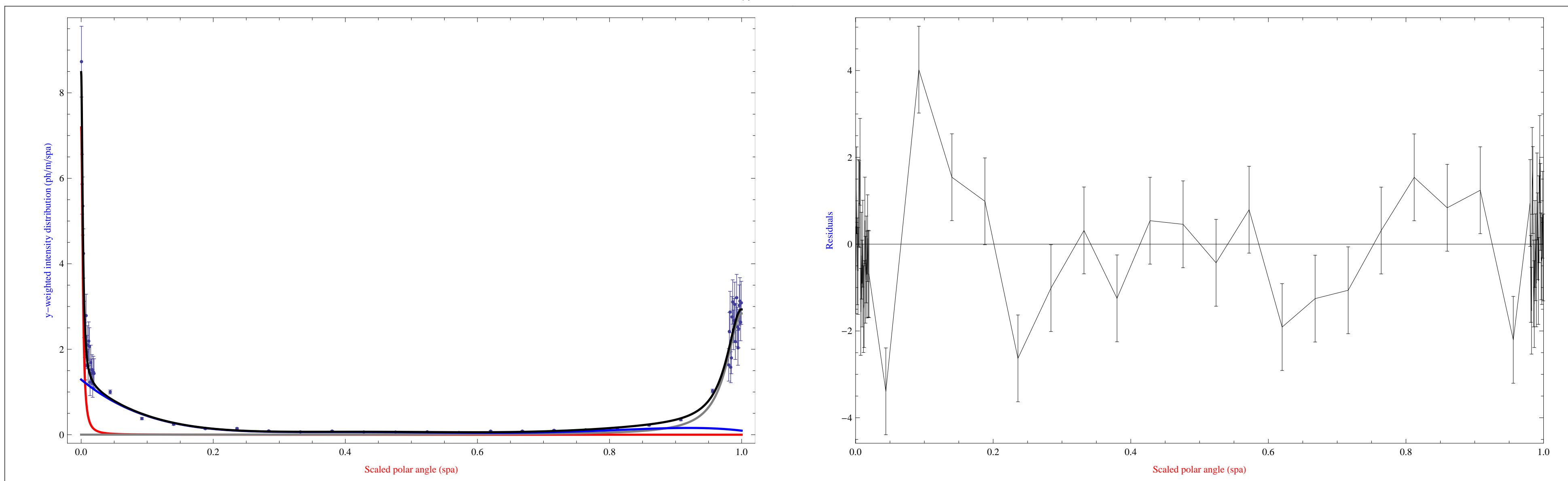
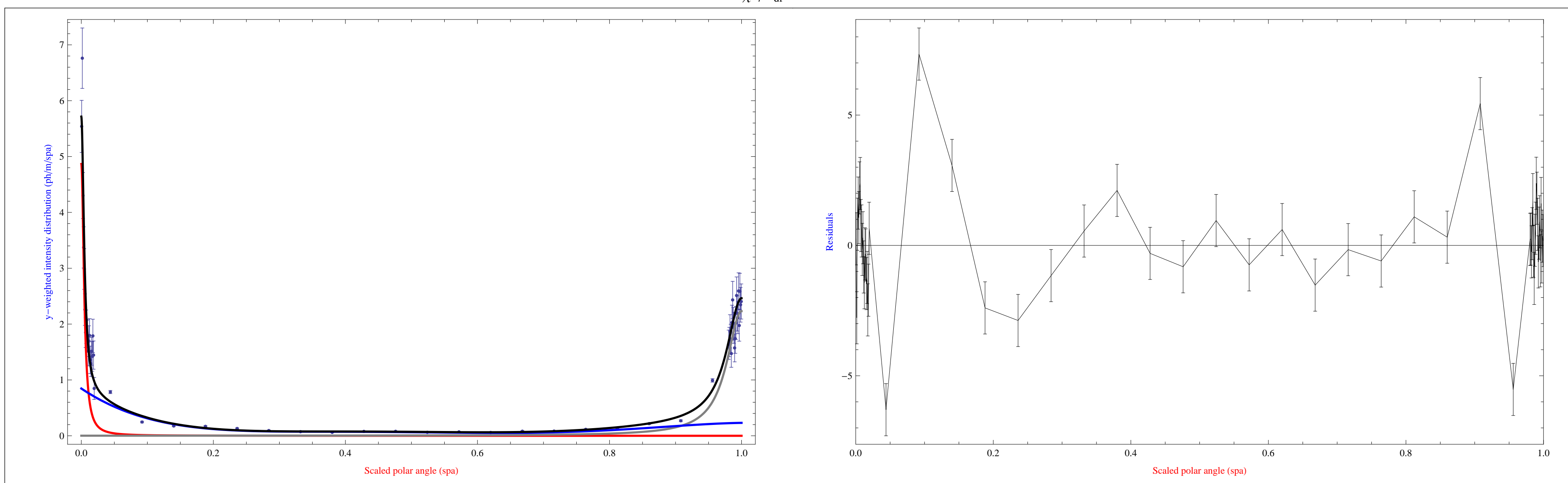


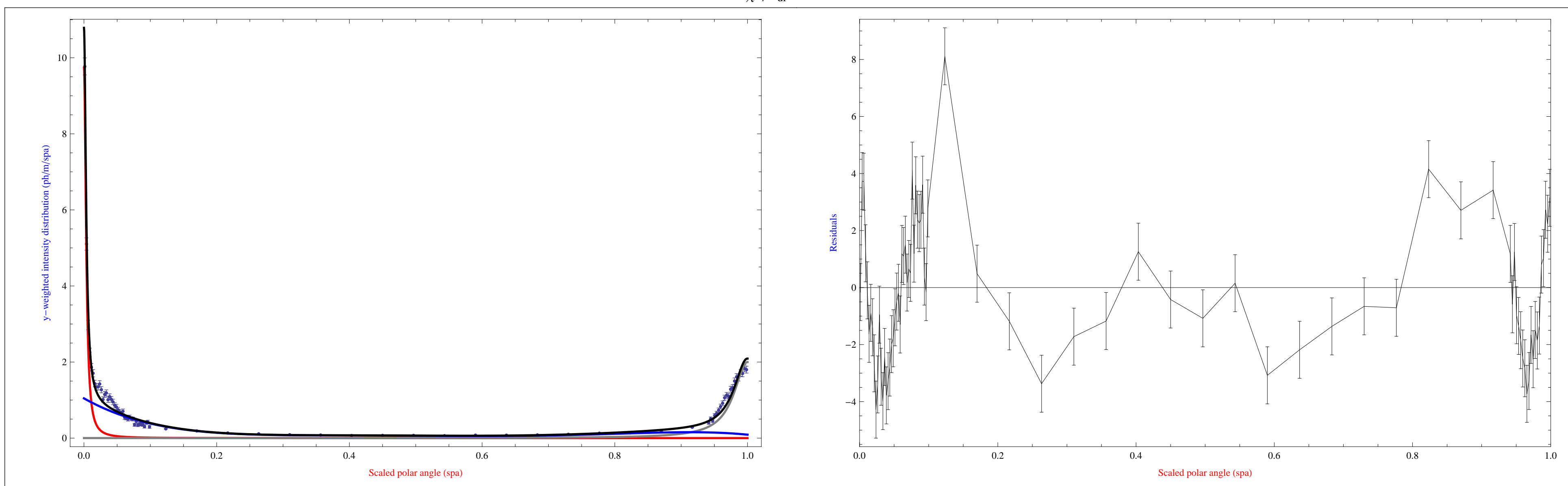
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 50.97 \times 10^{-6}$, $\sigma_a = 2.662 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.083 \times 10^{-3}$, $\sigma_b = 27.1 \times 10^{-3}$ Background (blue): $c_1 = 1.29$, $c_2 = -12.71$, $c_3 = 51$, $c_4 = -98.34$, $c_5 = 90.43$, $c_6 = -31.57$ $I_a = 30.02 \times 10^{-3}$ ph/m $I_b = 118.7 \times 10^{-3}$ ph/m $I_c = 172.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 321.2 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 1.58844$ 

Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 109.4 \times 10^{-6}$, $\sigma_a = 4.742 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.623 \times 10^{-3}$, $\sigma_b = 26.97 \times 10^{-3}$ Background (blue): $c_1 = 846.5 \times 10^{-3}$, $c_2 = -7.961$, $c_3 = 31.7$, $c_4 = -60.41$, $c_5 = 54.28$, $c_6 = -18.24$ $I_a = 36.14 \times 10^{-3}$ ph/m $I_b = 92.91 \times 10^{-3}$ ph/m $I_c = 150. \times 10^{-3}$ ph/m $I_{\text{tot}} = 279.1 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 4.16009$ 

Type Number 3: SBEND

Lorentzian a (red): $a_0 = 127.6 \times 10^{-6}$, $\sigma_a = 3.62 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 1.215 \times 10^{-3}$, $\sigma_b = 24.65 \times 10^{-3}$ Background (blue): $c_1 = 1.046$, $c_2 = -9.838$, $c_3 = 39.09$, $c_4 = -75.62$, $c_5 = 70.3$, $c_6 = -24.88$ $I_a = 55.26 \times 10^{-3}$ ph/m $I_b = 76.22 \times 10^{-3}$ ph/m $I_c = 162.9 \times 10^{-3}$ ph/m $I_{\text{tot}} = 294.4 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 5.76043$ 

Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 2.442 \times 10^{-3}$, $\sigma_a = 12.44 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 2.738 \times 10^{-3}$, $\sigma_b = 12.8 \times 10^{-3}$ Background (blue): $c_1 = 83.91 \times 10^{-3}$, $c_2 = -2.977$, $c_3 = 17.59$, $c_4 = -38.62$, $c_5 = 36.06$, $c_6 = -12.25$ $I_a = 306. \times 10^{-3}$ ph/m $I_b = 333.3 \times 10^{-3}$ ph/m $I_c = -27.08 \times 10^{-3}$ ph/m $I_{\text{tot}} = 612.2 \times 10^{-3}$ ph/m $\chi^2/N_{\text{df}} = 1.93103$ 