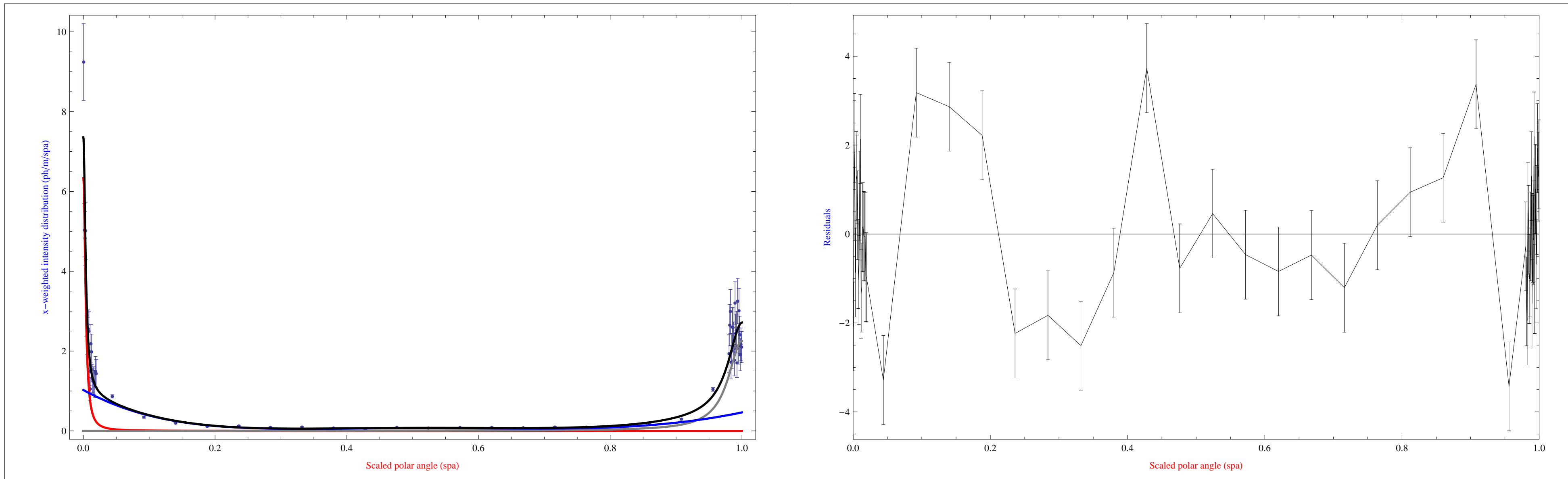
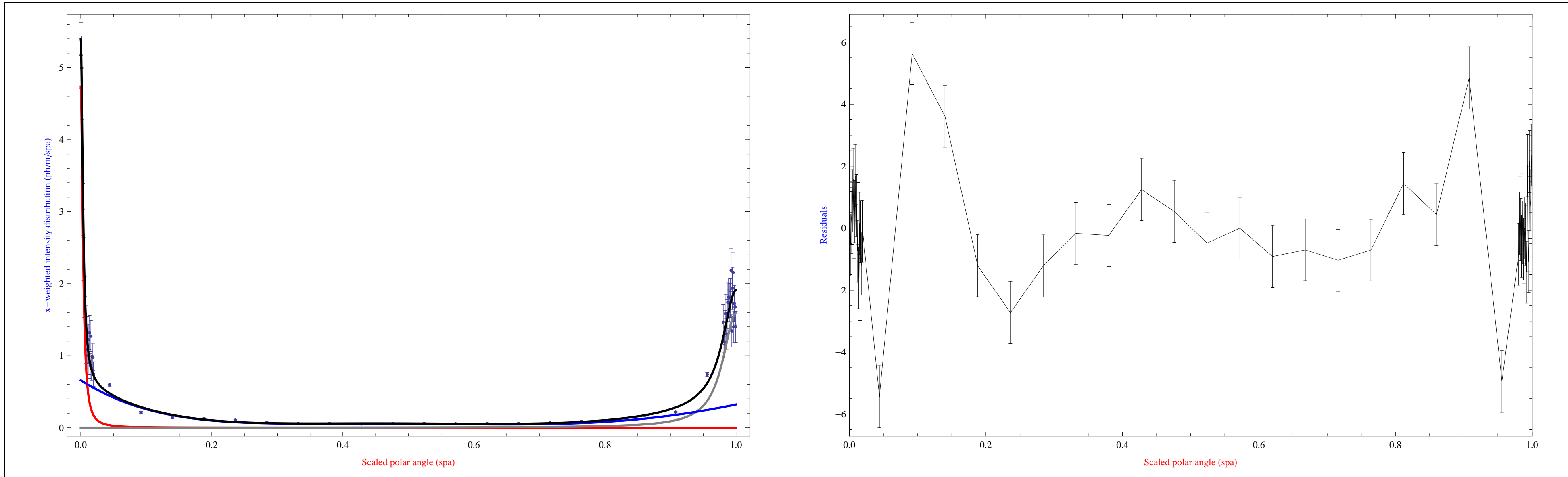


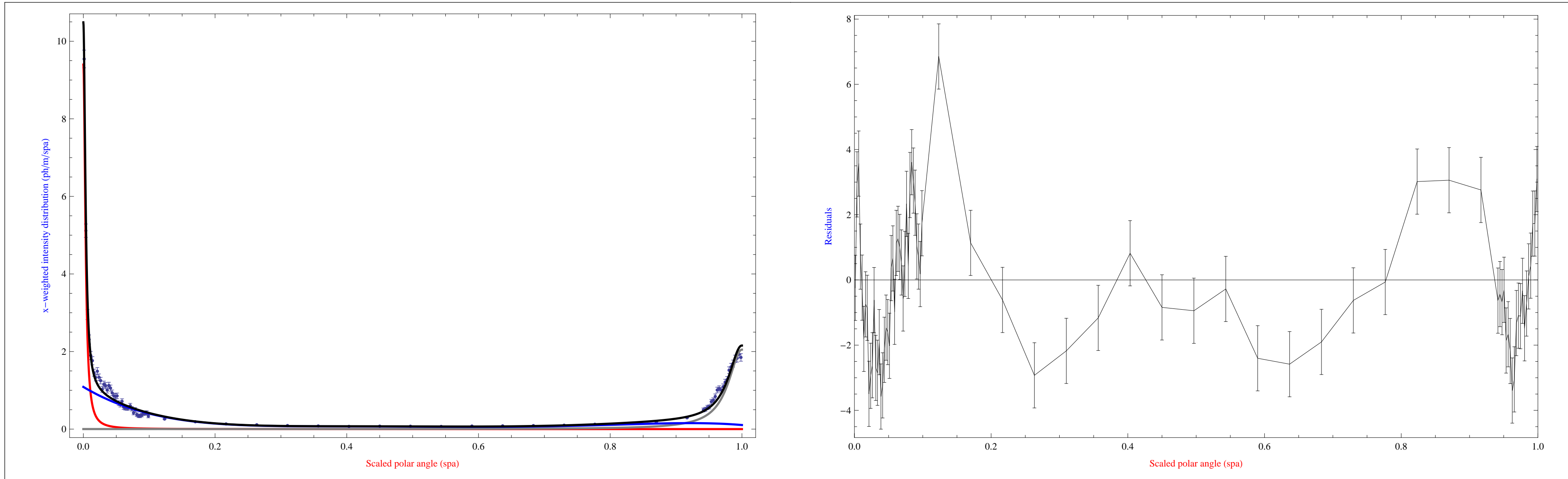
Type Number 1: QUADRUPOLE

Lorentzian a (red):  $a_0 = 89.81 \times 10^{-6}$ ,  $\sigma_a = 3.766 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 1.417 \times 10^{-3}$ ,  $\sigma_b = 25.09 \times 10^{-3}$ Background (blue):  $c_1 = 1.024$ ,  $c_2 = -9.116$ ,  $c_3 = 31.78$ ,  $c_4 = -50.61$ ,  $c_5 = 36.08$ ,  $c_6 = -8.697$  $I_a = 37.37 \times 10^{-3}$  ph/m  $I_b = 87.31 \times 10^{-3}$  ph/m  $I_c = 173.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 298.5 \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 2.44789$ 

Type Number 2: DRIFT

Lorentzian a (red):  $a_0 = 68.45 \times 10^{-6}$ ,  $\sigma_a = 3.801 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 945. \times 10^{-6}$ ,  $\sigma_b = 24.39 \times 10^{-3}$ Background (blue):  $c_1 = 659. \times 10^{-3}$ ,  $c_2 = -5.829$ ,  $c_3 = 21.48$ ,  $c_4 = -37.2$ ,  $c_5 = 29.72$ ,  $c_6 = -8.5$  $I_a = 28.22 \times 10^{-3}$  ph/m  $I_b = 59.91 \times 10^{-3}$  ph/m  $I_c = 129.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 218. \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 3.00102$ 

Type Number 3: SBEND

Lorentzian a (red):  $a_0 = 125. \times 10^{-6}$ ,  $\sigma_a = 3.647 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 1.248 \times 10^{-3}$ ,  $\sigma_b = 24.68 \times 10^{-3}$ Background (blue):  $c_1 = 1.088$ ,  $c_2 = -10.16$ ,  $c_3 = 39.71$ ,  $c_4 = -75.36$ ,  $c_5 = 68.76$ ,  $c_6 = -23.92$  $I_a = 53.72 \times 10^{-3}$  ph/m  $I_b = 78.18 \times 10^{-3}$  ph/m  $I_c = 167. \times 10^{-3}$  ph/m  $I_{\text{tot}} = 298.9 \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 4.19333$ 

Type Number 4: WIGGLER

Lorentzian a (red):  $a_0 = 2.07 \times 10^{-3}$ ,  $\sigma_a = 14.48 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 2.109 \times 10^{-3}$ ,  $\sigma_b = 13.83 \times 10^{-3}$ Background (blue):  $c_1 = 300.1 \times 10^{-3}$ ,  $c_2 = -6.216$ ,  $c_3 = 35.56$ ,  $c_4 = -82.82$ ,  $c_5 = 84.91$ ,  $c_6 = -31.97$  $I_a = 222.5 \times 10^{-3}$  ph/m  $I_b = 237.4 \times 10^{-3}$  ph/m  $I_c = -4.454 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 455.5 \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 1.51271$ 