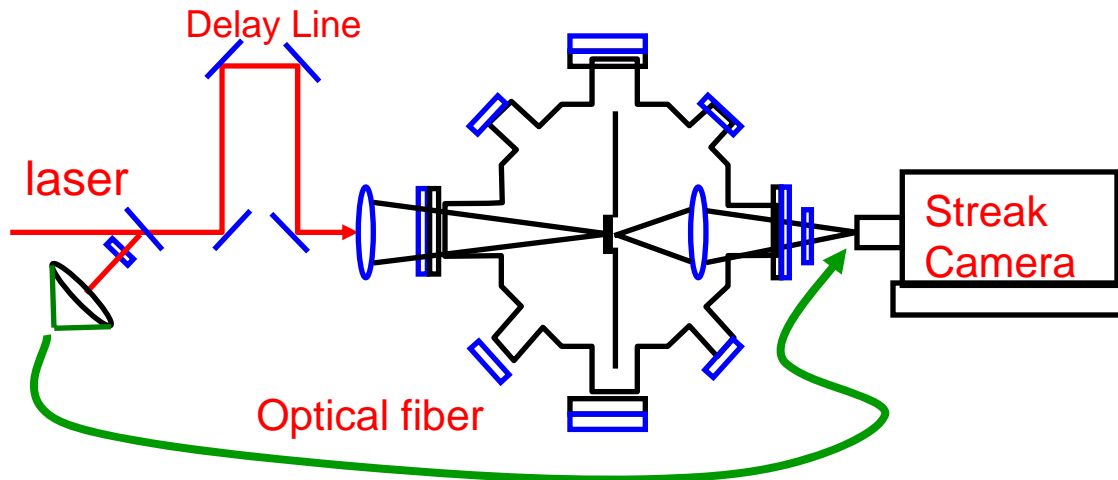
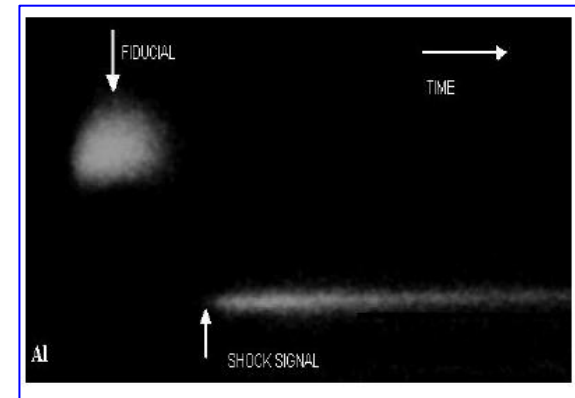


Equation of State Studies



Streak camera signal



Nd:glass laser 2J / 200 ps

Peak intensity $\sim 10^{14}$ w/cm²

Target : Al + Au foils

Shock Velocity $U_s = 1 - 2 \times 10^6$ cm / sec

Shock Pressure $P = 6 - 12$ Mbar

Results in agreement with Sesame tables

Laser and Particle Beams 21, 615 (2003)