```
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) * 0.002106))) + a4*tanh(a6*((x0 - 12.5) * 0.0021
              0.00210526)))*(gauss(a5*((x0 - 12.5) * 0.00210526)) + gauss(((x0 - 12.5) * 0.00210526)*(a3 +
              a7*((x0 - 12.5) * 0.00210526)))))
              \text{a1} = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \ \text{a2} = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},
              \text{a3} = 1.65, \ \text{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
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.00
a1
-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          - 0.75
a2
-
                               0.001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          - 0.50
                             -0.048
                                                                                         0.131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          - 0.25
a5
-
                             -0.091
                                                                                         0.657
                                                                                                                                                   0.442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          - 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            - -0.25
ge
                              -0.565
                                                                                       -0.162
                                                                                                                                                 -0.705
                                                                                                                                                                                                          -0.305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -0.50
                              -0.526
                                                                                        -0.207
                                                                                                                                                   0.037
                                                                                                                                                                                                          -0.281
                                                                                                                                                                                                                                                                     0.502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -0.75
98
98
                                                                                        0.002
                             -0.983
                                                                                                                                                  0.052
                                                                                                                                                                                                           0.101
                                                                                                                                                                                                                                                                      0.544
                                                                                                                                                                                                                                                                                                                               0.477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -1.00
                                     a1
                                                                                                                                                                                                                  а5
                                                                                                                                                                                                                                                                           a6
                                                                                                                                                                                                                                                                                                                                     а7
                                                                                                                                                                                                                                                                                                                                                                                              a8
                                                                                               a2
                                                                                                                                                         a4
```