Veto Update

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e+e- runs

vy:vx

- x, y are from HYCAL
- n_{photon}, n_{hycal} = 1
- $|t_{hycal}-t_{tagm}|$< 8 ns
- t1, t2 tdc on the two
sides of veto counter
- $|t1-t2|$<20 ns
- $|(t1+t2)-t_{hycal}|$<15ns

| Entries | 650459 |
Mean x	0.3832
Mean y	-0.1786
RMS x	11.58
RMS y	0.8827

vy:vx
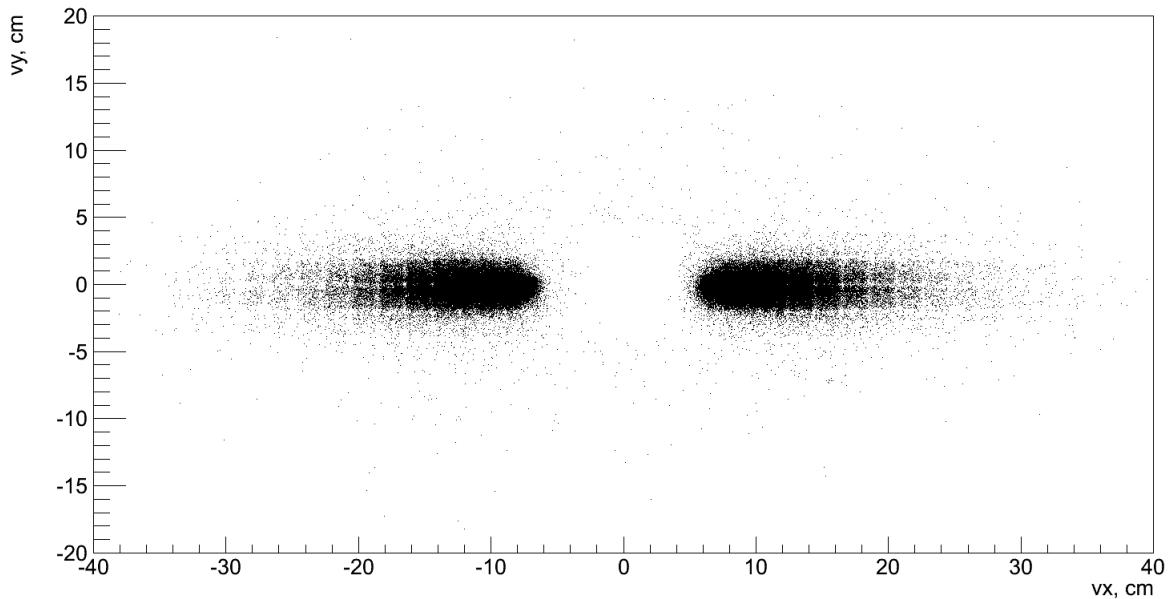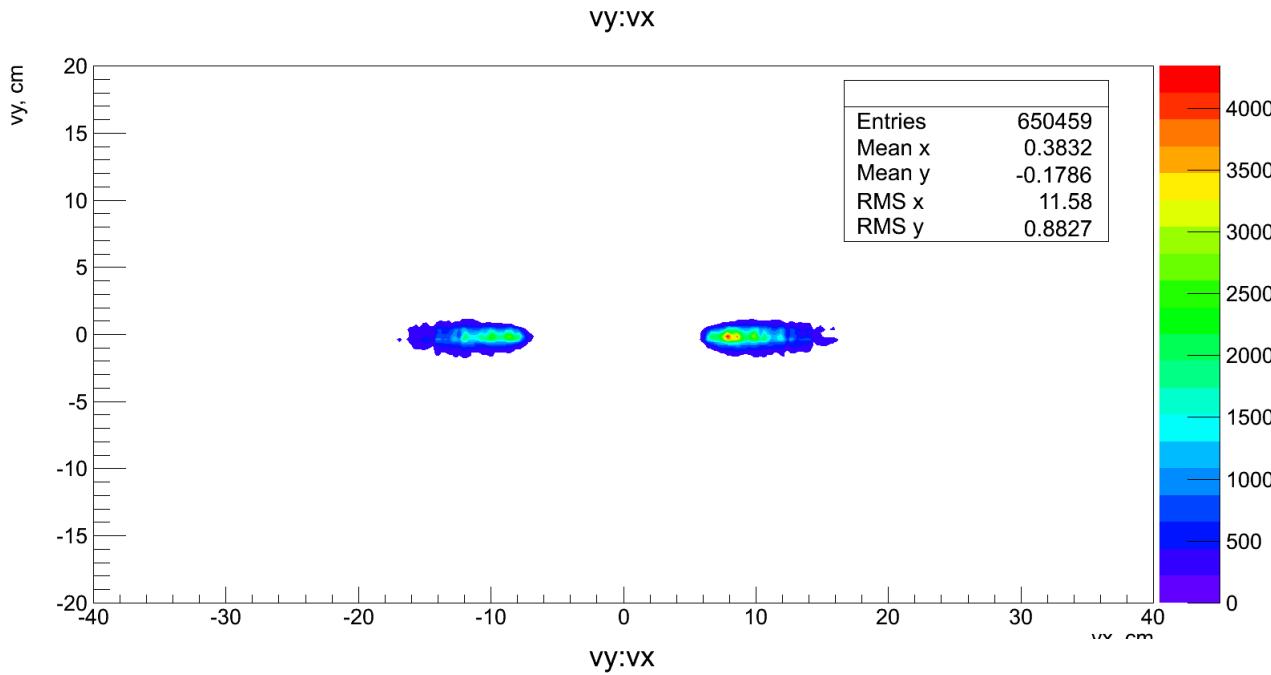
TDC alignment: a good example
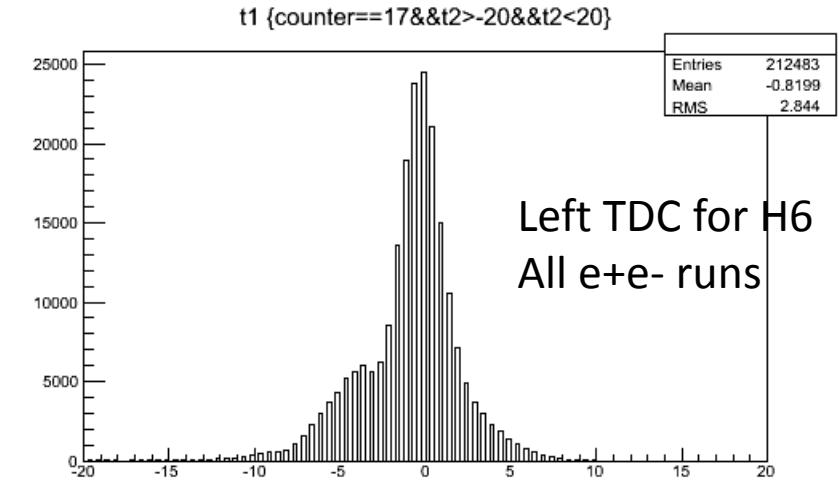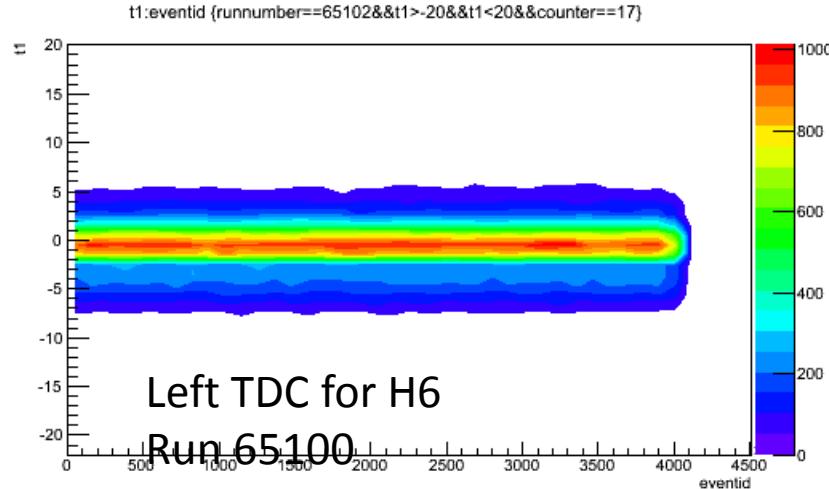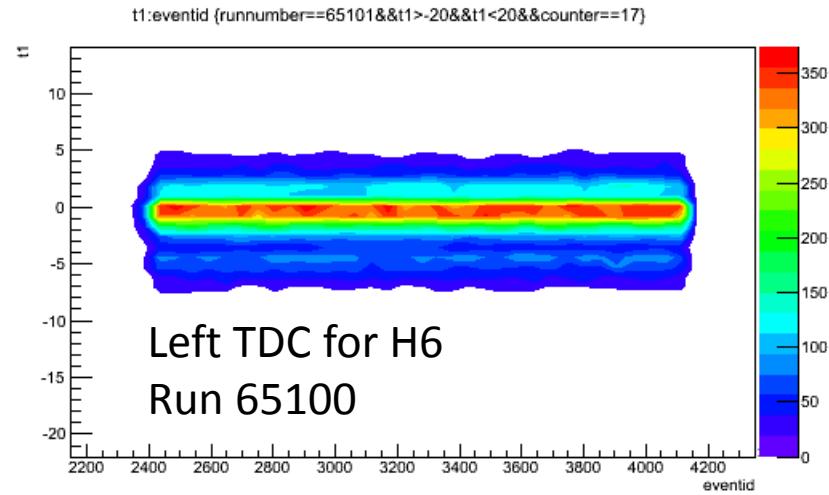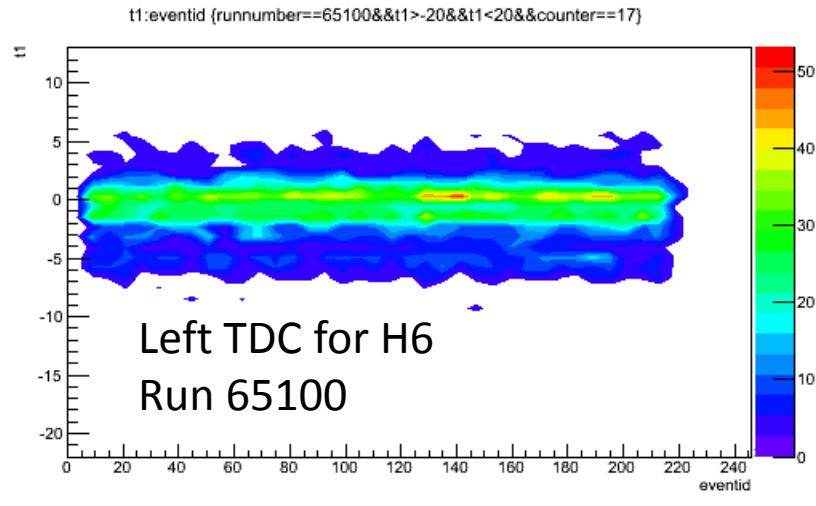
H6 is a horizontal counter right above the beam line

TDC alignment: double peaks
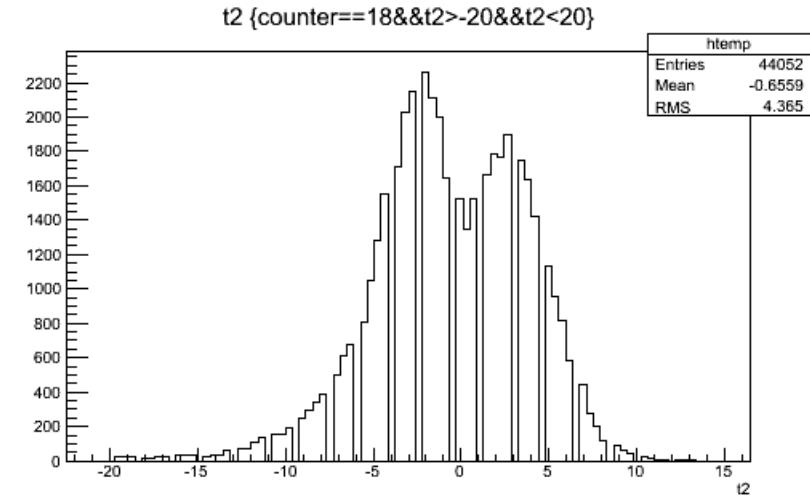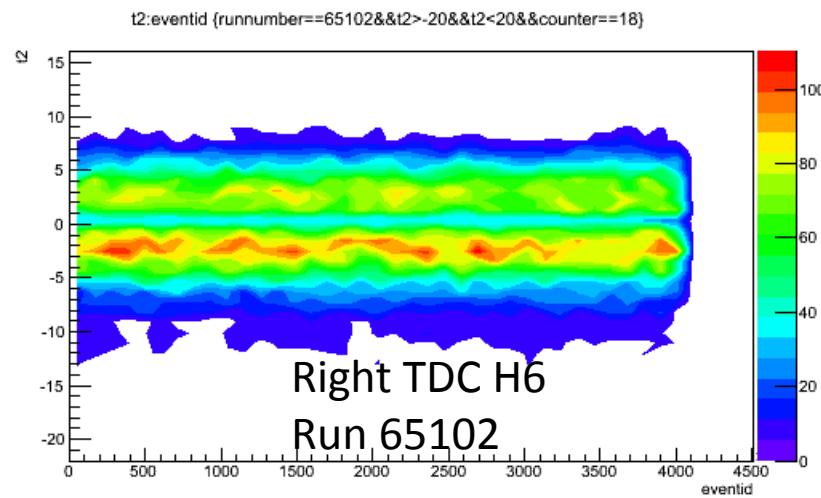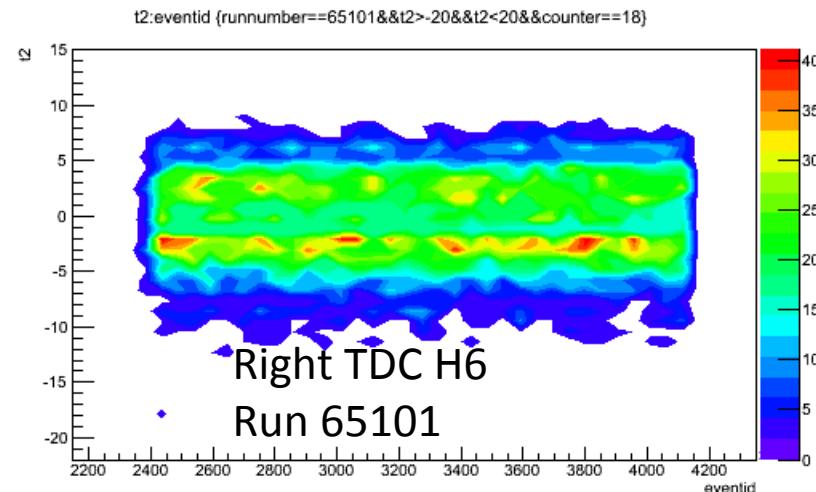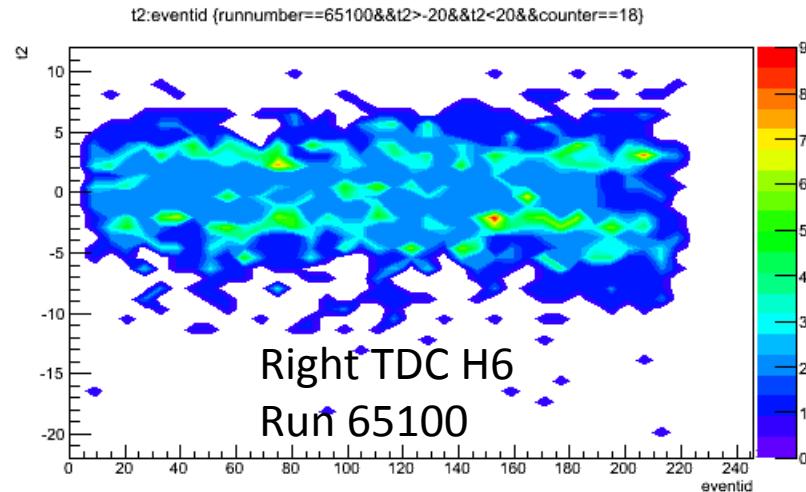
Tdiff(t1-t2)

- No obvious relation found
- Why?

Bad Tdiff resolution?

Tdiff:vx {counter==17}

χ² / ndf	= 3.029e+006 / 698
p0	-0.07632 ± 0.1538
p1	0.0009526 ± 0.01375

H6 all e+e- runs

Tdiff {counter==17&&vx>0}

Entries	111627
Mean	0.00964
RMS	3.778

Tdiff {counter==17&&vx<0}

Entries	110637
Mean	-0.2132
RMS	4.282
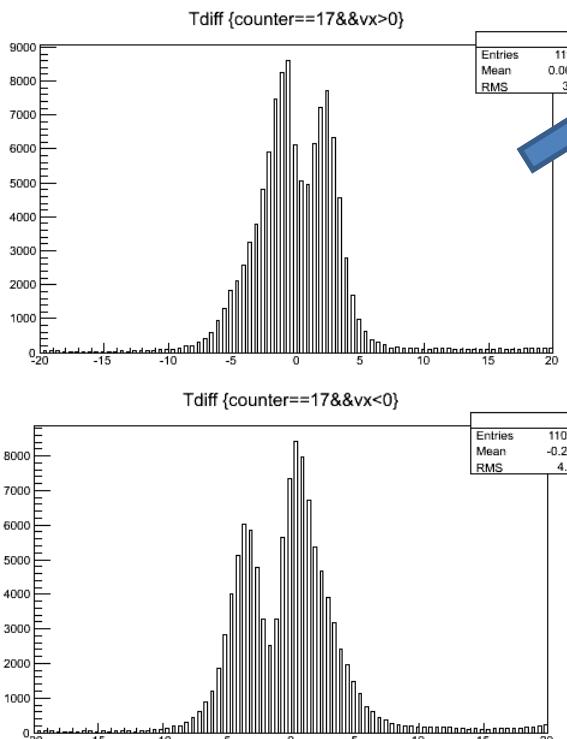
Tdiff, ns
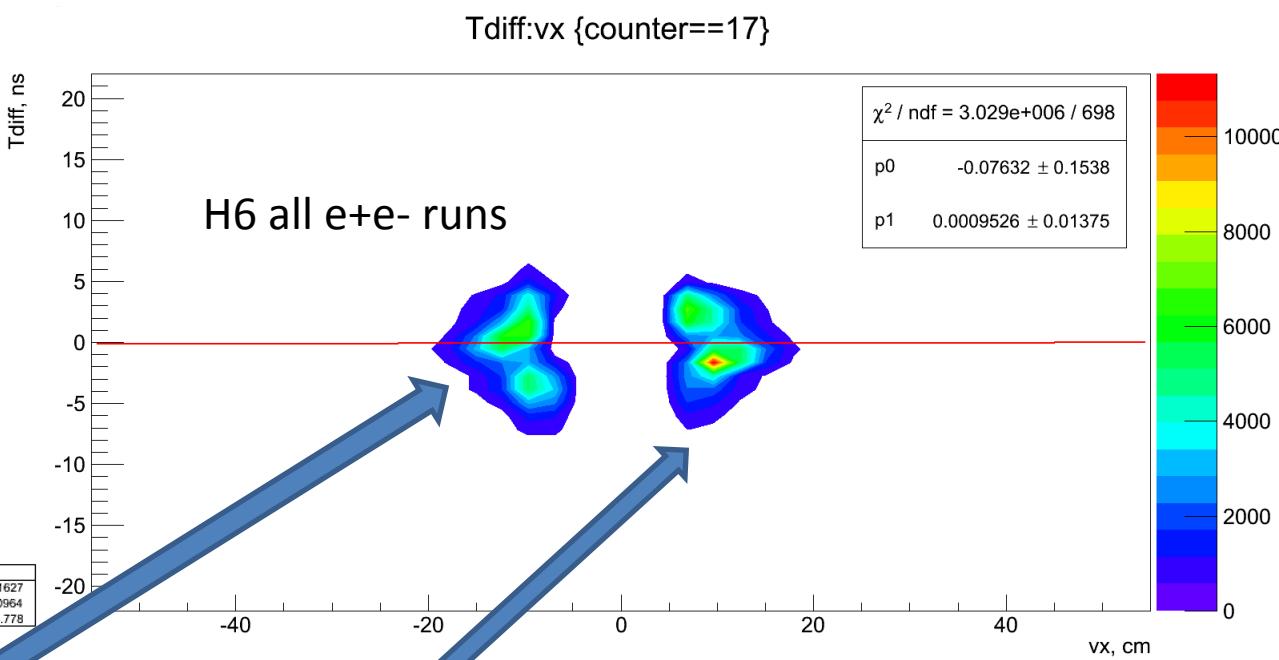
Tdiff:vx {Tdiff>-20&&Tdiff<20&&counter==17}

χ² / ndf	= 1.485e+006 / 1231
p0	0.06315 ± 0.1319
p1	0.1358 ± 0.006269

H6 snake2