Particle Energies Dist. ×10<sup>3</sup> energy\_histo Occurrencies 220 Entries 1.009961e+07 200  $1.045 \pm 0.0002768$ Mean  $0.8767 \pm 0.0001957$ Std Dev 180 Overflow 6.768e+04 160 140 120 100 80 60 40 20 4.5 5 Energy (GeV) 1.5 2.5 3 3.5 0.5