```
164.796*(a3 + ((x0 - 12.5) * 0.00210526)*(a8 + 2*((x0 - 12.5) * 0.00210526) + gauss(((x0 - 12.5) * 0.00210526))
12.5) * 0.00210526)))*gauss(a1*((x0 - 12.5) * 0.00210526) + a6) + (a4 + a7*gauss(a2 + 4*((x0 -
12.5) * 0.00210526)) + tanh(((x0 - 12.5) * 0.00210526)))*gauss(a5*((x0 - 12.5) * 0.00210526)**2
+((x0-12.5)*0.00210526))*tanh(((x0-12.5)*0.00210526)))
\mathbf{a1} = -17.7733^{+0.628(3.53\%)}_{-0.628(3.53\%)},
                                        a2 = -0.307739^{+0.0307(9.98\%)}_{-0.0307(9.98\%)},
\text{a3} = 0.0625018^{+0.00668(10.7\%)}_{-0.00668(10.7\%)},
                                       a4 = 0.886819^{+0.149(16.8\%)}_{-0.149(16.8\%)},
\mathsf{a5} = 1.30996^{+0.107(8.17\%)}_{-0.107(8.17\%)},
                                  a6 = 2.89285^{+0.118(4.08\%)}_{-0.118(4.08\%)},
                                 a8 = 18.3245^{+0.6(3.27\%)}_{-0.6(3.27\%)}
a7 = 11.6623^{+0.654(5.61\%)}_{-0.654(5.61\%)},
                                                                                                                                          Candidate #43
                                                                                          \chi^2/NDF = 2.837/12, p-value = 0.9966, RMSE = 4.34
                                                                                                                                                 Best-fit
                                                                                                                                                al Up
                                                                                                                                                 a1 Down
                                                                                                                                                 Data
                                                                                                                                                                Data – Fit
Data unc.
                                                                                                                                                                Up or Down
                                                                                                                                                                    Best-fit
```

300

400

500

800

600

400

200

0

0.5

-0.5

1.1

1

0

100

200

0.9

0