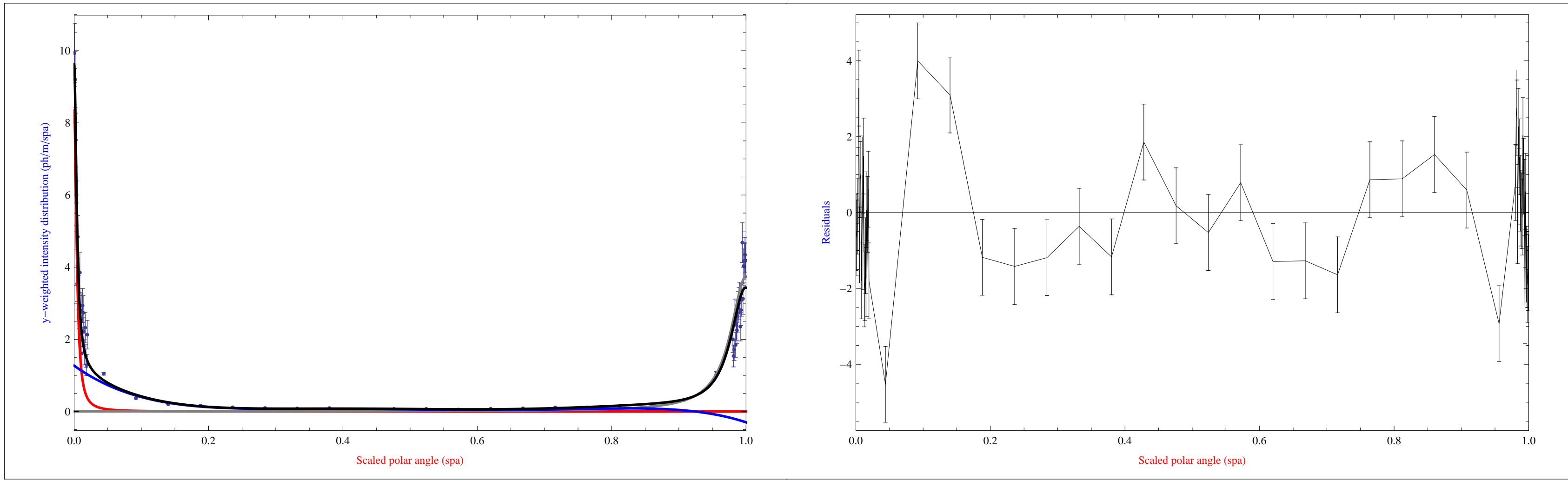


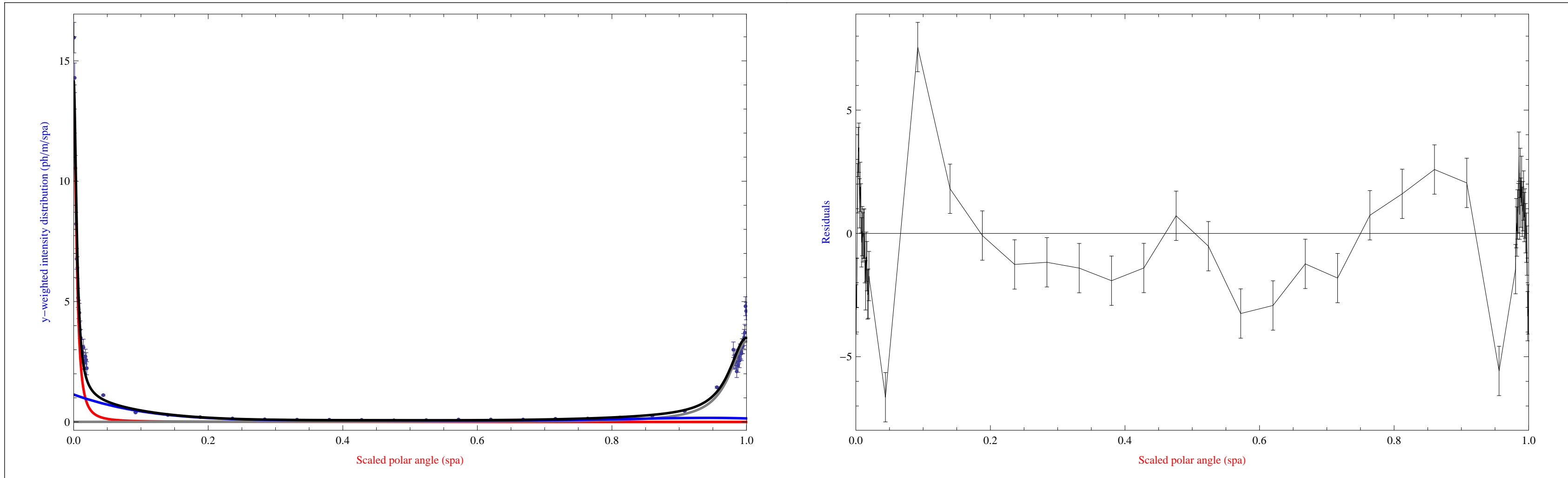
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 151.7 \times 10^{-6}$, $\sigma_a = 4.262 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.82 \times 10^{-3}$, $\sigma_b = 27.48 \times 10^{-3}$
 Background (blue): $c_1 = 1.27$, $c_2 = -13.37$, $c_3 = 57.53$, $c_4 = -118.5$, $c_5 = 116.2$, $c_6 = -43.45$
 $I_a = 55.77 \times 10^{-3}$ ph/m $I_b = 158.4 \times 10^{-3}$ ph/m $I_c = 136.3 \times 10^{-3}$ ph/m $I_{\text{tot}} = 350.4 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.62469$



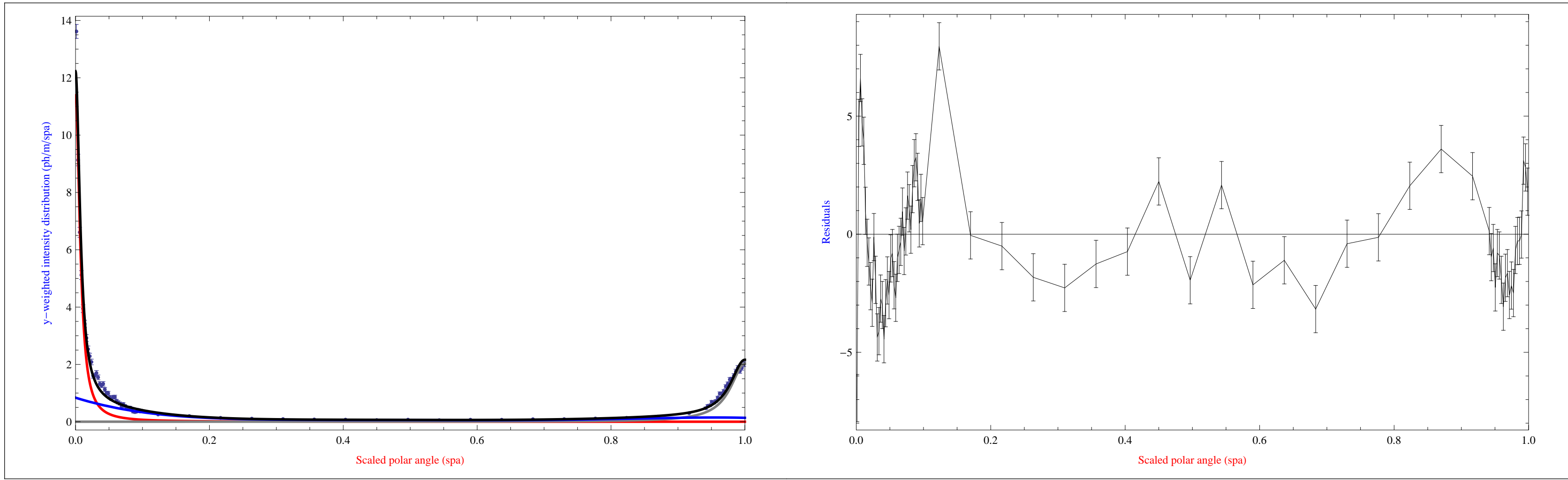
Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 324. \times 10^{-6}$, $\sigma_a = 4.991 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 3.11 \times 10^{-3}$, $\sigma_b = 30.5 \times 10^{-3}$
 Background (blue): $c_1 = 1.139$, $c_2 = -10.15$, $c_3 = 38.07$, $c_4 = -70.18$, $c_5 = 62.68$, $c_6 = -21.42$
 $I_a = 101.7 \times 10^{-3}$ ph/m $I_b = 157.1 \times 10^{-3}$ ph/m $I_c = 176.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 434.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 5.12391$



Type Number 3: SBEND

Lorentzian a (red): $a_0 = 700.4 \times 10^{-6}$, $\sigma_a = 7.843 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.355 \times 10^{-3}$, $\sigma_b = 25.87 \times 10^{-3}$
 Background (blue): $c_1 = 839.5 \times 10^{-3}$, $c_2 = -7.395$, $c_3 = 27.94$, $c_4 = -51.78$, $c_5 = 46.33$, $c_6 = -15.8$
 $I_a = 139.6 \times 10^{-3}$ ph/m $I_b = 80.9 \times 10^{-3}$ ph/m $I_c = 143.4 \times 10^{-3}$ ph/m $I_{\text{tot}} = 363.9 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 6.51153$



Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 1.415 \times 10^{-3}$, $\sigma_a = 5.907 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.401 \times 10^{-3}$, $\sigma_b = 9.046 \times 10^{-3}$
 Background (blue): $c_1 = 812.8 \times 10^{-3}$, $c_2 = -7.814$, $c_3 = 28.68$, $c_4 = -48.92$, $c_5 = 39.37$, $c_6 = -12.15$
 $I_a = 374.9 \times 10^{-3}$ ph/m $I_b = 414.5 \times 10^{-3}$ ph/m $I_c = 86.37 \times 10^{-3}$ ph/m $I_{\text{tot}} = 875.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 3.45827$

