```
164.796*(a2 + (a4*gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526)))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526)))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526)))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526)))) + a4*tanh(a6*((x0 - 12.5) * 0.00210526))) + a4*tanh(a6*((x0 - 12.5) * 0.00
                         0.00210526)))*(gauss(a5*((x0 - 12.5) * 0.00210526)) + gauss(((x0 - 12.5) * 0.00210526)*(a3 +
                         a7*((x0 - 12.5) * 0.00210526)))))
                         \textbf{a1} = -\textbf{3.11798}^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \ \ \textbf{a2} = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},
                        a3 = 1.65, a4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},
                         a5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \ a6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},
                         a7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)},
                                                                                                                                             a8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Candidate #36
                                                                                                                                                                                                                                                                                                                                                                 \chi^2/NDF = 4.092/13, RMSE = 6.392, R2 = 0.9991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best-fit
800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            al Up (+1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            a1 Down (-1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Data
600
400
200
             0
             1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Data – Fit
Uncertainty
            0
         -1
  1.1
             1
  0.9
                                                                                                                                              100
                                                                                                                                                                                                                                                 200
                                                                                                                                                                                                                                                                                                                                                      300
                                                                                                                                                                                                                                                                                                                                                                                                                                                          400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               500
                                               0
```