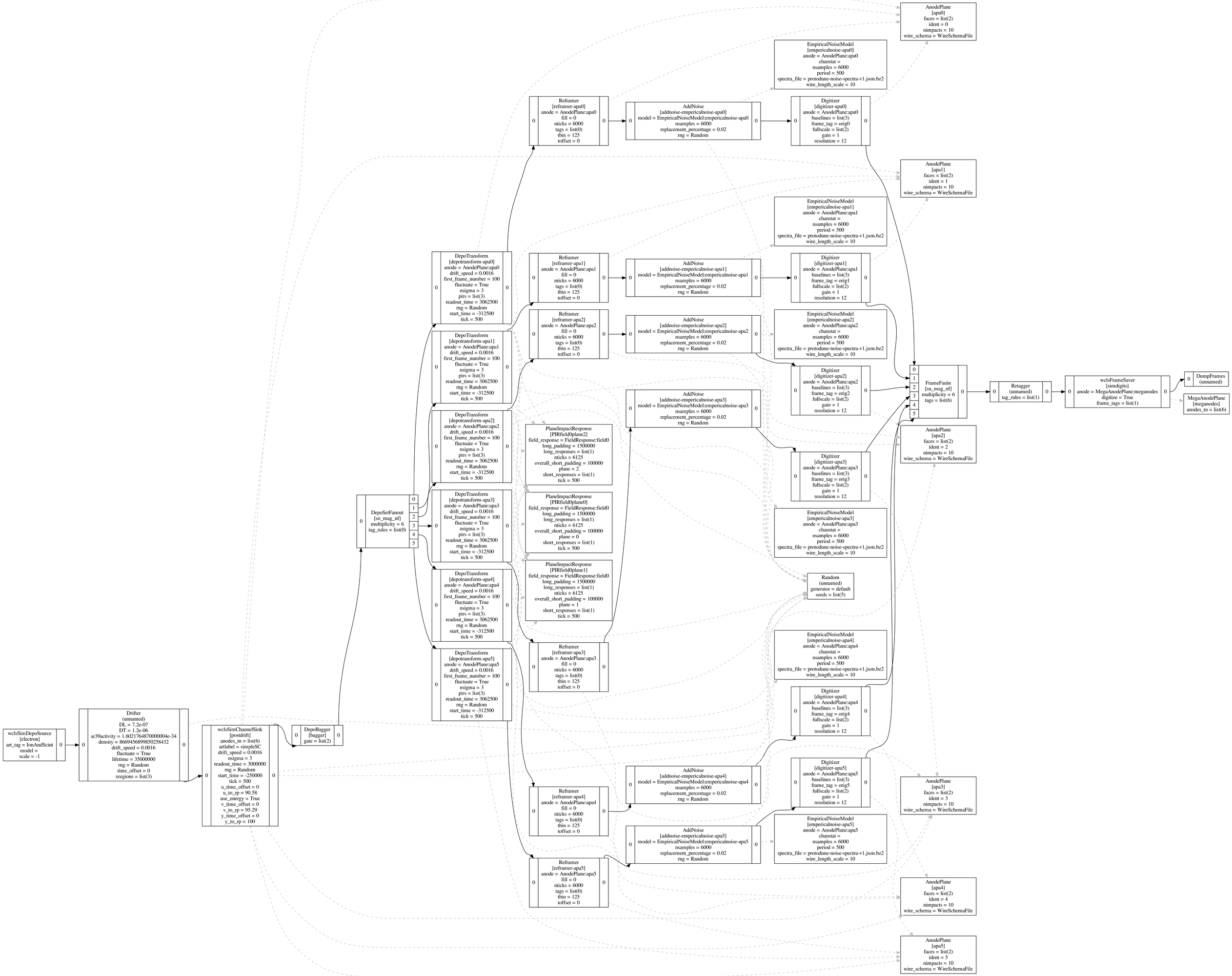

wclsSimDepoSource
[electron]
art_tag = IonAndScint
model =
scale = -1
Drifter
(unnamed)
DL = 7.2e-07
DT = 1.2e-06
ar39activity = 1.6021764870000004e-34
density = 8669456899850258432
drift_speed = 0.0016
fluctuate = True
lifetime = 35000000
rng = Random
time_offset = 0
xregions = list(3)
wclsSimChannelSink
[postdrift]
anodes_tn = list(6)
artlabel = simpleSC
drift_speed = 0.0016
nsigma = 3
readout_time = 3000000
rng = Random
start_time = -250000
tick = 500
u_time_offset = 0
u_to_rp = 90.58
use_energy = True
v_time_offset = 0
v_to_rp = 95.29
y_time_offset = 0
y_to_rp = 100
DepoBagger
[bagger]
gate = list(2)
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
Reframer
[reframer-apa0]
anode = AnodePlane:apa0
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa1]
anode = AnodePlane:apa1
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa2]
anode = AnodePlane:apa2
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa3]
anode = AnodePlane:apa3
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa4]
anode = AnodePlane:apa4
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa5]
anode = AnodePlane:apa5
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
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
AddNoise
[addnoise-empericalnoise-apa0]
model = EmpiricalNoiseModel:empericalnoise-apa0
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa1]
model = EmpiricalNoiseModel:empericalnoise-apa1
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa2]
model = EmpiricalNoiseModel:empericalnoise-apa2
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa3]
model = EmpiricalNoiseModel:empericalnoise-apa3
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa4]
model = EmpiricalNoiseModel:empericalnoise-apa4
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa5]
model = EmpiricalNoiseModel:empericalnoise-apa5
nsamples = 6000
replacement_percentage = 0.02
rng = Random
EmpiricalNoiseModel
[empericalnoise-apa0]
anode = AnodePlane:apa0
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa1]
anode = AnodePlane:apa1
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa2]
anode = AnodePlane:apa2
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa3]
anode = AnodePlane:apa3
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa4]
anode = AnodePlane:apa4
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa5]
anode = AnodePlane:apa5
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
Digitizer
[digitizer-apa0]
anode = AnodePlane:apa0
baselines = list(3)
frame_tag = orig0
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa1]
anode = AnodePlane:apa1
baselines = list(3)
frame_tag = orig1
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa2]
anode = AnodePlane:apa2
baselines = list(3)
frame_tag = orig2
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa3]
anode = AnodePlane:apa3
baselines = list(3)
frame_tag = orig3
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa4]
anode = AnodePlane:apa4
baselines = list(3)
frame_tag = orig4
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa5]
anode = AnodePlane:apa5
baselines = list(3)
frame_tag = orig5
fullscale = list(2)
gain = 1
resolution = 12
Random
(unnamed)
generator = default
seeds = list(5)
FrameFanin
[sn_mag_nf]
multiplicity = 6
tags = list(6)
Retagger
(unnamed)
tag_rules = list(1)
wclsFrameSaver
[simdigits]
anode = MegaAnodePlane:meganodes
digitize = True
frame_tags = list(1)
DumpFrames
(unnamed)
MegaAnodePlane
[meganodes]
anodes_tn = list(6)
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