

Systematic uncertainty		Type	Range	Correlated across q^2	Correlated across modes
$p_T(X_b)$		lnN	(0.1–1.7)%	✓	✓
$\varepsilon(\text{muon ID})$		lnN	(0.003–0.03)%	✓	✓
$\varepsilon(\text{trigger})$		lnN	(0.15–0.65)%	✓	✓
$\varepsilon(\text{BDT})$		lnN	(0.01–0.1)%	✓	✓
$\varepsilon_{reco}(K_S^0/\Lambda)$		lnN	(0.05–1.4)%	✓	✓
Limited simulated sample size		lnN	(0.05–0.6)%	✓	✓
Simulation year-dependence		lnN	(0.3–0.55)%	✓	✓
Pileup		lnN	(0.005–0.035)%	✓	✓
Luminosity		lnN	(0.003–0.005)%	✓	✓
K^{*0} mass hypothesis		lnN	(1–1.6)%	✓	✓
$\mathcal{B}(X_b \rightarrow J/\psi Y_s)$		lnN	(1.86–22.5)%	✓	
X_b peak mean	shape uncertainty			✓	
X_b peak width	shape uncertainty			✓	
Combinatorial Bkg					
Parametrization		added in quadrature		✓	✓