Case 3: CACTUS + SiRi at the Oslo cyclotron laboratory

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DESCRIPTION OF THE ASSIGNMENT

At the Oslo cyclotron laboratory (OCL) experiments are carried out to study the nuclear structure of isotopes at excitation energies up to the neutron binding energy. This is done by bombarding a thin target foil, typically $0.5~\rm \hat{a}\Breve{A}\Breve{S}\Breve{A}\Breve{S}\$

Give a general overview of the CACTUS+SiRi detector setup at OCL. Describe the detectors of the setup and their characteristics. What is done to the signals from the detectors in order to have events that we can analyze to extract the information we are interested in?

GENERAL OVERVIEW OF THE CACTUS + SIRI DETECTOR SETUP AT OCL

HANDELING OF SIGNALS AND EVENTS