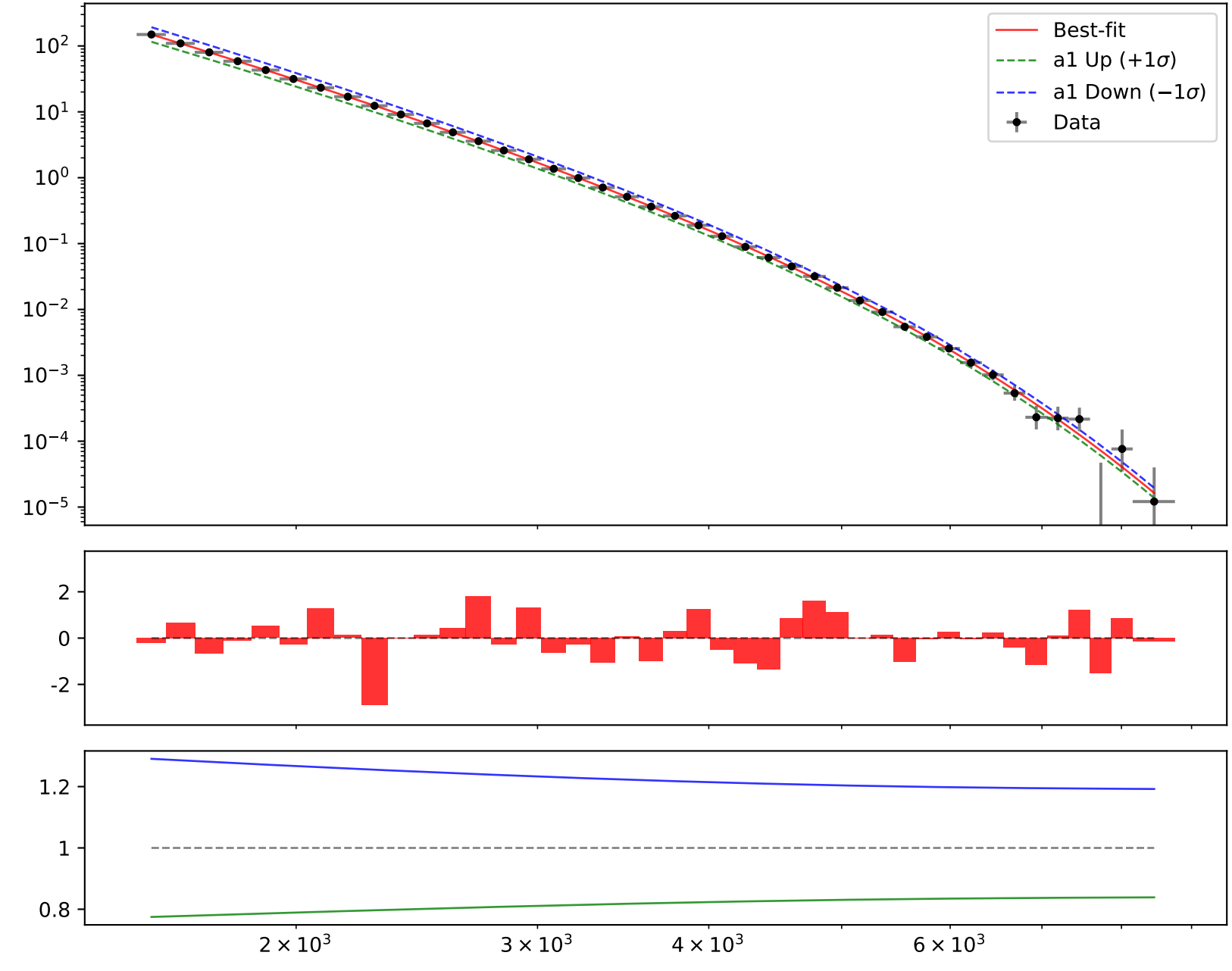
Candidate function #14

1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

a1 = $-1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, a2 = $0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
a3 = $0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, a4 = $2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
a5 = $4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

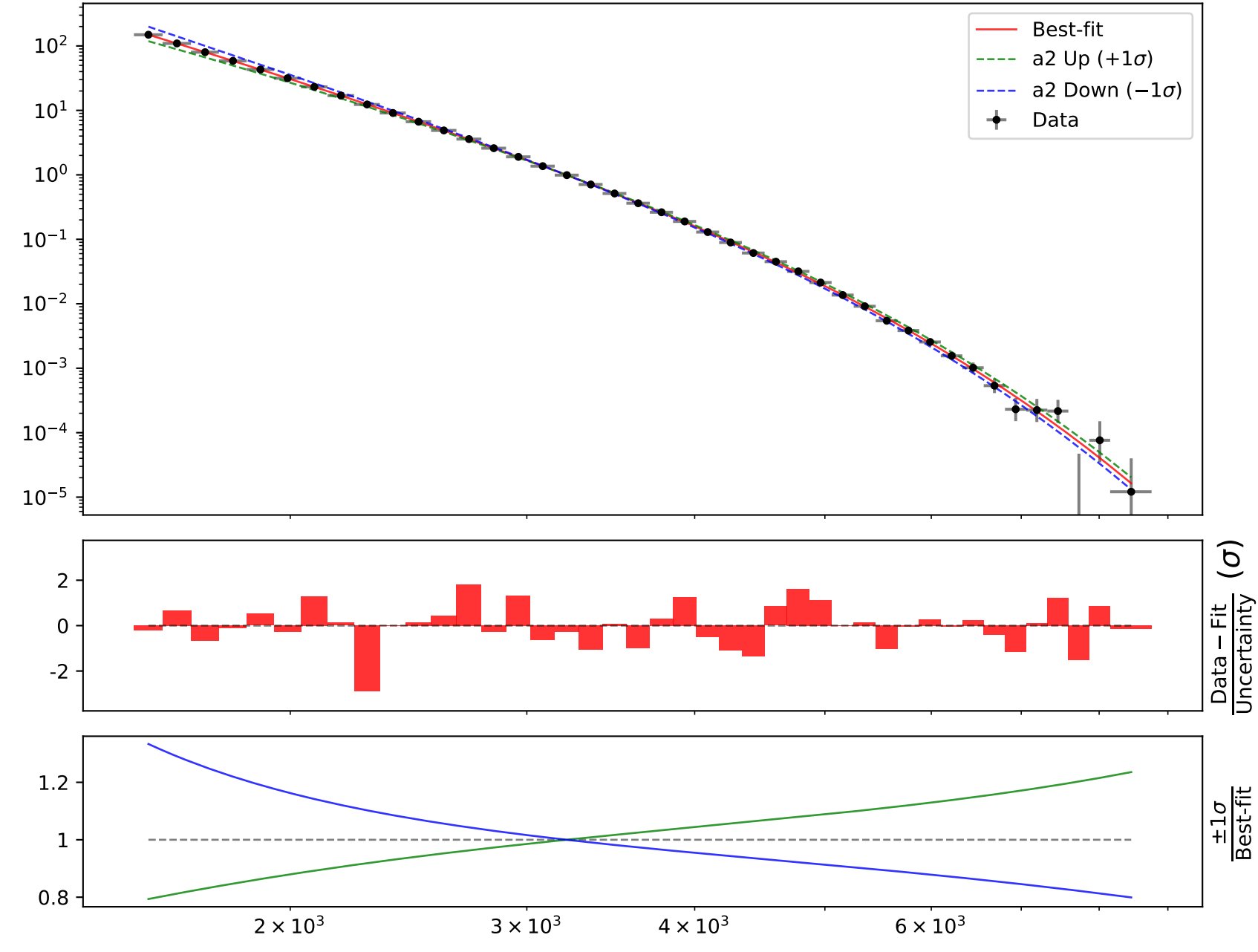


1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $\mathbf{a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

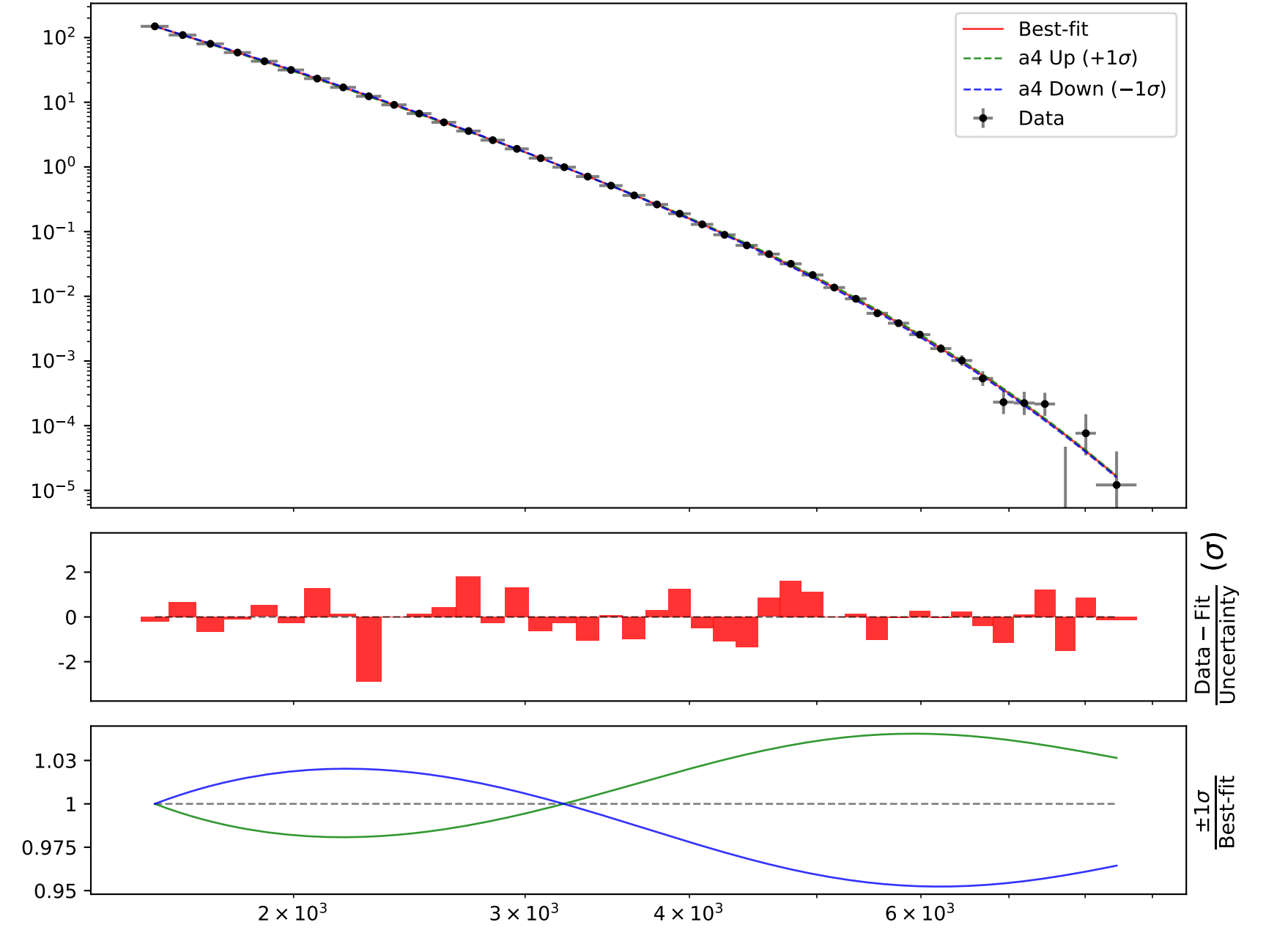
χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, **$a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$**,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

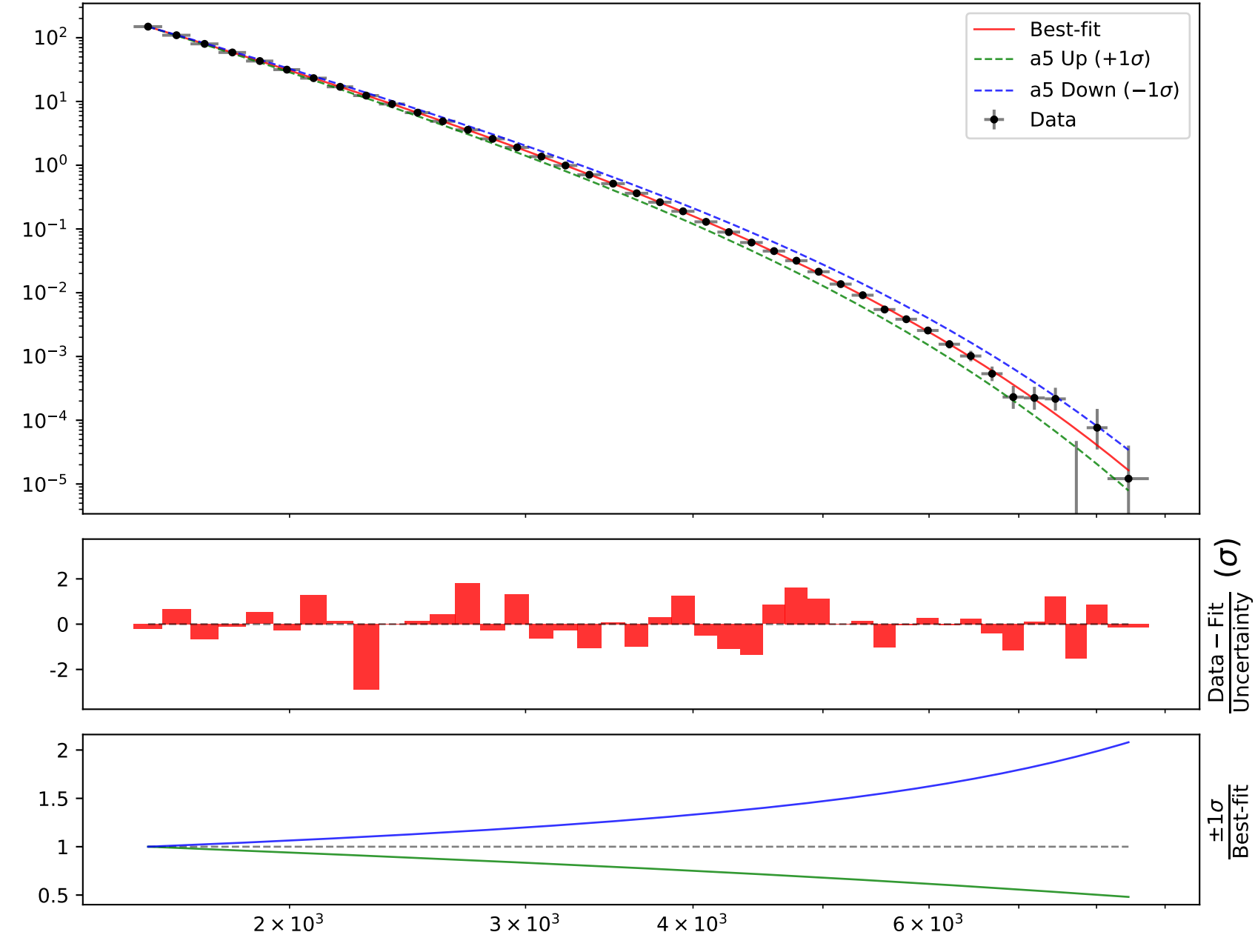


1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



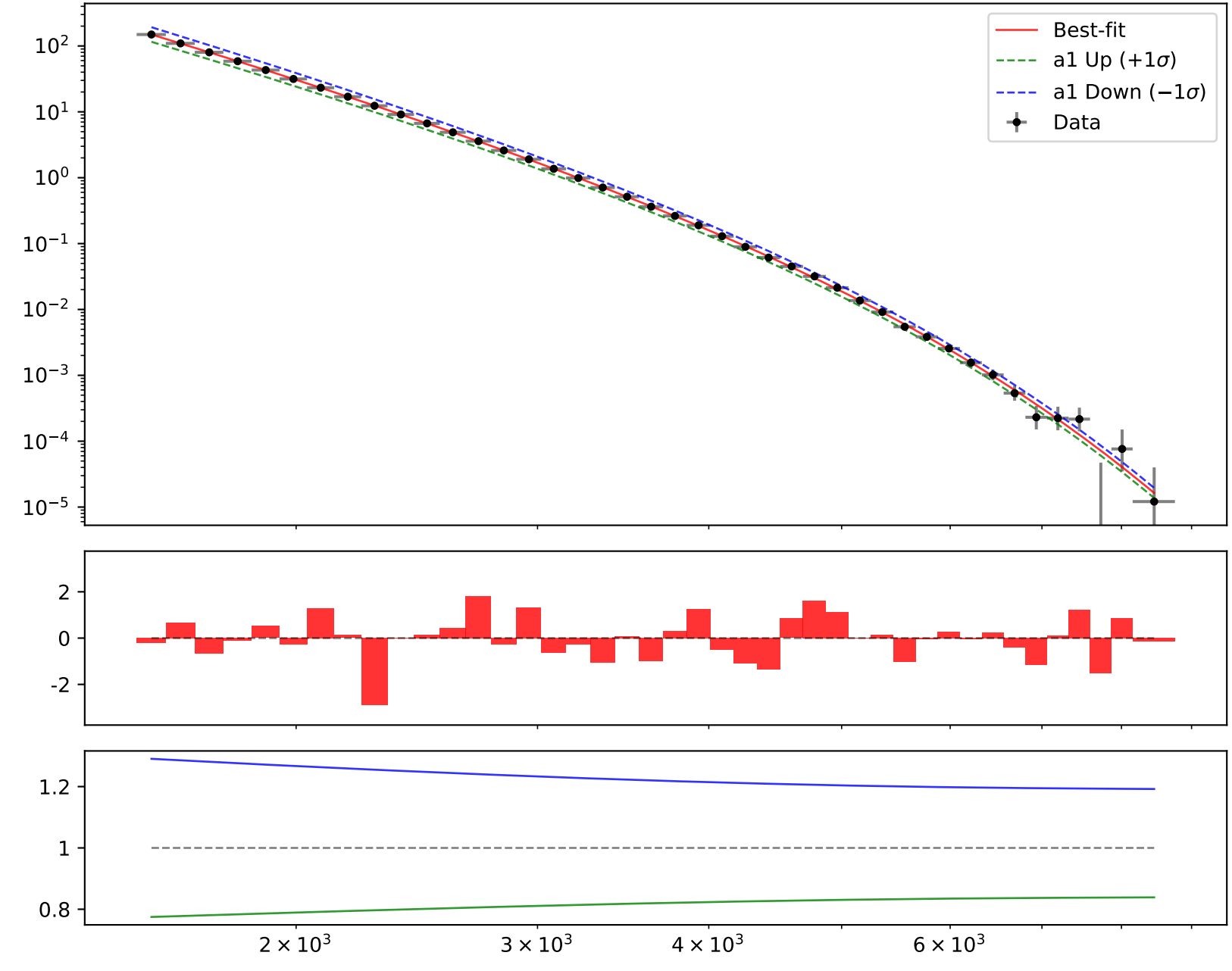
Candidate function #13

1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

a1 = $-1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, a2 = $0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
a3 = $0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, a4 = $2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
a5 = $4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

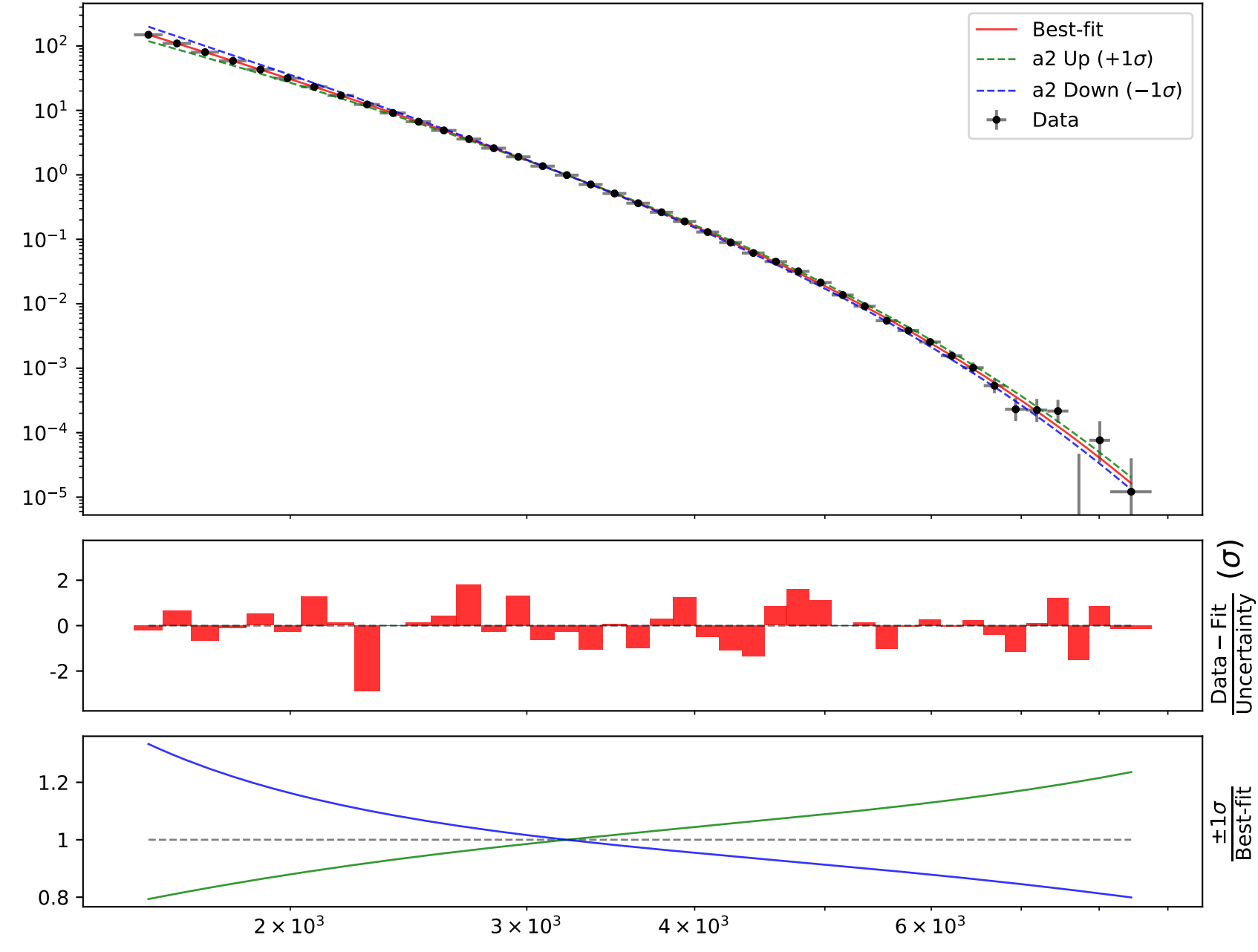


1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $\mathbf{a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

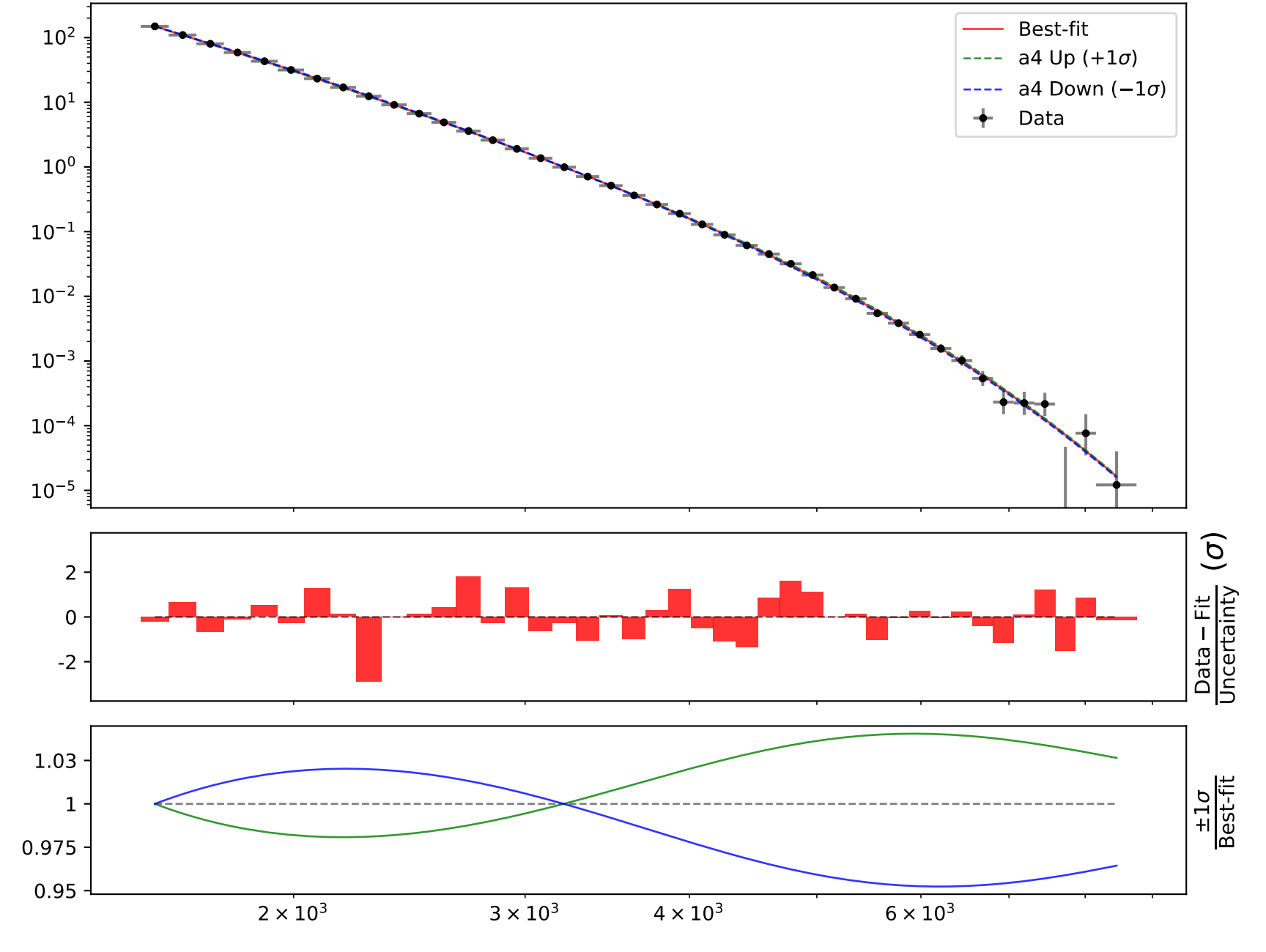
χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, **$a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$**,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0

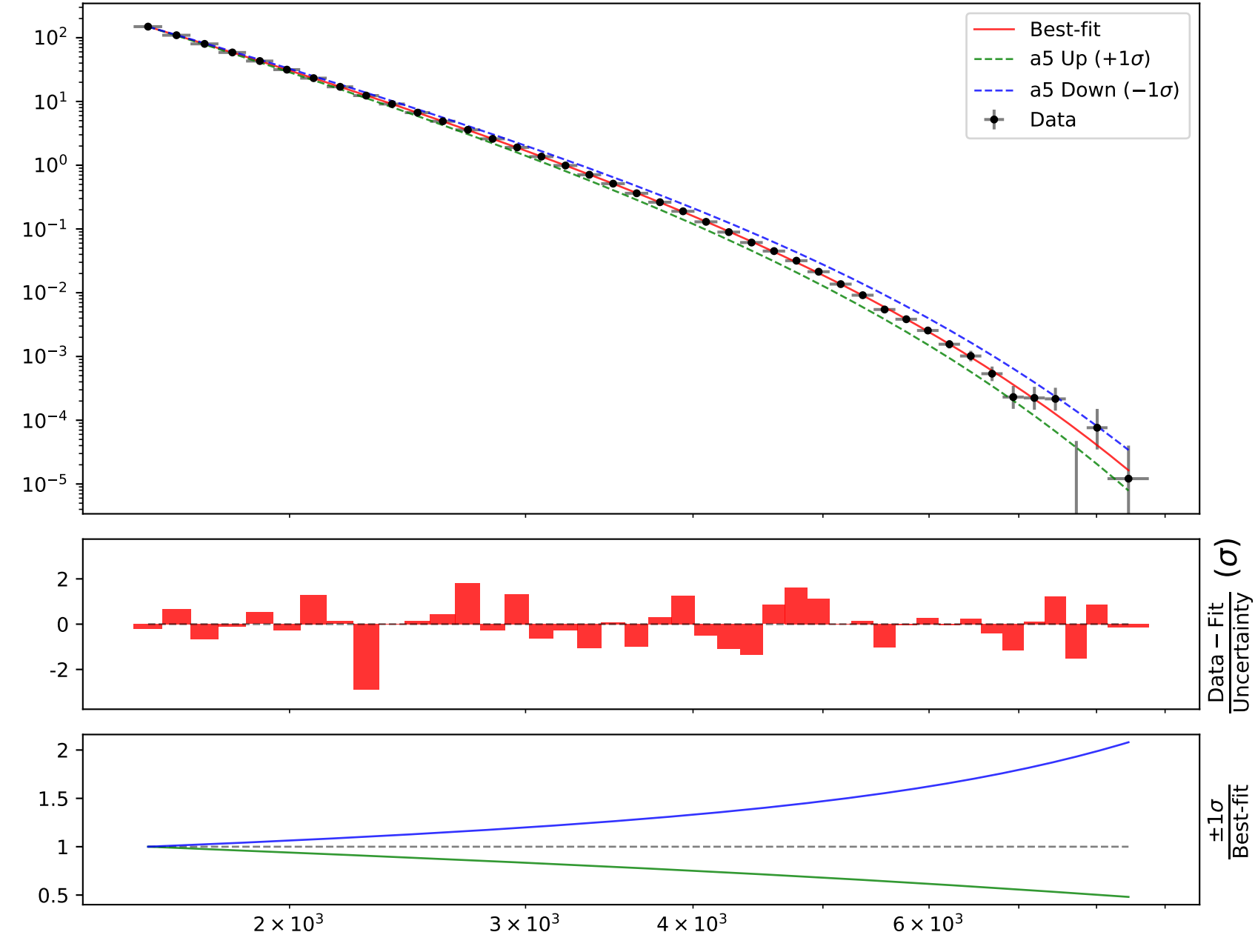


1.0*((a2 + a3*tanh(a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



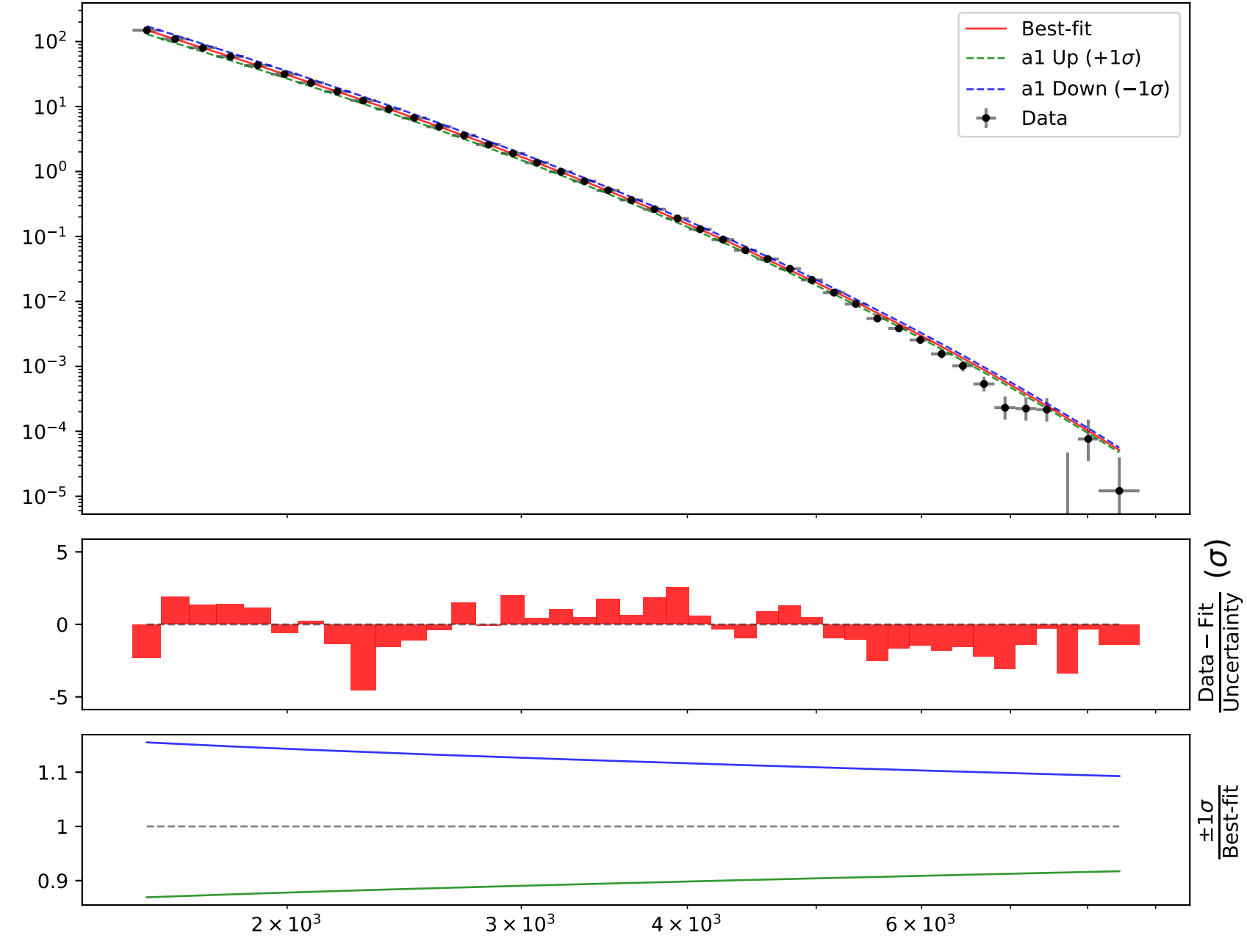
Candidate function #12

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

a1 = $-0.866921^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, a2 = $0.00309996^{+0.0005455(17.6\%)}_{-0.0004764(15.4\%)}$,
a3 = $0.0254739^{+0.003365(13.2\%)}_{-0.00308(12.1\%)}$, a4 = $3.64451^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #12

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0



1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866921^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, **$a2 = 0.00309996^{+0.0005455(17.6\%)}_{-0.0004764(15.4\%)}$**,
$a3 = 0.0254739^{+0.003365(13.2\%)}_{-0.00308(12.1\%)}$, $a4 = 3.64451^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #12

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866921^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309996^{+0.0005455(17.6\%)}_{-0.0004764(15.4\%)}$,
$a3 = 0.0254739^{+0.003365(13.2\%)}_{-0.00308(12.1\%)}$, $a4 = 3.64451^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #12

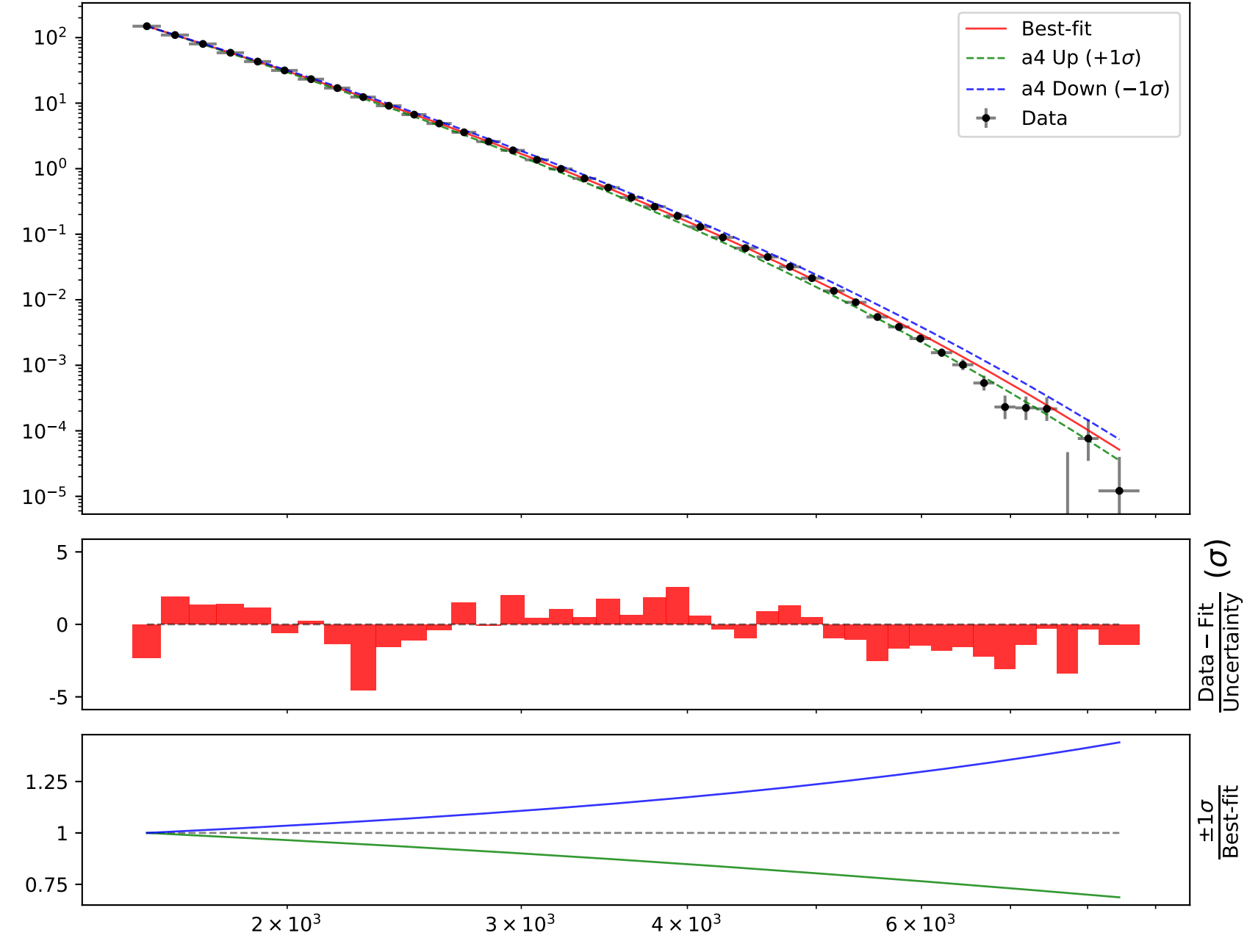
χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866921^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309996^{+0.0005455(17.6\%)}_{-0.0004764(15.4\%)}$,
$a3 = 0.0254739^{+0.003365(13.2\%)}_{-0.00308(12.1\%)}$, $\mathbf{a4 = 3.64451^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}}$

Candidate #12

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0



Candidate function #11

1.0*((a2*tanh(a3 + a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

a1 = $-1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, a2 = $0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$,
a3 = $0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, a4 = $1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}$,
a5 = $6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

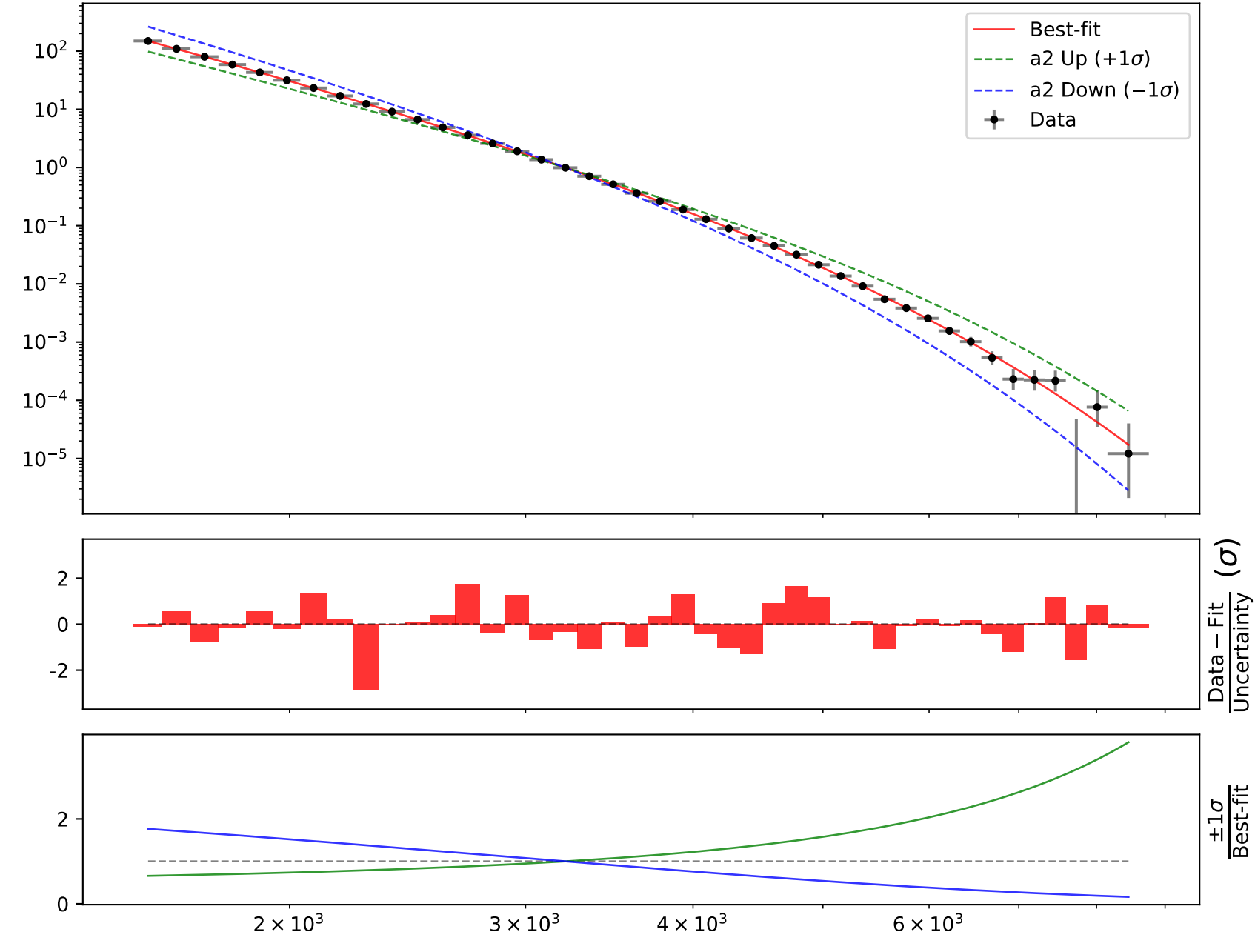
χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0

1.0*((a2*tanh(a3 + a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, **$a2 = 0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$**,
$a3 = 0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, $a4 = 1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}$,
$a5 = 6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0

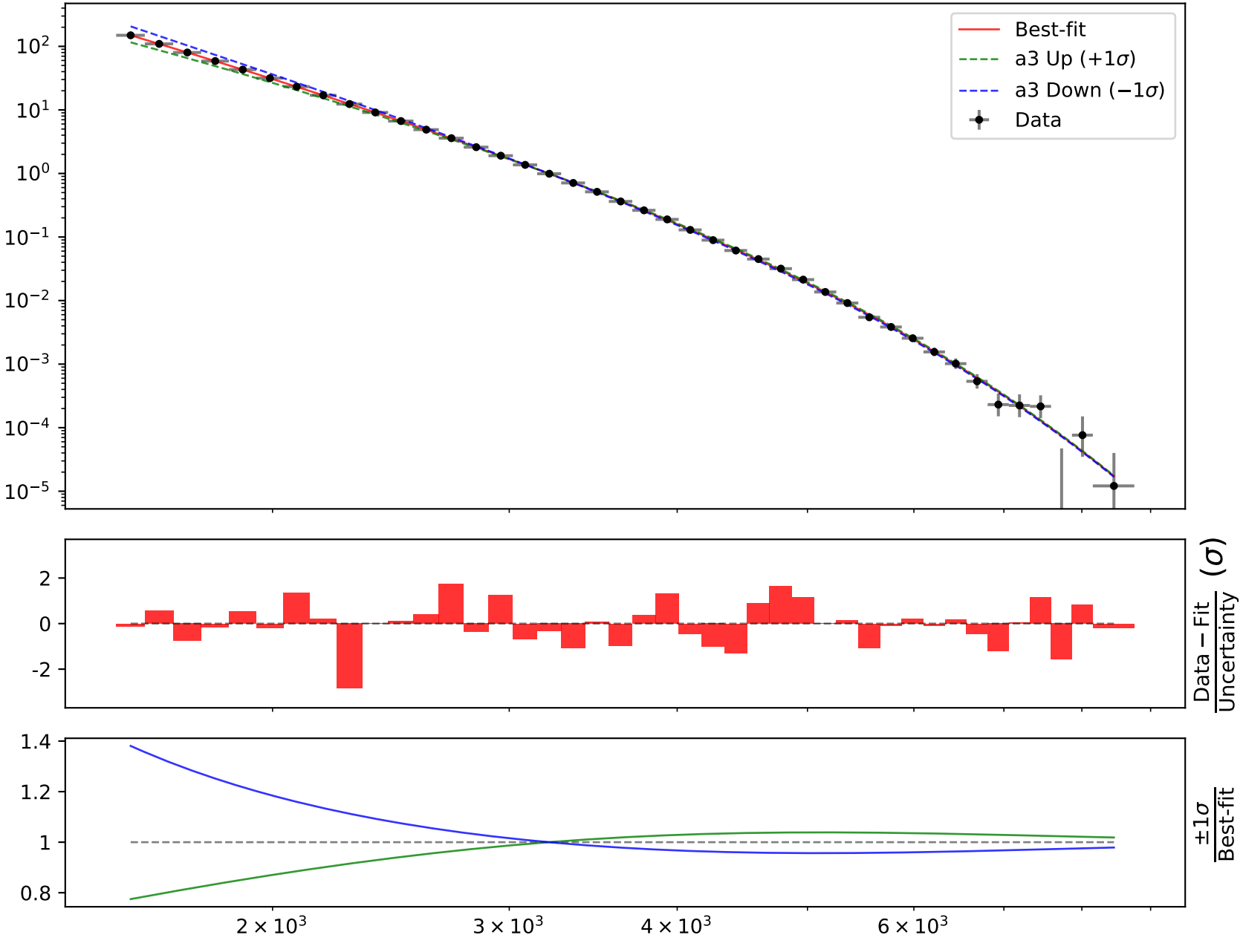


1.0*((a2*tanh(a3 + a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, $a2 = 0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$,
$a3 = 0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, $a4 = 1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}$,
$a5 = 6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0

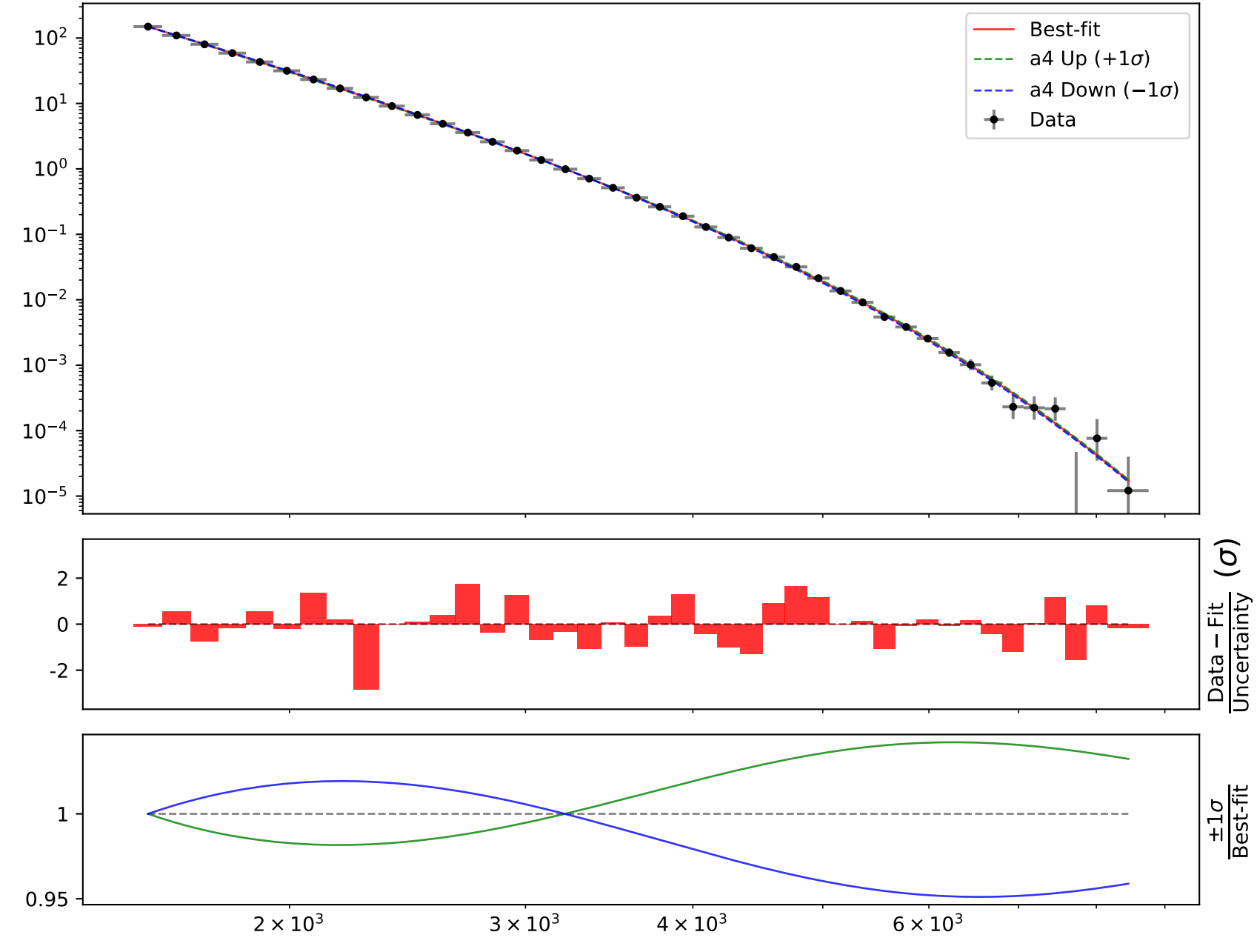


1.0*((a2*tanh(a3 + a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, $a2 = 0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$,
$a3 = 0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, $\mathbf{a4 = 1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}}$,
$a5 = 6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0

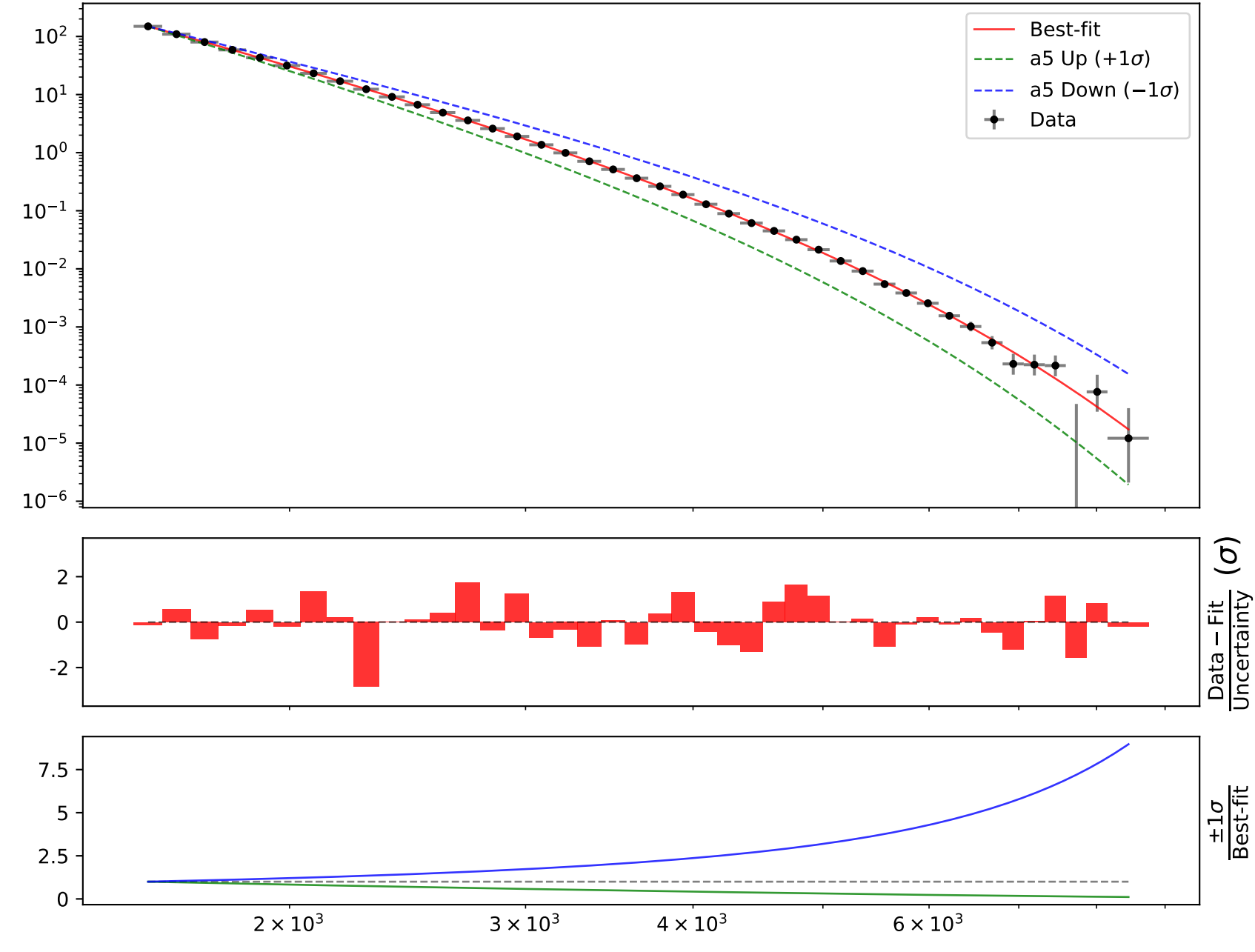


1.0*((a2*tanh(a3 + a4*((x0 - 1568.5) * 0.000145275)))**(a1 + a5*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, $a2 = 0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$,
$a3 = 0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, $a4 = 1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}$,
$a5 = 6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0



Candidate function #10

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

a1 = $-0.866918^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, a2 = $0.0030999^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
a3 = $0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, a4 = $3.64449^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #10

χ^2/NDF = 113.9/38, RMSE = 0.06219, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866918^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, **$a2 = 0.0030999^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$**,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.64449^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #10

χ^2/NDF = 113.9/38, RMSE = 0.06219, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866918^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.0030999^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.64449^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #10

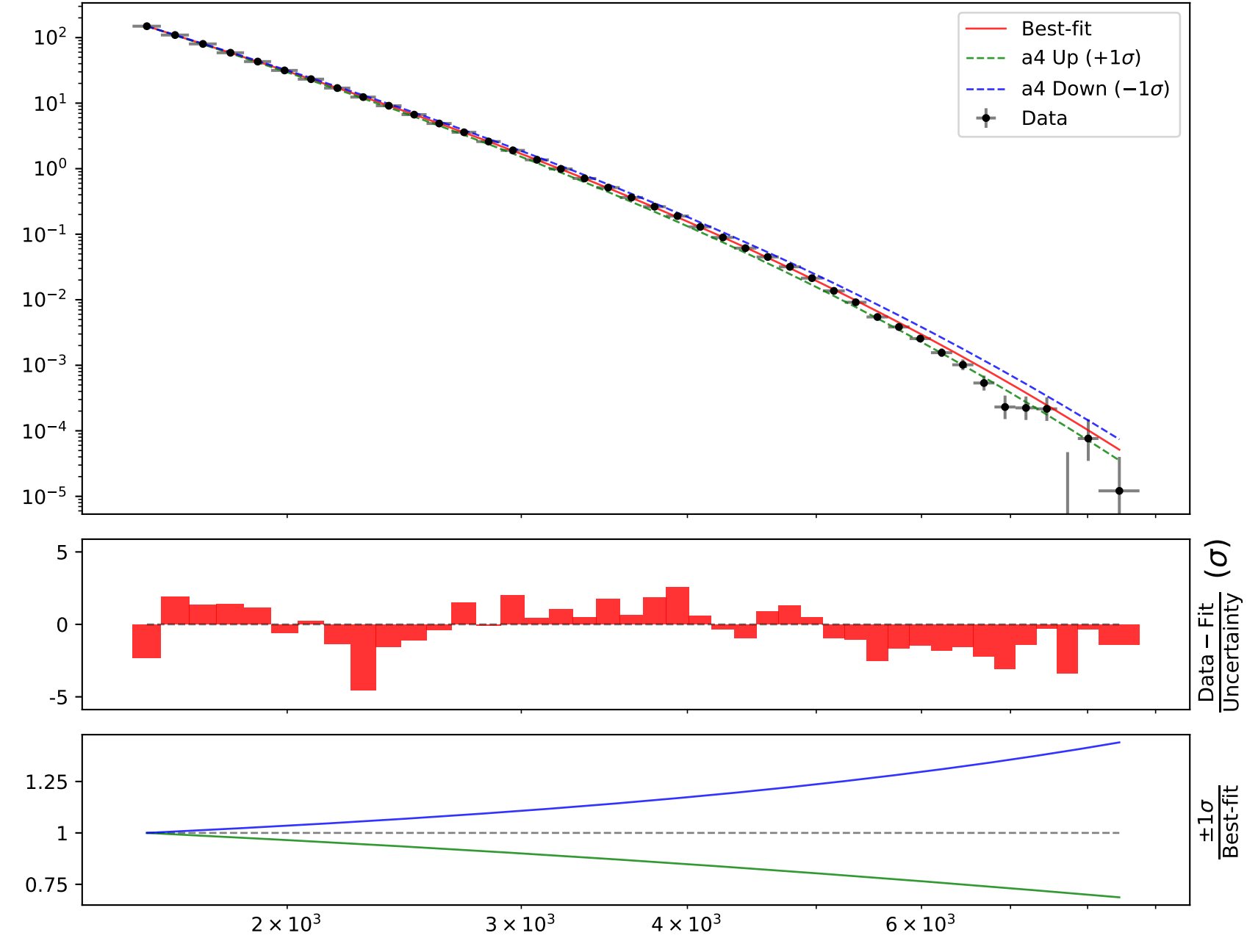
χ^2/NDF = 113.9/38, RMSE = 0.06219, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866918^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.0030999^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, **$a4 = 3.64449^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$**

Candidate #10

χ^2/NDF = 113.9/38, RMSE = 0.06219, R2 = 1.0



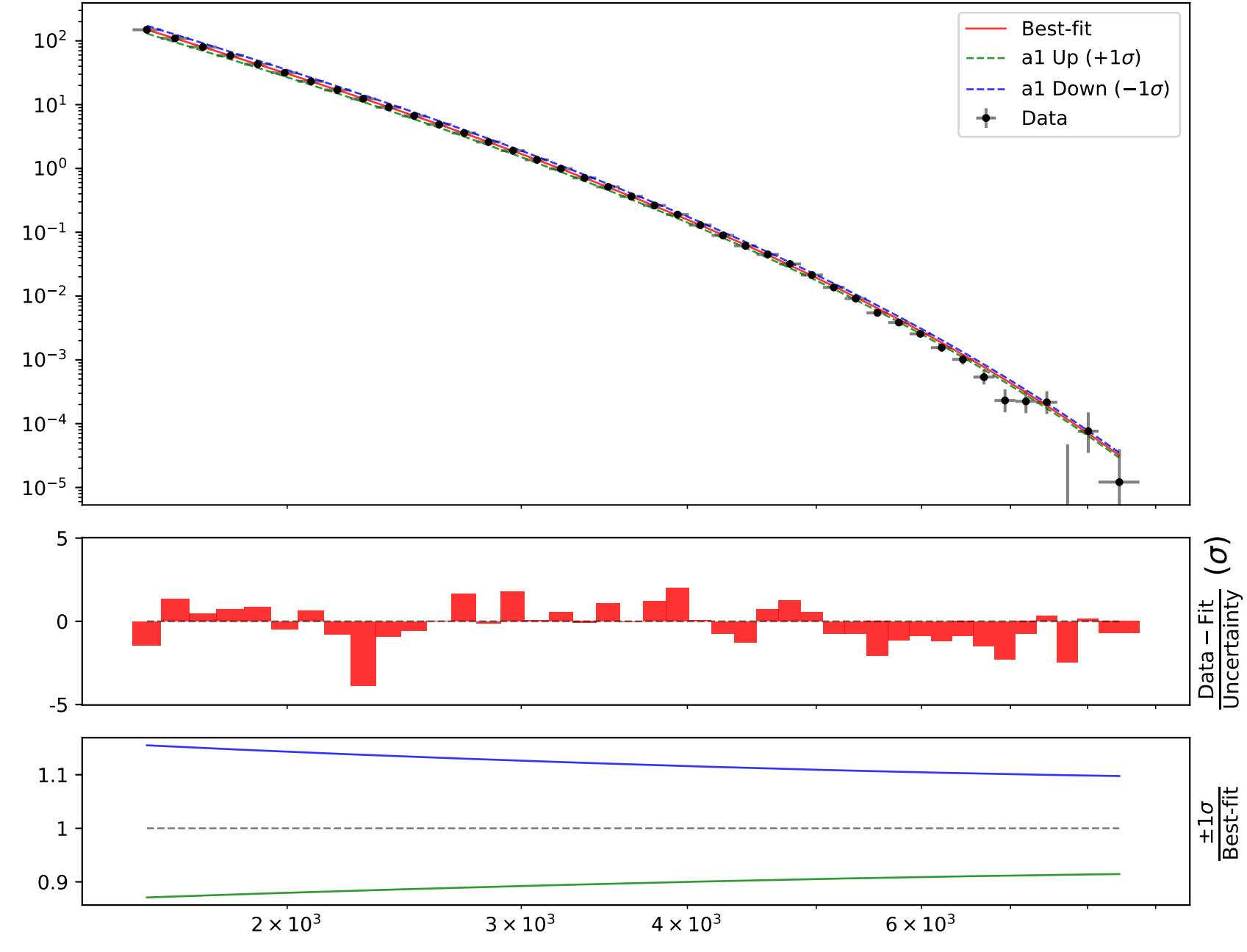
Candidate function #9

1.0*((a2*tanh(a3 + ((x0 - 1568.5) * 0.000145275)))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

a1 = $-1.01258^{+0.02794(2.76\%)}_{-0.02913(2.88\%)}$, a2 = $0.0502094^{+0.0055(11.0\%)}_{-0.005064(10.1\%)}$,
a3 = $0.14278^{+0.005203(3.64\%)}_{-0.004975(3.48\%)}$, a4 = $4.2531^{+0.123(2.89\%)}_{-0.1179(2.77\%)}$

Candidate #9

χ^2/NDF = 64.56/38, RMSE = 0.04144, R2 = 1.0

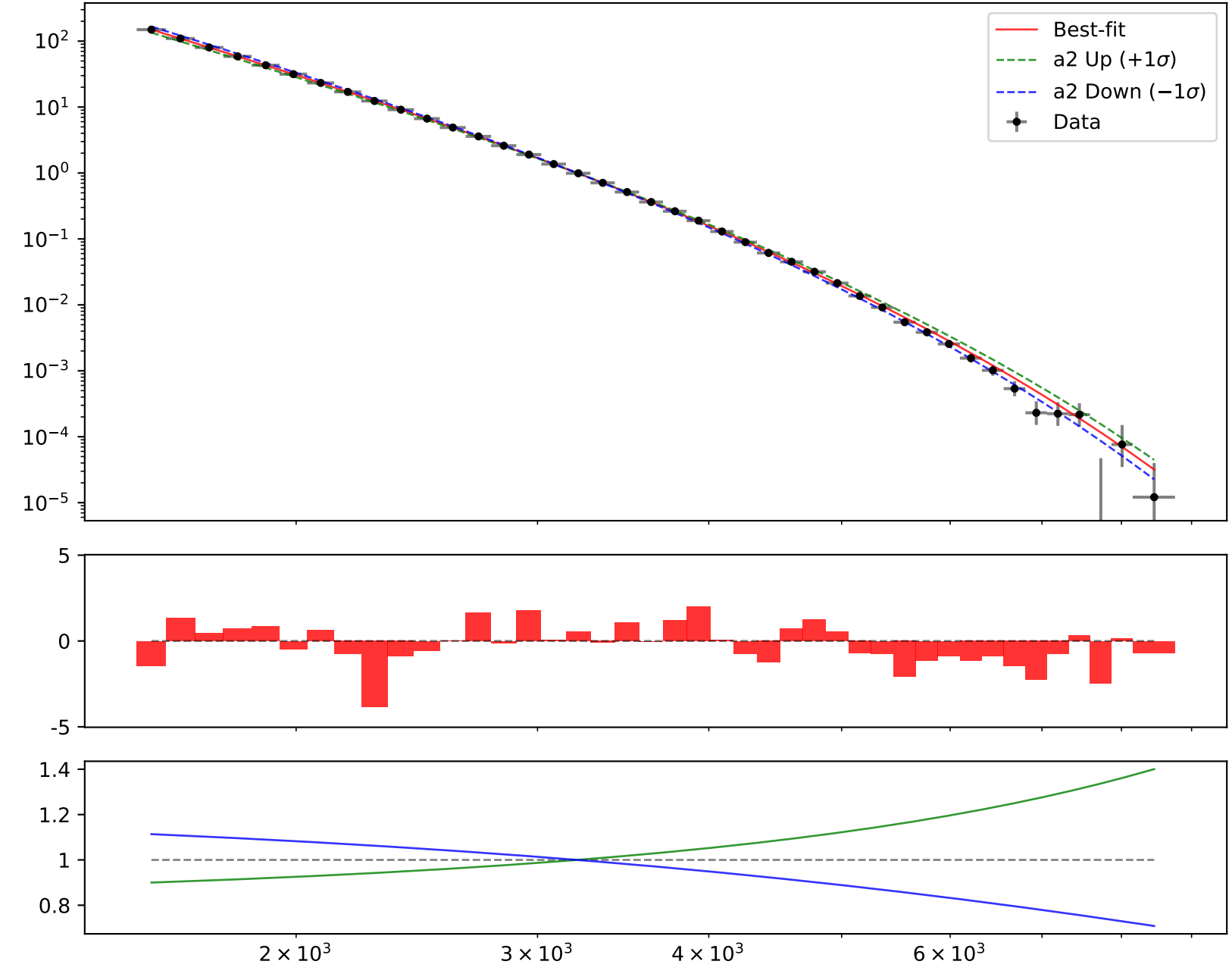


1.0*((a2*tanh(a3 + ((x0 - 1568.5) * 0.000145275)))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.01258^{+0.02794(2.76\%)}_{-0.02913(2.88\%)}$, **$a2 = 0.0502094^{+0.0055(11.0\%)}_{-0.005064(10.1\%)}$**,
$a3 = 0.14278^{+0.005203(3.64\%)}_{-0.004975(3.48\%)}$, $a4 = 4.2531^{+0.123(2.89\%)}_{-0.1179(2.77\%)}$

Candidate #9

χ^2/NDF = 64.56/38, RMSE = 0.04144, R2 = 1.0



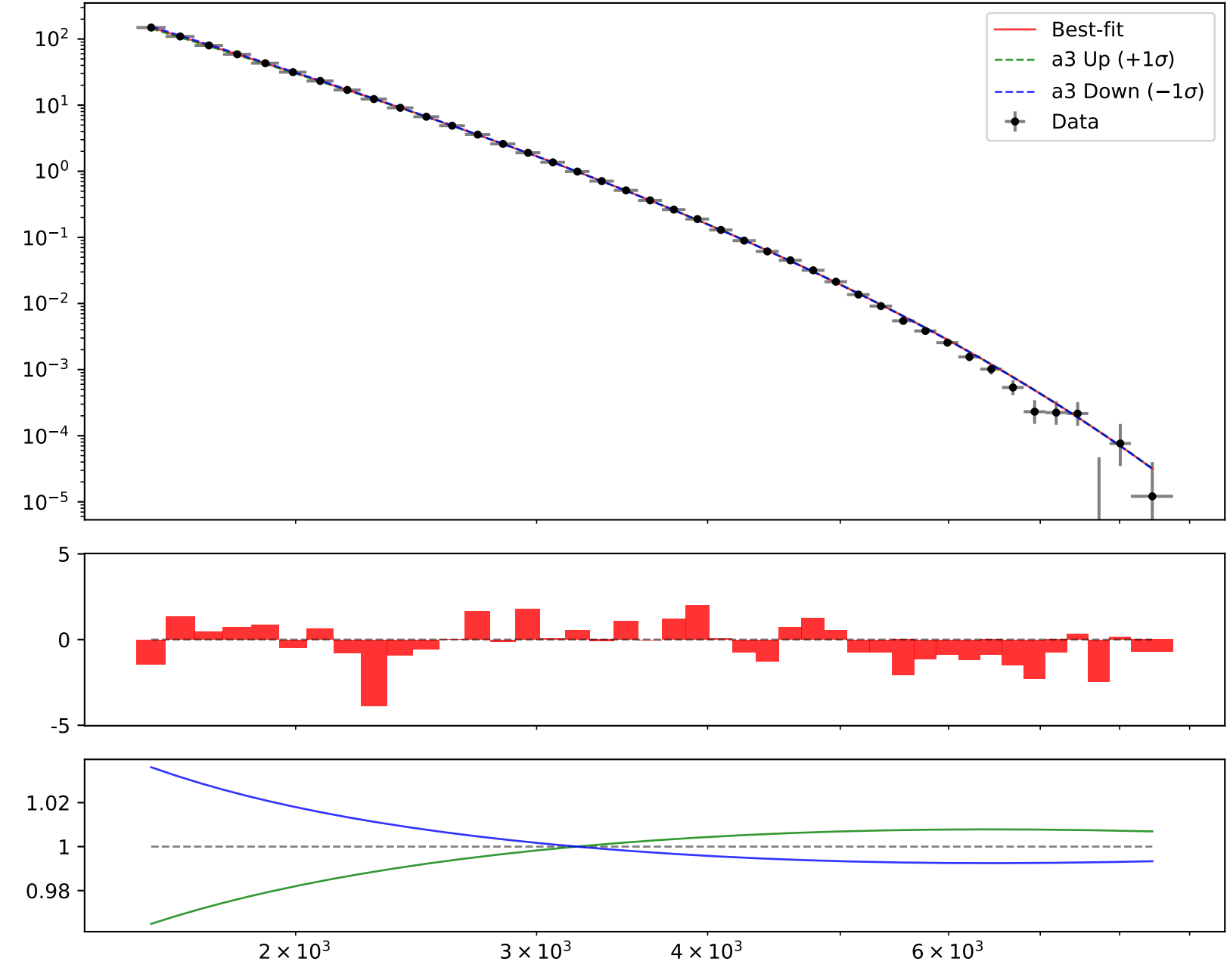
1.0*((a2*tanh(a3 + ((x0 - 1568.5) * 0.000145275)))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.01258^{+0.02794(2.76\%)}_{-0.02913(2.88\%)}$, $a2 = 0.0502094^{+0.0055(11.0\%)}_{-0.005064(10.1\%)}$,

$a3 = 0.14278^{+0.005203(3.64\%)}_{-0.004975(3.48\%)}$, $a4 = 4.2531^{+0.123(2.89\%)}_{-0.1179(2.77\%)}$

Candidate #9

χ^2/NDF = 64.56/38, RMSE = 0.04144, R2 = 1.0

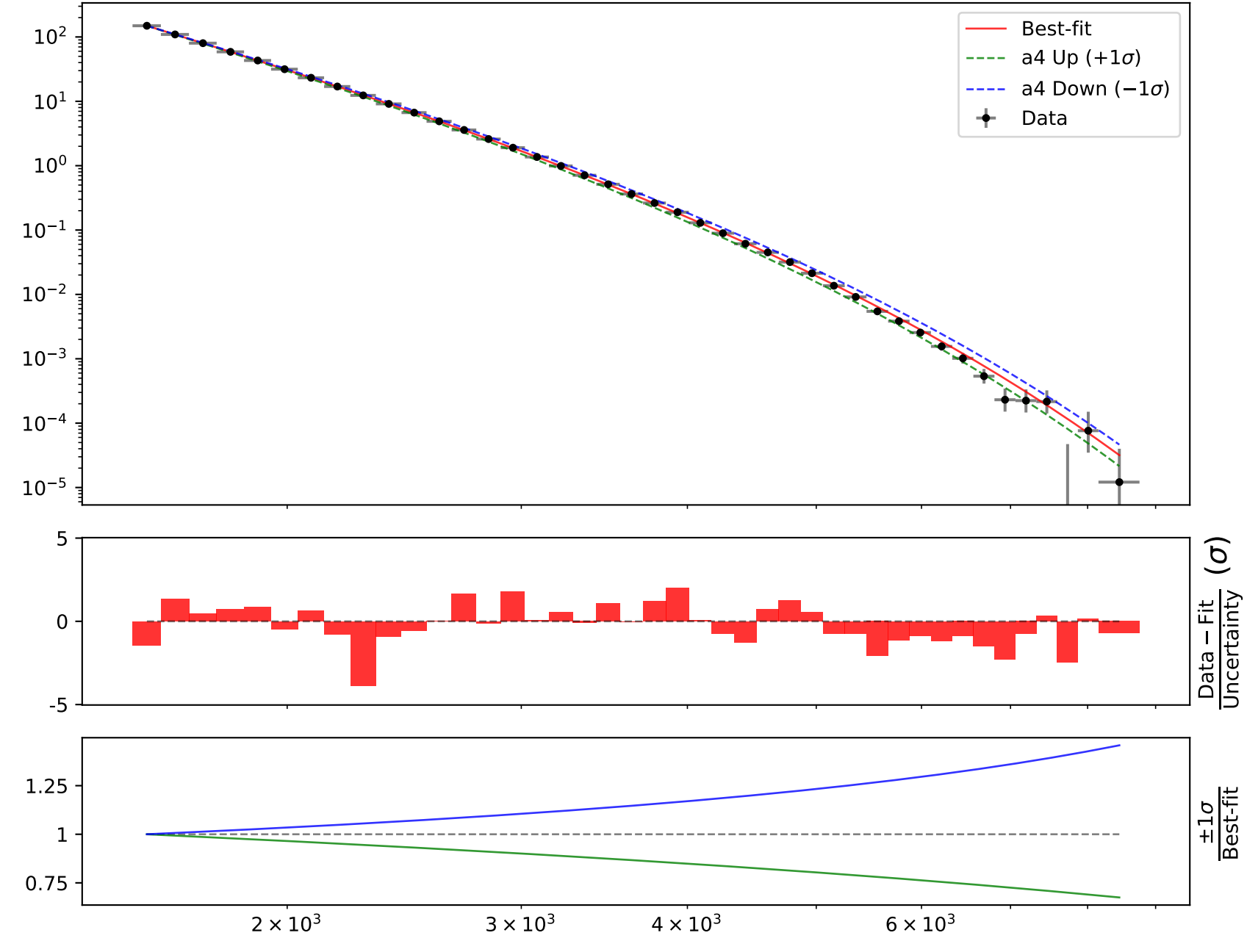


1.0*((a2*tanh(a3 + ((x0 - 1568.5) * 0.000145275)))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -1.01258^{+0.02794(2.76\%)}_{-0.02913(2.88\%)}$, $a2 = 0.0502094^{+0.0055(11.0\%)}_{-0.005064(10.1\%)}$,
$a3 = 0.14278^{+0.005203(3.64\%)}_{-0.004975(3.48\%)}$, $\mathbf{a4 = 4.2531^{+0.123(2.89\%)}_{-0.1179(2.77\%)}}$

Candidate #9

χ^2/NDF = 64.56/38, RMSE = 0.04144, R2 = 1.0



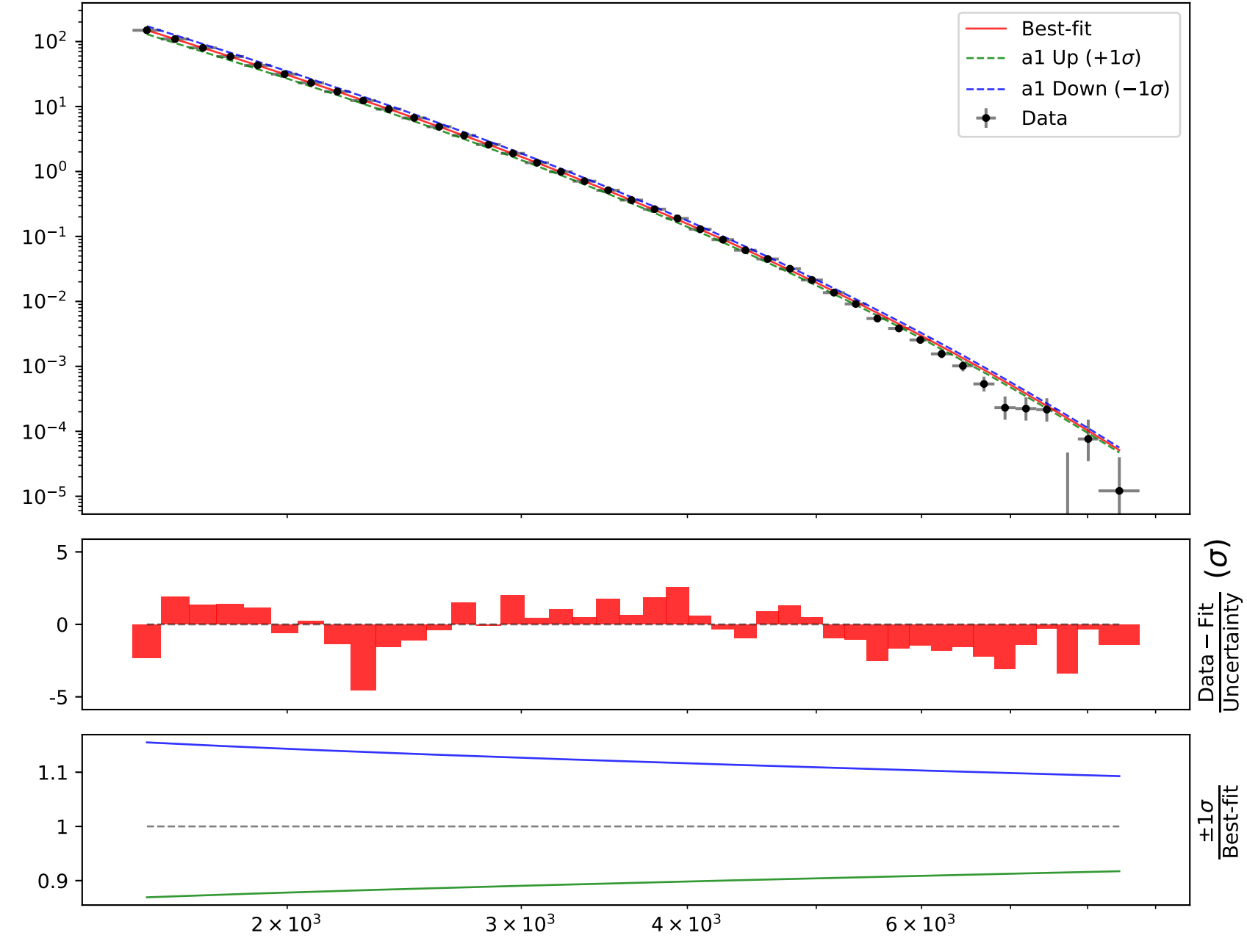
Candidate function #8

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

a1 = $-0.866919^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, a2 = $0.00309991^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
a3 = $0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, a4 = $3.6445^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #8

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0

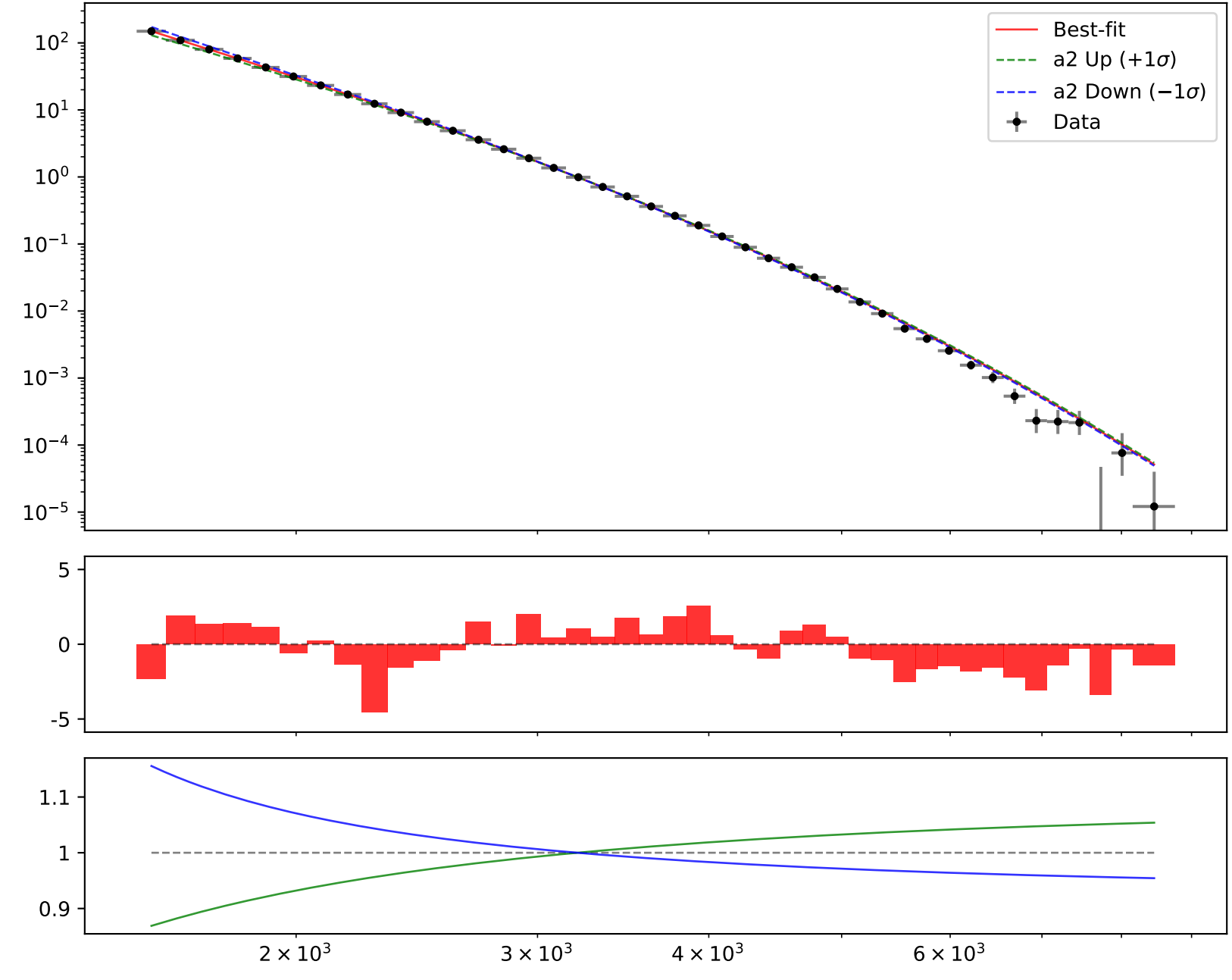


1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866919^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, **$a2 = 0.00309991^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$**,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.6445^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #8

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0



1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866919^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309991^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,

$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.6445^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #8

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0

1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.866919^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309991^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, **$a4 = 3.6445^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$**

Candidate #8

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0

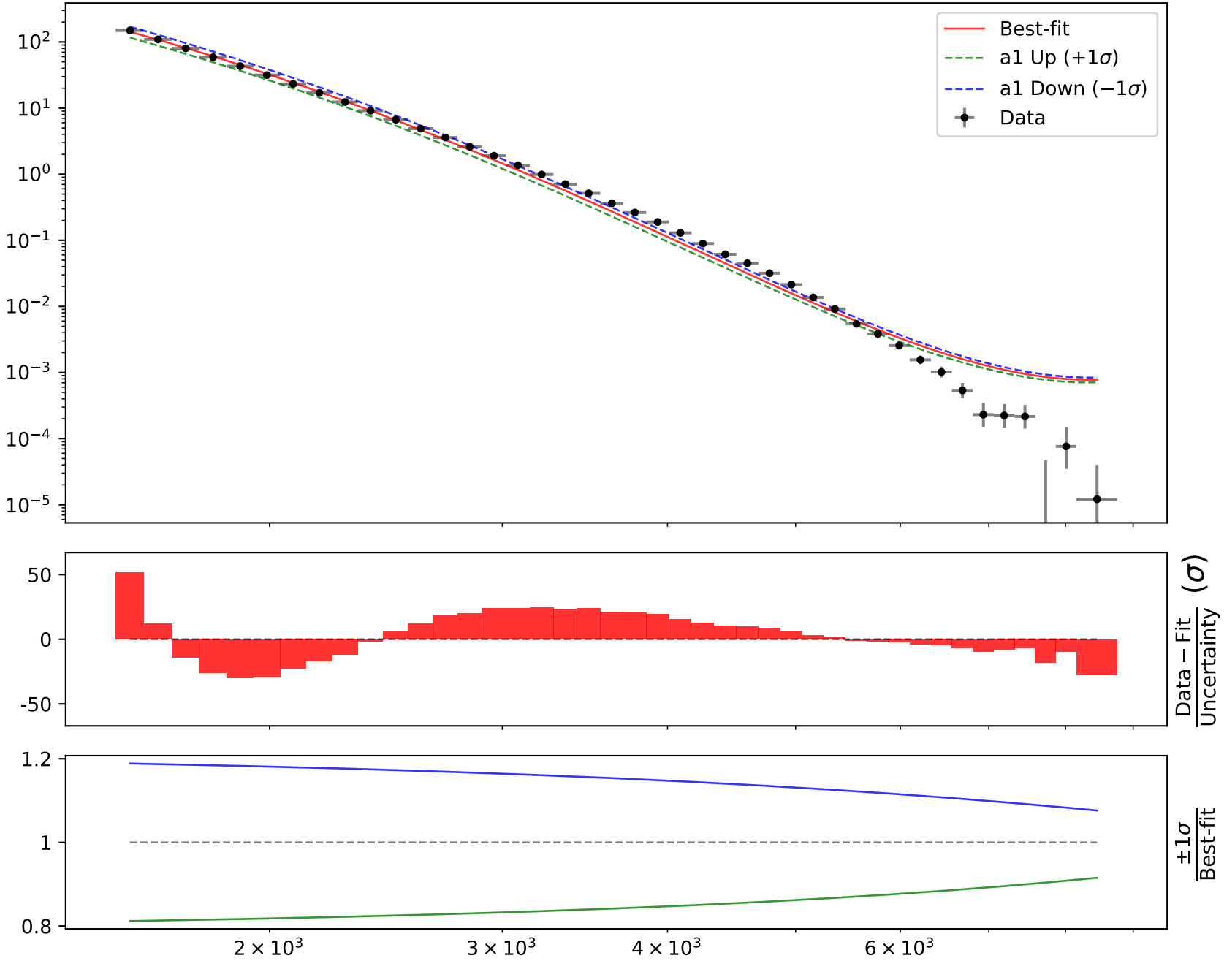
Candidate function #7

1.0*((a2*exp(((x0 - 1568.5) * 0.000145275)))**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

a1 = $-2.85457^{+0.1198(4.2\%)}_{-0.09935(3.48\%)}$, a2 = $0.175704^{+0.01038(5.91\%)}_{-0.01272(7.24\%)}$,
a3 = $12.5419^{+0.4517(3.6\%)}_{-0.5264(4.2\%)}$

Candidate #7

χ^2/NDF = 13660.0/39, RMSE = 1.1, R2 = 0.9988

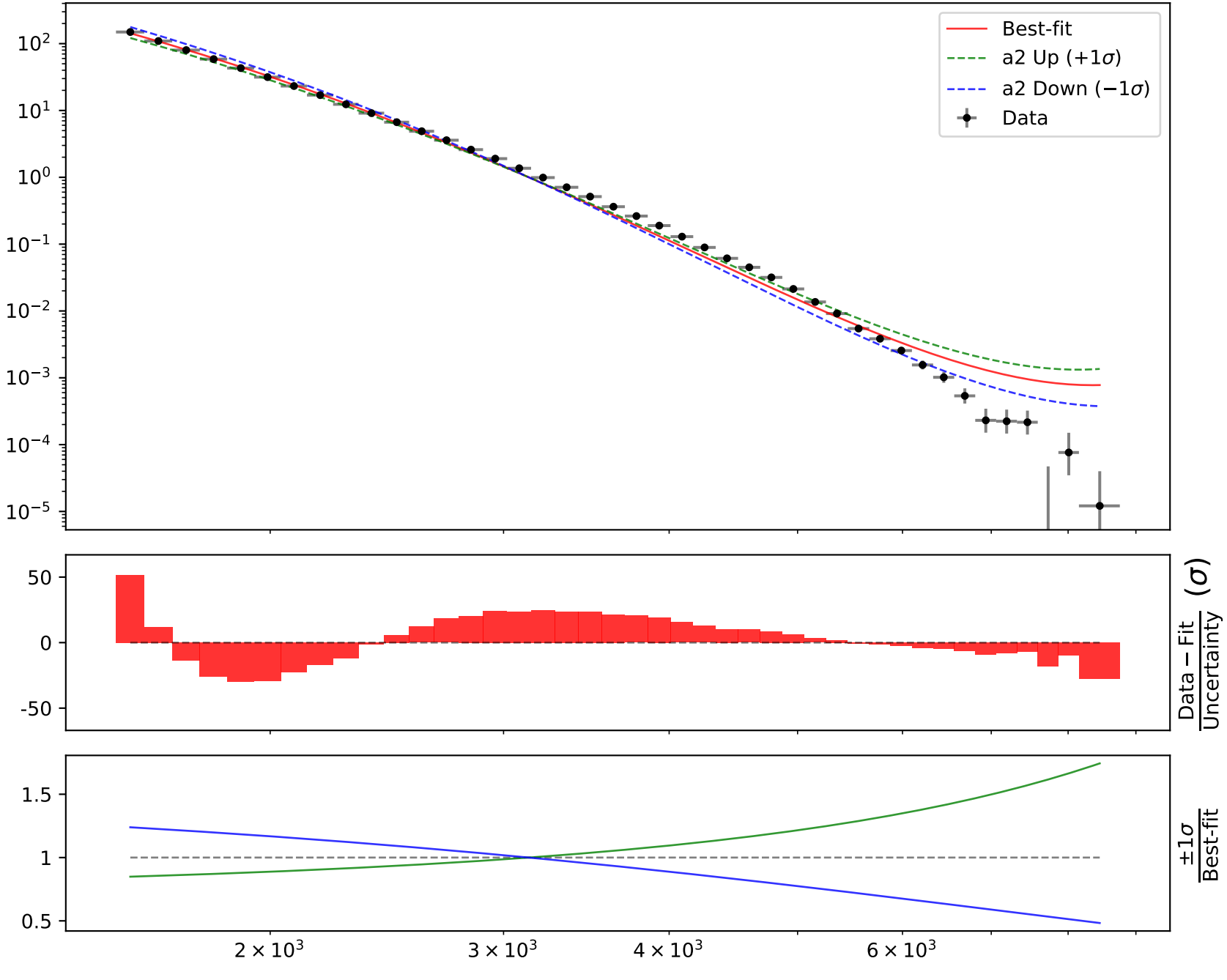


1.0*((a2*exp(((x0 - 1568.5) * 0.000145275)))**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

a1 = $-2.85457^{+0.1198(4.2\%)}_{-0.09935(3.48\%)}$, **a2 = $0.175704^{+0.01038(5.91\%)}_{-0.01272(7.24\%)}$**,
a3 = $12.5419^{+0.4517(3.6\%)}_{-0.5264(4.2\%)}$

Candidate #7

χ^2/NDF = 13660.0/39, RMSE = 1.1, R2 = 0.9988



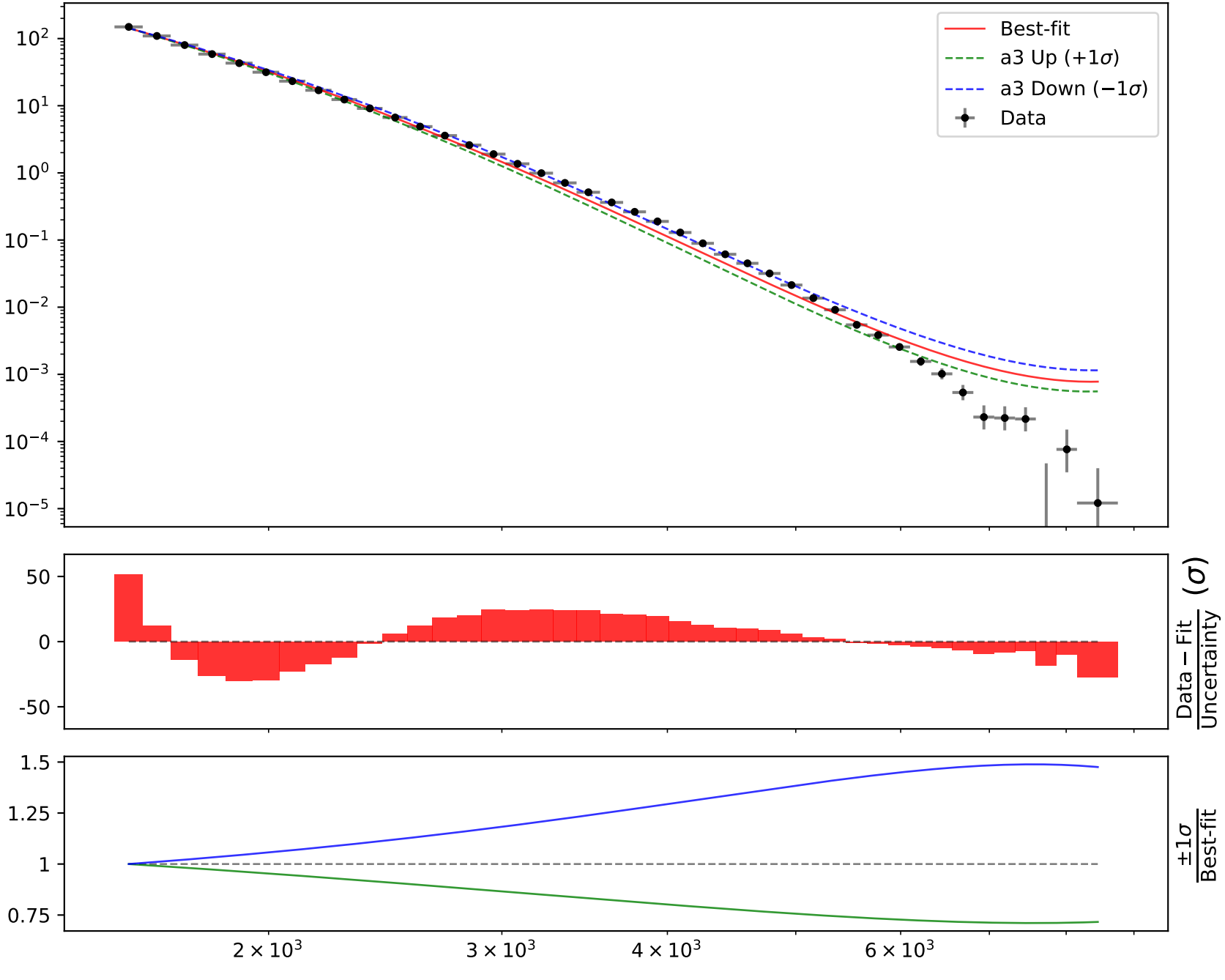
1.0*((a2*exp(((x0 - 1568.5) * 0.000145275)))**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -2.85457^{+0.1198(4.2\%)}_{-0.09935(3.48\%)}$, $a2 = 0.175704^{+0.01038(5.91\%)}_{-0.01272(7.24\%)}$,

$a3 = 12.5419^{+0.4517(3.6\%)}_{-0.5264(4.2\%)}$

Candidate #7

χ^2/NDF = 13660.0/39, RMSE = 1.1, R2 = 0.9988



Candidate function #6

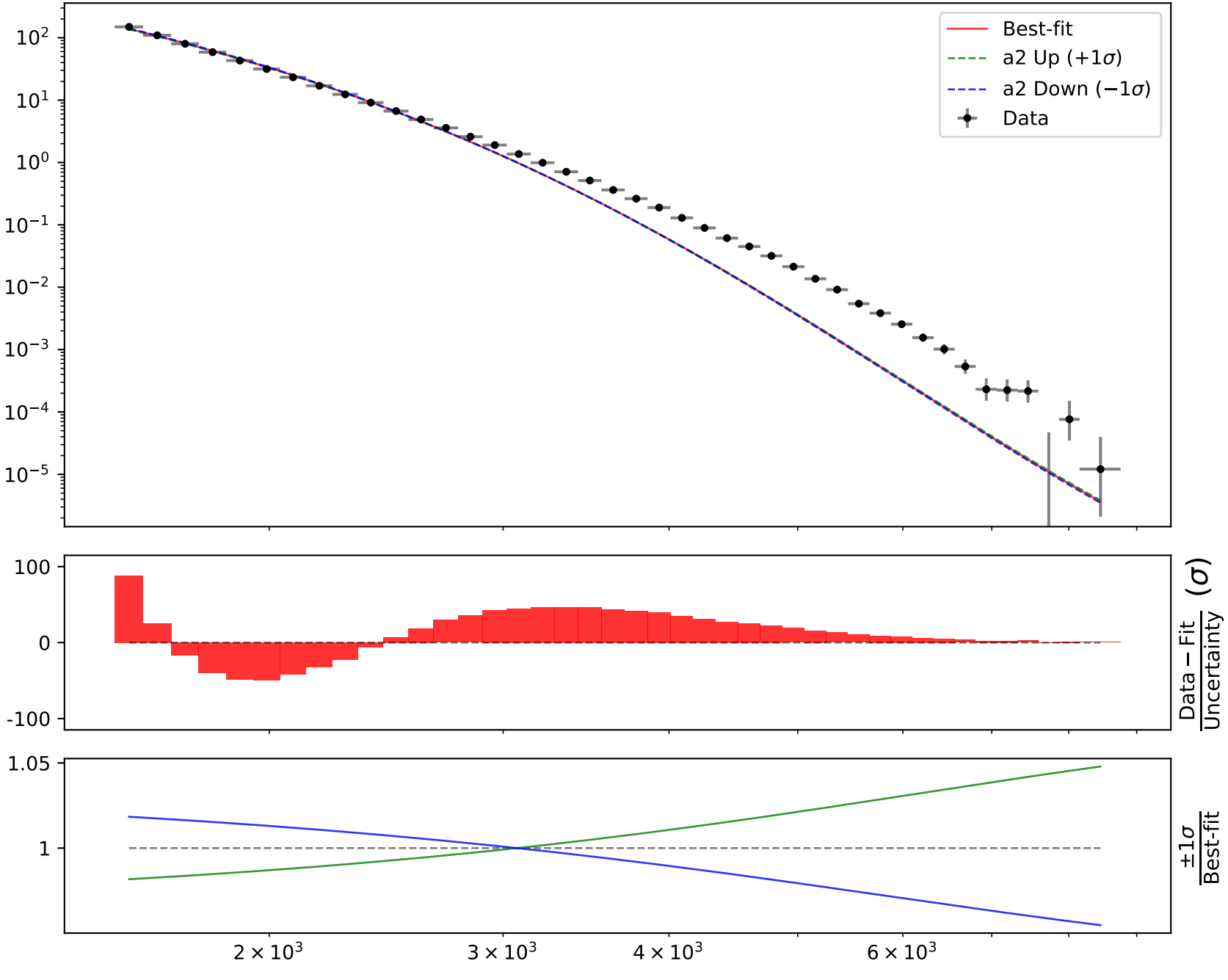
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -2.06$, $\mathbf{a2 = 0.0912058^{+0.0008204(0.9\%)}_{-0.0008044(0.882\%)}}$,

$a3 = 9.56887^{+0.1204(1.26\%)}_{-0.1171(1.22\%)}$

Candidate #6

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



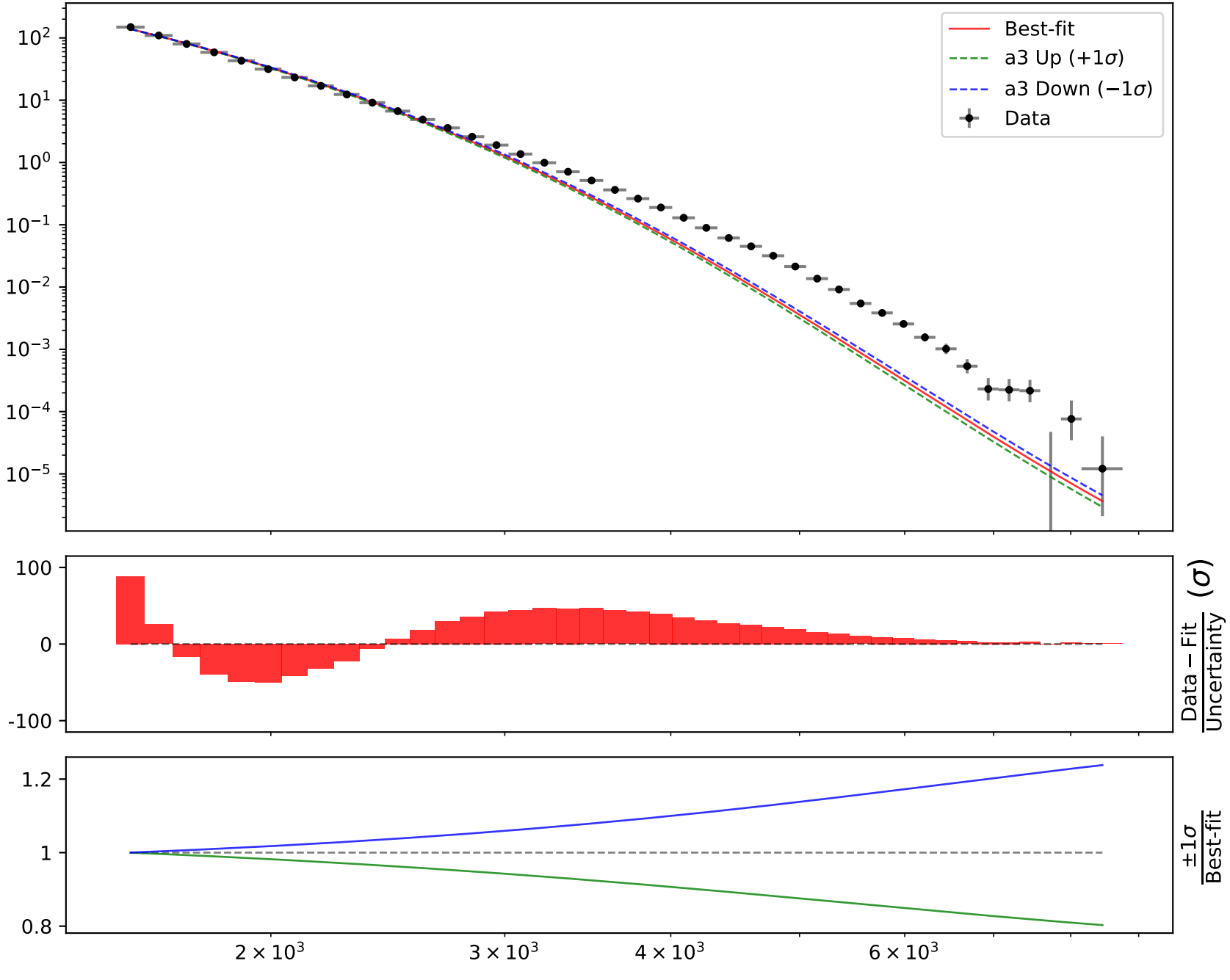
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -2.06$, $a2 = 0.0912058^{+0.0008204(0.9\%)}_{-0.0008044(0.882\%)}$,

$a3 = 9.56887^{+0.1204(1.26\%)}_{-0.1171(1.22\%)}$

Candidate #6

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



Candidate function #5

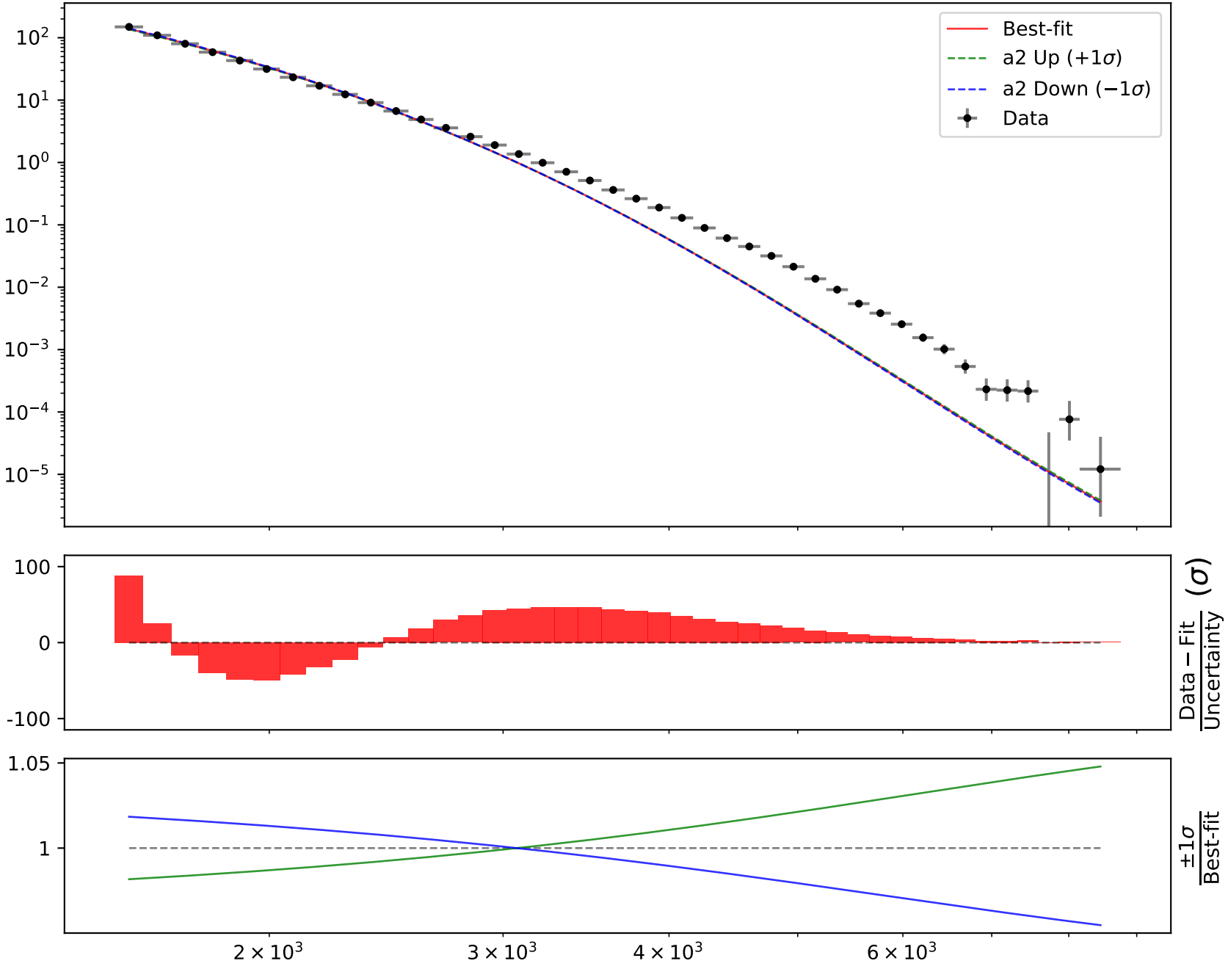
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -2.18$, $\mathbf{a2 = 0.104056^{+0.0008843(0.85\%)}_{-0.0008674(0.834\%)}}$,

$a3 = 10.1263^{+0.1274(1.26\%)}_{-0.1239(1.22\%)}$

Candidate #5

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



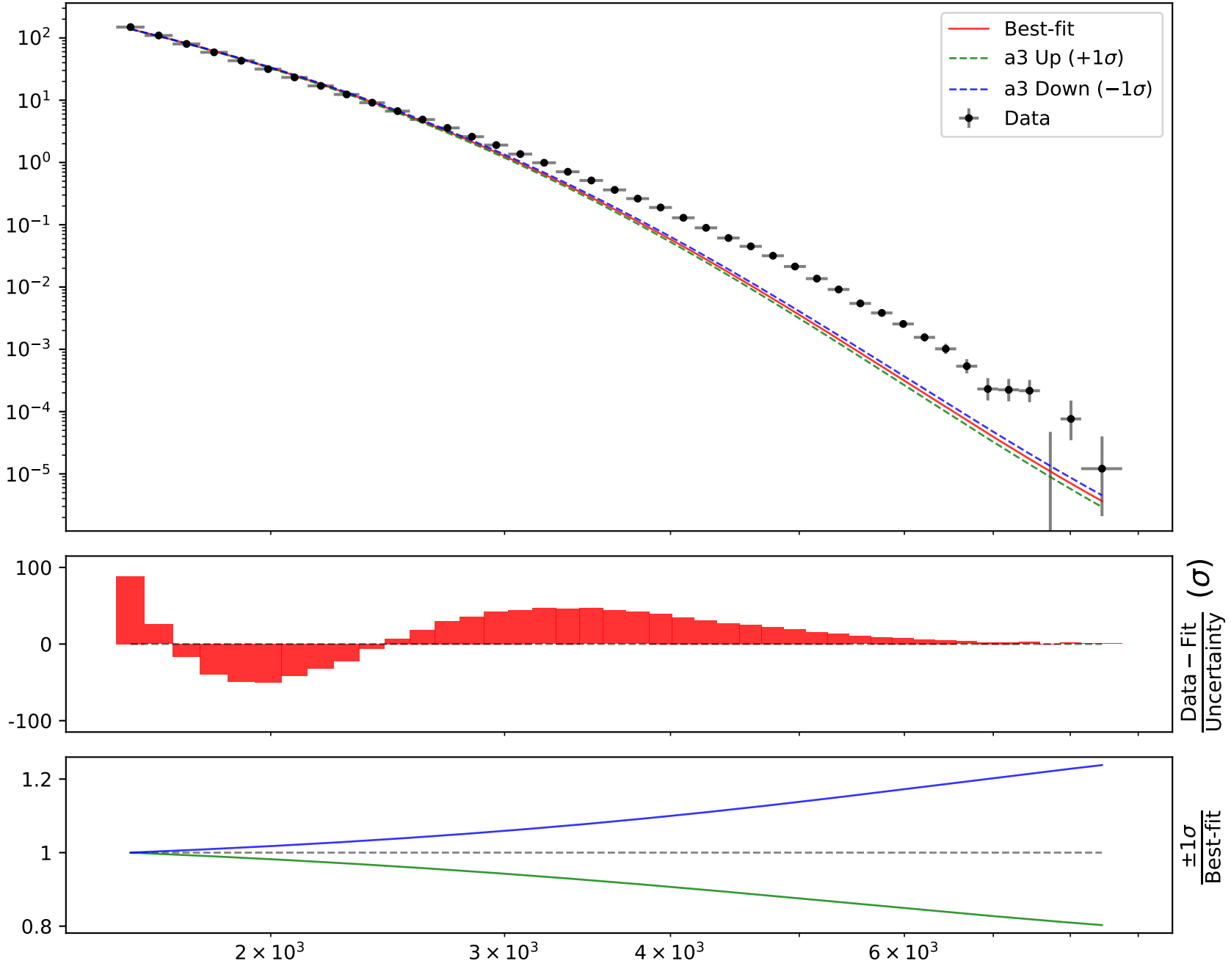
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -2.18,\ a2 = 0.104056^{+0.0008843(0.85\%)}_{-0.0008674(0.834\%)},$

$a3 = 10.1263^{+0.1274(1.26\%)}_{-0.1239(1.22\%)}$

Candidate #5

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



Candidate function #4

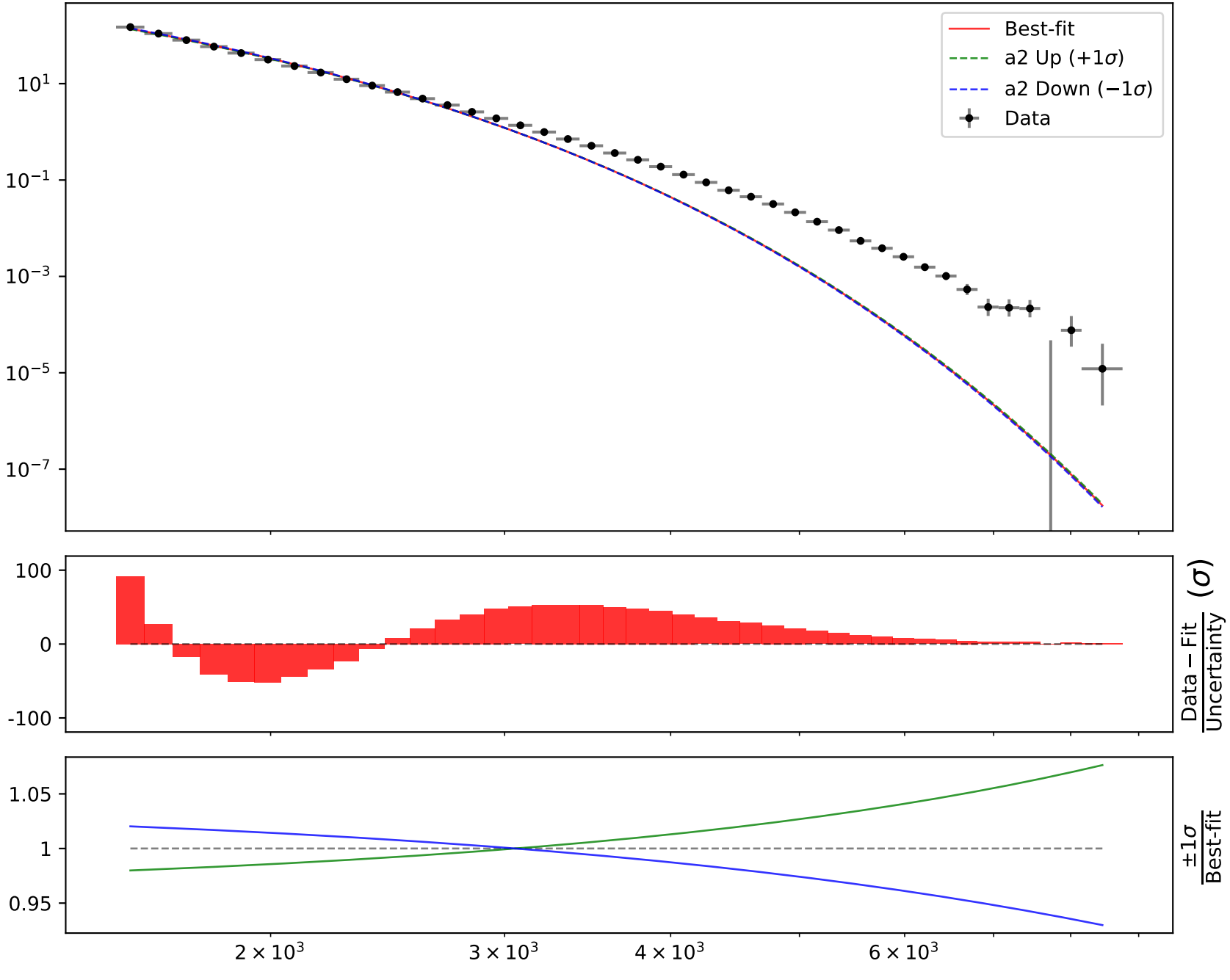
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -2.76$, $\mathbf{a2 = 0.167581^{+0.001238(0.739\%)}_{-0.001214(0.725\%)}}$,

$a3 = 12.7553^{+0.1793(1.41\%)}_{-0.1741(1.36\%)}$

Candidate #4

χ^2/NDF = 50260.0/40, RMSE = 1.947, R2 = 0.9961



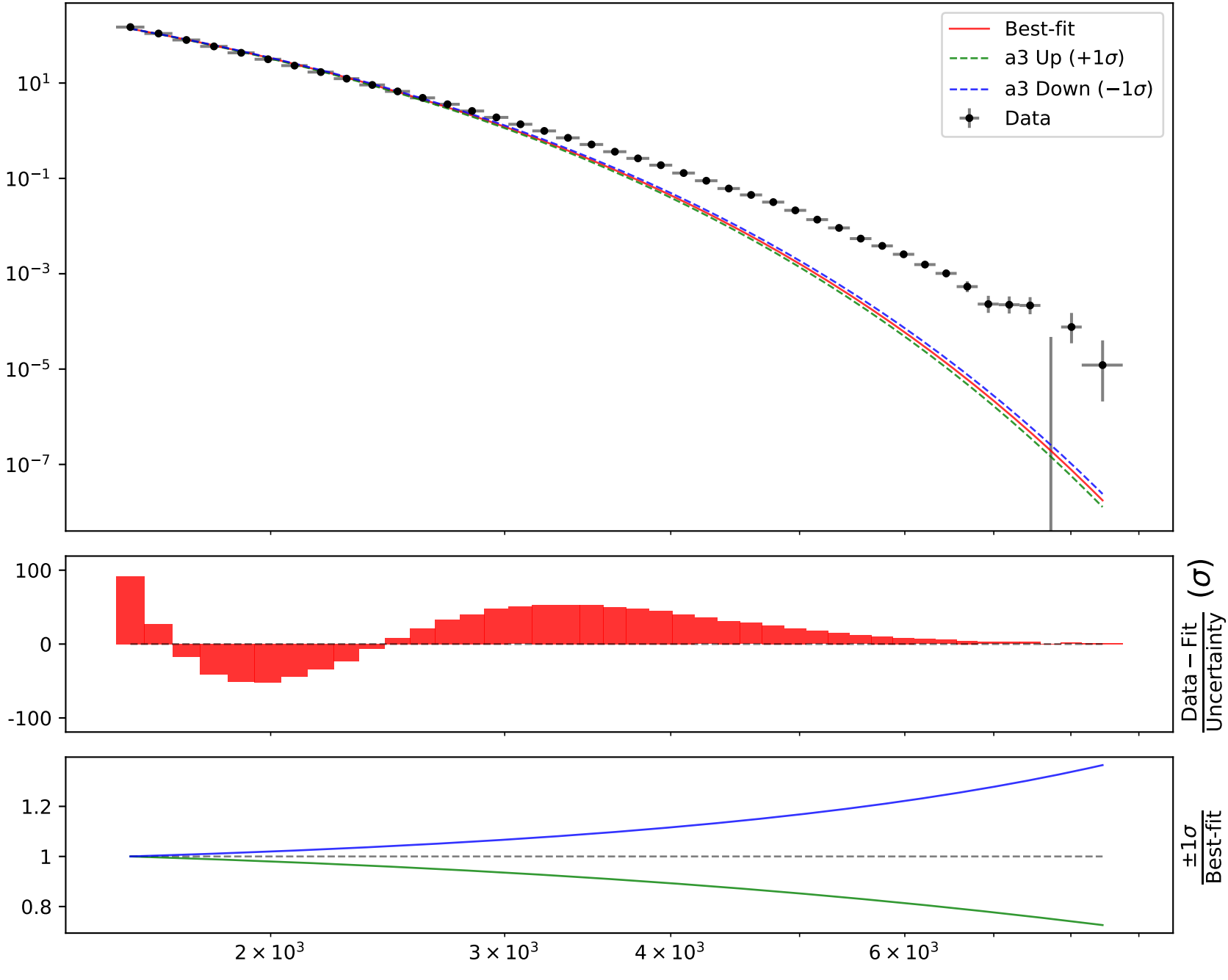
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -2.76,\ a2 = 0.167581^{+0.001238(0.739\%)}_{-0.001214(0.725\%)},$

a3 = 12.7553$^{+0.1793(1.41\%)}_{-0.1741(1.36\%)}$

Candidate #4

χ^2/NDF = 50260.0/40, RMSE = 1.947, R2 = 0.9961



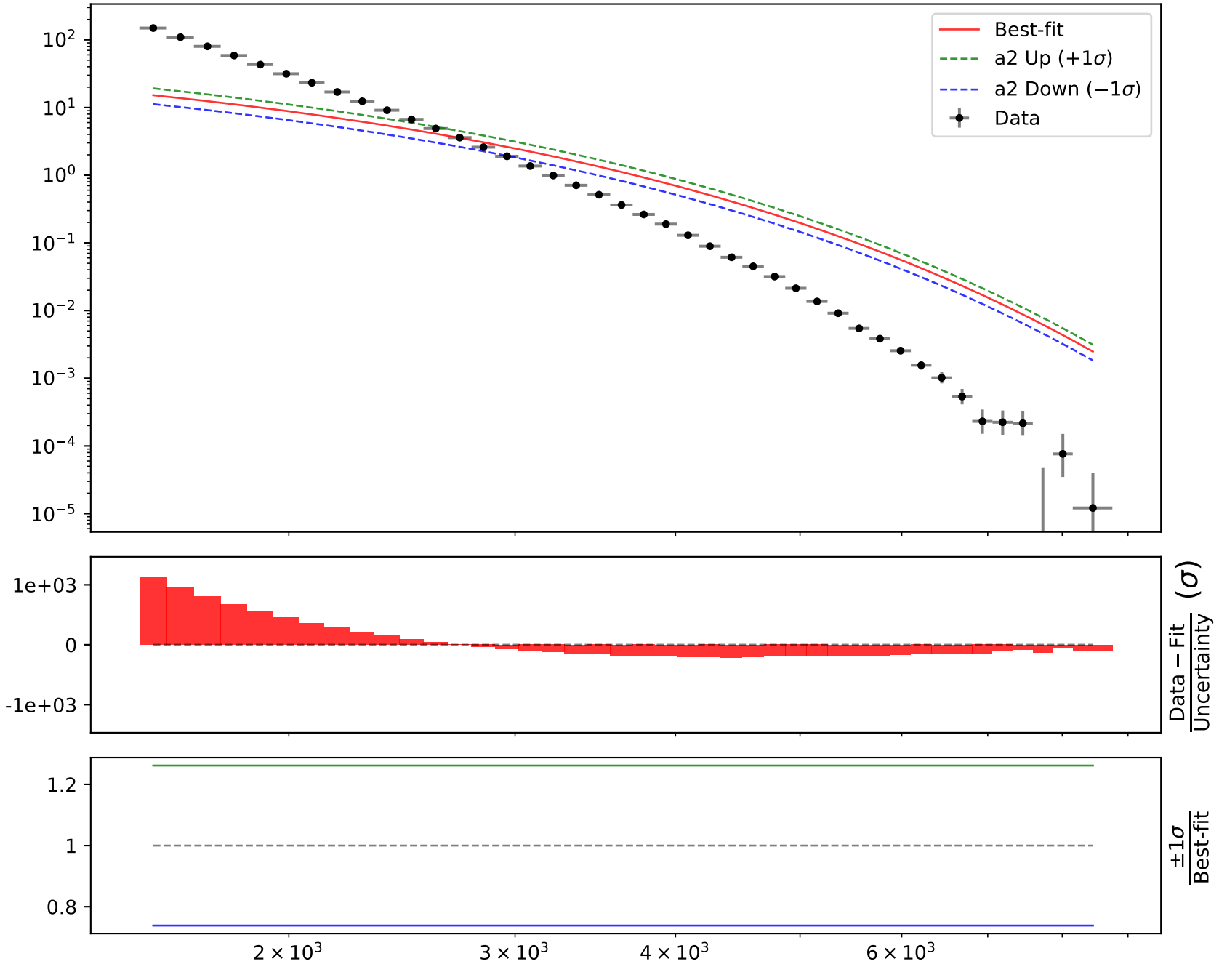
Candidate function #3

1.0*(a1**((x0 - 1568.5) * 0.000145275)*a2)

$a1 = 0.000163$, $\mathbf{a2 = 15.2158^{+3.98(26.2\%)}_{-3.98(26.2\%)}}$

Candidate #3

χ^2/NDF = 4834000.0/41, RMSE = 29.26, R2 = 0.1165



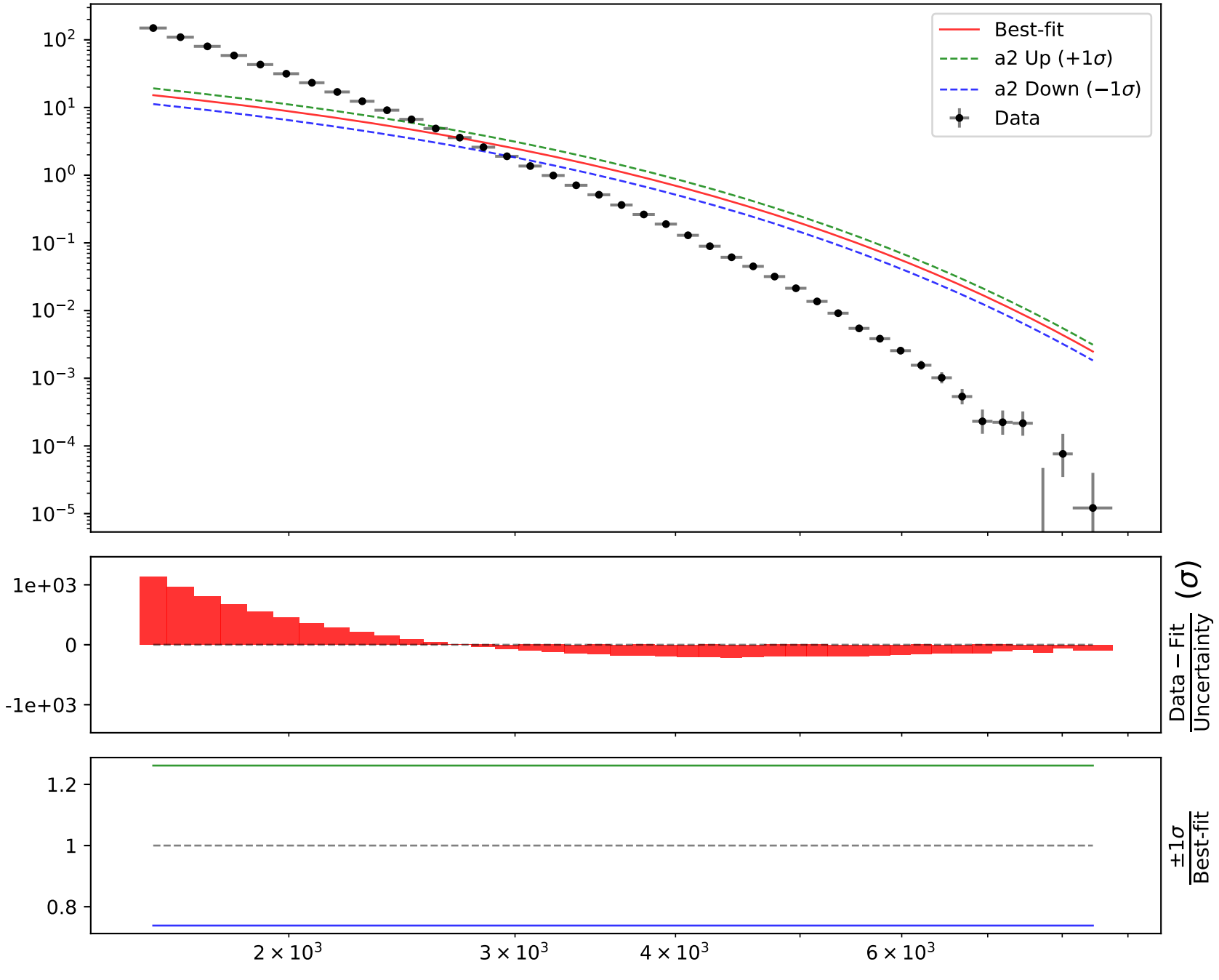
Candidate function #2

1.0*(a1**((x0 - 1568.5) * 0.000145275)*a2)

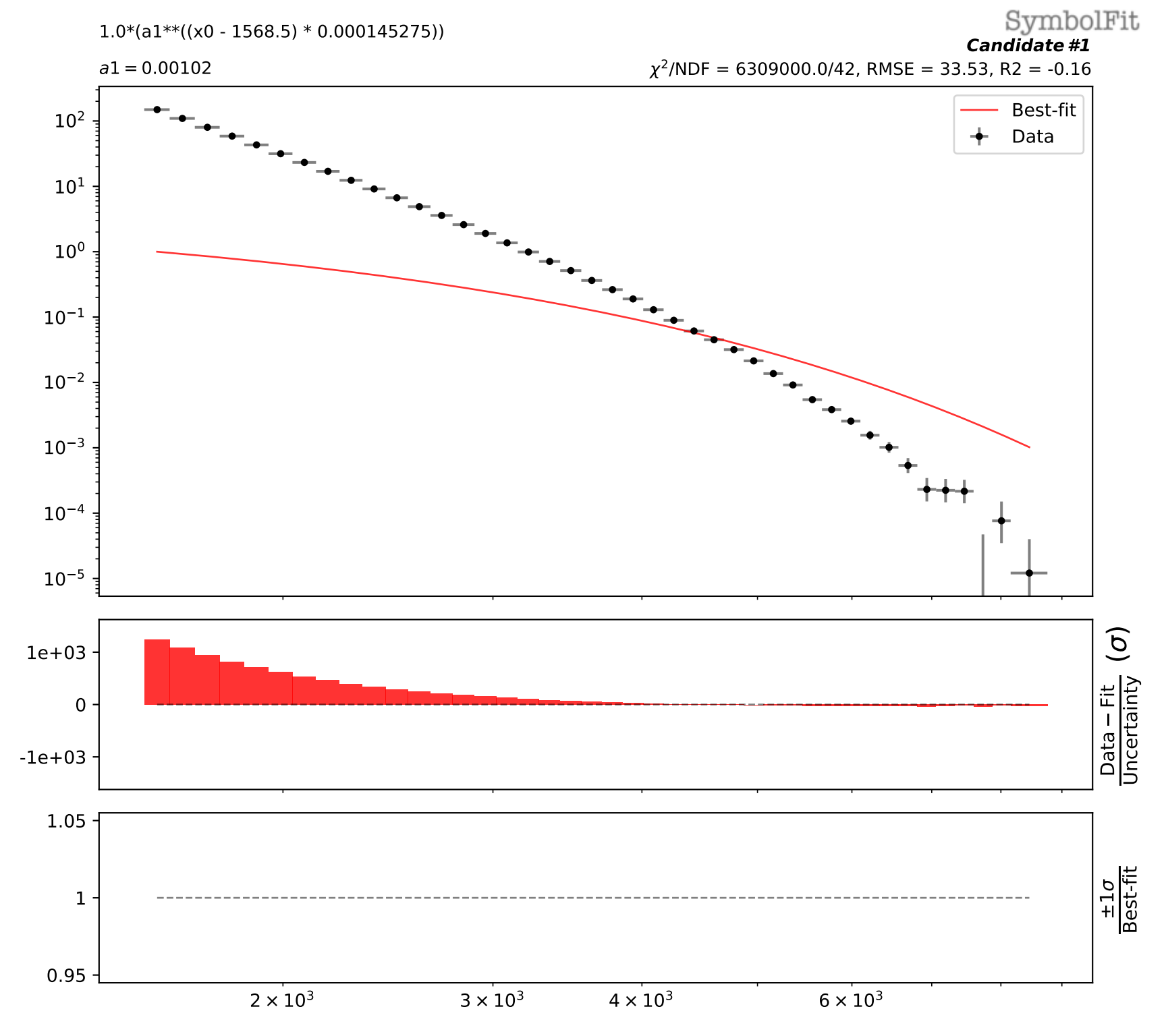
$a1 = 0.000163$, $\mathbf{a2 = 15.2158^{+3.98(26.2\%)}_{-3.98(26.2\%)}}$

Candidate #2

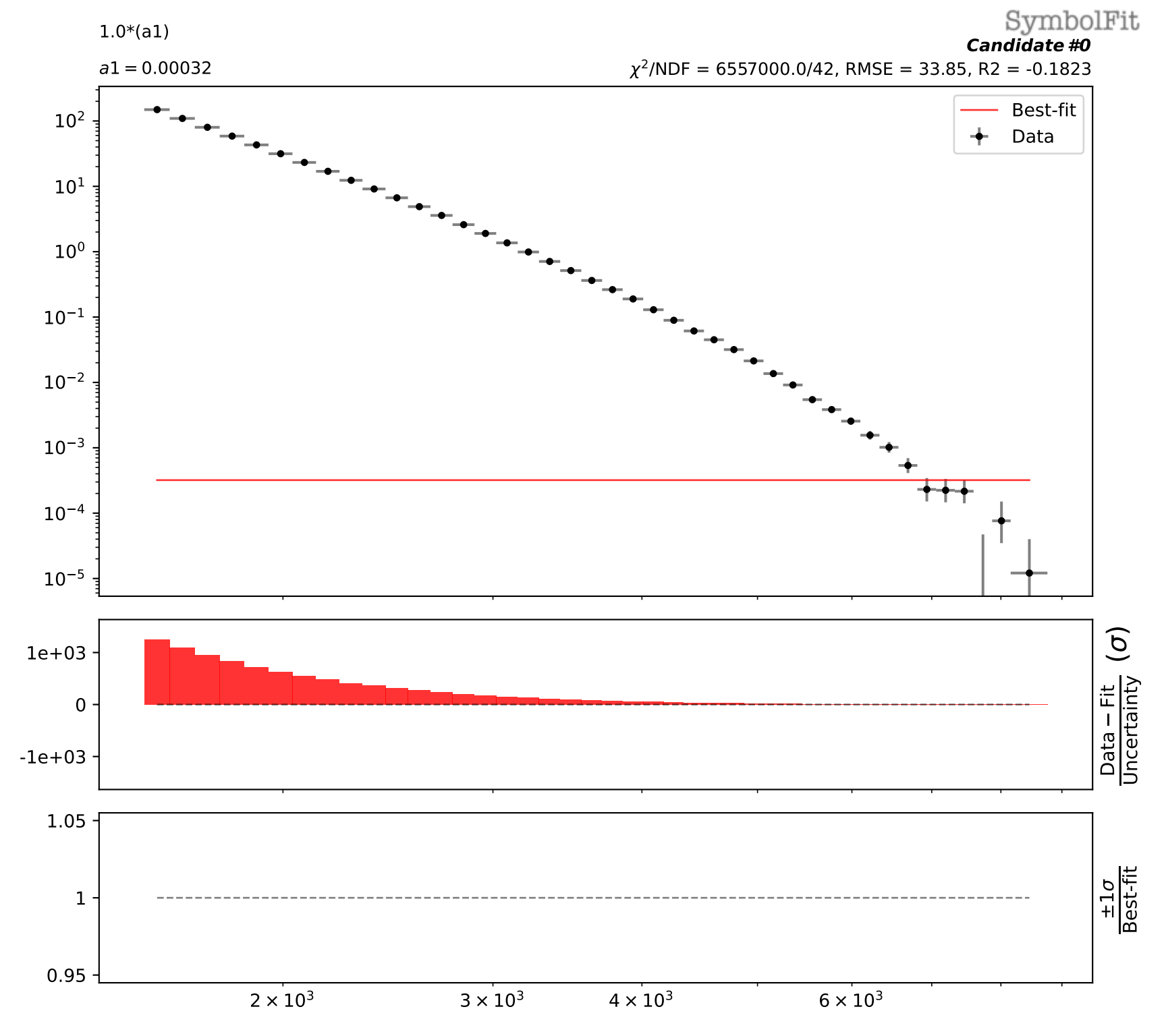
χ^2/NDF = 4834000.0/41, RMSE = 29.26, R2 = 0.1165



Candidate function #1


1.0*(a1**((x0 - 1568.5) * 0.000145275))
SymbolFit
Candidate #1
a1 = 0.00102
χ²/NDF = 6309000.0/42, RMSE = 33.53, R2 = -0.16
Best-fit
Data
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
1e+03
0
-1e+03
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
2 × 10³
3 × 10³
4 × 10³
6 × 10³

Candidate function #0


SymbolFit
1.0*(a1)
Candidate #0
a1 = 0.00032
χ²/NDF = 6557000.0/42, RMSE = 33.85, R2 = -0.1823
Best-fit
Data
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
1e+03
0
-1e+03
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
2 × 10³
3 × 10³
4 × 10³
6 × 10³