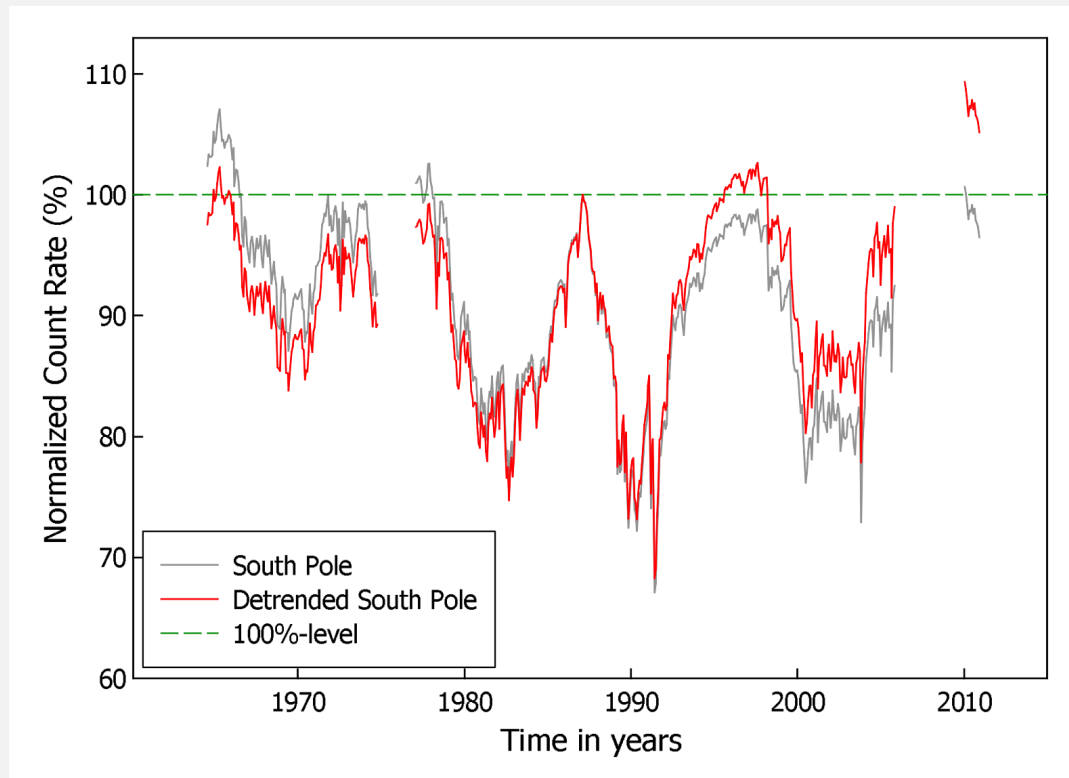


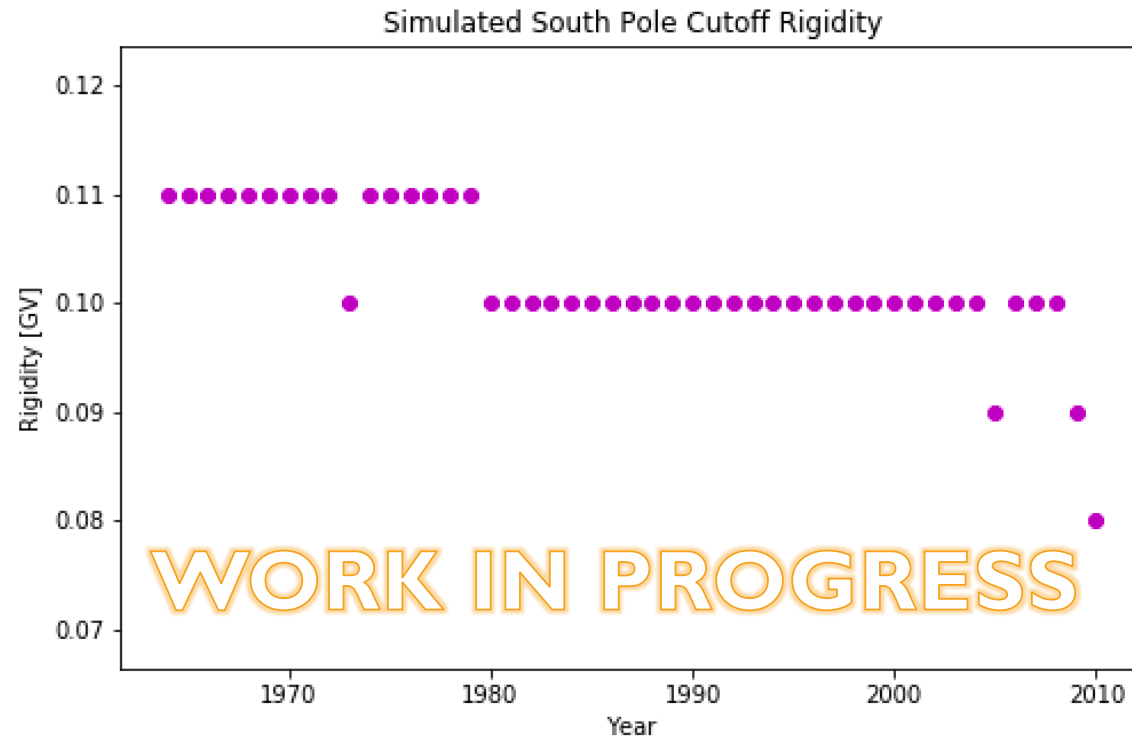
## DECLINING COUNT RATE NEUTRON MONITOR SOUTH POLE



- Only neutron monitor station experiencing steady decline in count rates

Bieber, J., J. Clem, P. Evenson, S. Oh, and R. Pyle (2013), Continued decline of South Pole neutron monitor counting rate, *J. Geophys. Res. Space Physics*, 118, 6847–6851, doi:10.1002/2013JA018915.

# SIMULATED CUTOFF RIGIDITY



- MAGNETOCOSMICS Monte Carlo Simulations
- FORTRAN Simulations from code by Dr. Nuntiyakul