

Candidate function #36

$$164.796 * (a2 + (a4 * \text{gauss}(a1 + a8 * ((x0 - 12.5) * 0.00210526)) + a4 * \tanh(a6 * ((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a5 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(((x0 - 12.5) * 0.00210526) * (a3 + a7 * ((x0 - 12.5) * 0.00210526)))))$$

$$a1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

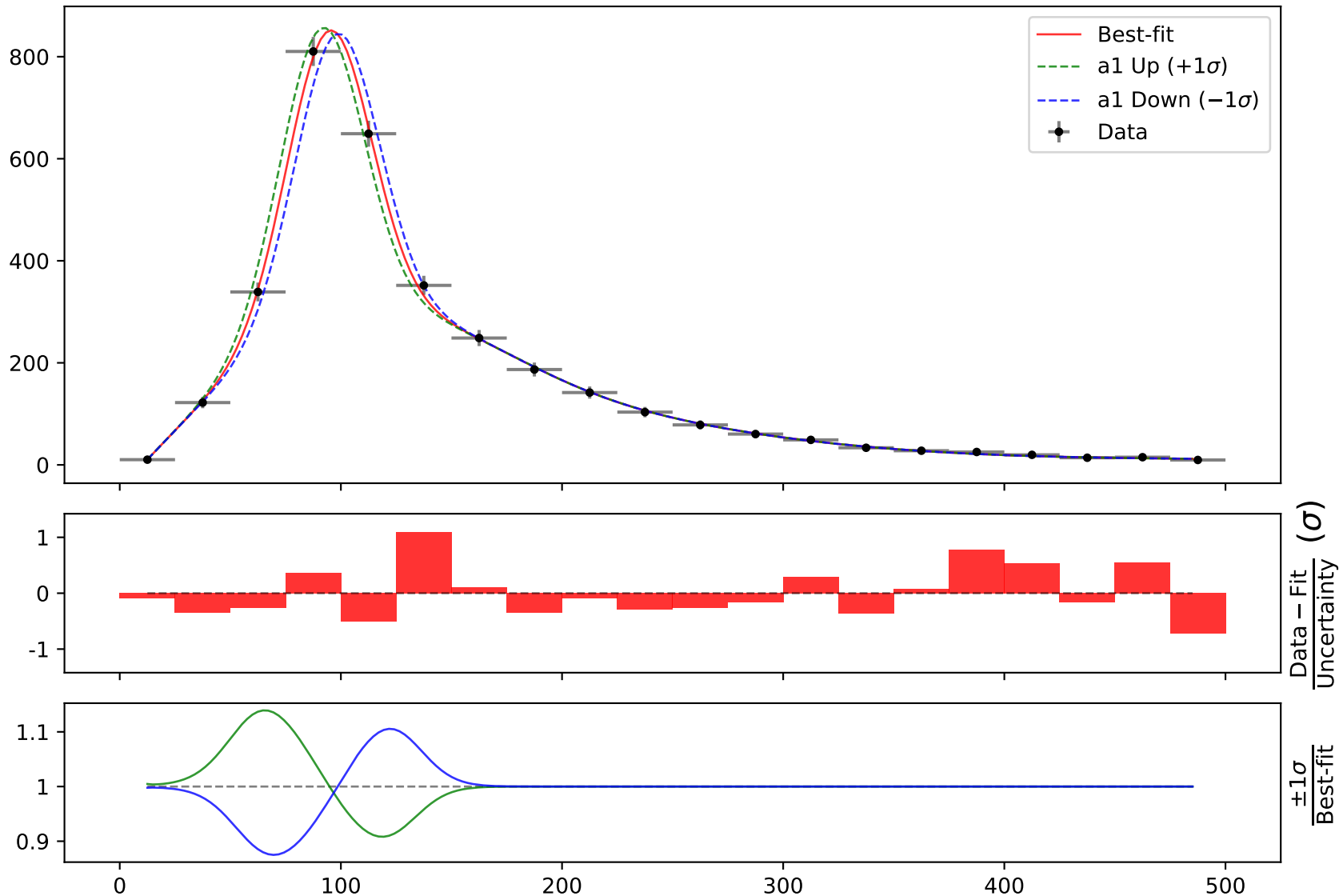
$$a3 = 1.65, \quad a4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R2} = 0.9991$$



$$164.796 * (a2 + (a4 * \text{gauss}(a1 + a8 * ((x0 - 12.5) * 0.00210526)) + a4 * \tanh(a6 * ((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a5 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(((x0 - 12.5) * 0.00210526) * (a3 + a7 * ((x0 - 12.5) * 0.00210526))))))$$

$$a1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

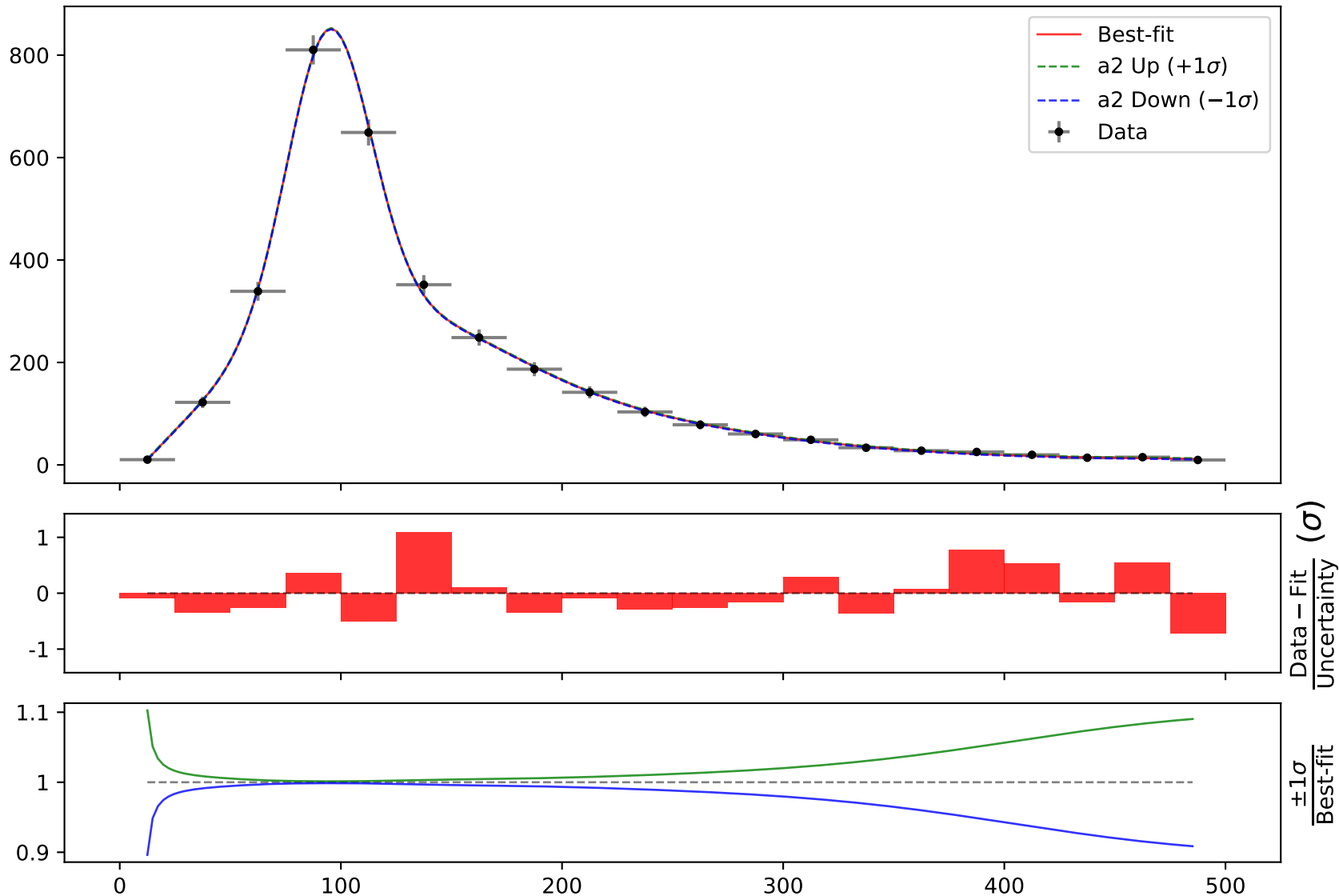
$$a3 = 1.65, \quad a4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R2} = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a_2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

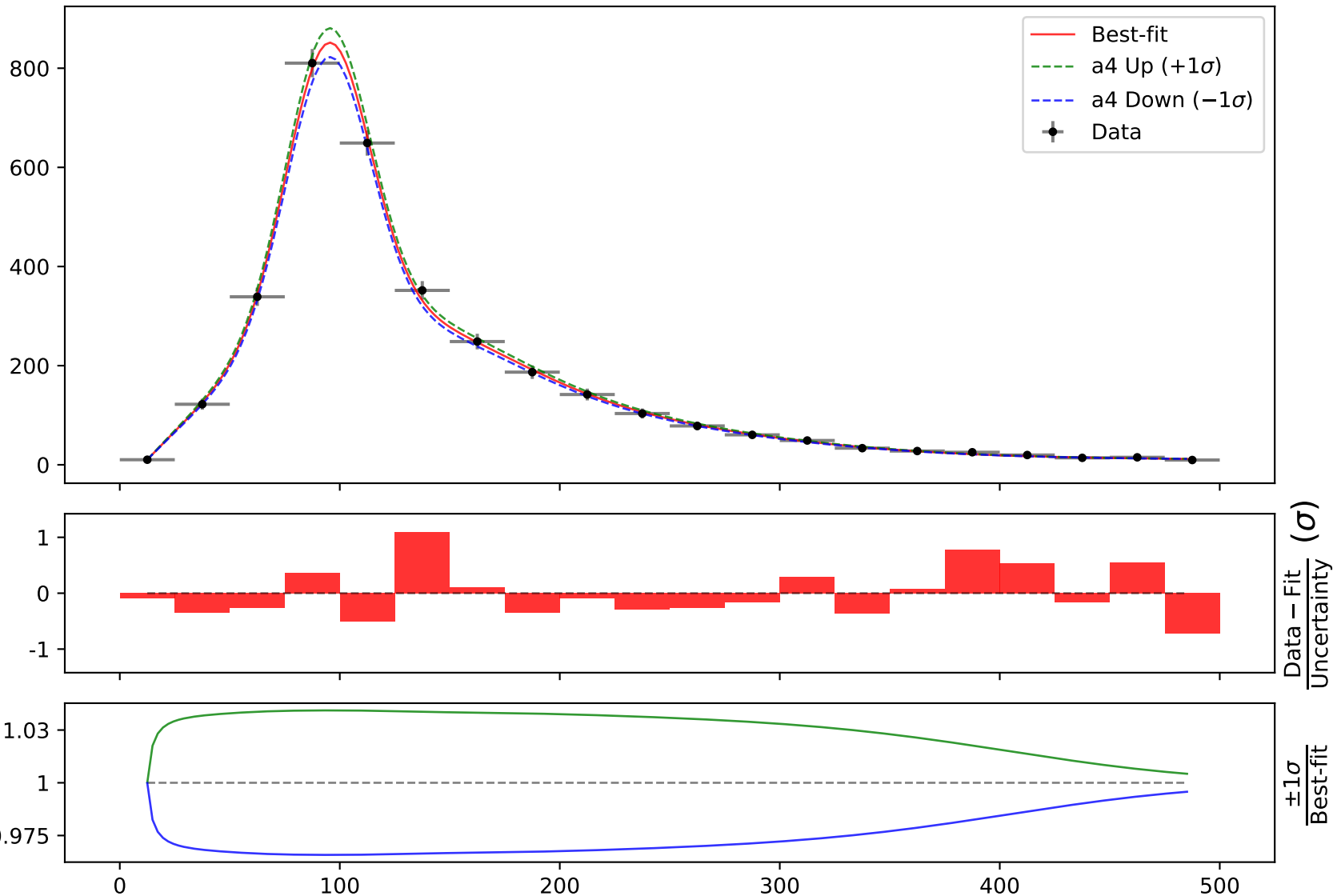
$$a_3 = 1.65, \quad a_4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a_5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a_6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a_7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a_8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a_2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

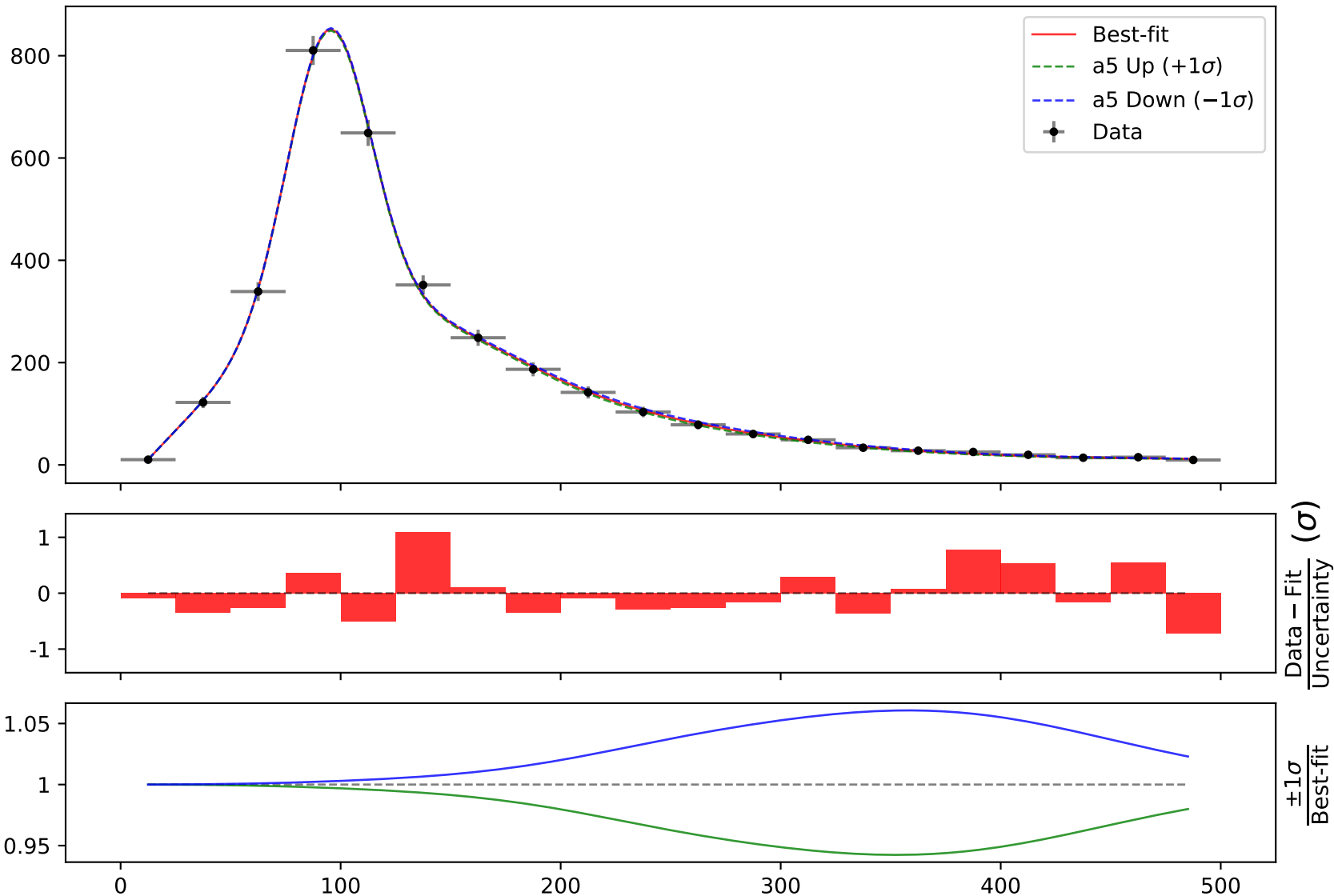
$$a_3 = 1.65, \quad a_4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$\mathbf{a_5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a_6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a_7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a_8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a_2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

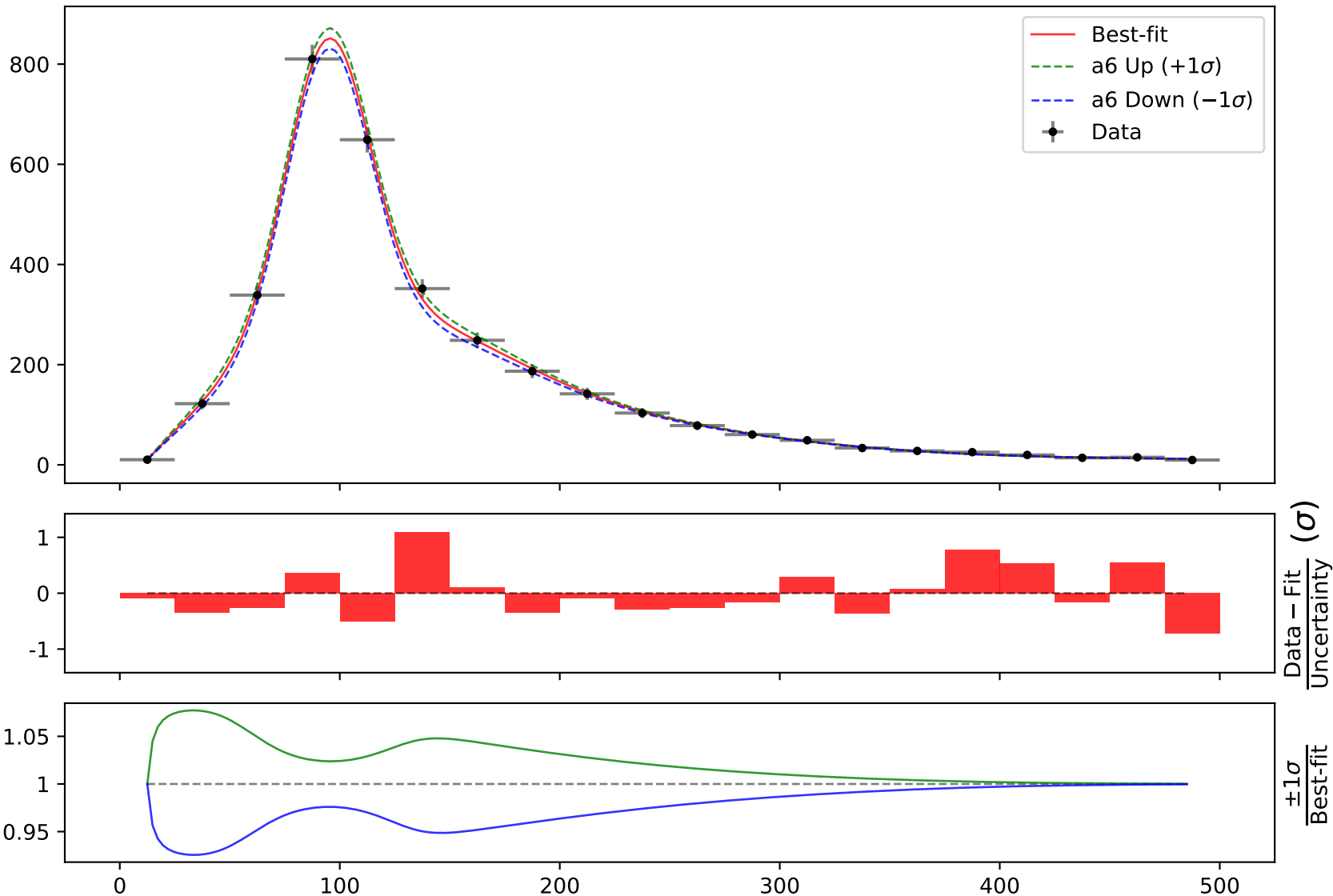
$$a_3 = 1.65, \quad a_4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a_5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad \mathbf{a_6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},}$$

$$a_7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a_8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a_2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

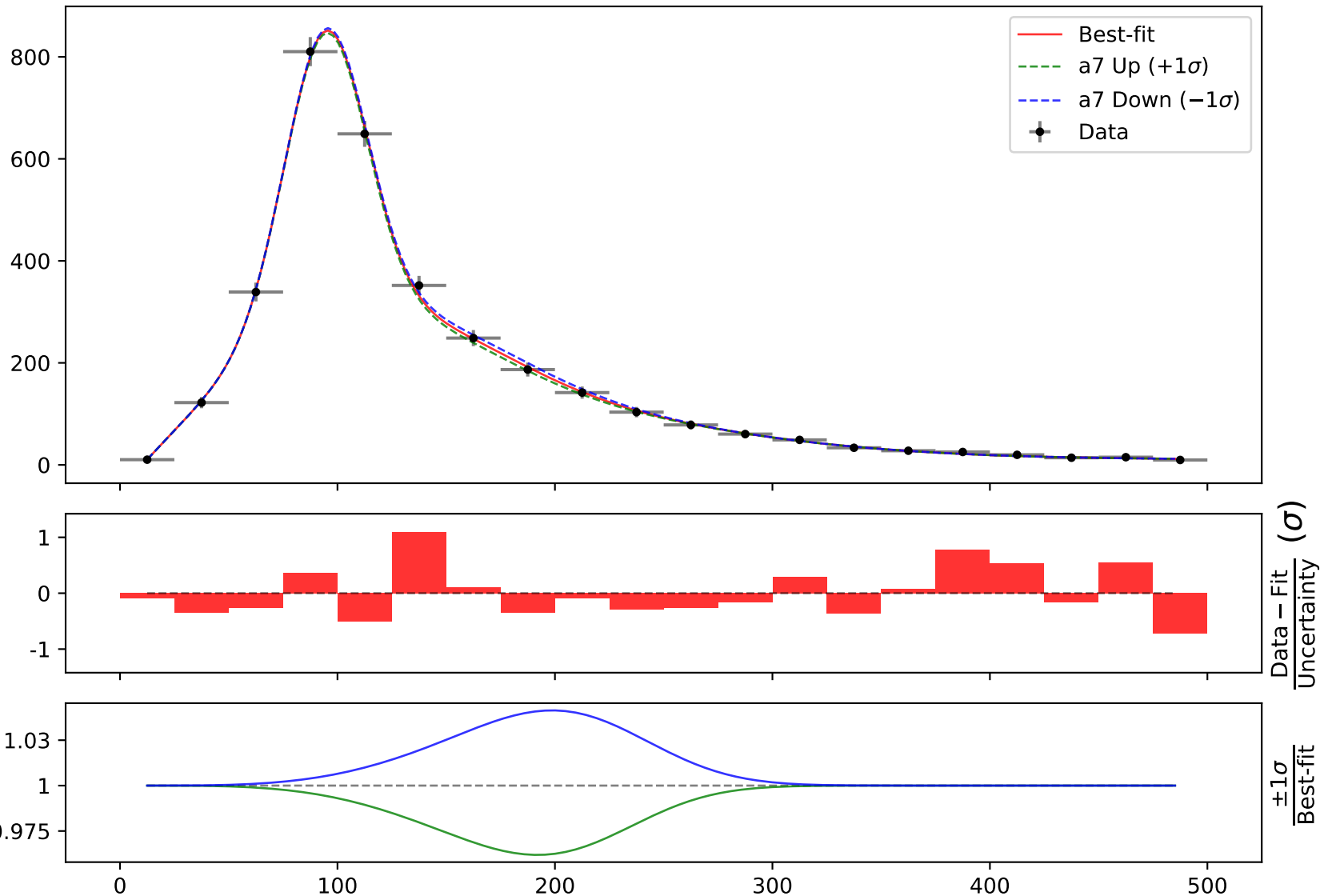
$$a_3 = 1.65, \quad a_4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a_5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a_6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a_7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad a_8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, R^2 = 0.9991$$



$$164.796 * (a2 + (a4 * \text{gauss}(a1 + a8 * ((x0 - 12.5) * 0.00210526)) + a4 * \tanh(a6 * ((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a5 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(((x0 - 12.5) * 0.00210526) * (a3 + a7 * ((x0 - 12.5) * 0.00210526)))))$$

$$a1 = -3.11798^{+0.1302(4.18\%)}_{-0.1375(4.41\%)}, \quad a2 = 0.0637694^{+0.006569(10.3\%)}_{-0.006643(10.4\%)},$$

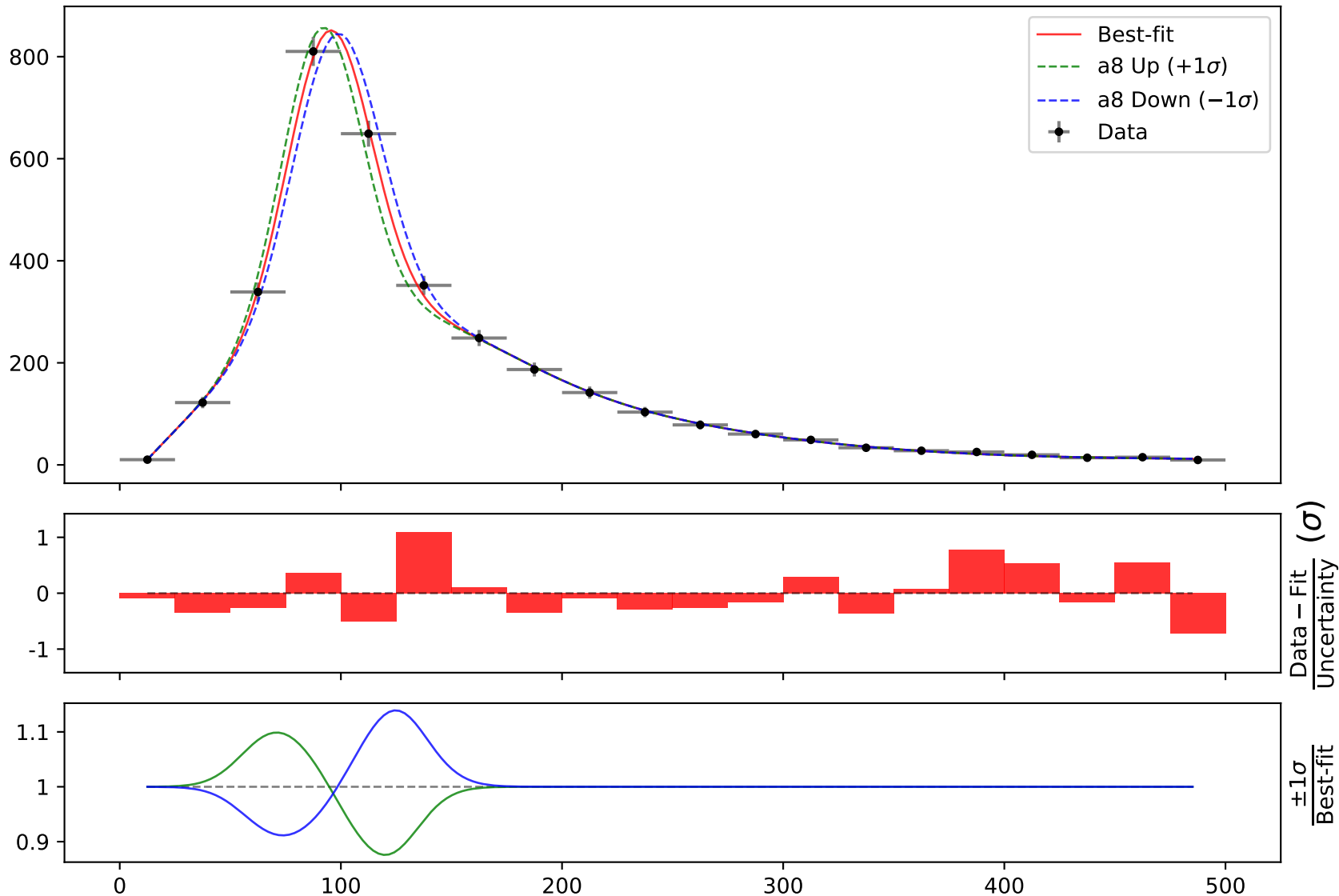
$$a3 = 1.65, \quad a4 = 2.04015^{+0.07087(3.47\%)}_{-0.07061(3.46\%)},$$

$$a5 = 2.34143^{+0.03814(1.63\%)}_{-0.03727(1.59\%)}, \quad a6 = 3.17904^{+0.2849(8.96\%)}_{-0.2737(8.61\%)},$$

$$a7 = 5.1947^{+0.4368(8.41\%)}_{-0.4152(7.99\%)}, \quad \mathbf{a8 = 17.6103^{+0.7985(4.53\%)}_{-0.7658(4.35\%)}}$$

Candidate #36

$$\chi^2/\text{NDF} = 4.092/13, \text{RMSE} = 6.392, \text{R2} = 0.9991$$



Candidate function #35

$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

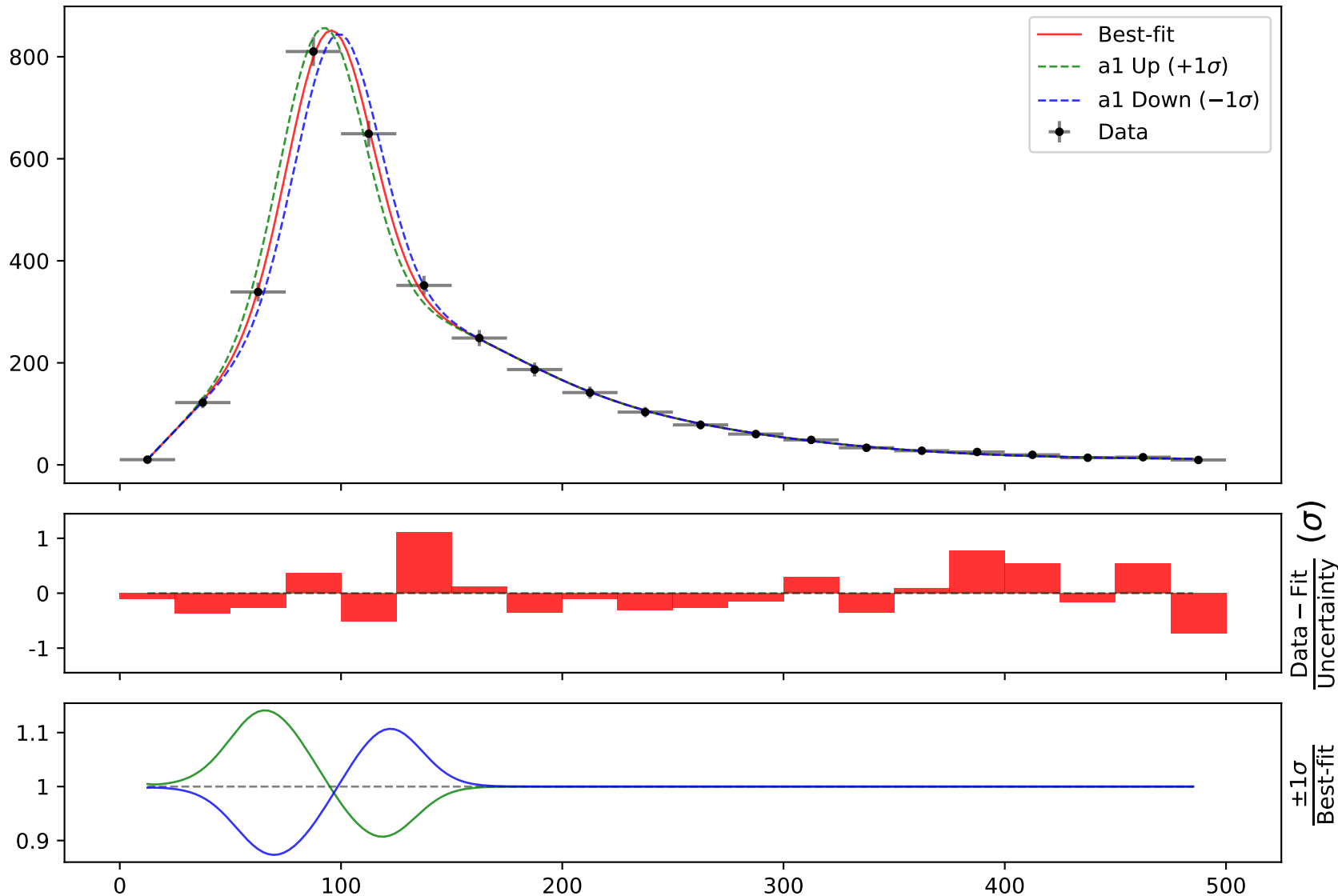
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526))))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

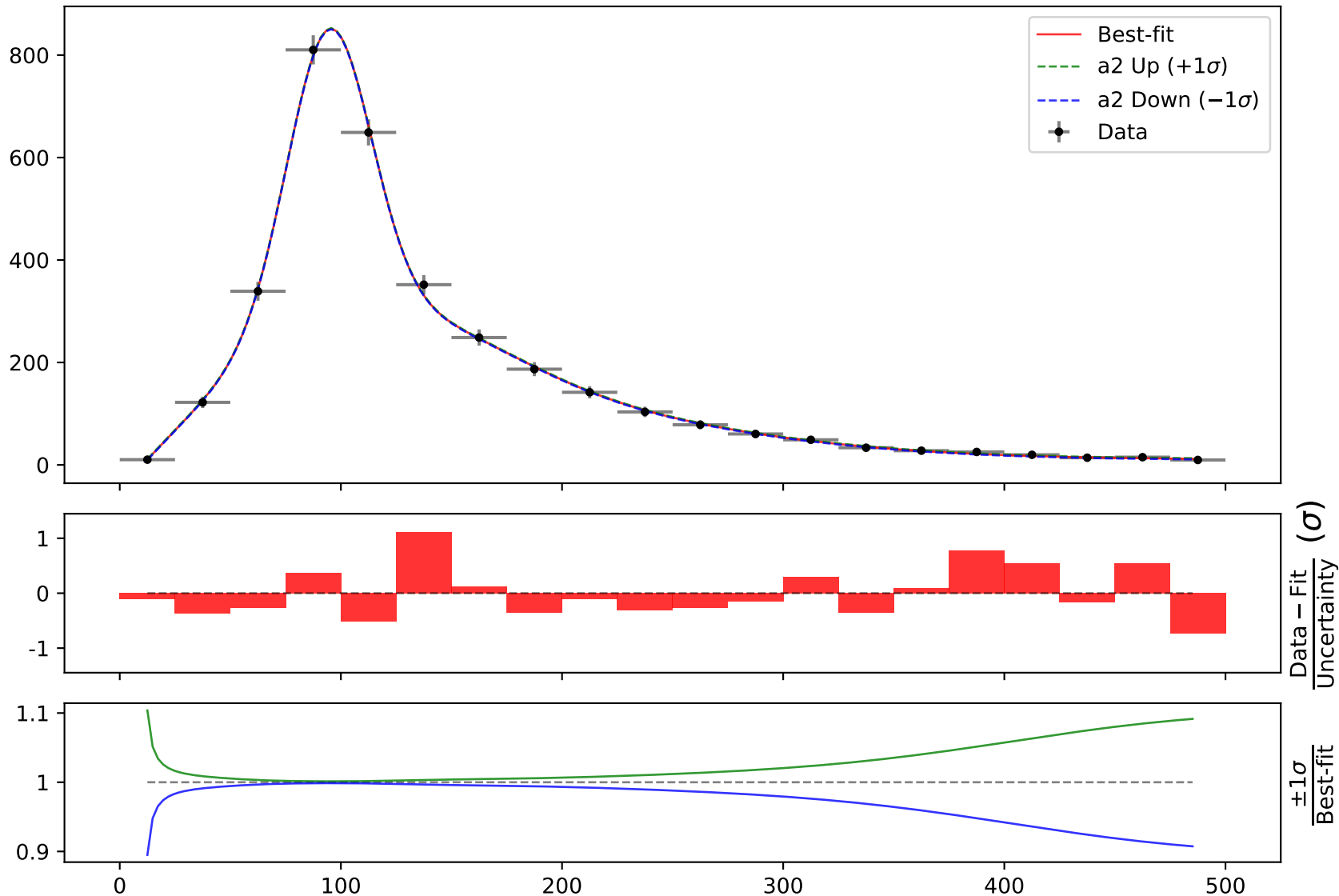
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

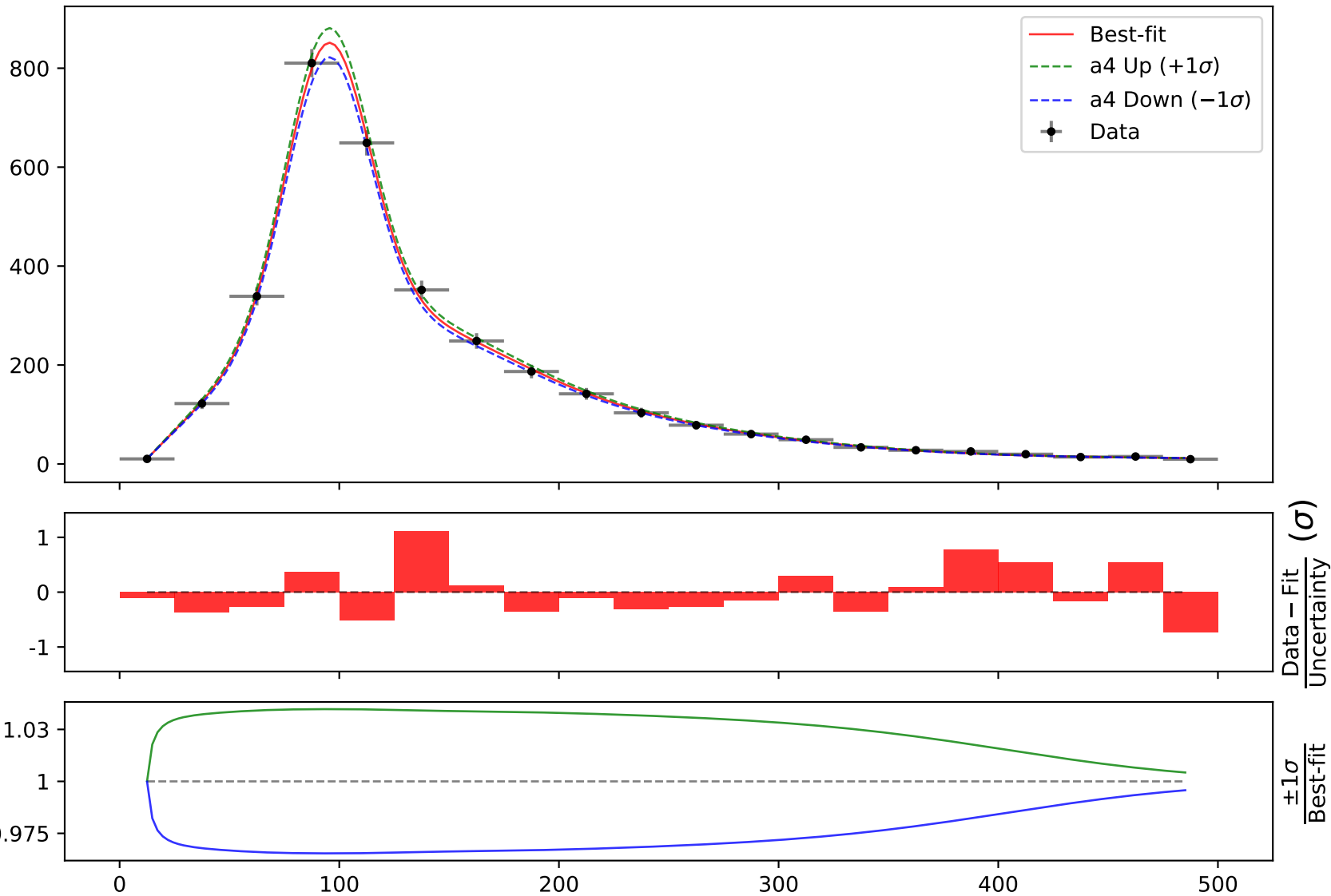
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, R^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

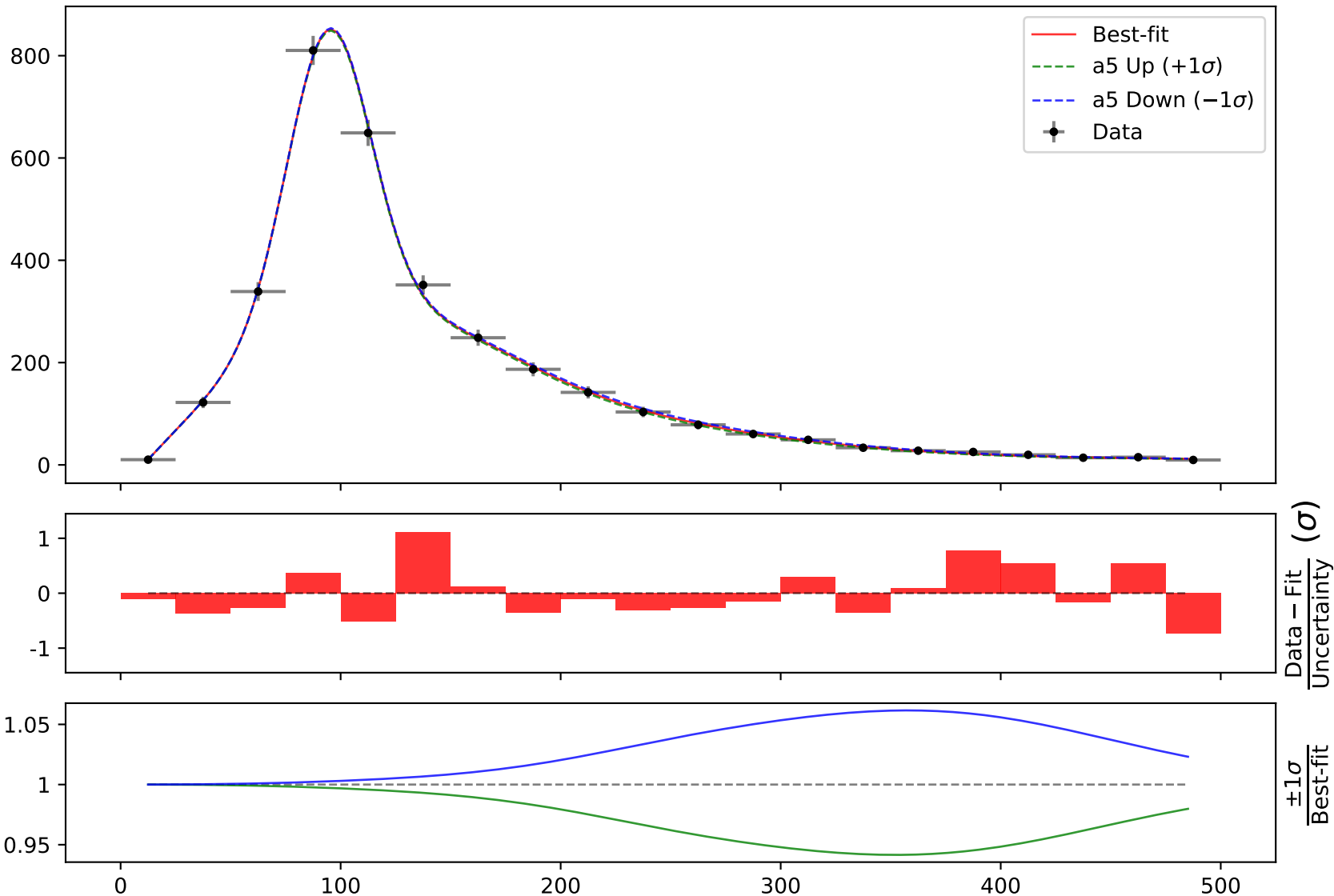
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$\mathbf{a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526))))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

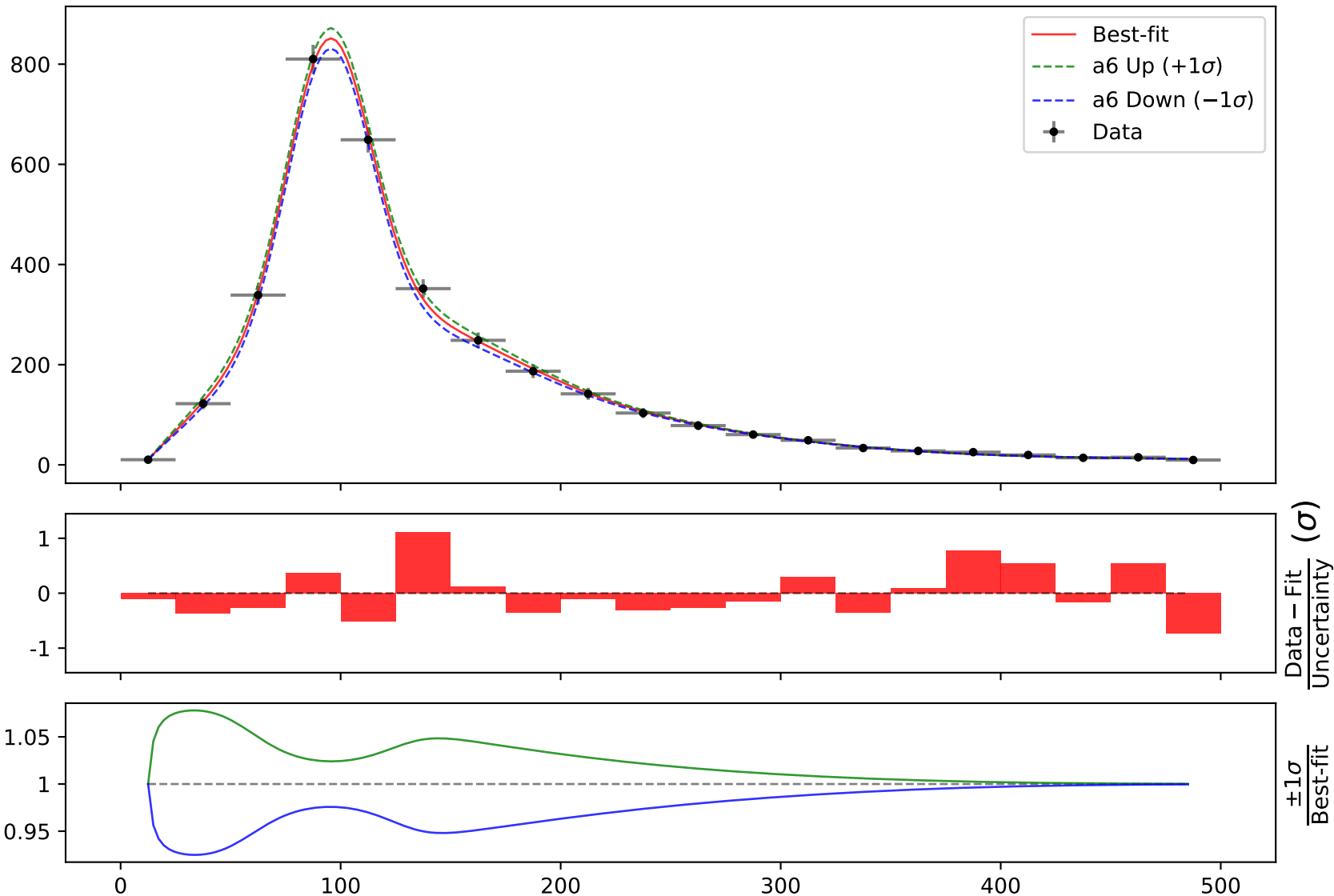
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad \mathbf{a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},}$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

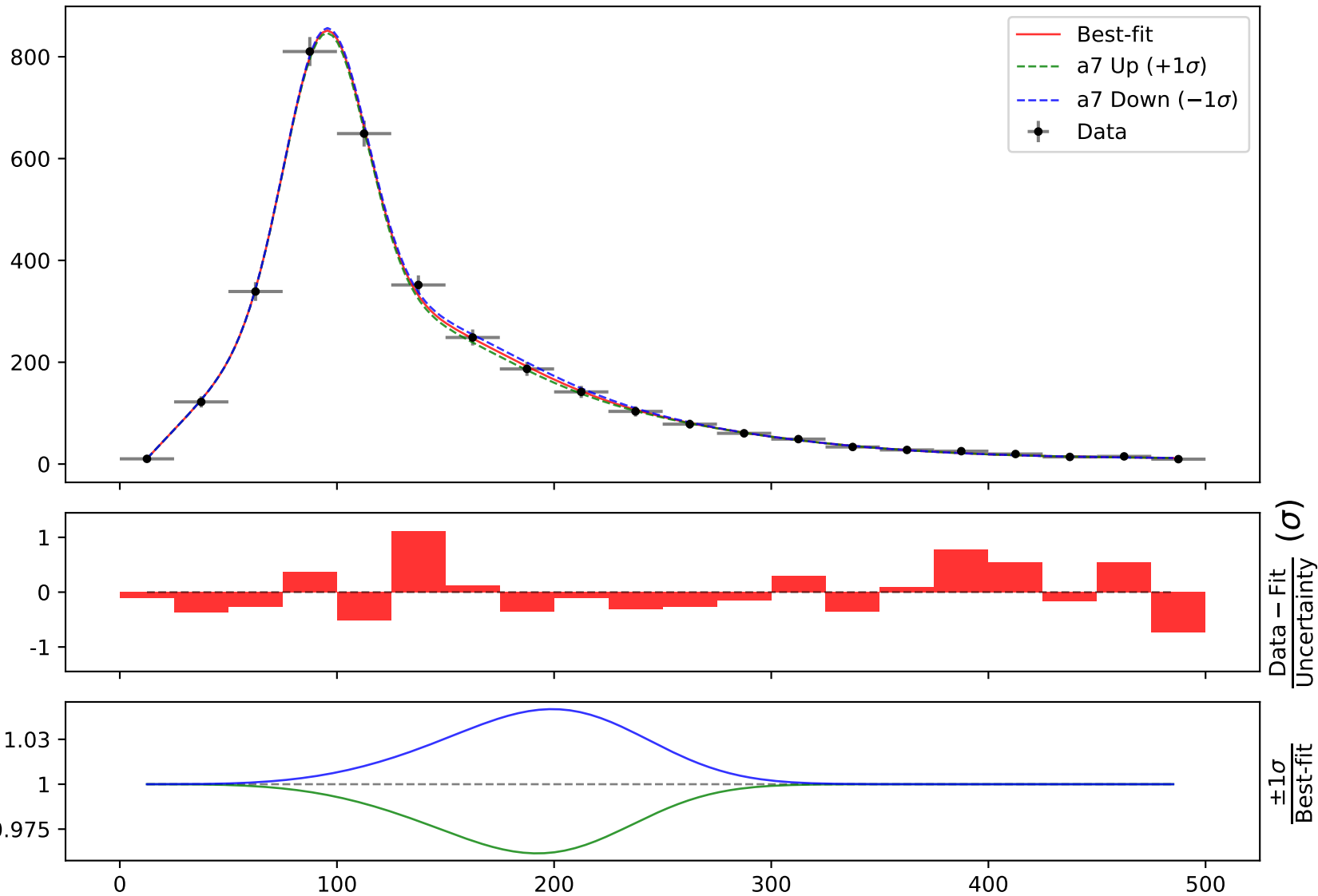
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

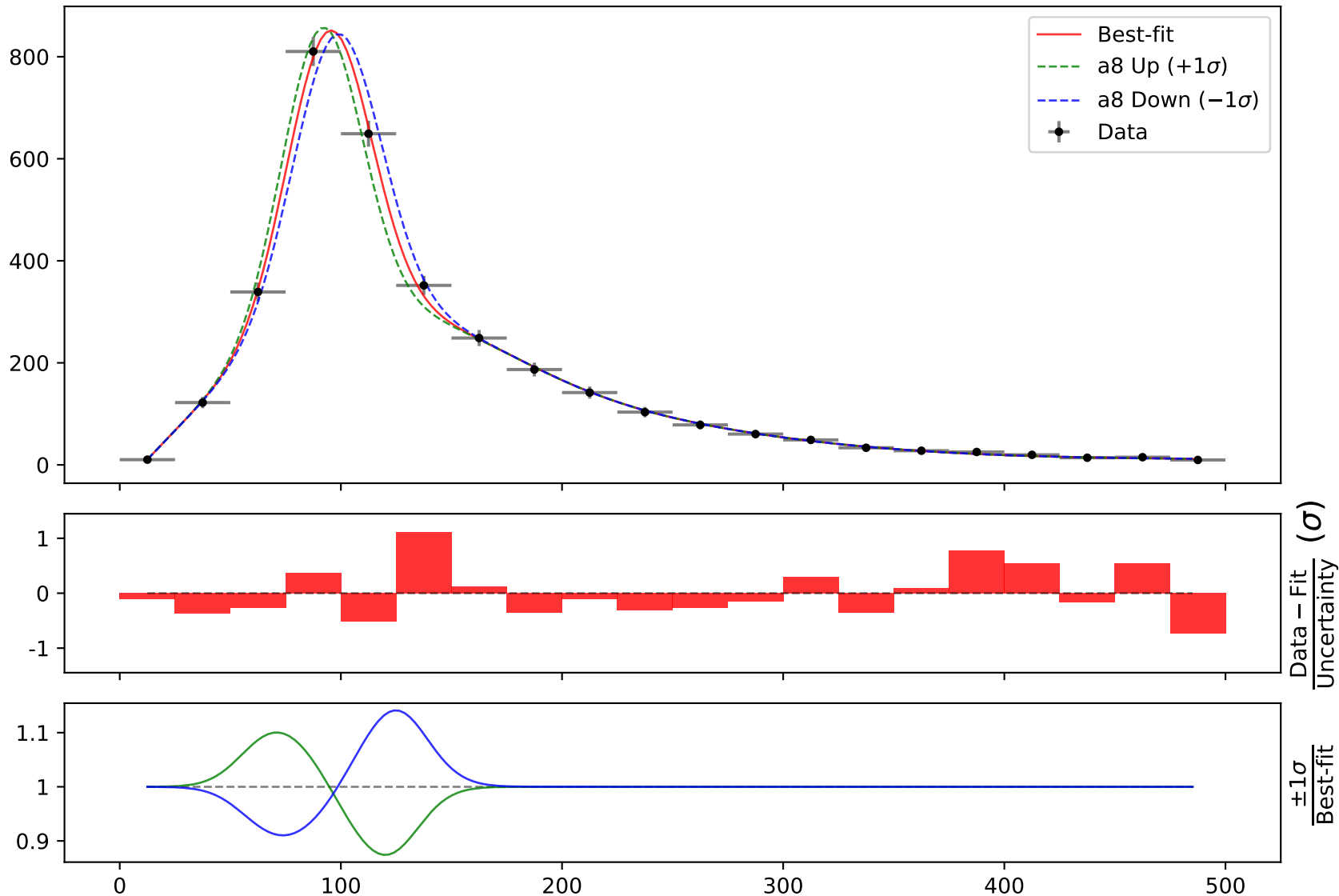
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02148^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad \mathbf{a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}}$$

Candidate #35

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



Candidate function #34

$$164.796 * (a_2 + (a_4 * \text{gauss}(a_1 + a_8 * ((x_0 - 12.5) * 0.00210526)) + a_4 * \tanh(a_6 * ((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_5 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(((x_0 - 12.5) * 0.00210526) * (a_3 + a_7 * ((x_0 - 12.5) * 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

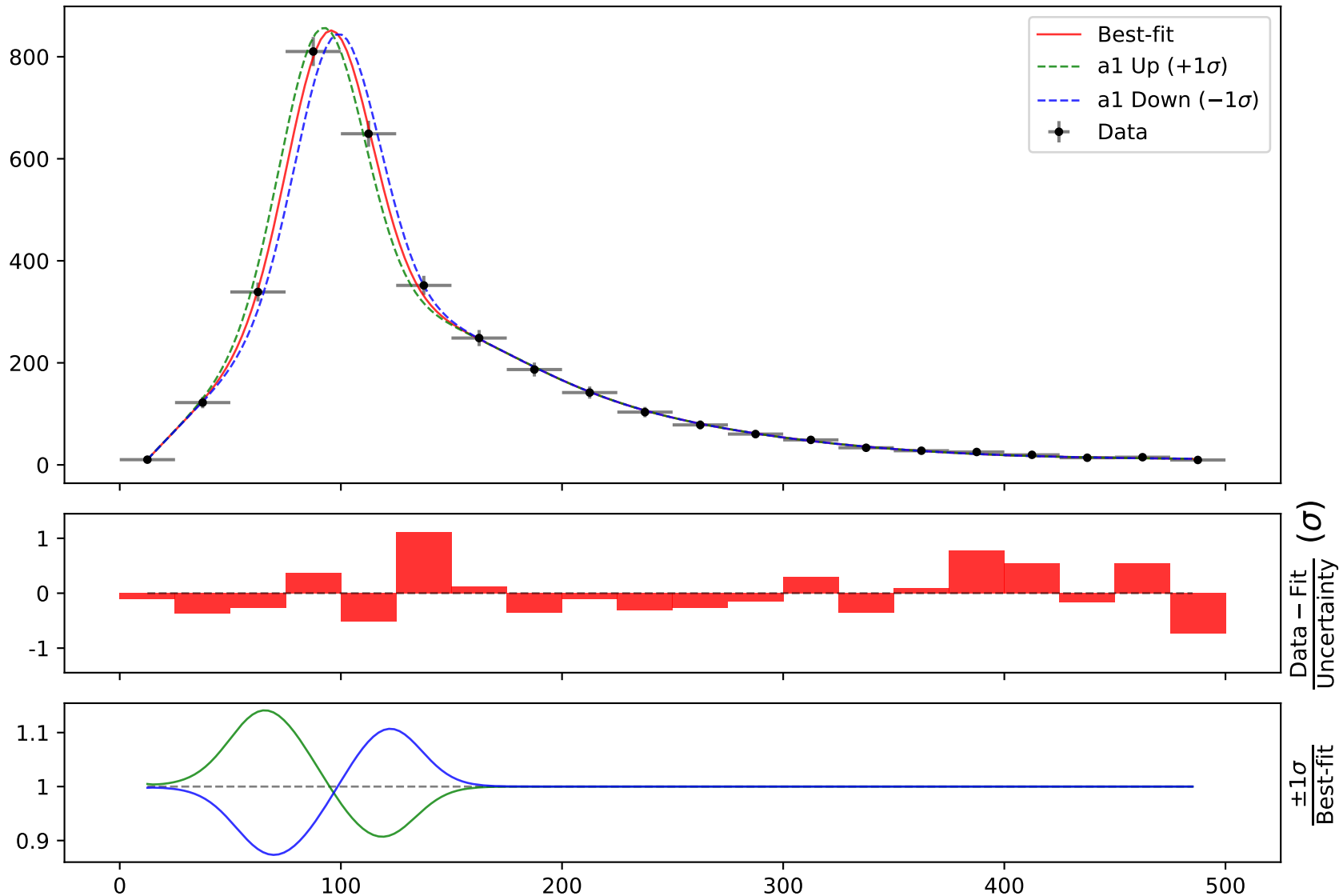
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 * (a_2 + (a_4 * \text{gauss}(a_1 + a_8 * ((x_0 - 12.5) * 0.00210526)) + a_4 * \tanh(a_6 * ((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_5 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(((x_0 - 12.5) * 0.00210526) * (a_3 + a_7 * ((x_0 - 12.5) * 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

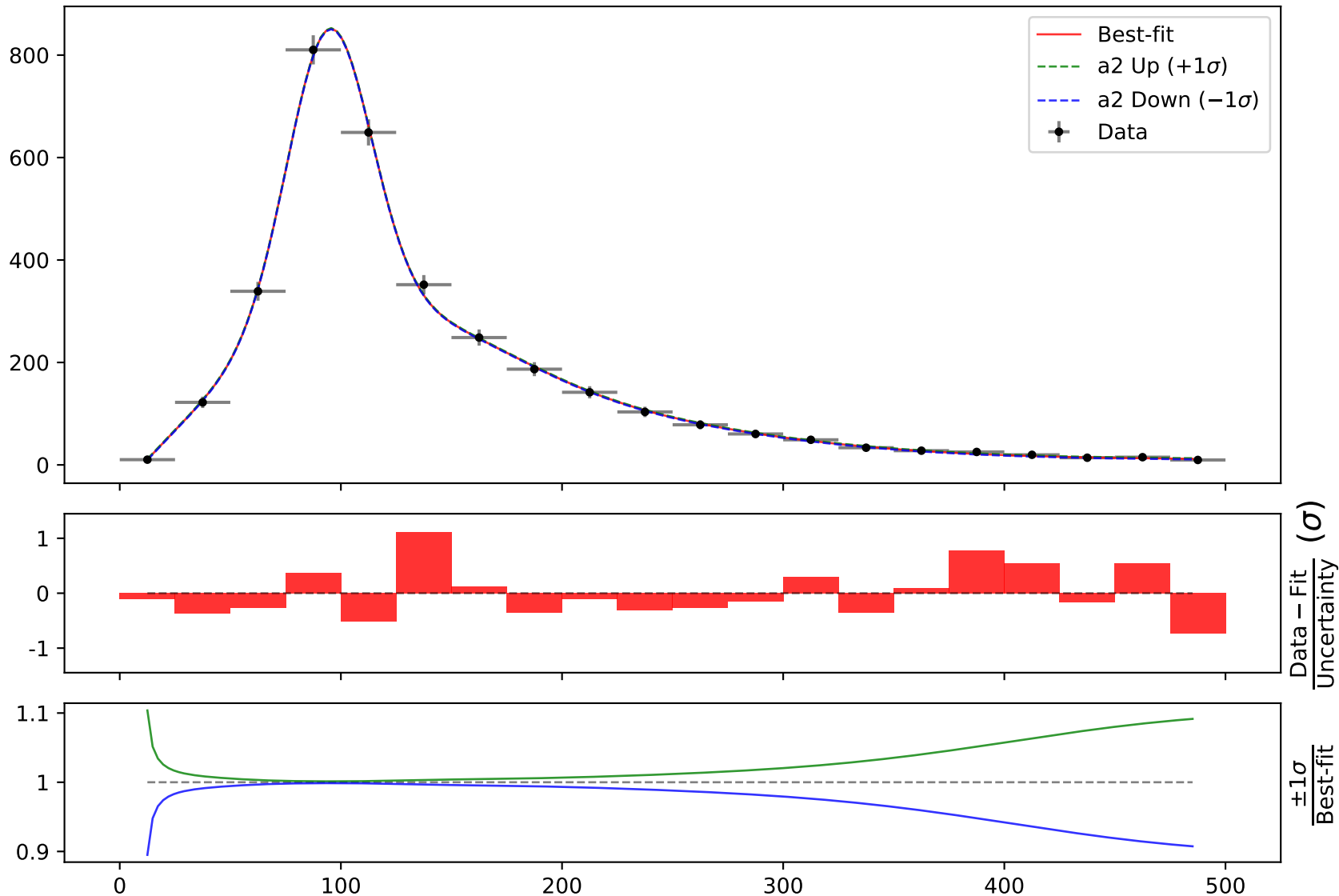
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526))))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

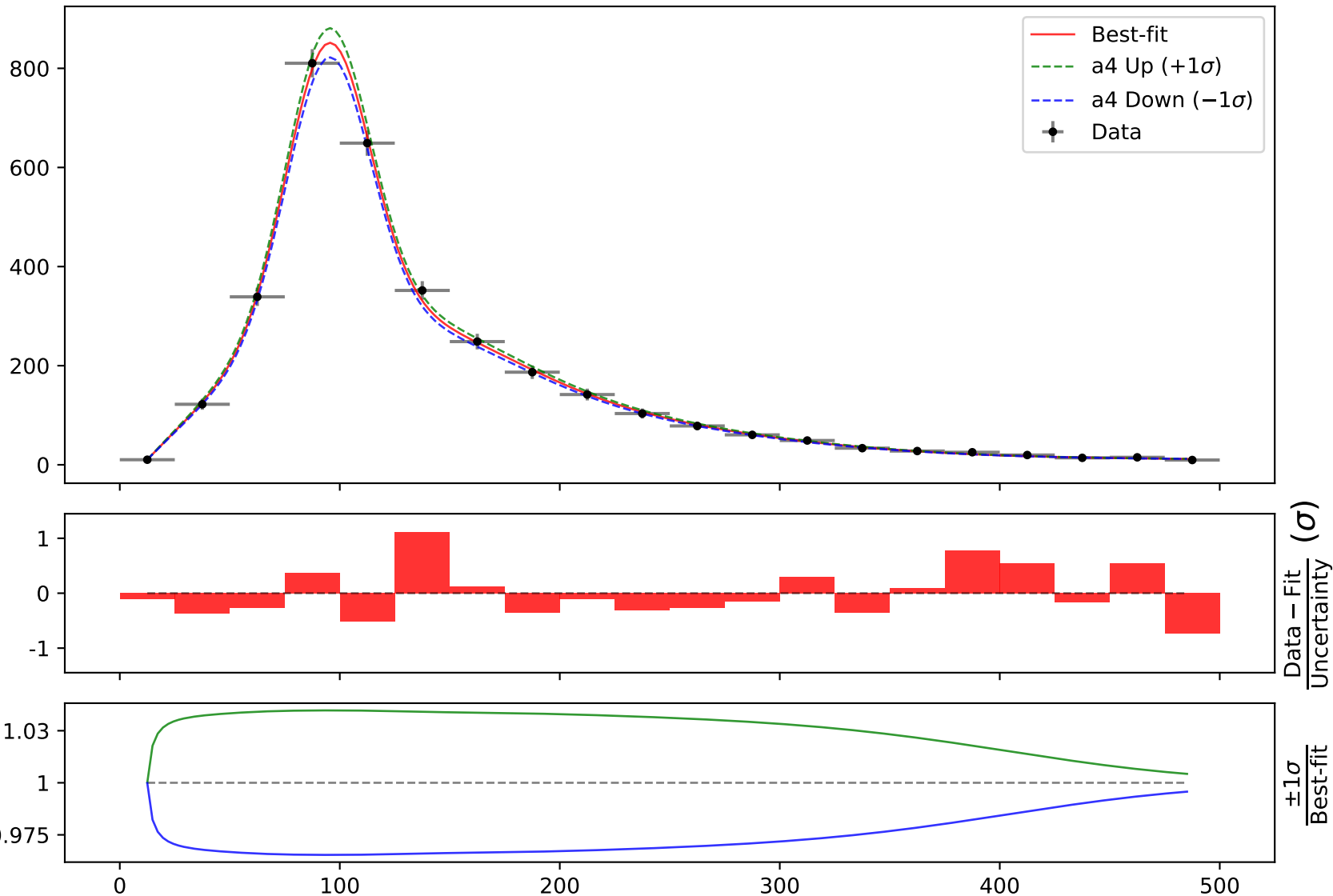
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

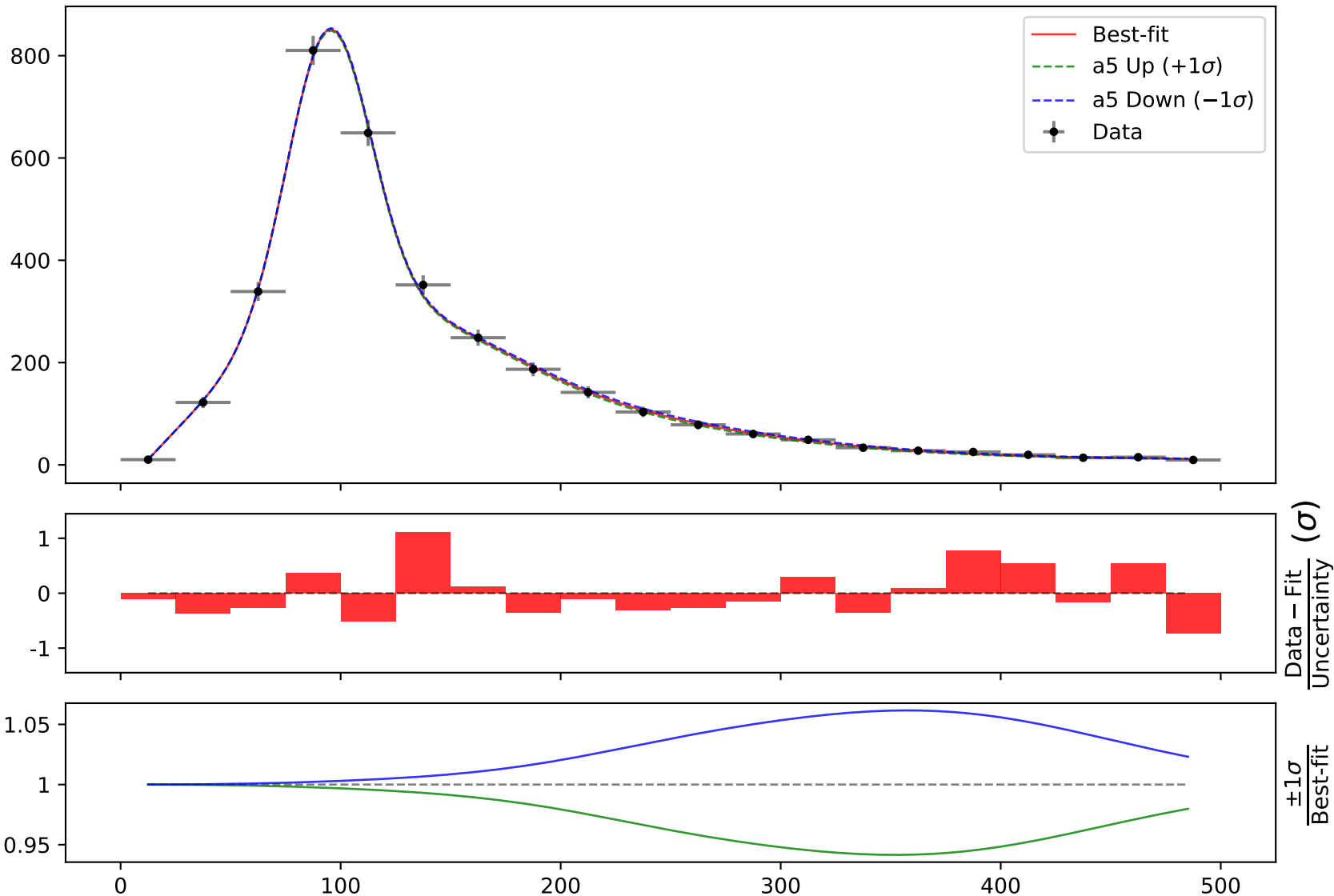
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$\mathbf{a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

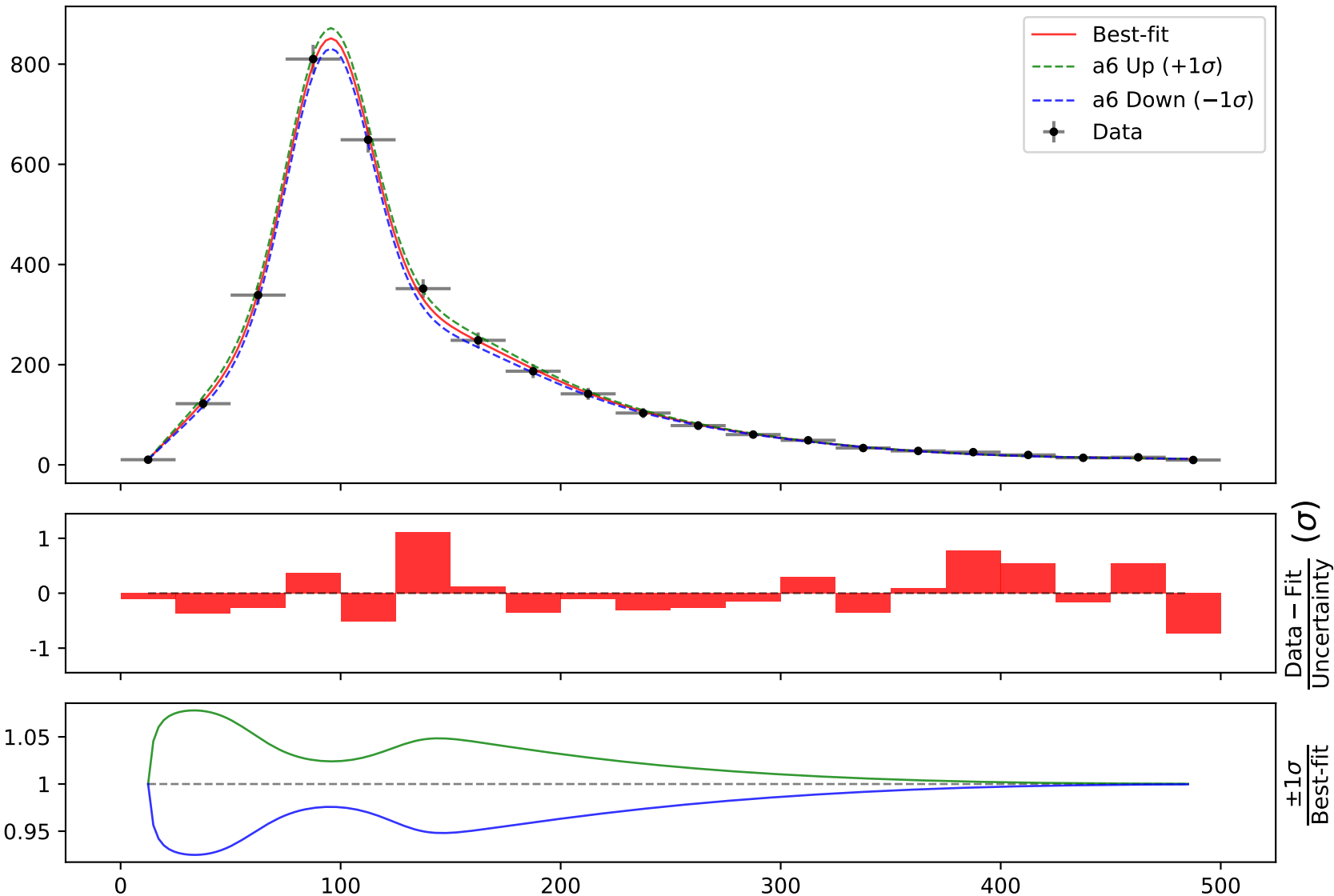
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad \mathbf{a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},}$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

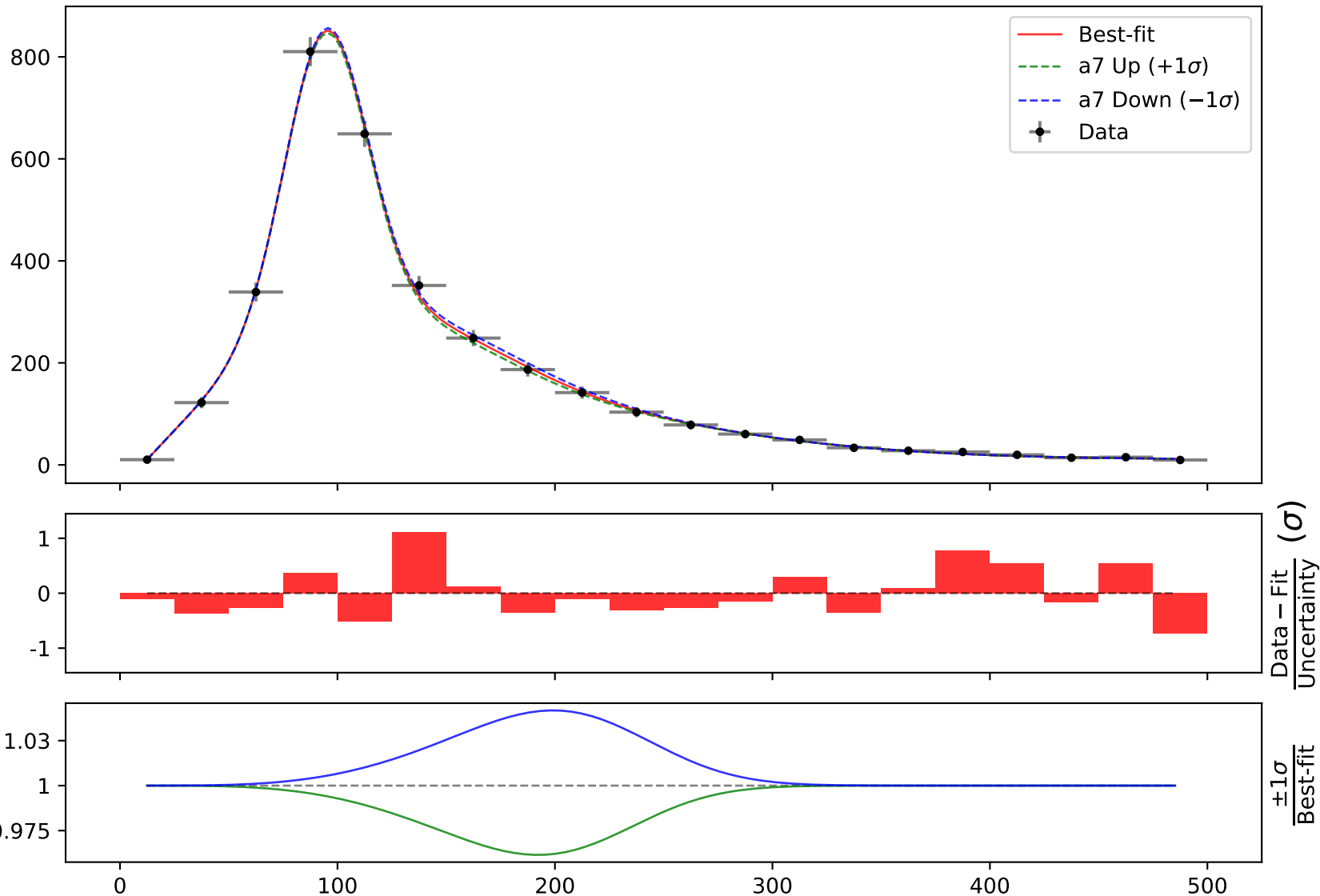
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.063904^{+0.006659(10.4\%)}_{-0.006735(10.5\%)},$$

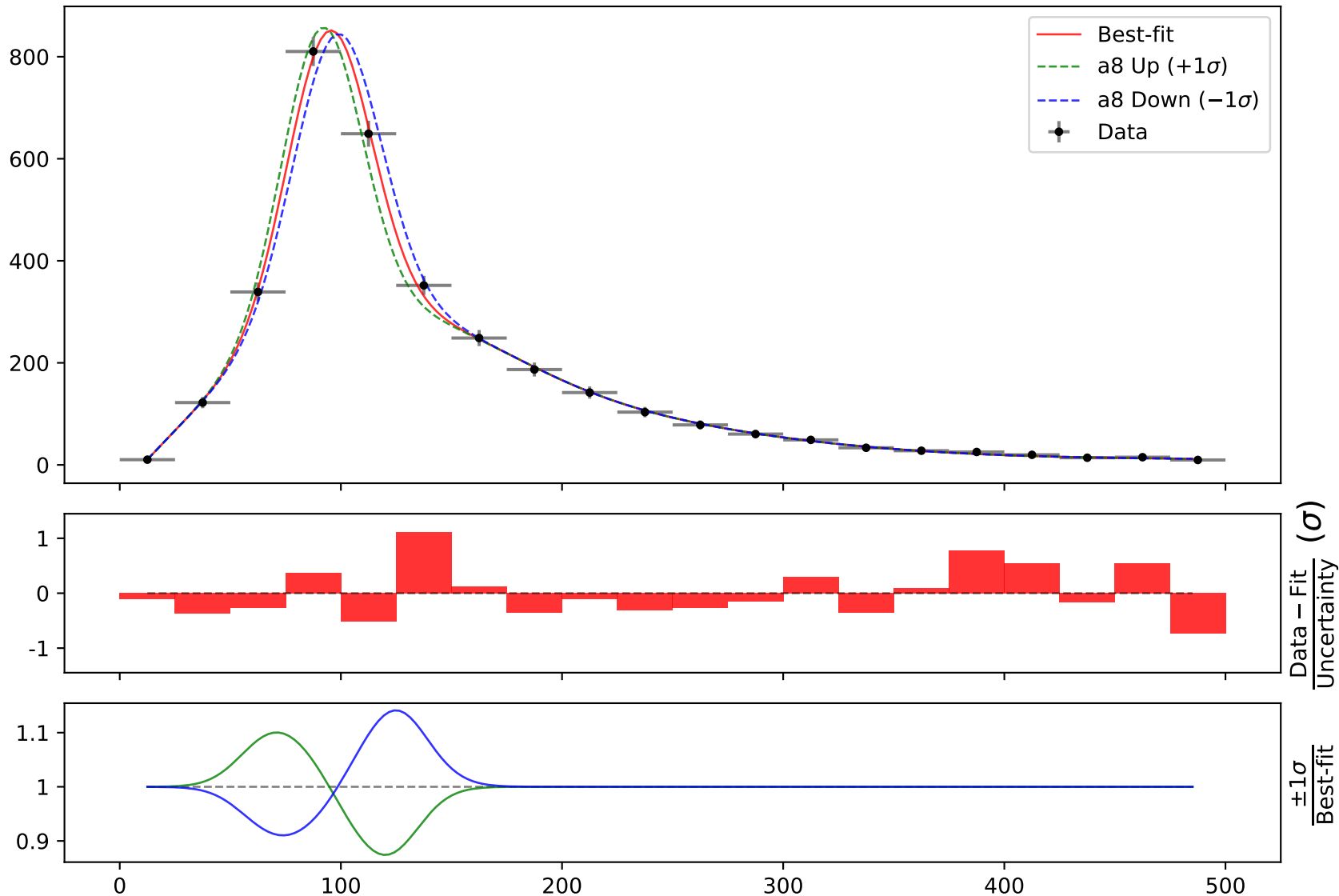
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.17139^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02147^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad \mathbf{a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}}$$

Candidate #34

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



Candidate function #33

$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

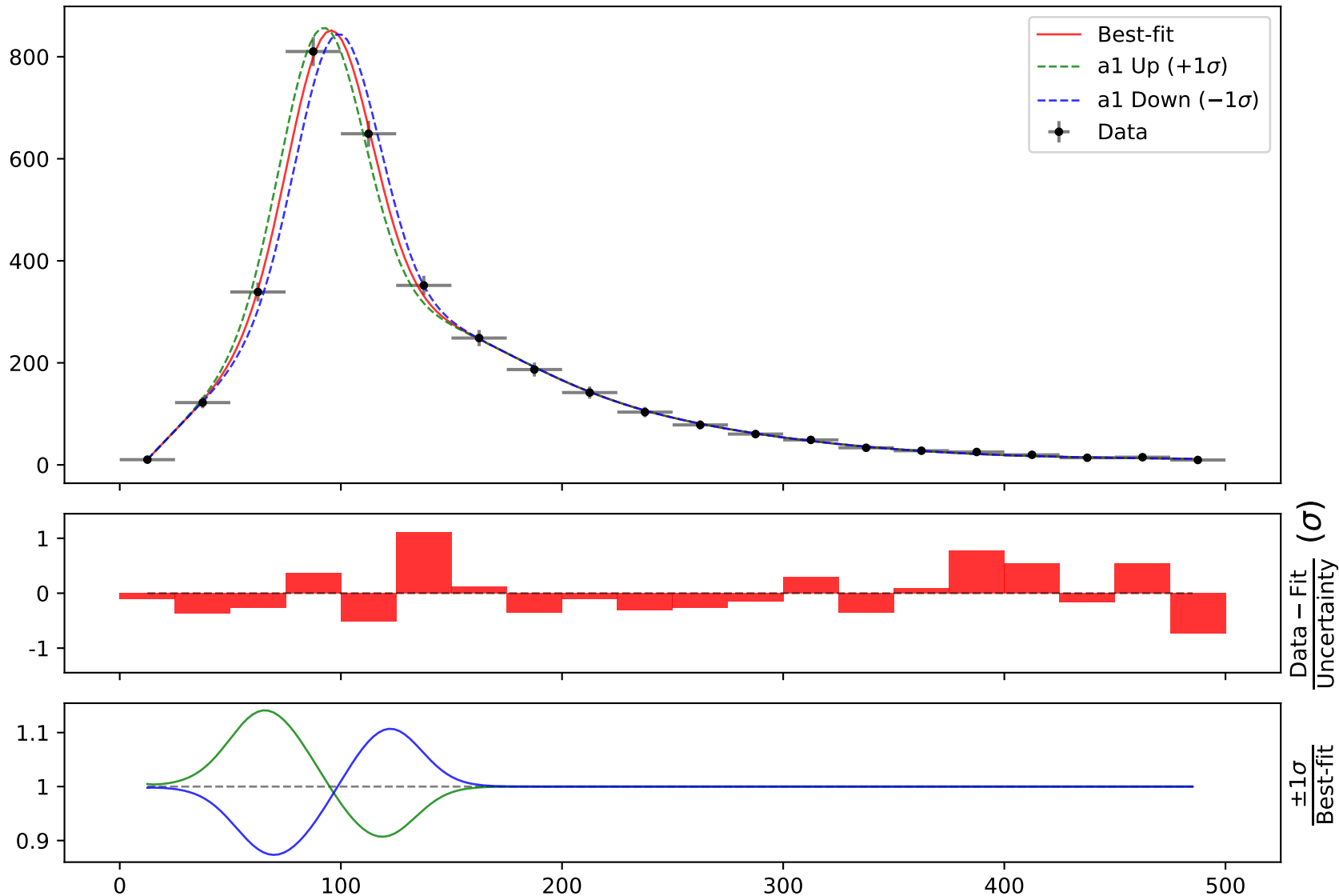
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

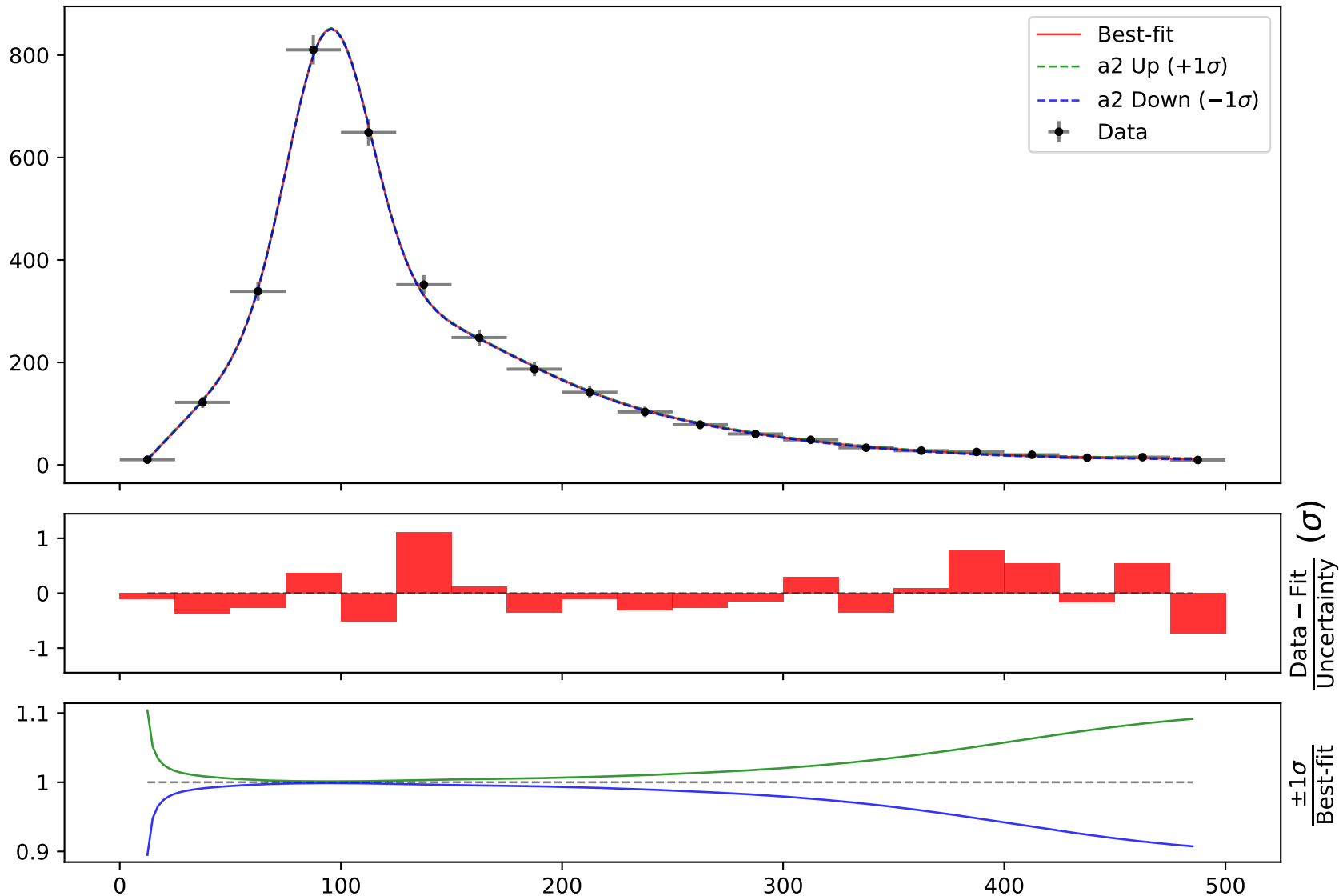
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

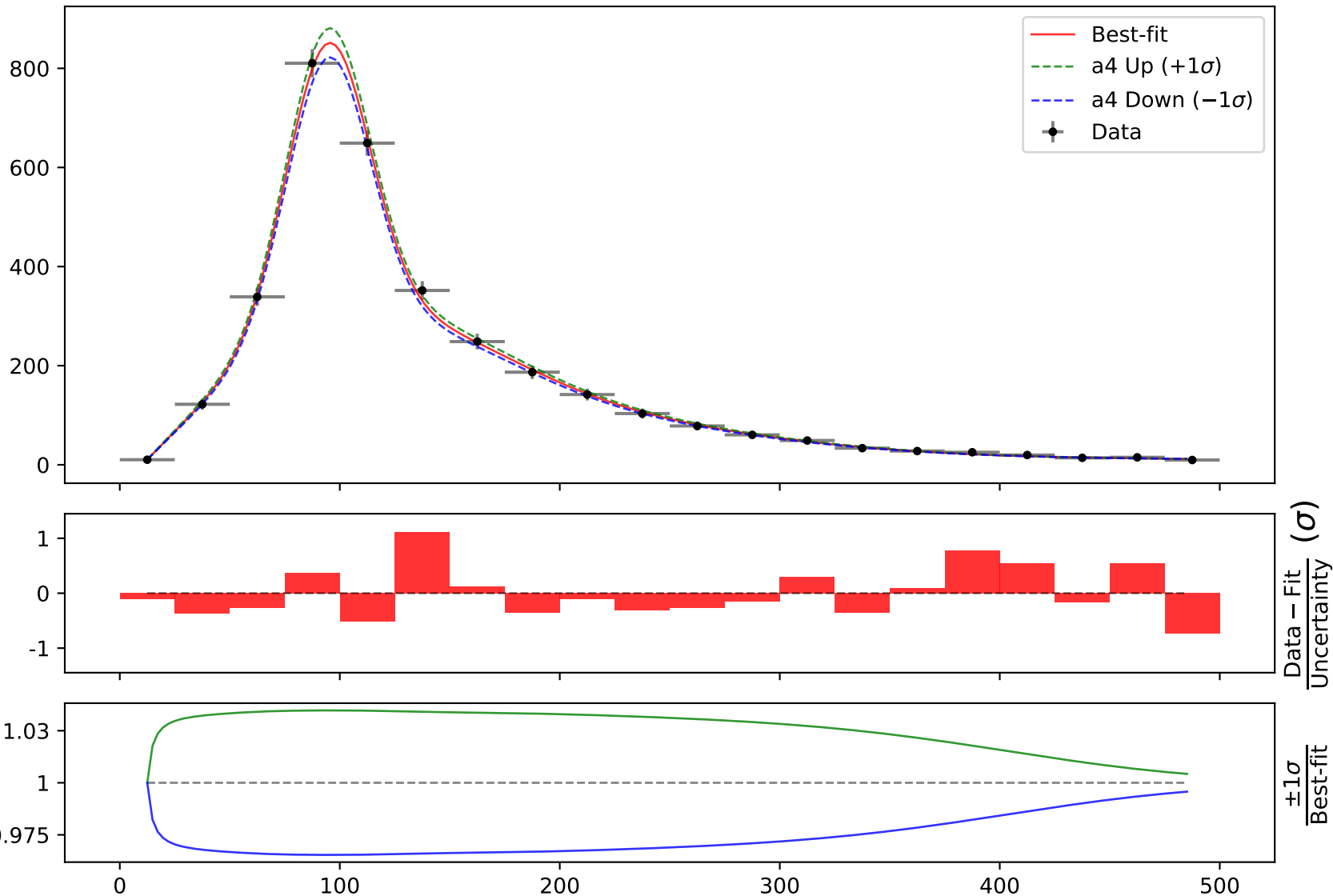
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, R^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

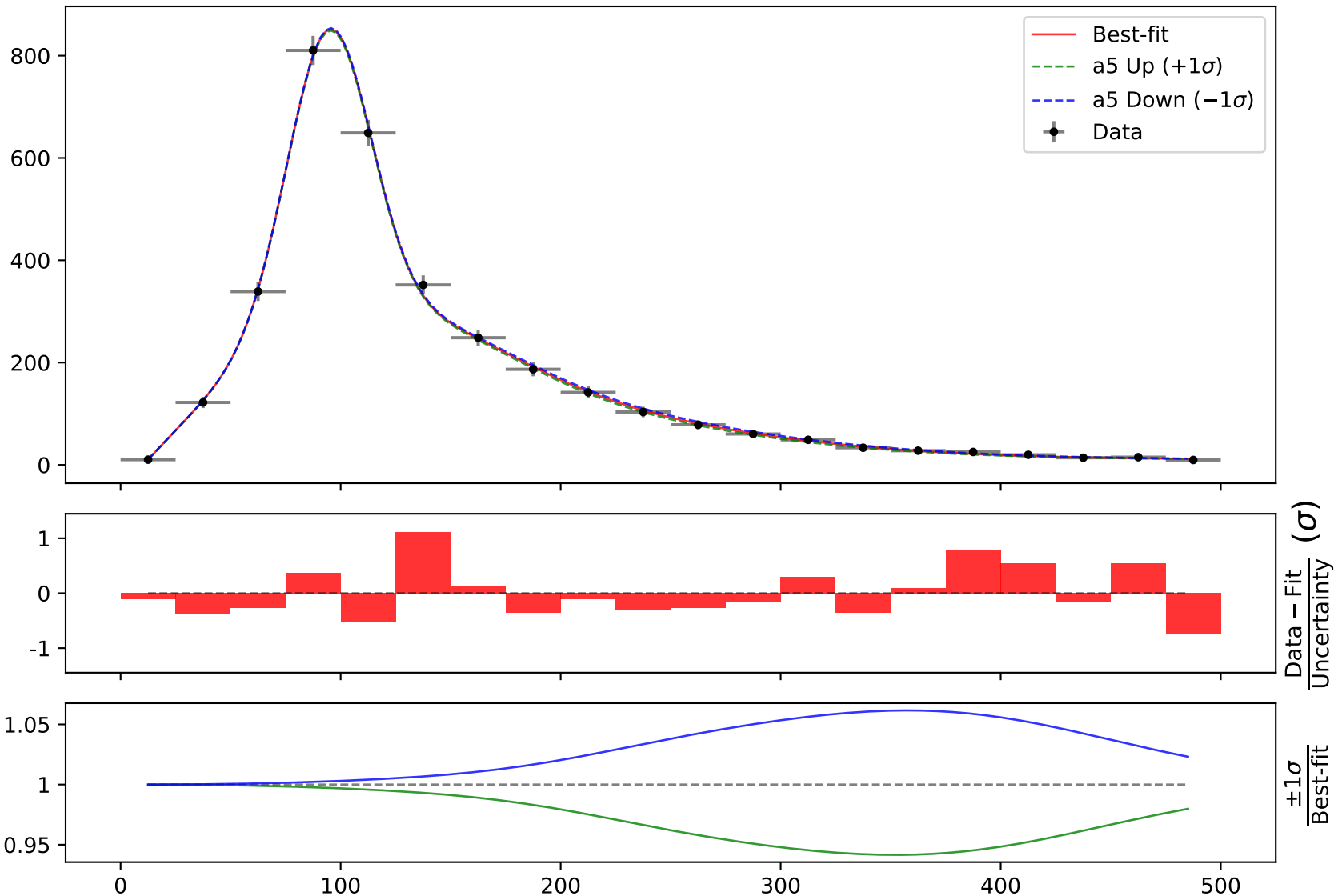
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$\mathbf{a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},}$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

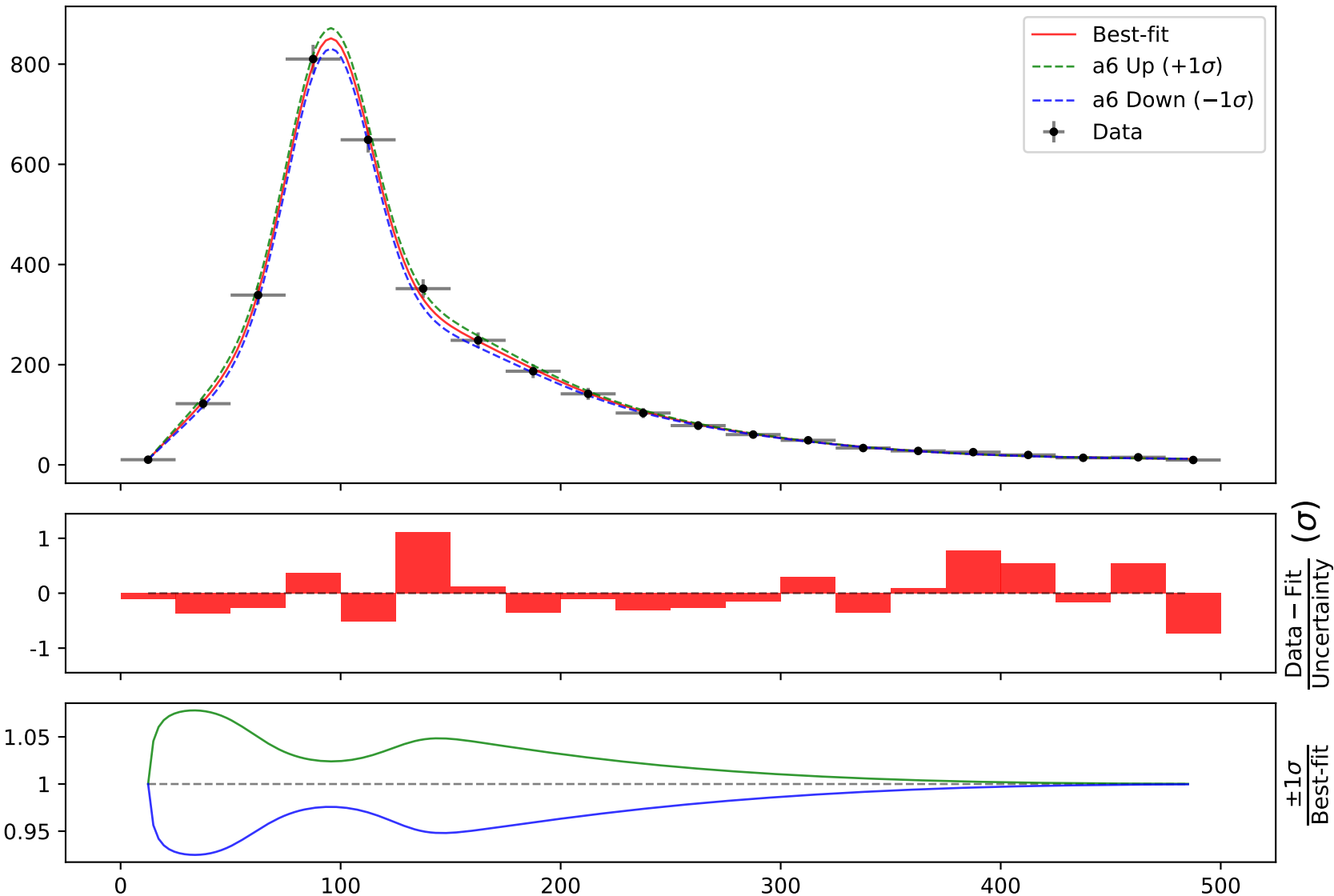
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad \mathbf{a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},}$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

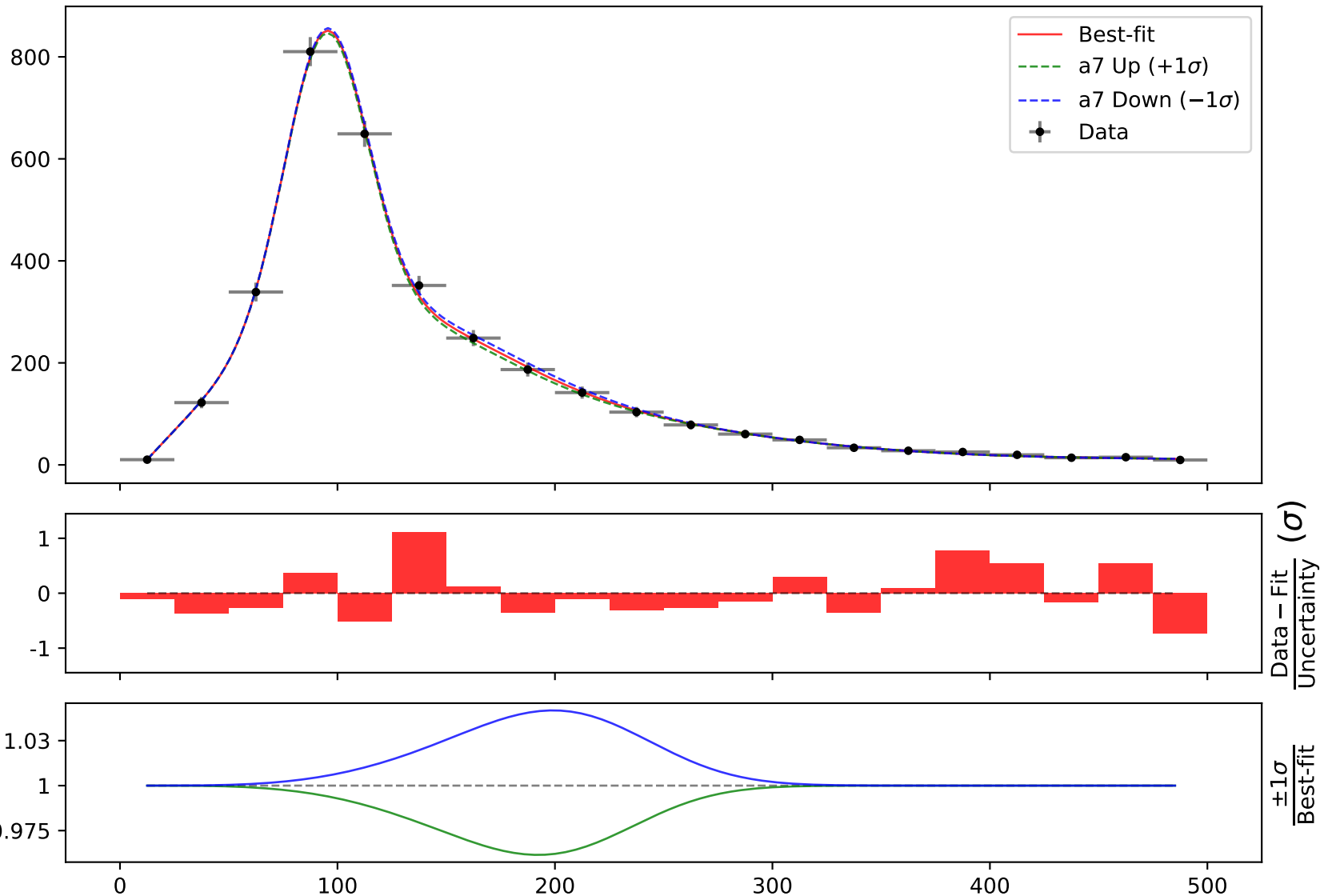
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



$$164.796 \cdot (a_2 + (a_4 \cdot \text{gauss}(a_1 + a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \tanh(a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_3 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526)))))$$

$$a_1 = -3.11738^{+0.1317(4.23\%)}_{-0.1393(4.47\%)}, \quad a_2 = 0.0639039^{+0.006659(10.4\%)}_{-0.006734(10.5\%)},$$

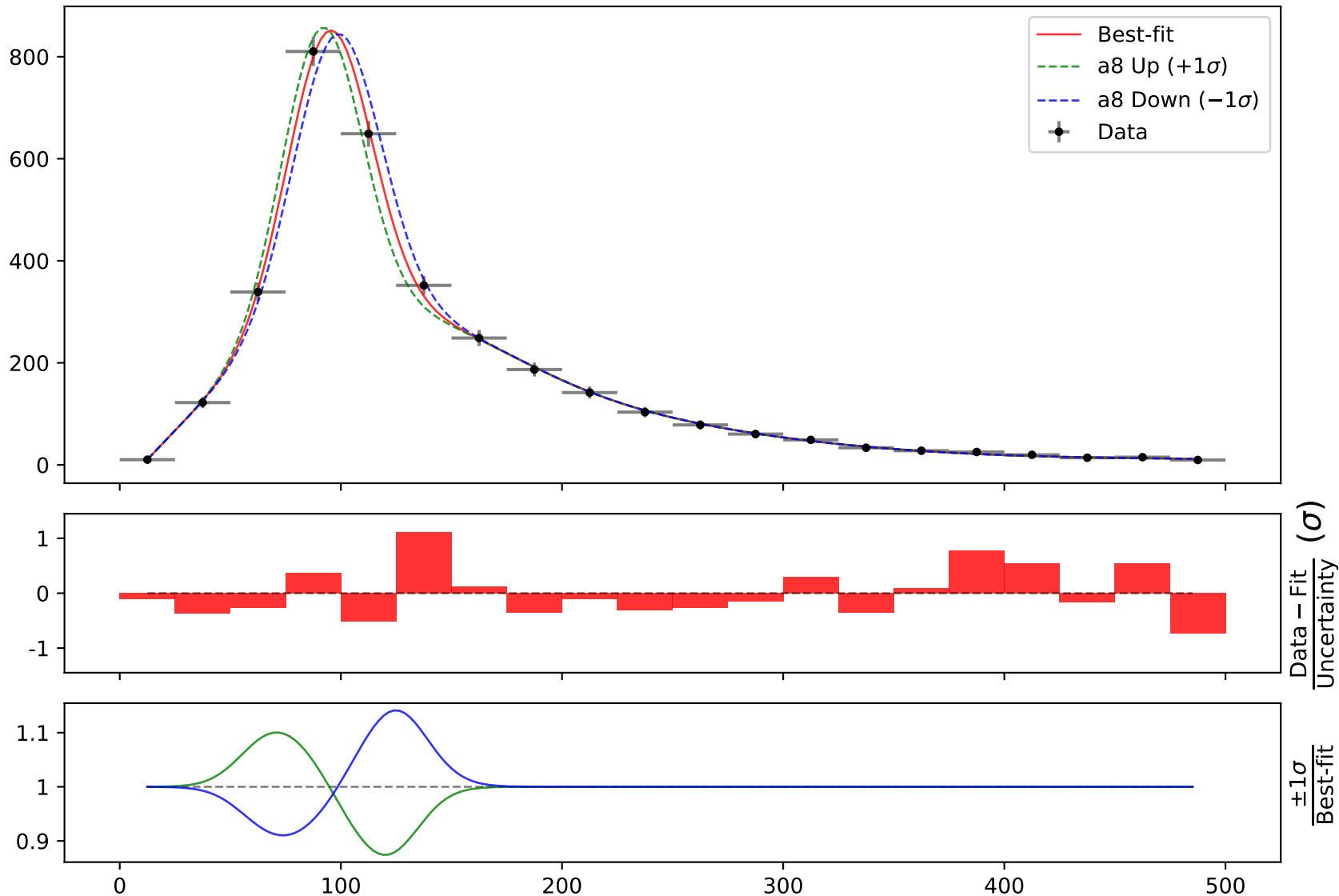
$$a_3 = 1.72, \quad a_4 = 2.04814^{+0.07207(3.52\%)}_{-0.07181(3.51\%)},$$

$$a_5 = 2.34437^{+0.03876(1.65\%)}_{-0.03783(1.61\%)}, \quad a_6 = 3.1714^{+0.2872(9.05\%)}_{-0.2755(8.69\%)},$$

$$a_7 = 5.02149^{+0.4416(8.79\%)}_{-0.4189(8.34\%)}, \quad \mathbf{a_8 = 17.5956^{+0.8093(4.6\%)}_{-0.7751(4.4\%)}}$$

Candidate #33

$$\chi^2/\text{NDF} = 4.212/13, \text{RMSE} = 6.529, \text{R}^2 = 0.9991$$



Candidate function #32

$$164.796 * ((a7 + \exp(a3 * ((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a8 * ((x0 - 12.5) * 0.00210526)) + \tanh(a5 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a6)) + \text{gauss}(a4))$$

$$a1 = -2.91, \quad a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

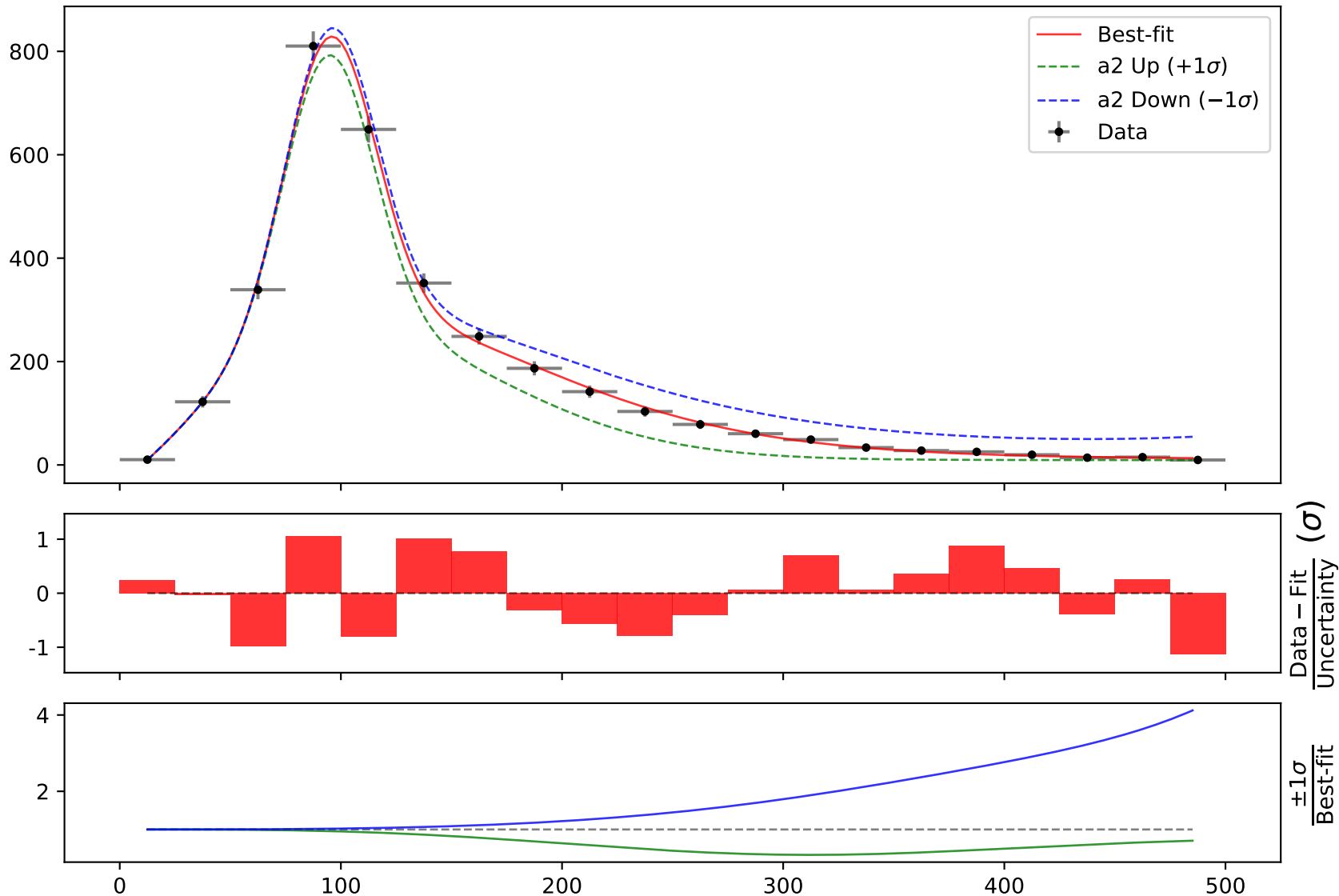
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, \quad a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, \quad a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, \quad a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



$$164.796*((a7 + \exp(a3*((x0 - 12.5) * 0.00210526)))*(gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + \tanh(a5*((x0 - 12.5) * 0.00210526))*gauss(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a6)) + gauss(a4)))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

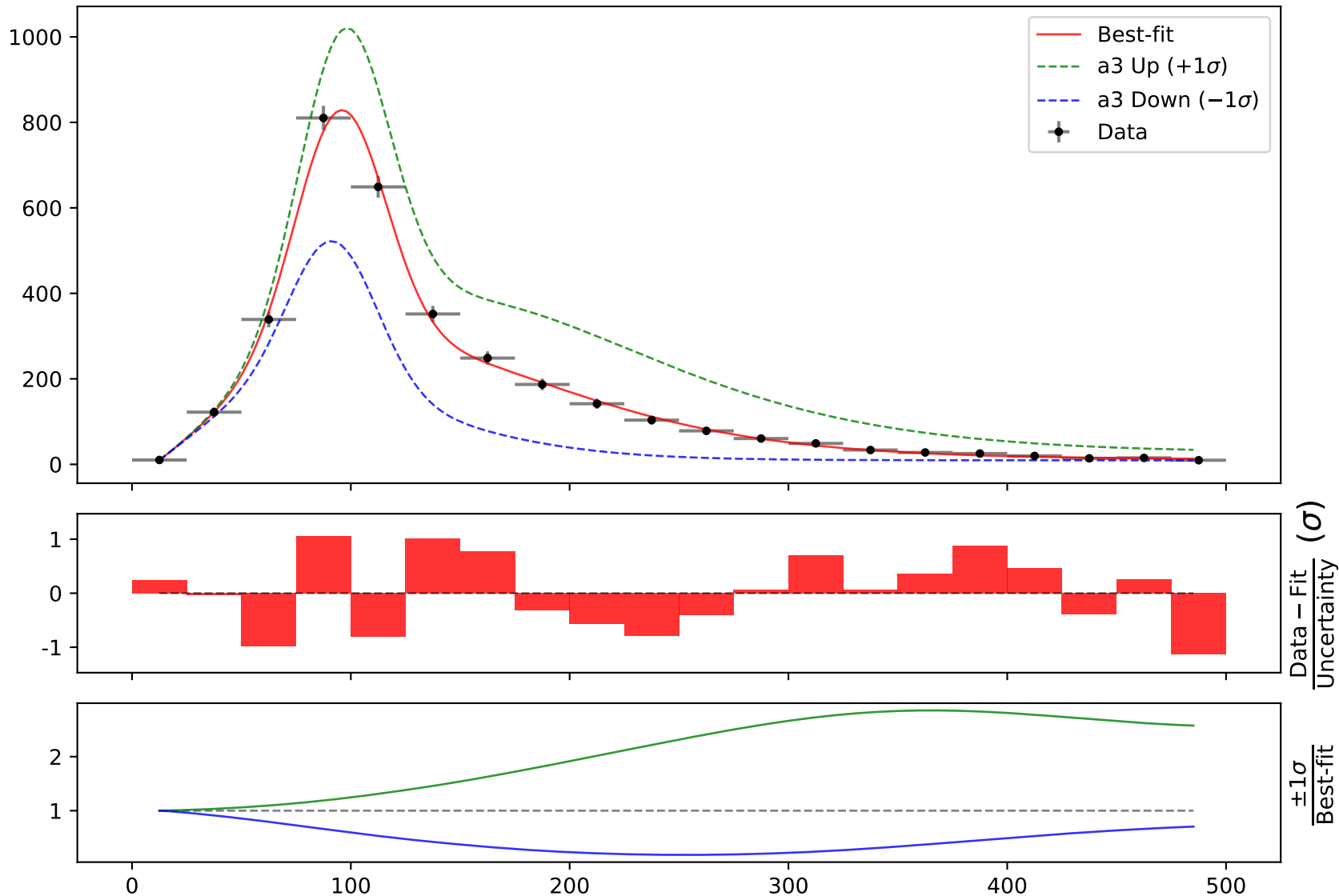
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



$$164.796 * ((a7 + \exp(a3 * ((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a8 * ((x0 - 12.5) * 0.00210526)) + \tanh(a5 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a6)) + \text{gauss}(a4))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

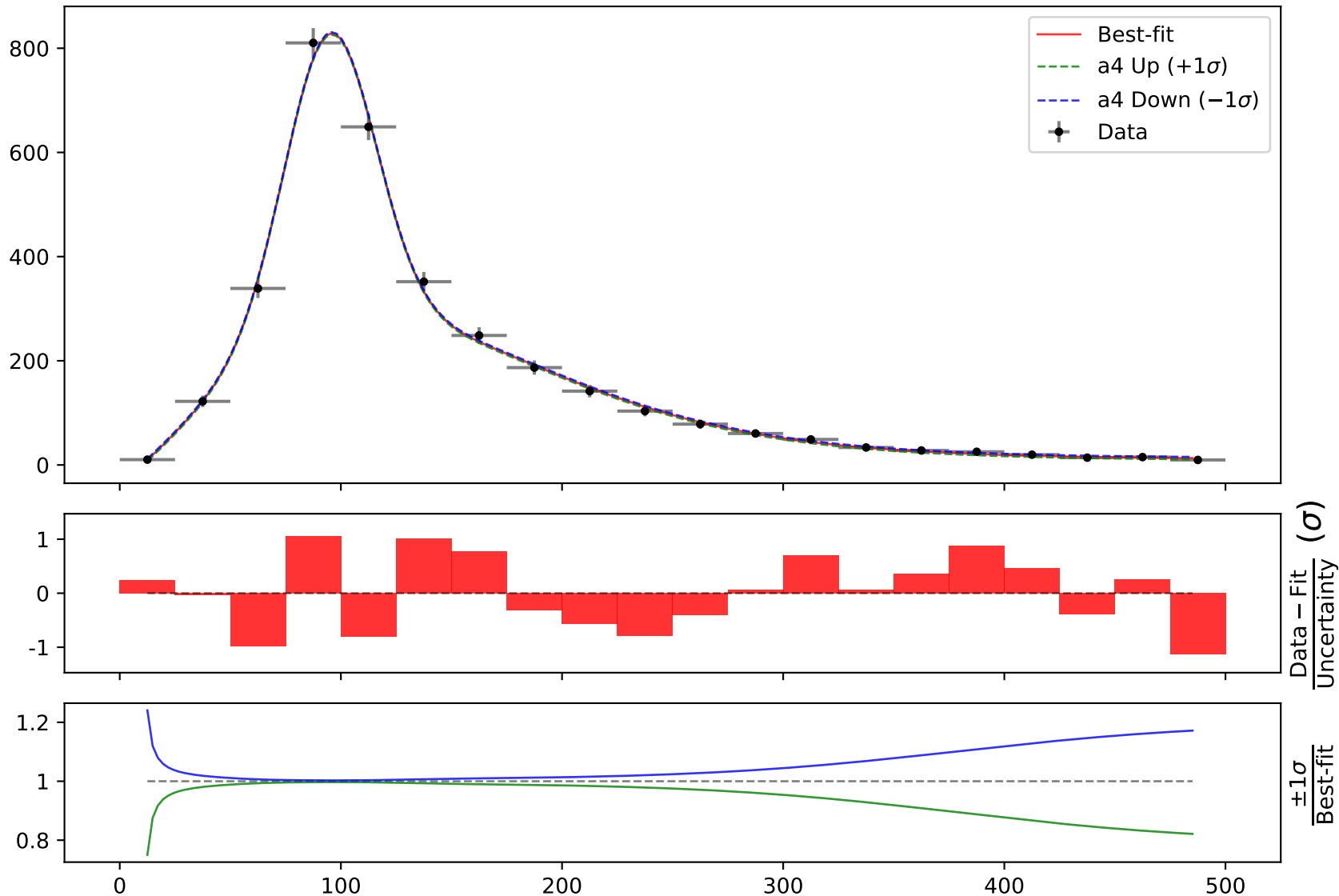
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



$$164.796*((a7 + \exp(a3*((x0 - 12.5) * 0.00210526)))*(gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + \tanh(a5*((x0 - 12.5) * 0.00210526))*gauss(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a6)) + gauss(a4))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

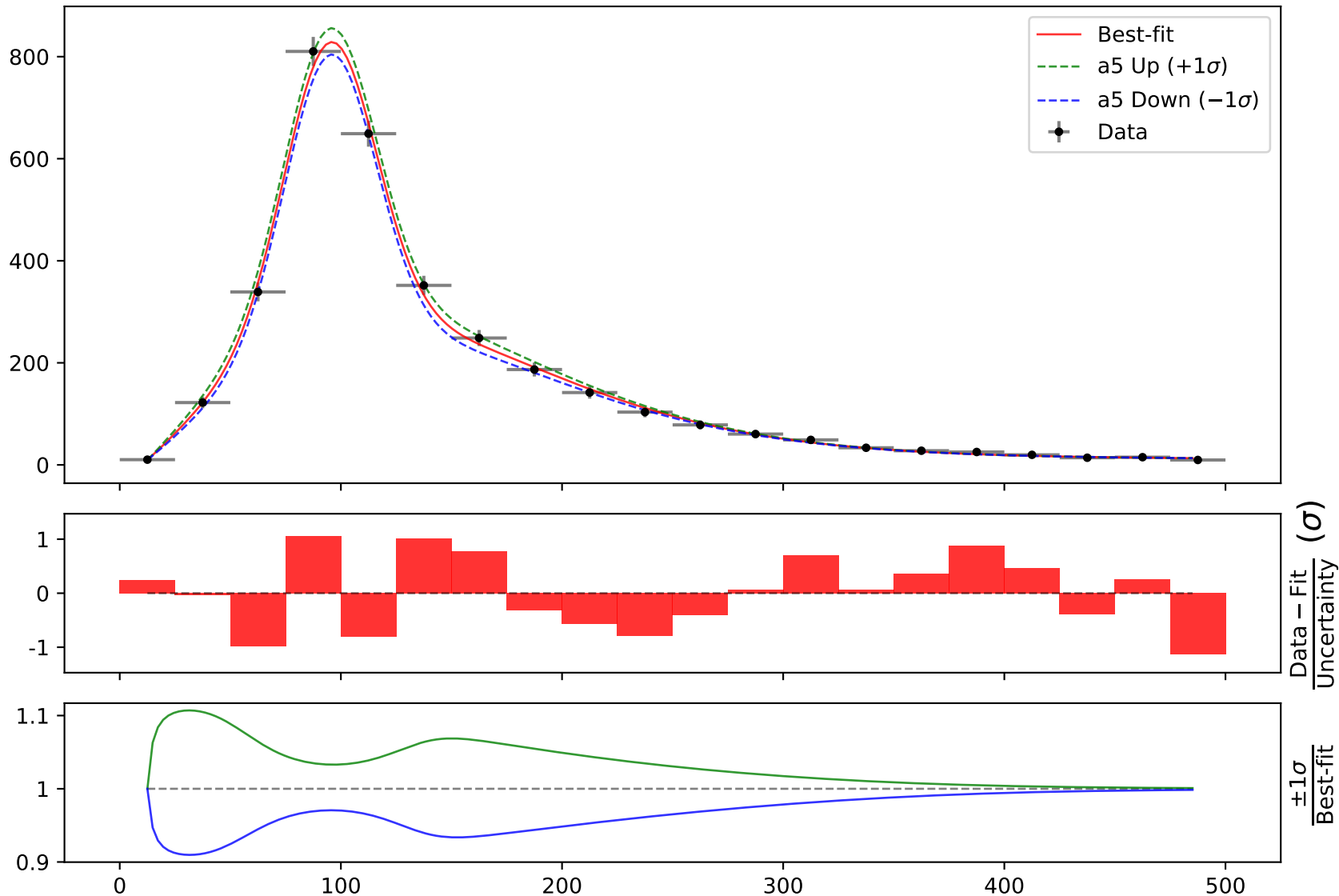
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$\mathbf{a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},}$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



$$164.796*((a7 + \exp(a3*((x0 - 12.5) * 0.00210526)))*(gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + \tanh(a5*((x0 - 12.5) * 0.00210526))*gauss(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a6)) + gauss(a4))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

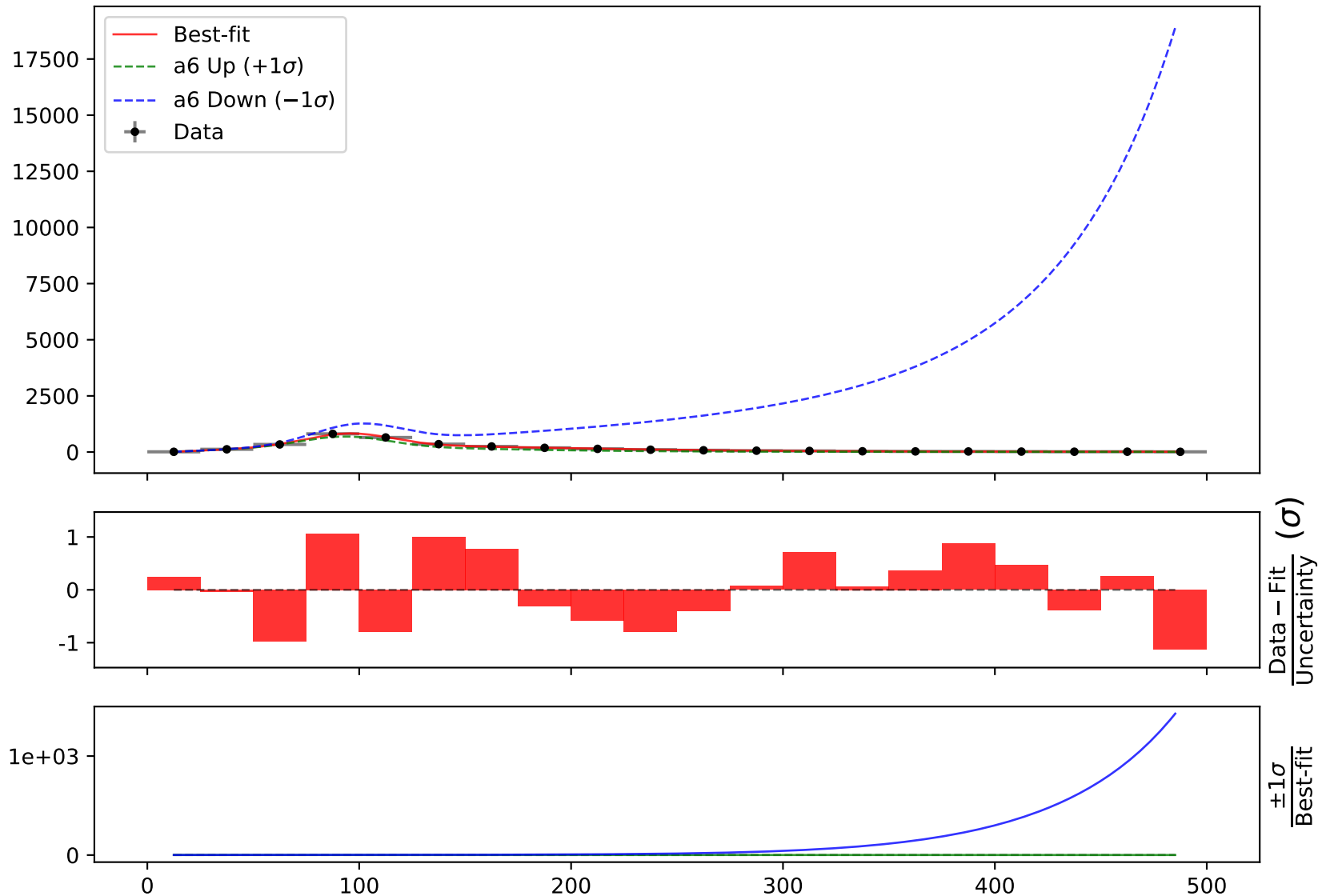
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, \mathbf{a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},}$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



$$164.796*((a7 + \exp(a3*((x0 - 12.5) * 0.00210526)))*(gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + \tanh(a5*((x0 - 12.5) * 0.00210526))*gauss(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a6)) + gauss(a4))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

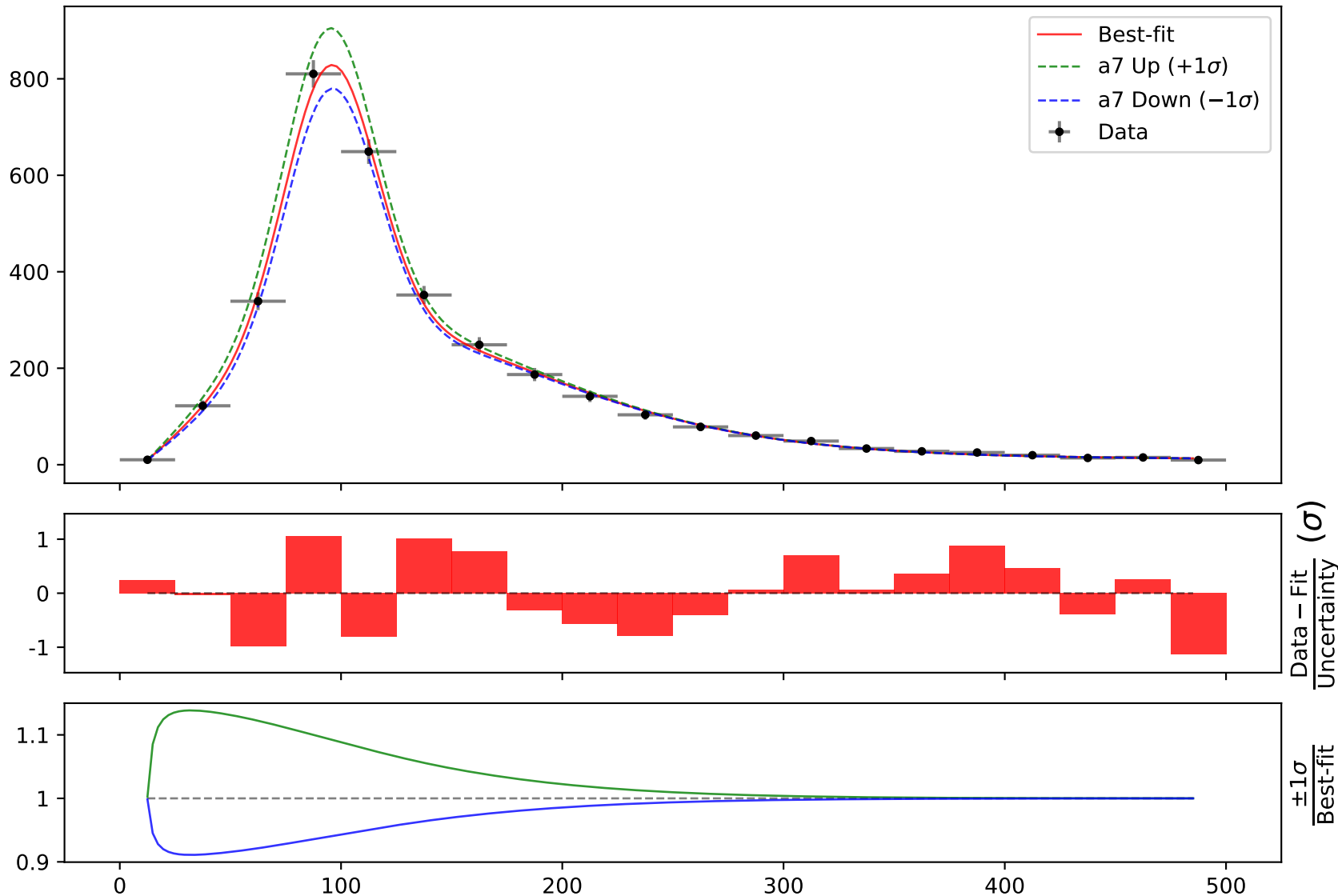
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R^2 = 0.9975$$



$$164.796*((a7 + \exp(a3*((x0 - 12.5) * 0.00210526)))*(gauss(a1 + a8*((x0 - 12.5) * 0.00210526)) + \tanh(a5*((x0 - 12.5) * 0.00210526))*gauss(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a6)) + gauss(a4)))$$

$$a1 = -2.91, a2 = -1.73439^{+0.8492(49.0\%)}_{-0.3801(21.9\%)},$$

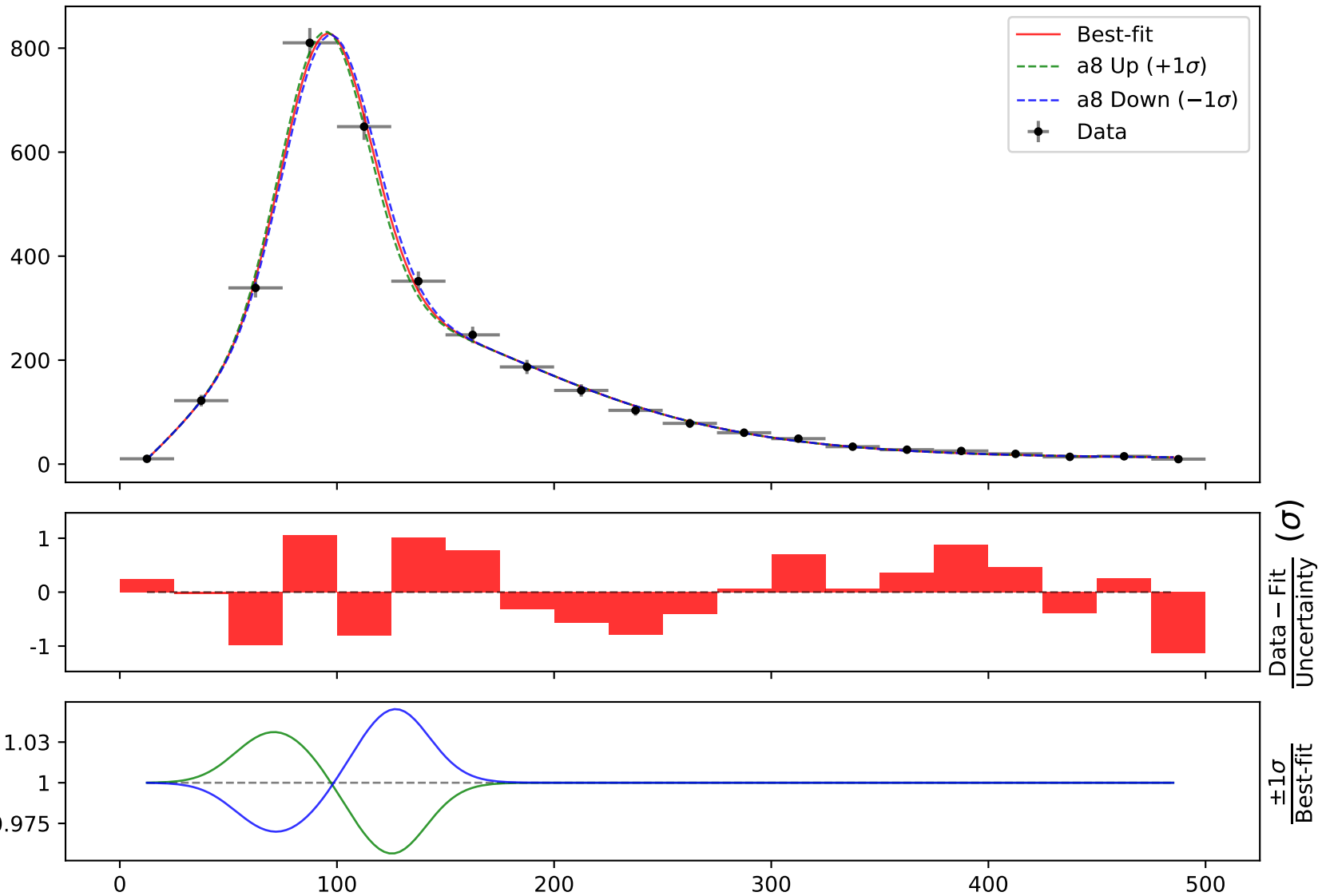
$$a3 = 8.1483^{+1.856(22.8\%)}_{-6.034(74.1\%)}, a4 = 1.69478^{+0.08418(4.97\%)}_{-0.06564(3.87\%)},$$

$$a5 = 2.92734^{+0.3707(12.7\%)}_{-0.3118(10.7\%)}, a6 = 5.18466^{+0.5875(11.3\%)}_{-1.616(31.2\%)},$$

$$a7 = 2.87508^{+0.6569(22.8\%)}_{-0.4222(14.7\%)}, \mathbf{a8 = 16.1831^{+0.2506(1.55\%)}_{-0.2472(1.53\%)}}$$

Candidate #32

$$\chi^2/\text{NDF} = 8.759/13, \text{RMSE} = 10.89, R2 = 0.9975$$



Candidate function #31

$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

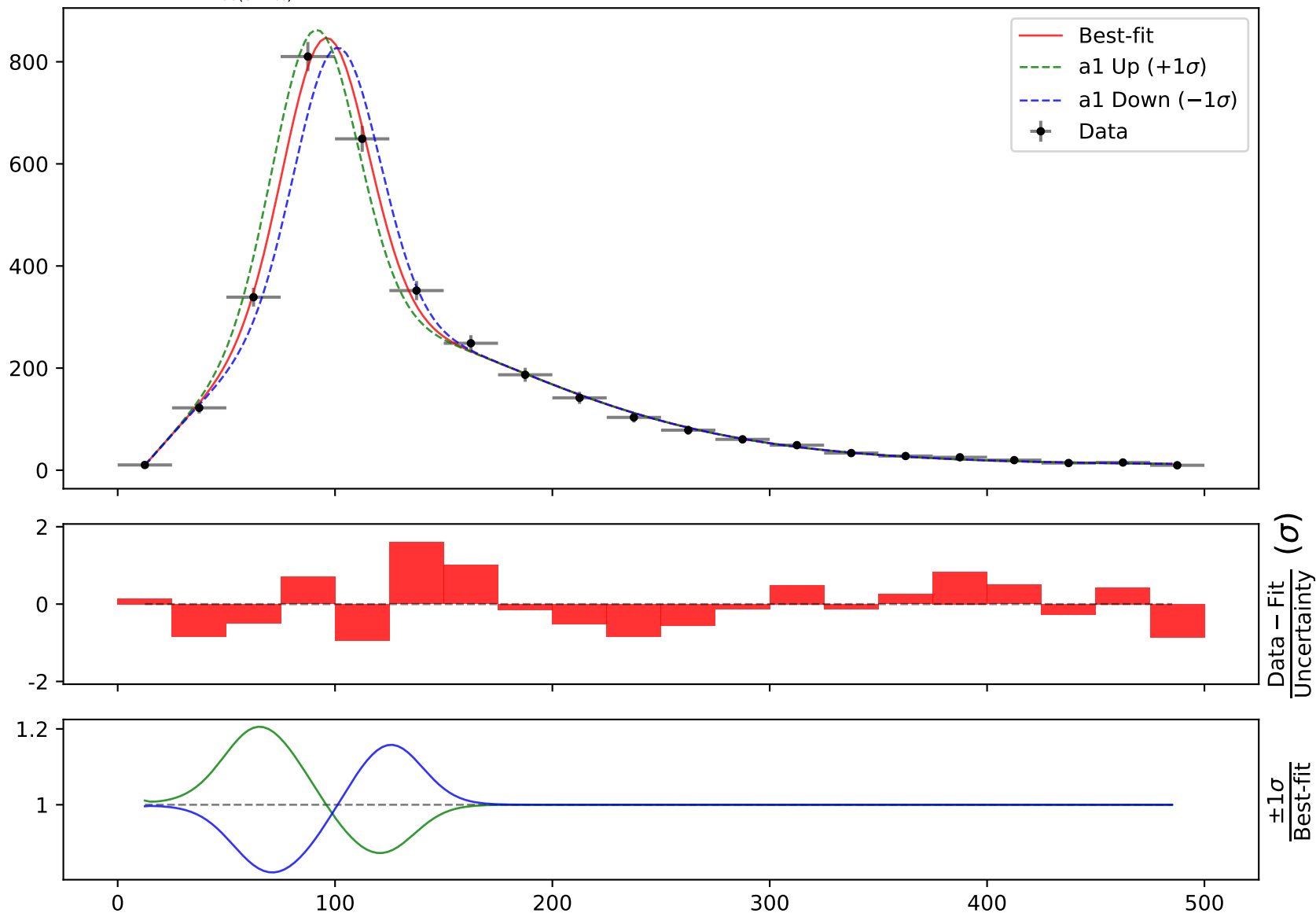
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R2} = 0.9973$$



$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, \quad a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

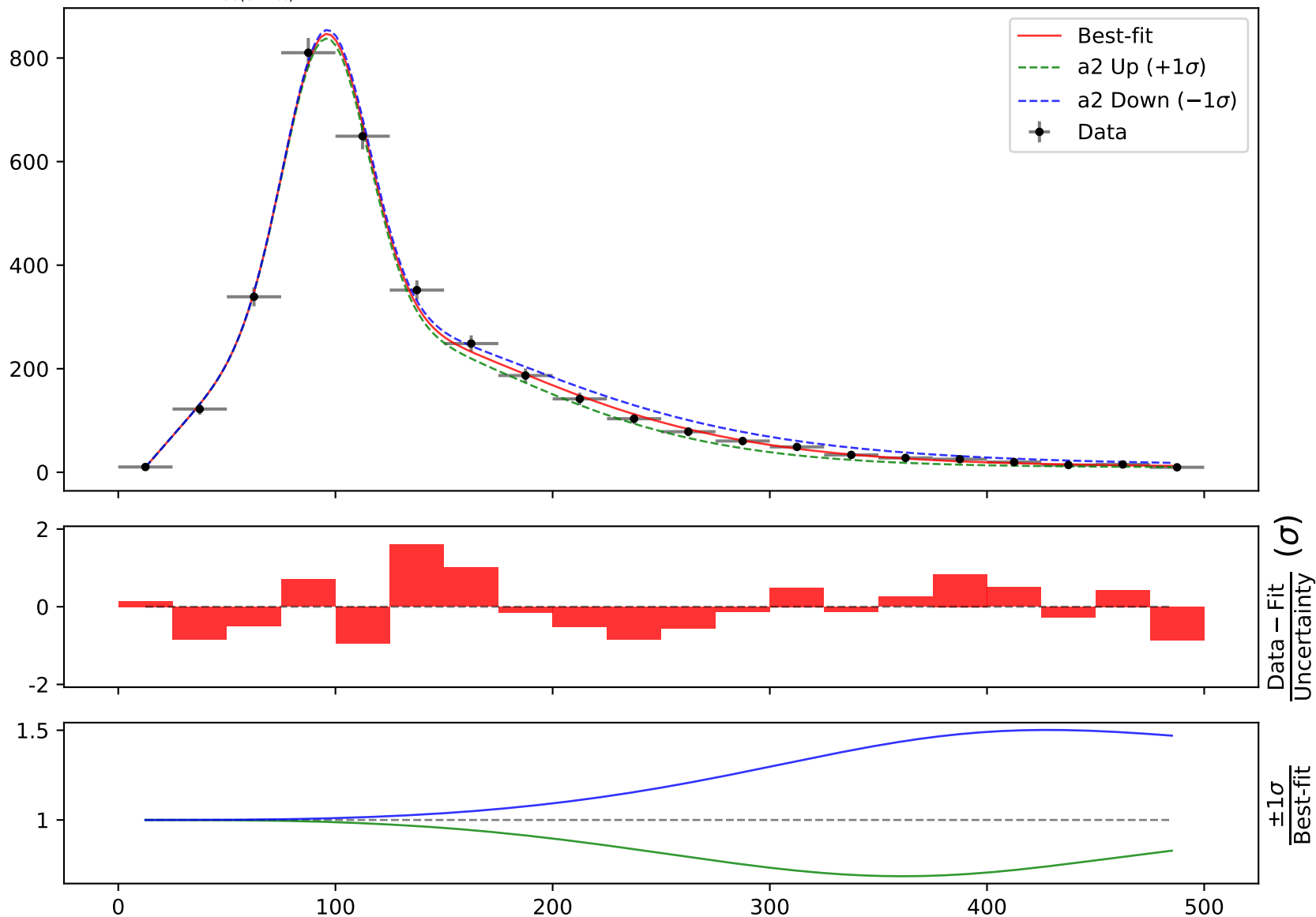
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, \quad a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, \quad a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{ RMSE} = 11.17, \text{ R2} = 0.9973$$



$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

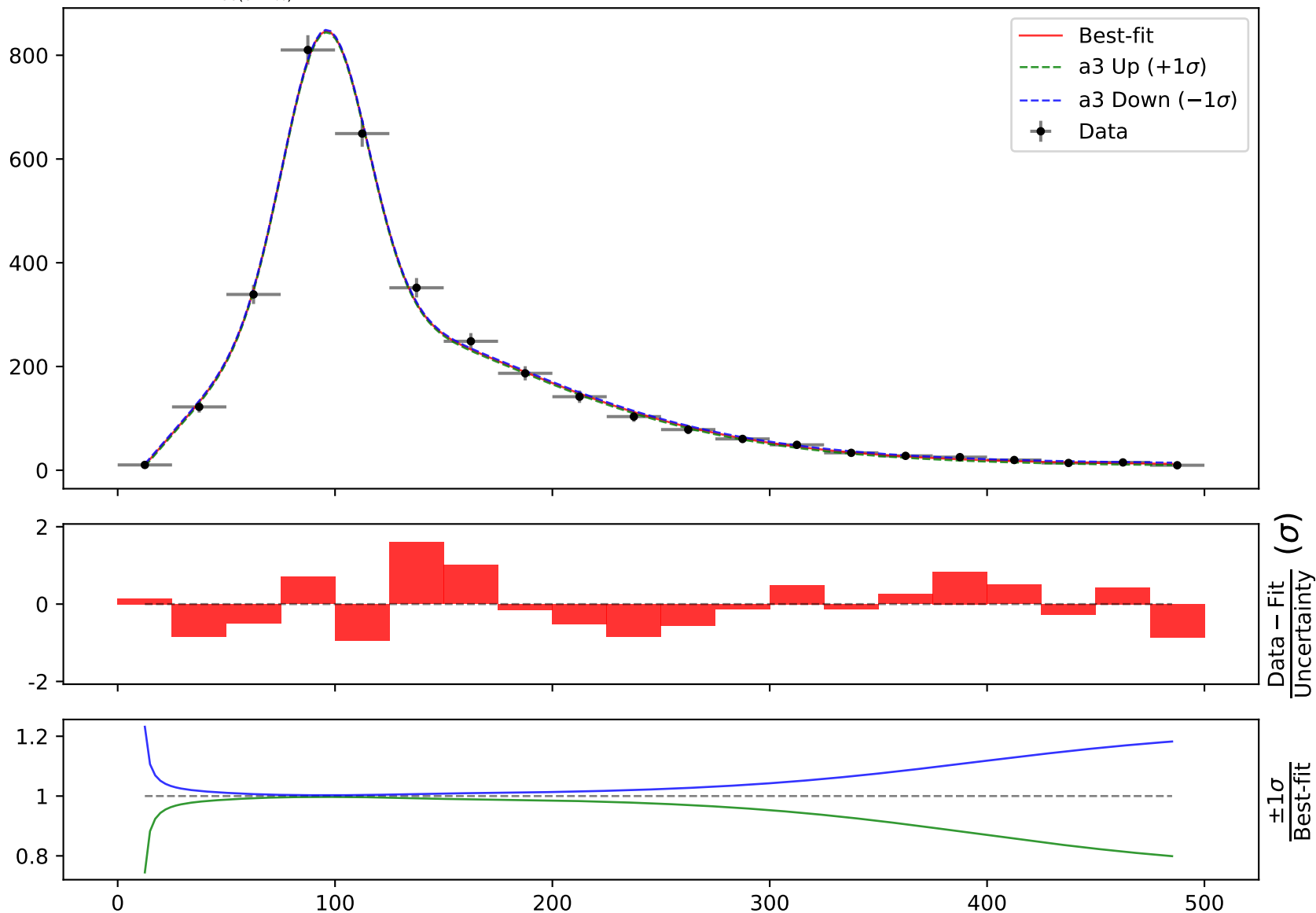
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R2} = 0.9973$$



$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

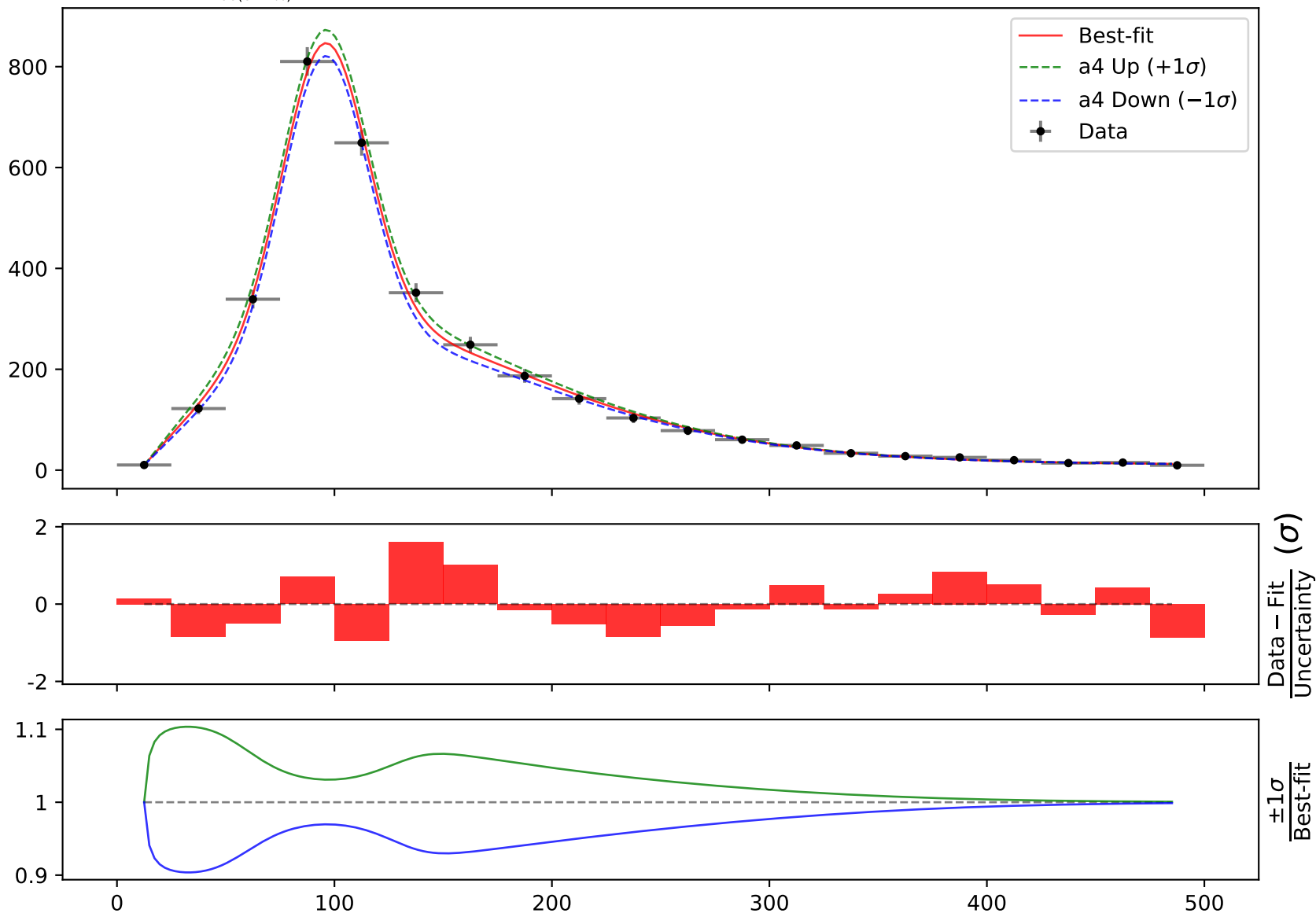
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R2} = 0.9973$$



$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

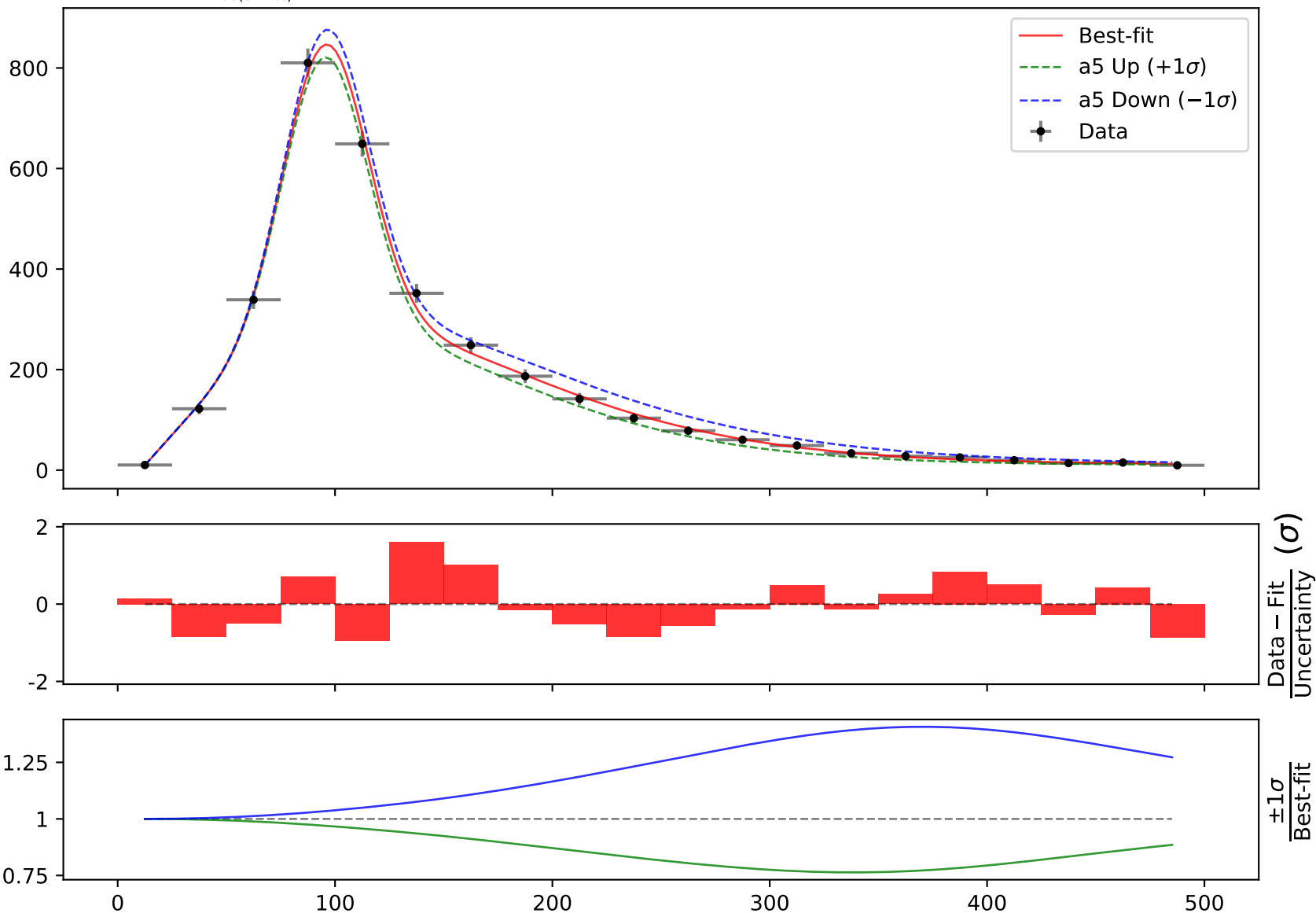
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R2} = 0.9973$$



$$164.796*((a6*\text{gauss}(a1 + a7*((x0 - 12.5) * 0.00210526)) + a6*\tanh(a4*((x0 - 12.5) * 0.00210526)))*\text{gauss}(((x0 - 12.5) * 0.00210526)*(a2*((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

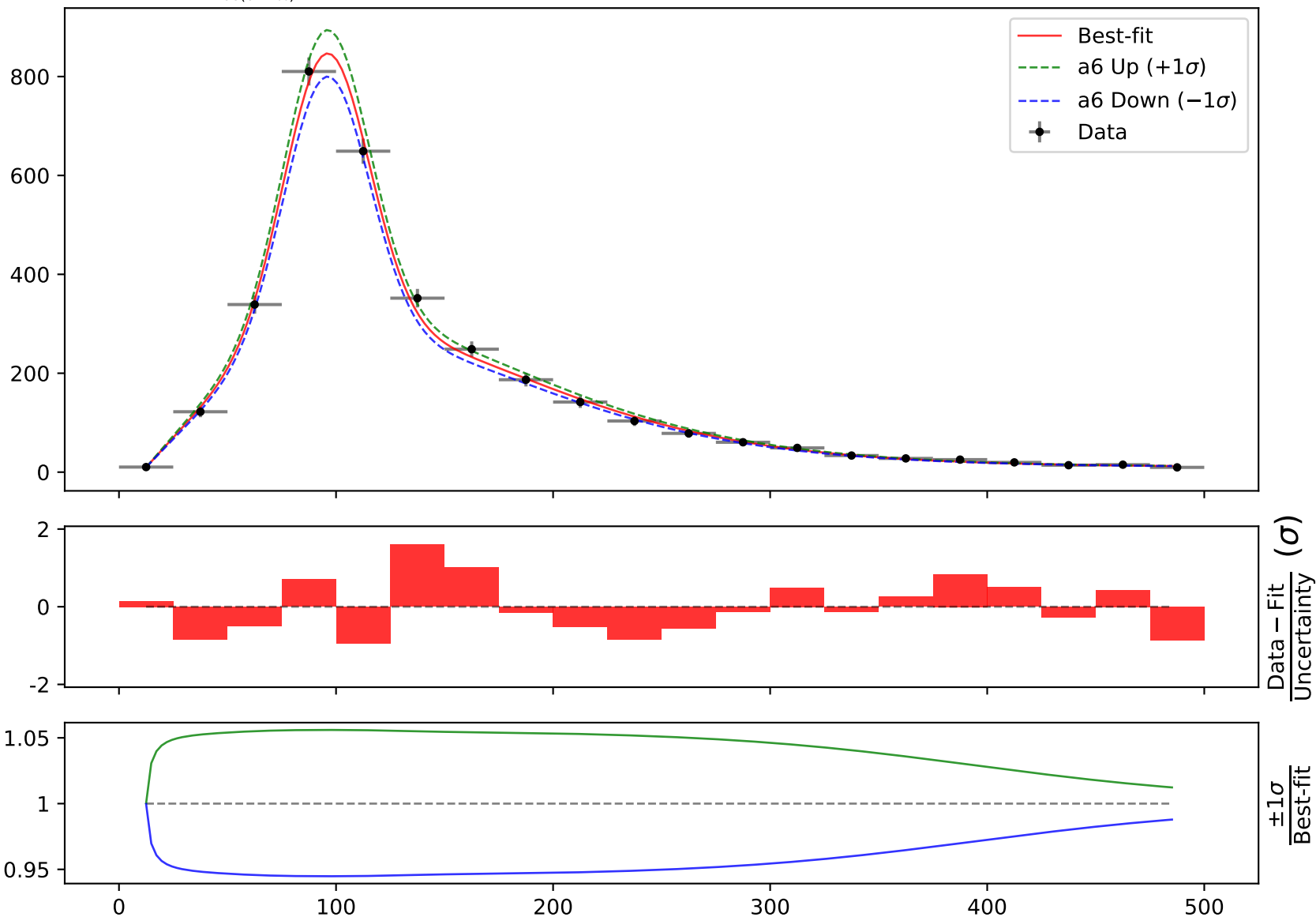
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R}^2 = 0.9973$$



$$164.796 * ((a6 * \text{gauss}(a1 + a7 * ((x0 - 12.5) * 0.00210526)) + a6 * \tanh(a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(((x0 - 12.5) * 0.00210526) * (a2 * ((x0 - 12.5) * 0.00210526) + a5)) + \text{gauss}(a3))$$

$$a1 = -3.09142^{+0.1784(5.77\%)}_{-0.1962(6.35\%)}, a2 = -1.0092^{+0.3089(30.6\%)}_{-0.2579(25.6\%)},$$

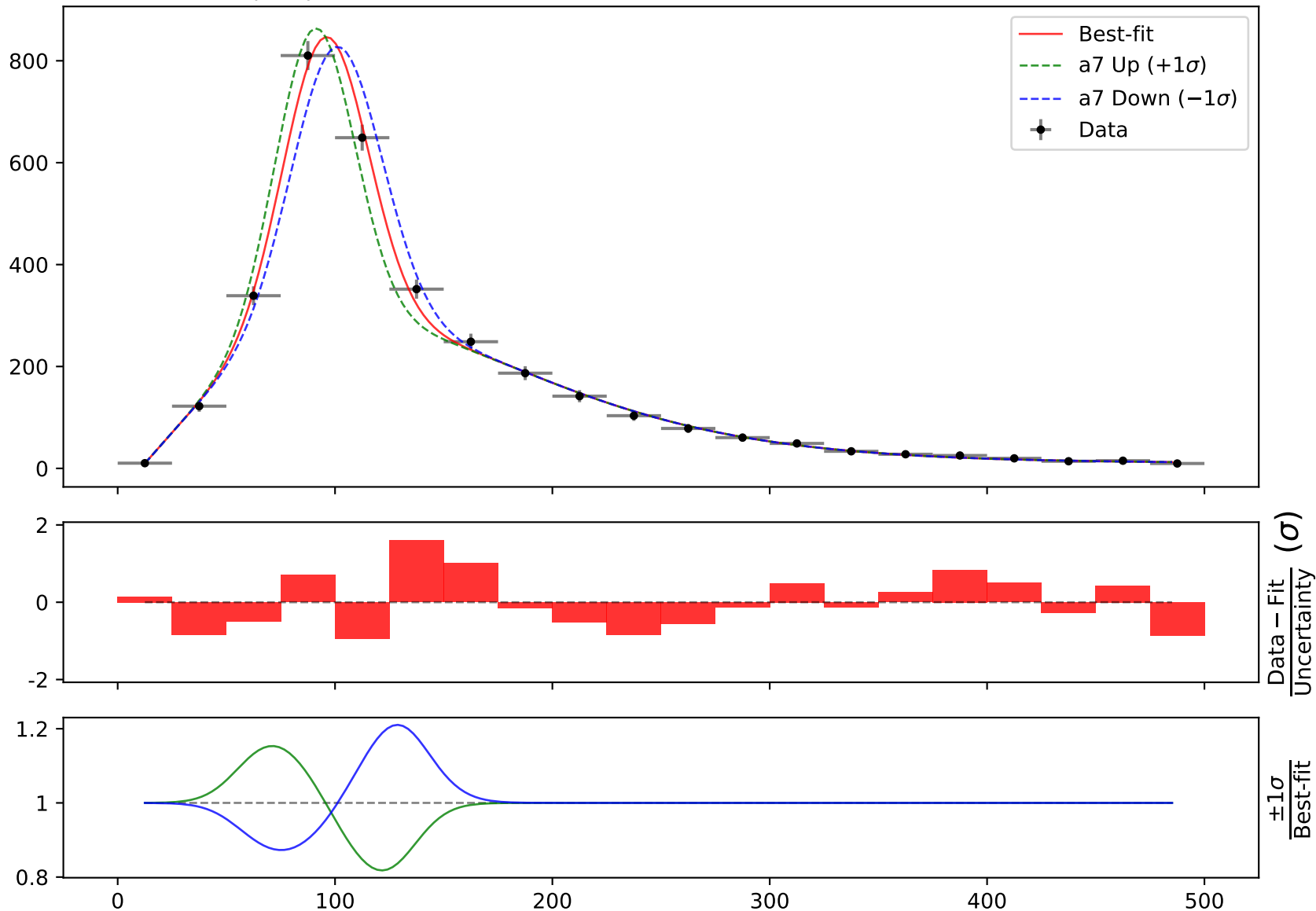
$$a3 = 1.683^{+0.08598(5.11\%)}_{-0.06343(3.77\%)}, a4 = 2.88705^{+0.3429(11.9\%)}_{-0.3177(11.0\%)},$$

$$a5 = 3.39828^{+0.1536(4.52\%)}_{-0.178(5.24\%)}, a6 = 4.7935^{+0.2716(5.67\%)}_{-0.2677(5.59\%)},$$

$$a7 = 17.0859^{+1.156(6.77\%)}_{-1.06(6.21\%)}$$

Candidate #31

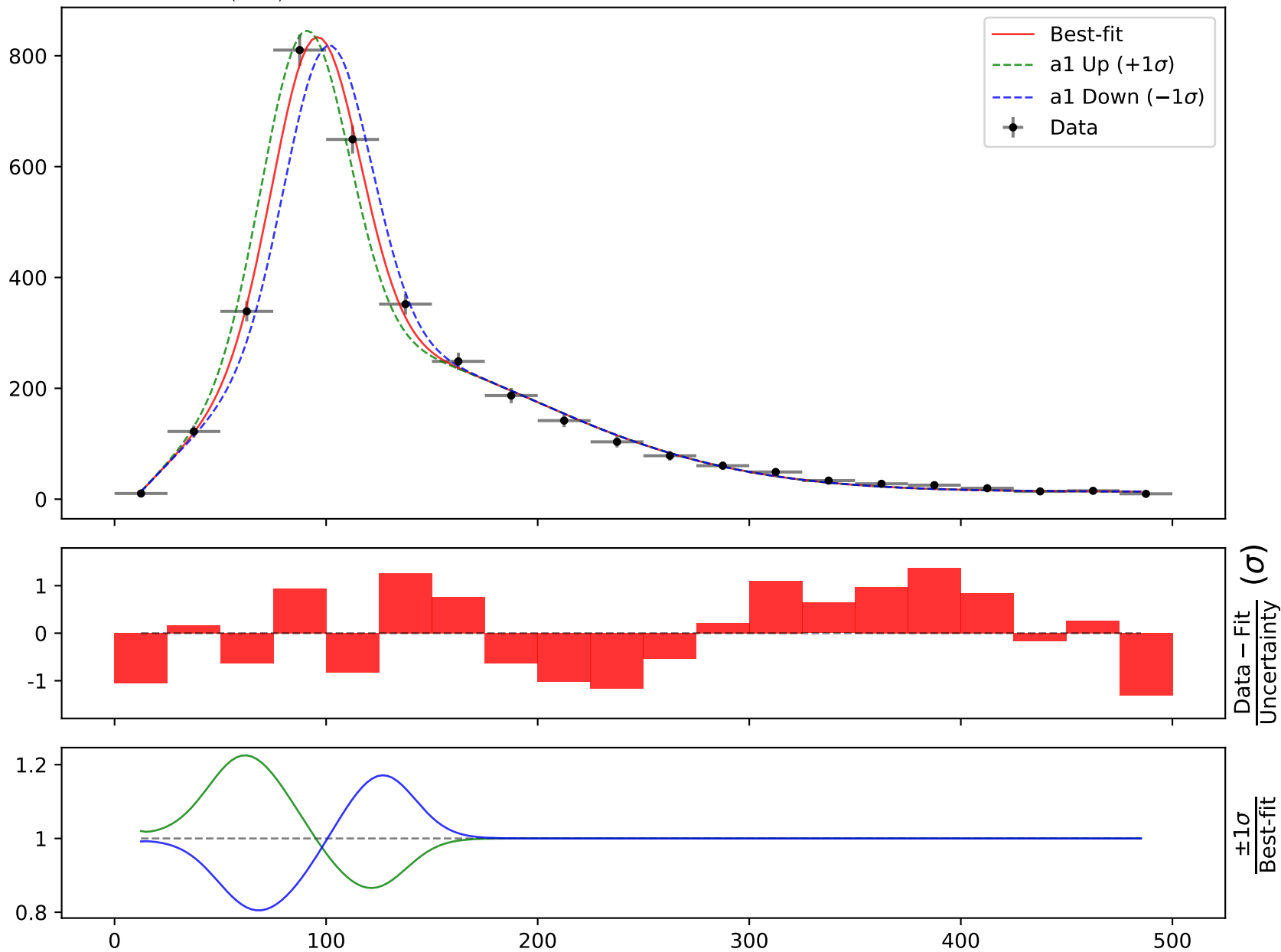
$$\chi^2/\text{NDF} = 9.549/13, \text{RMSE} = 11.17, \text{R2} = 0.9973$$



Candidate function #30

$$164.796 * (a_2 + (a_3 + 2 * \text{gauss}(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_1 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_4 * ((x_0 - 12.5) * 0.00210526)))$$

$$\begin{aligned} a_1 &= -2.91085^{+0.1799(6.18\%)}_{-0.2018(6.93\%)}, & a_2 &= 0.0817535^{+0.01007(12.3\%)}_{-0.0102(12.5\%)}, \\ a_3 &= 2.52177^{+0.1278(5.07\%)}_{-0.1266(5.02\%)}, & a_4 &= 2.76347^{+0.06917(2.5\%)}_{-0.06934(2.51\%)}, \\ a_5 &= 16.2271^{+1.213(7.48\%)}_{-1.09(6.72\%)} \end{aligned}$$

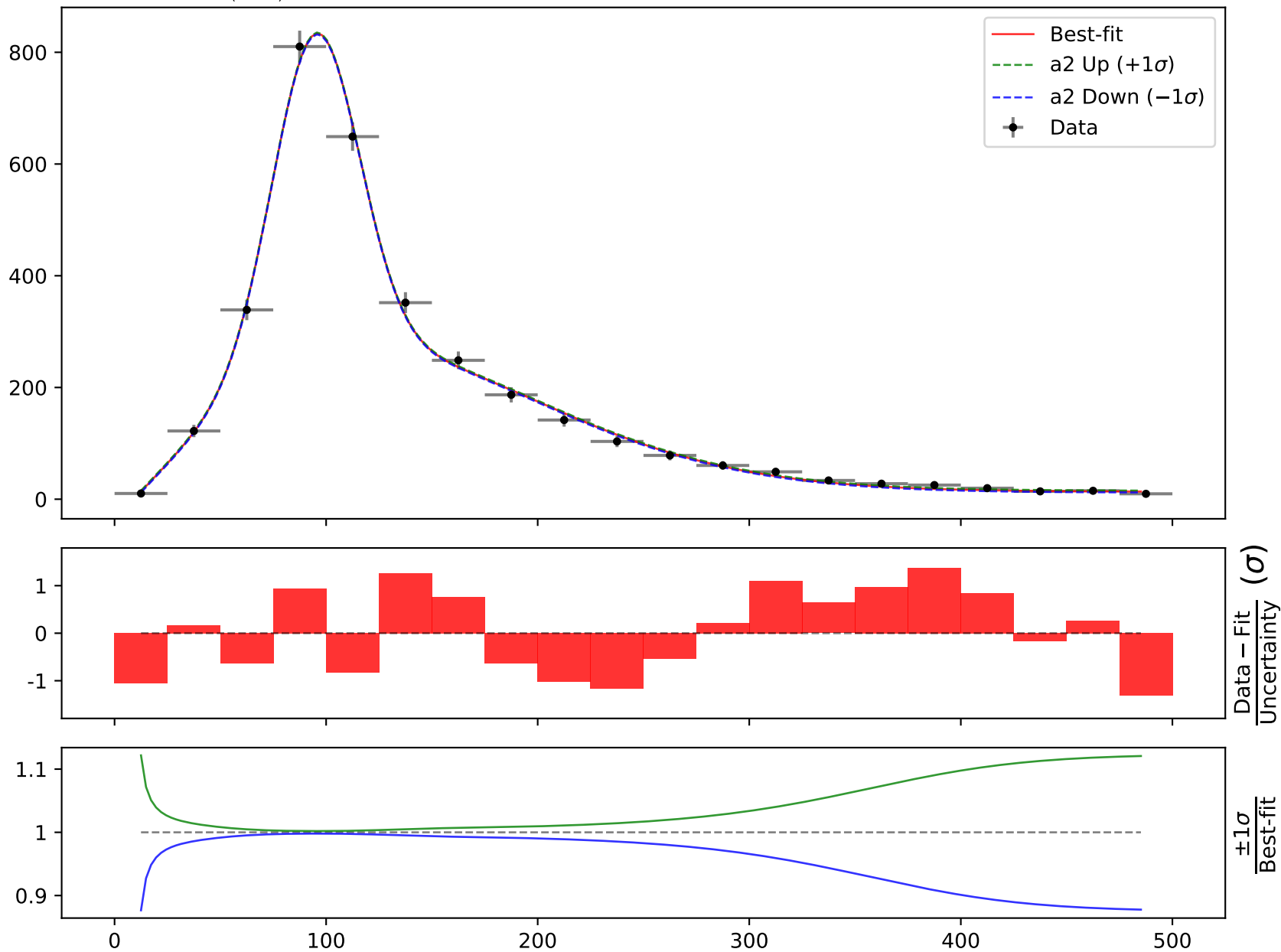
Candidate #30 $\chi^2/\text{NDF} = 15.48/15$, RMSE = 11.39, R2 = 0.9972

$$164.796 * (a2 + (a3 + 2 * \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a5 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.91085^{+0.1799(6.18\%)}_{-0.2018(6.93\%)}, \quad a2 = 0.0817535^{+0.01007(12.3\%)}_{-0.0102(12.5\%)},$$

$$a3 = 2.52177^{+0.1278(5.07\%)}_{-0.1266(5.02\%)}, \quad a4 = 2.76347^{+0.06917(2.5\%)}_{-0.06934(2.51\%)},$$

$$a5 = 16.2271^{+1.213(7.48\%)}_{-1.09(6.72\%)}$$

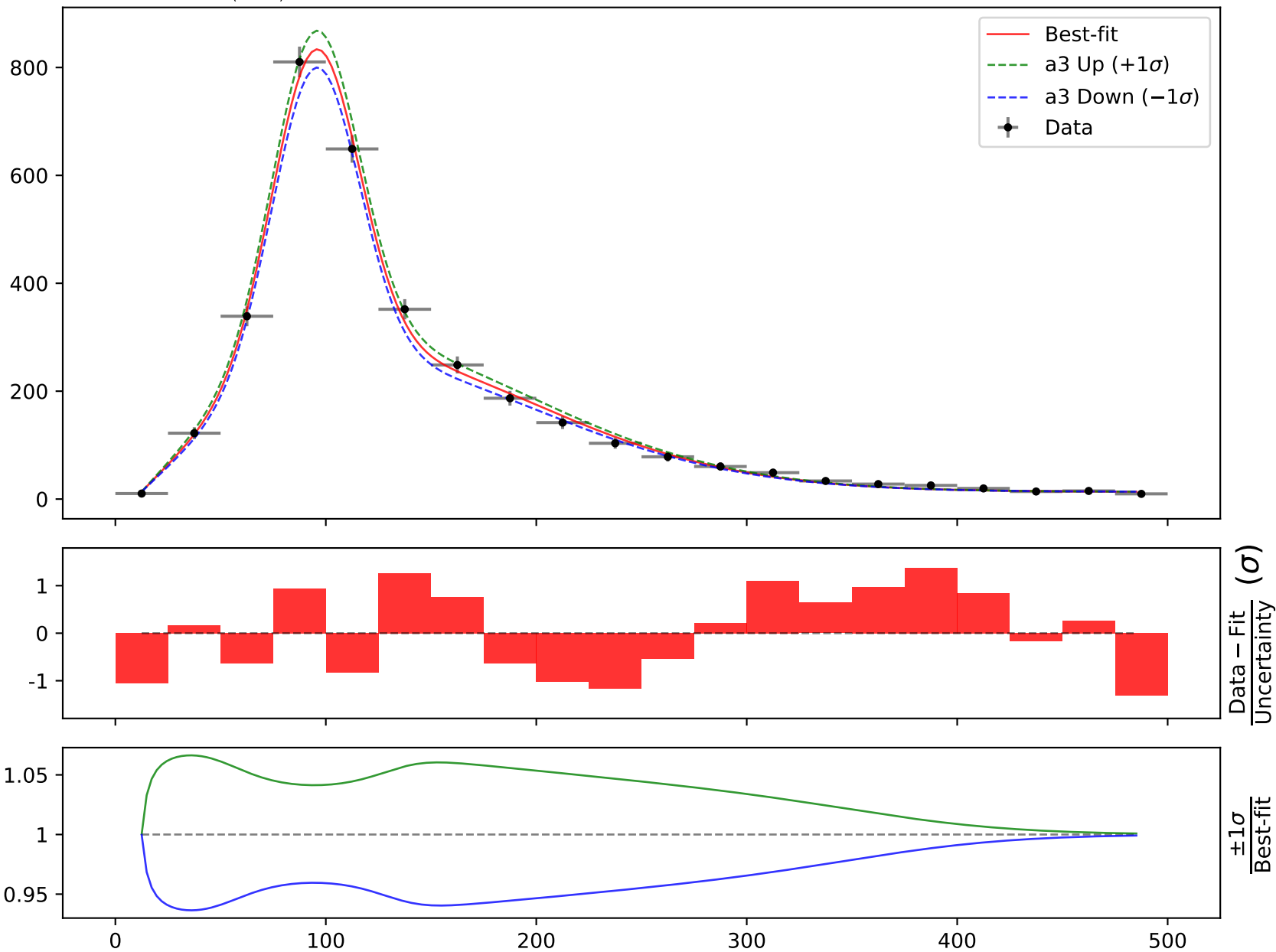
Candidate #30 $\chi^2/\text{NDF} = 15.48/15$, RMSE = 11.39, R2 = 0.9972

$$164.796 \cdot (a_2 + (a_3 + 2 \cdot \text{gauss}((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \tanh(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.91085^{+0.1799(6.18\%)}_{-0.2018(6.93\%)}, \quad a_2 = 0.0817535^{+0.01007(12.3\%)}_{-0.0102(12.5\%)},$$

$$a_3 = 2.52177^{+0.1278(5.07\%)}_{-0.1266(5.02\%)}, \quad a_4 = 2.76347^{+0.06917(2.5\%)}_{-0.06934(2.51\%)},$$

$$a_5 = 16.2271^{+1.213(7.48\%)}_{-1.09(6.72\%)}$$

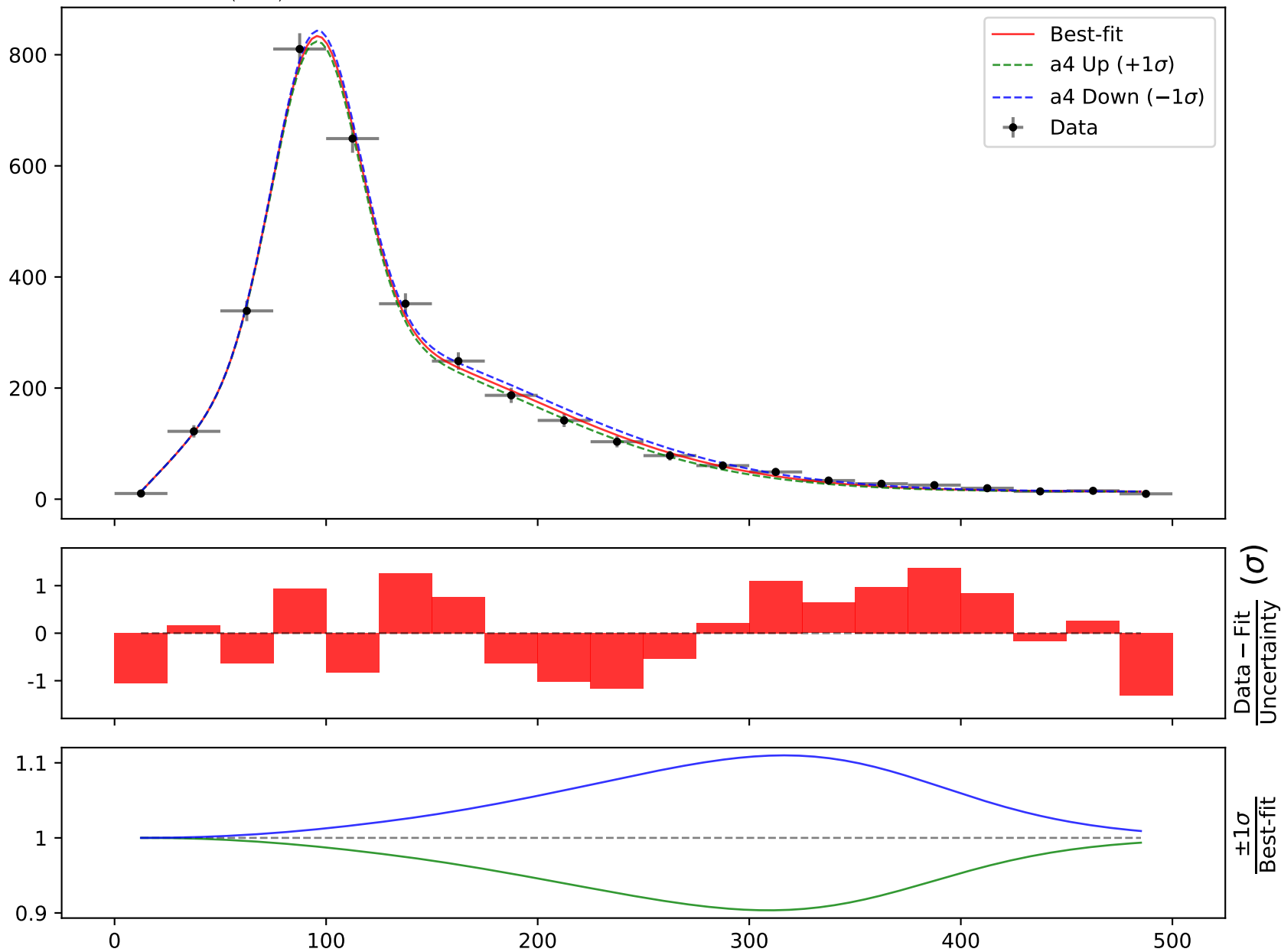
Candidate #30 $\chi^2/\text{NDF} = 15.48/15$, RMSE = 11.39, R2 = 0.9972

$$164.796 \cdot (a_2 + (a_3 + 2 \cdot \text{gauss}((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \tanh(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.91085^{+0.1799(6.18\%)}_{-0.2018(6.93\%)}, \quad a_2 = 0.0817535^{+0.01007(12.3\%)}_{-0.0102(12.5\%)},$$

$$a_3 = 2.52177^{+0.1278(5.07\%)}_{-0.1266(5.02\%)}, \quad \mathbf{a_4 = 2.76347^{+0.06917(2.5\%)}_{-0.06934(2.51\%)},}$$

$$a_5 = 16.2271^{+1.213(7.48\%)}_{-1.09(6.72\%)}$$

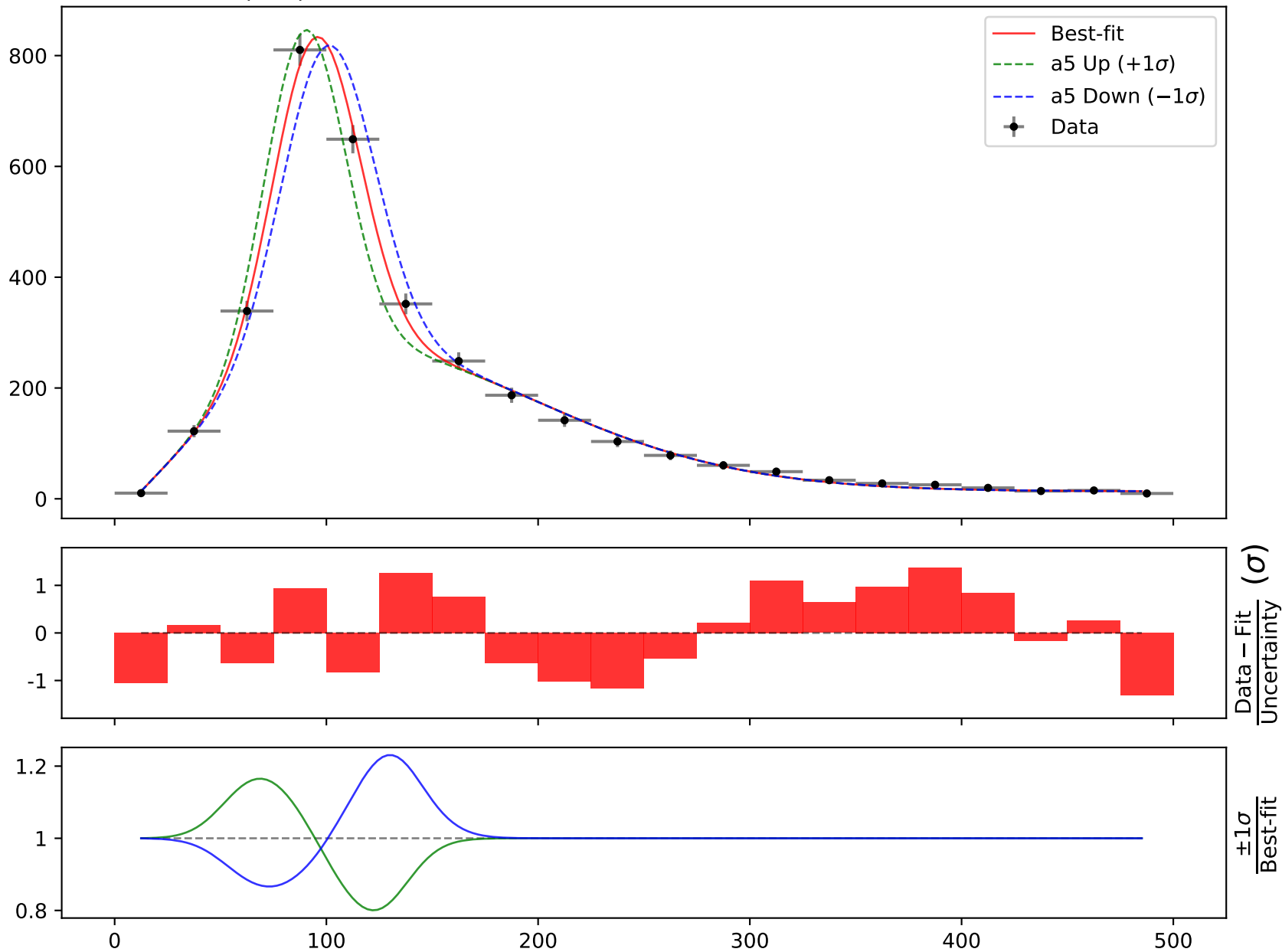
Candidate #30 $\chi^2/\text{NDF} = 15.48/15$, RMSE = 11.39, R2 = 0.9972

$$164.796 \cdot (a_2 + (a_3 + 2 \cdot \text{gauss}((x_0 - 12.5) \cdot 0.00210526))) \cdot (\text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \tanh(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526))$$

$$a_1 = -2.91085^{+0.1799(6.18\%)}_{-0.2018(6.93\%)}, \quad a_2 = 0.0817535^{+0.01007(12.3\%)}_{-0.0102(12.5\%)},$$

$$a_3 = 2.52177^{+0.1278(5.07\%)}_{-0.1266(5.02\%)}, \quad a_4 = 2.76347^{+0.06917(2.5\%)}_{-0.06934(2.51\%)},$$

$$a_5 = 16.2271^{+1.213(7.48\%)}_{-1.09(6.72\%)}$$

Candidate #30 $\chi^2/\text{NDF} = 15.48/15$, RMSE = 11.39, R2 = 0.9972

Candidate function #29

$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

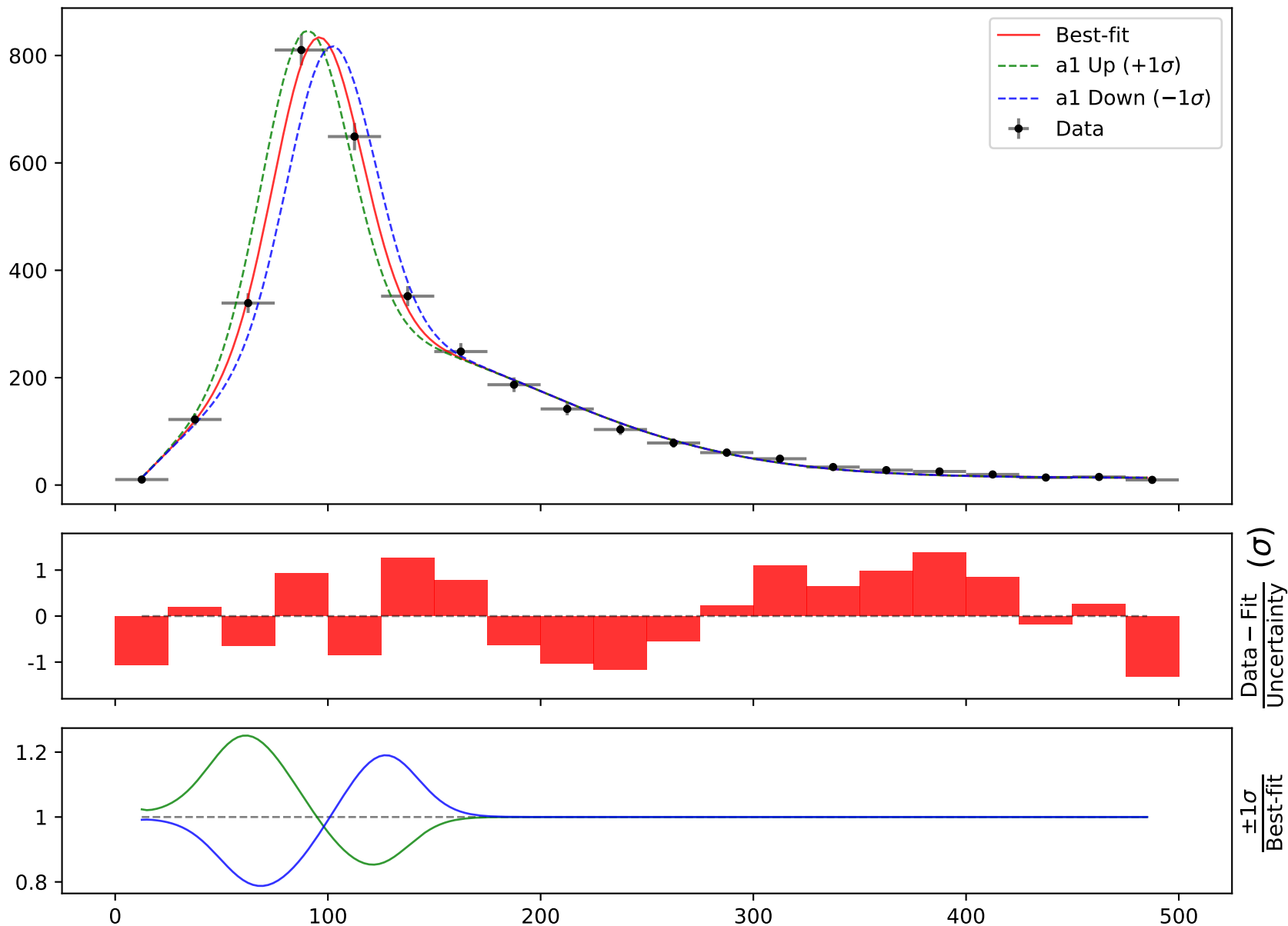
$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, \quad a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$

$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, \quad a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},$$

$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, \quad a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, \text{R2} = 0.9972$$



$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

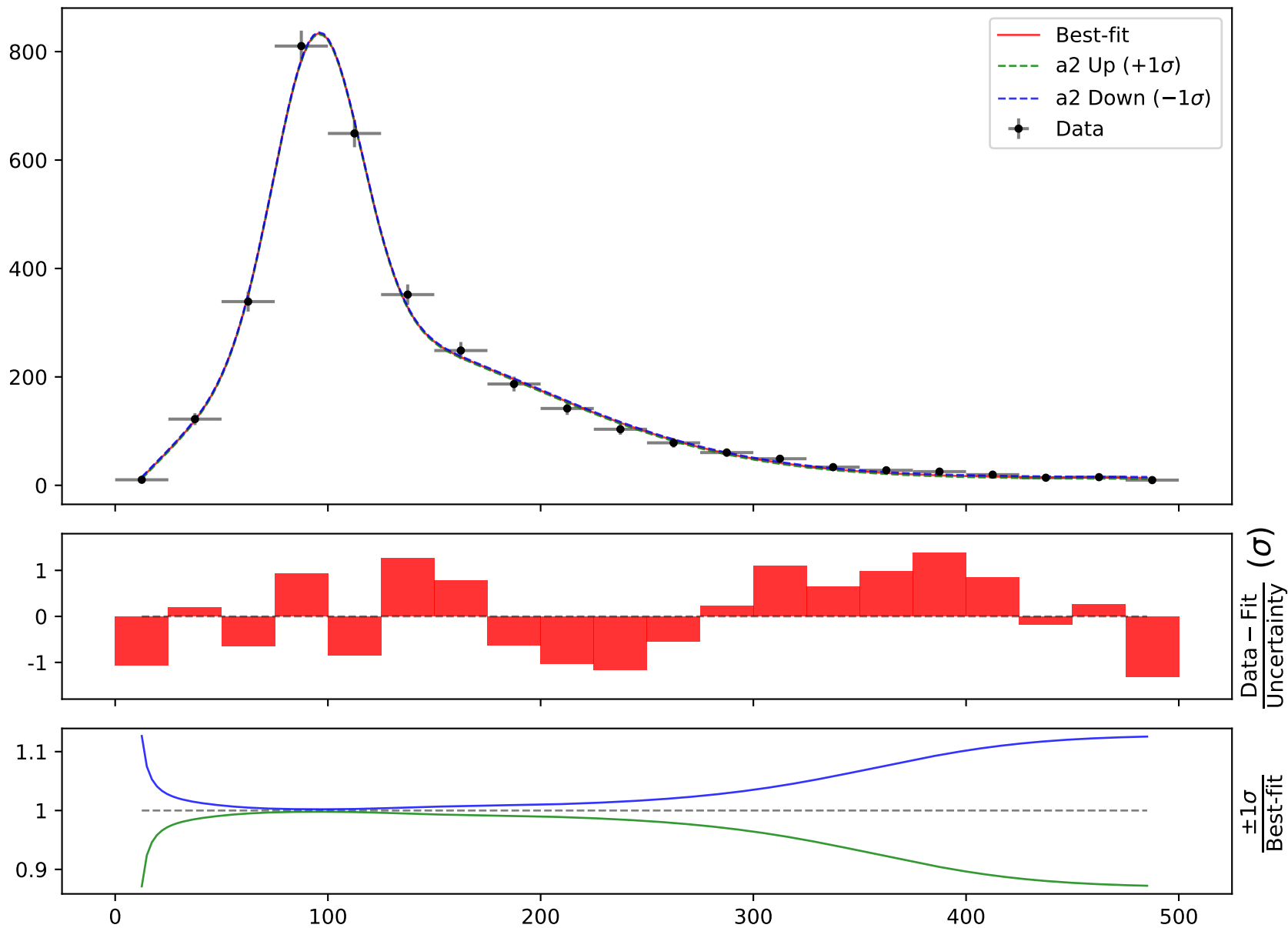
$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, \quad a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$

$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, \quad a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},$$

$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, \quad a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, \text{R2} = 0.9972$$



$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

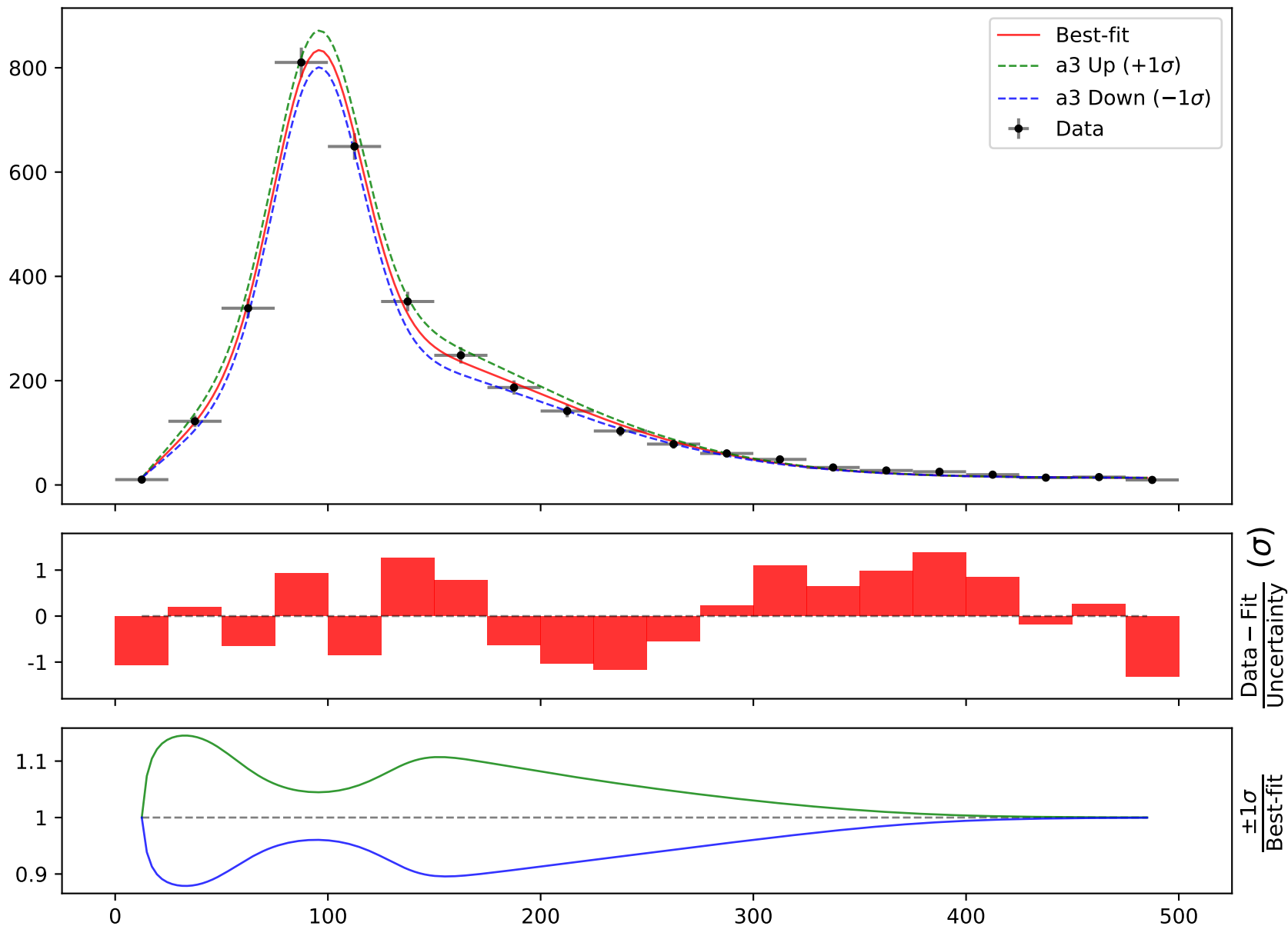
$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$

$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},$$

$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, R2 = 0.9972$$

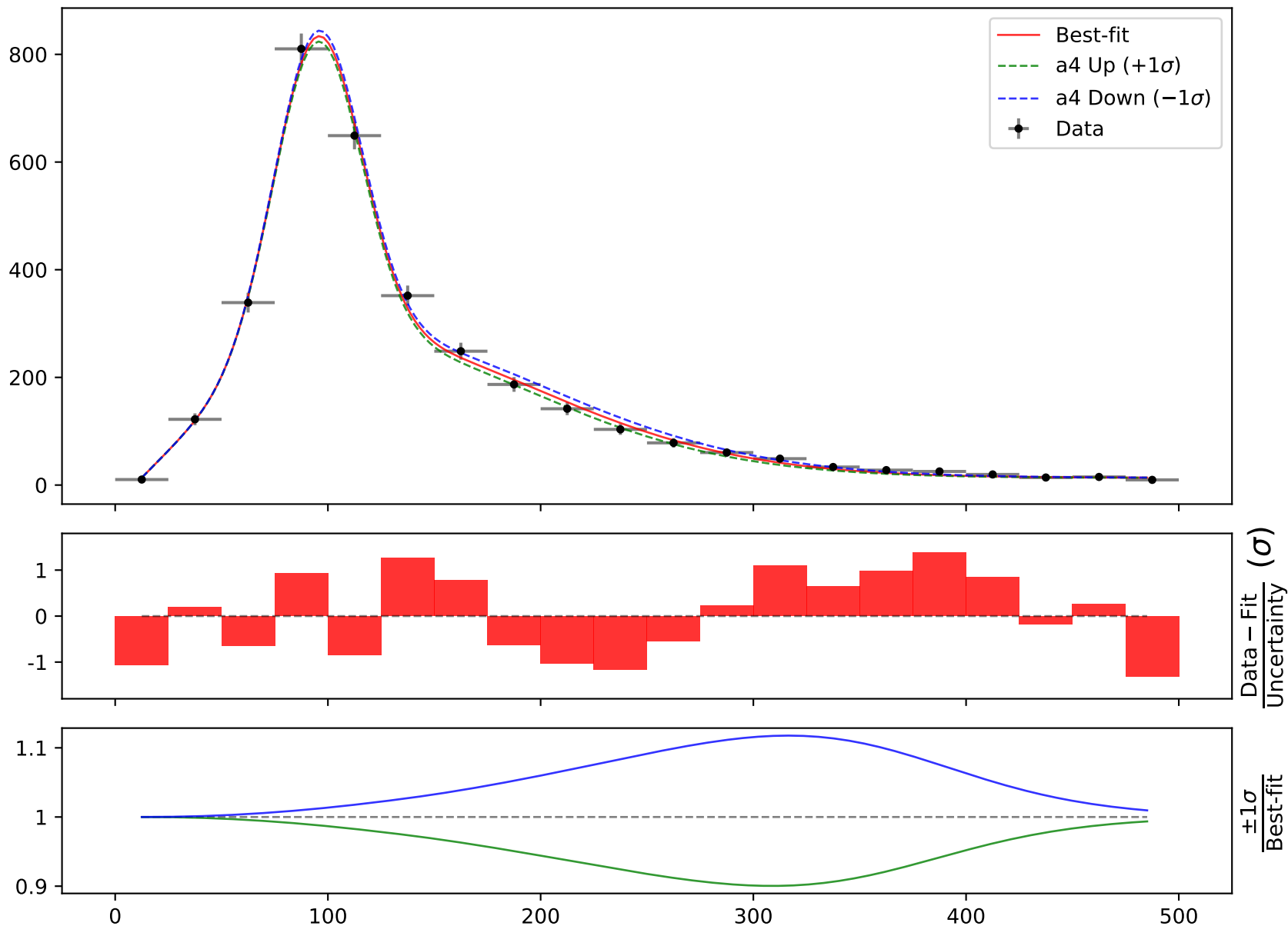


$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$
$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, \mathbf{a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},}$$
$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, \text{R2} = 0.9972$$



$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

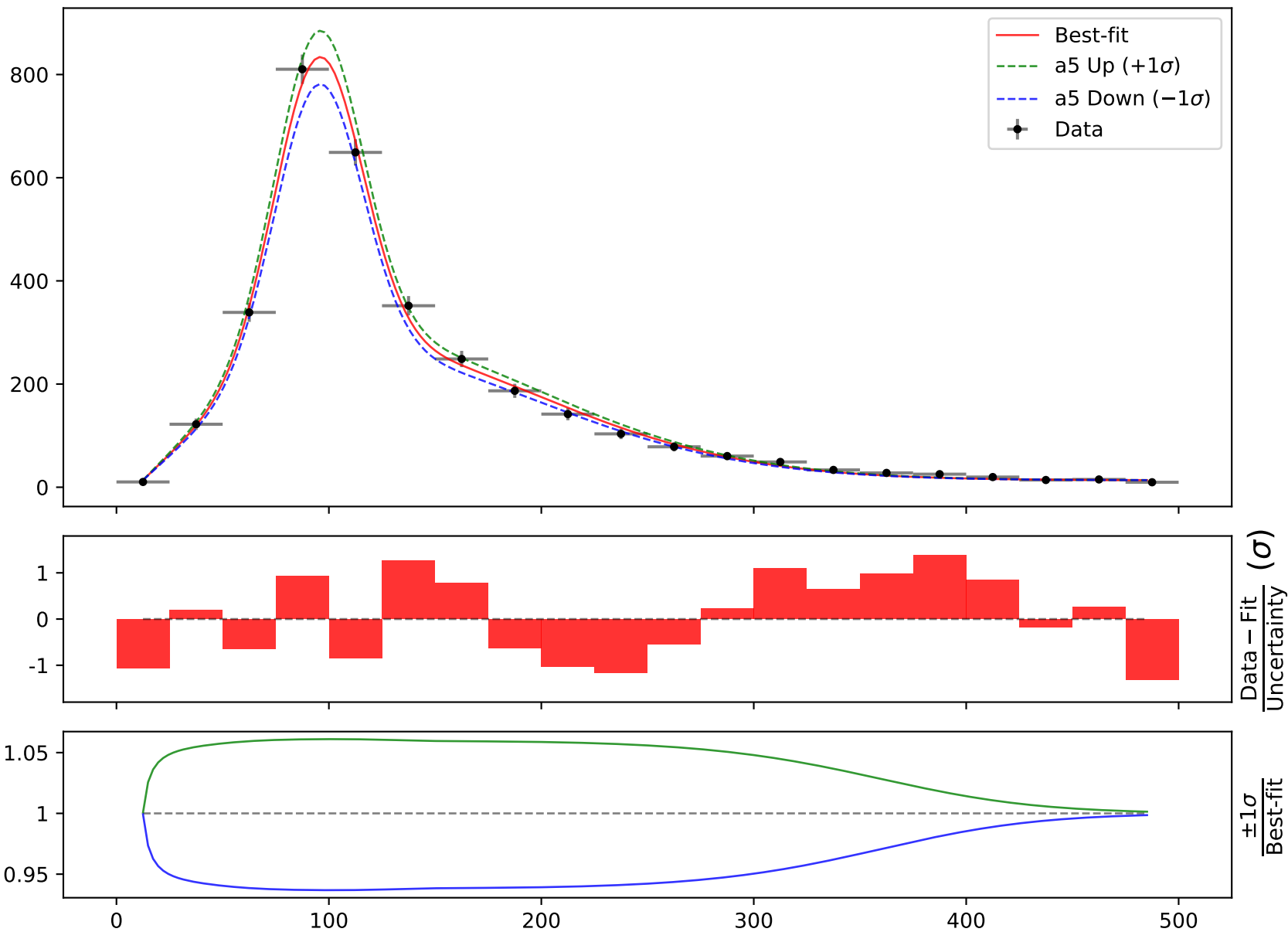
$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, \quad a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$

$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, \quad a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},$$

$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, \quad a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, \text{R2} = 0.9972$$



$$164.796 * ((a5 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

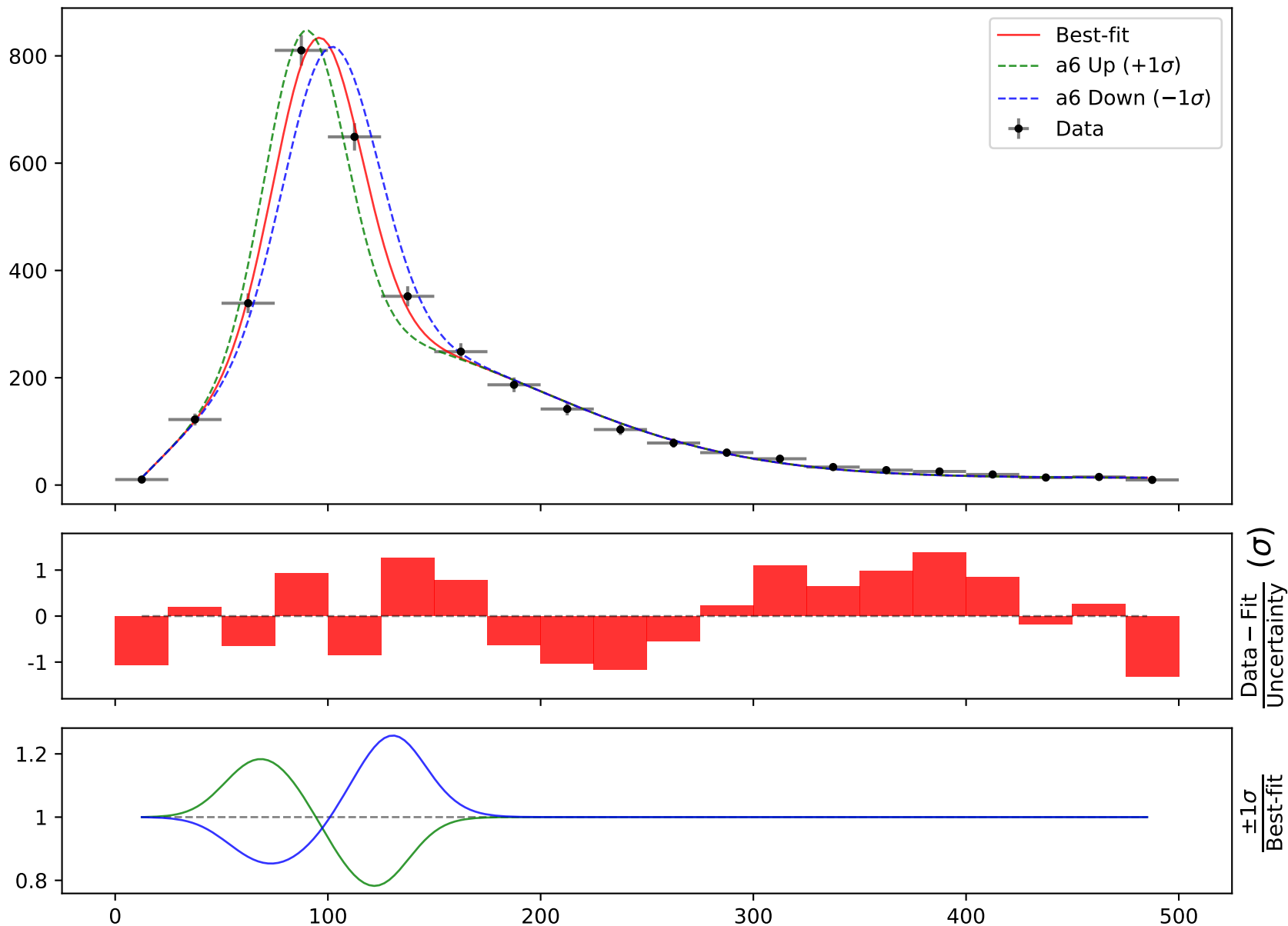
$$a1 = -2.90836^{+0.1976(6.79\%)}_{-0.2226(7.66\%)}, a2 = 1.5819^{+0.04353(2.75\%)}_{-0.03856(2.44\%)},$$

$$a3 = 2.51153^{+0.4572(18.2\%)}_{-0.3798(15.1\%)}, a4 = 2.8009^{+0.0707(2.52\%)}_{-0.07295(2.6\%)},$$

$$a5 = 3.52567^{+0.279(7.91\%)}_{-0.2886(8.19\%)}, \mathbf{a6 = 16.2129^{+1.34(8.27\%)}_{-1.203(7.42\%)}}$$

Candidate #29

$$\chi^2/\text{NDF} = 15.58/14, \text{RMSE} = 11.41, \text{R2} = 0.9972$$



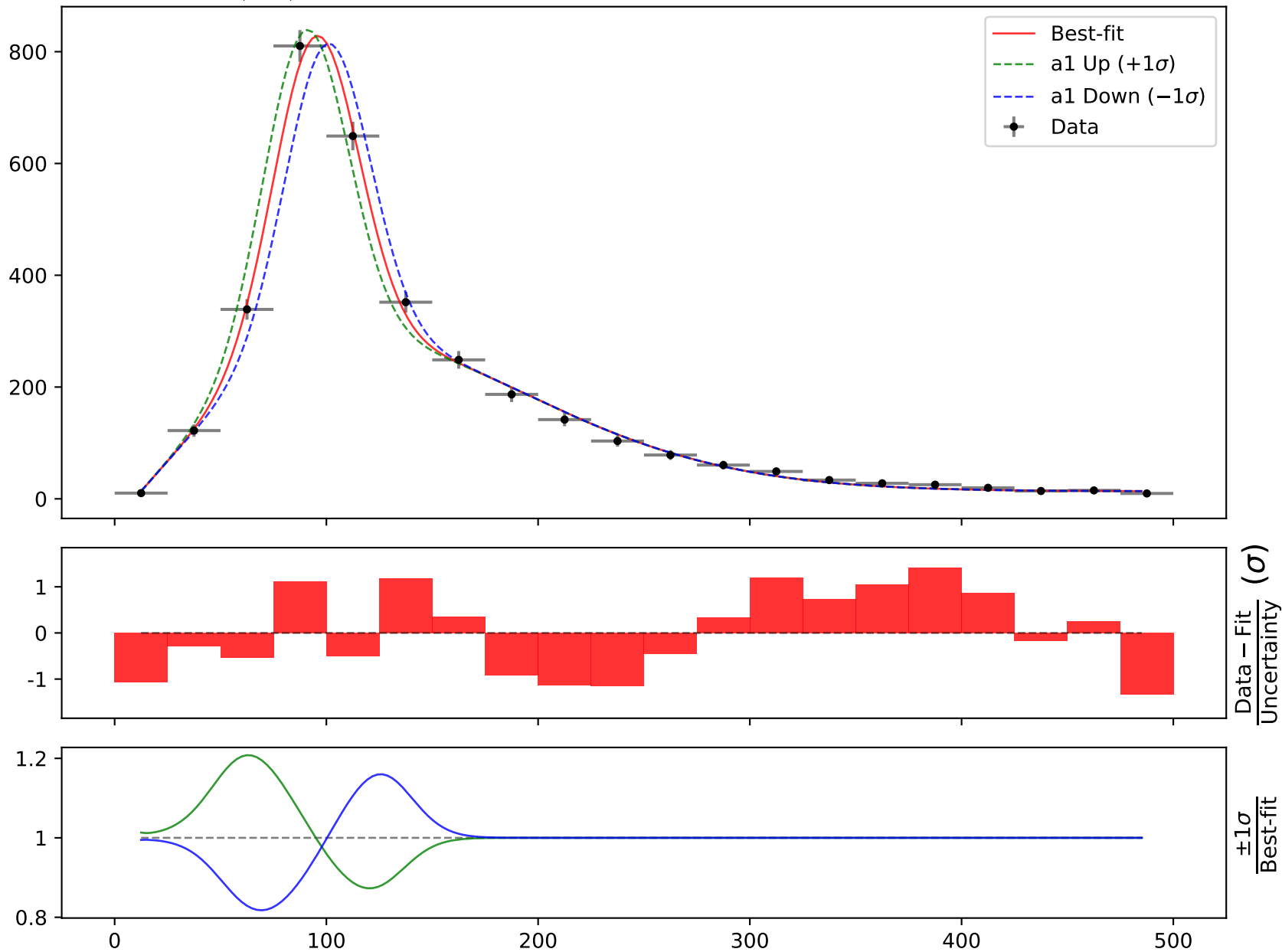
Candidate function #28

$$164.796 \cdot (a_2 + (a_4 + \text{gauss}(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_1 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_3 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -2.97705^{+0.1771(5.95\%)}_{-0.1977(6.64\%)}, \quad a_2 = 0.0822246^{+0.01014(12.3\%)}_{-0.01025(12.5\%)},$$

$$a_3 = 2.80913^{+0.06584(2.34\%)}_{-0.06506(2.32\%)}, \quad a_4 = 3.3692^{+0.1727(5.13\%)}_{-0.1676(4.97\%)},$$

$$a_5 = 16.6323^{+1.182(7.1\%)}_{-1.068(6.42\%)}$$

Candidate #28 $\chi^2/\text{NDF} = 16.13/15$, RMSE = 11.26, R2 = 0.9973

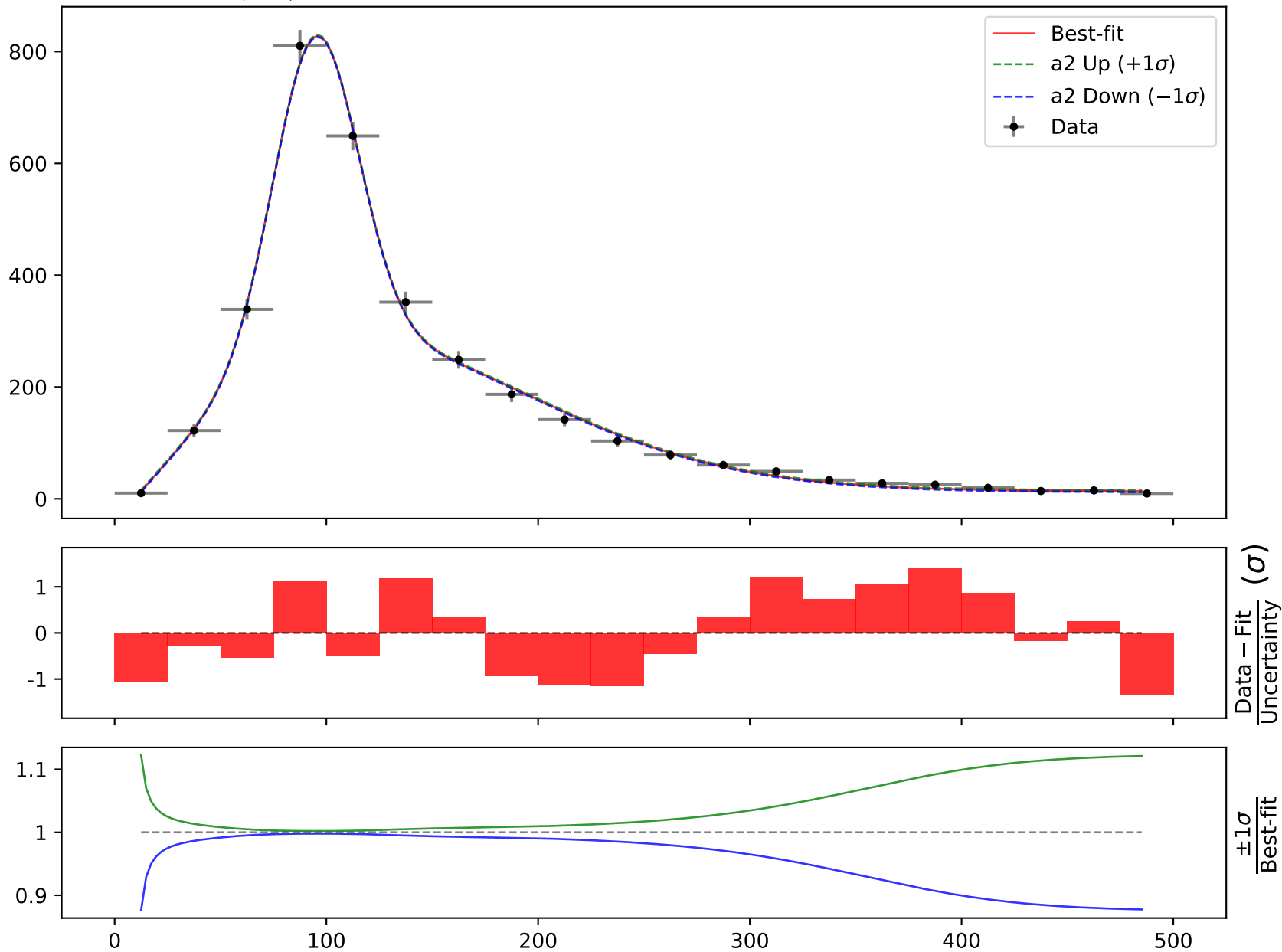
$$164.796 * (a2 + (a4 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a5 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a3 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.97705^{+0.1771(5.95\%)}_{-0.1977(6.64\%)}, \quad a2 = 0.0822246^{+0.01014(12.3\%)}_{-0.01025(12.5\%)},$$

$$a3 = 2.80913^{+0.06584(2.34\%)}_{-0.06506(2.32\%)}, \quad a4 = 3.3692^{+0.1727(5.13\%)}_{-0.1676(4.97\%)},$$

$$a5 = 16.6323^{+1.182(7.1\%)}_{-1.068(6.42\%)}$$

Candidate #28
 $\chi^2/\text{NDF} = 16.13/15$, RMSE = 11.26, R2 = 0.9973

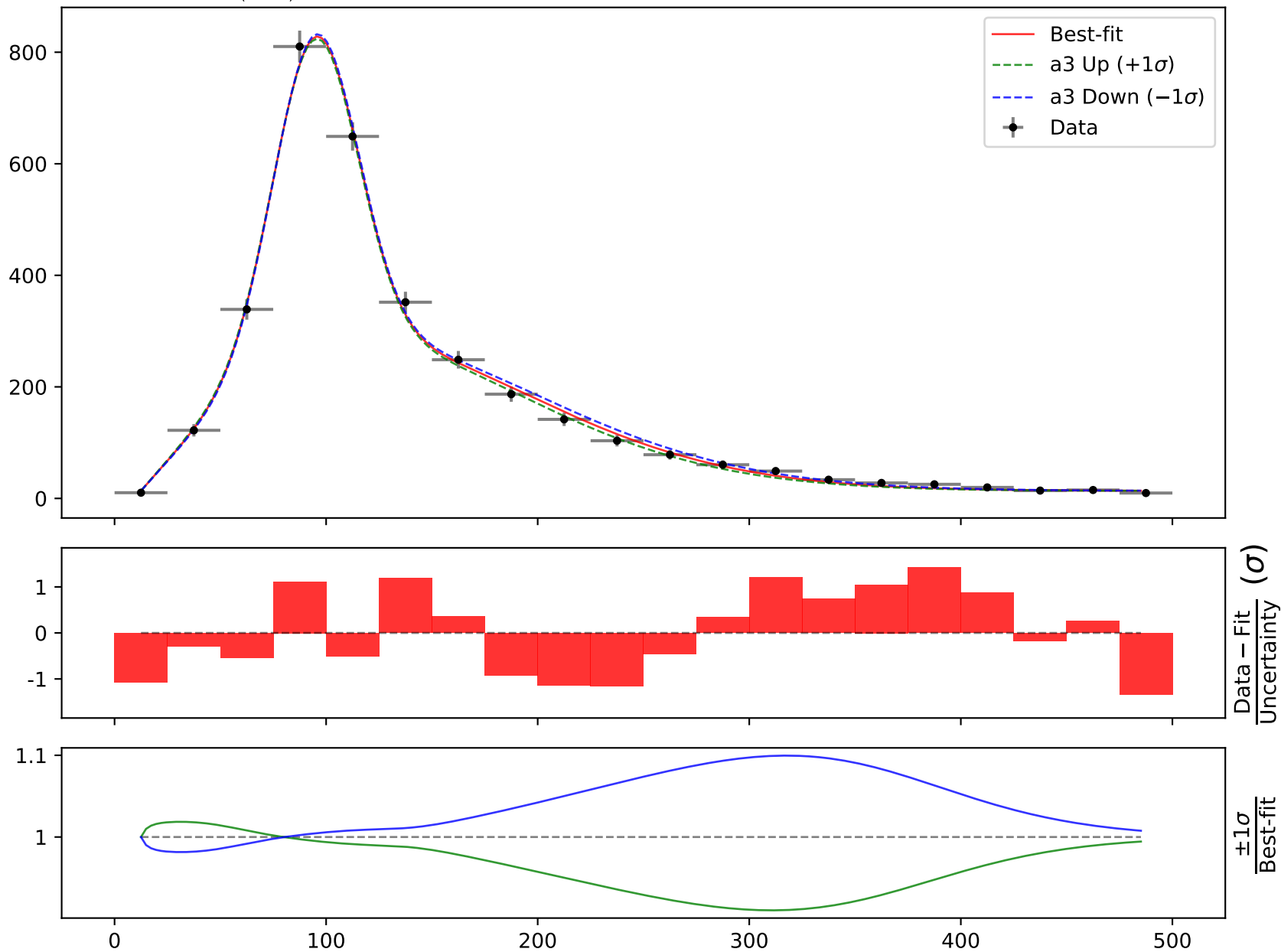


$$164.796 * (a2 + (a4 + \text{gauss}(((x0 - 12.5) * 0.00210526))) * (\text{gauss}(a1 + a5 * ((x0 - 12.5) * 0.00210526)) + \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a3 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.97705^{+0.1771(5.95\%)}_{-0.1977(6.64\%)}, \quad a2 = 0.0822246^{+0.01014(12.3\%)}_{-0.01025(12.5\%)},$$

$$a3 = 2.80913^{+0.06584(2.34\%)}_{-0.06506(2.32\%)}, \quad a4 = 3.3692^{+0.1727(5.13\%)}_{-0.1676(4.97\%)},$$

$$a5 = 16.6323^{+1.182(7.1\%)}_{-1.068(6.42\%)}$$

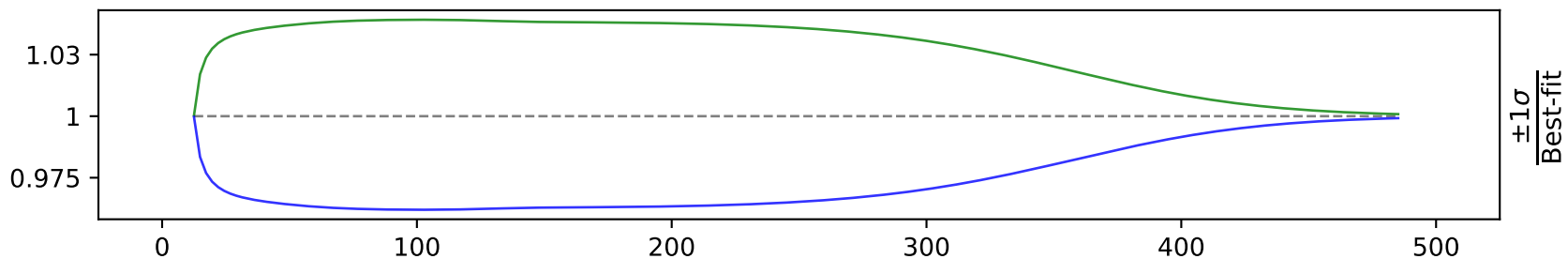
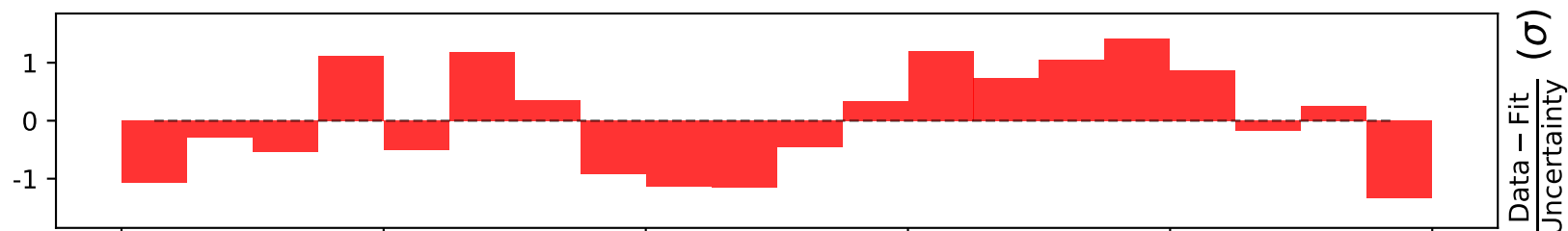
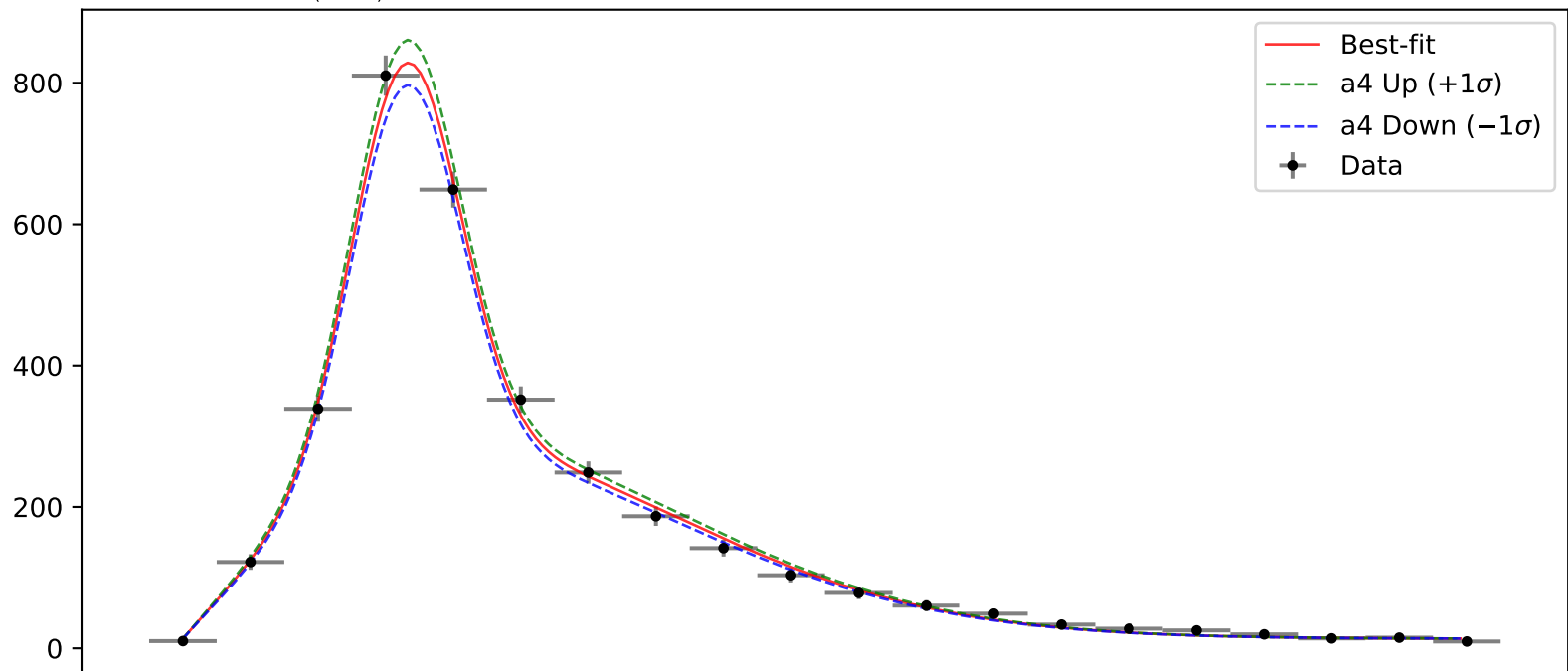
Candidate #28 $\chi^2/\text{NDF} = 16.13/15$, RMSE = 11.26, R2 = 0.9973

$$164.796 \cdot (a_2 + (a_4 + \text{gauss}(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_1 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_3 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -2.97705^{+0.1771(5.95\%)}_{-0.1977(6.64\%)}, \quad a_2 = 0.0822246^{+0.01014(12.3\%)}_{-0.01025(12.5\%)},$$

$$a_3 = 2.80913^{+0.06584(2.34\%)}_{-0.06506(2.32\%)}, \quad a_4 = 3.3692^{+0.1727(5.13\%)}_{-0.1676(4.97\%)},$$

$$a_5 = 16.6323^{+1.182(7.1\%)}_{-1.068(6.42\%)}$$

Candidate #28 $\chi^2/\text{NDF} = 16.13/15$, RMSE = 11.26, R2 = 0.9973

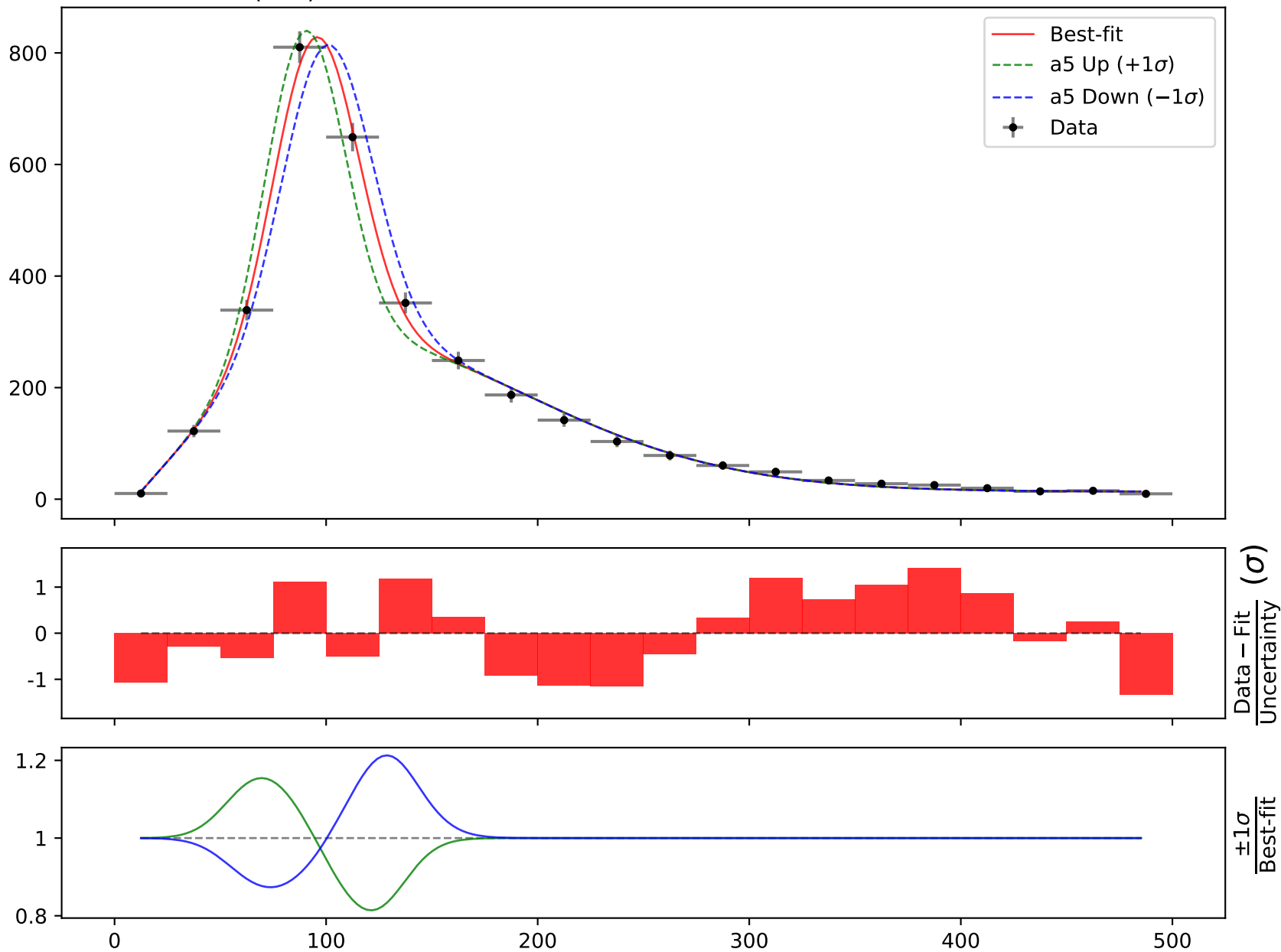
$$164.796 \cdot (a_2 + (a_4 + \text{gauss}(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_1 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_3 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -2.97705^{+0.1771(5.95\%)}_{-0.1977(6.64\%)}, \quad a_2 = 0.0822246^{+0.01014(12.3\%)}_{-0.01025(12.5\%)},$$

$$a_3 = 2.80913^{+0.06584(2.34\%)}_{-0.06506(2.32\%)}, \quad a_4 = 3.3692^{+0.1727(5.13\%)}_{-0.1676(4.97\%)},$$

$$a_5 = 16.6323^{+1.182(7.1\%)}_{-1.068(6.42\%)}$$

Candidate #28
 $\chi^2/\text{NDF} = 16.13/15$, RMSE = 11.26, R2 = 0.9973



Candidate function #27

$$164.796 * ((a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

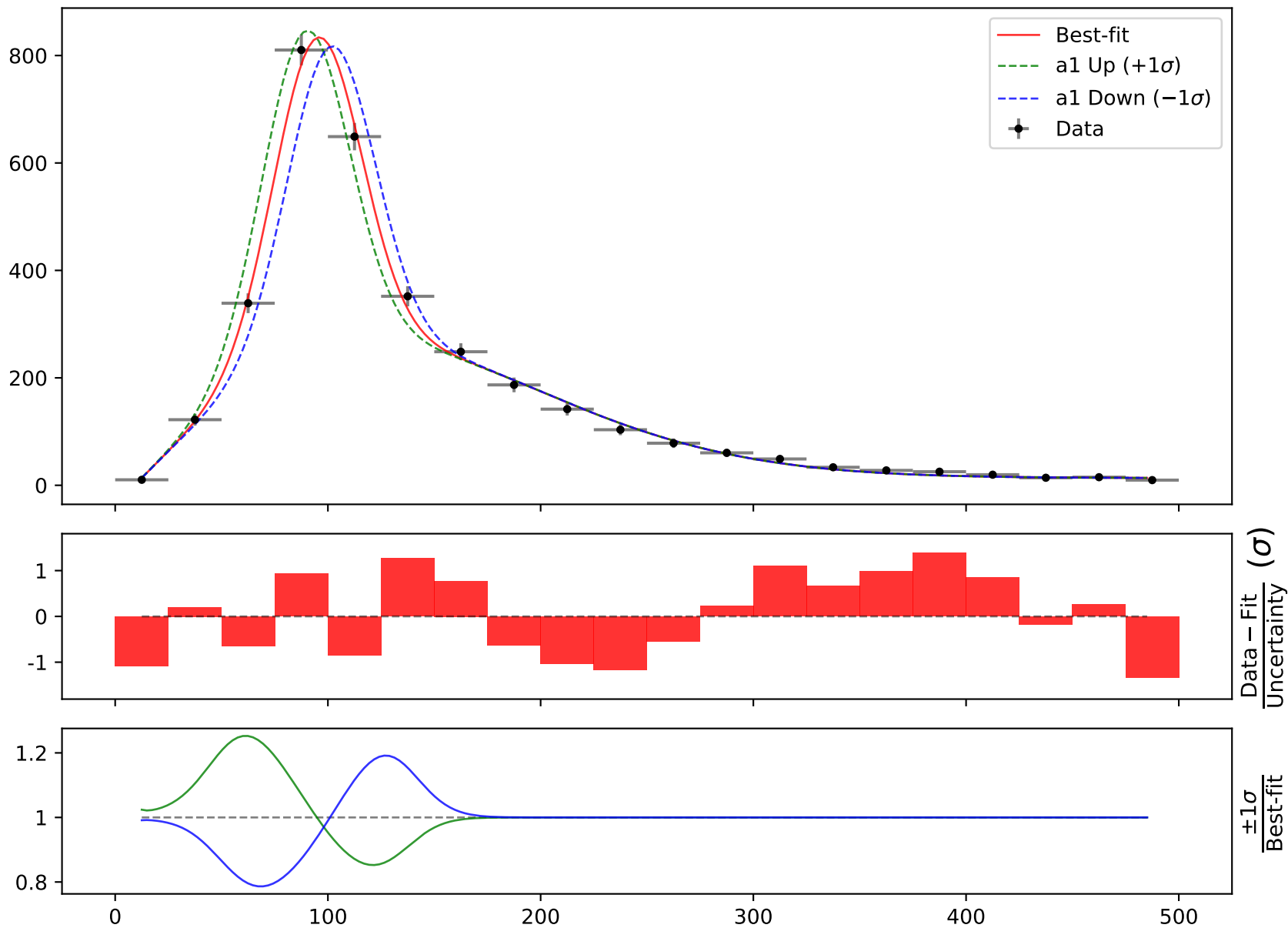
$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #27

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R2} = 0.9972$$



$$164.796 * ((a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

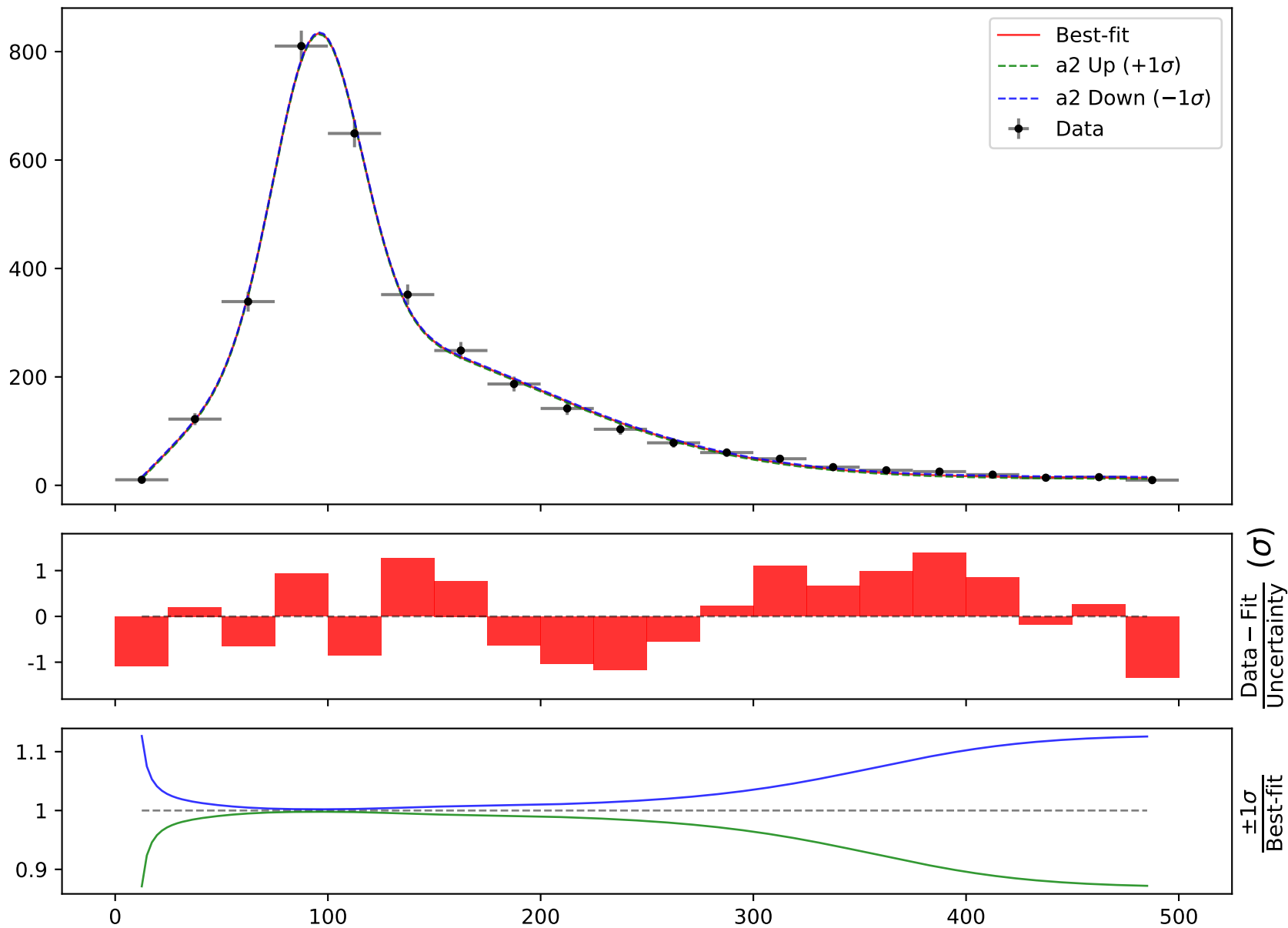
$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #27

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R}^2 = 0.9972$$



$$164.796 * ((a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

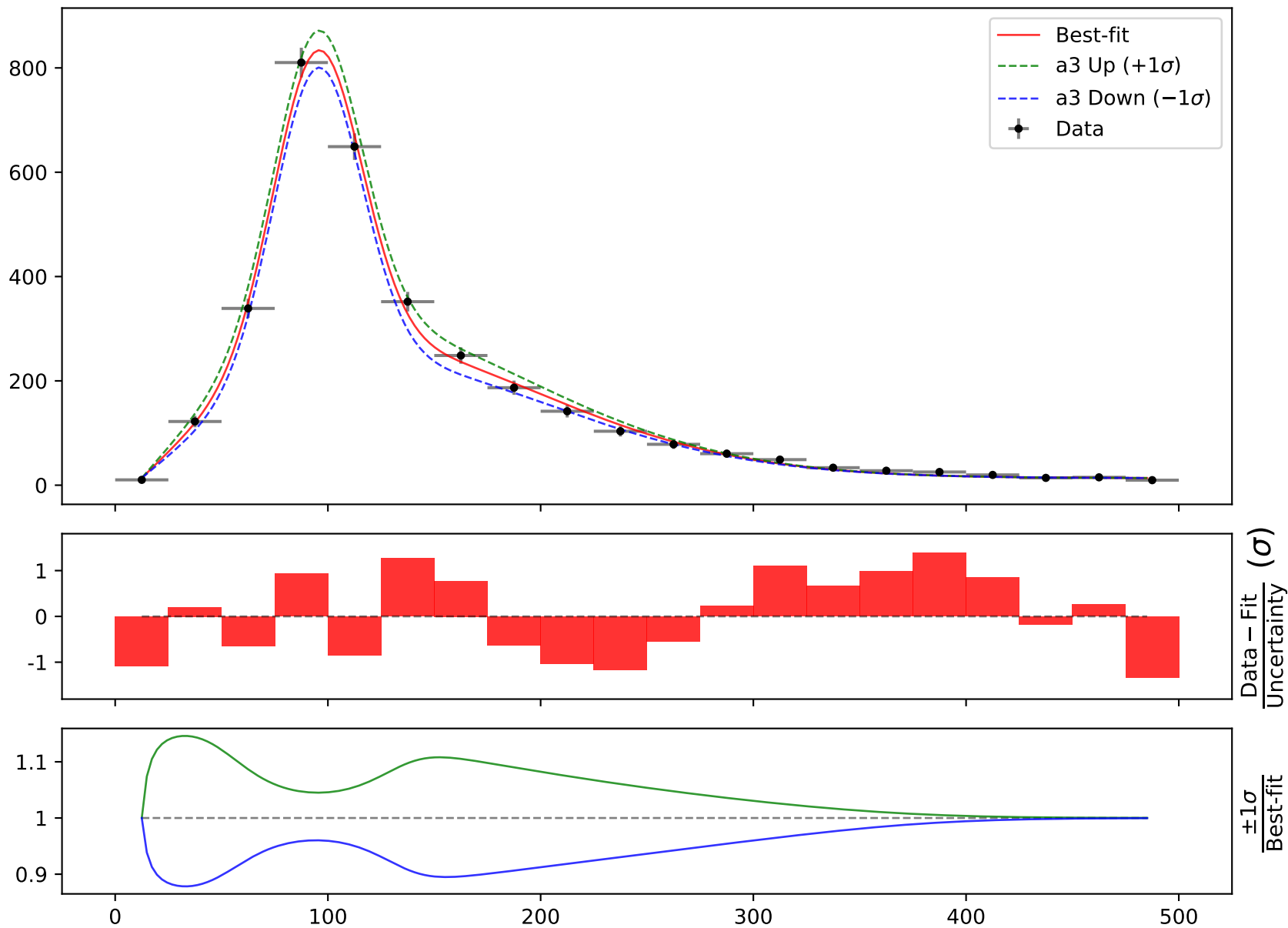
$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$\mathbf{a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #27

$$\chi^2/\text{NDF} = 15.74/14, \text{ RMSE} = 11.43, \text{ R}^2 = 0.9972$$



$$164.796 * ((a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

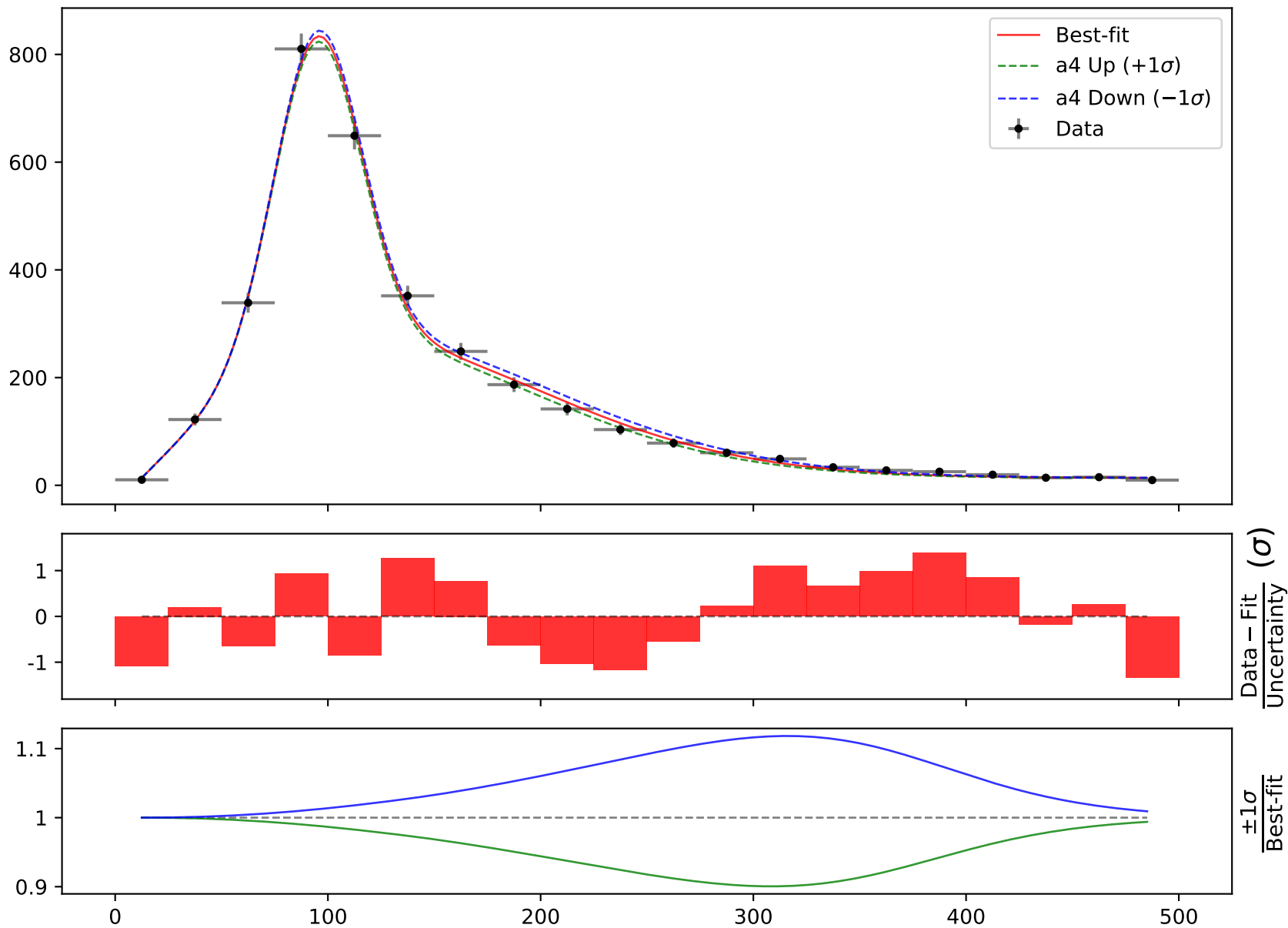
$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad \mathbf{a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},}$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #27

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R2} = 0.9972$$

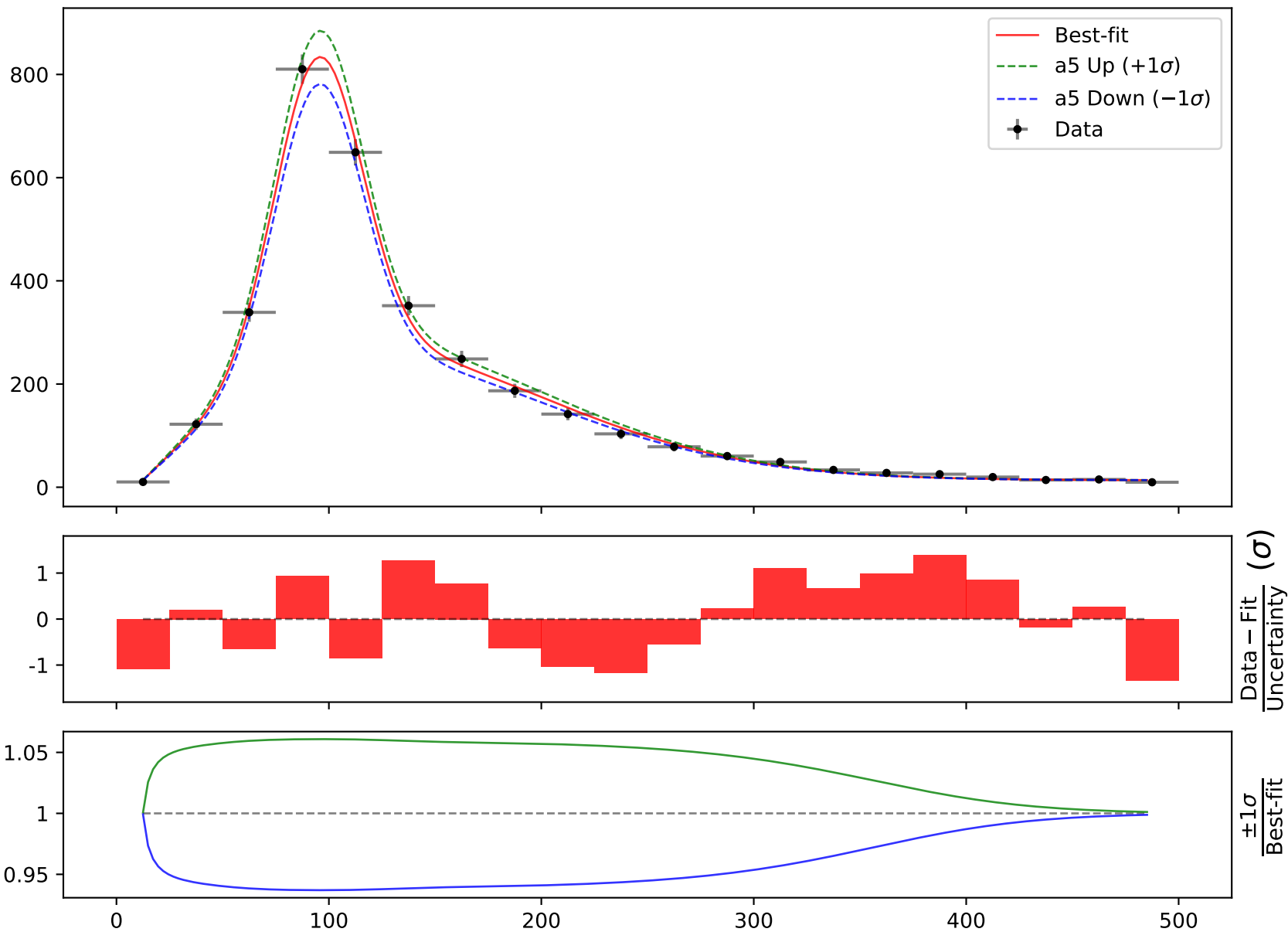


$$164.796*((a5*\text{gauss}(a1 + a6*((x0 - 12.5) * 0.00210526)) + a5*\text{tanh}(a3*((x0 - 12.5) * 0.00210526)))*\text{gauss}(a4*((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

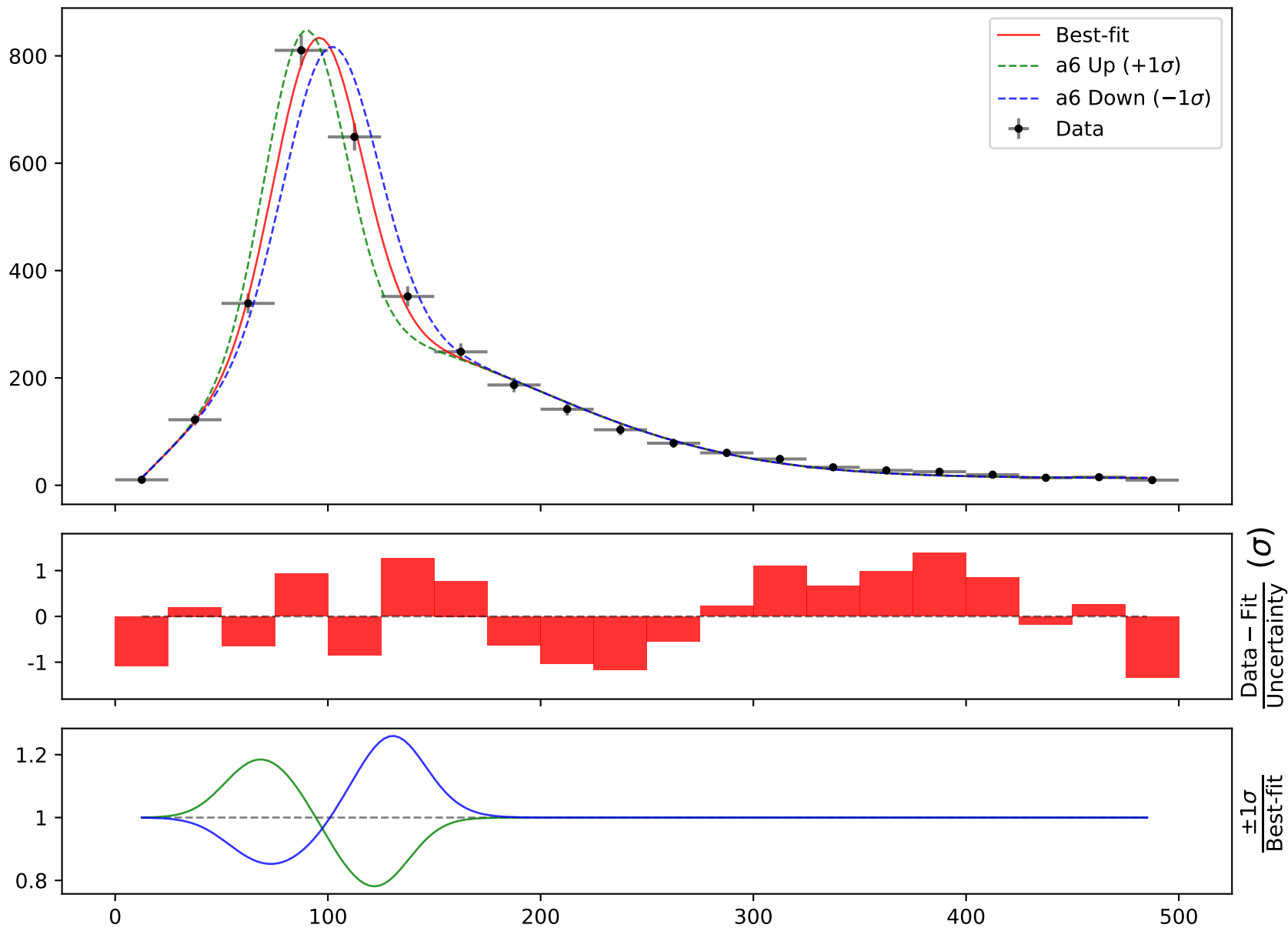
Candidate #27 $\chi^2/\text{NDF} = 15.74/14$, RMSE = 11.43, R2 = 0.9972

$$164.796 * ((a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2))$$

$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 1.58098^{+0.04359(2.76\%)}_{-0.03862(2.44\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad \mathbf{a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}}$$

Candidate #27 $\chi^2/\text{NDF} = 15.74/14$, RMSE = 11.43, R2 = 0.9972

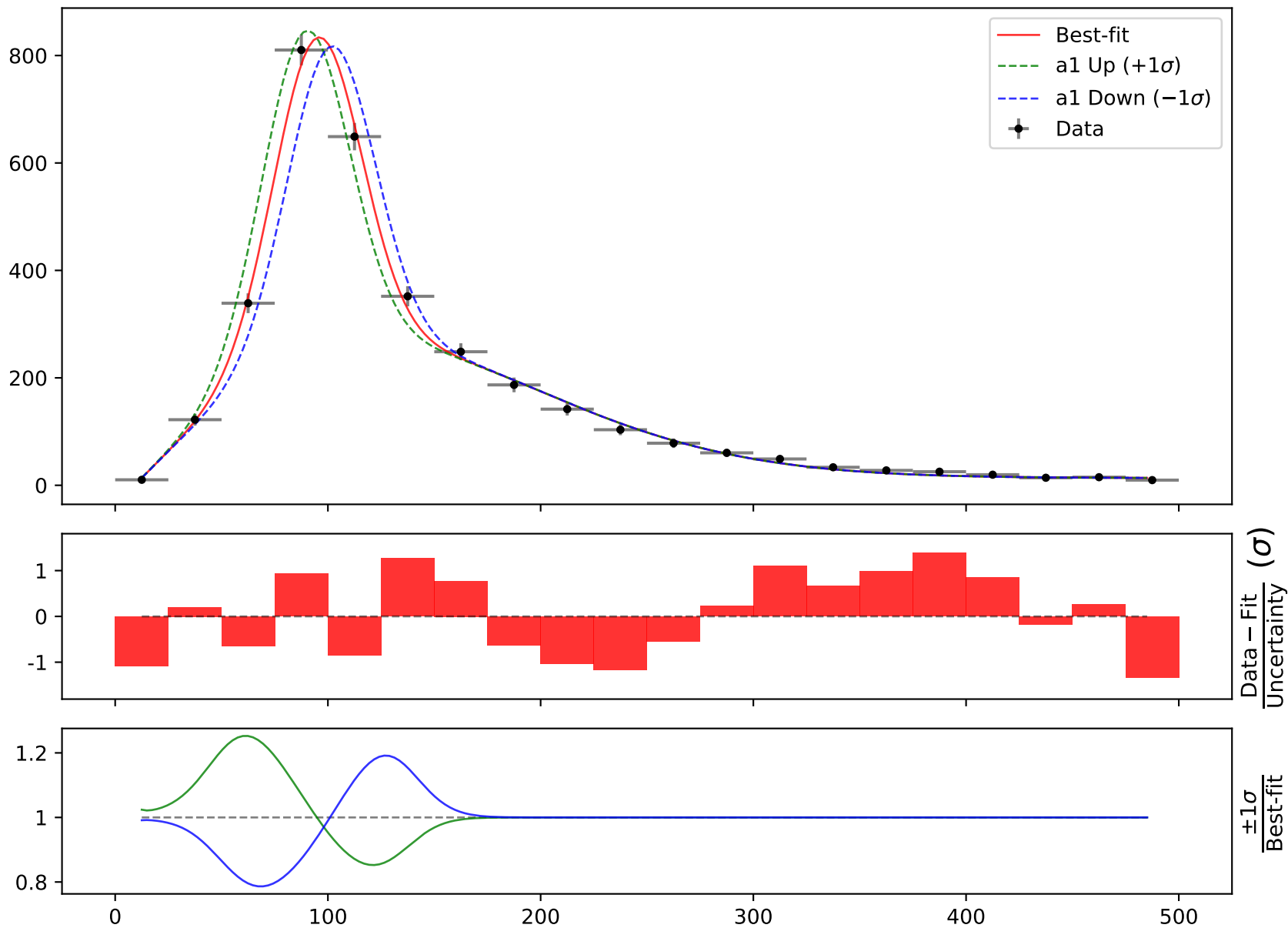
Candidate function #26

$$164.796 * (a2 + (a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)))$$

$$\begin{aligned} a1 &= -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)}, \\ a3 &= 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)}, \\ a5 &= 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)} \end{aligned}$$

Candidate #26

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R}^2 = 0.9972$$

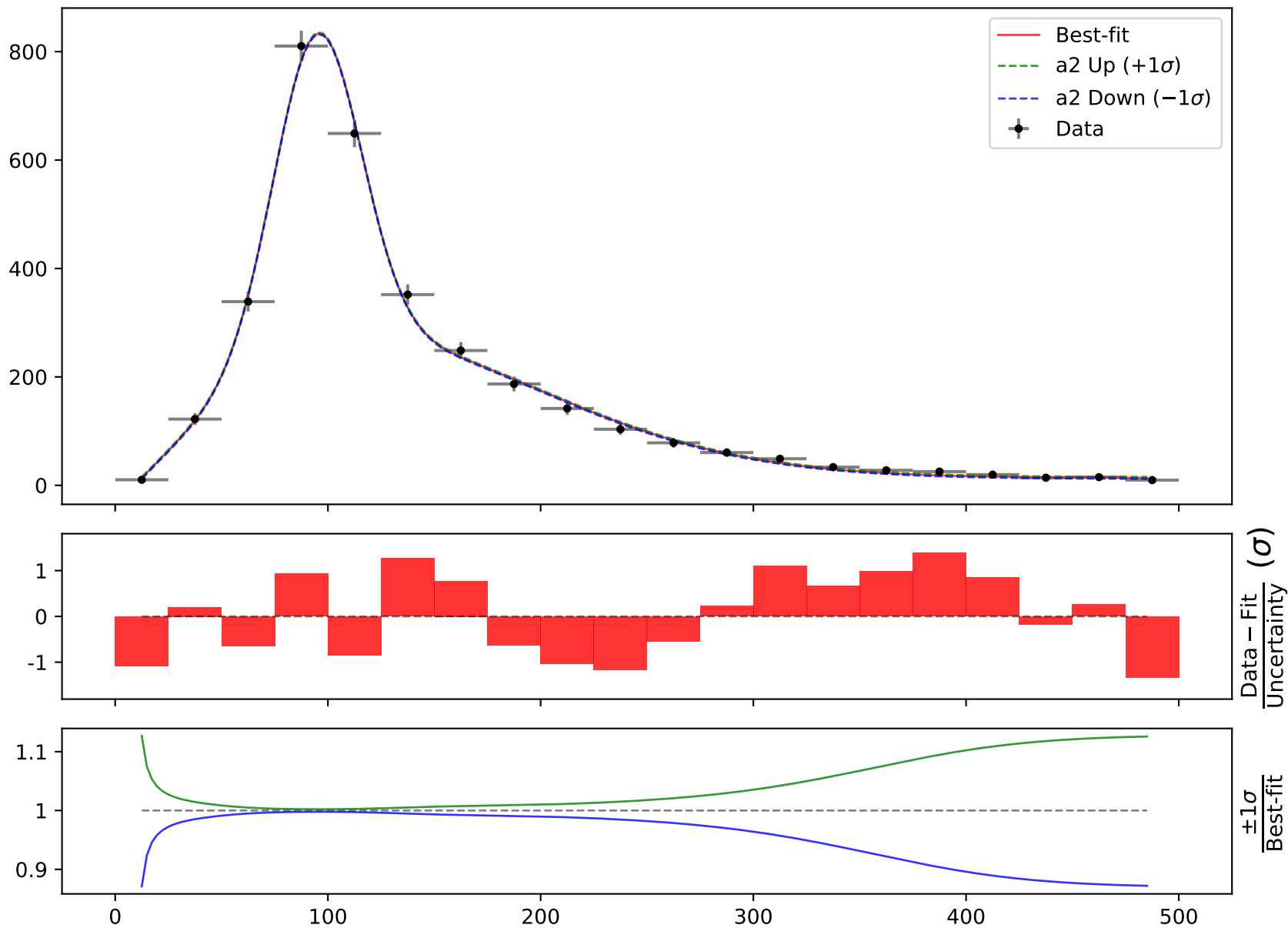


$$164.796 * (a2 + (a5 * \text{gauss}(a1 + a6 * ((x0 - 12.5) * 0.00210526)) + a5 * \tanh(a3 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a4 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)},$$

$$a3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #26 $\chi^2/\text{NDF} = 15.74/14$, RMSE = 11.43, R2 = 0.9972

$$164.796 * (a_2 + (a_5 * \text{gauss}(a_1 + a_6 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_4 * ((x_0 - 12.5) * 0.00210526)))$$

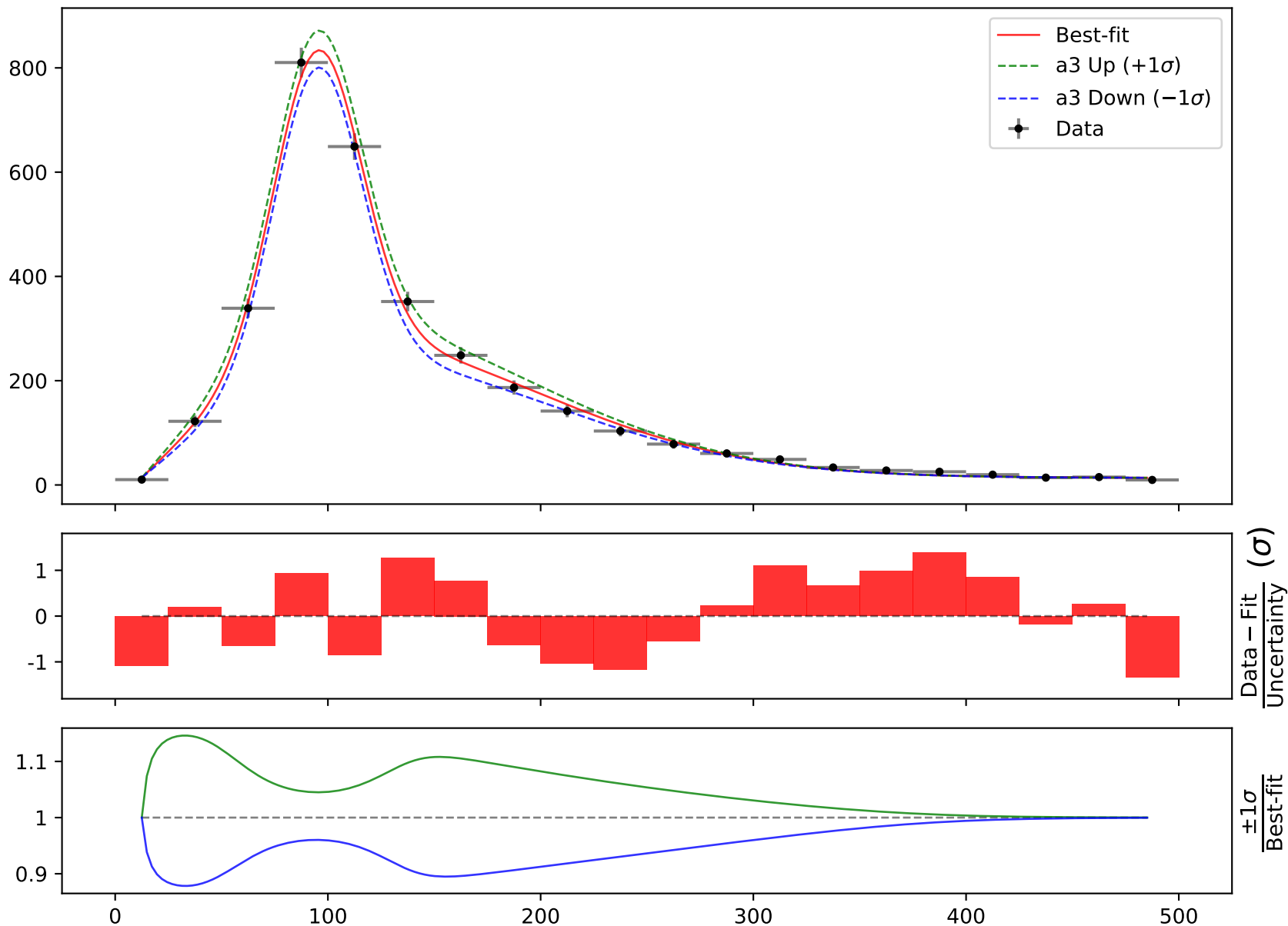
$$a_1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a_2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)},$$

$$\mathbf{a_3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a_4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},}$$

$$a_5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a_6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #26

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R}^2 = 0.9972$$



$$164.796 * (a_2 + (a_5 * \text{gauss}(a_1 + a_6 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_4 * ((x_0 - 12.5) * 0.00210526)))$$

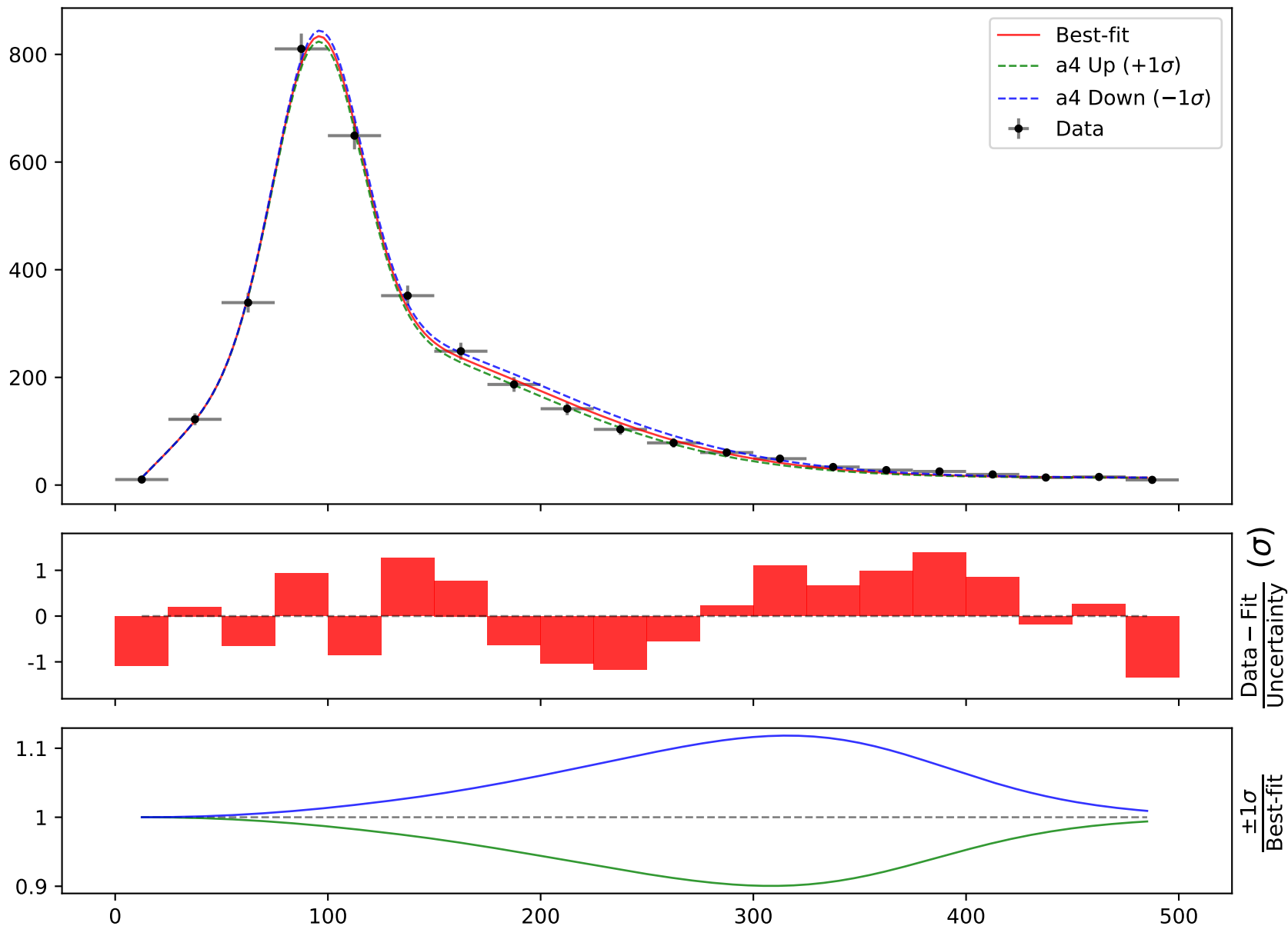
$$a_1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a_2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)},$$

$$a_3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad \mathbf{a_4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},}$$

$$a_5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a_6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #26

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R}^2 = 0.9972$$



$$164.796 \cdot (a_2 + (a_5 \cdot \text{gauss}(a_1 + a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_5 \cdot \tanh(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

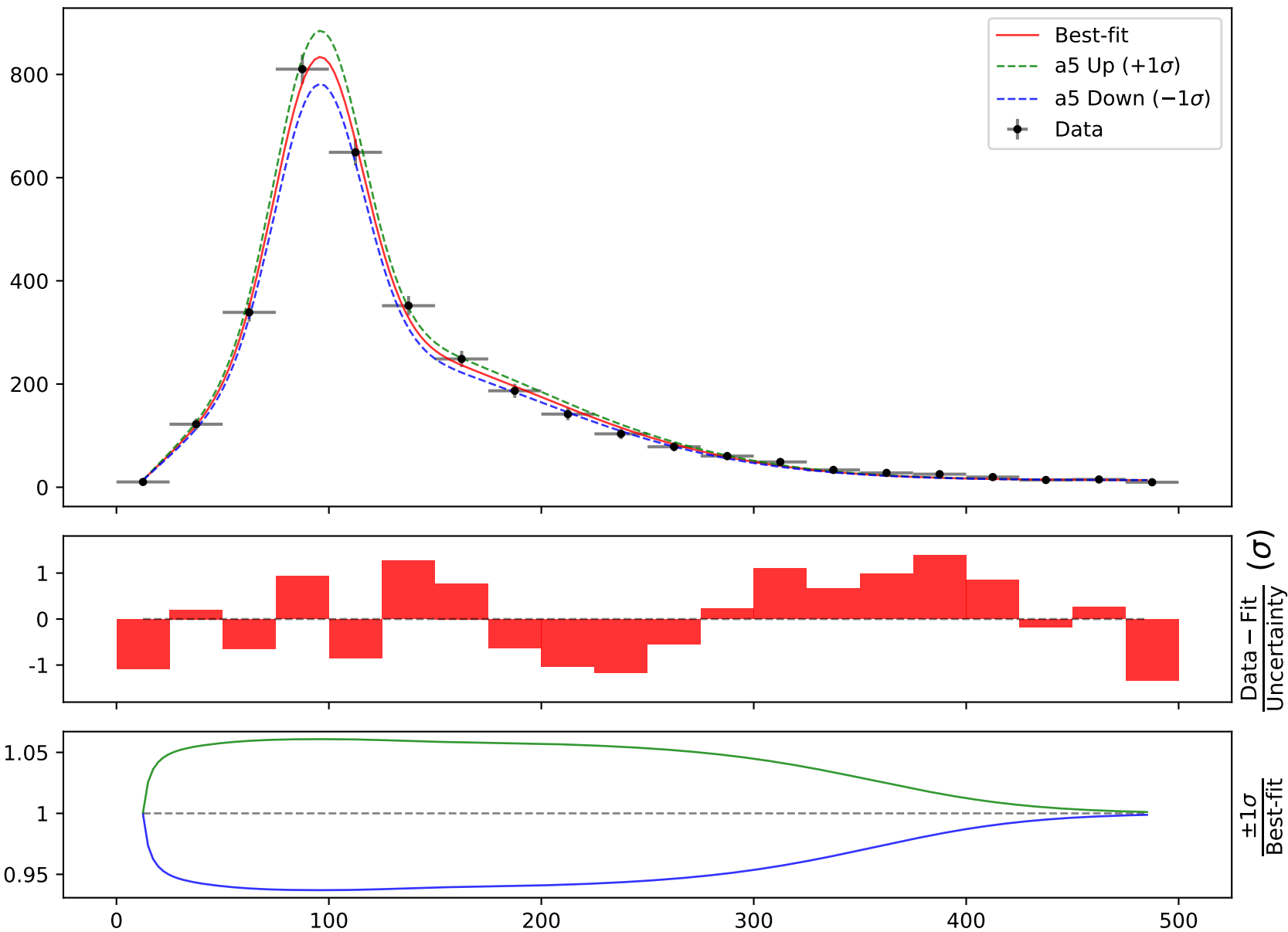
$$a_1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a_2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)},$$

$$a_3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a_4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a_5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad a_6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}$$

Candidate #26

$$\chi^2/\text{NDF} = 15.74/14, \text{ RMSE} = 11.43, \text{ R}^2 = 0.9972$$



$$164.796 * (a_2 + (a_5 * \text{gauss}(a_1 + a_6 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \tanh(a_3 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_4 * ((x_0 - 12.5) * 0.00210526)))$$

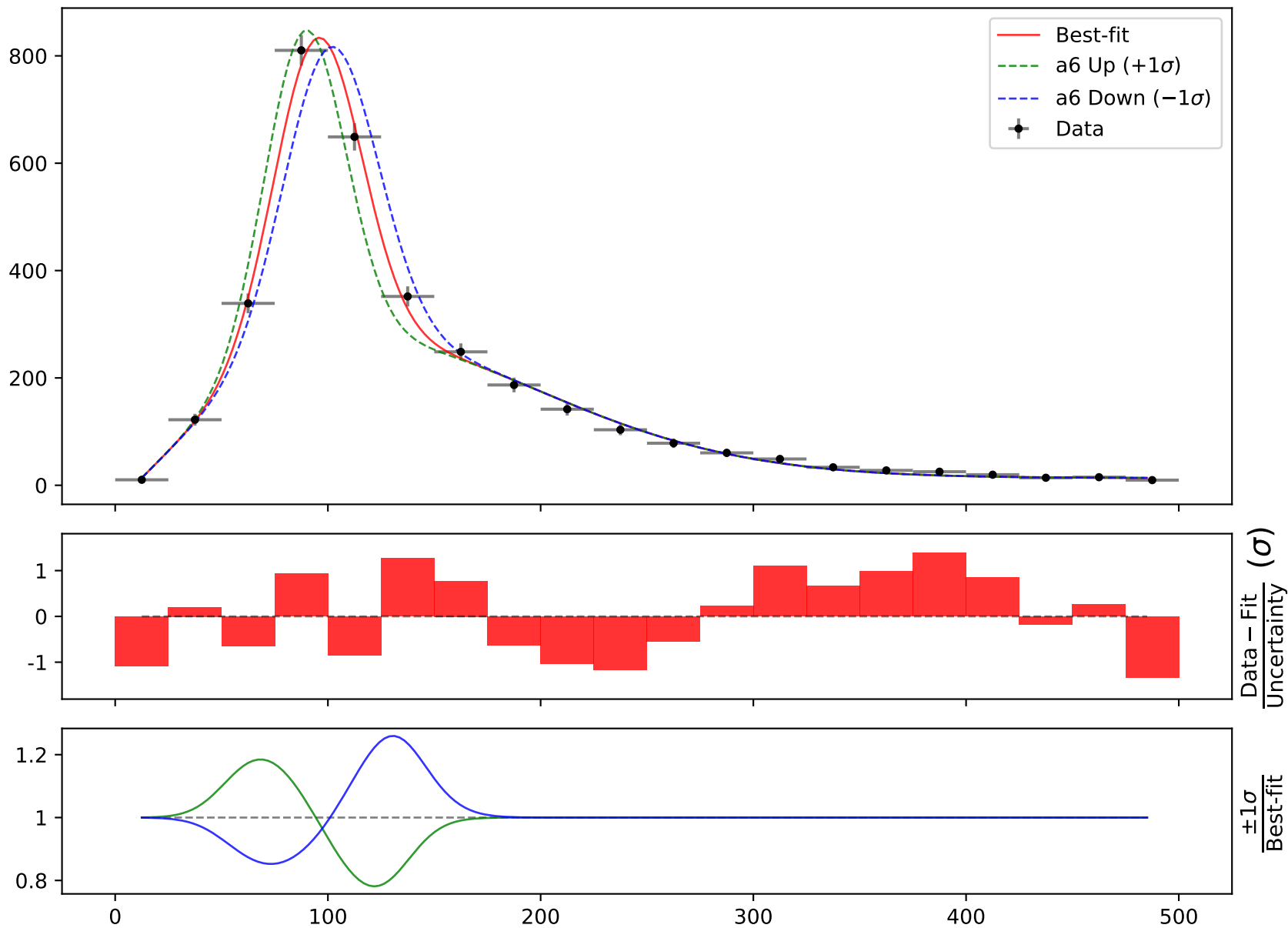
$$a_1 = -2.9061^{+0.1984(6.83\%)}_{-0.2238(7.7\%)}, \quad a_2 = 0.0821272^{+0.01053(12.8\%)}_{-0.01071(13.0\%)},$$

$$a_3 = 2.5045^{+0.4592(18.3\%)}_{-0.3811(15.2\%)}, \quad a_4 = 2.83588^{+0.06991(2.47\%)}_{-0.07257(2.56\%)},$$

$$a_5 = 4.52553^{+0.28(6.19\%)}_{-0.2897(6.4\%)}, \quad \mathbf{a_6 = 16.2013^{+1.347(8.32\%)}_{-1.208(7.46\%)}}$$

Candidate #26

$$\chi^2/\text{NDF} = 15.74/14, \text{RMSE} = 11.43, \text{R}^2 = 0.9972$$



Candidate function #25

$$164.796 * (a_3 + (a_4 * ((x_0 - 12.5) * 0.00210526) + a_4 * \text{gauss}(a_2 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)))$$

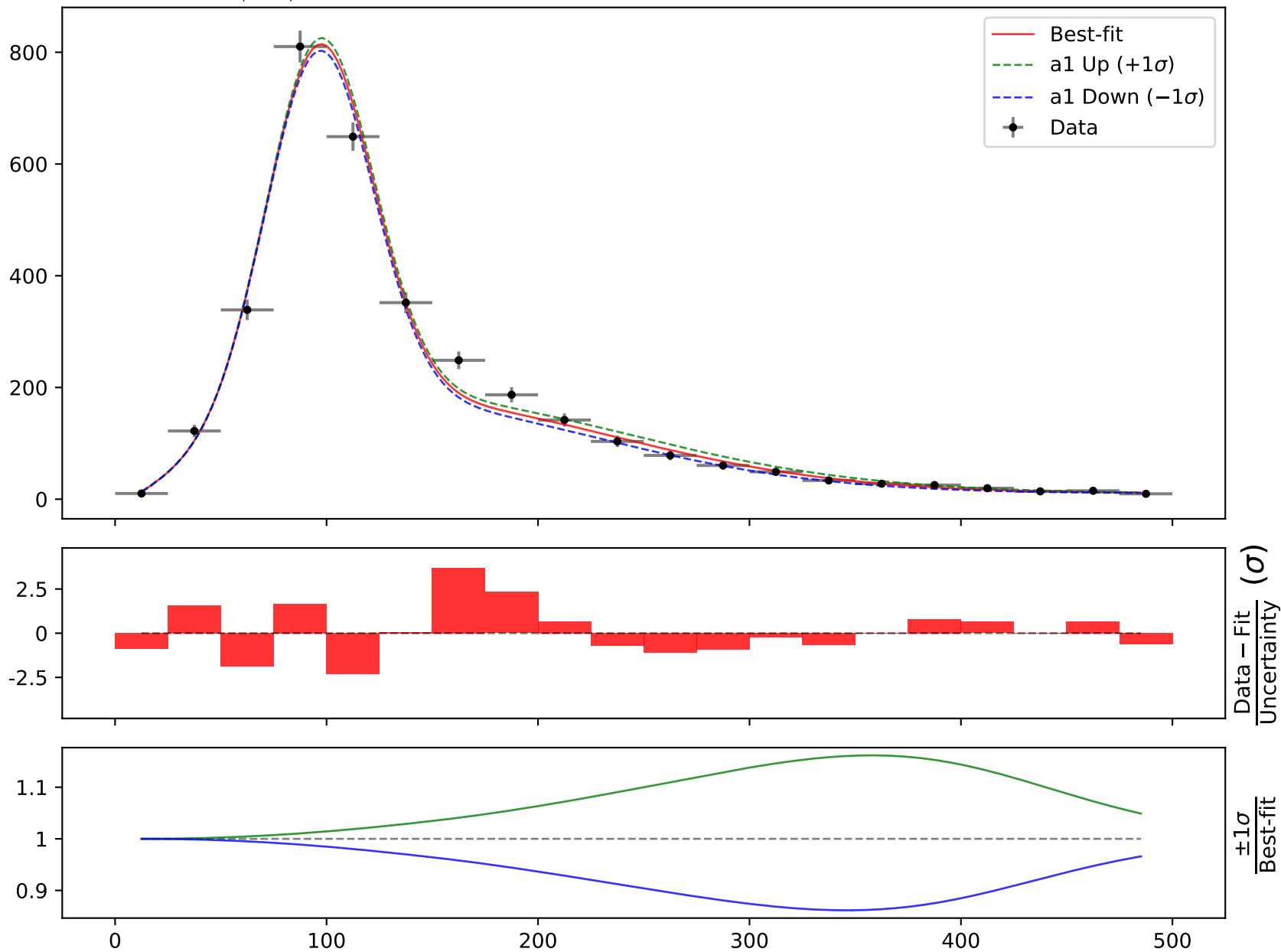
$$a_1 = -2.6151^{+0.08244(3.15\%)}_{-0.08551(3.27\%)}, \quad a_2 = -2.40066^{+0.1394(5.81\%)}_{-0.1585(6.6\%)},$$

$$a_3 = 0.0637514^{+0.01826(28.6\%)}_{-0.01896(29.7\%)}, \quad a_4 = 5.02225^{+0.3273(6.52\%)}_{-0.3084(6.14\%)},$$

$$a_5 = 13.0363^{+0.9669(7.42\%)}_{-0.853(6.54\%)}$$

Candidate #25

$$\chi^2/\text{NDF} = 39.49/15, \text{ RMSE} = 24.4, \text{ R}^2 = 0.9872$$

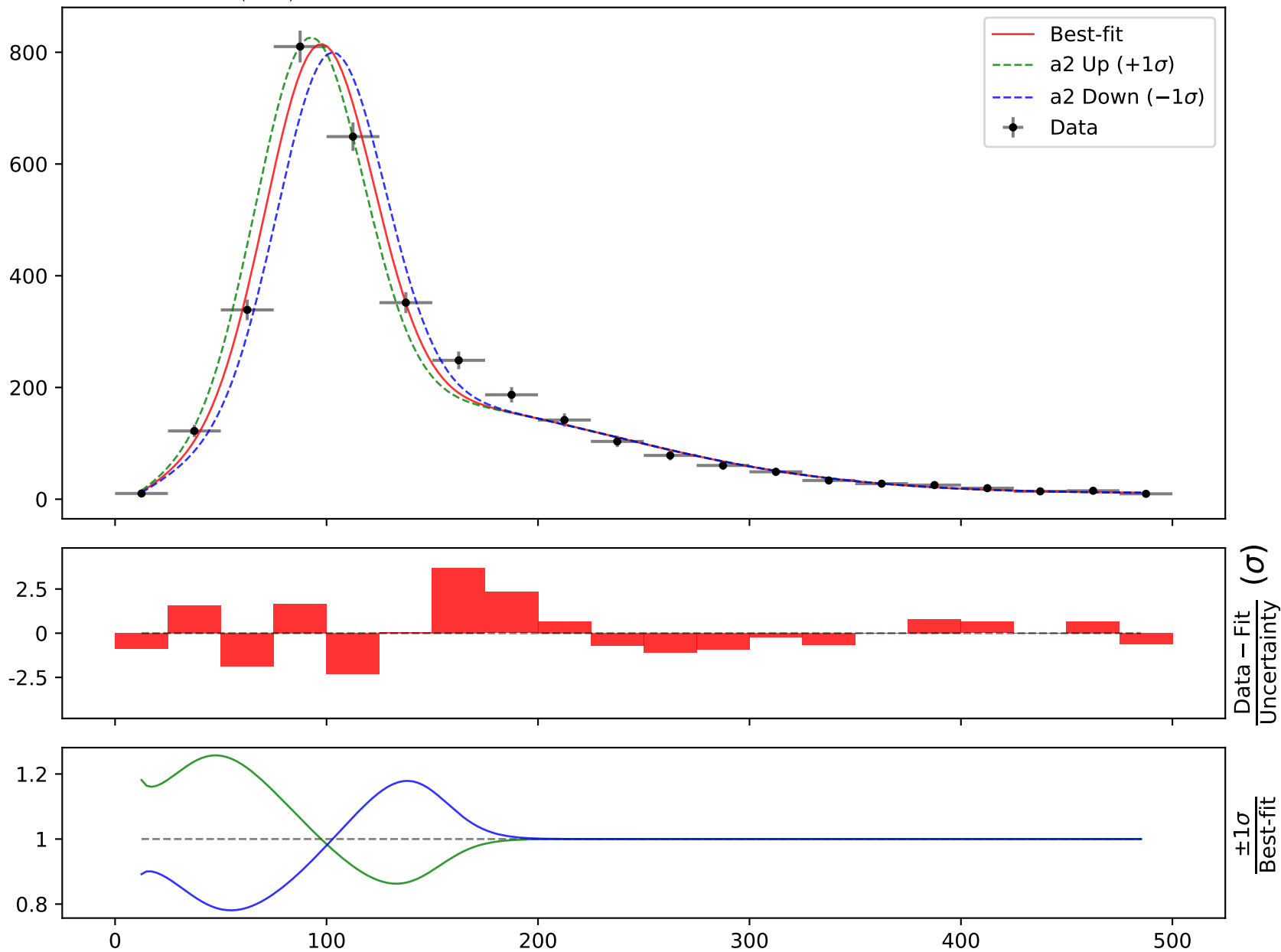


$$164.796 * (a3 + (a4 * ((x0 - 12.5) * 0.00210526) + a4 * \text{gauss}(a2 + a5 * ((x0 - 12.5) * 0.00210526)) + \tanh(((x0 - 12.5) * 0.00210526))) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.6151^{+0.08244(3.15\%)}_{-0.08551(3.27\%)}, \quad a2 = -2.40066^{+0.1394(5.81\%)}_{-0.1585(6.6\%)},$$

$$a3 = 0.0637514^{+0.01826(28.6\%)}_{-0.01896(29.7\%)}, \quad a4 = 5.02225^{+0.3273(6.52\%)}_{-0.3084(6.14\%)},$$

$$a5 = 13.0363^{+0.9669(7.42\%)}_{-0.853(6.54\%)}$$

Candidate #25 $\chi^2/\text{NDF} = 39.49/15$, RMSE = 24.4, R2 = 0.9872

$$164.796 \cdot (a_3 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_2 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \tanh(((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

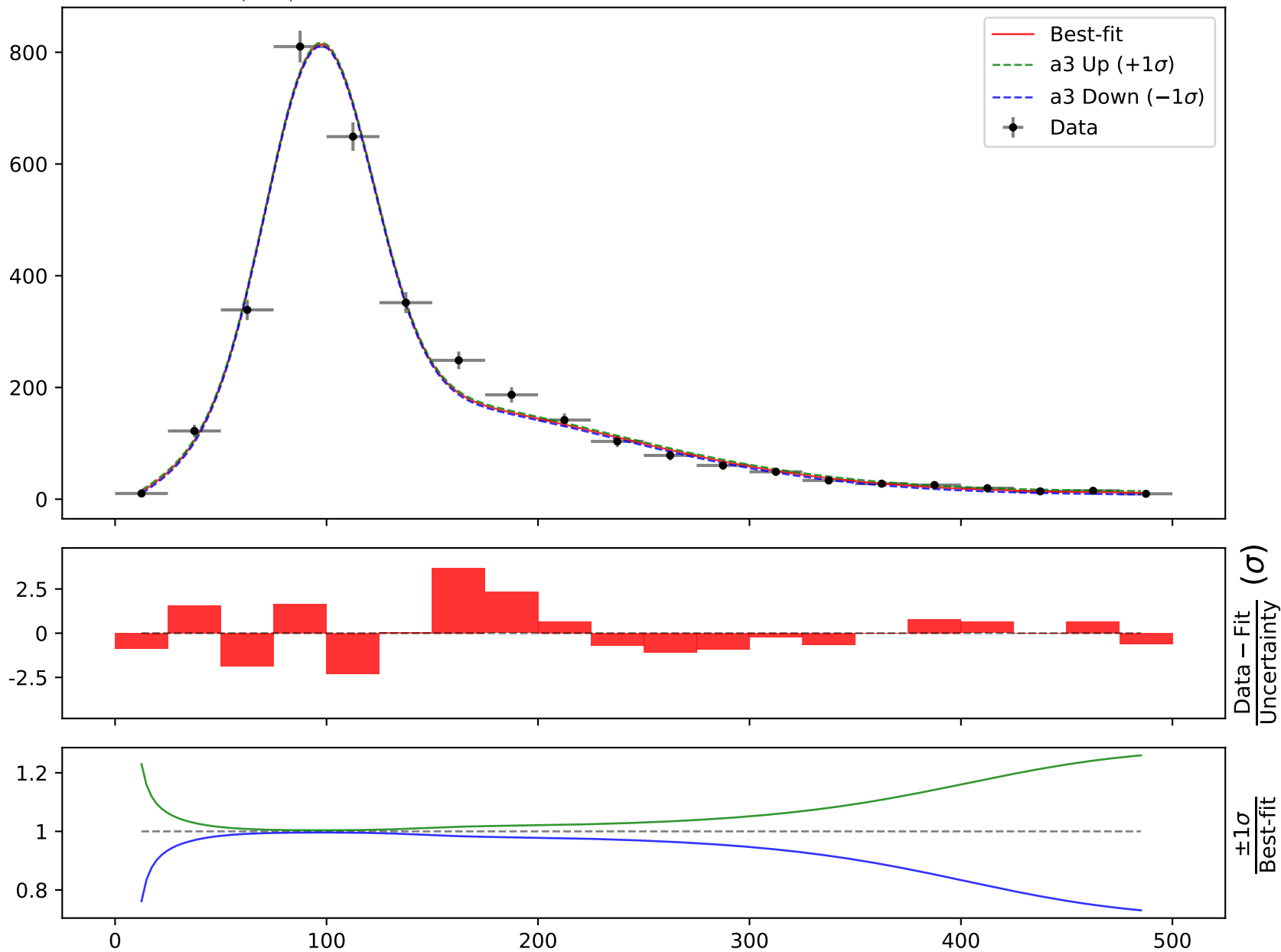
$$a_1 = -2.6151^{+0.08244(3.15\%)}_{-0.08551(3.27\%)}, \quad a_2 = -2.40066^{+0.1394(5.81\%)}_{-0.1585(6.6\%)},$$

$$a_3 = 0.0637514^{+0.01826(28.6\%)}_{-0.01896(29.7\%)}, \quad a_4 = 5.02225^{+0.3273(6.52\%)}_{-0.3084(6.14\%)},$$

$$a_5 = 13.0363^{+0.9669(7.42\%)}_{-0.853(6.54\%)}$$

Candidate #25

$$\chi^2/\text{NDF} = 39.49/15, \text{ RMSE} = 24.4, \text{ R}^2 = 0.9872$$



$$164.796 \cdot (a_3 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_2 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + \tanh(((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

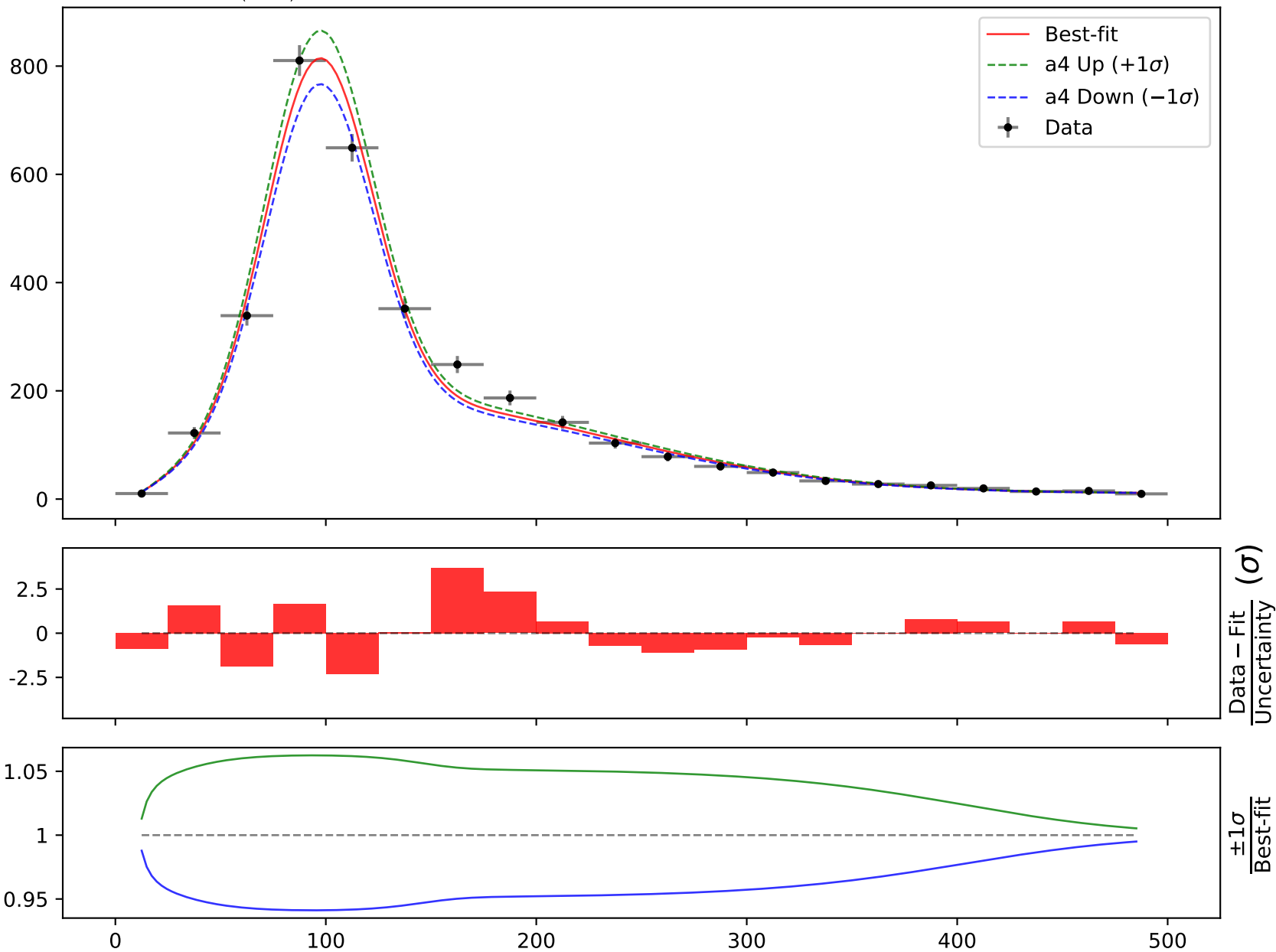
$$a_1 = -2.6151^{+0.08244(3.15\%)}_{-0.08551(3.27\%)}, \quad a_2 = -2.40066^{+0.1394(5.81\%)}_{-0.1585(6.6\%)},$$

$$a_3 = 0.0637514^{+0.01826(28.6\%)}_{-0.01896(29.7\%)}, \quad \mathbf{a_4 = 5.02225^{+0.3273(6.52\%)}_{-0.3084(6.14\%)},}$$

$$a_5 = 13.0363^{+0.9669(7.42\%)}_{-0.853(6.54\%)}$$

Candidate #25

$$\chi^2/\text{NDF} = 39.49/15, \text{ RMSE} = 24.4, \text{ R}^2 = 0.9872$$

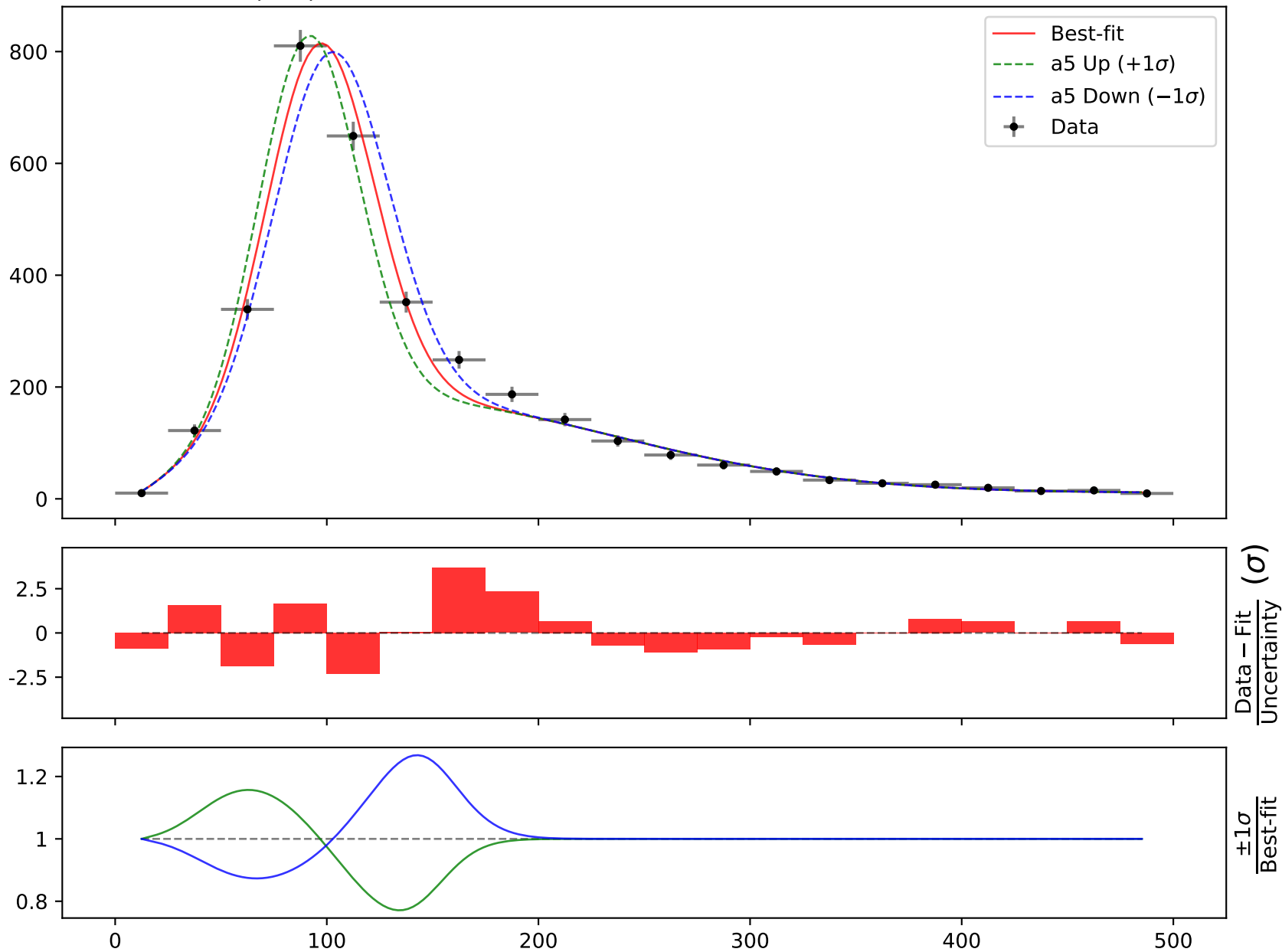


$$164.796 * (a_3 + (a_4 * ((x_0 - 12.5) * 0.00210526) + a_4 * \text{gauss}(a_2 + a_5 * ((x_0 - 12.5) * 0.00210526)) + \tanh(((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -2.6151^{+0.08244(3.15\%)}_{-0.08551(3.27\%)}, \quad a_2 = -2.40066^{+0.1394(5.81\%)}_{-0.1585(6.6\%)},$$

$$a_3 = 0.0637514^{+0.01826(28.6\%)}_{-0.01896(29.7\%)}, \quad a_4 = 5.02225^{+0.3273(6.52\%)}_{-0.3084(6.14\%)},$$

$$a_5 = 13.0363^{+0.9669(7.42\%)}_{-0.853(6.54\%)}$$

Candidate #25 $\chi^2/\text{NDF} = 39.49/15$, RMSE = 24.4, R2 = 0.9872

Candidate function #24

$$164.796*(a2 + (a4*((x0 - 12.5) * 0.00210526) + a4*gauss(a1 + a5*((x0 - 12.5) * 0.00210526)))*gauss(a3*((x0 - 12.5) * 0.00210526)))$$

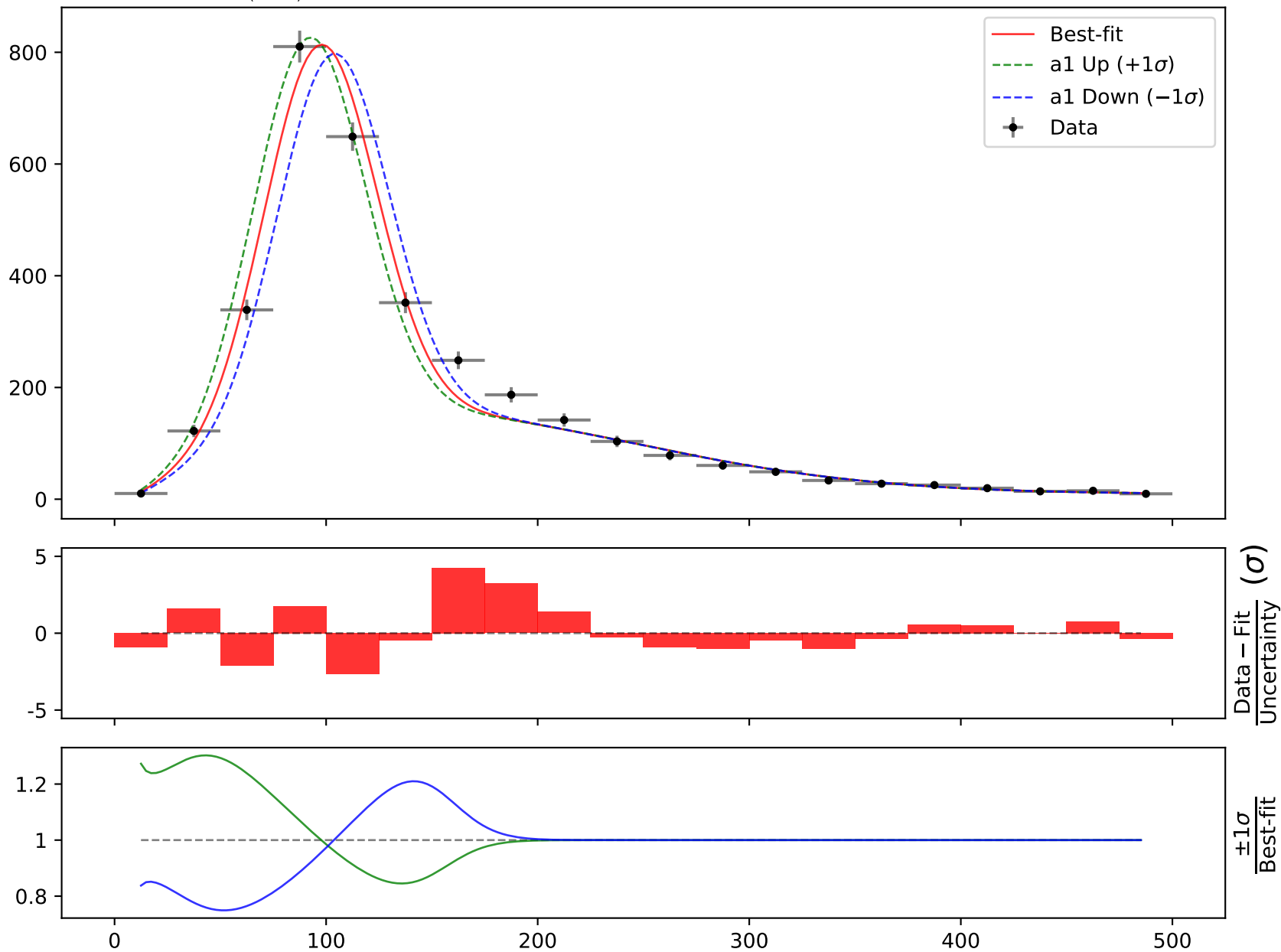
$$a1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a2 = 0.0565344^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a5 = 12.5477^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #24

$$\chi^2/\text{NDF} = 53.45/15, \text{ RMSE} = 28.23, \text{ R}^2 = 0.9829$$



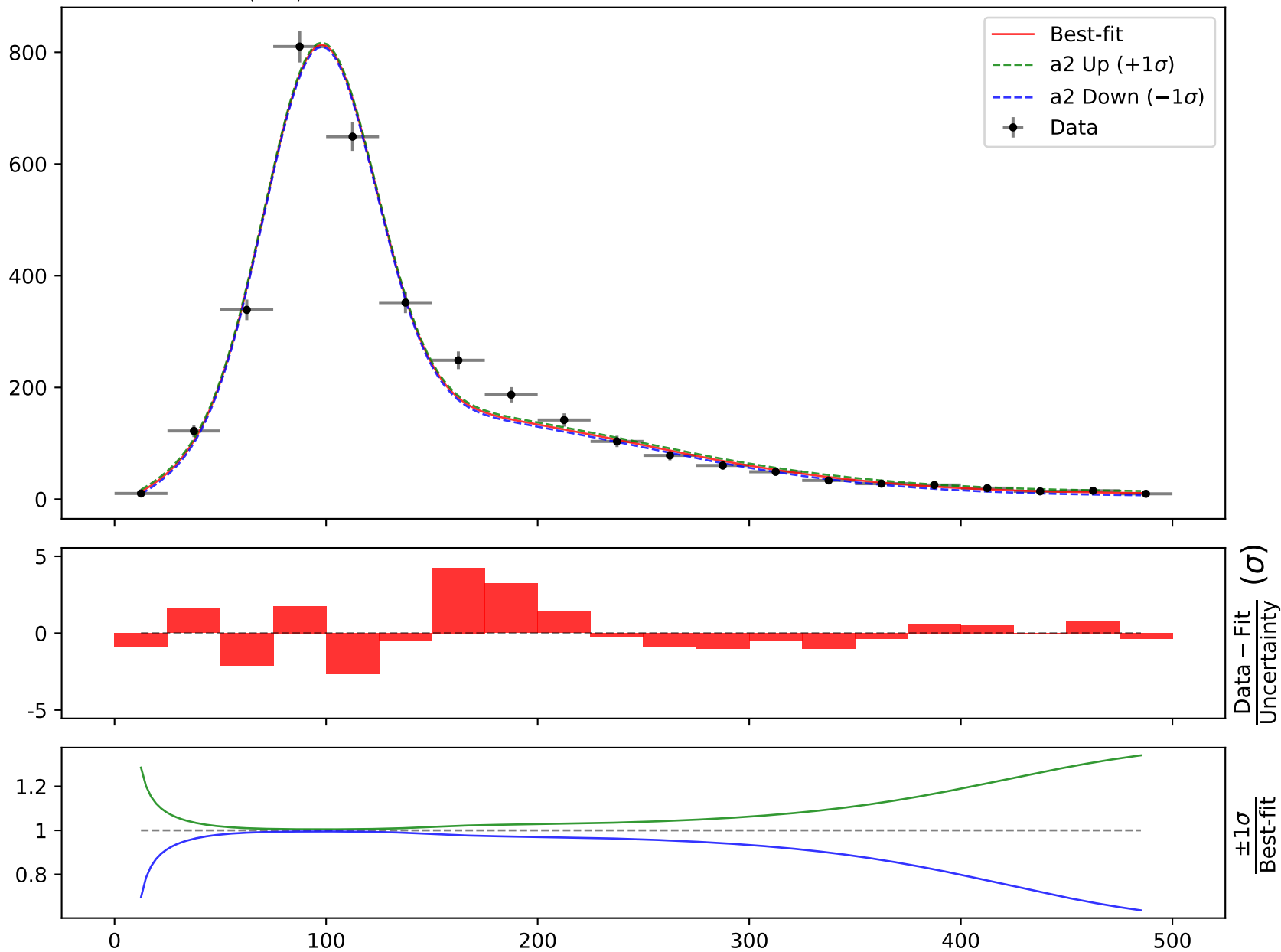
$$164.796 * (a2 + (a4 * ((x0 - 12.5) * 0.00210526) + a4 * \text{gauss}(a1 + a5 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a3 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a2 = 0.0565344^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a5 = 12.5477^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #24
 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

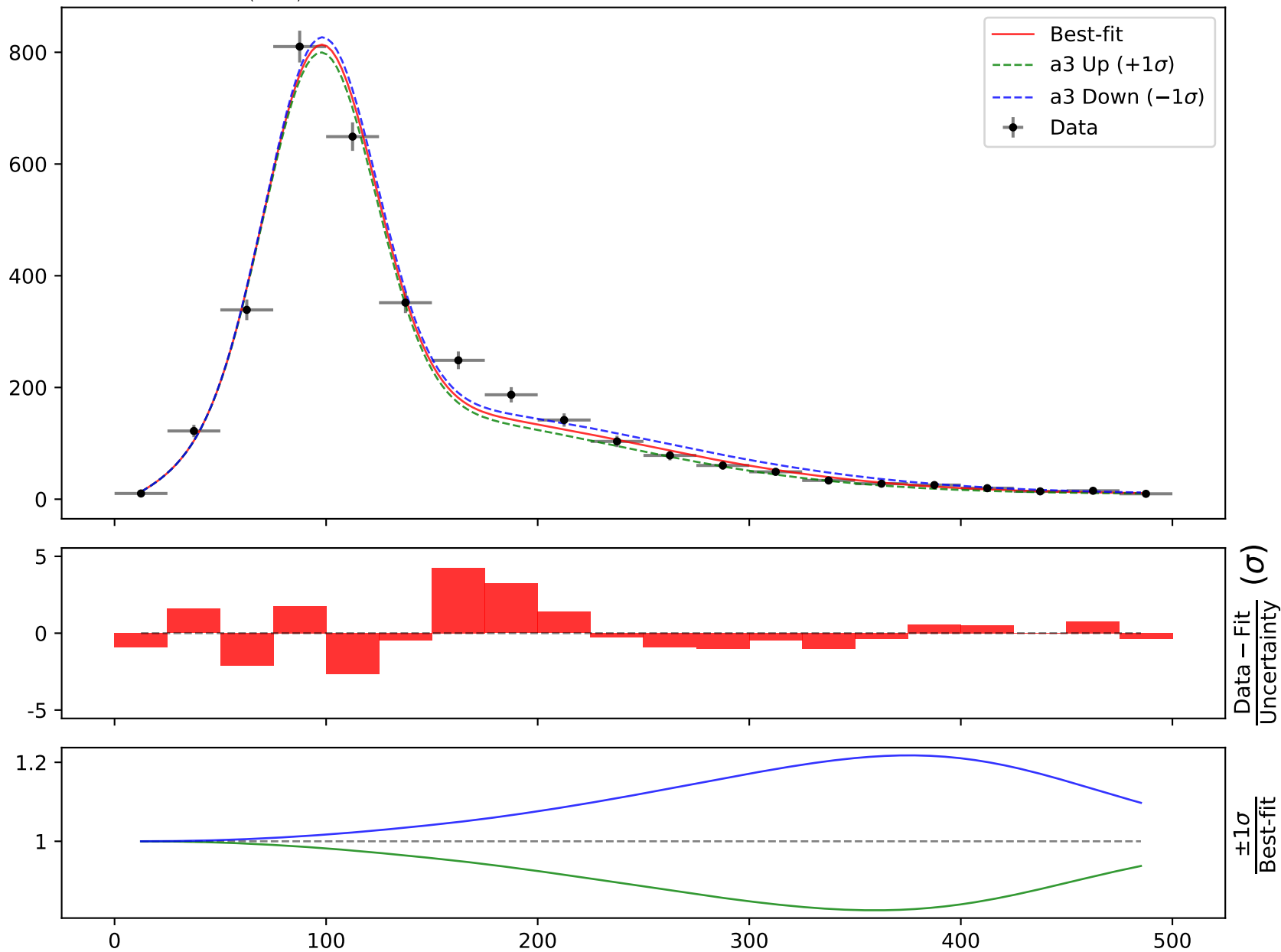


$$164.796*(a2 + (a4*((x0 - 12.5) * 0.00210526) + a4*gauss(a1 + a5*((x0 - 12.5) * 0.00210526)))*gauss(a3*((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a2 = 0.0565344^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a5 = 12.5477^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

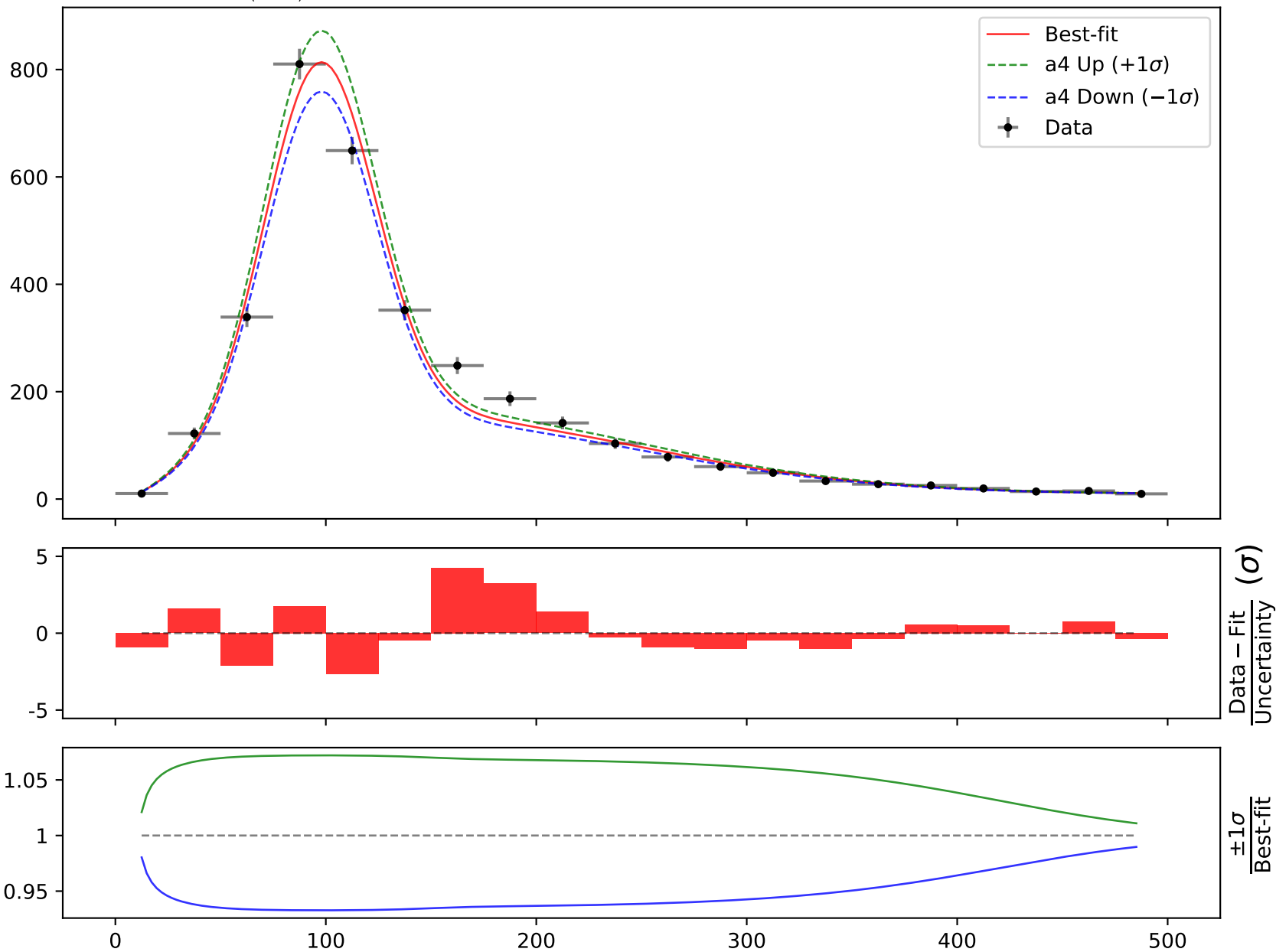
Candidate #24 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

$$164.796 \cdot (a_2 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565344^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad \mathbf{a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},}$$

$$a_5 = 12.5477^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #24 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

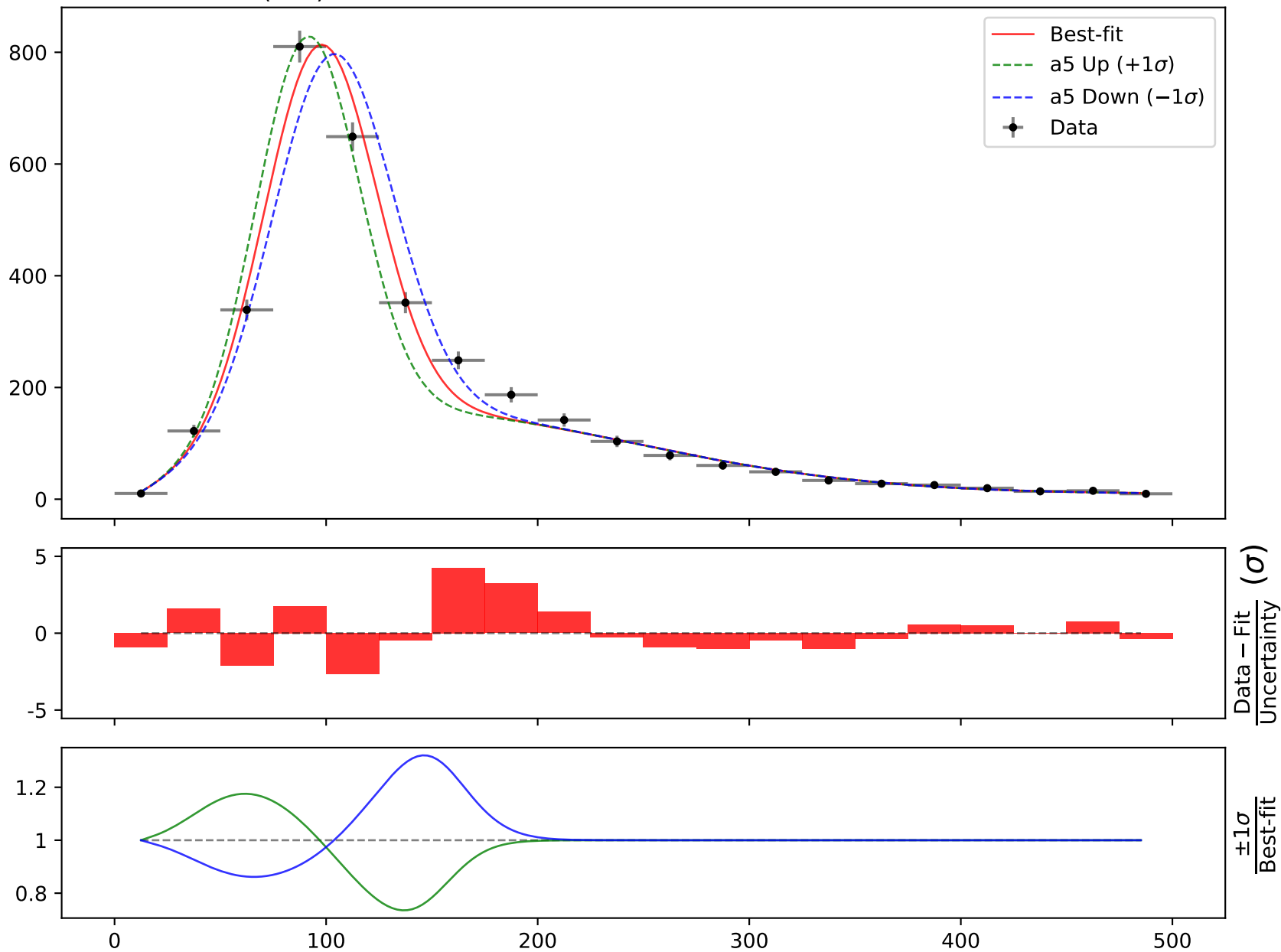
$$164.796 \cdot (a_2 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565344^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a_5 = 12.5477^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #24
 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829



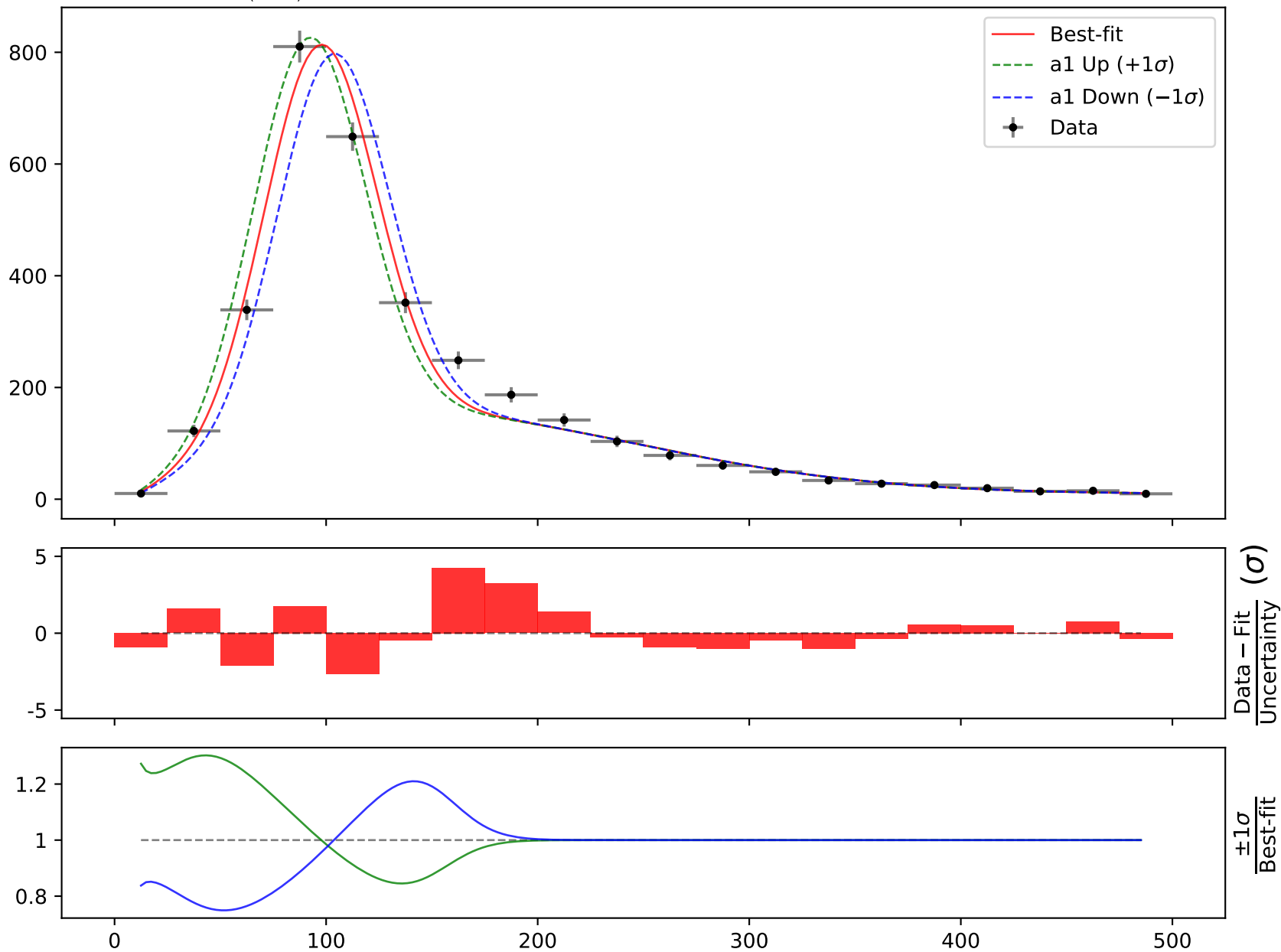
Candidate function #23

$$164.796 * (a_2 + (a_4 * ((x_0 - 12.5) * 0.00210526) + a_4 * \text{gauss}(a_1 + a_5 * ((x_0 - 12.5) * 0.00210526))) * \text{gauss}(a_3 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565345^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a_5 = 12.5478^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

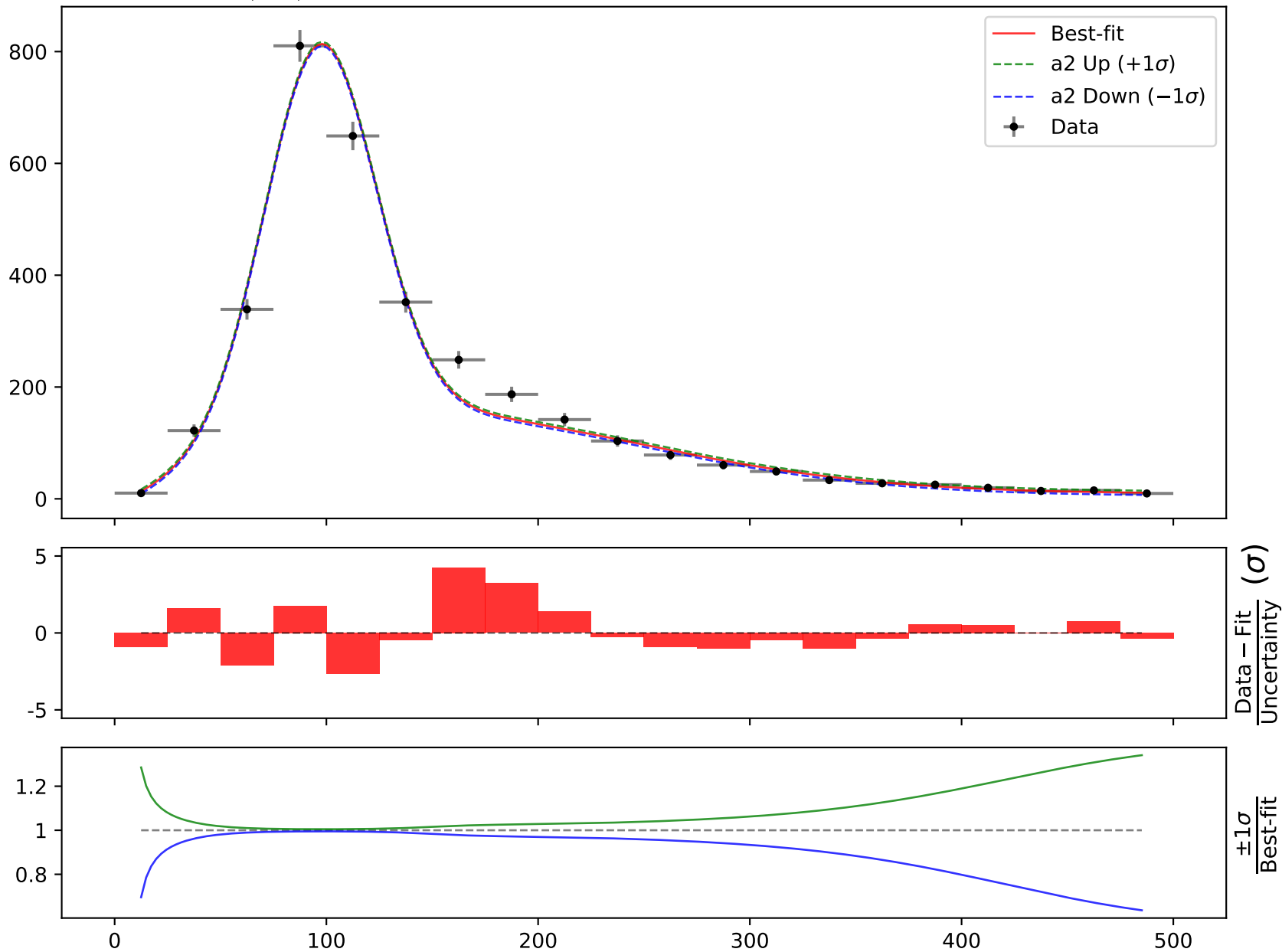
Candidate #23 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

$$164.796 \cdot (a_2 + (a_4 \cdot (x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot (x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_3 \cdot (x_0 - 12.5) \cdot 0.00210526))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565345^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a_5 = 12.5478^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #23 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

$$164.796*(a2 + (a4*((x0 - 12.5) * 0.00210526) + a4*gauss(a1 + a5*((x0 - 12.5) * 0.00210526)))*gauss(a3*((x0 - 12.5) * 0.00210526)))$$

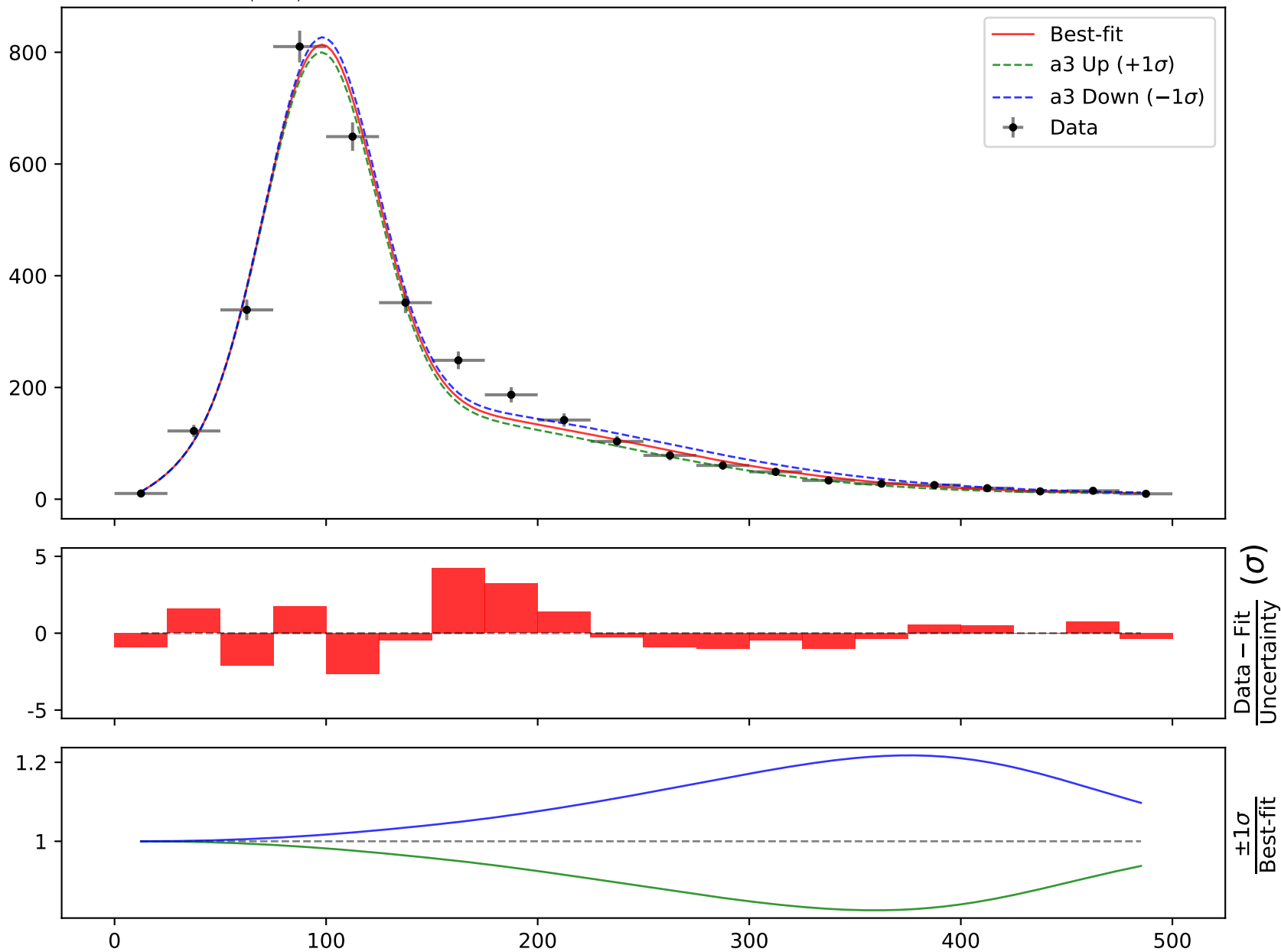
$$a1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a2 = 0.0565345^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a5 = 12.5478^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #23

$$\chi^2/\text{NDF} = 53.45/15, \text{ RMSE} = 28.23, \text{ R}^2 = 0.9829$$

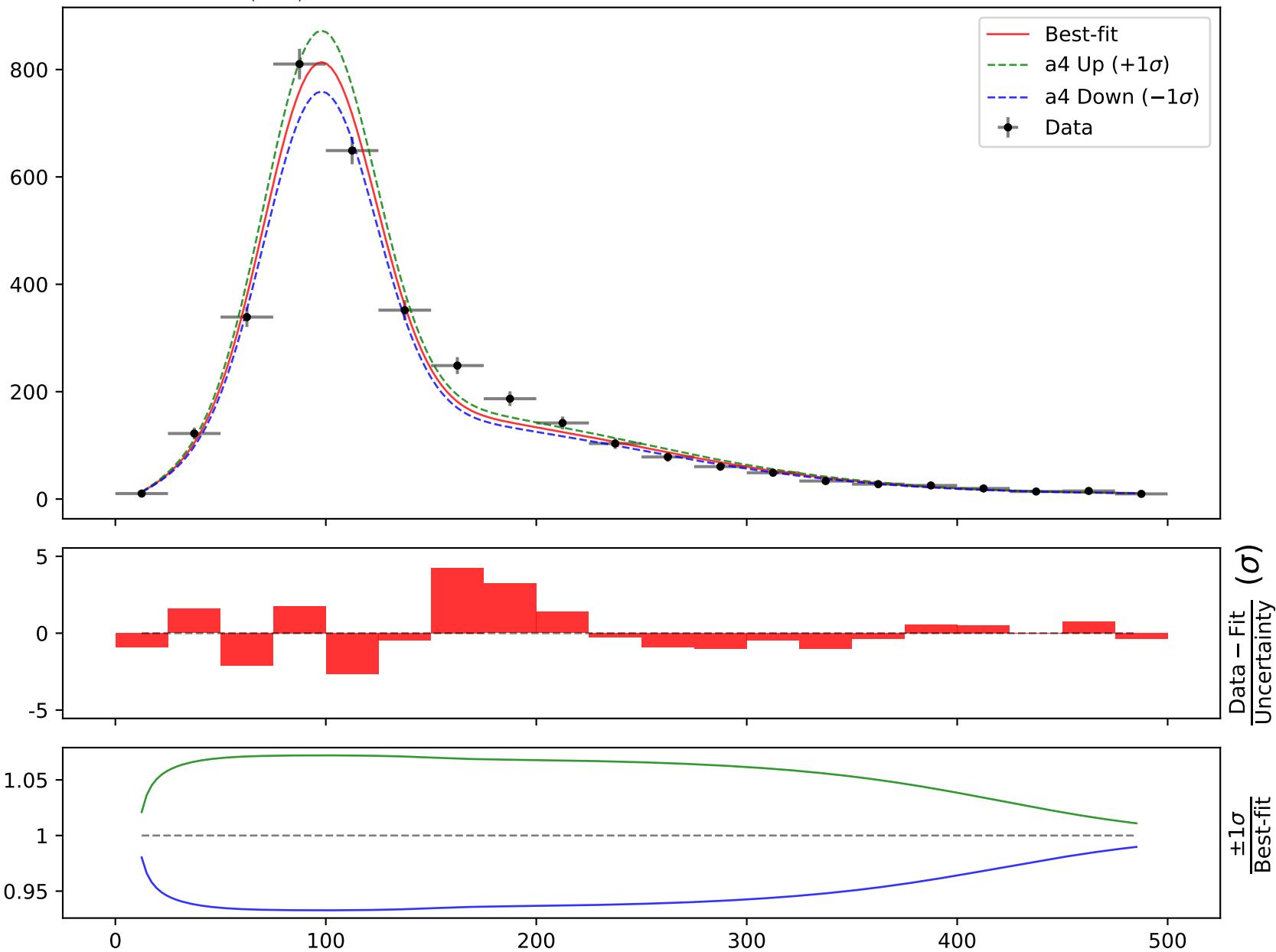


$$164.796 \cdot (a_2 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565345^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad \mathbf{a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},}$$

$$a_5 = 12.5478^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #23 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829

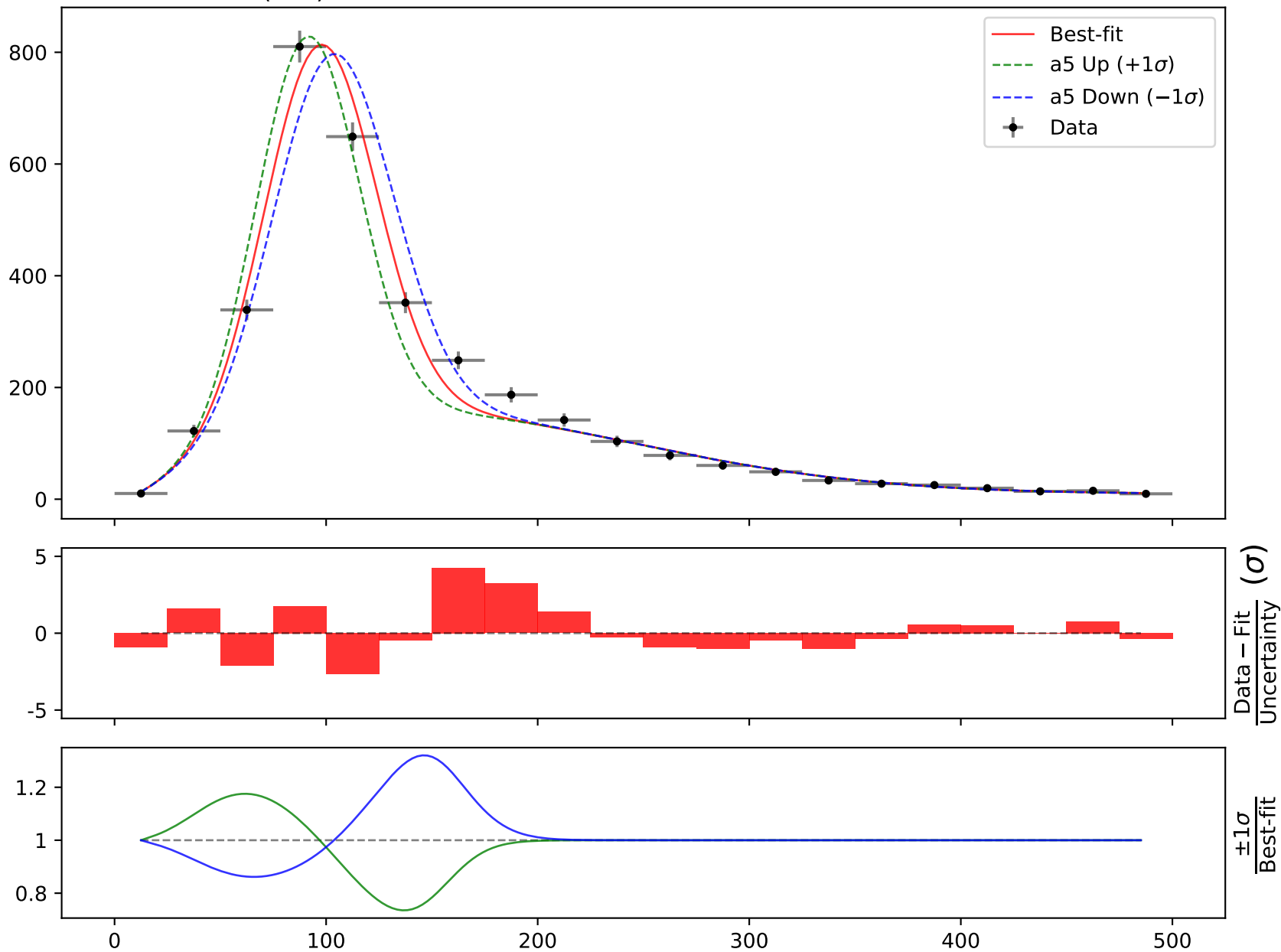
$$164.796 \cdot (a_2 + (a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.32371^{+0.1476(6.35\%)}_{-0.171(7.36\%)}, \quad a_2 = 0.0565345^{+0.02269(40.1\%)}_{-0.02418(42.8\%)},$$

$$a_3 = 2.50739^{+0.1057(4.22\%)}_{-0.1025(4.09\%)}, \quad a_4 = 5.08976^{+0.371(7.29\%)}_{-0.3462(6.8\%)},$$

$$a_5 = 12.5478^{+1.043(8.31\%)}_{-0.9053(7.21\%)}$$

Candidate #23
 $\chi^2/\text{NDF} = 53.45/15$, RMSE = 28.23, R2 = 0.9829



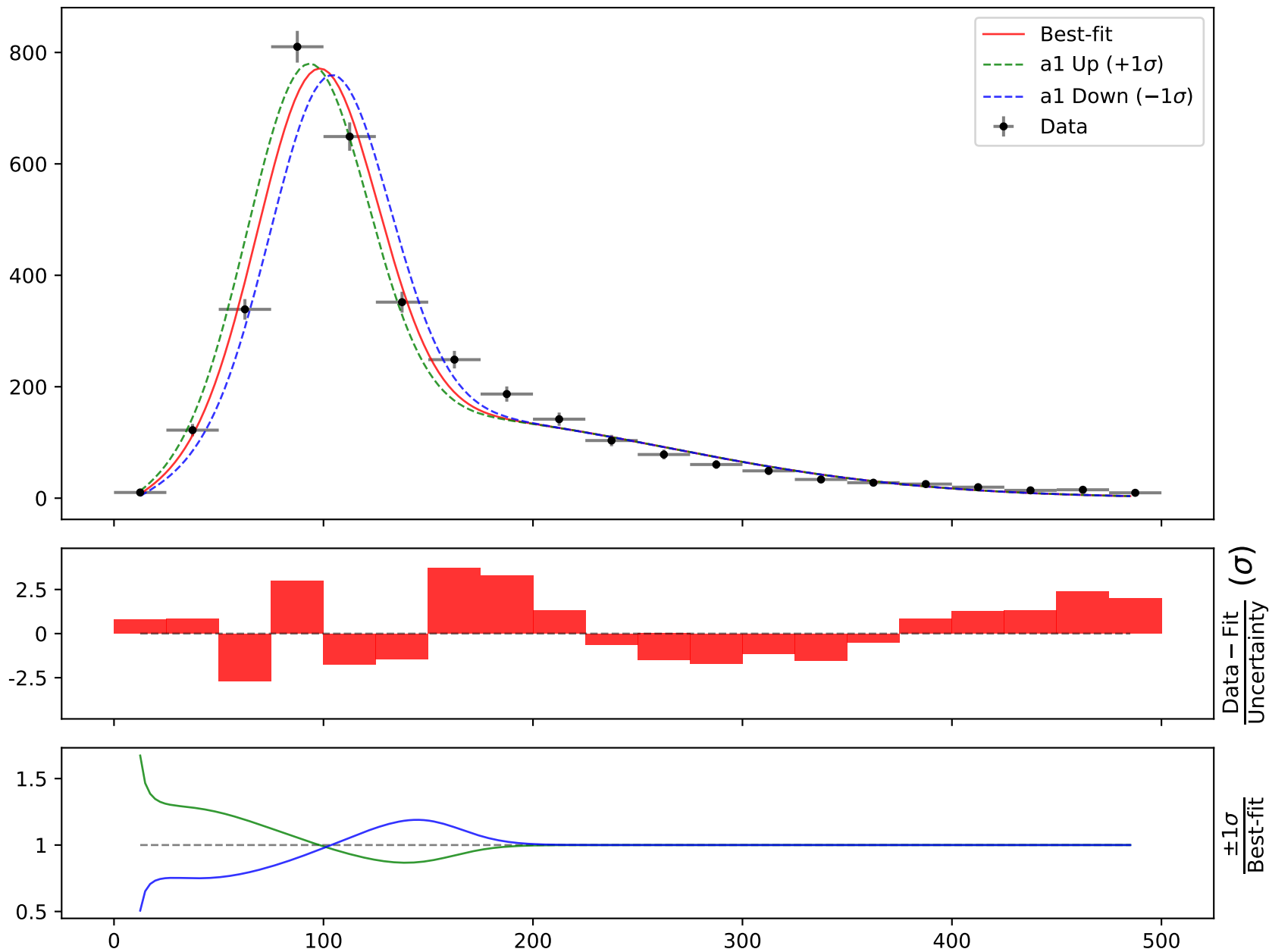
Candidate function #22

$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a1 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.1478^{+0.1234(5.74\%)}_{-0.1529(7.12\%)}, \quad a2 = 2.32735^{+0.07428(3.19\%)}_{-0.06971(3.0\%)}, \\ a3 = 4.74188^{+0.3521(7.43\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5915^{+0.9533(8.22\%)}_{-0.7949(6.86\%)}$$

Candidate #22

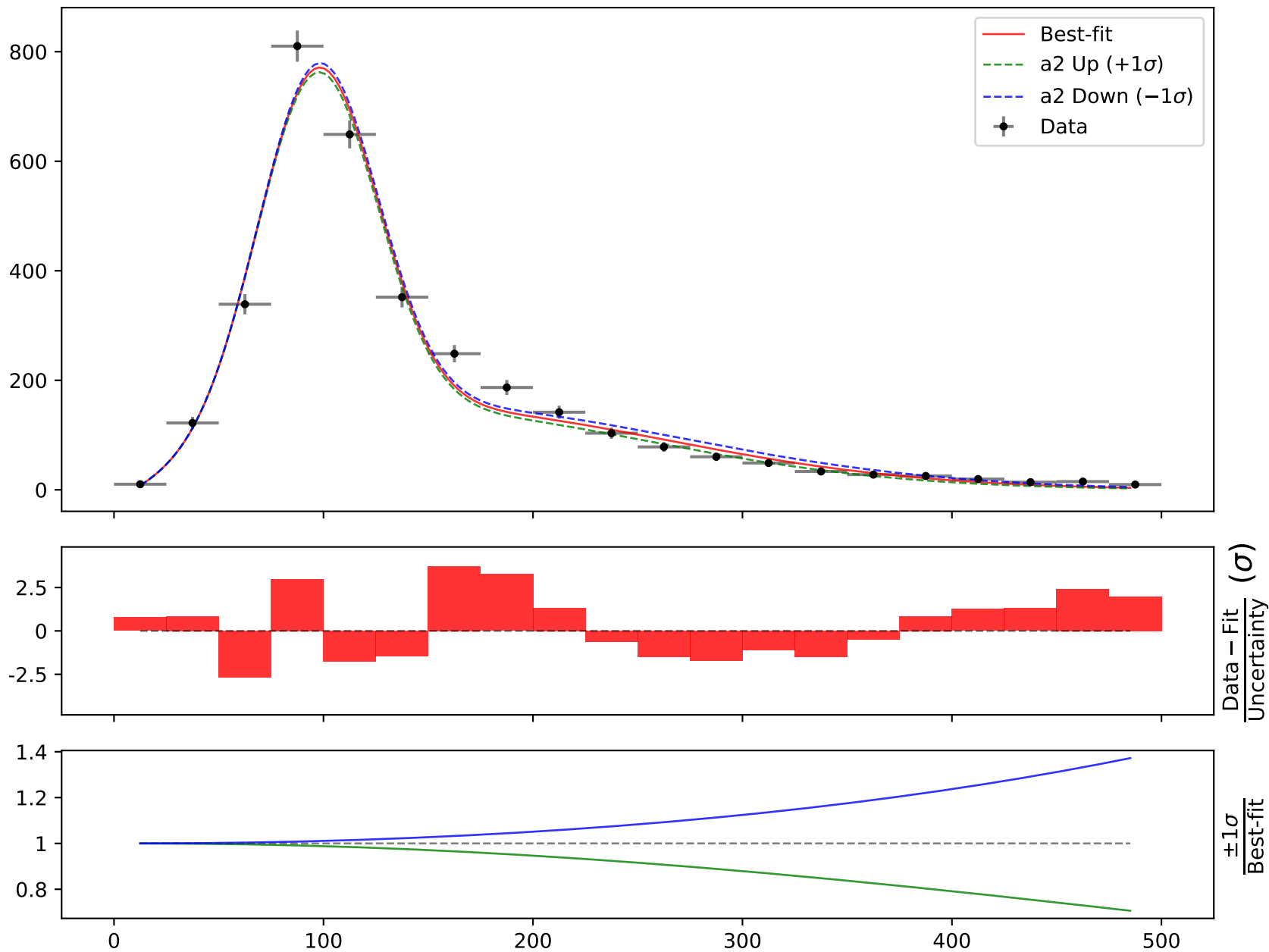
$$\chi^2/\text{NDF} = 72.15/16, \text{RMSE} = 30.82, \text{R2} = 0.9796$$



$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a1 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.1478^{+0.1234(5.74\%)}_{-0.1529(7.12\%)}, \quad a2 = 2.32735^{+0.07428(3.19\%)}_{-0.06971(3.0\%)},$$

$$a3 = 4.74188^{+0.3521(7.43\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5915^{+0.9533(8.22\%)}_{-0.7949(6.86\%)}$$

Candidate #22 $\chi^2/\text{NDF} = 72.15/16$, RMSE = 30.82, R2 = 0.9796

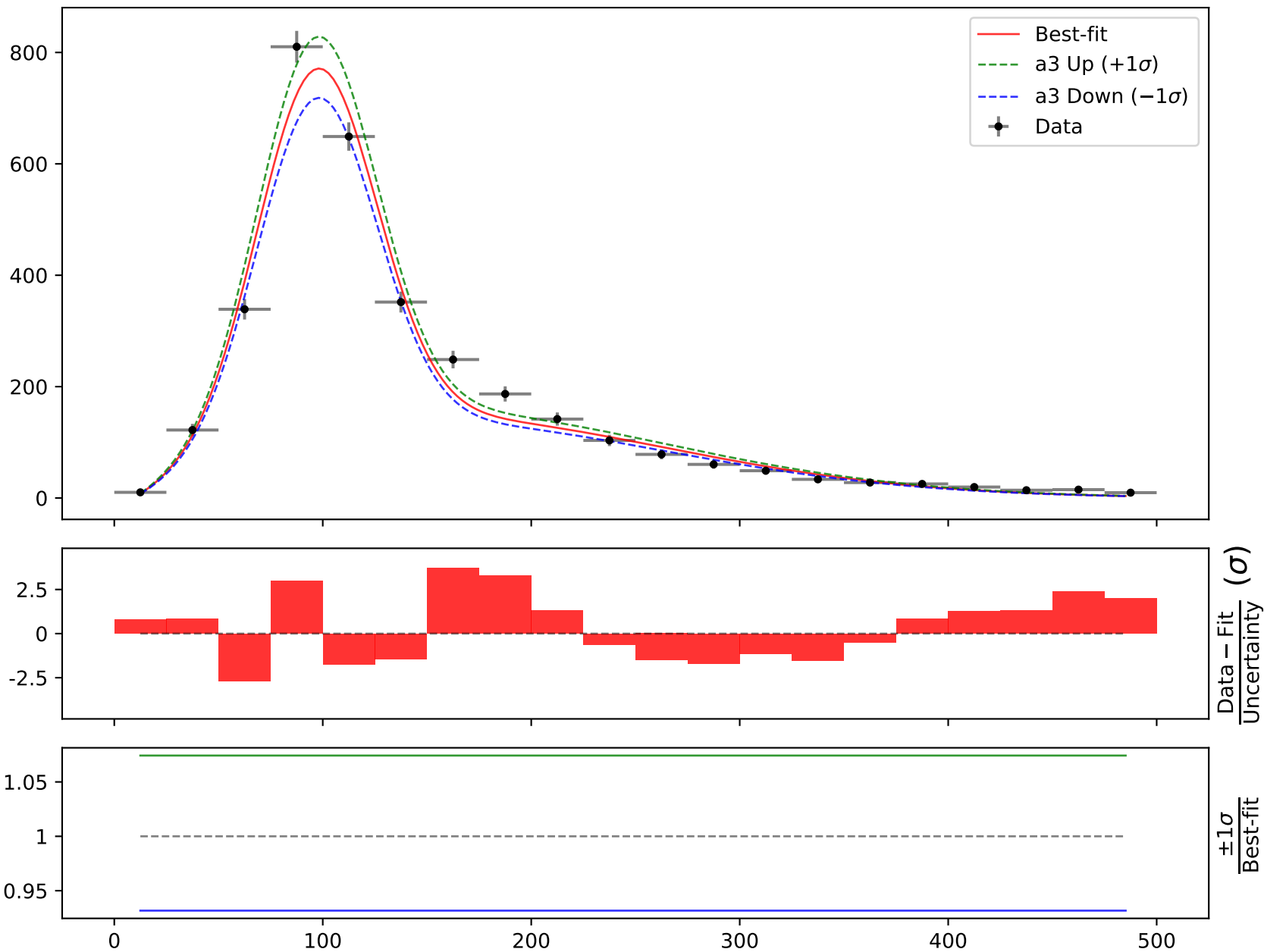
$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a1 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.1478^{+0.1234(5.74\%)}_{-0.1529(7.12\%)}, \quad a2 = 2.32735^{+0.07428(3.19\%)}_{-0.06971(3.0\%)},$$

$$a3 = 4.74188^{+0.3521(7.43\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5915^{+0.9533(8.22\%)}_{-0.7949(6.86\%)}$$

Candidate #22

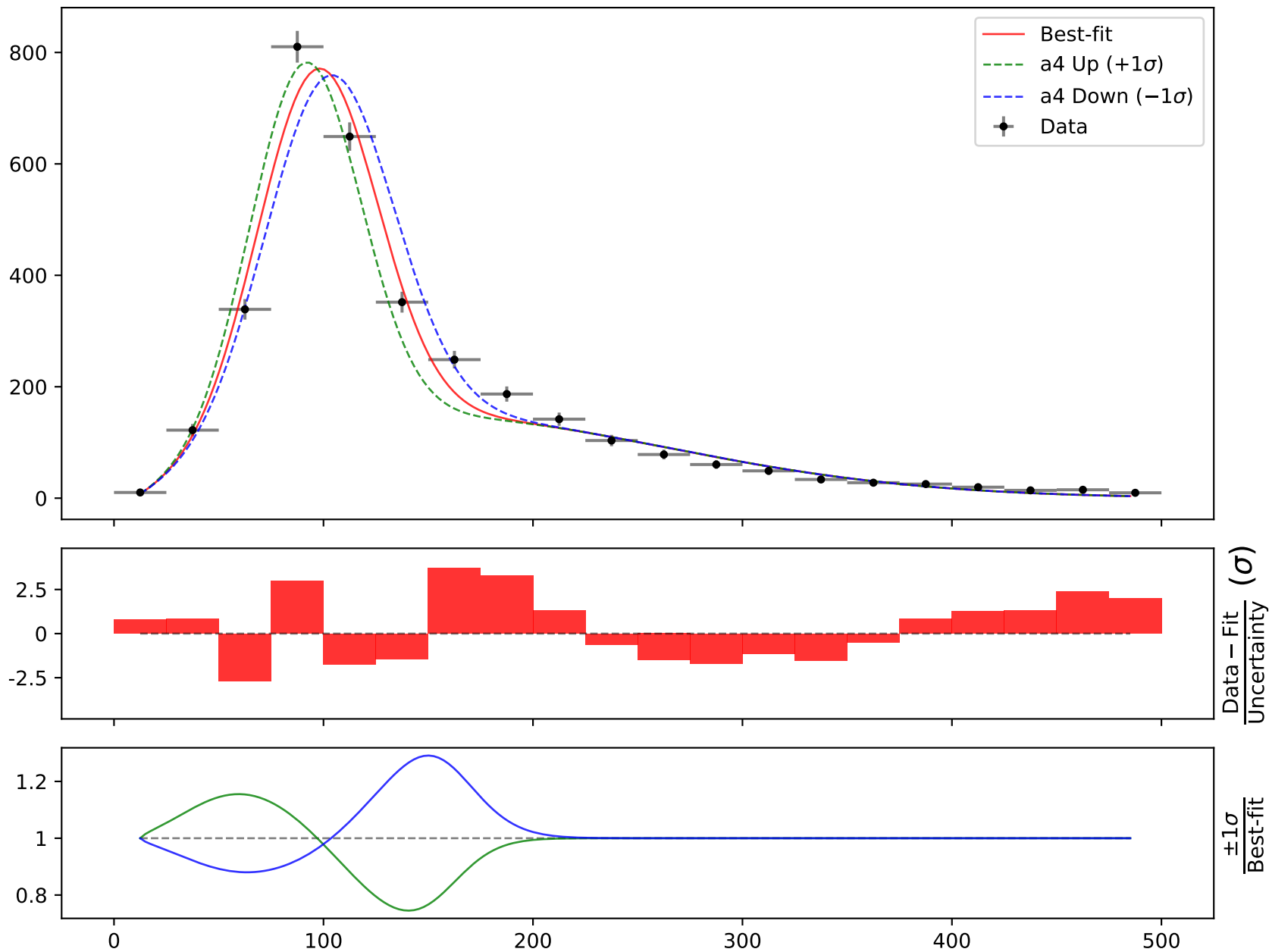
$$\chi^2/\text{NDF} = 72.15/16, \text{RMSE} = 30.82, \text{R}^2 = 0.9796$$



$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a1 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.1478^{+0.1234(5.74\%)}_{-0.1529(7.12\%)}, \quad a2 = 2.32735^{+0.07428(3.19\%)}_{-0.06971(3.0\%)},$$

$$a3 = 4.74188^{+0.3521(7.43\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5915^{+0.9533(8.22\%)}_{-0.7949(6.86\%)}$$

Candidate #22 $\chi^2/\text{NDF} = 72.15/16$, RMSE = 30.82, R2 = 0.9796

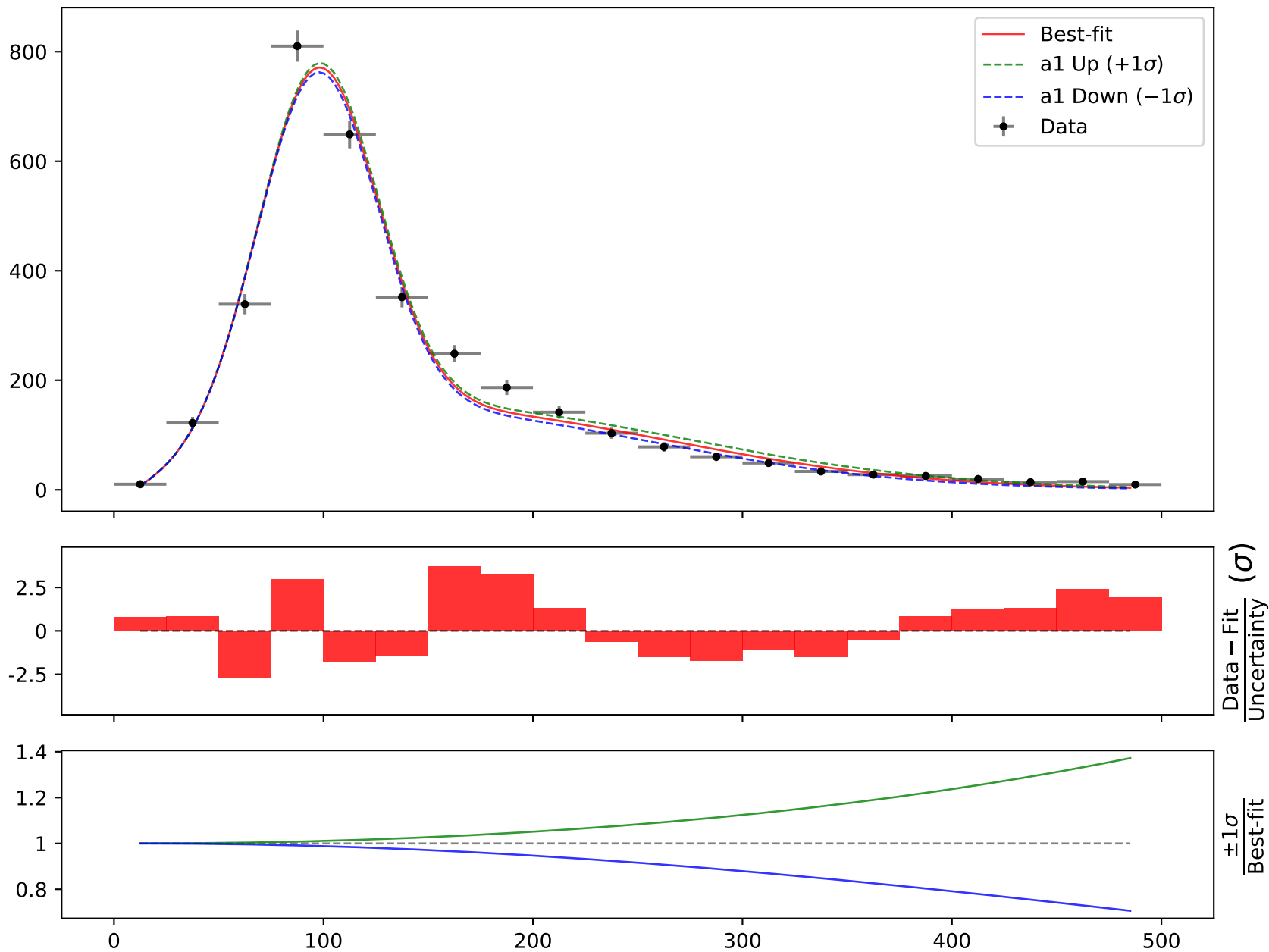
Candidate function #21

$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a2 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32735^{+0.06971(3.0\%)}_{-0.07428(3.19\%)}, \quad a2 = -2.14781^{+0.1234(5.75\%)}_{-0.1529(7.12\%)}, \\ a3 = 4.7419^{+0.3521(7.42\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5916^{+0.9532(8.22\%)}_{-0.795(6.86\%)}$$

Candidate #21

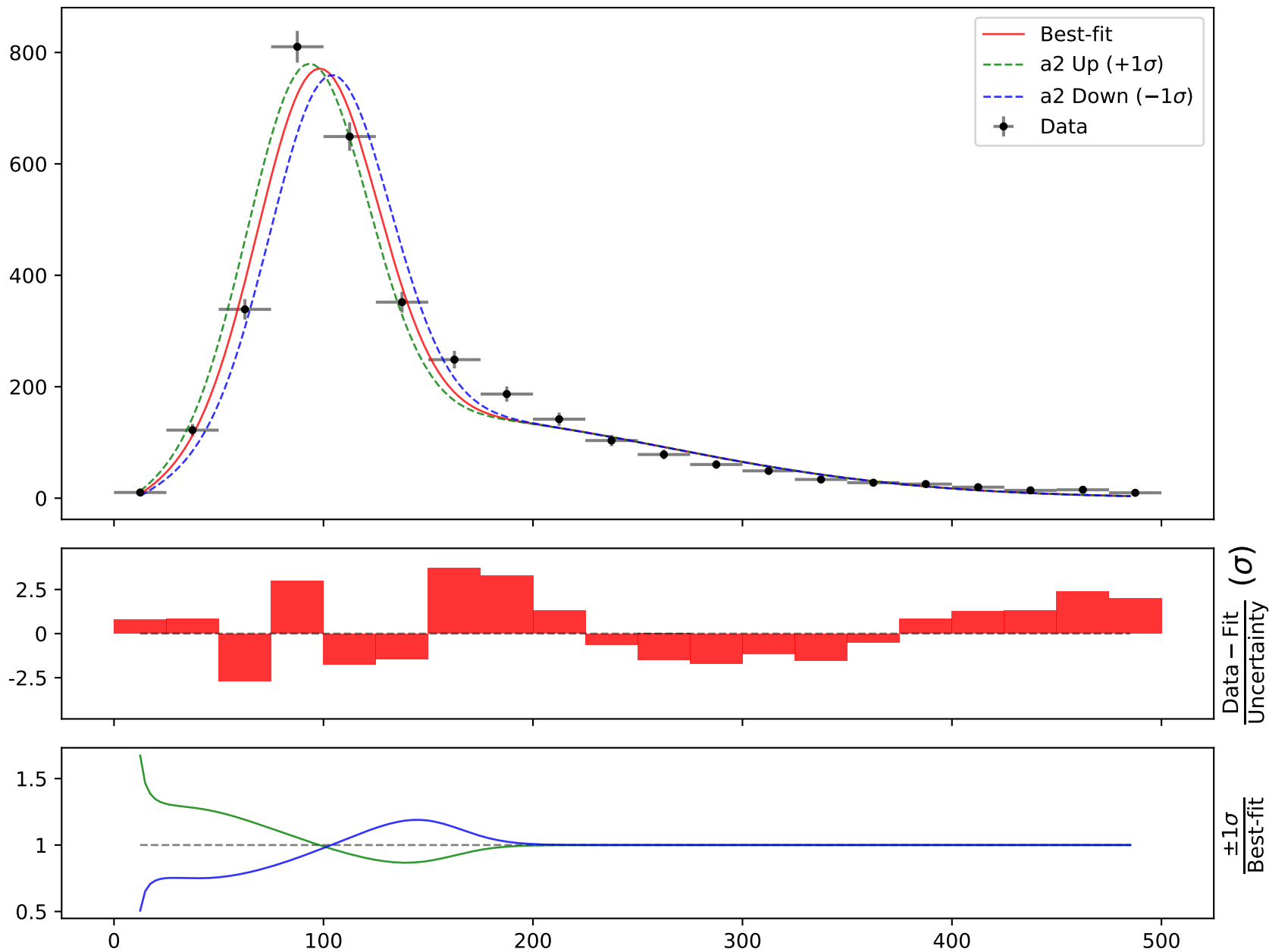
$$\chi^2/\text{NDF} = 72.15/16, \text{RMSE} = 30.81, \text{R2} = 0.9796$$



$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a2 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32735^{+0.06971(3.0\%)}_{-0.07428(3.19\%)}, \quad a2 = -2.14781^{+0.1234(5.75\%)}_{-0.1529(7.12\%)},$$

$$a3 = 4.7419^{+0.3521(7.42\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5916^{+0.9532(8.22\%)}_{-0.795(6.86\%)}$$

Candidate #21 $\chi^2/\text{NDF} = 72.15/16$, RMSE = 30.81, R2 = 0.9796

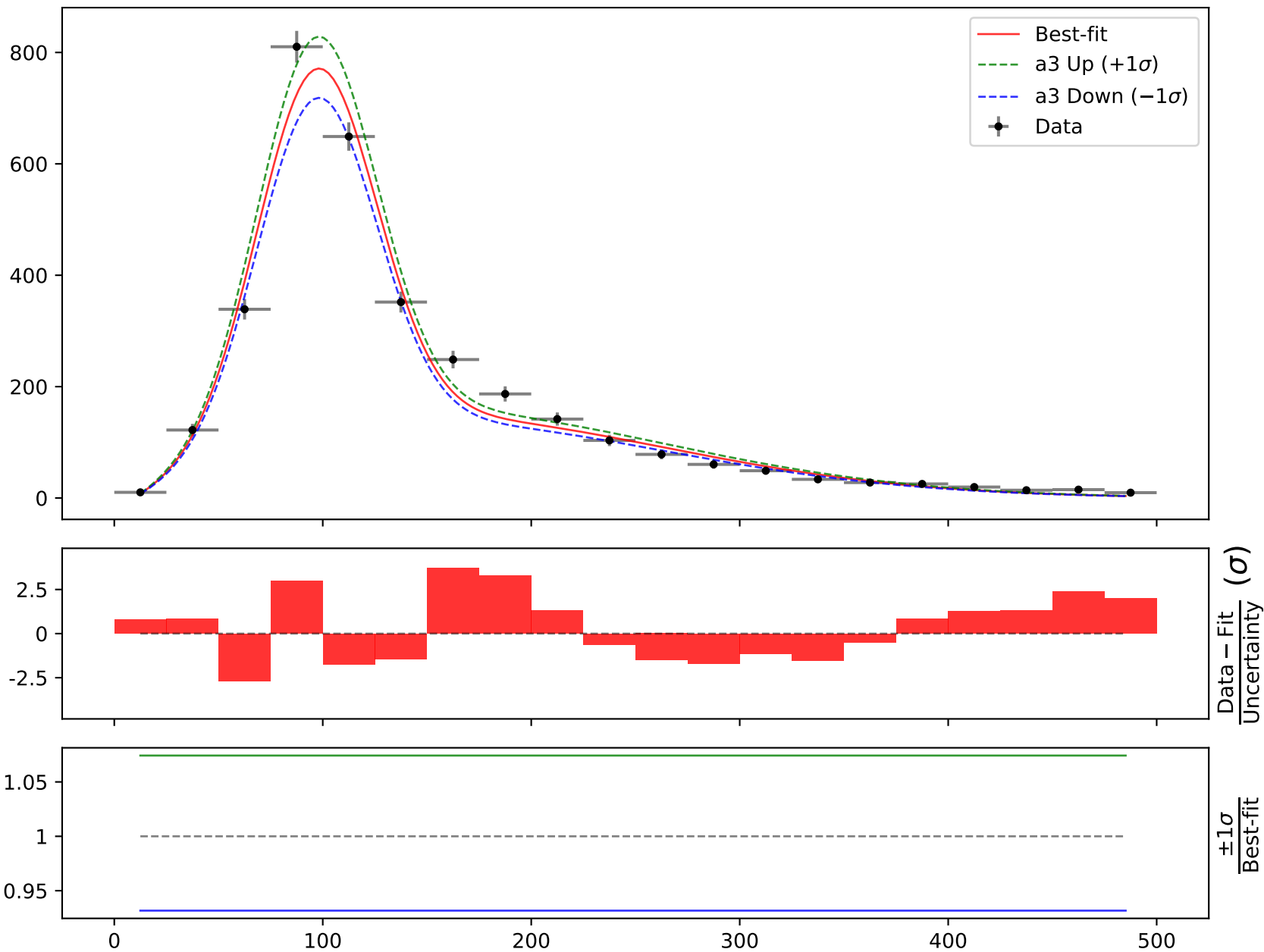
$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a2 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32735^{+0.06971(3.0\%)}_{-0.07428(3.19\%)}, \quad a2 = -2.14781^{+0.1234(5.75\%)}_{-0.1529(7.12\%)},$$

$$a3 = 4.7419^{+0.3521(7.42\%)}_{-0.324(6.83\%)}, \quad a4 = 11.5916^{+0.9532(8.22\%)}_{-0.795(6.86\%)}$$

Candidate #21

$$\chi^2/\text{NDF} = 72.15/16, \text{ RMSE} = 30.81, \text{ R}^2 = 0.9796$$



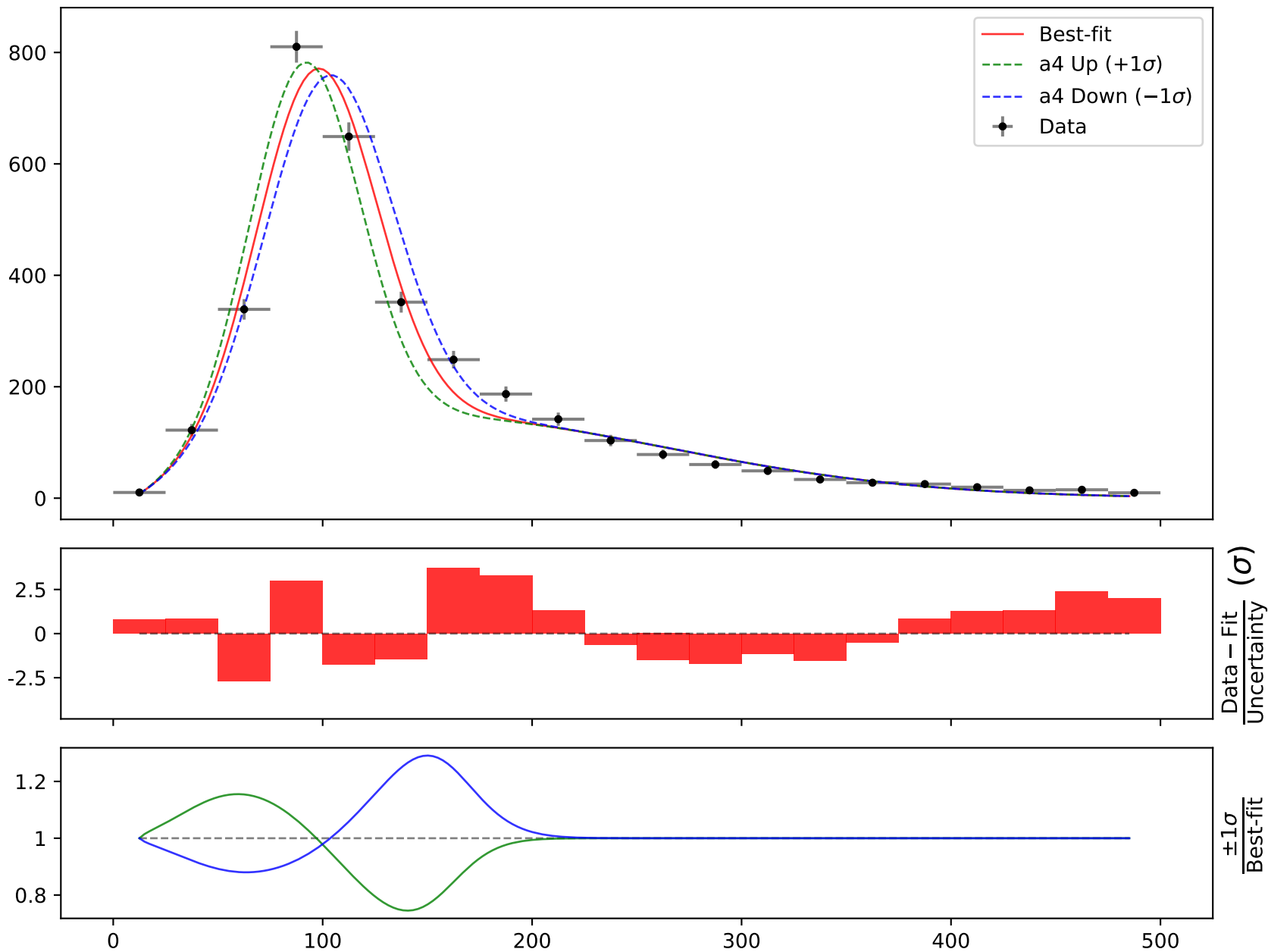
$$164.796 * ((a3 * ((x0 - 12.5) * 0.00210526) + a3 * \text{gauss}(a2 + a4 * ((x0 - 12.5) * 0.00210526))) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -2.32735^{+0.06971(3.0\%)}_{-0.07428(3.19\%)}, \quad a2 = -2.14781^{+0.1234(5.75\%)}_{-0.1529(7.12\%)},$$

$$a3 = 4.7419^{+0.3521(7.42\%)}_{-0.324(6.83\%)}, \quad \mathbf{a4 = 11.5916^{+0.9532(8.22\%)}_{-0.795(6.86\%)}}$$

Candidate #21

$$\chi^2/\text{NDF} = 72.15/16, \text{RMSE} = 30.81, \text{R2} = 0.9796$$



Candidate function #20

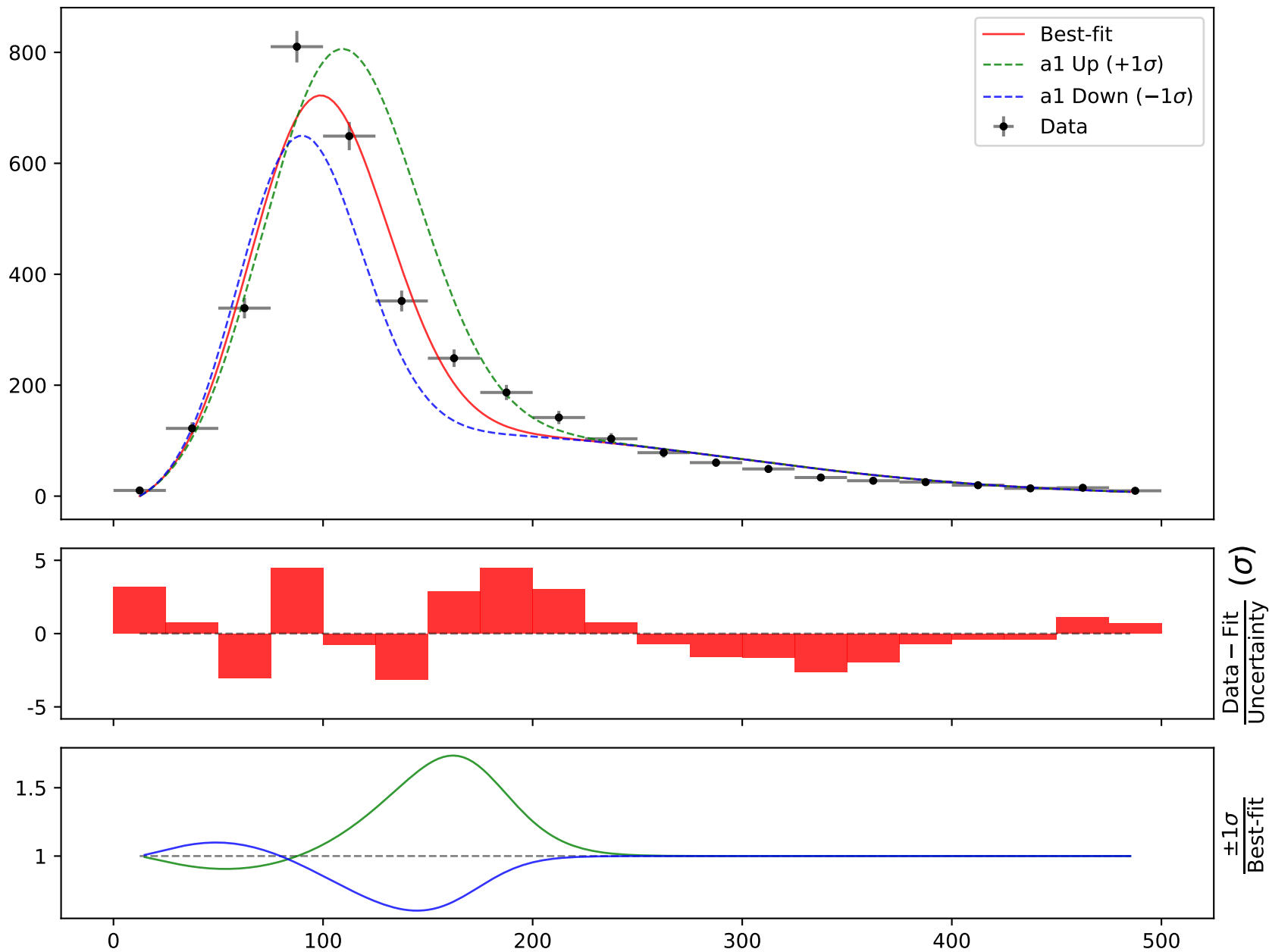
$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #20

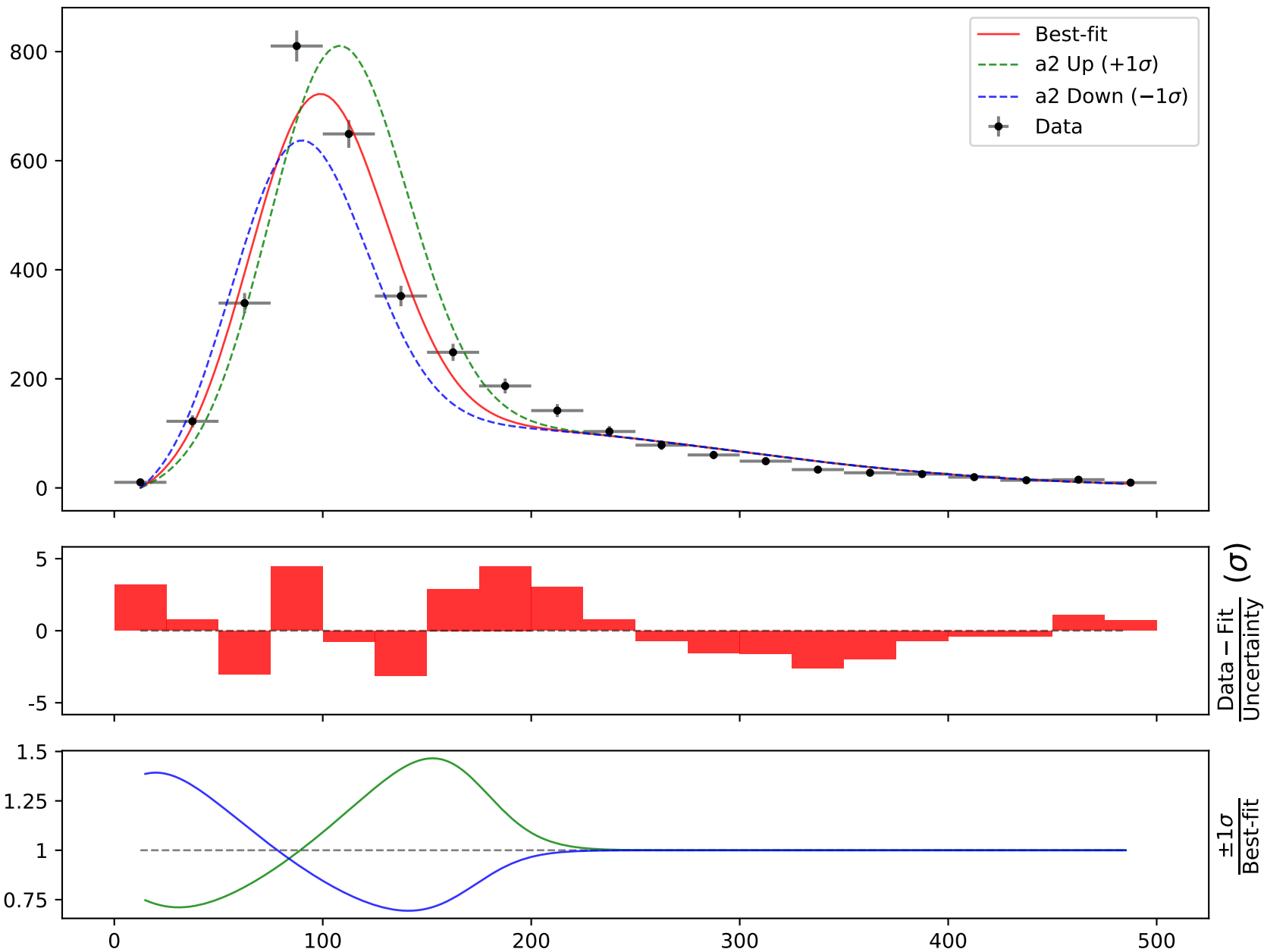
$$\chi^2/\text{NDF} = 107.0/16, \text{RMSE} = 39.45, \text{R2} = 0.9666$$



$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

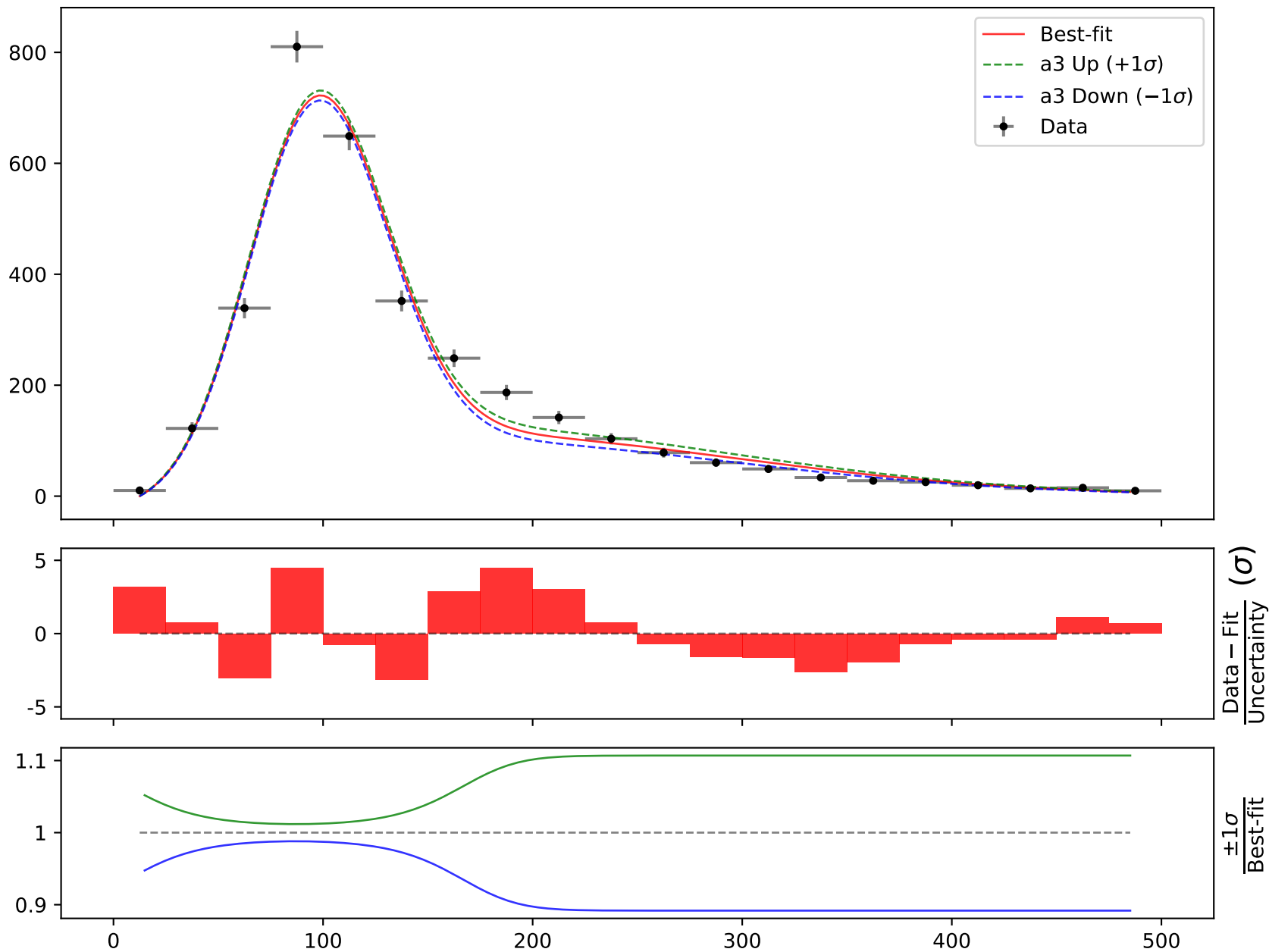
$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #20 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

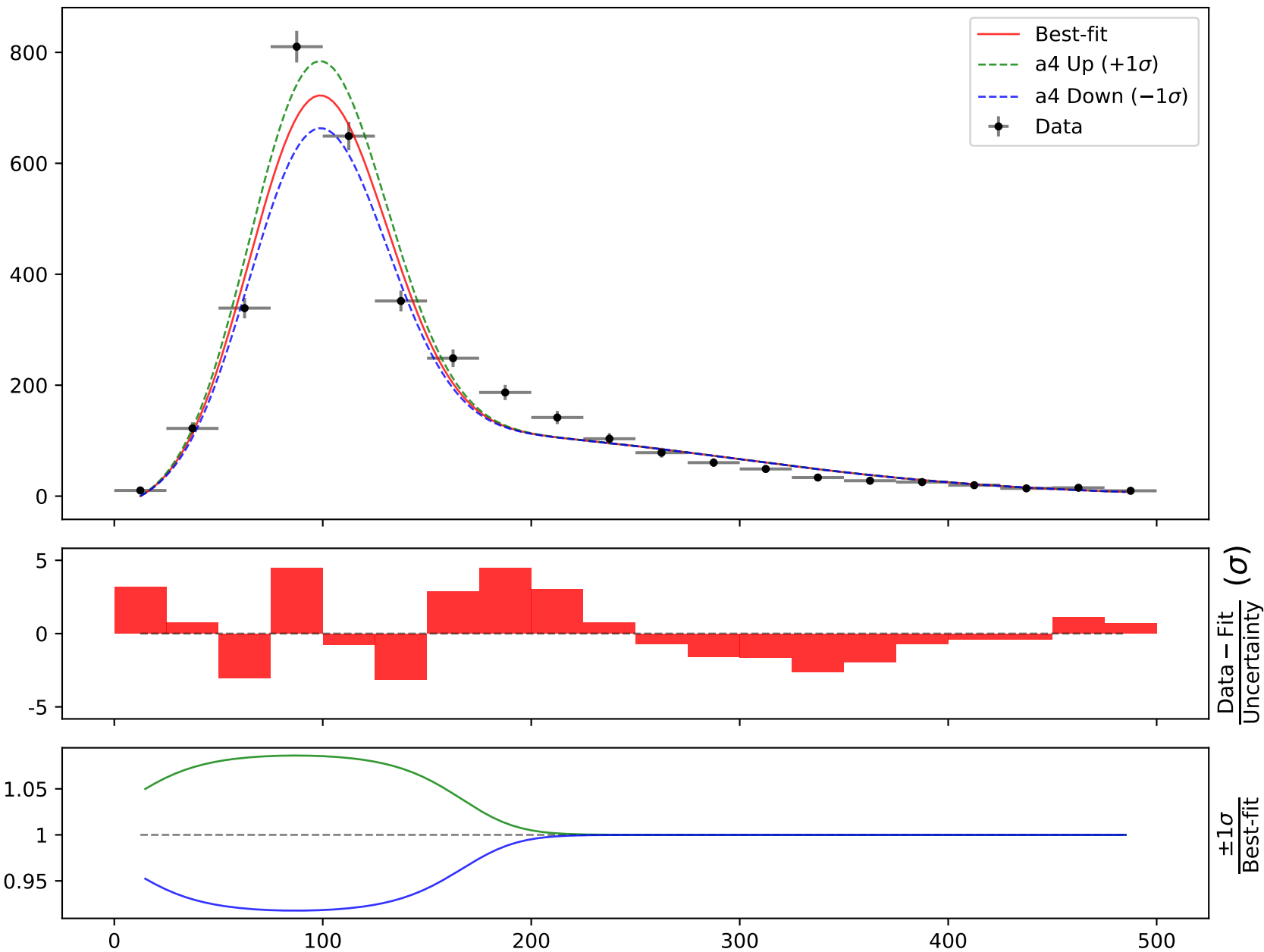
$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #20 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad \mathbf{a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}}$$

Candidate #20 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

Candidate function #19

$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 + 2 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \text{gauss}(a_1 + a_4 * ((x_0 - 12.5) * 0.00210526))))$$

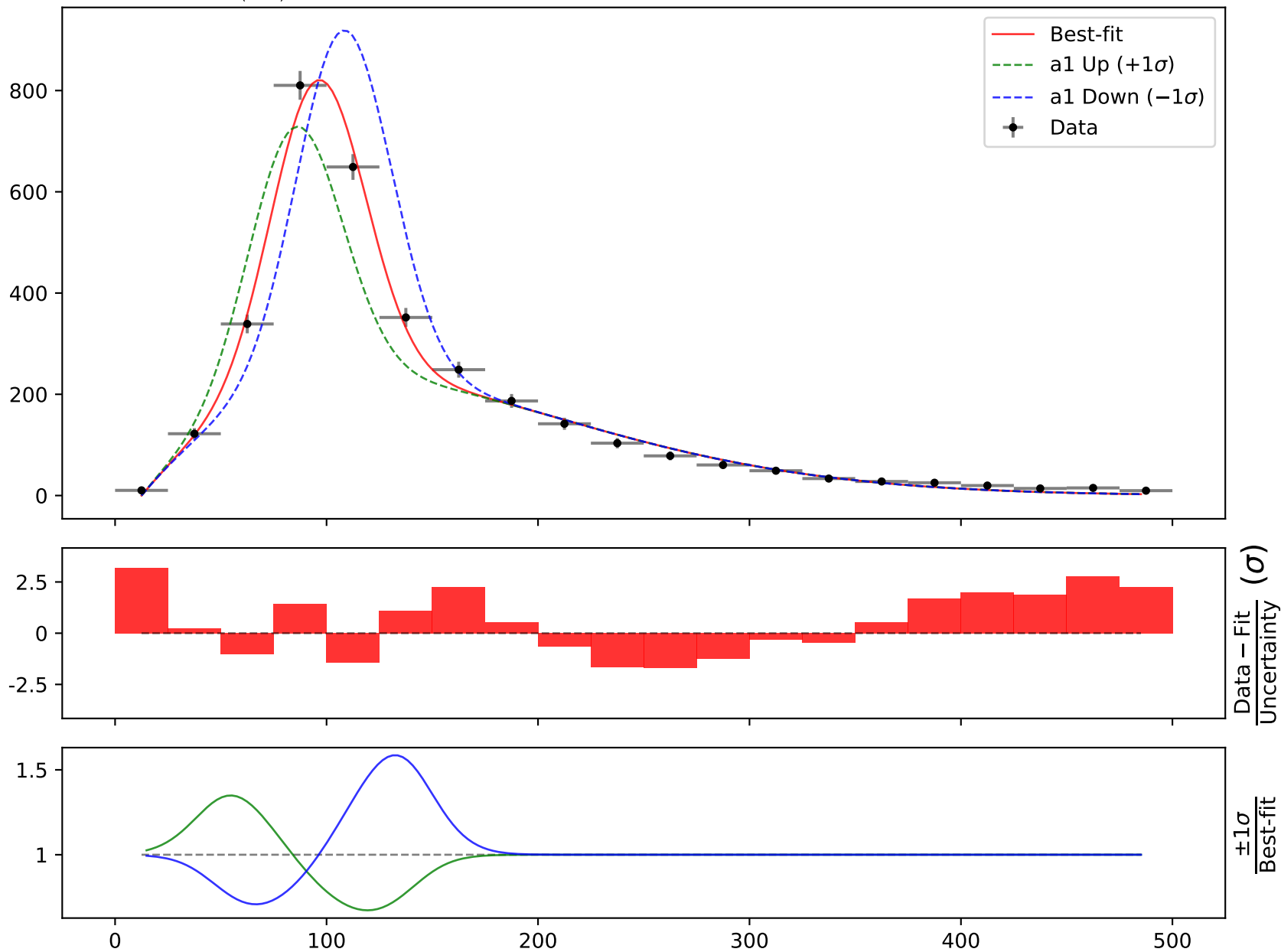
$$a_1 = -2.38853^{+0.3613(15.1\%)}_{-0.3978(16.7\%)}, \quad a_2 = 0.703316^{+0.1165(16.6\%)}_{-0.1376(19.6\%)},$$

$$a_3 = 23.4818^{+11.26(48.0\%)}_{-8.556(36.4\%)}, \quad a_4 = 14.6625^{+2.17(14.8\%)}_{-1.919(13.1\%)},$$

$$a_5 = 21.3618^{+2.088(9.77\%)}_{-2.073(9.7\%)}$$

Candidate #19

$$\chi^2/\text{NDF} = 53.57/15, \text{RMSE} = 17.72, \text{R}^2 = 0.9933$$



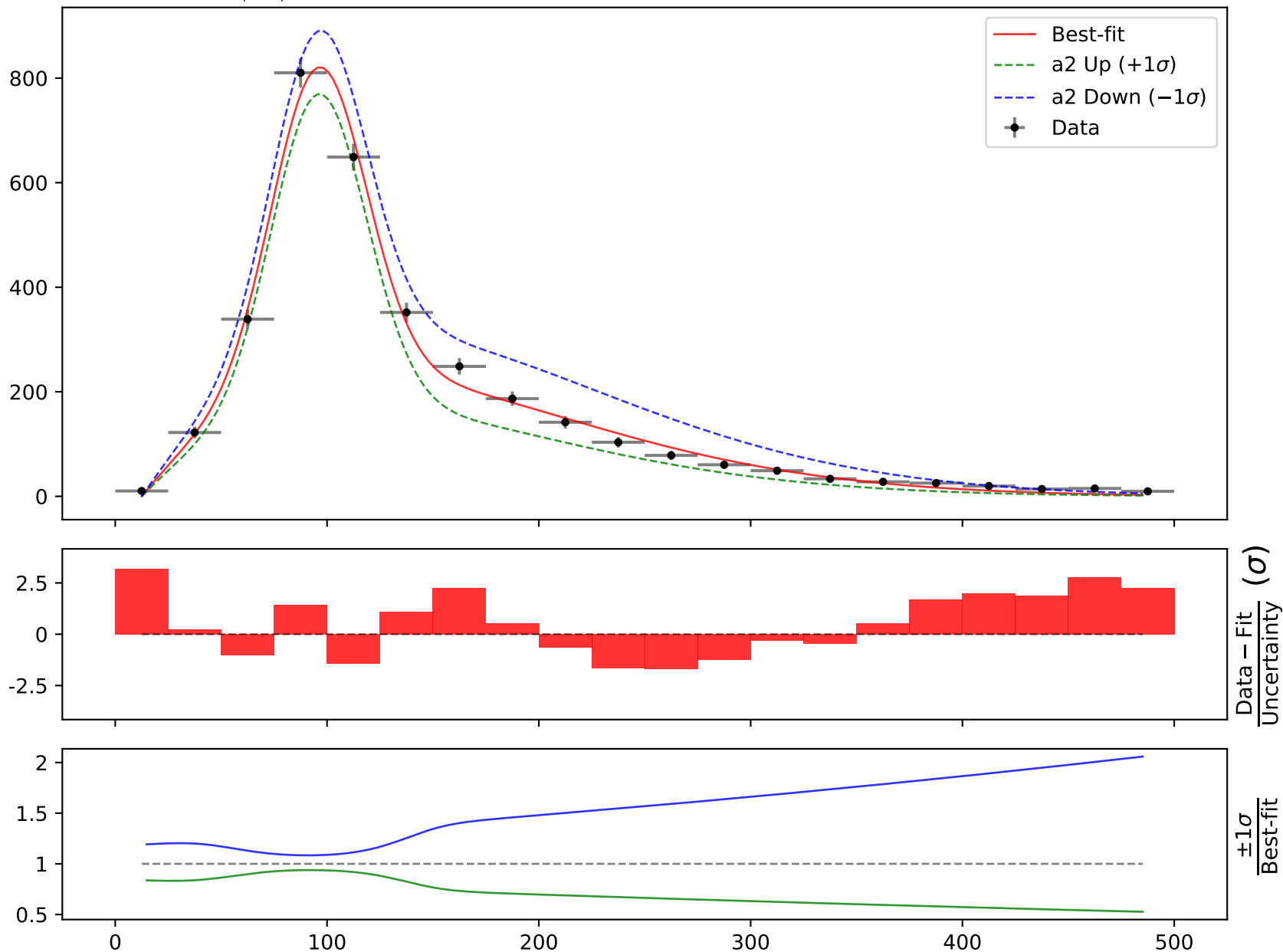
$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 + 2 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \text{gauss}(a_1 + a_4 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -2.38853^{+0.3613(15.1\%)}_{-0.3978(16.7\%)}, \quad a_2 = 0.703316^{+0.1165(16.6\%)}_{-0.1376(19.6\%)},$$

$$a_3 = 23.4818^{+11.26(48.0\%)}_{-8.556(36.4\%)}, \quad a_4 = 14.6625^{+2.17(14.8\%)}_{-1.919(13.1\%)},$$

$$a_5 = 21.3618^{+2.088(9.77\%)}_{-2.073(9.7\%)}$$

Candidate #19
 $\chi^2/\text{NDF} = 53.57/15$, RMSE = 17.72, R2 = 0.9933



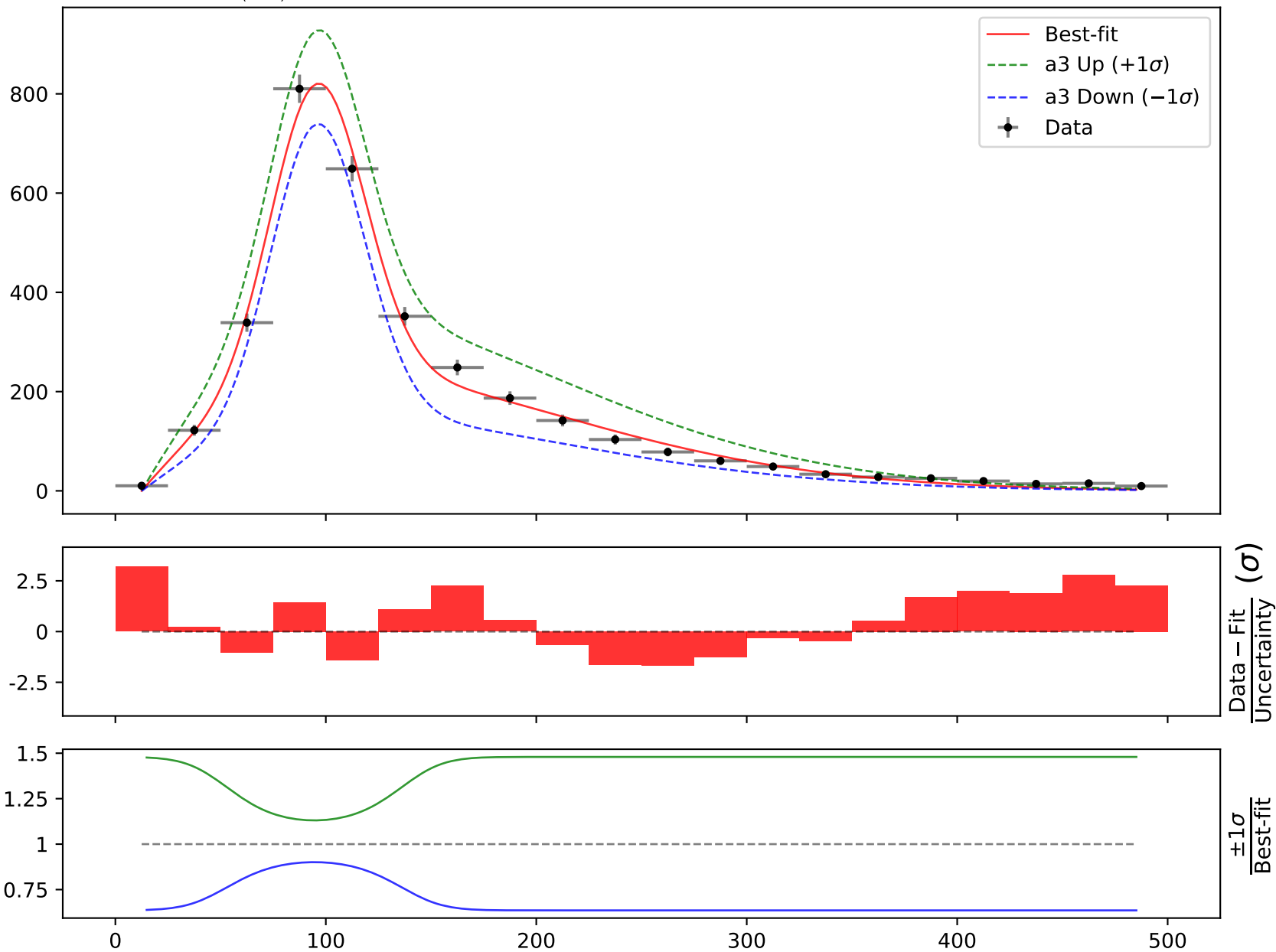
$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 + 2 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \text{gauss}(a_1 + a_4 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -2.38853^{+0.3613(15.1\%)}_{-0.3978(16.7\%)}, \quad a_2 = 0.703316^{+0.1165(16.6\%)}_{-0.1376(19.6\%)},$$

$$a_3 = 23.4818^{+11.26(48.0\%)}_{-8.556(36.4\%)}, \quad a_4 = 14.6625^{+2.17(14.8\%)}_{-1.919(13.1\%)},$$

$$a_5 = 21.3618^{+2.088(9.77\%)}_{-2.073(9.7\%)}$$

Candidate #19
 $\chi^2/\text{NDF} = 53.57/15$, RMSE = 17.72, R2 = 0.9933



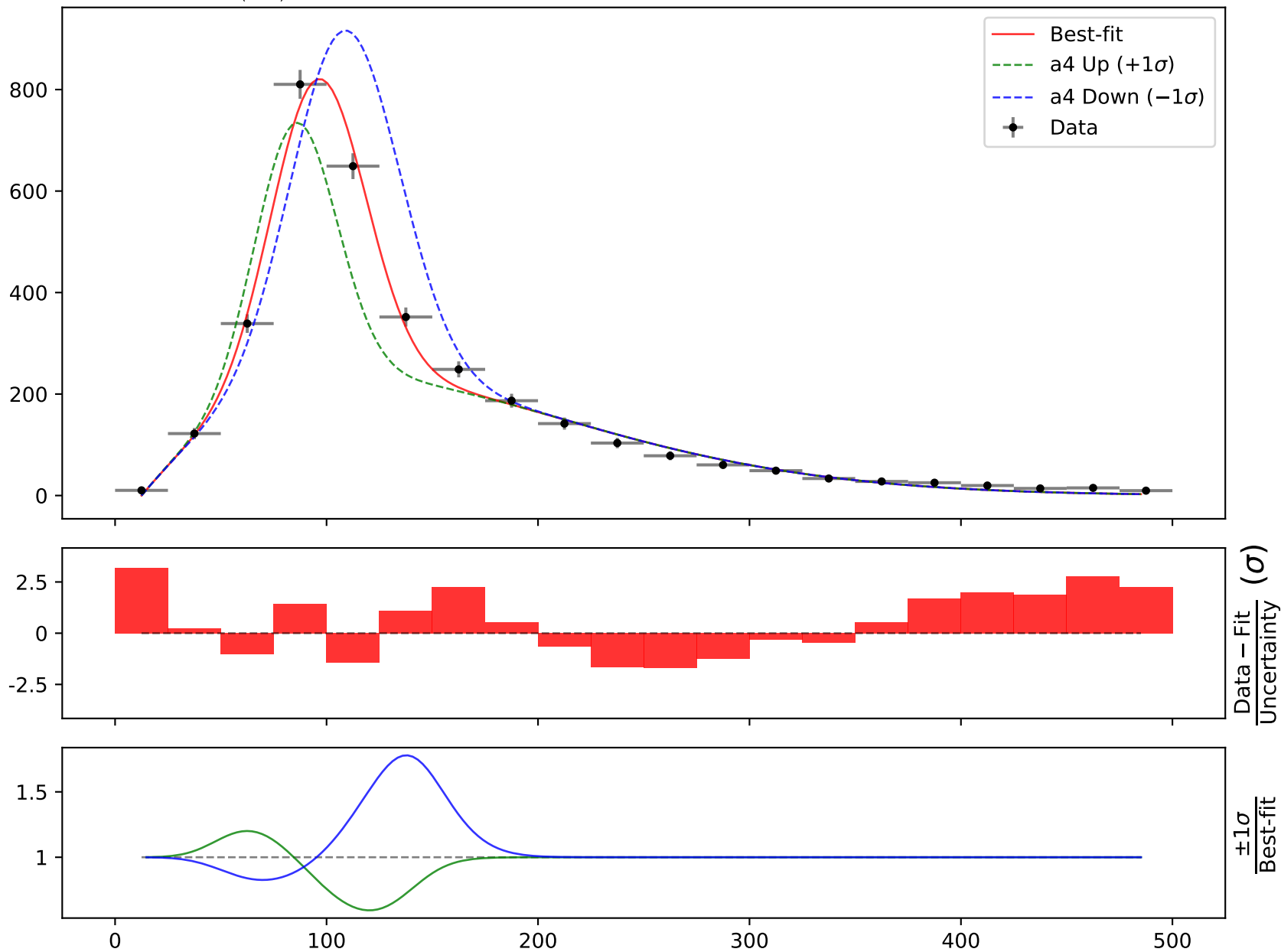
$$164.796 * (((x0 - 12.5) * 0.00210526) * (a3 * \text{gauss}(a2 + 2 * ((x0 - 12.5) * 0.00210526)) + a5 * \text{gauss}(a1 + a4 * ((x0 - 12.5) * 0.00210526))))$$

$$a1 = -2.38853^{+0.3613(15.1\%)}_{-0.3978(16.7\%)}, \quad a2 = 0.703316^{+0.1165(16.6\%)}_{-0.1376(19.6\%)},$$

$$a3 = 23.4818^{+11.26(48.0\%)}_{-8.556(36.4\%)}, \quad a4 = 14.6625^{+2.17(14.8\%)}_{-1.919(13.1\%)},$$

$$a5 = 21.3618^{+2.088(9.77\%)}_{-2.073(9.7\%)}$$

Candidate #19
 $\chi^2/\text{NDF} = 53.57/15$, RMSE = 17.72, R2 = 0.9933



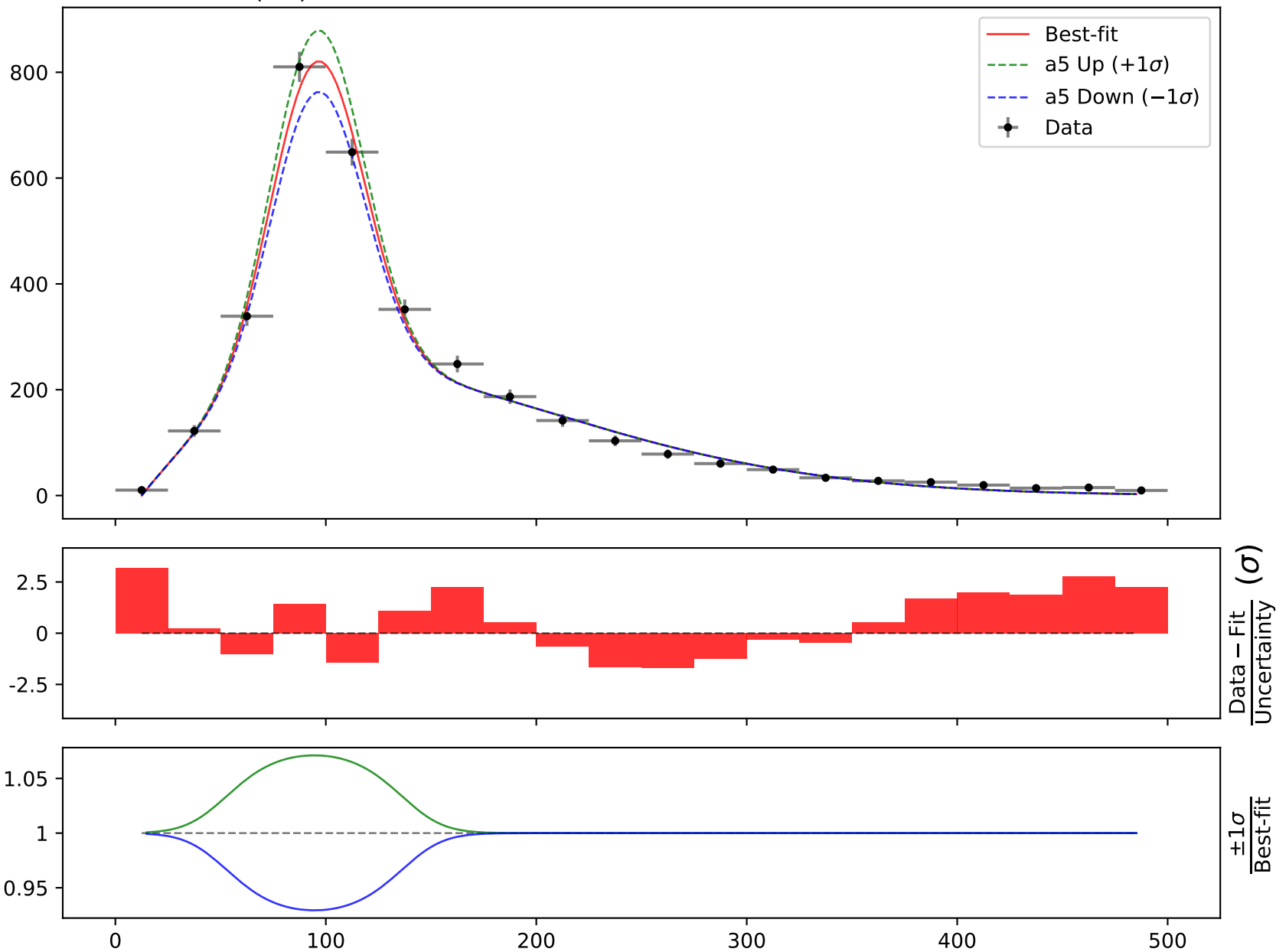
$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 + 2 * ((x_0 - 12.5) * 0.00210526)) + a_5 * \text{gauss}(a_1 + a_4 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -2.38853^{+0.3613(15.1\%)}_{-0.3978(16.7\%)}, \quad a_2 = 0.703316^{+0.1165(16.6\%)}_{-0.1376(19.6\%)},$$

$$a_3 = 23.4818^{+11.26(48.0\%)}_{-8.556(36.4\%)}, \quad a_4 = 14.6625^{+2.17(14.8\%)}_{-1.919(13.1\%)},$$

$$a_5 = 21.3618^{+2.088(9.77\%)}_{-2.073(9.7\%)}$$

Candidate #19
 $\chi^2/\text{NDF} = 53.57/15$, RMSE = 17.72, R2 = 0.9933



Candidate function #18

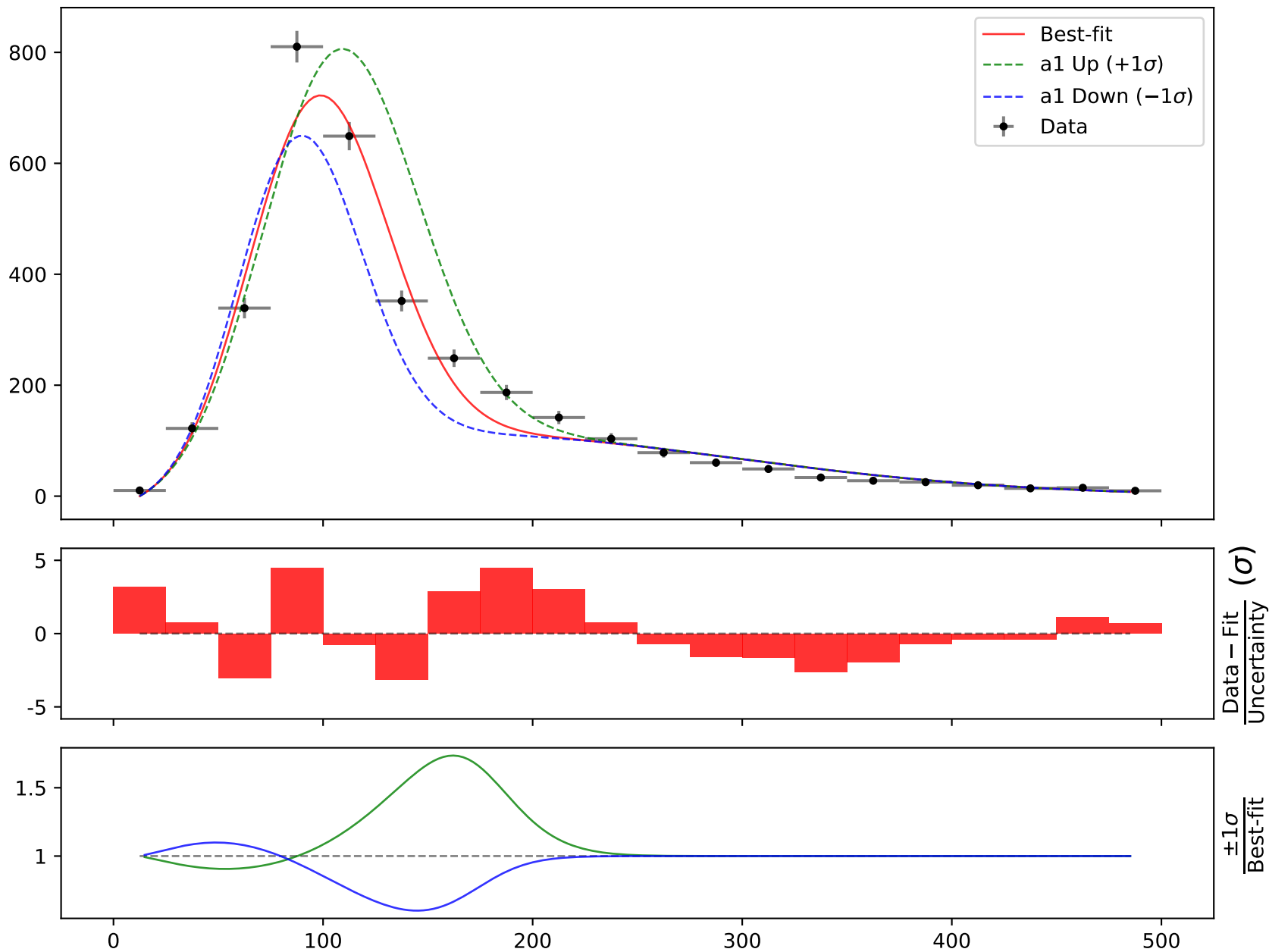
$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #18

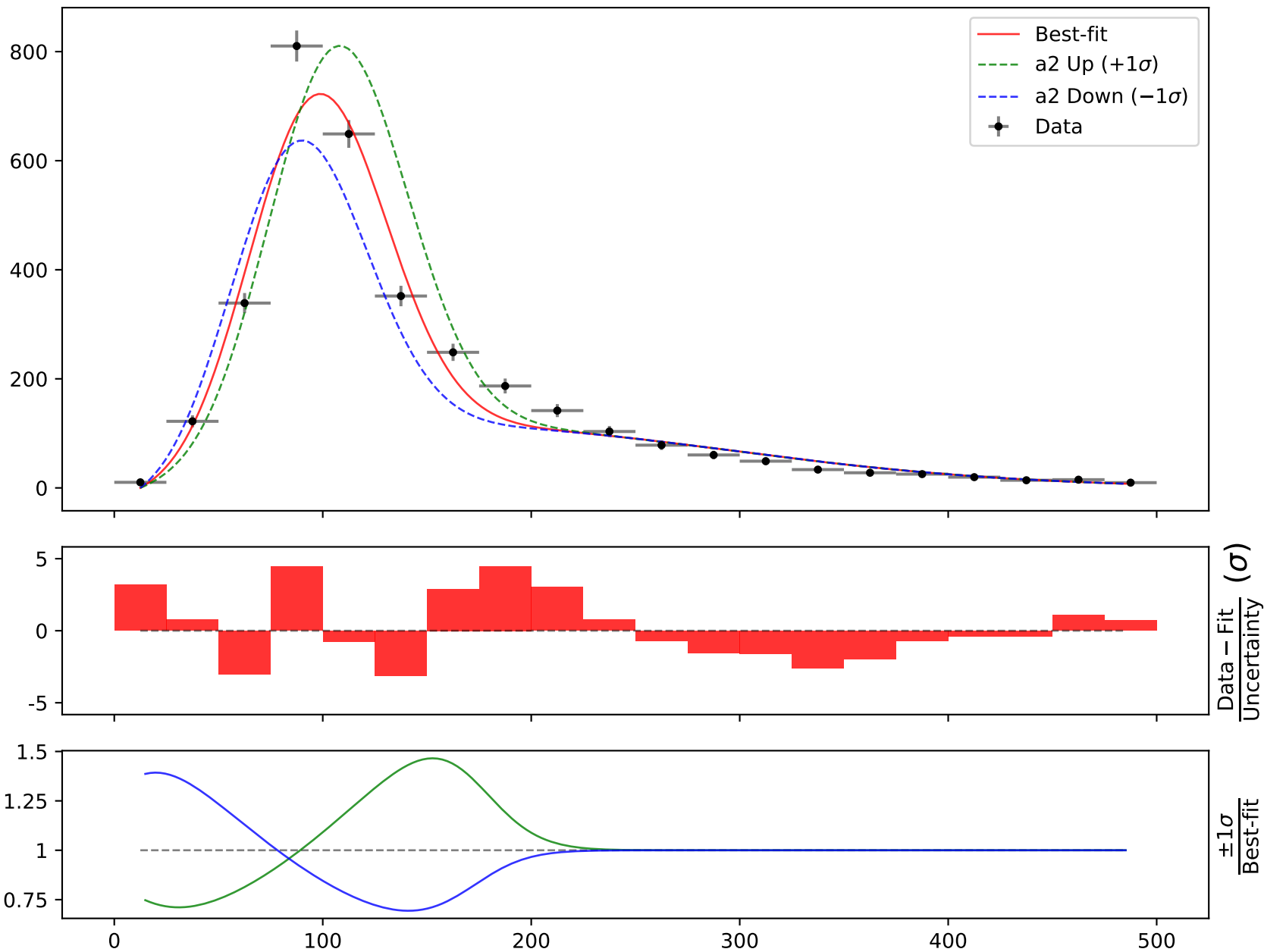
$$\chi^2/\text{NDF} = 107.0/16, \text{RMSE} = 39.45, \text{R2} = 0.9666$$



$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

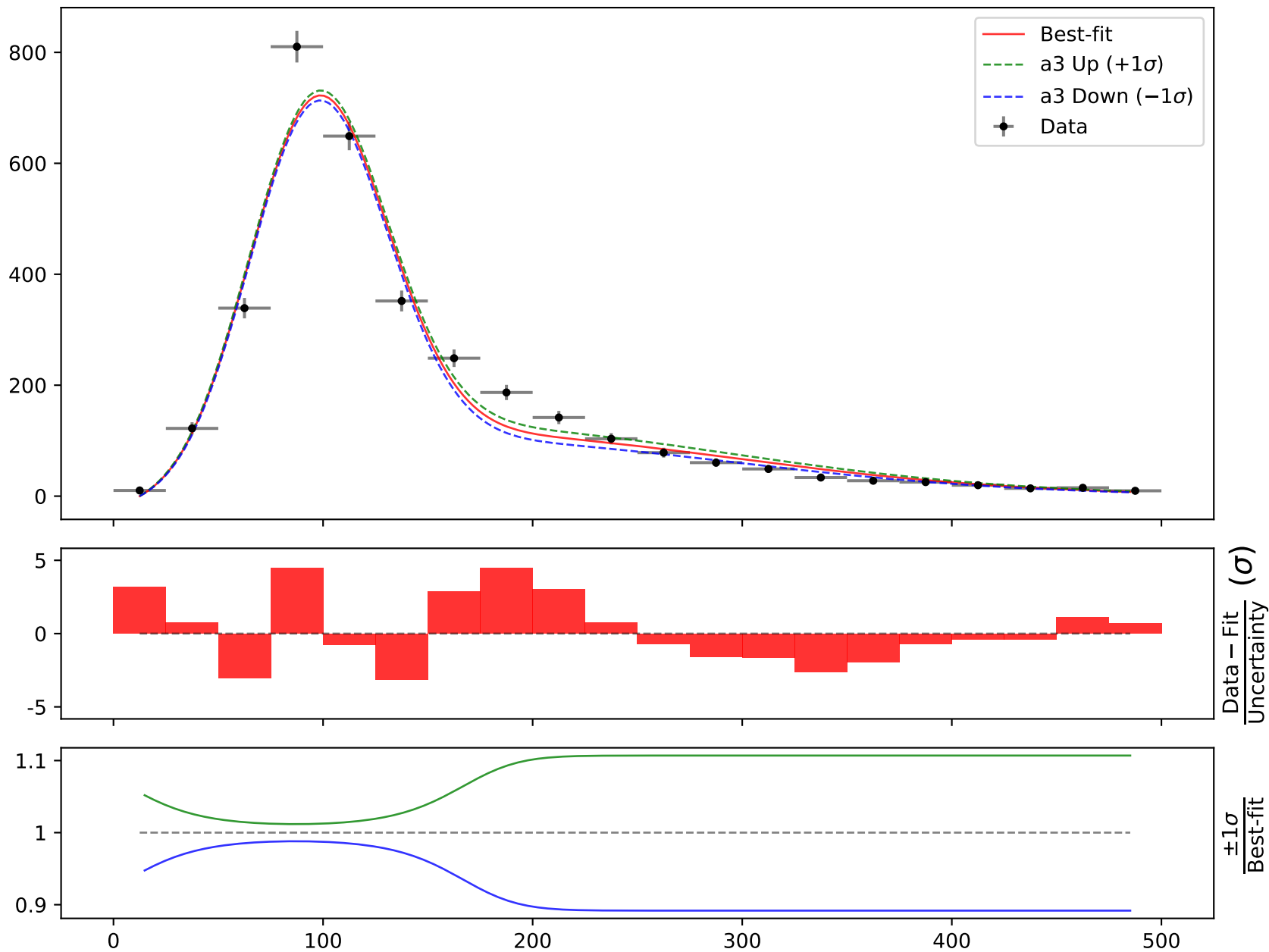
$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #18 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

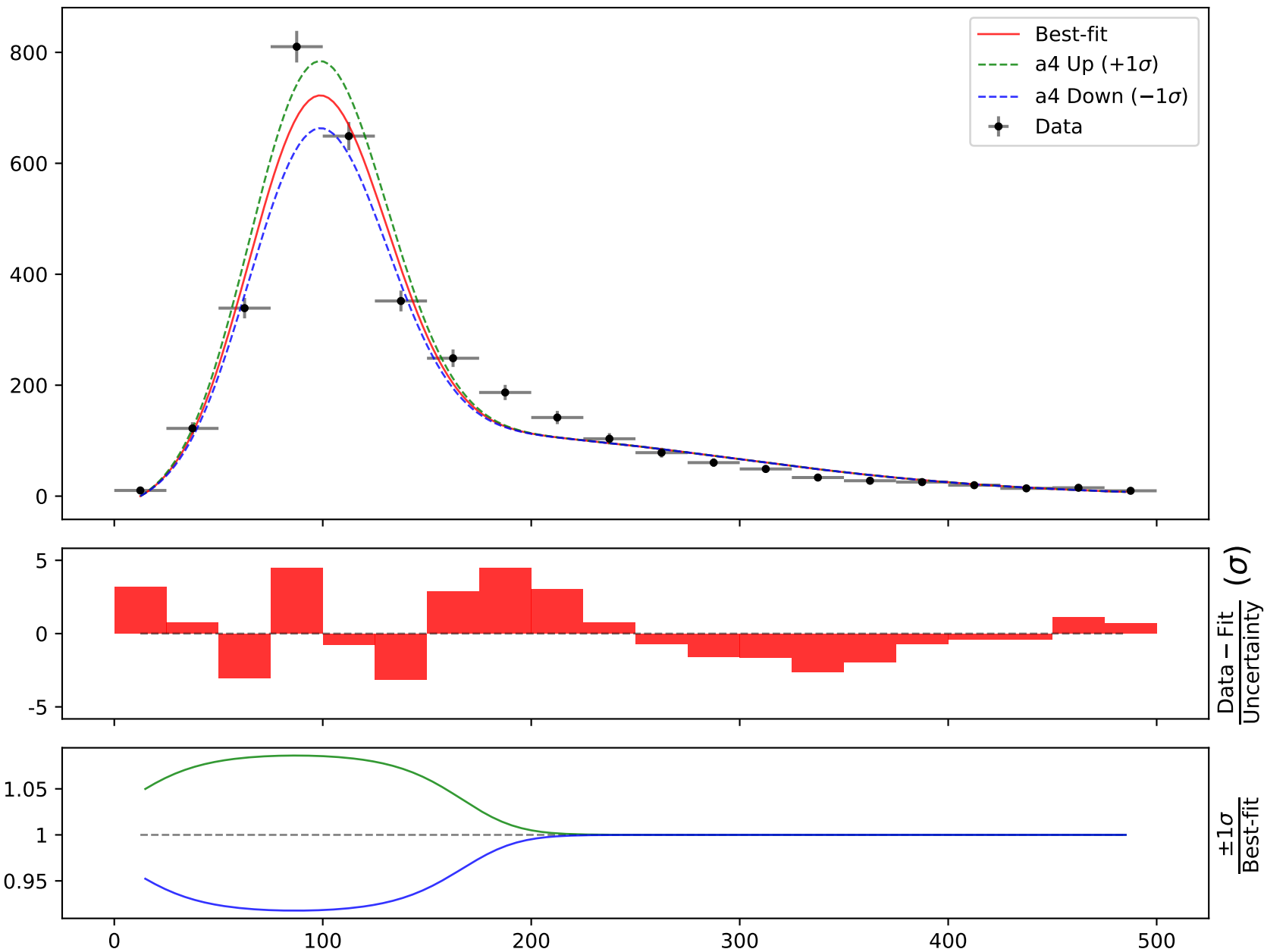
$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}$$

Candidate #18 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

$$164.796 * ((a3 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526) + a2)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -9.60501^{+1.055(11.0\%)}_{-1.129(11.8\%)}, \quad a2 = 1.4386^{+0.2245(15.6\%)}_{-0.2185(15.2\%)},$$

$$a3 = 3.2271^{+0.3451(10.7\%)}_{-0.3493(10.8\%)}, \quad \mathbf{a4 = 23.6931^{+2.295(9.69\%)}_{-2.192(9.25\%)}}$$

Candidate #18 $\chi^2/\text{NDF} = 107.0/16$, RMSE = 39.45, R2 = 0.9666

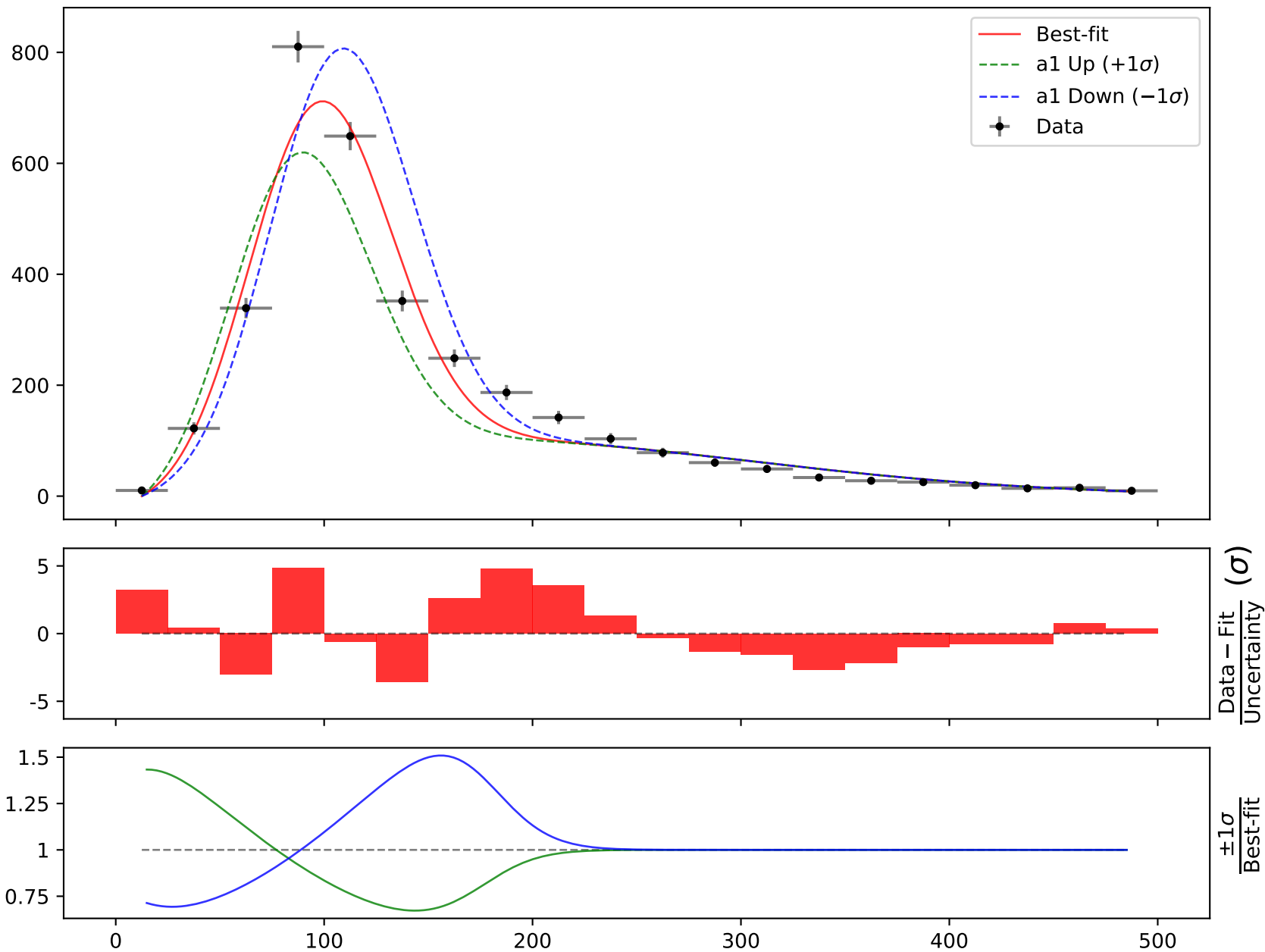
Candidate function #17

$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_2 * \text{gauss}(2 * ((x_0 - 12.5) * 0.00210526)) + a_4 * \text{gauss}(a_1 + a_3 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -1.37337^{+0.2275(16.6\%)}_{-0.2315(16.9\%)}, \quad a_2 = 2.82787^{+0.3268(11.6\%)}_{-0.3309(11.7\%)}, \\ a_3 = 9.27332^{+1.151(12.4\%)}_{-1.079(11.6\%)}, \quad a_4 = 23.4696^{+2.376(10.1\%)}_{-2.262(9.64\%)}$$

Candidate #17

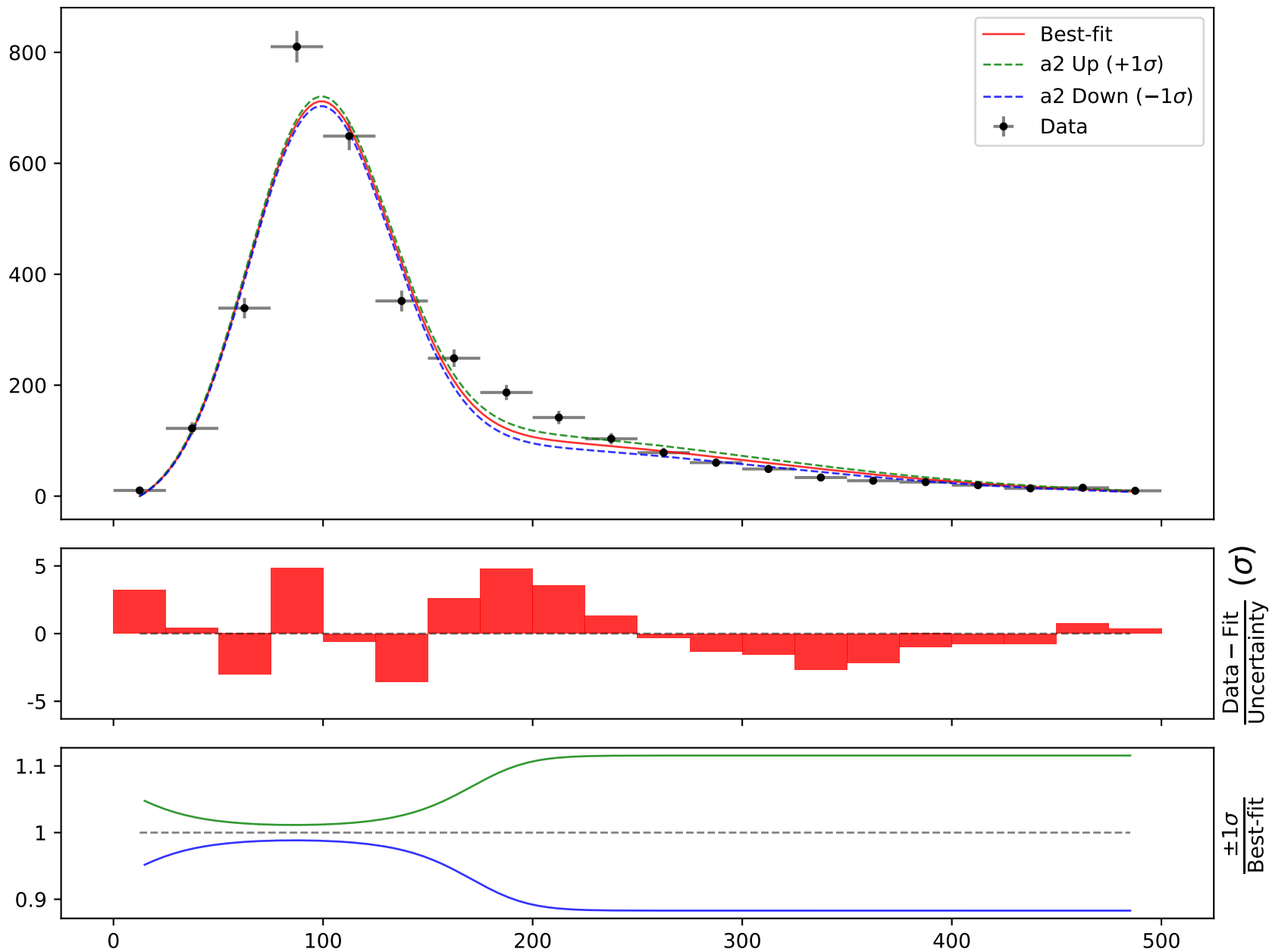
$$\chi^2/\text{NDF} = 119.1/16, \text{RMSE} = 42.19, \text{R2} = 0.9618$$



$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_2 * \text{gauss}(2 * ((x_0 - 12.5) * 0.00210526)) + a_4 * \text{gauss}(a_1 + a_3 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -1.37337^{+0.2275(16.6\%)}_{-0.2315(16.9\%)}, \quad a_2 = 2.82787^{+0.3268(11.6\%)}_{-0.3309(11.7\%)},$$

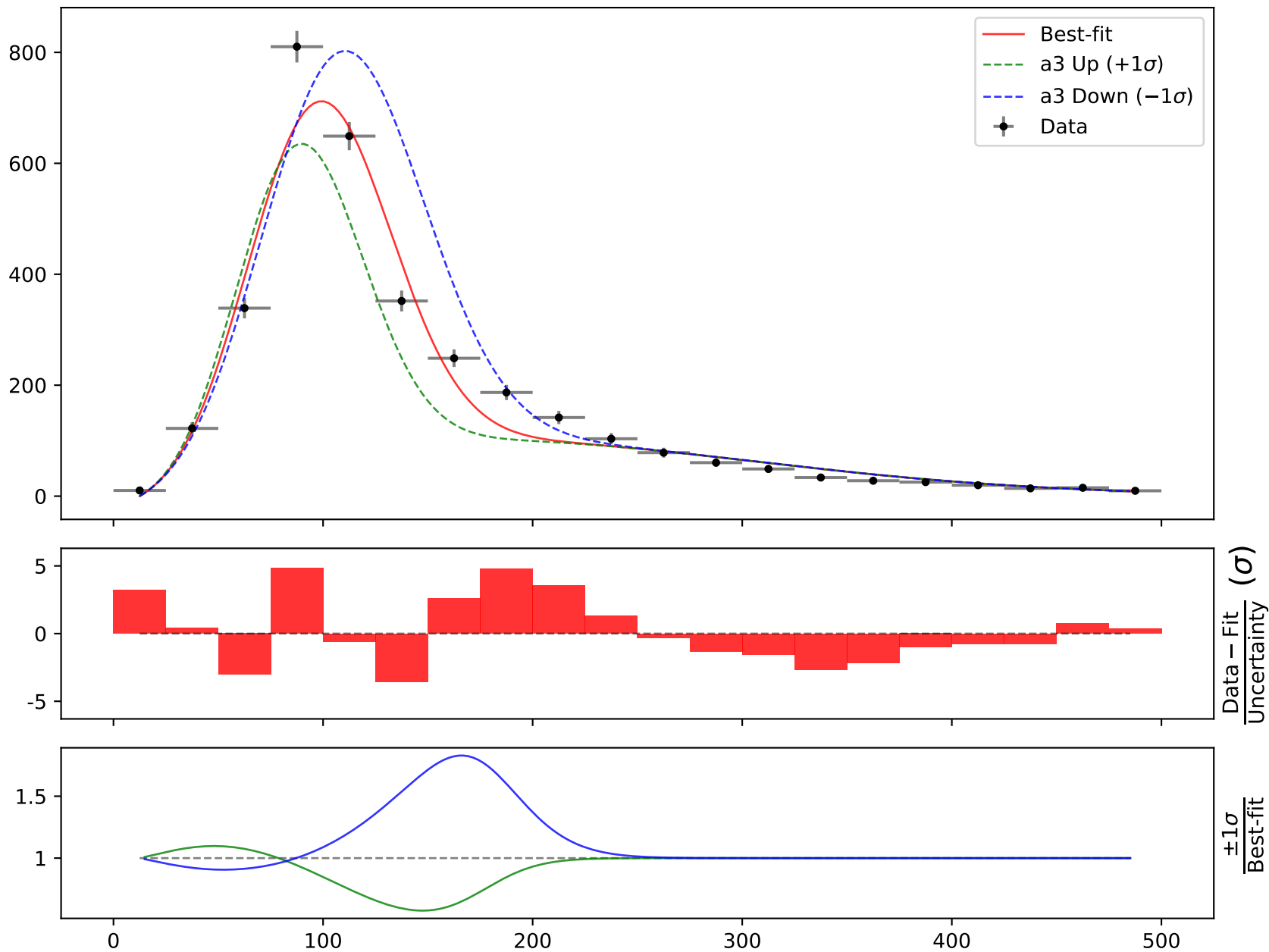
$$a_3 = 9.27332^{+1.151(12.4\%)}_{-1.079(11.6\%)}, \quad a_4 = 23.4696^{+2.376(10.1\%)}_{-2.262(9.64\%)}$$

Candidate #17 $\chi^2/\text{NDF} = 119.1/16$, RMSE = 42.19, R2 = 0.9618

$$164.796 * (((x0 - 12.5) * 0.00210526) * (a2 * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)) + a4 * \text{gauss}(a1 + a3 * ((x0 - 12.5) * 0.00210526))))$$

$$a1 = -1.37337^{+0.2275(16.6\%)}_{-0.2315(16.9\%)}, \quad a2 = 2.82787^{+0.3268(11.6\%)}_{-0.3309(11.7\%)},$$

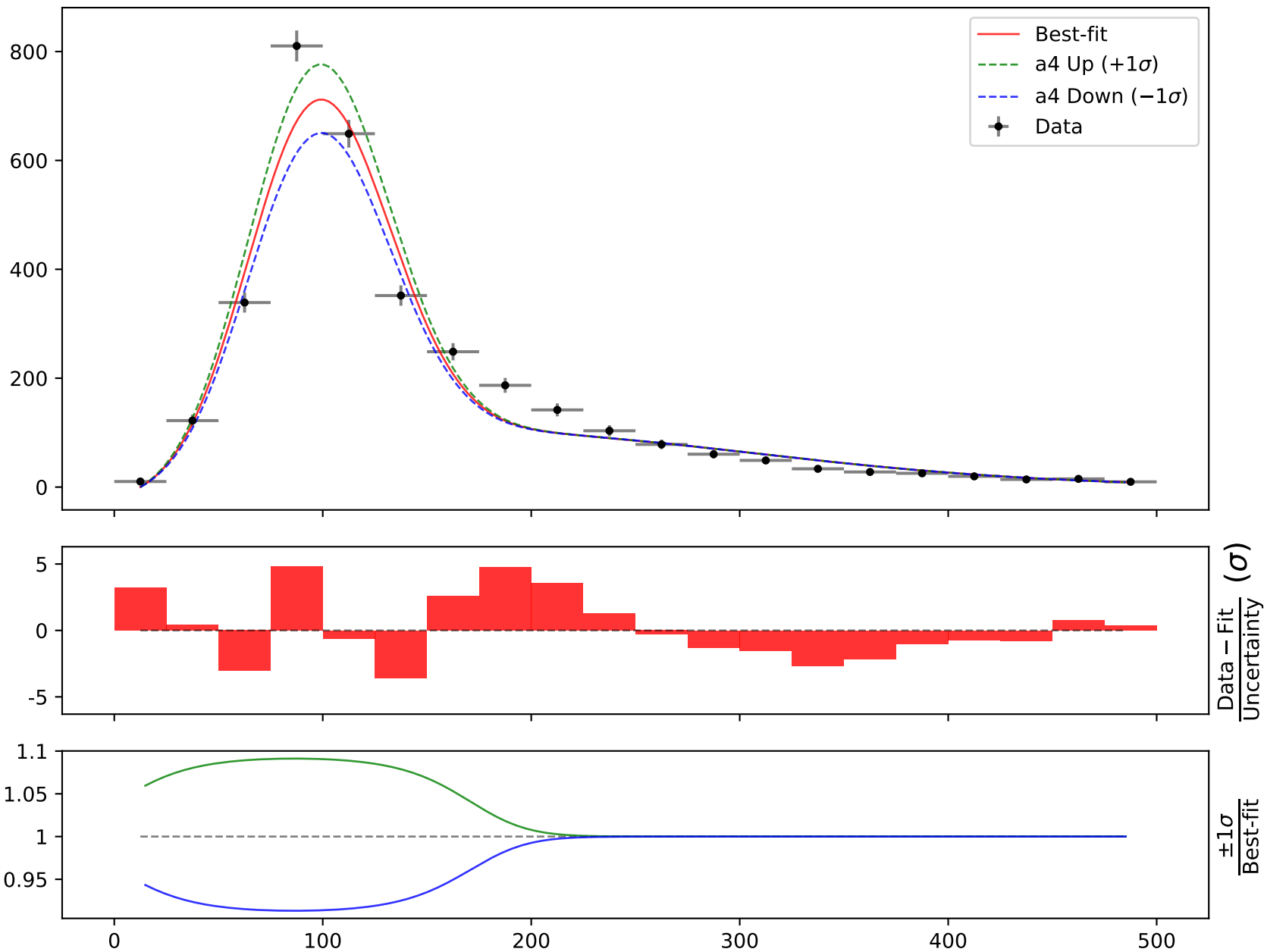
$$a3 = 9.27332^{+1.151(12.4\%)}_{-1.079(11.6\%)}, \quad a4 = 23.4696^{+2.376(10.1\%)}_{-2.262(9.64\%)}$$

Candidate #17 $\chi^2/\text{NDF} = 119.1/16$, RMSE = 42.19, R2 = 0.9618

$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_2 * \text{gauss}(2 * ((x_0 - 12.5) * 0.00210526)) + a_4 * \text{gauss}(a_1 + a_3 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -1.37337^{+0.2275(16.6\%)}_{-0.2315(16.9\%)}, \quad a_2 = 2.82787^{+0.3268(11.6\%)}_{-0.3309(11.7\%)},$$

$$a_3 = 9.27332^{+1.151(12.4\%)}_{-1.079(11.6\%)}, \quad \mathbf{a_4 = 23.4696^{+2.376(10.1\%)}_{-2.262(9.64\%)}}$$

Candidate #17 $\chi^2/\text{NDF} = 119.1/16$, RMSE = 42.19, R2 = 0.9618

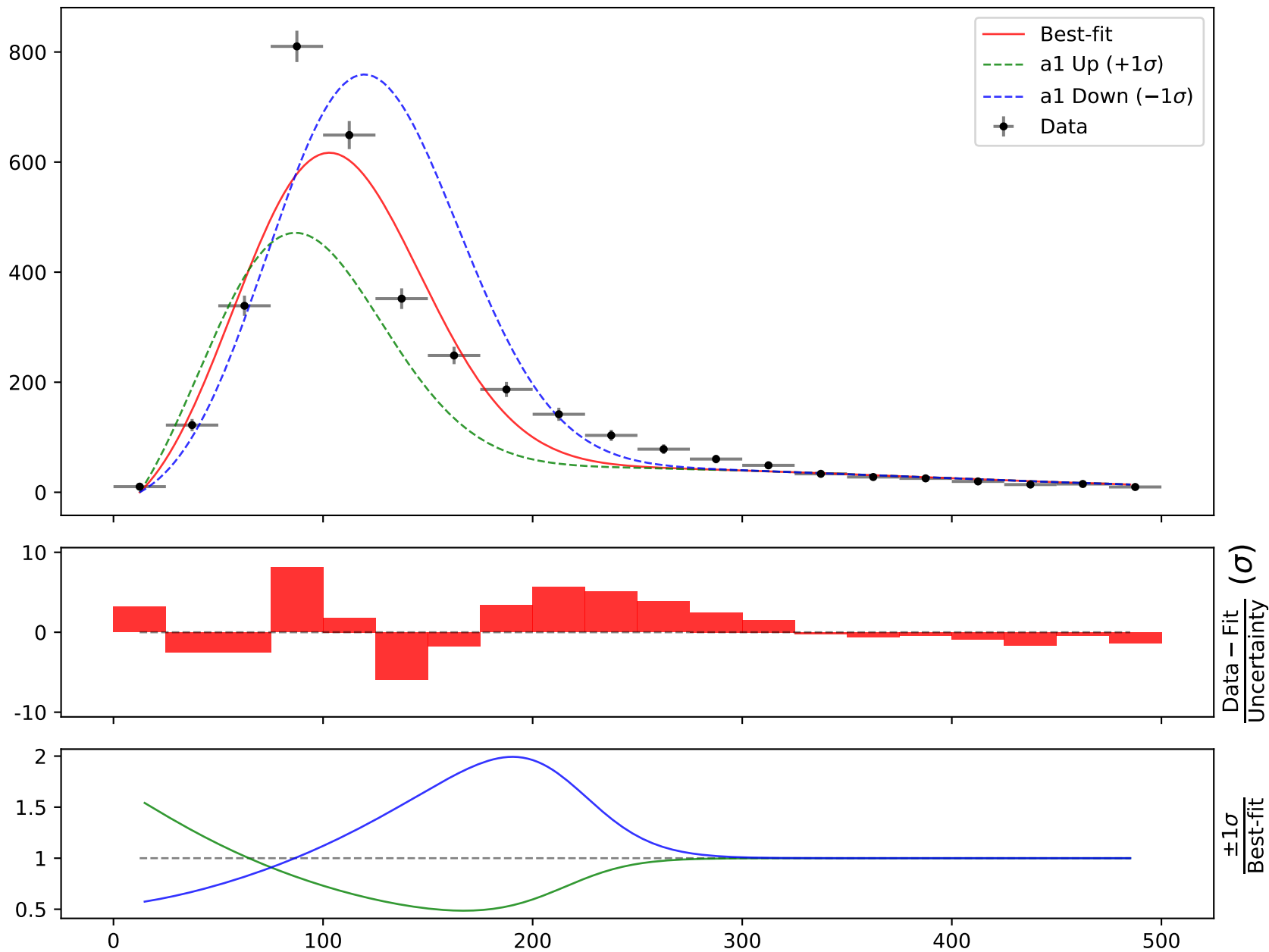
Candidate function #16

$$164.796*((a4*\text{gauss}(a1 + a3*((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2*((x0 - 12.5) * 0.00210526)))*\tanh(((x0 - 12.5) * 0.00210526)))$$

$$\begin{aligned} a1 &= -0.912847^{+0.3258(35.7\%)}_{-0.3053(33.4\%)}, & a2 &= 1.48585^{+0.1328(8.94\%)}_{-0.1118(7.53\%)}, \\ a3 &= 6.83587^{+1.355(19.8\%)}_{-1.247(18.2\%)}, & a4 &= 22.0732^{+3.026(13.7\%)}_{-2.747(12.4\%)} \end{aligned}$$

Candidate #16

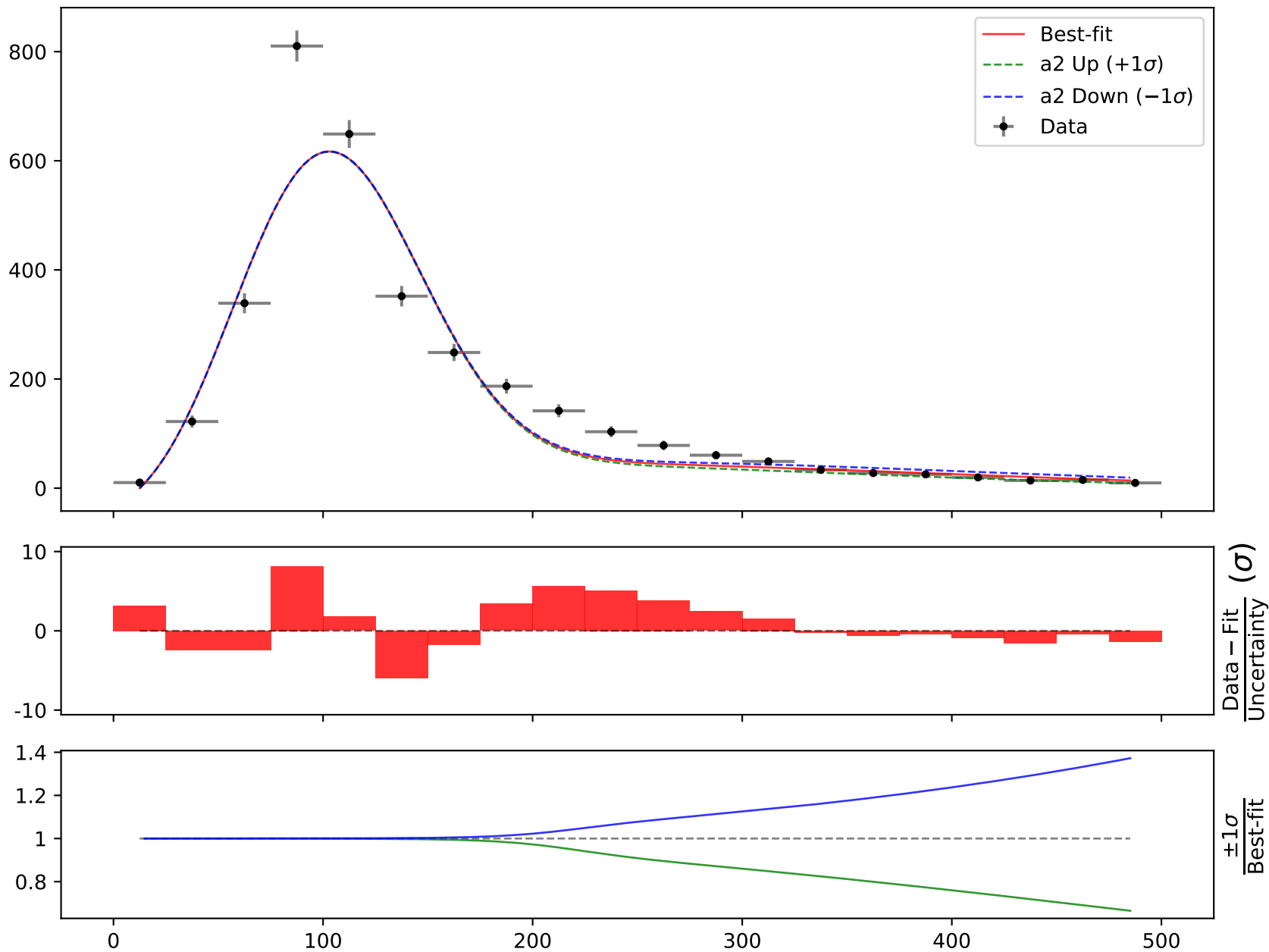
$$\chi^2/\text{NDF} = 228.7/16, \text{RMSE} = 64.41, \text{R}^2 = 0.9109$$



$$164.796*((a4*\text{gauss}(a1 + a3*((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2*((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -0.912847^{+0.3258(35.7\%)}_{-0.3053(33.4\%)}, \quad a2 = 1.48585^{+0.1328(8.94\%)}_{-0.1118(7.53\%)},$$

$$a3 = 6.83587^{+1.355(19.8\%)}_{-1.247(18.2\%)}, \quad a4 = 22.0732^{+3.026(13.7\%)}_{-2.747(12.4\%)}$$

Candidate #16 $\chi^2/\text{NDF} = 228.7/16$, RMSE = 64.41, R2 = 0.9109

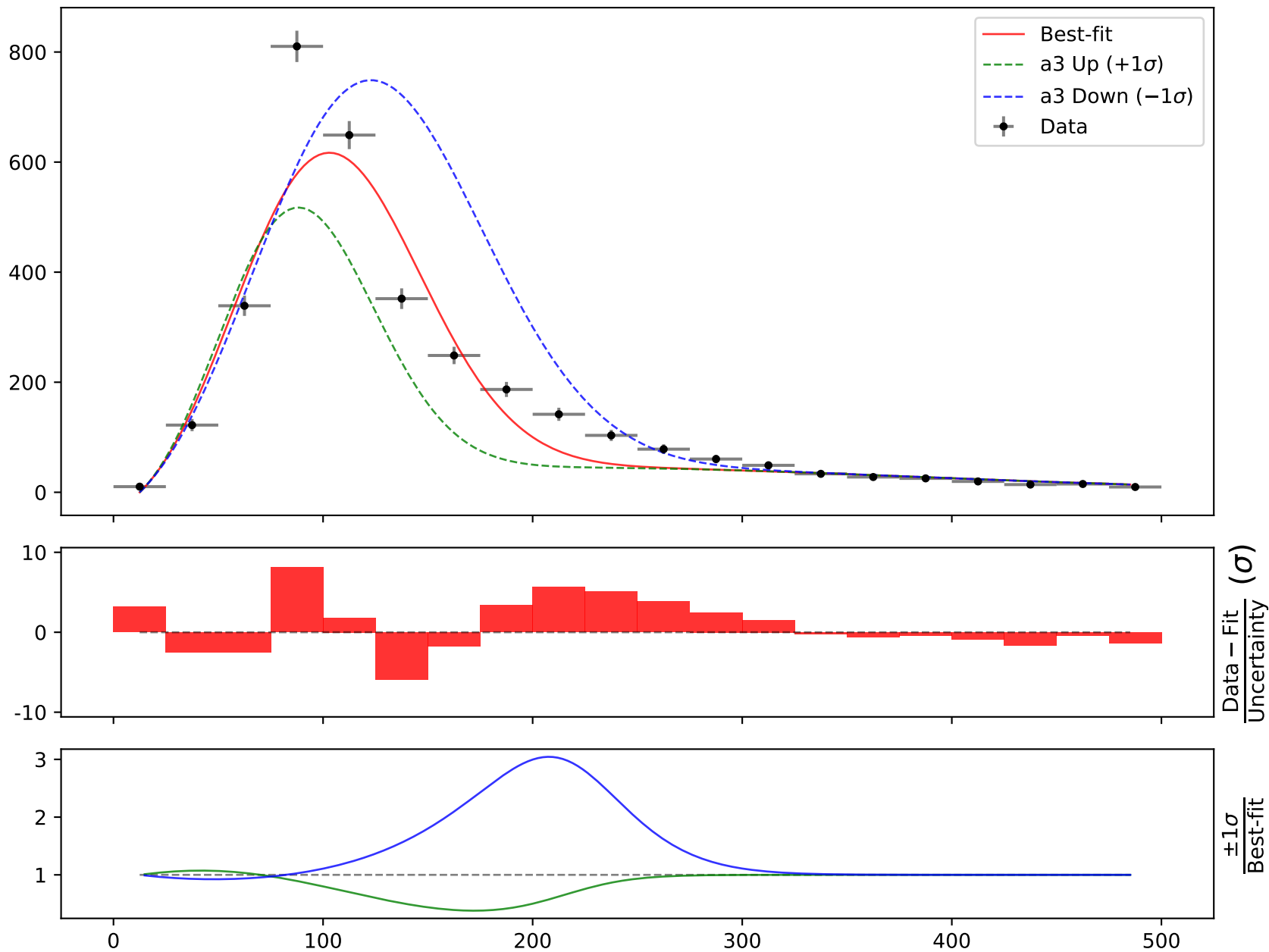
$$164.796*((a4*\text{gauss}(a1 + a3*((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2*((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -0.912847^{+0.3258(35.7\%)}_{-0.3053(33.4\%)}, \quad a2 = 1.48585^{+0.1328(8.94\%)}_{-0.1118(7.53\%)},$$

$$a3 = 6.83587^{+1.355(19.8\%)}_{-1.247(18.2\%)}, \quad a4 = 22.0732^{+3.026(13.7\%)}_{-2.747(12.4\%)}$$

Candidate #16

$$\chi^2/\text{NDF} = 228.7/16, \text{RMSE} = 64.41, \text{R2} = 0.9109$$



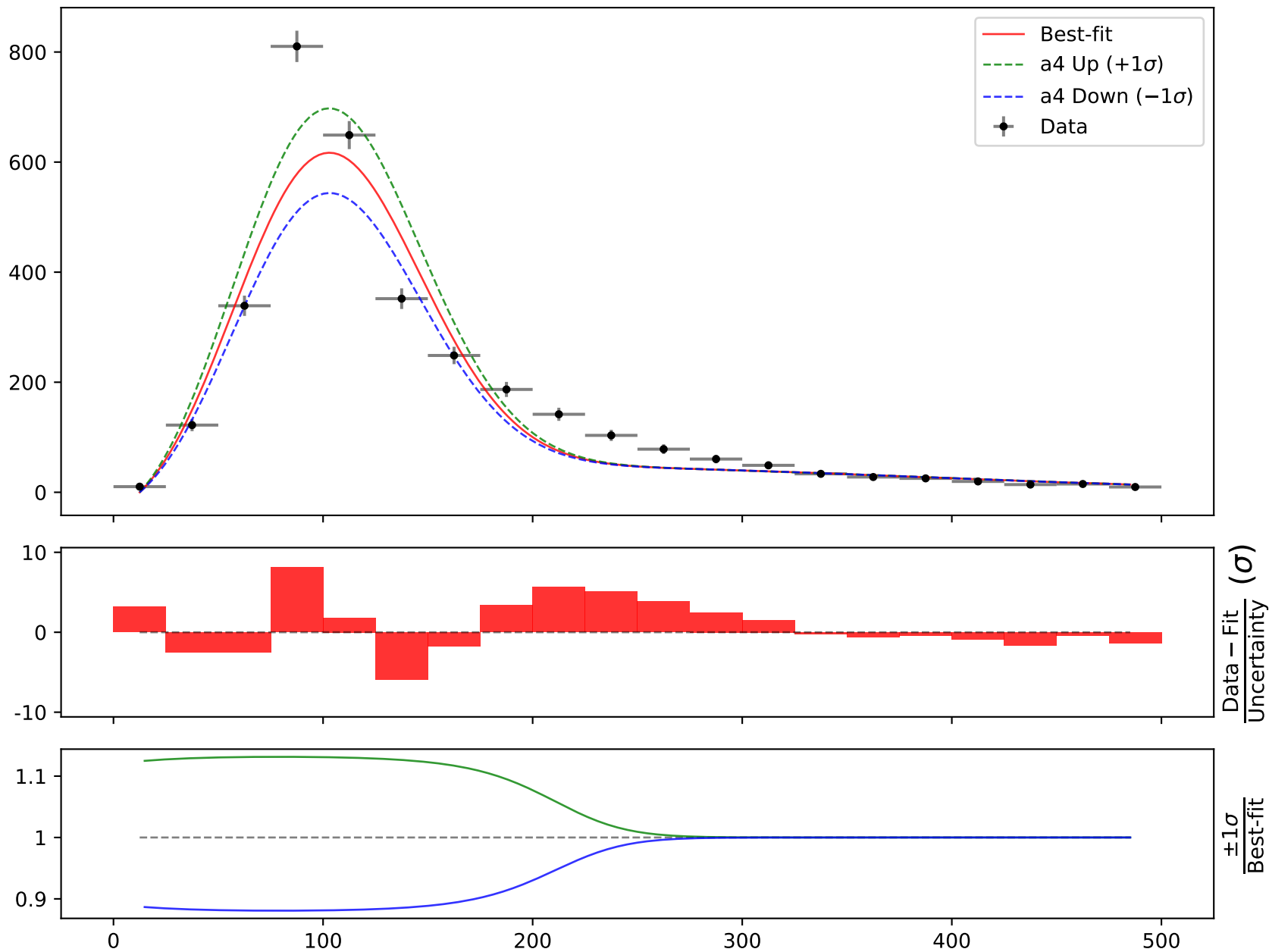
$$164.796 * ((a4 * \text{gauss}(a1 + a3 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -0.912847^{+0.3258(35.7\%)}_{-0.3053(33.4\%)}, \quad a2 = 1.48585^{+0.1328(8.94\%)}_{-0.1118(7.53\%)},$$

$$a3 = 6.83587^{+1.355(19.8\%)}_{-1.247(18.2\%)}, \quad a4 = 22.0732^{+3.026(13.7\%)}_{-2.747(12.4\%)}$$

Candidate #16

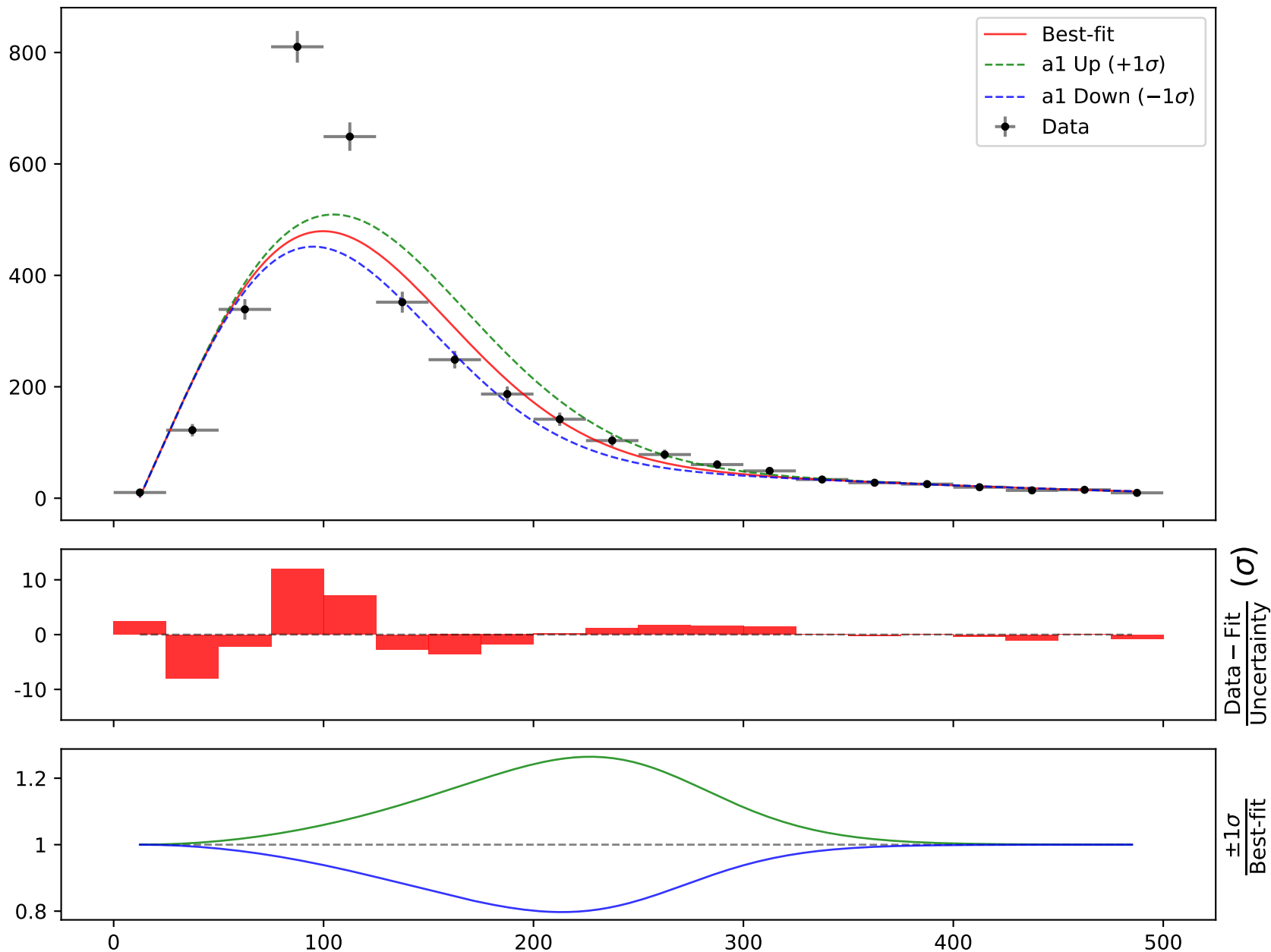
$$\chi^2/\text{NDF} = 228.7/16, \text{RMSE} = 64.41, \text{R2} = 0.9109$$



Candidate function #15

$$164.796 * (a_3 + ((x_0 - 12.5) * 0.00210526) * (a_4 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \exp(((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526))))$$

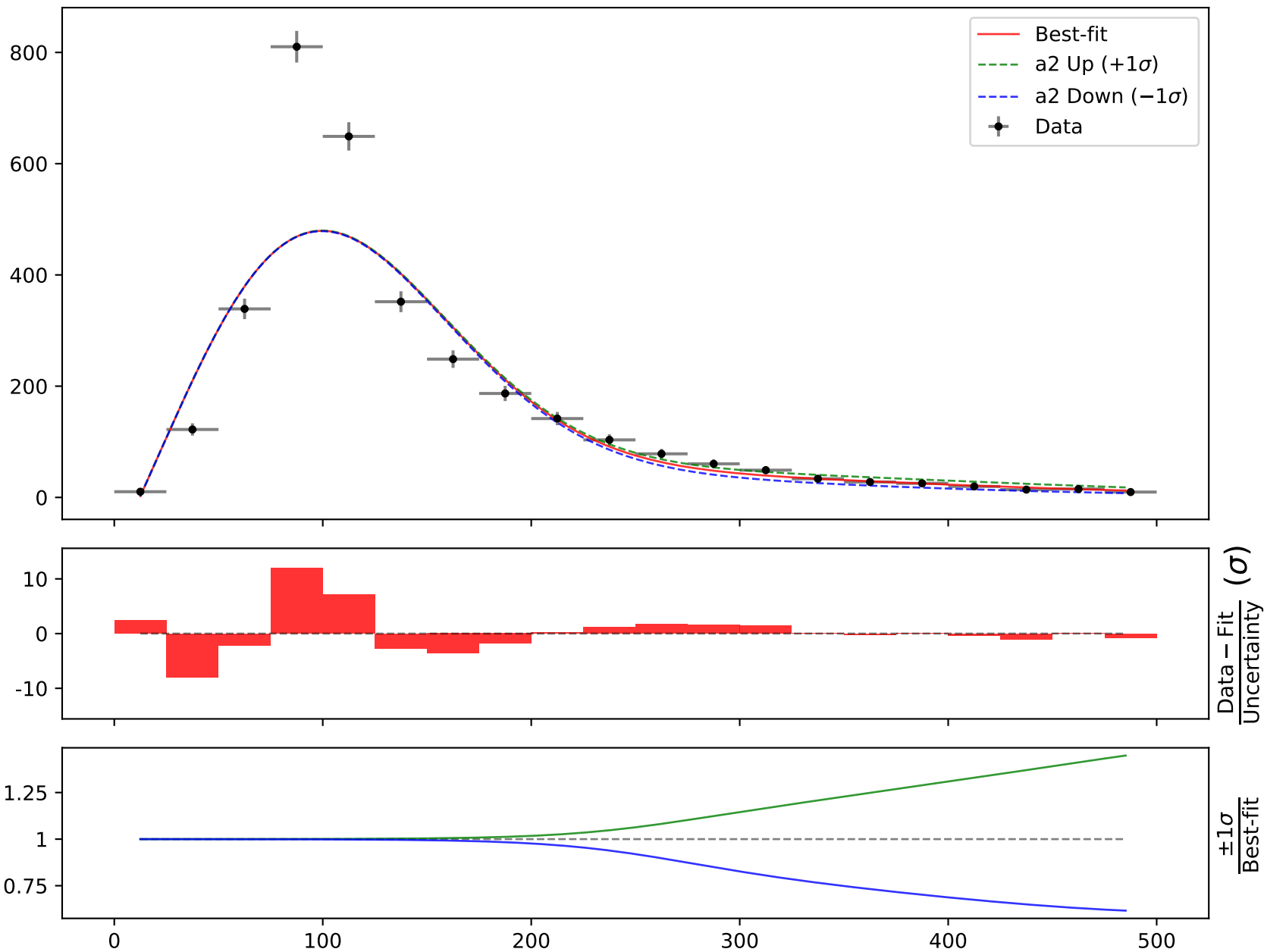
$$a_1 = -4.27641^{+0.2172(5.08\%)}_{-0.2274(5.32\%)}, \quad a_2 = -1.67665^{+0.1376(8.21\%)}_{-0.1816(10.8\%)}, \\ a_3 = 0.0139, \quad a_4 = 22.9032^{+3.25(14.2\%)}_{-3.105(13.6\%)}$$

Candidate #15 $\chi^2/\text{NDF} = 302.2/17$, RMSE = 90.94, R2 = 0.8224

$$164.796 * (a3 + ((x0 - 12.5) * 0.00210526) * (a4 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)) * \exp(((x0 - 12.5) * 0.00210526)) + \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526))))$$

$$a1 = -4.27641^{+0.2172(5.08\%)}_{-0.2274(5.32\%)}, \quad a2 = -1.67665^{+0.1376(8.21\%)}_{-0.1816(10.8\%)},$$

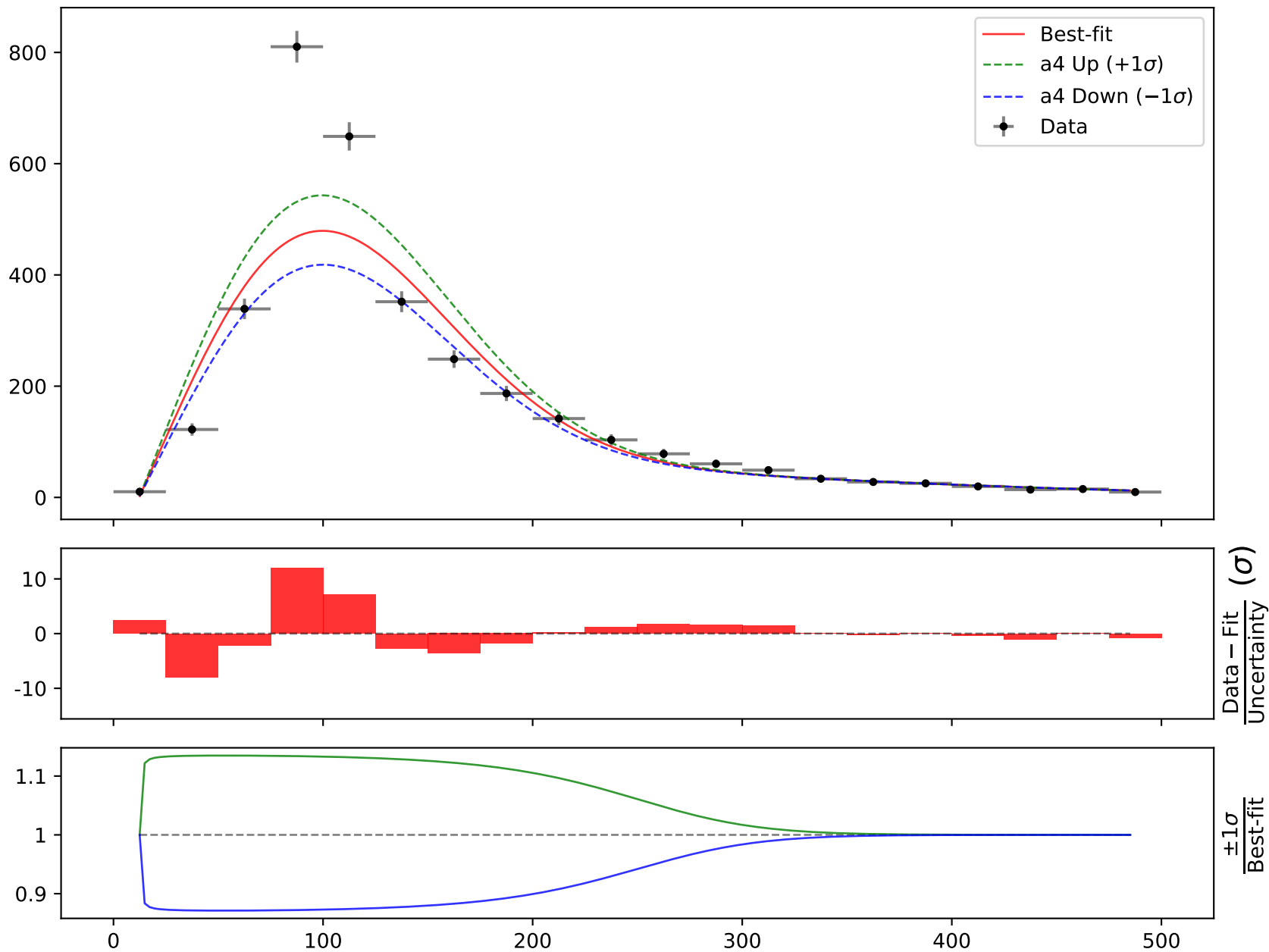
$$a3 = 0.0139, \quad a4 = 22.9032^{+3.25(14.2\%)}_{-3.105(13.6\%)}$$

Candidate #15 $\chi^2/\text{NDF} = 302.2/17$, RMSE = 90.94, R2 = 0.8224

$$164.796 * (a_3 + ((x_0 - 12.5) * 0.00210526) * (a_4 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \exp(((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -4.27641^{+0.2172(5.08\%)}_{-0.2274(5.32\%)}, \quad a_2 = -1.67665^{+0.1376(8.21\%)}_{-0.1816(10.8\%)},$$

$$a_3 = 0.0139, \quad a_4 = 22.9032^{+3.25(14.2\%)}_{-3.105(13.6\%)}$$

Candidate #15 $\chi^2/\text{NDF} = 302.2/17$, RMSE = 90.94, R2 = 0.8224

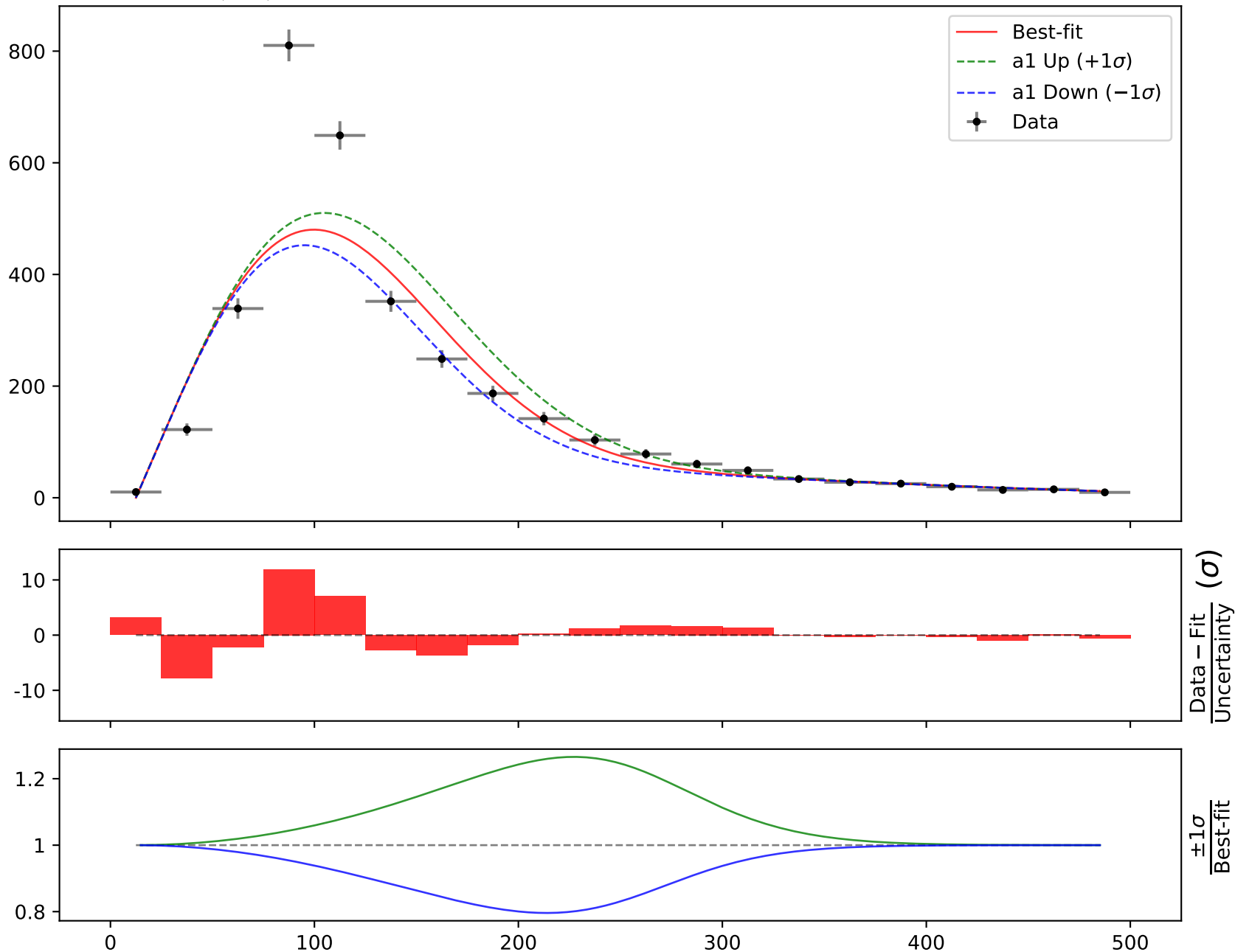
Candidate function #14

$$164.796 * (((x0 - 12.5) * 0.00210526) * (a3 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)) * \exp(((x0 - 12.5) * 0.00210526))) + \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526))))$$

$$a1 = -4.27588^{+0.216(5.05\%)}_{-0.2264(5.29\%)}, \quad a2 = -1.62628^{+0.1284(7.89\%)}_{-0.1646(10.1\%)}, \\ a3 = 23.055^{+3.26(14.1\%)}_{-3.114(13.5\%)}$$

Candidate #14

$$\chi^2/\text{NDF} = 304.0/17, \text{ RMSE} = 90.7, \text{ R}^2 = 0.8234$$

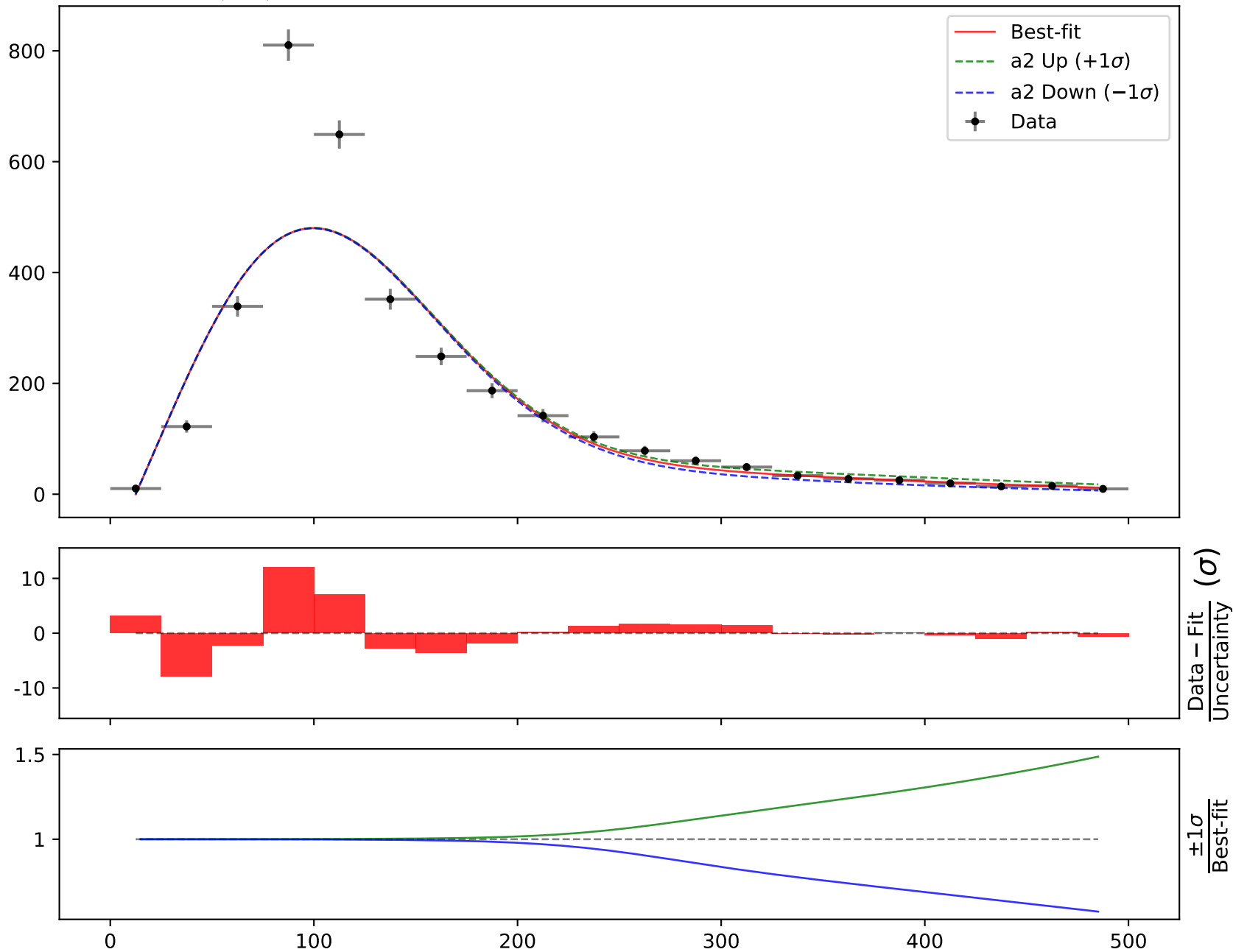


$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \exp(((x_0 - 12.5) * 0.00210526))) + \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -4.27588^{+0.216(5.05\%)}_{-0.2264(5.29\%)}, \quad a_2 = -1.62628^{+0.1284(7.89\%)}_{-0.1646(10.1\%)},$$

$$a_3 = 23.055^{+3.26(14.1\%)}_{-3.114(13.5\%)}$$

Candidate #14
 $\chi^2/\text{NDF} = 304.0/17$, RMSE = 90.7, R2 = 0.8234

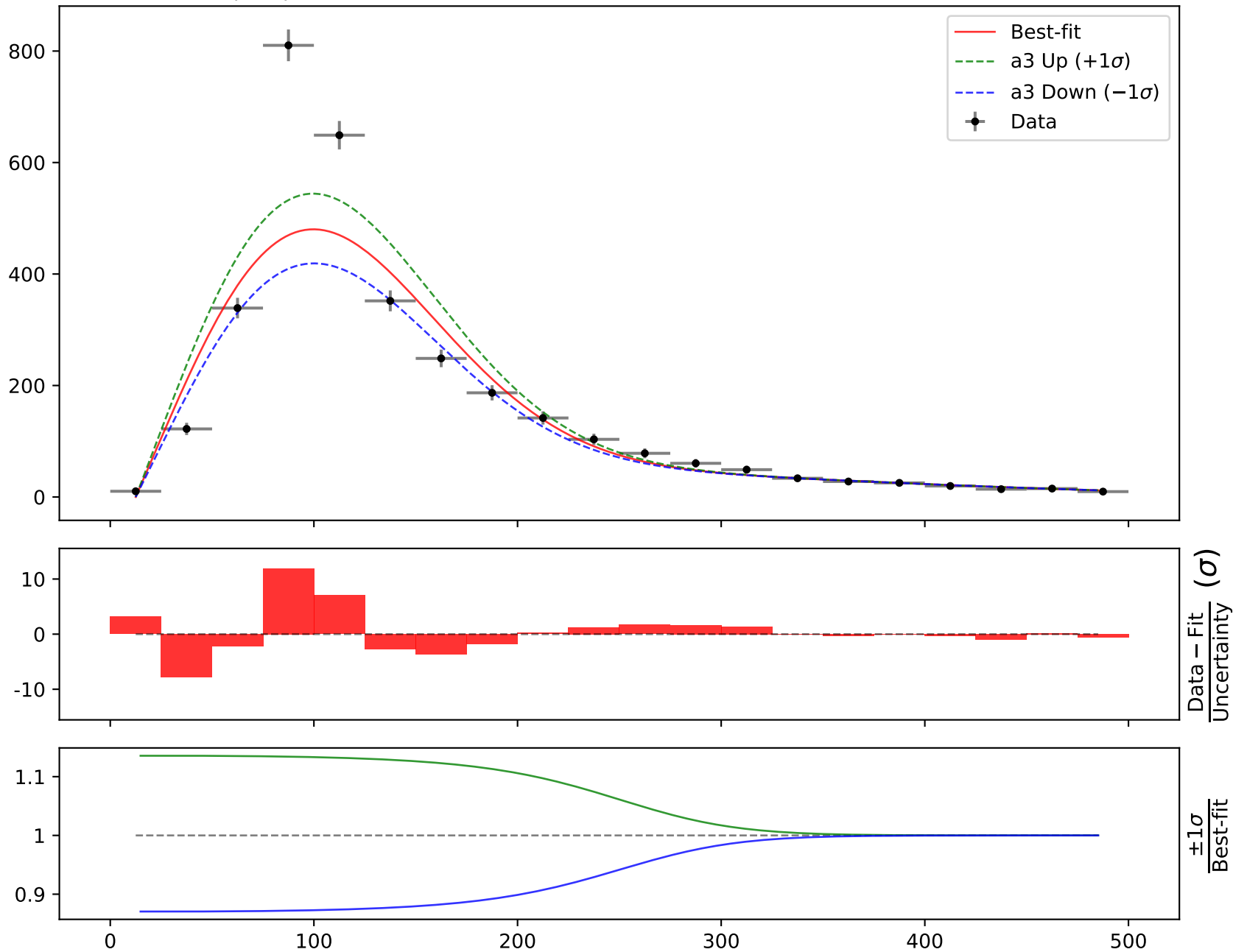


$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \exp(((x_0 - 12.5) * 0.00210526))) + \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -4.27588^{+0.216(5.05\%)}_{-0.2264(5.29\%)}, \quad a_2 = -1.62628^{+0.1284(7.89\%)}_{-0.1646(10.1\%)},$$

$$a_3 = 23.055^{+3.26(14.1\%)}_{-3.114(13.5\%)}$$

Candidate #14
 $\chi^2/\text{NDF} = 304.0/17$, RMSE = 90.7, R2 = 0.8234



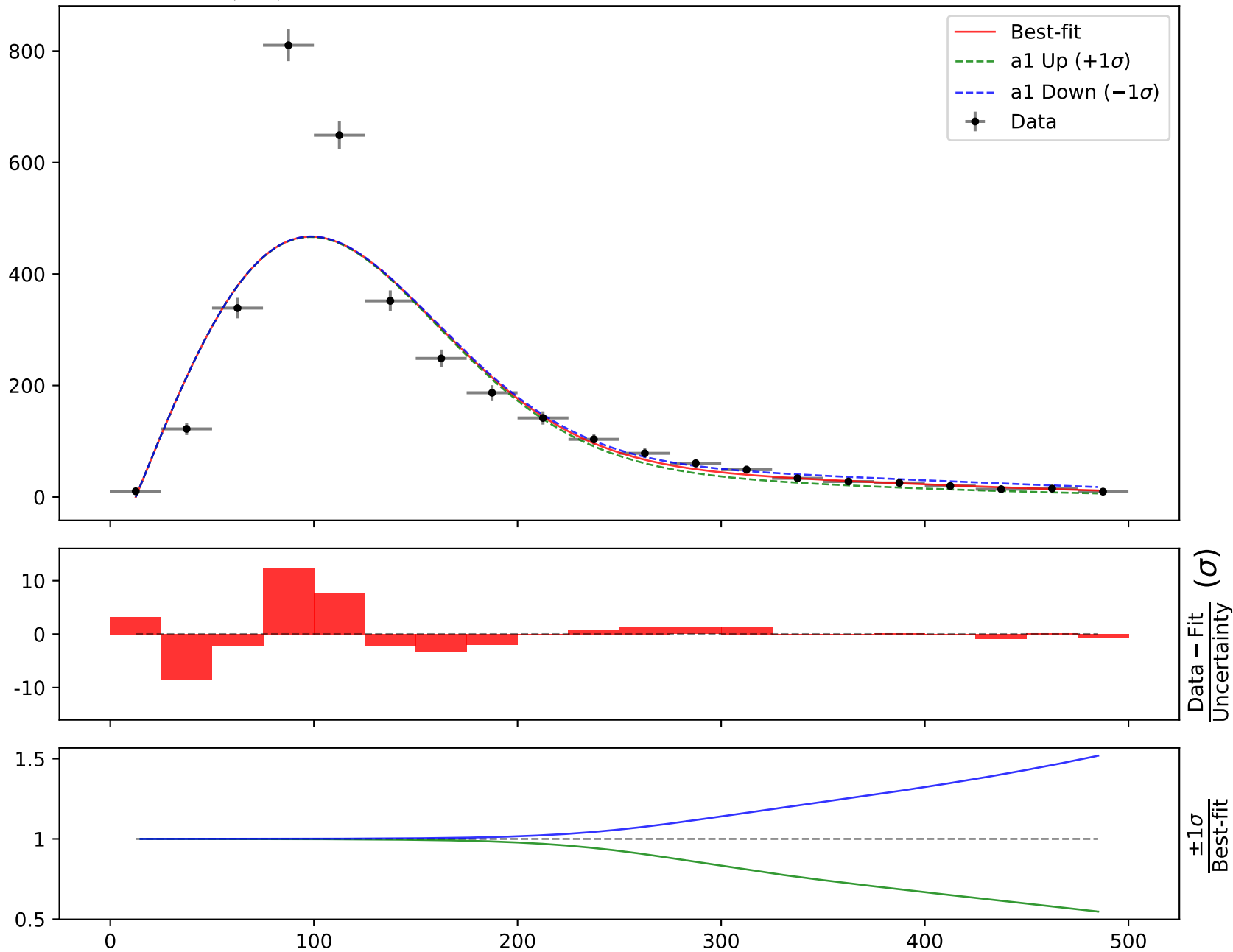
Candidate function #13

$$164.796 * ((a3 * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = 1.54607^{+0.1857(12.0\%)}_{-0.1432(9.26\%)}, \quad a2 = 3.95983^{+0.2383(6.02\%)}_{-0.2271(5.74\%)}, \\ a3 = 24.9104^{+3.559(14.3\%)}_{-3.403(13.7\%)}$$

Candidate #13

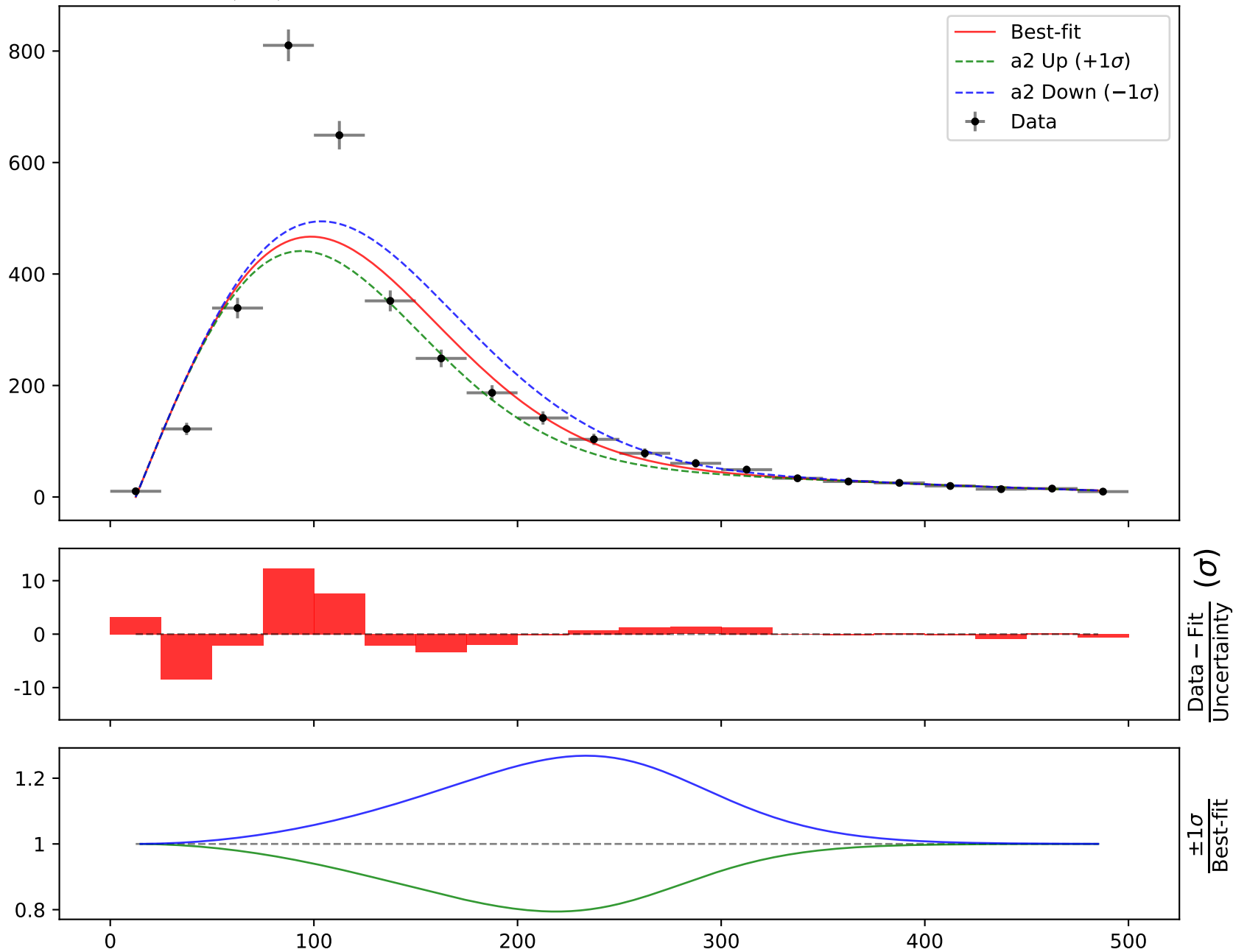
$$\chi^2/\text{NDF} = 323.2/17, \text{ RMSE} = 93.99, \text{ R2} = 0.8103$$



$$164.796 * ((a3 * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = 1.54607^{+0.1857(12.0\%)}_{-0.1432(9.26\%)}, \quad a2 = 3.95983^{+0.2383(6.02\%)}_{-0.2271(5.74\%)},$$

$$a3 = 24.9104^{+3.559(14.3\%)}_{-3.403(13.7\%)}$$

Candidate #13 $\chi^2/\text{NDF} = 323.2/17$, RMSE = 93.99, R2 = 0.8103

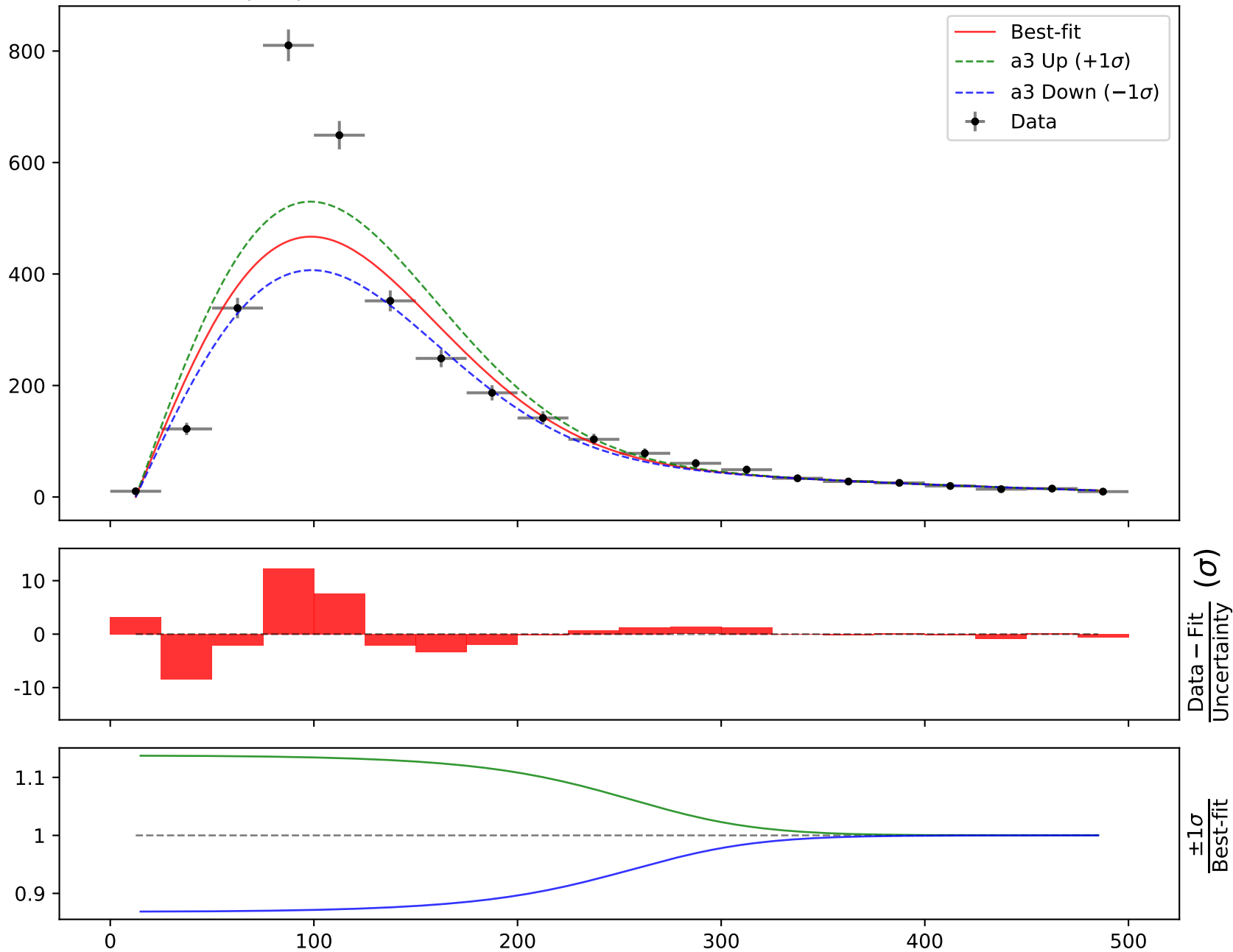
$$164.796 * ((a3 * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526))) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = 1.54607^{+0.1857(12.0\%)}_{-0.1432(9.26\%)}, \quad a2 = 3.95983^{+0.2383(6.02\%)}_{-0.2271(5.74\%)},$$

$$a3 = 24.9104^{+3.559(14.3\%)}_{-3.403(13.7\%)}$$

Candidate #13

$$\chi^2/\text{NDF} = 323.2/17, \text{RMSE} = 93.99, \text{R2} = 0.8103$$



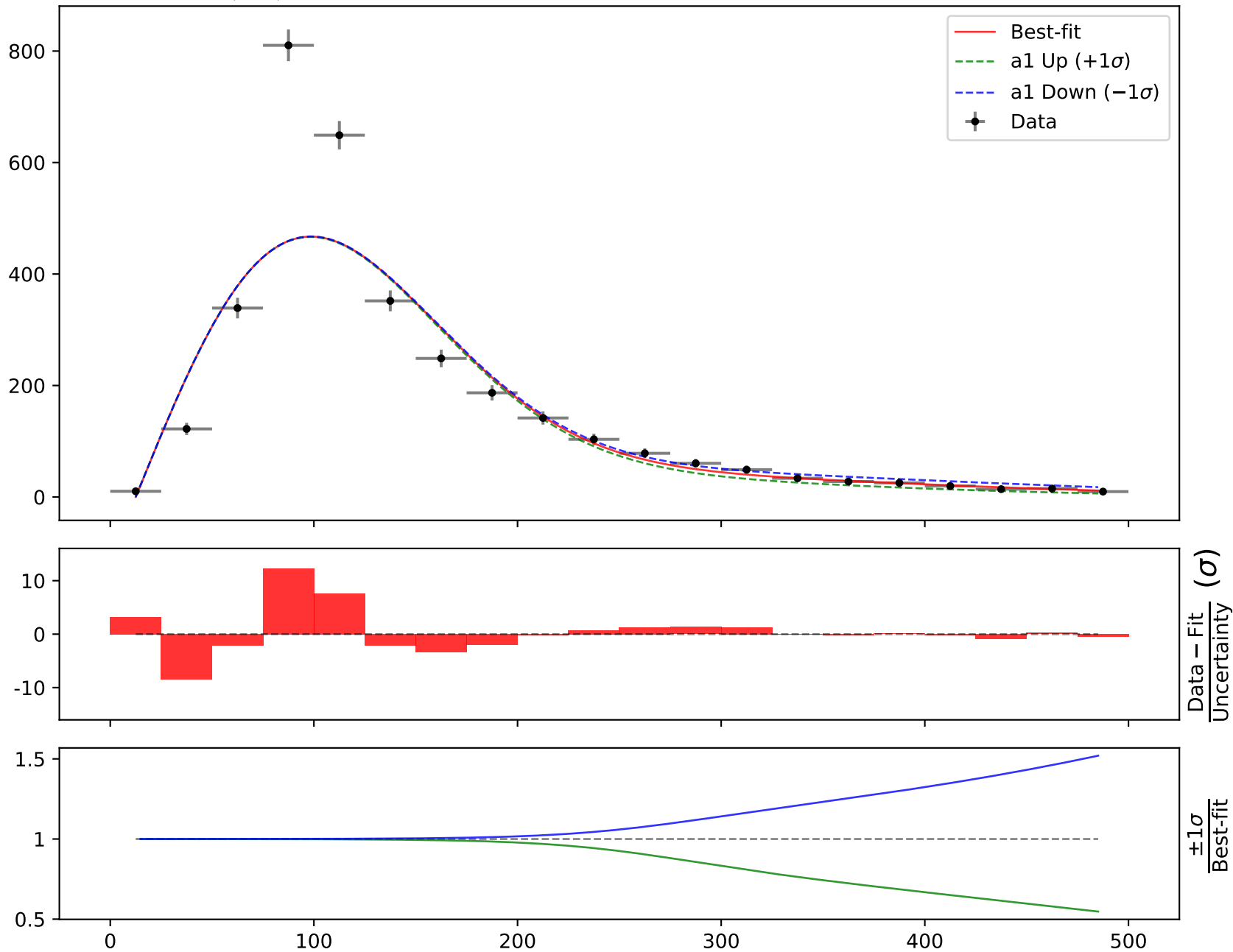
Candidate function #12

$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = 1.63575^{+0.1766(10.8\%)}_{-0.1348(8.24\%)}, \quad a_2 = 4.00277^{+0.2362(5.9\%)}_{-0.2248(5.62\%)}, \\ a_3 = 24.9208^{+3.558(14.3\%)}_{-3.402(13.7\%)}$$

Candidate #12

$$\chi^2/\text{NDF} = 322.9/17, \text{ RMSE} = 93.97, \text{ R}^2 = 0.8104$$



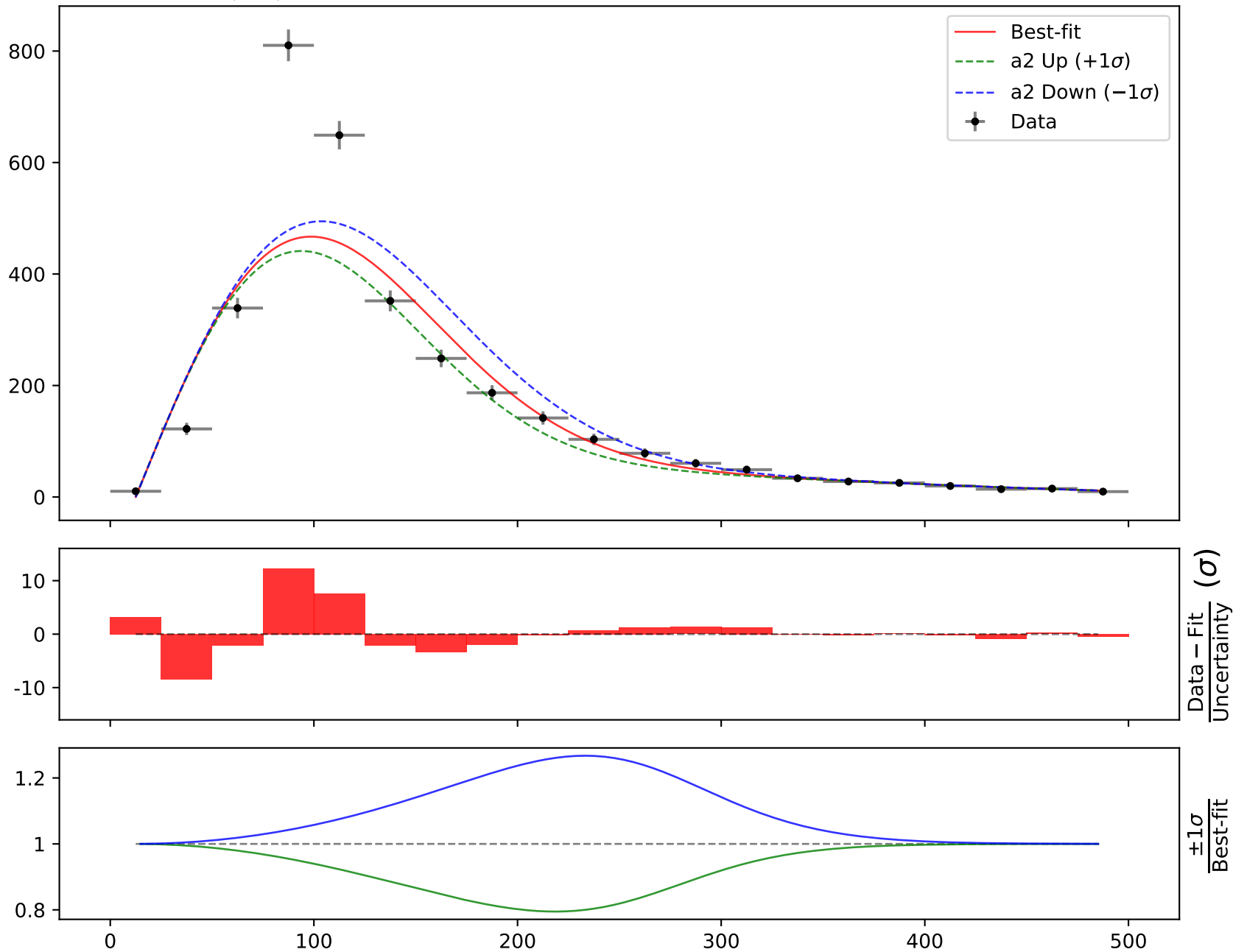
$$164.796 * (((x0 - 12.5) * 0.00210526) * (a3 * \text{gauss}(a2 * ((x0 - 12.5) * 0.00210526)) + \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526))))$$

$$a1 = 1.63575^{+0.1766(10.8\%)}_{-0.1348(8.24\%)}, \quad a2 = 4.00277^{+0.2362(5.9\%)}_{-0.2248(5.62\%)},$$

$$a3 = 24.9208^{+3.558(14.3\%)}_{-3.402(13.7\%)}$$

Candidate #12

$$\chi^2/\text{NDF} = 322.9/17, \text{RMSE} = 93.97, \text{R2} = 0.8104$$

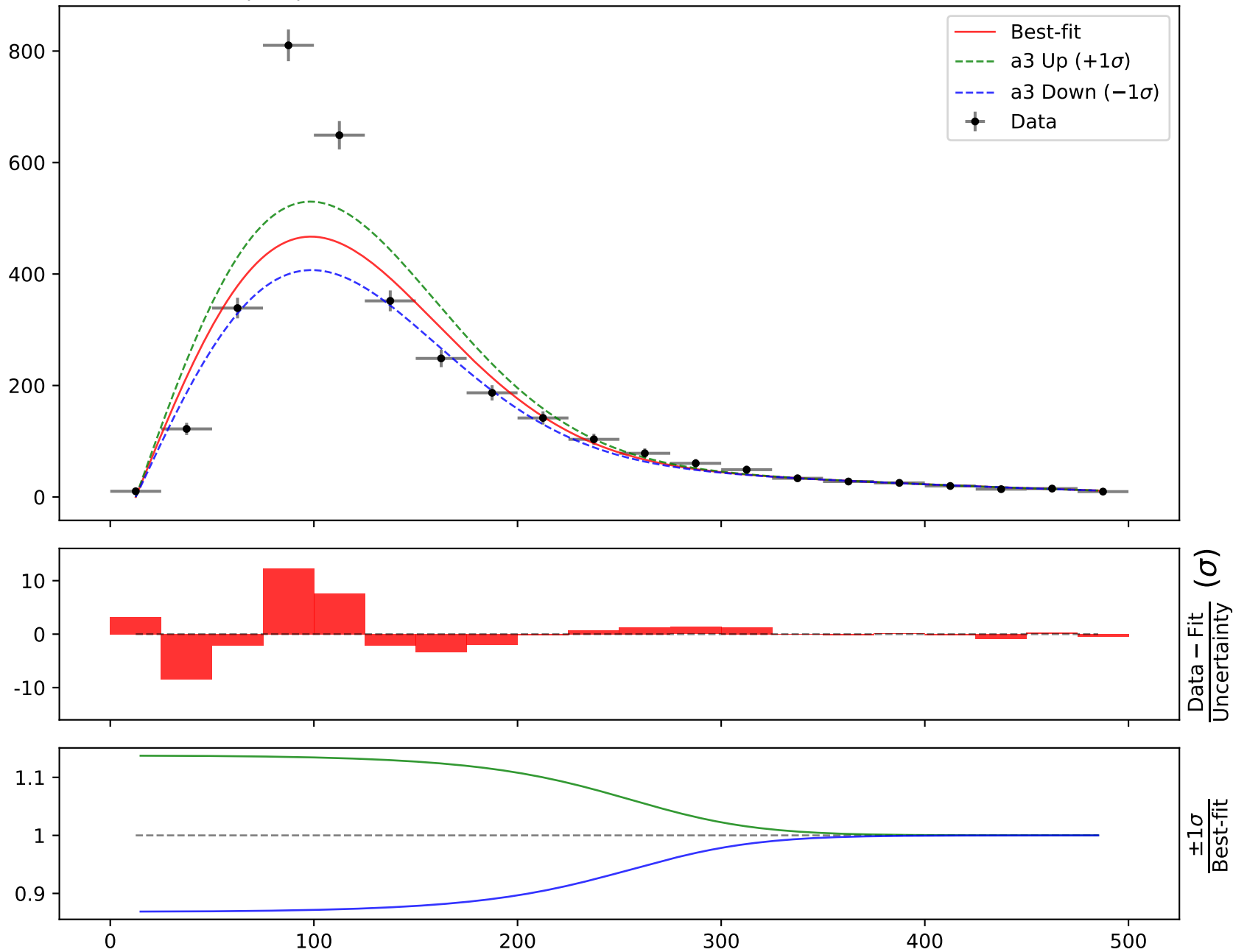


$$164.796 * (((x_0 - 12.5) * 0.00210526) * (a_3 * \text{gauss}(a_2 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = 1.63575^{+0.1766(10.8\%)}_{-0.1348(8.24\%)}, \quad a_2 = 4.00277^{+0.2362(5.9\%)}_{-0.2248(5.62\%)},$$

$$a_3 = 24.9208^{+3.558(14.3\%)}_{-3.402(13.7\%)}$$

$$\chi^2/\text{NDF} = 322.9/17, \text{ RMSE} = 93.97, \text{ R}^2 = 0.8104$$

Candidate #12


Candidate function #11

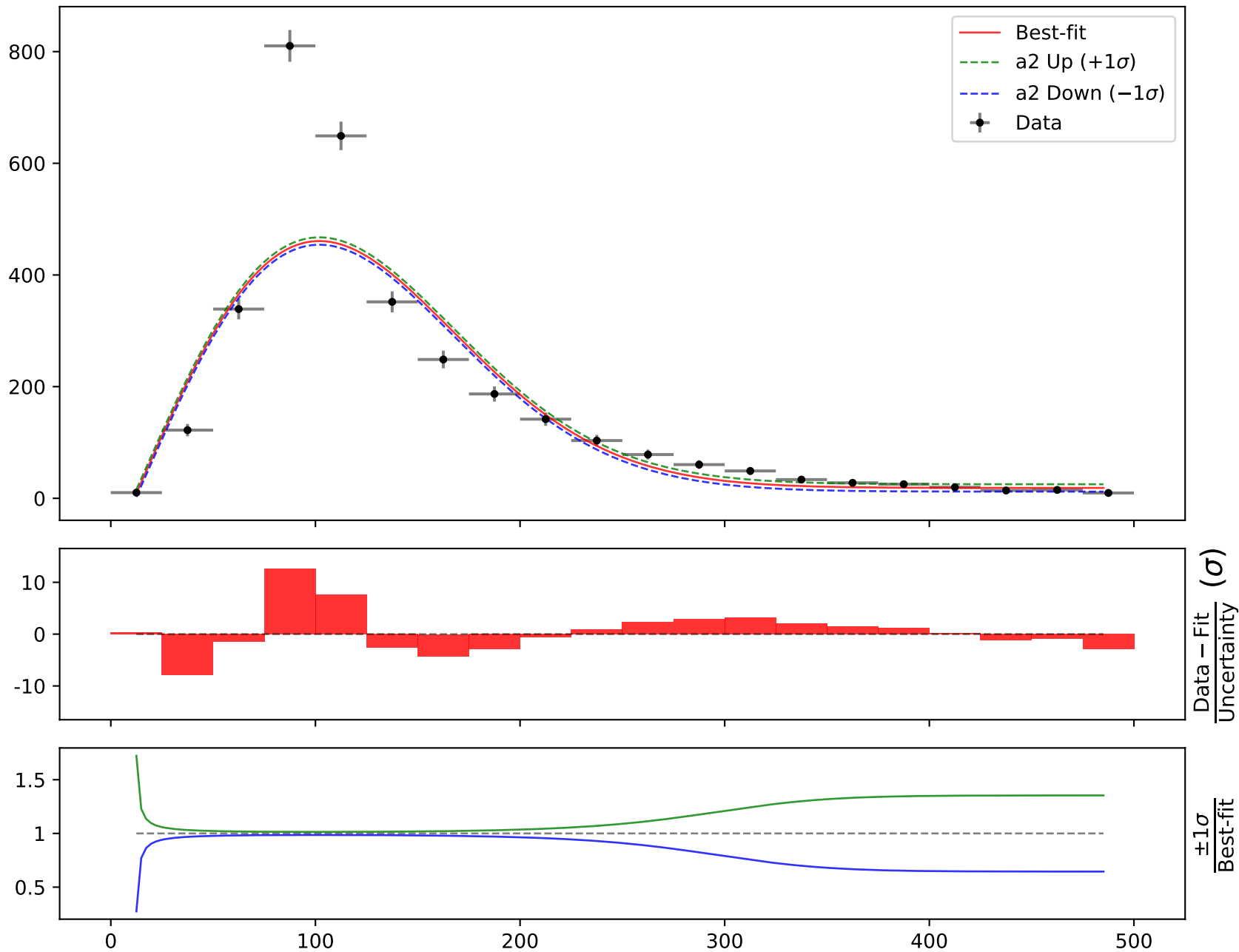
$$164.796 \cdot (a_2 + (a_1 + a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -0.0577, \quad a_2 = 0.112982^{+0.03998(35.4\%)}_{-0.04012(35.5\%)},$$

$$a_3 = 3.7814^{+0.2395(6.33\%)}_{-0.2272(6.01\%)}, \quad a_4 = 23.964^{+3.648(15.2\%)}_{-3.455(14.4\%)}$$

Candidate #11

$$\chi^2/\text{NDF} = 361.3/17, \text{ RMSE} = 96.79, \text{ R2} = 0.7989$$



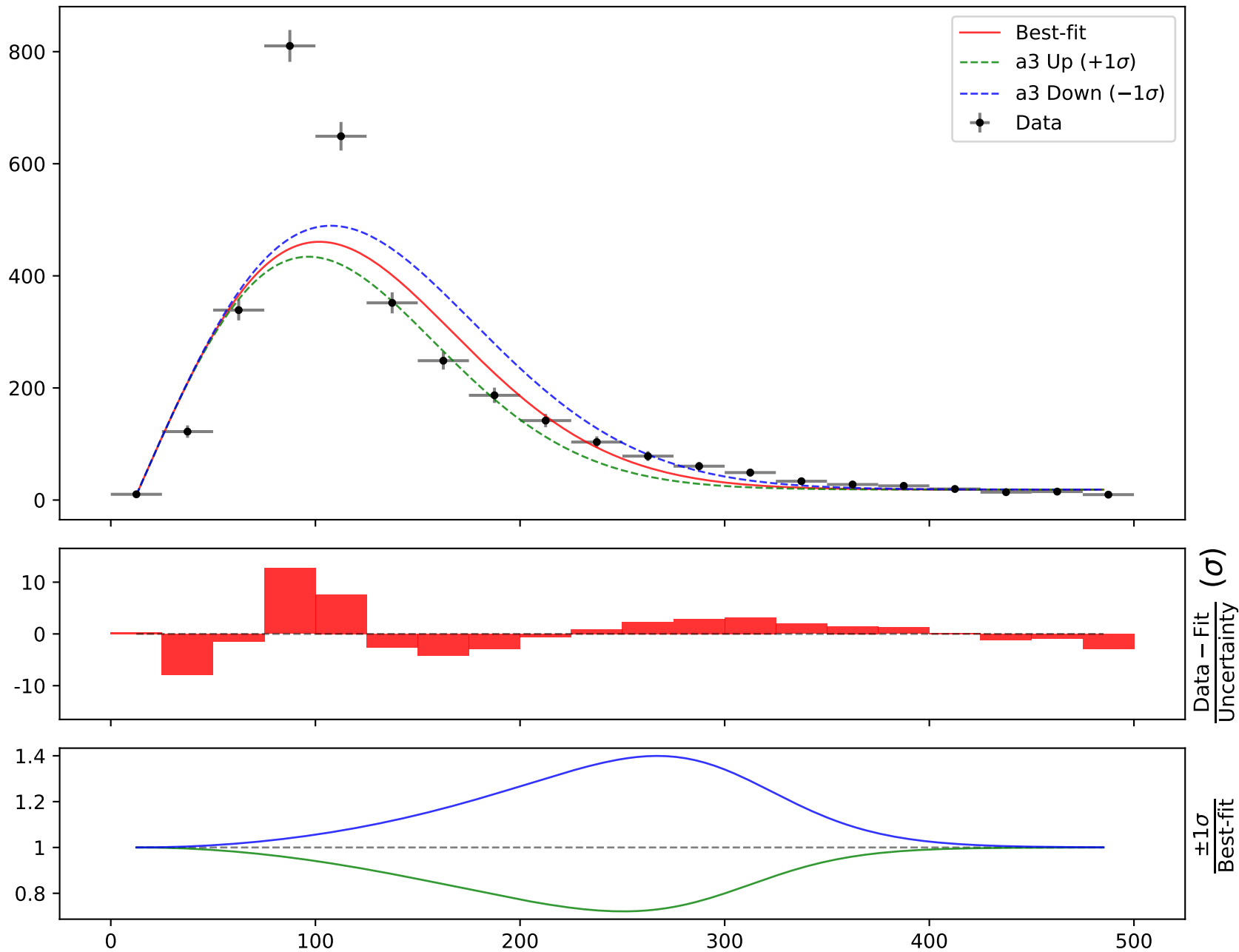
$$164.796 * (a_2 + (a_1 + a_4 * ((x_0 - 12.5) * 0.00210526)) * \text{gauss}(a_3 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -0.0577, \quad a_2 = 0.112982^{+0.03998(35.4\%)}_{-0.04012(35.5\%)},$$

$$a_3 = 3.7814^{+0.2395(6.33\%)}_{-0.2272(6.01\%)}, \quad a_4 = 23.964^{+3.648(15.2\%)}_{-3.455(14.4\%)}$$

Candidate #11

$$\chi^2/\text{NDF} = 361.3/17, \text{ RMSE} = 96.79, \text{ R}^2 = 0.7989$$



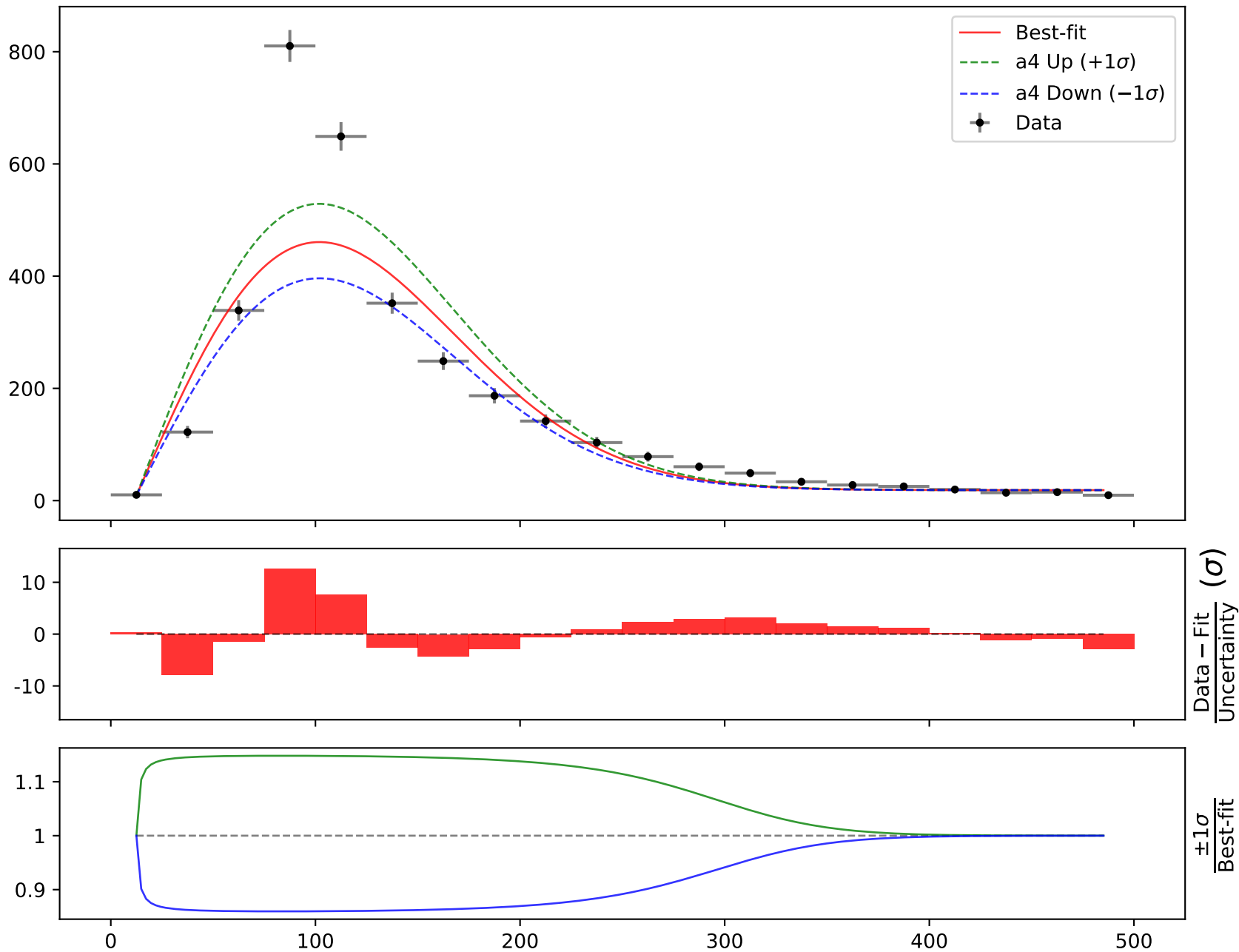
$$164.796 \cdot (a_2 + (a_1 + a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -0.0577, \quad a_2 = 0.112982^{+0.03998(35.4\%)}_{-0.04012(35.5\%)},$$

$$a_3 = 3.7814^{+0.2395(6.33\%)}_{-0.2272(6.01\%)}, \quad \mathbf{a_4 = 23.964^{+3.648(15.2\%)}_{-3.455(14.4\%)}}$$

Candidate #11

$$\chi^2/\text{NDF} = 361.3/17, \text{ RMSE} = 96.79, \text{ R2} = 0.7989$$



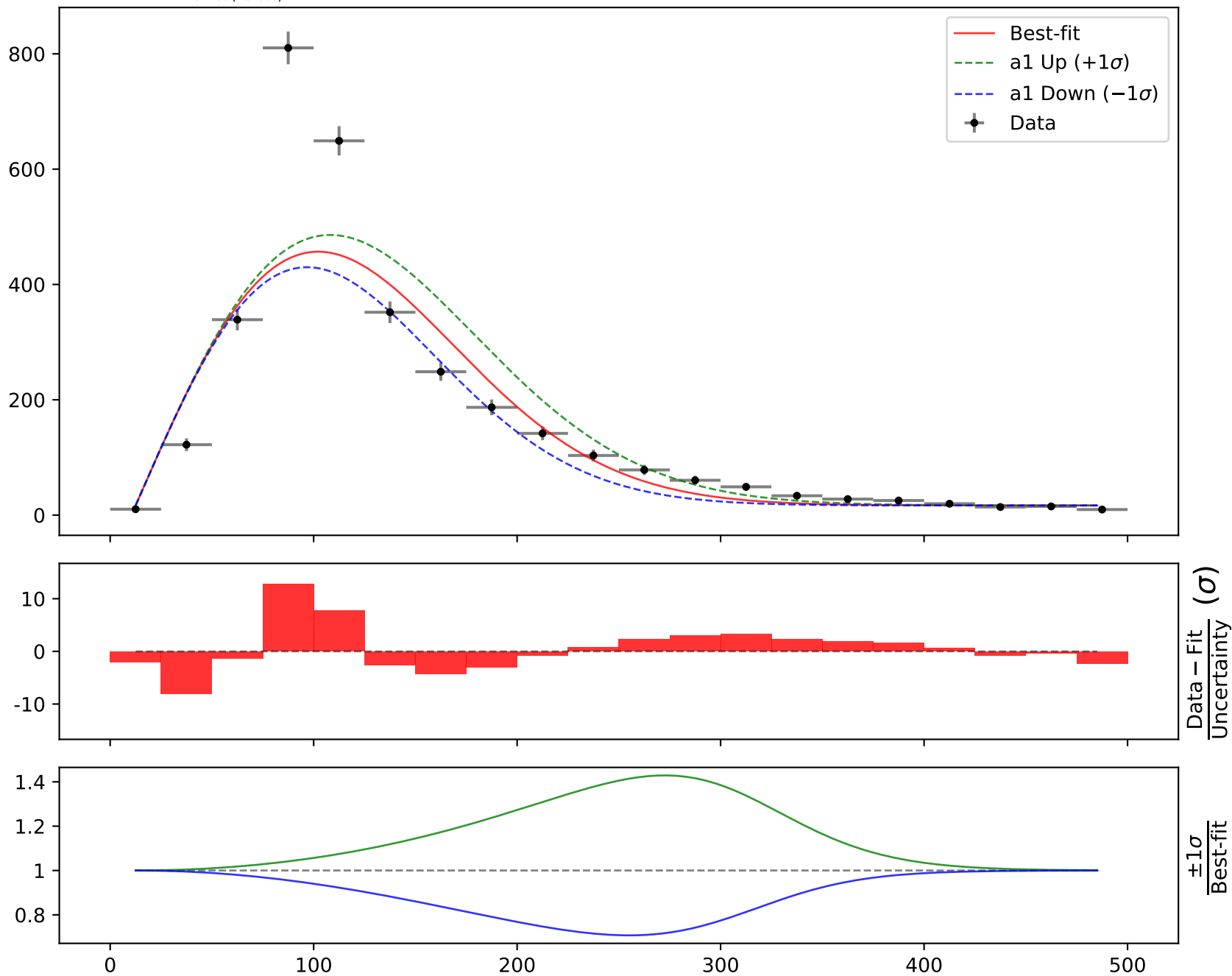
Candidate function #10

$$164.796 \cdot (a_2 + a_3 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -3.69991^{+0.2345(6.34\%)}_{-0.2465(6.66\%)}, \quad a_2 = 0.101147^{+0.0408(40.3\%)}_{-0.04096(40.5\%)}, \\ a_3 = 23.3187^{+3.691(15.8\%)}_{-3.489(15.0\%)}$$

Candidate #10

$$\chi^2/\text{NDF} = 374.1/17, \text{RMSE} = 98.02, R^2 = 0.7937$$

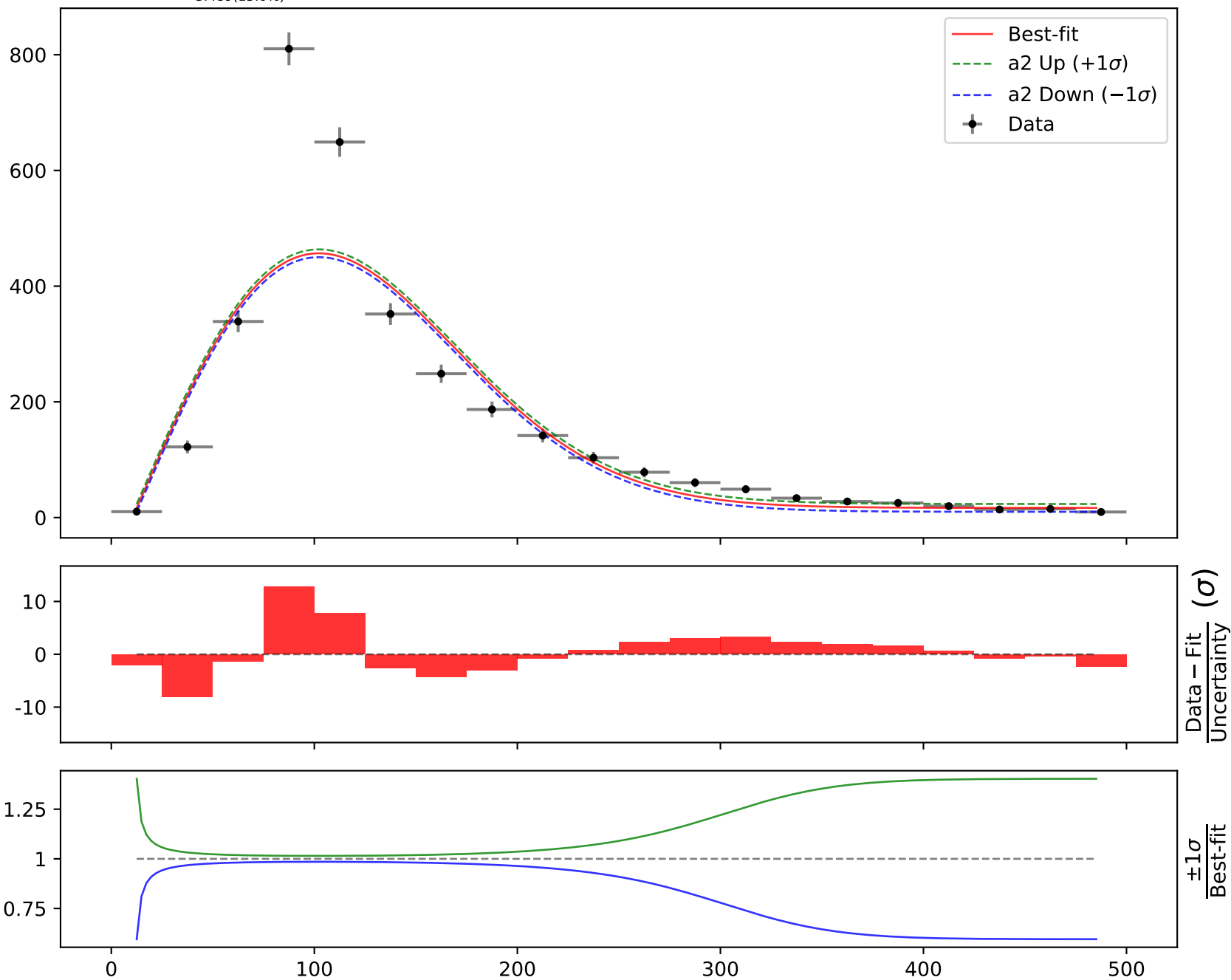


$$164.796 * (a_2 + a_3 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \tanh(((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -3.69991^{+0.2345(6.34\%)}_{-0.2465(6.66\%)}, \quad a_2 = 0.101147^{+0.0408(40.3\%)}_{-0.04096(40.5\%)}, \\ a_3 = 23.3187^{+3.691(15.8\%)}_{-3.489(15.0\%)}$$

Candidate #10

$$\chi^2/\text{NDF} = 374.1/17, \text{RMSE} = 98.02, R^2 = 0.7937$$

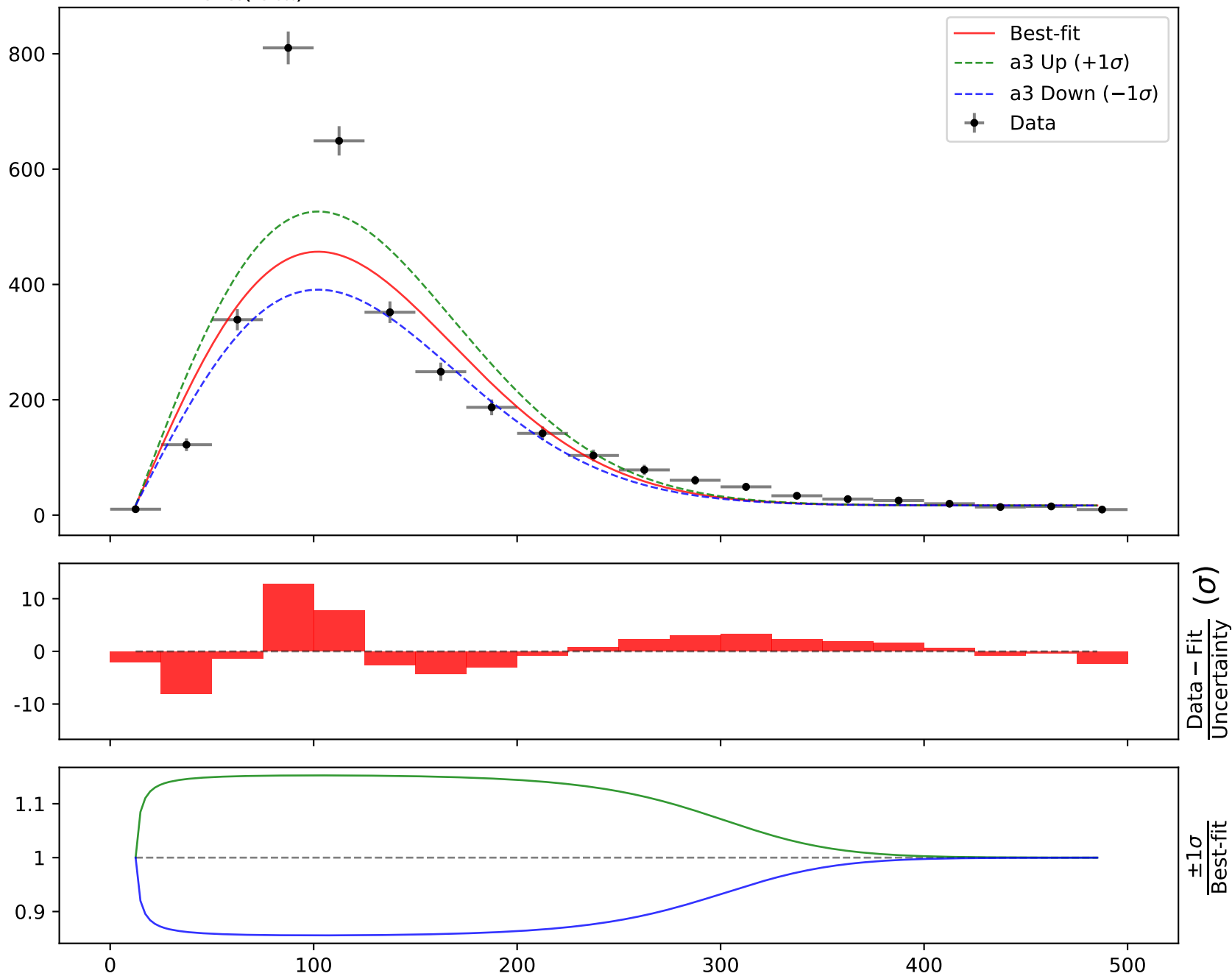


$$164.796 * (a_2 + a_3 * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)) * \tanh(((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -3.69991^{+0.2345(6.34\%)}_{-0.2465(6.66\%)}, \quad a_2 = 0.101147^{+0.0408(40.3\%)}_{-0.04096(40.5\%)},$$

$$a_3 = 23.3187^{+3.691(15.8\%)}_{-3.489(15.0\%)}$$

$$\chi^2/\text{NDF} = 374.1/17, \text{ RMSE} = 98.02, \text{ R}^2 = 0.7937$$

Candidate #10

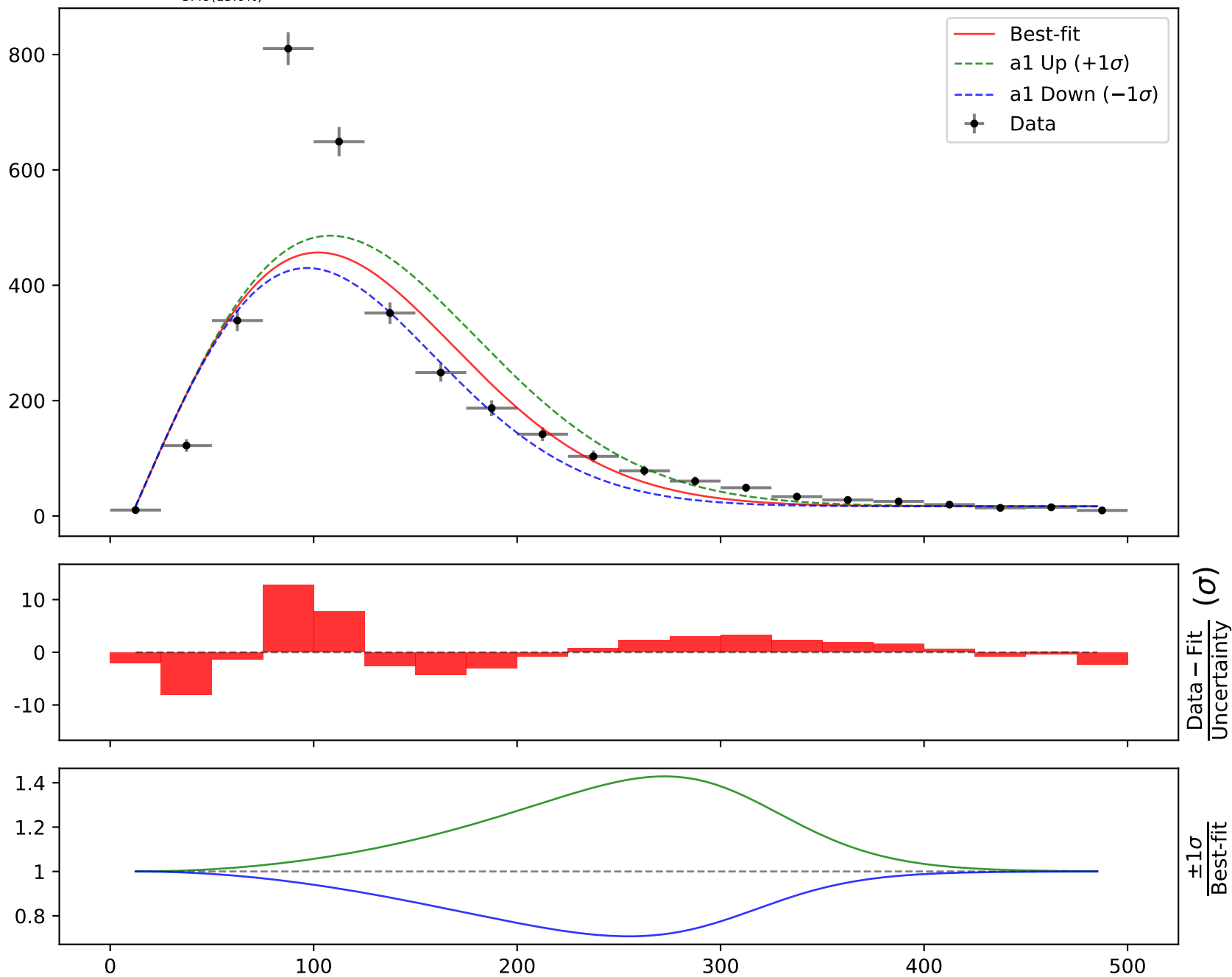
Candidate function #9

$$164.796 * (a_2 + a_3 * ((x_0 - 12.5) * 0.00210526) * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -3.74325^{+0.2319(6.2\%)}_{-0.2441(6.52\%)}, \quad a_2 = 0.101237^{+0.0408(40.3\%)}_{-0.04095(40.5\%)}, \\ a_3 = 23.314^{+3.693(15.8\%)}_{-3.49(15.0\%)}$$

Candidate #9

$$\chi^2/\text{NDF} = 374.3/17, \text{RMSE} = 98.01, \text{R}^2 = 0.7937$$

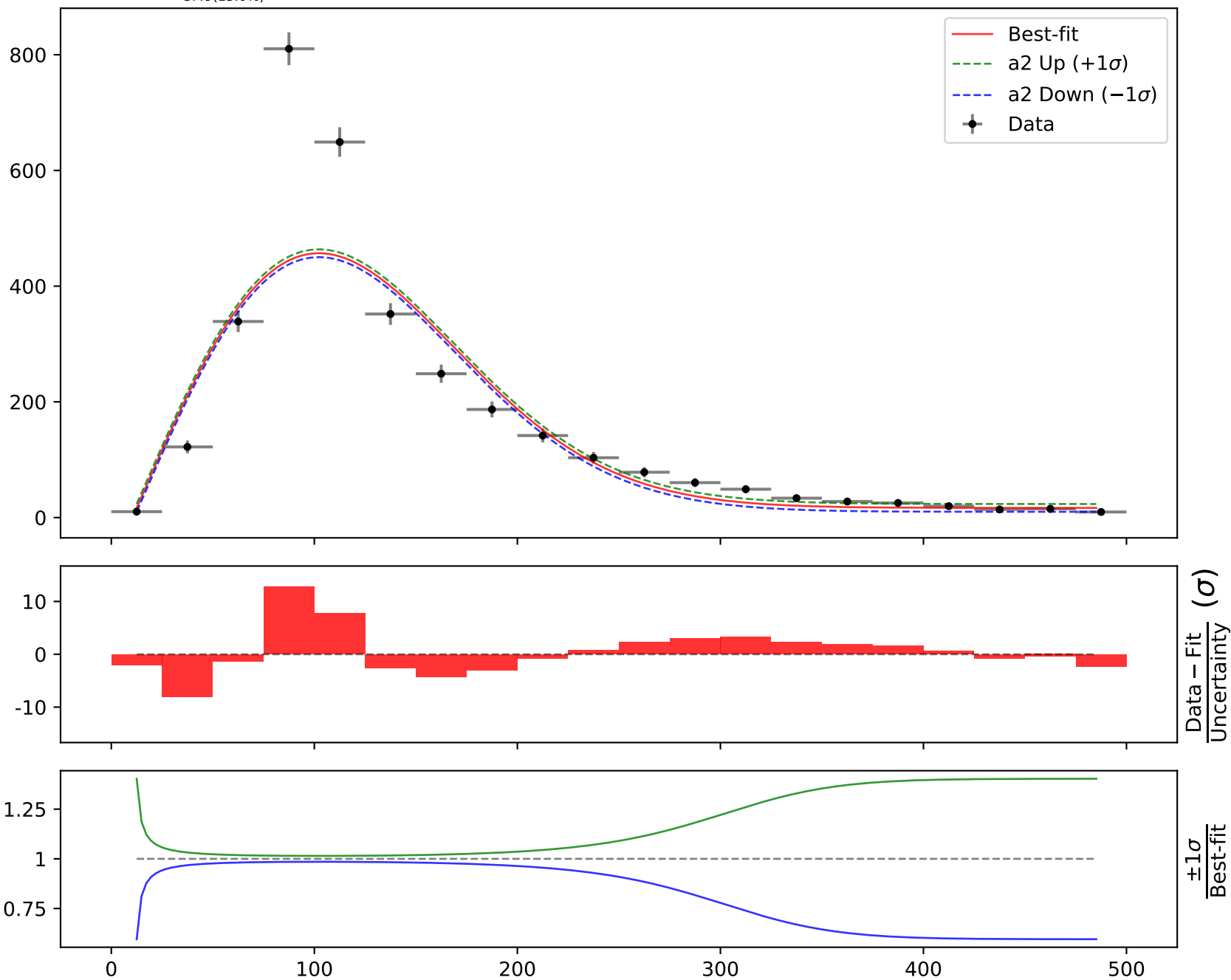


$$164.796 * (a_2 + a_3 * ((x_0 - 12.5) * 0.00210526) * \text{gauss}(a_1 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -3.74325^{+0.2319(6.2\%)}_{-0.2441(6.52\%)}, \quad a_2 = 0.101237^{+0.0408(40.3\%)}_{-0.04095(40.5\%)}, \\ a_3 = 23.314^{+3.693(15.8\%)}_{-3.49(15.0\%)}$$

Candidate #9

$$\chi^2/\text{NDF} = 374.3/17, \text{ RMSE} = 98.01, \text{ R}^2 = 0.7937$$



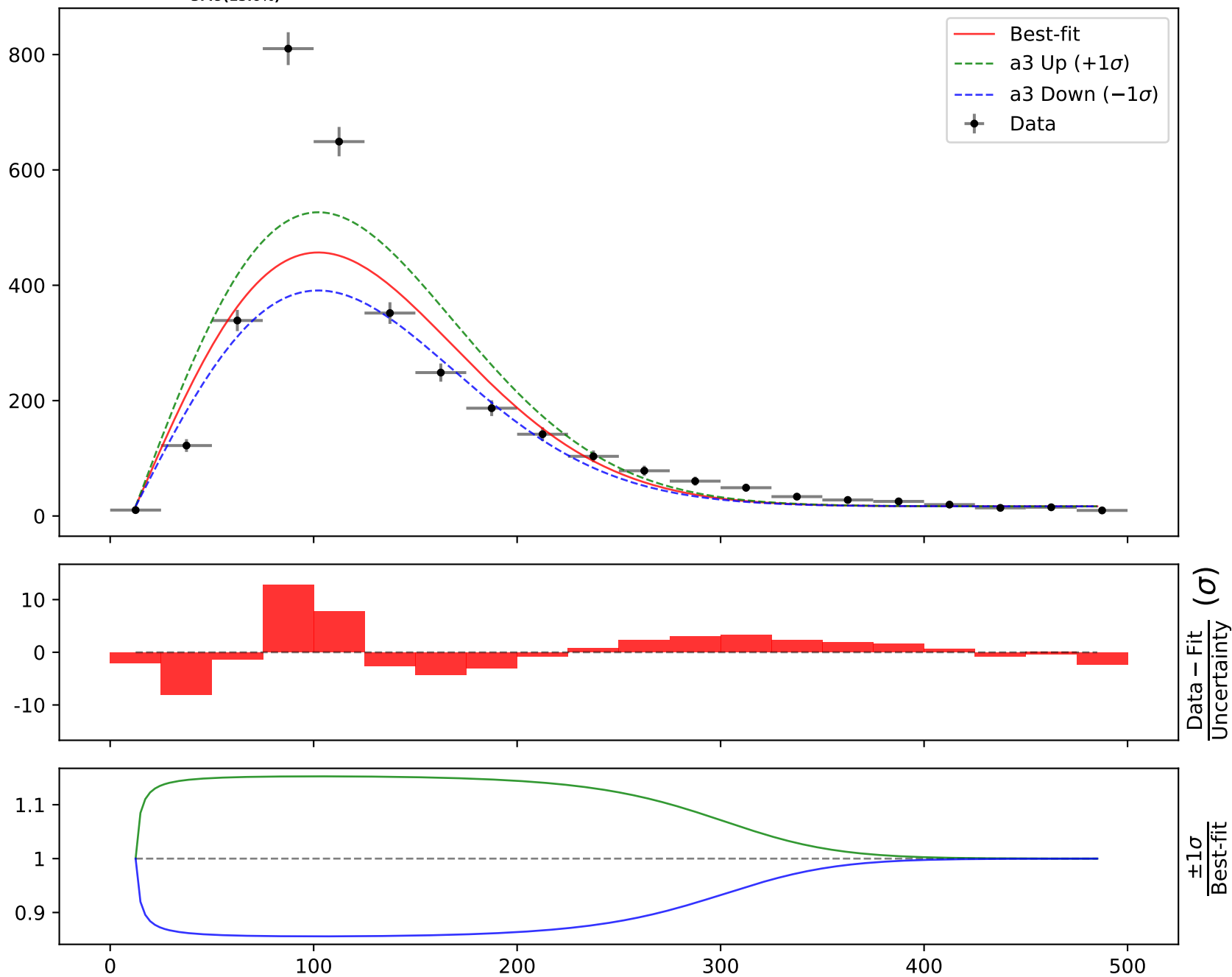
$$164.796 * (a2 + a3 * ((x0 - 12.5) * 0.00210526) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = -3.74325^{+0.2319(6.2\%)}_{-0.2441(6.52\%)}, \quad a2 = 0.101237^{+0.0408(40.3\%)}_{-0.04095(40.5\%)},$$

$$a3 = 23.314^{+3.693(15.8\%)}_{-3.49(15.0\%)}$$

Candidate #9

$$\chi^2/\text{NDF} = 374.3/17, \text{RMSE} = 98.01, \text{R2} = 0.7937$$



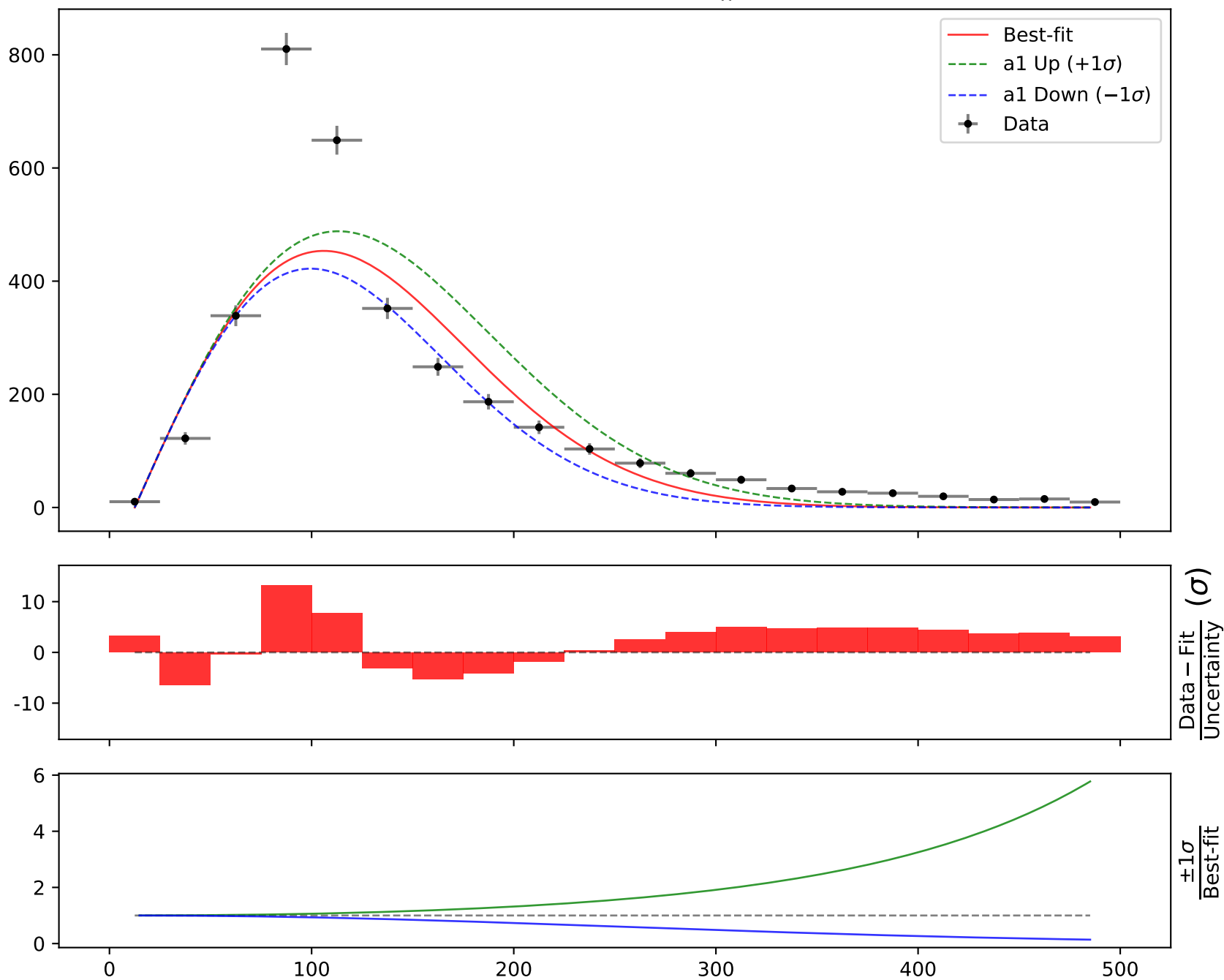
Candidate function #8

$$164.796 * (a2 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

a1 = $-3.5474^{+0.2591(7.3\%)}_{-0.2704(7.62\%)}$, **a2** = $23.0585^{+4.267(18.5\%)}_{-4.003(17.4\%)}$

Candidate #8

$\chi^2/\text{NDF} = 515.6/18$, RMSE = 101.1, R2 = 0.7805

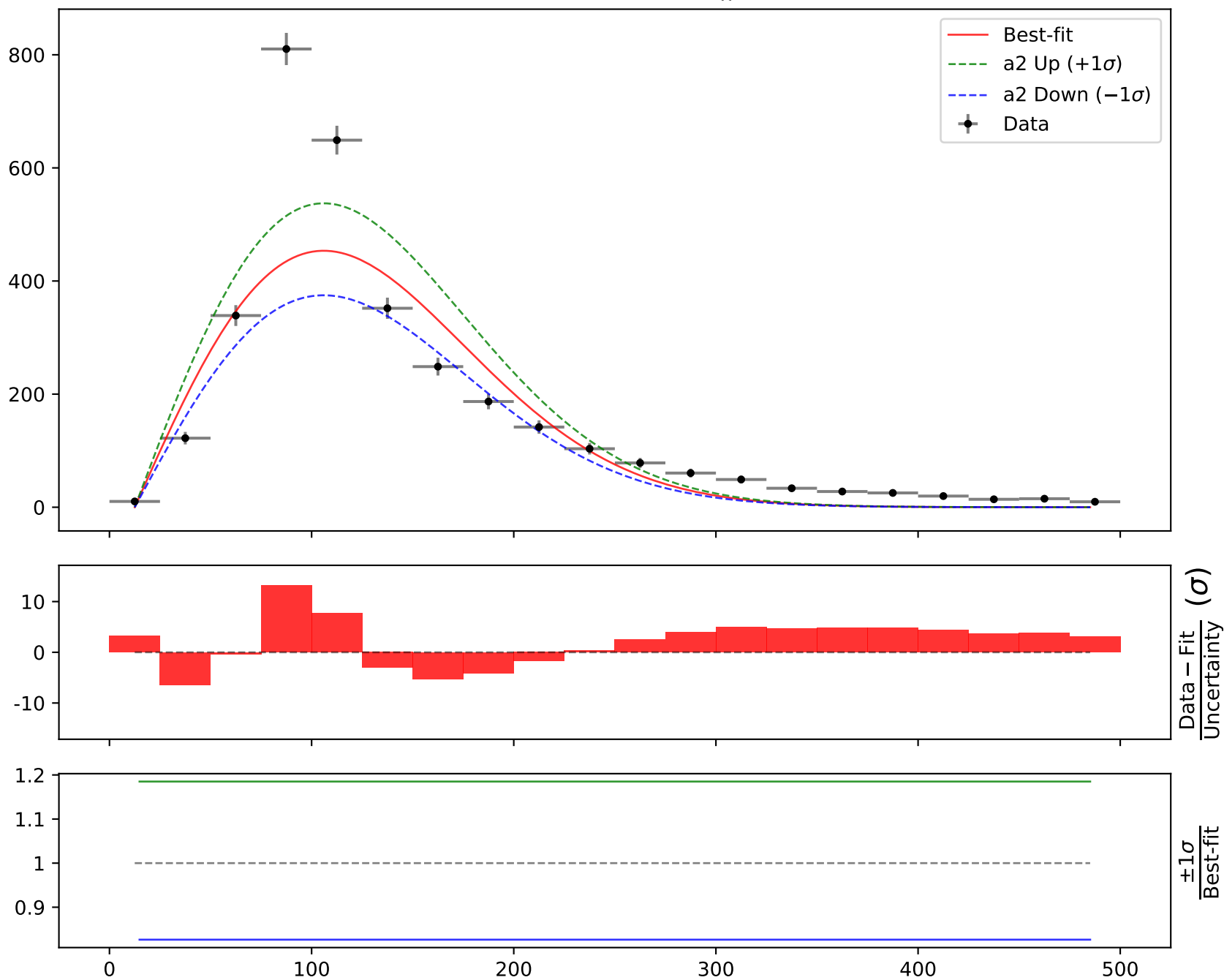


$$164.796 * (a2 * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)) * \tanh(((x0 - 12.5) * 0.00210526)))$$

$$a1 = -3.5474^{+0.2591(7.3\%)}_{-0.2704(7.62\%)}, \quad a2 = 23.0585^{+4.267(18.5\%)}_{-4.003(17.4\%)}$$

Candidate #8

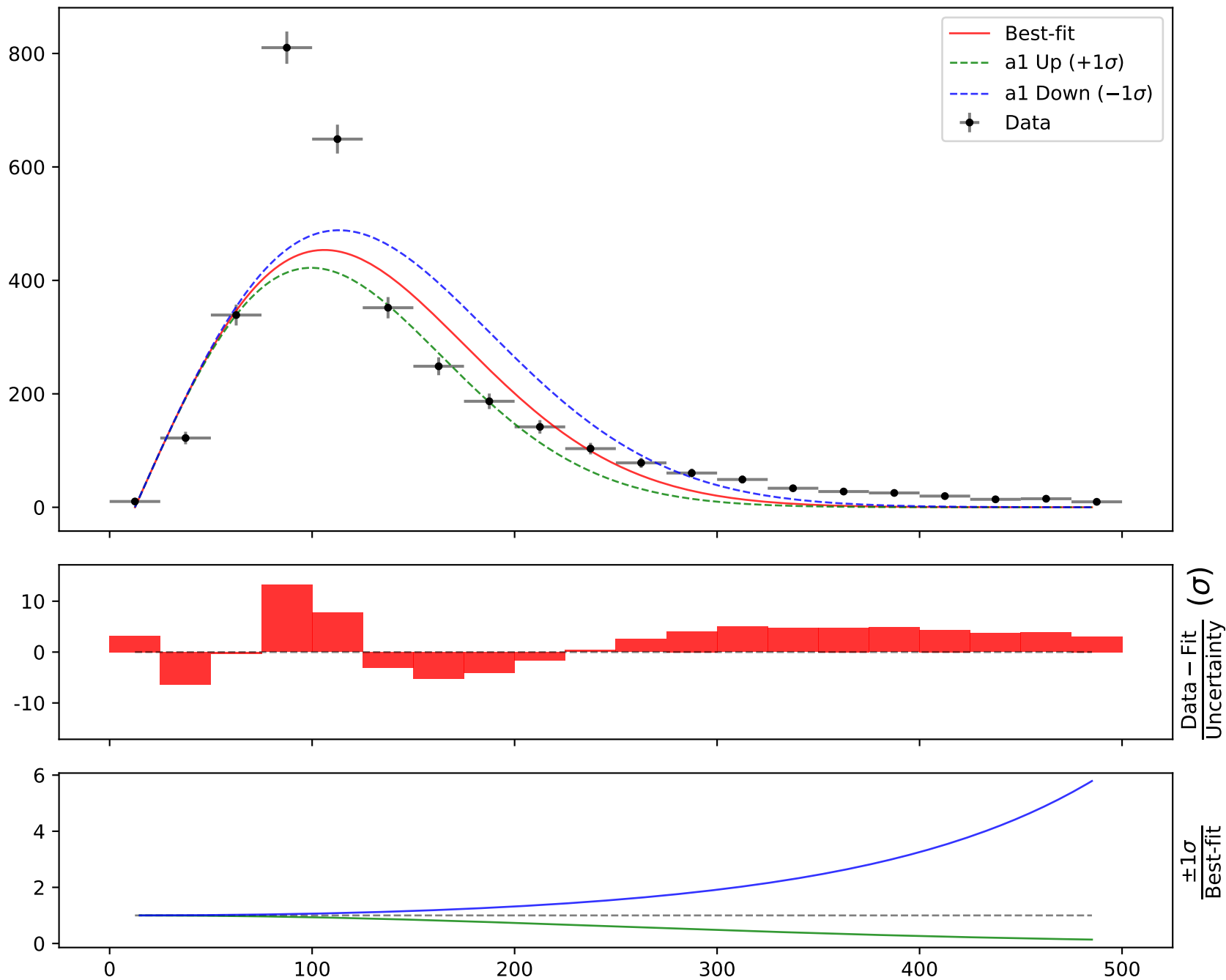
$$\chi^2/\text{NDF} = 515.6/18, \text{RMSE} = 101.1, \text{R2} = 0.7805$$



Candidate function #7

$$164.796 * (a2 * ((x0 - 12.5) * 0.00210526) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = 3.59289^{+0.2677(7.45\%)}_{-0.256(7.12\%)}, \quad a2 = 23.0591^{+4.27(18.5\%)}_{-4.005(17.4\%)}$$

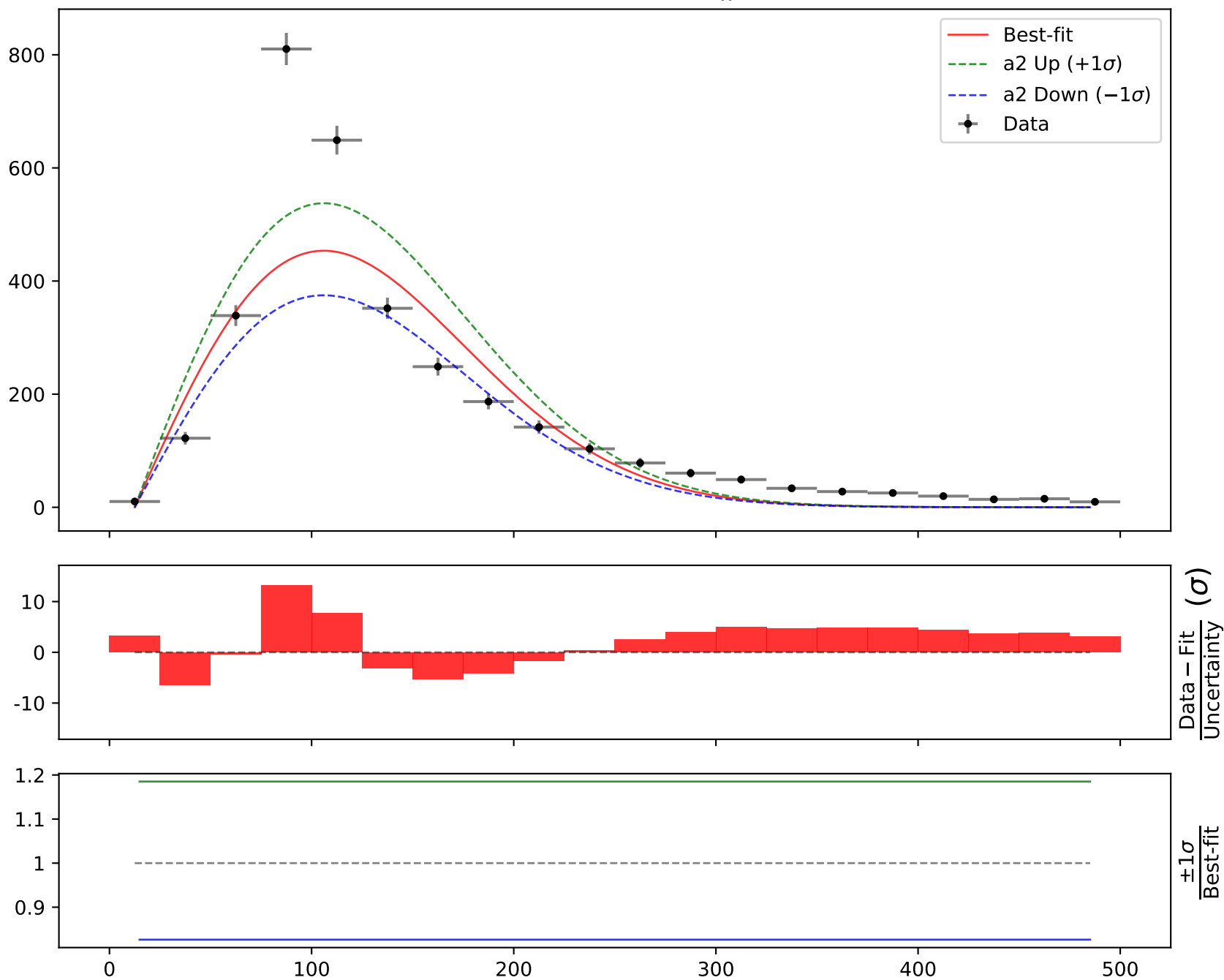
Candidate #7 $\chi^2/\text{NDF} = 516.1/18$, RMSE = 101.1, R2 = 0.7806

$$164.796 * (a2 * ((x0 - 12.5) * 0.00210526) * \text{gauss}(a1 * ((x0 - 12.5) * 0.00210526)))$$

$$a1 = 3.59289^{+0.2677(7.45\%)}_{-0.256(7.12\%)}, \quad a2 = 23.0591^{+4.27(18.5\%)}_{-4.005(17.4\%)}$$

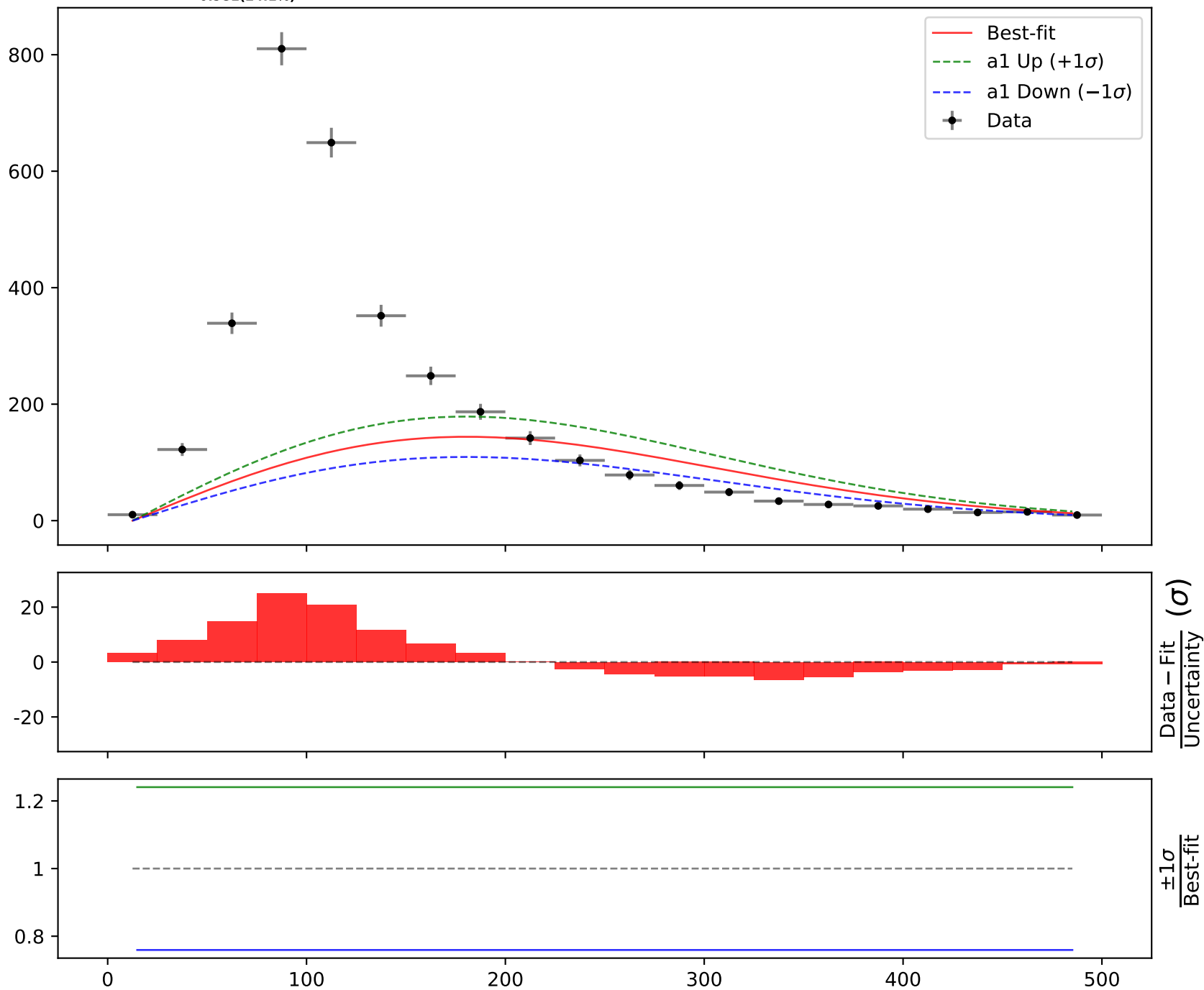
Candidate #7

$$\chi^2/\text{NDF} = 516.1/18, \text{RMSE} = 101.1, \text{R2} = 0.7806$$



Candidate function #6

$$164.796 * (a1 * ((x0 - 12.5) * 0.00210526) * \text{gauss}(2 * ((x0 - 12.5) * 0.00210526)))$$

Candidate #6**a1 = 4.07546**^{+0.981(24.1%)}_{-0.981(24.1%)} $\chi^2/\text{NDF} = 1727.0/19$, RMSE = 217.0, R2 = -0.01106

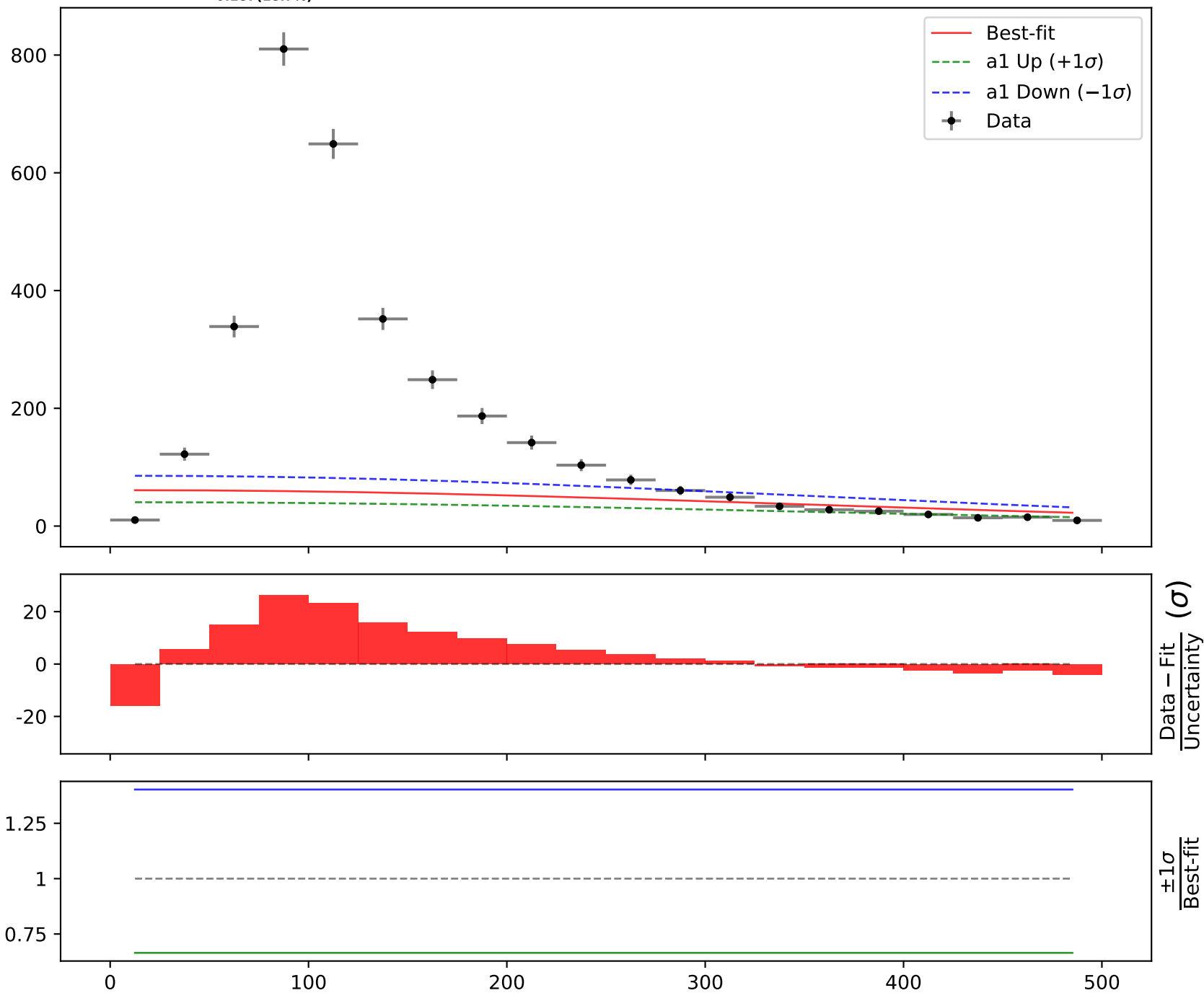
Candidate function #5

$$164.796 * (\text{gauss}(a1) * \text{gauss}(((x0 - 12.5) * 0.00210526)))$$

Candidate #5

$$a1 = 0.997778^{+0.187(18.7\%)}_{-0.187(18.7\%)}$$

$$\chi^2/\text{NDF} = 2390.0/19, \text{RMSE} = 240.1, R2 = -0.2373$$



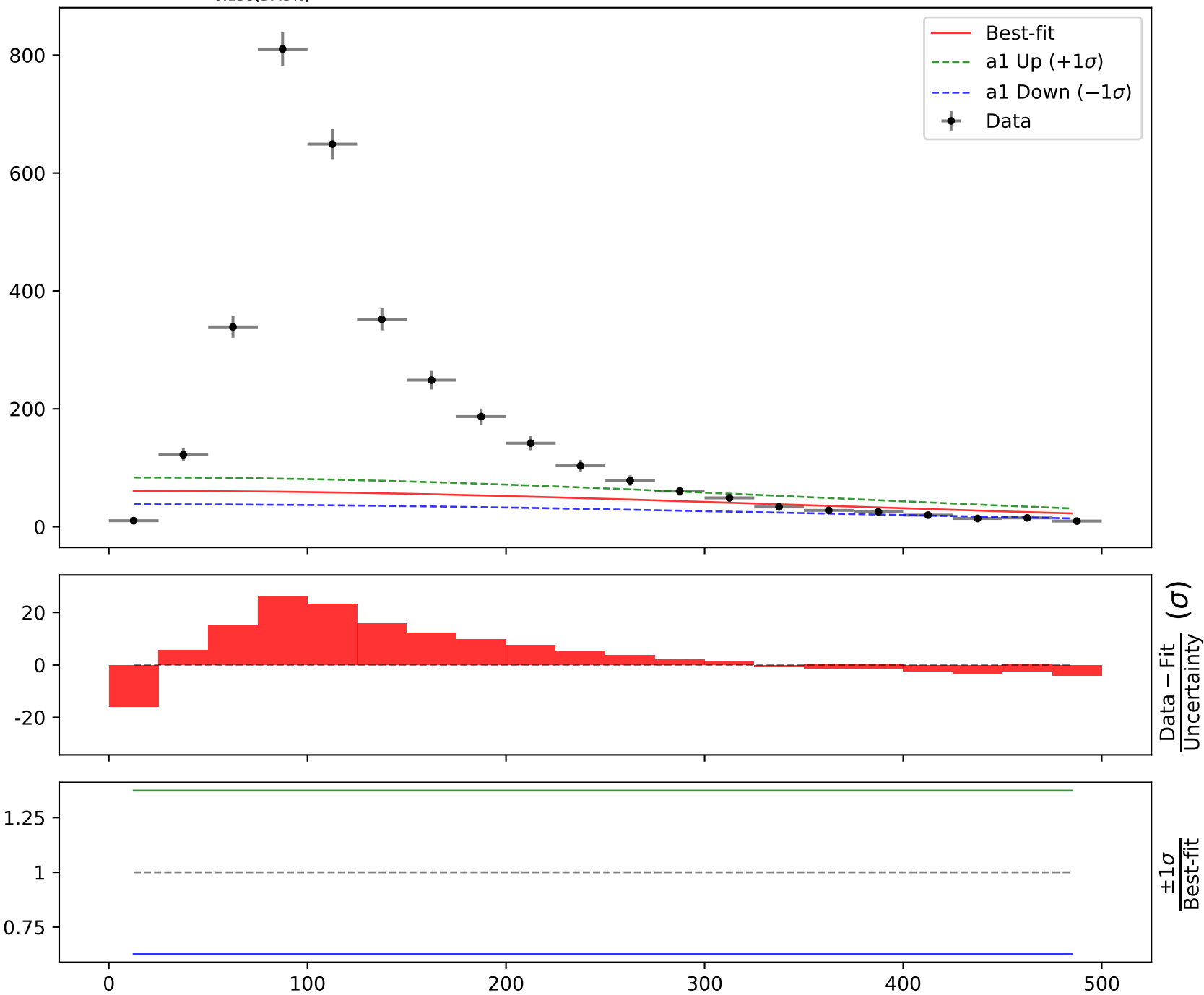
Candidate function #4

$$164.796 * (a1 * \text{gauss}(((x0 - 12.5) * 0.00210526)))$$

Candidate #4

$$a1 = 0.369516^{+0.138(37.3\%)}_{-0.138(37.3\%)}$$

$$\chi^2/\text{NDF} = 2390.0/19, \text{RMSE} = 240.1, R2 = -0.2373$$



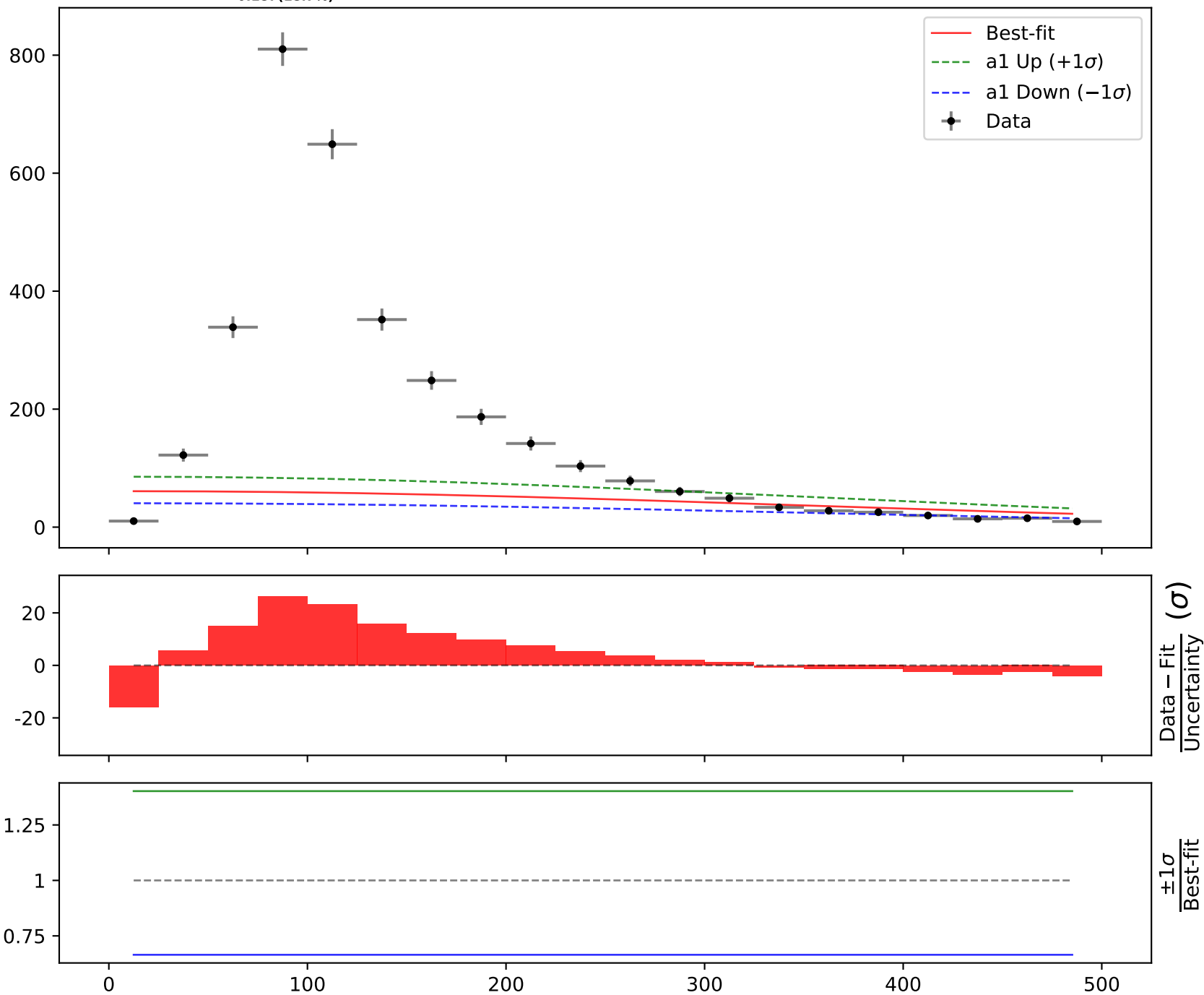
Candidate function #3

$$164.796 * (\text{gauss}(a1) * \text{gauss}(((x0 - 12.5) * 0.00210526)))$$

Candidate #3

$$a1 = -0.997778^{+0.187(18.7\%)}_{-0.187(18.7\%)}$$

$$\chi^2/\text{NDF} = 2390.0/19, \text{RMSE} = 240.1, R2 = -0.2373$$



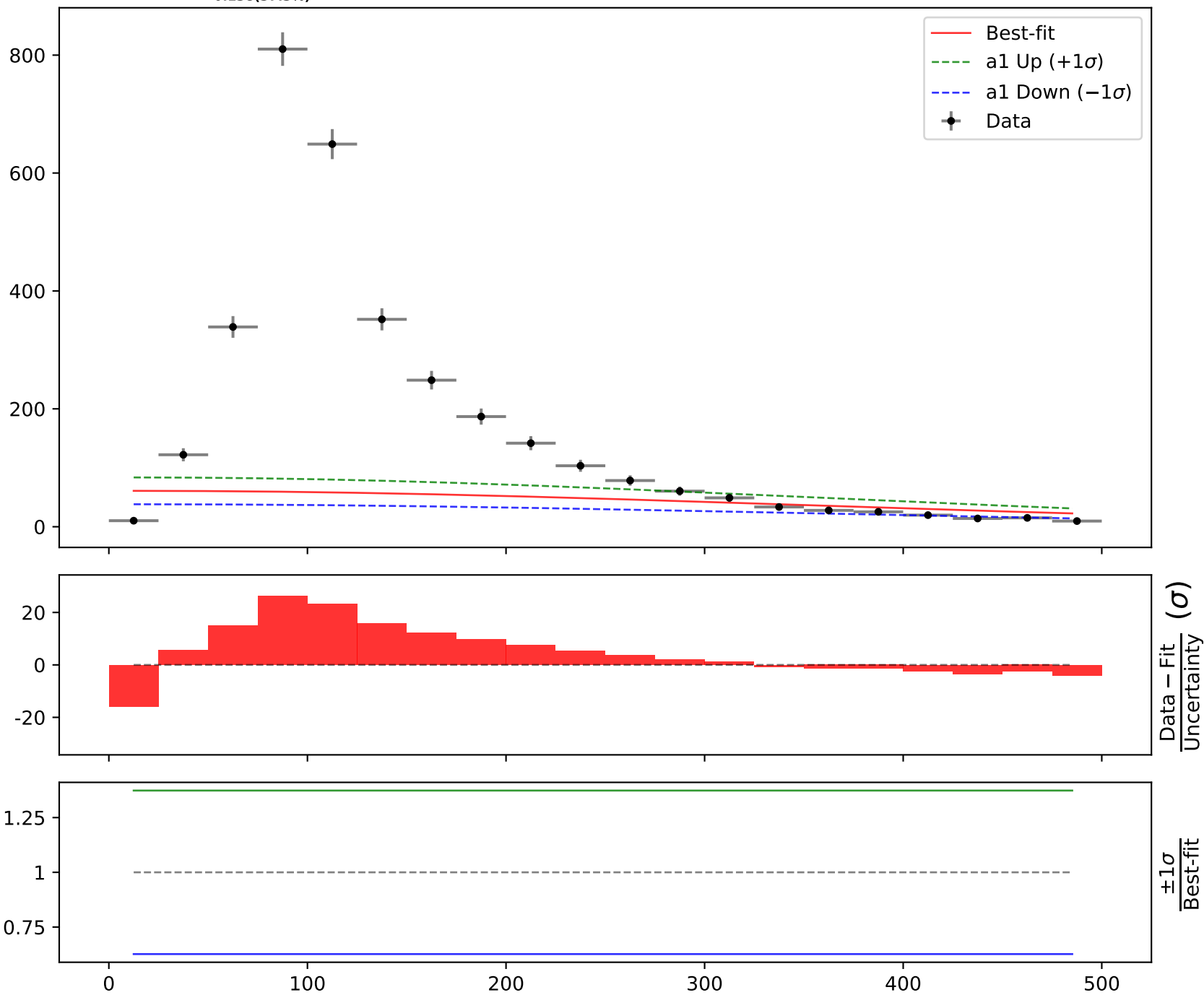
Candidate function #2

$$164.796 * (a1 * \text{gauss}(((x0 - 12.5) * 0.00210526)))$$

Candidate #2

$$a1 = 0.369516^{+0.138(37.3\%)}_{-0.138(37.3\%)}$$

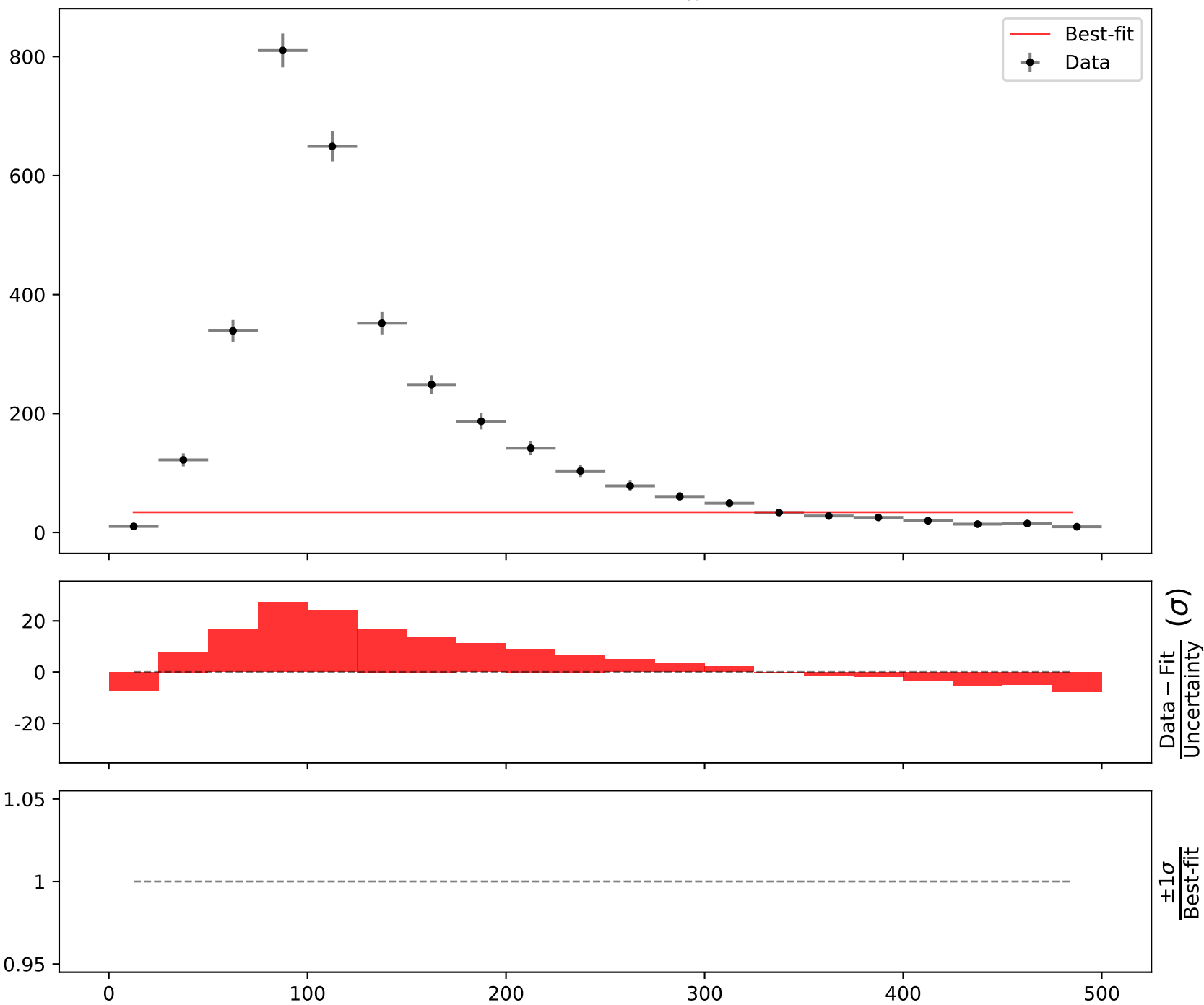
$$\chi^2/\text{NDF} = 2390.0/19, \text{RMSE} = 240.1, R2 = -0.2373$$



Candidate function #1

$$164.796 \cdot (a1)$$

$$a1 = 0.207$$



Candidate function #0

$$164.796 \cdot (a1)$$

$$a1 = 0.206$$

