

Abstract Submitted
for the HAW05 Meeting of
The American Physical Society

Sorting Category: 15. (E)

Particle identification in the Time Projection Chamber at SPring8/LEPS TAKAHIRO SAWADA, HISAKO FUJIMURA, YUJI KATO, TAKASHI NAKANO, MASAYUKI NIIYAMA, LEPS COLLABORATION — We study $\Lambda(1405)$ photoproduction from C, CH₂, and Cu nuclei with Time Projection Chamber (TPC) detector at the SPring-8/LEPS beamline. The photon beam with 1.5-2.9 GeV is produced by backward Compton scattering laser photon from 8 GeV stored electrons. Particle identification (PID) is allowed by dE/dx and momentum measurements with TPC. A good PID capability, that is good $\pi/p/K$ separation, is crucially important in order to exclude background contribution caused by miss particle identification. In this talk, the current status of the PID will be presented.

Prefer Oral Session
 Prefer Poster Session

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Date submitted: 26 May 2005

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