

Cross section variables	dof	χ^2		
		POW+PYT (w. unc.)	FxFx+PYT	POW+HER
$[y(\mathbf{t}) , p_T(\mathbf{t})]$	16	44 (28)	68	27
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t})]$	9	103 (37)	151	46
$[p_T(\mathbf{t}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	44 (21)	68	64
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	16	86 (41)	77	81
$[y(\mathbf{t}\bar{\mathbf{t}}) , p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	32 (19)	41	66
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	69 (37)	57	112
$[p_T(\mathbf{t}\bar{\mathbf{t}}), m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	48	133 (69)	130	170
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t})]$	16	64 (27)	75	37
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\eta(\mathbf{t}, \bar{\mathbf{t}})]$	12	174 (32)	220	114
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\phi(\mathbf{t}, \bar{\mathbf{t}})]$	12	80 (44)	41	98