

# Estimation of energy levels for cosmic rays affected during a Forbush decrease from data from the LAGO Observatory

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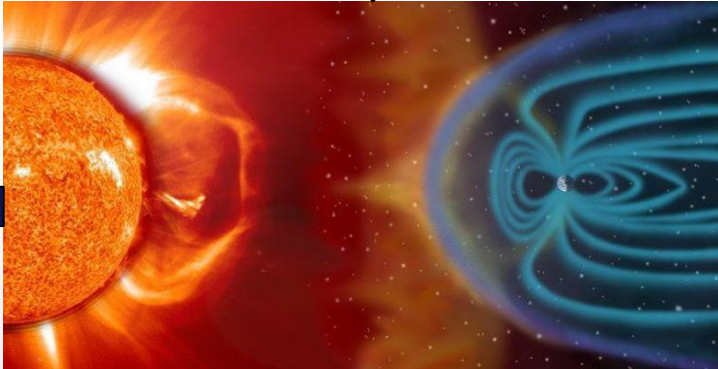
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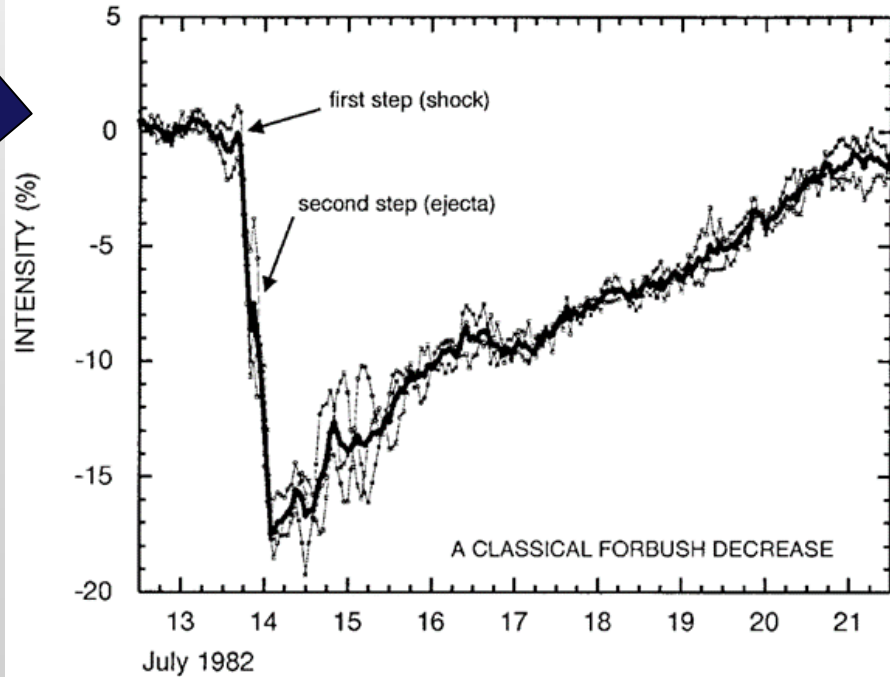


# THE AIM

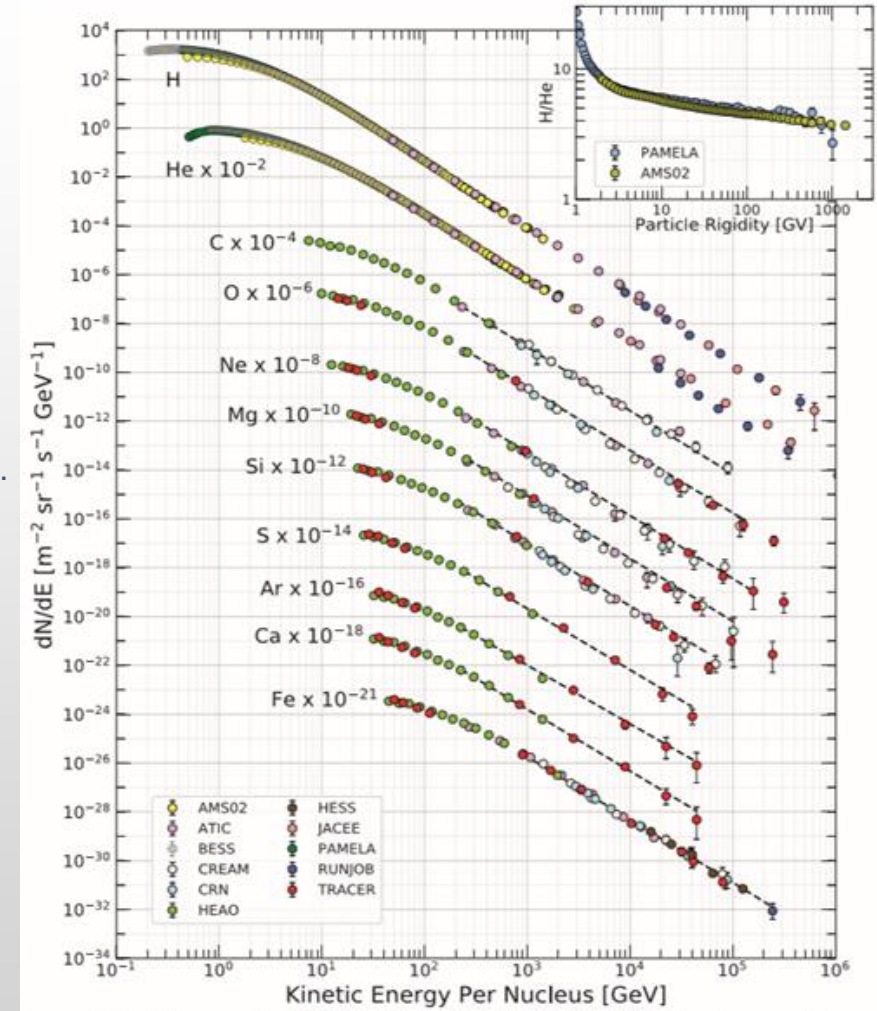


[<https://a21.com.mx/aeroespacial/2017/10/06/que-lance-de-mexico-ante-el-clima-espacial>]

Percent decrease in Neutron count during a Forbush decrease event, recorded in July 1982.



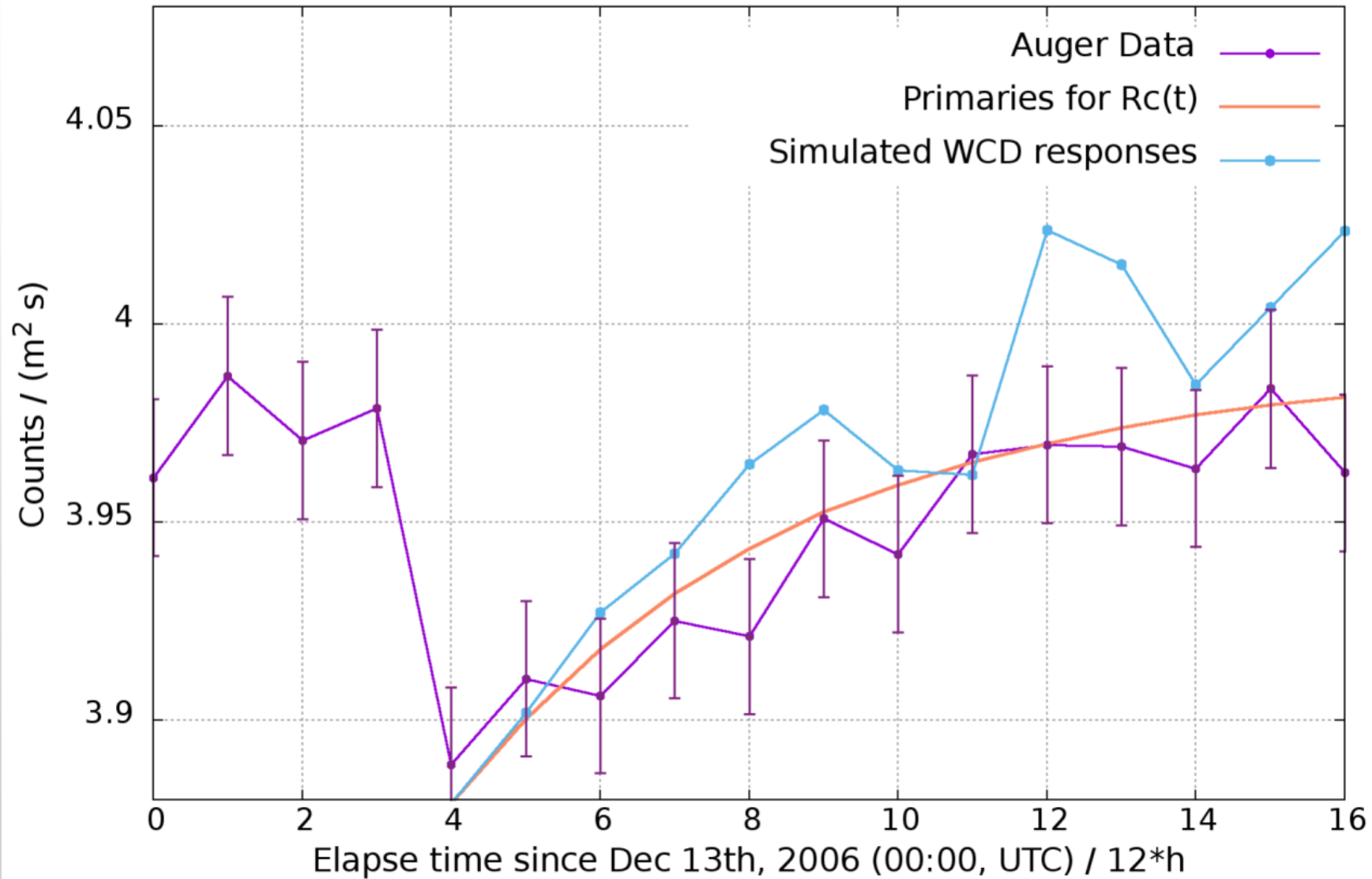
[Cane, H. Coronal Mass Ejections and Forbush Decreases. Space Science Reviews]



What primaries are affected during an FD event?



# METHODOLOGY

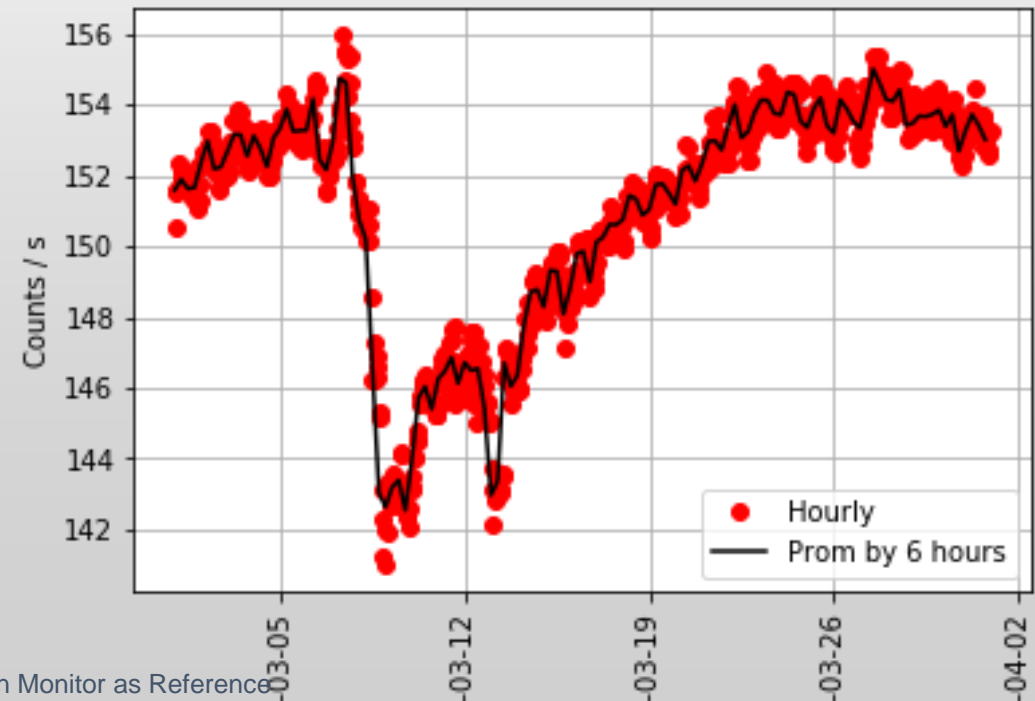
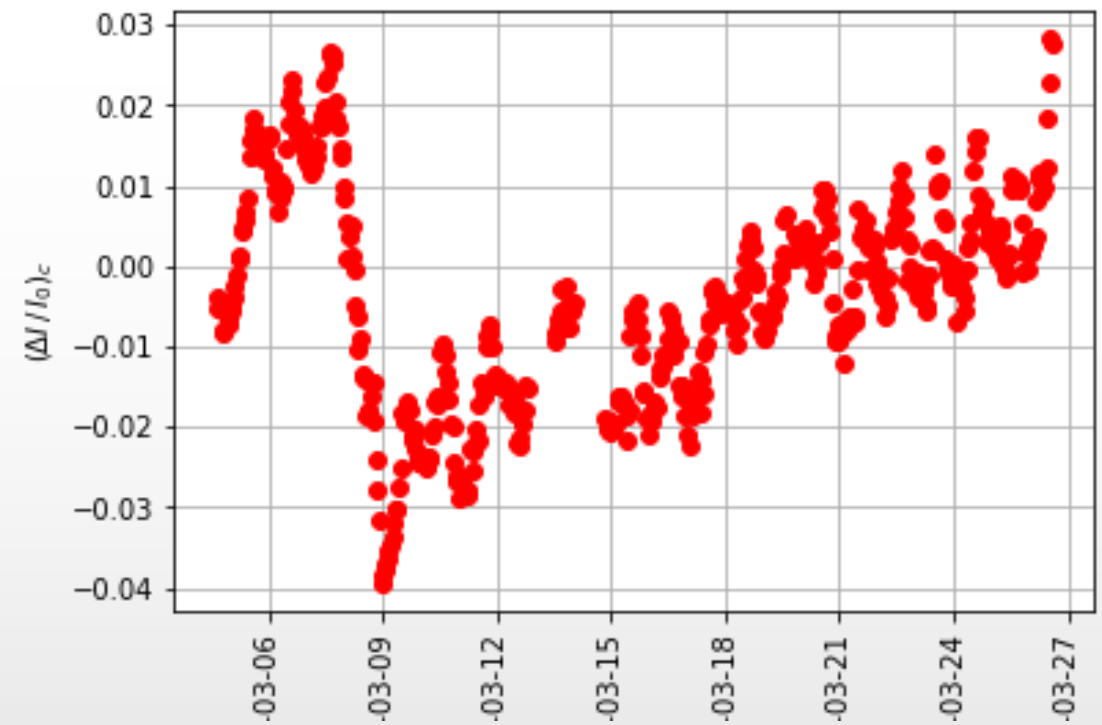
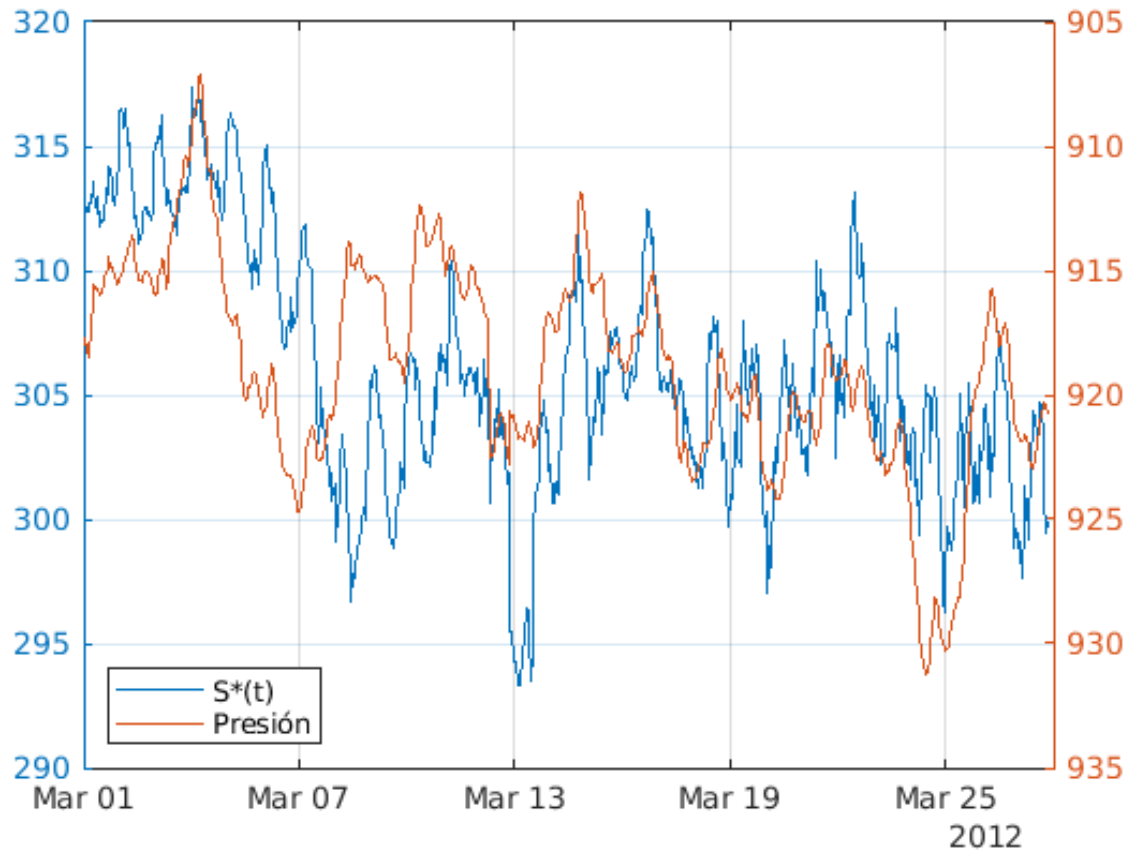


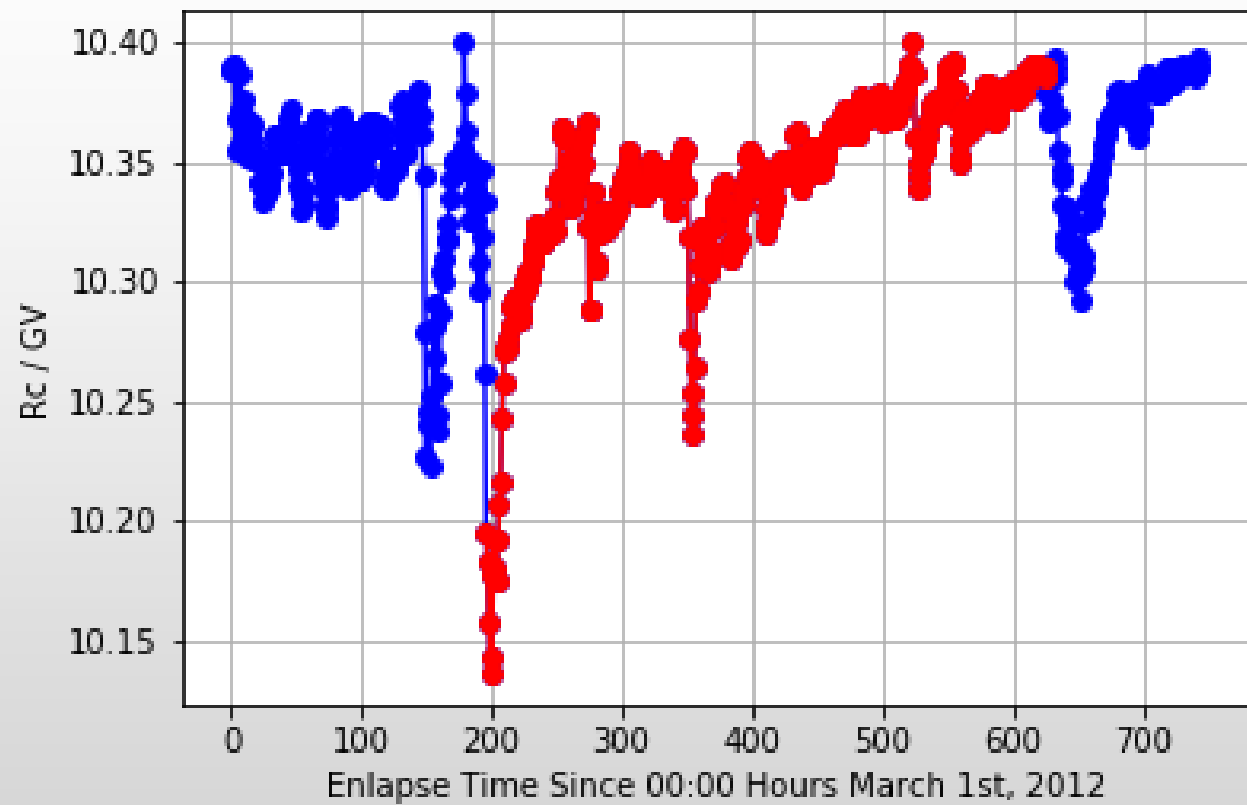
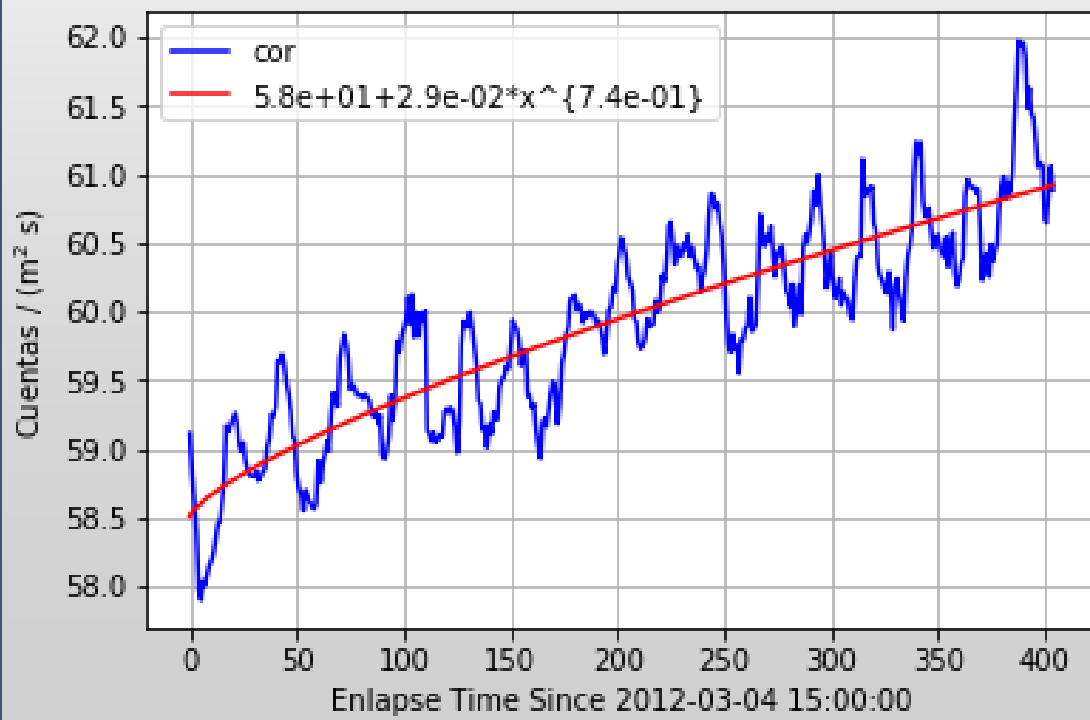
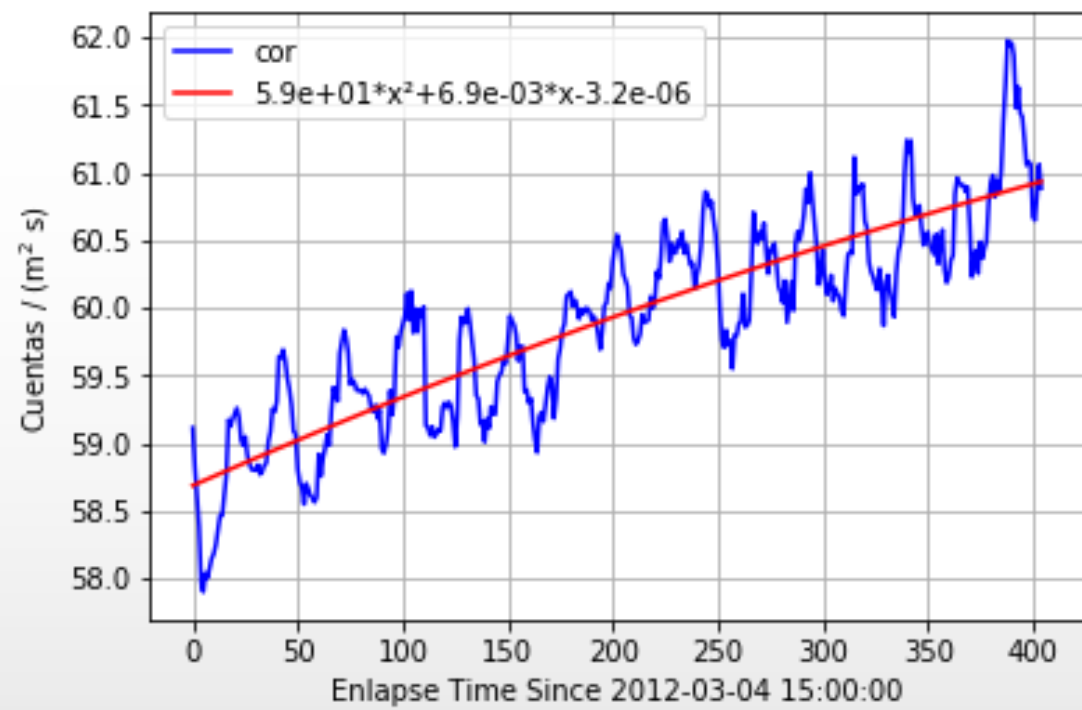
[Suárez-Durán M. Variaciones del flujo de radiación cósmica en escenarios geofísicos y de clima espacial.]

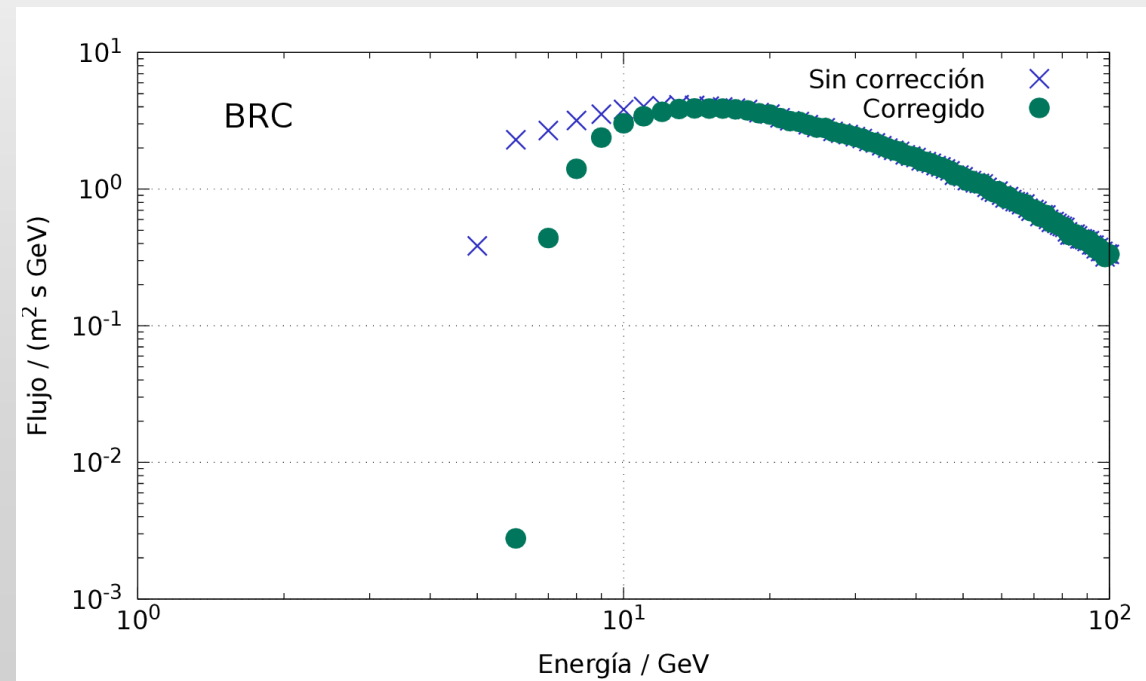
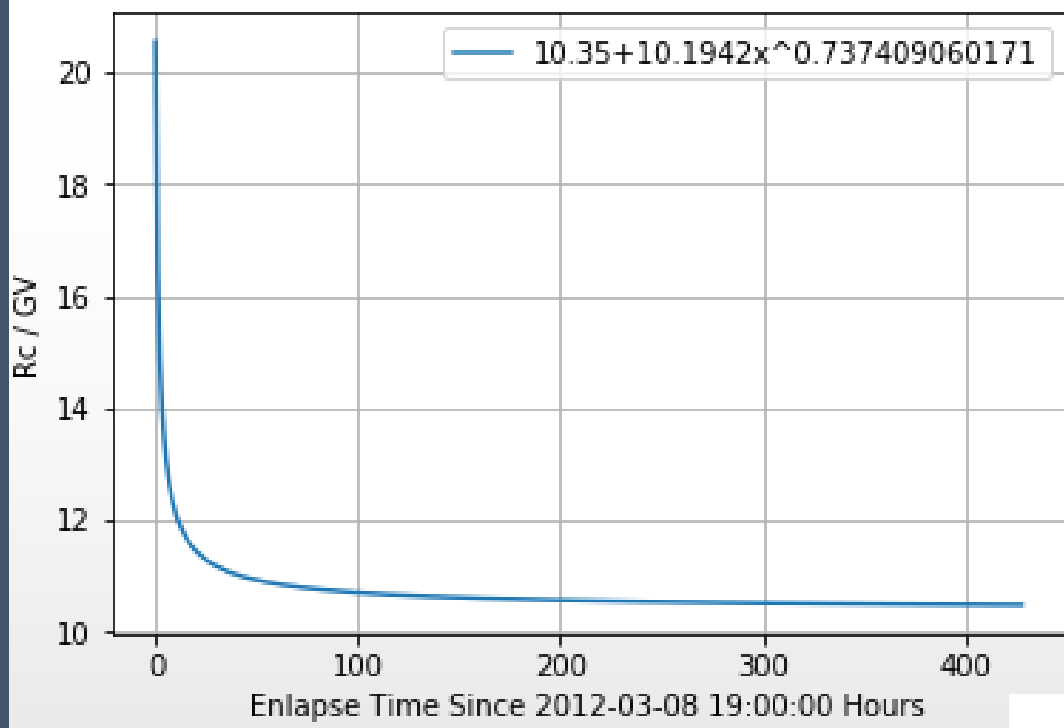


# PRELIMINARY RESULTS

Nahuelito detector data







Thank You

