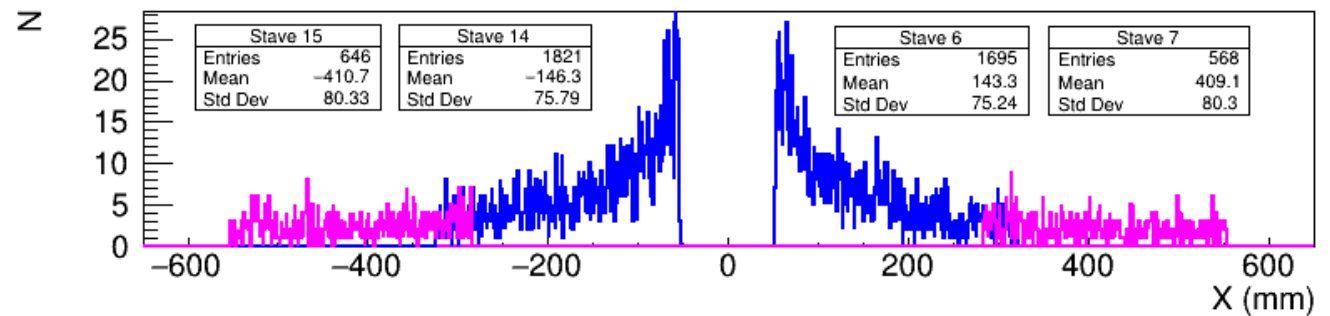
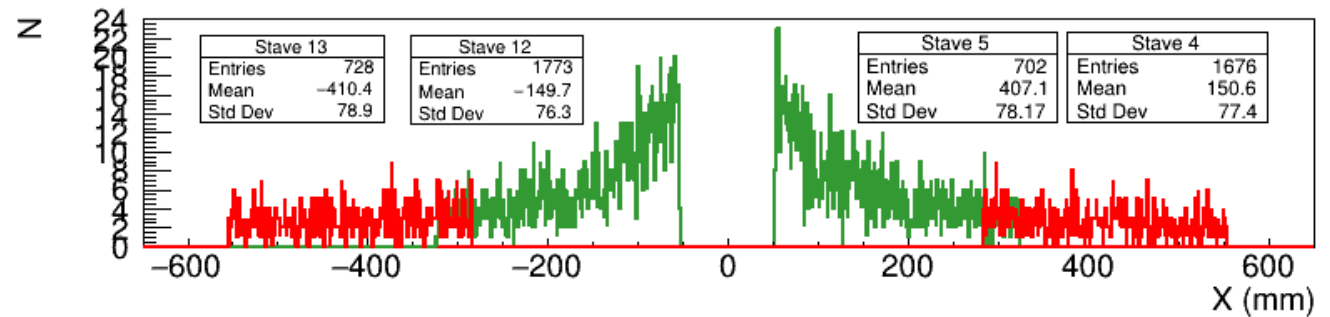
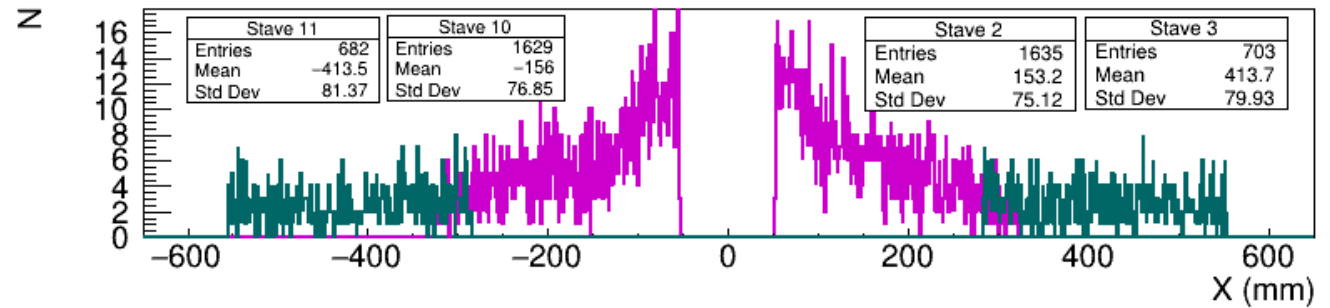
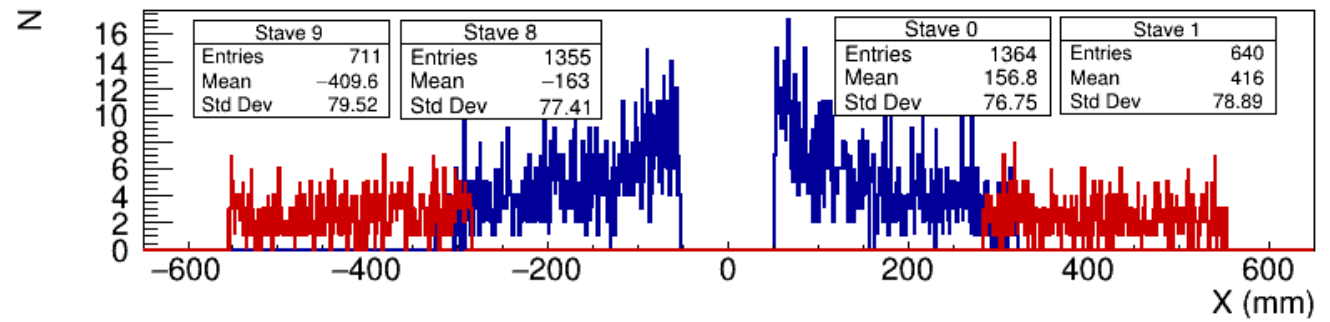


Update on Background Simulation

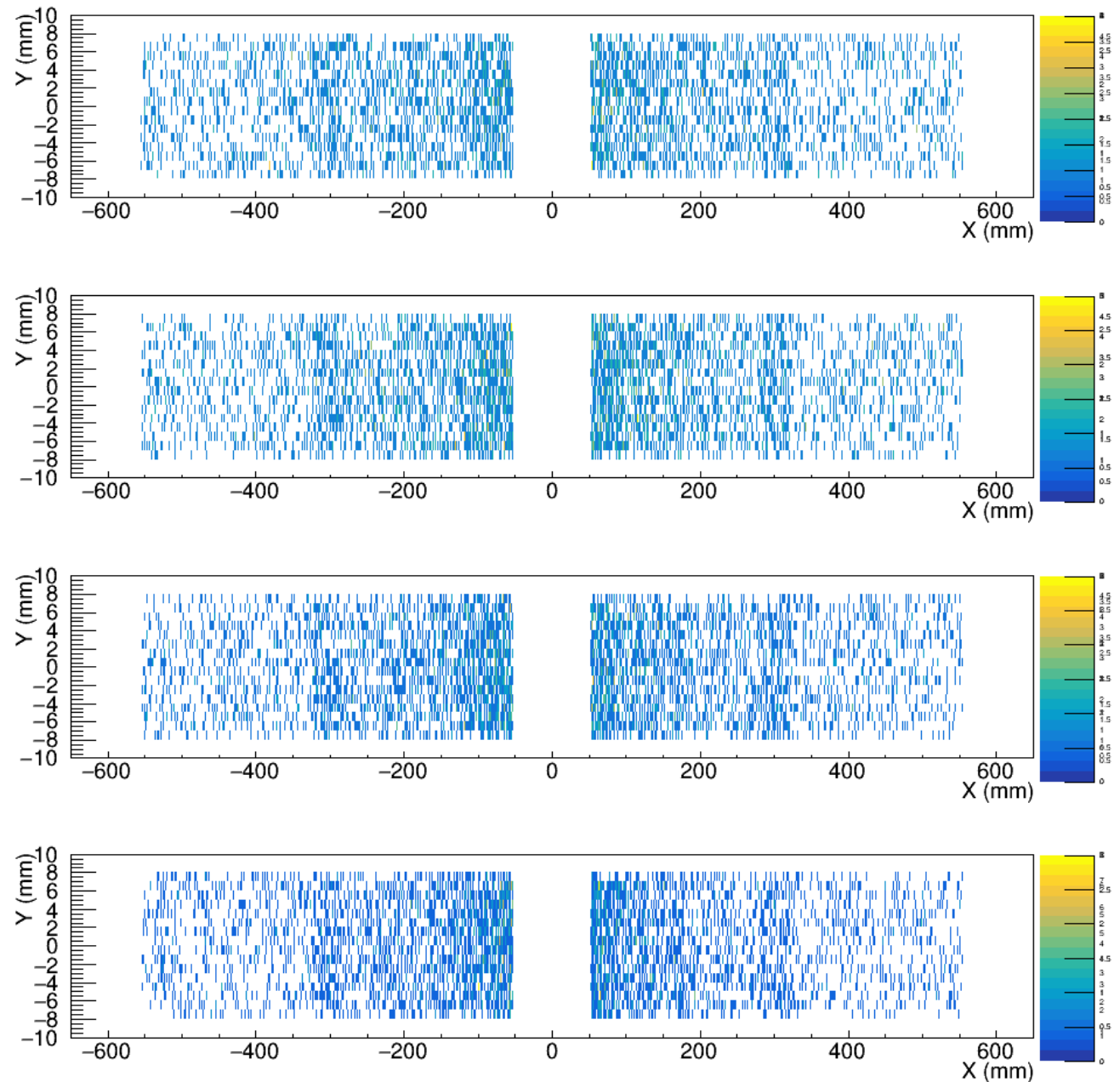
Oleksandr Borysov

LUXE Meeting
August 27, 2020

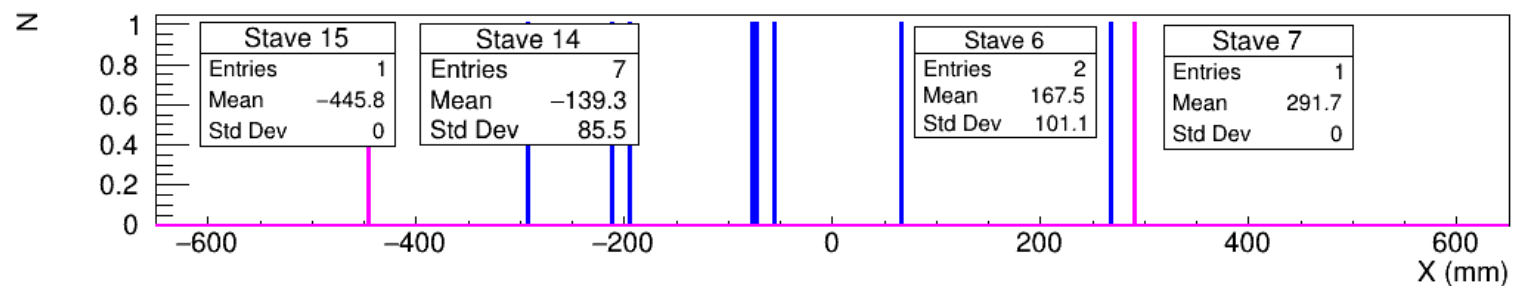
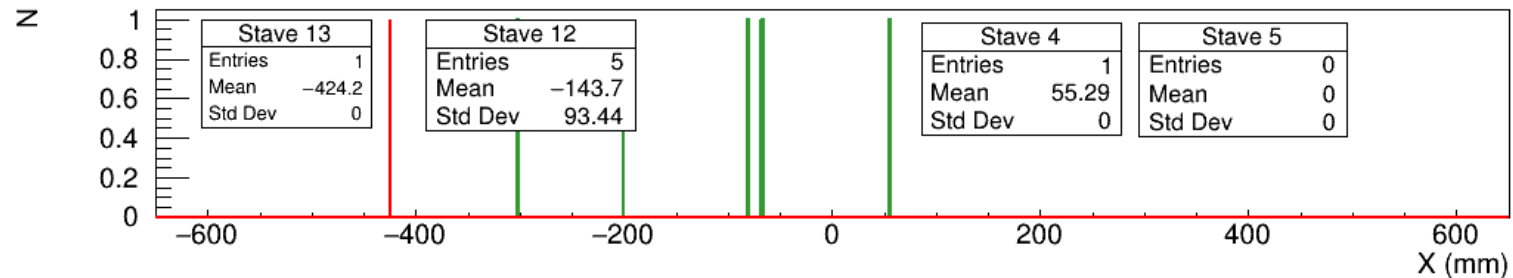
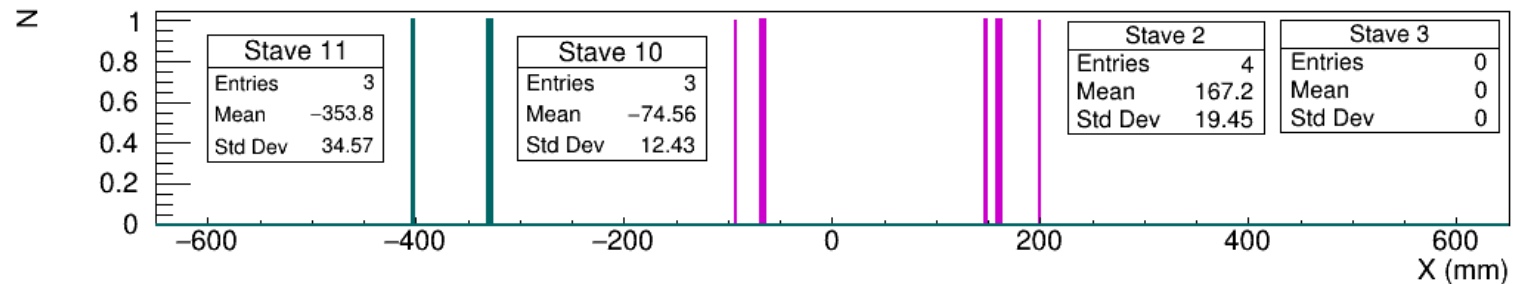
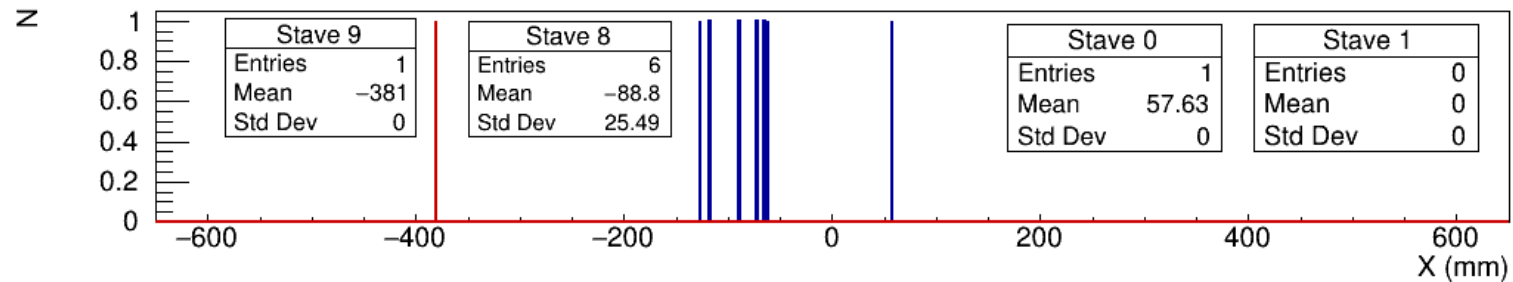
Electrons in tracking planes



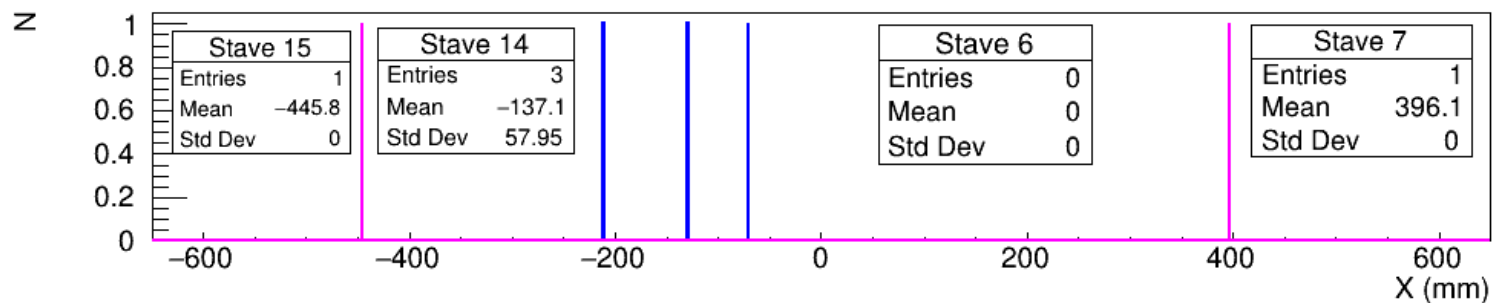
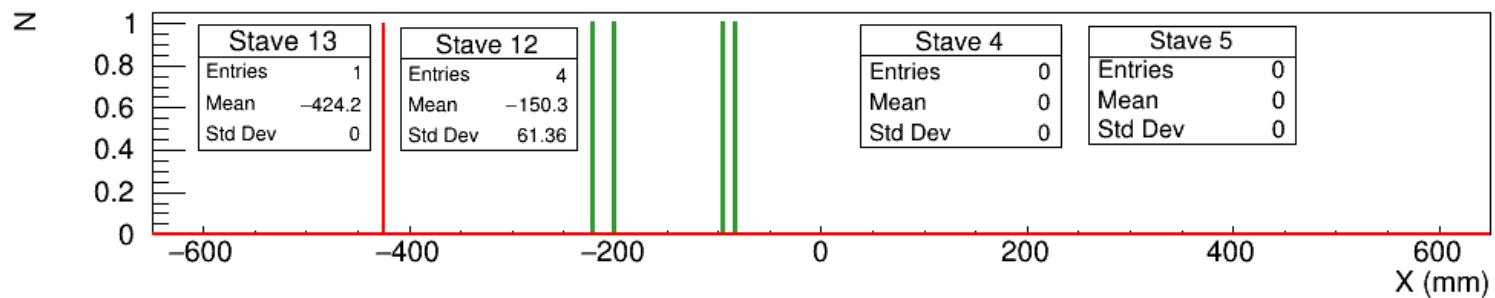
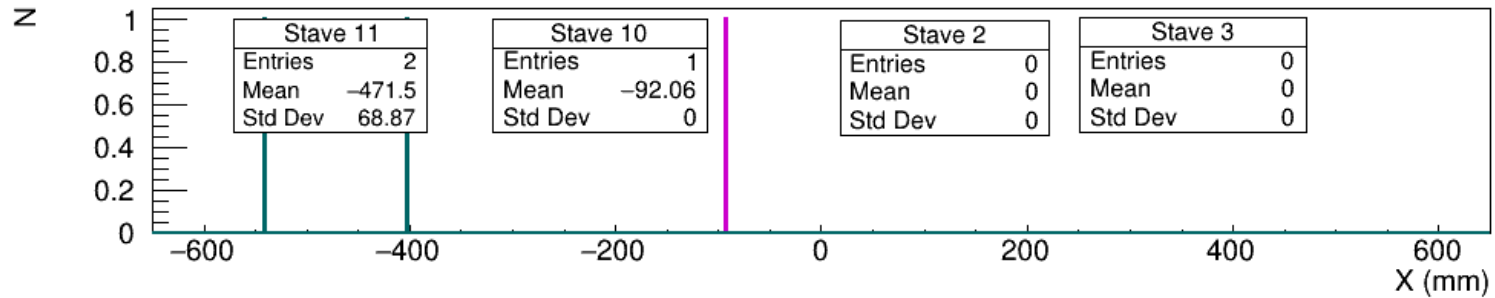
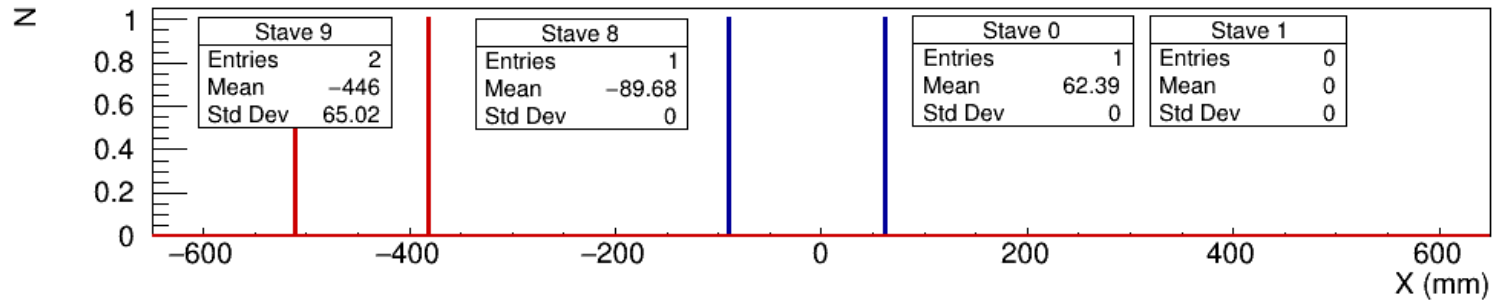
Tracking planes, all particles



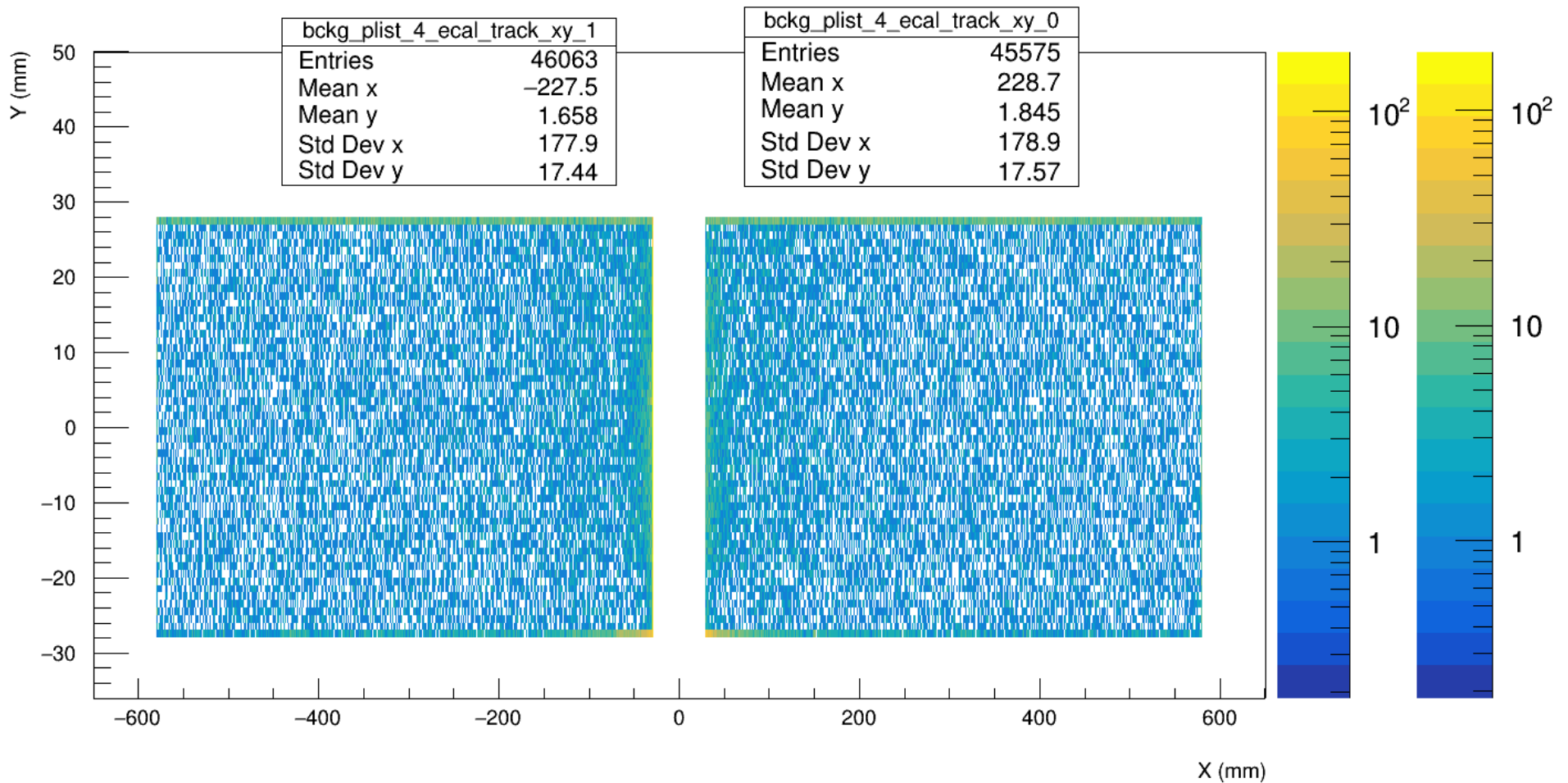
Electrons with momentum pointing to the magnet aperture



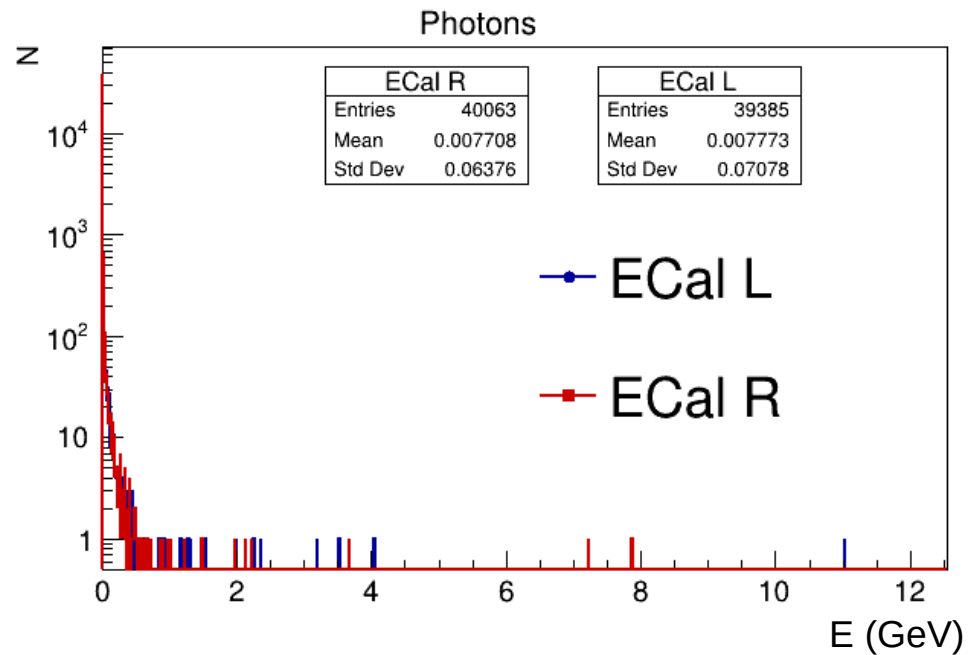
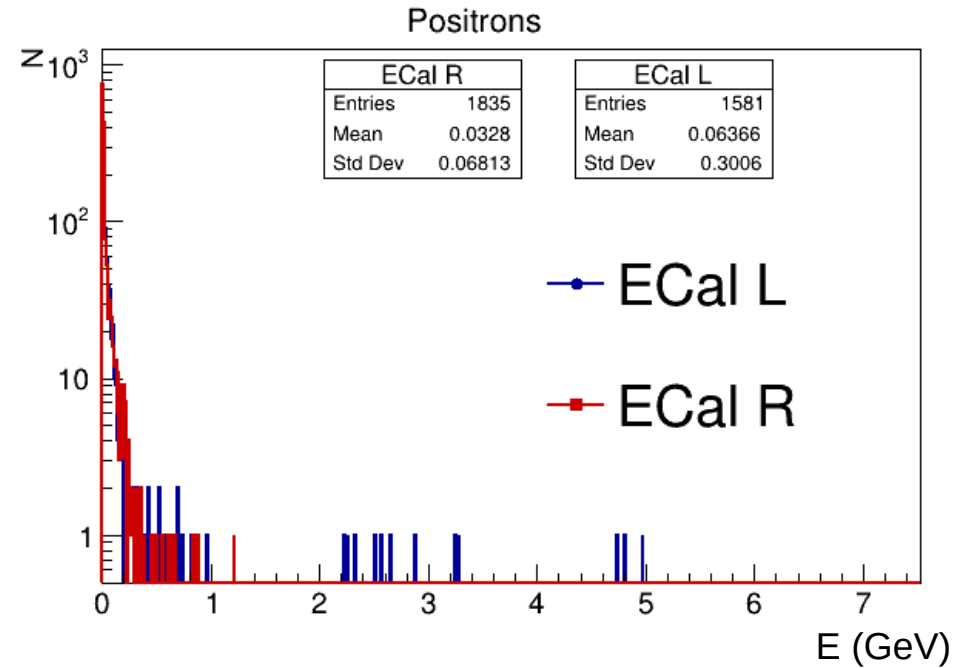
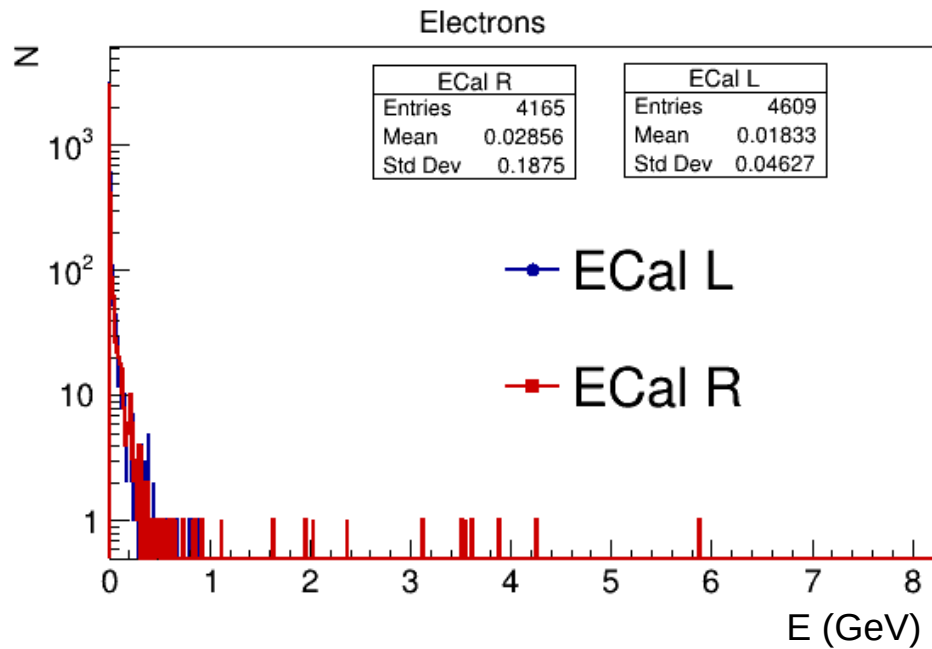
Electrons with the vertex position “inside” the magnet



Calorimeter, all particles

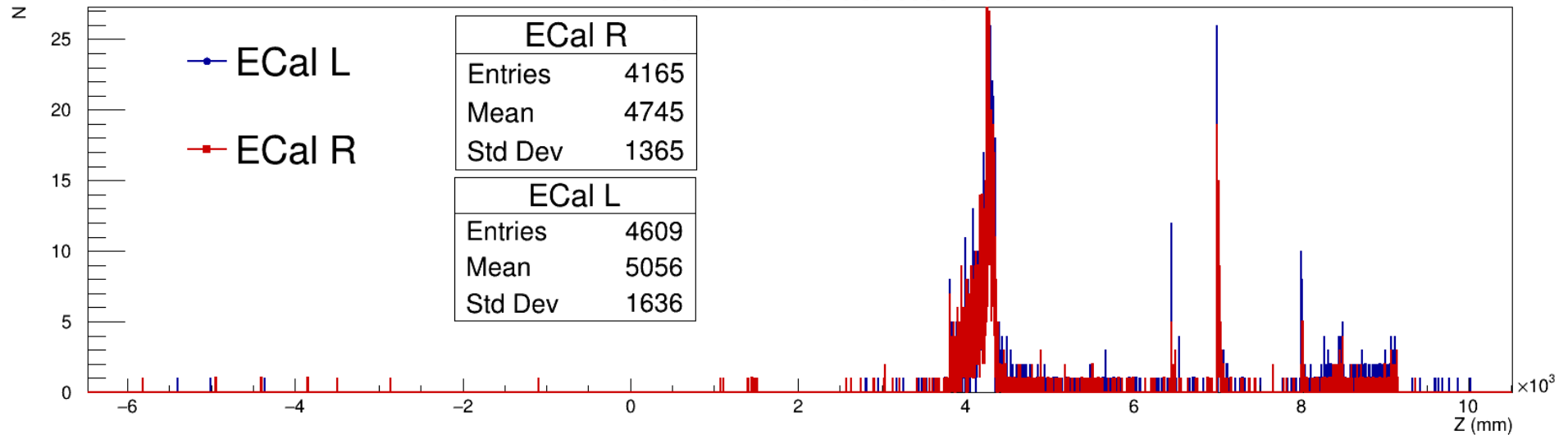


Spectra of particles crossing calorimeters volumes



Vertex distribution of electrons hitting calorimeter

Electron vertex Z distribution



Calorimeter
4.25 – 4.35 (m)

Electron vertex Z distribution

