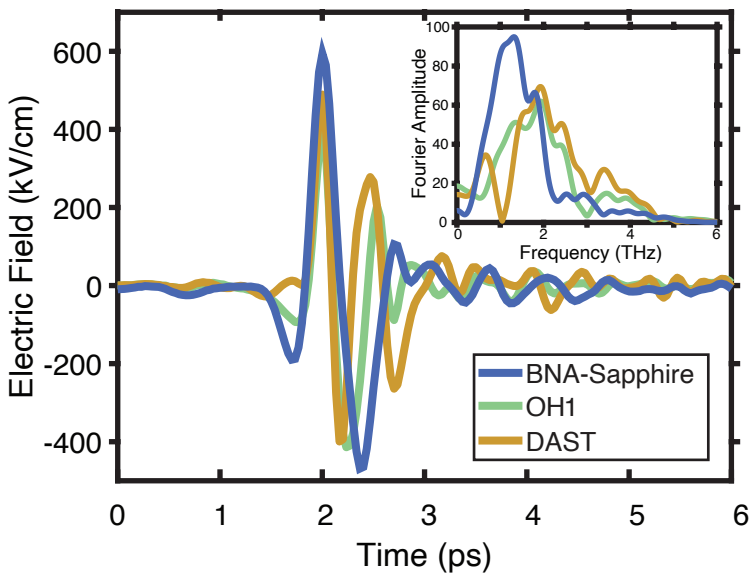


Optimize your 800-nm pump THz generation

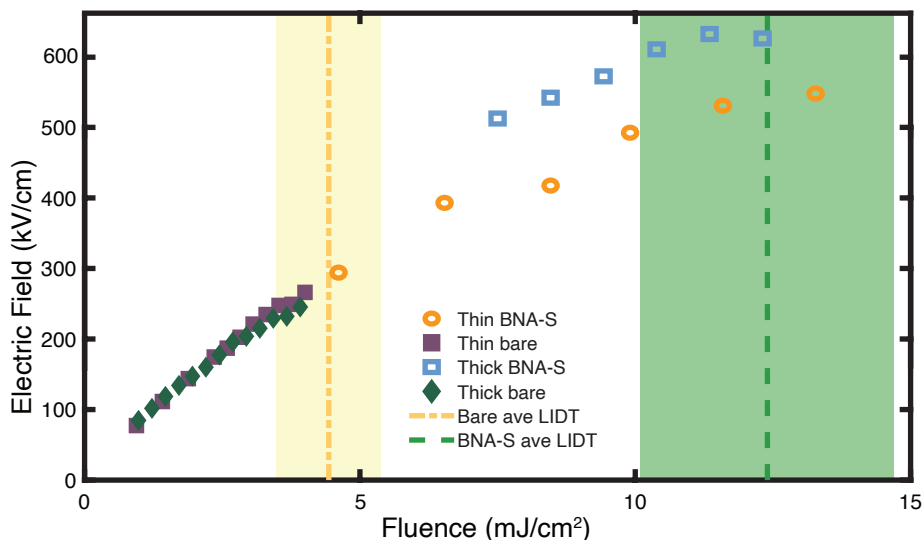
100-fs pump

BNA-S 4.2 mJ 800-nm pump vs. DAST, OH1 0.84 mJ 1450-nm pump (same THz focusing setup)

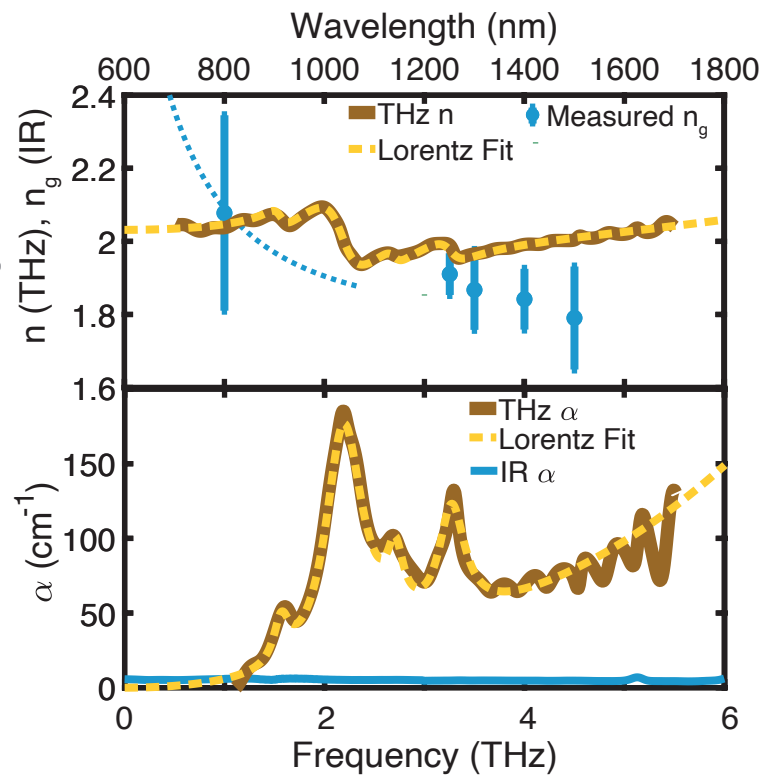


Increase 800-nm damage threshold up to 3 times

Below - comparison to bare BNA crystals pumped with 800-nm pump wavelength (500 Hz pump rep rate)



BNA Refractive Index



Thin, high-quality BNA-S crystals produce a smooth, broad THz generation spectrum. BNA-S can be pumped from 800 - 1600 nm, with optimal phase matching close to 1000 nm. BNA has also been proven as a good crystal for DFG over a broad range of generation frequencies.

