

resolution for x coordinate of vertex for  $\Xi^-(1820)$ 

counts

**PANDA**  
MC simulation

h_xi_vtxres_x	
Entries	480368
Mean	-0.0002956
RMS	0.1149

30000

25000

20000

15000

10000

5000

0

-1

-0.8

-0.6

-0.4

-0.2

0

0.2

0.4

0.6

0.8

1

*FWHM 0.0280* $X-X_{MC}$