







Events / ( 0.0101235 )

*s*PHENIX Internal

MC Pythia run 28 MB

Fit  $\chi^2/\text{NDF} = 0.92$

$\mu = 0.5628 \pm 0.0092$

$\sigma = 0.0700 \pm 0.0001$

Yield:  $192.99 \pm 38.87$

first order polynomial

$4 \text{ GeV} < p_{T,\gamma\gamma} < 5 \text{ GeV}$

$|v_z| < 30 \text{ cm}$

$|\eta| < 1.1$

$p_{T,\gamma} > 0.5 \text{ GeV}$

$\text{prob}_\gamma > 0.05$

$\alpha < 0.6$

40

30

20

10

0

10

0

-10

Pull

0.35

0.4

0.45

0.5

0.55

0.6

0.65

0.7

0.75

$m_{\gamma\gamma} \text{ (GeV/c}^2\text{)}$



