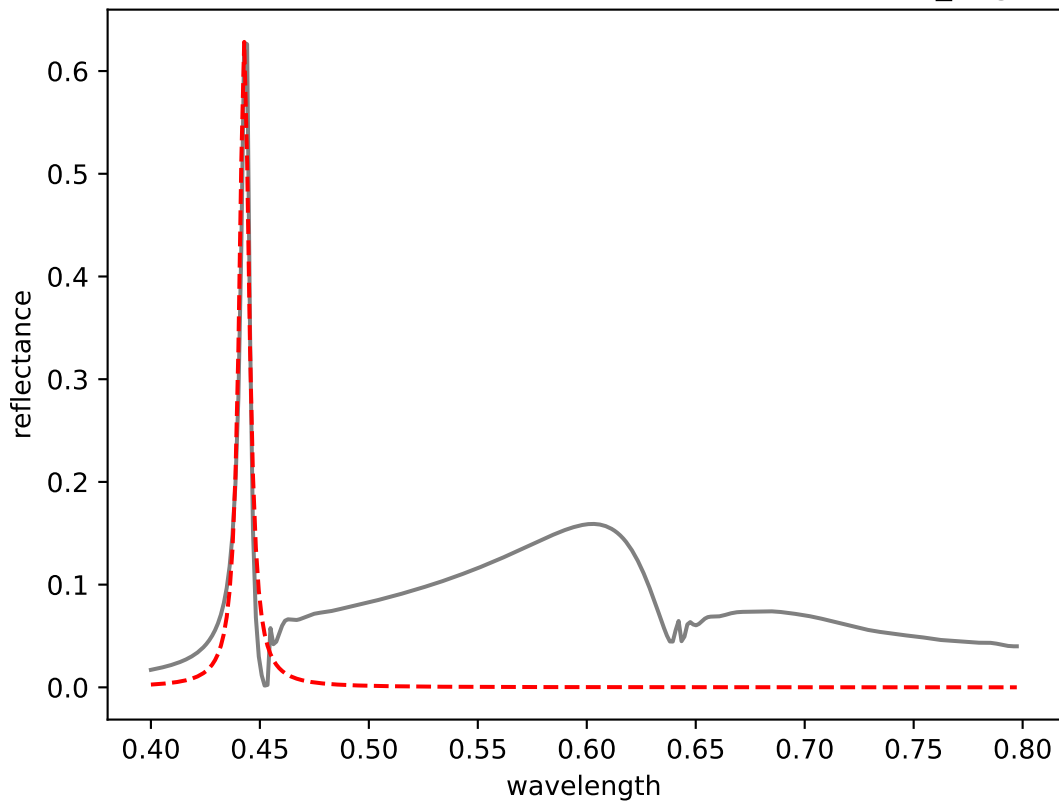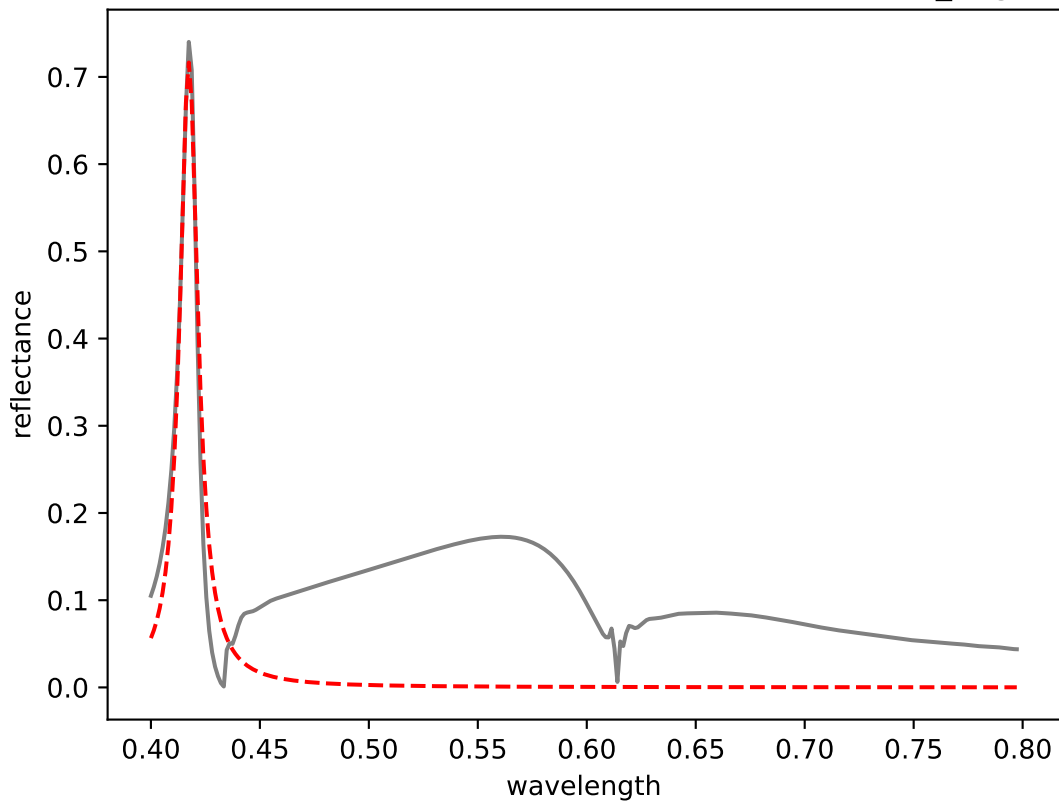#1: b = 2.81, c = 5.91, b_var = 17.76, c_var = 0.45
sr = 0.0800 nm, ht = 0.1098 nm, cs = 0.5490 nm, theta_deg = 0.0°
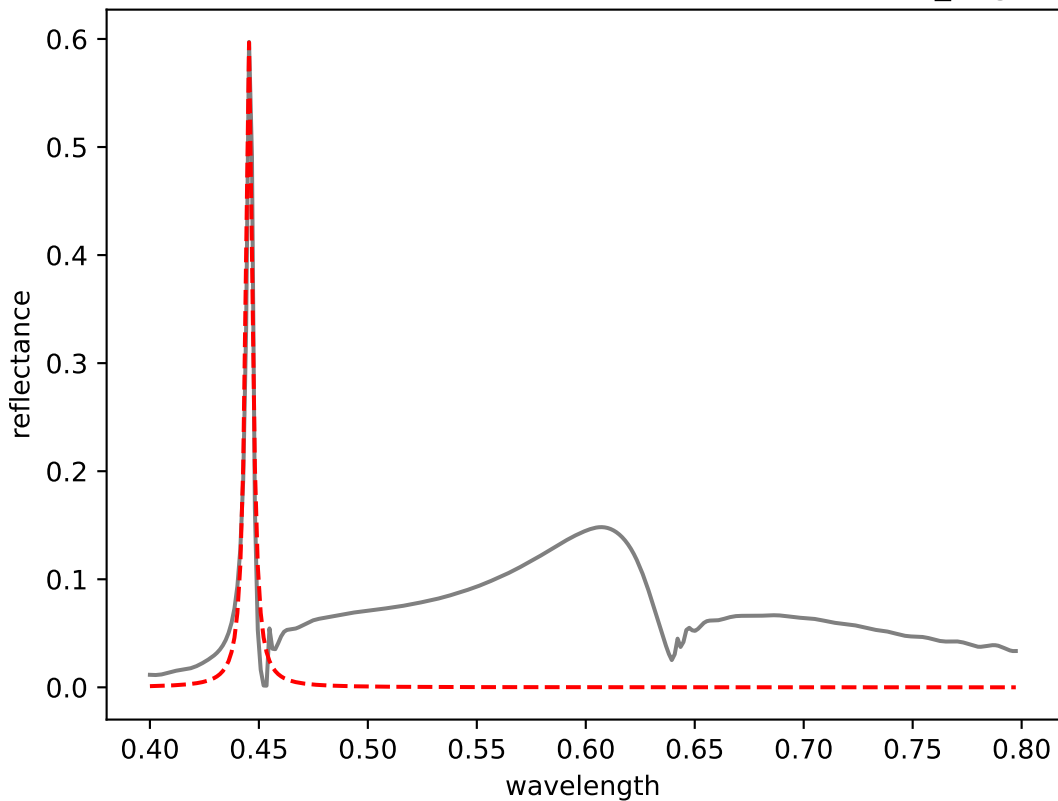
#2: b = 5.09, c = 3.96, b_var = 35.75, c_var = 0.23
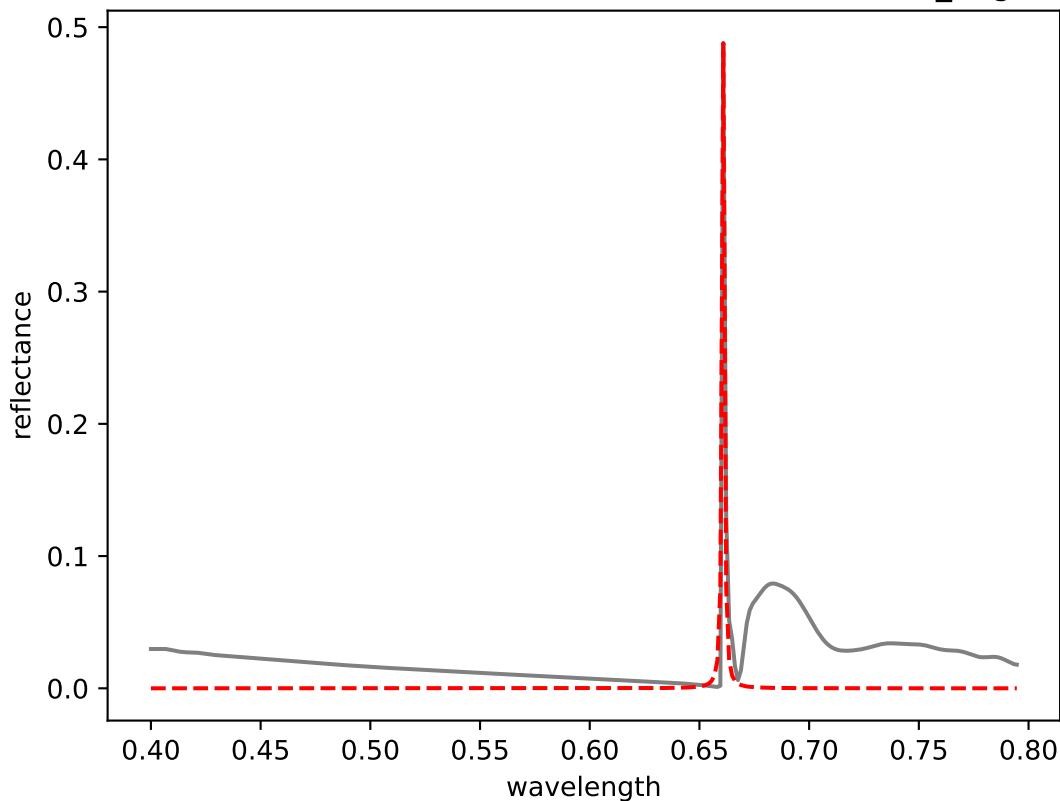sr = 0.0955 nm, ht = 0.1091 nm, cs = 0.5465 nm, theta_deg = 0.0°

#3: b = 1.93, c = 6.76, b_var = 9.74, c_var = 0.56
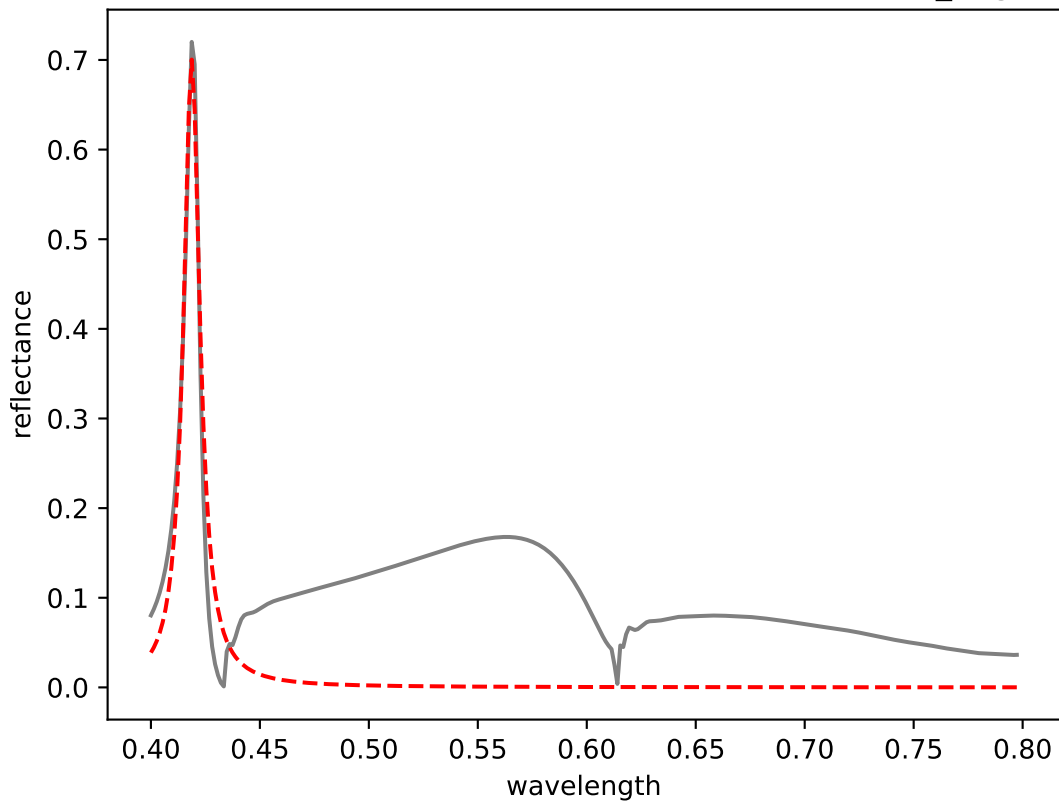sr = 0.0765 nm, ht = 0.1091 nm, cs = 0.5490 nm, theta_deg = 0.0°

#4: b = 0.57, c = 10.51, b_var = 0.75, c_var = 0.17
sr = 0.0167 nm, ht = 0.0602 nm, cs = 0.4537 nm, theta_deg = 0.0°

#5: b = 4.54, c = 4.28, b_var = 29.87, c_var = 0.25
sr = 0.0936 nm, ht = 0.1098 nm, cs = 0.5490 nm, theta_deg = 0.0°

#6: b = 2.51, c = 6.21, b_var = 13.63, c_var = 0.44
sr = 0.0781 nm, ht = 0.1098 nm, cs = 0.5243 nm, theta_deg = 0.0°