

# Primary Vertices

900  
800  
700  
600  
500  
400  
300  
200  
100  
0

HLT DA Primary Vertices Performance

- Legacy :  $\mu = 0.01 \pm 0.02$ ,  $\sigma = 1.18 \pm 0.02$
- Patatrack :  $\mu = 0.00 \pm 0.02$ ,  $\sigma = 1.18 \pm 0.01$
- Extended Patatrack :  $\mu = -0.01 \pm 0.01$ ,  $\sigma = 1.02 \pm 0.01$

 $(z^{\text{reco}} - z^{\text{sim}})/\delta z^{\text{reco}}$ 

-4

-2

0

2

4

