```
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\%)},
          \text{a3} = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}, \ \text{a4} = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)},
                                                                                                                                                                      Candidate #14
          \mathbf{a5} = \mathbf{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}
                                                                                                                                                                   a5 Up (+1\sigma)
                                                                                                                                                                   a5 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
      2
  1.5
      1
  0.5
                                     2 \times 10^{3}
                                                                                                                                             6 \times 10^3
                                                                           3 \times 10^{3}
                                                                                                       4 \times 10^3
```