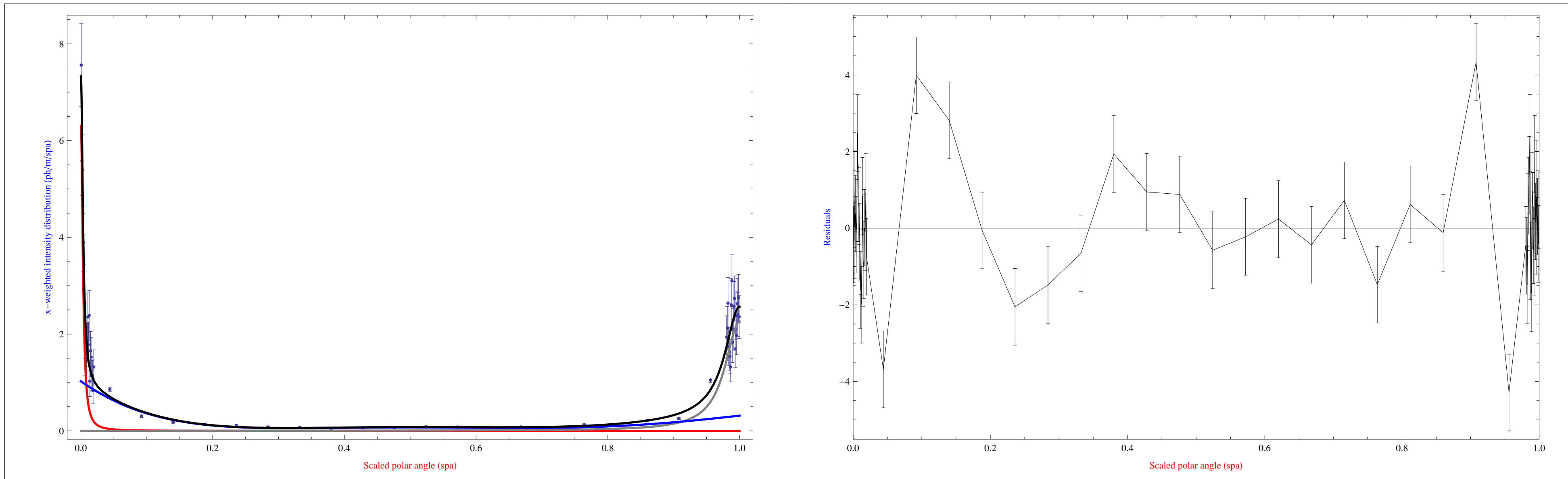
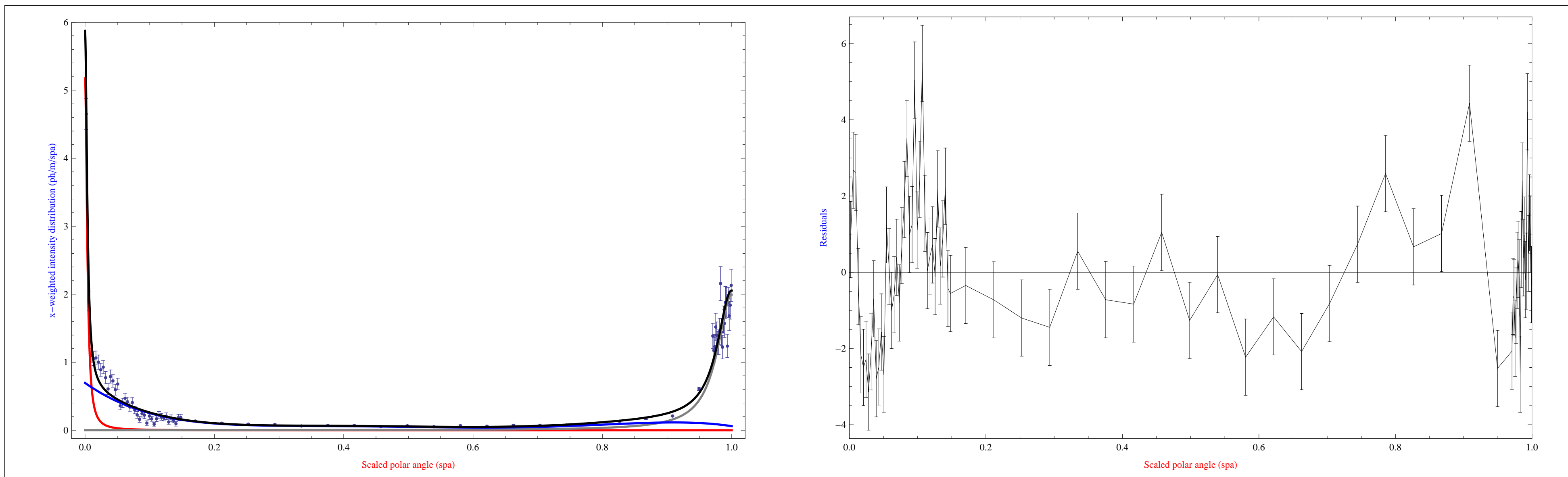


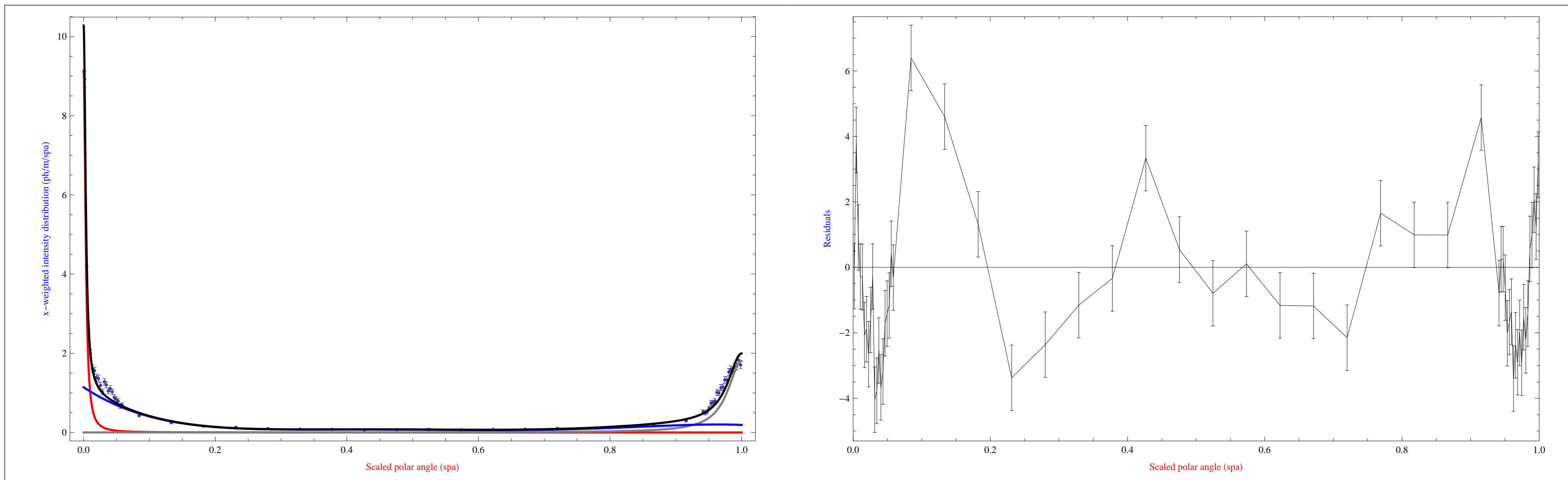
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 76.04 \times 10^{-6}$, $\sigma_a = 3.474 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.591 \times 10^{-3}$, $\sigma_b = 26.58 \times 10^{-3}$ Background (blue): $c_1 = 1.026$, $c_2 = -9.707$, $c_3 = 36.52$ $c_4 = -64.04$, $c_5 = 52.28$, $c_6 = -15.76$ $I_a = 34.31 \times 10^{-3}$ ph/m $I_b = 92.42 \times 10^{-3}$ ph/m $I_c = 163.6 \times 10^{-3}$ ph/m $I_{\text{tot}} = 290.3 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 2.22997$ 

Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 74.7 \times 10^{-6}$, $\sigma_a = 3.799 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.438 \times 10^{-3}$, $\sigma_b = 26.86 \times 10^{-3}$ Background (blue): $c_1 = 696.6 \times 10^{-3}$, $c_2 = -6.744$, $c_3 = 28.11$ $c_4 = -56.58$, $c_5 = 54.07$, $c_6 = -19.49$ $I_a = 30.81 \times 10^{-3}$ ph/m $I_b = 82.66 \times 10^{-3}$ ph/m $I_c = 114.8 \times 10^{-3}$ ph/m $I_{\text{tot}} = 228.2 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 3.35497$ 

Type Number 3: SBEND

Lorentzian a (red): $a_0 = 114.1 \times 10^{-6}$, $\sigma_a = 3.534 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.15 \times 10^{-3}$, $\sigma_b = 25.25 \times 10^{-3}$ Background (blue): $c_1 = 1.141$, $c_2 = -10.97$, $c_3 = 43.44$ $c_4 = -82.25$, $c_5 = 73.97$, $c_6 = -25.14$ $I_a = 50.59 \times 10^{-3}$ ph/m $I_b = 70.4 \times 10^{-3}$ ph/m $I_c = 176.7 \times 10^{-3}$ ph/m $I_{\text{tot}} = 297.7 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 5.21493$ 

Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 2.835 \times 10^{-3}$, $\sigma_a = 15.7 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.923 \times 10^{-3}$, $\sigma_b = 16.91 \times 10^{-3}$ Background (blue): $c_1 = -354.5 \times 10^{-3}$, $c_2 = 2.973$, $c_3 = -11.92$ $c_4 = 27.05$, $c_5 = -29.83$, $c_6 = 11.94$ $I_a = 280.7 \times 10^{-3}$ ph/m $I_b = 268.7 \times 10^{-3}$ ph/m $I_c = -55.99 \times 10^{-3}$ ph/m $I_{\text{tot}} = 493.4 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 1.71675$ 