

pp 2.76 Systematics	2s	S.E.	Systematics	3S	S.E	Systematics
nominal (pol2) with fixed n_power	0.3598	0.0218		1.74E-01	1.60E-02	
bkg shape variation						
pol3	0.3405	0.0231	-5.39%	0.1567	0.0175	-10.02%
erf*exp	0.3384	0.0236	-5.96%	0.1537	0.0177	-11.73%
signal shape variation						
fixed resolution to MC (62.3 MeV), n and alpha free	0.3382	0.0230	-6.02%	0.1505	0.0173	-13.58%
fixed alpha to MC (1.78), n and sigma1 free	0.3599	0.0232	0.03%	0.1719	0.01719	-1.30%
fixed npow to MC (1.57) alpha, sigma free						
fix botn CB and resolution to MC	0.3553	0.0229	-1.26%	0.1672	0.0171	-4.00%
fitting range variation						
M[8.5,11.5]	0.3442	0.0231	-4.34%	0.1564	0.0175	-10.18%
Method 1: RMS of all the variations						
Total Relative Error (%)		2.32%	4.50%		7.20%	9.52%
Total Absolute Error		0.0083	0.0162		0.0125	0.0166
Method II: quad. Largest variation in each color						
Total Relative Error (%)			9.52%			20.63%
Total Absolute Error			0.0343			0.0359
Method II: max variation of all						
Total Relative Error (%)			6.02%			0.13579467
Total Absolute Error			0.0217			0.0237