**Wed 14 DAY**

QE scan <https://logbooks.jlab.org/entry/3317042>

Laser makes 499MHz and 62MHz <https://logbooks.jlab.org/entry/3317043>

500keV beam restored <https://logbooks.jlab.org/entry/3317036>

Set VWien=90 deg

Bunch scans at 62 MHz 1-10uA <https://logbooks.jlab.org/entry/3317058>

6.27 MeV/c beam restored <https://logbooks.jlab.org/entry/3317071>

Shift summary <https://logbooks.jlab.org/entry/3317067>

**Wed 14 SWING**

5.5 MeV/c beam setup <https://logbooks.jlab.org/entry/3317094>

Picoammeter readbacks slow <https://logbooks.jlab.org/entry/3317127>

SRF valve FSD bit stuck <https://logbooks.jlab.org/entry/3317127>

Mott runs for timing at 62MHz <https://logbooks.jlab.org/entry/3317130>

IHA2D00 works <https://logbooks.jlab.org/entry/3317133>

Riad's punchlist for Mott <https://logbooks.jlab.org/entry/3317137>

Testing bunchlength script <https://logbooks.jlab.org/entry/3317138>

Shift summary <https://logbooks.jlab.org/entry/3317139>

**Thu 15 DAY**

John improved laser polarization <https://logbooks.jlab.org/entry/3317175>

Laser profile on spiricon <https://logbooks.jlab.org/entry/3317183>

HVPS calibration (not used) <https://logbooks.jlab.org/entry/3317194>

**Thu 15 SWING**

Failed HWien setup <https://logbooks.jlab.org/entry/3317249>

IHA2D00 vs. capture phase <https://logbooks.jlab.org/entry/3317265>

Mott checkout at final 31MHz <https://logbooks.jlab.org/entry/3317282>

Shift summary <https://logbooks.jlab.org/entry/3317273>

**Fri 16 DAY**

reduced laser dc bias <https://logbooks.jlab.org/entry/3317317>

e- bunch v. laser phase <https://logbooks.jlab.org/entry/3317322>

iocin1 unresolved (too many process) <https://logbooks.jlab.org/entry/3317334>

e- bunch w/ PB=on v. chopper gang <https://logbooks.jlab.org/entry/3317336>

e- bunch w/ PB=on/off vs. chopper gang <https://logbooks.jlab.org/entry/3317337>

polarization set to flip-LEFT <https://logbooks.jlab.org/entry/3317338>

Shift summary <https://logbooks.jlab.org/entry/3317419>

**Fri 16 SWING**

viewer walk and good save <https://logbooks.jlab.org/entry/3317347>

BCM0L02-B calibrated 7uA + FSD <https://logbooks.jlab.org/entry/3317351>

qsUtility emittance test run <https://logbooks.jlab.org/entry/3317354>

BCM0L02-B cal values checked <https://logbooks.jlab.org/entry/3317359>

checked rf phases, beam on ITV2D00 <https://logbooks.jlab.org/entry/3317364>

optimized aperture to Mott <https://logbooks.jlab.org/entry/3317368>

Set Mott trigger delay <https://logbooks.jlab.org/entry/3317385>

Set Mott trigger delay <https://logbooks.jlab.org/entry/3317387>

Adjusted PMT E and dE <https://logbooks.jlab.org/entry/3317401>

Final PMT HV setpoints <https://logbooks.jlab.org/entry/3317405>

Beam lost to bad trims <https://logbooks.jlab.org/entry/3317408>

Study of target ladder position <https://logbooks.jlab.org/entry/3317427>

Analysis of Mott v. ladder position <https://logbooks.jlab.org/entry/3317426>

Former and new positions <https://logbooks.jlab.org/entry/3317428>

Shift summary <https://logbooks.jlab.org/entry/3317433>

**Sat 17 OWL**

Mott control screen updated <https://logbooks.jlab.org/entry/3317436>

orbit drift between chopper and A3 <https://logbooks.jlab.org/entry/3317437>

PITA scan: charge asym v. polarization <https://logbooks.jlab.org/entry/3317490>

new singular IN/OUT PITA voltage <https://logbooks.jlab.org/entry/3317483>

test new PITA voltage <https://logbooks.jlab.org/entry/3317497>

document detector rates & scope pics <https://logbooks.jlab.org/entry/3317502>

cannot change dE vs. HV ? <https://logbooks.jlab.org/entry/3317505>

nominal PMT HV restored <https://logbooks.jlab.org/entry/3317513>

Shift summary <https://logbooks.jlab.org/entry/3317522>

**Sat 17 DAY**

VWien spin dance (w/ Phi~0) <https://logbooks.jlab.org/entry/3317548>

Phi spin dance <https://logbooks.jlab.org/entry/3317574>

Final settings at (P,0,0) <https://logbooks.jlab.org/entry/3317579>

Final spin rotators at (P,0,0) <https://logbooks.jlab.org/entry/3317584>

Dump fraction study (1, 0.5, 0.05) <https://logbooks.jlab.org/entry/3317588>

Dump fraction results <https://logbooks.jlab.org/entry/3317599>

Shift summary <https://logbooks.jlab.org/entry/3317726>

**Sat 17 SWING**

A3 interception and MS/CP <https://logbooks.jlab.org/entry/3317628>

Runtimes for dP/P = 0.25 <https://logbooks.jlab.org/entry/3317676>

Asymmetry v. deadtime (foil 15) <https://logbooks.jlab.org/entry/3317688>

Foil #16 (10mm) tested <https://logbooks.jlab.org/entry/3317704>

QE measurement <https://logbooks.jlab.org/entry/3317705>

Foil#3 0.87 um Au Runs started <https://logbooks.jlab.org/entry/3317688>

Mott disk full <https://logbooks.jlab.org/entry/3317724>

Dump and elastic rates <https://logbooks.jlab.org/entry/3317728>

Mott disk resolved <https://logbooks.jlab.org/entry/3317734>

Foil#3 0.87 um Au Runs finished <https://logbooks.jlab.org/entry/3317732>

Shift summary <https://logbooks.jlab.org/entry/3317727>

**Sun 18 OWL**

Dump and elastic rate plot <https://logbooks.jlab.org/entry/3317735>

Foil#15 1.00 um stability runs <https://logbooks.jlab.org/entry/3317741>

Foil#4 0.75 um + stability runs <https://logbooks.jlab.org/entry/3317760>

Foil#2 0.62 um + stability runs <https://logbooks.jlab.org/entry/3317780>

Foil#5 0.50 um + stability runs <https://logbooks.jlab.org/entry/3317802>

Foil#14 0.35 um + stability runs <https://logbooks.jlab.org/entry/3317822>

Polarization v. threshold <https://logbooks.jlab.org/entry/3317828>

Threshold tests <https://logbooks.jlab.org/entry/3317831>

Shift summary <https://logbooks.jlab.org/entry/3317827>

**Sun 18 DAY**

Dump events v. high threshold <https://logbooks.jlab.org/entry/3317838>

QE measurement <https://logbooks.jlab.org/entry/3317843>

Foil#8 0.35 um runs <https://logbooks.jlab.org/entry/3317849>

Foil#15 1.00 um stability runs <https://logbooks.jlab.org/entry/3317855>

Foil#1 0.22 um <https://logbooks.jlab.org/entry/3317870>

Foil#15 1.00 um stability runs <https://logbooks.jlab.org/entry/3317877>

Shift summary <https://logbooks.jlab.org/entry/3317923>

**Sun 18 SWING**

Preliminary target thickness plot <https://logbooks.jlab.org/entry/3317904>

Foil#12 0.05 um runs <https://logbooks.jlab.org/entry/3317907>

Foil#15 1.00 um stability runs <https://logbooks.jlab.org/entry/3317911>

Foil#13 0.05 um runs <https://logbooks.jlab.org/entry/3317933>

Foil#15 1.00 um stability runs <https://logbooks.jlab.org/entry/3317943>

Test IHA0L03 <https://logbooks.jlab.org/entry/3317951>

Test foil#11 0.04um <https://logbooks.jlab.org/entry/3317957>

Shift summary <https://logbooks.jlab.org/entry/3317955>

**Mon 19 OWL**

Test MQJ0L02/IHA0L03 emittance <https://logbooks.jlab.org/entry/3317963>

Set low -25mV threshold <https://logbooks.jlab.org/entry/3317965>

QE measurement <https://logbooks.jlab.org/entry/3317966>

Spectra scans (0.05-0.35) Runs 8100-8105

Charge asymmetry measurements <https://logbooks.jlab.org/entry/3318033>

Dump dipole summary <https://logbooks.jlab.org/entry/3318036>

Shift summary <https://logbooks.jlab.org/entry/3318062>

**Mon 19 DAY**

Increased threshold 25mV to 100mV <https://logbooks.jlab.org/entry/3318068>

QE measurement <https://logbooks.jlab.org/entry/3318100>

Asymmetry v. position foil#15 1 um <https://logbooks.jlab.org/entry/3318103>

Chopper 1X faulted & reset <https://logbooks.jlab.org/entry/3318111>

injector phase or orbit drfit <https://logbooks.jlab.org/entry/3318125>

Asymmetry v. position foil#1 0.22 um <https://logbooks.jlab.org/entry/3318137>

IPM SOF's logged <https://logbooks.jlab.org/entry/3318146>

Shift summary <https://logbooks.jlab.org/entry/3318217>

**Mon 19 SWING**

Momentum measurement part 1 <https://logbooks.jlab.org/entry/3318147>

Momentum measurement part 1 <https://logbooks.jlab.org/entry/3318151>

Momentum measurement part 1 <https://logbooks.jlab.org/entry/3318152>

Updated preliminar target thickness <https://logbooks.jlab.org/entry/3318158>

Test MQJ0L02/IHA0L03 emittance (Y) <https://logbooks.jlab.org/entry/3318160>

Setting spot size with Elegant <https://logbooks.jlab.org/entry/3318168>

Asymmetry v. spot size <https://logbooks.jlab.org/entry/3318205>

Calibrate IHA2D00 v. dipole (energy) <https://logbooks.jlab.org/entry/3318208>

IHA2D00 v. 0L02-8 <https://logbooks.jlab.org/entry/3318212>

Asymmetry v. energy spread settings <https://logbooks.jlab.org/entry/3318231>

Asymmetry v. energy spread results <https://logbooks.jlab.org/entry/3318235>

Momentum measurement part 2 <https://logbooks.jlab.org/entry/3318237>

Mott Run 1 ends <https://logbooks.jlab.org/entry/3318238>

Shift summary <https://logbooks.jlab.org/entry/3318216>