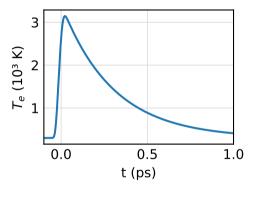
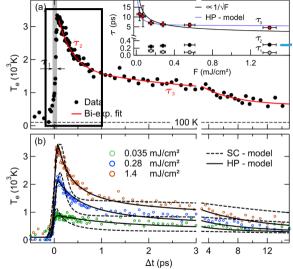
Thermal Radiation of Hot Electrons

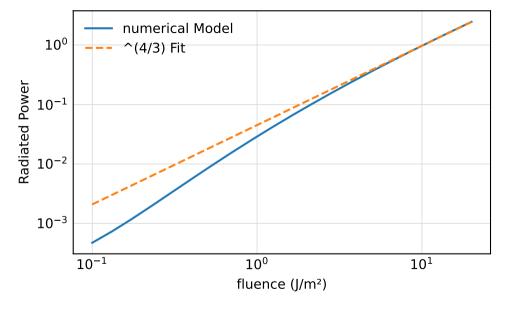
Leon Oleschko 02.05.2025

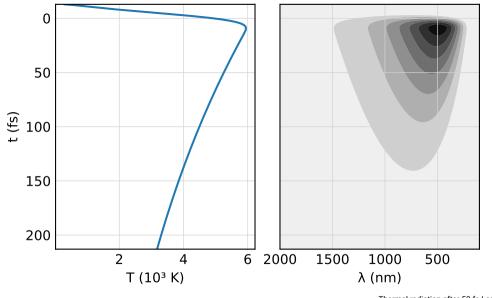


Validation

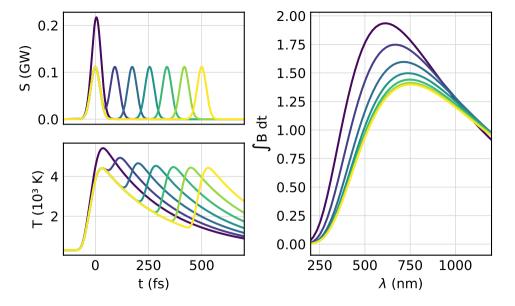


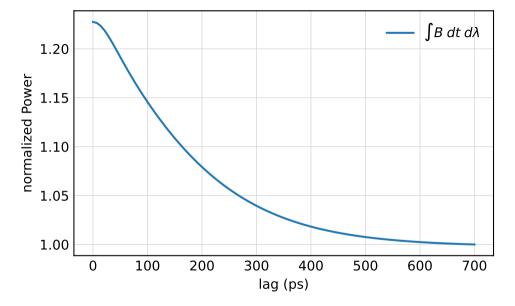


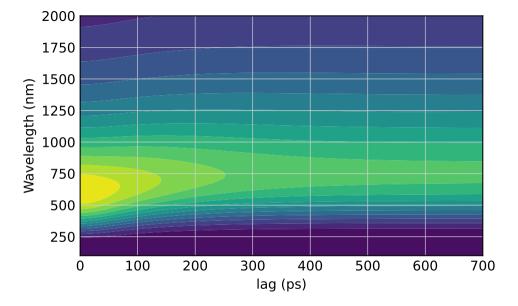


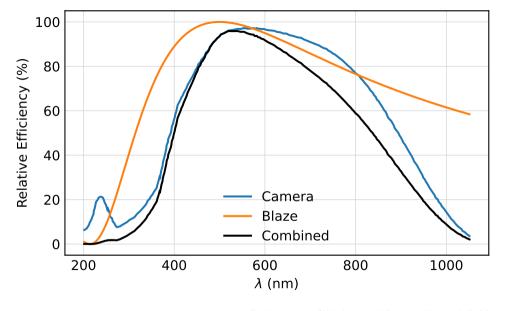


Thermal radiation after 50 fs Laser pulse Best Streak Cameras have resolutions of 180 fs. [Wikipedia: Streak Camera]

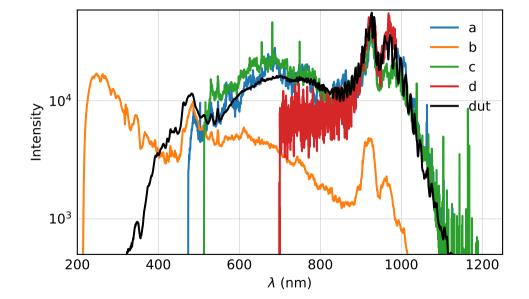


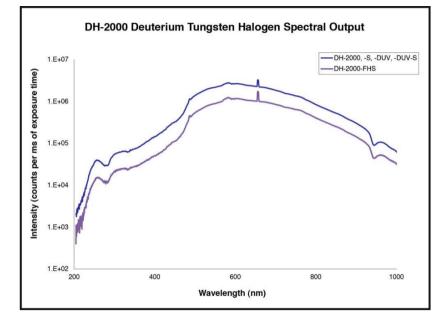


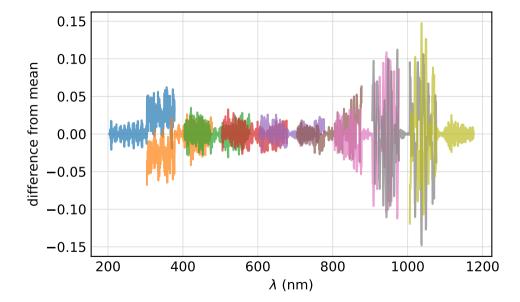


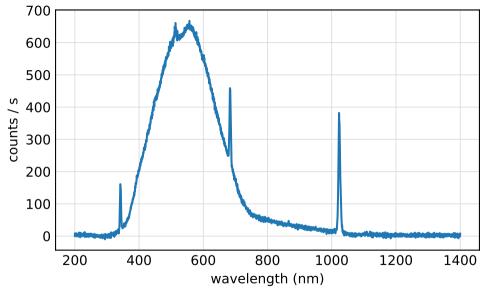


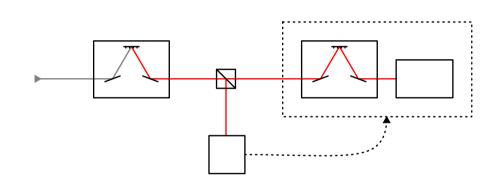
"Ripple correction of high-dispersion IUE spectra - Blazing echelles", Barker 1984



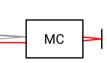








$$T = \eta_{\leftarrow} \; \eta_{\mathsf{Detektor}} \; L$$



$$R = \eta_{\leftarrow} \eta_{\rightarrow} \ \eta_{\mathsf{Detektor}} \ L$$

$$\Rightarrow \eta_{\leftarrow} = R/T$$