

Cross section variables	dof	χ^2		
		'POW+PYT'	'POW+HER'	'MG5+PYT'
$[y(\mathbf{t}), p_{\text{T}}(\mathbf{t})]$	15	57	18	35
$[M(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t})]$	15	26	18	36
$[M(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	15	28	17	23
$[M(\mathbf{t}\bar{\mathbf{t}}), \Delta\eta(\mathbf{t}, \bar{\mathbf{t}})]$	11	66	68	124
$[M(\mathbf{t}\bar{\mathbf{t}}), \Delta\phi(\mathbf{t}, \bar{\mathbf{t}})]$	15	14	18	10
$[M(\mathbf{t}\bar{\mathbf{t}}), p_{\text{T}}(\mathbf{t}\bar{\mathbf{t}})]$	15	21	22	29
$[M(\mathbf{t}\bar{\mathbf{t}}), p_{\text{T}}(\mathbf{t})]$	15	77	34	68
$[N_{\text{jet}}^{0,1+}, M(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	23	34	31	34
$[N_{\text{jet}}^{0,1,2+}, M(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	35	50	66	63