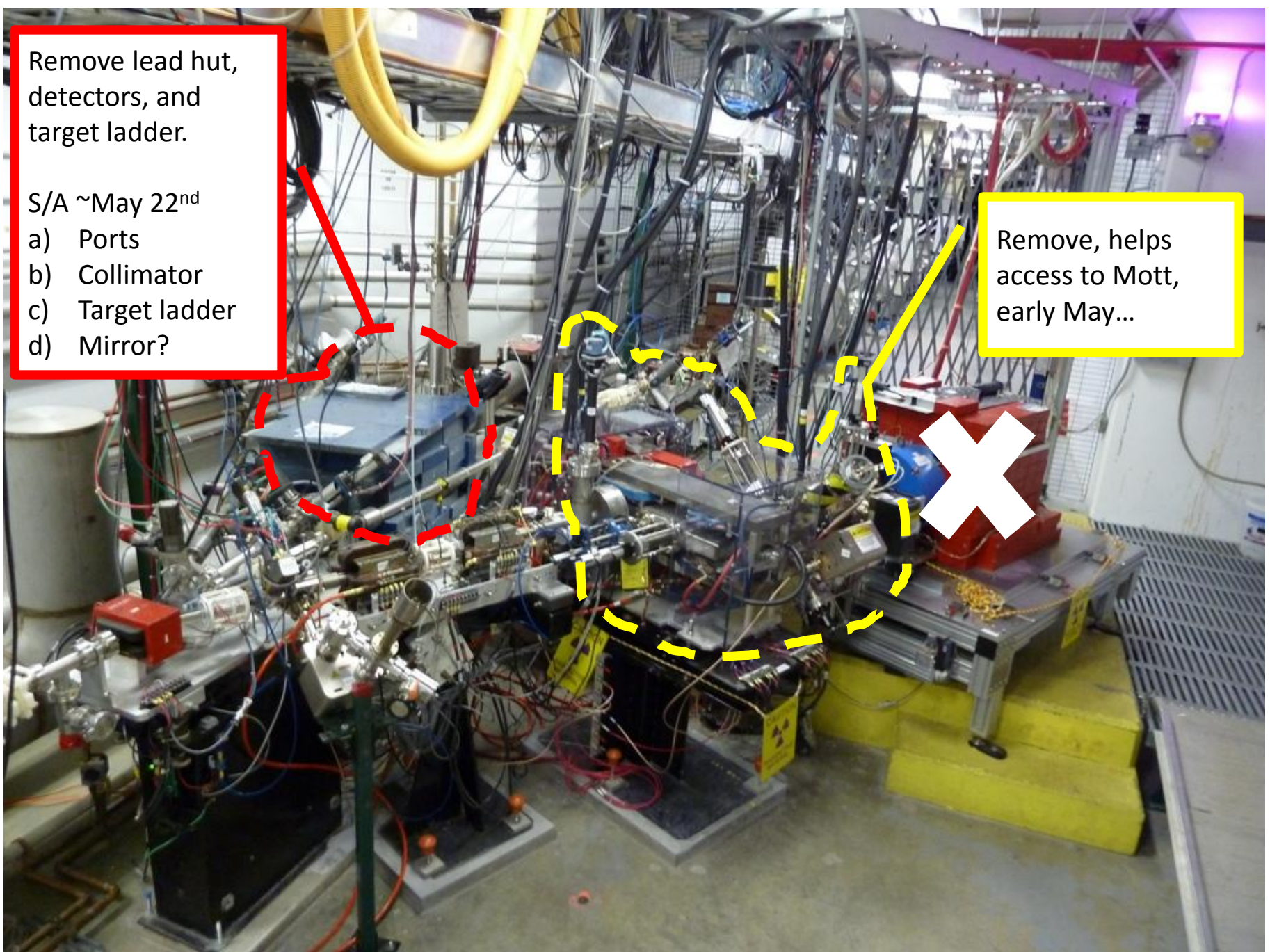


Remove lead hut,
detectors, and
target ladder.

S/A ~May 22nd

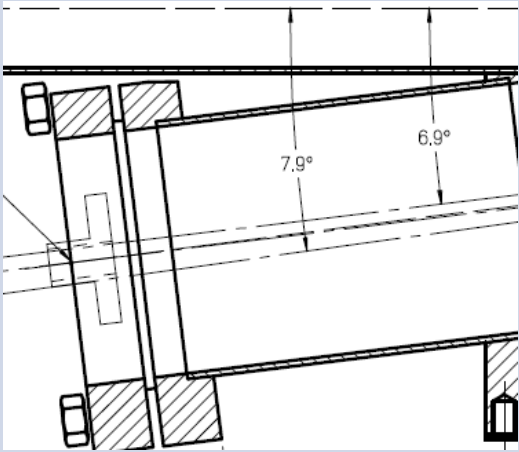
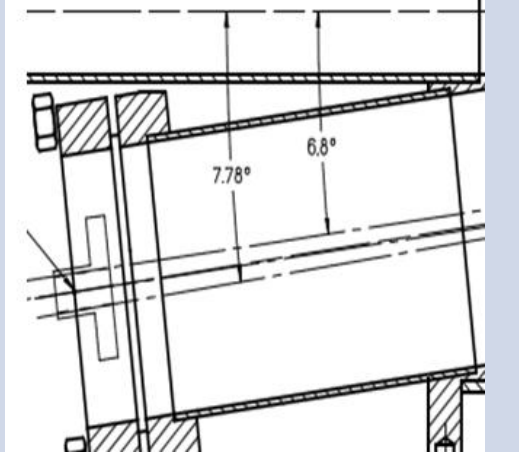
- a) Ports
- b) Collimator
- c) Target ladder
- d) Mirror?

Remove, helps
access to Mott,
early May...



Charlie's point: one would never want two competing acceptances.

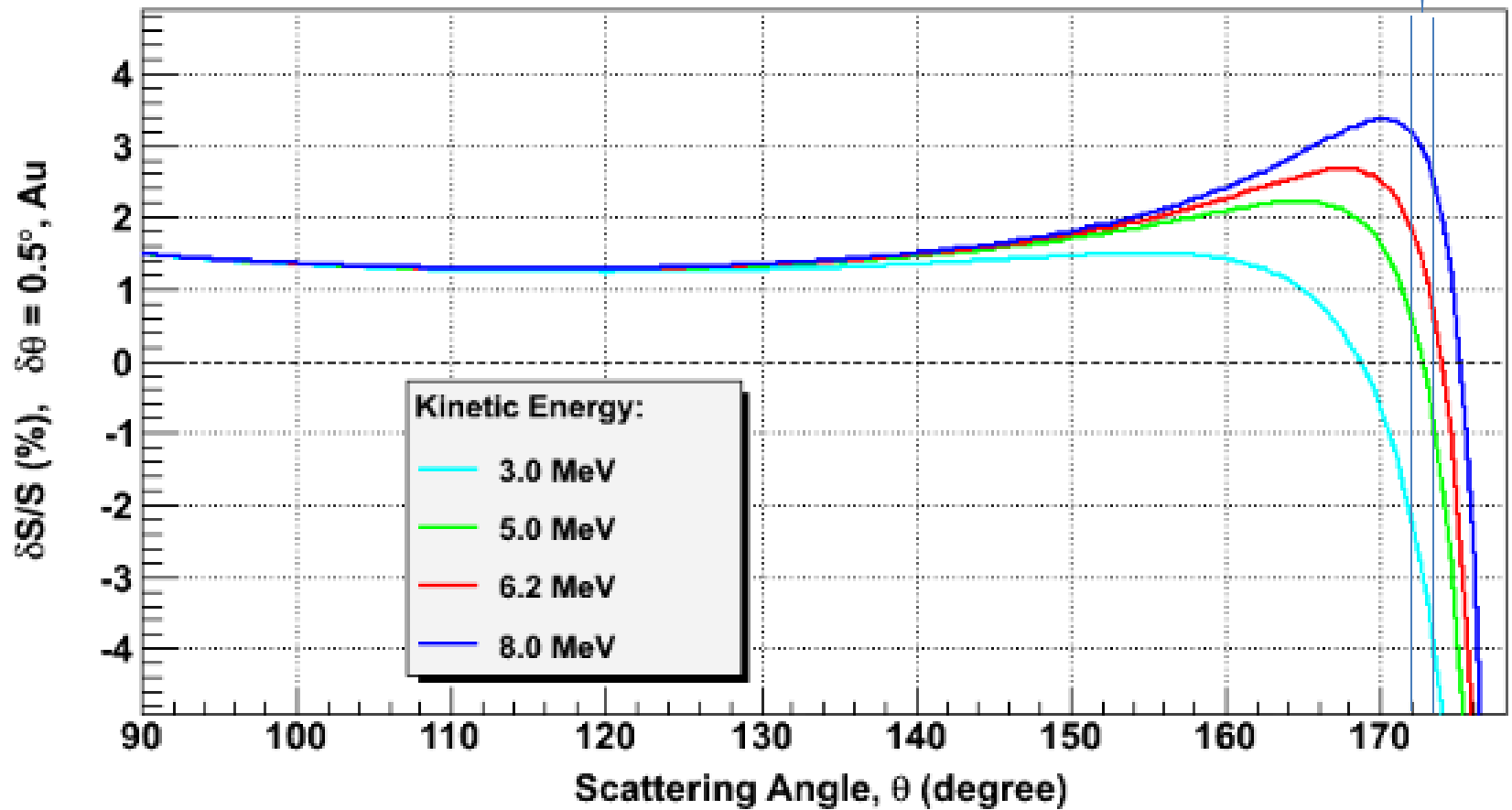
Internal collimator ($\phi=0.192''$) conditions reported:

Internal Collimator-Foil (Z)	10.972"	11.136"
Internal Central Angle	172.6 +/- 0.5 deg	172.7 +/- 0.5 deg
Internal Collimator Entrance	0.236 msr	0.230 msr
Projection at External Collimator		

The external collimator ($\phi=0.380''$) constrains the conditions too:

External Collimator-Foil (Z)	22.157"
External Central Angle	172.9 +/- 0.5 deg
External Collimator Entrance	0.228 msr

	172.0	172.1	172.2	172.3	172.4	172.5	172.6	172.7	172.8	172.9	173.0	173.1	173.2	173.3	173.4	173.5
Internal 10.972"		X	X	X	X	X	X	X	X	X	X	X				
Internal 11.136"			X	X	X	X	X	X	X	X	X	X	X			
External					X	X	X	X	X	X	X	X	X	X	X	



Conclusions???

Acceptance competition

=> make one smaller, give up some rate, increase current...

Collimator alignment (internal vs. external)

=> internal OK, but more effort and no tweaking

=> external, maybe do better, define at constant theta

Sherman function uncertainty vs. energy

=> smaller acceptance helps