

$m_{\Gamma\Gamma} = 349.30 \text{ GeV}$

$\Gamma_2$   
 $\eta = 0.66$   
 $\phi = 0.12$   
 $p_T = 163.84 \text{ GeV}$   
 $\alpha_{reco} = 0.0061$   
 $m_\Gamma = 2.13 \text{ GeV}$

$\Gamma_1$   
 $\eta = 0.32$   
 $\phi = -3.11$   
 $p_T = 181.18 \text{ GeV}$   
 $\alpha_{reco} = 0.0098$   
 $m_\Gamma = 3.42 \text{ GeV}$

