Tables

Table 1. Excitation wavelengths and fluorescence wavelengths that can pass through the fluorescent filters used in this study.

Filter color	Excitation wavelength (nm)	Fluorescence wavelength (nm)			
WIG (red)	520-550	≥580			
WU (blue)	330-385	≥420			
NIBA (green)	470-490	515-550			

Table 2. Average track and entry hole sizes, and the dimensions of the Lucentite particles after collision with the aerogel.

Shot particles		Track dimensions		Entrance hole dimensions		Particle dimensions			
Length	Width	Length (mm)	Maximum	Length	Width	Area	Length	Width	Area
(µm)	(µm)		width (mm)	(mm)	(mm)	(mm)	(µm)	(µm)	$(\mu m^2)$
$57.6 \pm 2.1$	$60.4 \pm 2.2$	$10.9 \pm 0.3$	$0.89 \pm 0.07$	$0.58 \pm 0.06$	$0.62 \pm 0.07$	$0.20 \pm 0.03$	$48.8 \pm 1.2$	$48.9 \pm 2.4$	$1,735.8 \pm 100.3$

Uncertainties are reported as the standard error of the mean.