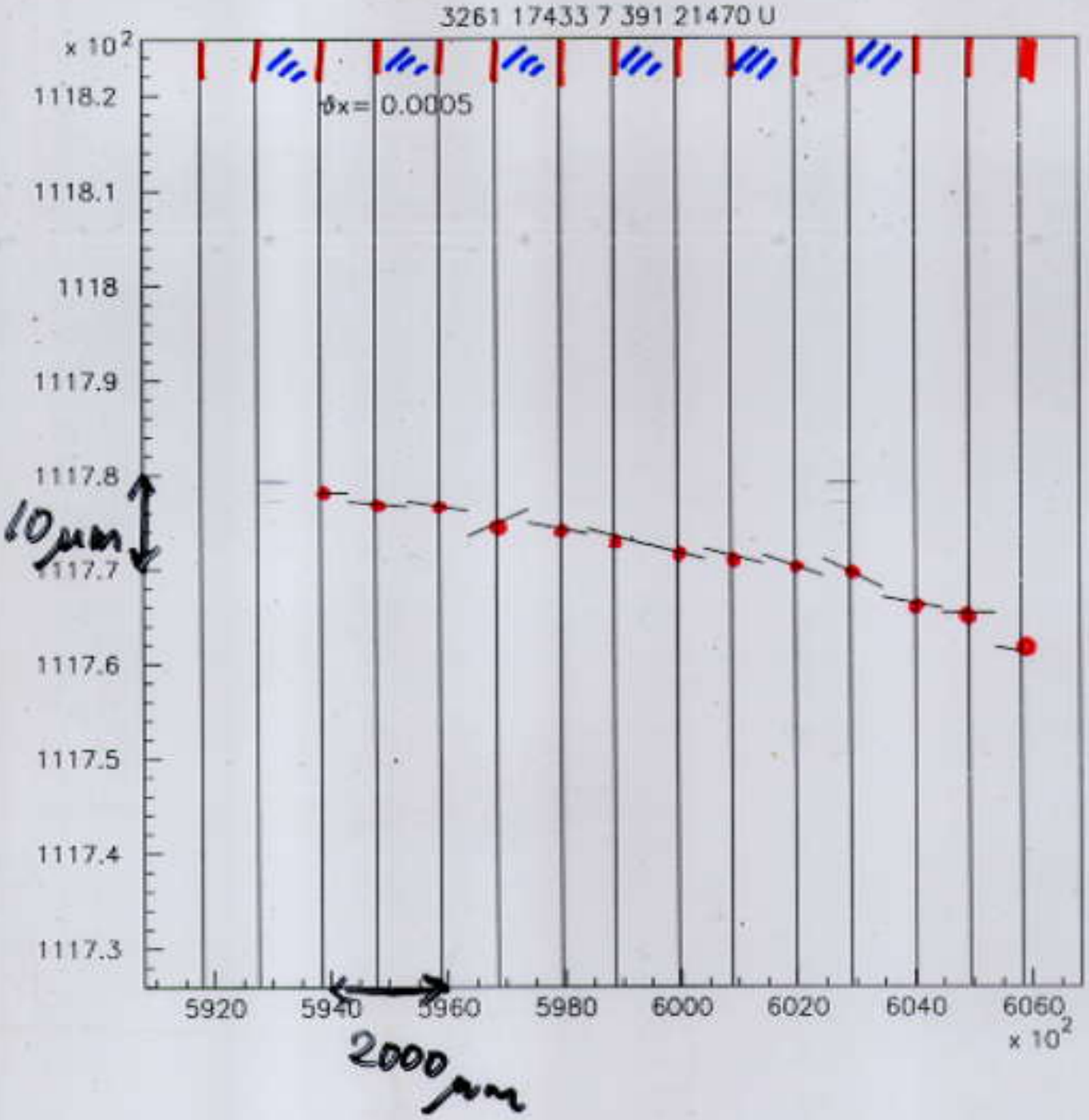
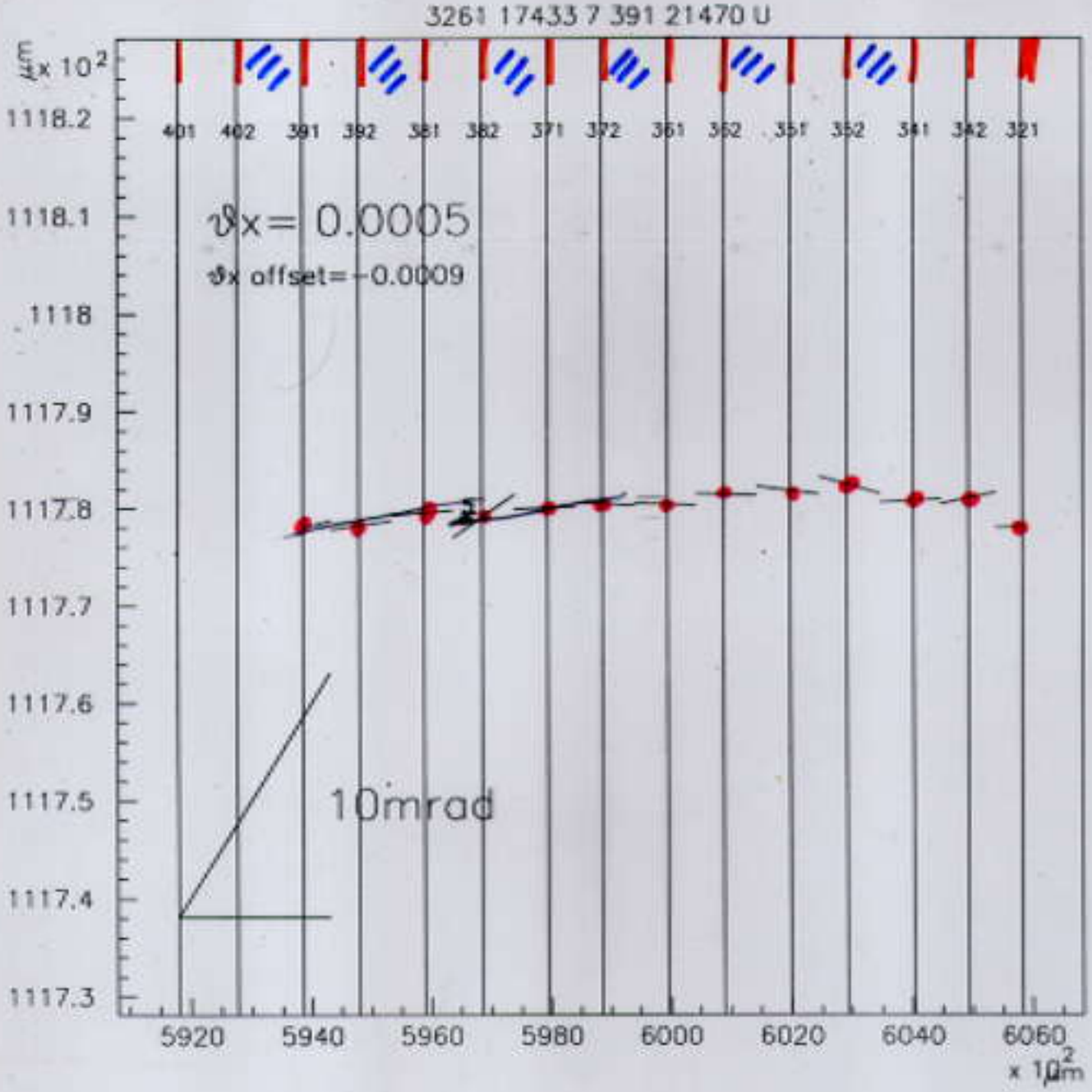
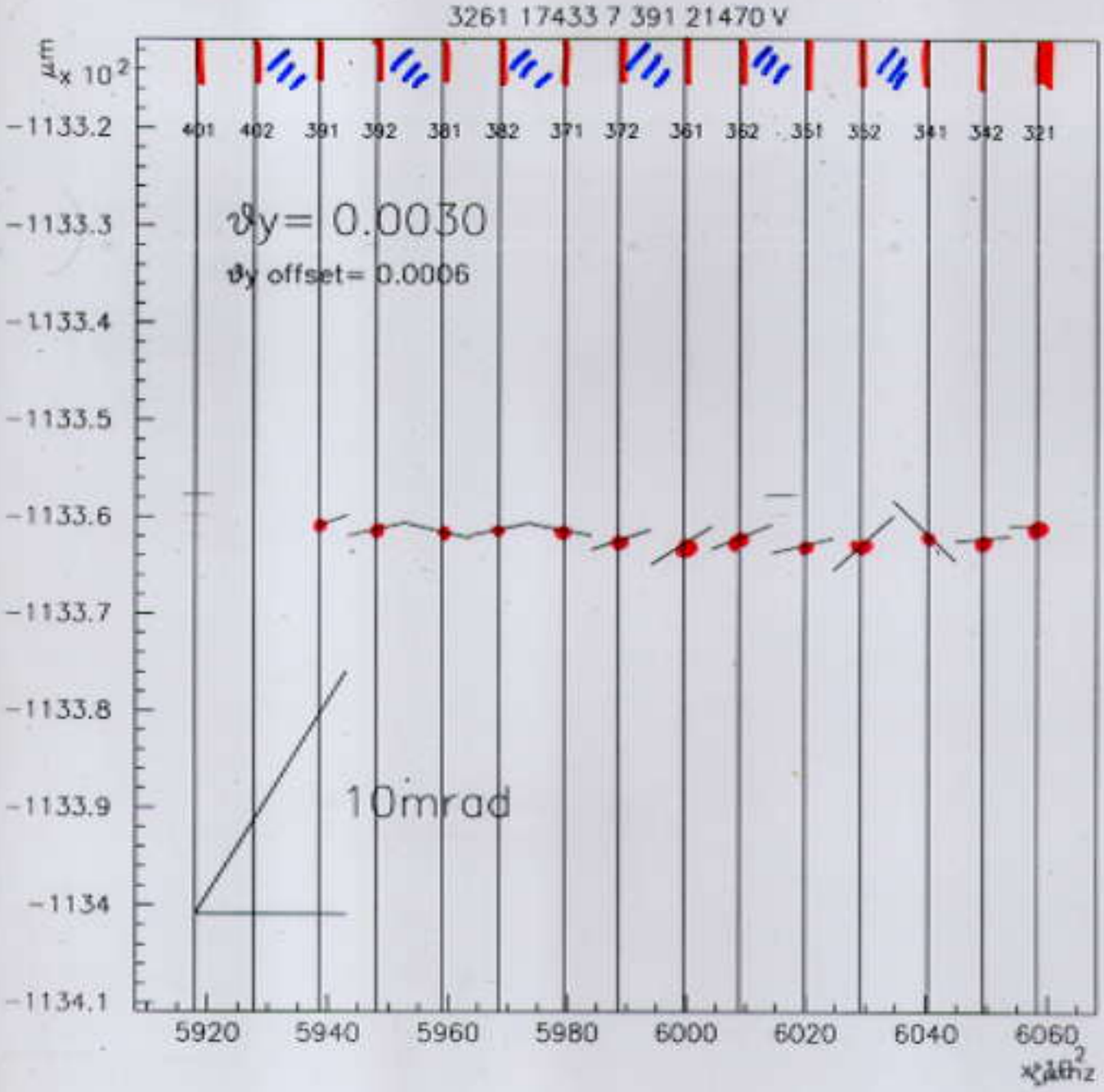
example


3261 17433 7 391 21470 U
x 10^2
1118.2
1118.1
1118
1117.9
1117.8
1117.7
1117.6
1117.5
1117.4
1117.3
δx= 0.0005
5920
5940
5960
5980
6000
6020
6040
6060
x 10^2
10 μm
2000 μm

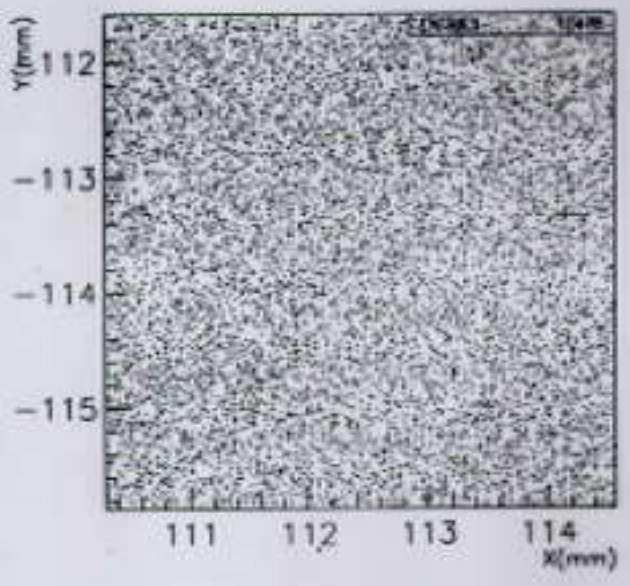

3261 17433 7 391 21470 U
μm x 10²
1118.2
1118.1
1118
1117.9
1117.8
1117.7
1117.6
1117.5
1117.4
1117.3
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑx= 0.0005
ϑx offset=-0.0009
10mrad
5920 5940 5960 5980 6000 6020 6040 6060
x 10² μm

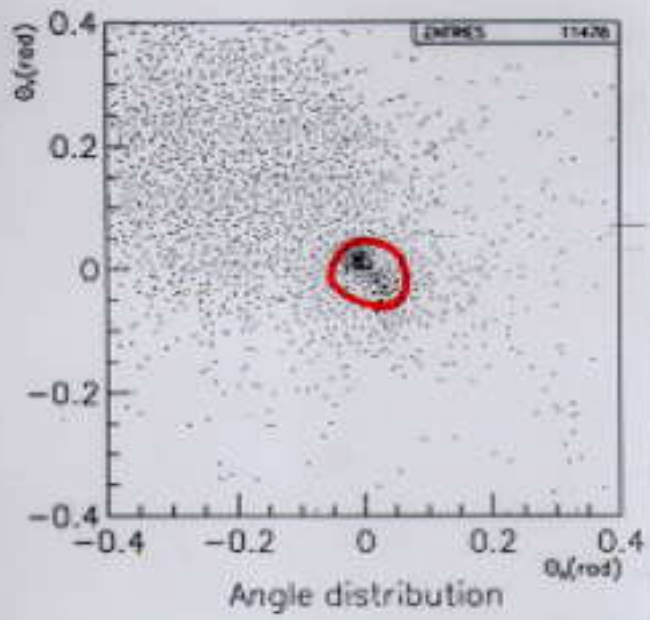

3261 17433 7 391 21470 V
μm x 10²
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑy= 0.0030
ϑy offset= 0.0006
10mrad
-1133.2
-1133.3
-1133.4
-1133.5
-1133.6
-1133.7
-1133.8
-1133.9
-1134
-1134.1
5920 5940 5960 5980 6000 6020 6040 6060

Track Segment DATA

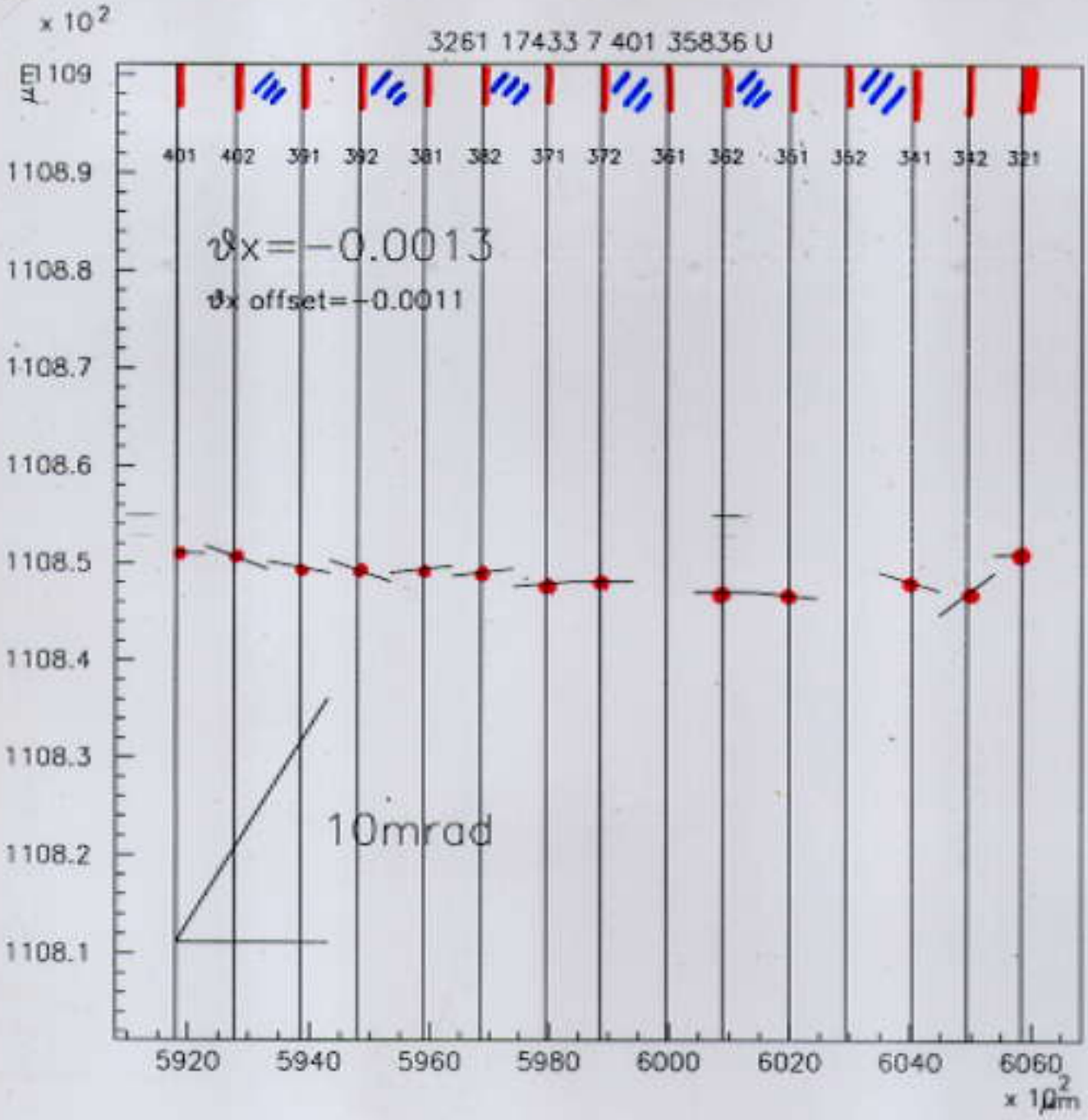
EXP. = e872
RUN = 3261
EVENT = 17433
MOD = 7
plate = 32-1
emulsion type
unknown

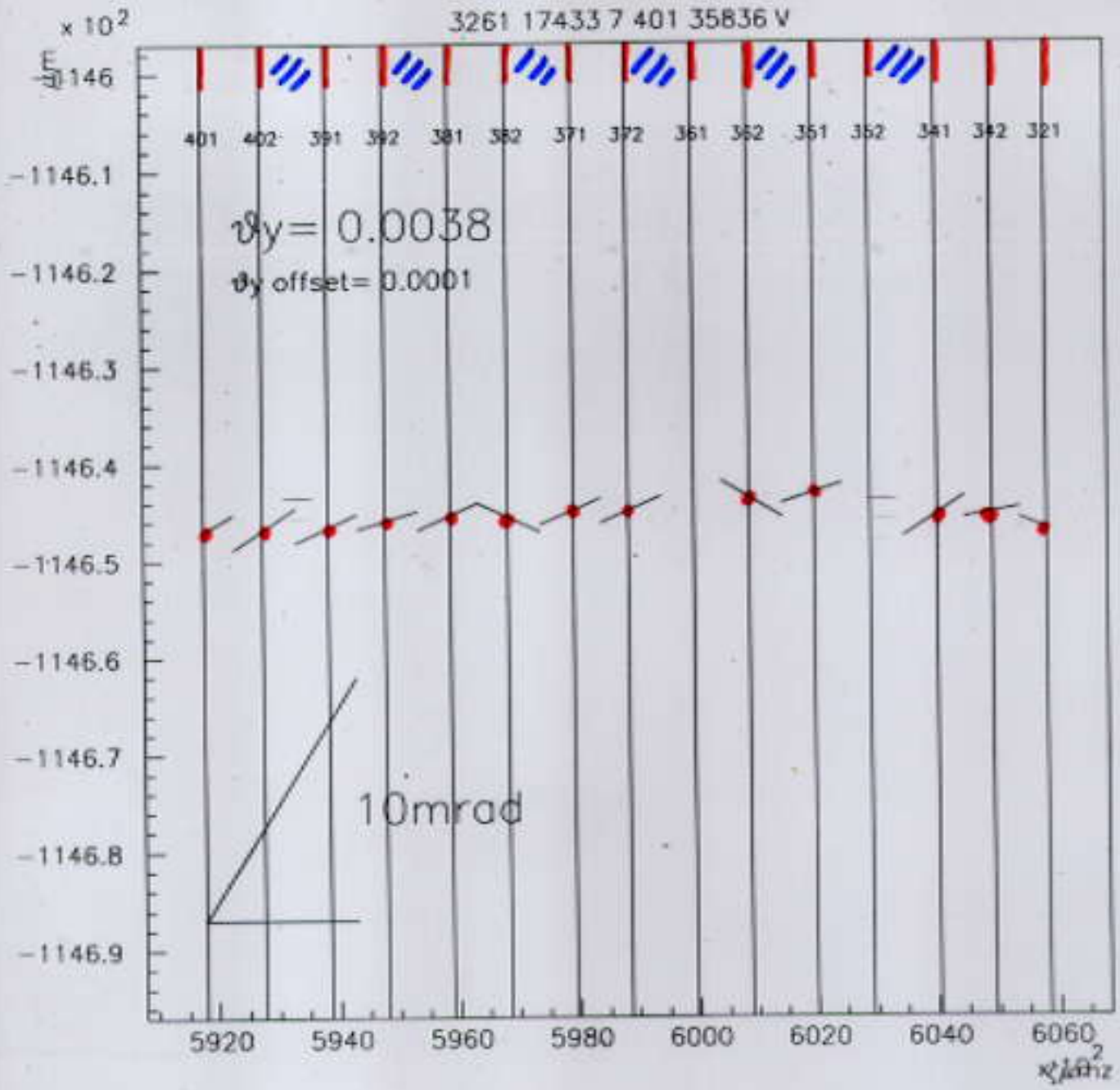
Scanned area(mm²)=(4.3,4.2)
Number of Track = 11475
STAGE ID = 0
DATE =



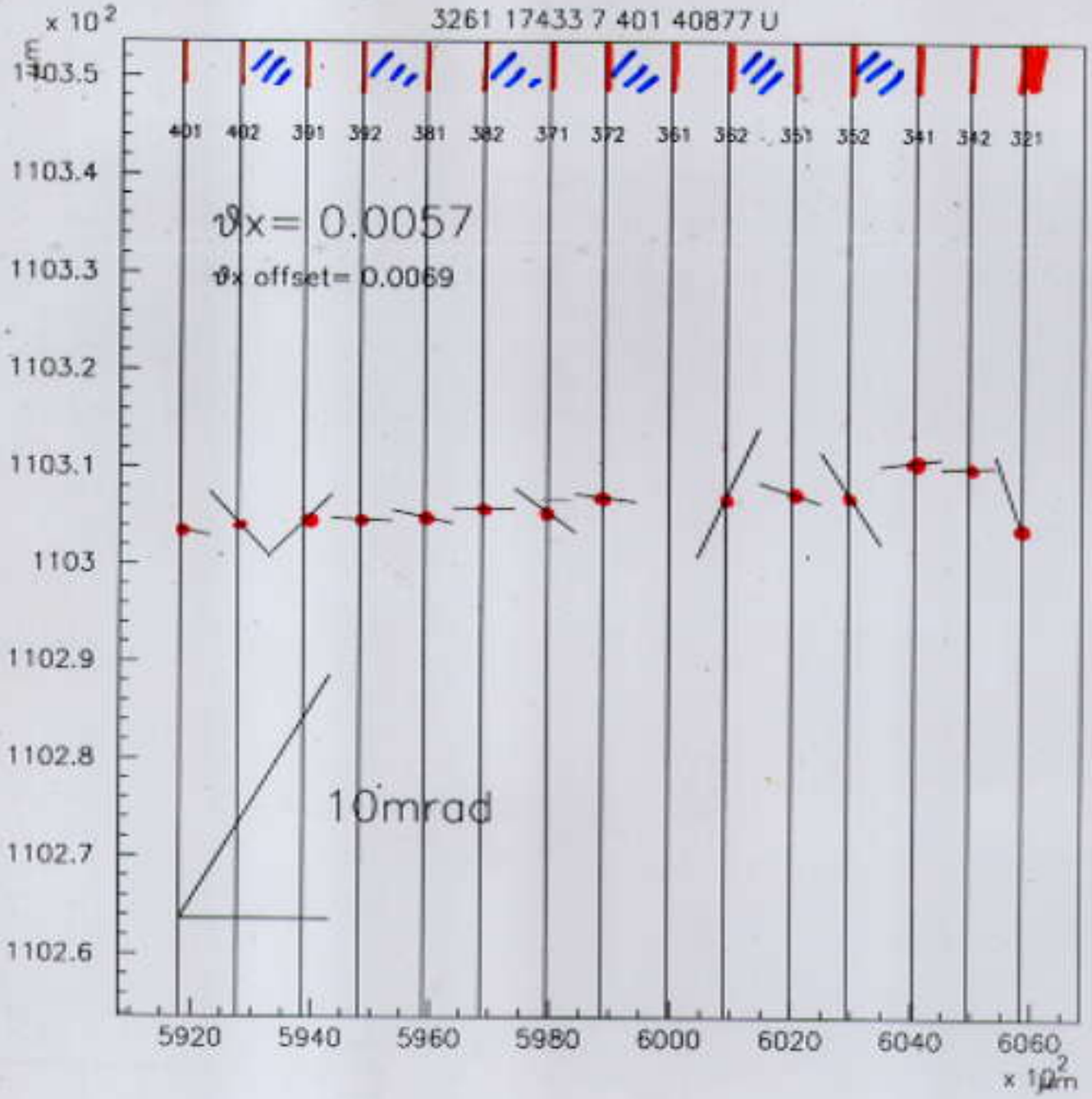


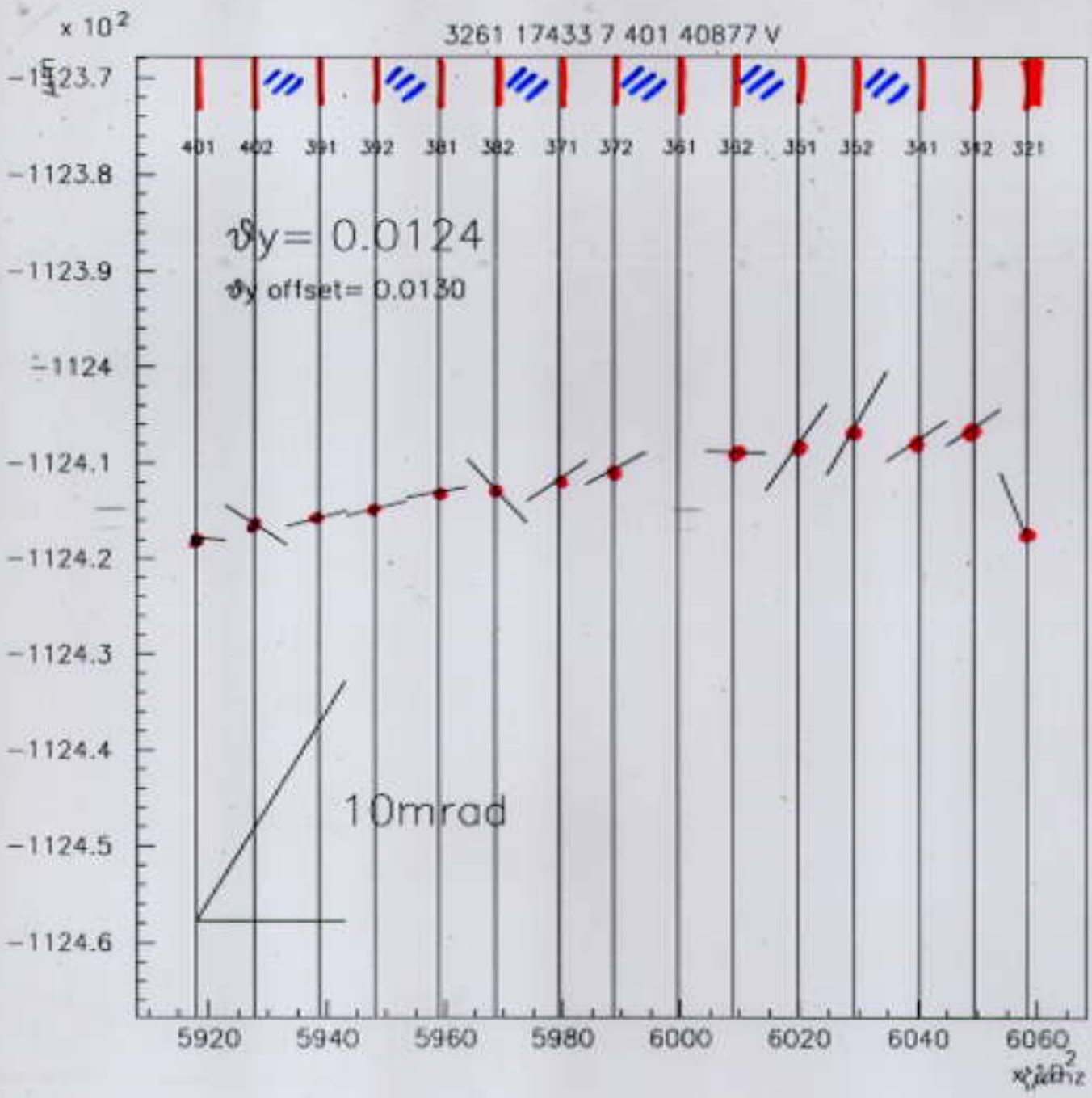
ref θ < 0.1

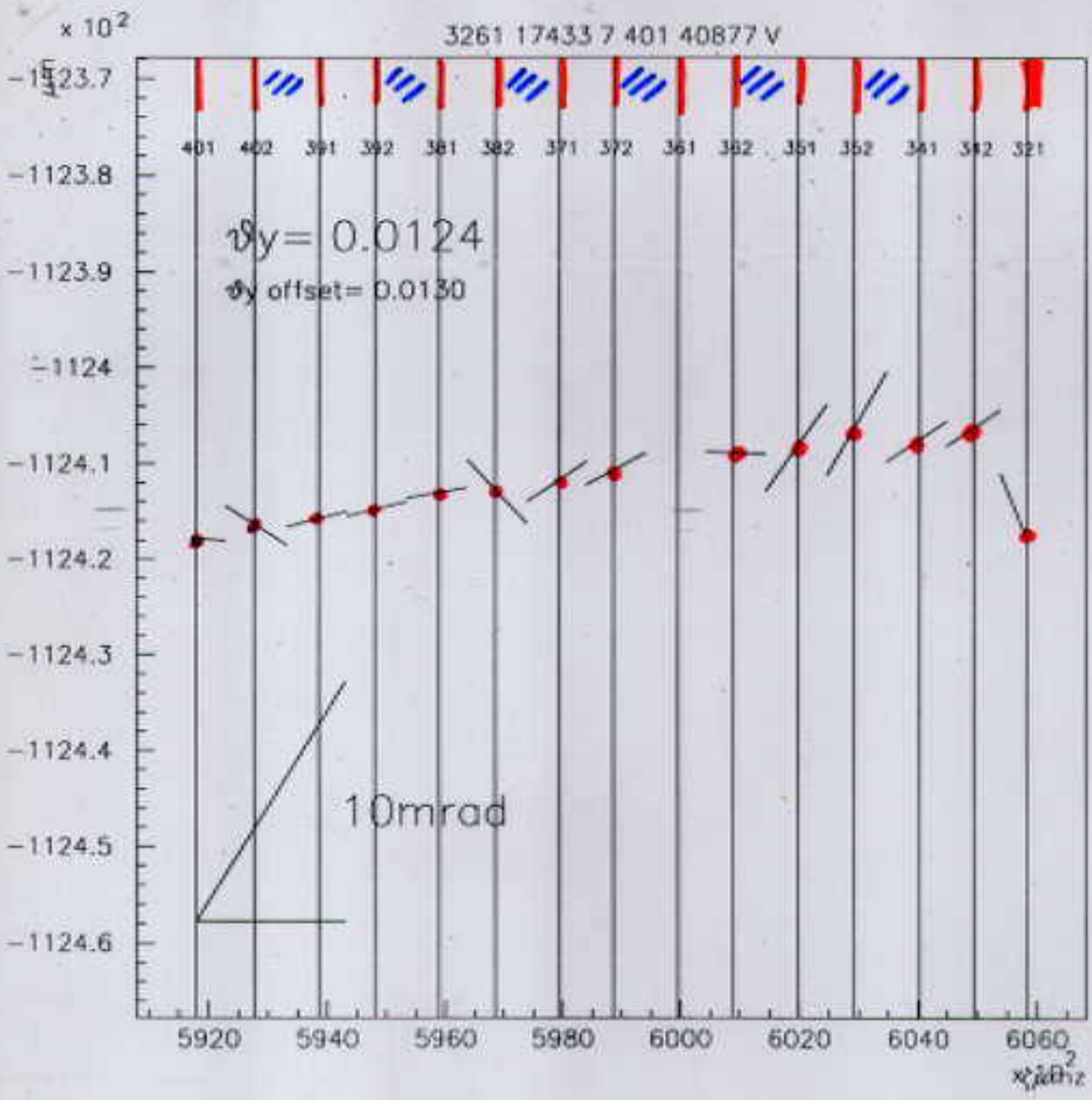

x 10²
3261 17433 7 401 35836 U
μE 109
1108.9
1108.8
1108.7
1108.6
1108.5
1108.4
1108.3
1108.2
1108.1
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑx=−0.0013
ϑx offset=−0.0011
10mrad
5920 5940 5960 5980 6000 6020 6040 6060
x 10² μm

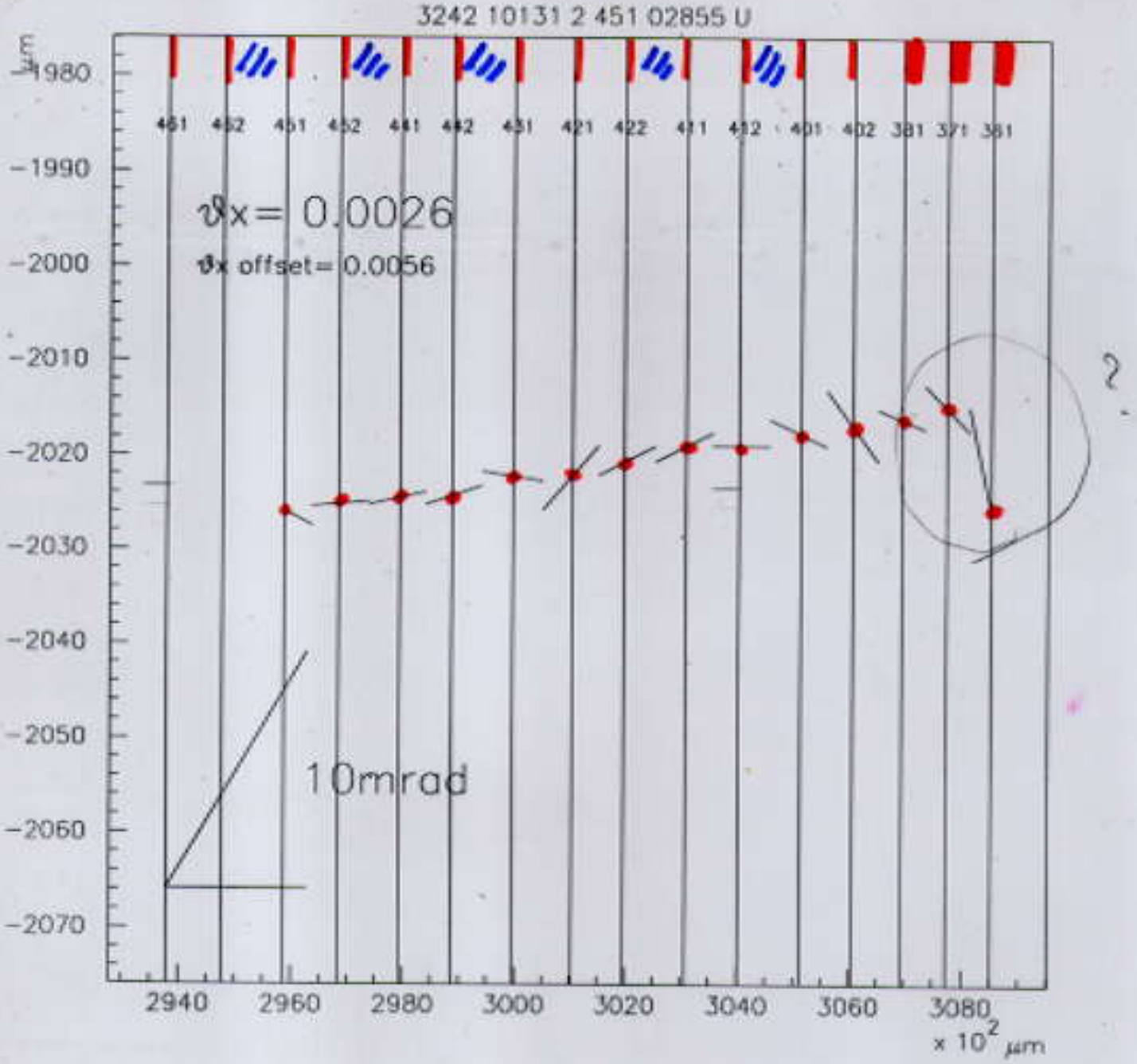


3261 17433 7 401 35836 V
x 10^2
-1146
-1146.1
-1146.2
-1146.3
-1146.4
-1146.5
-1146.6
-1146.7
-1146.8
-1146.9
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑy= 0.0038
ϑy offset= 0.0001
10mrad
5920 5940 5960 5980 6000 6020 6040 6060

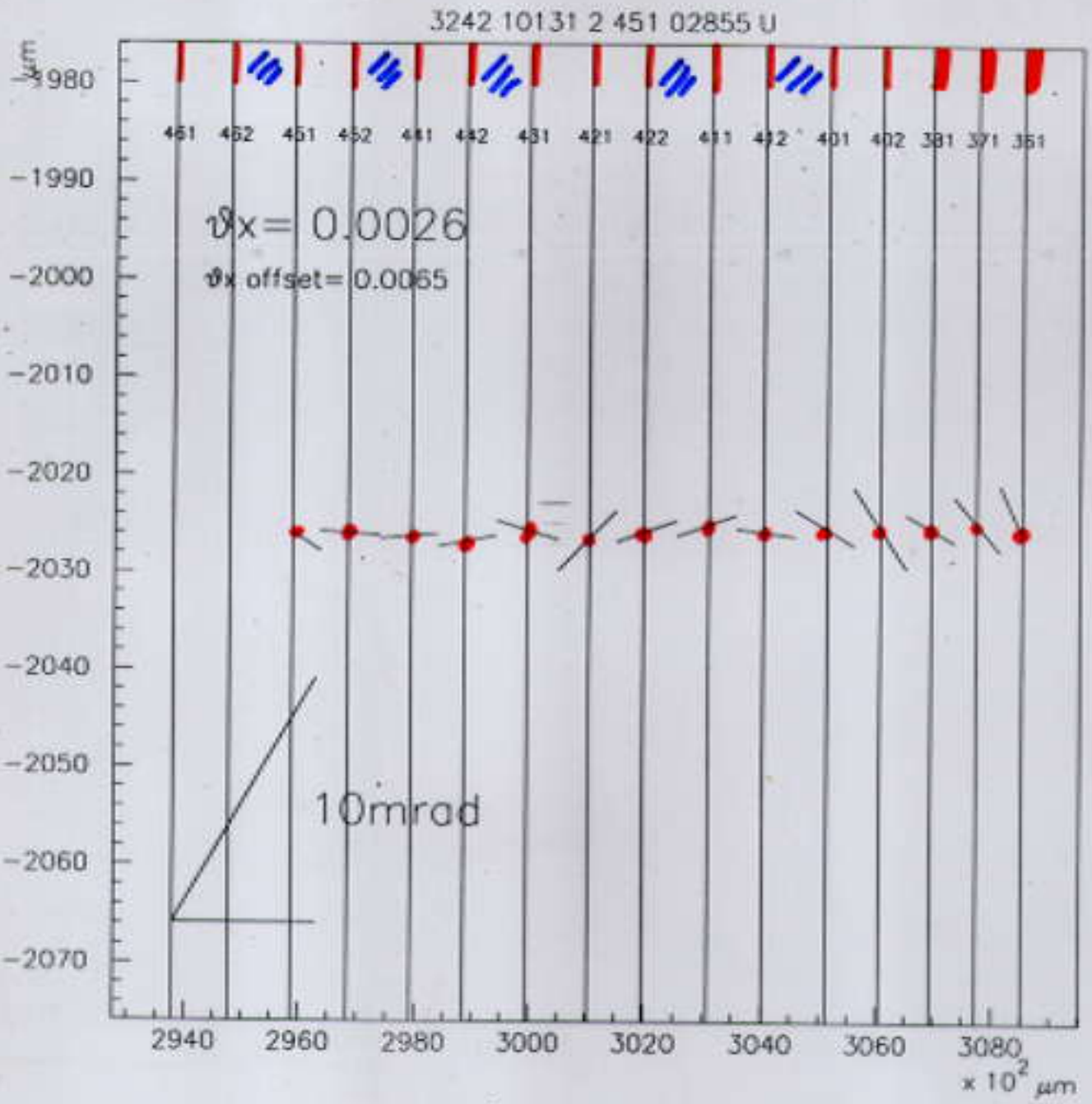

3261 17433 7 401 40877 U
x 10^2
ξ
1103.5
1103.4
1103.3
1103.2
1103.1
1103
1102.9
1102.8
1102.7
1102.6
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑx= 0.0057
ϑx offset= 0.0069
10mrad
5920 5940 5960 5980 6000 6020 6040 6060
x 10^2 μm


x 10^2
3261 17433 7 401 40877 V
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑy= 0.0124
ϑy offset= 0.0130
10mrad
-1123.7
-1123.8
-1123.9
-1124
-1124.1
-1124.2
-1124.3
-1124.4
-1124.5
-1124.6
5920
5940
5960
5980
6000
6020
6040
6060


x 10^2
3261 17433 7 401 40877 V
401 402 391 392 381 382 371 372 361 362 351 352 341 342 321
ϑy= 0.0124
ϑy offset= 0.0130
10mrad
-1123.7
-1123.8
-1123.9
-1124
-1124.1
-1124.2
-1124.3
-1124.4
-1124.5
-1124.6
5920
5940
5960
5980
6000
6020
6040
6060

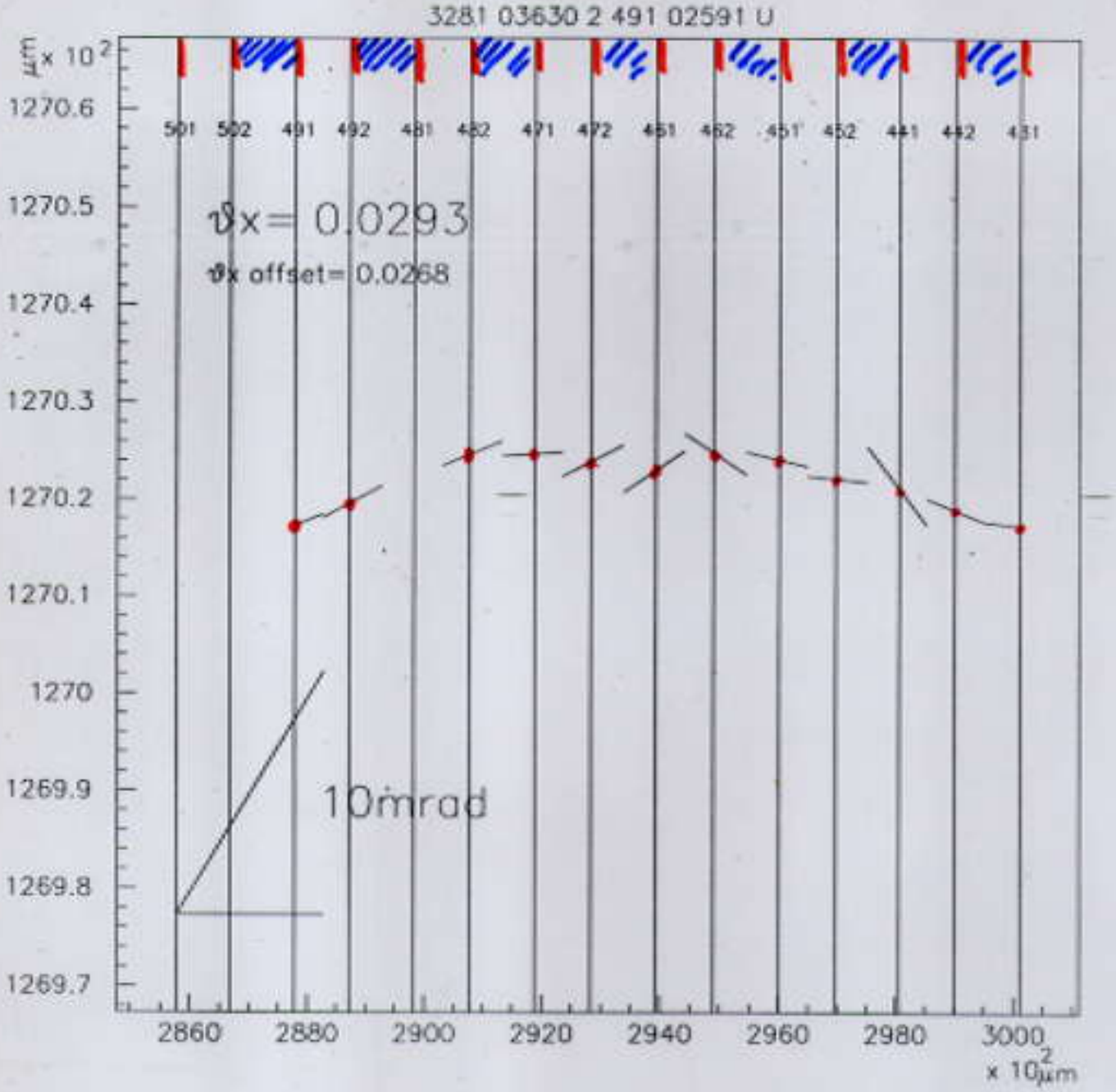

3242 10131 2 451 02855 U
μm
1980
-1990
-2000
-2010
-2020
-2030
-2040
-2050
-2060
-2070
461 462 451 452 441 442 431 421 422 411 412 401 402 381 371 361
ϑx= 0.0026
ϑx offset= 0.0056
10mrad
2940
2960
2980
3000
3020
3040
3060
3080
x 10² μm
?

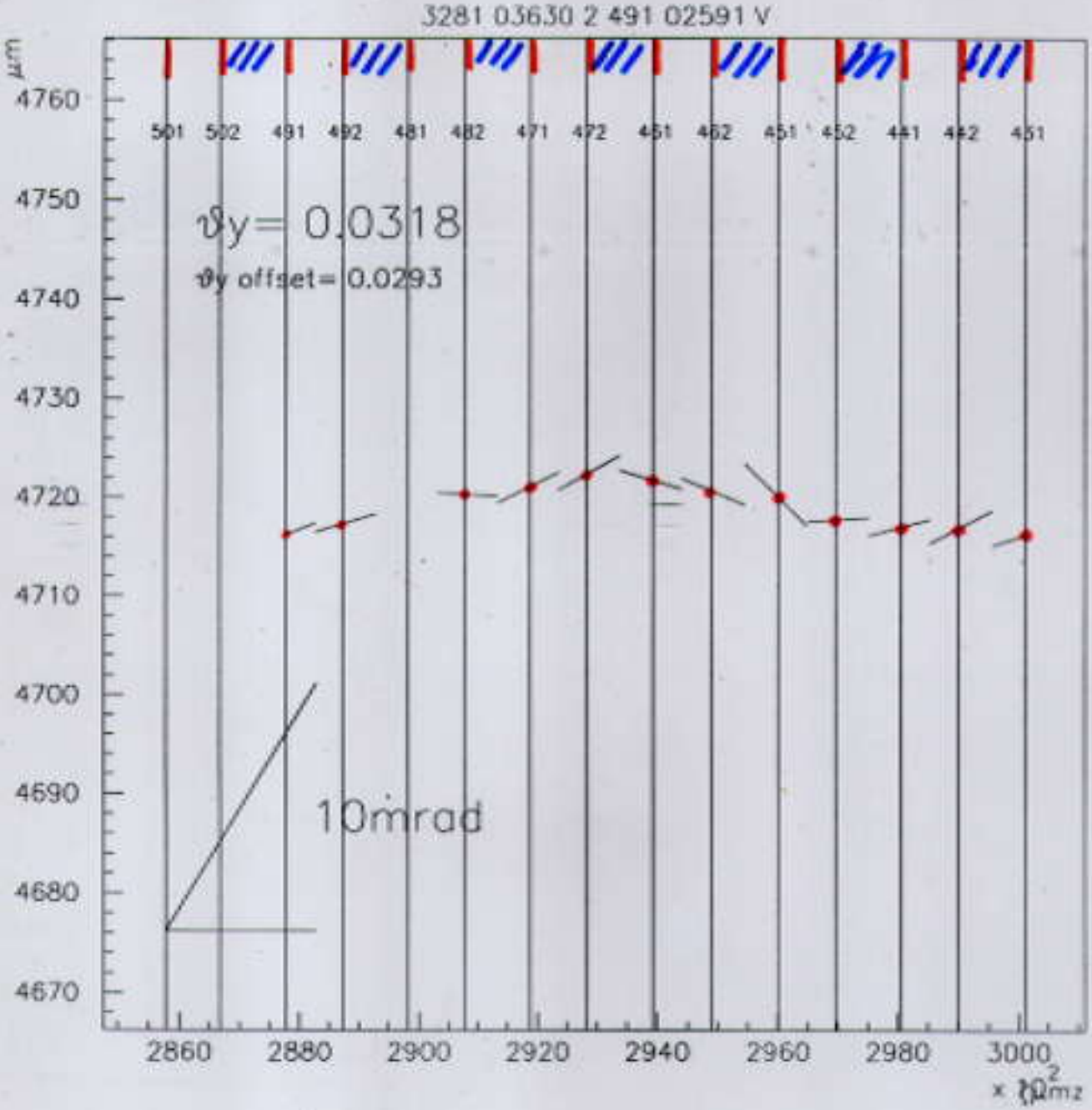
after re - connection



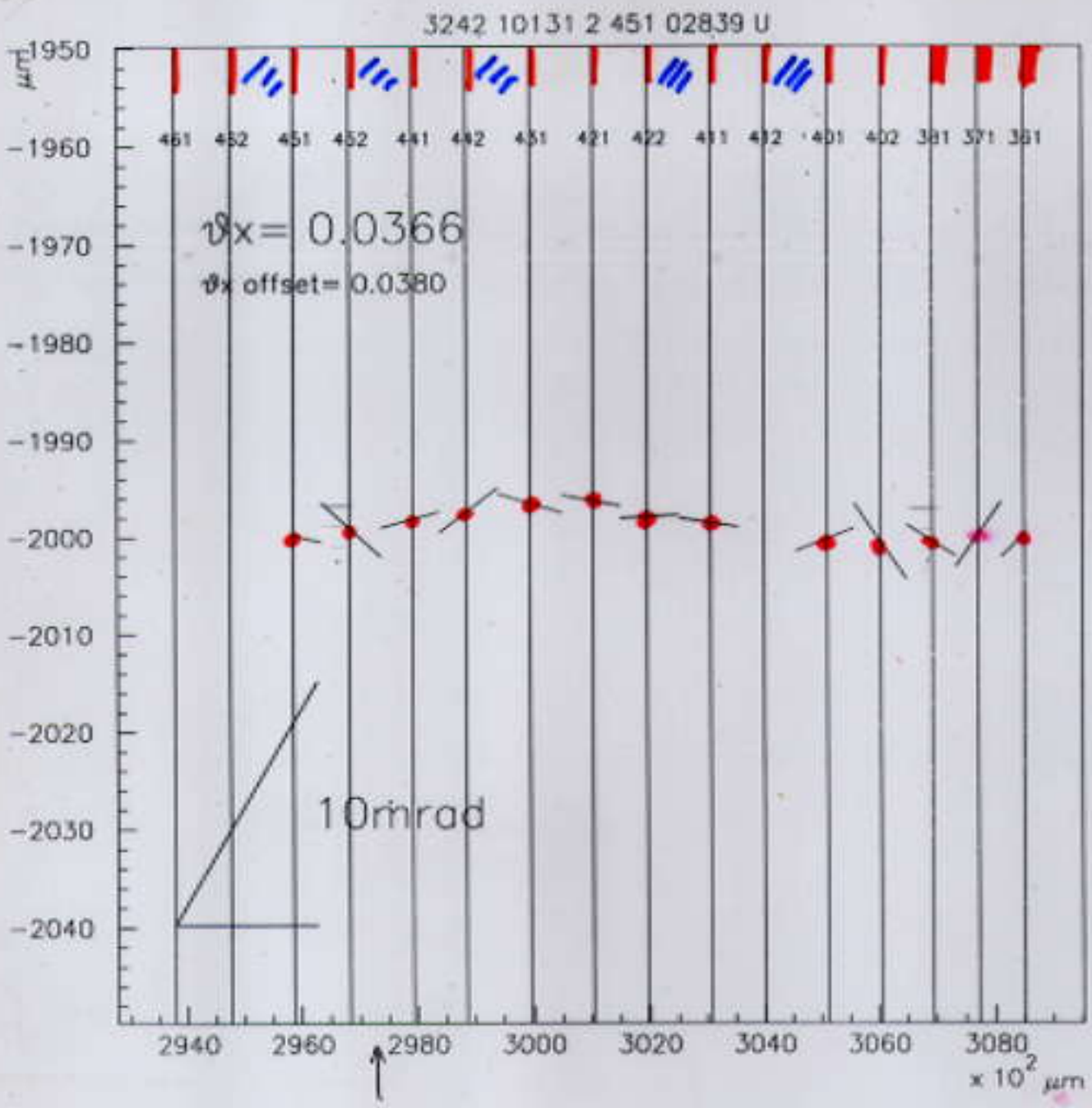
recovable miss connection

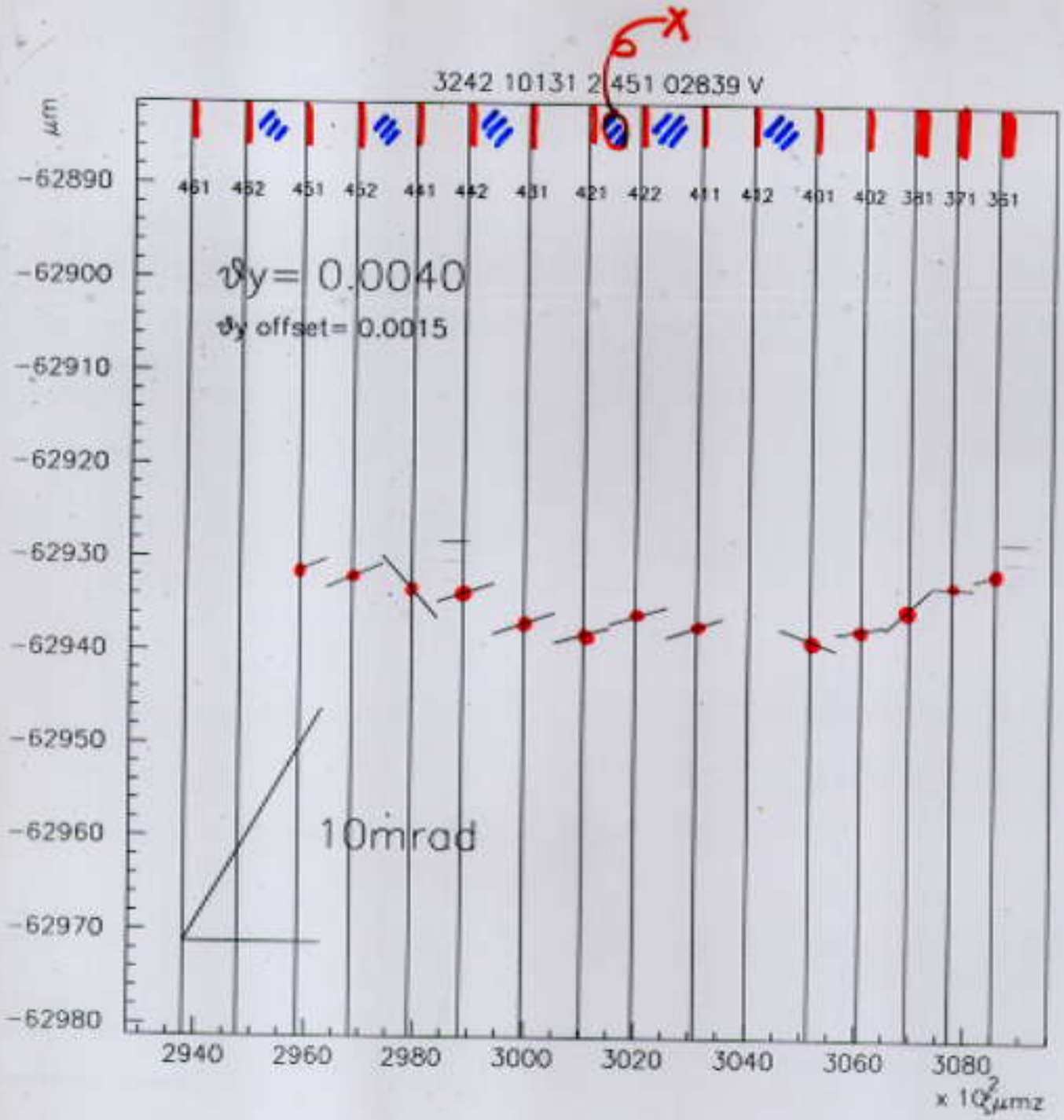
low momentum like




3281 03630 2 491 02591 V
μm
4760
4750
4740
4730
4720
4710
4700
4690
4680
4670
501 502 491 492 481 482 471 472 461 462 451 452 441 442 431
ϑy= 0.0318
ϑy offset= 0.0293
10mrad
2860 2880 2900 2920 2940 2960 2980 3000
x 10²mz

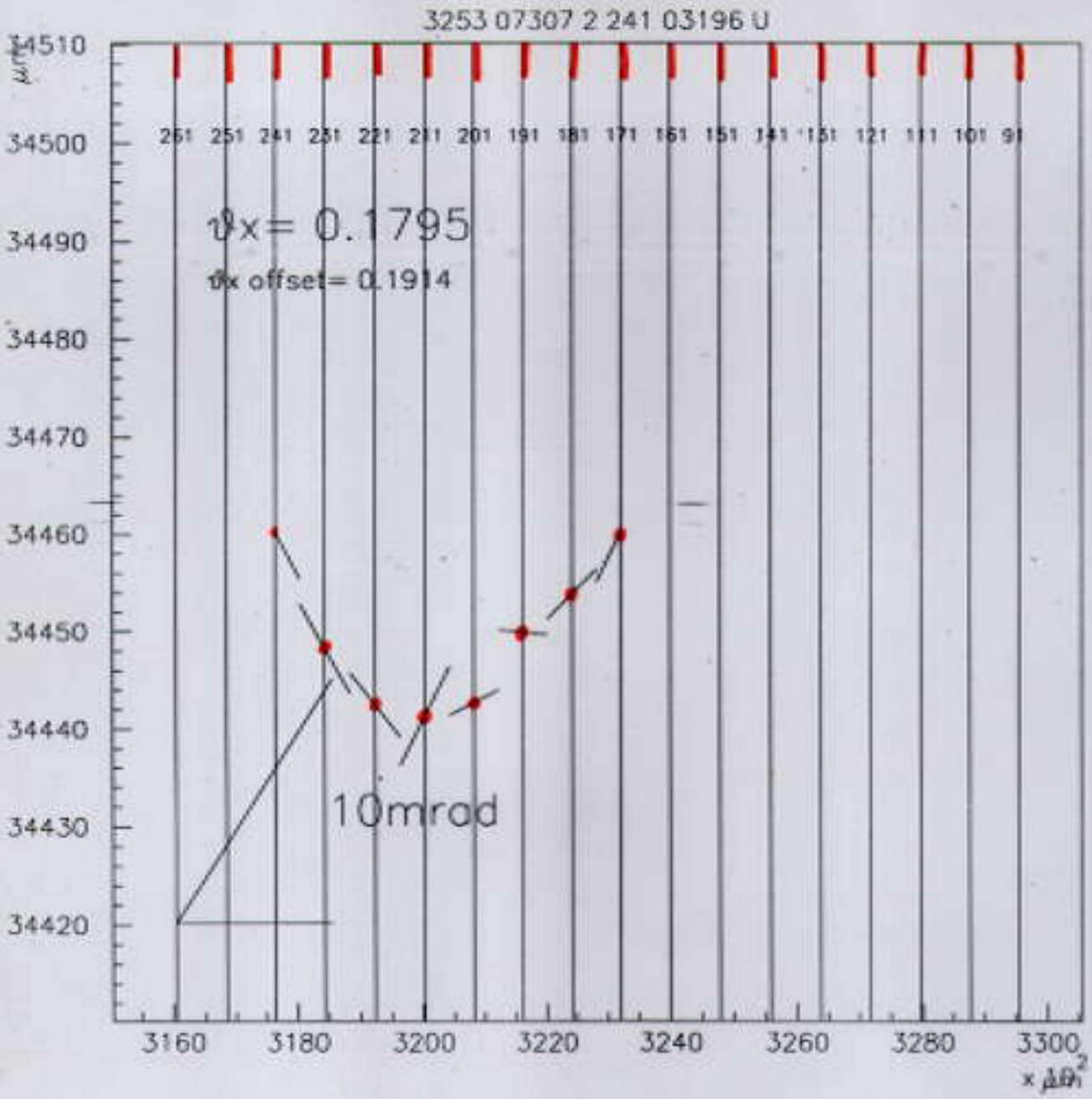
low ~~momentum~~ momentum like

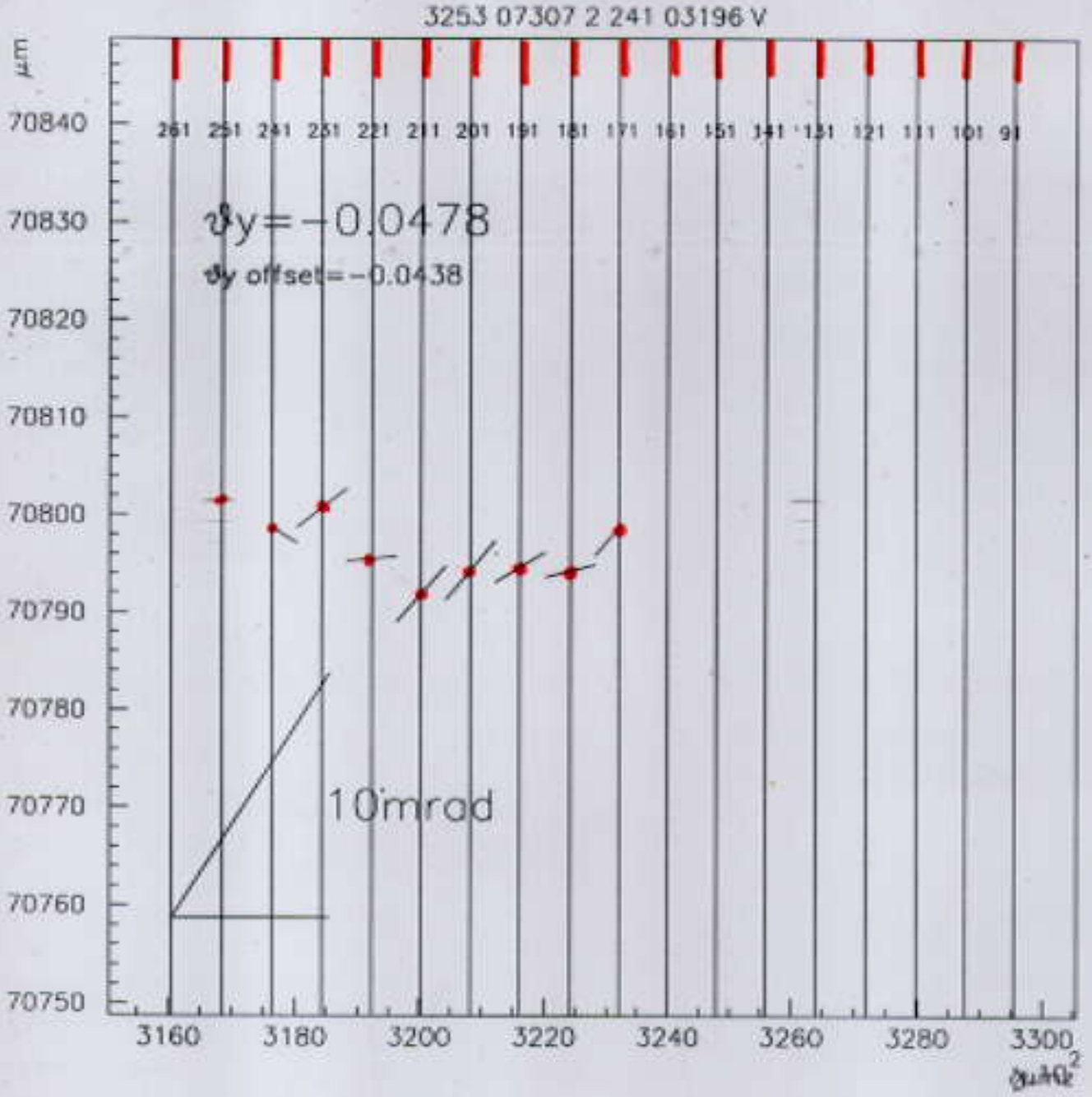



3242 10131 2451 02839 V
μm
-62890
-62900
-62910
-62920
-62930
-62940
-62950
-62960
-62970
-62980
461 462 451 452 441 442 431 421 422 411 412 401 402 381 371 351
ϑy= 0.0040
ϑy offset= 0.0015
10mrad
2940
2960
2980
3000
3020
3040
3060
3080
x 10² μmz

low momentum ?

single scattering ?




3253 07307 2 241 03196 V
μm
70840
70830
70820
70810
70800
70790
70780
70770
70760
70750
261 251 241 231 221 211 201 191 181 171 161 151 141 131 121 111 101 91
ϑy=−0.0478
ϑy offset=−0.0438
10mrad
3160
3180
3200
3220
3240
3260
3280
3300

Summary

- This check is quick and recovable

miss connection

after

- I will measure $\Delta\theta$ (LS search).
- I will work on decay search remaining events.