

LIDT TEST RESULTS

LIDT VALUE

10^8 -on-1

$0.052 \begin{smallmatrix} +0.011 \\ -0.011 \end{smallmatrix} \text{ J/cm}^2$

CHARACTERISTIC DAMAGE CURVE

Table 1: Estimated LIDTs from fitting model for sample PAN5441.

Test mode	Threshold (Catastrophic)	Threshold (Color mode)
1-on-1	$1.126 \begin{smallmatrix} +0.031 \\ -0.031 \end{smallmatrix} \text{ J/cm}^2$	$0.986 \begin{smallmatrix} +0.030 \\ -0.029 \end{smallmatrix} \text{ J/cm}^2$
10-on-1	$1.116 \begin{smallmatrix} +0.021 \\ -0.021 \end{smallmatrix} \text{ J/cm}^2$	$0.920 \begin{smallmatrix} +0.028 \\ -0.027 \end{smallmatrix} \text{ J/cm}^2$
10^2 -on-1	$1.091 \begin{smallmatrix} +0.017 \\ -0.017 \end{smallmatrix} \text{ J/cm}^2$	$0.854 \begin{smallmatrix} +0.026 \\ -0.026 \end{smallmatrix} \text{ J/cm}^2$
10^3 -on-1	$1.091 \begin{smallmatrix} +0.017 \\ -0.017 \end{smallmatrix} \text{ J/cm}^2$	$0.752 \begin{smallmatrix} +0.024 \\ -0.024 \end{smallmatrix} \text{ J/cm}^2$
10^4 -on-1	$1.091 \begin{smallmatrix} +0.017 \\ -0.017 \end{smallmatrix} \text{ J/cm}^2$	$0.548 \begin{smallmatrix} +0.021 \\ -0.021 \end{smallmatrix} \text{ J/cm}^2$
10^5 -on-1	$1.091 \begin{smallmatrix} +0.017 \\ -0.017 \end{smallmatrix} \text{ J/cm}^2$	$0.219 \begin{smallmatrix} +0.015 \\ -0.015 \end{smallmatrix} \text{ J/cm}^2$
10^6 -on-1	$1.087 \begin{smallmatrix} +0.021 \\ -0.021 \end{smallmatrix} \text{ J/cm}^2$	$0.142 \begin{smallmatrix} +0.013 \\ -0.013 \end{smallmatrix} \text{ J/cm}^2$
10^7 -on-1	$1.087 \begin{smallmatrix} +0.021 \\ -0.021 \end{smallmatrix} \text{ J/cm}^2$	$0.076 \begin{smallmatrix} +0.012 \\ -0.012 \end{smallmatrix} \text{ J/cm}^2$
10^8 -on-1	$1.060 \begin{smallmatrix} +0.048 \\ -0.047 \end{smallmatrix} \text{ J/cm}^2$	$0.052 \begin{smallmatrix} +0.011 \\ -0.011 \end{smallmatrix} \text{ J/cm}^2$

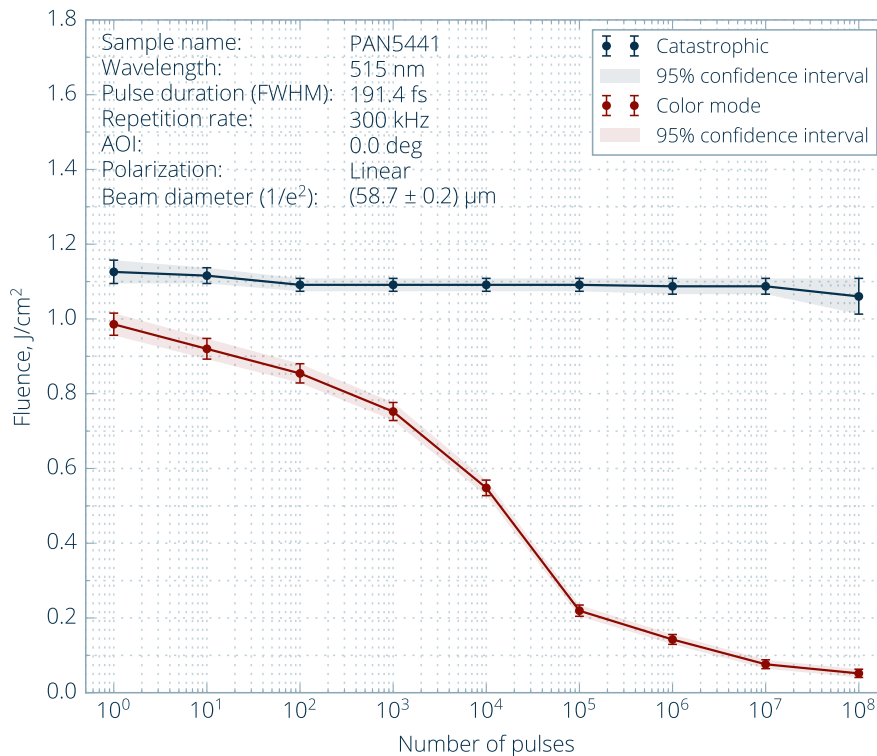


Figure 2. Characteristic damage curve.