SymbolFit 1.0\*(a1\*\*((x0 - 503.0) \* 0.000286615)/(a2 + (((x0 - 503.0) \* 0.000286615)\*tanh(2\*((x0 - 503.0) \* 0.000286615))\*tanh(2\*((x0 - 503.0) \* 0.00028615))\*tanh(2\*((x0 - 503.0) \* 0.00028615))\*tanh(2\*((x0 - 503.0) \* 0.00028615))\*tanh(2\*((x0\* 0.000286615)))\*\*a3))  $a1 = 3.371e - 05^{+1.053e - 05(31.2\%)}_{-8.422e - 06(25.0\%)}, \quad a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)},$ Candidate #18  $\mathbf{a3} = \mathbf{0.641349}^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$  $\chi^2$ /NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915 Best-fit a3 Up  $(+1\sigma)$  $10^{1}$ a3 Down  $(-1\sigma)$ Data  $10^{0}$  $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$ 2 Data – Fit Uncertainty 0 -2 1.02

 $10^{3}$ 

1

0.98