











JP2 $M_{\gamma\gamma}$ distribution for $E_{\gamma\gamma} \in [70,80)$ GeV JP2_mass_dist_for_enbin7 **Entries** 8196 0.2864 Mean 100 0.1969 **RMS** 80 60 40 20 0.6 8.0 0.5

JP2 $M_{\gamma\gamma}$ distribution for $E_{\gamma\gamma} \in [80,90)$ GeV JP2_mass_dist_for_enbin8 **Entries** 4100 50 Mean 0.2926 **RMS** 0.1863 40 30 20 10 0.4 0.6 0.7 0.5 8.0

JP2 $M_{\gamma\gamma}$ distribution for $E_{\gamma\gamma} \in [90,100)$ GeV JP2_mass_dist_for_enbin9 30 **Entries** 2215 0.3086 Mean 0.1851 **RMS** 25 20 15 10 5 0.4 8.0 0.3 0.6 0.7 0.5