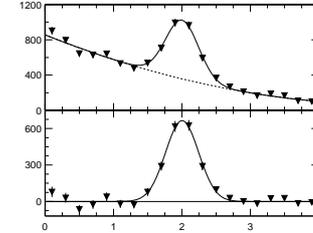


```

MINUIT  $\chi^2$  Fit to Plots      7&1: 8&1
Plot 7&1:  HBOOK: Gaussian Signal + Exponential Background
File: /data/beam-16-5.133/minuit_data/hoock_example.his      10-NOV-2006 21:41
Plot Area TotalFit      10000. / 10000.                    Fit Status 3
Function TotalFit      2019.0 / 2019.0                      E.D.M. 1.274E-06
 $\chi^2 = 26.8$  for 40 - 9 d.o.f.,                               C.L.=68.1%

Individual  $\chi^2$ : 18.4, 8.4
Errors
Function 1: Gaussian (sigma)      Parabolic      Minus
AREA      2982.7      ± 131.8      - 0.000      + 0.000
ARI/AREA  0.67690      ± 1.4807E-02      - 0.000      + 0.000
MEAN      2.0033      ± 8.6526E-03      - 0.000      + 0.000
SIGMA     0.242415      ± 9.4617E-03      - 0.000      + 0.000
Function 2: Chebyshev Polynomial of Order 2
NORM      1611.8      ± 53.79      - 0.000      + 0.000
+NRM1/NORM 1.0000      ± 0.000      - 0.000      + 0.000
CHEB01    1.0096      ± 1.744E-02      - 0.000      + 0.000
CHEB02    0.25880      ± 4.4927E-02      - 0.000      + 0.000
Function 3: Chebyshev Polynomial of Order 1
NORM      408.80      ± 16.67      - 0.000      + 0.000
+NRM1/NORM 0.0000      ± 0.000      - 0.000      + 0.000
CHEB01    -1.0283      ± 2.9066E-02      - 0.000      + 0.000

```



Mn_Fit

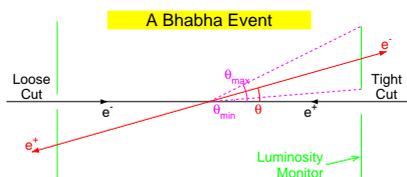
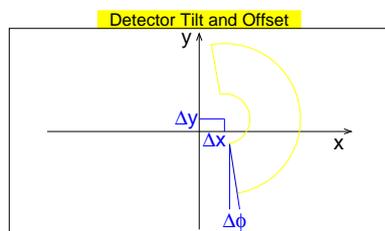
A Fitting and Plotting Package Using MINUIT

Version 5_13
 November 10, 2006
 BONN-MS-99-02

Ian C. Brock

Physikalisches Institut der Universität Bonn
 Nußallee 12, D-53115 Bonn

E-Mail: Ian.Brock@cern.ch or brock@physik.uni-bonn.de
 Homepage: http://www-zeus.physik.uni-bonn.de/~brock/mn_fit.html



Bhabha Event in the L3 Luminosity Monitor

