

Reconstructed Diphoton

Counts

140
120
100
80
60
40
20
0

Cuts (Inclusive):

$\Delta R \geq 0.08$

Asymmetry < 0.5

$\chi^2 < 4$

$21395.5 \leq \text{MBD Charge} < 53640.9$

$4.0 \leq \text{Diphoton } p_T < 5.0 \text{ GeV}$

Cluster E $\geq 1.25 \text{ GeV}$

Mean of Gaussian: 0.1888 GeV

Std. Dev. of Gaussian: 0.0238 GeV

S/B Ratio: 2.3084

hPi0Mass_5

Entries 6819

Mean 0.5733

Std Dev 0.2579

Invariant Mass [GeV]

