

TID [Gy]

# ATLAS Preliminary

Muons, Run 2 (2015 - 2018)

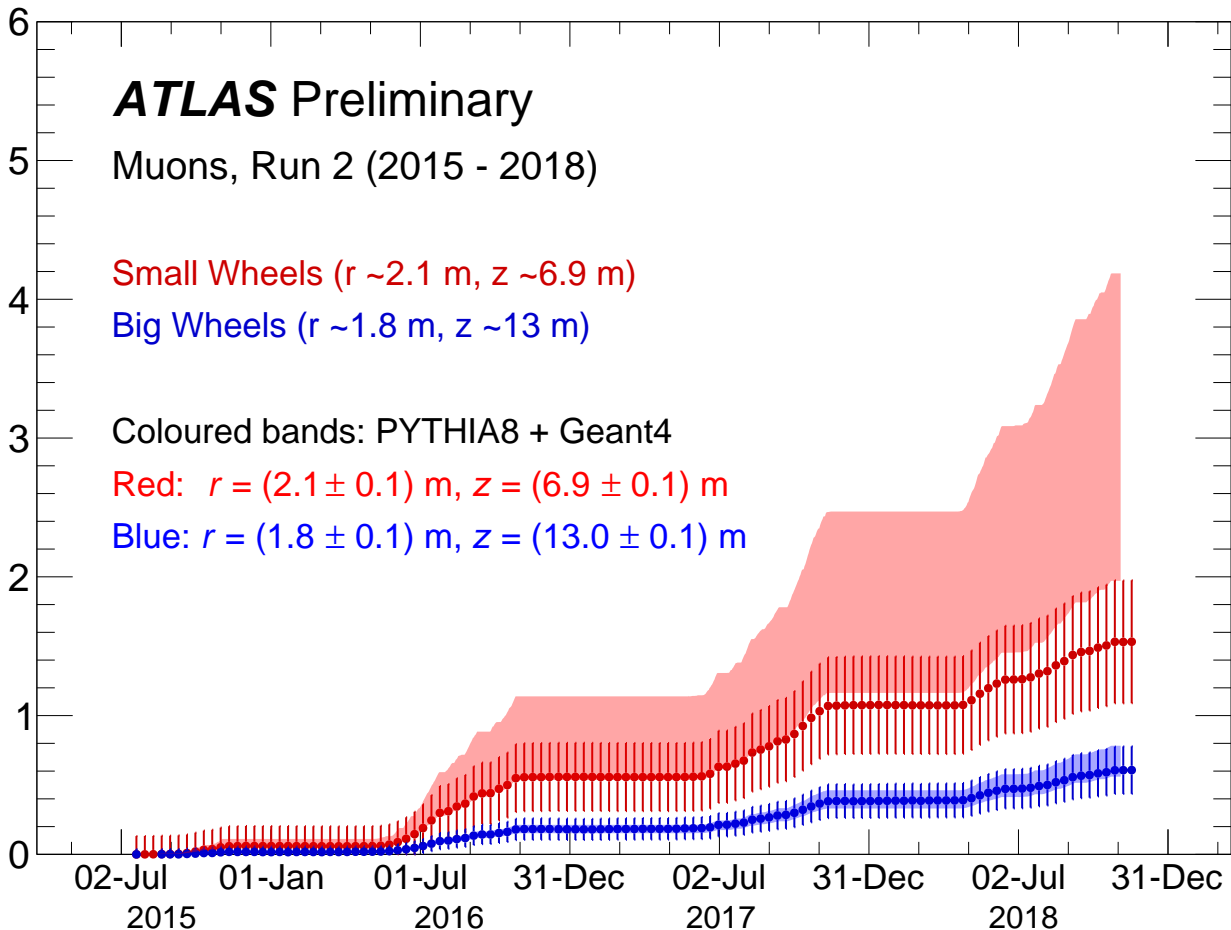
Small Wheels ( $r \sim 2.1$  m,  $z \sim 6.9$  m)

Big Wheels ( $r \sim 1.8$  m,  $z \sim 13$  m)

Coloured bands: PYTHIA8 + Geant4

Red:  $r = (2.1 \pm 0.1)$  m,  $z = (6.9 \pm 0.1)$  m

Blue:  $r = (1.8 \pm 0.1)$  m,  $z = (13.0 \pm 0.1)$  m



Date