Efficiency LQ $_{500 {\rm GeV}}$ sample: τ from prompt decay 4 entries passed events total events 3.5 3 2.5 2 1.5 1 0.5 0 -0.52 efficiency 0 -2 -4 300 350 400 450 50 100 150 200 250 500 $p_{\text{T,vis}}^{\tau, \text{ truth}}$