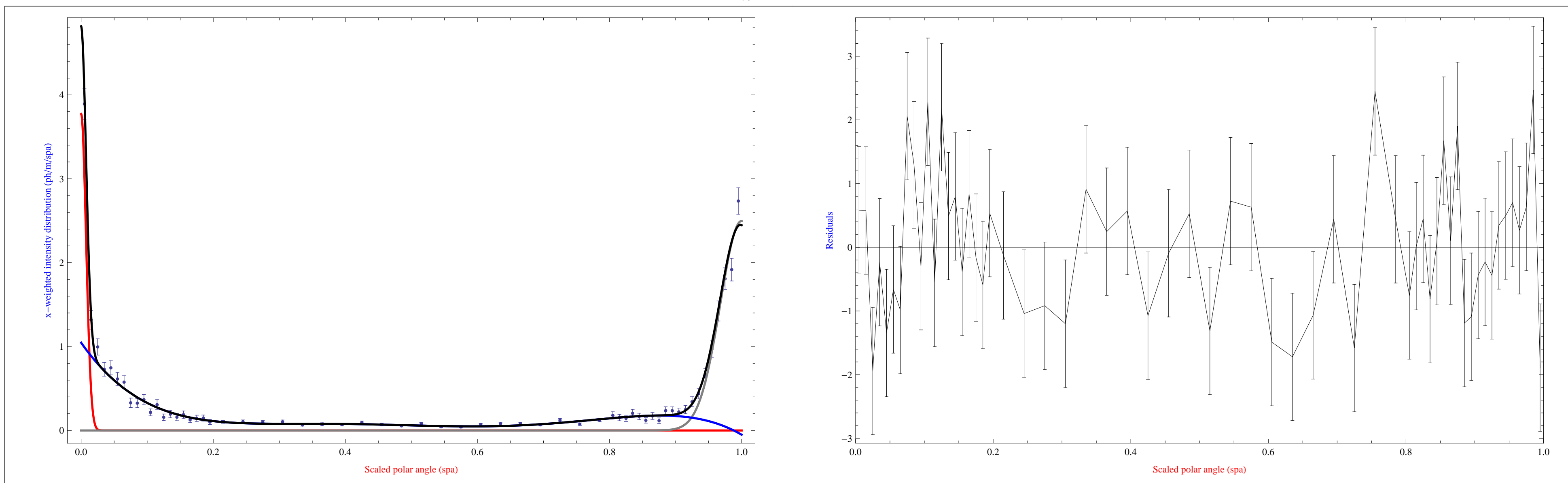
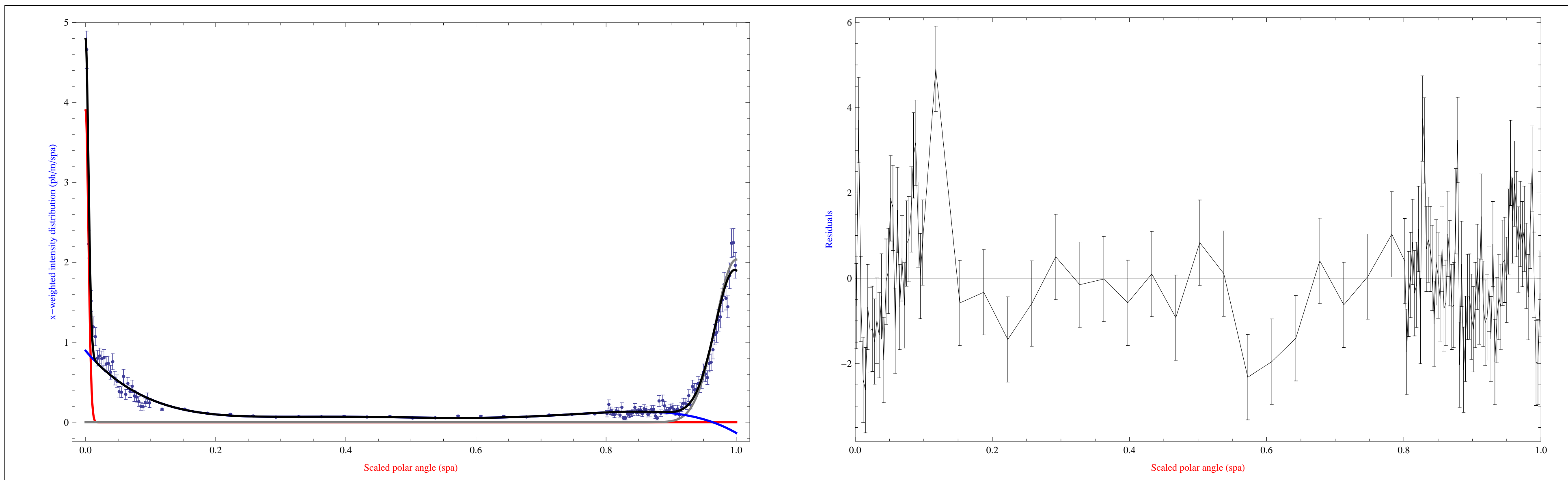


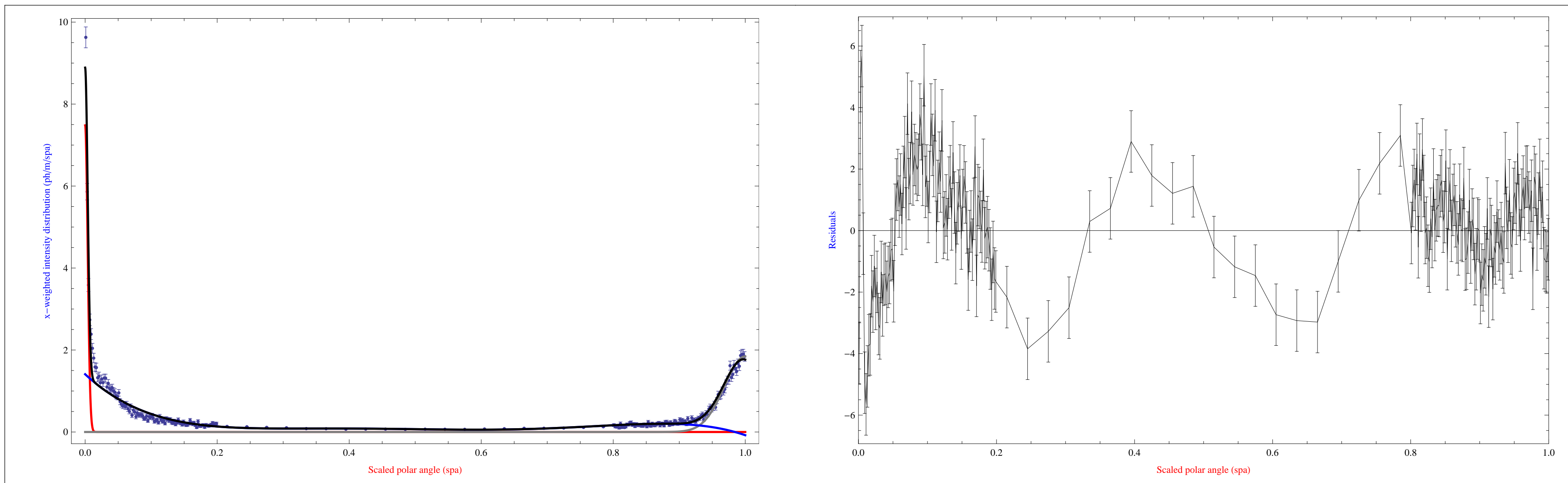
Type Number 1: QUADRUPOLE

Gaussian a (red):  $a_0 = 70.37 \times 10^{-3}$ ,  $\sigma_a = 7.443 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 201.2 \times 10^{-3}$ ,  $\sigma_b = 32.14 \times 10^{-3}$ Background (blue):  $c_1 = 1.046$ ,  $c_2 = -11.23$ ,  $c_3 = 50.15$   $c_4 = -106.6$ ,  $c_5 = 106.9$ ,  $c_6 = -40.24$  $I_a = 35.19 \times 10^{-3}$  ph/m  $I_b = 100.6 \times 10^{-3}$  ph/m  $I_c = 154.2 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 290. \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 1.20424$ 

Type Number 2: DRIFT

Gaussian a (red):  $a_0 = 42.72 \times 10^{-3}$ ,  $\sigma_a = 4.371 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 161.7 \times 10^{-3}$ ,  $\sigma_b = 31.72 \times 10^{-3}$ Background (blue):  $c_1 = 893.6 \times 10^{-3}$ ,  $c_2 = -9.452$ ,  $c_3 = 41.7$   $c_4 = -87.99$ ,  $c_5 = 88.2$ ,  $c_6 = -33.48$  $I_a = 21.36 \times 10^{-3}$  ph/m  $I_b = 80.84 \times 10^{-3}$  ph/m  $I_c = 128.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 231. \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 1.94155$ 

Type Number 3: SBEND

Gaussian a (red):  $a_0 = 71.23 \times 10^{-3}$ ,  $\sigma_a = 3.799 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 145.9 \times 10^{-3}$ ,  $\sigma_b = 31.55 \times 10^{-3}$ Background (blue):  $c_1 = 1.409$ ,  $c_2 = -15.$ ,  $c_3 = 65.34$   $c_4 = -135.9$ ,  $c_5 = 133.9$ ,  $c_6 = -49.85$  $I_a = 35.61 \times 10^{-3}$  ph/m  $I_b = 72.94 \times 10^{-3}$  ph/m  $I_c = 190.2 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 298.7 \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 3.30374$ 

Type Number 4: WIGGLER

Gaussian a (red):  $a_0 = 162.5 \times 10^{-3}$ ,  $\sigma_a = 15.5 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 223.4 \times 10^{-3}$ ,  $\sigma_b = 15.2 \times 10^{-3}$ Background (blue):  $c_1 = 34.71 \times 10^{-3}$ ,  $c_2 = 3.356$ ,  $c_3 = -24.39$   $c_4 = 65.52$ ,  $c_5 = -75.96$ ,  $c_6 = 31.98$  $I_a = 81.26 \times 10^{-3}$  ph/m  $I_b = 111.7 \times 10^{-3}$  ph/m  $I_c = 103.7 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 296.7 \times 10^{-3}$  ph/m $\chi^2/N_{\text{df}} = 2.91856$ 