

# CMS Simulation at $\sqrt{s} = 7$ TeV

## $\ell^+ + \text{jets}$

$\chi^2/n_{\text{dof}} = 4.3 / 7$   
offset =  $0.987 \pm 0.011$   
slope =  $-0.000 \pm 0.002$

width of mass pull

1.35  
1.3  
1.25  
1.2  
1.15  
1.1  
1.05  
1  
0.95  
0.9



-15

-10

-5

0

5

10

15

generated top quark mass - 172.5 (GeV)