Depos for 4 tracks

Location

- $x = 96$mm, 10cm in front of collection plane
- $y = 0$
- $z = 5000$mm
- length: 3mm, pointing away from wires

Four "G4" times:

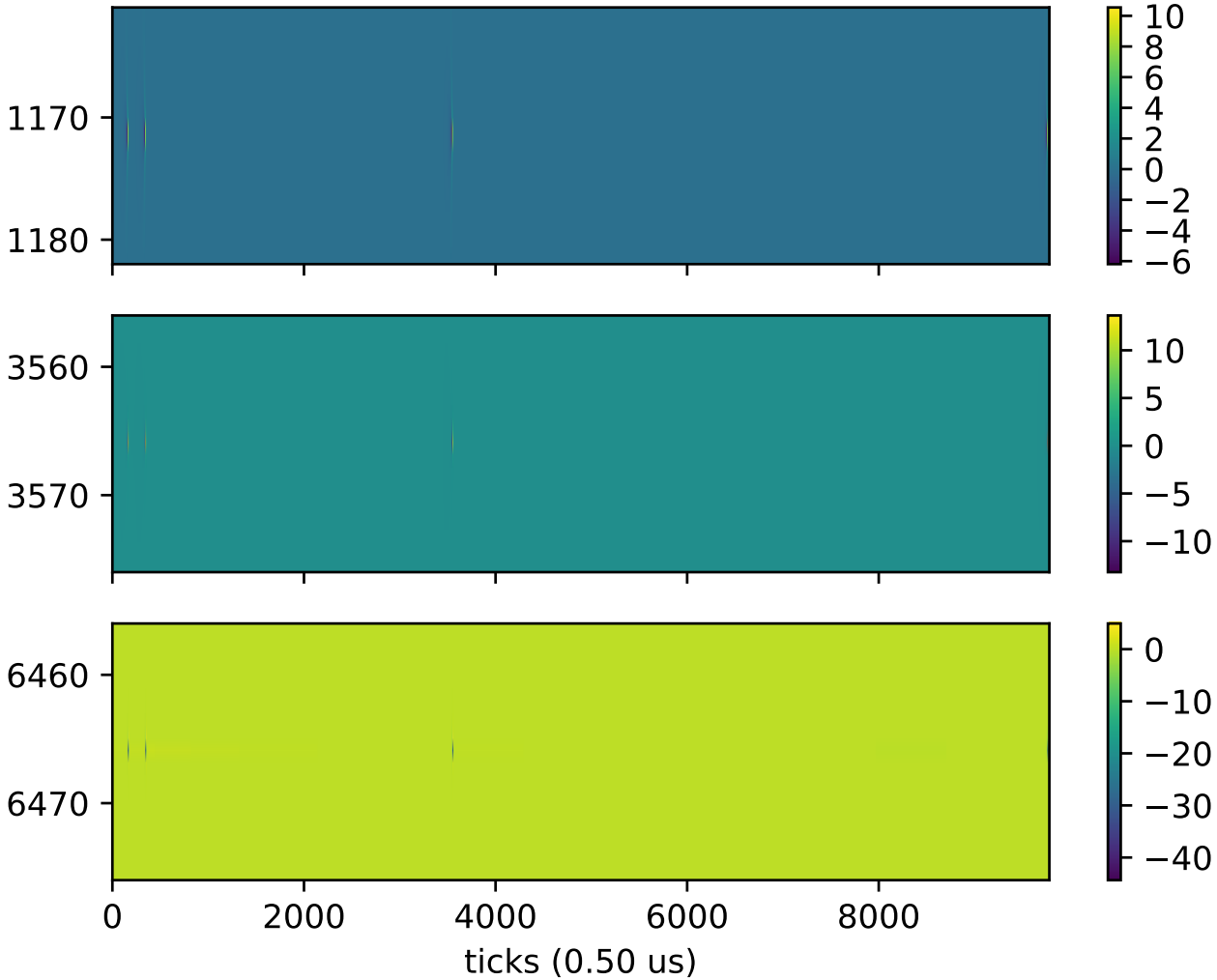
1. -1690.94 μs (earliest possible to influence readout tick #0)
2. -1600.0 μs (not particularly meaningful at this x)
3. 0
4. 3100.06 μs (latest possible time - 100 μ)

Assuming constant drift velocity (which it isn't)

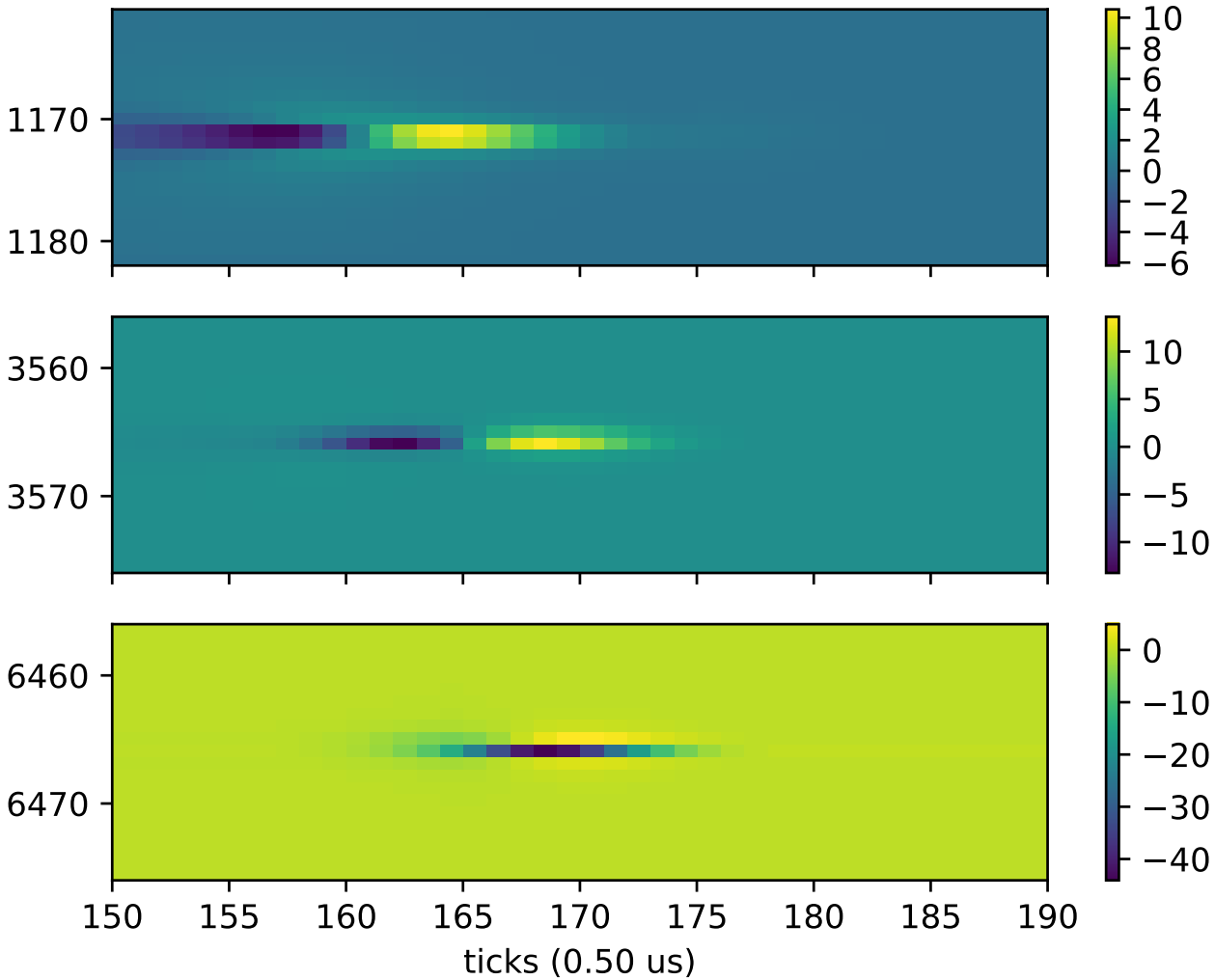
$$10\text{cm} / (1.1\text{mm}/\mu\text{s}) = 90.91\mu\text{s} = 182 \text{ ticks}$$

Ductor: `start_time` = -1.6909 ms, `readout_time` = 4.8991 ms = 9782 ticks.

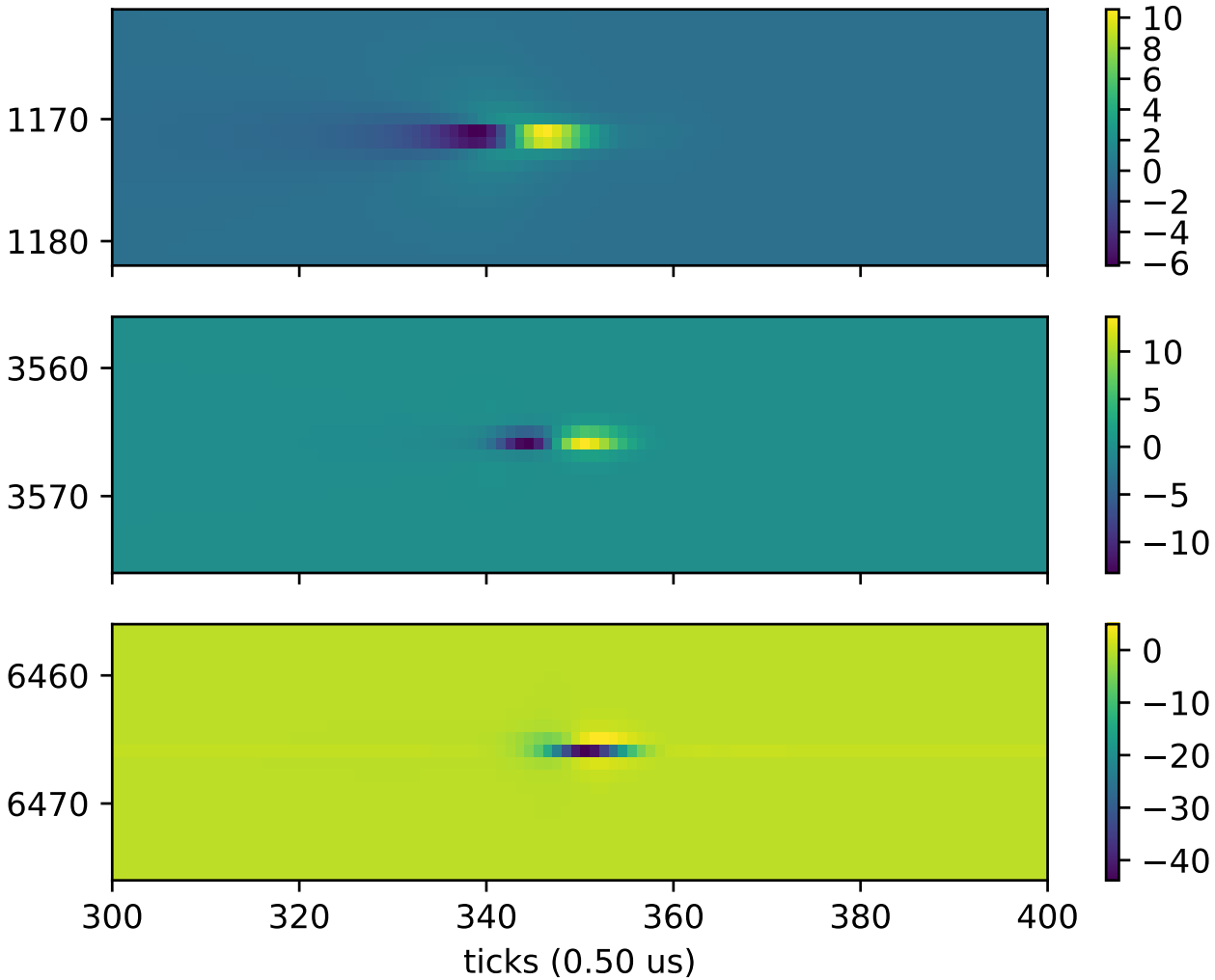
All 9782 ticks, only channels with signal



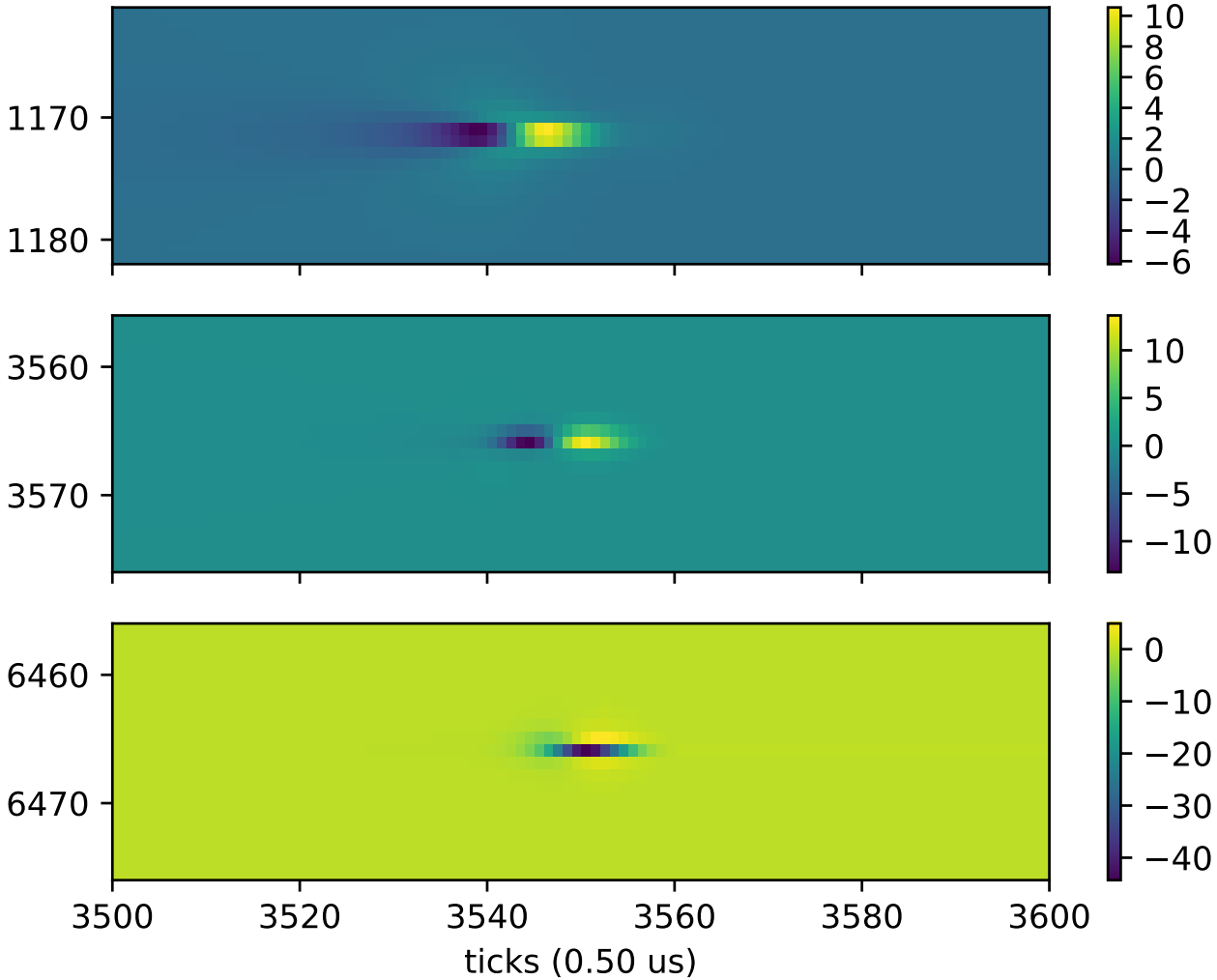
Track 1, tick 182 starts readout



Track 2, t=-1.6ms, x=10cm from collection



Track 3, t=0 at x=10cm from collection



Track 4, t=3.1ms at x=10cm, 9782 ends readout

