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

 10^{3}

0.98