

Multijet Rejection

ATLAS Simulation Preliminary

$\sqrt{s} = 13$ TeV

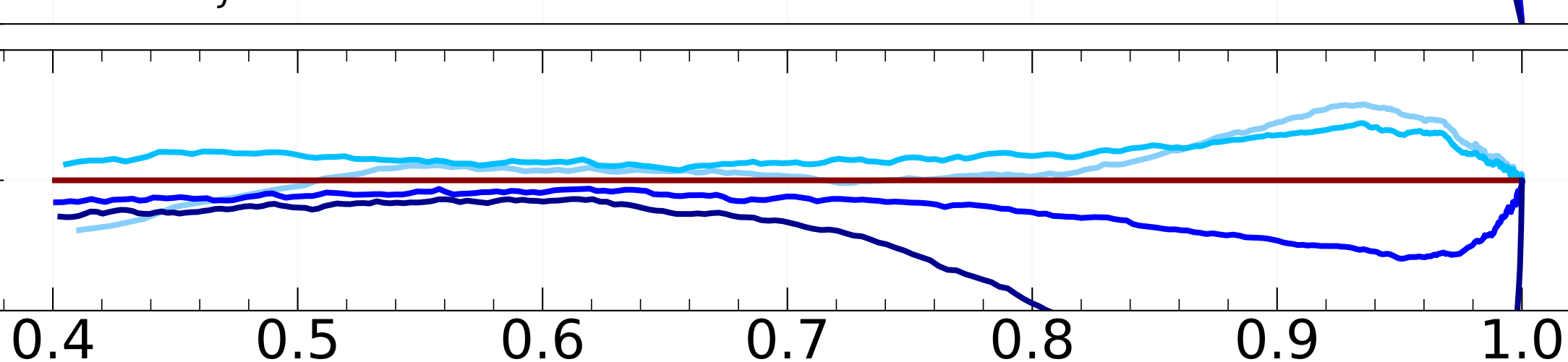
$p_{\text{T}}^{\text{J}} > 250$ GeV

$|\eta_{\text{J}}| < 2.0$

$76 < m_{\text{J}}/\text{GeV} < 146$

- $D_{\text{Xbb}}, f_{\text{top}} = 0$
- $D_{\text{Xbb}}, f_{\text{top}} = 0.1$
- $D_{\text{Xbb}}, f_{\text{top}} = 0.25$
- $D_{\text{Xbb}}, f_{\text{top}} = 0.5$
- $D_{\text{Xbb}}, f_{\text{top}} = 1$

Ratio to $\text{Xbb}^{f=0.25}$



Higgs Efficiency