

# **QE scan for HRPPD #27**

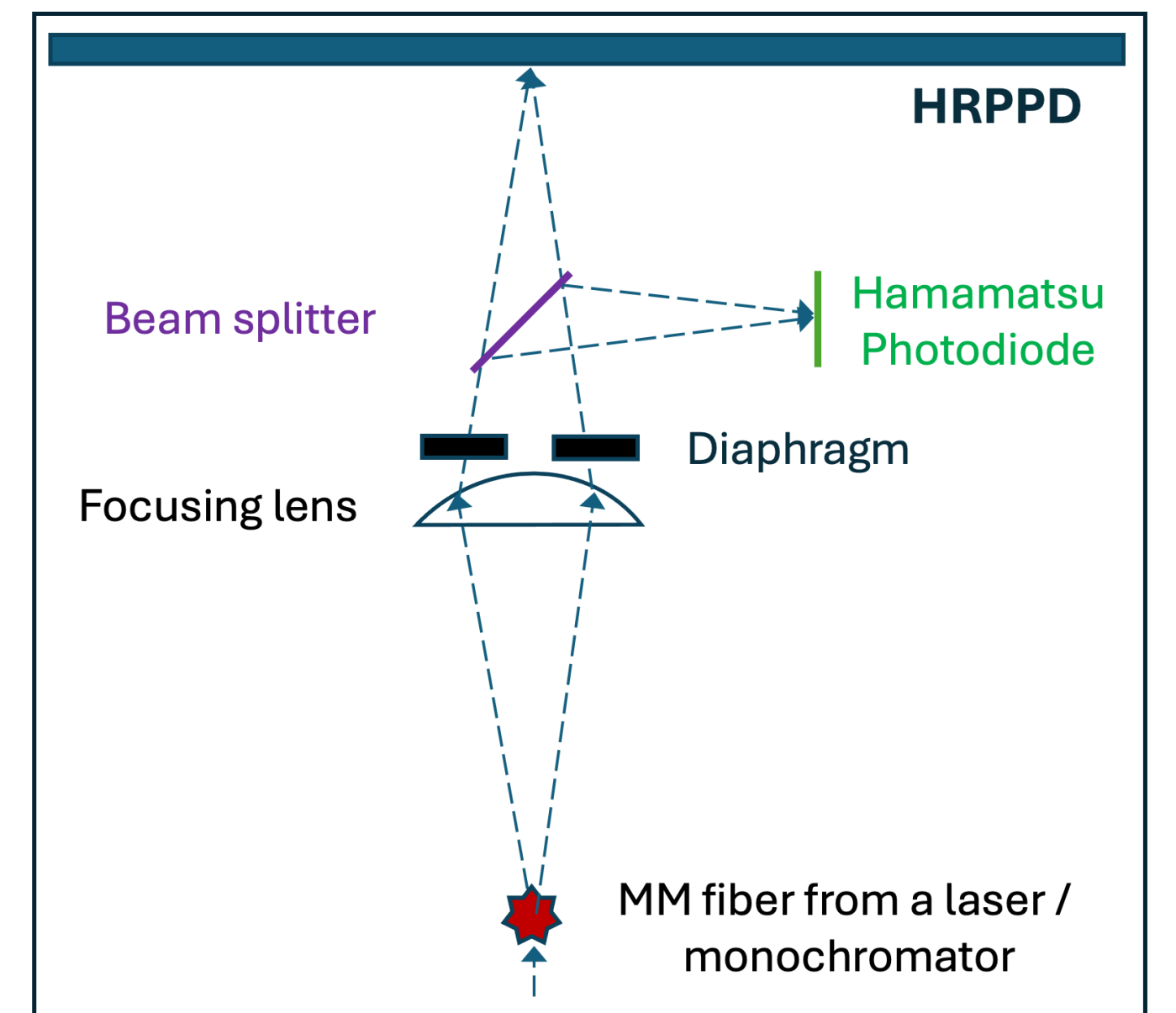
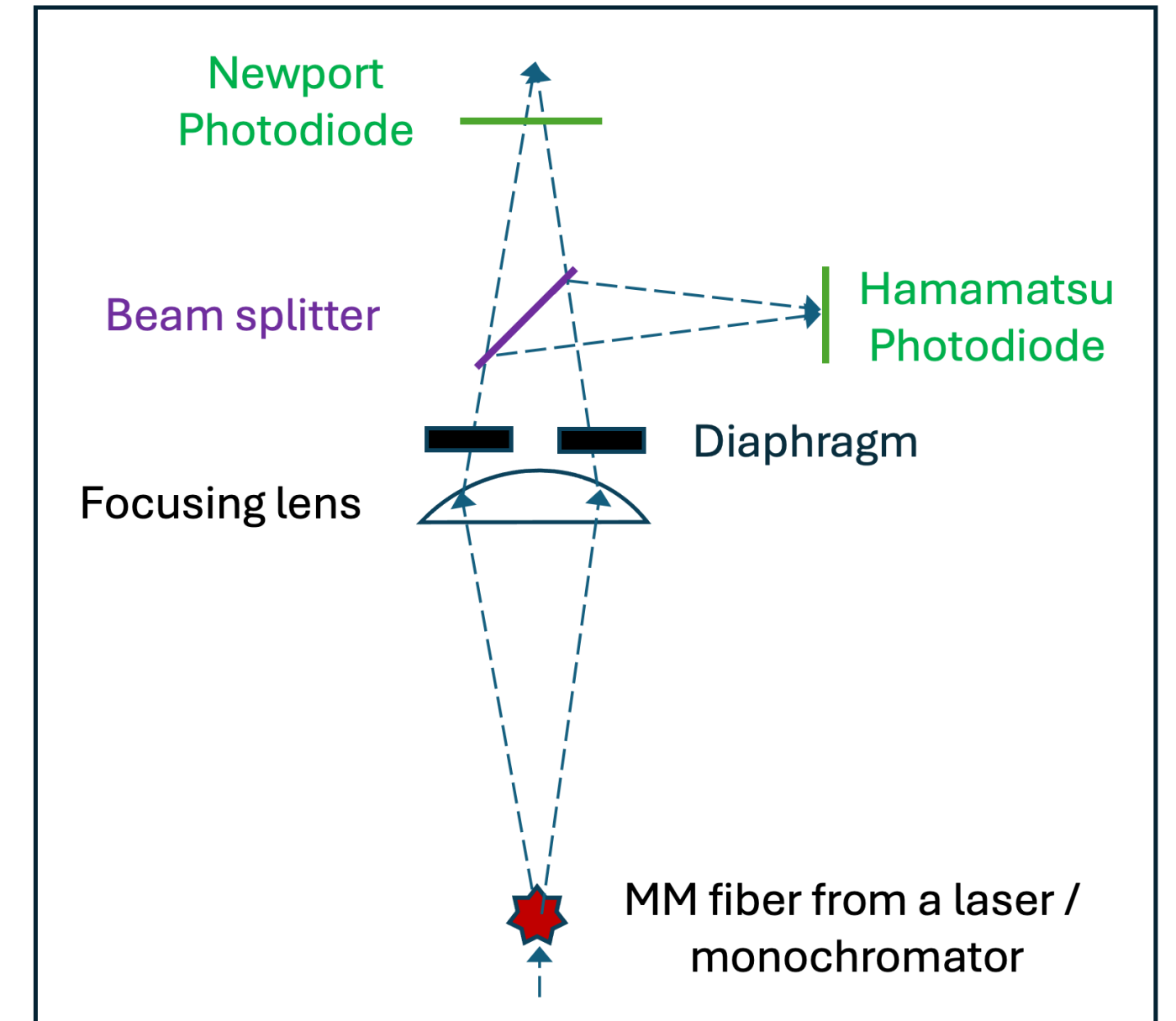
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# QE scan

- Using monochromator with Xenon lamp, wavelength range from 250 nm to 700 nm, taking 50 nm as a step, scan 8x8 on a pad of HRPPD.
- Calibrated by NIST-traceable Newport photodiode.
- 200 V on entry of MCP#1.
- Illumination on each pixel only a few seconds.
- Note that monochromator has a bias on wavelength  $\sim 2$  or 3 nm. Correction ongoing.
- Transmission ratio of the beam splitter also has wavelength dependence. Correction ongoing.



# QE scan

- Preliminary results. (No correction applied yet.)
- Ongoing:
  1. Other wavelengths.
  2. One pixel, entire wavelength range.

