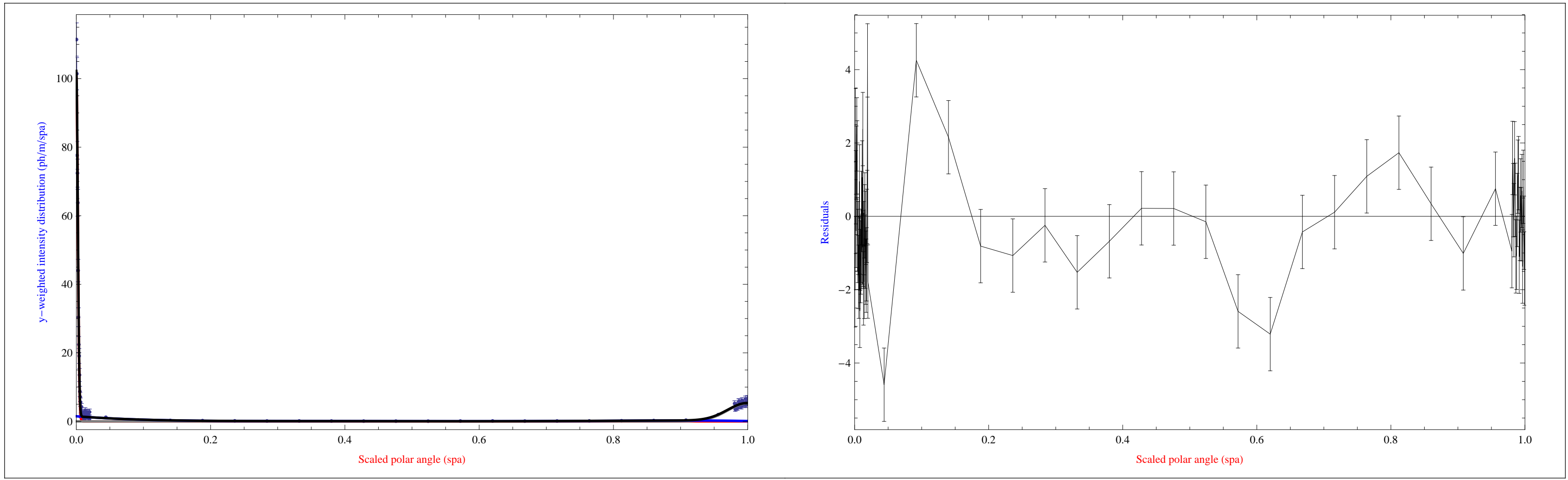


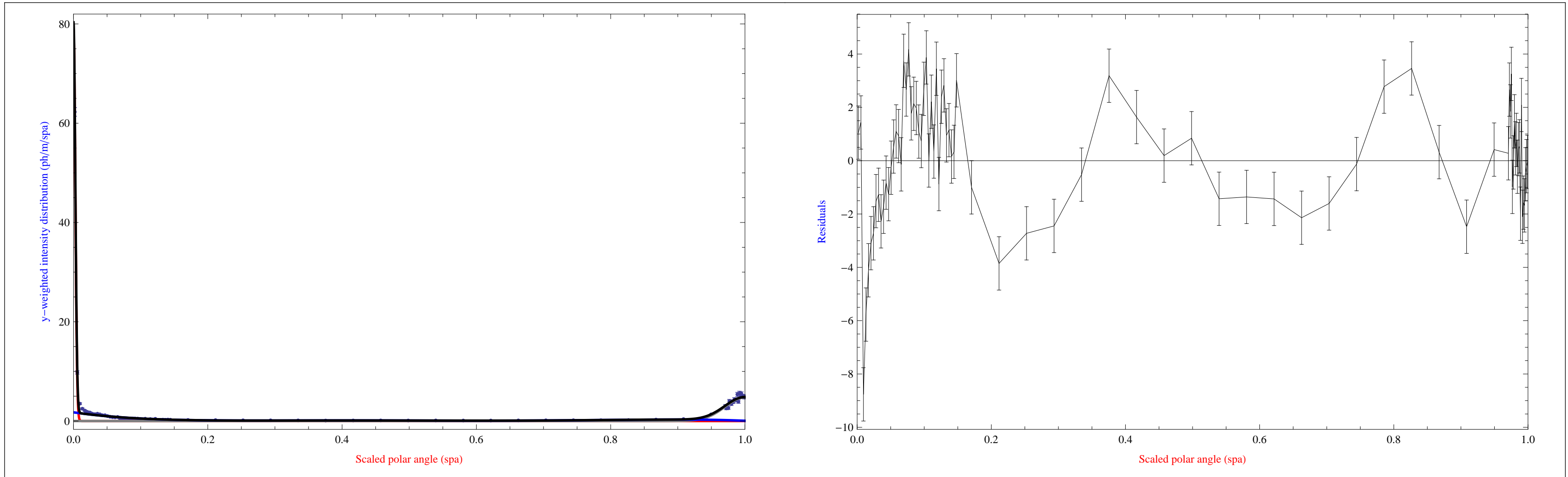
Type Number 1: QUADRUPOLE

Gaussian a (red):  $a_0 = 565.1 \times 10^{-3}$ ,  $\sigma_a = 2.238 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 394.6 \times 10^{-3}$ ,  $\sigma_b = 29.9 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.494$ ,  $c_2 = -15.17$ ,  $c_3 = 63.91$   $c_4 = -130.2$ ,  $c_5 = 126.4$ ,  $c_6 = -46.3$   
 $I_a = 282.5 \times 10^{-3}$  ph/m  $I_b = 197.3 \times 10^{-3}$  ph/m  $I_c = 216.3 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 696.1 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 2.21264$



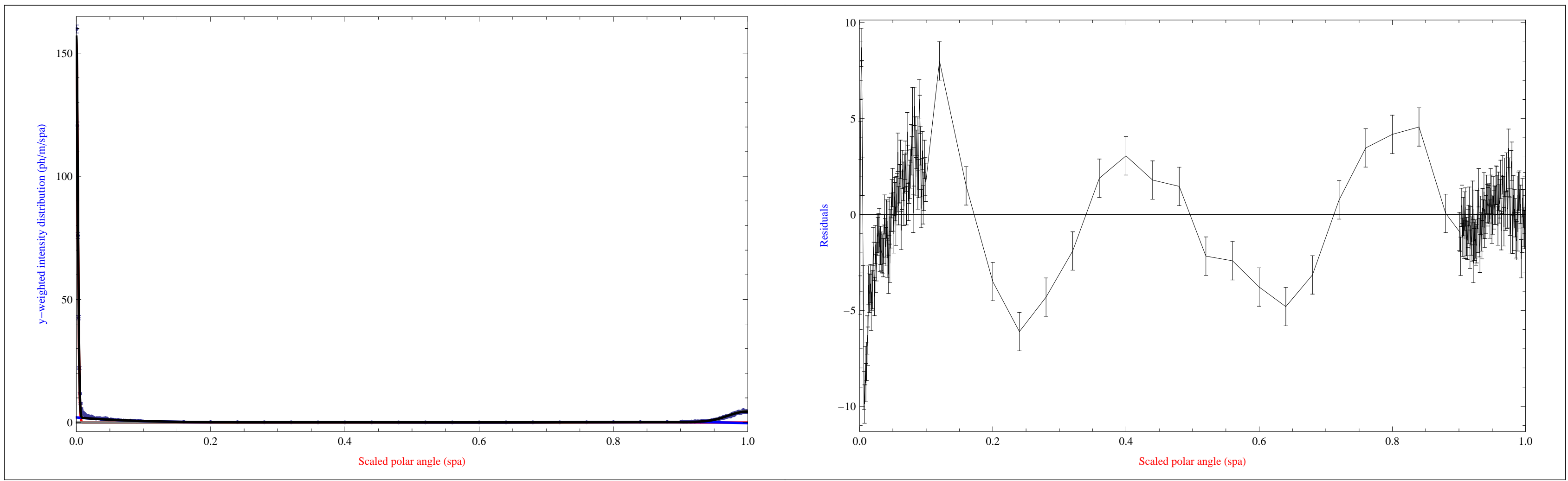
Type Number 2: DRIFT

Gaussian a (red):  $a_0 = 527.2 \times 10^{-3}$ ,  $\sigma_a = 2.677 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 352.7 \times 10^{-3}$ ,  $\sigma_b = 29.56 \times 10^{-3}$   
 Background (blue):  $c_1 = 1.753$ ,  $c_2 = -19.44$ ,  $c_3 = 86.28$   $c_4 = -179.6$ ,  $c_5 = 175.3$ ,  $c_6 = -64.21$   
 $I_a = 263.6 \times 10^{-3}$  ph/m  $I_b = 176.4 \times 10^{-3}$  ph/m  $I_c = 246. \times 10^{-3}$  ph/m  $I_{\text{tot}} = 686. \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 5.09167$



Type Number 3: SBEND

Gaussian a (red):  $a_0 = 876.5 \times 10^{-3}$ ,  $\sigma_a = 2.262 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 339.1 \times 10^{-3}$ ,  $\sigma_b = 28.81 \times 10^{-3}$   
 Background (blue):  $c_1 = 2.084$ ,  $c_2 = -22.97$ ,  $c_3 = 101.5$   $c_4 = -212.5$ ,  $c_5 = 210.1$ ,  $c_6 = -78.37$   
 $I_a = 438.3 \times 10^{-3}$  ph/m  $I_b = 169.6 \times 10^{-3}$  ph/m  $I_c = 243.7 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 851.6 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 7.34014$



Type Number 4: WIGGLER

Gaussian a (red):  $a_0 = 140.1 \times 10^{-3}$ ,  $\sigma_a = 2.6 \times 10^{-3}$  Gaussian b (gray):  $b_0 = 90.46 \times 10^{-3}$ ,  $\sigma_b = 15. \times 10^{-3}$   
 Background (blue):  $c_1 = 790.5 \times 10^{-3}$ ,  $c_2 = -5.407$ ,  $c_3 = 10.41$   $c_4 = 3.42$ ,  $c_5 = -26.32$ ,  $c_6 = 18.2$   
 $I_a = 70.04 \times 10^{-3}$  ph/m  $I_b = 45.23 \times 10^{-3}$  ph/m  $I_c = 181.3 \times 10^{-3}$  ph/m  $I_{\text{tot}} = 296.6 \times 10^{-3}$  ph/m  
 $\chi^2/N_{\text{df}} = 0.702328$

