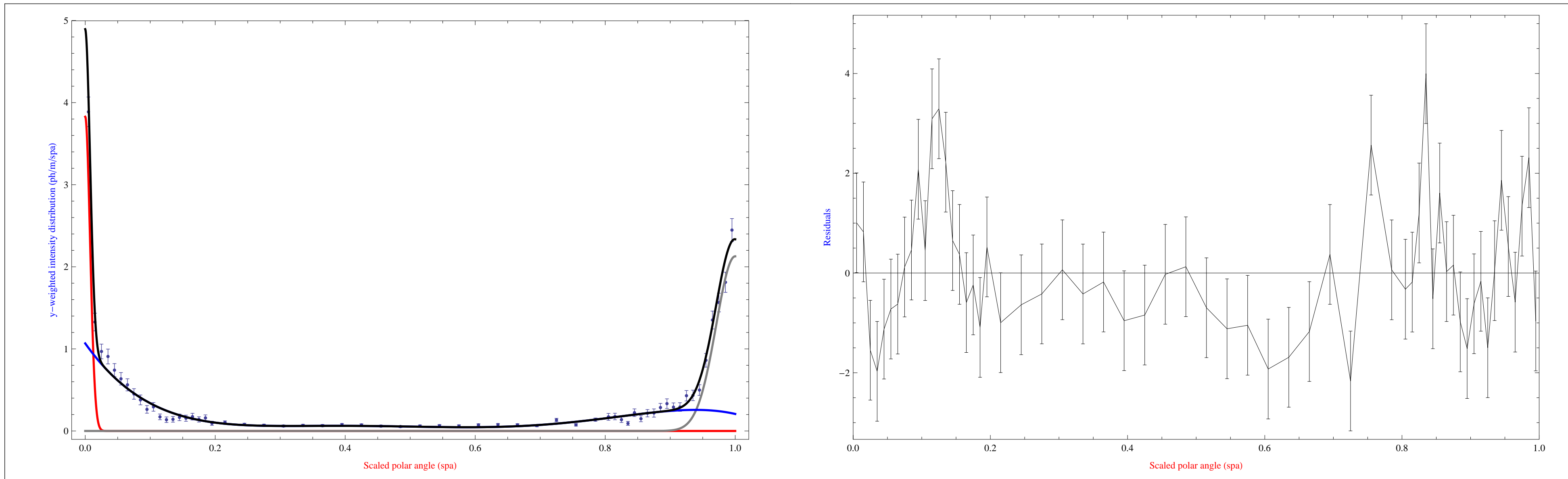
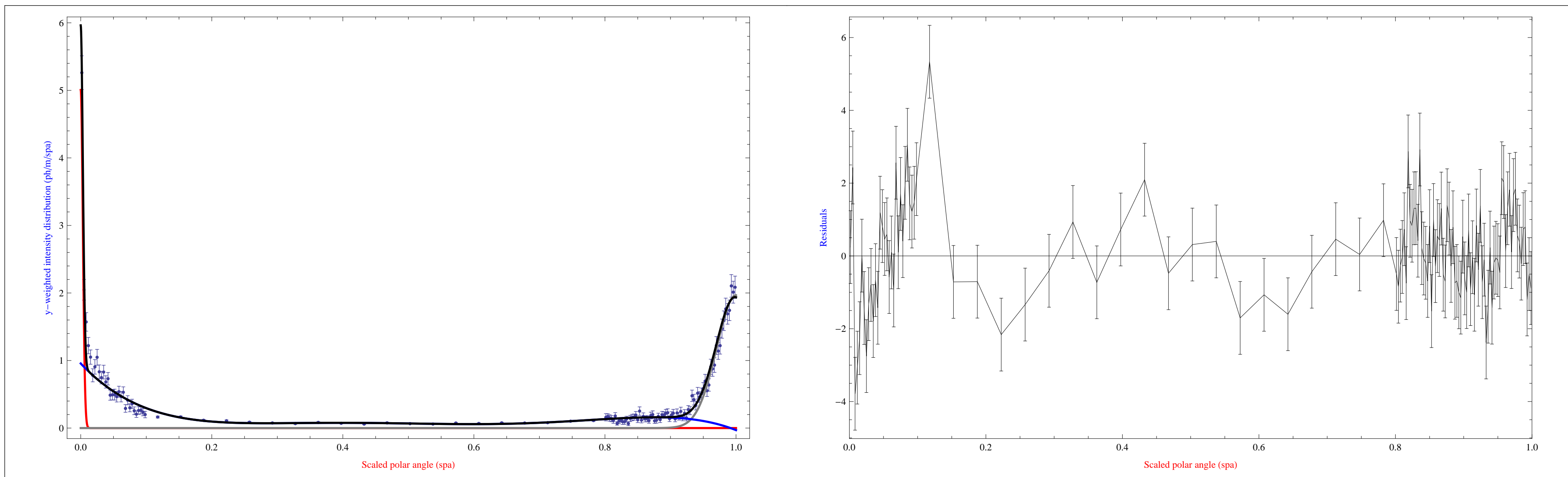


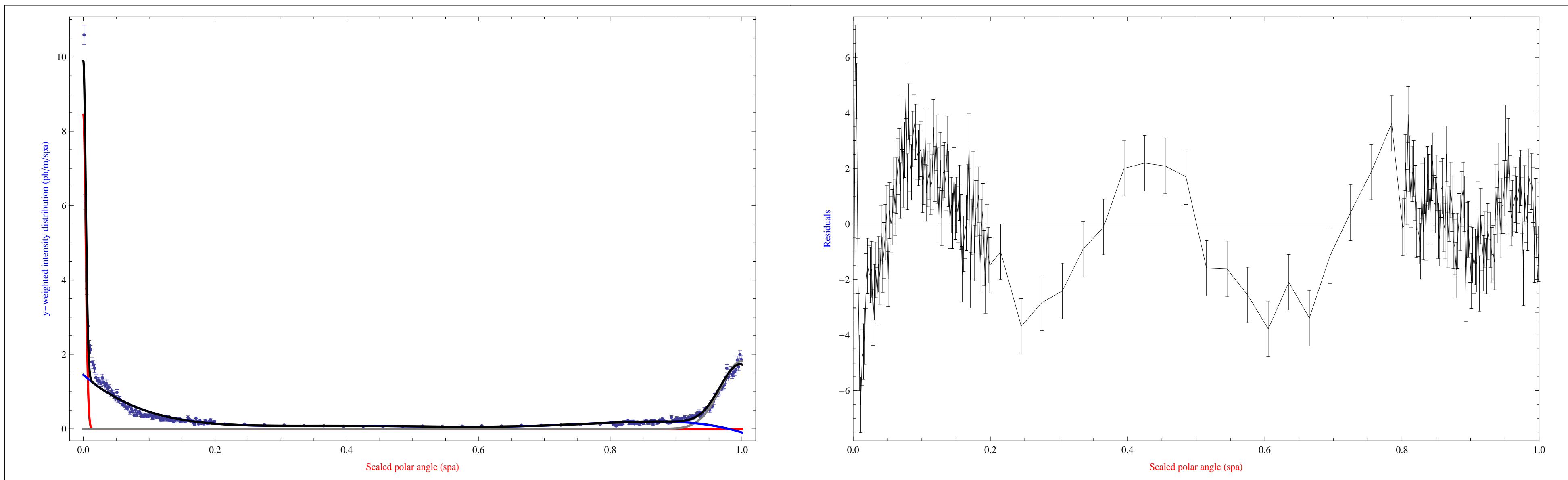
Type Number 1: QUADRUPOLE

Gaussian a (red): $a_0=71.54\times 10^{-3}$, $\sigma_a=7.456\times 10^{-3}$ Gaussian b (gray): $b_0=155.9\times 10^{-3}$, $\sigma_b=29.23\times 10^{-3}$ Background (blue): $c_1=1.067$, $c_2=-11.19$, $c_3=47.76$ $c_4=-97.03$, $c_5=93.04$, $c_6=-33.44$ $I_a=35.77\times 10^{-3}$ ph/m $I_b=77.95\times 10^{-3}$ ph/m $I_c=169.4\times 10^{-3}$ ph/m $I_{\text{tot}}=283.1\times 10^{-3}$ ph/m $\chi^2/N_{\text{df}}=1.77985$ 

Type Number 2: DRIFT

Gaussian a (red): $a_0=40.54\times 10^{-3}$, $\sigma_a=3.231\times 10^{-3}$ Gaussian b (gray): $b_0=145.6\times 10^{-3}$, $\sigma_b=29.53\times 10^{-3}$ Background (blue): $c_1=956.5\times 10^{-3}$, $c_2=-10.33$, $c_3=45.88$ $c_4=-96.23$, $c_5=95.06$, $c_6=-35.36$ $I_a=20.27\times 10^{-3}$ ph/m $I_b=72.8\times 10^{-3}$ ph/m $I_c=144.3\times 10^{-3}$ ph/m $I_{\text{tot}}=237.4\times 10^{-3}$ ph/m $\chi^2/N_{\text{df}}=1.83704$ 

Type Number 3: SBEND

Gaussian a (red): $a_0=75.19\times 10^{-3}$, $\sigma_a=3.555\times 10^{-3}$ Gaussian b (gray): $b_0=147.4\times 10^{-3}$, $\sigma_b=32.21\times 10^{-3}$ Background (blue): $c_1=1.448$, $c_2=-15.25$, $c_3=65.79$ $c_4=-135.9$, $c_5=133.5$, $c_6=-49.64$ $I_a=37.6\times 10^{-3}$ ph/m $I_b=73.7\times 10^{-3}$ ph/m $I_c=191.7\times 10^{-3}$ ph/m $I_{\text{tot}}=303.\times 10^{-3}$ ph/m $\chi^2/N_{\text{df}}=3.67291$ 

Type Number 4: WIGGLER

Gaussian a (red): $a_0=160.4\times 10^{-3}$, $\sigma_a=22.07\times 10^{-3}$ Gaussian b (gray): $b_0=150.9\times 10^{-3}$, $\sigma_b=5.477\times 10^{-3}$ Background (blue): $c_1=-54.38\times 10^{-3}$, $c_2=3.815$, $c_3=-28.35$ $c_4=80.92$, $c_5=-99.22$, $c_6=43.8$ $I_a=80.18\times 10^{-3}$ ph/m $I_b=75.45\times 10^{-3}$ ph/m $I_c=89.48\times 10^{-3}$ ph/m $I_{\text{tot}}=245.1\times 10^{-3}$ ph/m $\chi^2/N_{\text{df}}=2.70023$ 