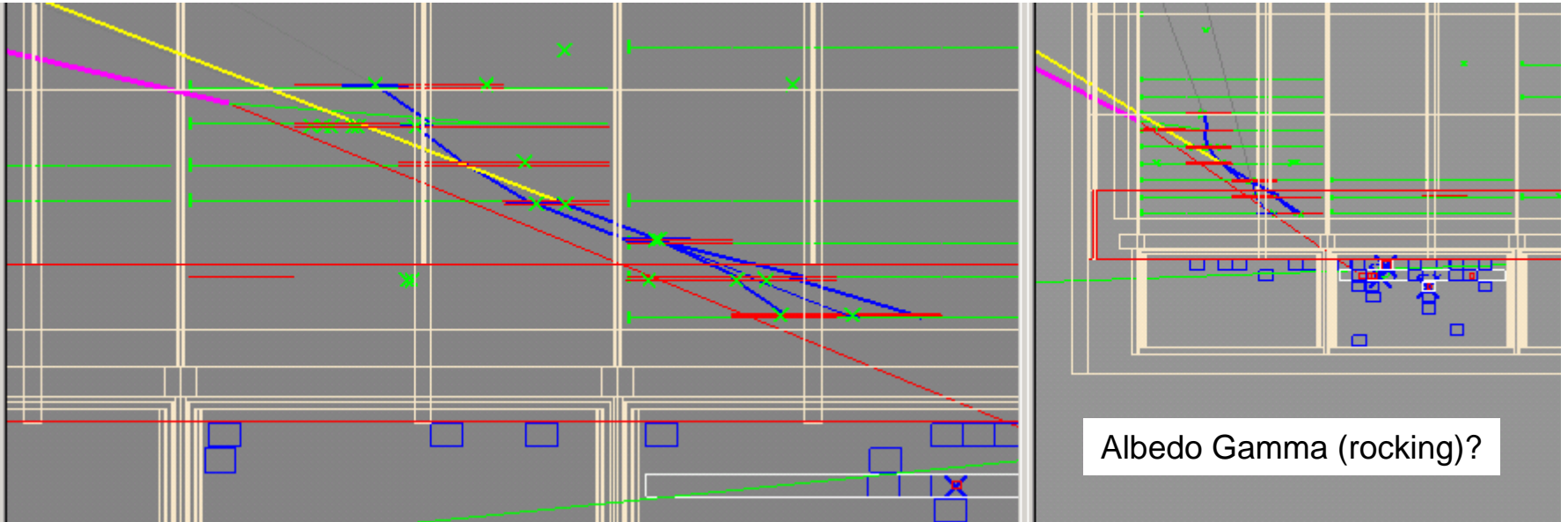
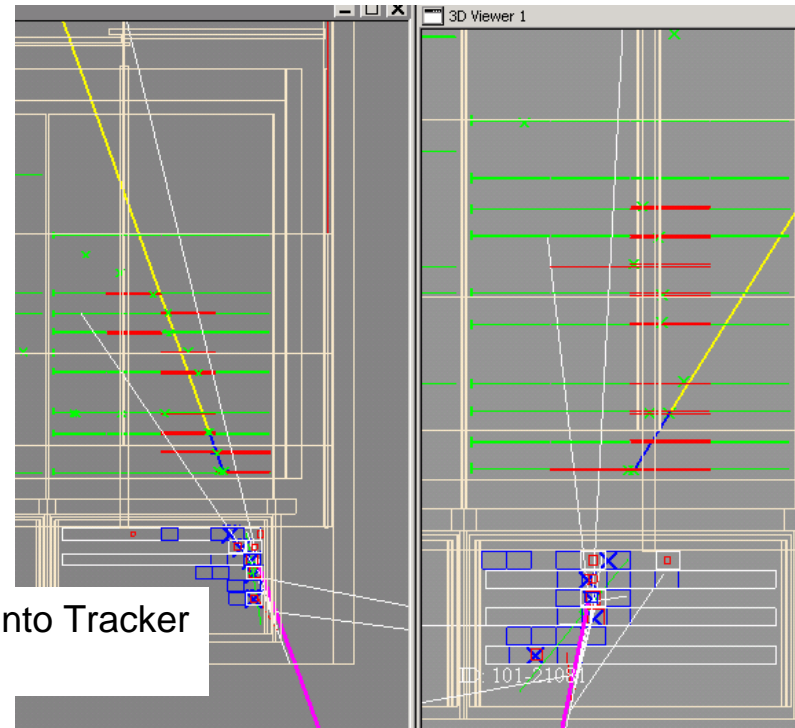
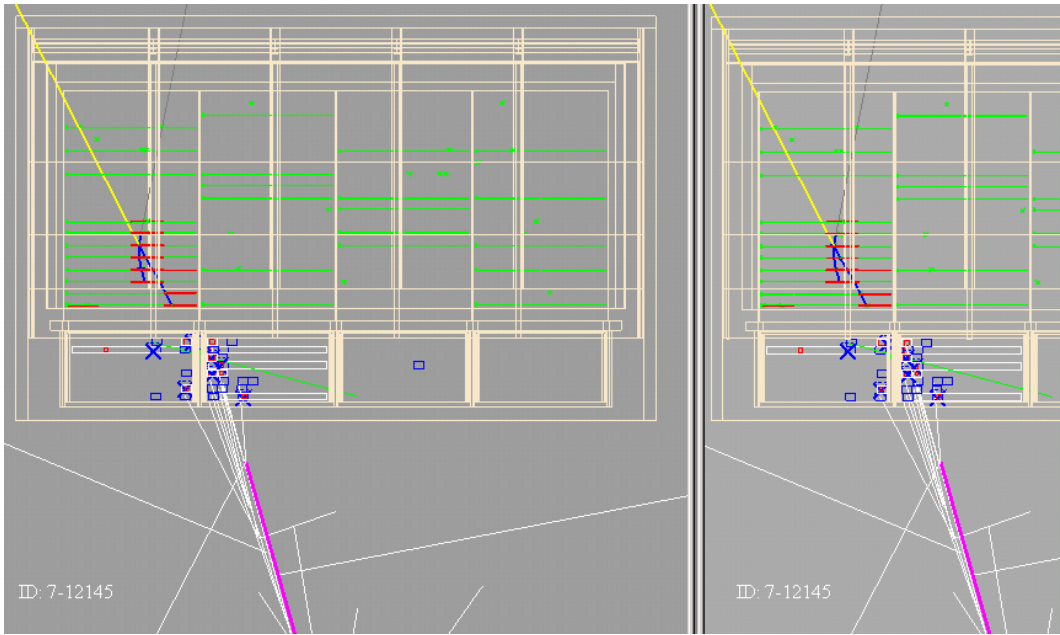


Glast's Own

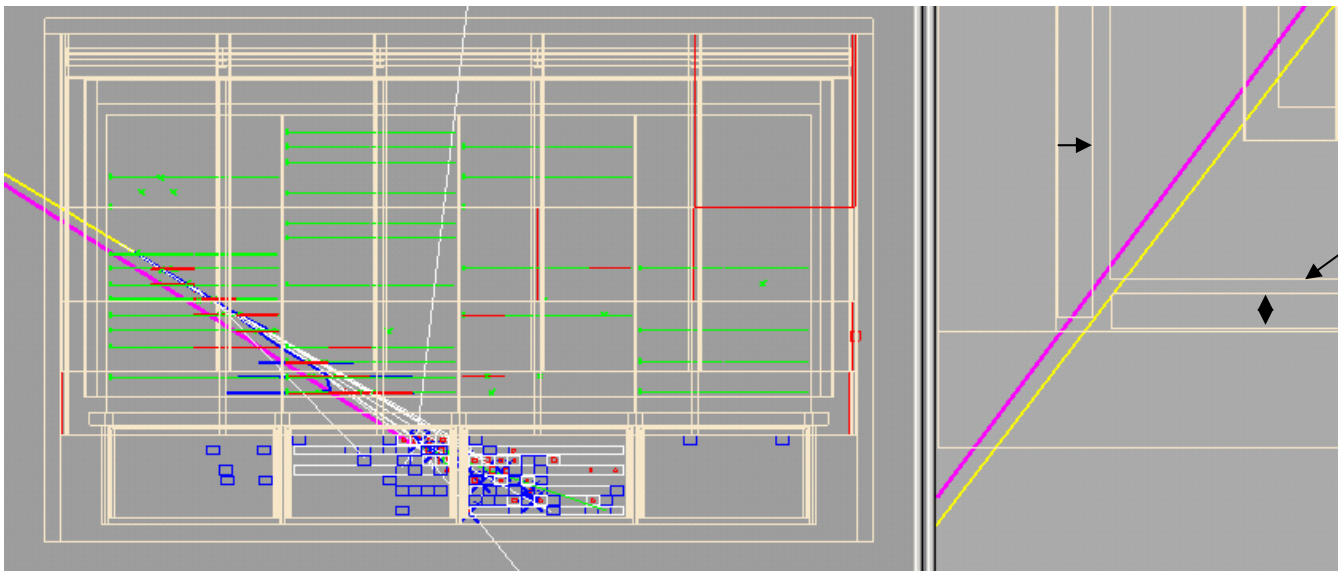
# Freak Show

Back Entering e+ - soft shower into Tracker  
from below



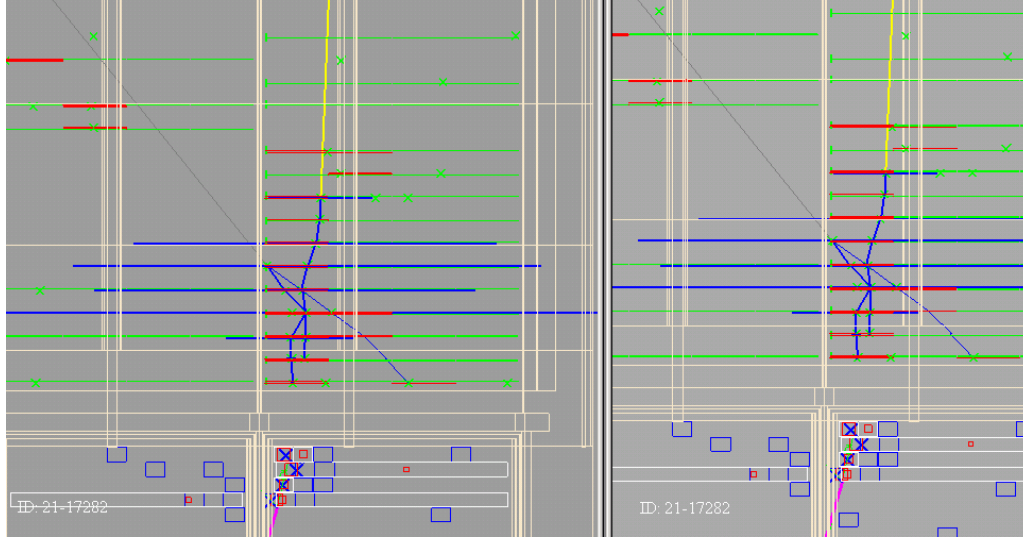


$e^+$  enters backside – spacecraft interaction – shower into LAT

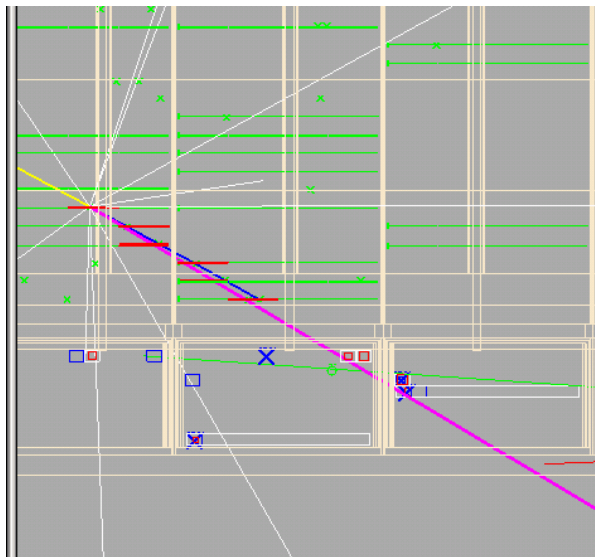


Side / Corner entering  $e^+$

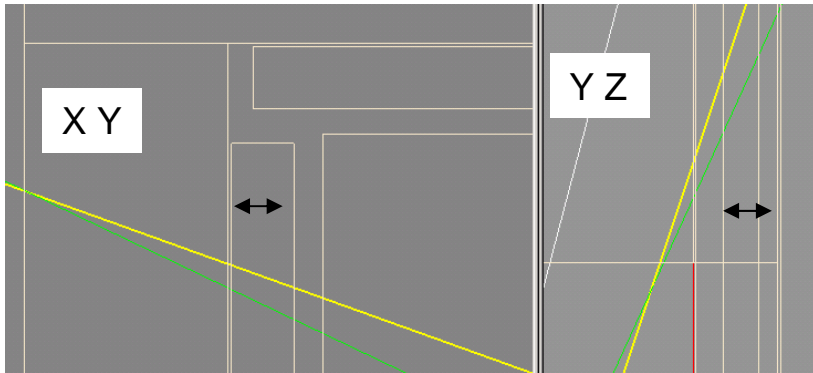
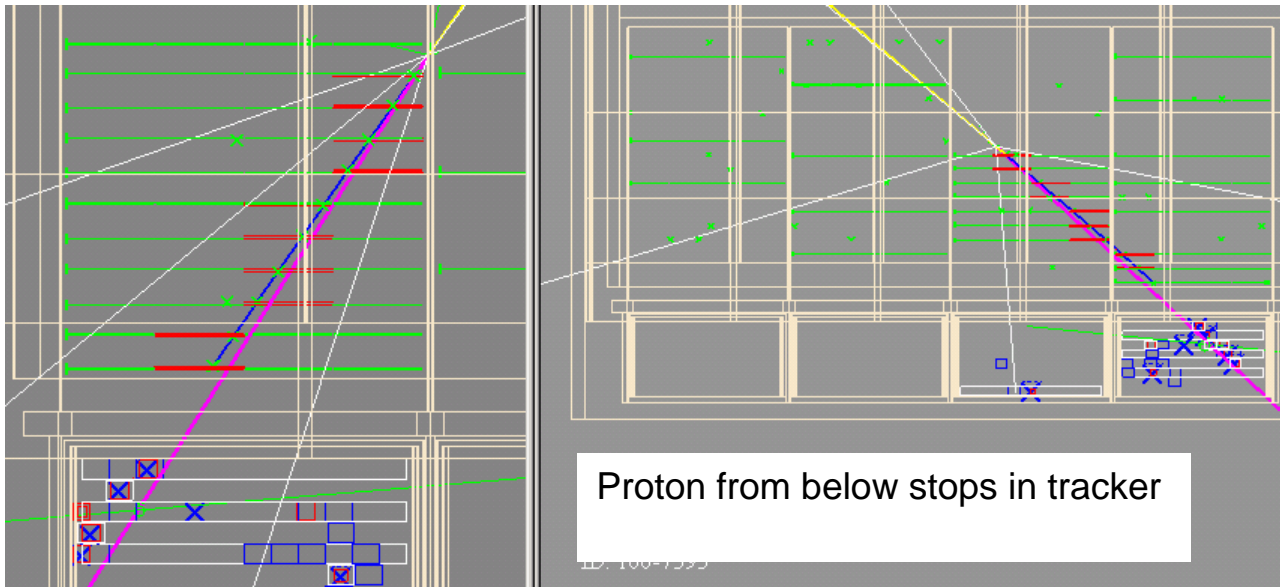
Scintillator



Back Side Entering Gamma  
Showers into Tracker



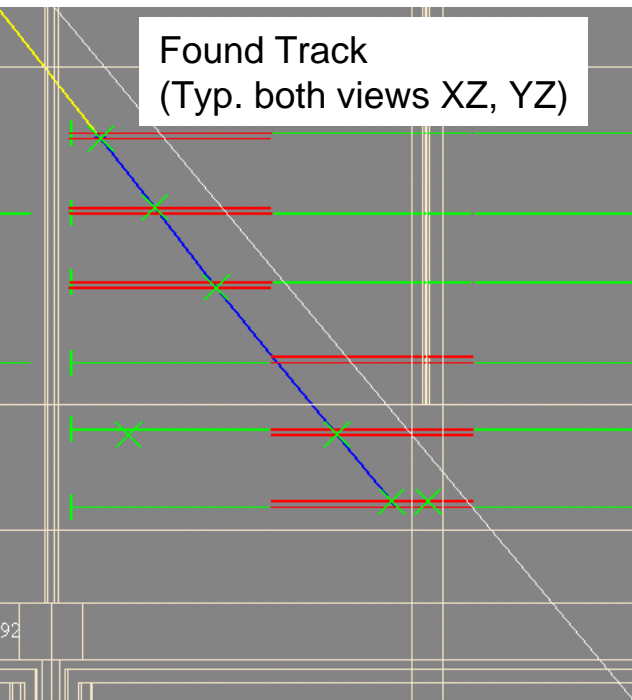
Side entering stopping proton



Corner Crossing e+

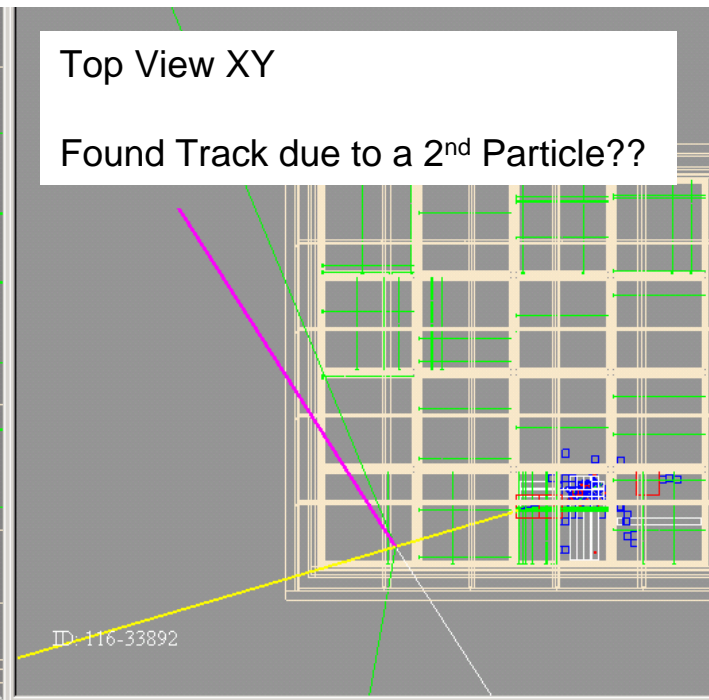
↔ Side Row Scintillator

Found Track  
(Typ. both views XZ, YZ)

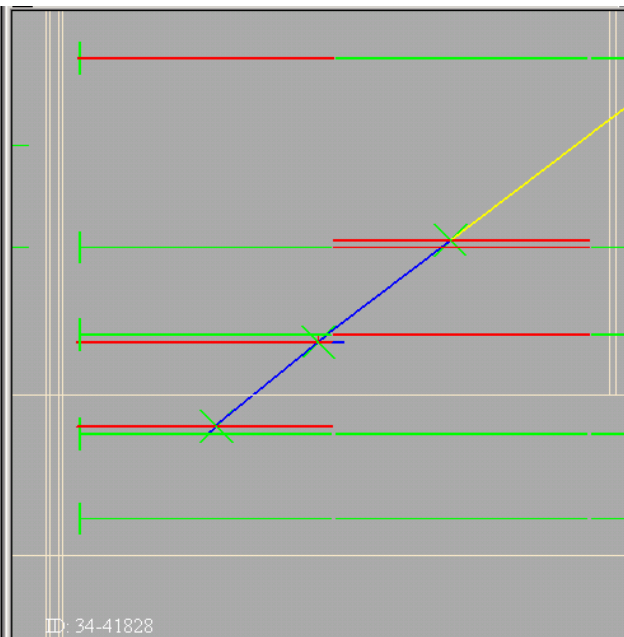
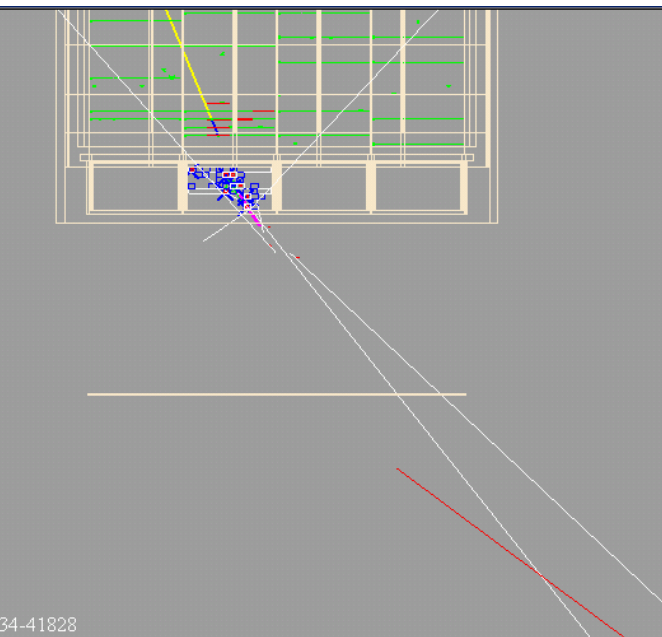


Top View XY

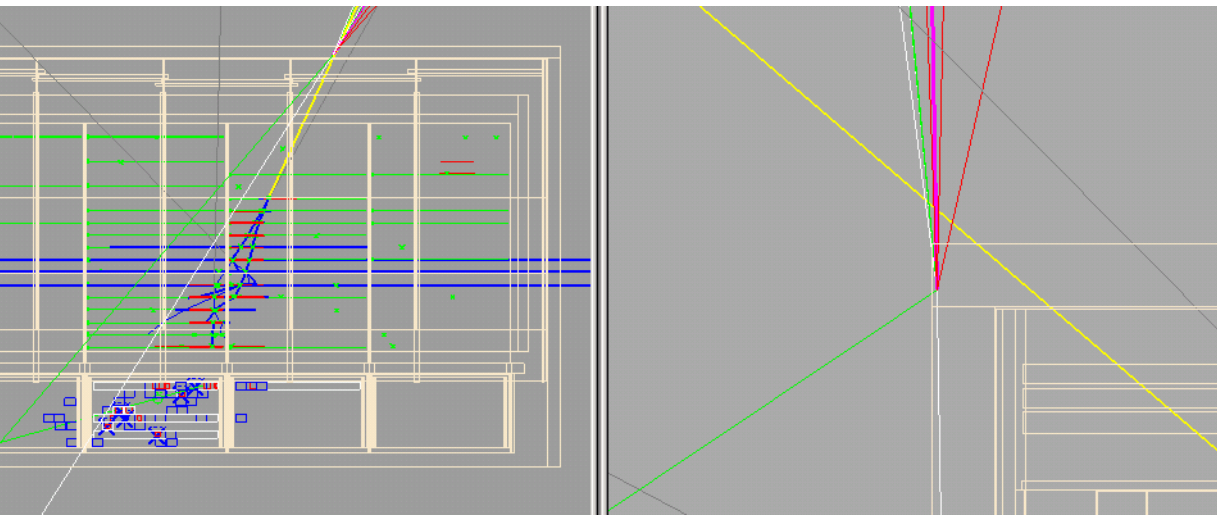
Found Track due to a 2<sup>nd</sup> Particle??



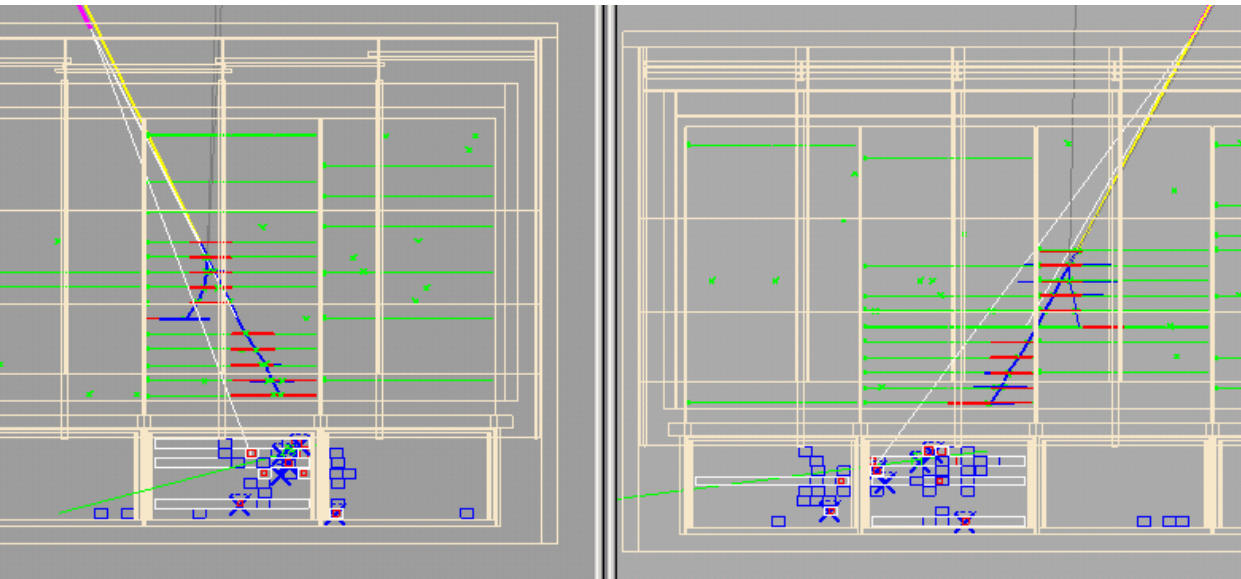
Incoming Proton –  
makes no sense ????



e<sup>+</sup> Interaction in the space craft  
Produces 85 MeV  $\gamma$  hitting Cal  
backside. Shower Frags. create  
Tracker track

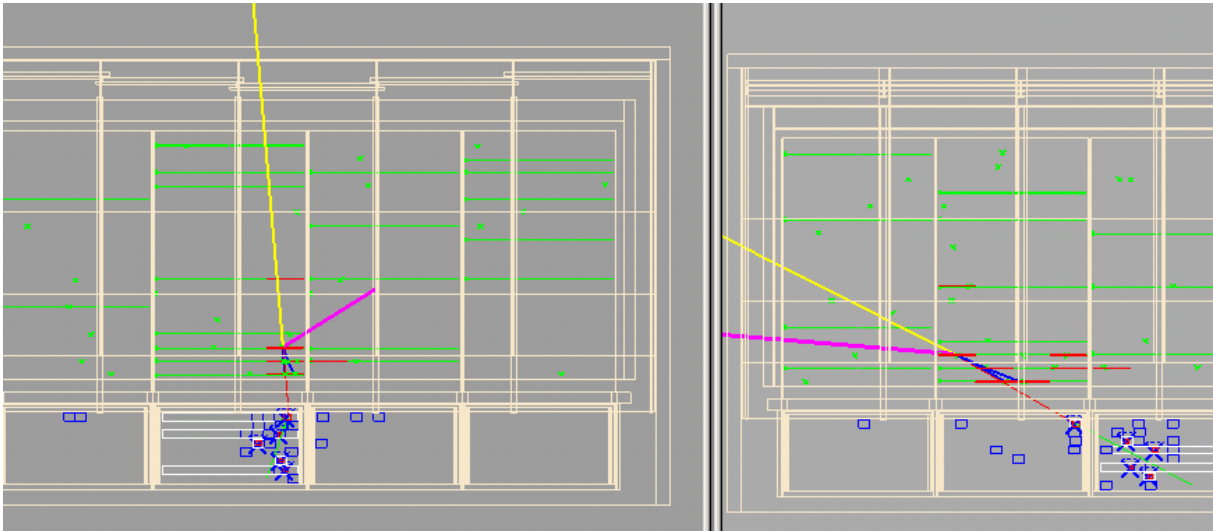


11 GeV proton interaction in blanket – makes 250 MeV  $\pi^0$

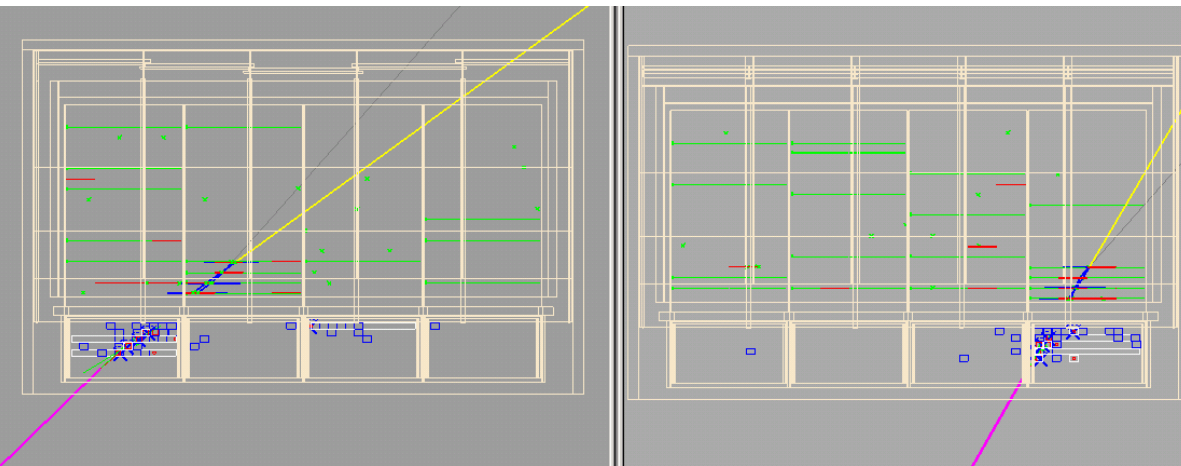


204 MeV  $e^+$  annihilates in blanket - one  $\gamma$  converts, the other plows into Cal.

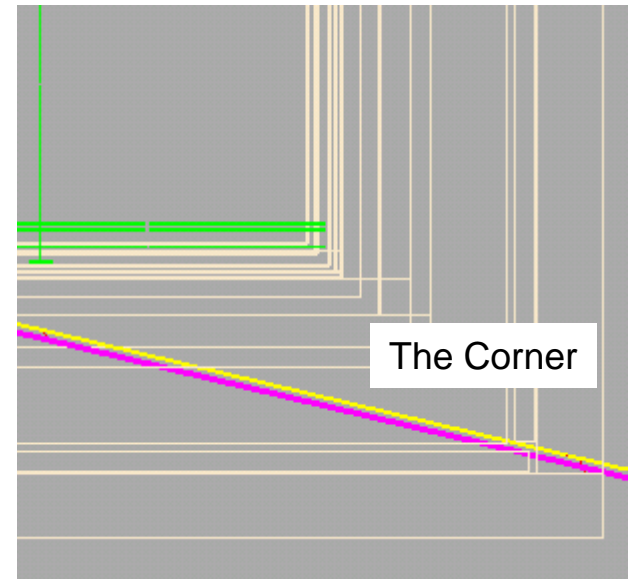
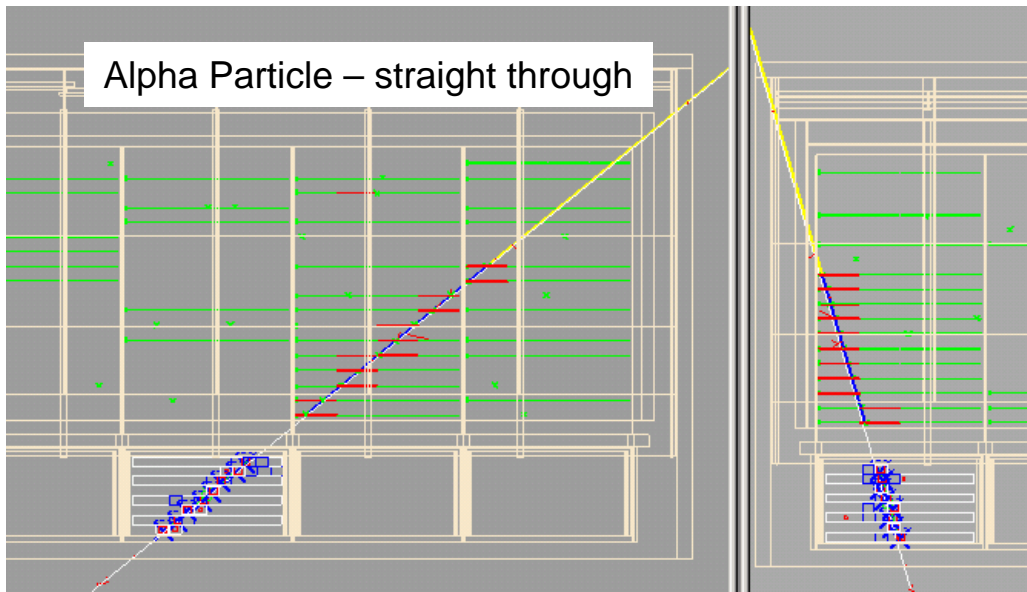




Side entering albedo  $\gamma$   
low energy – direction  
unreconstructable



Back side entering  $\gamma$  (367 MeV)  
Shower boil-out gives track



There are a surprising number of Alpha/Heavy Ions in the residuals