

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

counts

**PANDA**  
MC simulation

h_xi_vtxres_z	
Entries	480368
Mean	0.001941
RMS	0.2253

10000

8000

6000

4000

2000

0

*FWHM 0.1000*

-1

-0.8

-0.6

-0.4

-0.2

0

0.2

0.4

0.6

0.8

1

 $z-z_{MC}$ 