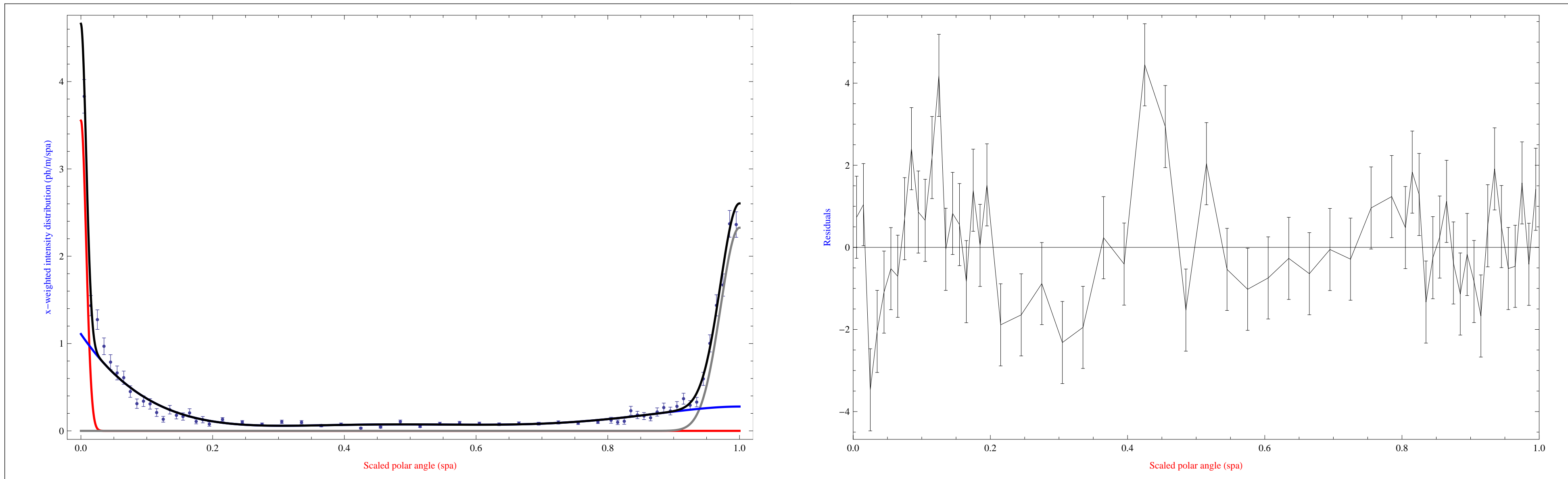


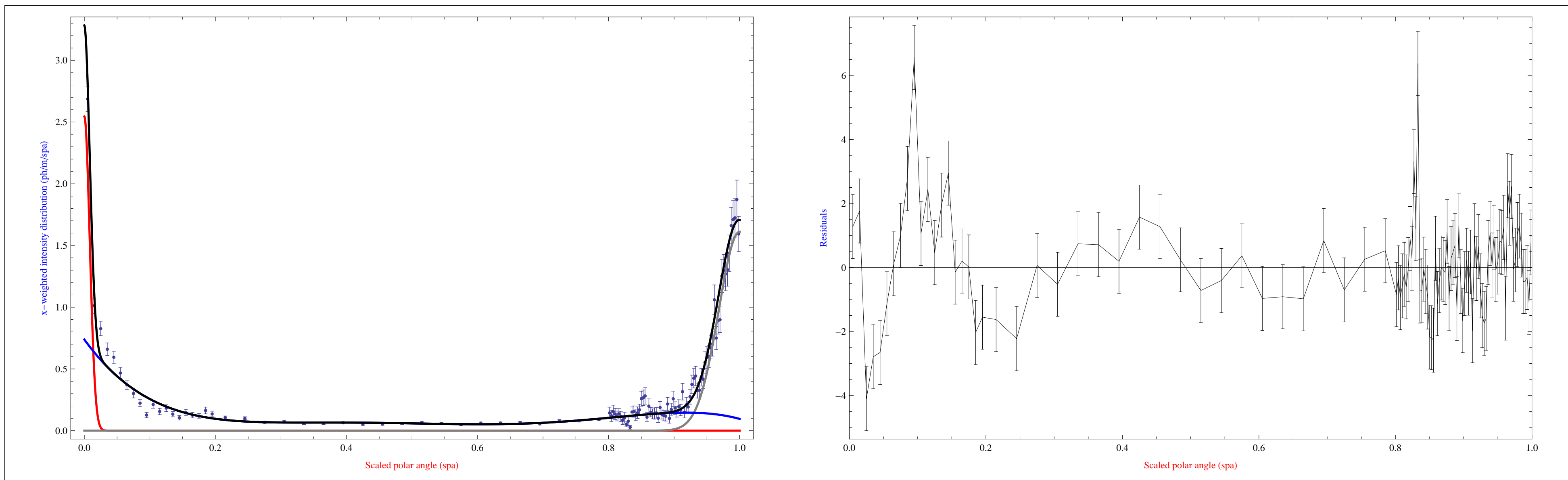
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0 = 70.87 \times 10^{-3}$, $\sigma_a = 7.956 \times 10^{-3}$ Gaussian b (gray): $b_0 = 168.1 \times 10^{-3}$, $\sigma_b = 28.82 \times 10^{-3}$
 Background (blue): $c_1 = 1.109$, $c_2 = -11.03$, $c_3 = 43.92$ $c_4 = -82.45$, $c_5 = 73.1$, $c_6 = -24.37$
 $I_a = 35.43 \times 10^{-3}$ ph/m $I_b = 84.03 \times 10^{-3}$ ph/m $I_c = 179. \times 10^{-3}$ ph/m $I_{\text{tot}} = 298.5 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.24096$



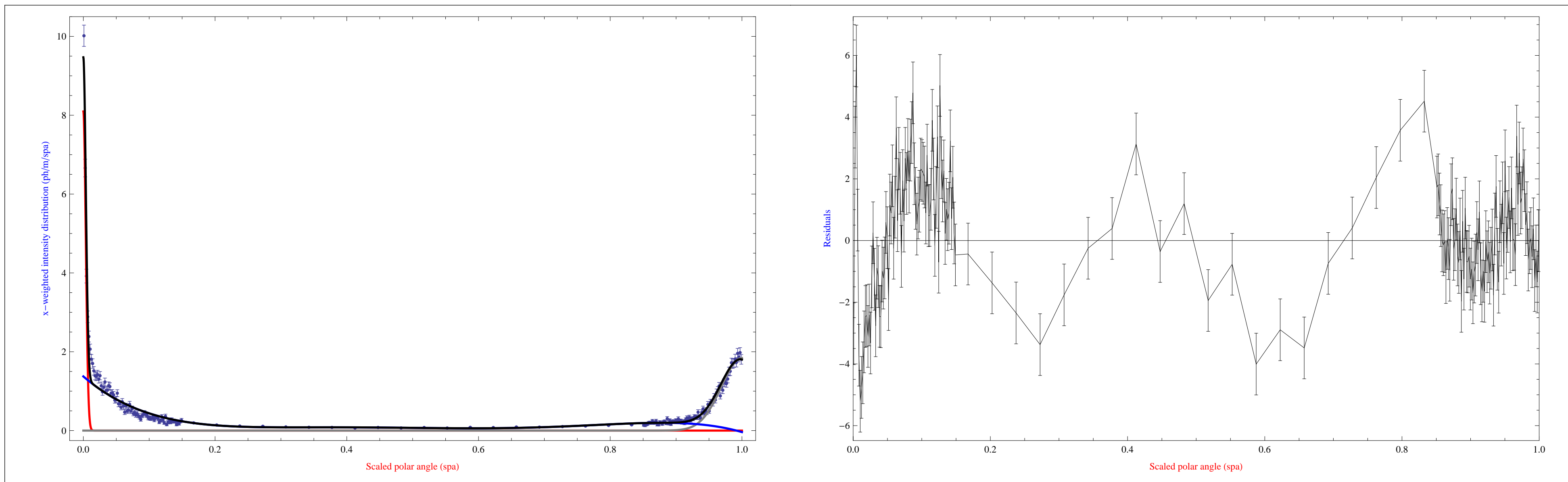
Type Number 2: DRIFT

Gaussian a (red): $a_0 = 52.56 \times 10^{-3}$, $\sigma_a = 8.241 \times 10^{-3}$ Gaussian b (gray): $b_0 = 128.5 \times 10^{-3}$, $\sigma_b = 31.82 \times 10^{-3}$
 Background (blue): $c_1 = 738.5 \times 10^{-3}$, $c_2 = -7.357$, $c_3 = 31$. $c_4 = -62.4$, $c_5 = 59.46$, $c_6 = -21.34$
 $I_a = 26.28 \times 10^{-3}$ ph/m $I_b = 64.24 \times 10^{-3}$ ph/m $I_c = 127.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 218. \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.36959$



Type Number 3: SBEND

Gaussian a (red): $a_0 = 75.41 \times 10^{-3}$, $\sigma_a = 3.716 \times 10^{-3}$ Gaussian b (gray): $b_0 = 144.2 \times 10^{-3}$, $\sigma_b = 31.26 \times 10^{-3}$
 Background (blue): $c_1 = 1.374$, $c_2 = -14.42$, $c_3 = 62$. $c_4 = -127.5$, $c_5 = 124.5$, $c_6 = -45.96$
 $I_a = 37.7 \times 10^{-3}$ ph/m $I_b = 72.12 \times 10^{-3}$ ph/m $I_c = 189.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 298.9 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 3.75391$



Type Number 4: WIGGLER

Gaussian a (red): $a_0 = 228.1 \times 10^{-3}$, $\sigma_a = 12.16 \times 10^{-3}$ Gaussian b (gray): $b_0 = 249.5 \times 10^{-3}$, $\sigma_b = 11.64 \times 10^{-3}$
 Background (blue): $c_1 = 1.442$, $c_2 = -16.95$, $c_3 = 73.61$ $c_4 = -144.2$, $c_5 = 127.5$, $c_6 = -40.51$
 $I_a = 114. \times 10^{-3}$ ph/m $I_b = 124.8 \times 10^{-3}$ ph/m $I_c = 216.7 \times 10^{-3}$ ph/m $I_{\text{tot}} = 455.5 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 1.73775$

