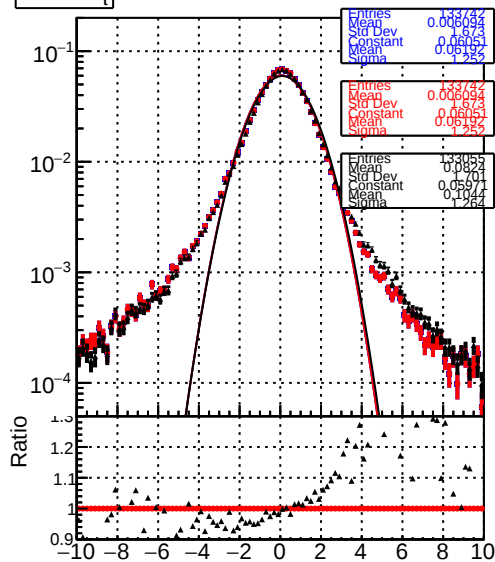
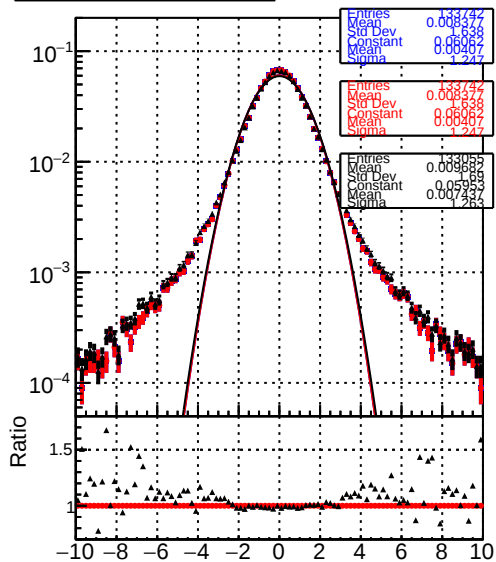
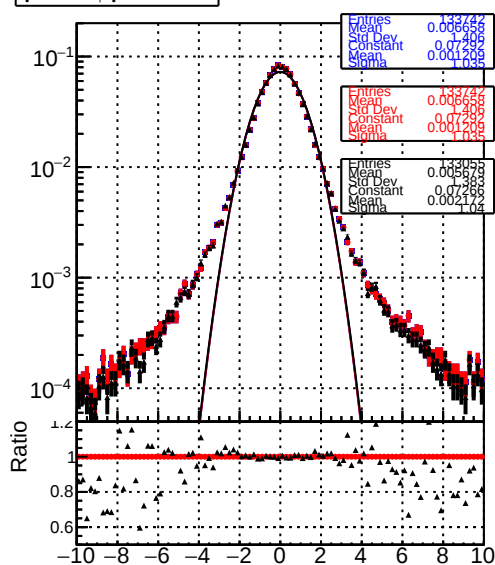
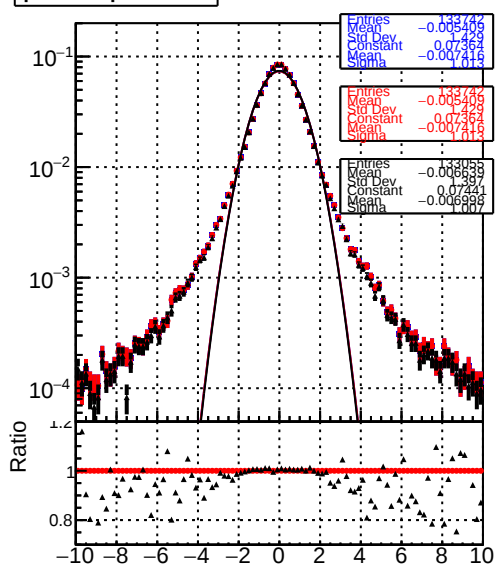


pull of p_t 

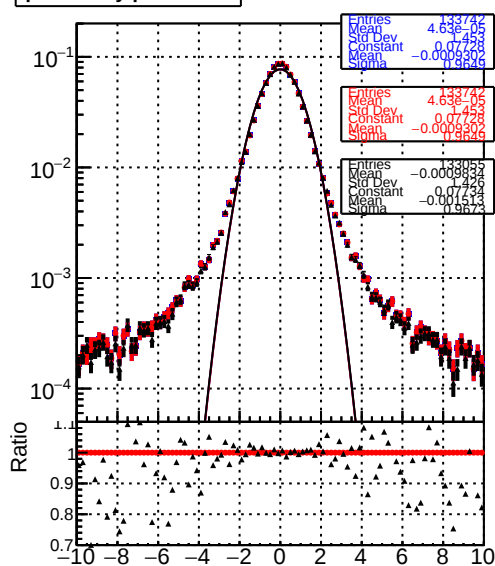
pull of qoverp parameter



Legend: $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (blue line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (red line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (black line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (grey line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (green line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (purple line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (brown line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (pink line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (olive line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (teal line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (cyan line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (magenta line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (yellow line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark blue line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark red line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark green line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark purple line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark brown line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark pink line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark olive line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark teal line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark cyan line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark magenta line), $\frac{1}{\sqrt{2}} \text{CMSSW 12.4.0}$ (dark yellow line).

pull of ϕ parameterpull of θ parameter

pull of dxy parameter



pull of dz parameter

