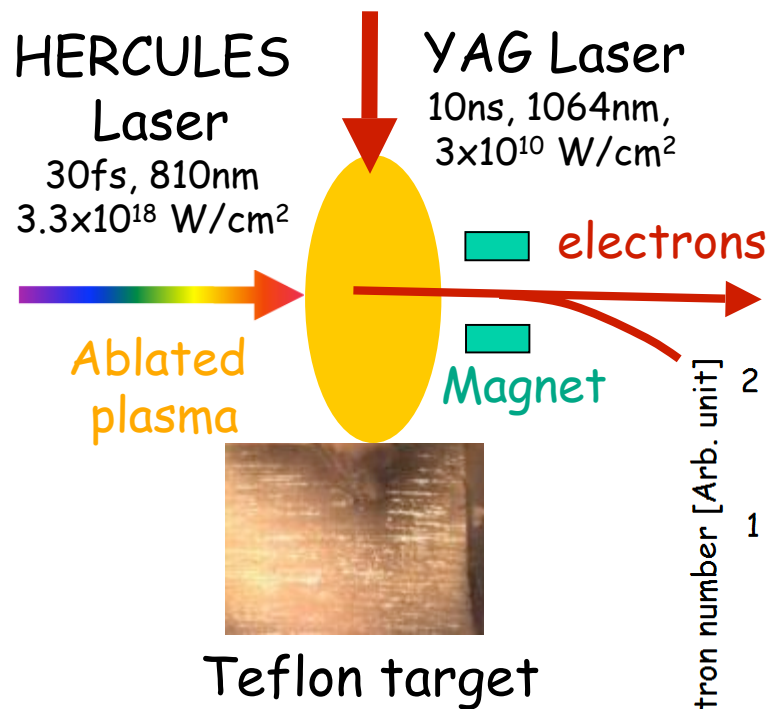


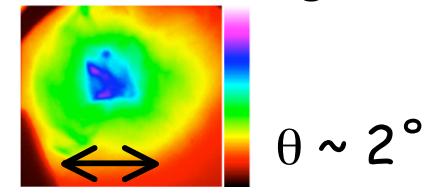
# Electron Acceleration in Laser-Ablated Plasmas Using Ultra Short Laser Pulses

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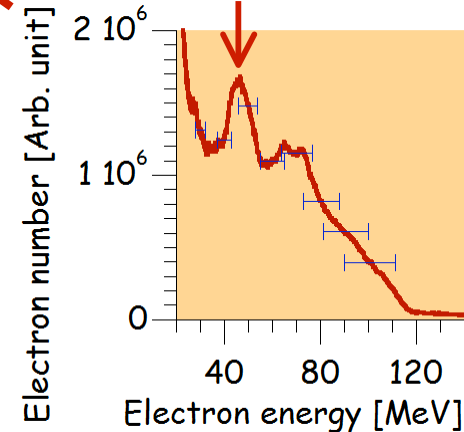
Electron wakefield acceleration was demonstrated by irradiating ablated plasmas with laser pulses from HERCULES system. A small amount of material released into vacuum from ablated plasma allows higher repetition rate operation compared with supersonic gas jets.



Collimated electron beam (no magnet)



Quasi mono-energy electron beam



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