

uBooNE Reconstruction - Task #14341

Milestone # 13399 (New): Parent reconstruction milestones/tasks for reconstruction necessary for MCC8 and reconstruction "v6"

Milestone # 13400 (New): MCC8 and "v6" reconstruction development

Milestone # 13410 (New): Hit Finding

Optimize existing hit finder parameters

11/01/2016 11:26 AM - Tracy Usher

Status:	New	Start date:	11/01/2016
Priority:	Normal	Due date:	12/31/2016
Assignee:	Salvatore Davide Porzio	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

MicroBooNE has switched to using a gaussian filter in deconvolution which has altered the waveforms presented to the hit finder. This task is to review the current parameters and try to optimize them with respect to data and simulation. In particular the emphasis is on optimizing the hit finder thresholds to balance between efficiency for finding a true hit vs production of hits from noise pulses.