

Frequency

300
250
200
150
100
50
0

ATLAS Internal

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

Quark BDT score Scale Factor

50% Quark Efficiency

$p_T: 500\text{-}600\text{ GeV}$

1.036

1.037

1.038

1.039

1.04

Scale Factor

