```
SymbolFit
        1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))
        \mathbf{a1} = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}, \quad \mathbf{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
        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<sup>2</sup>
                                                                                                                                        al Up (+1\sigma)
                                                                                                                                        al Down (-1\sigma)
 10^{1}
                                                                                                                                        Data
 10<sup>0</sup>
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
                                                                                                                                                                  <u>6</u>
     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}
```