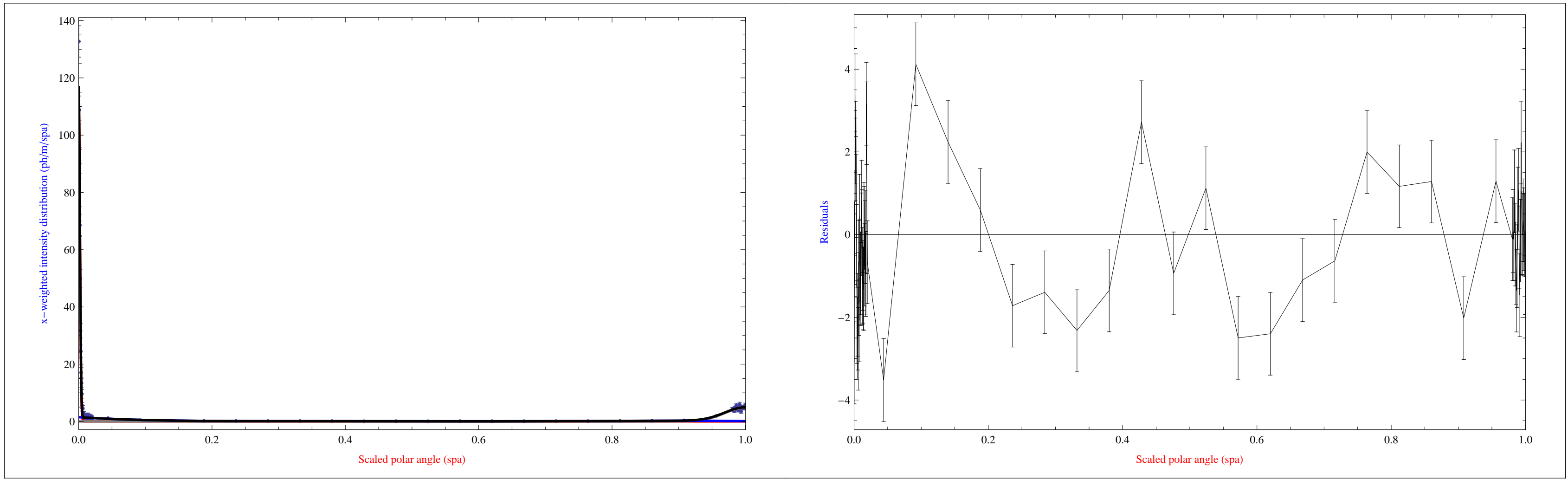


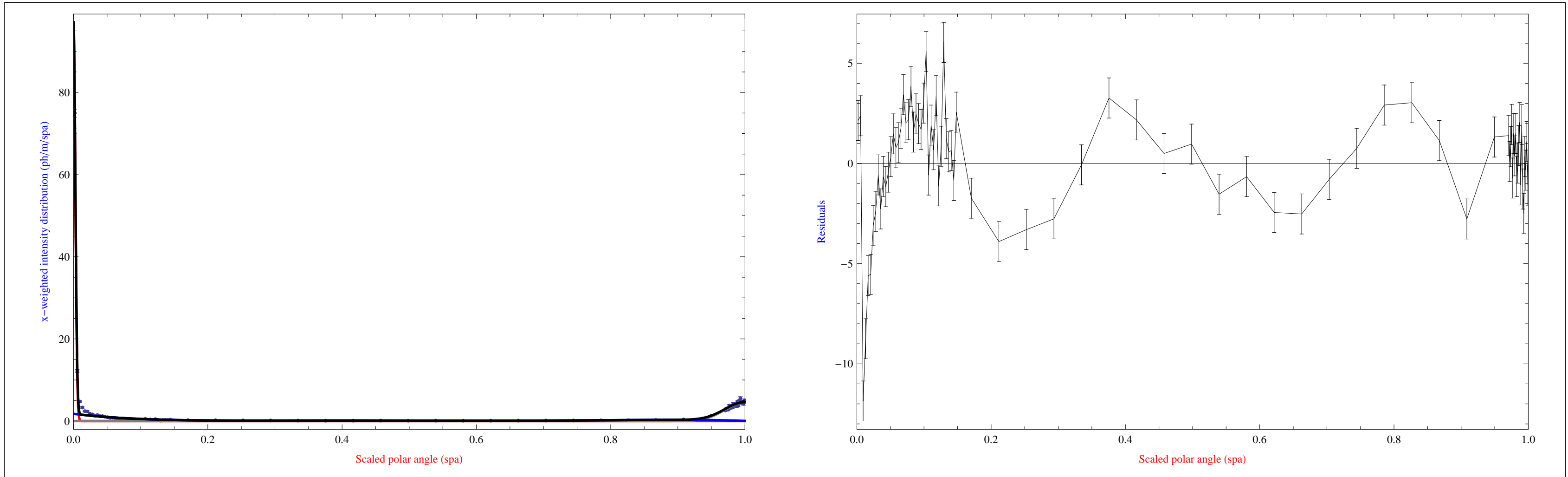
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0 = 537.8 \times 10^{-3}$, $\sigma_a = 1.861 \times 10^{-3}$ Gaussian b (gray): $b_0 = 372.9 \times 10^{-3}$, $\sigma_b = 30.94 \times 10^{-3}$
 Background (blue): $c_1 = 1.495$, $c_2 = -15.17$, $c_3 = 63.77$ $c_4 = -129.3$, $c_5 = 124.6$, $c_6 = -45.33$
 $I_a = 268.9 \times 10^{-3}$ ph/m $I_b = 186.4 \times 10^{-3}$ ph/m $I_c = 212.6 \times 10^{-3}$ ph/m $I_{\text{tot}} = 668. \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.41359$



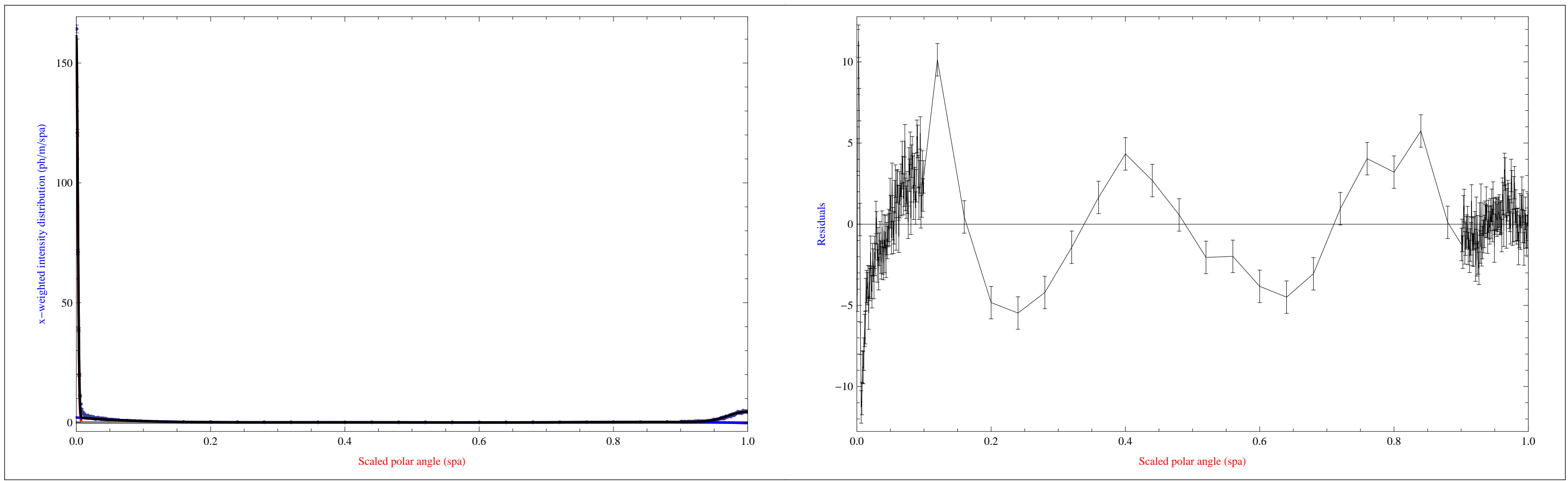
Type Number 2: DRIFT

Gaussian a (red): $a_0 = 652.8 \times 10^{-3}$, $\sigma_a = 2.732 \times 10^{-3}$ Gaussian b (gray): $b_0 = 337.6 \times 10^{-3}$, $\sigma_b = 29.66 \times 10^{-3}$
 Background (blue): $c_1 = 1.753$, $c_2 = -19.54$, $c_3 = 87.27$ $c_4 = -182.6$, $c_5 = 178.8$, $c_6 = -65.67$
 $I_a = 326.4 \times 10^{-3}$ ph/m $I_b = 168.8 \times 10^{-3}$ ph/m $I_c = 239.9 \times 10^{-3}$ ph/m $I_{\text{tot}} = 735.1 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 7.5612$



Type Number 3: SBEND

Gaussian a (red): $a_0 = 859.4 \times 10^{-3}$, $\sigma_a = 2.155 \times 10^{-3}$ Gaussian b (gray): $b_0 = 341. \times 10^{-3}$, $\sigma_b = 28.33 \times 10^{-3}$
 Background (blue): $c_1 = 2.124$, $c_2 = -23.68$, $c_3 = 105.2$ $c_4 = -221.$, $c_5 = 218.6$, $c_6 = -81.56$
 $I_a = 429.7 \times 10^{-3}$ ph/m $I_b = 170.5 \times 10^{-3}$ ph/m $I_c = 246.9 \times 10^{-3}$ ph/m $I_{\text{tot}} = 847.1 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 8.60311$



Type Number 4: WIGGLER

Gaussian a (red): $a_0 = 174.8 \times 10^{-3}$, $\sigma_a = 205.9 \times 10^{-6}$ Gaussian b (gray): $b_0 = 68.3 \times 10^{-3}$, $\sigma_b = 15. \times 10^{-3}$
 Background (blue): $c_1 = 760.6 \times 10^{-3}$, $c_2 = -5.573$, $c_3 = 12.9$ $c_4 = -4.89$, $c_5 = -15.46$, $c_6 = 13.22$
 $I_a = 87.38 \times 10^{-3}$ ph/m $I_b = 34.15 \times 10^{-3}$ ph/m $I_c = 164.4 \times 10^{-3}$ ph/m $I_{\text{tot}} = 286. \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 1.14442$

