

Source	Rate/shape	Correlation	Impact ($m_T = 1.8$ TeV) [%]
X_{bb} tagging	shape	correlated + uncorrelated	20 – 90
Top tagging	shape	correlated + uncorrelated	10 – 40
Simulated samples size	shape	uncorrelated	40 – 60
μ_R, μ_F	shape	correlated	10 – 20
Parton distribution functions	shape	correlated	5 – 8
Top p_T reweighting	shape	correlated	< 1
Pileup	shape	correlated	5 – 15
ECAL L1 trigger inefficiency	shape	correlated	4 – 5
Jet energy scale	shape	uncorrelated	3 – 5
Jet energy resolution	shape	uncorrelated	3 – 5
Jet pileup identification	shape	correlated	< 1
Trigger	shape	uncorrelated	2 – 5
Lepton reconstruction and ID	shape	correlated + uncorrelated	2 – 5
Luminosity	rate	correlated	1 – 2