

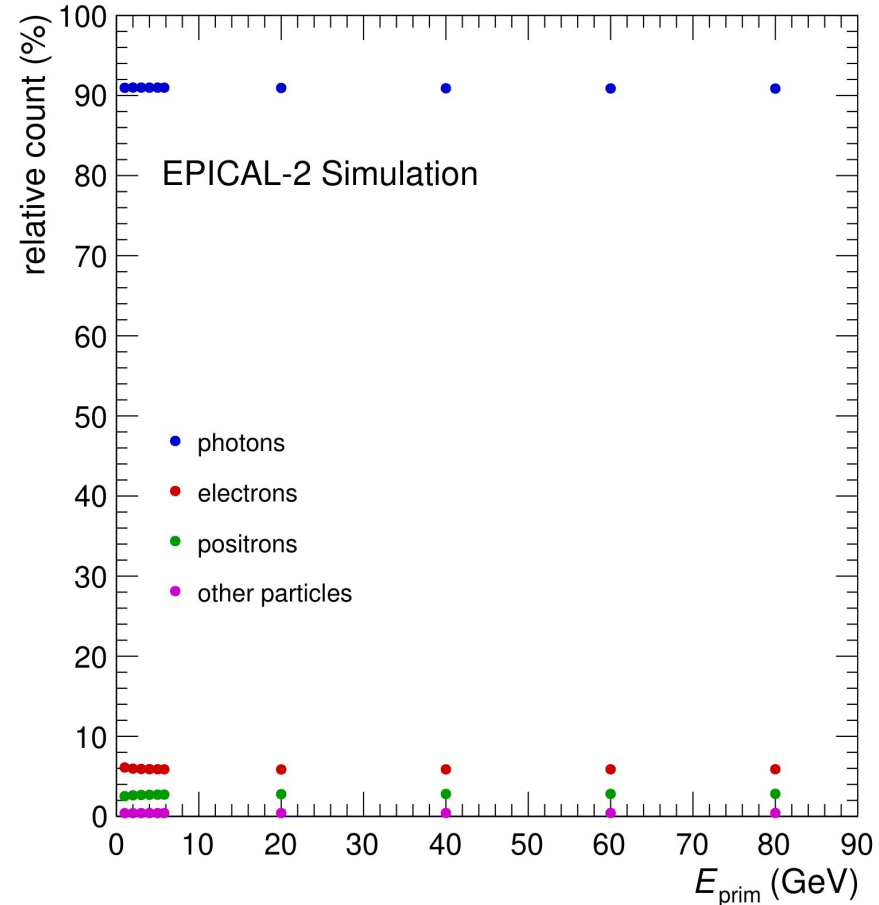
EPICAL-2 Meeting - 27.06.24

Shower Composition

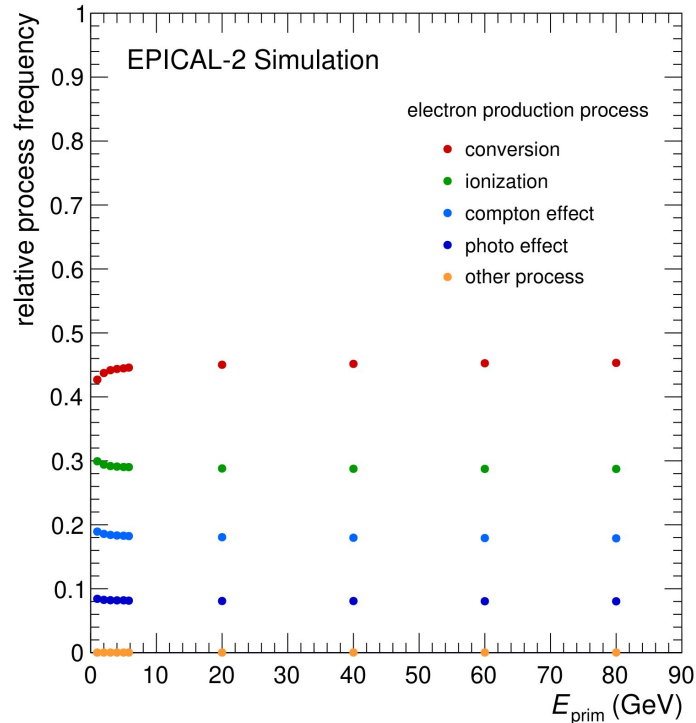
Jan Schöngarth

Particle Composition

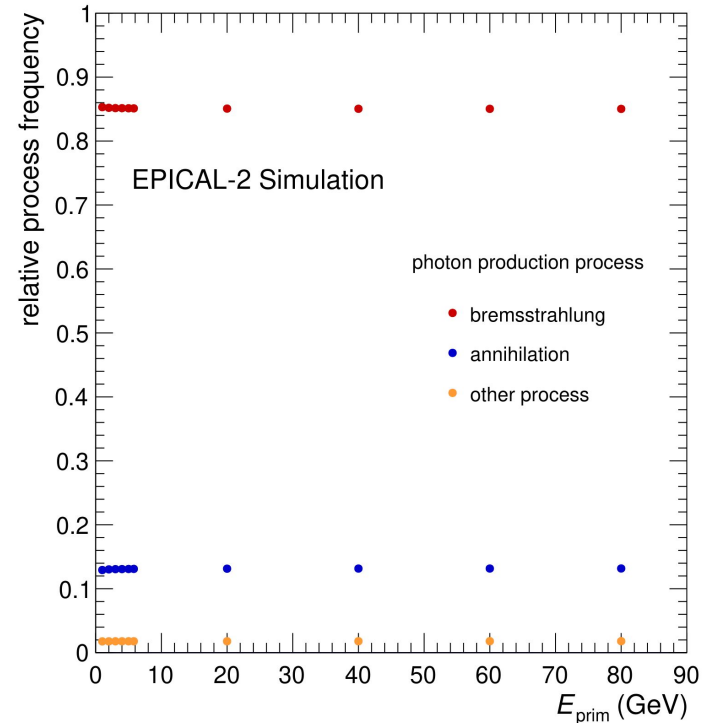
- no energy dependence
- over 90% photons
- $\approx 6\%$ electrons
- $\approx 2.7\%$ positrons
- less than 0.43% other particles



Production Processes

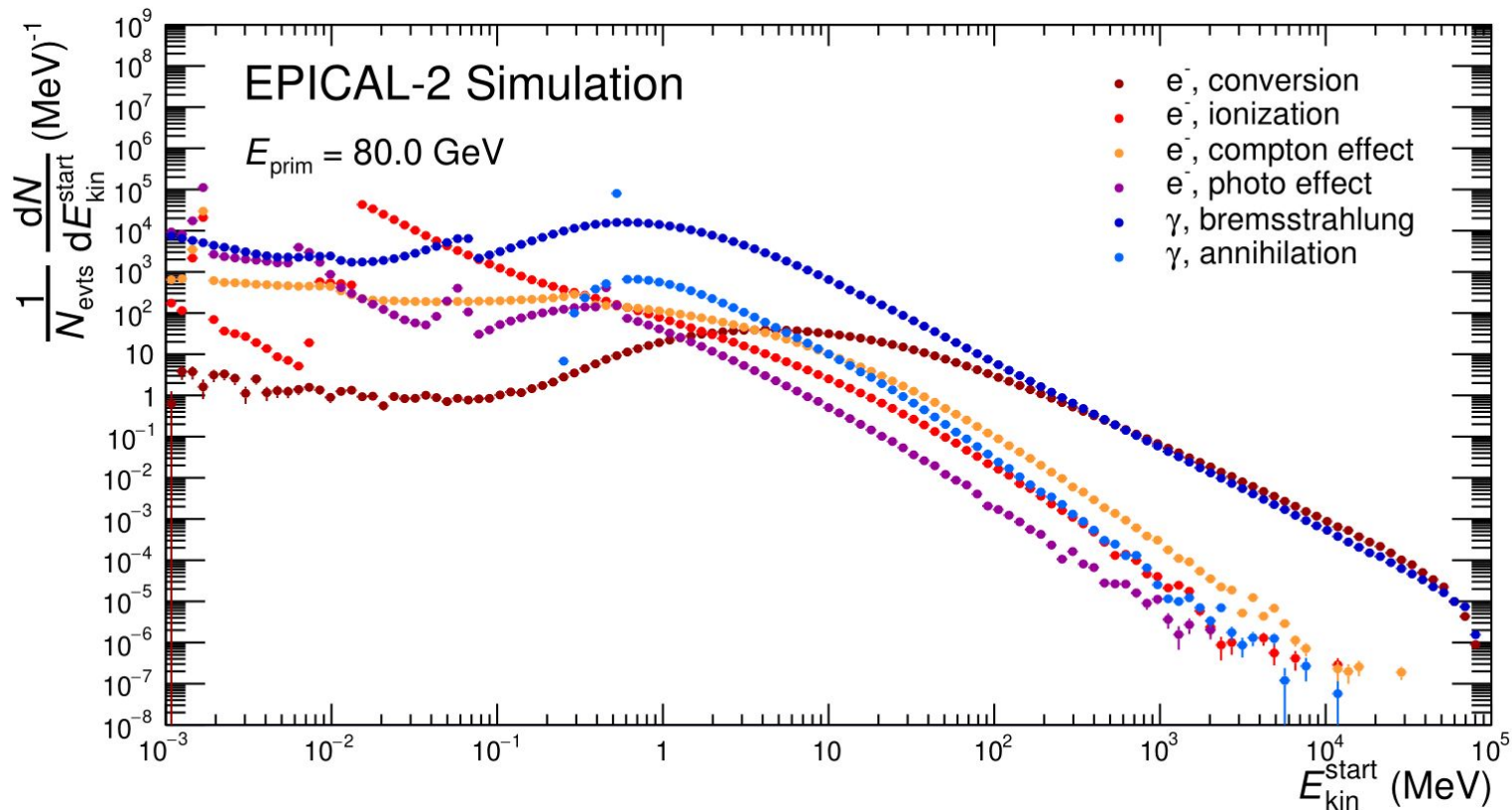


- over 40% of electrons from photon conversion
- less conversion at low energies
- no energy dependence at SPS energies



- over 80% of photons from bremsstrahlung
- no energy dependence

Start Energy



Start Energy

