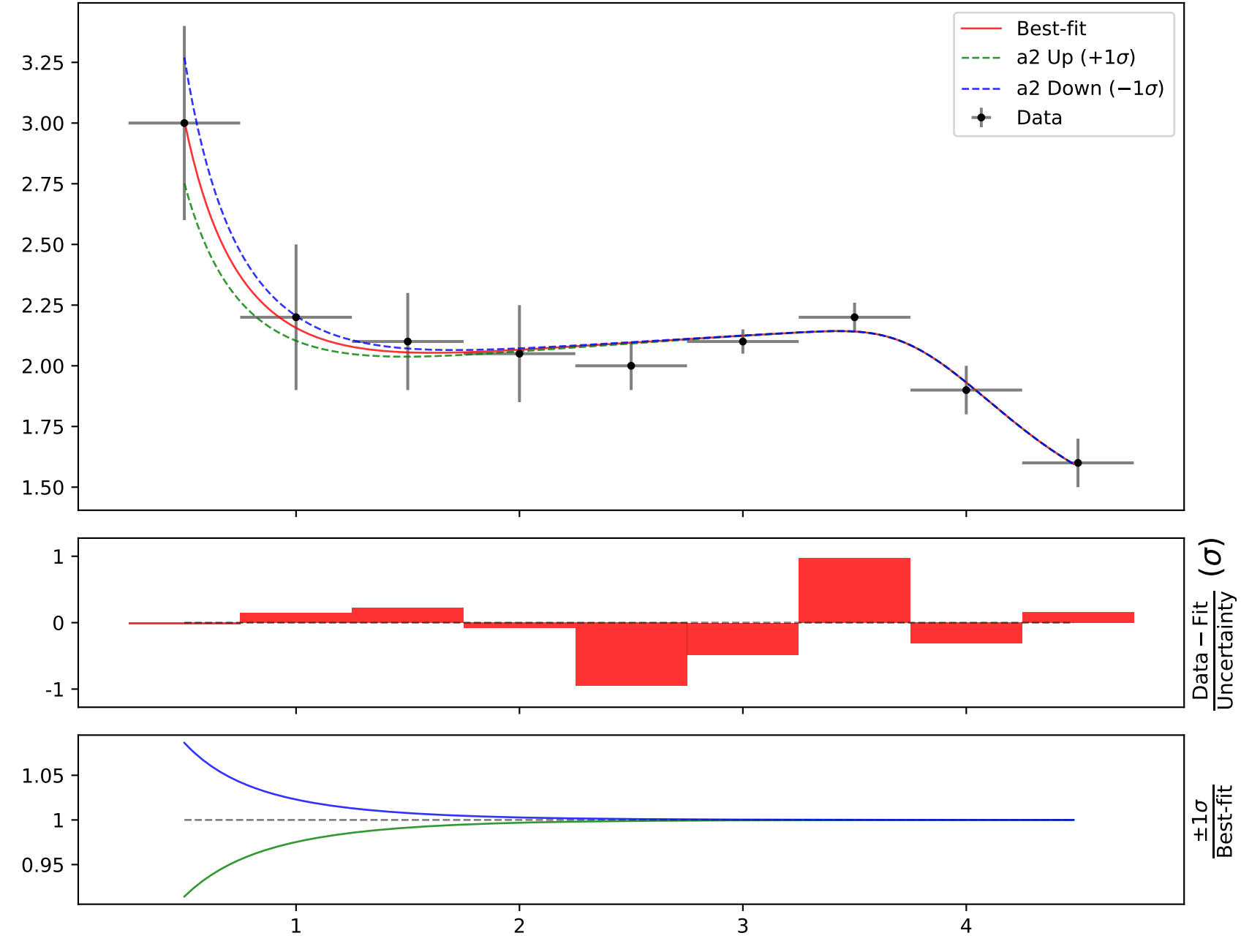
Candidate function #15

a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51$, $\mathbf{a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)}}$,
$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}$

Candidate #15

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



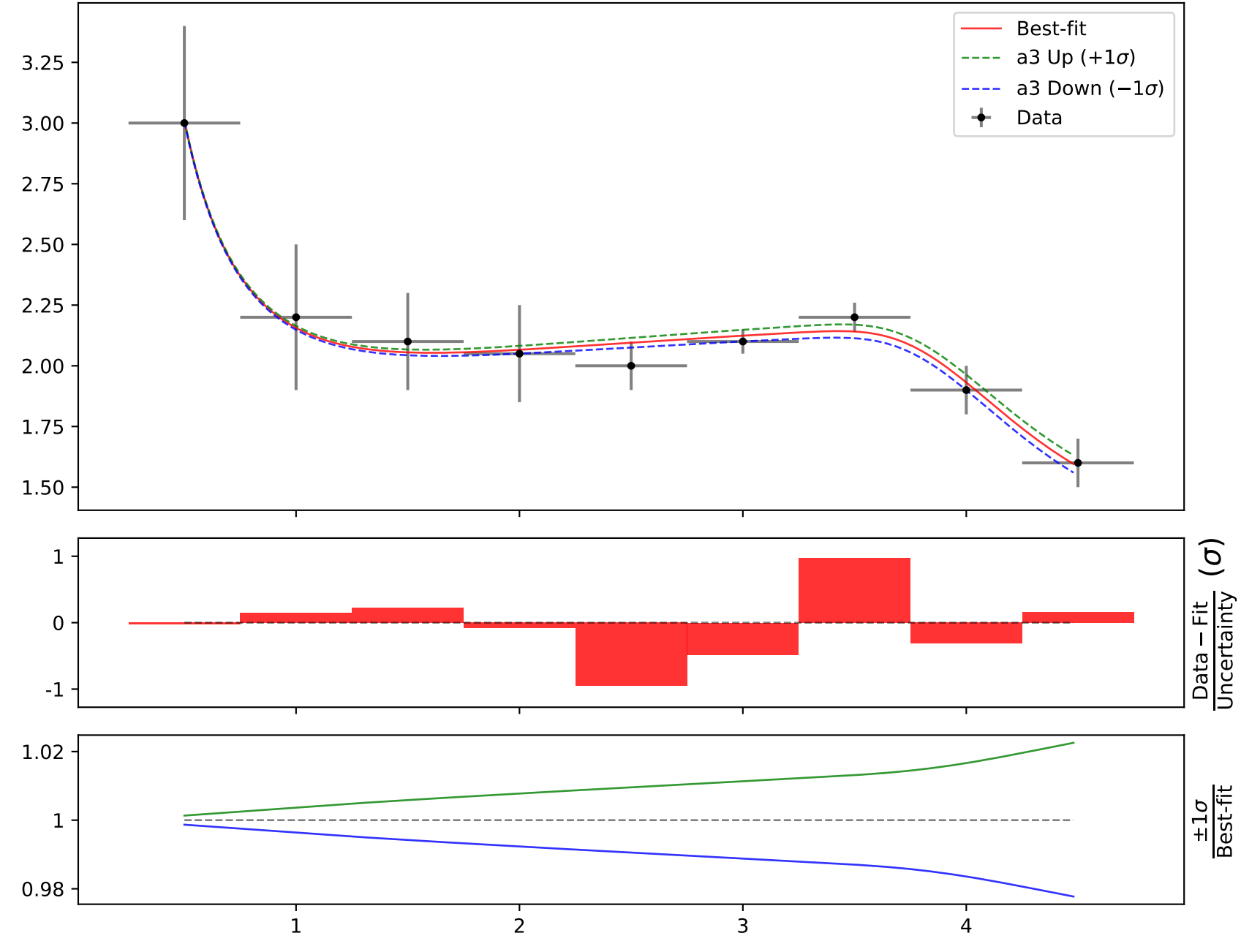
a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51,\ a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)},$

$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}$

Candidate #15

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



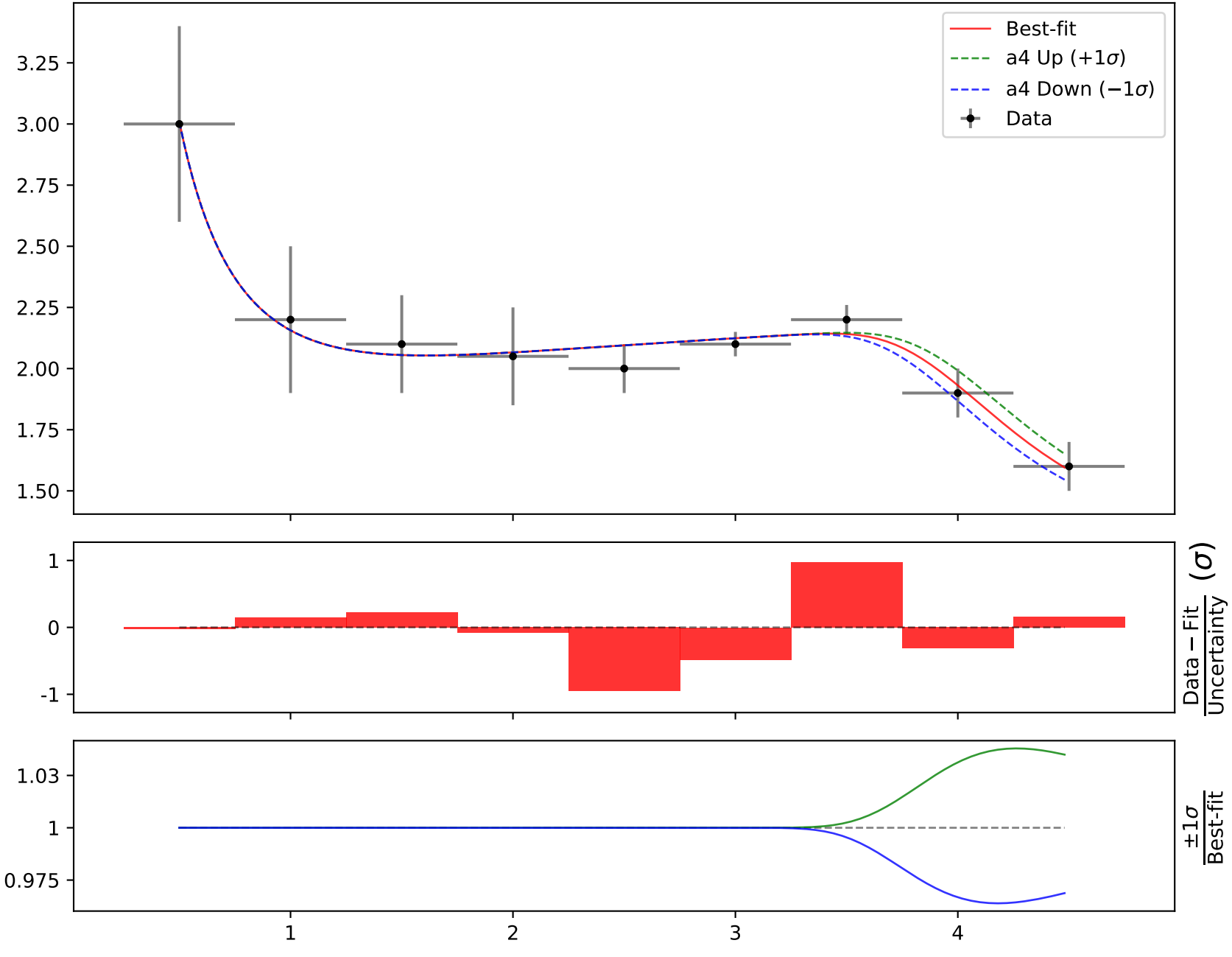
a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51$, $a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)}$,

$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $\mathbf{a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}}$

Candidate #15

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



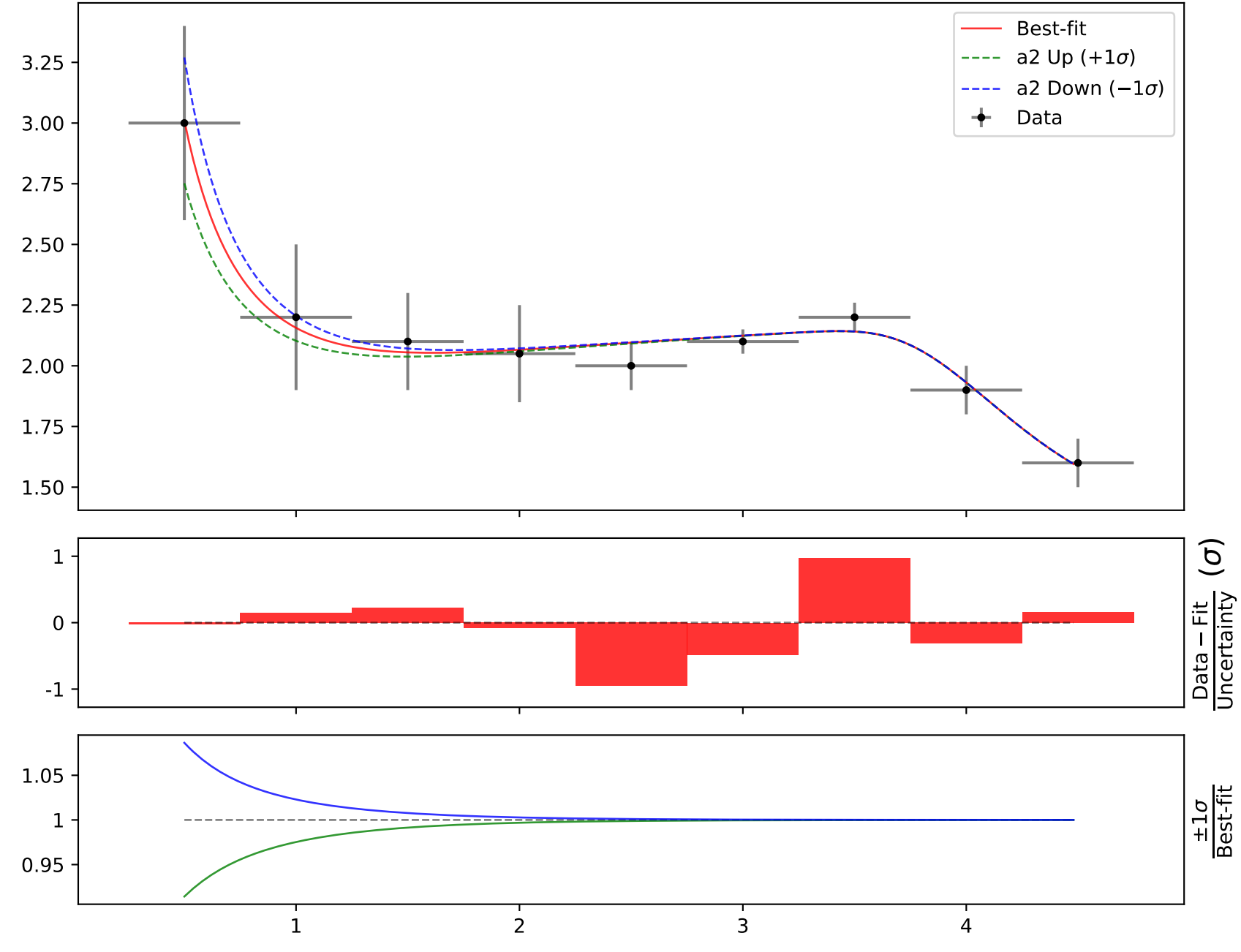
Candidate function #14

a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51$, $\mathbf{a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)}}$,
$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}$

Candidate #14

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



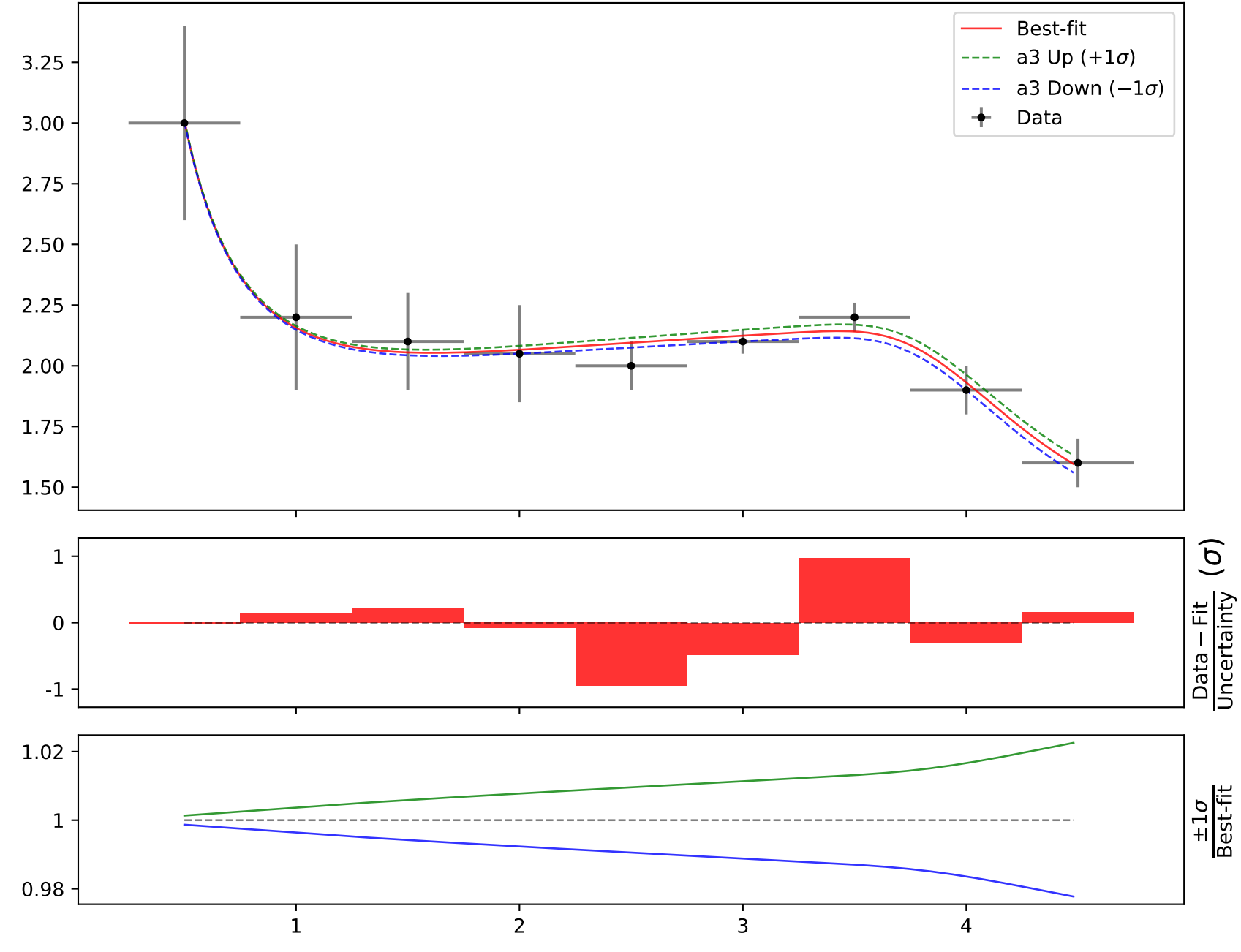
a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51$, $a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)}$,

$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}$

Candidate #14

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



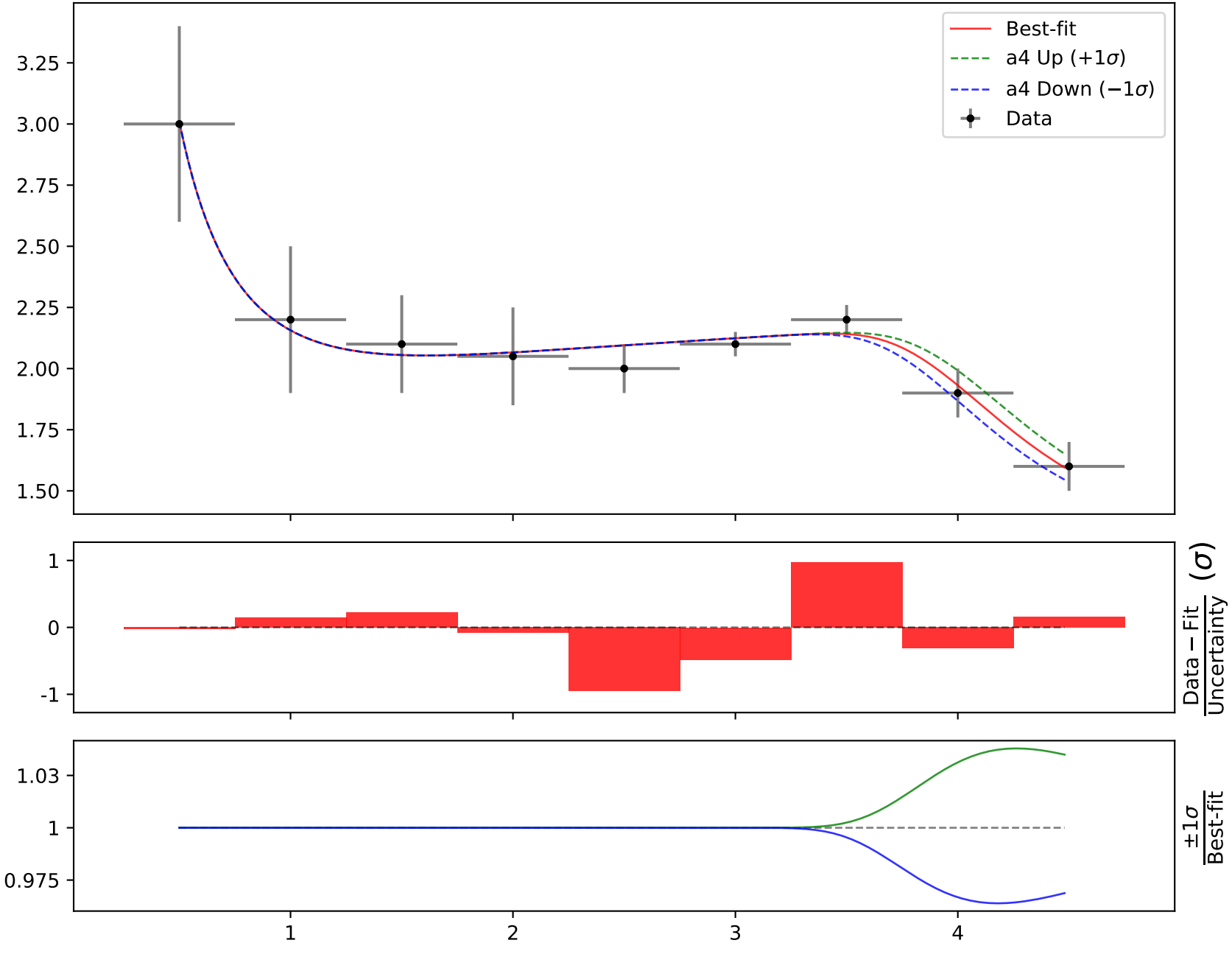
a3*x0 + tanh(x0)**(a2 + x0) + tanh(a4*x0**a1)

$a1 = -7.51$, $a2 = -1.39024^{+0.1802(13.0\%)}_{-0.1593(11.5\%)}$,

$a3 = 0.0440389^{+0.008033(18.2\%)}_{-0.007926(18.0\%)}$, $\mathbf{a4 = 32869.1^{+5309.0(16.2\%)}_{-4512.0(13.7\%)}}$

Candidate #14

χ^2/NDF = 2.301/6, RMSE = 0.04549, R2 = 0.9835



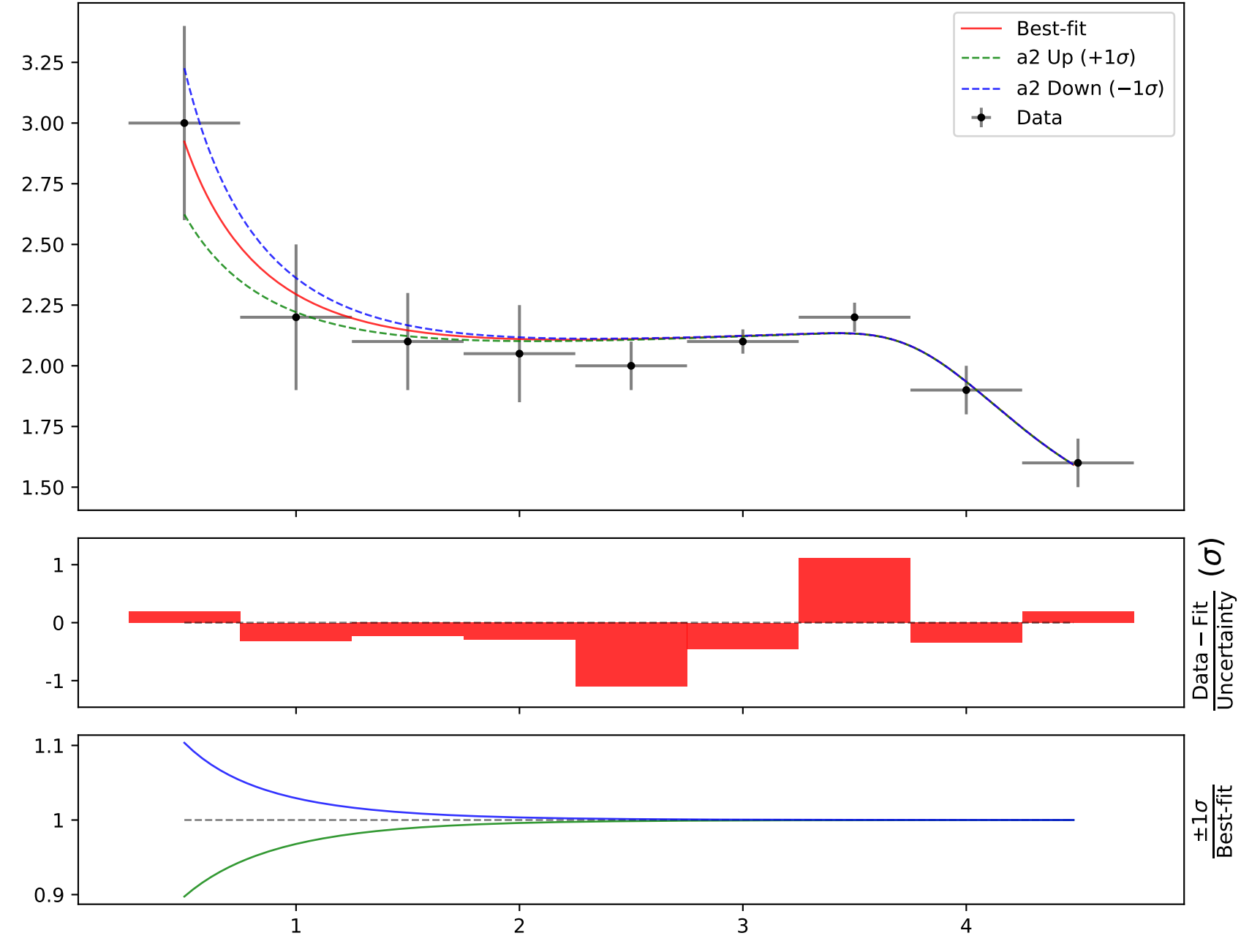
Candidate function #13

a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51$, $\mathbf{a2 = -0.834051^{+0.2221(26.6\%)}_{-0.1911(22.9\%)}}$,
$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)}$, $a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}$

Candidate #13

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



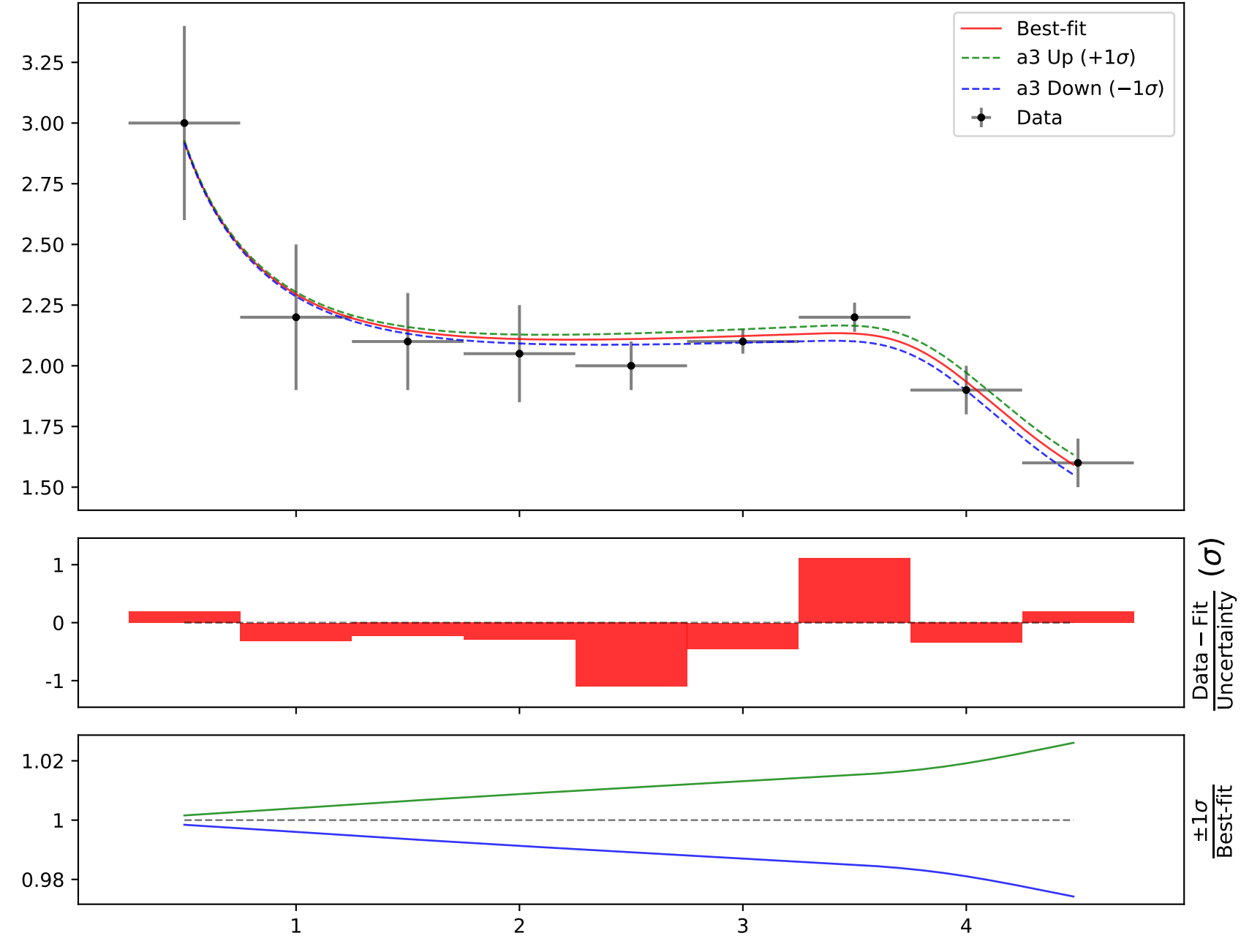
a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51,\ a2 = -0.834051^{+0.2221(26.6\%)}_{-0.1911(22.9\%)},$

$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)}$, $a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}$

Candidate #13

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



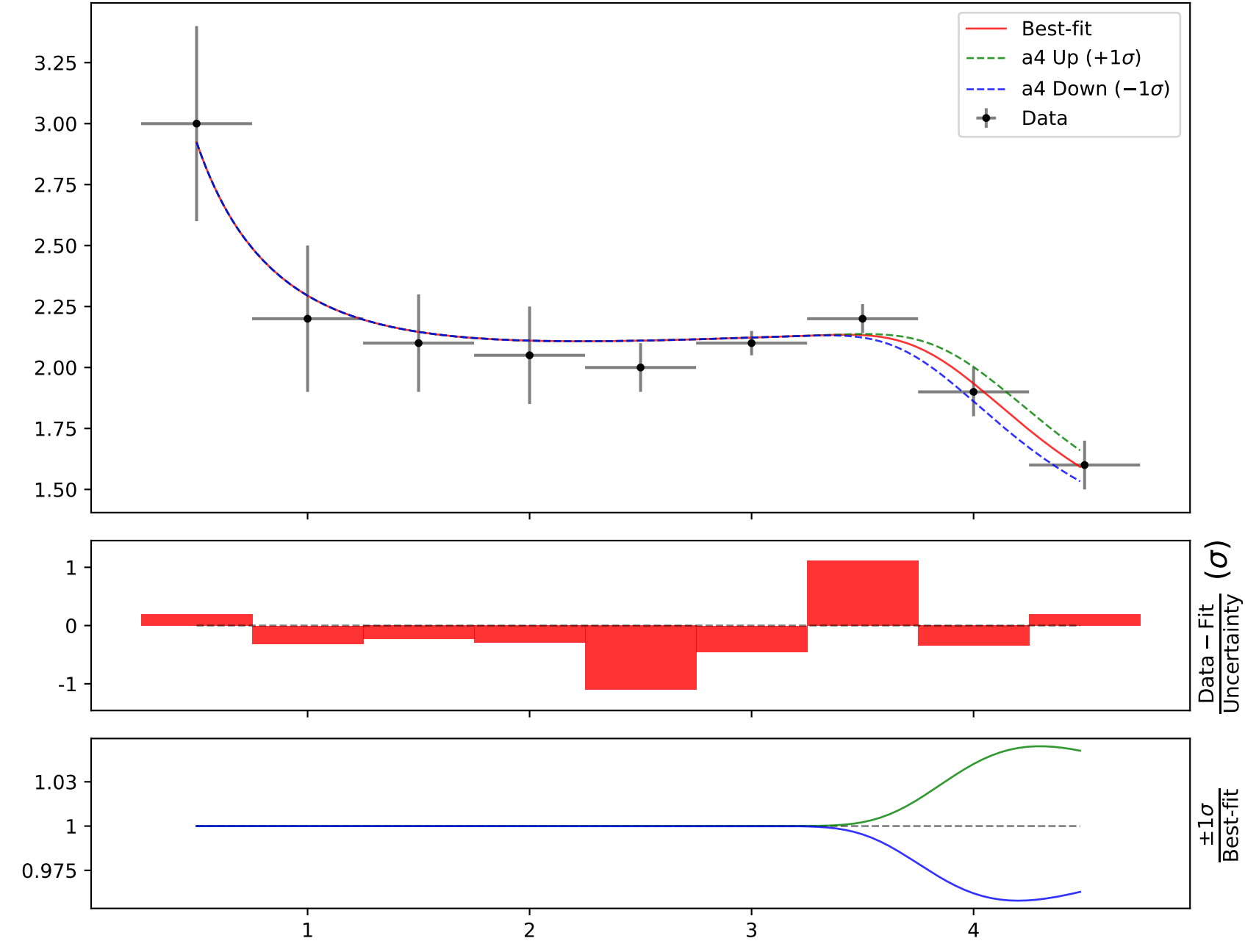
a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51,\ a2 = -0.834051^{+0.2221(26.6\%)}_{-0.1911(22.9\%)},$

$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)},\ \mathbf{a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}}$

Candidate #13

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



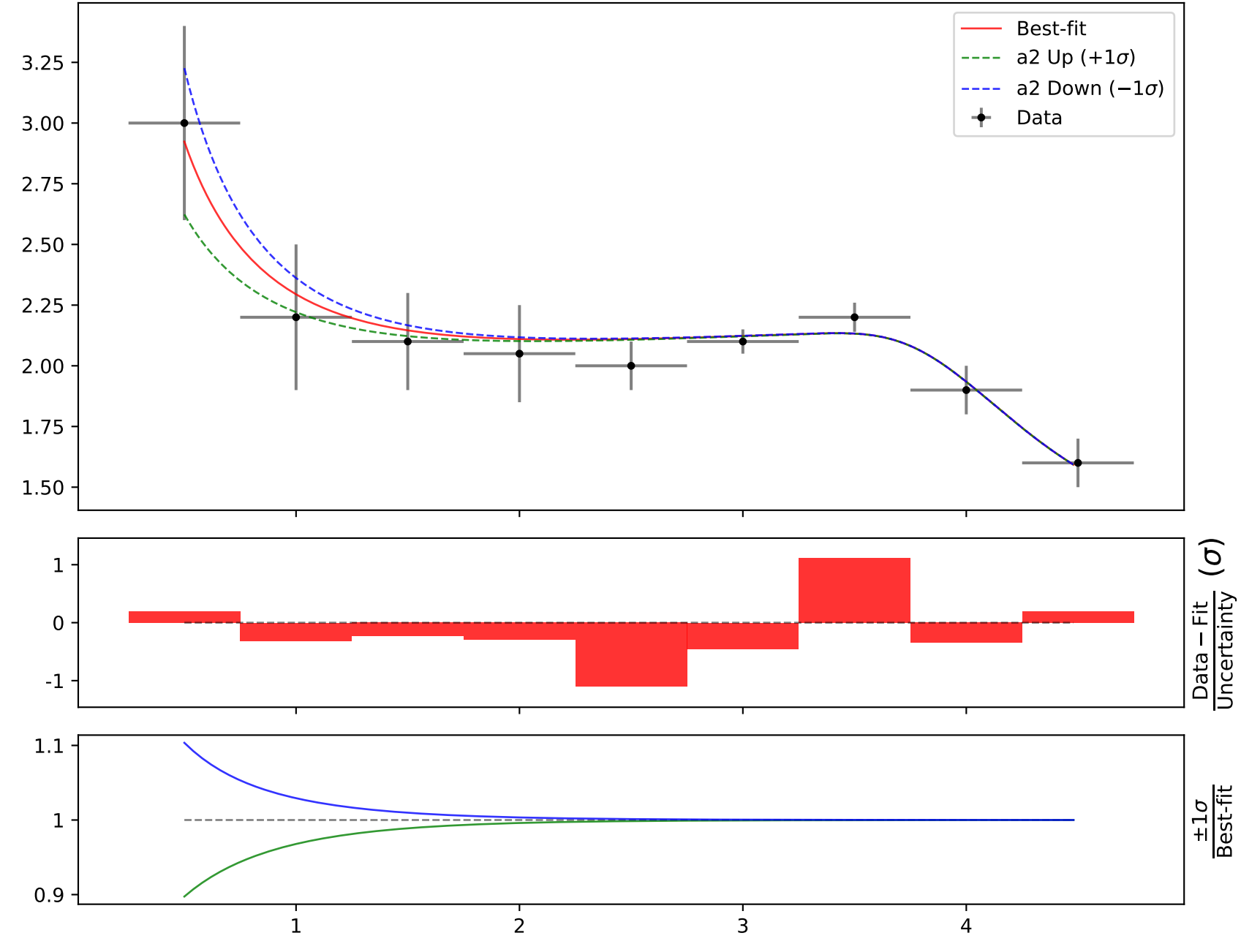
Candidate function #12

a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51$, $\mathbf{a2 = -0.83405^{+0.2221(26.6\%)}_{-0.1911(22.9\%)}}$,
$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)}$, $a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}$

Candidate #12

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



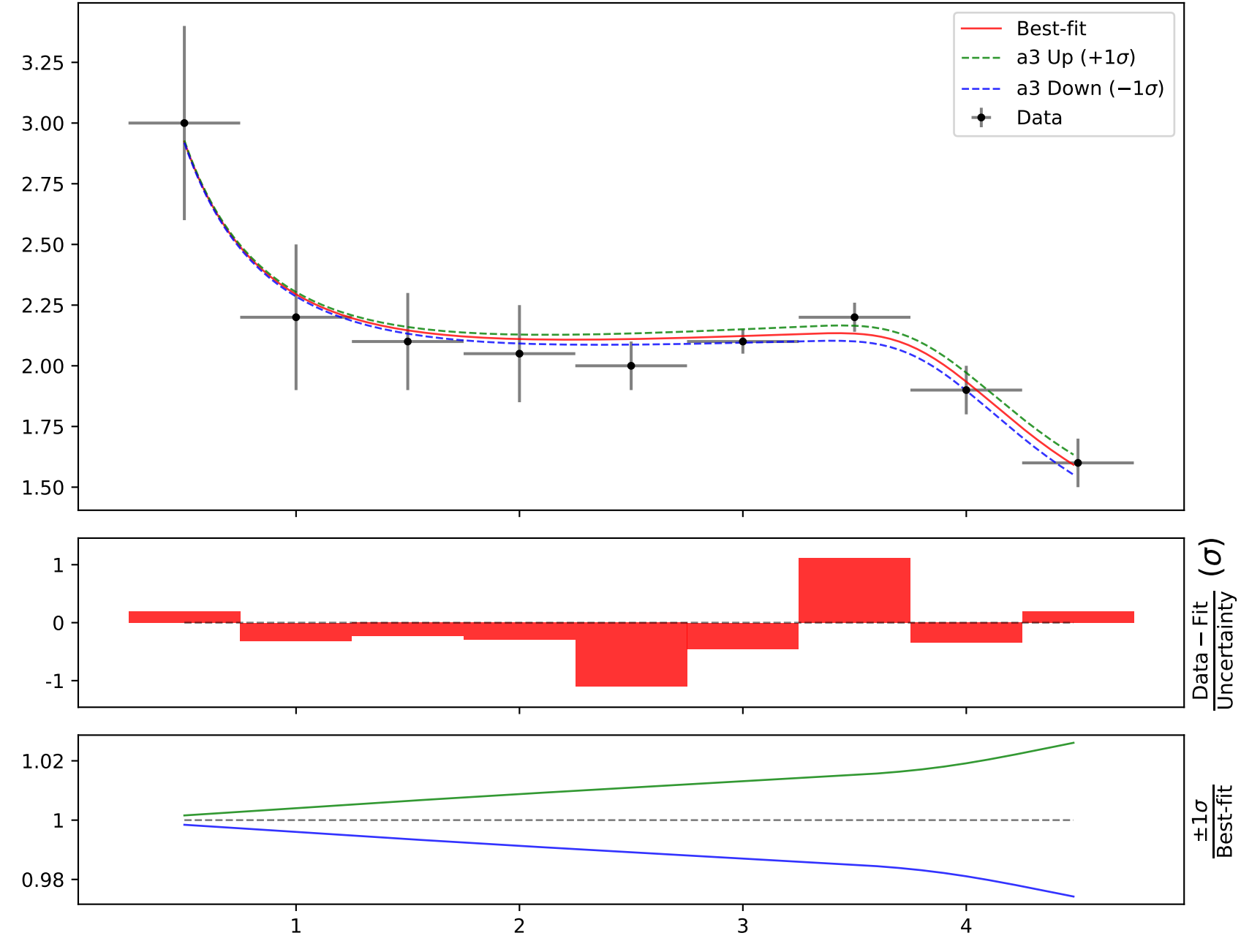
a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51,\ a2 = -0.83405^{+0.2221(26.6\%)}_{-0.1911(22.9\%)},$

$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)}$, $a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}$

Candidate #12

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



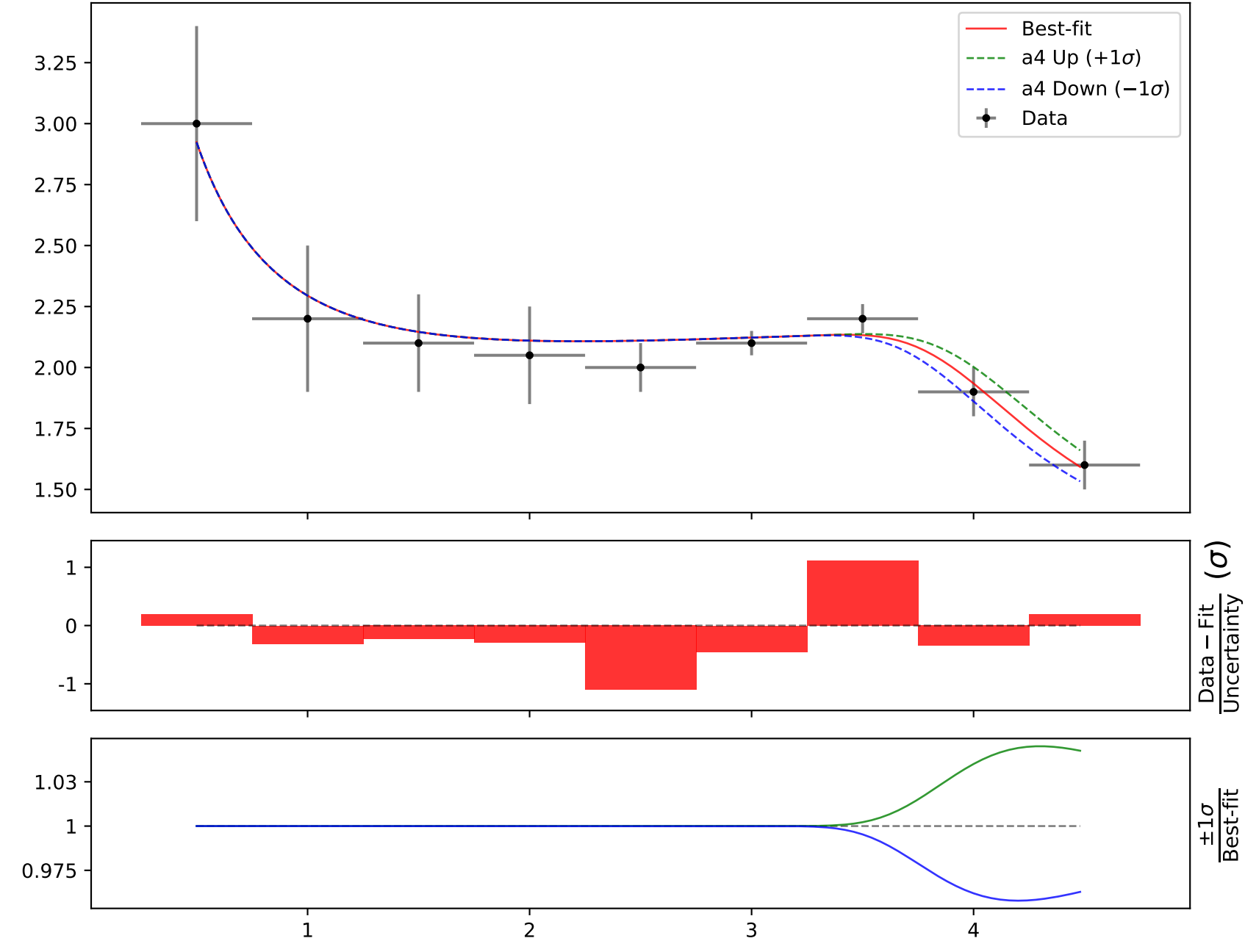
a3*x0 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.51$, $a2 = -0.83405^{+0.2221(26.6\%)}_{-0.1911(22.9\%)}$,

$a3 = 0.0394909^{+0.00927(23.5\%)}_{-0.009158(23.2\%)}$, **$a4 = 34392.1^{+6612.0(19.2\%)}_{-5413.0(15.7\%)}$**

Candidate #12

χ^2/NDF = 3.107/6, RMSE = 0.06599, R2 = 0.9652



Candidate function #11

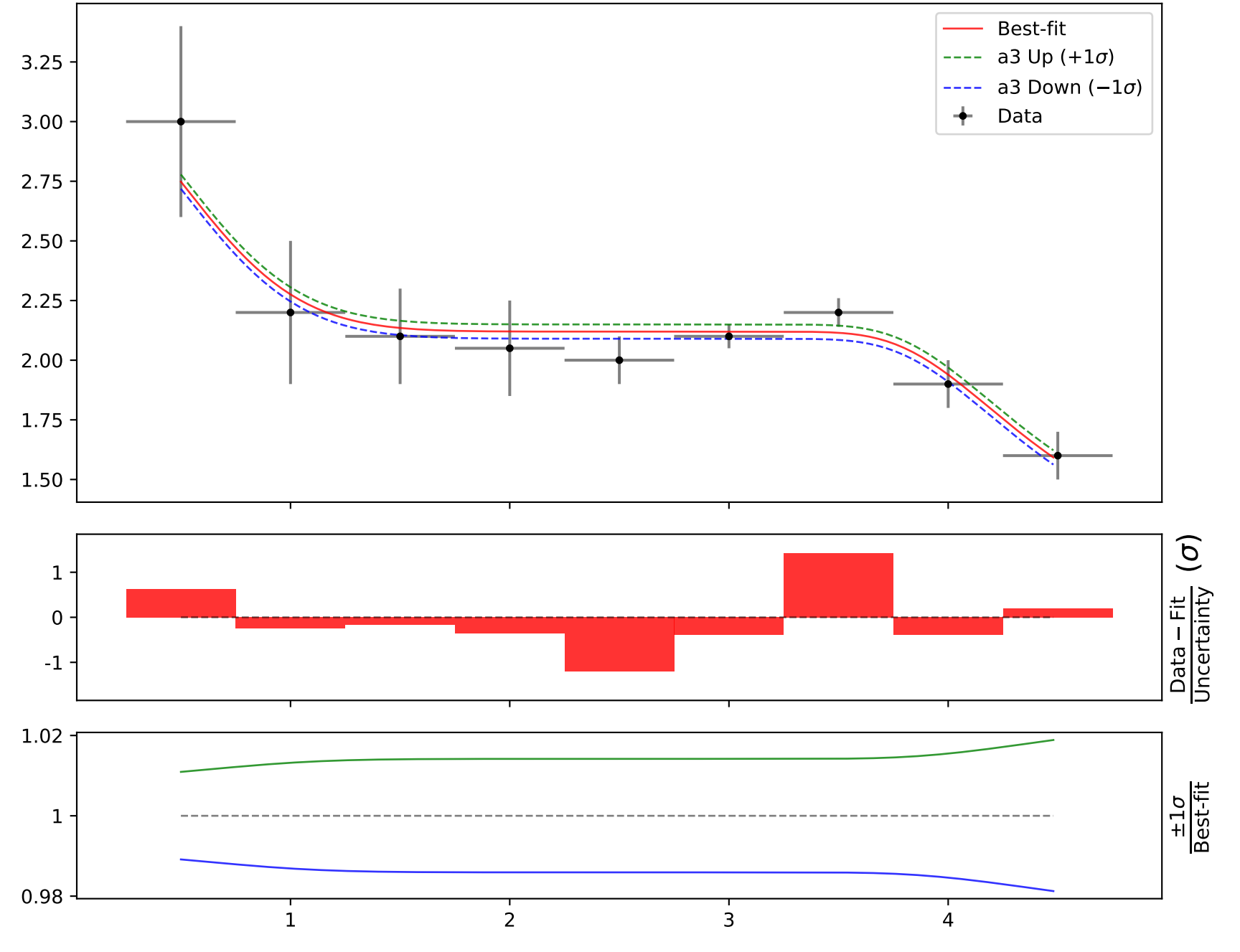
a2**(x0**2) + a3 + tanh(a4*x0**a1)

$a1 = -7.16,\ a2 = 0.156,$

$\mathbf{a3 = 1.11972^{+0.03005(2.68\%)}_{-0.02985(2.67\%)}},\ a4 = 23634.3^{+4564.0(19.3\%)}_{-3670.0(15.5\%)}$

Candidate #11

χ^2/NDF = 4.414/7, RMSE = 0.105, R2 = 0.9118



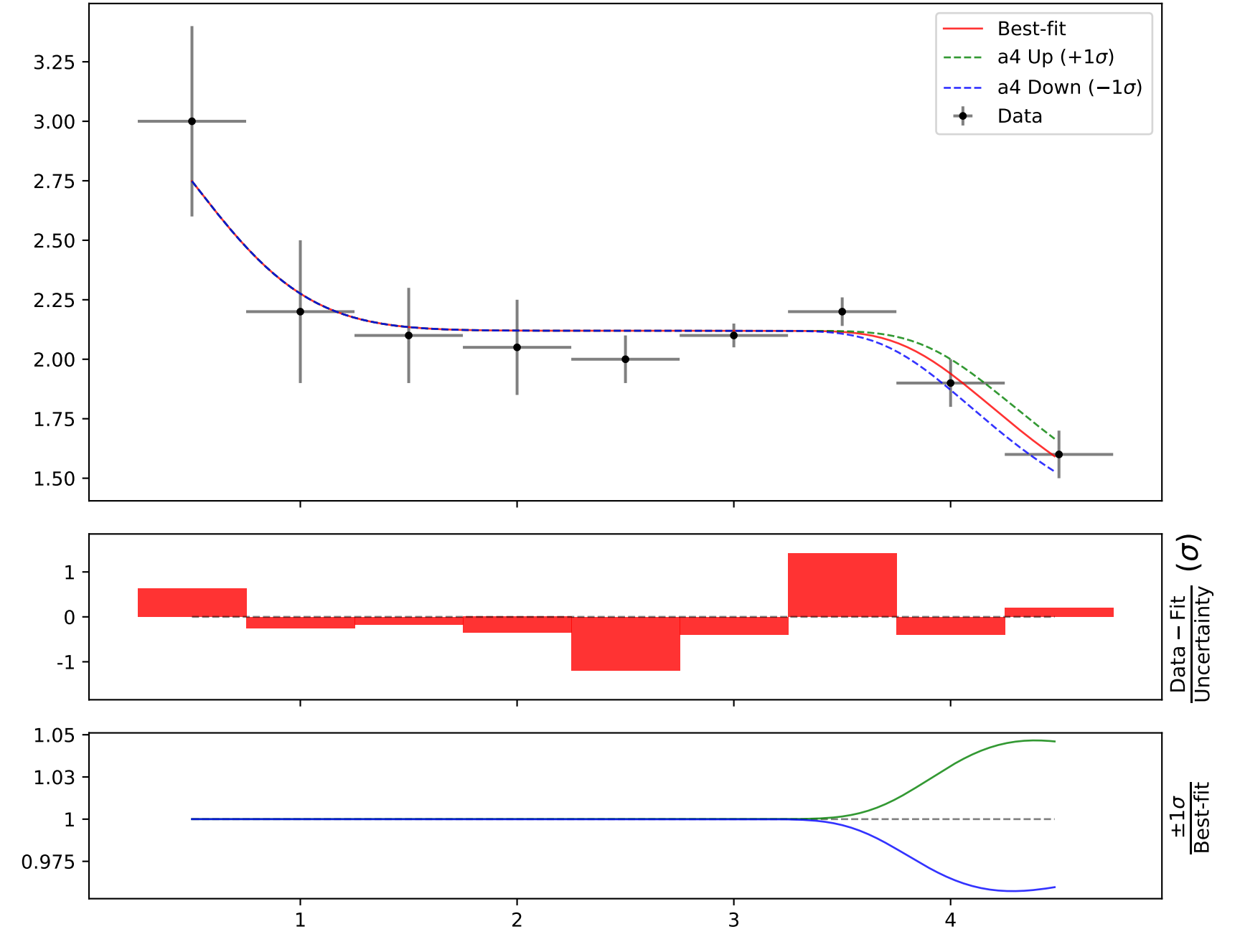
a2**(x0**2) + a3 + tanh(a4*x0**a1)

$a1 = -7.16,\ a2 = 0.156,$

$a3 = 1.11972^{+0.03005(2.68\%)}_{-0.02985(2.67\%)},$ **$a4 = 23634.3^{+4564.0(19.3\%)}_{-3670.0(15.5\%)}$**

Candidate #11

χ^2/NDF = 4.414/7, RMSE = 0.105, R2 = 0.9118



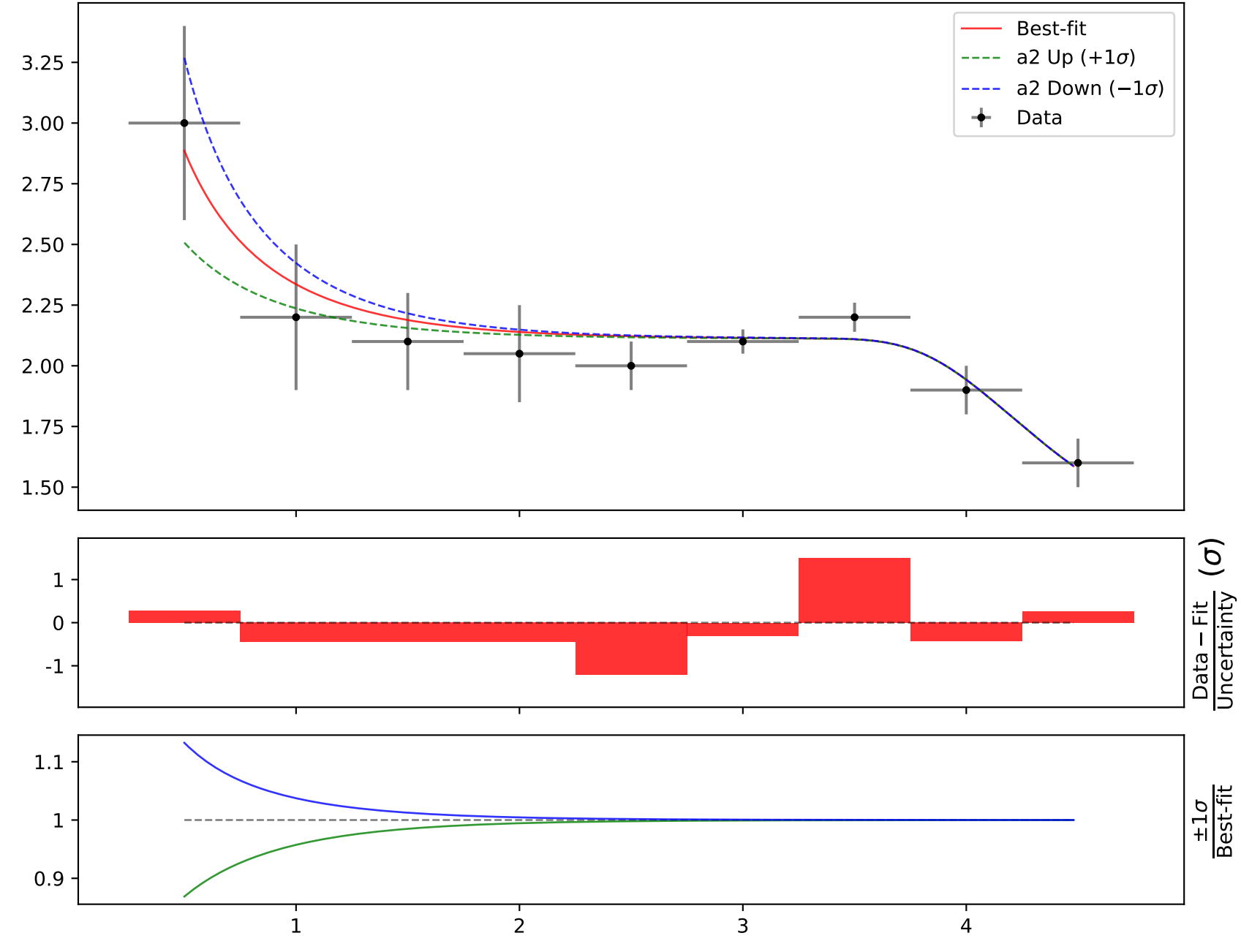
Candidate function #10

a3 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.37$, $\mathbf{a2 = -0.742902^{+0.3111(41.9\%)}_{-0.2528(34.0\%)}}$,
$a3 = 0.111546^{+0.03478(31.2\%)}_{-0.03454(31.0\%)}$, $a4 = 32582.2^{+7543.0(23.2\%)}_{-5817.0(17.9\%)}$

Candidate #10

χ^2/NDF = 4.78/6, RMSE = 0.09003, R2 = 0.9352



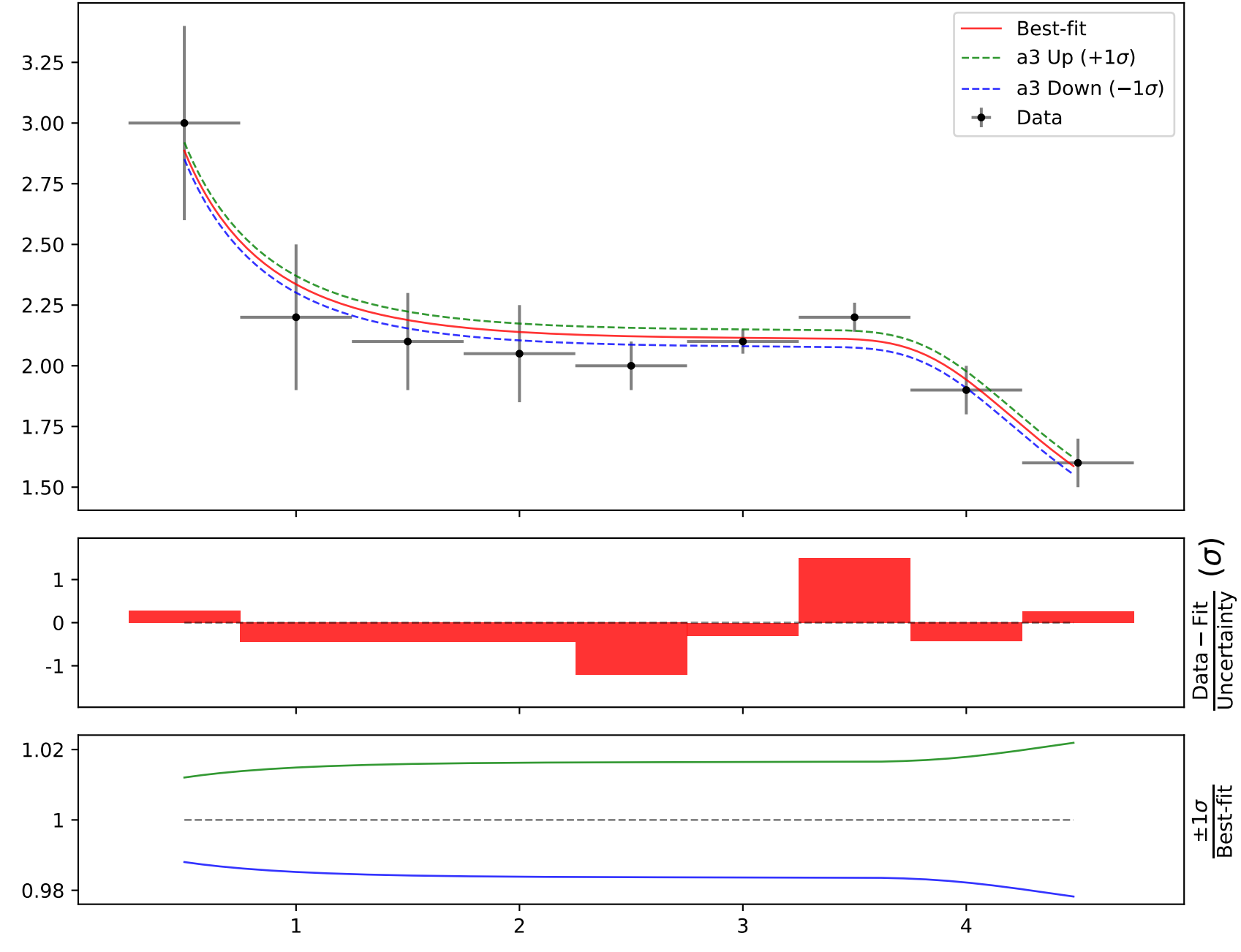
a3 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.37$, $a2 = -0.742902^{+0.3111(41.9\%)}_{-0.2528(34.0\%)}$,

$a3 = 0.111546^{+0.03478(31.2\%)}_{-0.03454(31.0\%)}$, $a4 = 32582.2^{+7543.0(23.2\%)}_{-5817.0(17.9\%)}$

Candidate #10

χ^2/NDF = 4.78/6, RMSE = 0.09003, R2 = 0.9352

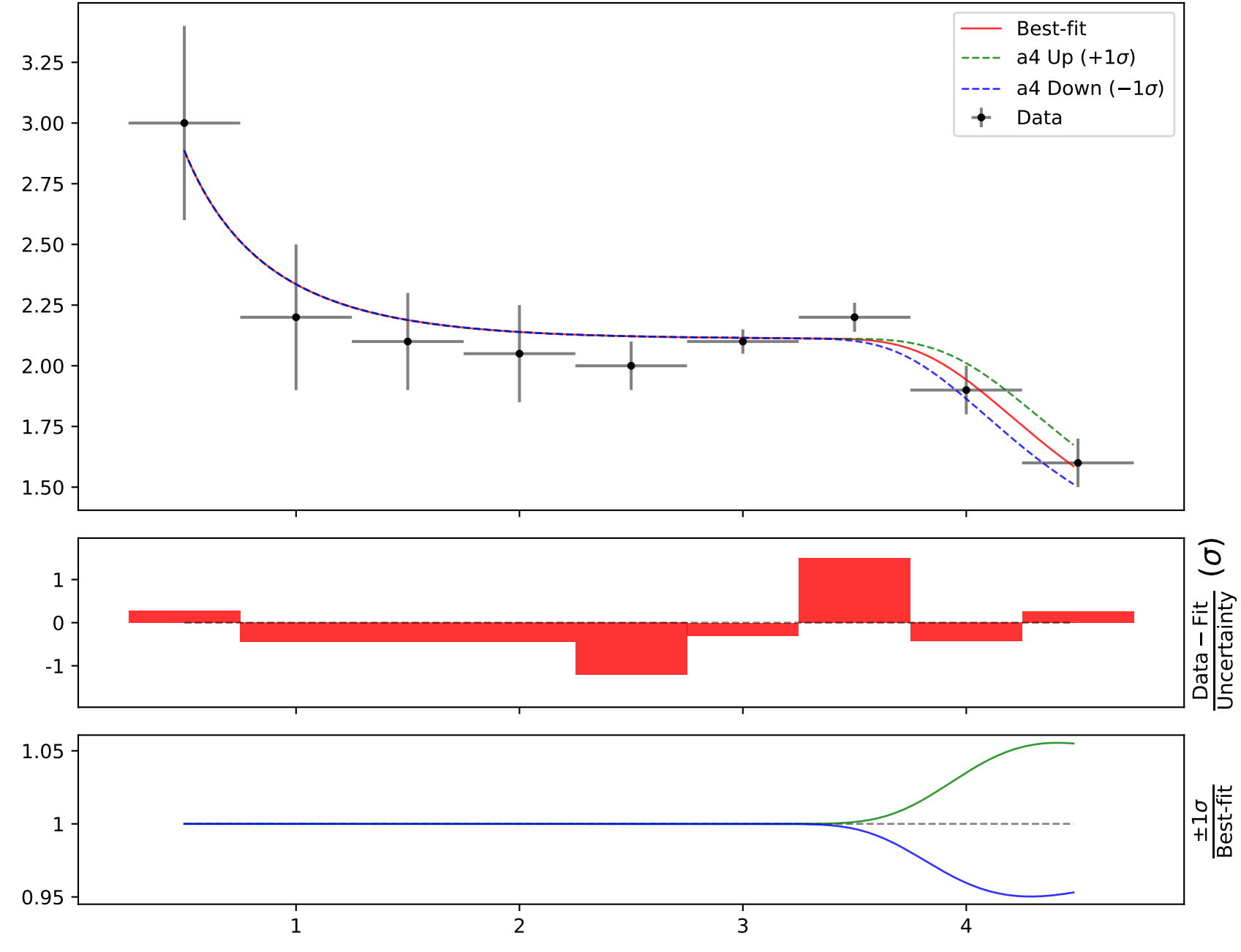


a3 + tanh(x0)**a2 + tanh(a4*x0**a1)

$a1 = -7.37,\ a2 = -0.742902^{+0.3111(41.9\%)}_{-0.2528(34.0\%)},$
$a3 = 0.111546^{+0.03478(31.2\%)}_{-0.03454(31.0\%)},$ **$a4 = 32582.2^{+7543.0(23.2\%)}_{-5817.0(17.9\%)}$**

Candidate #10

χ^2/NDF = 4.78/6, RMSE = 0.09003, R2 = 0.9352



Candidate function #9

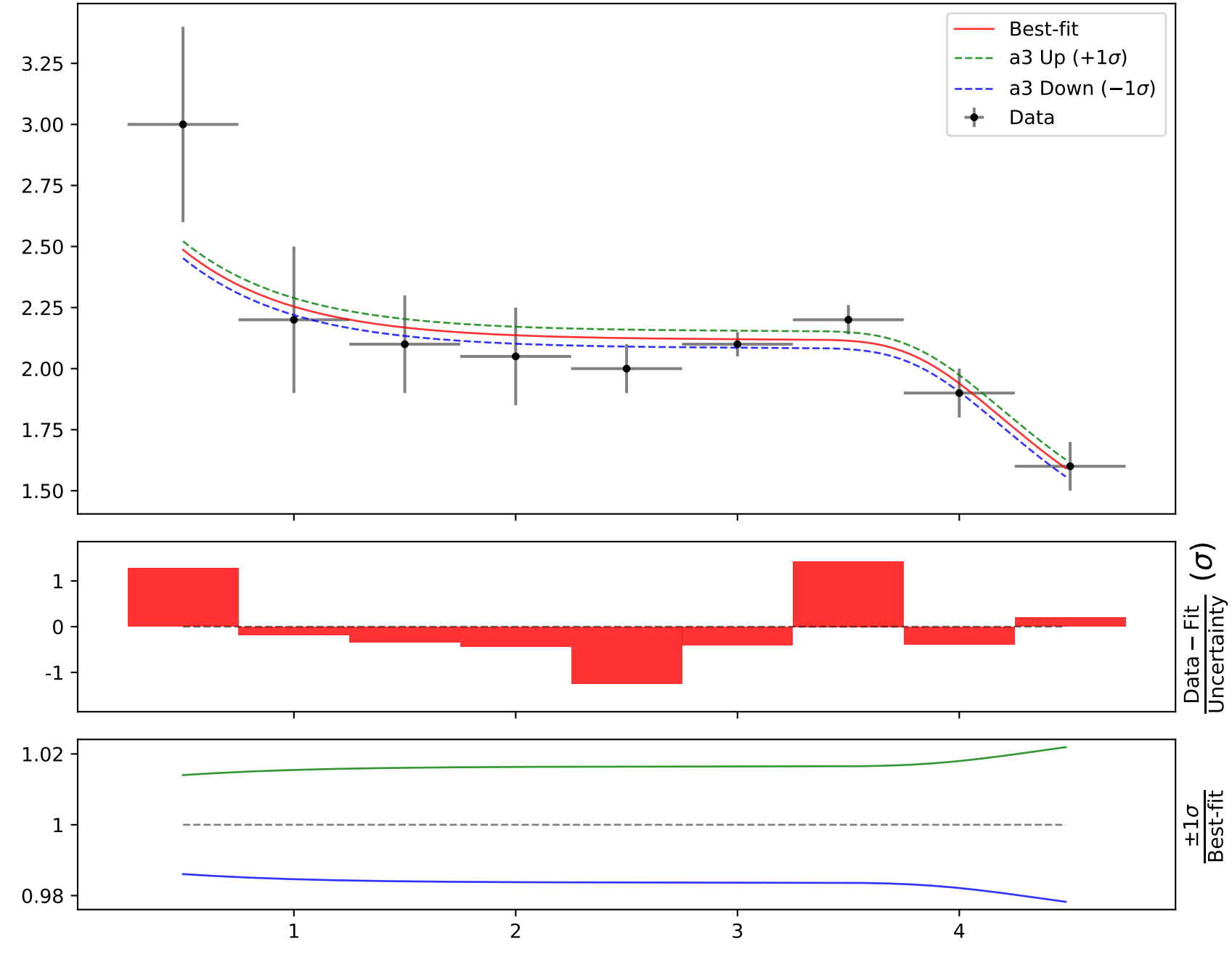
a2**x0 + a3 + tanh(a4*x0**a1)

$a1 = -7.16,\ a2 = 0.136,$

$\mathbf{a3 = 1.11801^{+0.0349(3.12\%)}_{-0.03464(3.1\%)}},\ a4 = 23724.5^{+5435.0(22.9\%)}_{-4215.0(17.8\%)}$

Candidate #9

χ^2/NDF = 5.952/7, RMSE = 0.1837, R2 = 0.7301



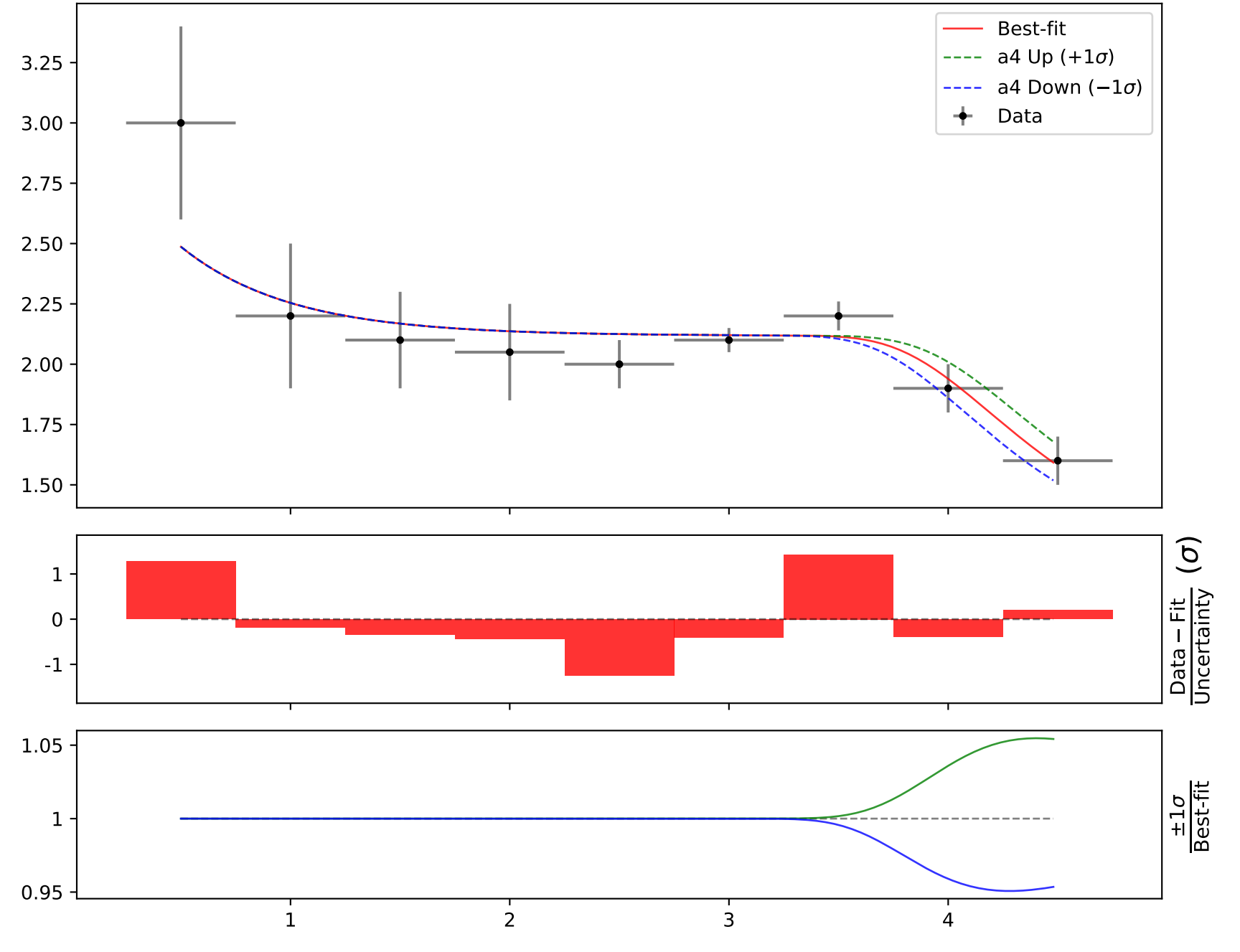
a2**x0 + a3 + tanh(a4*x0**a1)

$a1 = -7.16,\ a2 = 0.136,$

$a3 = 1.11801^{+0.0349(3.12\%)}_{-0.03464(3.1\%)},\ \mathbf{a4 = 23724.5^{+5435.0(22.9\%)}_{-4215.0(17.8\%)}}$

Candidate #9

χ^2/NDF = 5.952/7, RMSE = 0.1837, R2 = 0.7301



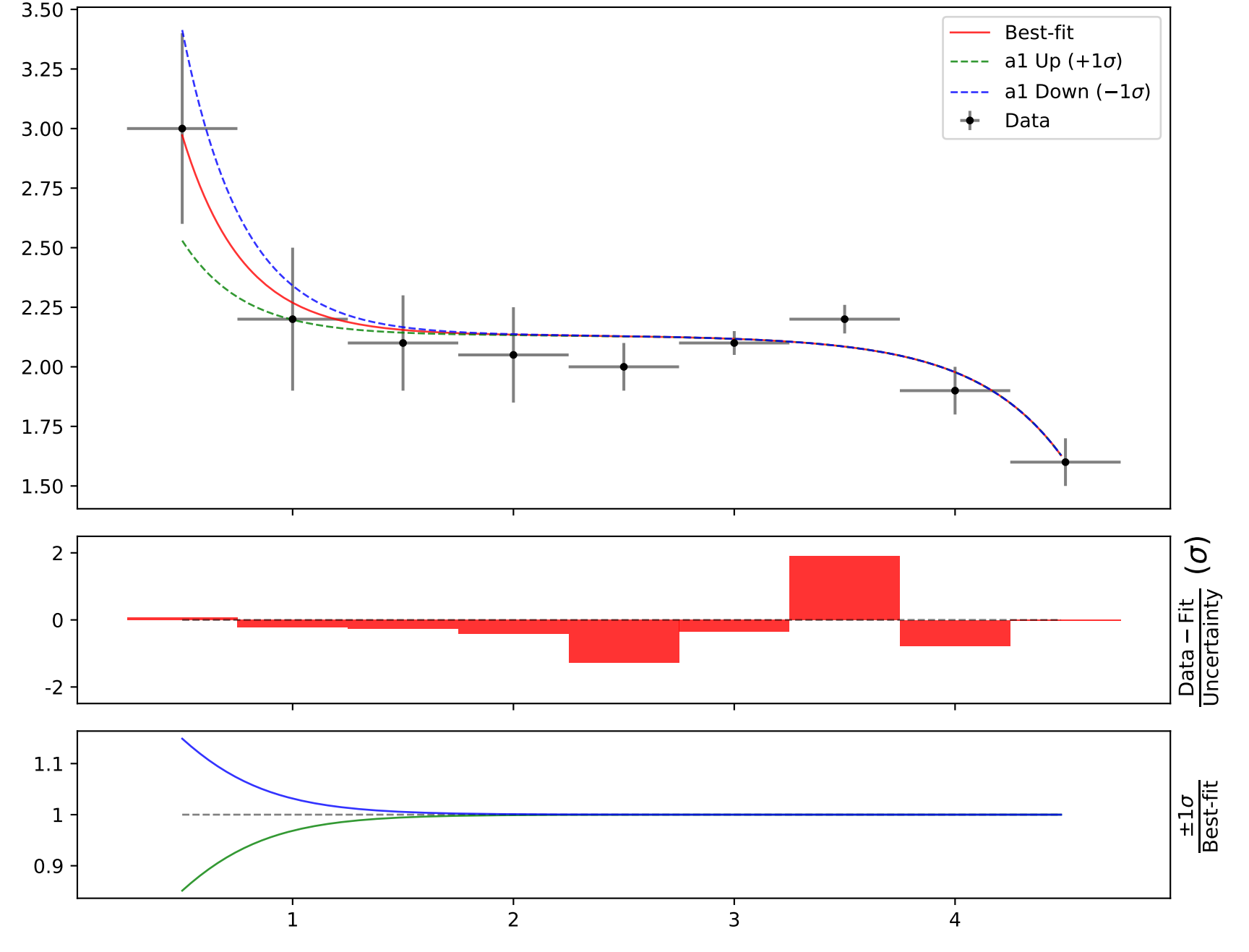
Candidate function #8

a2*x0**x0 + a3**(a1 + x0) + a4

a1 = $-0.451505^{+0.2058(45.6\%)}_{-0.1163(25.8\%)}$, a2 = $-0.000610438^{+0.000141(23.1\%)}_{-0.000141(23.1\%)}$,
a3 = 0.0262, a4 = $2.13388^{+0.04031(1.89\%)}_{-0.04031(1.89\%)}$

Candidate #8

χ^2/NDF = 6.366/6, RMSE = 0.0759, R2 = 0.9539

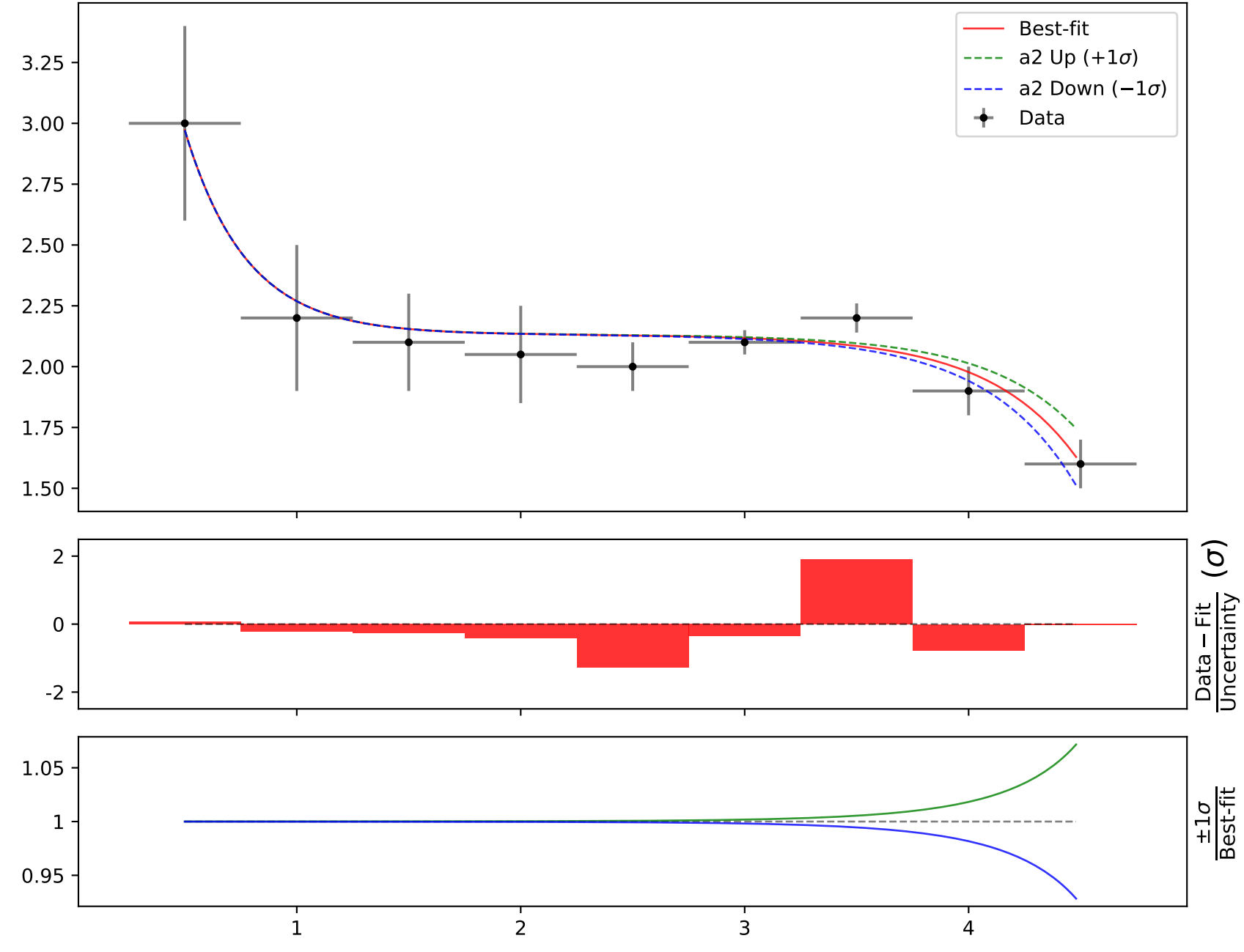


a2*x0**x0 + a3**(a1 + x0) + a4

$a1 = -0.451505^{+0.2058(45.6\%)}_{-0.1163(25.8\%)}$, **$a2 = -0.000610438^{+0.000141(23.1\%)}_{-0.000141(23.1\%)}$**,
$a3 = 0.0262$, $a4 = 2.13388^{+0.04031(1.89\%)}_{-0.04031(1.89\%)}$

Candidate #8

χ^2/NDF = 6.366/6, RMSE = 0.0759, R2 = 0.9539

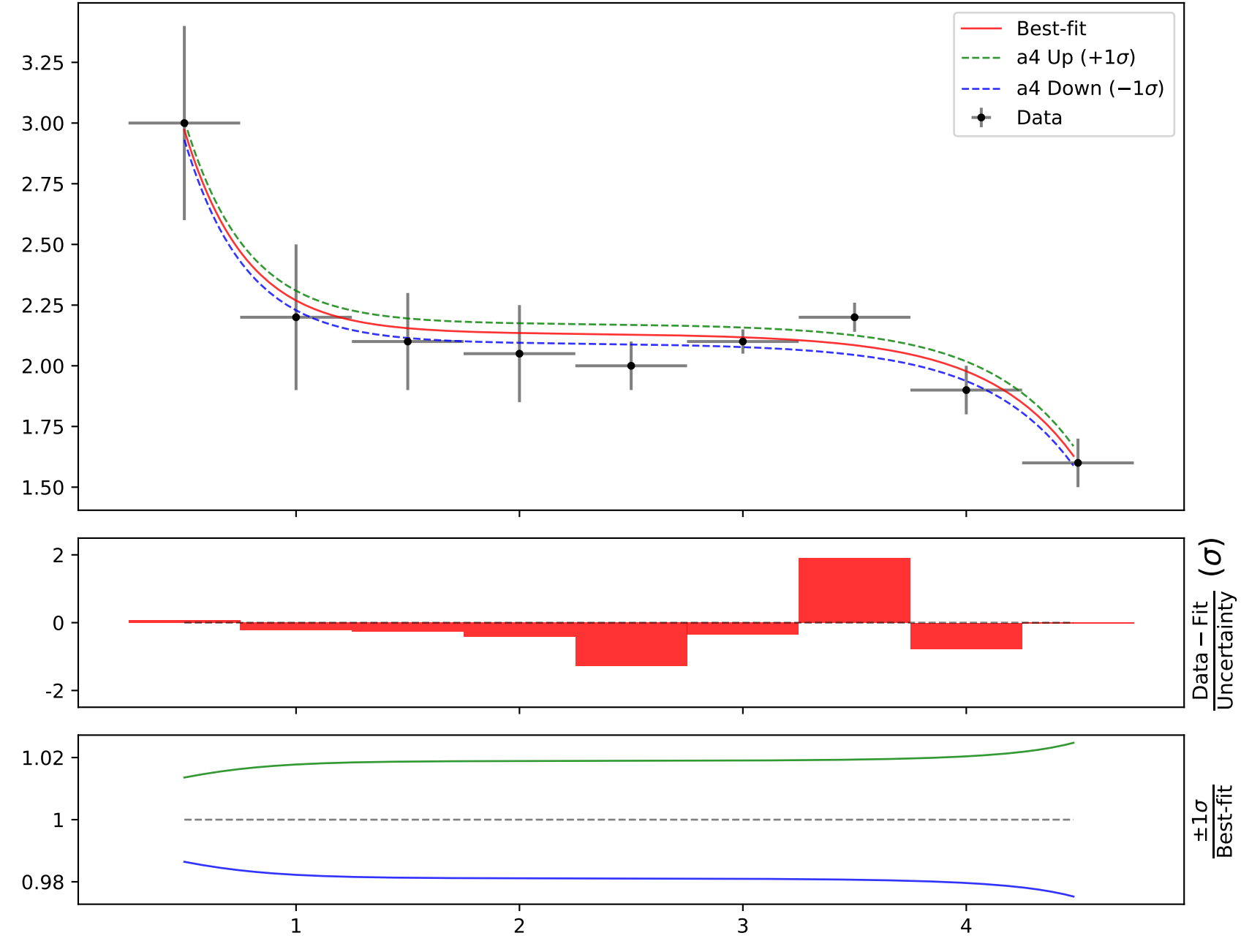


a2*x0**x0 + a3**(a1 + x0) + a4

$a1 = -0.451505^{+0.2058(45.6\%)}_{-0.1163(25.8\%)}$, $a2 = -0.000610438^{+0.000141(23.1\%)}_{-0.000141(23.1\%)}$,
$a3 = 0.0262$, $\mathbf{a4 = 2.13388^{+0.04031(1.89\%)}_{-0.04031(1.89\%)}}$

Candidate #8

χ^2/NDF = 6.366/6, RMSE = 0.0759, R2 = 0.9539

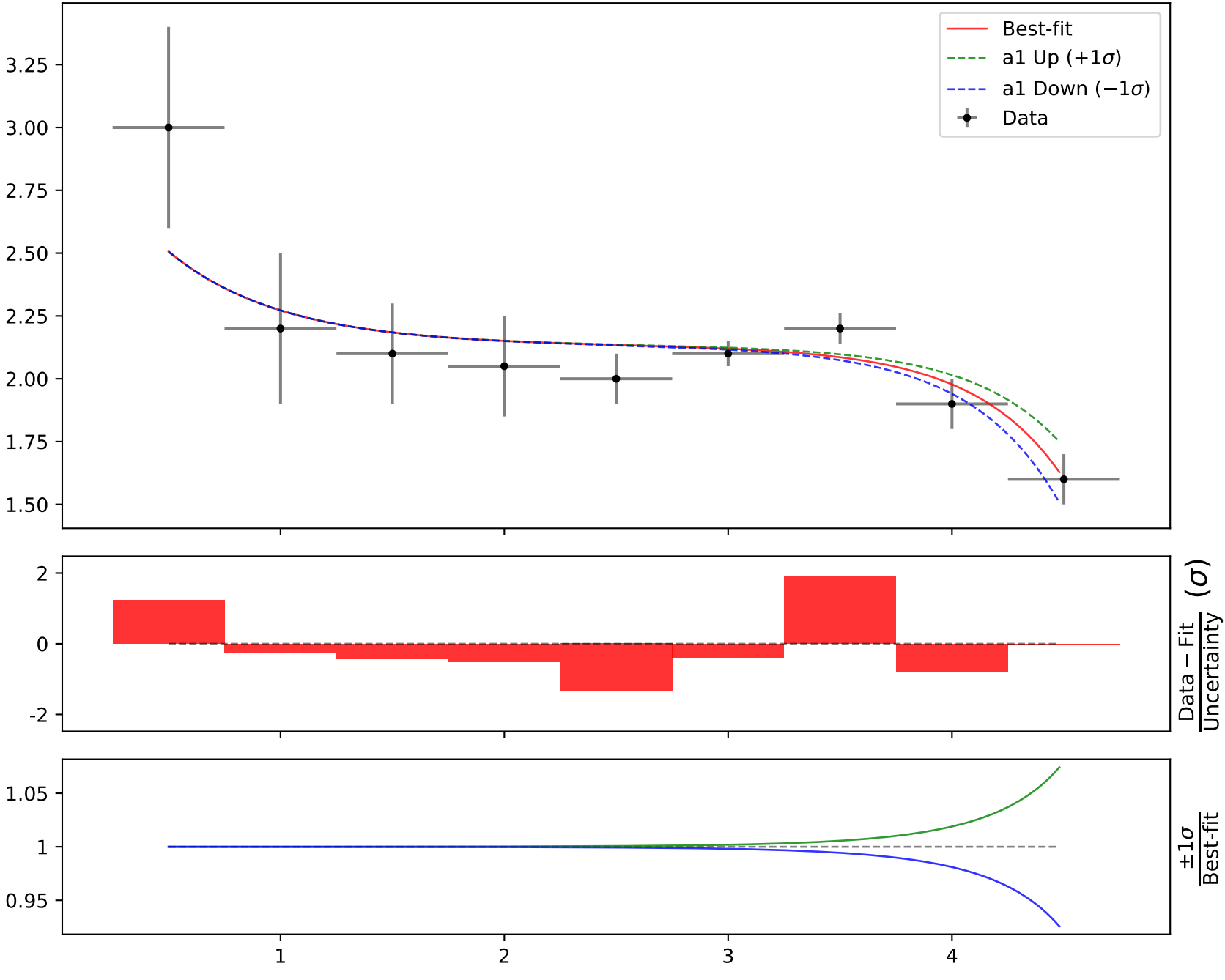


Candidate function #7

a1*x0**x0 + a2**x0 + a3

a1 = $-0.000611029^{+0.0001462(23.9\%)}_{-0.0001462(23.9\%)}$, $a2 = 0.139$,
$a3 = 2.13368^{+0.04154(1.95\%)}_{-0.04154(1.95\%)}$

Candidate #7
χ^2/NDF = 8.224/7, RMSE = 0.1838, R2 = 0.7299



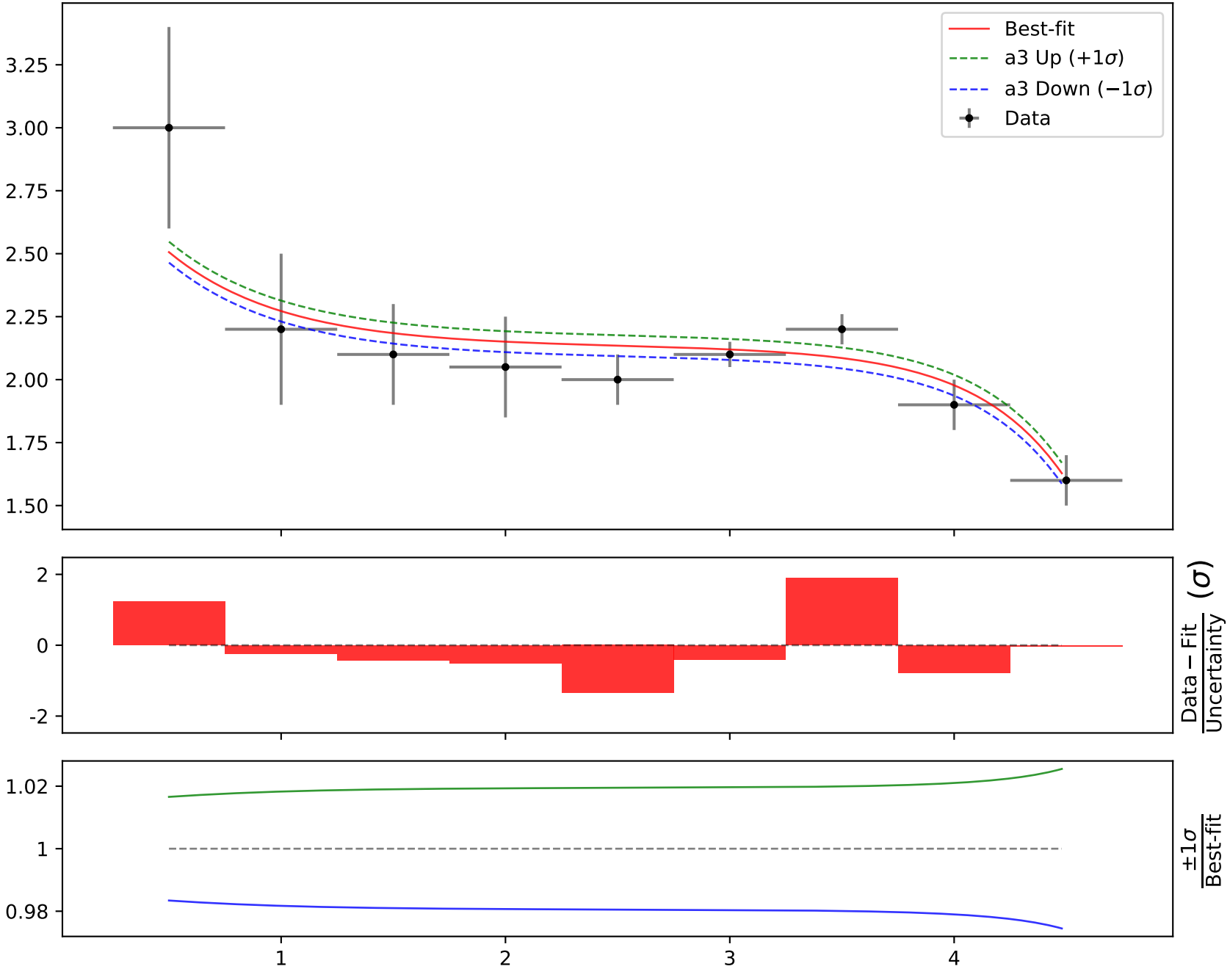
a1*x0**x0 + a2**x0 + a3

$a1 = -0.000611029^{+0.0001462(23.9\%)}_{-0.0001462(23.9\%)}$, $a2 = 0.139$,

$a3 = 2.13368^{+0.04154(1.95\%)}_{-0.04154(1.95\%)}$

Candidate #7

χ^2/NDF = 8.224/7, RMSE = 0.1838, R2 = 0.7299

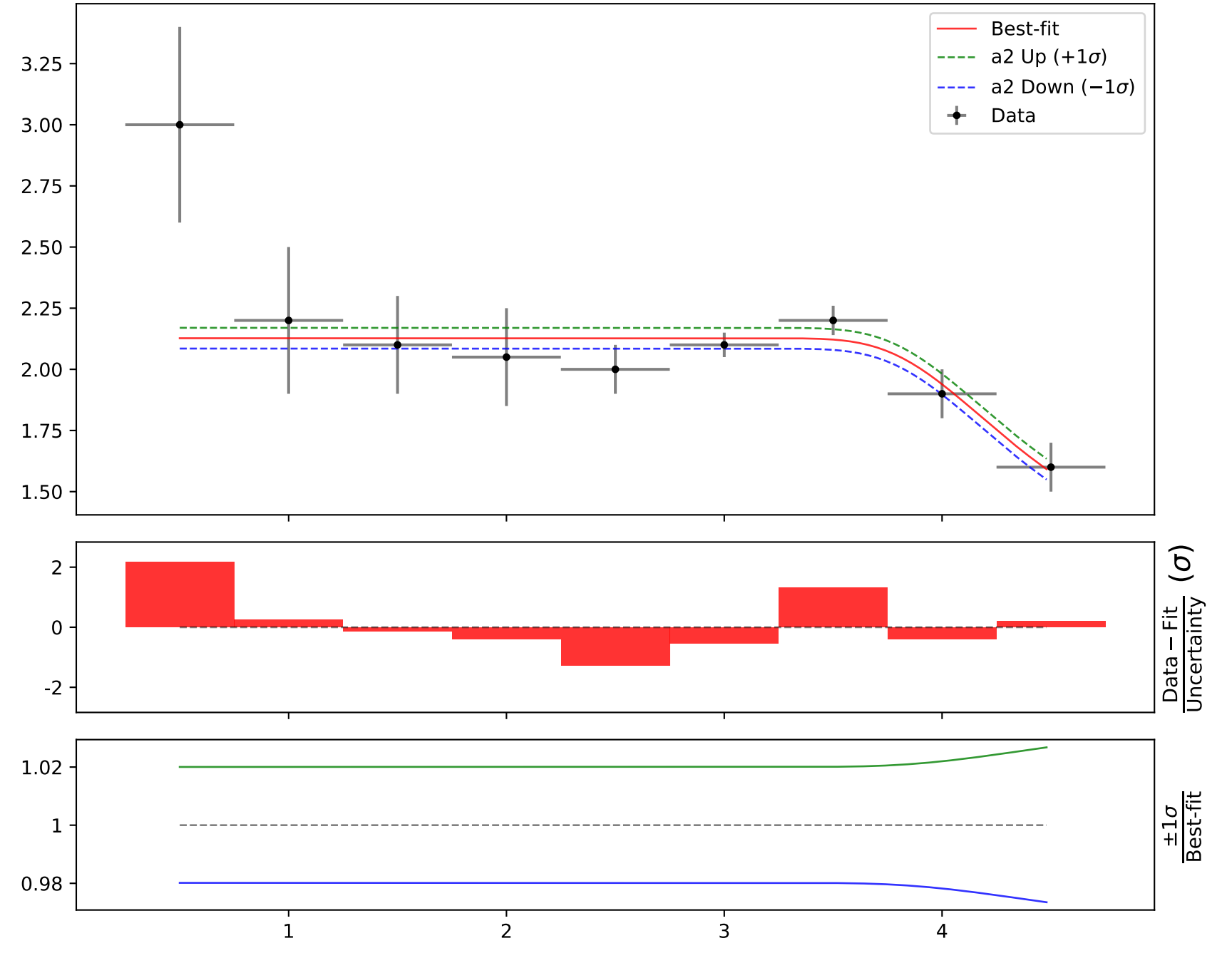


Candidate function #6

a2 + tanh(a3*x0**a1)

$a1 = -7.16$, $\mathbf{a2 = 1.12717^{+0.04262(3.78\%)}_{-0.0422(3.74\%)}}$,
$a3 = 23164.1^{+6628.0(28.6\%)}_{-4892.0(21.1\%)}$

Candidate #6
χ^2/NDF = 8.8/7, RMSE = 0.2979, R2 = 0.2903



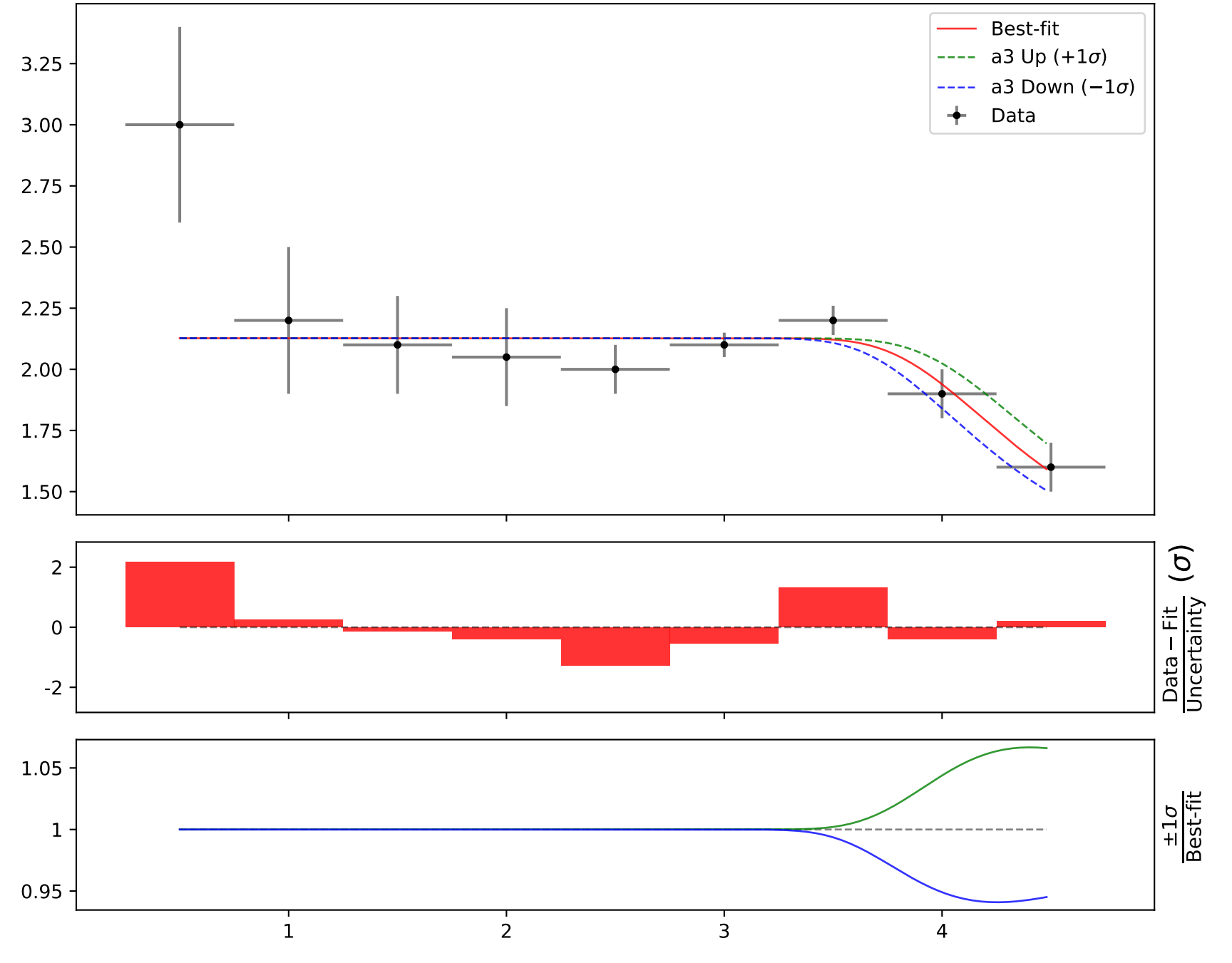
a2 + tanh(a3*x0**a1)

$a1 = -7.16,\ a2 = 1.12717^{+0.04262(3.78\%)}_{-0.0422(3.74\%)}$,

$a3 = 23164.1^{+6628.0(28.6\%)}_{-4892.0(21.1\%)}$

Candidate #6

χ^2/NDF = 8.8/7, RMSE = 0.2979, R2 = 0.2903



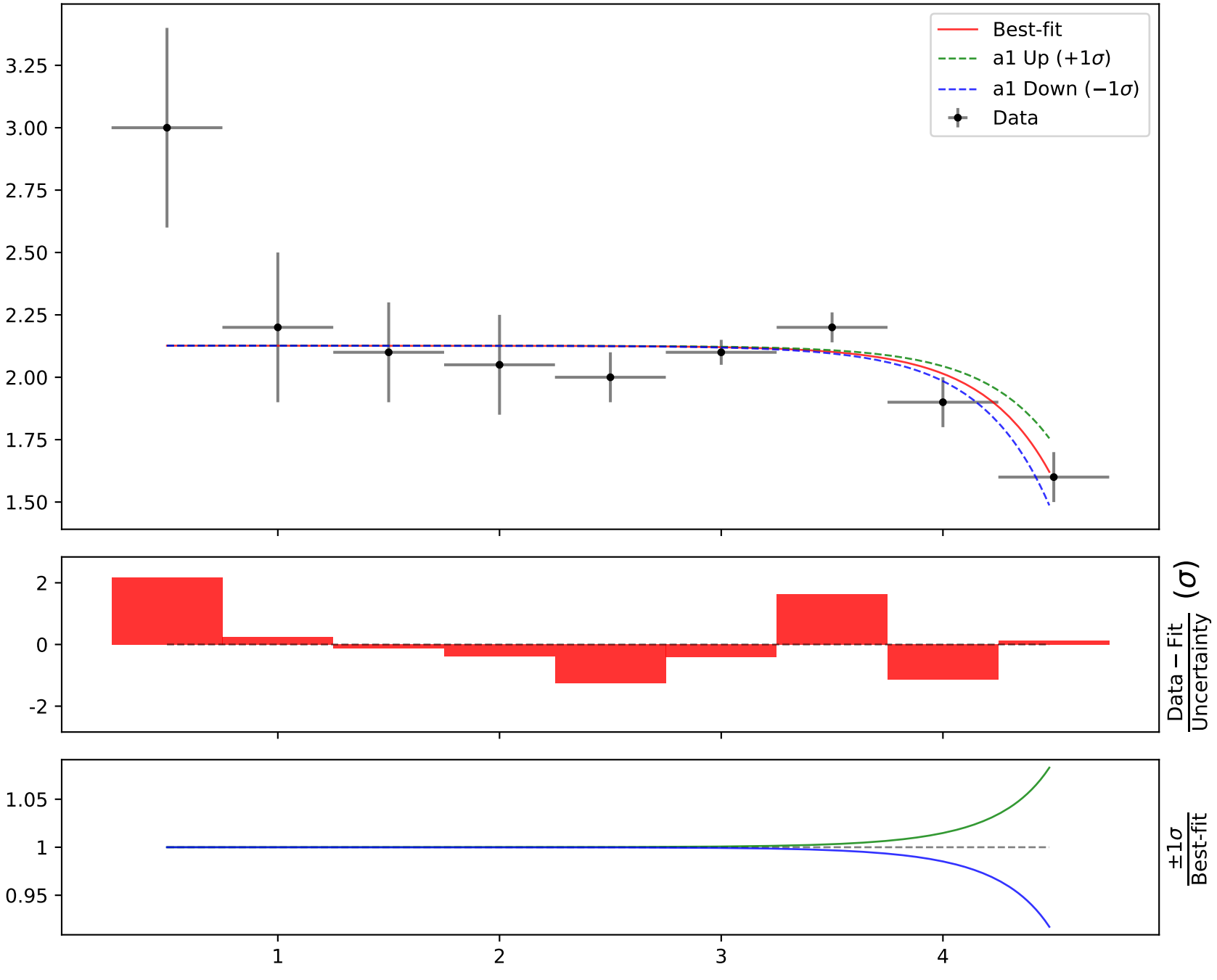
Candidate function #5

a1*(2*x0)**x0 + a2

$\mathbf{a1 = -2.73917e-05^{+7.276e-06(26.6\%)}_{-7.276e-06(26.6\%)}}$, $a2 = 2.12664^{+0.04539(2.13\%)}_{-0.04539(2.13\%)}$

Candidate #5

χ^2/NDF = 10.73/7, RMSE = 0.3007, R2 = 0.2771

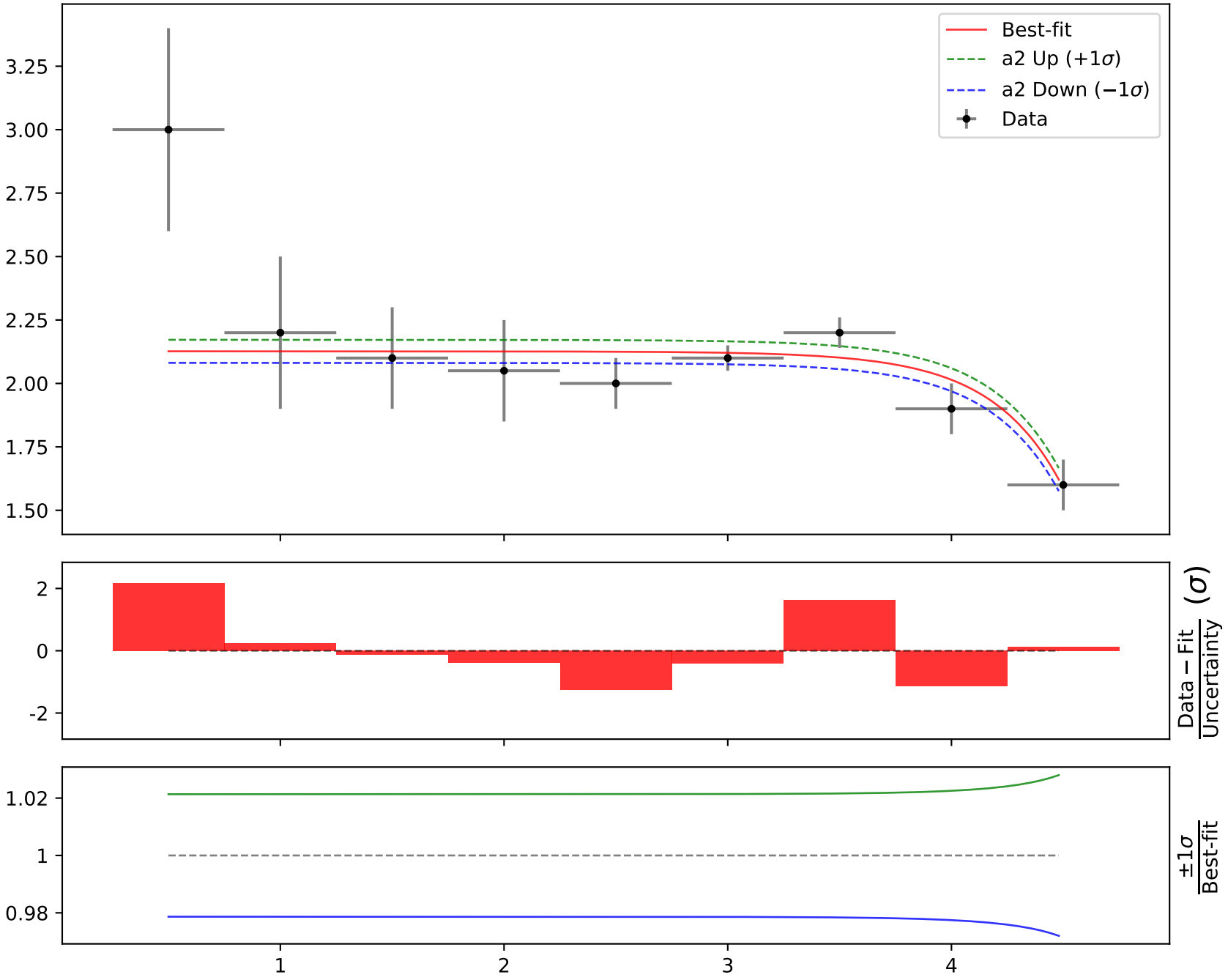


a1*(2*x0)**x0 + a2

$a1 = -2.73917e-05^{+7.276e-06(26.6\%)}_{-7.276e-06(26.6\%)}$, **$a2 = 2.12664^{+0.04539(2.13\%)}_{-0.04539(2.13\%)}$**

Candidate #5

χ^2/NDF = 10.73/7, RMSE = 0.3007, R2 = 0.2771



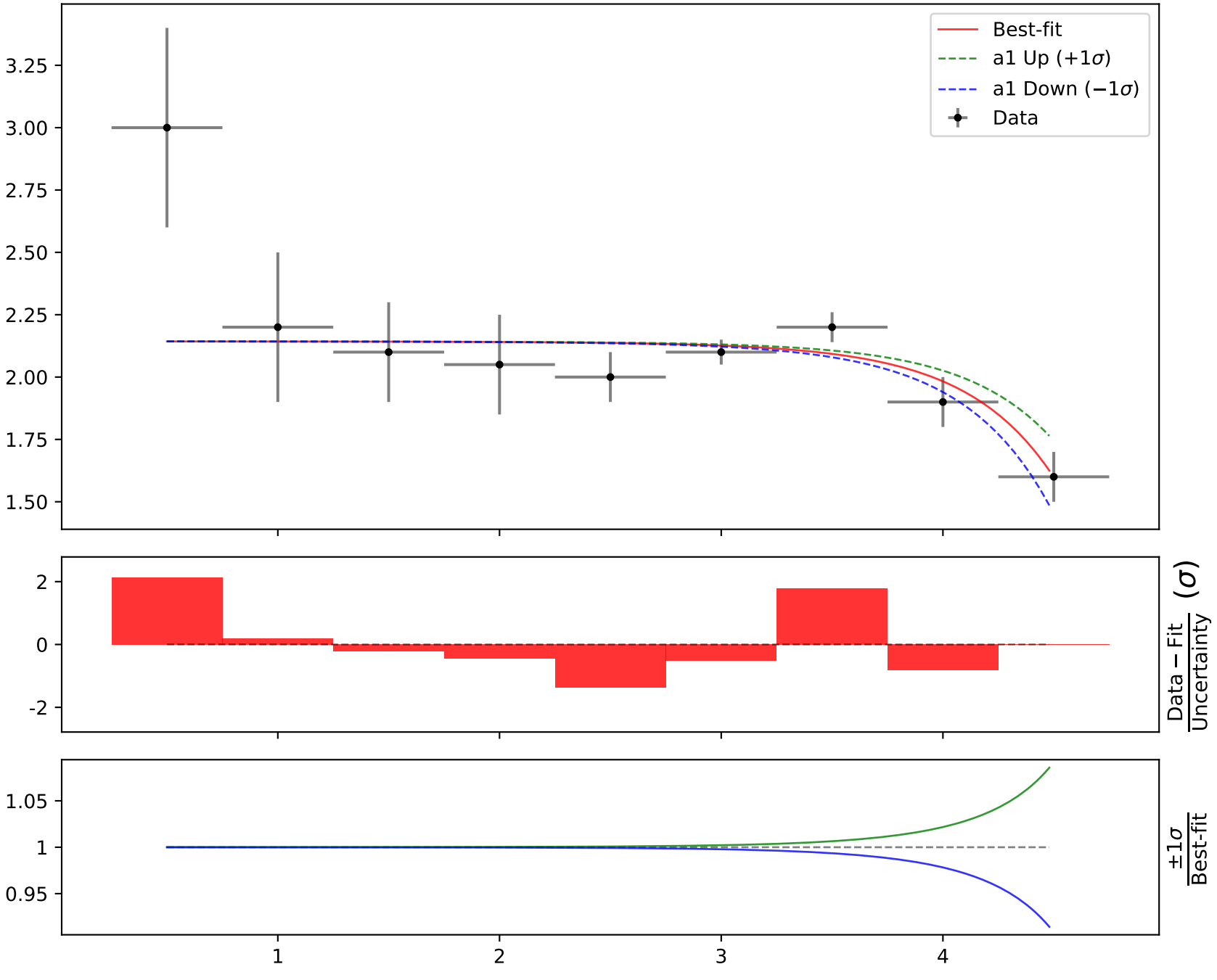
Candidate function #4

a1*x0**x0 + a2

a1 = $-0.000626808^{+0.0001684(26.9\%)}_{-0.0001684(26.9\%)}$, a2 = $2.14333^{+0.04783(2.23\%)}_{-0.04783(2.23\%)}$

Candidate #4

χ^2/NDF = 10.9/7, RMSE = 0.2955, R2 = 0.3019

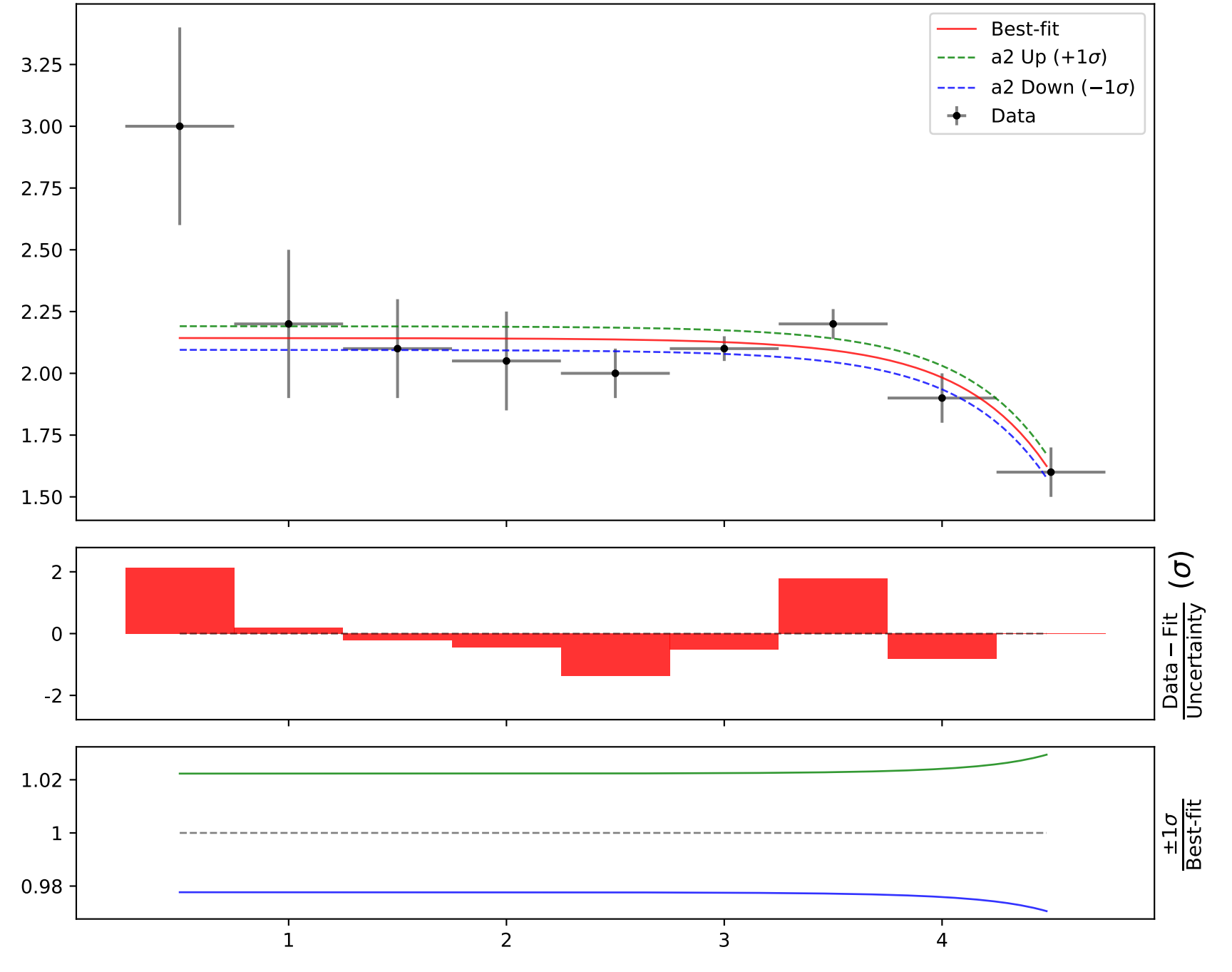


a1*x0**x0 + a2

$a1 = -0.000626808^{+0.0001684(26.9\%)}_{-0.0001684(26.9\%)}$, **$a2 = 2.14333^{+0.04783(2.23\%)}_{-0.04783(2.23\%)}$**

Candidate #4

χ^2/NDF = 10.9/7, RMSE = 0.2955, R2 = 0.3019



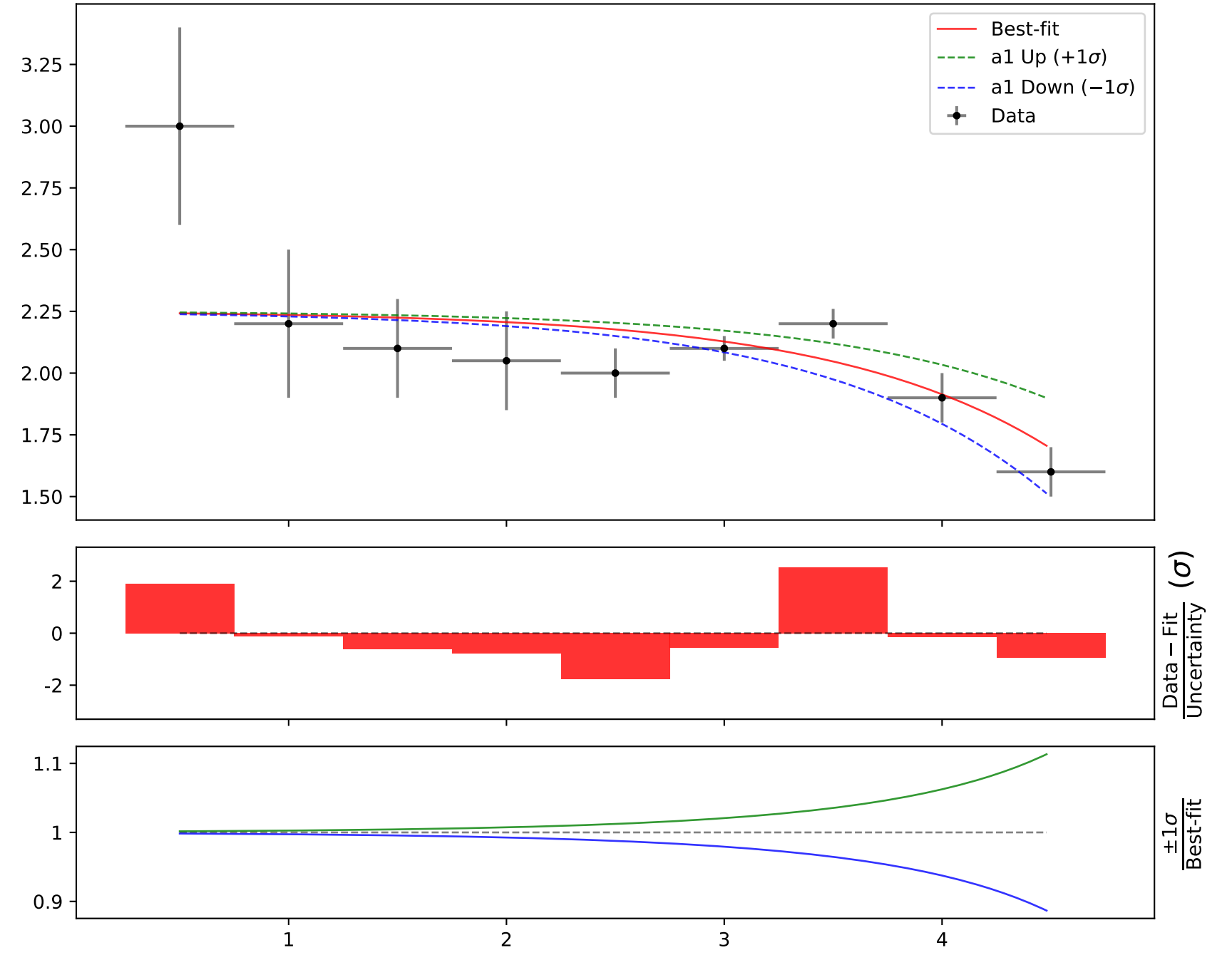
Candidate function #3

a1*exp(x0) + a2

a1 = $-0.00619595^{+0.00219(35.3\%)}_{-0.00219(35.3\%)}$, a2 = $2.2524^{+0.08547(3.79\%)}_{-0.08547(3.79\%)}$

Candidate #3

χ^2/NDF = 15.45/7, RMSE = 0.2749, R2 = 0.3957

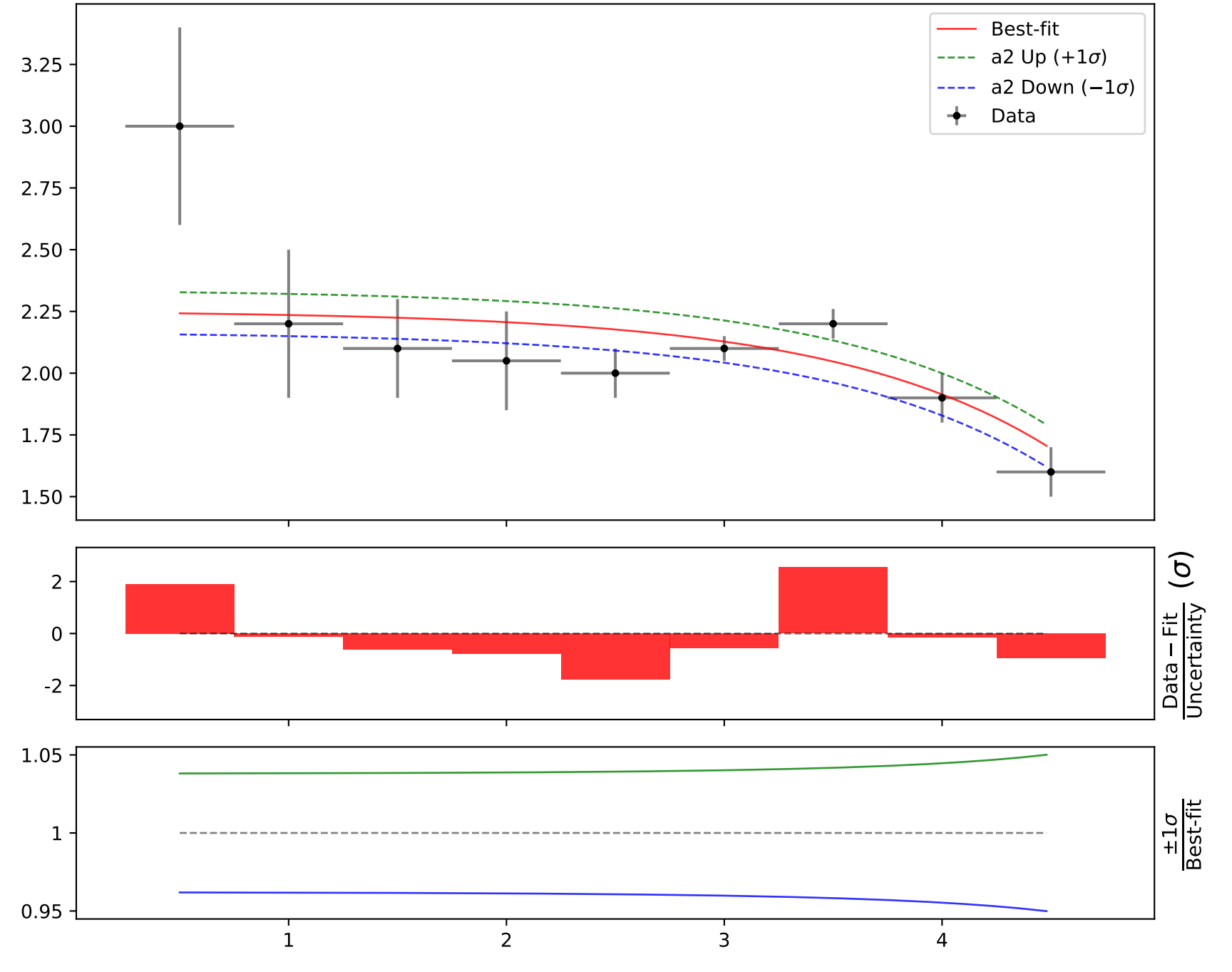


a1*exp(x0) + a2

$a1 = -0.00619595^{+0.00219(35.3\%)}_{-0.00219(35.3\%)}$, **$a2 = 2.2524^{+0.08547(3.79\%)}_{-0.08547(3.79\%)}$**

Candidate #3

χ^2/NDF = 15.45/7, RMSE = 0.2749, R2 = 0.3957



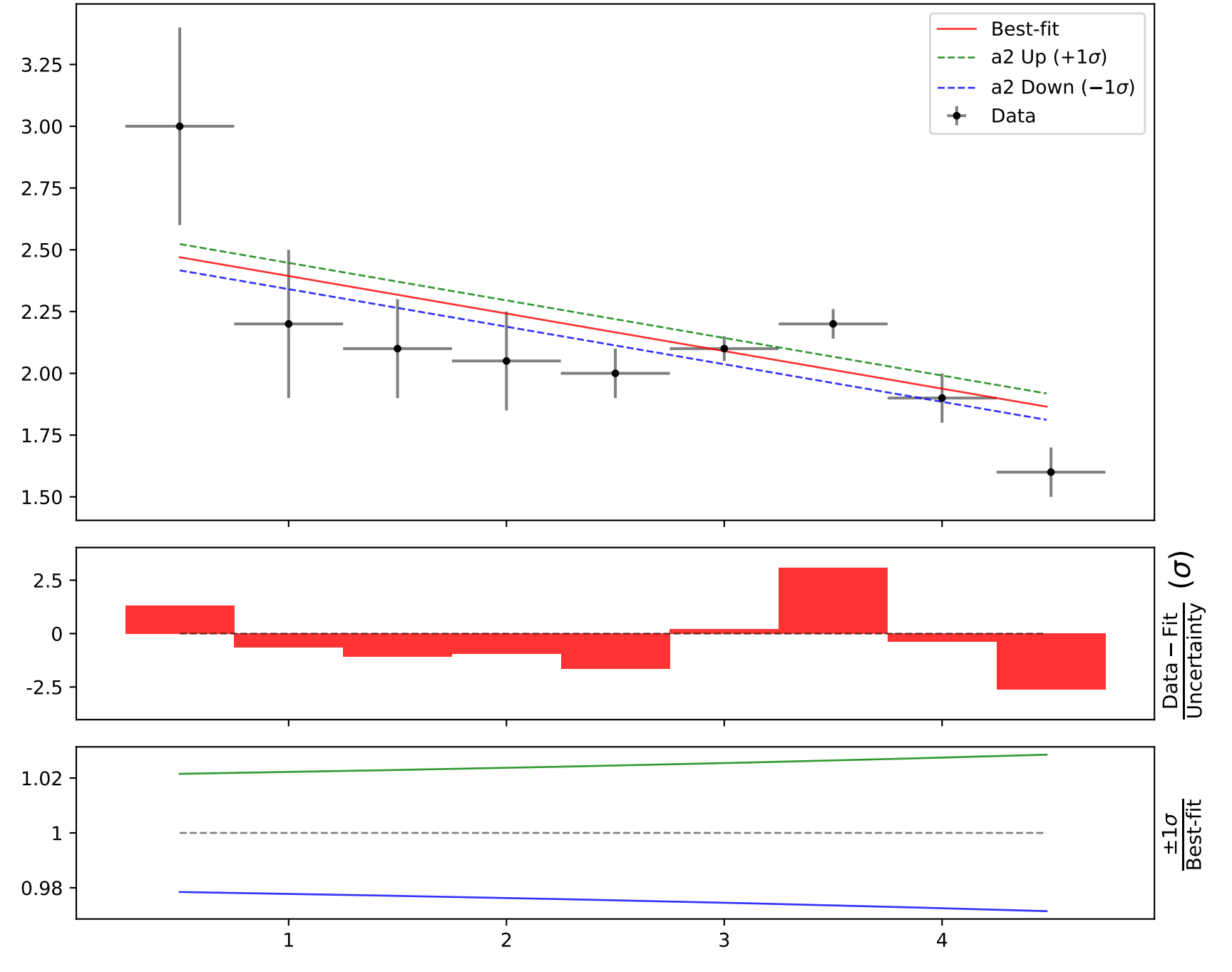
Candidate function #2

a1*x0 + a2

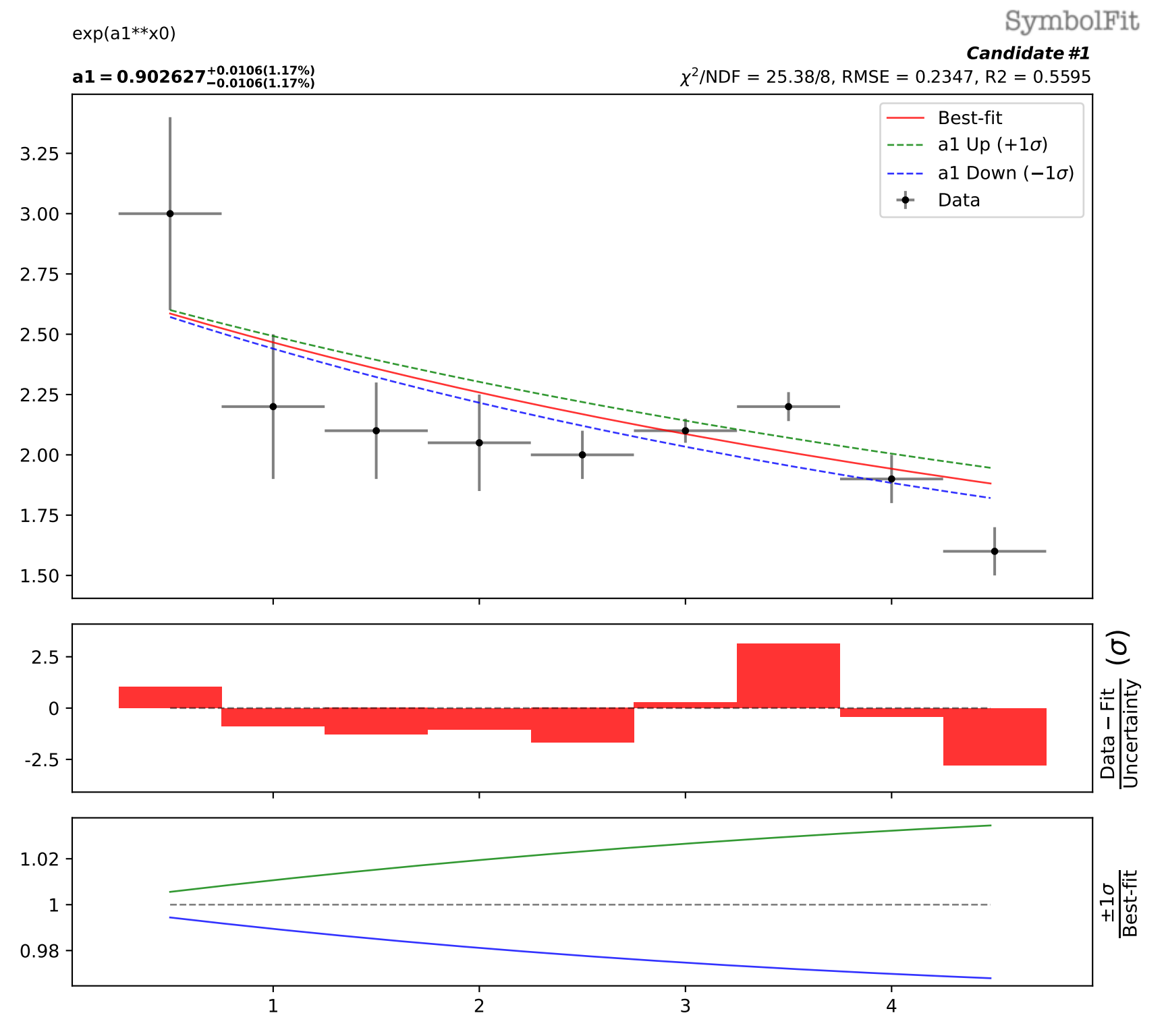
$a1 = -0.152$, $\mathbf{a2 = 2.54597^{+0.0532(2.09\%)}_{-0.0532(2.09\%)}}$

Candidate #2

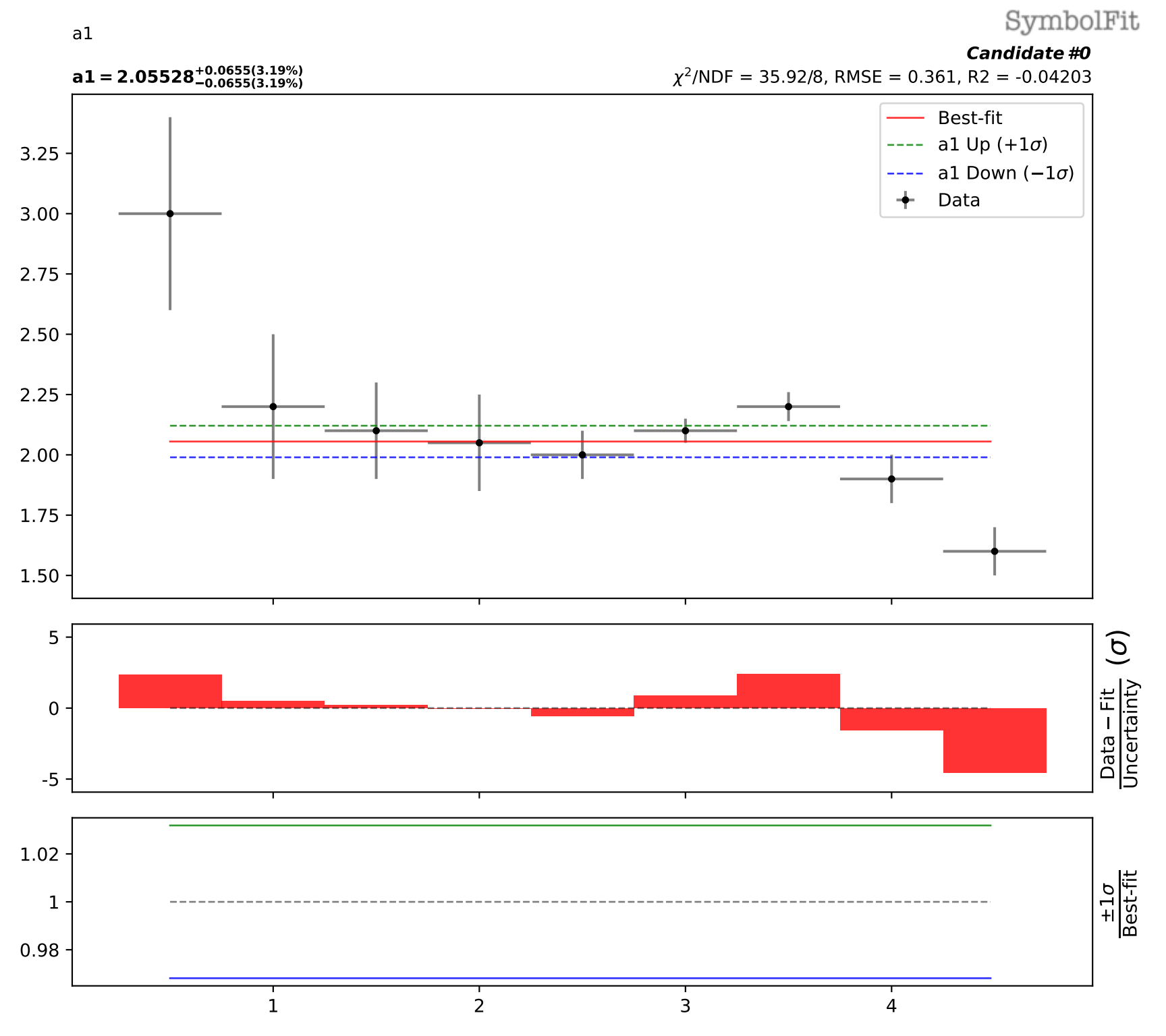
χ^2/NDF = 23.7/8, RMSE = 0.2439, R2 = 0.5245



Candidate function #1


SymbolFit
exp(a1**x0)
Candidate #1
a1 = 0.902627 +0.0106(1.17%) −0.0106(1.17%)
χ²/NDF = 25.38/8, RMSE = 0.2347, R2 = 0.5595
Best-fit
a1 Up (+1σ)
a1 Down (−1σ)
Data
3.25
3.00
2.75
2.50
2.25
2.00
1.75
1.50
2.5
0
-2.5
Data − Fit / Uncertainty (σ)
1.02
1
0.98
±1σ / Best-fit
1
2
3
4

Candidate function #0


a1
SymbolFit
Candidate #0
a1 = 2.05528 +0.0655(3.19%) −0.0655(3.19%)
χ²/NDF = 35.92/8, RMSE = 0.361, R2 = -0.04203
Best-fit
a1 Up (+1σ)
a1 Down (−1σ)
Data
3.25
3.00
2.75
2.50
2.25
2.00
1.75
1.50
5
0
-5
Data − Fit / Uncertainty (σ)
1.02
1
0.98
±1σ / Best-fit
1
2
3
4