

Run Plan ^{24}Ne (268.9 keV/u, $E_{\text{cm}} = 258.6 \text{ keV}$)

- Tune ^{24}Ne beam through to end (no gas)
- Switch to attenuated beam
- Set PMT bias / CFD setting
- Use low β -buncher and do scan over voltages
- do a longer run of attenuated beam on MCP/PMT setup.
- Run with gas in?
- Things I could change:
 - MCP Thresh
 - MCP walk
 - CFD zero crossing setting
 - mirror biases

- Switch to SSSD, preferably at night so that vacuum has time to come down.

- Again with attenuated beam use low β -buncher.

→ This time there is a trade off b/w ΔE and Δt , need to investigate during run.

→ do run with attenuated beam to ensure ^{21}Ne comes in at mass 21

→ put gas in target, switch to recoils

→ 5+

→ 4.6 \leftrightarrow 4.9 Torr

→ 7 MeV gamma should give a good

BGO coinc. (50%)

- 5.1 MeV gamma (29%)