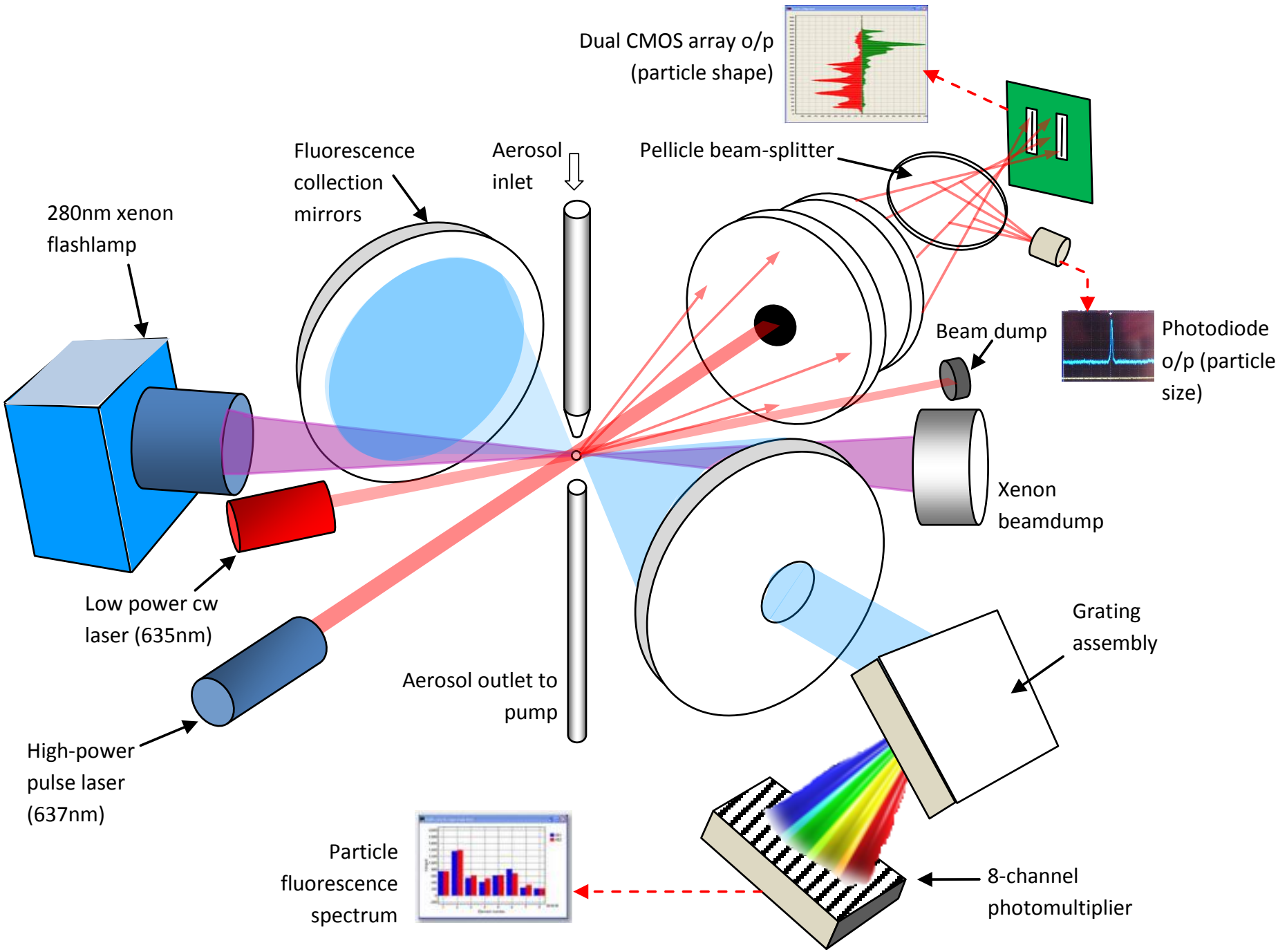
Dual CMOS array o/p
(particle shape)
Fluorescence
collection
mirrors
Aerosol
inlet
Pellicle beam-splitter
280nm xenon
flashlamp
Beam dump
Photodiode
o/p (particle
size)
Xenon
beamdump
Low power cw
laser (635nm)
Grating
assembly
Aerosol outlet to
pump
High-power
pulse laser
(637nm)
Particle
fluorescence
spectrum
8-channel
photomultiplier