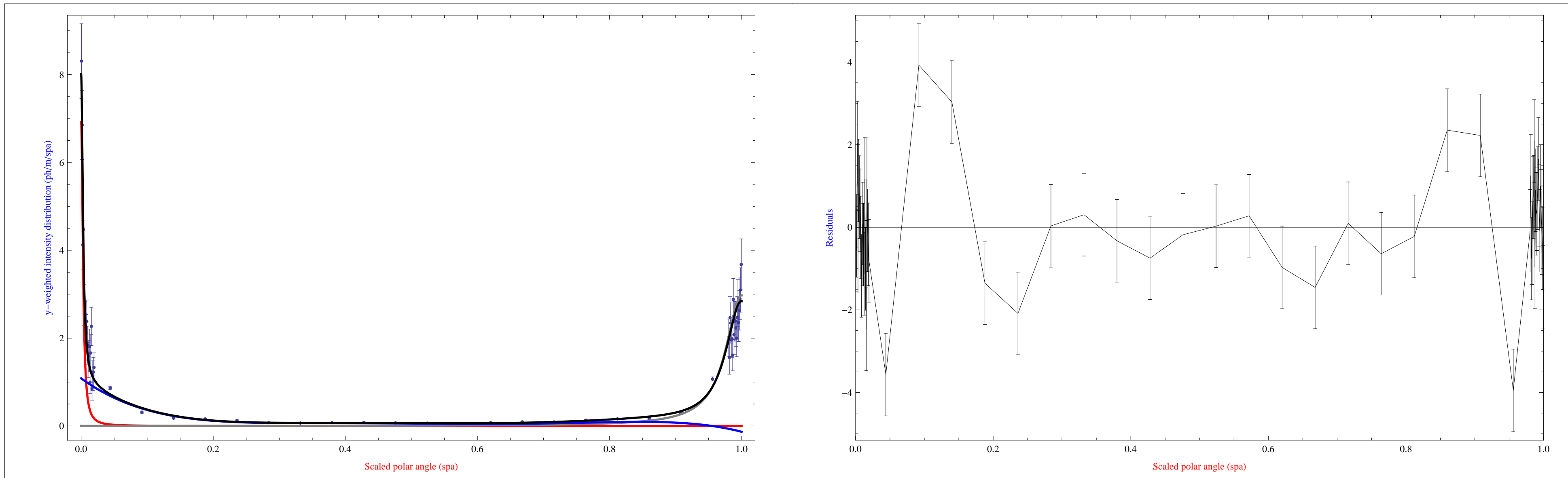
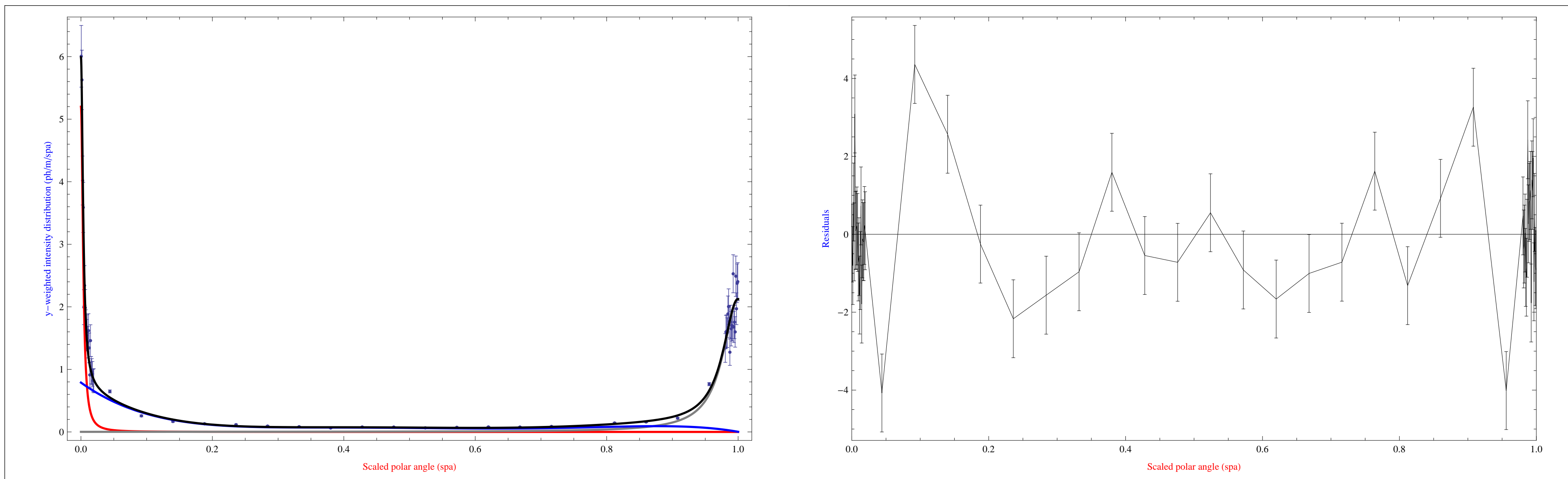


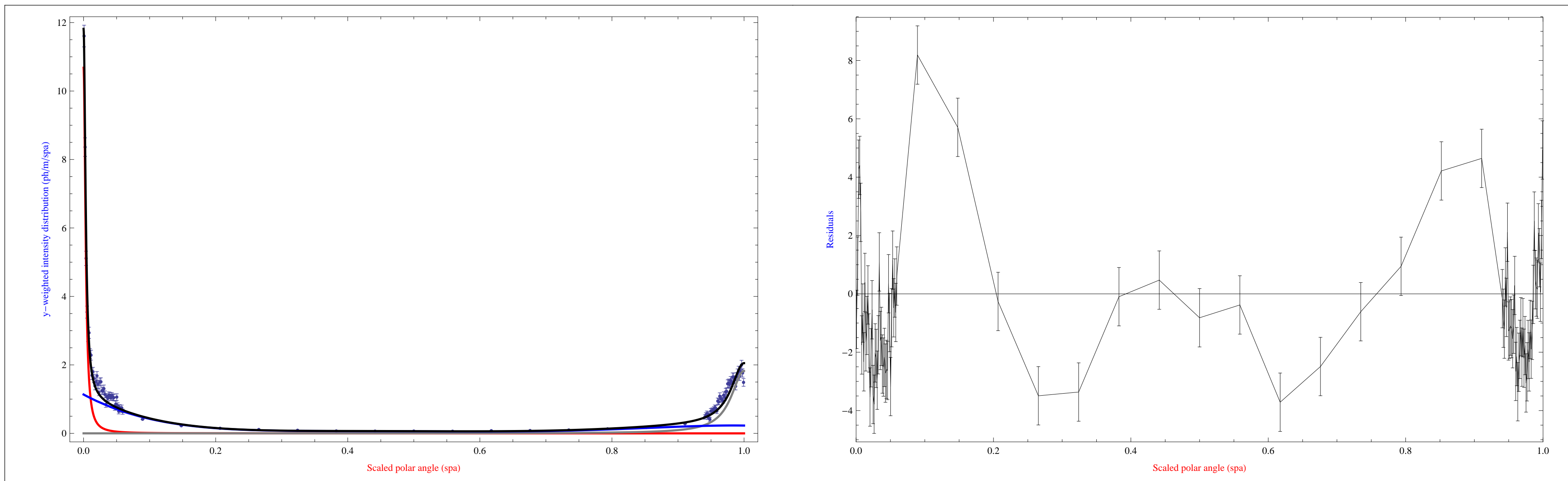
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 67.08 \times 10^{-6}$, $\sigma_a = 3.113 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.483 \times 10^{-3}$, $\sigma_b = 28.9 \times 10^{-3}$ Background (blue): $c_1 = 1.084$, $c_2 = -10.91$, $c_3 = 45.33$ $c_4 = -90.83$, $c_5 = 87.12$, $c_6 = -31.93$ $I_a = 33.78 \times 10^{-3}$ ph/m $I_b = 132.5 \times 10^{-3}$ ph/m $I_c = 135.3 \times 10^{-3}$ ph/m $I_{\text{tot}} = 301.6 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 1.86374$ 

Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 71.26 \times 10^{-6}$, $\sigma_a = 3.702 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.621 \times 10^{-3}$, $\sigma_b = 27.64 \times 10^{-3}$ Background (blue): $c_1 = 789.2 \times 10^{-3}$, $c_2 = -7.518$, $c_3 = 30.59$ $c_4 = -60.01$, $c_5 = 56.24$, $c_6 = -20.08$ $I_a = 30.17 \times 10^{-3}$ ph/m $I_b = 90.52 \times 10^{-3}$ ph/m $I_c = 124.2 \times 10^{-3}$ ph/m $I_{\text{tot}} = 244.9 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 2.24424$ 

Type Number 3: SBEND

Lorentzian a (red): $a_0 = 127.9 \times 10^{-6}$, $\sigma_a = 3.46 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.005 \times 10^{-3}$, $\sigma_b = 23.49 \times 10^{-3}$ Background (blue): $c_1 = 1.135$, $c_2 = -10.41$, $c_3 = 39.82$ $c_4 = -73.99$, $c_5 = 65.93$, $c_6 = -22.25$ $I_a = 57.92 \times 10^{-3}$ ph/m $I_b = 66.24 \times 10^{-3}$ ph/m $I_c = 180.9 \times 10^{-3}$ ph/m $I_{\text{tot}} = 305.1 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 5.34645$ 

Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 230.5 \times 10^{-6}$, $\sigma_a = 4.164 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 282.1 \times 10^{-6}$, $\sigma_b = 5.039 \times 10^{-3}$ Background (blue): $c_1 = 456.8 \times 10^{-3}$, $c_2 = -4.769$, $c_3 = 17.12$ $c_4 = -23.98$, $c_5 = 10.75$, $c_6 = 851.5 \times 10^{-3}$ $I_a = 86.72 \times 10^{-3}$ ph/m $I_b = 87.64 \times 10^{-3}$ ph/m $I_c = 75.92 \times 10^{-3}$ ph/m $I_{\text{tot}} = 250.3 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 1.25952$ 