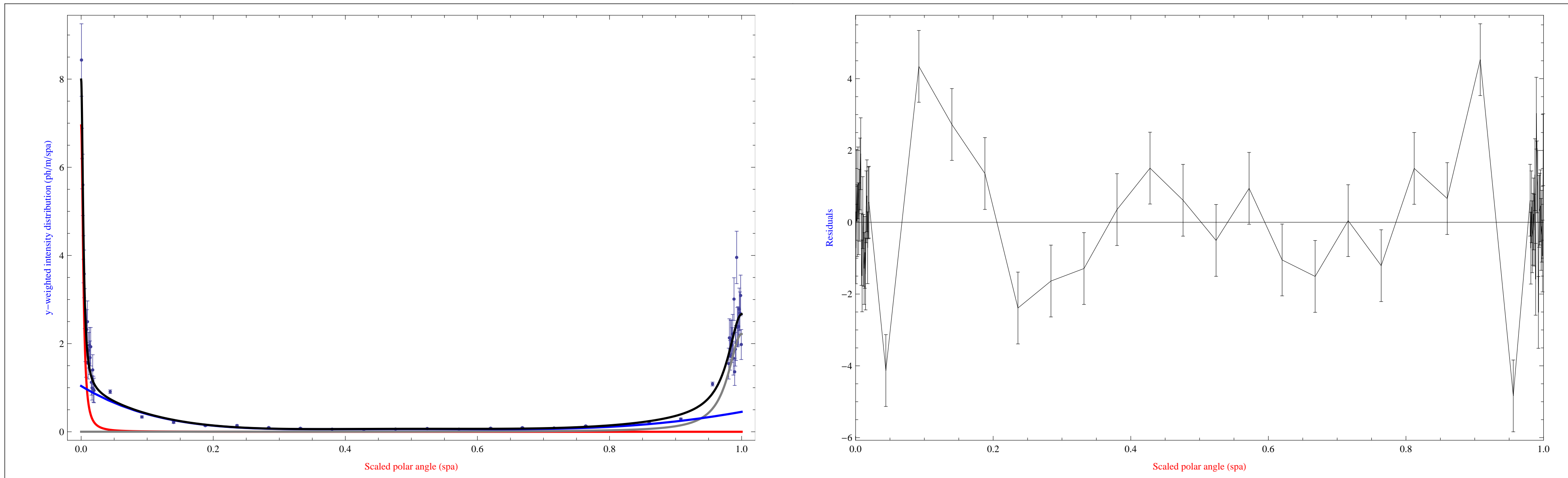
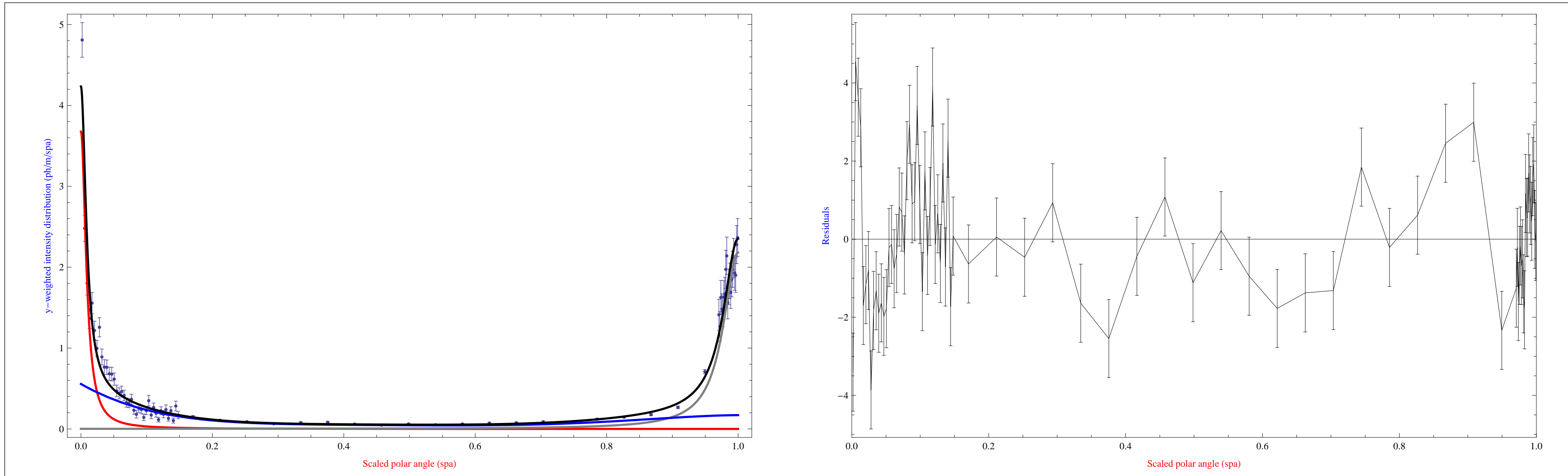


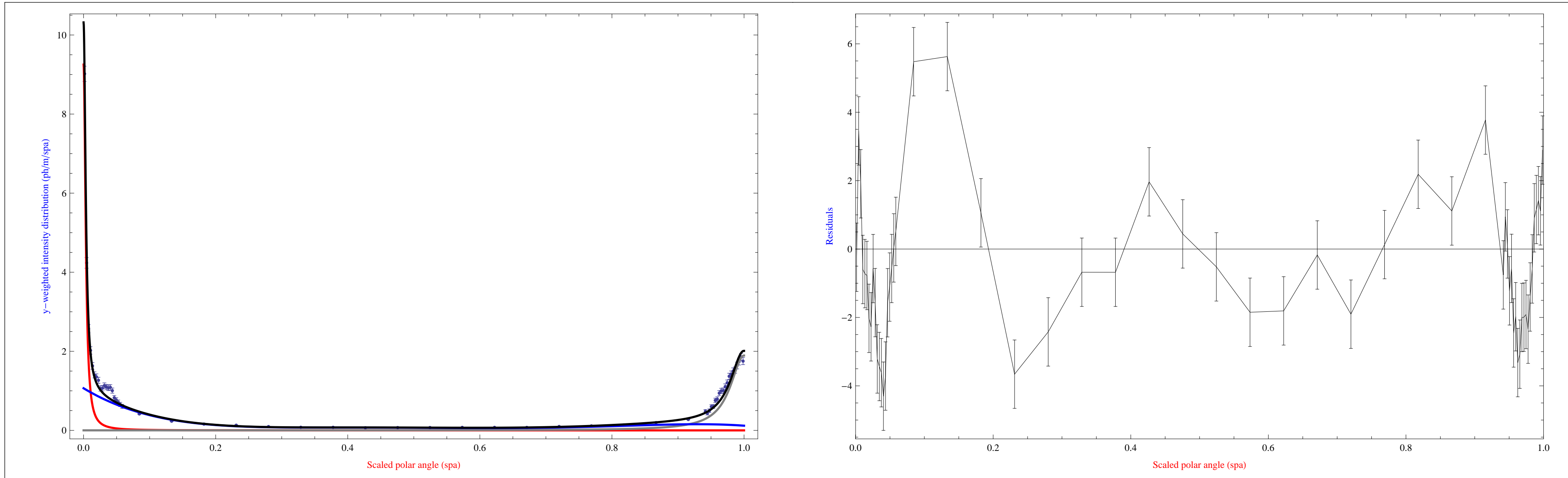
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 85.88 \times 10^{-6}$, $\sigma_a = 3.515 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.336 \times 10^{-3}$, $\sigma_b = 24.55 \times 10^{-3}$ Background (blue): $c_1 = 1.039$, $c_2 = -9.121$, $c_3 = 32.33$ $c_4 = -54.09$, $c_5 = 42.05$, $c_6 = -11.76$ $I_a = 38.29 \times 10^{-3}$ ph/m $I_b = 84.17 \times 10^{-3}$ ph/m $I_c = 184.2 \times 10^{-3}$ ph/m $I_{\text{tot}} = 306.7 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 2.63688$ 

Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 313.5 \times 10^{-6}$, $\sigma_a = 9.234 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.597 \times 10^{-3}$, $\sigma_b = 27.05 \times 10^{-3}$ Background (blue): $c_1 = 556.3 \times 10^{-3}$, $c_2 = -4.645$, $c_3 = 17.27$ $c_4 = -31.97$, $c_5 = 28.69$, $c_6 = -9.744$ $I_a = 53.01 \times 10^{-3}$ ph/m $I_b = 91.1 \times 10^{-3}$ ph/m $I_c = 115.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 259.6 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 2.8251$ 

Type Number 3: SBEND

Lorentzian a (red): $a_0 = 123.8 \times 10^{-6}$, $\sigma_a = 3.658 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.183 \times 10^{-3}$, $\sigma_b = 25. \times 10^{-3}$ Background (blue): $c_1 = 1.066$, $c_2 = -10.09$, $c_3 = 39.78$ $c_4 = -75.63$, $c_5 = 68.77$, $c_6 = -23.78$ $I_a = 53.04 \times 10^{-3}$ ph/m $I_b = 73.14 \times 10^{-3}$ ph/m $I_c = 163.4 \times 10^{-3}$ ph/m $I_{\text{tot}} = 289.6 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 4.92678$ 

Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 2.043 \times 10^{-3}$, $\sigma_a = 11.55 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.379 \times 10^{-3}$, $\sigma_b = 13.3 \times 10^{-3}$ Background (blue): $c_1 = 267.1 \times 10^{-3}$, $c_2 = -4.495$, $c_3 = 21.15$ $c_4 = -38.84$, $c_5 = 29.37$, $c_6 = -7.315$ $I_a = 275.7 \times 10^{-3}$ ph/m $I_b = 278.5 \times 10^{-3}$ ph/m $I_c = 13.3 \times 10^{-3}$ ph/m $I_{\text{tot}} = 567.5 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 2.14434$ 