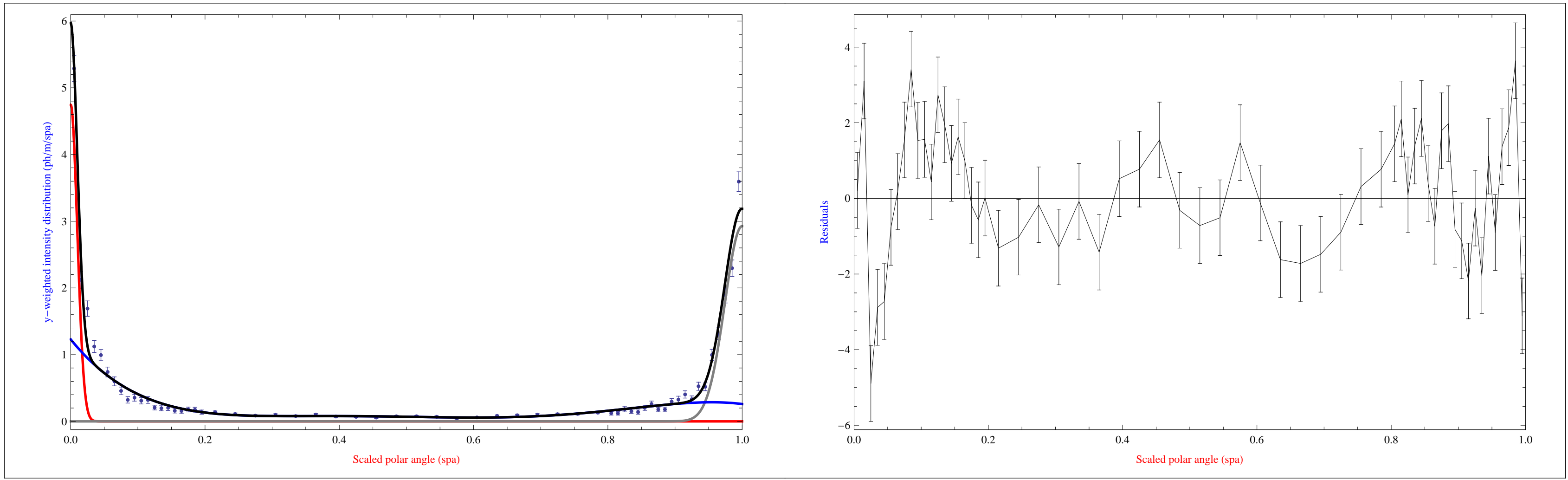


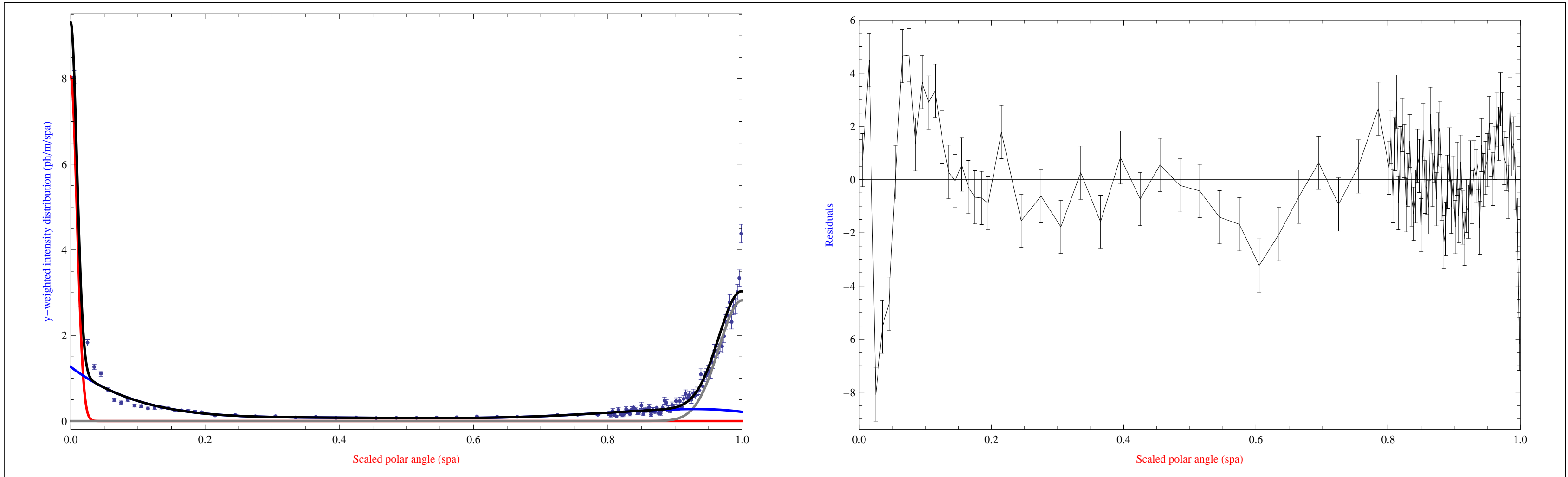
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0 = 116.1 \times 10^{-3}$, $\sigma_a = 9.768 \times 10^{-3}$ Gaussian b (gray): $b_0 = 188.7 \times 10^{-3}$, $\sigma_b = 25.73 \times 10^{-3}$
 Background (blue): $c_1 = 1.229$, $c_2 = -12.46$, $c_3 = 51.92$, $c_4 = -103.2$, $c_5 = 96.95$, $c_6 = -34.16$
 $I_a = 58.07 \times 10^{-3}$ ph/m $I_b = 94.35 \times 10^{-3}$ ph/m $I_c = 198. \times 10^{-3}$ ph/m $I_{\text{tot}} = 350.4 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.8218$



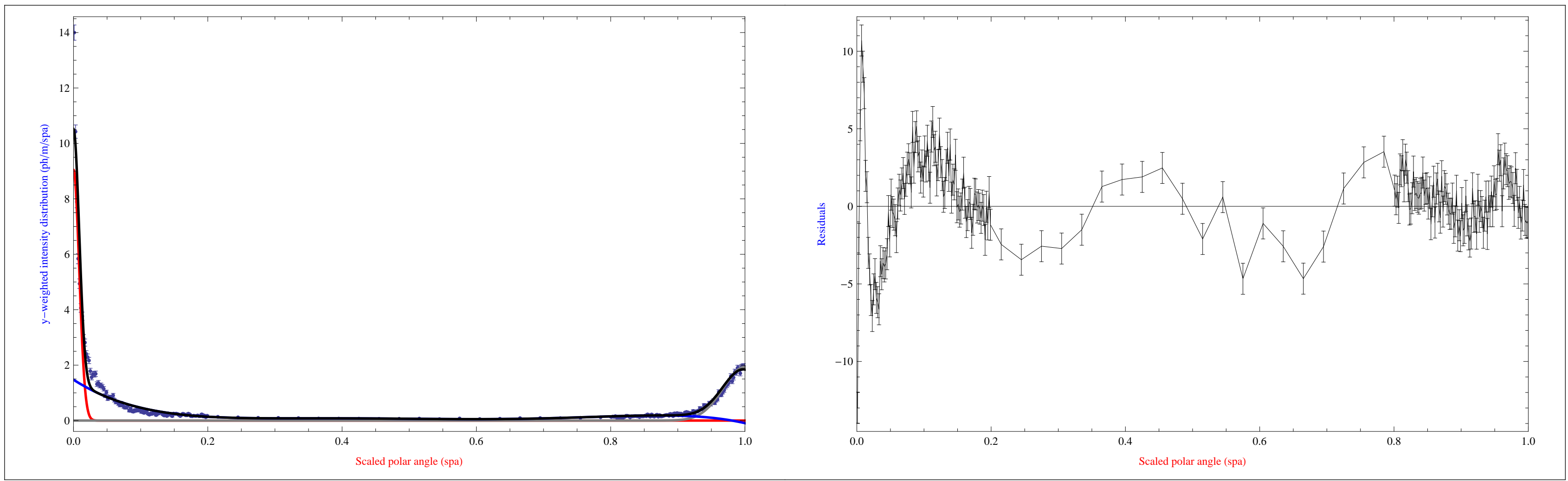
Type Number 2: DRIFT

Gaussian a (red): $a_0 = 185.6 \times 10^{-3}$, $\sigma_a = 9.195 \times 10^{-3}$ Gaussian b (gray): $b_0 = 244.2 \times 10^{-3}$, $\sigma_b = 34.56 \times 10^{-3}$
 Background (blue): $c_1 = 1.264$, $c_2 = -11.83$, $c_3 = 47.09$, $c_4 = -92.17$, $c_5 = 87.22$, $c_6 = -31.35$
 $I_a = 92.8 \times 10^{-3}$ ph/m $I_b = 122.1 \times 10^{-3}$ ph/m $I_c = 219.9 \times 10^{-3}$ ph/m $I_{\text{tot}} = 434.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 3.89065$



Type Number 3: SBEND

Gaussian a (red): $a_0 = 191.8 \times 10^{-3}$, $\sigma_a = 8.459 \times 10^{-3}$ Gaussian b (gray): $b_0 = 157.4 \times 10^{-3}$, $\sigma_b = 32.49 \times 10^{-3}$
 Background (blue): $c_1 = 1.474$, $c_2 = -15.56$, $c_3 = 66.97$, $c_4 = -138.$, $c_5 = 134.9$, $c_6 = -49.94$
 $I_a = 95.9 \times 10^{-3}$ ph/m $I_b = 78.7 \times 10^{-3}$ ph/m $I_c = 189.3 \times 10^{-3}$ ph/m $I_{\text{tot}} = 363.9 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 7.07665$



Type Number 4: WIGGLER

Gaussian a (red): $a_0 = 571. \times 10^{-3}$, $\sigma_a = 6.103 \times 10^{-3}$ Gaussian b (gray): $b_0 = 735.7 \times 10^{-3}$, $\sigma_b = 20.04 \times 10^{-3}$
 Background (blue): $c_1 = 2.075$, $c_2 = -23.16$, $c_3 = 98.96$, $c_4 = -198.2$, $c_5 = 186.7$, $c_6 = -66.33$
 $I_a = 285.5 \times 10^{-3}$ ph/m $I_b = 367.8 \times 10^{-3}$ ph/m $I_c = 222.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 875.8 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 4.66064$

