

$$a_0 = 1814.23^{+2.62}_{-2.52}$$

$$a_1 = 54.08^{+8.13}_{-8.48}$$

$$a_2 = -179.82^{+9.14}_{-8.61}$$

$$a_3 = 61.71^{+3.03}_{-3.13}$$

$$\text{noise} = 0.16^{+0.01}_{-0.01}$$

