

$\chi^2/\text{dof} = 8.8/8$ (p-value: 0.36)

$\chi^2/\text{dof} = 9.7/8$ (p-value: 0.29)

Single μ Efficiency

CMS Preliminary
PbPb $\sqrt{s_{\text{NN}}} = 5.02$ TeV

Trigger Efficiency

$(p_{\text{T}}^{\mu} > 1.8, |\eta| \in [1.8, 2.1])$

MC PYTHIA+EvtGen: $0.7481^{+0.001}_{-0.001}$

Data: $0.8180^{+0.009}_{-0.009}$

$(0.76354 \cdot \text{TMath::Erf}((x-1.06381)/2.19873)) + 0.13397$

$(0.72685 \cdot \text{TMath::Erf}((x-0.11557)/2.98019)) + 0.17597$

$\chi^2/\text{dof} = 6.9/8$ (p-value: 0.55)

