Efficiency  $LQ_{500GeV}$  sample:  $\tau$  from LQ decay 16 entries passed events total events 14 12 10 8 6 4 2 ^ 8.0 efficiency 0.6 0.4 0.2  $\phi_{\text{vis}}^{\tau, \text{ truth}}$ -3 -2 **-1** 0 2