

uBooNE Detector Physics

	2021-3				2021-4				2021-5				2021-6				2021-7				2021-8							
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
uBooNE Offline	uBooNE Offline																											
uBooNE Detector Physics	uBooNE Detector Physics																											
uBooNE Detector Physics - Cosmic Rate (...)																												
Identify through-going cosmics	New																											
Identify stopping cosmics	New																											
Populate DQM database	Assigned																											
Cosmic rate paper	New																											
Production TPC pedestal determination	Assigned 80%																											
Production PMT pedestal and gain (...)	Assigned																											
uBooNE Detector Physics - Diffusion (...)																												
Diffusion paper	Assigned																											
Technote: Diffusion Measurement	New																											
Apply lifetime correction to hits	New																											
Look at hit width as a function (...)	New																											
Apply space charge correction if (...)	New																											
uBooNE Detector Physics - Michel Electron (...)																												
Apply recombination correction (...)	New																											
Apply lifetime corrections to hits	New																											
Use ADC to charge conversion	New																											
Create TPC reconstruction algorithm	New																											
uBooNE Detector Physics - Purity Measurement																												
Technote: Purity from TPC data	New																											
Purity Paper	New																											
Special Laser and Cosmic Runs at (...)	New																											
Analyzing Special Laser and Cosmic (...)	New																											
Validating MC analysis technique (...)	New																											
T0 Extraction	Assigned																											
Understand the double-exponential (...)	New																											

uBooNE Detector Physics - Recombination (...)	
Measure the ADC to charge conversion	New
Get ADC to charge conversion (...)	New
Get ADC to charge conversion (...)	New
Identify stopping muons	New
Hypothesize the Bragg peak and (...)	New
Look at data from different fields	New
uBooNE Detector Physics - Space Charge (...)	
Calibration framework in LArSoft	Assigned
Testing of laser-only calibration (...)	Assigned
Laser+Cosmics calibration methods	New
Technotes: Space Charge Measurement	Resolved
Space Charge Measurement Paper	Assigned
Setting laser paths in TPC	Assigned 50%
create operational configuration (...)	Assigned
Laser track reco	Assigned
Reconstruction of laser tracks	Assigned