

NSTX Li deposition & NBI loss

D. Darrow

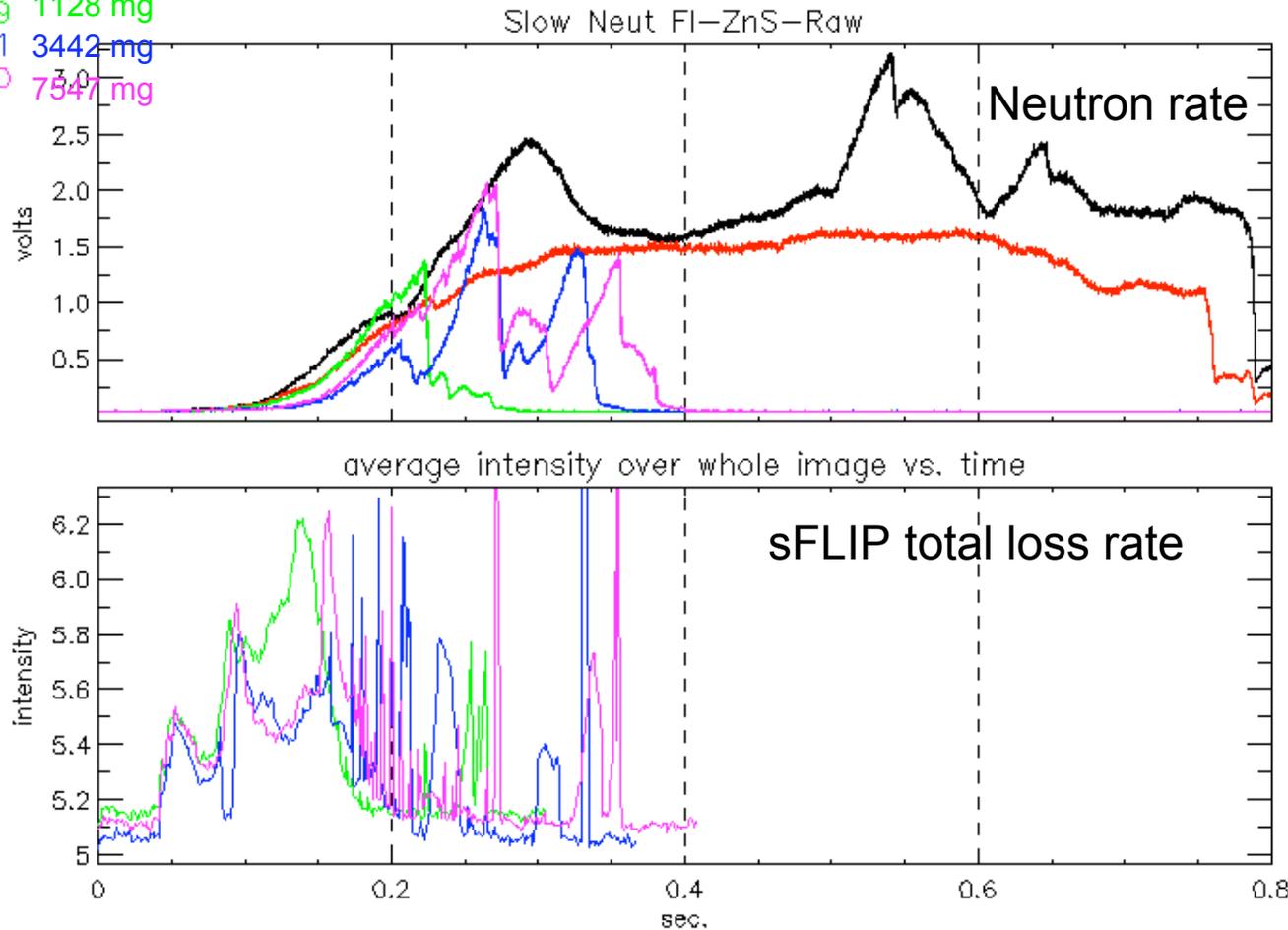
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Mixed indications on NB loss vs Li



More
Li ↓

Shots: 130 mg
123478
123482 510 mg
123509 1128 mg
123511 3442 mg
123520 7547 mg



- Neutron rate drops with increasing Li deposition
- But, measured NBI loss decreases with increasing Li

Shiny area on beam duct is suggestive of NBI loss

- Located on side of duct where beam ions would strike
- Radius of curvature of edge of spot comparable to beam ion gyroradius (~25 cm)