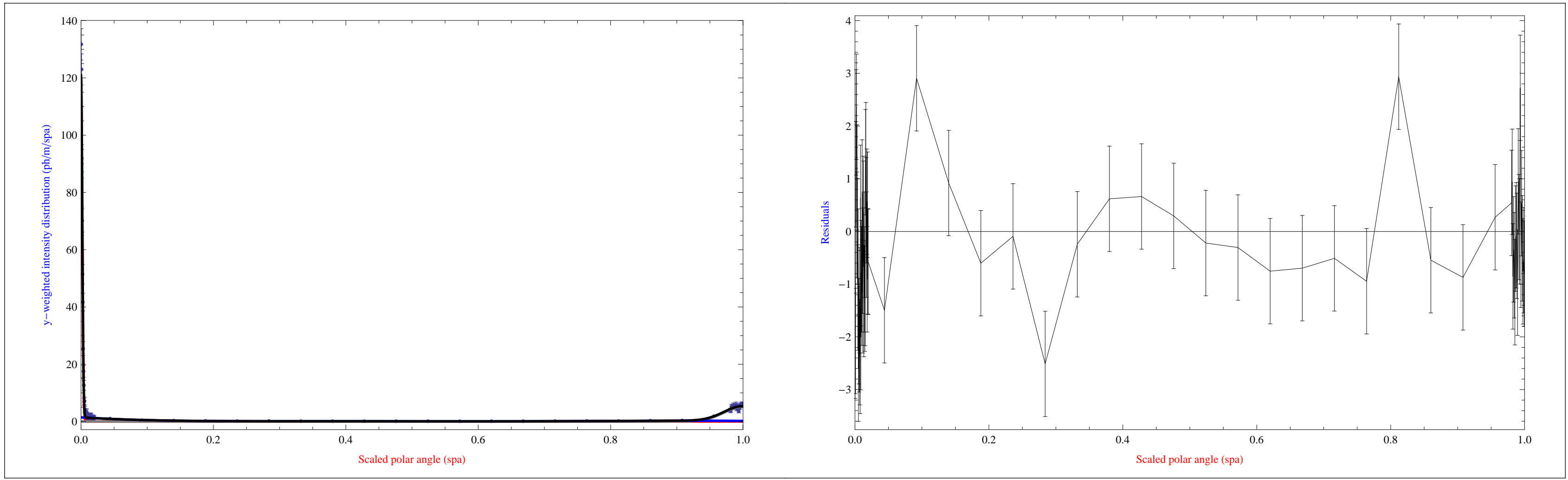


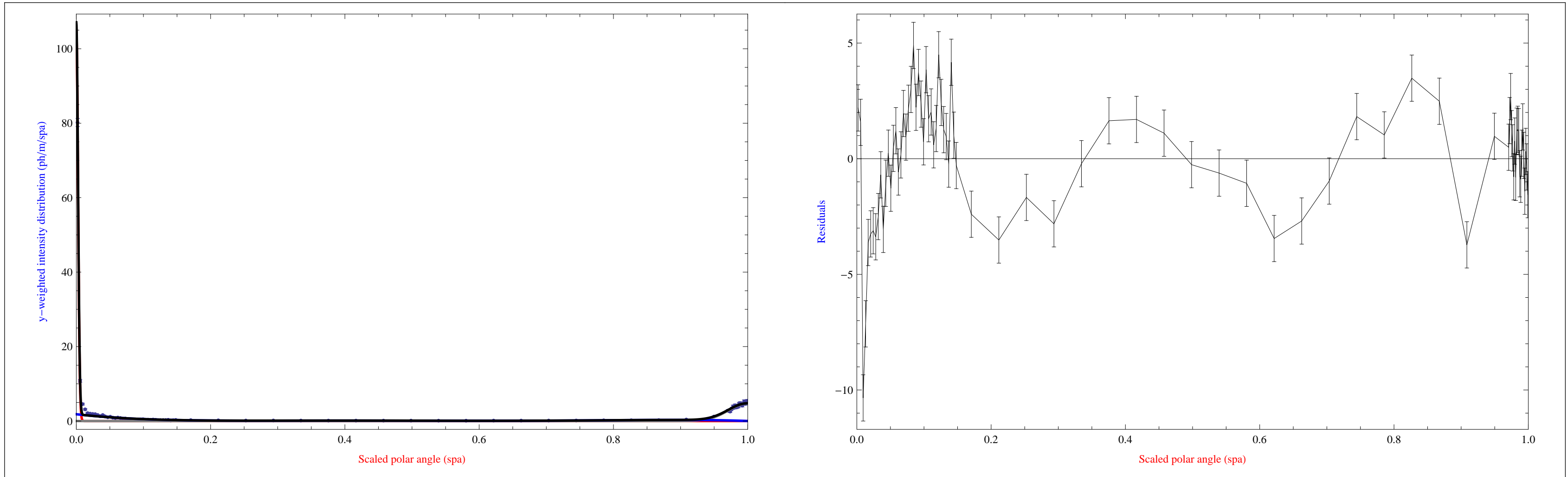
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0=560.8\times 10^{-3}$, $\sigma_a=1.873\times 10^{-3}$ Gaussian b (gray): $b_0=369.8\times 10^{-3}$, $\sigma_b=28.56\times 10^{-3}$
 Background (blue): $c_1=1.451$, $c_2=-14.81$, $c_3=62.32$ $c_4=-125.2$, $c_5=119.$, $c_6=-42.59$
 $I_a=280.4\times 10^{-3}$ ph/m $I_b=184.9\times 10^{-3}$ ph/m $I_c=227.1\times 10^{-3}$ ph/m $I_{\text{tot}}=692.4\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=1.48766$



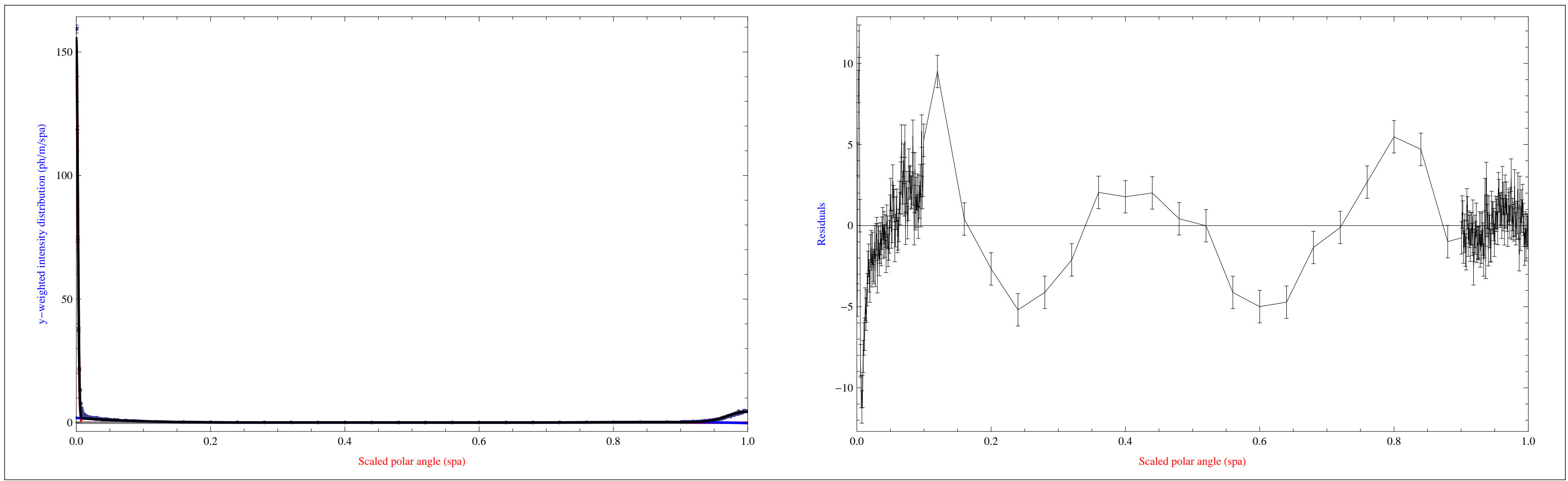
Type Number 2: DRIFT

Gaussian a (red): $a_0=679.7\times 10^{-3}$, $\sigma_a=2.576\times 10^{-3}$ Gaussian b (gray): $b_0=340.2\times 10^{-3}$, $\sigma_b=28.59\times 10^{-3}$
 Background (blue): $c_1=1.829$, $c_2=-20.49$, $c_3=91.87$ $c_4=-192.9$, $c_5=189.5$, $c_6=-69.79$
 $I_a=339.9\times 10^{-3}$ ph/m $I_b=170.1\times 10^{-3}$ ph/m $I_c=248.2\times 10^{-3}$ ph/m $I_{\text{tot}}=758.1\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=6.12383$



Type Number 3: SBEND

Gaussian a (red): $a_0=858.8\times 10^{-3}$, $\sigma_a=2.231\times 10^{-3}$ Gaussian b (gray): $b_0=335.8\times 10^{-3}$, $\sigma_b=28.59\times 10^{-3}$
 Background (blue): $c_1=1.951$, $c_2=-21.19$, $c_3=92.65$ $c_4=-192.7$, $c_5=189.5$, $c_6=-70.43$
 $I_a=429.4\times 10^{-3}$ ph/m $I_b=167.9\times 10^{-3}$ ph/m $I_c=233.5\times 10^{-3}$ ph/m $I_{\text{tot}}=830.8\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=7.89258$



Type Number 4: WIGGLER

Gaussian a (red): $a_0=5.081\times 10^{-3}$, $\sigma_a=14.12\times 10^{-3}$ Gaussian b (gray): $b_0=586.3\times 10^{-15}$, $\sigma_b=5.67\times 10^{-3}$
 Background (blue): $c_1=10.97\times 10^{-3}$, $c_2=1.$, $c_3=-5.584$ $c_4=8.233$, $c_5=-3.321$, $c_6=-197.\times 10^{-3}$
 $I_a=2.541\times 10^{-3}$ ph/m $I_b=293.2\times 10^{-15}$ ph/m $I_c=10.88\times 10^{-3}$ ph/m $I_{\text{tot}}=13.42\times 10^{-3}$ ph/m
 $\chi^2/N_{\text{df}}=0.0116887$

