```
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\%)}, a6 = 1.43908^{+0.05064(3.52\%)}_{-0.04984(3.46\%)}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Candidate #21
                                                                                                                                                                                                                                                                                                                                                                                                  \chi^2/NDF = 45.26/41, RMSE = 169.2, R2 = 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best-fit
      10<sup>5</sup>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ---- a5 Up (+1\sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a5 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
 1.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          \pm 1\sigma
Best-fit
                  1
 0.99
                                                                                   2 \times 10^3
                                                                                                                                                                                                                                      3 \times 10^3
                                                                                                                                                                                                                                                                                                                                               4 \times 10^3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 \times 10^3
```