```
1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))
         \text{a1} = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}, \ \text{a2} = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)},
         \mathbf{a3} = \mathbf{0.0404802}^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}, \quad \mathbf{a4} = 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}
                                                                                                                                                                 a3 Up (+1\sigma)
                                                                                                                                                                 a3 Down (-1\sigma)
  10^{1}
                                                                                                                                                                 Data
  10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
     2
                                                                                                                                                                                             Data – Fit
Uncertainty
     0
    -2
  1.2
     1
  0.8
                                     2 \times 10^{3}
                                                                                                                                           6 \times 10^3
                                                                          3 \times 10^{3}
                                                                                                     4 \times 10^3
```