Candidate function #9

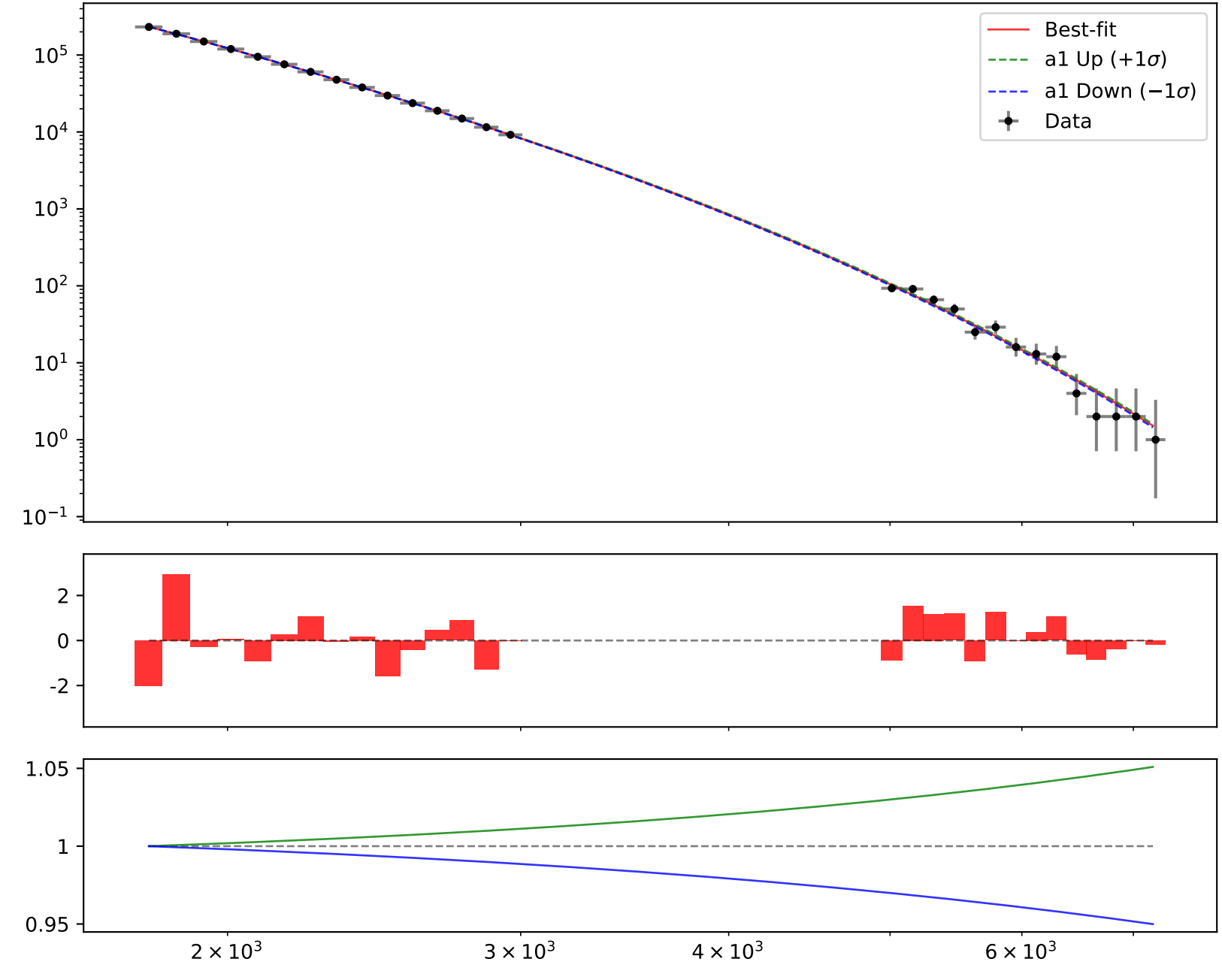
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + tanh(((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3)))

a1 = 4.23734e − 05 $^{+2.169e-06(5.12\%)}_{-2.132e-06(5.03\%)}$, a2 = 0.165227 $^{+0.0002952(0.179\%)}_{-0.0002956(0.179\%)}$,

a3 = 1.40822 $^{+0.02191(1.56\%)}_{-0.02035(1.44\%)}$

Candidate #9

χ^2/NDF = 31.39/26, RMSE = 315.5, R2 = 1.0



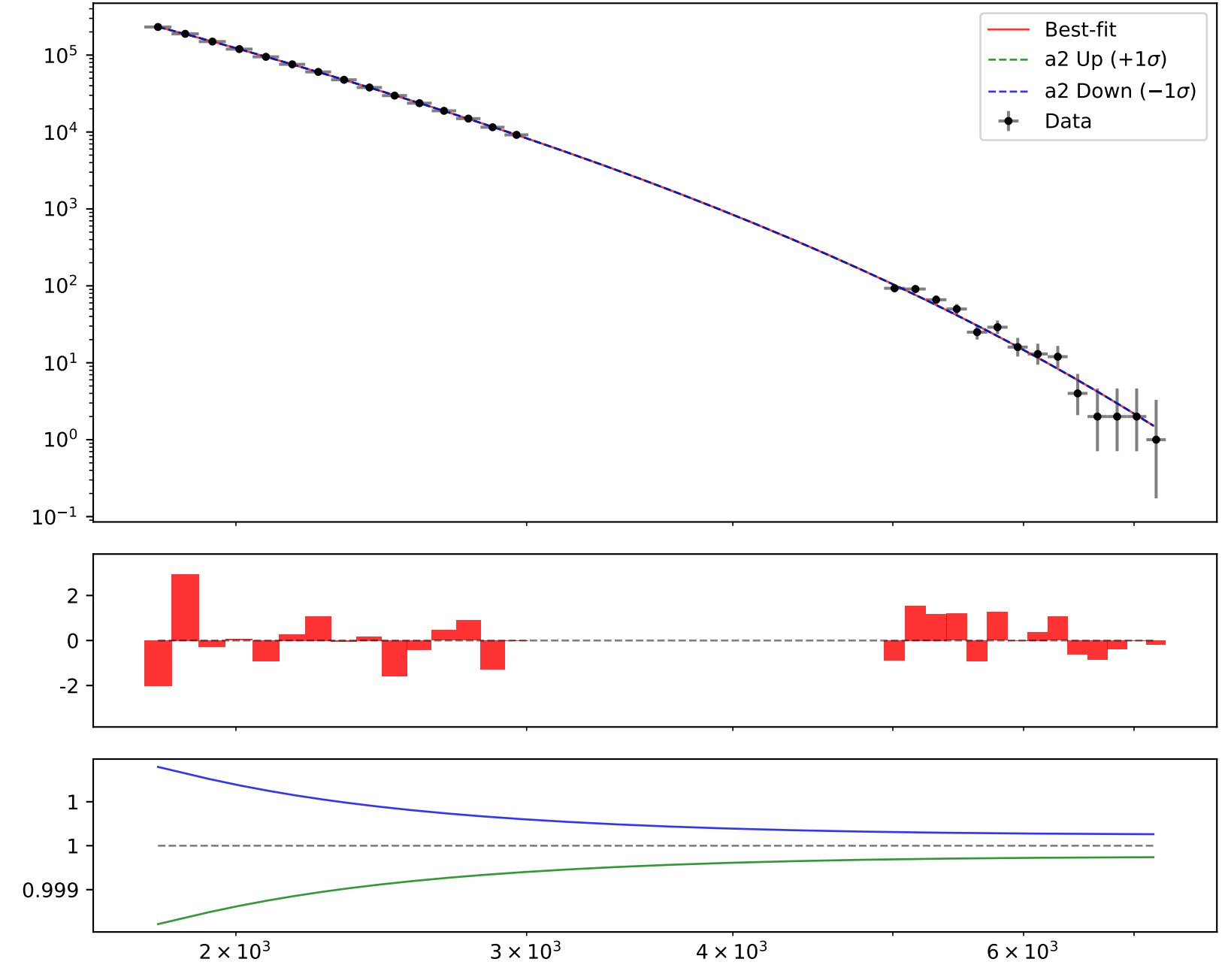
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + tanh(((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3)))

$a1 = 4.23734e-05^{+2.169e-06(5.12\%)}_{-2.132e-06(5.03\%)}$, **$a2 = 0.165227^{+0.0002952(0.179\%)}_{-0.0002956(0.179\%)}$**,

$a3 = 1.40822^{+0.02191(1.56\%)}_{-0.02035(1.44\%)}$

Candidate #9

χ^2/NDF = 31.39/26, RMSE = 315.5, R2 = 1.0



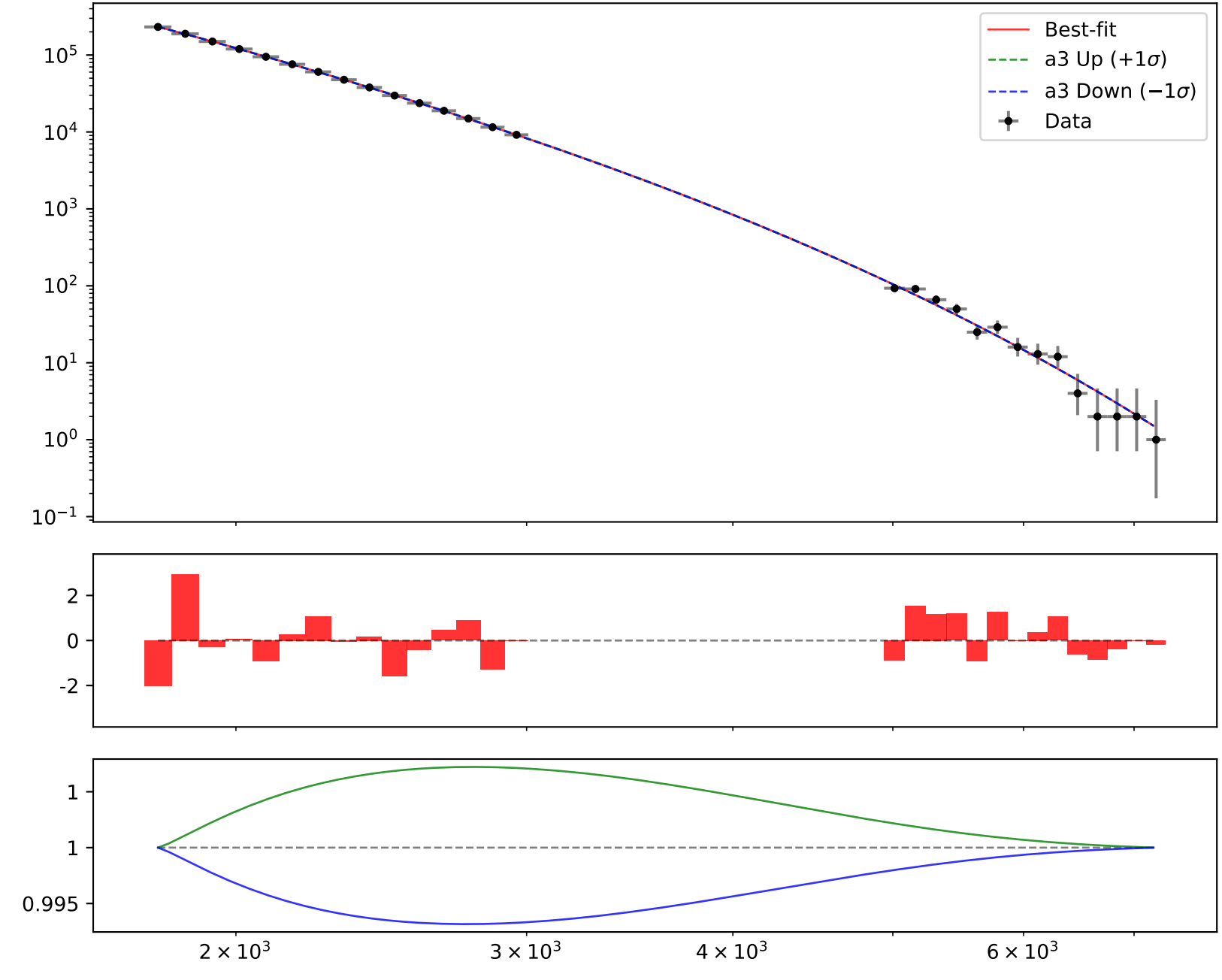
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + tanh(((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3)))

$a1 = 4.23734e-05^{+2.169e-06(5.12\%)}_{-2.132e-06(5.03\%)}$, $a2 = 0.165227^{+0.0002952(0.179\%)}_{-0.0002956(0.179\%)}$,

$a3 = 1.40822^{+0.02191(1.56\%)}_{-0.02035(1.44\%)}$

Candidate #9

χ^2/NDF = 31.39/26, RMSE = 315.5, R2 = 1.0



Candidate function #8

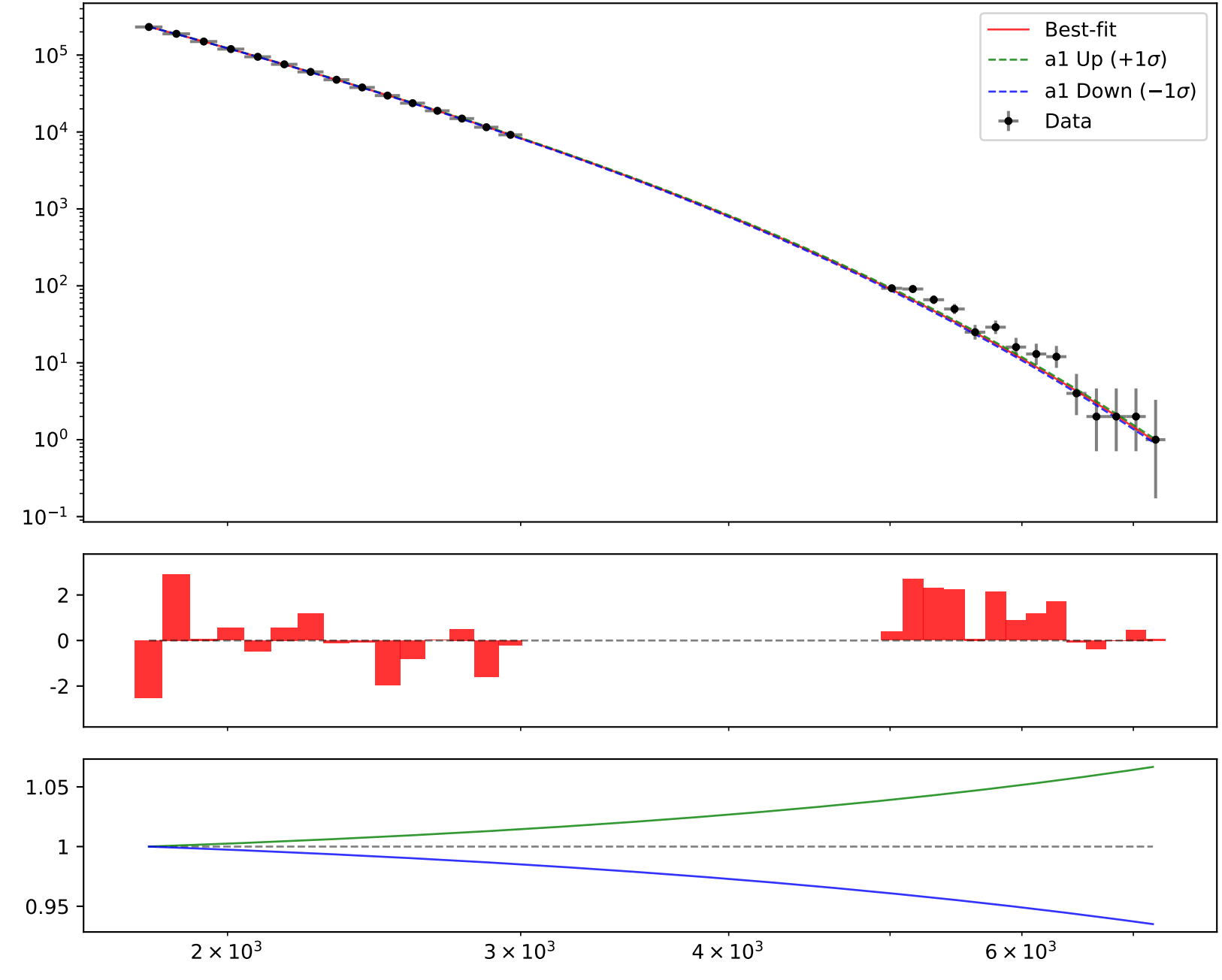
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3))

a1 = 5.30404e − 05 $^{\mathbf{+3.557e-06(6.71\%)}}_{\mathbf{-3.46e-06(6.52\%)}}$, a2 = 0.165057 $^{+0.0003905(0.237\%)}_{-0.0003911(0.237\%)}$,

a3 = 1.34599 $^{+0.02463(1.83\%)}_{-0.02263(1.68\%)}$

Candidate #8

χ^2/NDF = 52.23/26, RMSE = 343.5, R2 = 1.0



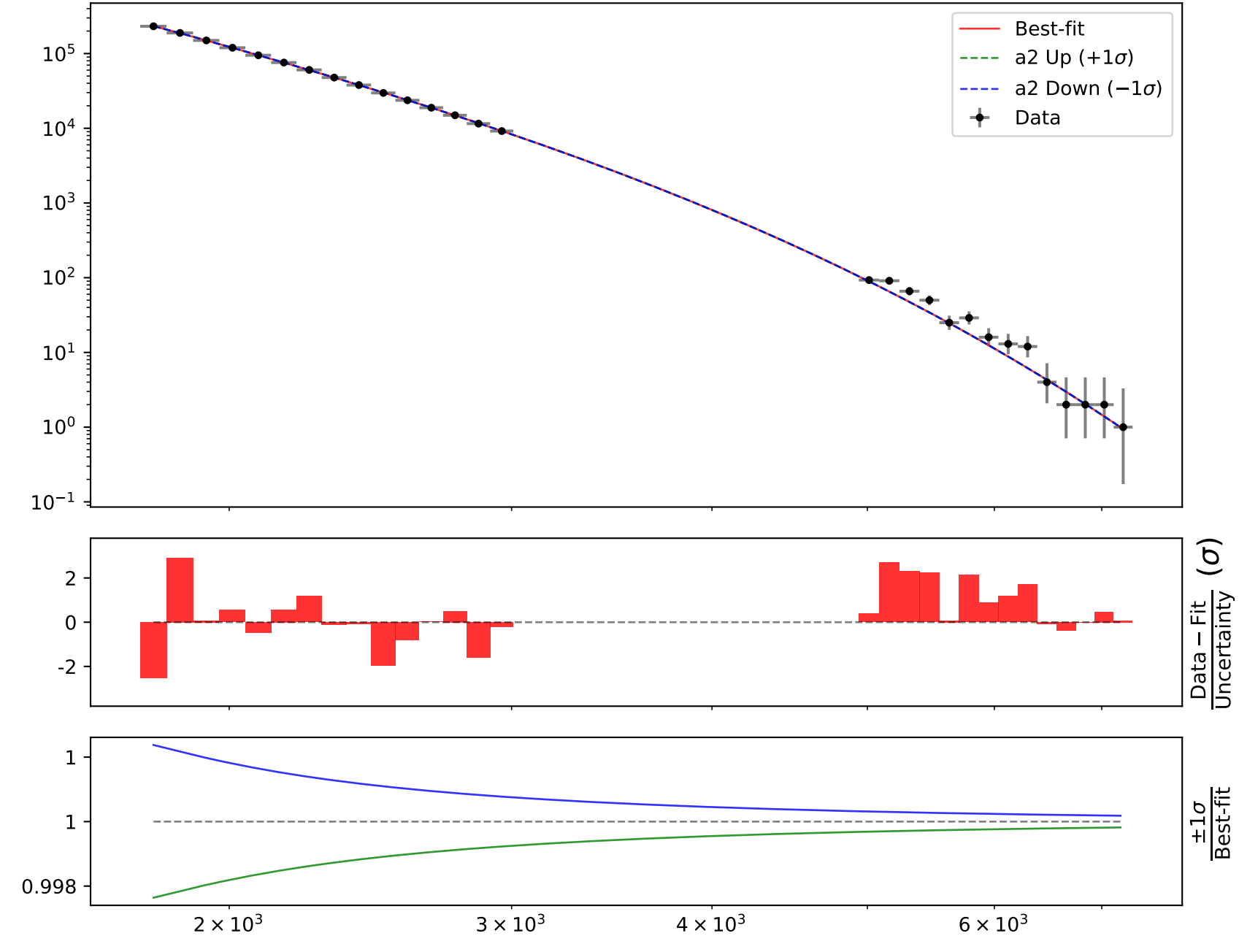
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3))

$a1 = 5.30404e-05^{+3.557e-06(6.71\%)}_{-3.46e-06(6.52\%)}$, **$a2 = 0.165057^{+0.0003905(0.237\%)}_{-0.0003911(0.237\%)}$**,

$a3 = 1.34599^{+0.02463(1.83\%)}_{-0.02263(1.68\%)}$

Candidate #8

χ^2/NDF = 52.23/26, RMSE = 343.5, R2 = 1.0



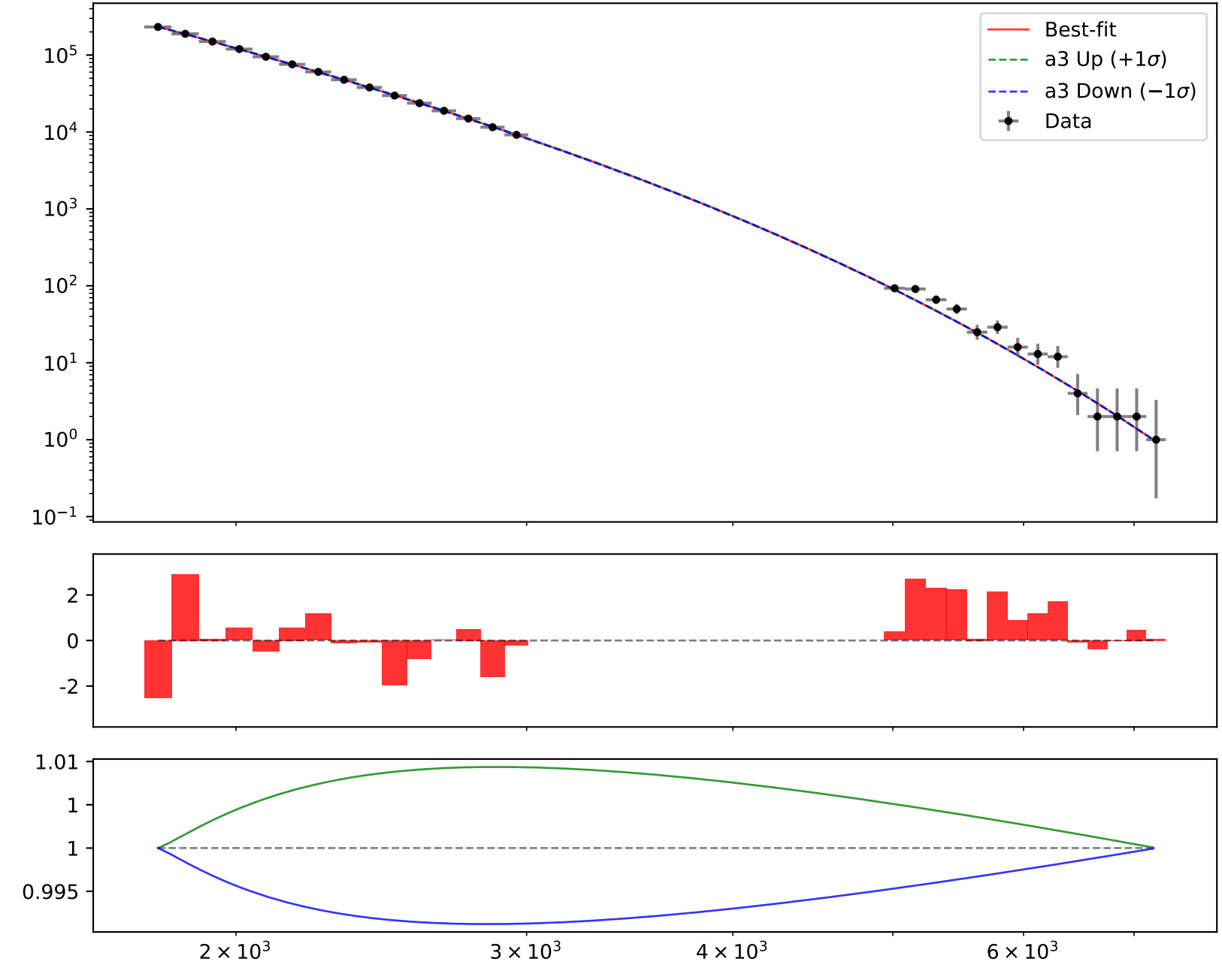
38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3))

$a1 = 5.30404e-05^{+3.557e-06(6.71\%)}_{-3.46e-06(6.52\%)}$, $a2 = 0.165057^{+0.0003905(0.237\%)}_{-0.0003911(0.237\%)}$,

$a3 = 1.34599^{+0.02463(1.83\%)}_{-0.02263(1.68\%)}$

Candidate #8

χ^2/NDF = 52.23/26, RMSE = 343.5, R2 = 1.0



Candidate function #7

38458.1*(a1**tanh(((x0 - 1794.0) * 0.000184332))/(a2 + ((x0 - 1794.0) * 0.000184332)))

$\mathbf{a1 = 1.06853e-05^{+3.34e-07(3.13\%)}_{-3.246e-07(3.04\%)}}$, $a2 = 0.164674^{+0.000422(0.256\%)}_{-0.0004202(0.255\%)}$

Candidate #7

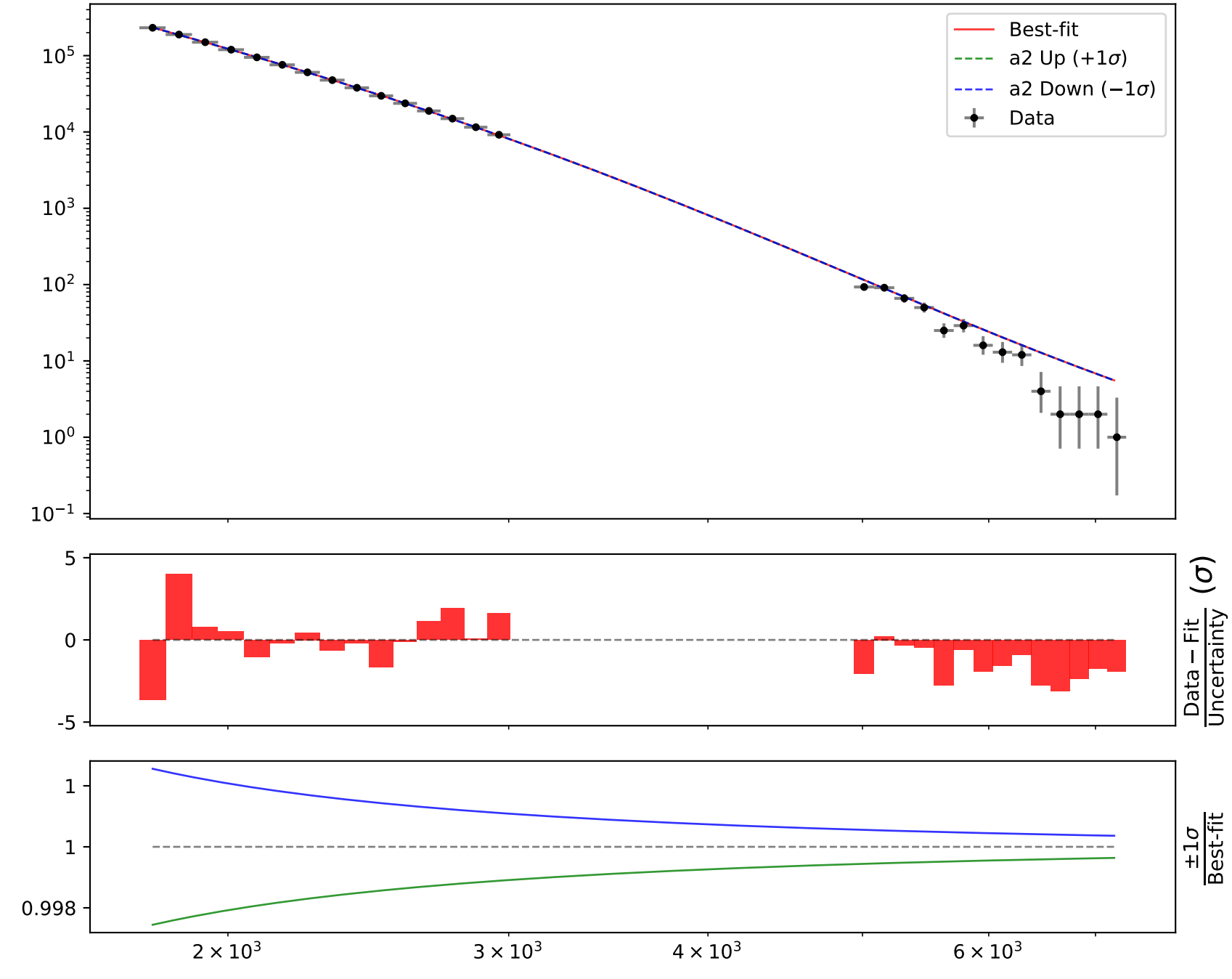
χ^2/NDF = 91.63/27, RMSE = 476.2, R2 = 0.9999

38458.1*(a1**tanh(((x0 - 1794.0) * 0.000184332))/(a2 + ((x0 - 1794.0) * 0.000184332)))

$a1 = 1.06853e-05^{+3.34e-07(3.13\%)}_{-3.246e-07(3.04\%)}$, $\mathbf{a2 = 0.164674^{+0.000422(0.256\%)}_{-0.0004202(0.255\%)}}$

Candidate #7

χ^2/NDF = 91.63/27, RMSE = 476.2, R2 = 0.9999



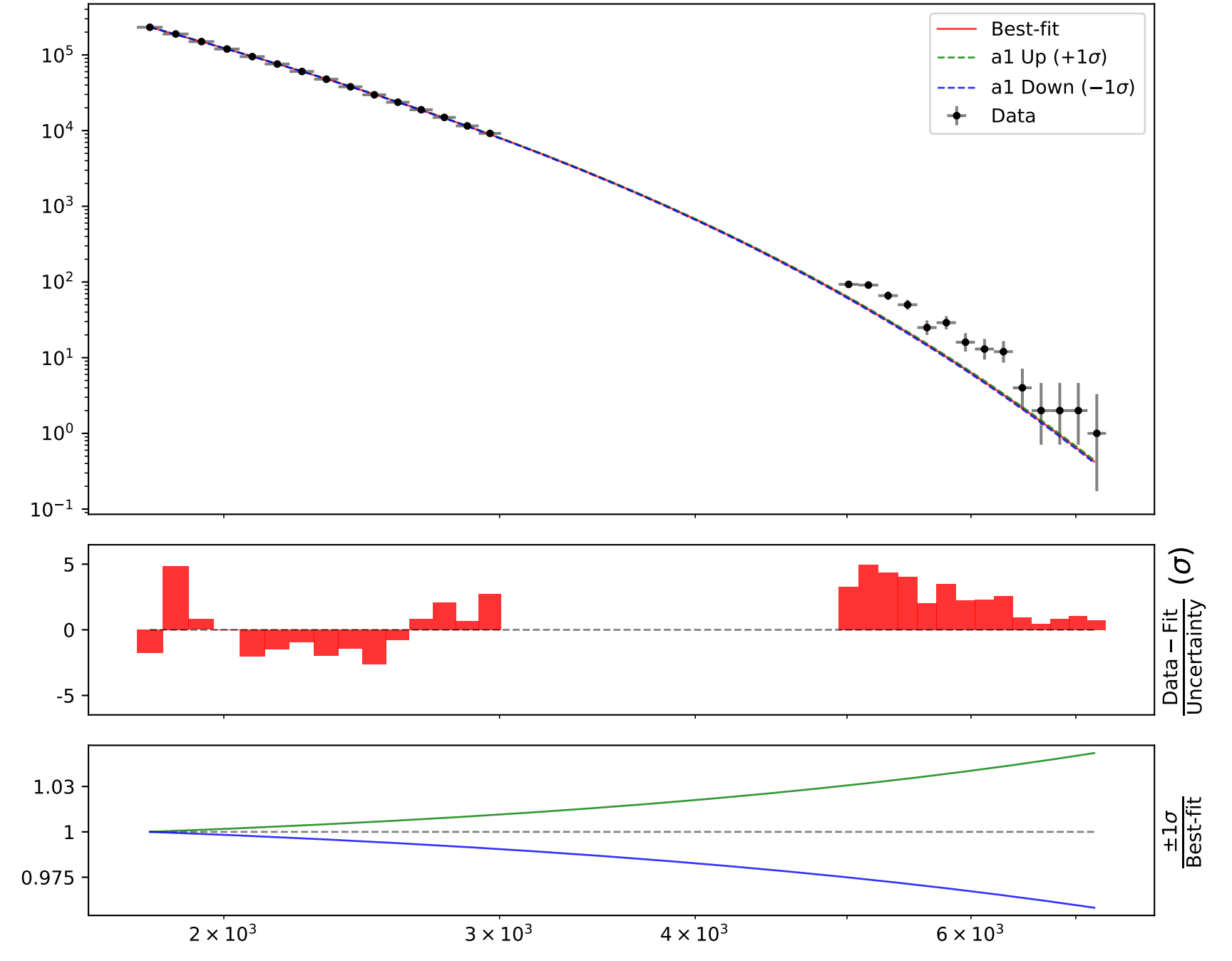
Candidate function #6

38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332)))

$\mathbf{a1 = 1.21048e-05^{+5.28e-07(4.36\%)}_{-5.08e-07(4.2\%)}}$, $a2 = 0.165306^{+0.0005818(0.352\%)}_{-0.0005785(0.35\%)}$

Candidate #6

χ^2/NDF = 169.1/27, RMSE = 475.9, R2 = 0.9999

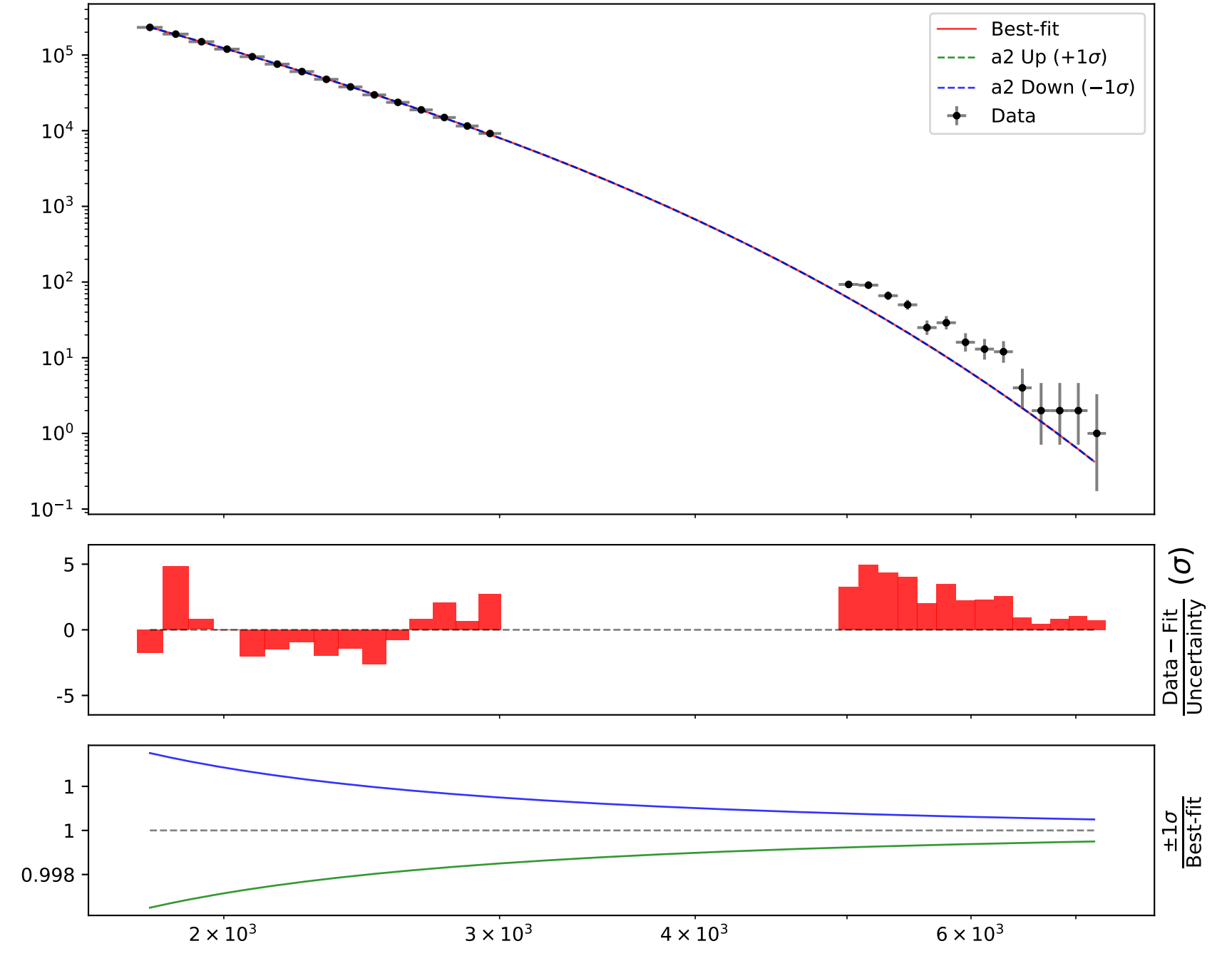


38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332)))

$a1 = 1.21048e-05^{+5.28e-07(4.36\%)}_{-5.08e-07(4.2\%)}$, $\mathbf{a2 = 0.165306^{+0.0005818(0.352\%)}_{-0.0005785(0.35\%)}}$

Candidate #6

χ^2/NDF = 169.1/27, RMSE = 475.9, R2 = 0.9999

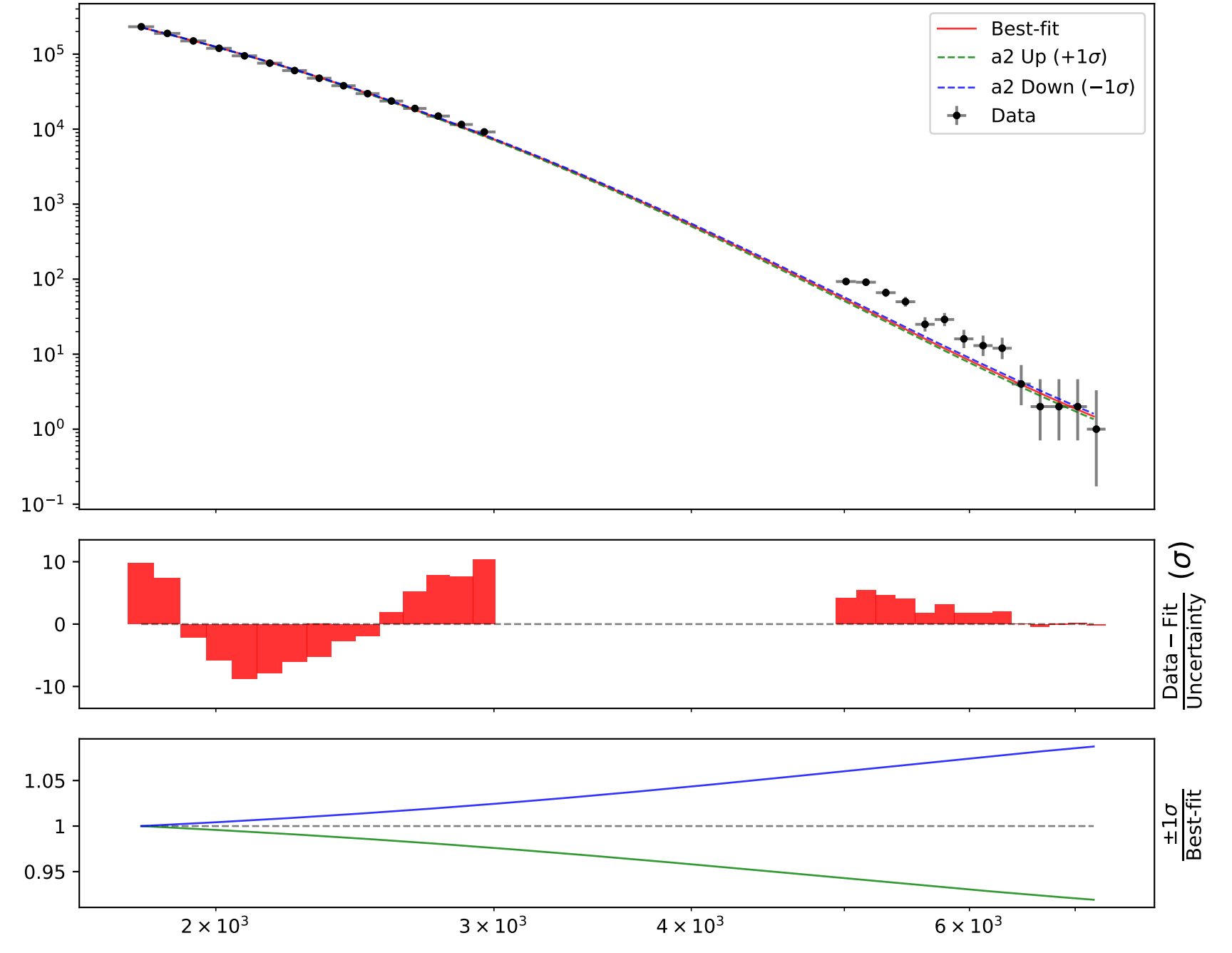


Candidate function #5

38458.1*(a1**(a2*tanh(((x0 - 1794.0) * 0.000184332)))*a3)

$a1 = 0.000414$, $\mathbf{a2 = 2.01865^{+0.01426(0.706\%)}_{-0.01416(0.701\%)}}$,
$a3 = 5.90496^{+0.04328(0.733\%)}_{-0.04317(0.731\%)}$

Candidate #5
χ^2/NDF = 766.1/27, RMSE = 1391.0, R2 = 0.9995



38458.1*(a1**(a2*tanh(((x0 - 1794.0) * 0.000184332)))*a3)

$a1 = 0.000414$, $a2 = 2.01865^{+0.01426(0.706\%)}_{-0.01416(0.701\%)}$,

$a3 = 5.90496^{+0.04328(0.733\%)}_{-0.04317(0.731\%)}$

Candidate #5

χ^2/NDF = 766.1/27, RMSE = 1391.0, R2 = 0.9995

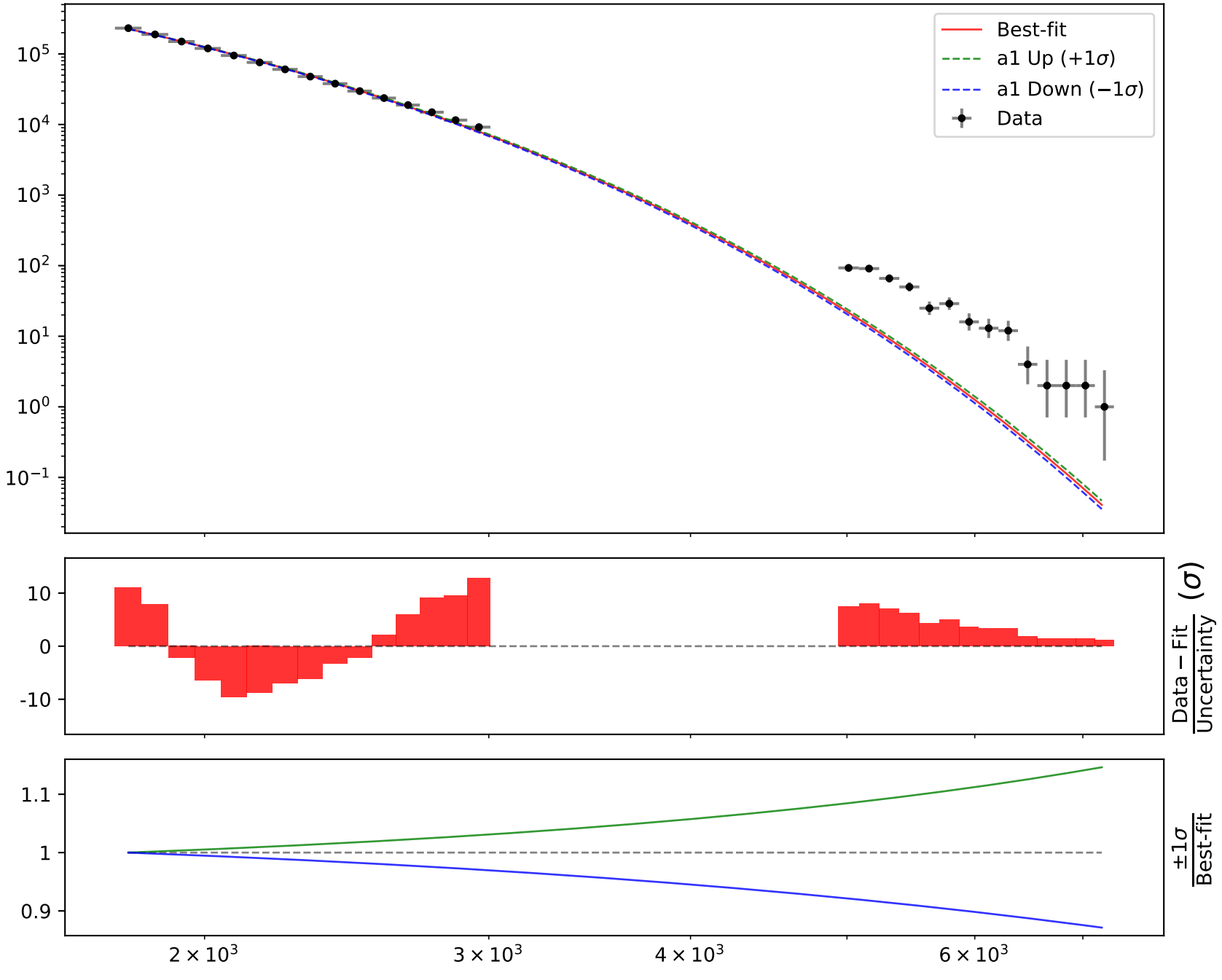
Candidate function #4

38458.1*(a1**(2*((x0 - 1794.0) * 0.000184332))*a2)

a1 = $0.000408371^{+2.9e-05(7.1\%)}_{-2.73e-05(6.68\%)}$, a2 = $5.88847^{+0.05371(0.912\%)}_{-0.05355(0.909\%)}$

Candidate #4

χ^2/NDF = 1178.0/27, RMSE = 1560.0, R2 = 0.9993



38458.1*(a1**(2*((x0 - 1794.0) * 0.000184332))*a2)

$a1 = 0.000408371^{+2.9e-05(7.1\%)}_{-2.73e-05(6.68\%)}$, $\mathbf{a2 = 5.88847^{+0.05371(0.912\%)}_{-0.05355(0.909\%)}}$

Candidate #4

χ^2/NDF = 1178.0/27, RMSE = 1560.0, R2 = 0.9993

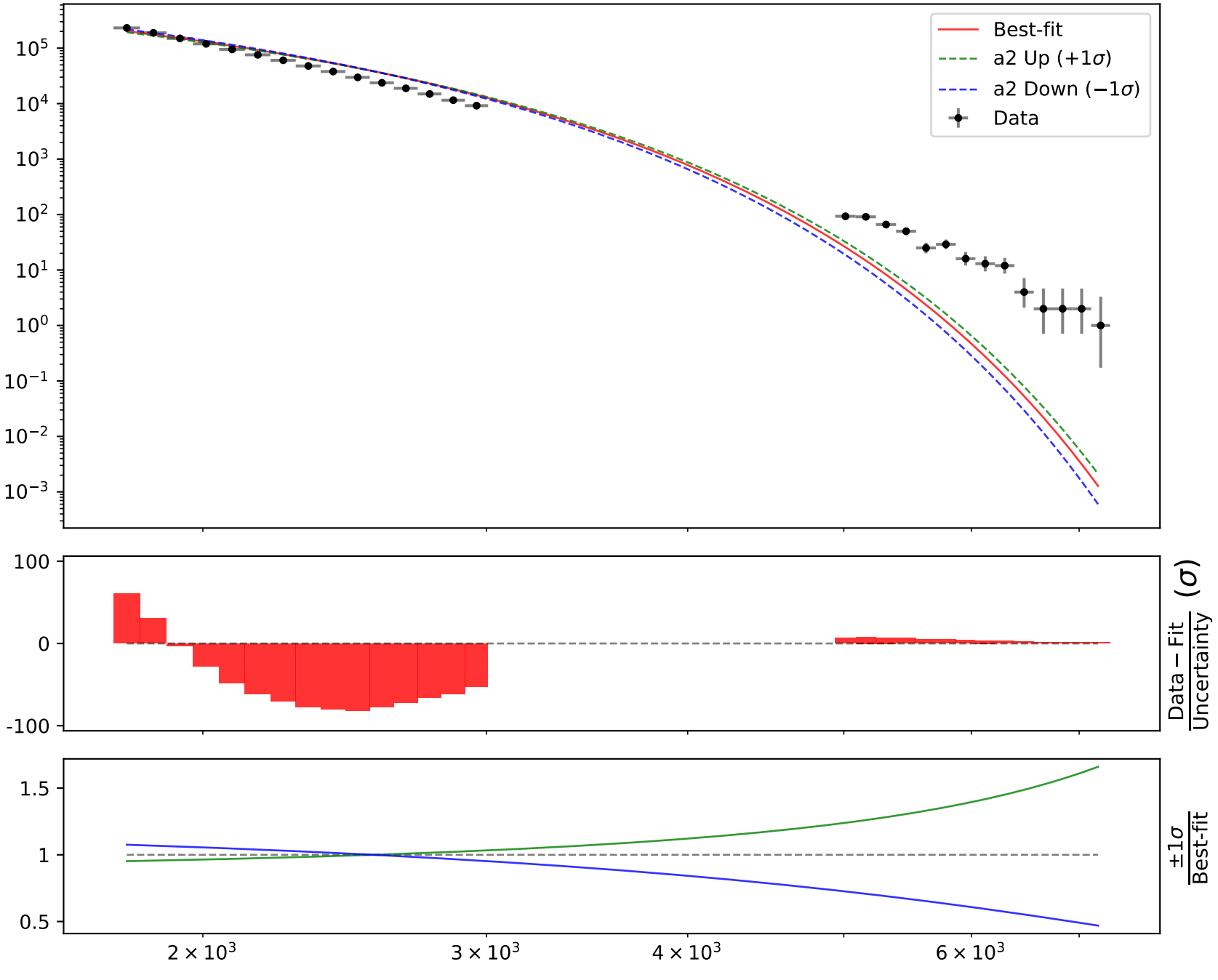
Candidate function #3

38458.1*(a2**(a1 + exp(((x0 - 1794.0) * 0.000184332))))

$a1 = -1.15$, $\mathbf{a2 = 1.547e-05^{+5.96e-06(38.5\%)}_{-5.96e-06(38.5\%)}}$

Candidate #3

χ^2/NDF = 58070.0/28, RMSE = 10270.0, R2 = 0.9716



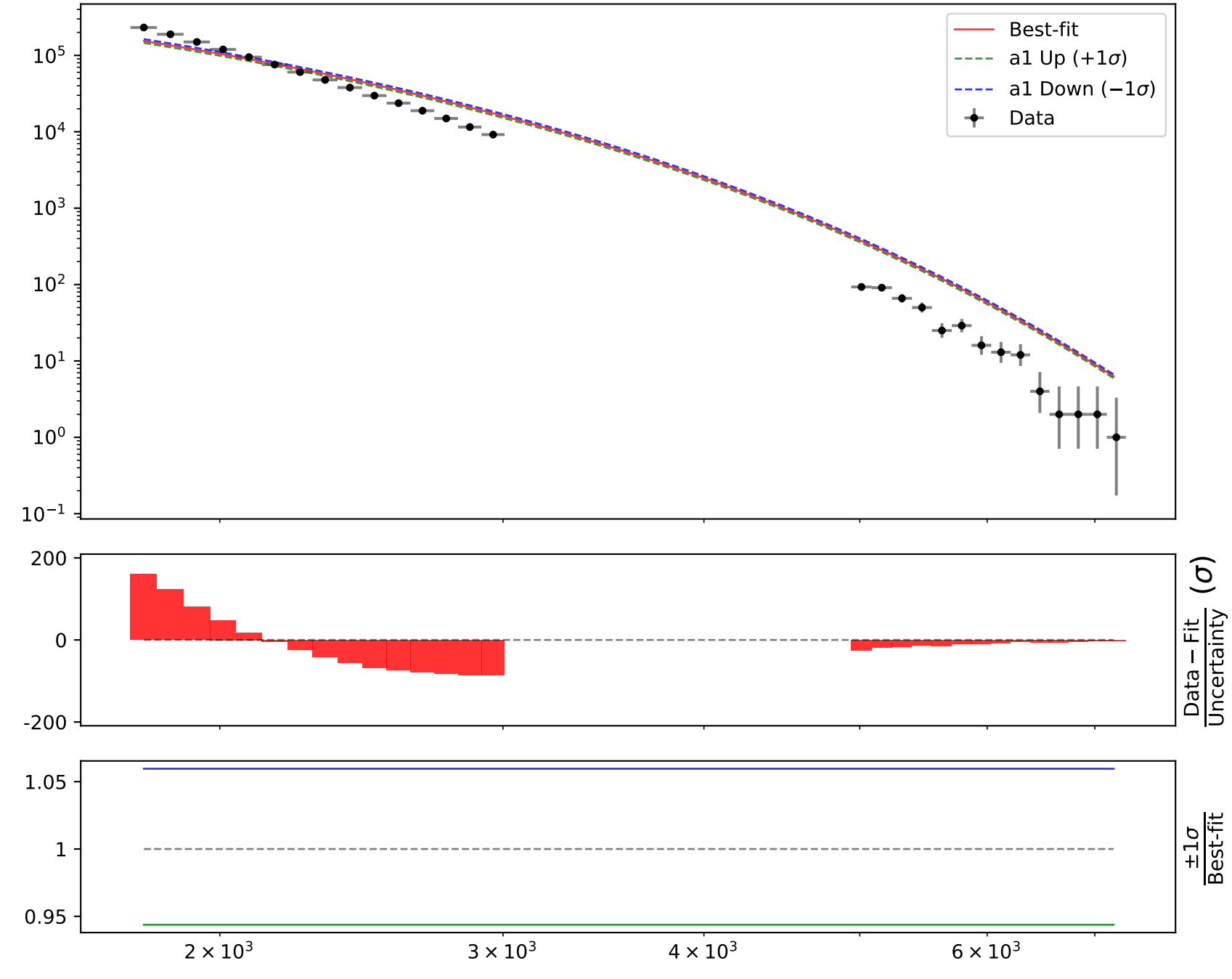
Candidate function #2

38458.1*(a2**(a1 + ((x0 - 1794.0) * 0.000184332)))

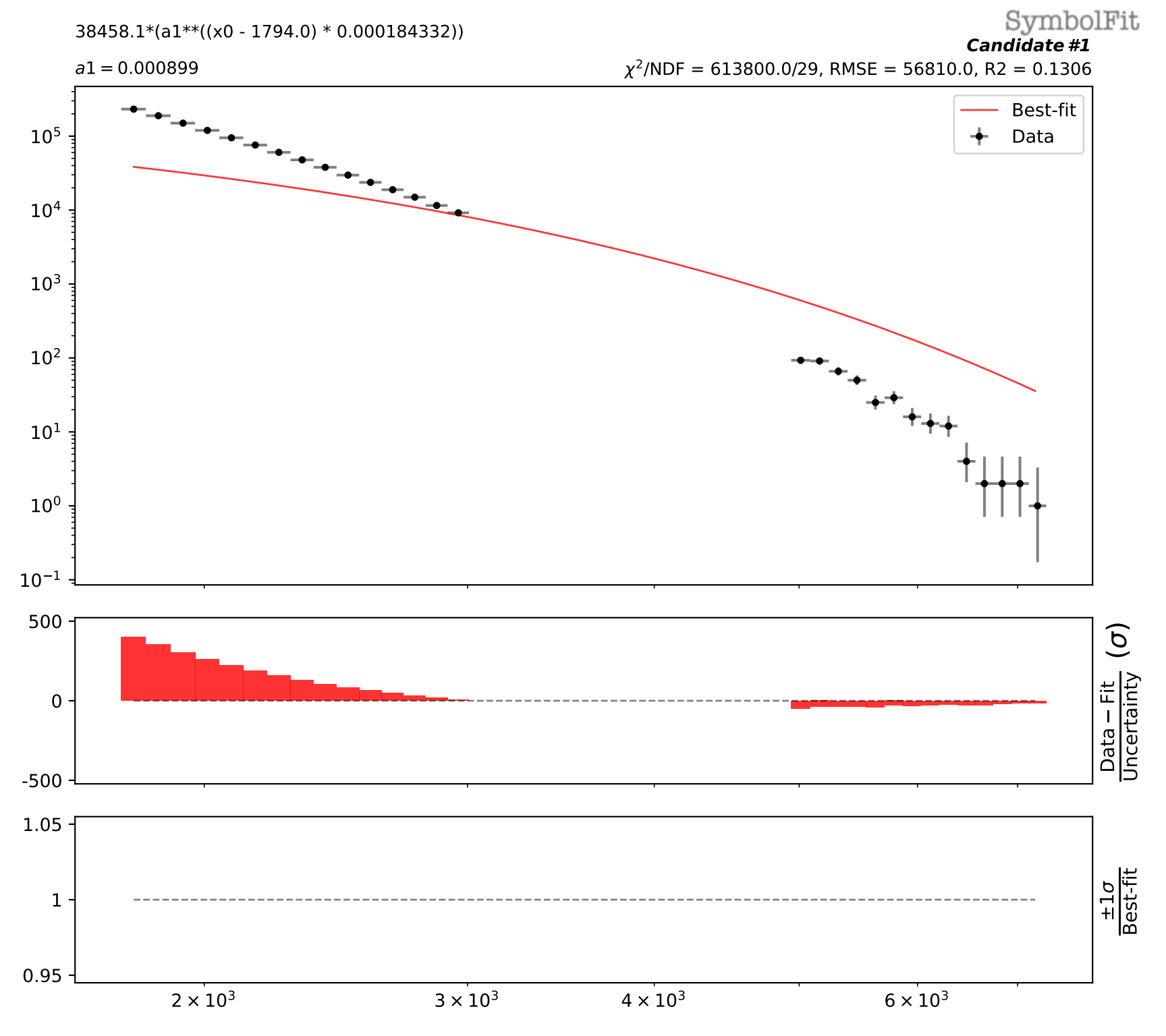
a1 = $-0.136755^{+0.0057(4.17\%)}_{-0.0057(4.17\%)}$, $a2 = 3.87e-05$

Candidate #2

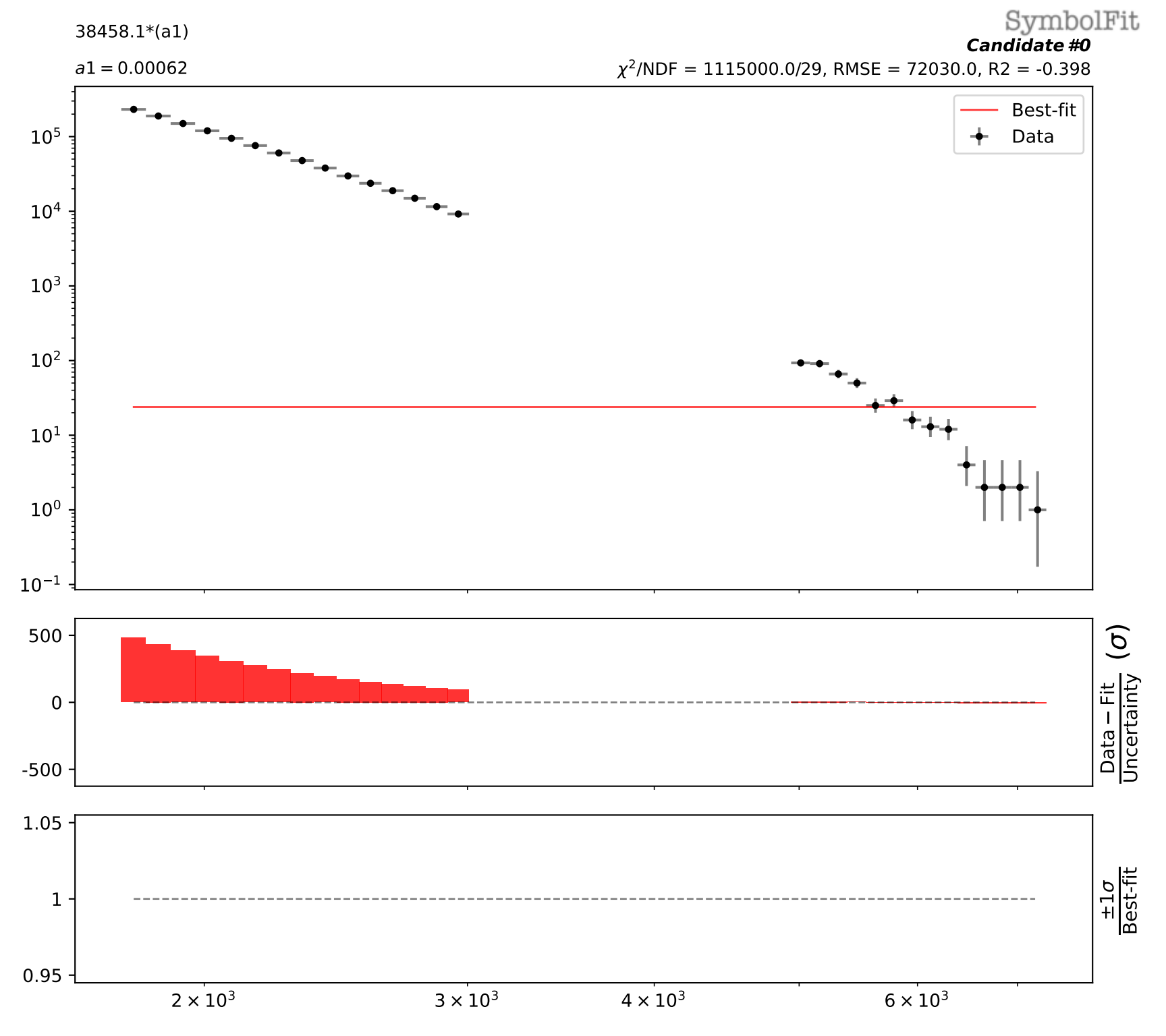
χ^2/NDF = 95440.0/28, RMSE = 19510.0, R2 = 0.8975



Candidate function #1


38458.1*(a1**((x0 - 1794.0) * 0.000184332))
a1 = 0.000899
SymbolFit
Candidate #1
χ²/NDF = 613800.0/29, RMSE = 56810.0, R2 = 0.1306
Best-fit
Data
10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
500
0
-500
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
2 × 10³
3 × 10³
4 × 10³
6 × 10³

Candidate function #0


38458.1*(a1)
a1 = 0.00062
SymbolFit
Candidate #0
χ²/NDF = 1115000.0/29, RMSE = 72030.0, R2 = -0.398
Best-fit
Data
10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
500
0
-500
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
2 × 10³
3 × 10³
4 × 10³
6 × 10³