

DRAGON Group Meeting 21 March 06

Present DO (rec) CV CR MT GR JP LB JC CO AH PM ~~DA~~

Minutes of Mar 14, essentially OK

Preparations for $^{40}\text{Ca}(\alpha,\gamma)$

- IC installed and working, one preamp having been replaced
- ED's are conditioning
- Target leak repaired, CSB shutter still has to be installed
- DAQ changed for IC operation
- Ca beam on way, maybe beam by late afternoon
- Fan on blower installed, needs check out
- Safety approval pending from John Drozdof.

Alpha acceptance measurements JP CV

- Q1 seems happier at -5.1 percent low
- Sextupoles off gives better beam spot at mass slits
- Sextupoles off requires a change in ED2 by 1 percent to center beam

Discussion of other reactions to tune DRAGON with $^{13}\text{C}(p,g)$??

$^{12}\text{C}(\alpha,\gamma)$ LB

- Discussion of what to do
- Why is yield low a factor of 2?
- 5 percent makes no difference
- perhaps repeat the low 4+ resonance?
- Perhaps run ^{12}C after TUDA run, delay Ne running?
- Have a short planning meeting at another time

~~$^{27}\text{Al}(p,g)$~~ CR

Paper has been circulated
Comments and corrections are welcome