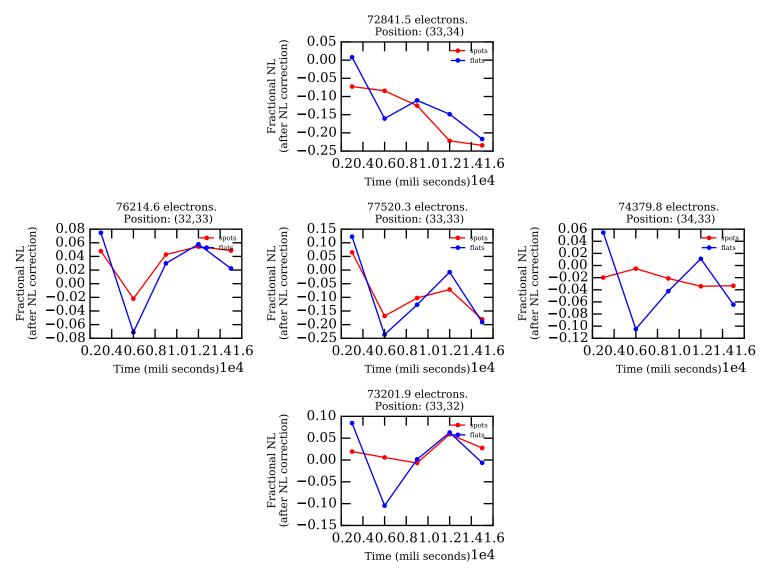
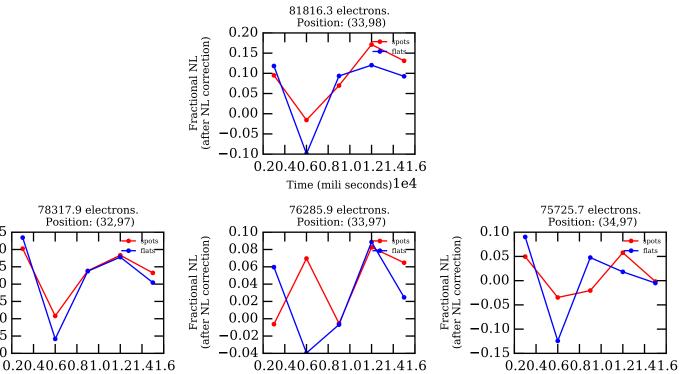


Flux in central pixel (electrons, from last sample; back. subtracted)





Time (mili seconds) 1e4

Time (mili seconds) 1e4

78317.9 electrons.

Position: (32,97)

 ${\rm Time\ (mili\ seconds)} 1e4$

0.15

0.10

0.05

0.00

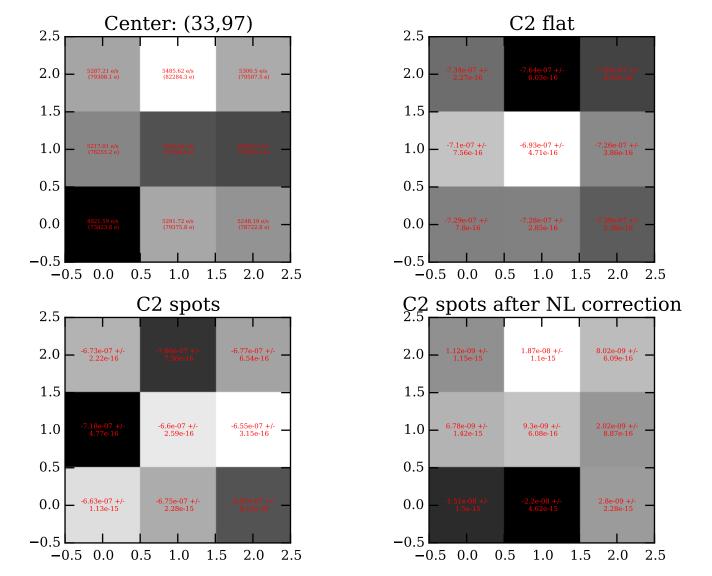
-0.05

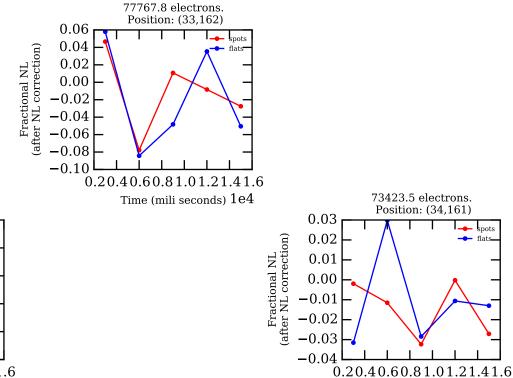
-0.10

-0.15

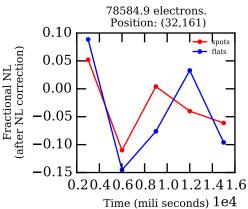
-0.20

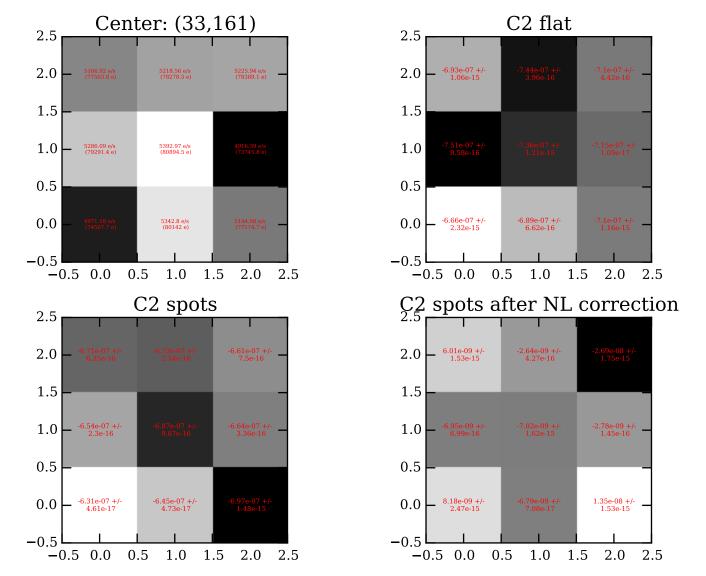
(after NL correction)

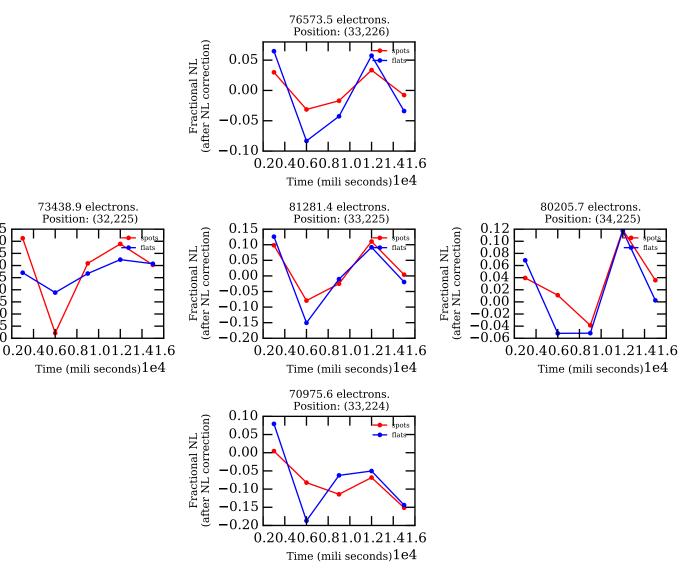




Time (mili seconds) 1e4



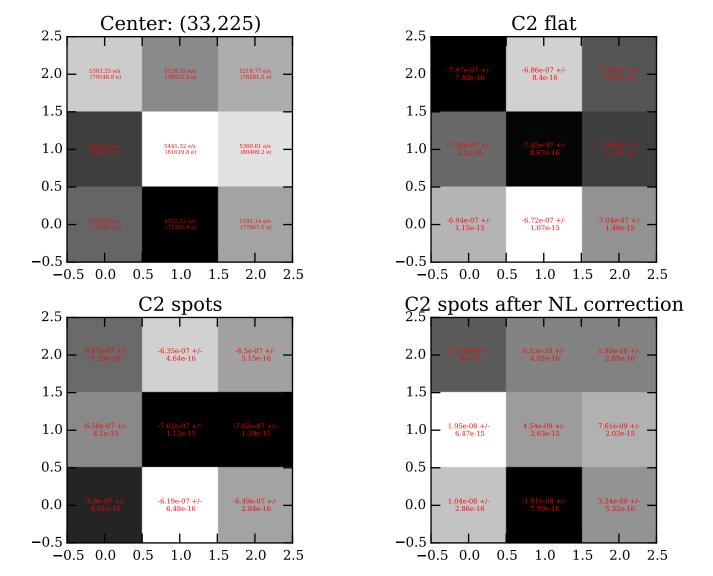


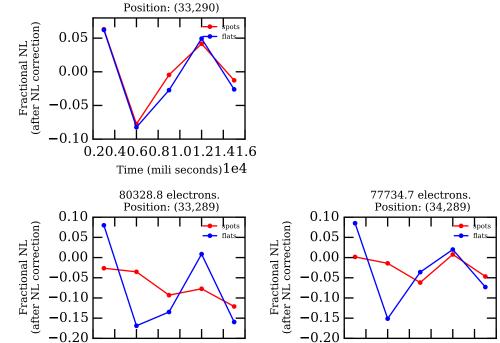


 $\begin{array}{c} 0.25 \\ 0.20 \\ 0.15 \end{array}$

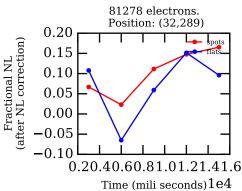
-0.20

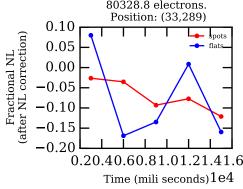
(after NL correction)



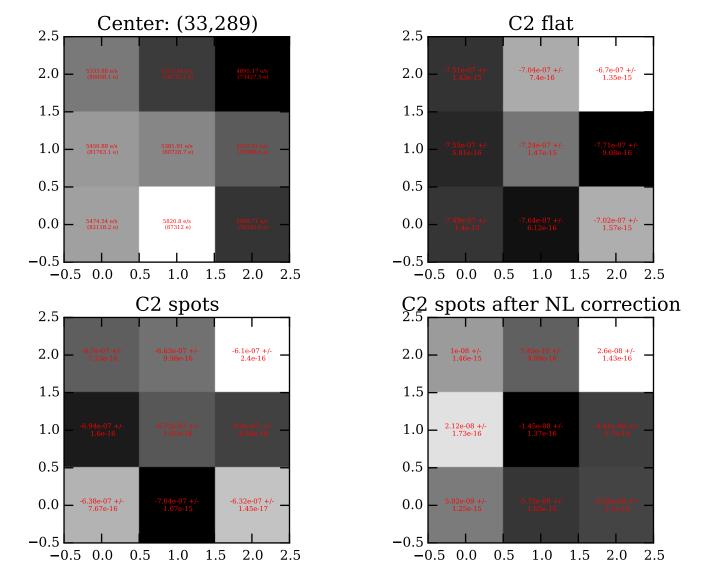


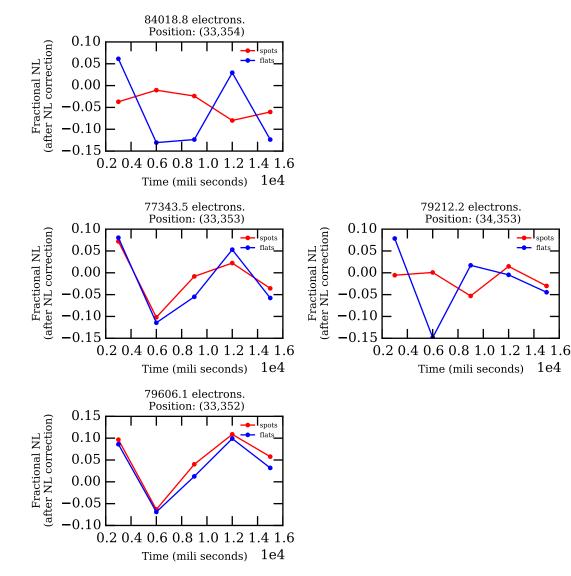
Time (mili seconds) 1e4





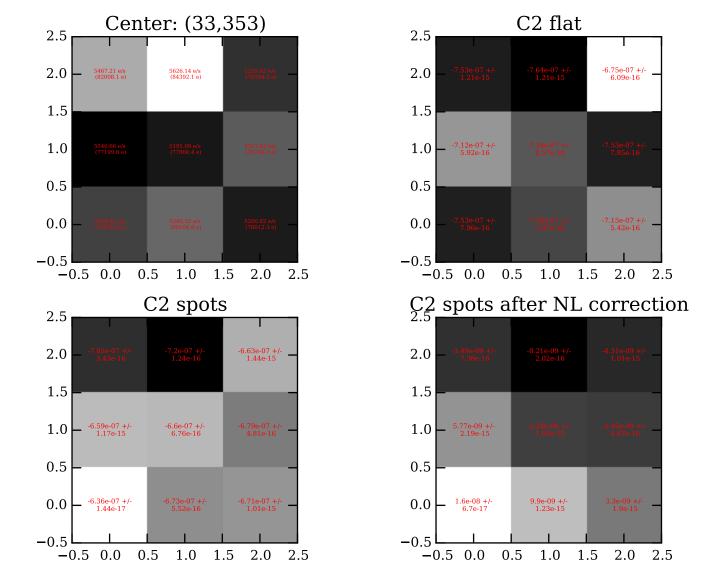
76451.7 electrons.

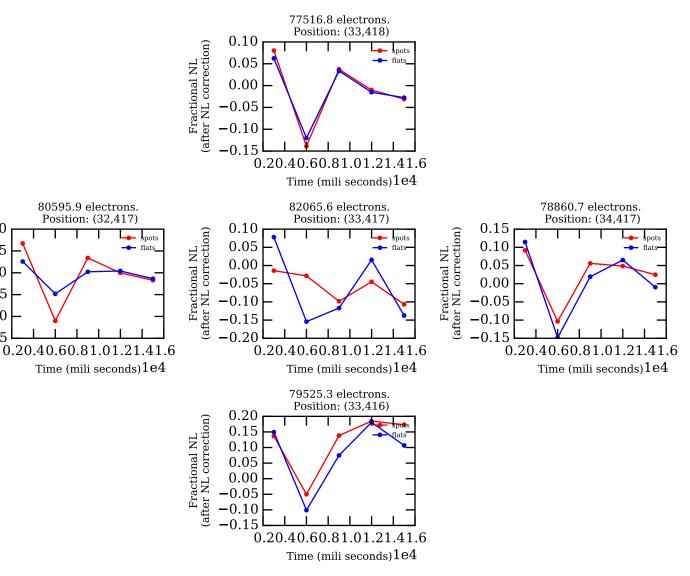




flats

1e4





0.05

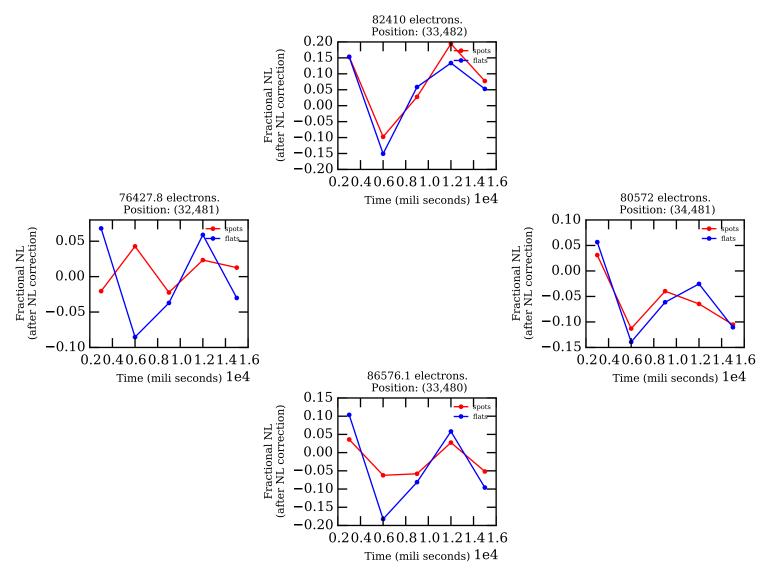
0.00

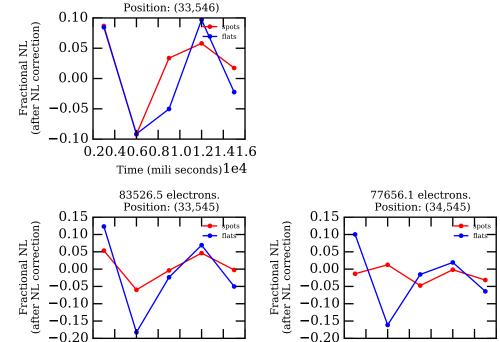
-0.05

-0.10

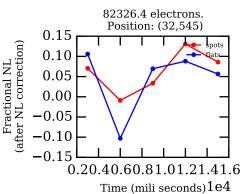
-0.15

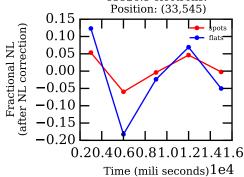
(after NL correction)



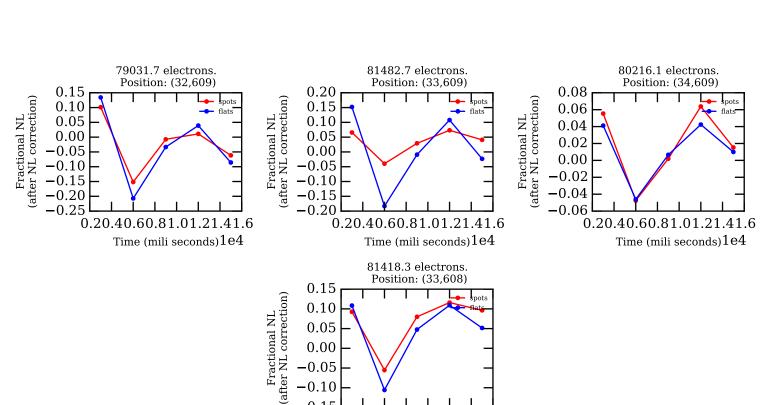


Time (mili seconds) 1e4



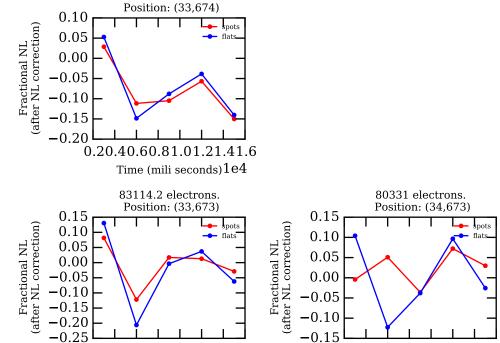


82910.6 electrons.

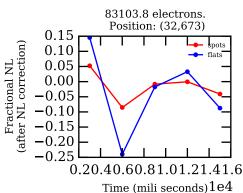


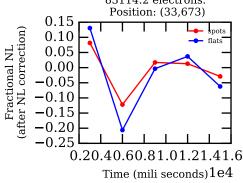
0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.10-0.15

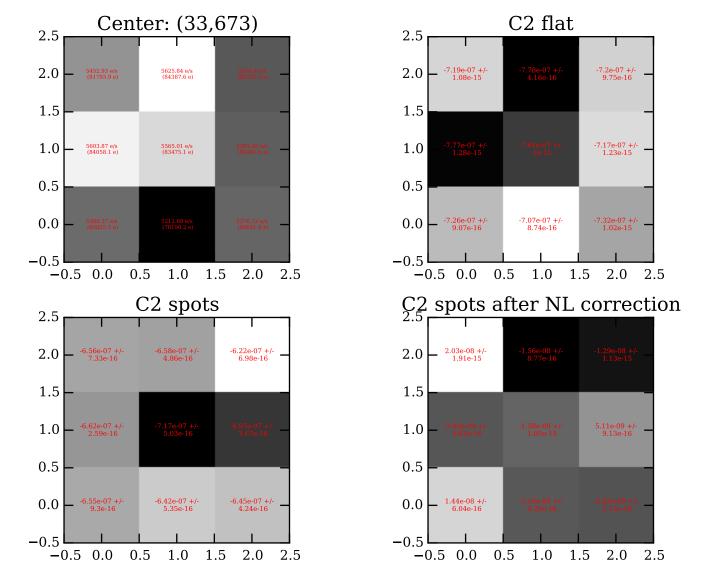


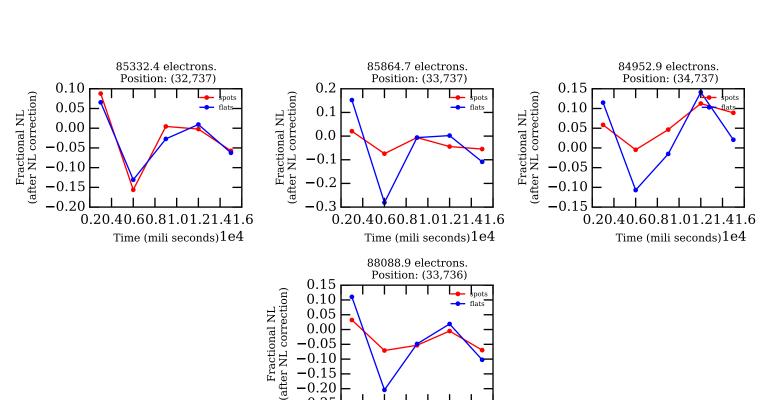
Time (mili seconds) 1e4





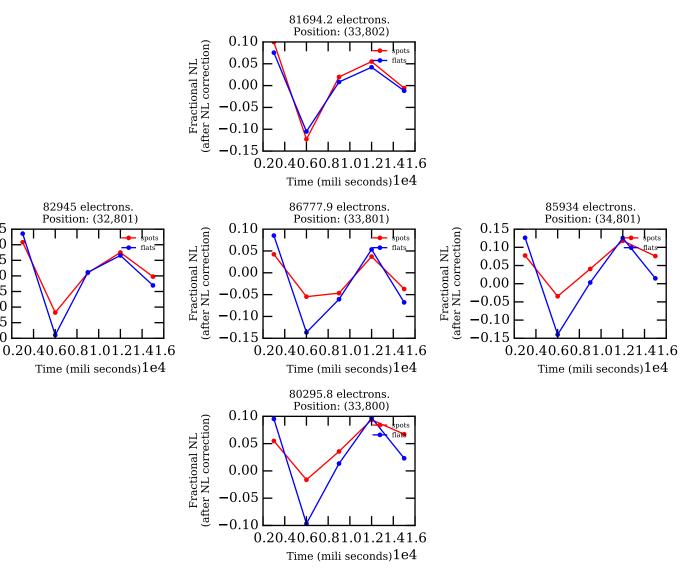
83383.1 electrons.





0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.25



82945 electrons.

0.15

0.10

0.05

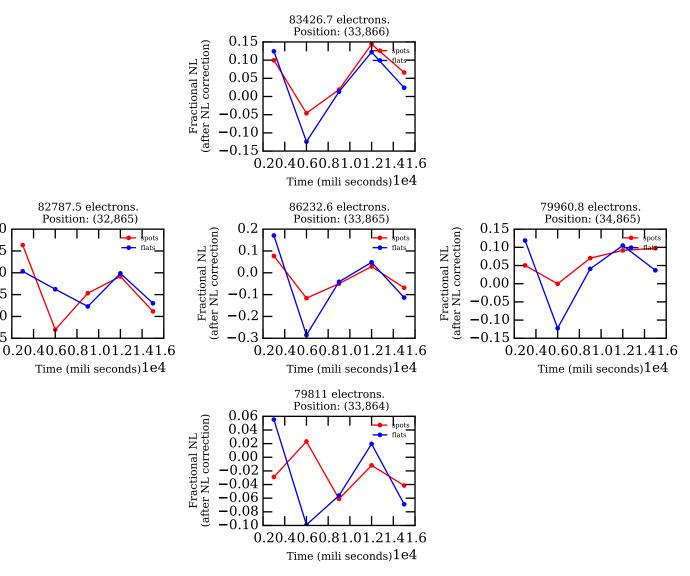
0.00

-0.05

-0.10

-0.15-0.20

(after NL correction)



0.05

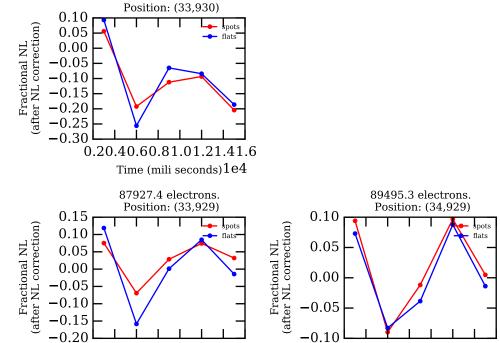
0.00

-0.05

-0.10

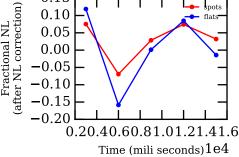
-0.15

(after NL correction)

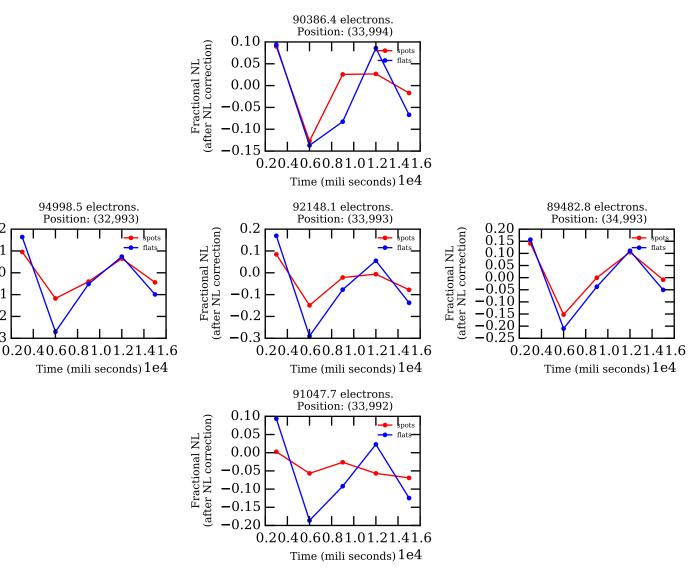


Time (mili seconds) 1e4

86550.8 electrons. Position: (32,929) 0.20 (after NL correction) 0.15 Fractional NL 0.10 0.05 0.00 -0.05-0.10-0.15-0.200.20.40.60.81.01.21.41.6 ${\rm Time\ (mili\ seconds)} 1e4$



88634.4 electrons.



94998.5 electrons.

0.2

0.1

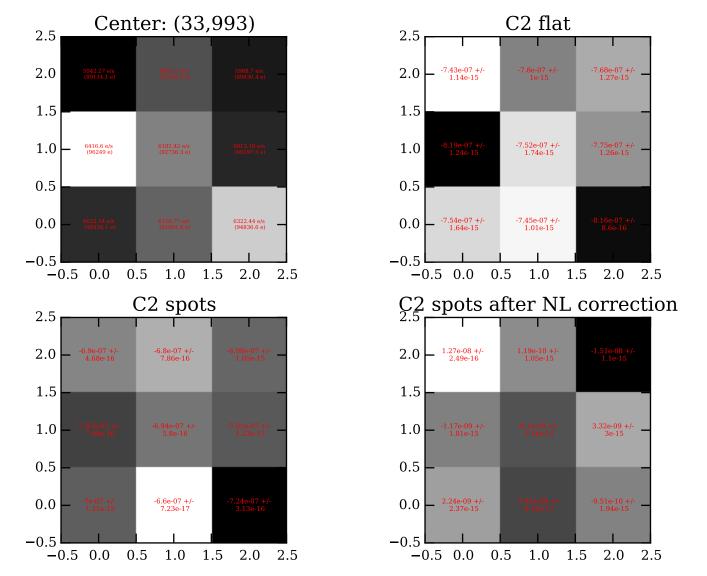
0.0

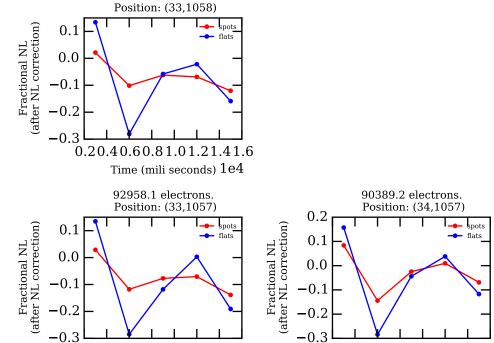
-0.1

-0.2

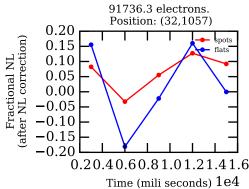
-0.3

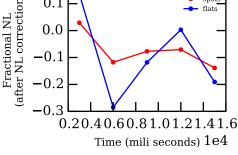
(after NL correction)



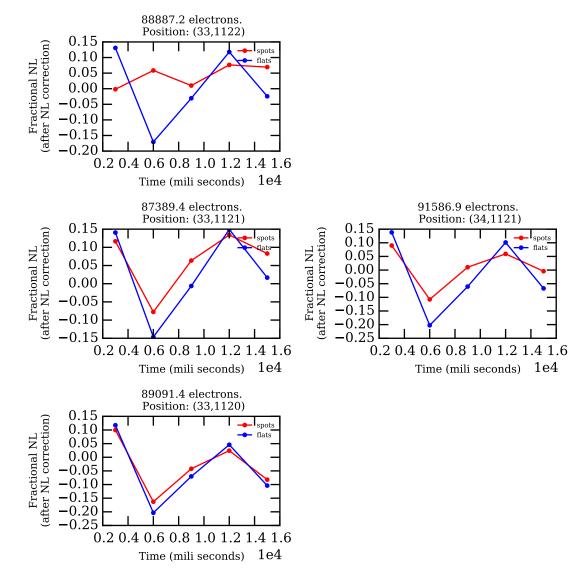


Time (mili seconds) 1e4

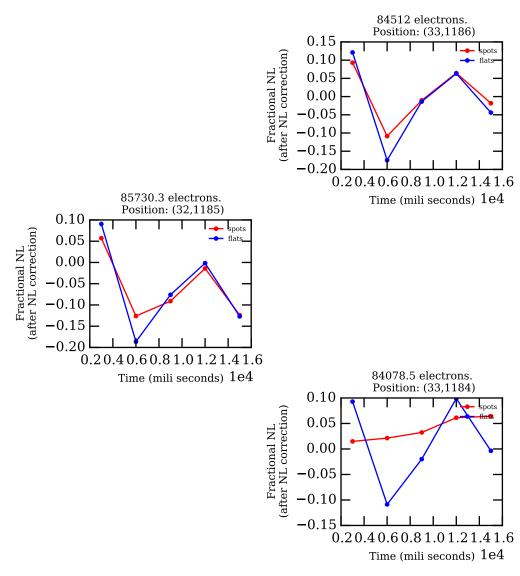


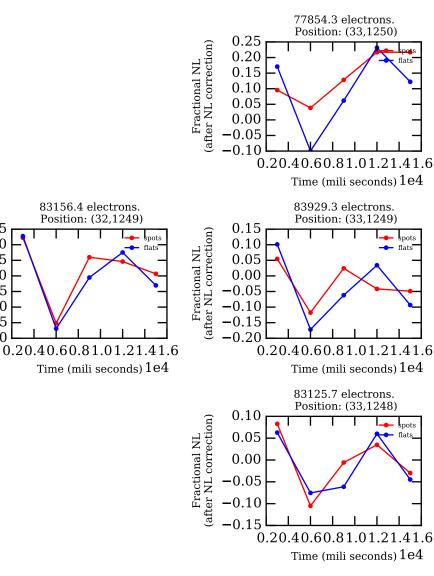


89631.7 electrons.



1e4





83156.4 electrons.

0.15

0.10

0.05

0.00

-0.05

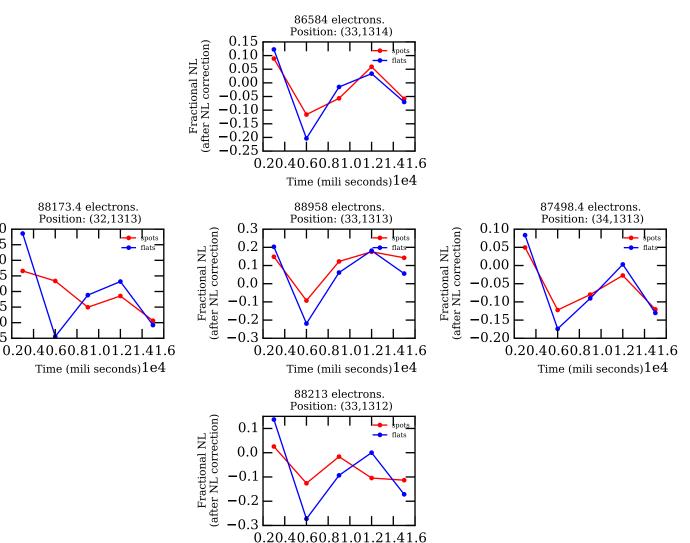
-0.10

-0.15-0.20

(after NL correction)

Fractional NL

Position: (32,1249)



Time (mili seconds) 1e4

88173.4 electrons.

0.10

0.05

0.00

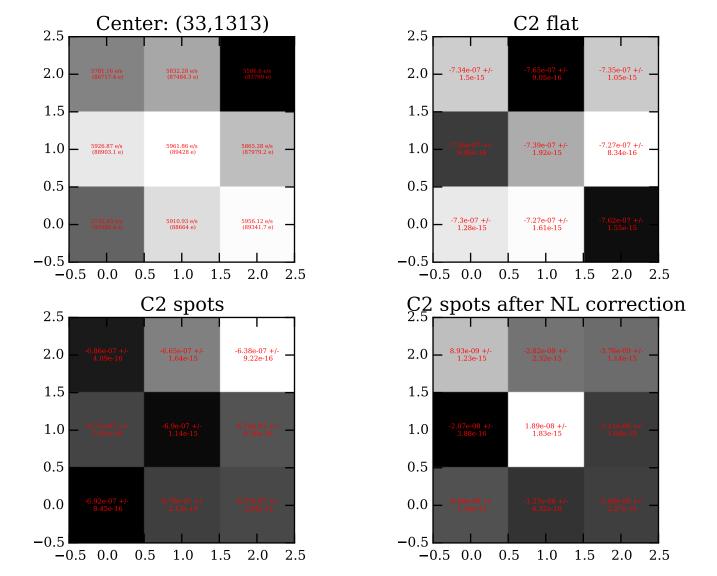
-0.05

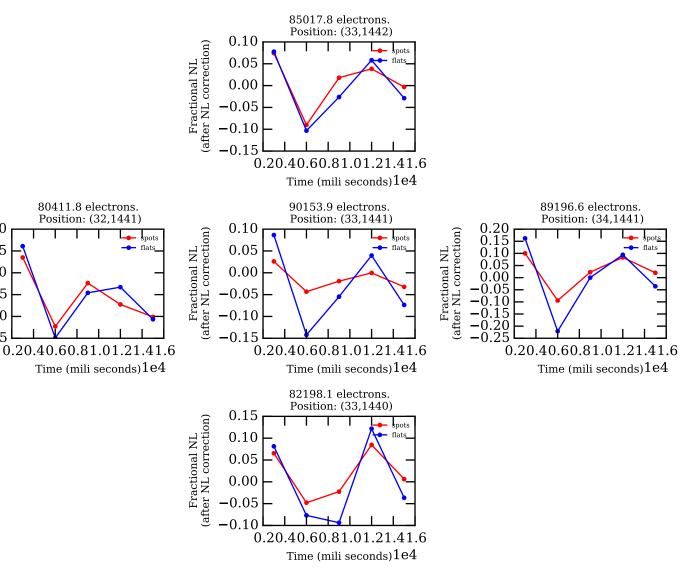
-0.10

-0.15

-0.20-0.25

(after NL correction)





0.05

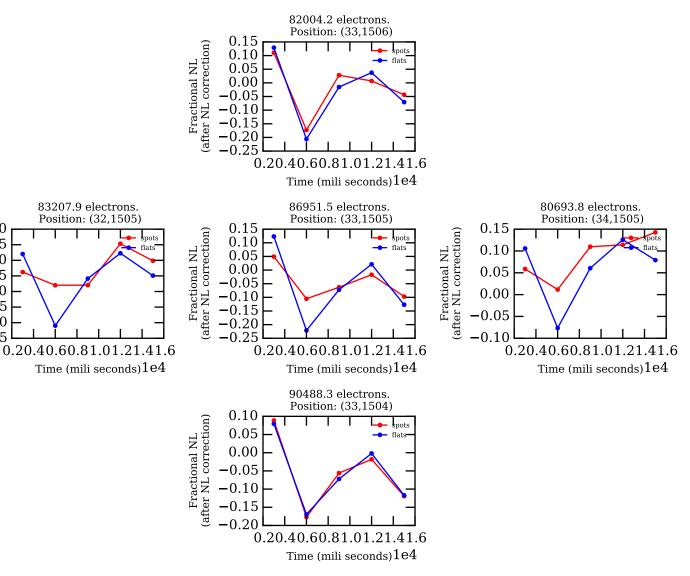
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.15

0.10

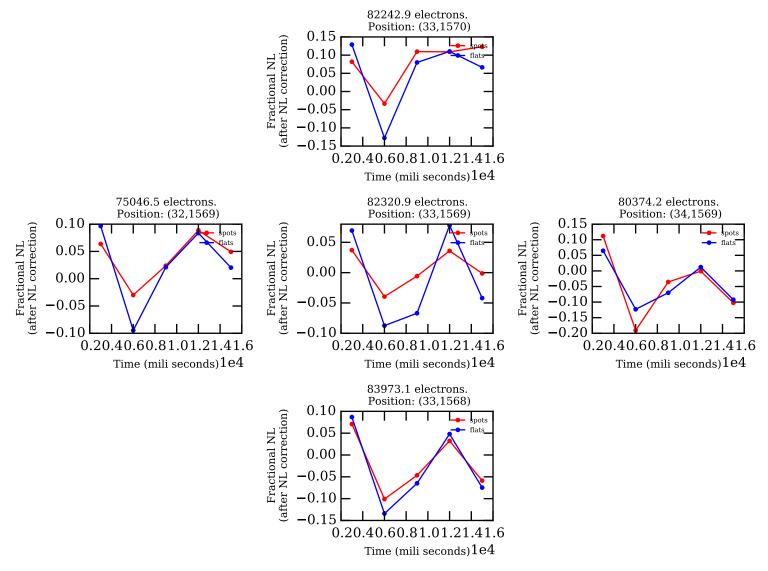
 $0.05 \\ 0.00$

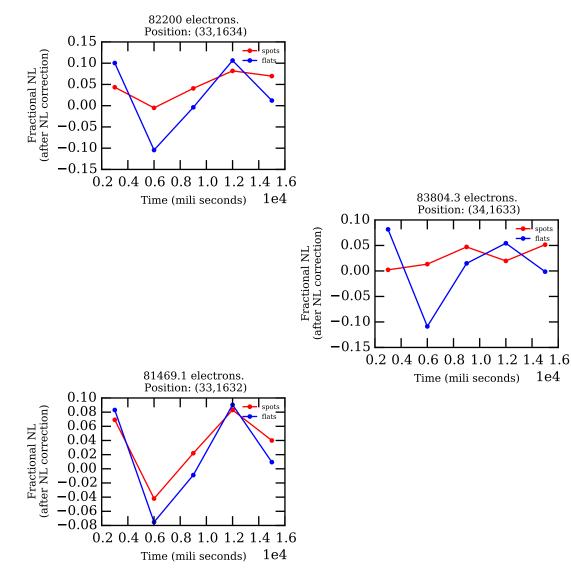
-0.05

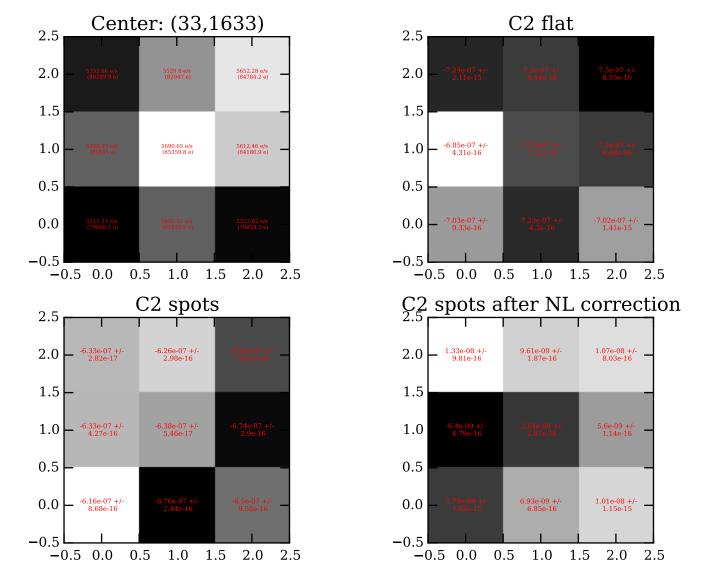
-0.10

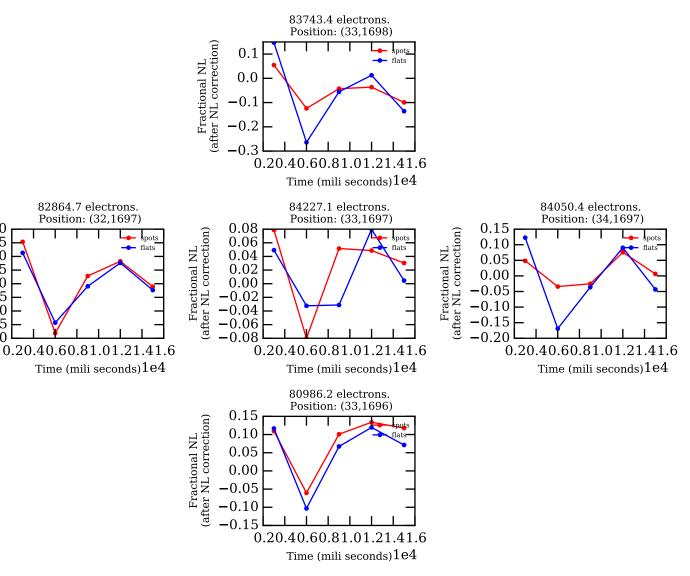
-0.15

(after NL correction)









82864.7 electrons.

0.20

0.15

0.10

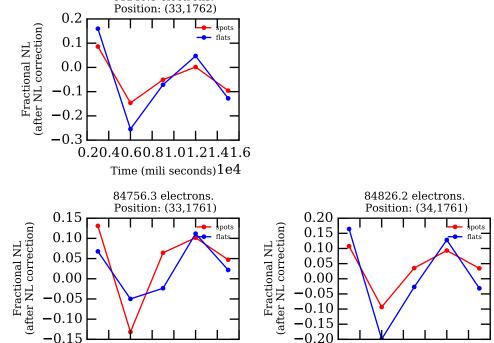
0.05

0.00

-0.05

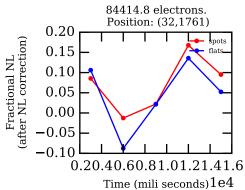
-0.15-0.20

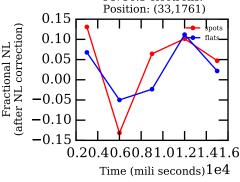
(after NL correction)



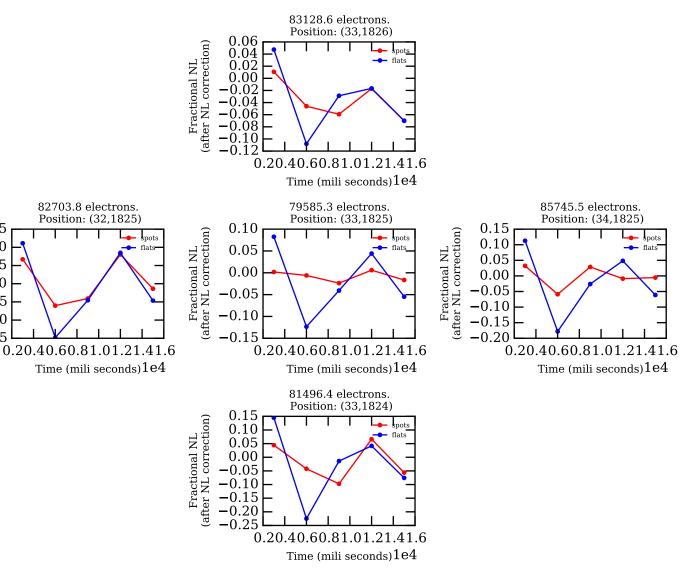
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





81240.5 electrons.



0.10

0.05

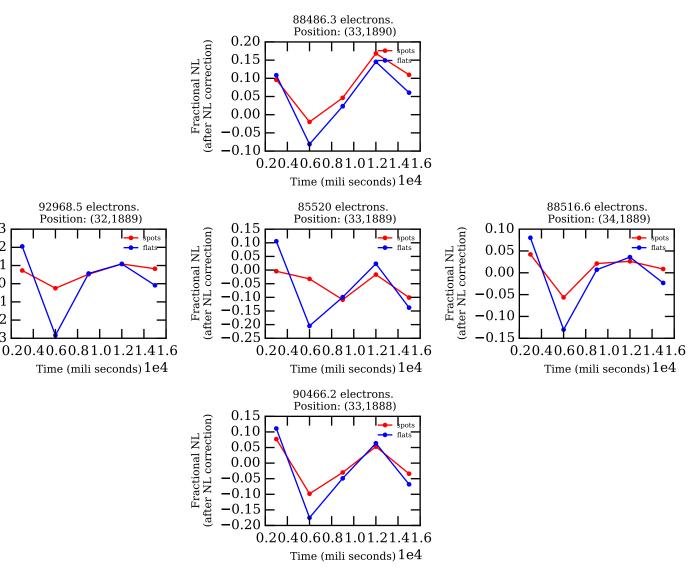
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.2

0.1

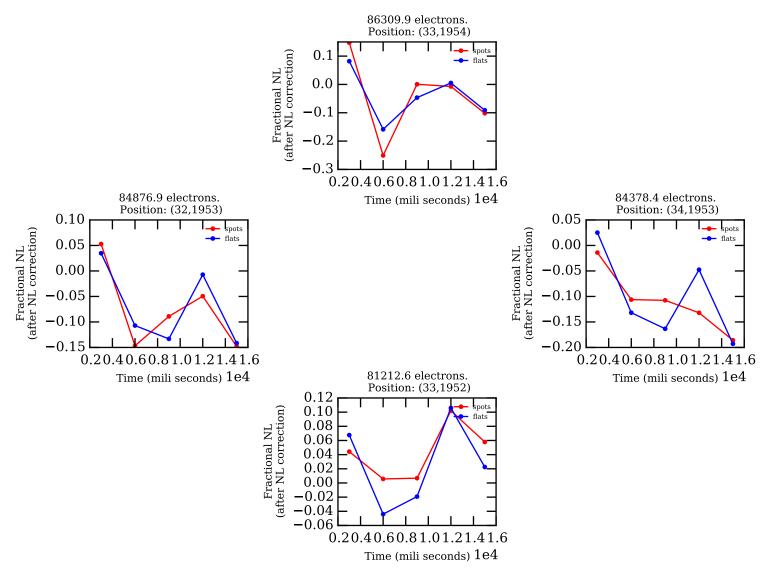
0.0

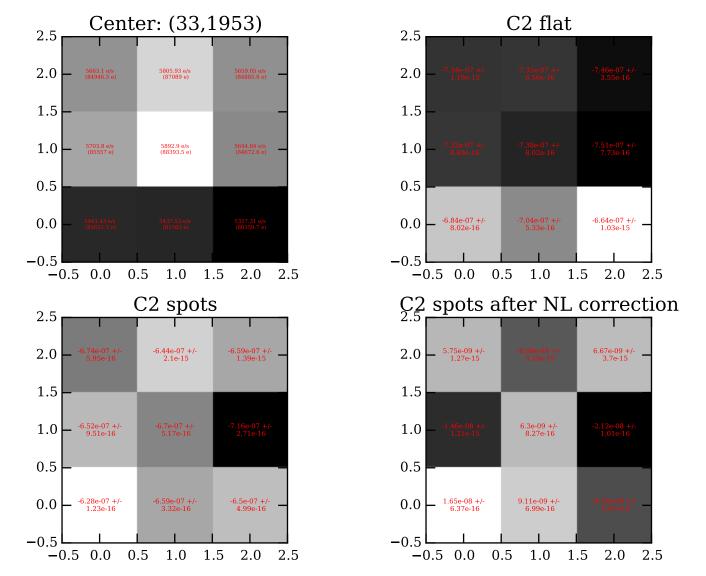
-0.1

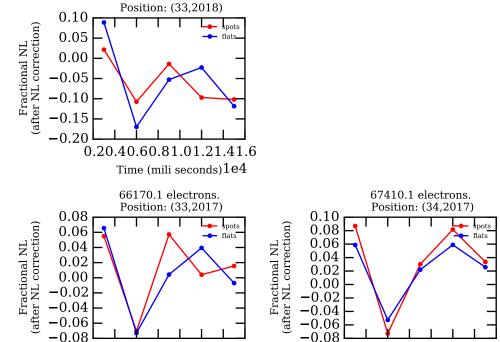
-0.2

-0.3

(after NL correction)

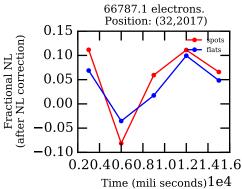


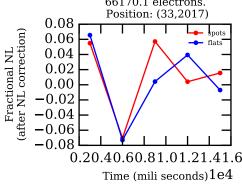




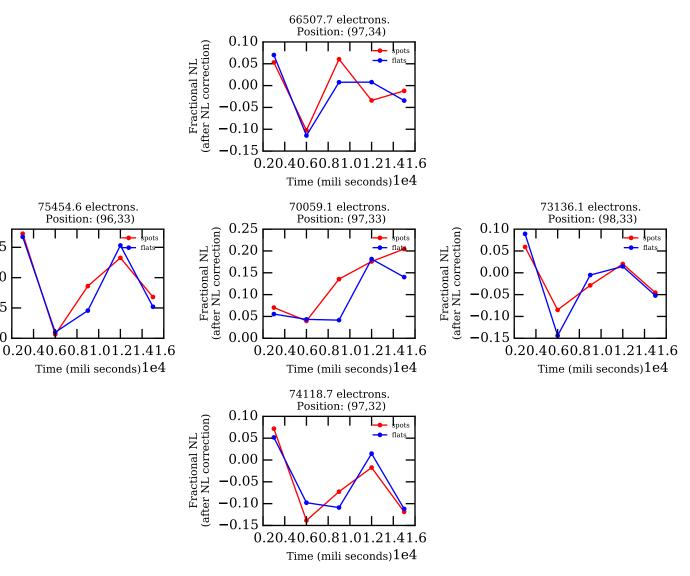
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





65895.2 electrons.



75454.6 electrons.

Fractional NL (after NL correction)

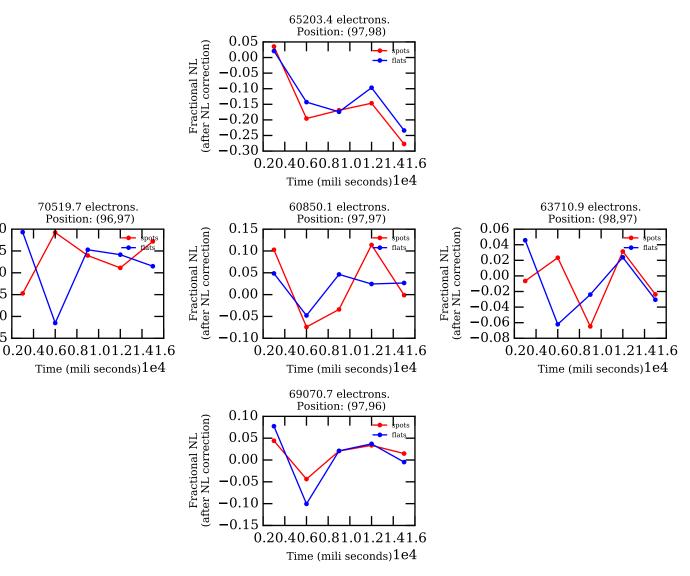
0.05

0.00

-0.05

-0.10

Position: (96,33)



0.05

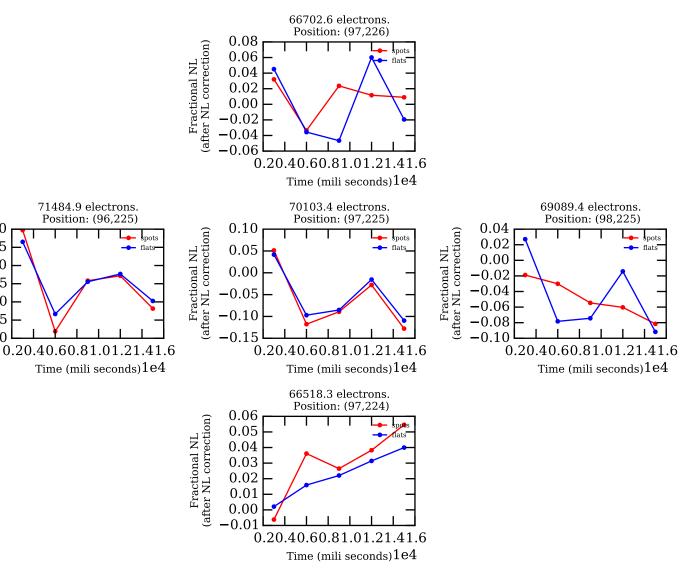
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

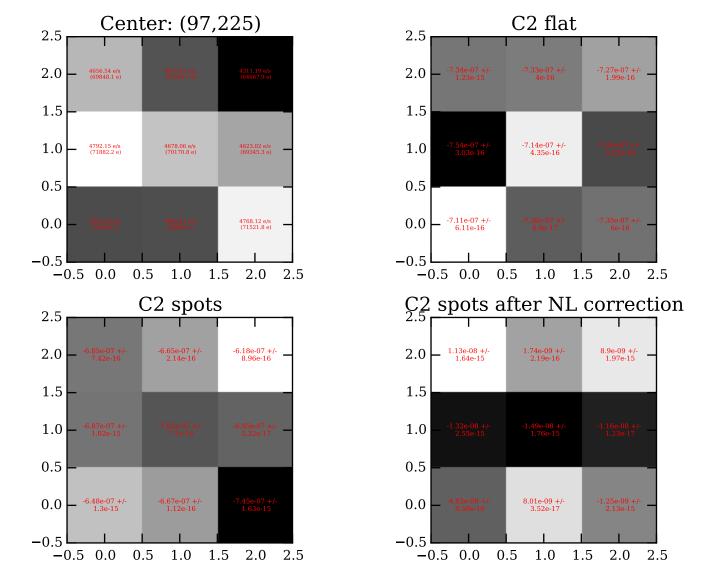
-0.05

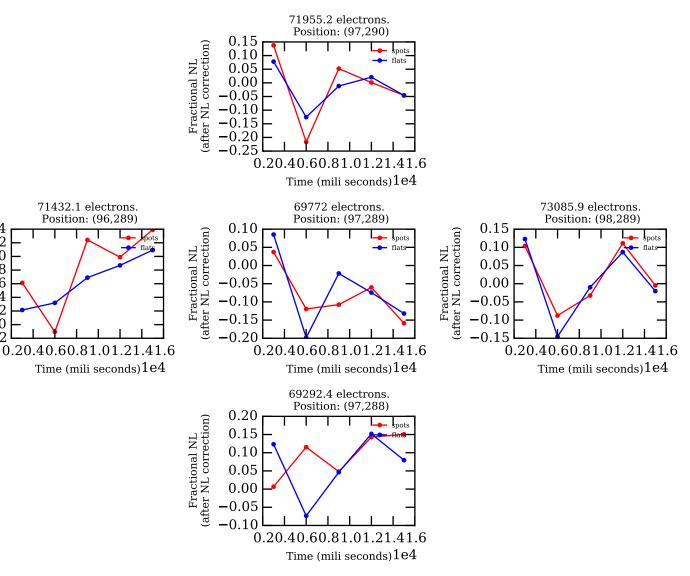
-0.10

-0.15

-0.20

(after NL correction)





0.12

0.10

 $\begin{array}{c} 0.08 \\ 0.06 \end{array}$

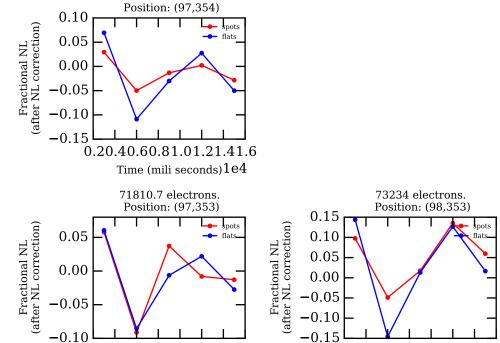
0.04

0.02

0.00

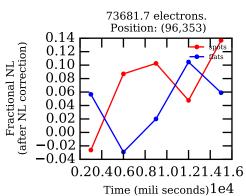
-0.02

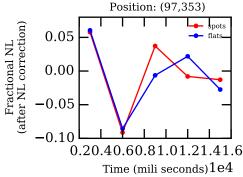
(after NL correction)



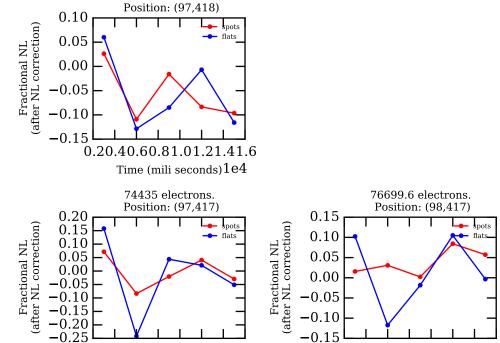
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4



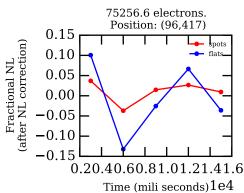


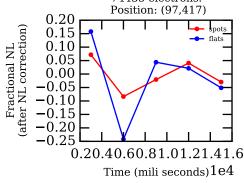
74750 electrons.



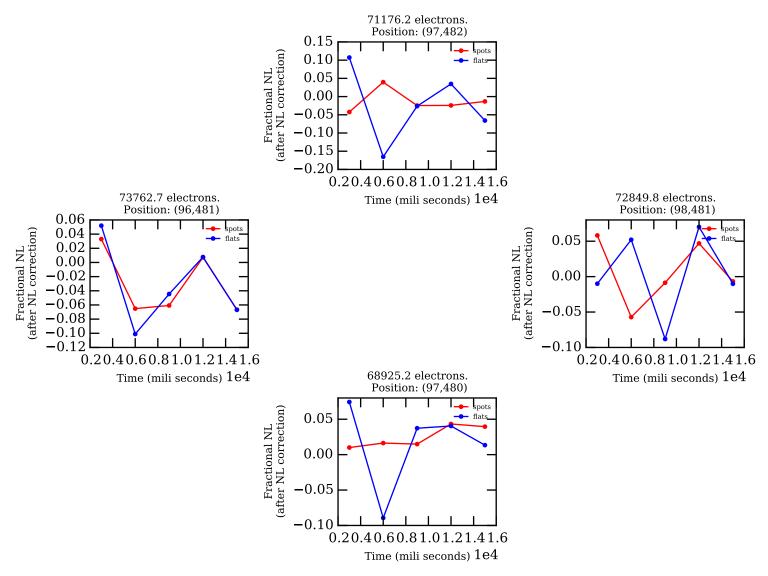
0.20.40.60.81.01.21.41.6

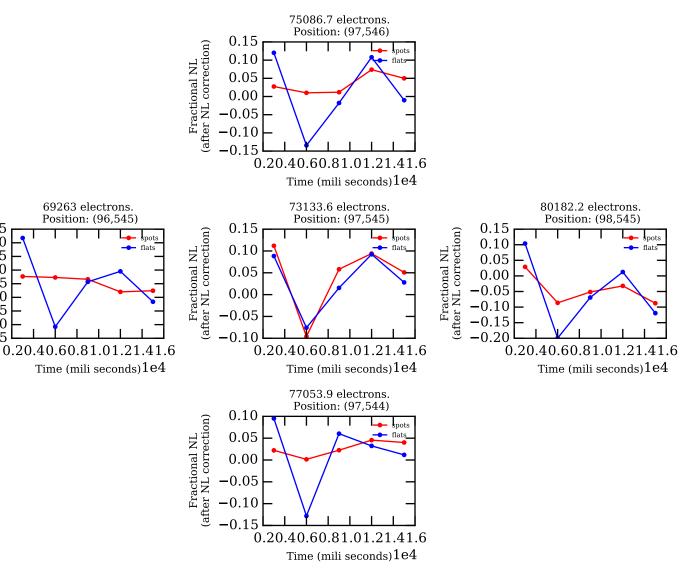
Time (mili seconds) 1e4





72913.8 electrons.





0.10

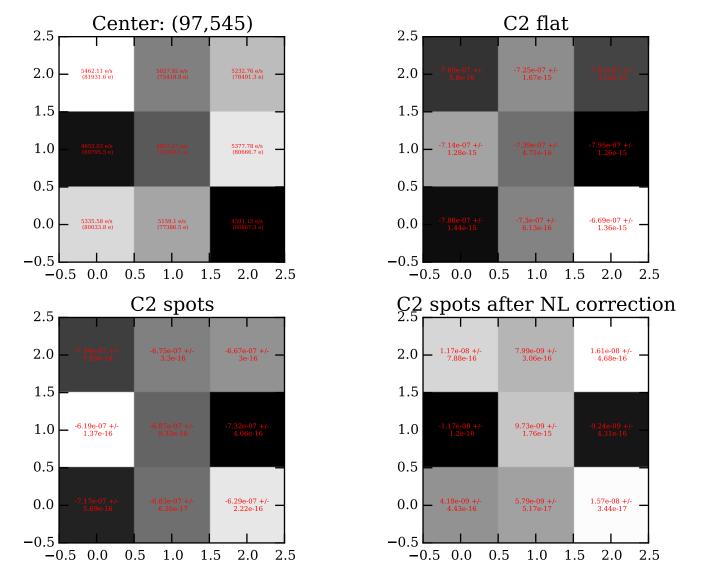
0.05

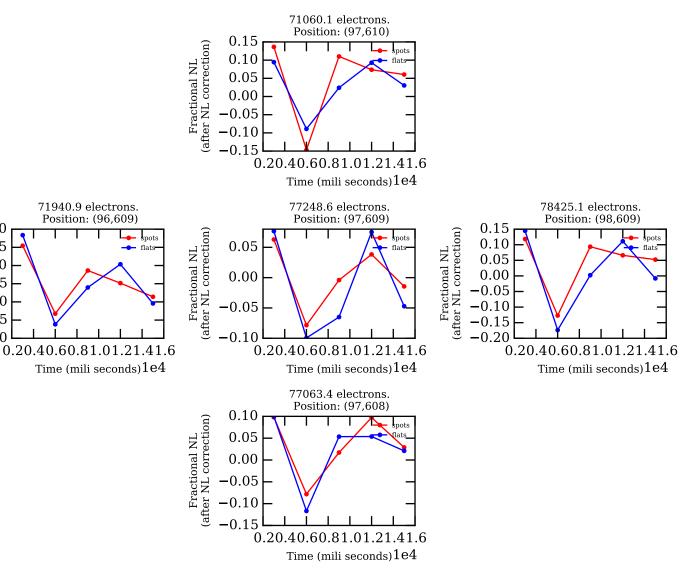
0.00

-0.05

-0.25

(after NL correction)





0.05

0.00

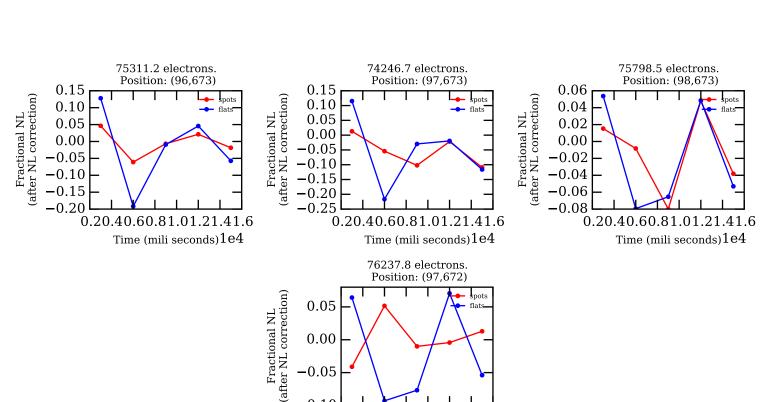
-0.05

-0.10

-0.15

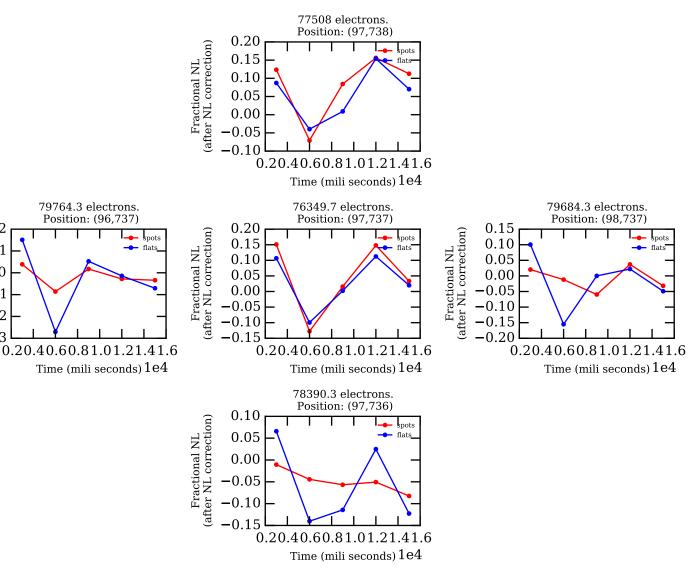
-0.20

(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.10



79764.3 electrons.

Position: (96,737)

0.2

0.1

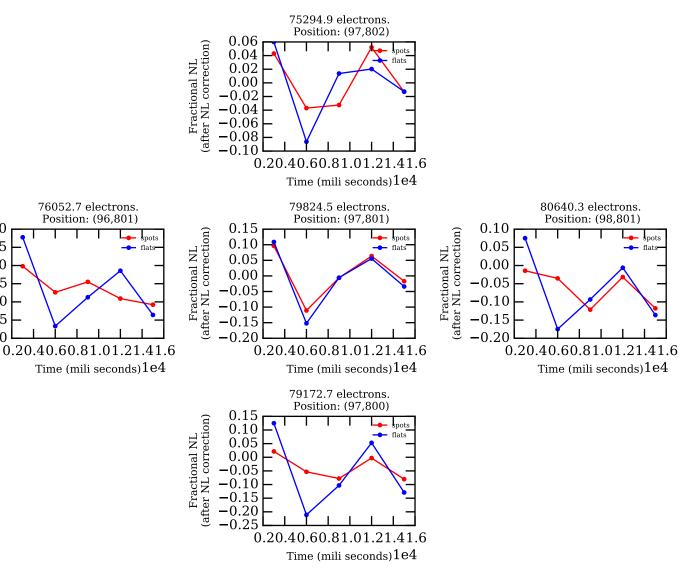
0.0

-0.1

-0.2

-0.3

(after NL correction)



0.05

0.00

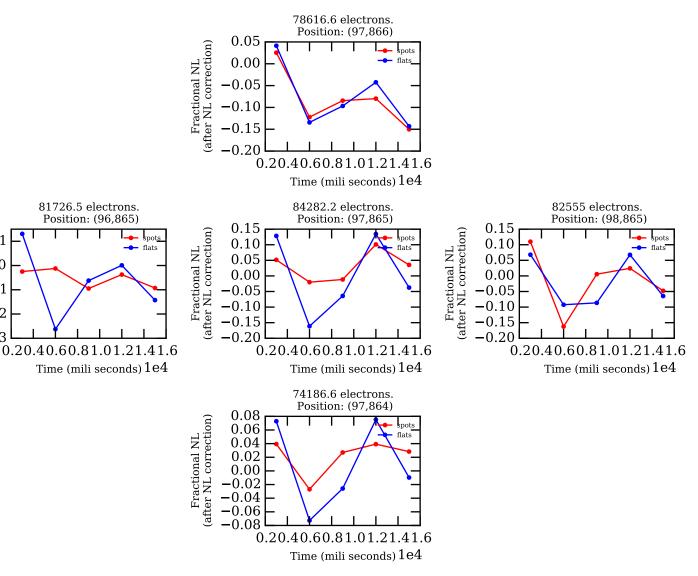
-0.05

-0.10

-0.15

-0.20

(after NL correction)



81726.5 electrons.

Position: (96,865)

(after NL correction)

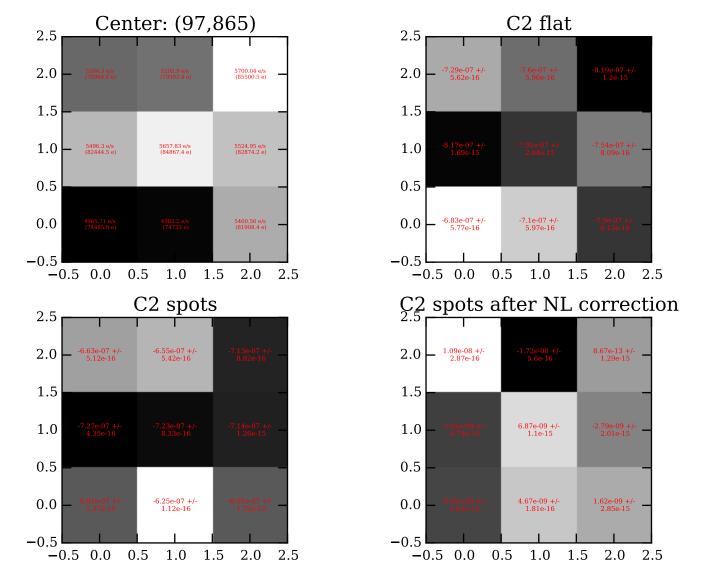
Fractional NL

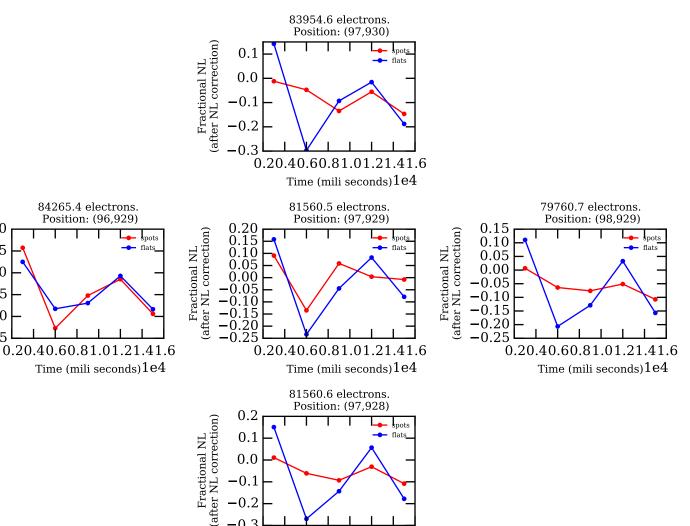
0.1

0.0

-0.1

-0.2





84265.4 electrons. Position: (96,929)

-0.3

0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

0.10

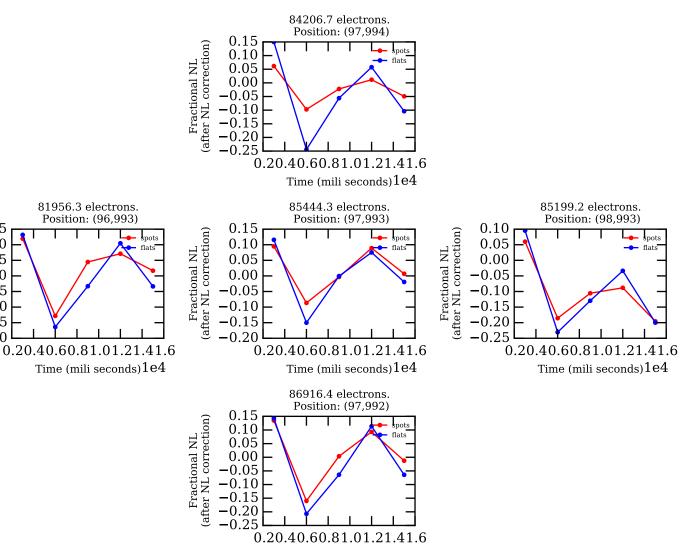
0.05

0.00

-0.05-0.10

-0.15

(after NL correction)



Time (mili seconds) 1e4

81956.3 electrons.

Position: (96,993)

0.15

0.10

0.05

0.00

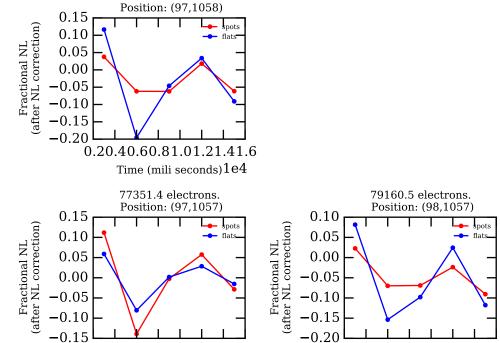
-0.05

-0.10

-0.15

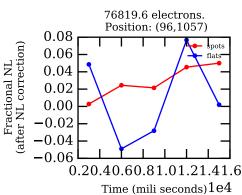
-0.20

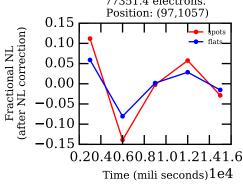
(after NL correction)



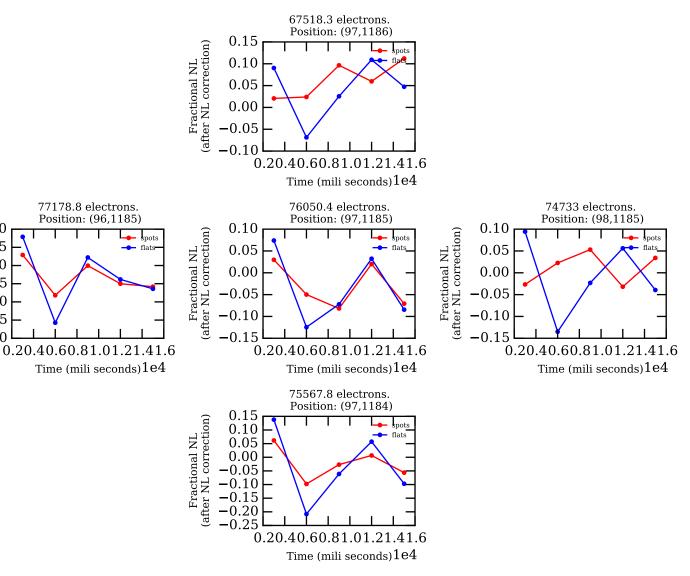
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





80397.1 electrons.



0.05

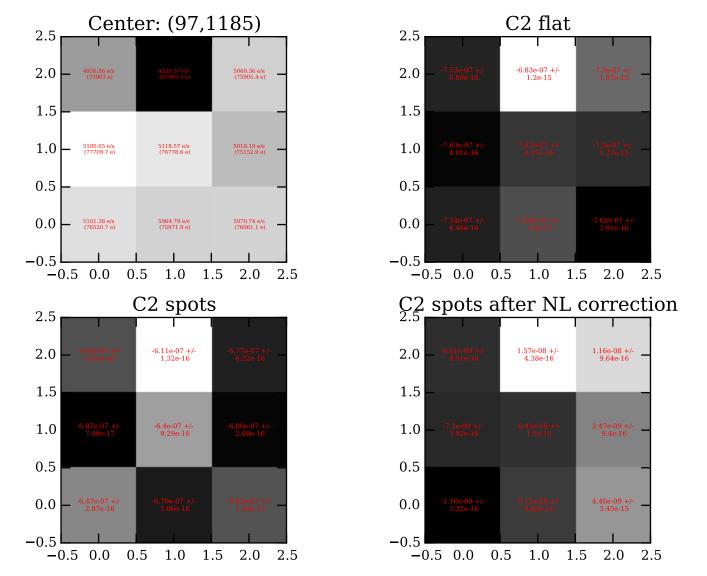
0.00

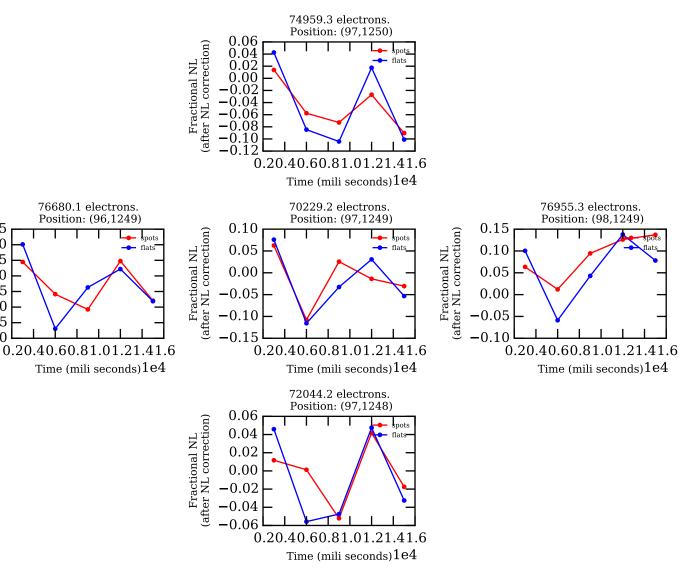
-0.05

-0.10

-0.15 -0.20

(after NL correction)





0.10

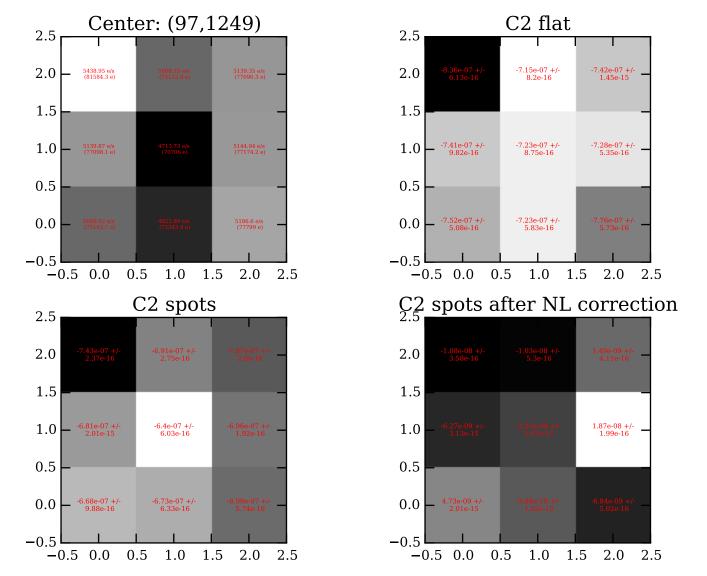
0.05

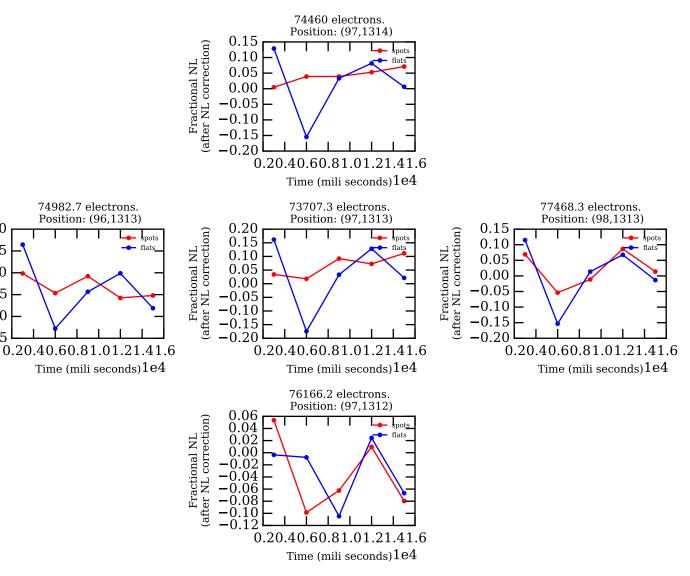
 $0.00 \\ -0.05$

-0.10

-0.15 -0.20

(after NL correction)





0.05

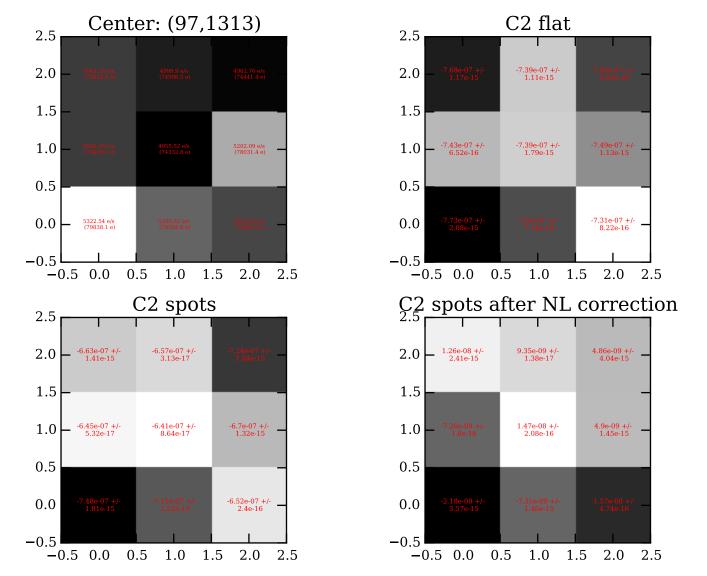
0.00

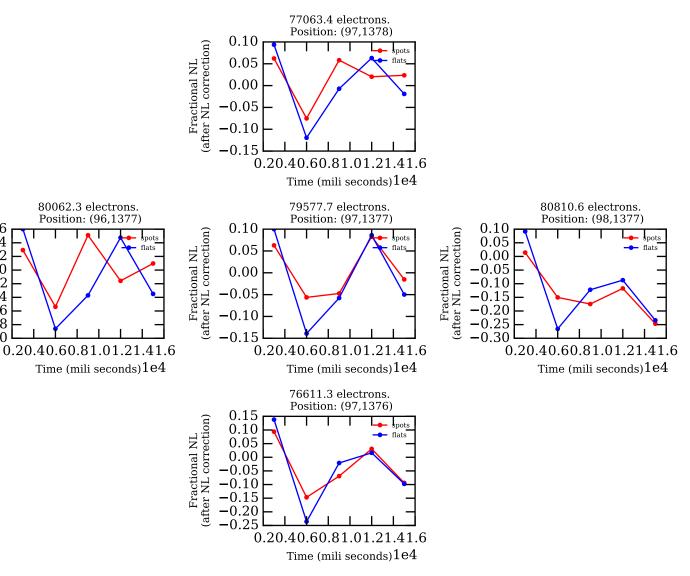
-0.05

-0.10

-0.15

(after NL correction)





0.04

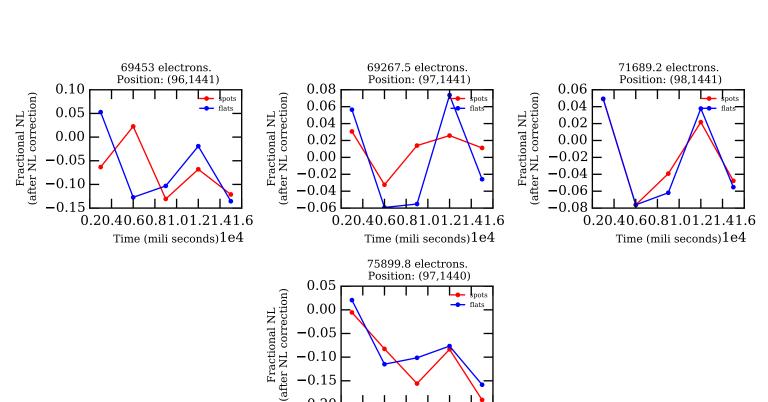
0.02

0.00

-0.04 -0.06

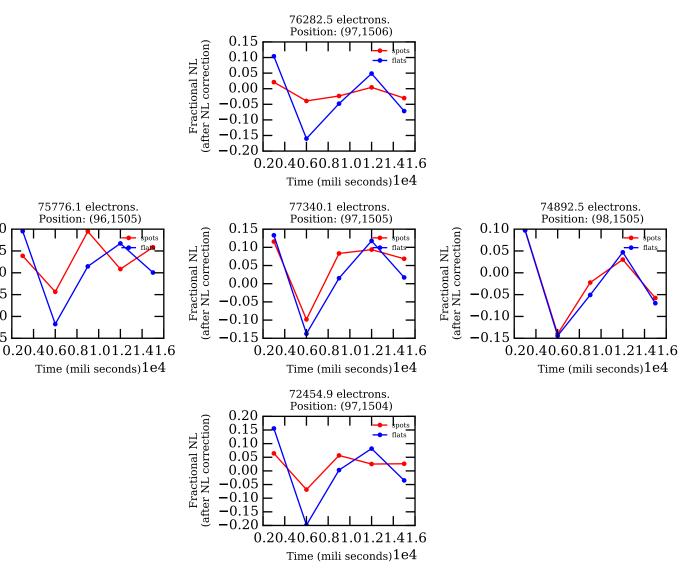
-0.08

(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

-0.15-0.20



0.05

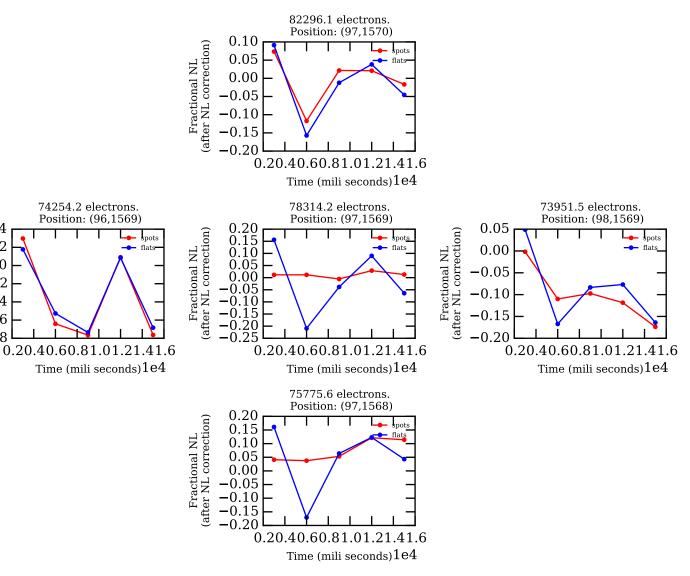
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.02

0.00

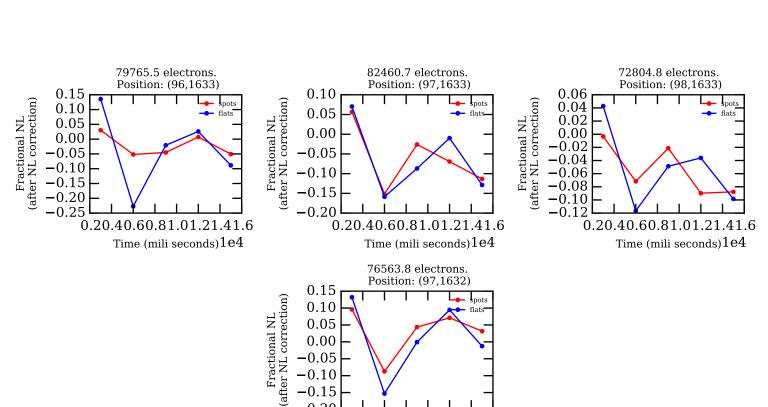
-0.02

-0.04

-0.06

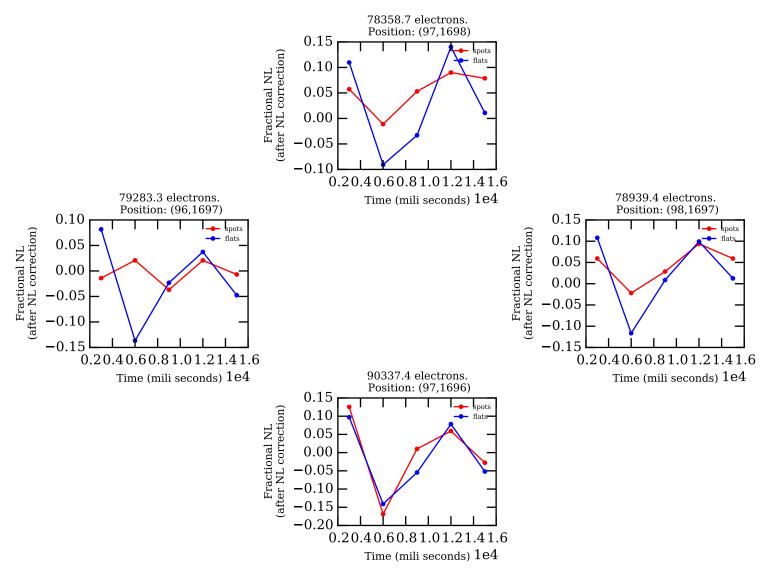
-0.08

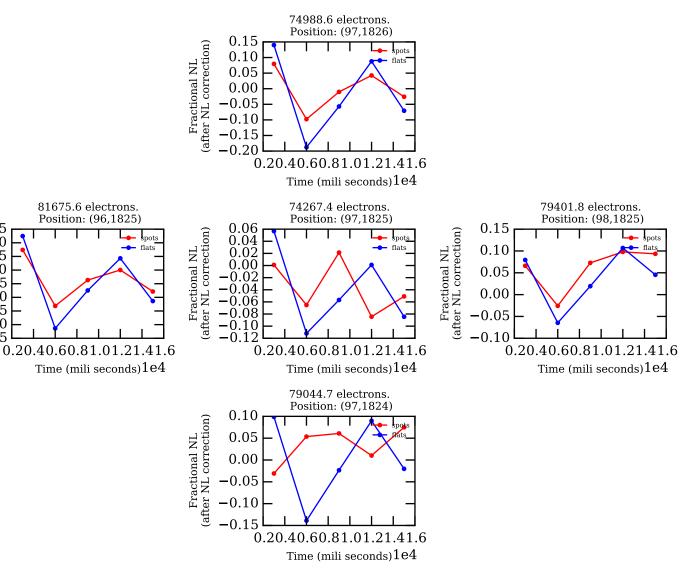
(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.20





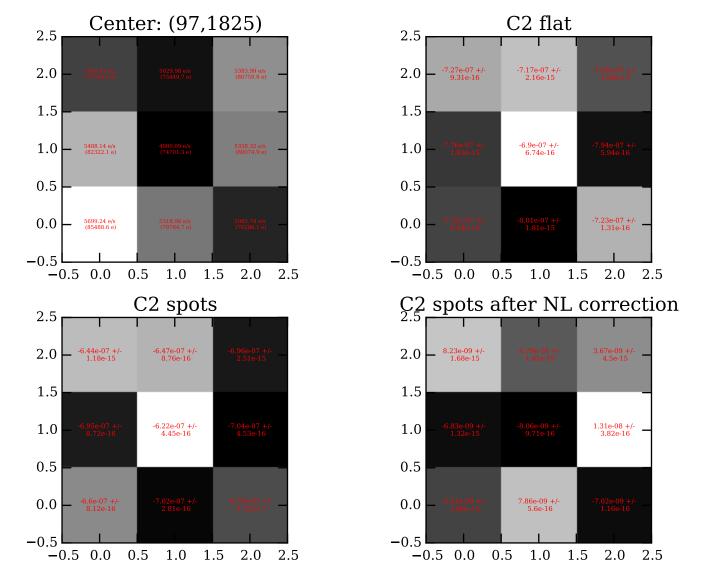
0.10

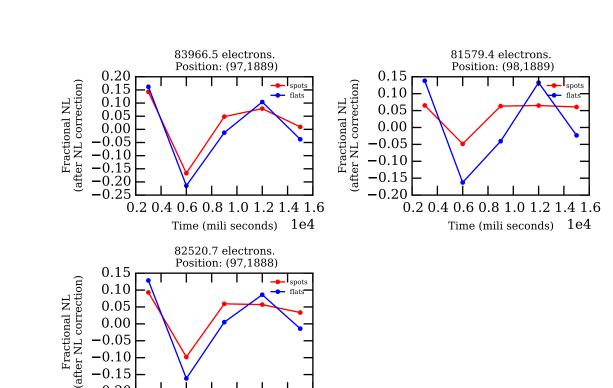
 $\begin{array}{c} 0.05 \\ 0.00 \end{array}$

-0.05

-0.25

(after NL correction)

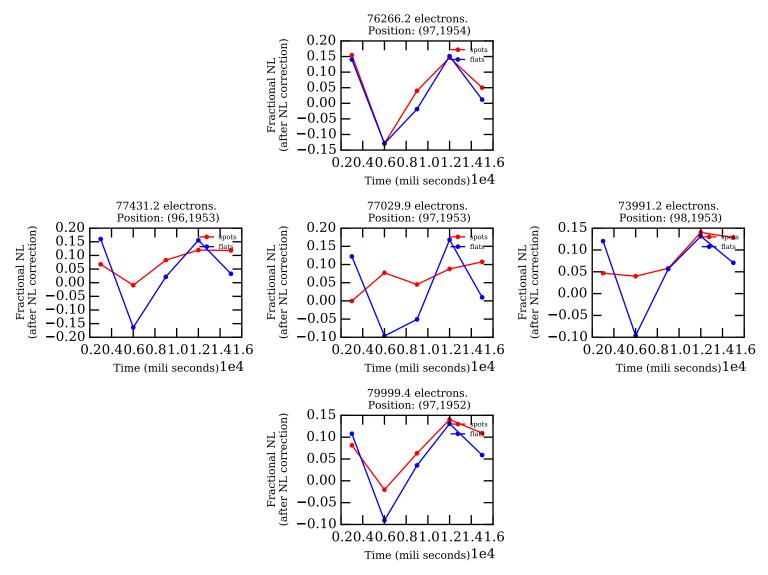


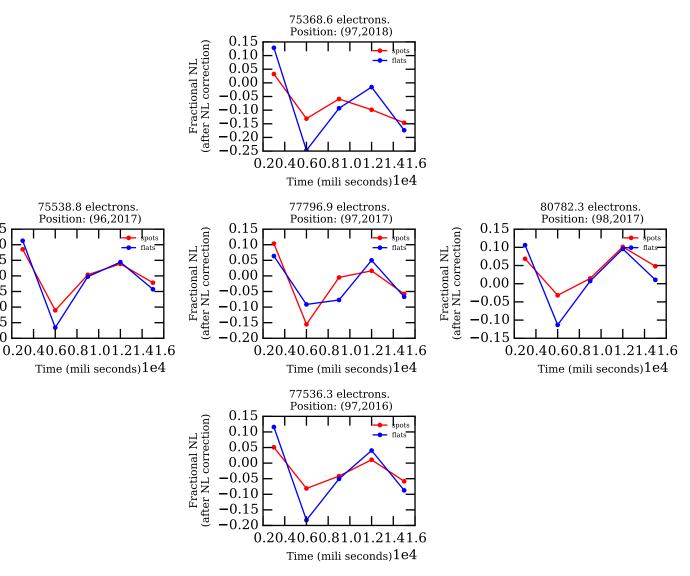


1e4

-0.20

0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 Time (mili seconds)





0.10

0.05

0.00

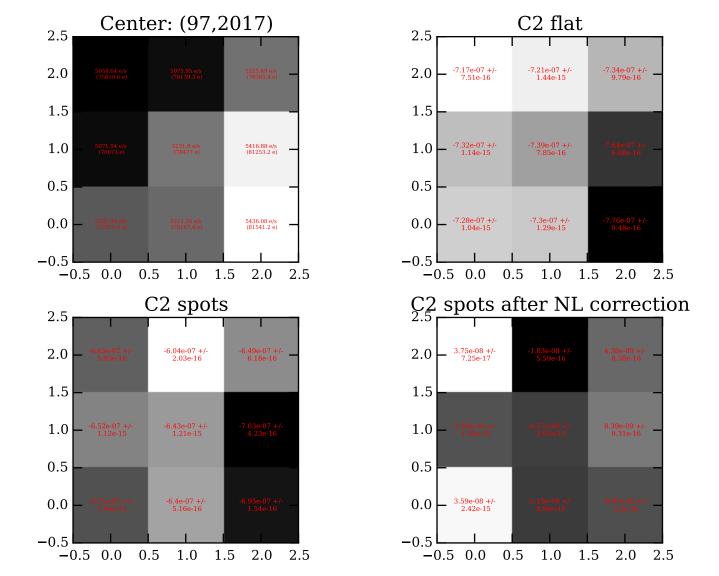
-0.05

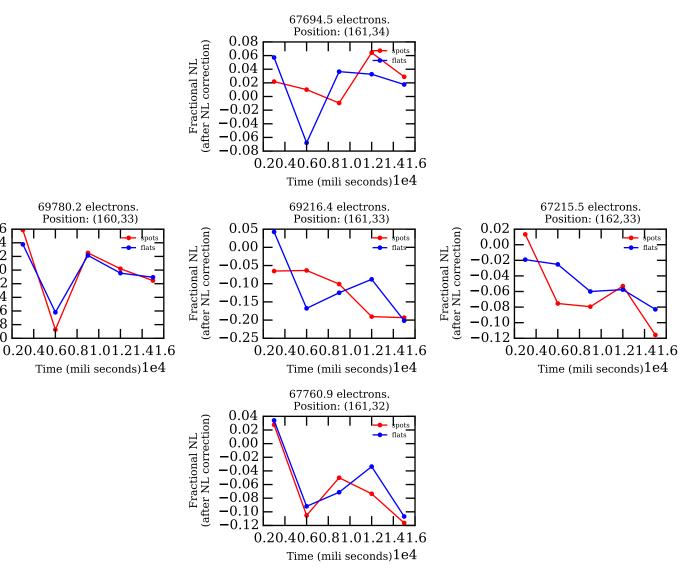
-0.10

-0.15

-0.20

(after NL correction)





0.04

0.02

0.00

-0.02

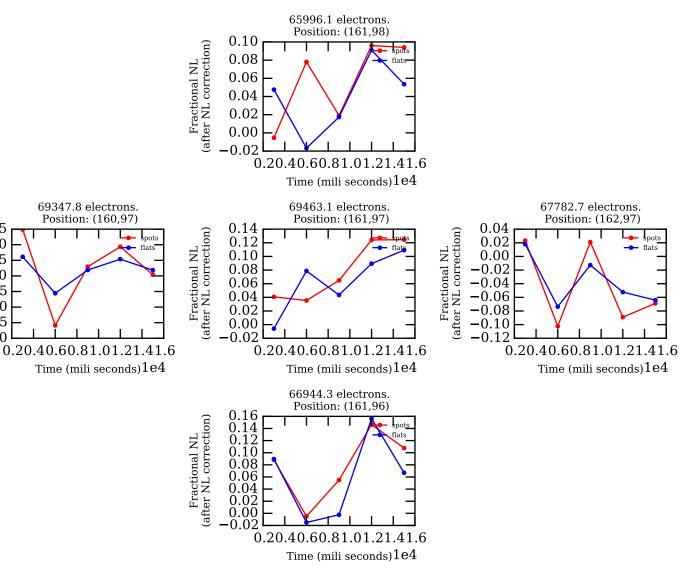
-0.04

-0.06

-0.08

-0.10

(after NL correction)



0.10

0.05

0.00

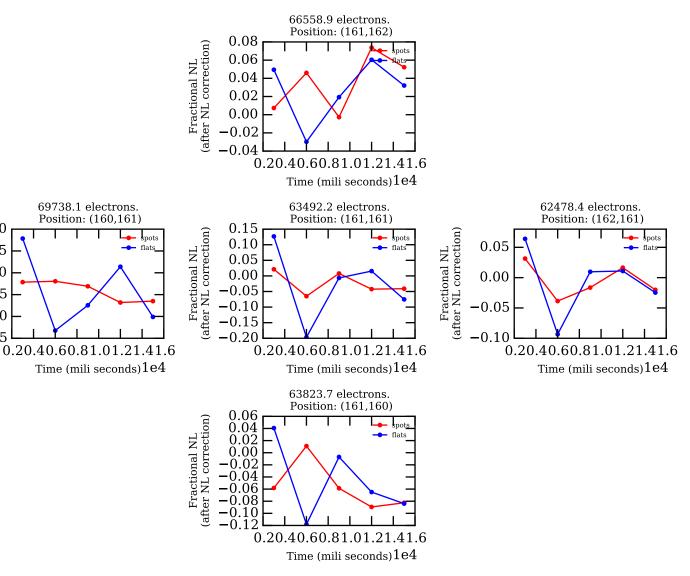
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.05

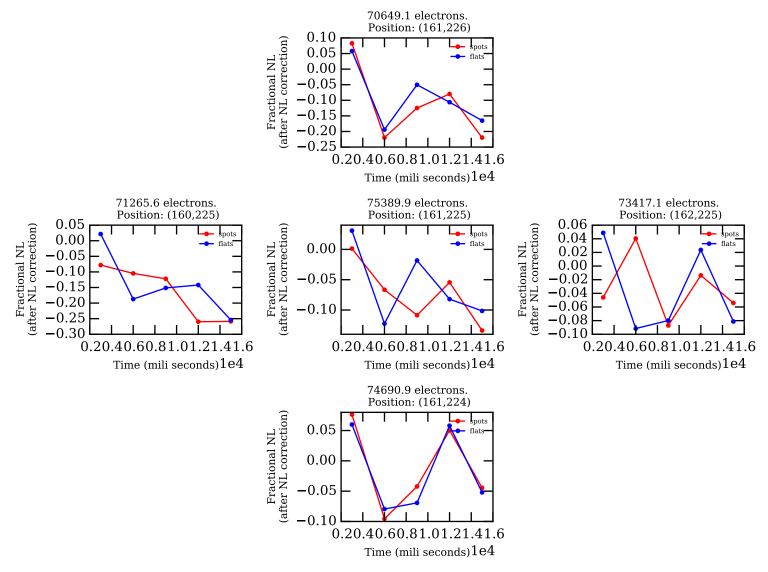
0.00

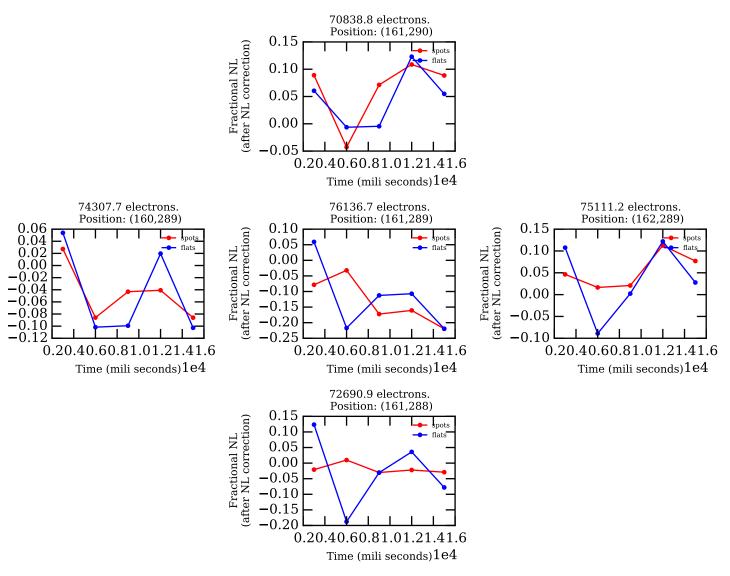
-0.05

-0.10

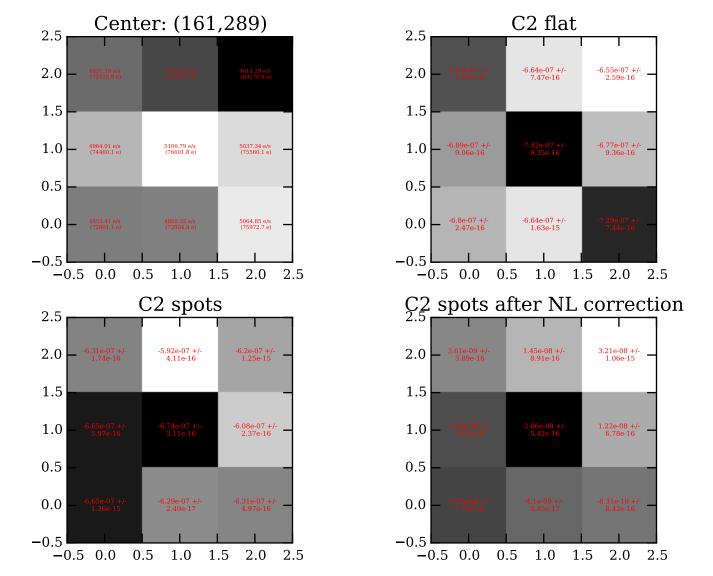
-0.15

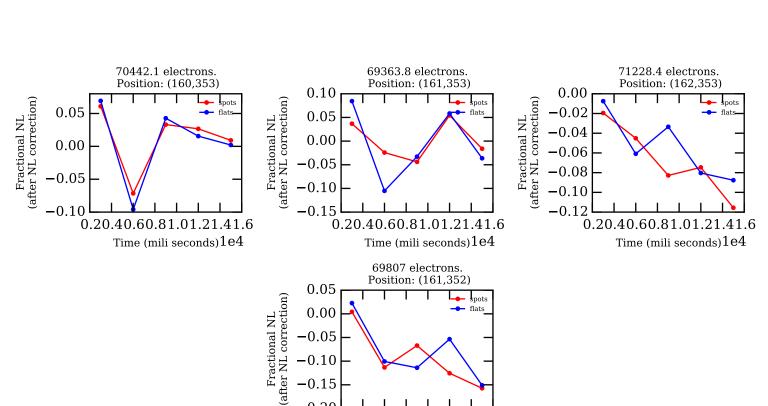
(after NL correction)





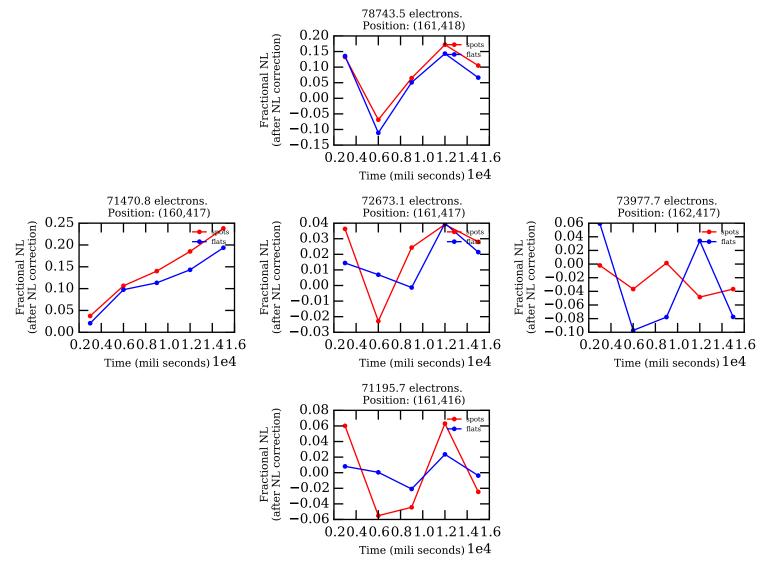
(after NL correction)

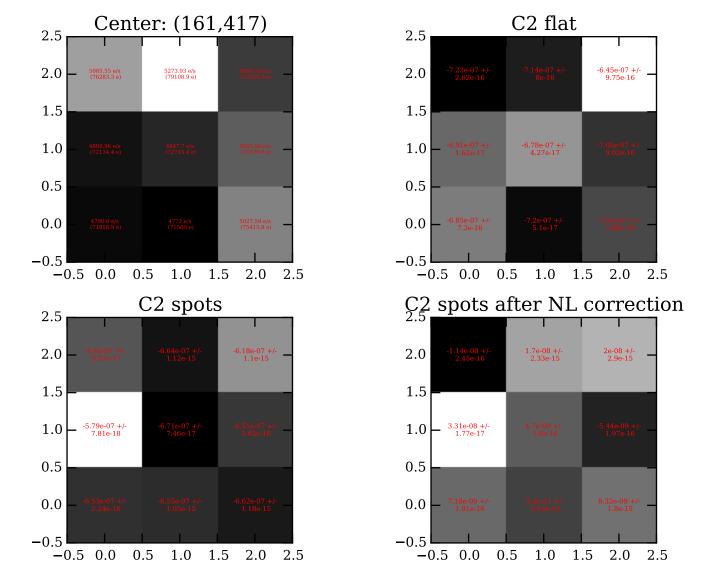


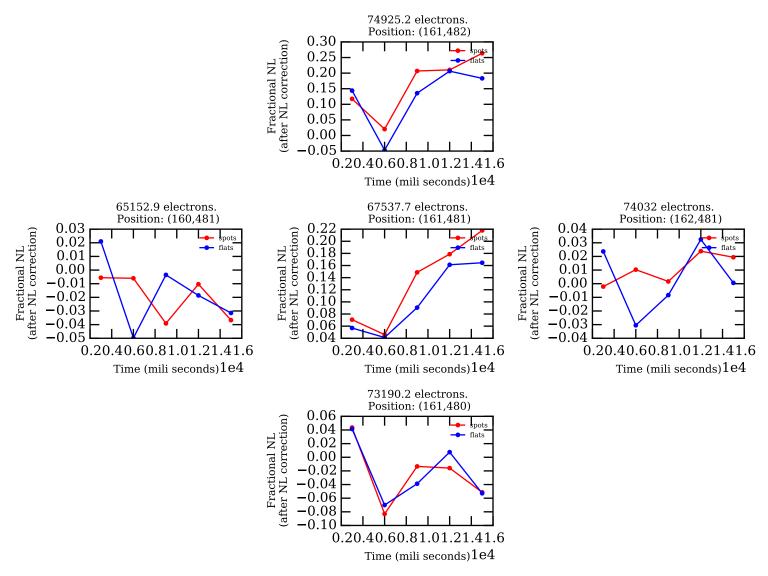


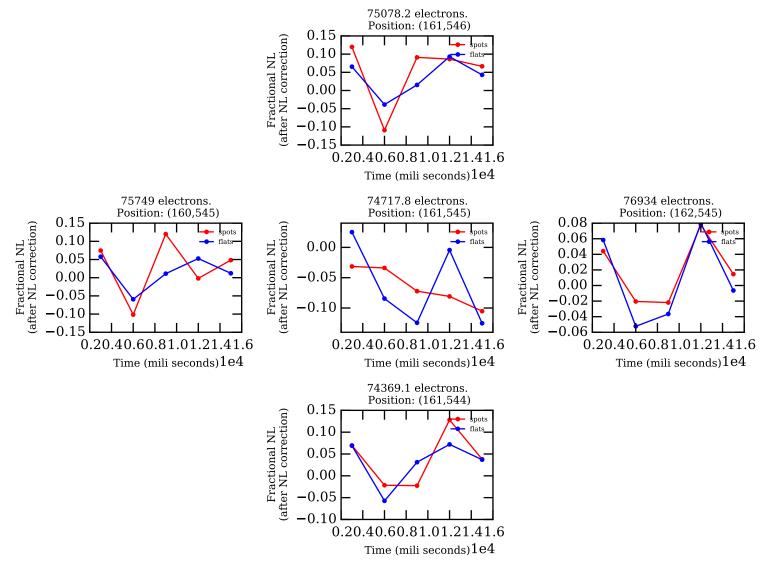
0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

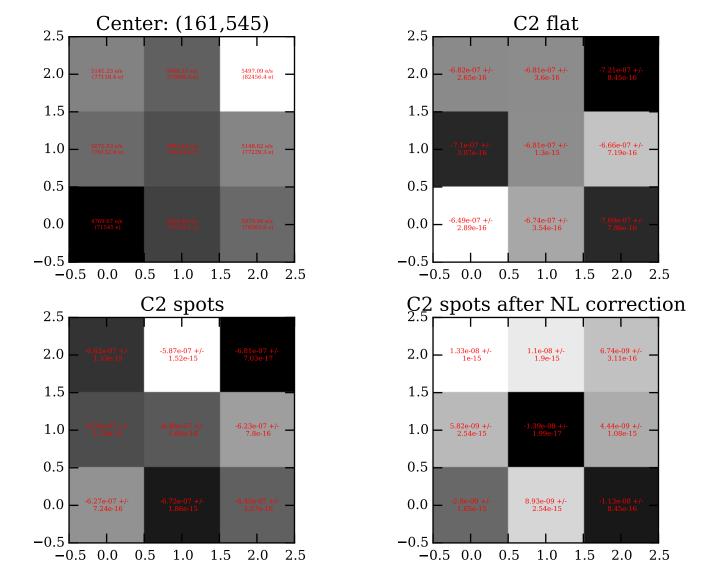
-0.15-0.20

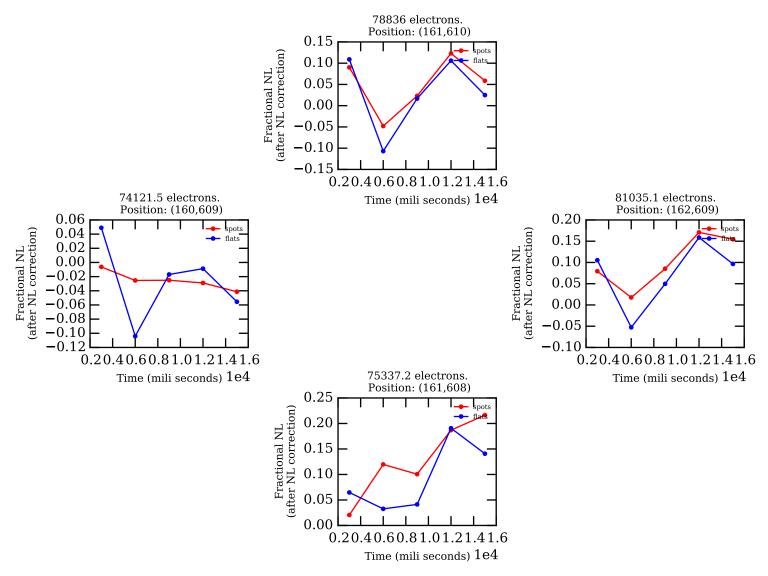


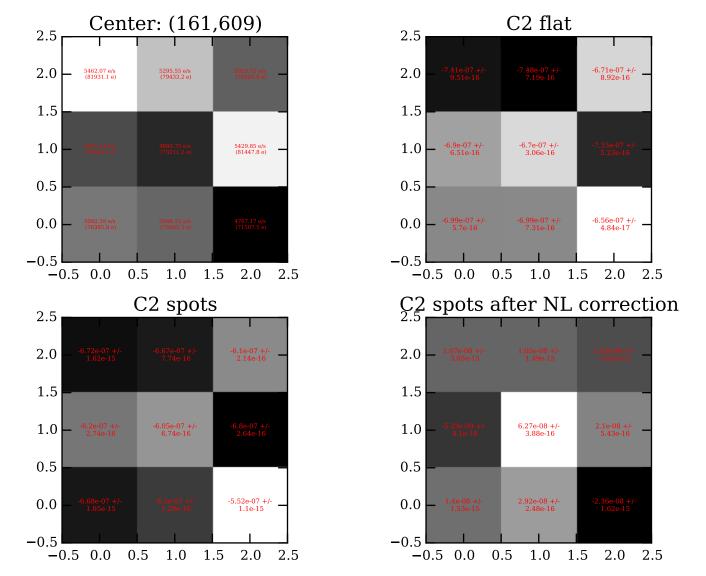


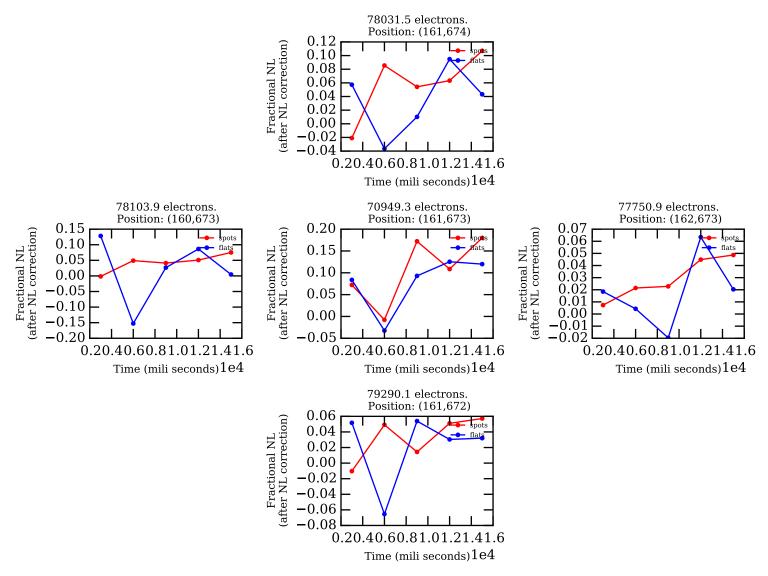


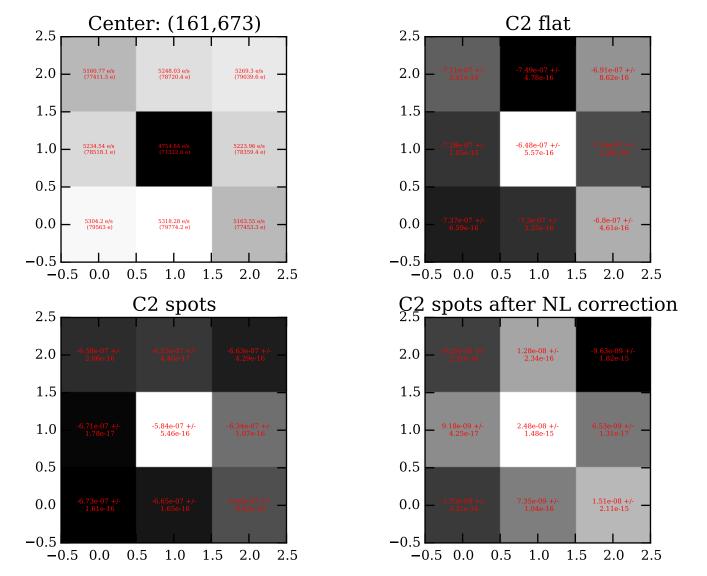


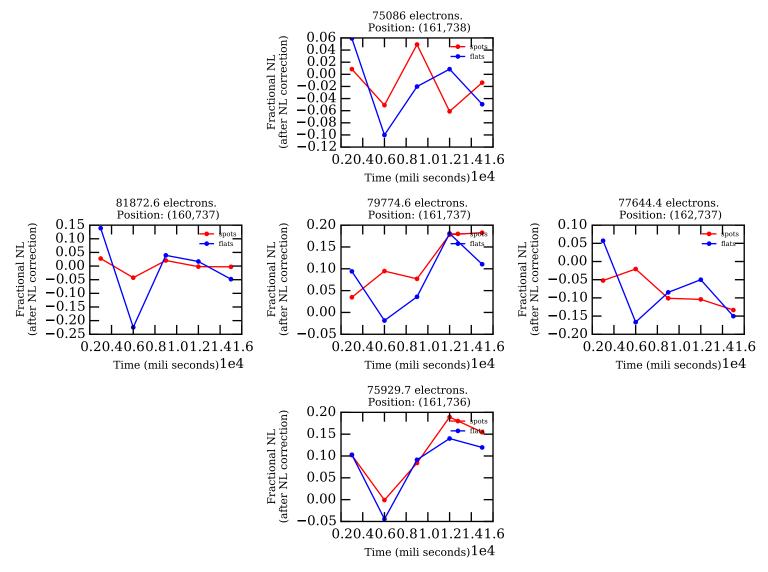


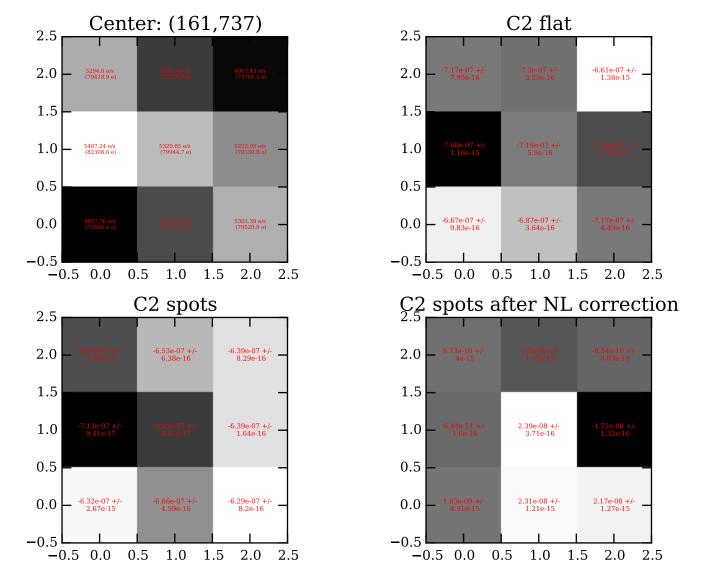


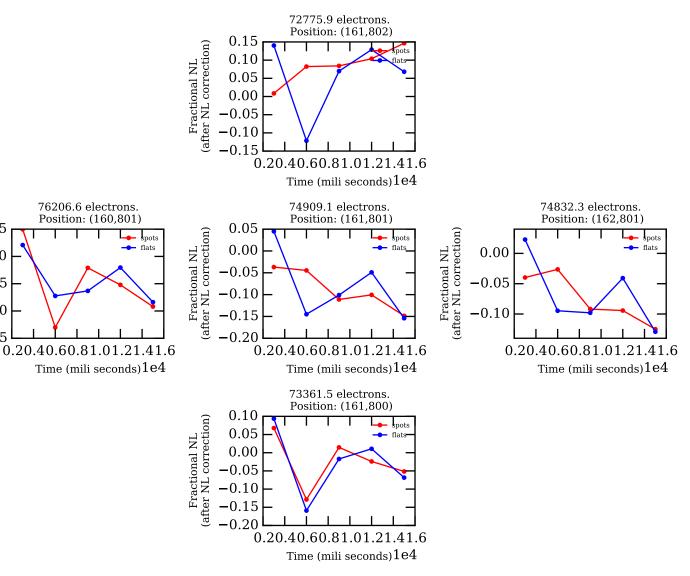












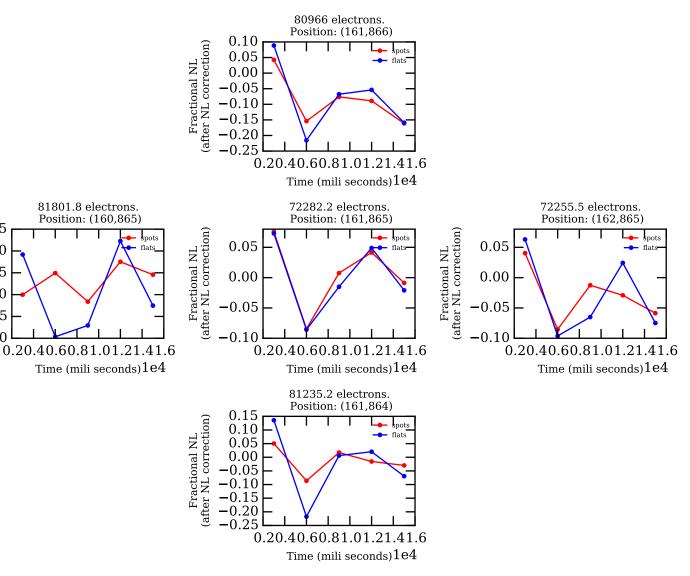
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

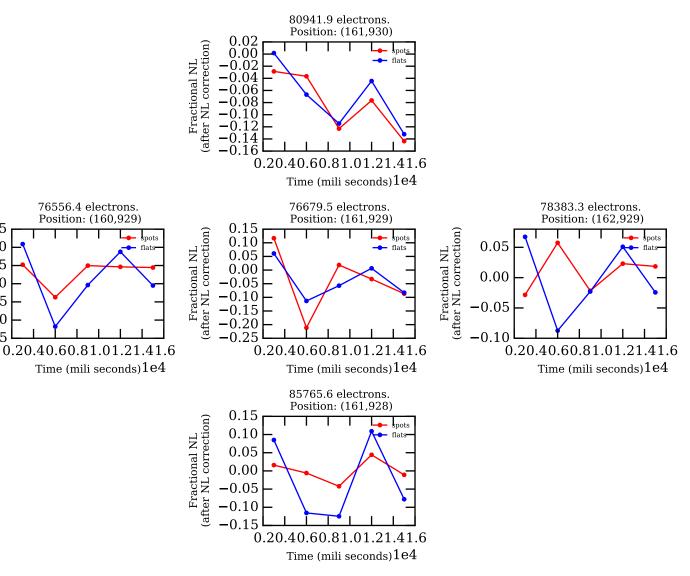
0.05

0.00

-0.05

-0.10

(after NL correction)



0.10

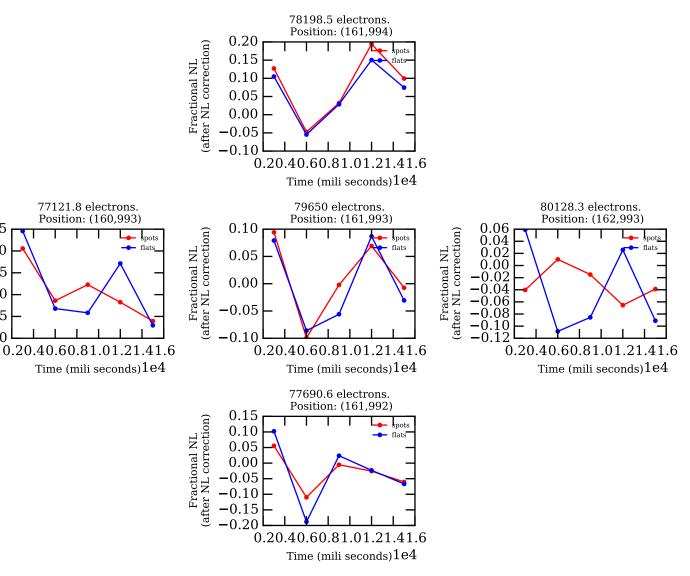
0.05

0.00 -0.05

-0.10

-0.15

(after NL correction)



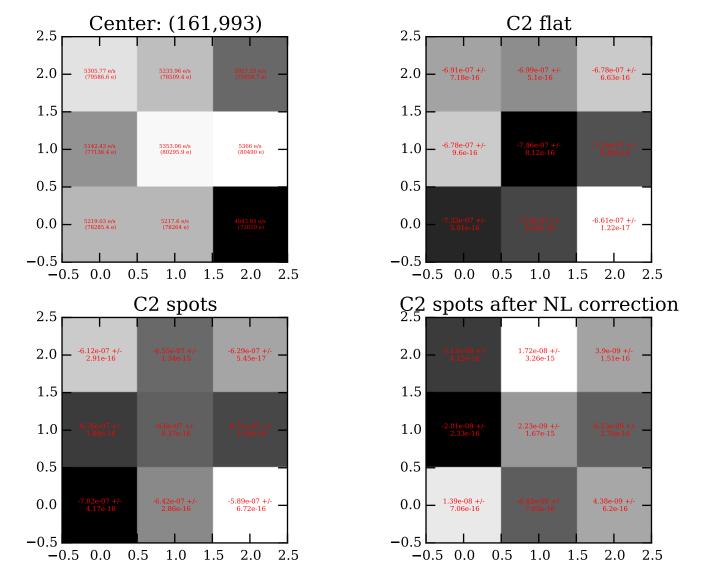
0.00

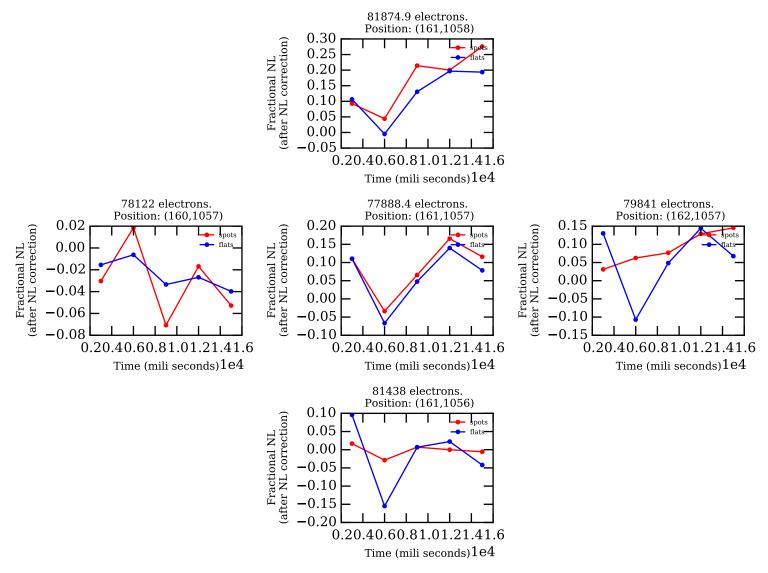
-0.05

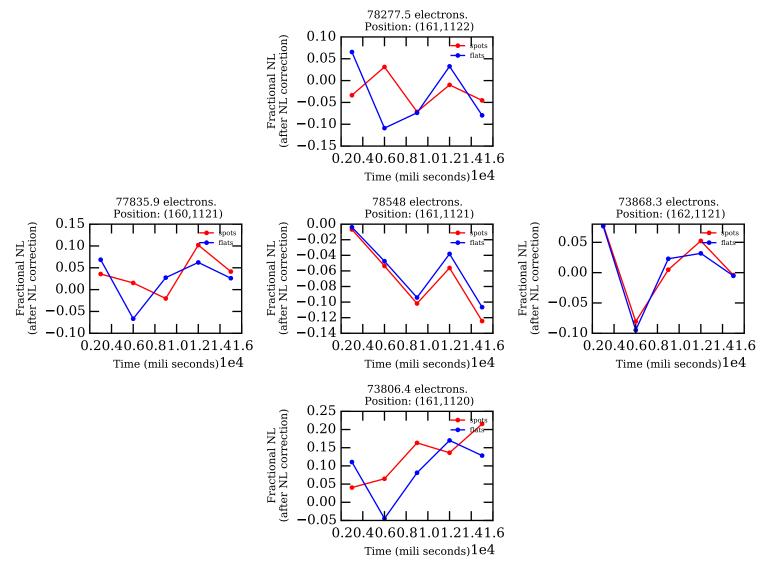
-0.10

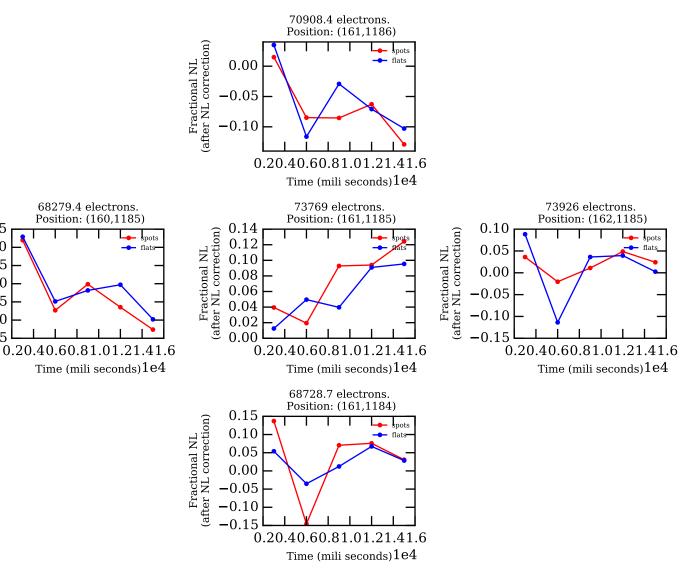
-0.15 -0.20

(after NL correction)









0.00

-0.05

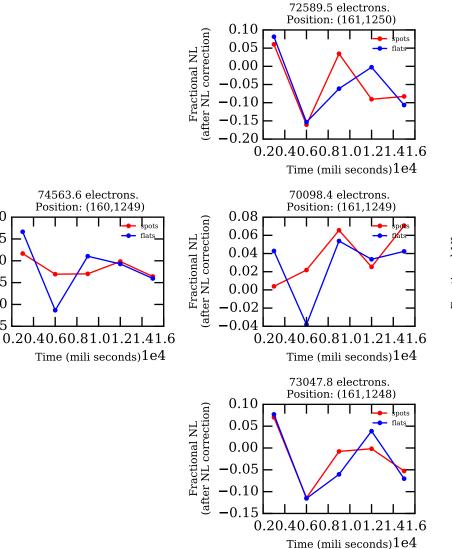
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

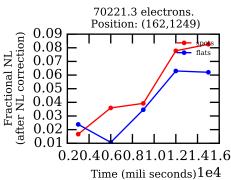
0.00

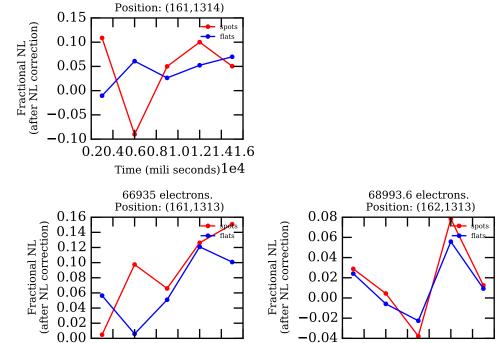
-0.05

-0.10

-0.15

(after NL correction)

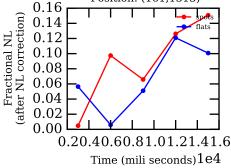




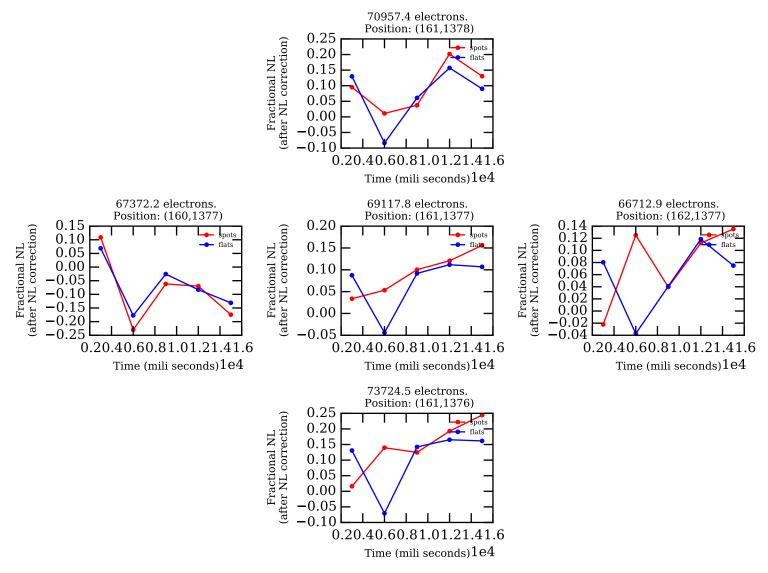
0.20.40.60.81.01.21.41.6

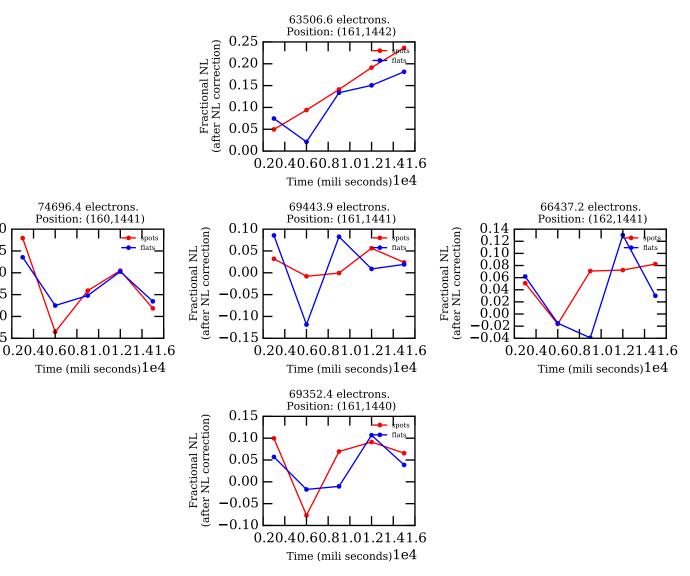
Time (mili seconds) 1e4

68961.3 electrons. Position: (160,1313) 0.06 (after NL correction) 0.04 flats Fractional NL 0.02 0.00 -0.02-0.04-0.06-0.080.20.40.60.81.01.21.41.6 ${\rm Time\ (mili\ seconds)} 1e4$



69422.6 electrons.





0.05

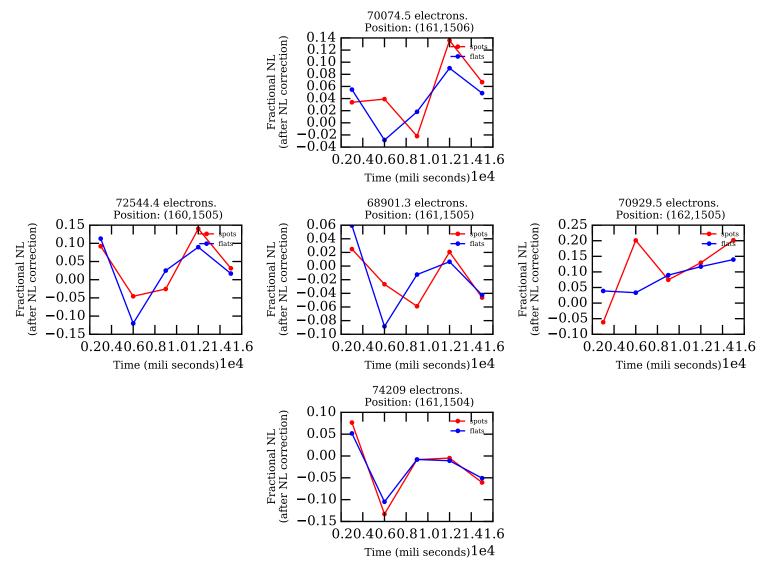
0.00

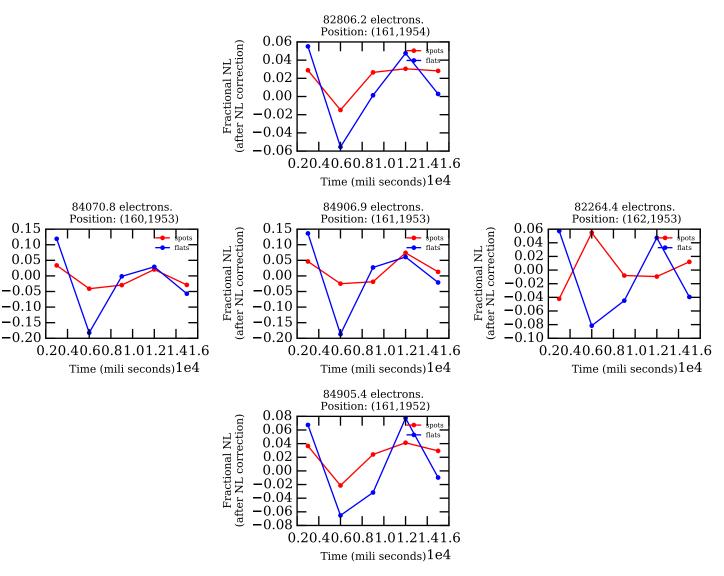
-0.05

-0.10

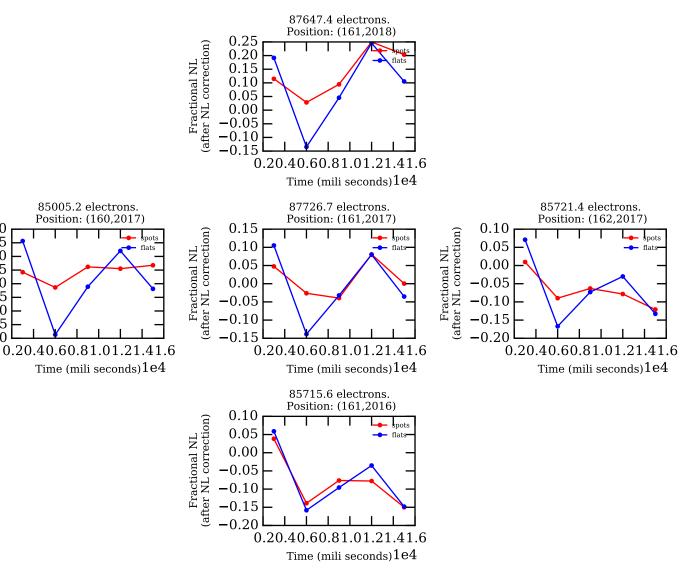
-0.15

(after NL correction)





(after NL correction)



0.15

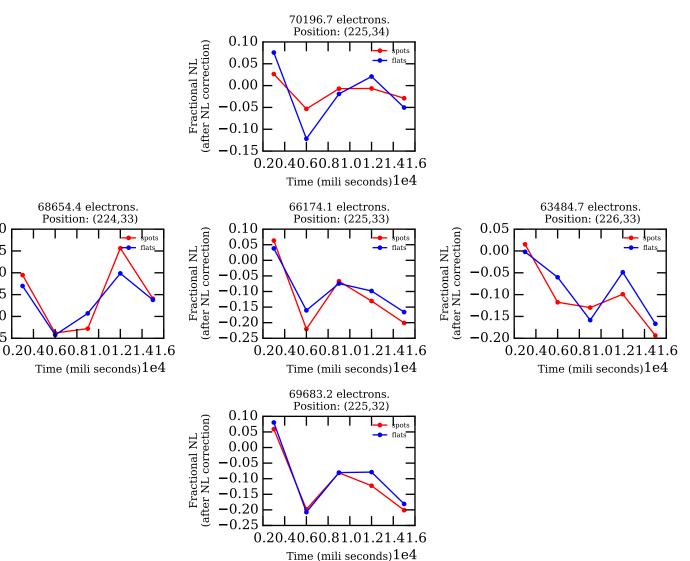
0.10

 $0.05 \\ 0.00$

-0.05

-0.15 -0.20

(after NL correction)



68654.4 electrons. Position: (224,33)

0.20

0.15

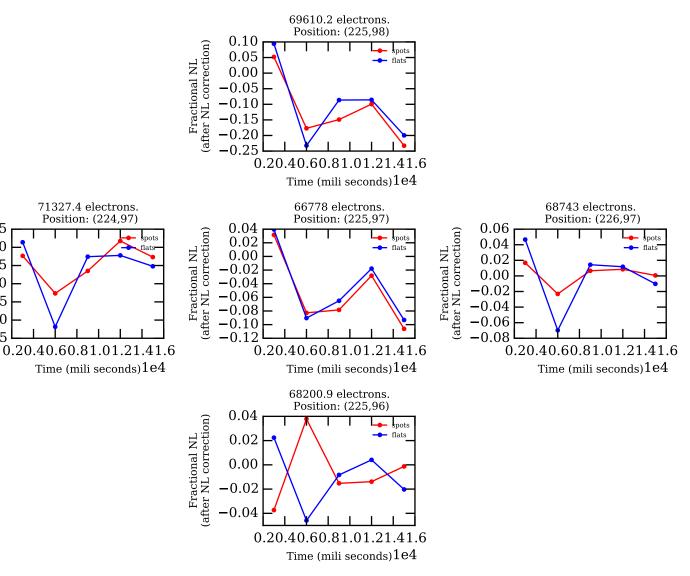
0.10

0.05

0.00

-0.05

(after NL correction)



0.10

0.05

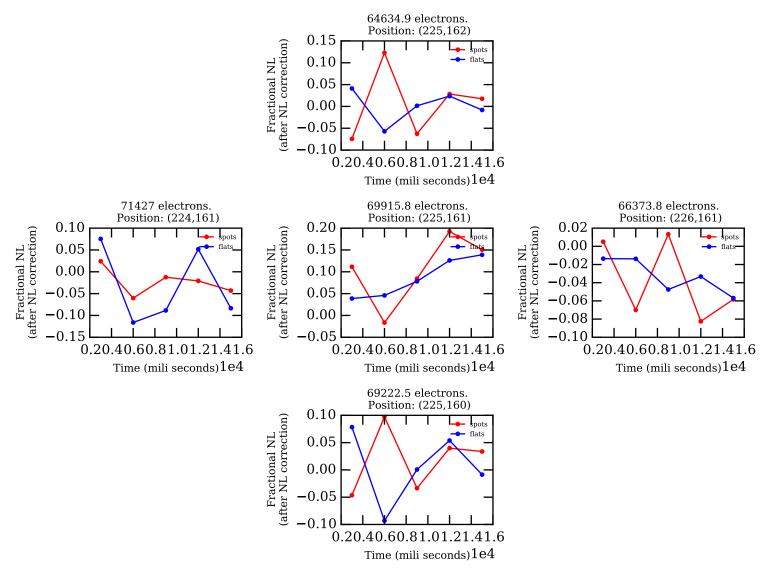
0.00

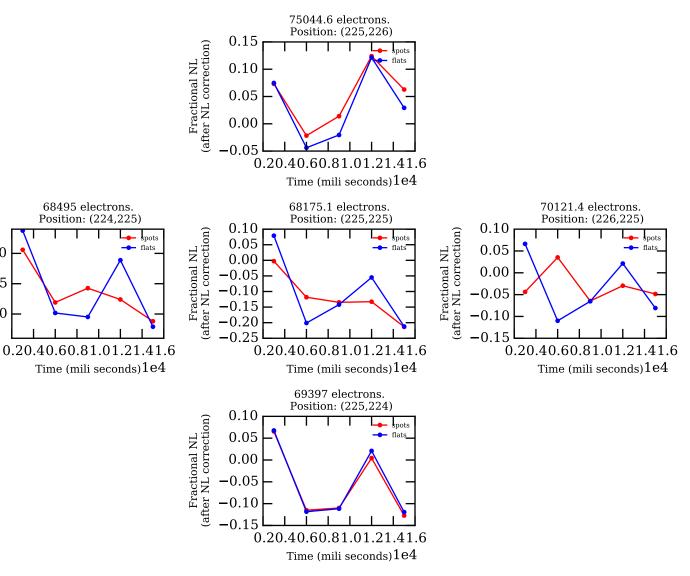
-0.05

-0.10

-0.15

(after NL correction)





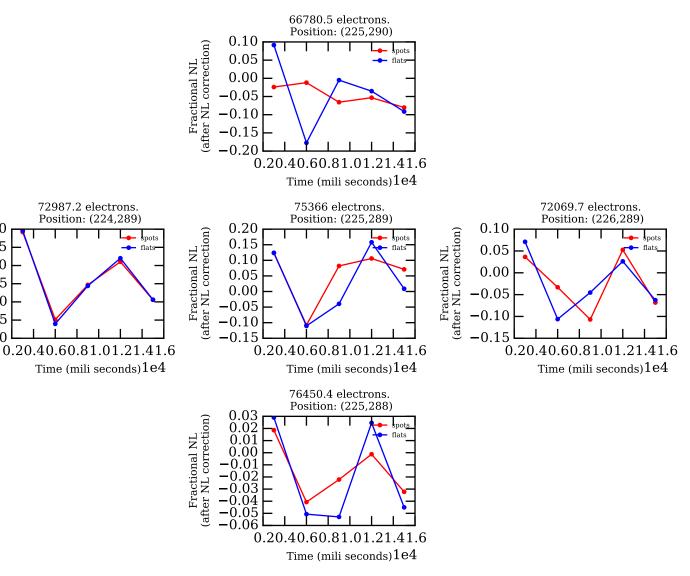
68495 electrons.

Fractional NL (after NL correction)

0.00

-0.05

-0.10



0.05

0.00

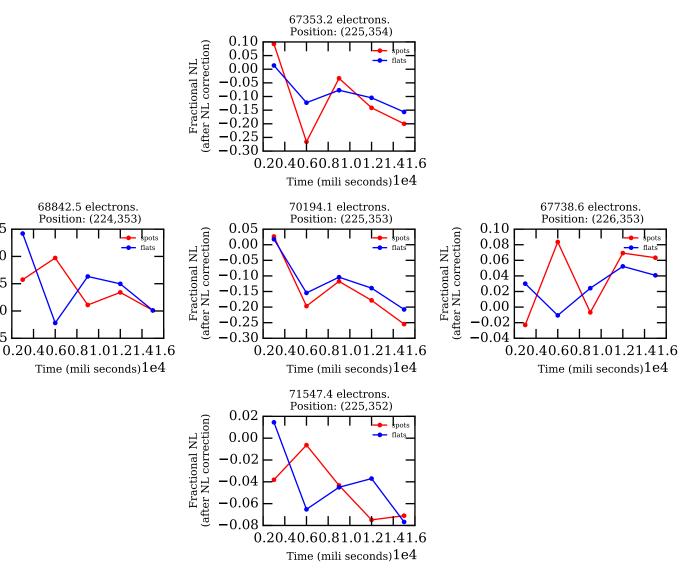
-0.05

-0.10

-0.15

-0.20

(after NL correction)



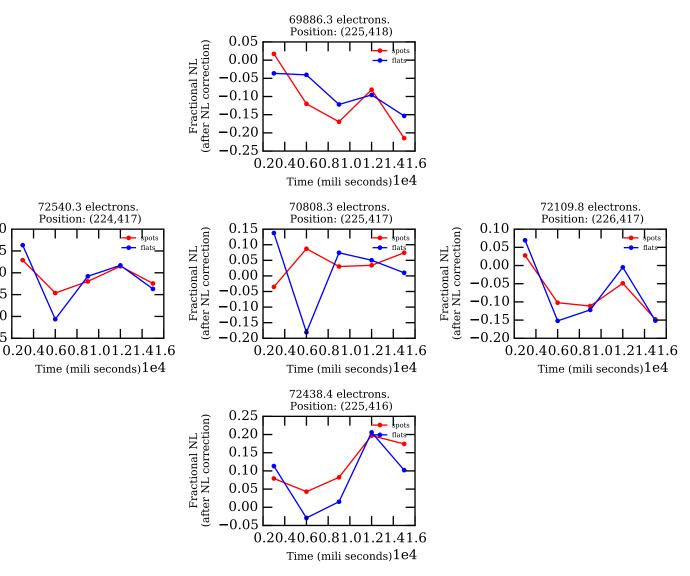
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

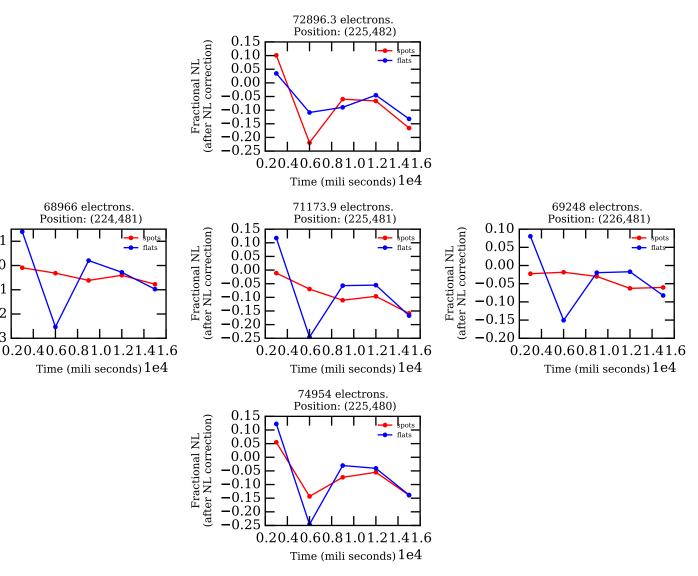
0.00

-0.05

-0.10

-0.15

(after NL correction)



68966 electrons.

(after NL correction)

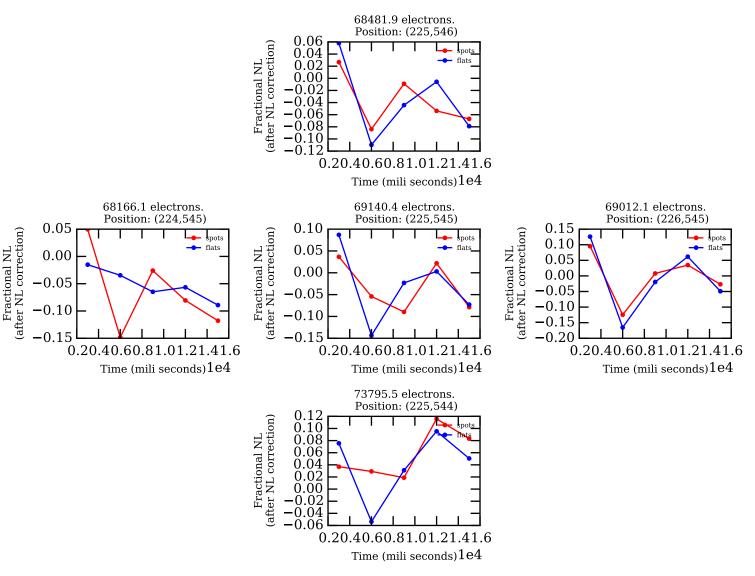
Fractional NL

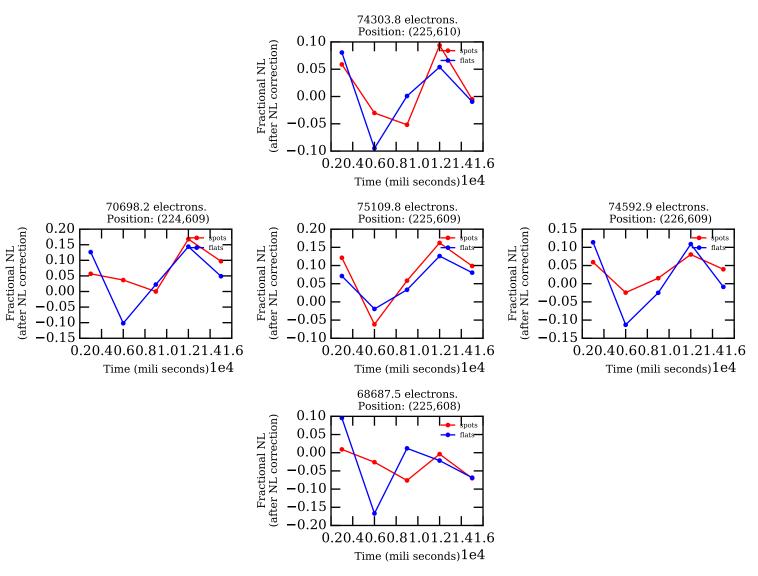
0.1

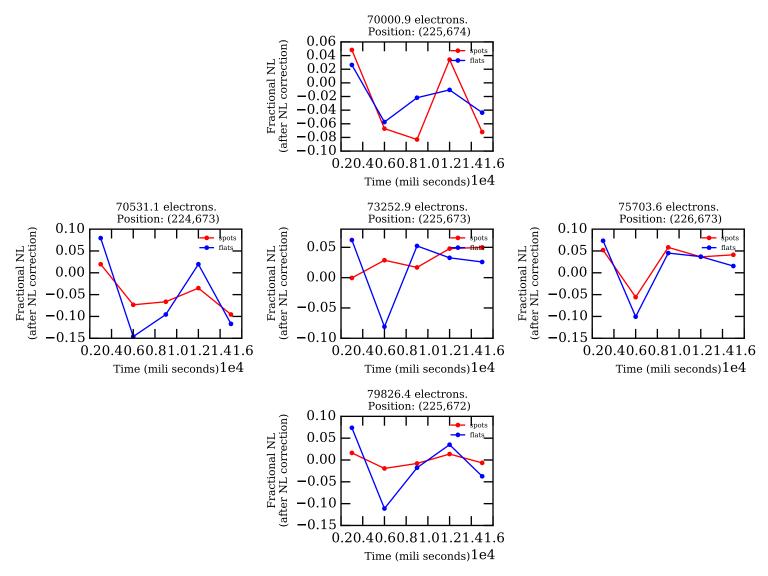
0.0

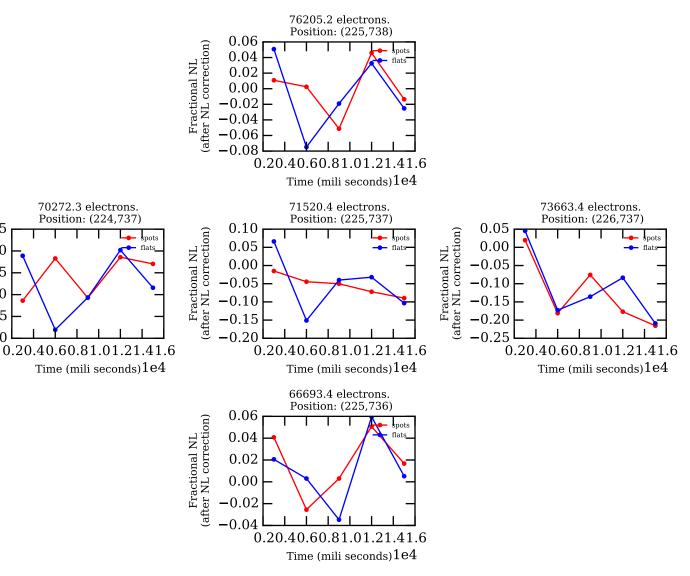
-0.1

-0.2









0.10

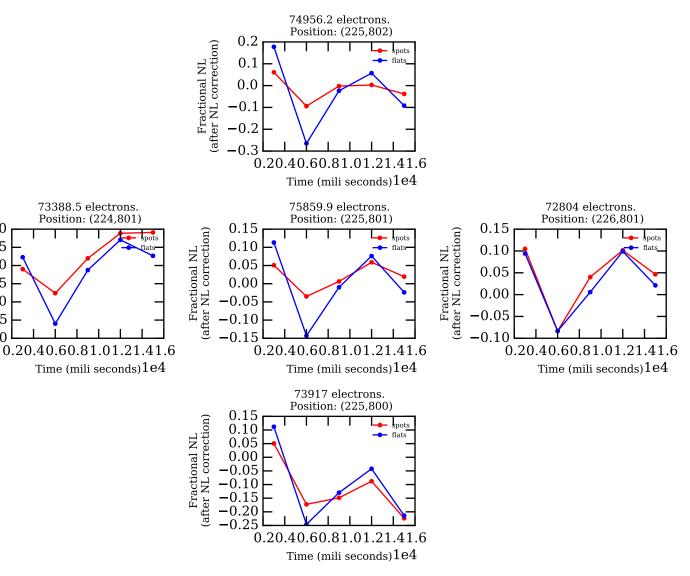
0.05

0.00

-0.05

-0.10

(after NL correction)



73388.5 electrons.

0.20

0.15

0.10

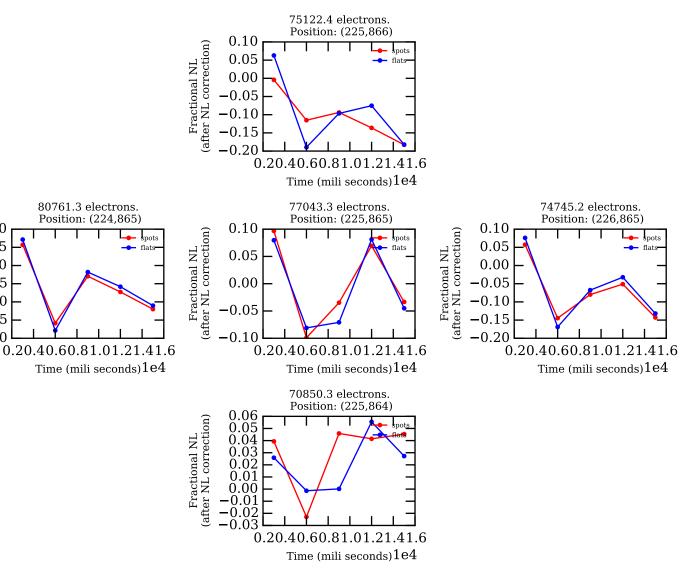
0.05

0.00

-0.05

-0.10

(after NL correction)



0.05

0.00

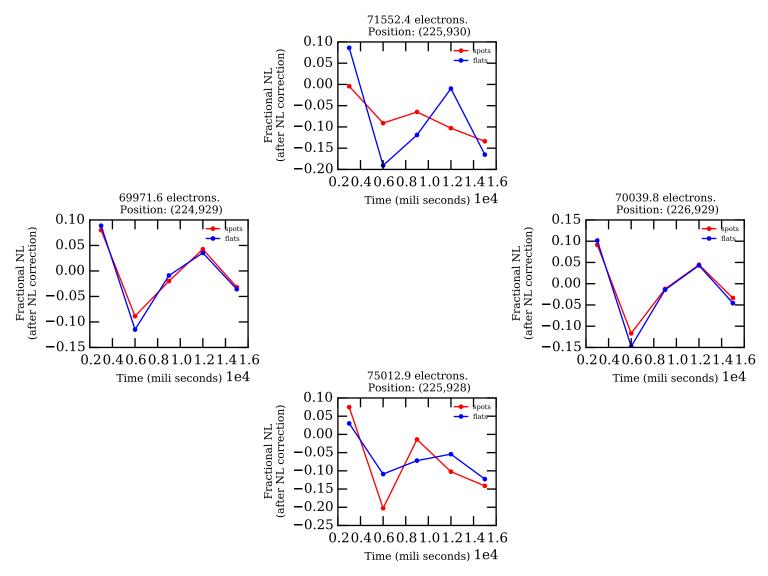
-0.05

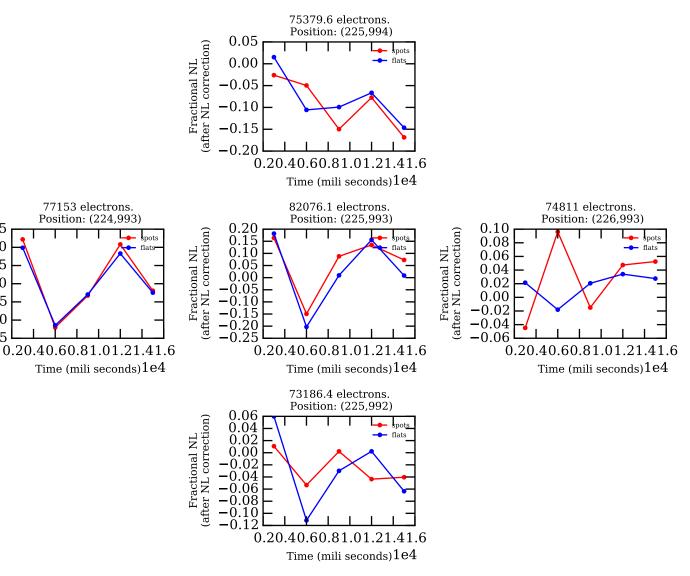
-0.10

-0.15

-0.20

(after NL correction)





77153 electrons.

0.15

0.10

0.05

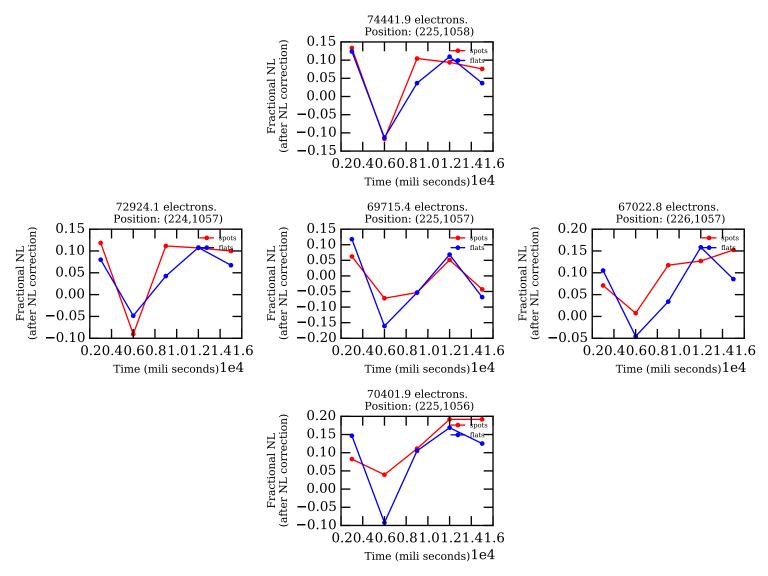
0.00

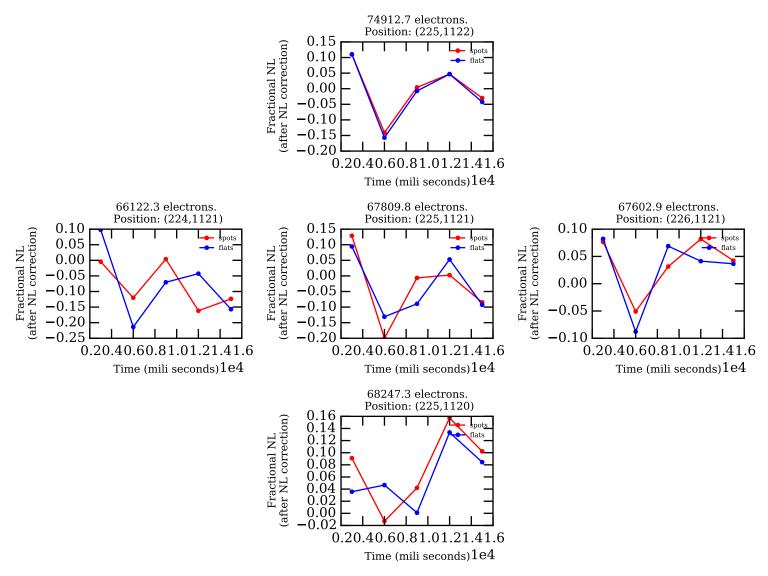
-0.05

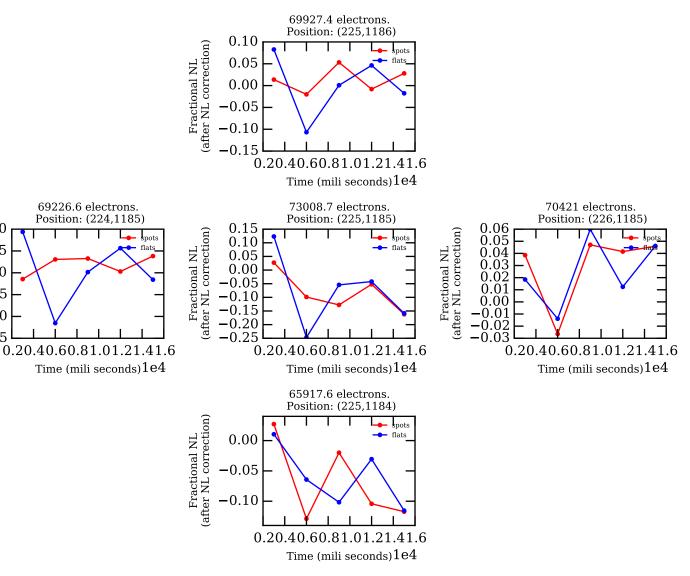
-0.10

-0.15

(after NL correction)







0.05

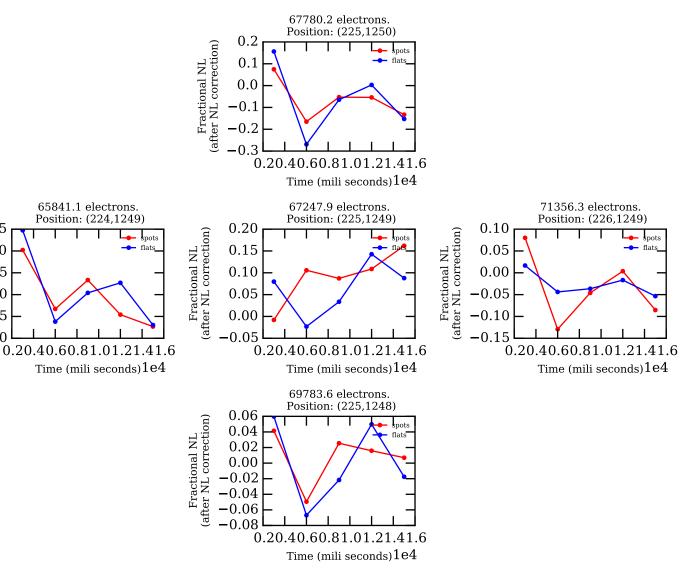
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.00

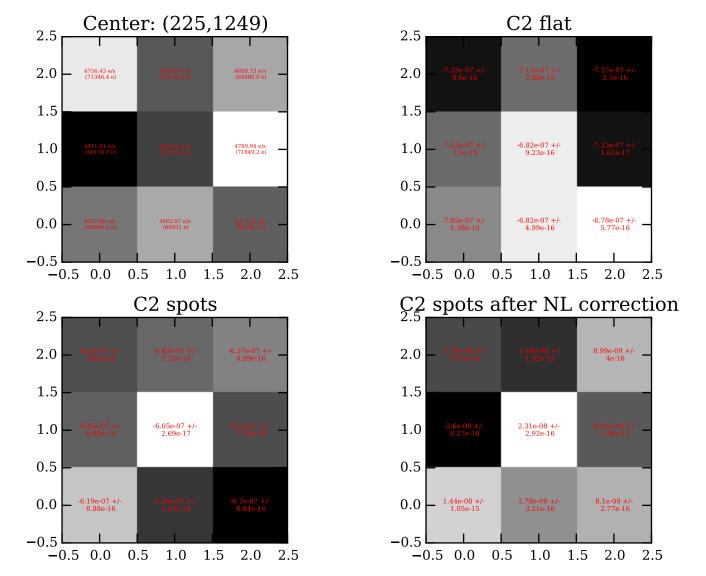
-0.05

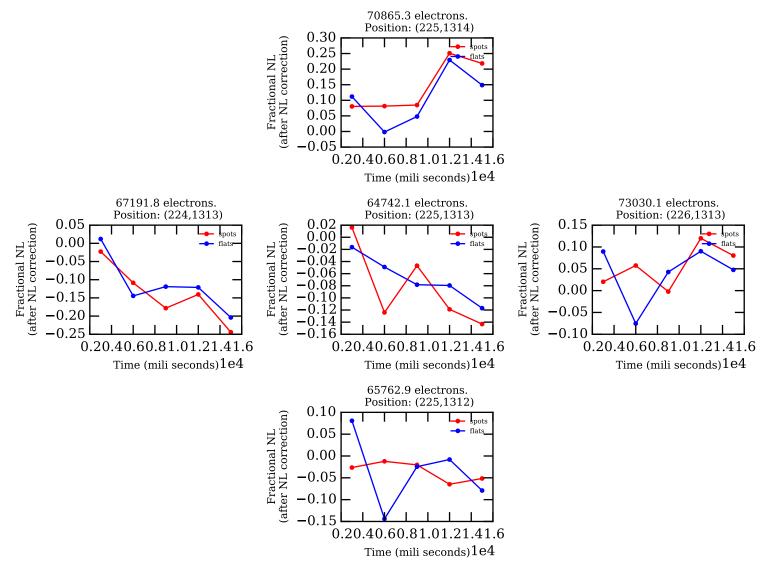
-0.10

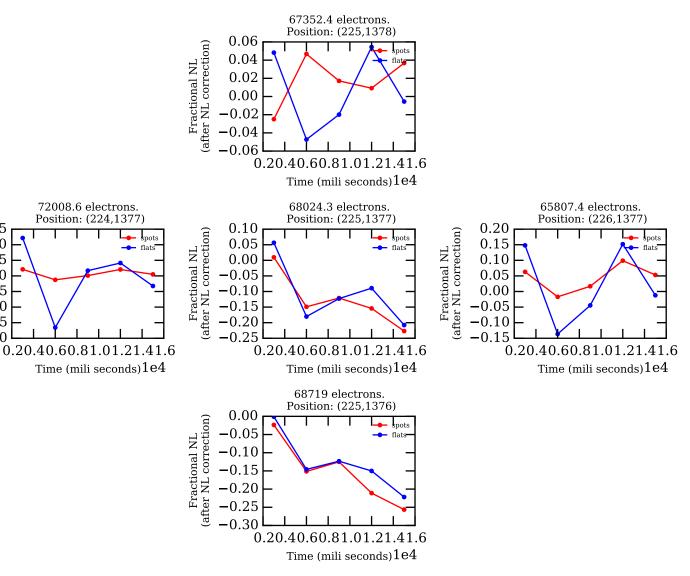
-0.15

-0.20

(after NL correction)







0.10

0.05

0.00

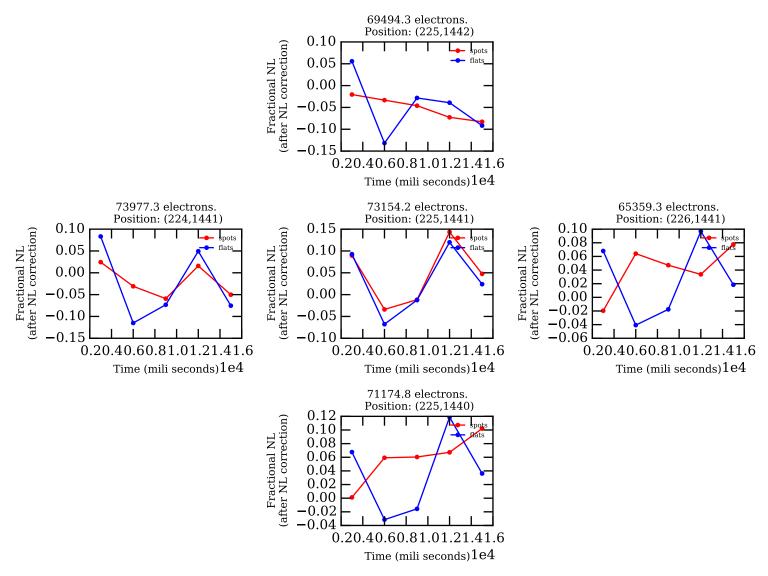
-0.05

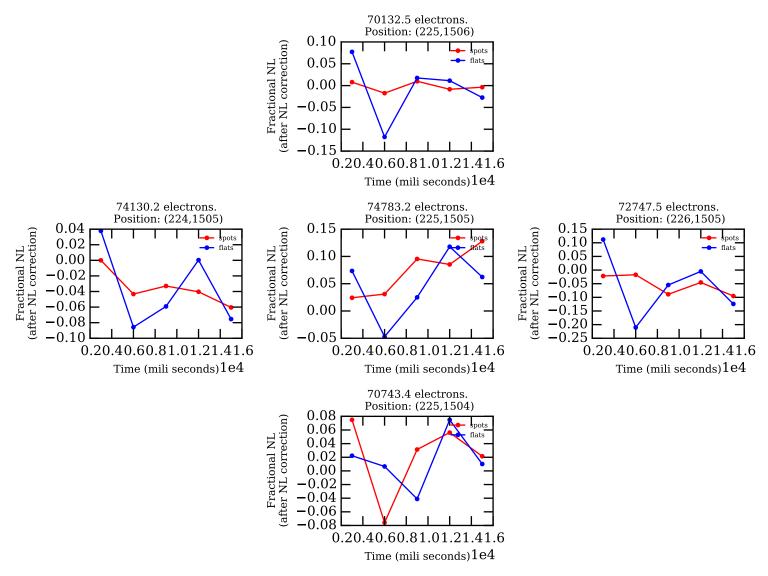
-0.10

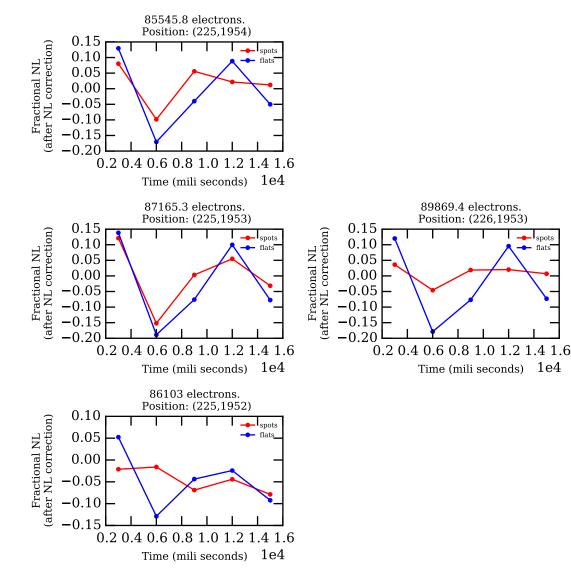
-0.15

-0.20

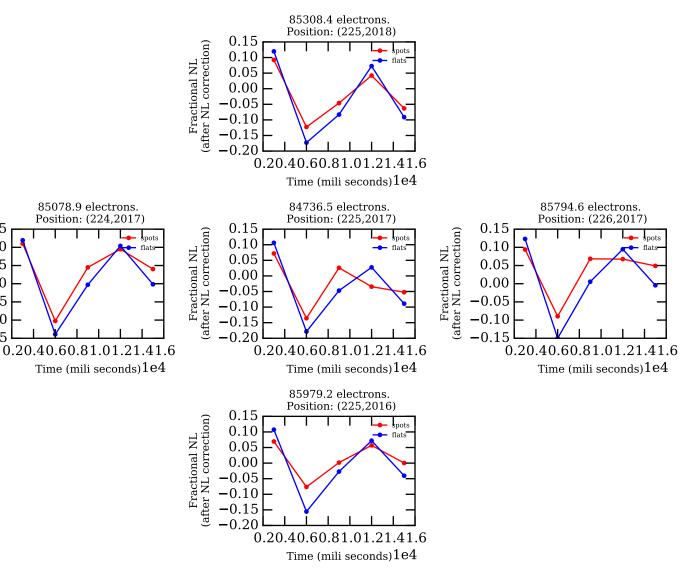
(after NL correction)







1e4



0.10

0.05

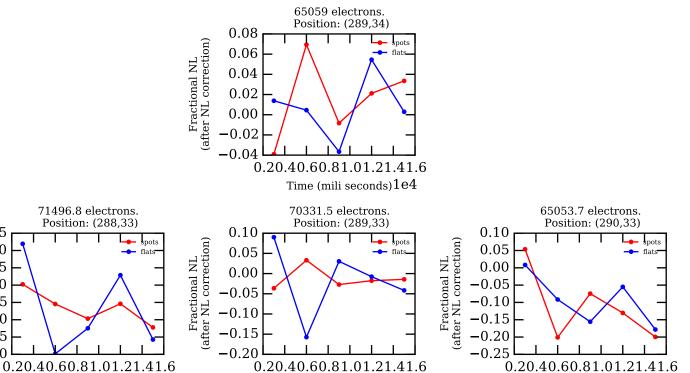
0.00

-0.05

-0.10

-0.15

(after NL correction)



Time (mili seconds) 1e4

Time (mili seconds) 1e4

Position: (288,33)

 ${\rm Time\ (mili\ seconds)} 1e4$

0.15

0.10

0.05

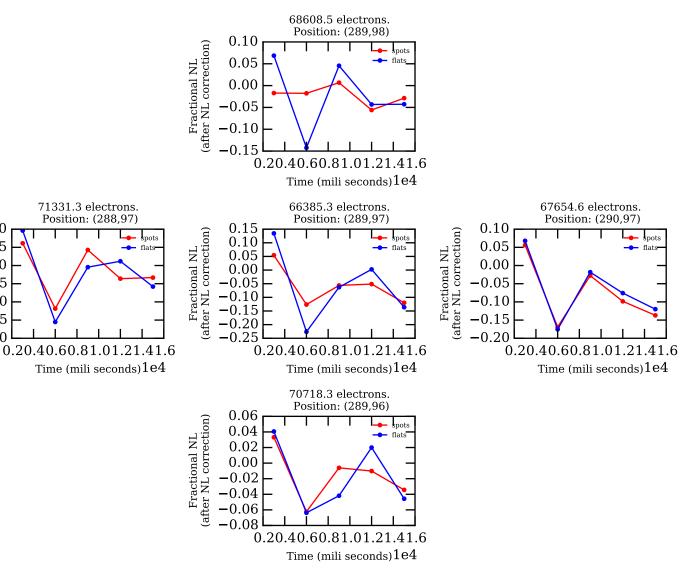
0.00

-0.05

-0.10

-0.15-0.20

(after NL correction)



0.05

0.00

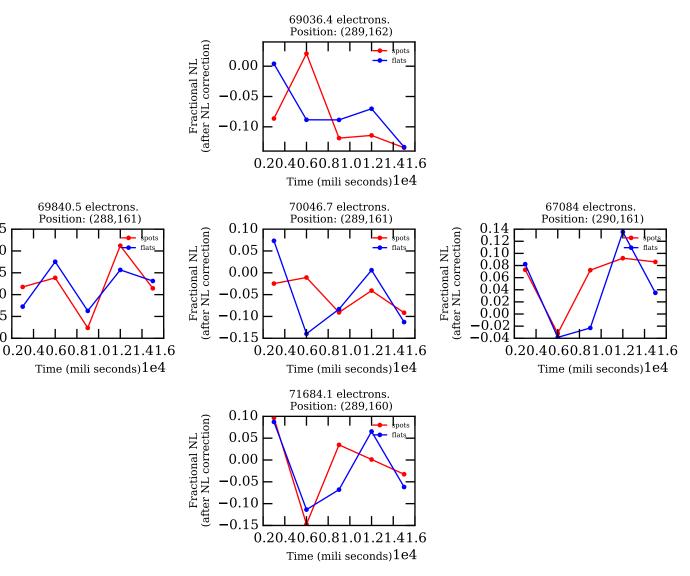
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

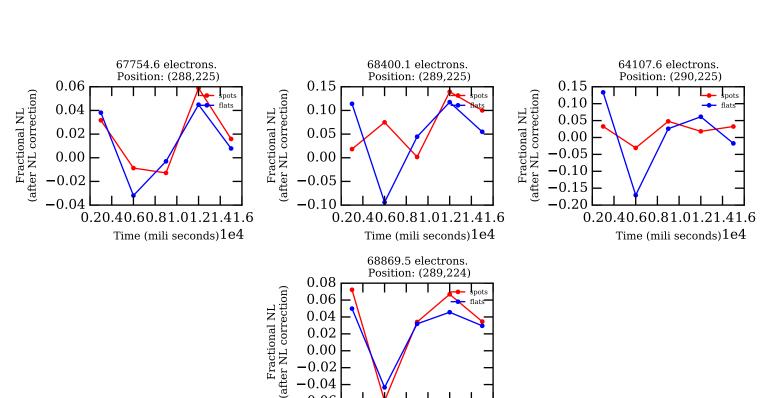
0.05

0.00

-0.05

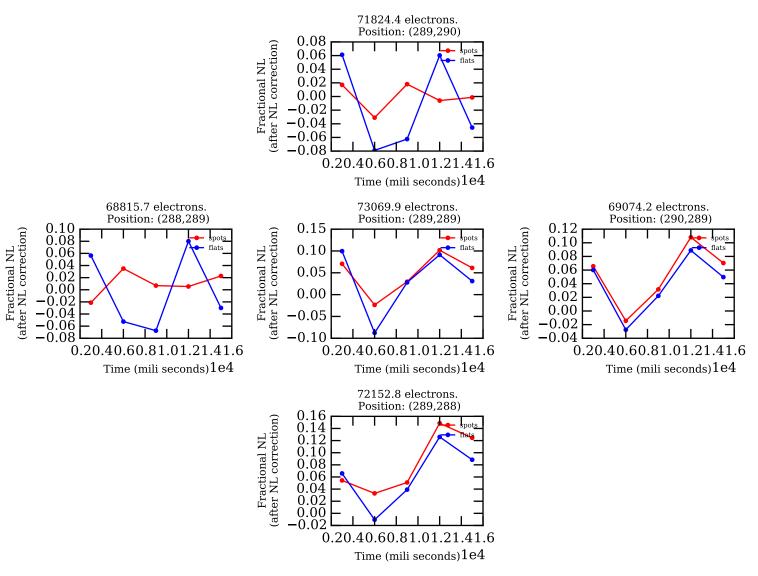
-0.10

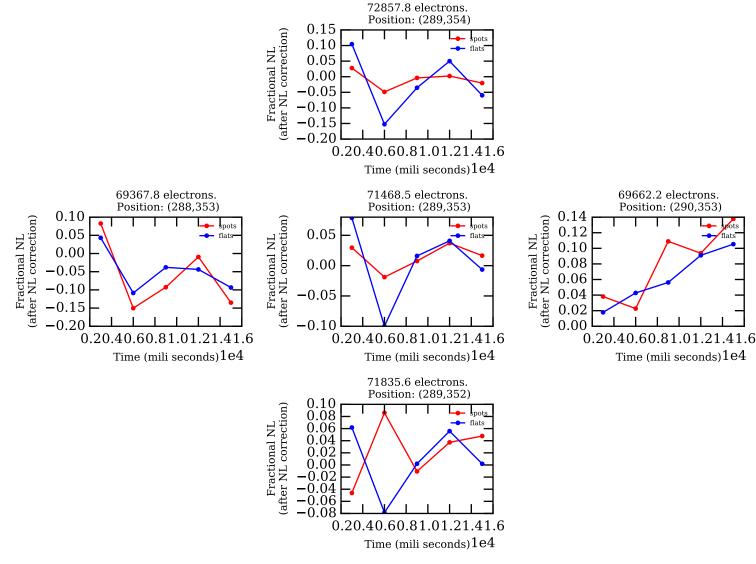
(after NL correction)

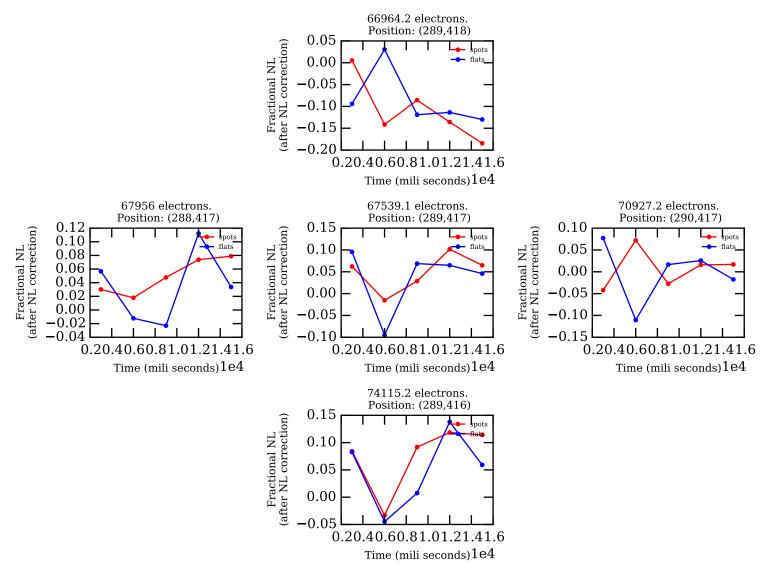


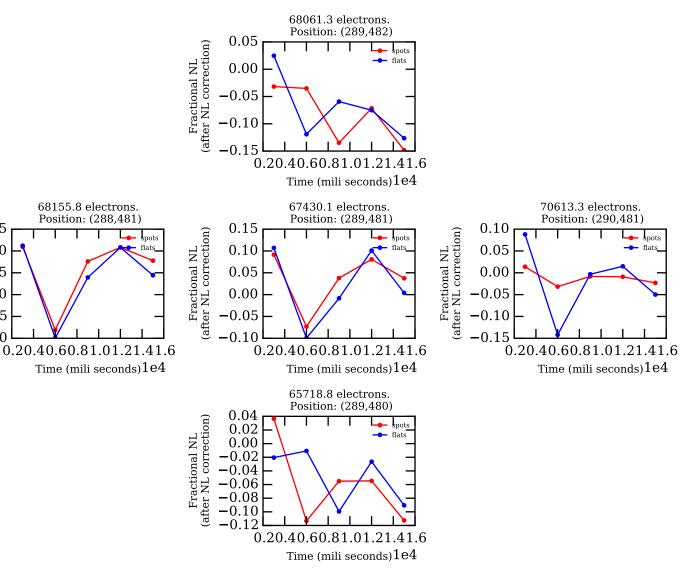
0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.04-0.06









0.10

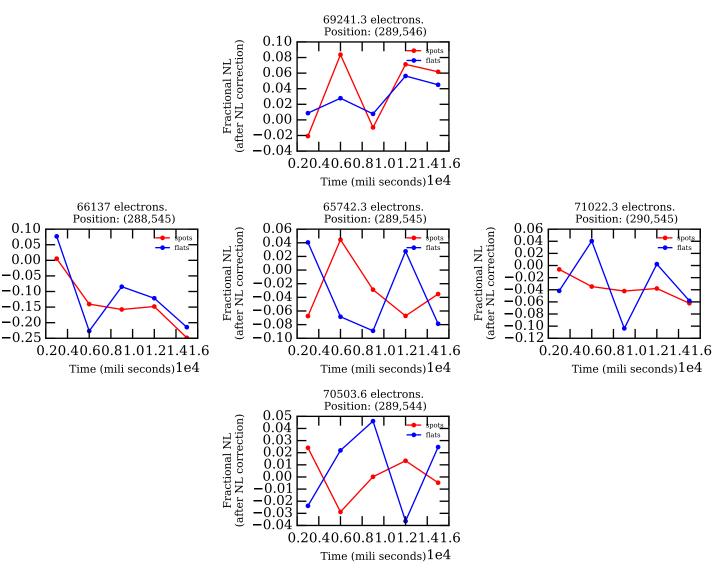
0.05

0.00

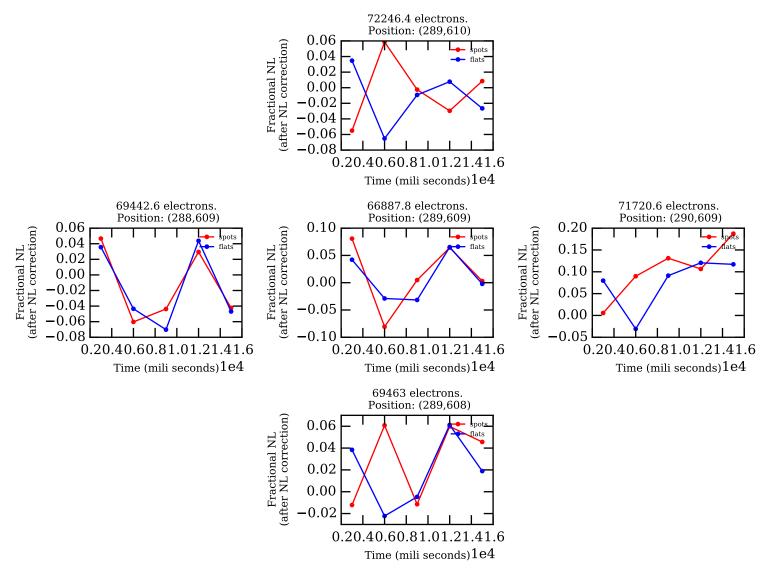
-0.05

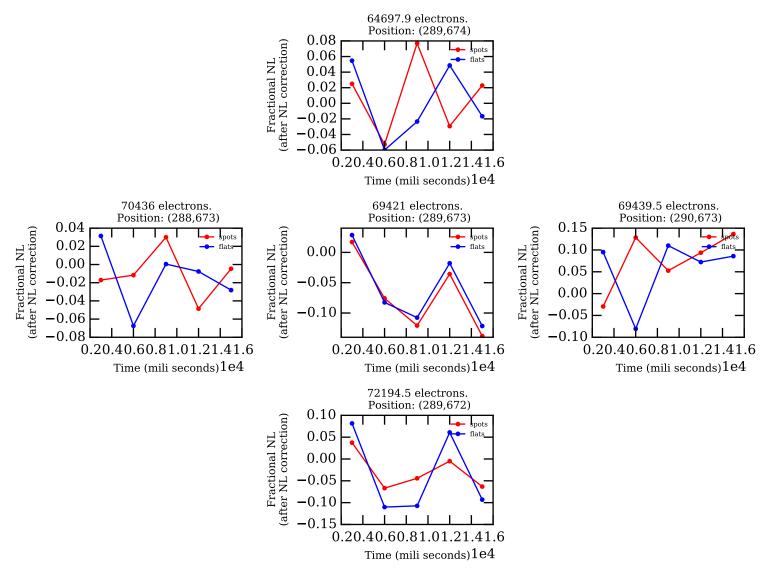
-0.10

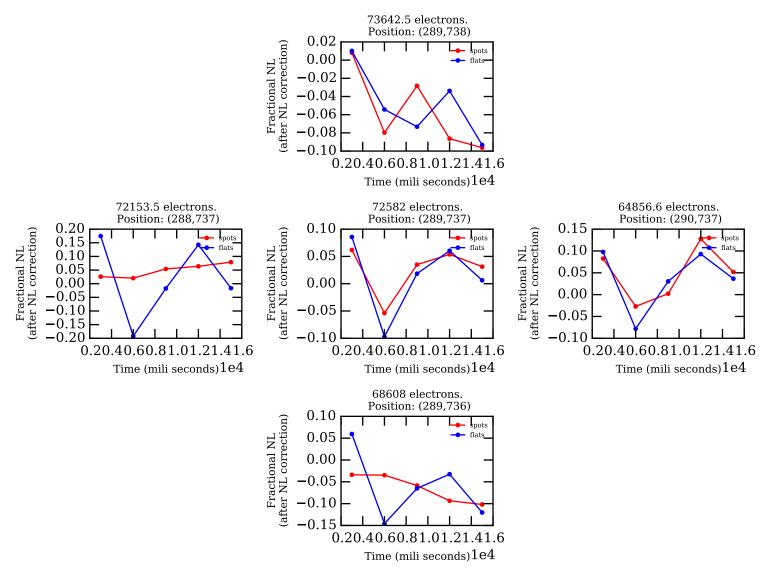
(after NL correction)

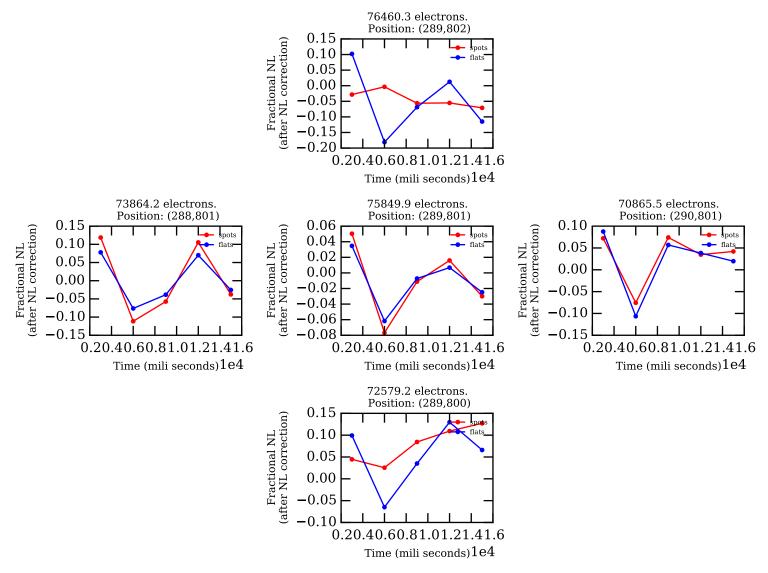


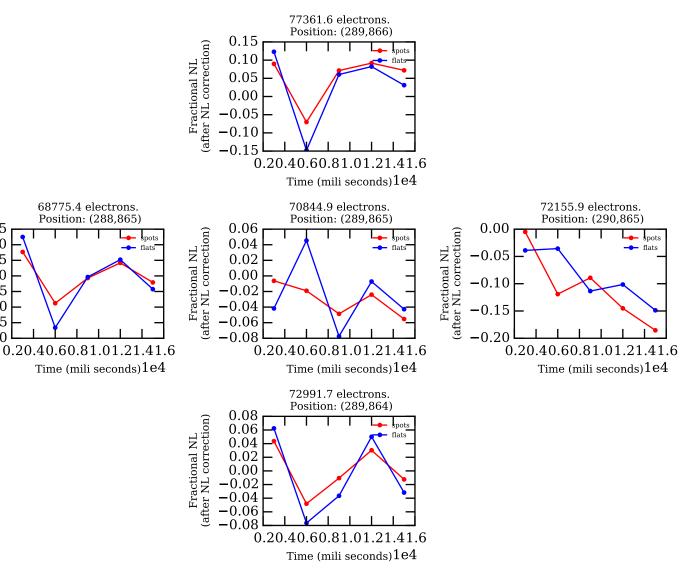
(after NL correction)











0.10

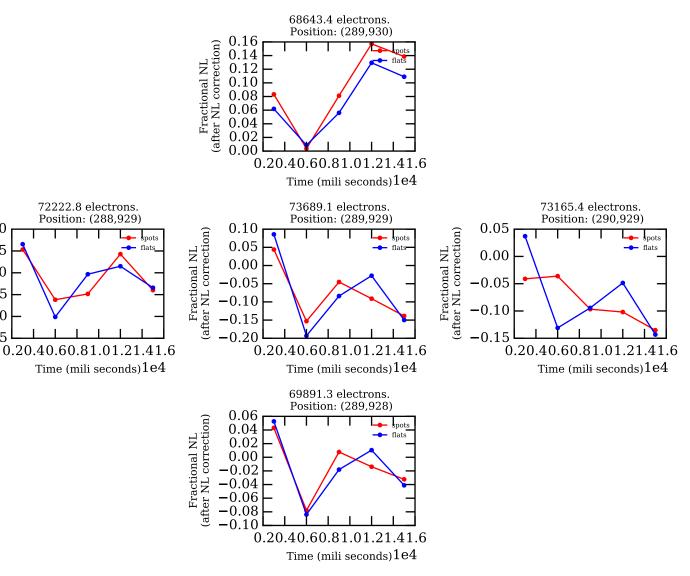
0.05

0.00

-0.05 -0.10

-0.15 -0.20

(after NL correction)



0.05

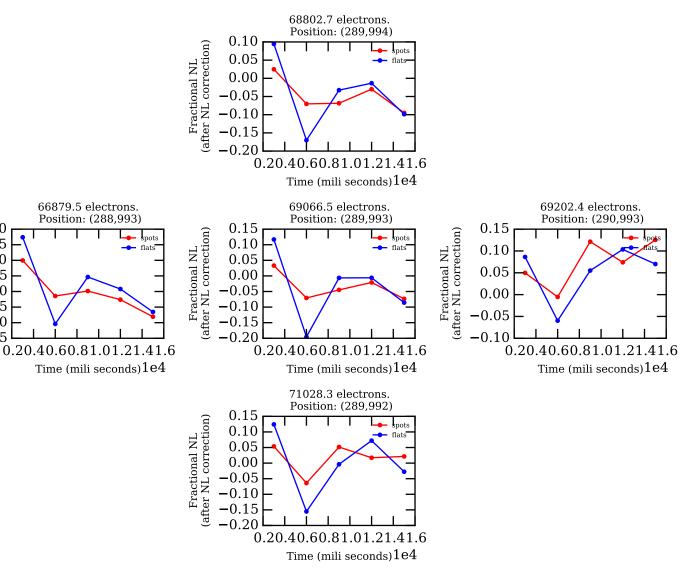
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

-0.05

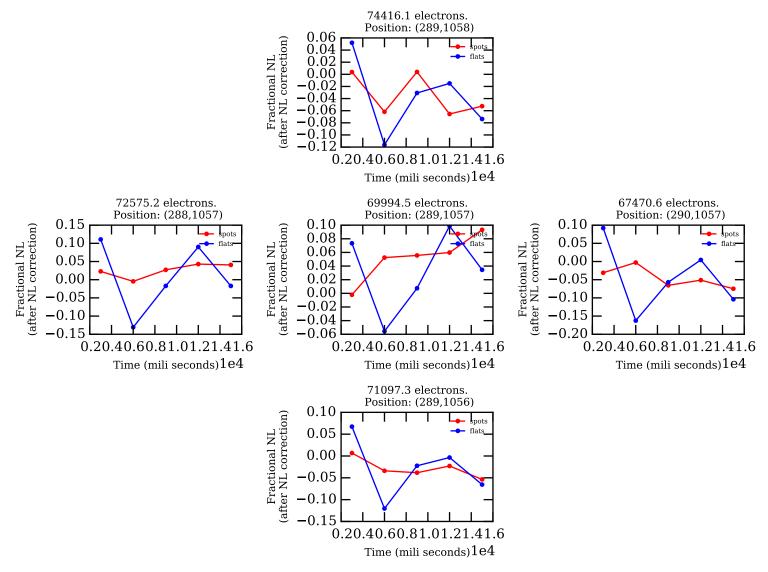
-0.10

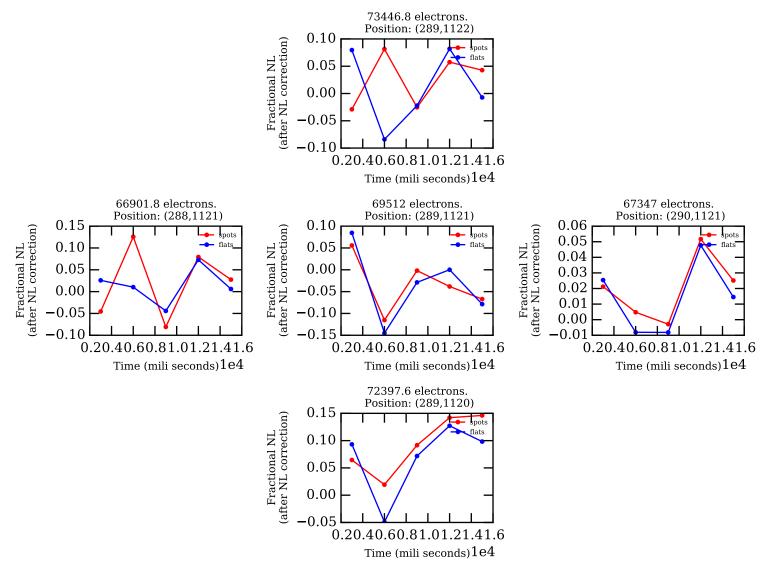
-0.15

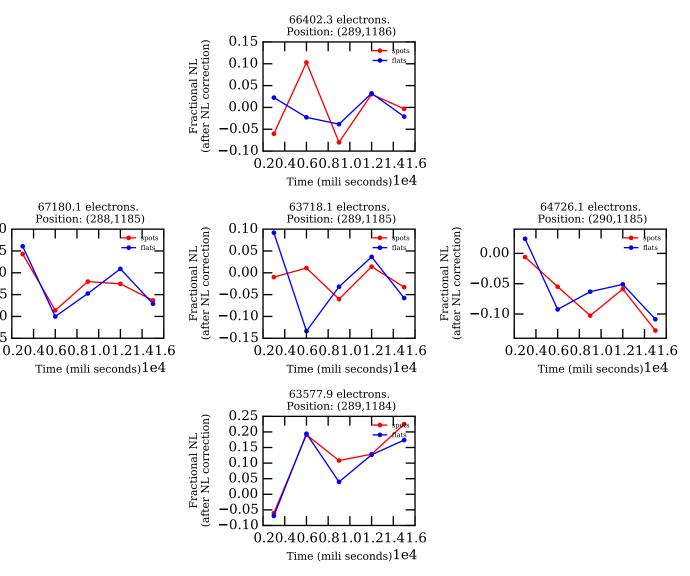
-0.20

-0.25

(after NL correction)







0.05

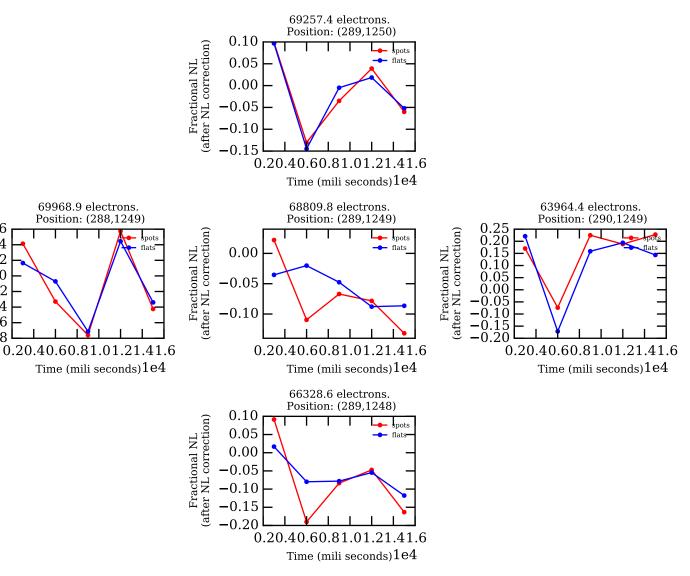
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.04

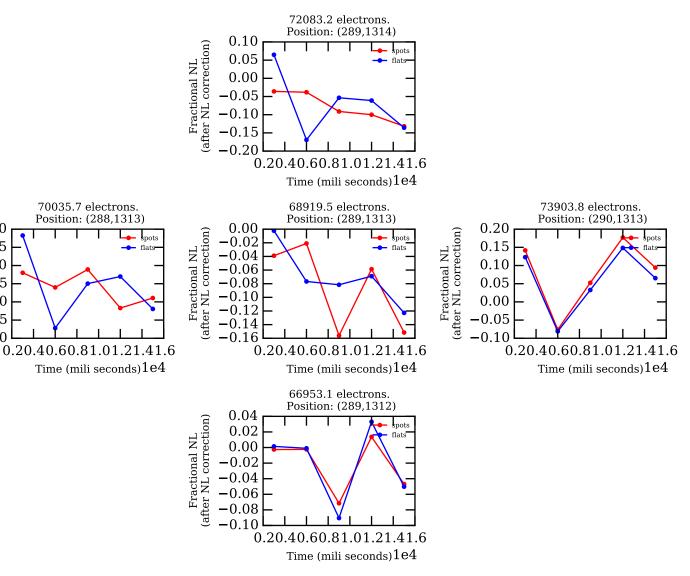
0.02

0.00

-0.02 -0.04

-0.06 -0.08

(after NL correction)



0.05

0.00

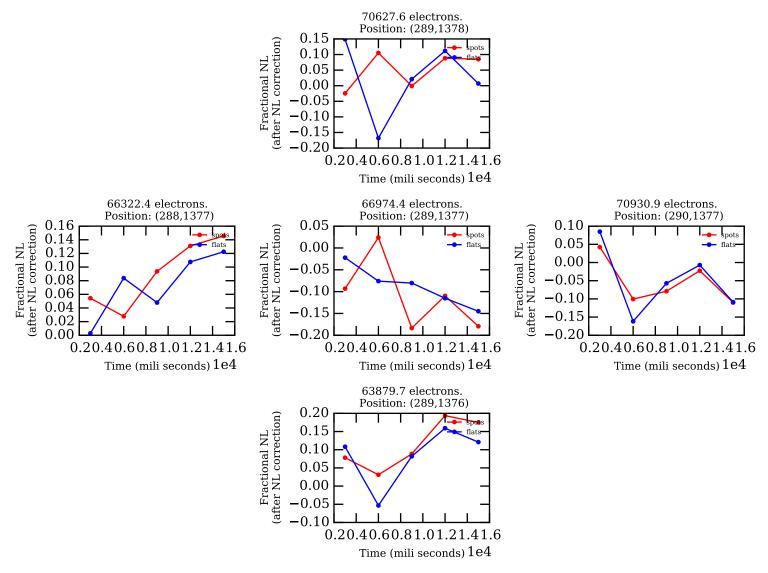
-0.05

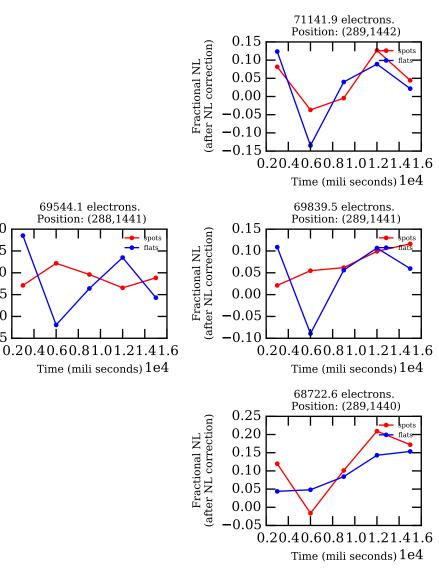
-0.10

-0.15

-0.20

(after NL correction)





0.05

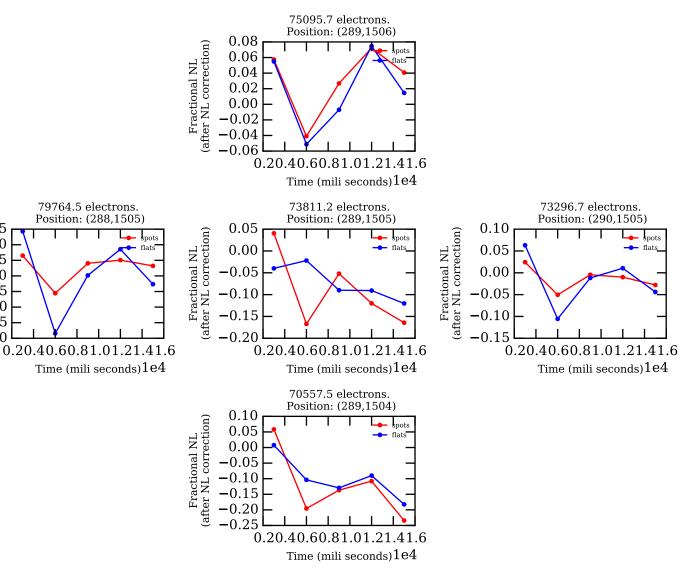
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

0.05

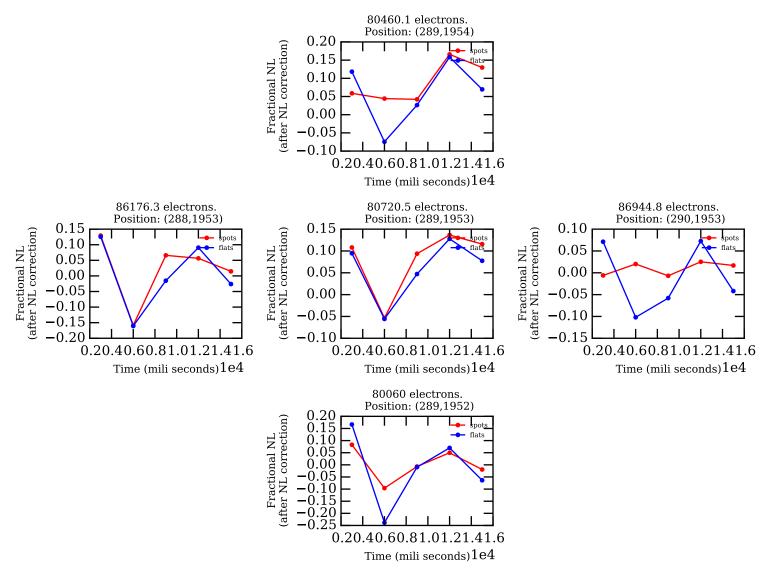
 $0.00 \\ -0.05$

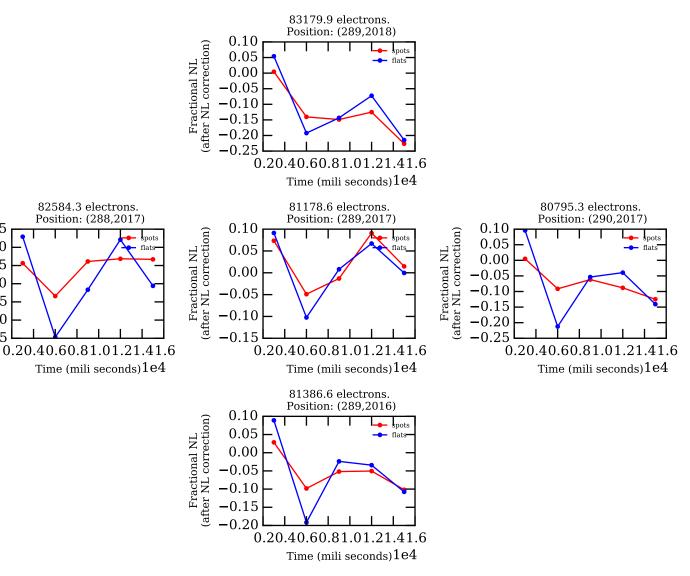
-0.10

-0.15

-0.20

(after NL correction)





0.10

0.05

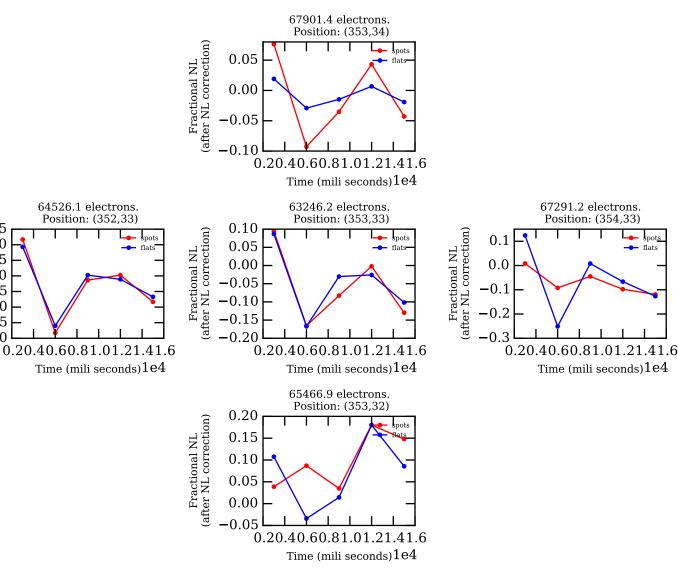
0.00

-0.05

-0.10

-0.15

(after NL correction)



flats

64526.1 electrons. Position: (352,33)

0.15

0.10

0.05

0.00

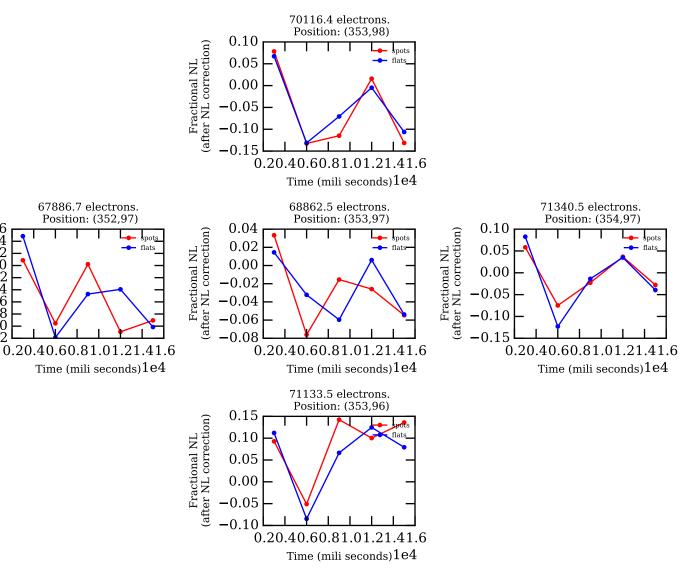
-0.05

-0.10

-0.15

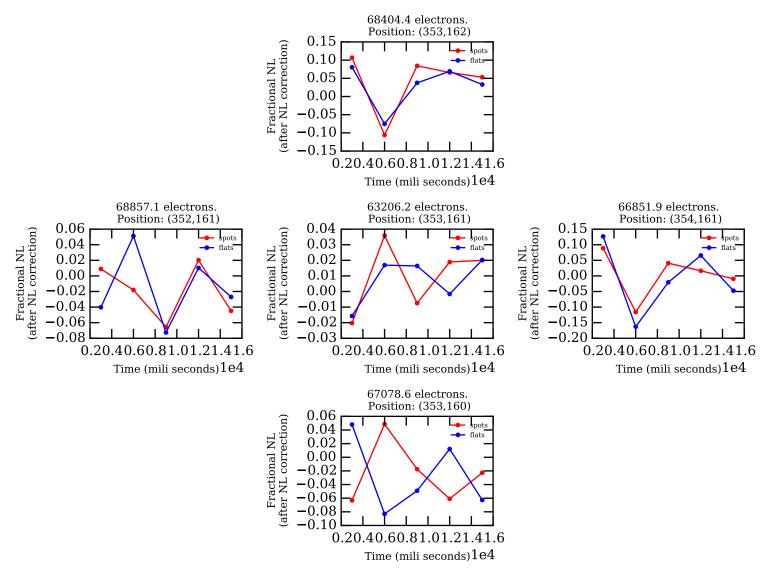
-0.20

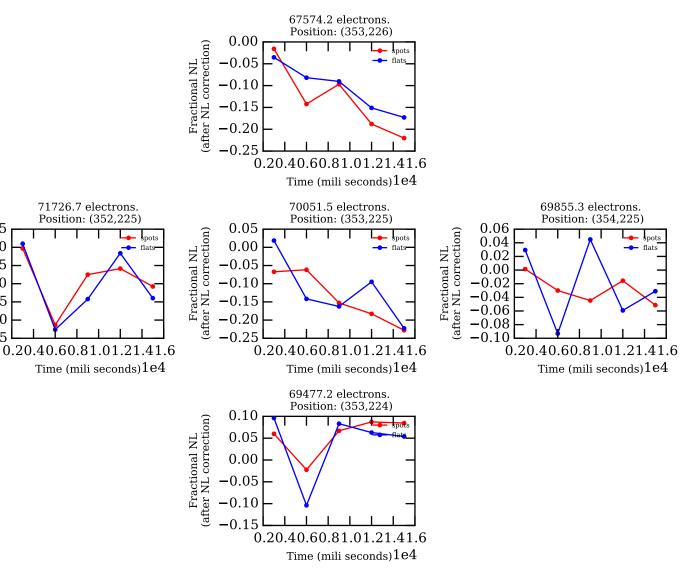
(after NL correction)



 $0.04 \\ 0.02$

(after NL correction)





0.10

0.05

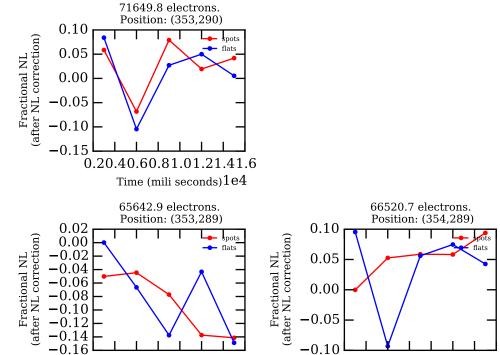
0.00

-0.05

-0.10

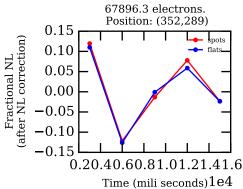
-0.15

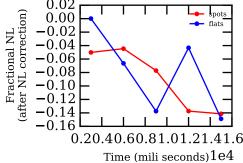
(after NL correction)

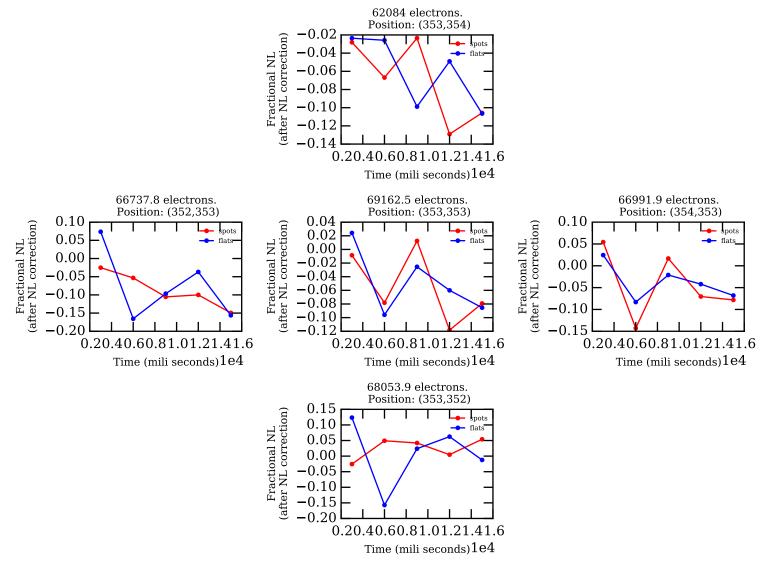


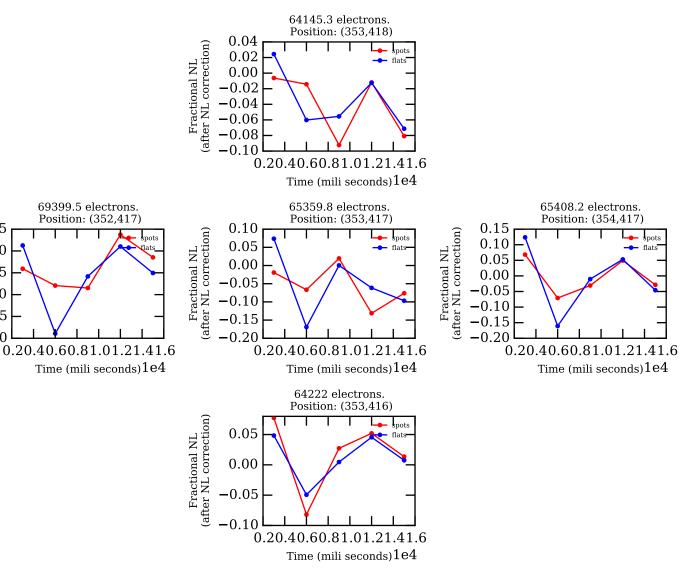
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4









0.10

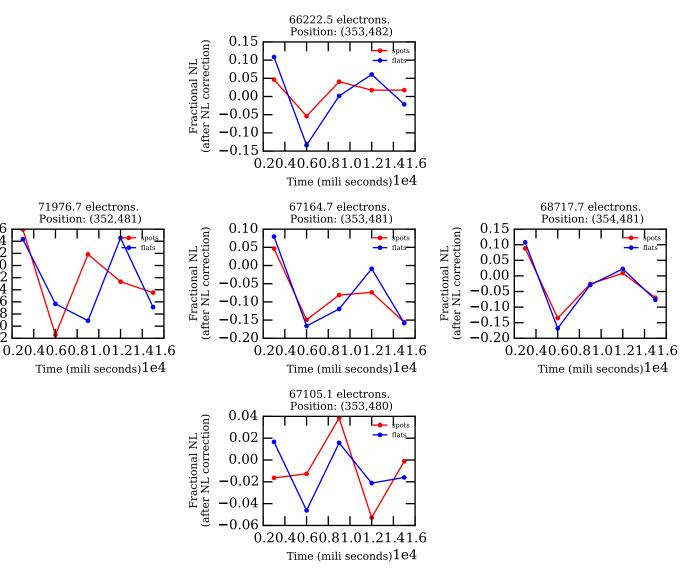
0.05

0.00

-0.05

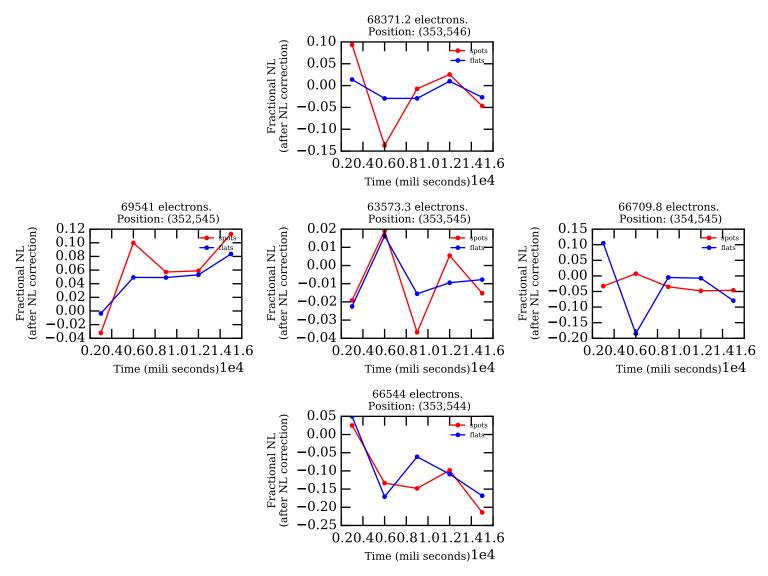
-0.10

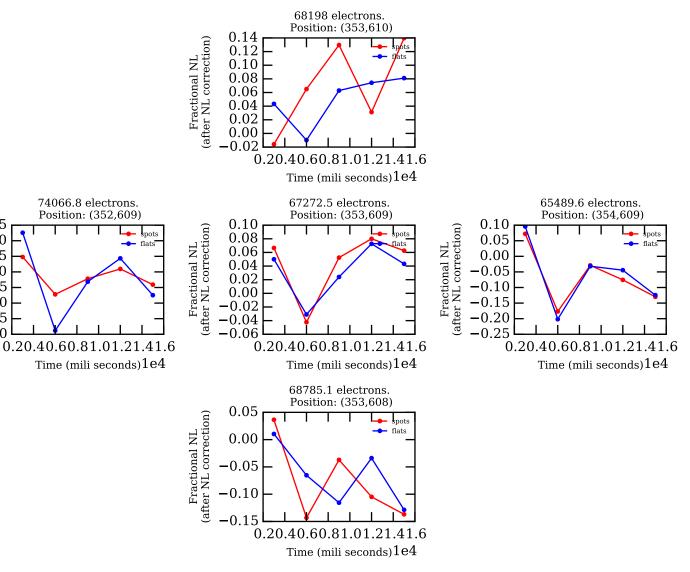
(after NL correction)



0.04

(after NL correction)





0.10

0.05

0.00

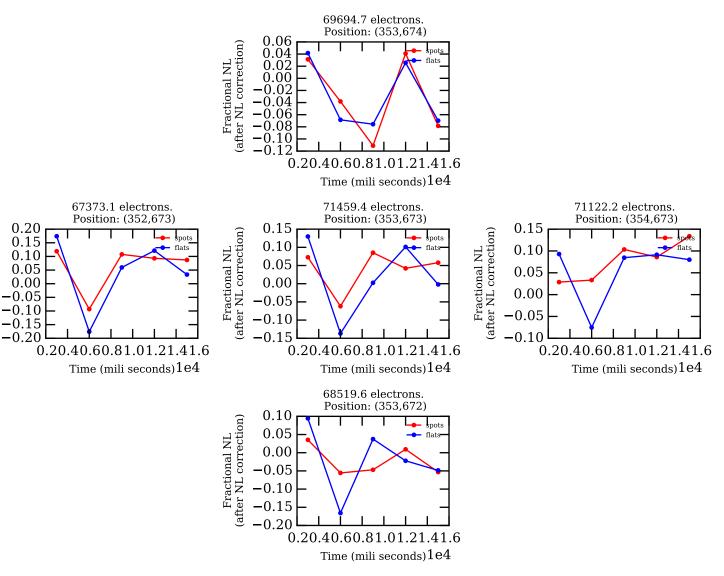
-0.05

-0.10

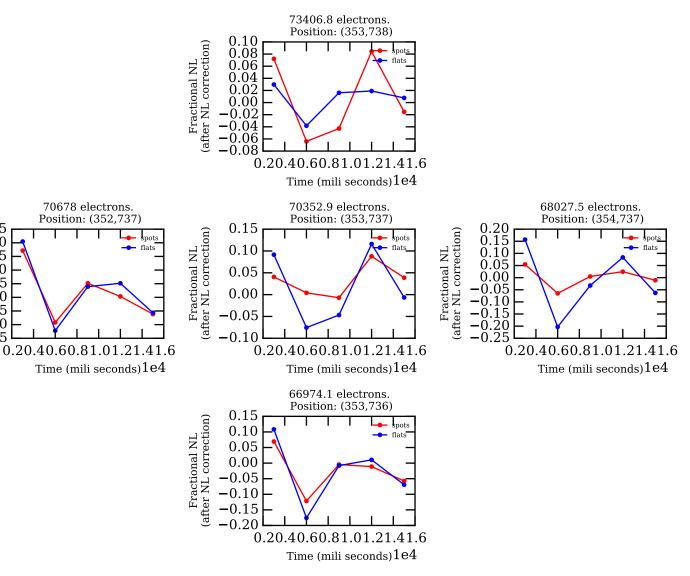
-0.15

-0.20

(after NL correction)



(after NL correction)



0.10

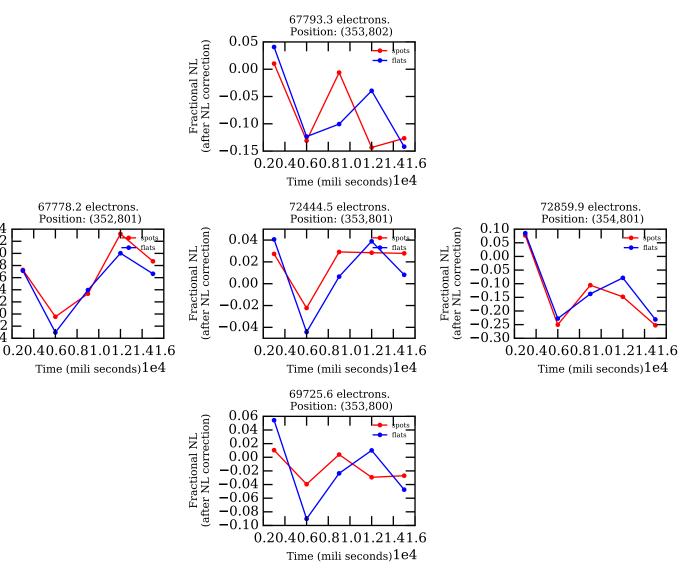
0.05

0.00

-0.05

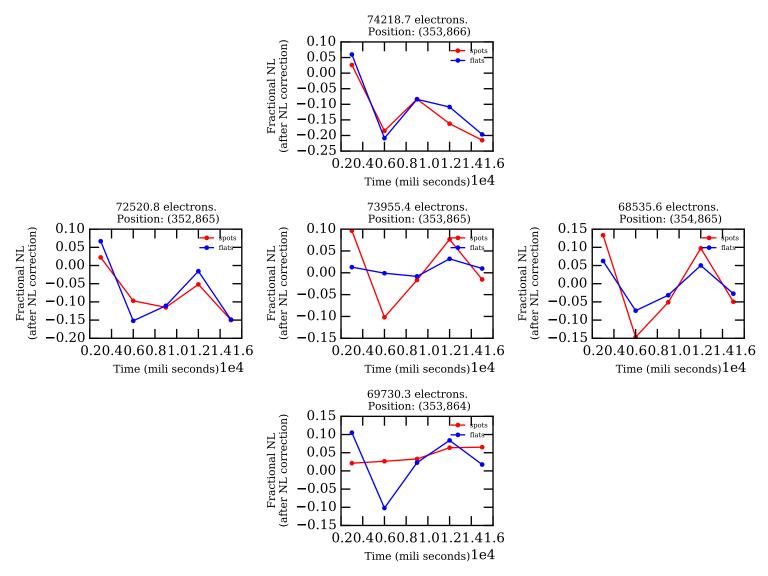
-0.25

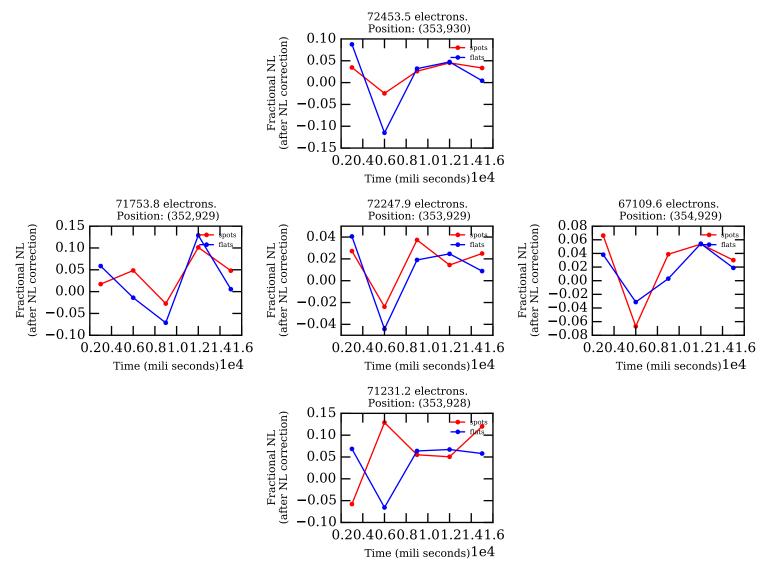
(after NL correction)

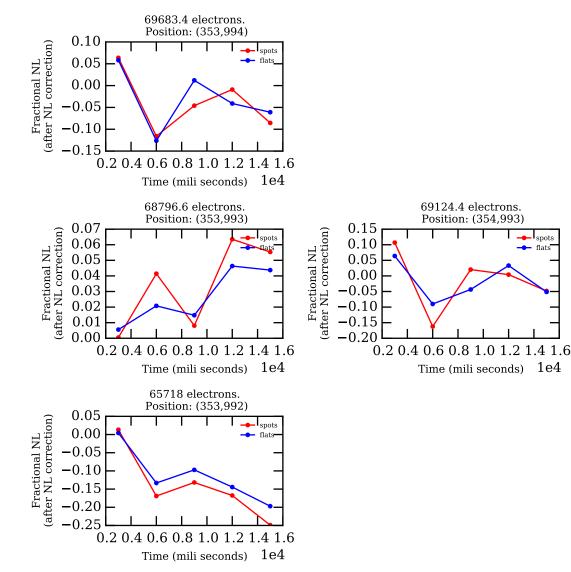


 $0.14 \\ 0.12$

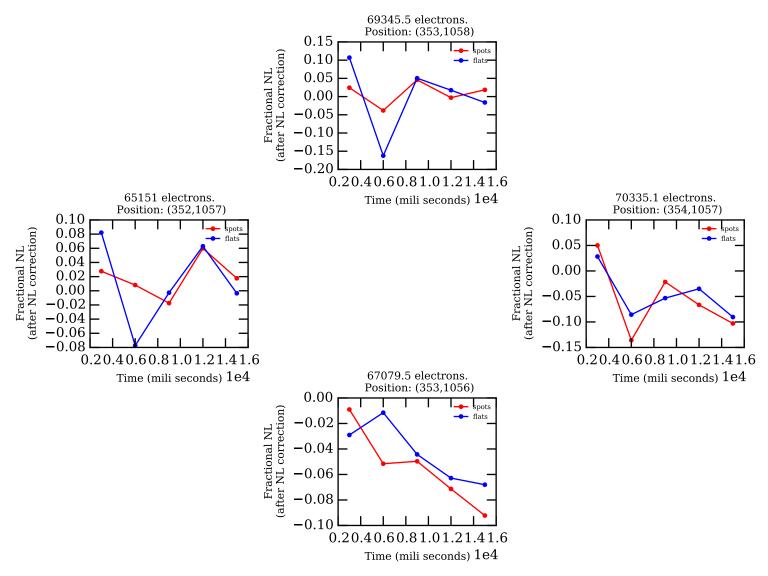
(after NL correction)

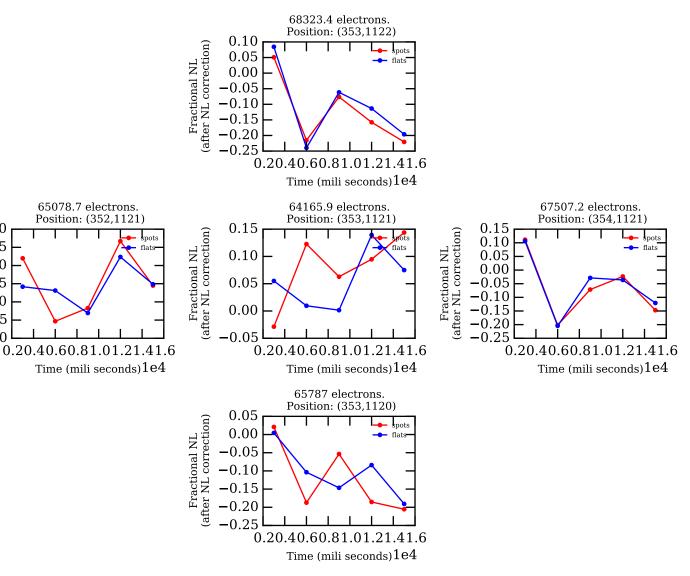






1e4





0.15

0.10

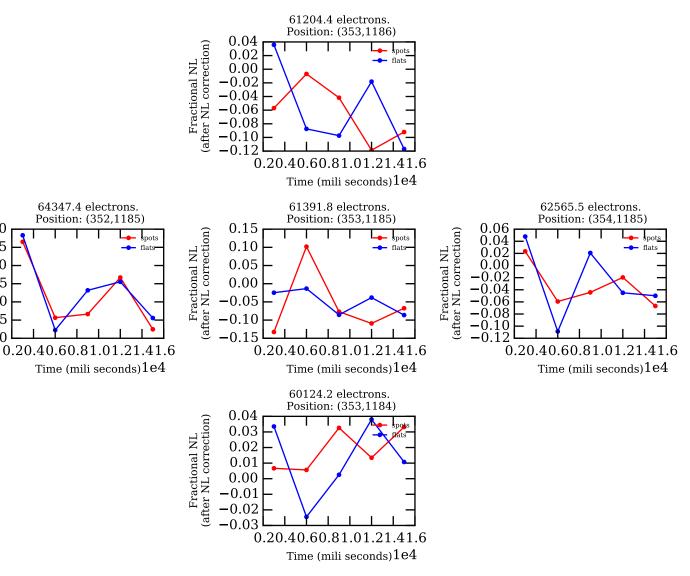
0.05

0.00

-0.05

-0.10

(after NL correction)



0.05

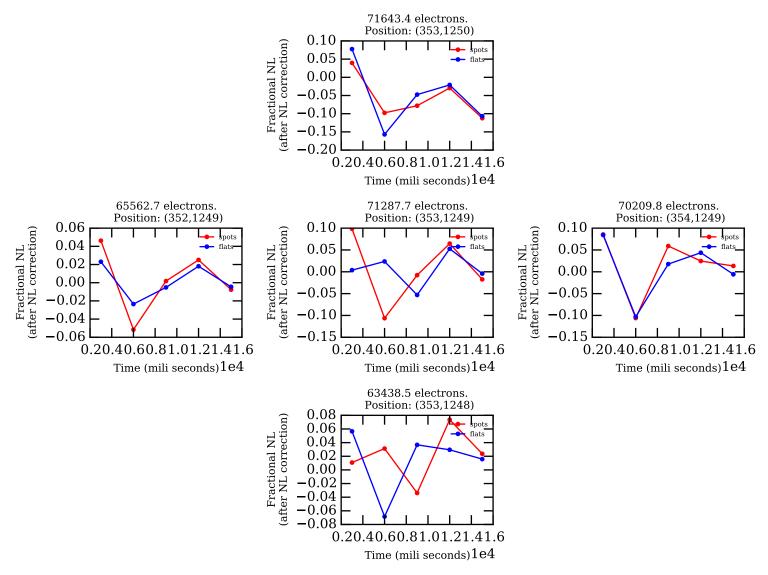
0.00

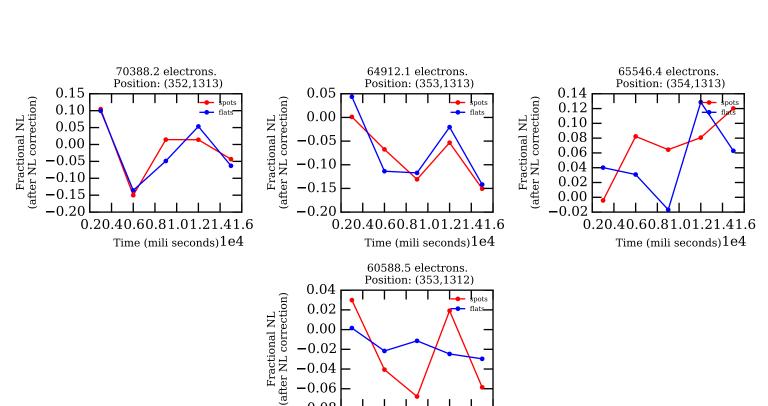
-0.05 -0.10

-0.15

-0.20

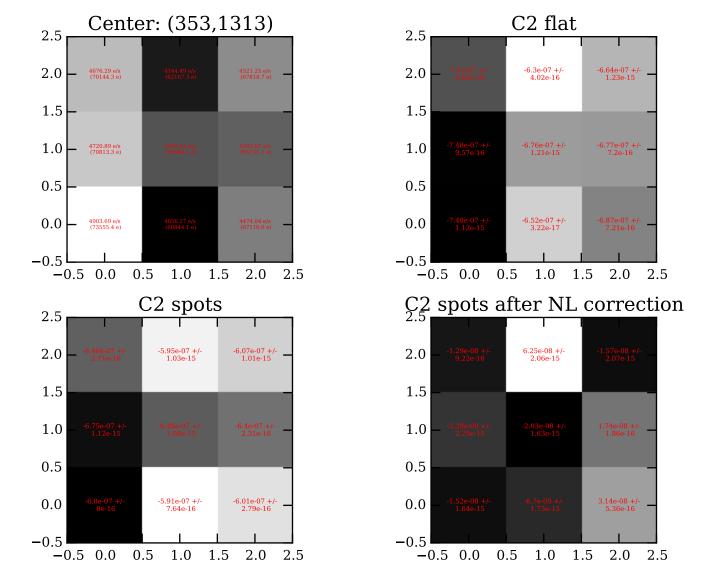
(after NL correction)

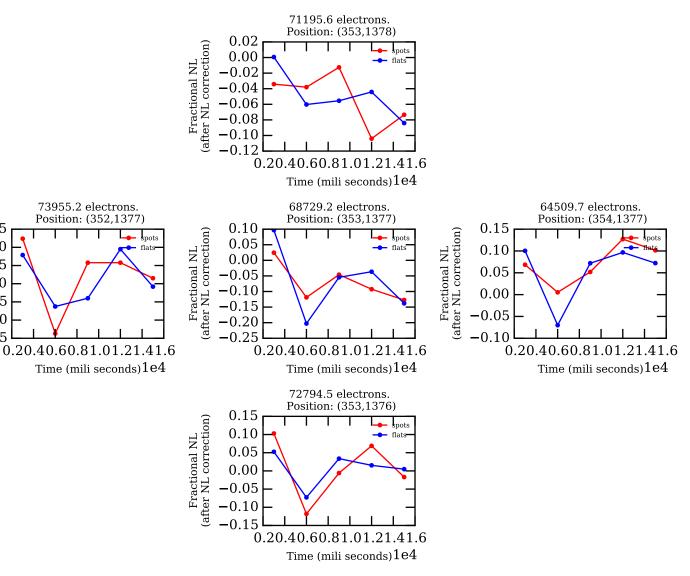




0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.08





0.10

0.05

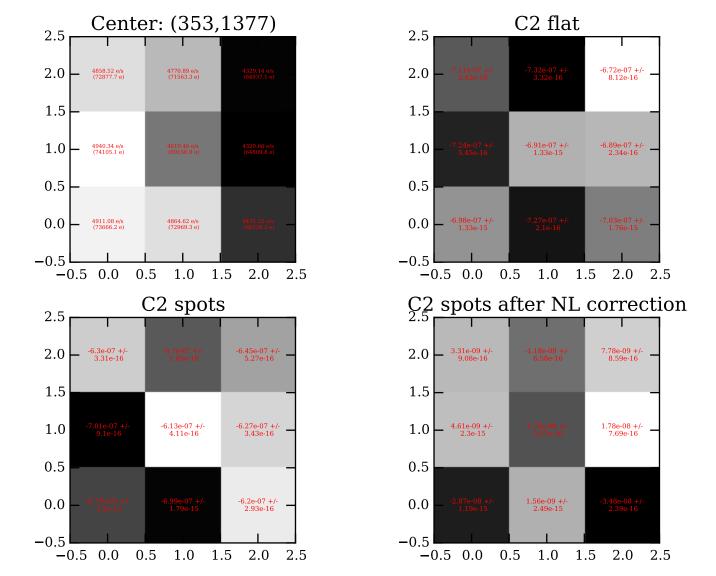
0.00

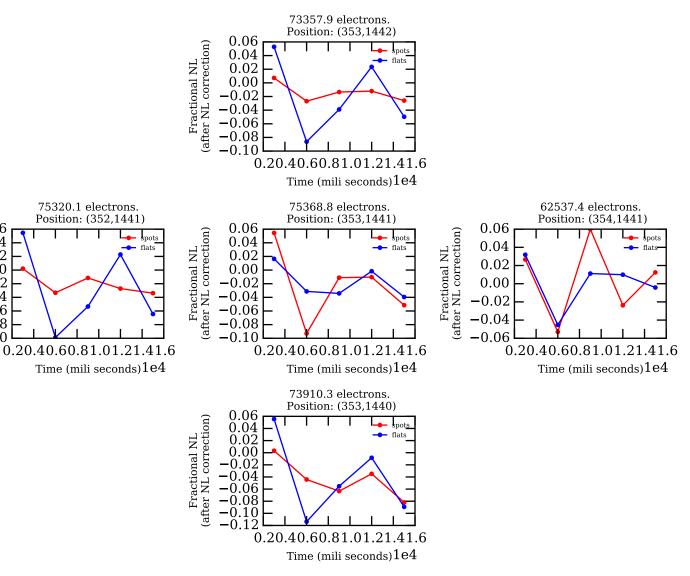
-0.05

-0.10

-0.15

(after NL correction)





0.04

0.02

0.00

-0.02

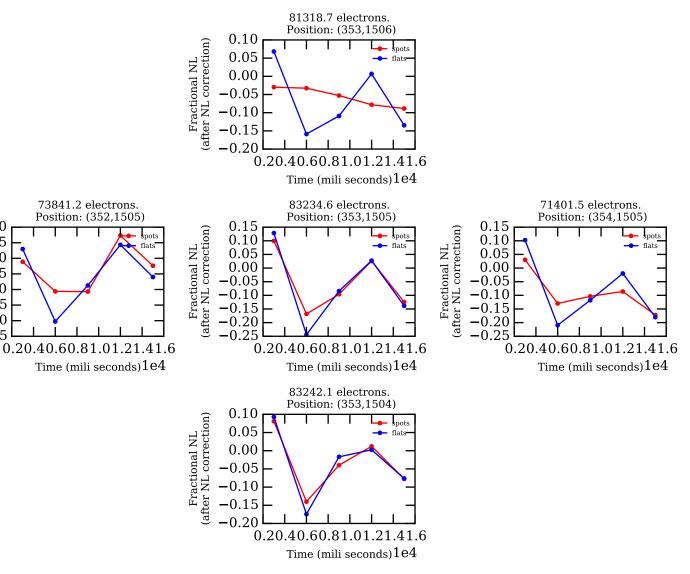
-0.04

-0.06

-0.08

-0.10

(after NL correction)



0.15

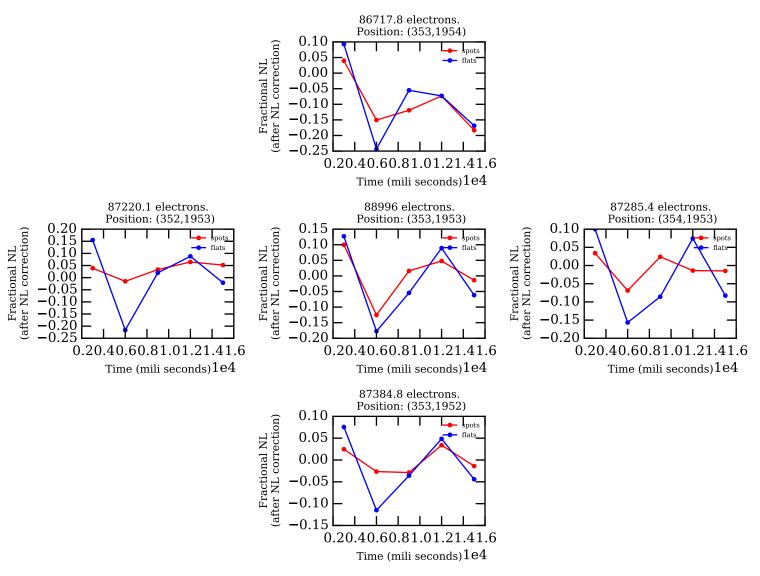
0.10

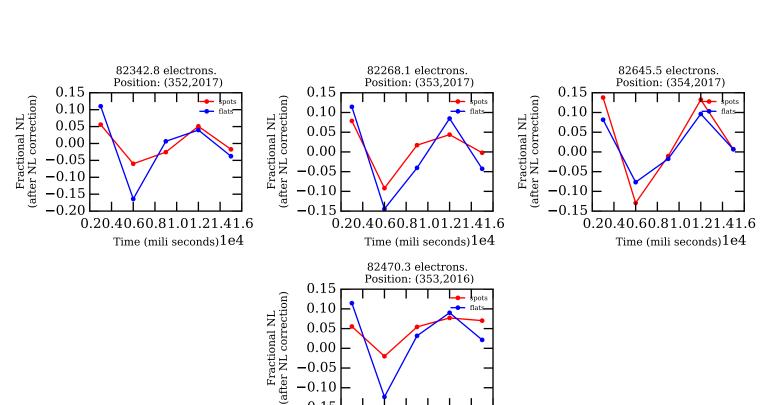
0.05

0.00 -0.05 -0.10

-0.15

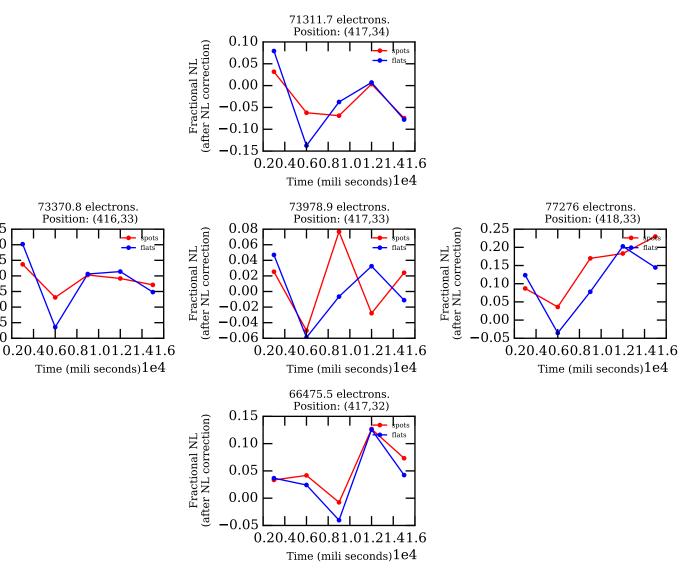
(after NL correction)





0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.15



0.10

0.05

0.00

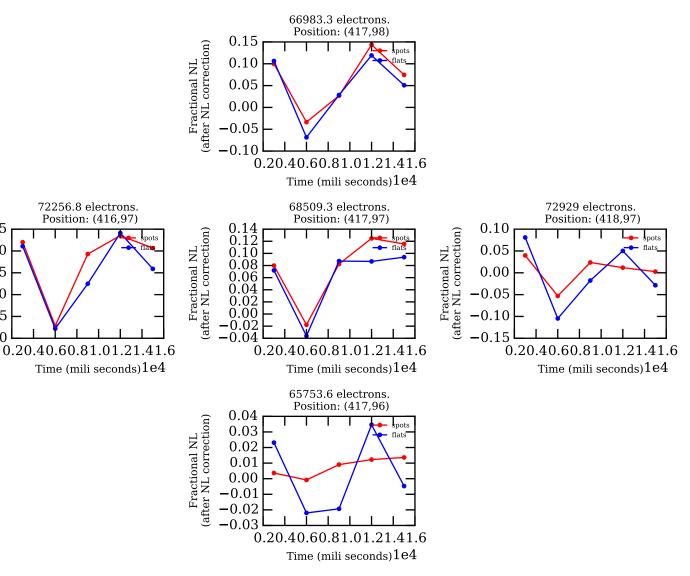
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

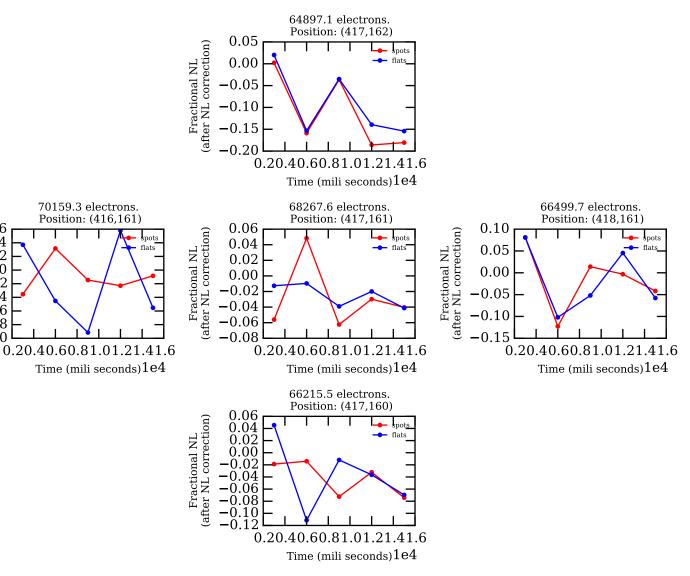
0.05

0.00

-0.05

-0.10

(after NL correction)



0.04

0.02

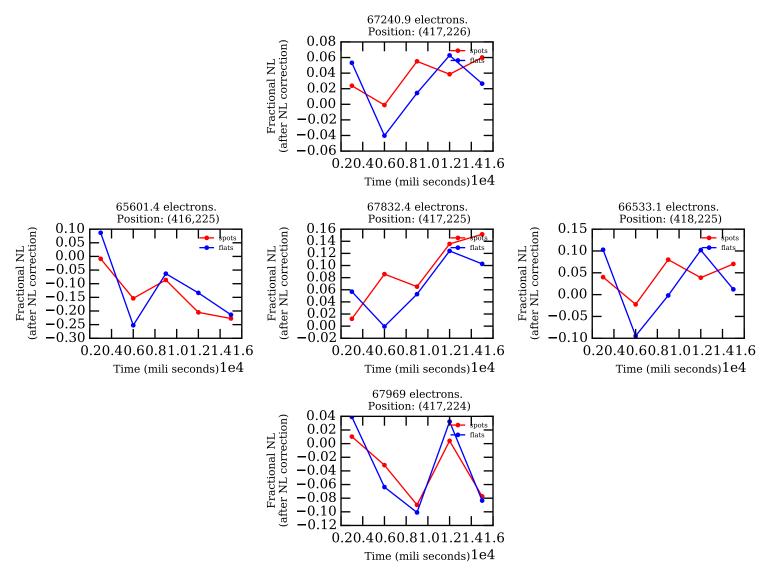
0.00

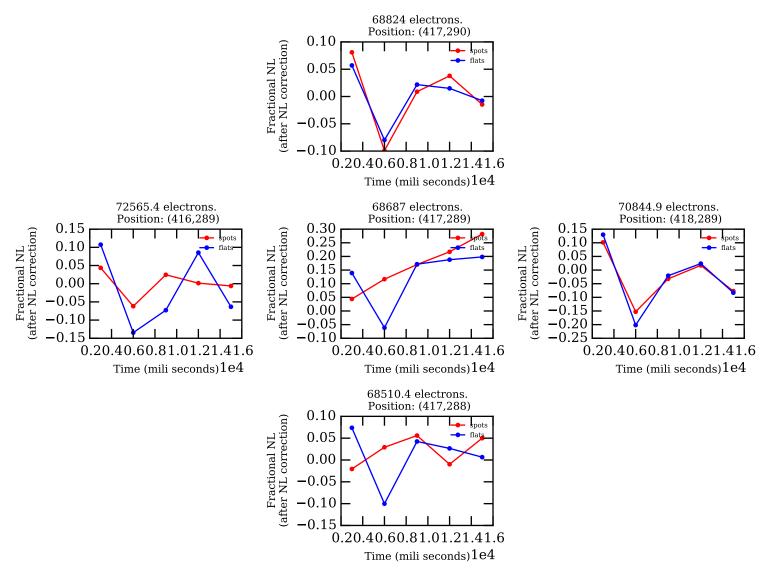
-0.06

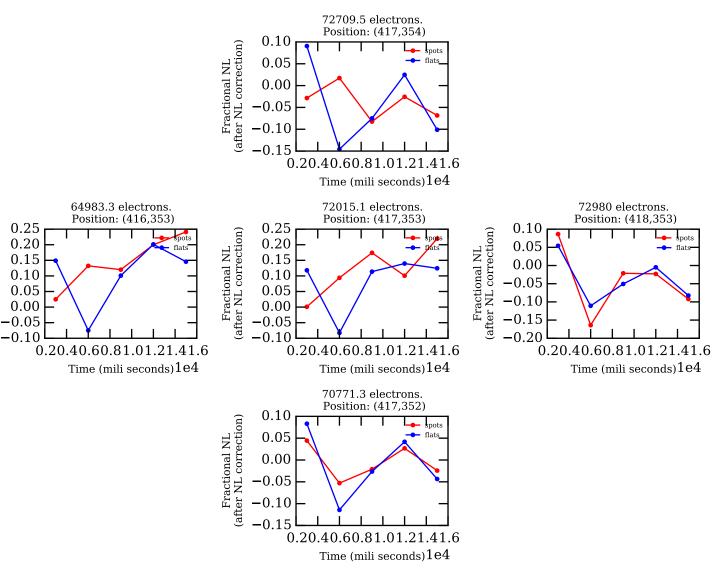
-0.08

-0.10

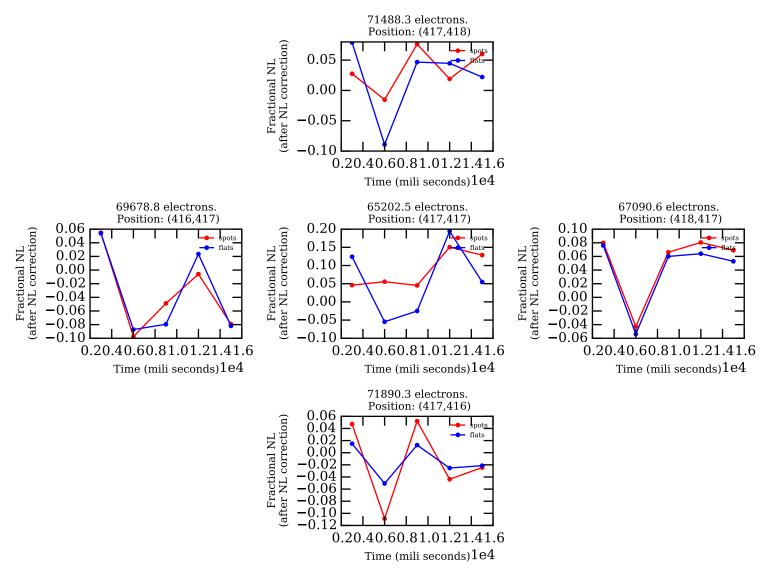
(after NL correction)

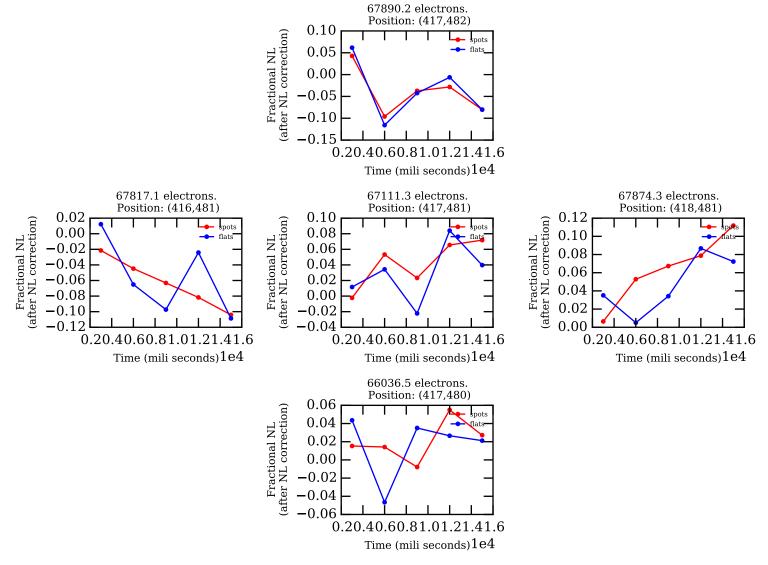


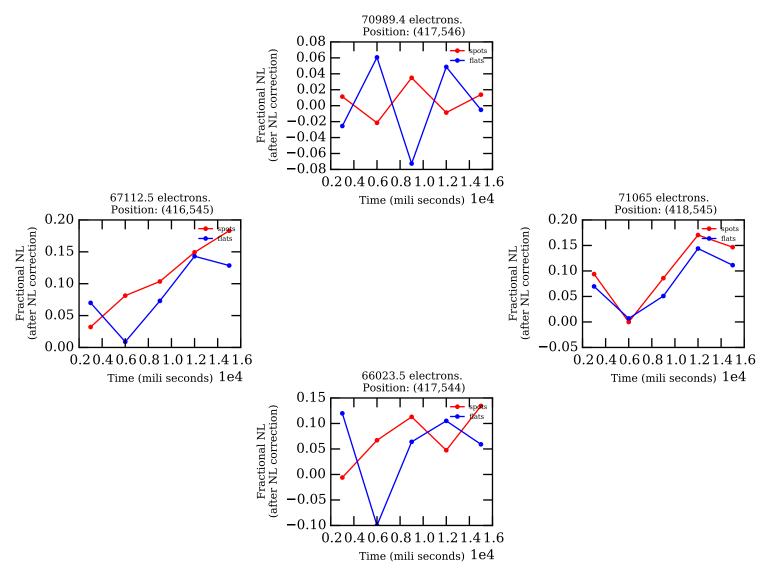


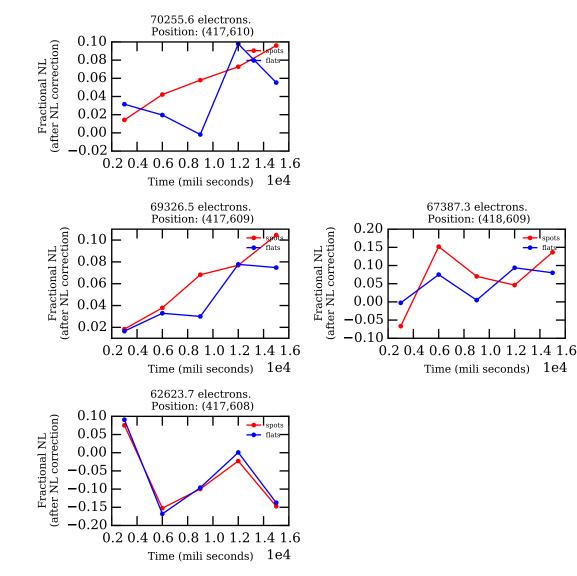


(after NL correction)

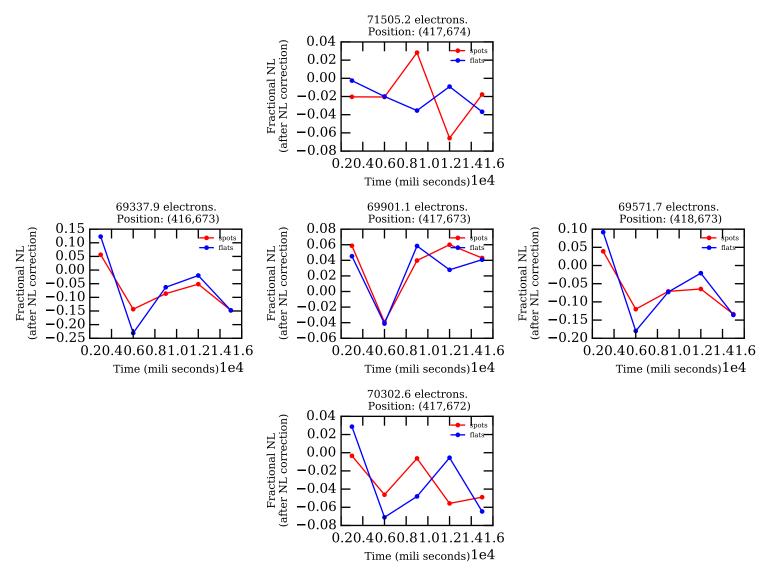


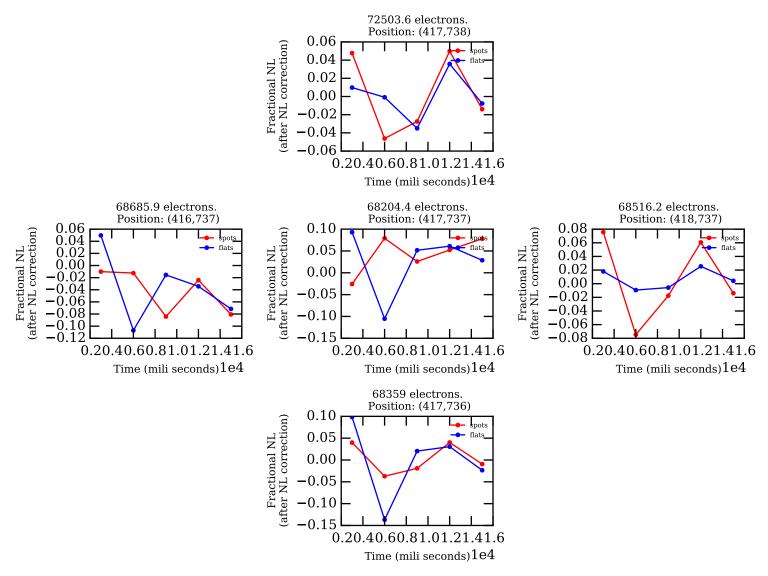


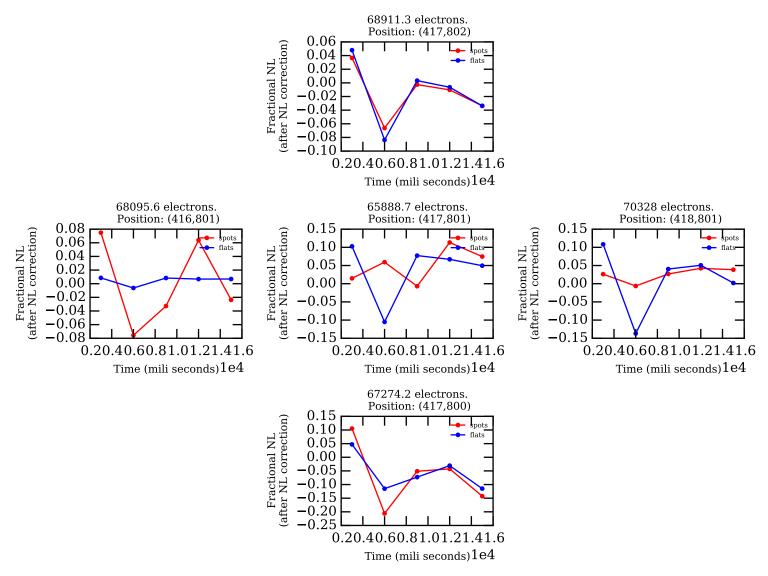


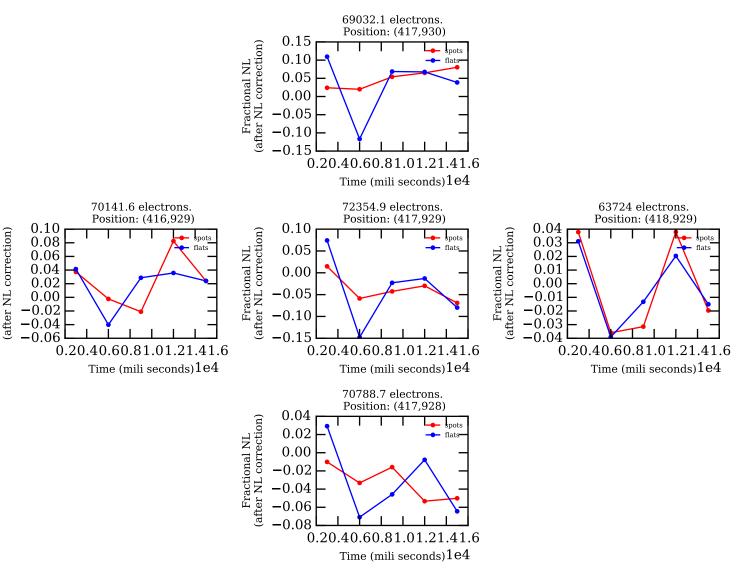


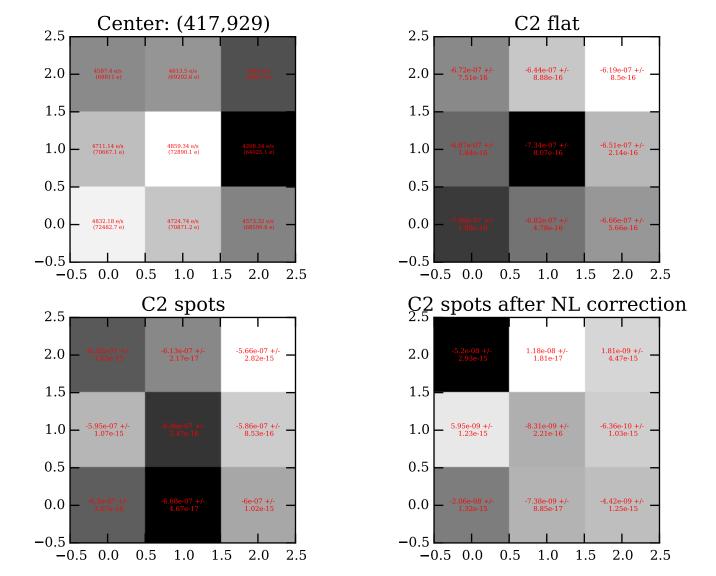
1e4

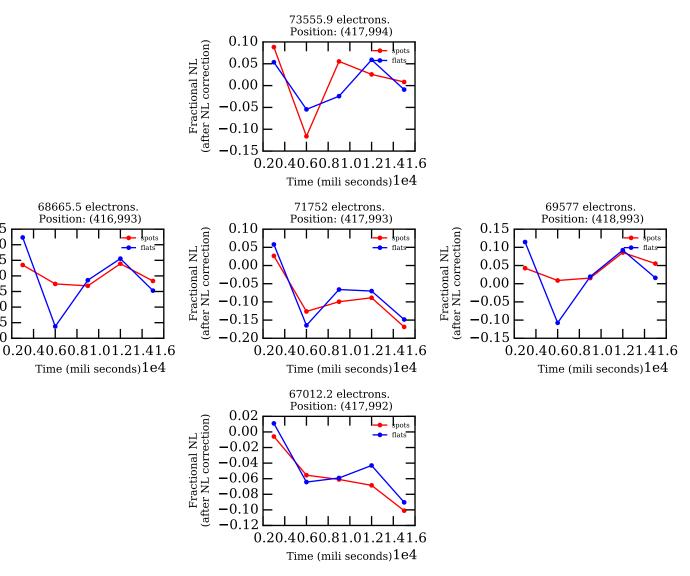












0.10

0.05

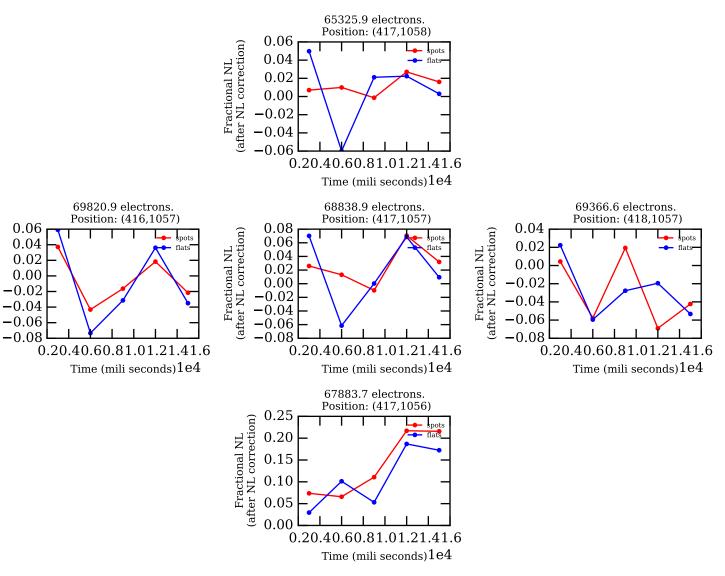
0.00

-0.05

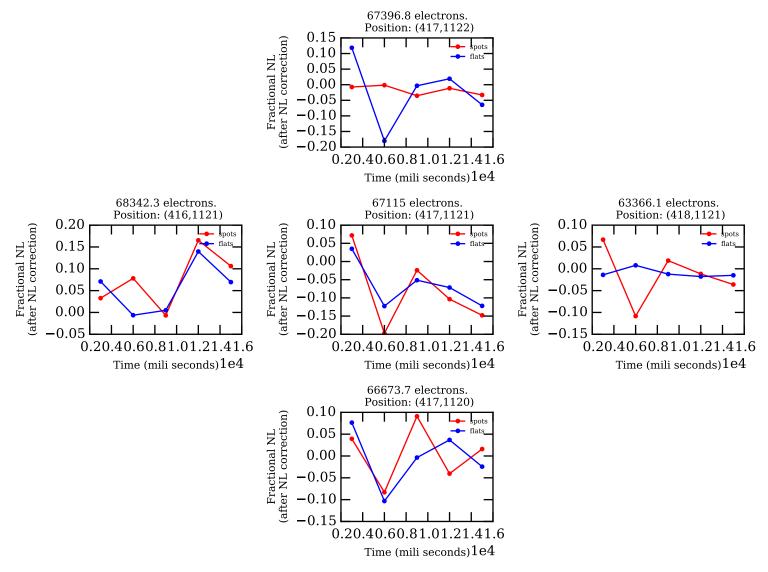
-0.10

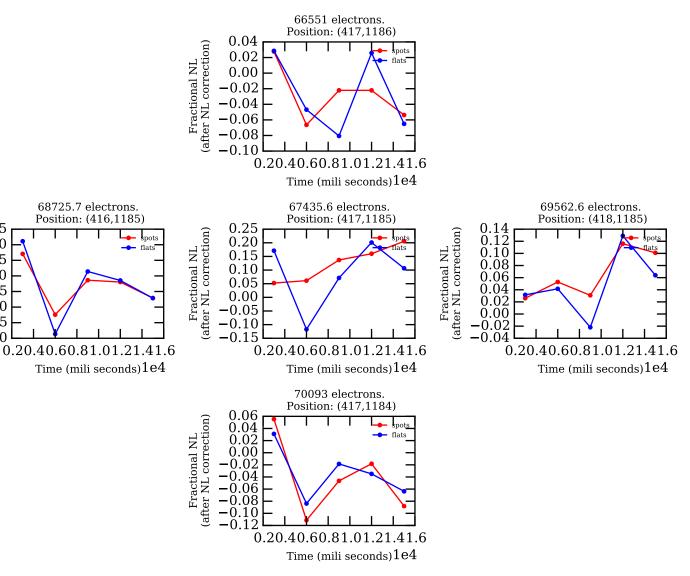
-0.15 -0.20

(after NL correction)



(after NL correction)





0.10

0.05

0.00

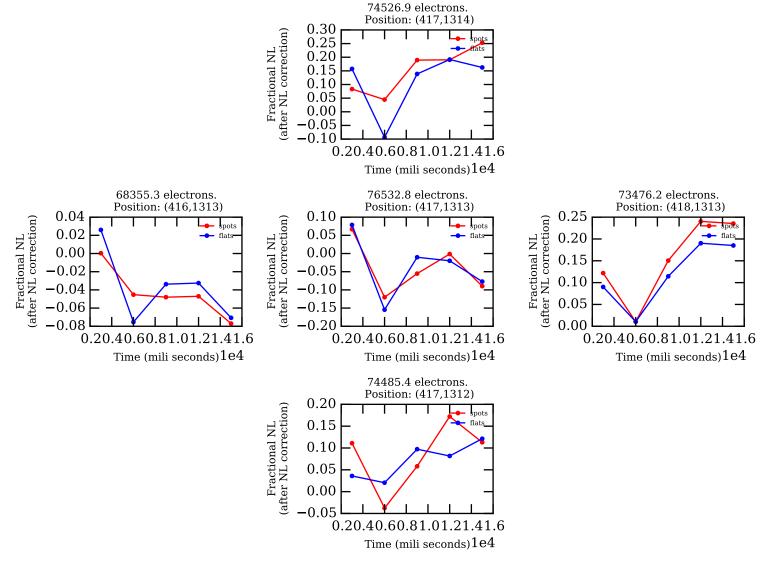
-0.05

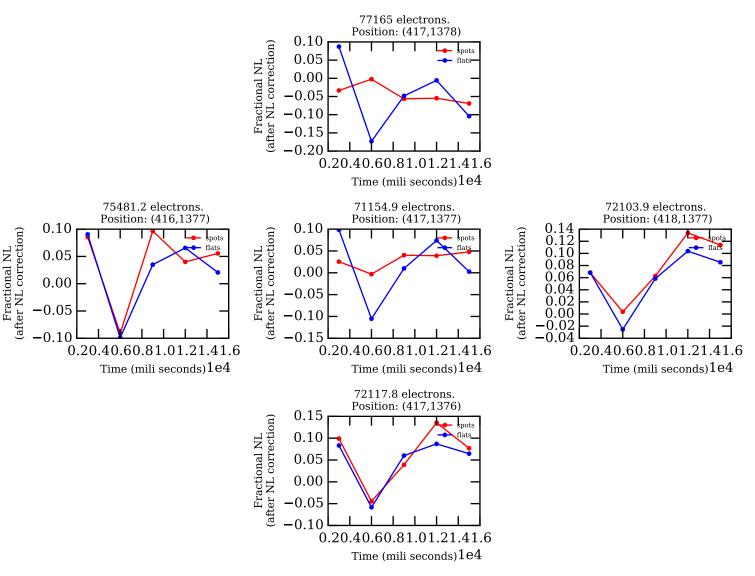
-0.10

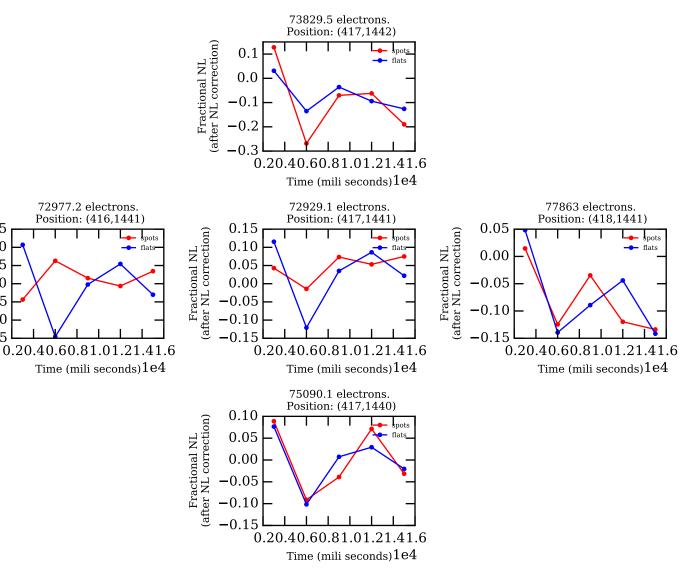
-0.15

-0.20

(after NL correction)







0.10

0.05

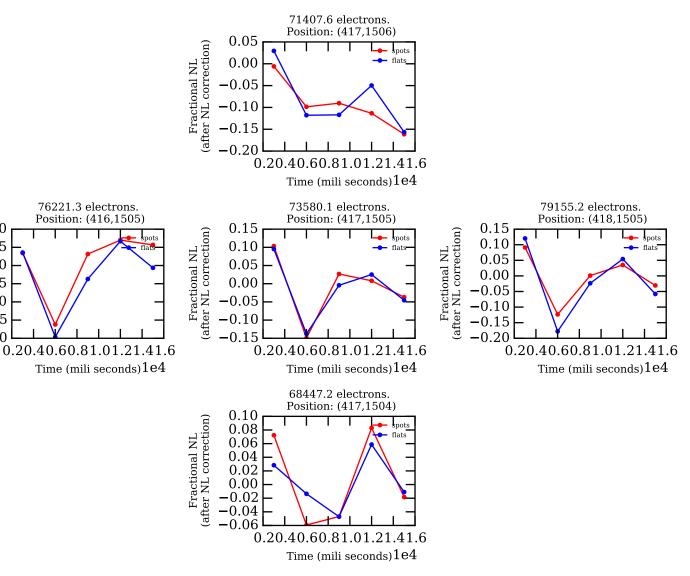
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.15

0.10

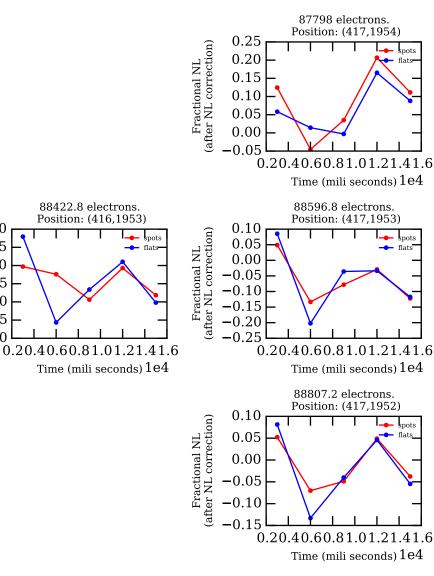
0.05

0.00

-0.05

-0.10

(after NL correction)



88422.8 electrons.

0.10

0.05

0.00

-0.05

-0.10

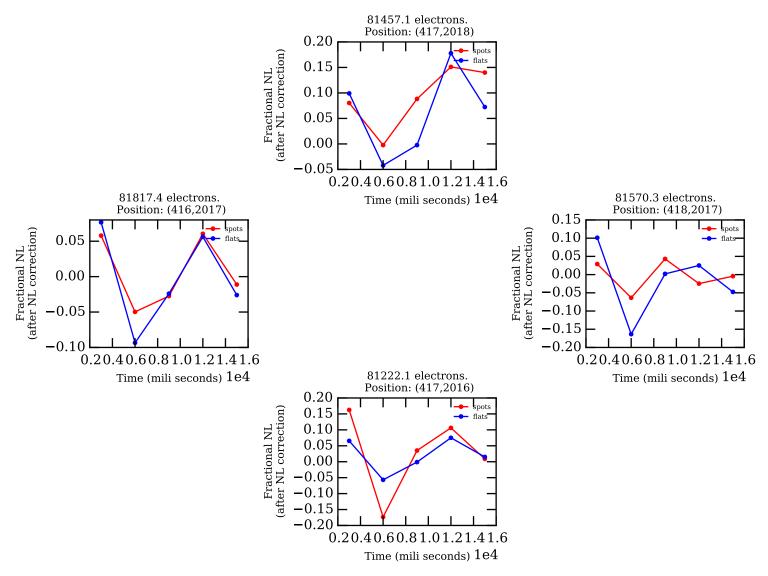
-0.15

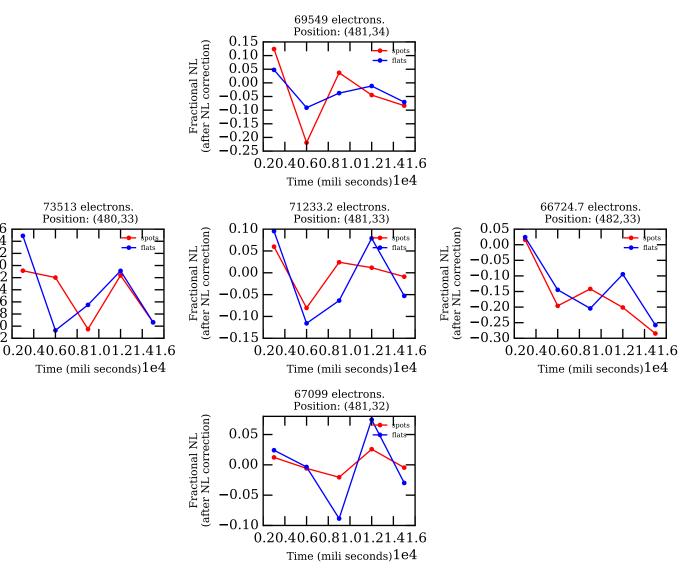
-0.20

(after NL correction)

Fractional NL

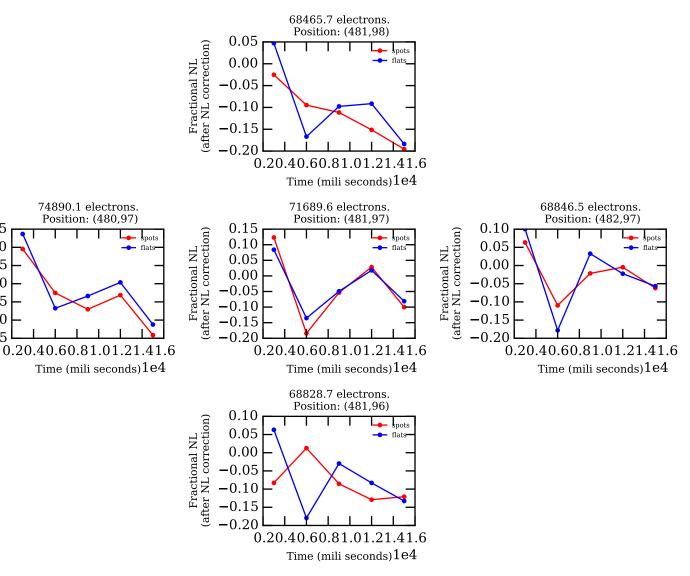
Position: (416,1953)





 $0.04 \\ 0.02$

(after NL correction)



0.00

-0.05

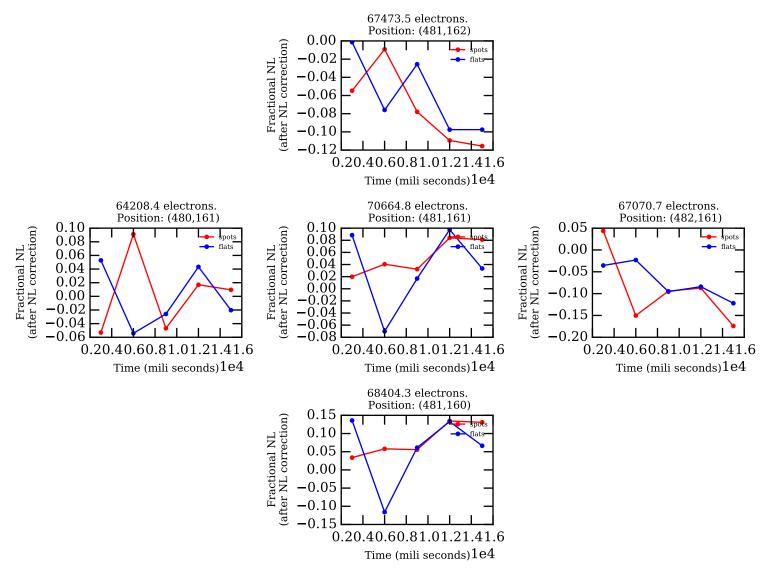
-0.10

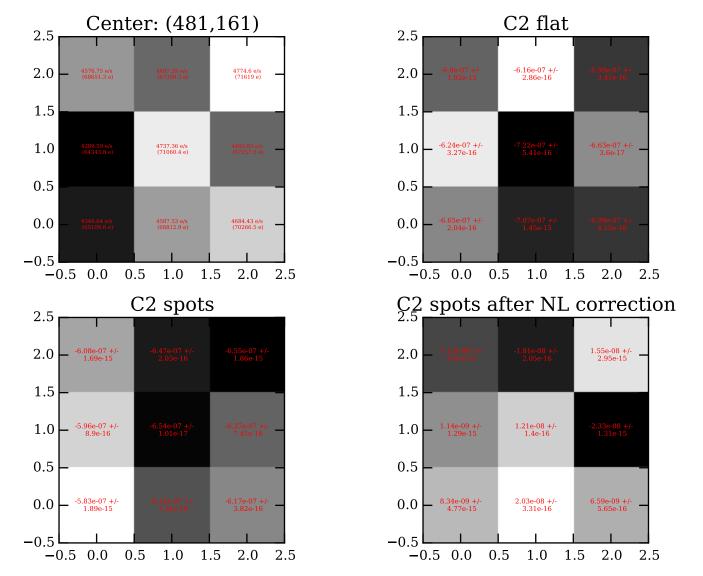
-0.15

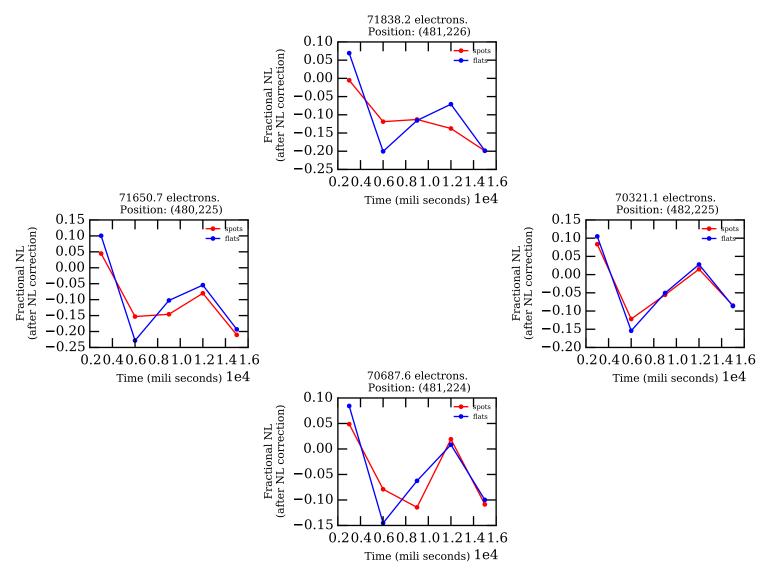
-0.20

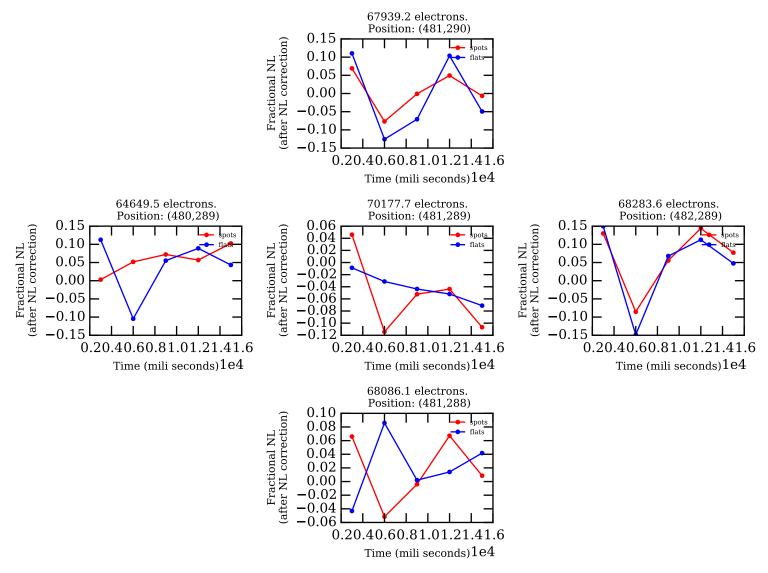
-0.25

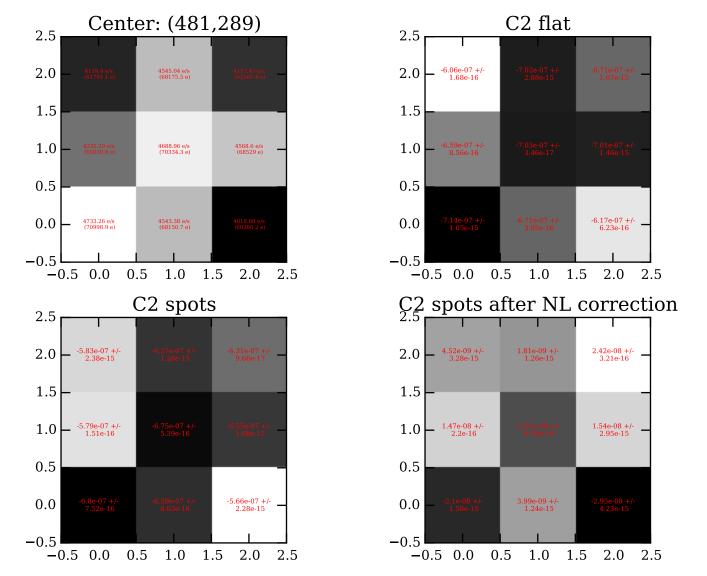
(after NL correction)

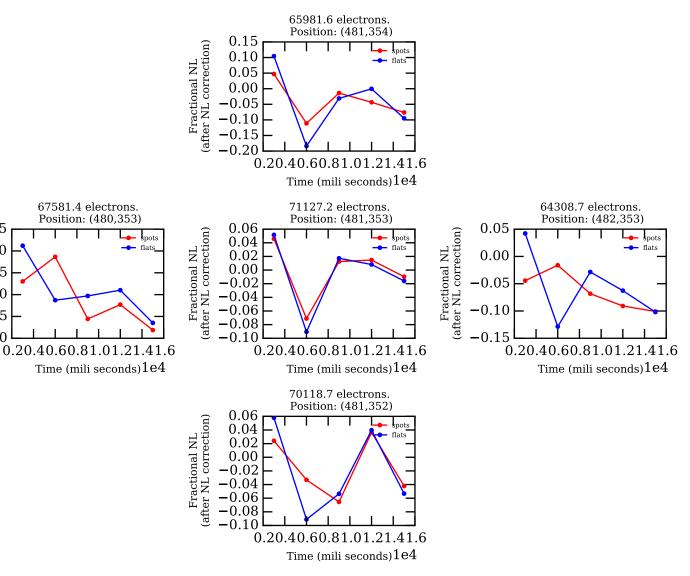












0.00

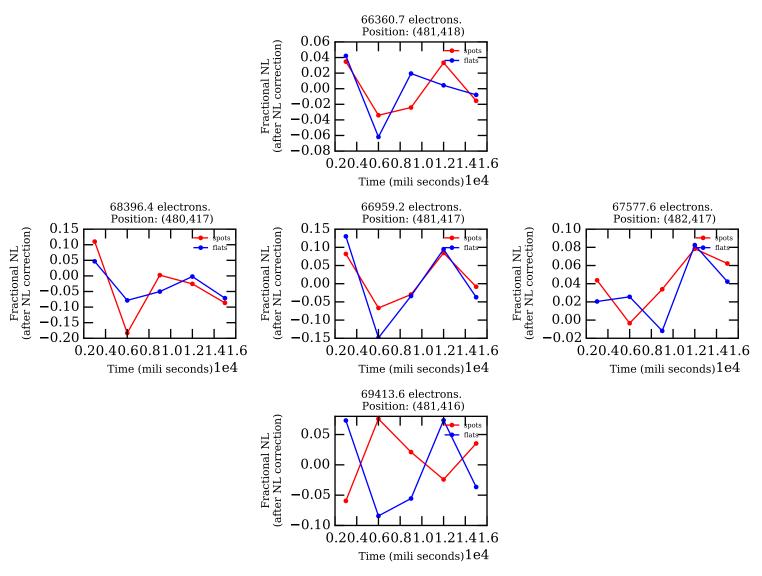
-0.05

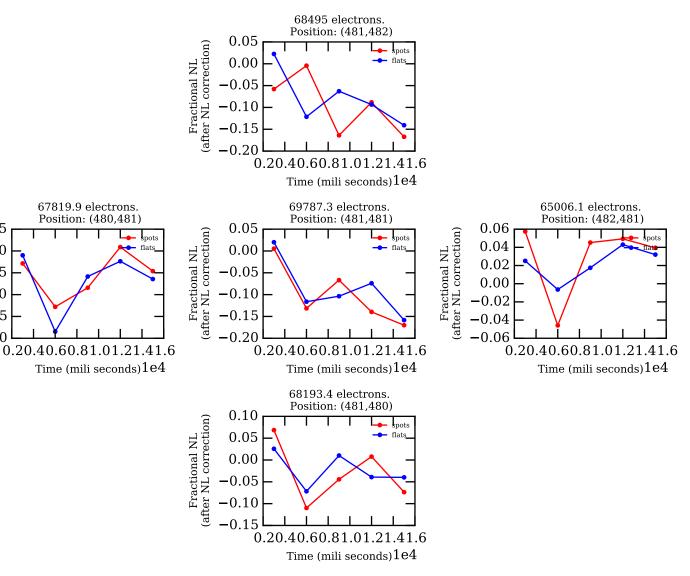
-0.10

-0.15

-0.20

(after NL correction)





0.10

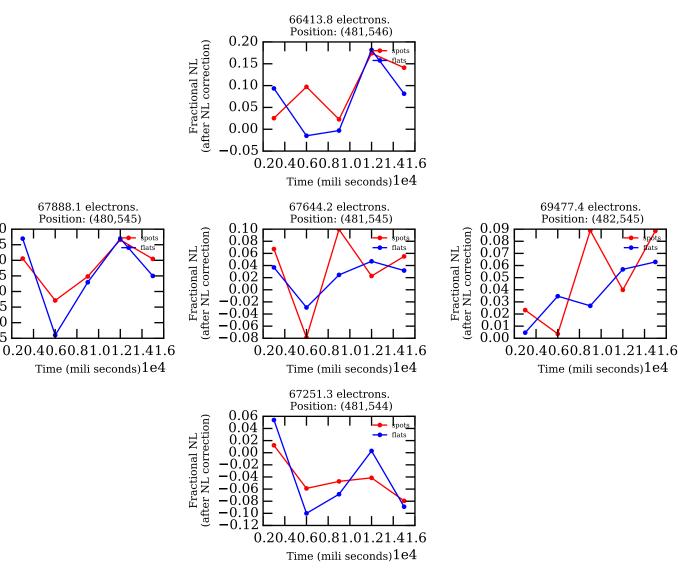
0.05

0.00

-0.05

-0.10

(after NL correction)



0.15

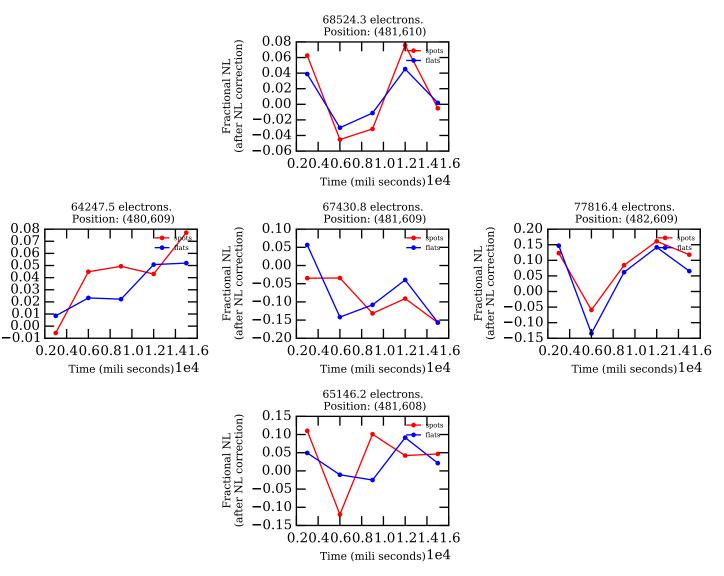
0.10

0.05

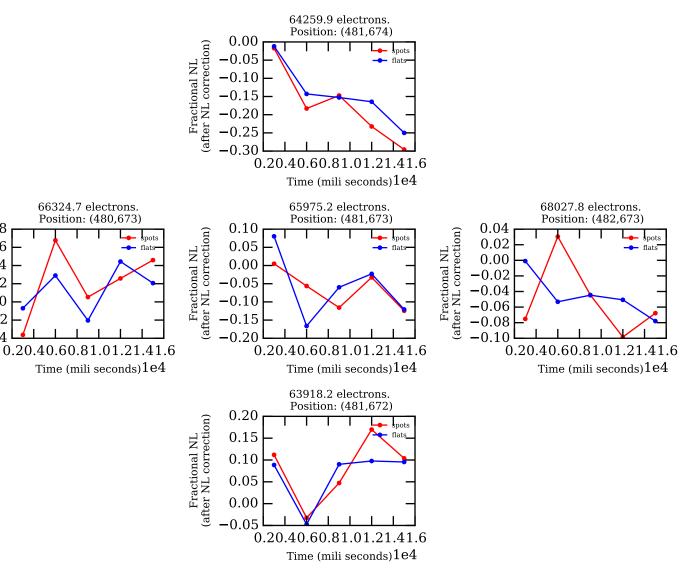
 $0.00 \\ -0.05$

-0.10 -0.15

(after NL correction)



(after NL correction)



0.06

0.04

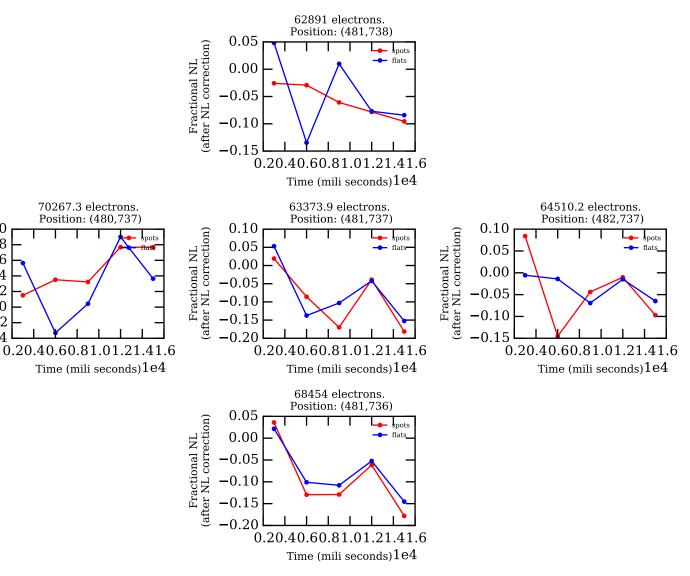
0.02

0.00

-0.02

-0.04

(after NL correction)



0.08

0.06

0.04

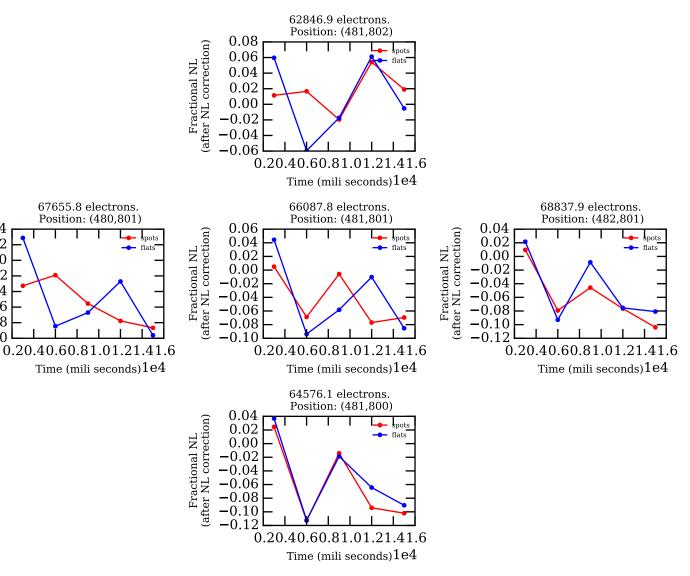
0.02

0.00

-0.02

-0.04

(after NL correction)



0.02

0.00

-0.02

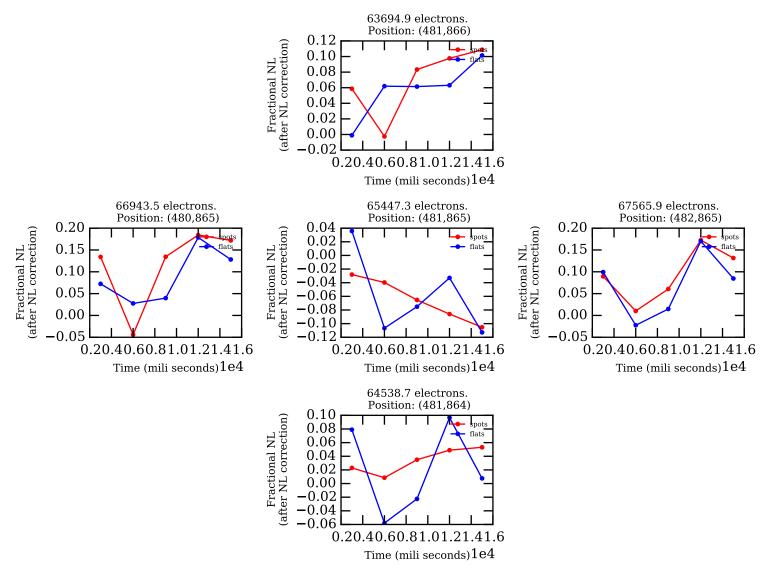
-0.04

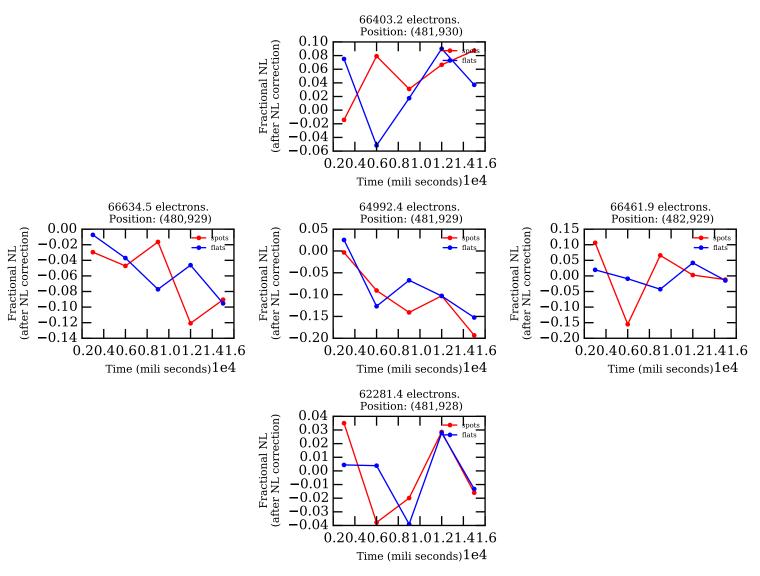
-0.06

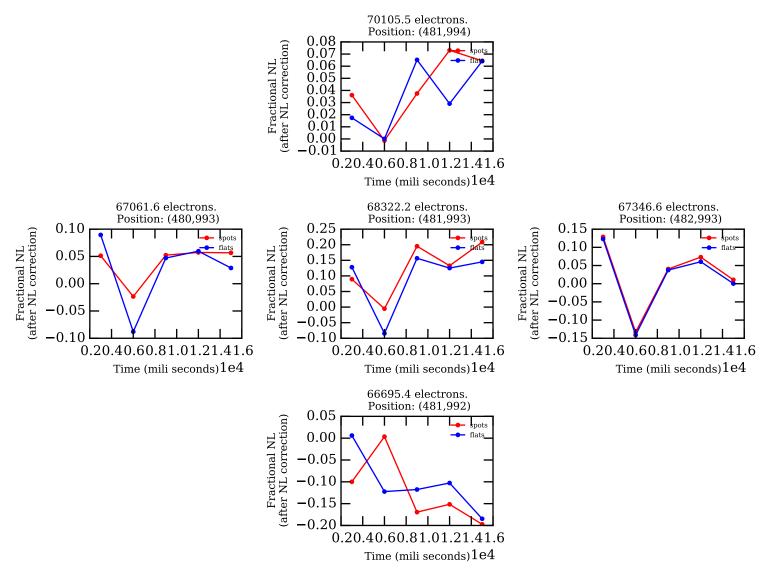
-0.08

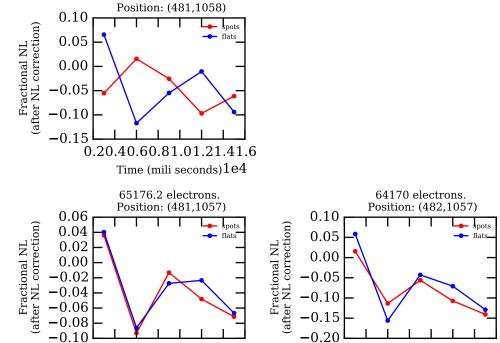
-0.10

(after NL correction)



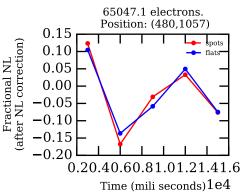


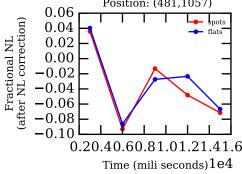




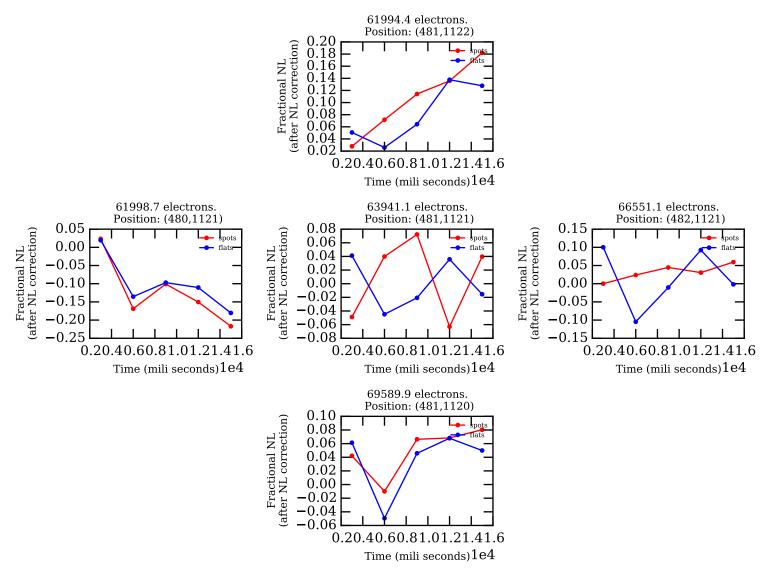
0.20.40.60.81.01.21.41.6

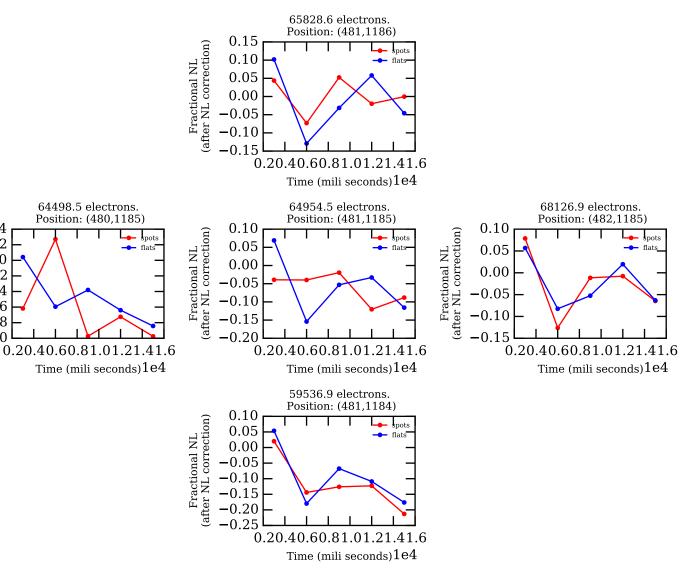
Time (mili seconds) 1e4





63404.7 electrons.





0.02

0.00

-0.02

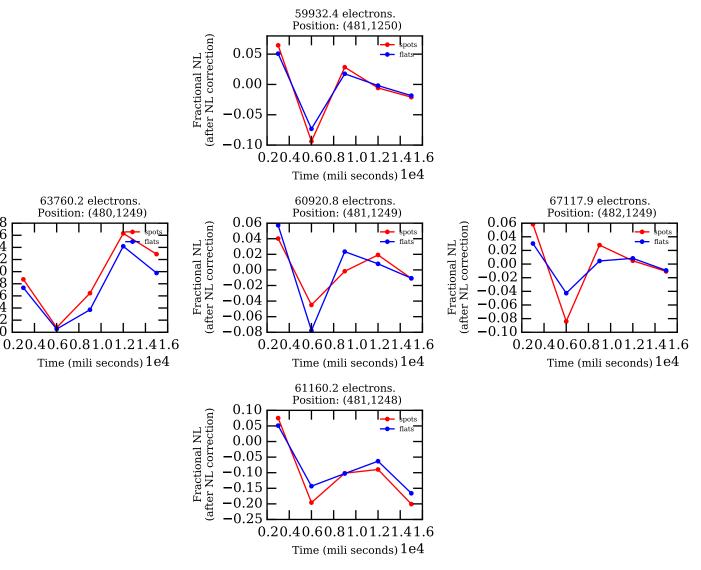
-0.04

-0.06

-0.08

-0.10

(after NL correction)

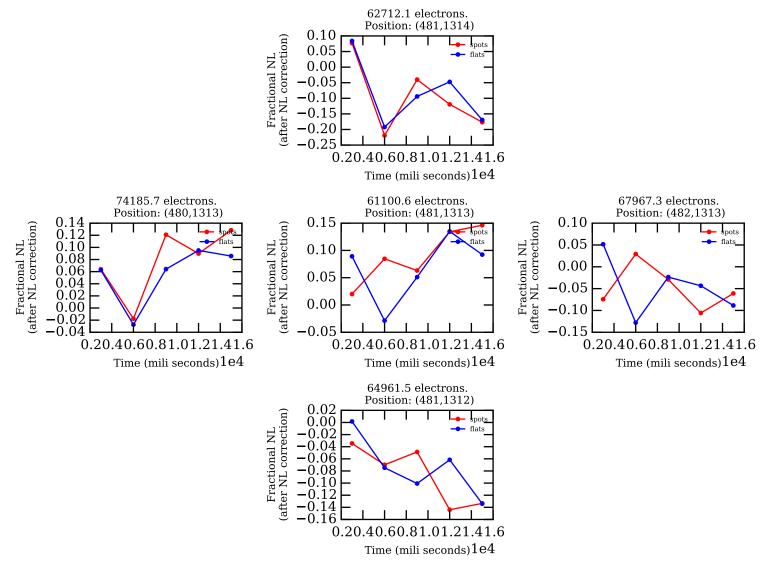


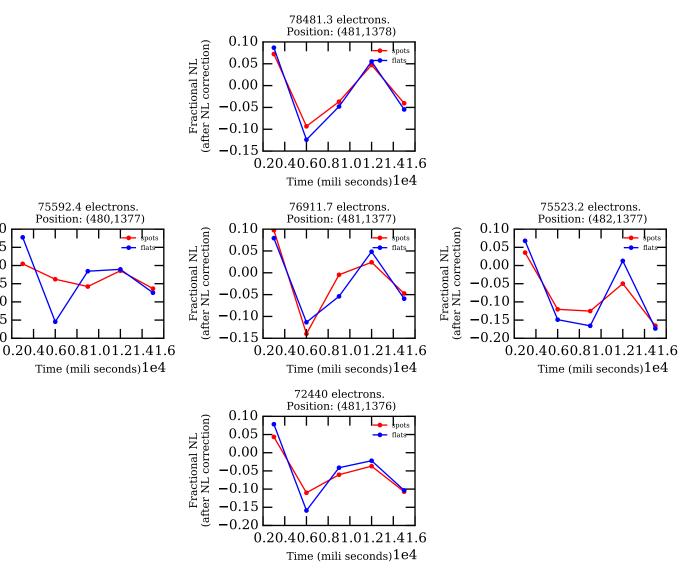
 $0.18 \\ 0.16$

0.14

0.12 0.10 0.08 0.06 0.04 0.02 0.00

(after NL correction)





0.05

0.00

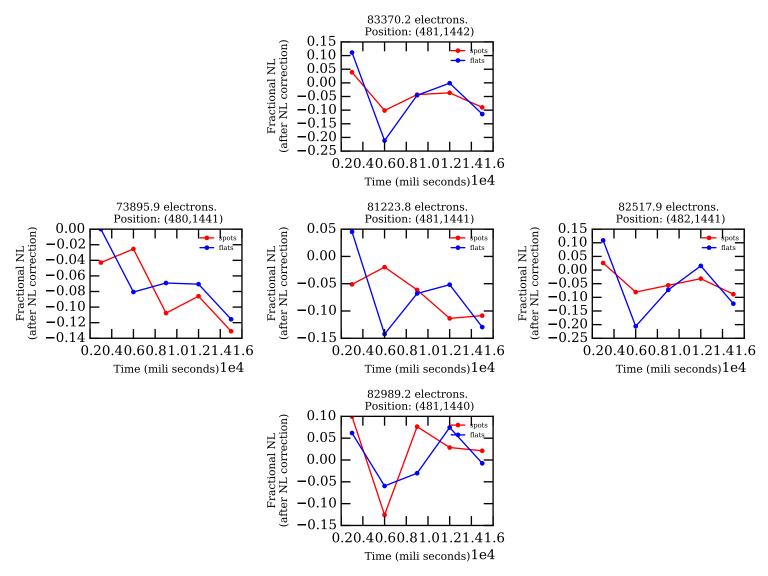
-0.05

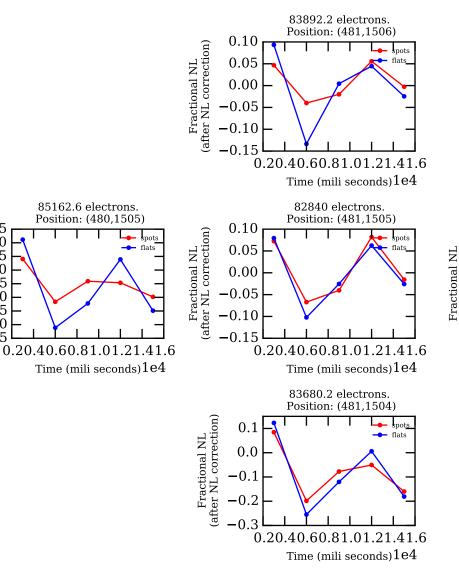
-0.10

-0.15

-0.20

(after NL correction)





88128.3 electrons.

Position: (482,1505)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

0.2

0.1

0.0

-0.1

-0.2

-0.

(after NL correction)

85162.6 electrons.

Position: (480,1505)

0.15

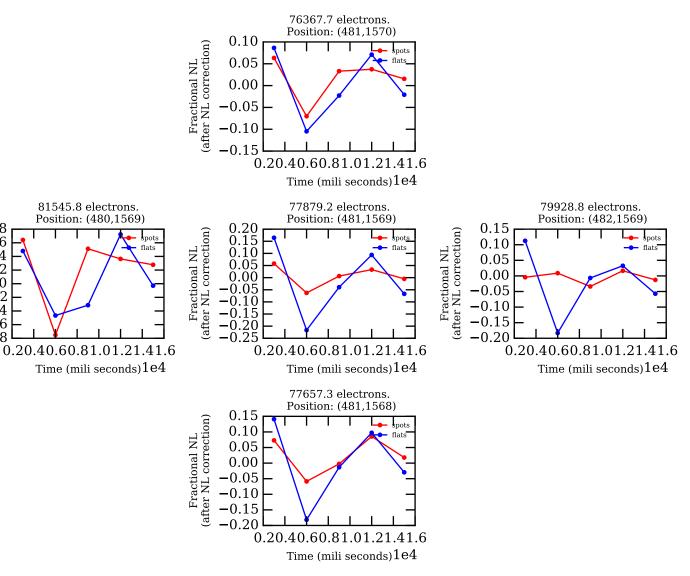
0.10

0.05 0.00

-0.05

-0.25

(after NL correction)



0.06

0.04

0.02

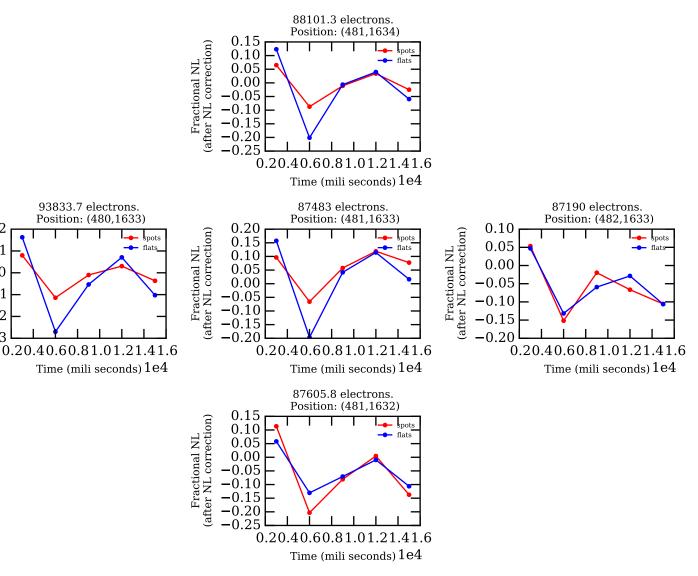
0.00

-0.04

-0.06

-0.08

(after NL correction)



0.1

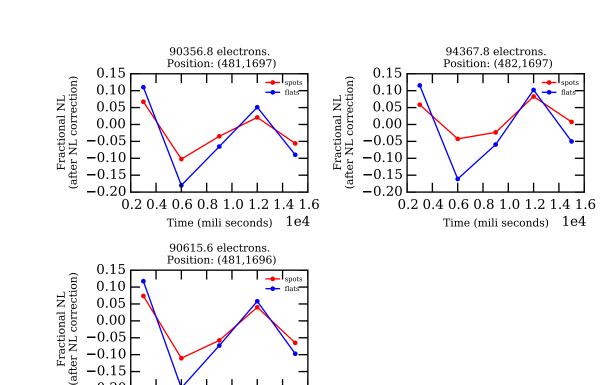
0.0

-0.1

-0.2

-0.3

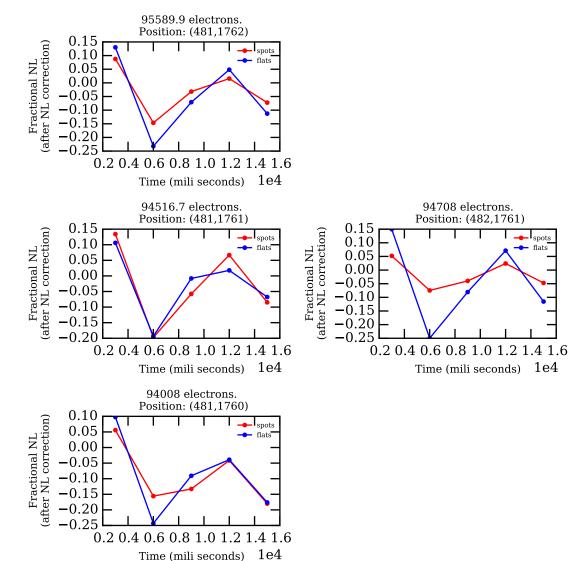
(after NL correction)

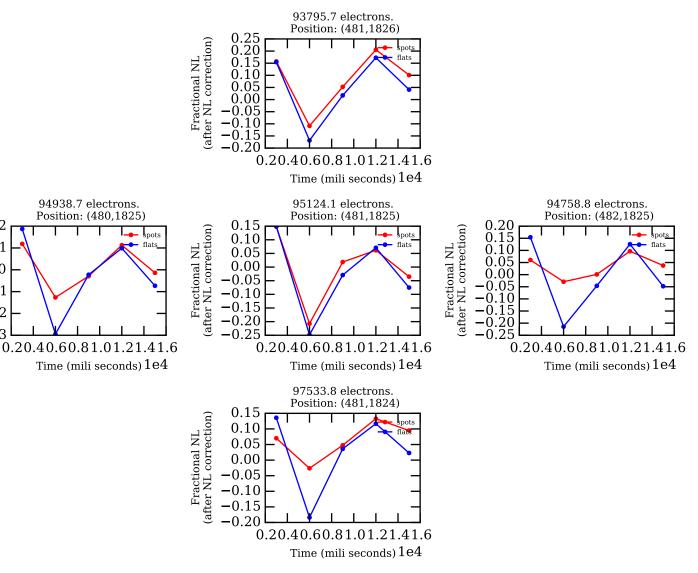


1e4

-0.20

0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 Time (mili seconds)





0.1

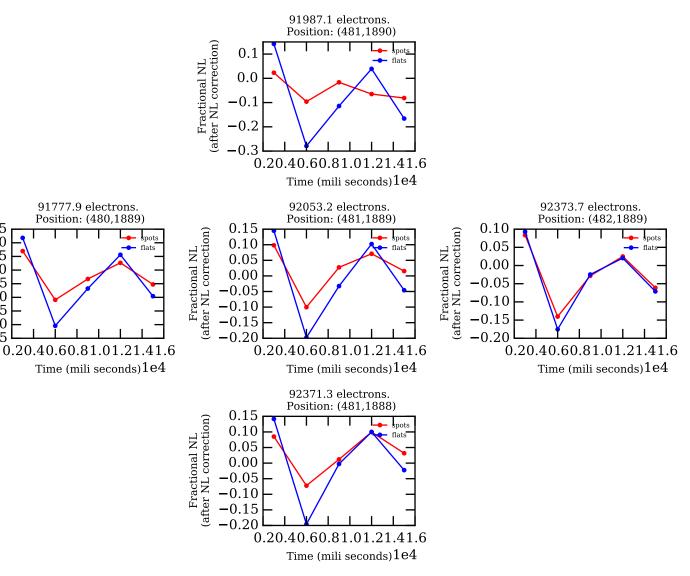
0.0

-0.1

-0.2

-0.3

(after NL correction)



91777.9 electrons.

0.15

0.10

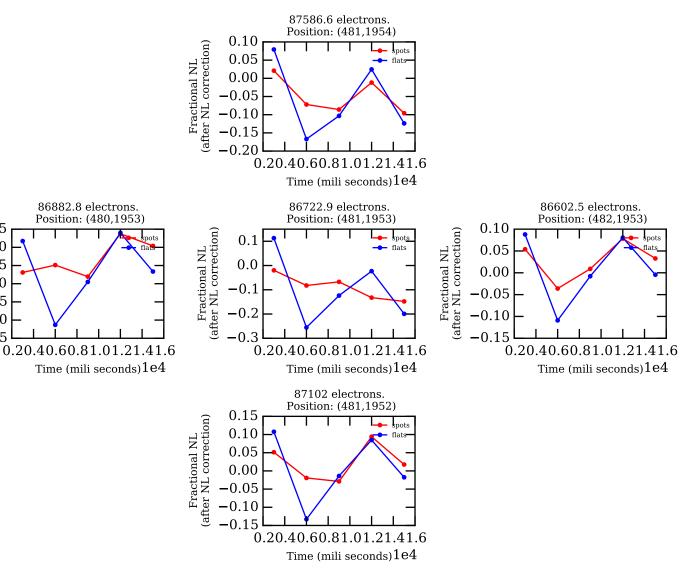
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

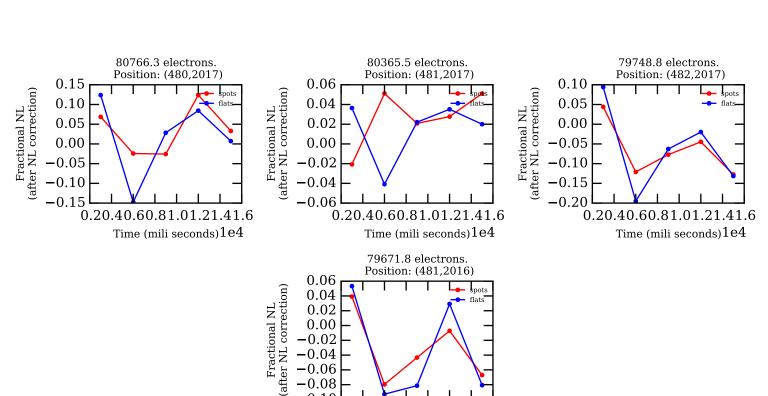
0.05

0.00

-0.05

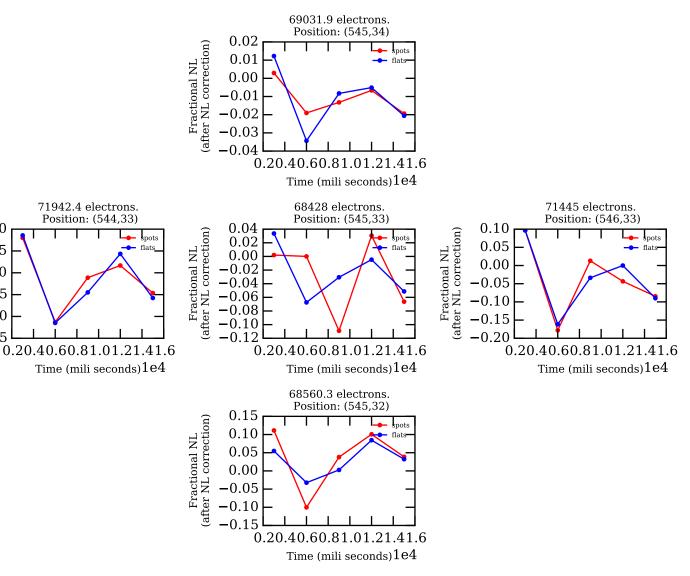
-0.10 -0.15

(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.10



0.05

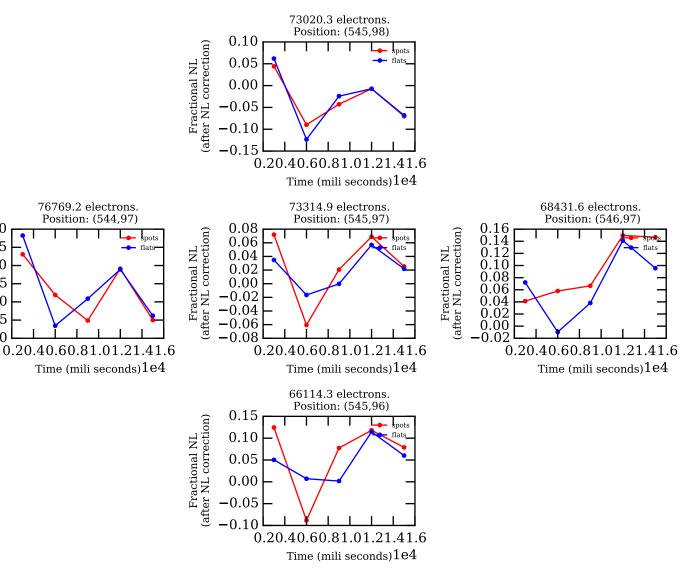
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

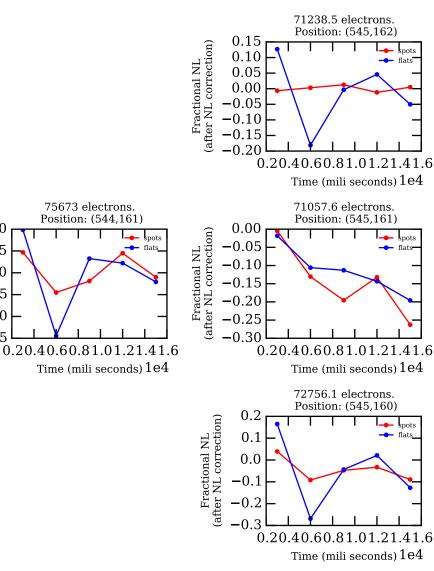
0.00

-0.05 -0.10

-0.15

-0.20

(after NL correction)



75673 electrons. Position: (544,161)

0.10

0.05

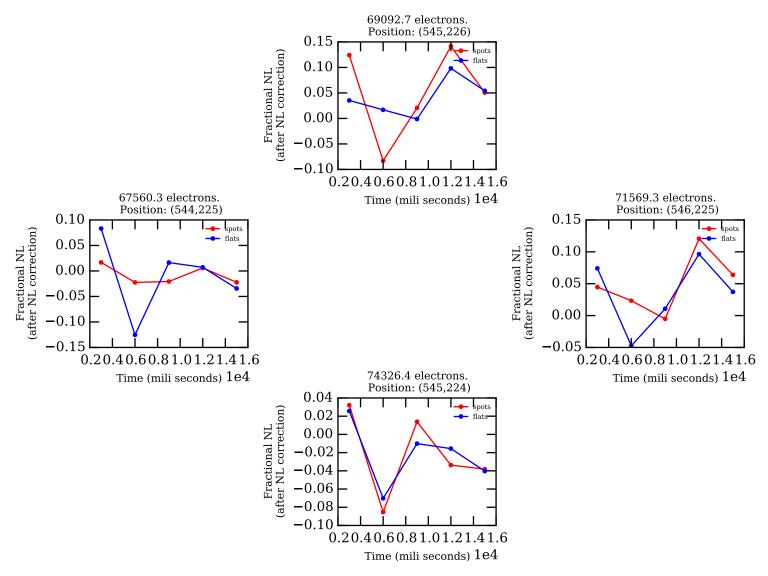
0.00

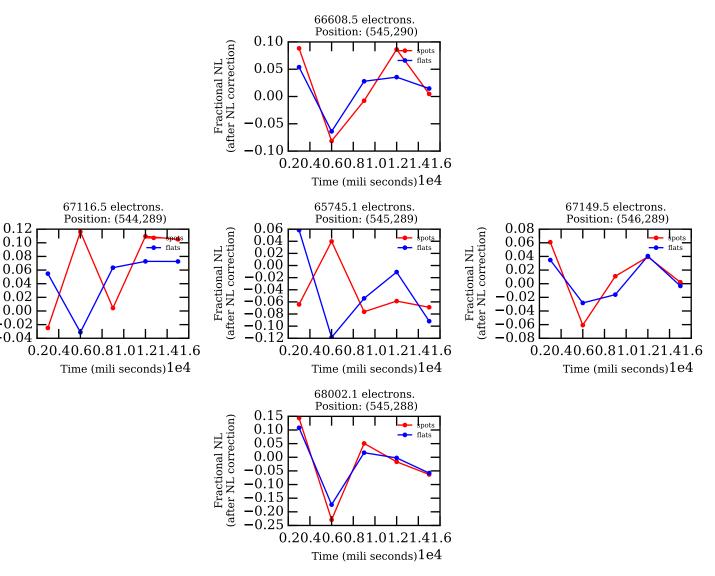
-0.05

-0.10

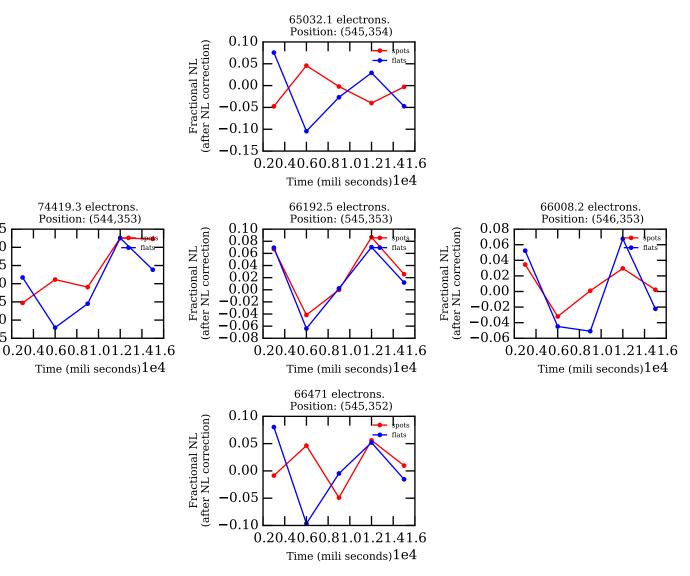
-0.15

(after NL correction)





(after NL correction)



0.20

0.15

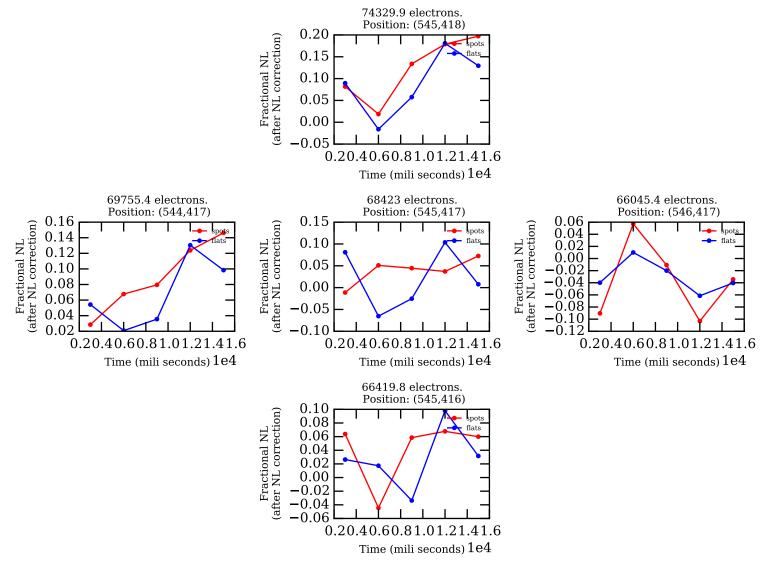
0.10

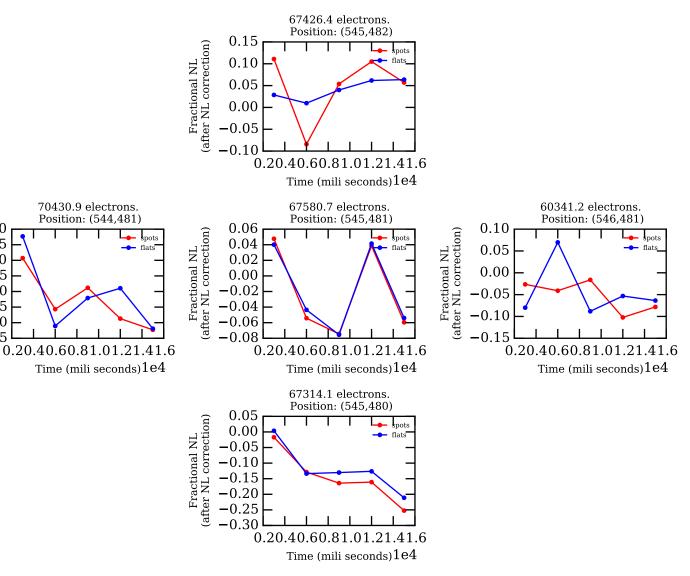
0.05

0.00

-0.05

(after NL correction)





0.05

0.00

-0.05

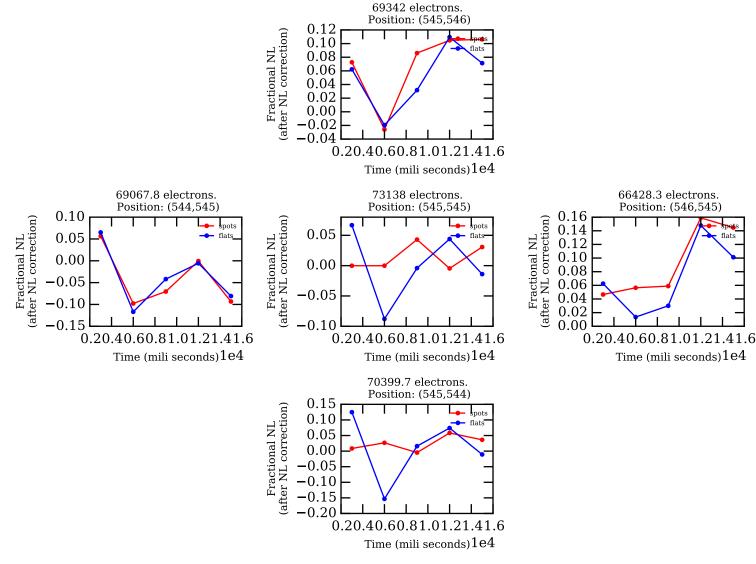
-0.10

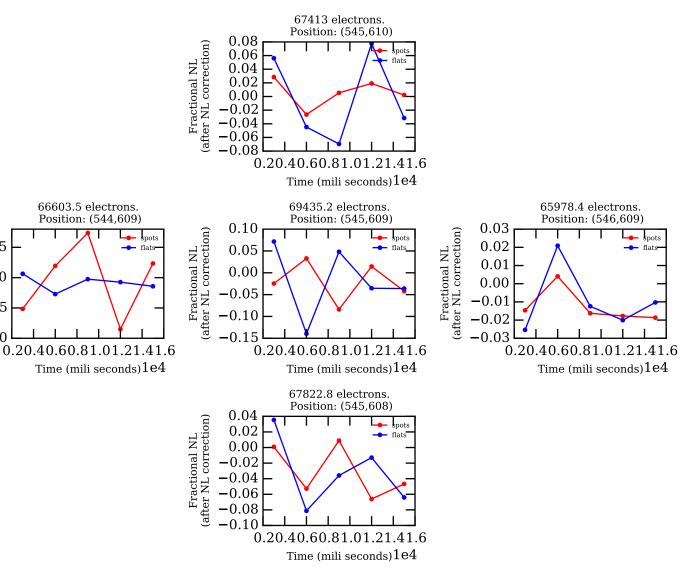
-0.15

-0.20

-0.25

(after NL correction)





(after NL correction)

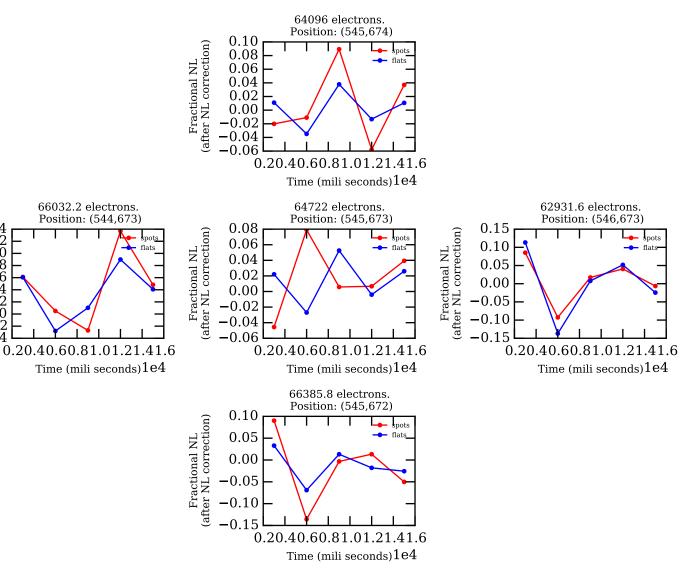
Fractional NL

0.05

0.00

-0.05

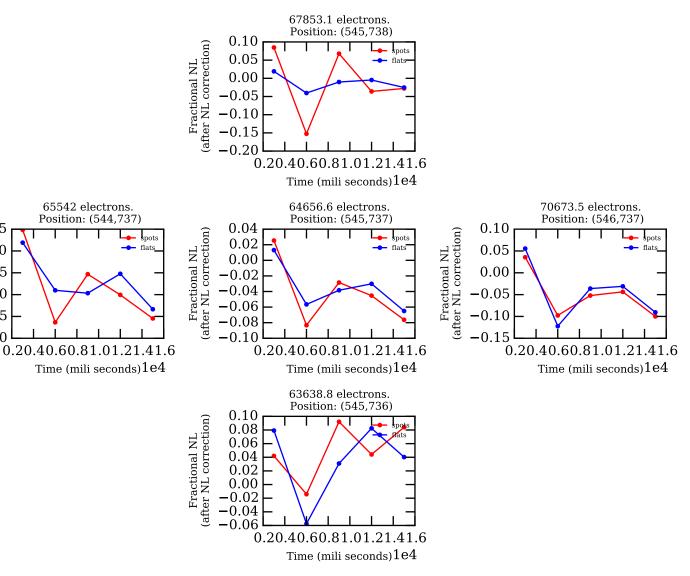
-0.10



 $0.14 \\ 0.12$

0.00

(after NL correction)



65542 electrons.

0.05

0.00

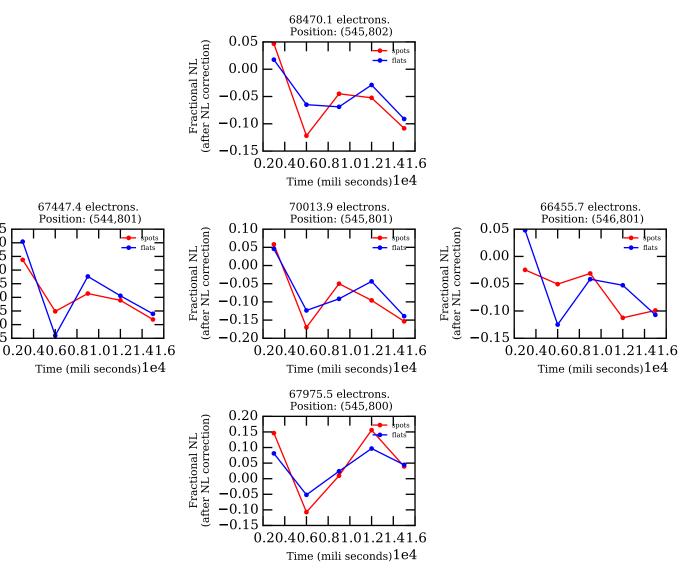
-0.05

-0.10

-0.15

-0.20

(after NL correction)



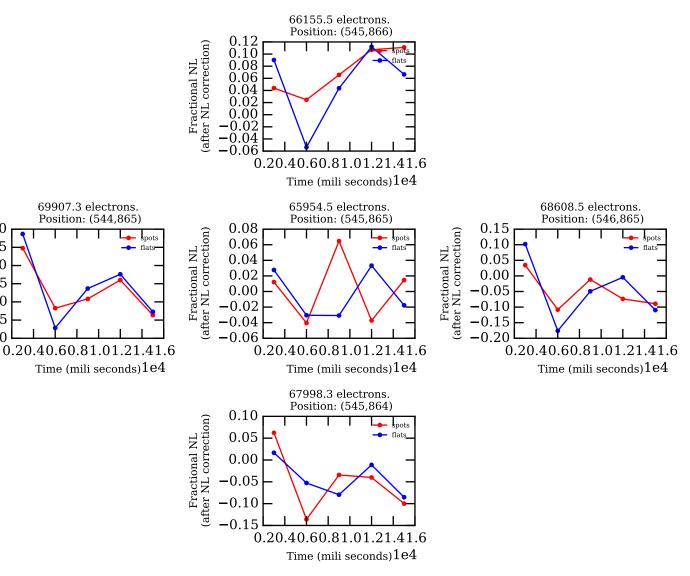
0.10

0.05

0.00 -0.05

-0.25

(after NL correction)



0.05

0.00

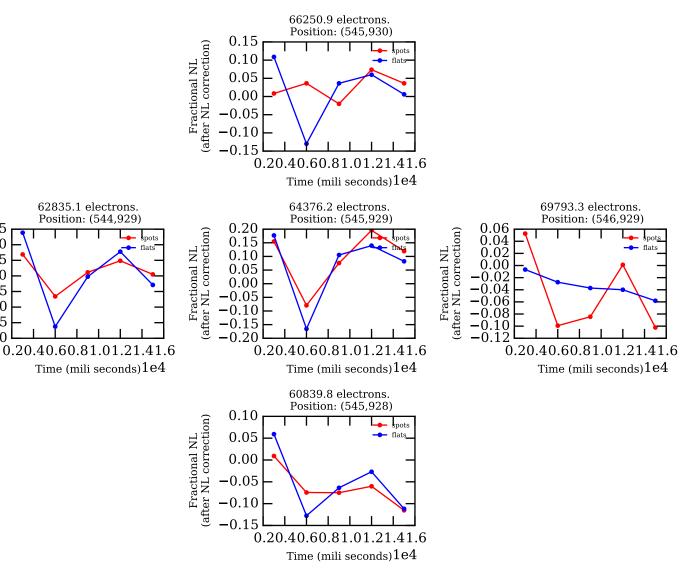
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

0.05

0.00

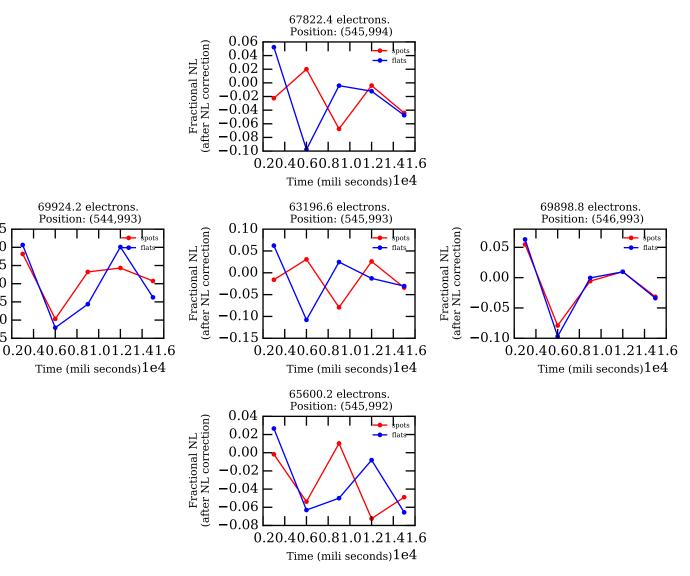
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

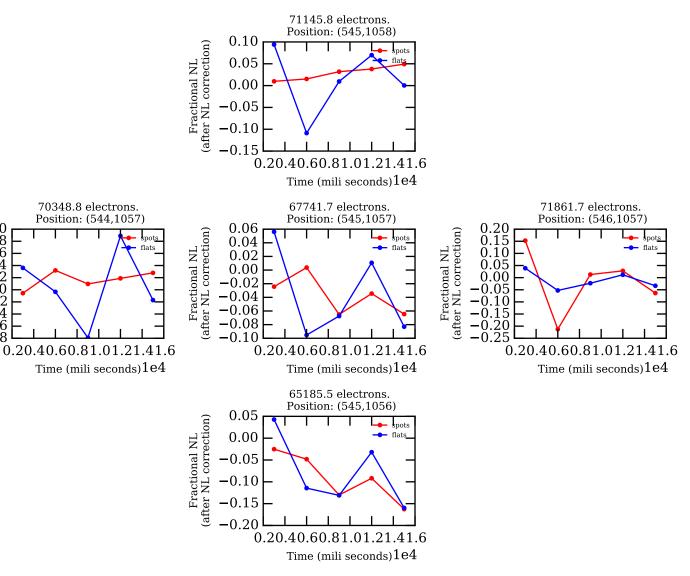
0.05

0.00

-0.05

-0.10 -0.15

(after NL correction)

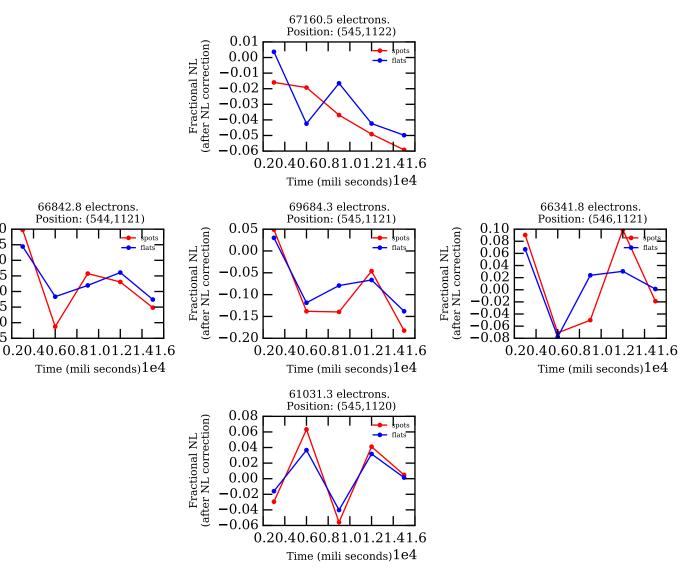


 $\begin{array}{c} 0.10 \\ 0.08 \\ 0.06 \\ 0.04 \end{array}$

-0.04-0.06

-0.08

(after NL correction)



0.05

0.00

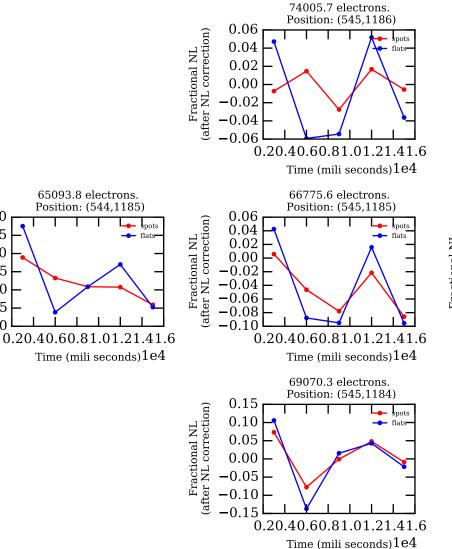
-0.05 -0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

0.00

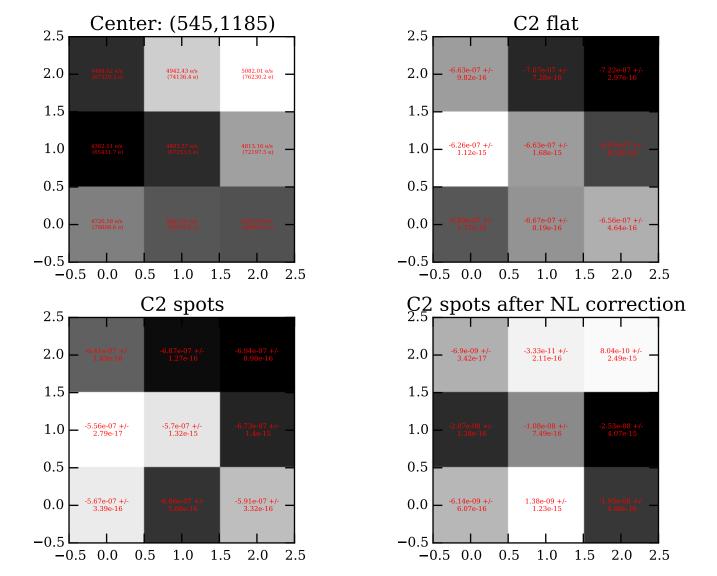
-0.05

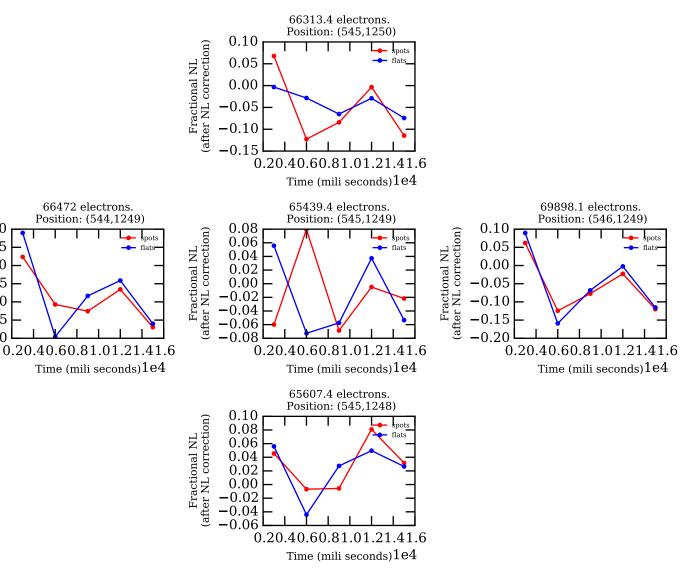
-0.10

-0.15

-0.20

(after NL correction)





66472 electrons.

0.10

0.05

0.00

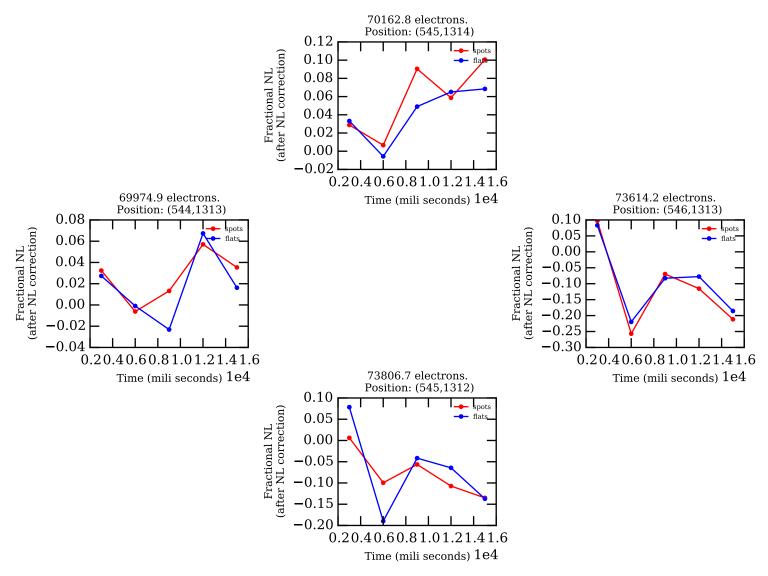
-0.05

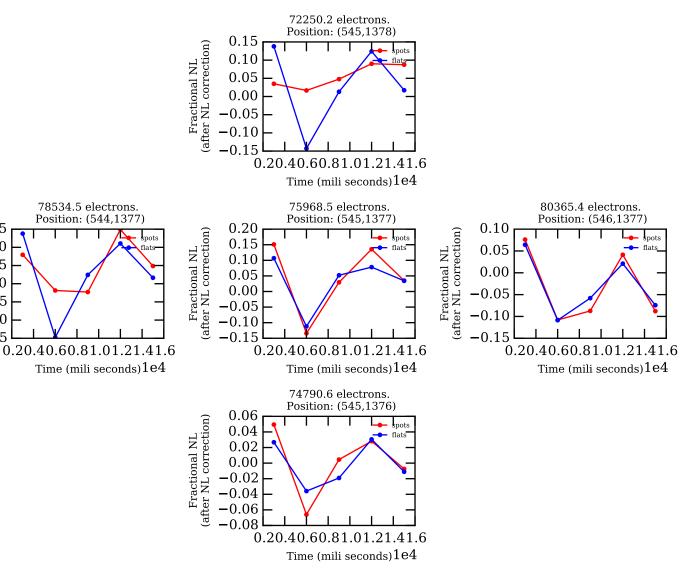
-0.10

-0.15

-0.20

(after NL correction)





0.10

0.05

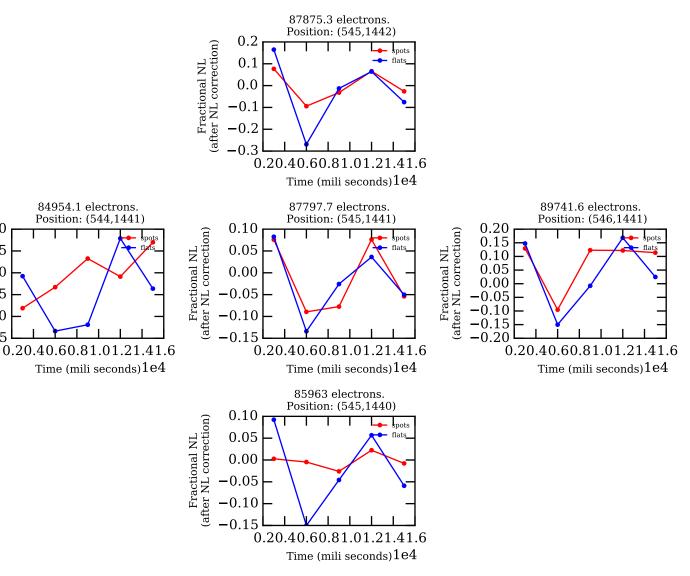
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.15

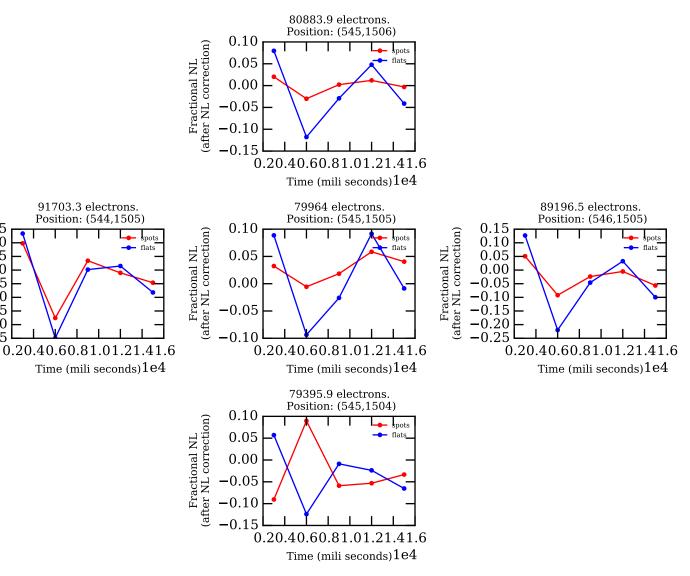
0.10

0.05

0.00

-0.05

(after NL correction)



0.10

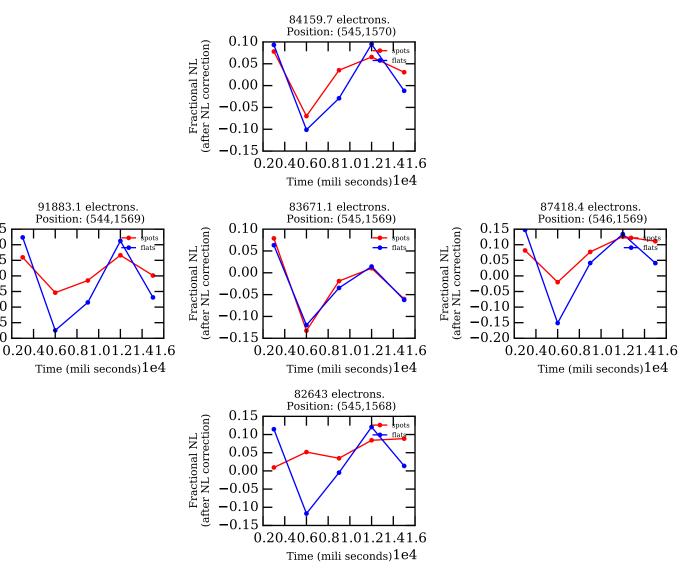
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

0.00

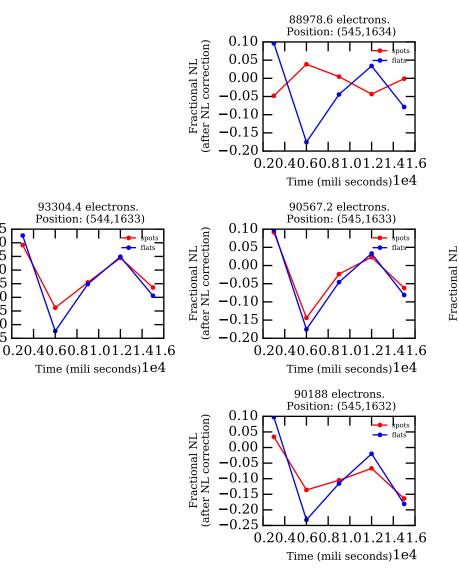
-0.05

-0.10

-0.15

-0.20

(after NL correction)



93304.4 electrons. Position: (544,1633)

0.15

0.10

0.05

0.00 -0.05

-0.25

(after NL correction)

Fractional NL

89340.2 electrons.

Position: (546,1633)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

(after NL correction)

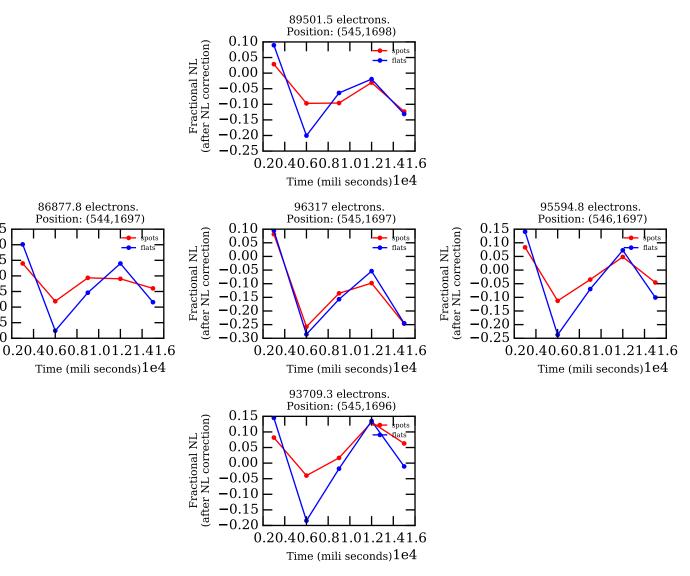
0.1

0.0

-0.1

-0.2

-0.



0.10

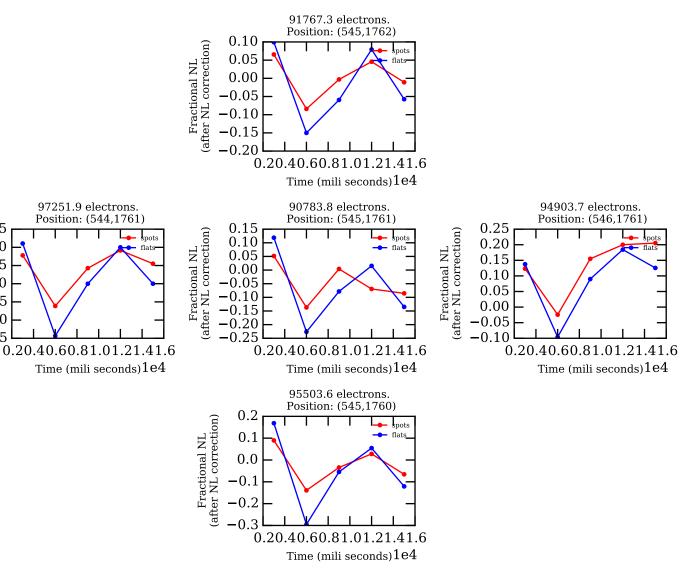
0.05

0.00

-0.05 -0.10 -0.15

-0.20

(after NL correction)



0.10

0.05

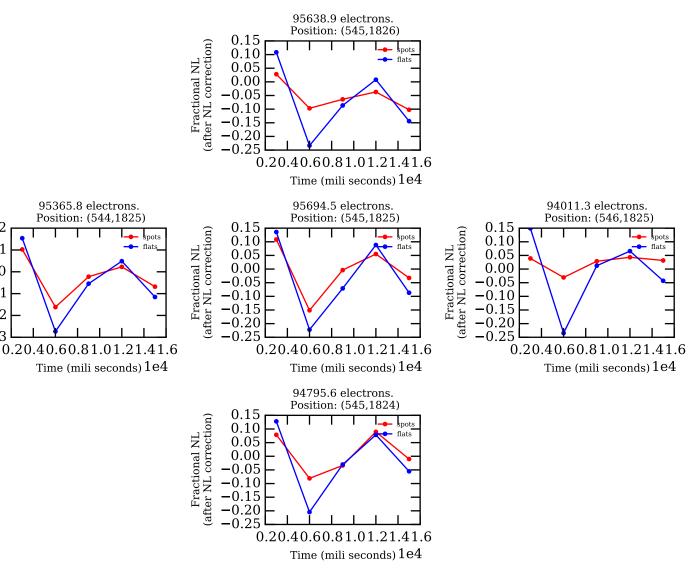
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.1

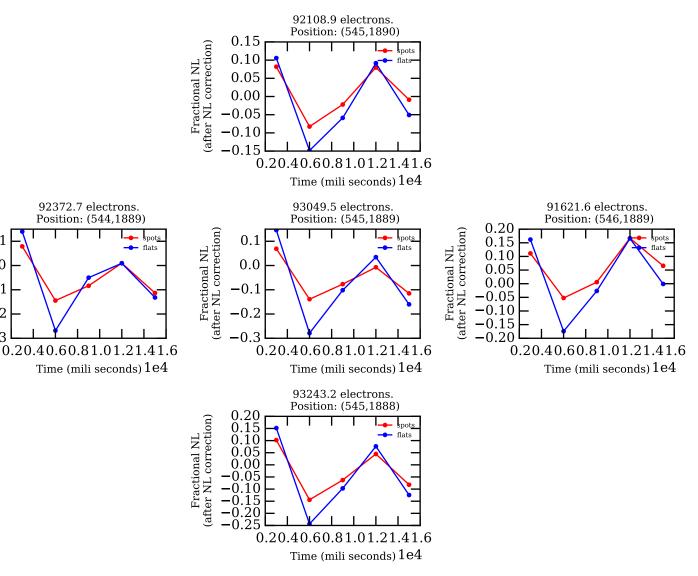
0.0

-0.1

-0.2

-0.3

(after NL correction)



(after NL correction)

Fractional NL

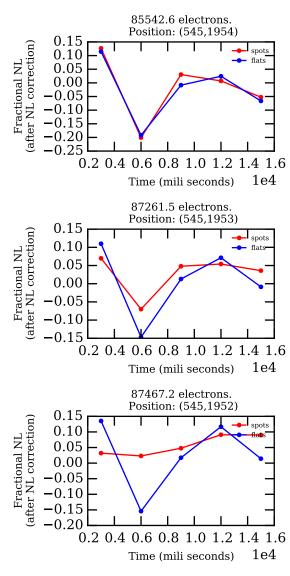
0.1

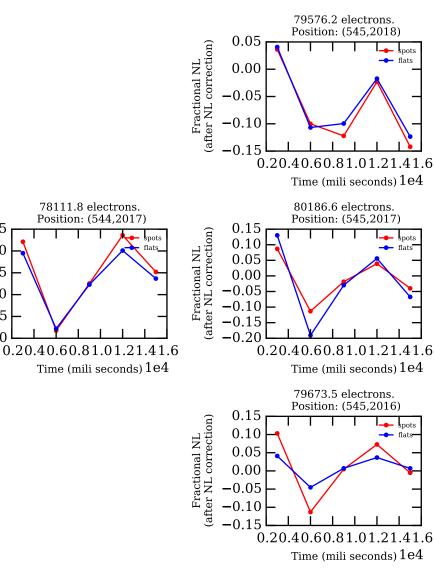
0.0

-0.1

-0.2

-0.3





78111.8 electrons.

0.15

0.10

0.05

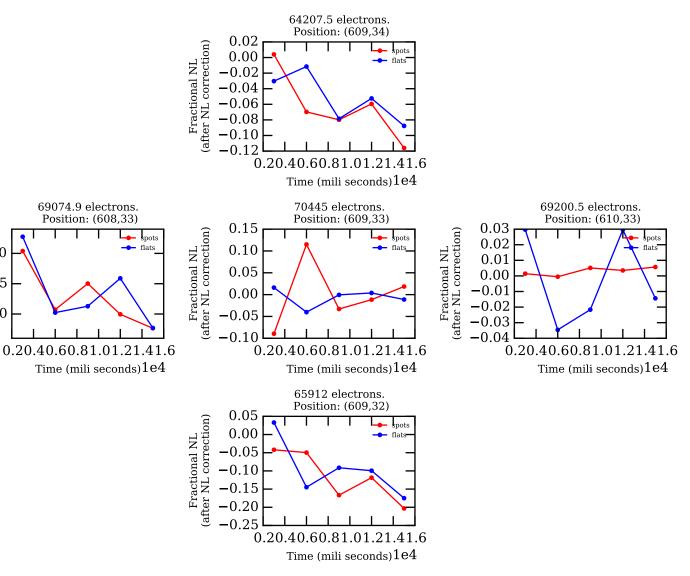
0.00

-0.05

-0.10

Fractional NL (after NL correction)

Position: (544,2017)



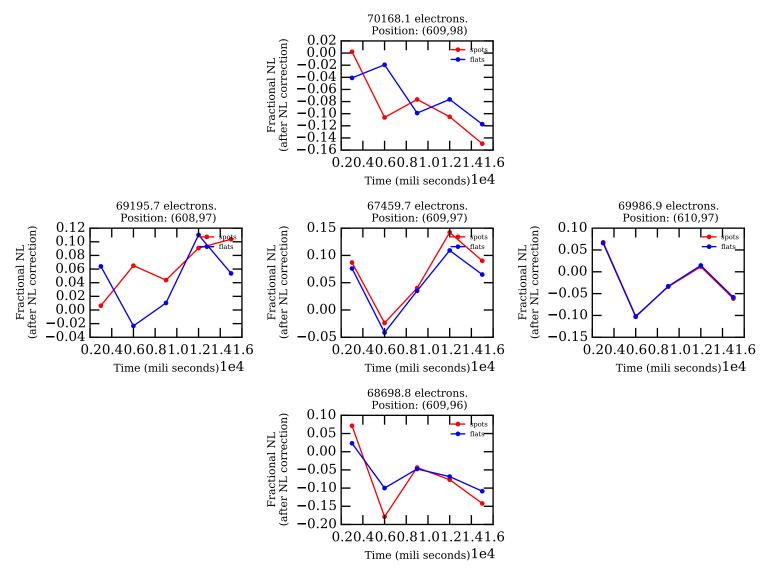
(after NL correction)

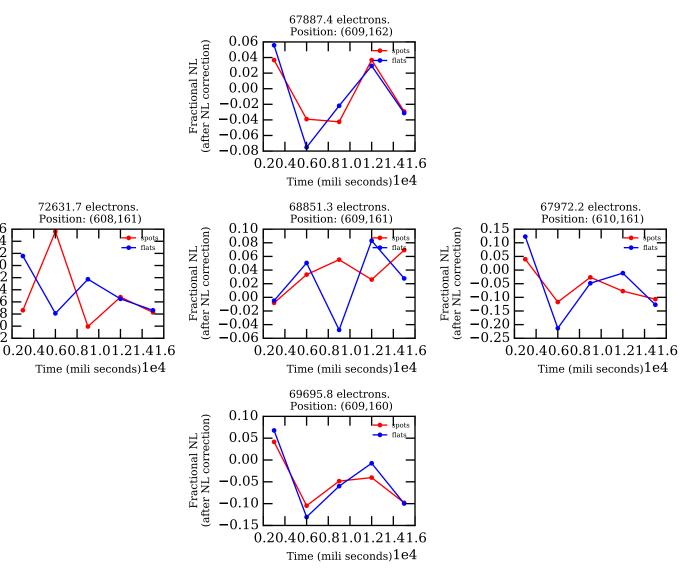
Fractional NL

0.00

-0.05

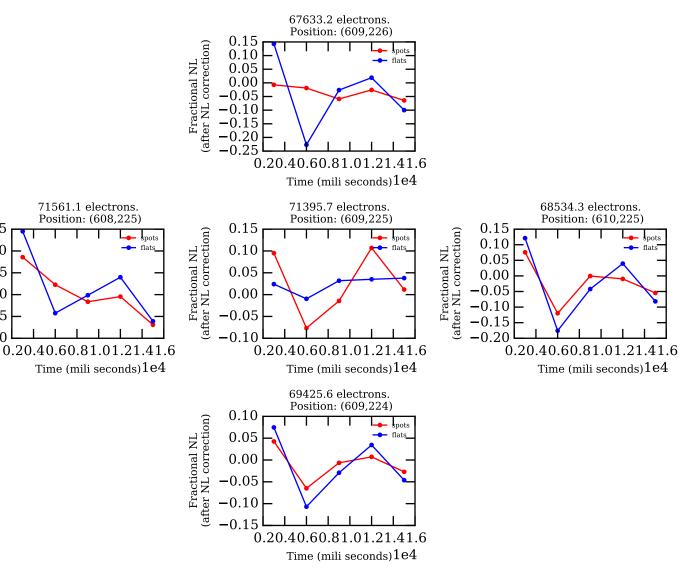
-0.10





 $0.06 \\ 0.04 \\ 0.02$

(after NL correction)



0.00

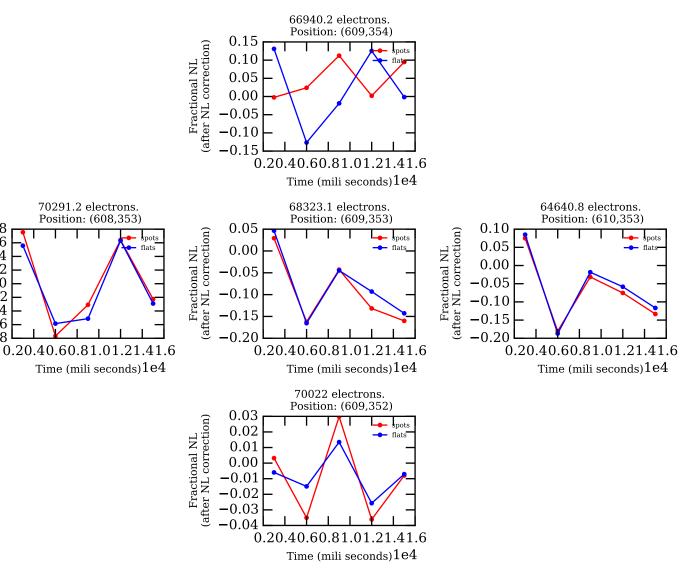
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.06

0.04

0.02

0.00

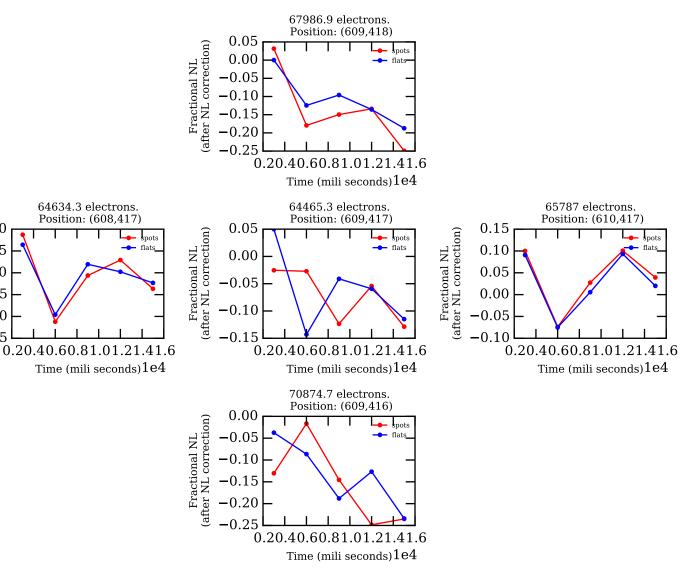
-0.02

-0.04

-0.06

-0.08

(after NL correction)



0.05

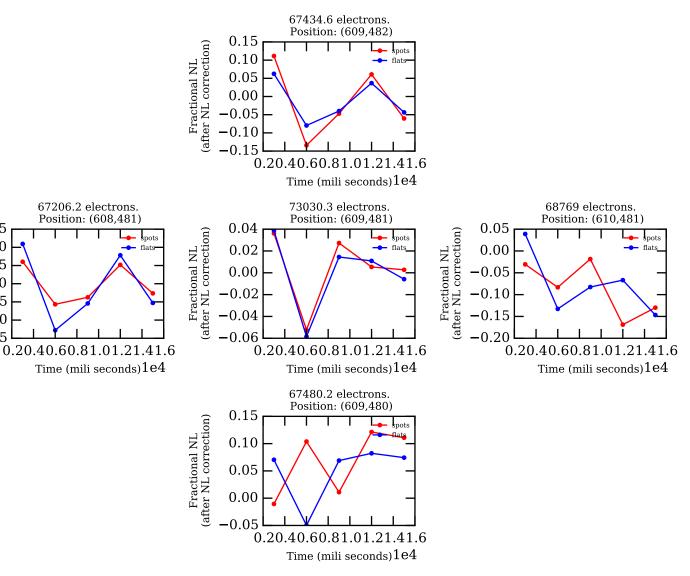
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

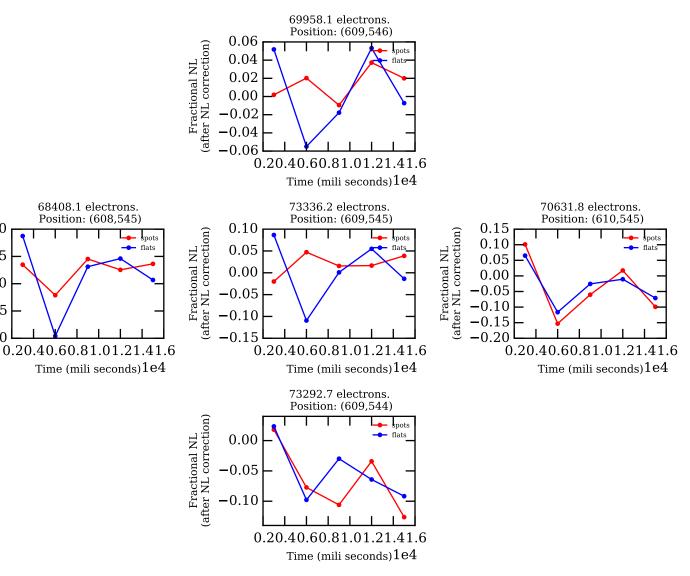
0.05

0.00

-0.05

-0.10 -0.15

(after NL correction)



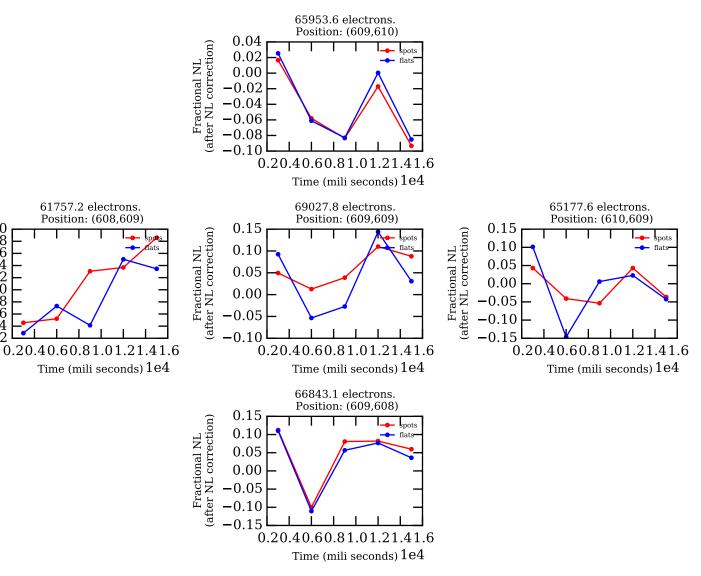
0.05

0.00

-0.05

-0.10

(after NL correction)

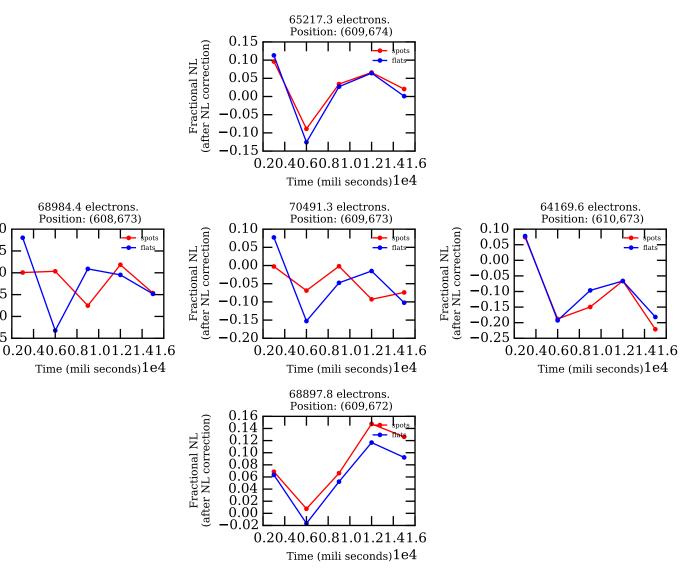


 $0.20 \\ 0.18 \\ 0.16$

0.14 0.12

0.10 0.08 0.06 0.04 0.02

(after NL correction)



0.05

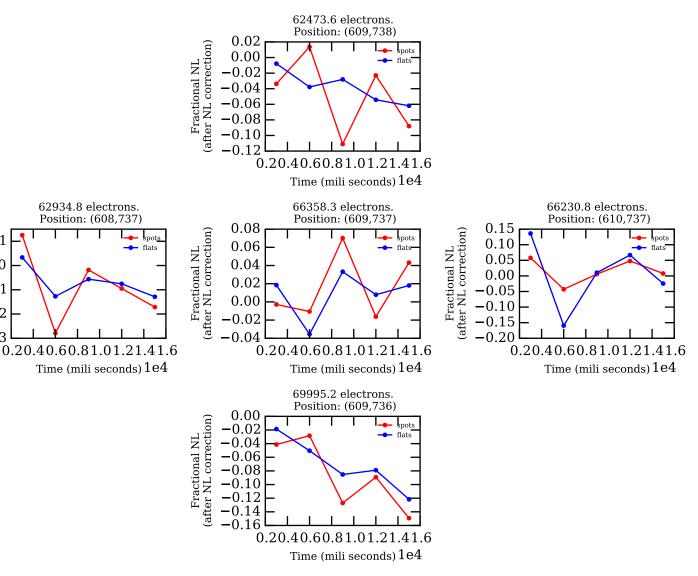
0.00

-0.05

-0.10

-0.15

(after NL correction)



(after NL correction)

Fractional NL

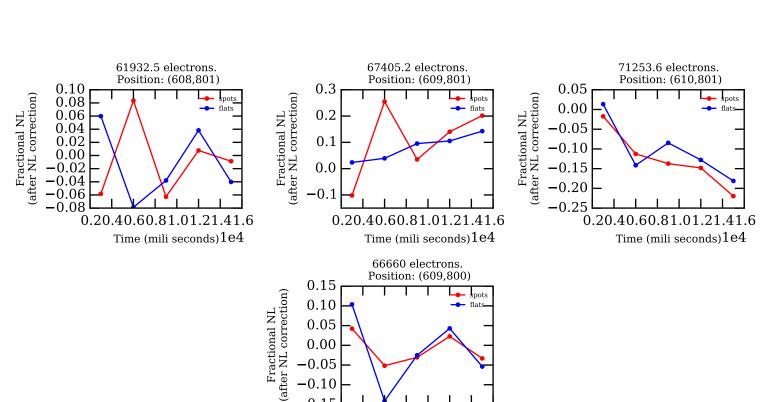
0.1

0.0

-0.1

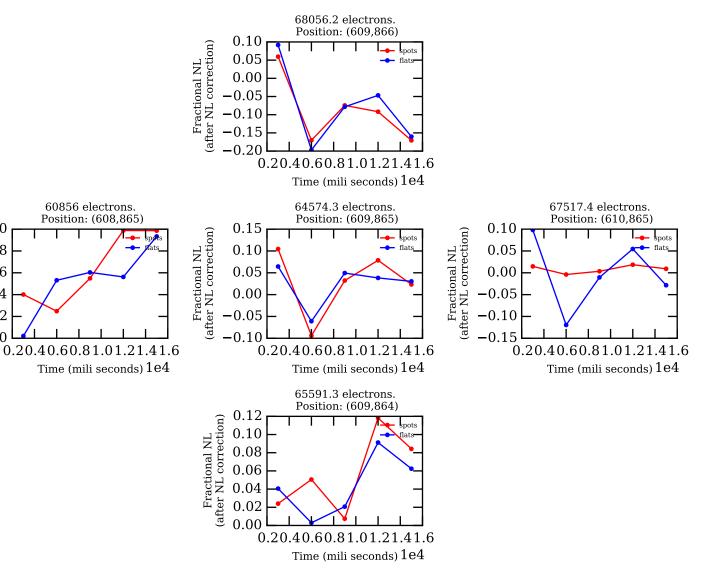
-0.2

-0.3



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.10-0.15



60856 electrons.

0.10

0.08

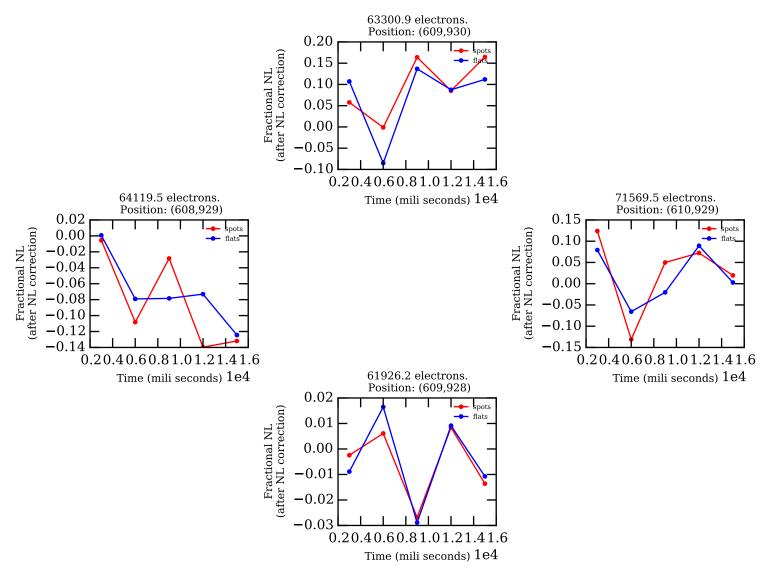
0.06

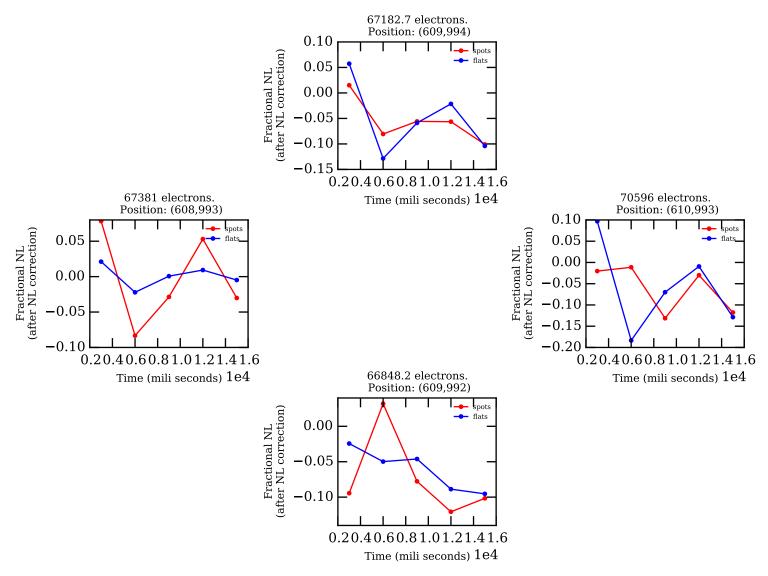
0.04

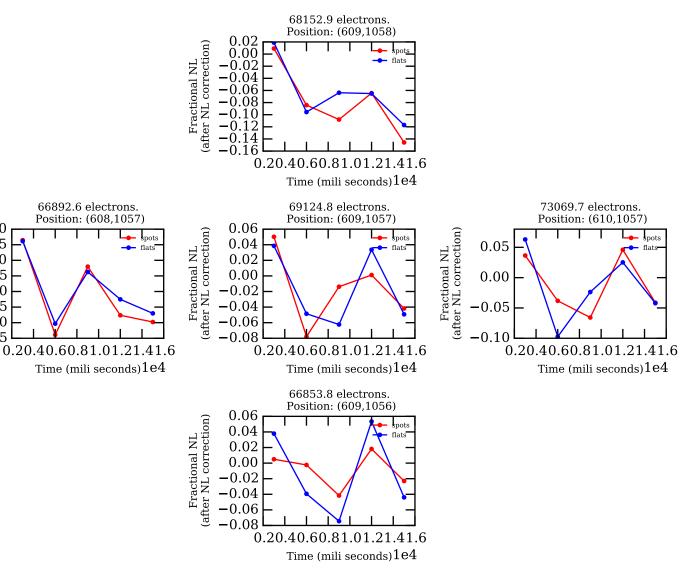
0.02

0.00

Fractional NL (after NL correction)







0.05

0.00

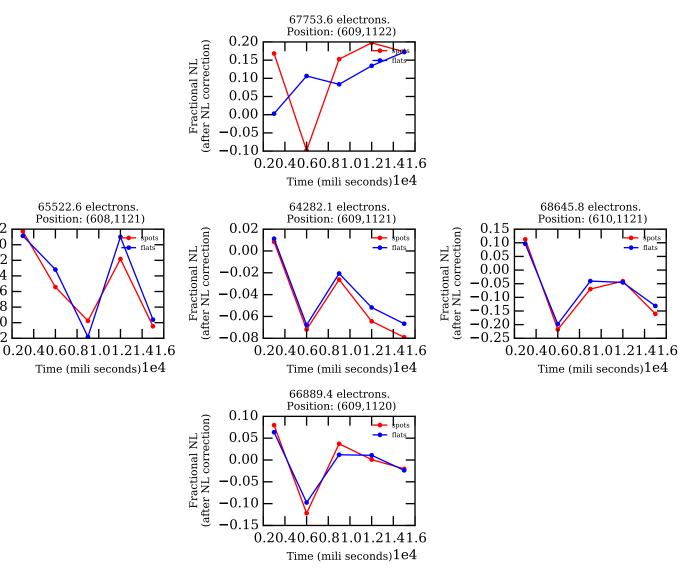
-0.05

-0.10 -0.15

-0.20

-0.25

(after NL correction)



0.00

-0.02

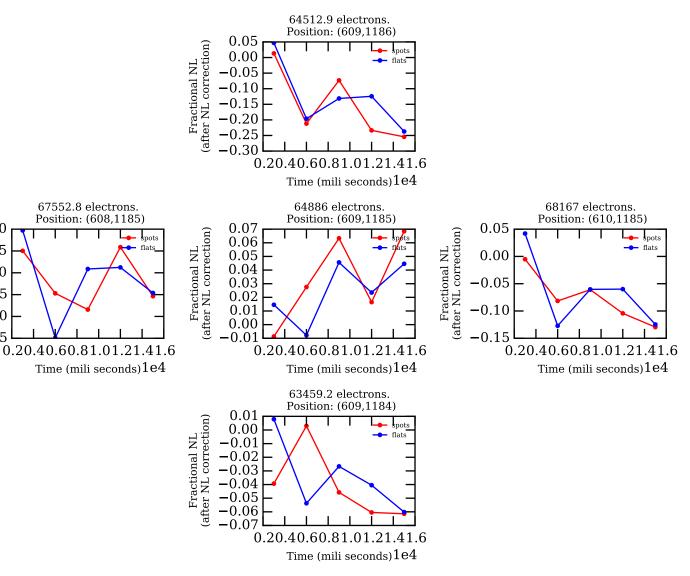
-0.04

-0.06

-0.08

-0.10

(after NL correction)



0.05

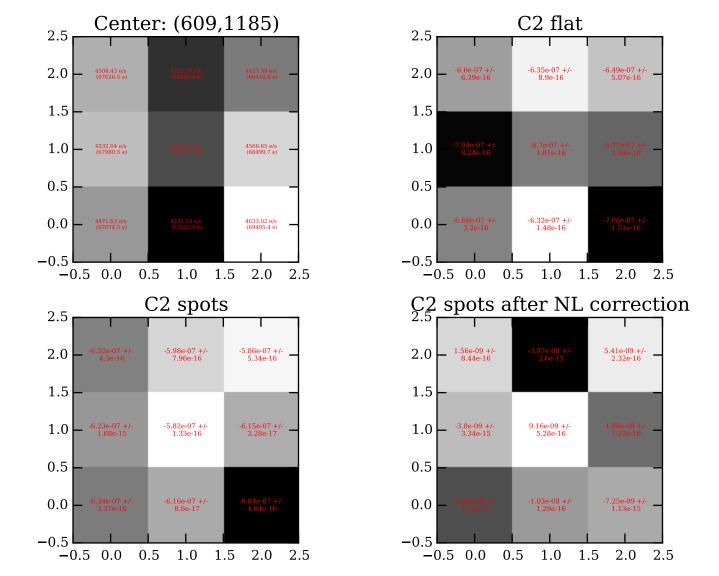
0.00

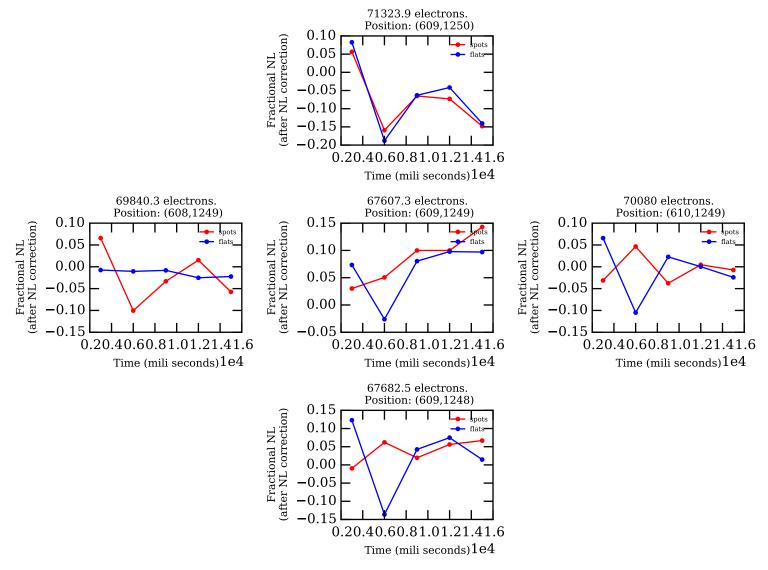
-0.05

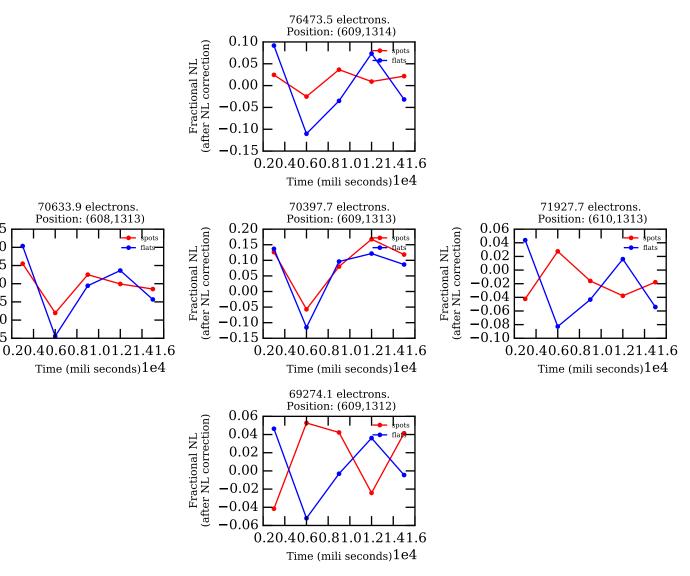
-0.10

-0.15

(after NL correction)







0.10

0.05

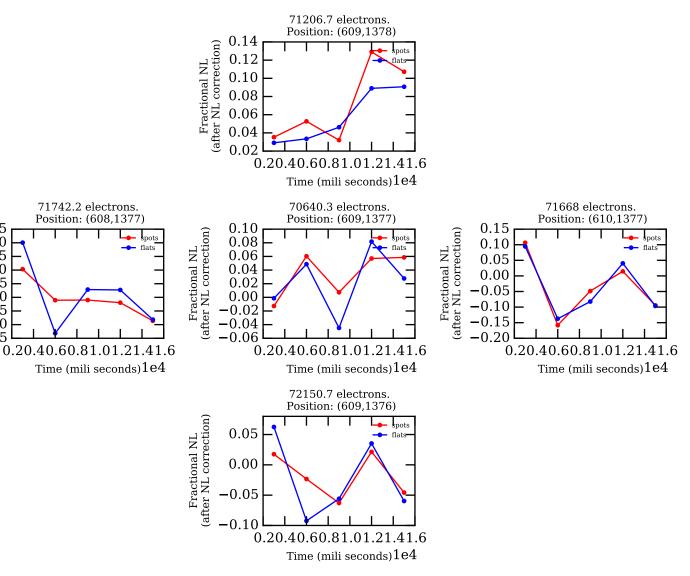
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

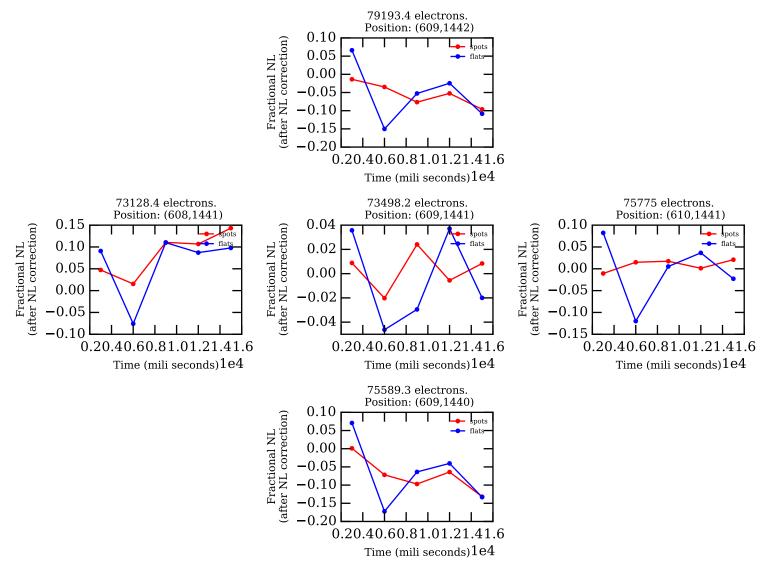
0.05

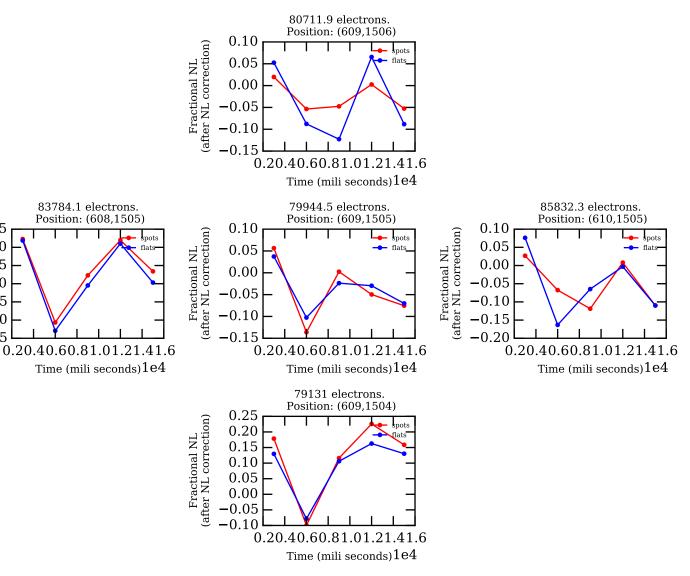
0.00

-0.05

-0.25

(after NL correction)





0.10

0.05

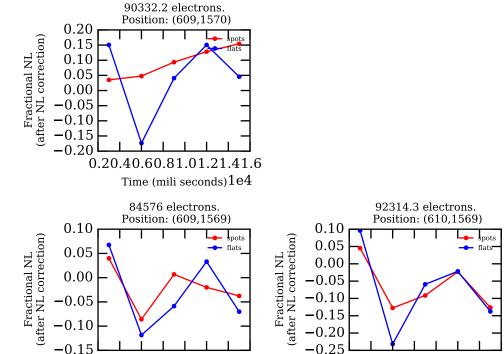
0.00

-0.05

-0.10

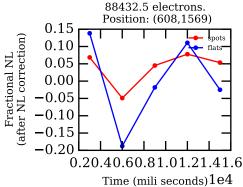
-0.15

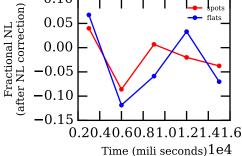
(after NL correction)

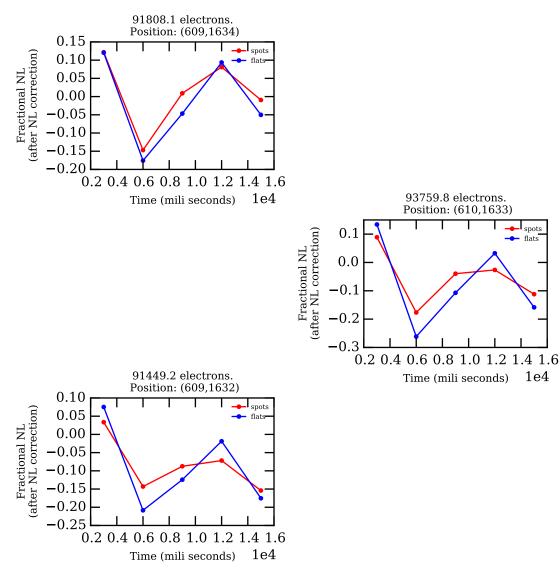


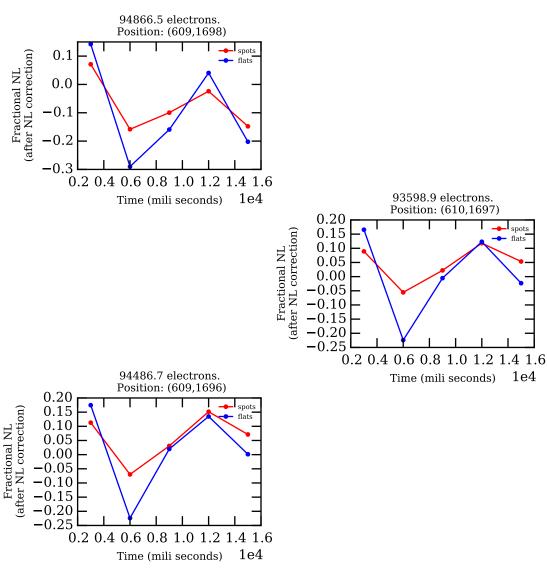
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4









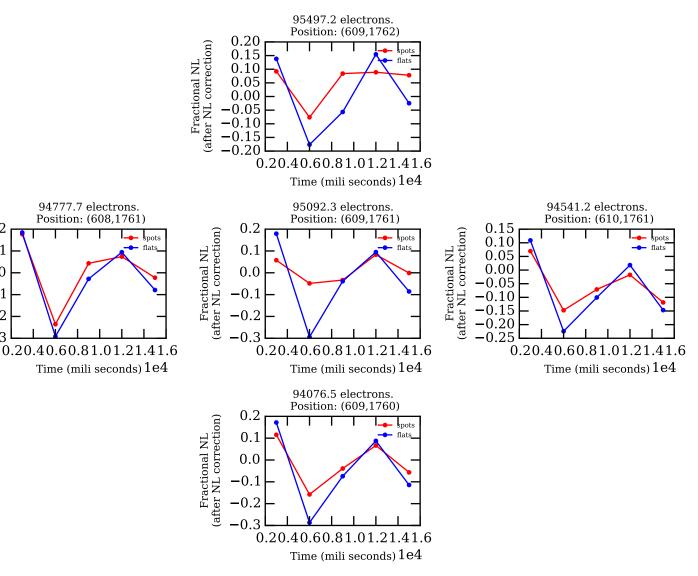
93598.9 electrons.

Position: (610,1697)

Time (mili seconds)

- flats

1e4



0.1

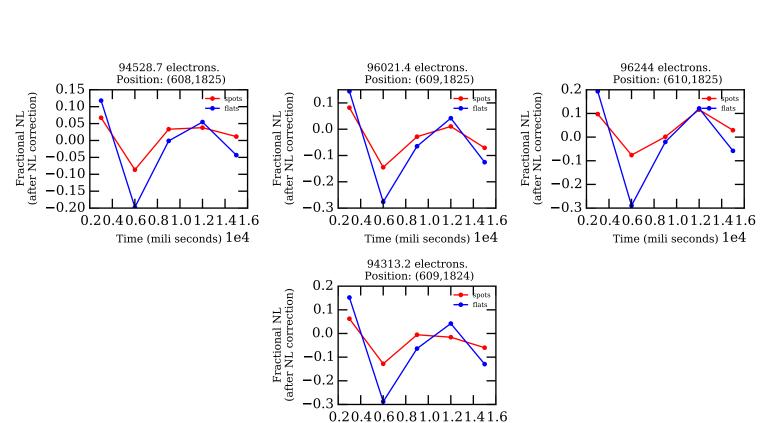
0.0

-0.1

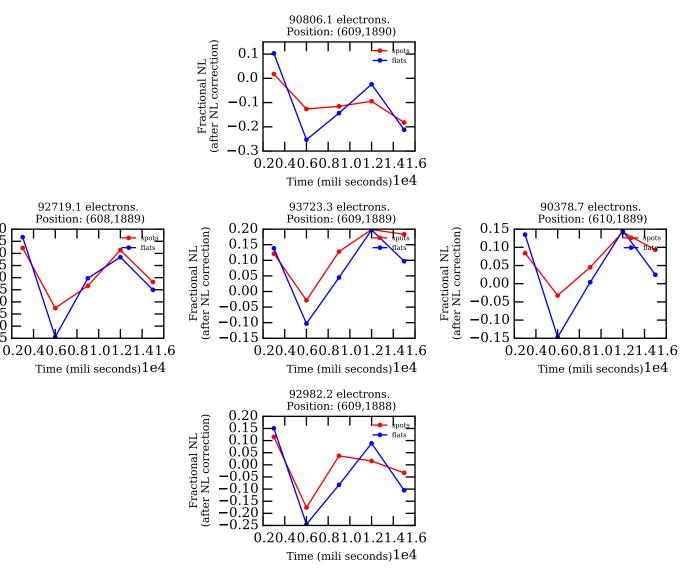
-0.2

-0.3

(after NL correction)



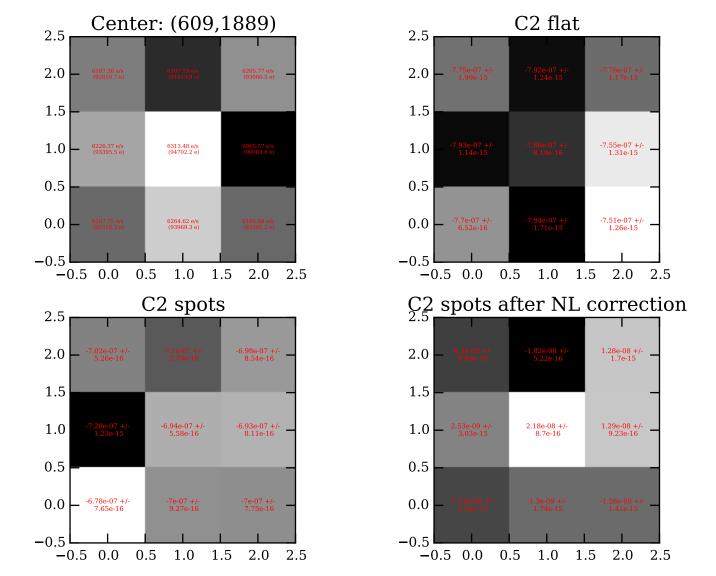
Time (mili seconds) 1e4

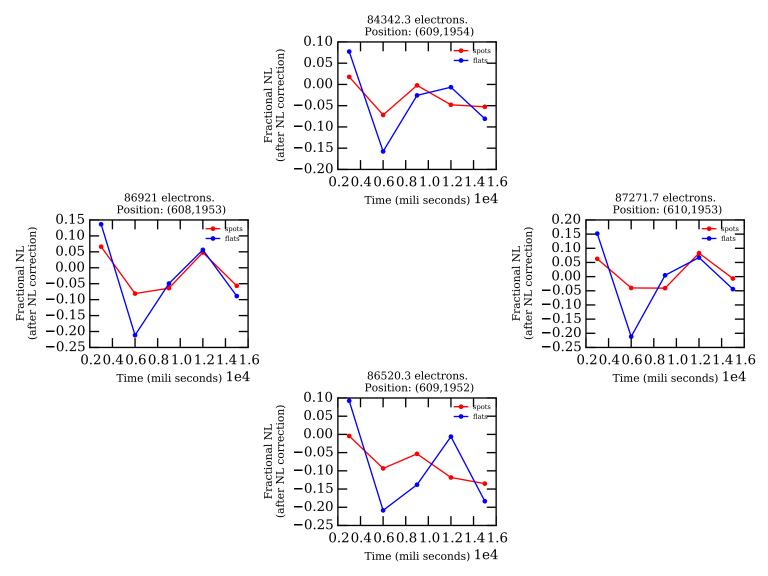


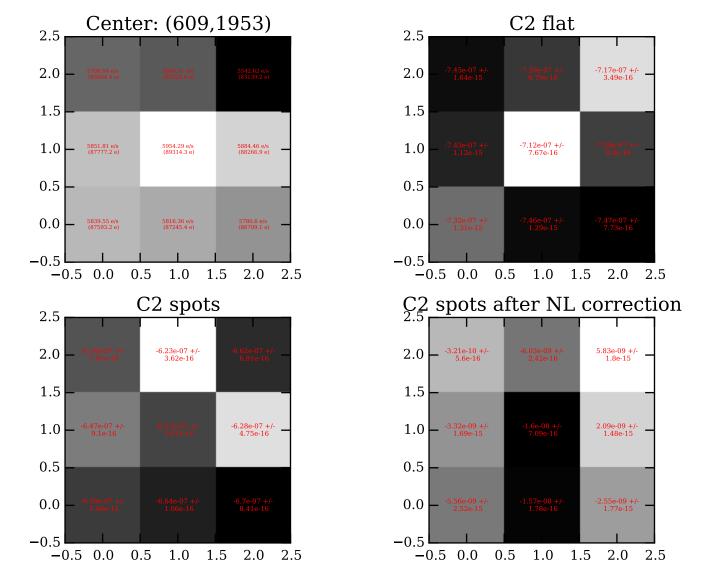
92719.1 electrons.

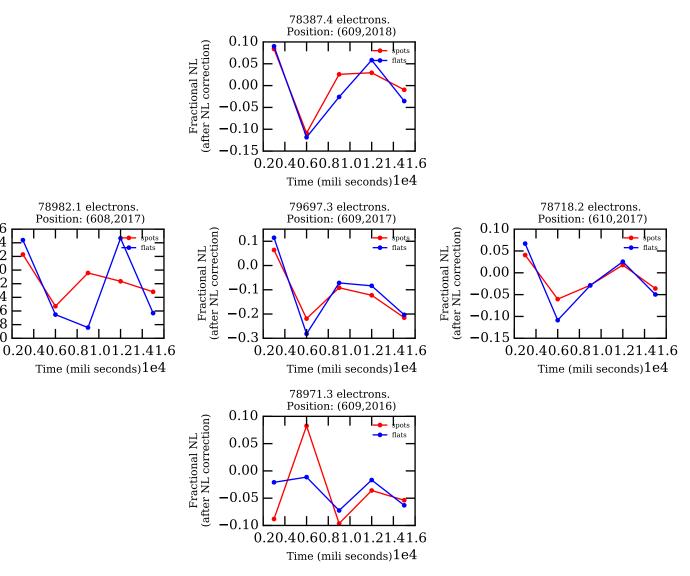
 $0.20 \\ 0.15$

(after NL correction)









78982.1 electrons.

0.06

0.04

0.02

0.00

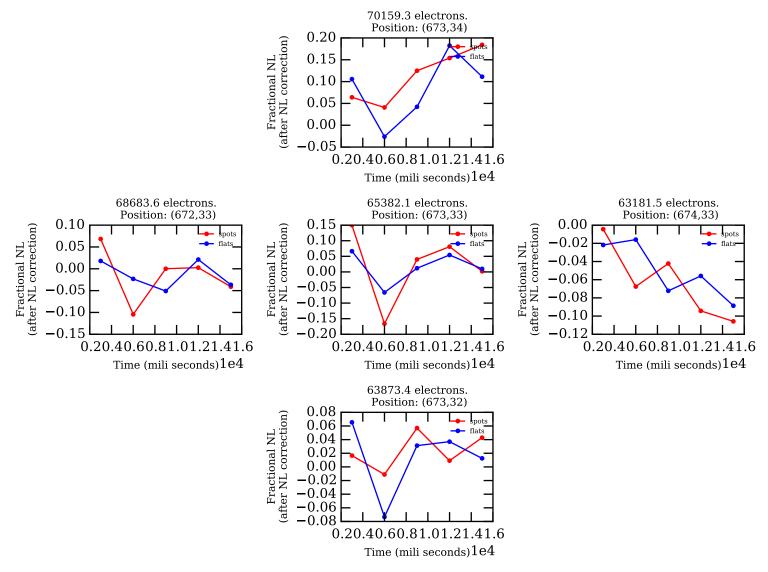
-0.02

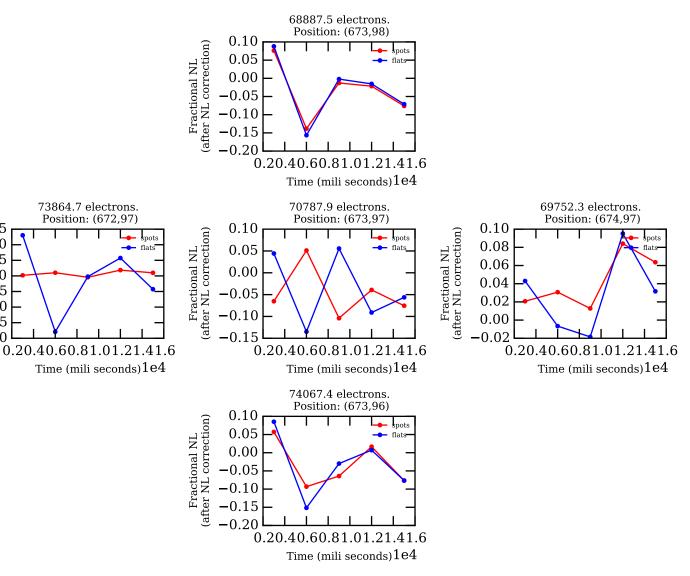
-0.04-0.06

-0.08

-0.10

(after NL correction)





0.10

0.05

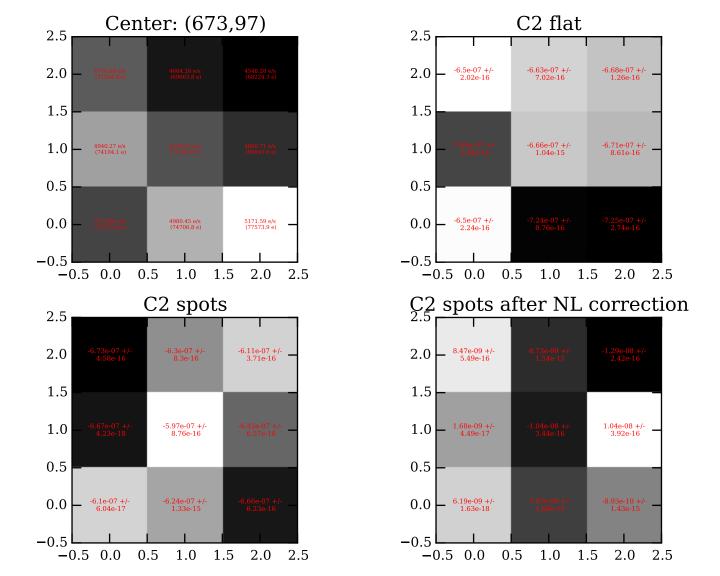
0.00

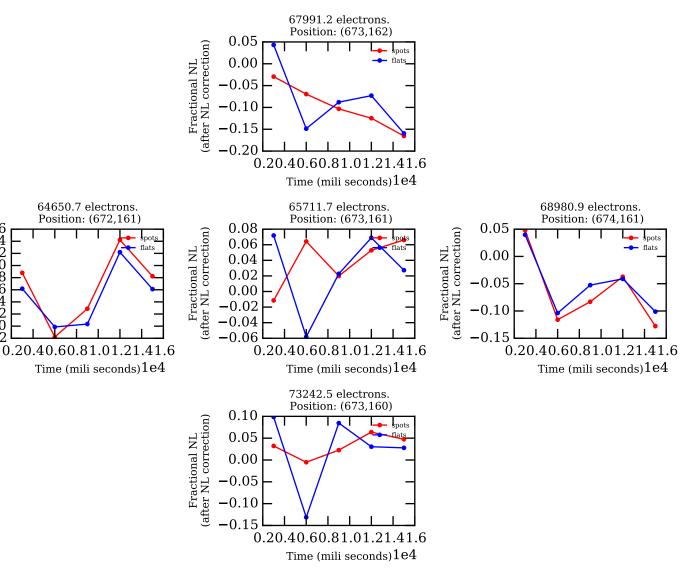
-0.05

-0.10

-0.15 -0.20

(after NL correction)





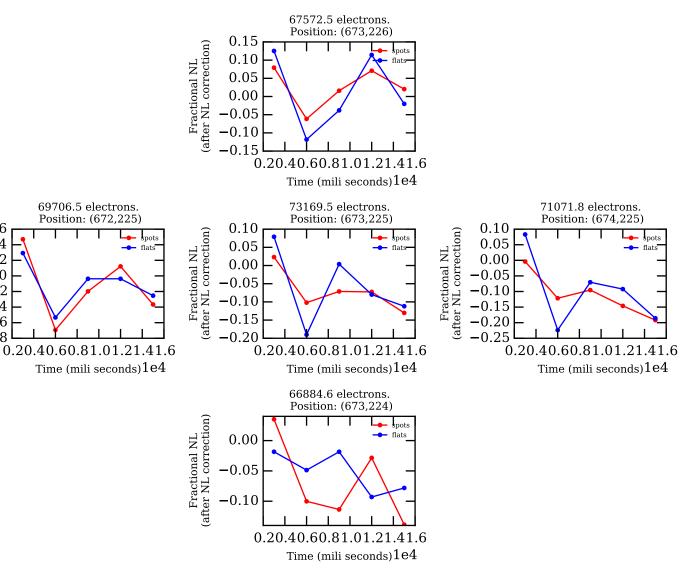
 $\begin{array}{c} 0.16 \\ 0.14 \end{array}$

 $0.10 \\ 0.08 \\ 0.06$

0.04

0.00

(after NL correction)



0.04

0.02

0.00

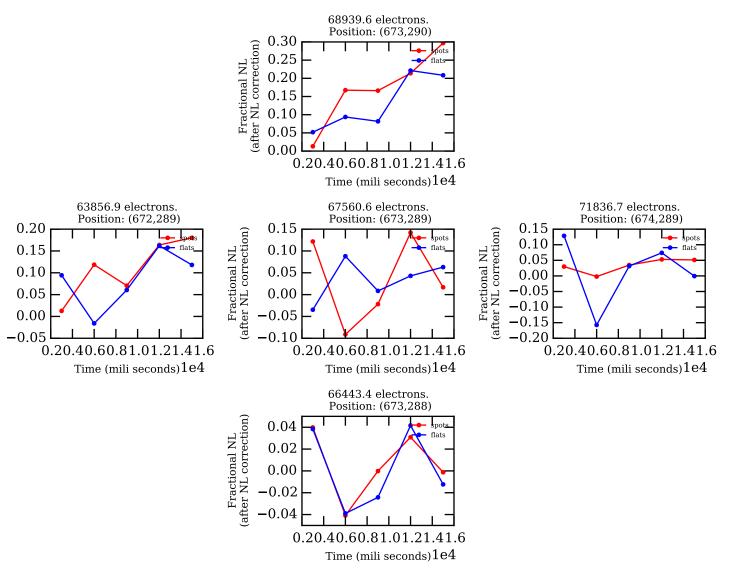
-0.02

-0.04

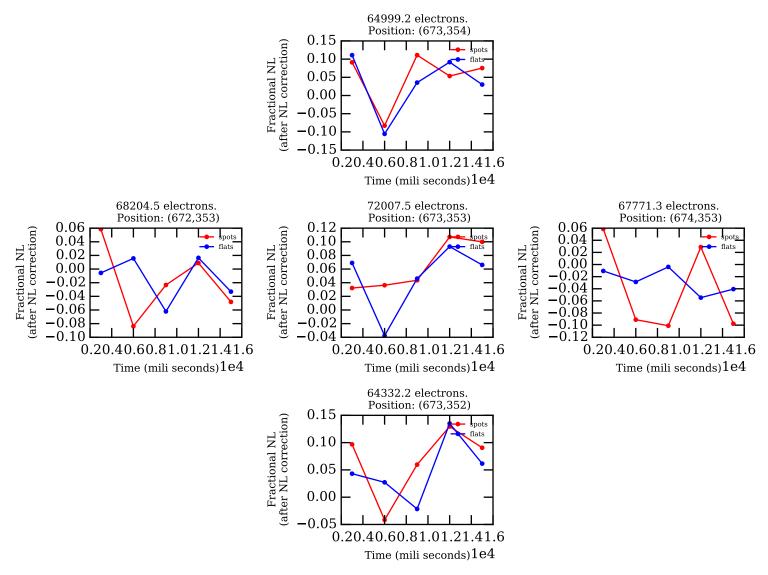
-0.06

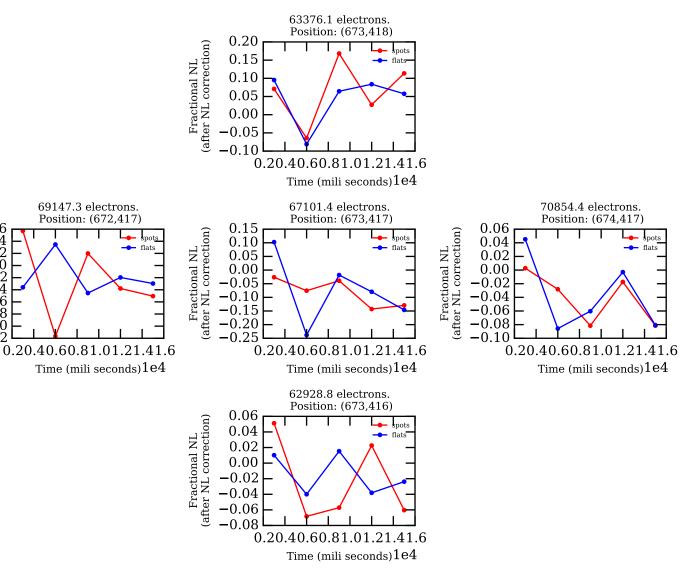
-0.08

(after NL correction)



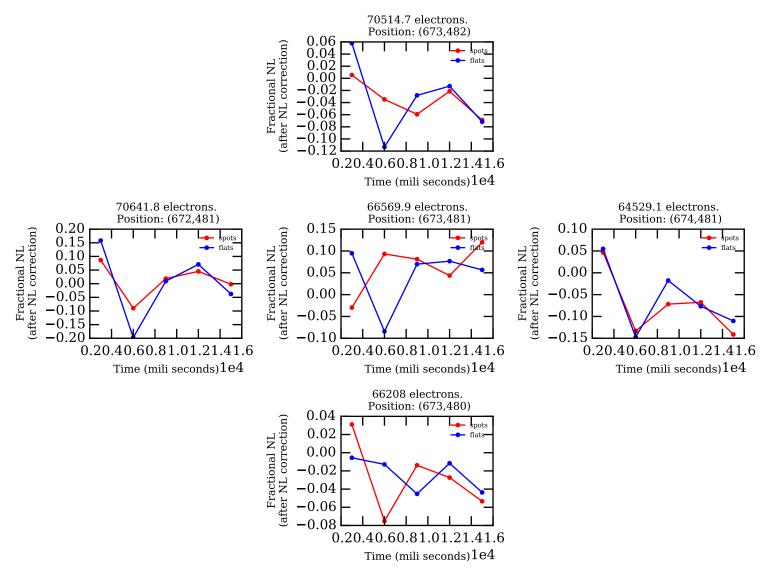
(after NL correction)

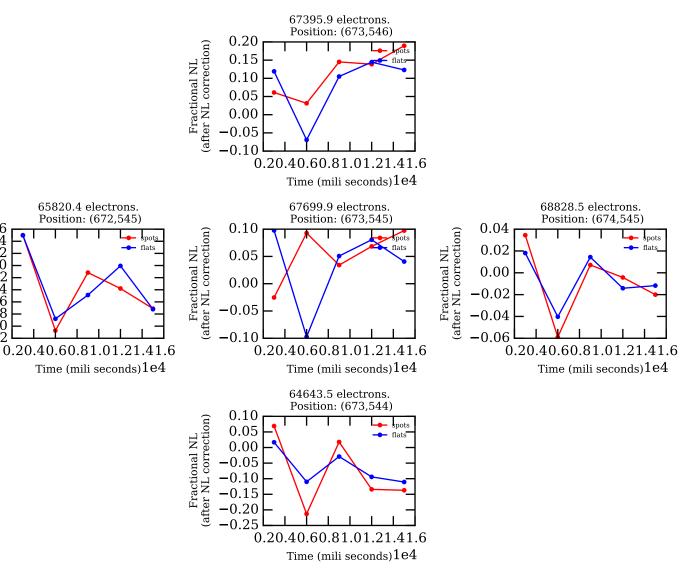




 $0.04 \\ 0.02$

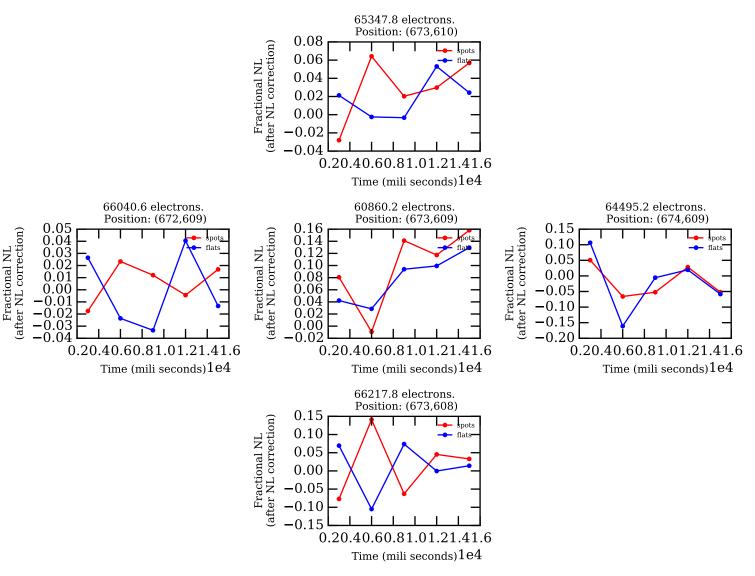
(after NL correction)

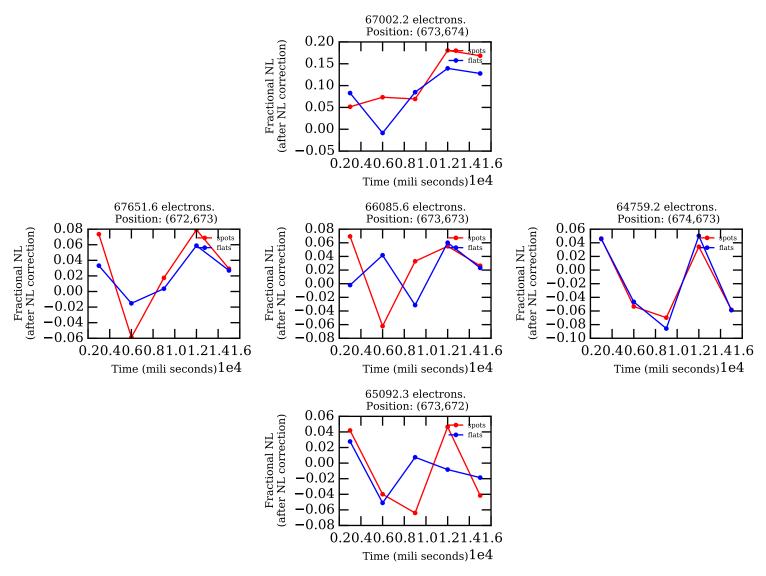


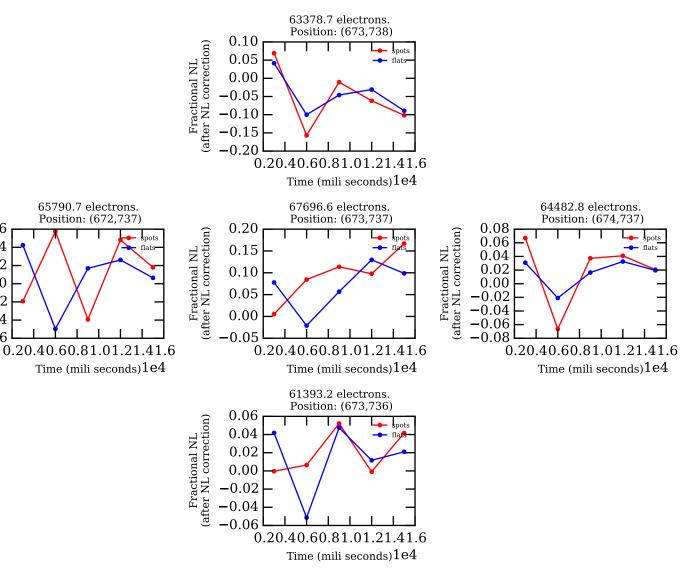


0.04

(after NL correction)







0.04

0.02

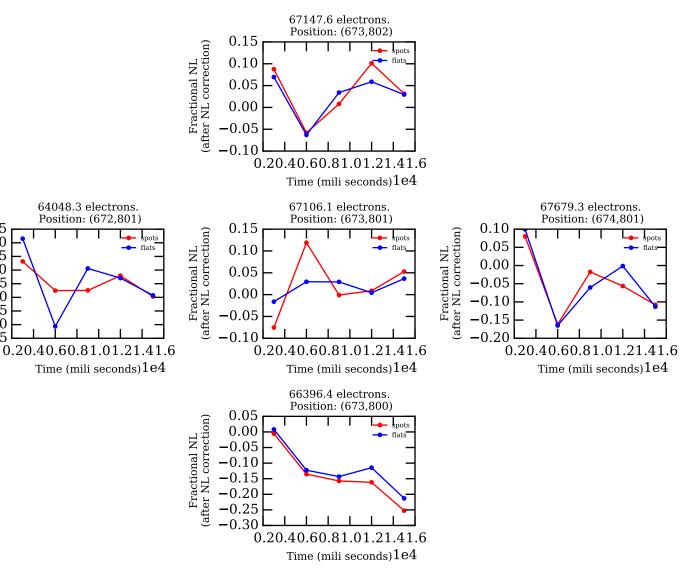
0.00

-0.02

-0.04

-0.06

(after NL correction)



0.10

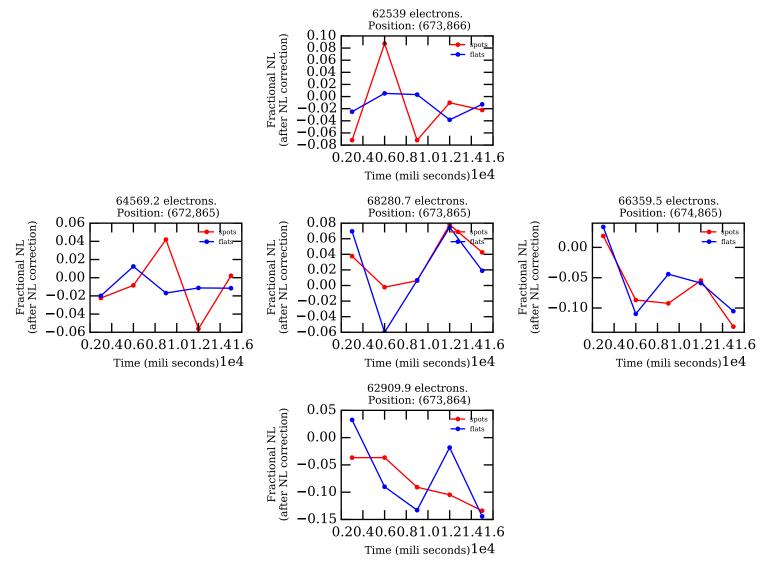
0.05

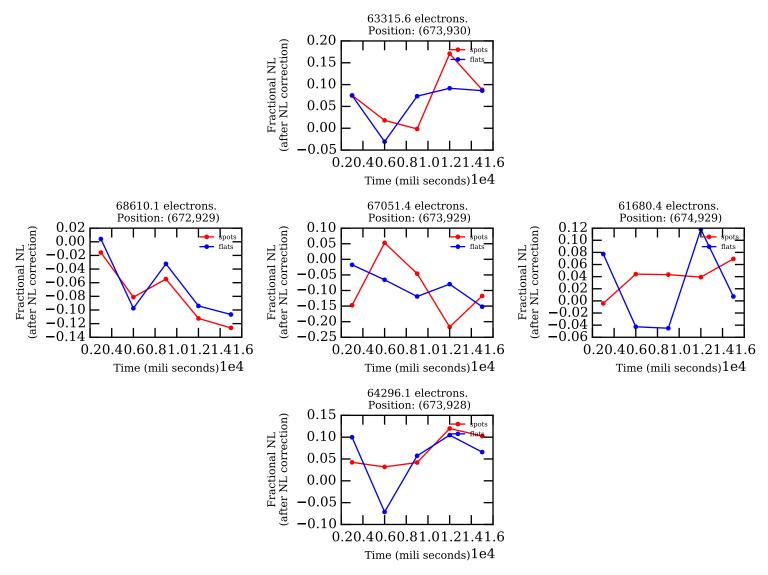
0.00

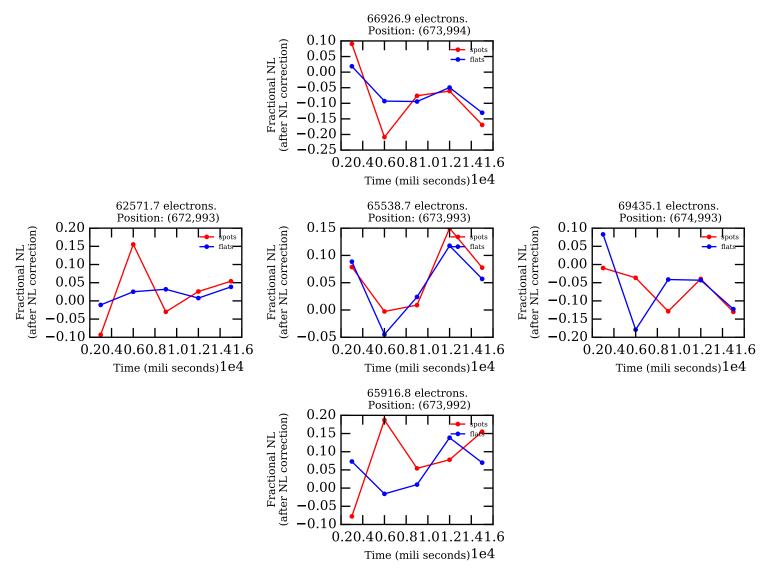
-0.05

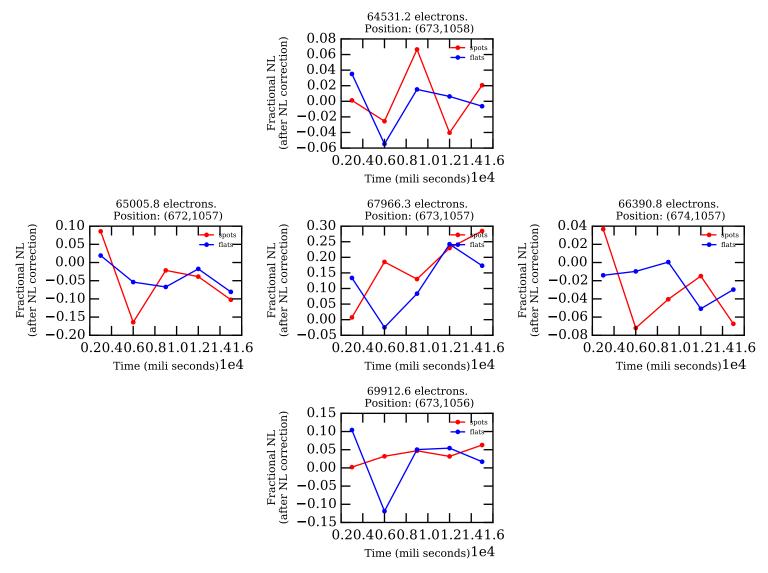
-0.20 -0.25

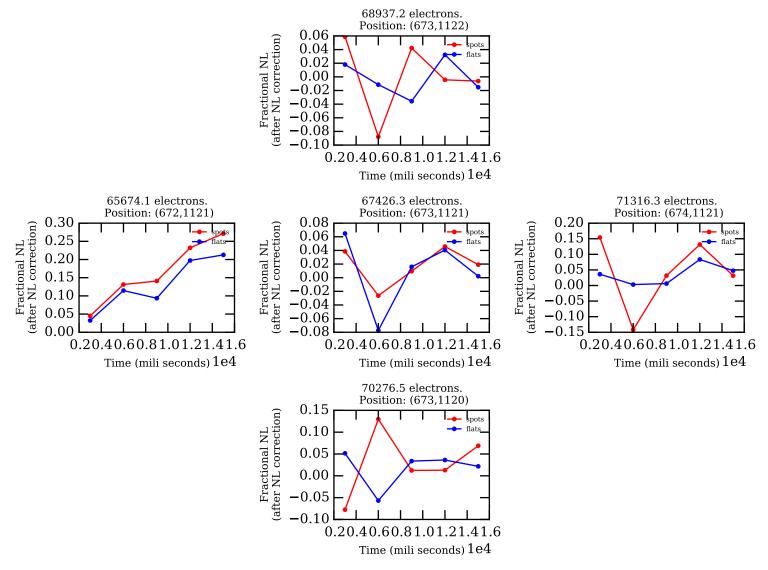
(after NL correction)

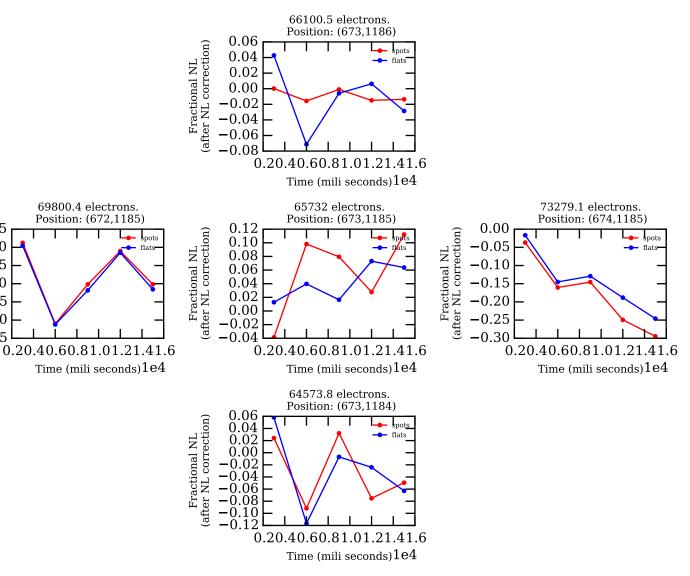












0.10

0.05

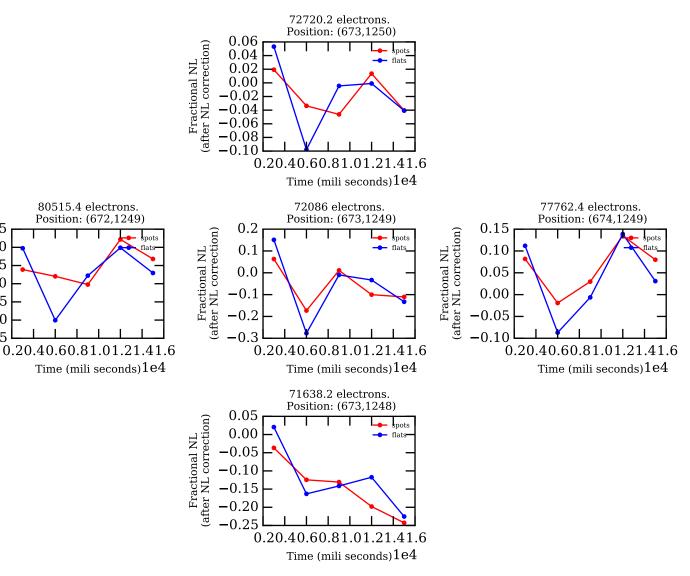
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

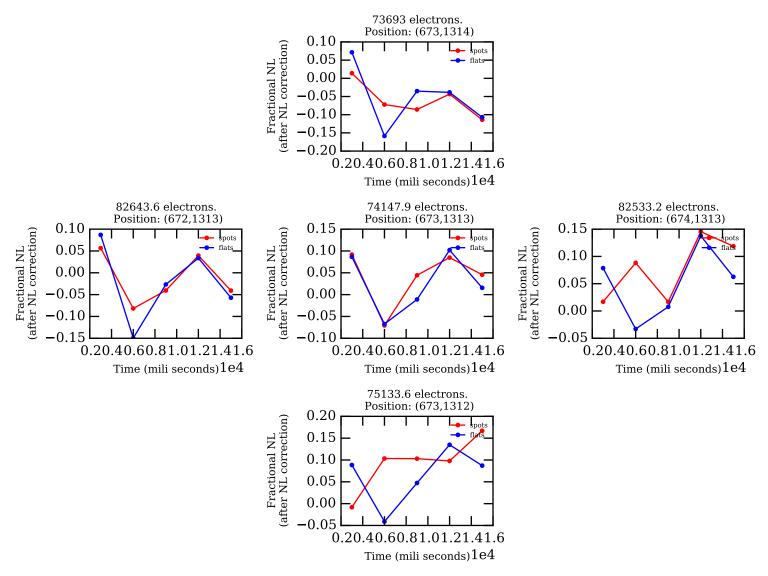
0.05

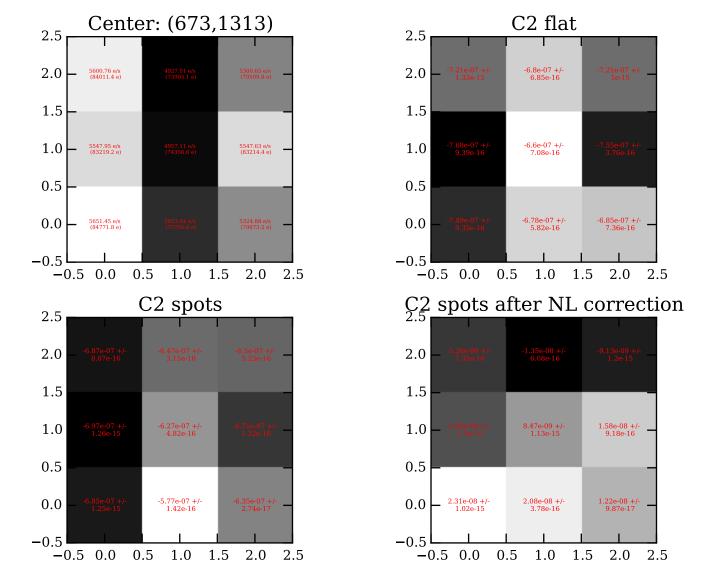
0.00

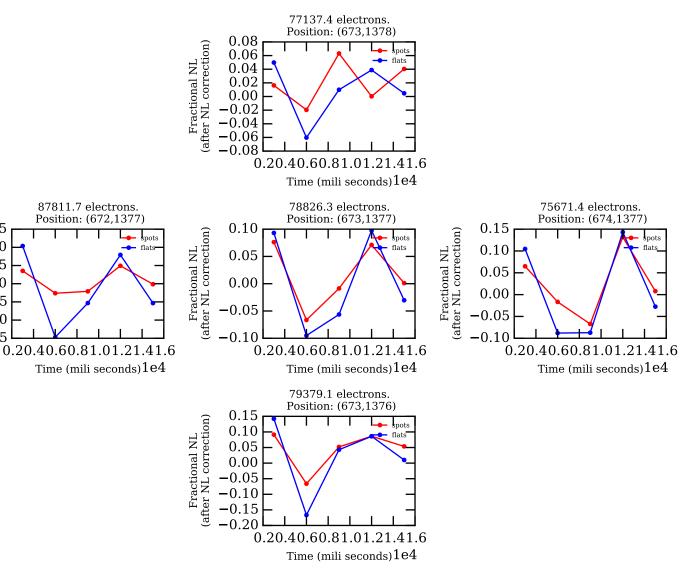
-0.05

-0.10 -0.15

(after NL correction)







0.10

0.05

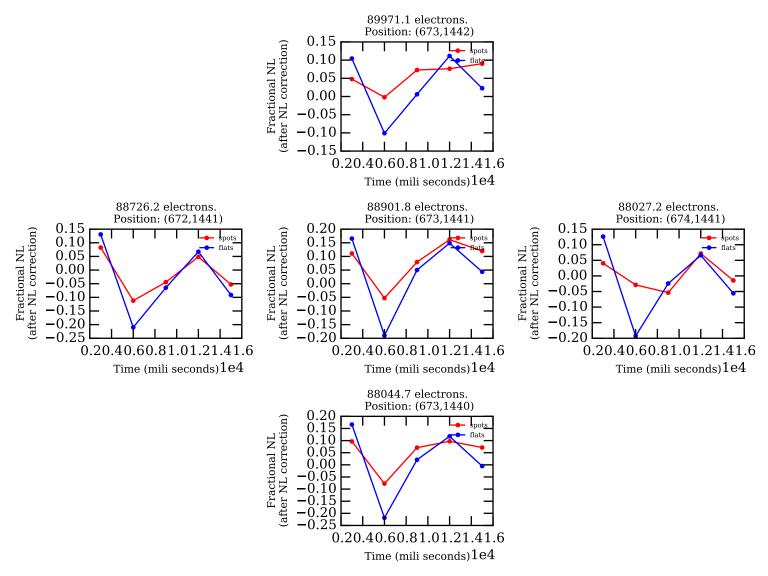
0.00

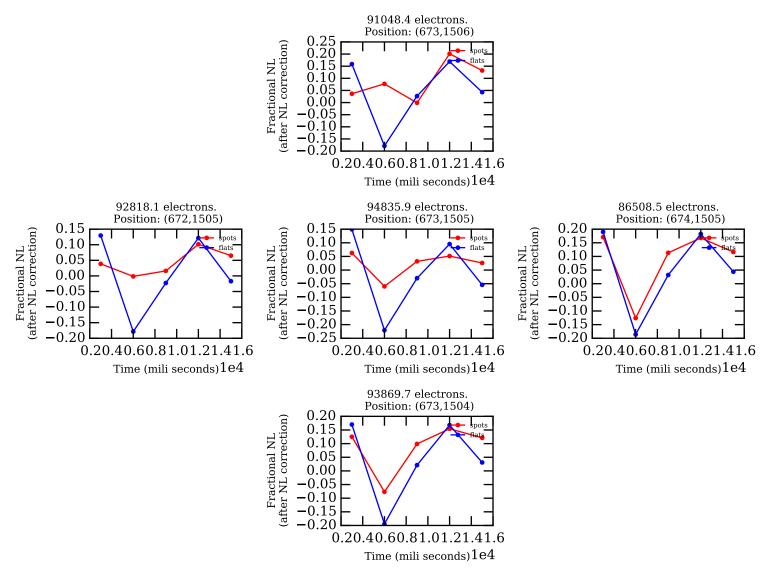
-0.05

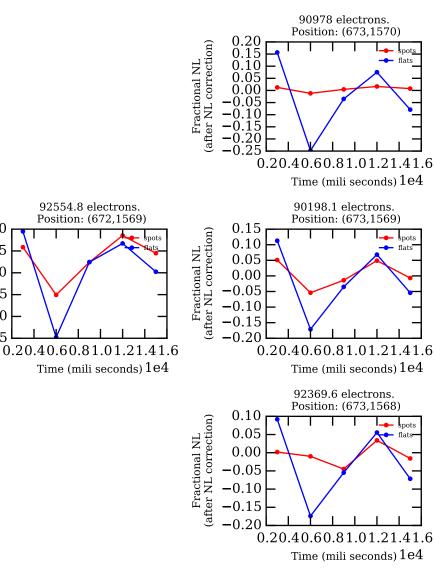
-0.10

-0.15

(after NL correction)







92554.8 electrons.

0.10

0.05

0.00

-0.05

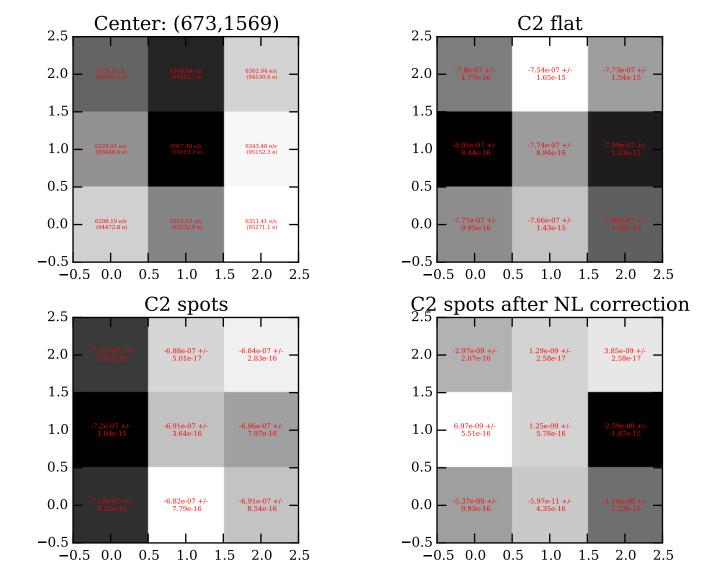
-0.10

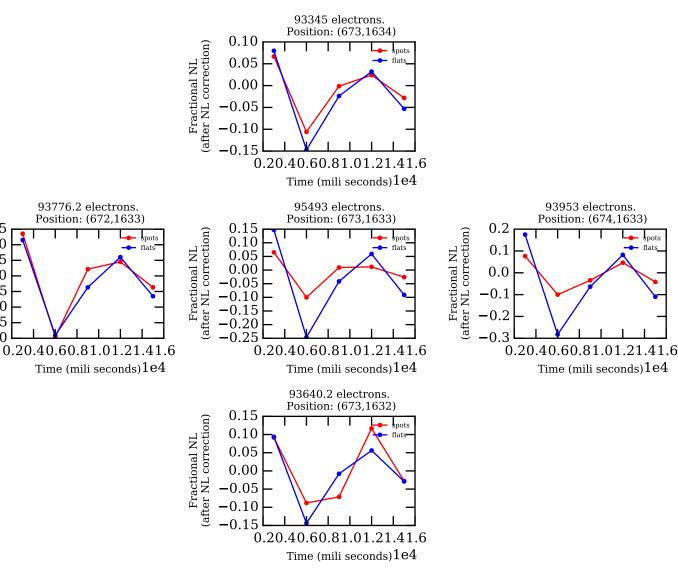
-0.15

(after NL correction)

Fractional NL

Position: (672,1569)





flats

93776.2 electrons.

Position: (672,1633)

0.15

0.10

0.05

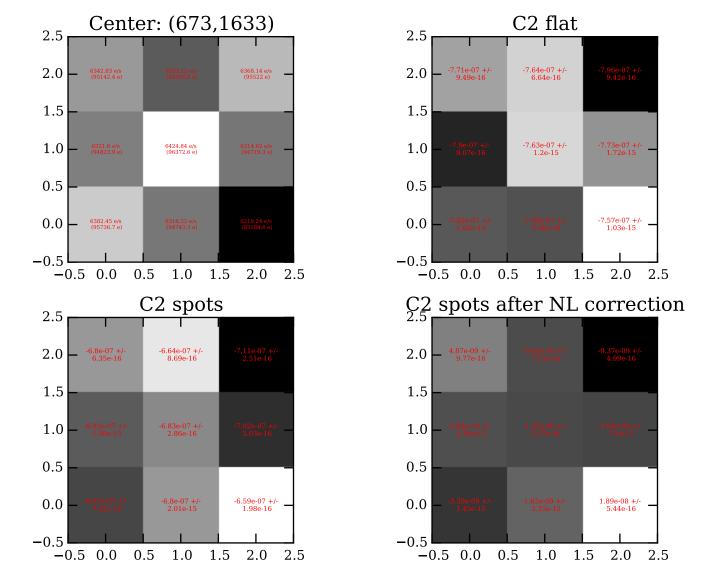
0.00 -0.05

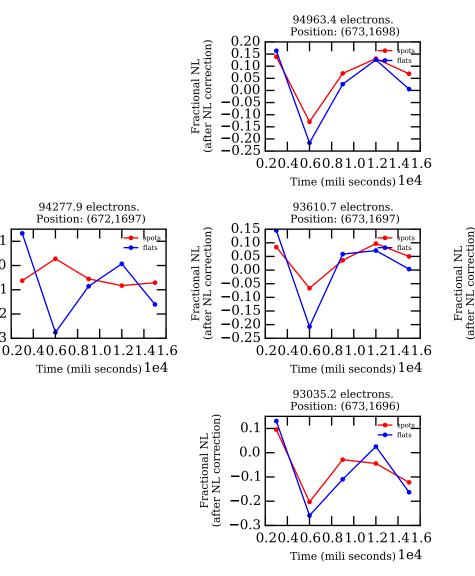
-0.10

-0.15

-0.20

(after NL correction)





94277.9 electrons. Position: (672,1697)

(after NL correction)

Fractional NL

0.1

0.0

-0.1

-0.2

-0.3

93441.2 electrons.

0.2

0.1

0.0

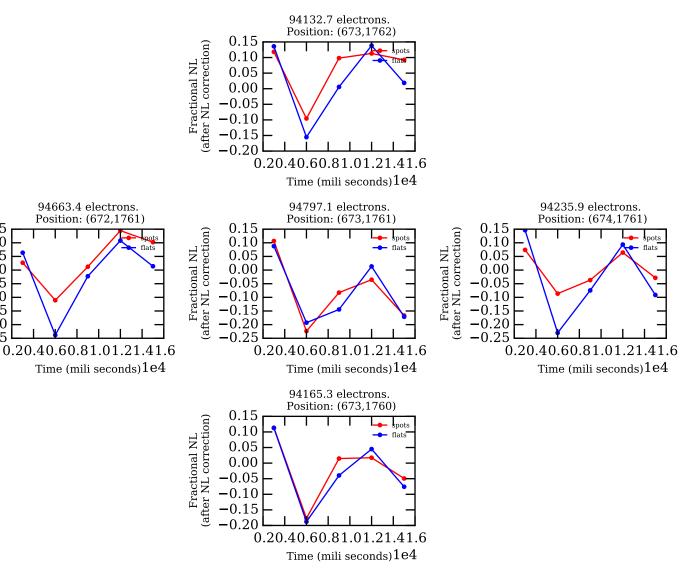
-0.1

-0.2

Position: (674,1697)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4



0.20

0.15

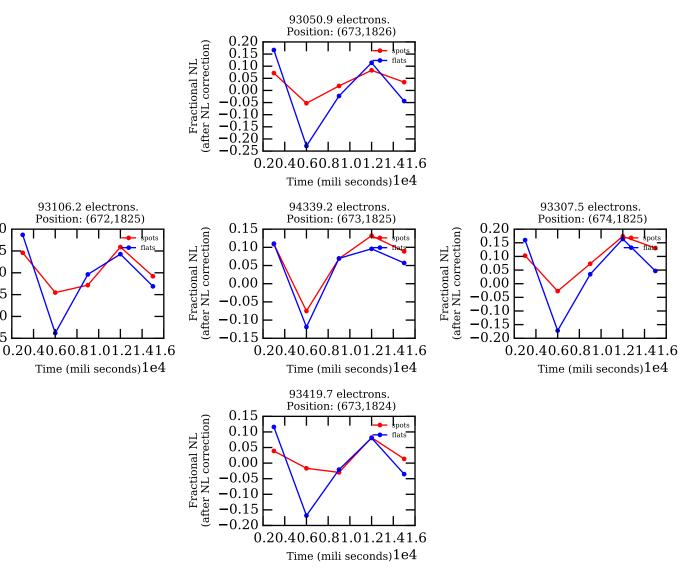
0.10

0.05

 $0.00 \\ -0.05$

-0.10

(after NL correction)



0.05

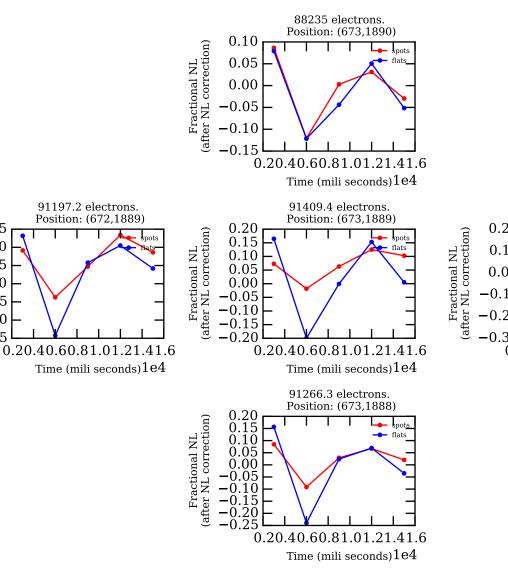
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

0.05

0.00

-0.05

-0.10

-0.15

(after NL correction)

Fractional NL

88636.3 electrons.

Position: (674,1889)

0.20.40.60.81.01.21.41.6

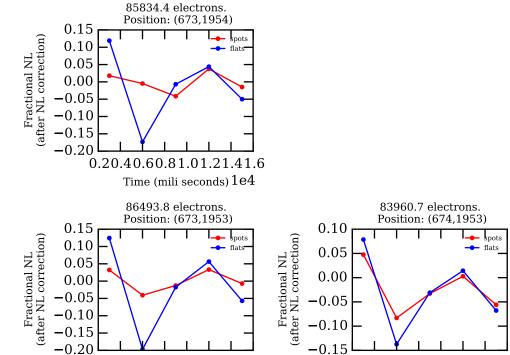
Time (mili seconds) 1e4

flats

0.2

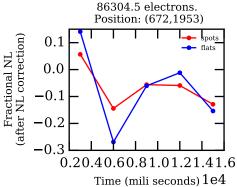
0.1

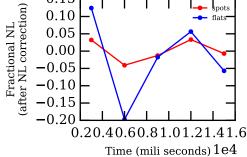
0.0

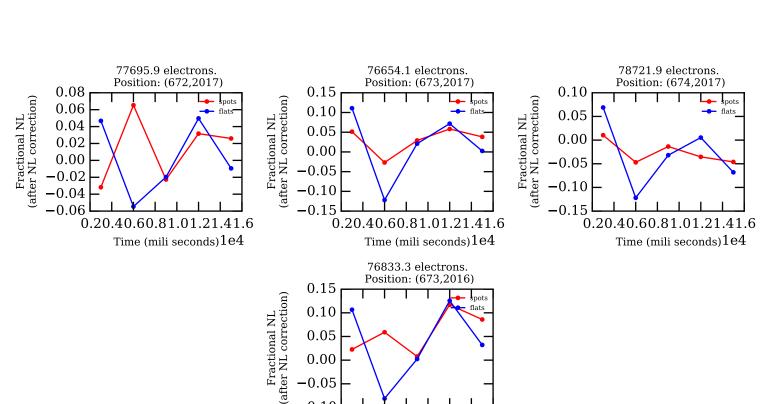


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

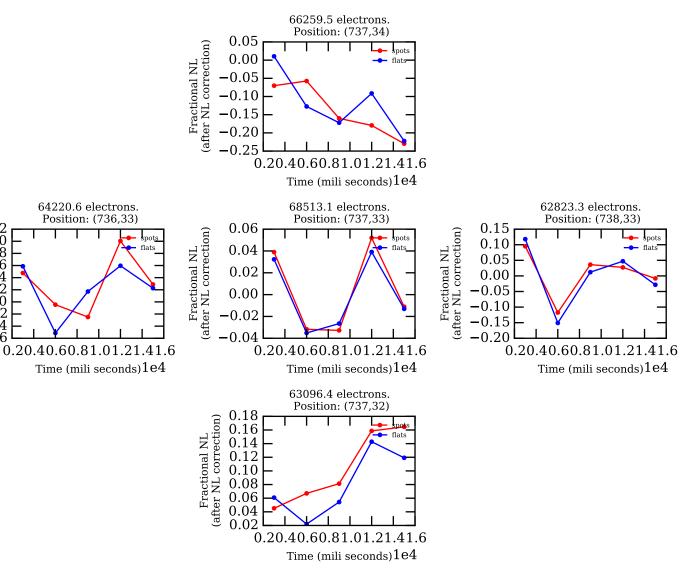






0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.10

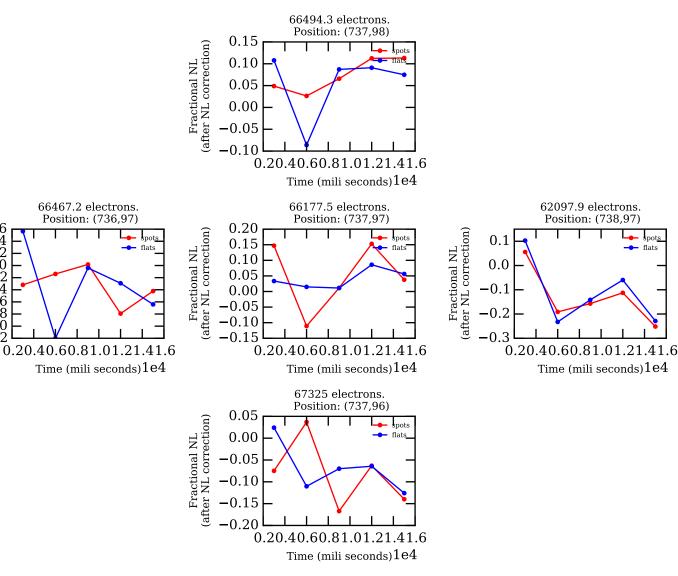


 $0.12 \\ 0.10$

0.08 0.06

-0.04 -0.06

(after NL correction)

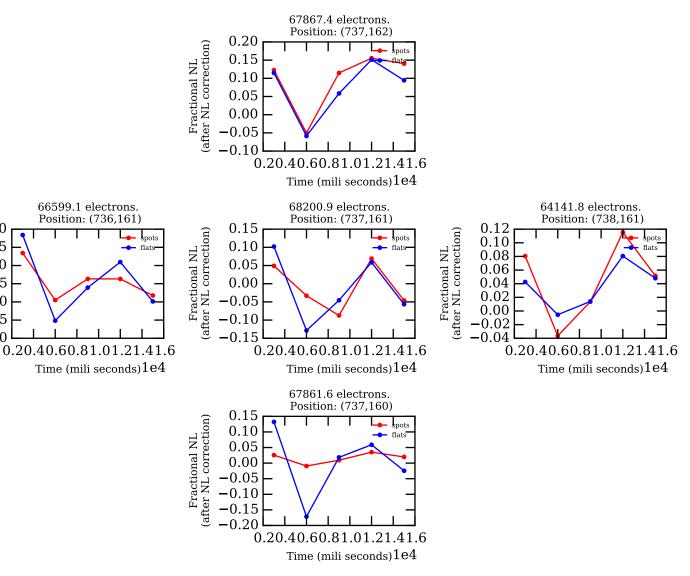


- flats

0.06

 $0.04 \\ 0.02$

(after NL correction)



0.05

0.00

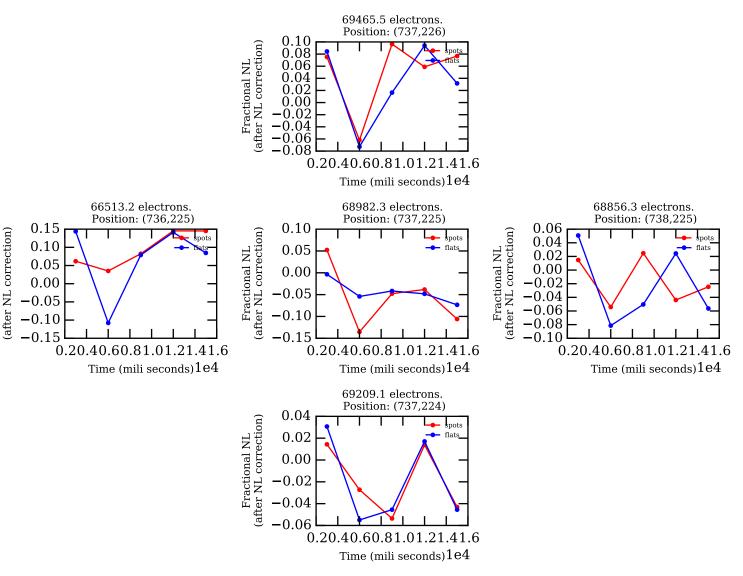
-0.05

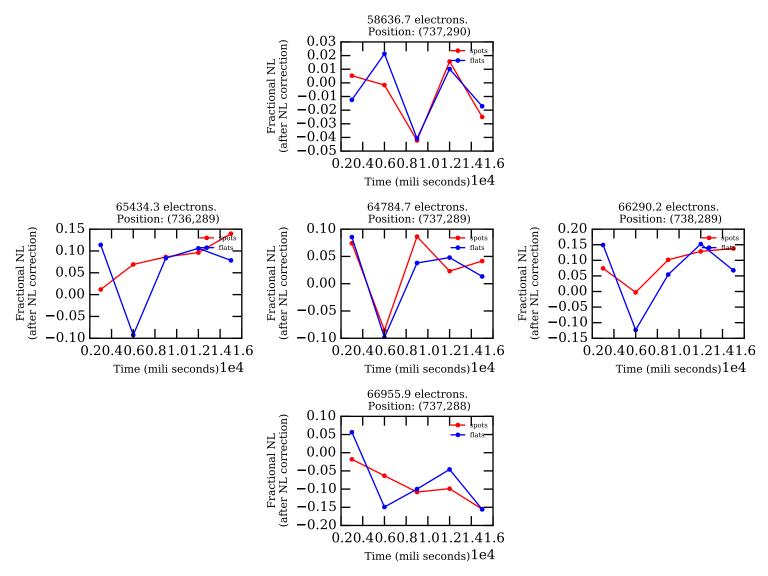
-0.10

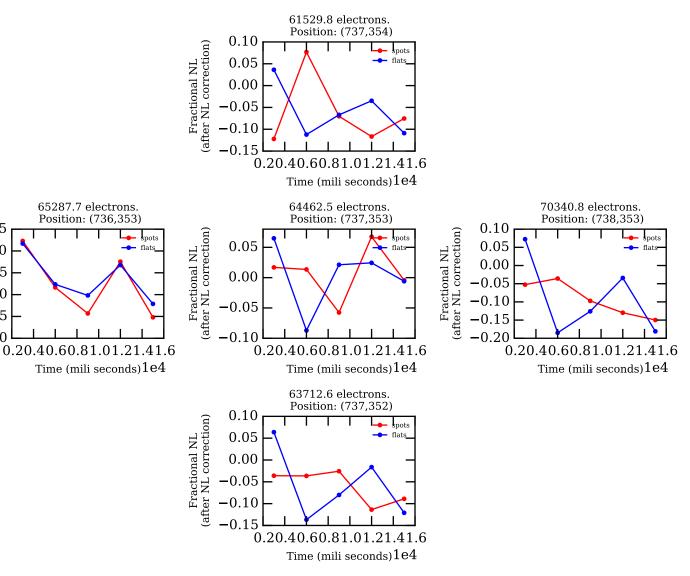
-0.15

-0.20

(after NL correction)







0.00

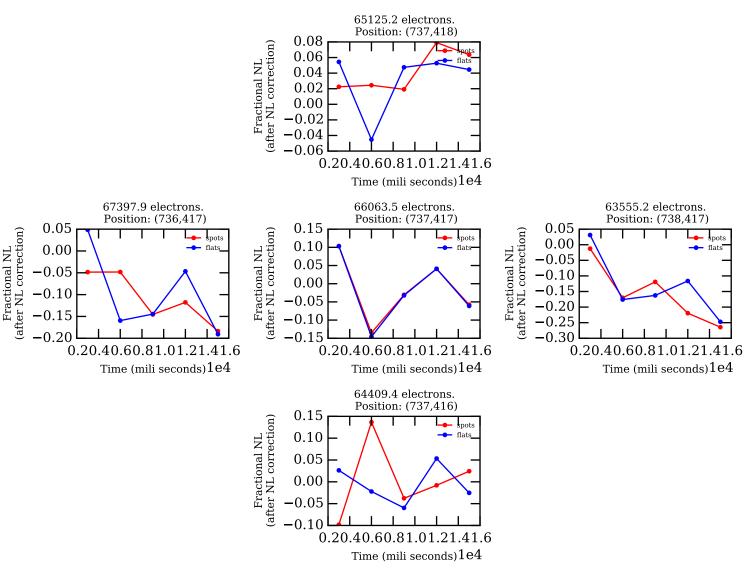
-0.05

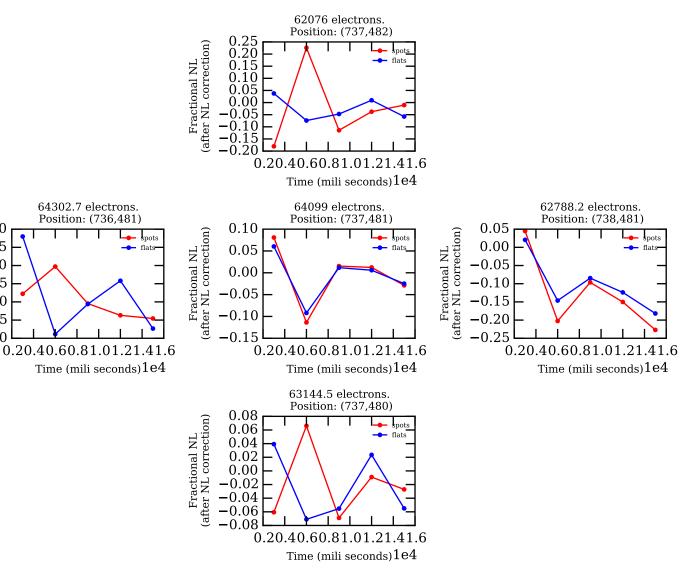
-0.10

-0.15

-0.20

(after NL correction)





0.05

0.00

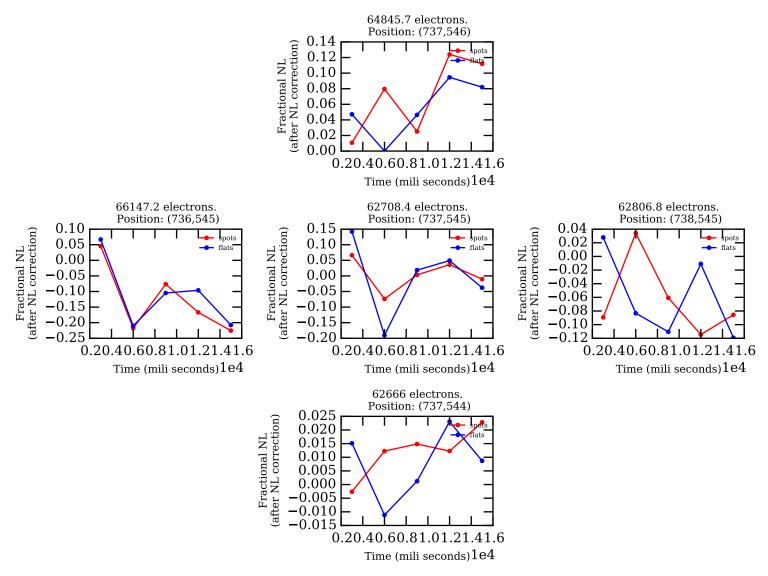
-0.05

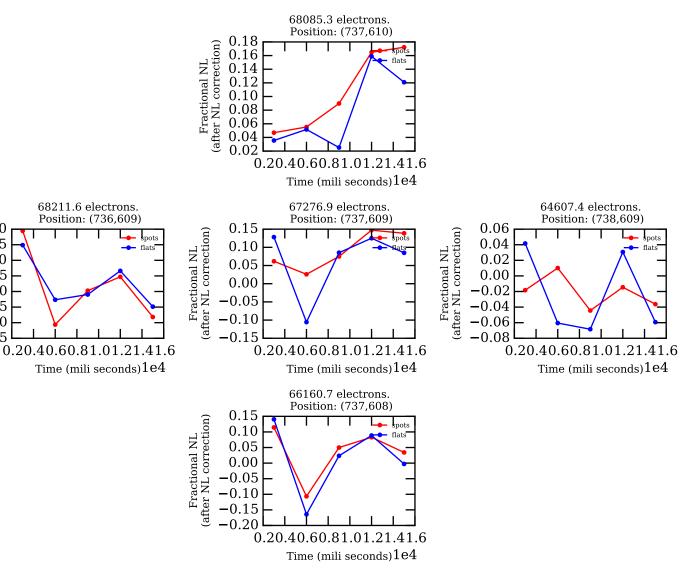
-0.10

-0.15

-0.20

(after NL correction)





0.05

0.00

-0.05

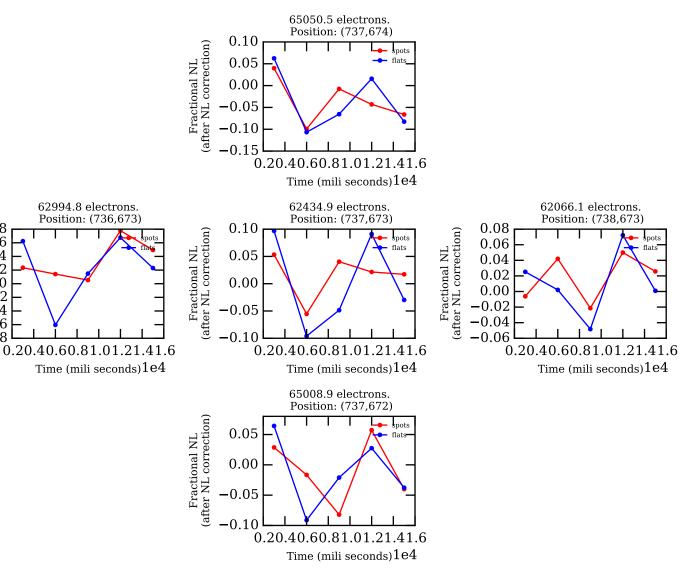
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.06

0.04

0.02

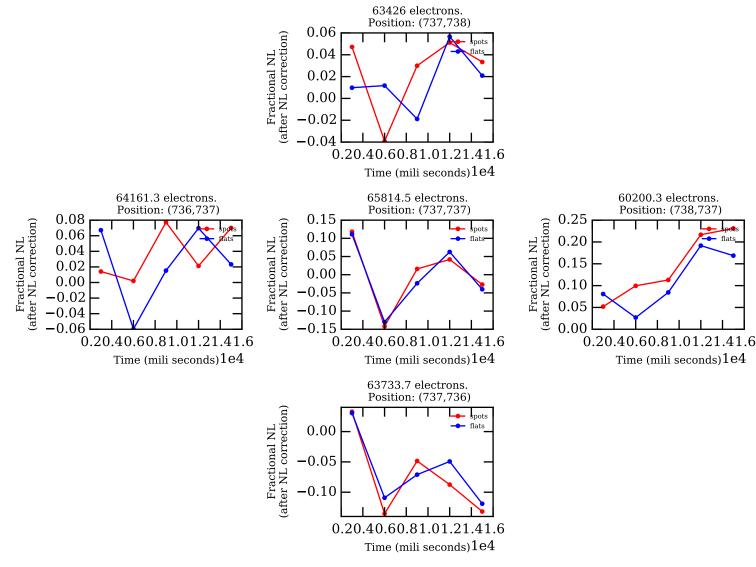
0.00

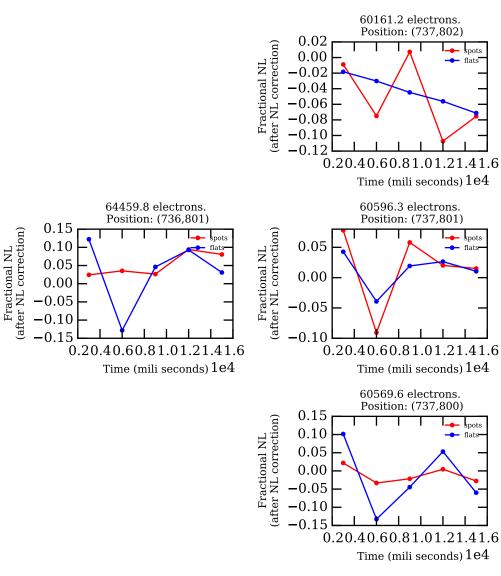
-0.04

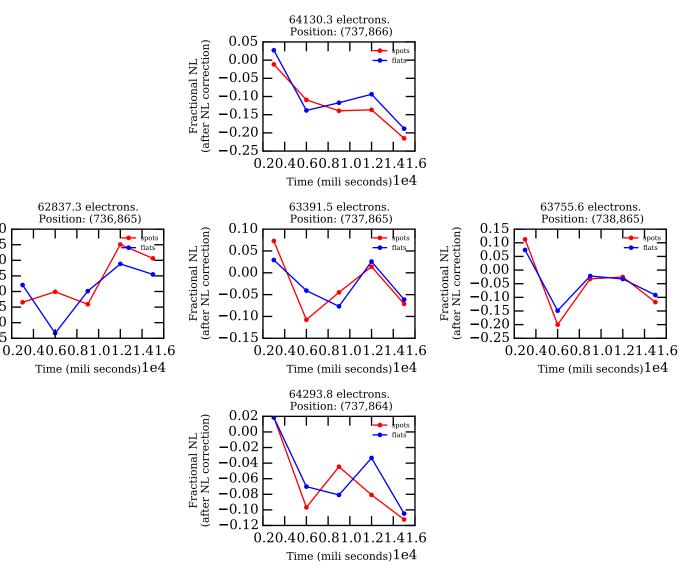
-0.06

-0.08

(after NL correction)







0.25

0.20

0.15

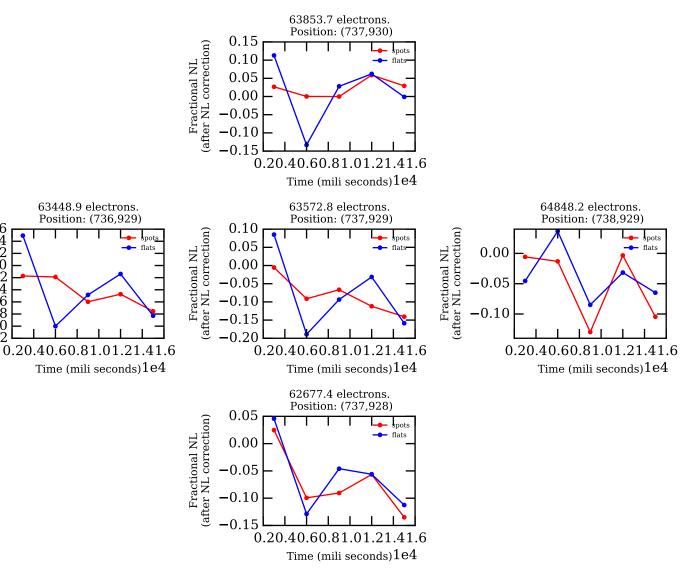
0.10

0.05

0.00

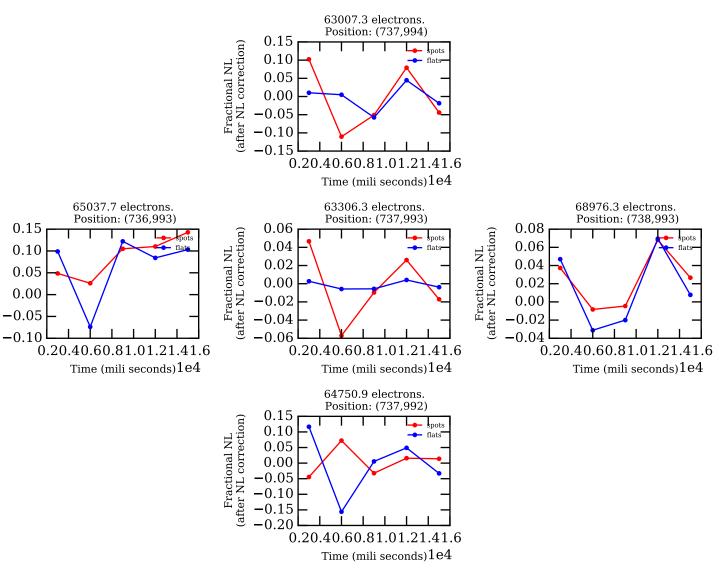
-0.05

(after NL correction)

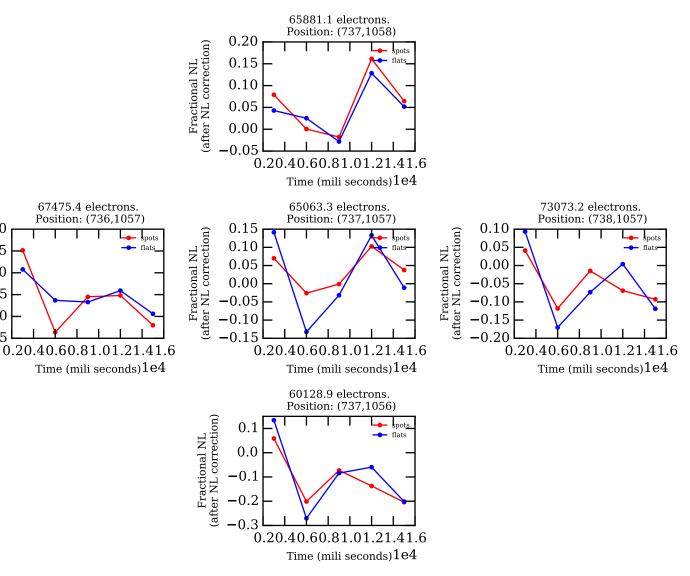


 $0.04 \\ 0.02$

(after NL correction)



(after NL correction)



0.05

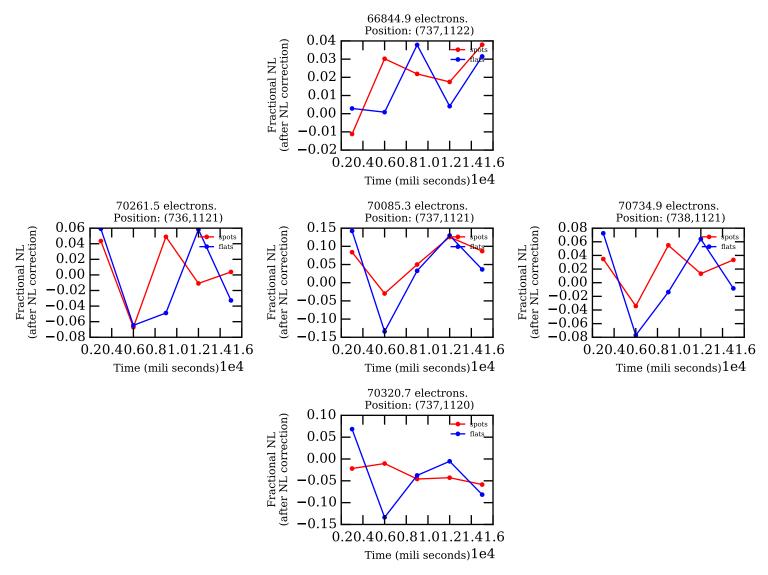
0.00

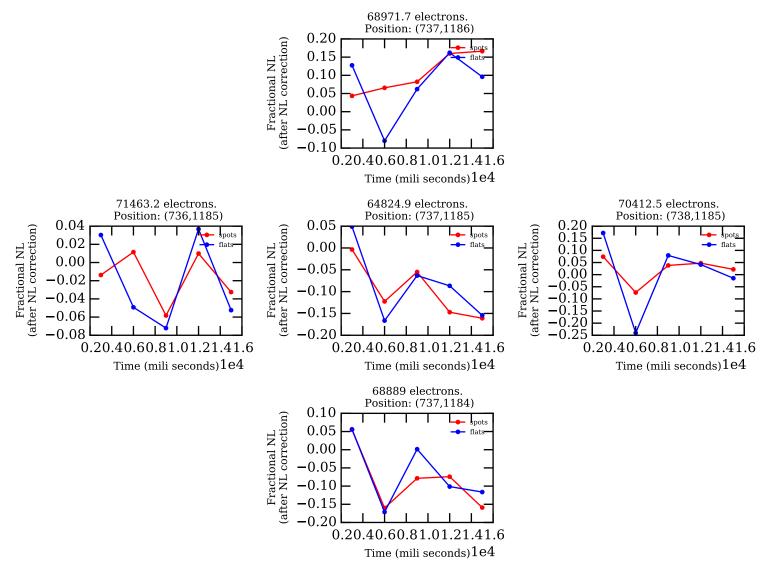
-0.05

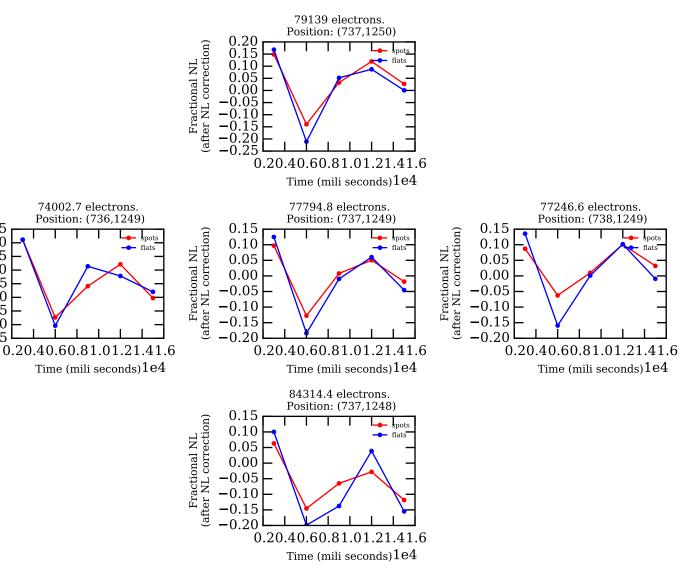
-0.10

-0.15

(after NL correction)







0.10

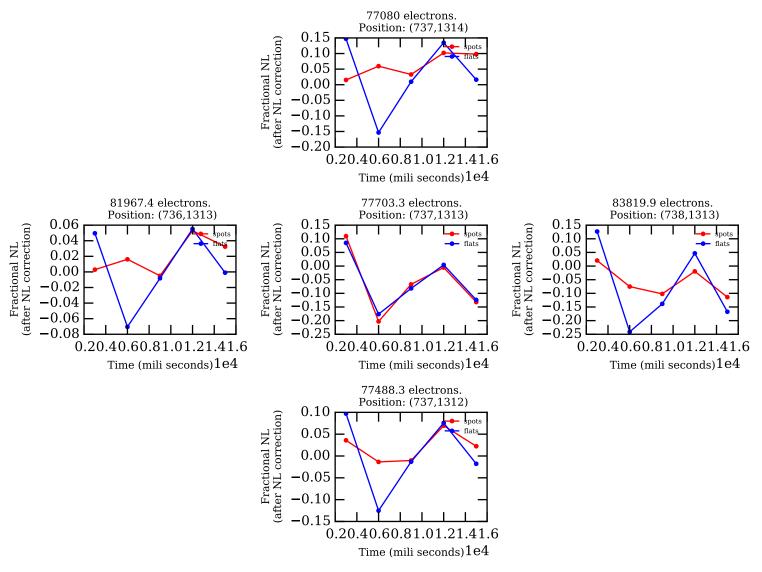
0.05

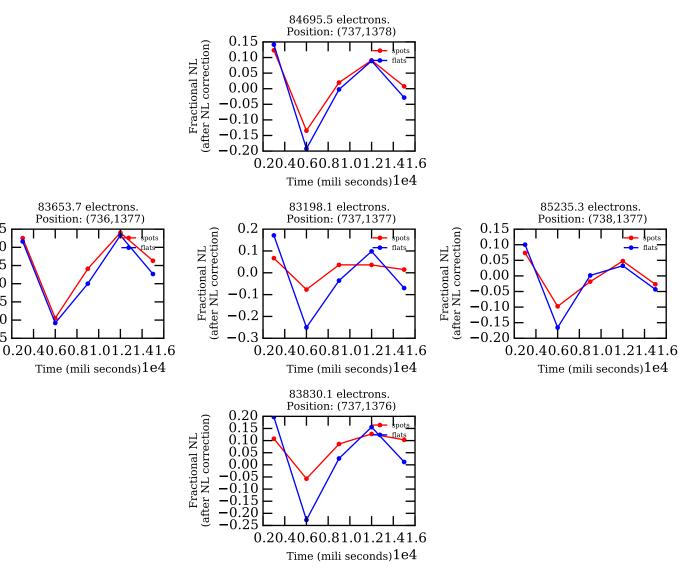
0.00

-0.05

-0.25

(after NL correction)





0.10

0.05

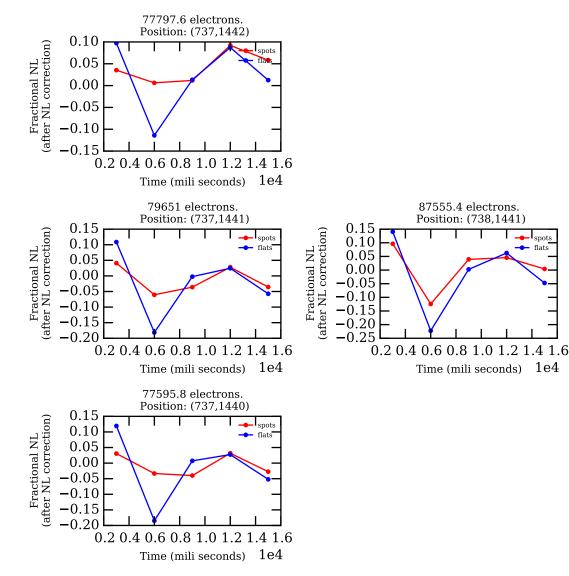
0.00

-0.05

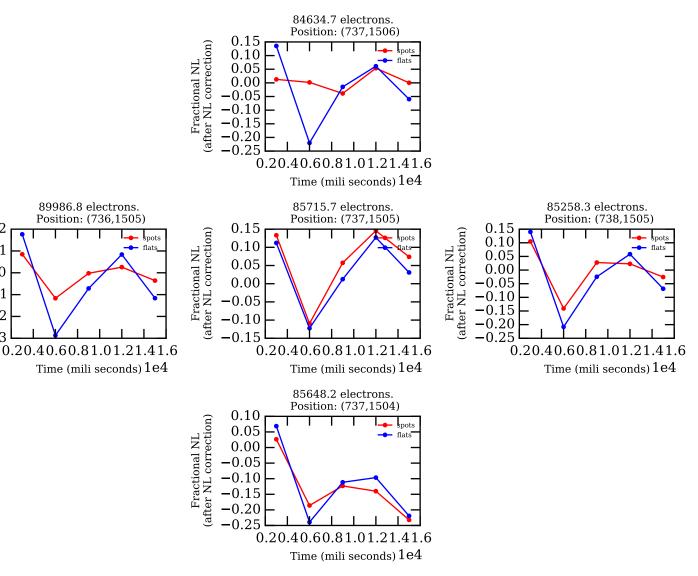
-0.10

-0.15

(after NL correction)



1e4



0.1

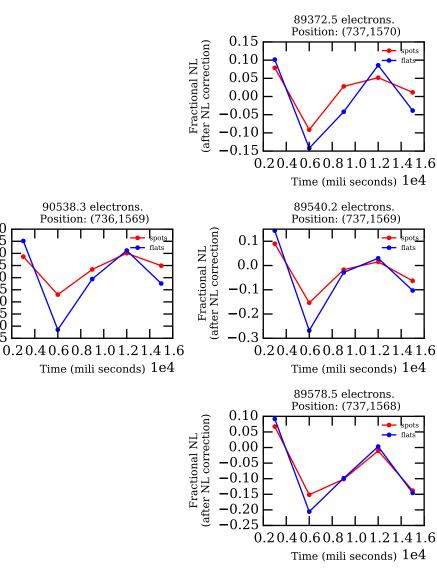
0.0

-0.1

-0.2

-0.3

(after NL correction)



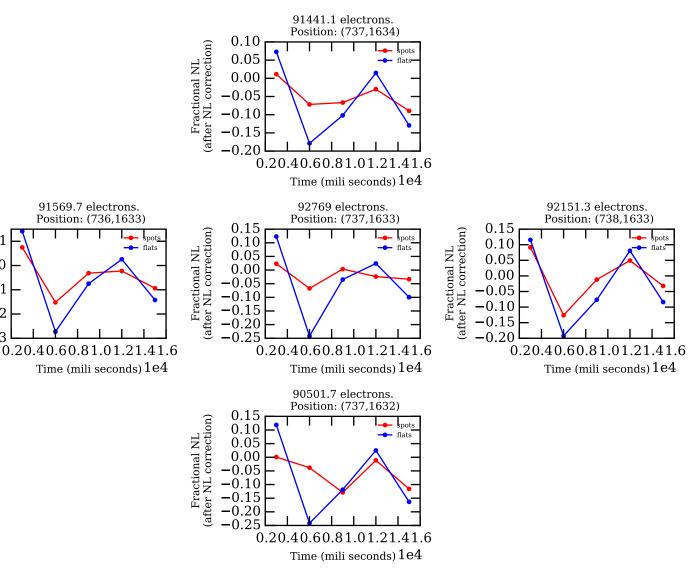
90538.3 electrons.

 $0.20 \\ 0.15$

(after NL correction)

Fractional NL

Position: (736,1569)



91569.7 electrons.

(after NL correction)

Fractional NL

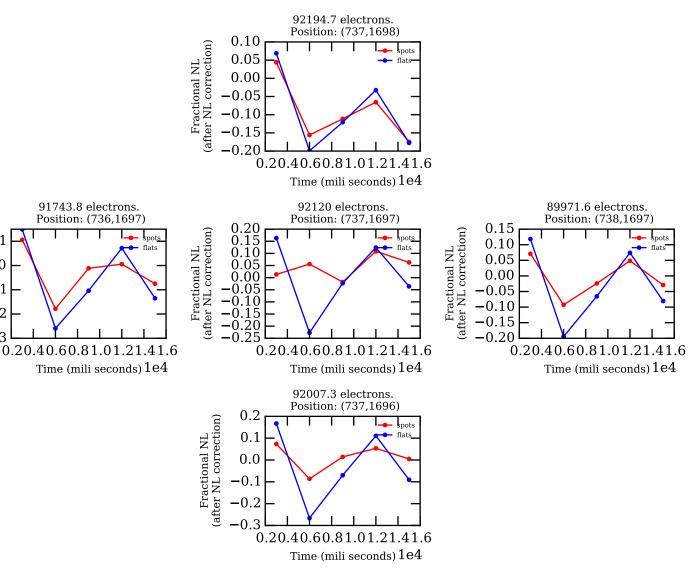
0.1

0.0

-0.1

-0.2

-0.3



Fractional NL (after NL correction)

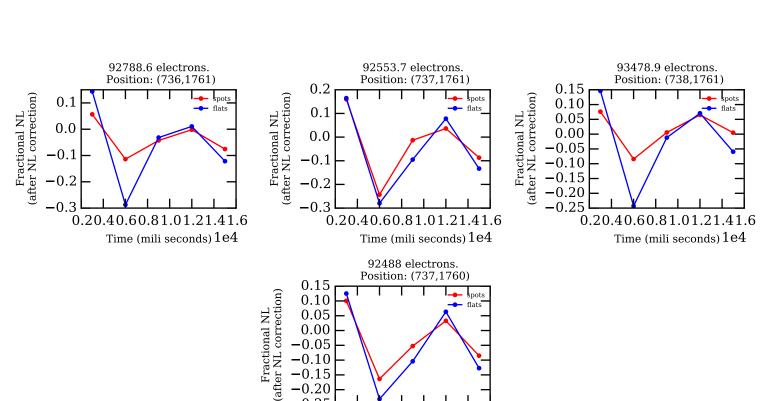
0.1

0.0

-0.1

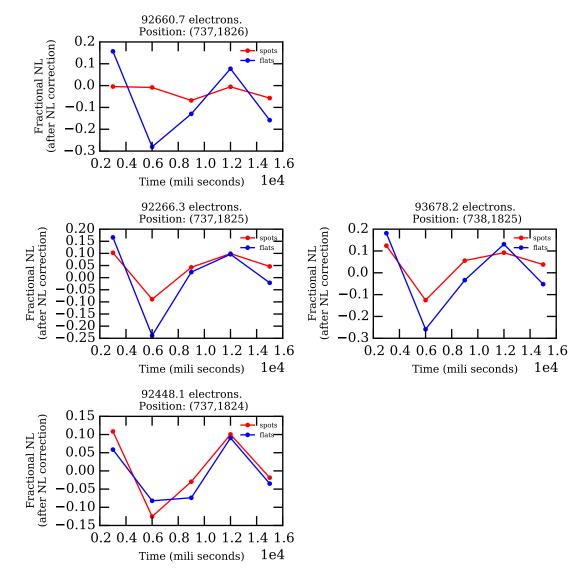
-0.2

-0.3



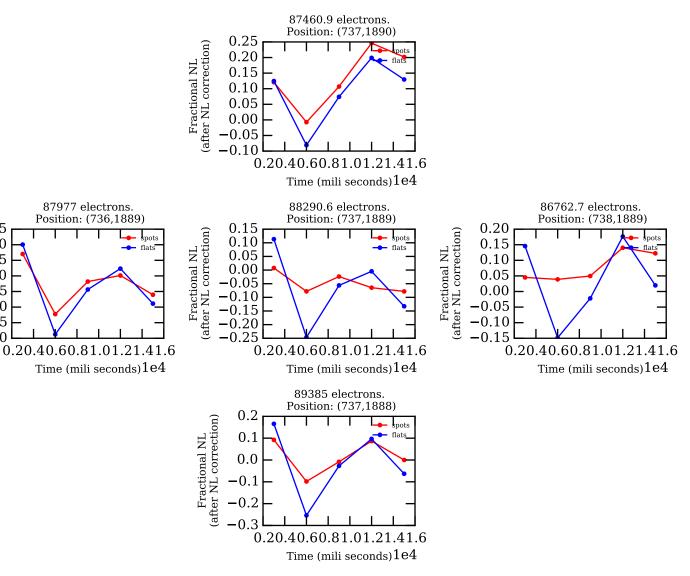
0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

-0.25



spots

1e4



0.10

0.05

0.00

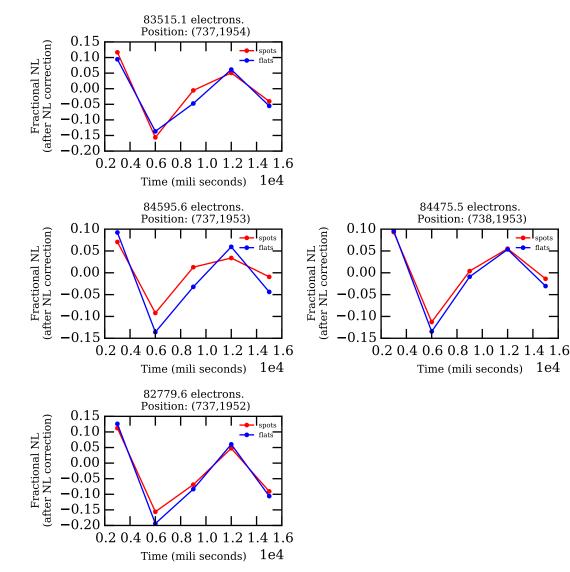
-0.05

-0.10

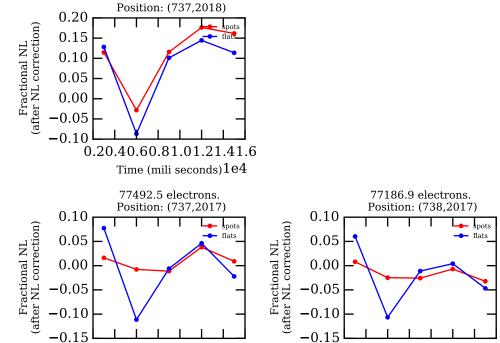
-0.15

-0.20

(after NL correction)

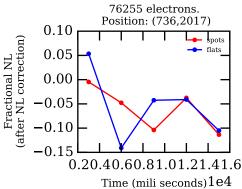


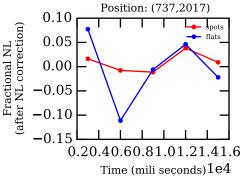
1e4



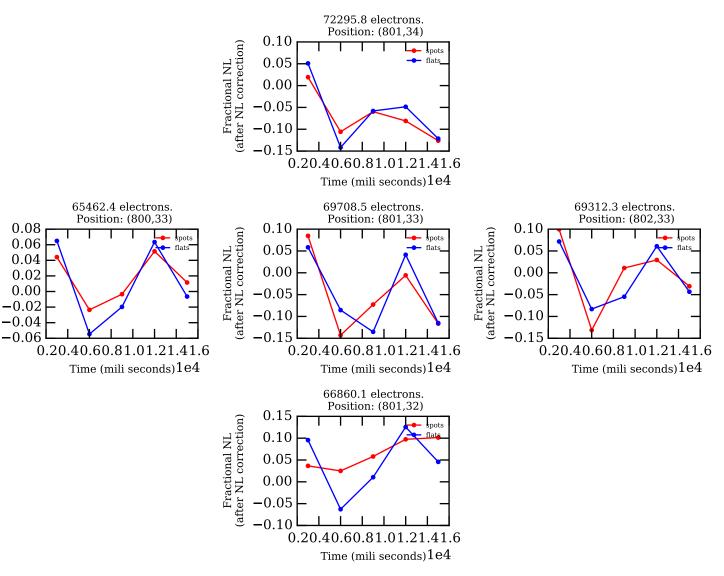
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

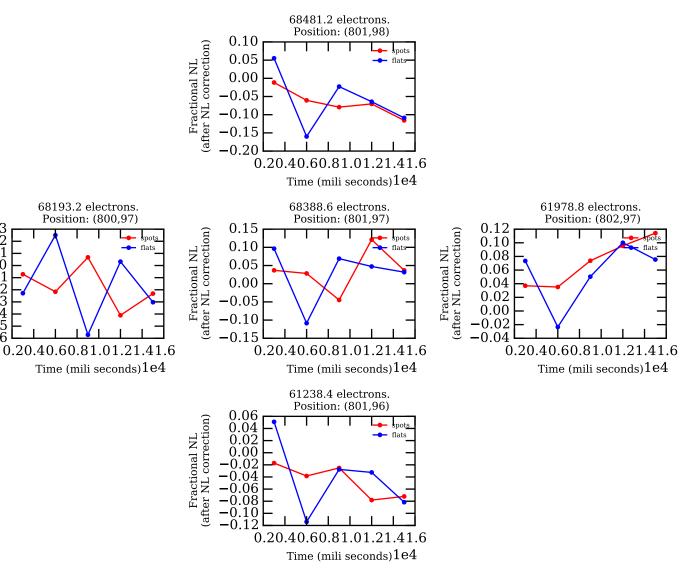




77625.8 electrons.



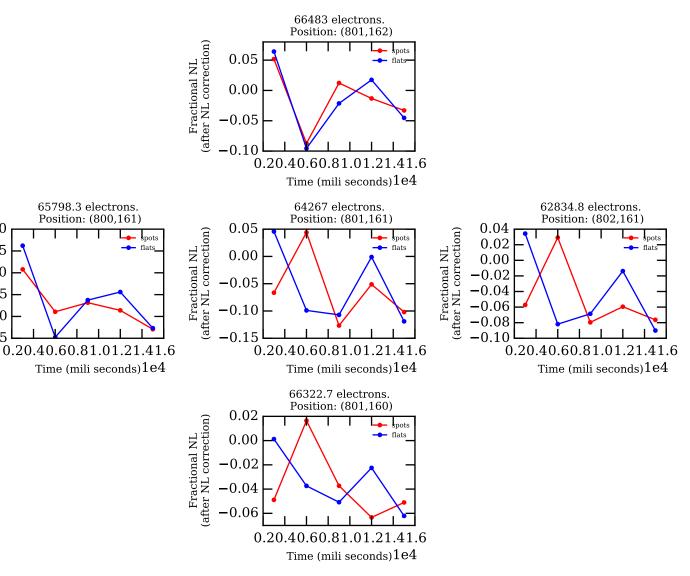
(after NL correction)



 $0.03 \\ 0.02 \\ 0.01$

-0.06

(after NL correction)



0.05

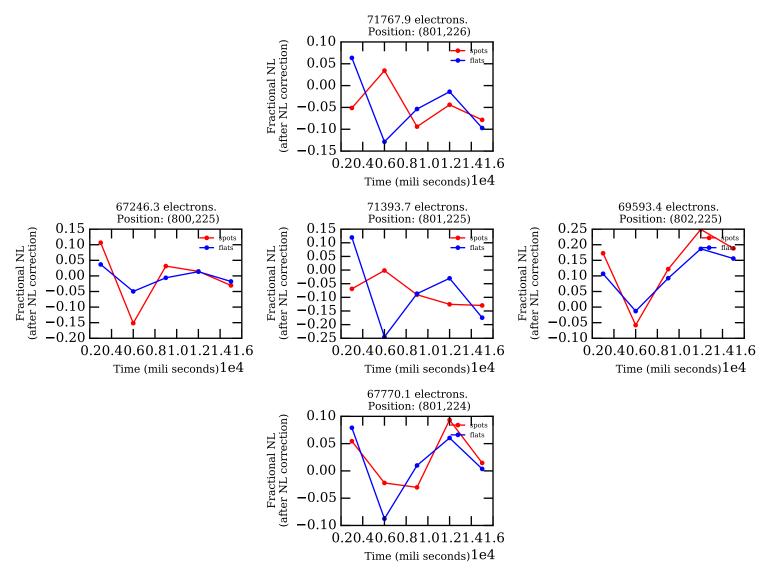
0.00

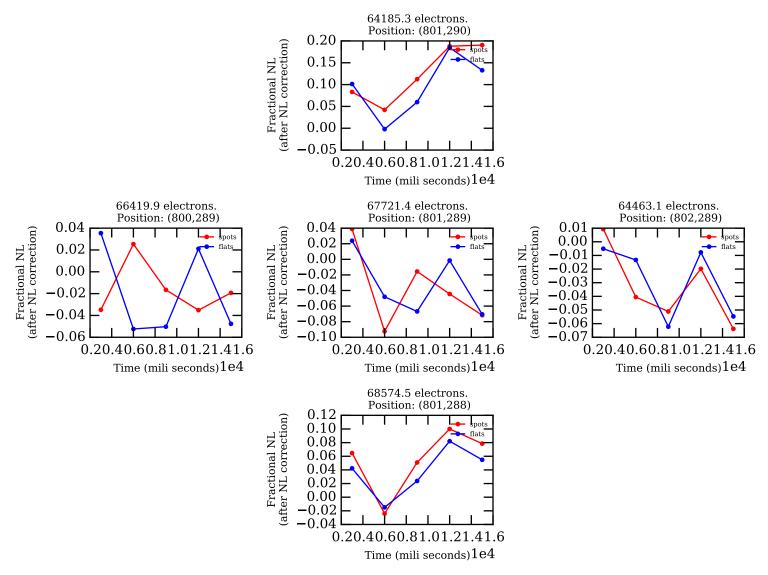
-0.05

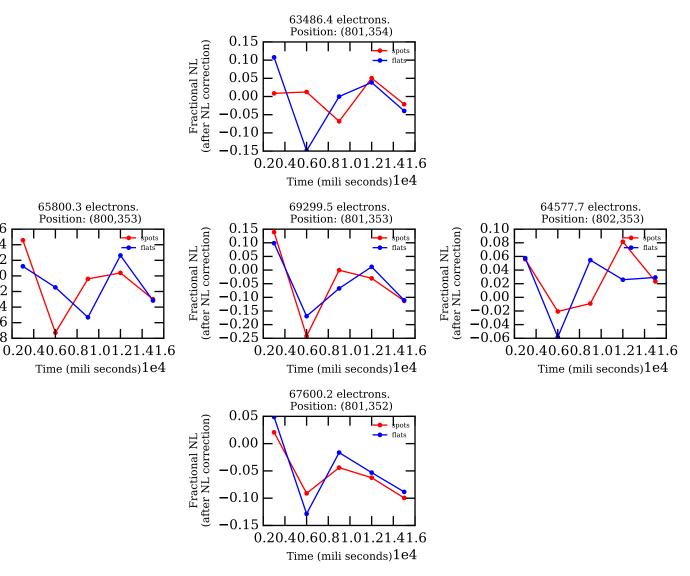
-0.10

-0.15

(after NL correction)







0.04

0.02

0.00

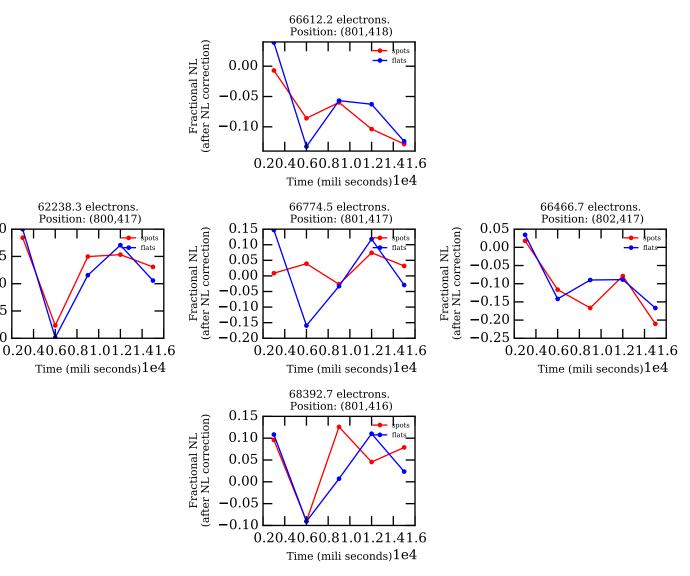
-0.02

-0.04

-0.06

-0.08

(after NL correction)



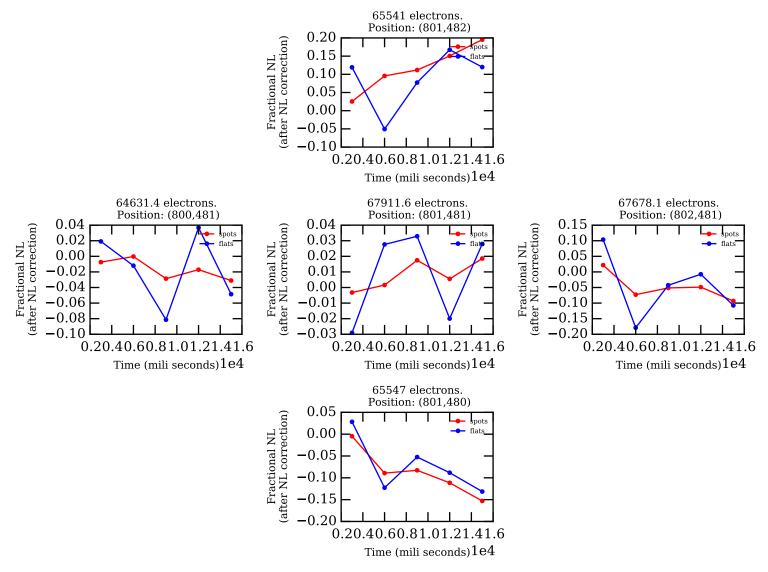
0.05

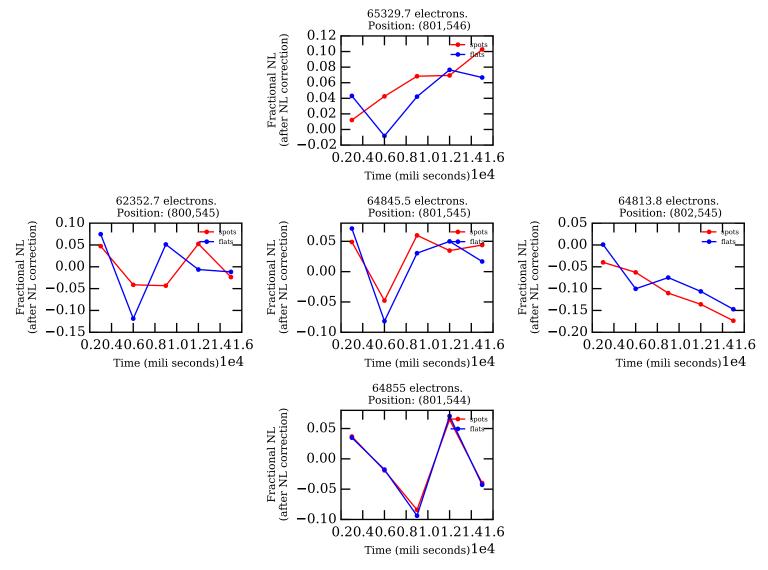
0.00

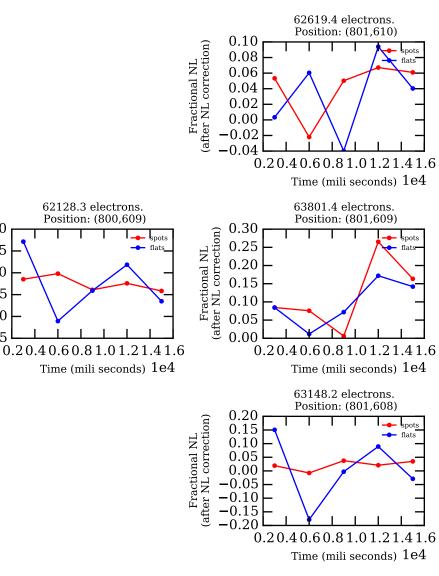
-0.05

-0.10

(after NL correction)







62128.3 electrons.

Position: (800,609)

0.10

0.05

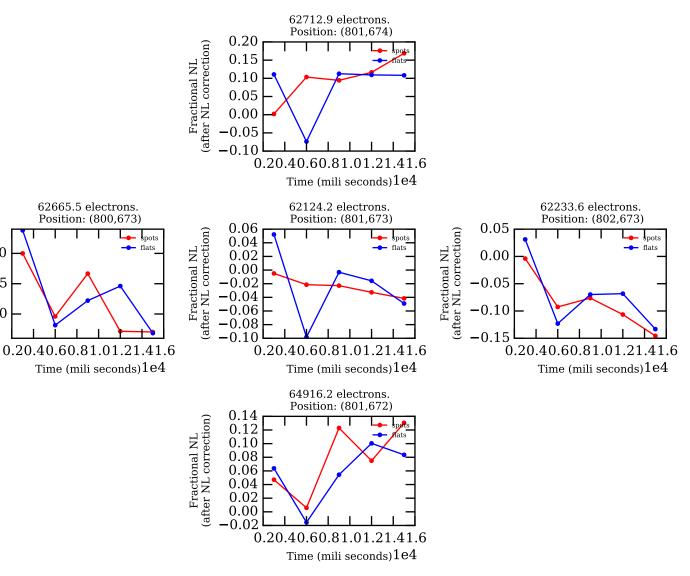
0.00

-0.05

-0.10

-0.15

(after NL correction)



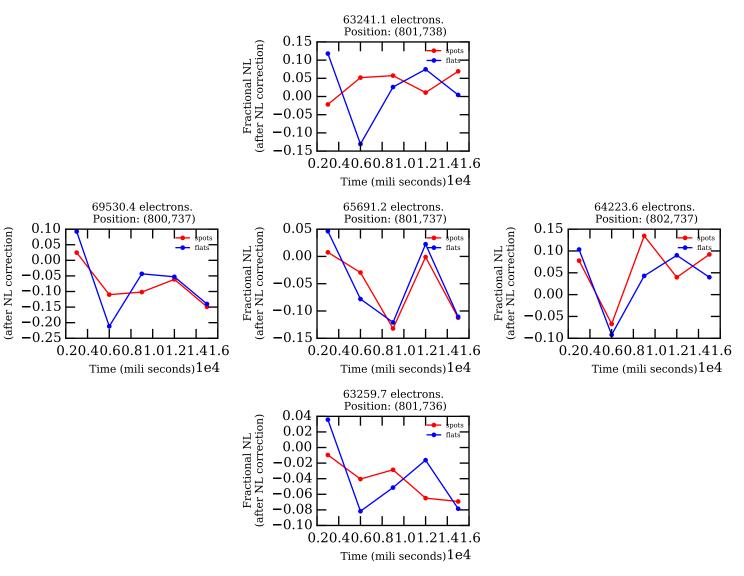
(after NL correction)

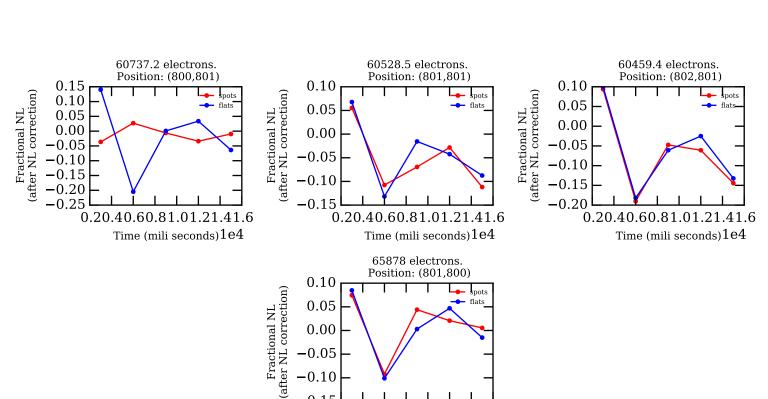
Fractional NL

0.00

-0.05

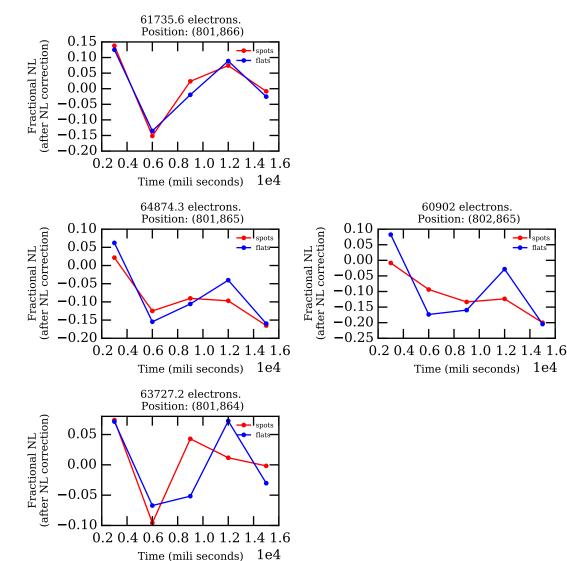
-0.10

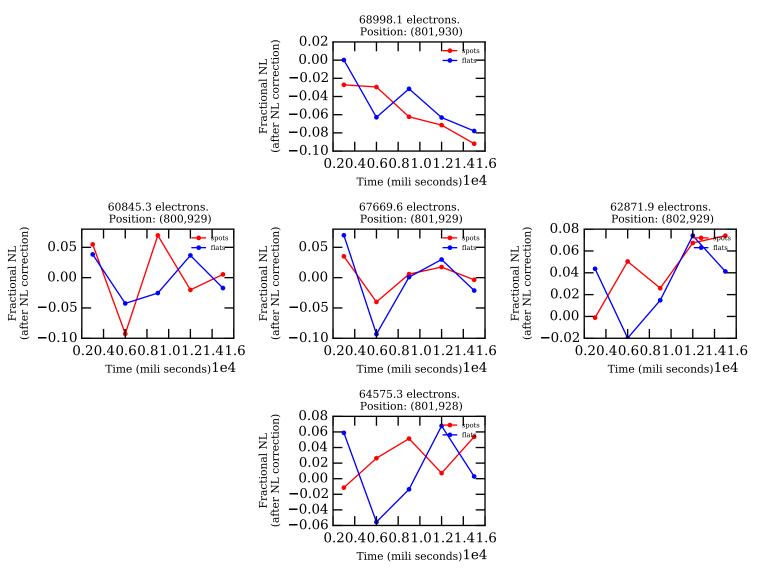


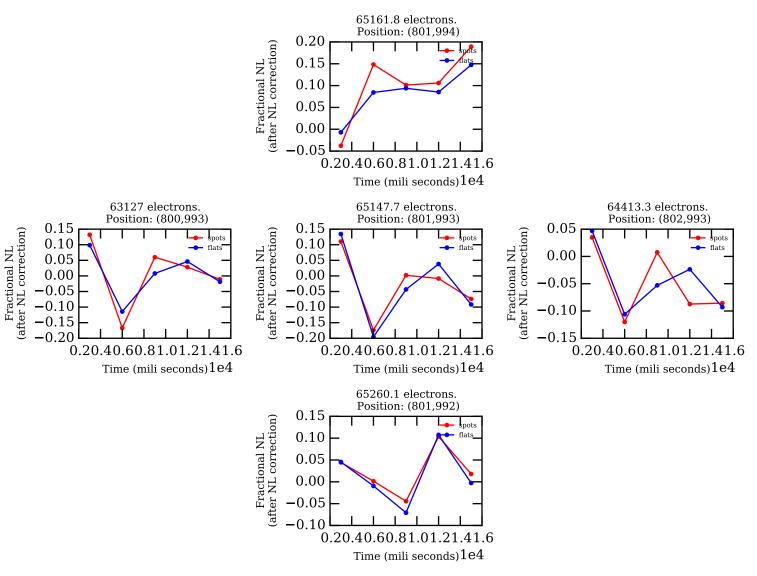


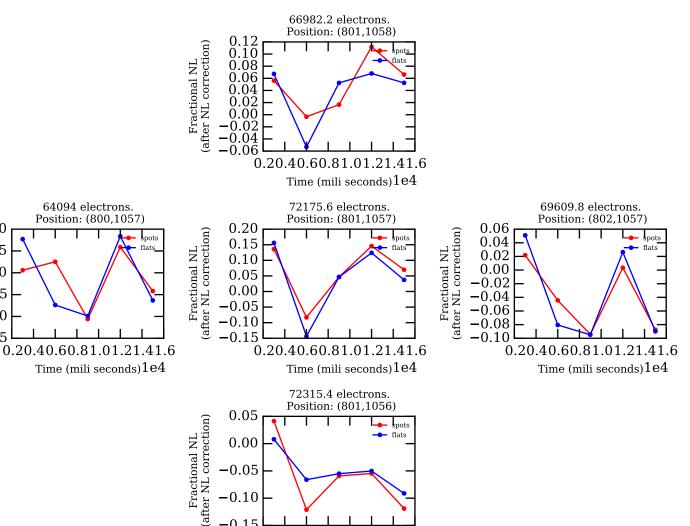
0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.10-0.15









64094 electrons.

-0.15

0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

0.10

0.05

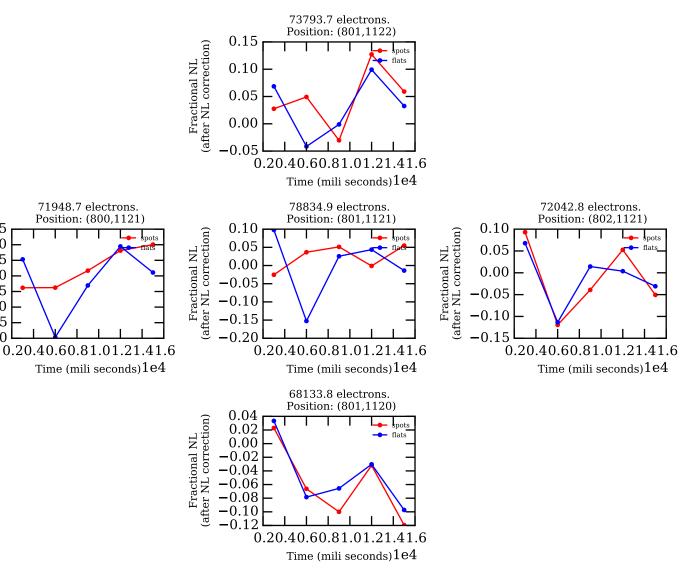
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.20

0.15

0.10

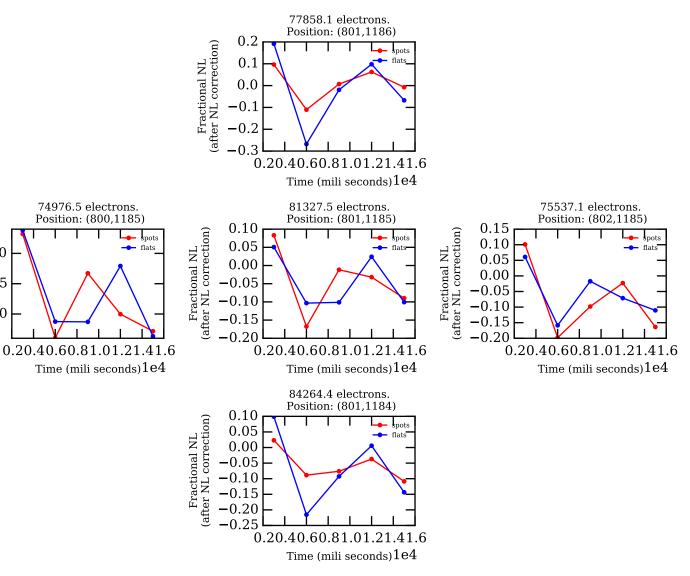
0.05

0.00

-0.05

-0.10

(after NL correction)



74976.5 electrons.

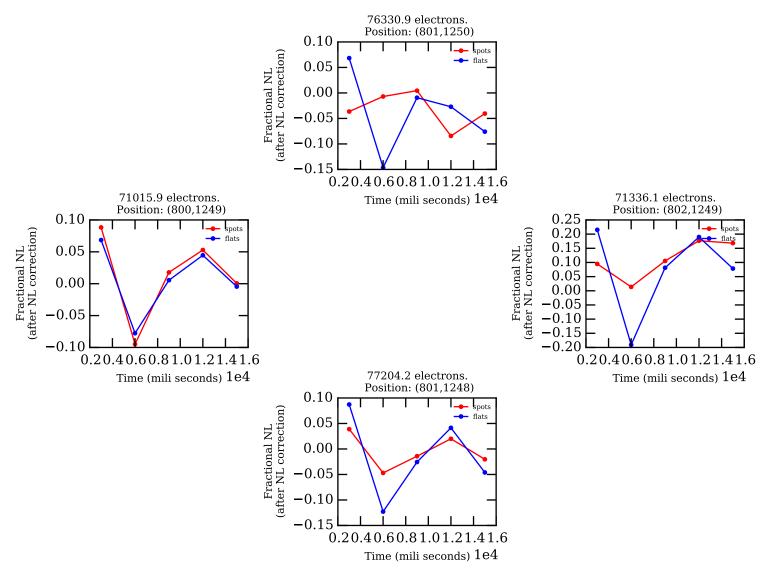
(after NL correction)

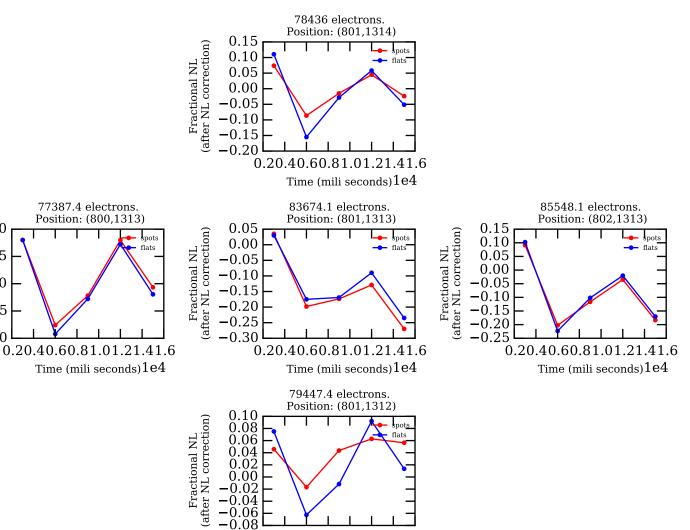
Fractional NL

0.00

-0.05

-0.10





0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

77387.4 electrons.

0.10

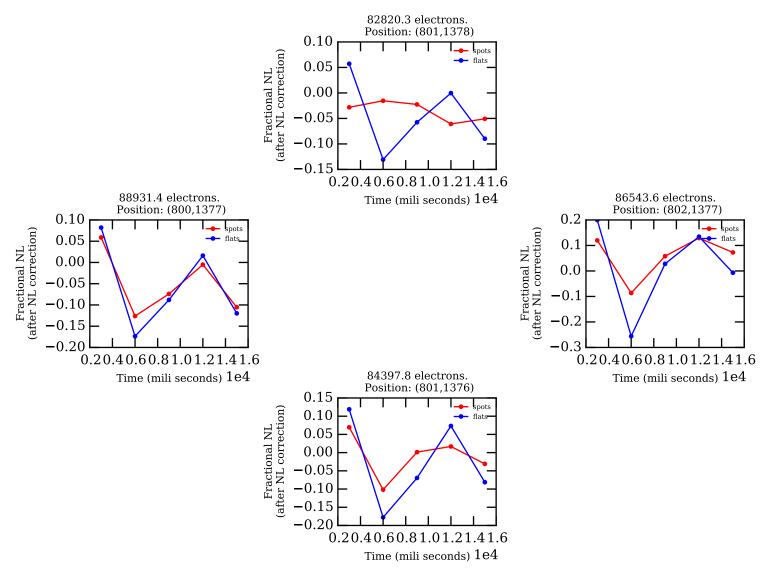
0.05

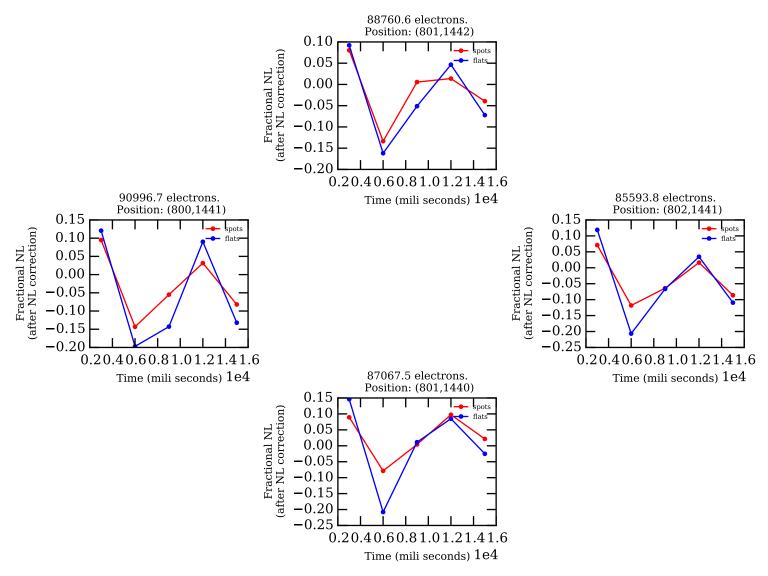
0.00

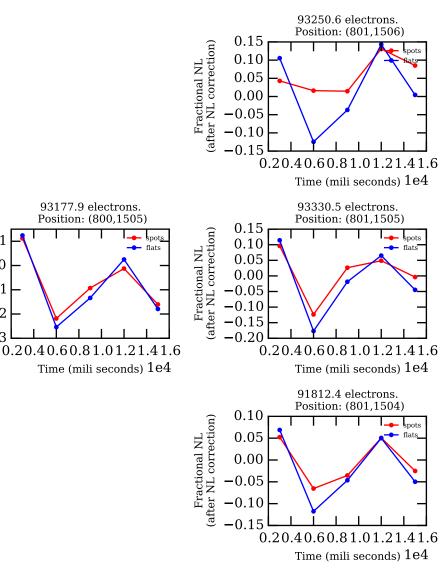
-0.05

-0.10

(after NL correction)







93177.9 electrons.

Position: (800,1505)

flats

Fractional NL (after NL correction)

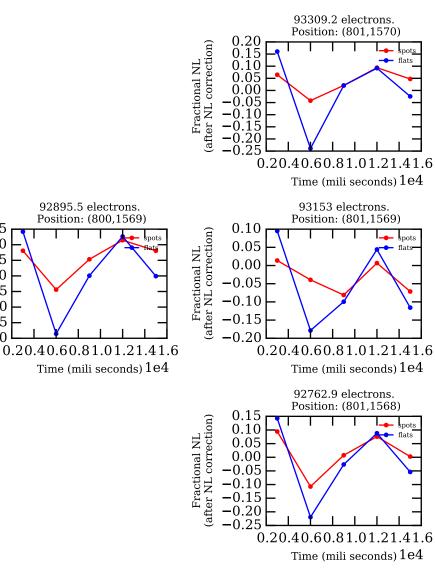
0.1

0.0

-0.1

-0.2

-0.3



92895.5 electrons.

Position: (800,1569)

0.15

0.10

0.05

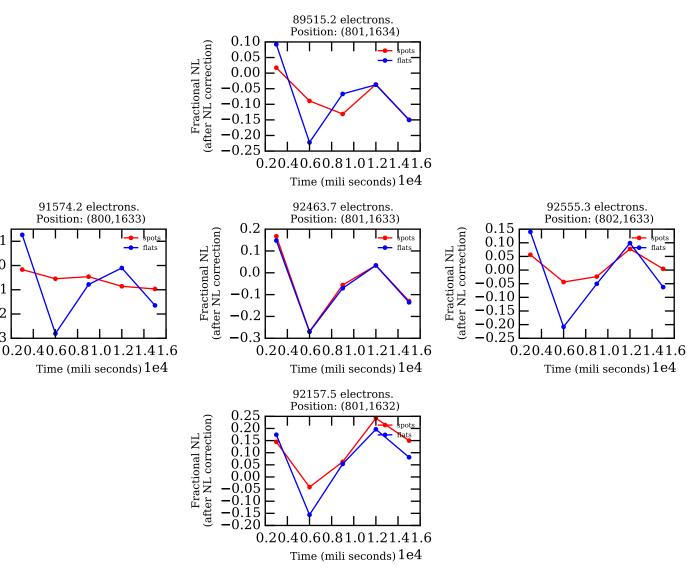
0.00

-0.05

-0.10

-0.15-0.20

(after NL correction)



(after NL correction)

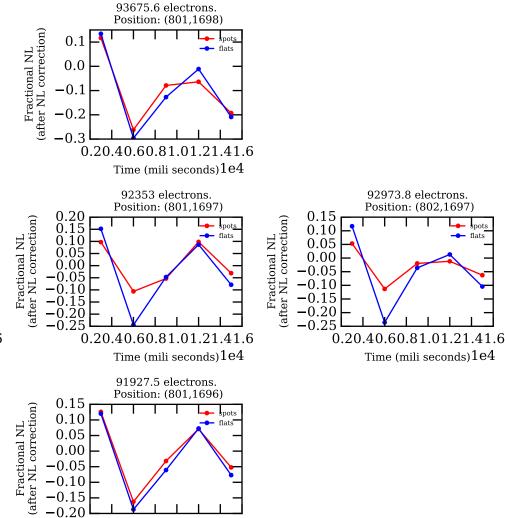
Fractional NL

0.1

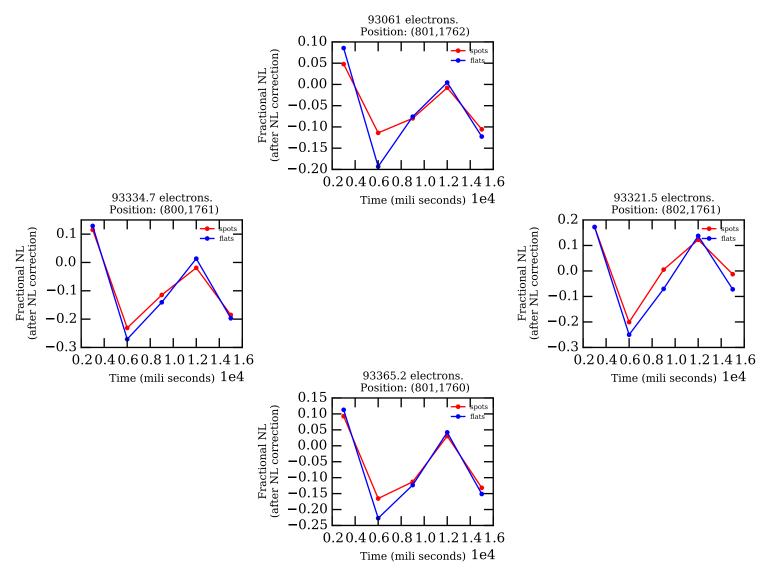
0.0

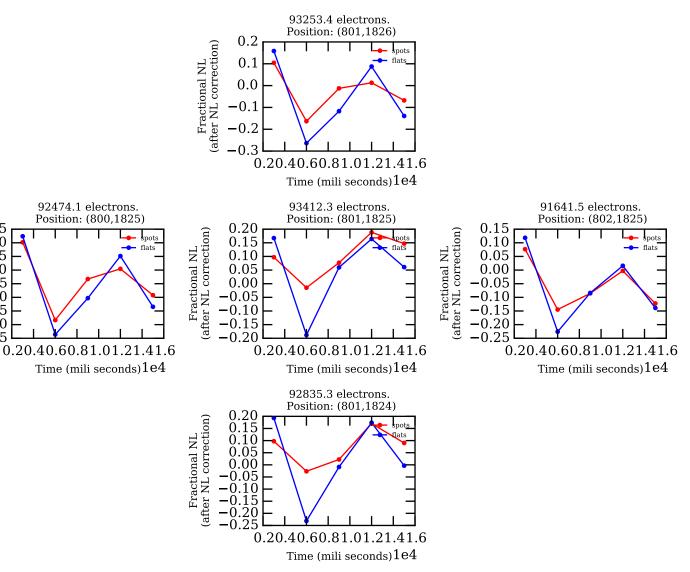
-0.1

-0.2



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4





92474.1 electrons.

0.15

0.10

0.05

0.00

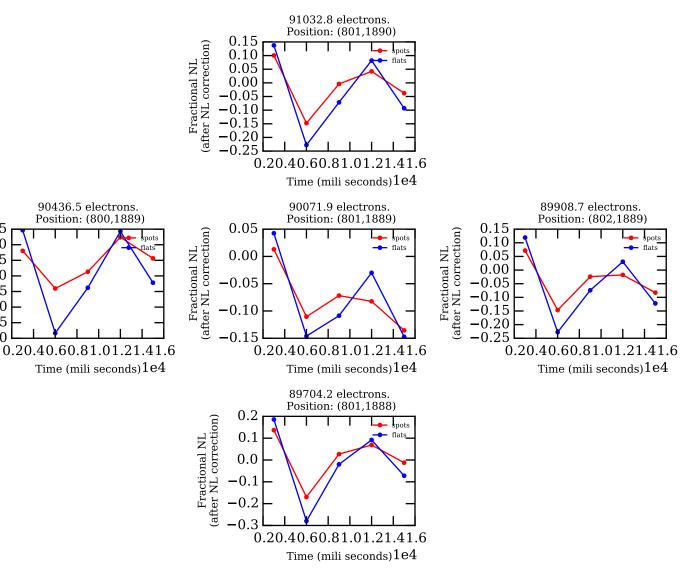
-0.05

-0.25

(after NL correction)

Fractional NL

Position: (800,1825)



0.10

0.05

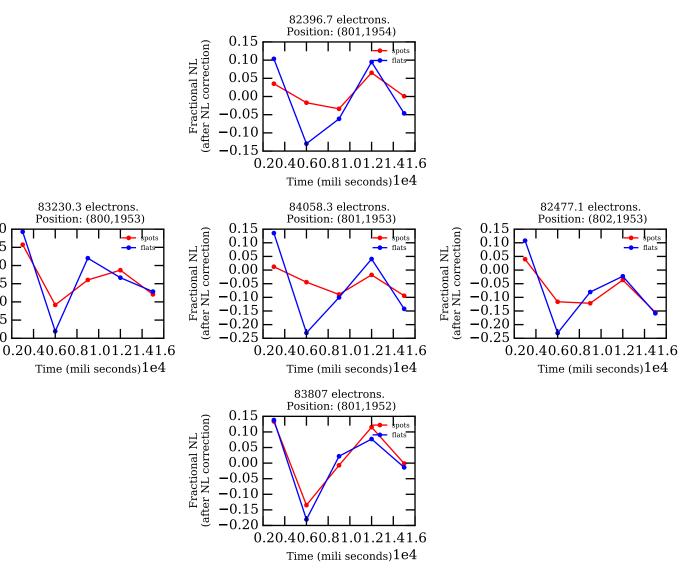
0.00

-0.05-0.10

-0.15

-0.20

(after NL correction)



0.05

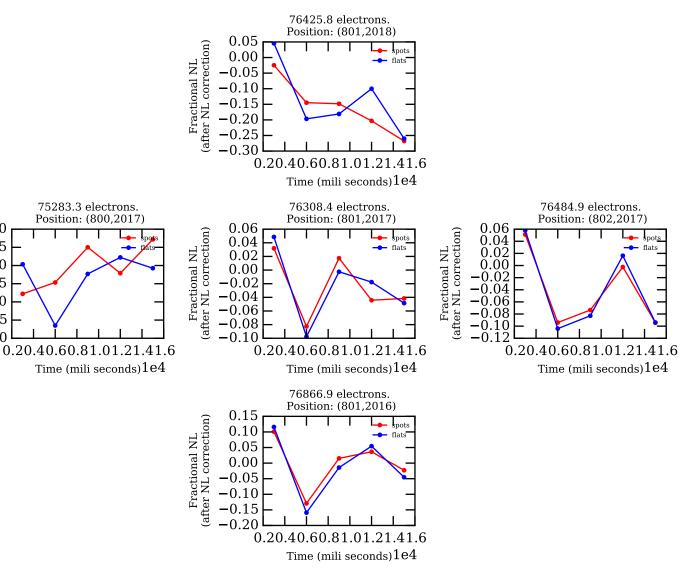
0.00

-0.05

-0.10 -0.15

-0.20

(after NL correction)



0.15

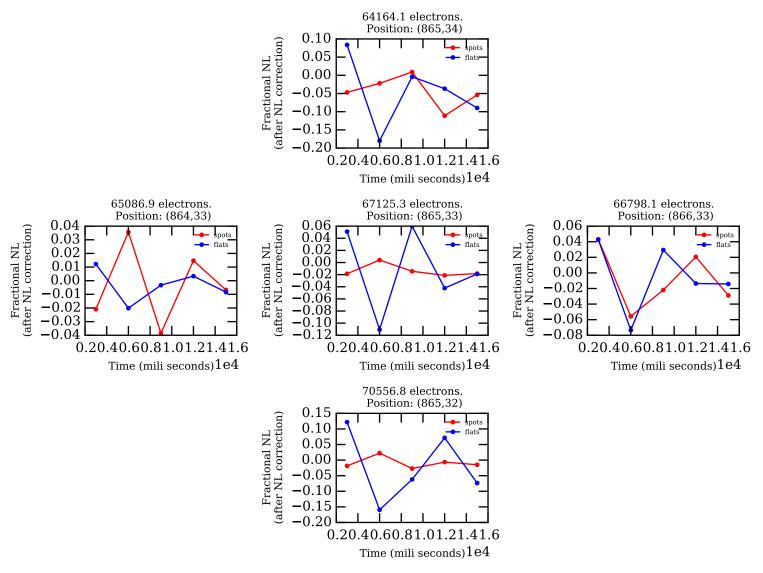
0.10

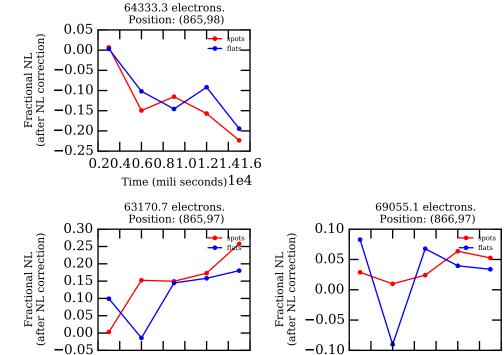
 $\begin{array}{c} 0.05 \\ 0.00 \end{array}$

-0.05

-0.10

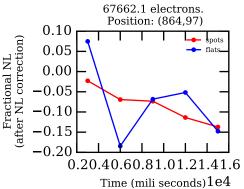
(after NL correction)

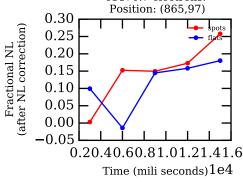


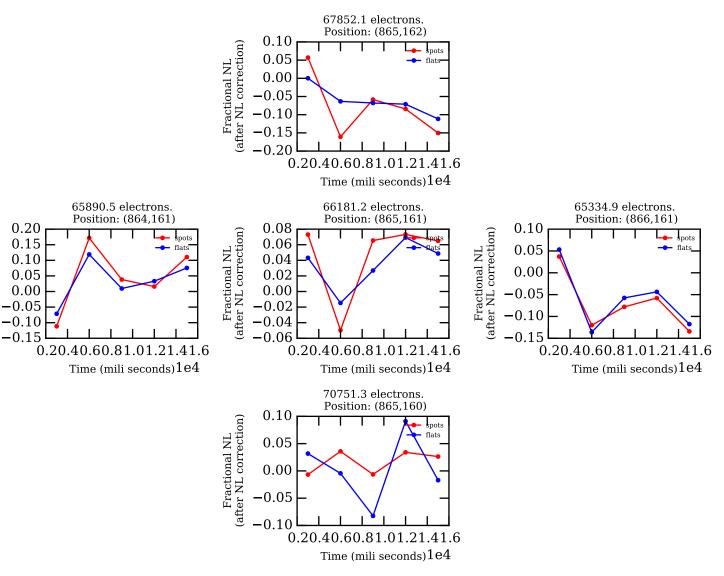


0.20.40.60.81.01.21.41.6

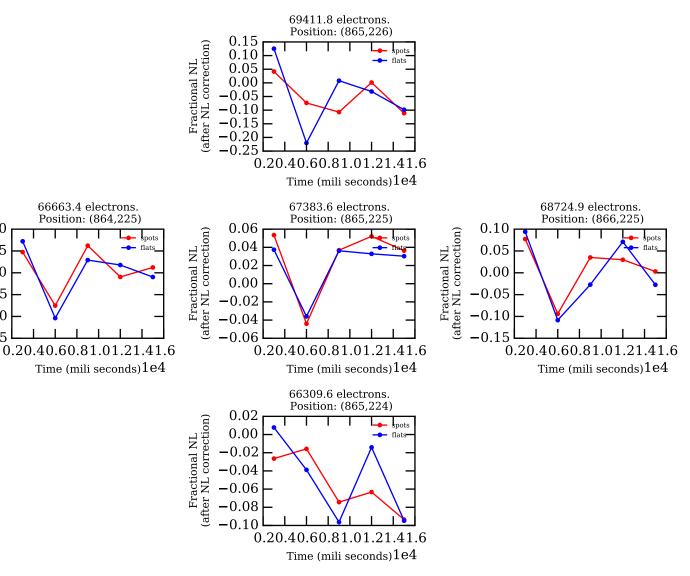
Time (mili seconds) 1e4







(after NL correction)



0.05

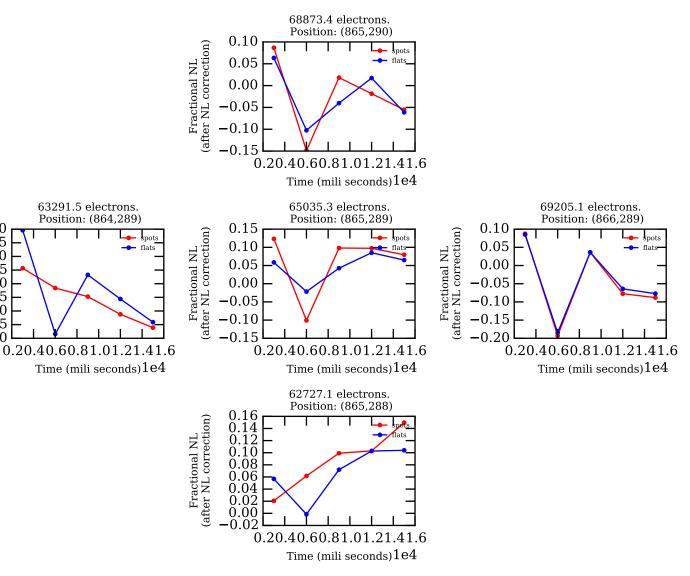
0.00

-0.05

-0.10

-0.15

(after NL correction)



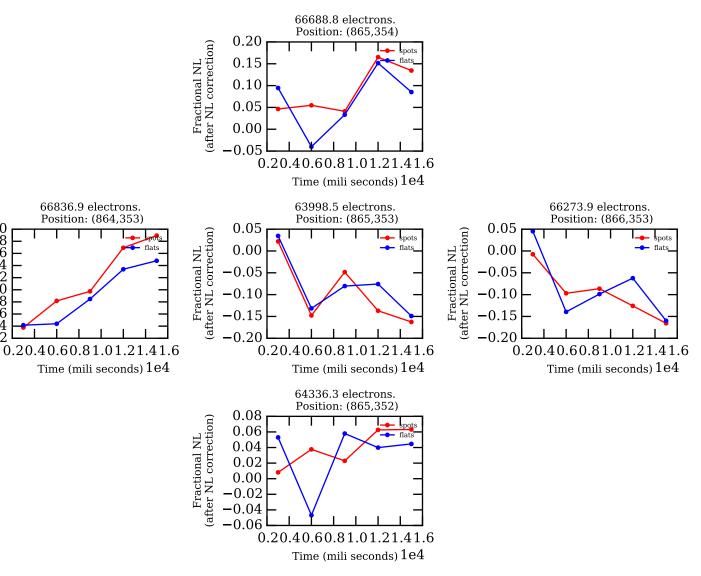
0.05

0.00

-0.05

-0.25 -0.30

(after NL correction)

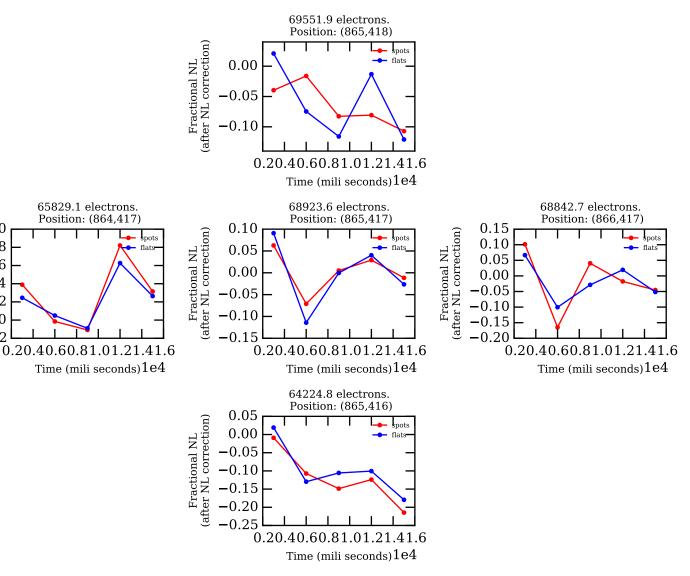


 $0.20 \\ 0.18 \\ 0.16$

 $0.14 \\ 0.12$

0.12 0.10 0.08 0.06 0.04 0.02

(after NL correction)



80.0

0.06

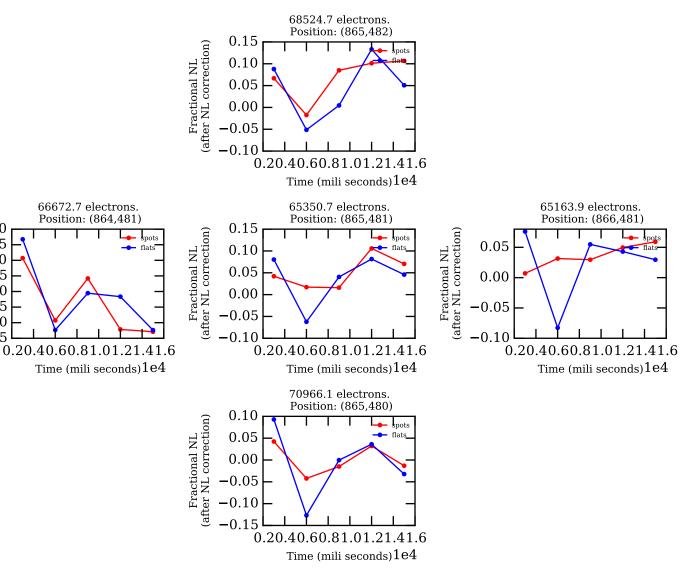
0.04

0.02

0.00

-0.02

(after NL correction)



0.05

0.00

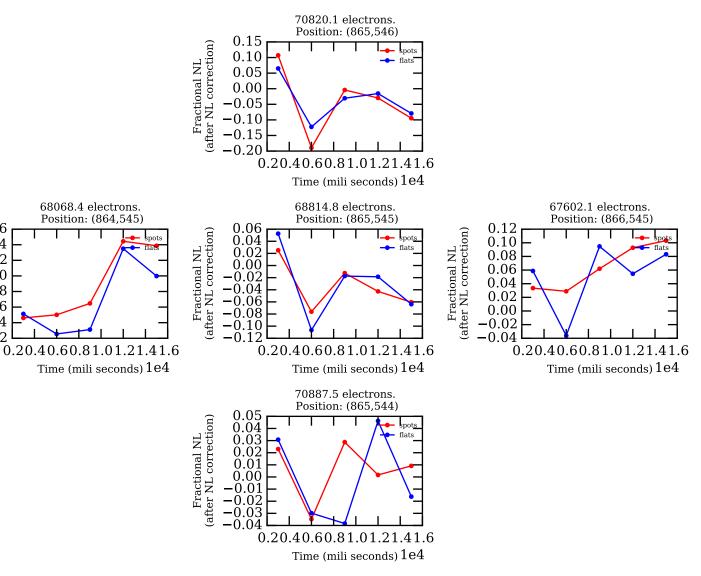
-0.05

-0.10

-0.15

-0.20 -0.25

(after NL correction)



0.14

0.12

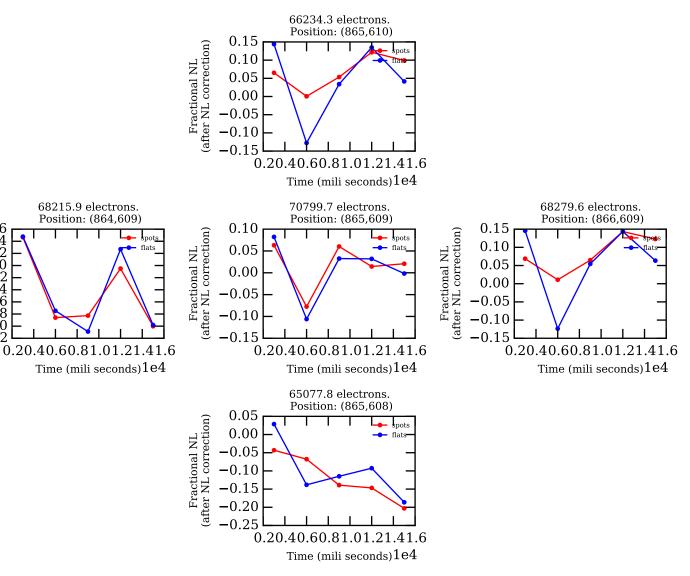
0.10

0.08

0.06

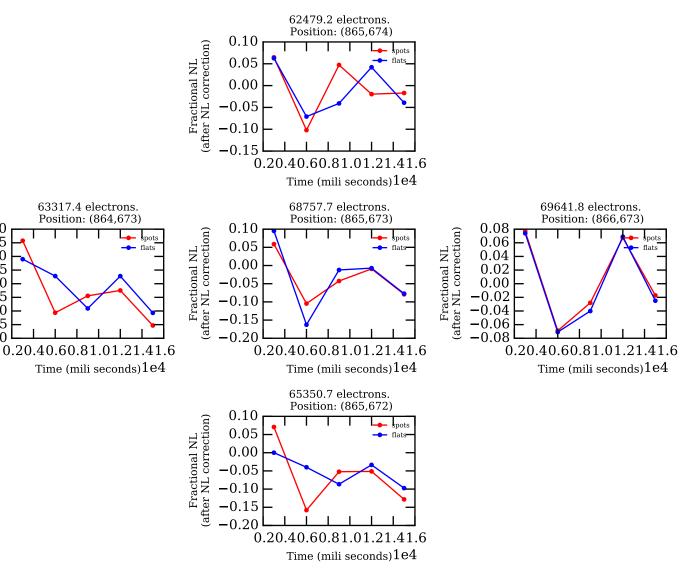
0.04

Fractional NL (after NL correction)



0.04

(after NL correction)



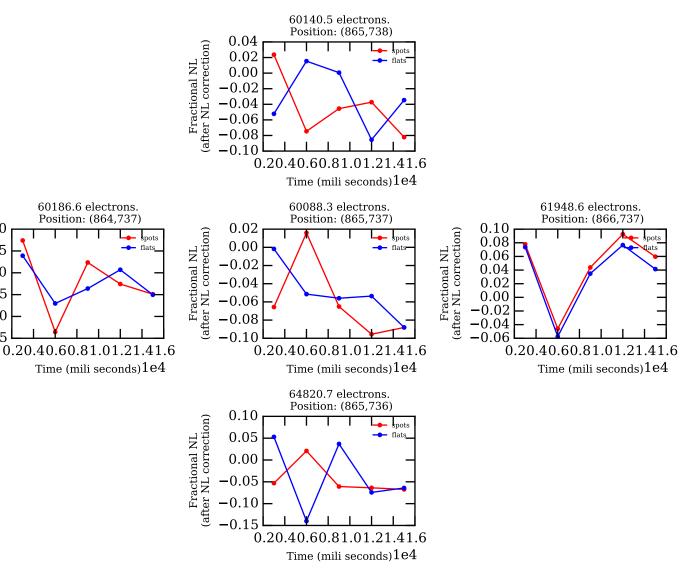
0.05

0.00

-0.05

-0.25 -0.30

(after NL correction)



0.05

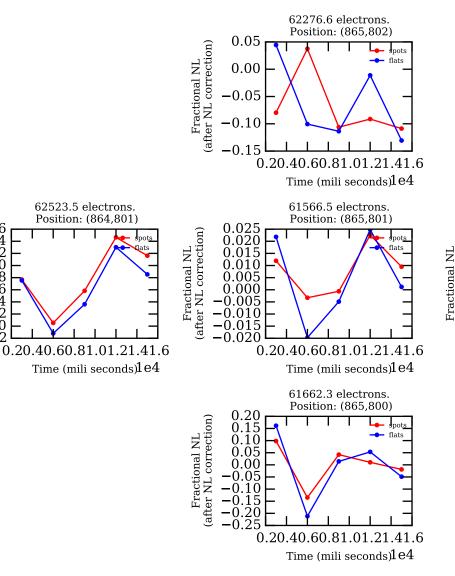
0.00

-0.05

-0.10

-0.15

(after NL correction)



62236.8 electrons.

Position: (866,801)

0.20.40.60.81.01.21.41.6

Time (mili seconds)1e4

0.10

0.05

0.00 -0.05

-0.10

-0.15

(after NL correction)

62523.5 electrons.

Position: (864,801)

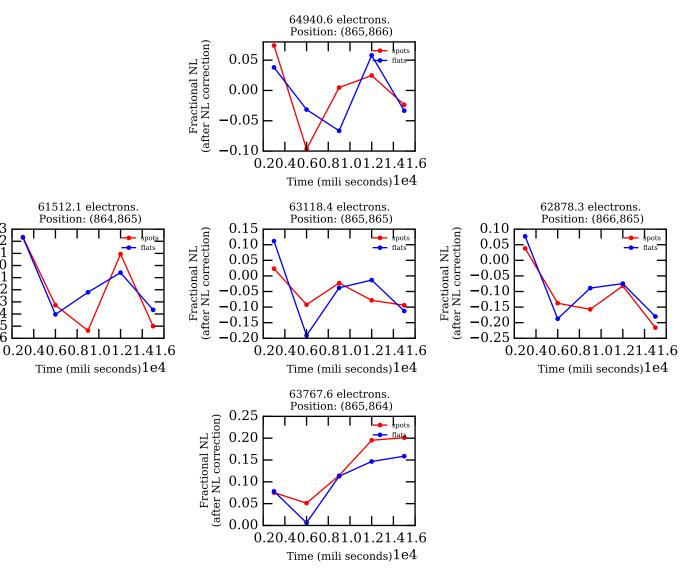
 $\begin{array}{c} 0.16 \\ 0.14 \\ 0.12 \end{array}$

 $0.10 \\ 0.08 \\ 0.06$

0.04

0.00

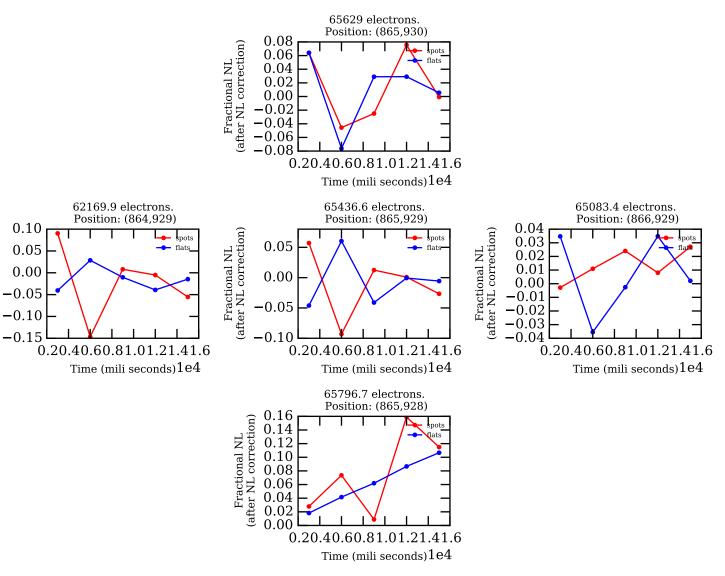
(after NL correction)



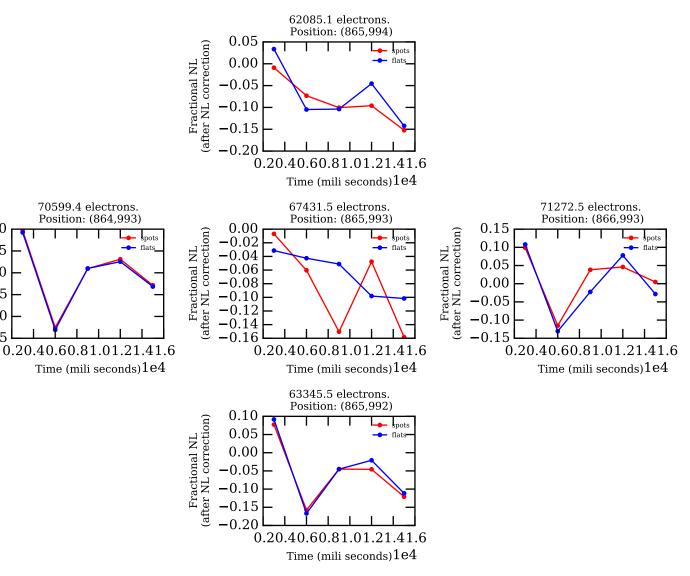
 $0.03 \\ 0.02$

-0.06

(after NL correction)



(after NL correction)



0.05

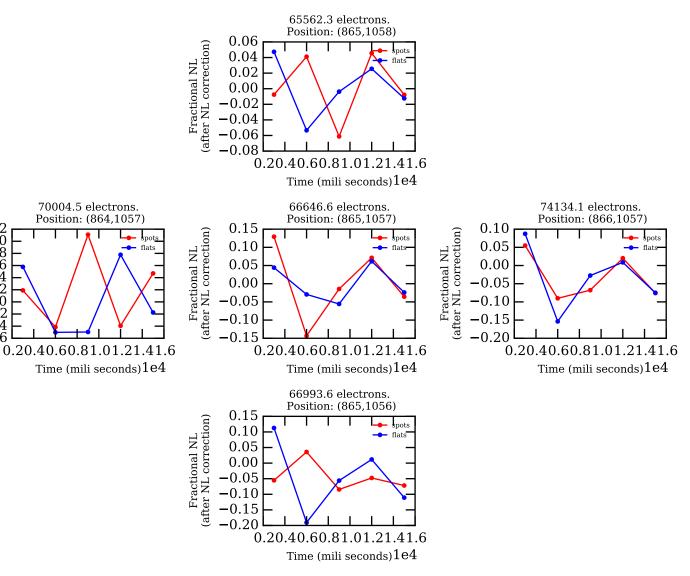
0.00

-0.05

-0.10

-0.15

(after NL correction)

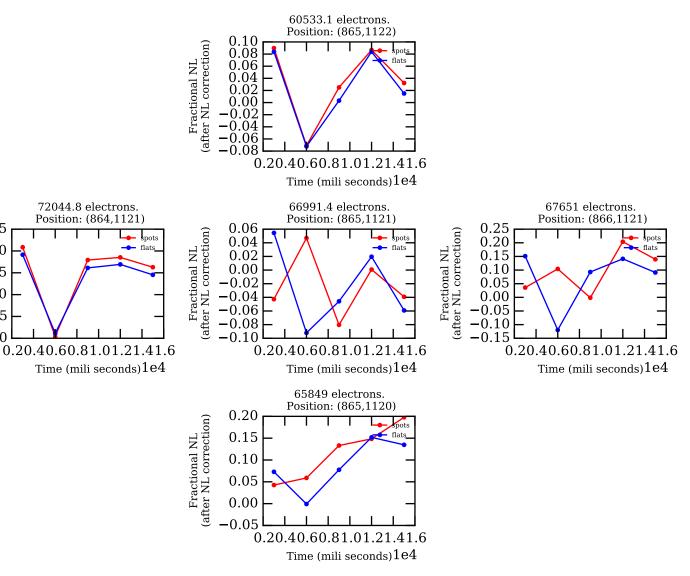


 $0.12 \\ 0.10$

0.08 0.06

-0.04 -0.06

(after NL correction)



0.10

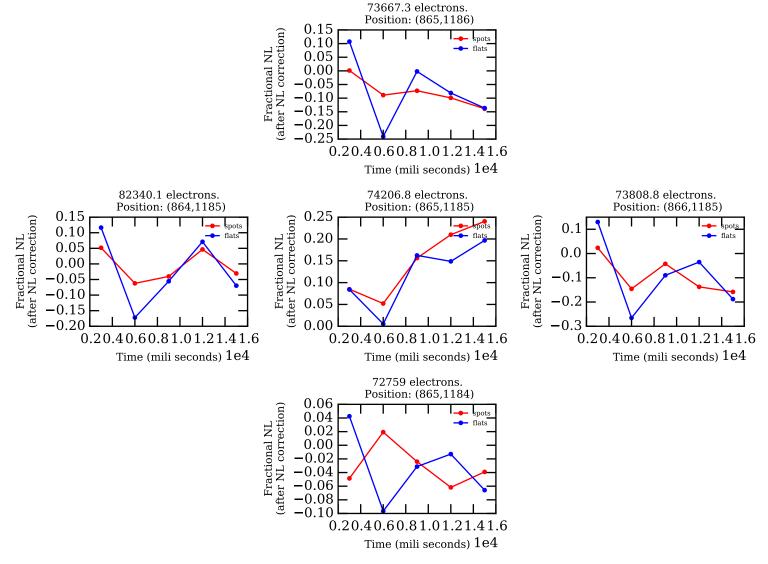
0.05

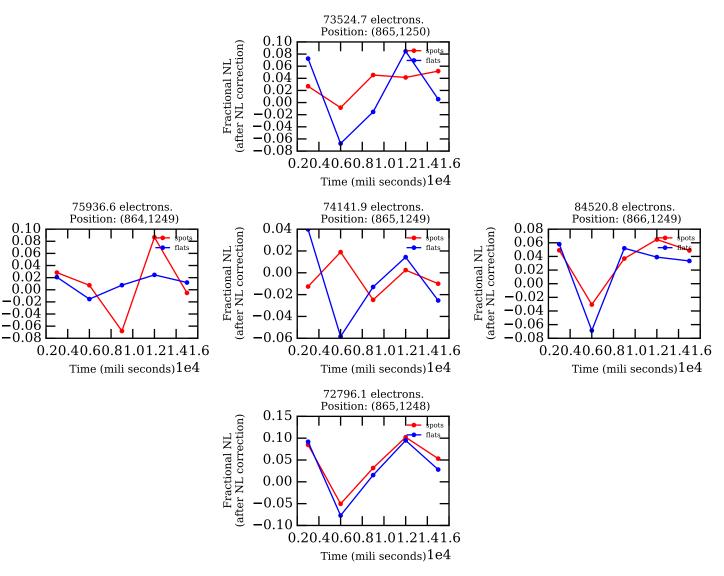
0.00

-0.05

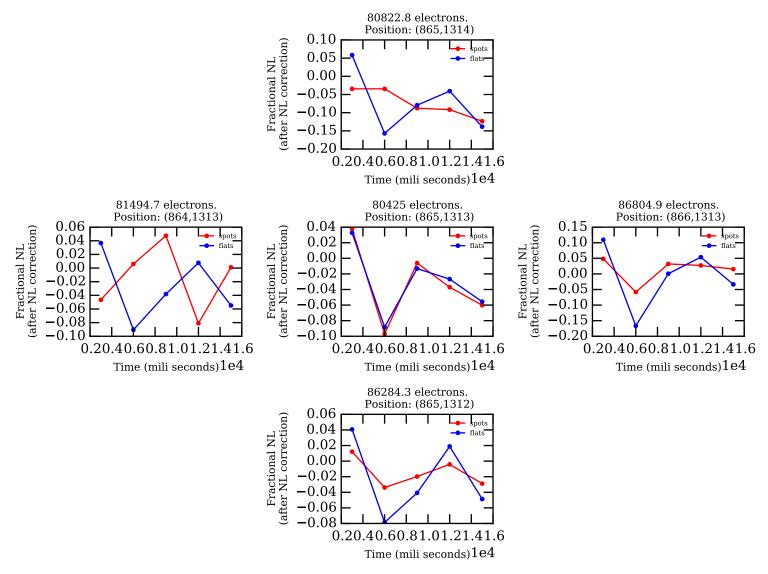
-0.10

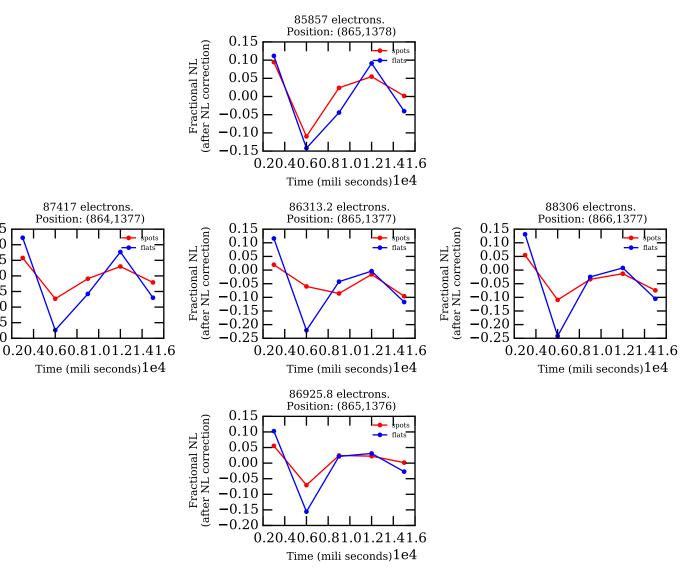
(after NL correction)





(after NL correction)





0.10

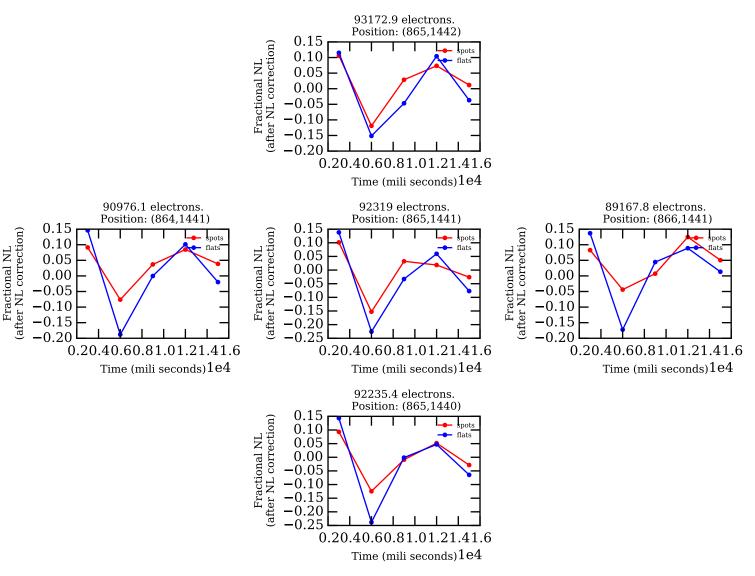
0.05

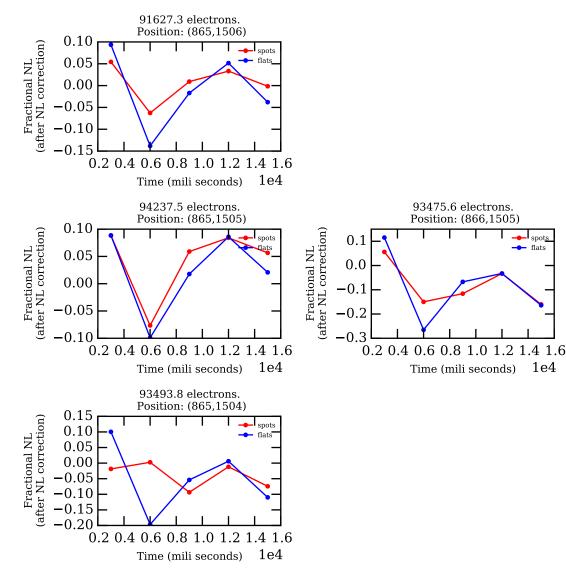
0.00

-0.05 -0.10 -0.15

-0.20

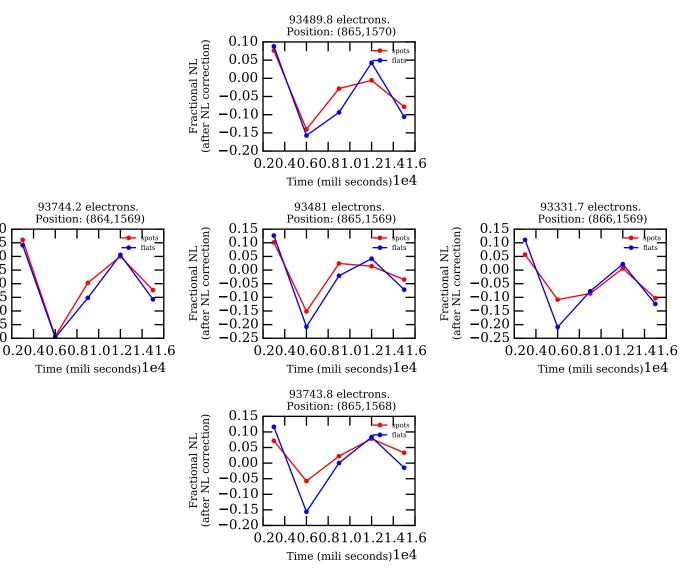
(after NL correction)





- flats

1e4



0.15

0.10

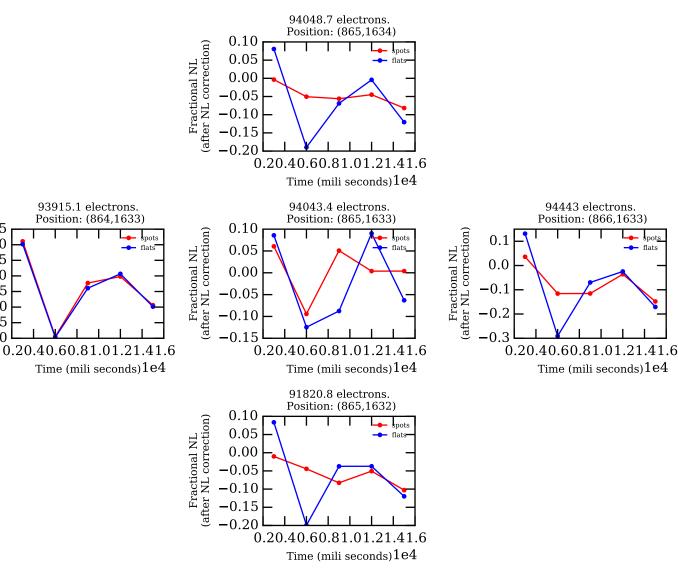
0.05

0.00

-0.05

-0.15 -0.20

(after NL correction)



0.10

0.05

0.00

-0.05

-0.10

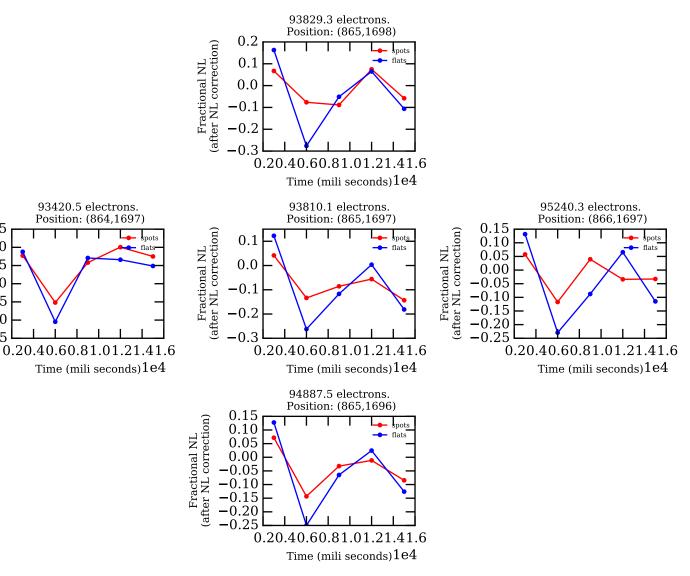
-0.15-0.20

(after NL correction)

Fractional NL

94443 electrons.

flats



0.10

0.05

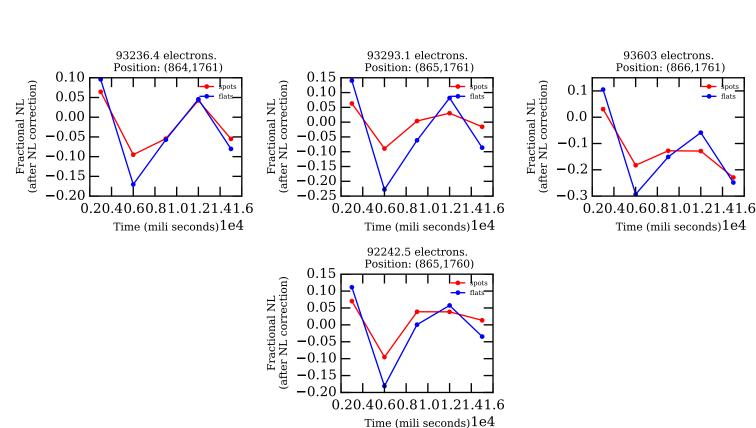
0.00

-0.05

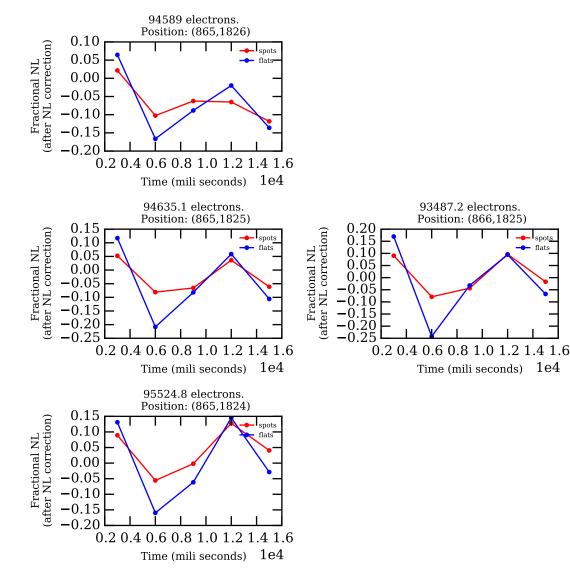
-0.10

-0.15

(after NL correction)

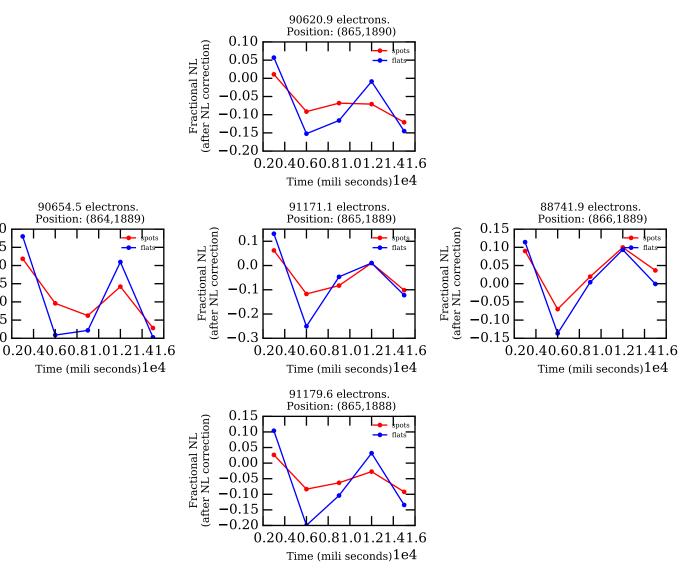


flats



flats

1e4



0.05

0.00

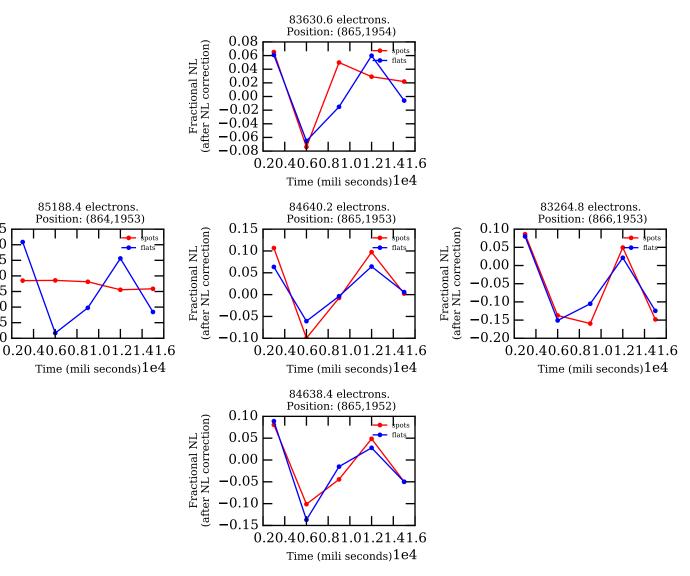
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

0.05

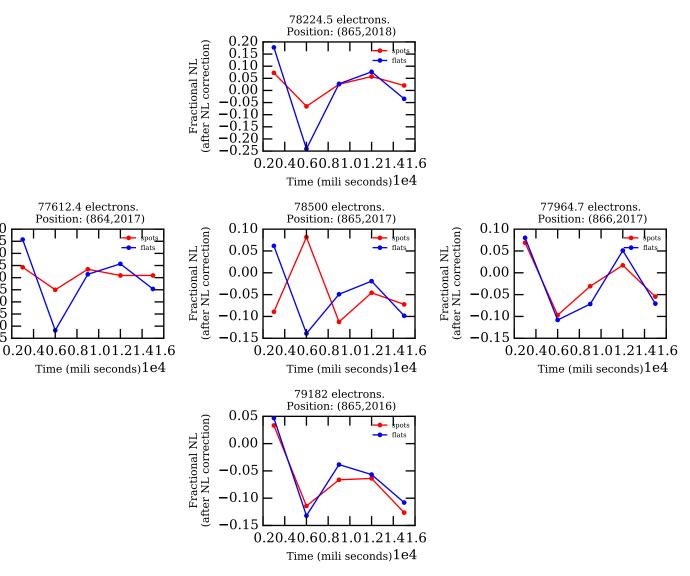
0.00

-0.05

-0.10

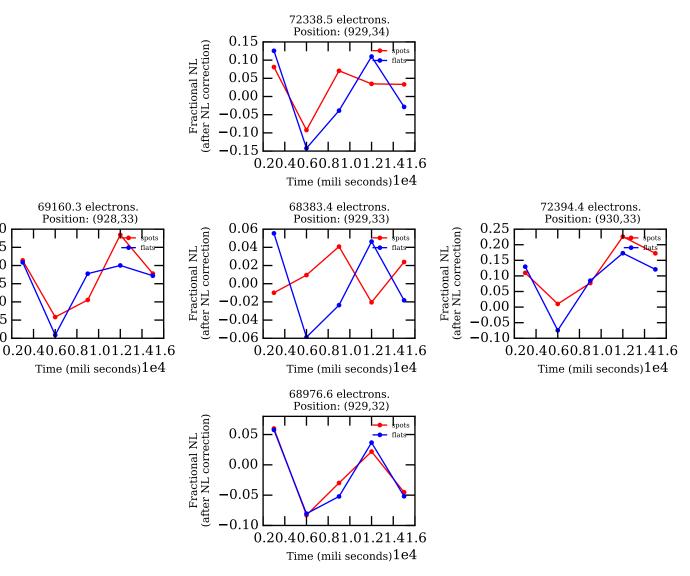
-0.15 -0.20

(after NL correction)



 $0.20 \\ 0.15$

(after NL correction)



0.15

0.10

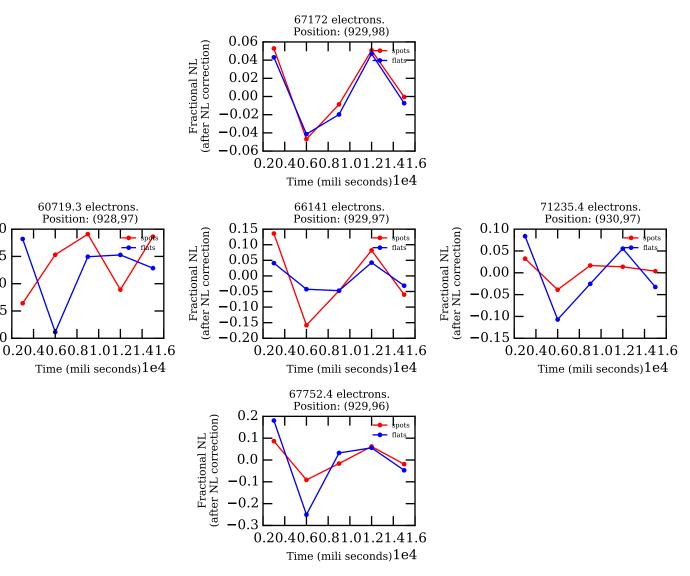
0.05

0.00

-0.05

-0.10

(after NL correction)



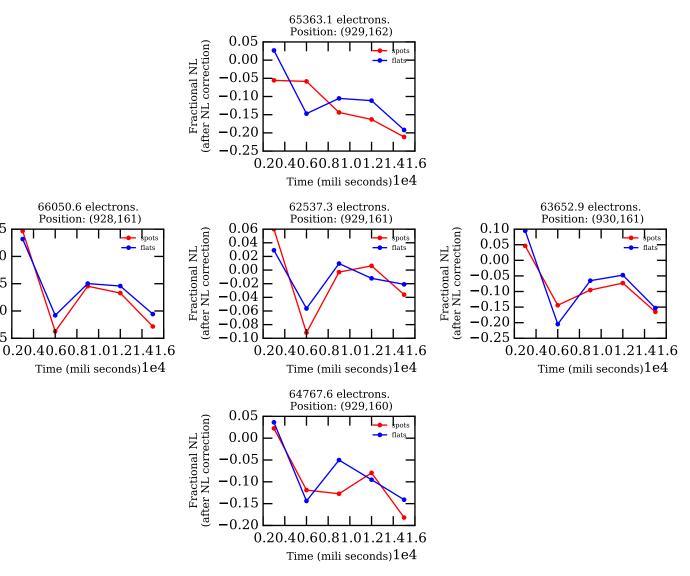
0.05

0.00

-0.05

-0.10

Fractional NL (after NL correction)



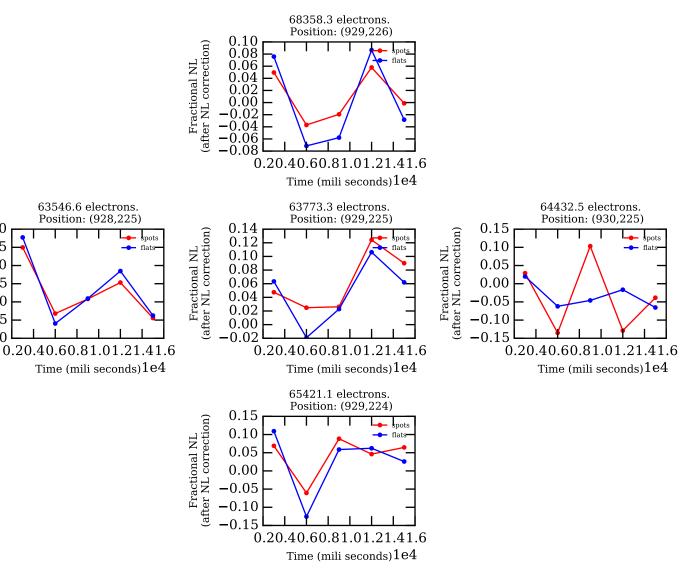
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

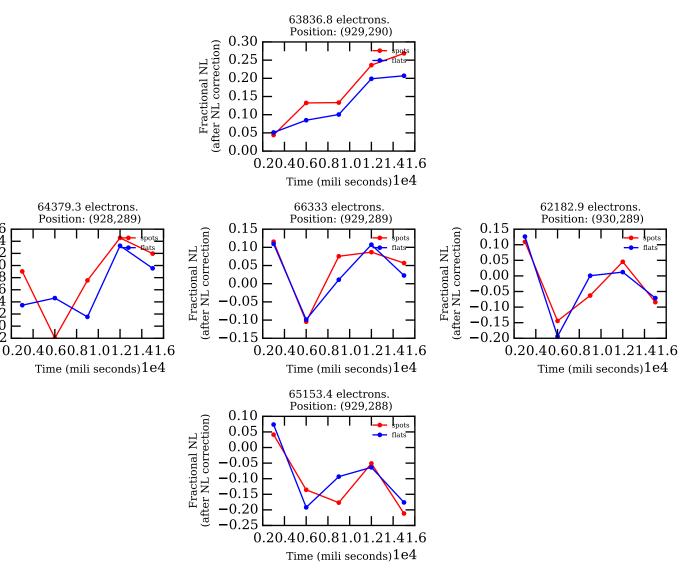
-0.05

-0.10

-0.15

-0.20

(after NL correction)



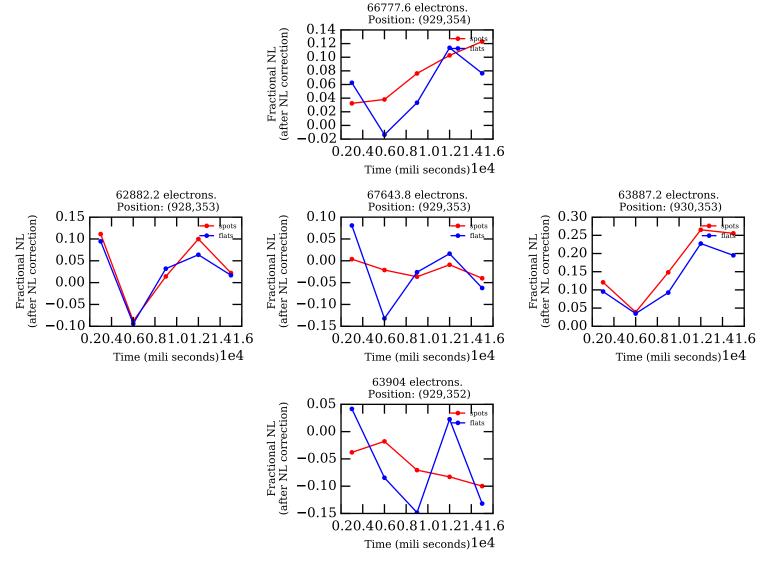
 $0.16 \\ 0.14$

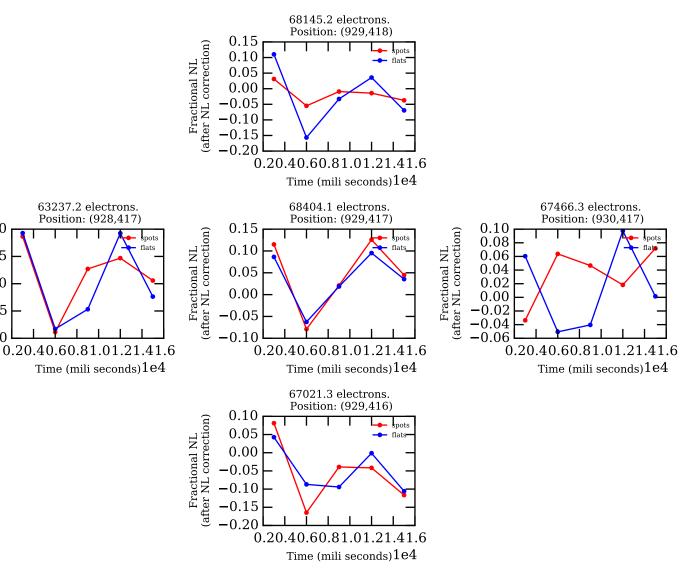
 $0.10 \\ 0.08 \\ 0.06$

 $0.04 \\ 0.02$

0.00

(after NL correction)





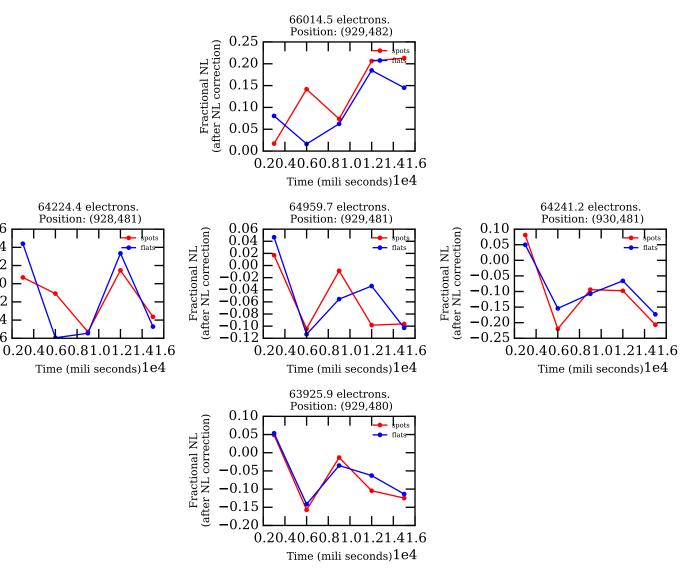
0.05

0.00

-0.05

-0.10

(after NL correction)



0.04

0.02

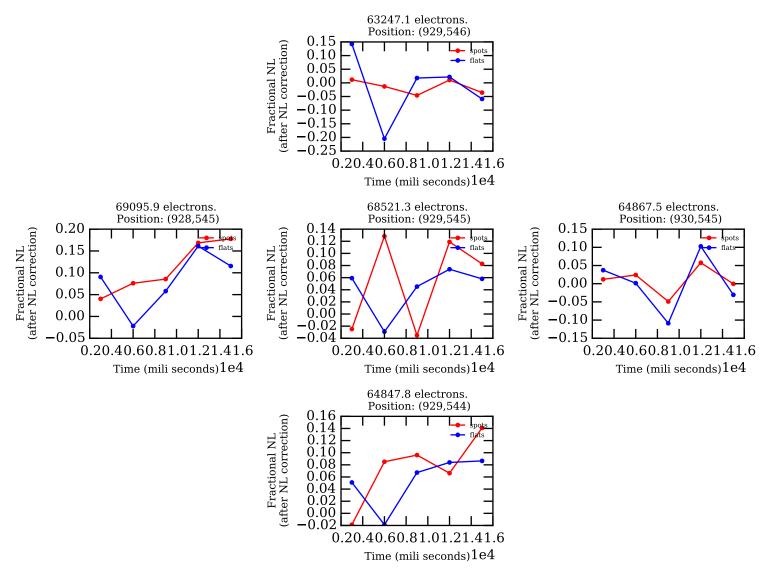
0.00

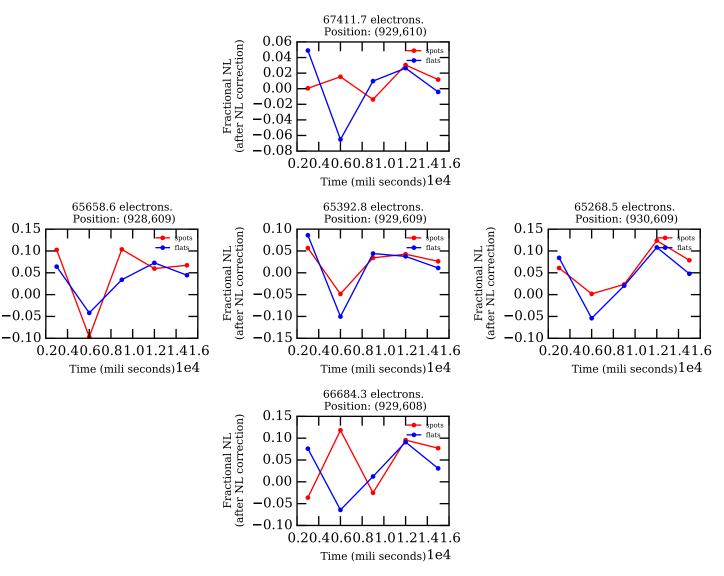
-0.02

-0.04

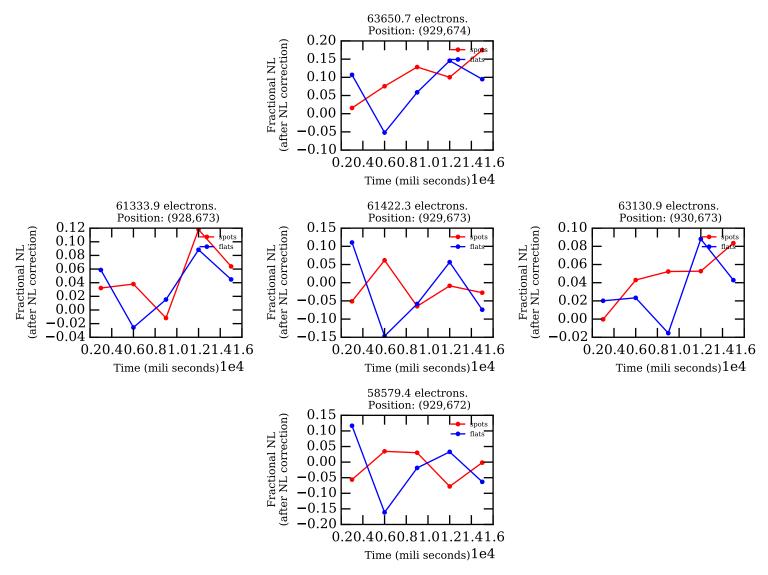
-0.06

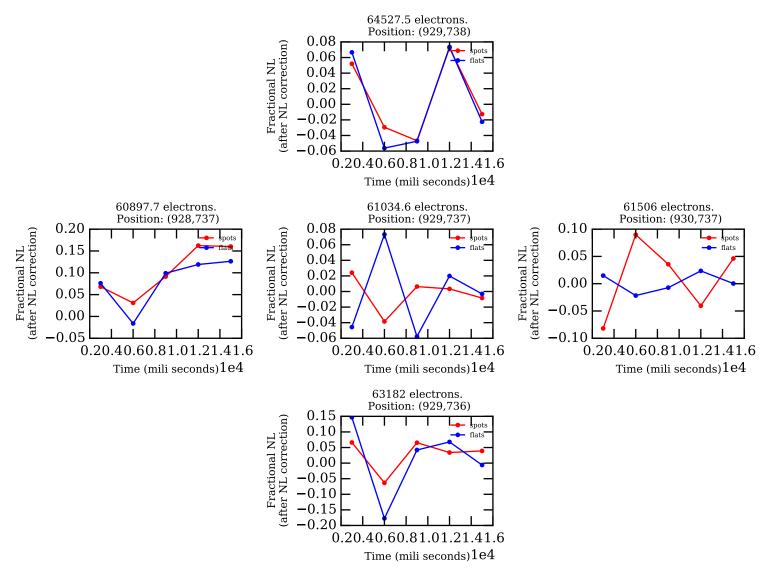
(after NL correction)

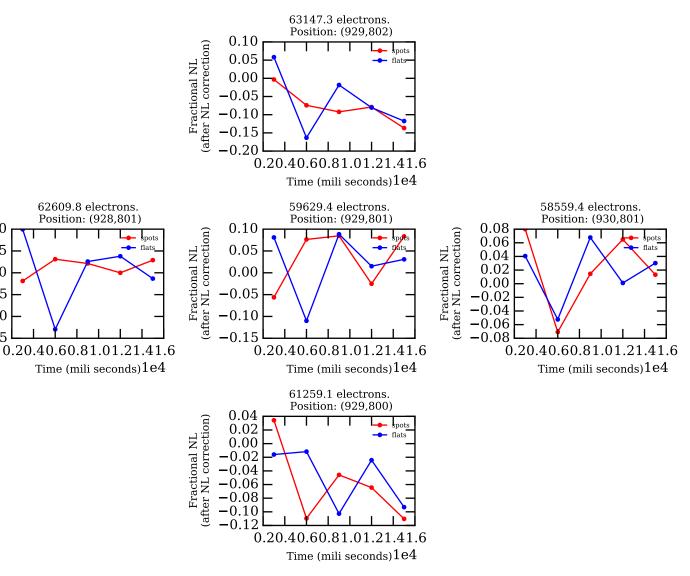




(after NL correction)







0.05

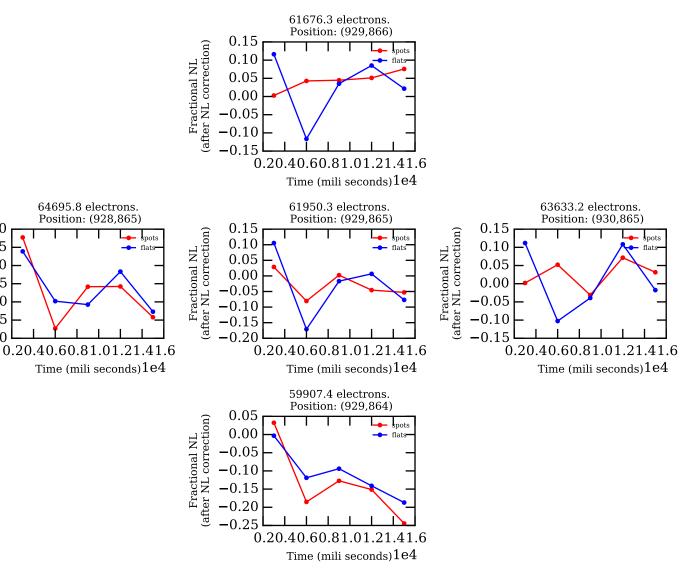
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

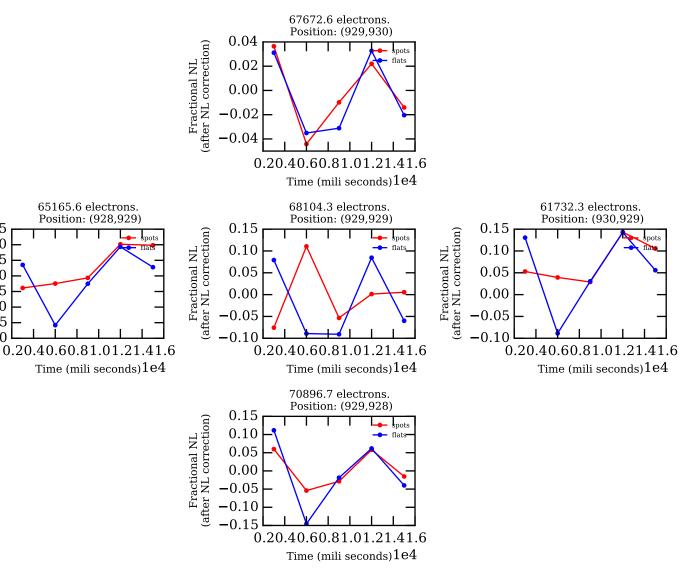
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.20

0.15

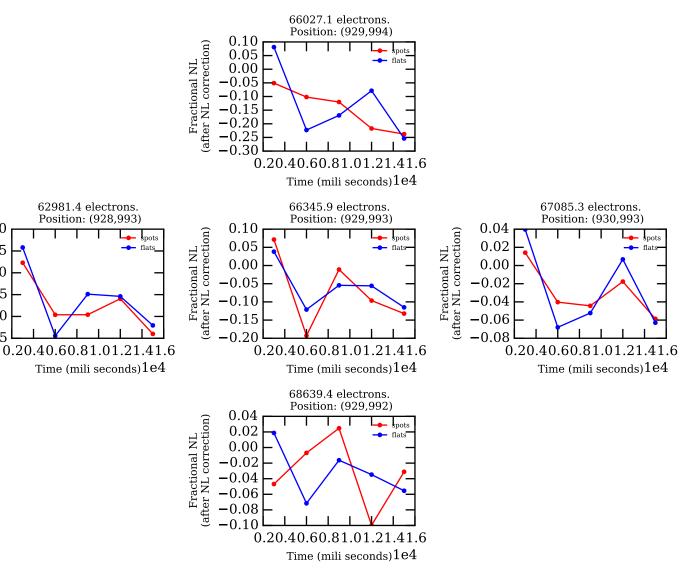
 $\begin{array}{c} 0.10 \\ 0.05 \end{array}$

0.00

-0.05

-0.10

(after NL correction)



0.05

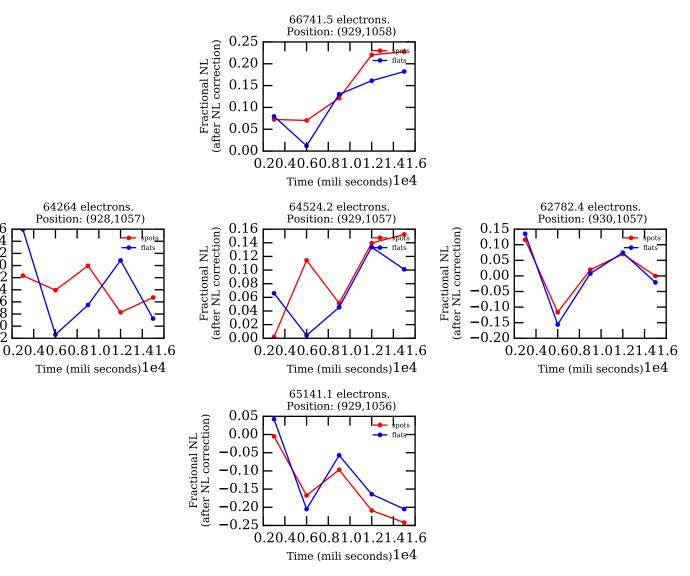
0.00

-0.05

-0.10

-0.15

(after NL correction)

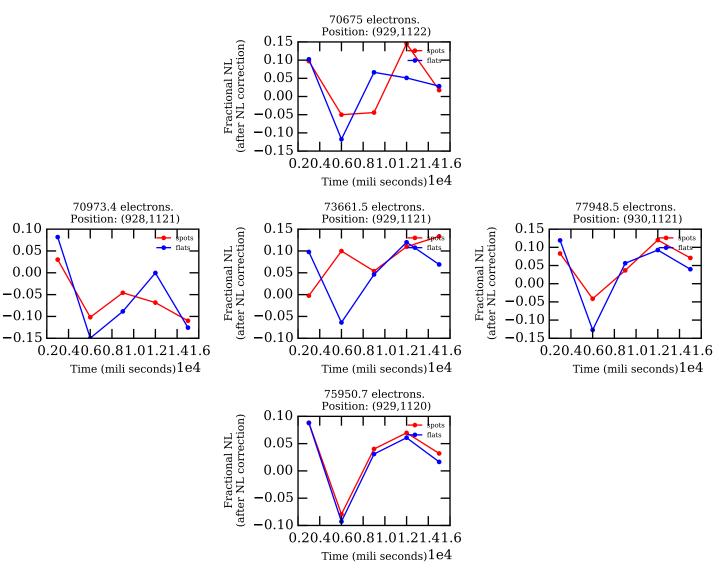


64264 electrons.

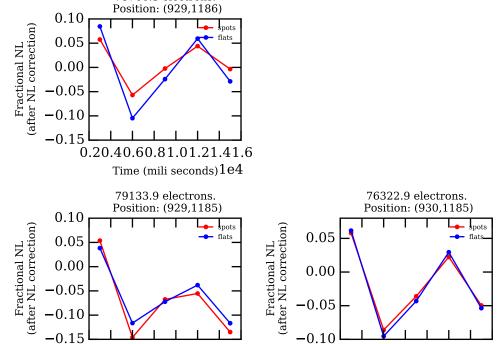
0.06

 $0.04 \\ 0.02 \\ 0.00$

(after NL correction)

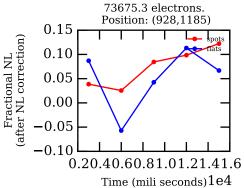


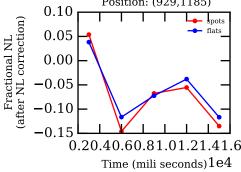
(after NL correction)



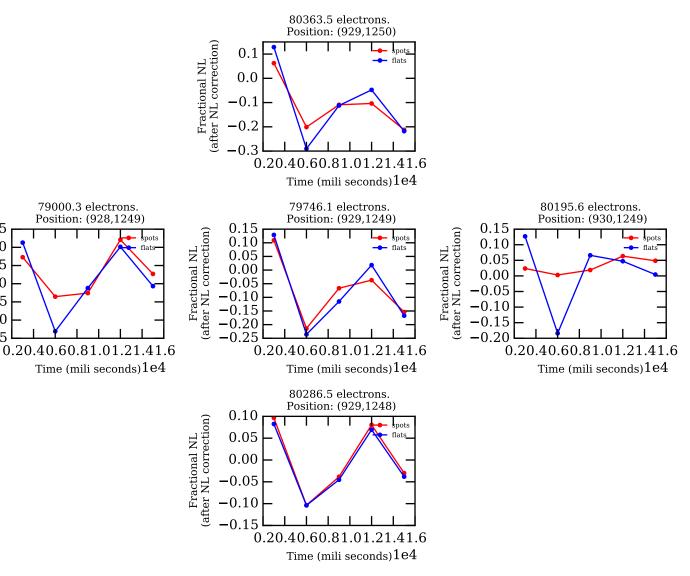
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





75766.3 electrons.



79000.3 electrons.

0.15

0.10

0.05

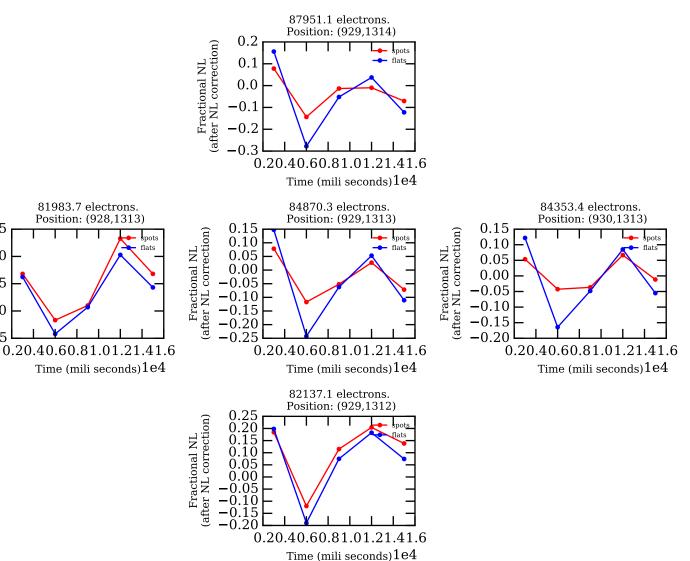
0.00

-0.05

-0.10

-0.15

(after NL correction)



81983.7 electrons.

Position: (928,1313)

0.15

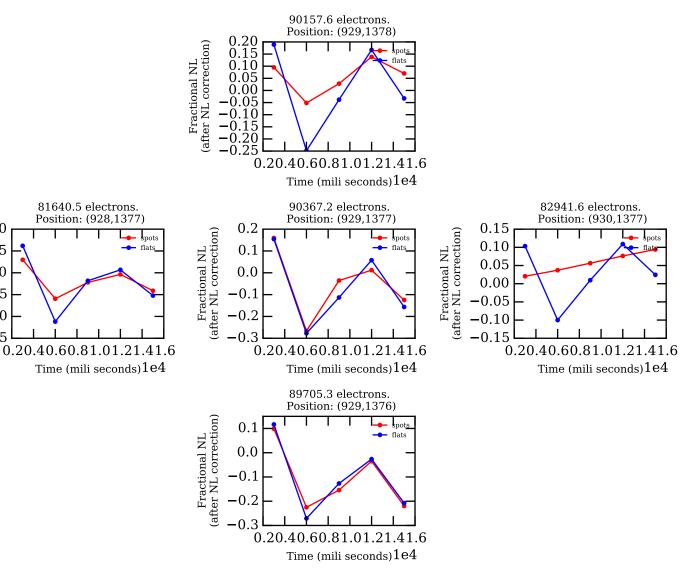
0.10

0.05

0.00

-0.05

Fractional NL (after NL correction)



0.05

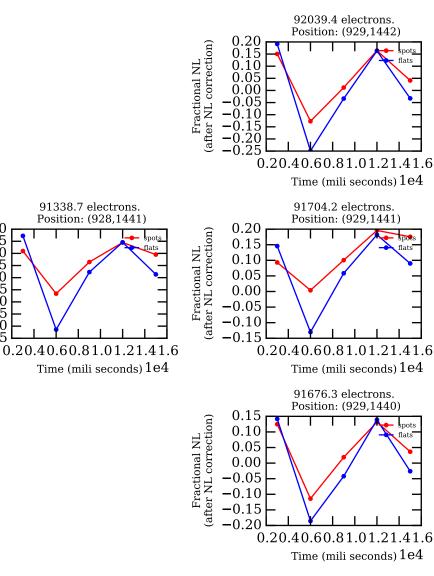
0.00

-0.05

-0.10

-0.15

(after NL correction)

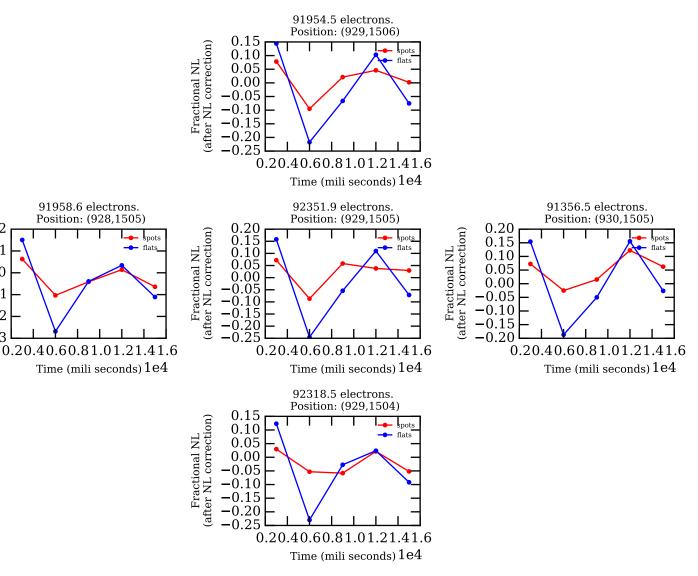


91338.7 electrons.

Position: (928,1441)

 $0.20 \\ 0.15$

(after NL correction)



0.1

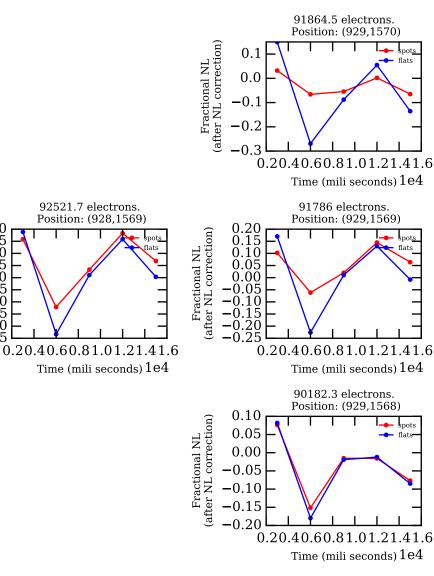
0.0

-0.1

-0.2

-0.3

(after NL correction)



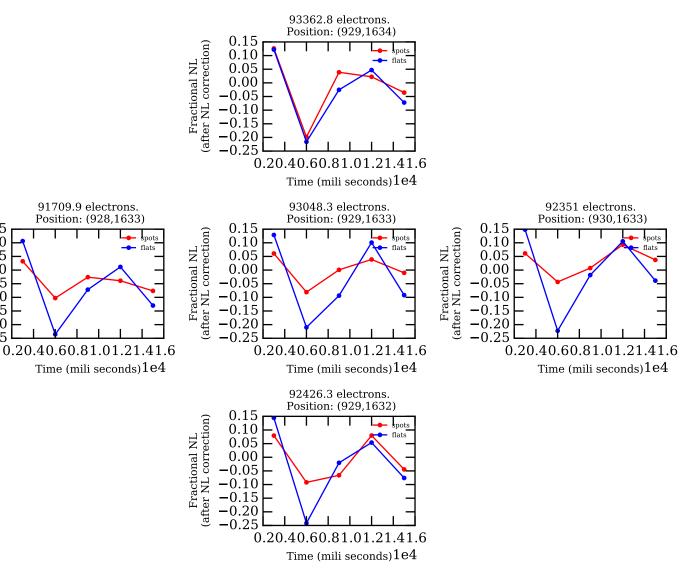
92521.7 electrons.

Position: (928,1569)

flats

 $0.20 \\ 0.15$

(after NL correction)



0.10

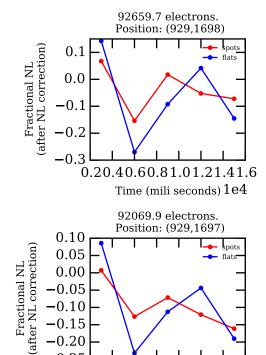
0.05

0.00

-0.05

-0.25

(after NL correction)

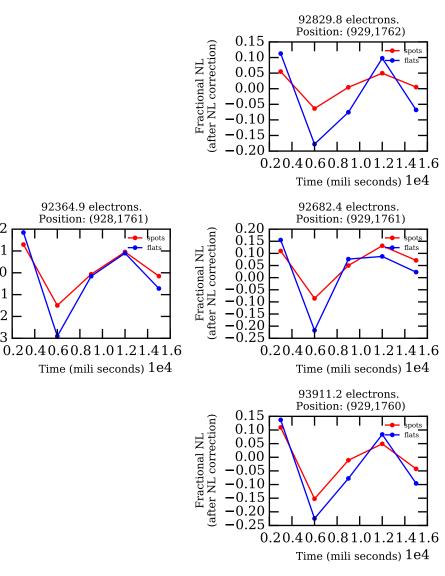


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

-0.25

92747.2 electrons. Position: (928,1697) 0.20 (after NL correction) spots 0.15 Fractional NL 0.10 0.05 0.00 -0.05-0.10-0.15-0.200.20.40.60.81.01.21.41.6Time (mili seconds) 1e4



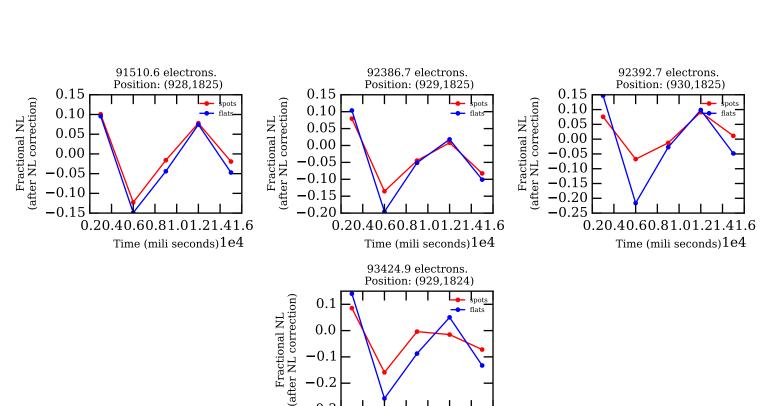
92364.9 electrons. Position: (928,1761)

0.2

0.1

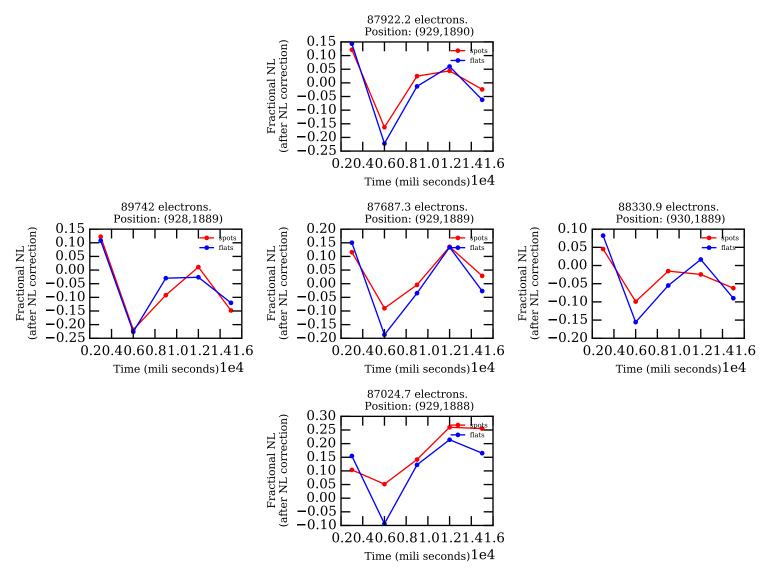
0.0 -0.1-0.2-0.3

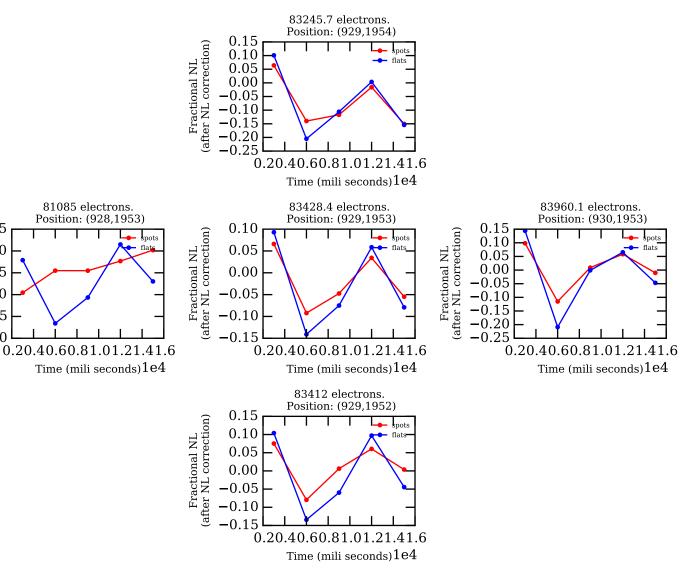
(after NL correction)



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.2-0.3





0.10

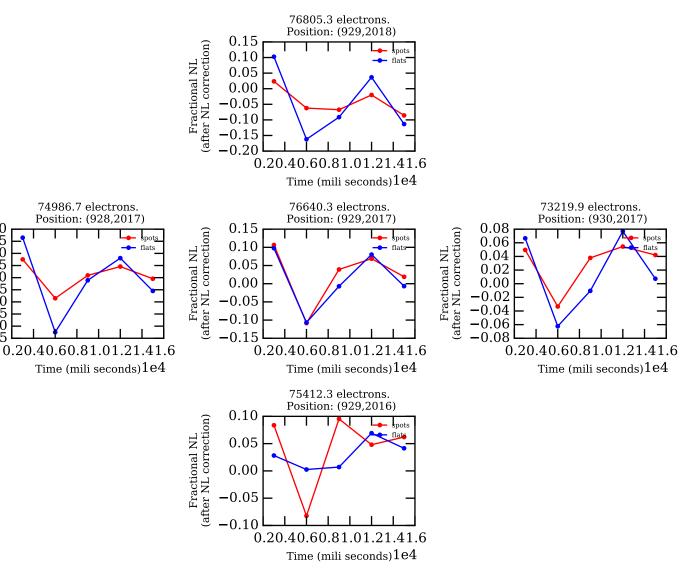
0.05

0.00

-0.05

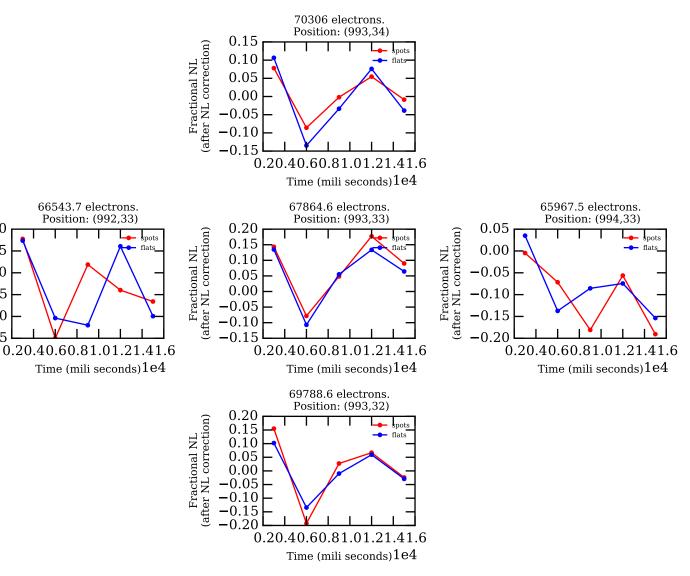
-0.10

(after NL correction)



 $0.20 \\ 0.15$

(after NL correction)



0.05

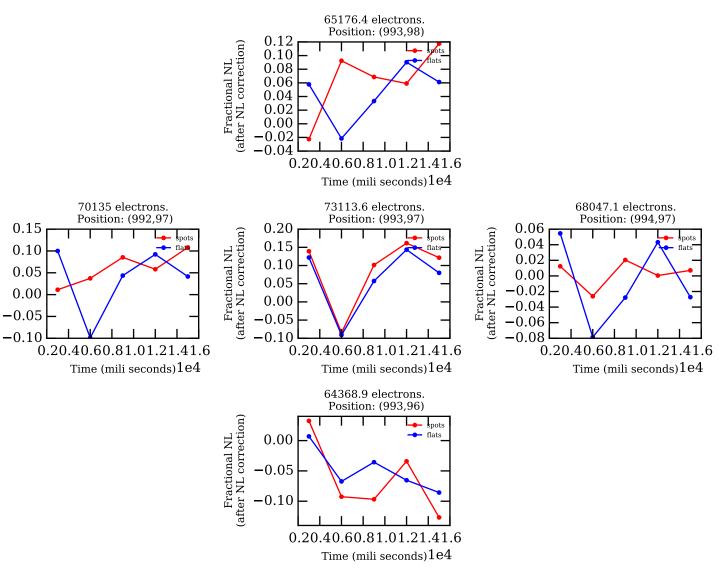
0.00

-0.05

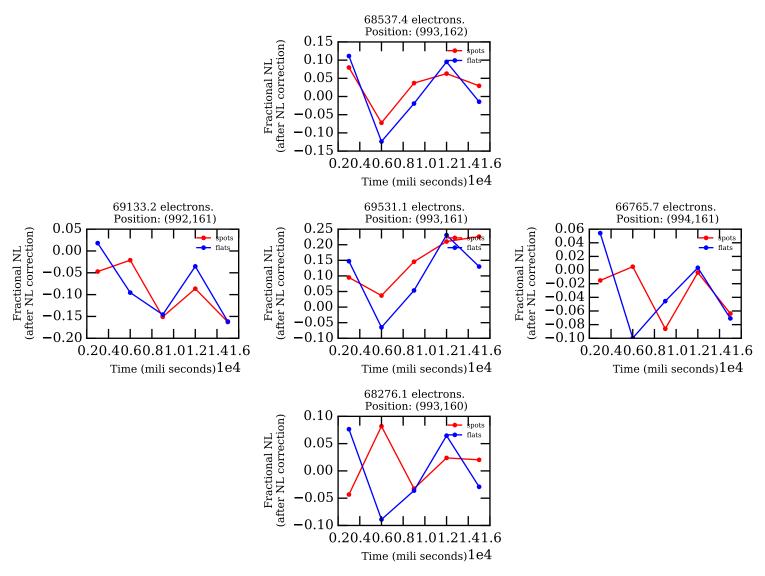
-0.10

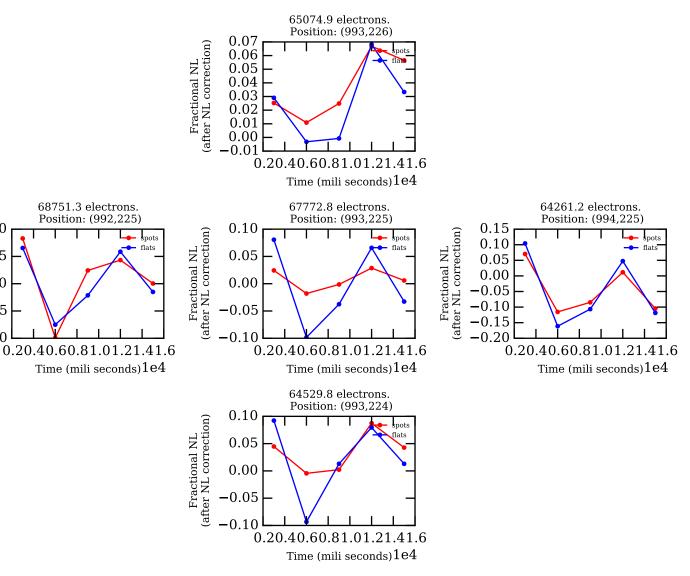
-0.15

(after NL correction)



(after NL correction)





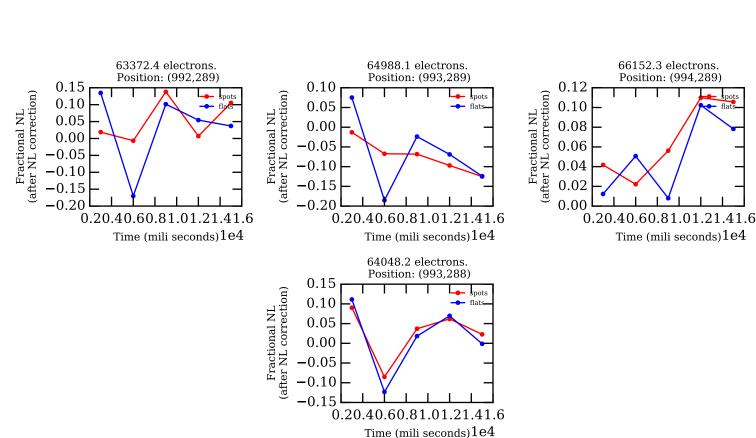
0.05

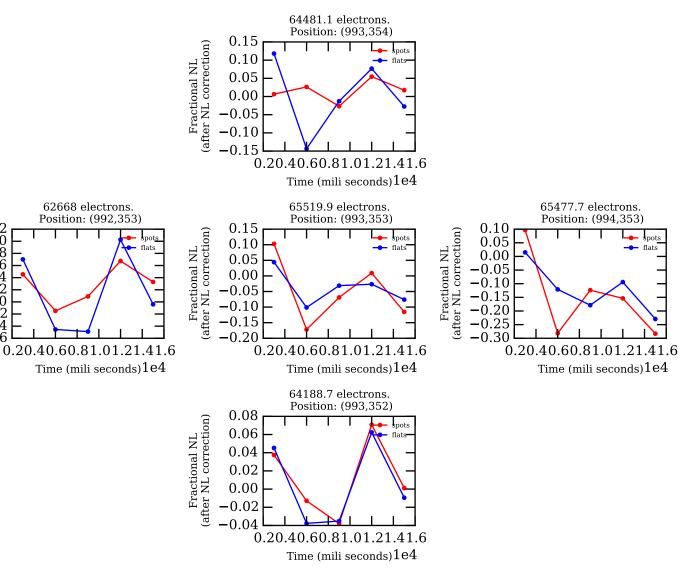
0.00

-0.05

-0.10

(after NL correction)





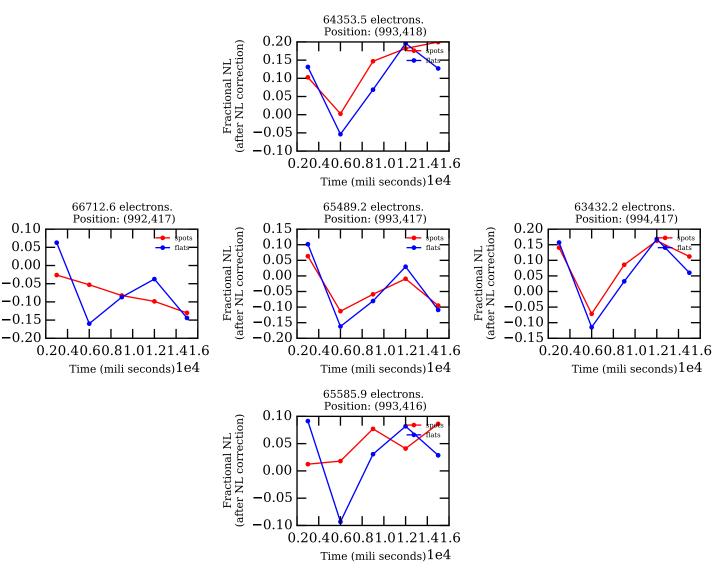
 $0.12 \\ 0.10$

0.08 0.06

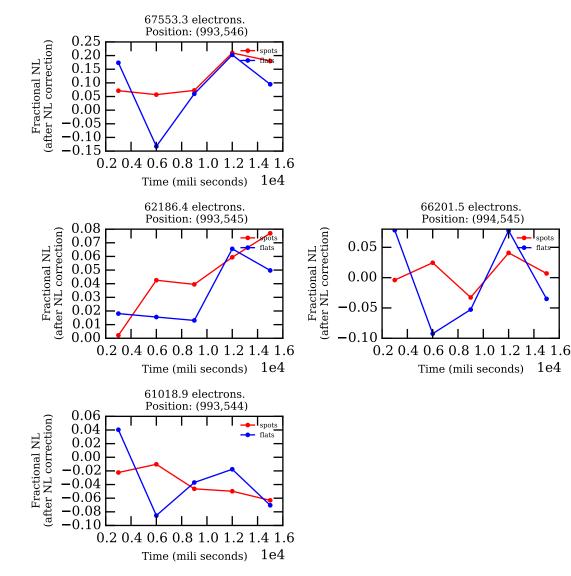
-0.04

-0.06

(after NL correction)

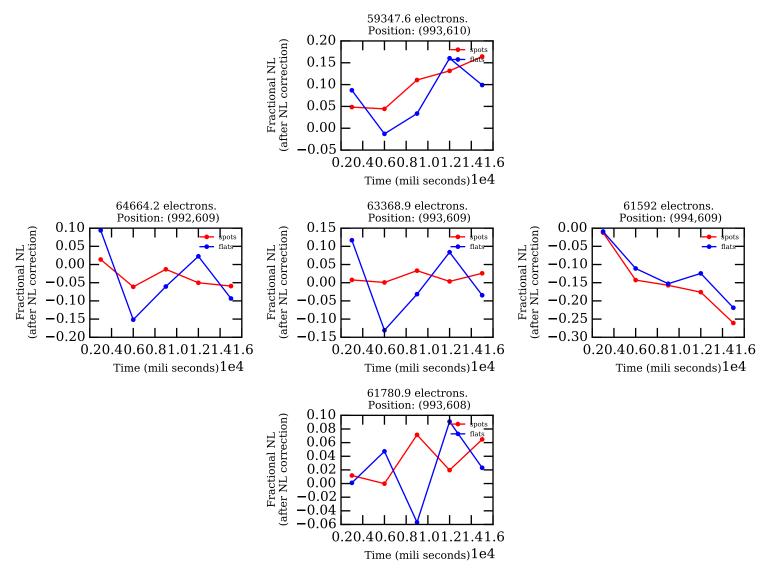


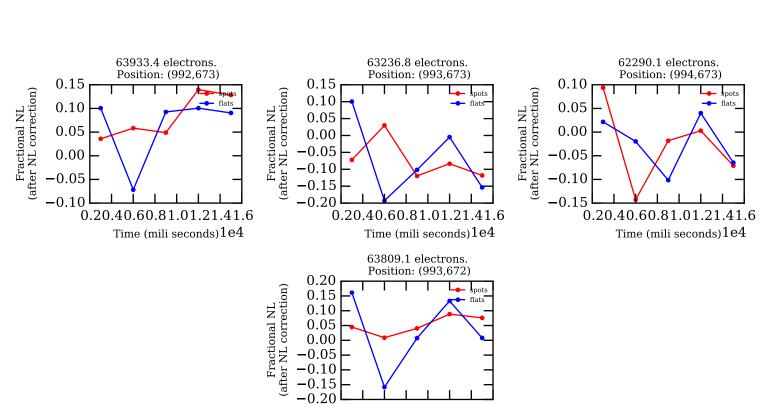
(after NL correction)



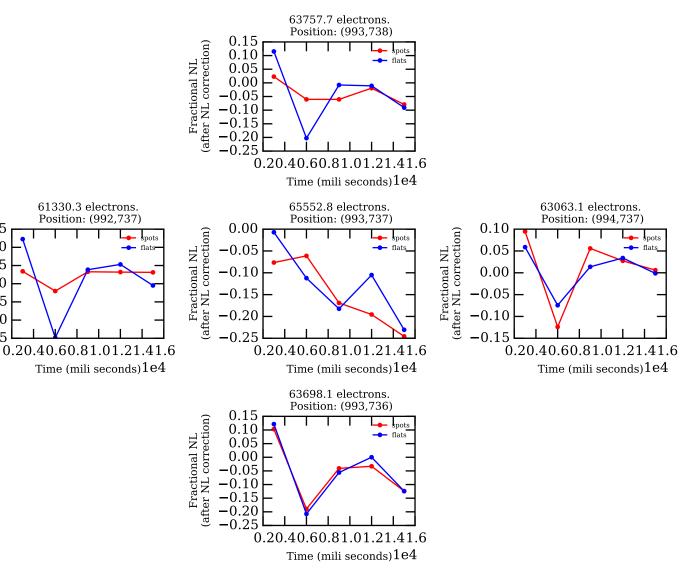
I_{spots}

1e4





0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4



0.10

0.05

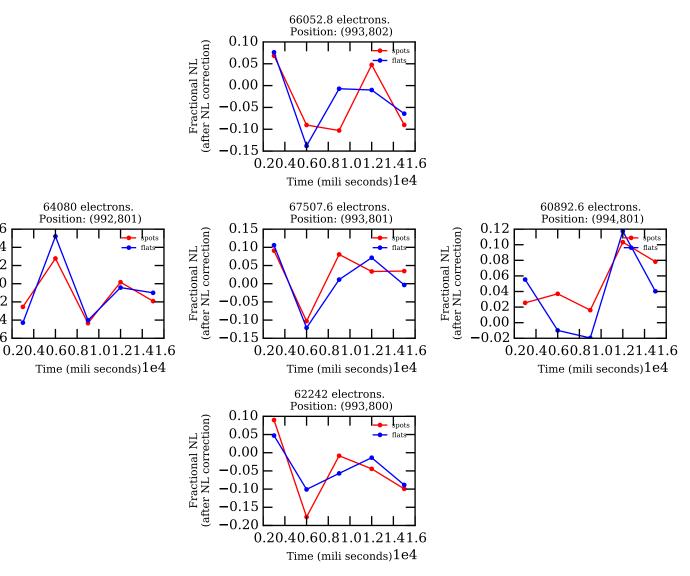
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.04

0.02

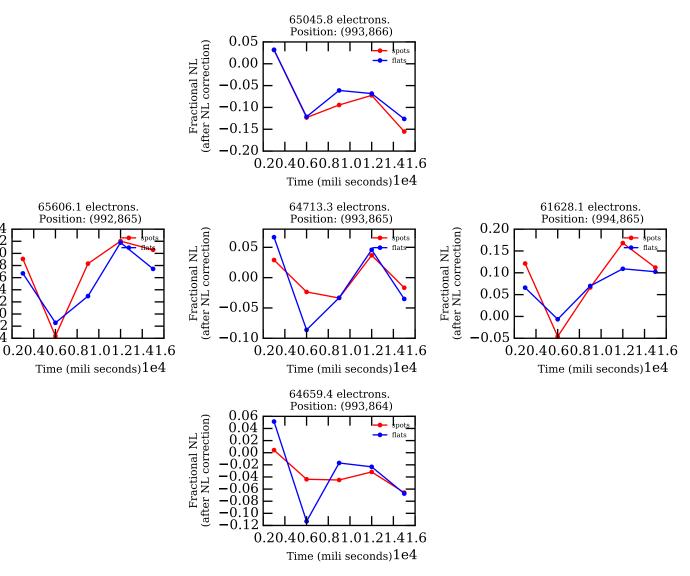
0.00

-0.02

-0.04

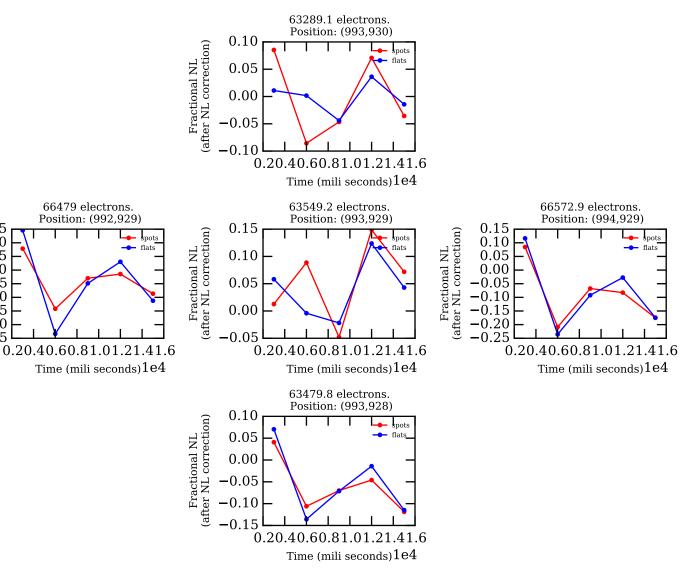
-0.06

(after NL correction)



 $0.14 \\ 0.12$

(after NL correction)



0.10

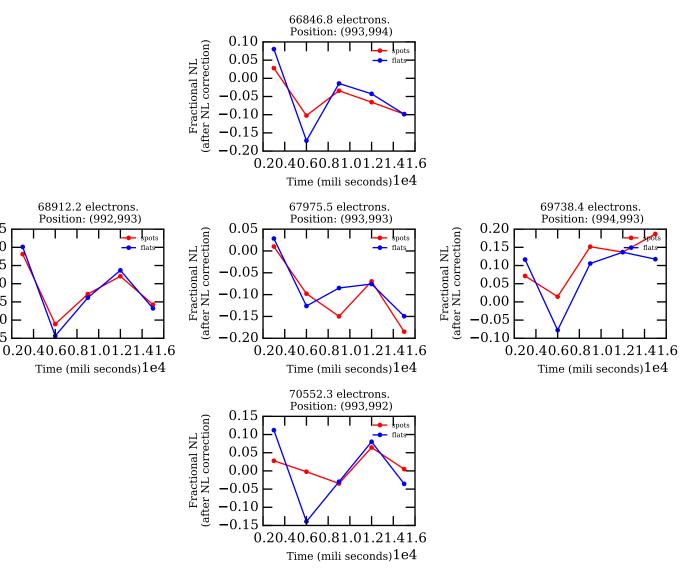
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

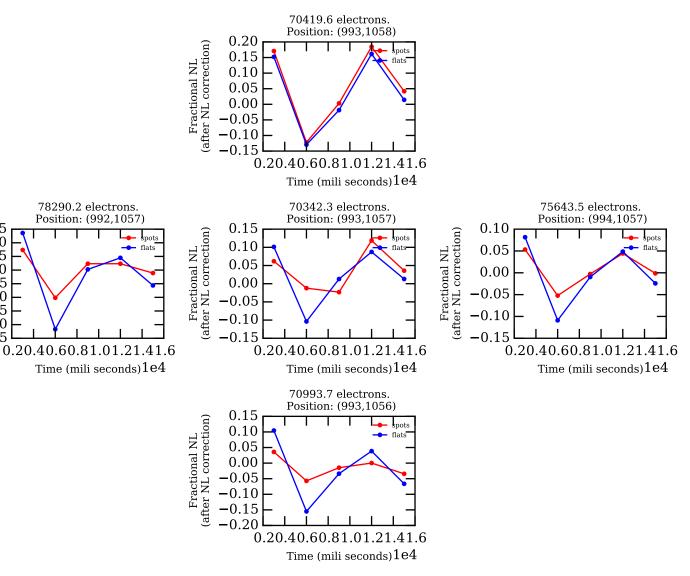
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

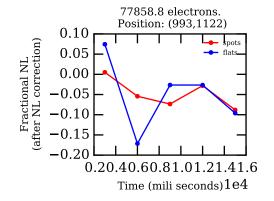
0.05

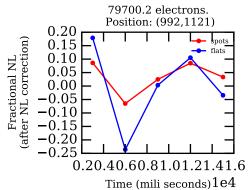
0.00

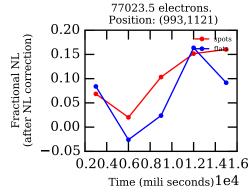
-0.05

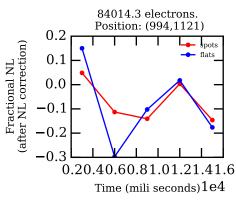
-0.20 -0.25

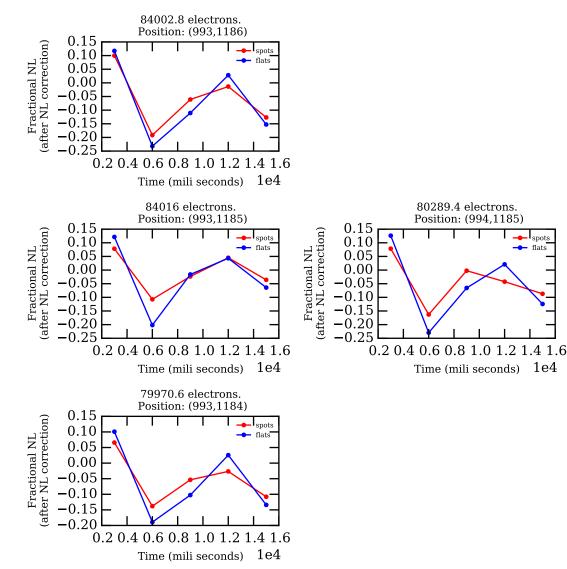
(after NL correction)



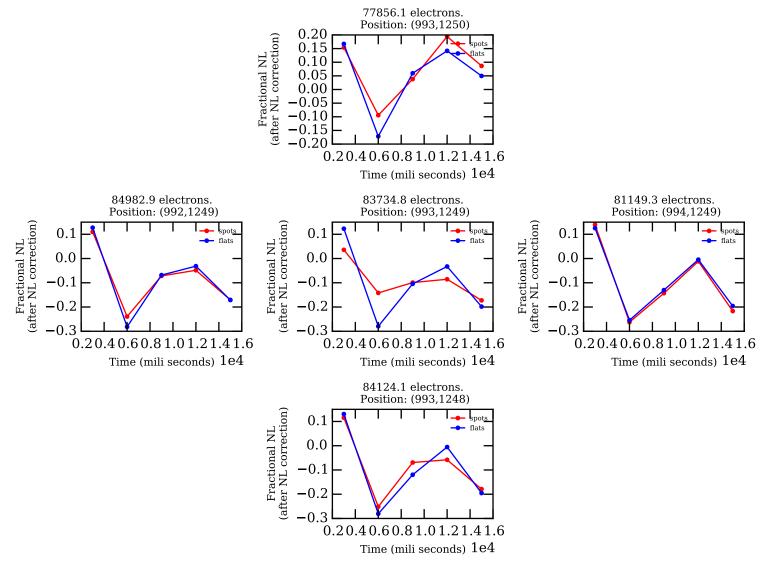


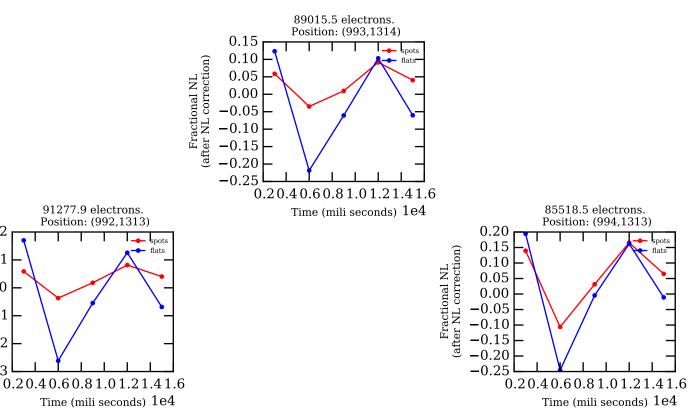






1e4





0.1

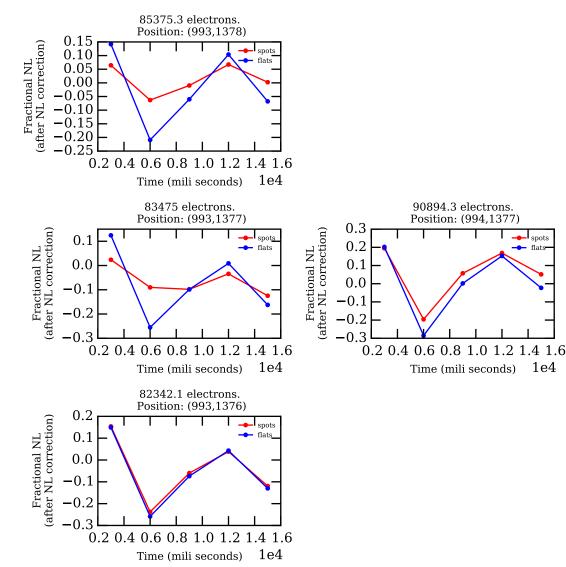
0.0

-0.1

-0.2

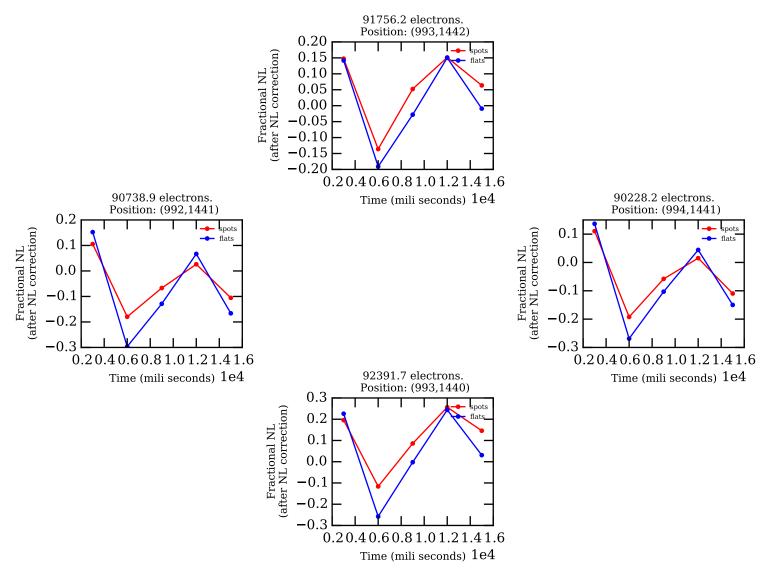
-0.3

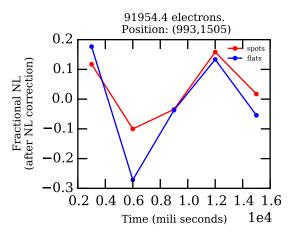
Fractional NL (after NL correction)

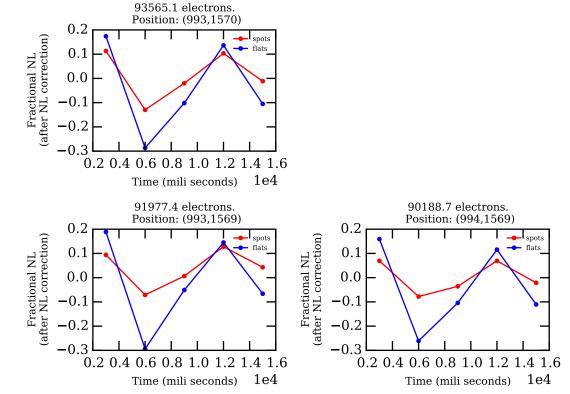


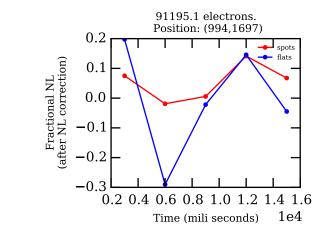
flats

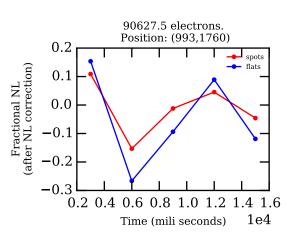
1e4

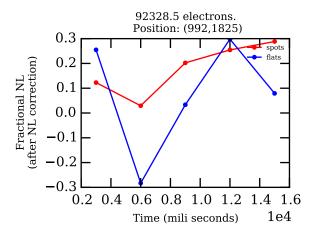


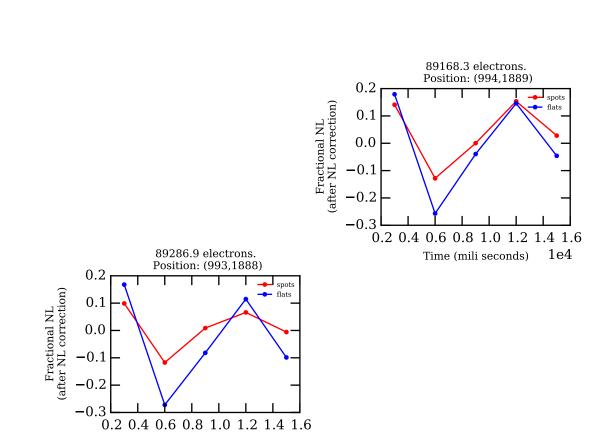






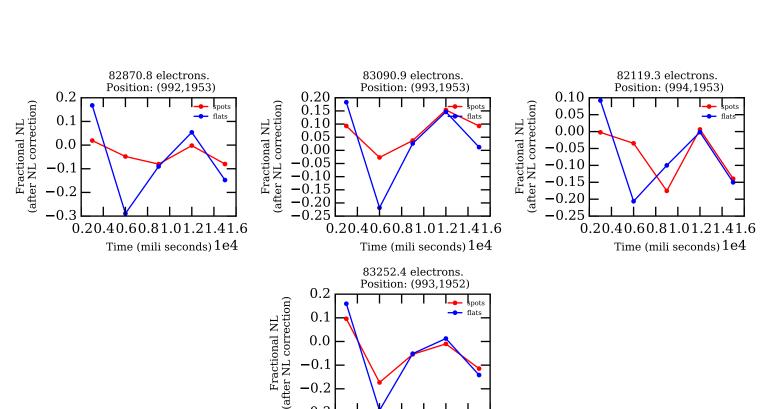






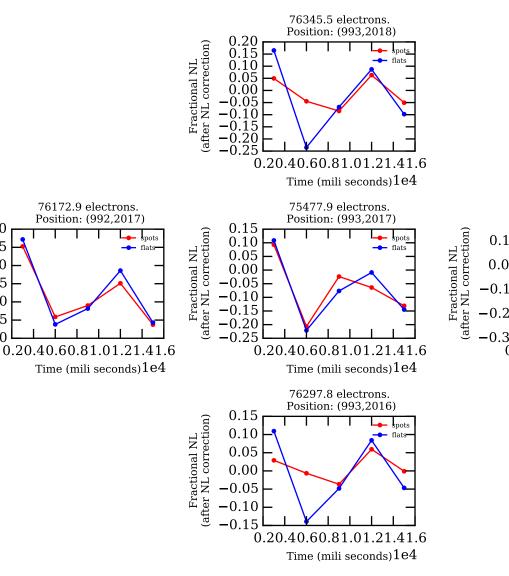
1e4

Time (mili seconds)



0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

-0.3



0.05

0.00

-0.05

-0.10

-0.15

-0.20

(after NL correction)

Fractional NL

76090.5 electrons.

Position: (994,2017)

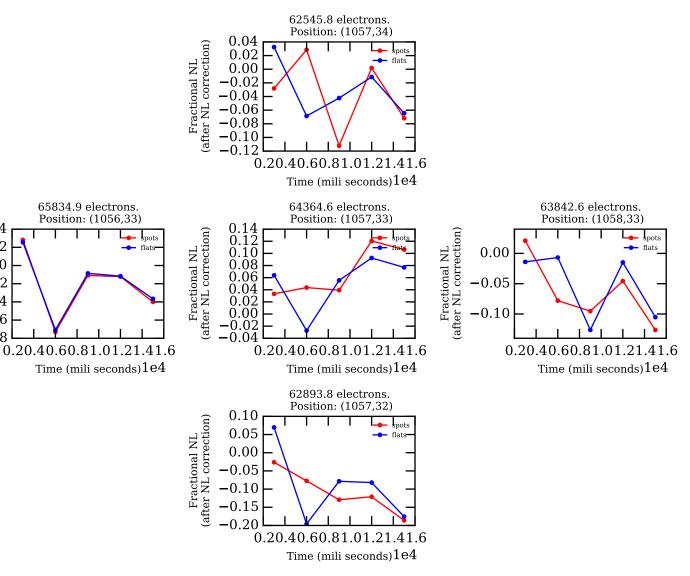
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

0.1

0.0



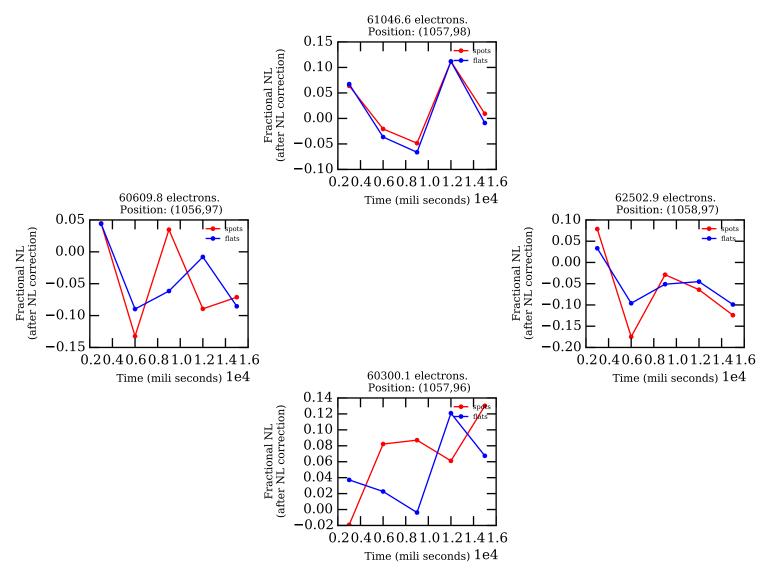
0.02

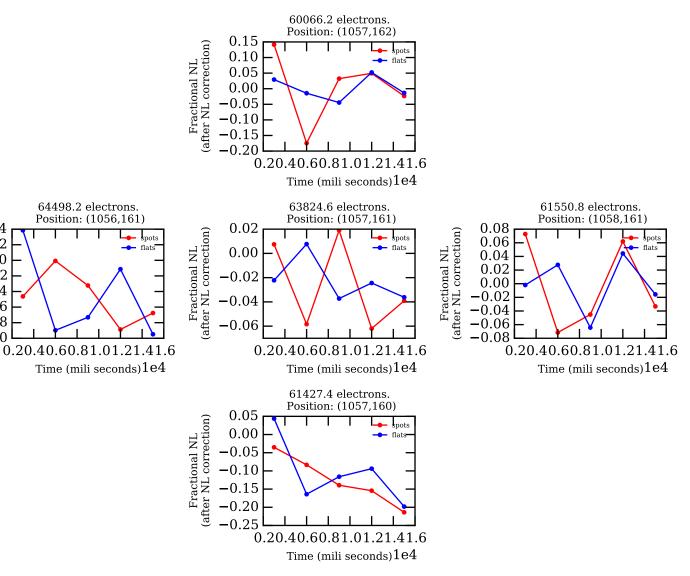
0.00 -0.02

-0.04

-0.06 -0.08

(after NL correction)





0.02

0.00

-0.02

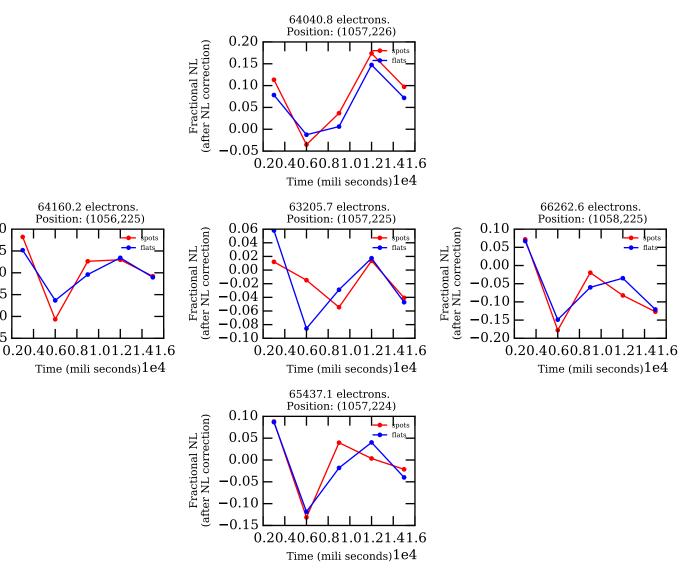
-0.04

-0.06

-0.08

-0.10

(after NL correction)



0.05

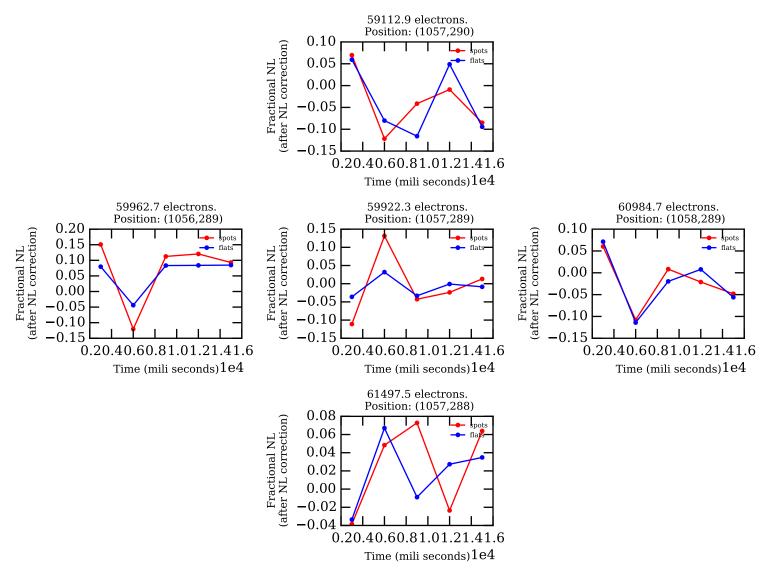
0.00

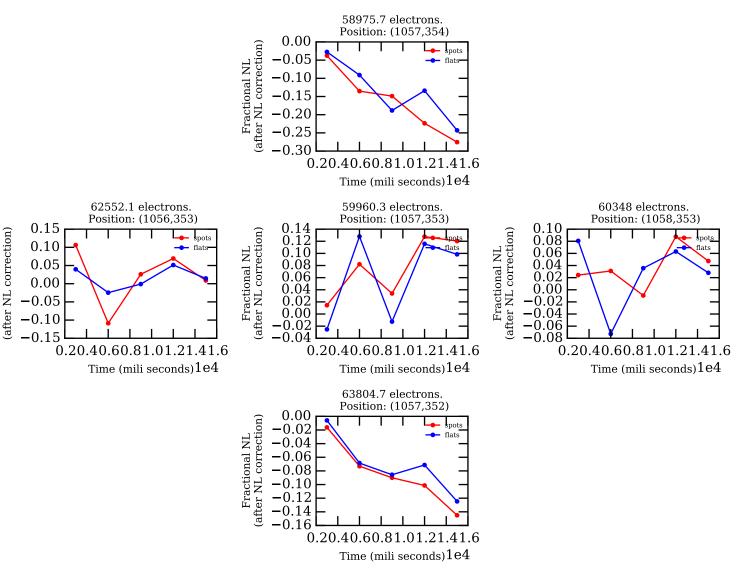
-0.05

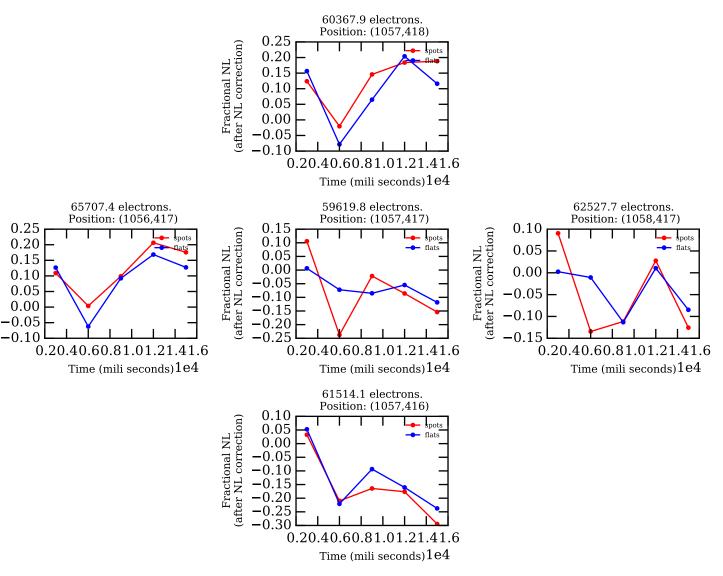
-0.10

-0.15

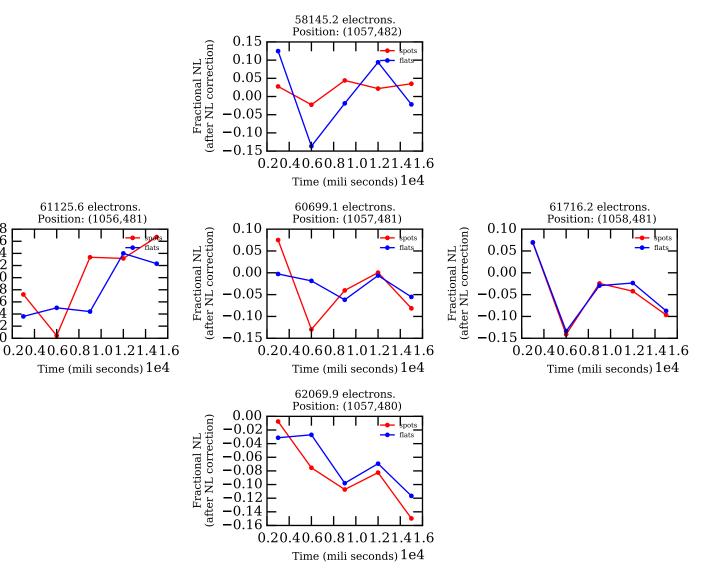
(after NL correction)







(after NL correction)

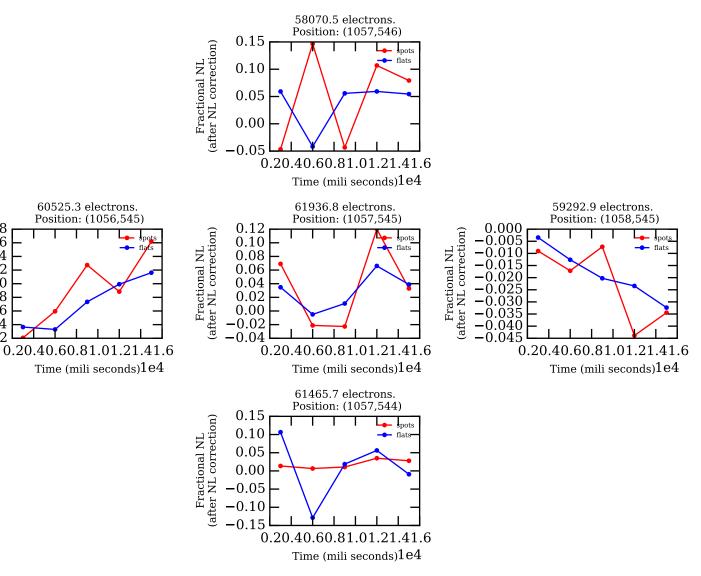


 $0.18 \\ 0.16$

0.14

0.12 0.08 0.06 0.04 0.02 0.00

(after NL correction)



60525.3 electrons.

0.18

0.16

0.14

0.12 0.10

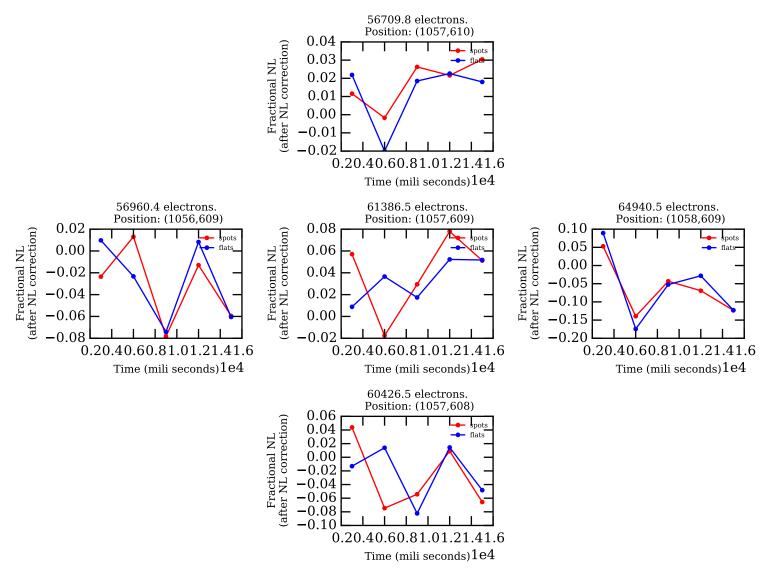
0.08

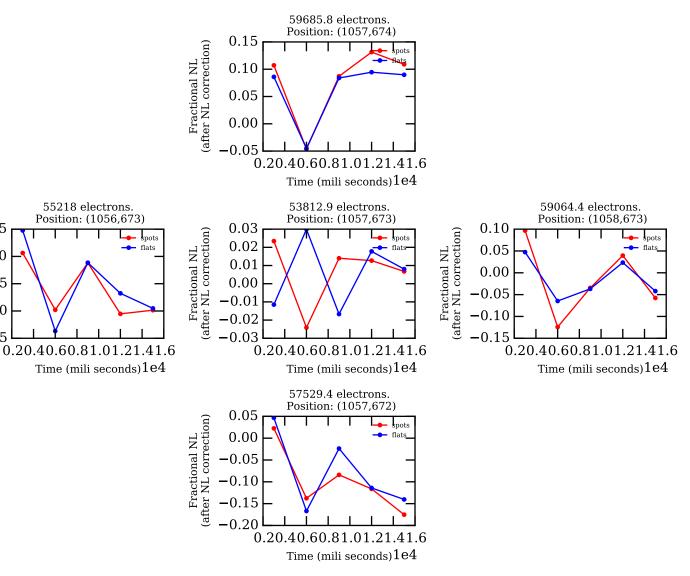
0.06

0.04

0.02

(after NL correction)





55218 electrons.

0.05

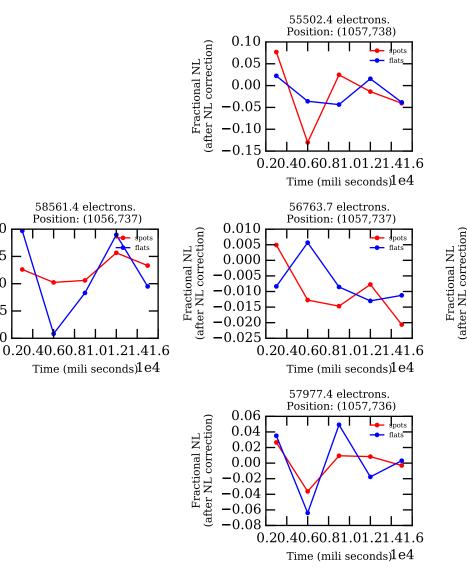
0.00

-0.05

-0.10

-0.15

(after NL correction)



58561.4 electrons. Position: (1056,737)

Time (mili seconds)1e4

flats

0.10

0.05

0.00

-0.05

-0.10

(after NL correction)

Fractional NL

57822.2 electrons.

Position: (1058,737)

0.20.40.60.81.01.21.41.6

Time (mili seconds)1e4

0.00

-0.05

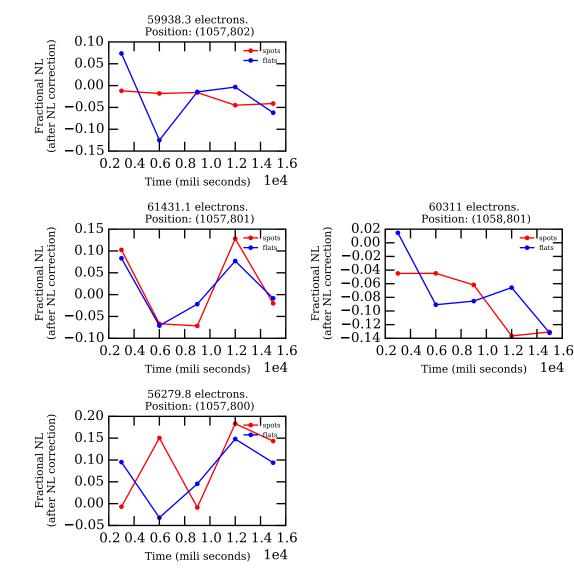
-0.10

-0.15

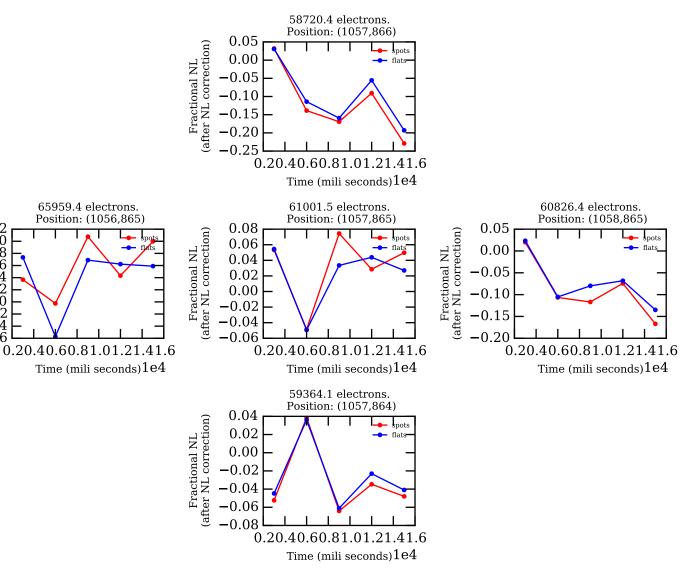
-0.20

-0.25

-0.30



1e4

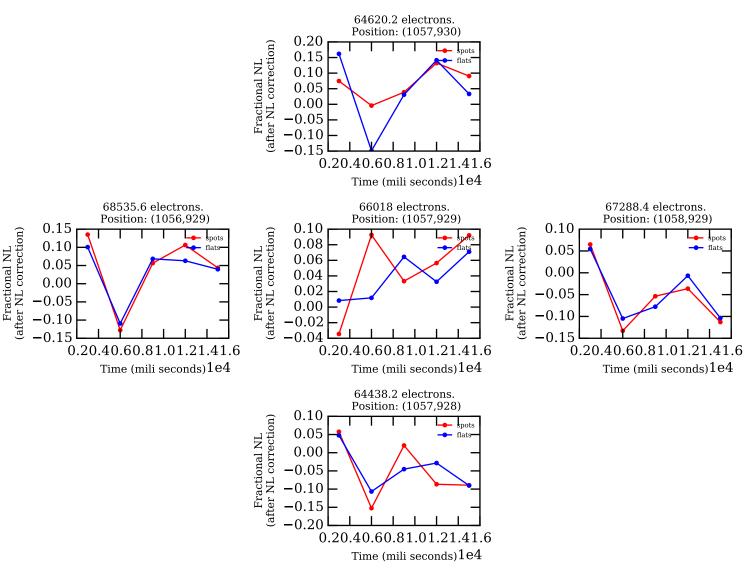


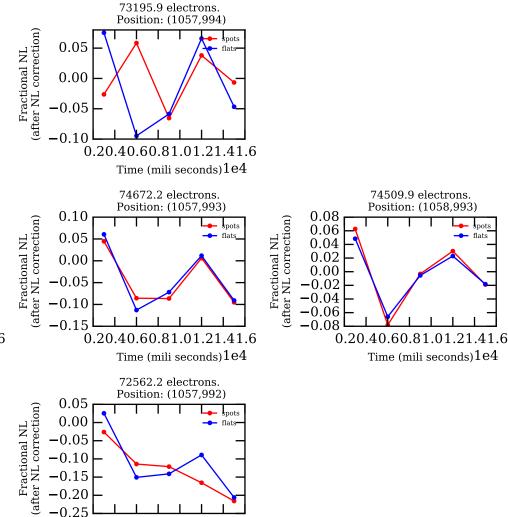
 $0.12 \\ 0.10$

0.08 0.06

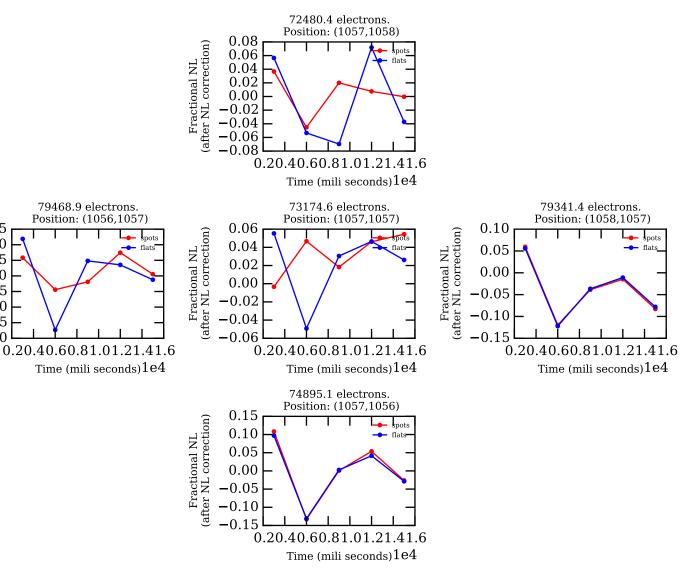
-0.04 -0.06

(after NL correction)





0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4



0.10

0.05

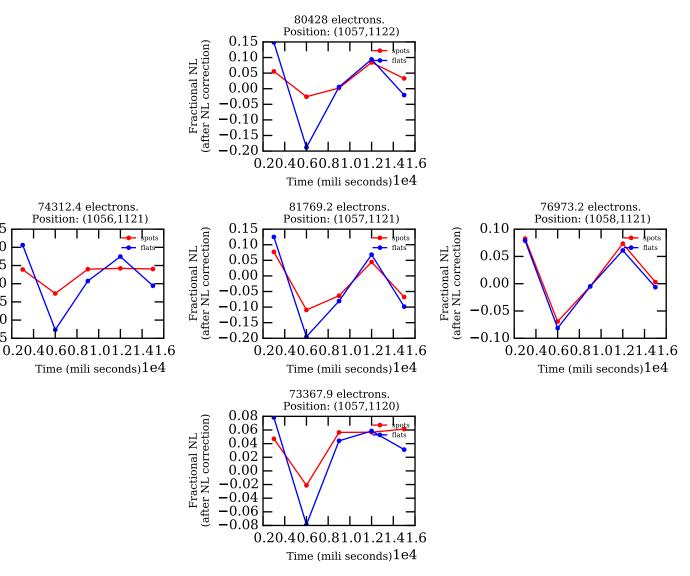
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



0.10

0.05

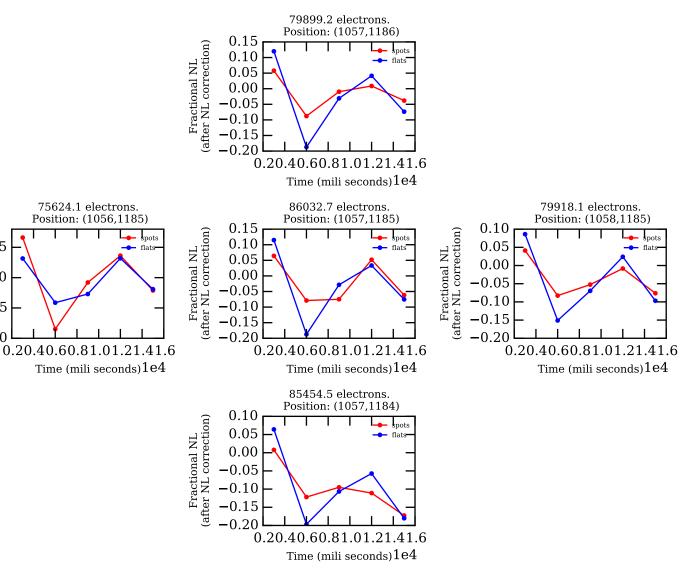
0.00

-0.05

-0.10

-0.15

(after NL correction)



(after NL correction)

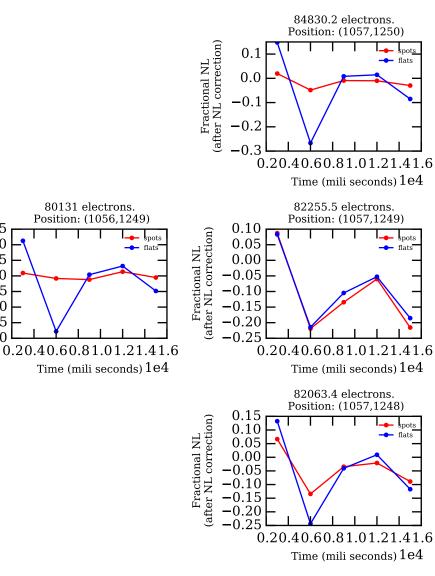
Fractional NL

0.05

0.00

-0.05

-0.10



80131 electrons.

Position: (1056,1249)

0.15

0.10

0.05

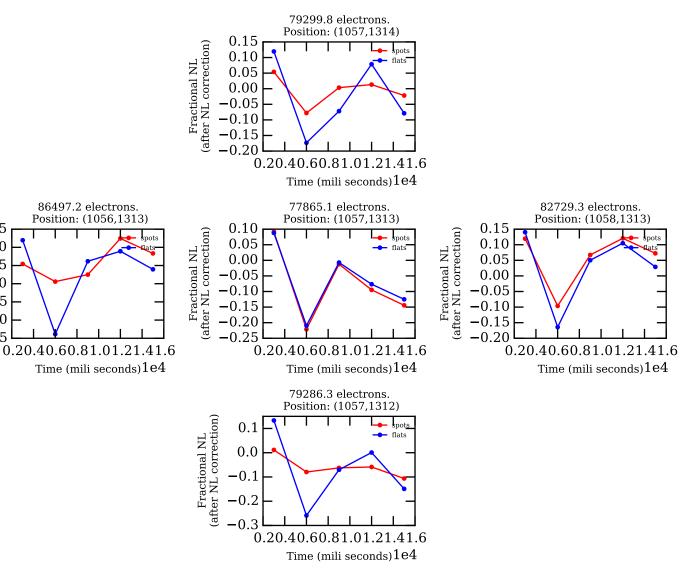
0.00

-0.05

-0.10-0.15

-0.20

(after NL correction)



0.10

0.05

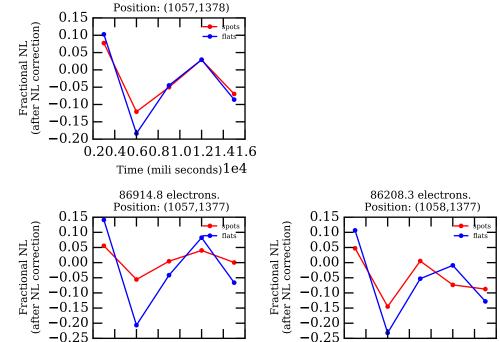
0.00

-0.05

-0.10

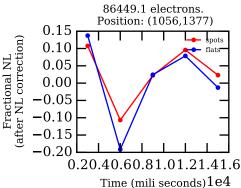
-0.15

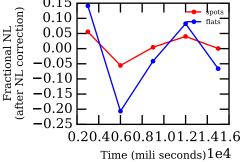
(after NL correction)



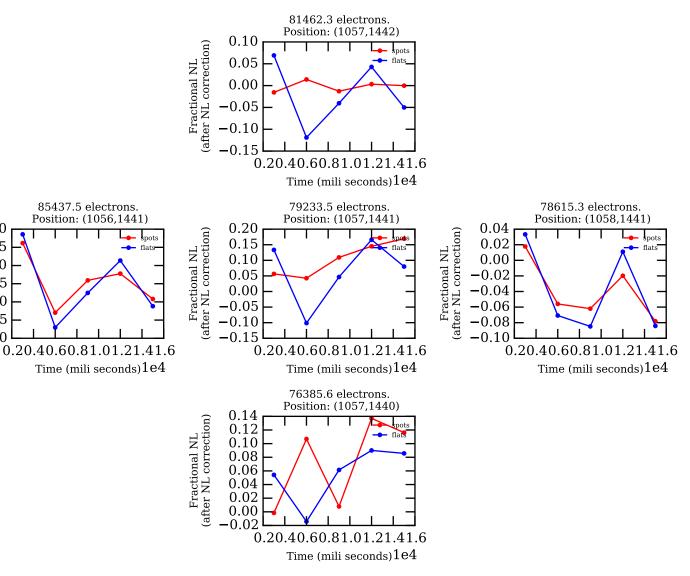
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





85890.8 electrons.



0.05

0.00

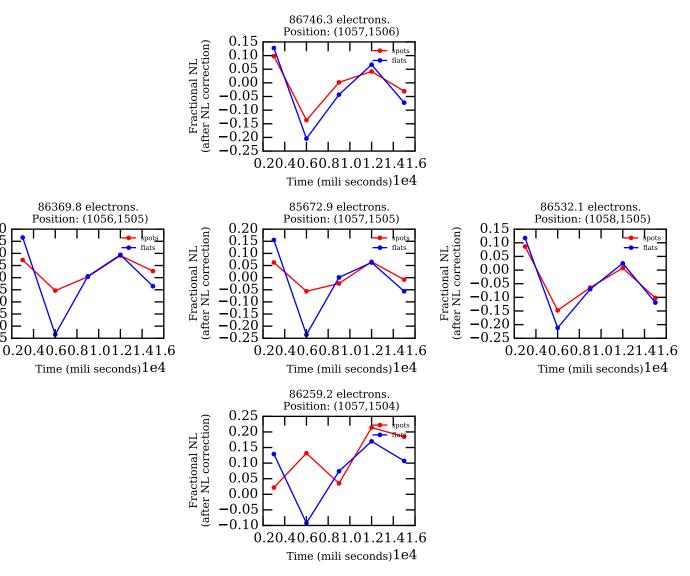
-0.05

-0.10

-0.15

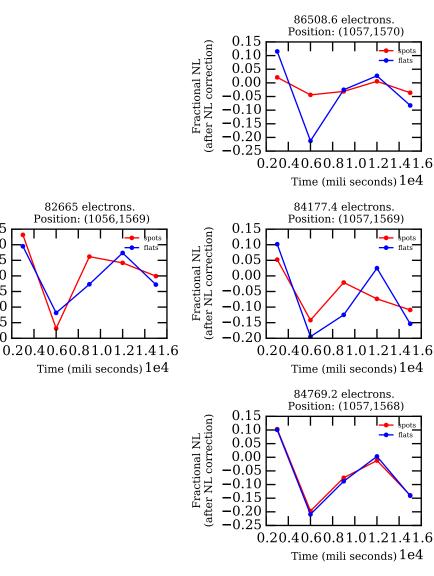
-0.20

(after NL correction)



 $0.20 \\ 0.15$

(after NL correction)



82665 electrons.

Position: (1056,1569)

0.15

0.10

0.05

0.00

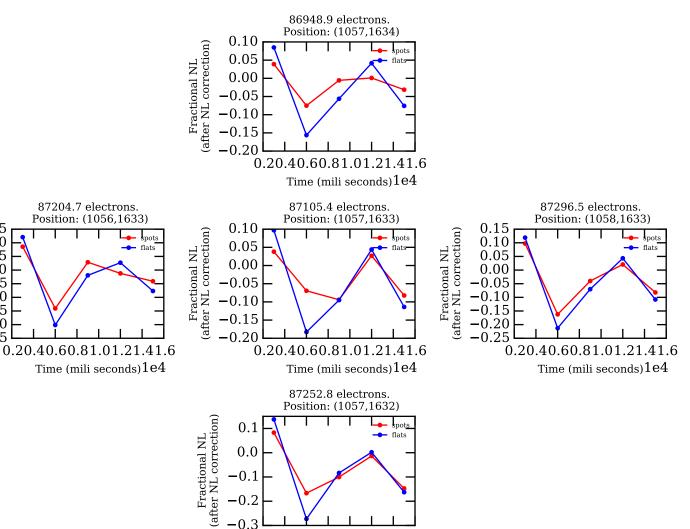
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

87204.7 electrons.

0.15

0.10

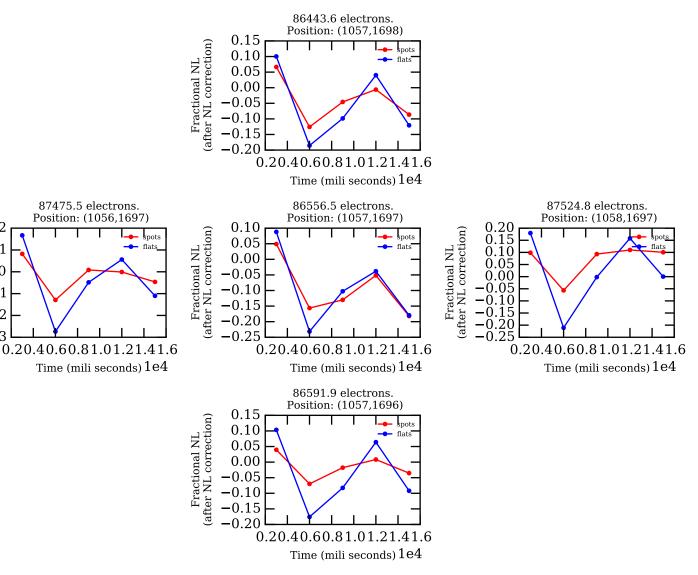
0.05

0.00

-0.05

-0.25

(after NL correction)



87475.5 electrons.

0.2

0.1

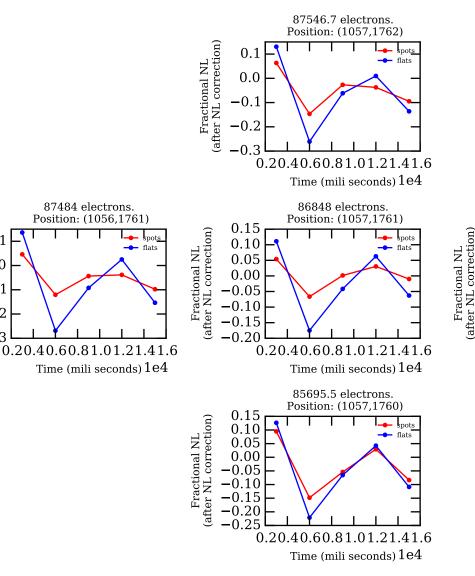
0.0

-0.1

-0.2

-0.3

(after NL correction)



85486.4 electrons.

Position: (1058,1761)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

0.2

0.1

0.0

-0.1

-0.2

87484 electrons.

(after NL correction)

Fractional NL

0.1

0.0

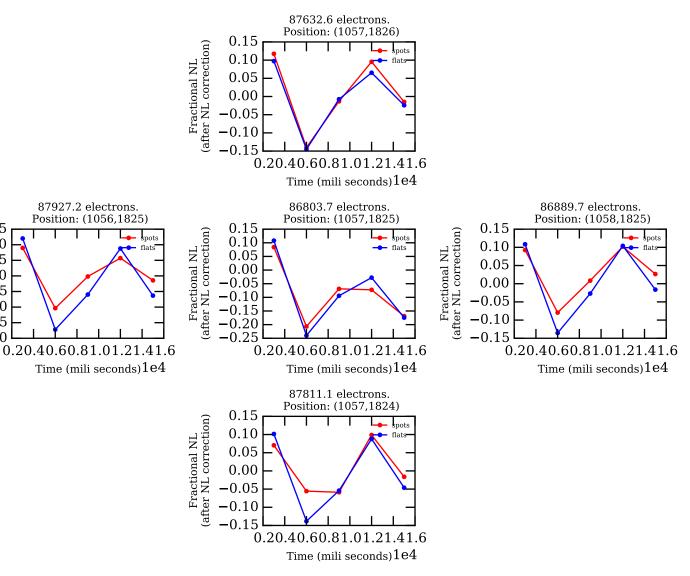
-0.1

-0.2

-0.3

Position: (1056,1761)

flats



0.10

0.05

0.00

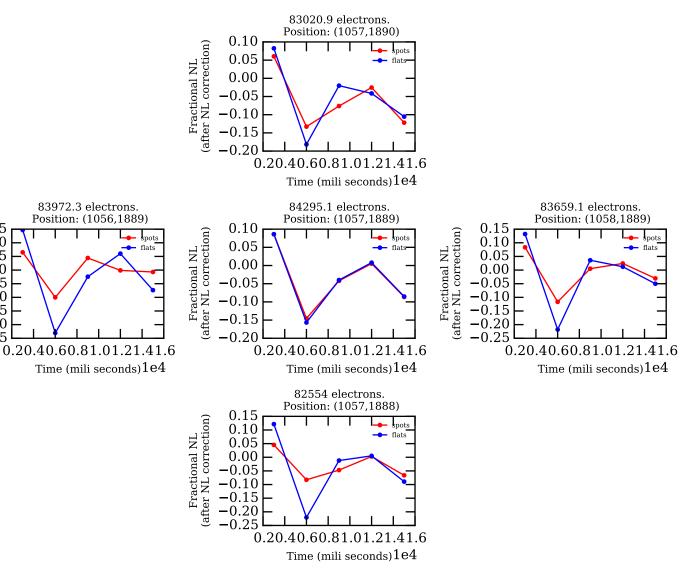
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

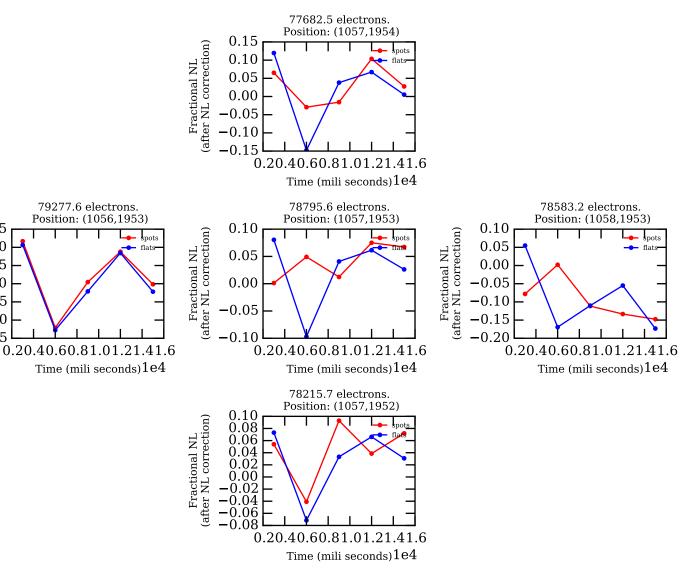
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

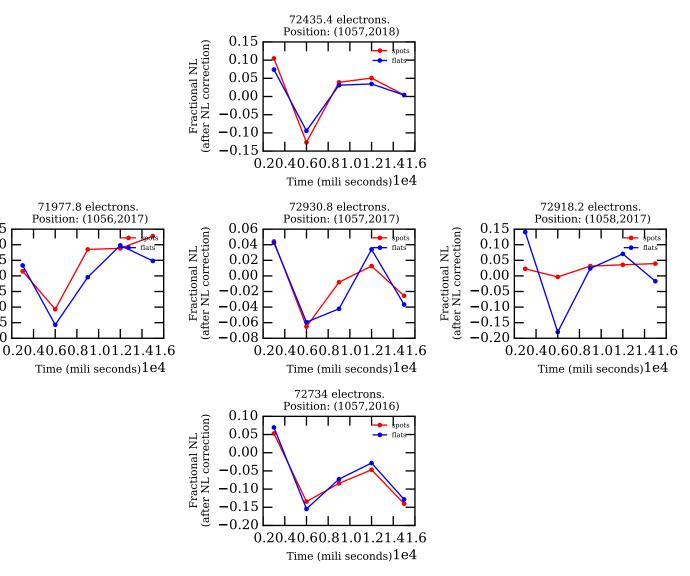
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.20

0.15

0.10

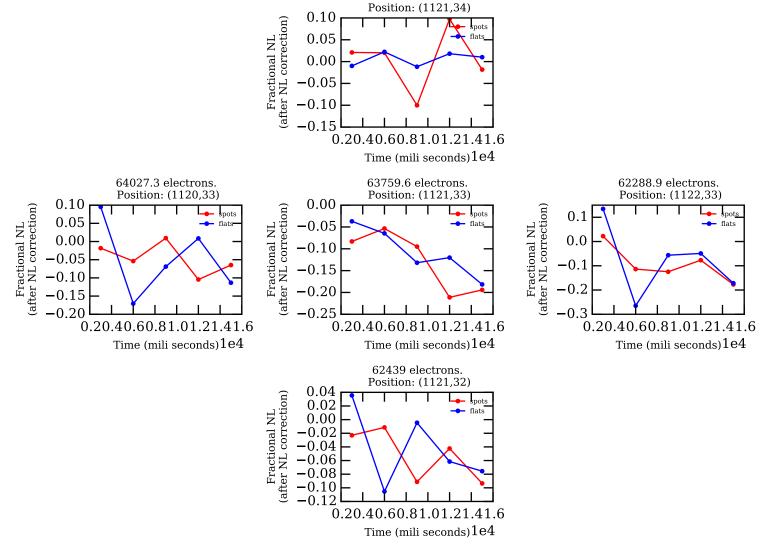
0.05

0.00

-0.05

-0.10

(after NL correction)



64357 electrons.

