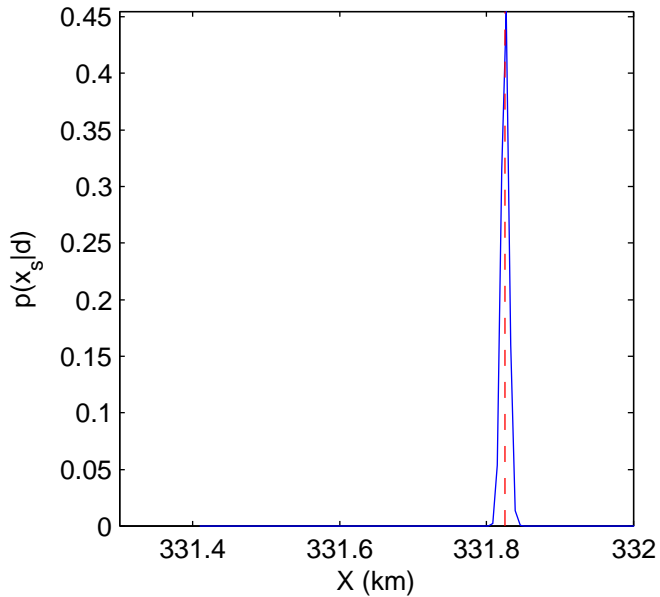


x_s estimation y_s estimation