Laser pulse length 3.5 ps
Laser iris diameter 1.00 mm

Photon Energy (eV) Injector Dump <- bunch charge (pC x10) X-Rays Energy (mJ) -> E-Loss Gas Detector 1

E_{FEL} = 0.94 mJ
\lambda_{FEL} = 2.5626 nm
N_{photons} = 12.09 \times 10^{12}

Energy and other parameters for various sections of the beamline.