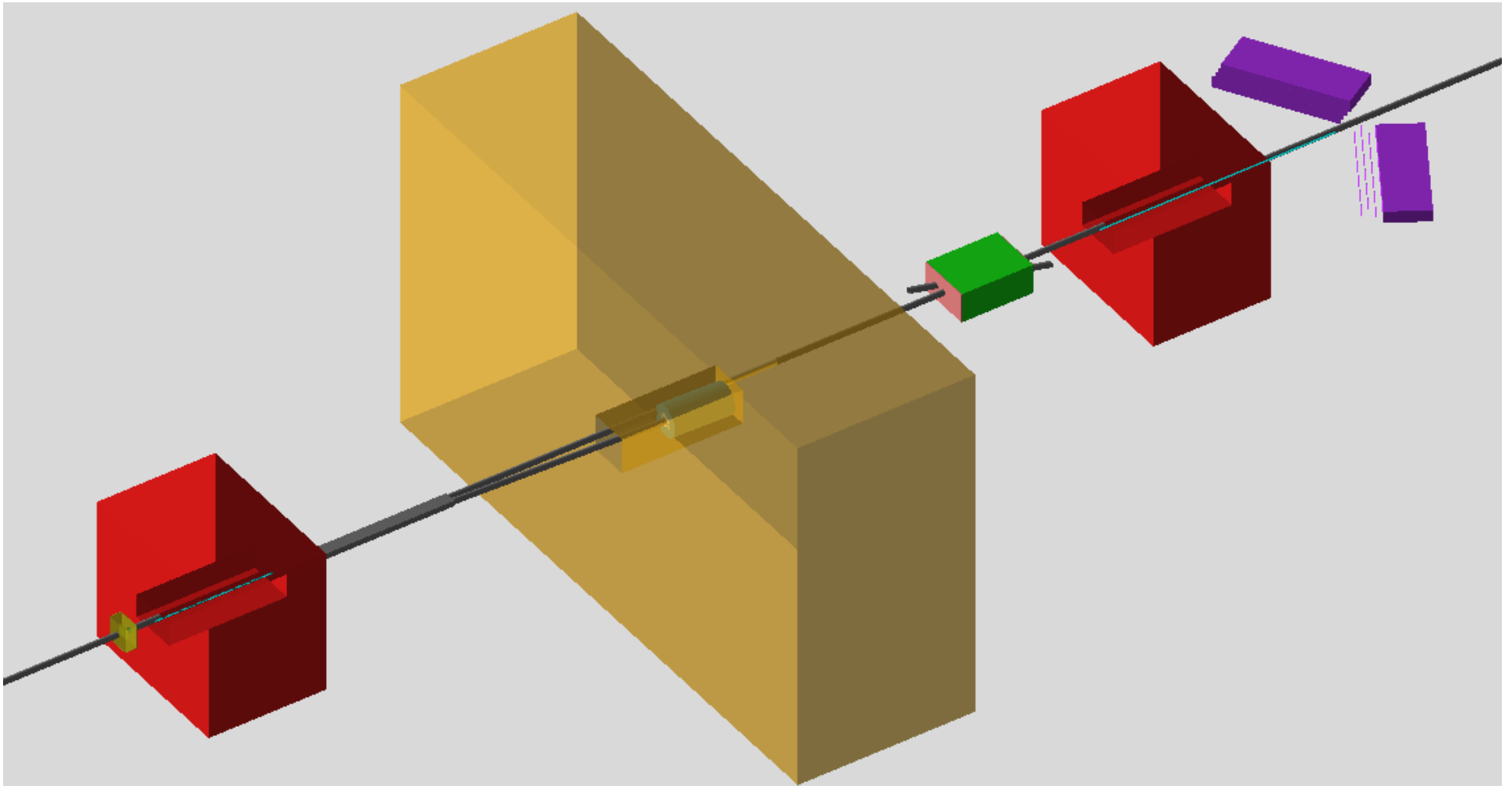


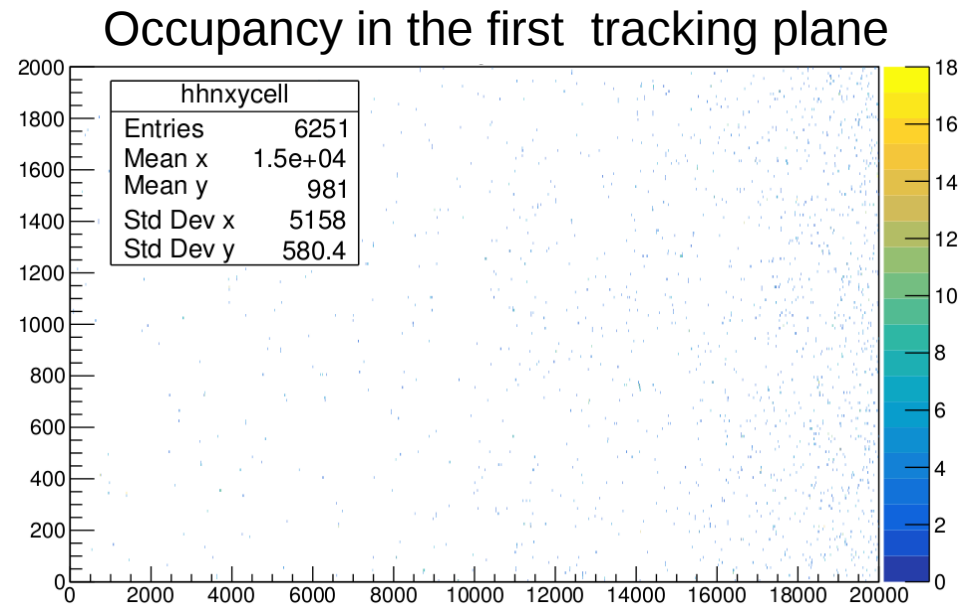
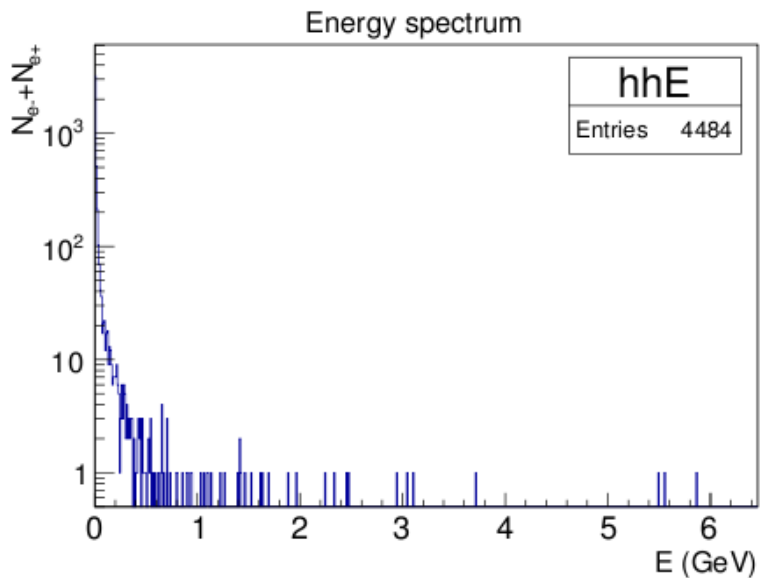
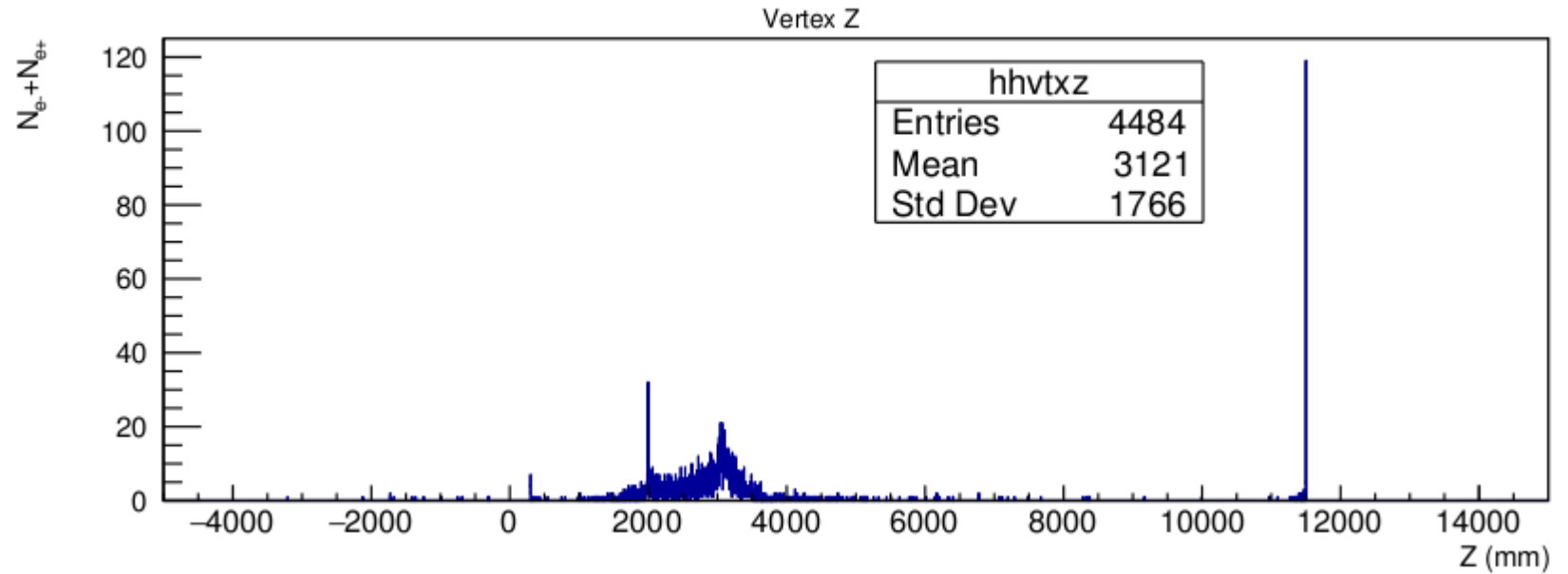
Beam dump combined with shielding



Distance from the bremsstrahlung target to IP is 7.25 m

Background tracks

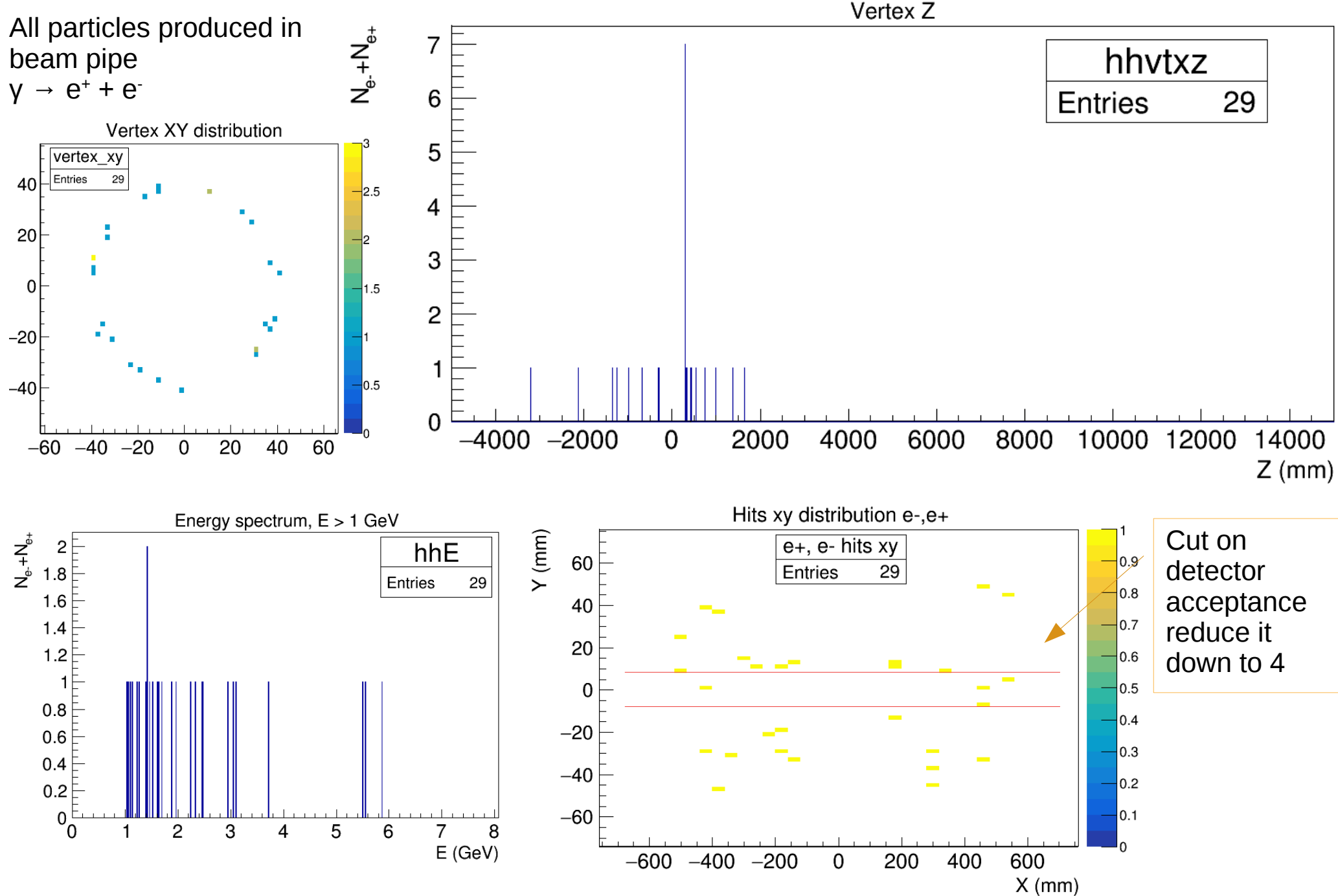
700M e- simulated



Background track with energy above 1 GeV

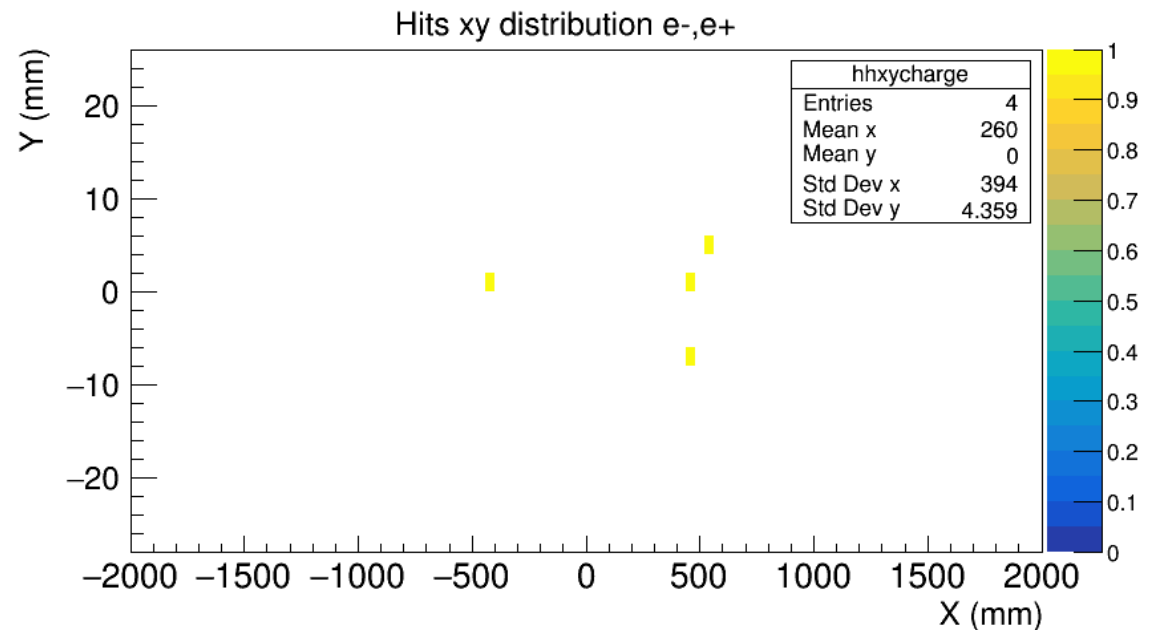
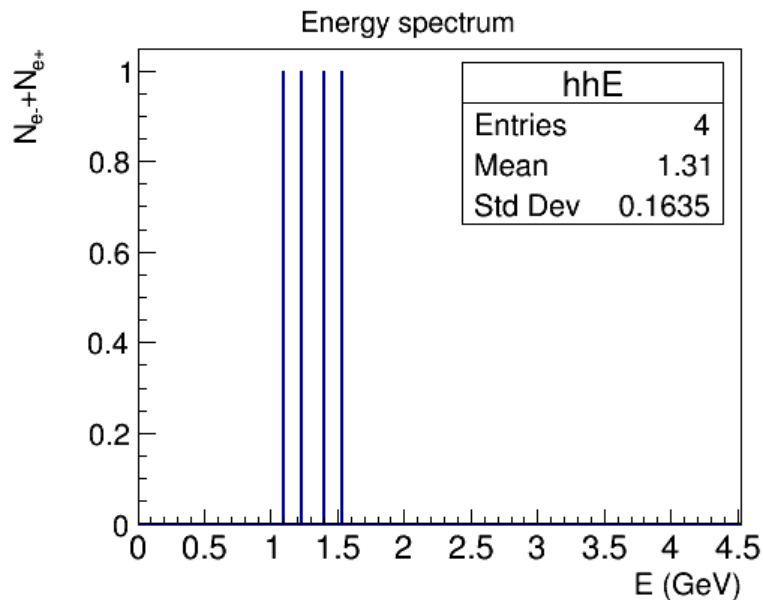
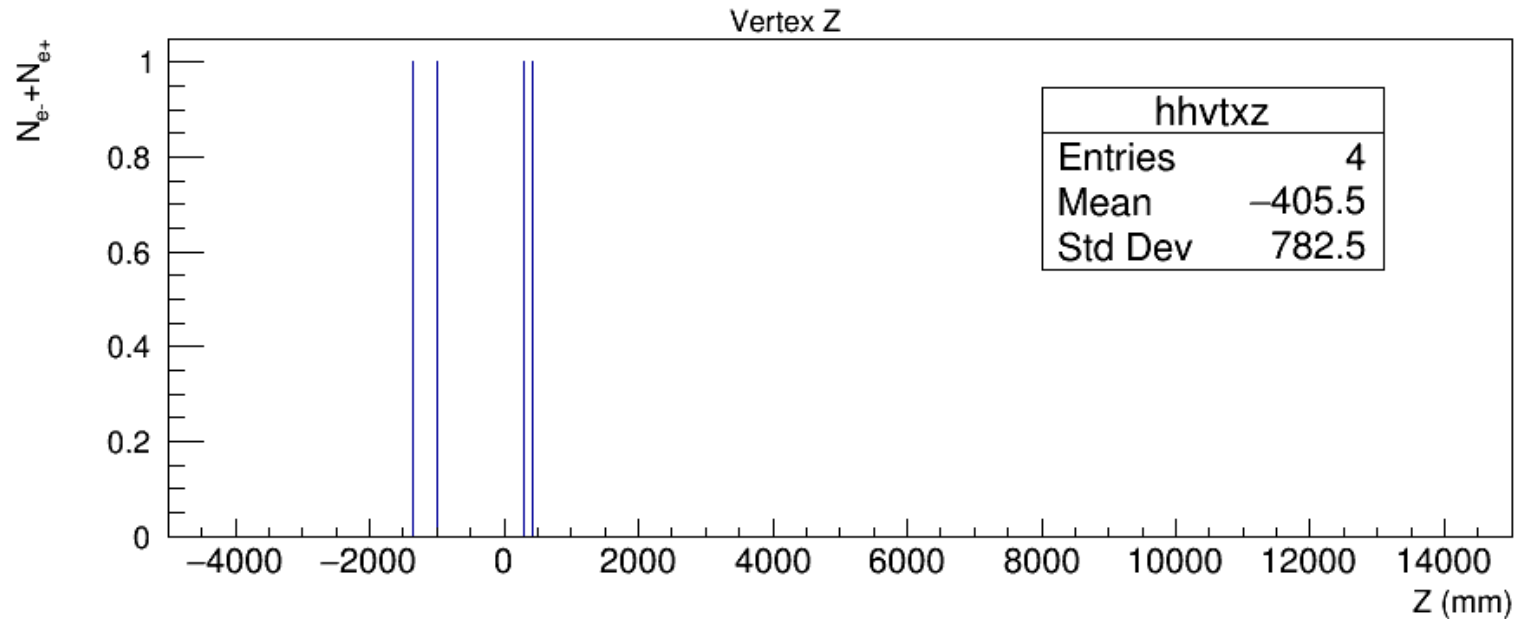
700M e- simulated

All particles produced in
beam pipe
 $\gamma \rightarrow e^+ + e^-$



Background track with energy above 1 GeV and Y position in detector in the range +/-7.5 mm.

Essentially, these hits are in the places which corresponds to high energy particles, so most probably can be identified as a background by calorimeters.



Beam Pipe

$D = 10\text{ cm}$

