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Run 0 start.

* G4Track Information: Particle = opticalphoton, Track ID = 1,
Parent ID = 0

Step#	X (mm)	Y (mm)	Z (mm)	KinE (MeV)	dE (MeV)	StepLeng	TrackLeng
0	-397	399	1.47e+03	7.26e-06	0	0	0
LiquidXenonTarget	initStep						
1	-374	354	1.26e+03	7.26e-06	0	217	217
LiquidXenonTarget	OpRayleigh						
2	-348	365	1.2e+03	7.26e-06	0	63.8	281
LiquidXenonTarget	OpRayleigh						
3	-319	606	1.15e+03	7.26e-06	0	249	530
LiquidXenonTarget	OpRayleigh						
4	-389	407	1.06e+03	7.26e-06	0	229	759
LiquidXenonTarget	OpRayleigh						
5	-310	207	1.31e+03	7.26e-06	0	334	1.09e+03
LiquidXenonTarget	OpRayleigh						
6	-310	206	1.31e+03	7.26e-06	0	1.64	1.09e+03
LiquidXenonTarget	OpRayleigh						
7	-305	673	1.43e+03	7.26e-06	0	481	1.58e+03
PTFEWallsInLiquid	Transportation						
8	-305	673	1.43e+03	7.26e-06	0	0	1.58e+03
LiquidXenonTarget	Transportation						
9	-324	657	1.43e+03	7.26e-06	0	25.2	1.6e+03
LiquidXenonTarget	OpRayleigh						
10	-344	654	1.42e+03	7.26e-06	0	21.7	1.62e+03
PTFEWallsInLiquid	Transportation						
11	-344	654	1.42e+03	7.26e-06	0	0	1.62e+03
LiquidXenonTarget	Transportation						
12	-348	646	1.43e+03	7.26e-06	0	8.79	1.63e+03
LiquidXenonTarget	OpRayleigh						
13	-356	647	1.46e+03	7.26e-06	0	31.5	1.66e+03
PTFEWallsInLiquid	Transportation						
14	-356	647	1.46e+03	7.26e-06	0	0	1.66e+03
LiquidXenonTarget	Transportation						
15	-112	688	1.43e+03	7.26e-06	0	249	1.91e+03
LiquidXenonTarget	OpRayleigh						
16	-192	637	1.48e+03	7.26e-06	0	105	2.02e+03
LXeTargetGateGridHolder	Transportation						
17	-192	637	1.48e+03	7.26e-06	0	0.237	2.02e+03
LiquidXenonTarget	Transportation						
18	-201	632	1.48e+03	7.26e-06	0	11.3	2.03e+03
InnerGaseousXenon	Transportation						
19	-201	632	1.48e+03	7.26e-06	0	0	2.03e+03
LiquidXenonTarget	Transportation						

20	-209	626	1.48e+03	7.26e-06	0	11.3	2.04e+03
LXeTargetGateGridHolder	Transportation						
21	-209	626	1.48e+03	7.26e-06	0	0.237	2.04e+03
LiquidXenonTarget	Transportation						
22	-652	348	1.22e+03	7.26e-06	0	581	2.62e+03
PTFEWallsInLiquid	Transportation						
23	-652	348	1.22e+03	7.26e-06	0	0	2.62e+03
LiquidXenonTarget	Transportation						
24	-283	305	1.28e+03	7.26e-06	0	377	3e+03
LiquidXenonTarget	OpRayleigh						
25	-300	284	1.27e+03	7.26e-06	0	31.7	3.03e+03
LiquidXenonTarget	OpRayleigh						
26	-281	338	1.22e+03	7.26e-06	0	74.2	3.1e+03
LiquidXenonTarget	OpRayleigh						
27	-380	0.151	1.34e+03	7.26e-06	0	371	3.47e+03
LiquidXenonTarget	OpRayleigh						
28	-405	21.5	1.32e+03	7.26e-06	0	35.4	3.51e+03
LiquidXenonTarget	OpRayleigh						
29	-385	6.65	1.32e+03	7.26e-06	0	25.6	3.54e+03
LiquidXenonTarget	OpRayleigh						
30	-552	-440	1.32e+03	7.26e-06	0	477	4.01e+03
LiquidXenonTarget	OpRayleigh						
31	-551	-430	1.32e+03	7.26e-06	0	10.7	4.02e+03
LiquidXenonTarget	OpRayleigh						
32	-580	-458	1.33e+03	7.26e-06	0	40.3	4.06e+03
PTFEWallsInLiquid	Transportation						
33	-580	-458	1.33e+03	7.26e-06	0	0	4.06e+03
LiquidXenonTarget	Transportation						
34	-164	-120	1.48e+03	7.26e-06	0	556	4.62e+03
LXeTargetGateGridHolder	Transportation						
35	-164	-120	1.48e+03	7.26e-06	0	0.387	4.62e+03
LiquidXenonTarget	Transportation						
36	-150	-109	1.48e+03	7.26e-06	0	18.5	4.64e+03
InnerGaseousXenon	Transportation						
37	-150	-109	1.48e+03	7.26e-06	0	0	4.64e+03
LiquidXenonTarget	Transportation						
38	-136	-97.7	1.48e+03	7.26e-06	0	18.5	4.66e+03
LXeTargetGateGridHolder	Transportation						
39	-136	-97.4	1.48e+03	7.26e-06	0	0.387	4.66e+03
LiquidXenonTarget	Transportation						
40	97.2	91.9	1.39e+03	7.26e-06	0	312	4.97e+03
LiquidXenonTarget	OpRayleigh						
41	-263	18.1	1.14e+03	7.26e-06	0	445	5.41e+03
LiquidXenonTarget	OpRayleigh						
42	-268	36.9	1.14e+03	7.26e-06	0	19.6	5.43e+03
LiquidXenonTarget	OpRayleigh						
43	-342	-33.7	1.09e+03	7.26e-06	0	113	5.55e+03
LiquidXenonTarget	OpRayleigh						
44	-425	165	1.11e+03	7.26e-06	0	217	5.76e+03
LiquidXenonTarget	OpRayleigh						
45	-400	-57.9	1.07e+03	7.26e-06	0	227	5.99e+03
LiquidXenonTarget	OpRayleigh						
46	60.8	-488	1.14e+03	7.26e-06	0	634	6.63e+03
LiquidXenonTarget	OpRayleigh						

47	220	-651	977	7.26e-06	0	283	6.91e+03
LiquidXenonTarget	OpRayleigh						
48	231	-662	1e+03	7.26e-06	0	28.4	6.94e+03
LiquidXenonTarget	OpRayleigh						
49	294	-678	947	7.26e-06	0	85.1	7.02e+03
PTFEWallsInLiquid	Transportation						
50	294	-678	947	7.26e-06	0	0	7.02e+03
LiquidXenonTarget	Transportation						
51	246	-598	943	7.26e-06	0	93.2	7.11e+03
LiquidXenonTarget	OpRayleigh						
52	247	-599	943	7.26e-06	0	1.44	7.12e+03
LiquidXenonTarget	OpRayleigh						
53	247	-693	882	7.26e-06	0	112	7.23e+03
LiquidXenonTarget	OpRayleigh						
54	268	-641	940	7.26e-06	0	80.4	7.31e+03
LiquidXenonTarget	OpRayleigh						
55	249	-447	1.09e+03	7.26e-06	0	244	7.55e+03
LiquidXenonTarget	OpRayleigh						
56	255	-412	1.14e+03	7.26e-06	0	66.1	7.62e+03
LiquidXenonTarget	OpRayleigh						
57	306	-222	1.36e+03	7.26e-06	0	296	7.91e+03
LiquidXenonTarget	OpRayleigh						
58	374	-188	1.4e+03	7.26e-06	0	85.4	8e+03
LiquidXenonTarget	OpRayleigh						
59	515	-179	1.37e+03	7.26e-06	0	146	8.15e+03
LiquidXenonTarget	OpRayleigh						
60	522	-44.6	1.31e+03	7.26e-06	0	147	8.29e+03
LiquidXenonTarget	OpRayleigh						
61	464	-155	1.46e+03	7.26e-06	0	196	8.49e+03
LiquidXenonTarget	OpRayleigh						
62	487	-456	1.32e+03	7.26e-06	0	333	8.82e+03
LiquidXenonTarget	OpRayleigh						
63	428	-517	1.33e+03	7.26e-06	0	84.9	8.91e+03
LiquidXenonTarget	OpRayleigh						
64	352	-540	1.26e+03	7.26e-06	0	109	9.02e+03
LiquidXenonTarget	OpRayleigh						
65	421	-608	1.31e+03	7.26e-06	0	110	9.13e+03
PTFEWallsInLiquid	Transportation						
66	421	-608	1.31e+03	7.26e-06	0	0	9.13e+03
LiquidXenonTarget	Transportation						
67	520	-525	1.32e+03	7.26e-06	0	129	9.26e+03
PTFEWallsInLiquid	Transportation						
68	520	-525	1.32e+03	7.26e-06	0	0	9.26e+03
LiquidXenonTarget	Transportation						
69	507	-171	1.48e+03	7.26e-06	0	389	9.64e+03
LXeTargetGateGridHolder	Transportation						
70	507	-171	1.48e+03	7.26e-06	0	0.251	9.64e+03
LiquidXenonTarget	Transportation						
71	507	-160	1.48e+03	7.26e-06	0	12	9.66e+03
InnerGaseousXenon	Transportation						
72	507	-160	1.48e+03	7.26e-06	0	0	9.66e+03
LiquidXenonTarget	Transportation						
73	506	-149	1.48e+03	7.26e-06	0	12	9.67e+03
LXeTargetGateGridHolder	Transportation						

74	506	-149	1.48e+03	7.26e-06	0	0.251	9.67e+03
LiquidXenonTarget	Transportation						
75	503	-61.9	1.44e+03	7.26e-06	0	95.7	9.76e+03
LiquidXenonTarget	OpRayleigh						
76	354	66.6	1.46e+03	7.26e-06	0	198	9.96e+03
LiquidXenonTarget	OpRayleigh						
77	367	68.3	1.46e+03	7.26e-06	0	12.5	9.98e+03
LiquidXenonTarget	OpRayleigh						
78	368	62.5	1.46e+03	7.26e-06	0	5.99	9.98e+03
LiquidXenonTarget	OpRayleigh						
79	314	88.3	1.48e+03	7.26e-06	0	61.4	1e+04
LXeTargetGateGridHolder	Transportation						
80	313	88.5	1.48e+03	7.26e-06	0	0.499	1e+04
LiquidXenonTarget	Transportation						
81	292	98.5	1.48e+03	7.26e-06	0	23.8	1.01e+04
InnerGaseousXenon	Transportation						
82	292	98.5	1.48e+03	7.26e-06	0	0	1.01e+04
LiquidXenonTarget	Transportation						
83	271	109	1.48e+03	7.26e-06	0	23.8	1.01e+04
LXeTargetGateGridHolder	Transportation						
84	271	109	1.48e+03	7.26e-06	0	0.499	1.01e+04
LiquidXenonTarget	Transportation						
85	222	132	1.46e+03	7.26e-06	0	55.3	1.01e+04
LiquidXenonTarget	OpRayleigh						
86	146	98.5	1.06e+03	7.26e-06	0	412	1.06e+04
LiquidXenonTarget	OpRayleigh						
87	103	239	1.07e+03	7.26e-06	0	147	1.07e+04
LiquidXenonTarget	OpRayleigh						
88	161	268	1.25e+03	7.26e-06	0	187	1.09e+04
LiquidXenonTarget	OpRayleigh						
89	297	377	1.41e+03	7.26e-06	0	236	1.11e+04
LiquidXenonTarget	OpRayleigh						
90	303	307	1.21e+03	7.26e-06	0	212	1.13e+04
LiquidXenonTarget	OpRayleigh						
91	131	75.2	1.1e+03	7.26e-06	0	308	1.17e+04
LiquidXenonTarget	OpRayleigh						
92	160	229	1.31e+03	7.26e-06	0	261	1.19e+04
LiquidXenonTarget	OpRayleigh						
93	217	255	1.17e+03	7.26e-06	0	145	1.21e+04
LiquidXenonTarget	OpRayleigh						
94	216	153	930	7.26e-06	0	265	1.23e+04
LiquidXenonTarget	OpRayleigh						
95	173	87.5	1.25e+03	7.26e-06	0	328	1.26e+04
LiquidXenonTarget	OpRayleigh						
96	192	127	1.19e+03	7.26e-06	0	70.2	1.27e+04
LiquidXenonTarget	OpRayleigh						
97	209	223	904	7.26e-06	0	306	1.3e+04
LiquidXenonTarget	OpRayleigh						
98	279	579	1.03e+03	7.26e-06	0	383	1.34e+04
LiquidXenonTarget	OpRayleigh						
99	116	-417	1.13e+03	7.26e-06	0	1.01e+03	1.44e+04
LiquidXenonTarget	OpRayleigh						
100	131	-727	1.06e+03	7.26e-06	0	318	1.47e+04
PTFEWallsInLiquid	Transportation						

101	131	-727	1.06e+03	7.26e-06	0	0	1.47e+04
LiquidXenonTarget	Transportation						
102	-234	-485	968	7.26e-06	0	447	1.52e+04
LiquidXenonTarget	OpRayleigh						
103	-232	-492	953	7.26e-06	0	16.9	1.52e+04
LiquidXenonTarget	OpRayleigh						
104	-380	-371	987	7.26e-06	0	194	1.54e+04
LiquidXenonTarget	OpRayleigh						
105	-391	-415	971	7.26e-06	0	47.6	1.54e+04
LiquidXenonTarget	OpRayleigh						
106	-502	-542	824	7.26e-06	0	224	1.57e+04
PTFEWallsInLiquid	Transportation						
107	-502	-542	824	7.26e-06	0	0	1.57e+04
LiquidXenonTarget	Transportation						
108	-172	-523	832	7.26e-06	0	331	1.6e+04
LiquidXenonTarget	OpRayleigh						
109	136	-726	574	7.26e-06	0	450	1.65e+04
PTFEWallsInLiquid	Transportation						
110	136	-726	574	7.26e-06	0	0	1.65e+04
LiquidXenonTarget	Transportation						
111	233	-534	831	7.26e-06	0	336	1.68e+04
LiquidXenonTarget	OpRayleigh						
112	209	-709	655	7.26e-06	0	249	1.7e+04
PTFEWallsInLiquid	Transportation						
113	209	-709	655	7.26e-06	0	0	1.7e+04
LiquidXenonTarget	Transportation						
114	216	-472	526	7.26e-06	0	270	1.73e+04
LiquidXenonTarget	OpRayleigh						
115	260	-650	208	7.26e-06	0	367	1.77e+04
LiquidXenonTarget	OpRayleigh						
116	490	-15.5	511	7.26e-06	0	740	1.84e+04
LiquidXenonTarget	OpRayleigh						
117	386	-146	606	7.26e-06	0	192	1.86e+04
LiquidXenonTarget	OpRayleigh						
118	352	-135	616	7.26e-06	0	36.9	1.86e+04
LiquidXenonTarget	OpRayleigh						
119	362	-131	616	7.26e-06	0	10.7	1.87e+04
LiquidXenonTarget	OpRayleigh						
120	355	-133	613	7.26e-06	0	8.48	1.87e+04
LiquidXenonTarget	OpRayleigh						
121	556	-168	426	7.26e-06	0	276	1.89e+04
LiquidXenonTarget	OpRayleigh						
122	590	-201	357	7.26e-06	0	84.3	1.9e+04
LiquidXenonTarget	OpRayleigh						
123	614	-10.2	472	7.26e-06	0	224	1.92e+04
LiquidXenonTarget	OpRayleigh						
124	612	-21.1	450	7.26e-06	0	24.3	1.93e+04
LiquidXenonTarget	OpRayleigh						
125	610	42.8	696	7.26e-06	0	254	1.95e+04
LiquidXenonTarget	OpRayleigh						
126	494	12.6	606	7.26e-06	0	150	1.97e+04
LiquidXenonTarget	OpRayleigh						
127	359	105	774	7.26e-06	0	234	1.99e+04
LiquidXenonTarget	OpRayleigh						

128	556	378	927	7.26e-06	0	369	2.03e+04
LiquidXenonTarget	OpRayleigh						
129	458	336	1.04e+03	7.26e-06	0	159	2.04e+04
LiquidXenonTarget	OpRayleigh						
130	567	473	1.16e+03	7.26e-06	0	208	2.06e+04
PTFEWallsInLiquid	Transportation						
131	567	473	1.16e+03	7.26e-06	0	0	2.06e+04
LiquidXenonTarget	Transportation						
132	521	204	1.19e+03	7.26e-06	0	276	2.09e+04
LiquidXenonTarget	OpRayleigh						
133	446	455	1.33e+03	7.26e-06	0	293	2.12e+04
LiquidXenonTarget	OpRayleigh						
134	435	325	1.42e+03	7.26e-06	0	159	2.14e+04
LiquidXenonTarget	OpRayleigh						
135	378	597	1.45e+03	7.26e-06	0	280	2.17e+04
LiquidXenonTarget	OpRayleigh						
136	460	341	1.4e+03	7.26e-06	0	275	2.19e+04
LiquidXenonTarget	OpRayleigh						
137	591	343	1.16e+03	7.26e-06	0	271	2.22e+04
LiquidXenonTarget	OpRayleigh						
138	636	376	1.15e+03	7.26e-06	0	56	2.23e+04
PTFEWallsInLiquid	Transportation						
139	636	376	1.15e+03	7.26e-06	0	0	2.23e+04
LiquidXenonTarget	Transportation						
140	604	379	1.14e+03	7.26e-06	0	33.2	2.23e+04
LiquidXenonTarget	OpRayleigh						
141	631	384	1.1e+03	7.26e-06	0	48.4	2.23e+04
PTFEWallsInLiquid	Transportation						
142	631	384	1.1e+03	7.26e-06	0	0	2.23e+04
LiquidXenonTarget	Transportation						
143	328	1.83	1.23e+03	7.26e-06	0	503	2.28e+04
LiquidXenonTarget	OpRayleigh						
144	362	-75.6	1.45e+03	7.26e-06	0	237	2.31e+04
LiquidXenonTarget	OpRayleigh						
145	363	-78.6	1.45e+03	7.26e-06	0	3.3	2.31e+04
LiquidXenonTarget	OpRayleigh						
146	334	-87.8	1.4e+03	7.26e-06	0	56.6	2.31e+04
LiquidXenonTarget	OpRayleigh						
147	477	-459	1.19e+03	7.26e-06	0	449	2.36e+04
LiquidXenonTarget	OpRayleigh						
148	312	186	1.38e+03	7.26e-06	0	690	2.43e+04
LiquidXenonTarget	OpRayleigh						
149	329	281	1.48e+03	7.26e-06	0	139	2.44e+04
LXeTargetGateGridHolder	Transportation						
150	329	281	1.48e+03	7.26e-06	0	0.145	2.44e+04
LiquidXenonTarget	Transportation						
151	330	286	1.48e+03	7.26e-06	0	6.91	2.44e+04
InnerGaseousXenon	Transportation						
152	330	286	1.48e+03	7.26e-06	0	0	2.44e+04
LiquidXenonTarget	Transportation						
153	331	291	1.48e+03	7.26e-06	0	6.91	2.44e+04
LXeTargetGateGridHolder	Transportation						
154	331	291	1.48e+03	7.26e-06	0	0.145	2.44e+04
LiquidXenonTarget	Transportation						

155	367	487	1.27e+03	7.26e-06	0	285	2.47e+04
LiquidXenonTarget	OpRayleigh						
156	428	602	1.16e+03	7.26e-06	0	174	2.49e+04
PTFEWallsInLiquid	Transportation						
157	428	602	1.16e+03	7.26e-06	0	0	2.49e+04
LiquidXenonTarget	Transportation						
158	325	587	1.16e+03	7.26e-06	0	105	2.5e+04
LiquidXenonTarget	OpRayleigh						
159	311	584	1.14e+03	7.26e-06	0	25.7	2.5e+04
LiquidXenonTarget	OpRayleigh						
160	-23.6	718	1.17e+03	7.26e-06	0	362	2.54e+04
LiquidXenonTarget	OpRayleigh						
161	-15.4	739	1.18e+03	7.26e-06	0	25.2	2.54e+04
PTFEWallsInLiquid	Transportation						
162	-15.4	739	1.18e+03	7.26e-06	0	0	2.54e+04
LiquidXenonTarget	Transportation						
163	-84.7	603	1.16e+03	7.26e-06	0	154	2.56e+04
LiquidXenonTarget	OpRayleigh						
164	-265	690	1.32e+03	7.26e-06	0	256	2.58e+04
PTFEWallsInLiquid	Transportation						
165	-265	690	1.32e+03	7.26e-06	0	0	2.58e+04
LiquidXenonTarget	Transportation						
166	-30.3	66.2	1.46e+03	7.26e-06	0	680	2.65e+04
LiquidXenonTarget	OpRayleigh						
167	-37	-240	1.36e+03	7.26e-06	0	322	2.68e+04
LiquidXenonTarget	OpRayleigh						
168	-22.3	-437	1.25e+03	7.26e-06	0	223	2.7e+04
LiquidXenonTarget	OpAbsorption						

Processing event 0 at 1 seconds.

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	-572	197	15.9	7.15e-06	0	0	0
LiquidXenonTarget	initStep						
1	-580	204	1e-09	7.15e-06	0	18.9	18.9
InnerLiquidXenon	Transportation						
2	-582	205	-3.9	7.15e-06	0	4.63	23.6
InnerLiquidXenonCathodeGridHolder	Transportation						
3	-582	205	-4.1	7.15e-06	0	0.247	23.8
InnerLiquidXenon	Transportation						
4	-609	228	-58.8	7.15e-06	0	65.1	88.9
InnerLiquidXenon	OpRayleigh						
5	-599	213	-54.8	7.15e-06	0	18.1	107
InnerLiquidXenon	OpRayleigh						
6	-616	263	-4.1	7.15e-06	0	73.1	180
InnerLiquidXenonCathodeGridHolder	Transportation						

7	-616	264	-3.9	7.15e-06	0	0.3	180
InnerLiquidXenon	Transportation						
8	-617	267	1e-09	7.15e-06	0	5.61	186
LiquidXenonTarget	Transportation						
9	-618	271	4.1	7.15e-06	0	5.91	192
LiquidXenonTarget	OpRayleigh						
10	-612	300	1e-09	7.15e-06	0	29.1	221
InnerLiquidXenon	Transportation						
11	-606	326	-3.9	7.15e-06	0	27.7	249
InnerLiquidXenonCathodeGridHolder	Transportation						
12	-605	328	-4.1	7.15e-06	0	1.48	250
InnerLiquidXenon	Transportation						
13	-573	467	-24.4	7.15e-06	0	144	394
PTFEWallsInLiquid	Transportation						
14	-573	467	-24.4	7.15e-06	0	0	394
InnerLiquidXenon	Transportation						
15	-565	461	-22.9	7.15e-06	0	9.82	404
InnerLiquidXenon	OpRayleigh						
16	-284	89.1	-140	7.15e-06	0	481	885
InnerLiquidXenonBottomGridHolder	Transportation						
17	-283	88.4	-140	7.15e-06	0	0.855	886
InnerLiquidXenon	Transportation						
18	-264	63.4	-148	7.15e-06	0	32.4	918
BottomPTFELiner	Transportation						
19	-264	63.4	-148	7.15e-06	0	0	918
InnerLiquidXenon	Transportation						
20	-255	78.7	-140	7.15e-06	0	19.6	938
InnerLiquidXenonBottomGridHolder	Transportation						
21	-255	79.1	-140	7.15e-06	0	0.516	938
InnerLiquidXenon	Transportation						
22	-202	167	-94.7	7.15e-06	0	112	1.05e+03
InnerLiquidXenon	OpRayleigh						
23	-214	187	-95.7	7.15e-06	0	22.7	1.07e+03
InnerLiquidXenon	OpRayleigh						
24	-50.8	88.6	-4.1	7.15e-06	0	211	1.28e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
25	-50.4	88.4	-3.9	7.15e-06	0	0.479	1.28e+03
InnerLiquidXenon	Transportation						
26	-43.5	84.3	1e-09	7.15e-06	0	8.97	1.29e+03
LiquidXenonTarget	Transportation						
27	236	-84.2	157	7.15e-06	0	363	1.66e+03
LiquidXenonTarget	OpRayleigh						
28	-41.8	-58.2	1e-09	7.15e-06	0	321	1.98e+03
InnerLiquidXenon	Transportation						
29	-48.7	-57.5	-3.9	7.15e-06	0	7.94	1.98e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
30	-49	-57.5	-4.1	7.15e-06	0	0.424	1.99e+03
InnerLiquidXenon	Transportation						
31	-289	-35	-140	7.15e-06	0	277	2.26e+03
InnerLiquidXenonBottomGridHolder	Transportation						
32	-289	-35	-140	7.15e-06	0	0.424	2.26e+03
InnerLiquidXenon	Transportation						
33	-303	-33.7	-148	7.15e-06	0	16.1	2.28e+03
BottomPTFELiner	Transportation						

34	-303	-33.7	-148	7.15e-06	0	0	2.28e+03
InnerLiquidXenon Transportation							
35	-303	-38.6	-140	7.15e-06	0	9.31	2.29e+03
InnerLiquidXenonBottomGridHolder Transportation							
36	-303	-38.8	-140	7.15e-06	0	0.245	2.29e+03
InnerLiquidXenon Transportation							
37	-304	-123	-4.1	7.15e-06	0	160	2.45e+03
InnerLiquidXenonCathodeGridHolder Transportation							
38	-304	-124	-3.9	7.15e-06	0	0.245	2.45e+03
InnerLiquidXenon Transportation							
39	-304	-126	1e-09	7.15e-06	0	4.59	2.45e+03
LiquidXenonTarget Transportation							
40	-305	-251	200	7.15e-06	0	236	2.69e+03
LiquidXenonTarget OpRayleigh							
41	-337	82	1e-09	7.15e-06	0	390	3.08e+03
InnerLiquidXenon Transportation							
42	-337	88.5	-3.9	7.15e-06	0	7.58	3.09e+03
InnerLiquidXenonCathodeGridHolder Transportation							
43	-337	88.8	-4.1	7.15e-06	0	0.405	3.09e+03
InnerLiquidXenon Transportation							
44	-352	242	-96.2	7.15e-06	0	179	3.27e+03
InnerLiquidXenon OpRayleigh							
45	-363	249	-97.3	7.15e-06	0	13	3.28e+03
InnerLiquidXenon OpRayleigh							
46	-355	152	-4.1	7.15e-06	0	134	3.41e+03
InnerLiquidXenonCathodeGridHolder Transportation							
47	-355	152	-3.9	7.15e-06	0	0.3	3.41e+03
InnerLiquidXenon Transportation							
48	-354	148	1e-09	7.15e-06	0	5.62	3.42e+03
LiquidXenonTarget Transportation							
49	-340	-18.3	161	7.15e-06	0	232	3.65e+03
LiquidXenonTarget OpRayleigh							
50	-340	-19.8	159	7.15e-06	0	2.9	3.65e+03
LiquidXenonTarget OpAbsorption							

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	-240	-630	1.15e+03	7.24e-06	0	0	0
LiquidXenonTarget initStep							
1	-359	-345	890	7.24e-06	0	403	403
LiquidXenonTarget OpRayleigh							
2	-379	-635	1.43e+03	7.24e-06	0	612	1.02e+03
PTFEWallsInLiquid Transportation							
3	-379	-635	1.43e+03	7.24e-06	0	0	1.02e+03
LiquidXenonTarget Transportation							
4	-471	-375	1.23e+03	7.24e-06	0	341	1.36e+03
LiquidXenonTarget OpRayleigh							

5	-196	-713	1.31e+03	7.24e-06	0	443	1.8e+03
PTFEWallsInLiquid	Transportation						
6	-196	-713	1.31e+03	7.24e-06	0	0	1.8e+03
LiquidXenonTarget	Transportation						
7	-407	-552	1.12e+03	7.24e-06	0	326	2.13e+03
LiquidXenonTarget	OpRayleigh						
8	-366	-563	1.3e+03	7.24e-06	0	180	2.31e+03
LiquidXenonTarget	OpRayleigh						
9	-436	-499	1.37e+03	7.24e-06	0	121	2.43e+03
LiquidXenonTarget	OpRayleigh						
10	-437	-485	1.4e+03	7.24e-06	0	33.2	2.46e+03
LiquidXenonTarget	OpRayleigh						
11	-373	-480	1.43e+03	7.24e-06	0	71	2.53e+03
LiquidXenonTarget	OpRayleigh						
12	-372	-548	1.41e+03	7.24e-06	0	71	2.6e+03
LiquidXenonTarget	OpRayleigh						
13	-382	-567	1.42e+03	7.24e-06	0	22.8	2.63e+03
LiquidXenonTarget	OpRayleigh						
14	-378	-236	1.35e+03	7.24e-06	0	338	2.96e+03
LiquidXenonTarget	OpRayleigh						
15	-374	36.5	1.27e+03	7.24e-06	0	283	3.25e+03
LiquidXenonTarget	OpRayleigh						
16	-266	65.5	1.27e+03	7.24e-06	0	112	3.36e+03
LiquidXenonTarget	OpRayleigh						
17	-64.1	123	1.15e+03	7.24e-06	0	241	3.6e+03
LiquidXenonTarget	OpRayleigh						
18	-598	225	1.13e+03	7.24e-06	0	544	4.14e+03
LiquidXenonTarget	OpRayleigh						
19	-505	270	1.12e+03	7.24e-06	0	104	4.25e+03
LiquidXenonTarget	OpRayleigh						
20	-354	88.9	1.26e+03	7.24e-06	0	274	4.52e+03
LiquidXenonTarget	OpRayleigh						
21	-375	168	1.29e+03	7.24e-06	0	87.3	4.61e+03
LiquidXenonTarget	OpRayleigh						
22	-224	298	1.48e+03	7.24e-06	0	272	4.88e+03
LXeTargetGateGridHolder	Transportation						
23	-224	298	1.48e+03	7.24e-06	0	0.151	4.88e+03
LiquidXenonTarget	Transportation						
24	-220	301	1.48e+03	7.24e-06	0	7.22	4.89e+03
InnerGaseousXenon	Transportation						
25	-220	301	1.48e+03	7.24e-06	0	0	4.89e+03
LiquidXenonTarget	Transportation						
26	-216	305	1.48e+03	7.24e-06	0	7.22	4.9e+03
LXeTargetGateGridHolder	Transportation						
27	-216	305	1.48e+03	7.24e-06	0	0.151	4.9e+03
LiquidXenonTarget	Transportation						
28	-175	340	1.42e+03	7.24e-06	0	75.4	4.97e+03
LiquidXenonTarget	OpRayleigh						
29	-267	319	1.47e+03	7.24e-06	0	106	5.08e+03
LiquidXenonTarget	OpAbsorption						


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* G4Track Information:   Particle = opticalphoton,   Track ID = 1,
Parent ID = 0
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Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
0	18.8	471	296	6.92e-06	0	0	0
LiquidXenonTarget initStep							
1	-117	730	414	6.92e-06	0	315	315
PTFEWallsInLiquid Transportation							
2	-117	730	414	6.92e-06	0	0	315
LiquidXenonTarget Transportation							
3	-76	562	429	6.92e-06	0	173	488
LiquidXenonTarget OpRayleigh							
4	-32.7	306	663	6.92e-06	0	349	838
LiquidXenonTarget OpRayleigh							
5	-400	-49.1	802	6.92e-06	0	529	1.37e+03
LiquidXenonTarget OpRayleigh							
6	-667	-319	1.24e+03	6.92e-06	0	582	1.95e+03
PTFEWallsInLiquid Transportation							
7	-667	-319	1.24e+03	6.92e-06	0	0	1.95e+03
LiquidXenonTarget Transportation							
8	-376	-188	1.19e+03	6.92e-06	0	323	2.27e+03
LiquidXenonTarget OpRayleigh							
9	-278	-128	1.24e+03	6.92e-06	0	122	2.39e+03
LiquidXenonTarget OpRayleigh							
10	-452	-162	1.13e+03	6.92e-06	0	205	2.6e+03
LiquidXenonTarget OpAbsorption							

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* G4Track Information:   Particle = opticalphoton,   Track ID = 1,
Parent ID = 0
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Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
0	-518	180	1.06e+03	6.82e-06	0	0	0
LiquidXenonTarget initStep							
1	-420	608	442	6.82e-06	0	761	761
PTFEWallsInLiquid Transportation							
2	-420	608	442	6.82e-06	0	0	761
LiquidXenonTarget Transportation							
3	-420	465	505	6.82e-06	0	156	917
LiquidXenonTarget OpRayleigh							
4	-540	450	271	6.82e-06	0	263	1.18e+03
LiquidXenonTarget OpRayleigh							
5	-513	302	254	6.82e-06	0	151	1.33e+03
LiquidXenonTarget OpRayleigh							
6	-146	388	311	6.82e-06	0	381	1.71e+03
LiquidXenonTarget OpRayleigh							

7	-137	478	187	6.82e-06	0	154	1.87e+03
LiquidXenonTarget	OpRayleigh						
8	-310	233	1e-09	6.82e-06	0	353	2.22e+03
InnerLiquidXenon	Transportation						
9	-314	228	-3.9	6.82e-06	0	7.37	2.23e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
10	-314	228	-4.1	6.82e-06	0	0.393	2.23e+03
InnerLiquidXenon	Transportation						
11	-352	174	-45.1	6.82e-06	0	77.6	2.31e+03
InnerLiquidXenon	OpRayleigh						
12	-417	109	-4.1	6.82e-06	0	101	2.41e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
13	-418	109	-3.9	6.82e-06	0	0.512	2.41e+03
InnerLiquidXenon	Transportation						
14	-424	103	1e-09	6.82e-06	0	9.59	2.42e+03
LiquidXenonTarget	Transportation						
15	-547	-19.3	77.2	6.82e-06	0	190	2.61e+03
LiquidXenonTarget	OpRayleigh						
16	265	494	1.07e+03	6.82e-06	0	1.38e+03	3.99e+03
LiquidXenonTarget	OpRayleigh						
17	219	473	1.08e+03	6.82e-06	0	52.1	4.04e+03
LiquidXenonTarget	OpRayleigh						
18	662	328	66.2	6.82e-06	0	1.12e+03	5.15e+03
PTFEWallsInLiquid	Transportation						
19	662	328	66.2	6.82e-06	0	0	5.15e+03
LiquidXenonTarget	Transportation						
20	460	298	34.1	6.82e-06	0	207	5.36e+03
LiquidXenonTarget	OpAbsorption						

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	284	56.4	308	6.83e-06	0	0	0
LiquidXenonTarget	initStep						
1	286	-149	344	6.83e-06	0	209	209
LiquidXenonTarget	OpRayleigh						
2	554	19.9	1e-09	6.83e-06	0	468	677
InnerLiquidXenon	Transportation						
3	557	21.8	-3.9	6.83e-06	0	5.3	682
InnerLiquidXenonCathodeGridHolder	Transportation						
4	557	21.9	-4.1	6.83e-06	0	0.283	682
InnerLiquidXenon	Transportation						
5	663	88.5	-140	6.83e-06	0	185	867
InnerLiquidXenonBottomGridHolder	Transportation						
6	663	88.6	-140	6.83e-06	0	0.283	867
InnerLiquidXenon	Transportation						
7	671	93.5	-150	6.83e-06	0	13.5	881
Bottom_PMT_Window_097	Transportation						

8	671	93.7	-150	6.83e-06	0	0.671	881
Bottom_PMT_Photocathode_097	Transportation						
9	672	94.2	-151	6.83e-06	0	1.34	883
Bottom_PMT_Window_097	Transportation						
10	672	94.5	-152	6.83e-06	0	0.671	883
Bottom_PMT_Vacuum_097	Transportation						
11	672	94.5	-152	6.83e-06	0	0	883
Bottom_PMT_Window_097	Transportation						
12	673	94.7	-151	6.83e-06	0	0.671	884
Bottom_PMT_Photocathode_097	Transportation						
13	674	95.2	-150	6.83e-06	0	1.34	885
Bottom_PMT_Window_097	Transportation						
14	674	95.4	-150	6.83e-06	0	0.671	886
InnerLiquidXenon	Transportation						
15	682	100	-140	6.83e-06	0	13.5	900
InnerLiquidXenonBottomGridHolder	Transportation						
16	682	100	-140	6.83e-06	0	0.283	900
InnerLiquidXenon	Transportation						
17	716	122	-95.7	6.83e-06	0	60.1	960
InnerLiquidXenon	OpRayleigh						
18	713	122	-101	6.83e-06	0	6.12	966
InnerLiquidXenon	OpRayleigh						
19	699	137	-4.1	6.83e-06	0	98.5	1.06e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
20	699	137	-3.9	6.83e-06	0	0.212	1.06e+03
InnerLiquidXenon	Transportation						
21	698	138	1e-09	6.83e-06	0	3.98	1.07e+03
LiquidXenonTarget	Transportation						
22	683	154	106	6.83e-06	0	109	1.18e+03
LiquidXenonTarget	OpRayleigh						
23	612	414	225	6.83e-06	0	295	1.47e+03
PTFEWallsInLiquid	Transportation						
24	612	414	225	6.83e-06	0	0	1.47e+03
LiquidXenonTarget	Transportation						
25	201	-12.2	338	6.83e-06	0	603	2.08e+03
LiquidXenonTarget	OpRayleigh						
26	-130	-728	418	6.83e-06	0	792	2.87e+03
PTFEWallsInLiquid	Transportation						
27	-130	-728	418	6.83e-06	0	0	2.87e+03
LiquidXenonTarget	Transportation						
28	-253	128	1.1e+03	6.83e-06	0	1.1e+03	3.97e+03
LiquidXenonTarget	OpRayleigh						
29	-244	64.1	1.12e+03	6.83e-06	0	67.7	4.03e+03
LiquidXenonTarget	OpRayleigh						
30	-216	707	1.3e+03	6.83e-06	0	668	4.7e+03
PTFEWallsInLiquid	Transportation						
31	-216	707	1.3e+03	6.83e-06	0	0	4.7e+03
LiquidXenonTarget	Transportation						
32	-115	579	1.42e+03	6.83e-06	0	203	4.91e+03
LiquidXenonTarget	OpRayleigh						
33	-2.28	-99.9	841	6.83e-06	0	900	5.81e+03
LiquidXenonTarget	OpRayleigh						
34	615	-117	1.07e+03	6.83e-06	0	657	6.46e+03
LiquidXenonTarget	OpRayleigh						

35	701	-113	1.13e+03	6.83e-06	0	109	6.57e+03
LiquidXenonTarget OpRayleigh							
36	729	-121	1.11e+03	6.83e-06	0	33.9	6.61e+03
PTFEWallsInLiquid Transportation							
37	729	-121	1.11e+03	6.83e-06	0	0	6.61e+03
LiquidXenonTarget Transportation							
38	-279	343	1.46e+03	6.83e-06	0	1.16e+03	7.77e+03
LiquidXenonTarget OpRayleigh							
39	-313	335	1.48e+03	6.83e-06	0	36.9	7.81e+03
LXeTargetGateGridHolder Transportation							
40	-313	335	1.48e+03	6.83e-06	0	0.265	7.81e+03
LiquidXenonTarget Transportation							
41	-324	332	1.48e+03	6.83e-06	0	12.6	7.82e+03
InnerGaseousXenon Transportation							
42	-324	332	1.48e+03	6.83e-06	0	0	7.82e+03
LiquidXenonTarget Transportation							
43	-335	330	1.48e+03	6.83e-06	0	12.6	7.83e+03
LXeTargetGateGridHolder Transportation							
44	-336	329	1.48e+03	6.83e-06	0	0.265	7.83e+03
LiquidXenonTarget Transportation							
45	-500	291	1.4e+03	6.83e-06	0	184	8.02e+03
LiquidXenonTarget OpRayleigh							
46	-671	-46.8	904	6.83e-06	0	627	8.64e+03
LiquidXenonTarget OpRayleigh							
47	-537	-17.4	932	6.83e-06	0	140	8.78e+03
LiquidXenonTarget OpRayleigh							
48	-444	47.2	946	6.83e-06	0	114	8.9e+03
LiquidXenonTarget OpRayleigh							
49	-440	-61.7	1.48e+03	6.83e-06	0	542	9.44e+03
LXeTargetGateGridHolder Transportation							
50	-440	-61.7	1.48e+03	6.83e-06	0	0.00633	9.44e+03
GateGridWire_60 Transportation							

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	223	306	851	7.14e-06	0	0	0
LiquidXenonTarget initStep							
1	301	586	1e+03	7.14e-06	0	327	327
LiquidXenonTarget OpRayleigh							
2	332	649	868	7.14e-06	0	152	479
LiquidXenonTarget OpRayleigh							
3	348	652	880	7.14e-06	0	20.4	499
PTFEWallsInLiquid Transportation							
4	348	652	880	7.14e-06	0	0	499
LiquidXenonTarget Transportation							
5	255	655	1.01e+03	7.14e-06	0	161	660
LiquidXenonTarget OpRayleigh							

6	251	668	1.01e+03	7.14e-06	0	14	674
LiquidXenonTarget	OpRayleigh						
7	261	691	1e+03	7.14e-06	0	26.4	701
PTFEWallsInLiquid	Transportation						
8	261	691	1e+03	7.14e-06	0	0	701
LiquidXenonTarget	Transportation						
9	265	683	1.01e+03	7.14e-06	0	13.5	714
LiquidXenonTarget	OpRayleigh						
10	375	631	1.13e+03	7.14e-06	0	169	884
LiquidXenonTarget	OpRayleigh						
11	370	636	1.24e+03	7.14e-06	0	110	994
LiquidXenonTarget	OpRayleigh						
12	382	632	1.23e+03	7.14e-06	0	13.9	1.01e+03
PTFEWallsInLiquid	Transportation						
13	382	632	1.23e+03	7.14e-06	0	0	1.01e+03
LiquidXenonTarget	Transportation						
14	462	444	930	7.14e-06	0	365	1.37e+03
LiquidXenonTarget	OpRayleigh						
15	487	482	925	7.14e-06	0	45.8	1.42e+03
LiquidXenonTarget	OpRayleigh						
16	555	453	894	7.14e-06	0	79.8	1.5e+03
LiquidXenonTarget	OpRayleigh						
17	574	465	898	7.14e-06	0	23.6	1.52e+03
PTFEWallsInLiquid	Transportation						
18	574	465	898	7.14e-06	0	0	1.52e+03
LiquidXenonTarget	Transportation						
19	516	451	916	7.14e-06	0	62.6	1.58e+03
LiquidXenonTarget	OpRayleigh						
20	433	490	899	7.14e-06	0	92.8	1.68e+03
LiquidXenonTarget	OpRayleigh						
21	596	422	992	7.14e-06	0	200	1.88e+03
LiquidXenonTarget	OpRayleigh						
22	-22.7	592	1e+03	7.14e-06	0	642	2.52e+03
LiquidXenonTarget	OpRayleigh						
23	-52.5	615	997	7.14e-06	0	38.3	2.56e+03
LiquidXenonTarget	OpRayleigh						
24	-19.6	739	919	7.14e-06	0	150	2.71e+03
PTFEWallsInLiquid	Transportation						
25	-19.6	739	919	7.14e-06	0	0	2.71e+03
LiquidXenonTarget	Transportation						
26	-60.8	515	981	7.14e-06	0	236	2.94e+03
LiquidXenonTarget	OpRayleigh						
27	-88.7	469	1.01e+03	7.14e-06	0	59	3e+03
LiquidXenonTarget	OpRayleigh						
28	-218	502	635	7.14e-06	0	396	3.4e+03
LiquidXenonTarget	OpRayleigh						
29	-184	520	634	7.14e-06	0	38.6	3.44e+03
LiquidXenonTarget	OpRayleigh						
30	-277	518	520	7.14e-06	0	148	3.59e+03
LiquidXenonTarget	OpRayleigh						
31	-264	594	465	7.14e-06	0	93.8	3.68e+03
LiquidXenonTarget	OpRayleigh						
32	-199	522	485	7.14e-06	0	98.9	3.78e+03
LiquidXenonTarget	OpRayleigh						

33	149	-336	703	7.14e-06	0	951	4.73e+03
LiquidXenonTarget	OpRayleigh						
34	258	-389	720	7.14e-06	0	122	4.85e+03
LiquidXenonTarget	OpRayleigh						
35	102	-635	644	7.14e-06	0	301	5.15e+03
LiquidXenonTarget	OpRayleigh						
36	-46.4	-403	827	7.14e-06	0	330	5.48e+03
LiquidXenonTarget	OpRayleigh						
37	-38.8	-442	780	7.14e-06	0	61.3	5.54e+03
LiquidXenonTarget	OpRayleigh						
38	-494	-439	715	7.14e-06	0	460	6e+03
LiquidXenonTarget	OpRayleigh						
39	-631	-385	607	7.14e-06	0	183	6.19e+03
PTFEWallsInLiquid	Transportation						
40	-631	-385	607	7.14e-06	0	0	6.19e+03
LiquidXenonTarget	Transportation						
41	-560	-54.5	715	7.14e-06	0	355	6.54e+03
LiquidXenonTarget	OpRayleigh						
42	-132	226	887	7.14e-06	0	540	7.08e+03
LiquidXenonTarget	OpRayleigh						
43	-104	318	1.11e+03	7.14e-06	0	239	7.32e+03
LiquidXenonTarget	OpRayleigh						
44	-190	260	747	7.14e-06	0	374	7.69e+03
LiquidXenonTarget	OpRayleigh						
45	-383	167	973	7.14e-06	0	312	8.01e+03
LiquidXenonTarget	OpRayleigh						
46	120	369	1.48e+03	7.14e-06	0	740	8.75e+03
LXeTargetGateGridHolder	Transportation						
47	120	369	1.48e+03	7.14e-06	0	0.152	8.75e+03
LiquidXenonTarget	Transportation						
48	125	371	1.48e+03	7.14e-06	0	7.28	8.75e+03
InnerGaseousXenon	Transportation						
49	125	371	1.48e+03	7.14e-06	0	0	8.75e+03
LiquidXenonTarget	Transportation						
50	130	373	1.48e+03	7.14e-06	0	7.28	8.76e+03
LXeTargetGateGridHolder	Transportation						
51	130	373	1.48e+03	7.14e-06	0	0.152	8.76e+03
LiquidXenonTarget	Transportation						
52	175	390	1.43e+03	7.14e-06	0	64.7	8.83e+03
LiquidXenonTarget	OpRayleigh						
53	153	170	1.34e+03	7.14e-06	0	238	9.06e+03
LiquidXenonTarget	OpRayleigh						
54	247	219	1.28e+03	7.14e-06	0	122	9.18e+03
LiquidXenonTarget	OpRayleigh						
55	86	10.9	1.05e+03	7.14e-06	0	352	9.54e+03
LiquidXenonTarget	OpRayleigh						
56	60.7	86	947	7.14e-06	0	130	9.67e+03
LiquidXenonTarget	OpRayleigh						
57	-3.89	-193	1.26e+03	7.14e-06	0	427	1.01e+04
LiquidXenonTarget	OpRayleigh						
58	30.1	-184	1.32e+03	7.14e-06	0	67.2	1.02e+04
LiquidXenonTarget	OpRayleigh						
59	45	-184	1.3e+03	7.14e-06	0	27.9	1.02e+04
LiquidXenonTarget	OpRayleigh						

60	143	-130	1.48e+03	7.14e-06	0	210	1.04e+04
LXeTargetGateGridHolder	Transportation						
61	143	-130	1.48e+03	7.14e-06	0	0.122	1.04e+04
LiquidXenonTarget	Transportation						
62	145	-128	1.48e+03	7.14e-06	0	5.84	1.04e+04
InnerGaseousXenon	Transportation						
63	145	-128	1.48e+03	7.14e-06	0	0	1.04e+04
LiquidXenonTarget	Transportation						
64	148	-127	1.48e+03	7.14e-06	0	5.84	1.04e+04
LXeTargetGateGridHolder	Transportation						
65	148	-127	1.48e+03	7.14e-06	0	0.122	1.04e+04
LiquidXenonTarget	Transportation						
66	163	-118	1.45e+03	7.14e-06	0	31.6	1.04e+04
LiquidXenonTarget	OpRayleigh						
67	-49.3	-158	1.45e+03	7.14e-06	0	216	1.07e+04
LiquidXenonTarget	OpRayleigh						
68	-202	53	1.18e+03	7.14e-06	0	372	1.1e+04
LiquidXenonTarget	OpRayleigh						
69	-340	59.1	1.48e+03	7.14e-06	0	324	1.14e+04
LXeTargetGateGridHolder	Transportation						
70	-340	59.1	1.48e+03	7.14e-06	0	0.114	1.14e+04
LiquidXenonTarget	Transportation						
71	-342	59.2	1.48e+03	7.14e-06	0	5.47	1.14e+04
InnerGaseousXenon	Transportation						
72	-343	59.3	1.48e+03	7.14e-06	0	1.59	1.14e+04
InnerGaseousXenon	OpAbsorption						

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X(mm)	Y(mm)	Z(mm)	KinE(MeV)	dE(MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	-491	381	780	7.05e-06	0	0	0
LiquidXenonTarget	initStep						
1	-496	421	722	7.05e-06	0	70.7	70.7
LiquidXenonTarget	OpRayleigh						
2	-545	370	631	7.05e-06	0	115	186
LiquidXenonTarget	OpRayleigh						
3	-537	325	644	7.05e-06	0	47.3	233
LiquidXenonTarget	OpRayleigh						
4	-397	399	647	7.05e-06	0	159	391
LiquidXenonTarget	OpRayleigh						
5	-348	447	664	7.05e-06	0	70.6	462
LiquidXenonTarget	OpRayleigh						
6	-312	429	691	7.05e-06	0	48.3	510
LiquidXenonTarget	OpRayleigh						
7	-434	598	768	7.05e-06	0	222	732
PTFEWallsInLiquid	Transportation						
8	-434	598	768	7.05e-06	0	0	732
LiquidXenonTarget	Transportation						

9	-267	105	673	7.05e-06	0	529	1.26e+03
LiquidXenonTarget	OpRayleigh						
10	-250	125	685	7.05e-06	0	29.1	1.29e+03
LiquidXenonTarget	OpRayleigh						
11	-322	249	820	7.05e-06	0	197	1.49e+03
LiquidXenonTarget	OpRayleigh						
12	-377	462	1.15e+03	7.05e-06	0	397	1.88e+03
LiquidXenonTarget	OpRayleigh						
13	-446	412	1.3e+03	7.05e-06	0	173	2.06e+03
LiquidXenonTarget	OpRayleigh						
14	-588	411	1.19e+03	7.05e-06	0	179	2.24e+03
LiquidXenonTarget	OpRayleigh						
15	83.3	485	1.41e+03	7.05e-06	0	708	2.94e+03
LiquidXenonTarget	OpRayleigh						
16	114	466	1.45e+03	7.05e-06	0	61.4	3.01e+03
LiquidXenonTarget	OpRayleigh						
17	114	465	1.45e+03	7.05e-06	0	0.221	3.01e+03
LiquidXenonTarget	OpRayleigh						
18	124	246	1.46e+03	7.05e-06	0	220	3.23e+03
LiquidXenonTarget	OpRayleigh						
19	155	202	1.48e+03	7.05e-06	0	56.3	3.28e+03
LXeTargetGateGridHolder	Transportation						
20	155	202	1.48e+03	7.05e-06	0	0.357	3.28e+03
LiquidXenonTarget	Transportation						
21	165	189	1.48e+03	7.05e-06	0	17.1	3.3e+03
InnerGaseousXenon	Transportation						
22	165	189	1.48e+03	7.05e-06	0	0	3.3e+03
LiquidXenonTarget	Transportation						
23	174	175	1.48e+03	7.05e-06	0	17.1	3.32e+03
LXeTargetGateGridHolder	Transportation						
24	175	175	1.48e+03	7.05e-06	0	0.357	3.32e+03
LiquidXenonTarget	Transportation						
25	238	85.9	1.44e+03	7.05e-06	0	115	3.43e+03
LiquidXenonTarget	OpRayleigh						
26	201	84.3	1.44e+03	7.05e-06	0	37.5	3.47e+03
LiquidXenonTarget	OpRayleigh						
27	30.5	-54.6	1.42e+03	7.05e-06	0	221	3.69e+03
LiquidXenonTarget	OpRayleigh						
28	40.3	-67.8	1.41e+03	7.05e-06	0	18.5	3.71e+03
LiquidXenonTarget	OpRayleigh						
29	45.3	-70.8	1.41e+03	7.05e-06	0	6.05	3.71e+03
LiquidXenonTarget	OpRayleigh						
30	141	-132	1.48e+03	7.05e-06	0	130	3.84e+03
LXeTargetGateGridHolder	Transportation						
31	141	-132	1.48e+03	7.05e-06	0	0.215	3.84e+03
LiquidXenonTarget	Transportation						
32	149	-137	1.48e+03	7.05e-06	0	10.3	3.85e+03
InnerGaseousXenon	Transportation						
33	149	-137	1.48e+03	7.05e-06	0	0	3.85e+03
LiquidXenonTarget	Transportation						
34	156	-142	1.48e+03	7.05e-06	0	10.3	3.87e+03
LXeTargetGateGridHolder	Transportation						
35	156	-142	1.48e+03	7.05e-06	0	0.215	3.87e+03
LiquidXenonTarget	Transportation						

36	602	-429	1.18e+03	7.05e-06	0	605	4.47e+03
PTFEWallsInLiquid Transportation							
37	602	-429	1.18e+03	7.05e-06	0	0	4.47e+03
LiquidXenonTarget Transportation							
38	459	-421	1e+03	7.05e-06	0	230	4.7e+03
LiquidXenonTarget OpRayleigh							
39	440	-594	1.03e+03	7.05e-06	0	176	4.88e+03
PTFEWallsInLiquid Transportation							
40	440	-594	1.03e+03	7.05e-06	0	0	4.88e+03
LiquidXenonTarget Transportation							
41	457	-556	1.02e+03	7.05e-06	0	41.5	4.92e+03
LiquidXenonTarget OpRayleigh							
42	489	-493	1.01e+03	7.05e-06	0	72.7	4.99e+03
LiquidXenonTarget OpRayleigh							
43	374	-508	1.48e+03	7.05e-06	0	482	5.47e+03
LXeTargetGateGridHolder Transportation							
44	374	-508	1.48e+03	7.05e-06	0	0.107	5.47e+03
LiquidXenonTarget Transportation							
45	373	-508	1.48e+03	7.05e-06	0	5.1	5.48e+03
InnerGaseousXenon Transportation							
46	371	-508	1.49e+03	7.05e-06	0	5.45	5.48e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_3 Transportation							
47	371	-508	1.49e+03	7.05e-06	0	0.0328	5.48e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_2 Transportation							
48	371	-508	1.49e+03	7.05e-06	0	0.0328	5.48e+03
InnerGaseousXenon Transportation							
49	354	-510	1.52e+03	7.05e-06	0	41.6	5.52e+03
InnerGaseousXenonTopGridHolder Transportation							
50	354	-510	1.52e+03	7.05e-06	0	0.0578	5.52e+03
InnerGaseousXenon Transportation							
51	350	-511	1.53e+03	7.05e-06	0	8.74	5.53e+03
TopPTFELiner Transportation							
52	350	-511	1.53e+03	7.05e-06	0	0	5.53e+03
InnerGaseousXenon Transportation							
53	375	-521	1.52e+03	7.05e-06	0	27.7	5.56e+03
InnerGaseousXenonTopGridHolder Transportation							
54	375	-521	1.52e+03	7.05e-06	0	0.183	5.56e+03
InnerGaseousXenon Transportation							
55	476	-565	1.49e+03	7.05e-06	0	115	5.68e+03
PTFEWallsInGas Transportation							
56	476	-565	1.49e+03	7.05e-06	0	0	5.68e+03
InnerGaseousXenon Transportation							
57	477	-563	1.49e+03	7.05e-06	0	4.96	5.68e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_2 Transportation							
58	477	-563	1.49e+03	7.05e-06	0	0.0317	5.68e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_3 Transportation							
59	477	-563	1.49e+03	7.05e-06	0	0.0317	5.68e+03
InnerGaseousXenon Transportation							
60	477	-562	1.48e+03	7.05e-06	0	5.27	5.69e+03
LiquidXenonTarget Transportation							
61	477	-561	1.48e+03	7.05e-06	0	5.05	5.69e+03
LXeTargetGateGridHolder Transportation							
62	477	-561	1.48e+03	7.05e-06	0	0.106	5.69e+03
LiquidXenonTarget Transportation							

63	486	-514	1.24e+03	7.05e-06	0	241	5.93e+03
LiquidXenonTarget OpRayleigh							
64	413	-257	1.25e+03	7.05e-06	0	268	6.2e+03
LiquidXenonTarget OpRayleigh							
65	395	-263	1.19e+03	7.05e-06	0	67.9	6.27e+03
LiquidXenonTarget OpRayleigh							
66	350	-52	1.22e+03	7.05e-06	0	218	6.49e+03
LiquidXenonTarget OpRayleigh							
67	266	123	1.16e+03	7.05e-06	0	205	6.69e+03
LiquidXenonTarget OpRayleigh							
68	320	169	1.34e+03	7.05e-06	0	200	6.89e+03
LiquidXenonTarget OpRayleigh							
69	414	45	1.48e+03	7.05e-06	0	203	7.09e+03
LXeTargetGateGridHolder Transportation							
70	414	44.9	1.48e+03	7.05e-06	0	0.16	7.1e+03
LiquidXenonTarget Transportation							
71	417	40.3	1.48e+03	7.05e-06	0	7.66	7.1e+03
InnerGaseousXenon Transportation							
72	417	40.3	1.48e+03	7.05e-06	0	0	7.1e+03
LiquidXenonTarget Transportation							
73	421	35.6	1.48e+03	7.05e-06	0	7.66	7.11e+03
LXeTargetGateGridHolder Transportation							
74	421	35.5	1.48e+03	7.05e-06	0	0.16	7.11e+03
LiquidXenonTarget Transportation							
75	675	-302	1.12e+03	7.05e-06	0	553	7.66e+03
PTFEWallsInLiquid Transportation							
76	675	-302	1.12e+03	7.05e-06	0	0	7.66e+03
LiquidXenonTarget Transportation							
77	435	-364	1.48e+03	7.05e-06	0	435	8.1e+03
LXeTargetGateGridHolder Transportation							
78	435	-364	1.48e+03	7.05e-06	0	0.126	8.1e+03
LiquidXenonTarget Transportation							
79	431	-365	1.48e+03	7.05e-06	0	6.02	8.1e+03
InnerGaseousXenon Transportation							
80	413	-369	1.49e+03	7.05e-06	0	19.2	8.12e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_3 Transportation							
81	413	-369	1.49e+03	7.05e-06	0	0.116	8.12e+03
InnerGaseousXenonAnodeGridHolder_Subvolume_2 Transportation							
82	413	-369	1.49e+03	7.05e-06	0	0.116	8.12e+03
InnerGaseousXenon Transportation							
83	276	-405	1.52e+03	7.05e-06	0	147	8.27e+03
InnerGaseousXenonTopGridHolder Transportation							
84	275	-405	1.52e+03	7.05e-06	0	0.204	8.27e+03
InnerGaseousXenon Transportation							
85	247	-412	1.53e+03	7.05e-06	7.05e-06	30.9	8.3e+03
TopPTFELiner Transportation							

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X (mm)	Y (mm)	Z (mm)	KinE (MeV)	dE (MeV)	StepLeng	TrackLeng
NextVolume	ProcName						
0	-370	-141	107	7.39e-06	0	0	0
LiquidXenonTarget	initStep						
1	-699	-221	152	7.39e-06	0	341	341
LiquidXenonTarget	OpRayleigh						
2	-456	-351	158	7.39e-06	0	275	617
LiquidXenonTarget	OpRayleigh						
3	-449	-322	158	7.39e-06	0	30.2	647
LiquidXenonTarget	OpRayleigh						
4	-559	-484	56.6	7.39e-06	0	220	867
PTFEWallsInLiquid	Transportation						
5	-559	-484	56.6	7.39e-06	0	0	867
LiquidXenonTarget	Transportation						
6	-558	-466	51.9	7.39e-06	0	18.5	886
LiquidXenonTarget	OpRayleigh						
7	-738	-44.2	51.9	7.39e-06	0	458	1.34e+03
PTFEWallsInLiquid	Transportation						
8	-738	-44.2	51.9	7.39e-06	0	0	1.34e+03
LiquidXenonTarget	Transportation						
9	-728	-31.1	46.6	7.39e-06	0	17	1.36e+03
LiquidXenonTarget	OpRayleigh						
10	-718	-43.6	34.1	7.39e-06	0	20.6	1.38e+03
LiquidXenonTarget	OpRayleigh						
11	-700	-36.8	1e-09	7.39e-06	0	39.2	1.42e+03
InnerLiquidXenon	Transportation						
12	-698	-36	-3.9	7.39e-06	0	4.47	1.43e+03
InnerLiquidXenonCathodeGridHolder	Transportation						
13	-698	-36	-4.1	7.39e-06	0	0.239	1.43e+03
InnerLiquidXenon	Transportation						
14	-680	-29.5	-36.4	7.39e-06	0	37.1	1.46e+03
InnerLiquidXenon	OpRayleigh						
15	-682	-53.3	-140	7.39e-06	0	106	1.57e+03
InnerLiquidXenonBottomGridHolder	Transportation						
16	-682	-53.3	-140	7.39e-06	0	0.213	1.57e+03
InnerLiquidXenon	Transportation						
17	-682	-55.1	-148	7.39e-06	0	8.1	1.58e+03
BottomPTFELiner	Transportation						
18	-682	-55.1	-148	7.39e-06	0	0	1.58e+03
InnerLiquidXenon	Transportation						
19	-687	-68.9	-140	7.39e-06	0	16.7	1.59e+03
InnerLiquidXenonBottomGridHolder	Transportation						
20	-687	-69.2	-140	7.39e-06	0	0.44	1.59e+03
InnerLiquidXenon	Transportation						
21	-722	-160	-87.9	7.39e-06	0	110	1.7e+03
PTFEWallsInLiquid	Transportation						
22	-722	-160	-87.9	7.39e-06	0	0	1.7e+03
InnerLiquidXenon	Transportation						
23	-695	-166	-62.3	7.39e-06	0	37.6	1.74e+03
InnerLiquidXenon	OpRayleigh						
24	-692	-134	-140	7.39e-06	0	84.1	1.83e+03
InnerLiquidXenonBottomGridHolder	Transportation						
25	-692	-134	-140	7.39e-06	0	0.225	1.83e+03
InnerLiquidXenon	Transportation						

26	-692	-130	-148	7.39e-06	0	8.55	1.83e+03
BottomPTFELiner Transportation							
27	-692	-130	-148	7.39e-06	0	0	1.83e+03
InnerLiquidXenon Transportation							
28	-688	-156	-140	7.39e-06	0	26.8	1.86e+03
InnerLiquidXenonBottomGridHolder Transportation							
29	-688	-156	-140	7.39e-06	0	0.706	1.86e+03
InnerLiquidXenon Transportation							
30	-661	-331	-85.4	7.39e-06	0	185	2.05e+03
PTFEWallsInLiquid Transportation							
31	-661	-331	-85.4	7.39e-06	0	0	2.05e+03
InnerLiquidXenon Transportation							
32	-602	-370	-95.9	7.39e-06	0	71.1	2.12e+03
InnerLiquidXenon OpRayleigh							
33	-652	-322	-4.1	7.39e-06	0	115	2.23e+03
InnerLiquidXenonCathodeGridHolder Transportation							
34	-652	-322	-3.9	7.39e-06	0	0.261	2.23e+03
InnerLiquidXenon Transportation							
35	-655	-320	1e-09	7.39e-06	0	4.88	2.24e+03
LiquidXenonTarget Transportation							
36	-658	-317	5.8	7.39e-06	0	7.27	2.25e+03
LiquidXenonTarget OpRayleigh							
37	-659	-166	9.75	7.39e-06	0	151	2.4e+03
LiquidXenonTarget OpRayleigh							
38	-721	-161	101	7.39e-06	0	111	2.51e+03
PTFEWallsInLiquid Transportation							
39	-721	-161	101	7.39e-06	0	0	2.51e+03
LiquidXenonTarget Transportation							
40	-636	99.7	37.8	7.39e-06	0	282	2.79e+03
LiquidXenonTarget OpRayleigh							
41	-609	124	1e-09	7.39e-06	0	52.2	2.84e+03
InnerLiquidXenon Transportation							
42	-606	126	-3.9	7.39e-06	0	5.38	2.85e+03
InnerLiquidXenonCathodeGridHolder Transportation							
43	-606	126	-4.1	7.39e-06	0	0.287	2.85e+03
InnerLiquidXenon Transportation							
44	-509	212	-140	7.39e-06	0	187	3.03e+03
InnerLiquidXenonBottomGridHolder Transportation							
45	-509	212	-140	7.39e-06	0	0.287	3.03e+03
InnerLiquidXenon Transportation							
46	-502	218	-150	7.39e-06	0	13.7	3.05e+03
Bottom_PMT_Window_079 Transportation							
47	-502	219	-150	7.39e-06	0	0.706	3.05e+03
Bottom_PMT_Photocathode_079 Transportation							
48	-501	219	-151	7.39e-06	0	1.41	3.05e+03
Bottom_PMT_Window_079 Transportation							
49	-501	220	-152	7.39e-06	0	0.706	3.05e+03
Bottom_PMT_Vacuum_079 Transportation							
50	-501	220	-152	7.39e-06	0	0	3.05e+03
Bottom_PMT_Window_079 Transportation							
51	-500	220	-151	7.39e-06	0	0.706	3.05e+03
Bottom_PMT_Photocathode_079 Transportation							
52	-500	221	-150	7.39e-06	0	1.41	3.05e+03
Bottom_PMT_Window_079 Transportation							

53	-499	221	-150	7.39e-06	0	0.706	3.05e+03
InnerLiquidXenon Transportation							
54	-492	227	-140	7.39e-06	0	13.7	3.07e+03
InnerLiquidXenonBottomGridHolder Transportation							
55	-492	227	-140	7.39e-06	0	0.287	3.07e+03
InnerLiquidXenon Transportation							
56	-413	297	-28.9	7.39e-06	0	153	3.22e+03
InnerLiquidXenon OpRayleigh							
57	-422	176	-140	7.39e-06	0	165	3.39e+03
InnerLiquidXenonBottomGridHolder Transportation							
58	-422	176	-140	7.39e-06	0	0.309	3.39e+03
InnerLiquidXenon Transportation							
59	-423	165	-150	7.39e-06	0	14.7	3.4e+03
Bottom_PMT_Window_094 Transportation							
60	-423	164	-150	7.39e-06	0	0.765	3.4e+03
Bottom_PMT_Photocathode_094 Transportation							
61	-423	163	-151	7.39e-06	0	1.53	3.4e+03
Bottom_PMT_Window_094 Transportation							
62	-423	162	-152	7.39e-06	0	0.765	3.4e+03
Bottom_PMT_Vacuum_094 Transportation							
63	-423	162	-152	7.39e-06	0	0	3.4e+03
Bottom_PMT_Window_094 Transportation							
64	-423	162	-151	7.39e-06	0	0.765	3.4e+03
Bottom_PMT_Photocathode_094 Transportation							
65	-423	161	-150	7.39e-06	0	1.53	3.41e+03
Bottom_PMT_Window_094 Transportation							
66	-423	160	-150	7.39e-06	0	0.765	3.41e+03
InnerLiquidXenon Transportation							
67	-424	149	-140	7.39e-06	0	14.7	3.42e+03
InnerLiquidXenonBottomGridHolder Transportation							
68	-424	149	-140	7.39e-06	0	0.309	3.42e+03
InnerLiquidXenon Transportation							
69	-435	0.179	-4.1	7.39e-06	0	202	3.62e+03
InnerLiquidXenonCathodeGridHolder Transportation							
70	-435	-0.0486	-3.9	7.39e-06	0	0.309	3.62e+03
InnerLiquidXenon Transportation							
71	-436	-4.32	1e-09	7.39e-06	0	5.79	3.63e+03
LiquidXenonTarget Transportation							
72	-437	-19.9	14.2	7.39e-06	0	21.1	3.65e+03
LiquidXenonTarget OpRayleigh							
73	-371	-4.12	1e-09	7.39e-06	0	68.7	3.72e+03
InnerLiquidXenon Transportation							
74	-353	0.211	-3.9	7.39e-06	0	18.8	3.74e+03
InnerLiquidXenonCathodeGridHolder Transportation							
75	-353	0.442	-4.1	7.39e-06	0	1.01	3.74e+03
InnerLiquidXenon Transportation							
76	-164	45.9	-45.1	7.39e-06	0	198	3.94e+03
InnerLiquidXenon OpRayleigh							
77	6.99	16.2	-140	7.39e-06	0	198	4.14e+03
InnerLiquidXenonBottomGridHolder Transportation							
78	7.36	16.2	-140	7.39e-06	0	0.434	4.14e+03
InnerLiquidXenon Transportation							
79	10.4	15.6	-142	7.39e-06	0	3.49	4.14e+03
InnerLiquidXenon OpRayleigh							

80	10.6	15.4	-140	7.39e-06	0	1.7	4.14e+03
InnerLiquidXenonBottomGridHolder Transportation							
81	10.6	15.3	-140	7.39e-06	0	0.212	4.14e+03
InnerLiquidXenon Transportation							
82	24.8	-6.84	-4.1	7.39e-06	0	138	4.28e+03
InnerLiquidXenonCathodeGridHolder Transportation							
83	24.8	-6.87	-3.9	7.39e-06	0	0.212	4.28e+03
InnerLiquidXenon Transportation							
84	25.3	-7.51	1e-09	7.39e-06	0	3.97	4.28e+03
LiquidXenonTarget Transportation							
85	48.1	-43	218	7.39e-06	0	222	4.51e+03
LiquidXenonTarget OpRayleigh							
86	-428	182	1e-09	7.39e-06	0	570	5.08e+03
InnerLiquidXenon Transportation							
87	-437	186	-3.9	7.39e-06	0	10.2	5.09e+03
InnerLiquidXenonCathodeGridHolder Transportation							
88	-437	187	-4.1	7.39e-06	0	0.545	5.09e+03
InnerLiquidXenon Transportation							
89	-641	283	-97.1	7.39e-06	0	244	5.33e+03
InnerLiquidXenon OpRayleigh							
90	-616	246	-74.5	7.39e-06	0	50.4	5.38e+03
InnerLiquidXenon OpRayleigh							
91	-528	299	-64.3	7.39e-06	0	103	5.48e+03
InnerLiquidXenon OpRayleigh							
92	-532	513	-27	7.39e-06	0	218	5.7e+03
PTFEWallsInLiquid Transportation							
93	-532	513	-27	7.39e-06	0	0	5.7e+03
InnerLiquidXenon Transportation							
94	-511	487	-4.1	7.39e-06	0	40.7	5.74e+03
InnerLiquidXenonCathodeGridHolder Transportation							
95	-510	487	-3.9	7.39e-06	0	0.369	5.74e+03
InnerLiquidXenon Transportation							
96	-507	482	1e-09	7.39e-06	0	6.92	5.75e+03
LiquidXenonTarget Transportation							
97	-443	403	69.1	7.39e-06	0	123	5.87e+03
LiquidXenonTarget OpRayleigh							
98	-176	304	391	7.39e-06	0	430	6.3e+03
LiquidXenonTarget OpRayleigh							
99	-232	338	373	7.39e-06	0	68.5	6.37e+03
LiquidXenonTarget OpRayleigh							
100	-236	363	371	7.39e-06	0	25.9	6.4e+03
LiquidXenonTarget OpRayleigh							
101	-299	244	273	7.39e-06	0	166	6.56e+03
LiquidXenonTarget OpRayleigh							
102	-158	115	550	7.39e-06	0	336	6.9e+03
LiquidXenonTarget OpRayleigh							
103	-193	75.1	494	7.39e-06	0	77	6.98e+03
LiquidXenonTarget OpRayleigh							
104	-194	134	589	7.39e-06	0	112	7.09e+03
LiquidXenonTarget OpRayleigh							
105	-454	339	797	7.39e-06	0	391	7.48e+03
LiquidXenonTarget OpRayleigh							
106	-280	218	726	7.39e-06	0	224	7.7e+03
LiquidXenonTarget OpRayleigh							

107	-415	426	1.02e+03	7.39e-06	0	386	8.09e+03
LiquidXenonTarget	OpRayleigh						
108	-419	394	1.04e+03	7.39e-06	0	37.8	8.13e+03
LiquidXenonTarget	OpRayleigh						
109	-433	421	1.05e+03	7.39e-06	0	30.8	8.16e+03
LiquidXenonTarget	OpRayleigh						
110	-503	447	1.05e+03	7.39e-06	0	75	8.23e+03
LiquidXenonTarget	OpRayleigh						
111	-488	449	1.05e+03	7.39e-06	0	15.4	8.25e+03
LiquidXenonTarget	OpRayleigh						
112	-365	643	999	7.39e-06	0	236	8.48e+03
PTFEWallsInLiquid	Transportation						
113	-365	643	999	7.39e-06	0	0	8.48e+03
LiquidXenonTarget	Transportation						
114	673	87.5	482	7.39e-06	0	1.29e+03	9.77e+03
LiquidXenonTarget	OpRayleigh						
115	503	-226	1e-09	7.39e-06	0	599	1.04e+04
InnerLiquidXenon	Transportation						
116	502	-229	-3.9	7.39e-06	0	4.85	1.04e+04
InnerLiquidXenonCathodeGridHolder	Transportation						
117	502	-229	-4.1	7.39e-06	0	0.259	1.04e+04
InnerLiquidXenon	Transportation						
118	454	-317	-140	7.39e-06	0	169	1.05e+04
InnerLiquidXenonBottomGridHolder	Transportation						
119	454	-317	-140	7.39e-06	0	0.259	1.05e+04
InnerLiquidXenon	Transportation						
120	450	-324	-150	7.39e-06	0	12.3	1.06e+04
Bottom_PMT_Window_179	Transportation						
121	450	-324	-150	7.39e-06	0	0.63	1.06e+04
Bottom_PMT_Photocathode_179	Transportation						
122	450	-325	-151	7.39e-06	0	1.26	1.06e+04
Bottom_PMT_Window_179	Transportation						
123	450	-325	-152	7.39e-06	0	0.63	1.06e+04
Bottom_PMT_Vacuum_179	Transportation						
124	450	-325	-152	7.39e-06	0	0	1.06e+04
Bottom_PMT_Window_179	Transportation						
125	449	-325	-151	7.39e-06	0	0.63	1.06e+04
Bottom_PMT_Photocathode_179	Transportation						
126	449	-326	-150	7.39e-06	0	1.26	1.06e+04
Bottom_PMT_Window_179	Transportation						
127	449	-326	-150	7.39e-06	0	0.63	1.06e+04
InnerLiquidXenon	Transportation						
128	445	-333	-140	7.39e-06	0	12.3	1.06e+04
InnerLiquidXenonBottomGridHolder	Transportation						
129	445	-333	-140	7.39e-06	0	0.259	1.06e+04
InnerLiquidXenon	Transportation						
130	409	-400	-37.1	7.39e-06	0	128	1.07e+04
InnerLiquidXenon	OpRayleigh						
131	236	-431	-60.8	7.39e-06	0	177	1.09e+04
InnerLiquidXenon	OpRayleigh						
132	96	-452	-4.1	7.39e-06	0	153	1.1e+04
InnerLiquidXenonCathodeGridHolder	Transportation						
133	95.5	-452	-3.9	7.39e-06	0	0.561	1.1e+04
InnerLiquidXenon	Transportation						

134	85.8	-454	1e-09	7.39e-06	0	10.5	1.1e+04
LiquidXenonTarget	Transportation						
135	-49.8	-475	54.7	7.39e-06	0	148	1.12e+04
LiquidXenonTarget	OpRayleigh						
136	-70	-465	56.5	7.39e-06	0	22.4	1.12e+04
LiquidXenonTarget	OpRayleigh						
137	-60.3	-514	70	7.39e-06	0	51.1	1.13e+04
LiquidXenonTarget	OpRayleigh						
138	-76.4	-512	77.3	7.39e-06	0	17.7	1.13e+04
LiquidXenonTarget	OpRayleigh						
139	-162	-384	79.1	7.39e-06	0	154	1.14e+04
LiquidXenonTarget	OpRayleigh						
140	231	-578	88.4	7.39e-06	0	438	1.19e+04
LiquidXenonTarget	OpRayleigh						
141	201	-646	194	7.39e-06	0	130	1.2e+04
LiquidXenonTarget	OpRayleigh						
142	-68.5	-558	1e-09	7.39e-06	0	344	1.23e+04
InnerLiquidXenon	Transportation						
143	-73.9	-556	-3.9	7.39e-06	0	6.9	1.24e+04
InnerLiquidXenonCathodeGridHolder	Transportation						
144	-74.2	-556	-4.1	7.39e-06	0	0.368	1.24e+04
InnerLiquidXenon	Transportation						
145	-79.1	-555	-7.61	7.39e-06	0	6.2	1.24e+04
InnerLiquidXenon	OpRayleigh						
146	-75.8	-556	-4.1	7.39e-06	0	4.96	1.24e+04
InnerLiquidXenonCathodeGridHolder	Transportation						
147	-75.6	-556	-3.9	7.39e-06	0	0.295	1.24e+04
InnerLiquidXenon	Transportation						
148	-71.9	-557	1e-09	7.39e-06	0	5.52	1.24e+04
LiquidXenonTarget	Transportation						
149	-36.9	-570	37.1	7.39e-06	0	52.5	1.24e+04
LiquidXenonTarget	OpRayleigh						
150	59.2	-598	57.9	7.39e-06	0	102	1.25e+04
LiquidXenonTarget	OpRayleigh						
151	57.2	-575	1e-09	7.39e-06	0	62.6	1.26e+04
InnerLiquidXenon	Transportation						
152	57.1	-573	-3.9	7.39e-06	0	4.21	1.26e+04
InnerLiquidXenonCathodeGridHolder	Transportation						
153	57	-573	-4.1	7.39e-06	0	0.225	1.26e+04
InnerLiquidXenon	Transportation						
154	52.4	-518	-140	7.39e-06	0	147	1.27e+04
InnerLiquidXenonBottomGridHolder	Transportation						
155	52.4	-518	-140	7.39e-06	0	0.225	1.27e+04
InnerLiquidXenon	Transportation						
156	52.1	-514	-150	7.39e-06	0	10.7	1.27e+04
Bottom_PMT_Window_223	Transportation						
157	52.1	-513	-150	7.39e-06	0	0.542	1.27e+04
Bottom_PMT_Photocathode_223	Transportation						
158	52	-513	-151	7.39e-06	0	1.08	1.28e+04
Bottom_PMT_Window_223	Transportation						
159	52	-513	-152	7.39e-06	0	0.542	1.28e+04
Bottom_PMT_Vacuum_223	Transportation						
160	50.5	-495	-172	7.39e-06	0	27.2	1.28e+04
Bottom_PMT_Body_223	Transportation						

161	50.6	-494	-173	7.39e-06	0	1.15	1.28e+04
LiquidSkinXenonBank Transportation							
162	57.2	-403	-216	7.39e-06	0	101	1.29e+04
Bottom_PMT_Body_198 Transportation							
163	57.2	-403	-216	7.39e-06	0	0	1.29e+04
LiquidSkinXenonBank Transportation							
164	116	-440	-302	7.39e-06	0	111	1.3e+04
LiquidSkinXenonBank OpRayleigh							
165	144	-548	-333	7.39e-06	0	115	1.31e+04
LiquidSkinXenon Transportation							
166	180	-691	-374	7.39e-06	0	153	1.33e+04
LiquidSkinXenon OpRayleigh							
167	205	-661	-402	7.39e-06	0	47.5	1.33e+04
PTFELinerLiquid Transportation							
168	205	-661	-402	7.39e-06	0	0	1.33e+04
LiquidSkinXenon Transportation							
169	198	-663	-363	7.39e-06	0	39.6	1.33e+04
LiquidSkinXenon OpRayleigh							
170	155	-597	-333	7.39e-06	0	84.7	1.34e+04
LiquidSkinXenonBank Transportation							
171	78.6	-480	-280	7.39e-06	0	149	1.36e+04
Bottom_PMT_Base_211 Transportation							
172	78.6	-480	-280	7.39e-06	0	0	1.36e+04
LiquidSkinXenonBank Transportation							
173	23.3	-468	-291	7.39e-06	0	57.7	1.36e+04
Bottom_PMT_Base_212 Transportation							
174	23.3	-468	-291	7.39e-06	0	0	1.36e+04
LiquidSkinXenonBank Transportation							
175	109	-481	-333	7.39e-06	0	96	1.37e+04
LiquidSkinXenon Transportation							
176	217	-496	-386	7.39e-06	0	121	1.39e+04
LiquidSkinXenon OpRayleigh							
177	210	-487	-413	7.39e-06	0	30.1	1.39e+04
LiquidSkinXenon OpRayleigh							
178	229	-486	-428	7.39e-06	0	24.6	1.39e+04
LiquidSkinXenon OpRayleigh							
179	313	-671	-333	7.39e-06	0	225	1.41e+04
LiquidSkinXenonBank Transportation							
180	329	-706	-315	7.39e-06	0	42.2	1.42e+04
LiquidSkinXenon Transportation							
181	339	-728	-304	7.39e-06	0	26.9	1.42e+04
LiquidSkinXenon OpRayleigh							
182	314	-767	-253	7.39e-06	0	68.6	1.43e+04
PTFELinerLiquid Transportation							
183	314	-767	-253	7.39e-06	0	0	1.43e+04
LiquidSkinXenon Transportation							
184	357	-735	-244	7.39e-06	0	53.8	1.43e+04
LiquidSkinXenon OpRayleigh							
185	353	-694	-255	7.39e-06	0	42.5	1.44e+04
LiquidSkinXenonBank Transportation							
186	347	-633	-272	7.39e-06	0	63.6	1.44e+04
Bottom_PMT_Body_229 Transportation							
187	347	-633	-272	7.39e-06	0	0	1.44e+04
LiquidSkinXenonBank Transportation							

188	328	-686	-326	7.39e-06	0	77.4	1.45e+04
LiquidSkinXenonBank OpRayleigh							
189	380	-674	-158	7.39e-06	0	176	1.47e+04
LiquidSkinXenonBank OpRayleigh							
190	379	-673	-150	7.39e-06	0	8.48	1.47e+04
LiquidSkinXenon Transportation							
191	372	-662	-30.1	7.39e-06	0	121	1.48e+04
PTFEWallsInLiquid Transportation							
192	372	-662	-30.1	7.39e-06	0	0	1.48e+04
LiquidSkinXenon Transportation							
193	419	-662	-95.8	7.39e-06	0	81	1.49e+04
LiquidSkinXenon OpRayleigh							
194	417	-634	-112	7.39e-06	0	31.7	1.49e+04
PTFEWallsInLiquid Transportation							
195	417	-634	-112	7.39e-06	0	0	1.49e+04
LiquidSkinXenon Transportation							
196	494	-666	-103	7.39e-06	0	83.4	1.5e+04
PTFELinerLiquid Transportation							
197	494	-666	-103	7.39e-06	0	0	1.5e+04
LiquidSkinXenon Transportation							
198	510	-562	-96	7.39e-06	0	106	1.51e+04
PTFEWallsInLiquid Transportation							
199	510	-562	-96	7.39e-06	0	0	1.51e+04
LiquidSkinXenon Transportation							
200	485	-672	-50.3	7.39e-06	0	122	1.52e+04
PTFELinerLiquid Transportation							
201	485	-672	-50.3	7.39e-06	0	0	1.52e+04
LiquidSkinXenon Transportation							
202	437	-621	9.18	7.39e-06	0	92.3	1.53e+04
PTFEWallsInLiquid Transportation							
203	437	-621	9.18	7.39e-06	0	0	1.53e+04
LiquidSkinXenon Transportation							
204	492	-667	37.7	7.39e-06	0	77.5	1.54e+04
PTFELinerLiquid Transportation							
205	492	-667	37.7	7.39e-06	0	0	1.54e+04
LiquidSkinXenon Transportation							
206	454	-608	18.5	7.39e-06	0	72.7	1.55e+04
PTFEWallsInLiquid Transportation							
207	454	-608	18.5	7.39e-06	0	0	1.55e+04
LiquidSkinXenon Transportation							
208	522	-644	-55.1	7.39e-06	0	106	1.56e+04
PTFELinerLiquid Transportation							
209	522	-644	-55.1	7.39e-06	0	0	1.56e+04
LiquidSkinXenon Transportation							
210	573	-534	-61.6	7.39e-06	0	122	1.57e+04
LiquidSkinXenon OpRayleigh							
211	572	-499	-20.3	7.39e-06	0	54.7	1.58e+04
PTFEWallsInLiquid Transportation							
212	572	-499	-20.3	7.39e-06	0	0	1.58e+04
LiquidSkinXenon Transportation							
213	570	-510	-21.1	7.39e-06	0	11.9	1.58e+04
LiquidSkinXenon OpRayleigh							
214	560	-512	-35.4	7.39e-06	0	17.2	1.58e+04
PTFEWallsInLiquid Transportation							

215	560	-512	-35.4	7.39e-06	0	0	1.58e+04
LiquidSkinXenon	Transportation						
216	660	-464	-101	7.39e-06	0	129	1.59e+04
LiquidSkinXenon	OpRayleigh						
217	618	-440	-105	7.39e-06	0	48.4	1.6e+04
PTFEWallsInLiquid	Transportation						
218	618	-440	-105	7.39e-06	0	0	1.6e+04
LiquidSkinXenon	Transportation						
219	621	-441	-105	7.39e-06	0	2.53	1.6e+04
LiquidSkinXenon	OpRayleigh						
220	683	-458	-37.7	7.39e-06	0	93.5	1.61e+04
LiquidSkinXenon	OpRayleigh						
221	687	-450	-40	7.39e-06	0	9.6	1.61e+04
LiquidSkinXenon	OpRayleigh						
222	694	-453	-38.9	7.39e-06	0	8.17	1.61e+04
PTFELinerLiquid	Transportation						
223	694	-453	-38.9	7.39e-06	0	0	1.61e+04
LiquidSkinXenon	Transportation						
224	689	-440	-46.3	7.39e-06	0	15.6	1.61e+04
LiquidSkinXenon	OpRayleigh						
225	702	-414	-176	7.39e-06	0	133	1.62e+04
LiquidSkinXenon	OpRayleigh						
226	721	-408	-163	7.39e-06	0	24.4	1.63e+04
PTFELinerLiquid	Transportation						
227	721	-408	-163	7.39e-06	0	0	1.63e+04
LiquidSkinXenon	Transportation						
228	657	-418	-222	7.39e-06	0	87.5	1.63e+04
LiquidSkinXenonBank	Transportation						
229	629	-422	-248	7.39e-06	0	38.4	1.64e+04
LiquidSkinXenonBank	OpRayleigh						
230	639	-445	-239	7.39e-06	0	26.3	1.64e+04
LiquidSkinXenon	Transportation						
231	663	-497	-218	7.39e-06	0	61.1	1.65e+04
PTFELinerLiquid	Transportation						
232	663	-497	-218	7.39e-06	0	0	1.65e+04
LiquidSkinXenon	Transportation						
233	643	-439	-250	7.39e-06	0	69.2	1.65e+04
LiquidSkinXenonBank	Transportation						
234	591	-289	-333	7.39e-06	0	180	1.67e+04
LiquidSkinXenon	Transportation						
235	583	-266	-346	7.39e-06	0	27.4	1.67e+04
LiquidSkinXenon	OpRayleigh						
236	651	-215	-405	7.39e-06	0	103	1.69e+04
PTFELinerLiquid	Transportation						
237	651	-215	-405	7.39e-06	0	0	1.69e+04
LiquidSkinXenon	Transportation						
238	326	-216	-333	7.39e-06	0	333	1.72e+04
LiquidSkinXenonBank	Transportation						
239	146	-217	-293	7.39e-06	0	184	1.74e+04
Bottom_PMT_Base_167	Transportation						
240	146	-217	-293	7.39e-06	0	0	1.74e+04
LiquidSkinXenonBank	Transportation						
241	138	-215	-296	7.39e-06	0	8.96	1.74e+04
LiquidSkinXenonBank	OpRayleigh						

242	251	-154	-333	7.39e-06	0	134	1.75e+04
LiquidSkinXenon	Transportation						
243	402	-72.3	-382	7.39e-06	0	178	1.77e+04
LiquidSkinXenon	OpRayleigh						
244	435	-64.9	-379	7.39e-06	0	34.2	1.77e+04
LiquidSkinXenon	OpRayleigh						
245	596	-108	-347	7.39e-06	0	169	1.79e+04
LiquidSkinXenon	OpRayleigh						
246	631	-130	-333	7.39e-06	0	43.6	1.79e+04
LiquidSkinXenonBank	Transportation						
247	694	-168	-308	7.39e-06	0	77.5	1.8e+04
LiquidSkinXenonBank	OpRayleigh						
248	774	-91.1	-293	7.39e-06	0	112	1.81e+04
LiquidSkinXenon	Transportation						
249	821	-45.4	-284	7.39e-06	0	66.6	1.82e+04
PTFELinerLiquid	Transportation						
250	821	-45.4	-284	7.39e-06	0	0	1.82e+04
LiquidSkinXenon	Transportation						
251	808	-43.6	-276	7.39e-06	0	15.6	1.82e+04
LiquidSkinXenon	OpRayleigh						
252	797	-47.6	-323	7.39e-06	0	48.3	1.83e+04
PTFELinerLiquid	Transportation						
253	797	-47.6	-323	7.39e-06	0	0	1.83e+04
LiquidSkinXenon	Transportation						
254	777	-49.8	-322	7.39e-06	0	20.2	1.83e+04
LiquidSkinXenonBank	Transportation						
255	418	-88.4	-290	7.39e-06	0	363	1.86e+04
Bottom_PMT_Base_133	Transportation						
256	418	-88.4	-290	7.39e-06	0	0	1.86e+04
LiquidSkinXenonBank	Transportation						
257	588	-143	-283	7.39e-06	0	179	1.88e+04
Bottom_PMT_Base_146	Transportation						
258	588	-143	-283	7.39e-06	0	0	1.88e+04
LiquidSkinXenonBank	Transportation						
259	526	-67.8	-333	7.39e-06	0	110	1.89e+04
LiquidSkinXenon	Transportation						
260	486	-20.1	-365	7.39e-06	0	69.7	1.9e+04
LiquidSkinXenon	OpRayleigh						
261	475	-11.1	-477	7.39e-06	0	113	1.91e+04
PTFELinerLiquid	Transportation						
262	475	-11.1	-477	7.39e-06	0	0	1.91e+04
LiquidSkinXenon	Transportation						
263	445	4.78	-381	7.39e-06	0	102	1.92e+04
LiquidSkinXenon	OpRayleigh						
264	197	150	-514	7.39e-06	0	316	1.95e+04
PTFELinerLiquid	Transportation						
265	197	150	-514	7.39e-06	0	0	1.95e+04
LiquidSkinXenon	Transportation						
266	209	49.5	-333	7.39e-06	0	208	1.97e+04
LiquidSkinXenonBank	Transportation						
267	218	-30.9	-188	7.39e-06	0	166	1.99e+04
Bottom_PMT_Rod1_135	Transportation						
268	218	-30.9	-188	7.39e-06	0	0	1.99e+04
LiquidSkinXenonBank	Transportation						

269	200	-10.2	-200	7.39e-06	0	30.2	1.99e+04
Bottom_PMT_Body_119 Transportation							
270	200	-10.2	-200	7.39e-06	0	0	1.99e+04
LiquidSkinXenonBank Transportation							
271	244	-21.3	-180	7.39e-06	0	49.8	2e+04
Bottom_PMT_Body_118 Transportation							
272	244	-21.3	-180	7.39e-06	0	0	2e+04
LiquidSkinXenonBank Transportation							
273	302	-49.6	-241	7.39e-06	0	88.7	2.01e+04
Bottom_PMT_Body_134 Transportation							
274	302	-49.6	-241	7.39e-06	0	6.43e-15	2.01e+04
LiquidSkinXenonBank Transportation							
275	282	-18.6	-205	7.39e-06	0	51.2	2.01e+04
Bottom_PMT_Body_118 Transportation							
276	282	-18.6	-205	7.39e-06	0	0	2.01e+04
LiquidSkinXenonBank Transportation							
277	290	-55.1	-237	7.39e-06	0	48.9	2.02e+04
Bottom_PMT_Body_134 Transportation							
278	290	-55.1	-237	7.39e-06	0	1.28e-14	2.02e+04
LiquidSkinXenonBank Transportation							
279	268	-26.2	-236	7.39e-06	0	36.5	2.02e+04
Bottom_PMT_Body_118 Transportation							
280	268	-26.2	-236	7.39e-06	0	0	2.02e+04
LiquidSkinXenonBank Transportation							
281	279	-131	-220	7.39e-06	0	107	2.03e+04
Bottom_PMT_Body_150 Transportation							
282	279	-131	-220	7.39e-06	0	0	2.03e+04
LiquidSkinXenonBank Transportation							
283	315	-112	-184	7.39e-06	0	54.1	2.04e+04
LiquidSkinXenonBank OpRayleigh							
284	319	-130	-163	7.39e-06	0	28.3	2.04e+04
Bottom_PMT_Body_149 Transportation							
285	319	-130	-163	7.39e-06	0	0	2.04e+04
LiquidSkinXenonBank Transportation							
286	258	-111	-333	7.39e-06	0	182	2.06e+04
LiquidSkinXenon Transportation							
287	192	-89.1	-518	7.39e-06	0	197	2.08e+04
PTFELinerLiquid Transportation							
288	192	-89.1	-518	7.39e-06	0	0	2.08e+04
LiquidSkinXenon Transportation							
289	210	-49.6	-507	7.39e-06	0	44.7	2.08e+04
LiquidSkinXenon OpRayleigh							
290	205	-54.9	-518	7.39e-06	0	12.8	2.08e+04
PTFELinerLiquid Transportation							
291	205	-54.9	-518	7.39e-06	0	0	2.08e+04
LiquidSkinXenon Transportation							
292	342	-121	-333	7.39e-06	0	239	2.11e+04
LiquidSkinXenonBank Transportation							
293	412	-154	-240	7.39e-06	0	120	2.12e+04
Bottom_PMT_Body_148 Transportation							
294	412	-154	-240	7.39e-06	0	3.26e-14	2.12e+04
LiquidSkinXenonBank Transportation							
295	316	-203	-237	7.39e-06	0	107	2.13e+04
Bottom_PMT_Body_165 Transportation							

296	316	-203	-237	7.39e-06	0	1.75e-14	2.13e+04
LiquidSkinXenonBank Transportation							
297	303	-102	-258	7.39e-06	0	104	2.14e+04
Bottom_PMT_Body_134 Transportation							
298	303	-102	-258	7.39e-06	0	0	2.14e+04
LiquidSkinXenonBank Transportation							
299	244	-109	-188	7.39e-06	0	91.6	2.15e+04
Bottom_PMT_Rod3_135 Transportation							
300	244	-109	-188	7.39e-06	0	0	2.15e+04
LiquidSkinXenonBank Transportation							
301	259	-79	-194	7.39e-06	0	34.6	2.15e+04
LiquidSkinXenonBank OpRayleigh							
302	246	-76	-193	7.39e-06	0	13.6	2.15e+04
Bottom_PMT_Body_135 Transportation							
303	246	-76	-193	7.39e-06	0	3.64e-14	2.15e+04
LiquidSkinXenonBank Transportation							
304	249	-80.2	-180	7.39e-06	0	13.8	2.16e+04
Bottom_PMT_Body_135 Transportation							
305	249	-80.2	-180	7.39e-06	0	0	2.16e+04
LiquidSkinXenonBank Transportation							
306	283	-87.5	-220	7.39e-06	0	53.1	2.16e+04
Bottom_PMT_Body_134 Transportation							
307	283	-87.5	-220	7.39e-06	0	0	2.16e+04
LiquidSkinXenonBank Transportation							
308	245	-69.3	-232	7.39e-06	0	43.7	2.17e+04
Bottom_PMT_Body_135 Transportation							
309	245	-69.3	-232	7.39e-06	0	9e-14	2.17e+04
LiquidSkinXenonBank Transportation							
310	249	-76.8	-242	7.39e-06	0	12.8	2.17e+04
LiquidSkinXenonBank OpRayleigh							
311	254	-25	-227	7.39e-06	0	54.1	2.17e+04
Bottom_PMT_Body_118 Transportation							
312	254	-25	-227	7.39e-06	0	-0	2.17e+04
LiquidSkinXenonBank Transportation							
313	252	-127	-248	7.39e-06	0	104	2.18e+04
Bottom_PMT_Body_150 Transportation							
314	252	-127	-248	7.39e-06	0	7.43e-14	2.18e+04
LiquidSkinXenonBank Transportation							
315	205	-115	-312	7.39e-06	0	80.3	2.19e+04
BottomTruss Transportation							

 * G4Track Information: Particle = opticalphoton, Track ID = 1,
 Parent ID = 0

Step#	X (mm)	Y (mm)	Z (mm)	KinE (MeV)	dE (MeV)	StepLeng	TrackLeng
NextVolume ProcName							
0	198	-638	764	7.13e-06	0	0	0
LiquidXenonTarget initStep							
1	212	-708	812	7.13e-06	0	85.4	85.4
PTFEWallsInLiquid Transportation							

2	212	-708	812	7.13e-06	0	0	85.4
LiquidXenonTarget	Transportation						
3	296	-564	674	7.13e-06	0	216	302
LiquidXenonTarget	OpRayleigh						
4	396	-604	776	7.13e-06	0	148	450
LiquidXenonTarget	OpRayleigh						
5	333	-660	798	7.13e-06	0	87.5	537
PTFEWallsInLiquid	Transportation						
6	333	-660	798	7.13e-06	0	0	537
LiquidXenonTarget	Transportation						
7	333	-659	797	7.13e-06	0	1.8	539
LiquidXenonTarget	OpRayleigh						
8	341	-655	788	7.13e-06	0	12.9	552
PTFEWallsInLiquid	Transportation						
9	341	-655	788	7.13e-06	0	0	552
LiquidXenonTarget	Transportation						
10	351	-599	766	7.13e-06	0	60.8	613
LiquidXenonTarget	OpRayleigh						
11	223	-687	821	7.13e-06	0	165	778
LiquidXenonTarget	OpRayleigh						
12	116	-426	526	7.13e-06	0	408	1.19e+03
LiquidXenonTarget	OpAbsorption						

Output saved to ./liquidreflectivity_target_tracked_1.00_1220.bin

Run 0 time to completion: 1 seconds
 Graphics systems deleted.
 Visualization Manager deleting...
 LUXSim manager deleted.