

Systematic Uncertainties

ATLAS

$\sqrt{s} = 8 \text{ TeV}, 20.3 \text{ fb}^{-1}$

First Bin Only

Charged-particles

All-particles

Matrix Element

Shower Model

Color Model

ISR/FSR

Unfolding Procedure

Tracks

Clusters

Other

JES

JER

MPI

0

0.5

1

1.5

2

Percent Uncertainty

