

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

$$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}, \quad a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}, \\ a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$$

$$\chi^2/\text{NDF} = 64.11/166, \text{RMSE} = 0.6646, \text{R}^2 = 0.9915$$

Candidate #18