

Single  $\mu$  Efficiency

**CMS Preliminary**

**PbPb  $\sqrt{s_{NN}} = 2.76$  TeV**

**$p_T^{J/\psi} \geq 6.5$  GeV/c and probe muon  $p_T > 4.0$  GeV/c**

Trigger Efficiency

● 2011 MC PYTHIA+EvtGen(PHOTOS) (HLT\_HIL1DoubleMu0\_HighQ)  $0.943^{+0.001}_{-0.001}$

■ 2011 Data (HLT\_HIL1DoubleMu0\_HighQ):  $0.972^{+0.003}_{-0.003}$

