Candidate function #18

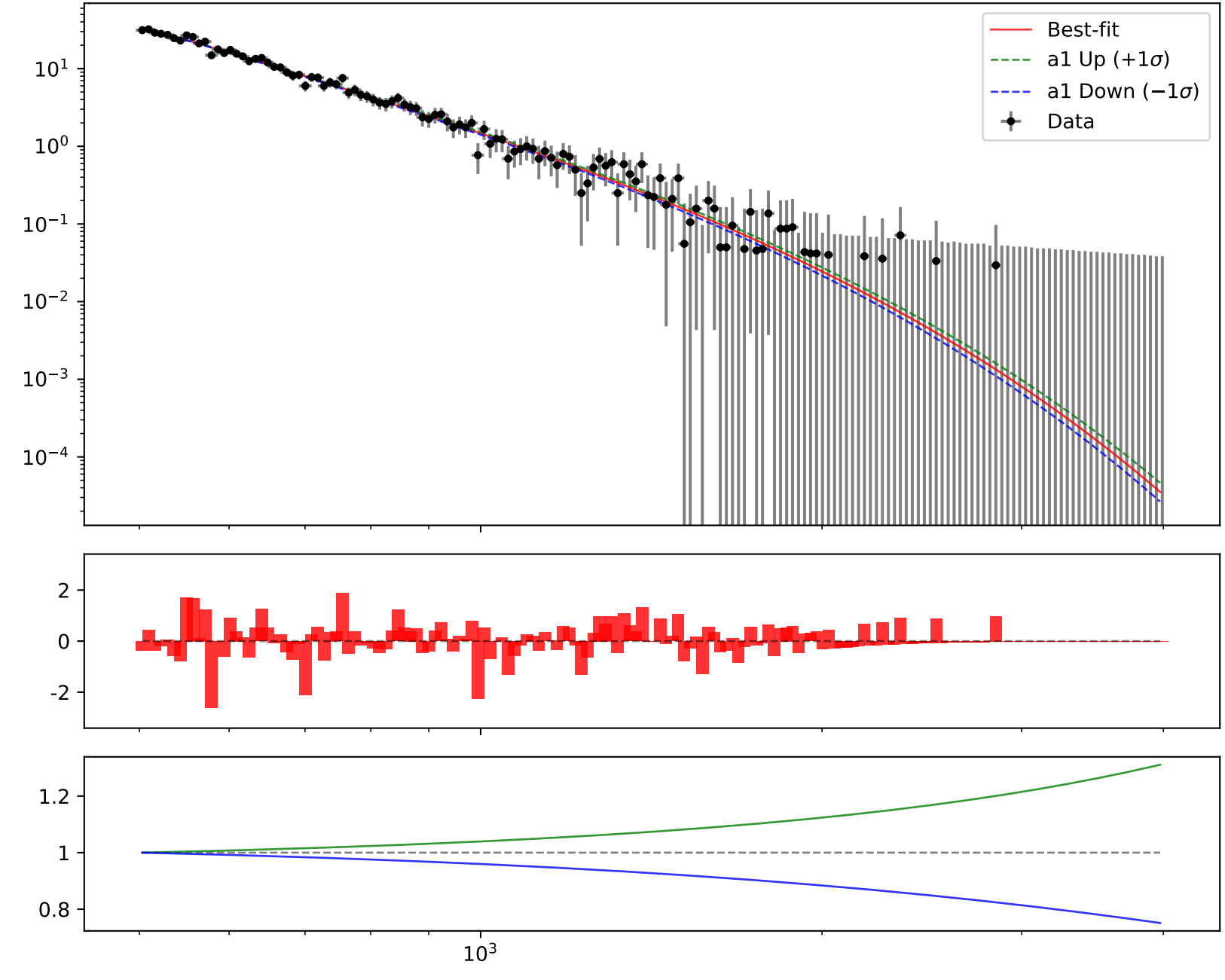
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

a1 = 3.371e−05 $^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, a2 = 0.0310135 $^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

Candidate #18

a3 = 0.641349 $^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



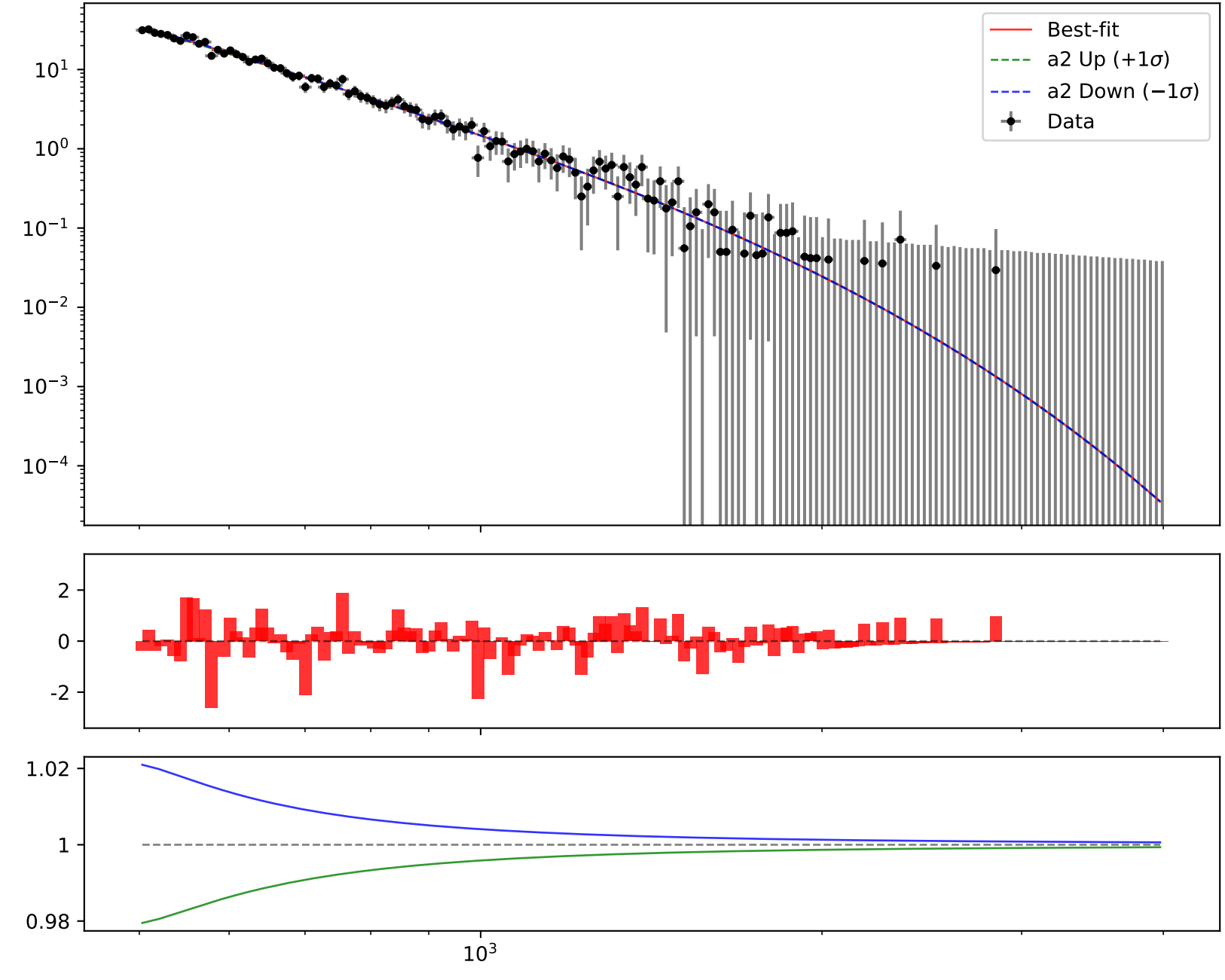
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, **$a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$**,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #18

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



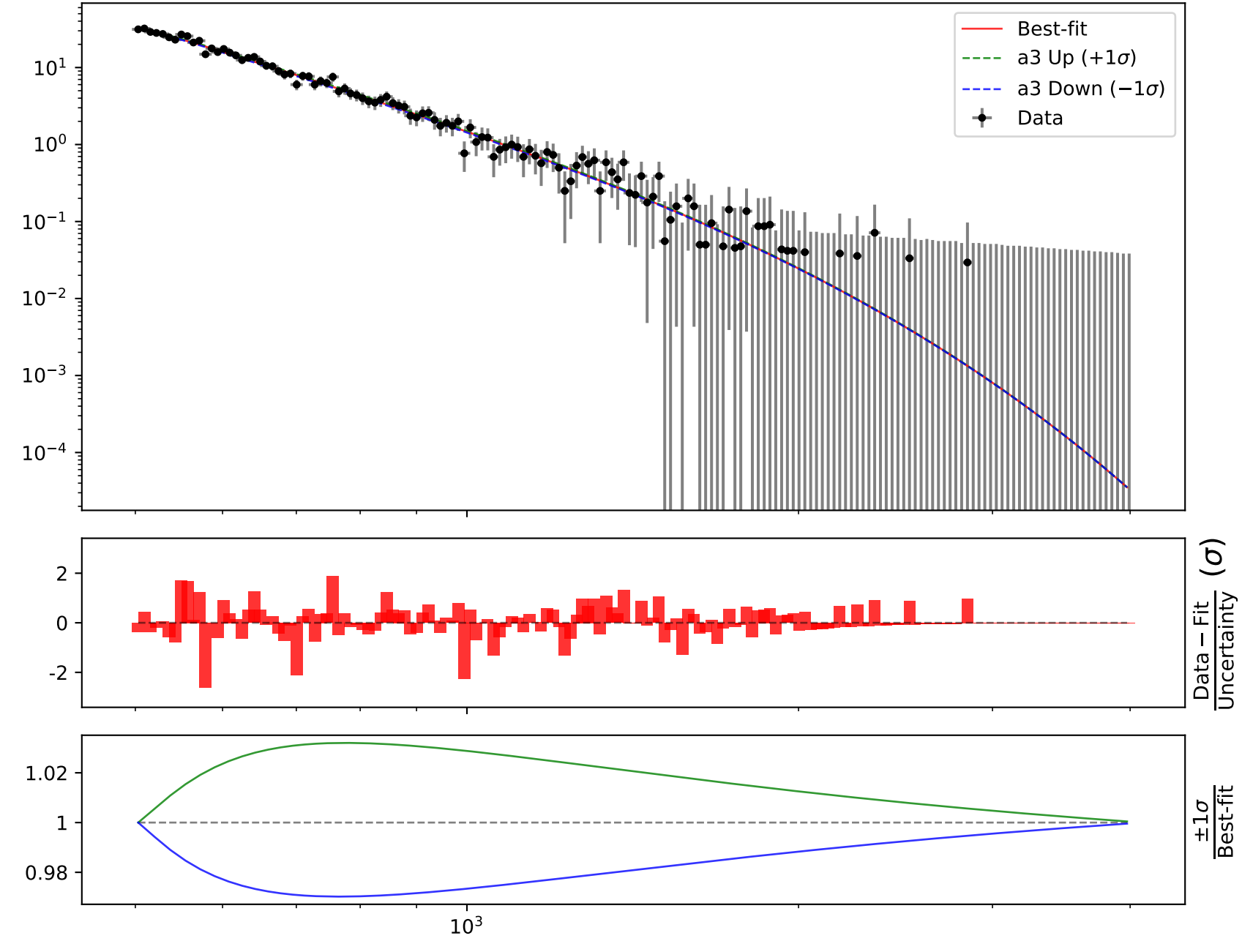
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #18

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



Candidate function #17

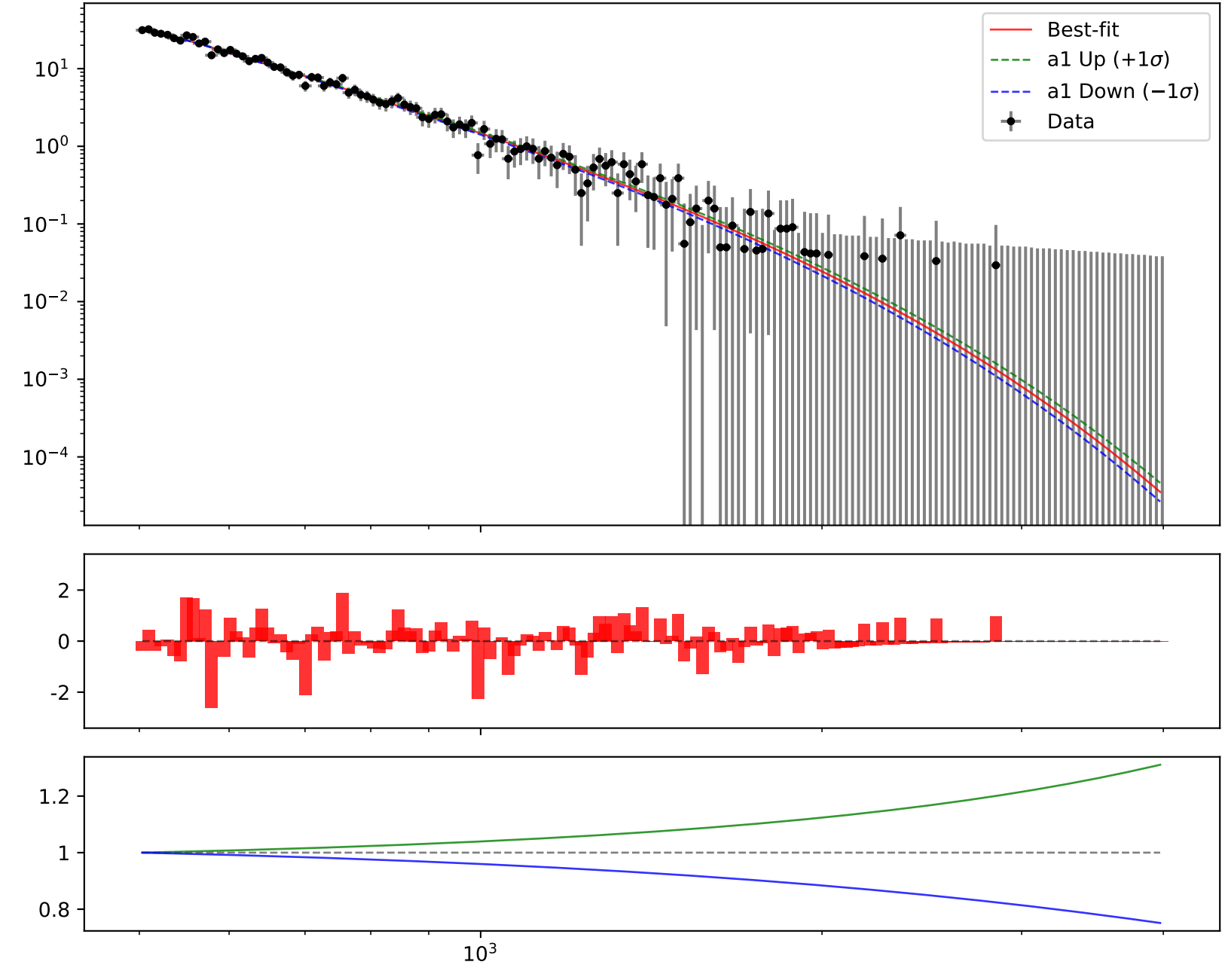
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

a1 = 3.371e − 05$^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, a2 = 0.0310135$^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

Candidate #17

a3 = 0.641349$^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



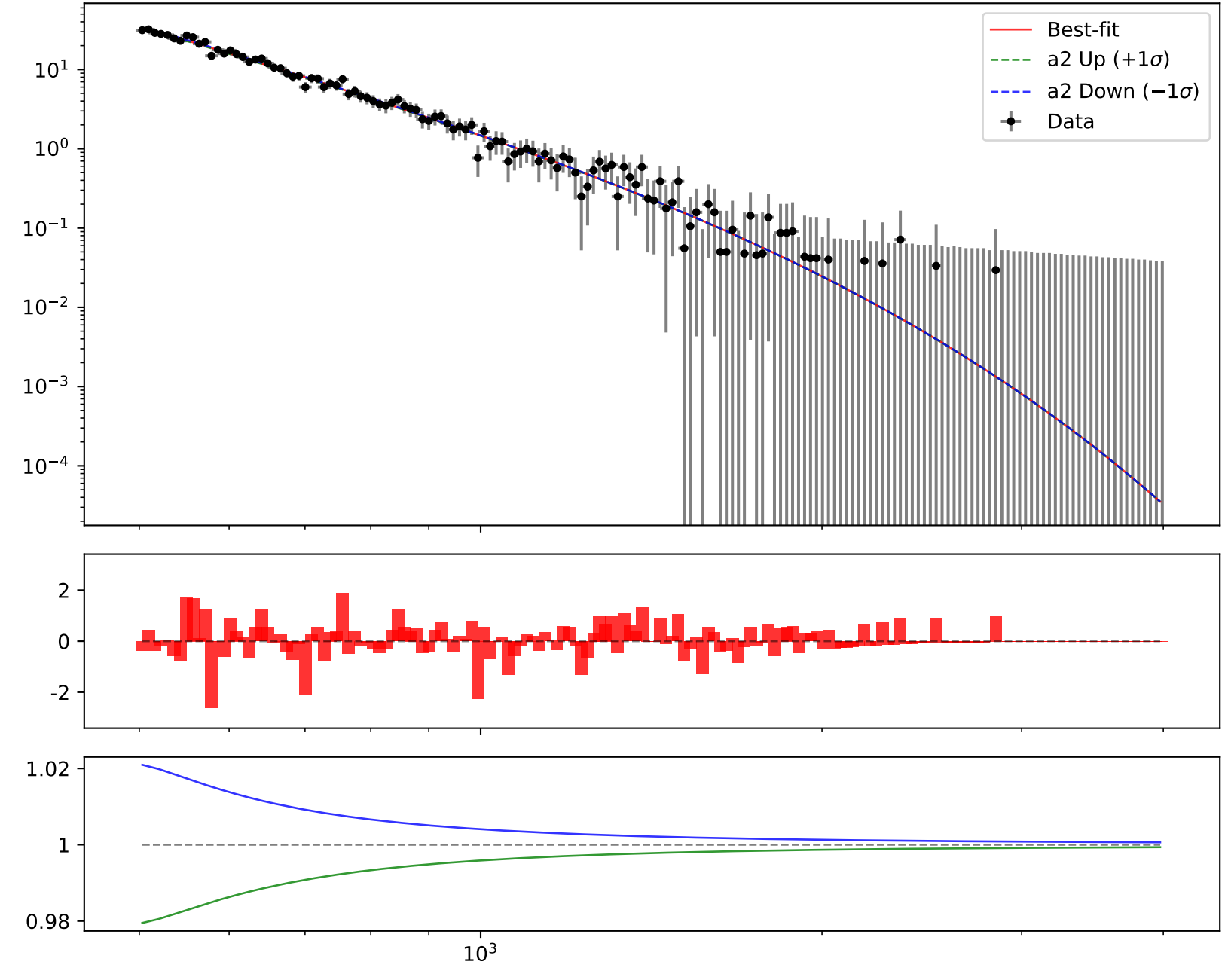
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, **$a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$**,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #17

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



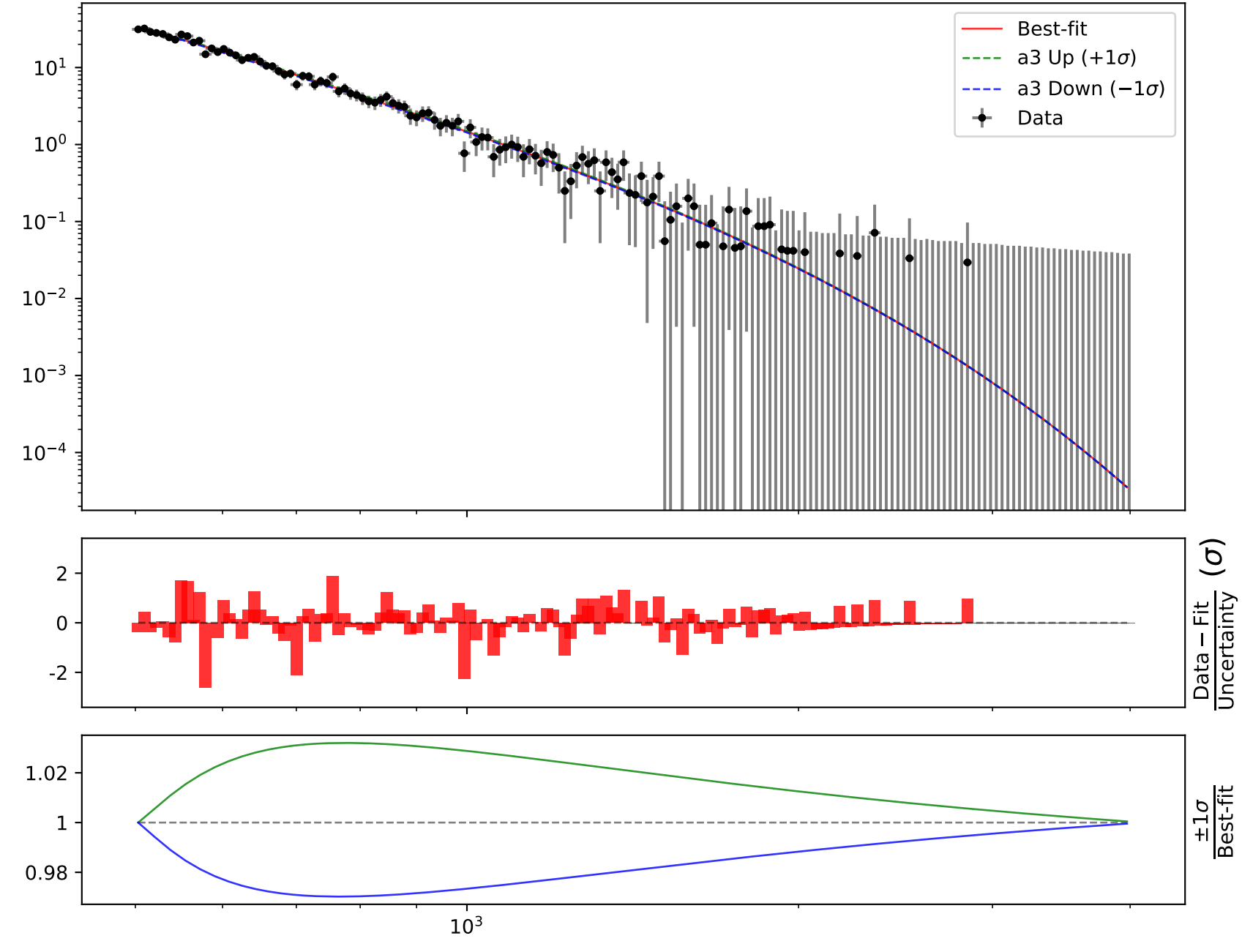
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #17

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



Candidate function #16

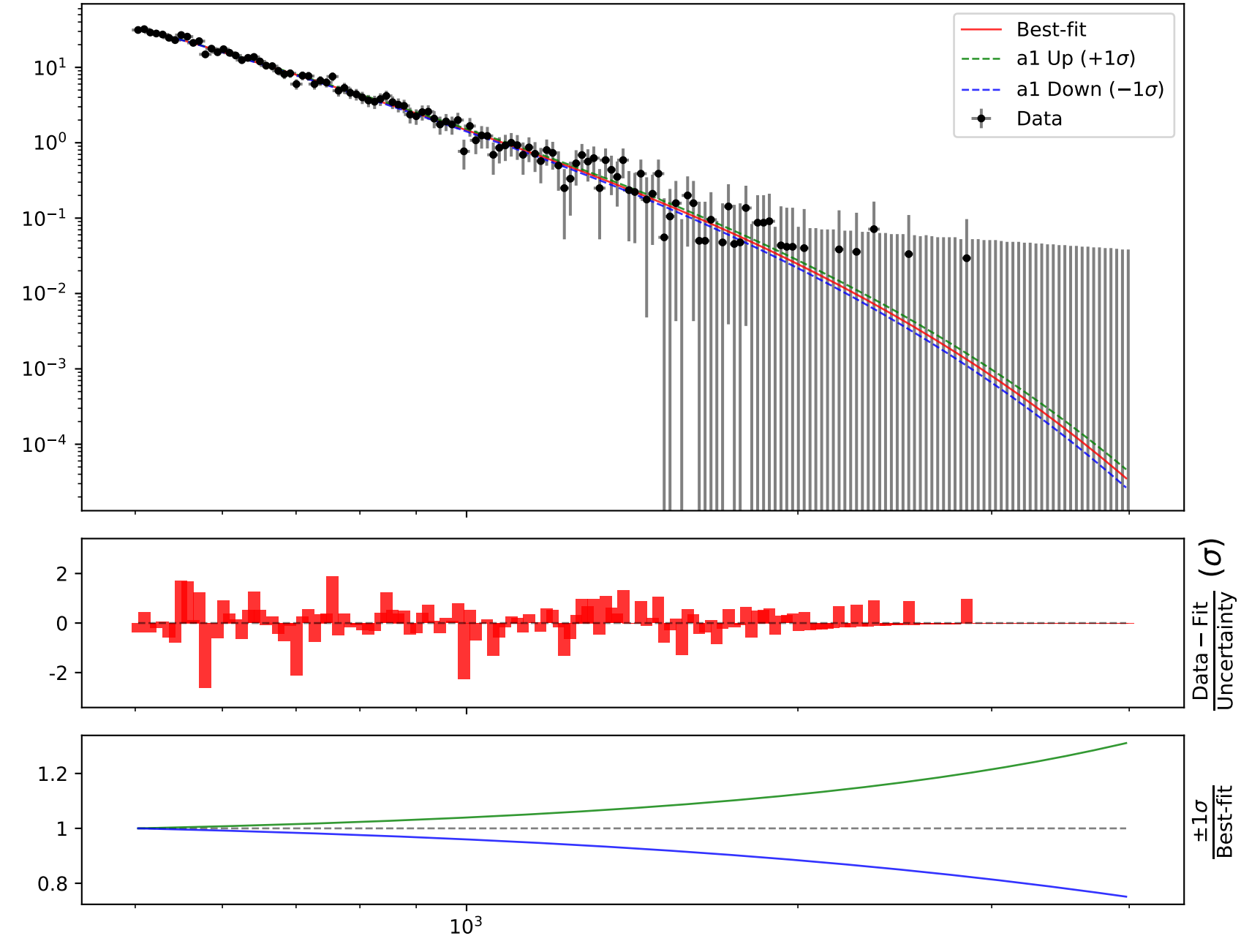
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

a1 = 3.371e − 05 $^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, a2 = 0.0310135 $^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

Candidate #16

a3 = 0.641349 $^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



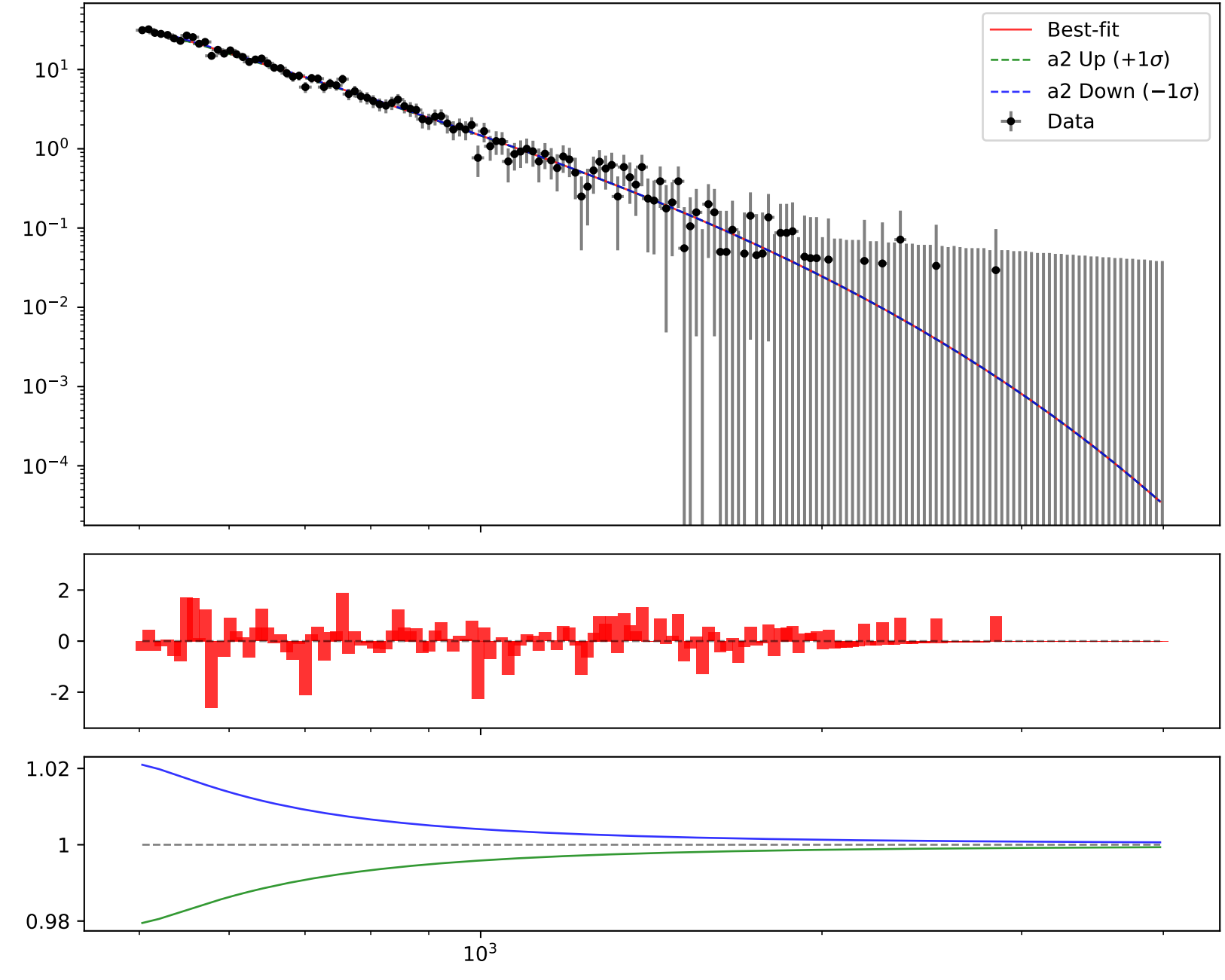
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, **$a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$**,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #16

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



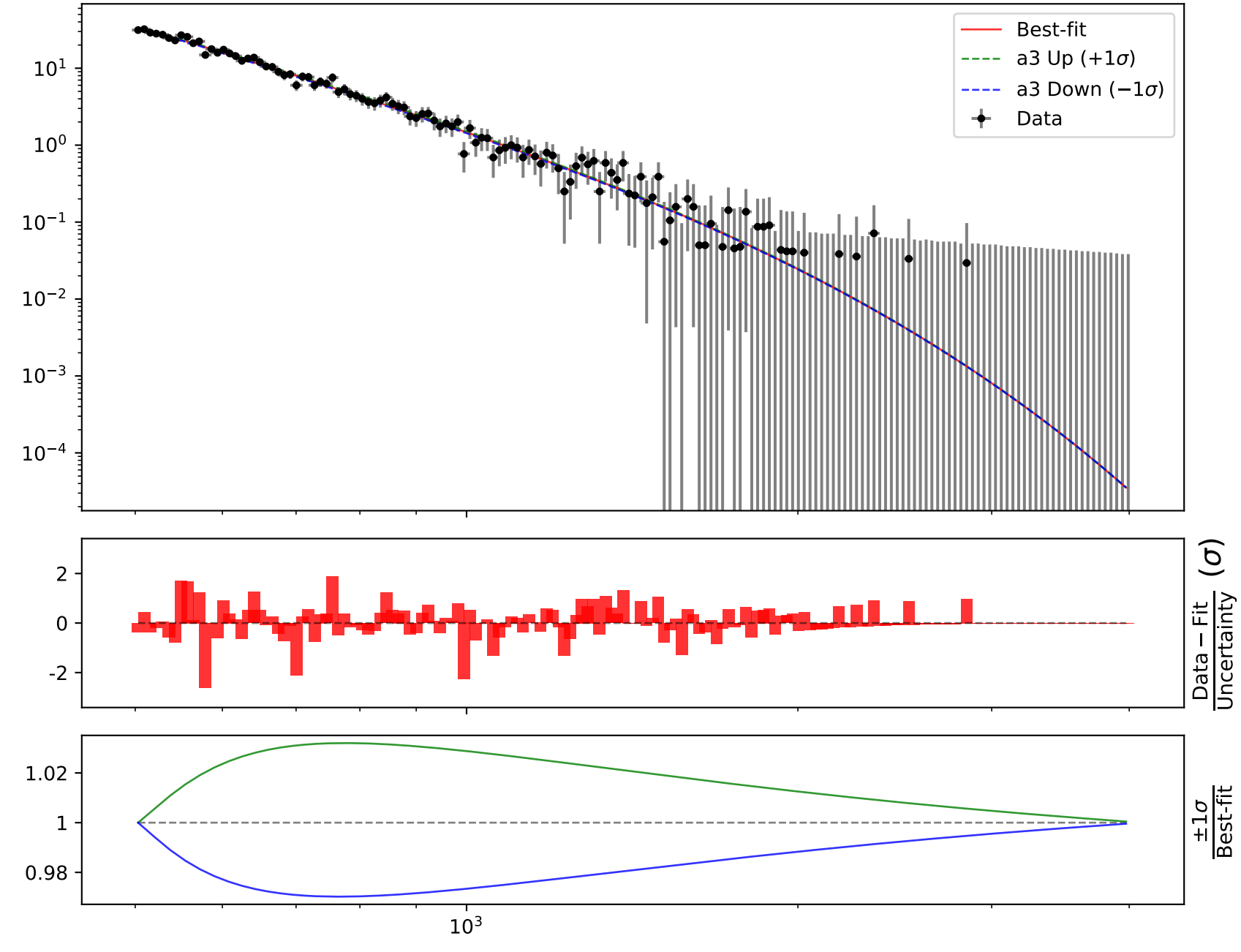
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #16

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



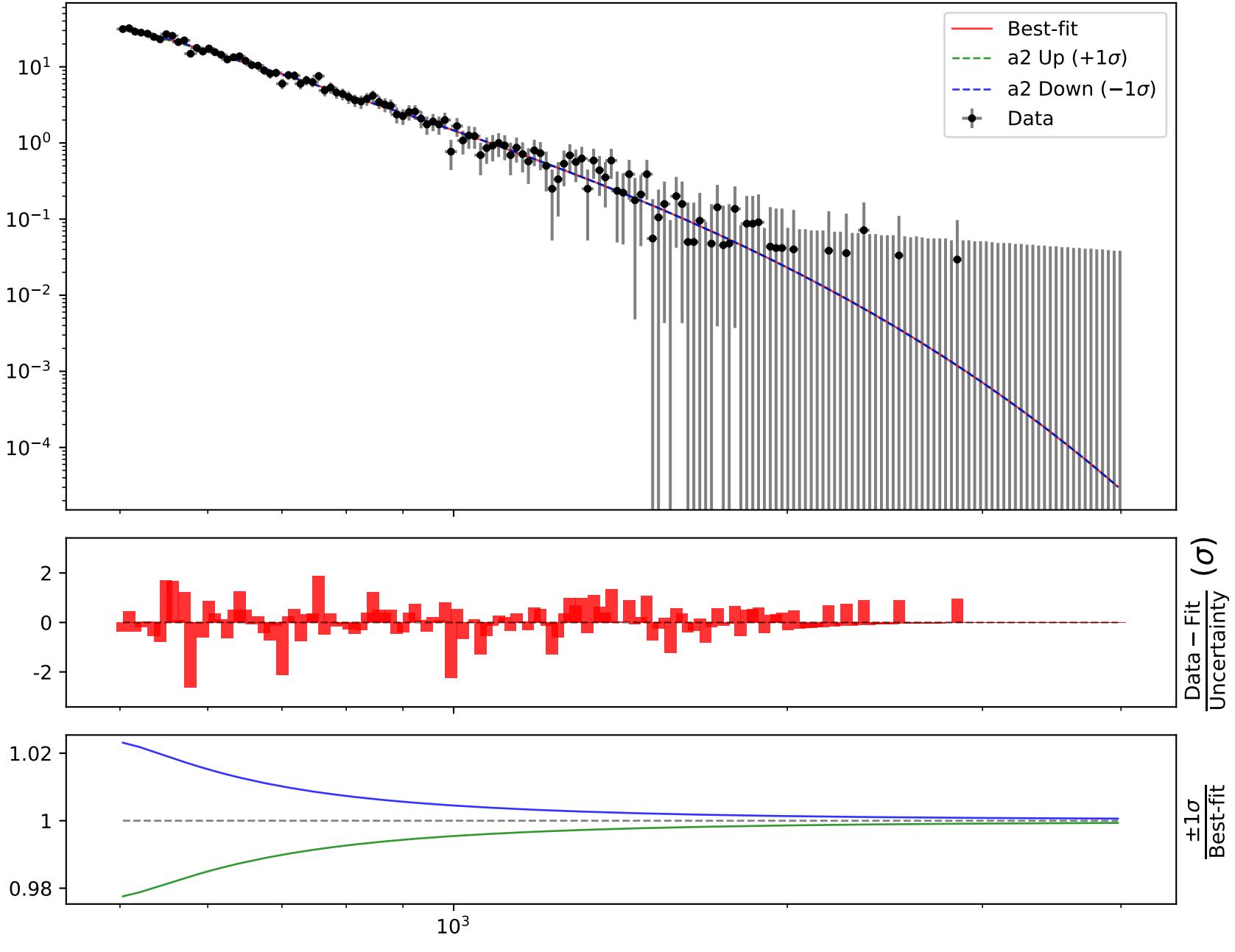
Candidate function #15

1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(tanh(((x0 - 503.0) * 0.000286615))**2)**a3))

$a1 = 3.2e-05$, $\mathbf{a2 = 0.0310332^{+0.000711(2.29\%)}_{-0.0007013(2.26\%)}}$,
$a3 = 0.639925^{+0.02328(3.64\%)}_{-0.02242(3.5\%)}$, $a4 = 1.53161^{+0.1817(11.9\%)}_{-0.157(10.3\%)}$

Candidate #15

χ^2/NDF = 64.27/166, RMSE = 0.6643, R2 = 0.9915



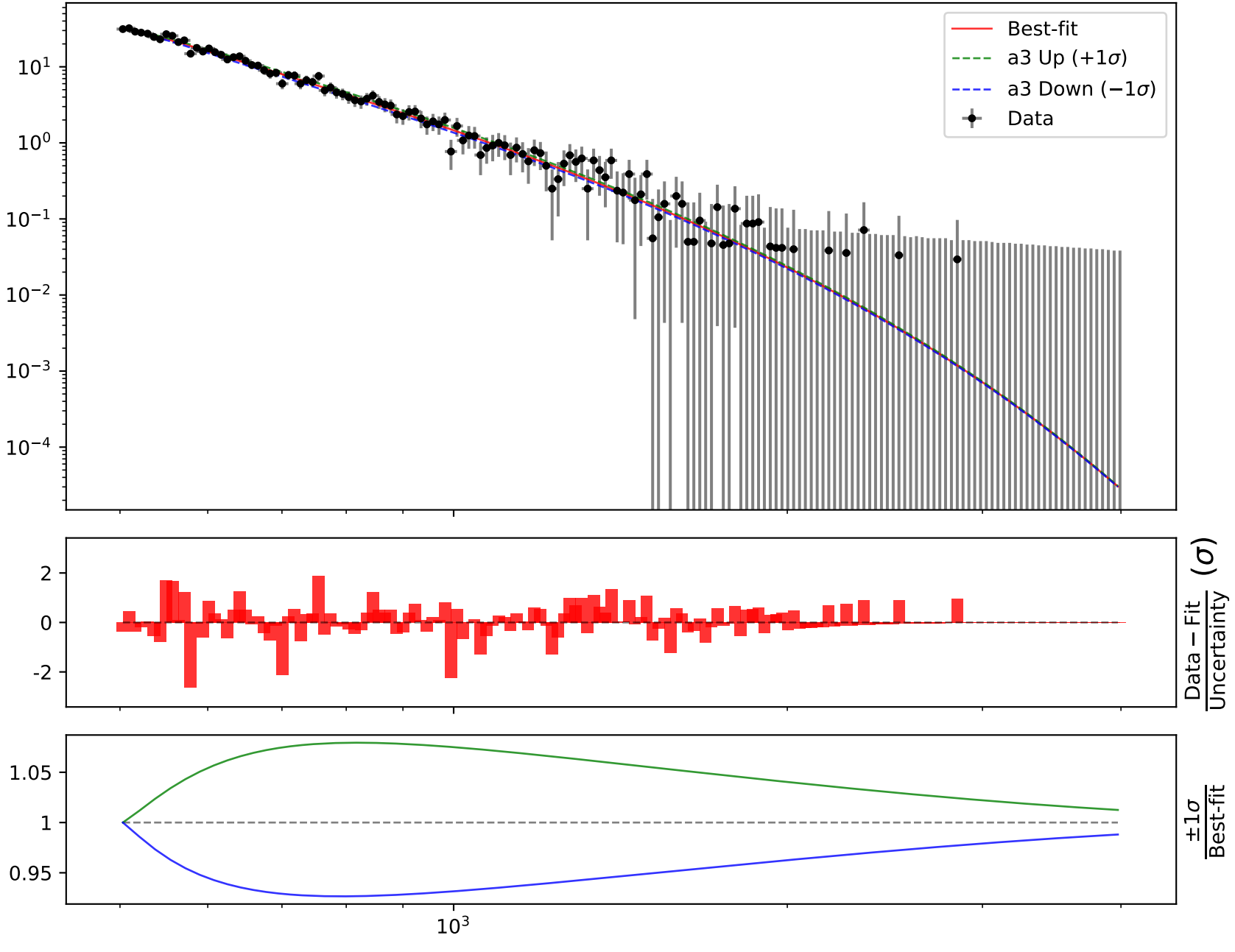
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(tanh(((x0 - 503.0) * 0.000286615))**2)**a3))

$a1 = 3.2e-05$, $a2 = 0.0310332^{+0.000711(2.29\%)}_{-0.0007013(2.26\%)}$,

$a3 = 0.639925^{+0.02328(3.64\%)}_{-0.02242(3.5\%)}$, $a4 = 1.53161^{+0.1817(11.9\%)}_{-0.157(10.3\%)}$

Candidate #15

χ^2/NDF = 64.27/166, RMSE = 0.6643, R2 = 0.9915



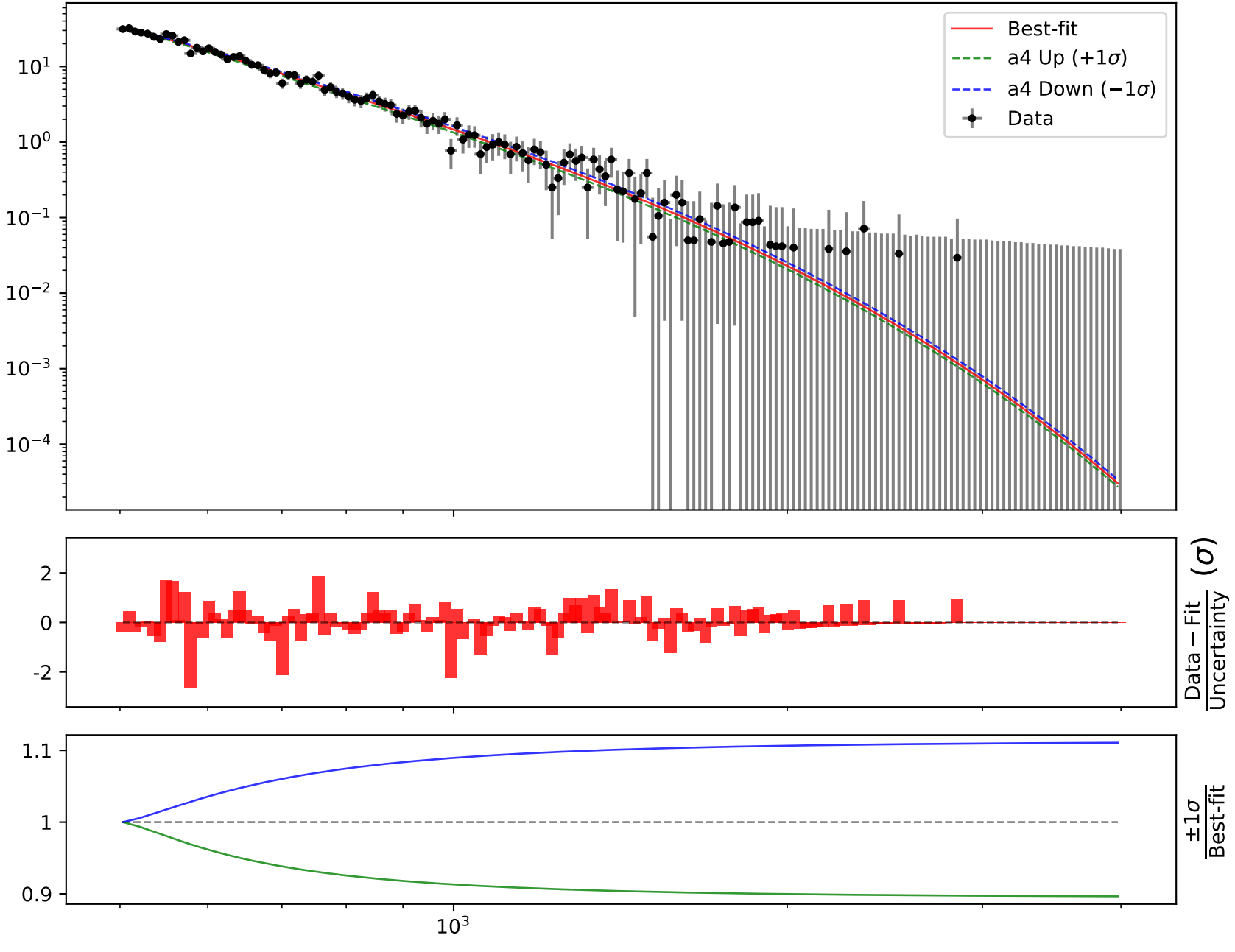
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(tanh(((x0 - 503.0) * 0.000286615))**2)**a3))

$a1 = 3.2e-05$, $a2 = 0.0310332^{+0.000711(2.29\%)}_{-0.0007013(2.26\%)}$,

$a3 = 0.639925^{+0.02328(3.64\%)}_{-0.02242(3.5\%)}$, $\mathbf{a4 = 1.53161^{+0.1817(11.9\%)}_{-0.157(10.3\%)}}$

Candidate #15

χ^2/NDF = 64.27/166, RMSE = 0.6643, R2 = 0.9915



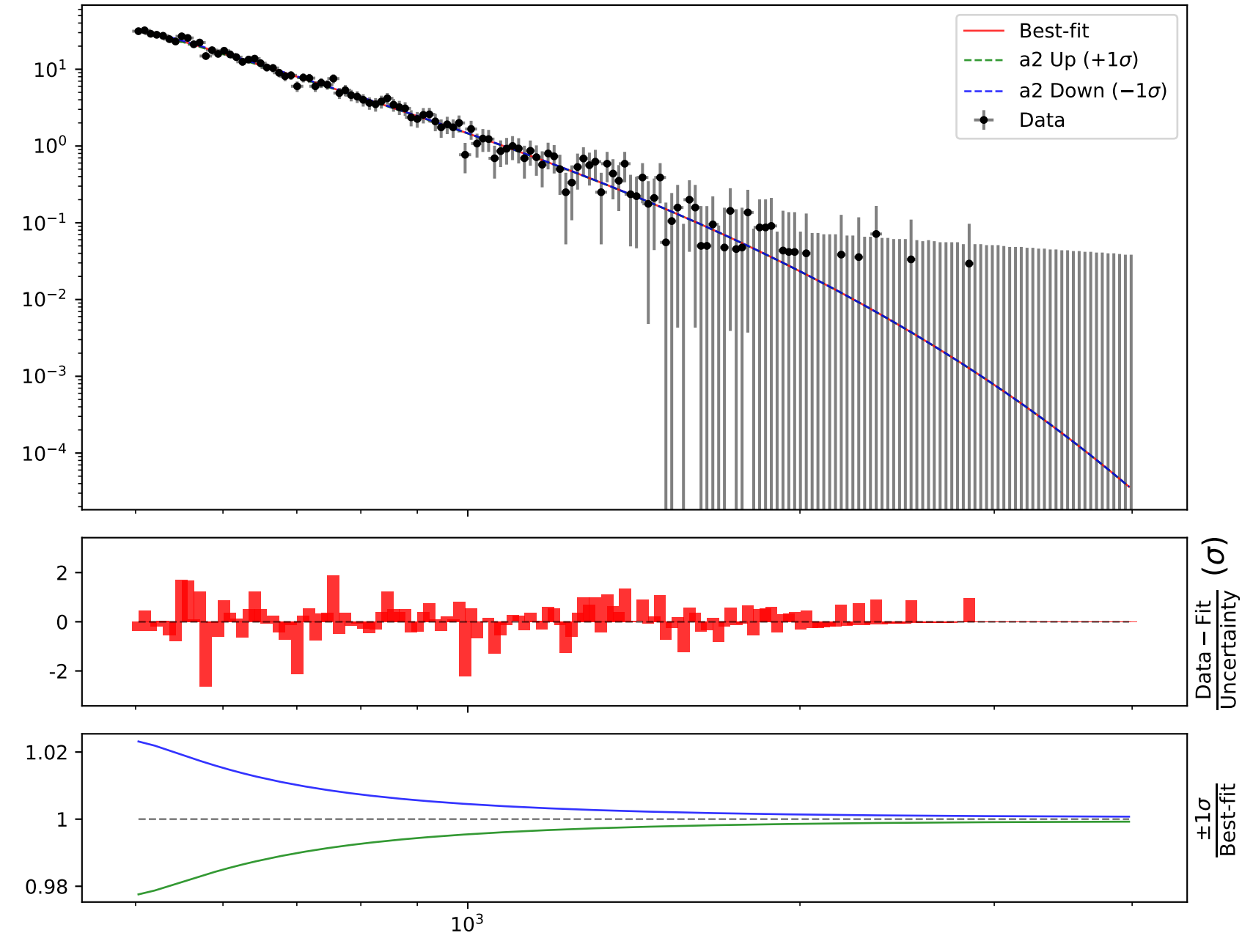
Candidate function #14

1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + tanh(a4*(((x0 - 503.0) * 0.000286615)**2)**a3)))

$a1 = 3.25e-05$, $\mathbf{a2 = 0.031045^{+0.0007121(2.29\%)}_{-0.0007024(2.26\%)}}$,
$a3 = 0.640457^{+0.02353(3.67\%)}_{-0.02263(3.53\%)}$, $a4 = 1.5365^{+0.185(12.0\%)}_{-0.1593(10.4\%)}$

Candidate #14

χ^2/NDF = 64.22/166, RMSE = 0.6641, R2 = 0.9915



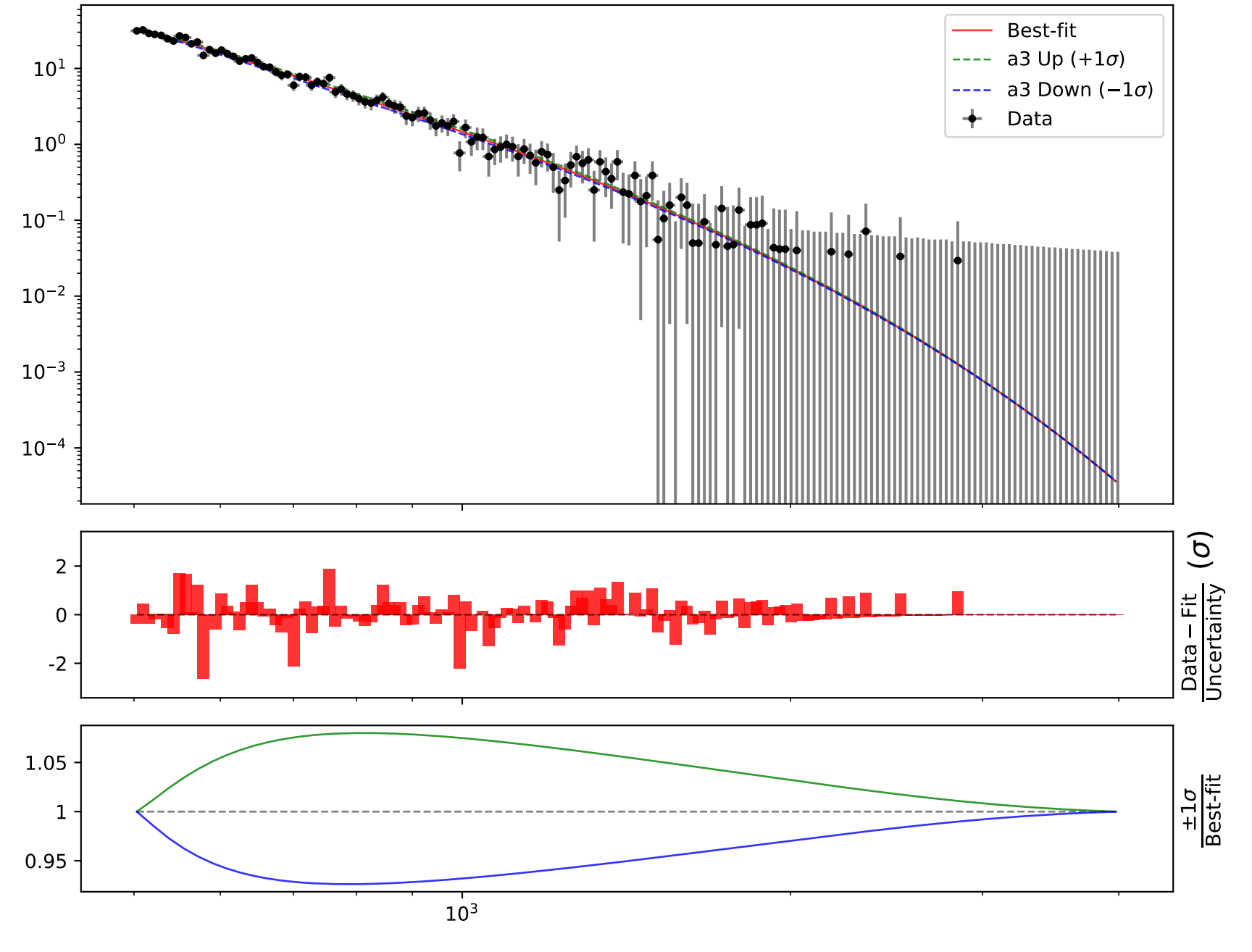
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + tanh(a4*(((x0 - 503.0) * 0.000286615)**2)**a3)))

$a1 = 3.25e-05$, $a2 = 0.031045^{+0.0007121(2.29\%)}_{-0.0007024(2.26\%)}$,

$a3 = 0.640457^{+0.02353(3.67\%)}_{-0.02263(3.53\%)}$, $a4 = 1.5365^{+0.185(12.0\%)}_{-0.1593(10.4\%)}$

Candidate #14

χ^2/NDF = 64.22/166, RMSE = 0.6641, R2 = 0.9915



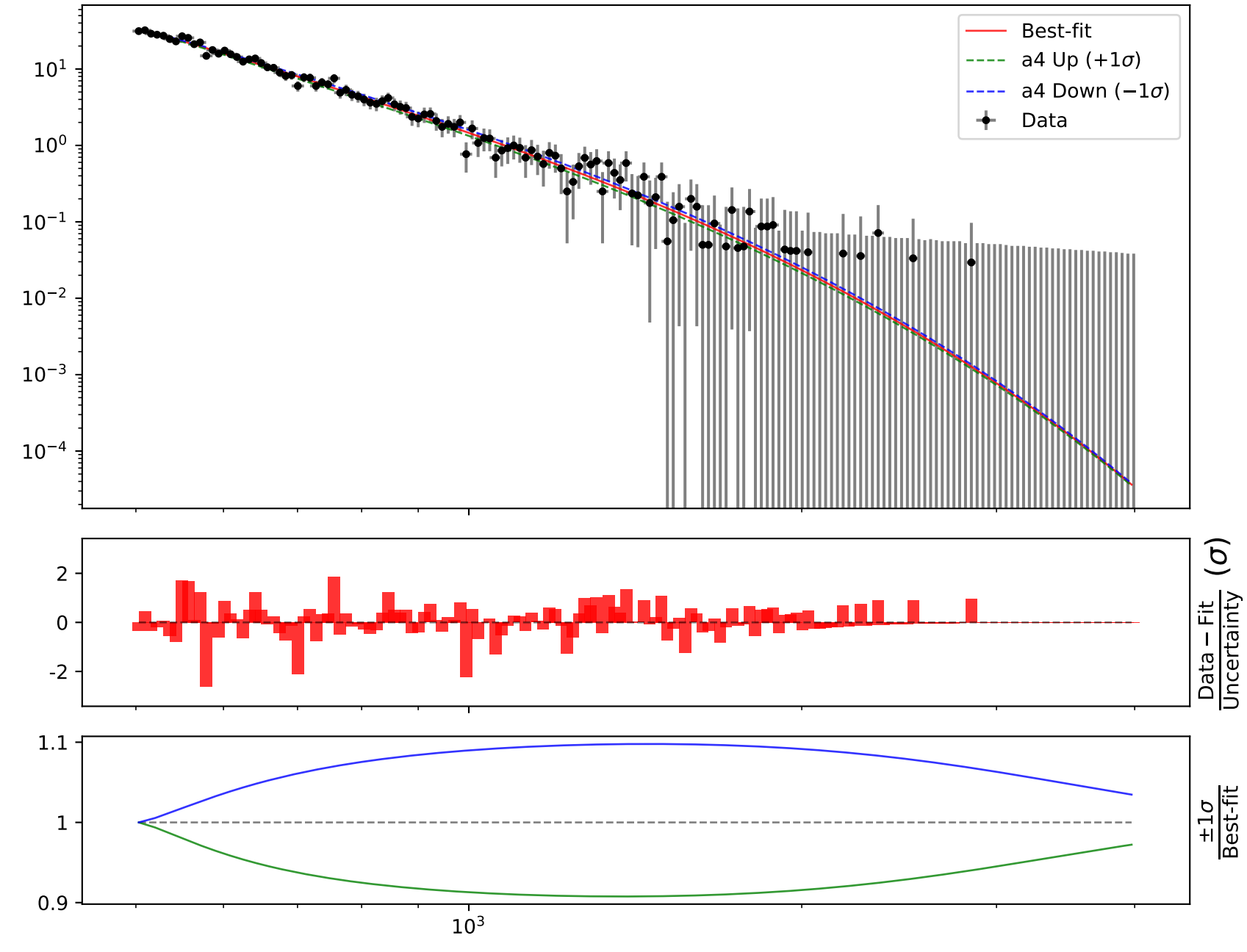
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + tanh(a4*(((x0 - 503.0) * 0.000286615)**2)**a3)))

$a1 = 3.25e-05$, $a2 = 0.031045^{+0.0007121(2.29\%)}_{-0.0007024(2.26\%)}$,

$a3 = 0.640457^{+0.02353(3.67\%)}_{-0.02263(3.53\%)}$, **$a4 = 1.5365^{+0.185(12.0\%)}_{-0.1593(10.4\%)}$**

Candidate #14

χ^2/NDF = 64.22/166, RMSE = 0.6641, R2 = 0.9915



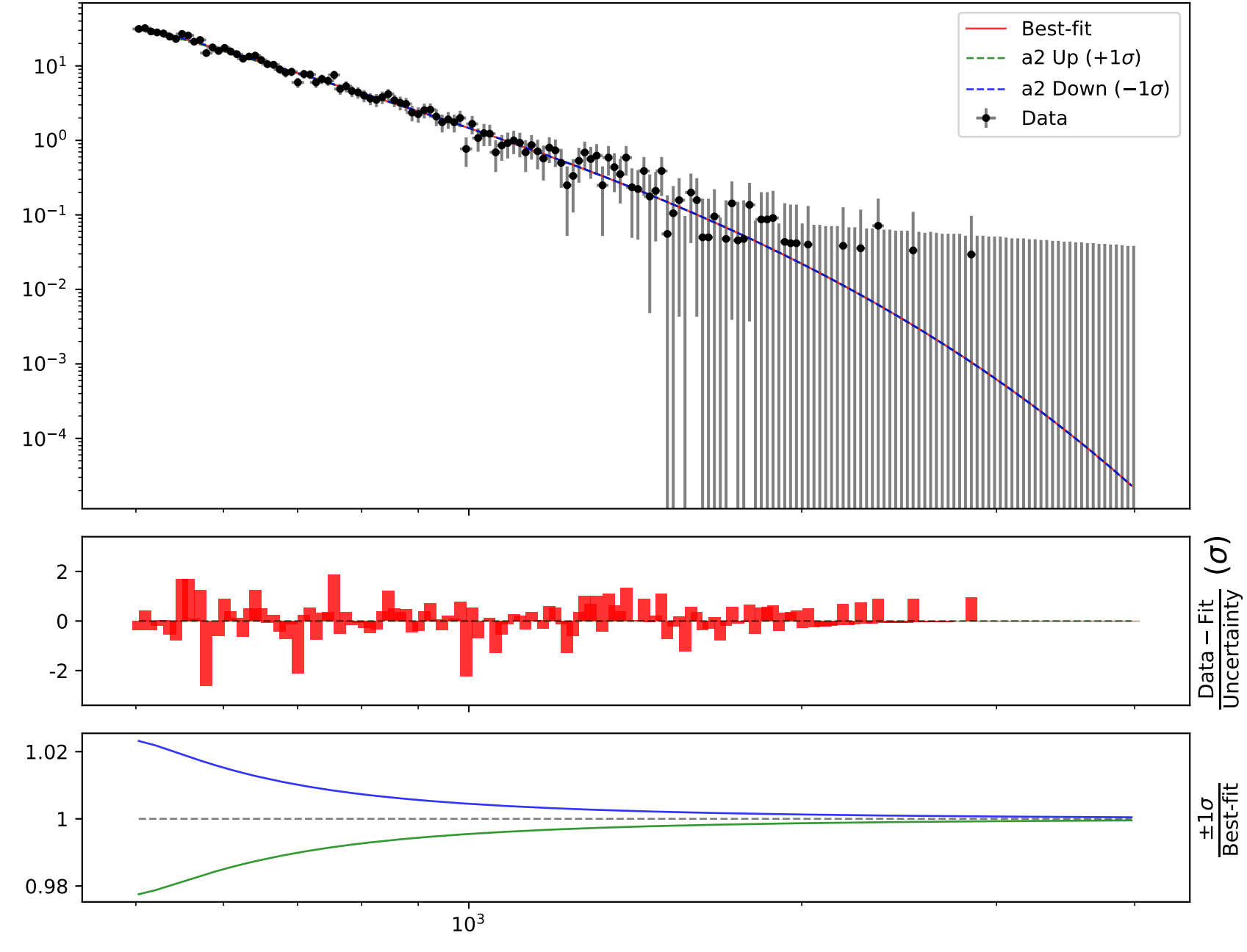
Candidate function #13

1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(((x0 - 503.0) * 0.000286615)**2)**a3))

$a1 = 3.38e-05$, $\mathbf{a2 = 0.0309952^{+0.0007121(2.3\%)}_{-0.0007023(2.27\%)}}$,
$a3 = 0.636993^{+0.02308(3.62\%)}_{-0.02223(3.49\%)}$, $a4 = 1.51345^{+0.1779(11.8\%)}_{-0.1538(10.2\%)}$

Candidate #13

χ^2/NDF = 64.45/166, RMSE = 0.6652, R2 = 0.9915



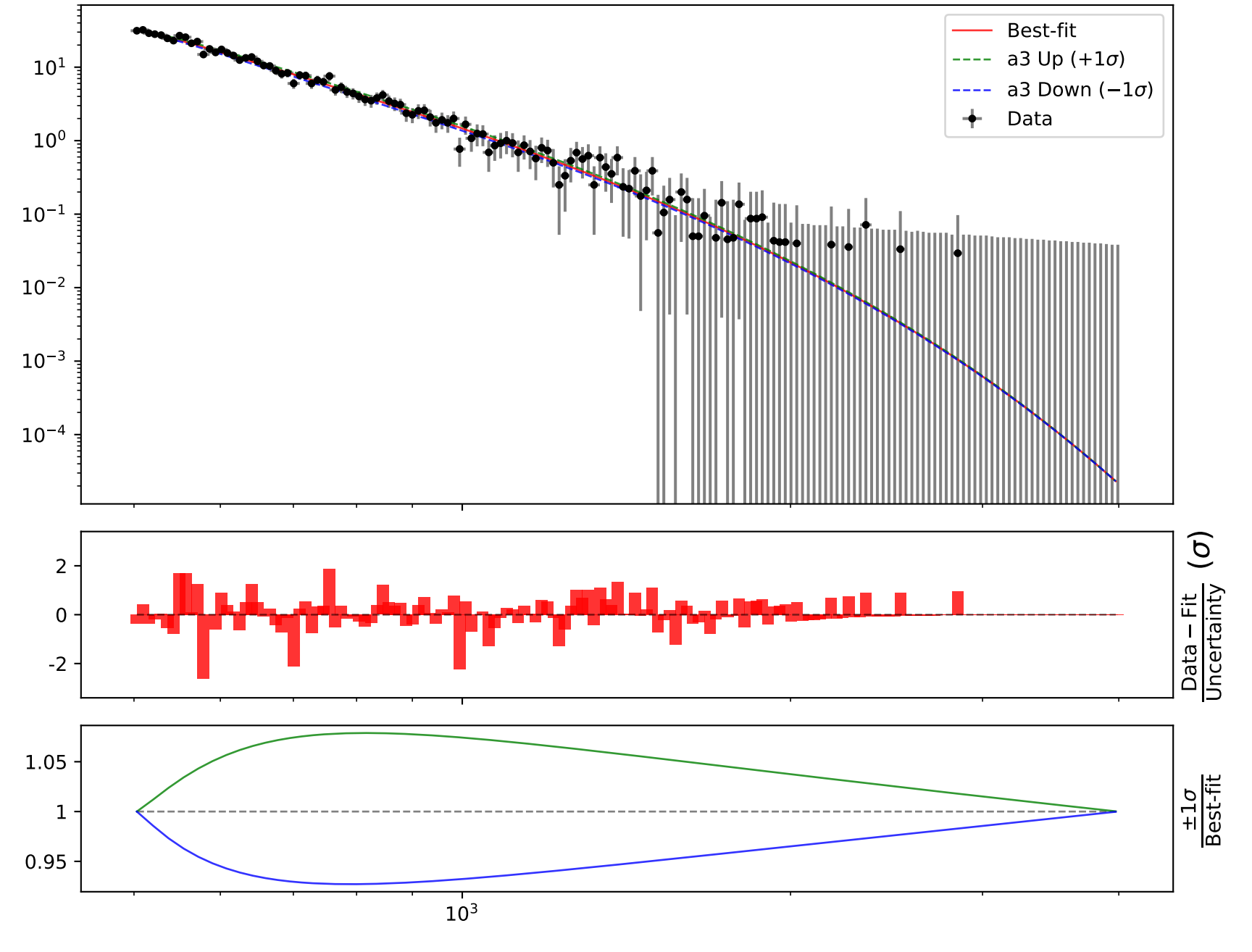
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(((x0 - 503.0) * 0.000286615)**2)**a3))

$a1 = 3.38e-05$, $a2 = 0.0309952^{+0.0007121(2.3\%)}_{-0.0007023(2.27\%)}$,

$a3 = 0.636993^{+0.02308(3.62\%)}_{-0.02223(3.49\%)}$, $a4 = 1.51345^{+0.1779(11.8\%)}_{-0.1538(10.2\%)}$

Candidate #13

χ^2/NDF = 64.45/166, RMSE = 0.6652, R2 = 0.9915



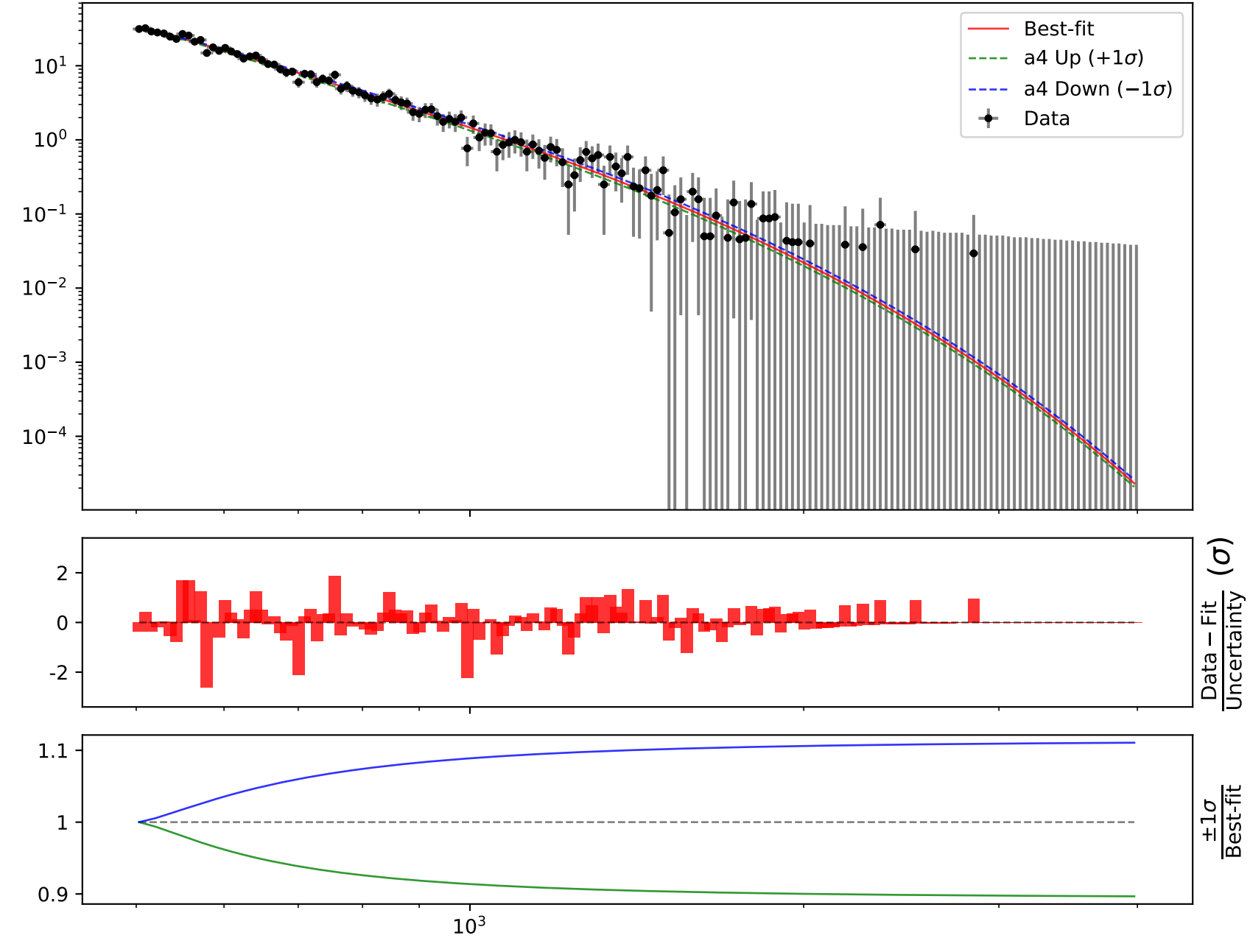
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(((x0 - 503.0) * 0.000286615)**2)**a3))

$a1 = 3.38e-05$, $a2 = 0.0309952^{+0.0007121(2.3\%)}_{-0.0007023(2.27\%)}$,

$a3 = 0.636993^{+0.02308(3.62\%)}_{-0.02223(3.49\%)}$, $\mathbf{a4 = 1.51345^{+0.1779(11.8\%)}_{-0.1538(10.2\%)}}$

Candidate #13

χ^2/NDF = 64.45/166, RMSE = 0.6652, R2 = 0.9915



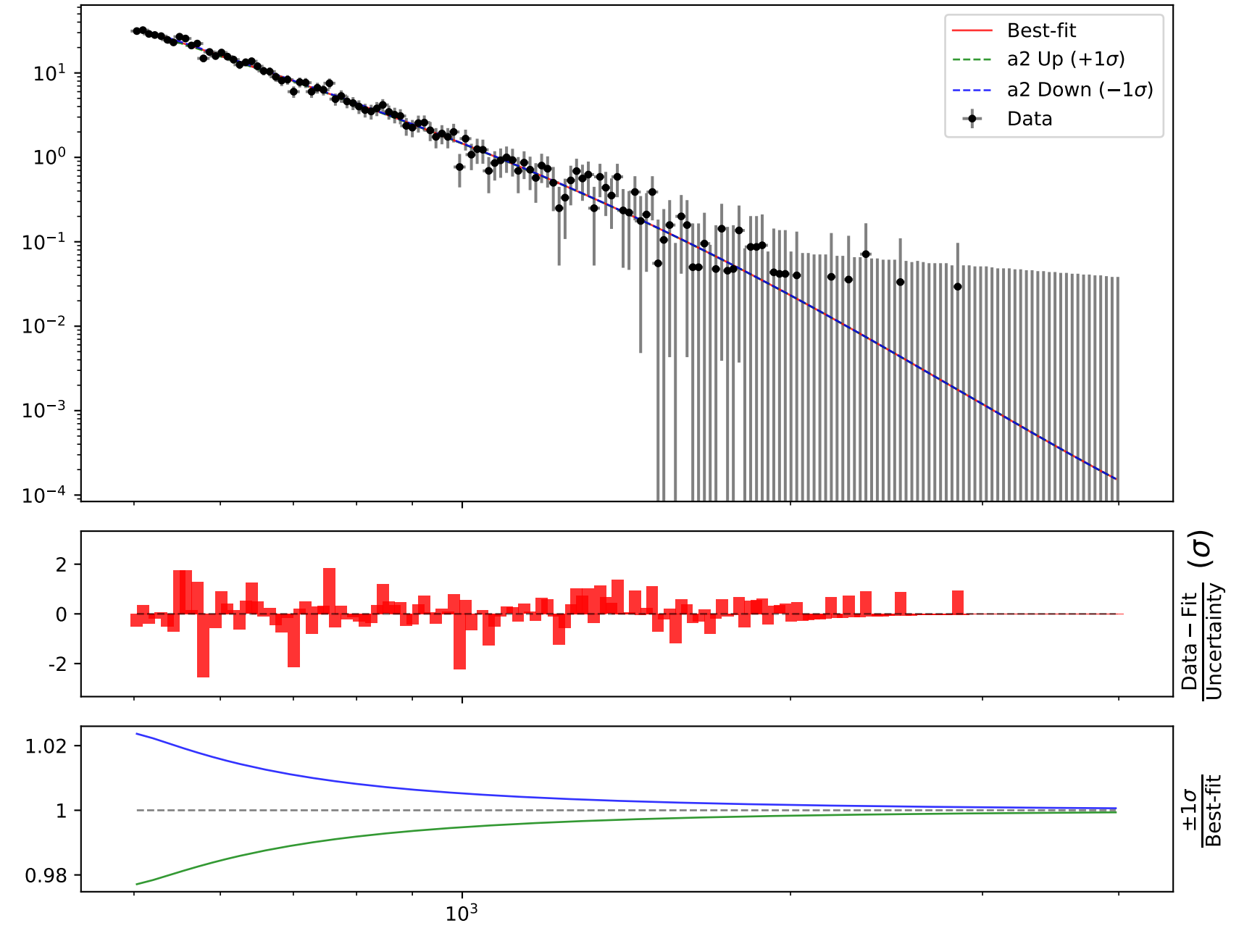
Candidate function #12

1.0*(a1**tanh(((x0 - 503.0) * 0.000286615))/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $\mathbf{a2 = 0.0307065^{+0.0007188(2.34\%)}_{-0.0007103(2.31\%)}}$,
$a3 = 1.10973^{+0.1354(12.2\%)}_{-0.1164(10.5\%)}$, $a4 = 1.20495^{+0.04813(3.99\%)}_{-0.04623(3.84\%)}$

Candidate #12

χ^2/NDF = 64.55/166, RMSE = 0.6719, R2 = 0.9913



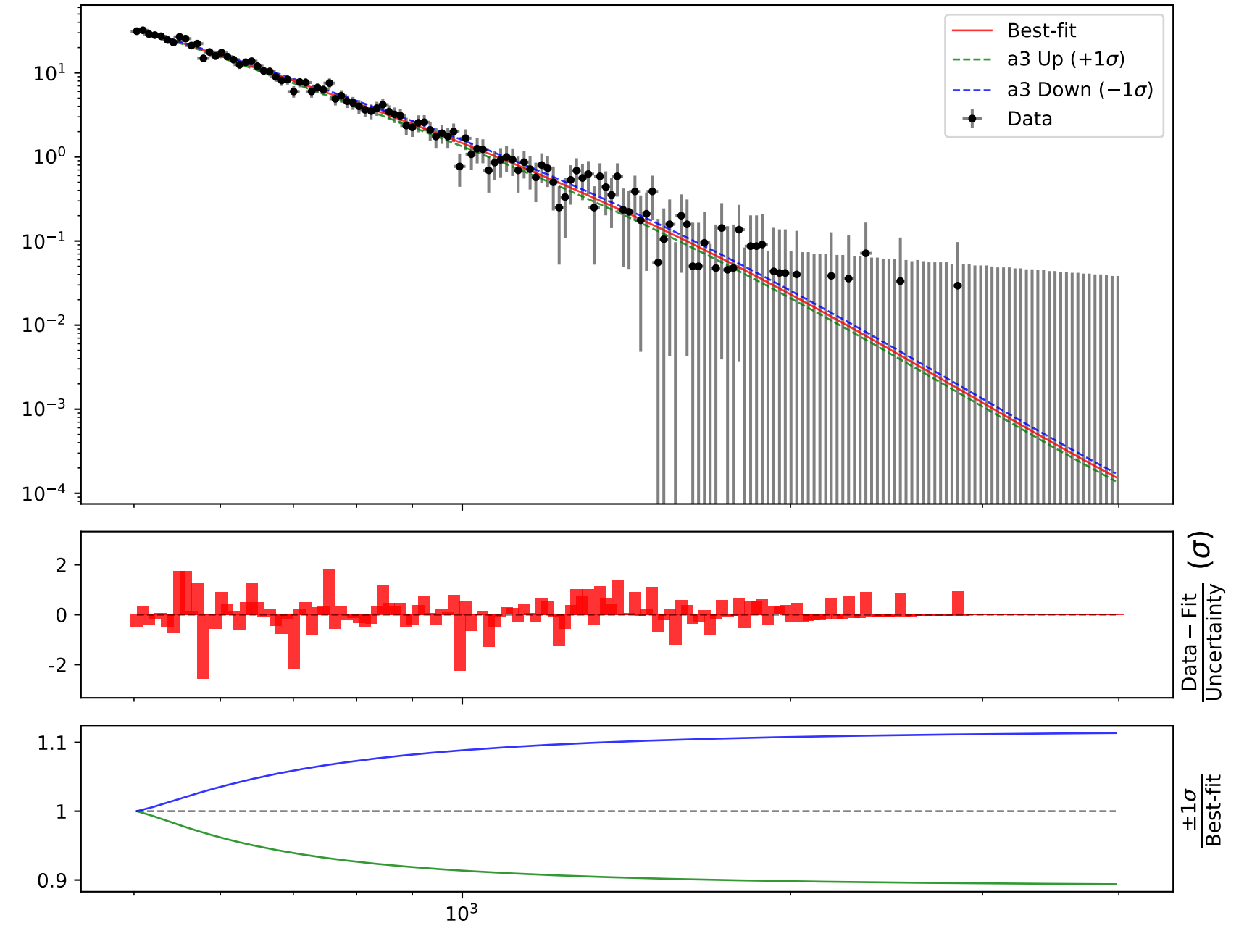
1.0*(a1**tanh(((x0 - 503.0) * 0.000286615))/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $a2 = 0.0307065^{+0.0007188(2.34\%)}_{-0.0007103(2.31\%)}$,

$a3 = 1.10973^{+0.1354(12.2\%)}_{-0.1164(10.5\%)}$, $a4 = 1.20495^{+0.04813(3.99\%)}_{-0.04623(3.84\%)}$

Candidate #12

χ^2/NDF = 64.55/166, RMSE = 0.6719, R2 = 0.9913



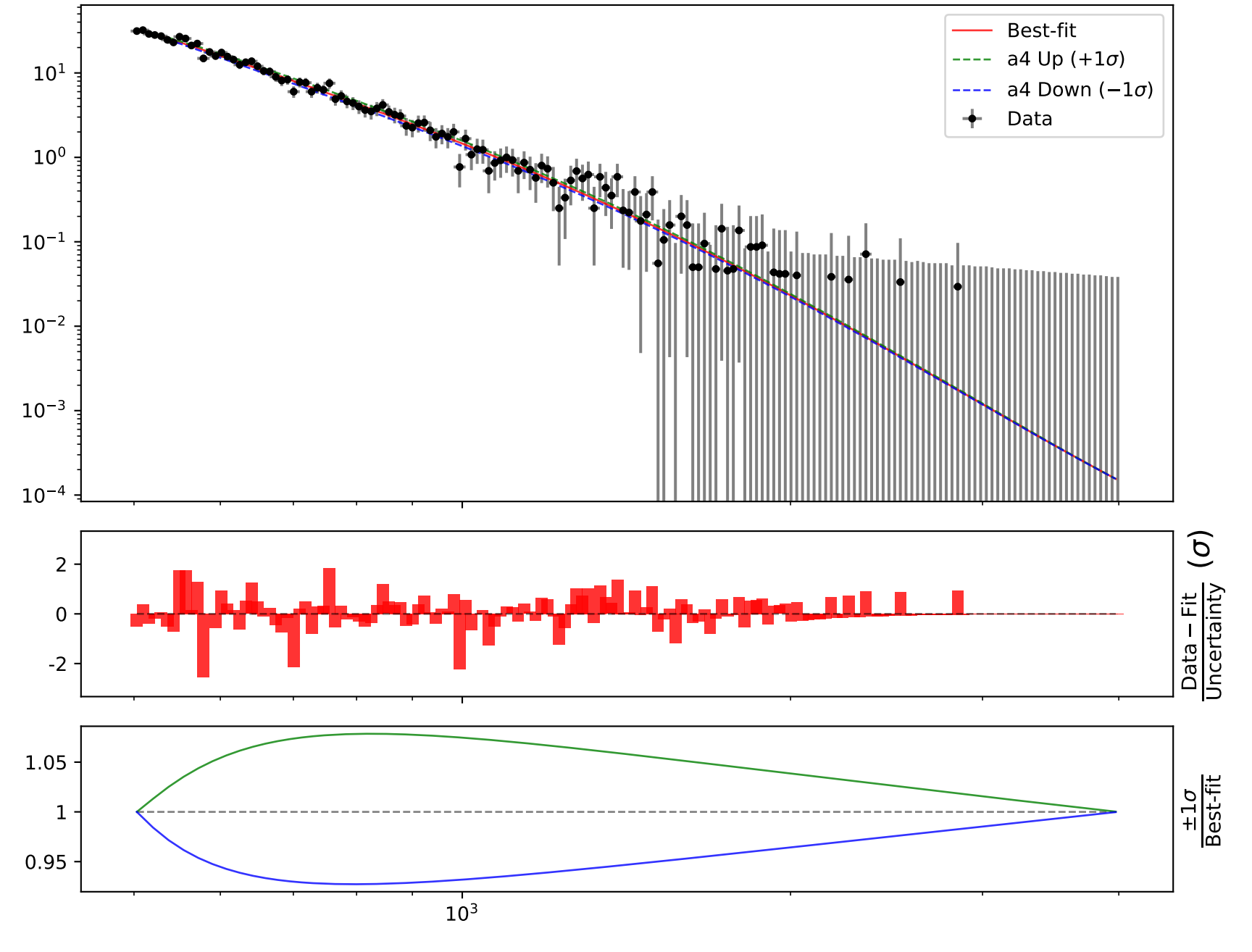
1.0*(a1**tanh(((x0 - 503.0) * 0.000286615))/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $a2 = 0.0307065^{+0.0007188(2.34\%)}_{-0.0007103(2.31\%)}$,

$a3 = 1.10973^{+0.1354(12.2\%)}_{-0.1164(10.5\%)}$, $\mathbf{a4 = 1.20495^{+0.04813(3.99\%)}_{-0.04623(3.84\%)}}$

Candidate #12

χ^2/NDF = 64.55/166, RMSE = 0.6719, R2 = 0.9913



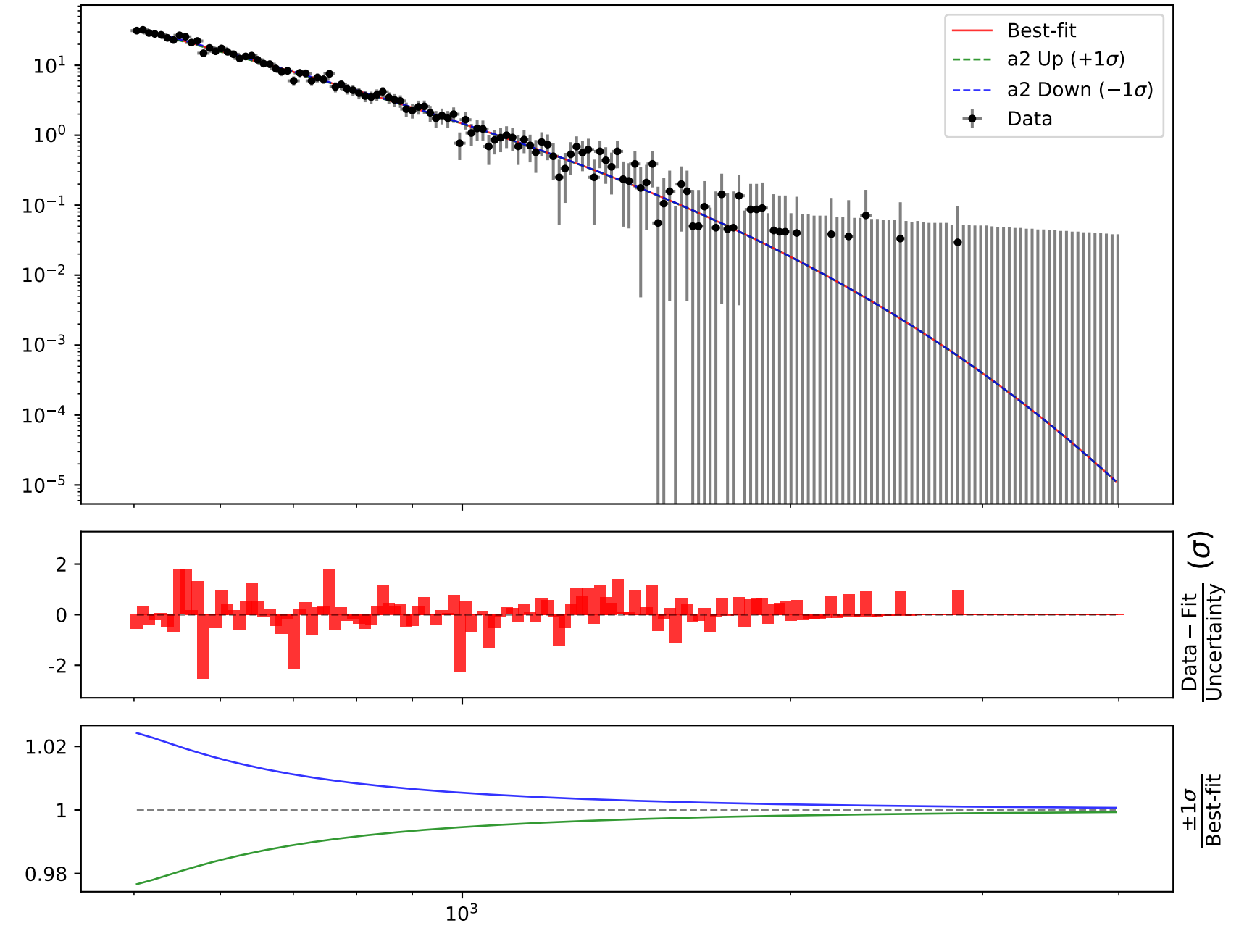
Candidate function #11

1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $\mathbf{a2 = 0.0305728^{+0.0007311(2.39\%)}_{-0.0007226(2.36\%)}}$,
$a3 = 1.0421^{+0.1295(12.4\%)}_{-0.1112(10.7\%)}$, $a4 = 1.18276^{+0.0488(4.13\%)}_{-0.04687(3.96\%)}$

Candidate #11

χ^2/NDF = 65.81/166, RMSE = 0.6761, R2 = 0.9912



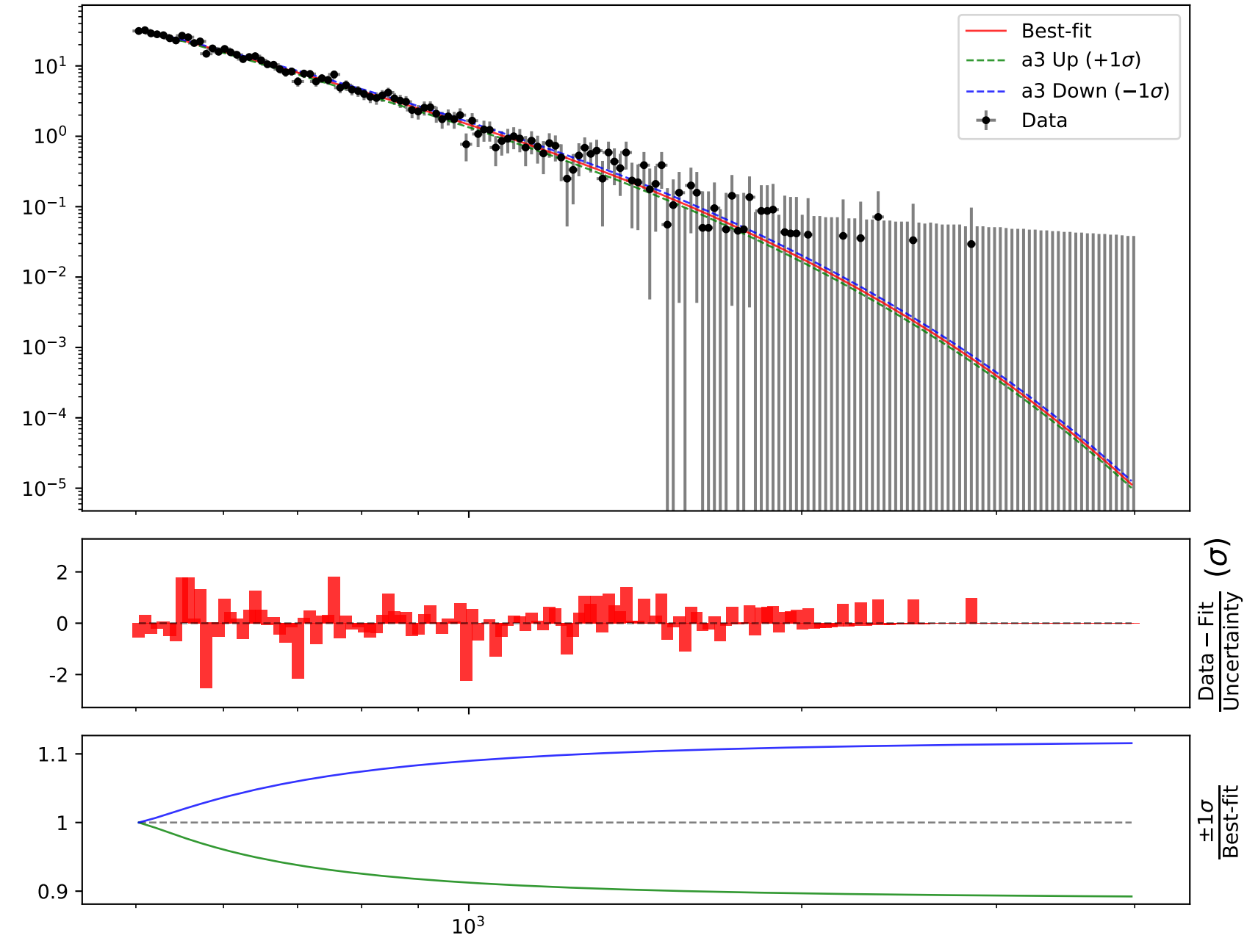
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $a2 = 0.0305728^{+0.0007311(2.39\%)}_{-0.0007226(2.36\%)}$,

$a3 = 1.0421^{+0.1295(12.4\%)}_{-0.1112(10.7\%)}$, $a4 = 1.18276^{+0.0488(4.13\%)}_{-0.04687(3.96\%)}$

Candidate #11

χ^2/NDF = 65.81/166, RMSE = 0.6761, R2 = 0.9912

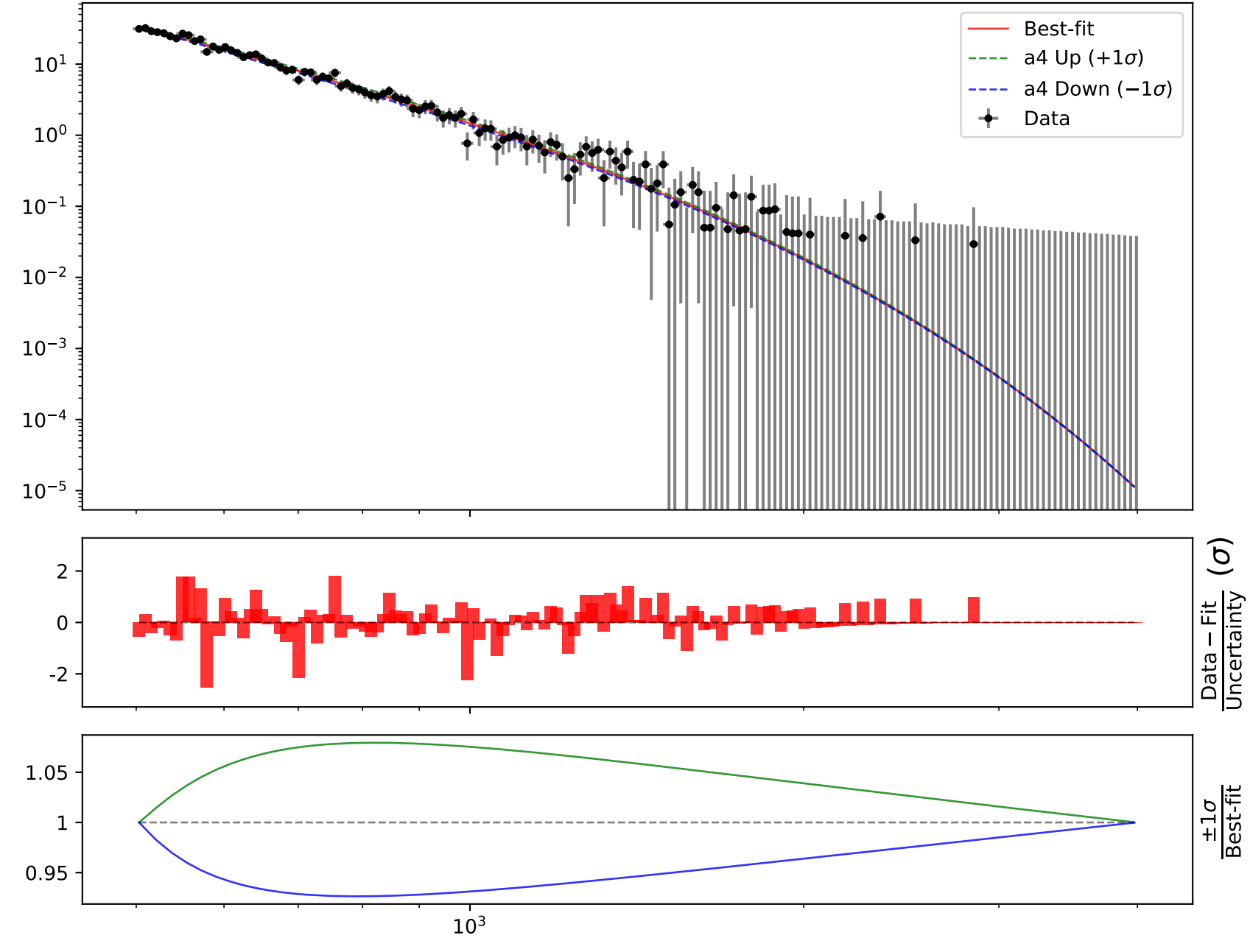


1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

$a1 = 1.14e-05$, $a2 = 0.0305728^{+0.0007311(2.39\%)}_{-0.0007226(2.36\%)}$,
$a3 = 1.0421^{+0.1295(12.4\%)}_{-0.1112(10.7\%)}$, $\mathbf{a4 = 1.18276^{+0.0488(4.13\%)}_{-0.04687(3.96\%)}}$

Candidate #11

χ^2/NDF = 65.81/166, RMSE = 0.6761, R2 = 0.9912



Candidate function #10

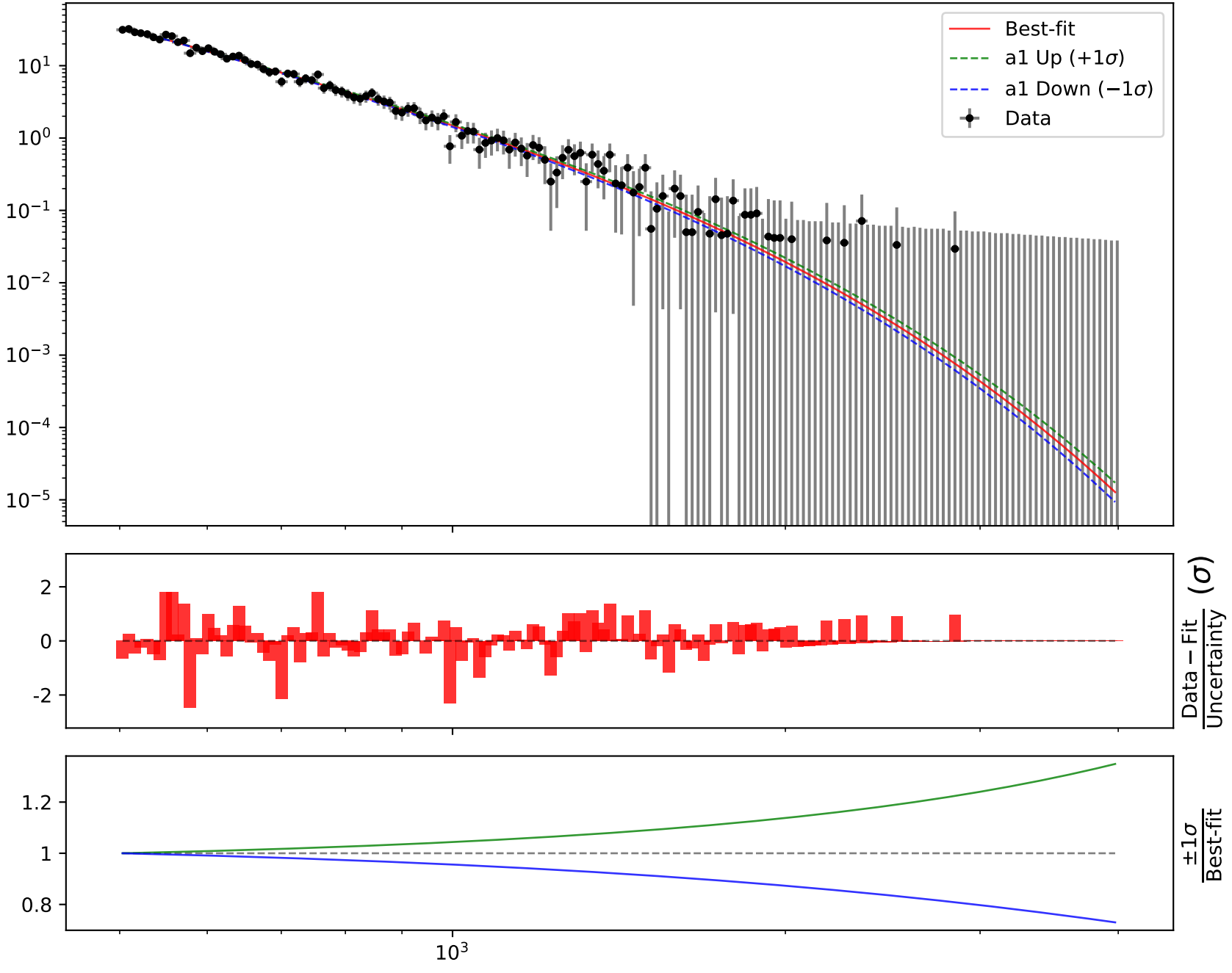
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

a1 = 1.23608e − 05 $^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, a2 = 0.0303621 $^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

Candidate #10

a3 = 1.16175 $^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



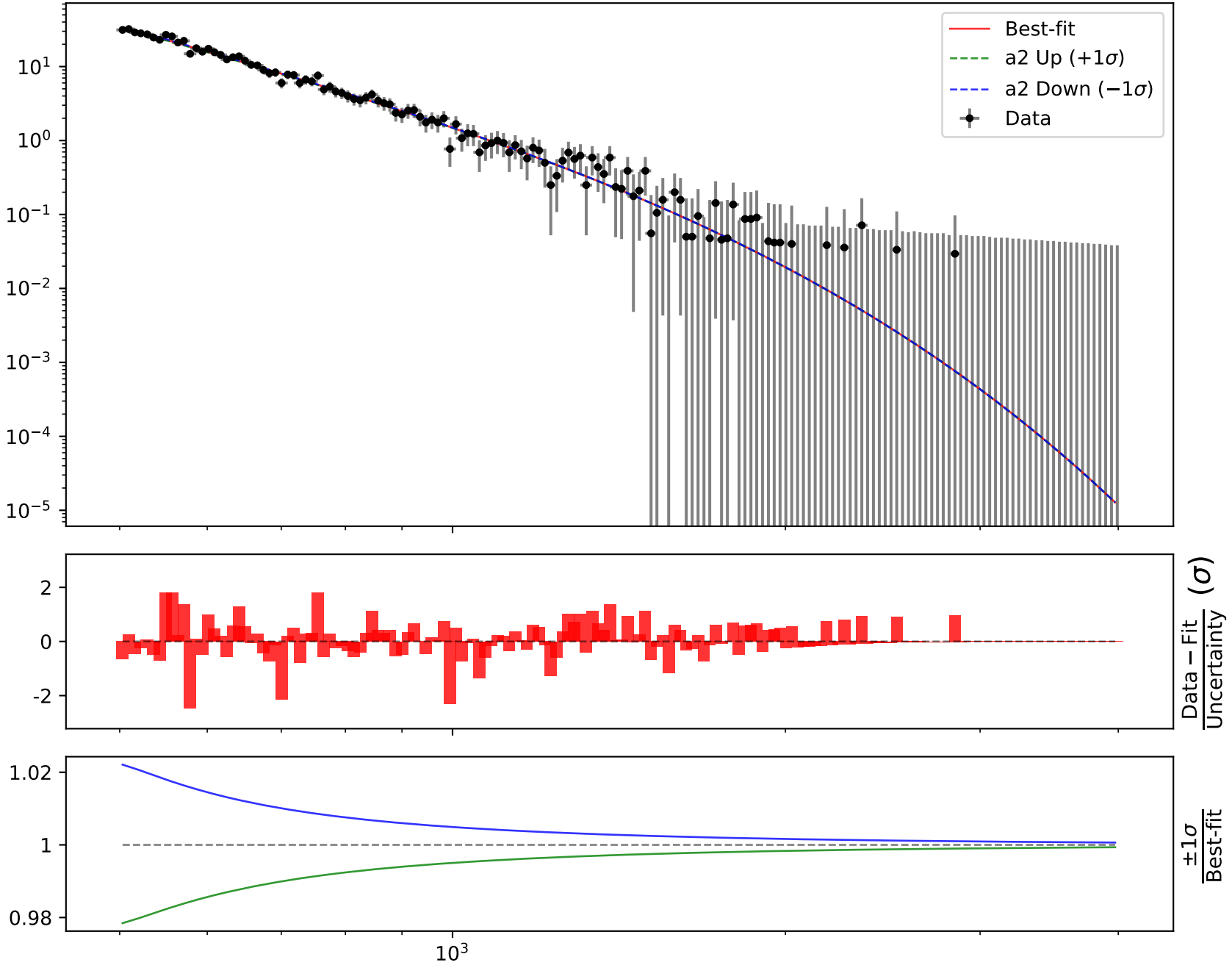
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, **$a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$**,

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

Candidate #10

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



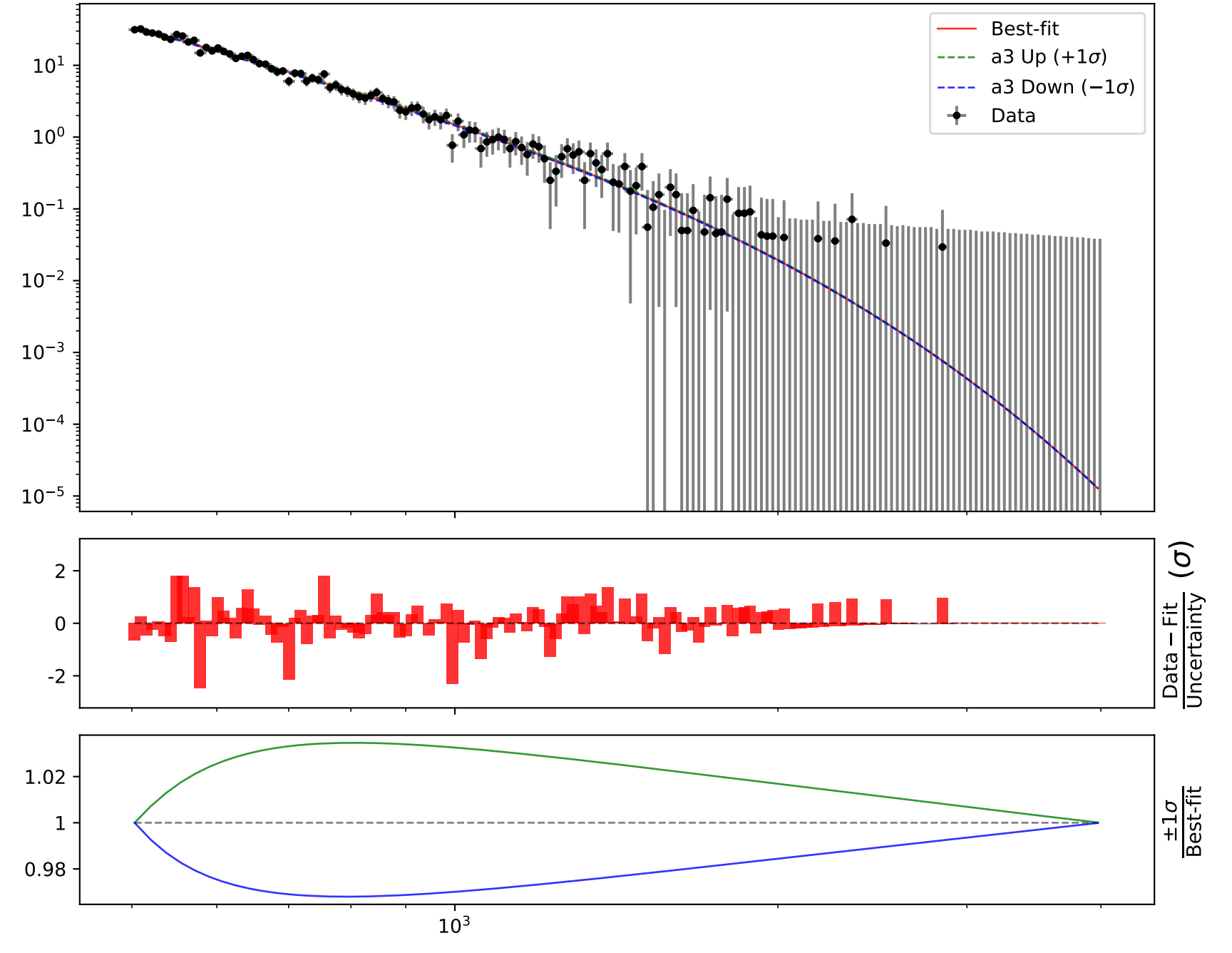
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, $a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

Candidate #10

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



Candidate function #9

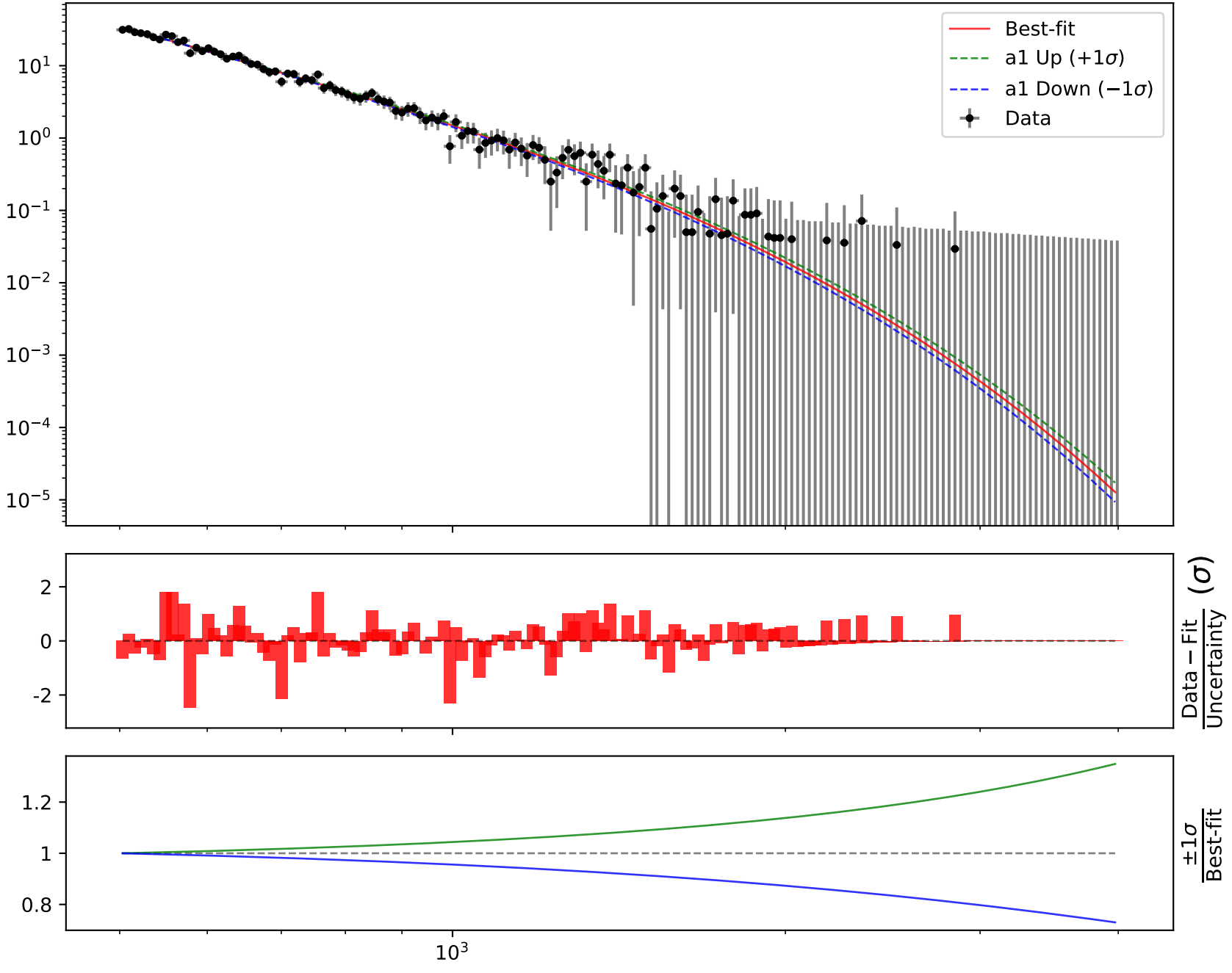
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

a1 = 1.23608e − 05 $^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, a2 = 0.0303621 $^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

Candidate #9

a3 = 1.16175 $^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



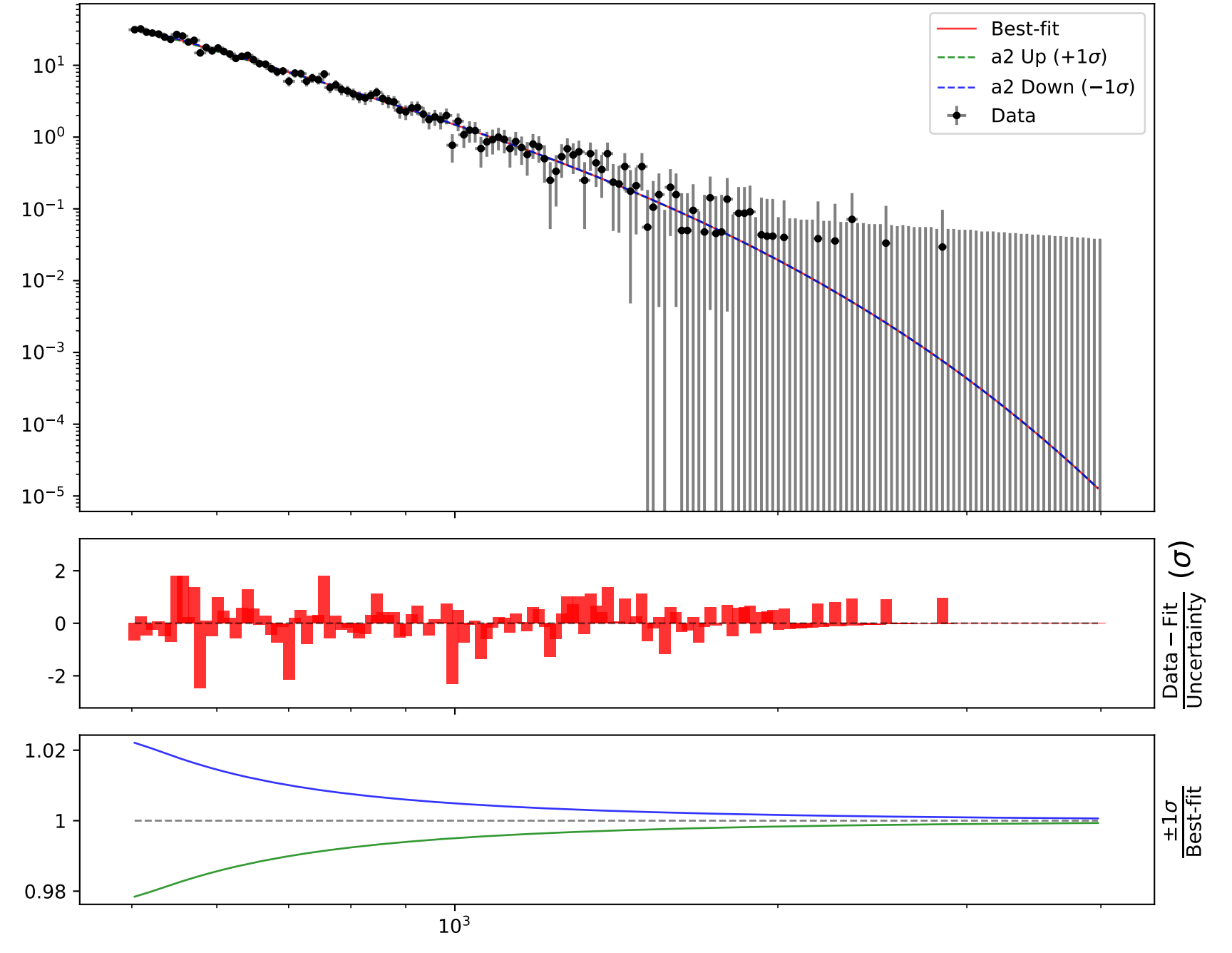
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, **$a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$**,

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

Candidate #9

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



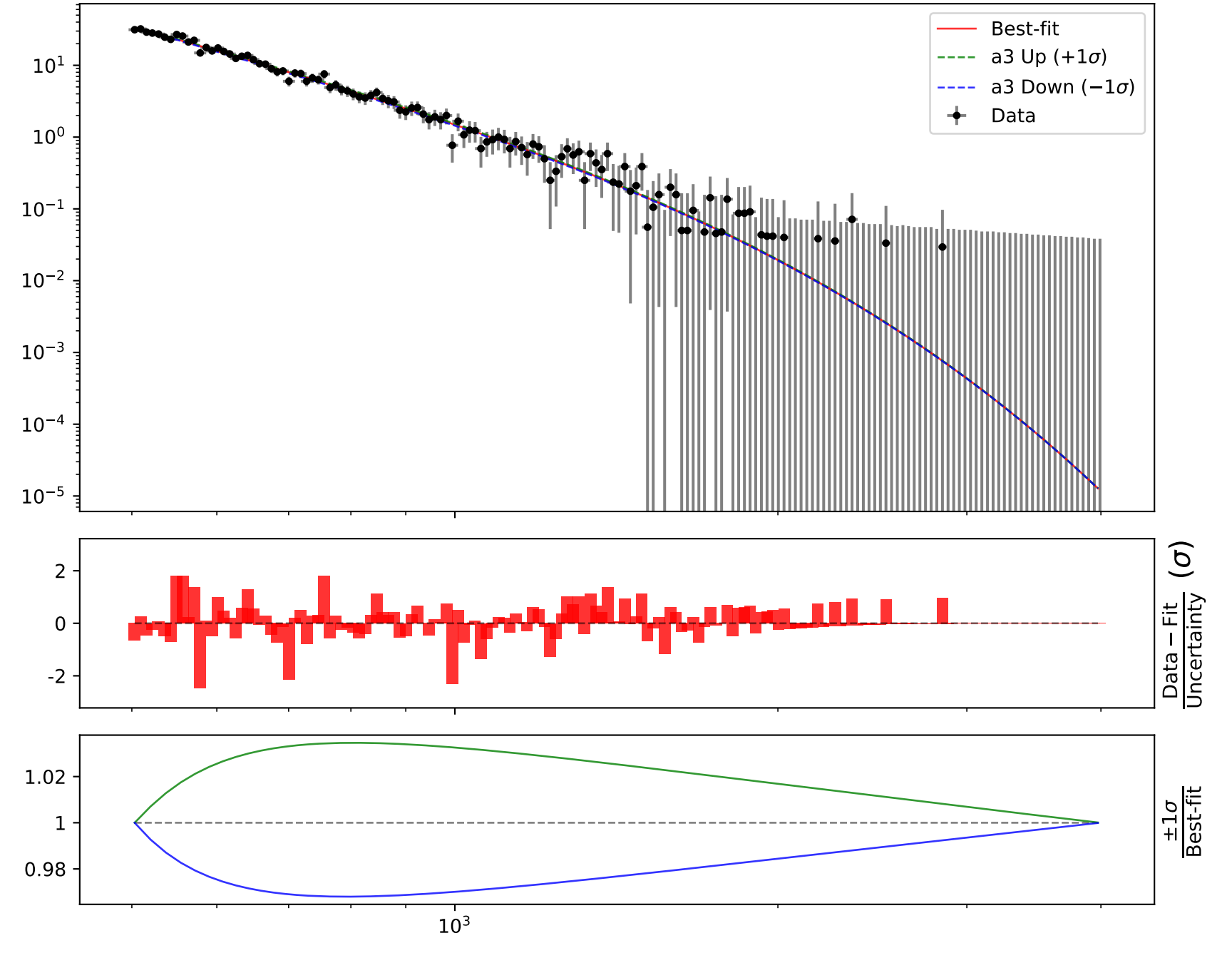
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, $a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

Candidate #9

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



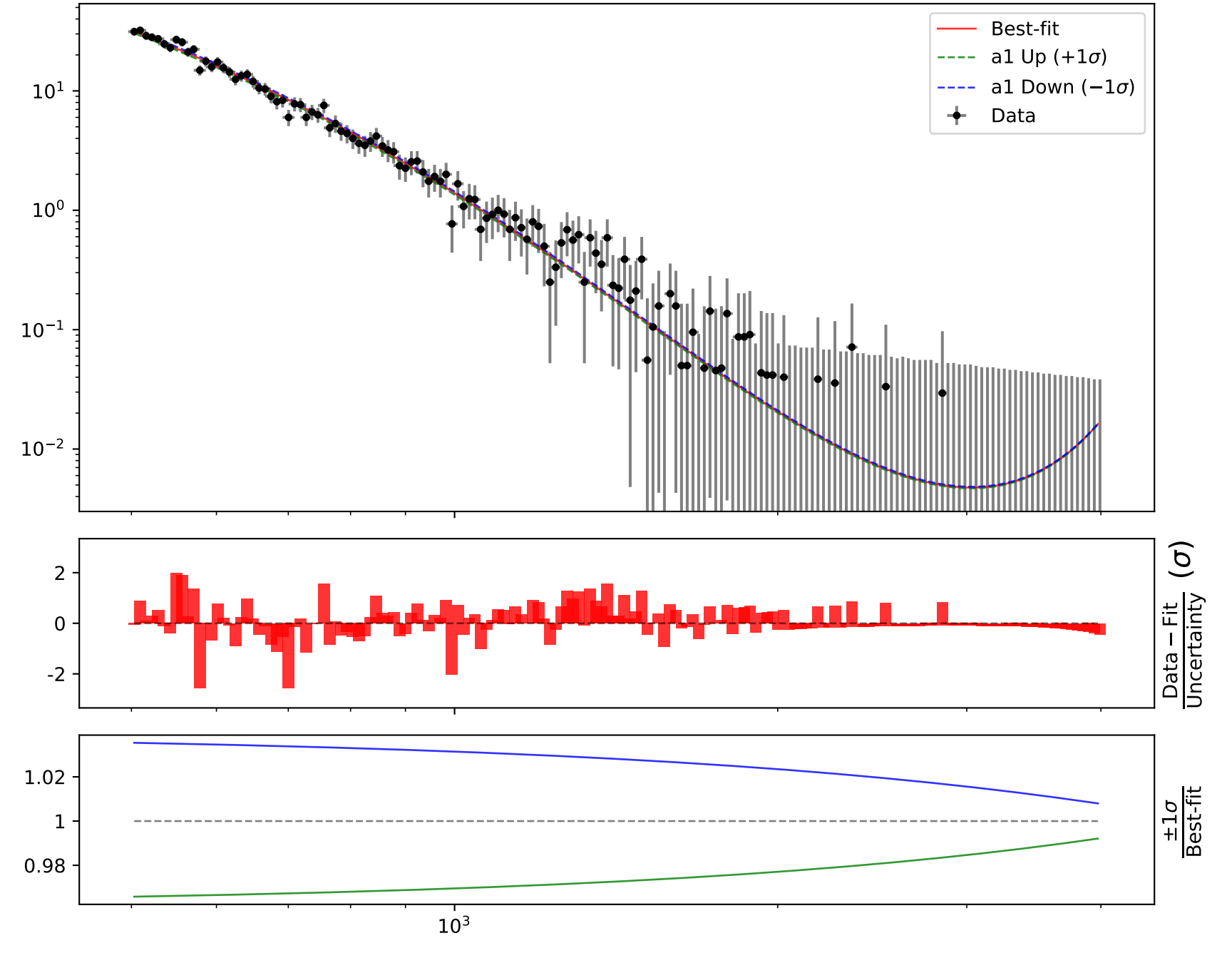
Candidate function #8

1.0*((a2*exp(a3*((x0 - 503.0) * 0.000286615)))**(a1 + ((x0 - 503.0) * 0.000286615)))

a1 = $-0.159631^{+0.00161(1.01\%)}_{-0.00161(1.01\%)}$, a2 = $4.13294e-10^{+1.14e-10(27.6\%)}_{-1.14e-10(27.6\%)}$,
a3 = $16.7538^{+0.875(5.22\%)}_{-0.875(5.22\%)}$

Candidate #8

χ^2/NDF = 73.18/166, RMSE = 0.7103, R2 = 0.9903



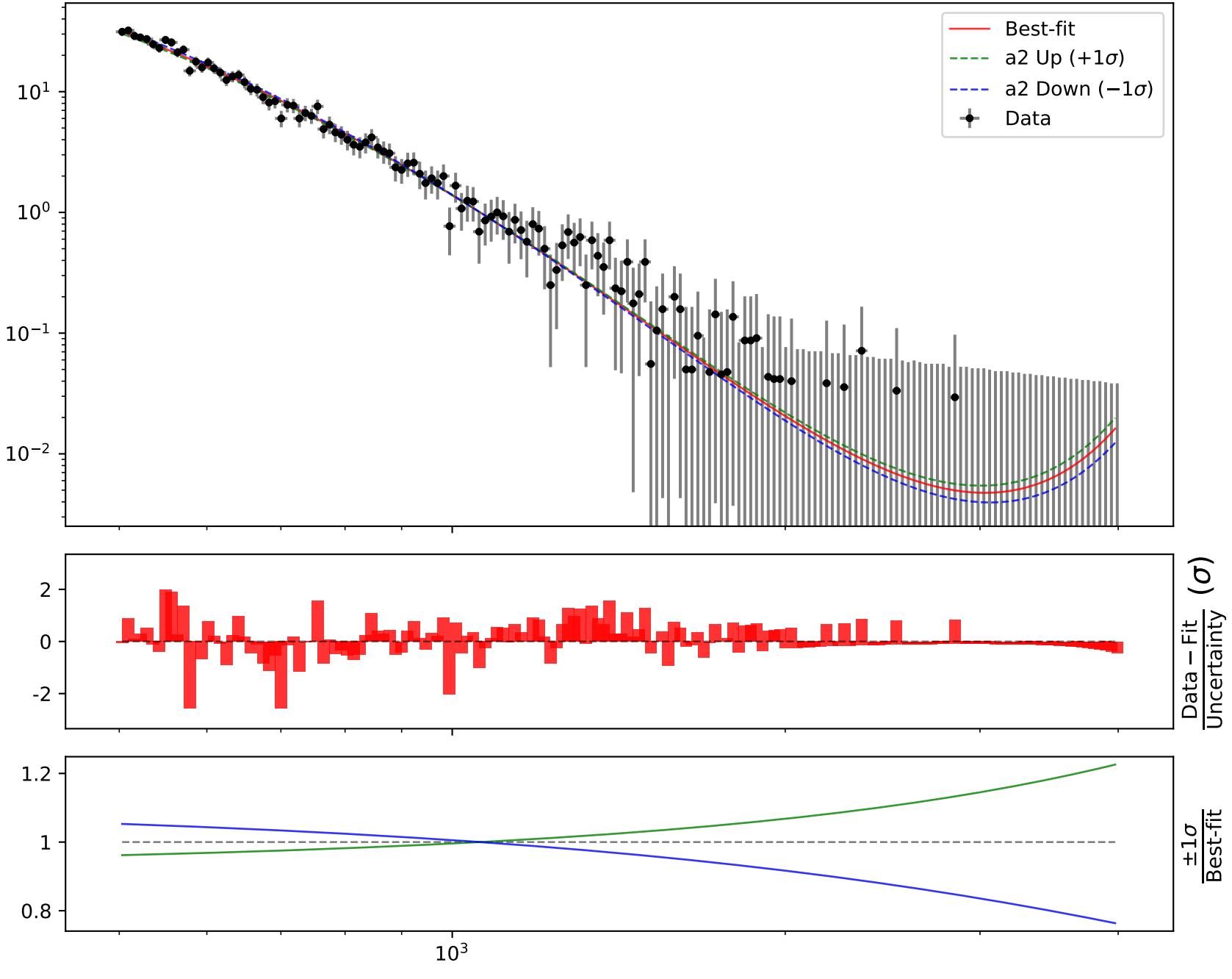
1.0*((a2*exp(a3*((x0 - 503.0) * 0.000286615)))**(a1 + ((x0 - 503.0) * 0.000286615)))

$a1 = -0.159631^{+0.00161(1.01\%)}_{-0.00161(1.01\%)}$, $\mathbf{a2 = 4.13294e-10^{+1.14e-10(27.6\%)}_{-1.14e-10(27.6\%)}}$,

$a3 = 16.7538^{+0.875(5.22\%)}_{-0.875(5.22\%)}$

Candidate #8

χ^2/NDF = 73.18/166, RMSE = 0.7103, R2 = 0.9903



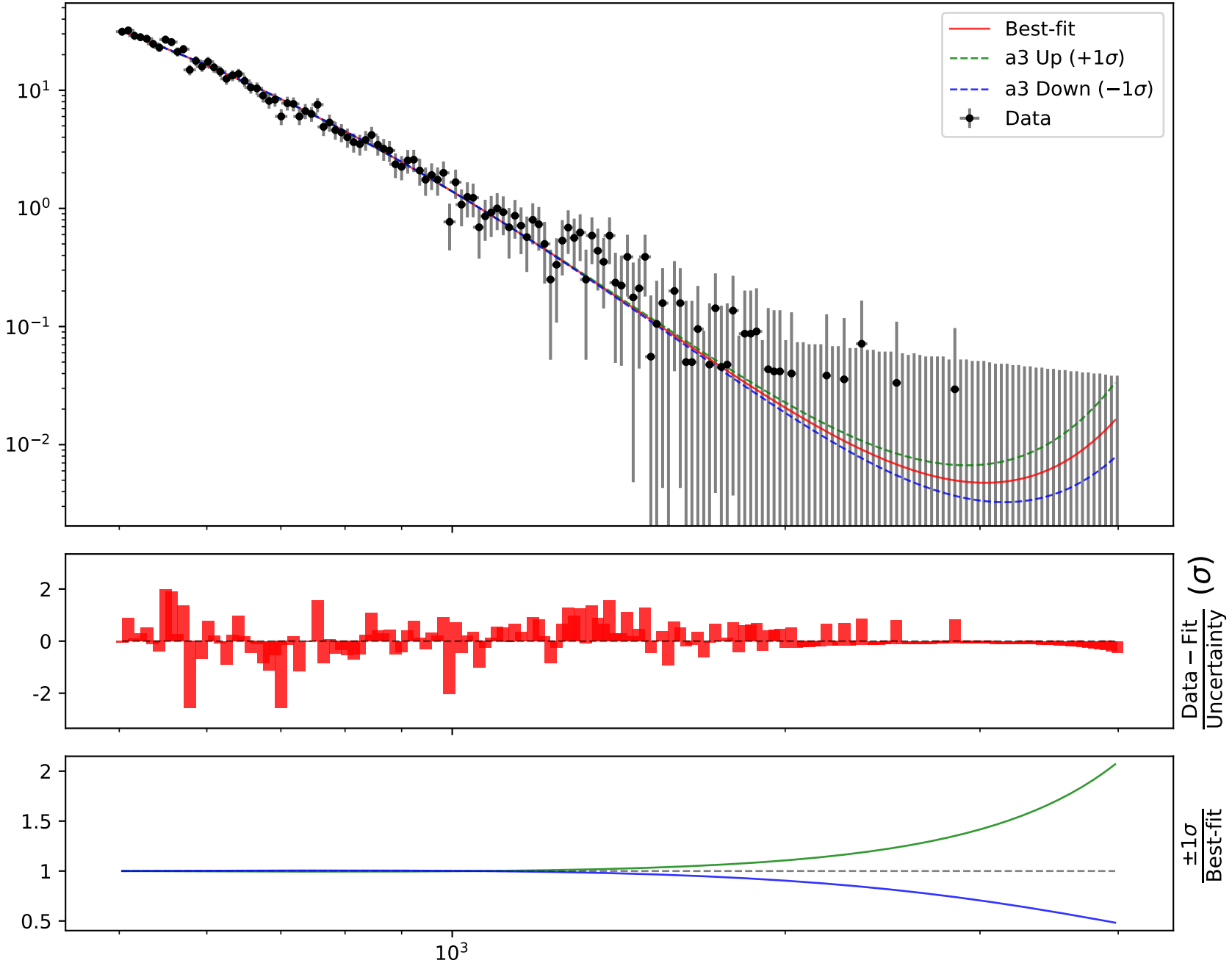
1.0*((a2*exp(a3*((x0 - 503.0) * 0.000286615)))**(a1 + ((x0 - 503.0) * 0.000286615)))

$a1 = -0.159631^{+0.00161(1.01\%)}_{-0.00161(1.01\%)}$, $a2 = 4.13294e-10^{+1.14e-10(27.6\%)}_{-1.14e-10(27.6\%)}$,

$a3 = 16.7538^{+0.875(5.22\%)}_{-0.875(5.22\%)}$

Candidate #8

χ^2/NDF = 73.18/166, RMSE = 0.7103, R2 = 0.9903



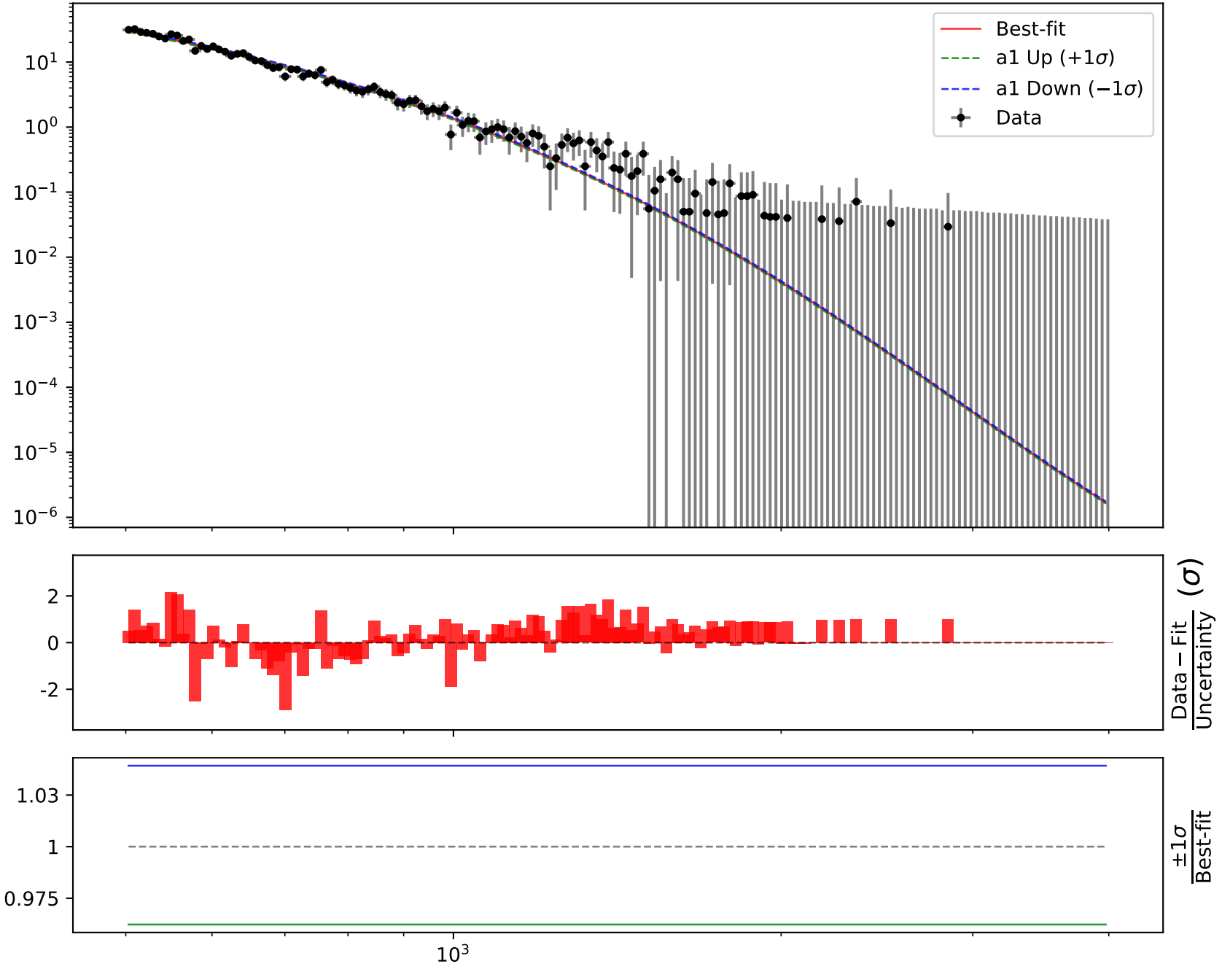
Candidate function #7

1.0*(a2**(a1 + tanh(((x0 - 503.0) * 0.000286615))))

a1 = $-0.154874^{+0.00175(1.13\%)}_{-0.00175(1.13\%)}$, a2 = $2.83641e-10^{+9.08e-11(32.0\%)}_{-9.08e-11(32.0\%)}$

Candidate #7

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875

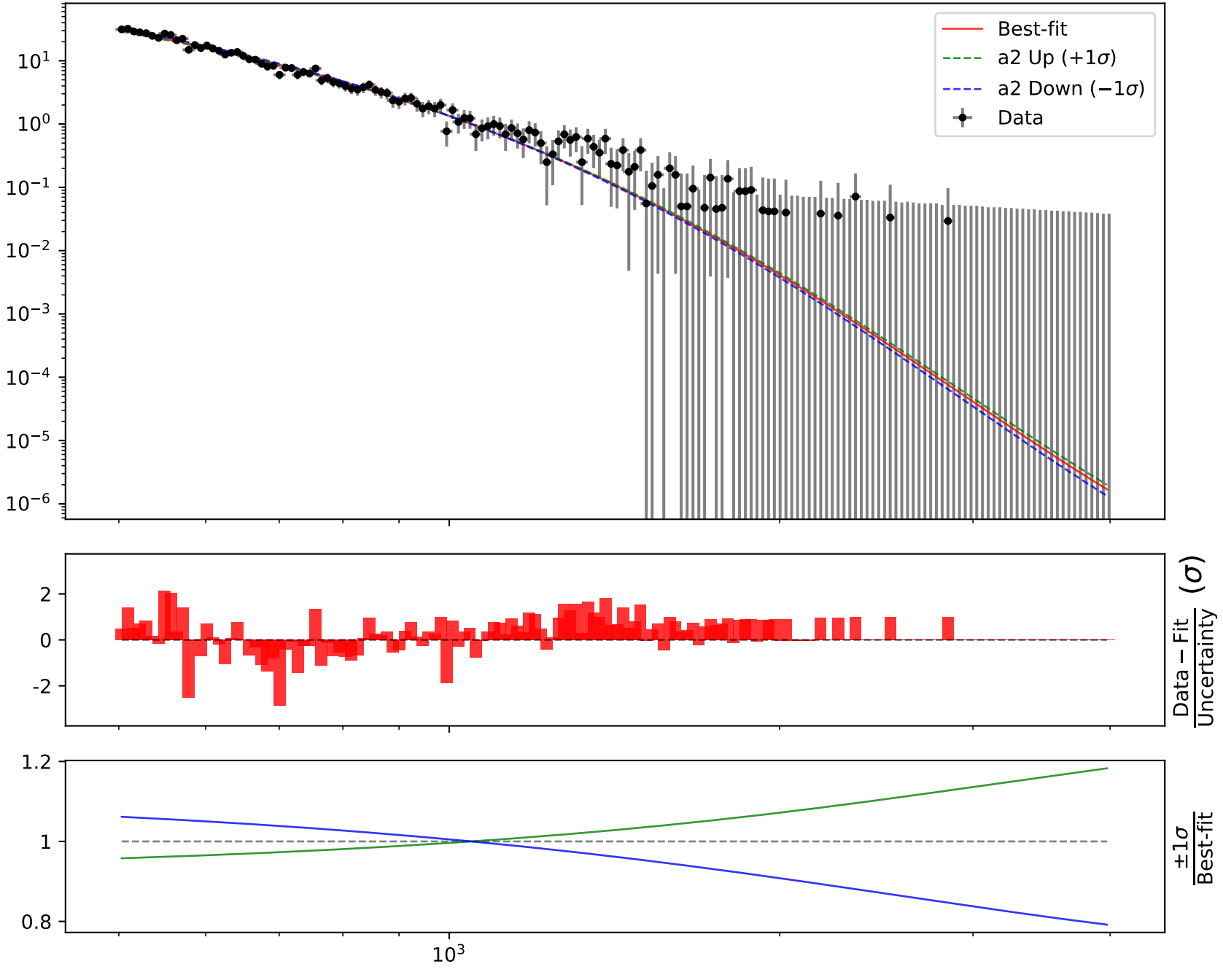


1.0*(a2**(a1 + tanh(((x0 - 503.0) * 0.000286615))))

$a1 = -0.154874^{+0.00175(1.13\%)}_{-0.00175(1.13\%)}$, $\mathbf{a2 = 2.83641e-10^{+9.08e-11(32.0\%)}_{-9.08e-11(32.0\%)}}$

Candidate #7

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875



Candidate function #6

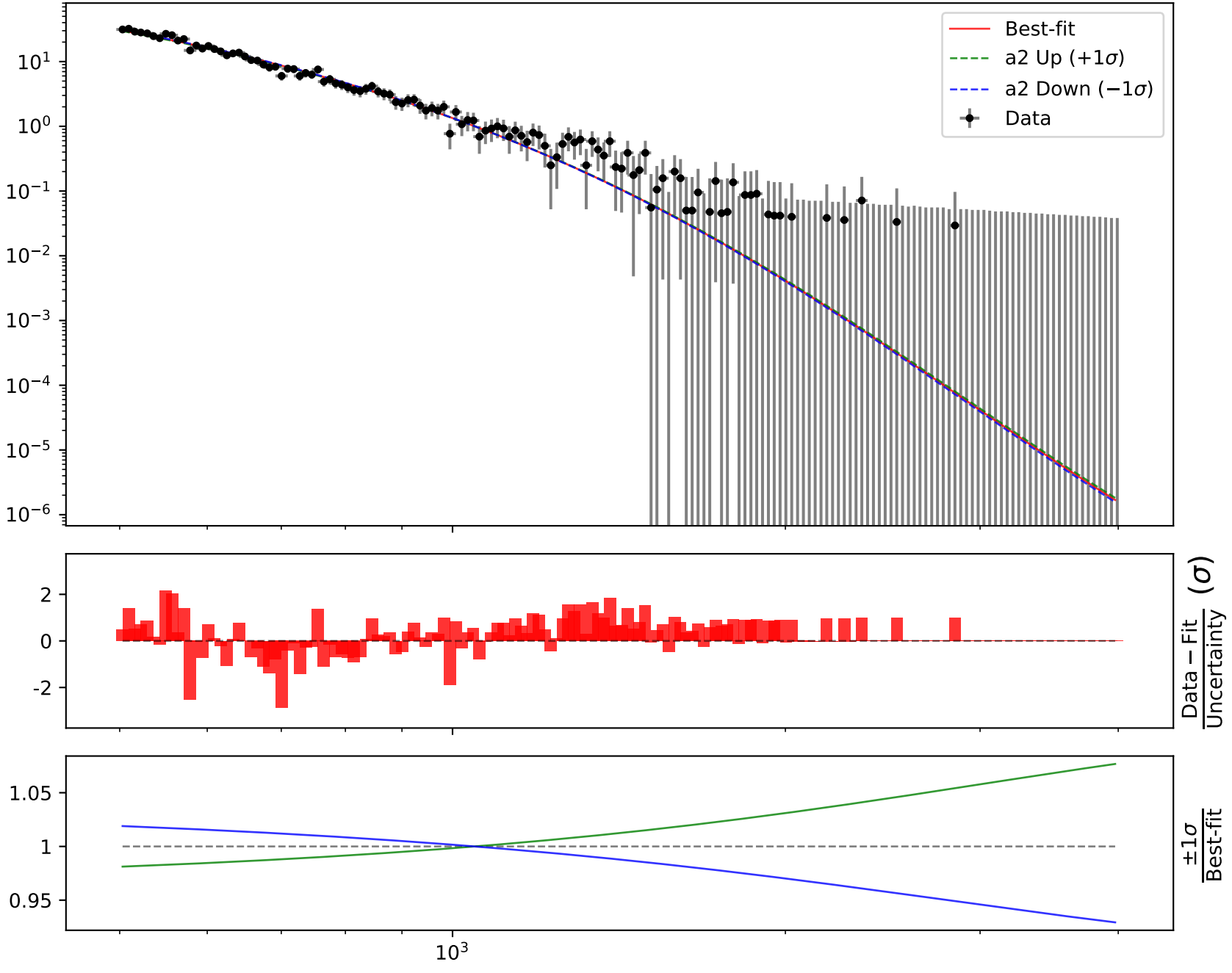
1.0*(a2**(a1 + a3*tanh(((x0 - 503.0) * 0.000286615))))

$a1 = -1.15$, $\mathbf{a2 = 0.0517897^{+0.0008605(1.66\%)}_{-0.0008386(1.62\%)}}$,

$a3 = 7.42539^{+0.09277(1.25\%)}_{-0.09048(1.22\%)}$

Candidate #6

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875



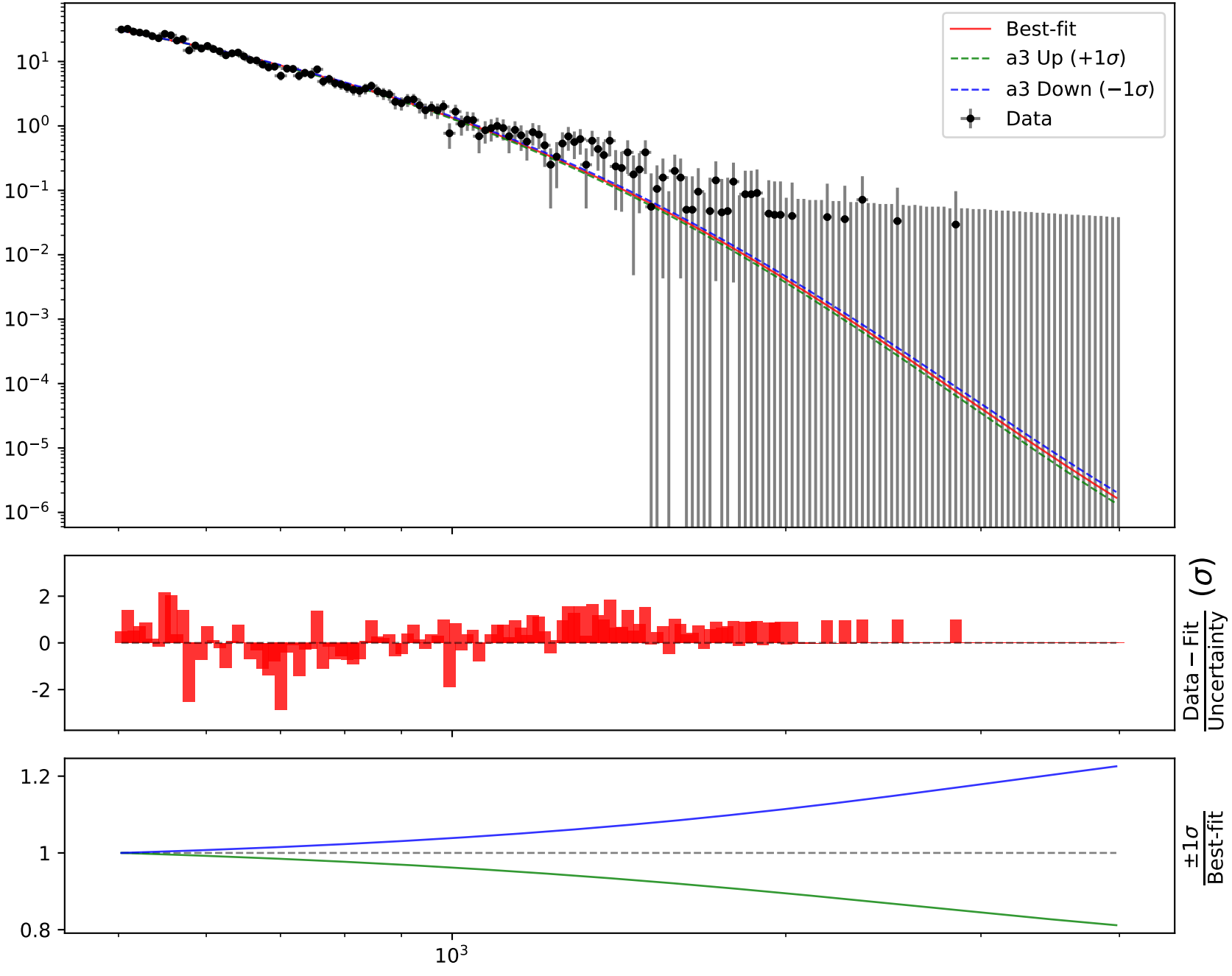
1.0*(a2**(a1 + a3*tanh(((x0 - 503.0) * 0.000286615))))

$a1 = -1.15,\ a2 = 0.0517897^{+0.0008605(1.66\%)}_{-0.0008386(1.62\%)},$

$a3 = 7.42539^{+0.09277(1.25\%)}_{-0.09048(1.22\%)}$

Candidate #6

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875



Candidate function #5

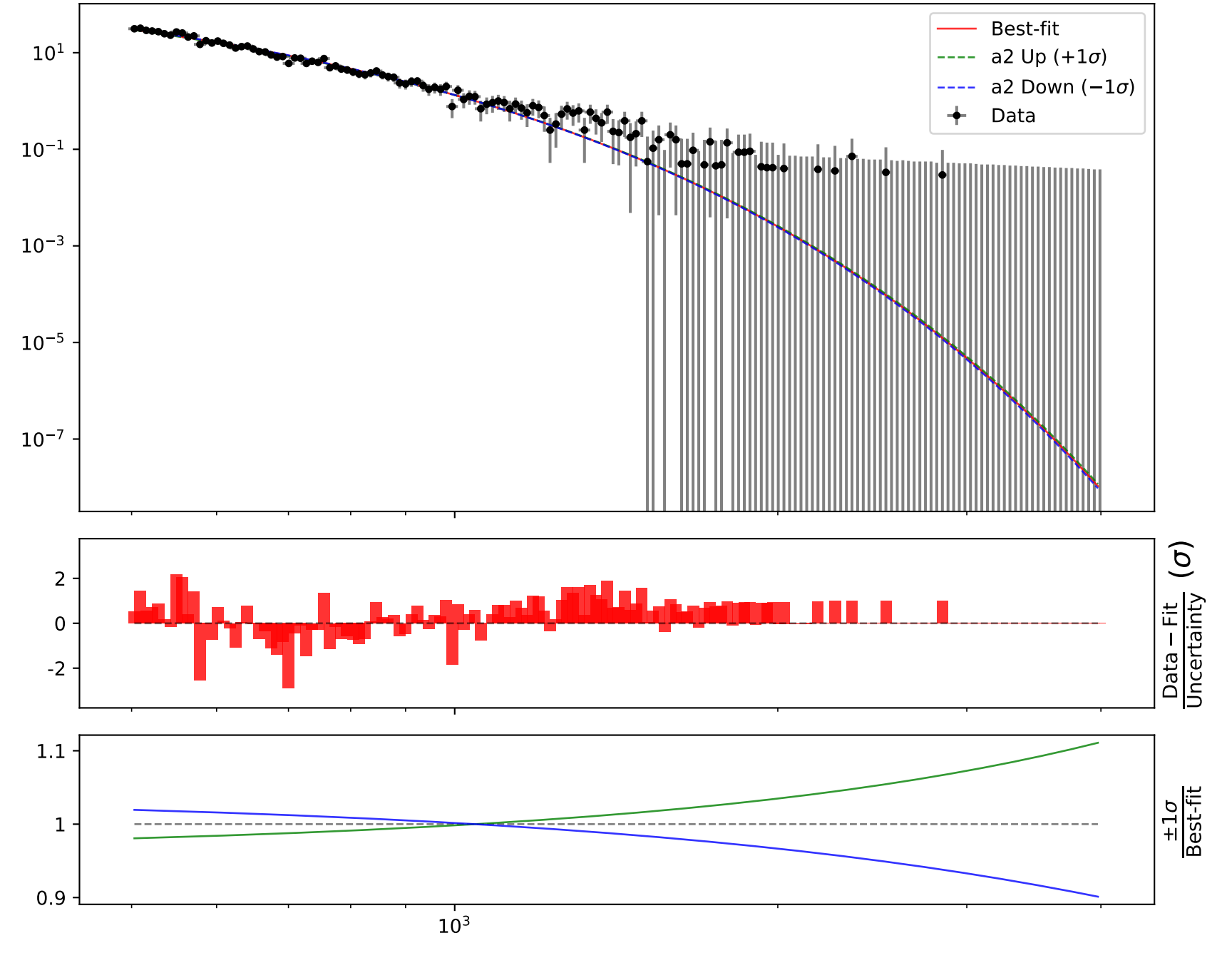
1.0*(a2**(a1 + a3*((x0 - 503.0) * 0.000286615)))

$a1 = -1.22$, $\mathbf{a2 = 0.0615005^{+0.0009896(1.61\%)}_{-0.000964(1.57\%)}}$,

$a3 = 7.84499^{+0.1015(1.29\%)}_{-0.09919(1.26\%)}$

Candidate #5

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873



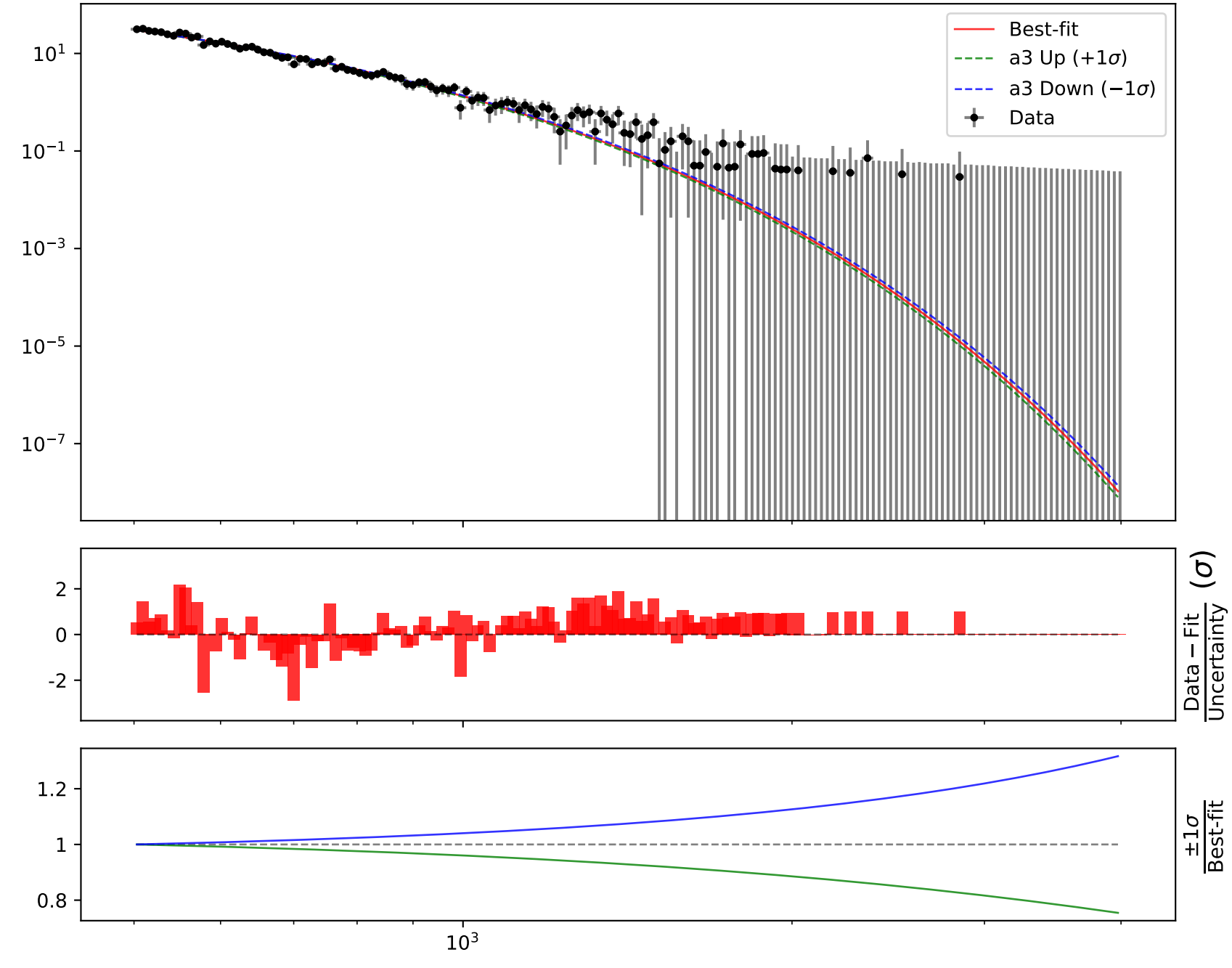
1.0*(a2**(a1 + a3*((x0 - 503.0) * 0.000286615)))

$a1 = -1.22,\ a2 = 0.0615005^{+0.0009896(1.61\%)}_{-0.000964(1.57\%)},$

$a3 = 7.84499^{+0.1015(1.29\%)}_{-0.09919(1.26\%)}$

Candidate #5

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873



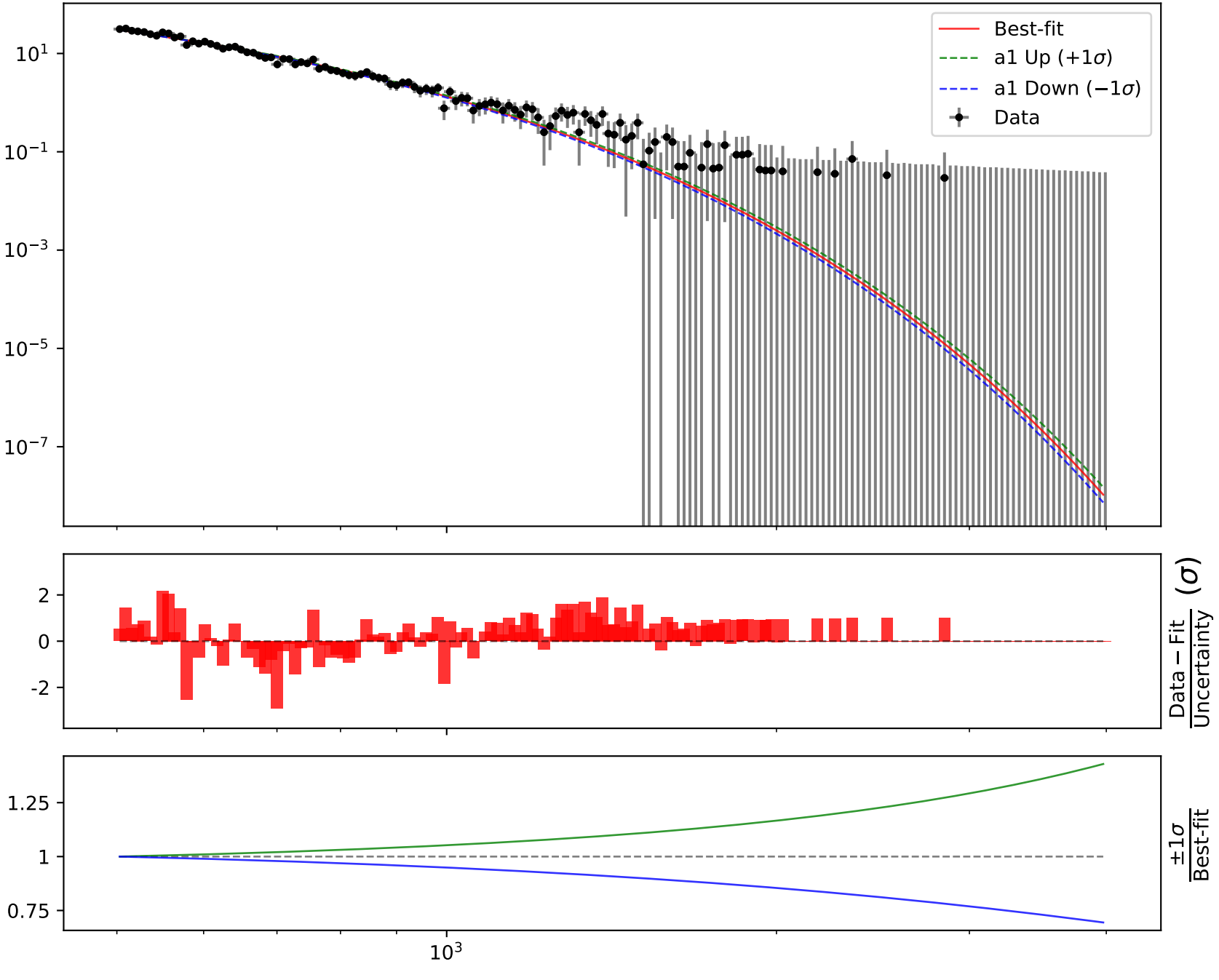
Candidate function #4

1.0*(a2*exp(a1*((x0 - 503.0) * 0.000286615)))

a1 = $-21.8773^{+0.3589(1.64\%)}_{-0.3665(1.68\%)}$, a2 = $30.0308^{+0.5846(1.95\%)}_{-0.5791(1.93\%)}$

Candidate #4

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873

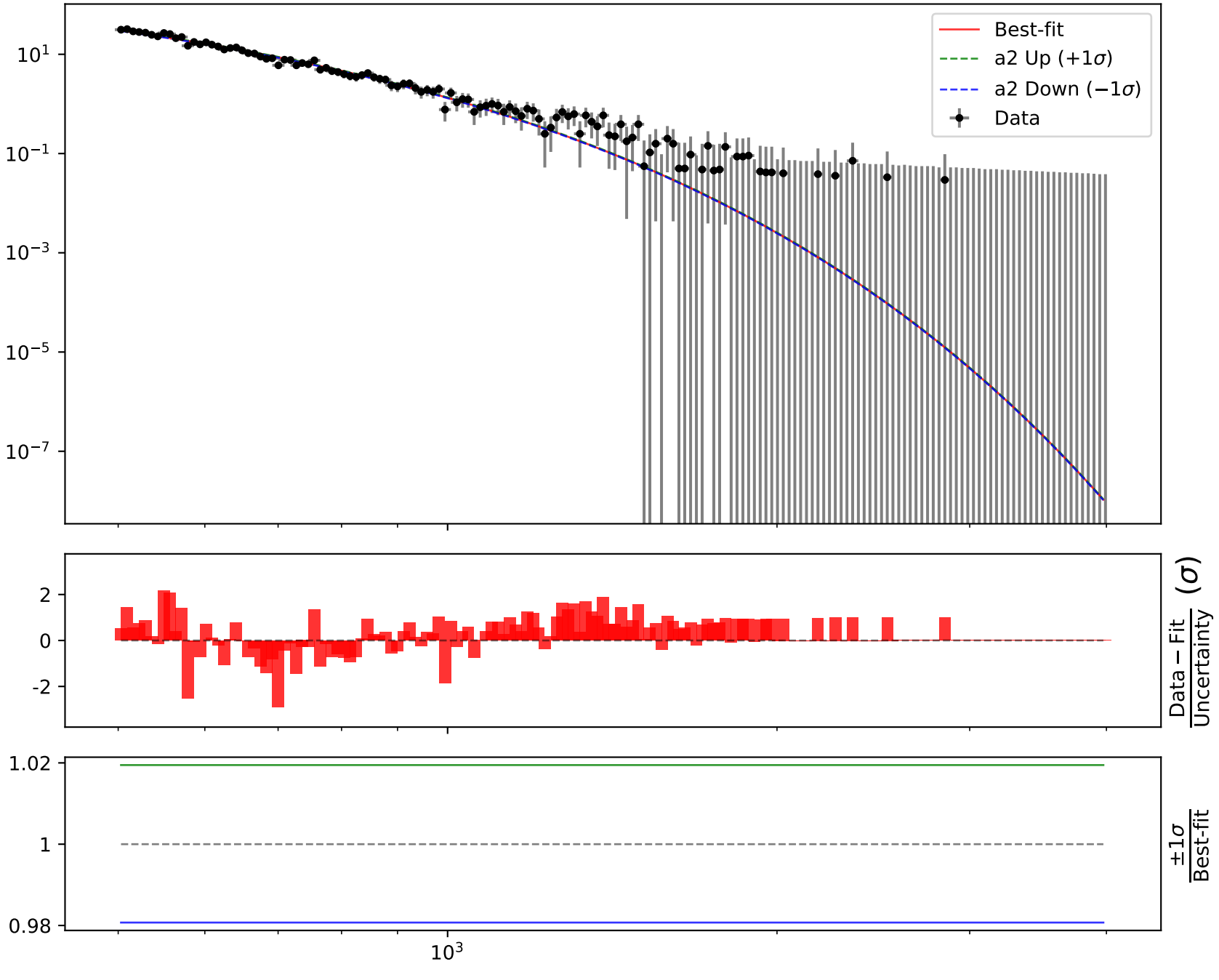


1.0*(a2*exp(a1*((x0 - 503.0) * 0.000286615)))

$a1 = -21.8773^{+0.3589(1.64\%)}_{-0.3665(1.68\%)}$, $\mathbf{a2 = 30.0308^{+0.5846(1.95\%)}_{-0.5791(1.93\%)}}$

Candidate #4

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873



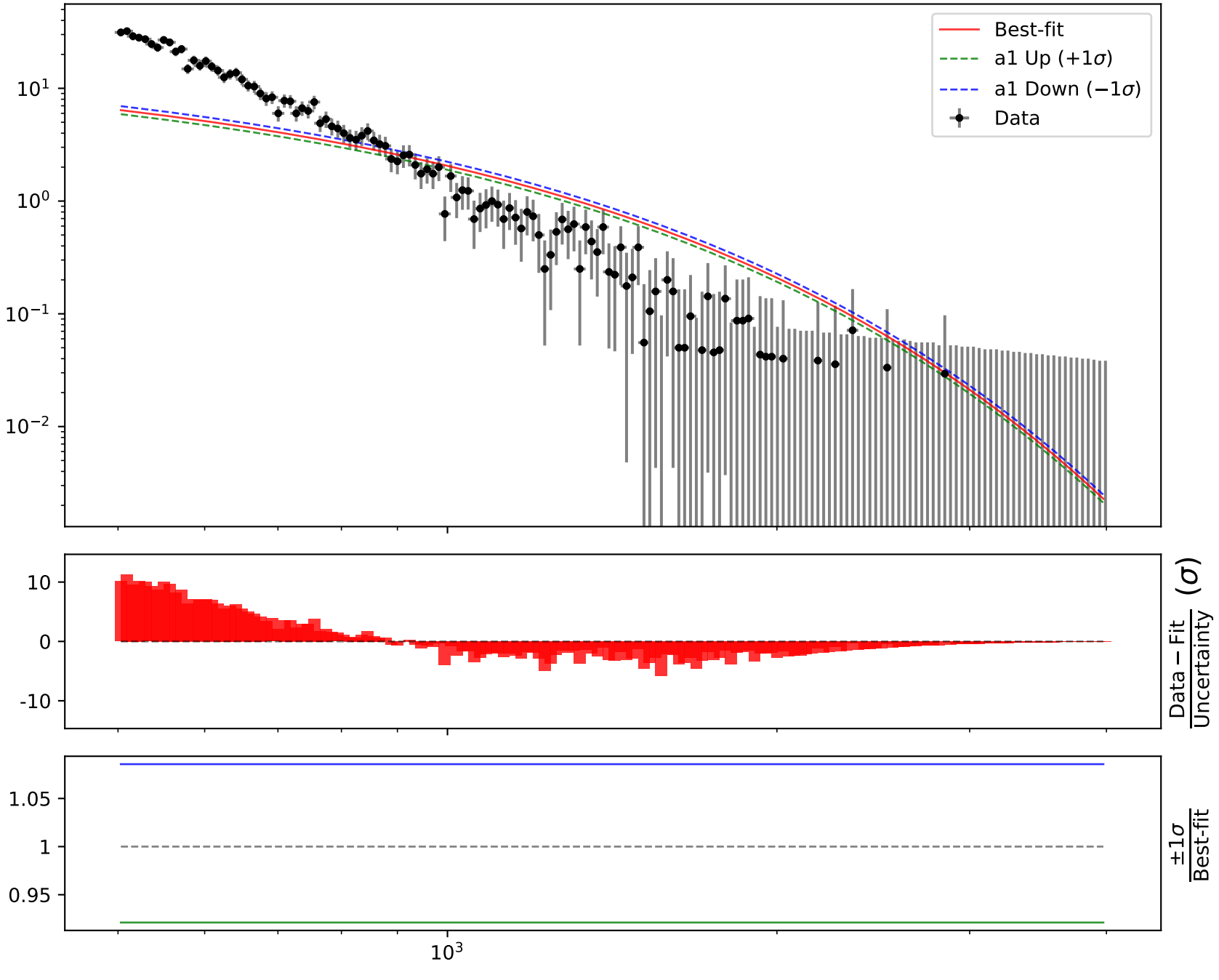
Candidate function #3

1.0*(a2**(a1 + ((x0 - 503.0) * 0.000286615)))

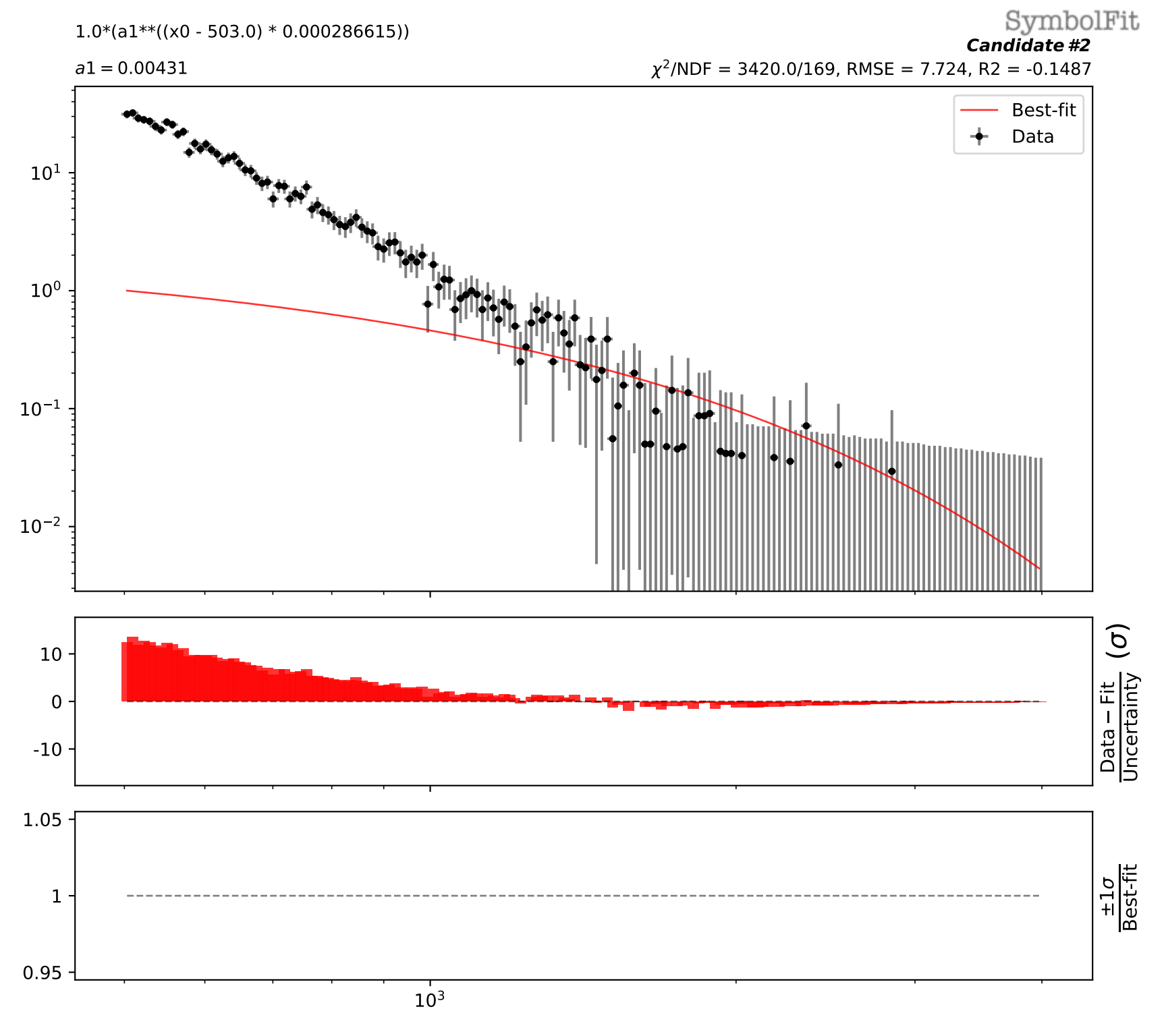
a1 = $-0.232731^{+0.0103(4.43\%)}_{-0.0103(4.43\%)}$, $a2 = 0.000343$

Candidate #3

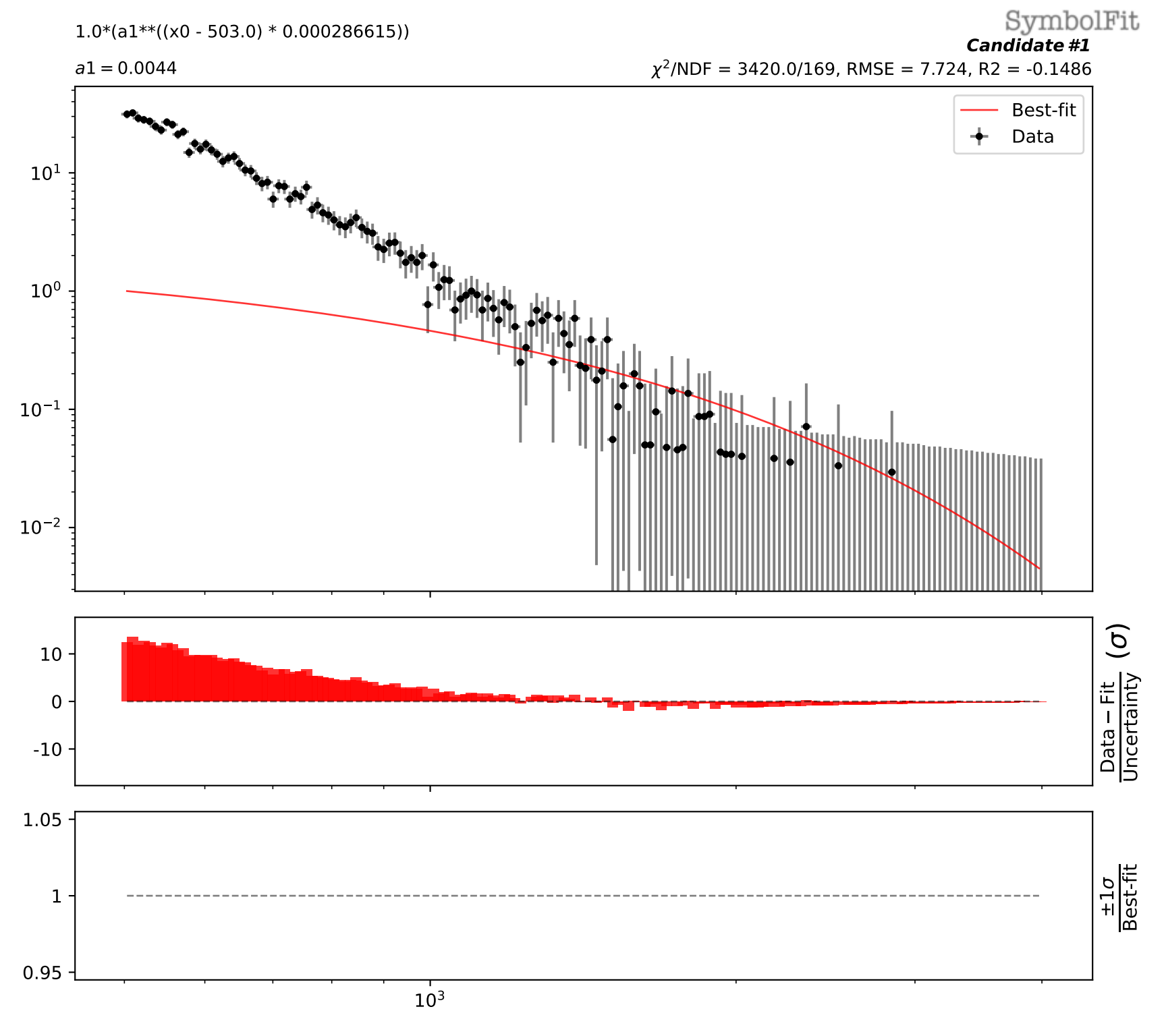
χ^2/NDF = 2142.0/168, RMSE = 5.943, R2 = 0.32



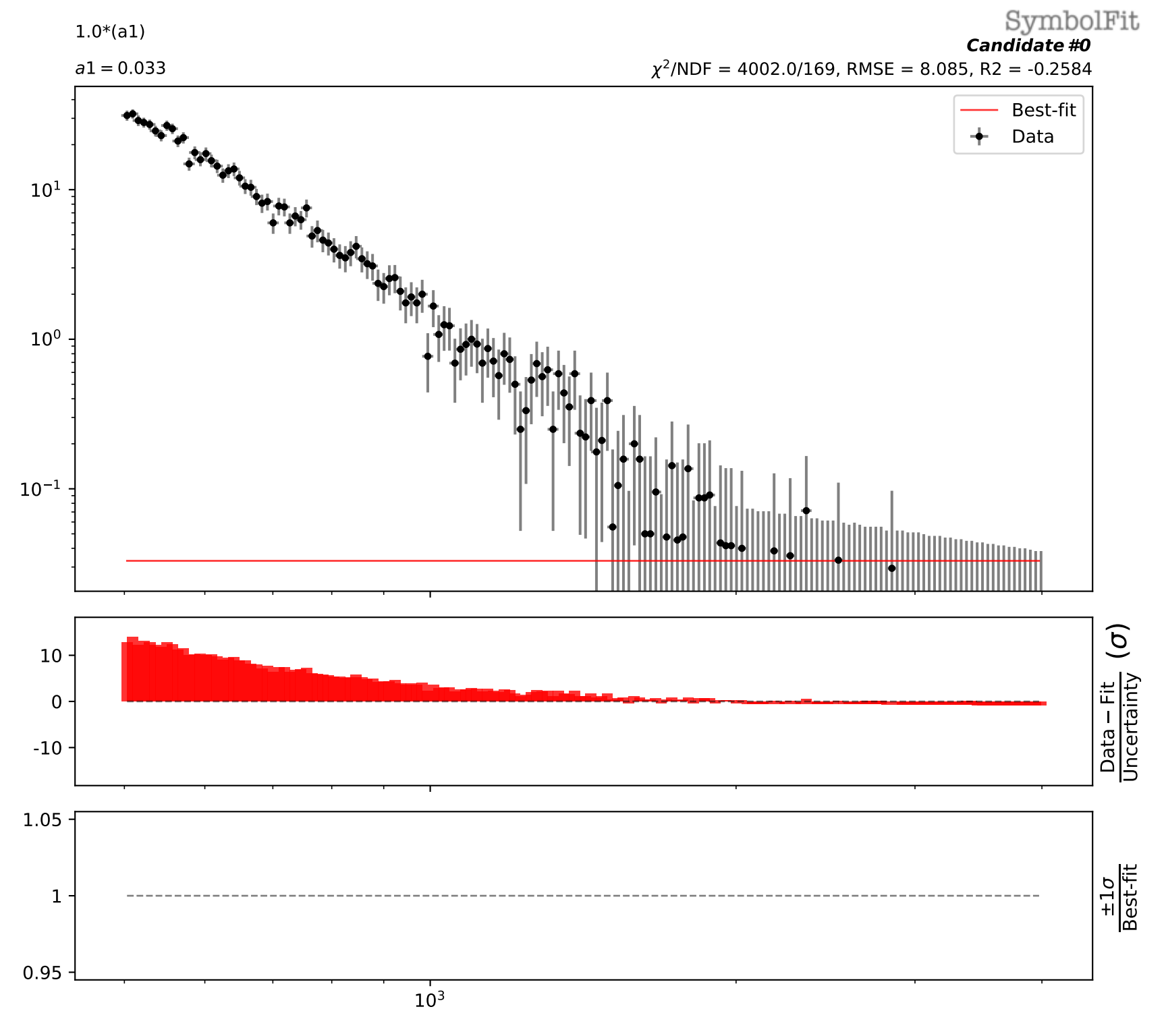
Candidate function #2


1.0*(a1**((x0 - 503.0) * 0.000286615))
SymbolFit
Candidate #2
a1 = 0.00431
χ²/NDF = 3420.0/169, RMSE = 7.724, R2 = -0.1487
Best-fit
Data
10¹
10⁰
10⁻¹
10⁻²
10
0
-10
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
10³

Candidate function #1


1.0*(a1**((x0 - 503.0) * 0.000286615))
SymbolFit
Candidate #1
a1 = 0.0044
χ²/NDF = 3420.0/169, RMSE = 7.724, R2 = -0.1486
Best-fit
Data
10¹
10⁰
10⁻¹
10⁻²
10
0
-10
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
10³

Candidate function #0


1.0*(a1)
a1 = 0.033
SymbolFit
Candidate #0
χ²/NDF = 4002.0/169, RMSE = 8.085, R2 = -0.2584
Best-fit
Data
10¹
10⁰
10⁻¹
10
0
-10
Data − Fit / Uncertainty (σ)
1.05
1
0.95
±1σ / Best-fit
10³