Magnet power supply functions
Video Frame Grabber functions
PopIn and Video switching
Laser control
RF control

atf_dll_version(0) = 0.23

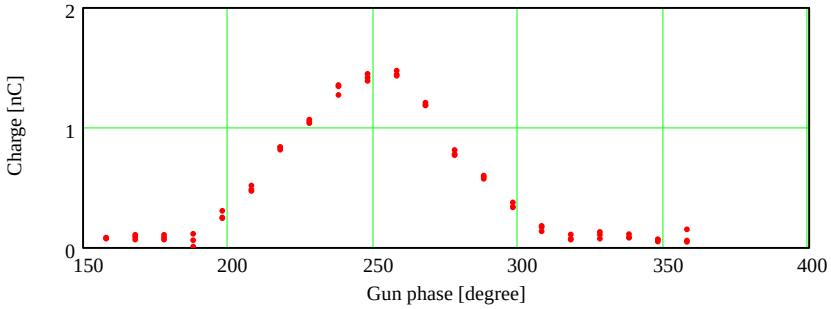
atf_gpib_init(1,8) = 0

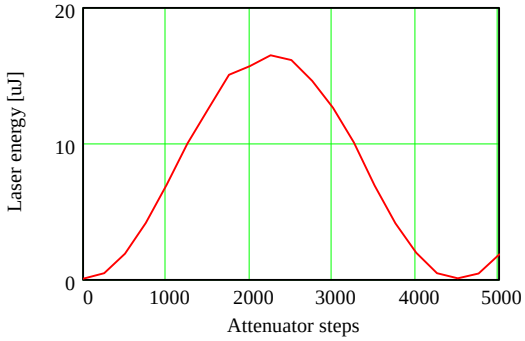
atf_host_connect(str2vec("bnlatc.atf.bnl.gov"),503) = 0

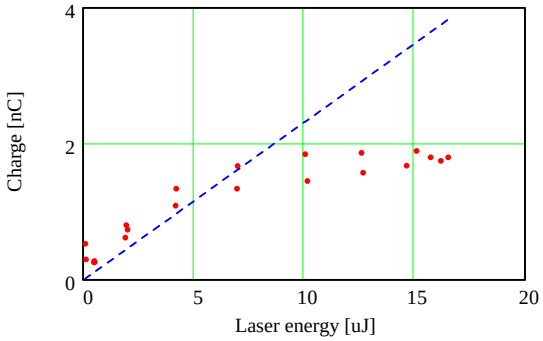
atf_sleep(660) = 0

Laser intensity scan
Charge VS. Gun phase scan

atf_host_disconnect(0) = 0







MaxLaserEnergy = 16.548498 uJ NomLaserEnergy = 4.860415 uJ

QuantumEfficency = 0.232035 nC/uJ

Maximum charge [nC]: MaxCharge = 1.48

@ Laser energy [uJ]: LaserEnergyMean = 4.845423

Std. deviation [%] LaserEnergyStdDev = 1.751066

Peak to Peak [%]: LaserEnergyPeak2Peak = 8.079707

@ Gun Phase [deg]: MaxGunPhase = 257.8672

Nominal charge [nC]: NomCharge = 0.07728

@ Gun Phase [deg]: NomGunPhase = 197.8672

Gun Forward Power [Volts]: GunFrwdPower =