

- ▶ 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

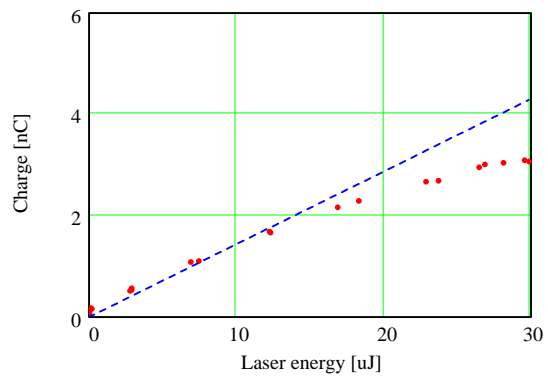
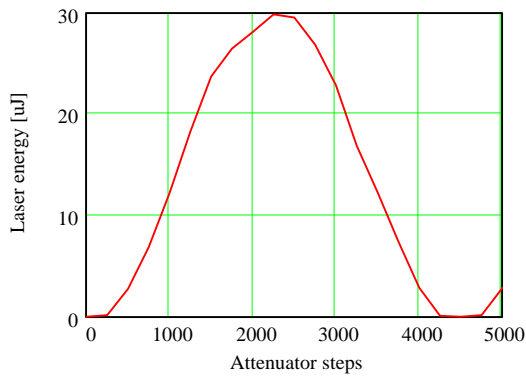
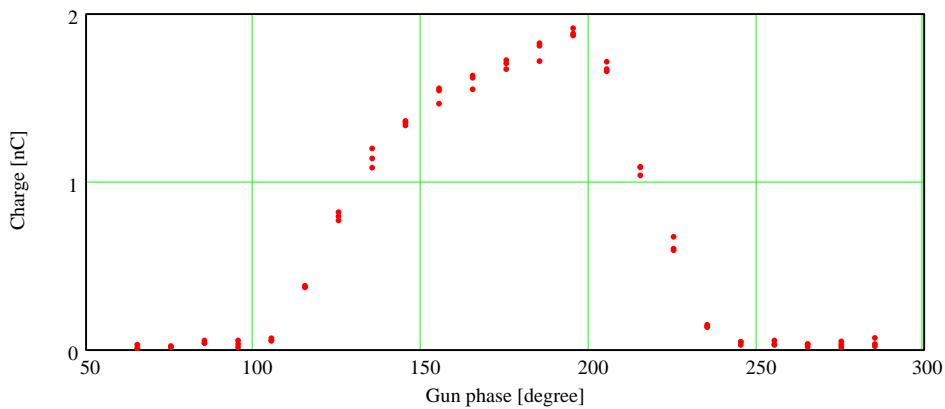
atf_host_connect(str2vec("bnlatc.atf.bnl.gov"), 502) = 0

atf_sleep(660) = 0

- ▶ Laser intensity scan

- ▶ Charge VS. Gun phase scan

atf_host_disconnect(0) = 0



MaxLaserEnergy = 30.075186 uJ

NomLaserEnergy = 12.49251 uJ

QuantumEfficiency = 0.143529 nC/uJ

Maximum charge [nC]: MaxCharge = 1.9146

@ Laser energy [uJ]: LaserEnergyMean = 13.088282

Std. deviation [%] LaserEnergyStdDev = 3.14639

Peak to Peak [%]: LaserEnergyPeak2Peak = 13.69049

@ Gun Phase [deg]: MaxGunPhase = 195.2472

Nominal charge [nC]: NomCharge = 1.15668

@ Gun Phase [deg]: NomGunPhase = 135.2472

Gun Forward Power [Volts]: GunFrwdPower = -1.128

