

	POWHEG+PYTHIA		POWHEG+HERWIG++		MG5_aMC@NLO+PYTHIA[FxFx]	
	$\chi^2/\text{dof}$	$p$ -value	$\chi^2/\text{dof}$	$p$ -value	$\chi^2/\text{dof}$	$p$ -value
$p_T^t$	47/5	$< 10^{-3}$	3/5	0.710	19/5	0.002
$p_T^{\bar{t}}$	41/5	$< 10^{-3}$	3/5	0.630	18/5	0.003
$p_T^t$ (leading)	49/5	$< 10^{-3}$	3/5	0.635	24/5	$< 10^{-3}$
$p_T^t$ (trailing)	39/5	$< 10^{-3}$	6/5	0.274	14/5	0.015
$p_T^t$ (tt RF)	36/5	$< 10^{-3}$	7/5	0.187	15/5	0.009
$y_t$	6/9	0.701	9/9	0.443	7/9	0.639
$y_{\bar{t}}$	3/9	0.961	3/9	0.952	3/9	0.945
$y_t$ (leading)	3/7	0.858	4/7	0.799	5/7	0.659
$y_t$ (trailing)	4/7	0.826	5/7	0.655	3/7	0.913
$p_T^{t\bar{t}}$	28/5	$< 10^{-3}$	104/5	$< 10^{-3}$	15/5	0.010
$y_{t\bar{t}}$	3/9	0.965	5/9	0.821	4/9	0.910
$m_{t\bar{t}}$	12/6	0.058	29/6	$< 10^{-3}$	5/6	0.606
$\Delta y (t, \bar{t})$	1/7	0.987	7/7	0.411	4/7	0.825
$\Delta\phi(t, \bar{t})$	0/3	0.977	0/3	0.941	1/3	0.722
$p_T^\ell$	87/4	$< 10^{-3}$	2/4	0.699	30/4	$< 10^{-3}$
$p_T^{\bar{\ell}}$	36/4	$< 10^{-3}$	1/4	0.915	10/4	0.047
$p_T^\ell$ (leading)	112/4	$< 10^{-3}$	2/4	0.794	36/4	$< 10^{-3}$
$p_T^\ell$ (trailing)	32/4	$< 10^{-3}$	4/4	0.396	10/4	0.034
$\eta_\ell$	18/15	0.238	23/15	0.094	22/15	0.119
$\eta_{\bar{\ell}}$	29/15	0.015	31/15	0.008	37/15	0.001
$\eta_\ell$ (leading)	13/15	0.582	13/15	0.565	21/15	0.142
$\eta_\ell$ (trailing)	22/15	0.098	32/15	0.007	27/15	0.028
$p_T^{\ell\bar{\ell}}$	14/6	0.027	14/6	0.034	7/6	0.302
$m_{\ell\bar{\ell}}$	34/7	$< 10^{-3}$	3/7	0.887	5/7	0.648
$\Delta\phi(\ell, \bar{\ell})$	31/9	$< 10^{-3}$	16/9	0.063	12/9	0.233
$\Delta\eta(\ell, \bar{\ell})$	5/9	0.815	4/9	0.887	6/9	0.690
$N_{\text{jets}}$	13/5	0.025	38/5	$< 10^{-3}$	36/5	$< 10^{-3}$
$p_T^b$ (leading)	31/4	$< 10^{-3}$	14/4	0.006	14/4	0.006
$p_T^b$ (trailing)	27/4	$< 10^{-3}$	18/4	0.001	11/4	0.029
$\eta_b$ (leading)	10/7	0.186	13/7	0.082	8/7	0.295
$\eta_b$ (trailing)	12/7	0.114	14/7	0.047	9/7	0.227
$p_T^{b\bar{b}}$	14/4	0.007	6/4	0.229	9/4	0.071
$m_{b\bar{b}}$	3/3	0.393	17/3	$< 10^{-3}$	1/3	0.753