```
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 + 12.5) * 0.00210526)))
                                 a7*((x0 - 12.5) * 0.00210526)))))
                                 a1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad 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
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a4 Up (+1\sigma)
        800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a4 Down (-1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Data
         600
         400
         200
                     1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Data – Fit
Uncertainty
                     0
                  -1
      1.03
0.975
                                                                                                                                                     100
                                                                                                                                                                                                                                                        200
                                                                                                                                                                                                                                                                                                                                                            300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   500
                                                         0
                                                                                                                                                                                                                                                                                                                                                                                                                                                               400
```

0

1