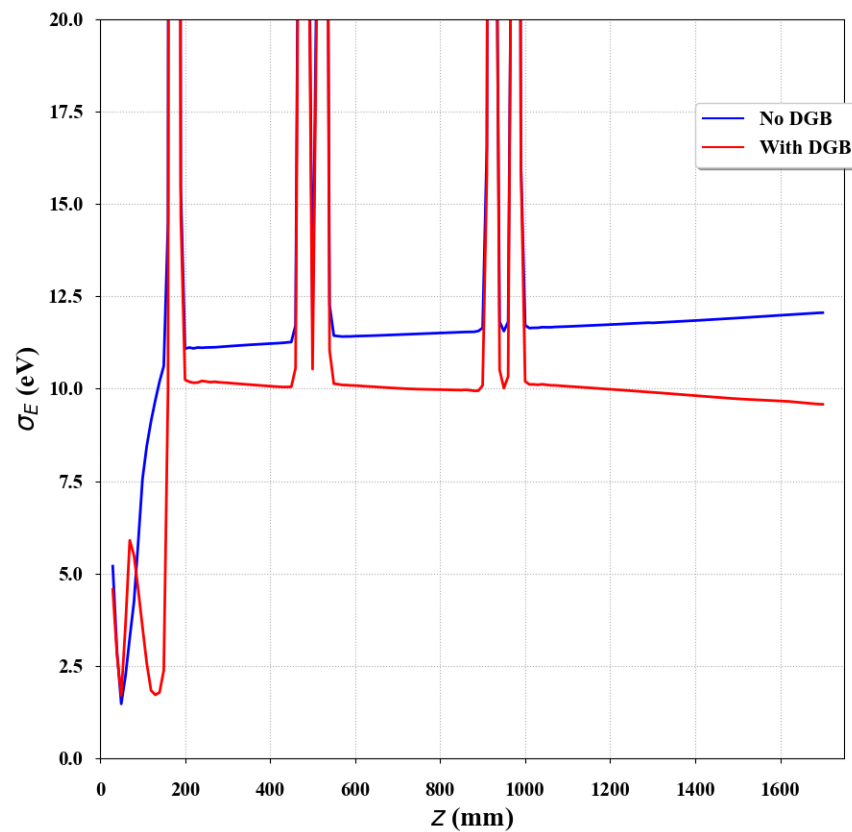
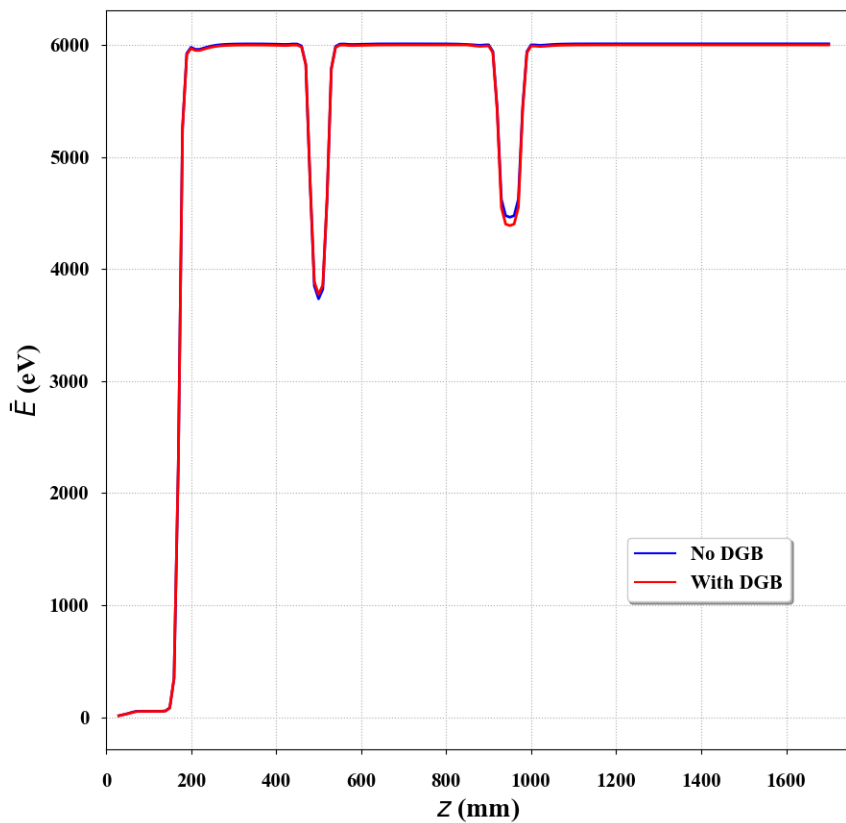


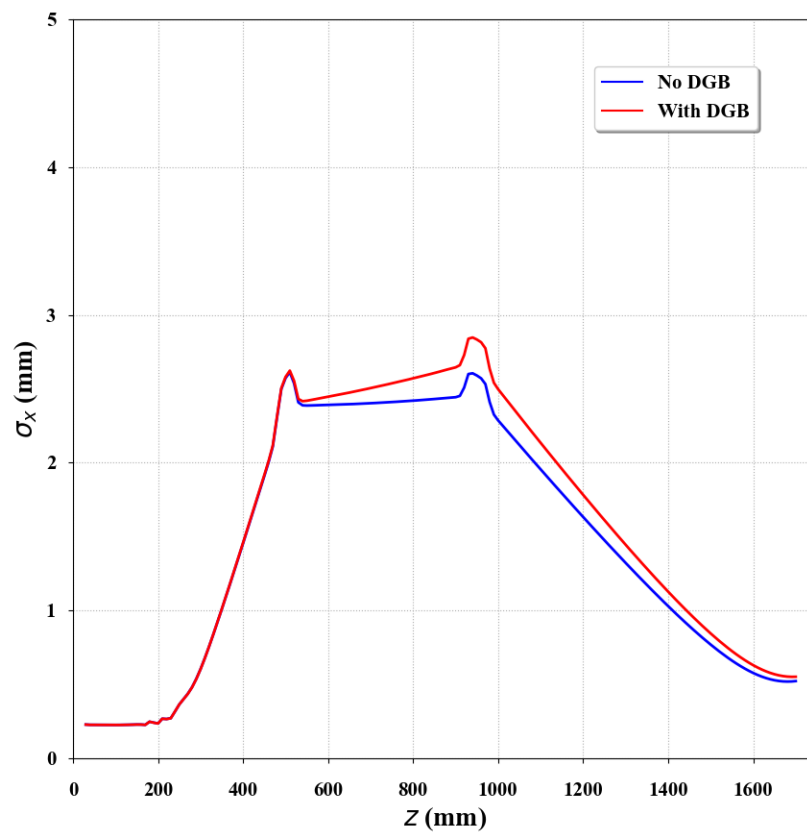
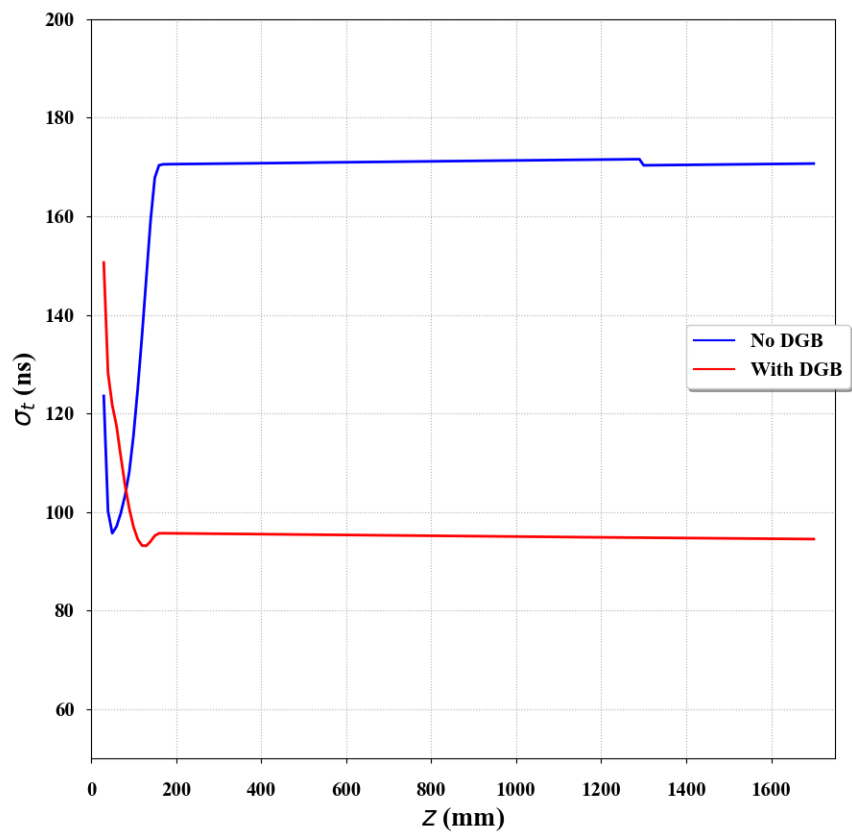
Meeting 0723

Kyoung-Hun Yoo

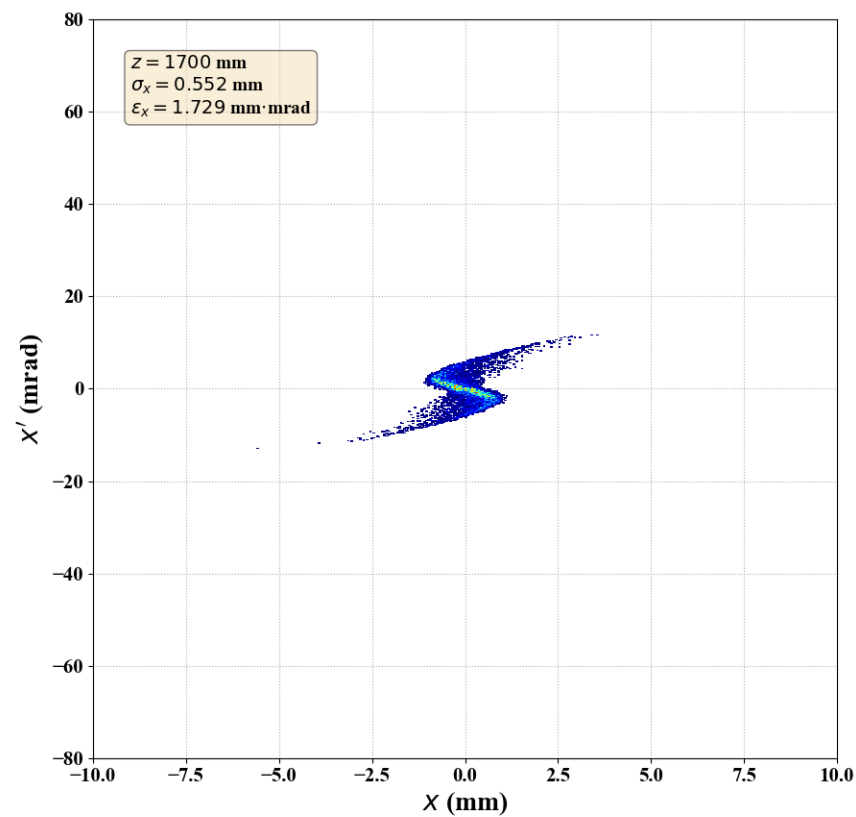
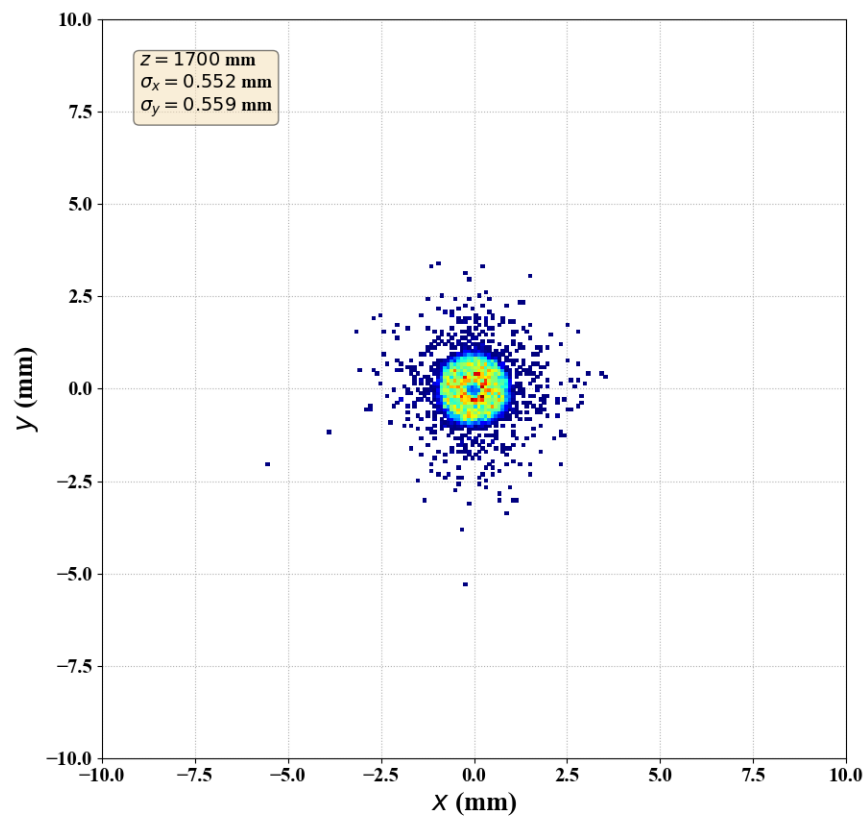
6 keV with DGB



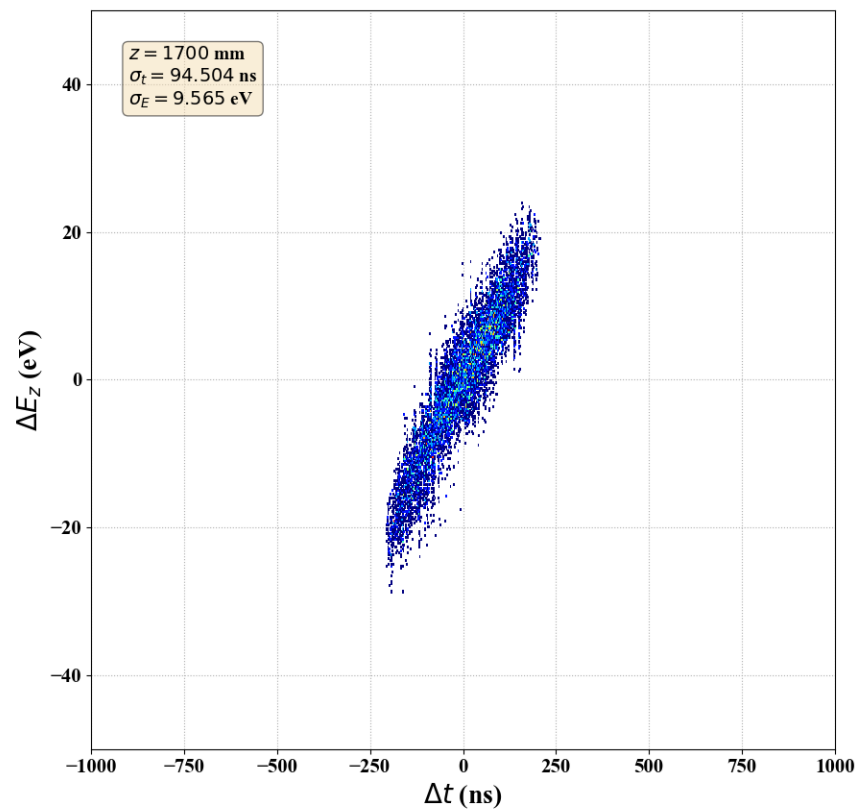
6 keV with DGB



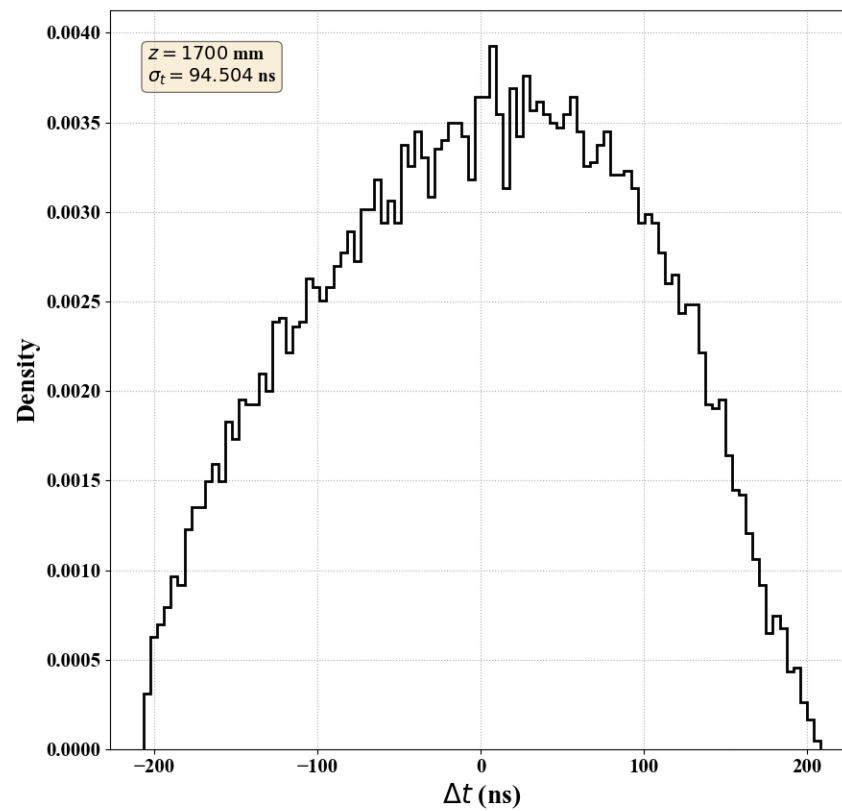
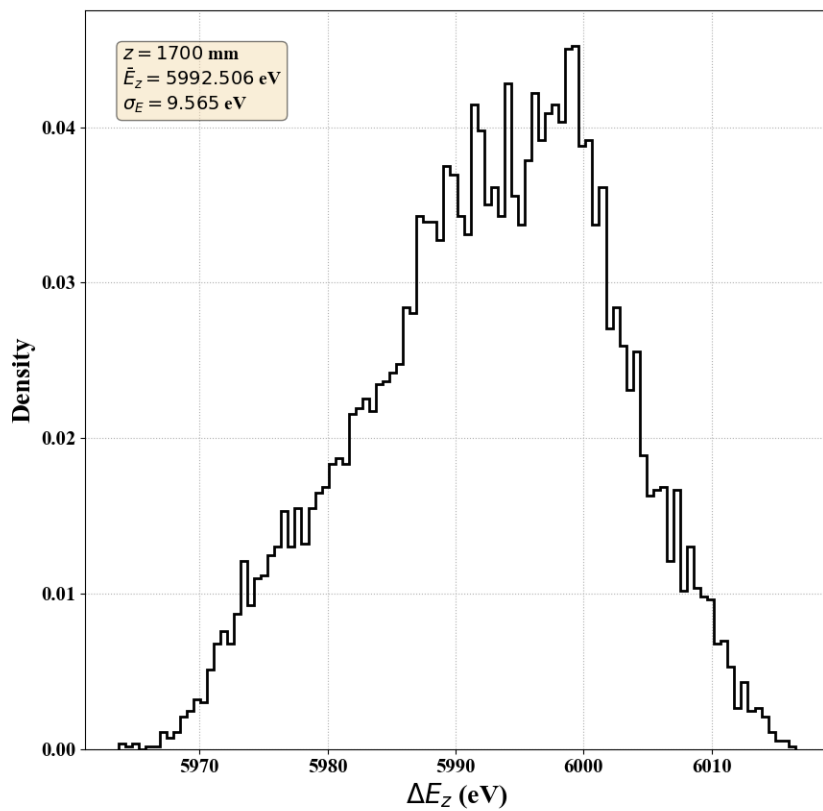
6 keV with DGB



6 keV with DGB



6 keV with DGB



Comparison

At $z = 1700 \text{ mm}$	No DGB	DGB
Mean Longitudinal Energy $\overline{E_z} \text{ (keV)}$	6.00	5.99
Longitudinal Energy Spread $\sigma_{Ez} \text{ (eV)}$	12.04	9.57
Bunch Length $\sigma_t \text{ (ns)}$	170.71	94.5
Beam Size $\sigma_x \text{ (mm)}$	0.523	0.552
Emittance $\epsilon_x \text{ (mm} \cdot \text{mrad)}$	1.538	1.729