pdOneChannelNoise [nf0] anode = AnodePlane:apa0 noisedb = OmniChannelNoiseDB:ocndbperfect0 resmp = list(3)
pdRelGainCalib [nf0] anode = AnodePlane:apa0 noisedb = OmniChannelNoiseDB:ocndbperfect0 rel_gain = list(15360)
pdStickyCodeMitig [nf0] anode = AnodePlane:apa0 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect0 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmniChannelNoiseDB [ocndbperfect0] anode = AnodePlane:apa0 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf0] anode = AnodePlane:apa0 noisedb = OmniChannelNoiseDB:ocndbperfect0 rms_threshold = 0
MagnifySink [magorig0] anode = AnodePlane:apa0 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
OmnibusNoiseFilter [nf0] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig0 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect0 nticks = 0 outtraces = raw0
MagnifySink [magraw0] anode = AnodePlane:apa0 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa0sigproc0] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa0 break_roi_loop1_tag = break_roi_1st0 break_roi_loop2_tag = break_roi_2nd0 cleanup_roi_tag = cleanup_roi0 ctoffset = 1000 decon_charge_tag = decon_charge0 elecresponse = ColdElecResponse extend_roi_tag = extend_roi0 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss0 isWrapped = False loose_lf_tag = loose_lf0 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi0 mp3_roi_tag = mp3_roi0 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi0 tight_lf_tag = tight_lf0 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener0 wiener_threshold_tag = threshold0
MagnifySink [maggauss0] anode = AnodePlane:apa0 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener0] anode = AnodePlane:apa0 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold0] anode = AnodePlane:apa0 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa0] faces = list(2) ident = 0 nimpacts = 10 wire_schema = WireSchemaFile
Digitizer [digitizer-apa0] anode = AnodePlane:apa0 baselines = list(3) frame_tag = orig0 fullscale = list(2) gain = 1 resolution = 12
EmpiricalNoiseModel [empericalnoise-apa0] anode = AnodePlane:apa0 chanstat = nsamples = 6000 period = 500 spectra_file = protodune-noise-spectra-v1.json.bz2 wire_length_scale = 10
AddNoise [addnoise-empericalnoise-apa0] model = EmpiricalNoiseModel:empericalnoise-apa0 nsamples = 6000 replacement_percentage = 0.02 rng = Random
Reframer [reframer-apa0] anode = AnodePlane:apa0 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
pdOneChannelNoise [nf1] anode = AnodePlane:apa1 noisedb = OmniChannelNoiseDB:ocndbperfect1 resmp = list(3)
pdRelGainCalib [nf1] anode = AnodePlane:apa1 noisedb = OmniChannelNoiseDB:ocndbperfect1 rel_gain = list(15360)
pdStickyCodeMitig [nf1] anode = AnodePlane:apa1 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect1 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmniChannelNoiseDB [ocndbperfect1] anode = AnodePlane:apa1 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf1] anode = AnodePlane:apa1 noisedb = OmniChannelNoiseDB:ocndbperfect1 rms_threshold = 0
MagnifySink [magorig1] anode = AnodePlane:apa1 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
OmnibusNoiseFilter [nf1] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig1 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect1 nticks = 0 outtraces = raw1
MagnifySink [magraw1] anode = AnodePlane:apa1 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa1sigproc1] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa1 break_roi_loop1_tag = break_roi_1st1 break_roi_loop2_tag = break_roi_2nd1 cleanup_roi_tag = cleanup_roi1 ctoffset = 1000 decon_charge_tag = decon_charge1 elecresponse = ColdElecResponse extend_roi_tag = extend_roi1 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss1 isWrapped = False loose_lf_tag = loose_lf1 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi1 mp3_roi_tag = mp3_roi1 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi1 tight_lf_tag = tight_lf1 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener1 wiener_threshold_tag = threshold1
MagnifySink [maggauss1] anode = AnodePlane:apa1 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener1] anode = AnodePlane:apa1 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold1] anode = AnodePlane:apa1 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa1] faces = list(2) ident = 1 nimpacts = 10 wire_schema = WireSchemaFile
Digitizer [digitizer-apa1] anode = AnodePlane:apa1 baselines = list(3) frame_tag = orig1 fullscale = list(2) gain = 1 resolution = 12
EmpiricalNoiseModel [empericalnoise-apa1] anode = AnodePlane:apa1 chanstat = nsamples = 6000 period = 500 spectra_file = protodune-noise-spectra-v1.json.bz2 wire_length_scale = 10
AddNoise [addnoise-empericalnoise-apa1] model = EmpiricalNoiseModel:empericalnoise-apa1 nsamples = 6000 replacement_percentage = 0.02 rng = Random
Reframer [reframer-apa1] anode = AnodePlane:apa1 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
pdOneChannelNoise [nf2] anode = AnodePlane:apa2 noisedb = OmniChannelNoiseDB:ocndbperfect2 resmp = list(3)
pdRelGainCalib [nf2] anode = AnodePlane:apa2 noisedb = OmniChannelNoiseDB:ocndbperfect2 rel_gain = list(15360)
pdStickyCodeMitig [nf2] anode = AnodePlane:apa2 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect2 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmniChannelNoiseDB [ocndbperfect2] anode = AnodePlane:apa2 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf2] anode = AnodePlane:apa2 noisedb = OmniChannelNoiseDB:ocndbperfect2 rms_threshold = 0
MagnifySink [magorig2] anode = AnodePlane:apa2 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
OmnibusNoiseFilter [nf2] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig2 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect2 nticks = 0 outtraces = raw2
MagnifySink [magraw2] anode = AnodePlane:apa2 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa2sigproc2] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa2 break_roi_loop1_tag = break_roi_1st2 break_roi_loop2_tag = break_roi_2nd2 cleanup_roi_tag = cleanup_roi2 ctoffset = 1000 decon_charge_tag = decon_charge2 elecresponse = ColdElecResponse extend_roi_tag = extend_roi2 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss2 isWrapped = False loose_lf_tag = loose_lf2 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi2 mp3_roi_tag = mp3_roi2 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi2 tight_lf_tag = tight_lf2 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener2 wiener_threshold_tag = threshold2
MagnifySink [maggauss2] anode = AnodePlane:apa2 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener2] anode = AnodePlane:apa2 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold2] anode = AnodePlane:apa2 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa2] faces = list(2) ident = 2 nimpacts = 10 wire_schema = WireSchemaFile
Digitizer [digitizer-apa2] anode = AnodePlane:apa2 baselines = list(3) frame_tag = orig2 fullscale = list(2) gain = 1 resolution = 12
EmpiricalNoiseModel [empericalnoise-apa2] anode = AnodePlane:apa2 chanstat = nsamples = 6000 period = 500 spectra_file = protodune-noise-spectra-v1.json.bz2 wire_length_scale = 10
AddNoise [addnoise-empericalnoise-apa2] model = EmpiricalNoiseModel:empericalnoise-apa2 nsamples = 6000 replacement_percentage = 0.02 rng = Random
Reframer [reframer-apa2] anode = AnodePlane:apa2 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
pdOneChannelNoise [nf3] anode = AnodePlane:apa3 noisedb = OmniChannelNoiseDB:ocndbperfect3 resmp = list(3)
pdRelGainCalib [nf3] anode = AnodePlane:apa3 noisedb = OmniChannelNoiseDB:ocndbperfect3 rel_gain = list(15360)
pdStickyCodeMitig [nf3] anode = AnodePlane:apa3 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect3 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmniChannelNoiseDB [ocndbperfect3] anode = AnodePlane:apa3 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf3] anode = AnodePlane:apa3 noisedb = OmniChannelNoiseDB:ocndbperfect3 rms_threshold = 0
MagnifySink [magorig3] anode = AnodePlane:apa3 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
OmnibusNoiseFilter [nf3] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig3 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect3 nticks = 0 outtraces = raw3
MagnifySink [magraw3] anode = AnodePlane:apa3 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa3sigproc3] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa3 break_roi_loop1_tag = break_roi_1st3 break_roi_loop2_tag = break_roi_2nd3 cleanup_roi_tag = cleanup_roi3 ctoffset = 1000 decon_charge_tag = decon_charge3 elecresponse = ColdElecResponse extend_roi_tag = extend_roi3 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss3 isWrapped = False loose_lf_tag = loose_lf3 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi3 mp3_roi_tag = mp3_roi3 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi3 tight_lf_tag = tight_lf3 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener3 wiener_threshold_tag = threshold3
ColdElecResponse (unnamed) gain = 2.24304708180003e-12 nticks = 6125 postgain = 1.166 shaping = 2200 tick = 500
FieldResponse [field0] filename = dune-garfield-1d565.json.bz2
MagnifySink [maggauss3] anode = AnodePlane:apa3 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener3] anode = AnodePlane:apa3 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold3] anode = AnodePlane:apa3 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa3] faces = list(2) ident = 3 nimpacts = 10 wire_schema = WireSchemaFile
DepoSetFanout [sn_mag_nf] multiplicity = 6 tag_rules = list(0)
DepoTransform [depotransform-apa0] anode = AnodePlane:apa0 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
DepoTransform [depotransform-apa1] anode = AnodePlane:apa1 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
DepoTransform [depotransform-apa2] anode = AnodePlane:apa2 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
DepoTransform [depotransform-apa3] anode = AnodePlane:apa3 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
DepoTransform [depotransform-apa4] anode = AnodePlane:apa4 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
DepoTransform [depotransform-apa5] anode = AnodePlane:apa5 drift_speed = 0.0016 first_frame_number = 100 fluctuate = True nsigma = 3 pirs = list(3) readout_time = 3062500 rng = Random start_time = -312500 tick = 500
PlaneImpactResponse [PIRfield0plane2] field_response = FieldResponse:field0 long_padding = 1500000 long_responses = list(1) nticks = 6125 overall_short_padding = 100000 plane = 2 short_responses = list(1) tick = 500
PlaneImpactResponse [PIRfield0plane0] field_response = FieldResponse:field0 long_padding = 1500000 long_responses = list(1) nticks = 6125 overall_short_padding = 100000 plane = 0 short_responses = list(1) tick = 500
PlaneImpactResponse [PIRfield0plane1] field_response = FieldResponse:field0 long_padding = 1500000 long_responses = list(1) nticks = 6125 overall_short_padding = 100000 plane = 1 short_responses = list(1) tick = 500
Random (unnamed) generator = default seeds = list(5)
Reframer [reframer-apa3] anode = AnodePlane:apa3 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
DepoBagger [bagger] gate = list(2)
Drifter (unnamed) DL = 7.2e-07 DT = 1.2e-06 ar39activity = 1.6021764870000004e-34 density = 866945689985025843 2 drift_speed = 0.0016 fluctuate = True lifetime = 35000000 rng = Random time_offset = 0 xregions = list(3)
TrackDepos [trackdepos] step_size = 1 tracks = list(1)
MagnifySink [magraw4] anode = AnodePlane:apa4 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa4sigproc4] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa4 break_roi_loop1_tag = break_roi_1st4 break_roi_loop2_tag = break_roi_2nd4 cleanup_roi_tag = cleanup_roi4 ctoffset = 1000 decon_charge_tag = decon_charge4 elecresponse = ColdElecResponse extend_roi_tag = extend_roi4 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss4 isWrapped = False loose_lf_tag = loose_lf4 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi4 mp3_roi_tag = mp3_roi4 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi4 tight_lf_tag = tight_lf4 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener4 wiener_threshold_tag = threshold4
MagnifySink [maggauss4] anode = AnodePlane:apa4 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener4] anode = AnodePlane:apa4 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold4] anode = AnodePlane:apa4 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa4] faces = list(2) ident = 4 nimpacts = 10 wire_schema = WireSchemaFile
OmniChannelNoiseDB [ocndbperfect4] anode = AnodePlane:apa4 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf4] anode = AnodePlane:apa4 noisedb = OmniChannelNoiseDB:ocndbperfect4 rms_threshold = 0
pdOneChannelNoise [nf4] anode = AnodePlane:apa4 noisedb = OmniChannelNoiseDB:ocndbperfect4 resmp = list(3)
pdRelGainCalib [nf4] anode = AnodePlane:apa4 noisedb = OmniChannelNoiseDB:ocndbperfect4 rel_gain = list(15360)
pdStickyCodeMitig [nf4] anode = AnodePlane:apa4 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect4 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmnibusNoiseFilter [nf4] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig4 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect4 nticks = 0 outtraces = raw4
MagnifySink [magorig4] anode = AnodePlane:apa4 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
EmpiricalNoiseModel [empericalnoise-apa4] anode = AnodePlane:apa4 chanstat = nsamples = 6000 period = 500 spectra_file = protodune-noise-spectra-v1.json.bz2 wire_length_scale = 10
AddNoise [addnoise-empericalnoise-apa4] model = EmpiricalNoiseModel:empericalnoise-apa4 nsamples = 6000 replacement_percentage = 0.02 rng = Random
Digitizer [digitizer-apa4] anode = AnodePlane:apa4 baselines = list(3) frame_tag = orig4 fullscale = list(2) gain = 1 resolution = 12
Reframer [reframer-apa4] anode = AnodePlane:apa4 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
MagnifySink [magraw5] anode = AnodePlane:apa5 cmmtree = list(4) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
OmnibusSigProc [apa5sigproc5] ADC_mV = 2924999999.9999995 anode = AnodePlane:apa5 break_roi_loop1_tag = break_roi_1st5 break_roi_loop2_tag = break_roi_2nd5 cleanup_roi_tag = cleanup_roi5 ctoffset = 1000 decon_charge_tag = decon_charge5 elecresponse = ColdElecResponse extend_roi_tag = extend_roi5 fft_flag = 0 field_response = FieldResponse:field0 flotfset = 0 gauss_tag = gauss5 isWrapped = False loose_lf_tag = loose_lf5 lroi_jump_one_bin = 1 lroi_rebin = 6 lroi_th_factor = 3.5 lroi_th_factor1 = 0.7 mp2_roi_tag = mp2_roi5 mp3_roi_tag = mp3_roi5 per_chan_resp = postgain = 1 r_fake_signal_high_th = 750 r_fake_signal_high_th_ind_factor = 1 r_fake_signal_low_th = 375 r_fake_signal_low_th_ind_factor = 1 r_low_peak_sep_threshold_pre = 1200 r_sep_peak = 6 r_th_factor = 3 r_th_peak = 3 shrink_roi_tag = shrink_roi5 tight_lf_tag = tight_lf5 troi_col_th_factor = 5 troi_ind_th_factor = 3 use_multi_plane_protection = False use_roi_debug_mode = False wiener_tag = wiener5 wiener_threshold_tag = threshold5
MagnifySink [maggauss5] anode = AnodePlane:apa5 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magwiener5] anode = AnodePlane:apa5 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = True
MagnifySink [magthreshold5] anode = AnodePlane:apa5 output_filename = protodune-sim-check.root root_file_mode = UPDATE summaries = list(1) summary_operator = dict(1)
AnodePlane [apa5] faces = list(2) ident = 5 nimpacts = 10 wire_schema = WireSchemaFile
OmniChannelNoiseDB [ocndbperfect5] anode = AnodePlane:apa5 bad = list(134) channel_info = list(4) field_response = FieldResponse:field0 groups = list(60) nsamples = 6000 tick = 500
mbCoherentNoiseSub [nf5] anode = AnodePlane:apa5 noisedb = OmniChannelNoiseDB:ocndbperfect5 rms_threshold = 0
pdOneChannelNoise [nf5] anode = AnodePlane:apa5 noisedb = OmniChannelNoiseDB:ocndbperfect5 resmp = list(3)
pdRelGainCalib [nf5] anode = AnodePlane:apa5 noisedb = OmniChannelNoiseDB:ocndbperfect5 rel_gain = list(15360)
pdStickyCodeMitig [nf5] anode = AnodePlane:apa5 extra_stky = list(7) noisedb = OmniChannelNoiseDB:ocndbperfect5 stky_max_len = 10 stky_sig_like_rms = 2 stky_sig_like_val = 15
OmnibusNoiseFilter [nf5] channel_filters = list(3) channel_status_filters = list(0) grouped_filters = list(1) intraces = orig5 maskmap = dict(3) noisedb = OmniChannelNoiseDB:ocndbperfect5 nticks = 0 outtraces = raw5
MagnifySink [magorig5] anode = AnodePlane:apa5 cmmtree = list(0) frames = list(1) output_filename = protodune-sim-check.root root_file_mode = UPDATE trace_has_tag = False
EmpiricalNoiseModel [empericalnoise-apa5] anode = AnodePlane:apa5 chanstat = nsamples = 6000 period = 500 spectra_file = protodune-noise-spectra-v1.json.bz2 wire_length_scale = 10
AddNoise [addnoise-empericalnoise-apa5] model = EmpiricalNoiseModel:empericalnoise-apa5 nsamples = 6000 replacement_percentage = 0.02 rng = Random
Digitizer [digitizer-apa5] anode = AnodePlane:apa5 baselines = list(3) frame_tag = orig5 fullscale = list(2) gain = 1 resolution = 12
Reframer [reframer-apa5] anode = AnodePlane:apa5 fill = 0 nticks = 6000 tags = list(0) tbin = 125 tofffset = 0
FrameFanin [sn_mag_nf] multiplicity = 6 tags = list(6)
DumpFrames (unnamed)