

HFM - Short Visit Grant Report (Amit Keren - 730)

Scientific Report for HFM Short Visit Grant – 730

We performed muon spin relaxation and rotation experiments at both the LTF and GPS beam-lines in PSI, Switzerland on the $\text{Tb}_2\text{Ti}_2\text{O}_7$ pyrochlore frustrated magnet. The results of the LTF experiment in terms of spin-lattice relaxation rate T_1 , shift K , and line width ω , are presented in the figure. These results will be contrasted with sub-Kelvin susceptibility measurements.

