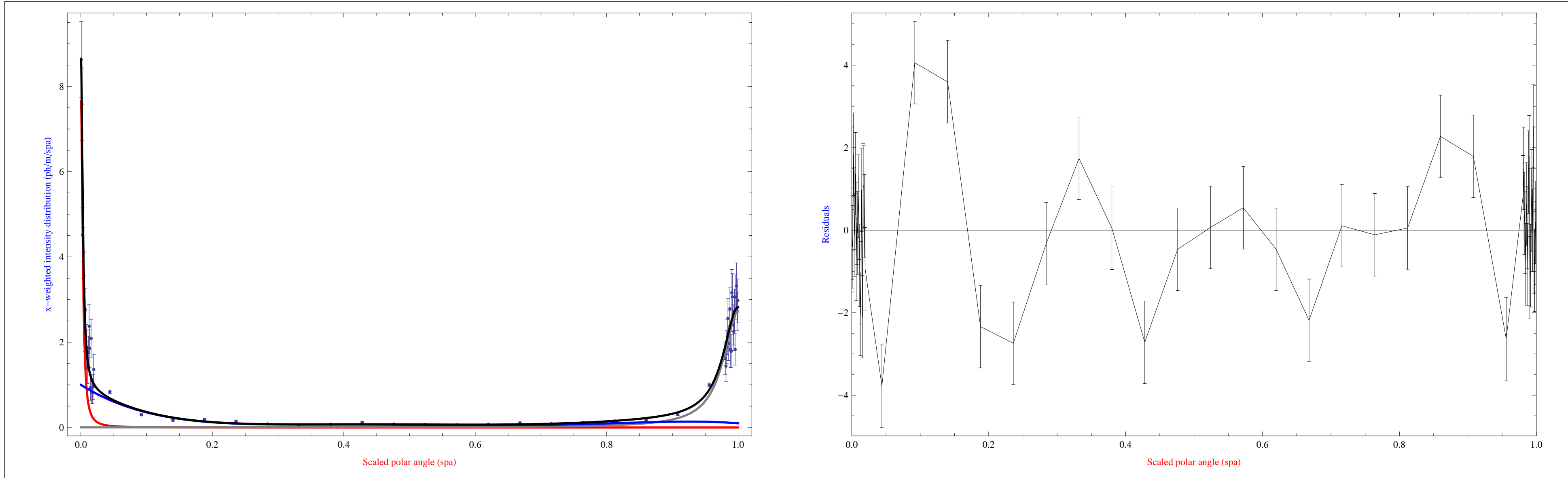


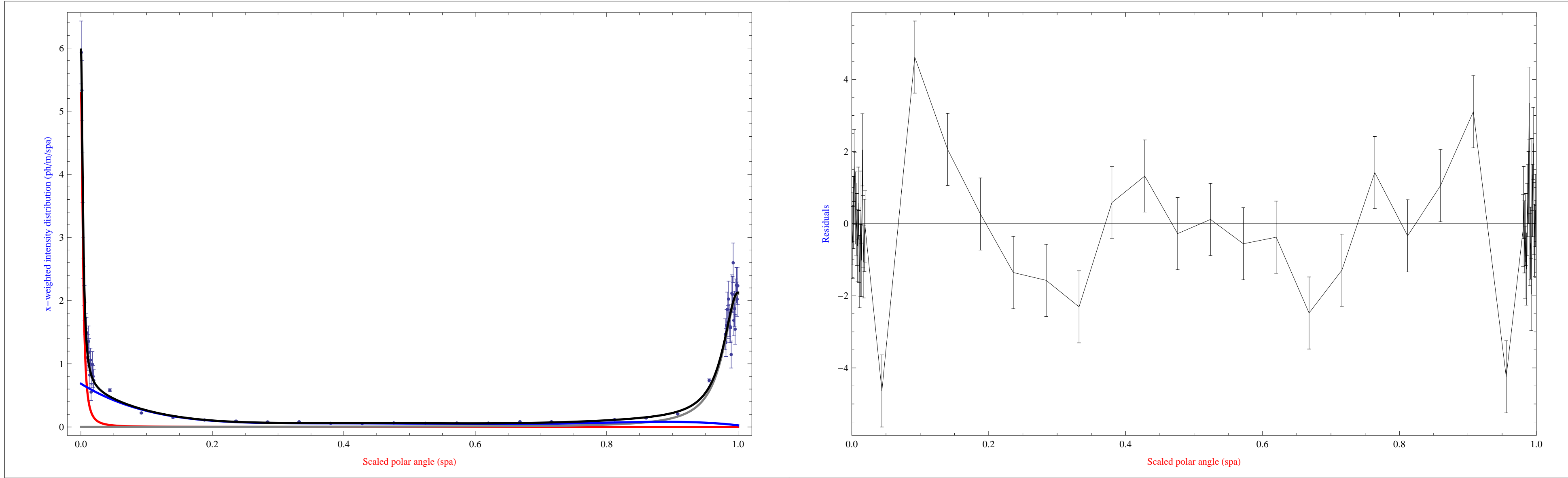
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 76.66 \times 10^{-6}$, $\sigma_a = 3.167 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.009 \times 10^{-3}$, $\sigma_b = 27.17 \times 10^{-3}$
 Background (blue): $c_1 = 999.2 \times 10^{-3}$, $c_2 = -9.653$, $c_3 = 38.6$ $c_4 = -74.03$, $c_5 = 67.61$, $c_6 = -23.43$
 $I_a = 37.95 \times 10^{-3}$ ph/m $I_b = 114.1 \times 10^{-3}$ ph/m $I_c = 149.4 \times 10^{-3}$ ph/m $I_{\text{tot}} = 301.5 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.18655$



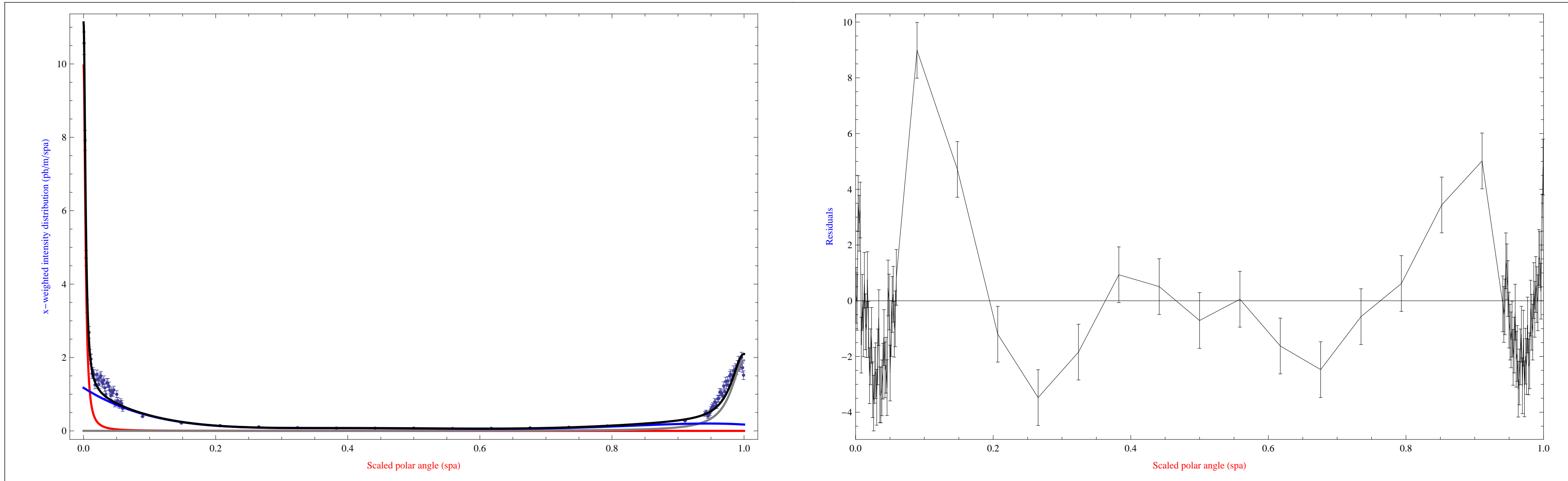
Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 59.29 \times 10^{-6}$, $\sigma_a = 3.348 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.508 \times 10^{-3}$, $\sigma_b = 26.78 \times 10^{-3}$
 Background (blue): $c_1 = 684.9 \times 10^{-3}$, $c_2 = -6.395$, $c_3 = 25.39$ $c_4 = -48.7$, $c_5 = 44.75$, $c_6 = -15.71$
 $I_a = 27.75 \times 10^{-3}$ ph/m $I_b = 86.95 \times 10^{-3}$ ph/m $I_c = 108.6 \times 10^{-3}$ ph/m $I_{\text{tot}} = 223.3 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.35362$



Type Number 3: SBEND

Lorentzian a (red): $a_0 = 106.2 \times 10^{-6}$, $\sigma_a = 3.265 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.025 \times 10^{-3}$, $\sigma_b = 23.09 \times 10^{-3}$
 Background (blue): $c_1 = 1.173$, $c_2 = -11.38$, $c_3 = 45.7$ $c_4 = -88.2$, $c_5 = 80.98$, $c_6 = -28.1$
 $I_a = 50.97 \times 10^{-3}$ ph/m $I_b = 68.71 \times 10^{-3}$ ph/m $I_c = 179.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 298.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 4.95208$



Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 301.1 \times 10^{-6}$, $\sigma_a = 4.415 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 315.6 \times 10^{-6}$, $\sigma_b = 5.037 \times 10^{-3}$
 Background (blue): $c_1 = 290.8 \times 10^{-3}$, $c_2 = -2.249$, $c_3 = 5.337$ $c_4 = -464.3 \times 10^{-3}$, $c_5 = -10.32$, $c_6 = 8$
 $I_a = 106.8 \times 10^{-3}$ ph/m $I_b = 98.12 \times 10^{-3}$ ph/m $I_c = 99.2 \times 10^{-3}$ ph/m $I_{\text{tot}} = 304.1 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 1.27878$

