

Efficiency

**CMS***Preliminary*Loose Id,  $p_T \geq 20$  GeV

●

■

Efficiency of LooseCutid::above

1.1  
1.05  
1  
0.95

Ratio

1.1  
1.05  
1  
0.95  
0.9

-2 -1.5 -1 -0.5 0 0.5 1 1.5 2

muon  $\eta$ 