```
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\%)},
                                                    a4 = 6.96177^{+0.02131(0.306\%)}_{-0.02128(0.306\%)}
           a3 = 1.14014^{+0.1242(10.9\%)}_{-0.1233(10.8\%)},
                                                                                                                                                                        Candidate #13
                                                                                                                      \chi^2/NDF = 42.14/40, RMSE = 0.008044, R2 = 1.0
                                                                                                                                                                    Best-fit
                                                                                                                                                                    a4 Up (+1\sigma)
   10<sup>0</sup>
                                                                                                                                                                    a4 Down (-1\sigma)
                                                                                                                                                                    Data
 10^{-2}
 10^{-4}
 10^{-6}
 10-8
                                                                                                                                                                                                   <u>g</u>
       2
                                                                                                                                                                                                 Data – Fit
Uncertainty
       0
      -2
       1
       1
0.998
```

 $4 \times 10^{3}$ 

 $6 \times 10^3$ 

 $2 \times 10^3$ 

 $3 \times 10^3$