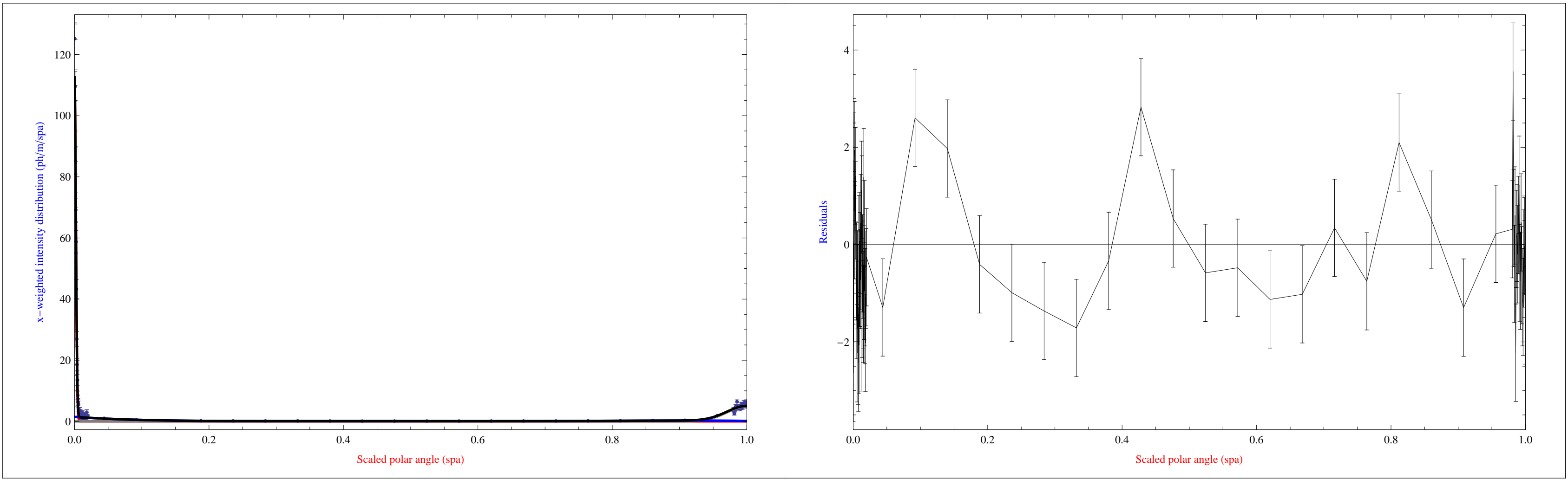


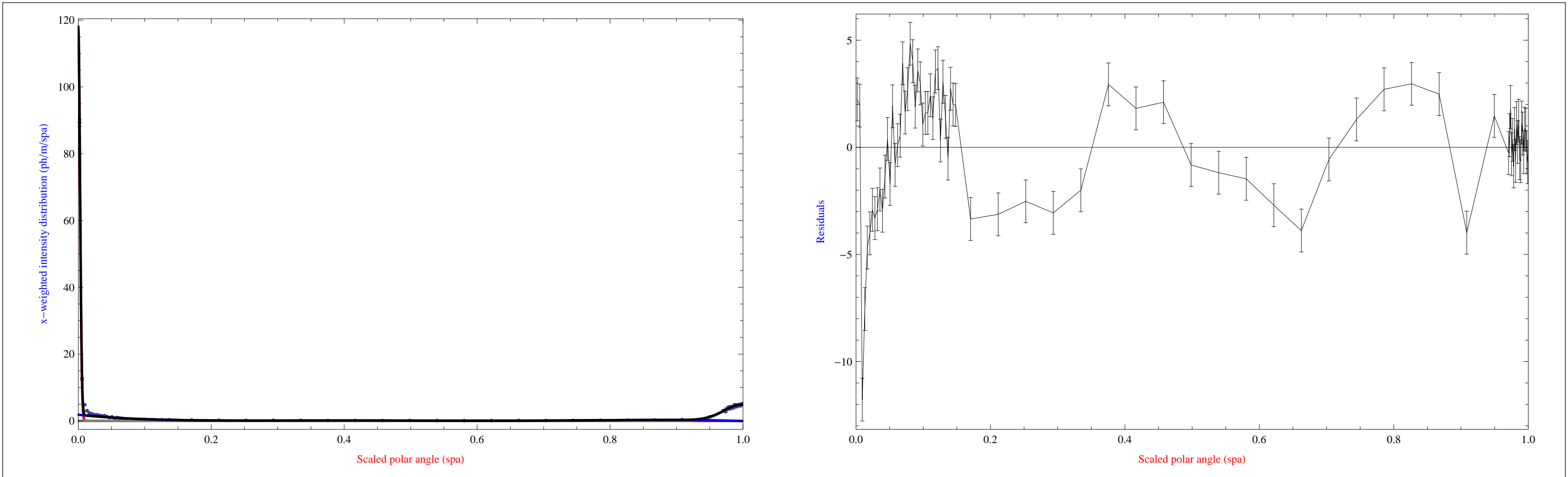
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0=552.3\times 10^{-3}$, $\sigma_a=1.984\times 10^{-3}$ Gaussian b (gray): $b_0=361.2\times 10^{-3}$, $\sigma_b=29.43\times 10^{-3}$
 Background (blue): $c_1=1.459$, $c_2=-15.02$, $c_3=63.38$ $c_4=-127.7$, $c_5=121.9$, $c_6=-43.91$
 $I_a=276.2\times 10^{-3}$ ph/m $I_b=180.6\times 10^{-3}$ ph/m $I_c=219.7\times 10^{-3}$ ph/m $I_{\text{tot}}=676.4\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=1.61487$



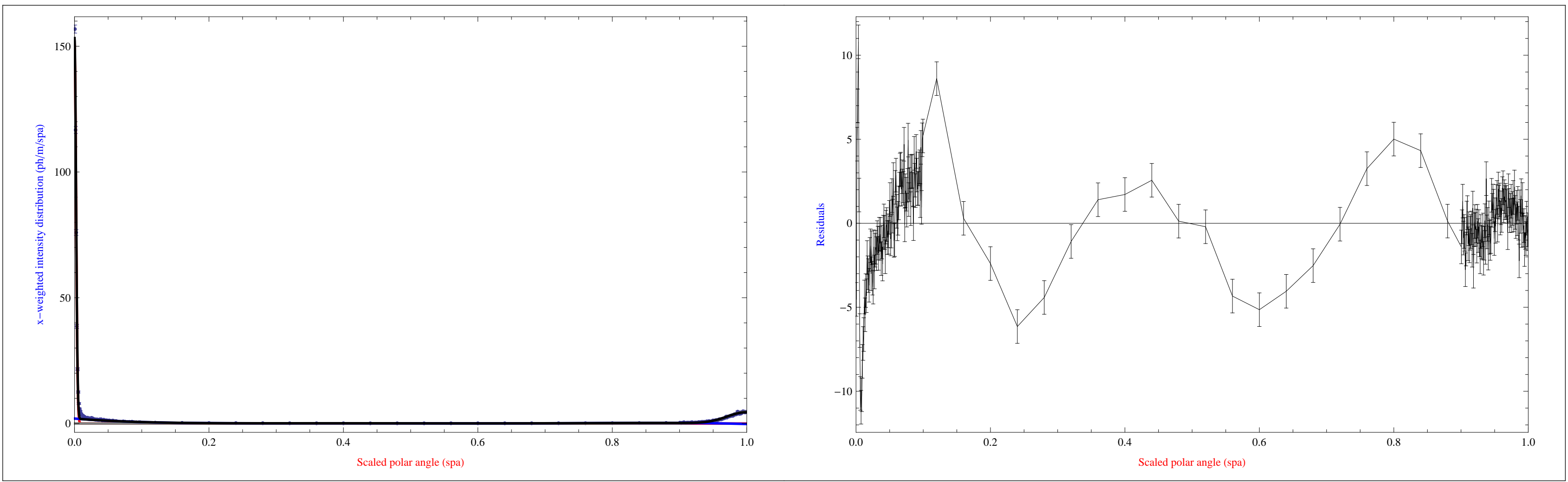
Type Number 2: DRIFT

Gaussian a (red): $a_0=763.3\times 10^{-3}$, $\sigma_a=2.623\times 10^{-3}$ Gaussian b (gray): $b_0=351.6\times 10^{-3}$, $\sigma_b=28.37\times 10^{-3}$
 Background (blue): $c_1=1.862$, $c_2=-21.18$, $c_3=96.27$ $c_4=-204.5$, $c_5=202.8$, $c_6=-75.34$
 $I_a=381.7\times 10^{-3}$ ph/m $I_b=175.8\times 10^{-3}$ ph/m $I_c=246.9\times 10^{-3}$ ph/m $I_{\text{tot}}=804.3\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=7.36877$



Type Number 3: SBEND

Gaussian a (red): $a_0=855.8\times 10^{-3}$, $\sigma_a=2.257\times 10^{-3}$ Gaussian b (gray): $b_0=334.6\times 10^{-3}$, $\sigma_b=28.61\times 10^{-3}$
 Background (blue): $c_1=1.97$, $c_2=-21.39$, $c_3=93.49$ $c_4=-194.4$, $c_5=191.3$, $c_6=-71.14$
 $I_a=427.9\times 10^{-3}$ ph/m $I_b=167.3\times 10^{-3}$ ph/m $I_c=236.6\times 10^{-3}$ ph/m $I_{\text{tot}}=831.8\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=7.66897$



Type Number 4: WIGGLER

Gaussian a (red): $a_0=4.771\times 10^{-3}$, $\sigma_a=15.\times 10^{-3}$ Gaussian b (gray): $b_0=13.58\times 10^{-12}$, $\sigma_b=4.199\times 10^{-3}$
 Background (blue): $c_1=20.32\times 10^{-3}$, $c_2=996.\times 10^{-3}$, $c_3=-6.017$ $c_4=9.768$, $c_5=-5.153$, $c_6=519.\times 10^{-3}$
 $I_a=2.386\times 10^{-3}$ ph/m $I_b=6.79\times 10^{-12}$ ph/m $I_c=10.45\times 10^{-3}$ ph/m $I_{\text{tot}}=12.84\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=0.0105567$

