

Search for TRIV in the interaction of polarized neutrons with polarized targets

Libertad Barrón-Palos
for the NOPTREX collaboration

Instituto de Física, Universidad Nacional Autónoma de México

In this talk, the current efforts of the NOPTREX collaboration to perform TRIV studies in different neutron - compound nucleus systems will be presented. I will describe the experiments we are currently performing and planning for the near future to better characterize PV asymmetries and s , p wave resonance parameters. The mixing between these energetically close resonances is responsible for the observed amplification in PV effects, and the same mechanism should enhance any TRIV effect as well.