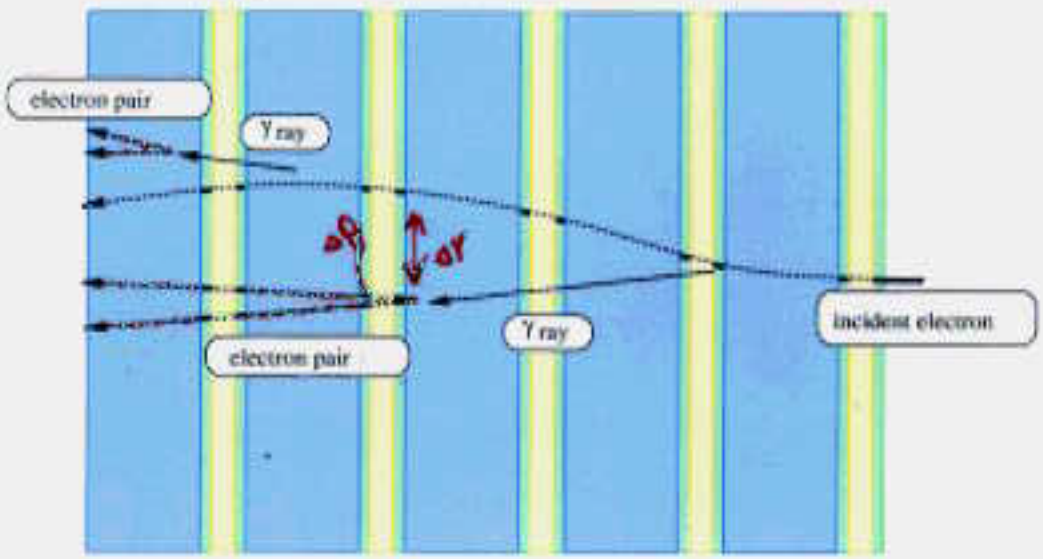
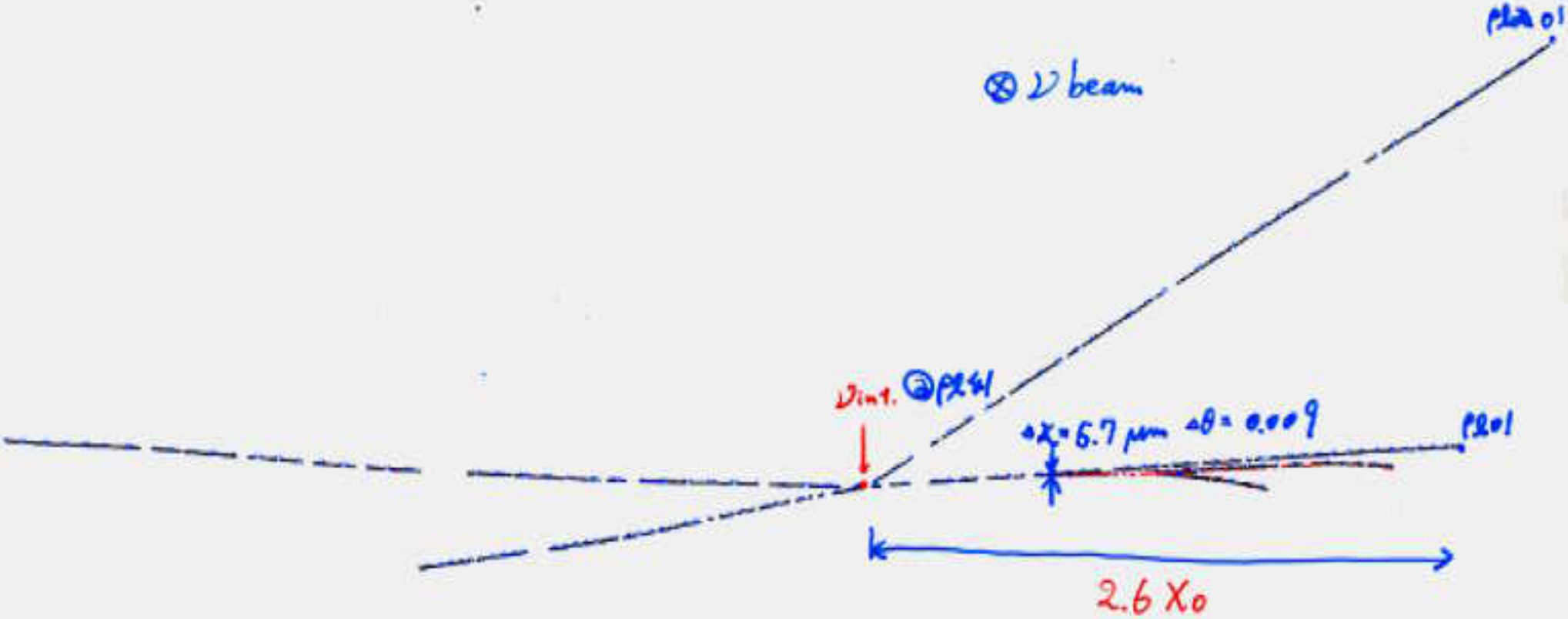
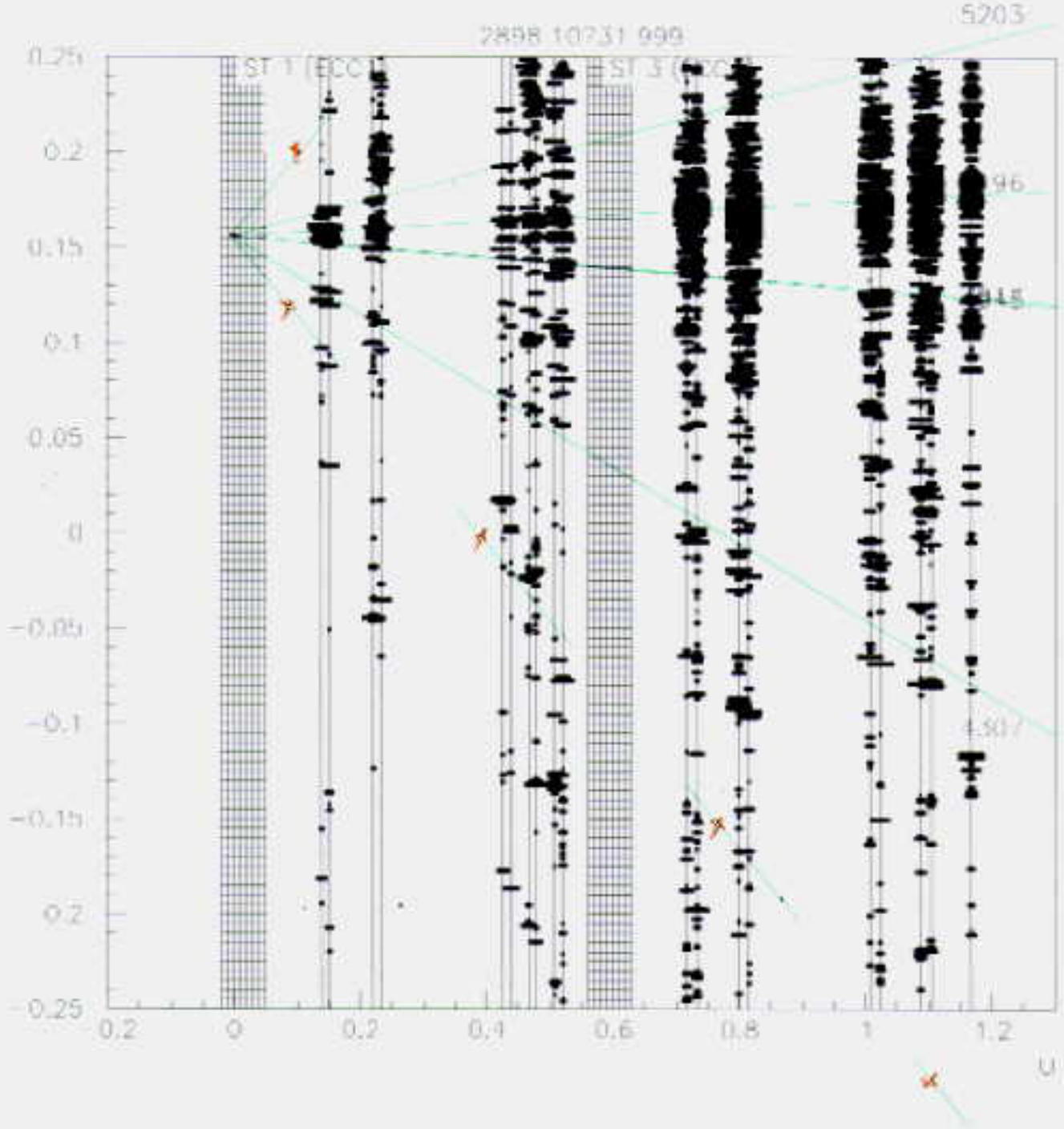
Electron ID.

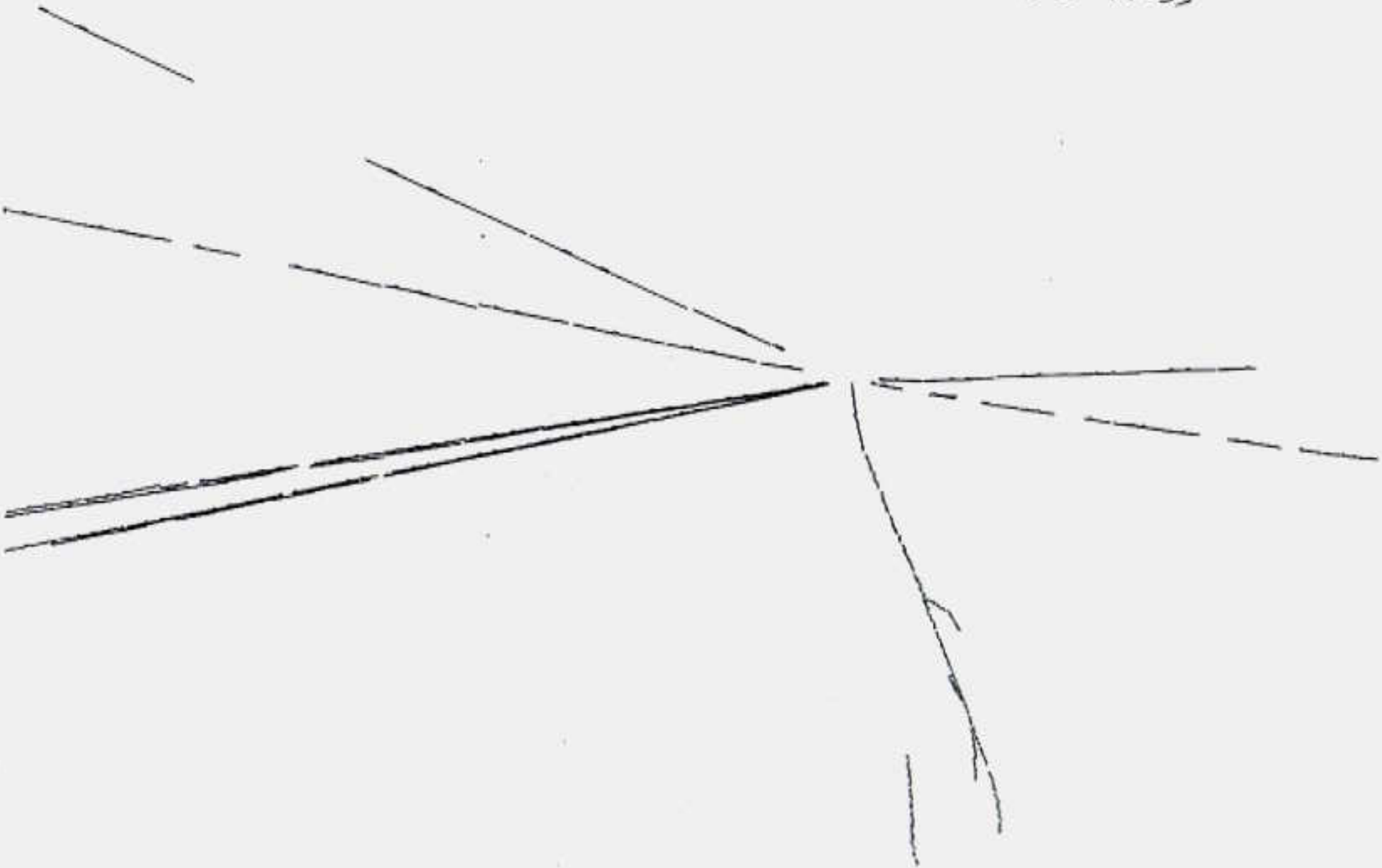

electron pair
γ ray
dθ
dr
γ ray
incident electron
electron pair

2898-10731 [DATA]



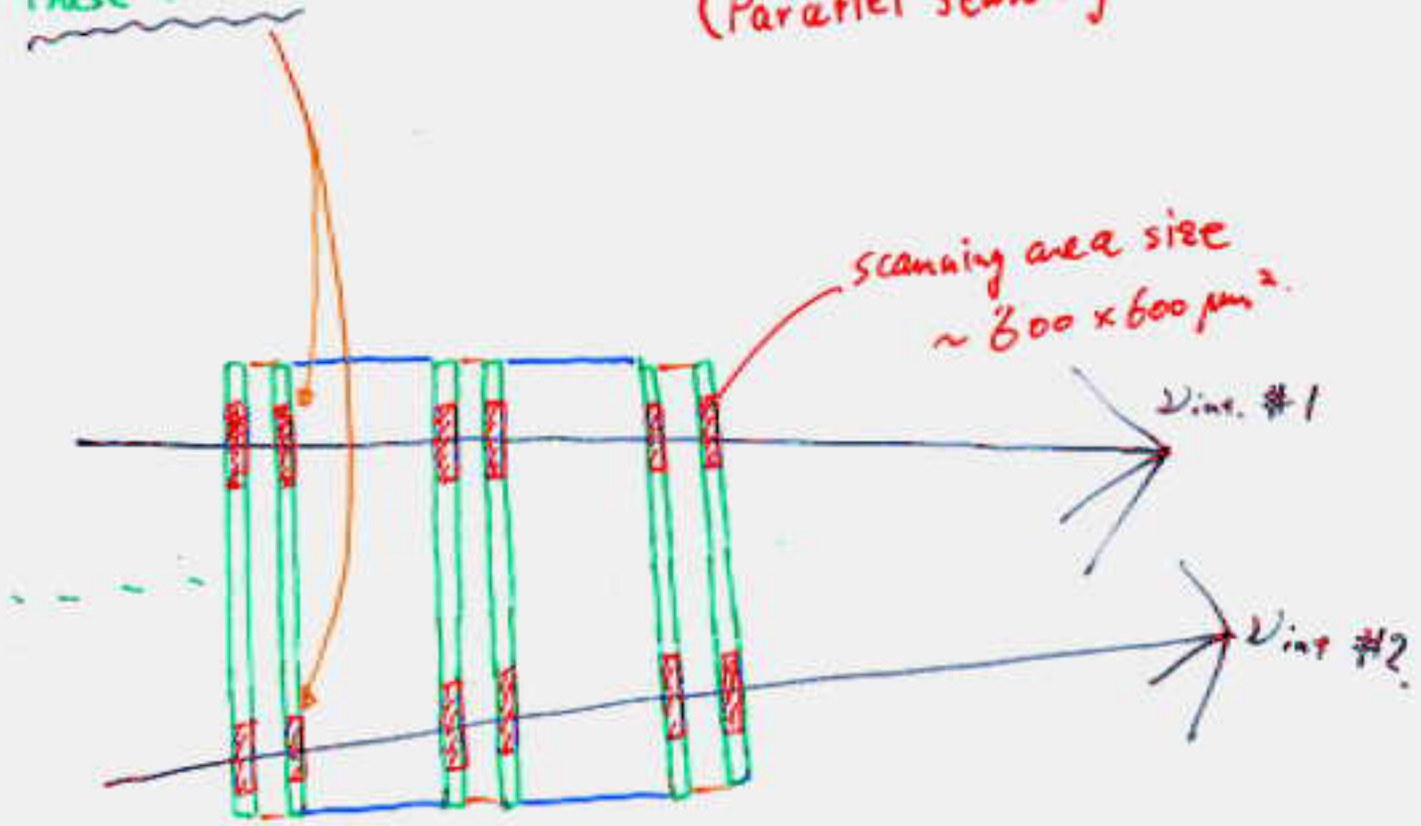

2898 10731 999
5203
0.25
0.2
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
0.2
0
0.2
0.4
0.6
0.8
1
1.2
U

3186-17=55



(1) Online DATA-TAKING

- All charged tracks from vertex are followed down to the most downstream plate (#01)
- These DATA will be scanned at the same time. (Parallel scanning will be done)



- It takes about 15 minutes per 1 emulsion plate (30×30cm²) per UTS.
- No μ-on events 271 events (1211 tracks) / 430 events.
- 146 events (779 tracks) have been finished (DATATAKING)
- For remain, it takes about 30 days.
  (1100 emulsion plates setting should be done.
  · If one person works for 12 hour, it takes 30 days

(2) Offline analysis

(i) Selection for epair candidates tracks.
($\Delta r \leq 50\mu$ $\Delta\theta \leq 0.02$.)

↓

(ii) Visual Scanning by using 3D graphic viewer.

↓

(iii) Manual Scanning

(In my case,
For 1 day, 6 events could be analyzed. ⇨ It takes 45 days.

But.

{ Kodama
Komatsu will work for this analysis
Toshito

~ 2weeks