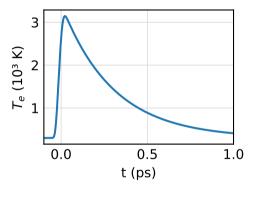
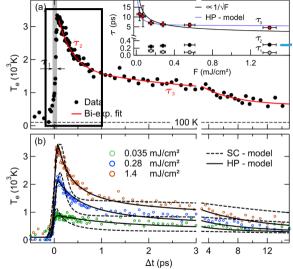
Thermal Radiation of Hot Electrons

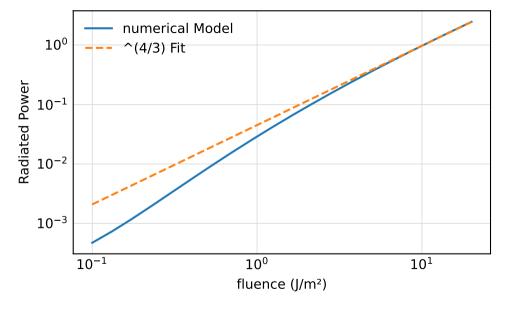
Leon Oleschko 25.04.2025

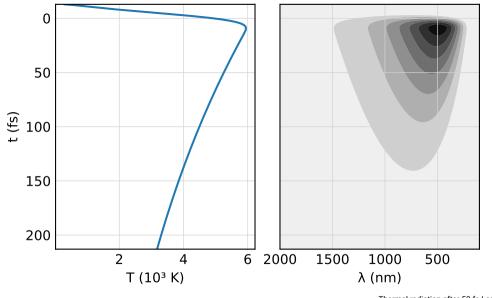


Validation

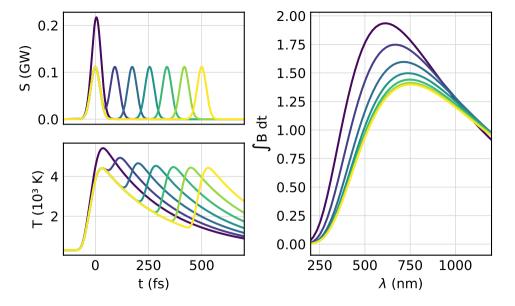


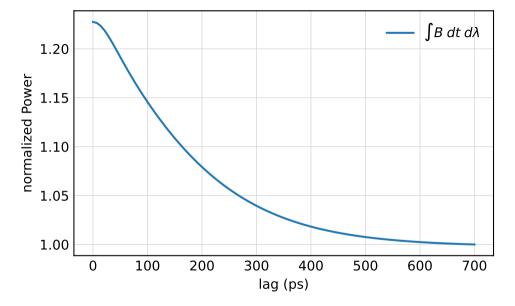


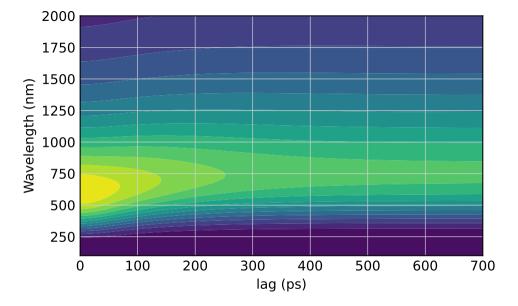


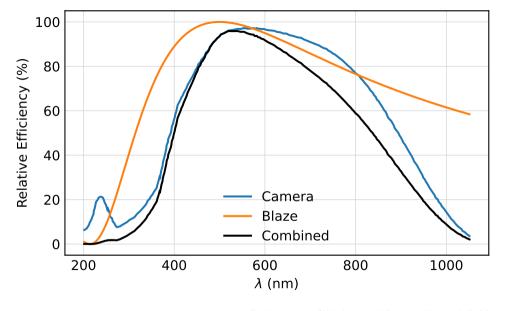


Thermal radiation after 50 fs Laser pulse Best Streak Cameras have resolutions of 180 fs. [Wikipedia: Streak Camera]

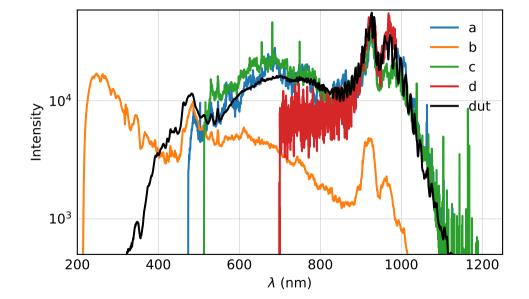


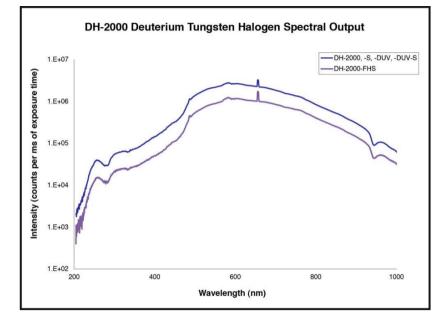


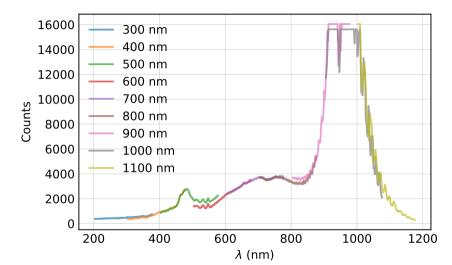


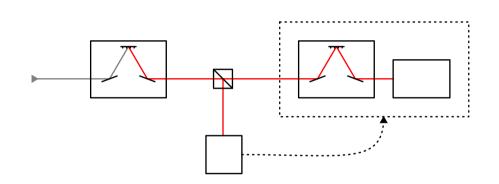


"Ripple correction of high-dispersion IUE spectra - Blazing echelles", Barker 1984









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



$$R = \eta \leftarrow \eta_{
m Detektor} \ L$$
 $\Rightarrow \eta \leftarrow R/T$