```
1.0*((a4*exp(a1*((x0 - 1568.5) * 0.000136221)))**exp(((x0 - 1568.5) * 0.000136221)*(a2 + 1.0*((a4*exp(a1*((x0 - 1568.5) * 0.000136221))))**exp(((x0 - 1568.5) * 0.000136221))))
          a3*((x0 - 1568.5) * 0.000136221))))
          a1 = -24.634^{+0.06754(0.274\%)}_{-0.0677(0.275\%)}, a2 = -1.20944^{+0.04655(3.85\%)}_{-0.04649(3.84\%)},
          a3 = 1.14014^{+0.1242(10.9\%)}_{-0.1233(10.8\%)},
                                                   a4 = 6.96177^{+0.02131(0.306\%)}_{-0.02128(0.306\%)}
                                                                                                                                                                          Candidate #13
                                                                                                                       \chi^2/NDF = 42.14/40, RMSE = 0.008044, R2 = 1.0
  10^1
                                                                                                                                                                      Best-fit
                                                                                                                                                             ---- a2 Up (+1\sigma)
                                                                                                                                                                      a2 Down (-1\sigma)
10^{-1}
                                                                                                                                                                      Data
10<sup>-3</sup>
10^{-5}
10^{-7}
10^{-9}
      2
                                                                                                                                                                                                   Data – Fit
Uncertainty
      0
    -2
      2
                                                                                                                                                                                                   \pm 1\sigma
Best-fit
      1
```

 $4 \times 10^3$ 

 $6 \times 10^{3}$ 

 $2 \times 10^{3}$ 

 $3 \times 10^3$