

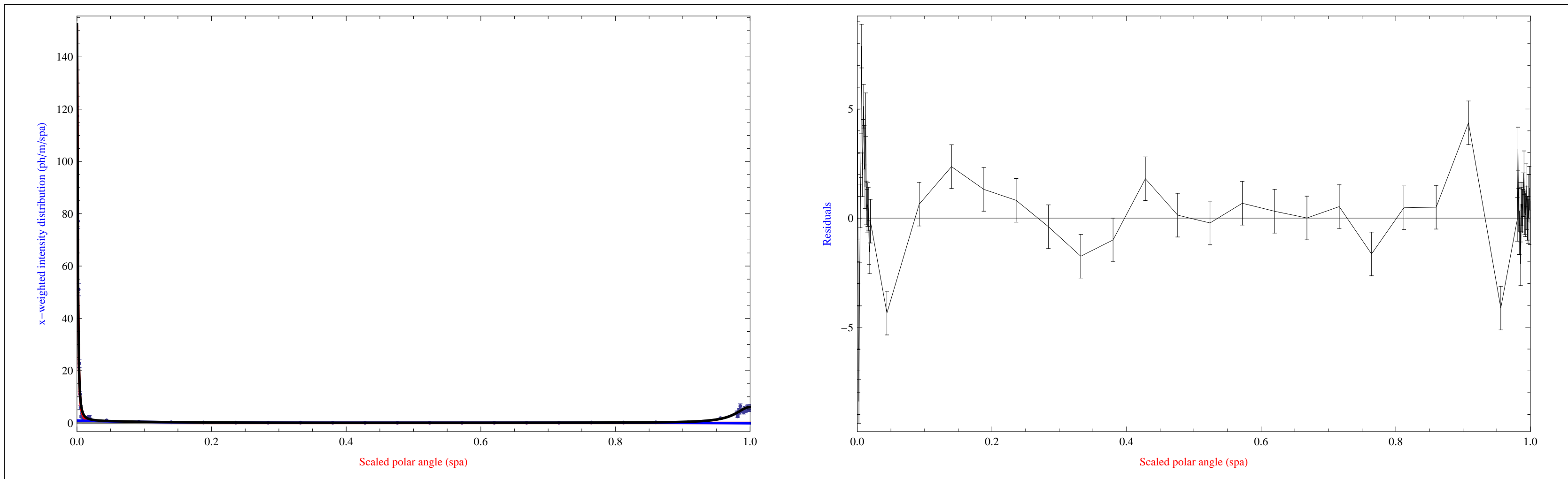
Type Number 1: QUADRUPOLE

Lorentzian a (red): $a_0 = 234.2 \times 10^{-6}$, $\sigma_a = 1.243 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 4.211 \times 10^{-3}$, $\sigma_b = 26.09 \times 10^{-3}$

Background (blue): $c_1 = 912.3 \times 10^{-3}$, $c_2 = -7.177$, $c_3 = 24.33$ $c_4 = -41.4$, $c_5 = 35.37$, $c_6 = -12.16$

$I_a = 295.7 \times 10^{-3}$ ph/m $I_b = 249.4 \times 10^{-3}$ ph/m $I_c = 131.3 \times 10^{-3}$ ph/m $I_{\text{tot}} = 676.4 \times 10^{-3}$ ph/m

$\chi^2/N_{\text{df}} = 6.2658$



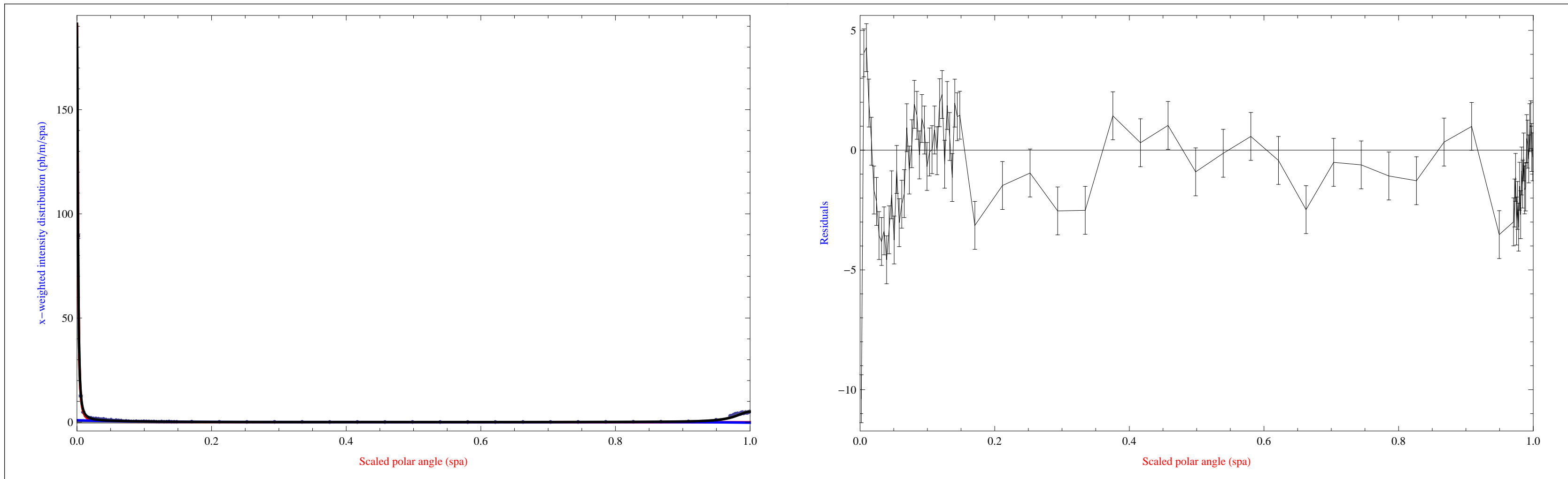
Type Number 2: DRIFT

Lorentzian a (red): $a_0 = 454.6 \times 10^{-6}$, $\sigma_a = 1.546 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 3.481 \times 10^{-3}$, $\sigma_b = 25.73 \times 10^{-3}$

Background (blue): $c_1 = 954.6 \times 10^{-3}$, $c_2 = -9.274$, $c_3 = 39.22$ $c_4 = -80.$, $c_5 = 77.87$, $c_6 = -28.98$

$I_a = 461.5 \times 10^{-3}$ ph/m $I_b = 209. \times 10^{-3}$ ph/m $I_c = 135.4 \times 10^{-3}$ ph/m $I_{\text{tot}} = 805.9 \times 10^{-3}$ ph/m

$\chi^2/N_{\text{df}} = 5.08721$



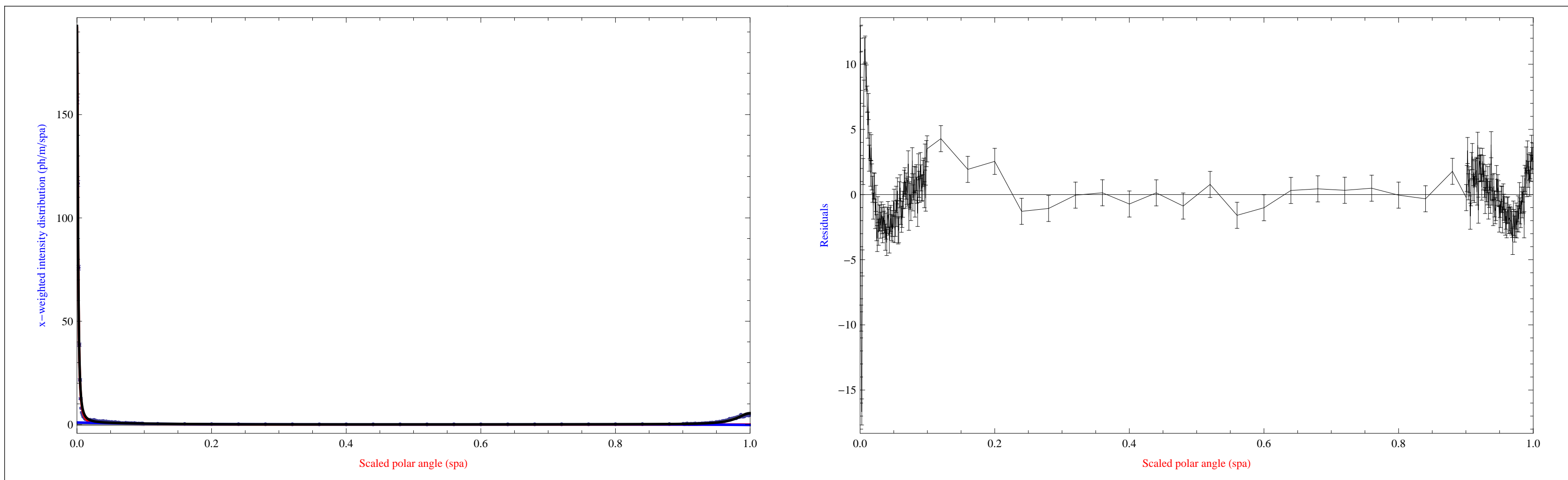
Type Number 3: SBEND

Lorentzian a (red): $a_0 = 495.3 \times 10^{-6}$, $\sigma_a = 1.607 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 3.09 \times 10^{-3}$, $\sigma_b = 23.48 \times 10^{-3}$

Background (blue): $c_1 = 996.6 \times 10^{-3}$, $c_2 = -8.131$, $c_3 = 29.38$ $c_4 = -54.31$, $c_5 = 50.61$, $c_6 = -18.75$

$I_a = 483.8 \times 10^{-3}$ ph/m $I_b = 203.6 \times 10^{-3}$ ph/m $I_c = 144.5 \times 10^{-3}$ ph/m $I_{\text{tot}} = 831.8 \times 10^{-3}$ ph/m

$\chi^2/N_{\text{df}} = 8.08543$



Type Number 4: WIGGLER

Lorentzian a (red): $a_0 = 19.36 \times 10^{-6}$, $\sigma_a = 9.649 \times 10^{-3}$ Lorentzian b (gray): $b_0 = 586.3 \times 10^{-15}$, $\sigma_b = 11.62 \times 10^{-3}$

Background (blue): $c_1 = 20.75 \times 10^{-3}$, $c_2 = 919.7 \times 10^{-3}$, $c_3 = -5.464$ $c_4 = 8.364$, $c_5 = -3.677$, $c_6 = -30.68 \times 10^{-3}$

$I_a = 3.132 \times 10^{-3}$ ph/m $I_b = 78.65 \times 10^{-12}$ ph/m $I_c = 9.708 \times 10^{-3}$ ph/m $I_{\text{tot}} = 12.84 \times 10^{-3}$ ph/m

$\chi^2/N_{\text{df}} = 0.0106848$

