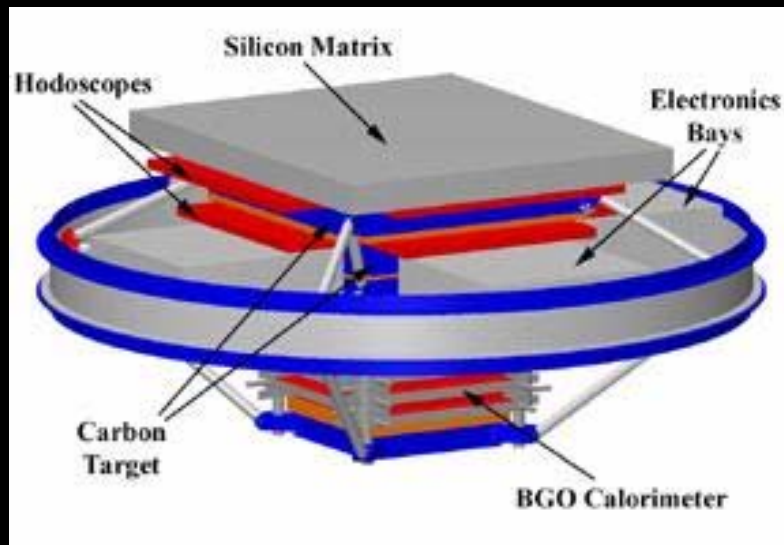


ATIC experiment

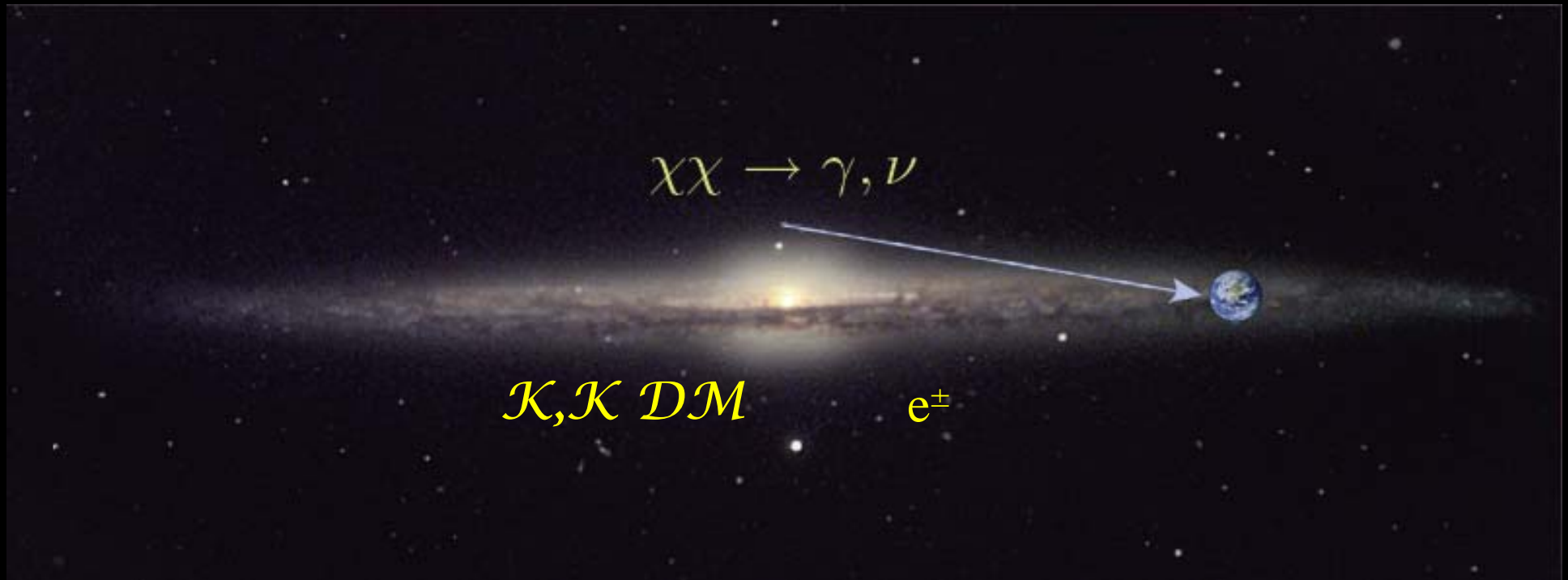
*Mikhail Panasyuk
for ATIC collaboration*

p - up to tens TeV
e - up to one TeV

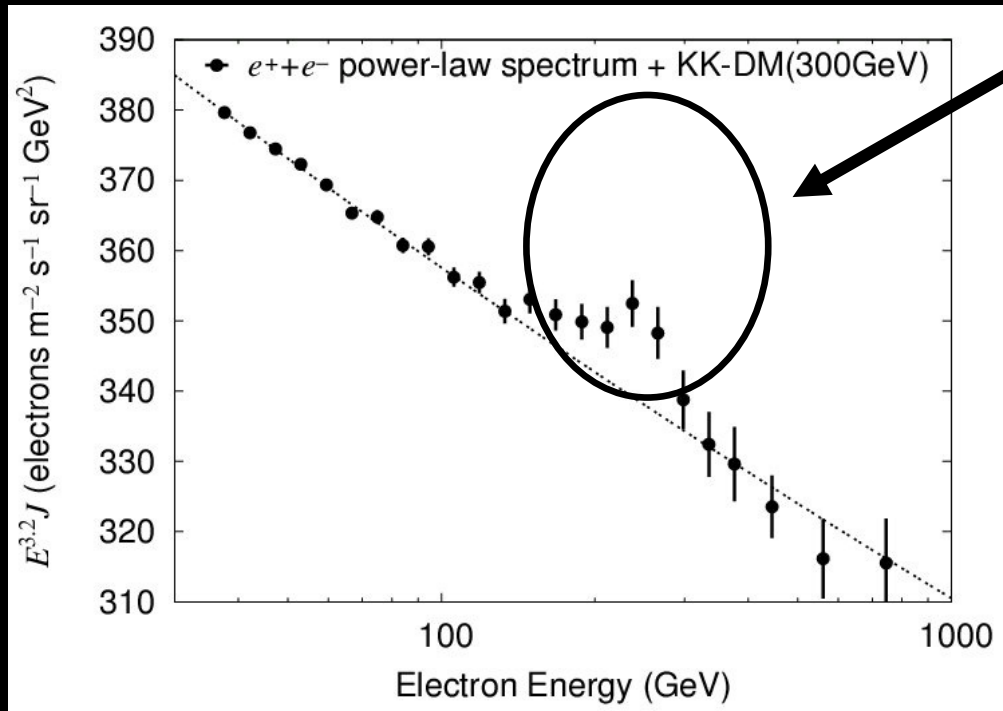
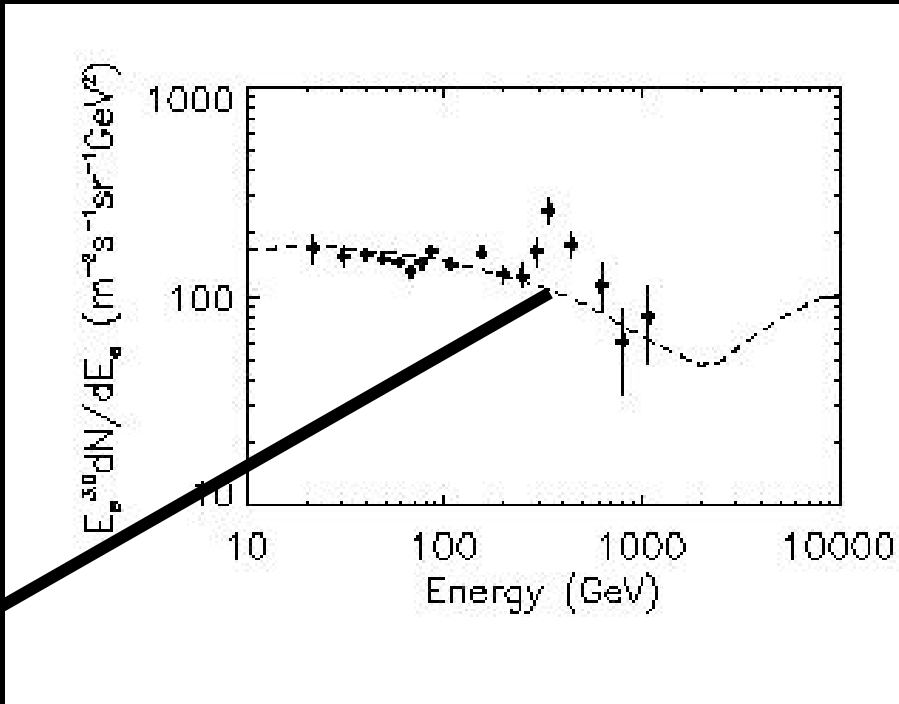
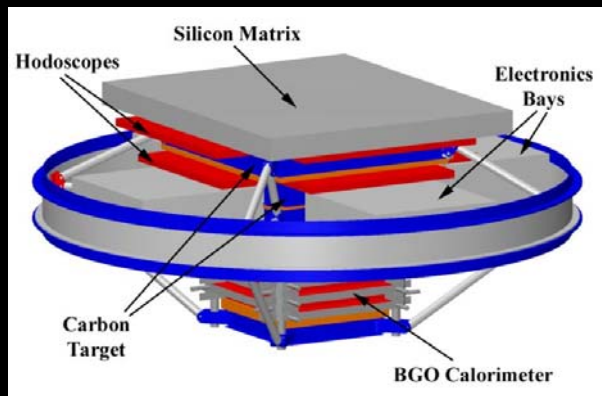


Antarctica, McMurdo

Dark matter signal



Dark Matter Search by Positrons (& Electrons)



ATIC results

H.C. Cheng et al., PRL 2002,2005.

ECAL to fly in 2008

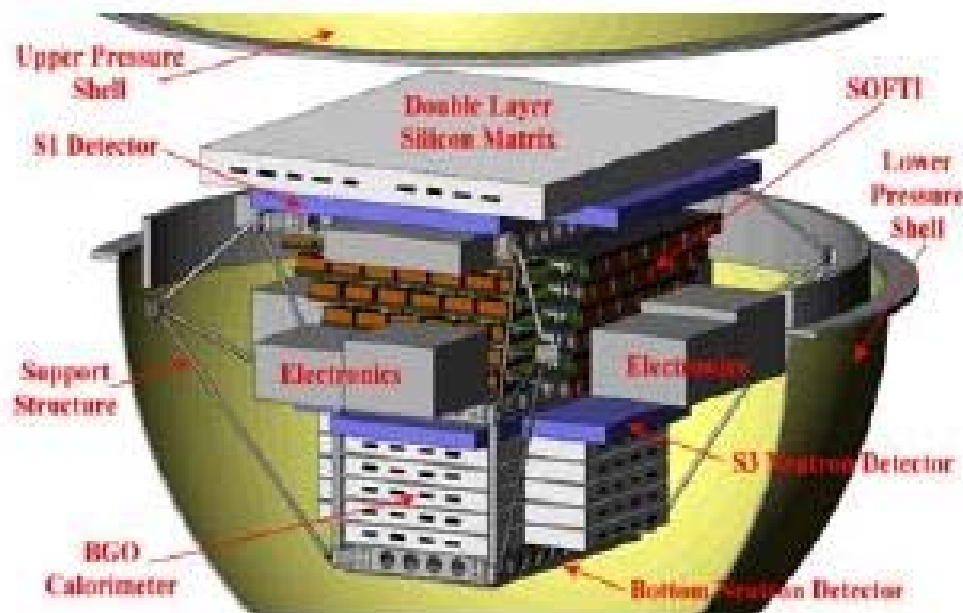


Fig. 1: Diagram of the ECAL concept payload

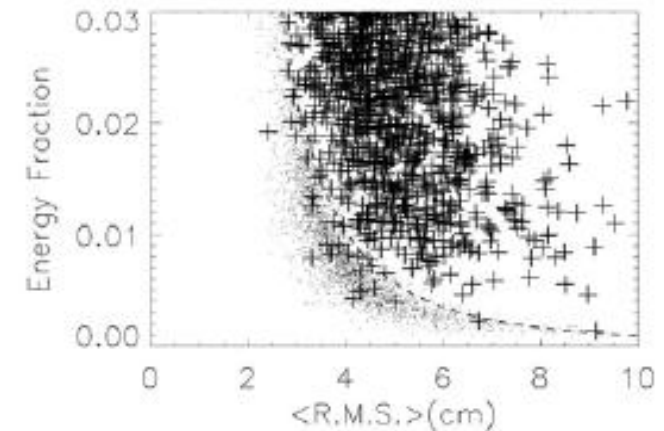


Fig. 4: Separation of electrons (dot) and protons (cross)

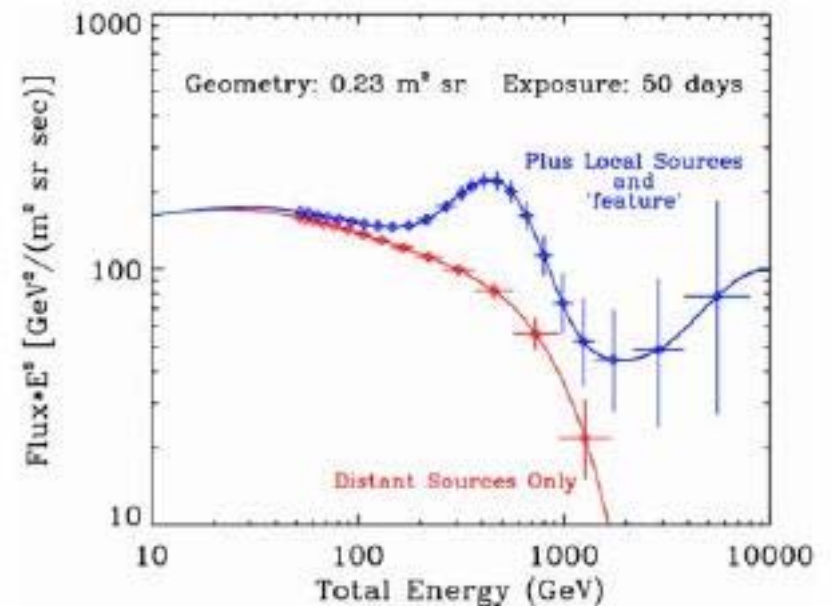


Fig. 5: ECAL expected results"