

L1 trigger efficiency

 $p_T^{\text{sim}} > 33$  GeV1.05  
1  
0.95  
0.9  
0.85  
0.8  
0.75  
0.7  
0.65  
0.6

1.6

1.7

1.8

1.9

2.0

2.1

2.2

2.3

2.4

2.5

Simulated  $|\eta|$ —  $\triangle$  —

L1Mu w/ GE21 (inputs to L1Trk+L1Mu)

—  $\square$  —

L1Mu w/o GE21

—  $\blacksquare$  —CSC+GE11+GE21: hits in ME11,  $p_T^{L1} \geq 28$  GeV (Standalone L1Mu)—  $\bullet$  —CSC+GE11: hits in ME11,  $p_T^{L1} \geq 28$  GeV (Standalone L1Mu)