

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

— □ — Gluon Scale Factor:  $0 < |\eta_c| < 2.1, 0 < |\eta_F| < 2.1$

— □ — Gluon Scale Factor:  $0 < |\eta_c| < 0.5, 0.5 < |\eta_F| < 2.1$

