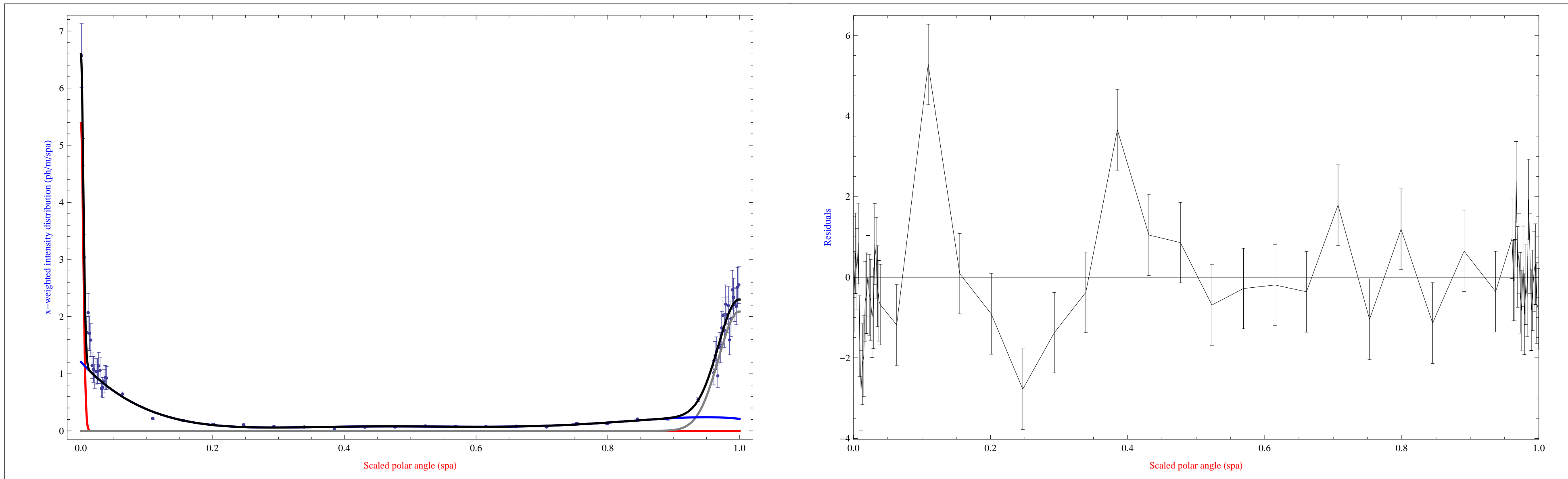


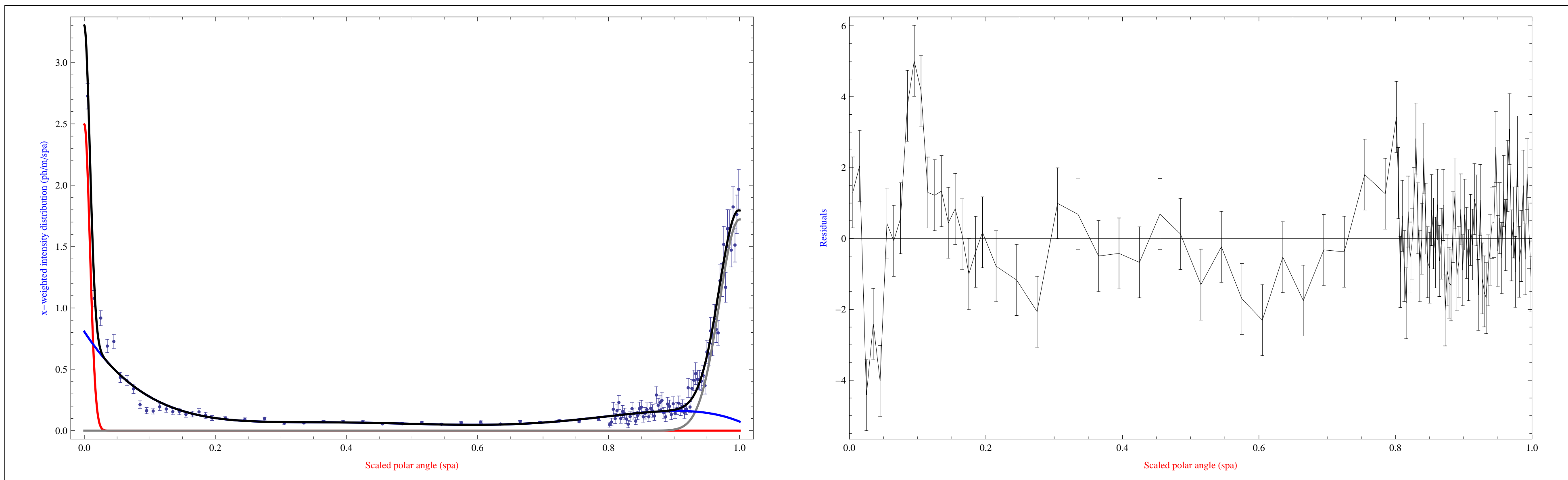
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0 = 47.69 \times 10^{-3}$, $\sigma_a = 3.531 \times 10^{-3}$ Gaussian b (gray): $b_0 = 166.6 \times 10^{-3}$, $\sigma_b = 31.81 \times 10^{-3}$
 Background (blue): $c_1 = 1.206$, $c_2 = -12.54$, $c_3 = 51.8$ $c_4 = -100.6$, $c_5 = 92.23$, $c_6 = -31.86$
 $I_a = 23.84 \times 10^{-3}$ ph/m $I_b = 83.28 \times 10^{-3}$ ph/m $I_c = 183.2 \times 10^{-3}$ ph/m $I_{\text{tot}} = 290.3 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 1.70649$



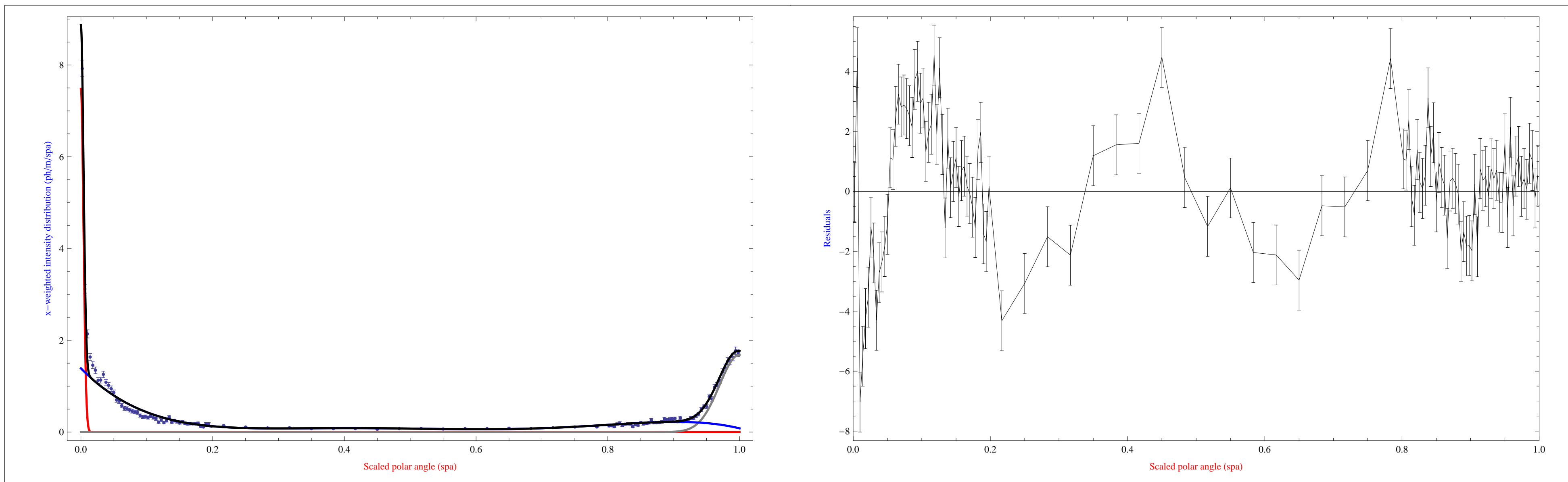
Type Number 2: DRIFT

Gaussian a (red): $a_0 = 52.93 \times 10^{-3}$, $\sigma_a = 8.46 \times 10^{-3}$ Gaussian b (gray): $b_0 = 133.1 \times 10^{-3}$, $\sigma_b = 30.86 \times 10^{-3}$
 Background (blue): $c_1 = 806.6 \times 10^{-3}$, $c_2 = -8.178$, $c_3 = 35.17$ $c_4 = -72.55$, $c_5 = 70.81$, $c_6 = -25.99$
 $I_a = 26.47 \times 10^{-3}$ ph/m $I_b = 66.56 \times 10^{-3}$ ph/m $I_c = 135.2 \times 10^{-3}$ ph/m $I_{\text{tot}} = 228.2 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 2.20496$



Type Number 3: SBEND

Gaussian a (red): $a_0 = 73.01 \times 10^{-3}$, $\sigma_a = 3.894 \times 10^{-3}$ Gaussian b (gray): $b_0 = 128.2 \times 10^{-3}$, $\sigma_b = 30.34 \times 10^{-3}$
 Background (blue): $c_1 = 1.389$, $c_2 = -14.69$, $c_3 = 62.91$ $c_4 = -127.7$, $c_5 = 122.4$, $c_6 = -44.2$
 $I_a = 36.51 \times 10^{-3}$ ph/m $I_b = 64.12 \times 10^{-3}$ ph/m $I_c = 197.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 297.7 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 4.36806$



Type Number 4: WIGGLER

Gaussian a (red): $a_0 = 387. \times 10^{-3}$, $\sigma_a = 20.1 \times 10^{-3}$ Gaussian b (gray): $b_0 = 349.7 \times 10^{-3}$, $\sigma_b = 19.14 \times 10^{-3}$
 Background (blue): $c_1 = 449.7 \times 10^{-3}$, $c_2 = -3.256$, $c_3 = 5.854$ $c_4 = 6.713$, $c_5 = -24.93$, $c_6 = 15.95$
 $I_a = 193.5 \times 10^{-3}$ ph/m $I_b = 174.9 \times 10^{-3}$ ph/m $I_c = 125.1 \times 10^{-3}$ ph/m $I_{\text{tot}} = 493.4 \times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}} = 1.90943$

