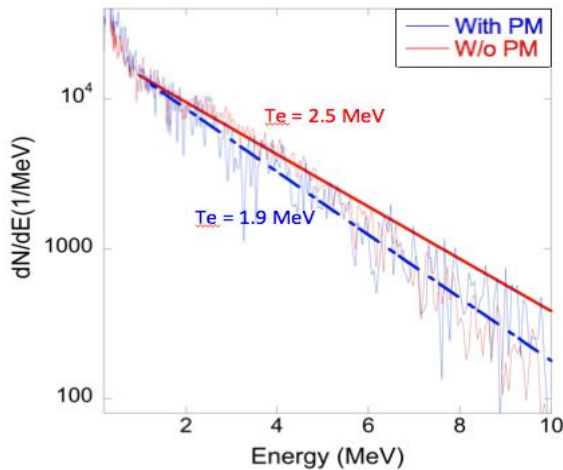
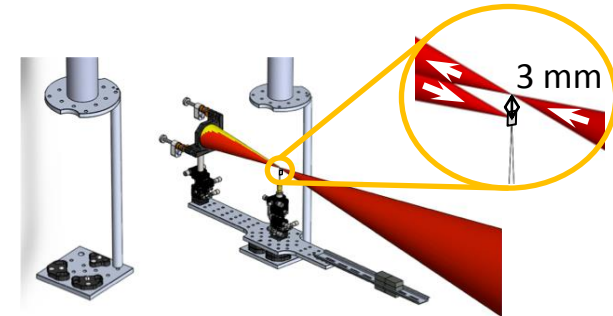


Plasma Mirror implementation on LFEX laser for Ion and Fast Electron Fast Ignition (A. Morace)

Plasma Mirror technology was successfully implemented on the kJ, PW- class laser LFEX at ILE, Osaka University.



With high-contrast LFEX beam we demonstrated the cooling of the fast electron slope temperature to values relevant to Fast Ignition

With Plasma Mirror we demonstrated the acceleration of proton from sub-mm CH foils opening to several applications for Proton Fast Ignition

