\( \left\langle \frac{E_{\text{TileCal}}}{E_{\text{EM}}} \right\rangle \)

\( \sqrt{s} = 8 \text{ TeV} \)

ATLAS

Data 2012

PYTHIA8

| \( \eta_{\text{jet}} \) | < 0.8

D-layer

Data/MC

\( E_{\text{EM}} \) [GeV]

200 300 400 500 600 700 800 900 1000