

Fraction of events / 10 MeV

ATLAS Preliminary

Projection from run-1 data

$\int dt L = 3000 \text{ fb}^{-1}, \sqrt{s} = 14 \text{ TeV}$

W-channel

$\sigma_{\text{HL-LHC}} = 25.0 \text{ MeV}$

$\sigma_{\text{run-2}} = 36.3 \text{ MeV}$

— HL-LHC

--- run-2

