```
25510.7*(a1*a2**tanh(((x0 - 1794.0) * 0.000184332))*((x0 - 1794.0) * 0.000184332) + a3**((x0 - 1794.0) * 0.000184332))*((x0 - 1794.0) * 0.00018432))*((x0 - 1794.0) * 0.00018432)
                               1794.0) * 0.000184332)/tanh(a4 + a6*((x0 - 1794.0) * 0.000184332)**a5))
                               a1 = -0.044, a2 = 4.64e - 05,
                               \text{a3} = 6.09395e - 05^{+3.56e -06(5.84\%)}_{-3.439e -06(5.64\%)}, \quad \text{a4} = 0.110531^{+0.0002271(0.205\%)}_{-0.0002269(0.205\%)},
                               a5 = 1.14973^{+0.01034(0.899\%)}_{-0.01044(0.908\%)}, \quad \textbf{a6} = \textbf{1.43908}^{+\textbf{0.05064(3.52\%)}}_{-\textbf{0.04984(3.46\%)}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Candidate #21
                                                                                                                                                                                                                                                                                                                                                                                                           \chi^2/NDF = 45.26/41, RMSE = 169.2, R2 = 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best-fit
      10<sup>5</sup>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -- a6 Up (+1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            a6 Down (-1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Data
      10^{4}
      10<sup>3</sup>
      10^{2}
      10^{1}
      10<sup>0</sup>
10^{-1}
                  2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Data – Fit
Uncertainty
                0
             -2
1.02
                  1
 0.98
                                                                                     2 \times 10^3
                                                                                                                                                                                                                                            3 \times 10^{3}
                                                                                                                                                                                                                                                                                                                                                      4 \times 10^{3}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6 \times 10^{3}
```