

DRAGON Weekly Meeting Minutes 17 May 05

Present: DO (rec), JDA, MT, CV, WK, LB, JP, CR, BG, AP, AO, HC

Facility Stuff:

Ion Chamber is repaired and working
Charge State Booster is installed for 40C(alpha,gamma)

New upstream collimators have been installed that are centered
1 mm East of center to bring them on optical alignment.
This includes the 6mm gas cell entry collimator and the
6 in long collimator between the gas cell and TP2.

A test was done on the possibility of using the large short
collimator (25mm? 2 in long) for the Al(p,gamma) runs. It is located between
the gas cell and TP1. It is normally used on 12C(alpha,gamma) expt.
It was possible to reach 4.5 Torr hydrogen before IV11 closed due to
high pressures in the downstream end. Later it was possible to reach
6 Torr when pump temperature limits of 42 C were reached.

40C(alpha, gamma) CV

There is the possibility of only one overnight shift because Kiercey wishes
To install his new ion source starting Wednesday.
EPICS is down until at least noon for Franco to install new UPS supply.
Marco is tuning beam during the meeting.
There is pure Calcium in the ion source, as compared to Calcium Hydride used
in the January run. There is optimism because there are fewer peaks in the
spectrum.

The run plan is to tune 14 + with the CSB installed and no gas.
Then to look at the Ion Chamber and look for contamination.

If good, then switch to 44Ti recoils.

Experimenters are warned to use new quad calibrations and to scale Hall Probe
values and not DAC numbers for Q1 and Q6.

BGO calibration to be done by JP.

Ion Chamber work CO

Aluminum preparations CR