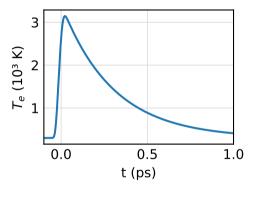
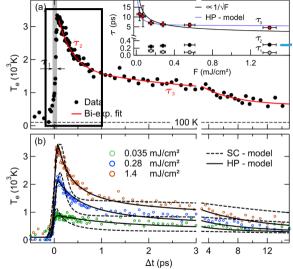
Thermal Radiation of Hot Electrons

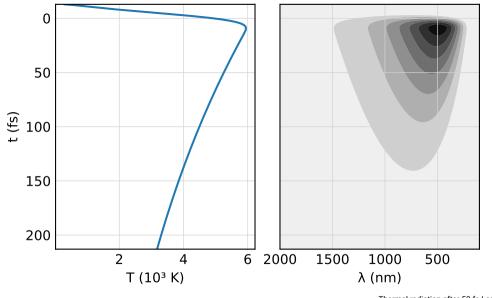
Leon Oleschko 07.04.2025



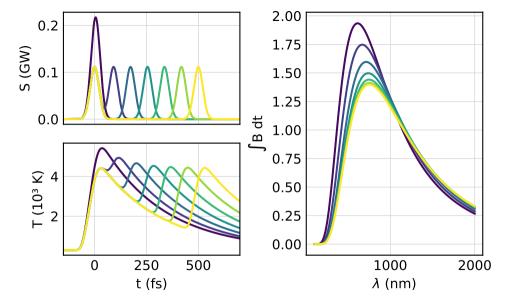
Validation

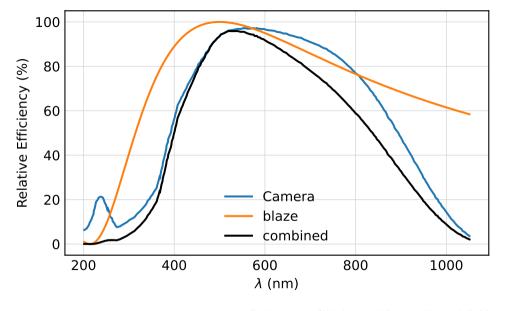




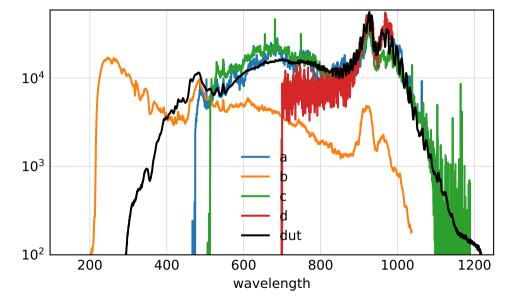


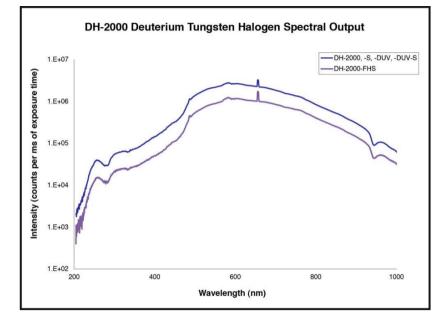
Thermal radiation after 50 fs Laser pulse Best Streak Cameras have resolutions of 180 fs. [Wikipedia: Streak Camera]

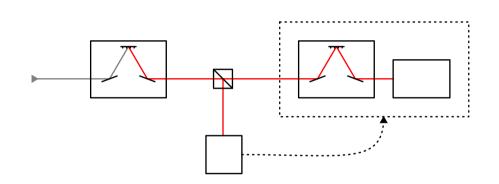


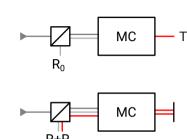


"Ripple correction of high-dispersion IUE spectra - Blazing echelles", Barker 1984









Assuming MC is symmetric $\eta_{\rightarrow} = \eta_{\leftarrow}$:

$$\eta \rightarrow - \eta \leftarrow$$
.
$$T = \eta L$$

$$R = \eta^2 L$$

$$\rightarrow \eta = R/T$$