Heavy Ion Simulation

Transient current response of 3D InP: 100V - 500V

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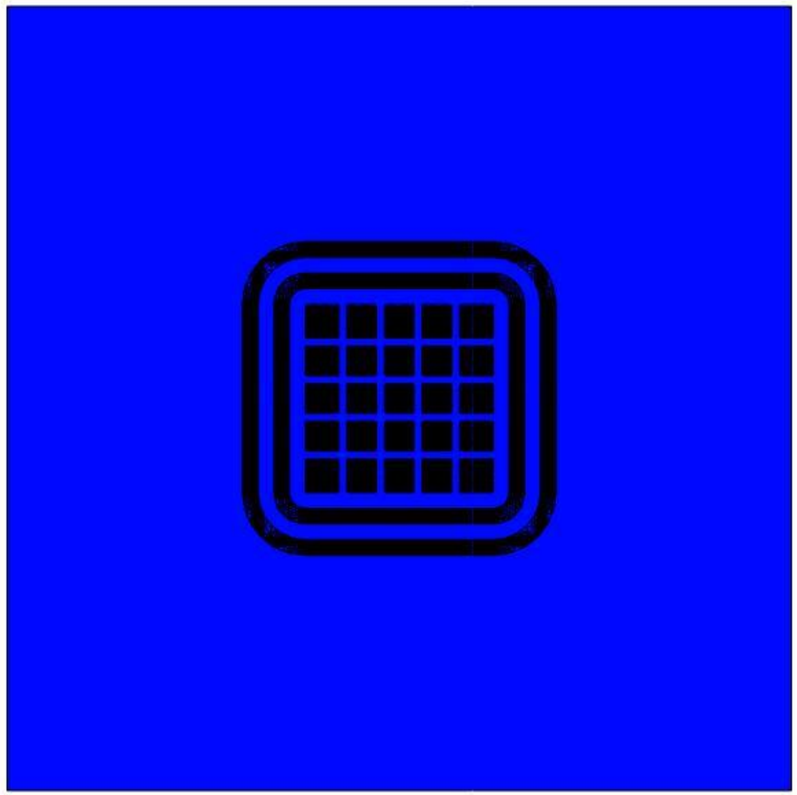
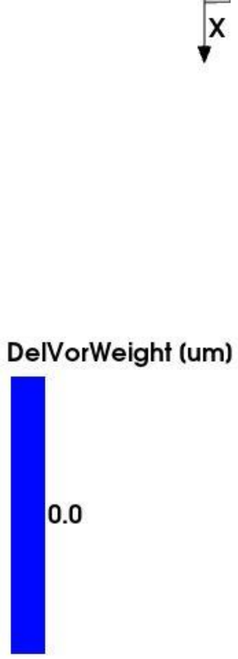
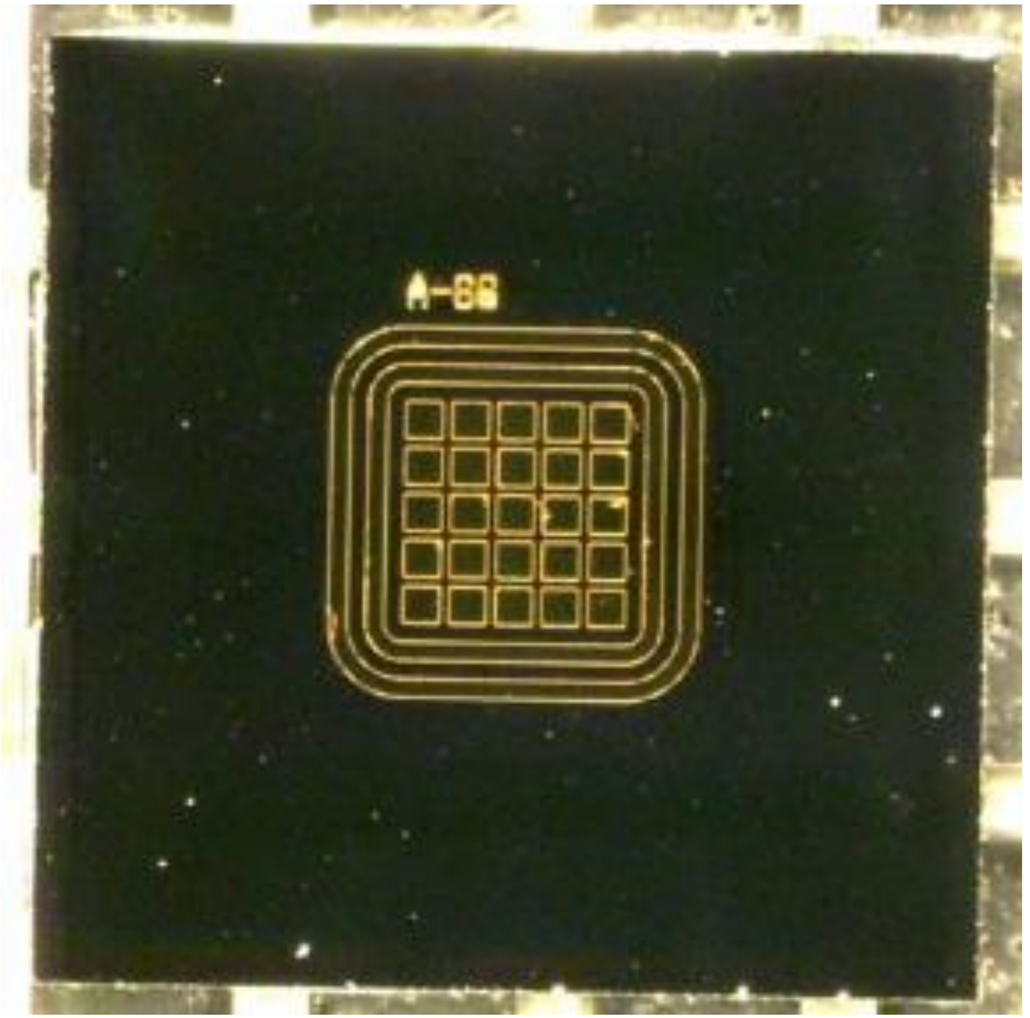
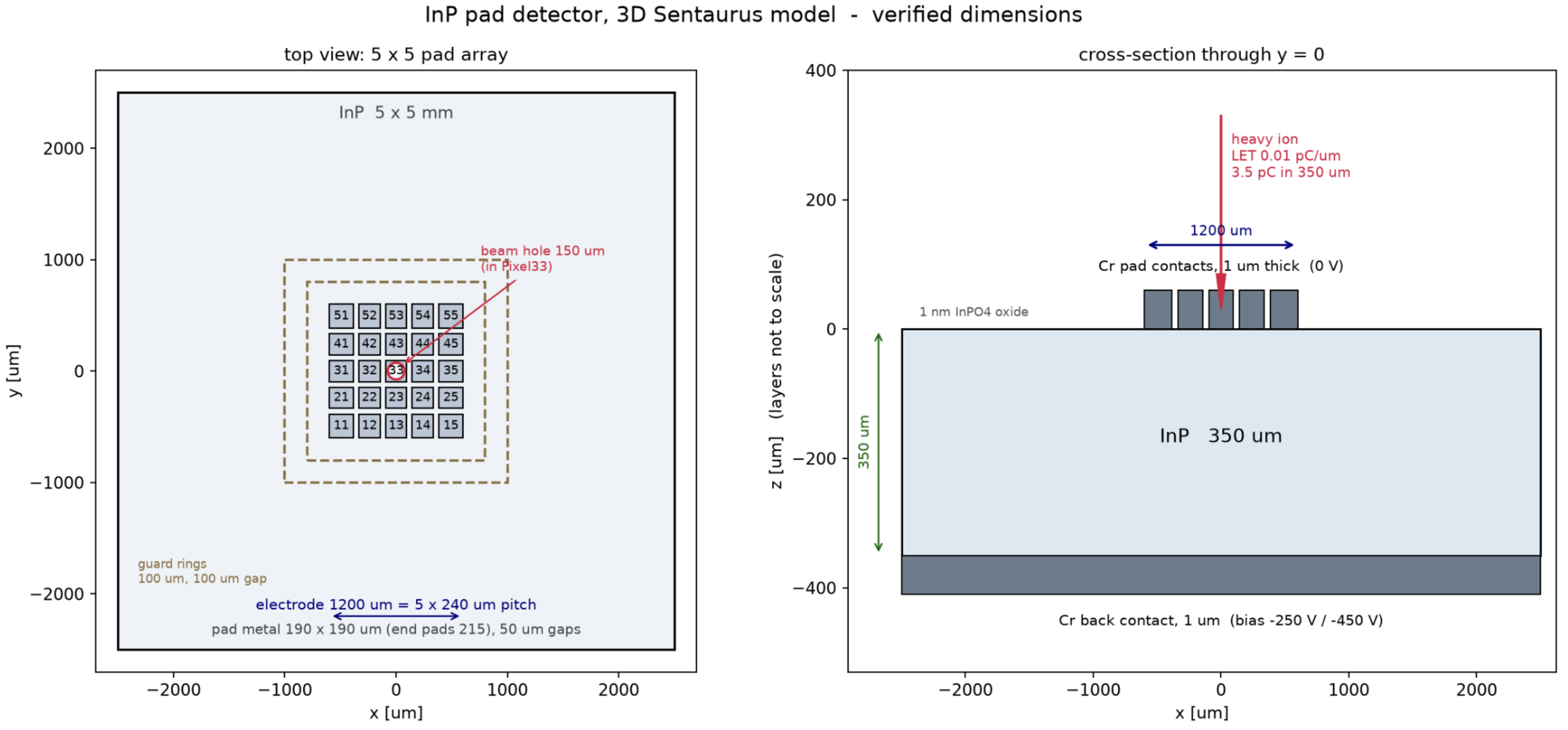
InP Detector





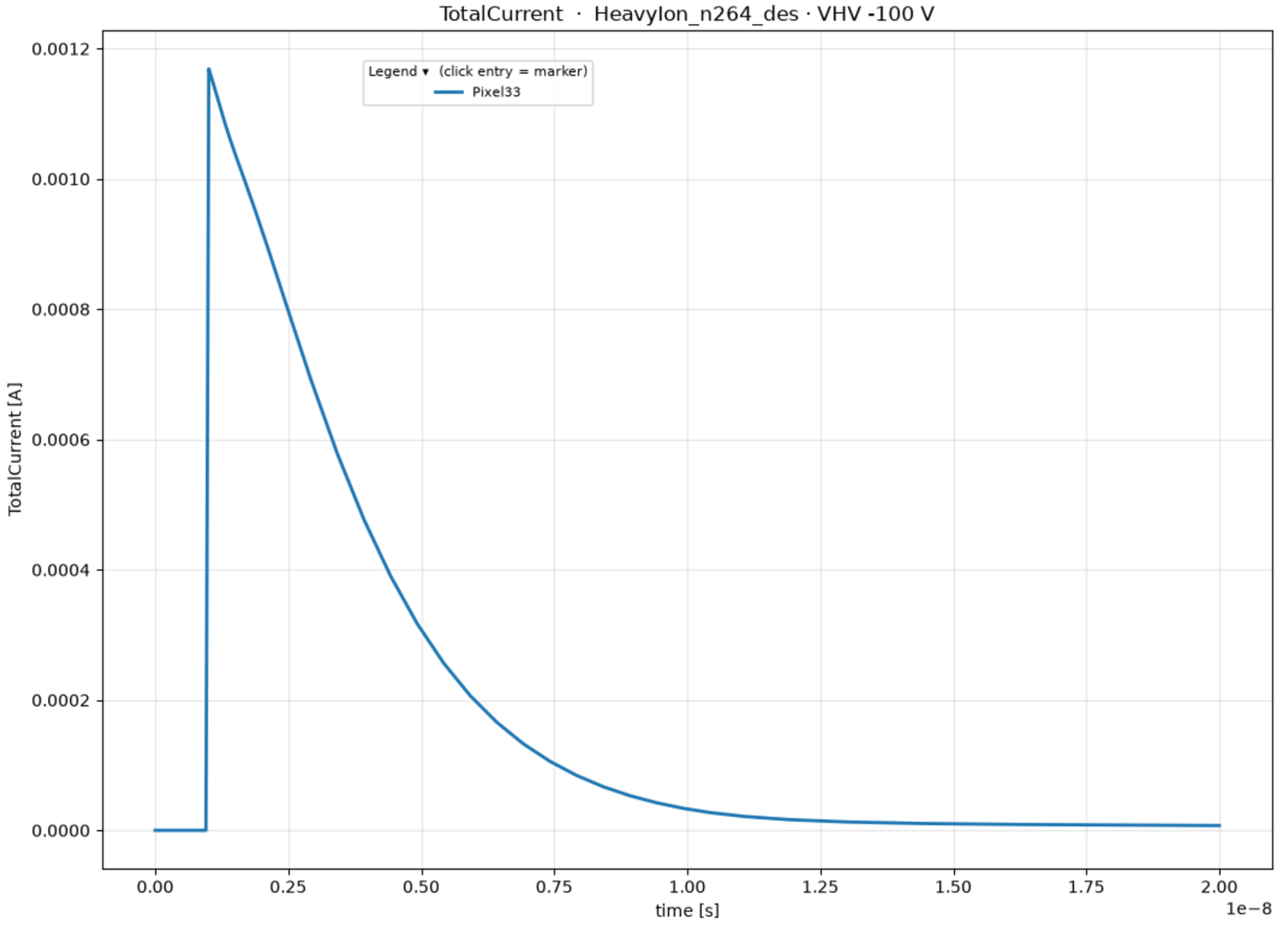



InP pad detector, 3D Sentaurus model - verified dimensions
top view: 5 x 5 pad array
InP 5 x 5 mm
beam hole 150 um
(in Pixel33)
51 52 53 54 55
41 42 43 44 45
31 32 33 34 35
21 22 23 24 25
11 12 13 14 15
guard rings
100 um, 100 um gap
electrode 1200 um = 5 x 240 um pitch
pad metal 190 x 190 um (end pads 215), 50 um gaps
y [um]
x [um]
cross-section through y = 0
heavy ion
LET 0.01 pC/um
3.5 pC in 350 um
1200 um
Cr pad contacts, 1 um thick (0 V)
1 nm InPO4 oxide
InP 350 um
350 um
Cr back contact, 1 um (bias -250 V / -450 V)
z [um] (layers not to scale)
x [um]

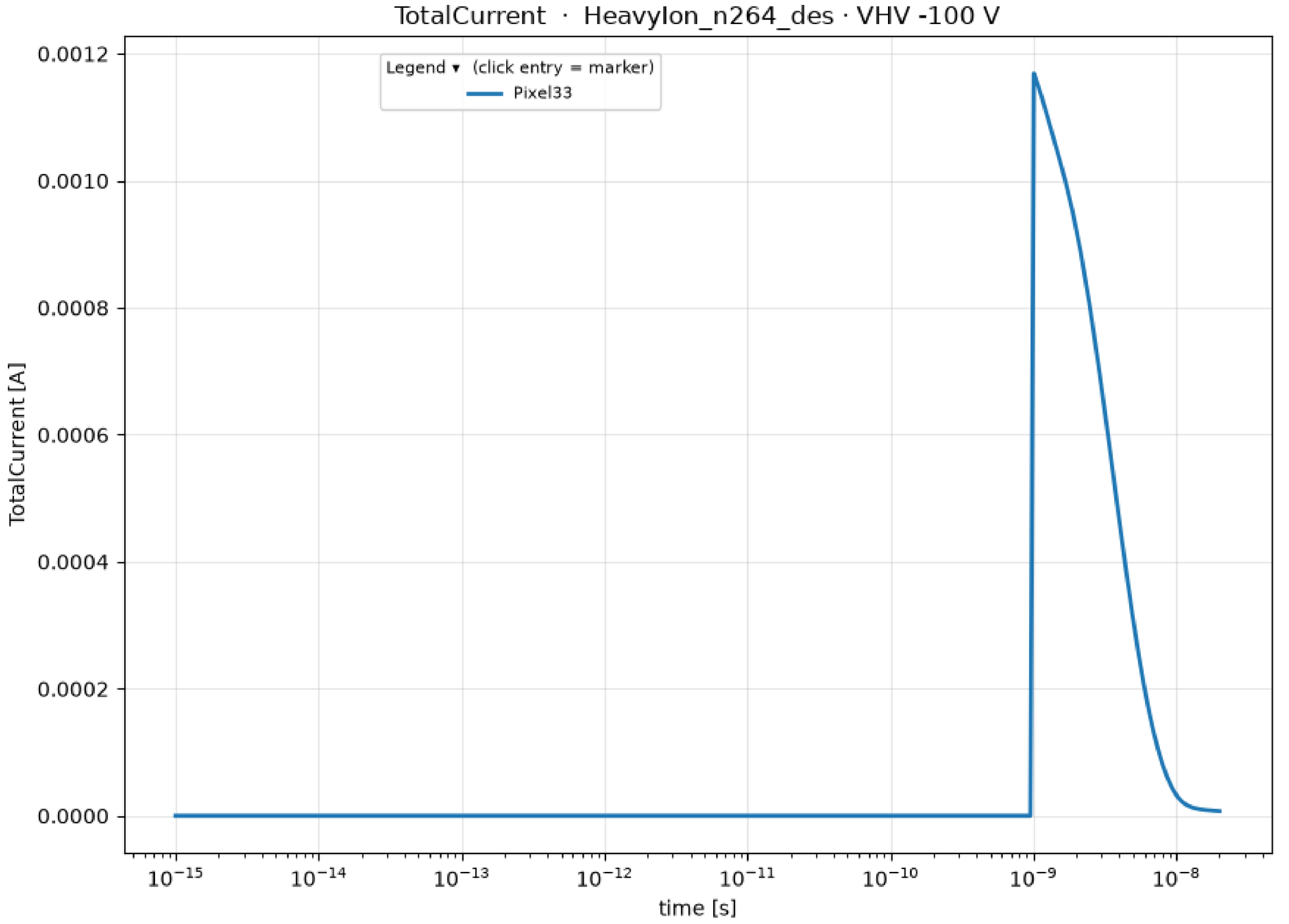
```
Transient (
InitialTime=0 FinalTime=2e-8
InitialStep=1e-15 MaxStep=2e-9 MinStep=1e-18 Increment=1.3 Decrement= 2.0
TurningPoints (
( condition ( Time( range = (0,9.95e-10))) value=5e-11)
(condition ( Time( range = (9.95e-10, 1.005e-9))) value = 1e-13)
(condition ( Time ( range =(1.005e-9, 1e-8))) value = 5e-10)
(condition ( Time ( range =(1e-8, 2e-8))) value = 2e-9)
)
) {
Coupled { Poisson Electron Hole }
}
}

```

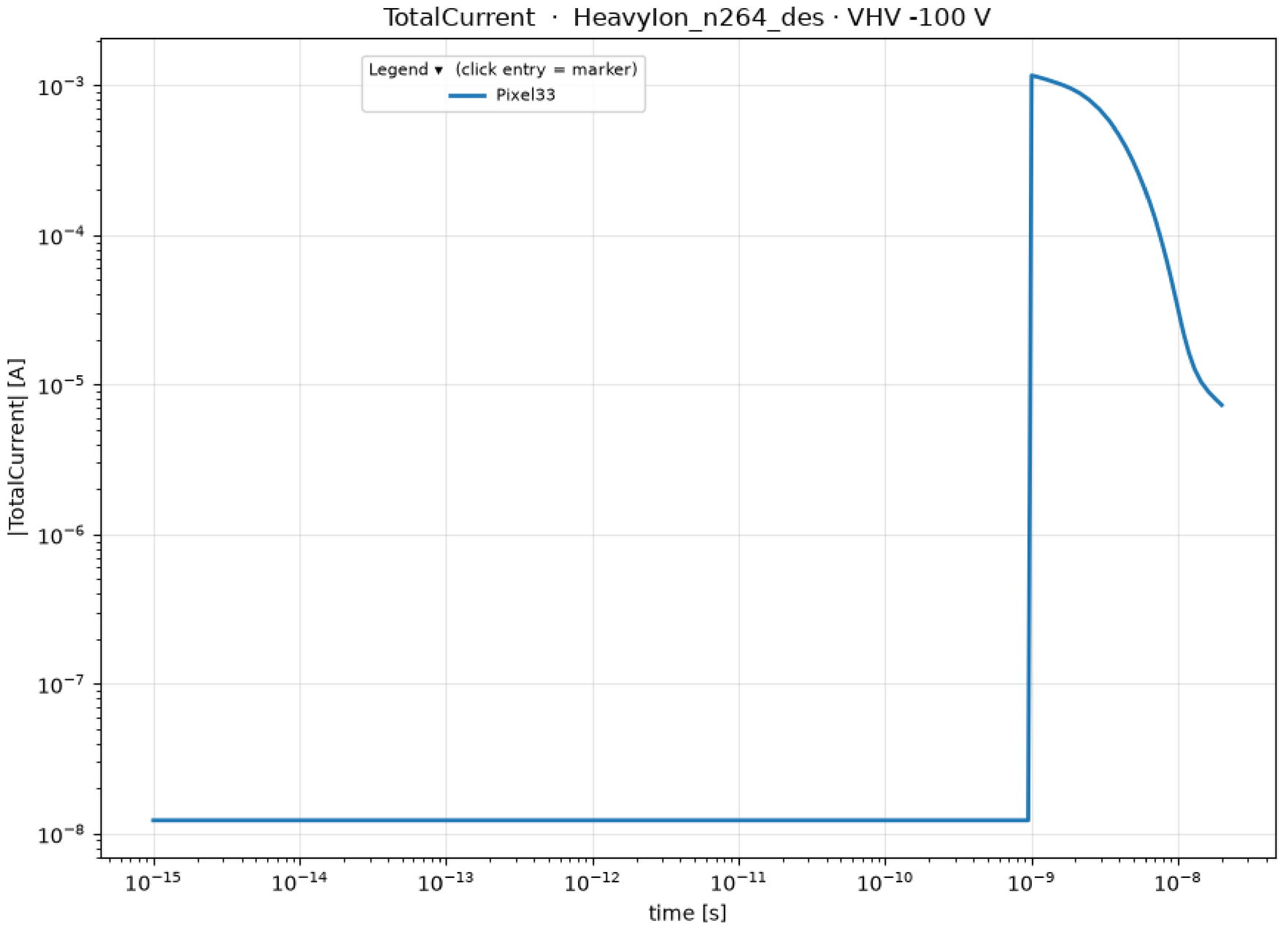
```
HeavyIon(
PicoCoulomb
Gaussian
Direction = (0, 0, -1)
Location = (0.0, 0.0, 1.0)
Time = 1e-9
Length = 360
Wt_hi = 25
LET_f = 0.01
)
}
```

Total Current vs Time (Struck Pixel only - 100V):

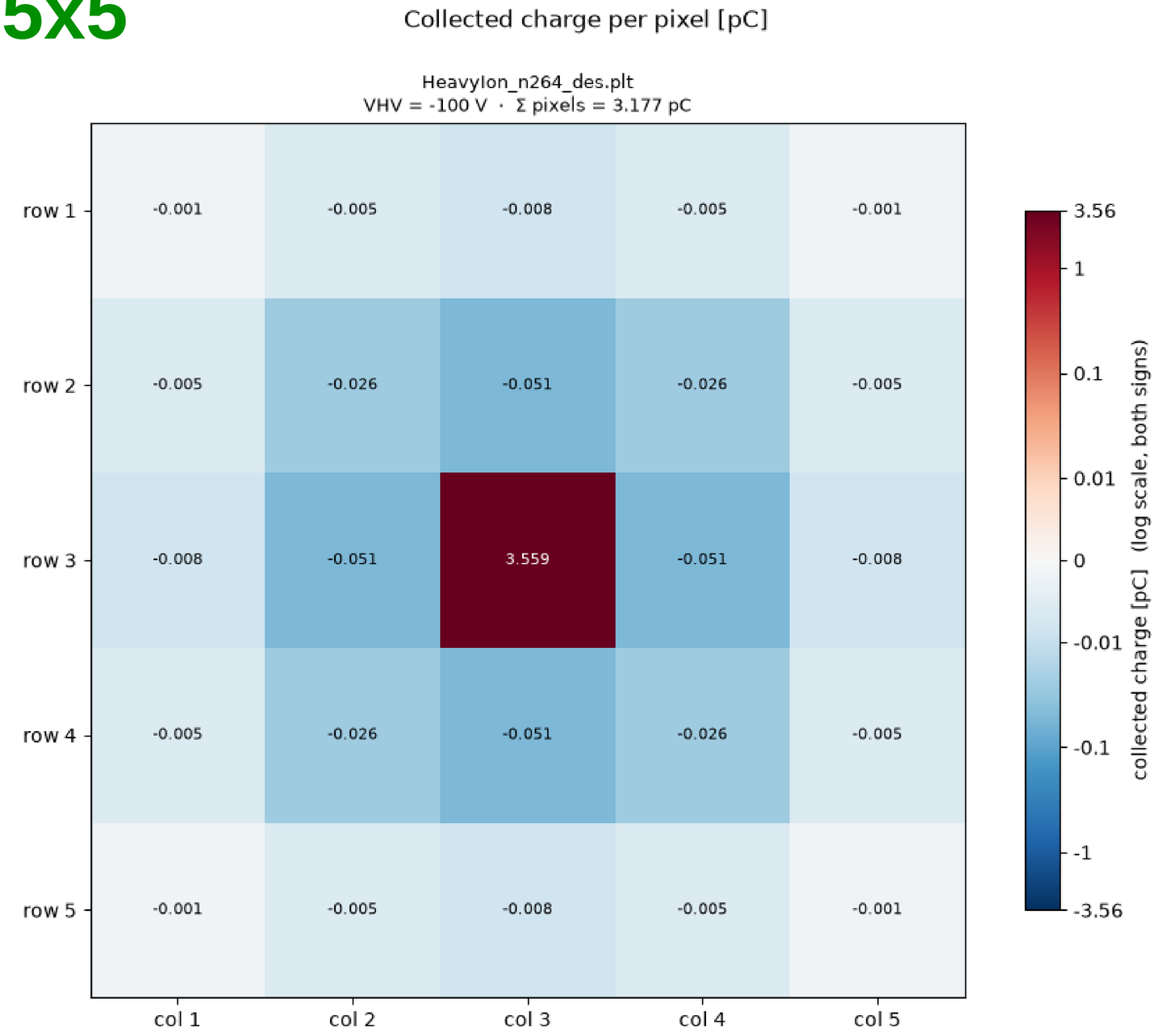



```
=== HeavyIon_n264_des.plt   (VHV = −100 V) ===
contact          peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.1689e−03    1.01 ns       41.7 ps       5.77 ns       3.5590
```

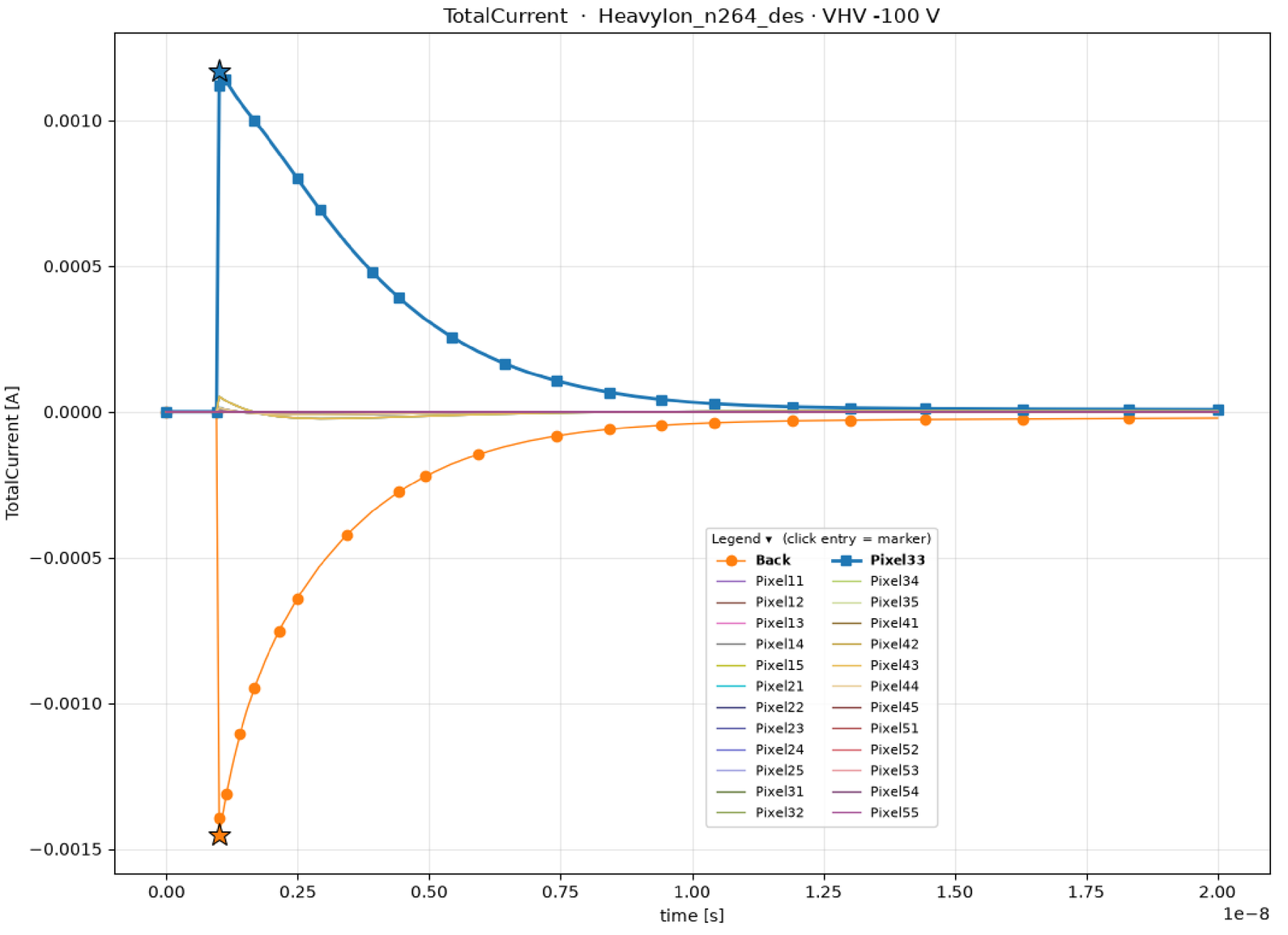

TotalCurrent · HeavyIon_n264_des · VHV -100 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

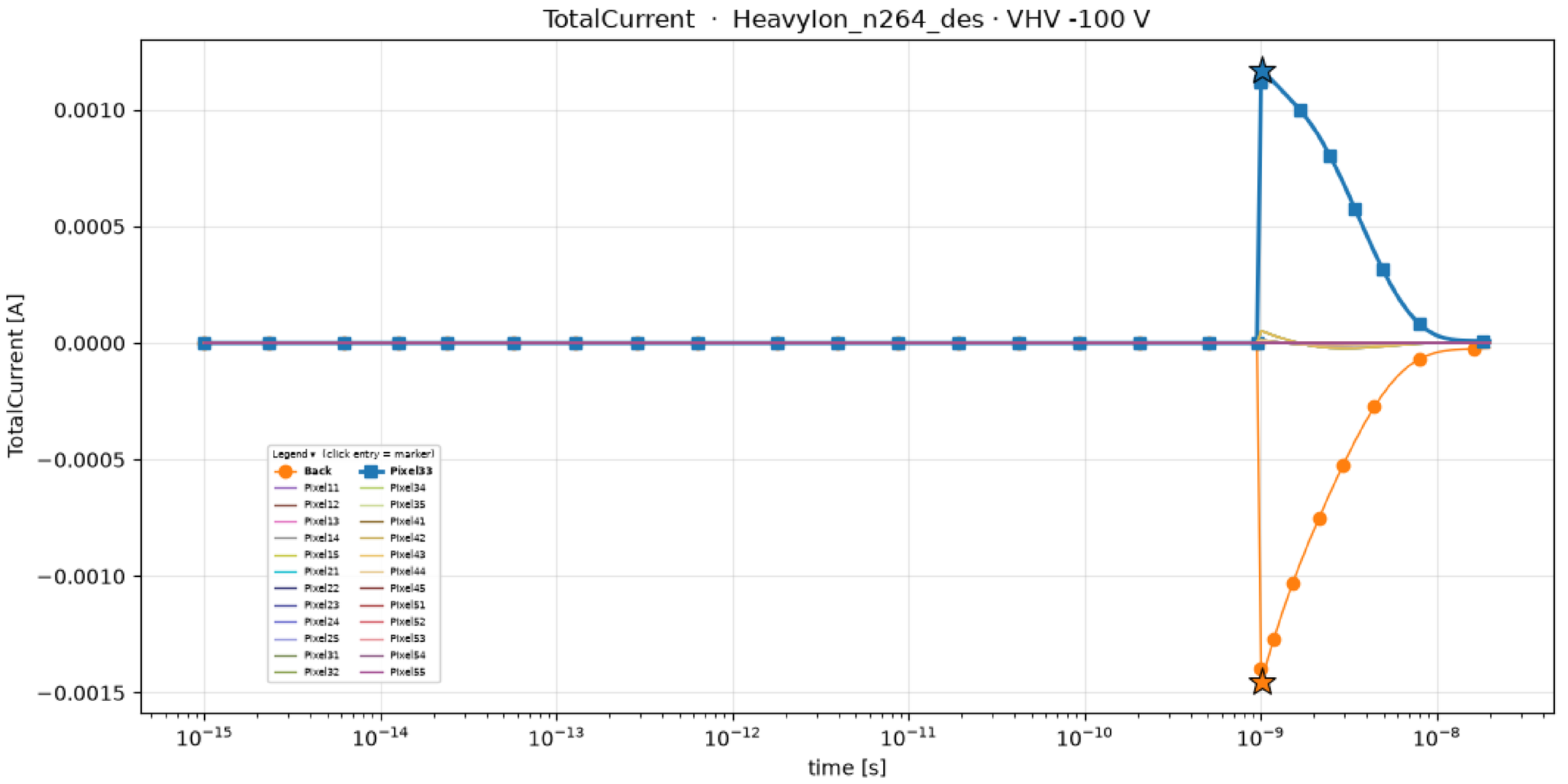

TotalCurrent · HeavyIon_n264_des · VHV -100 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

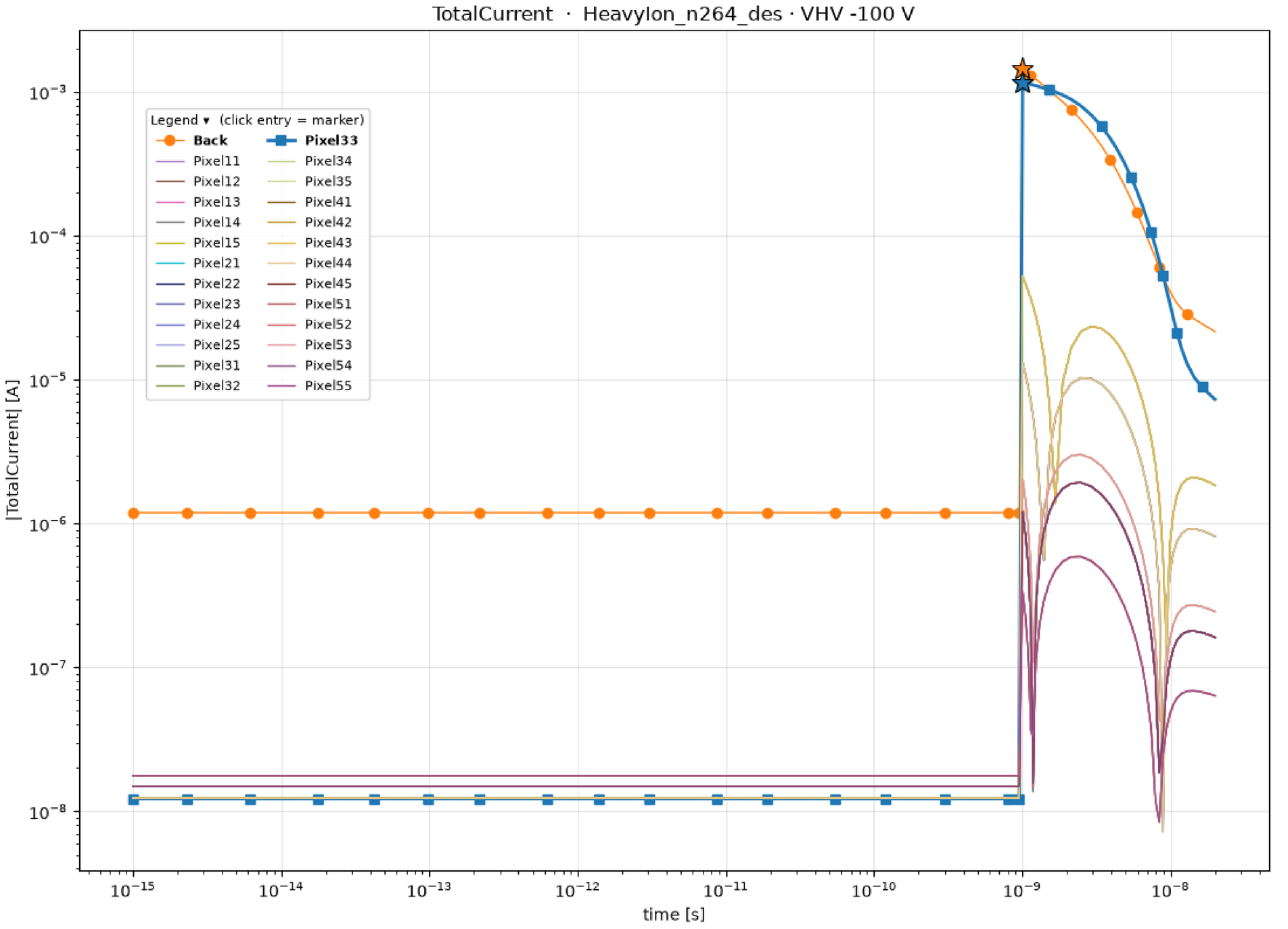
Pixel Map 5x5



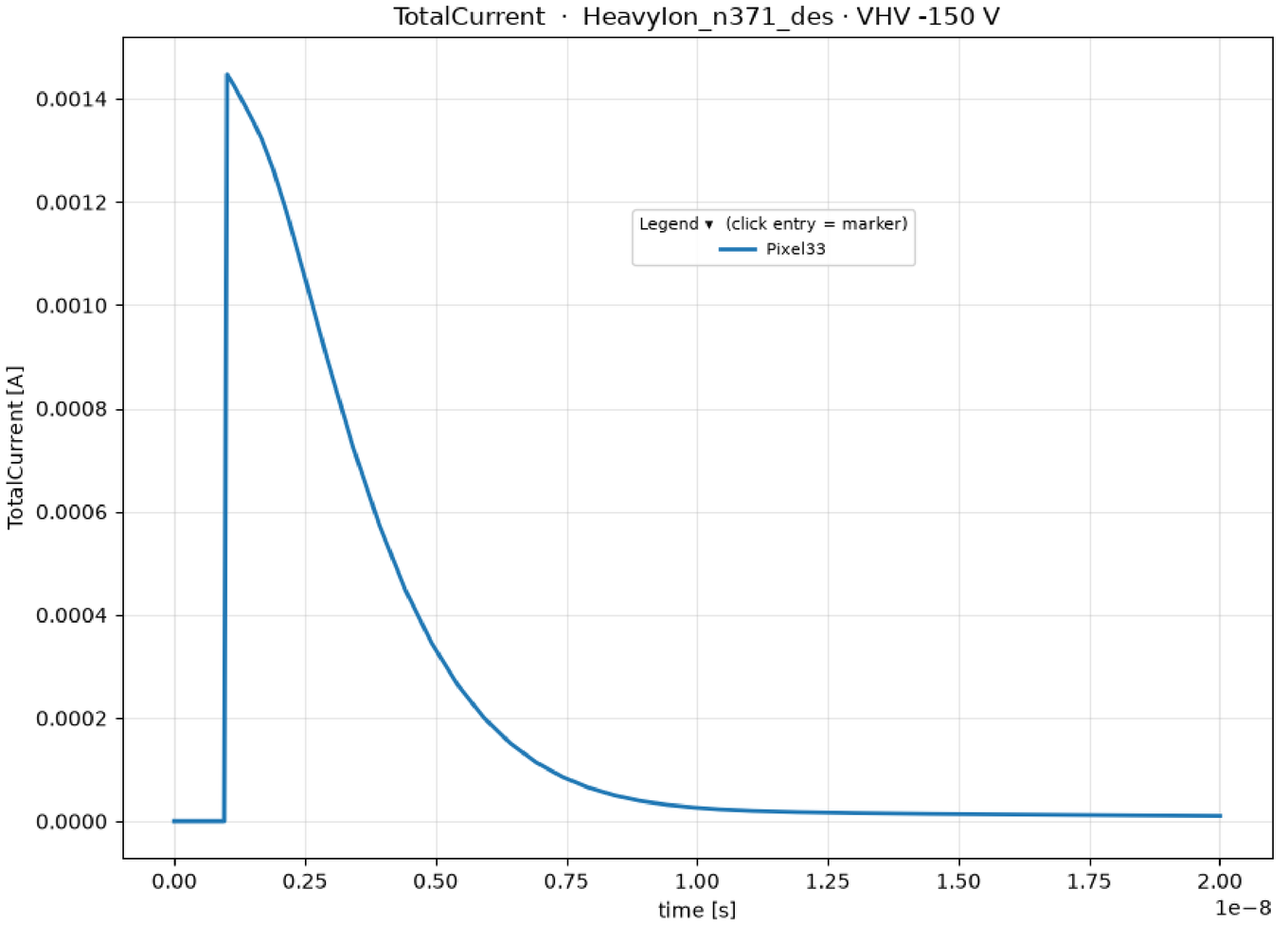
Total Current vs Time (All Pixel - 100V):



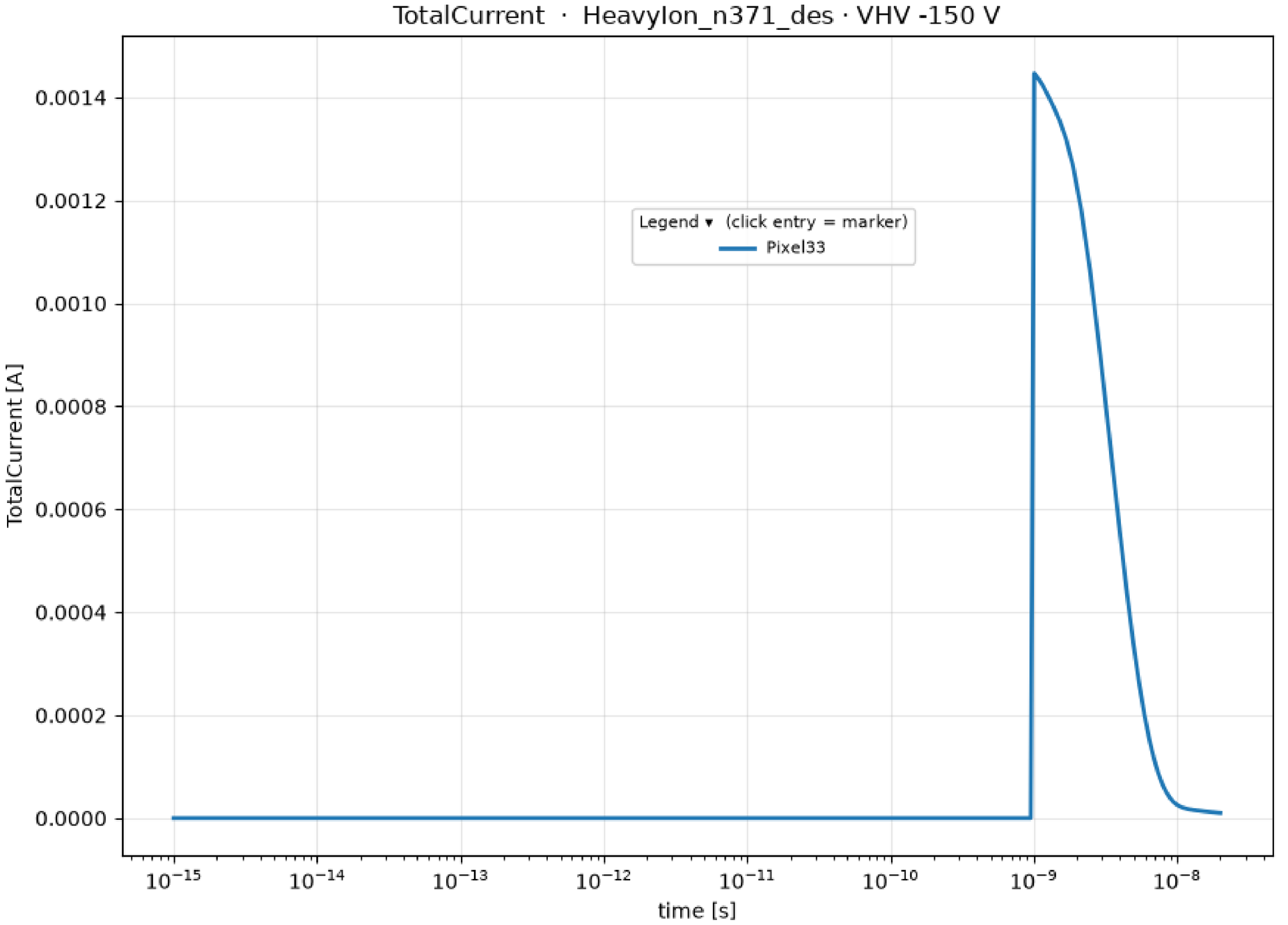

TotalCurrent · HeavyIon_n264_des · VHV -100 V
TotalCurrent [A]
0.0010
0.0005
0.0000
−0.0005
−0.0010
−0.0015
time [s]
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

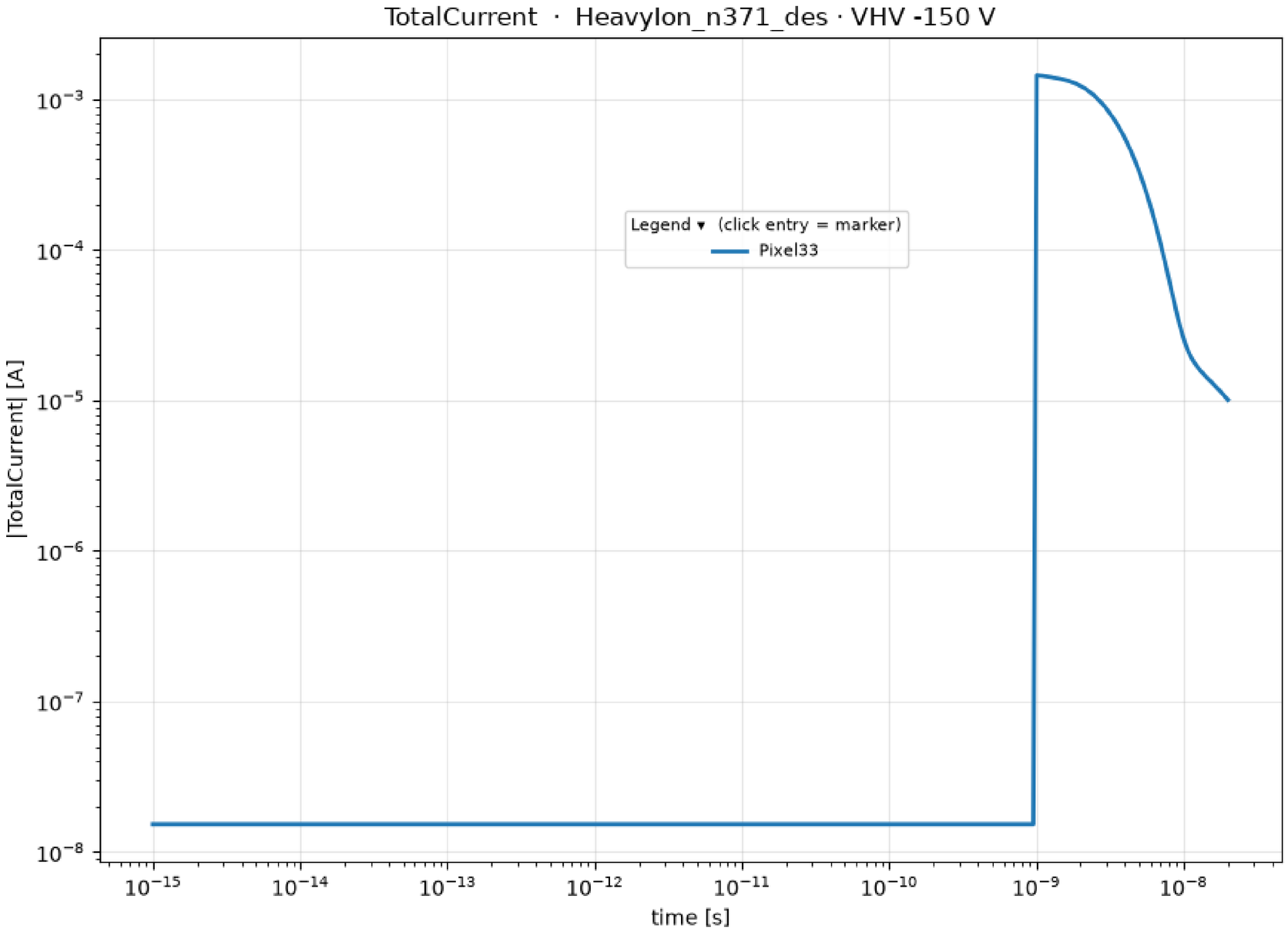

TotalCurrent · HeavyIon_n264_des · VHV -100 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 150V):

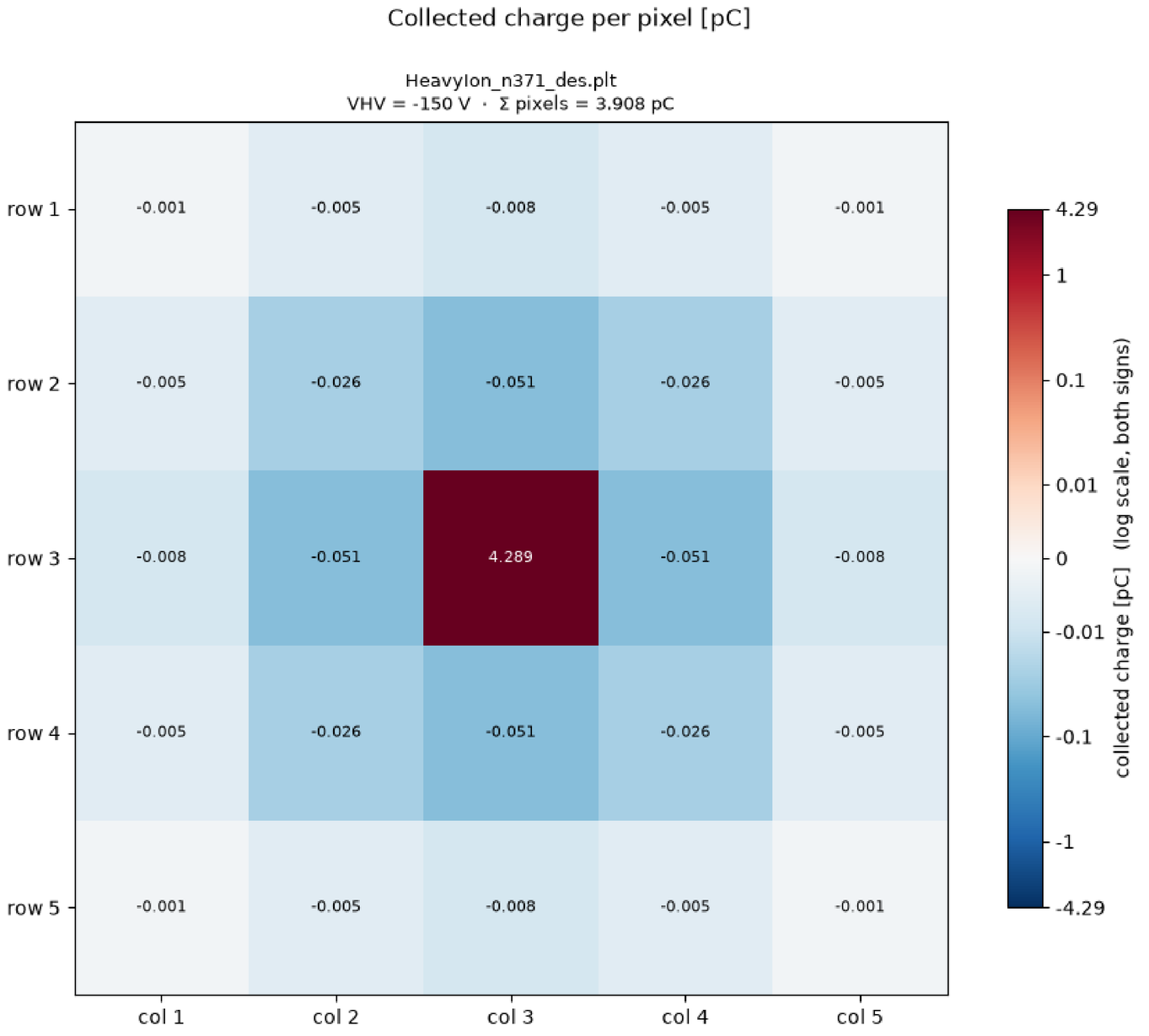



```
=== HeavyIon_n371_des.plt   (VHV = −150 V) ===
contact         peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.4467e−03    1.01 ns      41.7 ps      4.77 ns       4.2894
```

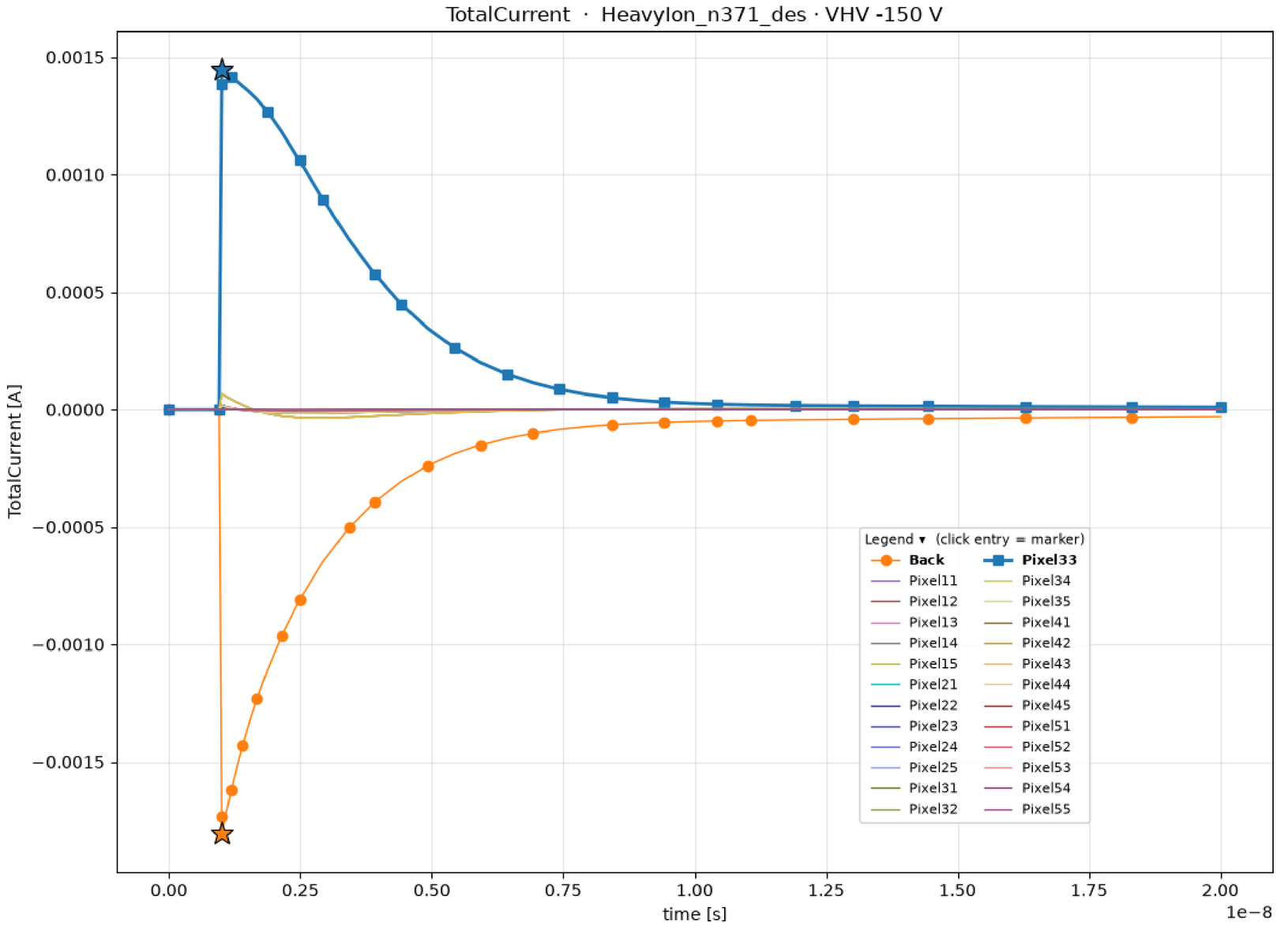

TotalCurrent · HeavyIon_n371_des · VHV -150 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

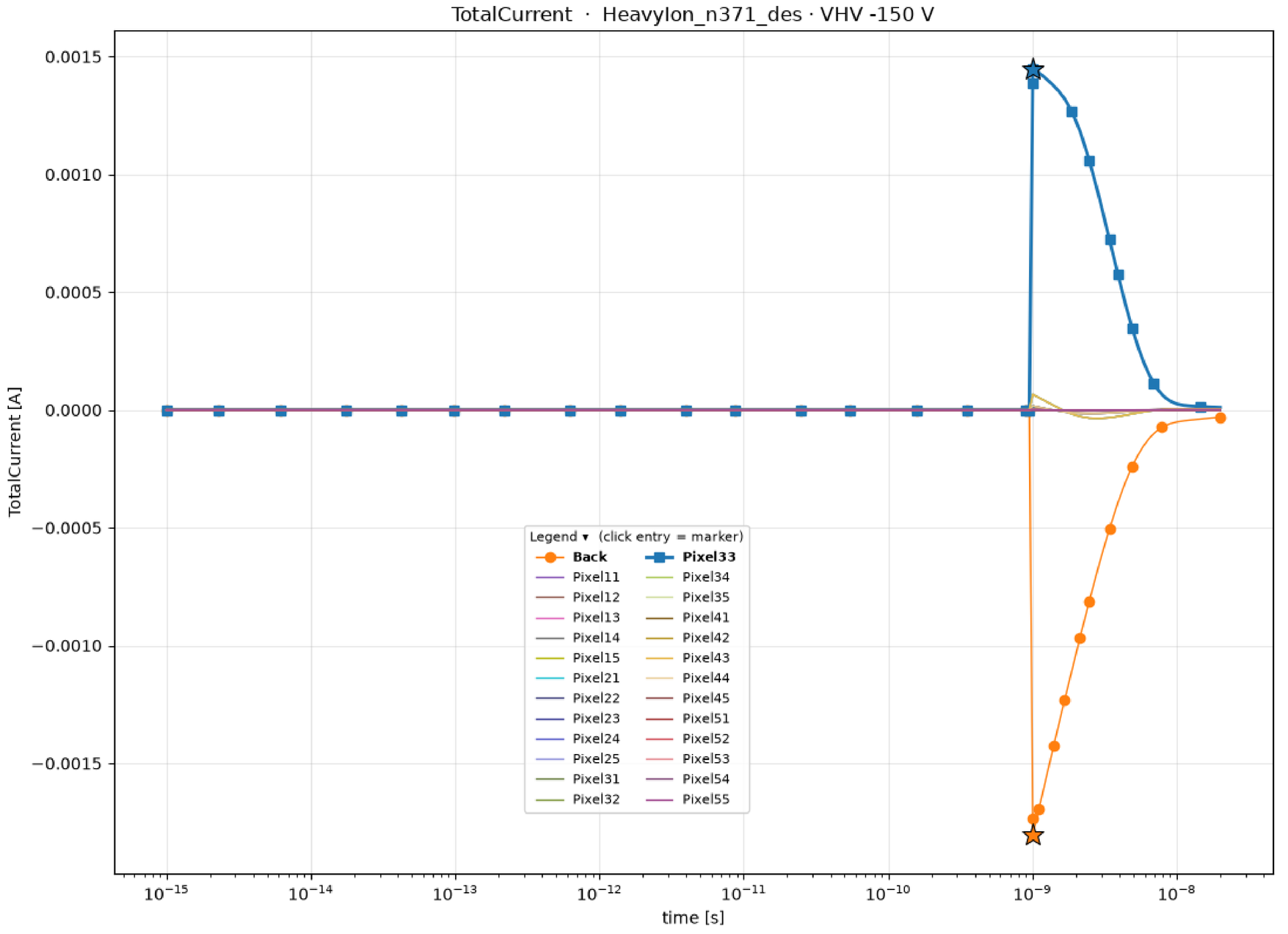

TotalCurrent · HeavyIon_n371_des · VHV -150 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

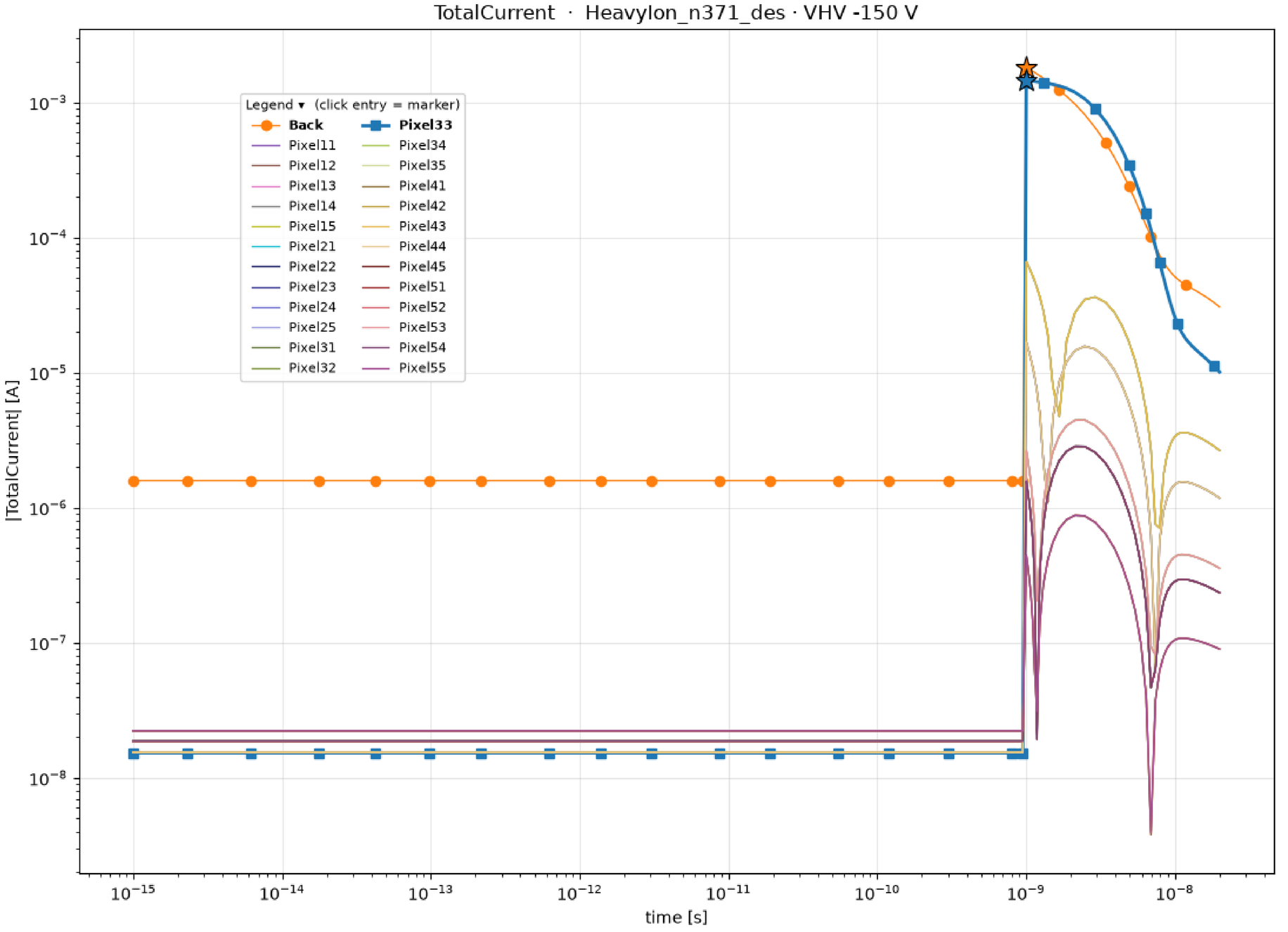
Pixel Map 5x5



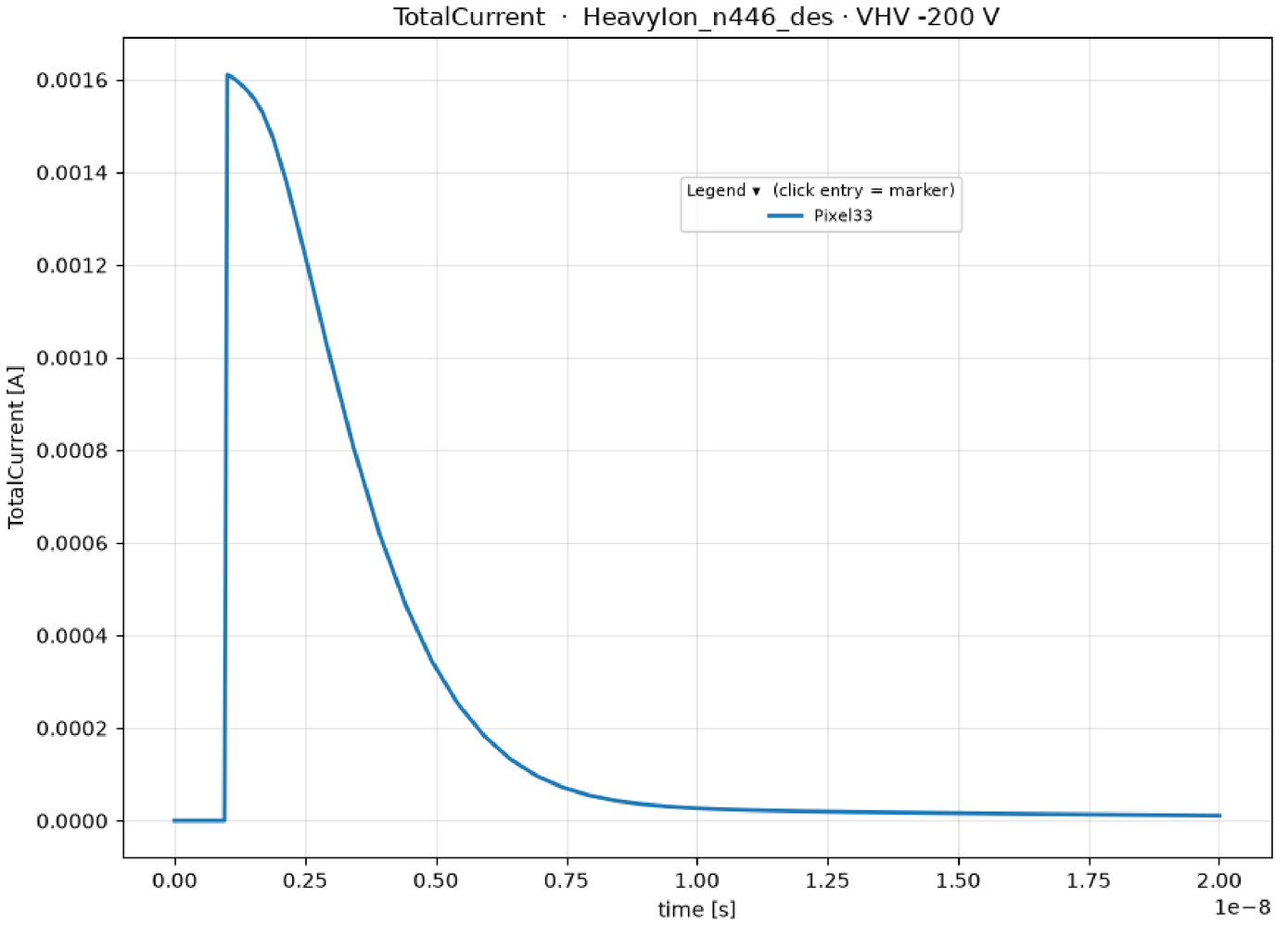
Total Current vs Time (All Pixel - 150V):



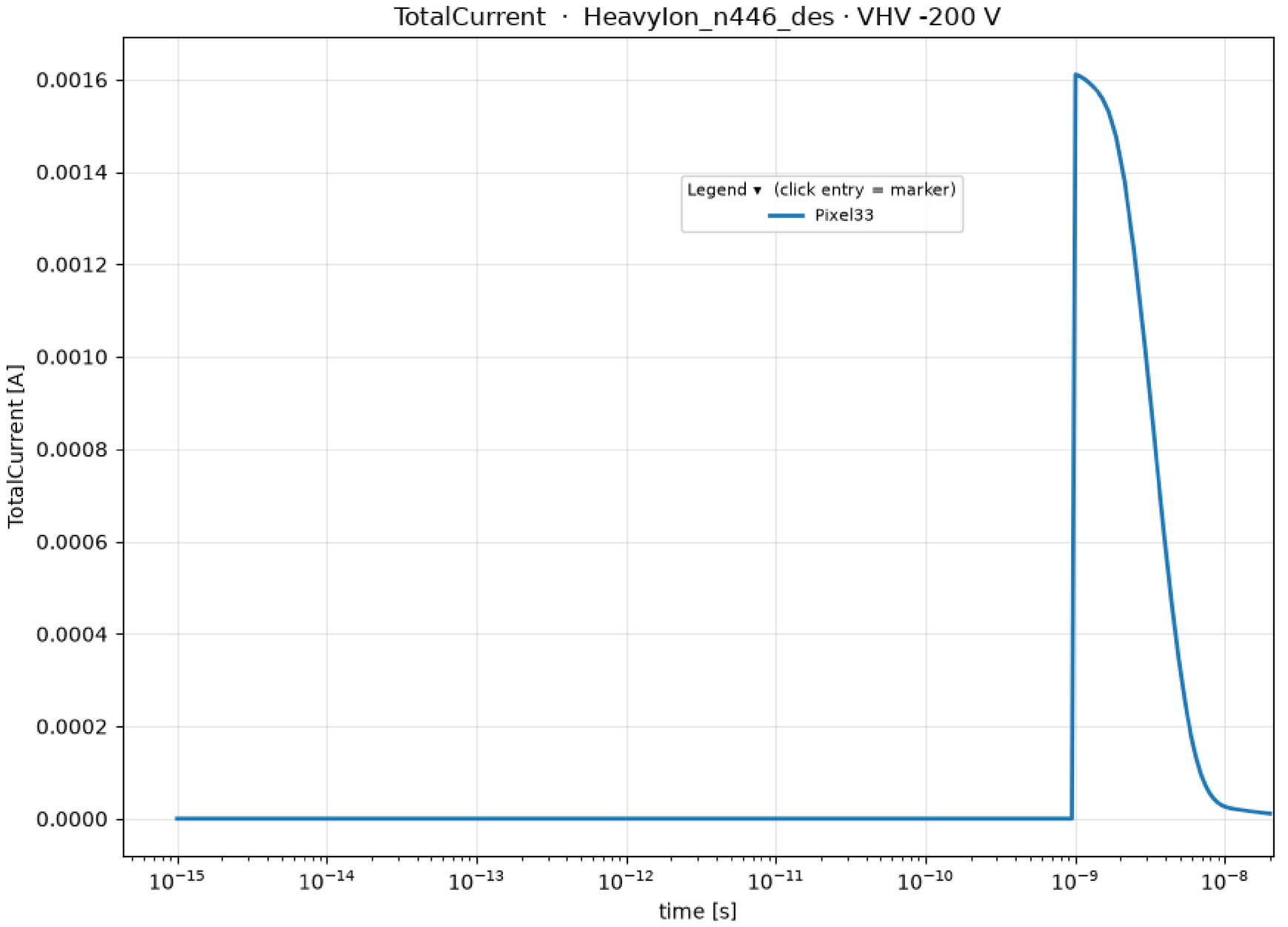

TotalCurrent · HeavyIon_n371_des · VHV -150 V
TotalCurrent [A]
time [s]
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
−0.0015
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

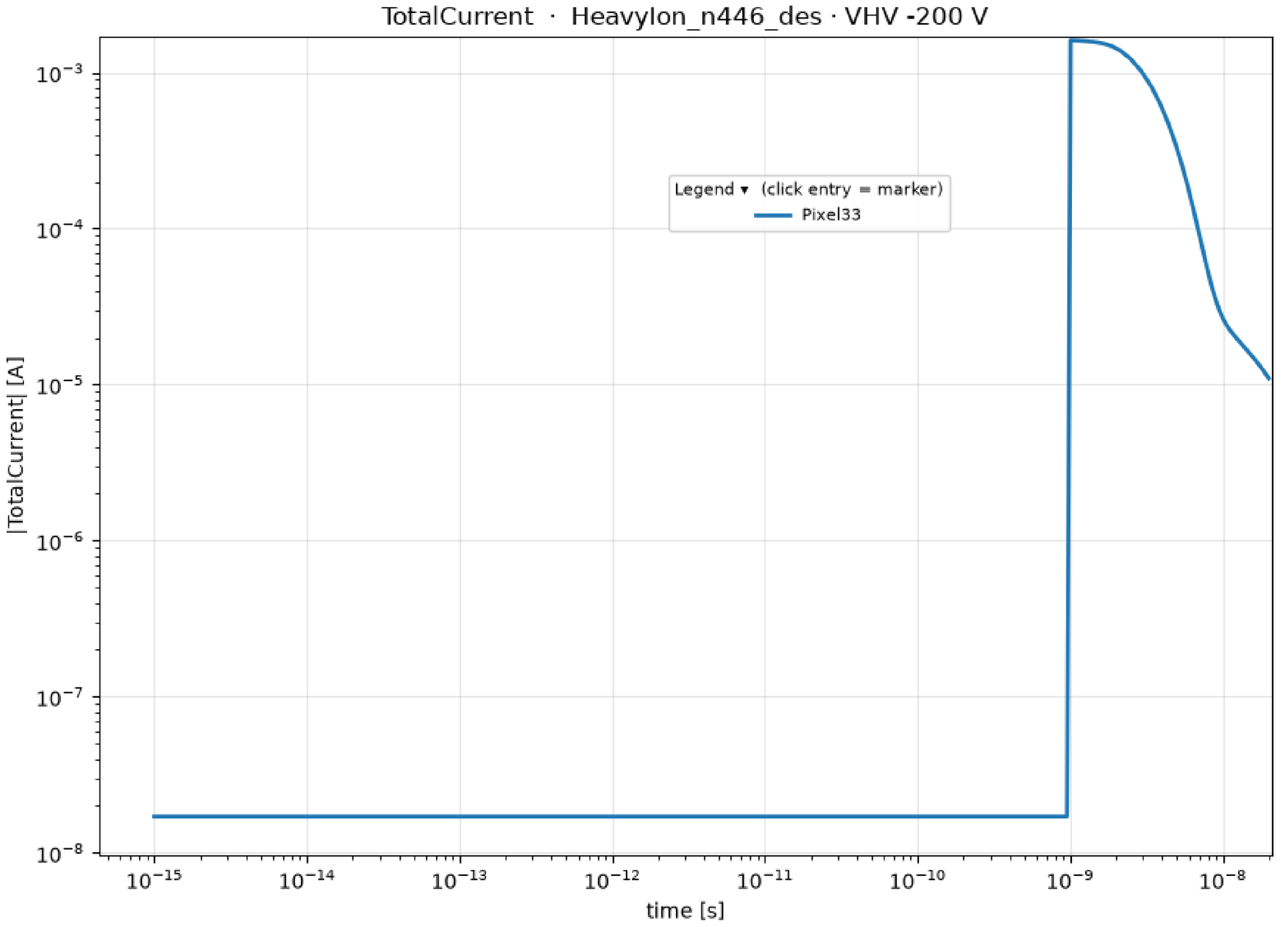

TotalCurrent · HeavyIon_n371_des · VHV -150 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 200V):

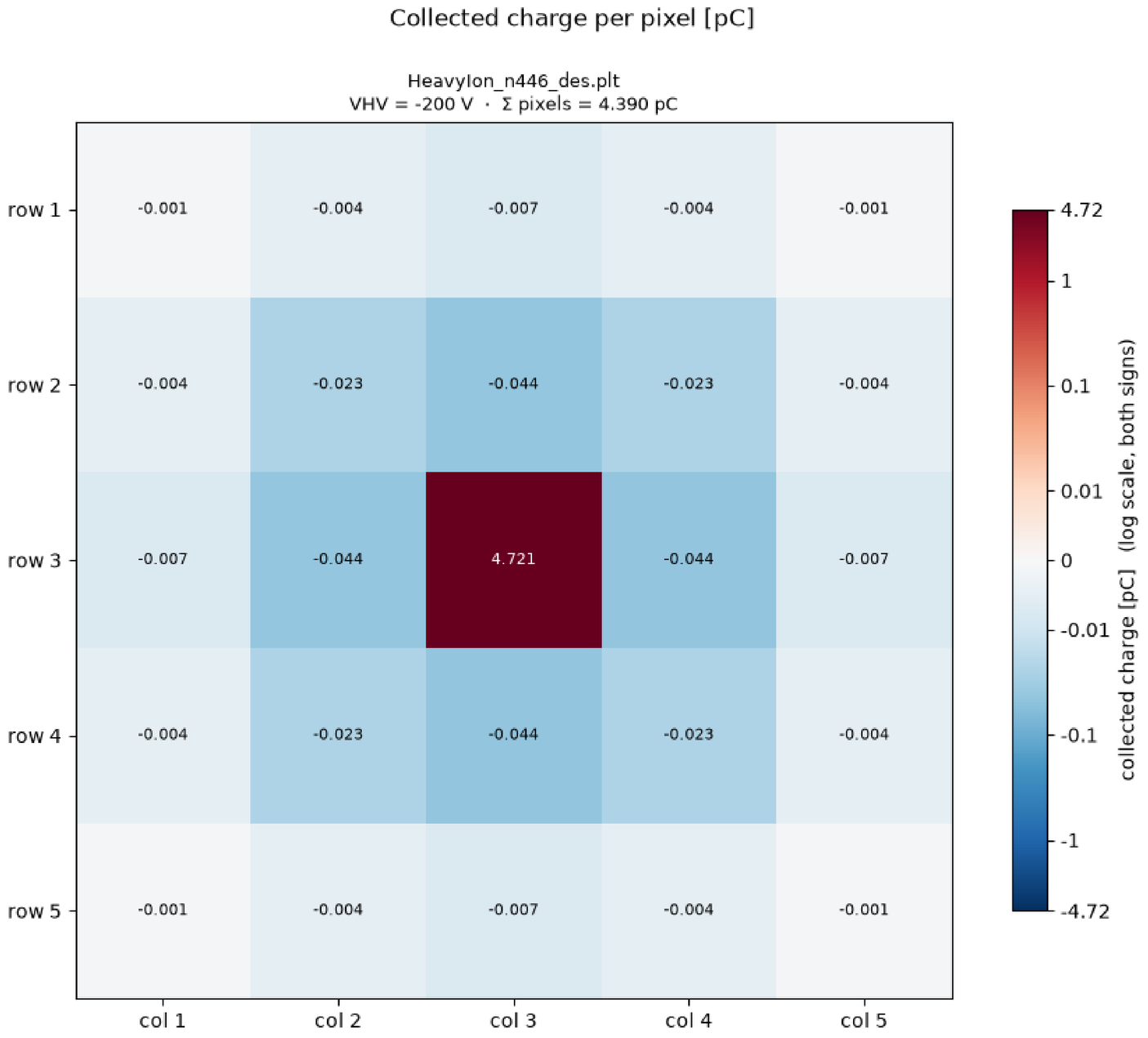



```
=== HeavyIon_n446_des.plt   (VHV = −200 V) ===
contact         peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.6105e−03    1.01 ns      41.7 ps       4.2 ns       4.7213
```

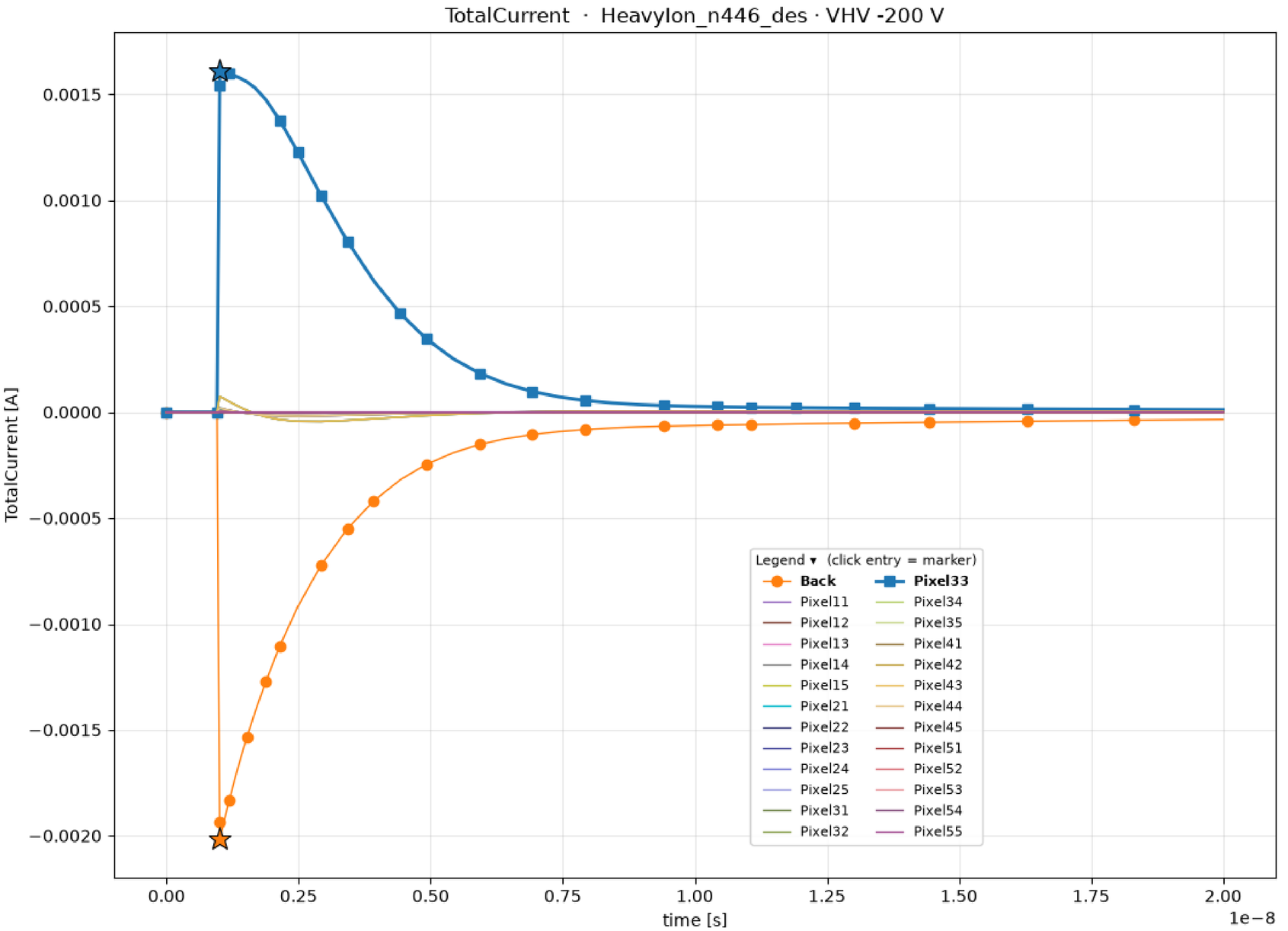

TotalCurrent · HeavyIon_n446_des · VHV -200 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.0016
0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

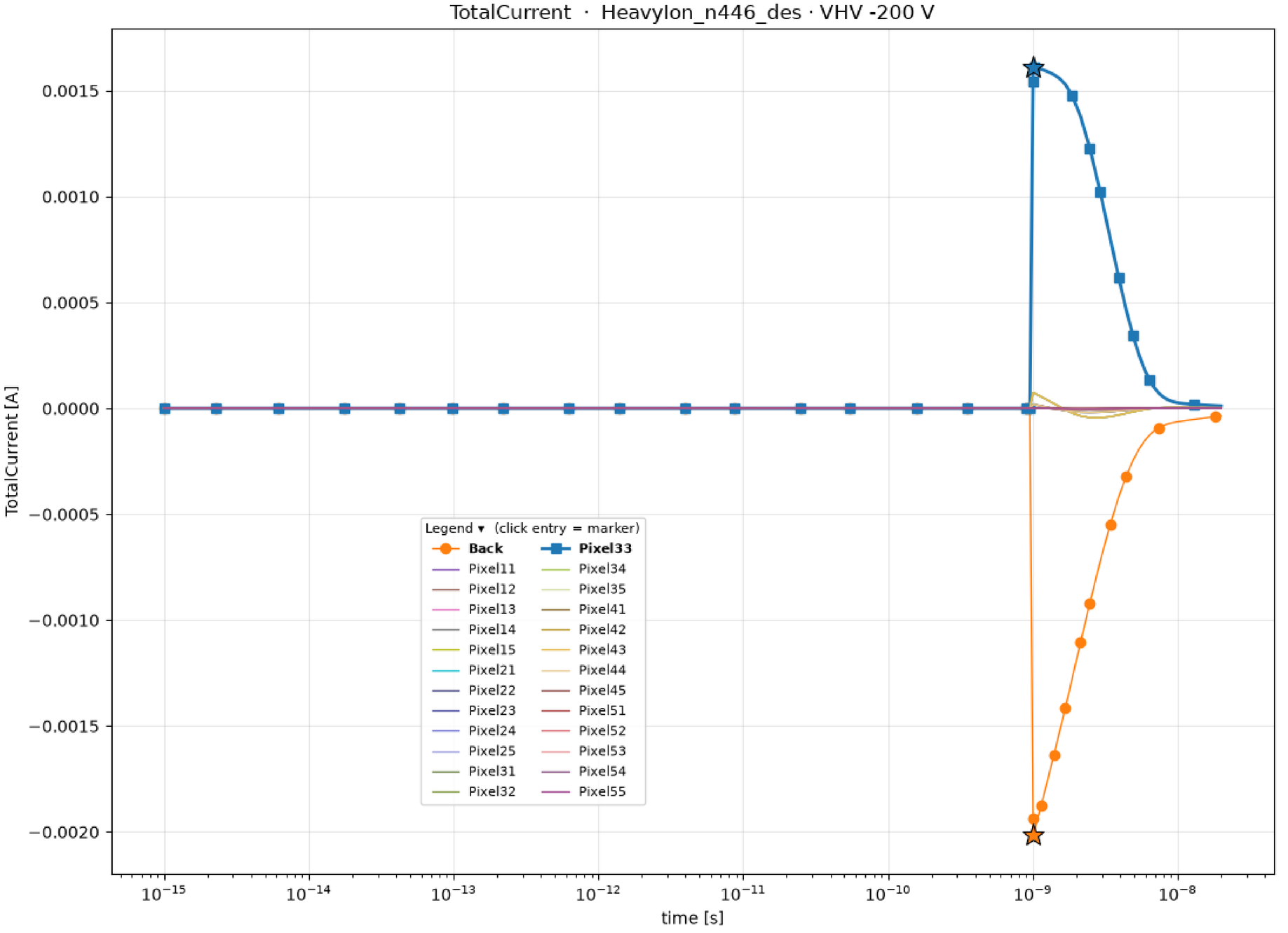

TotalCurrent · HeavyIon_n446_des · VHV -200 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

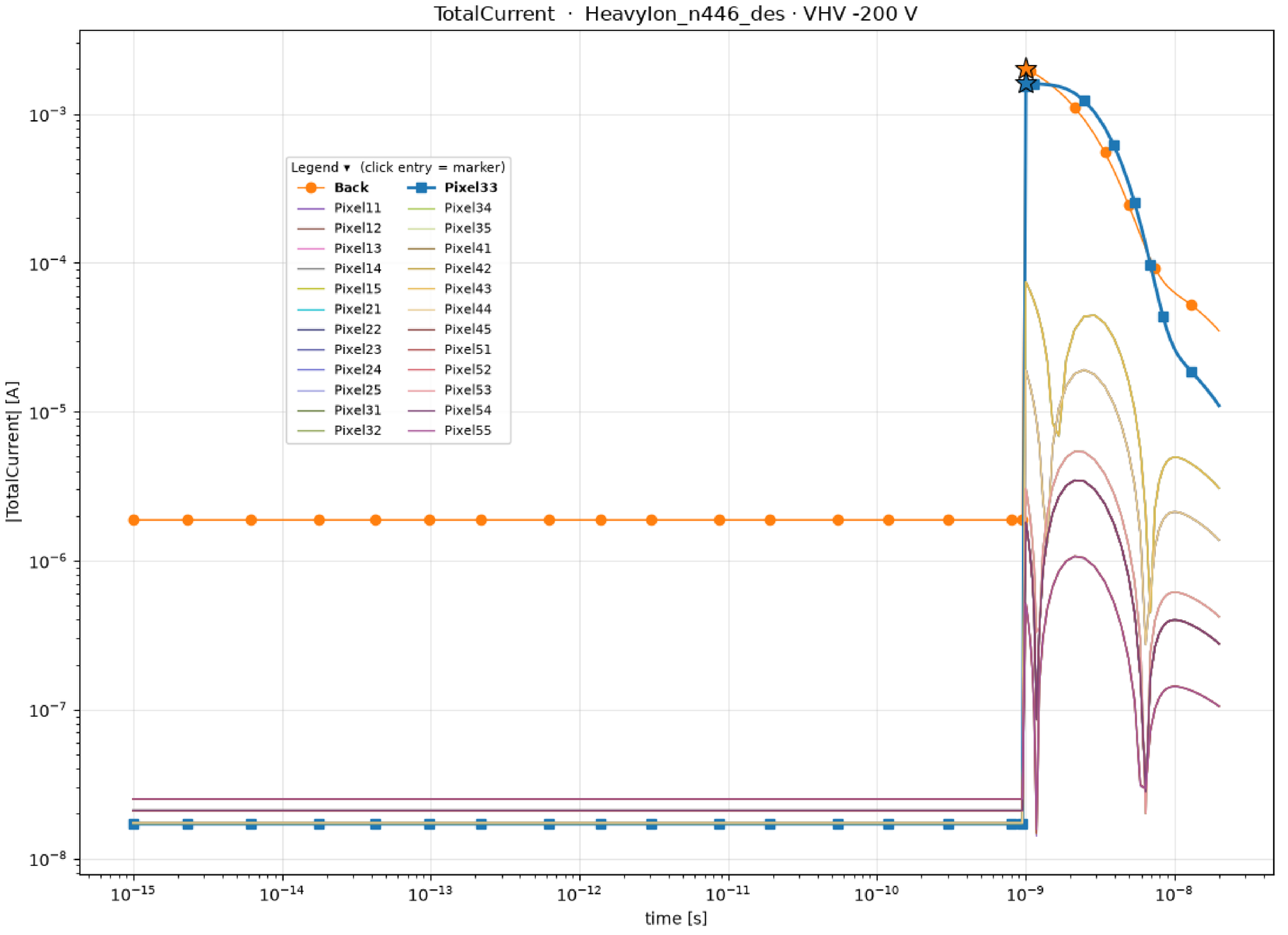
Pixel Map 5x5



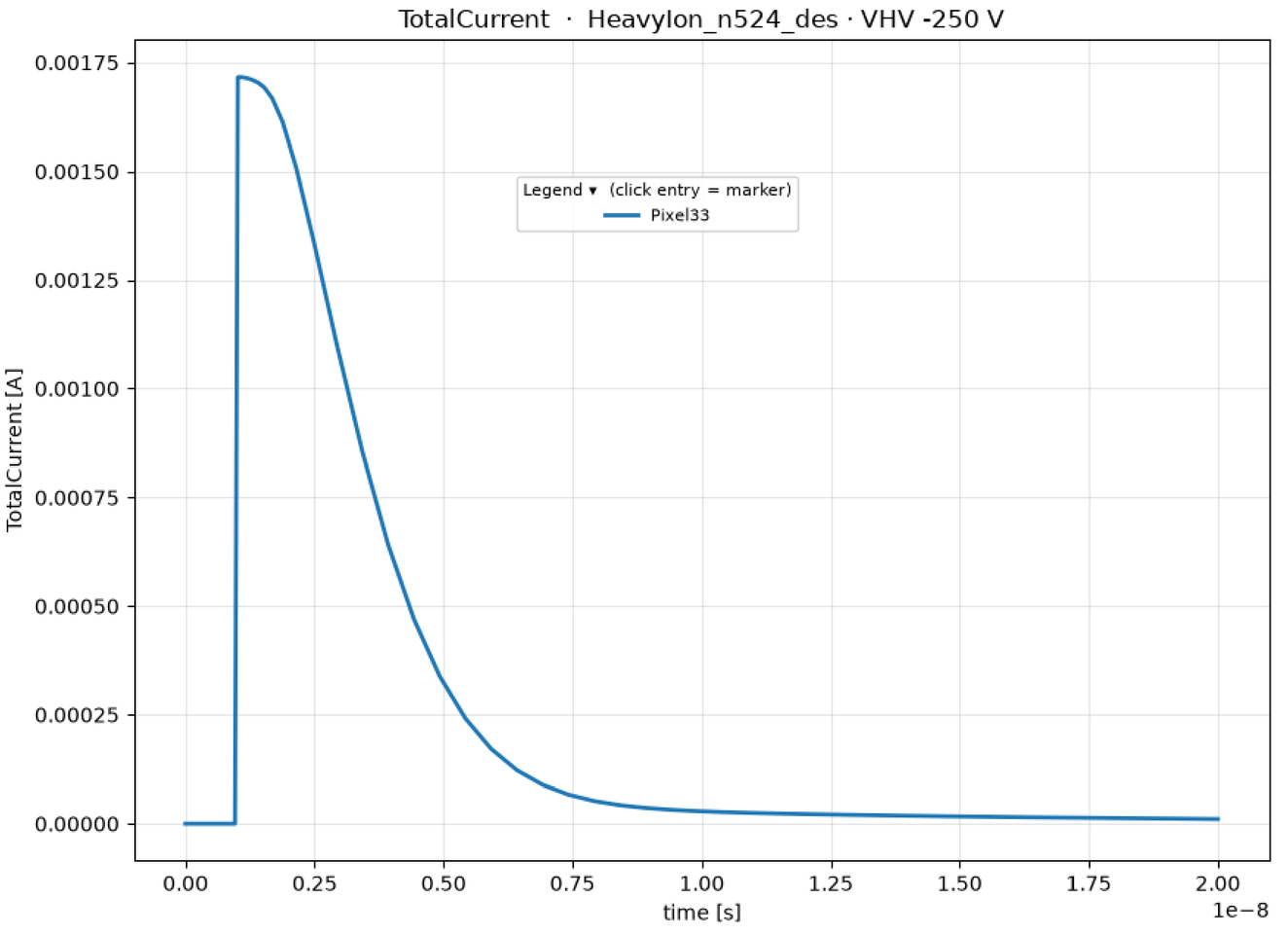
Total Current vs Time (All Pixel - 200V):



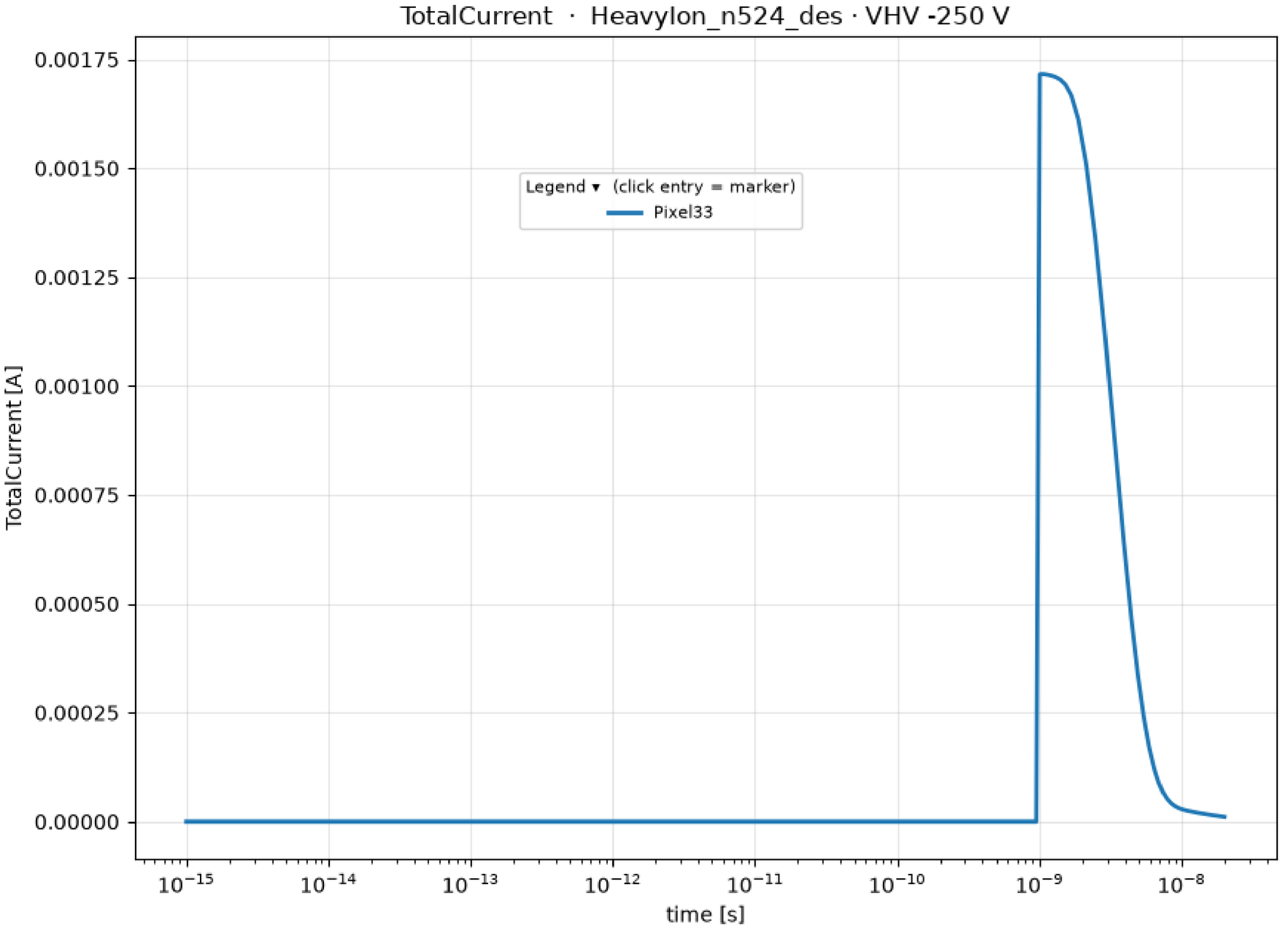

TotalCurrent · HeavyIon_n446_des · VHV -200 V
TotalCurrent [A]
time [s]
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
−0.0015
−0.0020
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel33
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

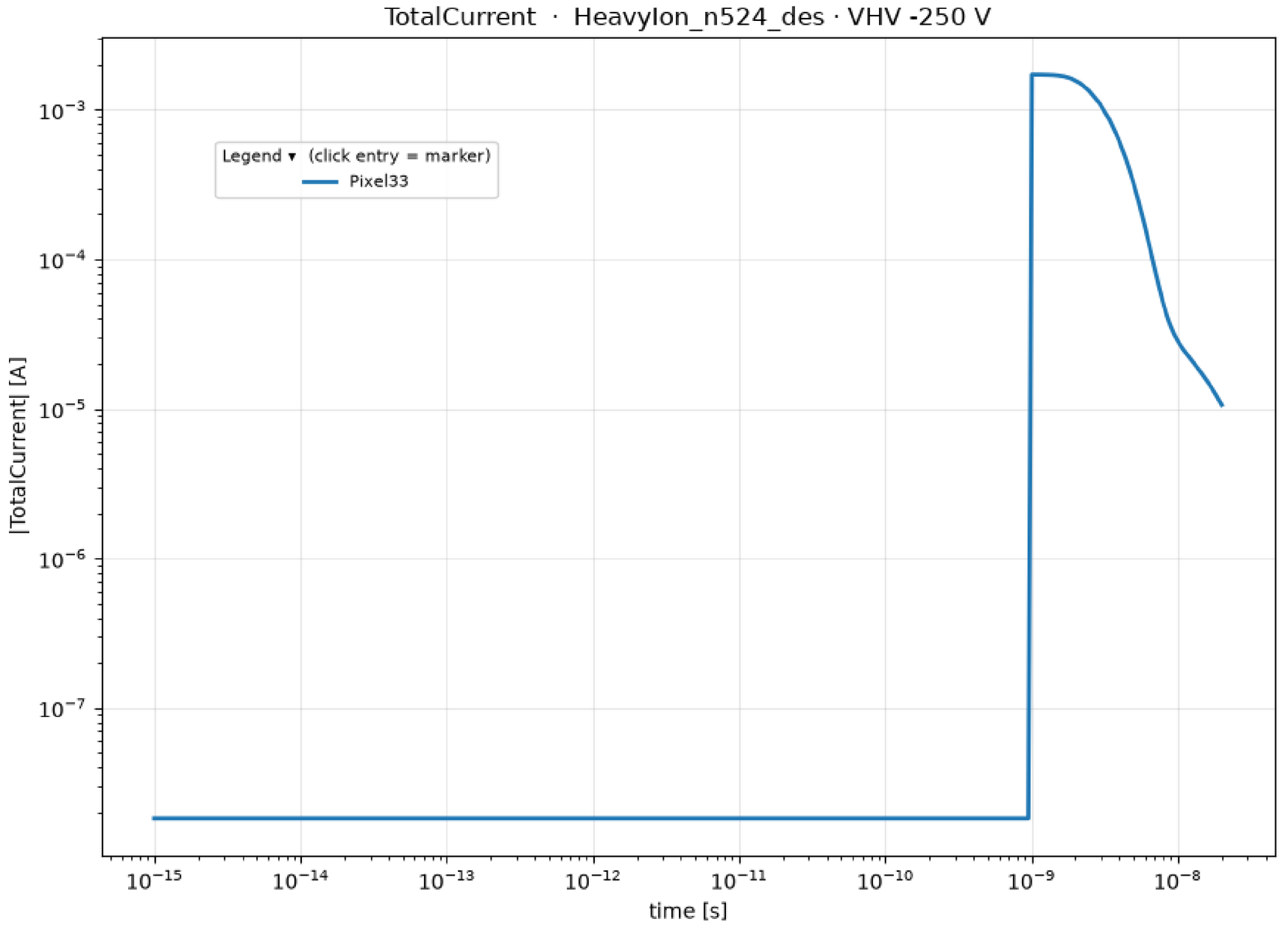

TotalCurrent · HeavyIon_n446_des · VHV -200 V
|TotalCurrent| [A]
time [s]
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

Total Current vs Time (Struck Pixel only - 250V):

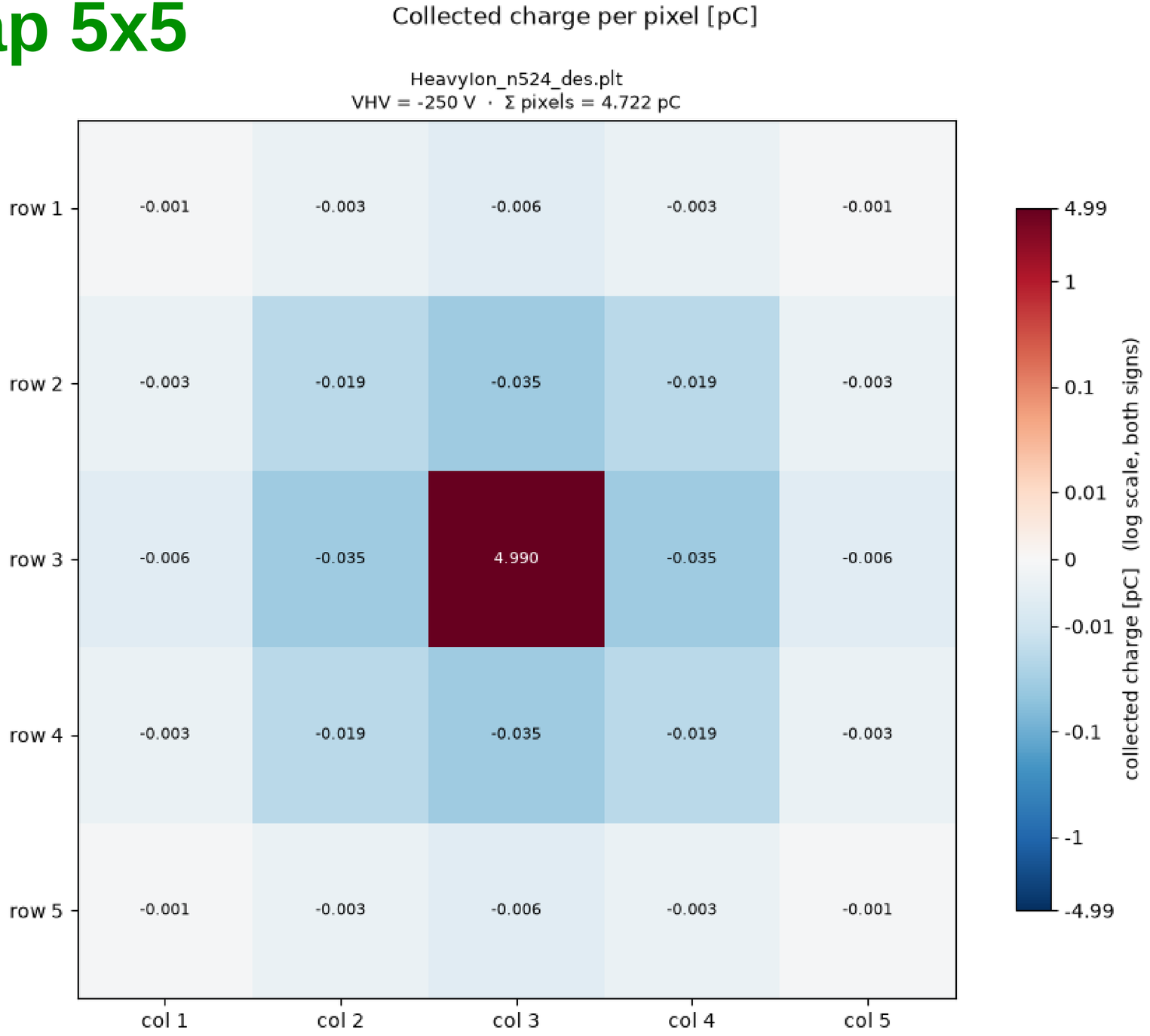



```
=== HeavyIon_n524_des.plt   (VHV = −250 V) ===
contact        peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33     1.7162e−03    1.05 ns      41.7 ps      3.87 ns       4.9903
```

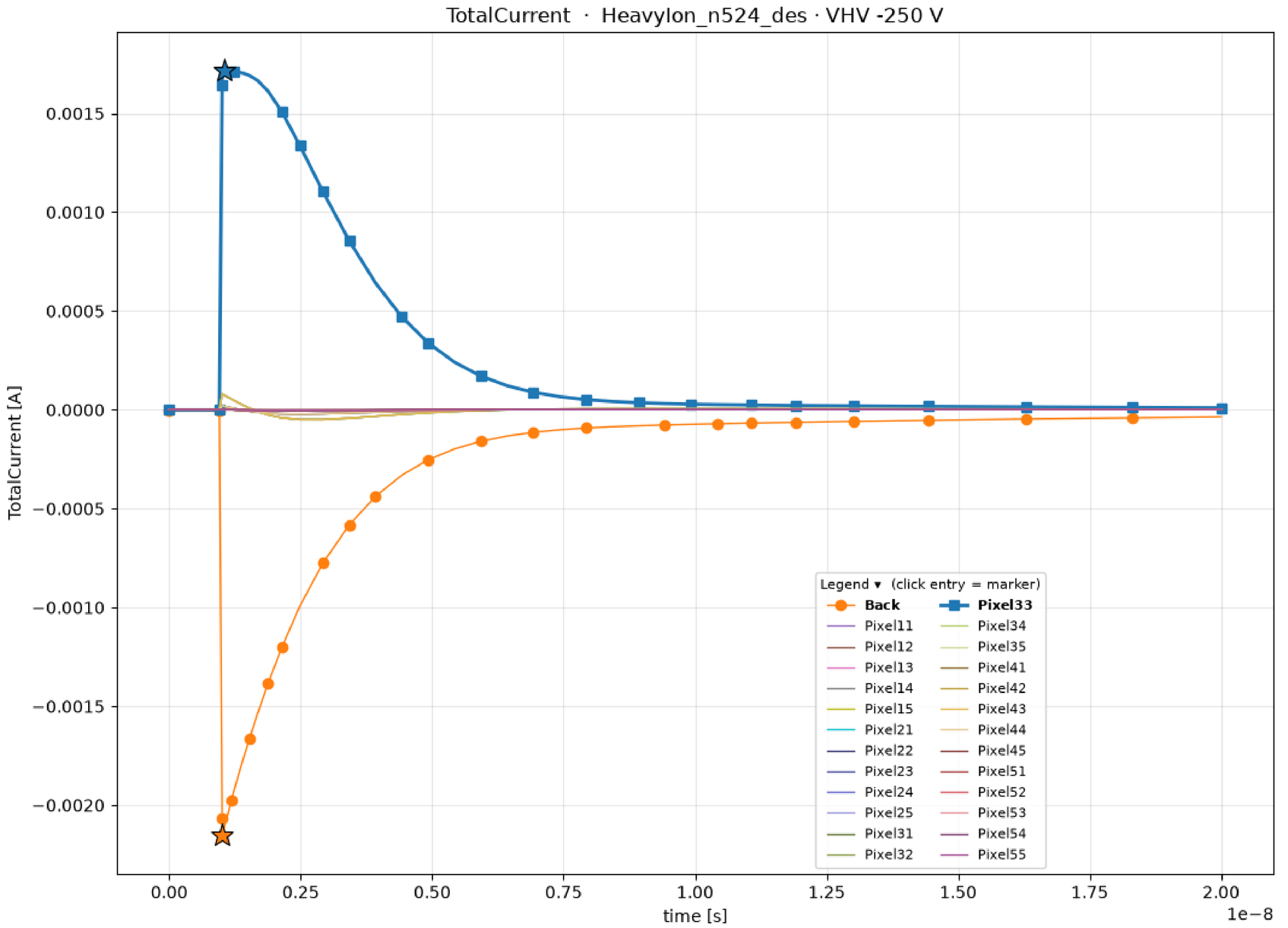

TotalCurrent · HeavyIon_n524_des · VHV -250 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

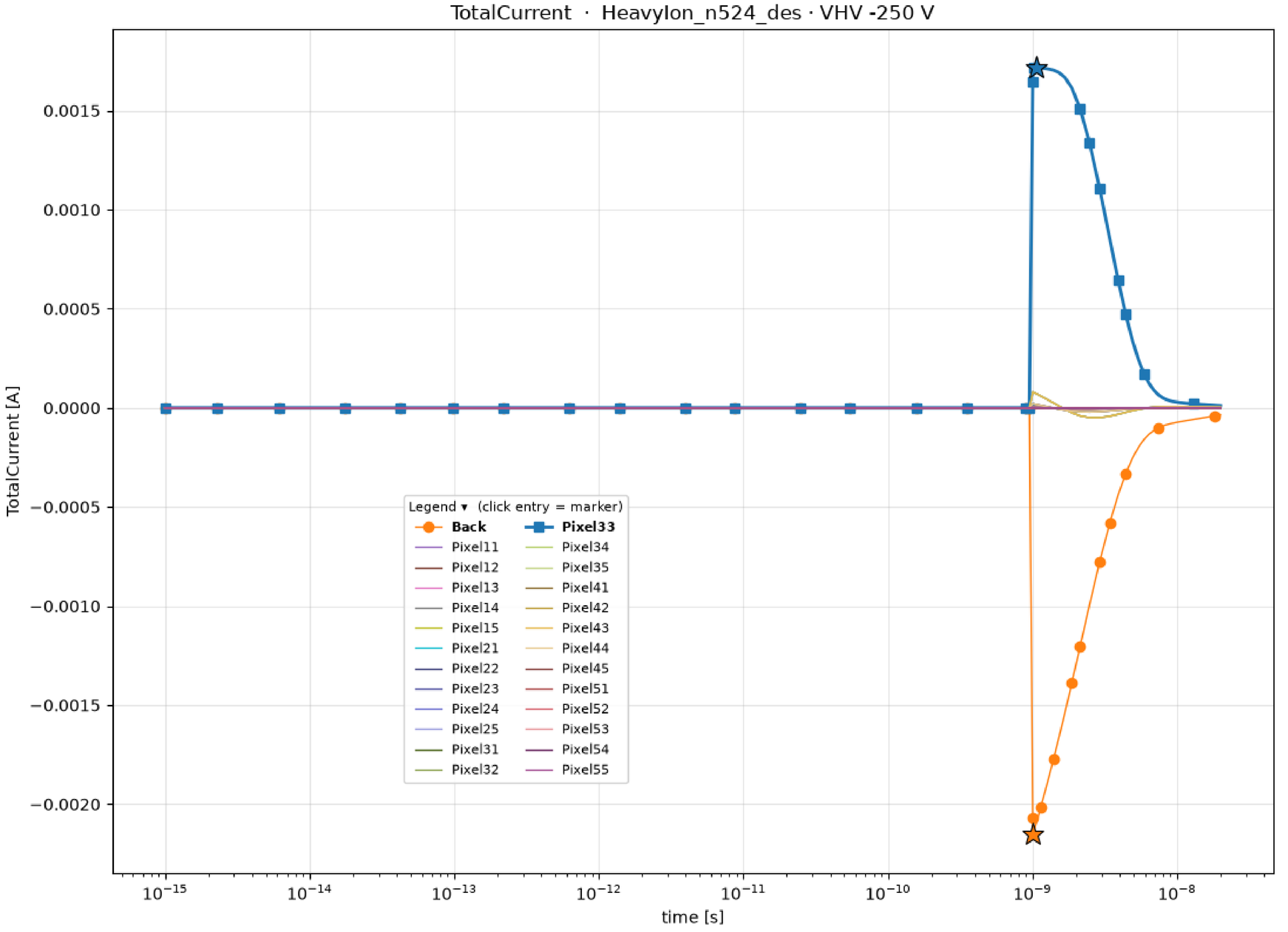

TotalCurrent · HeavyIon_n524_des · VHV -250 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

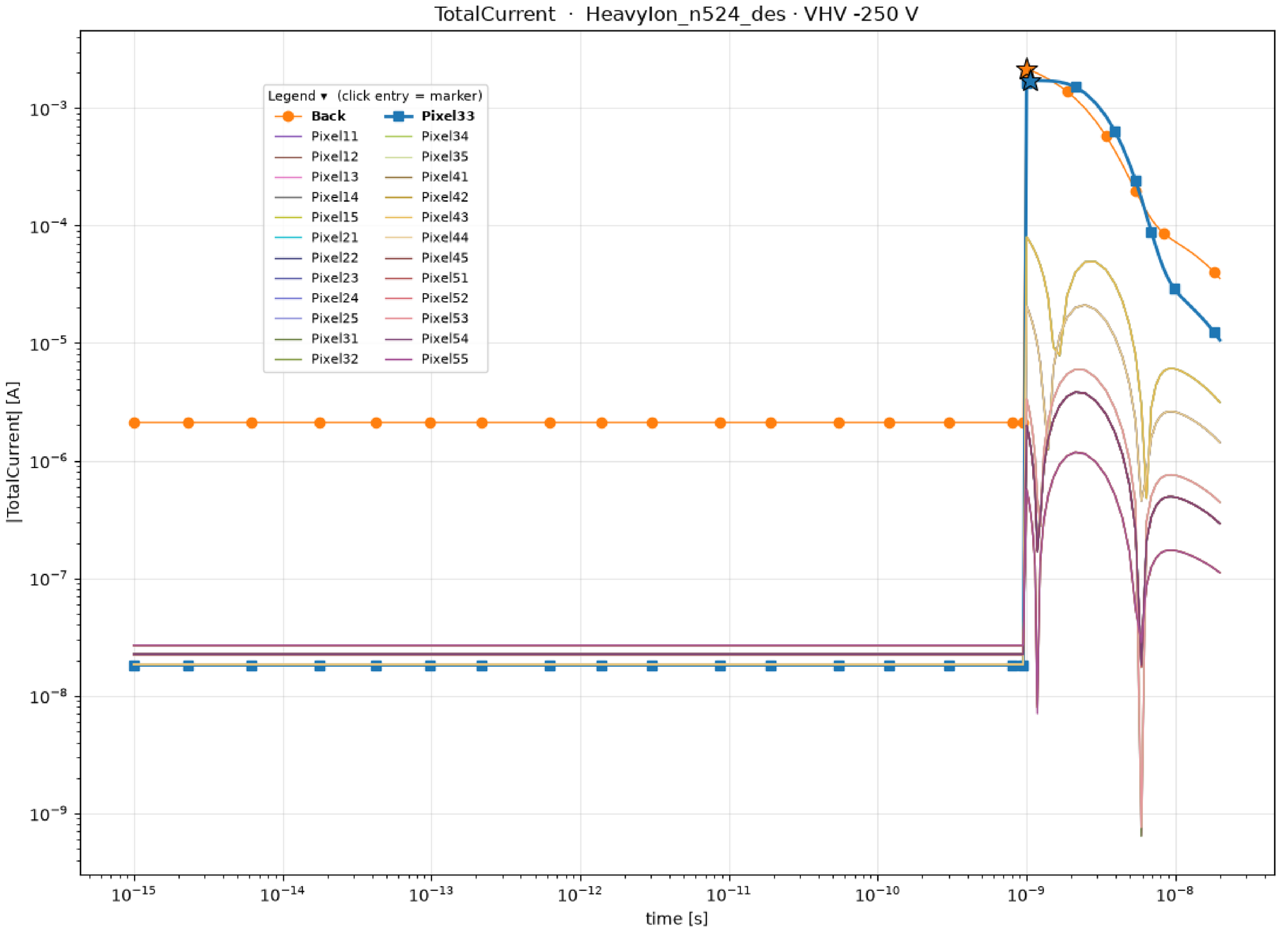
Pixel Map 5x5



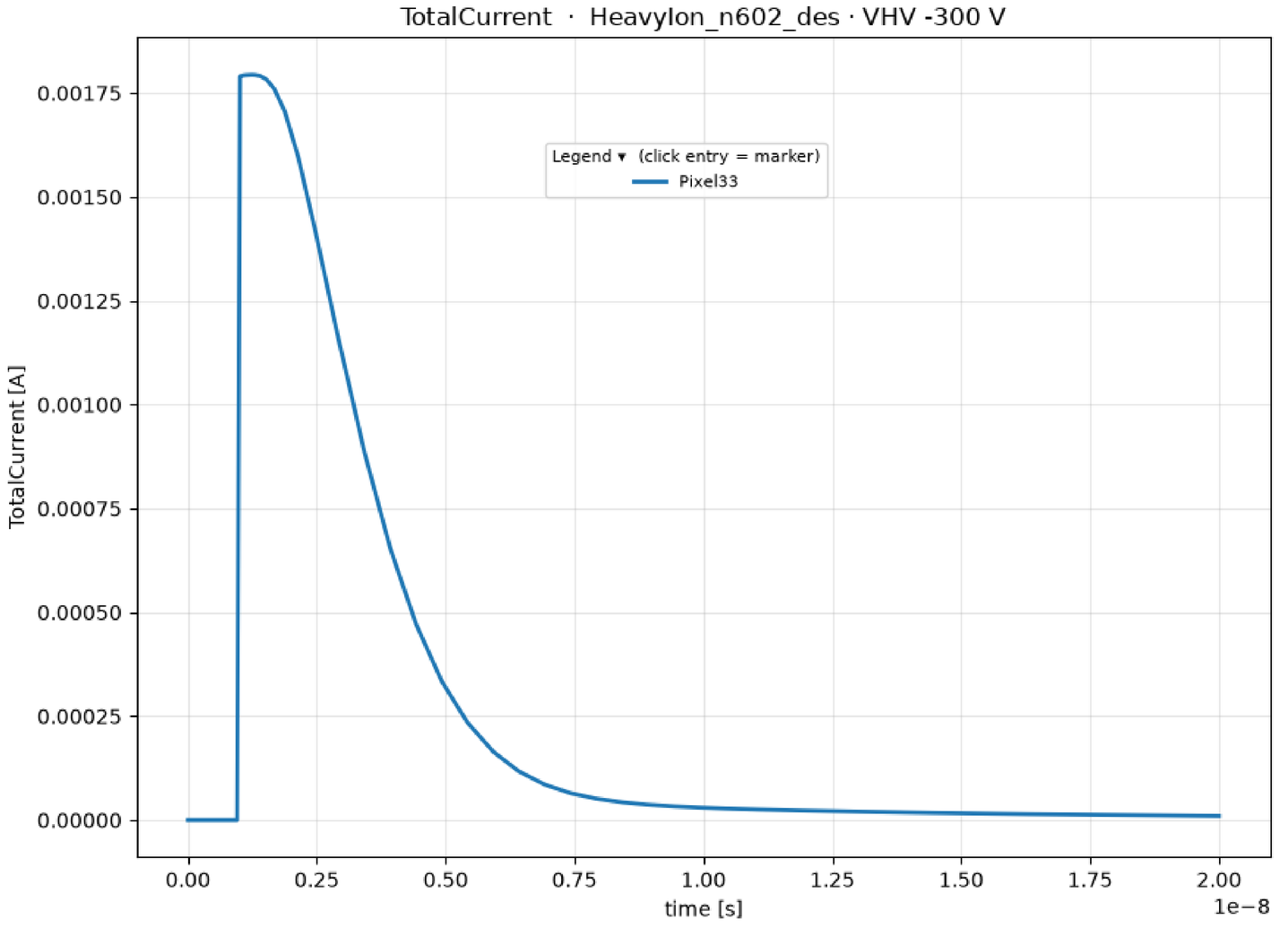
Total Current vs Time (All Pixel - 250V):



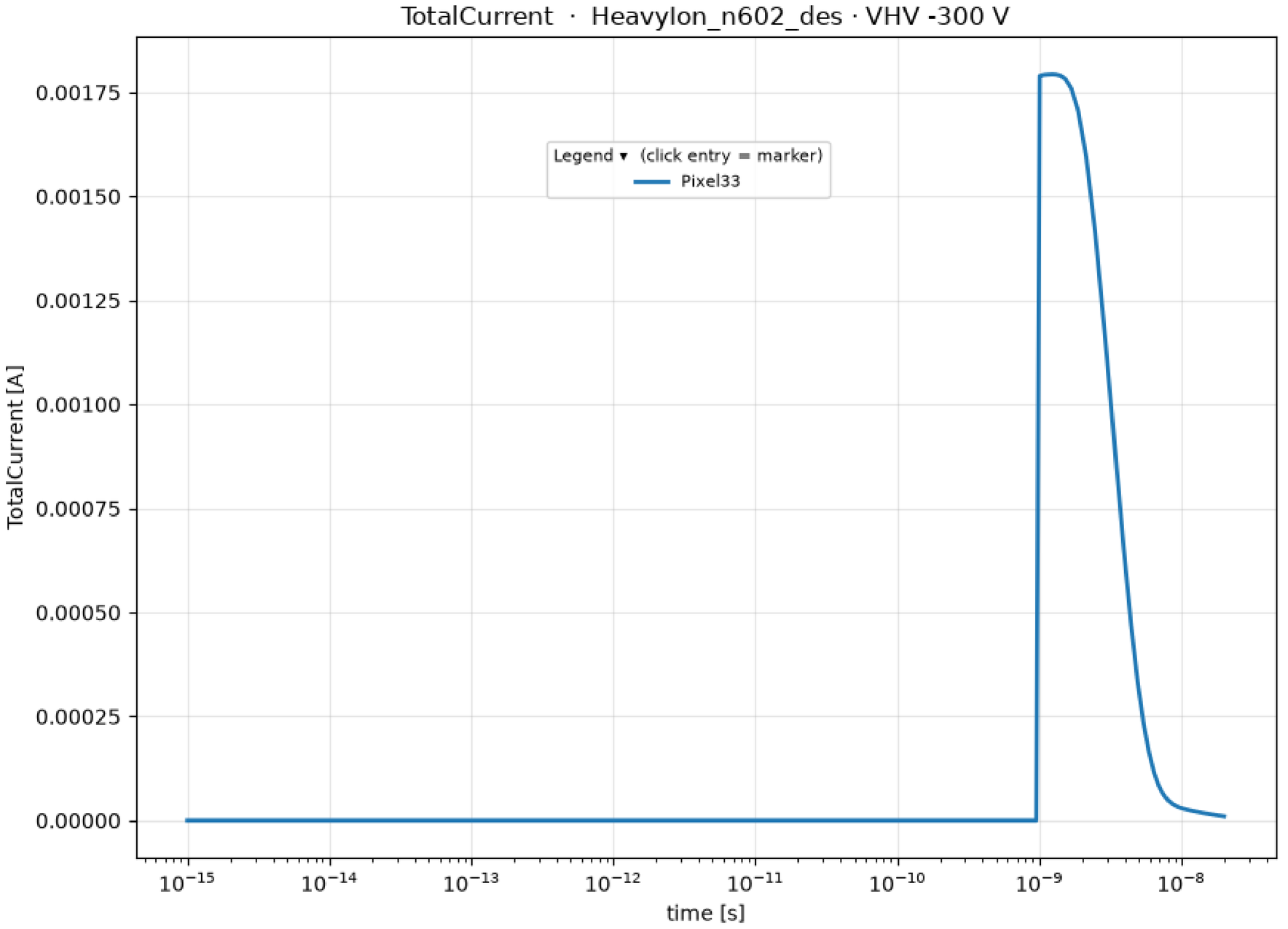

TotalCurrent · HeavyIon_n524_des · VHV -250 V
TotalCurrent [A]
time [s]
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
−0.0015
−0.0020
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

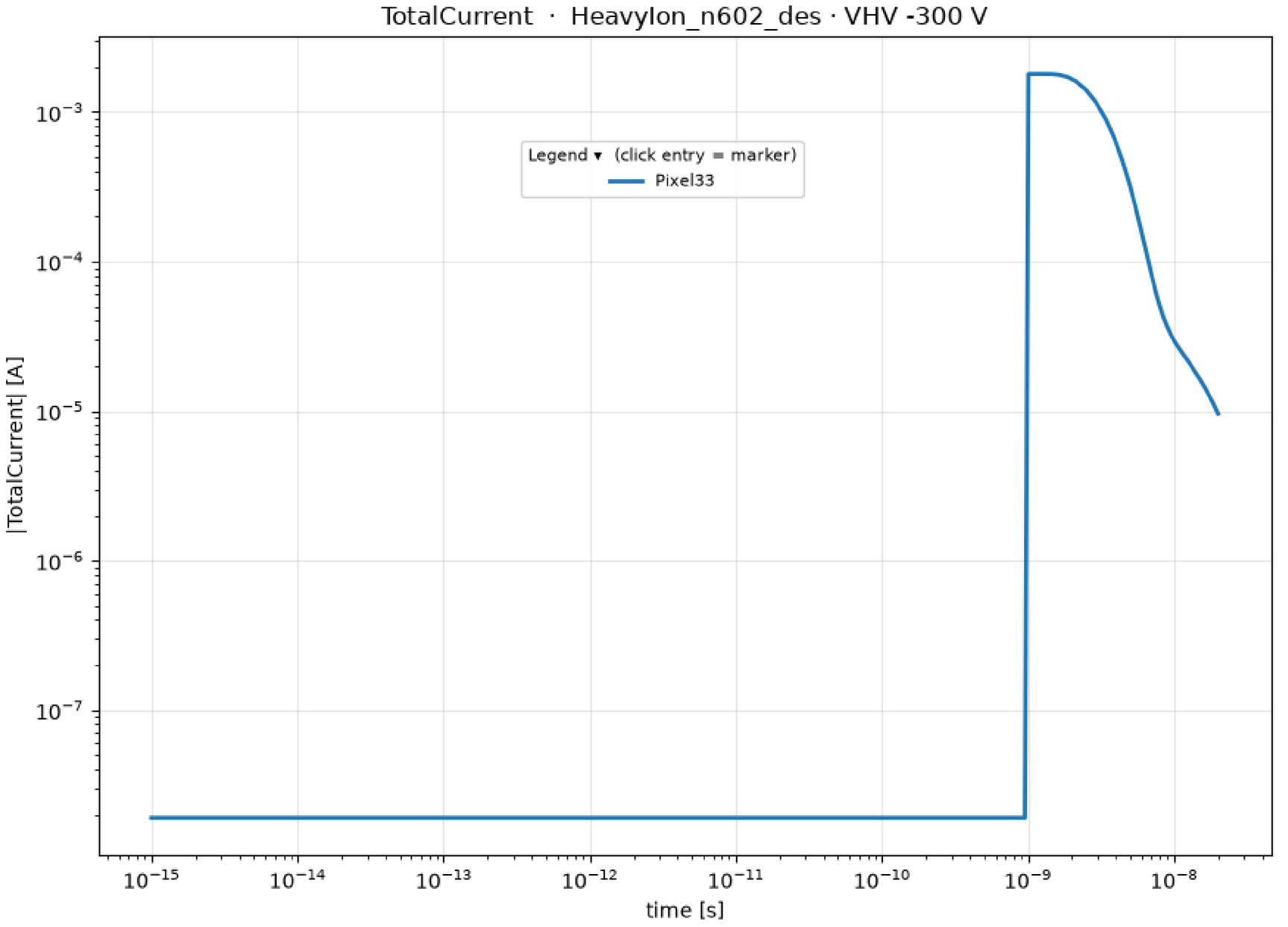

TotalCurrent · HeavyIon_n524_des · VHV -250 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 300V):

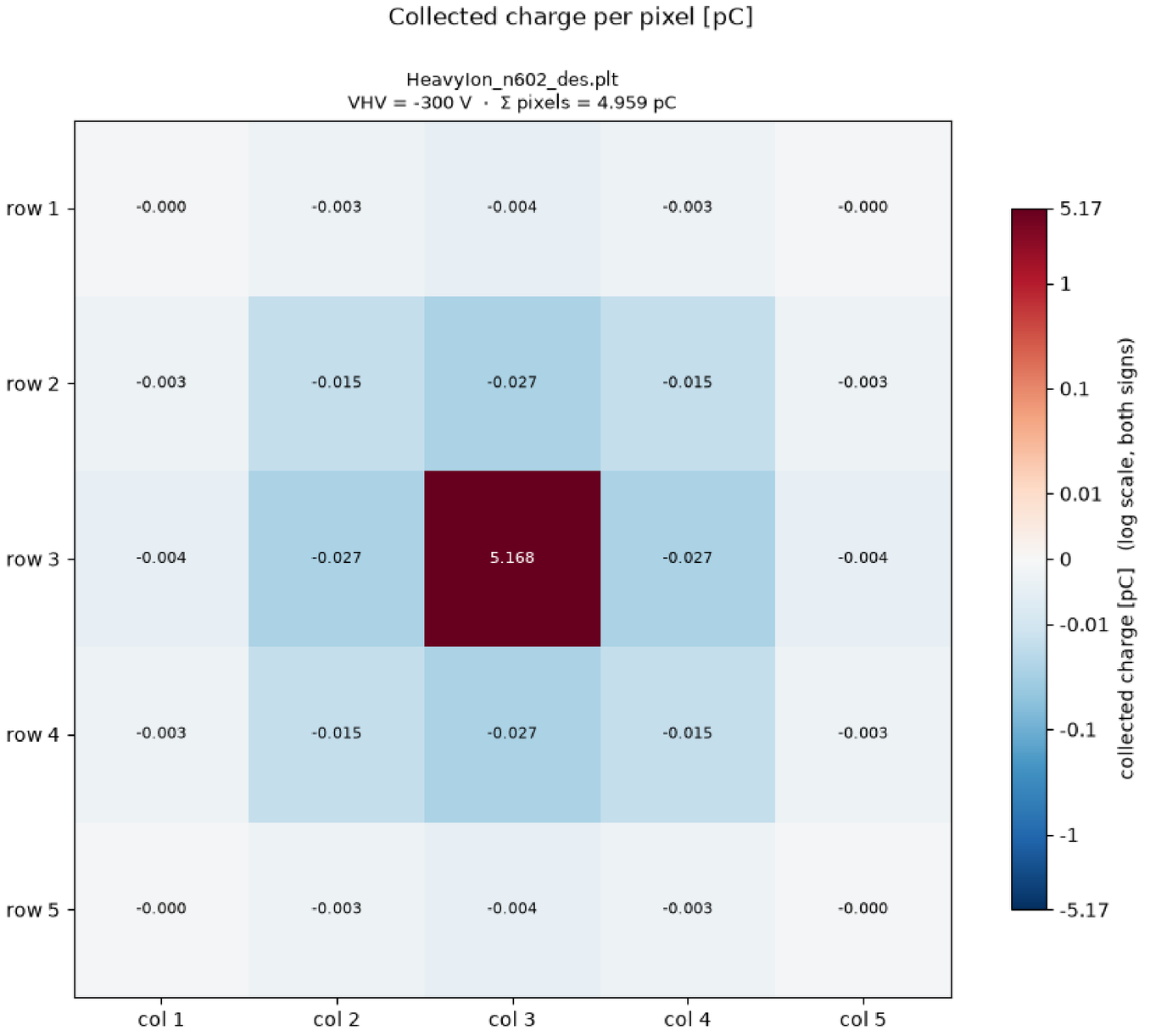



```
=== HeavyIon_n602_des.plt   (VHV = −300 V) ===
contact          peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.7939e−03    1.24 ns       41.8 ps       3.72 ns       5.1683
```

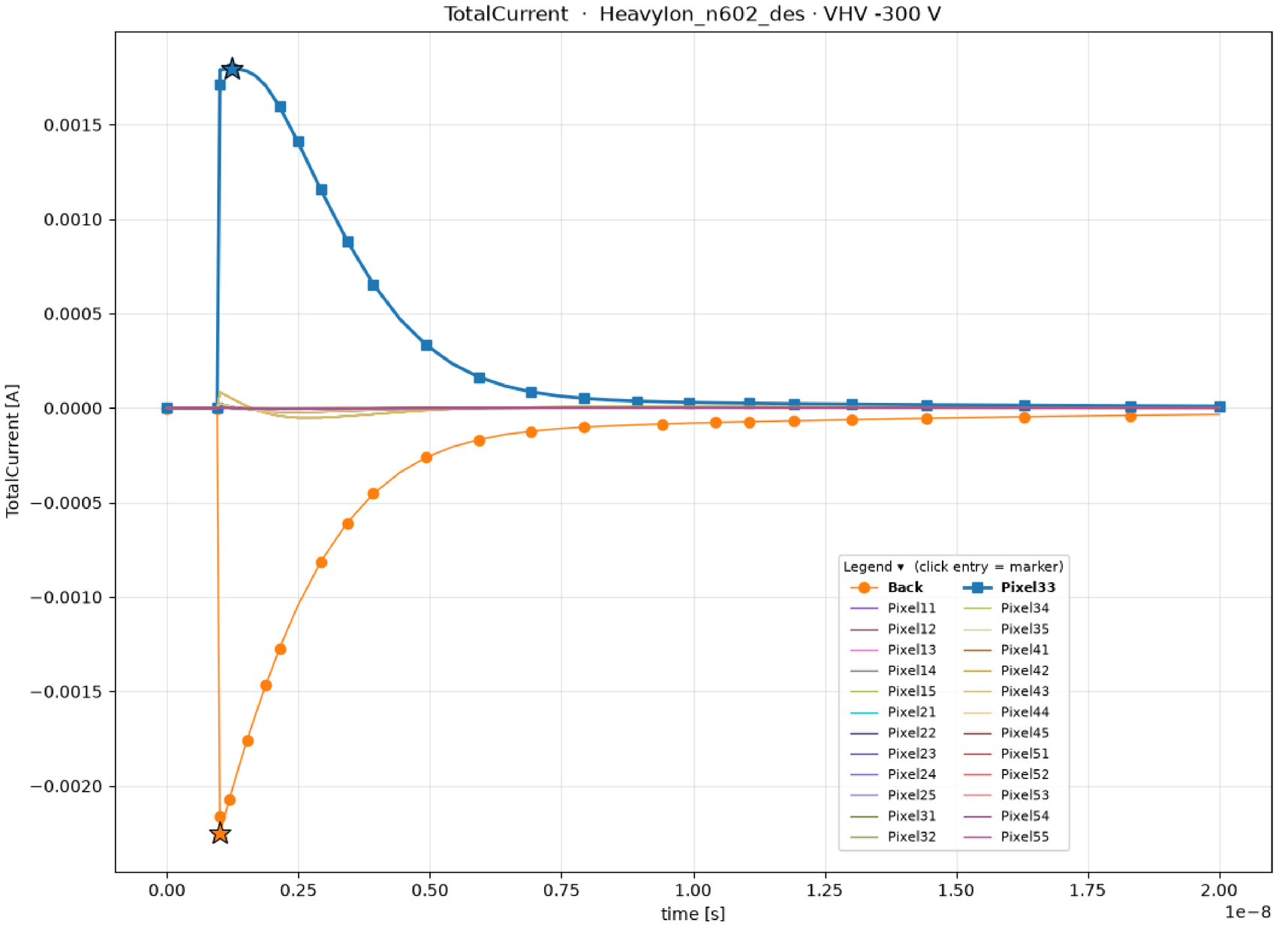

TotalCurrent · HeavyIon_n602_des · VHV -300 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

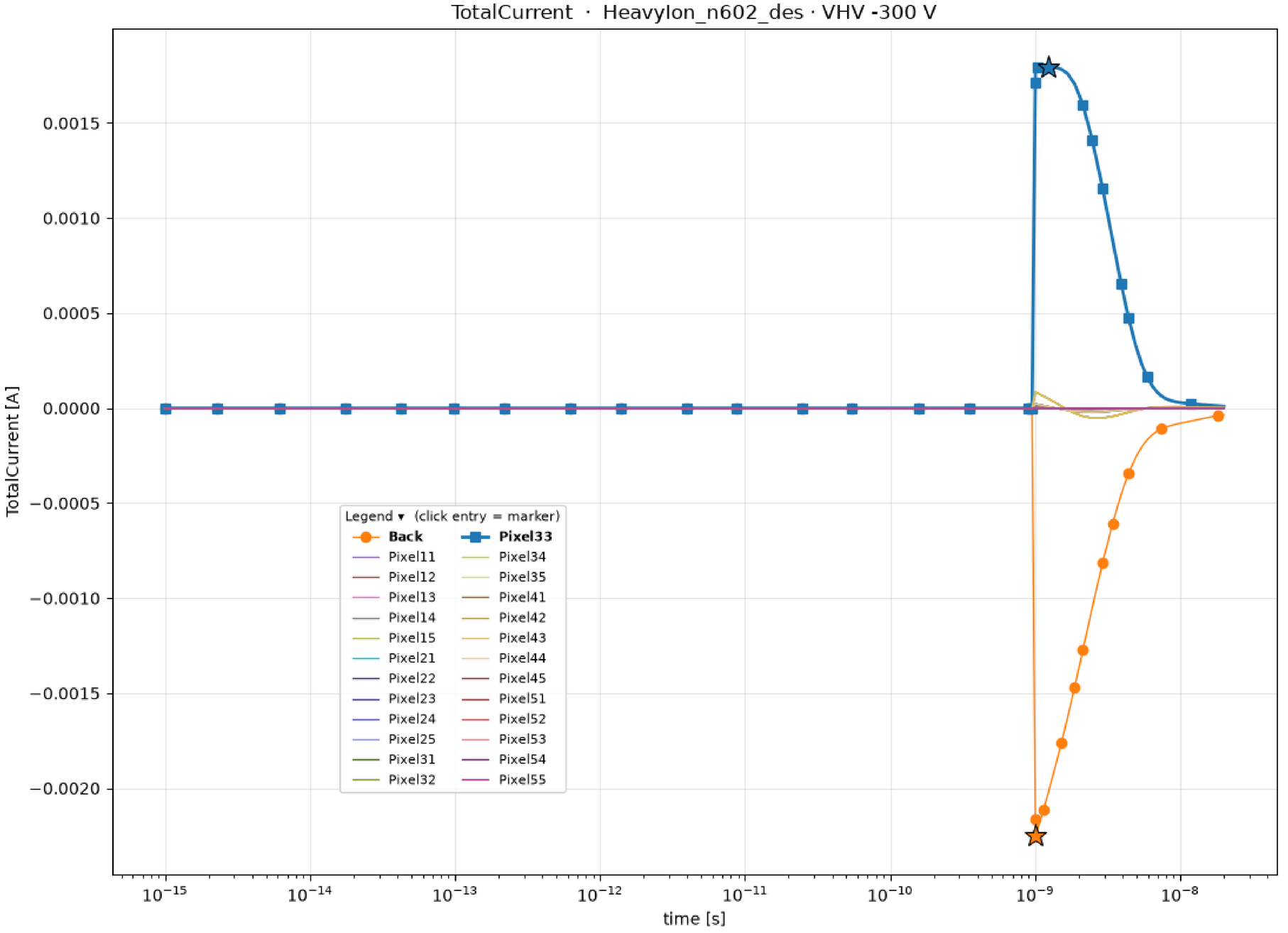

TotalCurrent · HeavyIon_n602_des · VHV -300 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

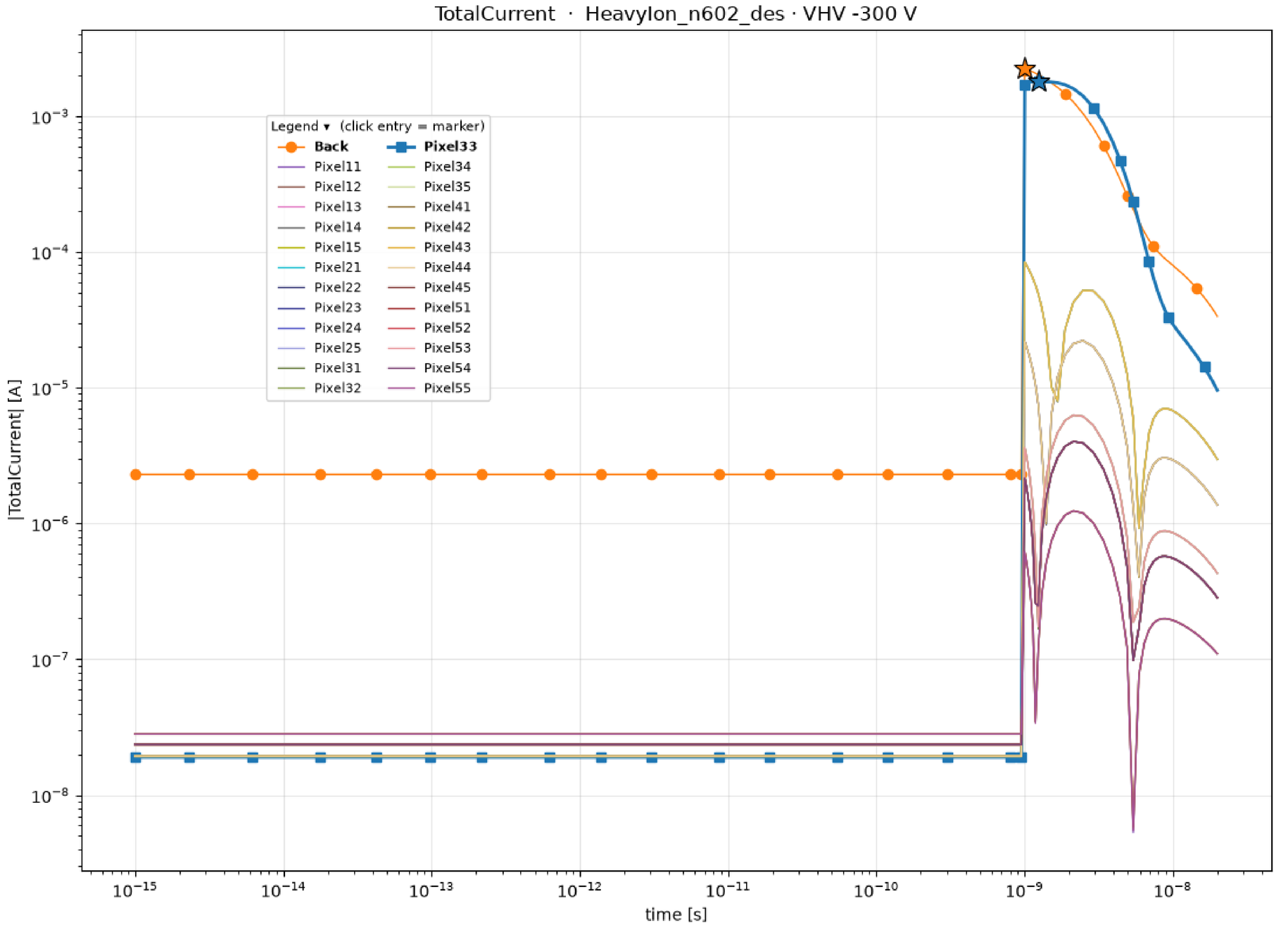
Pixel Map 5x5



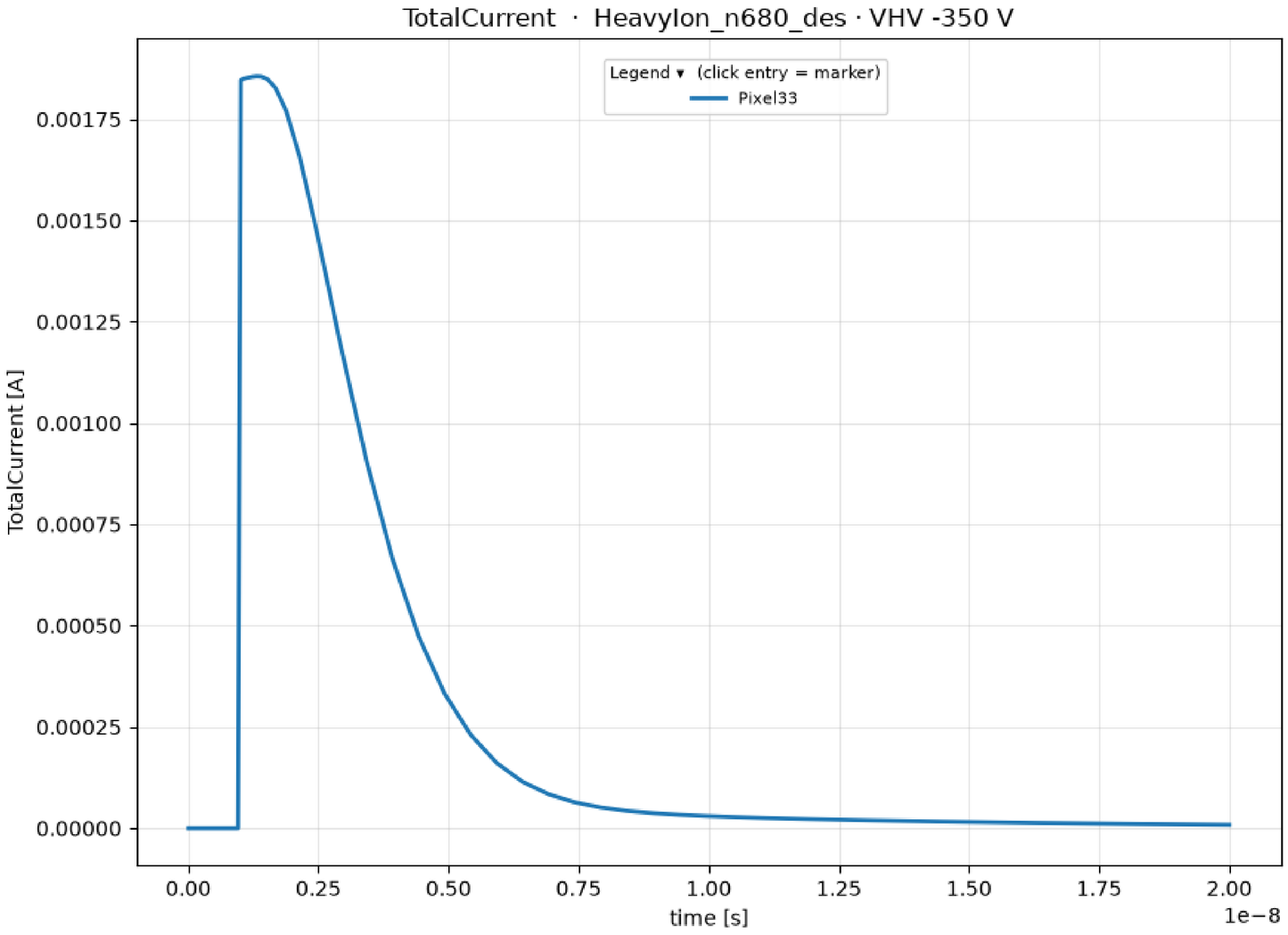
Total Current vs Time (All Pixel - 300V):



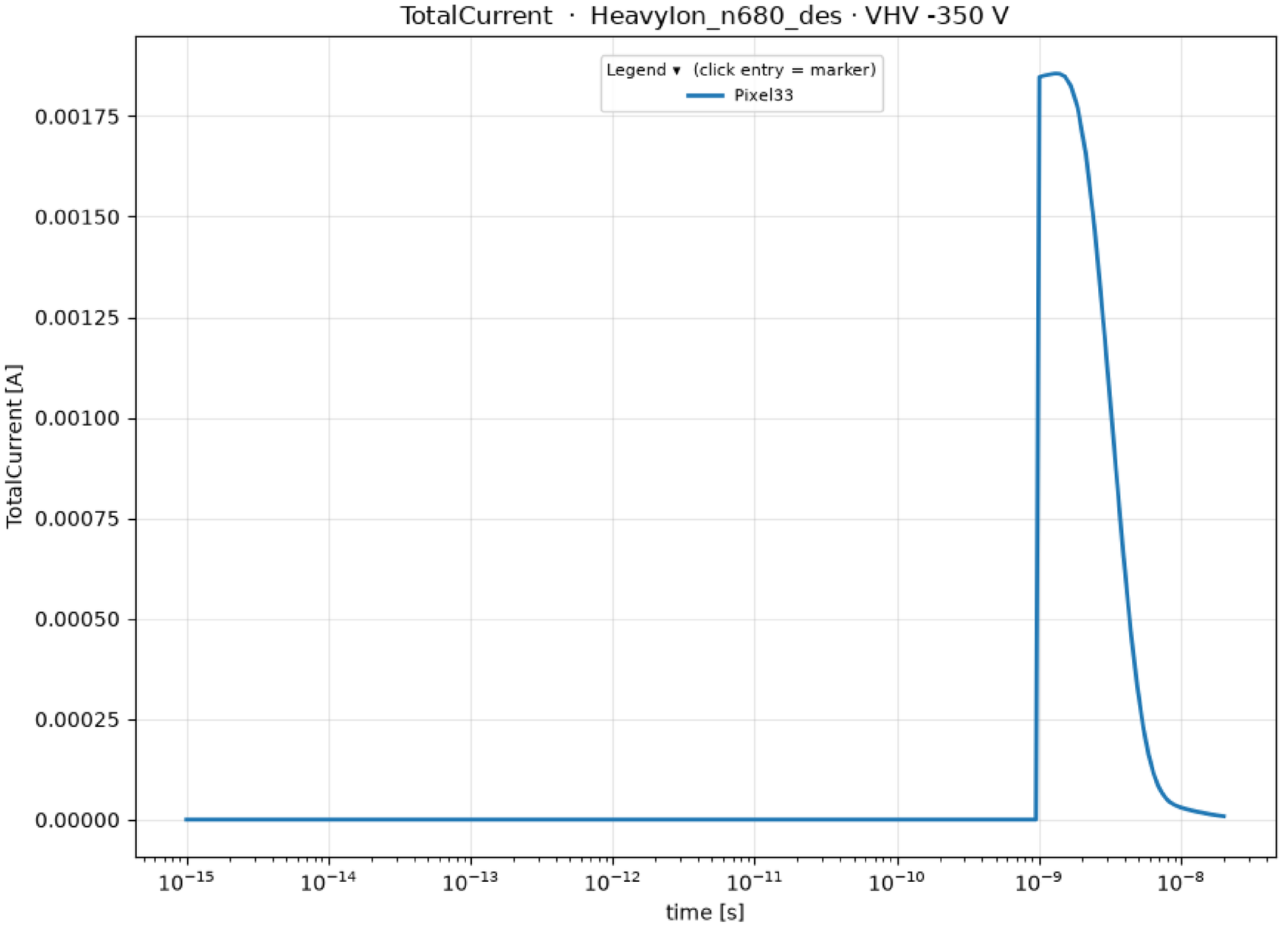

TotalCurrent · HeavyIon_n602_des · VHV -300 V
TotalCurrent [A]
time [s]
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
−0.0015
−0.0020
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

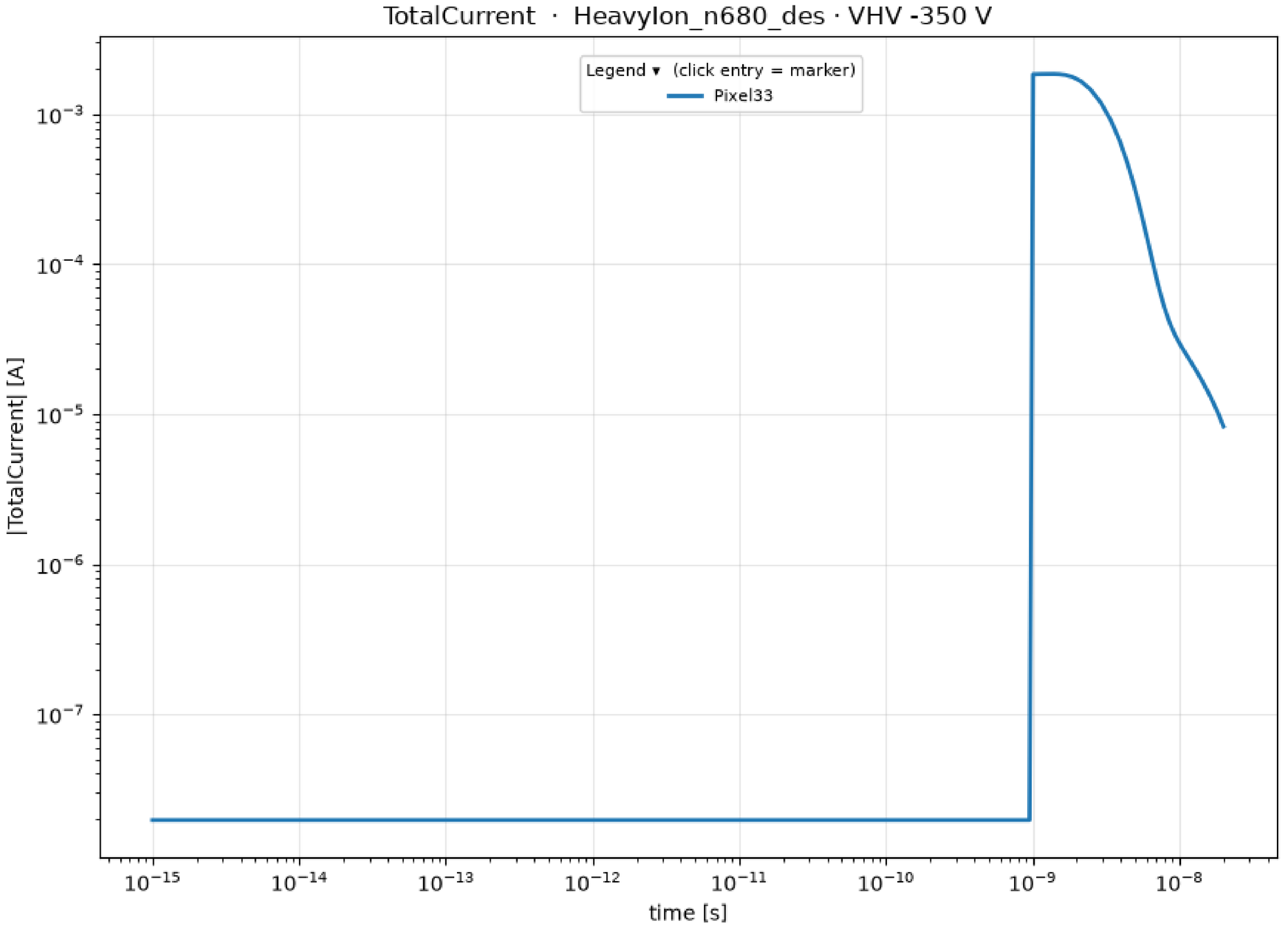

TotalCurrent · HeavyIon_n602_des · VHV -300 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 350V):

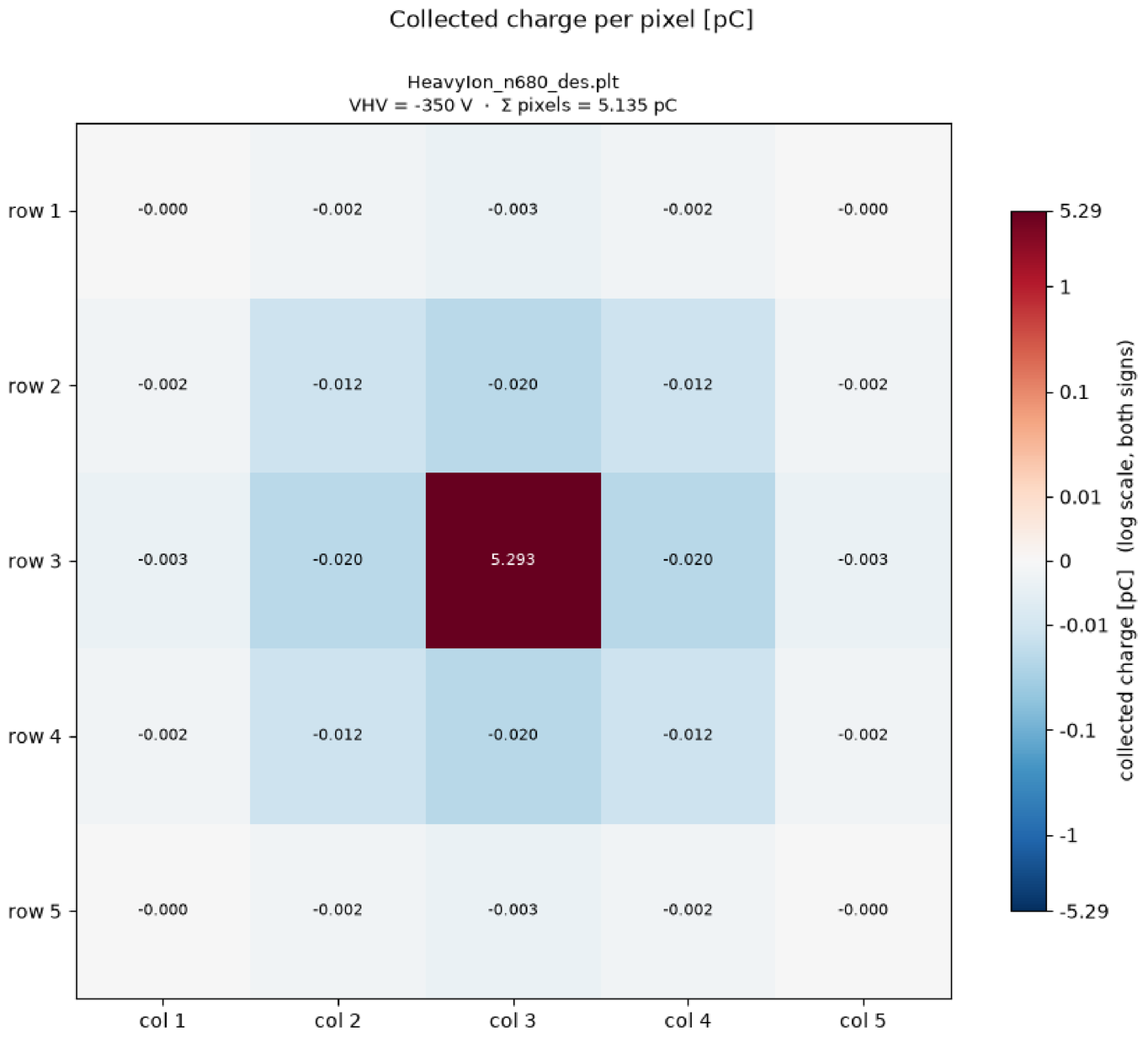



```
=== HeavyIon_n680_des.plt   (VHV = −350 V) ===
contact         peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.8560e−03    1.31 ns      41.9 ps      3.64 ns       5.2929
```

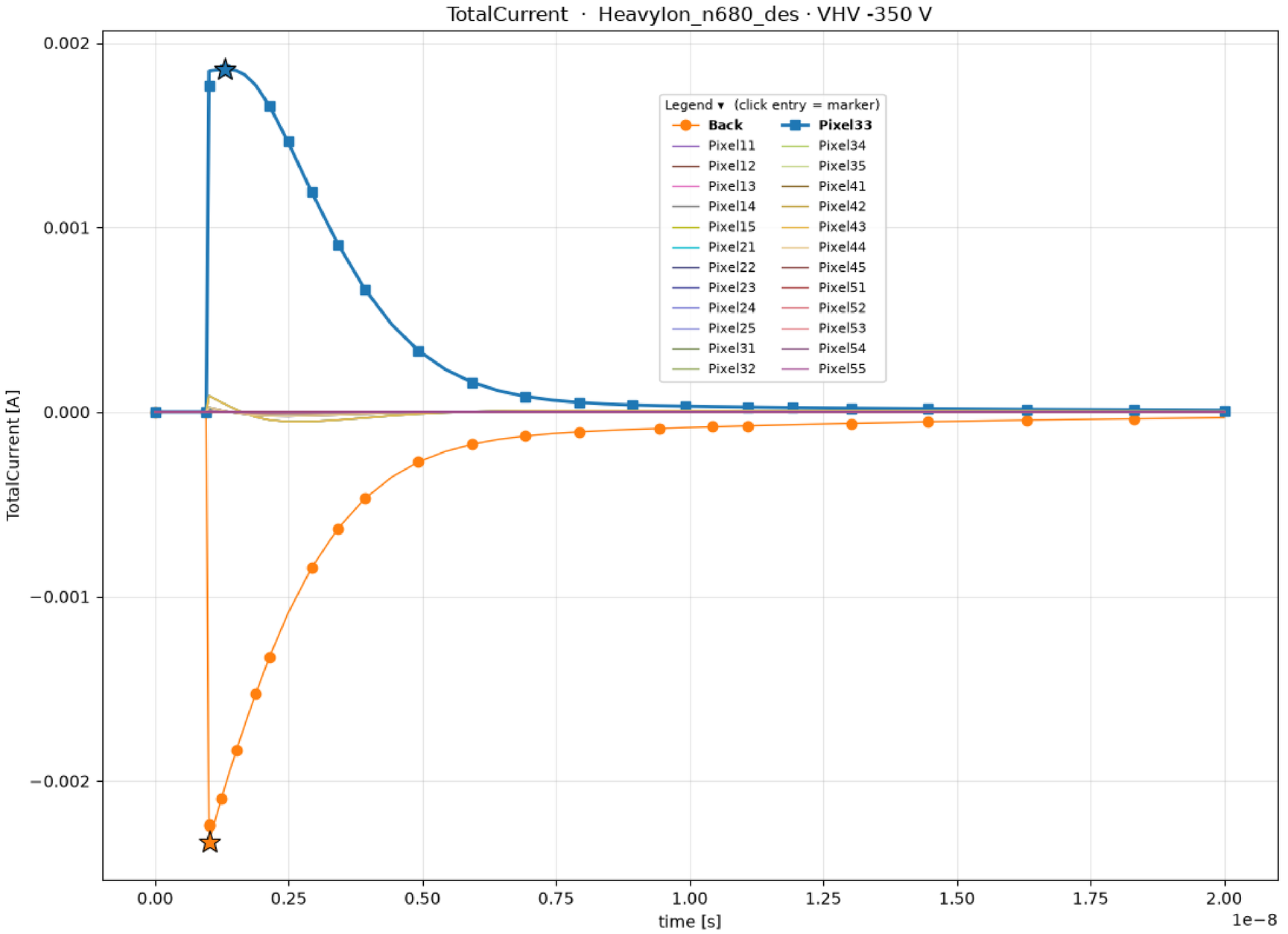

TotalCurrent · HeavyIon_n680_des · VHV -350 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

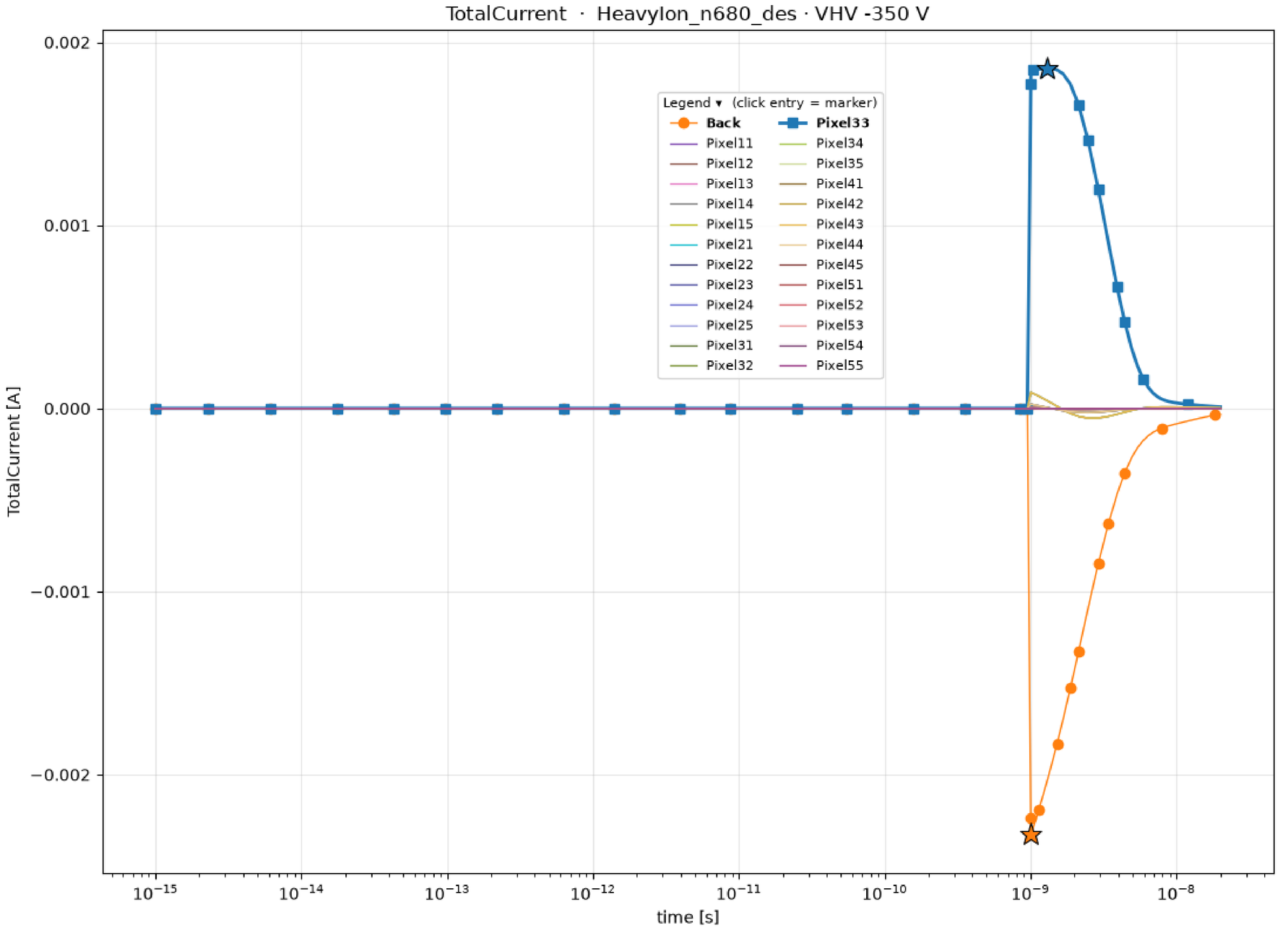

TotalCurrent · HeavyIon_n680_des · VHV -350 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

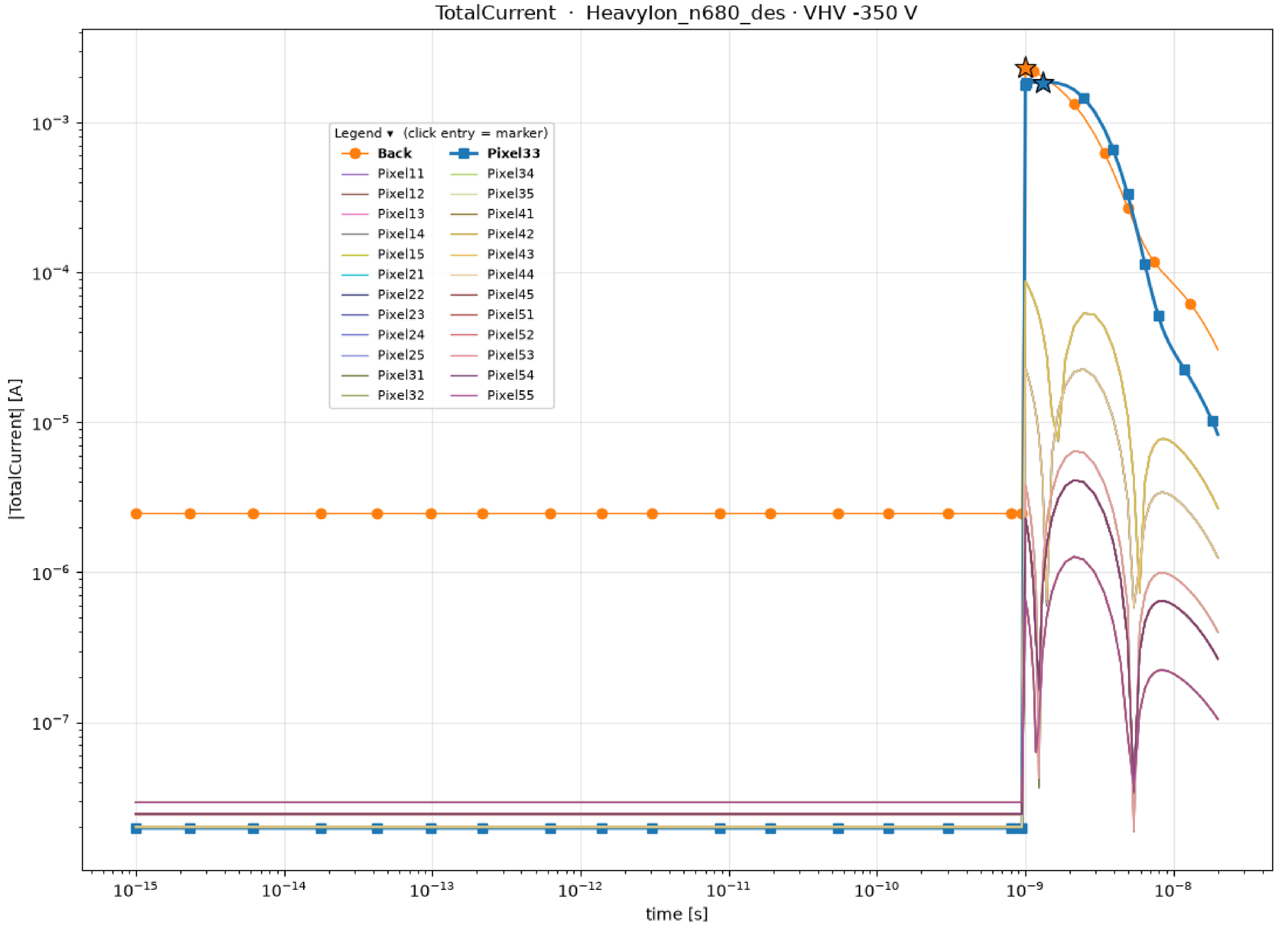
Pixel Map 5x5



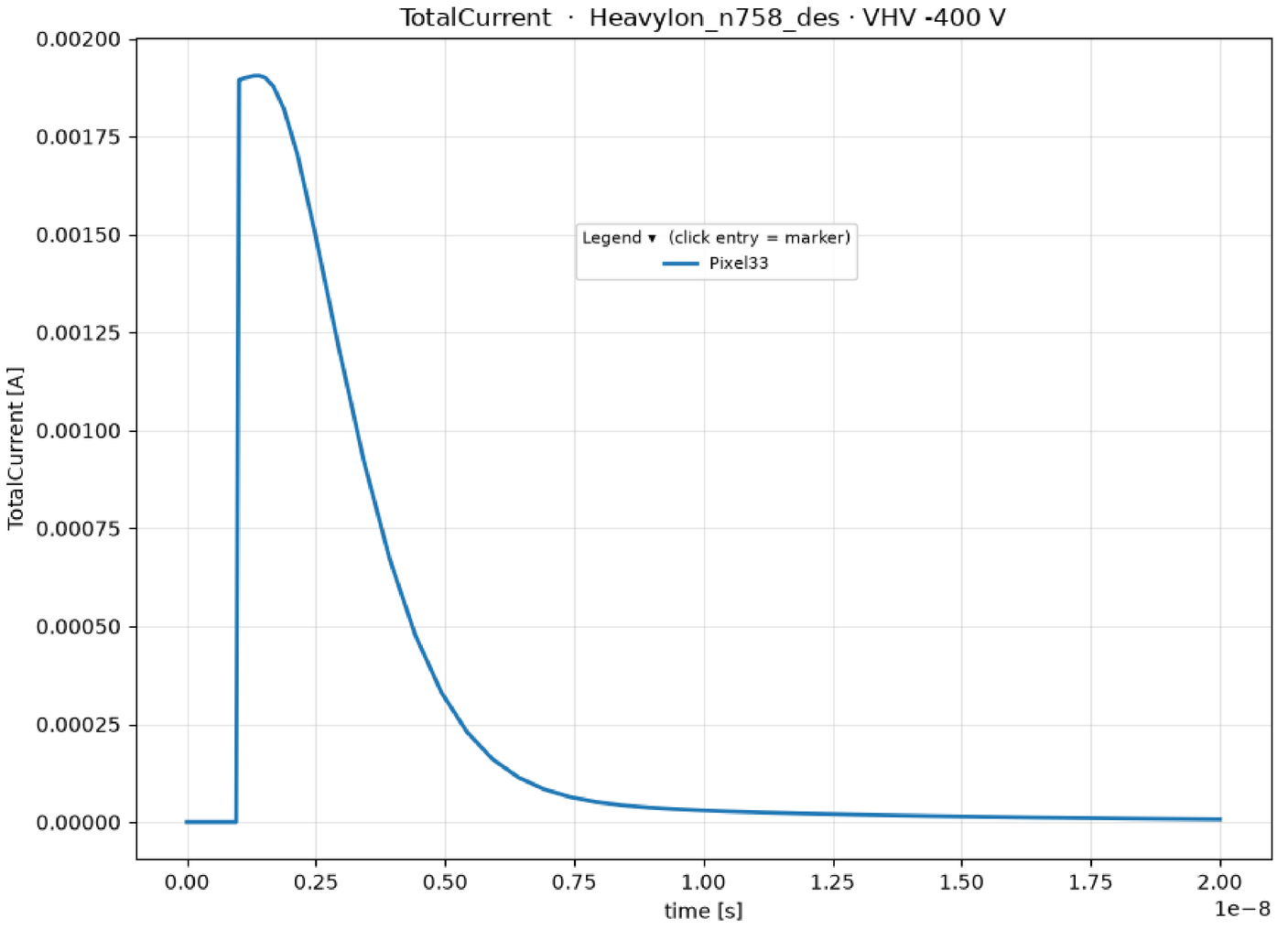
Total Current vs Time (All Pixel - 350V):



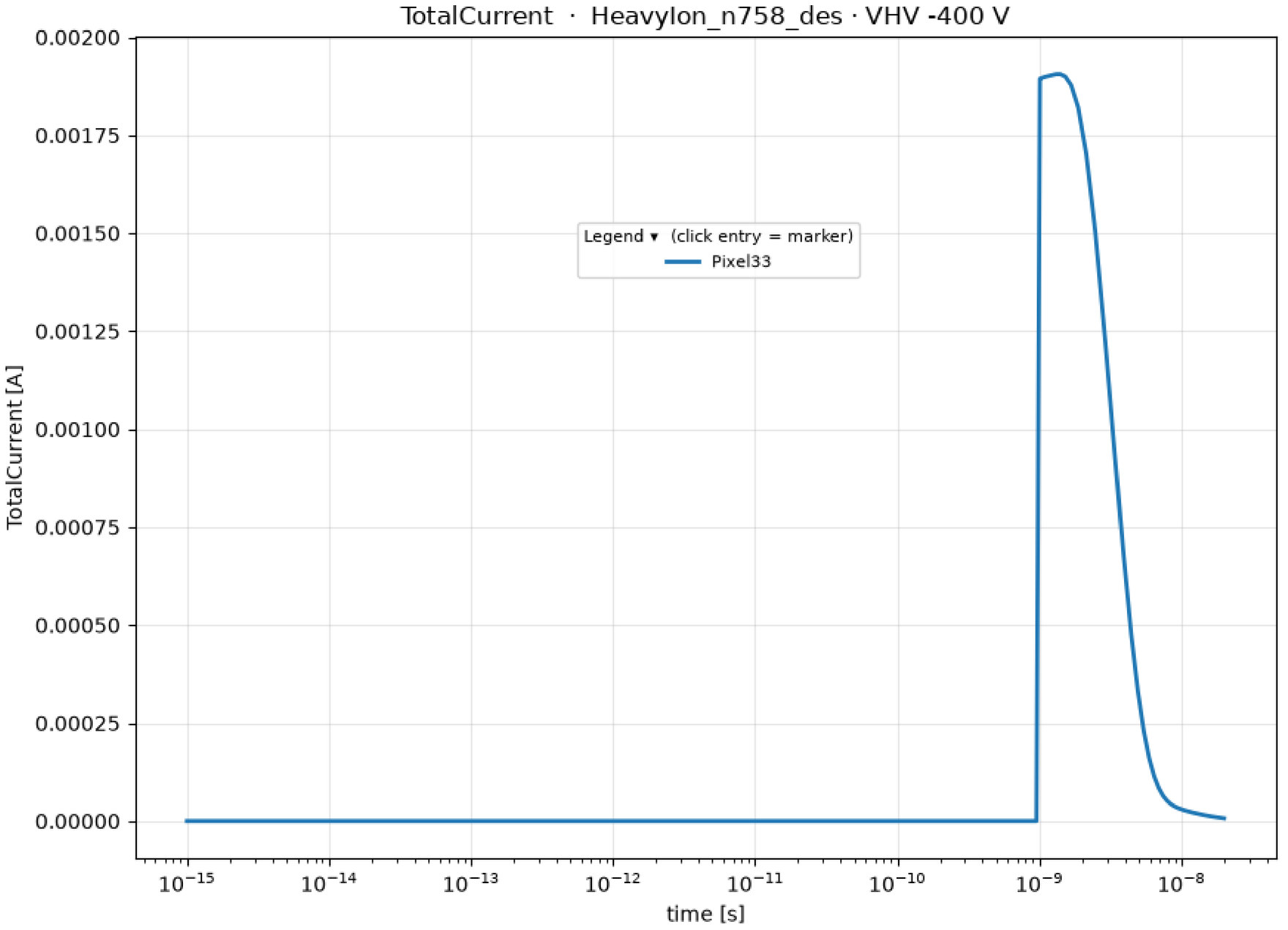

TotalCurrent · HeavyIon_n680_des · VHV -350 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
0.002
0.001
0.000
−0.001
−0.002
TotalCurrent [A]
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

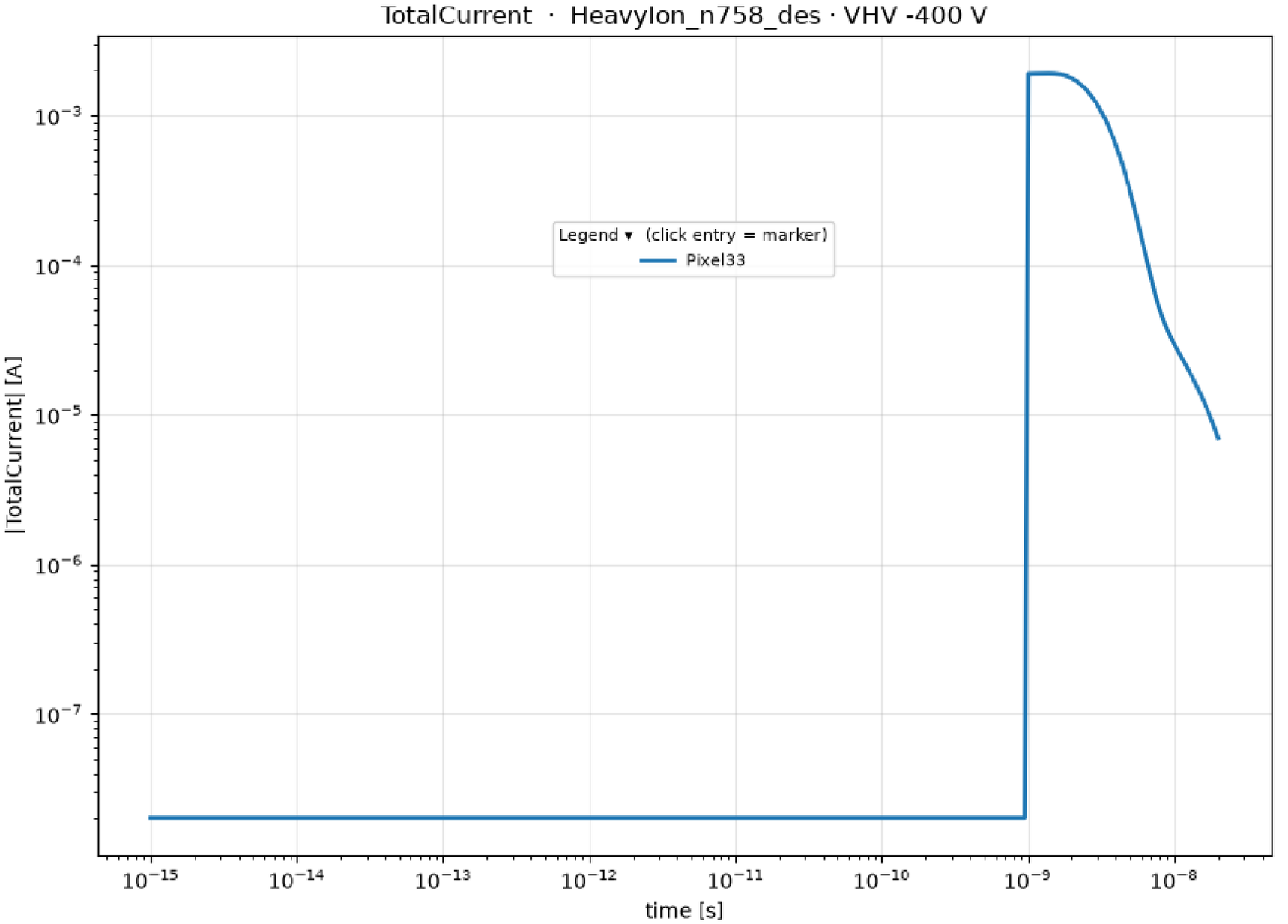

TotalCurrent · HeavyIon_n680_des · VHV -350 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 400V):

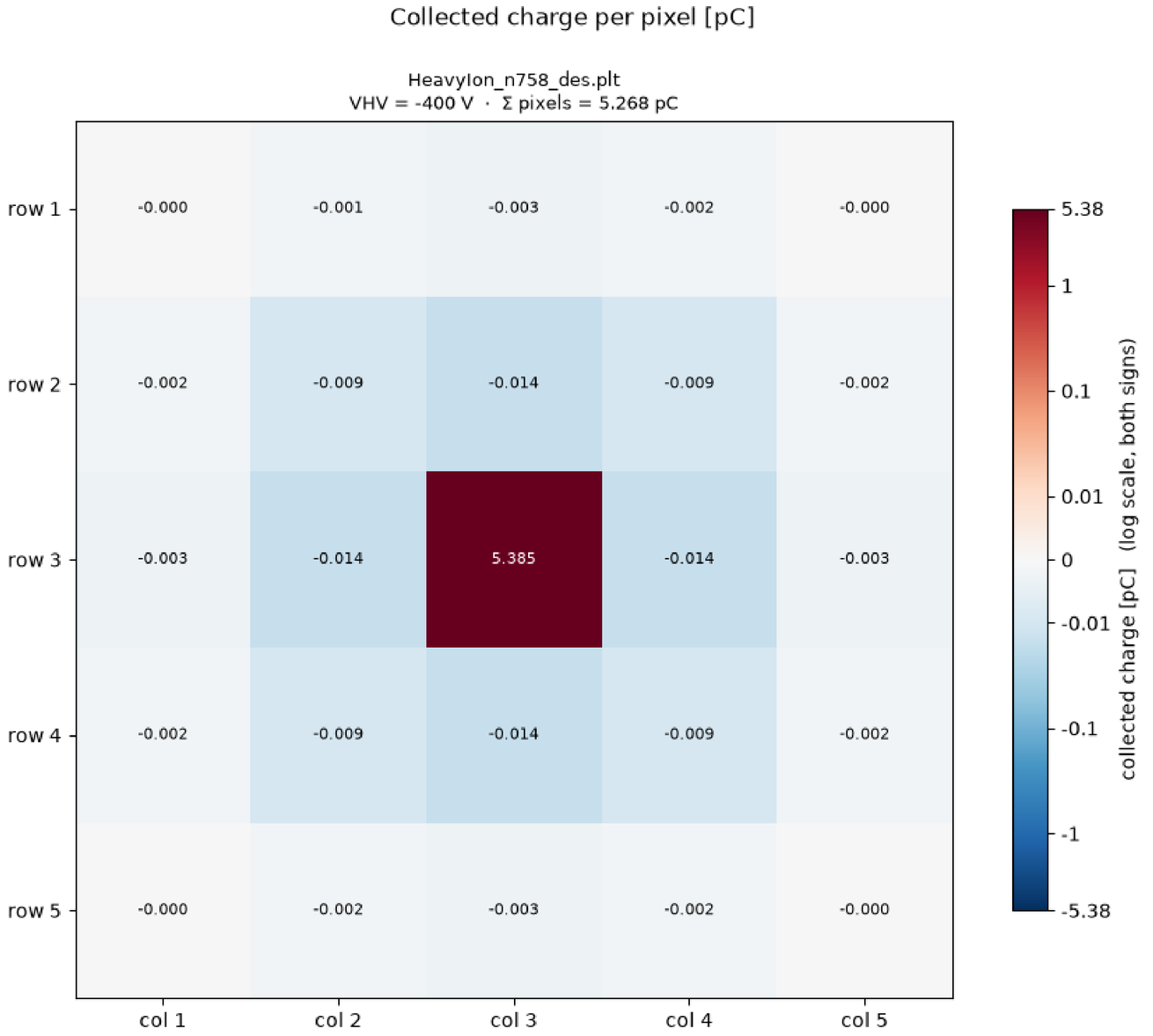



```
=== HeavyIon_n758_des.plt   (VHV = −400 V) ===
contact          peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.9054e−03     1.4 ns        42 ps      3.59 ns       5.3850
```

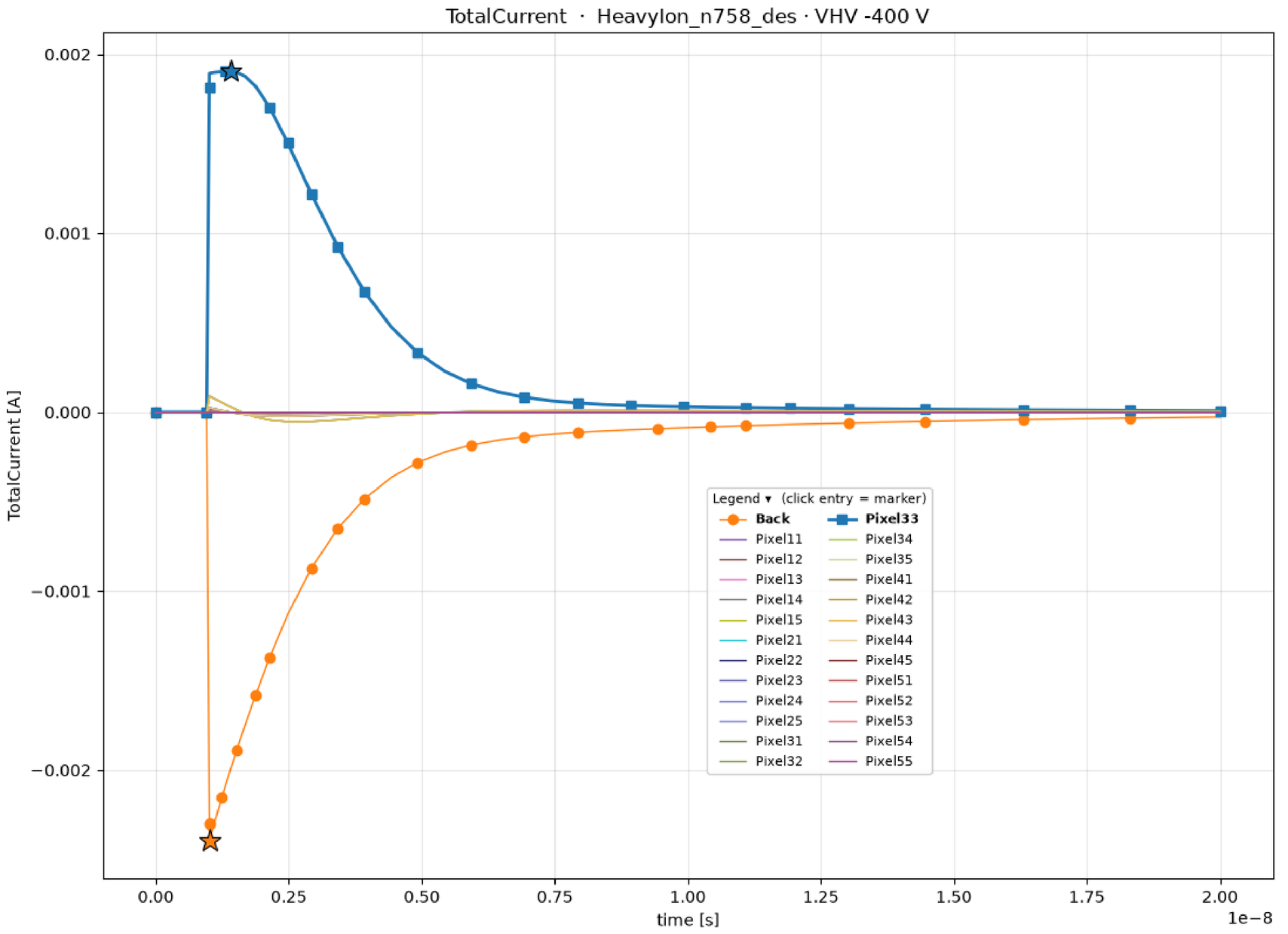

TotalCurrent · HeavyIon_n758_des · VHV -400 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00200
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

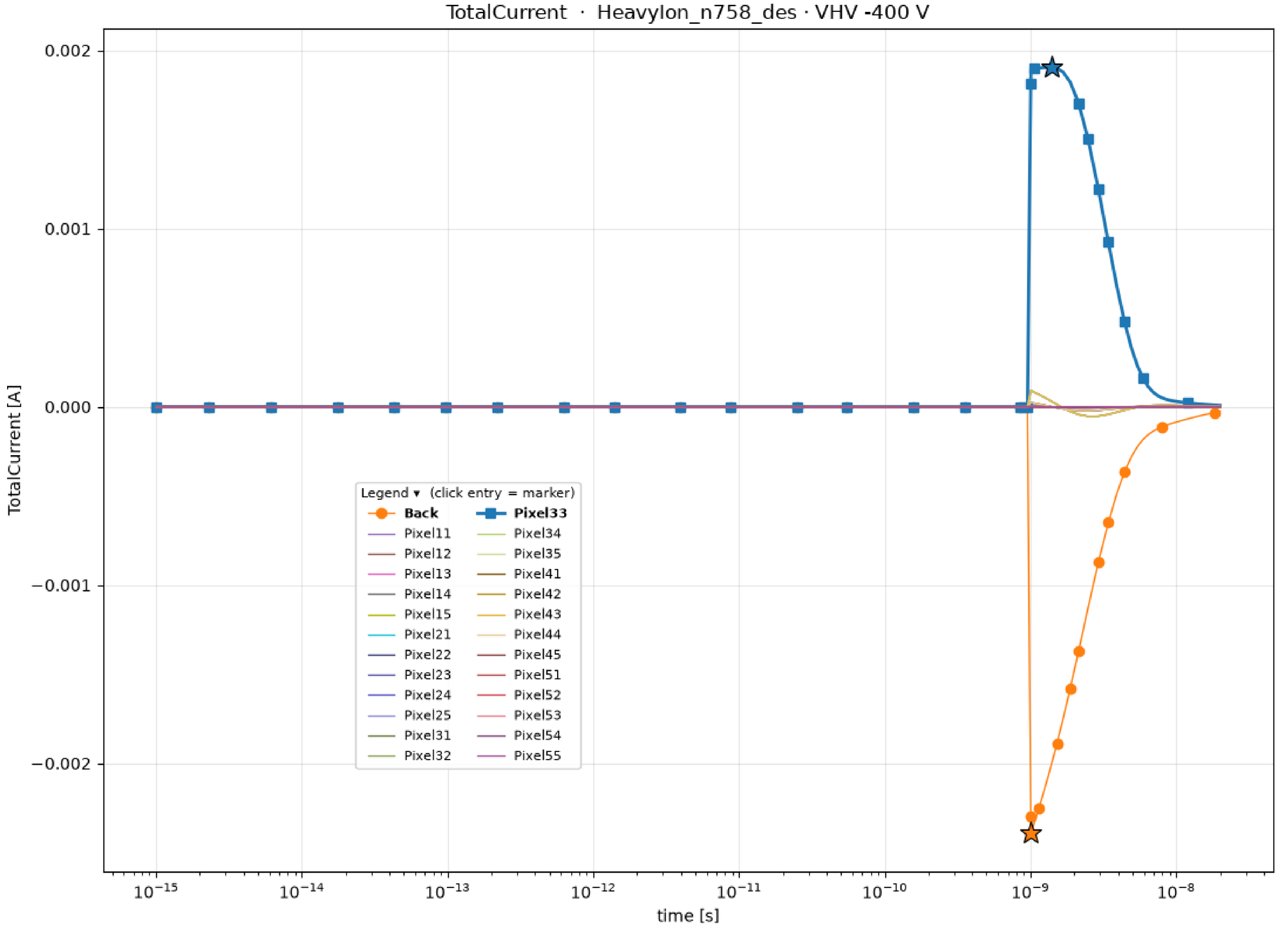

TotalCurrent · HeavyIon_n758_des · VHV -400 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

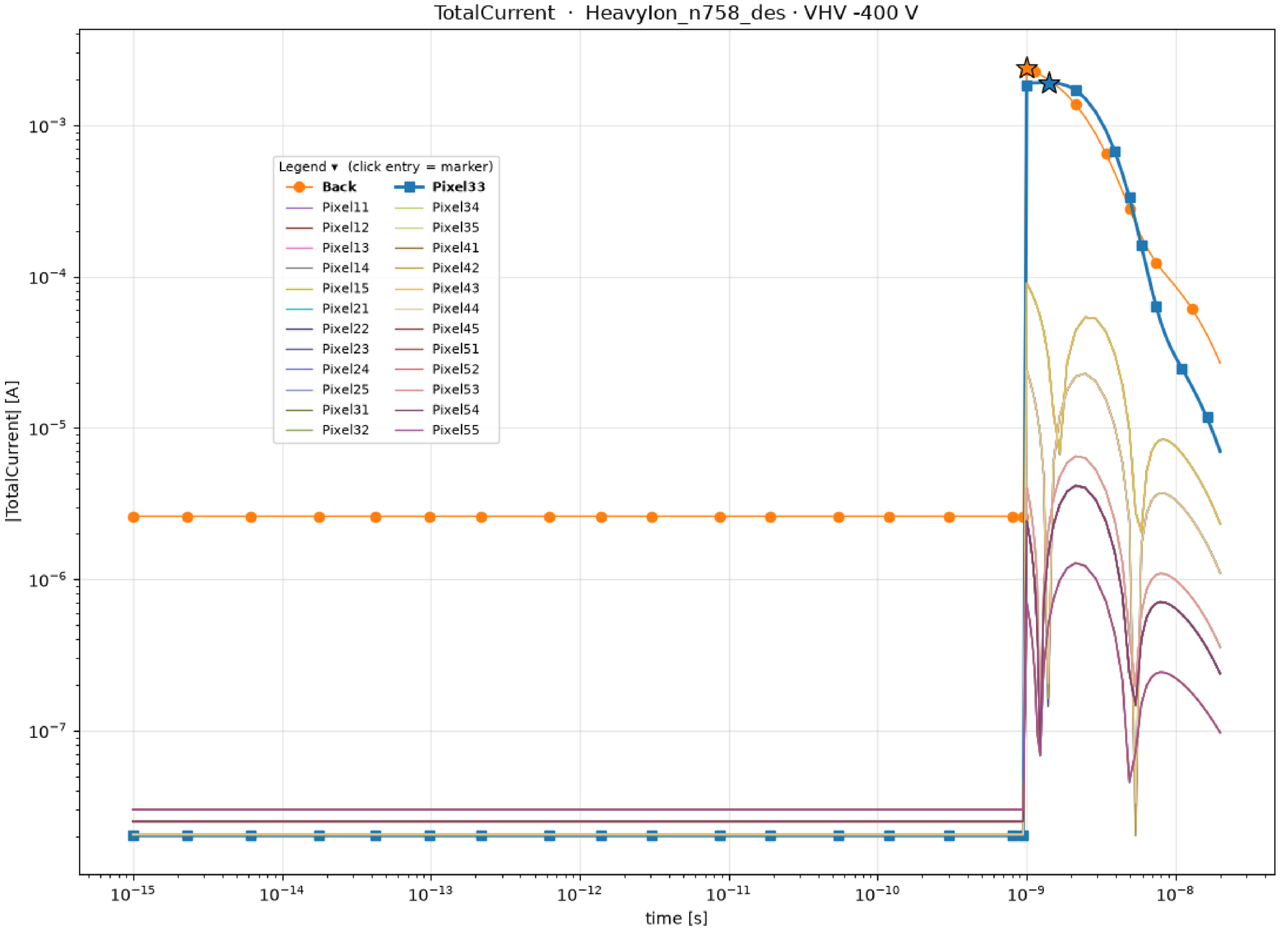
Pixel Map 5x5



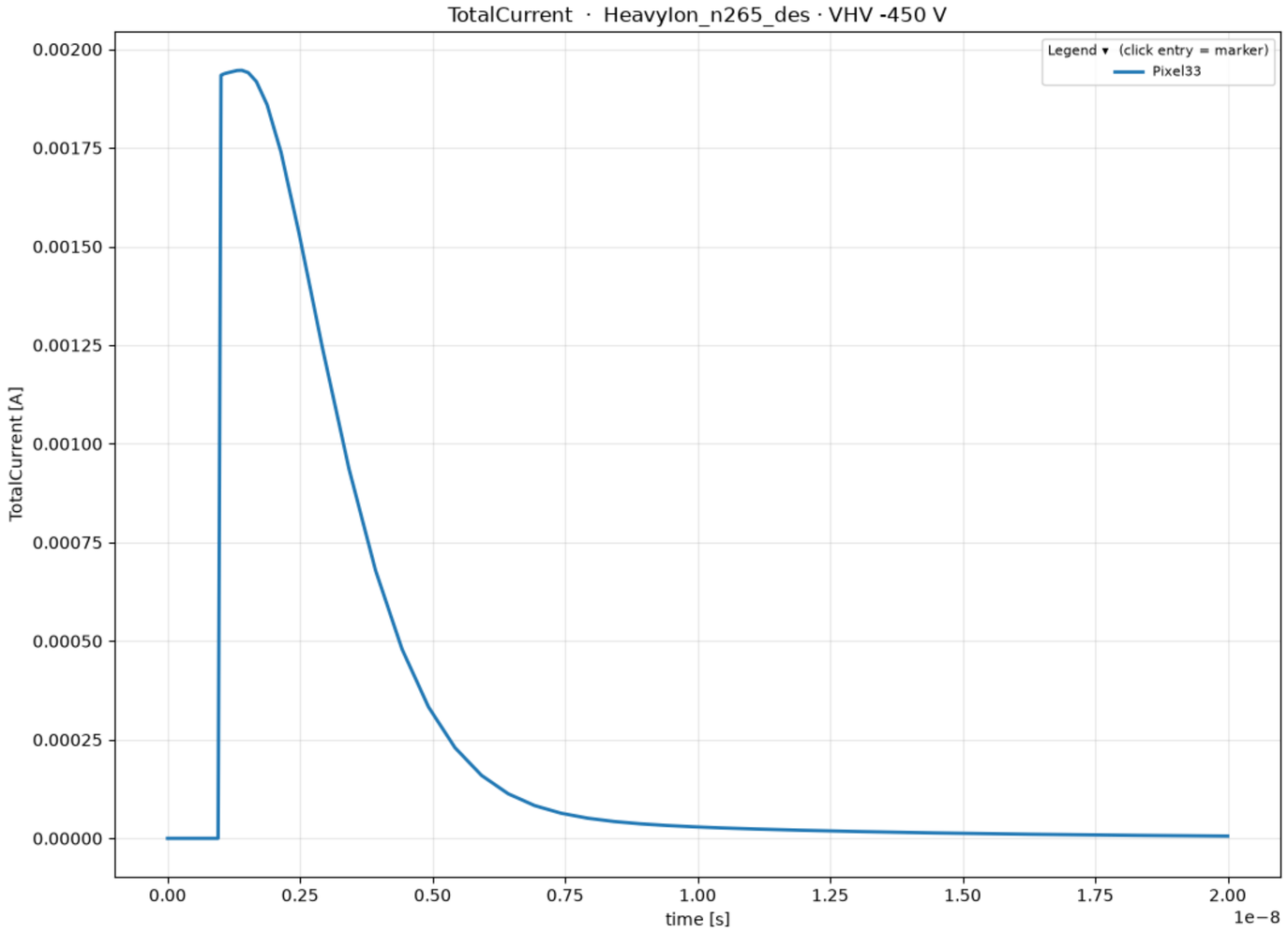
Total Current vs Time (All Pixel - 400V):



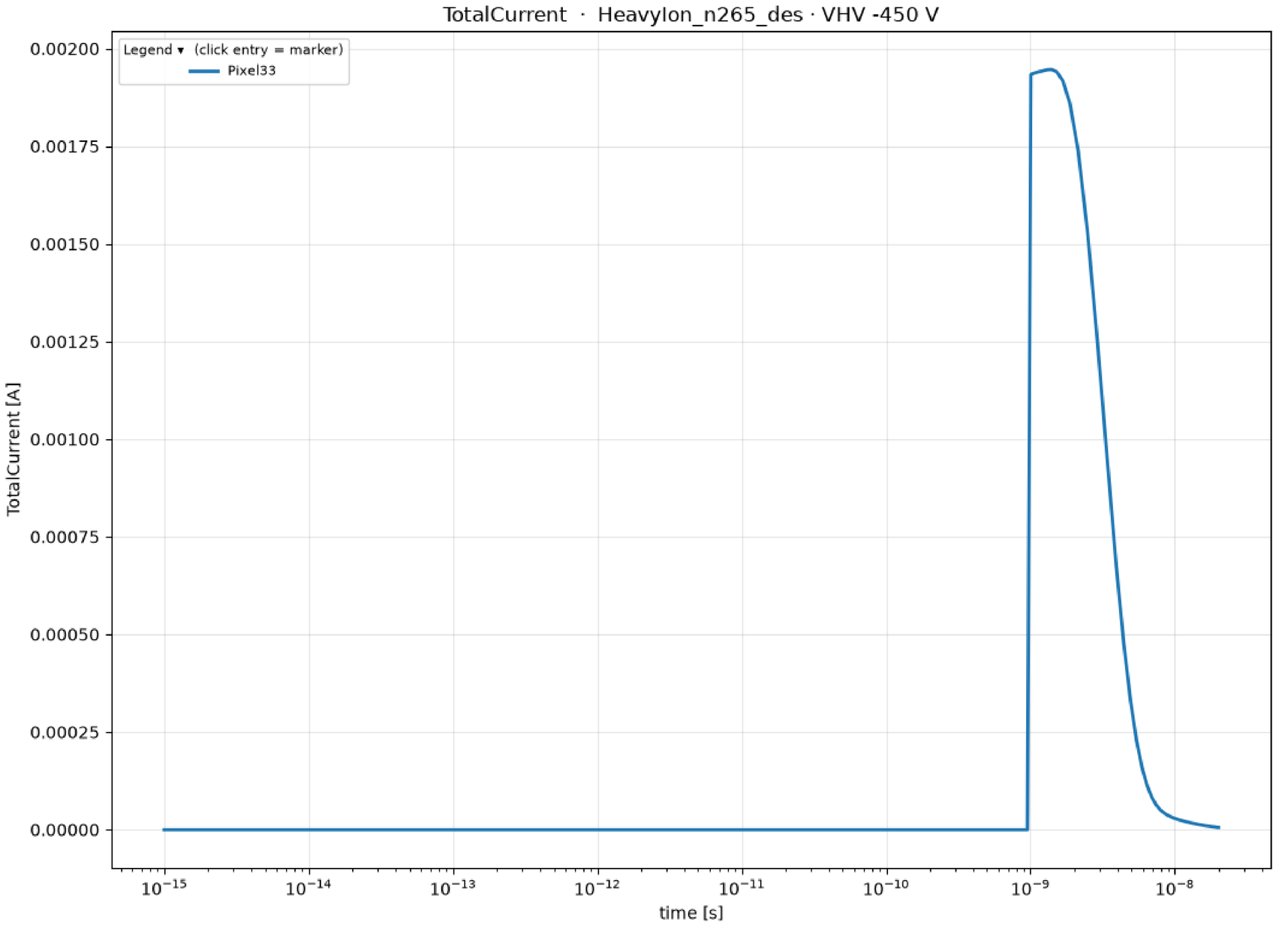

TotalCurrent · HeavyIon_n758_des · VHV -400 V
TotalCurrent [A]
time [s]
0.002
0.001
0.000
−0.001
−0.002
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

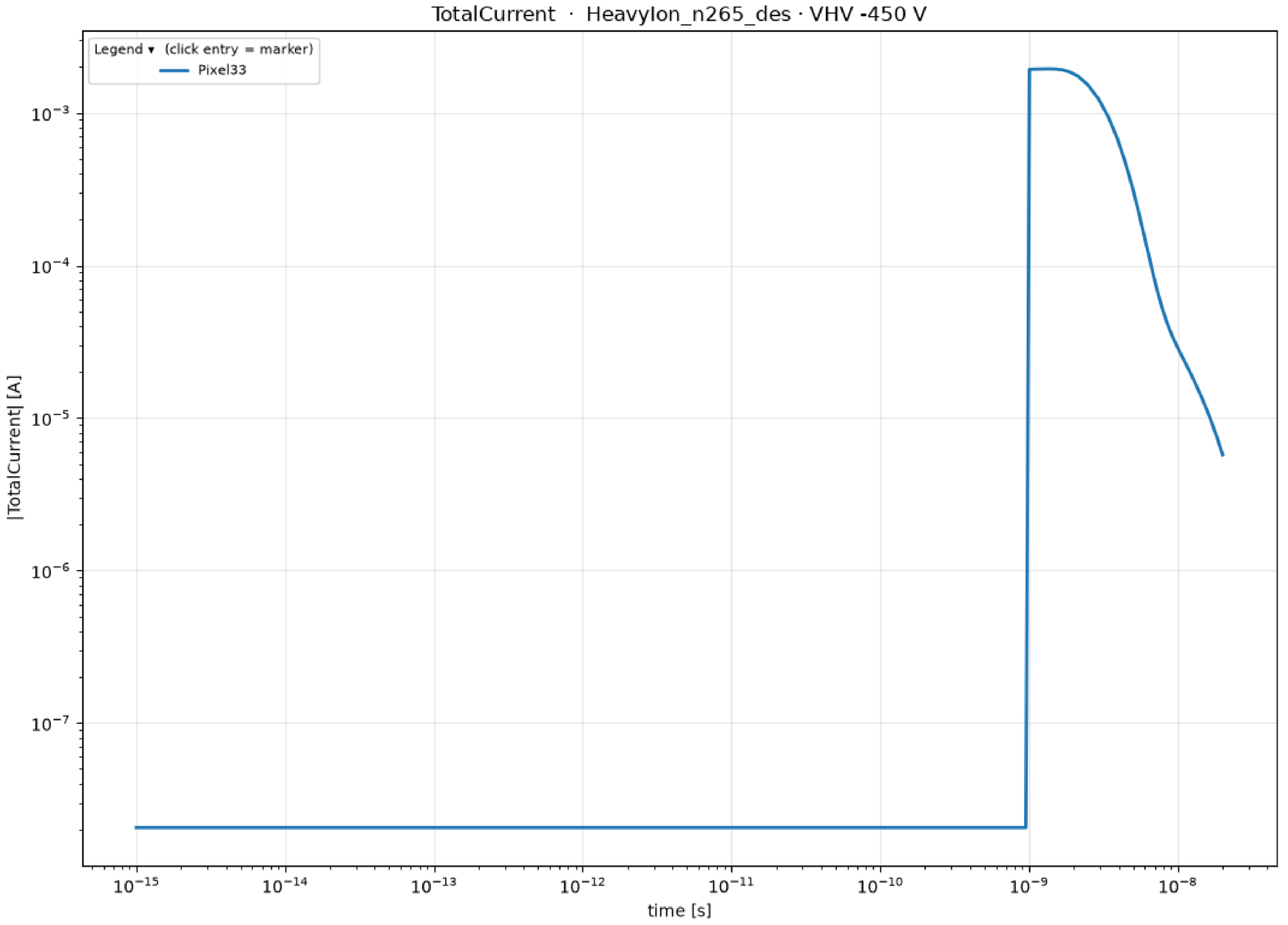

TotalCurrent · HeavyIon_n758_des · VHV -400 V
|TotalCurrent| [A]
time [s]
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

Total Current vs Time (Struck Pixel only - 450V):

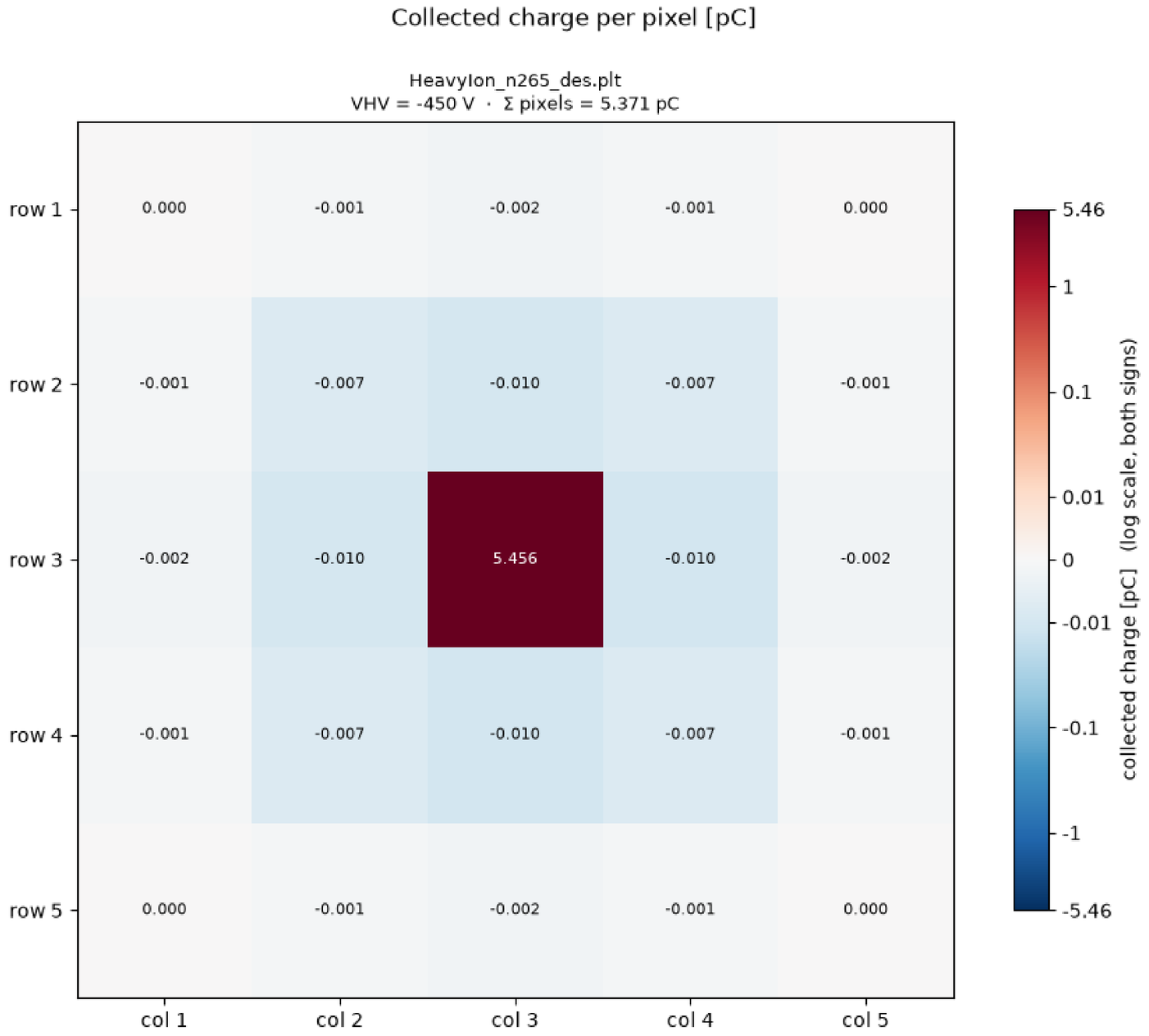



```
=== HeavyIon_n265_des.plt   (VHV = −450 V) ===
contact         peak [A]     t_peak  rise 10–90%  fall 90–10%  charge [pC]
Pixel33      1.9464e−03      1.4 ns        42 ps      3.56 ns       5.4562
```

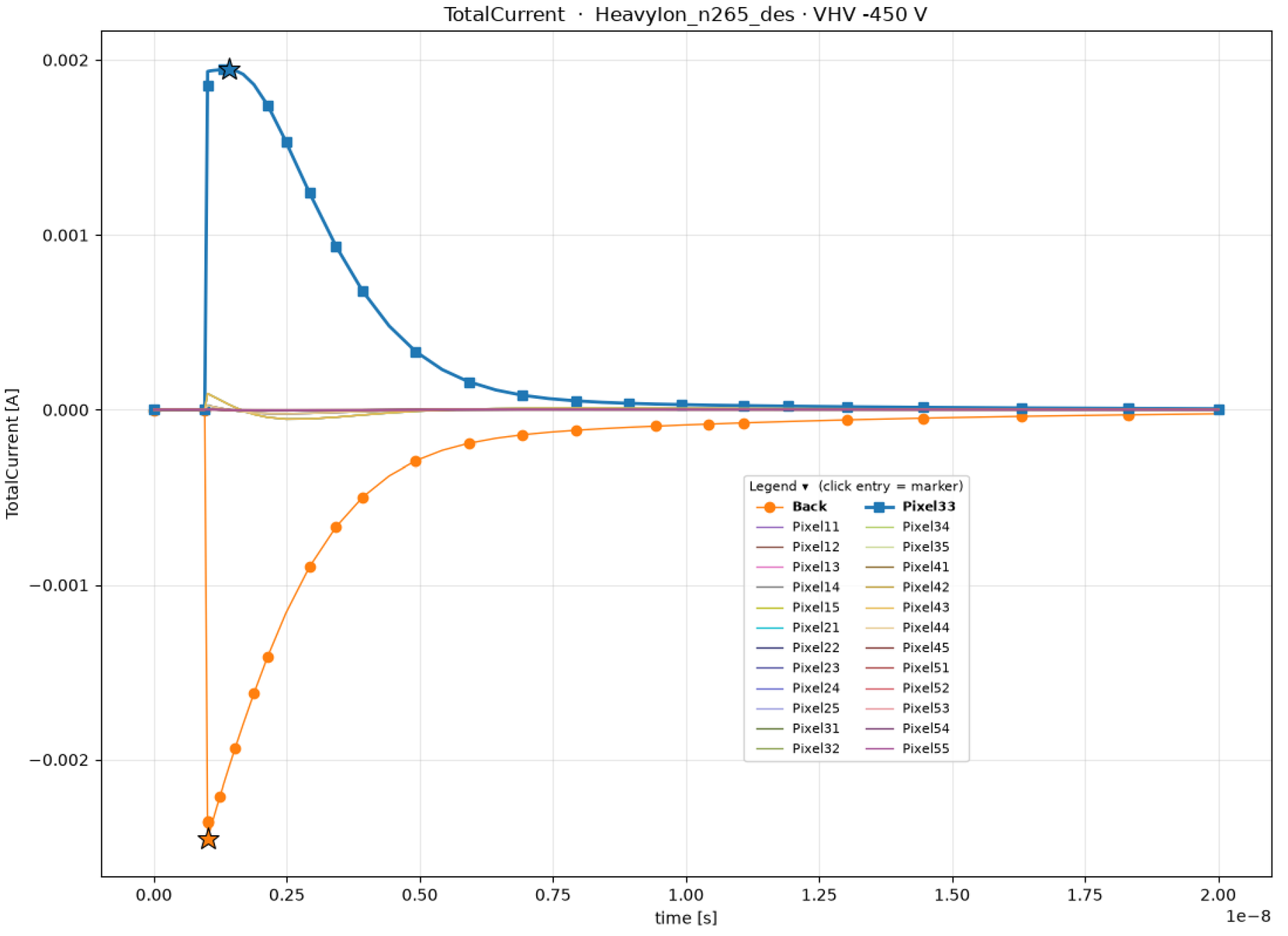

TotalCurrent · HeavyIon_n265_des · VHV -450 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00200
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

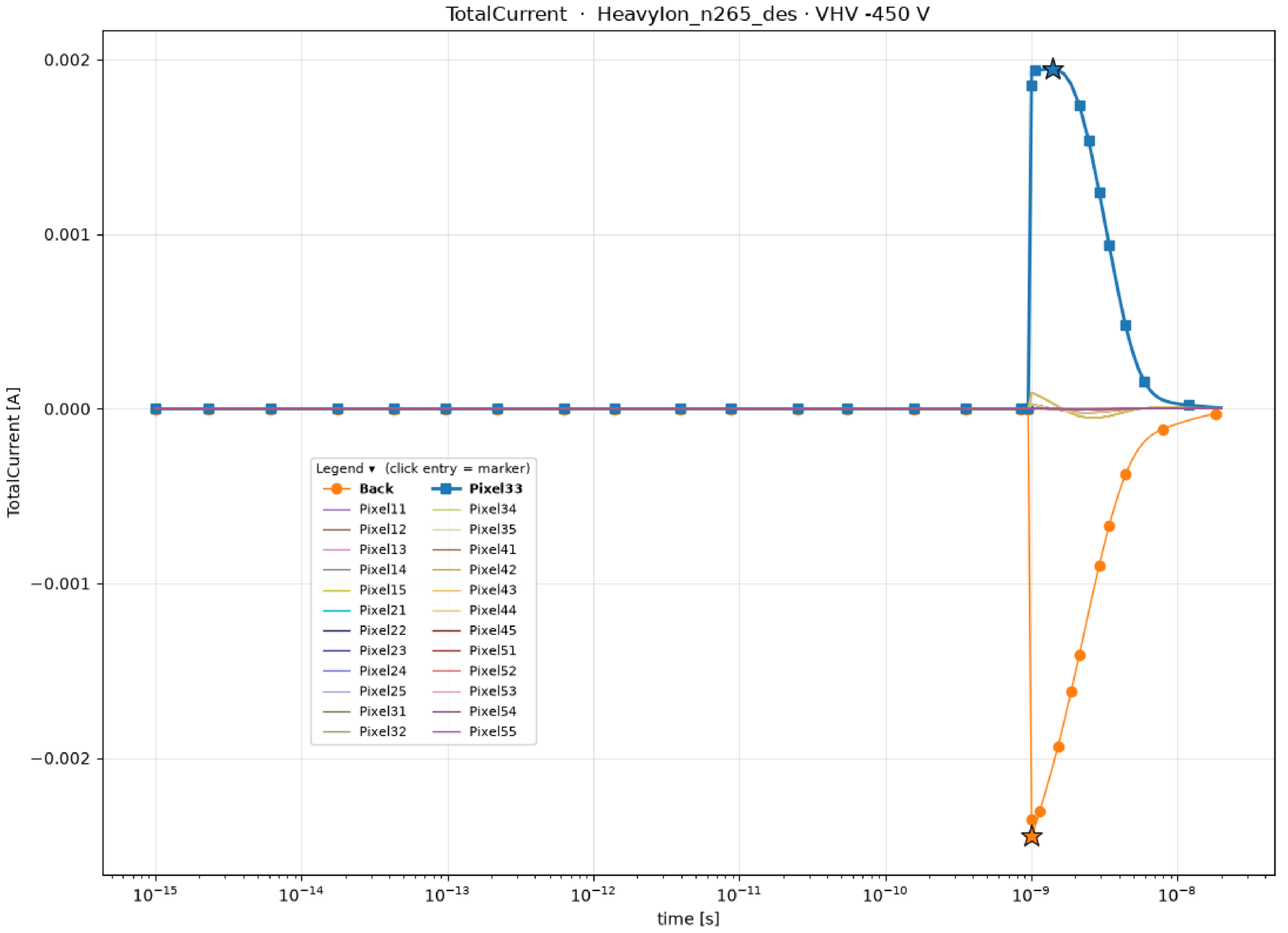

TotalCurrent · HeavyIon_n265_des · VHV -450 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

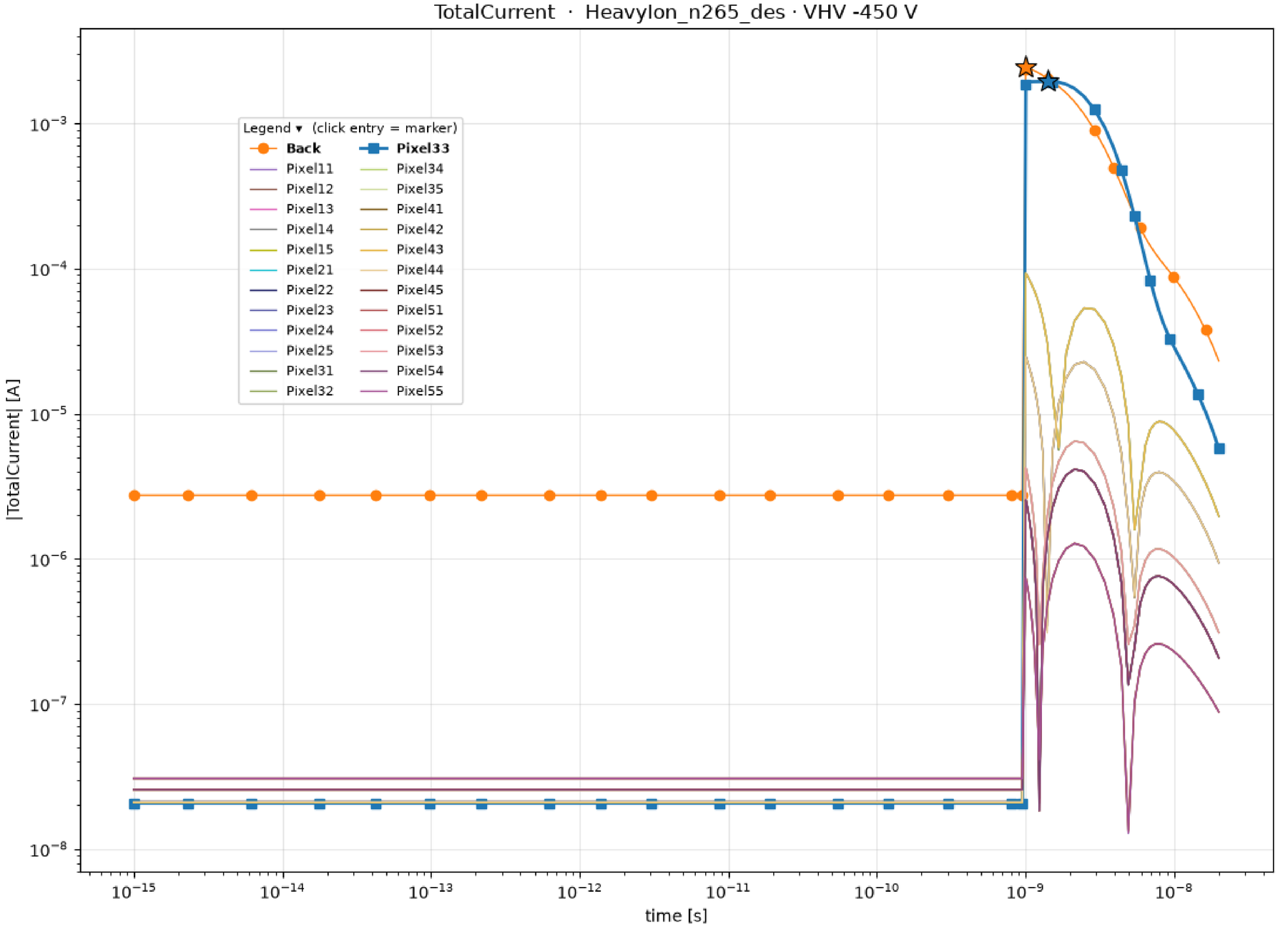
Pixel Map 5x5



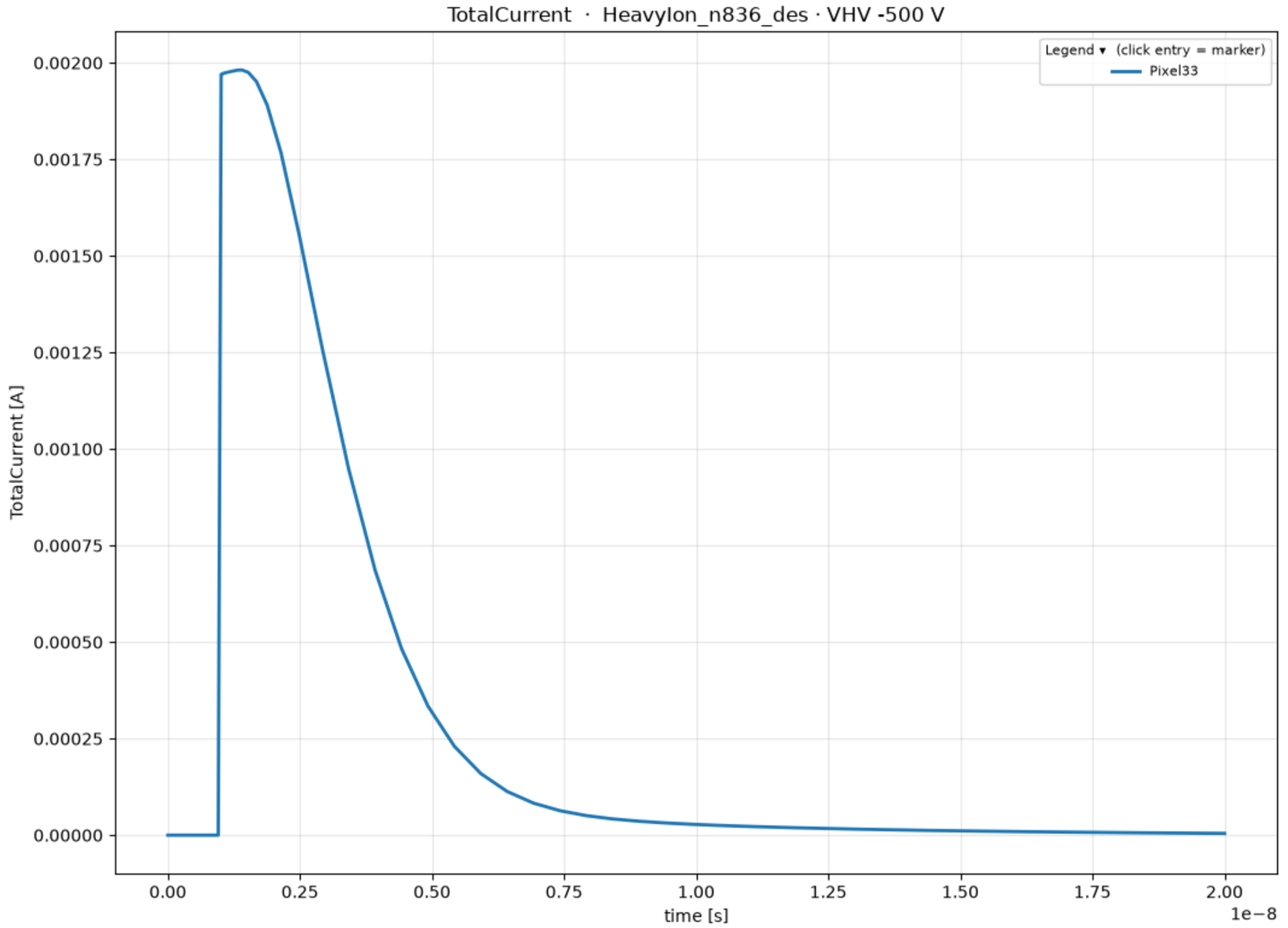
Total Current vs Time (All Pixel - 450V):



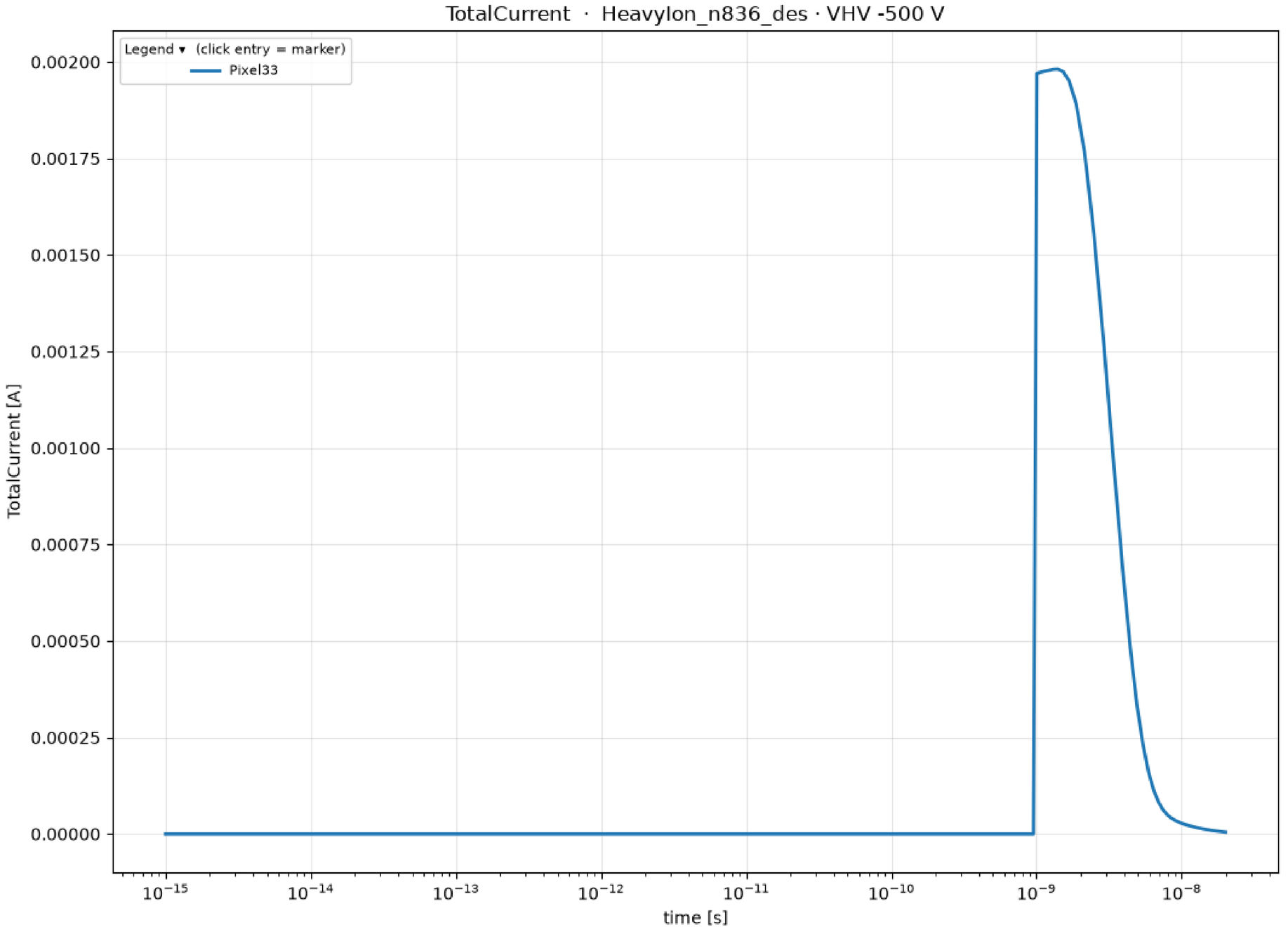

TotalCurrent · HeavyIon_n265_des · VHV -450 V
TotalCurrent [A]
time [s]
0.002
0.001
0.000
−0.001
−0.002
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55

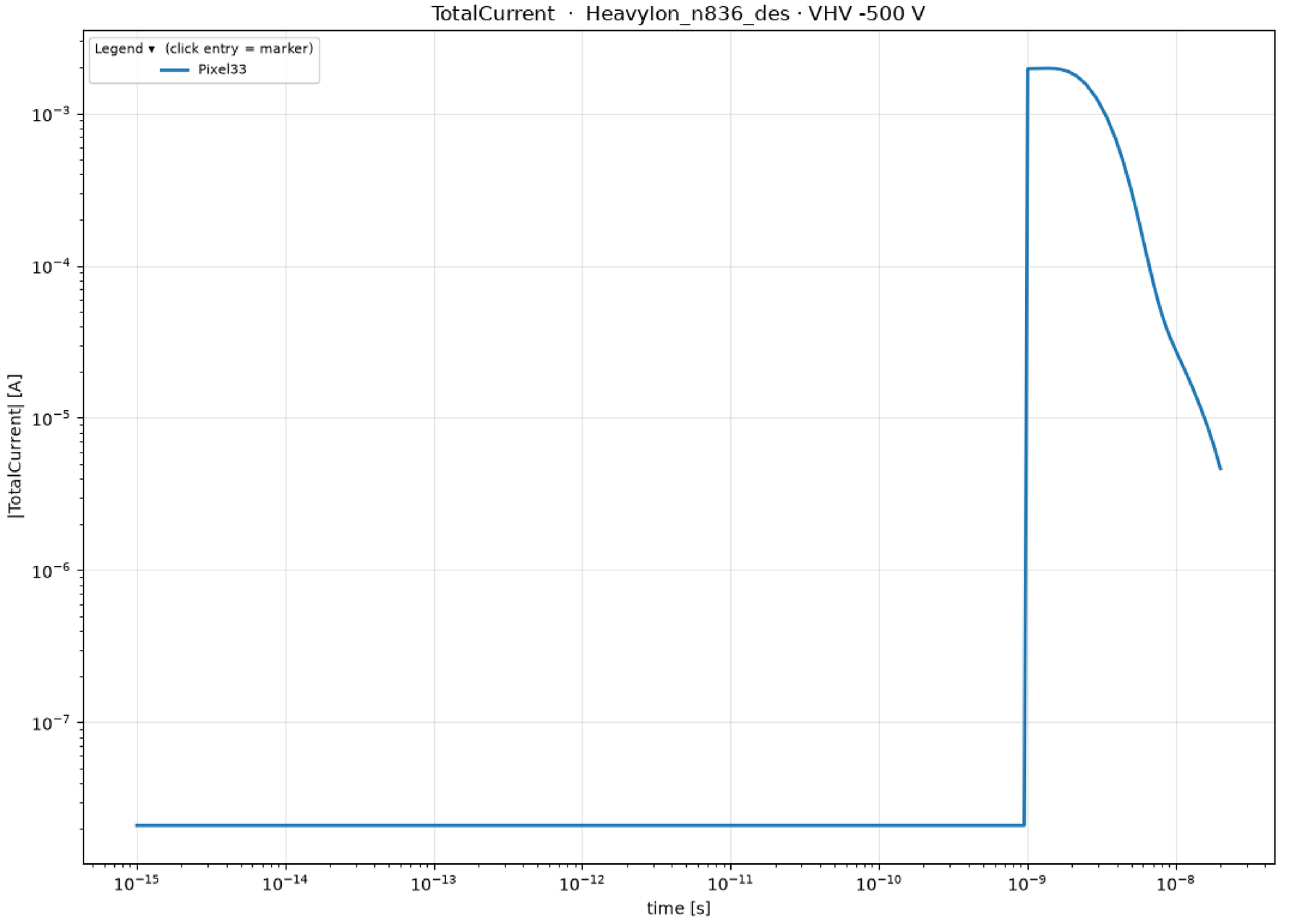

TotalCurrent · HeavyIon_n265_des · VHV -450 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

Total Current vs Time (Struck Pixel only - 500V):

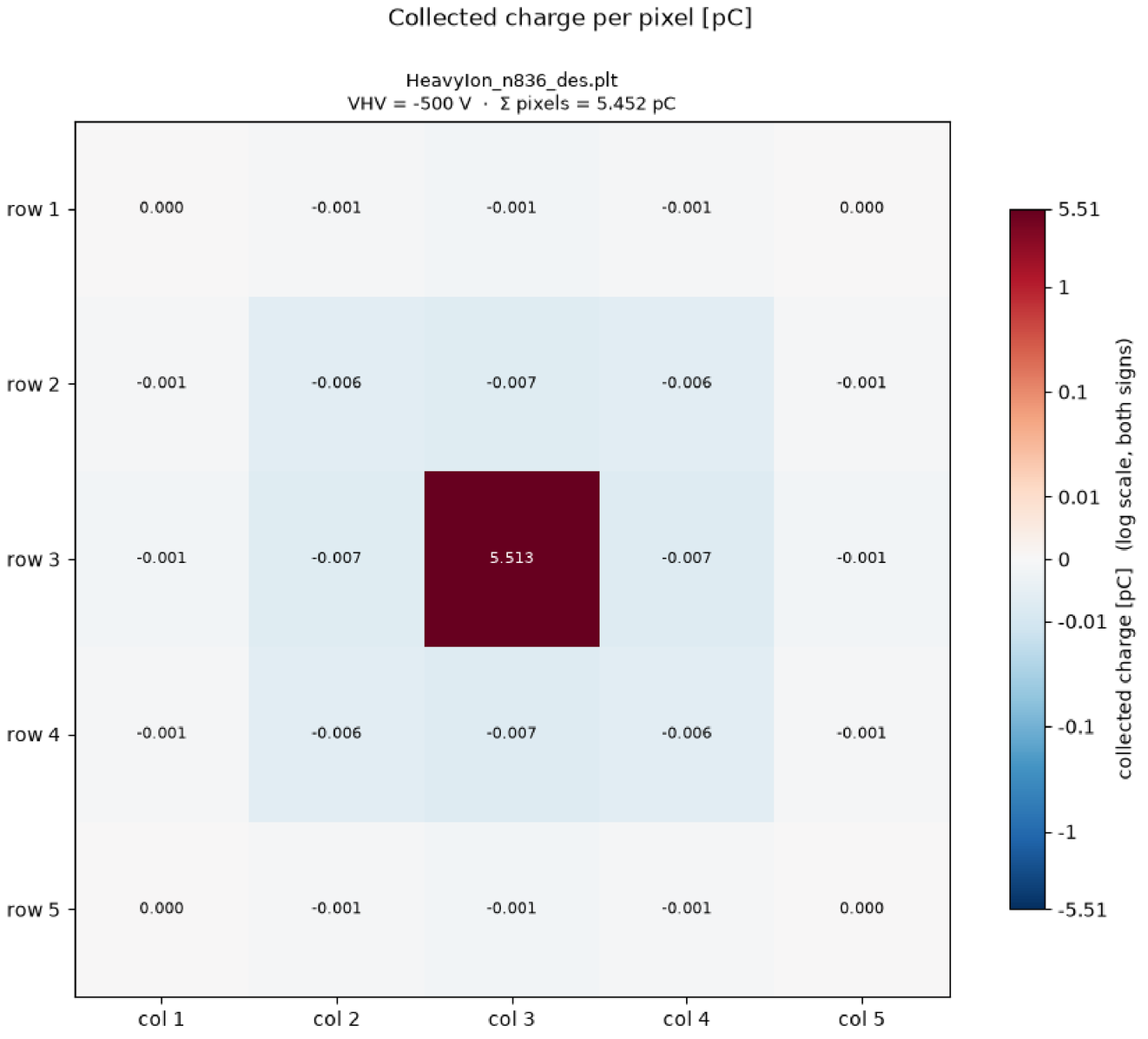



```
=== HeavyIon_n836_des.plt   (VHV = -500 V) ===
contact         peak [A]     t_peak  rise 10-90%  fall 90-10%  charge [pC]
Pixel33      1.9814e-03     1.4 ns        42 ps      3.54 ns       5.5133
```

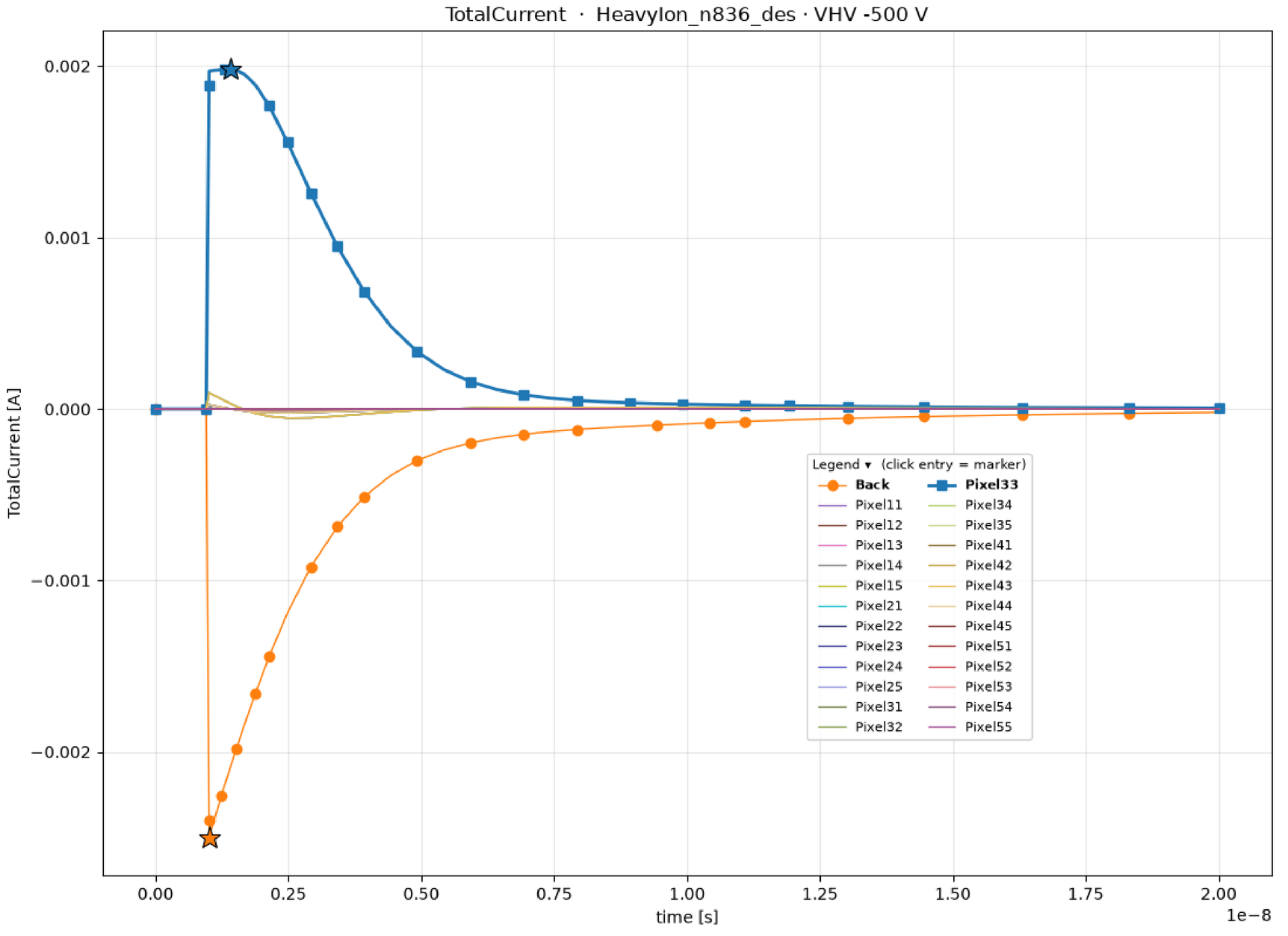

TotalCurrent · HeavyIon_n836_des · VHV -500 V
Legend ▾ (click entry = marker)
Pixel33
TotalCurrent [A]
0.00200
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
time [s]

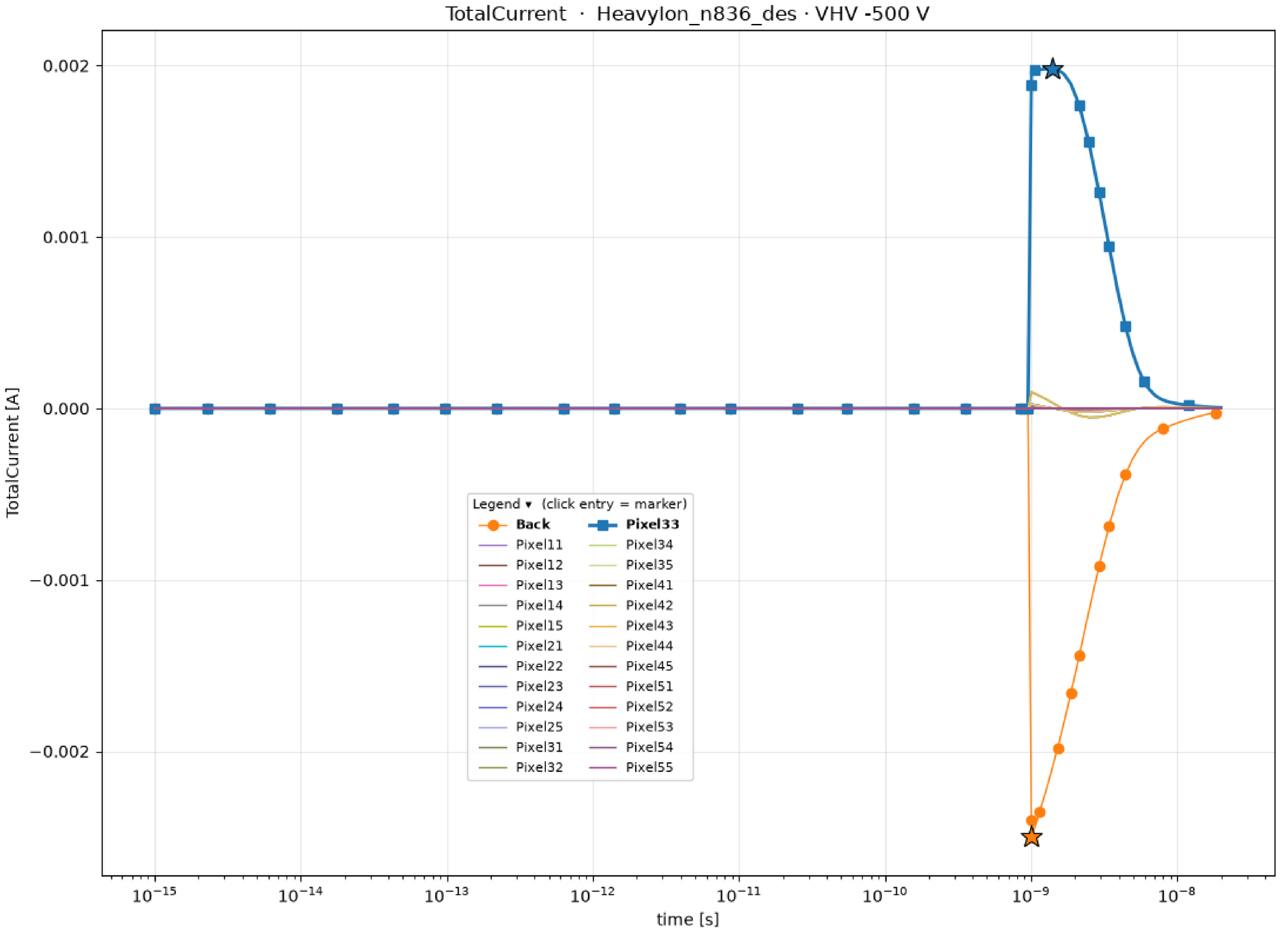

TotalCurrent · HeavyIon_n836_des · VHV -500 V
Legend ▾ (click entry = marker)
Pixel33
|TotalCurrent| [A]
time [s]
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}

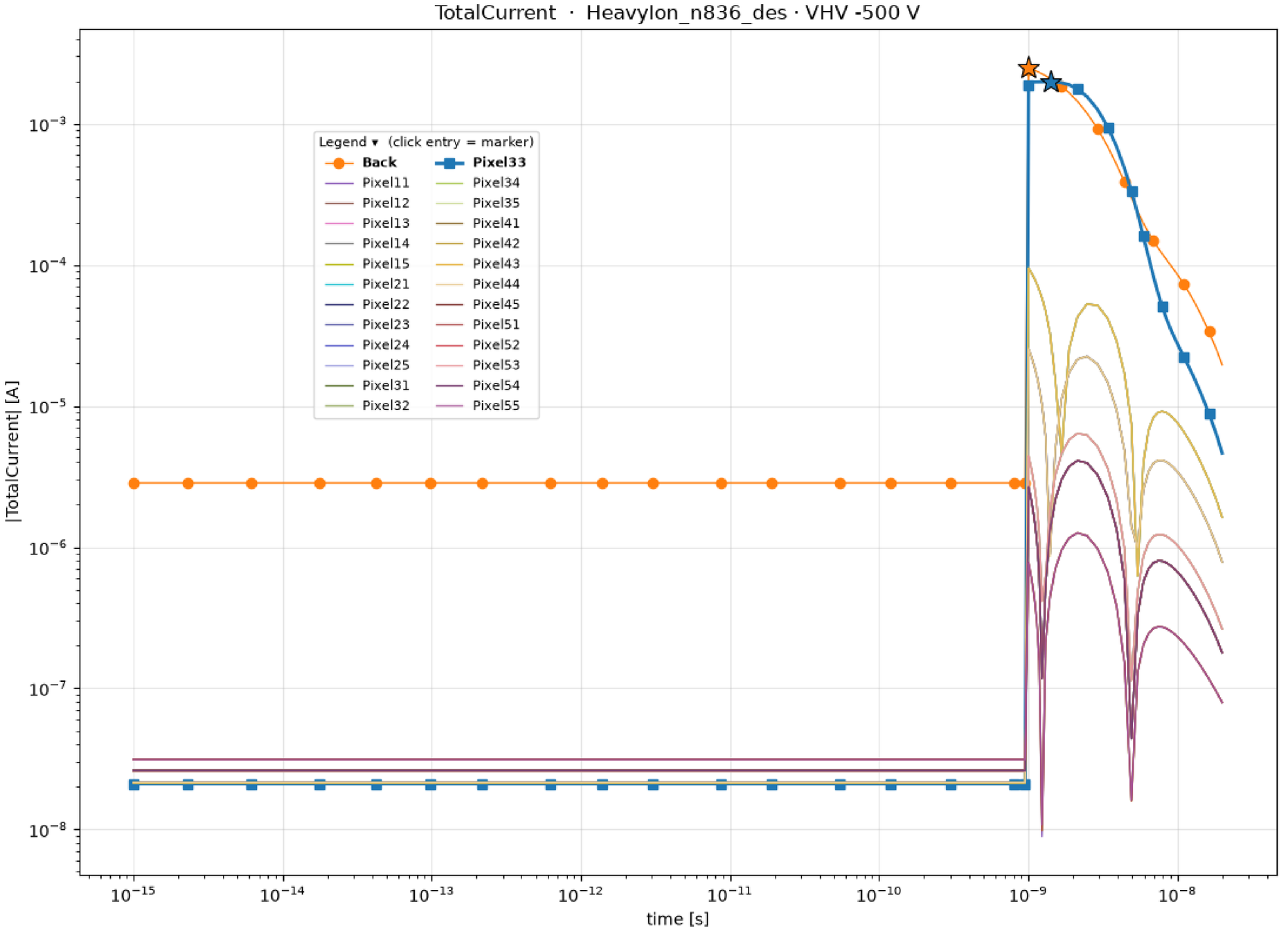
Pixel Map 5x5



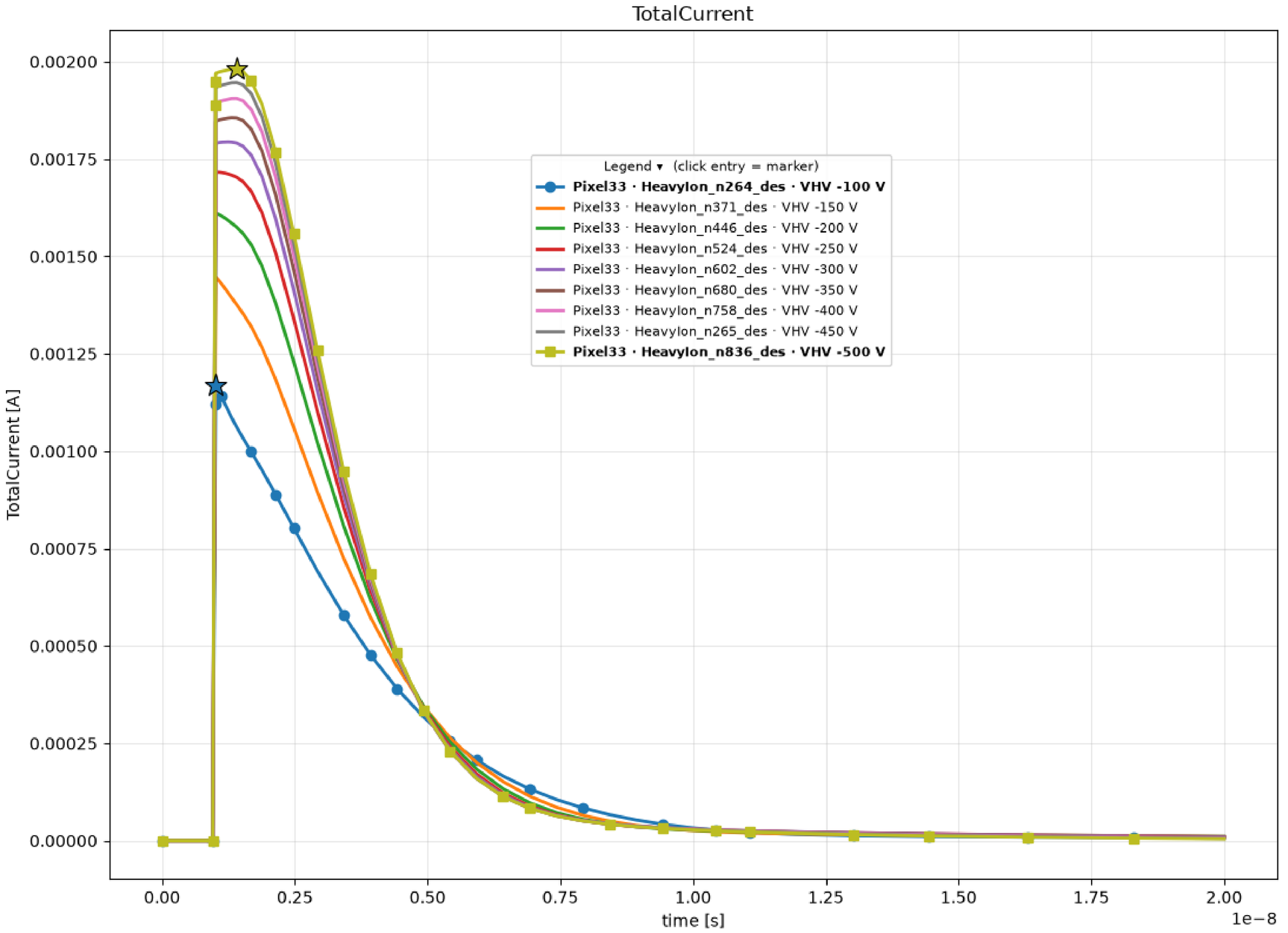
Total Current vs Time (All Pixel - 500V):

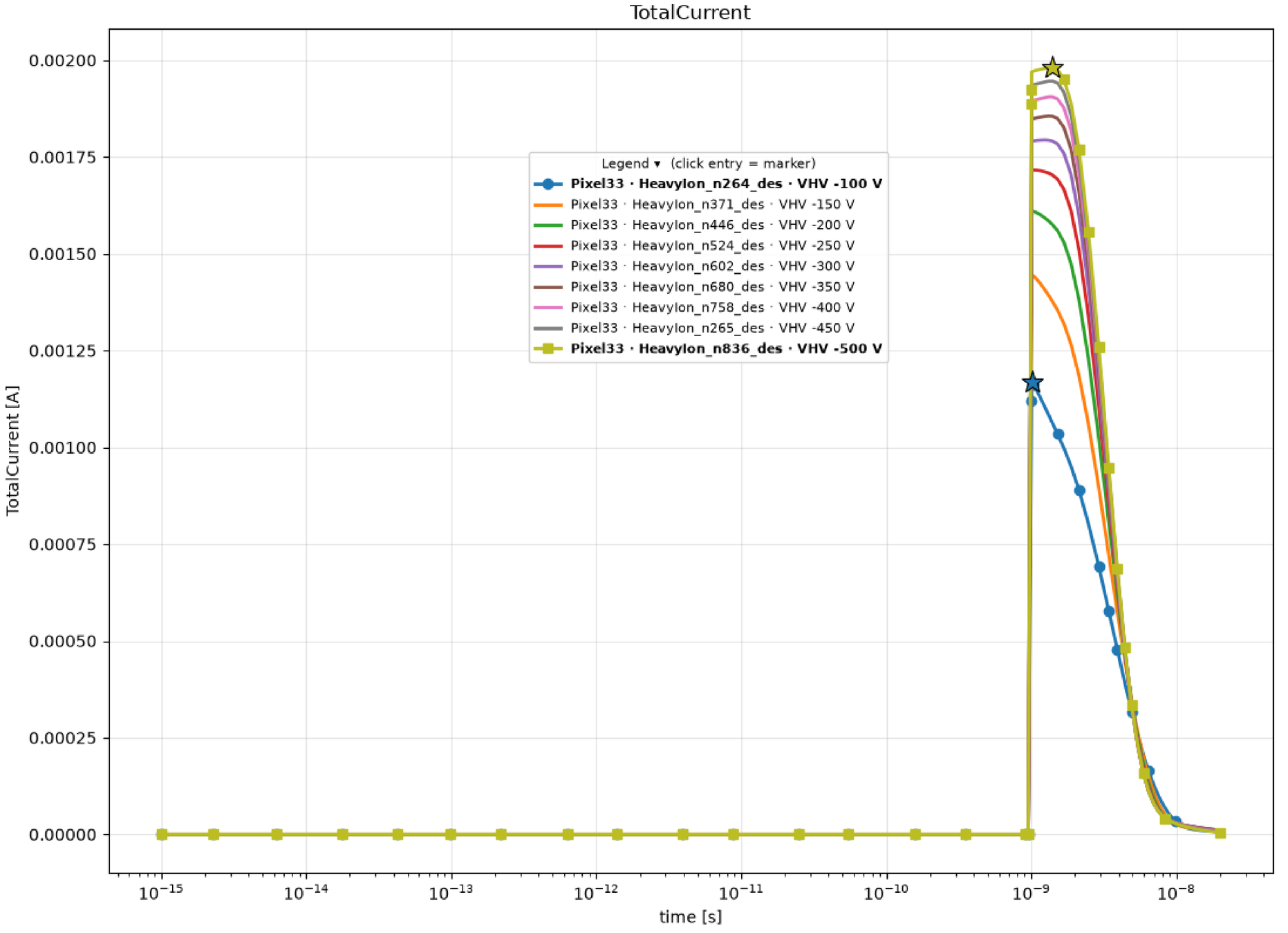


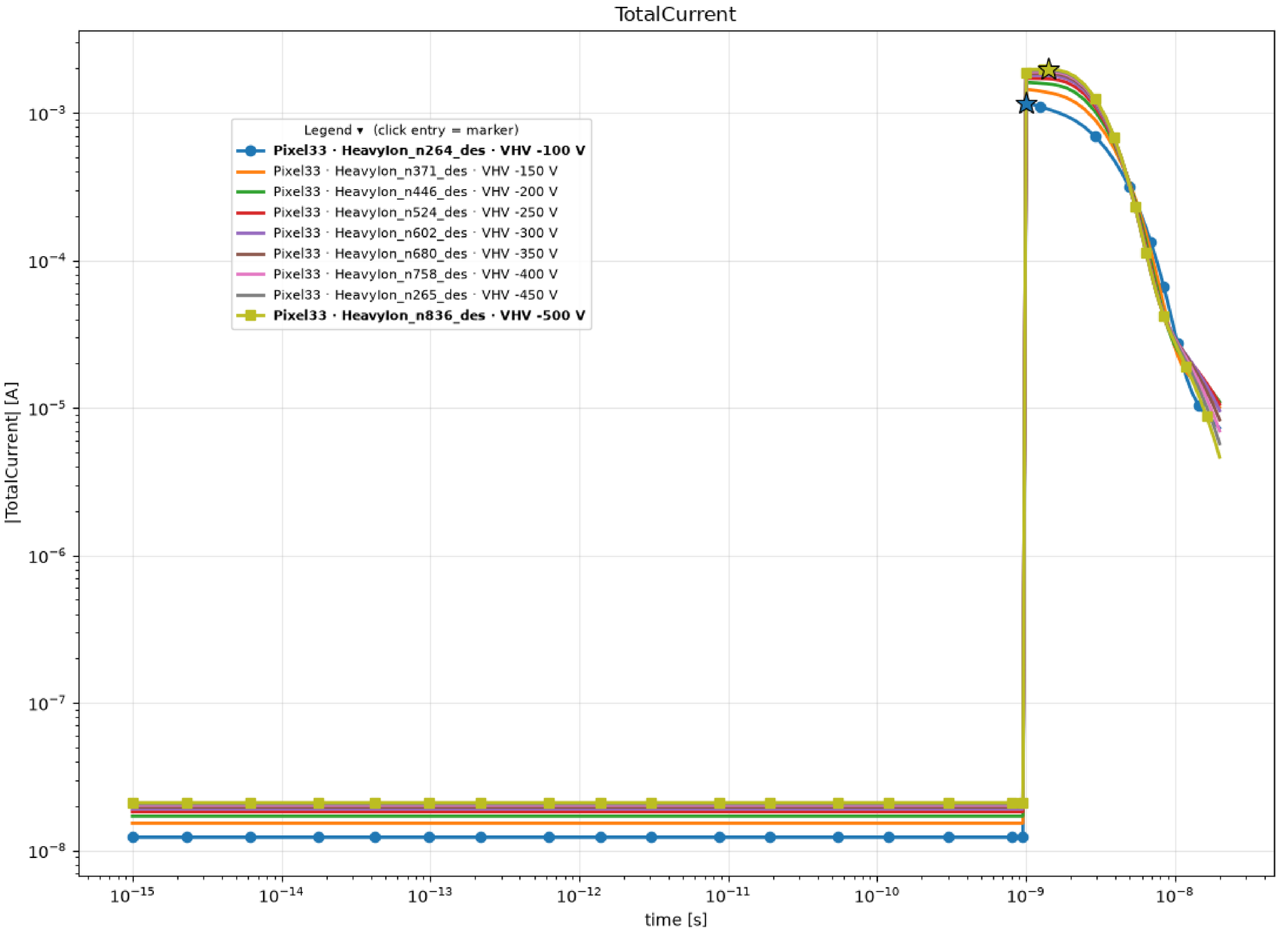

TotalCurrent · HeavyIon_n836_des · VHV -500 V
TotalCurrent [A]
time [s]
0.002
0.001
0.000
−0.001
−0.002
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55


TotalCurrent · HeavyIon_n836_des · VHV -500 V
Legend ▾ (click entry = marker)
Back
Pixel33
Pixel11
Pixel12
Pixel13
Pixel14
Pixel15
Pixel21
Pixel22
Pixel23
Pixel24
Pixel25
Pixel31
Pixel32
Pixel34
Pixel35
Pixel41
Pixel42
Pixel43
Pixel44
Pixel45
Pixel51
Pixel52
Pixel53
Pixel54
Pixel55
|TotalCurrent| [A]
time [s]

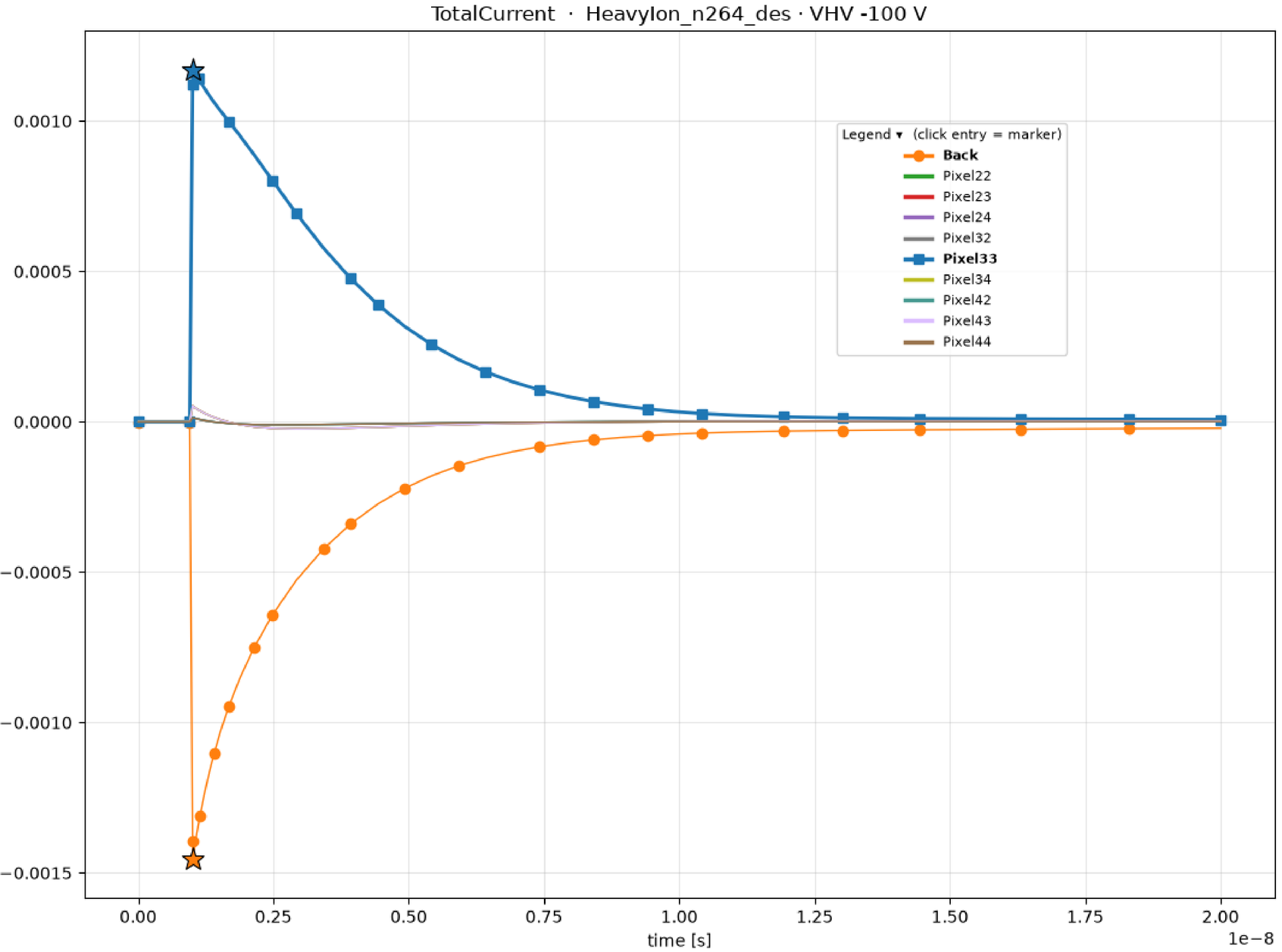
Total Current vs Time (100V - 500V):




TotalCurrent
TotalCurrent [A]
time [s]
0.00200
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Legend ▾ (click entry = marker)
Pixel33 · Heavylon_n264_des · VHV -100 V
Pixel33 · Heavylon_n371_des · VHV -150 V
Pixel33 · Heavylon_n446_des · VHV -200 V
Pixel33 · Heavylon_n524_des · VHV -250 V
Pixel33 · Heavylon_n602_des · VHV -300 V
Pixel33 · Heavylon_n680_des · VHV -350 V
Pixel33 · Heavylon_n758_des · VHV -400 V
Pixel33 · Heavylon_n265_des · VHV -450 V
Pixel33 · Heavylon_n836_des · VHV -500 V


TotalCurrent
Legend ▾ (click entry = marker)
Pixel33 · Heavylon_n264_des · VHV -100 V
Pixel33 · Heavylon_n371_des · VHV -150 V
Pixel33 · Heavylon_n446_des · VHV -200 V
Pixel33 · Heavylon_n524_des · VHV -250 V
Pixel33 · Heavylon_n602_des · VHV -300 V
Pixel33 · Heavylon_n680_des · VHV -350 V
Pixel33 · Heavylon_n758_des · VHV -400 V
Pixel33 · Heavylon_n265_des · VHV -450 V
Pixel33 · Heavylon_n836_des · VHV -500 V
|TotalCurrent| [A]
time [s]

Total Current vs Time (Neighboring Pixel):



Neighboring pixels are:

Pixel 22, 23, 24, 32, 34, 42, 43, 44.