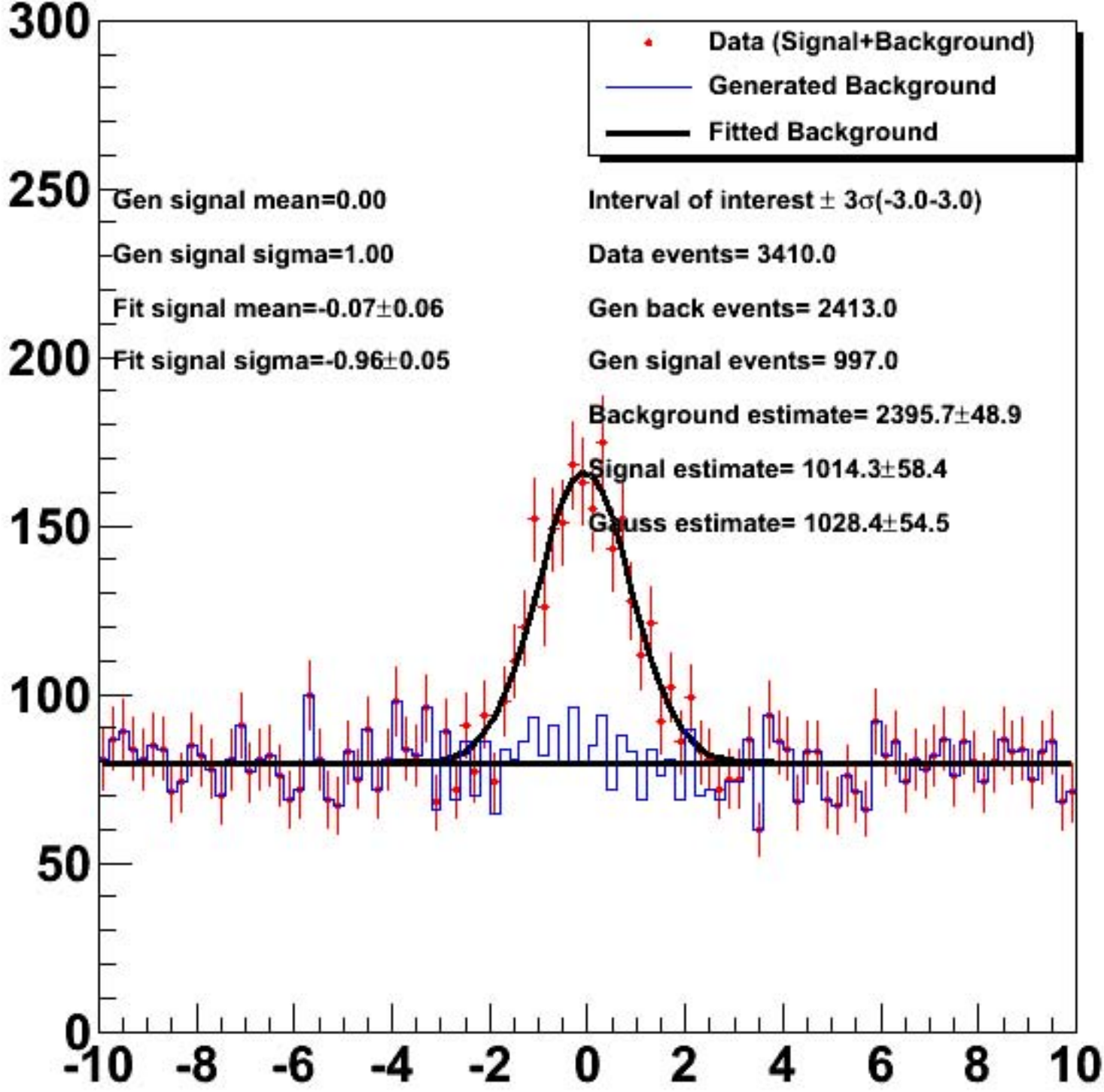


Err Fit Option='W'

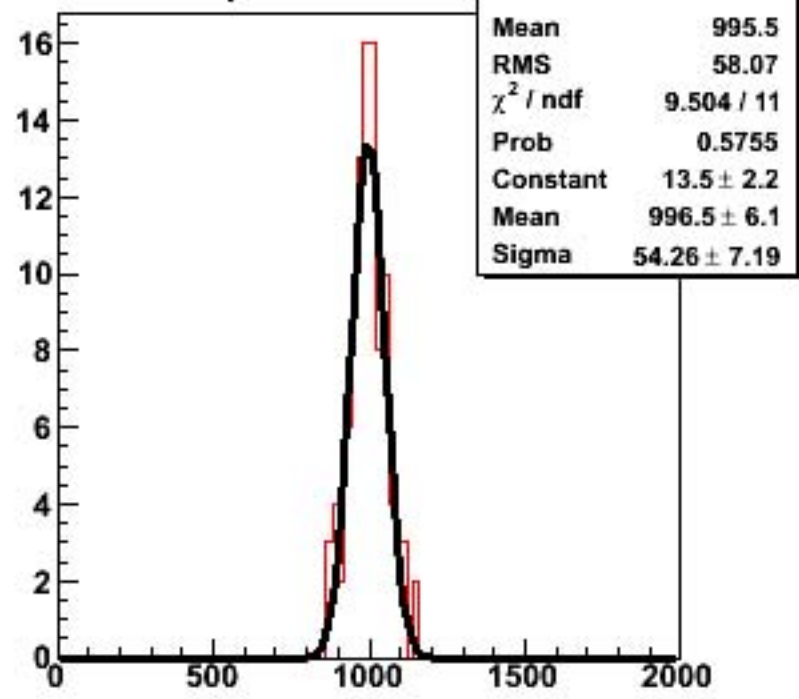
events



variable x

events

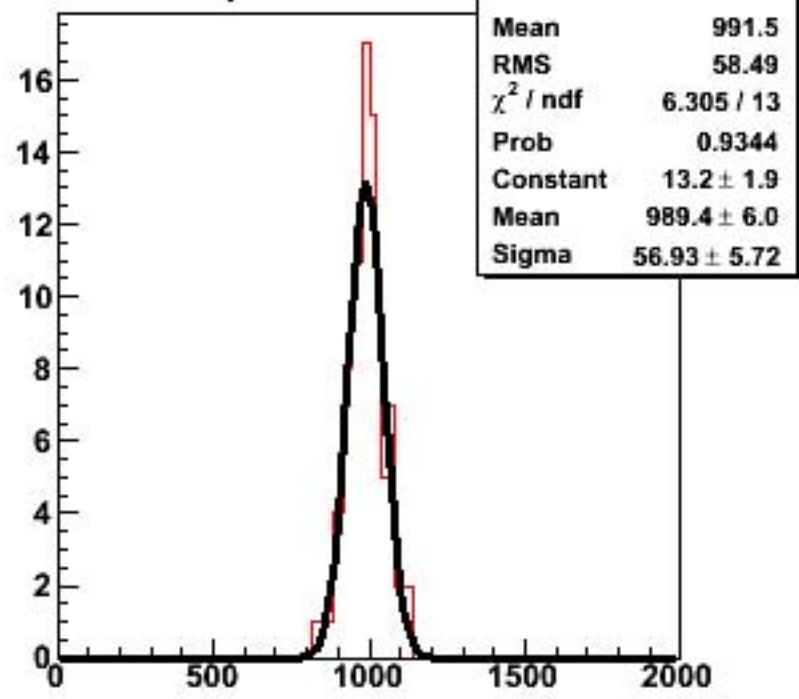
Err Fit Option='W'



Data - Fitted Back

events

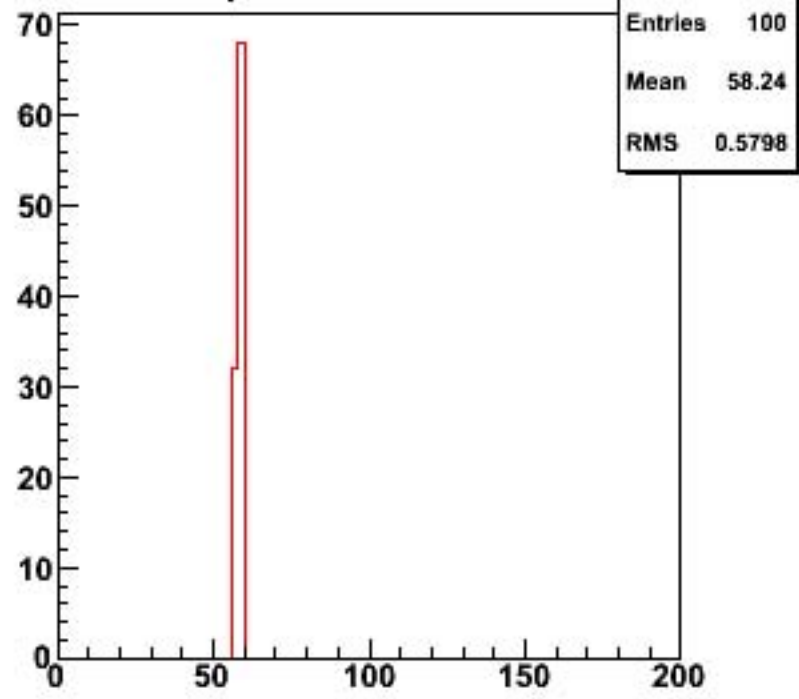
Err Fit Option='W'



Fitted Gaussian

events

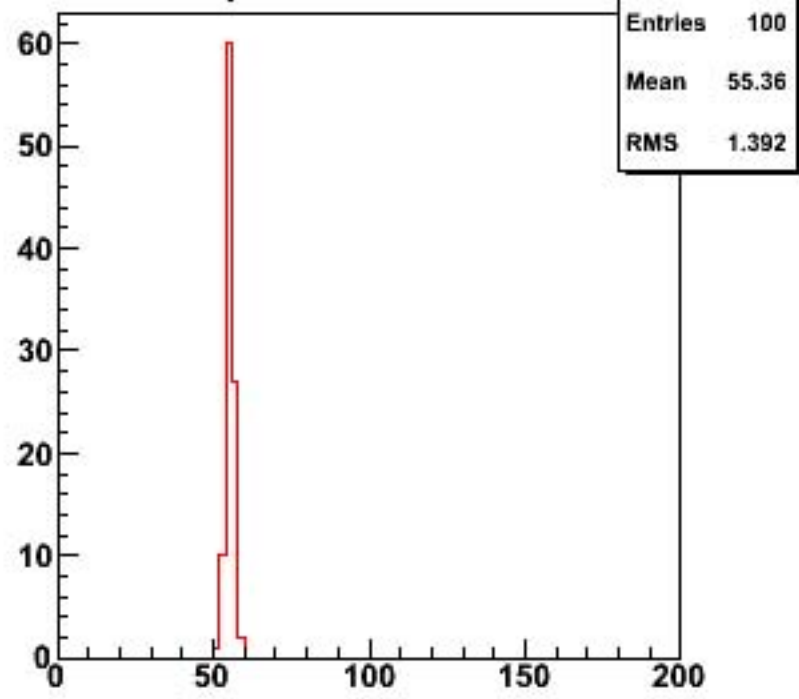
Err Fit Option='W'



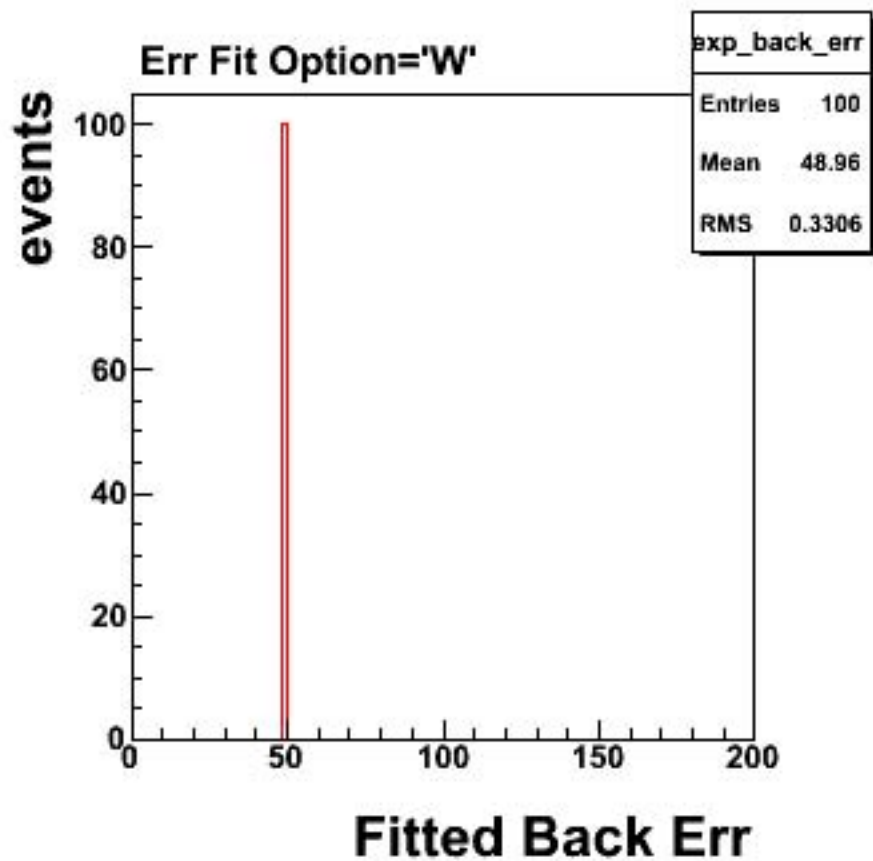
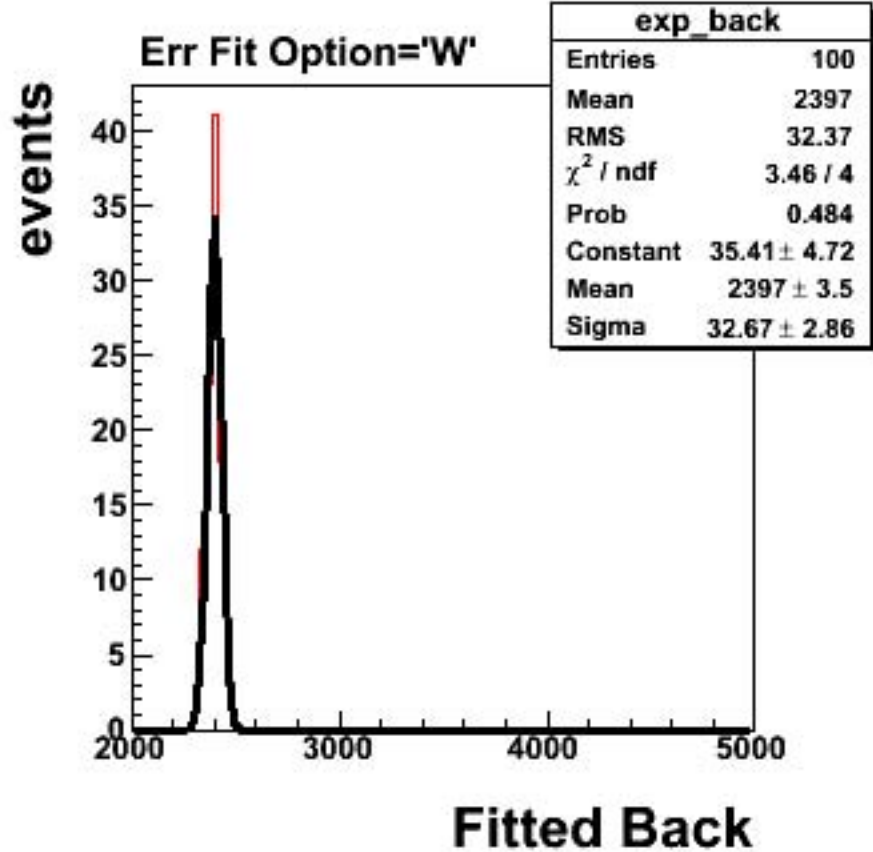
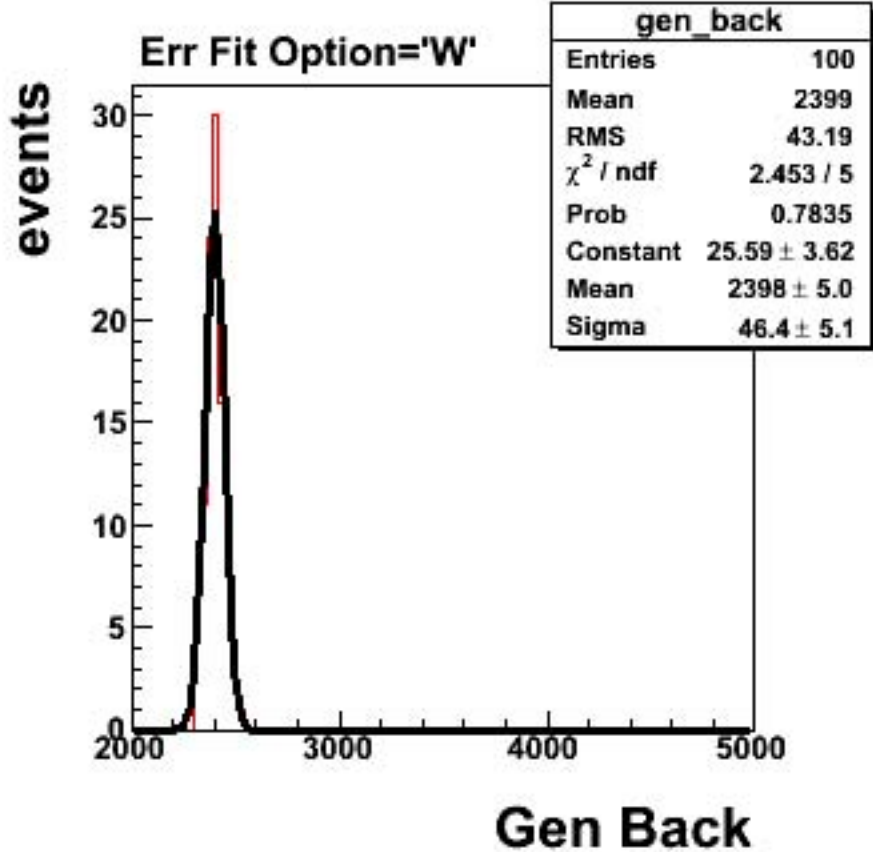
Data - Fitted Back Err

events

Err Fit Option='W'

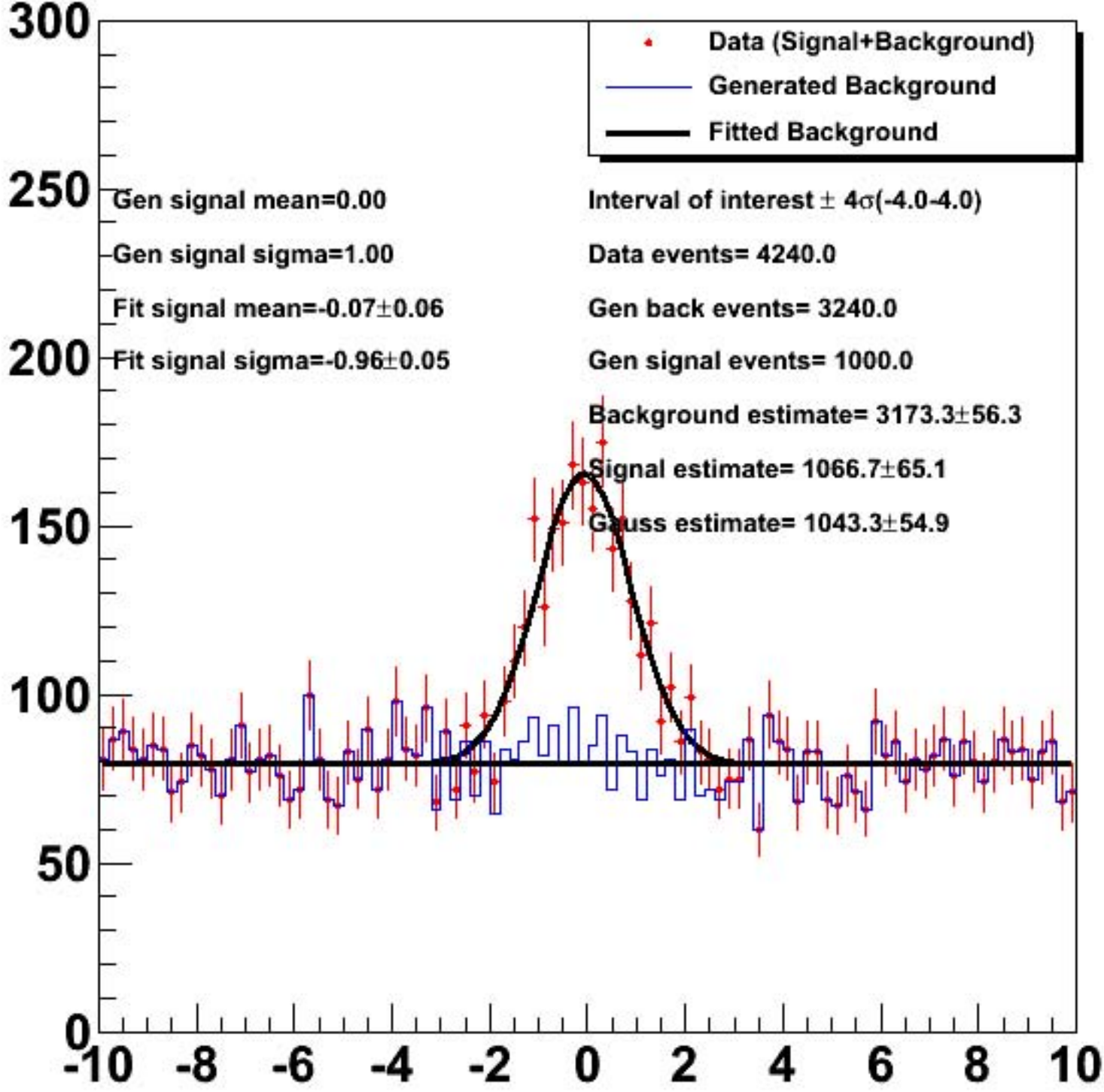


Fitted Gauss Err

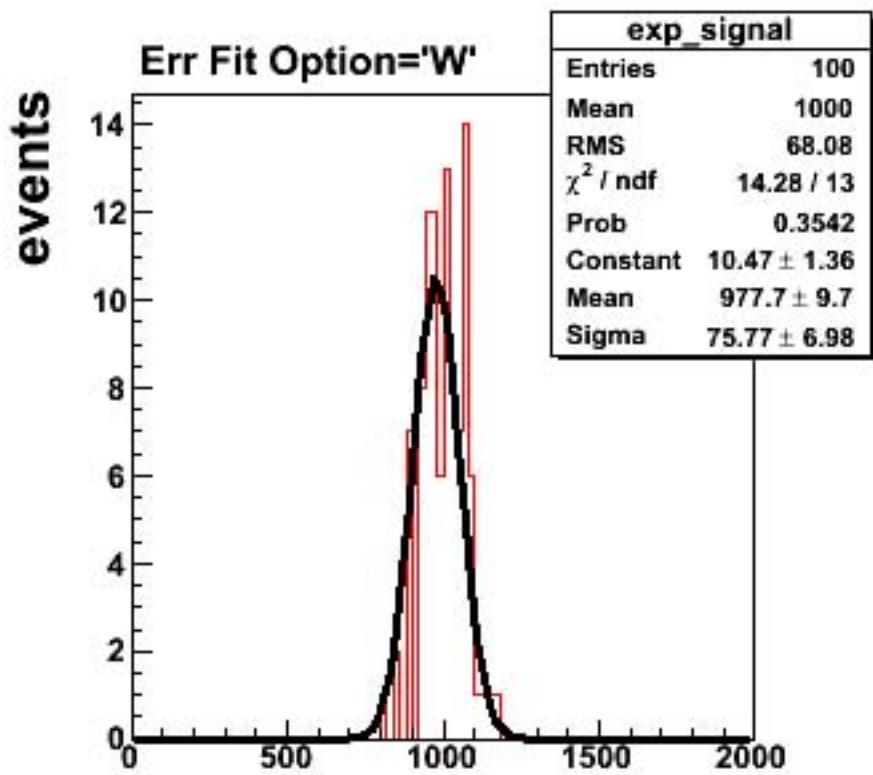


Err Fit Option='W'

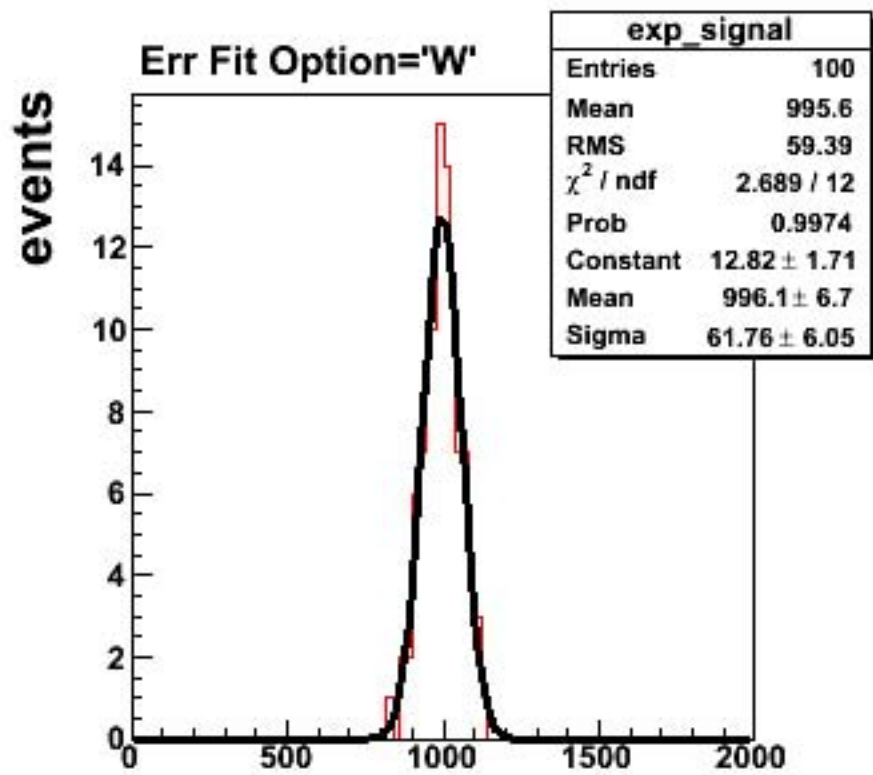
events



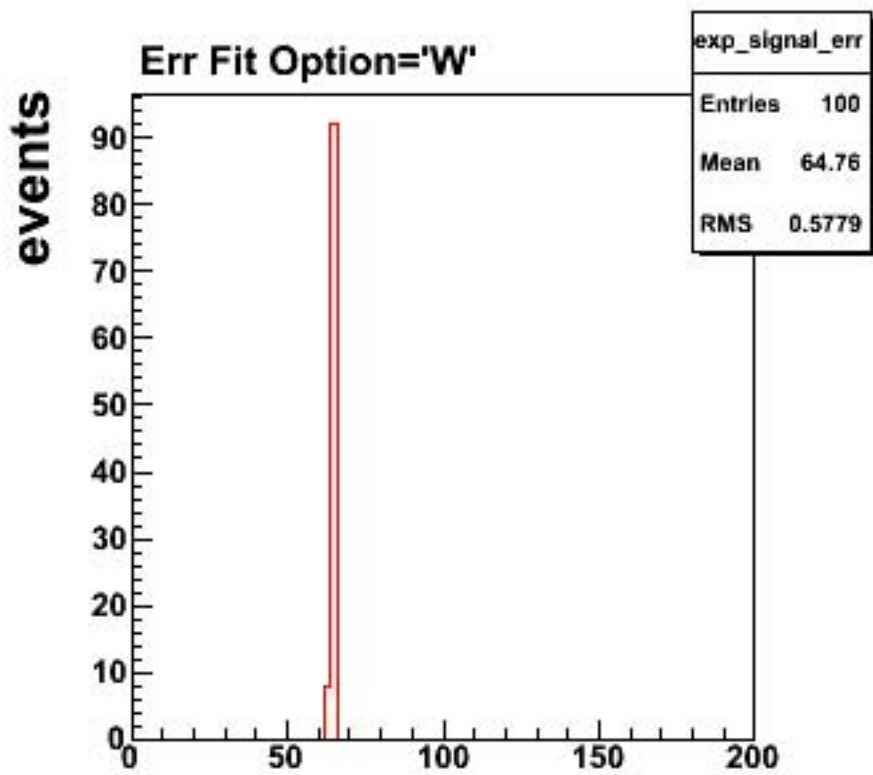
variable x



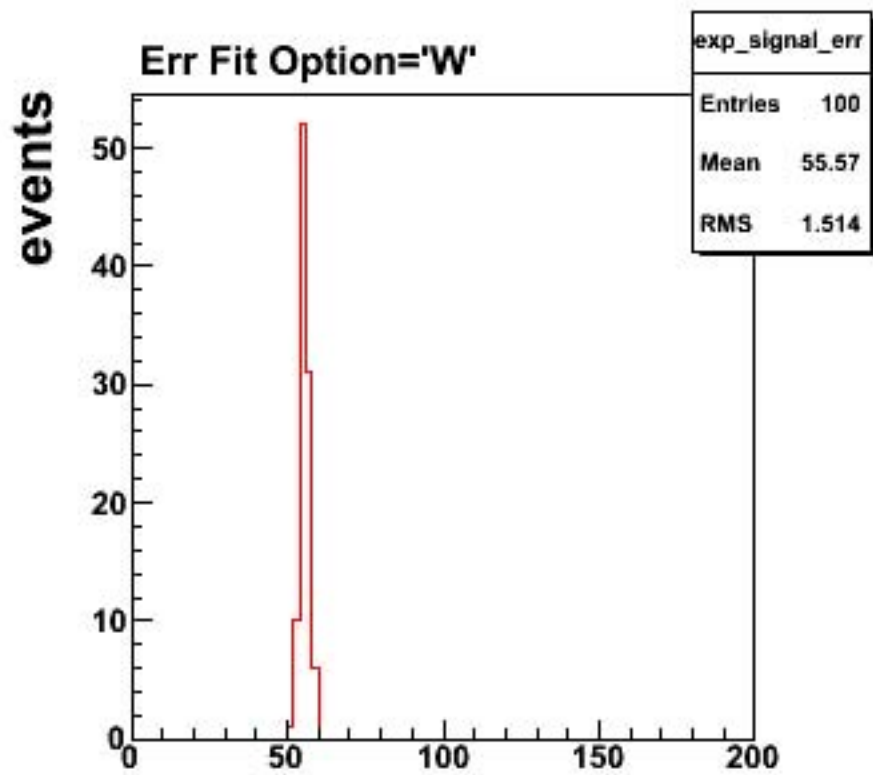
Data - Fitted Back



Fitted Gaussian



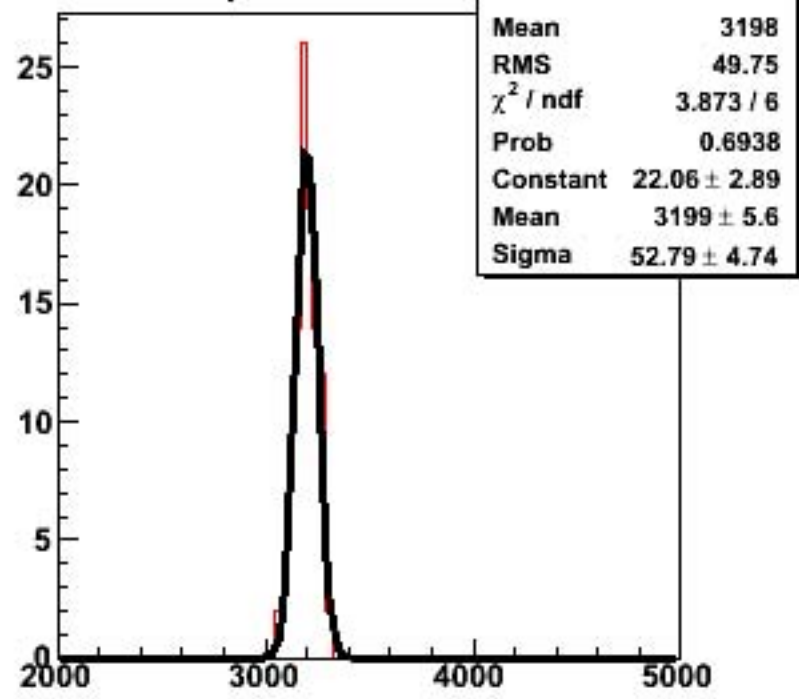
Data - Fitted Back Err



Fitted Gauss Err

events

Err Fit Option='W'

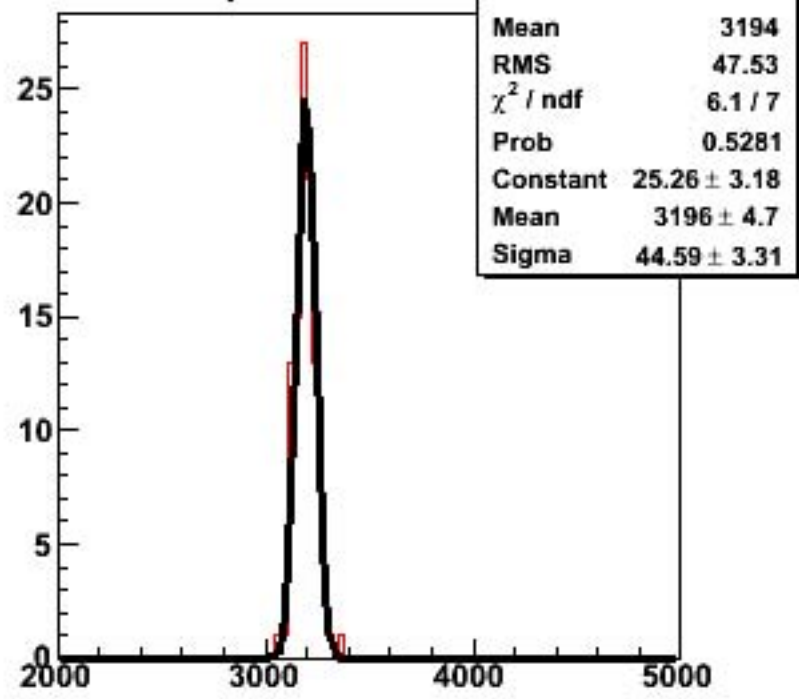


gen_back	
Entries	100
Mean	3198
RMS	49.75
$\chi^2 / \text{ndf}$	3.873 / 6
Prob	0.6938
Constant	$22.06 \pm 2.89$
Mean	$3199 \pm 5.6$
Sigma	$52.79 \pm 4.74$

Gen Back

events

Err Fit Option='W'

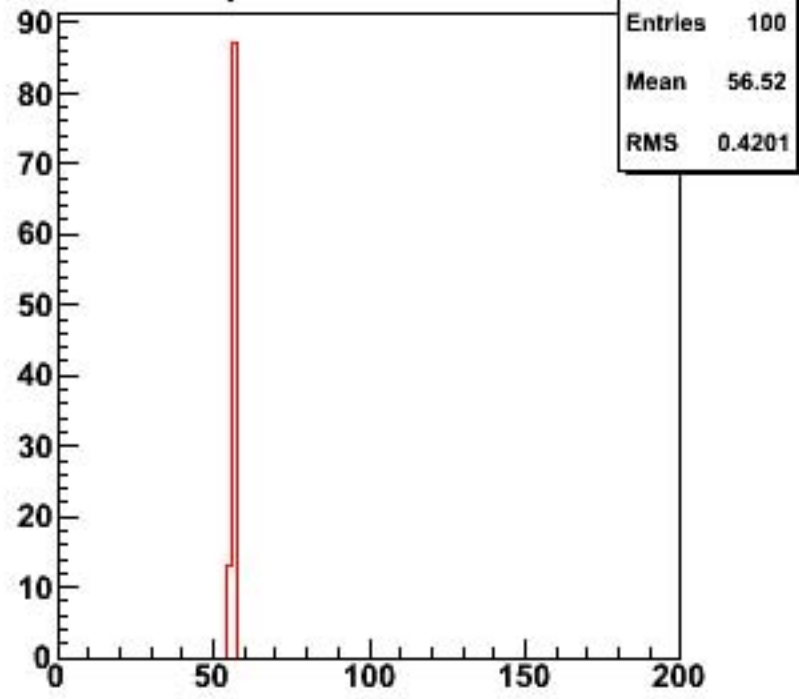


exp_back	
Entries	100
Mean	3194
RMS	47.53
$\chi^2 / \text{ndf}$	6.1 / 7
Prob	0.5281
Constant	$25.26 \pm 3.18$
Mean	$3196 \pm 4.7$
Sigma	$44.59 \pm 3.31$

Fitted Back

events

Err Fit Option='W'

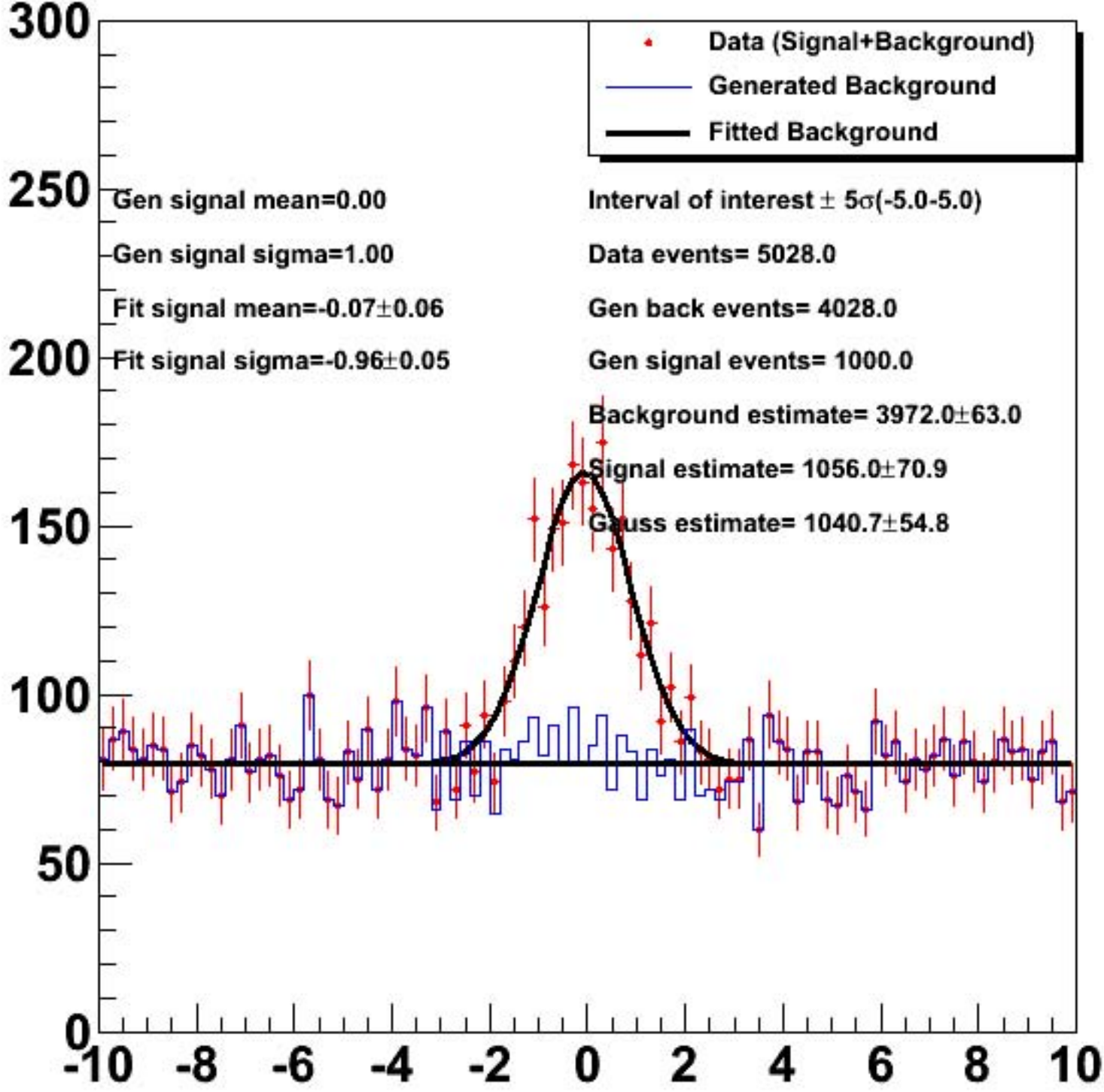


exp_back_err	
Entries	100
Mean	56.52
RMS	0.4201

Fitted Back Err

Err Fit Option='W'

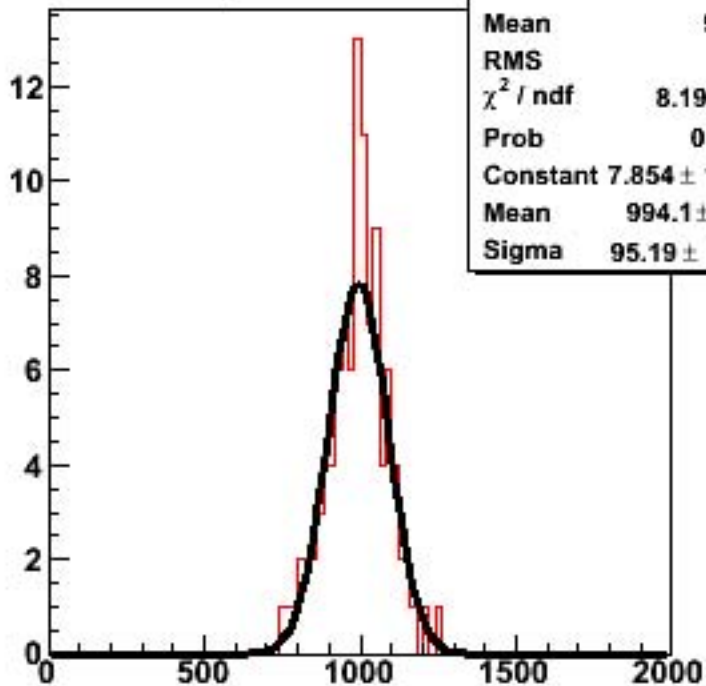
events



variable x

events

Err Fit Option='W'

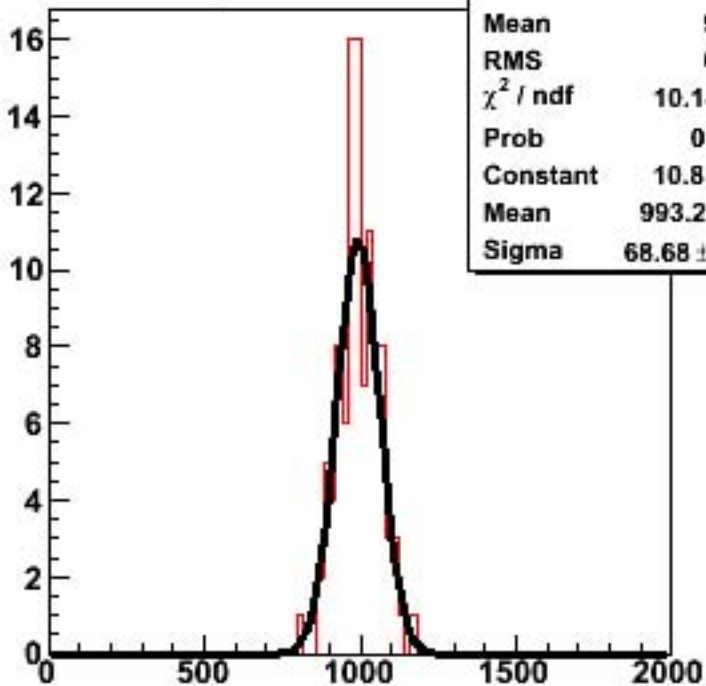


exp_signal	
Entries	100
Mean	992.4
RMS	94.4
$\chi^2 / \text{ndf}$	8.194 / 21
Prob	0.9943
Constant	$7.854 \pm 1.170$
Mean	$994.1 \pm 10.6$
Sigma	$95.19 \pm 11.28$

Data - Fitted Back

events

Err Fit Option='W'

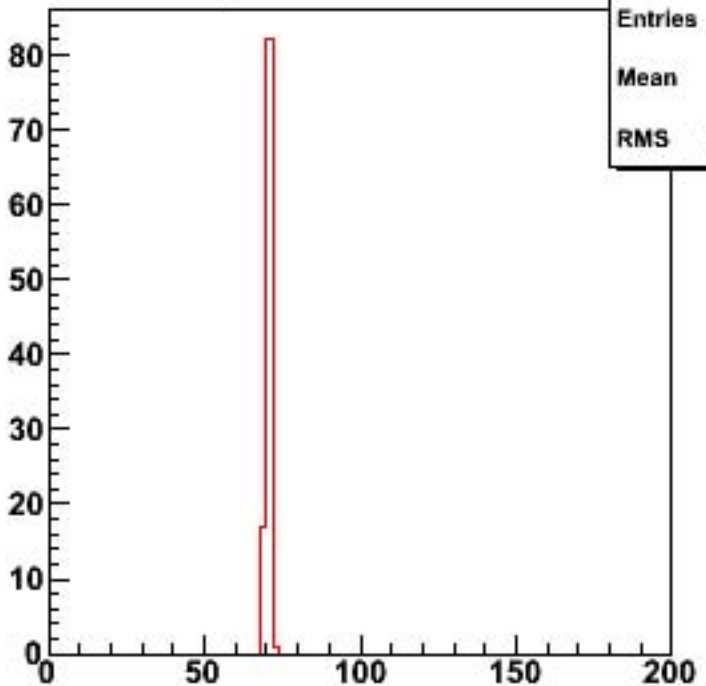


exp_signal	
Entries	100
Mean	993.8
RMS	62.79
$\chi^2 / \text{ndf}$	10.18 / 13
Prob	0.6788
Constant	$10.8 \pm 1.5$
Mean	$993.2 \pm 8.1$
Sigma	$68.68 \pm 7.82$

Fitted Gaussian

events

Err Fit Option='W'

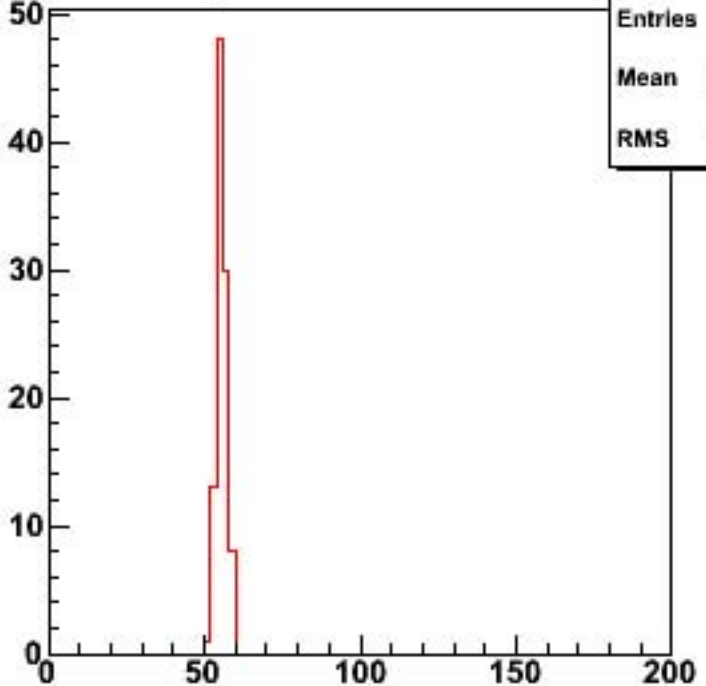


exp_signal_err	
Entries	100
Mean	70.63
RMS	0.6317

Data - Fitted Back Err

events

Err Fit Option='W'



exp_signal_err	
Entries	100
Mean	55.56
RMS	1.538

Fitted Gauss Err



