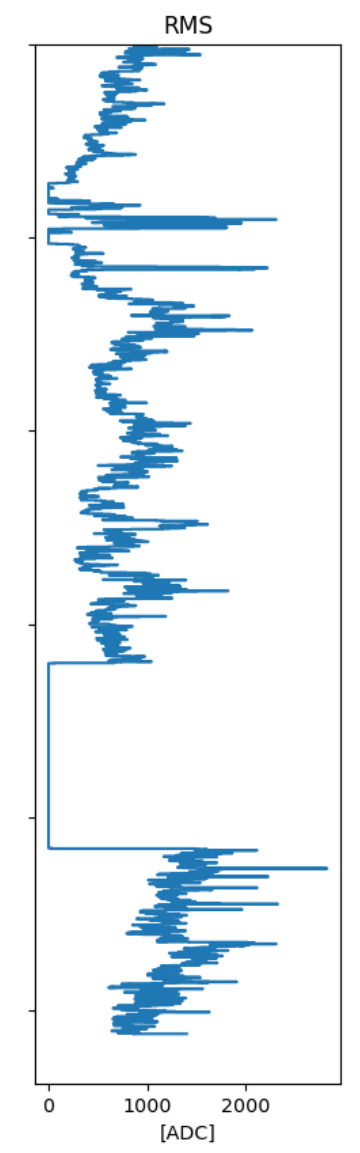
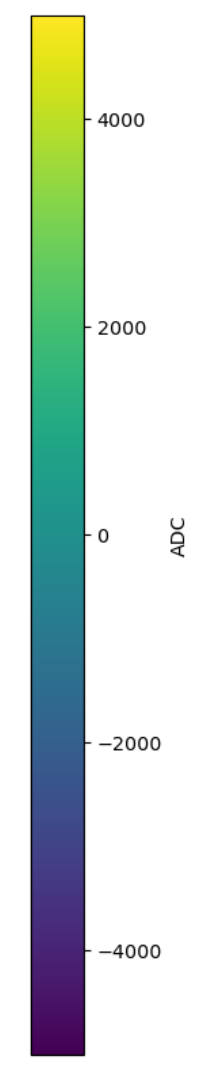
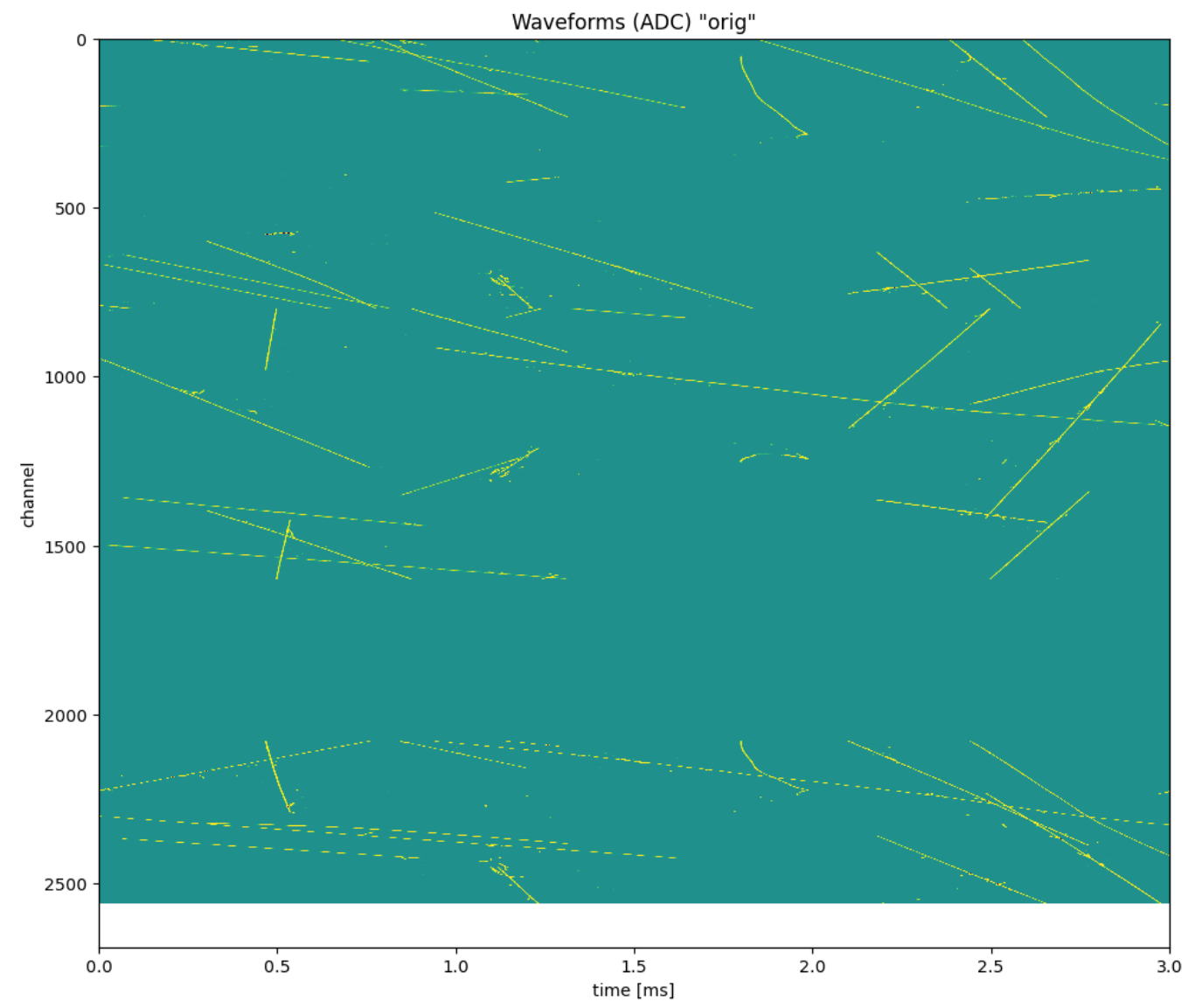
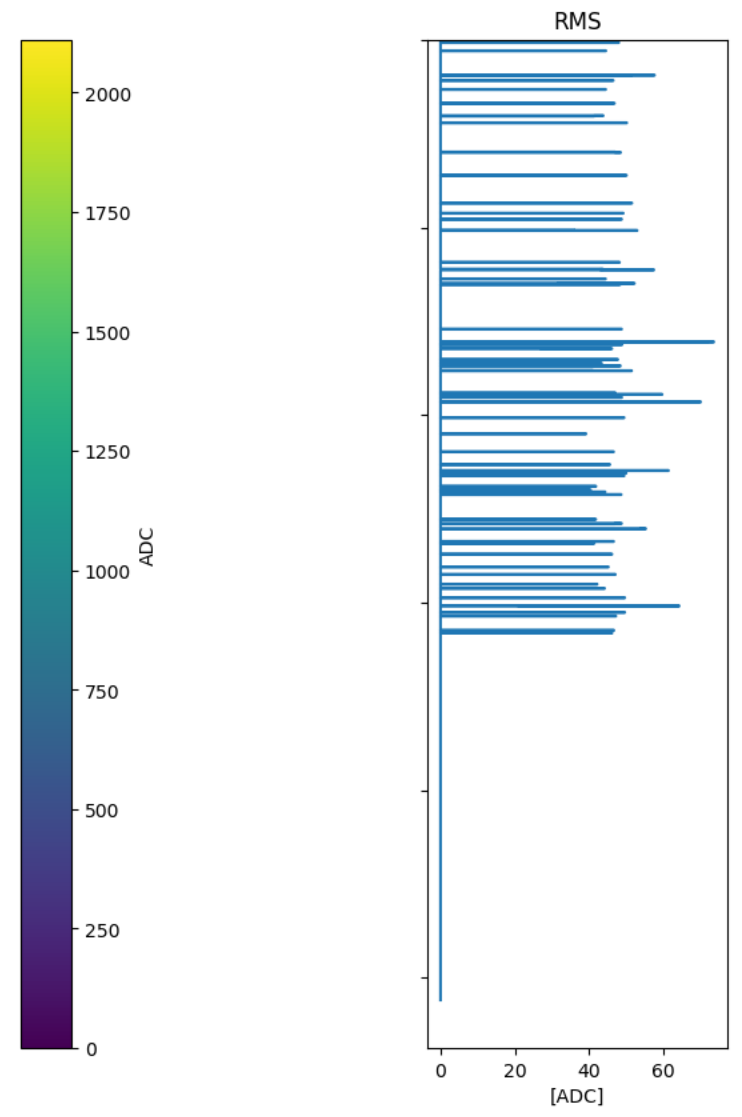
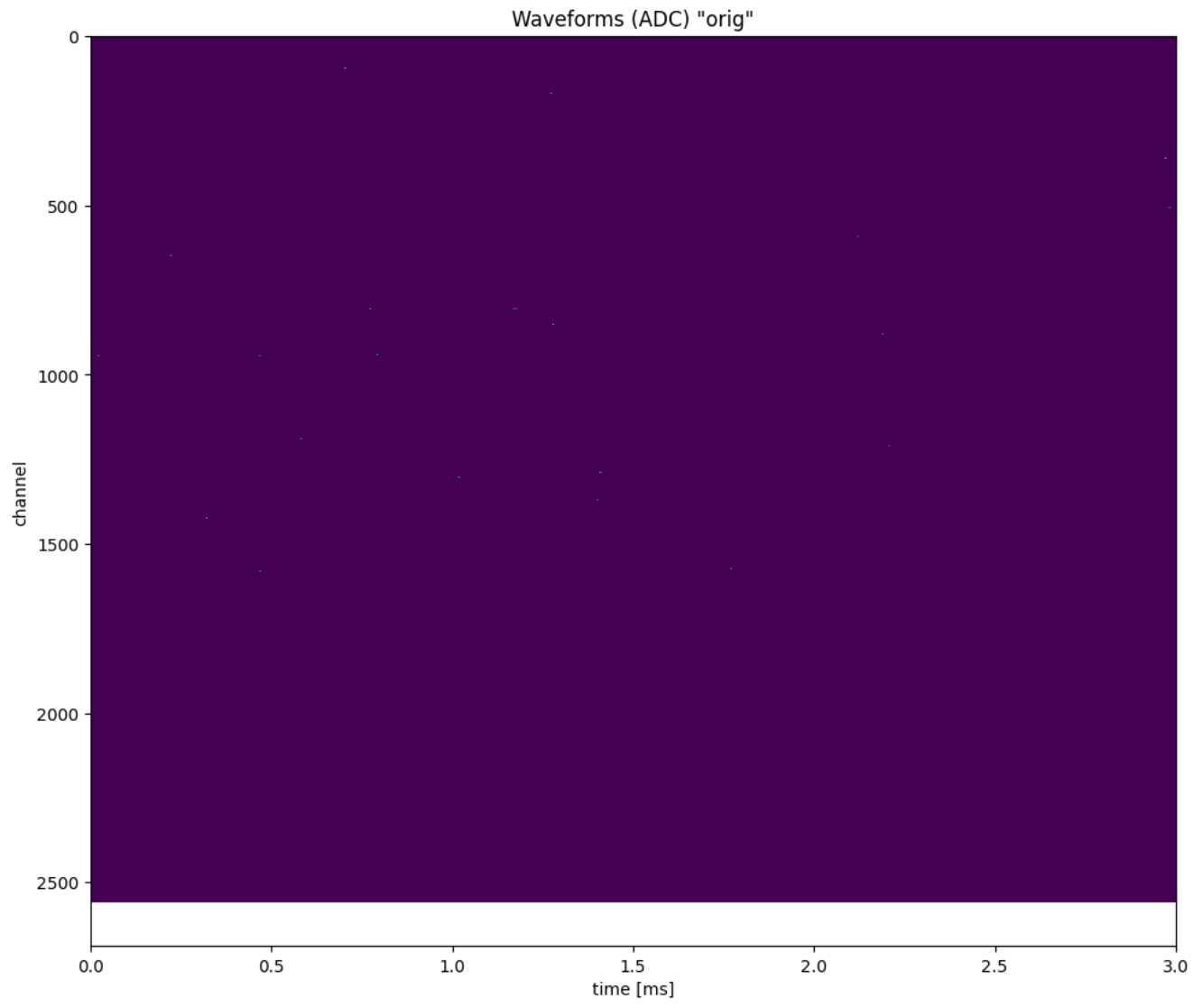


```
258 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::DepoTransform : 15.42 sec
259 [14:37:40.266] I [ timer ] Timer: WireCell::SigProc::OmnibusSigProc : 6.88 sec
260 [14:37:40.266] I [ timer ] Timer: WireCell::Root::MagnifySink : 0.93 sec
261 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::DepoSetDrifter : 0.77 sec
262 [14:37:40.266] I [ timer ] Timer: WireCell::Sio::FrameFileSink : 0.61 sec
263 [14:37:40.266] I [ timer ] Timer: WireCell::Sio::DepoFileSource : 0.59 sec
264 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::Digitizer : 0.39 sec
265 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::IncoherentAddNoise : 0.23 sec
266 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::Reframer : 0.02 sec
267 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::Retagger : 0.01 sec
268 [14:37:40.266] I [ timer ] Timer: WireCell::Root::MagnifySink : 0 sec
269 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::FrameFanin : 0 sec
270 [14:37:40.266] I [ timer ] Timer: WireCell::Gen::DepoSetFanout : 0 sec
271 [14:37:40.266] I [ timer ] Timer: Total node execution : 25.850000156089664 sec
272 [14:37:40.268] D [ main ] finalizing component: "FrameFileSink":""
273 [14:37:40.268] D [ io ] <FrameFileSink:> closing frames-0.29.2.tar.bz2 after 2 calls
```

```
[04:39:49.950] I [ timer ] Timer: WireCell::SigProc::OmnibusSigProc : 6.42 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Root::MagnifySink : 1 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Root::MagnifySink : 0.77 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::DepoSetDrifter : 0.76 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Sio::FrameFileSink : 0.6 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Sio::DepoFileSource : 0.58 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::Digitizer : 0.39 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::IncoherentAddNoise : 0.22 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::DepoTransform : 0.17 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::Reframer : 0.01 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::DepoSetFanout : 0 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Root::MagnifySink : 0 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::FrameFanin : 0 sec
[04:39:49.950] I [ timer ] Timer: WireCell::Gen::Retagger : 0 sec
[04:39:49.950] I [ timer ] Timer: Total node execution : 10.920000040903687 sec
[04:39:49.952] D [ main ] finalizing component: "FrameFileSink":""
[04:39:49.952] D [ io ] <FrameFileSink:> closing frames-0.29.3.tar.bz2 after 2 calls
```

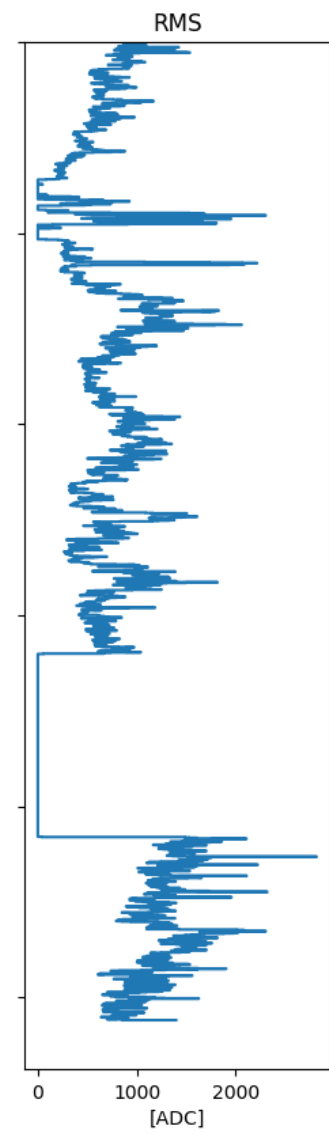
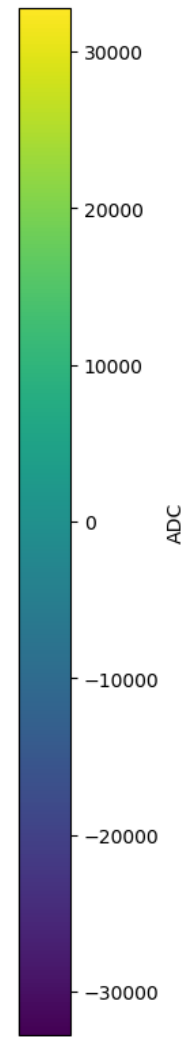
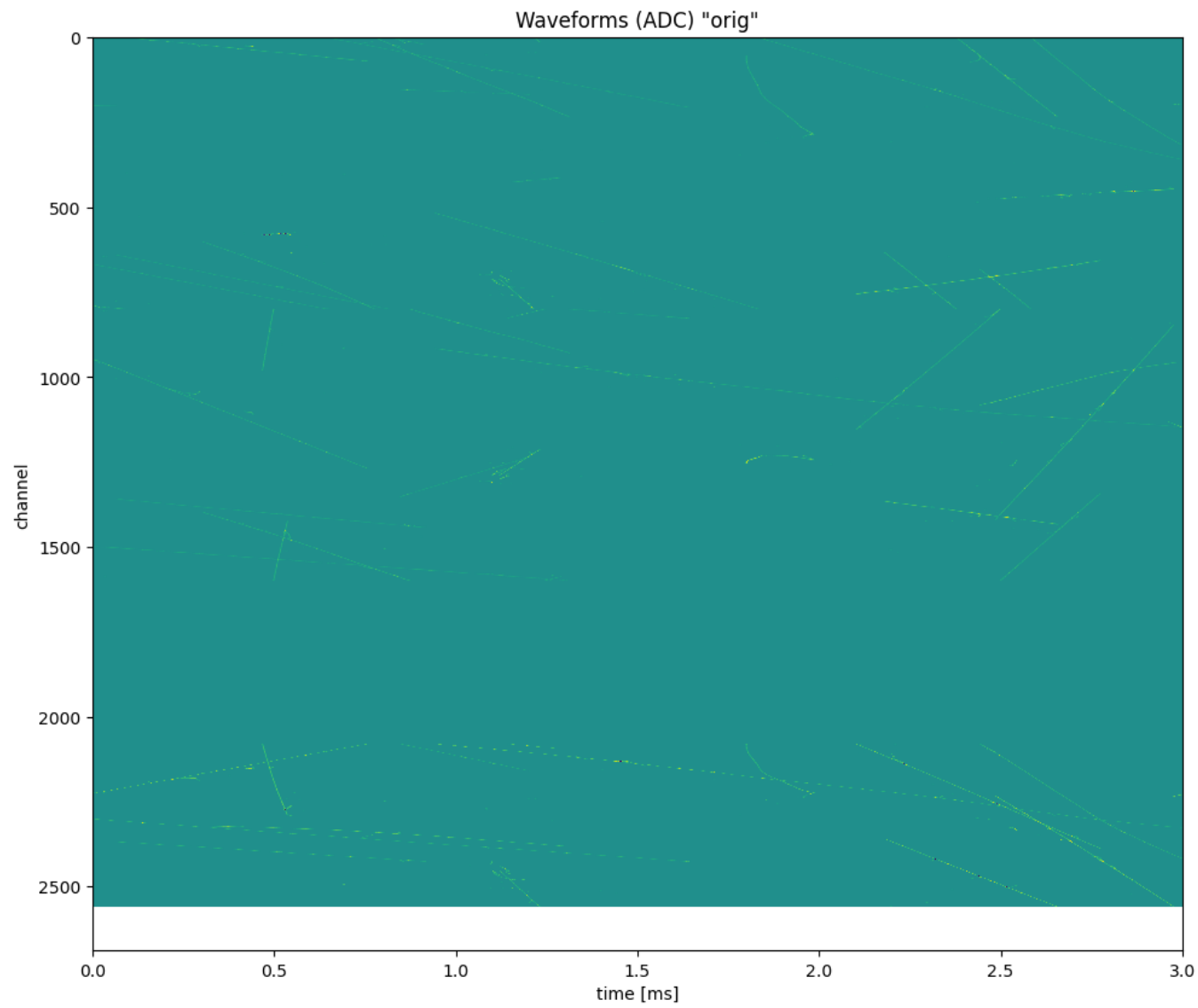




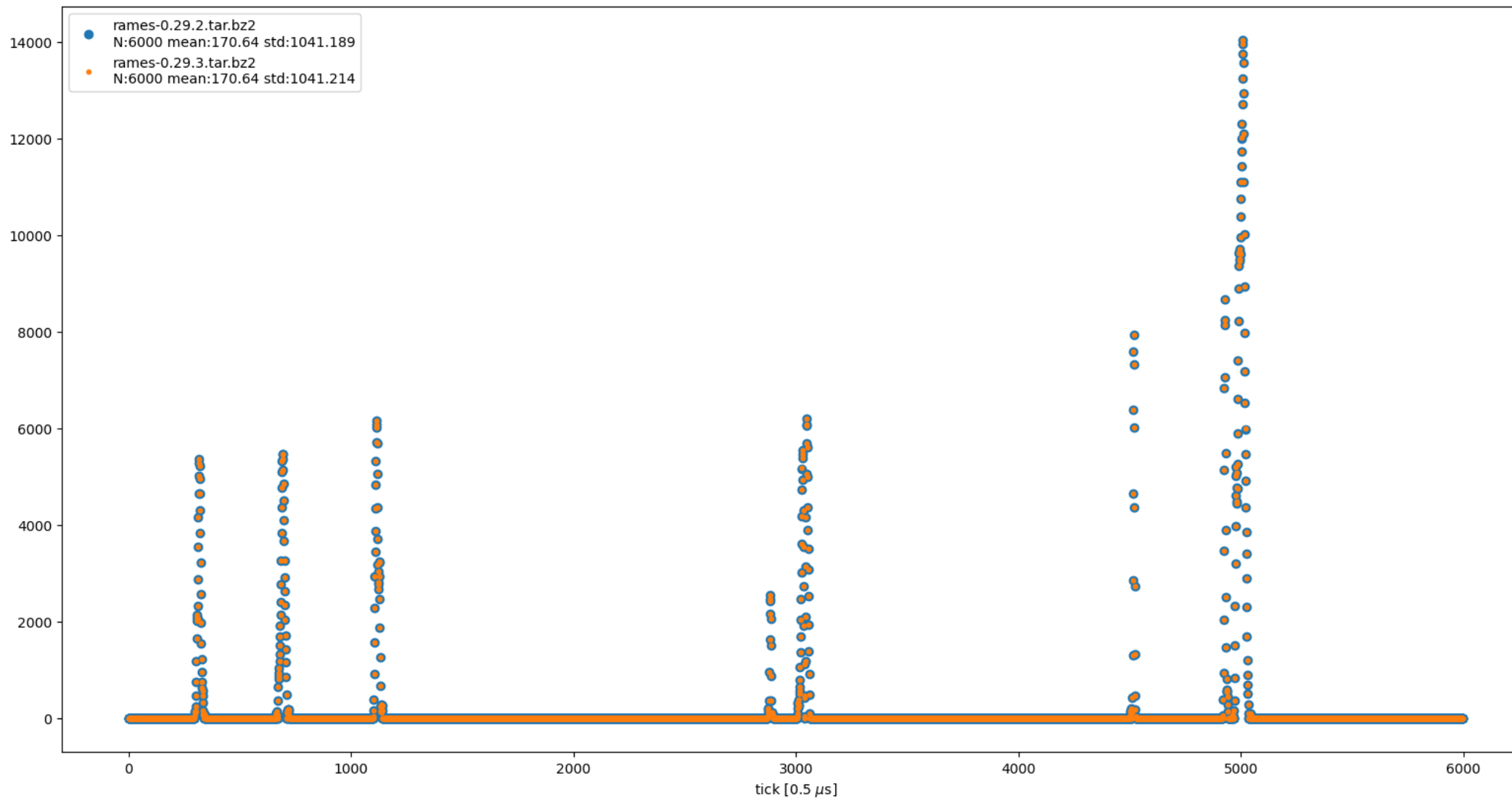
```

0 priors
185 [05:01:18.521] D [ gen ] <Drifter:> see EOS, ( dropped:211 + drifted:561859 ) / total:562070 depos from stream, outside of all 4
drift xregions
186 [05:01:18.531] D [ gen ] <DepoSetDrifter:> call=0 drifted ndepos=561859 Qout=-2510933266 (89.63025608637294%)
187 [05:01:18.564] D [ glue ] <DepoSetFanout:sn_mag_nf> call=0 fanout depo set 0 with 561859
188 [05:01:24.297] D [ gen ] <DepoTransform:depotransform-apa0> plane=0 face=0 depos=102369 total traces=986
189 [05:01:29.474] D [ gen ] <DepoTransform:depotransform-apa0> plane=1 face=0 depos=102369 total traces=2068
190 [05:01:33.452] D [ gen ] <DepoTransform:depotransform-apa0> plane=2 face=0 depos=102369 total traces=2548
191 [05:01:33.510] D [ gen ] <DepoTransform:depotransform-apa0> plane=0 face=1 depos=0 total traces=2548
192 [05:01:33.544] D [ gen ] <DepoTransform:depotransform-apa0> plane=1 face=1 depos=0 total traces=2548
193 [05:01:33.574] D [ gen ] <DepoTransform:depotransform-apa0> plane=2 face=1 depos=0 total traces=2548
194 [05:01:33.574] D [ gen ] <DepoTransform:depotransform-apa0> call=0 count=100 ndepos_in=561859 ndepos_used=102369
195 [05:01:33.574] D [ gen ] <DepoTransform:depotransform-apa0> output: frame: ident=100 time=-313898 tick=500 with 2548 traces. fra
me tags:[ ] 0 tagged trace sets:[ ] cmm:[ ]
196 [05:01:33.741] D [ gen ] <Reframer:reframer-apa0> input : frame: ident=100 time=-313898 tick=500 with 2548 traces. frame tags:[
] 0 tagged trace sets:[ ] cmm:[ ]
197 [05:01:33.741] D [ gen ] <Reframer:reframer-apa0> output: frame: ident=100 time=-249898 tick=500 with 2560 traces. frame tags:[
] 0 tagged trace sets:[ ] cmm:[ ]
177 [04:39:38.742] D [ main ] executing 1 apps, thread limit 0.
180 [04:39:38.942] D [ main ] executing 1 apps, thread limit 0:
181 [04:39:38.942] D [ main ] executing app: "Pgrapher"
182 [04:39:38.942] D [ pgraph ] <Pgrapher:> executing graph
183 [04:39:38.942] D [ pgraph ] executing with 14 nodes
184 [04:39:39.501] D [ io ] <DepoFileSource:> call=0 loaded 562070 active, 562070 total depos from i
h 0 priors
185 [04:39:40.236] D [ gen ] <Drifter:> see EOS, ( dropped:211 + drifted:561859 ) / total:562070 depos
drift xregions
186 [04:39:40.246] D [ gen ] <DepoSetDrifter:> call=0 drifted ndepos=561859 Qout=-2510933266 (89.6302
187 [04:39:40.279] D [ glue ] <DepoSetFanout:sn_mag_nf> call=0 fanout depo set 0 with 561859
188 [04:39:40.306] D [ gen ] <DepoTransform:depotransform-apa0> call=0 count=100 ndepos_in=561859 ndep
189 [04:39:40.306] D [ gen ] <DepoTransform:depotransform-apa0> output: frame: ident=100 time=-313898
tags:[ ] 0 tagged trace sets:[ ] cmm:[ ]
190 [04:39:40.462] D [ gen ] <Reframer:reframer-apa0> input : frame: ident=100 time=-313898 tick=500 w
0 tagged trace sets:[ ] cmm:[ ]
191 [04:39:40.462] D [ gen ] <Reframer:reframer-apa0> output: frame: ident=100 time=-249898 tick=500 w
] 0 tagged trace sets:[ ] cmm:[ ]

```



700 <= channel < 701



configure's cfg is based on default_cfg output

```
160 .....// type-name for the DFT to use
161 .....cfg["dft"] = "FftwDFT";
162
163 .....// Which plane to place charge onto
164 .....cfg["process_planes"] = Json::arrayValue;
165
166 .....return cfg;
167 }
168
169 bool Gen::DepoTransform::operator()(const input_pointer& in, output_pointer& out)
170 {
171 .....if (!in) {
```

```
165 .....// type-name for the DFT to use
166 .....cfg["dft"] = "FftwDFT";
167
168 .....// Which plane to place charge onto
169+ .....// cfg["process_planes"] = Json::arrayValue;
170+ .....// cfg["process_planes"].append(0);
171+ .....// cfg["process_planes"].append(1);
172+ .....// cfg["process_planes"].append(2);
173
174 .....return cfg;
175 }
176
177 bool Gen::DepoTransform::operator()(const input_po
178 {
179 .....if (!in) {
```

```
[05:50:20.982] D [ gen ] <DepoTransform:depotransform-apa0> Configuration:
{
>---"anode" : "AnodePlane:apa0",
>---"dft" : "FftwDFT",
>---"drift_speed" : 0.001565,
>---"first_frame_number" : 100,
>---"fluctuate" : true,
>---"nsigma" : 3,
>---"pirs" :~
>---[
>--->---"PlaneImpactResponse:PIRfield0plane0",
>--->---"PlaneImpactResponse:PIRfield0plane1",
>--->---"PlaneImpactResponse:PIRfield0plane2"
>---],
>---"readout_time" : 3064000,
>---"rng" : "Random",
>---"start_time" : -313897.76357827475,
>---"tick" : 500
}
```