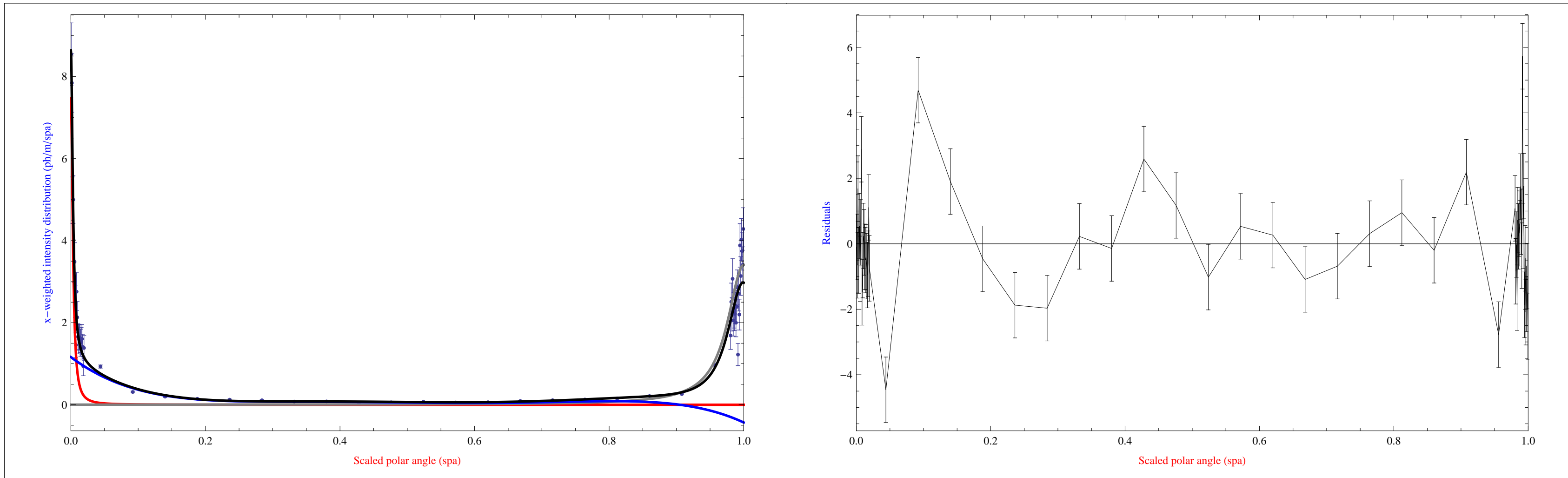


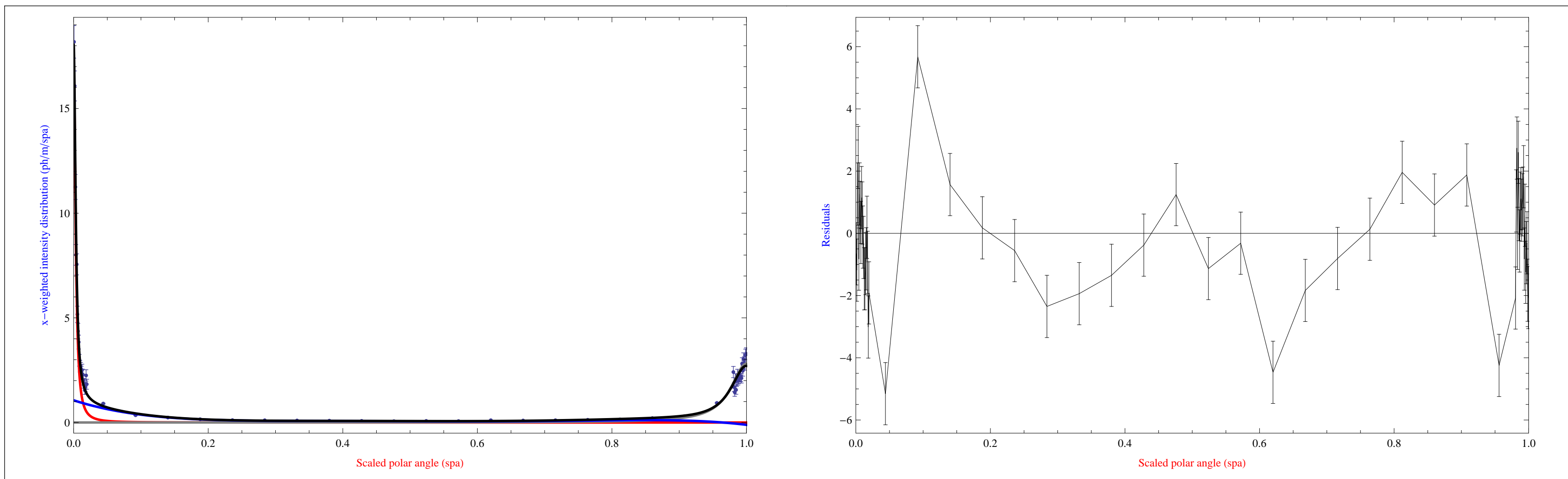
Type Number 1: QUADRUPOLE

Lorentzian a (red):  $a_0 = 84.12 \times 10^{-6}$ ,  $\sigma_a = 3.355 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 2.892 \times 10^{-3}$ ,  $\sigma_b = 29.13 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.162$ ,  $c_2 = -12.34$ ,  $c_3 = 54.27$   $c_4 = -114.8$ ,  $c_5 = 115.8$ ,  $c_6 = -44.5$   
 $I_a = 39.3 \times 10^{-3}$  ph/m  $I_b = 153. \times 10^{-3}$  ph/m  $I_c = 121.3 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 313.6 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 2.684$



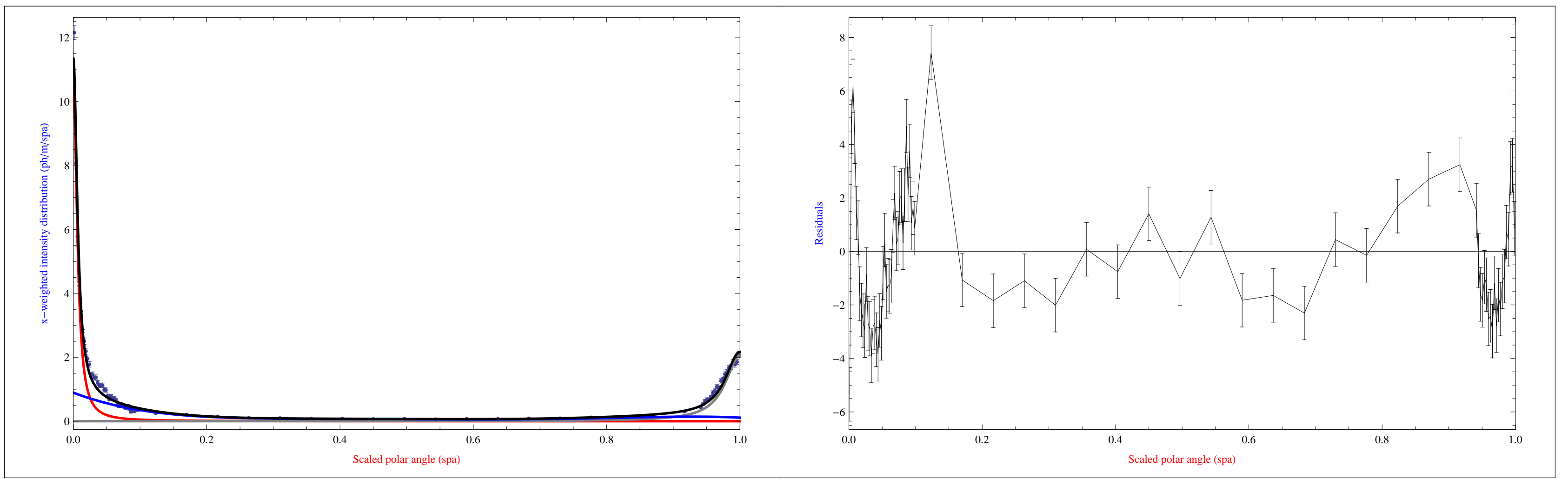
Type Number 2: DRIFT

Lorentzian a (red):  $a_0 = 193.8 \times 10^{-6}$ ,  $\sigma_a = 3.379 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 2.218 \times 10^{-3}$ ,  $\sigma_b = 28.09 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.062$ ,  $c_2 = -10.34$ ,  $c_3 = 42.6$   $c_4 = -85.55$ ,  $c_5 = 82.71$ ,  $c_6 = -30.59$   
 $I_a = 89.92 \times 10^{-3}$  ph/m  $I_b = 121.8 \times 10^{-3}$  ph/m  $I_c = 147.1 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 358.8 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 3.31379$



Type Number 3: SBEND

Lorentzian a (red):  $a_0 = 488.5 \times 10^{-6}$ ,  $\sigma_a = 6.836 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 1.41 \times 10^{-3}$ ,  $\sigma_b = 26.17 \times 10^{-3}$   
 Background (blue):  $c_1 = 893.4 \times 10^{-3}$ ,  $c_2 = -8.027$ ,  $c_3 = 31.13$   $c_4 = -59.15$ ,  $c_5 = 54.12$ ,  $c_6 = -18.86$   
 $I_a = 111.8 \times 10^{-3}$  ph/m  $I_b = 83.19 \times 10^{-3}$  ph/m  $I_c = 150.8 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 345.7 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 5.98105$



Type Number 4: WIGGLER

Lorentzian a (red):  $a_0 = 1.194 \times 10^{-3}$ ,  $\sigma_a = 5.805 \times 10^{-3}$  Lorentzian b (gray):  $b_0 = 2.279 \times 10^{-3}$ ,  $\sigma_b = 9.234 \times 10^{-3}$   
 Background (blue):  $c_1 = 786.9 \times 10^{-3}$ ,  $c_2 = -8.639$ ,  $c_3 = 37.26$   $c_4 = -74.95$ ,  $c_5 = 71.31$ ,  $c_6 = -26$ .  
 $I_a = 322. \times 10^{-3}$  ph/m  $I_b = 385.4 \times 10^{-3}$  ph/m  $I_c = 77.81 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 785.2 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 3.12956$

