

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

Trigger Efficiency

● 2011 MC PYTHIA+EvtGen(PHOTOS) (HLT\_HIL1DoubleMu0\_HighQ):  $0.960^{+0.001}_{-0.001}$

■ 2011 Data (HLT\_HIL1DoubleMu0\_HighQ):  $0.976^{+0.006}_{-0.007}$

$\eta^\mu$