Since we keep the same iseed for event generation, two simulations should have the same output in both PYTHIA and GEMC.
Since we keep same iseed for event generation, two simulations should have same output in PYTHIA. However, not necessary to be true in GEMC due to randomized fragmentation and decay because MSTP111 is ON.
Since we keep same iseed for event generation, two simulations should have same output in PYTHIA. However, not necessary to be true in GEMC due to randomized interaction with AIR (BG) and decay although MSTP111 is OFF.
Since we keep same iseed for event generation, two simulations should have same output in PYTHIA

GEMC shows different tracks due to randomized interaction with AIR (BG) and random fragmentation/decay (MSTP111=1)