Figure 1. Predicted 1 dimensional Spread Out Bragg Peak along longitudinal direction by applying weighting factors, which were obtained by MINUIT Fit and In-house simple iteration calculation.

Figure 2. Predicted lateral beam profile, which is used transverse direction weighting factors from MINUIT Fit.

Figure 3. Predicted 2 dimensional Spread Out Bragg Peak, which is used 2D transverse scanning with obtained weighting factors.