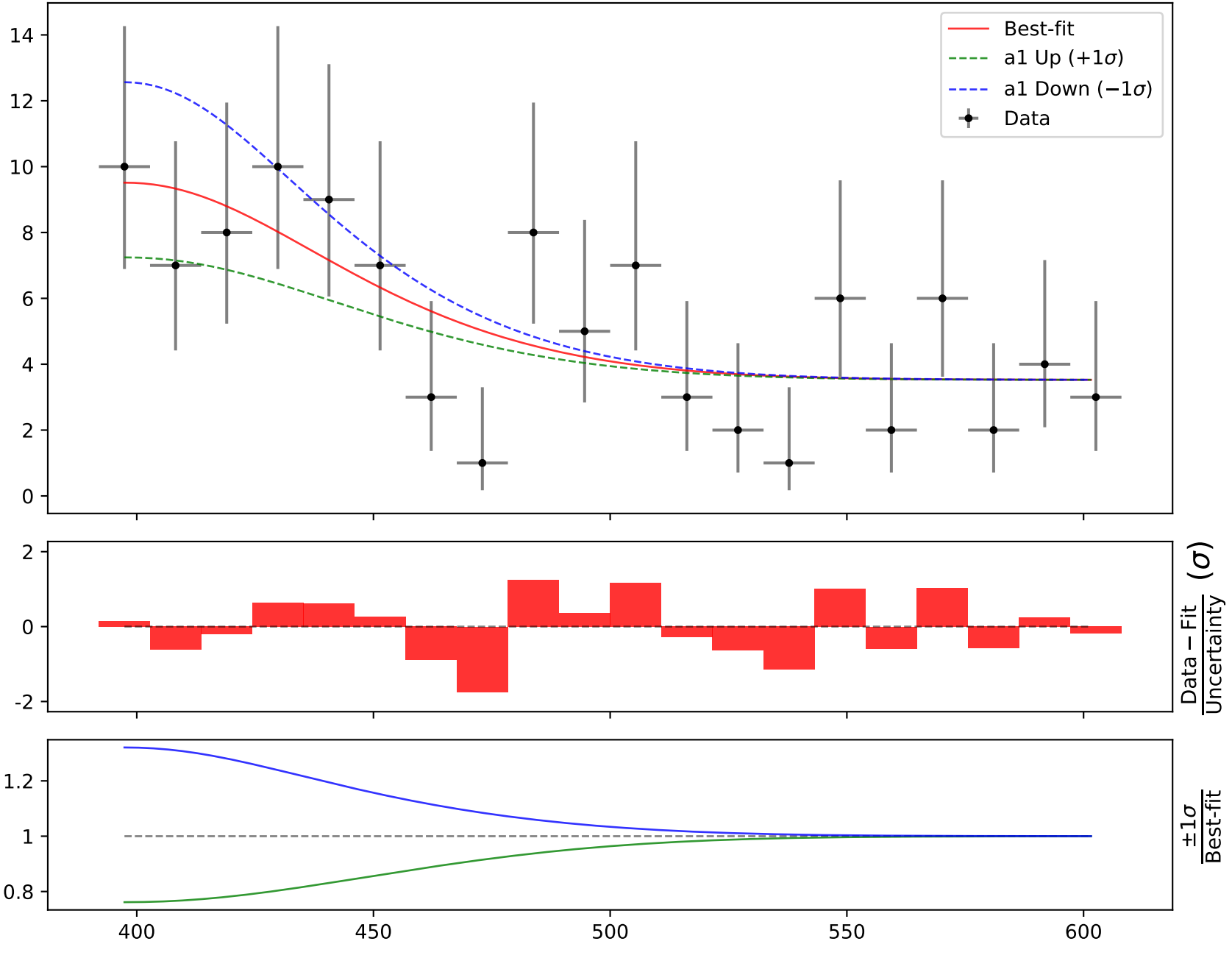
Candidate function #7

1.0*(a3/tanh(a1 + a4*((x0 - 397.4) * 0.00487329)**a2))

a1 = 0.389025$^{+0.1426(36.6\%)}_{-0.1008(25.9\%)}$, a2 = 2.08671$^{+0.7047(33.8\%)}_{-0.55(26.4\%)}$,
a3 = 3.52481$^{+0.6914(19.6\%)}_{-0.698(19.8\%)}$, *a4* = 3.88

Candidate #7

χ^2/NDF = 12.88/17, RMSE = 2.076, R2 = 0.4907

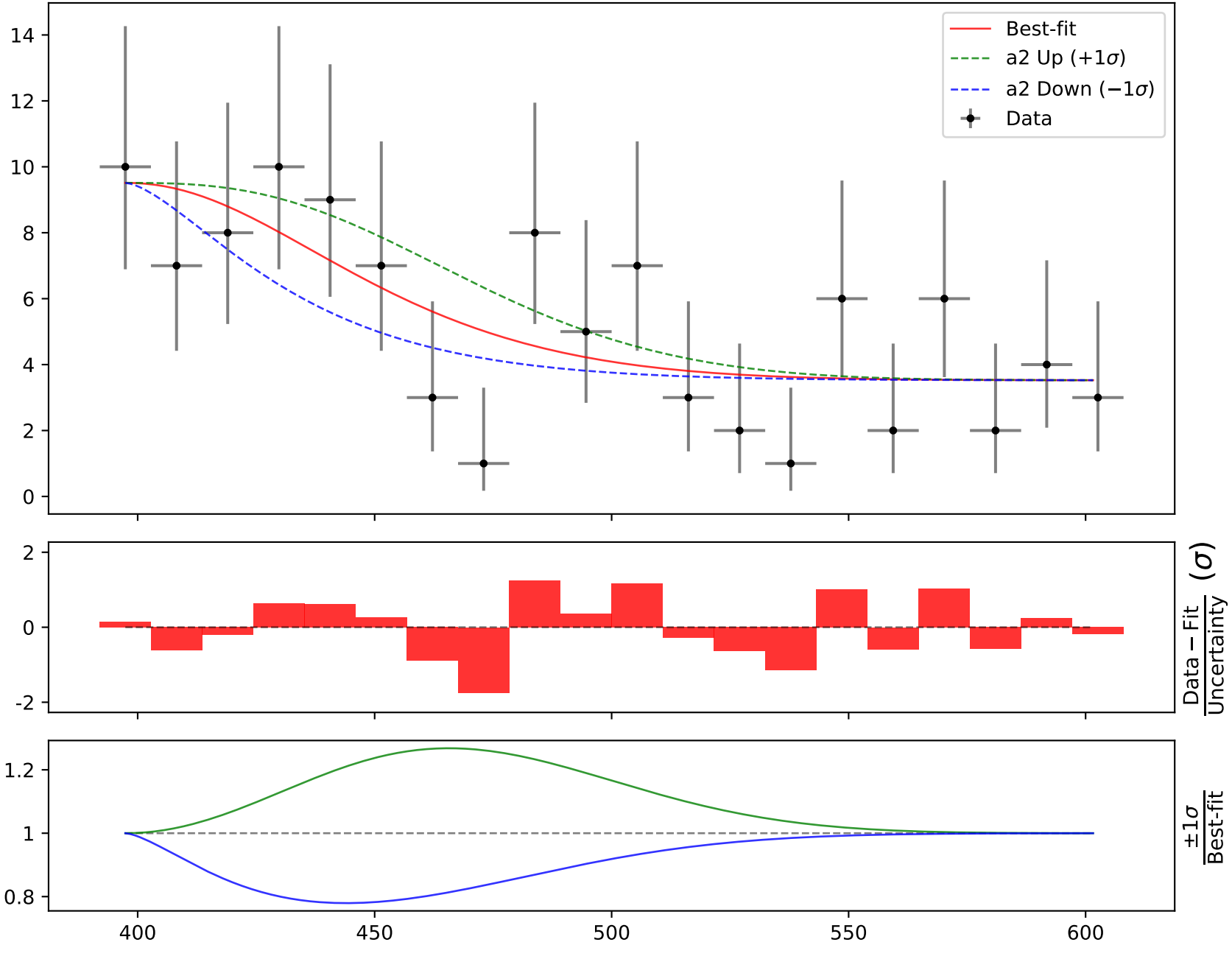


1.0*(a3/tanh(a1 + a4*((x0 - 397.4) * 0.00487329)**a2))

$a1 = 0.389025^{+0.1426(36.6\%)}_{-0.1008(25.9\%)}$, **$a2 = 2.08671^{+0.7047(33.8\%)}_{-0.55(26.4\%)}$**,
$a3 = 3.52481^{+0.6914(19.6\%)}_{-0.698(19.8\%)}$, $a4 = 3.88$

Candidate #7

χ^2/NDF = 12.88/17, RMSE = 2.076, R2 = 0.4907



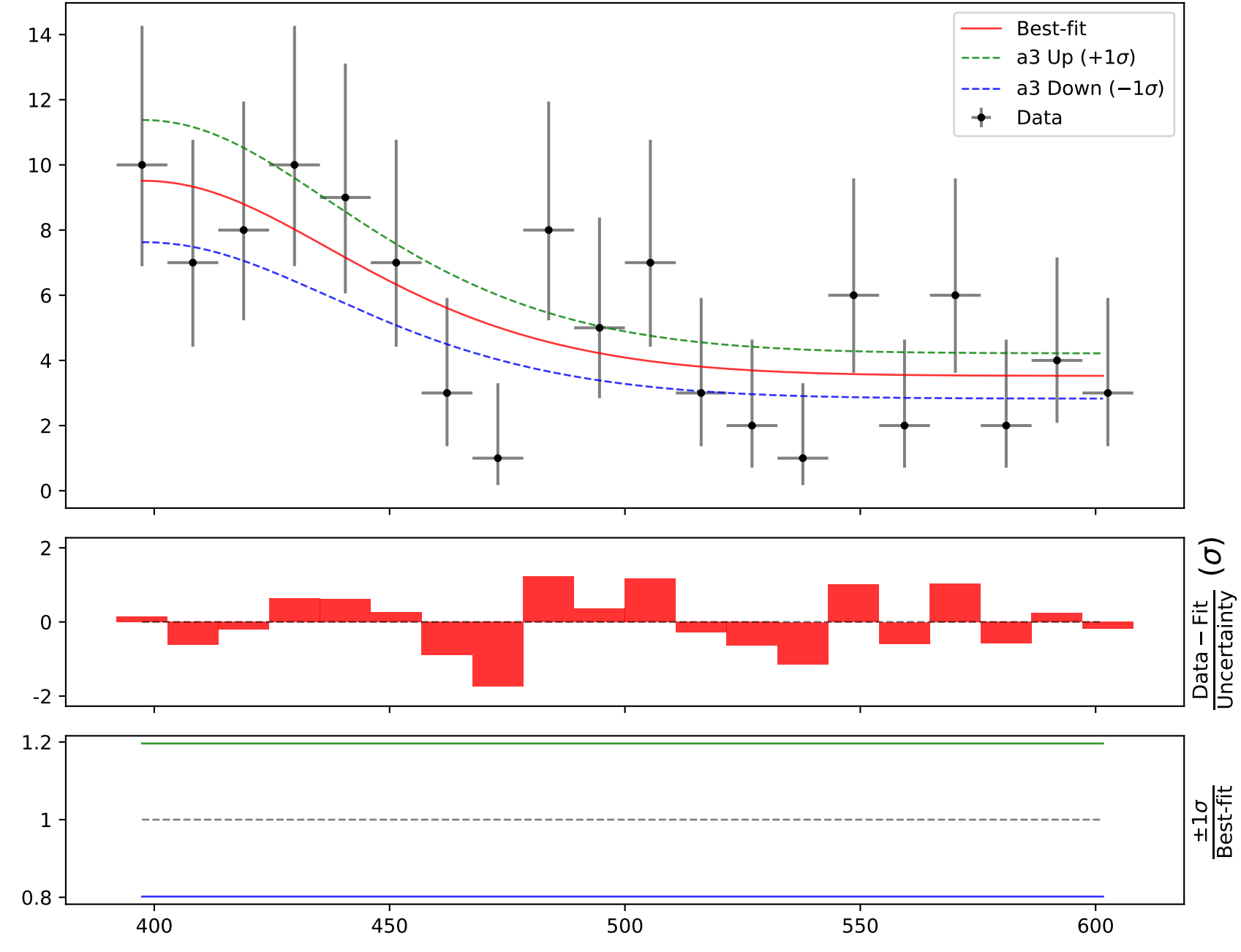
1.0*(a3/tanh(a1 + a4*((x0 - 397.4) * 0.00487329)**a2))

$a1 = 0.389025^{+0.1426(36.6\%)}_{-0.1008(25.9\%)}$, $a2 = 2.08671^{+0.7047(33.8\%)}_{-0.55(26.4\%)}$,

$a3 = 3.52481^{+0.6914(19.6\%)}_{-0.698(19.8\%)}$, $a4 = 3.88$

Candidate #7

χ^2/NDF = 12.88/17, RMSE = 2.076, R2 = 0.4907



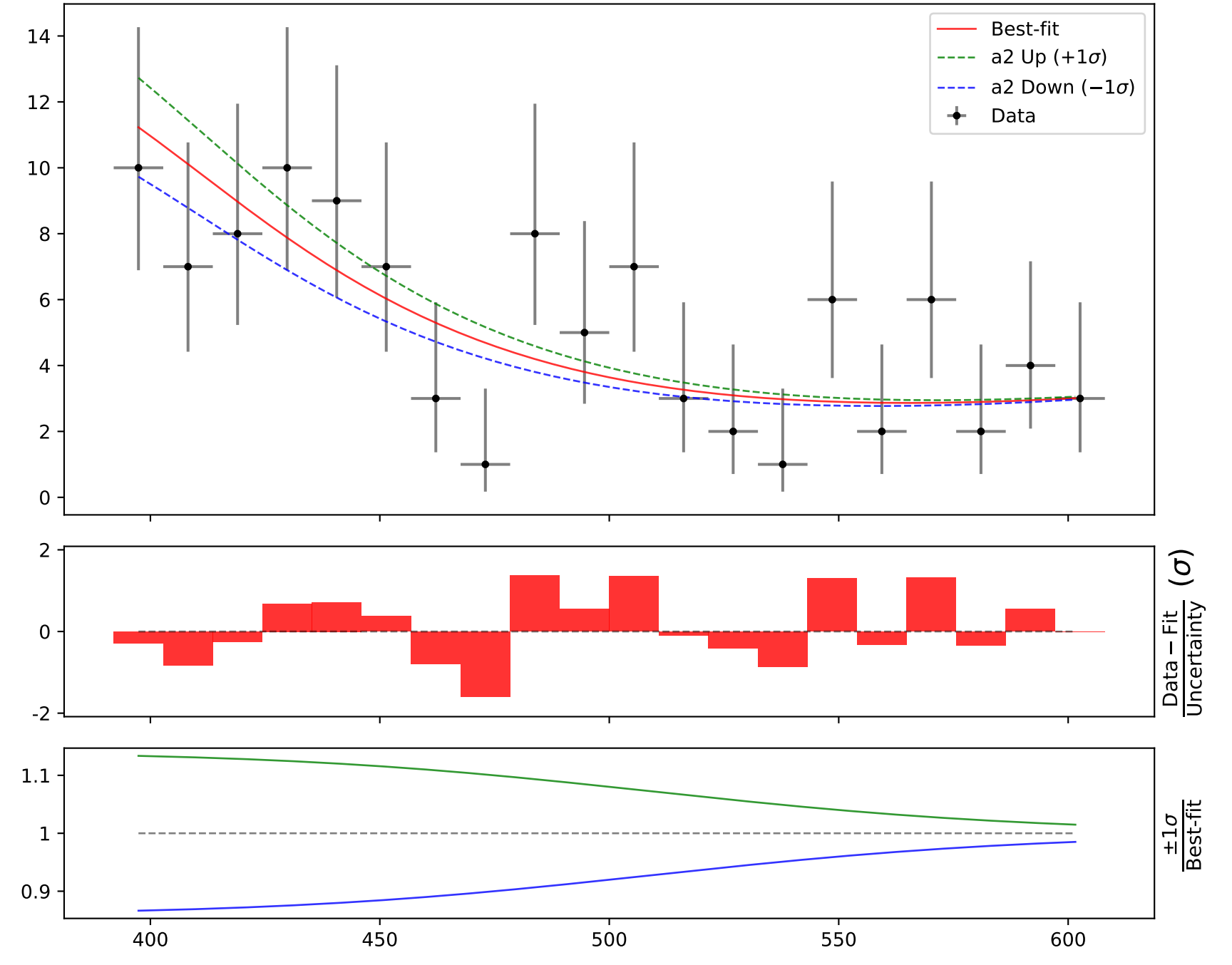
Candidate function #6

1.0*(a2*tanh(a1**((x0 - 397.4) * 0.00487329)) + exp(((x0 - 397.4) * 0.00487329)))

$a1 = 0.0223$, $\mathbf{a2 = 13.4315^{+1.97(14.7\%)}_{-1.97(14.7\%)}}$

Candidate #6

χ^2/NDF = 14.05/19, RMSE = 2.195, R2 = 0.4307



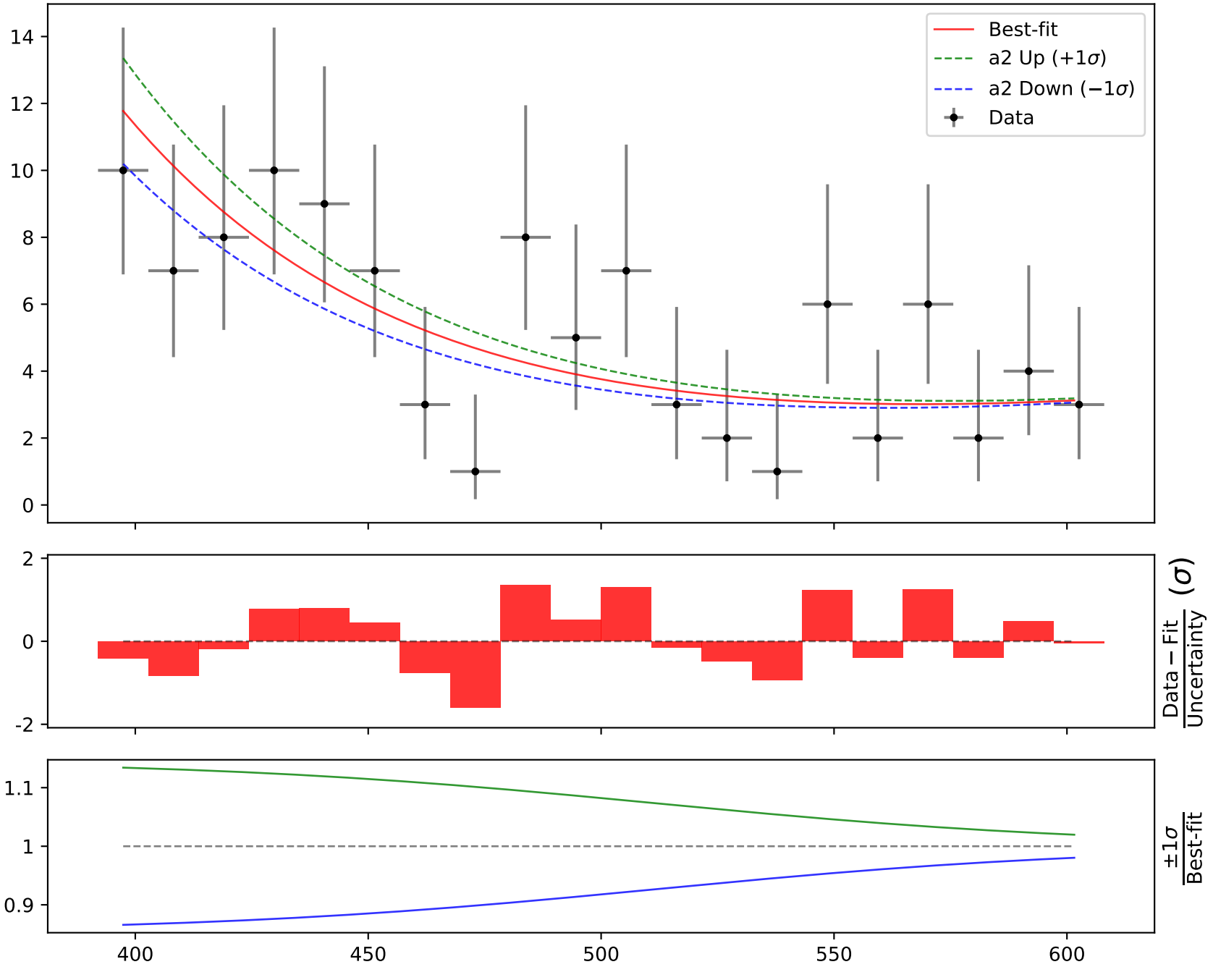
Candidate function #5

1.0*(a1**((x0 - 397.4) * 0.00487329)*a2 + exp(((x0 - 397.4) * 0.00487329)))

$a1 = 0.0383$, $\mathbf{a2 = 10.7749^{+1.58(14.7\%)}_{-1.58(14.7\%)}}$

Candidate #5

χ^2/NDF = 14.01/19, RMSE = 2.213, R2 = 0.4209



Candidate function #4

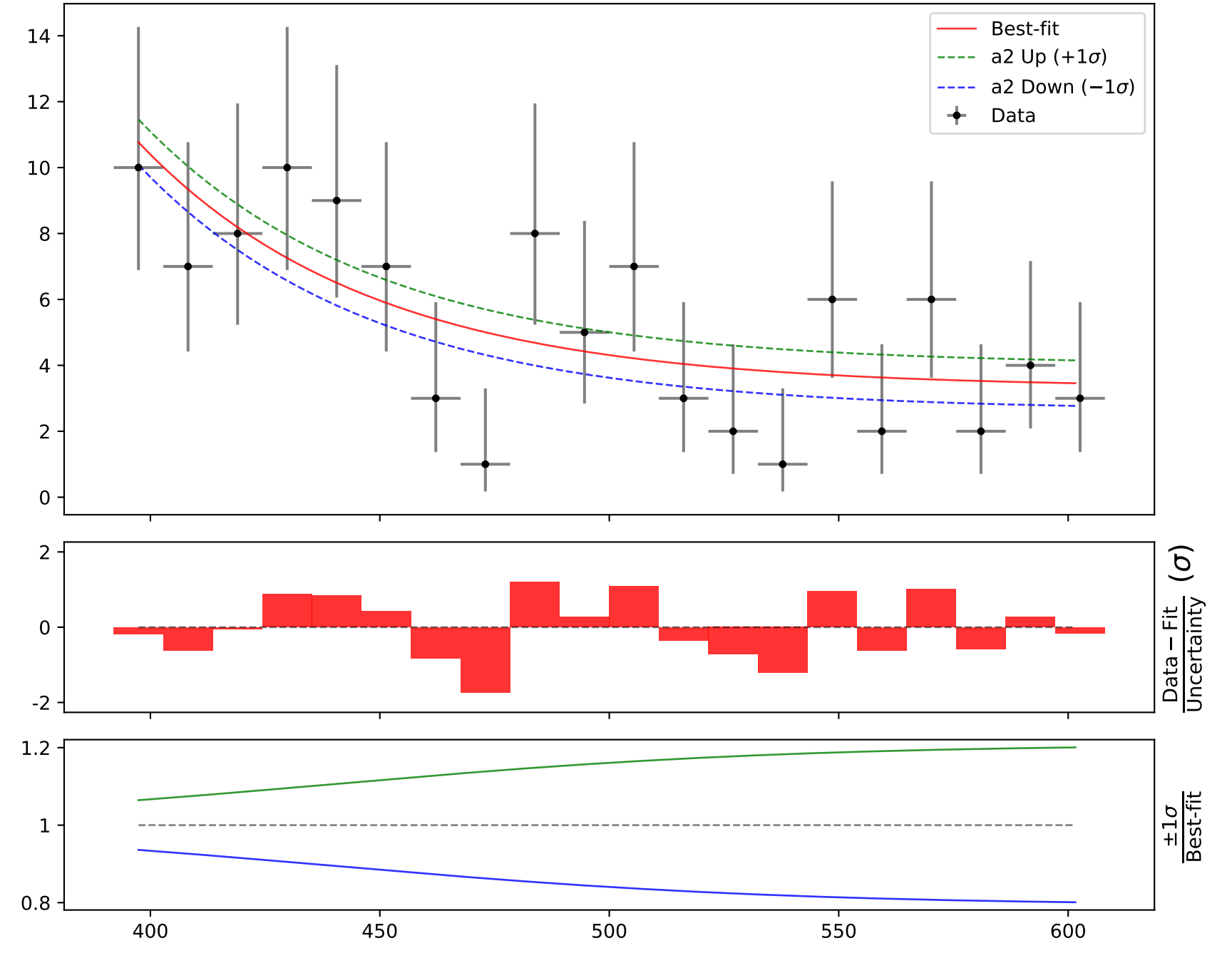
1.0*(a1**((x0 - 397.4) * 0.00487329)*a3 + a2)

$a1 = 0.0176$, $\mathbf{a2 = 3.32322^{+0.6936(20.9\%)}_{-0.6879(20.7\%)}}$,

$a3 = 7.44352^{+2.435(32.7\%)}_{-2.269(30.5\%)}$

Candidate #4

χ^2/NDF = 13.39/18, RMSE = 2.135, R2 = 0.4613



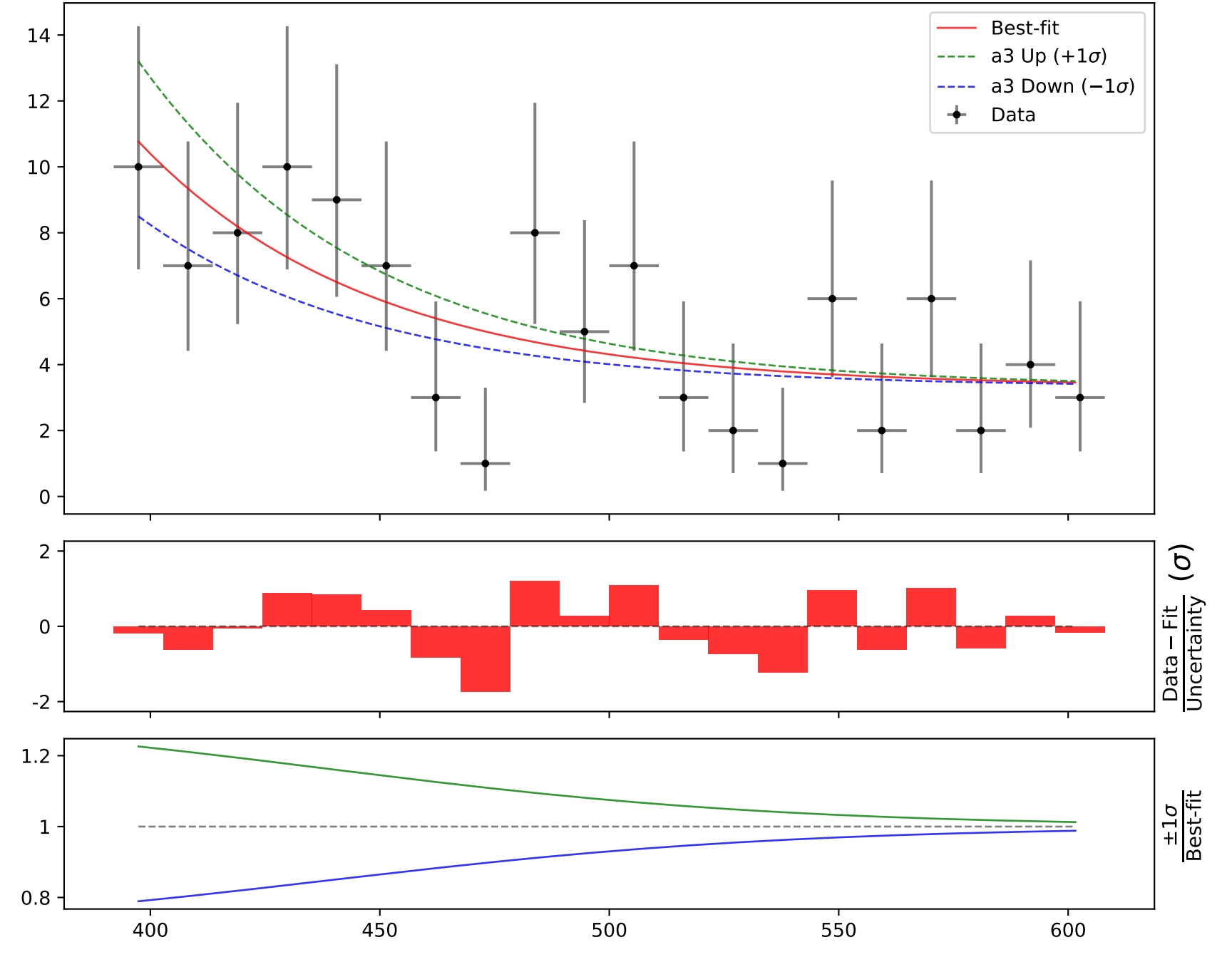
1.0*(a1**((x0 - 397.4) * 0.00487329)*a3 + a2)

$a1 = 0.0176$, $a2 = 3.32322^{+0.6936(20.9\%)}_{-0.6879(20.7\%)}$,

$a3 = 7.44352^{+2.435(32.7\%)}_{-2.269(30.5\%)}$

Candidate #4

χ^2/NDF = 13.39/18, RMSE = 2.135, R2 = 0.4613



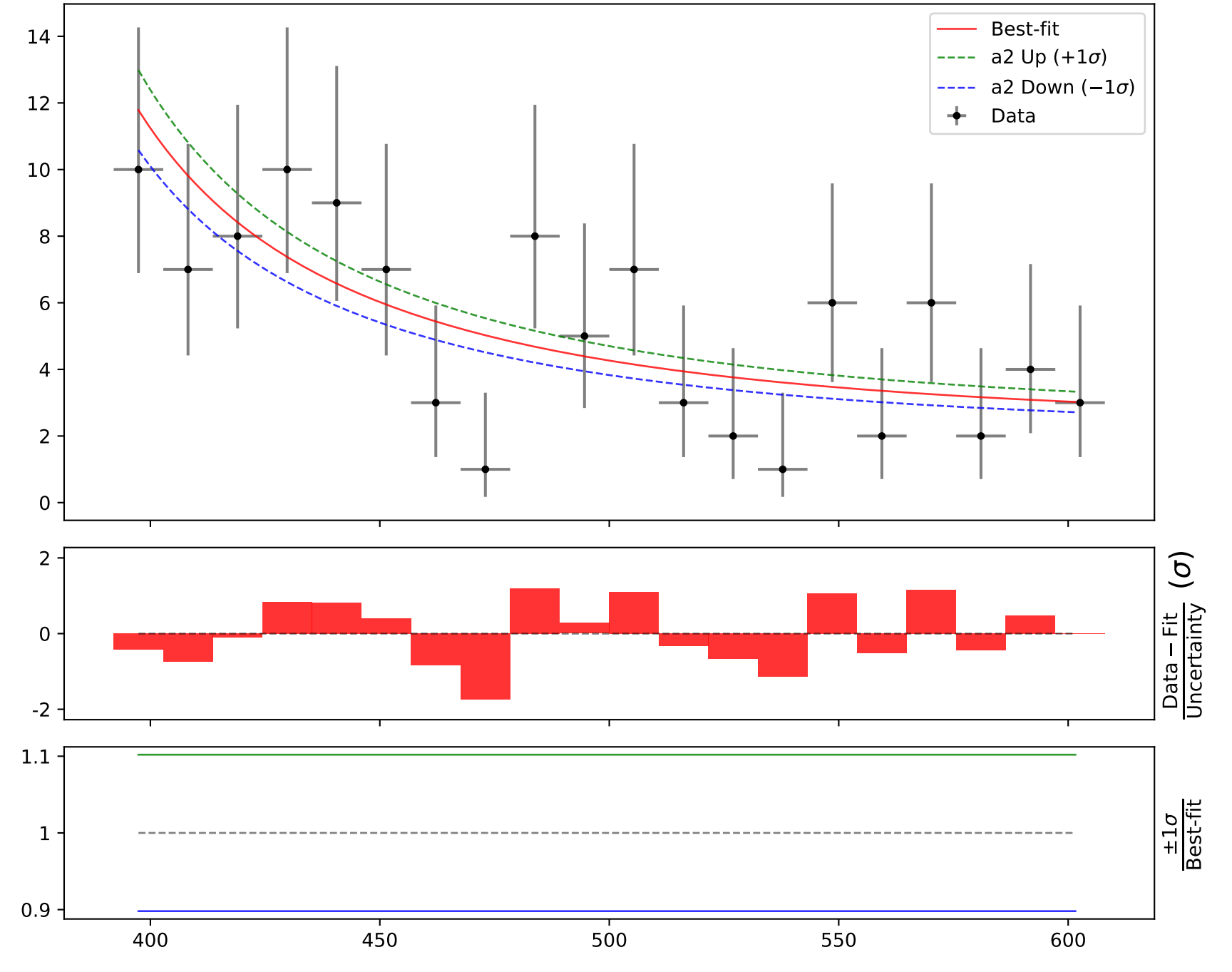
Candidate function #3

1.0*(a2/(a1 + tanh(((x0 - 397.4) * 0.00487329))))

$a1 = 0.262$, $\mathbf{a2 = 3.08761^{+0.315(10.2\%)}_{-0.315(10.2\%)}}$

Candidate #3

χ^2/NDF = 13.78/19, RMSE = 2.186, R2 = 0.4352



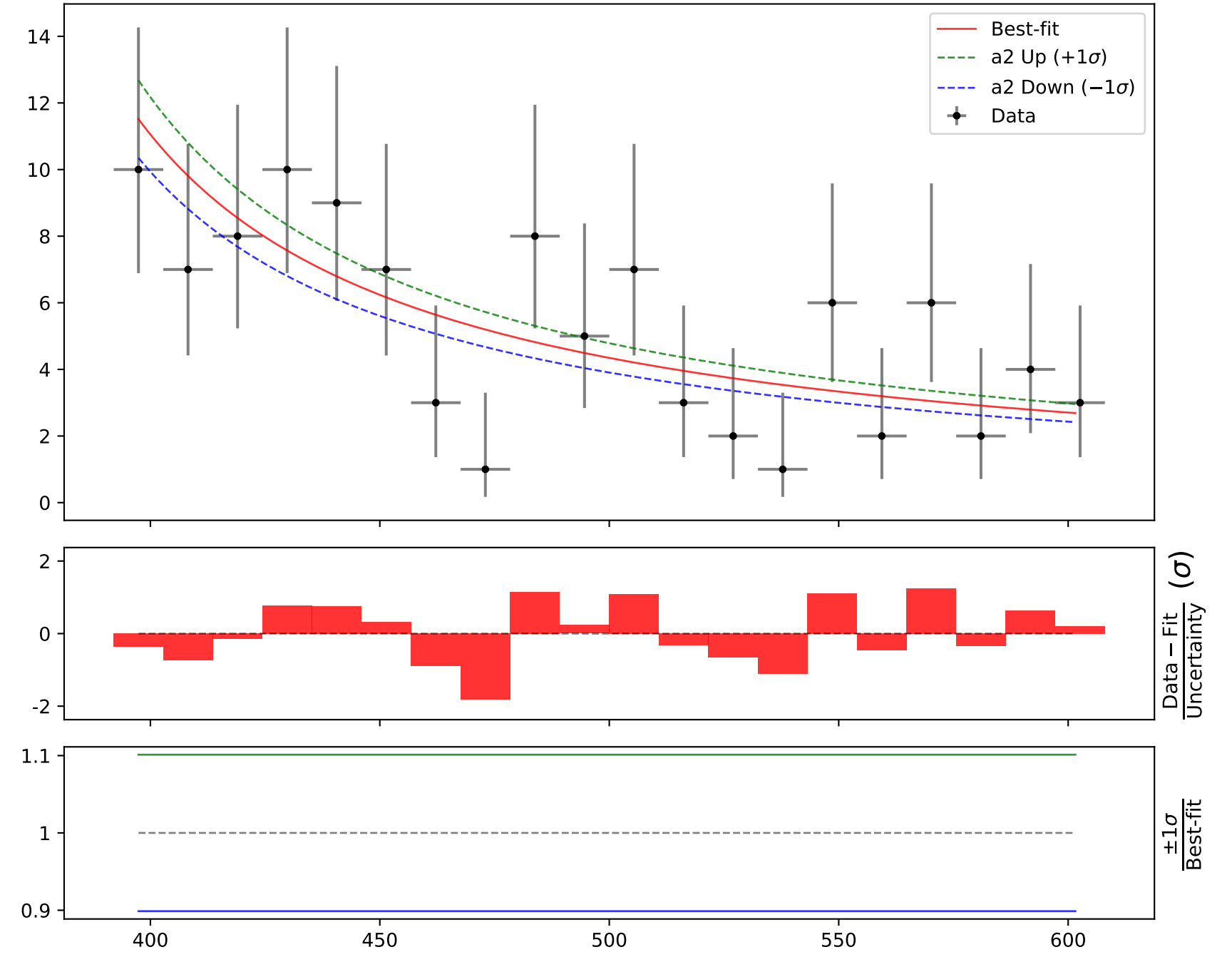
Candidate function #2

1.0*(a2/(a1 + ((x0 - 397.4) * 0.00487329)))

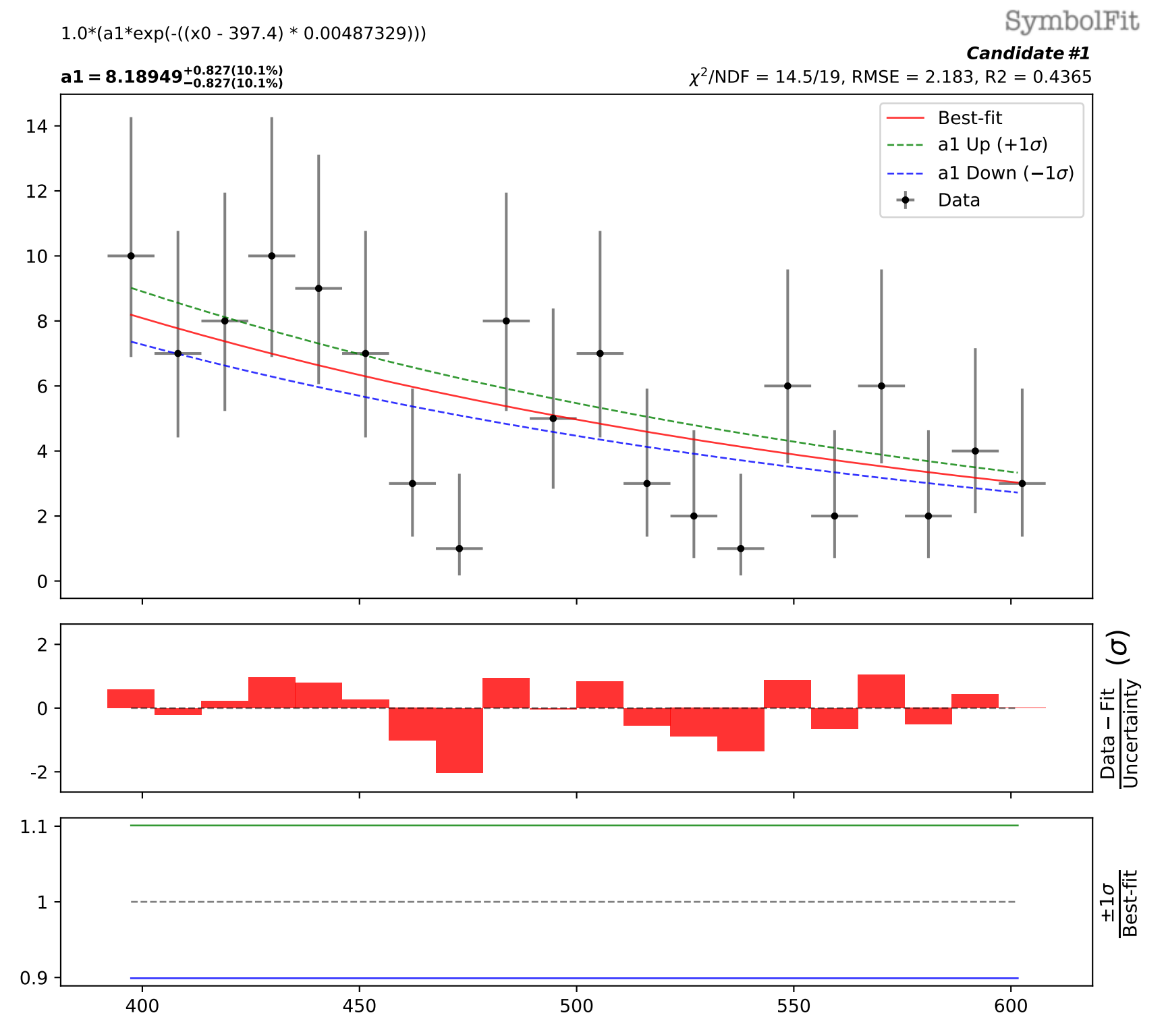
$a1 = 0.303$, $\mathbf{a2 = 3.48871^{+0.353(10.1\%)}_{-0.353(10.1\%)}}$

Candidate #2

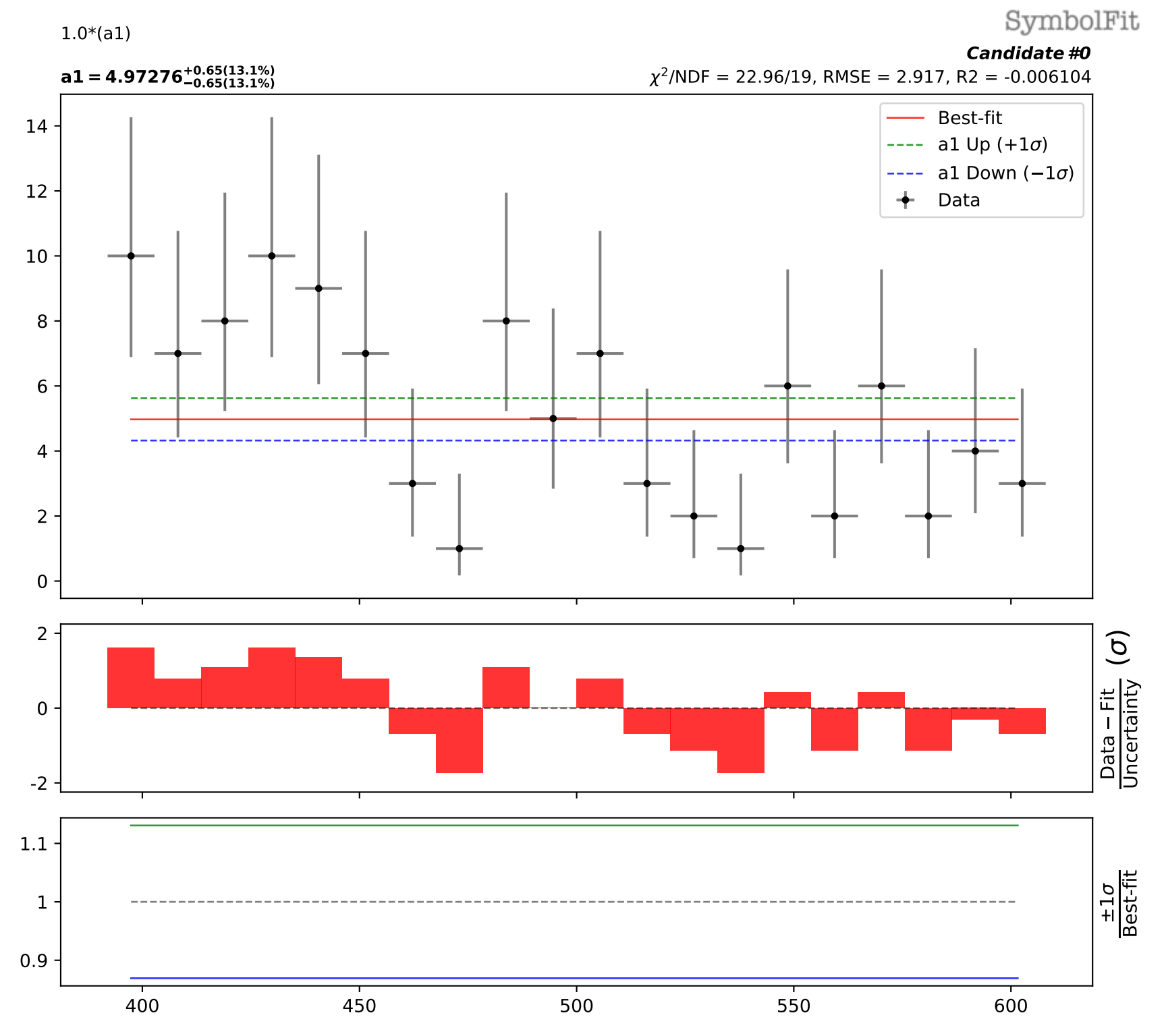
χ^2/NDF = 13.96/19, RMSE = 2.175, R2 = 0.4409



Candidate function #1


1.0*(a1*exp(-((x0 - 397.4) * 0.00487329)))
SymbolFit
Candidate #1
a1 = 8.18949 +0.827(10.1%) −0.827(10.1%)
χ²/NDF = 14.5/19, RMSE = 2.183, R2 = 0.4365
Best-fit
a1 Up (+1σ)
a1 Down (−1σ)
Data
Data − Fit / Uncertainty (σ)
±1σ / Best-fit

Candidate function #0


SymbolFit
1.0*(a1)
Candidate #0
a1 = 4.97276 +0.65(13.1%) −0.65(13.1%)
χ²/NDF = 22.96/19, RMSE = 2.917, R2 = -0.006104
Best-fit
a1 Up (+1σ)
a1 Down (−1σ)
Data
Data − Fit / Uncertainty (σ)
±1σ / Best-fit