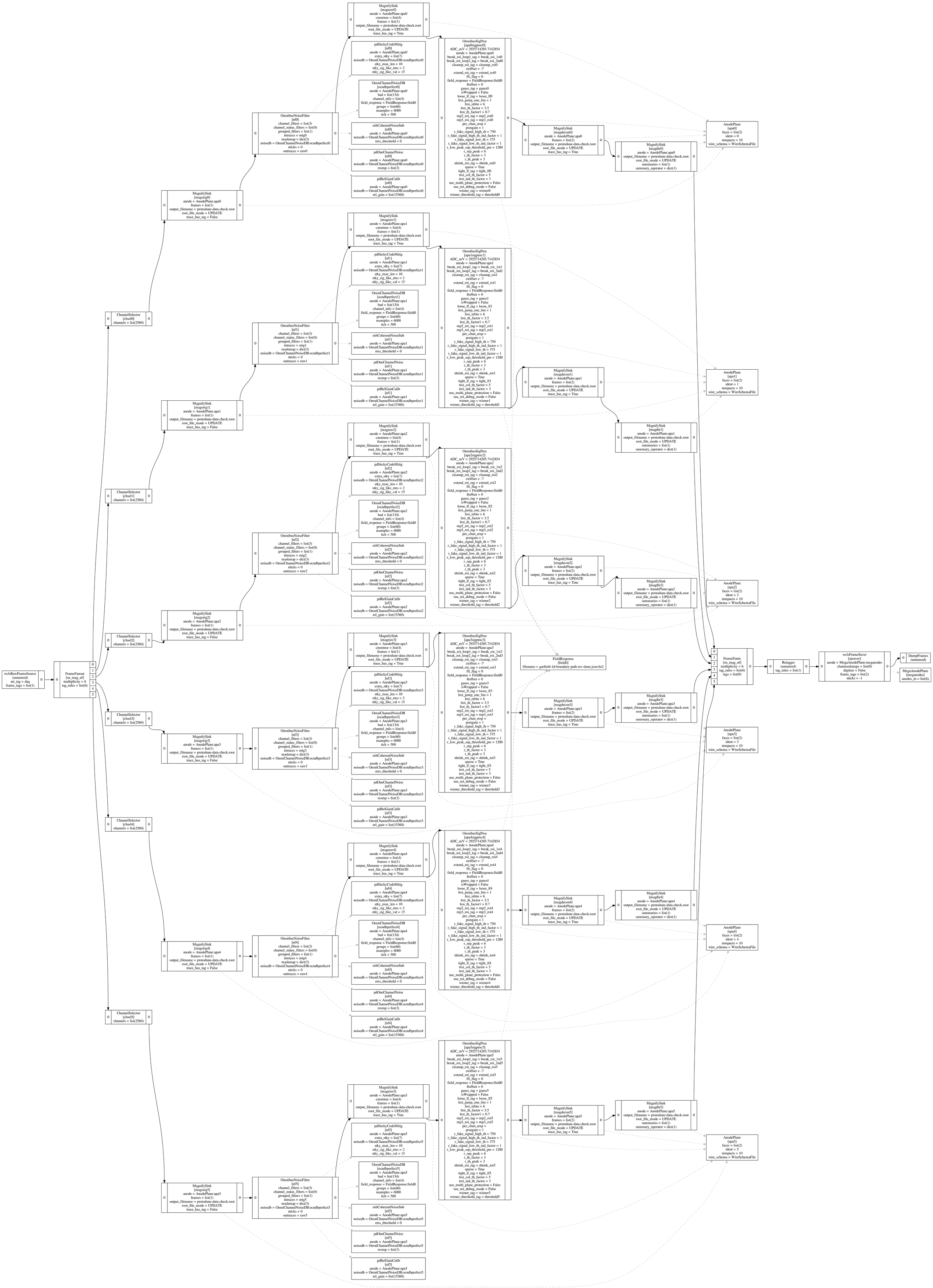

wclsRawFrameSource
(unnamed)
art_tag = daq
frame_tags = list(1)
FrameFanout
[sn_mag_nf]
multiplicity = 6
tag_rules = list(6)
ChannelSelector
[chsel0]
channels = list(2560)
ChannelSelector
[chsel1]
channels = list(2560)
ChannelSelector
[chsel2]
channels = list(2560)
ChannelSelector
[chsel3]
channels = list(2560)
ChannelSelector
[chsel4]
channels = list(2560)
ChannelSelector
[chsel5]
channels = list(2560)
MagnifySink
[magorig0]
anode = AnodePlane:apa0
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = False
MagnifySink
[magorig1]
anode = AnodePlane:apa1
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = False
MagnifySink
[magorig2]
anode = AnodePlane:apa2
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = False
MagnifySink
[magorig3]
anode = AnodePlane:apa3
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = False
MagnifySink
[magorig4]
anode = AnodePlane:apa4
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = False
MagnifySink
[magorig5]
anode = AnodePlane:apa5
frames = list(1)
output_filename = protodune-data-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
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
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
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
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
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
[magraw0]
anode = AnodePlane:apa0
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magraw1]
anode = AnodePlane:apa1
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magraw2]
anode = AnodePlane:apa2
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magraw3]
anode = AnodePlane:apa3
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magraw4]
anode = AnodePlane:apa4
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magraw5]
anode = AnodePlane:apa5
cmmtree = list(4)
frames = list(1)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
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
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
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
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
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
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
OmniChannelNoiseDB
[ocndbperfect0]
anode = AnodePlane:apa0
bad = list(134)
channel_info = list(4)
field_response = FieldResponse:field0
groups = list(60)
nsamples = 6000
tick = 500
OmniChannelNoiseDB
[ocndbperfect1]
anode = AnodePlane:apa1
bad = list(134)
channel_info = list(4)
field_response = FieldResponse:field0
groups = list(60)
nsamples = 6000
tick = 500
OmniChannelNoiseDB
[ocndbperfect2]
anode = AnodePlane:apa2
bad = list(134)
channel_info = list(4)
field_response = FieldResponse:field0
groups = list(60)
nsamples = 6000
tick = 500
OmniChannelNoiseDB
[ocndbperfect3]
anode = AnodePlane:apa3
bad = list(134)
channel_info = list(4)
field_response = FieldResponse:field0
groups = list(60)
nsamples = 6000
tick = 500
OmniChannelNoiseDB
[ocndbperfect4]
anode = AnodePlane:apa4
bad = list(134)
channel_info = list(4)
field_response = FieldResponse:field0
groups = list(60)
nsamples = 6000
tick = 500
OmniChannelNoiseDB
[ocndbperfect5]
anode = AnodePlane:apa5
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
mbCoherentNoiseSub
[nf1]
anode = AnodePlane:apa1
noisedb = OmniChannelNoiseDB:ocndbperfect1
rms_threshold = 0
mbCoherentNoiseSub
[nf2]
anode = AnodePlane:apa2
noisedb = OmniChannelNoiseDB:ocndbperfect2
rms_threshold = 0
mbCoherentNoiseSub
[nf3]
anode = AnodePlane:apa3
noisedb = OmniChannelNoiseDB:ocndbperfect3
rms_threshold = 0
mbCoherentNoiseSub
[nf4]
anode = AnodePlane:apa4
noisedb = OmniChannelNoiseDB:ocndbperfect4
rms_threshold = 0
mbCoherentNoiseSub
[nf5]
anode = AnodePlane:apa5
noisedb = OmniChannelNoiseDB:ocndbperfect5
rms_threshold = 0
pdOneChannelNoise
[nf0]
anode = AnodePlane:apa0
noisedb = OmniChannelNoiseDB:ocndbperfect0
resmp = list(3)
pdOneChannelNoise
[nf1]
anode = AnodePlane:apa1
noisedb = OmniChannelNoiseDB:ocndbperfect1
resmp = list(3)
pdOneChannelNoise
[nf2]
anode = AnodePlane:apa2
noisedb = OmniChannelNoiseDB:ocndbperfect2
resmp = list(3)
pdOneChannelNoise
[nf3]
anode = AnodePlane:apa3
noisedb = OmniChannelNoiseDB:ocndbperfect3
resmp = list(3)
pdOneChannelNoise
[nf4]
anode = AnodePlane:apa4
noisedb = OmniChannelNoiseDB:ocndbperfect4
resmp = list(3)
pdOneChannelNoise
[nf5]
anode = AnodePlane:apa5
noisedb = OmniChannelNoiseDB:ocndbperfect5
resmp = list(3)
pdRelGainCalib
[nf0]
anode = AnodePlane:apa0
noisedb = OmniChannelNoiseDB:ocndbperfect0
rel_gain = list(15360)
pdRelGainCalib
[nf1]
anode = AnodePlane:apa1
noisedb = OmniChannelNoiseDB:ocndbperfect1
rel_gain = list(15360)
pdRelGainCalib
[nf2]
anode = AnodePlane:apa2
noisedb = OmniChannelNoiseDB:ocndbperfect2
rel_gain = list(15360)
pdRelGainCalib
[nf3]
anode = AnodePlane:apa3
noisedb = OmniChannelNoiseDB:ocndbperfect3
rel_gain = list(15360)
pdRelGainCalib
[nf4]
anode = AnodePlane:apa4
noisedb = OmniChannelNoiseDB:ocndbperfect4
rel_gain = list(15360)
pdRelGainCalib
[nf5]
anode = AnodePlane:apa5
noisedb = OmniChannelNoiseDB:ocndbperfect5
rel_gain = list(15360)
OmnibusSigProc
[apa0sigproc0]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa0
break_roi_loop1_tag = break_roi_1st0
break_roi_loop2_tag = break_roi_2nd0
cleanup_roi_tag = cleanup_roi0
ctoffset = -7
extend_roi_tag = extend_roi0
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
OmnibusSigProc
[apa1sigproc1]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa1
break_roi_loop1_tag = break_roi_1st1
break_roi_loop2_tag = break_roi_2nd1
cleanup_roi_tag = cleanup_roi1
ctoffset = -7
extend_roi_tag = extend_roi1
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
OmnibusSigProc
[apa2sigproc2]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa2
break_roi_loop1_tag = break_roi_1st2
break_roi_loop2_tag = break_roi_2nd2
cleanup_roi_tag = cleanup_roi2
ctoffset = -7
extend_roi_tag = extend_roi2
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
OmnibusSigProc
[apa3sigproc3]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa3
break_roi_loop1_tag = break_roi_1st3
break_roi_loop2_tag = break_roi_2nd3
cleanup_roi_tag = cleanup_roi3
ctoffset = -7
extend_roi_tag = extend_roi3
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
OmnibusSigProc
[apa4sigproc4]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa4
break_roi_loop1_tag = break_roi_1st4
break_roi_loop2_tag = break_roi_2nd4
cleanup_roi_tag = cleanup_roi4
ctoffset = -7
extend_roi_tag = extend_roi4
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
OmnibusSigProc
[apa5sigproc5]
ADC_mV = 2925714285.7142854
anode = AnodePlane:apa5
break_roi_loop1_tag = break_roi_1st5
break_roi_loop2_tag = break_roi_2nd5
cleanup_roi_tag = cleanup_roi5
ctoffset = -7
extend_roi_tag = extend_roi5
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 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
sparse = True
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
FieldResponse
[field0]
filename = garfield-1d-boundary-path-rev-dune.json.bz2
MagnifySink
[magdecon0]
anode = AnodePlane:apa0
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magdecon1]
anode = AnodePlane:apa1
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magdecon2]
anode = AnodePlane:apa2
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magdecon3]
anode = AnodePlane:apa3
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magdecon4]
anode = AnodePlane:apa4
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magdecon5]
anode = AnodePlane:apa5
frames = list(2)
output_filename = protodune-data-check.root
root_file_mode = UPDATE
trace_has_tag = True
MagnifySink
[magthr0]
anode = AnodePlane:apa0
output_filename = protodune-data-check.root
root_file_mode = UPDATE
summaries = list(1)
summary_operator = dict(1)
MagnifySink
[magthr1]
anode = AnodePlane:apa1
output_filename = protodune-data-check.root
root_file_mode = UPDATE
summaries = list(1)
summary_operator = dict(1)
MagnifySink
[magthr2]
anode = AnodePlane:apa2
output_filename = protodune-data-check.root
root_file_mode = UPDATE
summaries = list(1)
summary_operator = dict(1)
MagnifySink
[magthr3]
anode = AnodePlane:apa3
output_filename = protodune-data-check.root
root_file_mode = UPDATE
summaries = list(1)
summary_operator = dict(1)
MagnifySink
[magthr4]
anode = AnodePlane:apa4
output_filename = protodune-data-check.root
root_file_mode = UPDATE
summaries = list(1)
summary_operator = dict(1)
MagnifySink
[magthr5]
anode = AnodePlane:apa5
output_filename = protodune-data-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
AnodePlane
[apa1]
faces = list(2)
ident = 1
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa2]
faces = list(2)
ident = 2
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa3]
faces = list(2)
ident = 3
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa4]
faces = list(2)
ident = 4
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa5]
faces = list(2)
ident = 5
nimpacts = 10
wire_schema = WireSchemaFile
FrameFanin
[sn_mag_nf]
multiplicity = 6
tag_rules = list(6)
tags = list(0)
Retagger
(unnamed)
tag_rules = list(1)
wclsFrameSaver
[spsaver]
anode = MegaAnodePlane:meganodes
channmaskmaps = list(0)
digitize = False
frame_tags = list(2)
nticks = -1
DumpFrames
(unnamed)
MegaAnodePlane
[meganodes]
anodes_tn = list(6)