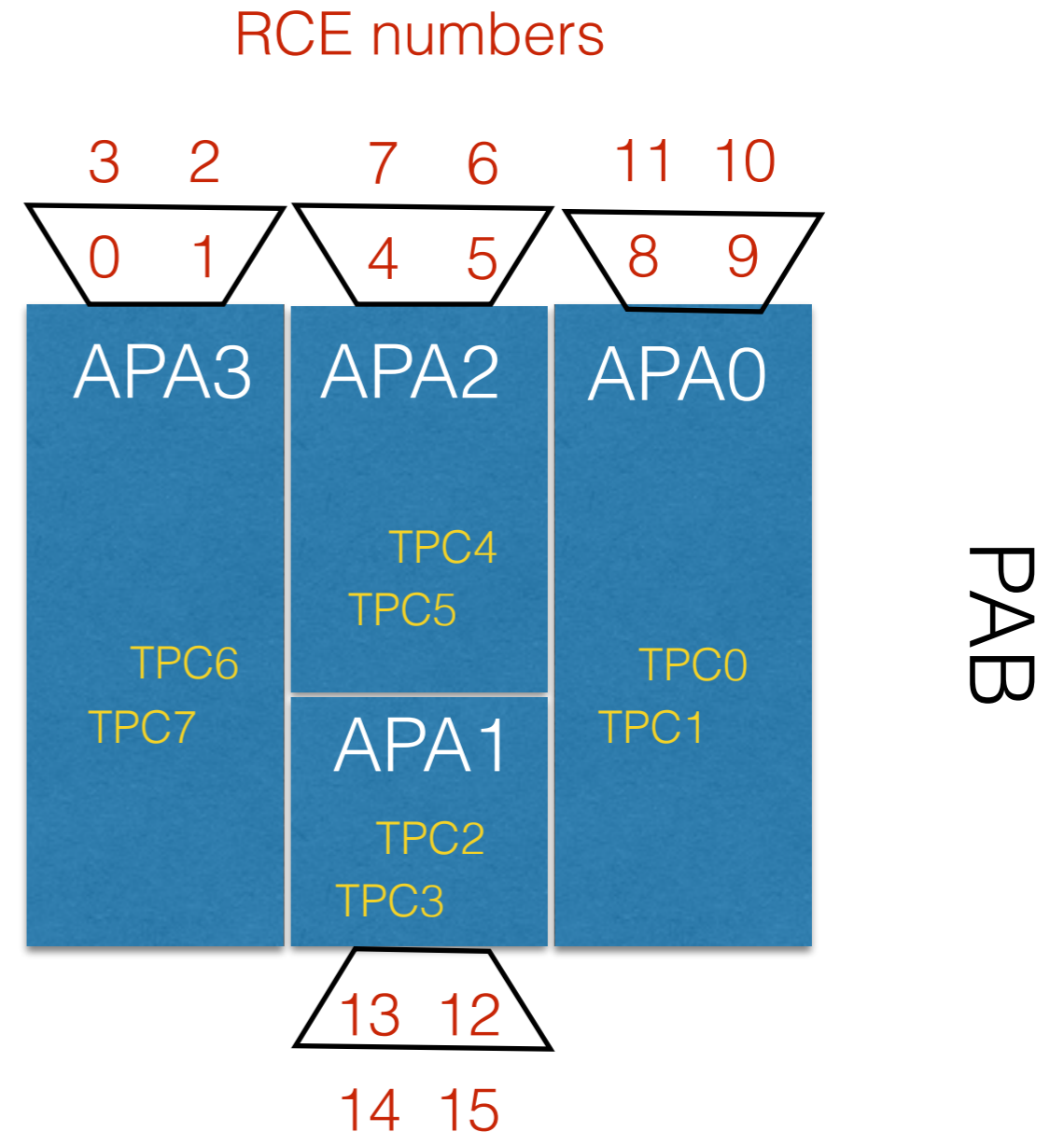# A look at tickler data

M. Wallbank, T. Yang
Oct. 14, 2015

Introduction

- New tickler taken by Mark Convery:

  - http://dbweb3.fnal.gov:8080/ECL/lbne_35t/E/show?e=1108

- We took a quick look at those data

  - Testing slicer Karl Warburton is working on - in process.

  - Testing online->offline channel map Mike Wallbank is working on.

Channel map

- Mike worked out the online to offline channel map with help from Alan.

- https://cdcvs.fnal.gov/redmine/projects/35ton/wiki/Channel_map

- Mike also implemented channel number conversion in the reformatter using his map.

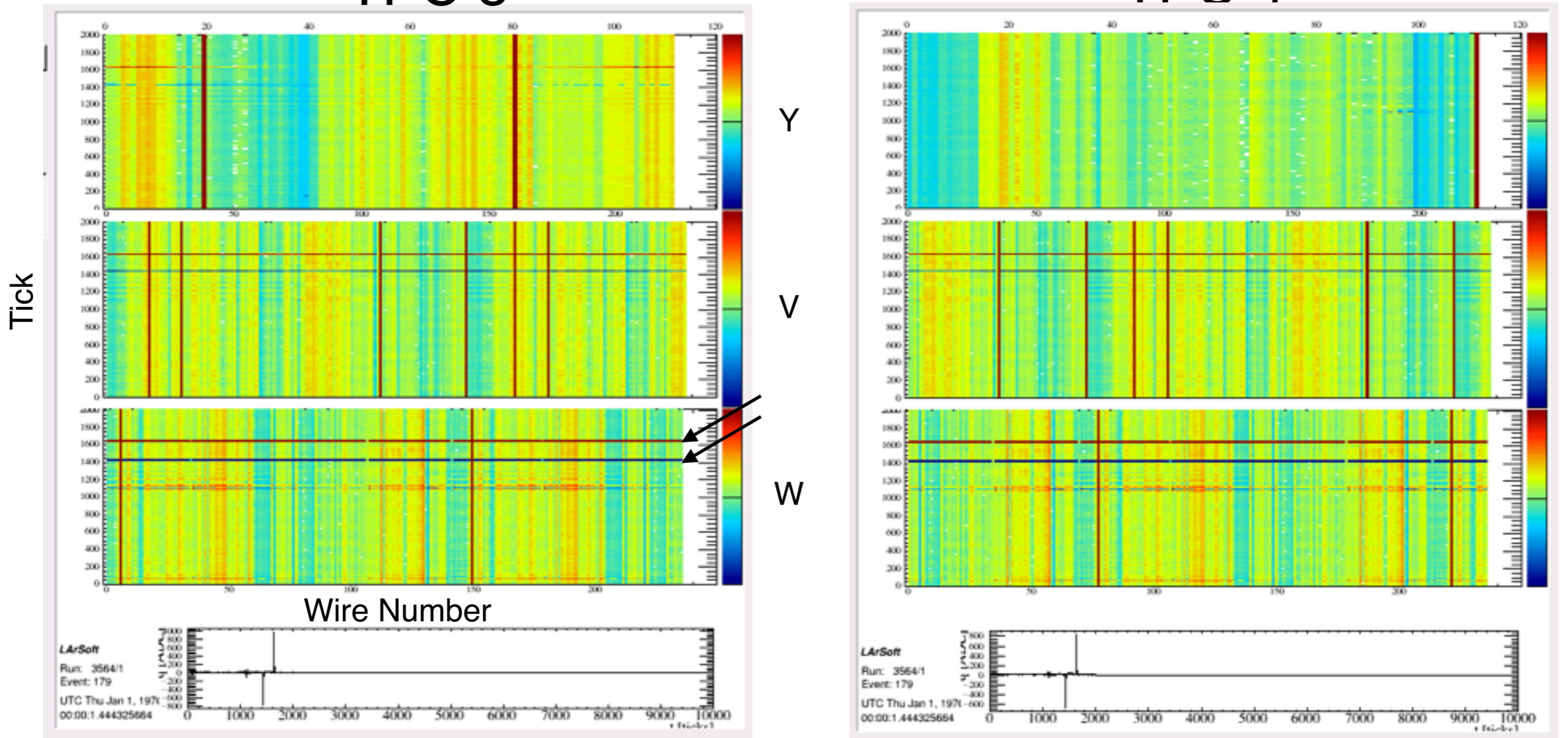 - Need to work with Mark to finalize this.

RCE numbers

APA3   APA2   APA0

| 3 2 | 7 6 | 11 10 |
| 0 1 | 4 5 | 8 9 |

TPC4
TPC5

TPC6
TPC7

APA1

TPC2
TPC3

TPC0
TPC1

13 12

14 15

PAB

Facing the long drift volume.

Tickler data

TPC 5

TPC 4

- Run 3564 RCE 4-7 Tickler on 4-board.

- Subtract constant pedestal 780 ADCs from all channels.

A few observations

- Data every ~100 events.

- Data are split into two events. They add up to 10000 ticks.

- Pedestals vary: 780±50 ADCs.

- Sticky code visible in some channels.