```
1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))
                                               a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)},
           a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)},
           \text{a3} = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}, \quad \textbf{a4} = \textbf{2.04204}^{+0.165(8.08\%)}_{-0.165(8.08\%)},
                                                                                                                                                               Candidate #14
           a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}
                                                                                                                    \chi^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0
                                                                                                                                                            Best-fit
   10^{2}
                                                                                                                                                            a4 Up (+1\sigma)
                                                                                                                                                            a4 Down (-1\sigma)
   10^{1}
                                                                                                                                                            Data
   10<sup>0</sup>
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}
       2
                                                                                                                                                                                        Data – Fit
Uncertainty
      0
     -2
  1.03
       1
0.975
  0.95
                                     2 \times 10^3
                                                                         3 \times 10^3
                                                                                                   4 \times 10^{3}
                                                                                                                                       6 \times 10^3
```