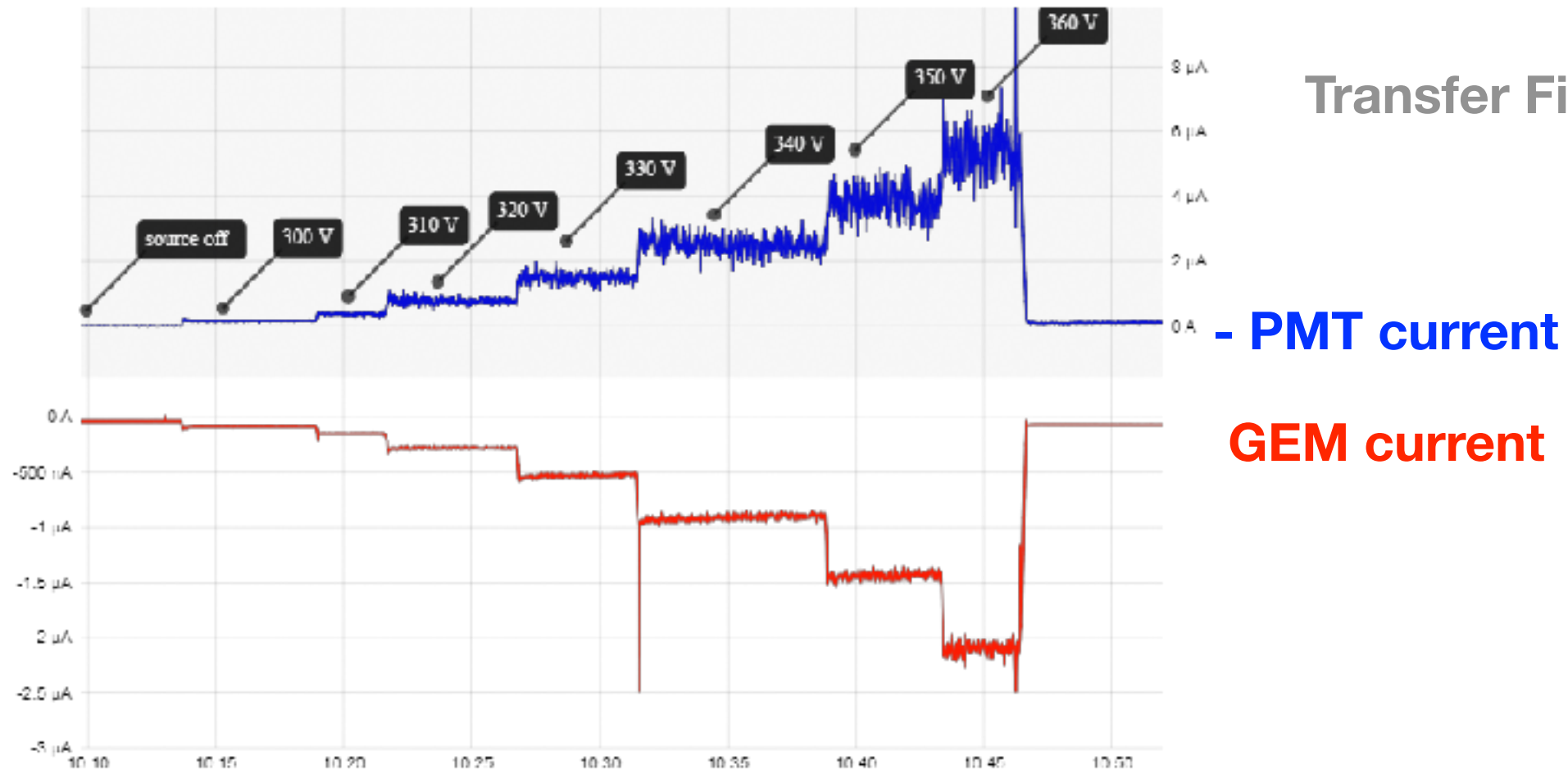


Misure Orange

He - CF4 (60-40)

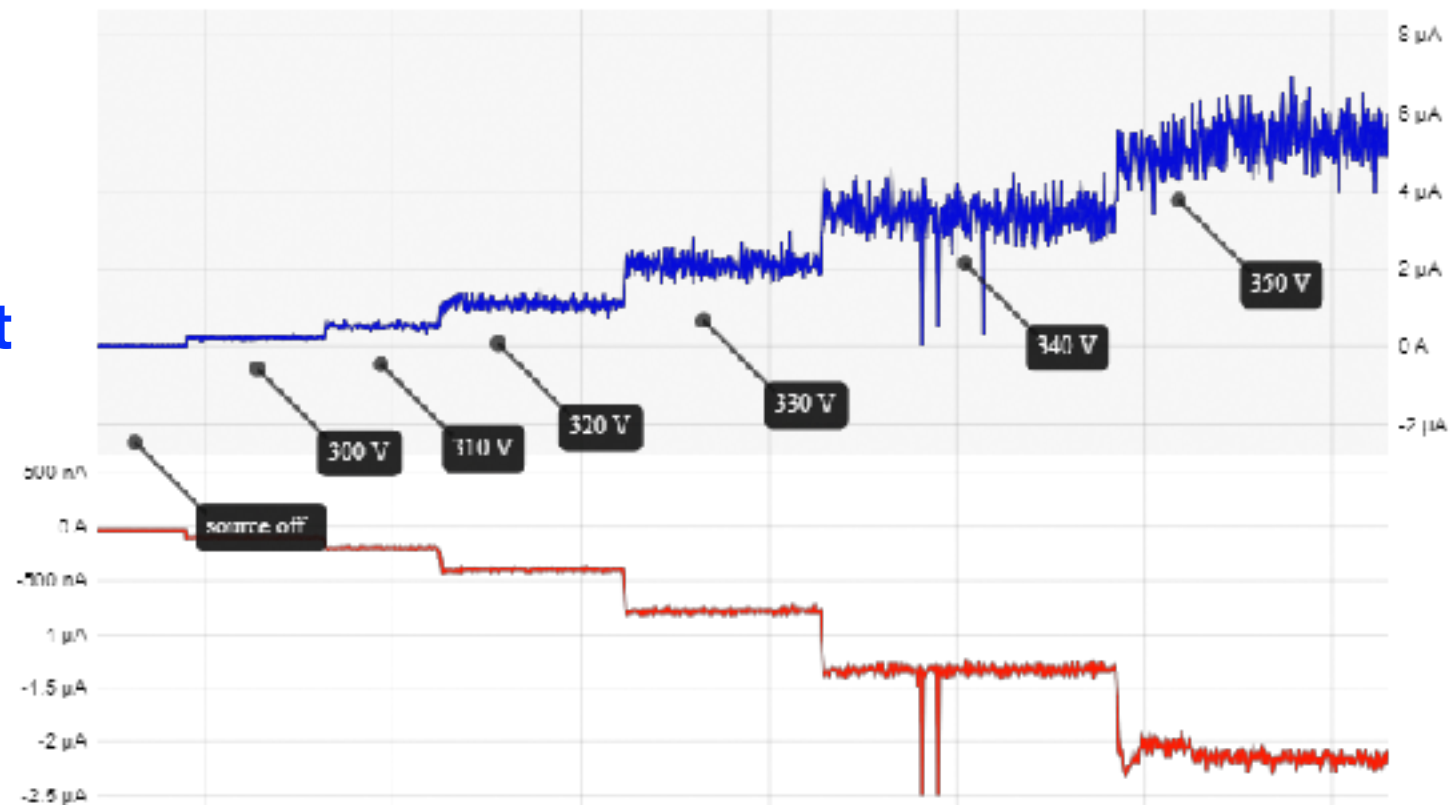
Transfer Field 1.5 kV/cm



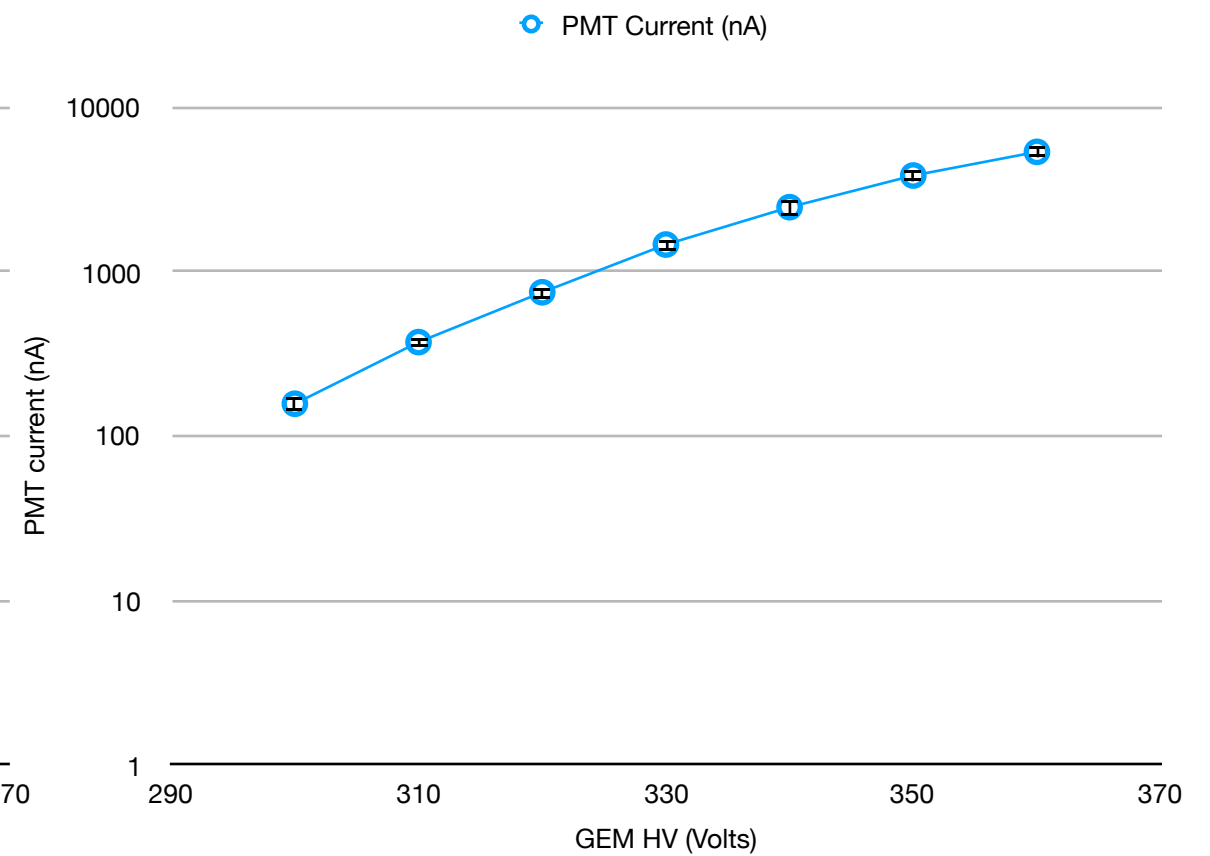
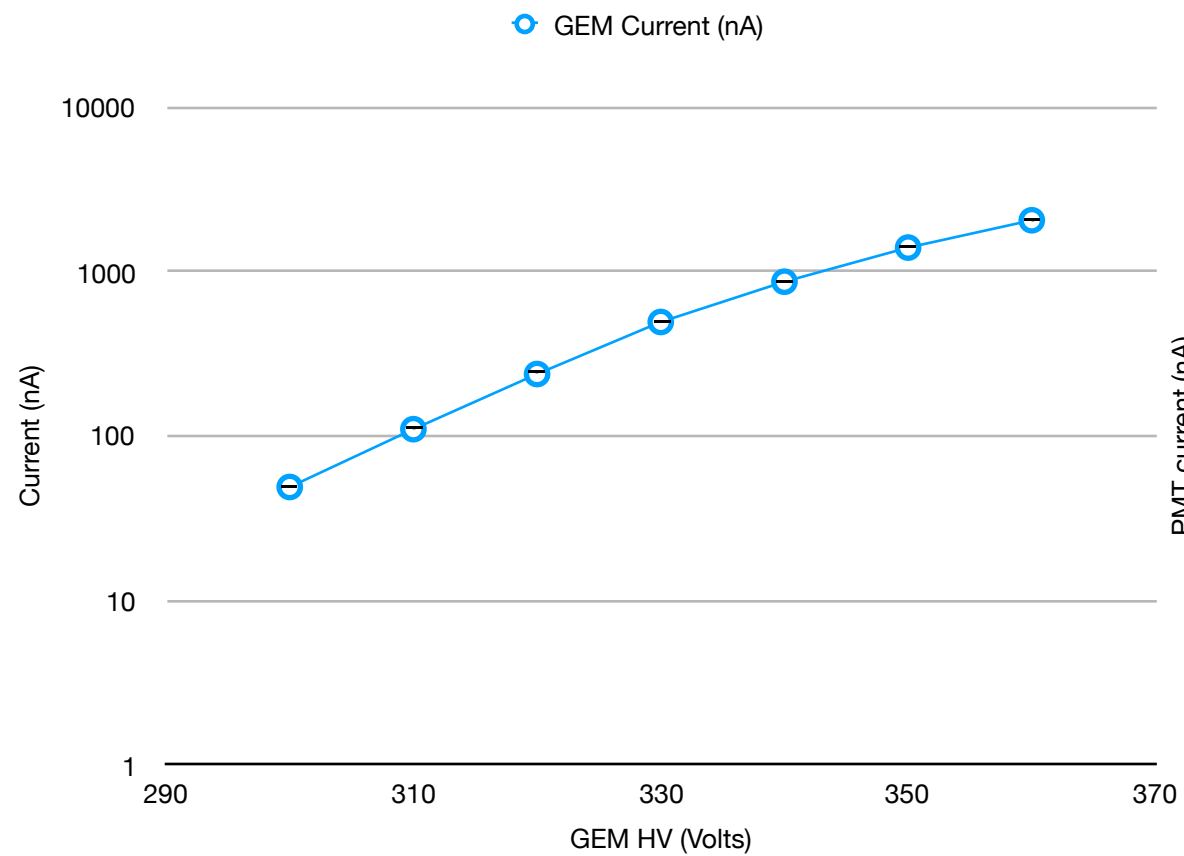
Transfer Field 2 kV/cm

- PMT current

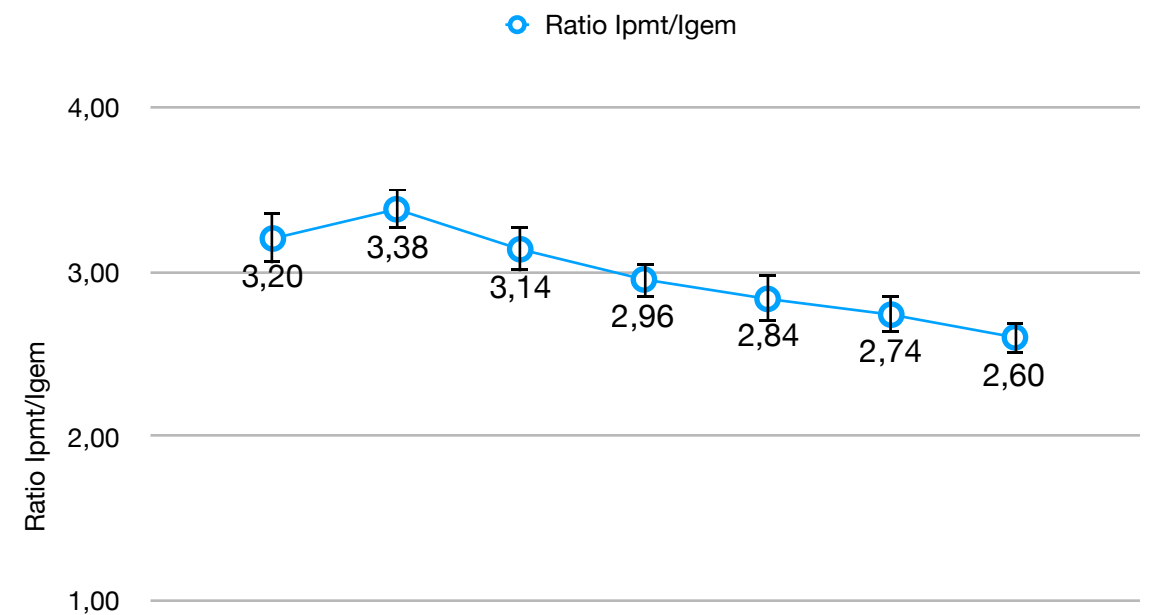
GEM current



He-CF4 (60-40)

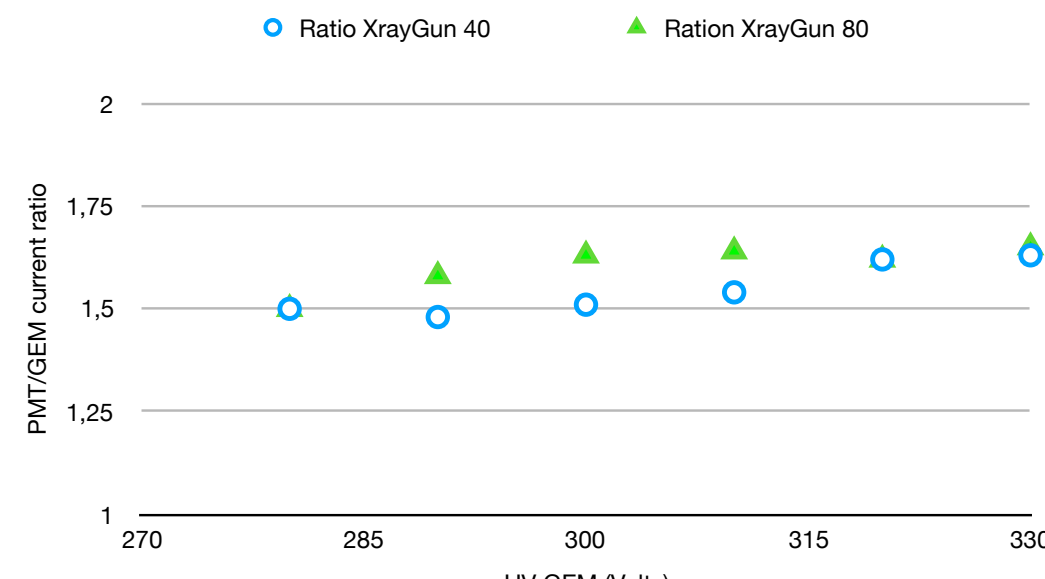
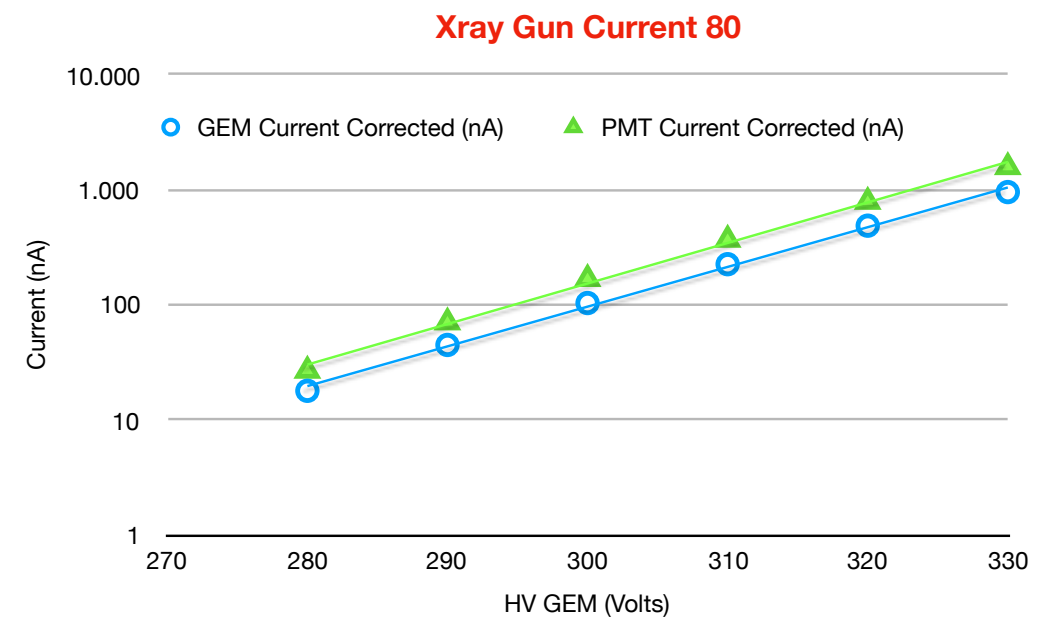
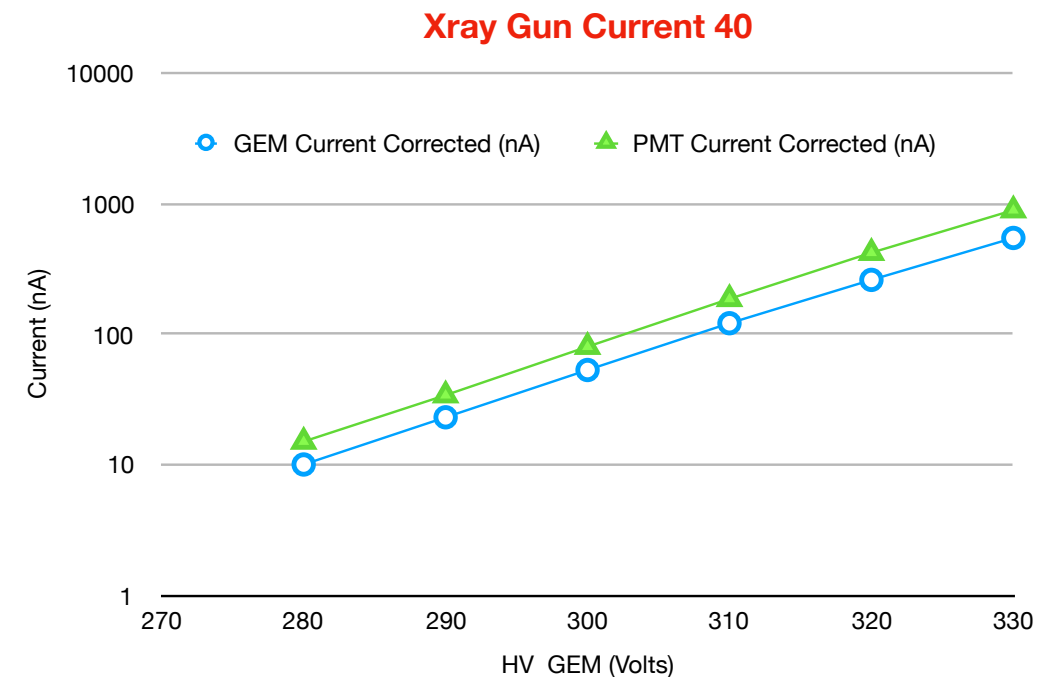


VPMT = 800 Volts
Transfer field = 1.5 kV
(Plot con 2 KV in progress)
Drift field = 1 kV/cm



Misure Ar-CO2 (70-30)

- VPMT = 1400 Volts
- Transfer Field = 1.5 kV/cm
- Vcathode = 3600
- Xray gun in a different position with respect to previous test



Next steps

- I test fatti finora sono stati eseguiti con una bombola di gas pre-miscelata (He-CF₄)
- In progress: setup del sistema di mixing
- Dopodomani se possibile ripetizione test con mix He-CF₄ 60-40 ma con mix fatto in laboratorio
- Prossima settimana primi test con HFO