Samples from density model / MG5 events (physical space)  $\Delta y(j,j)$ 0.3 - 0.2  $N_{\mathsf{gapjet}}$ 0.1  $N_{\text{jet}}$ - 0.0 *m<sub>jj</sub>* [TeV] -0.1 100 - -0.2  $m_{\prime\prime}$  [GeV] 90 <del>-</del>0.3  $p_T^{j1}$ [GeV] 300 900  $p_T^{j2}$  [GeV] 300 750 450  $p_T^{\prime\prime}$  [GeV] 150 1.9 |y''|1.1 0.3

80

1 2.5 4

*m<sub>jj</sub>* [TeV]

2 3

 $N_{\sf gapjet}$ 

 $N_{\text{jet}}$ 

 $\Delta \phi(j,j)$ 

 $\Delta y(j,j)$ 

90 100

*m*∥ [GeV] 300 600900

 $p_T^{j1}$  [GeV]

300 600900

 $p_T^{j2}$ [GeV] 1 2.54

|*y<sup>jj</sup>*|

150 45**0**50

 $p_T^{\parallel}$  [GeV]