

Running Thorium files

* G4Track Information: Particle = Bi212[0.0], Track ID = 1, Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	389	85.3	1.59e+03	0	0	0	0	Top_PMT_Vacuum_133	initStep

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1 389 85.3 1.59e+03 0 0 0 0 Top_PMT_Vacuum_133 S1

* G4Track Information: Particle = alpha, Track ID = 3, Parent ID = 1

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	389	85.3	1.59e+03	6.05	0	0	0	Top_PMT_Vacuum_133	initStep
1	374	59.7	1.59e+03	6.05	5.25e-22	30.2	30.2	Top_PMT_Body_133	Transportation
2	374	59.7	1.59e+03	6.05	0.001	1.09e-05	30.2	Top_PMT_Body_133	ionIoni
3	374	59.7	1.59e+03	6.03	0.0157	0.000165	30.2	Top_PMT_Body_133	ionIoni
4	374	59.7	1.59e+03	6.02	0.00579	3.57e-05	30.2	Top_PMT_Body_133	ionIoni
5	374	59.7	1.59e+03	6.02	0.000294	7.95e-06	30.2	Top_PMT_Body_133	ionIoni
6	374	59.7	1.59e+03	6.02	0.00502	1.74e-05	30.2	Top_PMT_Body_133	ionIoni
7	374	59.7	1.59e+03	6.01	0.00252	2.71e-05	30.2	Top_PMT_Body_133	ionIoni
8	374	59.7	1.59e+03	6.01	0.000651	3.65e-05	30.2	Top_PMT_Body_133	ionIoni
9	374	59.7	1.59e+03	6	0.0119	0.000114	30.2	Top_PMT_Body_133	ionIoni
10	374	59.7	1.59e+03	5.99	0.000748	9.95e-06	30.2	Top_PMT_Body_133	ionIoni
11	374	59.7	1.59e+03	5.99	0.00605	7.71e-05	30.2	Top_PMT_Body_133	ionIoni
12	374	59.7	1.59e+03	5.99	0.00127	9.81e-06	30.2	Top_PMT_Body_133	ionIoni

13	374	59.7	1.59e+03	5.98	0.00414	2.8e-05	30.2	Top_PMT_Body_133	ionloni
14	374	59.7	1.59e+03	5.96	0.0133	0.000138	30.2	Top_PMT_Body_133	ionloni
15	374	59.7	1.59e+03	5.96	0.00111	1.17e-05	30.2	Top_PMT_Body_133	ionloni
16	374	59.7	1.59e+03	5.94	0.0192	0.000158	30.2	Top_PMT_Body_133	ionloni
17	374	59.7	1.59e+03	5.93	0.00518	6.39e-05	30.2	Top_PMT_Body_133	ionloni
18	374	59.7	1.59e+03	5.92	0.0145	0.000164	30.2	Top_PMT_Body_133	ionloni
19	374	59.7	1.59e+03	5.91	0.00431	4.04e-05	30.2	Top_PMT_Body_133	ionloni
20	374	59.7	1.59e+03	5.9	0.0105	8.56e-05	30.2	Top_PMT_Body_133	ionloni
21	374	59.7	1.59e+03	5.89	0.00766	8.83e-05	30.2	Top_PMT_Body_133	ionloni
22	374	59.7	1.59e+03	5.88	0.00903	7.48e-05	30.2	Top_PMT_Body_133	ionloni
23	374	59.7	1.59e+03	5.88	0.00456	4.14e-05	30.2	Top_PMT_Body_133	ionloni
24	374	59.7	1.59e+03	5.87	0.00191	3.51e-05	30.2	Top_PMT_Body_133	ionloni
25	374	59.7	1.59e+03	5.87	0.00325	2.13e-05	30.2	Top_PMT_Body_133	ionloni
26	374	59.7	1.59e+03	5.86	0.00108	8.22e-06	30.2	Top_PMT_Body_133	ionloni
27	374	59.7	1.59e+03	5.86	0.00508	7.36e-05	30.2	Top_PMT_Body_133	ionloni
28	374	59.7	1.59e+03	5.85	0.00897	6.35e-05	30.2	Top_PMT_Body_133	ionloni
29	374	59.7	1.59e+03	5.84	0.00342	3.71e-05	30.2	Top_PMT_Body_133	ionloni
30	374	59.7	1.59e+03	5.83	0.00636	7.66e-05	30.2	Top_PMT_Body_133	ionloni
31	374	59.7	1.59e+03	5.83	0.000613	2.19e-05	30.2	Top_PMT_Body_133	ionloni
32	374	59.7	1.59e+03	5.82	0.00333	2.6e-05	30.2	Top_PMT_Body_133	ionloni
33	374	59.7	1.59e+03	5.82	0.00373	2.3e-05	30.2	Top_PMT_Body_133	ionloni
34	374	59.7	1.59e+03	5.81	0.00665	6.77e-05	30.2	Top_PMT_Body_133	ionloni
35	374	59.7	1.59e+03	5.81	0.00263	2.11e-05	30.2	Top_PMT_Body_133	ionloni
36	374	59.7	1.59e+03	5.81	0.00253	4.78e-05	30.2	Top_PMT_Body_133	ionloni
37	374	59.7	1.59e+03	5.79	0.00856	7.64e-05	30.2	Top_PMT_Body_133	ionloni
38	374	59.7	1.59e+03	5.79	0.00496	4.43e-05	30.2	Top_PMT_Body_133	ionloni
39	374	59.7	1.59e+03	5.79	0.000775	1.43e-06	30.2	Top_PMT_Body_133	ionloni
40	374	59.7	1.59e+03	5.78	0.00329	2.35e-05	30.2	Top_PMT_Body_133	ionloni
41	374	59.7	1.59e+03	5.78	0.000202	2.38e-06	30.2	Top_PMT_Body_133	ionloni

71	374	59.7	1.59e+03	5.51	0.00761	7.12e-05	30.2	Top_PMT_Body_133	ionloni
72	374	59.7	1.59e+03	5.5	0.00331	1.81e-05	30.2	Top_PMT_Body_133	ionloni
73	374	59.7	1.59e+03	5.5	0.0032	2.41e-05	30.2	Top_PMT_Body_133	ionloni
74	374	59.7	1.59e+03	5.48	0.0146	0.000126	30.2	Top_PMT_Body_133	ionloni
75	374	59.7	1.59e+03	5.48	0.000447	9.02e-06	30.2	Top_PMT_Body_133	ionloni
76	374	59.7	1.59e+03	5.48	0.00174	1.49e-05	30.2	Top_PMT_Body_133	ionloni
77	374	59.7	1.59e+03	5.48	0.000581	1.55e-05	30.2	Top_PMT_Body_133	ionloni
78	374	59.7	1.59e+03	5.47	0.00296	5.92e-05	30.2	Top_PMT_Body_133	ionloni
79	374	59.7	1.59e+03	5.46	0.00887	8.7e-05	30.2	Top_PMT_Body_133	ionloni
80	374	59.7	1.59e+03	5.46	0.00118	9.56e-06	30.2	Top_PMT_Body_133	ionloni
81	374	59.7	1.59e+03	5.43	0.0246	0.000174	30.2	Top_PMT_Body_133	ionloni
82	374	59.7	1.59e+03	5.43	0.00516	3.58e-05	30.2	Top_PMT_Body_133	ionloni
83	374	59.7	1.59e+03	5.42	0.00667	0.000103	30.2	Top_PMT_Body_133	ionloni
84	374	59.7	1.59e+03	5.4	0.0152	0.000145	30.2	Top_PMT_Body_133	ionloni
85	374	59.7	1.59e+03	5.4	0.000559	1.52e-05	30.2	Top_PMT_Body_133	ionloni
86	374	59.7	1.59e+03	5.39	0.00548	4.84e-05	30.2	Top_PMT_Body_133	ionloni
87	374	59.7	1.59e+03	5.38	0.0112	0.000151	30.2	Top_PMT_Body_133	ionloni
88	374	59.7	1.59e+03	5.37	0.00767	9.46e-05	30.2	Top_PMT_Body_133	ionloni
89	374	59.7	1.59e+03	5.34	0.0261	0.000207	30.2	Top_PMT_Body_133	ionloni
90	374	59.7	1.59e+03	5.34	0.000636	4.09e-06	30.2	Top_PMT_Body_133	ionloni
91	374	59.7	1.59e+03	5.32	0.0164	0.000131	30.2	Top_PMT_Body_133	ionloni
92	374	59.7	1.59e+03	5.32	0.00236	3.25e-05	30.2	Top_PMT_Body_133	ionloni
93	374	59.7	1.59e+03	5.32	0.000931	1.33e-05	30.2	Top_PMT_Body_133	ionloni
94	374	59.7	1.59e+03	5.31	0.00434	3.88e-05	30.2	Top_PMT_Body_133	ionloni
95	374	59.7	1.59e+03	5.31	0.00131	2.14e-05	30.2	Top_PMT_Body_133	ionloni
96	374	59.7	1.59e+03	5.3	0.00819	5.12e-05	30.2	Top_PMT_Body_133	ionloni
97	374	59.7	1.59e+03	5.29	0.00424	4.17e-05	30.2	Top_PMT_Body_133	ionloni
98	374	59.7	1.59e+03	5.29	0.00268	3.06e-05	30.2	Top_PMT_Body_133	ionloni
99	374	59.7	1.59e+03	5.28	0.00719	6.02e-05	30.2	Top_PMT_Body_133	ionloni

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100	374	59.7	1.59e+03	5.27	0.00857	9.82e-05	30.2	Top_PMT_Body_133	ionloni
101	374	59.7	1.59e+03	5.26	0.00407	3.71e-05	30.2	Top_PMT_Body_133	ionloni
102	374	59.7	1.59e+03	5.24	0.019	0.000147	30.2	Top_PMT_Body_133	ionloni
103	374	59.7	1.59e+03	5.24	0.00183	1.59e-05	30.2	Top_PMT_Body_133	ionloni
104	374	59.7	1.59e+03	5.24	0.00235	1.85e-05	30.2	Top_PMT_Body_133	ionloni
105	374	59.7	1.59e+03	5.22	0.0181	9.88e-05	30.2	Top_PMT_Body_133	ionloni
106	374	59.7	1.59e+03	5.21	0.0063	4.79e-05	30.2	Top_PMT_Body_133	ionloni
107	374	59.7	1.59e+03	5.2	0.00293	2.87e-05	30.2	Top_PMT_Body_133	ionloni
108	374	59.7	1.59e+03	5.2	0.00816	8.8e-05	30.2	Top_PMT_Body_133	ionloni
109	374	59.7	1.59e+03	5.19	0.000936	1.39e-05	30.2	Top_PMT_Body_133	ionloni
110	374	59.7	1.59e+03	5.19	0.000231	6.23e-06	30.2	Top_PMT_Body_133	ionloni
111	374	59.7	1.59e+03	5.16	0.0317	0.000214	30.2	Top_PMT_Body_133	ionloni
112	374	59.7	1.59e+03	5.16	0.000781	8.04e-06	30.2	Top_PMT_Body_133	ionloni
113	374	59.7	1.59e+03	5.15	0.00434	4.6e-05	30.2	Top_PMT_Body_133	ionloni
114	374	59.7	1.59e+03	5.14	0.00617	5.47e-05	30.2	Top_PMT_Body_133	ionloni
115	374	59.7	1.59e+03	5.13	0.0138	0.00012	30.2	Top_PMT_Body_133	ionloni
116	374	59.7	1.59e+03	5.12	0.00712	7.26e-05	30.2	Top_PMT_Body_133	ionloni
117	374	59.7	1.59e+03	5.12	7.54e-06	3e-06	30.2	Top_PMT_Body_133	ionloni
118	374	59.7	1.59e+03	5.11	0.00567	4.92e-05	30.2	Top_PMT_Body_133	ionloni
119	374	59.7	1.59e+03	5.11	0.000718	1.15e-05	30.2	Top_PMT_Body_133	ionloni
120	374	59.7	1.59e+03	5.1	0.00996	5.91e-05	30.2	Top_PMT_Body_133	ionloni
121	374	59.7	1.59e+03	5.09	0.00176	1.8e-05	30.2	Top_PMT_Body_133	ionloni
122	374	59.7	1.59e+03	5.08	0.00679	3.96e-05	30.2	Top_PMT_Body_133	ionloni
123	374	59.7	1.59e+03	5.07	0.0129	9.28e-05	30.2	Top_PMT_Body_133	ionloni
124	374	59.7	1.59e+03	5.06	0.0111	7.21e-05	30.2	Top_PMT_Body_133	ionloni
125	374	59.7	1.59e+03	5.05	0.00173	9.11e-06	30.2	Top_PMT_Body_133	ionloni
126	374	59.7	1.59e+03	5.05	0.000426	9.78e-06	30.2	Top_PMT_Body_133	ionloni
127	374	59.7	1.59e+03	5.04	0.00876	5.88e-05	30.2	Top_PMT_Body_133	ionloni
128	374	59.7	1.59e+03	5.03	0.0158	0.000114	30.2	Top_PMT_Body_133	ionloni
129	374	59.7	1.59e+03	5.02	0.00054	3.4e-06	30.2	Top_PMT_Body_133	ionloni

129	374	59.7	1.59e+03	5.02	0.00354	3.43e-05	30.2	Top_PMT_Body_133	ionloni
130	374	59.7	1.59e+03	5.01	0.00814	0.000105	30.2	Top_PMT_Body_133	ionloni
131	374	59.7	1.59e+03	5	0.00745	5.07e-05	30.2	Top_PMT_Body_133	ionloni
132	374	59.7	1.59e+03	4.99	0.00853	6.37e-05	30.2	Top_PMT_Body_133	ionloni
133	374	59.7	1.59e+03	4.99	0.00754	8.51e-05	30.2	Top_PMT_Body_133	ionloni
134	374	59.7	1.59e+03	4.98	0.00137	8.48e-06	30.2	Top_PMT_Body_133	ionloni
135	374	59.7	1.59e+03	4.98	0.00307	3.08e-05	30.2	Top_PMT_Body_133	ionloni
136	374	59.7	1.59e+03	4.96	0.0198	0.000132	30.2	Top_PMT_Body_133	ionloni
137	374	59.7	1.59e+03	4.95	0.0013	9.96e-06	30.2	Top_PMT_Body_133	ionloni
138	374	59.7	1.59e+03	4.95	0.00424	3.85e-05	30.2	Top_PMT_Body_133	ionloni
139	374	59.7	1.59e+03	4.94	0.00188	1.54e-05	30.2	Top_PMT_Body_133	ionloni
140	374	59.7	1.59e+03	4.94	0.00589	4.44e-05	30.2	Top_PMT_Body_133	ionloni
141	374	59.7	1.59e+03	4.89	0.0401	0.000347	30.2	Top_PMT_Body_133	ionloni
142	374	59.7	1.59e+03	4.88	0.00849	8.81e-05	30.2	Top_PMT_Body_133	ionloni
143	374	59.7	1.59e+03	4.88	0.00277	2.83e-05	30.2	Top_PMT_Body_133	ionloni
144	374	59.7	1.59e+03	4.87	0.00453	3.25e-05	30.2	Top_PMT_Body_133	ionloni
145	374	59.7	1.59e+03	4.87	0.00571	3.91e-05	30.2	Top_PMT_Body_133	ionloni
146	374	59.7	1.59e+03	4.86	0.00517	2.94e-05	30.2	Top_PMT_Body_133	ionloni
147	374	59.7	1.59e+03	4.86	0.00183	1.02e-05	30.2	Top_PMT_Body_133	ionloni
148	374	59.7	1.59e+03	4.85	0.00447	3.3e-05	30.2	Top_PMT_Body_133	ionloni
149	374	59.7	1.59e+03	4.82	0.0296	0.000217	30.2	Top_PMT_Body_133	ionloni
150	374	59.7	1.59e+03	4.81	0.00647	3.64e-05	30.2	Top_PMT_Body_133	ionloni
151	374	59.7	1.59e+03	4.81	0.000256	3.81e-06	30.2	Top_PMT_Body_133	ionloni
152	374	59.7	1.59e+03	4.79	0.0157	9.82e-05	30.2	Top_PMT_Body_133	ionloni
153	374	59.7	1.59e+03	4.79	0.00135	8.91e-06	30.2	Top_PMT_Body_133	ionloni
154	374	59.7	1.59e+03	4.79	0.00118	1.29e-05	30.2	Top_PMT_Body_133	ionloni
155	374	59.7	1.59e+03	4.78	0.0108	6.39e-05	30.2	Top_PMT_Body_133	ionloni
156	374	59.7	1.59e+03	4.77	0.00324	2.02e-05	30.2	Top_PMT_Body_133	ionloni
157	374	59.7	1.59e+03	4.76	0.00906	6.88e-05	30.2	Top_PMT_Body_133	ionloni
158	374	59.7	1.59e+03	4.75	0.00708	0.000005	30.2	Top_PMT_Body_133	ionloni

158	374	59.7	1.59e+03	4.75	0.00798	6.34e-05	30.2	Top_PMT_Body_133	ionloni
159	374	59.7	1.59e+03	4.74	0.00855	7.13e-05	30.2	Top_PMT_Body_133	ionloni
160	374	59.7	1.59e+03	4.73	0.00887	7.21e-05	30.2	Top_PMT_Body_133	ionloni
161	374	59.7	1.59e+03	4.72	0.0103	6.84e-05	30.2	Top_PMT_Body_133	ionloni
162	374	59.7	1.59e+03	4.7	0.0164	0.000117	30.2	Top_PMT_Body_133	ionloni
163	374	59.7	1.59e+03	4.7	0.000774	1.08e-05	30.2	Top_PMT_Body_133	ionloni
164	374	59.7	1.59e+03	4.68	0.0135	8.96e-05	30.2	Top_PMT_Body_133	ionloni
165	374	59.7	1.59e+03	4.68	0.00329	1.55e-05	30.2	Top_PMT_Body_133	ionloni
166	374	59.7	1.59e+03	4.68	0.00172	2.01e-05	30.2	Top_PMT_Body_133	ionloni
167	374	59.7	1.59e+03	4.67	0.00636	3.67e-05	30.2	Top_PMT_Body_133	ionloni
168	374	59.7	1.59e+03	4.67	0.000853	2.52e-05	30.2	Top_PMT_Body_133	ionloni
169	374	59.7	1.59e+03	4.66	0.00622	5.04e-05	30.2	Top_PMT_Body_133	ionloni
170	374	59.7	1.59e+03	4.66	9.42e-05	2.15e-06	30.2	Top_PMT_Body_133	ionloni
171	374	59.7	1.59e+03	4.66	0.00109	4.11e-06	30.2	Top_PMT_Body_133	ionloni
172	374	59.7	1.59e+03	4.63	0.0303	0.0002	30.2	Top_PMT_Body_133	ionloni
173	374	59.7	1.59e+03	4.62	0.00722	7.59e-05	30.2	Top_PMT_Body_133	ionloni
174	374	59.7	1.59e+03	4.61	0.00473	3.84e-05	30.2	Top_PMT_Body_133	ionloni
175	374	59.7	1.59e+03	4.61	5.53e-05	3.92e-06	30.2	Top_PMT_Body_133	ionloni
176	374	59.7	1.59e+03	4.59	0.0229	0.000189	30.2	Top_PMT_Body_133	ionloni
177	374	59.7	1.59e+03	4.57	0.0123	0.000104	30.2	Top_PMT_Body_133	ionloni
178	374	59.7	1.59e+03	4.56	0.00768	4.12e-05	30.2	Top_PMT_Body_133	ionloni
179	374	59.7	1.59e+03	4.54	0.0199	0.000209	30.2	Top_PMT_Body_133	ionloni
180	374	59.7	1.59e+03	4.54	0.00159	1.49e-05	30.2	Top_PMT_Body_133	ionloni
181	374	59.7	1.59e+03	4.53	0.00774	3.47e-05	30.2	Top_PMT_Body_133	ionloni
182	374	59.7	1.59e+03	4.52	0.0113	7.56e-05	30.2	Top_PMT_Body_133	ionloni
183	374	59.7	1.59e+03	4.51	0.0088	8.27e-05	30.2	Top_PMT_Body_133	ionloni
184	374	59.7	1.59e+03	4.5	0.00765	7.3e-05	30.2	Top_PMT_Body_133	ionloni
185	374	59.7	1.59e+03	4.49	0.00549	3.77e-05	30.2	Top_PMT_Body_133	ionloni
186	374	59.7	1.59e+03	4.49	1.25e-05	2.52e-06	30.2	Top_PMT_Body_133	ionloni
187	374	59.7	1.59e+03	4.48	0.00882	7.25e-05	30.2	Top_PMT_Body_133	ionloni

187	374	59.7	1.59e+03	4.46	0.00963	7.25e-05	30.2	Top_PMT_Body_133	ionloni
188	374	59.7	1.59e+03	4.48	0.000807	6.5e-06	30.2	Top_PMT_Body_133	ionloni
189	374	59.7	1.59e+03	4.47	0.00593	3.86e-05	30.2	Top_PMT_Body_133	ionloni
190	374	59.7	1.59e+03	4.47	9.43e-05	6.53e-06	30.2	Top_PMT_Body_133	ionloni
191	374	59.7	1.59e+03	4.46	0.00268	2.2e-05	30.2	Top_PMT_Body_133	ionloni
192	374	59.7	1.59e+03	4.46	0.00182	1.43e-05	30.2	Top_PMT_Body_133	ionloni
193	374	59.7	1.59e+03	4.45	0.0145	0.000121	30.2	Top_PMT_Body_133	ionloni
194	374	59.7	1.59e+03	4.43	0.0112	7.8e-05	30.2	Top_PMT_Body_133	ionloni
195	374	59.7	1.59e+03	4.42	0.0133	7.13e-05	30.2	Top_PMT_Body_133	ionloni
196	374	59.7	1.59e+03	4.42	0.000694	9.47e-06	30.2	Top_PMT_Body_133	ionloni
197	374	59.7	1.59e+03	4.4	0.0138	8.56e-05	30.2	Top_PMT_Body_133	ionloni
198	374	59.7	1.59e+03	4.39	0.0119	8.34e-05	30.2	Top_PMT_Body_133	ionloni
199	374	59.7	1.59e+03	4.35	0.0327	0.000254	30.2	Top_PMT_Body_133	ionloni
200	374	59.7	1.59e+03	4.35	0.00487	4.93e-05	30.2	Top_PMT_Body_133	ionloni
201	374	59.7	1.59e+03	4.34	0.0101	6.55e-05	30.2	Top_PMT_Body_133	ionloni
202	374	59.7	1.59e+03	4.33	0.00557	6.83e-05	30.2	Top_PMT_Body_133	ionloni
203	374	59.7	1.59e+03	4.32	0.00119	5.21e-06	30.2	Top_PMT_Body_133	ionloni
204	374	59.7	1.59e+03	4.32	0.00166	9.62e-06	30.2	Top_PMT_Body_133	ionloni
205	374	59.7	1.59e+03	4.32	0.00364	3.25e-05	30.2	Top_PMT_Body_133	ionloni
206	374	59.7	1.59e+03	4.31	0.00391	3.51e-05	30.2	Top_PMT_Body_133	ionloni
207	374	59.7	1.59e+03	4.3	0.00773	5.72e-05	30.2	Top_PMT_Body_133	ionloni
208	374	59.7	1.59e+03	4.28	0.0201	0.000162	30.2	Top_PMT_Body_133	ionloni
209	374	59.7	1.59e+03	4.26	0.02	0.000167	30.2	Top_PMT_Body_133	ionloni
210	374	59.7	1.59e+03	4.25	0.00757	4.93e-05	30.2	Top_PMT_Body_133	ionloni
211	374	59.7	1.59e+03	4.24	0.0104	9.38e-05	30.2	Top_PMT_Body_133	ionloni
212	374	59.7	1.59e+03	4.23	0.00241	1.41e-05	30.2	Top_PMT_Body_133	ionloni
213	374	59.7	1.59e+03	4.23	0.00468	3.75e-05	30.2	Top_PMT_Body_133	ionloni
214	374	59.7	1.59e+03	4.23	0.0025	2.25e-05	30.2	Top_PMT_Body_133	ionloni
215	374	59.7	1.59e+03	4.2	0.0253	0.000221	30.2	Top_PMT_Body_133	ionloni
216	374	59.7	1.59e+03	4.19	0.00468	2.73e-05	30.2	Top_PMT_Body_133	ionloni

216	374	59.7	1.59e+03	4.19	0.00468	2.73e-05	30.2 Top_PMT_Body_133 ionloni
217	374	59.7	1.59e+03	4.19	0.00203	2.55e-05	30.2 Top_PMT_Body_133 ionloni
218	374	59.7	1.59e+03	4.18	0.0111	6.05e-05	30.2 Top_PMT_Body_133 ionloni
219	374	59.7	1.59e+03	4.17	0.00444	2.37e-05	30.2 Top_PMT_Body_133 ionloni
220	374	59.7	1.59e+03	4.16	0.00817	4.77e-05	30.2 Top_PMT_Body_133 ionloni
221	374	59.7	1.59e+03	4.16	0.00599	4.39e-05	30.2 Top_PMT_Body_133 ionloni
222	374	59.7	1.59e+03	4.15	0.0095	6.42e-05	30.2 Top_PMT_Body_133 ionloni
223	374	59.7	1.59e+03	4.14	5.82e-05	2.59e-06	30.2 Top_PMT_Body_133 ionloni
224	374	59.7	1.59e+03	4.14	0.00333	3.87e-05	30.2 Top_PMT_Body_133 ionloni
225	374	59.7	1.59e+03	4.13	0.0119	8.55e-05	30.2 Top_PMT_Body_133 ionloni
226	374	59.7	1.59e+03	4.12	1.6e-05	6.39e-07	30.2 Top_PMT_Body_133 ionloni
227	374	59.7	1.59e+03	4.12	0.00244	1.43e-05	30.2 Top_PMT_Body_133 ionloni
228	374	59.7	1.59e+03	4.11	0.0117	6.47e-05	30.2 Top_PMT_Body_133 ionloni
229	374	59.7	1.59e+03	4.07	0.0328	0.000219	30.2 Top_PMT_Body_133 ionloni
230	374	59.7	1.59e+03	4.07	0.00276	2.35e-05	30.2 Top_PMT_Body_133 ionloni
231	374	59.7	1.59e+03	4.06	0.00676	3.25e-05	30.2 Top_PMT_Body_133 ionloni
232	374	59.7	1.59e+03	4.06	0.00249	1.96e-05	30.2 Top_PMT_Body_133 ionloni
233	374	59.7	1.59e+03	4.05	0.0079	6.04e-05	30.2 Top_PMT_Body_133 ionloni
234	374	59.7	1.59e+03	4.04	0.00304	3.23e-05	30.2 Top_PMT_Body_133 ionloni
235	374	59.7	1.59e+03	4.04	0.00558	3.59e-05	30.2 Top_PMT_Body_133 ionloni
236	374	59.7	1.59e+03	4.03	0.00118	8.99e-06	30.2 Top_PMT_Body_133 ionloni
237	374	59.7	1.59e+03	4.03	0.00327	1.55e-05	30.2 Top_PMT_Body_133 ionloni
238	374	59.7	1.59e+03	4.03	0.00155	1.17e-05	30.2 Top_PMT_Body_133 ionloni
239	374	59.7	1.59e+03	4.02	0.00222	9.46e-06	30.2 Top_PMT_Body_133 ionloni
240	374	59.7	1.59e+03	4	0.0169	0.000126	30.2 Top_PMT_Body_133 ionloni
241	374	59.7	1.59e+03	4	0.00151	1.17e-05	30.2 Top_PMT_Body_133 ionloni
242	374	59.7	1.59e+03	3.99	0.00638	3.46e-05	30.2 Top_PMT_Body_133 ionloni
243	374	59.7	1.59e+03	3.98	0.0148	8.55e-05	30.2 Top_PMT_Body_133 ionloni
244	374	59.7	1.59e+03	3.97	0.00906	5.51e-05	30.2 Top_PMT_Body_133 ionloni
245	374	59.7	1.59e+03	3.95	0.0104	9.67e-05	30.2 Top_PMT_Body_133 ionloni

245	374	59.7	1.59e+03	3.95	0.00663	4.59e-05	30.2 Top_PMT_Body_133 ionLoni
246	374	59.7	1.59e+03	3.95	0.00663	4.59e-05	30.2 Top_PMT_Body_133 ionLoni
247	374	59.7	1.59e+03	3.94	0.00393	3.71e-05	30.2 Top_PMT_Body_133 ionLoni
248	374	59.7	1.59e+03	3.94	0.00225	1.09e-05	30.2 Top_PMT_Body_133 ionLoni
249	374	59.7	1.59e+03	3.93	0.00871	7.36e-05	30.2 Top_PMT_Body_133 ionLoni
250	374	59.7	1.59e+03	3.92	0.00236	1.78e-05	30.2 Top_PMT_Body_133 ionLoni
251	374	59.7	1.59e+03	3.92	0.00191	1.12e-05	30.2 Top_PMT_Body_133 ionLoni
252	374	59.7	1.59e+03	3.91	0.0145	0.000131	30.2 Top_PMT_Body_133 ionLoni
253	374	59.7	1.59e+03	3.9	0.00132	1.17e-05	30.2 Top_PMT_Body_133 ionLoni
254	374	59.7	1.59e+03	3.9	0.000322	5.18e-06	30.2 Top_PMT_Body_133 ionLoni
255	374	59.7	1.59e+03	3.89	0.00796	6.95e-05	30.2 Top_PMT_Body_133 ionLoni
256	374	59.7	1.59e+03	3.88	0.00854	5.99e-05	30.2 Top_PMT_Body_133 ionLoni
257	374	59.7	1.59e+03	3.87	0.00787	7.6e-05	30.2 Top_PMT_Body_133 ionLoni
258	374	59.7	1.59e+03	3.87	0.00311	2.19e-05	30.2 Top_PMT_Body_133 ionLoni
259	374	59.7	1.59e+03	3.87	0.000174	3.33e-06	30.2 Top_PMT_Body_133 ionLoni
260	374	59.7	1.59e+03	3.84	0.0245	0.000136	30.2 Top_PMT_Body_133 ionLoni
261	374	59.7	1.59e+03	3.83	0.00712	6.24e-05	30.2 Top_PMT_Body_133 ionLoni
262	374	59.7	1.59e+03	3.81	0.0181	0.000107	30.2 Top_PMT_Body_133 ionLoni
263	374	59.7	1.59e+03	3.81	0.00637	3.92e-05	30.2 Top_PMT_Body_133 ionLoni
264	374	59.7	1.59e+03	3.77	0.0366	0.000278	30.2 Top_PMT_Body_133 ionLoni
265	374	59.7	1.59e+03	3.76	0.00167	1.08e-05	30.2 Top_PMT_Body_133 ionLoni
266	374	59.7	1.59e+03	3.73	0.0318	0.000221	30.2 Top_PMT_Body_133 ionLoni
267	374	59.7	1.59e+03	3.73	0.00415	2.04e-05	30.2 Top_PMT_Body_133 ionLoni
268	374	59.7	1.59e+03	3.71	0.0178	0.000115	30.2 Top_PMT_Body_133 ionLoni
269	374	59.7	1.59e+03	3.7	0.00549	3.1e-05	30.2 Top_PMT_Body_133 ionLoni
270	374	59.7	1.59e+03	3.7	0.000474	1.35e-05	30.2 Top_PMT_Body_133 ionLoni
271	374	59.7	1.59e+03	3.69	0.00123	6.35e-06	30.2 Top_PMT_Body_133 ionLoni
272	374	59.7	1.59e+03	3.67	0.0191	0.000128	30.2 Top_PMT_Body_133 ionLoni
273	374	59.7	1.59e+03	3.66	0.0151	0.000129	30.2 Top_PMT_Body_133 ionLoni
274	374	59.7	1.59e+03	3.6	0.0558	0.000331	30.2 Top_PMT_Body_133 ionLoni

275	374	59.7	1.59e+03	3.59	0.00677	3.28e-05	30.2 Top_PMT_Body_133 ionloni
276	374	59.7	1.59e+03	3.59	0.00368	3.52e-05	30.2 Top_PMT_Body_133 ionloni
277	374	59.7	1.59e+03	3.58	0.00797	5.44e-05	30.2 Top_PMT_Body_133 ionloni
278	374	59.7	1.59e+03	3.57	0.0072	4.74e-05	30.2 Top_PMT_Body_133 ionloni
279	374	59.7	1.59e+03	3.56	0.00371	2.67e-05	30.2 Top_PMT_Body_133 ionloni
280	374	59.7	1.59e+03	3.56	0.000734	4.07e-06	30.2 Top_PMT_Body_133 ionloni
281	374	59.7	1.59e+03	3.54	0.0231	0.000134	30.2 Top_PMT_Body_133 ionloni
282	374	59.7	1.59e+03	3.53	0.00824	4.96e-05	30.2 Top_PMT_Body_133 ionloni
283	374	59.7	1.59e+03	3.53	1.14e-07	9.38e-07	30.2 Top_PMT_Body_133 ionloni
284	374	59.7	1.59e+03	3.52	0.00931	8.63e-05	30.2 Top_PMT_Body_133 ionloni
285	374	59.7	1.59e+03	3.49	0.0217	0.000114	30.2 Top_PMT_Body_133 ionloni
286	374	59.7	1.59e+03	3.46	0.0283	0.000132	30.2 Top_PMT_Body_133 ionloni
287	374	59.7	1.59e+03	3.46	3.53e-05	2.37e-06	30.2 Top_PMT_Body_133 ionloni
288	374	59.7	1.59e+03	3.46	0.00136	8.73e-06	30.2 Top_PMT_Body_133 ionloni
289	374	59.7	1.59e+03	3.45	0.0107	9.23e-05	30.2 Top_PMT_Body_133 ionloni
290	374	59.7	1.59e+03	3.44	0.00155	1.98e-05	30.2 Top_PMT_Body_133 ionloni
291	374	59.7	1.59e+03	3.43	0.0177	8.35e-05	30.2 Top_PMT_Body_133 ionloni
292	374	59.7	1.59e+03	3.42	0.000118	3.81e-07	30.2 Top_PMT_Body_133 ionloni
293	374	59.7	1.59e+03	3.41	0.0147	9.42e-05	30.2 Top_PMT_Body_133 ionloni
294	374	59.7	1.59e+03	3.4	0.00422	2e-05	30.2 Top_PMT_Body_133 ionloni
295	374	59.7	1.59e+03	3.4	0.00197	1.27e-05	30.2 Top_PMT_Body_133 ionloni
296	374	59.7	1.59e+03	3.4	0.00109	1.17e-05	30.2 Top_PMT_Body_133 ionloni
297	374	59.7	1.59e+03	3.39	0.00116	2.33e-06	30.2 Top_PMT_Body_133 ionloni
298	374	59.7	1.59e+03	3.39	0.00414	4.39e-05	30.2 Top_PMT_Body_133 ionloni
299	374	59.7	1.59e+03	3.38	0.00636	3.16e-05	30.2 Top_PMT_Body_133 ionloni
300	374	59.7	1.59e+03	3.37	0.00695	4.9e-05	30.2 Top_PMT_Body_133 ionloni
301	374	59.7	1.59e+03	3.37	0.000889	1.06e-05	30.2 Top_PMT_Body_133 ionloni
302	374	59.7	1.59e+03	3.37	0.00398	2.44e-05	30.2 Top_PMT_Body_133 ionloni
303	374	59.7	1.59e+03	3.36	0.00716	3.59e-05	30.2 Top PMT Bodv 133 ionloni

304	374	59.7	1.59e+03	3.35	0.00179	3.15e-06	30.2 Top_PMT_Body_133 ionloni
305	374	59.7	1.59e+03	3.35	0.000177	5.18e-06	30.2 Top_PMT_Body_133 ionloni
306	374	59.7	1.59e+03	3.35	0.0032	1.63e-05	30.2 Top_PMT_Body_133 ionloni
307	374	59.7	1.59e+03	3.33	0.0196	0.00011	30.2 Top_PMT_Body_133 ionloni
308	374	59.7	1.59e+03	3.32	0.00141	9.15e-06	30.2 Top_PMT_Body_133 ionloni
309	374	59.7	1.59e+03	3.32	0.000764	5.31e-06	30.2 Top_PMT_Body_133 ionloni
310	374	59.7	1.59e+03	3.31	0.0115	9.21e-05	30.2 Top_PMT_Body_133 ionloni
311	374	59.7	1.59e+03	3.3	0.00691	3.56e-05	30.2 Top_PMT_Body_133 ionloni
312	374	59.7	1.59e+03	3.28	0.02	0.000121	30.2 Top_PMT_Body_133 ionloni
313	374	59.7	1.59e+03	3.28	0.00212	1.92e-05	30.2 Top_PMT_Body_133 ionloni
314	374	59.7	1.59e+03	3.26	0.00915	6.71e-05	30.2 Top_PMT_Body_133 ionloni
315	374	59.7	1.59e+03	3.26	0.00645	2.99e-05	30.2 Top_PMT_Body_133 ionloni
316	374	59.7	1.59e+03	3.25	0.000889	4.07e-06	30.2 Top_PMT_Body_133 ionloni
317	374	59.7	1.59e+03	3.25	0.00588	3.26e-05	30.2 Top_PMT_Body_133 ionloni
318	374	59.7	1.59e+03	3.22	0.0264	0.000146	30.2 Top_PMT_Body_133 ionloni
319	374	59.7	1.59e+03	3.22	0.0009	4.6e-06	30.2 Top_PMT_Body_133 ionloni
320	374	59.7	1.59e+03	3.21	0.00889	4.39e-05	30.2 Top_PMT_Body_133 ionloni
321	374	59.7	1.59e+03	3.19	0.0182	9.36e-05	30.2 Top_PMT_Body_133 ionloni
322	374	59.7	1.59e+03	3.18	0.00578	3.95e-05	30.2 Top_PMT_Body_133 ionloni
323	374	59.7	1.59e+03	3.18	0.00303	1.22e-05	30.2 Top_PMT_Body_133 ionloni
324	374	59.7	1.59e+03	3.16	0.0129	8.11e-05	30.2 Top_PMT_Body_133 ionloni
325	374	59.7	1.59e+03	3.14	0.022	0.000147	30.2 Top_PMT_Body_133 ionloni
326	374	59.7	1.59e+03	3.12	0.0161	7.23e-05	30.2 Top_PMT_Body_133 ionloni
327	374	59.7	1.59e+03	3.1	0.0161	7.53e-05	30.2 Top_PMT_Body_133 ionloni
328	374	59.7	1.59e+03	3.09	0.0101	7.28e-05	30.2 Top_PMT_Body_133 ionloni
329	374	59.7	1.59e+03	3.09	0.00267	1.94e-05	30.2 Top_PMT_Body_133 ionloni
330	374	59.7	1.59e+03	3.06	0.0247	0.000149	30.2 Top_PMT_Body_133 ionloni
331	374	59.7	1.59e+03	3.06	0.000616	1.04e-05	30.2 Top_PMT_Body_133 ionloni
332	374	59.7	1.59e+03	3.05	0.00793	5.73e-05	30.2 Top PMT Bodv 133 ionloni

333	374	59.7	1.59e+03	3.04	0.0119	8.25e-05	30.2 Top_PMT_Body_133 ionloni
334	374	59.7	1.59e+03	3.03	0.00966	5.23e-05	30.2 Top_PMT_Body_133 ionloni
335	374	59.7	1.59e+03	3.01	0.0157	9.54e-05	30.2 Top_PMT_Body_133 ionloni
336	374	59.7	1.59e+03	3.01	0.00395	2.99e-05	30.2 Top_PMT_Body_133 ionloni
337	374	59.7	1.59e+03	2.97	0.0358	0.000176	30.2 Top_PMT_Body_133 ionloni
338	374	59.7	1.59e+03	2.97	0.000101	8.09e-07	30.2 Top_PMT_Body_133 ionloni
339	374	59.7	1.59e+03	2.97	0.000232	3.87e-06	30.2 Top_PMT_Body_133 ionloni
340	374	59.7	1.59e+03	2.96	0.00855	4.71e-05	30.2 Top_PMT_Body_133 ionloni
341	374	59.7	1.59e+03	2.95	0.0101	5.73e-05	30.2 Top_PMT_Body_133 ionloni
342	374	59.7	1.59e+03	2.94	0.00108	1.08e-05	30.2 Top_PMT_Body_133 ionloni
343	374	59.7	1.59e+03	2.94	0.00269	1.76e-05	30.2 Top_PMT_Body_133 ionloni
344	374	59.7	1.59e+03	2.93	0.011	6.68e-05	30.2 Top_PMT_Body_133 ionloni
345	374	59.7	1.59e+03	2.87	0.0524	0.000293	30.2 Top_PMT_Body_133 ionloni
346	374	59.7	1.59e+03	2.83	0.0422	0.000218	30.2 Top_PMT_Body_133 ionloni
347	374	59.7	1.59e+03	2.83	0.00278	2.27e-05	30.2 Top_PMT_Body_133 ionloni
348	374	59.7	1.59e+03	2.81	0.0101	5.53e-05	30.2 Top_PMT_Body_133 ionloni
349	374	59.7	1.59e+03	2.8	0.00896	4.64e-05	30.2 Top_PMT_Body_133 ionloni
350	374	59.7	1.59e+03	2.76	0.0389	0.00022	30.2 Top_PMT_Body_133 ionloni
351	374	59.7	1.59e+03	2.76	0.000973	3.56e-06	30.2 Top_PMT_Body_133 ionloni
352	374	59.7	1.59e+03	2.75	0.00743	4.13e-05	30.2 Top_PMT_Body_133 ionloni
353	374	59.7	1.59e+03	2.75	0.00806	3.38e-05	30.2 Top_PMT_Body_133 ionloni
354	374	59.7	1.59e+03	2.73	0.0134	5.33e-05	30.2 Top_PMT_Body_133 ionloni
355	374	59.7	1.59e+03	2.7	0.0253	0.000102	30.2 Top_PMT_Body_133 ionloni
356	374	59.7	1.59e+03	2.7	0.00562	4.22e-05	30.2 Top_PMT_Body_133 ionloni
357	374	59.7	1.59e+03	2.68	0.0193	8.74e-05	30.2 Top_PMT_Body_133 ionloni
358	374	59.7	1.59e+03	2.67	0.00837	3.48e-05	30.2 Top_PMT_Body_133 ionloni
359	374	59.7	1.59e+03	2.64	0.0233	0.000104	30.2 Top_PMT_Body_133 ionloni
360	374	59.7	1.59e+03	2.63	0.00928	6.2e-05	30.2 Top_PMT_Body_133 ionloni
361	374	59.7	1.59e+03	2.62	0.0117	6.61e-05	30.2 Top PMT Body 133 ionloni

362	374	59.7	1.59e+03	2.6	0.0231	0.000138	30.2 Top_PMT_Body_133 ionloni
363	374	59.7	1.59e+03	2.55	0.0416	0.000208	30.2 Top_PMT_Body_133 ionloni
364	374	59.7	1.59e+03	2.53	0.0252	0.000111	30.2 Top_PMT_Body_133 ionloni
365	374	59.7	1.59e+03	2.51	0.0197	8.04e-05	30.2 Top_PMT_Body_133 ionloni
366	374	59.7	1.59e+03	2.5	0.000964	5.17e-06	30.2 Top_PMT_Body_133 ionloni
367	374	59.7	1.59e+03	2.5	0.0034	6.32e-06	30.2 Top_PMT_Body_133 ionloni
368	374	59.7	1.59e+03	2.5	0.00039	4.77e-06	30.2 Top_PMT_Body_133 ionloni
369	374	59.7	1.59e+03	2.49	0.00968	4.08e-05	30.2 Top_PMT_Body_133 ionloni
370	374	59.7	1.59e+03	2.48	0.00869	5.52e-05	30.2 Top_PMT_Body_133 ionloni
371	374	59.7	1.59e+03	2.47	0.00831	3.52e-05	30.2 Top_PMT_Body_133 ionloni
372	374	59.7	1.59e+03	2.46	0.00303	9.94e-06	30.2 Top_PMT_Body_133 ionloni
373	374	59.7	1.59e+03	2.46	0.00122	5.07e-06	30.2 Top_PMT_Body_133 ionloni
374	374	59.7	1.59e+03	2.43	0.026	0.000123	30.2 Top_PMT_Body_133 ionloni
375	374	59.7	1.59e+03	2.42	0.0133	7.09e-05	30.2 Top_PMT_Body_133 ionloni
376	374	59.7	1.59e+03	2.41	0.00406	1.79e-05	30.2 Top_PMT_Body_133 ionloni
377	374	59.7	1.59e+03	2.41	0.000608	1.59e-06	30.2 Top_PMT_Body_133 ionloni
378	374	59.7	1.59e+03	2.4	0.0109	4.74e-05	30.2 Top_PMT_Body_133 ionloni
379	374	59.7	1.59e+03	2.38	0.023	0.000113	30.2 Top_PMT_Body_133 ionloni
380	374	59.7	1.59e+03	2.34	0.0337	0.000155	30.2 Top_PMT_Body_133 ionloni
381	374	59.7	1.59e+03	2.32	0.0235	0.000113	30.2 Top_PMT_Body_133 ionloni
382	374	59.7	1.59e+03	2.31	0.0102	4.4e-05	30.2 Top_PMT_Body_133 ionloni
383	374	59.7	1.59e+03	2.25	0.0503	0.000219	30.2 Top_PMT_Body_133 ionloni
384	374	59.7	1.59e+03	2.21	0.045	0.000205	30.2 Top_PMT_Body_133 ionloni
385	374	59.7	1.59e+03	2.17	0.0379	0.000171	30.2 Top_PMT_Body_133 ionloni
386	374	59.7	1.59e+03	2.14	0.0263	0.000132	30.2 Top_PMT_Body_133 ionloni
387	374	59.7	1.59e+03	2.09	0.0471	0.000195	30.2 Top_PMT_Body_133 ionloni
388	374	59.7	1.59e+03	1.98	0.115	0.00046	30.2 Top_PMT_Body_133 ionloni
389	374	59.7	1.59e+03	1.94	0.0412	0.000159	30.2 Top_PMT_Body_133 ionloni
390	374	59.7	1.59e+03	1.91	0.0267	0.000103	30.2 Top_PMT_Body_133 ionloni

391	374	59.7	1.59e+03	1.87	0.0389	0.000133	30.2	Top_PMT_Body_133	ionIoni
392	374	59.7	1.59e+03	1.86	0.00752	2.46e-05	30.2	Top_PMT_Body_133	ionIoni
393	374	59.7	1.59e+03	1.77	0.0928	0.000351	30.2	Top_PMT_Body_133	ionIoni
394	374	59.7	1.59e+03	0	1.77	0.0055	30.2	Top_PMT_Body_133	ionIoni
395	374	59.7	1.59e+03	0	0	0	30.2	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 367, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000992	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000992	3.23e-05	3.23e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.23e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 366, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.29e-05	3.29e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.29e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 365, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.27e-05	3.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 364, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000992	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000992	3.23e-05	3.23e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.23e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 363, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.4e-05	3.4e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.4e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 362, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00108	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00108	3.67e-05	3.67e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 3.67e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 361, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.28e-05	3.28e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.28e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 360, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00108	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00108	3.64e-05	3.64e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.64e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 359, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.5e-05	3.5e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.5e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 358, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00113	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00113	3.89e-05	3.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 357, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.5e-05	3.5e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.5e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 356, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.06e-05	4.06e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.06e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 355, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.87e-05	3.87e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.87e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 354, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00113	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00113	3.9e-05	3.9e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.9e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 353, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.55e-05	3.55e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.55e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 352, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00117	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00117	4.12e-05	4.12e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.12e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 351, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00117	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00117	4.12e-05	4.12e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.12e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 350, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.58e-05	3.58e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.58e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 349, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep

1	374	59.7	1.59e+03	0	0.00115	4.01e-05	4.01e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.01e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 348, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00121	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00121	4.31e-05	4.31e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.31e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 347, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00135	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00135	5.04e-05	5.04e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.04e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 346, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00121	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00121	4.28e-05	4.28e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.28e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 345, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.53e-05	3.53e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.53e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 344, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00127	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00127	4.63e-05	4.63e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.63e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 343, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.42e-05	3.42e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.42e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 342, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.35e-05	3.35e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.35e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 341, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00119	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00119	4.21e-05	4.21e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.21e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 340, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.46e-05	3.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 339, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000994	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000994	3.24e-05	3.24e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.24e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 338, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.5e-05	3.5e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.5e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 337, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.95e-05	3.95e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.95e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 336, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.45e-05	3.45e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.45e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 335, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00124	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00124	4.44e-05	4.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 334, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.93e-05	3.93e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.93e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 333, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.62e-05	5.62e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 5.62e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 332, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.25e-05	5.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 331, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.74e-05	3.74e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.74e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 330, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.85e-05	3.85e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.85e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 329, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00119	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00119	4.22e-05	4.22e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.22e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 328, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00133	4.96e-05	4.96e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.96e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 327, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.36e-05	3.36e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.36e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 326, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00127	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00127	4.62e-05	4.62e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.62e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 325, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00109	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00109	3.69e-05	3.69e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.69e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 324, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.96e-05	3.96e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.96e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 323, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00133	4.96e-05	4.96e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.96e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 322, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	3.98e-05	3.98e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.98e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 321, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.62e-05	3.62e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.62e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 320, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep

1	374	59.7	1.59e+03	0	0.00115	3.98e-05	3.98e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.98e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 319, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00143	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00143	5.53e-05	5.53e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.53e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 318, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00129	4.73e-05	4.73e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.73e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 317, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00129	4.75e-05	4.75e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.75e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 316, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.41e-05	3.41e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.41e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 315, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00144	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00144	5.59e-05	5.59e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.59e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 314, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00117	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00117	4.12e-05	4.12e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.12e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 313, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00134	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00134	5.02e-05	5.02e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.02e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 312, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.02e-05	4.02e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.02e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 311, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00119	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00119	4.2e-05	4.2e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.2e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 310, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.27e-05	3.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 309, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000997	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000997	3.26e-05	3.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 308, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00129	4.73e-05	4.73e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.73e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 307, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep

```
0 374 59.7 1.59e+03 0.00138 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00138 5.25e-05 5.25e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 5.25e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 306, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00155 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00155 6.27e-05 6.27e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 6.27e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 305, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00147 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00147 5.76e-05 5.76e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 5.76e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 304, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00159 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00159 6.48e-05 6.48e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 6.48e-05 Top_PMT_Body_133 S1
```

2 374 59.7 1.59e+03 0 0 0 6.48e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 303, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00131	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00131	4.84e-05	4.84e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.84e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 302, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00137	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00137	5.19e-05	5.19e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.19e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 301, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.45e-05	3.45e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.45e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 300, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.77e-05	3.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 299, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.51e-05	3.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 298, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.83e-05	3.83e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.83e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 297, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.32e-05	3.32e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.32e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 296, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00159	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00159	6.48e-05	6.48e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.48e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 295, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00154	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00154	6.16e-05	6.16e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.16e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 294, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.4e-05	3.4e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.4e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 293, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00149	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00149	5.86e-05	5.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 292, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00128	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00128	4.67e-05	4.67e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.67e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 291, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00175	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00175	7.58e-05	7.58e-05	Top_PMT_Body_133	eloni

```
1 374 59.7 1.59e+03 0 0.00174 7.49e-05 7.49e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 7.58e-05 Top_PMT_Body_133 S1
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* G4Track Information: Particle = e-, Track ID = 290, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00174	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00174	7.49e-05	7.49e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.49e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 289, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00122	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00122	4.35e-05	4.35e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.35e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 288, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00155	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00155	6.23e-05	6.23e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.23e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 287, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0013	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0013	4.8e-05	4.8e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.8e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 286, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00169	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00169	7.17e-05	7.17e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.17e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 285, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.54e-05	3.54e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.54e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-. Track ID = 284. Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.27e-05	3.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 283, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00148	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00148	5.83e-05	5.83e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.83e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 282, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00166	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00166	6.92e-05	6.92e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.92e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 281, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.52e-05	3.52e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.52e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 280, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00173	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00173	7.44e-05	7.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 279, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00149	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00149	5.91e-05	5.91e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.91e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 278, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00137	0	0	0	Top PMT Body 133	initStep

1	374	59.7	1.59e+03	0	0.00137	5.19e-05	5.19e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.19e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 277, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00118	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00118	4.13e-05	4.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 276, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00149	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00149	5.86e-05	5.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 275, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.85e-05	3.85e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.85e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 274, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00155	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00155	6.25e-05	6.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 273, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.76e-05	3.76e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.76e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 272, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00113	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00113	3.88e-05	3.88e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.88e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 271, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.77e-05	3.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 270, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00155	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00155	6.23e-05	6.23e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.23e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 269, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00118	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00118	4.13e-05	4.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 268, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00119	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00119	4.2e-05	4.2e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.2e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 267, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.57e-05	3.57e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.57e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 266, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0014	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0014	5.34e-05	5.34e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.34e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 265, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.29e-05	3.29e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.29e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 264, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00188	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00188	8.46e-05	8.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 263, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.1e-05	6.1e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.1e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 262, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	3.98e-05	3.98e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 3.98e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 261, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.54e-05	3.54e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.54e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 260, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.1e-05	6.1e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.1e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 259, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00183	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00183	8.13e-05	8.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 258, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.31e-05	3.31e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.31e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 257, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.57e-05	3.57e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.57e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 256, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00186	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00186	8.32e-05	8.32e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.32e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 255, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.41e-05	3.41e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.41e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 254, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00132	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00132	4.89e-05	4.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 253, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00146	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00146	5.68e-05	5.68e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.68e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 252, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.34e-05	3.34e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.34e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 251, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.66e-05	5.66e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.66e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 250, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00108	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00108	3.66e-05	3.66e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.66e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 249, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00167	0	0	0	Top_PMT_Body_133	initStep

1	374	59.7	1.59e+03	0	0.00167	7.02e-05	7.02e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.02e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 248, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00122	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00122	4.35e-05	4.35e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.35e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 247, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00144	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00144	5.58e-05	5.58e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.58e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 246, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0019	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0019	8.56e-05	8.56e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.56e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 245, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.89e-05	6.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 244, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.62e-05	3.62e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.62e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 243, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00143	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00143	5.51e-05	5.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 242, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00161	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00161	6.62e-05	6.62e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.62e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 241, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00178	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00178	7.76e-05	7.76e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.76e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 240, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.46e-05	3.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 239, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00157	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00157	6.35e-05	6.35e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.35e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 238, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.94e-05	3.94e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.94e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 237, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00202	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00202	9.49e-05	9.49e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.49e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 236, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00146	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00146	5.72e-05	5.72e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.72e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 235, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.36e-05	3.36e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.36e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 234, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.3e-05	3.3e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.3e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 233, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00133	4.97e-05	4.97e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 4.97e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 232, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00132	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00132	4.89e-05	4.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 231, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.94e-05	3.94e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.94e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 230, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00123	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00123	4.4e-05	4.4e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.4e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 229, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.25e-05	5.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 228, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	3.99e-05	3.99e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.99e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 227, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00106	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00106	3.53e-05	3.53e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.53e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 226, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00158	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00158	6.46e-05	6.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 225, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.02e-05	4.02e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.02e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 224, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.44e-05	3.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 223, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00127	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00127	4.65e-05	4.65e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.65e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 222, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00159	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00159	6.51e-05	6.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 221, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.86e-05	3.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 220, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00164	0	0	0	Top_PMT_Body_133	initStep

1	374	59.7	1.59e+03	0	0.00164	6.8e-05	6.8e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.8e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 219, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.6e-05	3.6e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.6e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 218, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0014	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0014	5.37e-05	5.37e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.37e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 217, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.64e-05	5.64e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.64e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 216, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00118	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00118	4.14e-05	4.14e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.14e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 215, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00134	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00134	5.01e-05	5.01e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.01e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 214, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.77e-05	3.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 213, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00174	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00174	7.48e-05	7.48e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.48e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 212, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00161	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00161	6.65e-05	6.65e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.65e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 211, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0017	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0017	7.2e-05	7.2e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.2e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 210, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.91e-05	6.91e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.91e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 209, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.59e-05	3.59e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.59e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 208, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000999	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000999	3.26e-05	3.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 207, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep

```
0 374 59.7 1.59e+03 0.00118 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00118 4.14e-05 4.14e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 4.14e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 206, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00137 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00137 5.15e-05 5.15e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 5.15e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 205, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00162 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00162 6.67e-05 6.67e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 6.67e-05 Top_PMT_Body_133 S1
```

* G4Track Information: Particle = e-, Track ID = 204, Parent ID = 3

```
Step# X(mm) Y(mm) Z(mm) KinE(MeV) dE(MeV) StepLeng TrackLeng NextVolume ProcName
0 374 59.7 1.59e+03 0.00155 0 0 0 Top_PMT_Body_133 initStep
1 374 59.7 1.59e+03 0 0.00155 6.28e-05 6.28e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 6.28e-05 Top_PMT_Body_133 S1
```

2 374 59.7 1.59e+03 0 0 0 0.20e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 203, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00225	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00225	0.000112	0.000112	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000112	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 202, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00136	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00136	5.13e-05	5.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 201, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.26e-05	5.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 200, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00159	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00159	6.47e-05	6.47e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.47e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 199, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00166	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00166	6.94e-05	6.94e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.94e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 198, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	3.98e-05	3.98e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.98e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 197, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00146	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00146	5.68e-05	5.68e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.68e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 196, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00109	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00109	3.7e-05	3.7e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.7e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 195, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.38e-05	3.38e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.38e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 194, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00131	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00131	4.86e-05	4.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 193, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00169	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00169	7.15e-05	7.15e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.15e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 192, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.39e-05	3.39e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.39e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 191, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00143	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00143	5.52e-05	5.52e-05	Top PMT Bodv 133	eloni

2 374 59.7 1.59e+03 0 0 0 5.52e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 190, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.73e-05	3.73e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.73e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 189, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00232	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00232	0.000118	0.000118	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000118	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 188, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.46e-05	3.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 187, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00111	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00111	3.8e-05	3.8e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.8e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 186, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.27e-05	3.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 185, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00206	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00206	9.79e-05	9.79e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.79e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 184, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00144	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00144	5.59e-05	5.59e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.59e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 183, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.23e-05	5.23e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.23e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 182, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00227	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00227	0.000115	0.000115	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000115	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 181, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00199	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00199	9.21e-05	9.21e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.21e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 180, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00144	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00144	5.56e-05	5.56e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.56e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 179, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.65e-05	5.65e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.65e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 178, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep

1 374 59.7 1.59e+03 0 0.00133 4.96e-05 4.96e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 4.96e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 177, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00231	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00231	0.000117	0.000117	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000117	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 176, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000997	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000997	3.25e-05	3.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 175, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00152	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00152	6.05e-05	6.05e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.05e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 174, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.41e-05	3.41e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.41e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 173, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00136	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00136	5.13e-05	5.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 172, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0012	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0012	4.27e-05	4.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 171, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00123	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00123	4.43e-05	4.43e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.43e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 170, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00225	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00225	0.000113	0.000113	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000113	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 169, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000999	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000999	3.26e-05	3.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 168, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00159	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00159	6.48e-05	6.48e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.48e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 167, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.92e-05	3.92e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.92e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 166, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00143	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00143	5.54e-05	5.54e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.54e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 165, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00126	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00126	4.54e-05	4.54e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.54e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 164, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00219	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00219	0.000108	0.000108	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000108	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 163, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0013	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0013	4.78e-05	4.78e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.78e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 162, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.75e-05	3.75e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 3.75e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 161, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.65e-05	5.65e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.65e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 160, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00185	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00185	8.25e-05	8.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 159, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.74e-05	3.74e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.74e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 158, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00188	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00188	8.45e-05	8.45e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.45e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 157, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.6e-05	3.6e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.6e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 156, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00159	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00159	6.51e-05	6.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 155, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00133	4.97e-05	4.97e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.97e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 154, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00109	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00109	3.69e-05	3.69e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.69e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 153, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00147	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00147	5.77e-05	5.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 152, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00186	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00186	8.33e-05	8.33e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.33e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 151, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00139	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00139	5.29e-05	5.29e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.29e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 150, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00164	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00164	6.79e-05	6.79e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.79e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 149, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep

1	374	59.7	1.59e+03	0	0.00116	4.06e-05	4.06e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.06e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 148, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00176	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00176	7.63e-05	7.63e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.63e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 147, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00245	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00245	0.000129	0.000129	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000129	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 146, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.11e-05	6.11e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.11e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 145, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.3e-05	3.3e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.3e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 144, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00249	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00249	0.000133	0.000133	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000133	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 143, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00109	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00109	3.7e-05	3.7e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.7e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 142, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.26e-05	5.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 141, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00184	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00184	8.18e-05	8.18e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.18e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 140, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00227	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00227	0.000114	0.000114	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000114	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 139, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.28e-05	3.28e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.28e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 138, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.44e-05	3.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 137, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00113	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00113	3.89e-05	3.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 136, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0  374  59.7 1.59e+03  0.00123    0    0    0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03    0  0.00123 4.41e-05  4.41e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03    0    0    0  4.41e-05 Top_PMT_Body_133 S1

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* G4Track Information: Particle = e-, Track ID = 135, Parent ID = 3

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Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00148    0    0    0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03    0  0.00148 5.85e-05  5.85e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03    0    0    0  5.85e-05 Top_PMT_Body_133 S1

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* G4Track Information: Particle = e-, Track ID = 134, Parent ID = 3

```

Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00107    0    0    0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03    0  0.00107 3.59e-05  3.59e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03    0    0    0  3.59e-05 Top_PMT_Body_133 S1

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* G4Track Information: Particle = e-, Track ID = 133, Parent ID = 3

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Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00137    0    0    0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03    0  0.00137 5.2e-05  5.2e-05 Top_PMT_Body_133 eloni

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2 374 59.7 1.59e+03 0 0 0 5.2e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 132, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00177	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00177	7.69e-05	7.69e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.69e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 131, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0012	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0012	4.28e-05	4.28e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.28e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 130, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.05e-05	4.05e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.05e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 129, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.03e-05	4.03e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.03e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 128, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00118	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00118	4.13e-05	4.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 127, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00124	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00124	4.44e-05	4.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 126, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00193	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00193	8.78e-05	8.78e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.78e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 125, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0015	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0015	5.94e-05	5.94e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.94e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 124, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00136	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00136	5.14e-05	5.14e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.14e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 123, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00259	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00259	0.000142	0.000142	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000142	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 122, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00215	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00215	0.000105	0.000105	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000105	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 121, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00109	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00109	3.68e-05	3.68e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.68e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 120, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00201	0	0	0	Top_PMT_Body_133	initStep

1 374 59.7 1.59e+03 0 0.00201 9.42e-05 9.42e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 9.42e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 119, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00135	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00135	5.05e-05	5.05e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.05e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 118, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00169	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00169	7.18e-05	7.18e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.18e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 117, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00177	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00177	7.72e-05	7.72e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.72e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 116, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	3.98e-05	3.98e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.98e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 115, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00111	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00111	3.8e-05	3.8e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.8e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 114, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00104	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00104	3.45e-05	3.45e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.45e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 113, Parent ID = 3

* G4Track information: Particle = e-, Track ID = 113, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00242	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00242	0.000127	0.000127	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000127	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 112, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.15e-05	6.15e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.15e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 111, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00138	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00138	5.26e-05	5.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 110, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.91e-05	6.91e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.91e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 109, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00166	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00166	6.97e-05	6.97e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.97e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 108, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00145	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00145	5.64e-05	5.64e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.64e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 107, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00147	0	0	0	Top_PMT_Body_133	initStep


```

0  374  59.7 1.59e+03  0.00147  0  0  0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03  0  0.00147  5.76e-05  5.76e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03  0  0  0  5.76e-05 Top_PMT_Body_133 S1

```

* G4Track Information: Particle = e-, Track ID = 106, Parent ID = 3

```

Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00116  0  0  0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03  0  0.00116  4.05e-05  4.05e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03  0  0  0  4.05e-05 Top_PMT_Body_133 S1

```

* G4Track Information: Particle = e-, Track ID = 105, Parent ID = 3

```

Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00158  0  0  0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03  0  0.00158  6.43e-05  6.43e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03  0  0  0  6.43e-05 Top_PMT_Body_133 S1

```

* G4Track Information: Particle = e-, Track ID = 104, Parent ID = 3

```

Step#  X(mm)  Y(mm)  Z(mm) KinE(MeV)  dE(MeV) StepLeng TrackLeng  NextVolume ProcName
0  374  59.7 1.59e+03  0.00146  0  0  0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03  0  0.00146  5.7e-05  5.7e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03  0  0  0  5.7e-05 Top_PMT_Body_133 S1

```

2 374 59.7 1.59e+03 0 0 0 0.7e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 103, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00237	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00237	0.000123	0.000123	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000123	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 102, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00168	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00168	7.07e-05	7.07e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.07e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 101, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.001	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.001	3.28e-05	3.28e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.28e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 100, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00228	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00228	0.000115	0.000115	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000115	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 99, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00131	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00131	4.83e-05	4.83e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.83e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 98, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00166	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00166	6.97e-05	6.97e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.97e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 97, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00124	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00124	4.44e-05	4.44e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.44e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 96, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00164	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00164	6.82e-05	6.82e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.82e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 95, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00275	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00275	0.000157	0.000157	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000157	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 94, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0  374  59.7 1.59e+03  0.00121  0  0  0 Top_PMT_Body_133 initStep
1  374  59.7 1.59e+03  0  0.00121  4.29e-05  4.29e-05 Top_PMT_Body_133 eloni
2  374  59.7 1.59e+03  0  0  0  4.29e-05 Top_PMT_Body_133 S1

```

* G4Track Information: Particle = e-, Track ID = 93, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00233	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00233	0.000119	0.000119	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000119	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 92, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00137	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00137	5.17e-05	5.17e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.17e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 91, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00108	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00108	3.66e-05	3.66e-05	Top PMT Body 133	eloni

2 374 59.7 1.59e+03 0 0 0 3.66e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 90, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00171	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00171	7.27e-05	7.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 89, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00115	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00115	4.02e-05	4.02e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.02e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 88, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00178	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00178	7.79e-05	7.79e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.79e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 87, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.96e-05	3.96e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.96e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 86, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.35e-05	3.35e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.35e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 85, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00189	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00189	8.54e-05	8.54e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.54e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 84, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00194	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00194	8.85e-05	8.85e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.85e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 83, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00125	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00125	4.5e-05	4.5e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.5e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 82, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00157	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00157	6.39e-05	6.39e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.39e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 81, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00193	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00193	8.78e-05	8.78e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.78e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 80, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0016	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0016	6.57e-05	6.57e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.57e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 79, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00125	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00125	4.51e-05	4.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 78, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0022	0	0	0	Top_PMT_Body_133	initStep

1 374 59.7 1.59e+03 0 0.0022 0.000108 0.000108 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 0.000108 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 77, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00135	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00135	5.07e-05	5.07e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.07e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 76, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00195	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00195	8.96e-05	8.96e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.96e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 75, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00154	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00154	6.18e-05	6.18e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.18e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 74, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.51e-05	3.51e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.51e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 73, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00272	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00272	0.000154	0.000154	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000154	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 72, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00124	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00124	4.46e-05	4.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 71, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00111	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00111	3.82e-05	3.82e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.82e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 70, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00133	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00133	4.95e-05	4.95e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.95e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 69, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00216	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00216	0.000106	0.000106	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000106	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 68, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00217	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00217	0.000106	0.000106	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000106	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 67, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00118	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00118	4.17e-05	4.17e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.17e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 66, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0011	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0011	3.77e-05	3.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 65, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.49e-05	3.49e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.49e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 64, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.87e-05	6.87e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.87e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 63, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00237	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00237	0.000122	0.000122	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000122	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 62, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00102	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00102	3.34e-05	3.34e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 3.34e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 61, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00105	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00105	3.52e-05	3.52e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.52e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 60, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00201	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00201	9.4e-05	9.4e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.4e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 59, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00208	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00208	9.9e-05	9.9e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.9e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 58, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00206	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00206	9.74e-05	9.74e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.74e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 57, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00132	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00132	4.9e-05	4.9e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.9e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 56, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00142	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00142	5.46e-05	5.46e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.46e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 55, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00129	4.72e-05	4.72e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.72e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 54, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00112	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00112	3.86e-05	3.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 53, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.13e-05	6.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 52, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00136	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00136	5.1e-05	5.1e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.1e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 51, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00156	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00156	6.29e-05	6.29e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.29e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 50, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00129	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00129	4.74e-05	4.74e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.74e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 49, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00205	0	0	0	Top_PMT_Body_133	initStep

1 374 59.7 1.59e+03 0 0.00205 9.68e-05 9.68e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 9.68e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 48, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00128	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00128	4.67e-05	4.67e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.67e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 47, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0012	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0012	4.27e-05	4.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 46, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00168	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00168	7.11e-05	7.11e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.11e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 45, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00262	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00262	0.000145	0.000145	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000145	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 44, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00117	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00117	4.1e-05	4.1e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.1e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 43, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00132	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00132	4.91e-05	4.91e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.91e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 42, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00126	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00126	4.59e-05	4.59e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.59e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 41, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0012	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0012	4.26e-05	4.26e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.26e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 40, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0012	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0012	4.24e-05	4.24e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.24e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 39, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00169	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00169	7.13e-05	7.13e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.13e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 38, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00199	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00199	9.27e-05	9.27e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	9.27e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 37, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00301	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00301	0.000184	0.000184	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000184	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 36, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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0	374	59.7	1.59e+03	0.00113	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00113	3.88e-05	3.88e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.88e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 35, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00178	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00178	7.76e-05	7.76e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.76e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 34, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00289	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00289	0.000172	0.000172	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000172	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 33, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00152	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00152	6.05e-05	6.05e-05	Top_PMT_Body_133	eloni

2 374 59.7 1.59e+03 0 0 0 6.05e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 32, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.88e-05	6.88e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.88e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 31, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00103	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00103	3.43e-05	3.43e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.43e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 30, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00275	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00275	0.000158	0.000158	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000158	Top_PMT_Body_133	S1

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* G4Track Information: Particle = e-, Track ID = 29, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00256	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00256	0.000139	0.000139	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000139	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 28, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00262	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00262	0.000145	0.000145	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000145	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 27, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.6e-05	3.6e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.6e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 26, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00116	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00116	4.07e-05	4.07e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.07e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 25, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0018	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0018	7.86e-05	7.86e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.86e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 24, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.88e-05	6.88e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.88e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 23, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00147	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00147	5.77e-05	5.77e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.77e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 22, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00146	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00146	5.69e-05	5.69e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	5.69e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 21, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00259	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00259	0.000142	0.000142	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000142	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 20, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00172	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00172	7.95e-05	7.95e-05	Top_PMT_Body_133	eloni

1 374 59.7 1.59e+03 0 0.00172 7.35e-05 7.35e-05 Top_PMT_Body_133 eloni
2 374 59.7 1.59e+03 0 0 0 7.35e-05 Top_PMT_Body_133 S1

* G4Track Information: Particle = e-, Track ID = 19, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00107	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00107	3.59e-05	3.59e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.59e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 18, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00165	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00165	6.87e-05	6.87e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.87e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 17, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00101	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00101	3.32e-05	3.32e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.32e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 16, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00173	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00173	7.42e-05	7.42e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	7.42e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 15, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00265	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0.0021	0.000545	4.42e-05	4.42e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0.0021	0.000101	0.000145	Top_PMT_Body_133	eloni
3	374	59.7	1.59e+03	0	0	0	0.000145	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 14, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00286	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00286	0.000168	0.000168	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.000168	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 13, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00194	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00194	8.89e-05	8.89e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	8.89e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 12, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0013	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0013	4.8e-05	4.8e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.8e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 11, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00155	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00155	6.25e-05	6.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 10, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00153	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00153	6.1e-05	6.1e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.1e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 9, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00246	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00246	0.00013	0.00013	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	0.00013	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 8, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00132	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00132	4.88e-05	4.88e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	4.88e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 7, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
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Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.000997	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.000997	3.25e-05	3.25e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.25e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 6, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00114	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.00114	3.95e-05	3.95e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	3.95e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 5, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.0016	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0	0.0016	6.57e-05	6.57e-05	Top_PMT_Body_133	eloni
2	374	59.7	1.59e+03	0	0	0	6.57e-05	Top_PMT_Body_133	S1

* G4Track Information: Particle = e-, Track ID = 4, Parent ID = 3

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	374	59.7	1.59e+03	0.00197	0	0	0	Top_PMT_Body_133	initStep
1	374	59.7	1.59e+03	0.00151	0.000457	3.28e-05	3.28e-05	Top_PMT_Body_133	msc


```

. . . . . Top_PMT_Vacuum_133
2 374 59.7 1.59e+03 0.00134 0.000175 3.28e-05 6.57e-05 Top_PMT_Body_133 msc
3 374 59.7 1.59e+03 0 0.00134 3.28e-05 9.85e-05 Top_PMT_Body_133 msc
4 374 59.7 1.59e+03 0 0 0 9.85e-05 Top_PMT_Body_133 S1

```

* G4Track Information: Particle = Tl208[39.9], Track ID = 2, Parent ID = 1

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	389	85.3	1.59e+03	0.117	0	0	0	Top_PMT_Vacuum_133	initStep
1	399	101	1.58e+03	0.117	2.58e-21	18.6	18.6	Top_PMT_Body_133	Transportation
2	399	101	1.58e+03	0	0.117	4.08e-05	18.6	Top_PMT_Body_133	msc
3	399	101	1.58e+03	0	0	0	18.6	Top_PMT_Body_133	S1

* G4Track Information: Particle = gamma, Track ID = 369, Parent ID = 2

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	399	101	1.58e+03	0.0399	0	0	0	Top_PMT_Body_133	initStep
1	399	101	1.58e+03	0.0399	0	1.64e-05	1.64e-05	Top_PMT_Vacuum_133	Transportation
2	411	56.6	1.56e+03	0.0399	0	50.6	50.6	Top_PMT_Body_133	Transportation
3	411	55.9	1.56e+03	0.0399	0	0.78	51.4	Top_PMT_Vacuum_133	Transportation
4	414	44.9	1.56e+03	0.0399	0	12.5	63.9	Top_PMT_Body_133	Transportation
5	415	43.9	1.56e+03	0.0399	0	1.14	65	GaseousSkinXenonBank	Transportation
6	415	41.8	1.56e+03	0.0399	0	2.32	67.3	Top_PMT_Rod2_116	Transportation
7	416	40.3	1.56e+03	0.0381	3.59e-05	1.68	69	Top_PMT_Rod2_116	compt
8	412	38.1	1.55e+03	0.0381	0	4.85	73.9	GaseousSkinXenonBank	Transportation
9	403	32.6	1.55e+03	0	8.97e-05	11.7	85.5	GaseousSkinXenonBank	phot

* G4Track Information: Particle = e-, Track ID = 375, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.6	1.55e+03	4.79e-05	0	0	0	GaseousSkinXenonBank	initStep
1	403	32.6	1.55e+03	0	4.79e-05	0.000877	0.000877	GaseousSkinXenonBank	eloni
2	403	32.6	1.55e+03	0	0	0	0.000877	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 374, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.6	1.55e+03	0.00054	0	0	0	GaseousSkinXenonBank	initStep
1	403	32.6	1.55e+03	0	0.00054	0.00516	0.00516	GaseousSkinXenonBank	eloni
2	403	32.6	1.55e+03	0	0	0	0.00516	GaseousSkinXenonBank	S1

* G4Track Information: Particle = gamma, Track ID = 373, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.6	1.55e+03	0.0041	0	0	0	GaseousSkinXenonBank	initStep
1	403	32.8	1.55e+03	0	0.000927	0.654	0.654	GaseousSkinXenonBank	phot

* G4Track Information: Particle = e-, Track ID = 376, Parent ID = 373

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.8	1.55e+03	0.00317	0	0	0	GaseousSkinXenonBank	initStep
1	403	32.8	1.55e+03	0	0.00317	0.0611	0.0611	GaseousSkinXenonBank	eloni
2	403	32.8	1.55e+03	0	0	0	0.0611	GaseousSkinXenonBank	S1

* G4Track Information: Particle = gamma, Track ID = 372, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.6	1.55e+03	0.0298	0	0	0	GaseousSkinXenonBank	initStep
1	399	30.8	1.55e+03	0.0298	0	5.81	5.81	Top_PMT_Rod1_133	Transportation
2	395	29.4	1.56e+03	0.0271	1.71e-05	4.77	10.6	Top_PMT_Rod1_133	compt
3	399	30.7	1.55e+03	0.0271	0	3.86	14.4	GaseousSkinXenonBank	Transportation
4	401	31.6	1.55e+03	0	0.00086	2.63	17.1	GaseousSkinXenonBank	phot

* G4Track Information: Particle = e-, Track ID = 382, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	401	31.6	1.55e+03	4.45e-05	0	0	0	GaseousSkinXenonBank	initStep
1	401	31.6	1.55e+03	0	4.45e-05	0.000845	0.000845	GaseousSkinXenonBank	eloni
2	401	31.6	1.55e+03	0	0	0	0.000845	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 381, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	401	31.6	1.55e+03	0.000599	0	0	0	GaseousSkinXenonBank	initStep
1	401	31.6	1.55e+03	0	0.000599	0.00585	0.00585	GaseousSkinXenonBank	eloni
2	401	31.6	1.55e+03	0	0	0	0.00585	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 380, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	401	31.6	1.55e+03	0.000101	0	0	0	GaseousSkinXenonBank	initStep
1	401	31.6	1.55e+03	0	0.000101	0.00127	0.00127	GaseousSkinXenonBank	eloni
2	401	31.6	1.55e+03	0	0	0	0.00127	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 379, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	401	31.6	1.55e+03	0.00317	0	0	0	GaseousSkinXenonBank	initStep
1	401	31.6	1.55e+03	0	0.00317	0.0611	0.0611	GaseousSkinXenonBank	eloni
2	401	31.6	1.55e+03	0	0	0	0.0611	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 378, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	401	31.6	1.55e+03	0.0223	0	0	0	GaseousSkinXenonBank	initStep
1	401	31.6	1.55e+03	0.0215	0.000809	0.217	0.217	GaseousSkinXenonBank	msc
2	401	31.6	1.55e+03	0.0209	0.000677	0.191	0.408	GaseousSkinXenonBank	msc
3	401	31.6	1.55e+03	0.0189	0.00193	0.205	0.614	GaseousSkinXenonBank	msc
4	401	31.5	1.55e+03	0.0165	0.00243	0.239	0.852	GaseousSkinXenonBank	msc
5	401	31.5	1.55e+03	0.0123	0.00417	0.261	1.11	GaseousSkinXenonBank	msc
6	401	31.4	1.55e+03	0.00813	0.00419	0.271	1.38	GaseousSkinXenonBank	eloni
7	401	31.5	1.55e+03	0.00406	0.00408	0.193	1.58	GaseousSkinXenonBank	eloni
8	401	31.5	1.55e+03	0	0.00406	0.091	1.67	GaseousSkinXenonBank	eloni
9	401	31.5	1.55e+03	0	0	0	1.67	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 377, Parent ID = 372

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	395	29.4	1.56e+03	0.00265	0	0	0	Top_PMT_Rod1_133	initStep
1	395	29.4	1.56e+03	0	0.00265	0.000148	0.000148	Top_PMT_Rod1_133	eloni
2	395	29.4	1.56e+03	0	0	0	0.000148	Top_PMT_Rod1_133	S1

* G4Track Information: Particle = e-, Track ID = 371, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	403	32.6	1.55e+03	0.00352	0	0	0	GaseousSkinXenonBank	initStep
1	403	32.6	1.55e+03	0	0.00352	0.0723	0.0723	GaseousSkinXenonBank	eloni
2	403	32.6	1.55e+03	0	0	0	0.0723	GaseousSkinXenonBank	S1

* G4Track Information: Particle = e-, Track ID = 370, Parent ID = 369

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	416	40.3	1.56e+03	0.00174	0	0	0	Top_PMT_Rod2_116	initStep
1	416	40.3	1.56e+03	0	0.00174	7.5e-05	7.5e-05	Top_PMT_Rod2_116	eloni
2	416	40.3	1.56e+03	0	0	0	7.5e-05	Top_PMT_Rod2_116	S1

* G4Track Information: Particle = TI208[0.0], Track ID = 368, Parent ID = 2

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng	NextVolume	ProcName
0	399	101	1.58e+03	0	0	0	0	Top_PMT_Body_133	initStep
1	399	101	1.58e+03	0	0	0	0	Top_PMT_Body_133	S1

Processing event 0 at 0 seconds.

Output saved to ./lz_pmtTh_decaychain_1mBqPMT_1e6_100040.bin

Run terminated.

Run Summary

Number of events processed : 1

User=0.12s Real=0.26s Sys=0.07000000000000001s

Run 0 time to completion: 0 seconds

Idle> Write failed: Broken pipe

bhawnas-MacBook-Pro:~ gomber\$

GammaXRelated work
(Paolo Files)

Uranium Decay chain

Attaching file lz_pmtU_decaychain_1mBqPMT_1e6_125.root as
_file0...

root [1] header->Show(0)

=====> EVENT:0

iNumRecords = 1810724
sPT = BST: Fri Oct 10 20:50:43 2014

sG4V = geant4-09-05-patc h-02
sSV = Revision: 790
sUN = eddie390

sIC = /control/execute
LUXSimMacros/pmtU_decaychain_5.mac
/run/verbose 1
/control/verbose 0
/tracking/verbose 0
/grdm/verbose 0
/LUXSim/io/outputDir
/exports/work/physics_ifnp_darkmatter/data/LZSim/bin/pmt/decaychain
/LUXSim/physicsList/useOpticalProcesses false
/LUXSim/detector/muonVeto on
/LUXSim/detector/select LZDetector
/LUXSim/detector/update
/LUXSim/detector/recordLevel LiquidXenonTarget 2
/LUXSim/detector/recordLevel InnerLiquidXenon 2
/LUXSim/detector/recordLevel LiquidSkinXenonBank 2
/LUXSim/detector/recordLevel LiquidSkinXenon 2
/LUXSim/detector/recordLevel LiquidSideSkinXenon 2
/LUXSim/detector/recordLevel LiquidBottomSkinXenon 2
/LUXSim/detector/recordLevel ScintillatorCenter 2
/LUXSim/detector/recordLevel ScintillatorSide 2
/LUXSim/detector/recordLevel Scintillator 2
/LUXSim/source/set Top_PMT_Vacuum DecayChain_U238 1 mBq 10.e6 yr
/LUXSim/source/set Bottom_PMT_Vacuum DecayChain_U238 1 mBq 10.e6 yr

```
/LUXSim/io/outputName lz_pmtU_decaychain_1mBqPMT_1e6_  
/LUXSim/randomSeed 100025  
/LUXSim/beamOn 1000000
```

```
/grdm/allVolumes
```

Thorium Decay CHain

```
Attaching file lz_pmtTh_decaychain_1mBqPMT_1e6_140.root as _file0...
```

```
root [1] header->Show(0)
```

```
=====> EVENT:0
```

```
iNumRecords = 1643404
```

```
sPT = BST: Sat Oct 11 13:41:50 2014
```

```
sG4V = geant4-09-05-patch-02
```

```
sSV = Revision: 790
```

```
sUN = eddie297
```

```
sIC = /control/execute LUXSimMacros/pmtTh_decaychain_8.mac
```

```
/run/verbose 1
```

```
/control/verbose 0
```

```
/tracking/verbose 0
```

```
/grdm/verbose 0
```

```
/LUXSim/io/outputDir /exports/work/physics_ifnp_darkmatter/data/LZSim/bin/pmt/decaychain
```

```
/LUXSim/physicsList/useOpticalProcesses false
```

```
/LUXSim/detector/muonVeto on
```

```
/LUXSim/detector/select LZDetector
```

```
/LUXSim/detector/update
```

```
/LUXSim/detector/recordLevel LiquidXenonTarget 2
```

```
/LUXSim/detector/recordLevel InnerLiquidXenon 2
```

```
/LUXSim/detector/recordLevel LiquidSkinXenonBank 2
```

```
/LUXSim/detector/recordLevel LiquidSkinXenon 2
```

```
/LUXSim/detector/recordLevel LiquidSideSkinXenon 2
```

```
/LUXSim/detector/recordLevel LiquidBottomSkinXenon 2
```



```
/LUXSim/detector/recordLevel ScintillatorCenter 2
/LUXSim/detector/recordLevel ScintillatorSide 2
/LUXSim/detector/recordLevel Scintillator 2
/LUXSim/source/set Top_PMT_Vacuum DecayChain_Th232 1 mBq 100 yr
/LUXSim/source/set Bottom_PMT_Vacuum DecayChain_Th232 1 mBq 100 yr
/LUXSim/io/outputName lz_pmtTh_decaychain_1mBqPMT_1e6_
/LUXSim/randomSeed 100040
/LUXSim/beamOn 1000000
/grdm/allVolumes
/process/inactivate Cerenkov
/run/physicsModified
```

Pottasium Decay

```
root [1] header->Show(0)
```

```
=====> EVENT:0
```

```
iNumRecords    = 3921261
```

```
sPT            = BST: Wed Oct 15 18:25:43 2014
```

```
sG4V           = geant4-09-05-patch-02
```

```
sSV            = Revision: 790
```

```
sUN            = eddie422
```

```
sIC            = /control/execute LUXSimMacros/pmtK_gdecay_5.mac
```

```
/run/verbose 1
```

```
/control/verbose 0
```

```
/tracking/verbose 0
```

```
/grdm/verbose 0
/LUXSim/io/outputDir /exports/work/physics_ifnp_darkmatter/data/LZSim/bin/pmt/gdecay
/LUXSim/physicsList/useOpticalProcesses false
/LUXSim/detector/muonVeto on
/LUXSim/detector/select LZDetector
/LUXSim/detector/update
/LUXSim/detector/recordLevel LiquidXenonTarget 2
/LUXSim/detector/recordLevel InnerLiquidXenon 2
/LUXSim/detector/recordLevel LiquidSkinXenonBank 2
/LUXSim/detector/recordLevel LiquidSkinXenon 2
/LUXSim/detector/recordLevel LiquidSideSkinXenon 2
/LUXSim/detector/recordLevel LiquidBottomSkinXenon 2
/LUXSim/detector/recordLevel ScintillatorCenter 2
/LUXSim/detector/recordLevel ScintillatorSide 2
/LUXSim/detector/recordLevel Scintillator 2
/LUXSim/source/set Top_PMT_Vacuum SingleDecay_40_19 1. mBq
/LUXSim/source/set Bottom_PMT_Vacuum SingleDecay_40_19 1. mBq
/LUXSim/io/outputName lz_pmtK_gdecay_1mBqPMT_1e6_
/LUXSim/randomSeed 100025
/LUXSim/beamOn 1000000
```

Cobalt Decay

```
root [2] header->Show(0)
```

```
=====> EVENT:0
```

```
iNumRecords = 4522111
```

```
sPT = BST: Wed Oct 15 16:25:40 2014
```

```
sG4V = geant4-09-05-patch-02
```

```
sSV = Revision: 790
```

```
sUN = eddie390
```

```
sIC      = /control/execute LUXSimMacros/pmtCo_gdecay_9.mac
/run/verbose 1
/control/verbose 0
/tracking/verbose 0
/grdm/verbose 0
/LUXSim/io/outputDir /exports/work/physics_ifnp_darkmatter/data/LZSim/bin/pmt/gdecay
/LUXSim/physicsList/useOpticalProcesses false
/LUXSim/detector/muonVeto on
/LUXSim/detector/select LZDetector
/LUXSim/detector/update
/LUXSim/detector/recordLevel LiquidXenonTarget 2
/LUXSim/detector/recordLevel InnerLiquidXenon 2
/LUXSim/detector/recordLevel LiquidSkinXenonBank 2
/LUXSim/detector/recordLevel LiquidSkinXenon 2
/LUXSim/detector/recordLevel LiquidSideSkinXenon 2
/LUXSim/detector/recordLevel LiquidBottomSkinXenon 2
/LUXSim/detector/recordLevel ScintillatorCenter 2
/LUXSim/detector/recordLevel ScintillatorSide 2
/LUXSim/detector/recordLevel Scintillator 2
/LUXSim/source/set Top_PMT_Vacuum SingleDecay_60_27 1 mBq
/LUXSim/source/set Bottom_PMT_Vacuum SingleDecay_60_27 1 mBq
/LUXSim/io/outputName lz_pmtCo_gdecay_1mBqPMT_1e6_
/LUXSim/randomSeed 100045

/LUXSim/beamOn 1000000
/grdm/allVolumes
/process/inactivate Cerenkov
/run/physicsModified
```