

LIDT TEST RESULTS

LIDT VALUE

10^3 -on-1	$7.906^{+0.089}_{-0.326}$ J/cm ²
10^3 -on-1 (scaled to 10.0 ns)	$10.979^{+0.124}_{-0.453}$ J/cm ²

CHARACTERISTIC DAMAGE CURVE

Table 1: Estimated LIDTs from fitting model for sample DAR_P1S_1.

Test mode	Pulse duration	Threshold (Offline detection - microscopy)	Threshold (Online detection - scattering)
1-on-1	5.2 ns	$9.826^{+0.185}_{-0.745}$ J/cm ²	$11.693^{+0.209}_{-0.704}$ J/cm ²
	scaled to 10.0 ns	$13.646^{+0.256}_{-1.035}$ J/cm ²	$16.238^{+0.290}_{-0.977}$ J/cm ²
10-on-1	5.2 ns	-	$8.888^{+0.102}_{-0.421}$ J/cm ²
	scaled to 10.0 ns	-	$12.343^{+0.142}_{-0.584}$ J/cm ²
10^2 -on-1	5.2 ns	-	$7.908^{+0.086}_{-0.324}$ J/cm ²
	scaled to 10.0 ns	-	$10.983^{+0.120}_{-0.450}$ J/cm ²
10^3 -on-1	5.2 ns	$7.908^{+0.083}_{-0.332}$ J/cm ²	$7.906^{+0.089}_{-0.326}$ J/cm ²
	scaled to 10.0 ns	$10.983^{+0.115}_{-0.461}$ J/cm ²	$10.979^{+0.124}_{-0.453}$ J/cm ²

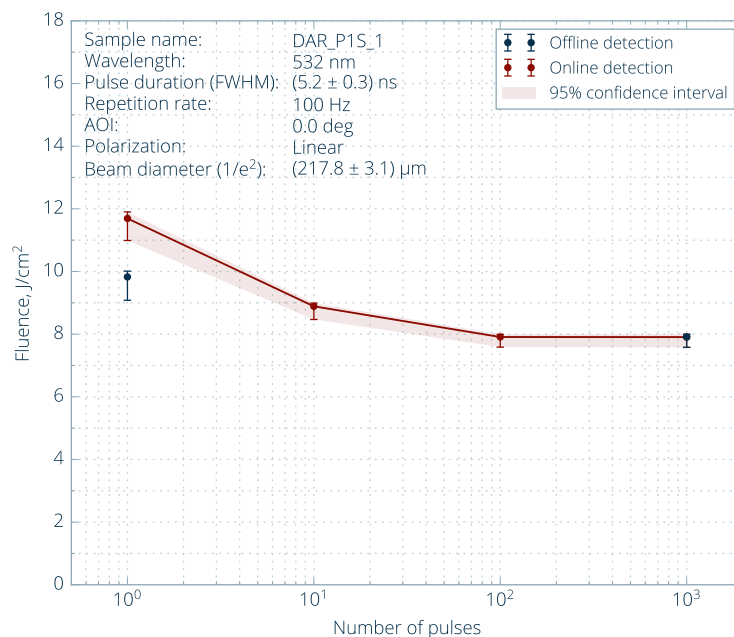


Figure 2. Characteristic damage curve.