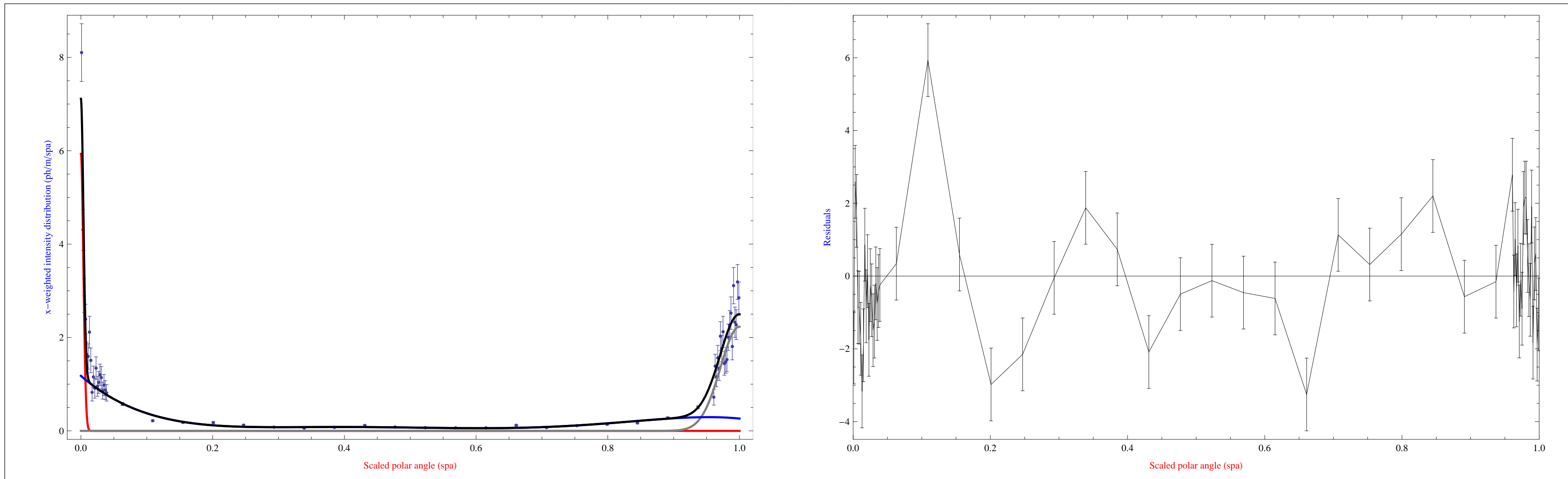


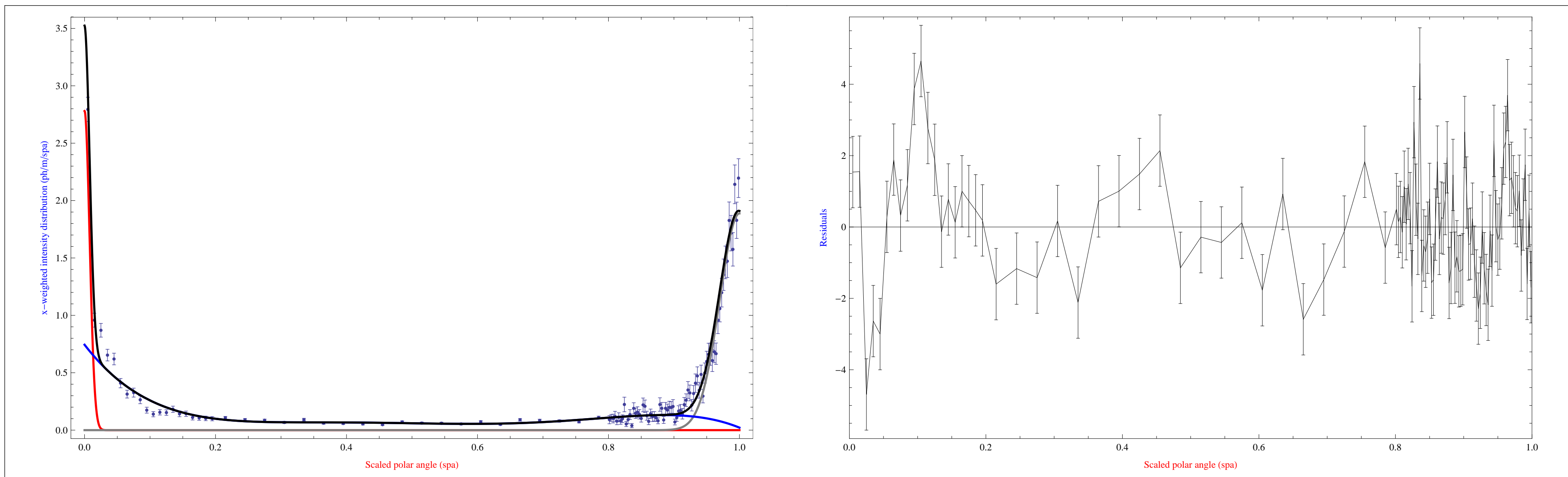
Type Number 1: QUADRUPOLE

Gaussian a (red):  $a_0 = 55.57 \times 10^{-3}$ ,  $\sigma_a = 3.736 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 162. \times 10^{-3}$ ,  $\sigma_b = 28.97 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.179$ ,  $c_2 = -12.32$ ,  $c_3 = 52.64$   $c_4 = -106.4$ ,  $c_5 = 101.$ ,  $c_6 = -35.84$   
 $I_a = 27.78 \times 10^{-3}$  ph/m  $I_b = 81. \times 10^{-3}$  ph/m  $I_c = 192.7 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 301.5 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 2.60704$



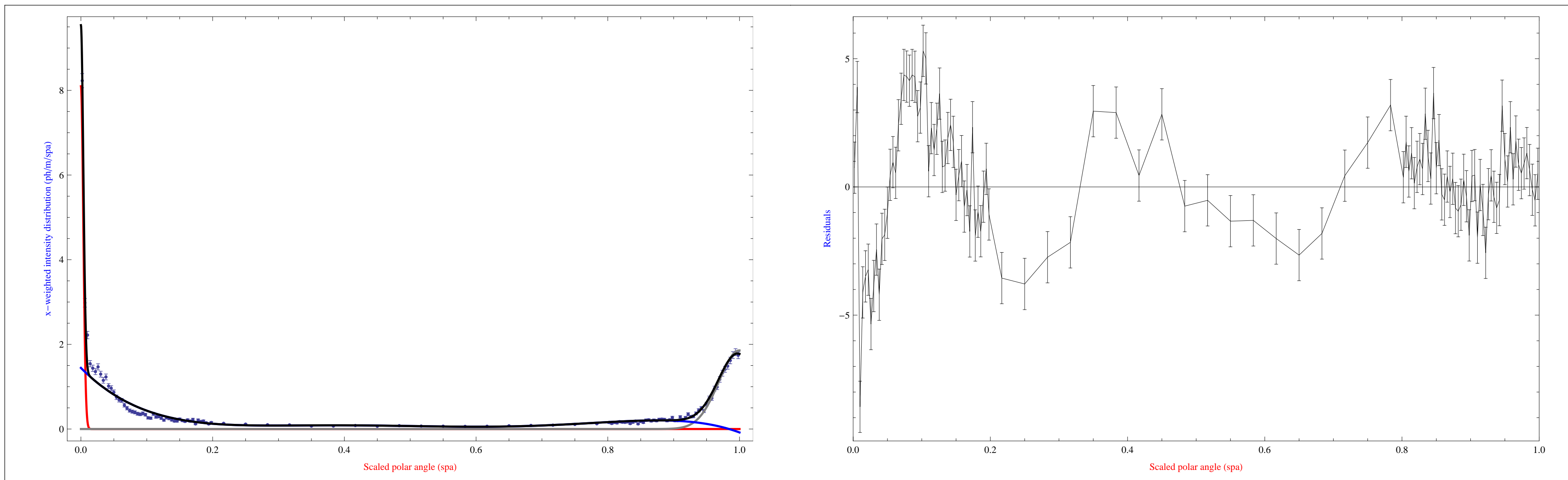
Type Number 2: DRIFT

Gaussian a (red):  $a_0 = 53.53 \times 10^{-3}$ ,  $\sigma_a = 7.682 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 141.4 \times 10^{-3}$ ,  $\sigma_b = 29.87 \times 10^{-3}$   
 Background (blue):  $c_1 = 744.2 \times 10^{-3}$ ,  $c_2 = -7.428$ ,  $c_3 = 31.62$   $c_4 = -64.66$ ,  $c_5 = 62.9$ ,  $c_6 = -23.15$   
 $I_a = 26.77 \times 10^{-3}$  ph/m  $I_b = 70.68 \times 10^{-3}$  ph/m  $I_c = 125.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 223.3 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 2.5219$



Type Number 3: SBEND

Gaussian a (red):  $a_0 = 73.14 \times 10^{-3}$ ,  $\sigma_a = 3.604 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 145.3 \times 10^{-3}$ ,  $\sigma_b = 31.22 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.444$ ,  $c_2 = -15.73$ ,  $c_3 = 69.38$   $c_4 = -145.1$ ,  $c_5 = 143.$ ,  $c_6 = -53.14$   
 $I_a = 36.57 \times 10^{-3}$  ph/m  $I_b = 72.65 \times 10^{-3}$  ph/m  $I_c = 189.6 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 298.8 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 5.26626$



Type Number 4: WIGGLER

Gaussian a (red):  $a_0 = 161. \times 10^{-3}$ ,  $\sigma_a = 4.666 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 143.7 \times 10^{-3}$ ,  $\sigma_b = 5.244 \times 10^{-3}$   
 Background (blue):  $c_1 = 645.1 \times 10^{-3}$ ,  $c_2 = -6.059$ ,  $c_3 = 19.6$   $c_4 = -23.52$ ,  $c_5 = 4.919$ ,  $c_6 = 5.404$   
 $I_a = 80.52 \times 10^{-3}$  ph/m  $I_b = 71.84 \times 10^{-3}$  ph/m  $I_c = 151.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 304.1 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 1.90439$

