

Future Colliders

Beam Background Studies

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CIRCE

- Sent source code from Lindsey a couple weeks ago
- Spent most of my time configuring and setting it up - countless issues
- GuineaPig -> Circe Template -> Circe Tool -> Circe Generate
- Not far away from the last step but still a few issues left

Current Instructions (so far):

https://docs.google.com/document/d/1xAx8X0am1Q90q_DAZiBWxDmJv5FOCwRyvDY-U4PHj9g/edit?usp=sharing

Current Issues/Errors

GUINEA-PIG:

- Supposedly it makes “.histogram” files that CIRCE wants to use (optionally)
- Parameters: n_x and n_y must be powers of 2 now - had to modify params to run

CIRCE:

- circe2_tool.opt - will not read in any scientific notation values (1.234e-06)
- circe2_tool.opt - Fatal error: exception Division.Above_max(1.012512, _, 0).