

Distribution	dof	MADGRAPH+PYTHIA6	POWHEG+PYTHIA6	POWHEG+HERWIG6	MC@NLO +HERWIG6
$y(\mathbf{t}) p_{\text{T}}(\mathbf{t})$	15	96	58	14	46
$M(\mathbf{t}\bar{\mathbf{t}}) y(\mathbf{t})$	15	53	20	13	21
$M(\mathbf{t}\bar{\mathbf{t}}) y(\mathbf{t}\bar{\mathbf{t}})$	15	19	21	15	22
$M(\mathbf{t}\bar{\mathbf{t}}) \Delta\eta(t, \bar{t})$	11	163	33	20	39
$M(\mathbf{t}\bar{\mathbf{t}}) p_{\text{T}}(\mathbf{t}\bar{\mathbf{t}})$	15	31	83	30	33
$M(\mathbf{t}\bar{\mathbf{t}}) \Delta\phi(t, \bar{t})$	11	21	21	10	17