

Cross section variables	dof	χ^2		
		POW+PYT (w. unc.)	FxFx+PYT	POW+HER
$[y(\mathbf{t}) , p_T(\mathbf{t})]$	15	35 (25)	61	28
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t})]$	8	86 (36)	142	47
$[p_T(\mathbf{t}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	35 (19)	62	67
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	15	77 (40)	72	81
$[y(\mathbf{t}\bar{\mathbf{t}}) , p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	27 (18)	38	67
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	61 (36)	54	116
$[p_T(\mathbf{t}\bar{\mathbf{t}}), m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	47	114 (68)	119	174
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t})]$	15	57 (26)	71	38
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\eta(\mathbf{t}, \bar{\mathbf{t}})]$	11	155 (30)	209	119
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\phi(\mathbf{t}, \bar{\mathbf{t}})]$	11	71 (42)	39	101