

Table for 6.0 keV, 250 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.5 keV, 250 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.0 keV, 250 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 4.5 keV, 250 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 6.0 keV, 40 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.5 keV, 40 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.0 keV, 40 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 4.5 keV, 40 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 6.0 keV, 20 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.5 keV, 20 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 5.0 keV, 20 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

Table for 4.5 keV, 20 pC, maxTaper. Columns: E\_ph, Q, I\_pk, N\_ph/pulse, N\_ph/pulse, dt\_FWHM, sigma\_T,20, theta\_FWHM, infinity, Delta z\_0. Rows: 16 parameter sets.

E\_ph : Photon energy
Q : Charge per e-beam bunch
I\_pk : Peak e-beam current

N\_ph/pulse : x-ray photons per pulse
maxTaper : with optimized post-saturation taper
dt\_FWHM : x-ray pulse length (FWHM)

sigma\_T,20 : Radiation waist size (rms)
theta\_FWHM, infinity : Far-field radiation opening angle (FWHM)
z\_0 : Radiation source point location relative to end of last inserted undulator