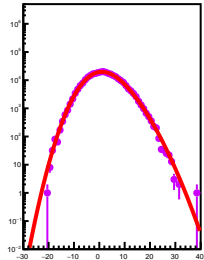
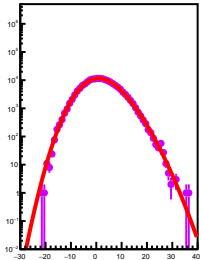
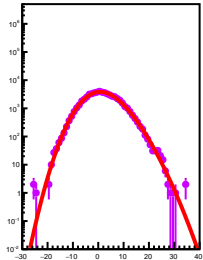
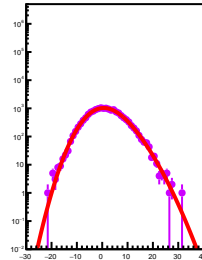
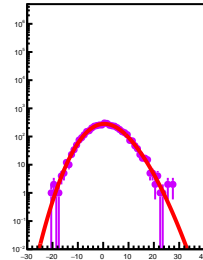


Gen $p_T \in [5.0, 7.0]$, Cent = 0Gen $p_T \in [7.0, 9.0]$, Cent = 0Gen $p_T \in [9.0, 11.0]$, Cent = 0Gen $p_T \in [11.0, 13.0]$, Cent = 0Gen $p_T \in [13.0, 15.0]$, Cent = 0Gen $p_T \in [15.0, 20.0]$, Cent = 0