BFEM Experience

GLAST Ground Software Workshop
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What have we learned so far?

- The **same code** is used to reconstruct BFEM, BTEM and Flight-instrument data. It works!

- There's nothing like **real data** for focusing the mind. When we looked at the events in detail, it was immediately obvious (to some of us) that there were problems with the geometry, which were quickly understood.

- Similarly, it's clear that TkrRecon has some glaring deficiencies:
  - It doesn't know about upward-going photons.
  - Its definition of a gamma is unconventional (to put it politely).

- We need to start developing **public** methods for particle ID (identification of photons and nuclei, background rejection, etc.). Lots of people have made various efforts in this area, but it seems wasteful for each person to personally re-invent everything. A common framework would be useful.