

Frequency

**ATLAS Internal**

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

Quark  $N_{\text{trk}}$  Scale Factor

70% Quark Efficiency

$p_{\text{T}}: 1200\text{-}1500\text{GeV}$

300  
250  
200  
150  
100  
50  
0

Scale Factor

1.015 1.02 1.025 1.03 1.035 1.04 1.045 1.05 1.055

