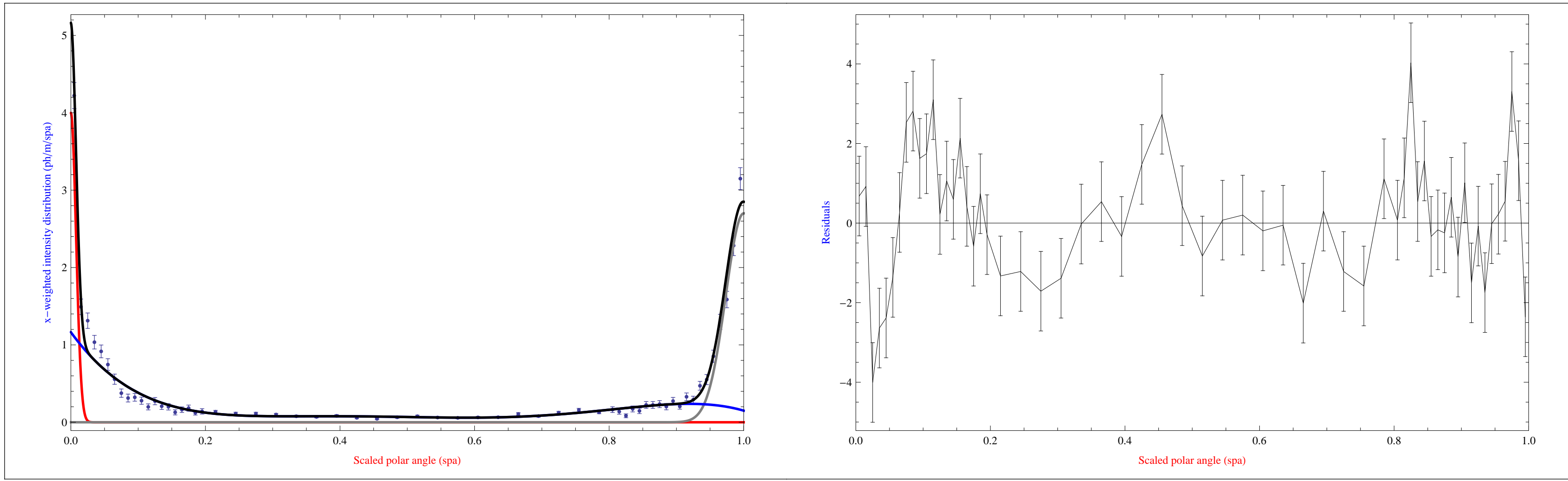


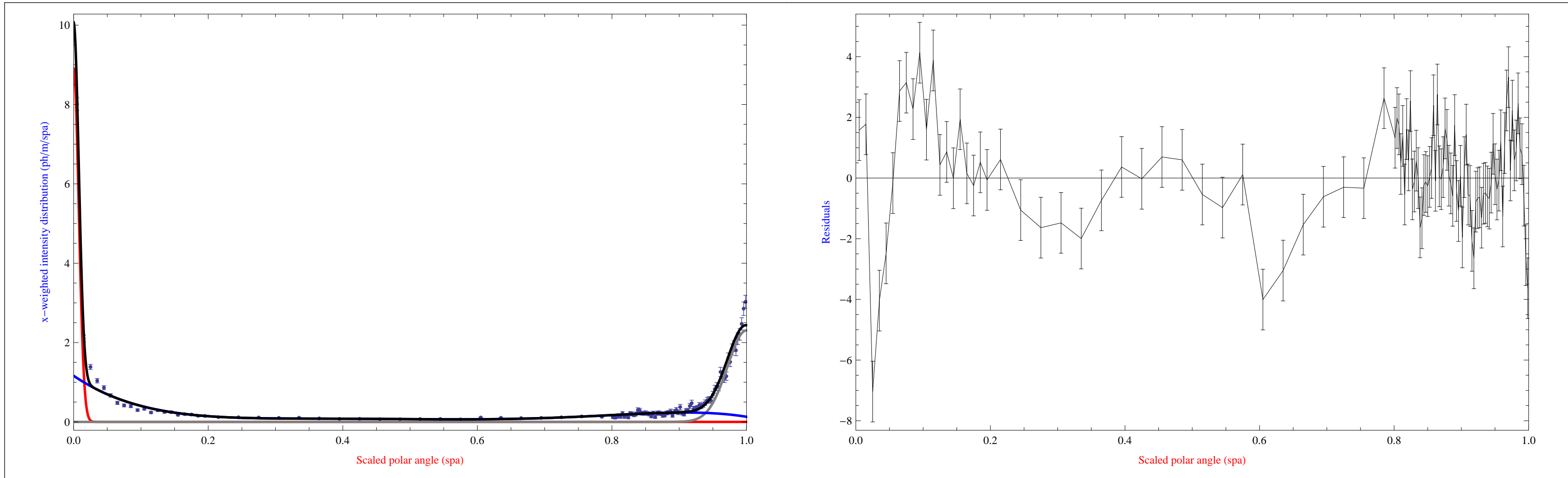
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0 = 76.79 \times 10^{-3}$, $\sigma_a = 7.665 \times 10^{-3}$ Gaussian b (gray): $b_0 = 180.2 \times 10^{-3}$, $\sigma_b = 26.63 \times 10^{-3}$
 Background (blue): $c_1 = 1.164$, $c_2 = -11.98$, $c_3 = 50.83$ $c_4 = -103.1$, $c_5 = 99.04$, $c_6 = -35.81$
 $I_a = 38.4 \times 10^{-3}$ ph/m $I_b = 90.11 \times 10^{-3}$ ph/m $I_c = 185.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 313.6 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.40842$



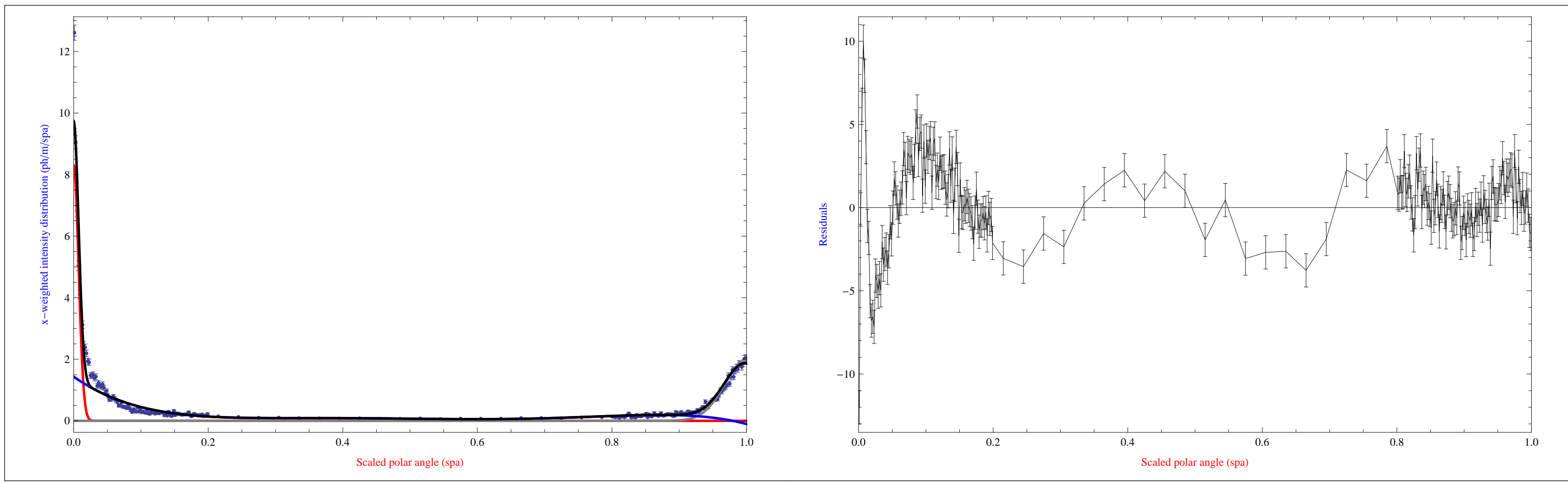
Type Number 2: DRIFT

Gaussian a (red): $a_0 = 168.8 \times 10^{-3}$, $\sigma_a = 7.561 \times 10^{-3}$ Gaussian b (gray): $b_0 = 163.1 \times 10^{-3}$, $\sigma_b = 28.21 \times 10^{-3}$
 Background (blue): $c_1 = 1.162$, $c_2 = -11.51$, $c_3 = 48.04$ $c_4 = -97.03$, $c_5 = 93.57$, $c_6 = -34.1$
 $I_a = 84.41 \times 10^{-3}$ ph/m $I_b = 81.56 \times 10^{-3}$ ph/m $I_c = 192.8 \times 10^{-3}$ ph/m $I_{\text{tot}} = 358.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.88152$



Type Number 3: SBEND

Gaussian a (red): $a_0 = 153. \times 10^{-3}$, $\sigma_a = 7.348 \times 10^{-3}$ Gaussian b (gray): $b_0 = 159.6 \times 10^{-3}$, $\sigma_b = 32.35 \times 10^{-3}$
 Background (blue): $c_1 = 1.433$, $c_2 = -15.25$, $c_3 = 66.58$ $c_4 = -138.7$, $c_5 = 136.8$, $c_6 = -50.94$
 $I_a = 76.48 \times 10^{-3}$ ph/m $I_b = 79.8 \times 10^{-3}$ ph/m $I_c = 189.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 345.7 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 6.3393$



Type Number 4: WIGGLER

Gaussian a (red): $a_0 = 508. \times 10^{-3}$, $\sigma_a = 6.365 \times 10^{-3}$ Gaussian b (gray): $b_0 = 732.9 \times 10^{-3}$, $\sigma_b = 21.54 \times 10^{-3}$
 Background (blue): $c_1 = 1.72$, $c_2 = -21.17$, $c_3 = 98.17$ $c_4 = -209.2$, $c_5 = 207.2$, $c_6 = -77.06$
 $I_a = 254. \times 10^{-3}$ ph/m $I_b = 366.5 \times 10^{-3}$ ph/m $I_c = 164.7 \times 10^{-3}$ ph/m $I_{\text{tot}} = 785.2 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 4.21669$

