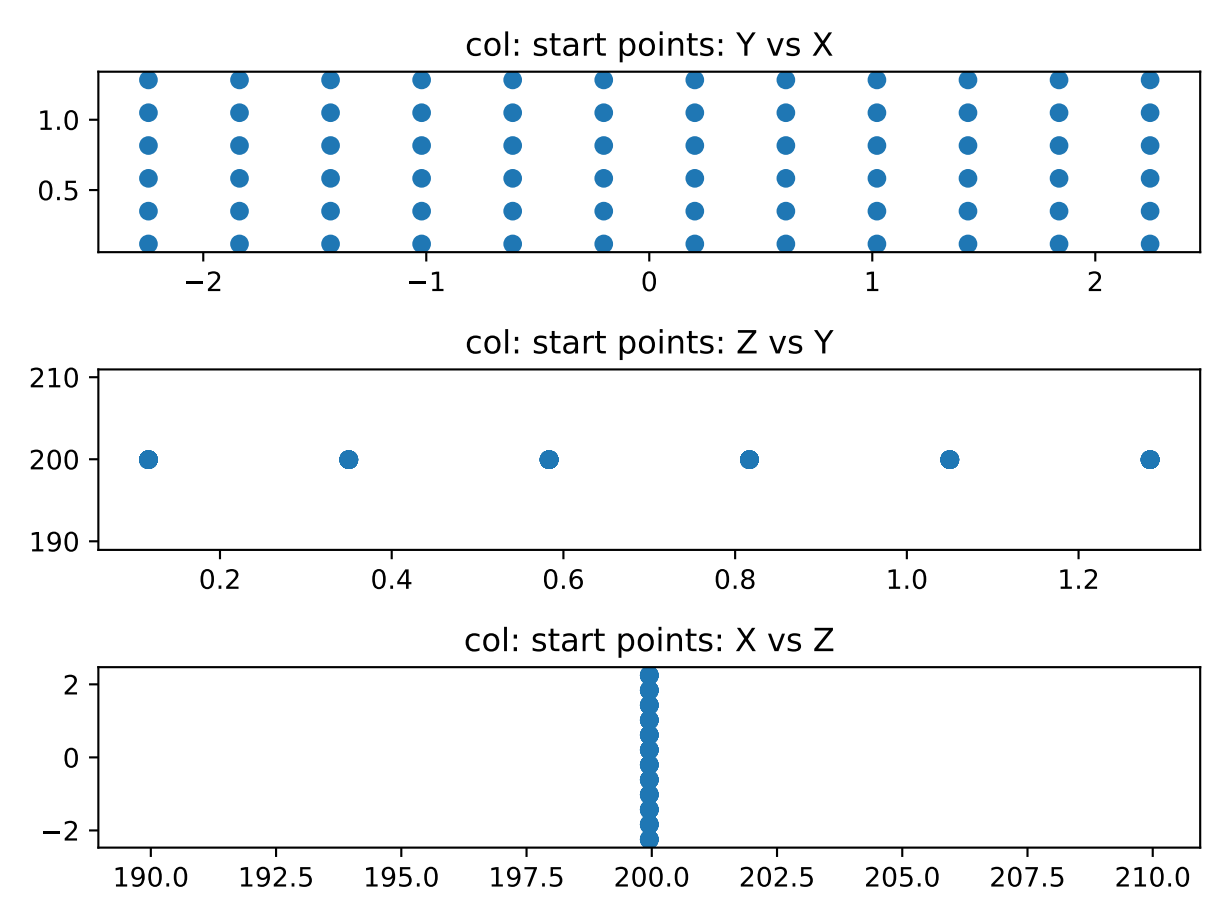
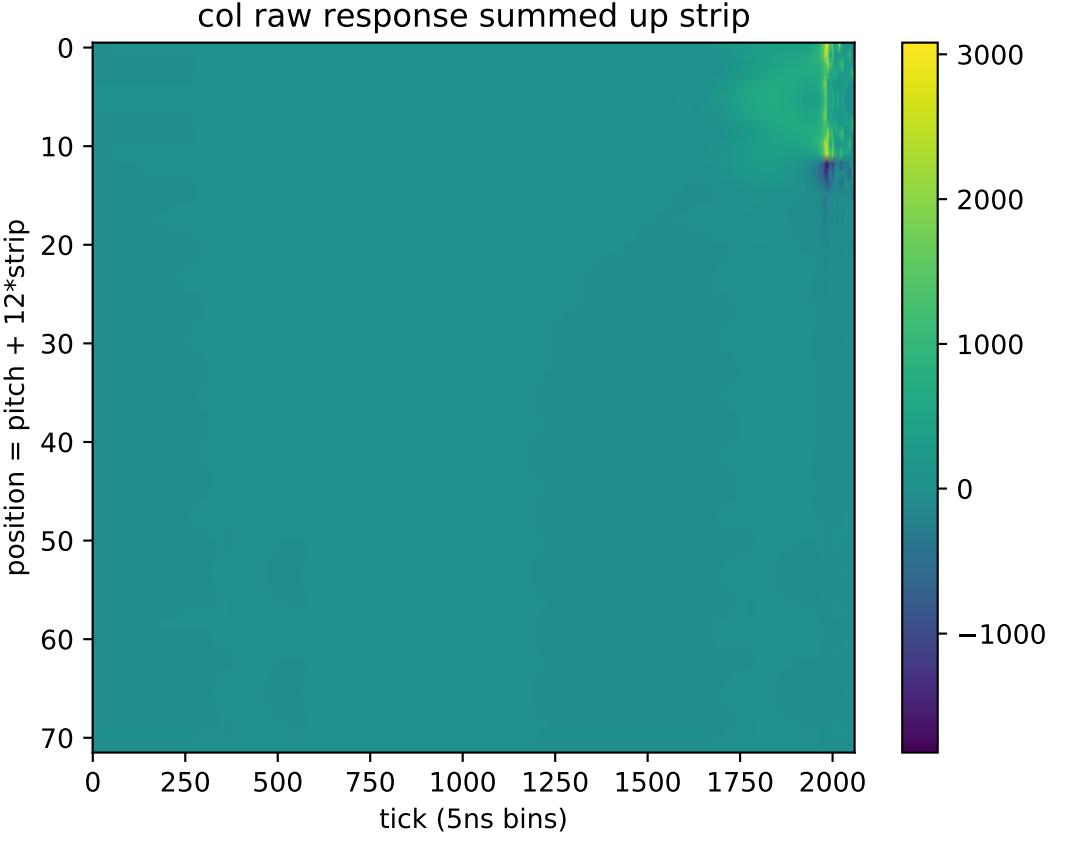
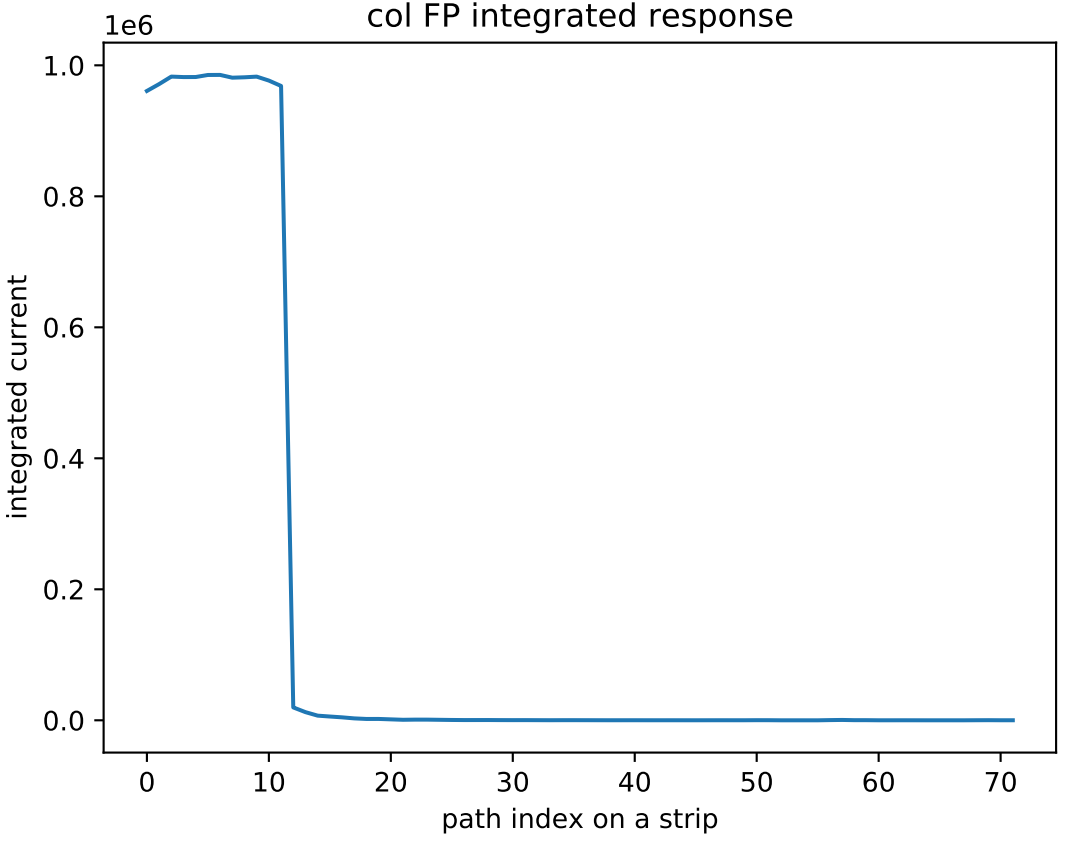
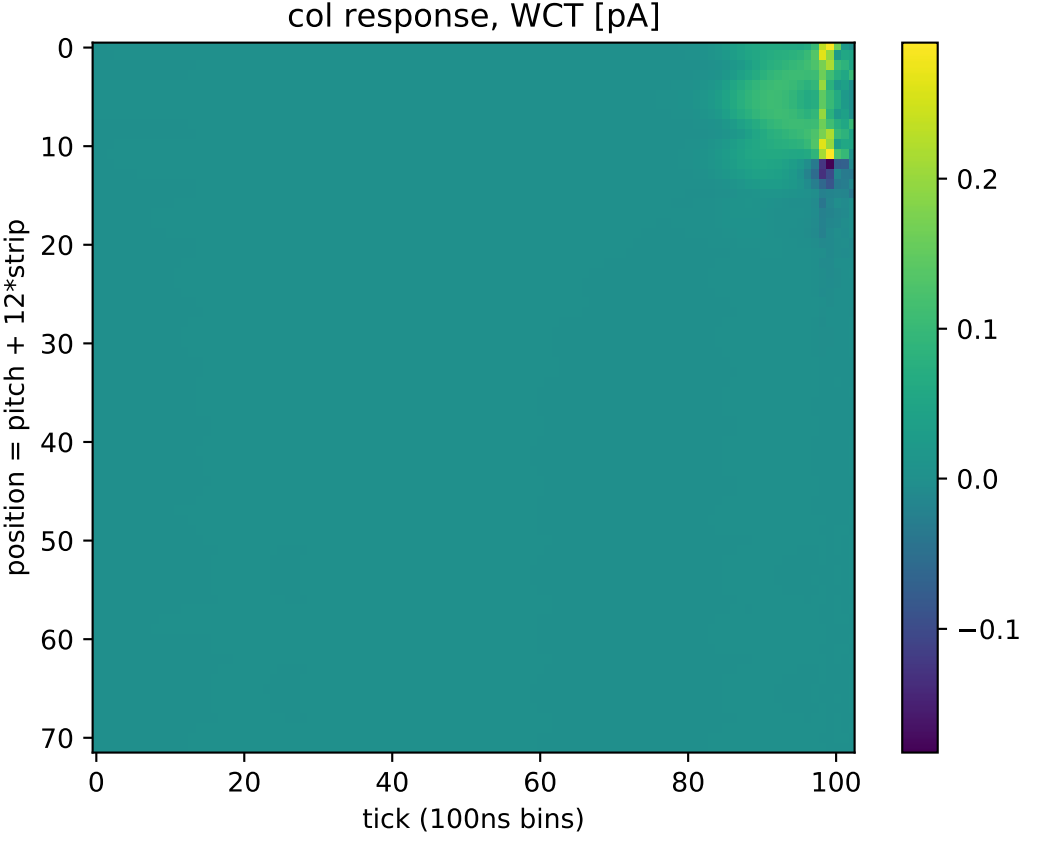
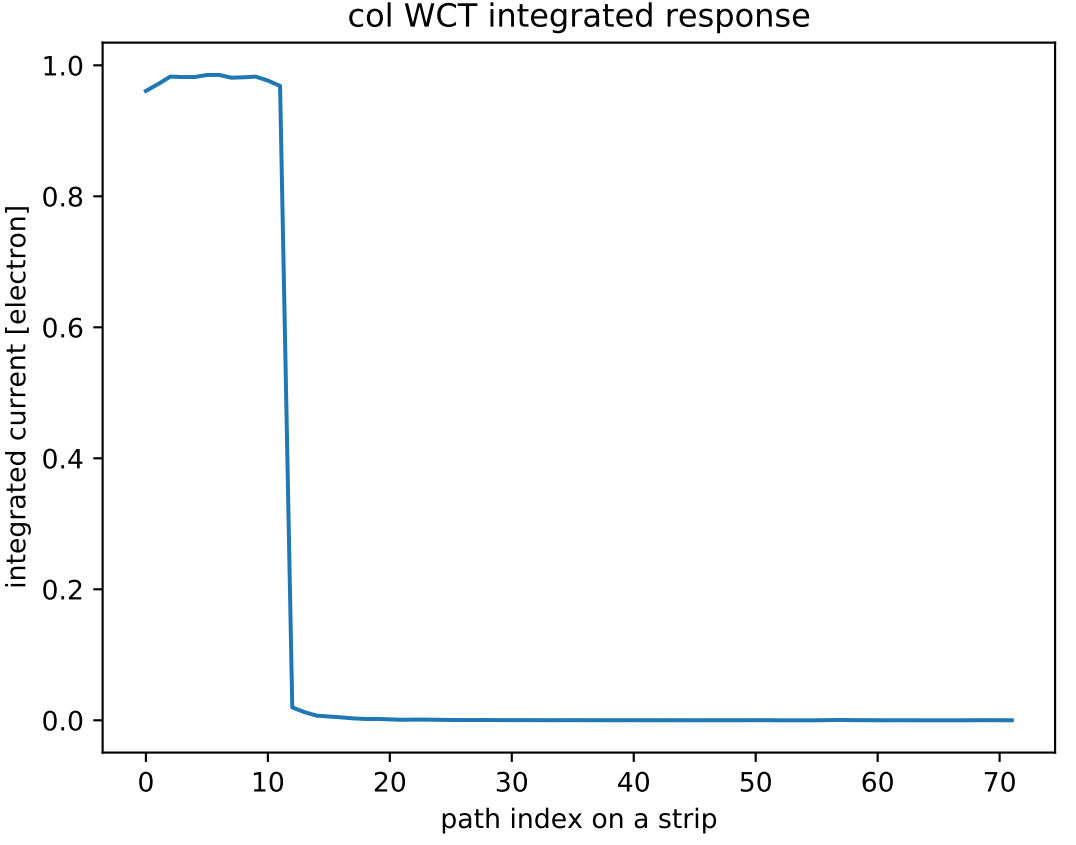
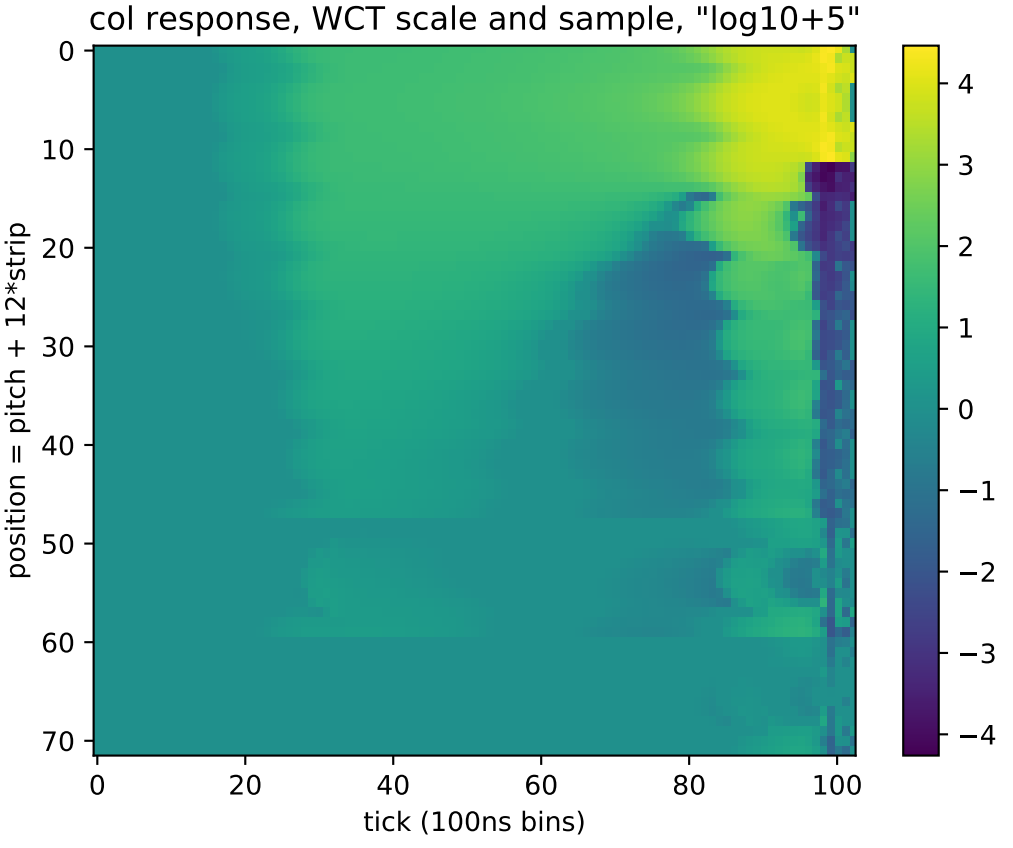

col: start points: Y vs X
1.0
0.5
−2
−1
0
1
2
col: start points: Z vs Y
210
200
190
0.2
0.4
0.6
0.8
1.0
1.2
col: start points: X vs Z
2
0
−2
190.0
192.5
195.0
197.5
200.0
202.5
205.0
207.5
210.0

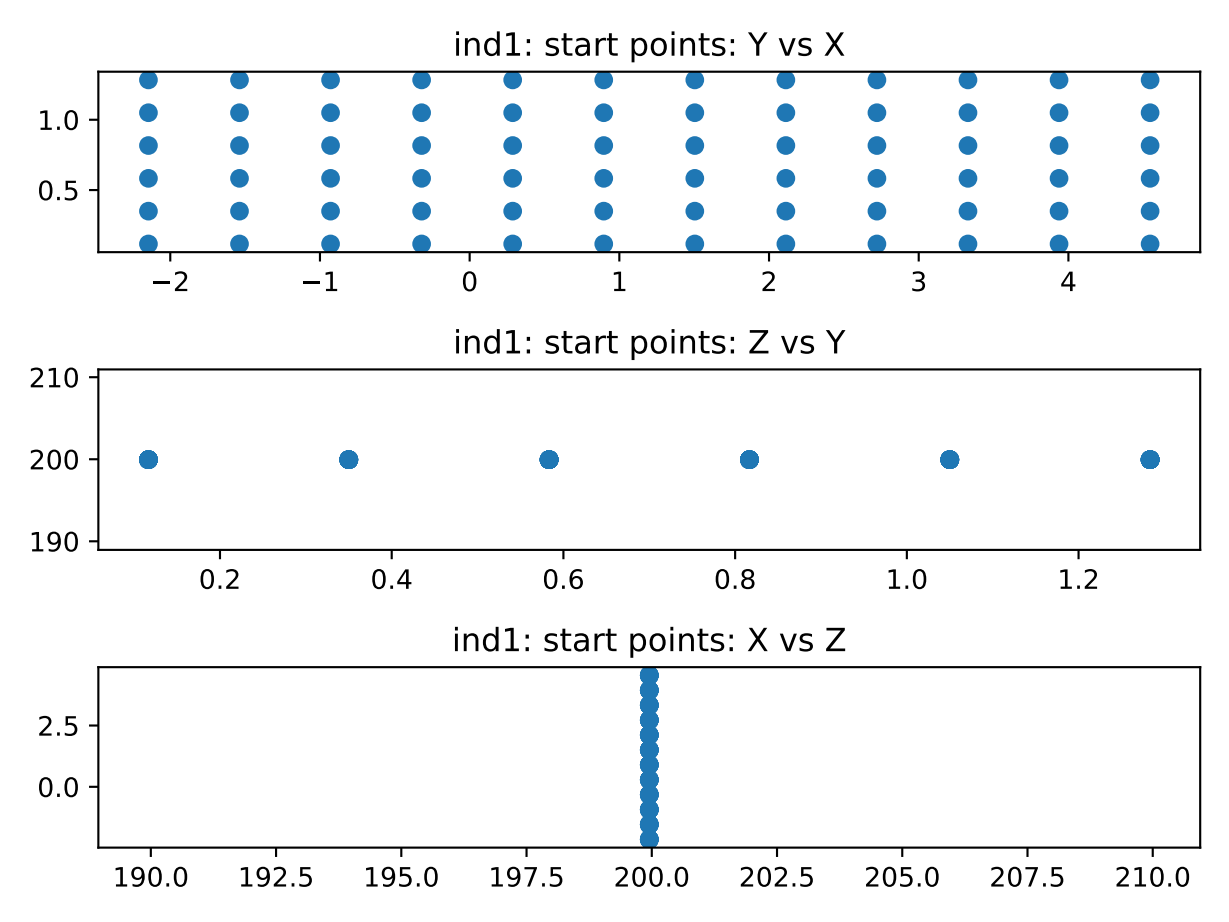

col raw response summed up strip
position = pitch + 12*strip
tick (5ns bins)
0
10
20
30
40
50
60
70
0
250
500
750
1000
1250
1500
1750
2000
3000
2000
1000
0
−1000

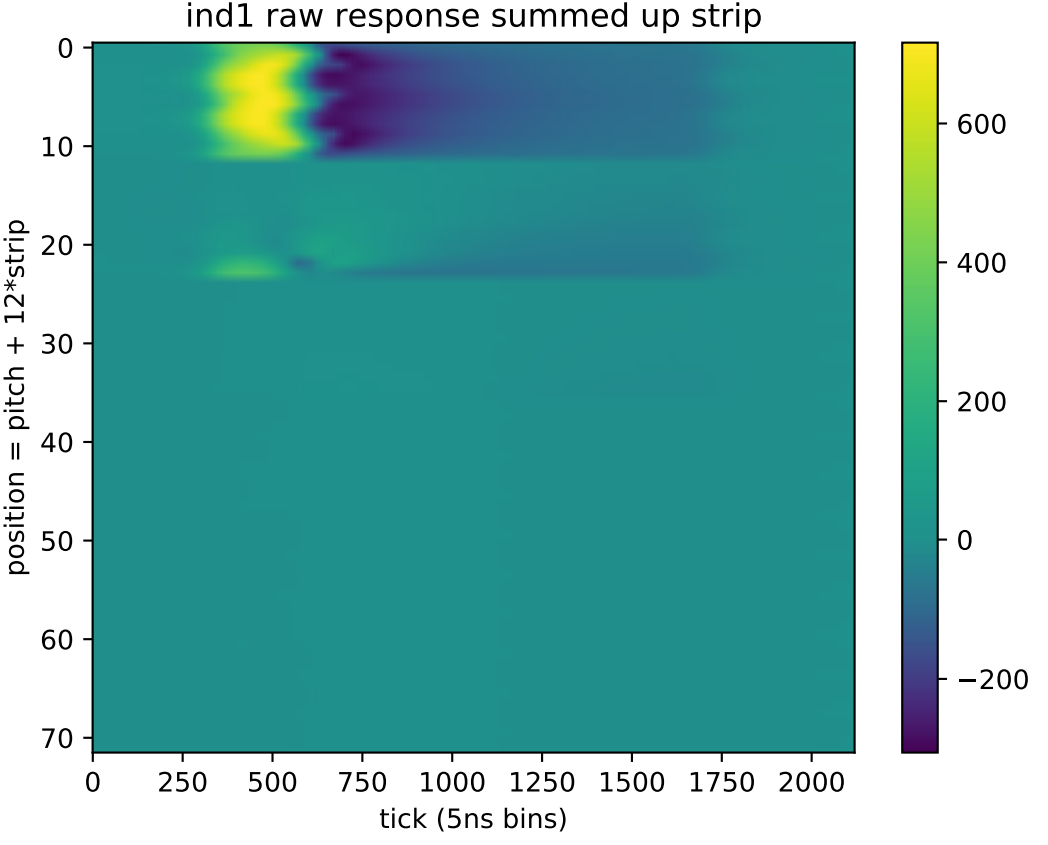

col FP integrated response
1e6
1.0
0.8
0.6
0.4
0.2
0.0
integrated current
0
10
20
30
40
50
60
70
path index on a strip

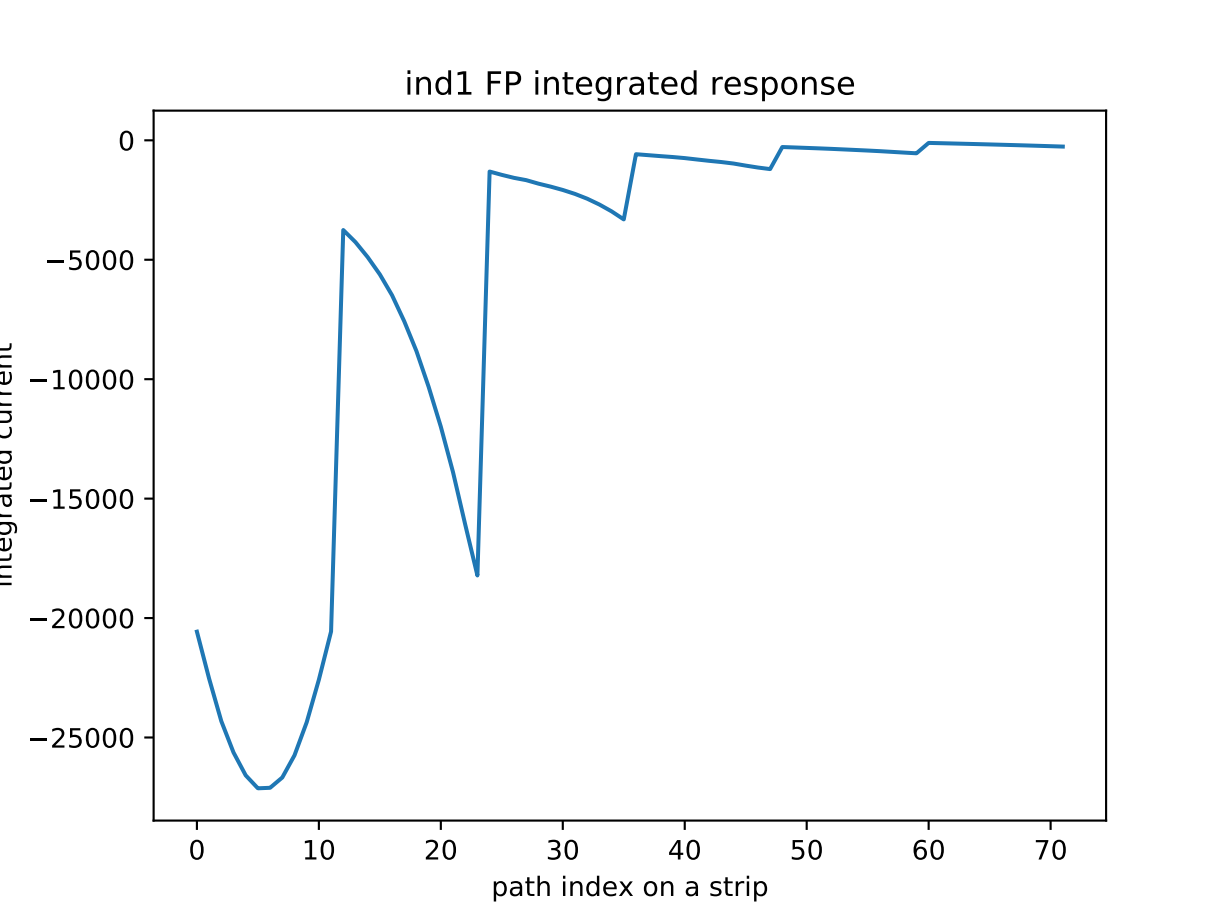

col response, WCT [pA]
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
0.2
0.1
0.0
−0.1

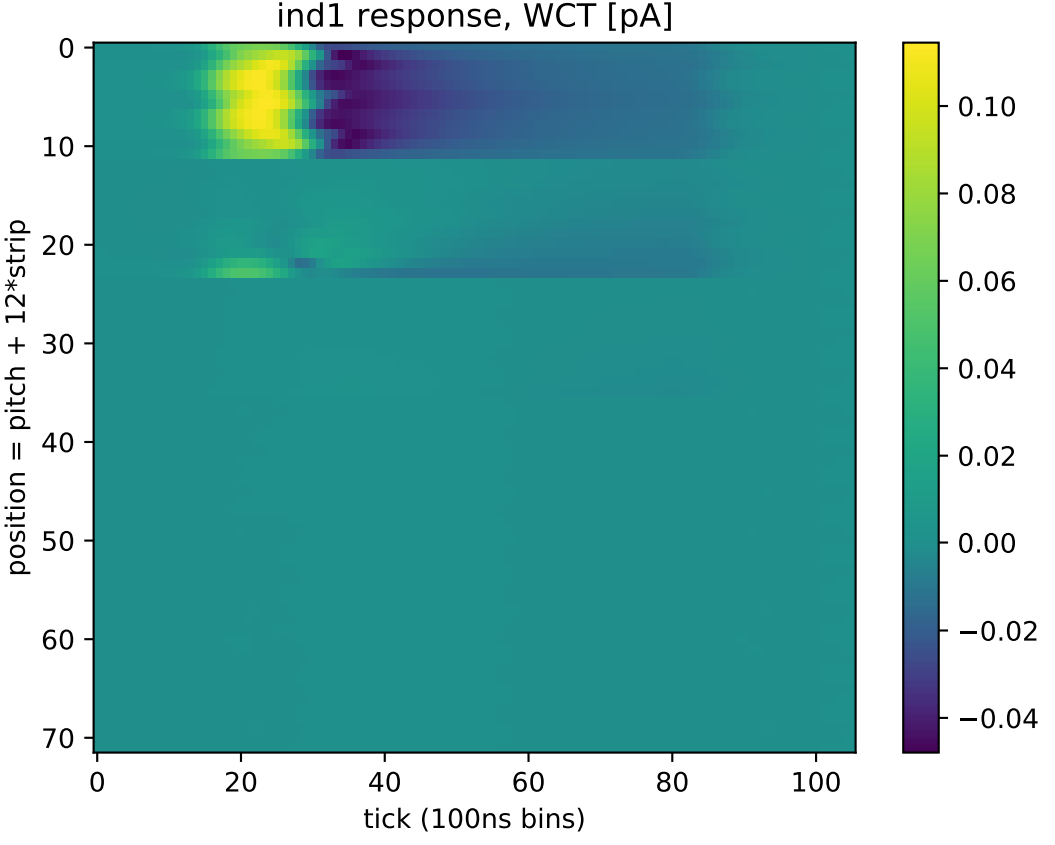

col WCT integrated response
integrated current [electron]
path index on a strip
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
70

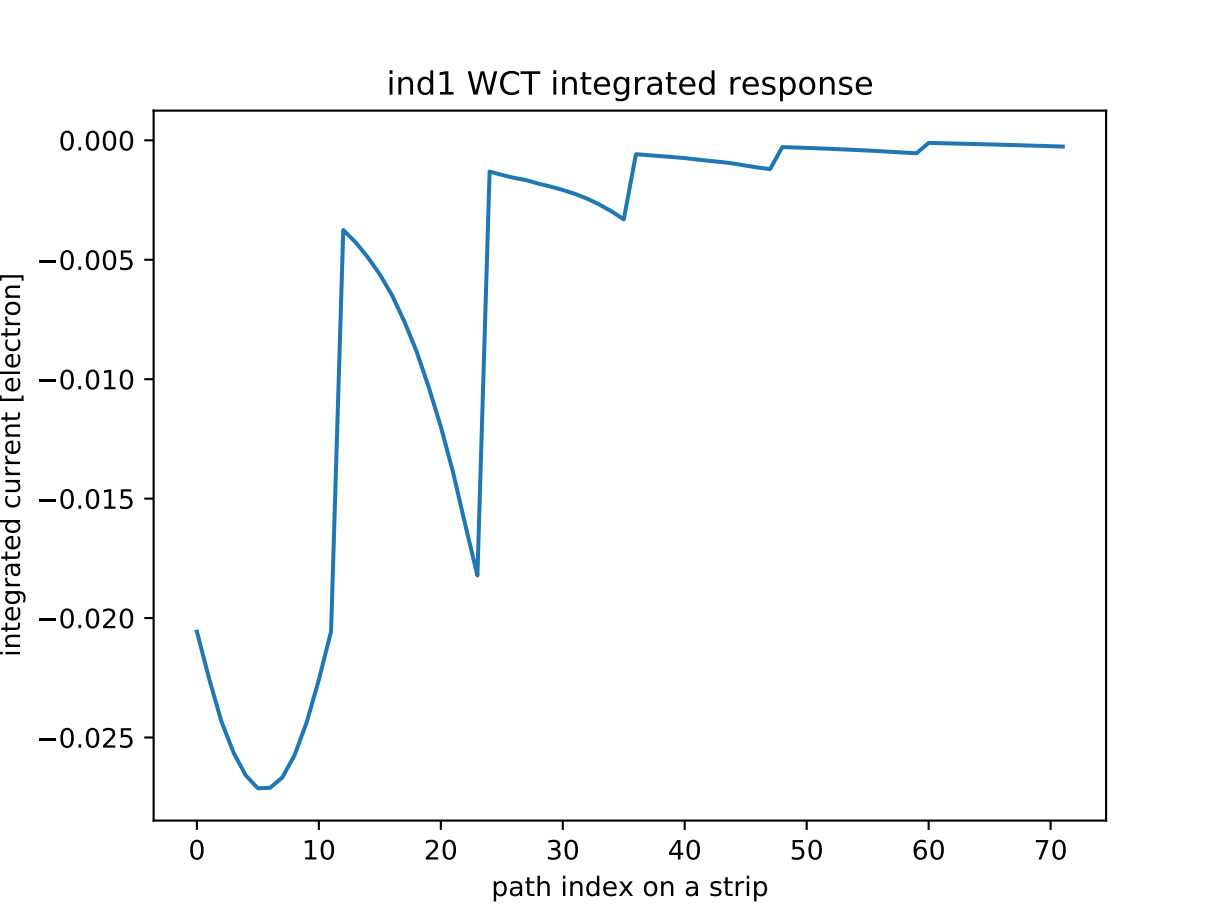

col response, WCT scale and sample, "log10+5"
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
4
3
2
1
0
−1
−2
−3
−4

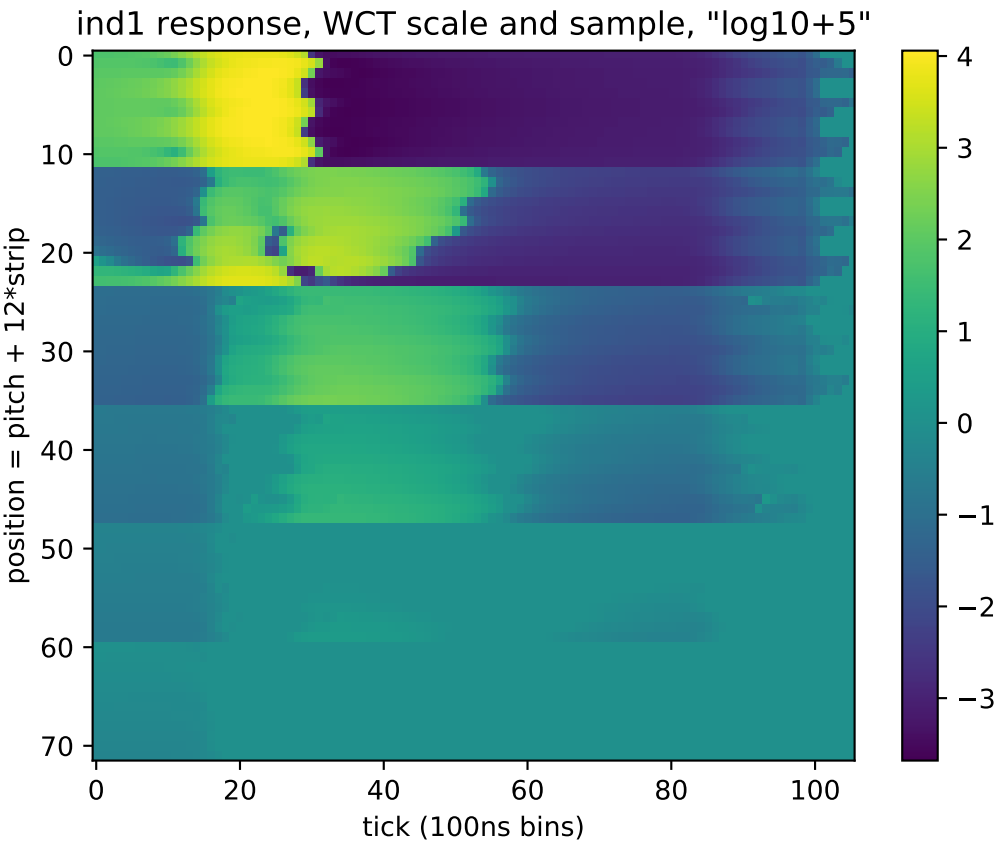

ind1: start points: Y vs X
1.0
0.5
−2
−1
0
1
2
3
4
ind1: start points: Z vs Y
210
200
190
0.2
0.4
0.6
0.8
1.0
1.2
ind1: start points: X vs Z
2.5
0.0
190.0
192.5
195.0
197.5
200.0
202.5
205.0
207.5
210.0

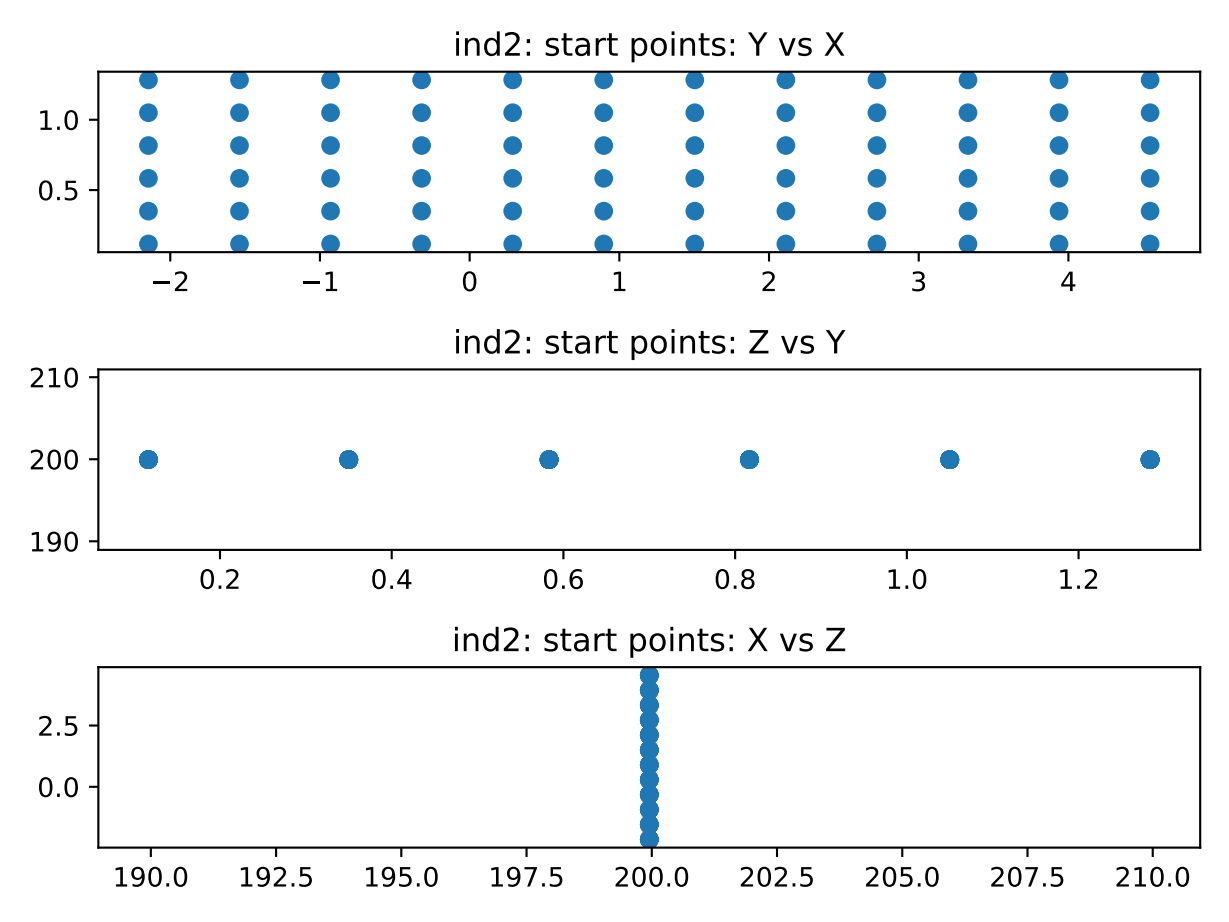

ind1 raw response summed up strip
position = pitch + 12*strip
tick (5ns bins)
0
10
20
30
40
50
60
70
0
250
500
750
1000
1250
1500
1750
2000
600
400
200
0
−200

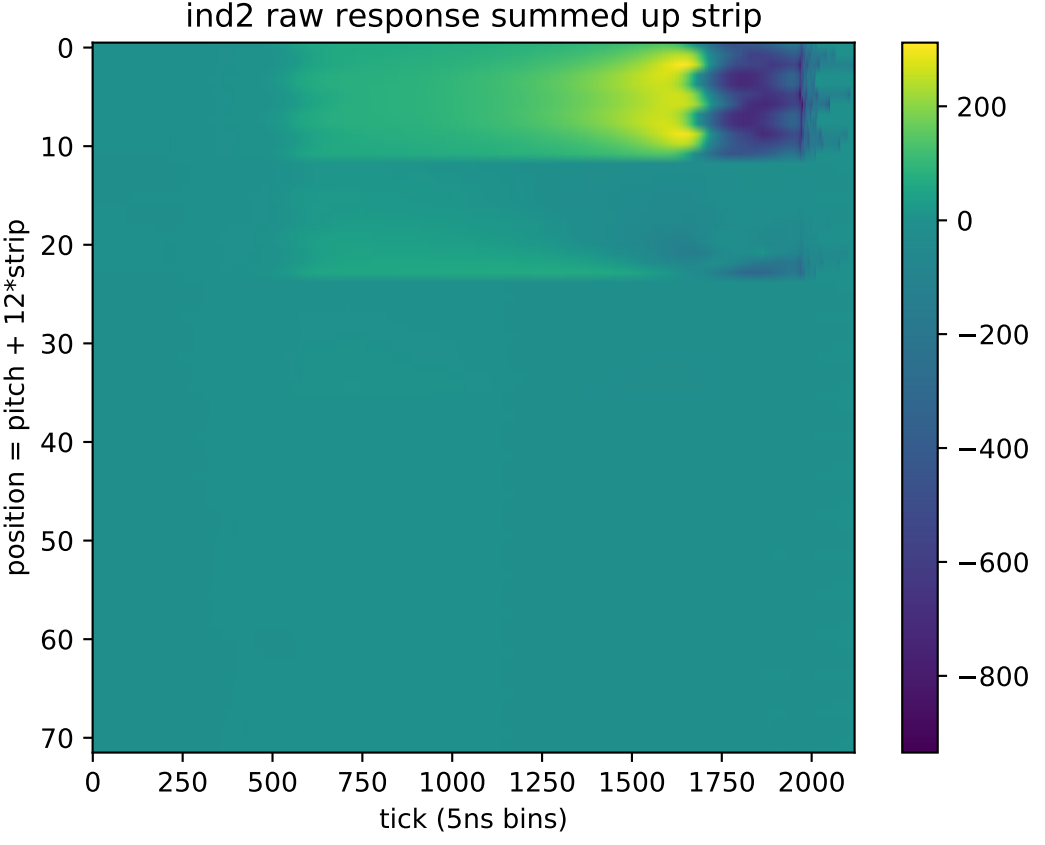

ind1 FP integrated response
0
−5000
−10000
−15000
−20000
−25000
Integrated current
0
10
20
30
40
50
60
70
path index on a strip

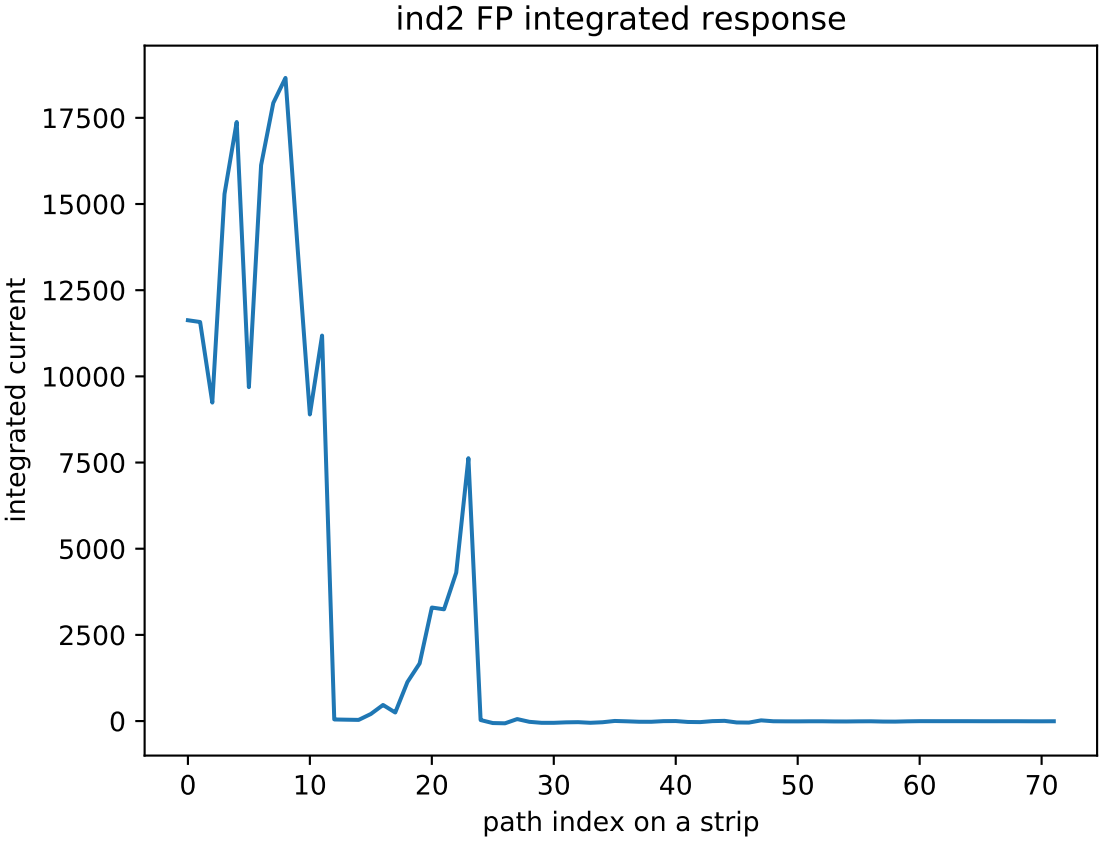

ind1 response, WCT [pA]
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04

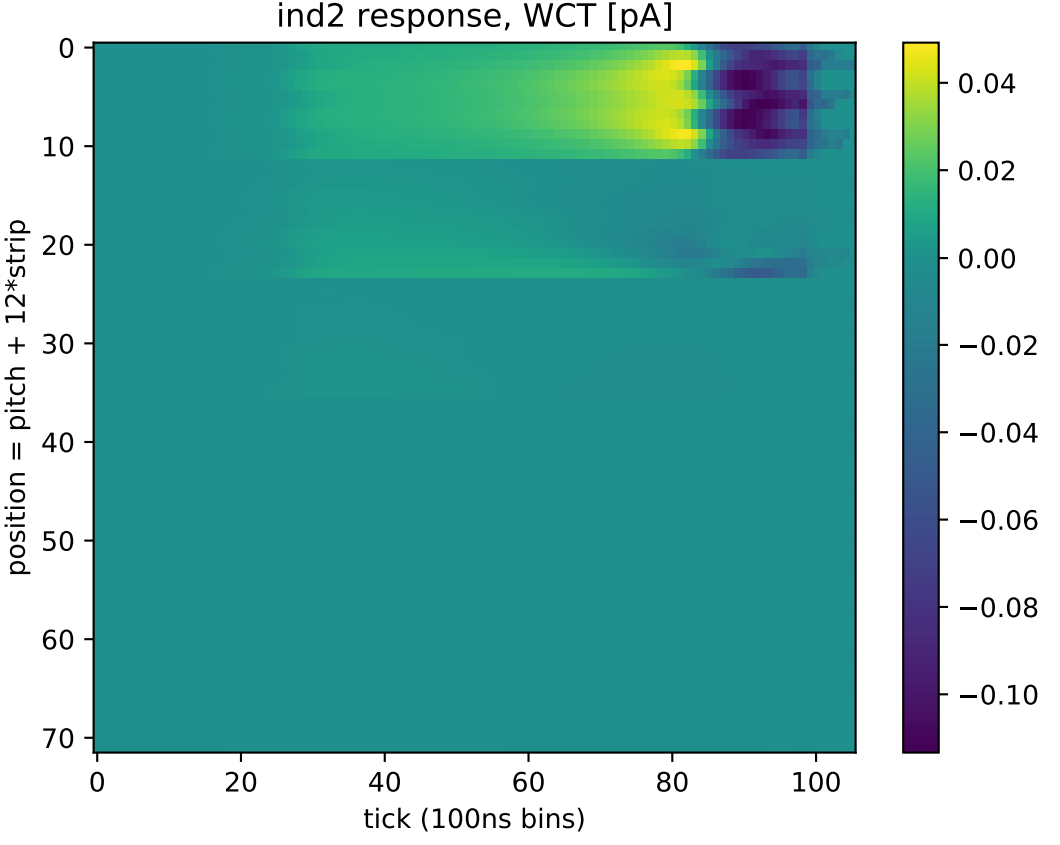

ind1 WCT integrated response
integrated current [electron]
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
0
10
20
30
40
50
60
70
path index on a strip

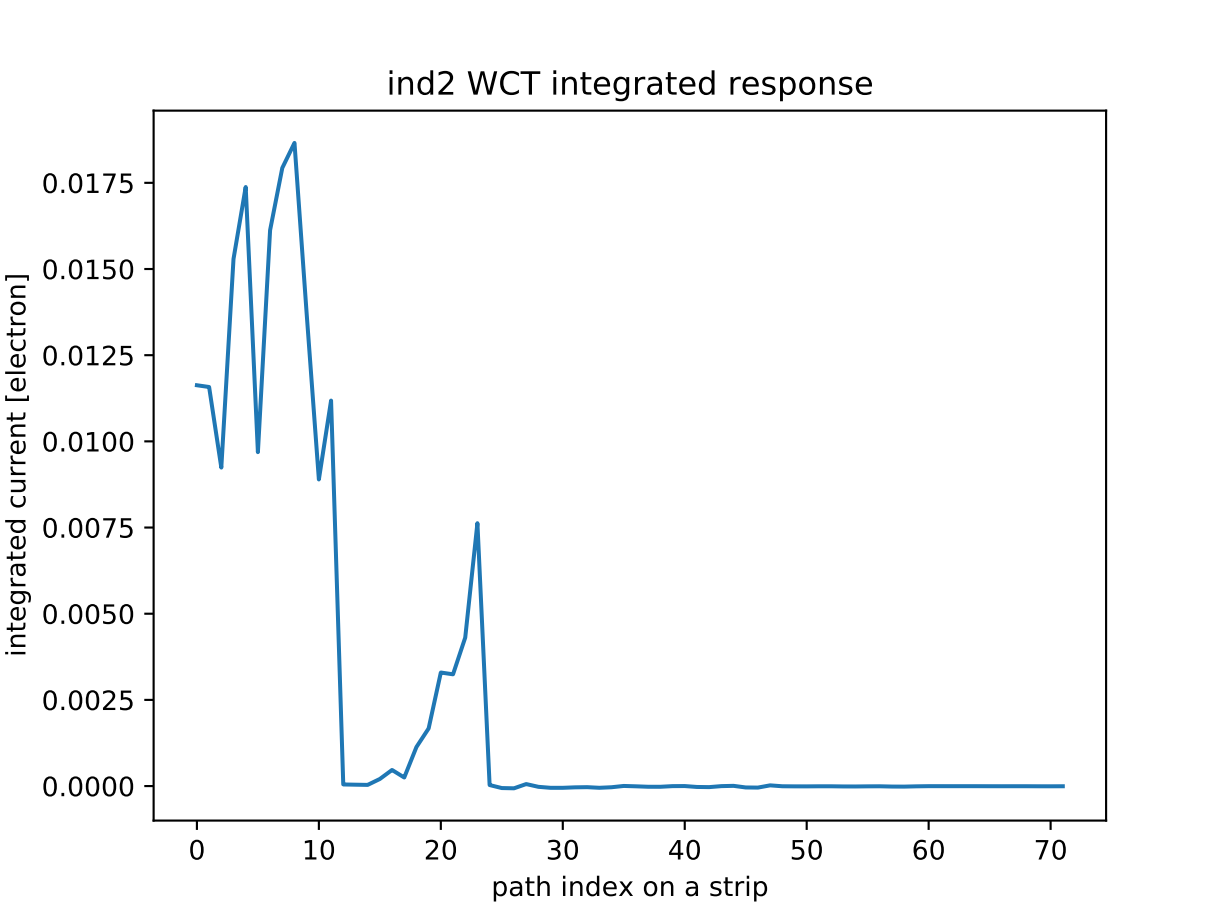

ind1 response, WCT scale and sample, "log10+5"
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
4
3
2
1
0
−1
−2
−3

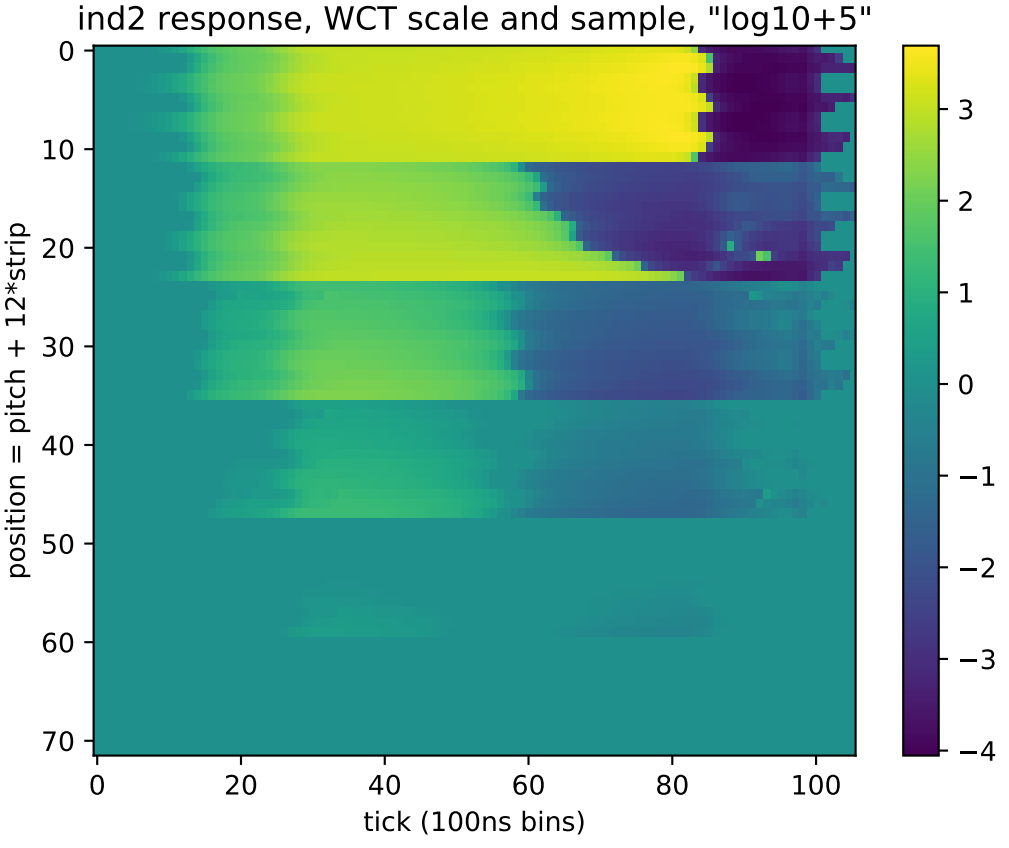

ind2: start points: Y vs X
1.0
0.5
−2
−1
0
1
2
3
4
ind2: start points: Z vs Y
210
200
190
0.2
0.4
0.6
0.8
1.0
1.2
ind2: start points: X vs Z
2.5
0.0
190.0
192.5
195.0
197.5
200.0
202.5
205.0
207.5
210.0


ind2 raw response summed up strip
position = pitch + 12*strip
tick (5ns bins)
0
10
20
30
40
50
60
70
0
250
500
750
1000
1250
1500
1750
2000
200
0
−200
−400
−600
−800


ind2 FP integrated response
integrated current
17500
15000
12500
10000
7500
5000
2500
0
0
10
20
30
40
50
60
70
path index on a strip


ind2 response, WCT [pA]
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10


ind2 WCT integrated response
integrated current [electron]
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0.0000
0
10
20
30
40
50
60
70
path index on a strip


ind2 response, WCT scale and sample, "log10+5"
position = pitch + 12*strip
tick (100ns bins)
0
10
20
30
40
50
60
70
0
20
40
60
80
100
3
2
1
0
−1
−2
−3
−4