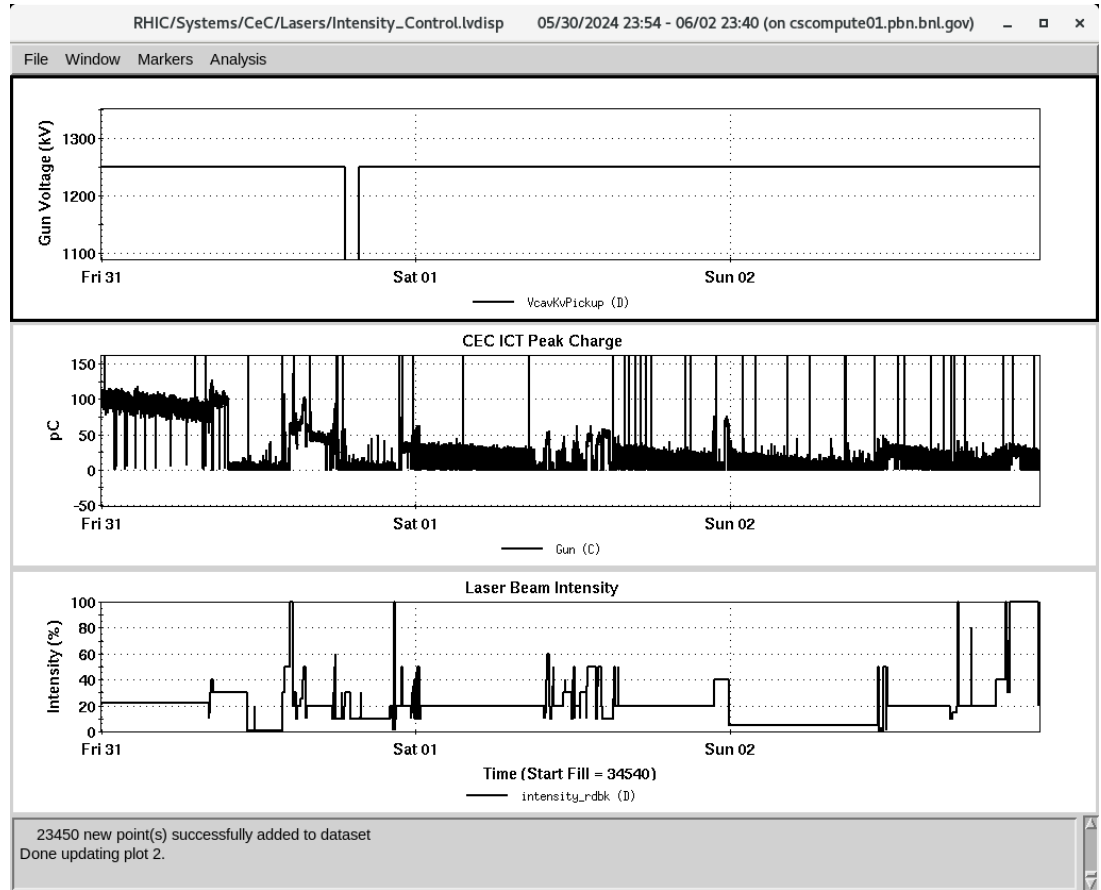


# CeC status – 6.4.24

- GaAs cathode survived high voltages (nominal 1.25 MV) in the SRF gun but QE dropped quickly.
  - New cathode will go in on maintenance
- Linac (704 MHz) conditioned to operational voltage (13.1 MV)
- Preliminary measurements showed laser beamlets (6 Gaussian beamlets) are reasonably aligned in time. Detailed study will be done with new cathode.



|            |            |      |      |      |       |
|------------|------------|------|------|------|-------|
| deg to ps  | 24.5821042 |      |      |      |       |
| beamlet #  |            |      |      |      |       |
|            | 1          | 2    | 3    | 4    | 5     |
|            | 87.6       | 90.6 | 93.1 | 96.4 | 100.3 |
|            |            |      |      |      |       |
| separation |            | 3    | 2.5  | 3.3  | 3.9   |
| in ps      |            | 74   | 61   | 81   | 96    |