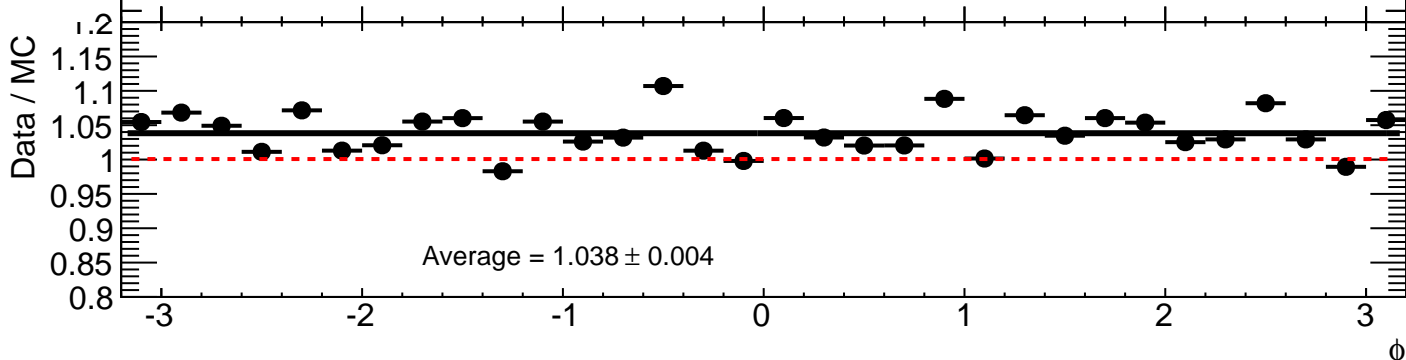
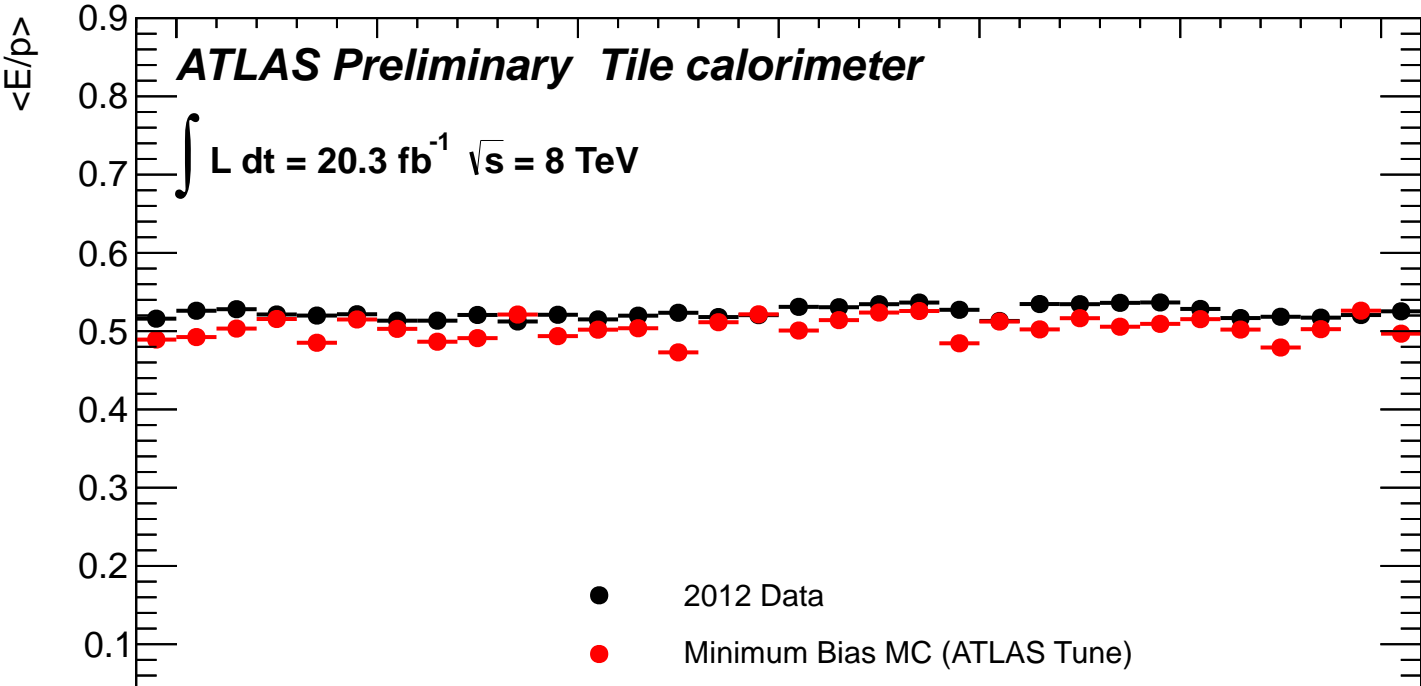


ATLAS Preliminary Tile calorimeter

$\int L dt = 20.3 \text{ fb}^{-1}$ $\sqrt{s} = 8 \text{ TeV}$



Average = 1.038 ± 0.004