

**ATLAS** Internal

Multiplicity=3

$\sqrt{s} = 8 \text{ TeV}, \int \mathcal{L} \, dt = 20 \text{ fb}^{-1}$

500

400

300

200

100

0

— MC

+ Data

Data/MC

2

1

0

0.005

0.01

0.015

Track  $J_1$  Pull Vector Magnitude

