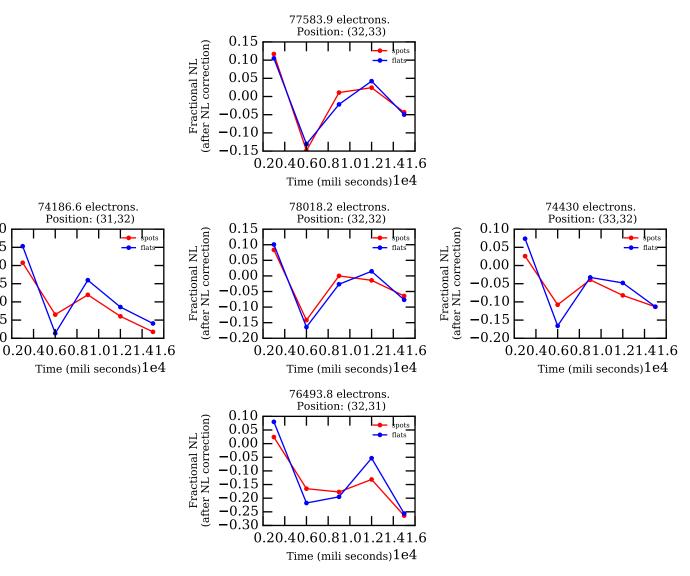


Flux in central pixel (electrons, from last sample; back. subtracted)



0.05

0.00

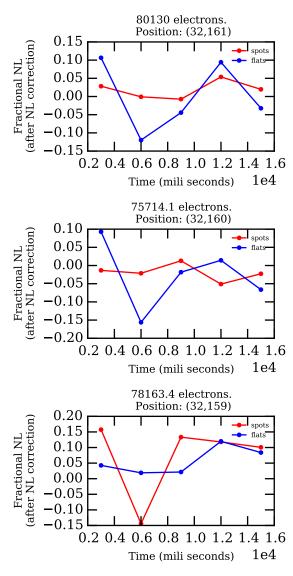
-0.05

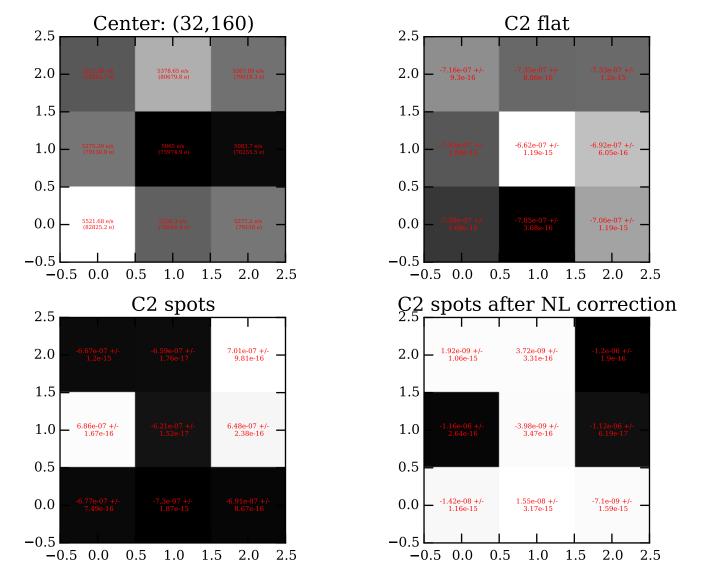
-0.10

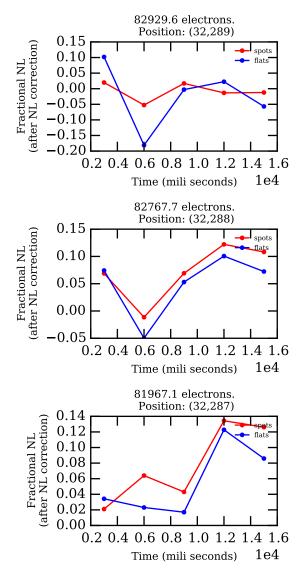
-0.15

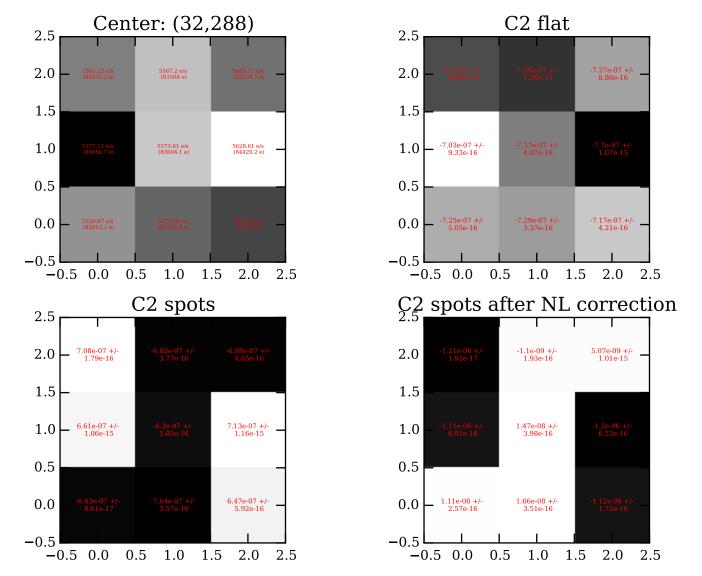
-0.20

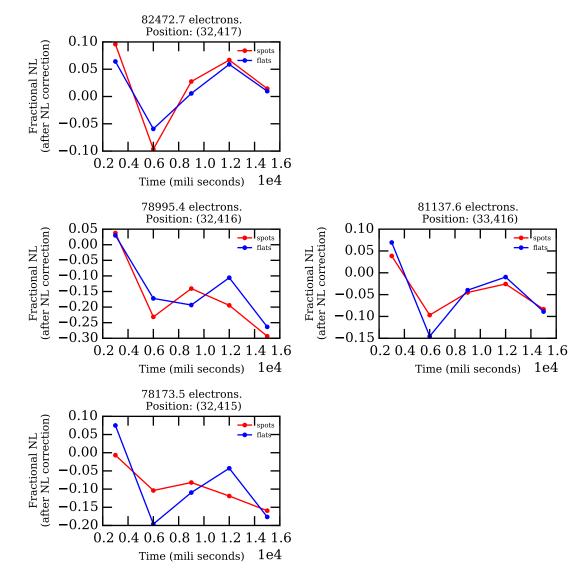
(after NL correction)

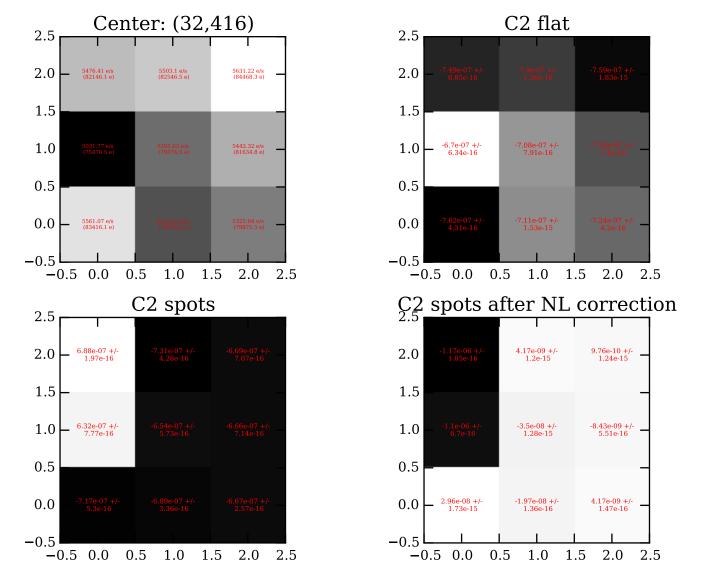


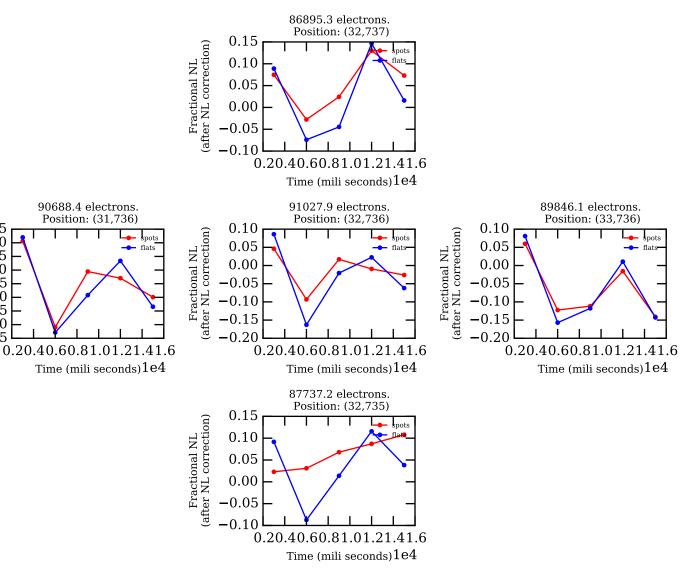












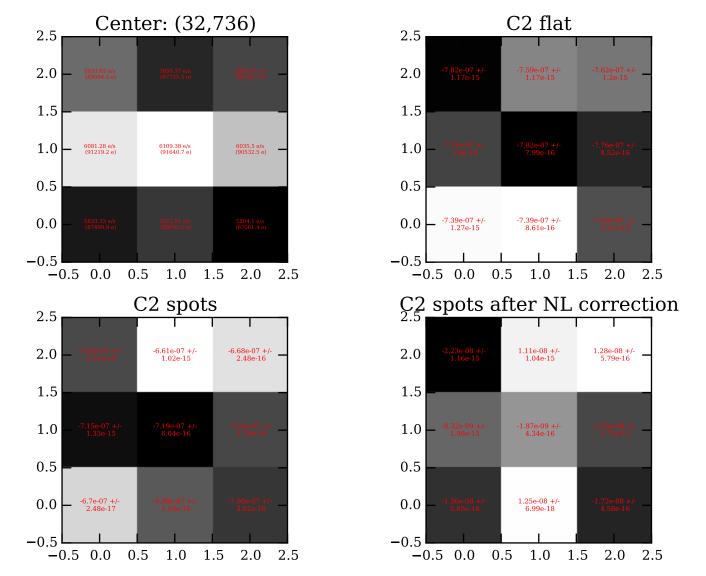
0.10

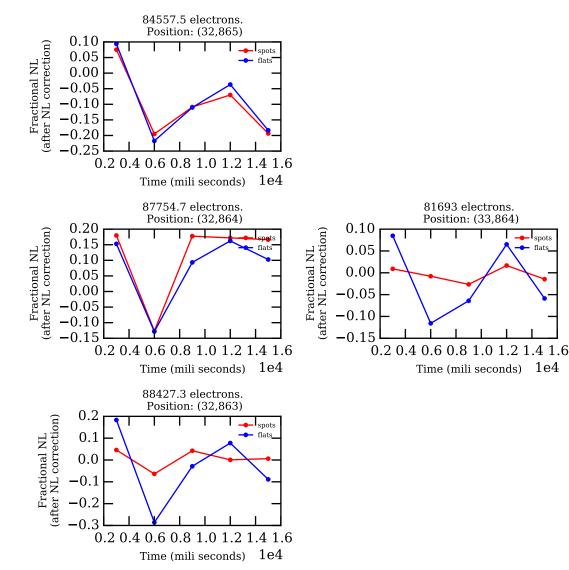
0.05

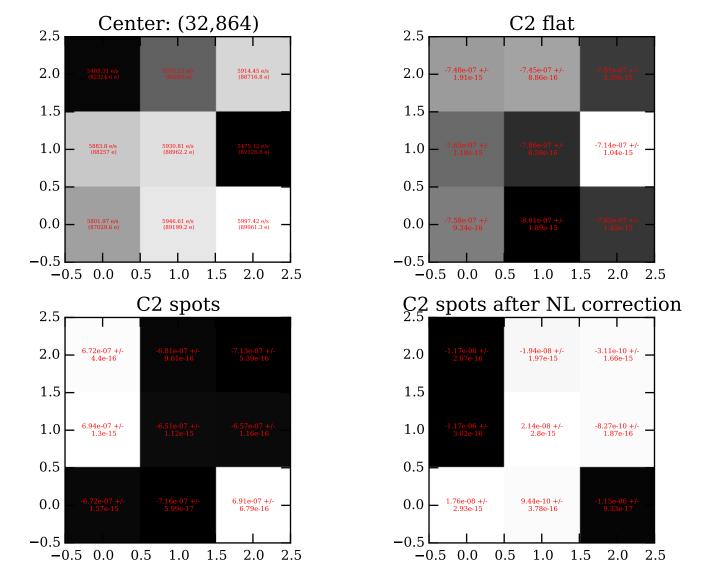
0.00

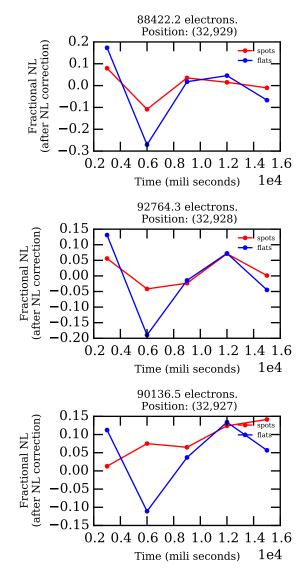
-0.25

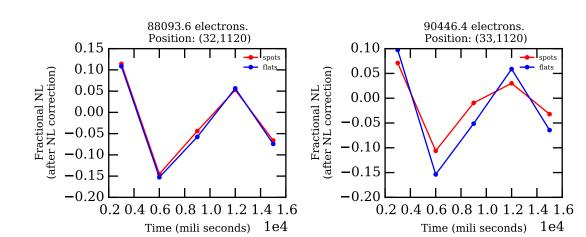
(after NL correction)

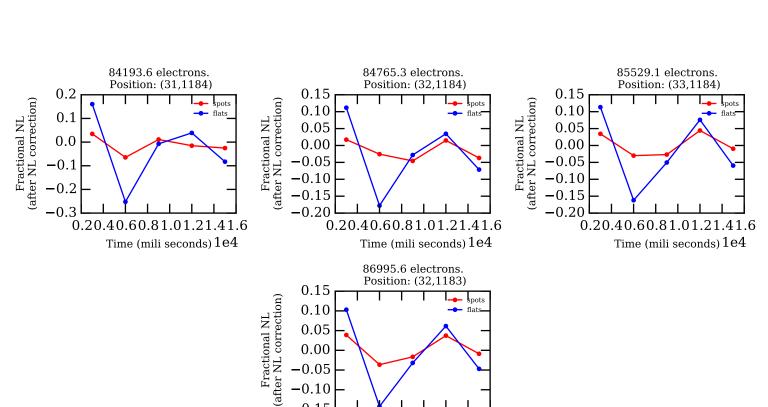






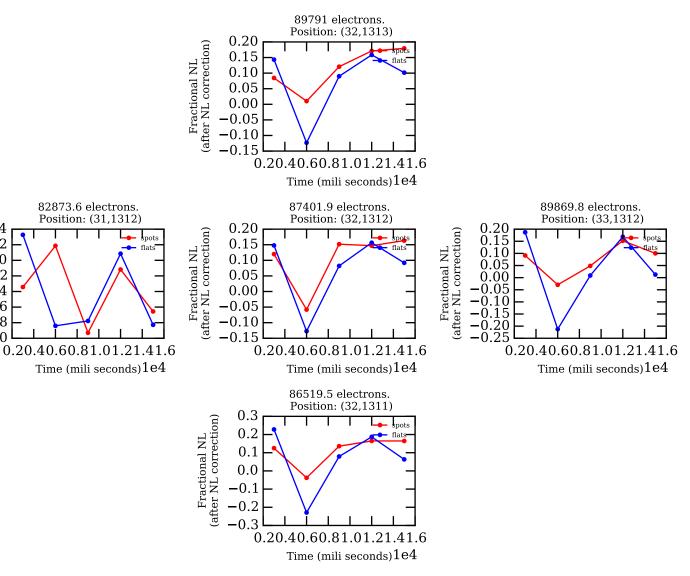






0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

-0.15



0.02

0.00

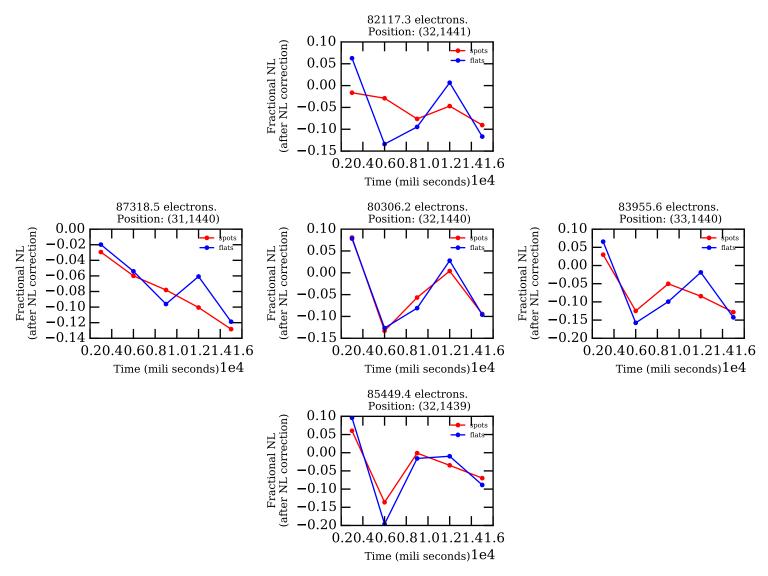
-0.02

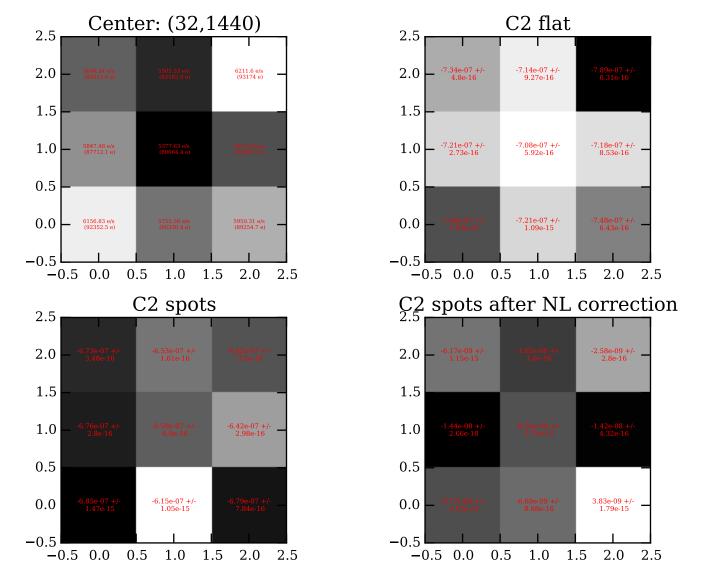
-0.04

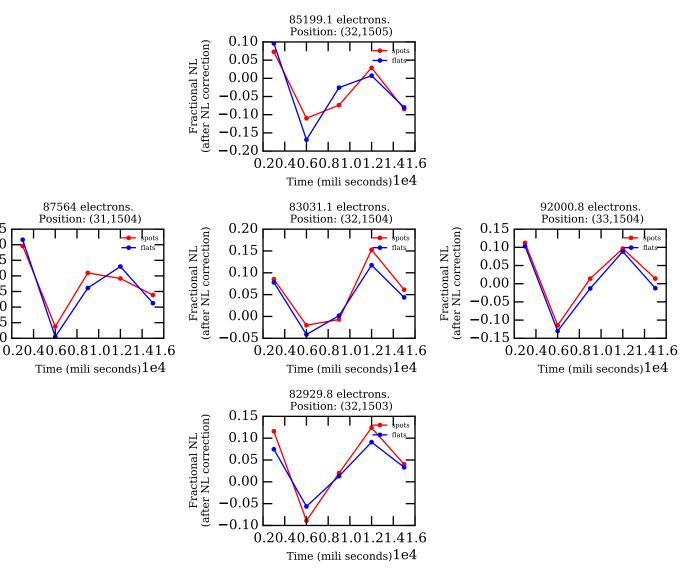
-0.06

-0.08 -0.10

(after NL correction)







0.10

0.05

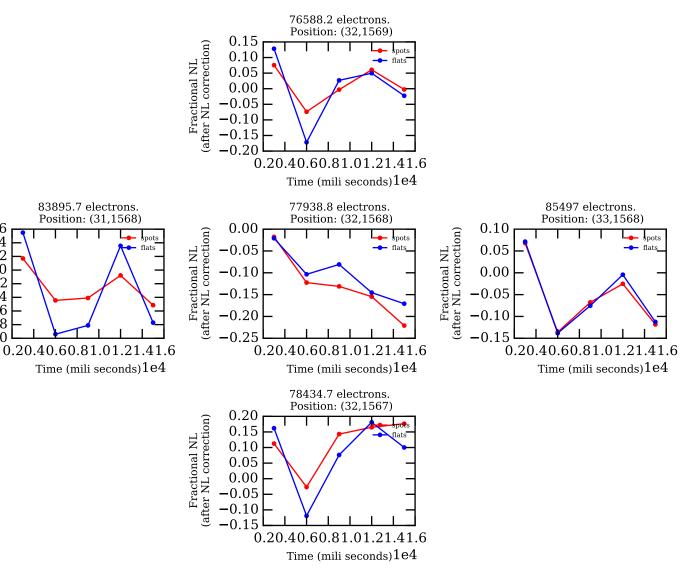
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



0.04

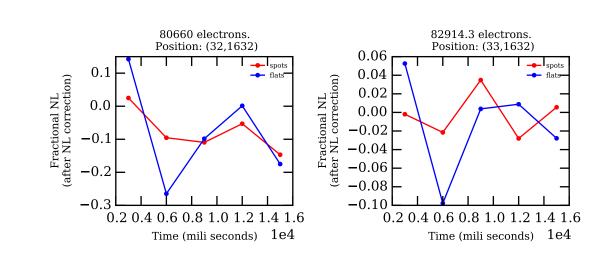
 $\begin{array}{c} 0.02 \\ 0.00 \end{array}$ 

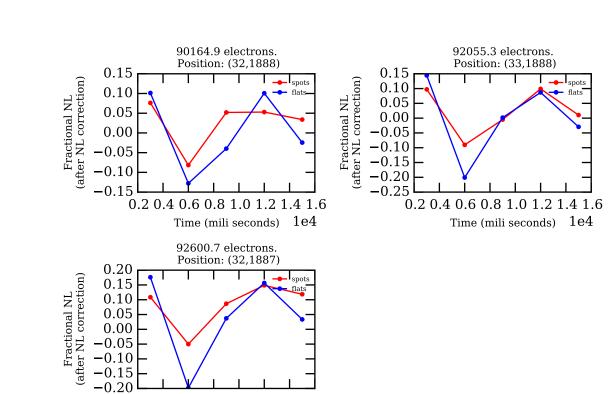
-0.02

-0.04 -0.06

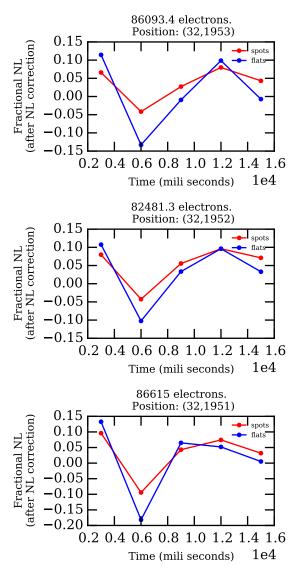
-0.08

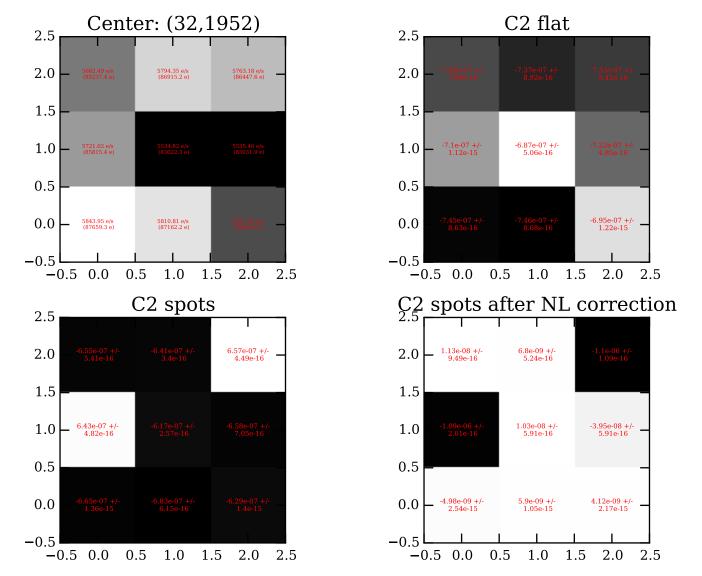
(after NL correction)

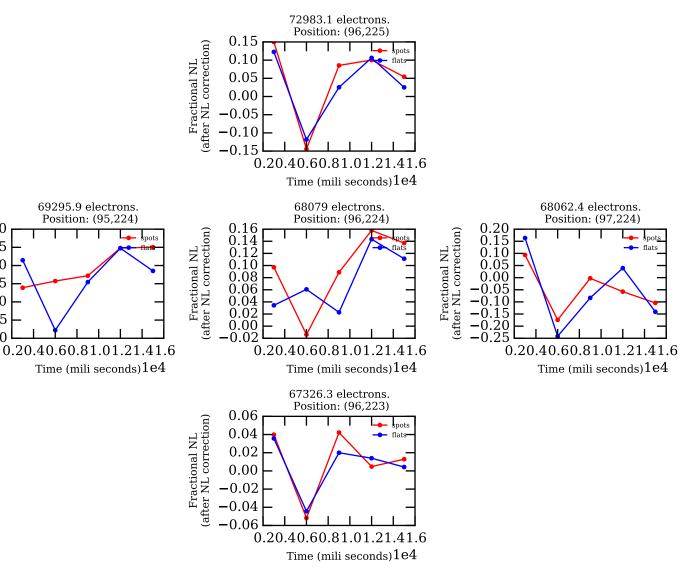




0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 Time (mili seconds)







0.15

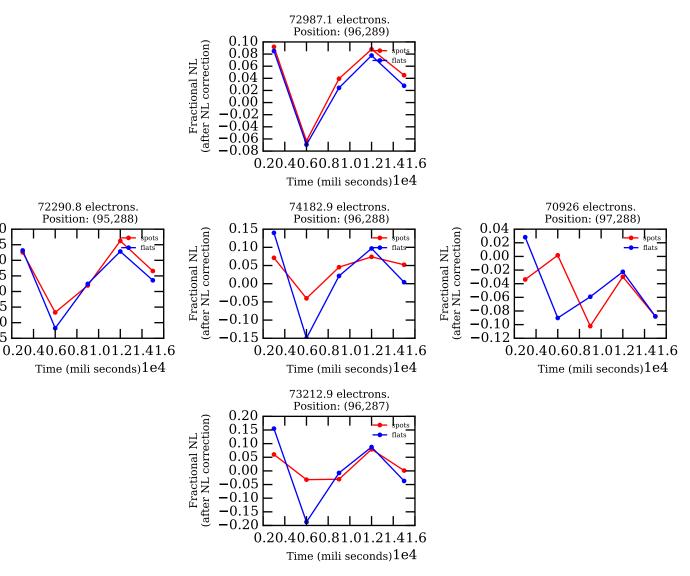
0.10

0.05

0.00

-0.05 -0.10

(after NL correction)



0.15

0.10

0.05

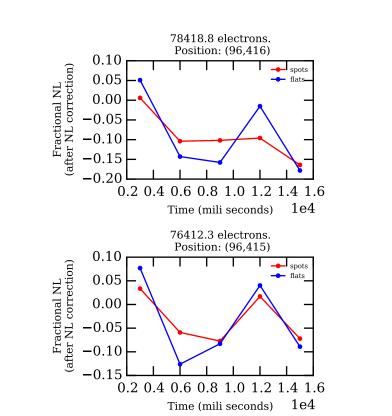
0.00

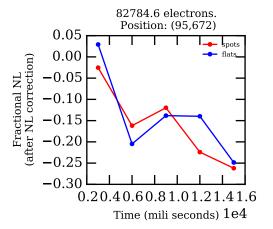
-0.05

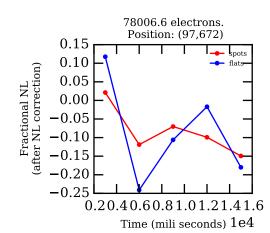
-0.10

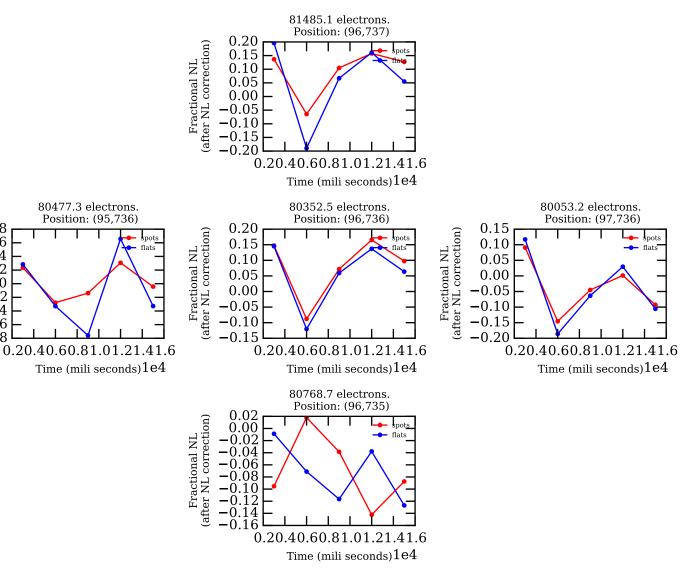
-0.15

(after NL correction)









0.06

0.04

0.02

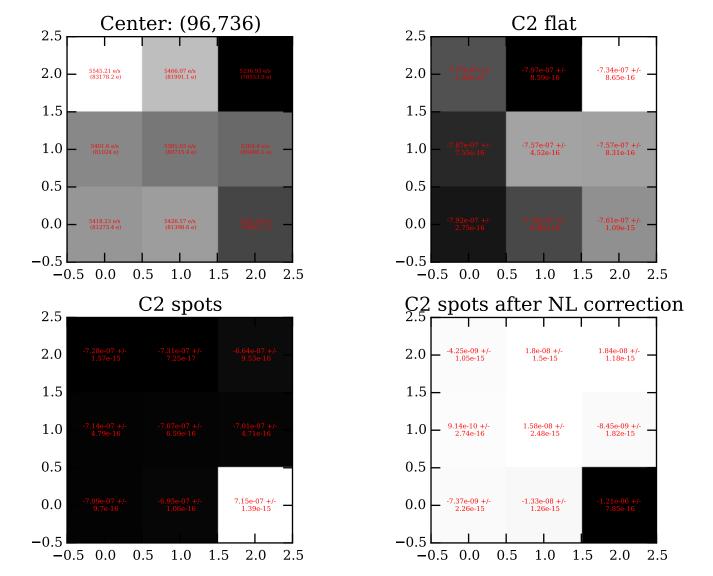
0.00

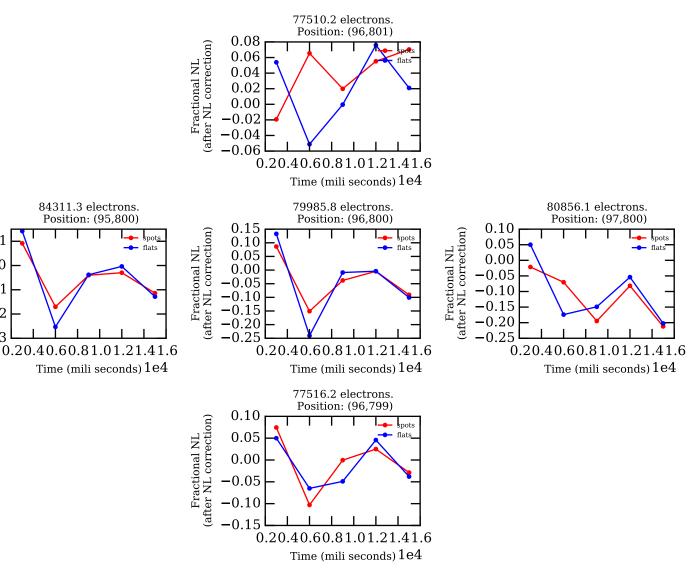
-0.04

-0.06

-0.08

(after NL correction)





(after NL correction)

Fractional NL

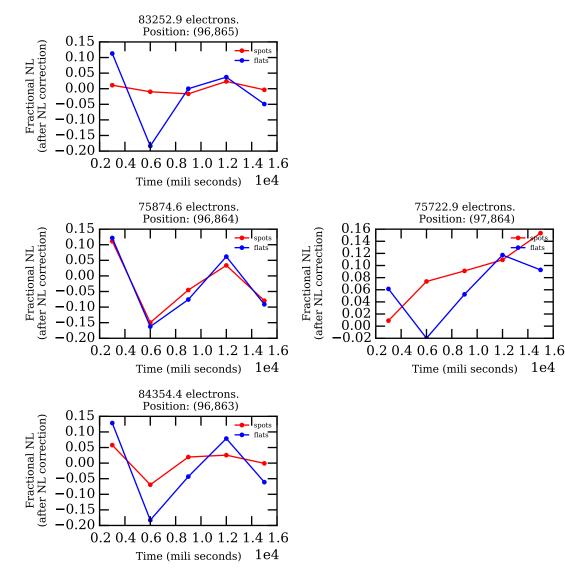
0.1

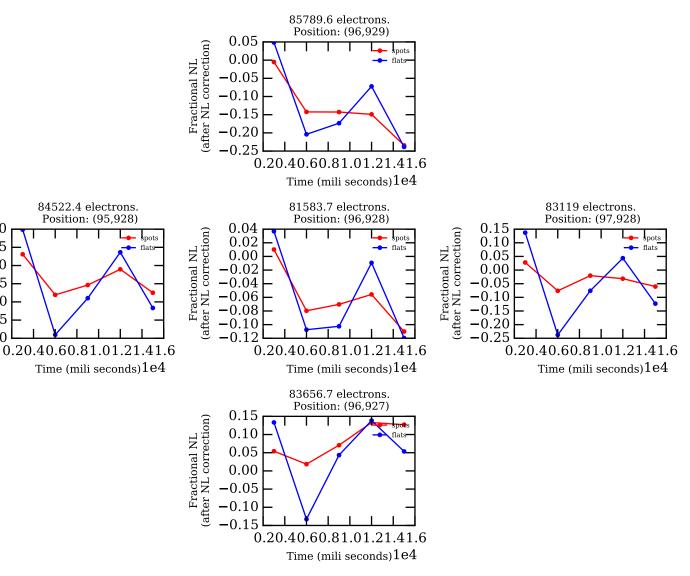
0.0

-0.1

-0.2

-0.3





0.05

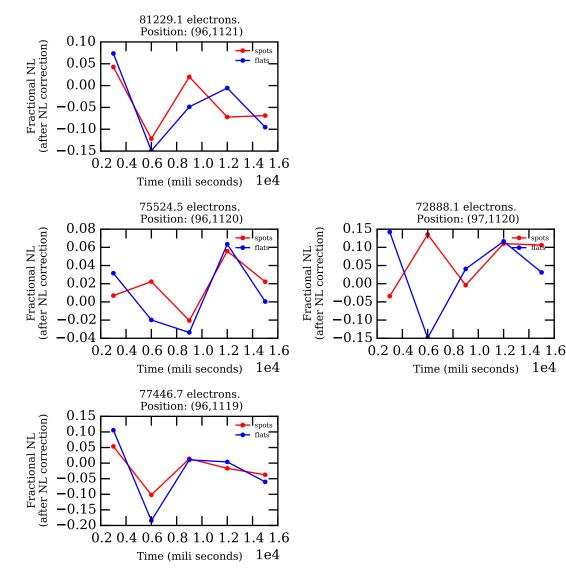
0.00

-0.05

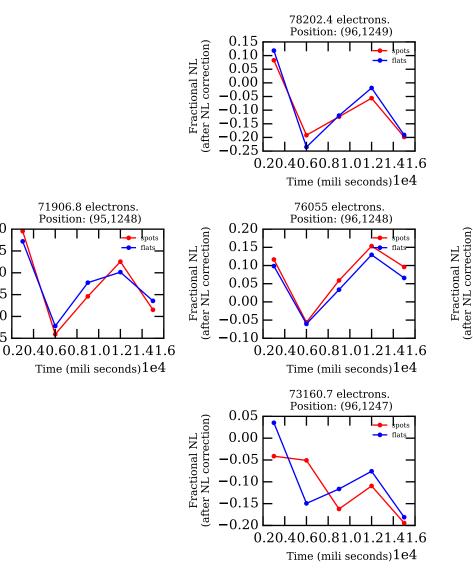
-0.10 -0.15

-0.20

(after NL correction)



I<sub>spots</sub>



73476.6 electrons.

Position: (97,1248)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

0.30

0.25

0.20

0.15

0.10

0.05

0.00

71906.8 electrons.

Position: (95,1248)

flats

0.10

0.05

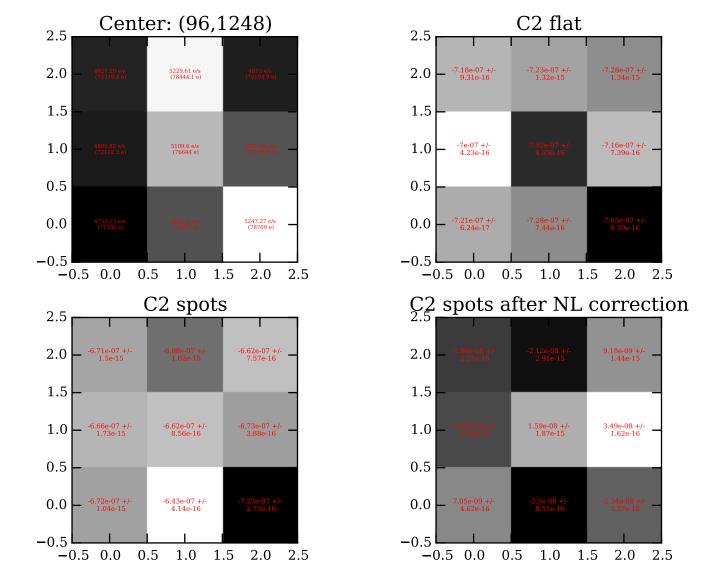
0.00

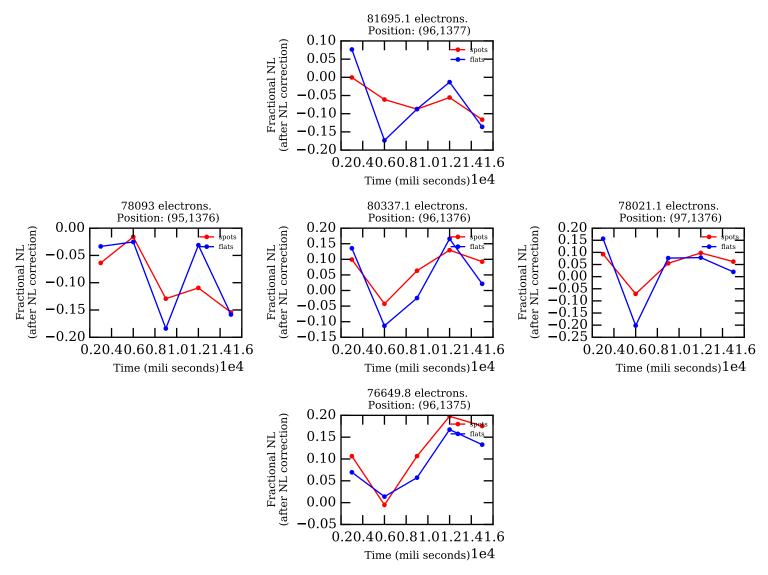
-0.05

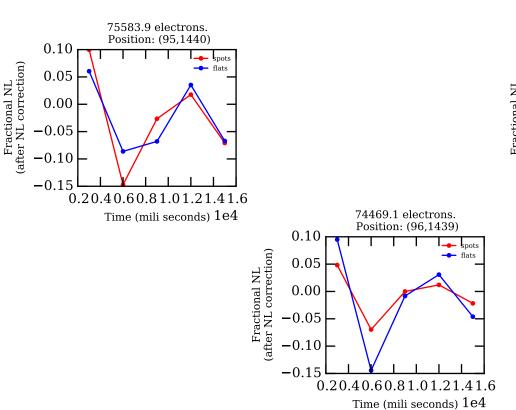
-0.10

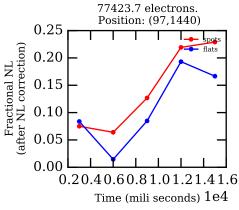
-0.15

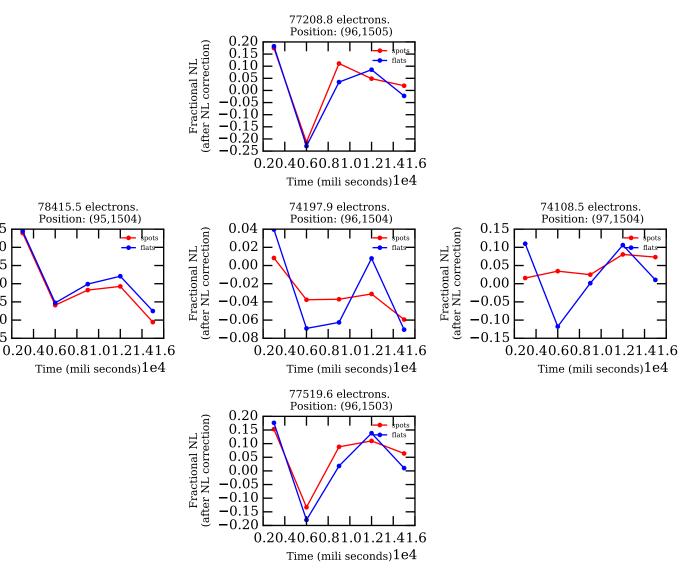
(after NL correction)











0.00

-0.05

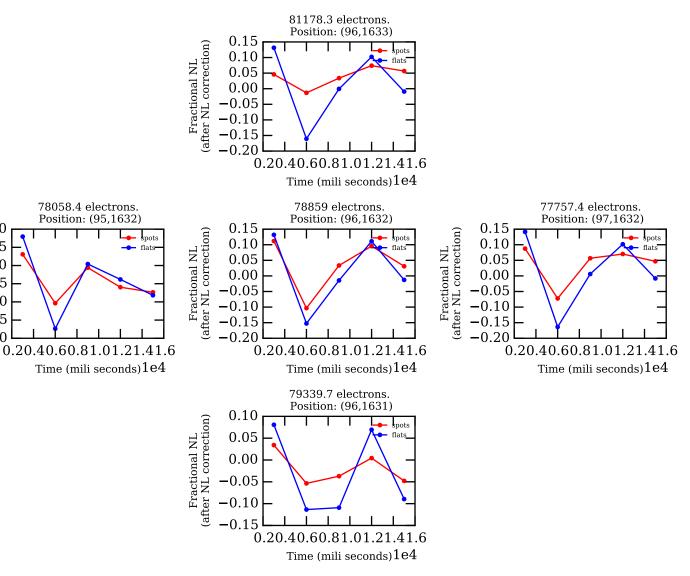
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

0.00

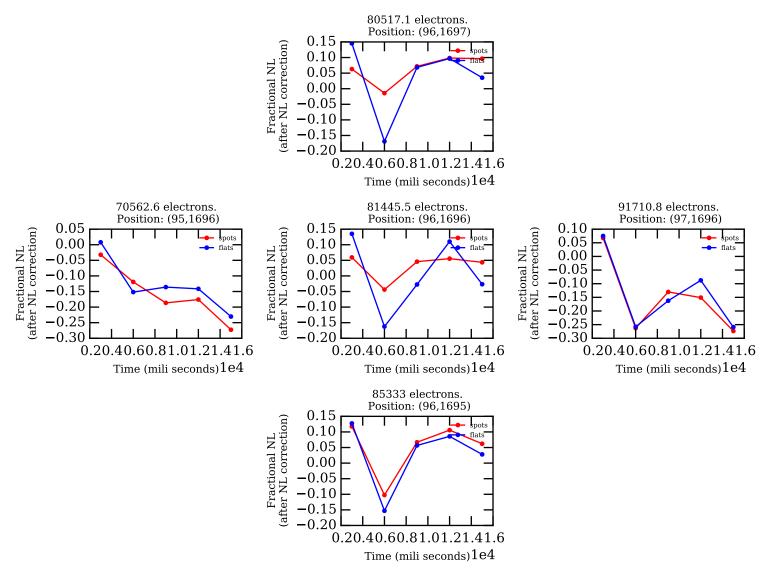
-0.05

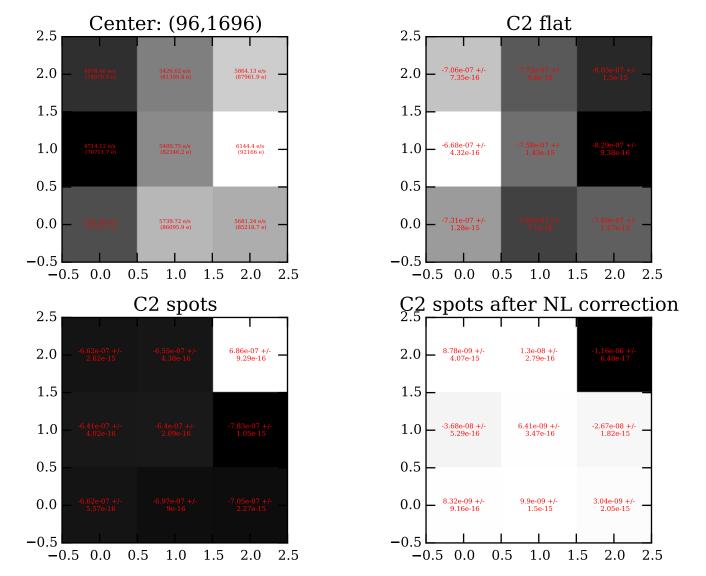
-0.10

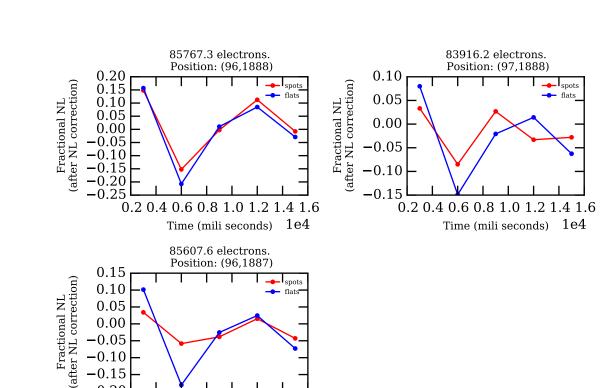
-0.15

-0.20

(after NL correction)



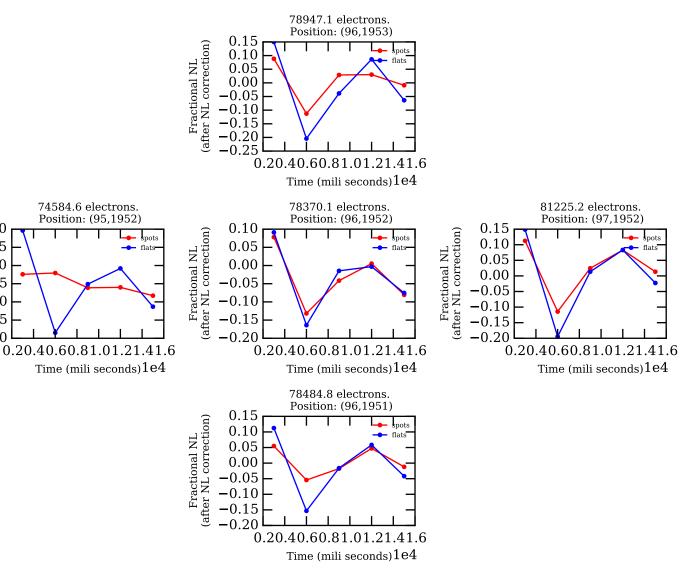




1e4

-0.20

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



0.05

0.00

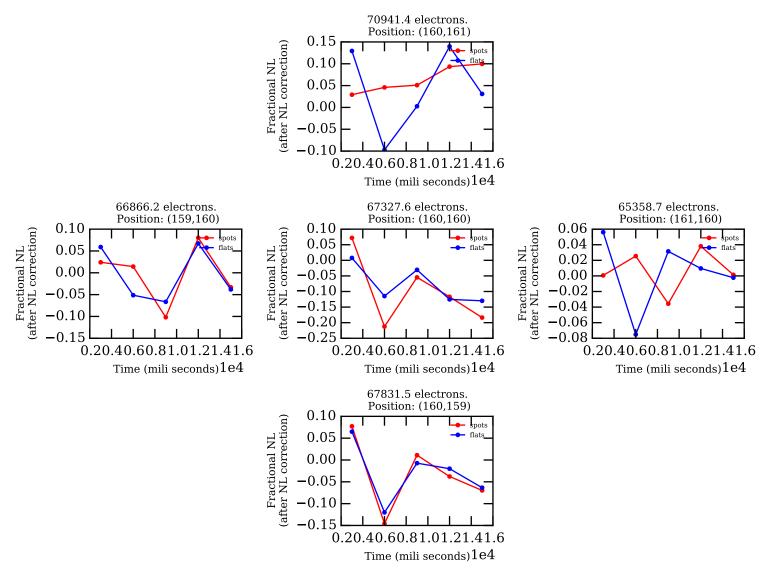
-0.05

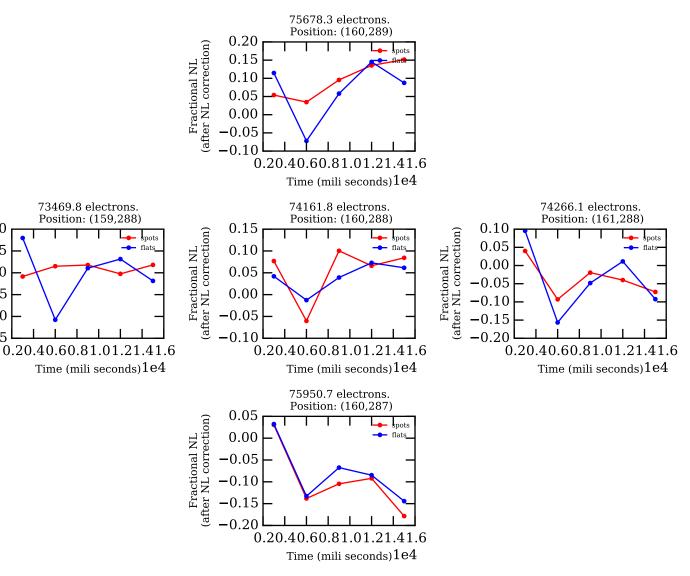
-0.10

-0.15

-0.20

(after NL correction)





0.05

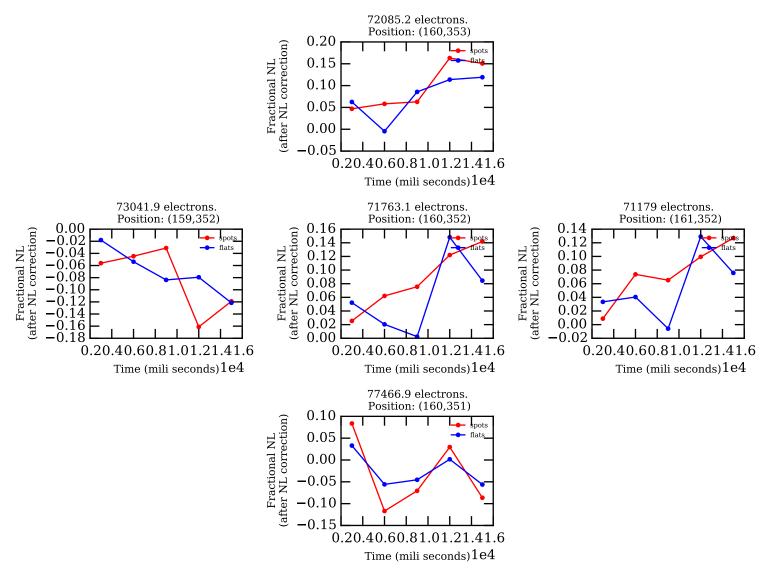
0.00

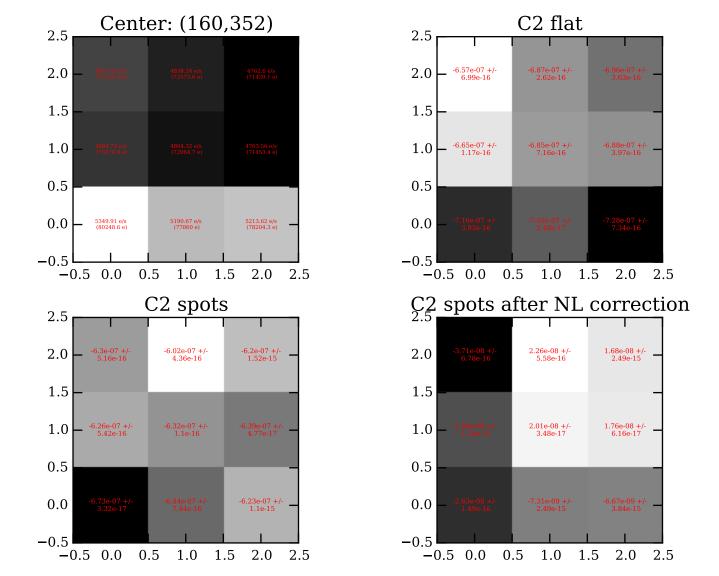
-0.05

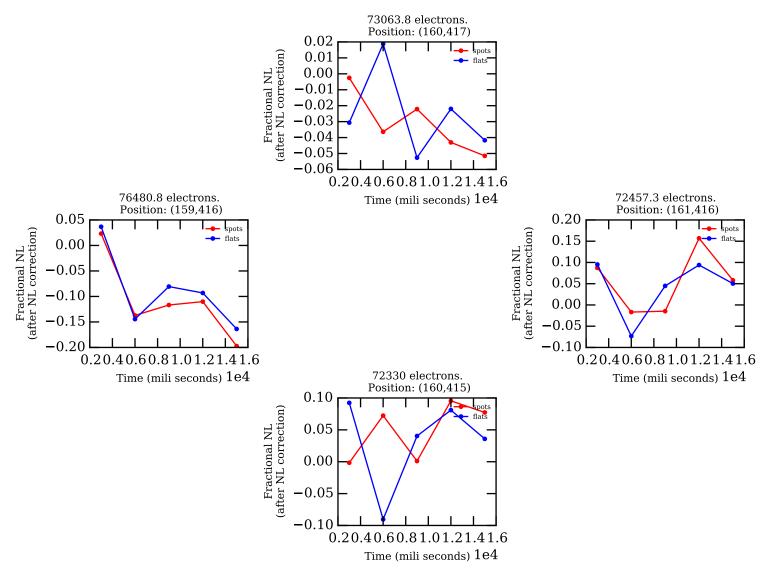
-0.10

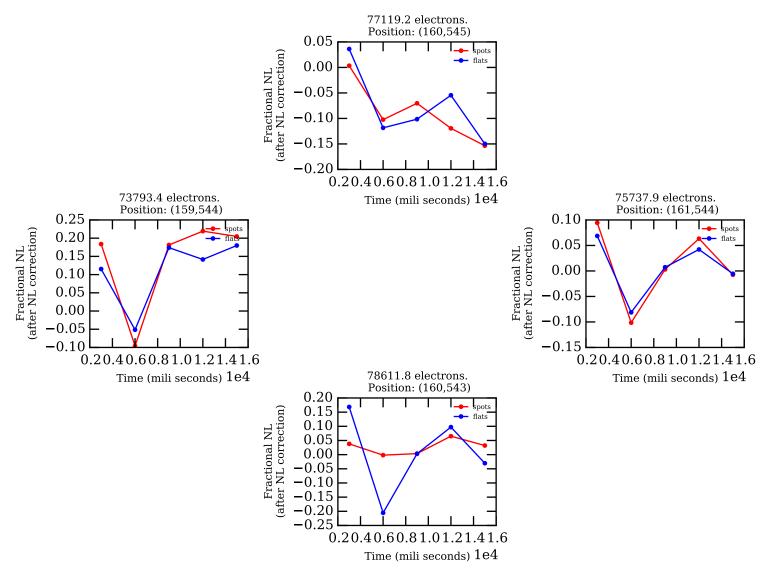
-0.15

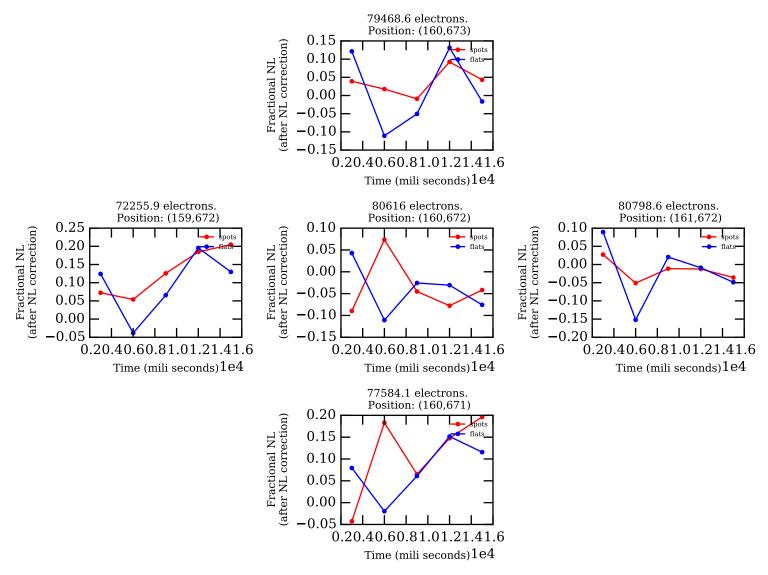
(after NL correction)

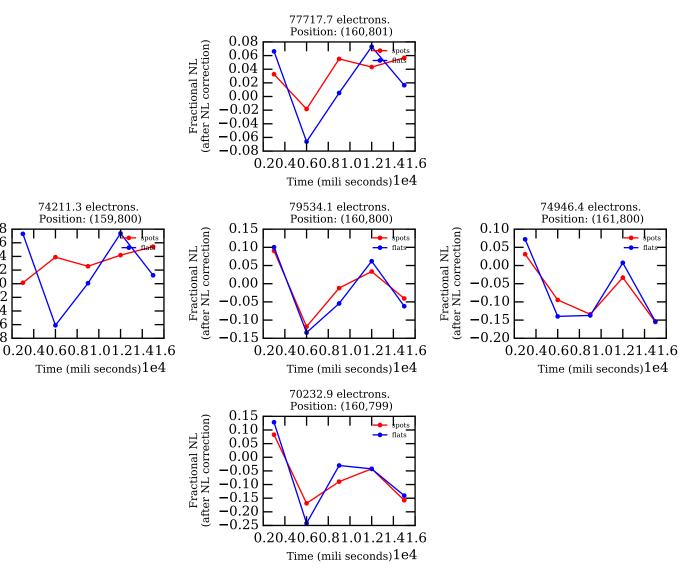












0.06

0.04

 $0.02 \\ 0.00$ 

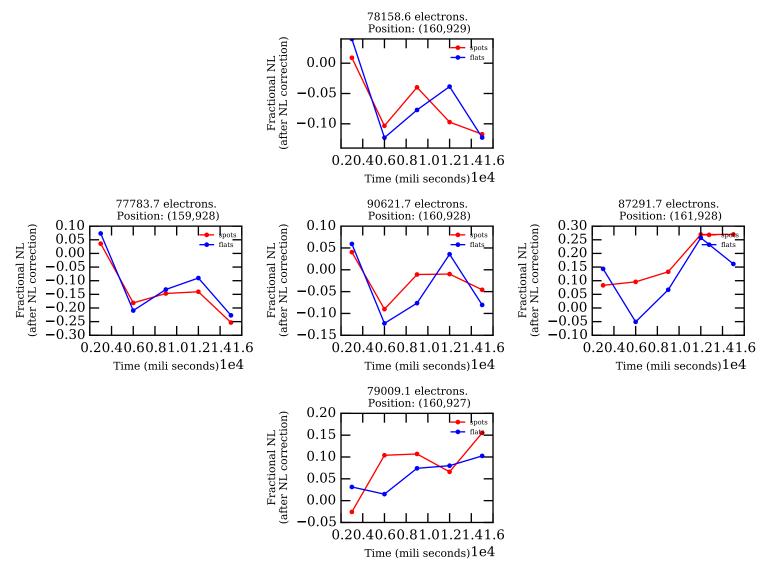
-0.02

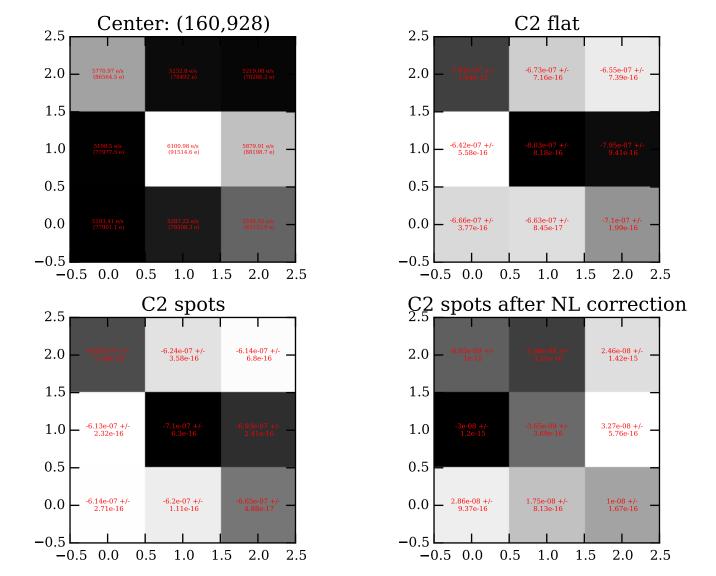
-0.04

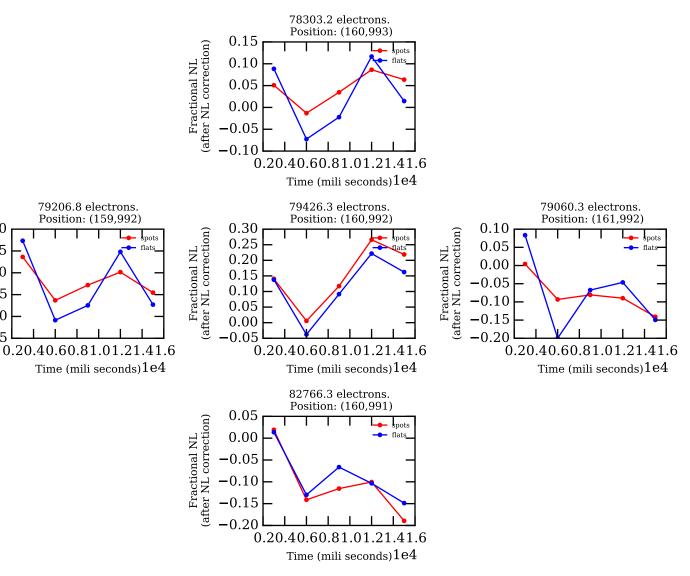
-0.06

-0.08

(after NL correction)







0.05

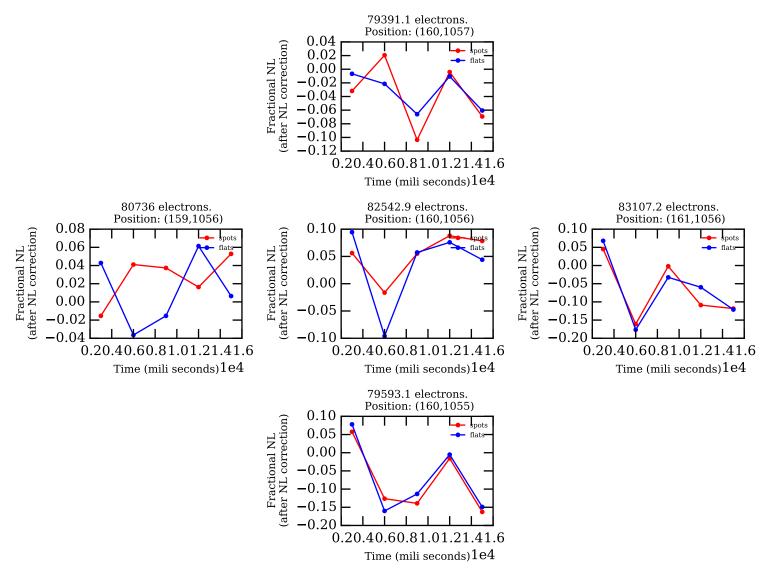
0.00

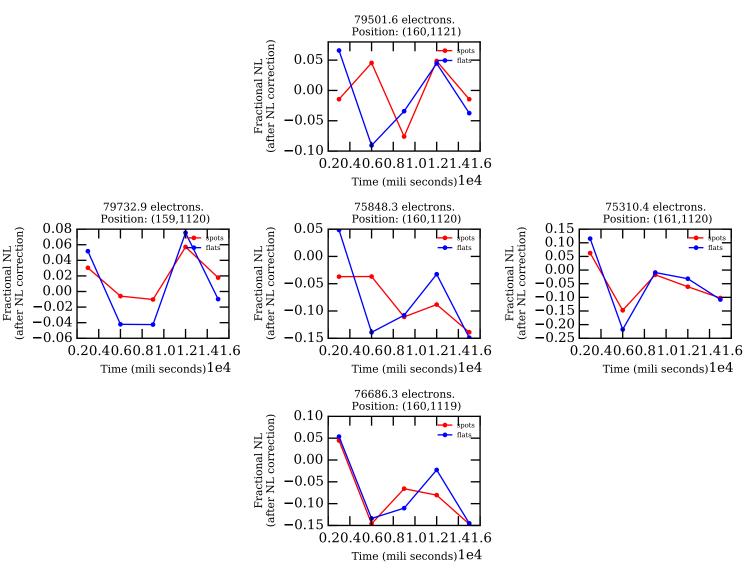
-0.05

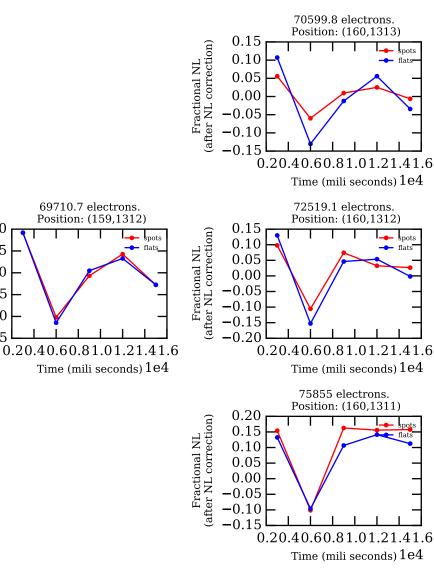
-0.10

-0.15

(after NL correction)







69710.7 electrons.

Position: (159,1312)

0.10

0.05

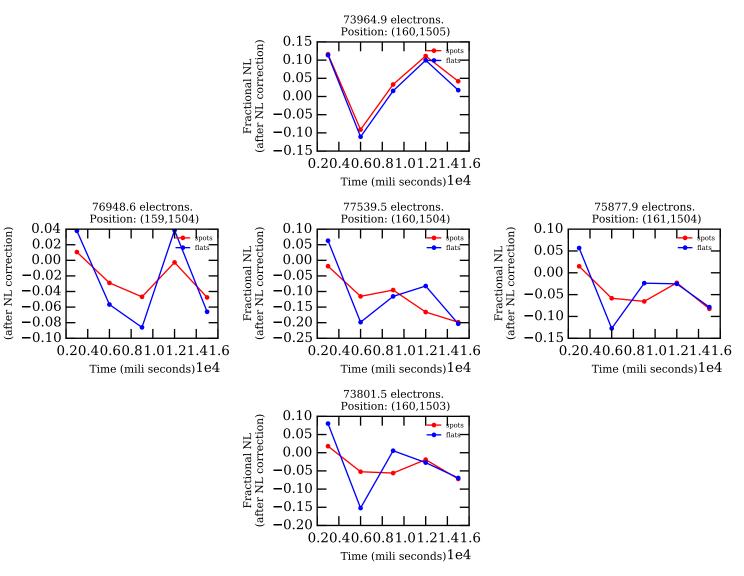
0.00

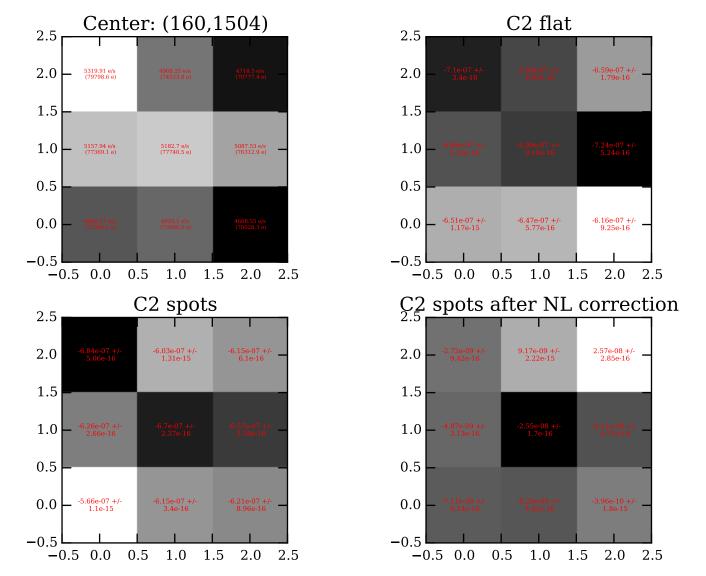
-0.05

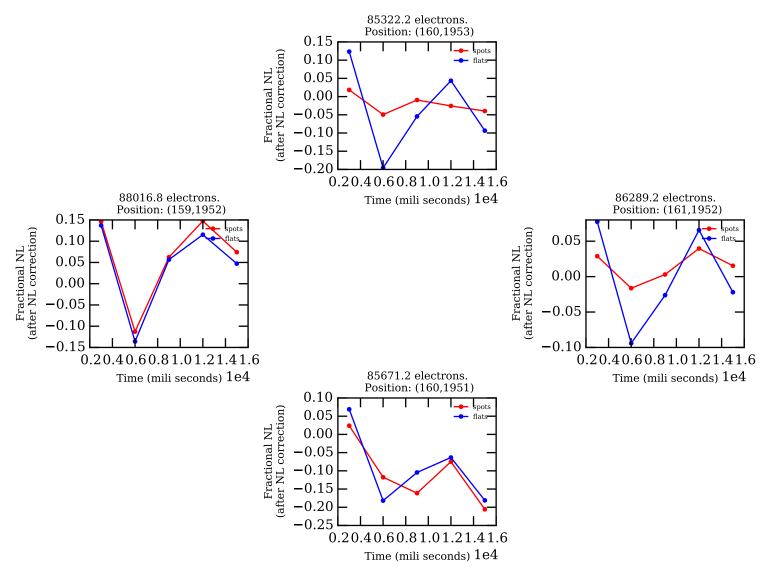
-0.10

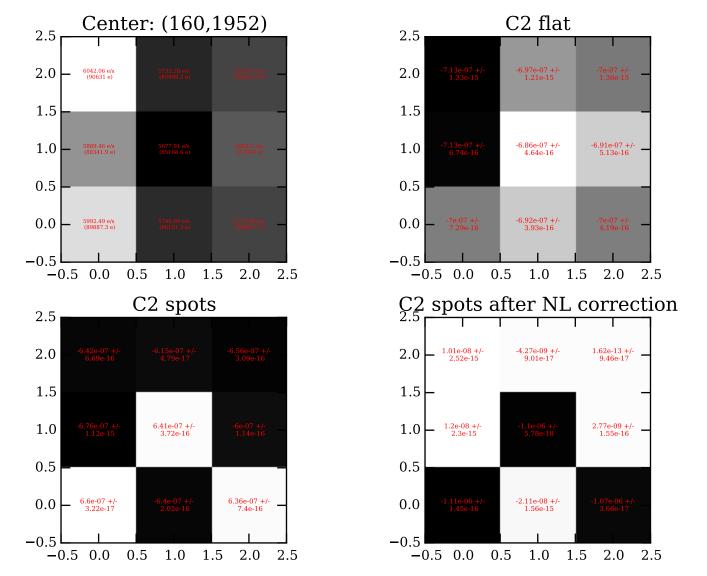
-0.15

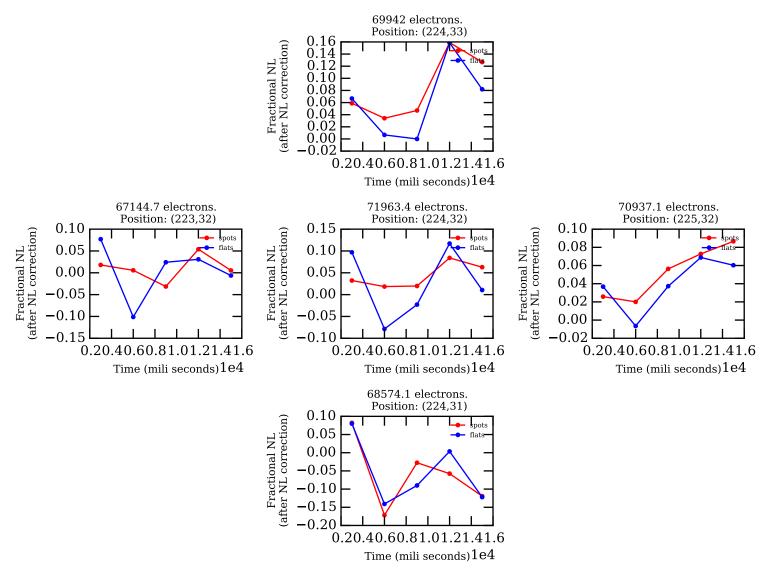
(after NL correction)

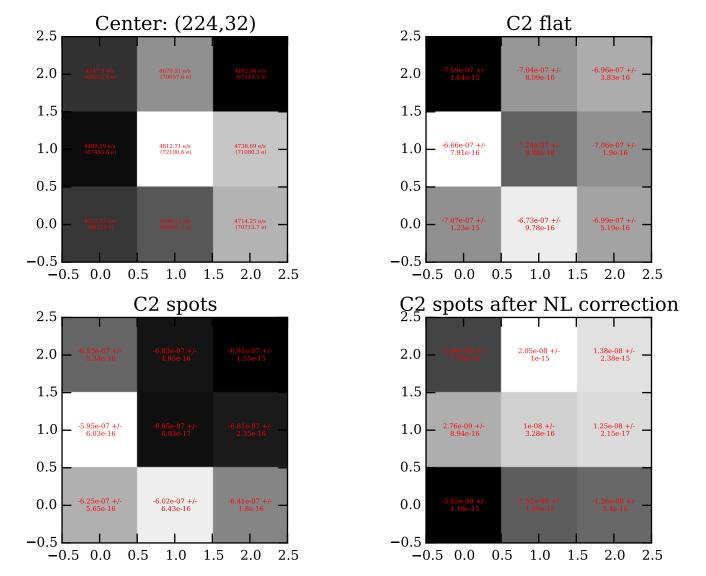


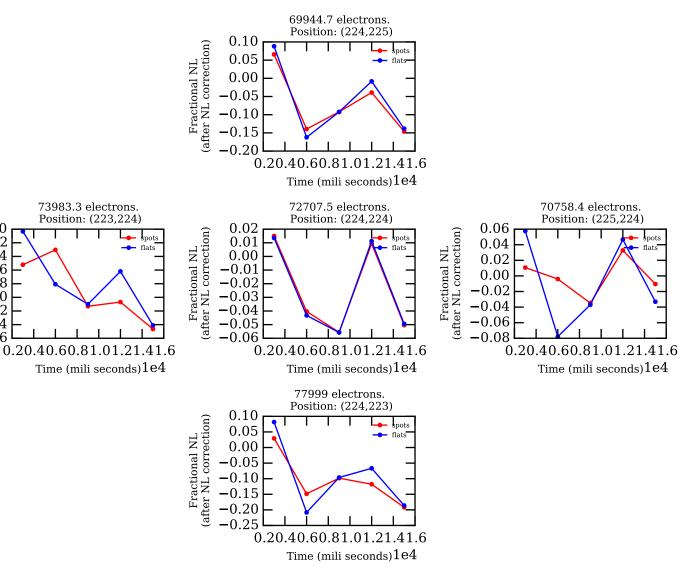












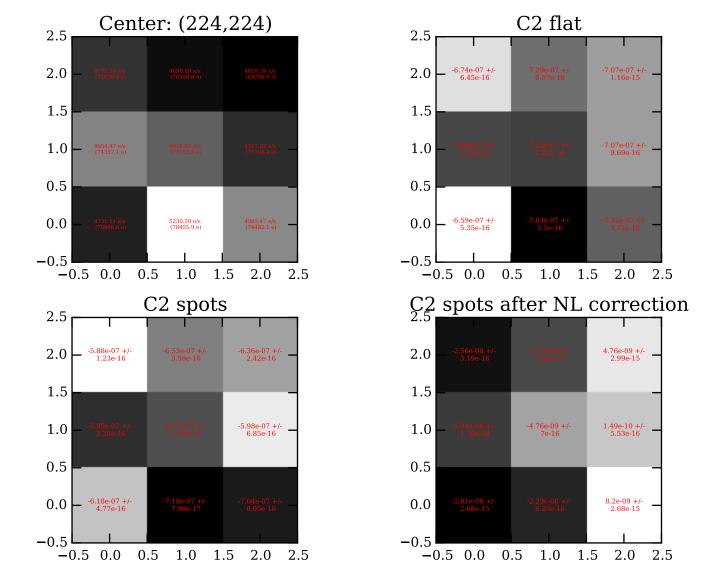
-0.02

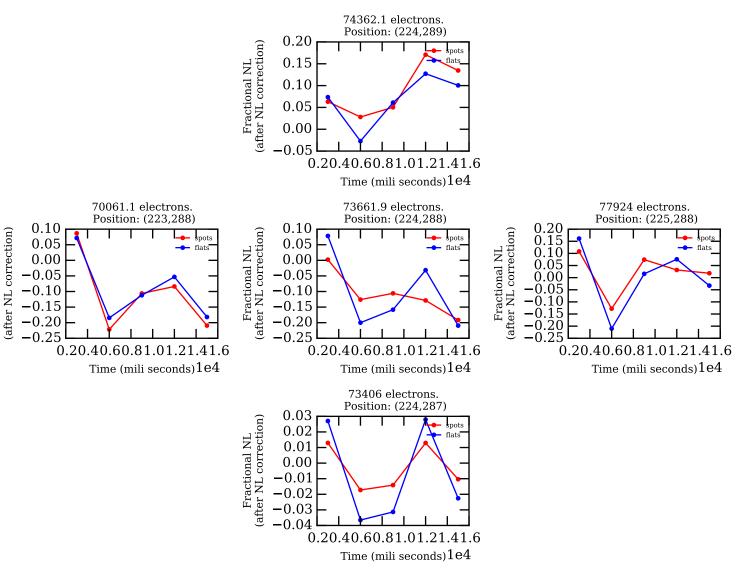
-0.04

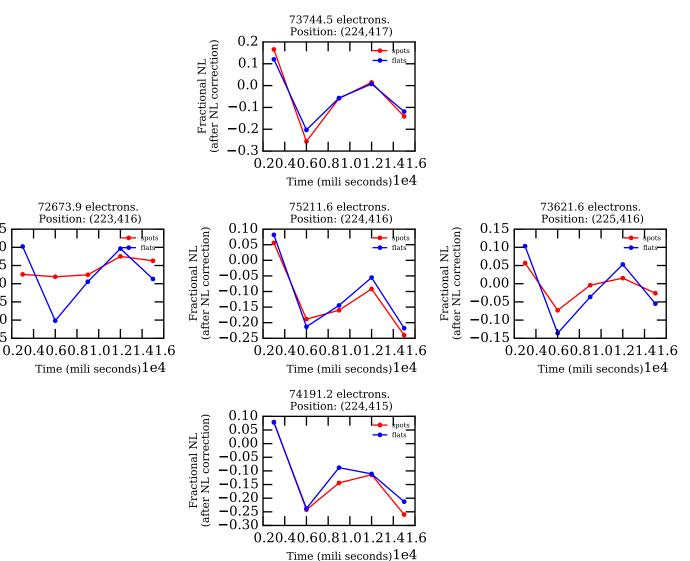
-0.06

-0.14

(after NL correction)







72673.9 electrons. Position: (223,416)

0.15

0.10

0.05

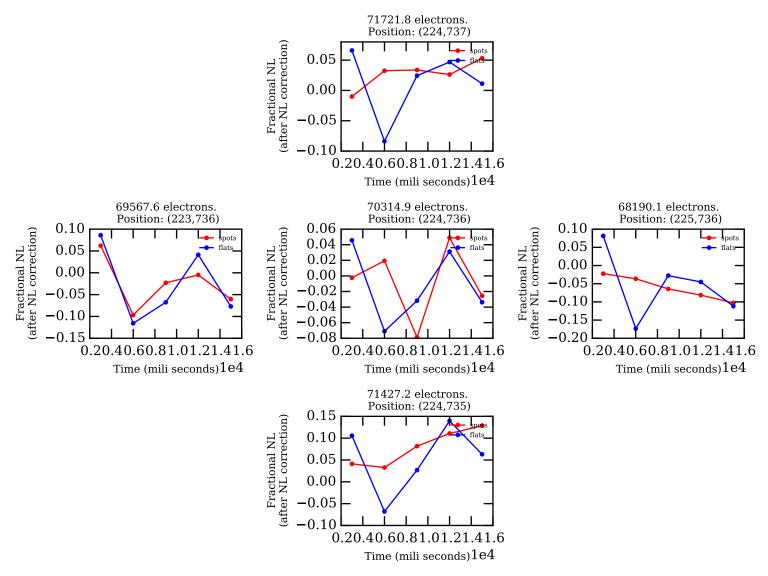
0.00

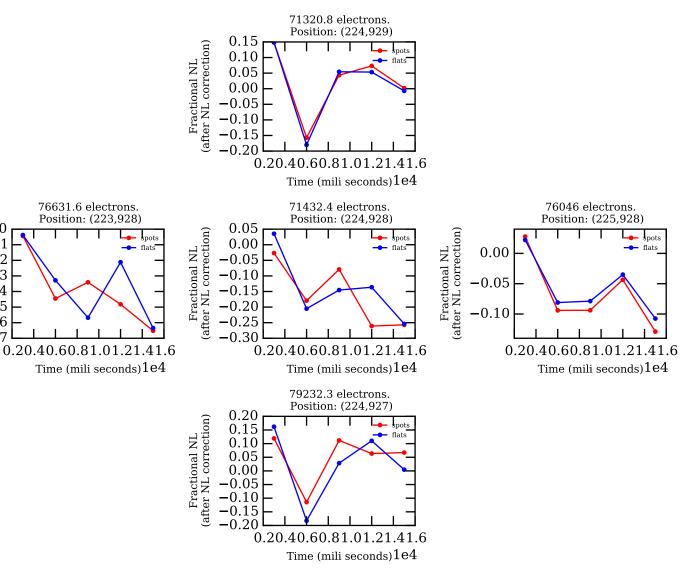
-0.05

-0.10

-0.15

(after NL correction)





-0.01

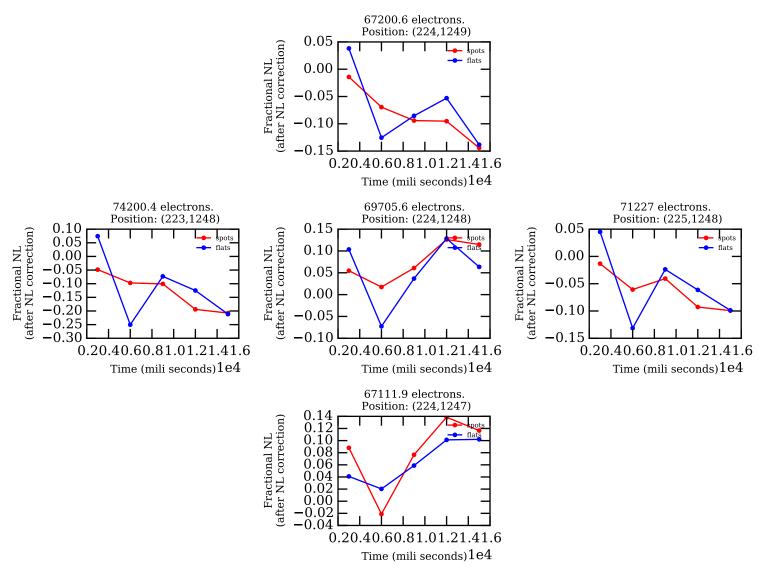
-0.02 -0.03

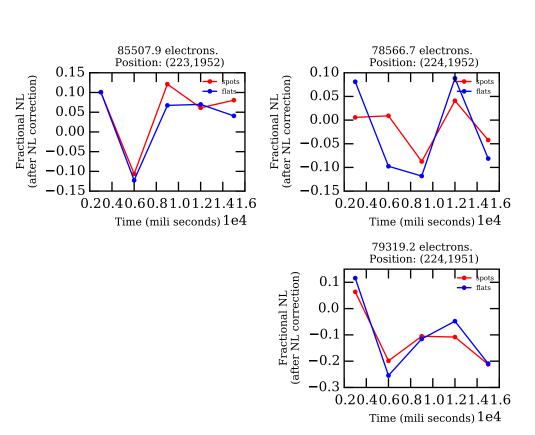
-0.04 -0.05

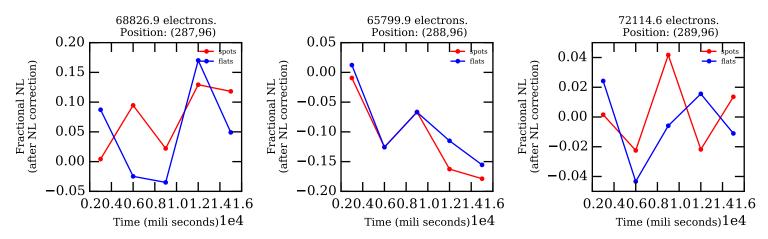
-0.06

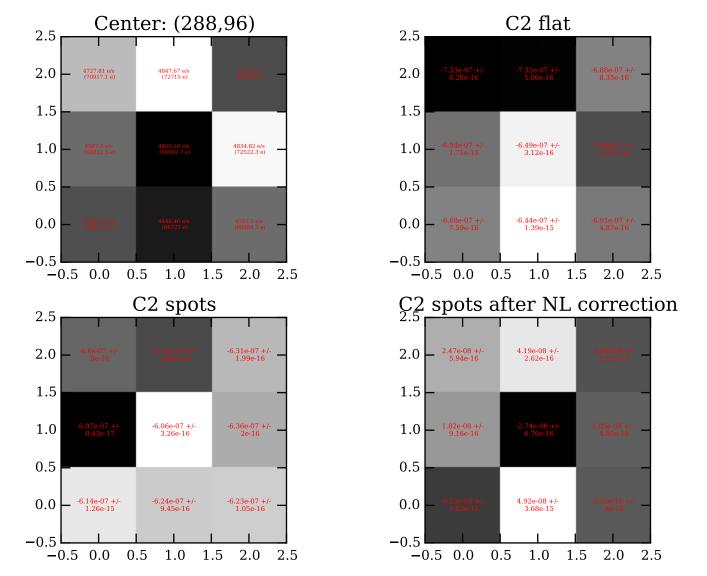
-0.07

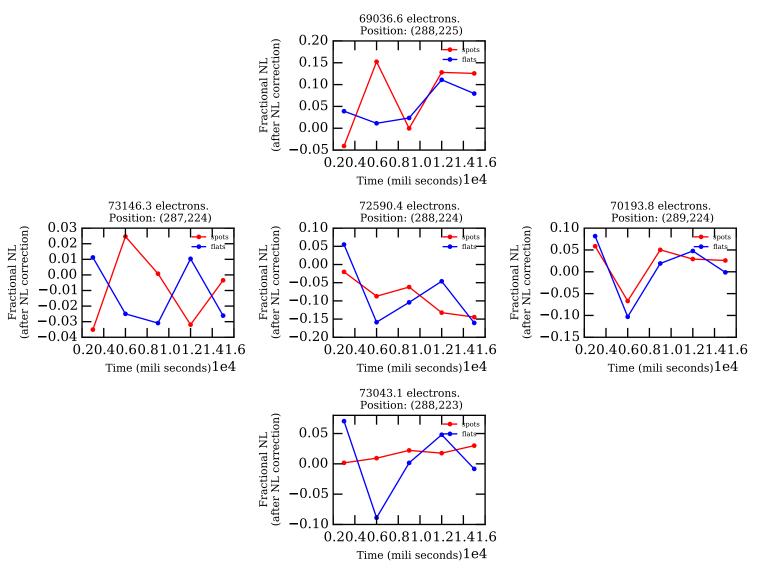
(after NL correction)

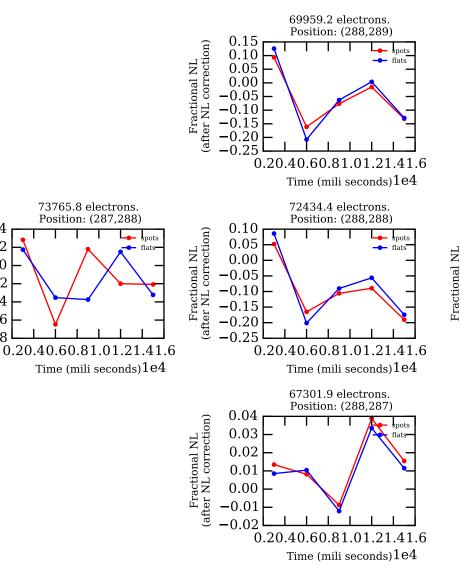












73247 electrons.

0.14

0.12

0.10

0.08

0.06

0.04

0.02

0.00

(after NL correction)

Position: (289,288)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

73765.8 electrons.

Position: (287,288)

0.04

0.02

0.00

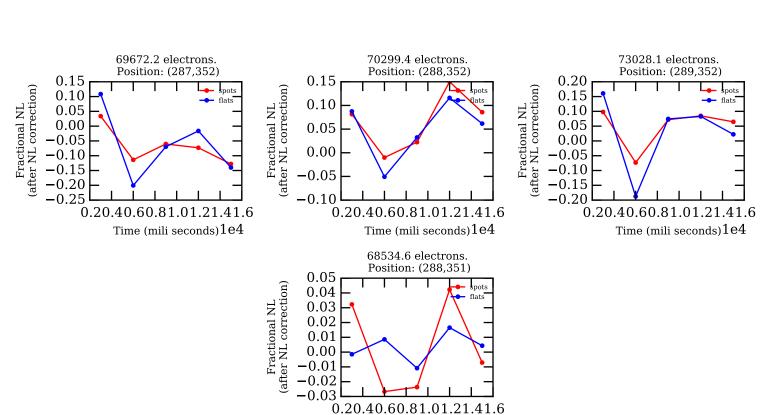
-0.02

-0.04

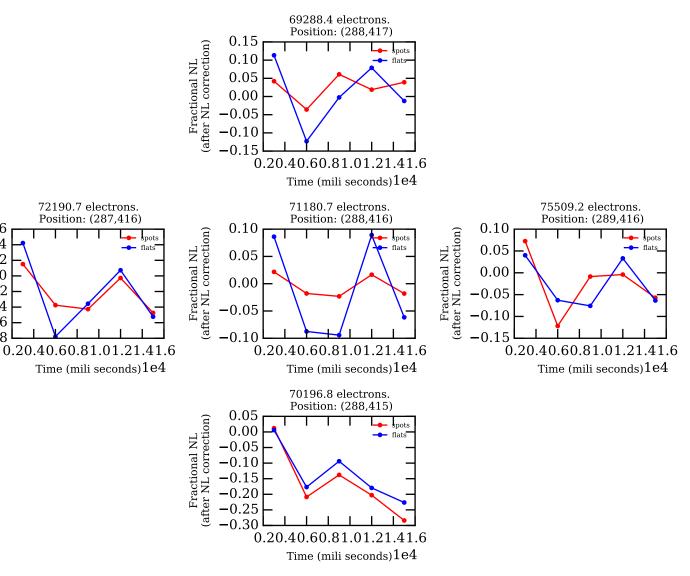
-0.06

-0.08

(after NL correction)



Time (mili seconds) 1e4



0.04

0.02

0.00

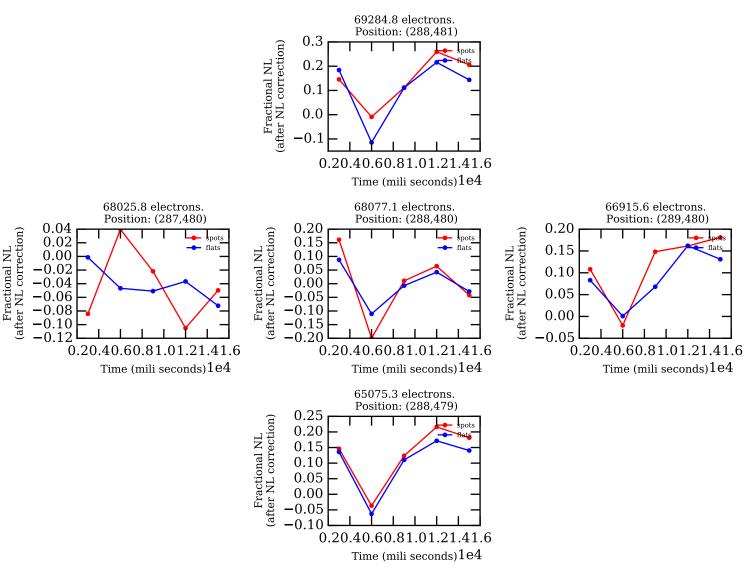
-0.02

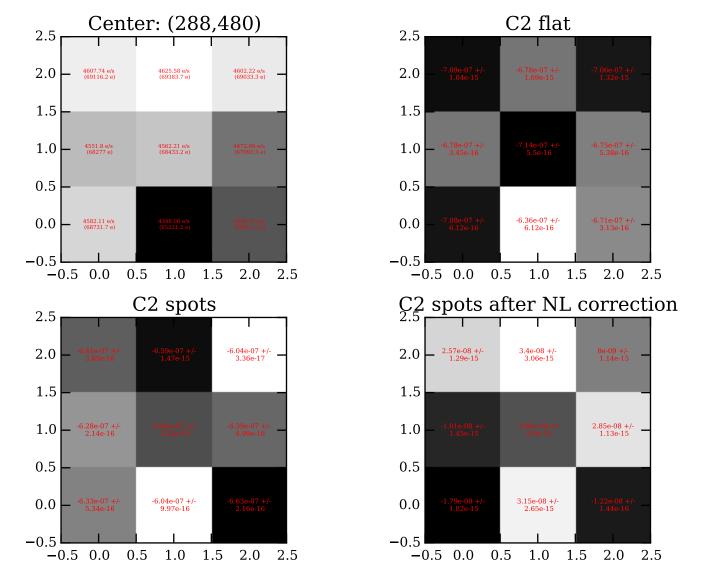
-0.04

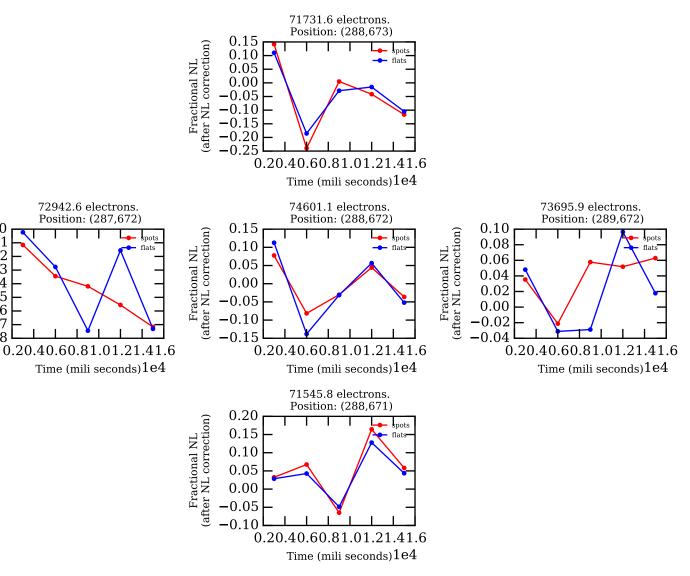
-0.06

-0.08

(after NL correction)







-0.01

-0.02

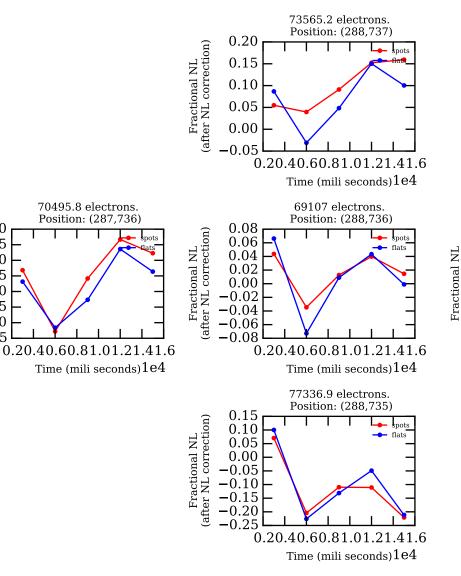
-0.03

-0.06

-0.07

-0.08

(after NL correction)



70098.4 electrons.

Position: (289,736)

0.20.40.60.81.01.21.41.6

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

0.16

0.14

0.12

0.10

0.08

0.06

0.04 0.02

(after NL correction)

70495.8 electrons.

0.30

0.25

0.20

0.15

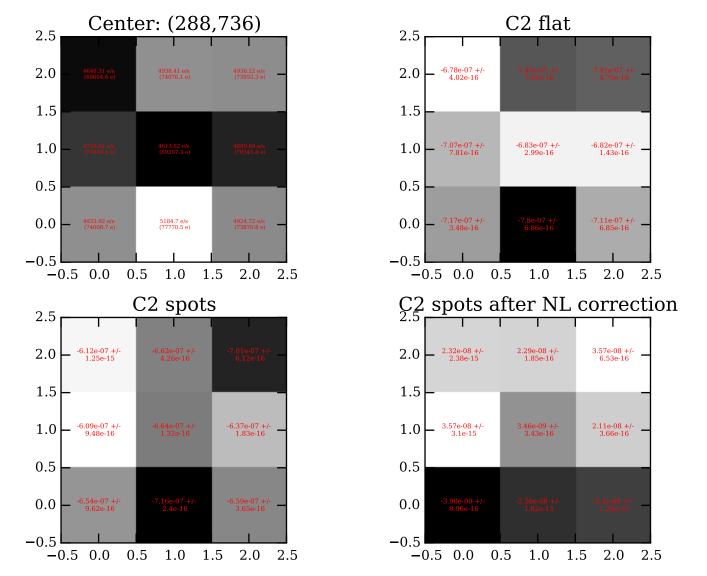
0.10

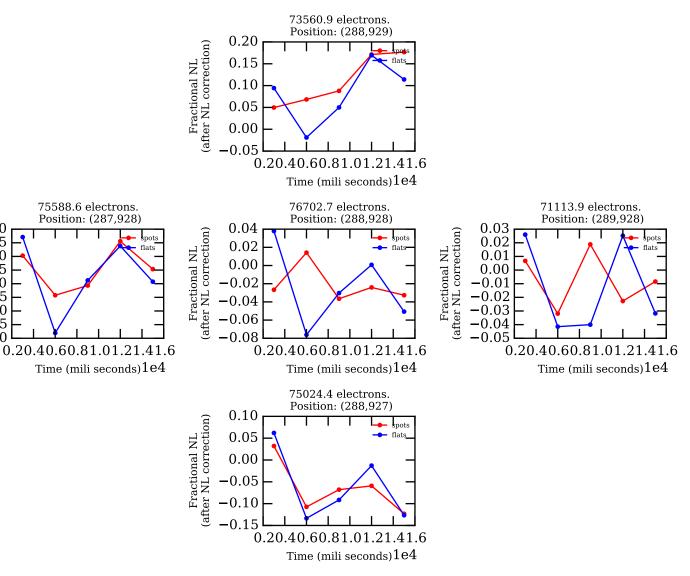
0.05

0.00

-0.05

(after NL correction)





0.15

0.10

0.05

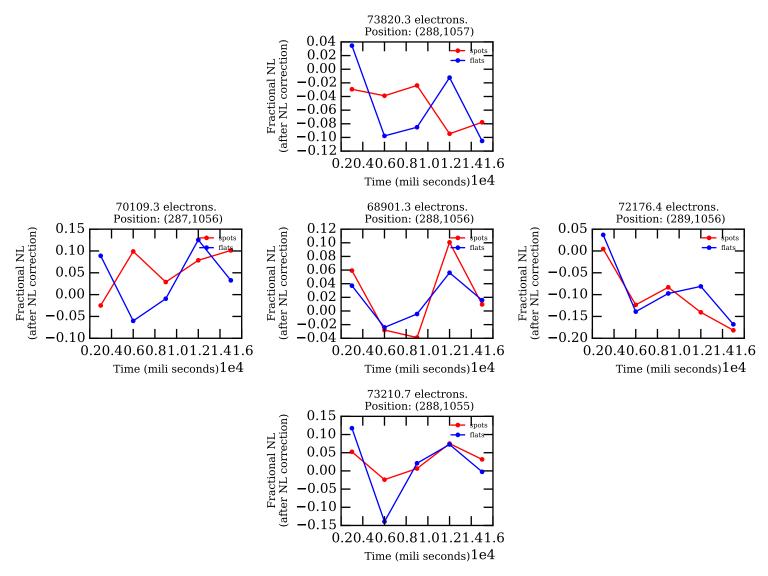
0.00

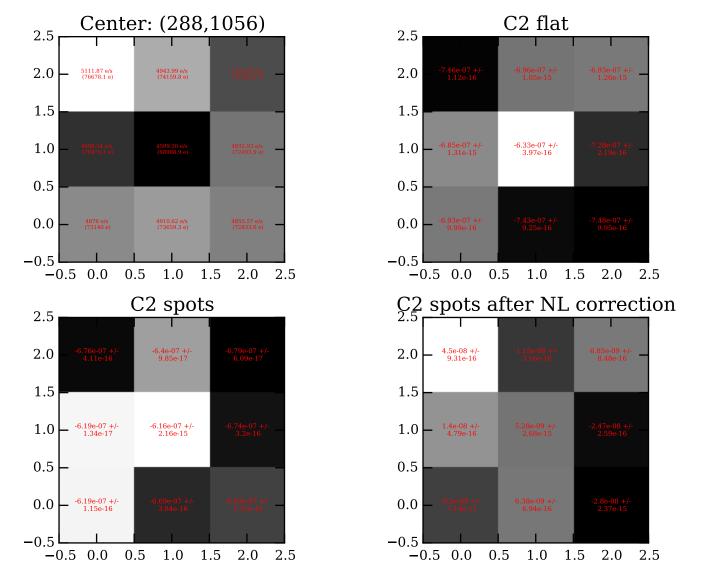
-0.05

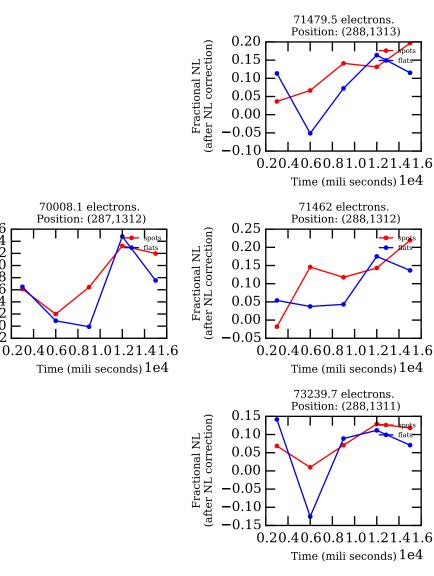
-0.15

-0.20

(after NL correction)







70008.1 electrons.

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

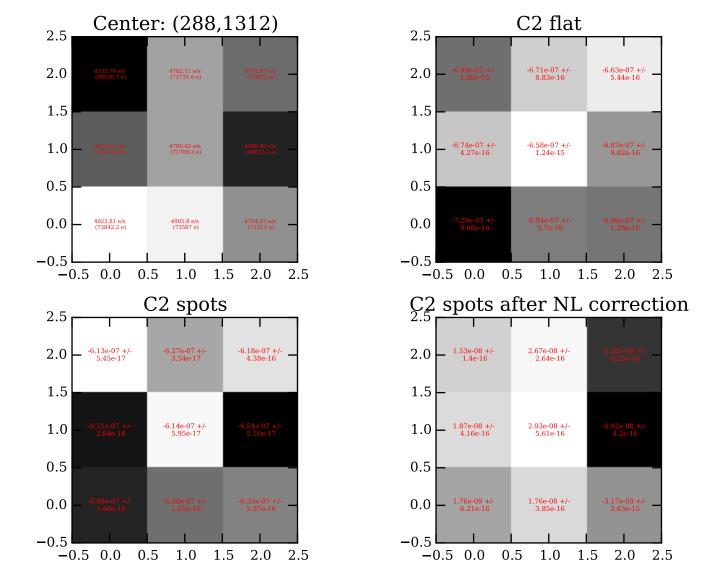
 $0.10 \\ 0.08 \\ 0.06$ 

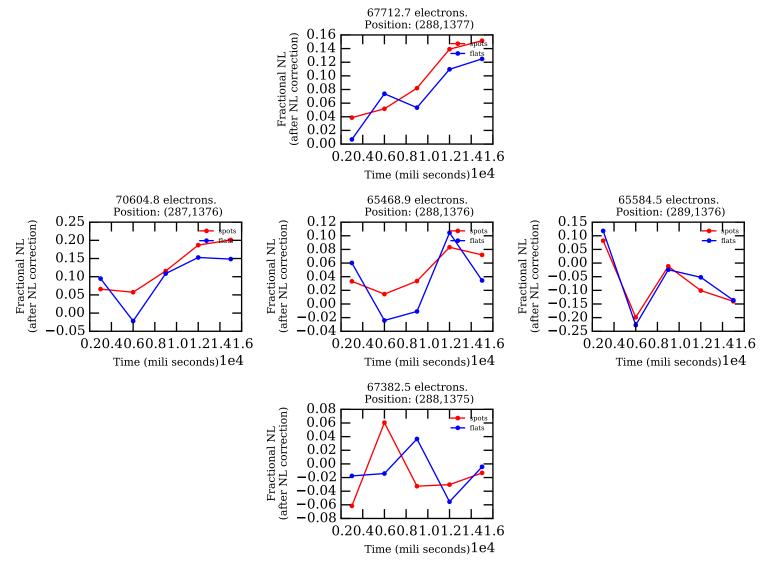
0.00

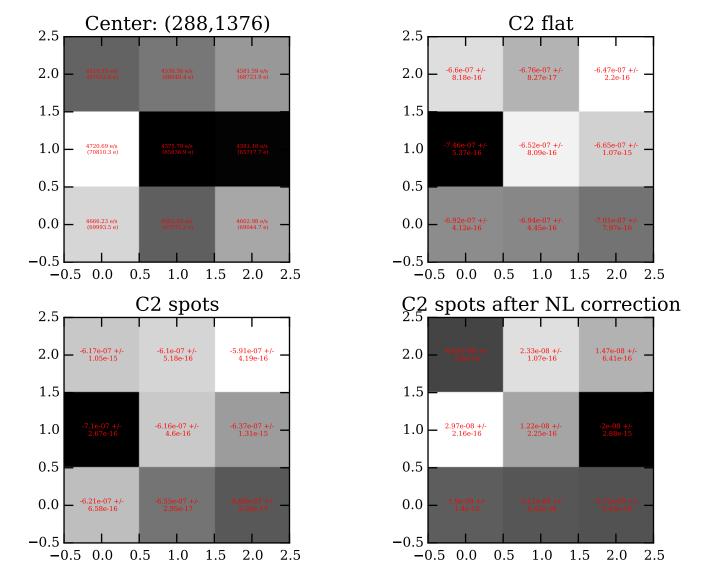
(after NL correction)

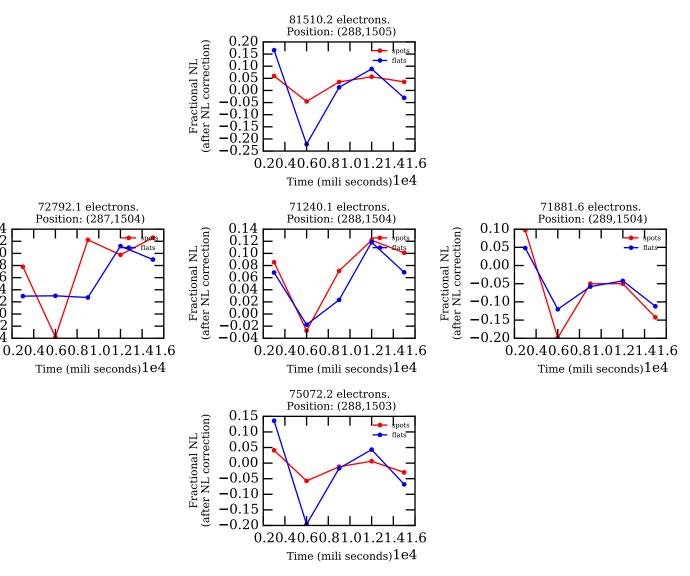
Fractional NL

Position: (287,1312)







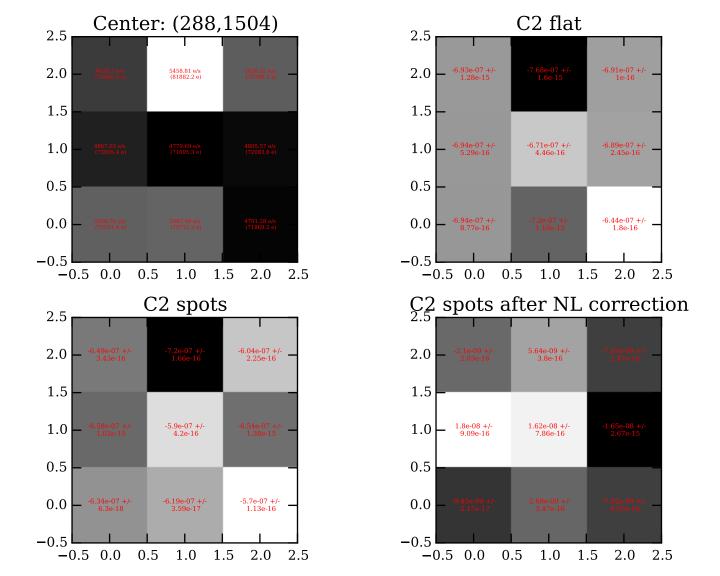


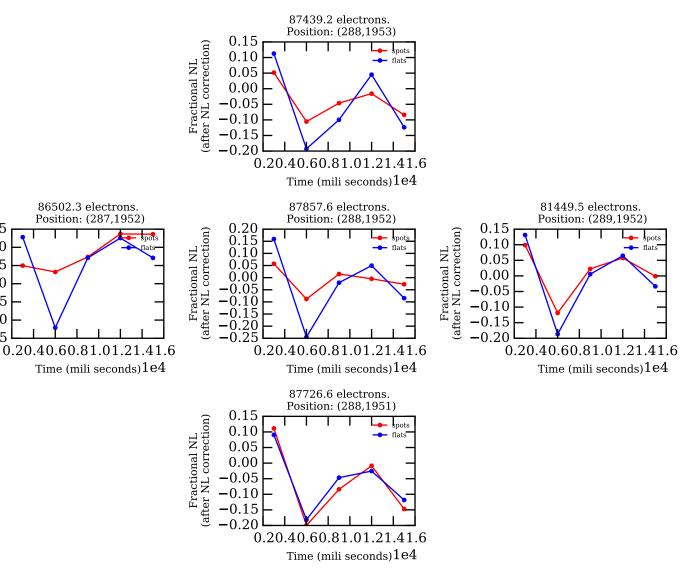
 $0.14 \\ 0.12$ 

0.06

0.00

(after NL correction)





0.10

0.05

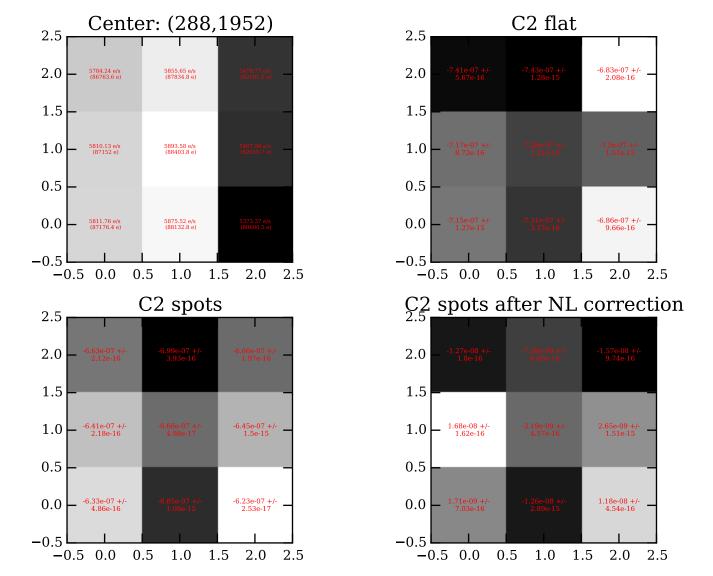
0.00

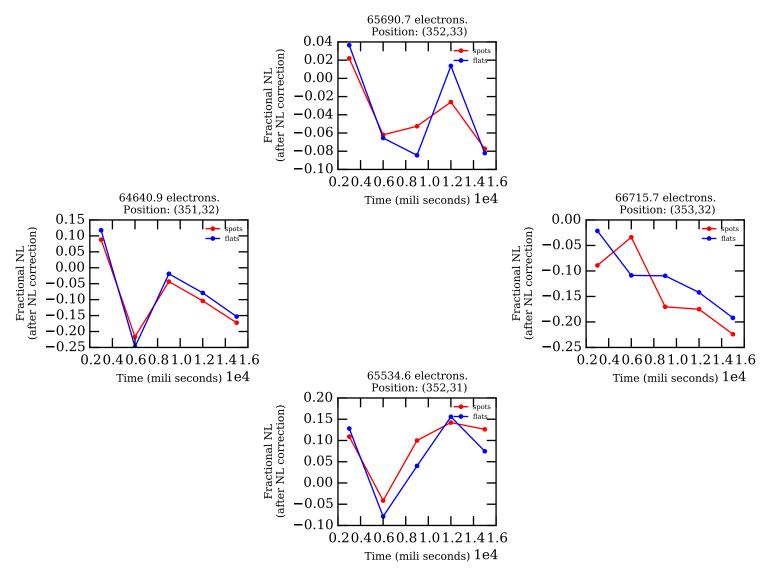
-0.05

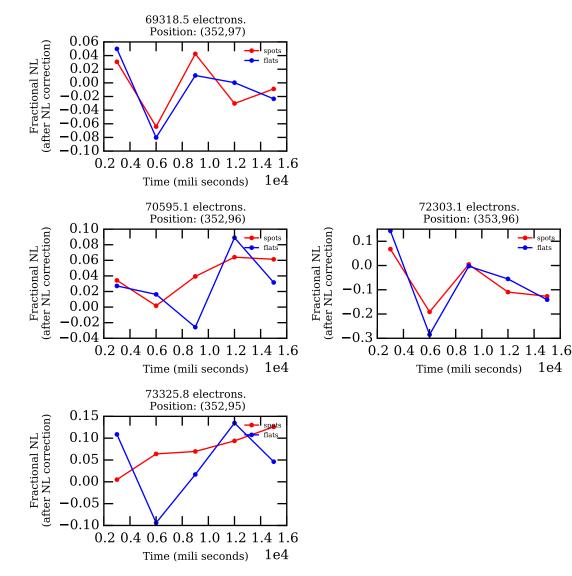
-0.10

-0.15

(after NL correction)

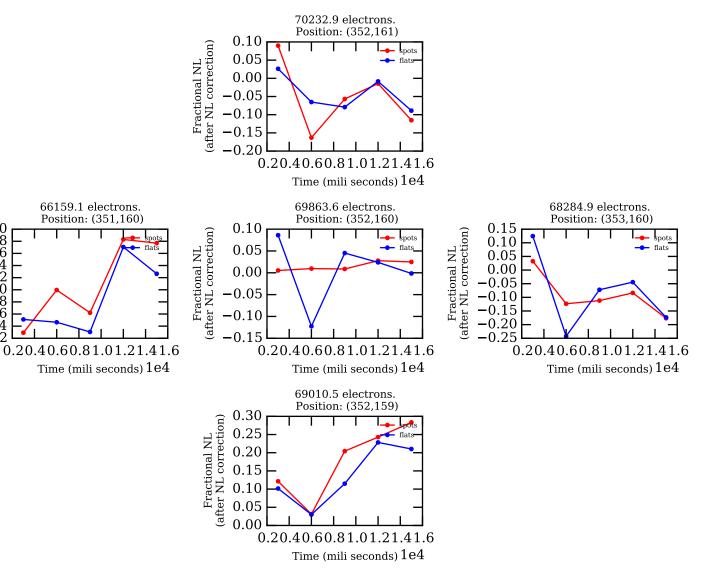






- flats

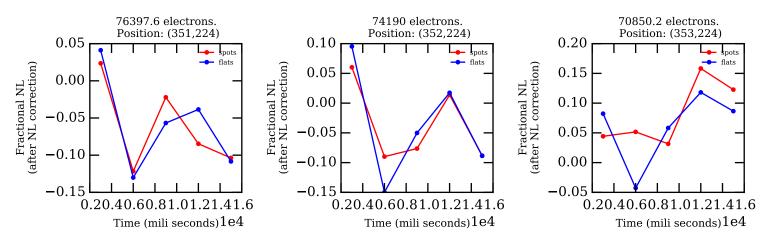
1e4

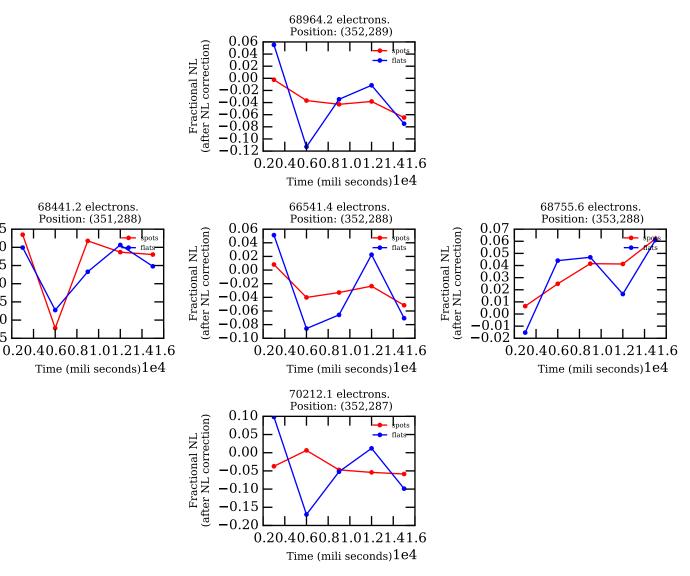


 $0.20 \\ 0.18 \\ 0.16$ 

0.10 0.14 0.12 0.10 0.08 0.06 0.04 0.02

(after NL correction)





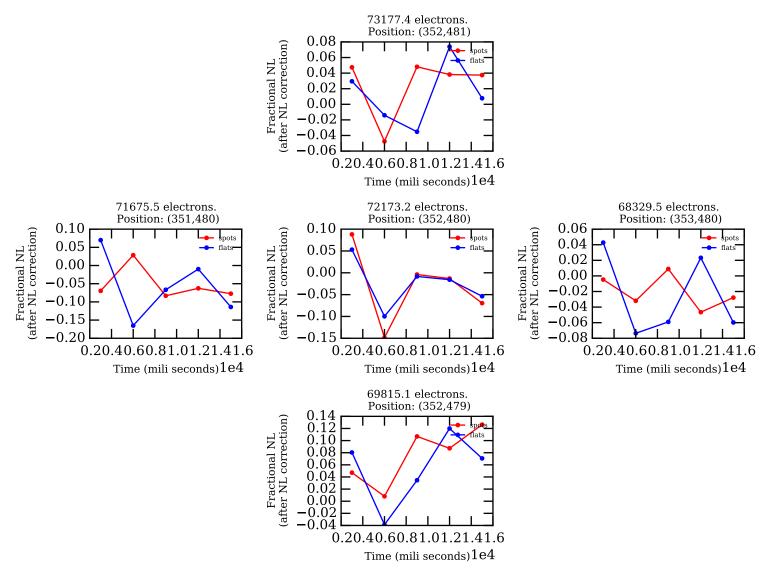
0.10

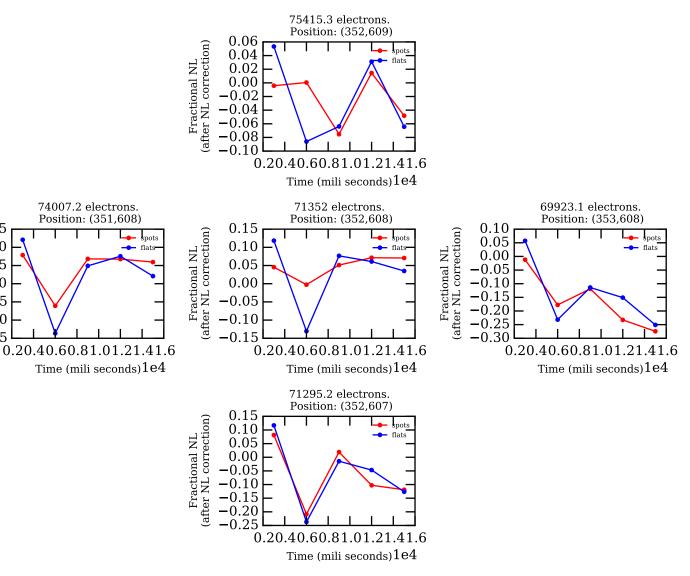
0.05

0.00 -0.05 -0.10

-0.15

(after NL correction)





0.10

0.05

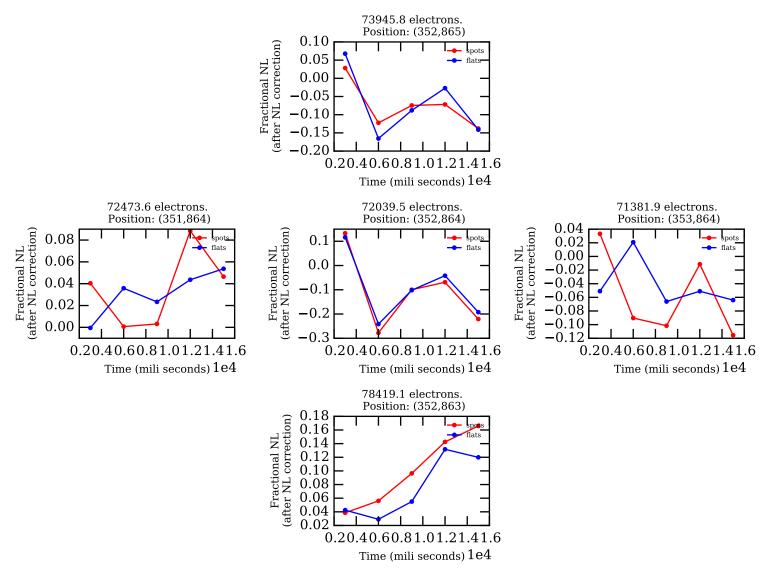
0.00

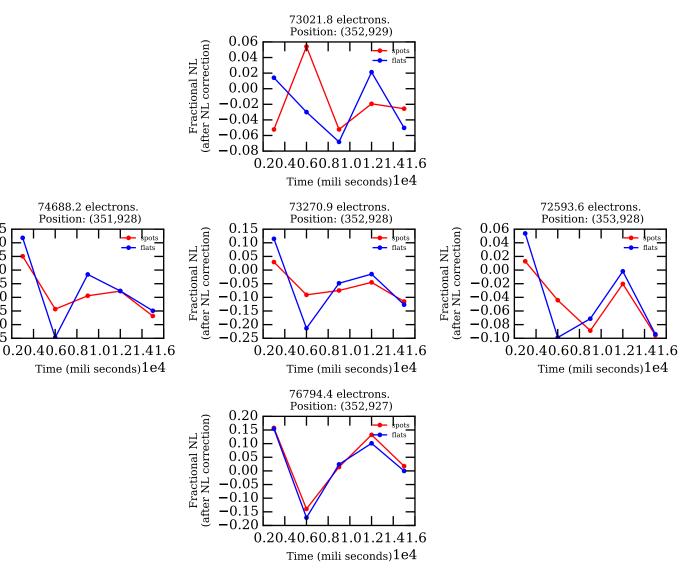
-0.05

-0.10

-0.15

(after NL correction)





0.10

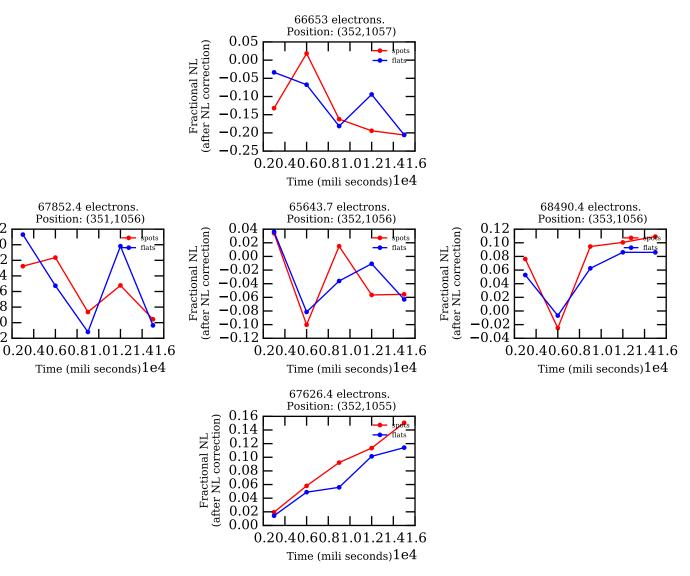
0.05

0.00

-0.05

-0.25

(after NL correction)



0.00

-0.02

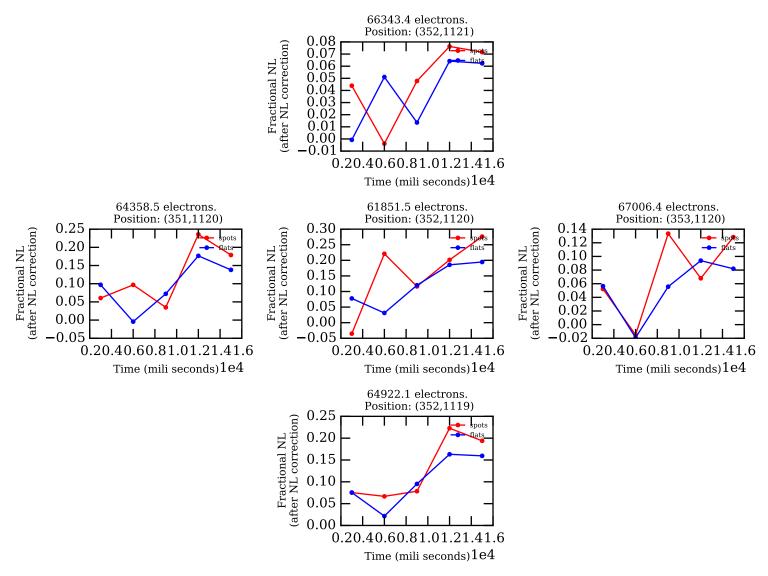
-0.04

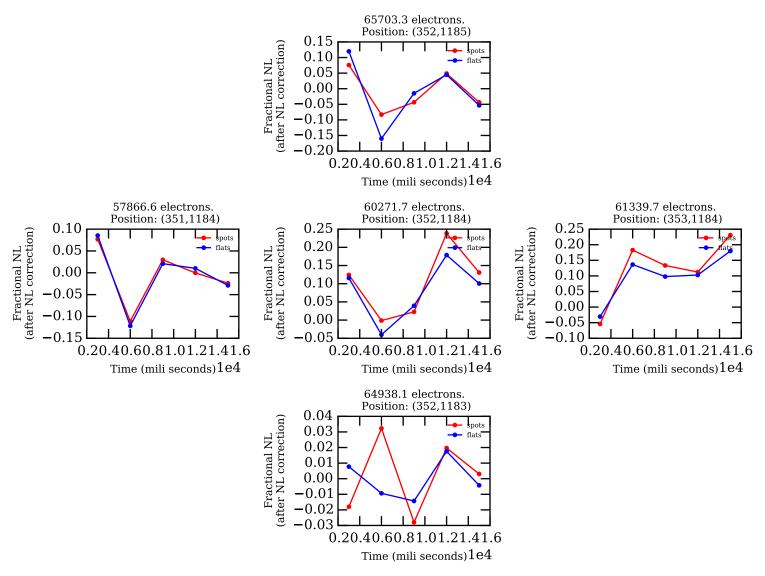
-0.06

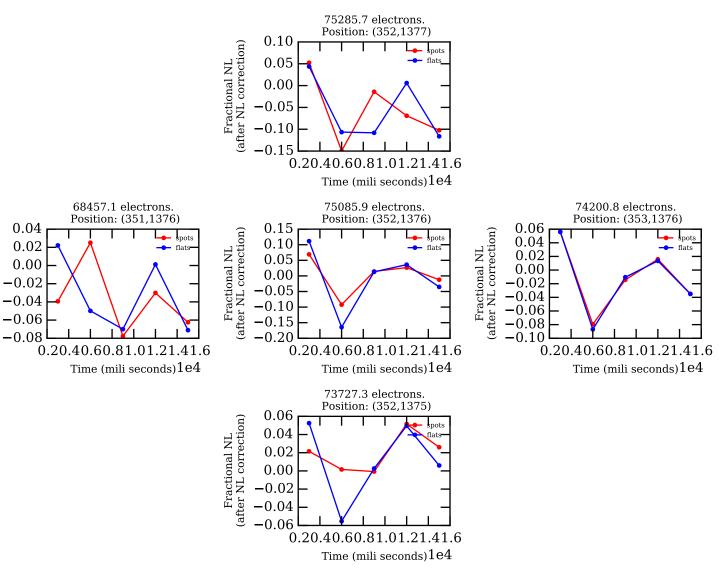
-0.08

-0.10

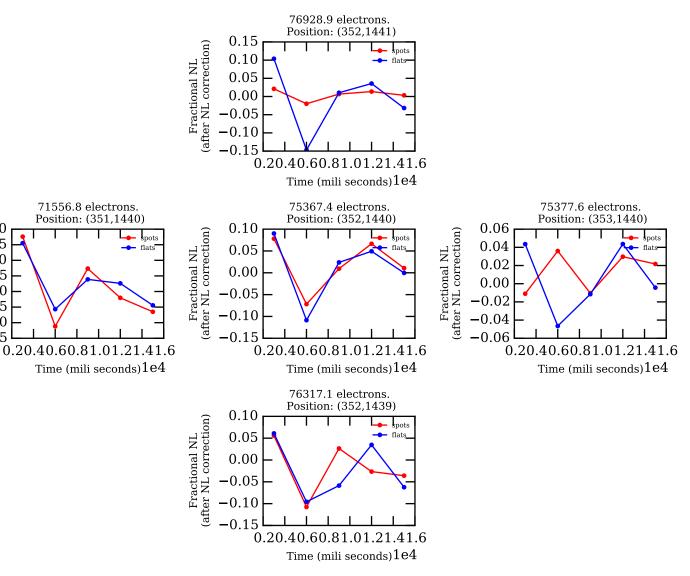
(after NL correction)







(after NL correction)



0.05

0.00

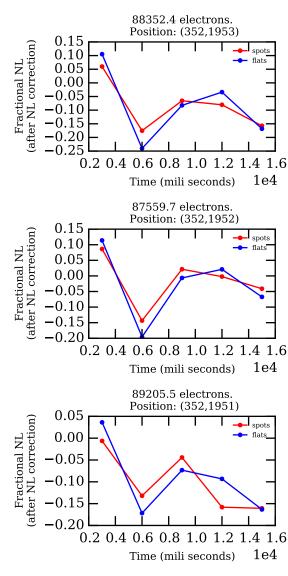
-0.05

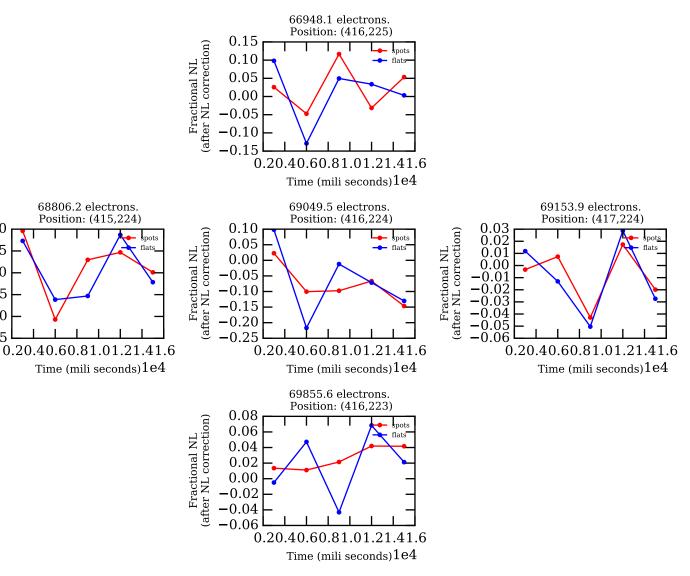
-0.10

-0.15

-0.20 -0.25

(after NL correction)





0.05

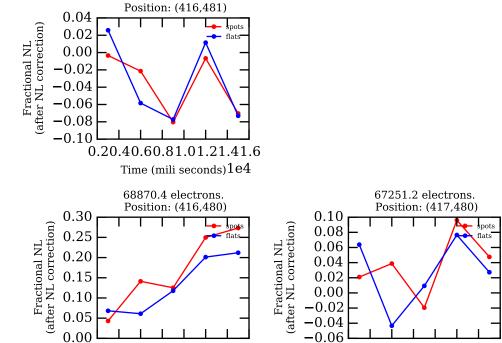
0.00

-0.05

-0.10

-0.15

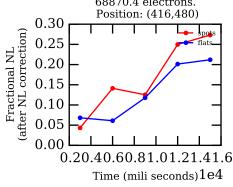
(after NL correction)



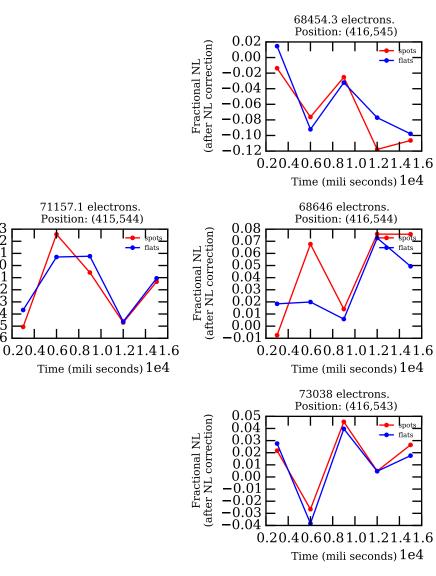
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

71751.2 electrons. Position: (415,480) 0.08 (after NL correction) pots 0.06 flats 0.04 Fractional NL 0.02 0.00 -0.02-0.04-0.06-0.080.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4



69601.7 electrons.

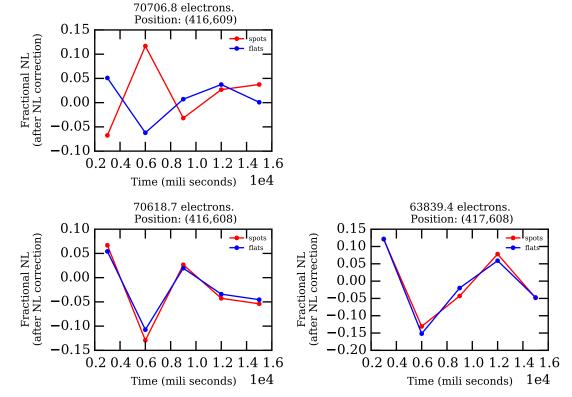


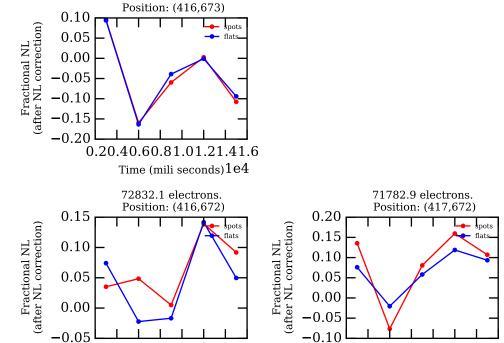
71157.1 electrons.

Position: (415,544)

 $0.03 \\ 0.02$ 

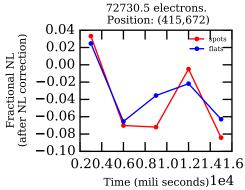
(after NL correction)

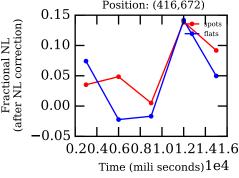




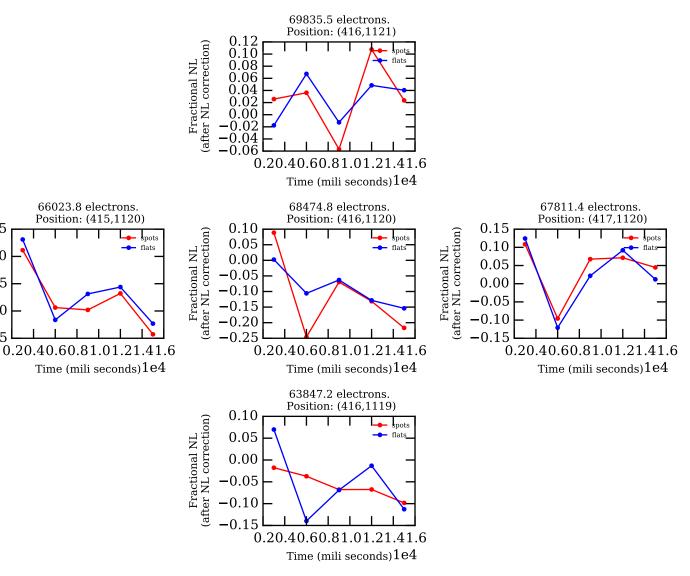
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





70513.6 electrons.



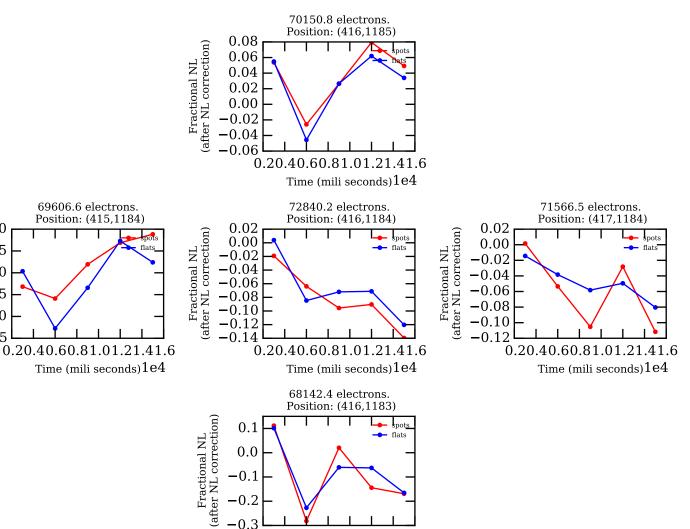
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

0.20

0.15

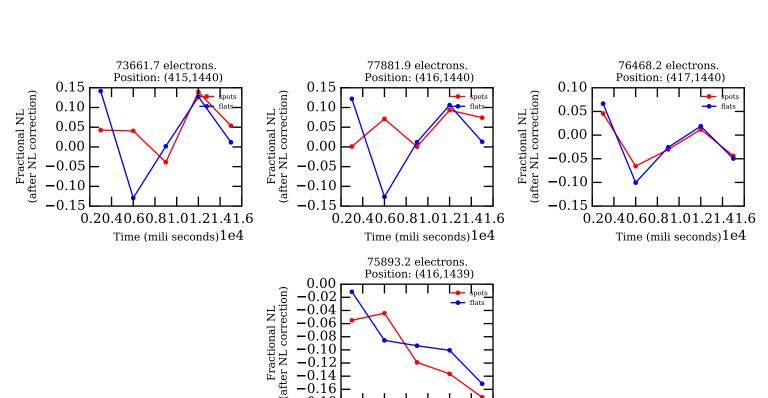
0.10

0.05

0.00

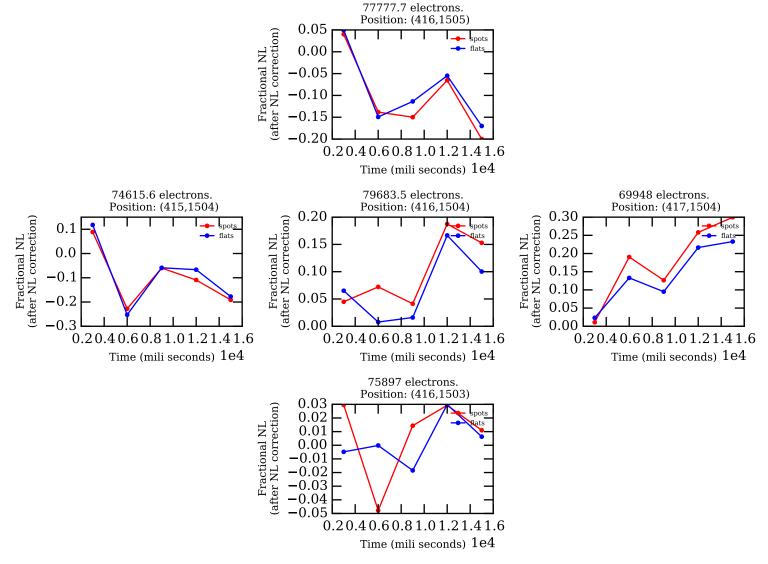
-0.05

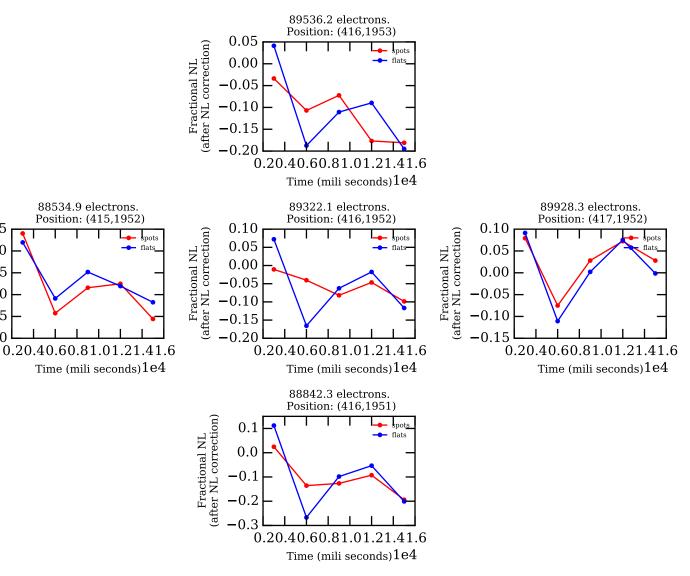
(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.18





0.00

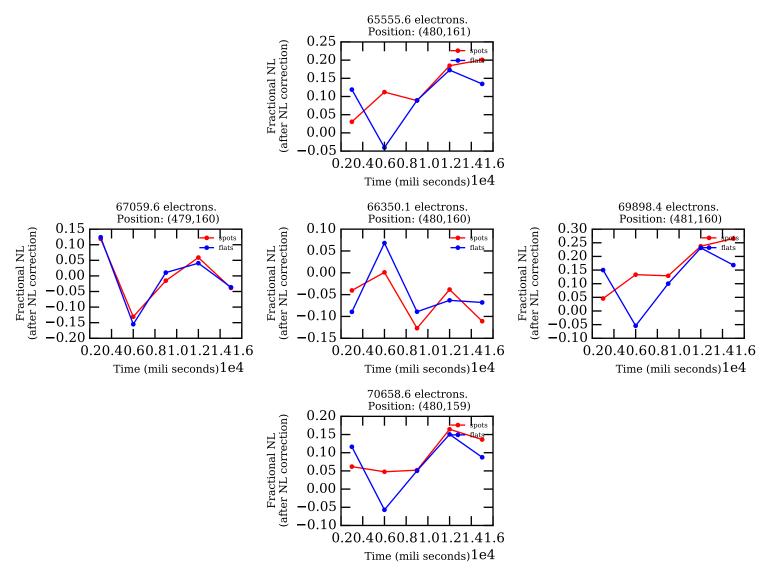
-0.05

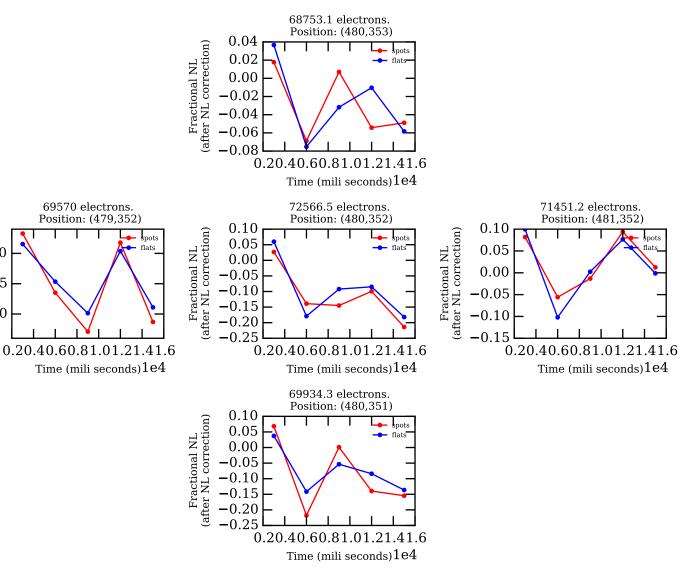
-0.10

-0.15

-0.20

(after NL correction)





69570 electrons.

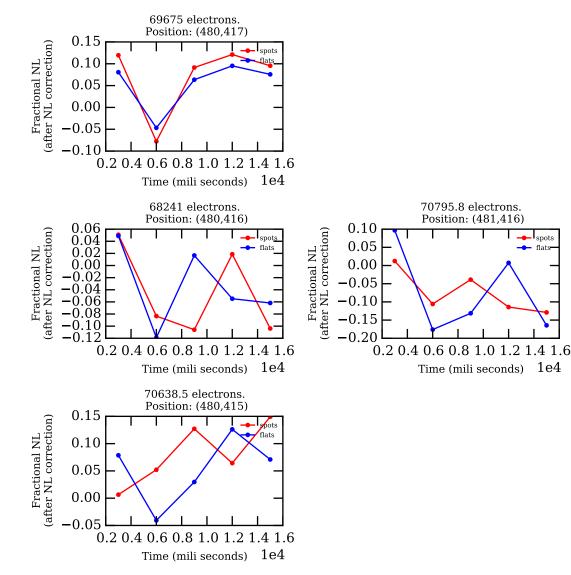
(after NL correction)

Fractional NL

0.00

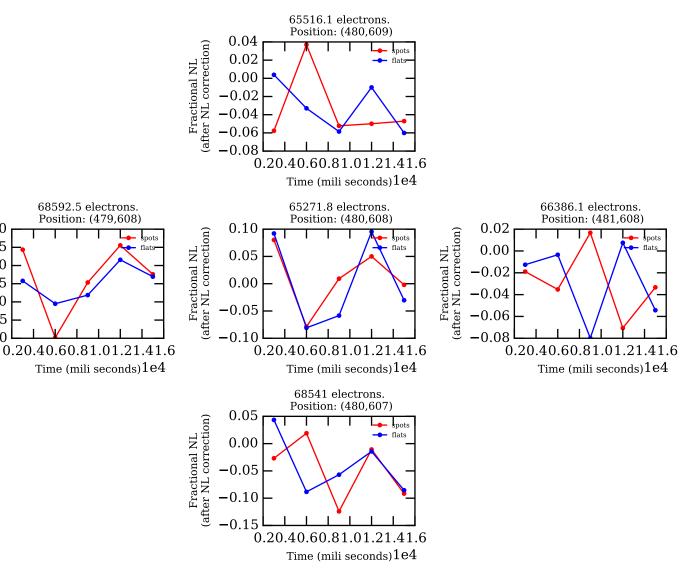
-0.05

-0.10



flats

1e4



0.15

0.10

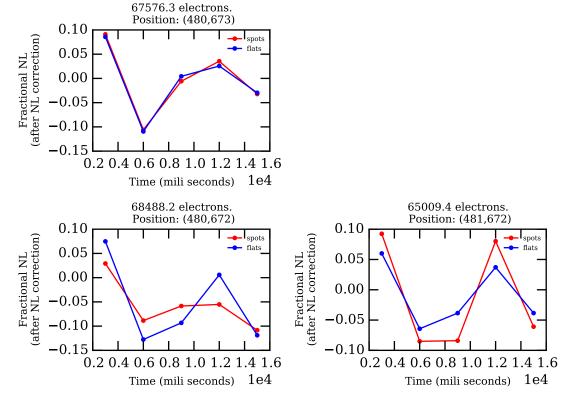
0.05

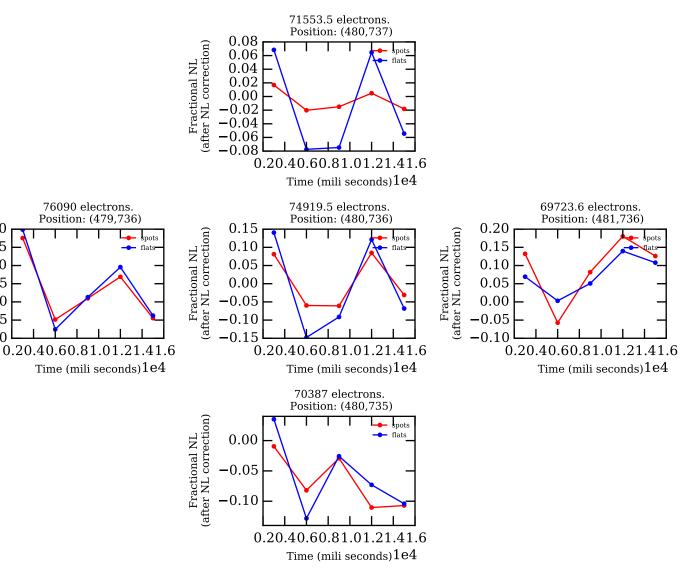
0.00

-0.05

-0.10

(after NL correction)





0.05

0.00

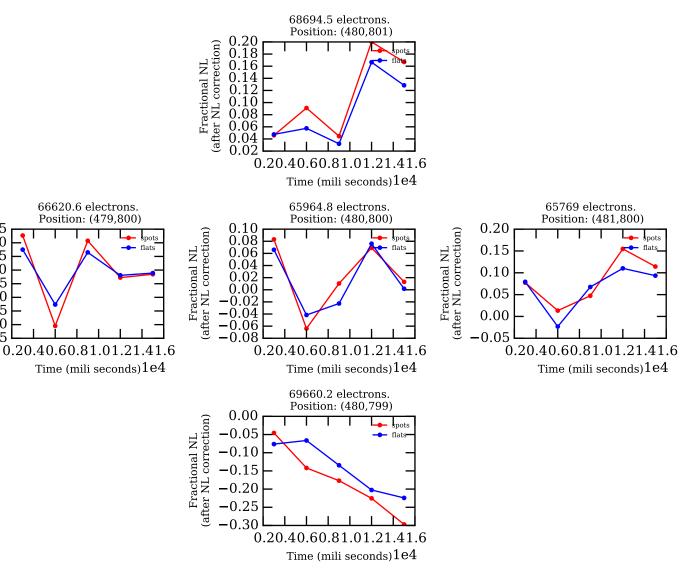
-0.05

-0.10

-0.15

-0.20

(after NL correction)



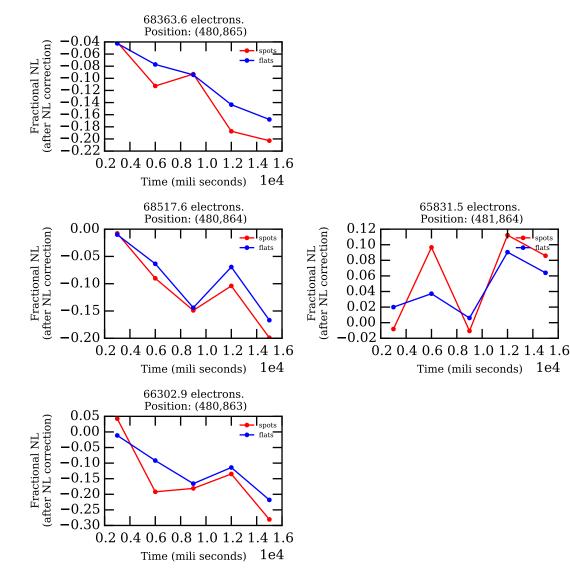
0.10

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

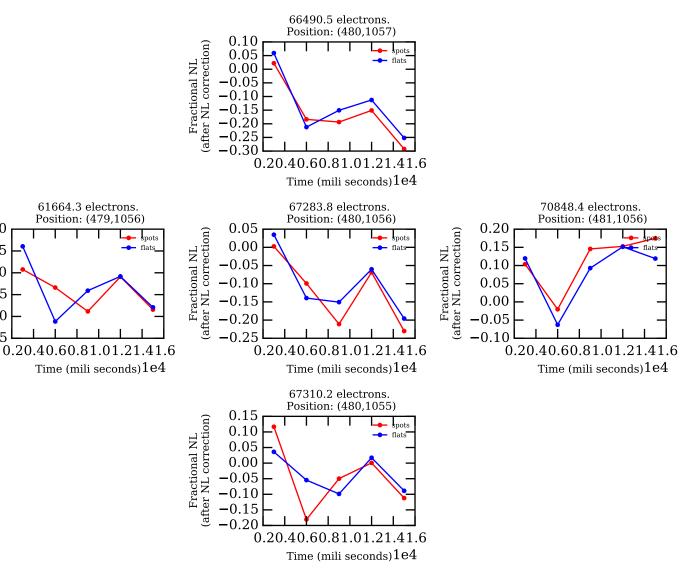
-0.05

-0.25

(after NL correction)



1e4



0.05

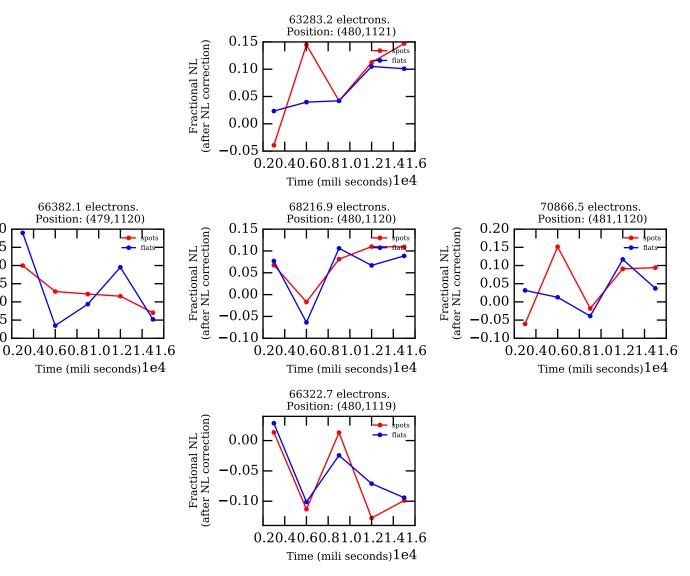
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

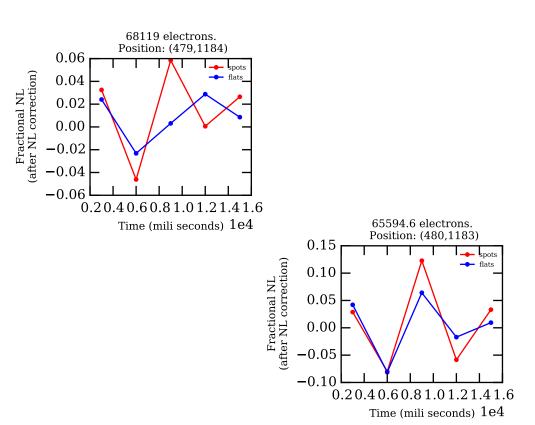
-0.05

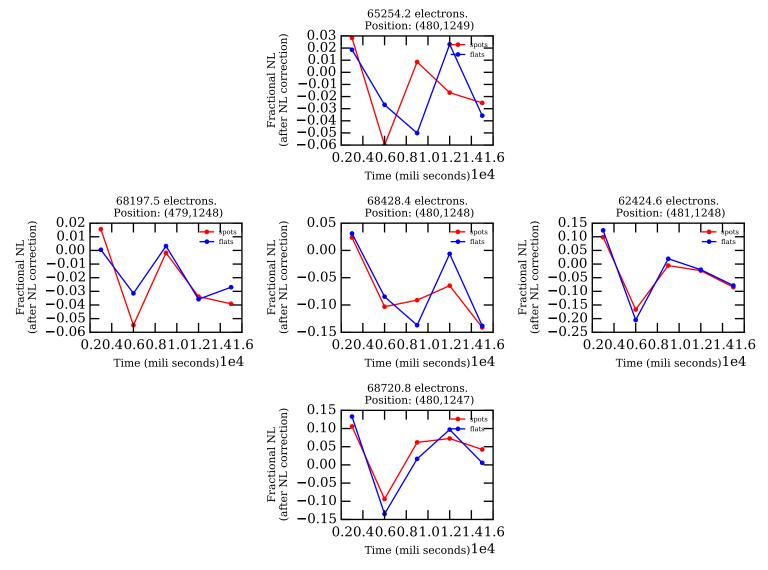
-0.10

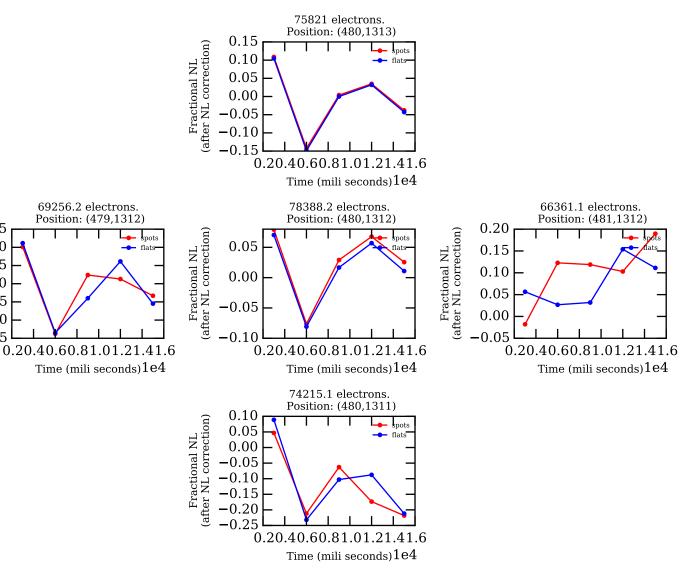
-0.15

-0.20

(after NL correction)







0.10

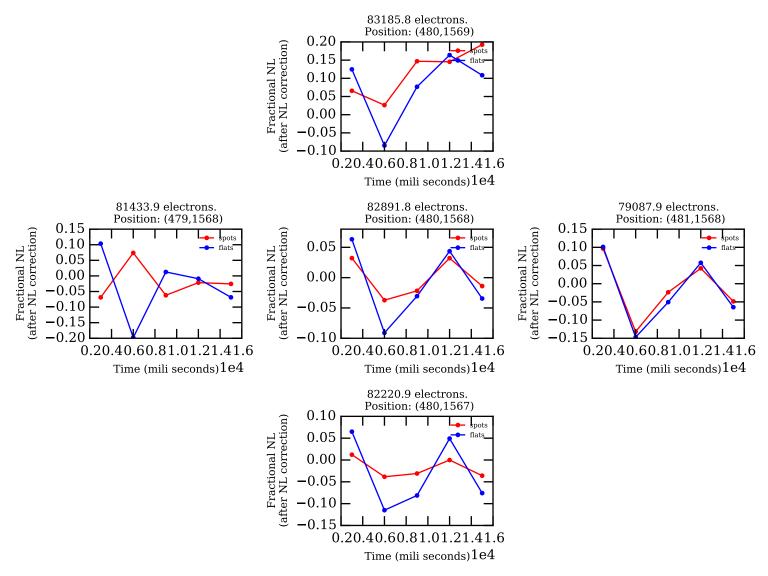
0.05

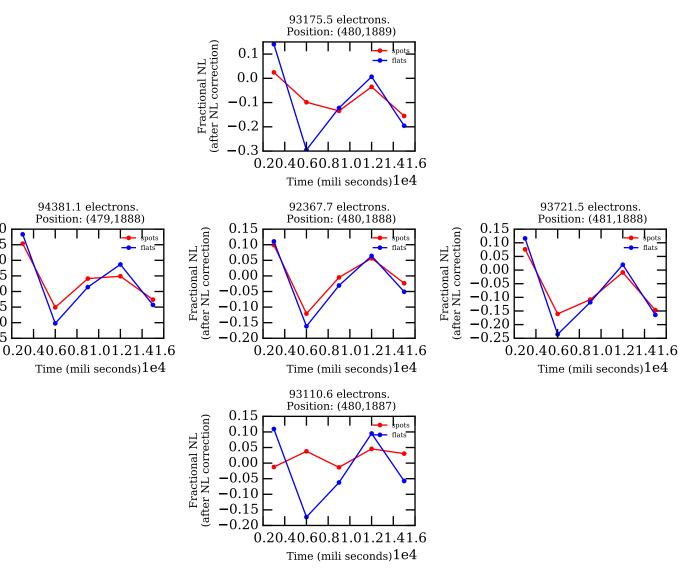
0.00

-0.05

-0.10 -0.15

(after NL correction)





94381.1 electrons.

0.10

0.05

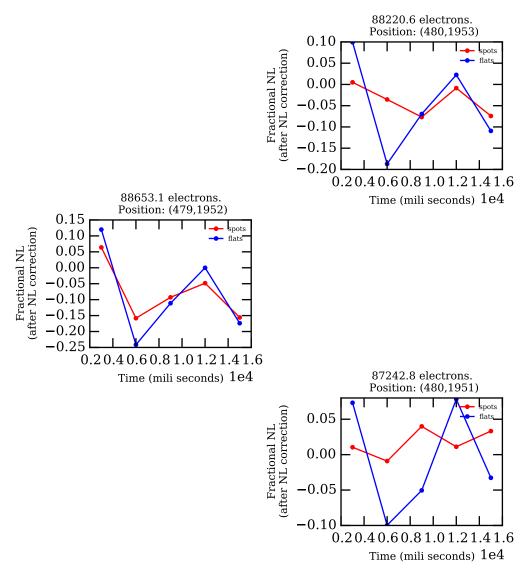
0.00

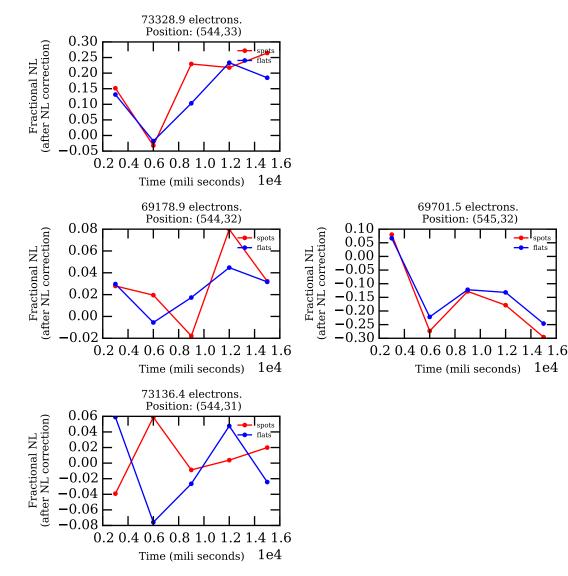
-0.05

-0.10-0.15-0.20

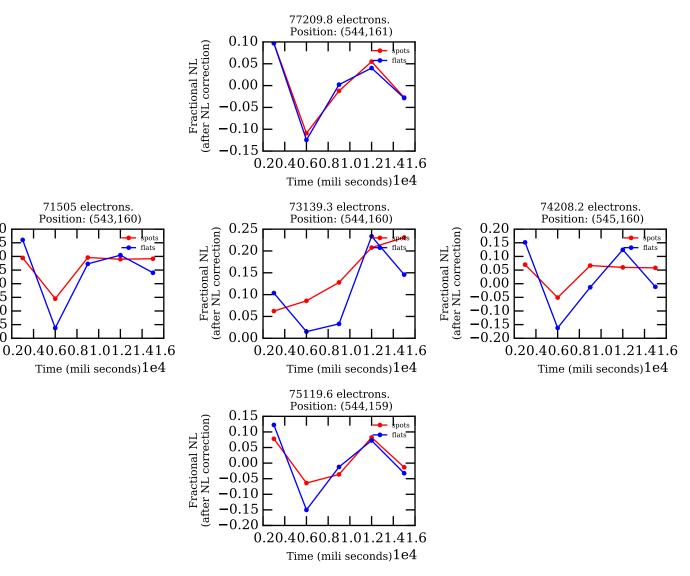
-0.25

(after NL correction)





1e4



71505 electrons.

0.20

0.15

0.10

0.05

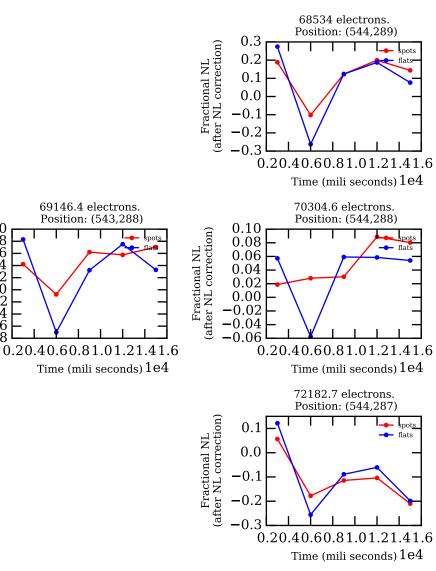
0.00

-0.05

-0.15

-0.20

(after NL correction)



69146.4 electrons.

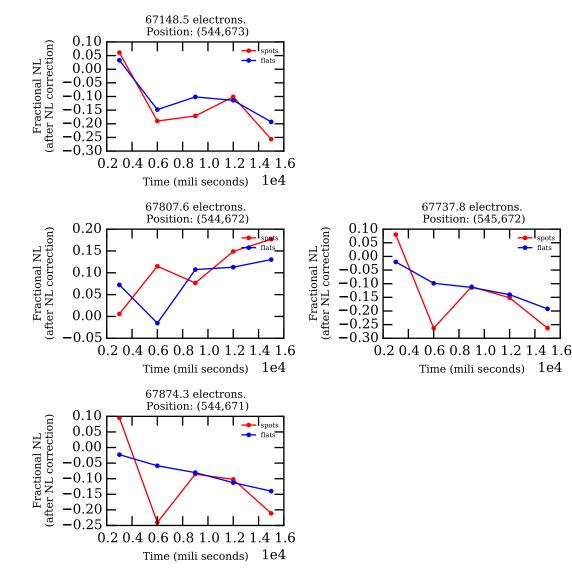
 $\begin{array}{c} 0.10 \\ 0.08 \\ 0.06 \\ 0.04 \end{array}$ 

-0.04 -0.06 -0.08

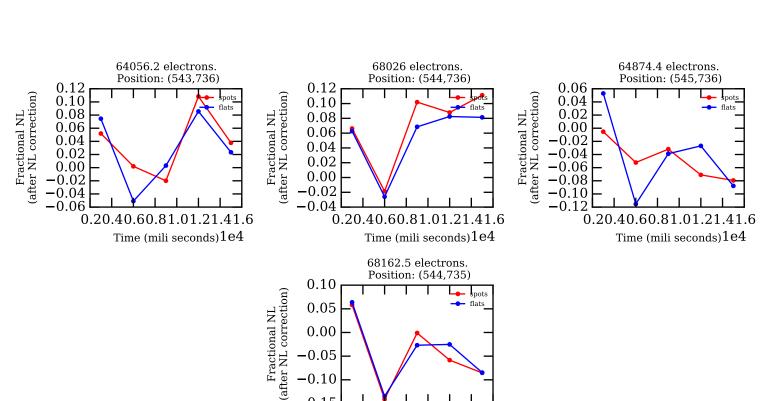
(after NL correction)

Fractional NL

Position: (543,288)

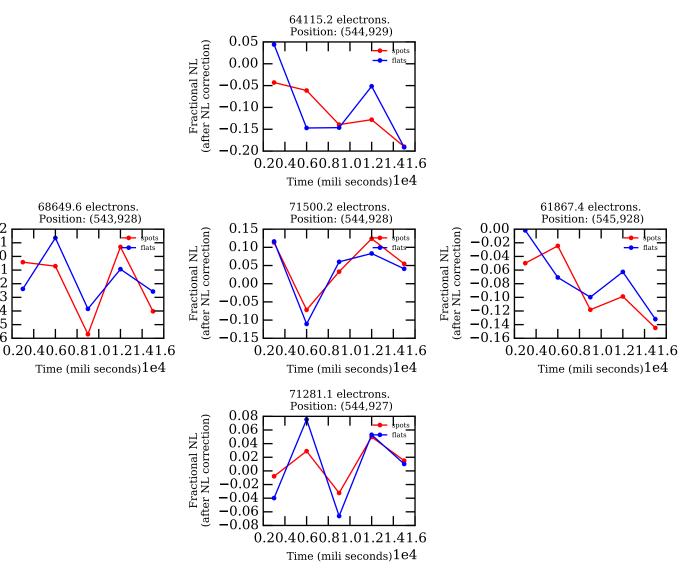


1e4



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.15



0.01

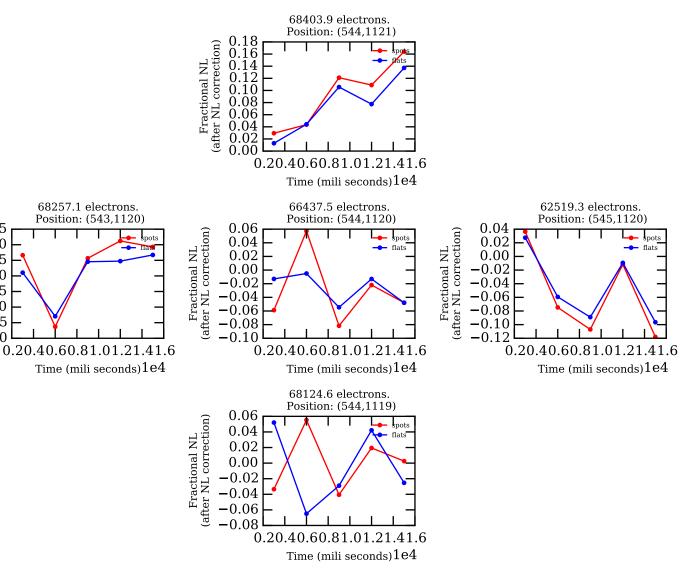
0.00

-0.01

-0.05

-0.06

(after NL correction)



0.20

0.15

0.10

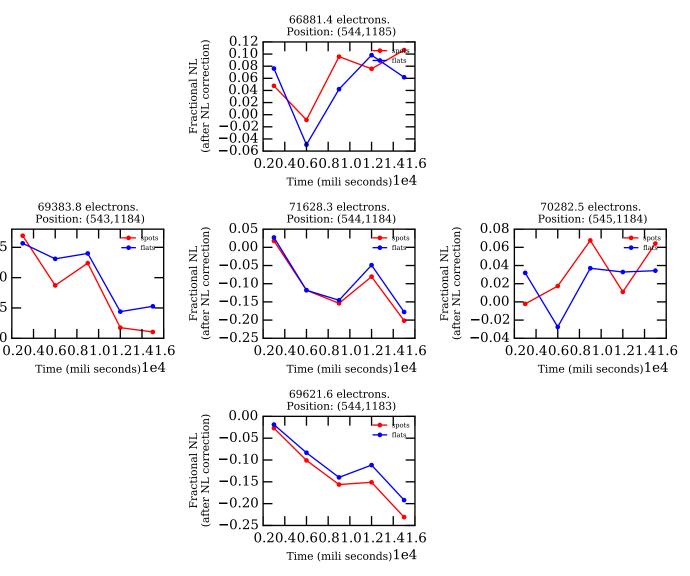
0.05

0.00

-0.05

-0.10

(after NL correction)



(after NL correction)

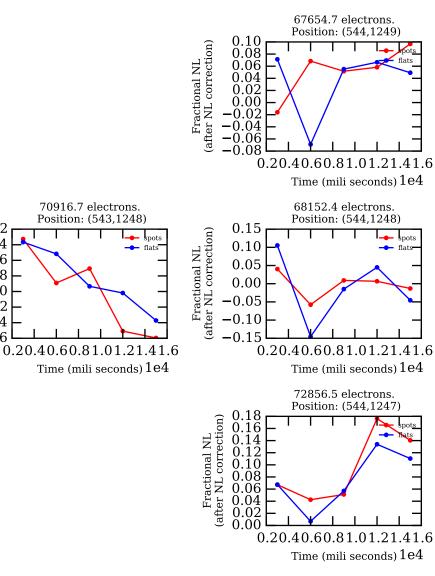
Fractional NL

-0.05

-0.10

-0.15

-0.20



70916.7 electrons.

Position: (543,1248)

-0.02

-0.04

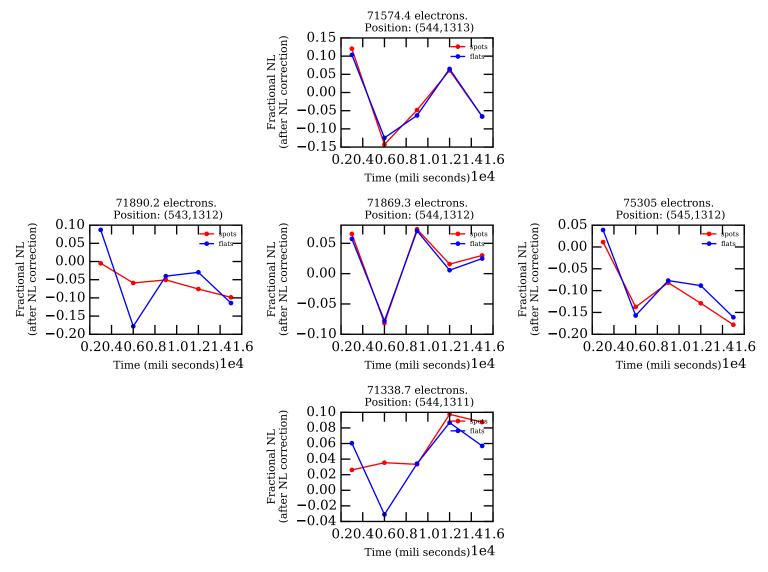
-0.06

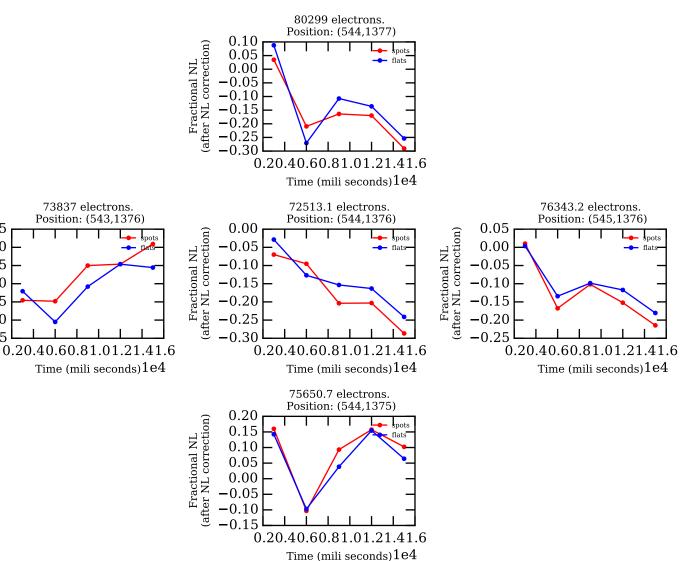
-0.08

-0.14

-0.16

(after NL correction)





73837 electrons.

0.25

0.20

0.15

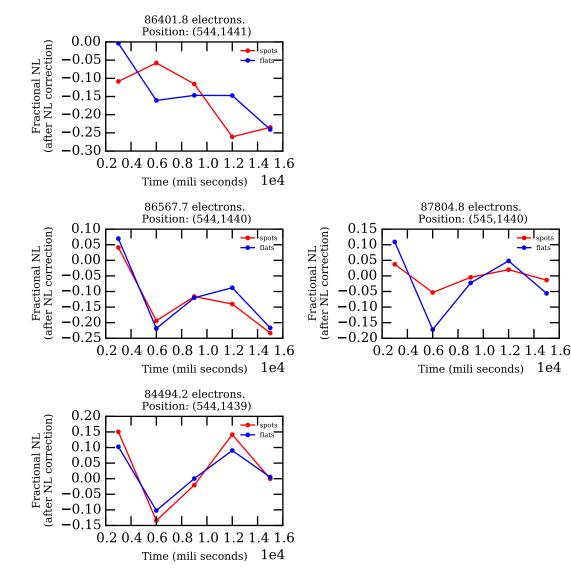
0.10

0.05

0.00

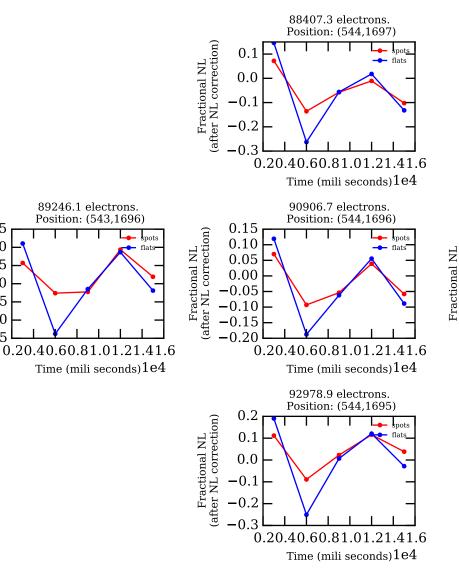
-0.05

(after NL correction)



flats

1e4



95297.6 electrons.

Position: (545,1696)

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)

89246.1 electrons.

Position: (543,1696)

pots

flats

0.15

0.10

0.05

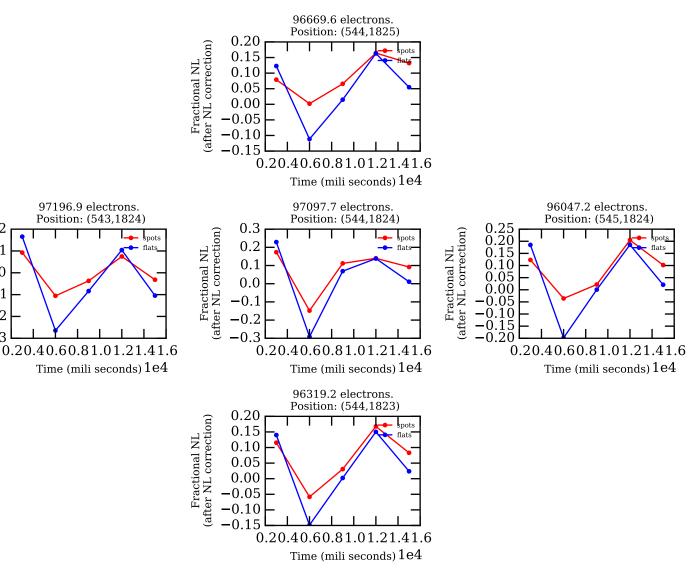
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.1

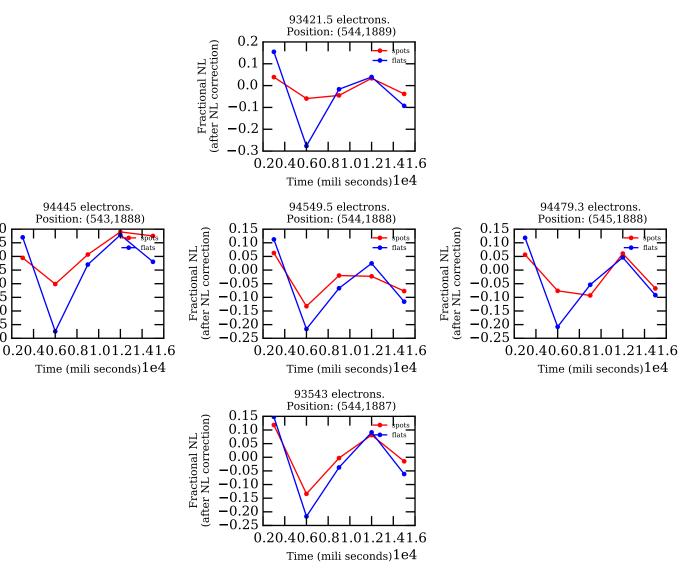
0.0

-0.1

-0.2

-0.3

(after NL correction)



94445 electrons.

0.20

0.15

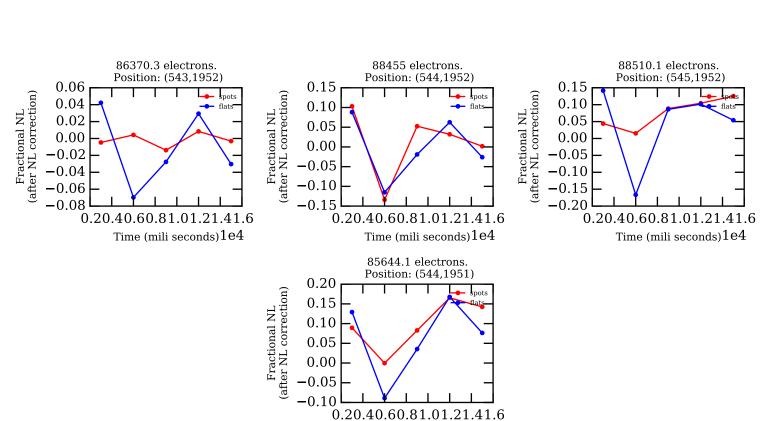
0.10

0.05 0.00

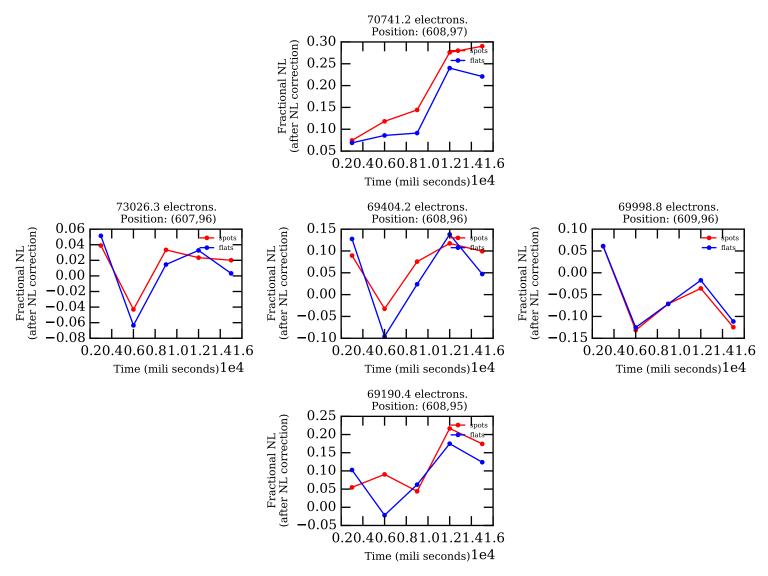
-0.05

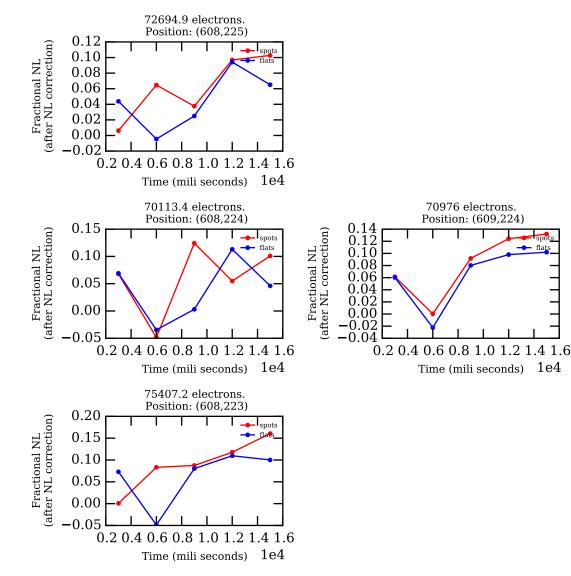
-0.15-0.20

(after NL correction)

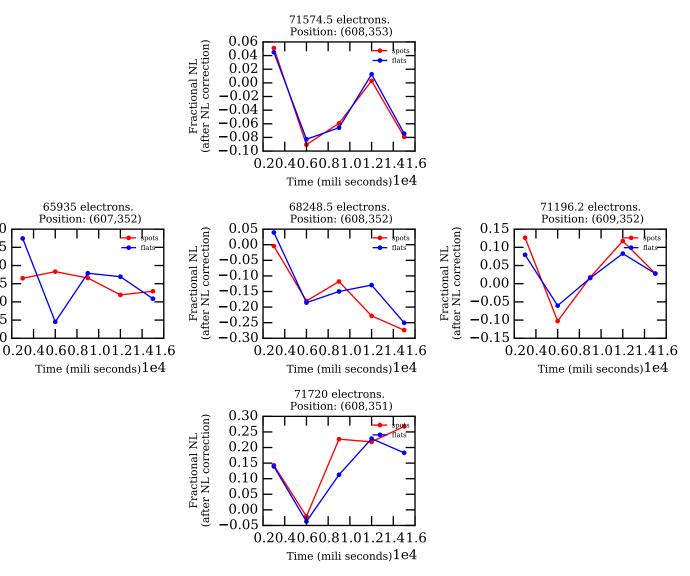


Time (mili seconds) 1e4





1e4



0.05

0.00

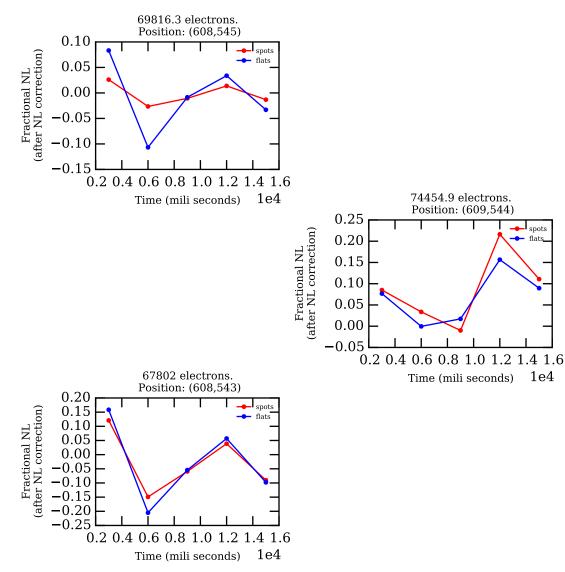
-0.05

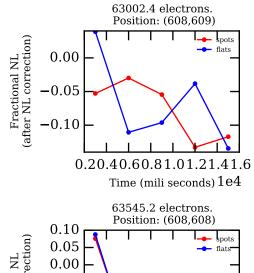
-0.10

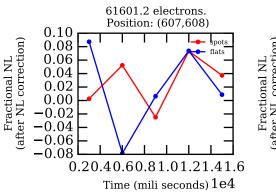
-0.15

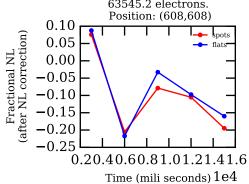
-0.20

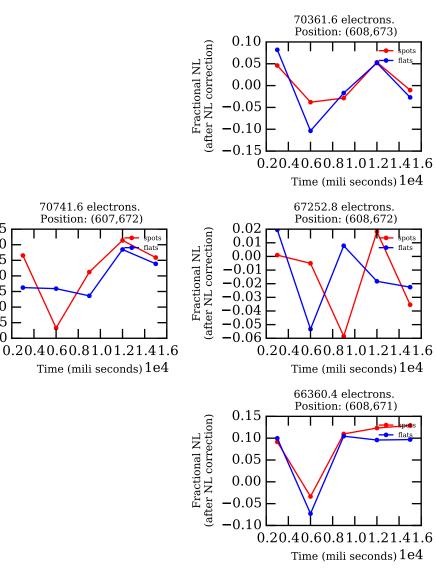
(after NL correction)











70741.6 electrons.

Position: (607,672)

0.25

0.20

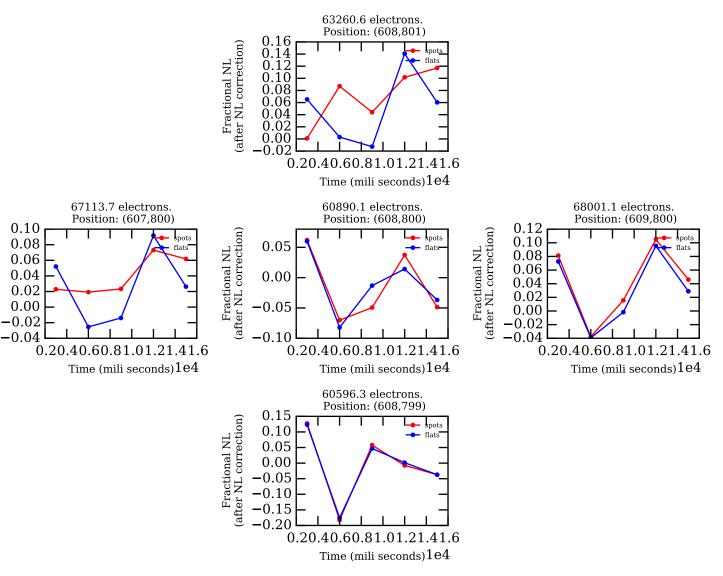
0.15

0.100.05 0.00

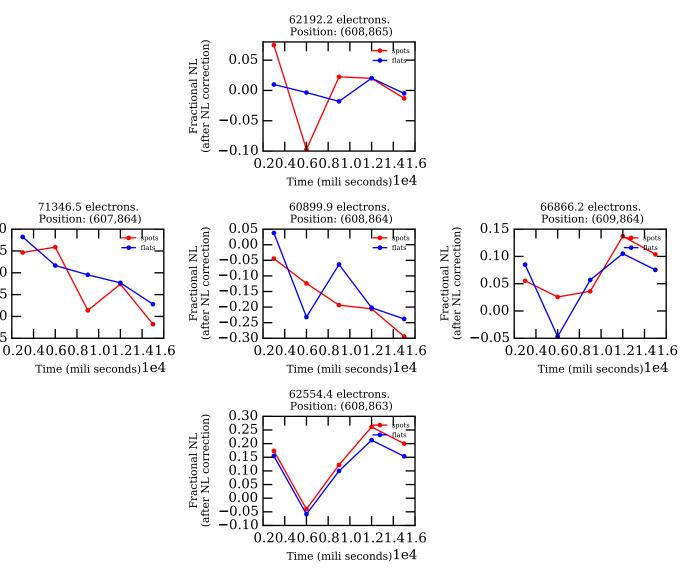
-0.05

-0.10

(after NL correction)



(after NL correction)



-0.05

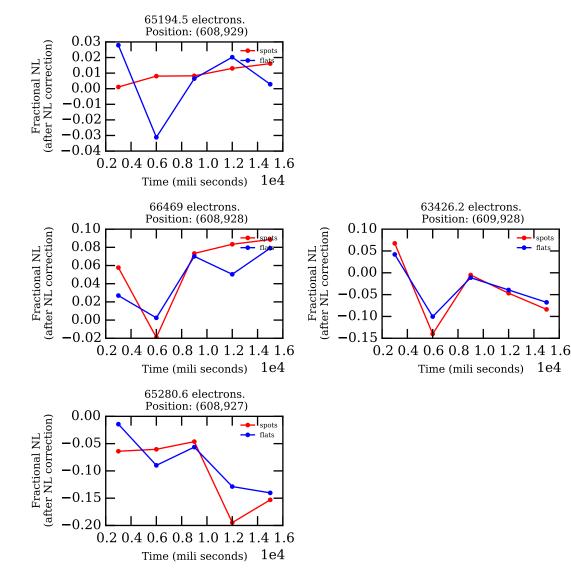
-0.10

-0.15

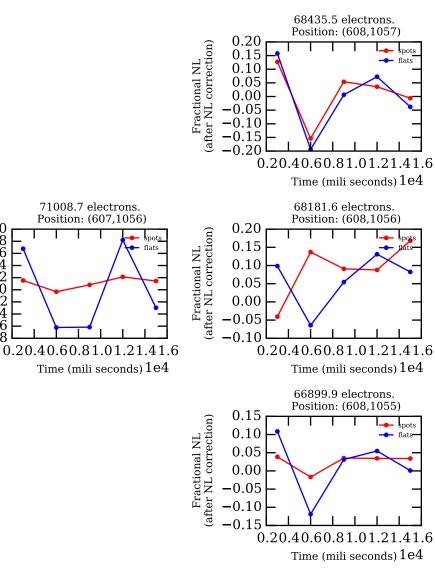
-0.20

-0.25

(after NL correction)



1e4



71008.7 electrons.

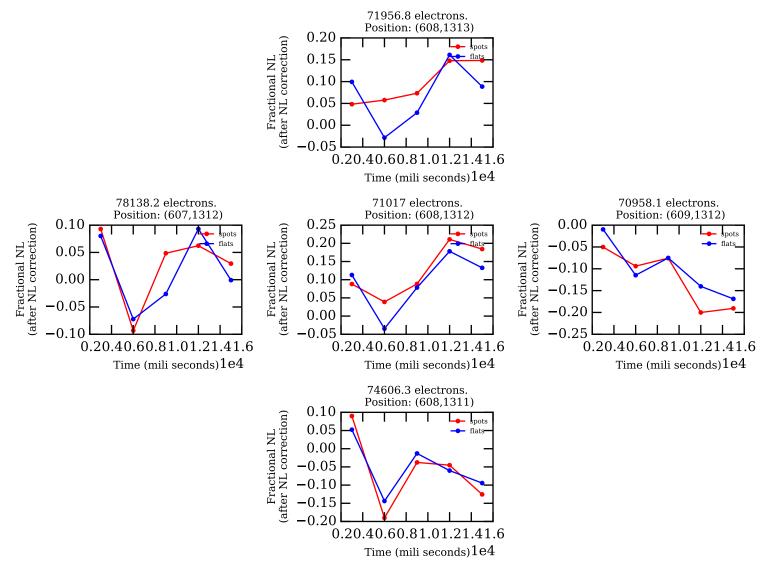
Position: (607,1056)

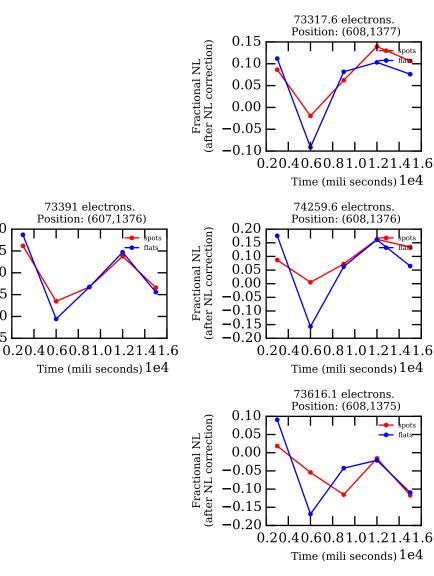
 $\begin{array}{c} 0.10 \\ 0.08 \\ 0.06 \end{array}$ 

-0.04-0.06

-0.08

(after NL correction)





73391 electrons.

Position: (607,1376)

0.10

0.05

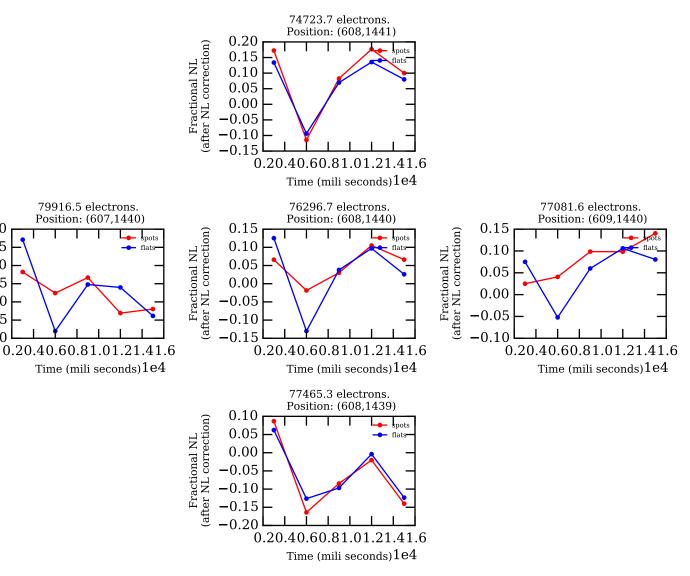
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

0.00

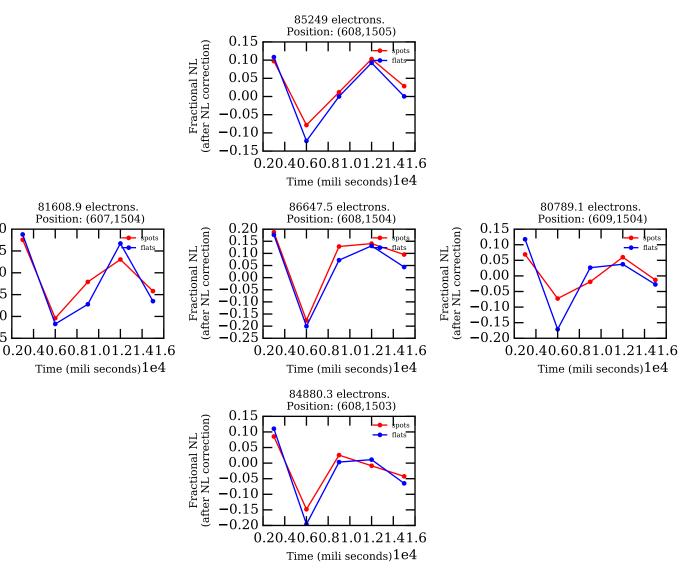
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.05

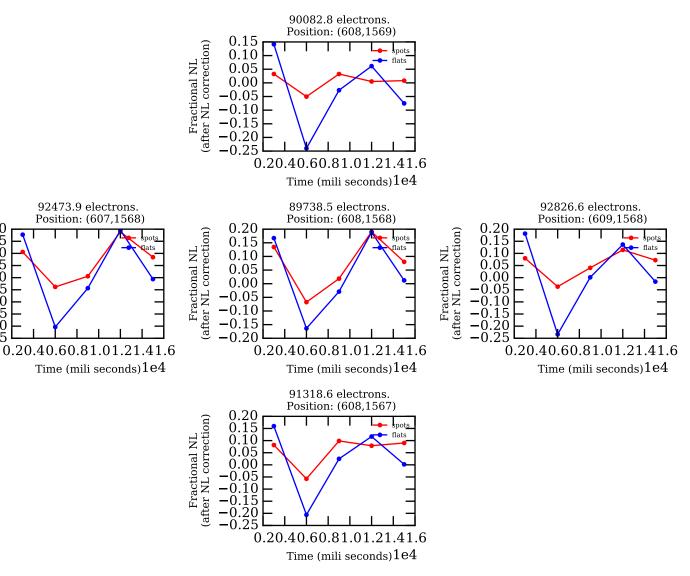
0.00

-0.05

-0.10

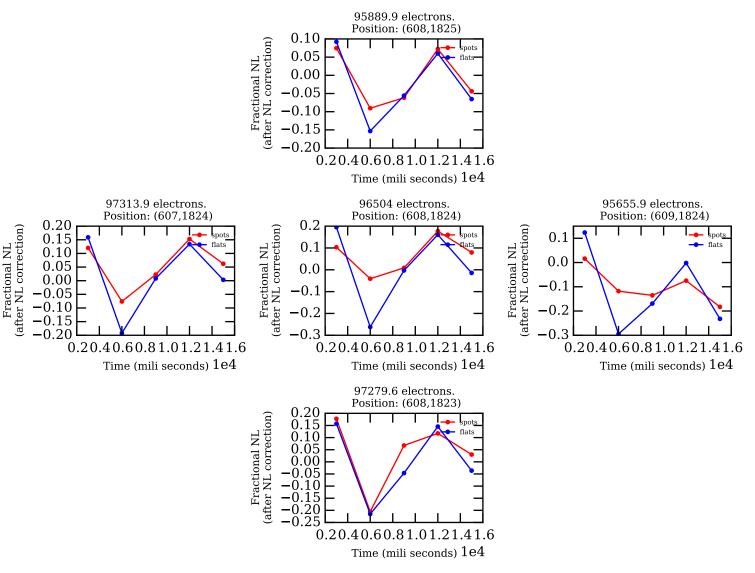
-0.15

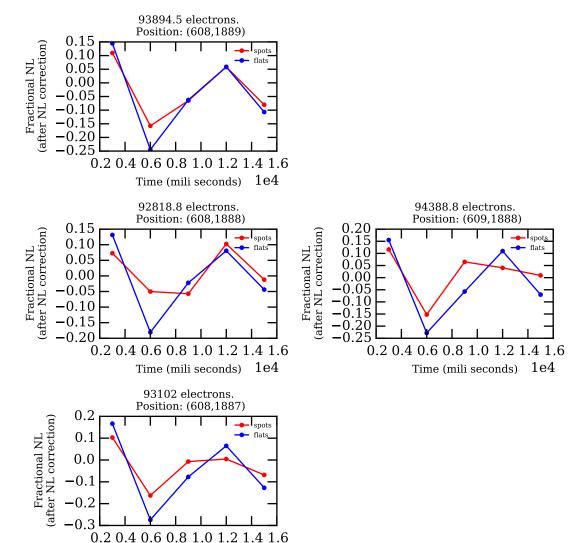
(after NL correction)



 $0.20 \\ 0.15$ 

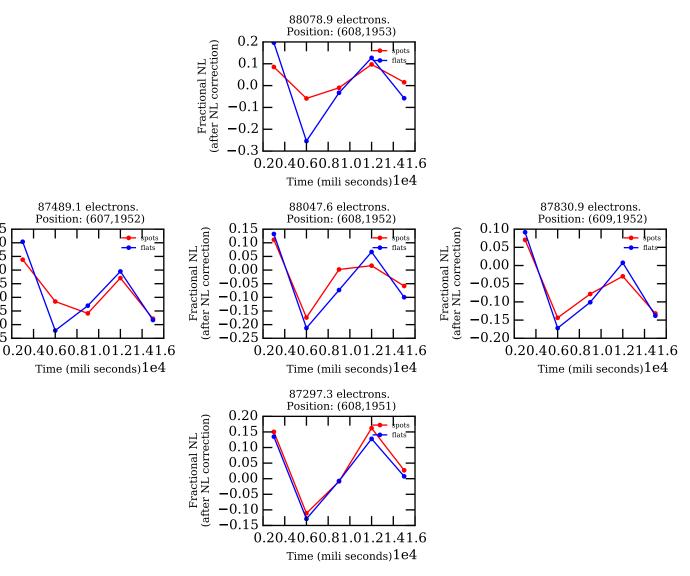
(after NL correction)





1e4

Time (mili seconds)



87489.1 electrons. Position: (607,1952)

0.15

0.10

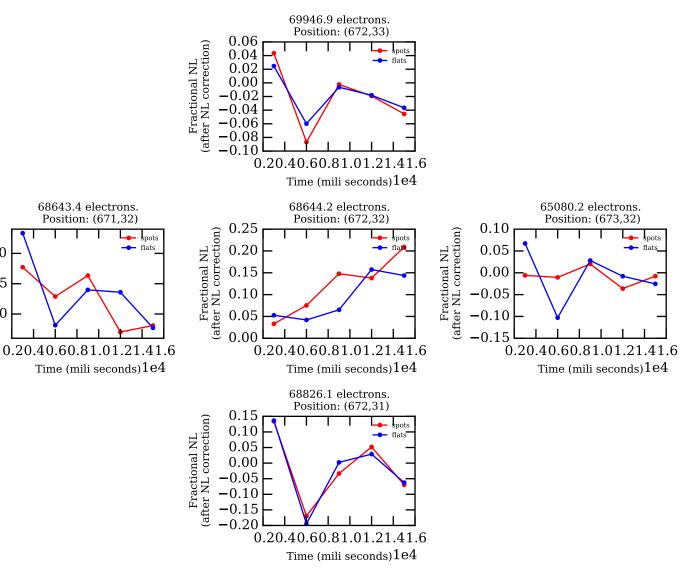
0.05

0.00

-0.05

-0.25

(after NL correction)

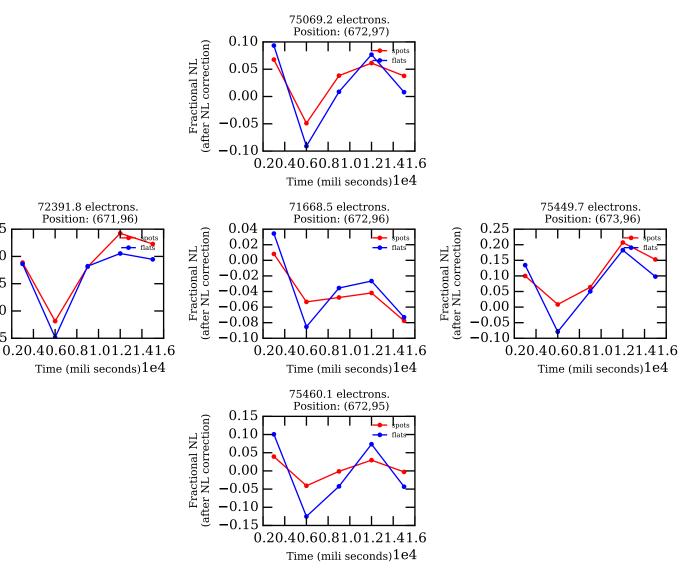


(after NL correction)

0.00

-0.05

-0.10



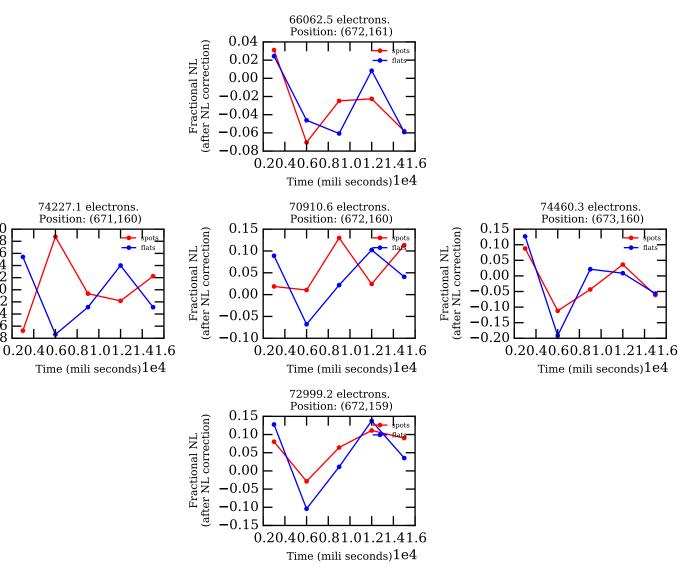
0.10

0.05

0.00

-0.05

Fractional NL (after NL correction)

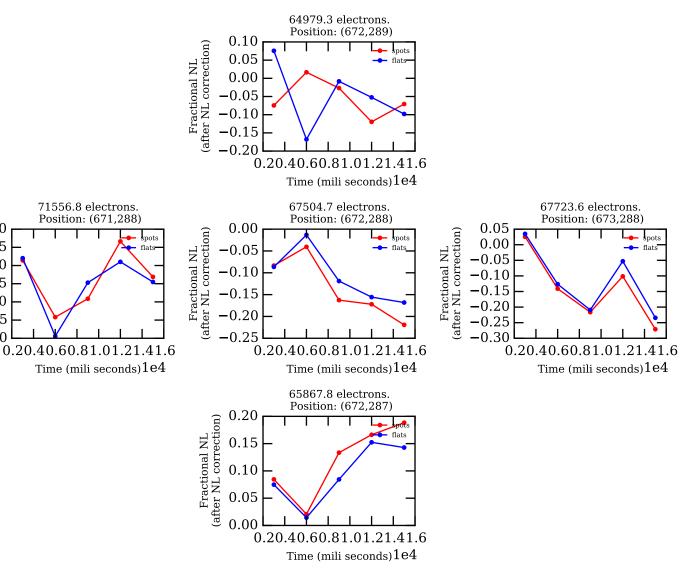


 $0.10 \\ 0.08$ 

0.06

-0.08

(after NL correction)



0.15

0.10

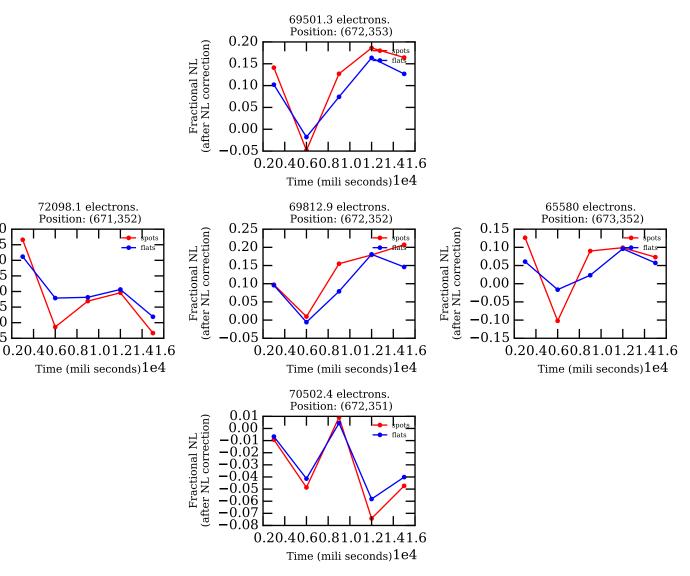
0.05

0.00

-0.05

-0.10

(after NL correction)



0.05

0.00

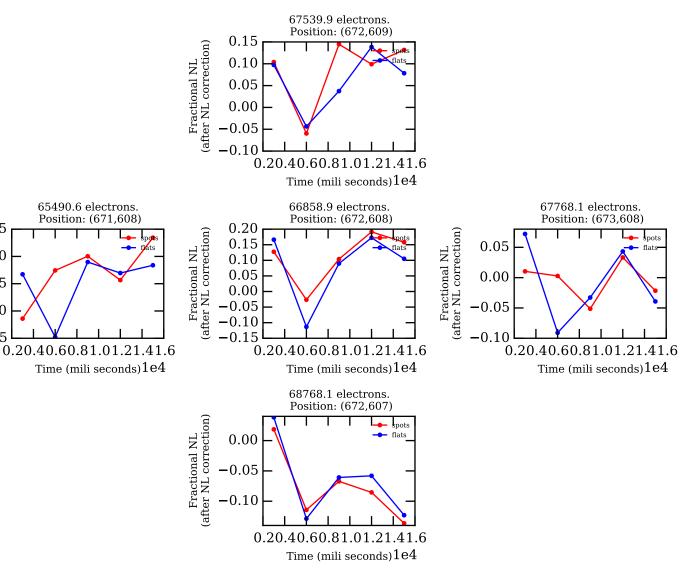
-0.05

-0.10

-0.15

-0.20 -0.25

(after NL correction)



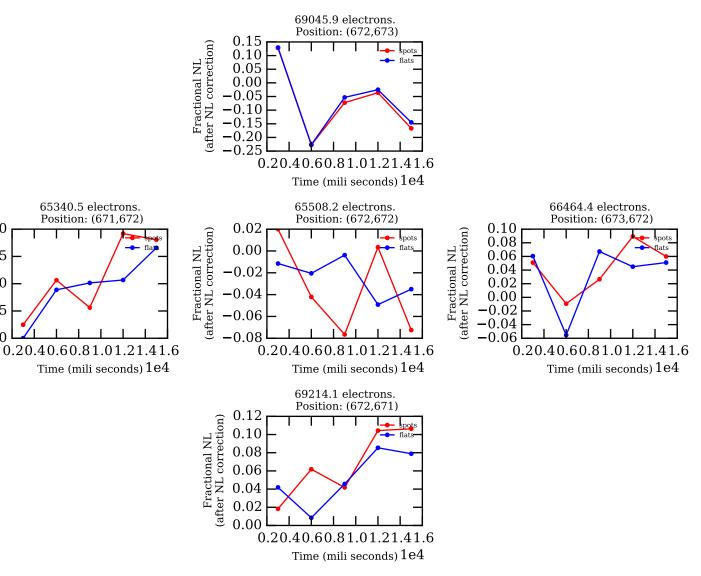
0.10

0.05

0.00

-0.05

Fractional NL (after NL correction)



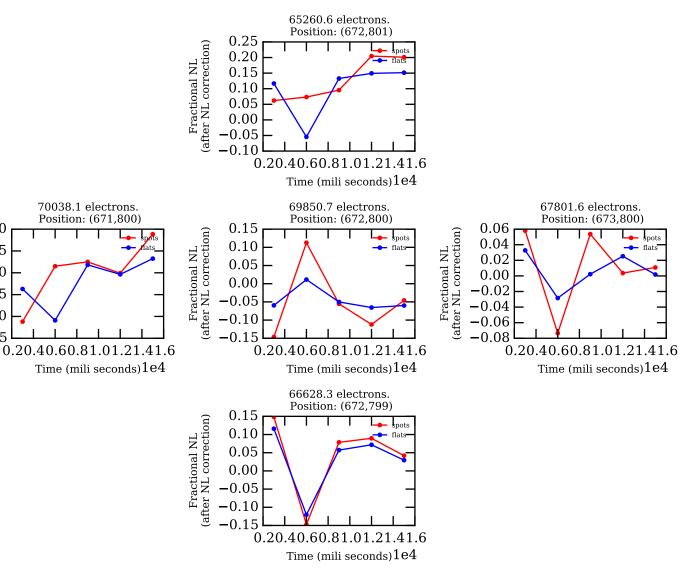
0.15

0.10

0.05

0.00

Fractional NL (after NL correction)



0.15

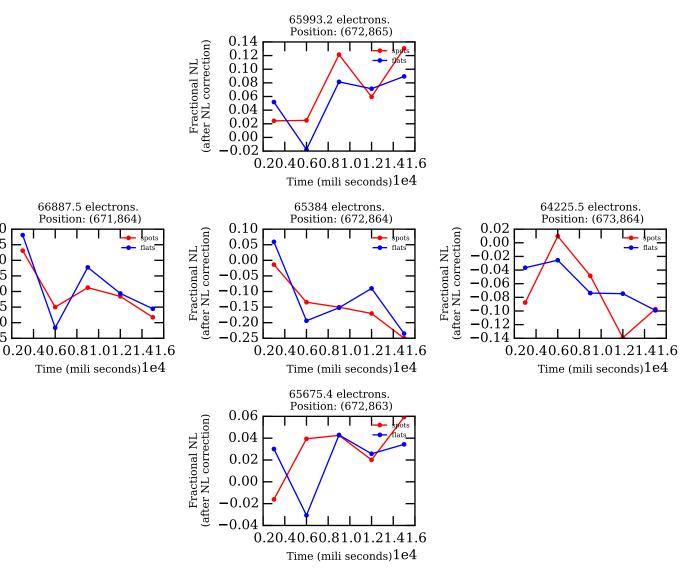
0.10

0.05

0.00

-0.05

(after NL correction)



0.05

0.00

-0.05

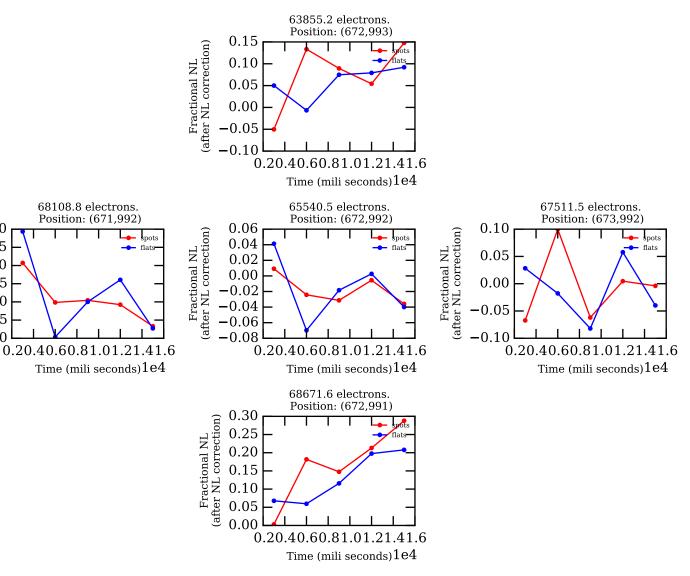
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

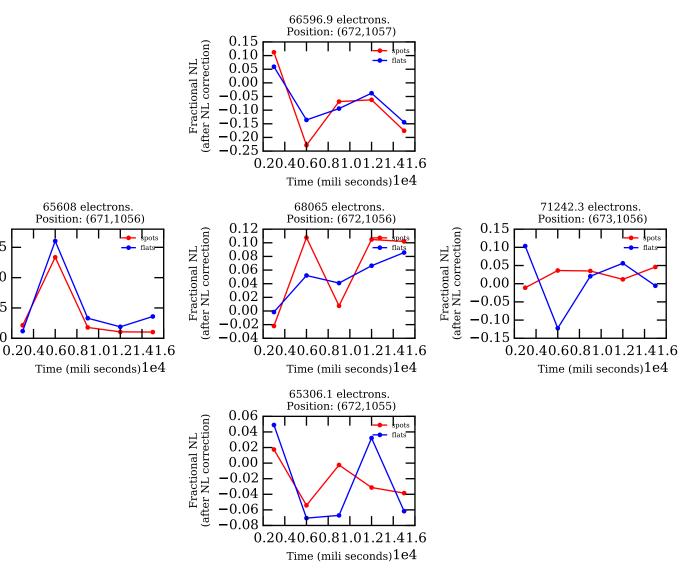
0.00

-0.05 -0.10

-0.15

-0.20

(after NL correction)



65608 electrons.

(after NL correction)

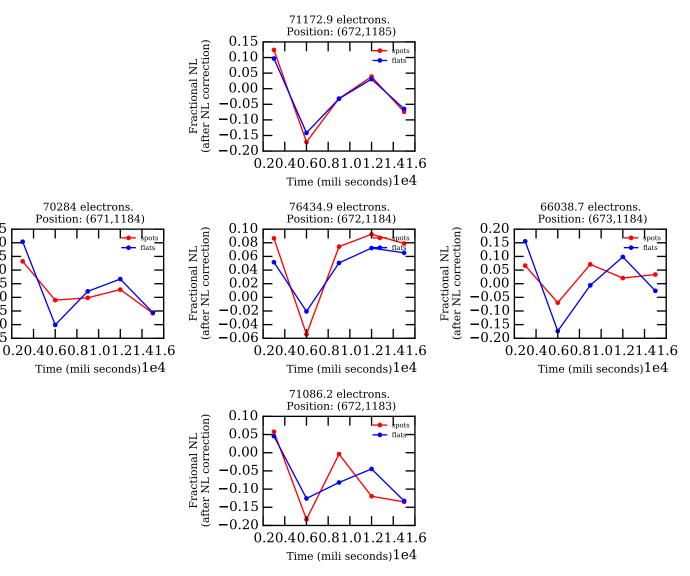
Fractional NL

0.05

0.00

-0.05

-0.10



0.10

0.05

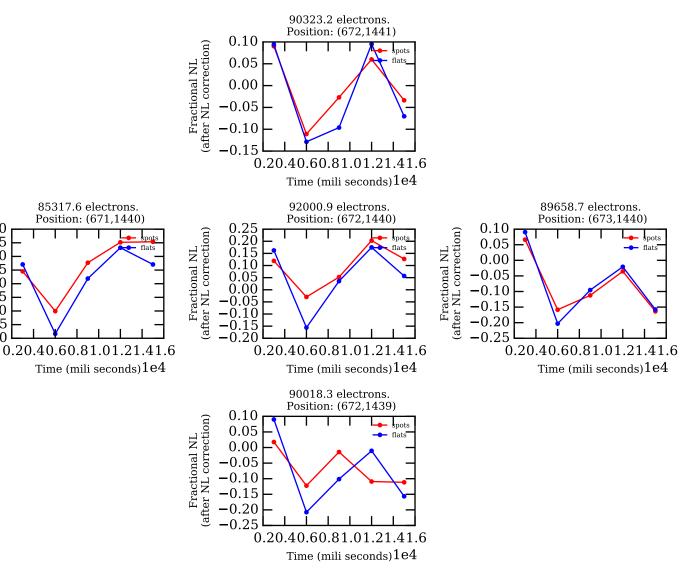
0.00

-0.05

-0.20

-0.25

(after NL correction)



0.25

0.20

0.15

0.10

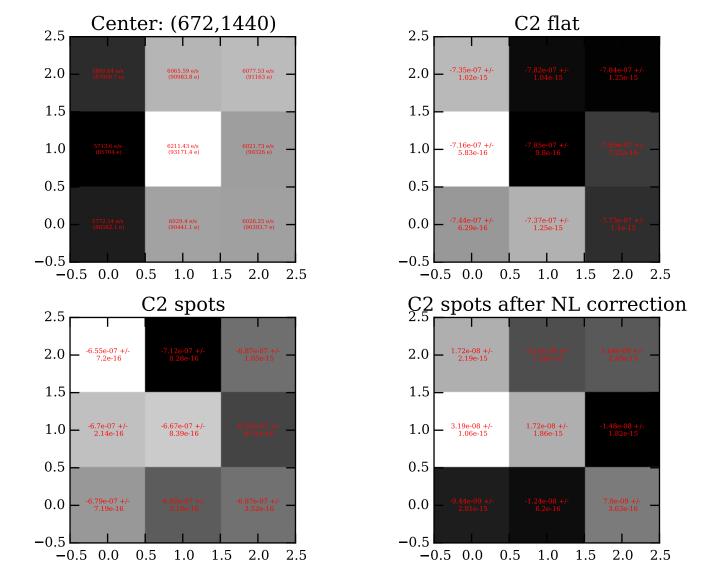
0.05

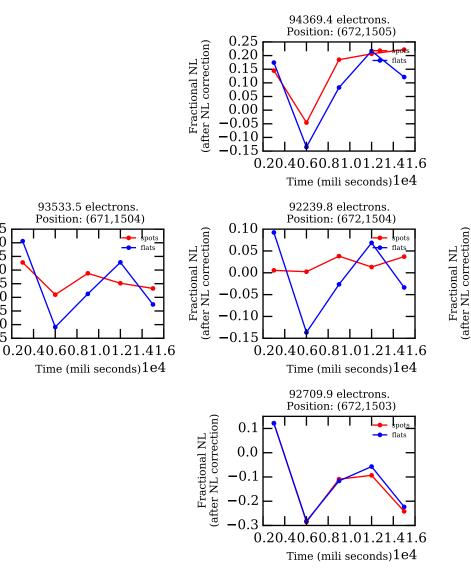
0.00

-0.05

-0.10

(after NL correction)





95376.7 electrons.

Position: (673,1504)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

0.2

0.1

0.0

-0.1

-0.2

-0.

93533.5 electrons.

Position: (671,1504)

0.15

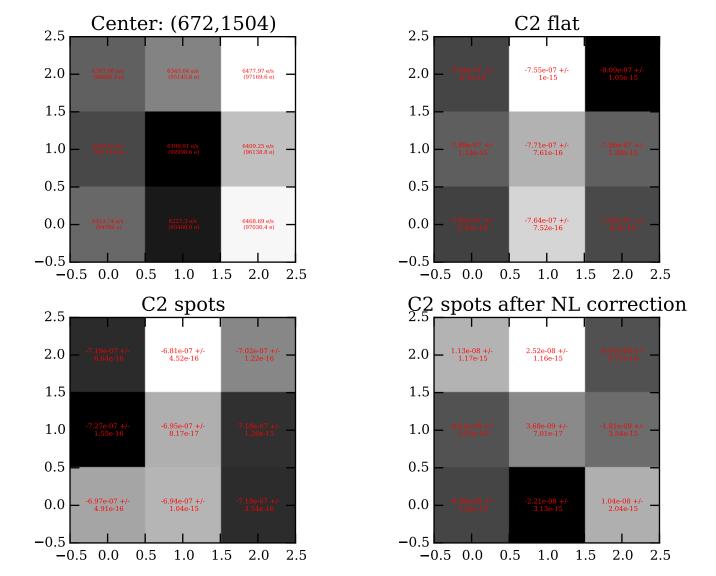
0.10

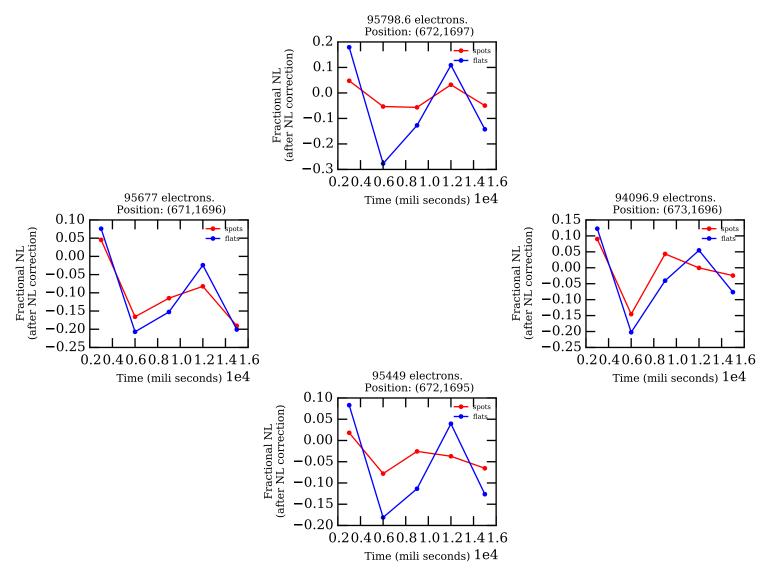
0.05 0.00

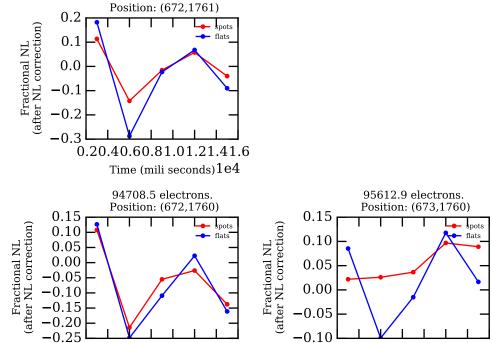
-0.05

-0.25

(after NL correction)

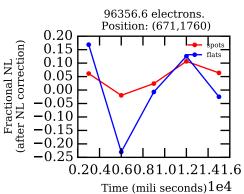


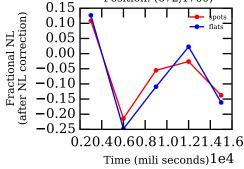




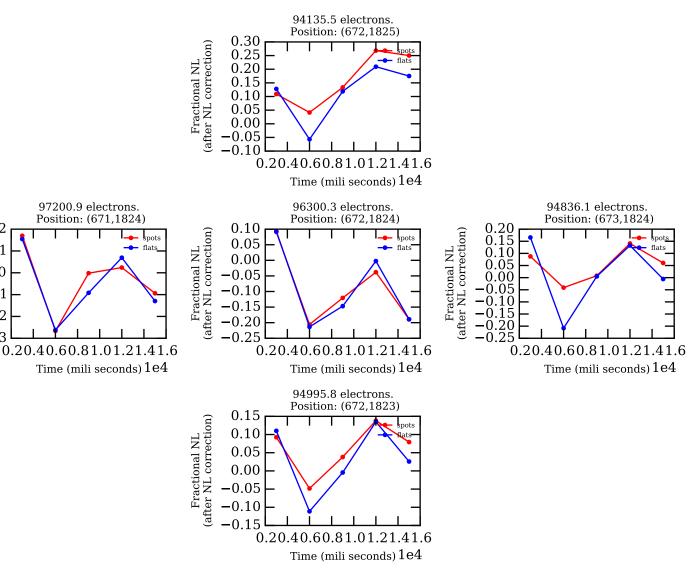
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





95988.5 electrons.



0.1

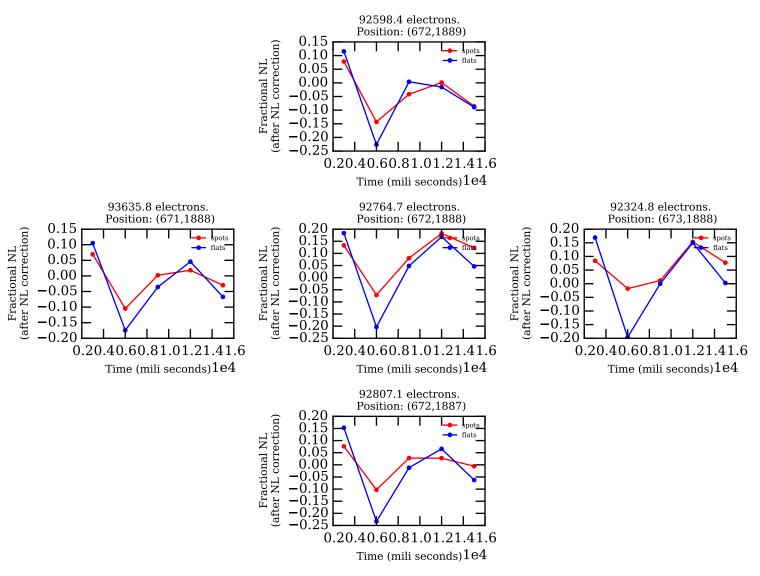
0.0

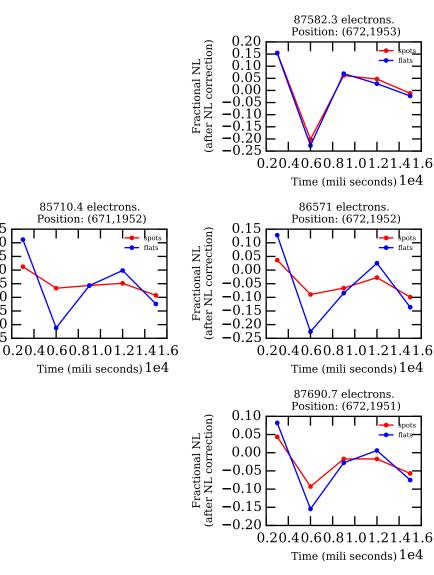
-0.1

-0.2

-0.3

(after NL correction)





85710.4 electrons. Position: (671,1952)

0.15

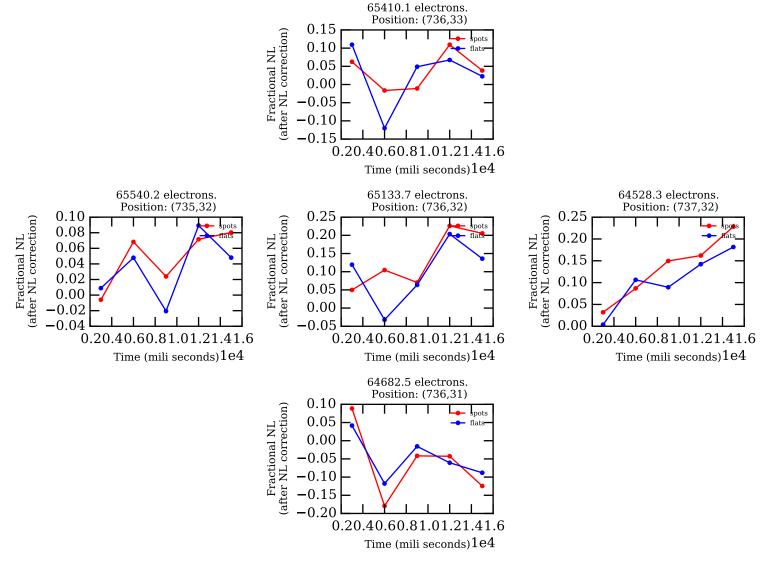
0.10

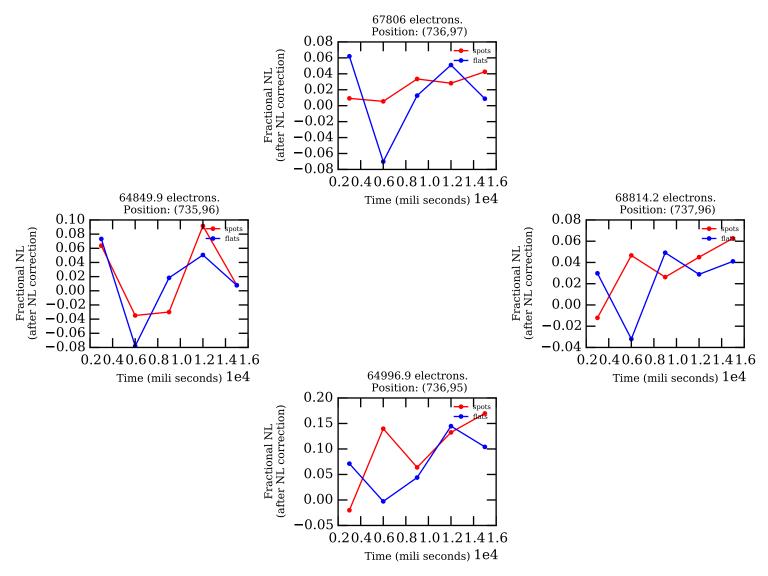
0.05 0.00

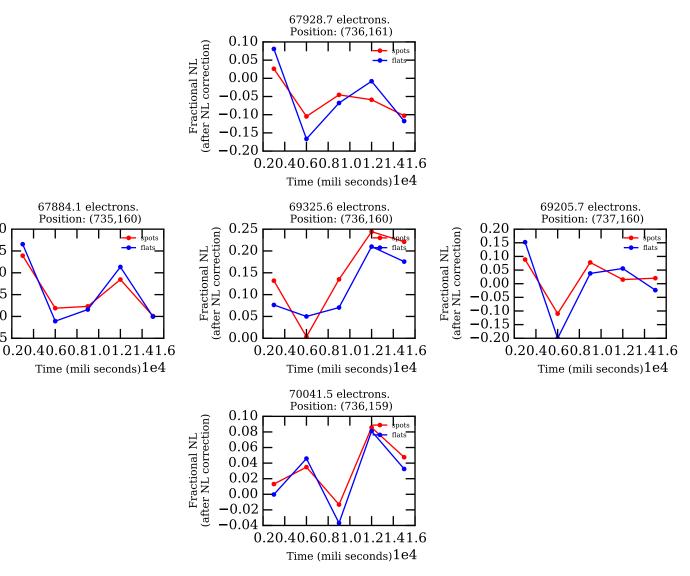
-0.05

-0.20 -0.25

(after NL correction)







0.05

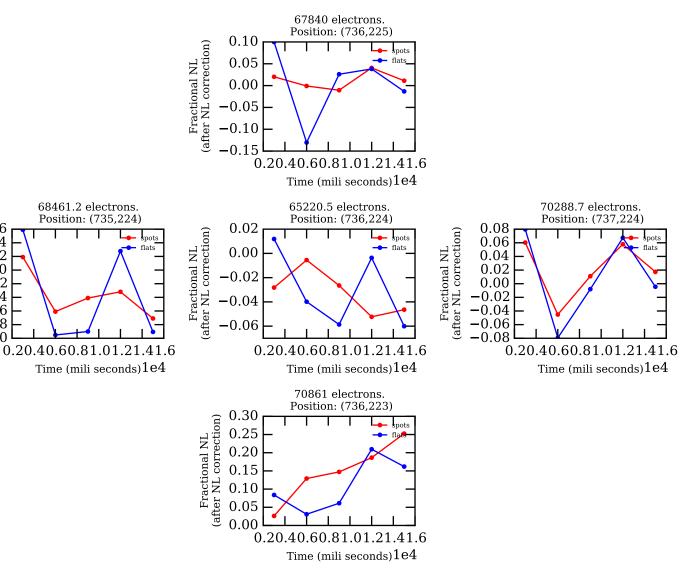
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.04

0.02

0.00

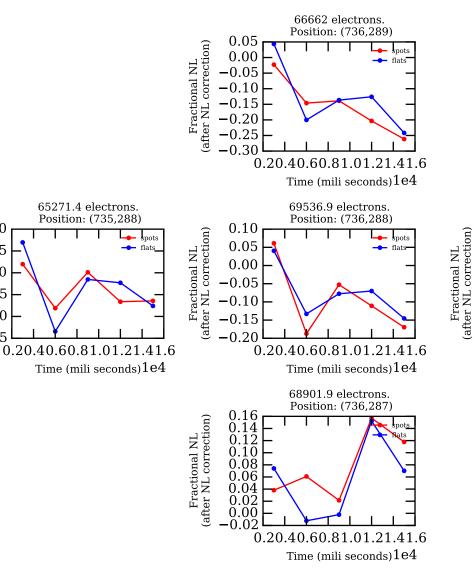
-0.02

-0.04

-0.06

-0.08

(after NL correction)



0.05

0.00

-0.05

-0.10

-0.15

(after NL correction)

Fractional NL

68161.4 electrons.

 $0.20 \\ 0.18$ 

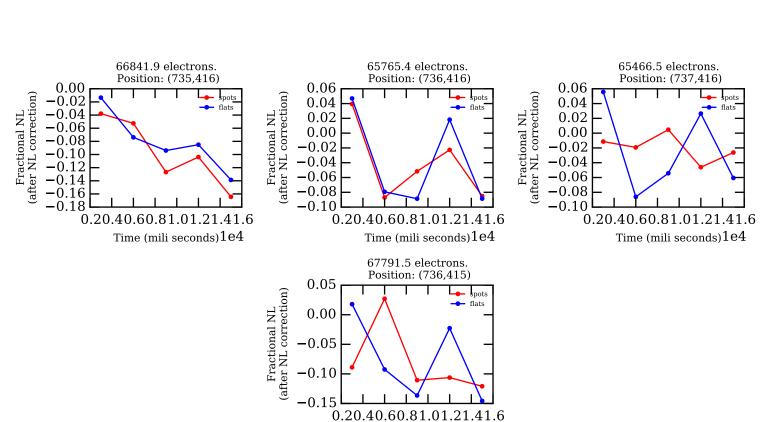
0.16

0.1

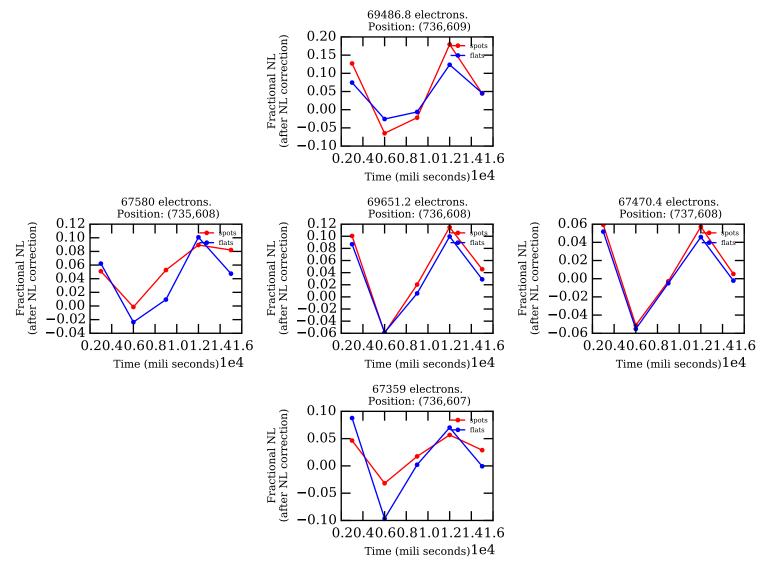
0.12 0.08 0.06 0.04 0.02 Position: (737,288)

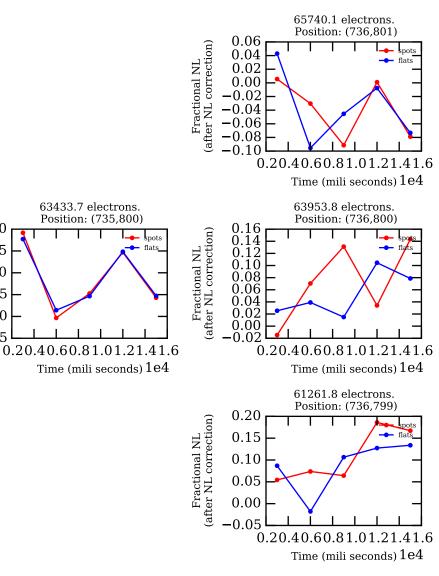
0.20.40.60.81.01.21.41.6

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



Time (mili seconds) 1e4





63433.7 electrons.

0.10

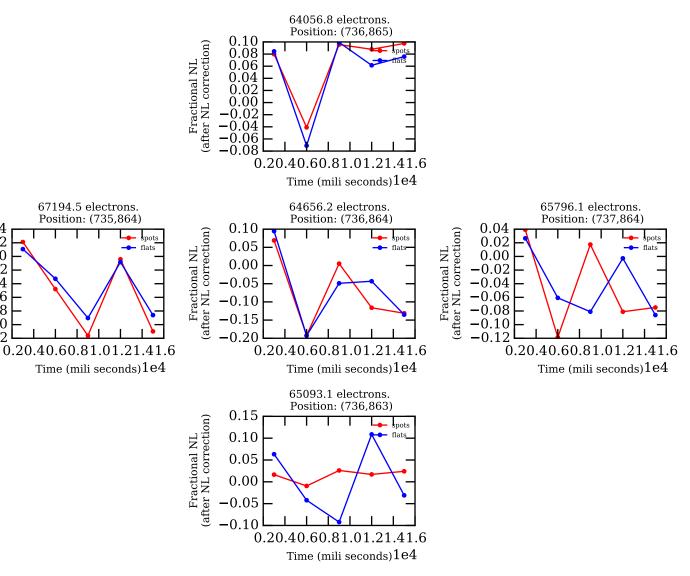
0.05

0.00 -0.05-0.10-0.15

(after NL correction)

Fractional NL

Position: (735,800)



0.02

0.00

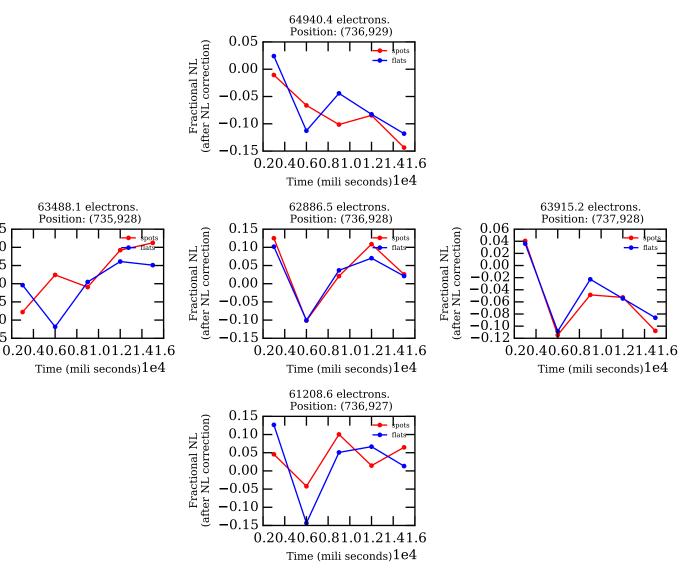
-0.02

-0.04

-0.06

-0.10

(after NL correction)



0.20

0.15

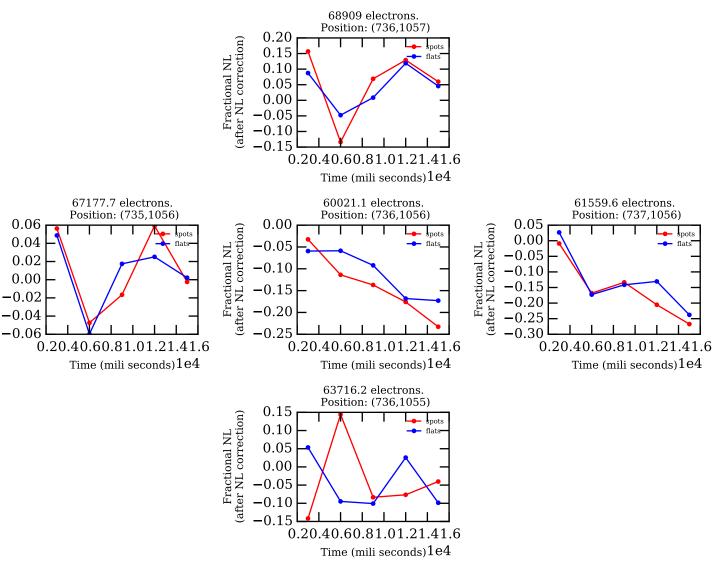
0.10

0.05

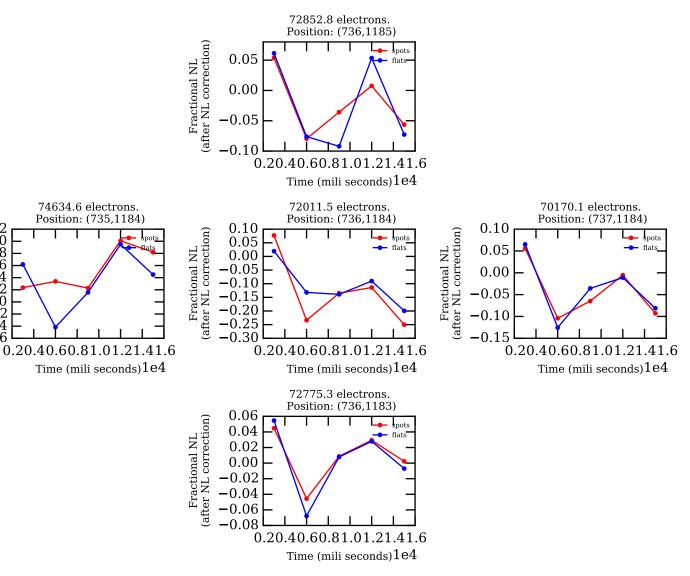
0.00

-0.05

(after NL correction)



(after NL correction)

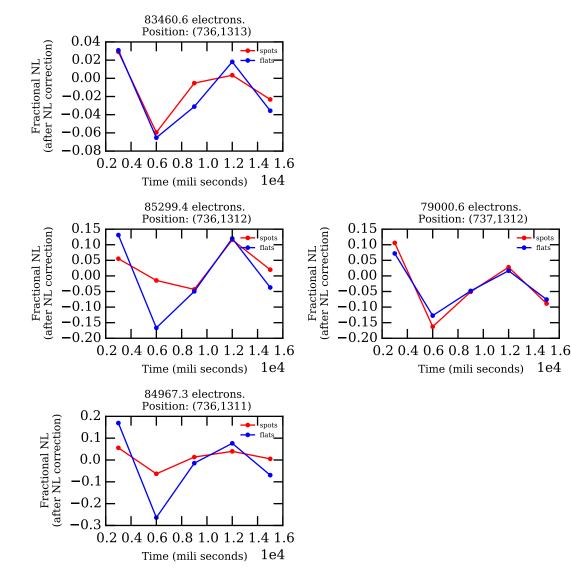


 $0.12 \\ 0.10$ 

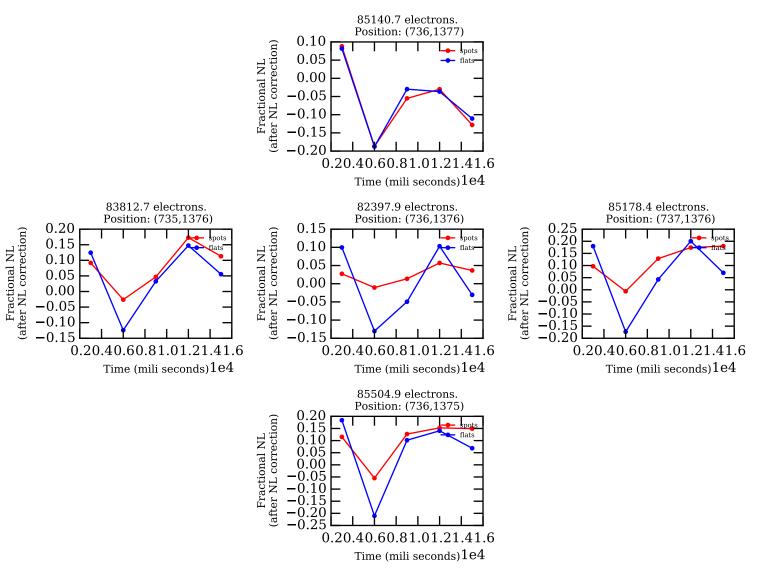
0.08 0.06

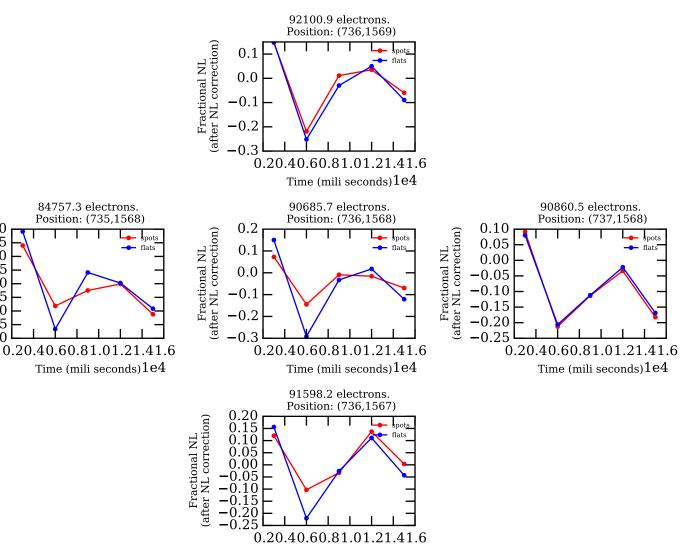
-0.04 -0.06

(after NL correction)



1e4





Time (mili seconds) 1e4

84757.3 electrons.

Position: (735,1568)

0.10

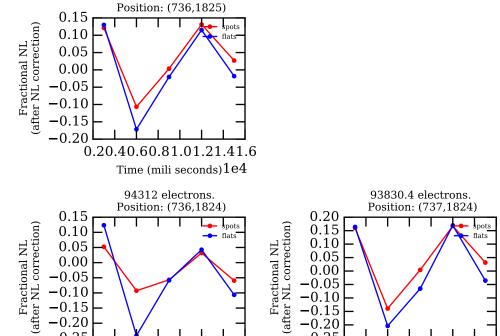
0.05

0.00

-0.05

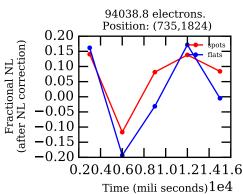
-0.25 -0.30

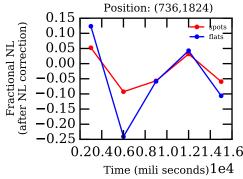
(after NL correction)



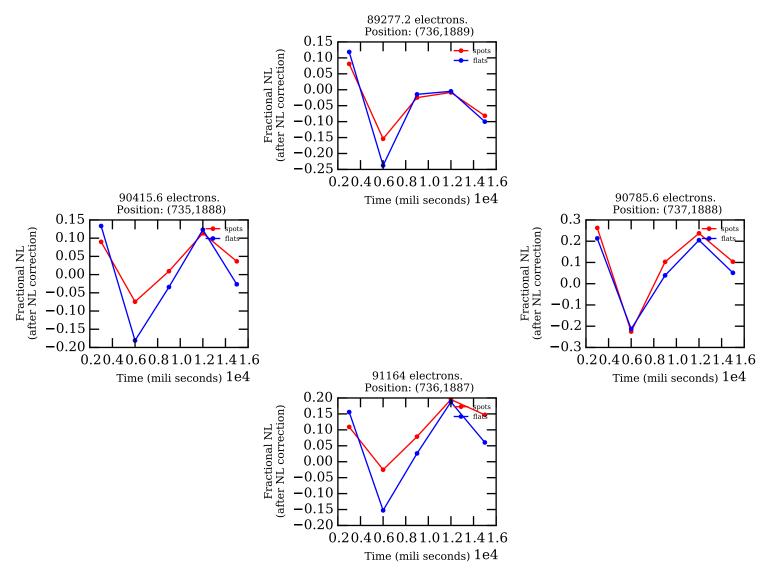
0.20.40.60.81.01.21.41.6

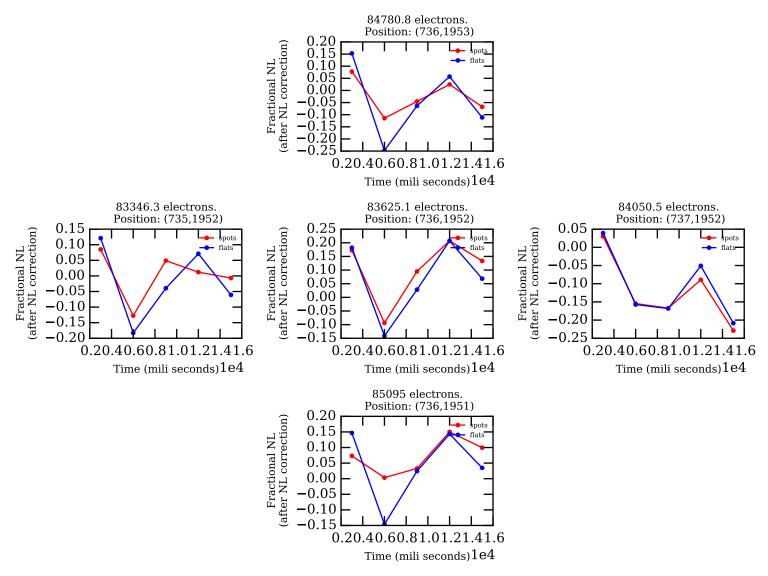
Time (mili seconds) 1e4

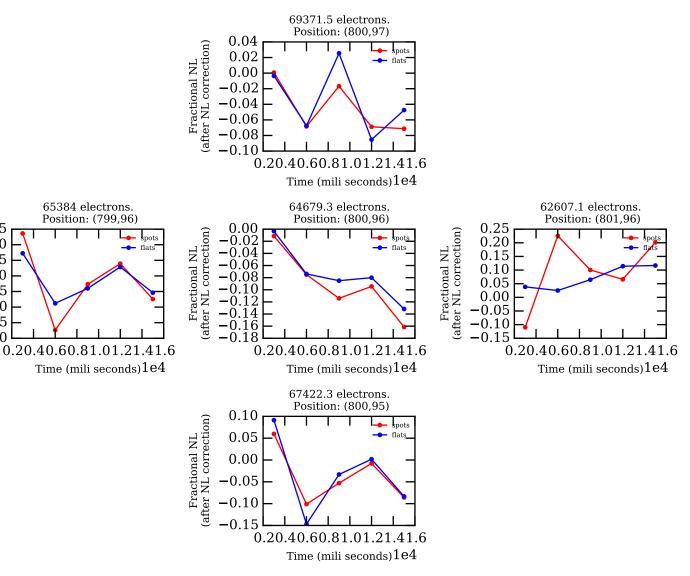




93558.7 electrons.







0.10

0.05

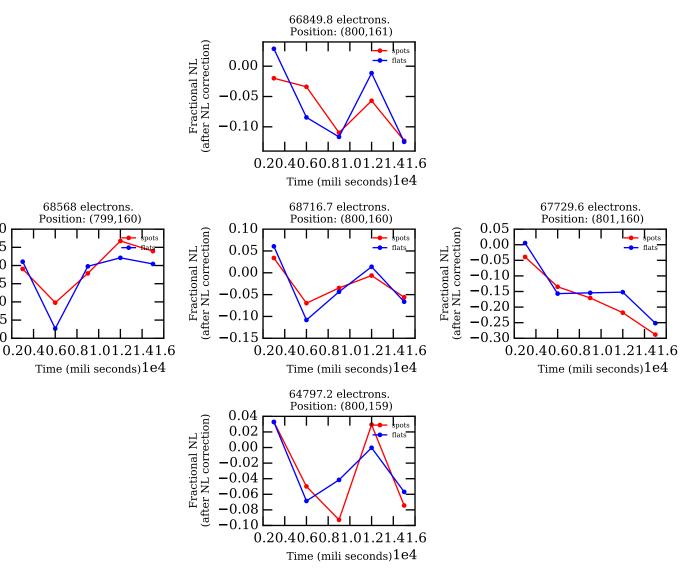
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



68568 electrons.

0.20

0.15

0.10

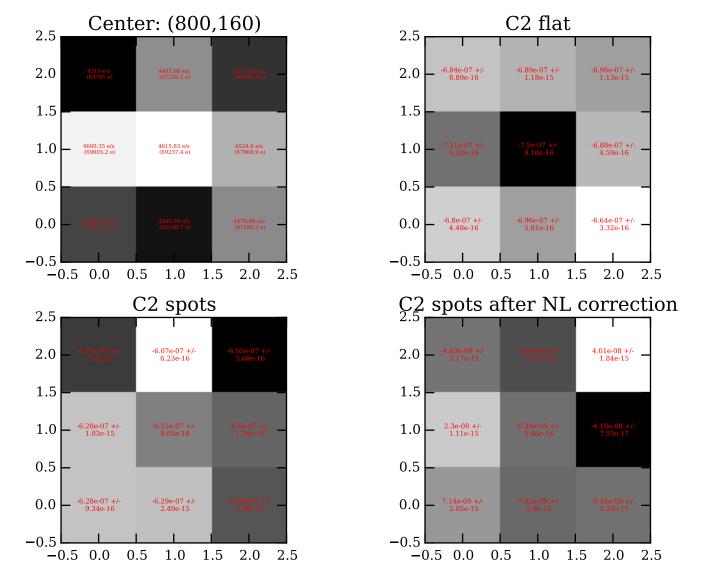
0.05

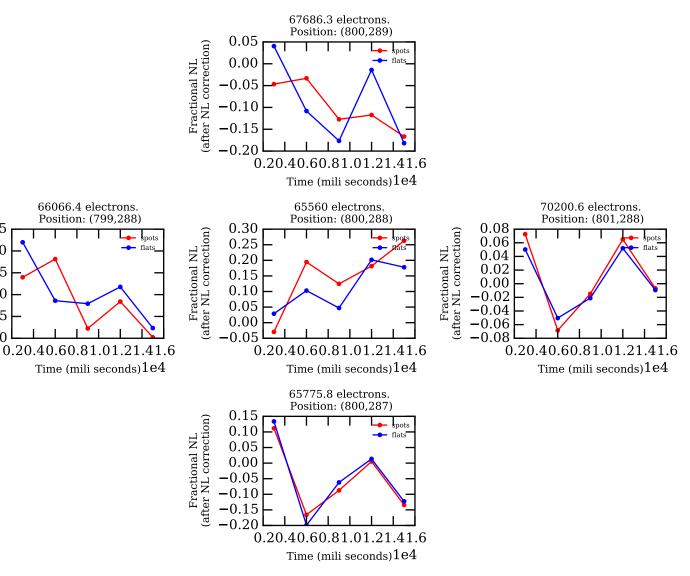
0.00

-0.05

-0.10

(after NL correction)





0.00

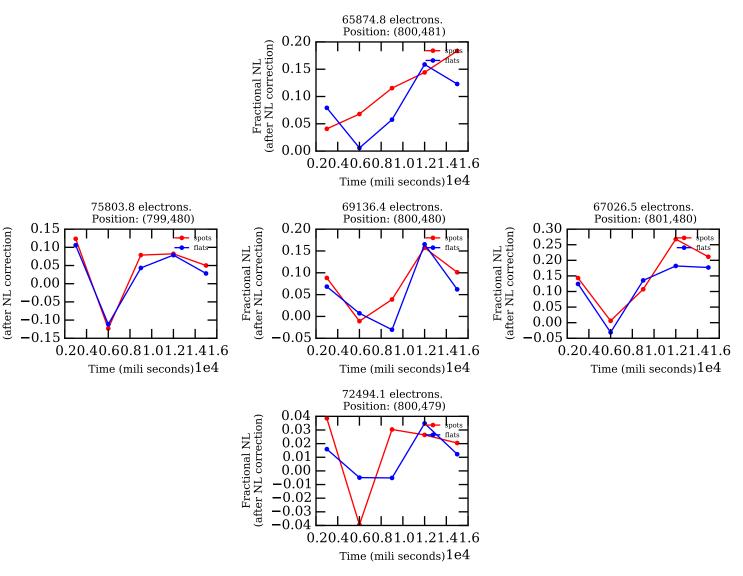
-0.05

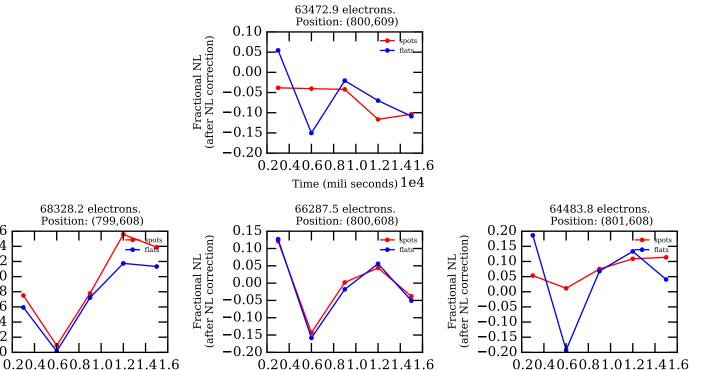
-0.10

-0.15

-0.20

(after NL correction)





Time (mili seconds) 1e4

Time (mili seconds) 1e4

68328.2 electrons.

Position: (799,608)

Time (mili seconds) 1e4

0.16

0.14

0.12

0.10

0.08

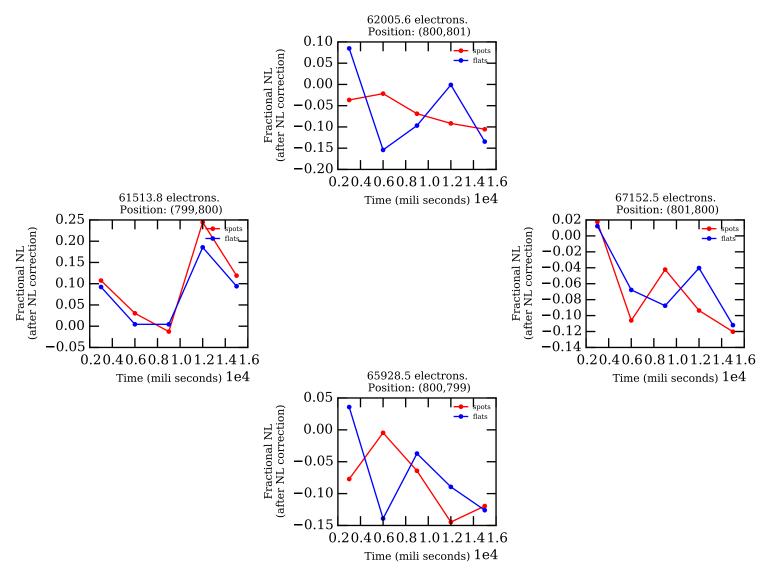
0.06

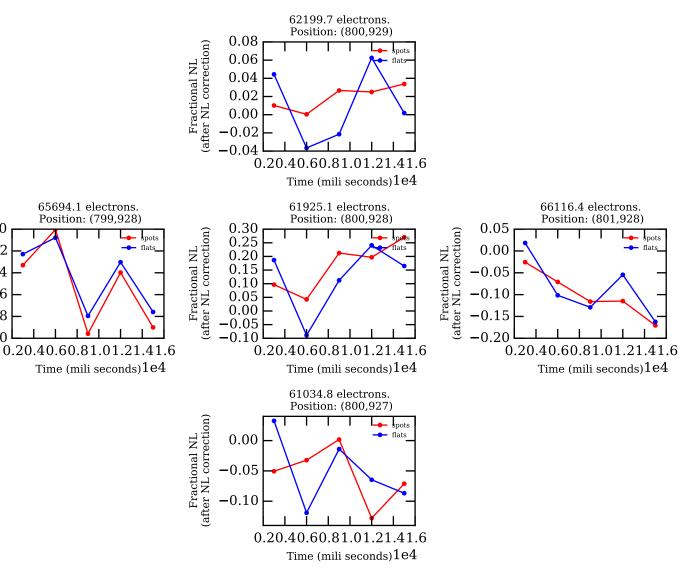
0.04

0.02

0.00

(after NL correction)





-0.02

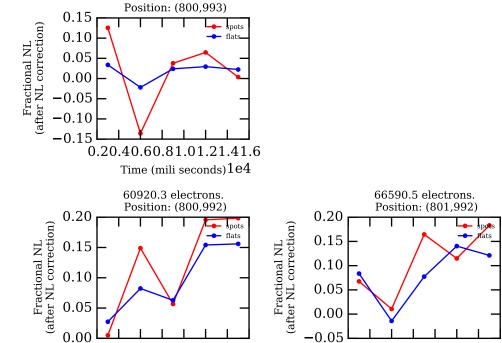
-0.04

-0.06

-0.08

-0.10

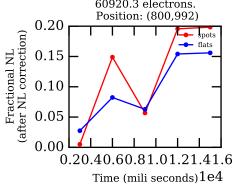
(after NL correction)



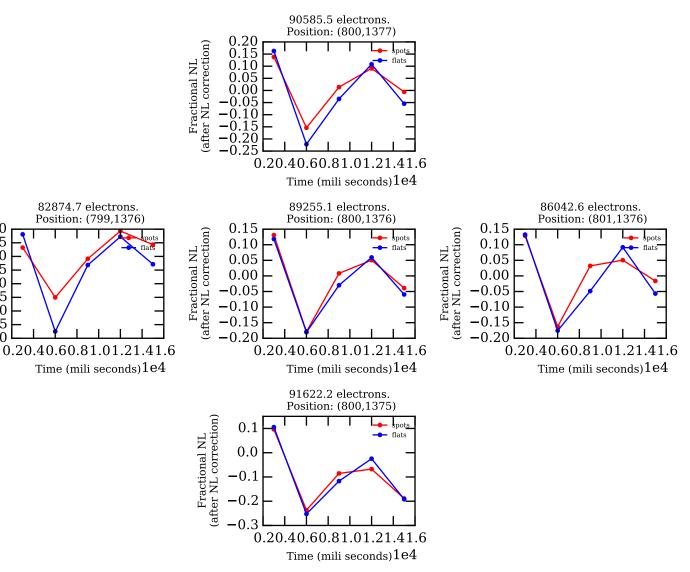
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

66399.1 electrons. Position: (799,992) 0.15 (after NL correction) 0.10 Fractional NL 0.05 0.00 -0.05-0.10-0.15-0.20-0.250.20.40.60.81.01.21.41.6 ${\rm Time\ (mili\ seconds)} 1e4$ 



64294.4 electrons.



0.15

0.10

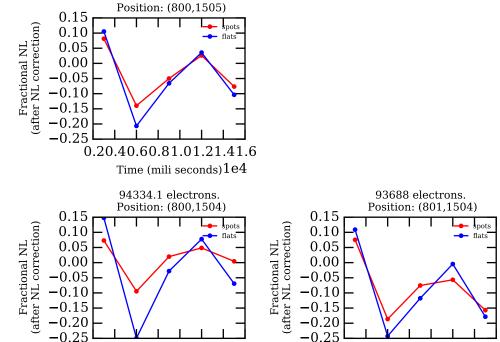
0.05

0.00

-0.05

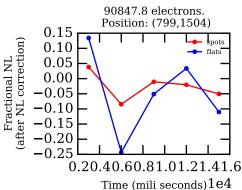
-0.15 -0.20

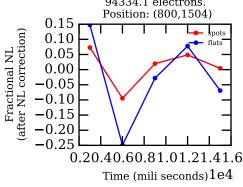
(after NL correction)



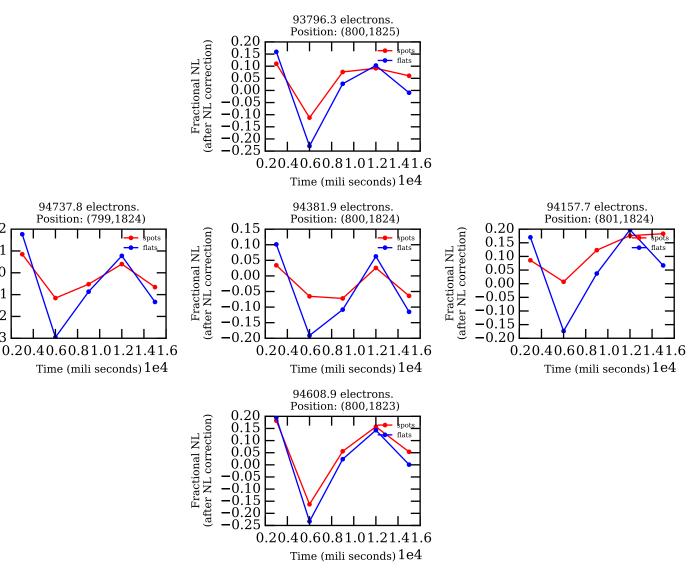
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





94499.9 electrons.



0.1

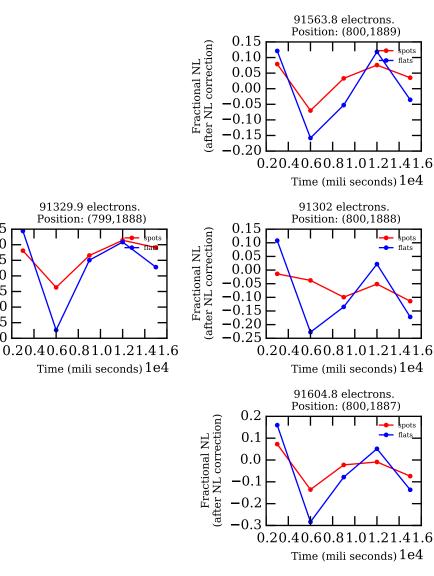
0.0

-0.1

-0.2

-0.3

(after NL correction)



91329.9 electrons.

Position: (799,1888)

0.15

0.10

0.05

0.00

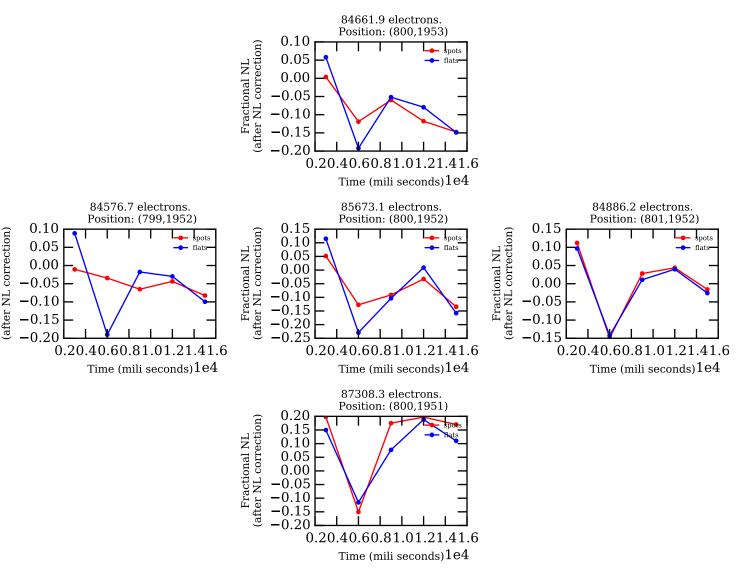
-0.05

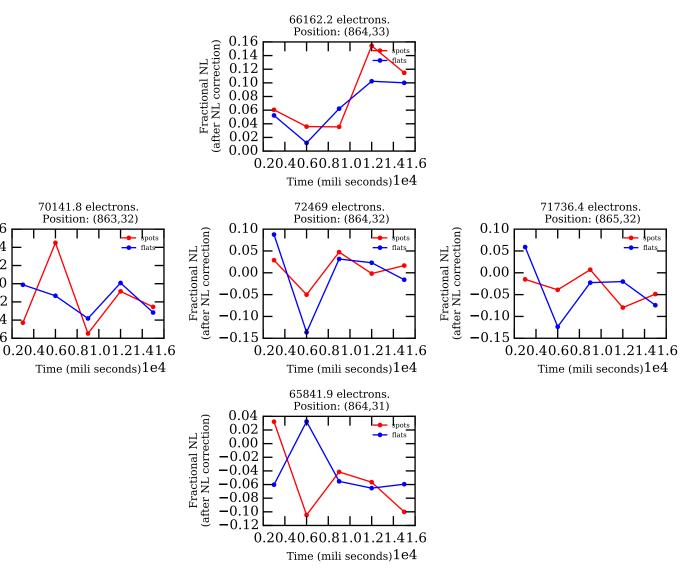
-0.10

-0.15

-0.20

(after NL correction)





0.04

0.02

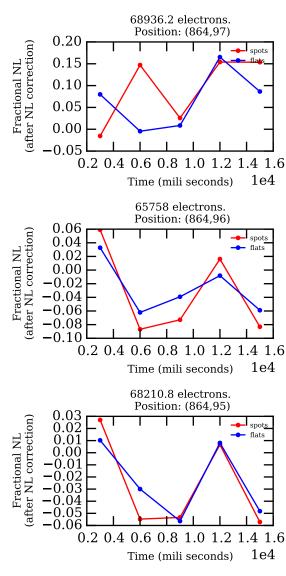
0.00

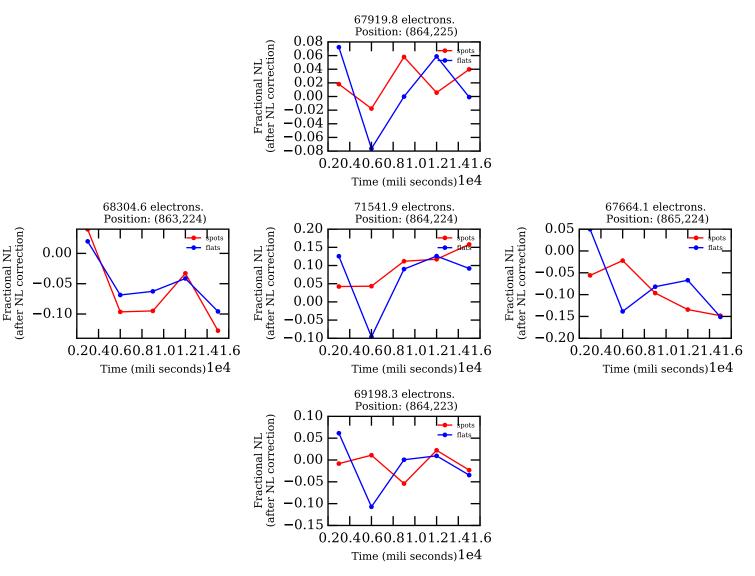
-0.02

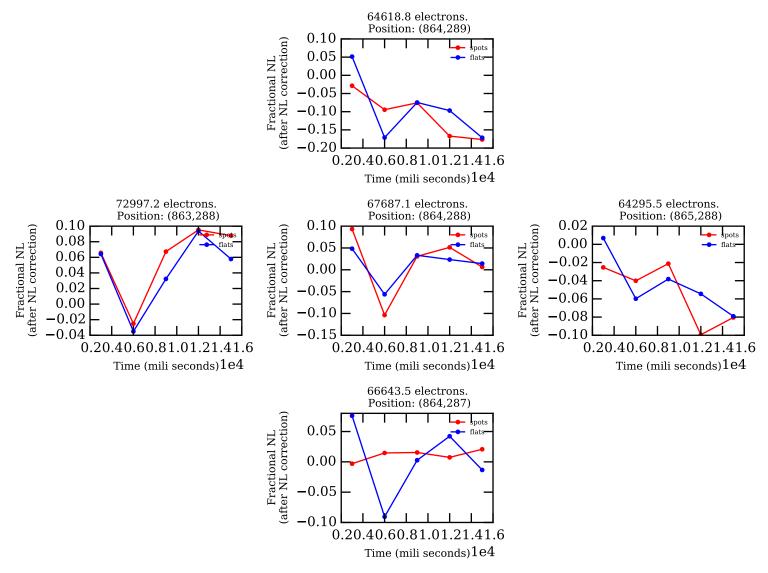
-0.04

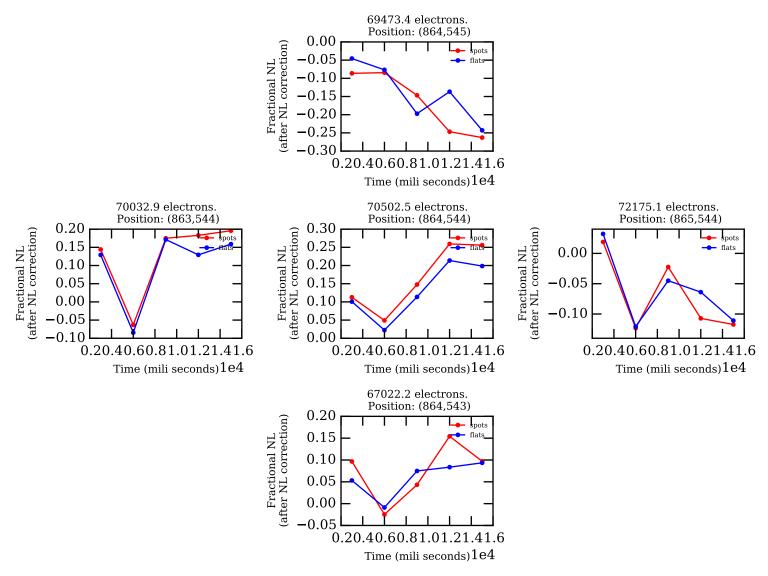
-0.06

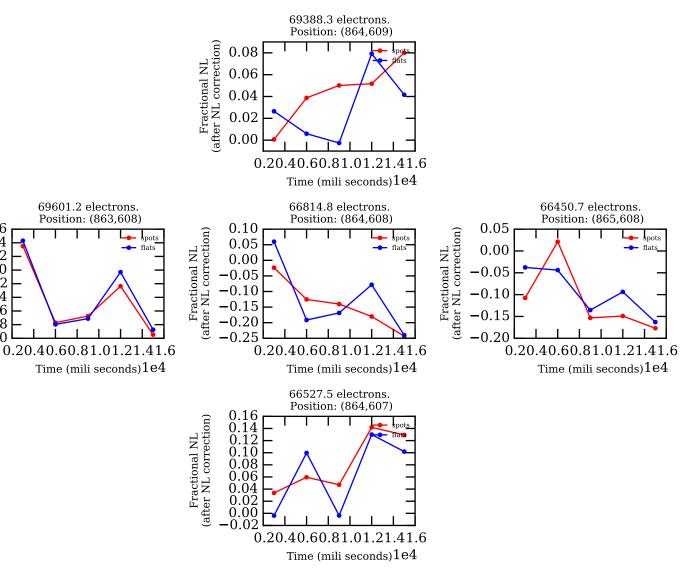
(after NL correction)











69601.2 electrons.

0.06

0.04

0.02

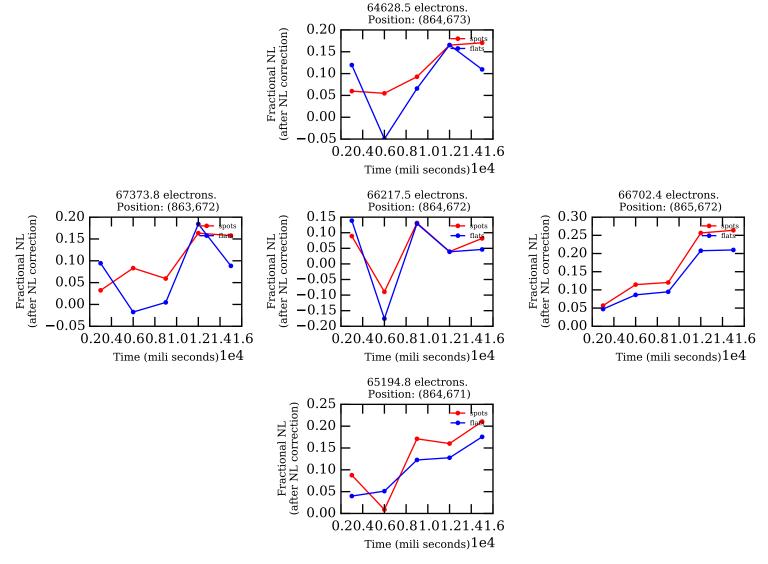
0.00

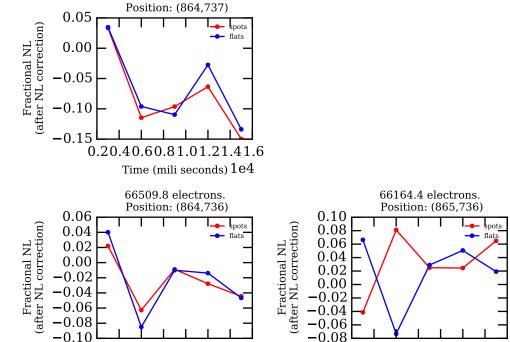
-0.04

-0.06

-0.08

(after NL correction)

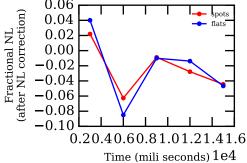




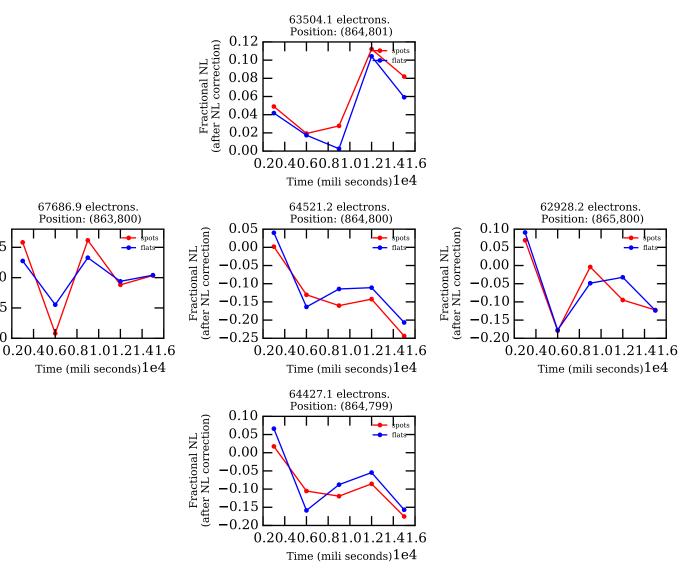
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

67365.1 electrons. Position: (863,736) 0.25 Fractional NL (after NL correction) 0.20 0.15 0.10 0.05 0.00 0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4



61569.9 electrons.



67686.9 electrons.

(after NL correction)

Fractional NL

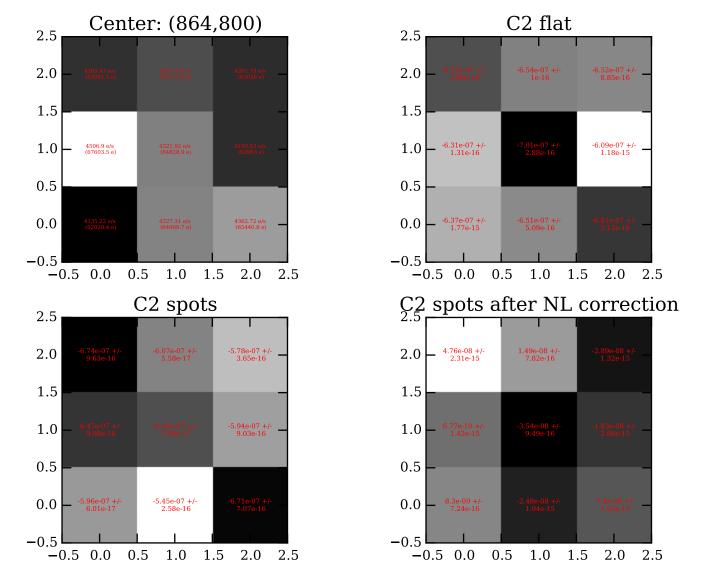
0.05

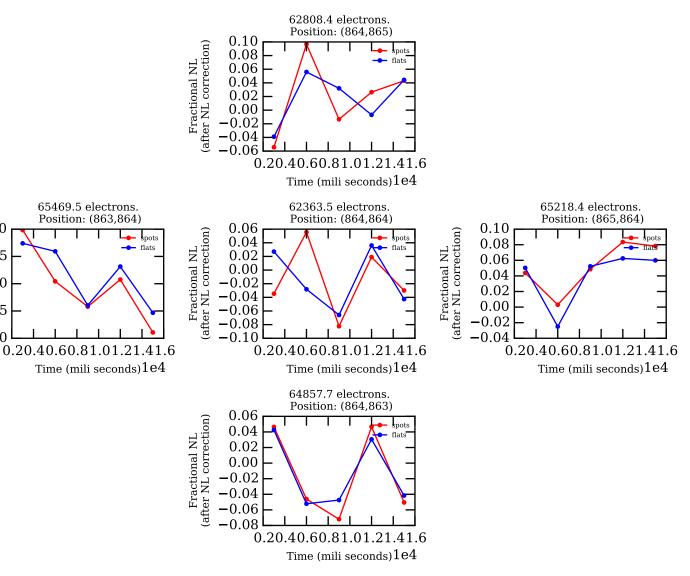
0.00

-0.05

-0.10

Position: (863,800)





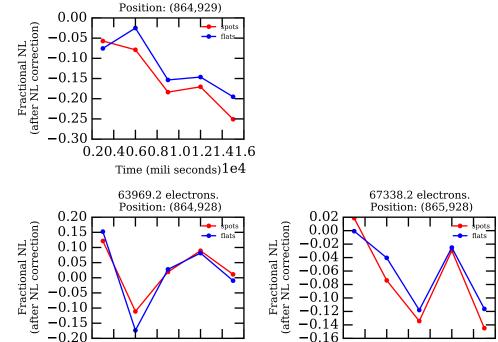
-0.05

-0.10

-0.15

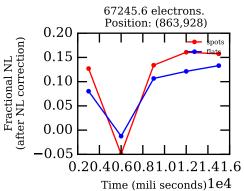
-0.20

(after NL correction)



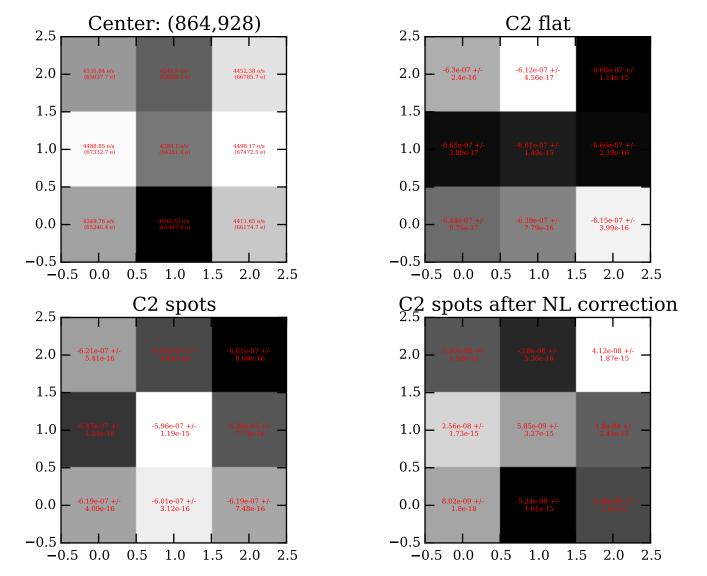
0.20.40.60.81.01.21.41.6

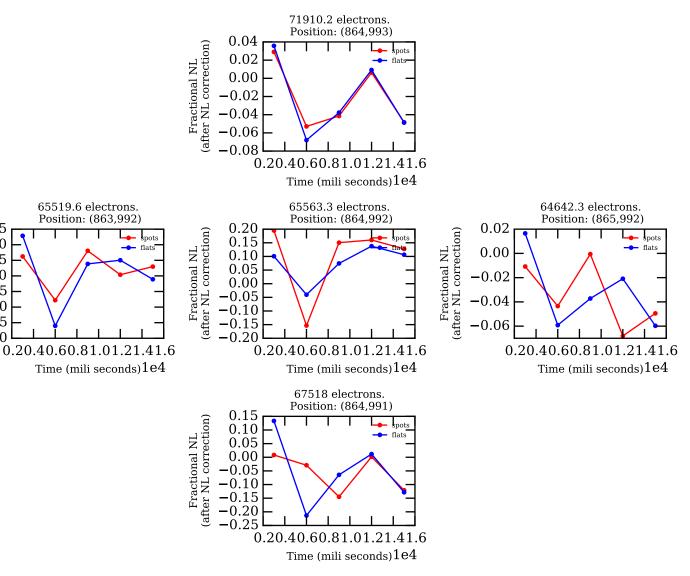
Time (mili seconds) 1e4



-0.200.20.40.60.81.01.21.41.6  ${\rm Time}\;({\rm mili}\;{\rm seconds}) \\ 1e4$ 

63821.5 electrons.





0.10

0.05

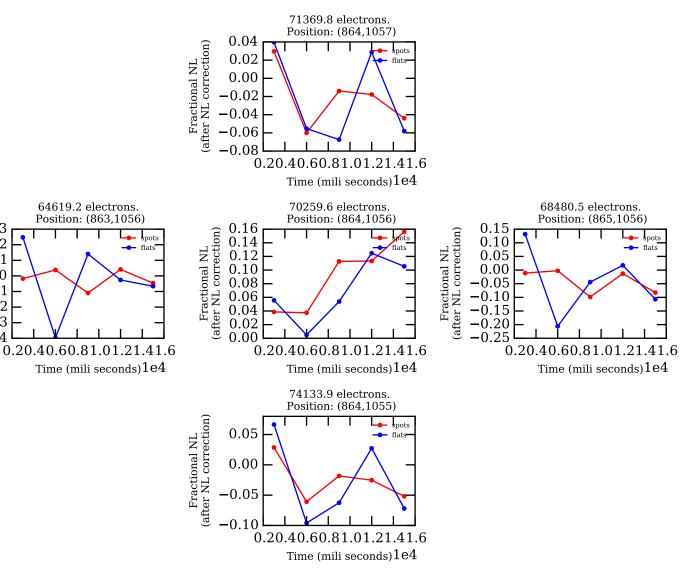
0.00

-0.05

-0.10 -0.15

-0.20

(after NL correction)



0.02

0.01

0.00

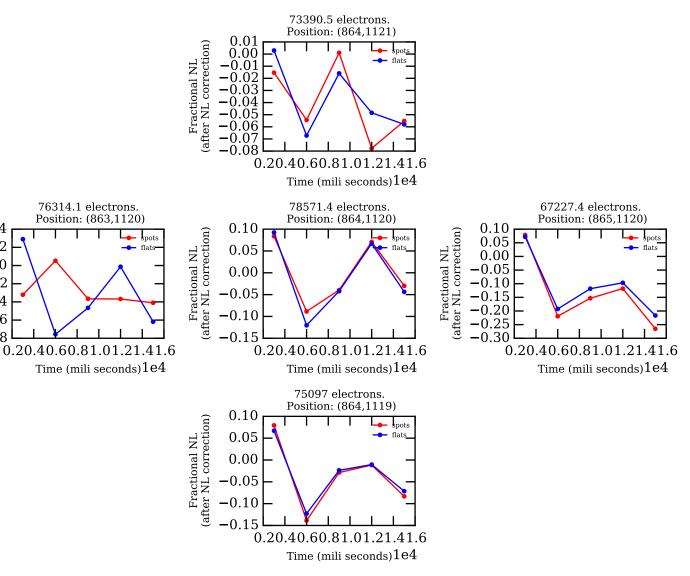
-0.01

-0.02

-0.03

-0.04

(after NL correction)



0.02

0.00

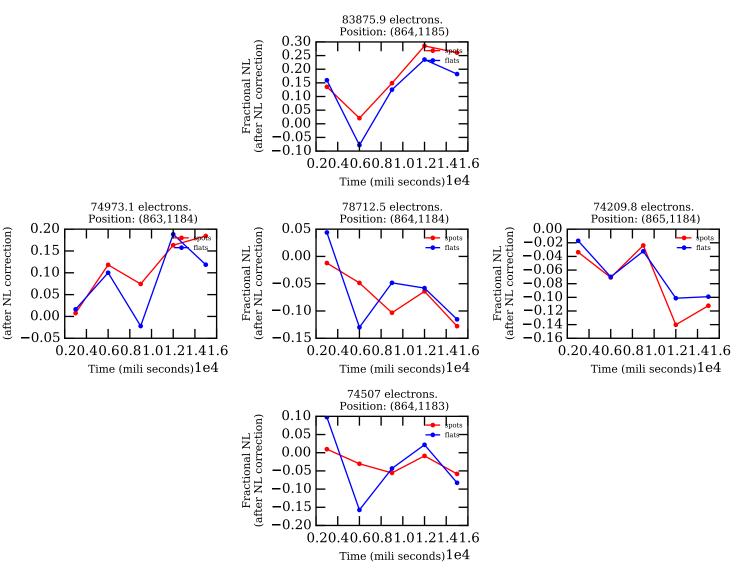
-0.02

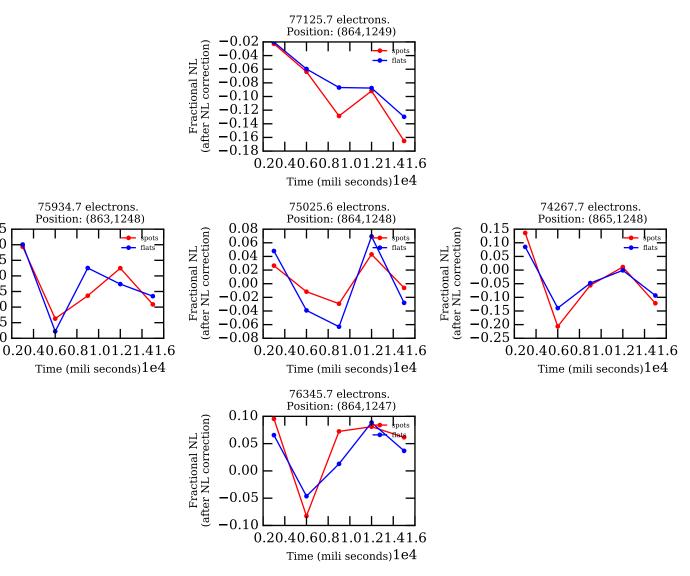
-0.04

-0.06

-0.08

(after NL correction)





0.10

0.05

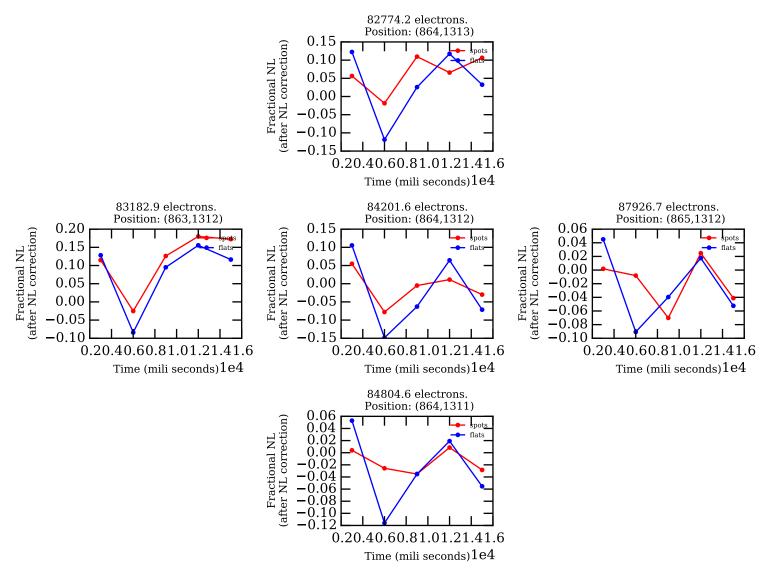
0.00

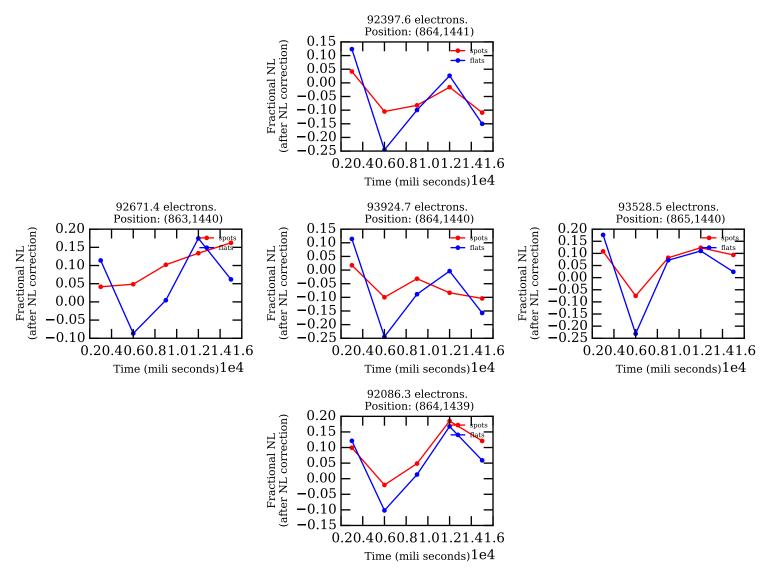
-0.05 -0.10

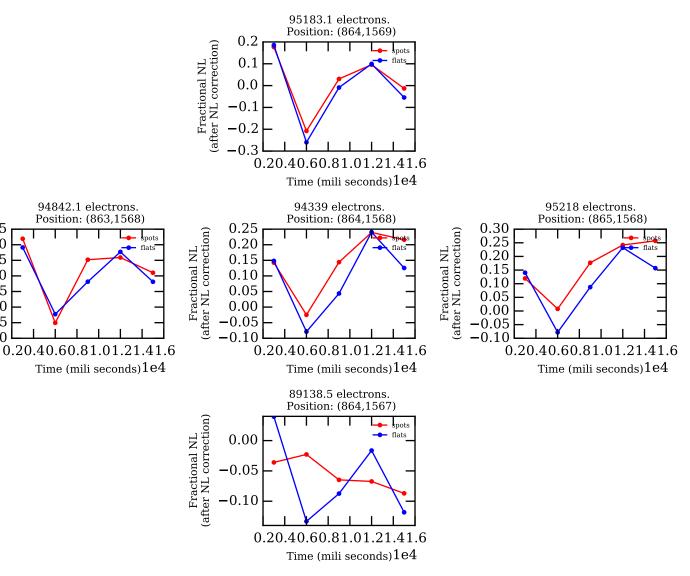
-0.15

-0.20

(after NL correction)







94842.1 electrons.

0.15

0.10

0.05

0.00

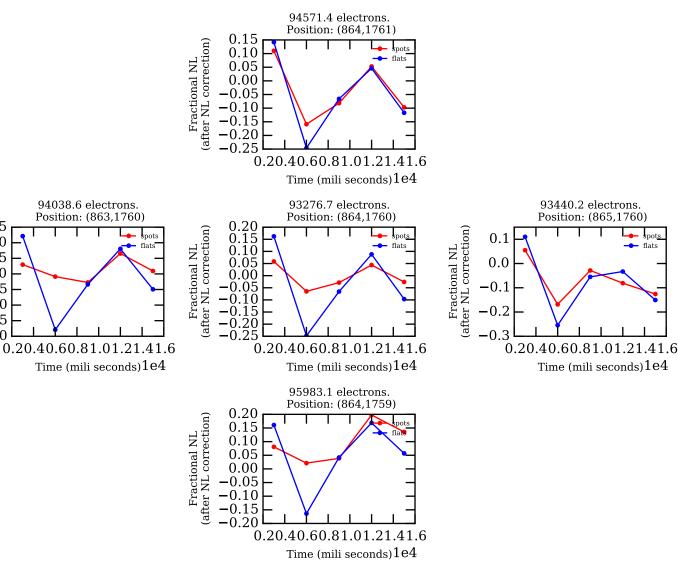
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

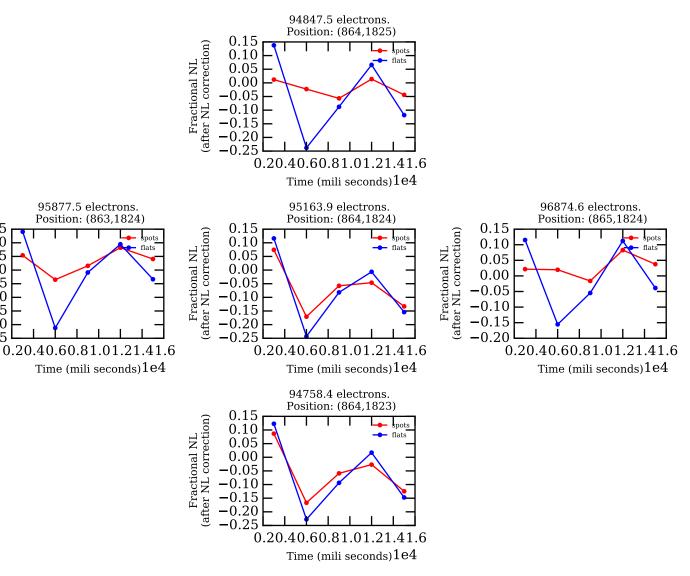
0.05

0.00

-0.05 -0.10

-0.15 -0.20

(after NL correction)



0.10

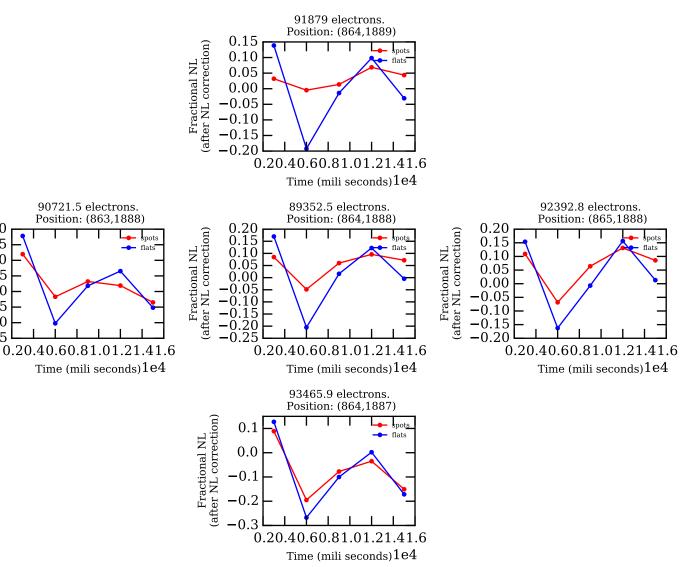
0.05

0.00

-0.05

-0.25

(after NL correction)



0.05

0.00

-0.05

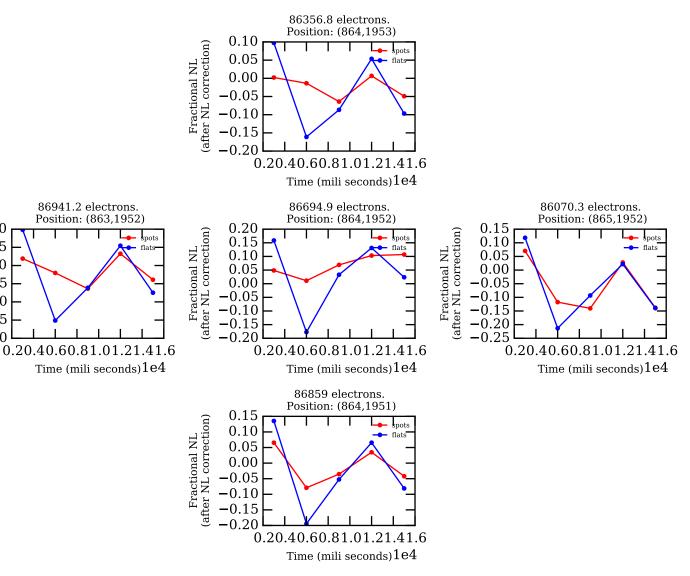
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

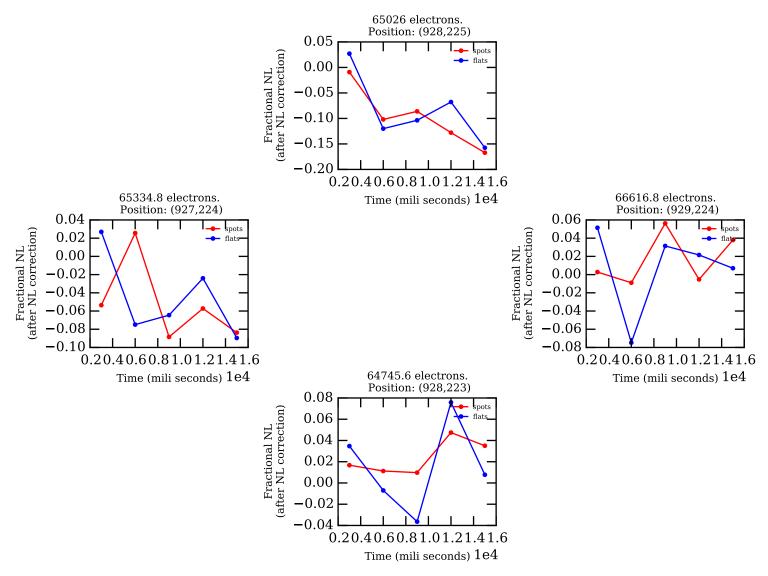
0.00

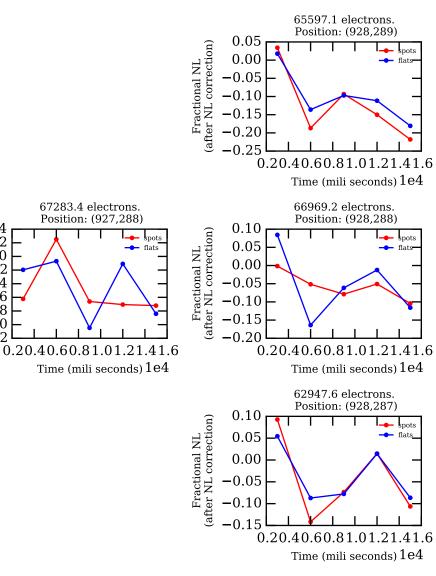
-0.05

-0.10 -0.15

-0.20

(after NL correction)





67283.4 electrons.

0.04

0.02

0.00

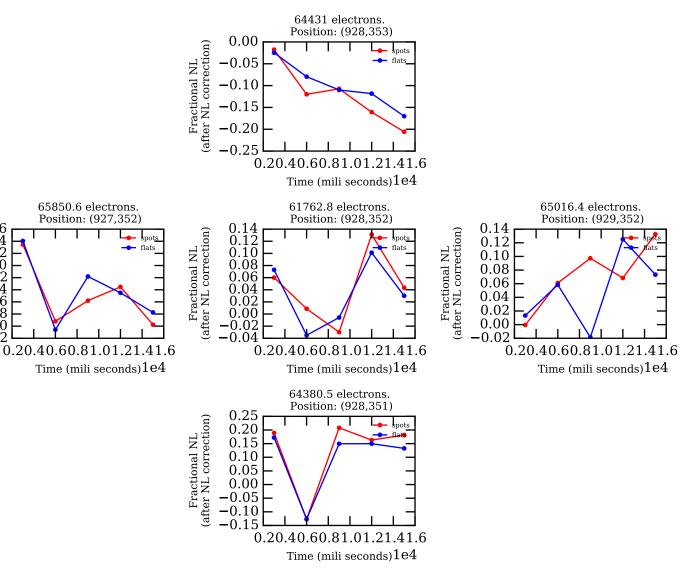
-0.02-0.04

-0.10

(after NL correction)

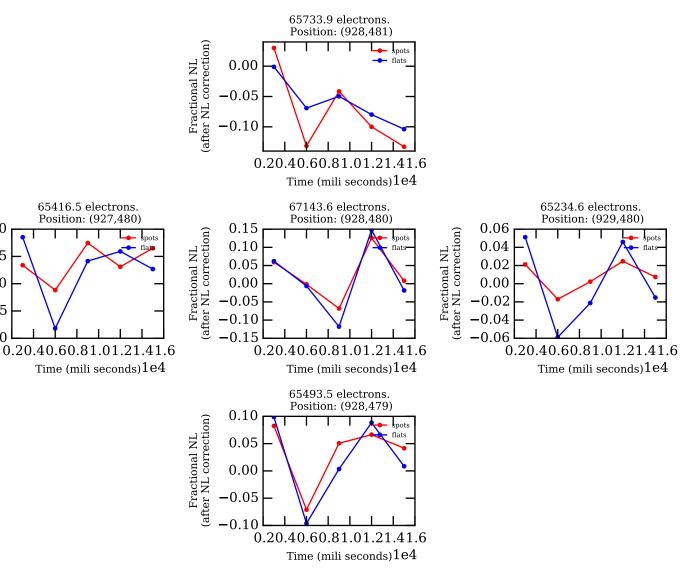
Fractional NL

Position: (927,288)



 $0.04 \\ 0.02$ 

(after NL correction)



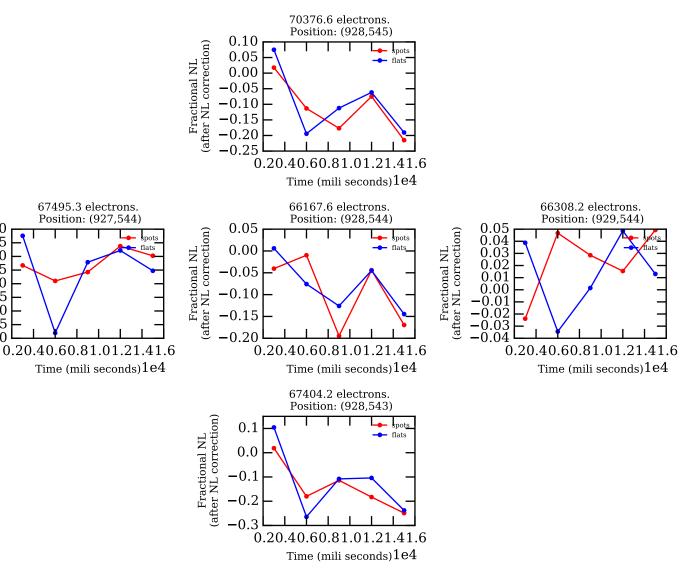
0.05

0.00

-0.05

-0.10

(after NL correction)



0.15

0.10

0.05

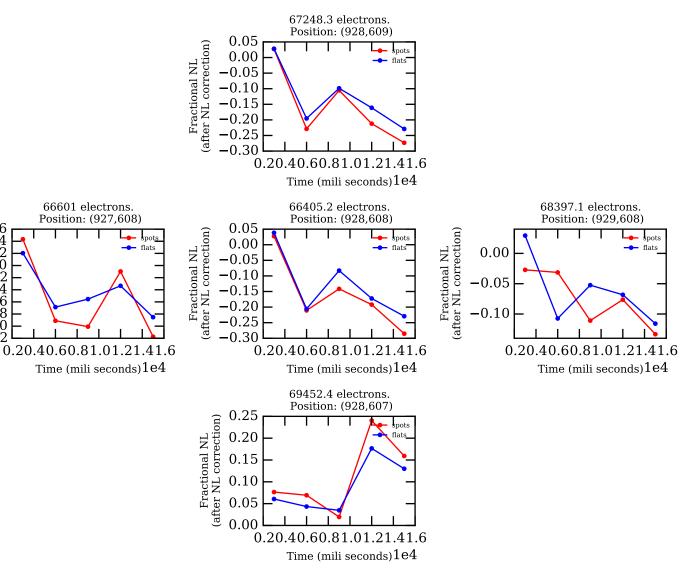
0.00

-0.05

-0.15

-0.20

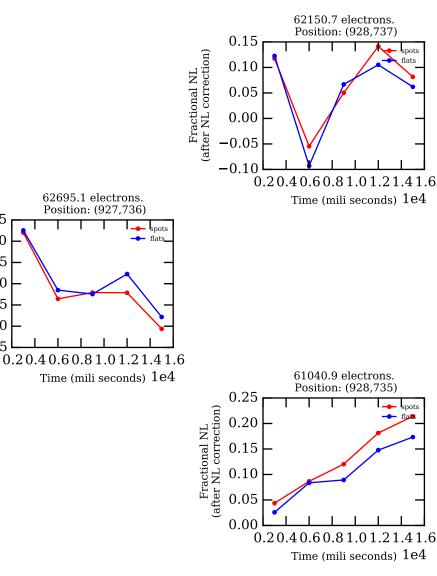
(after NL correction)



66601 electrons.

 $0.06 \\ 0.04 \\ 0.02$ 

(after NL correction)



62695.1 electrons.

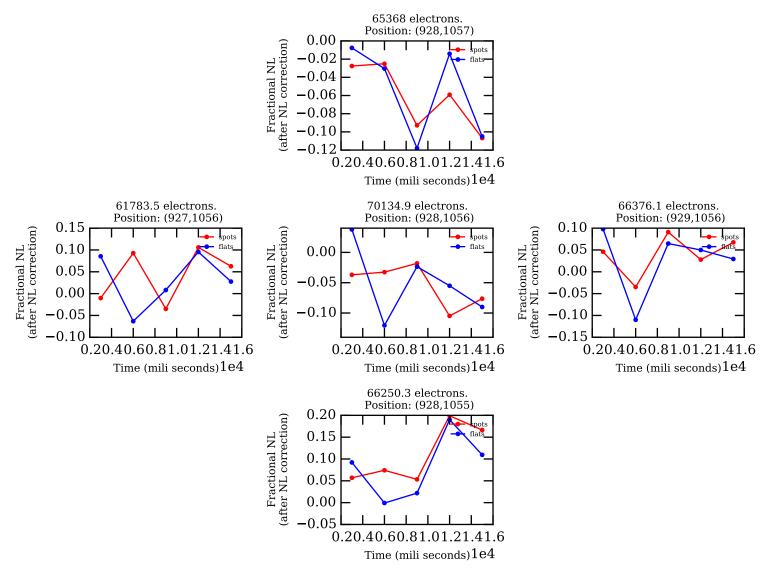
Position: (927,736)

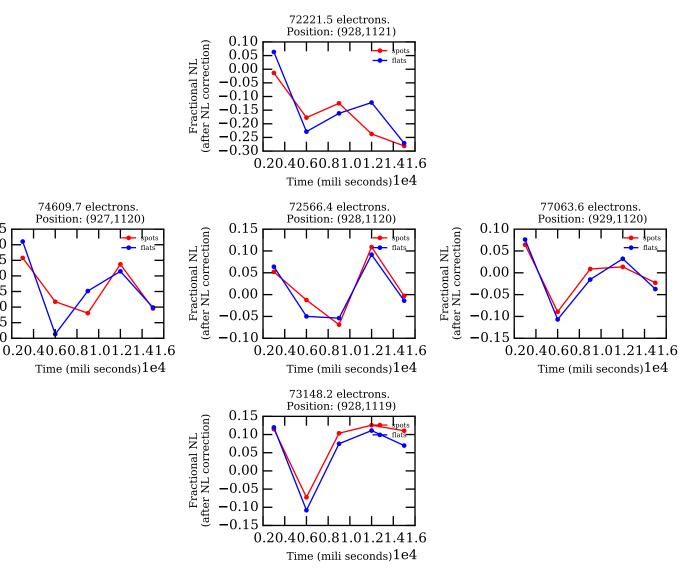
0.05

0.00

-0.05-0.10-0.15-0.20-0.25

(after NL correction)





0.10

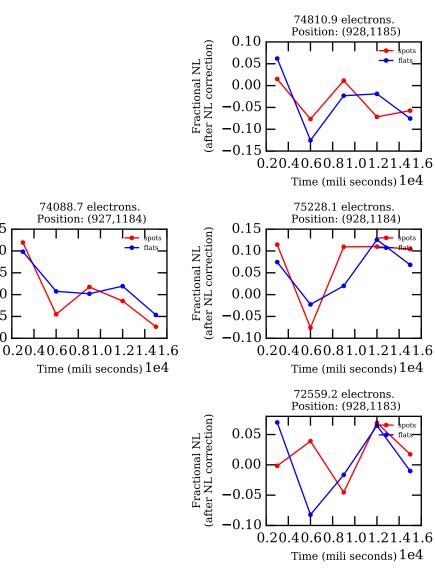
0.05

 $0.00 \\ -0.05$ 

-0.10

-0.15 -0.20

(after NL correction)



74088.7 electrons.

0.05

0.00

-0.05

-0.10

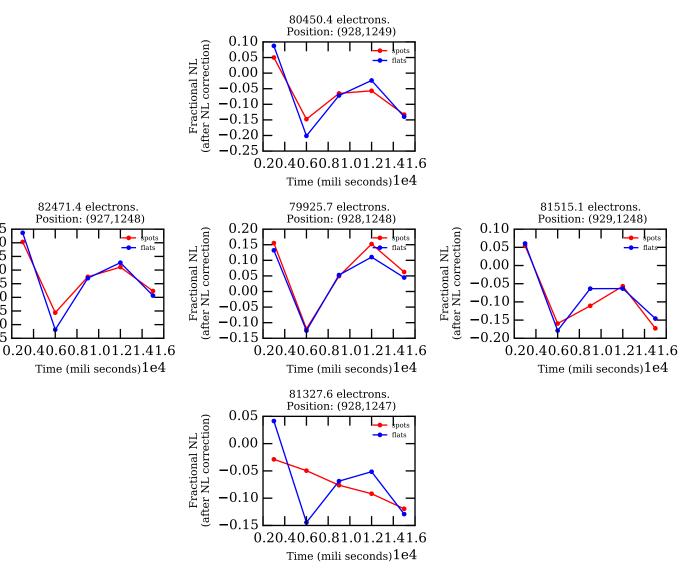
-0.15

-0.20

(after NL correction)

Fractional NL

Position: (927,1184)



0.10

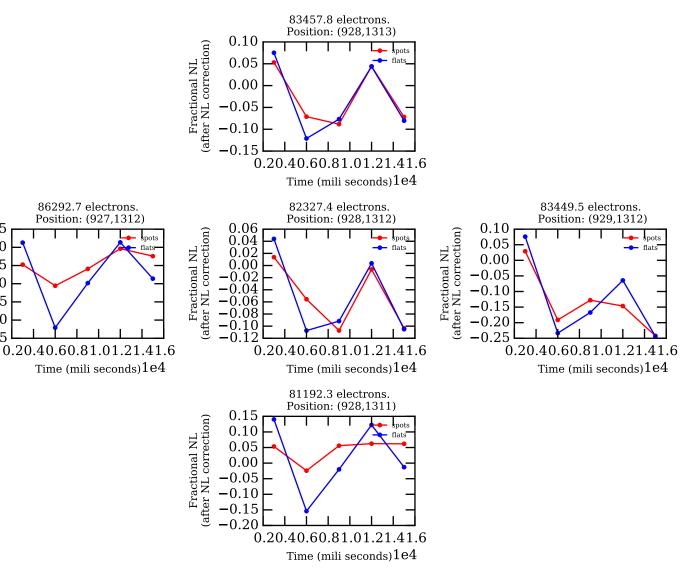
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

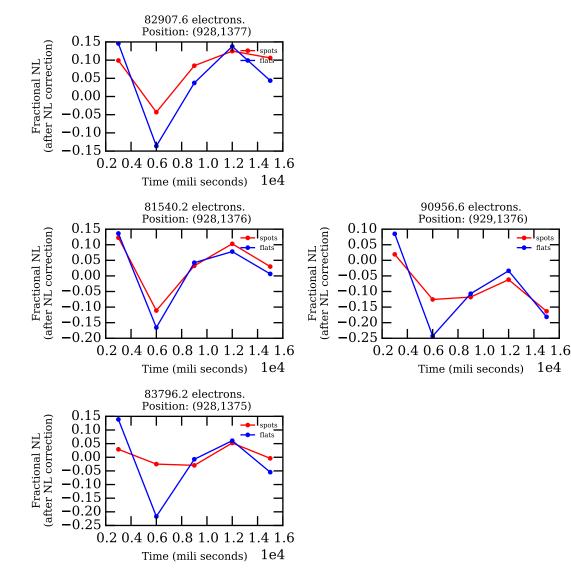
0.00

-0.05

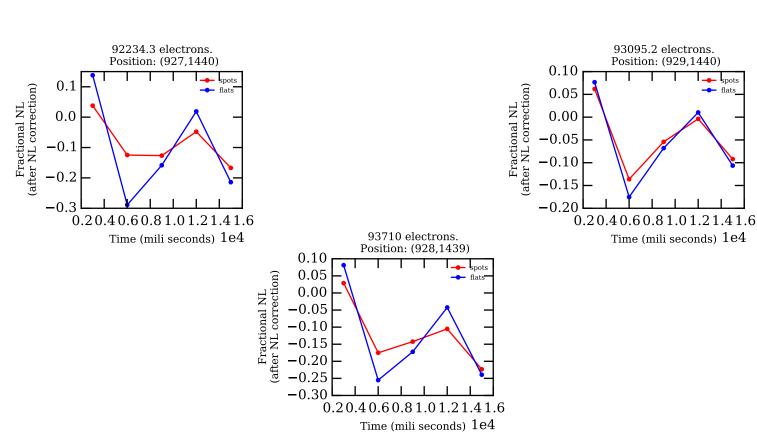
-0.10

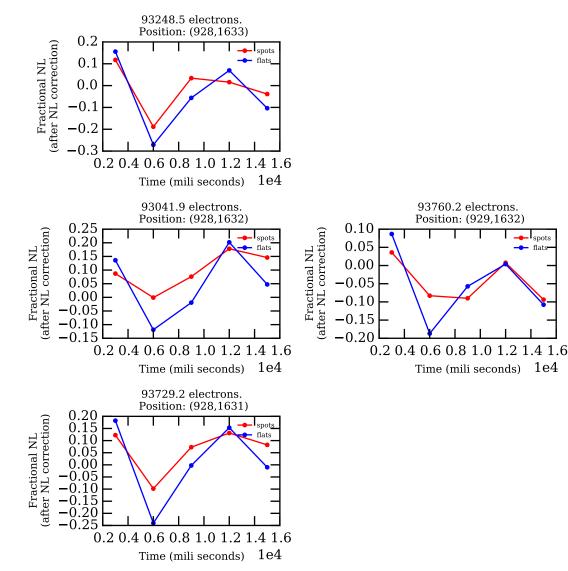
-0.15

(after NL correction)



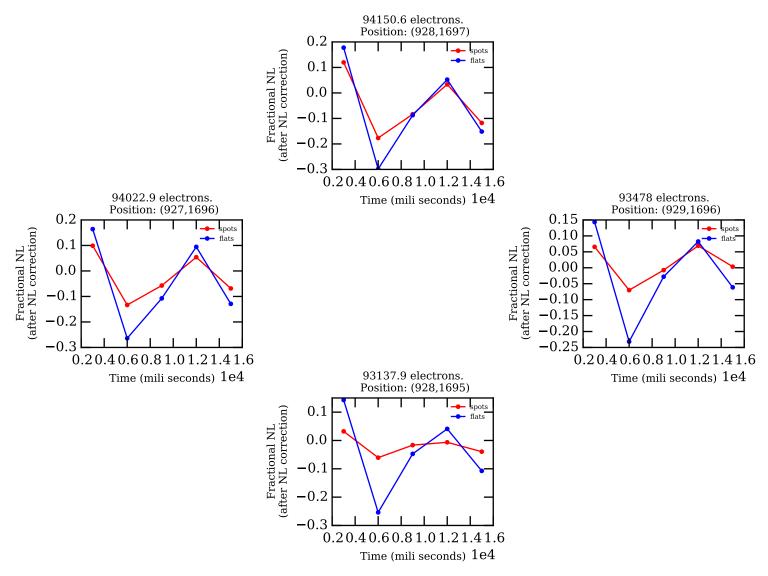
1e4

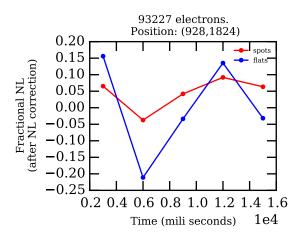


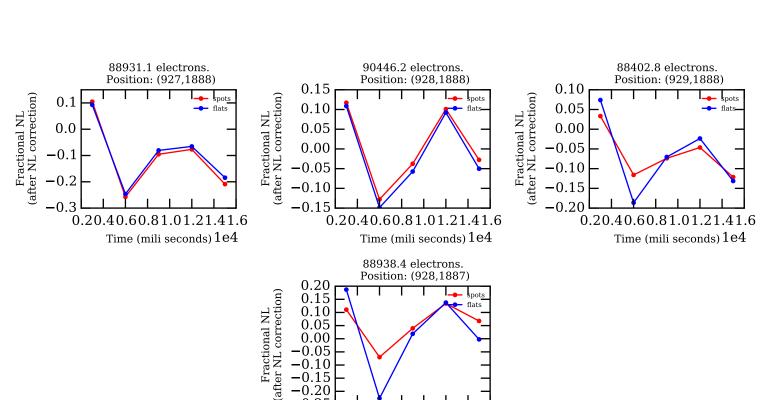


flats

1e4

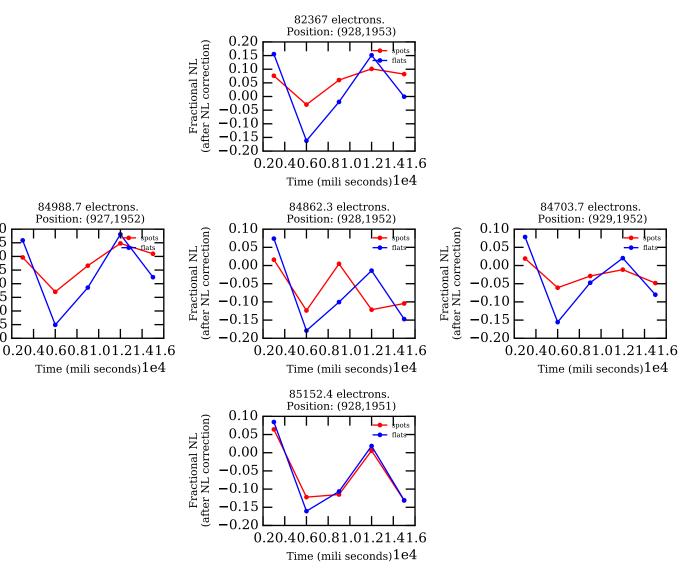






0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.20 -0.25



0.15

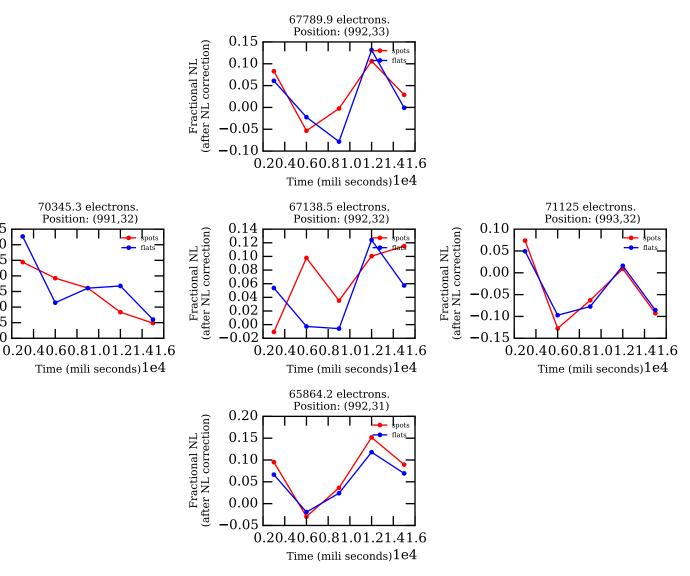
0.10

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

-0.05

-0.15 -0.20

(after NL correction)



0.00

-0.05

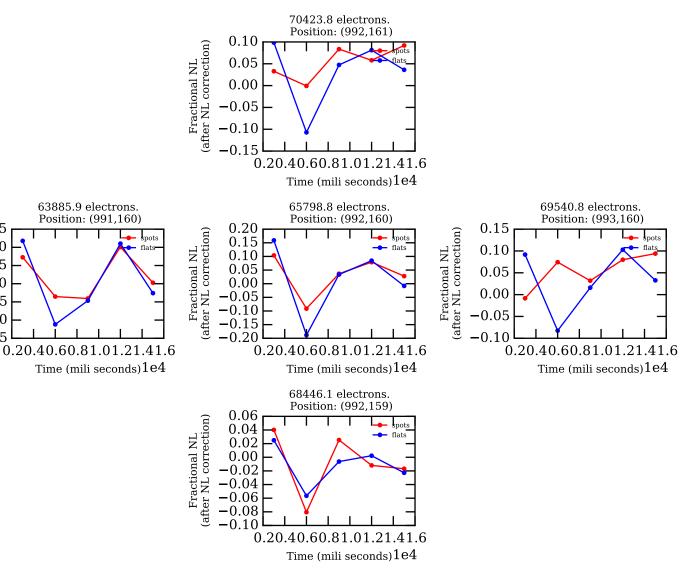
-0.10

-0.15

-0.20

-0.25 -0.30

(after NL correction)



0.10

0.05

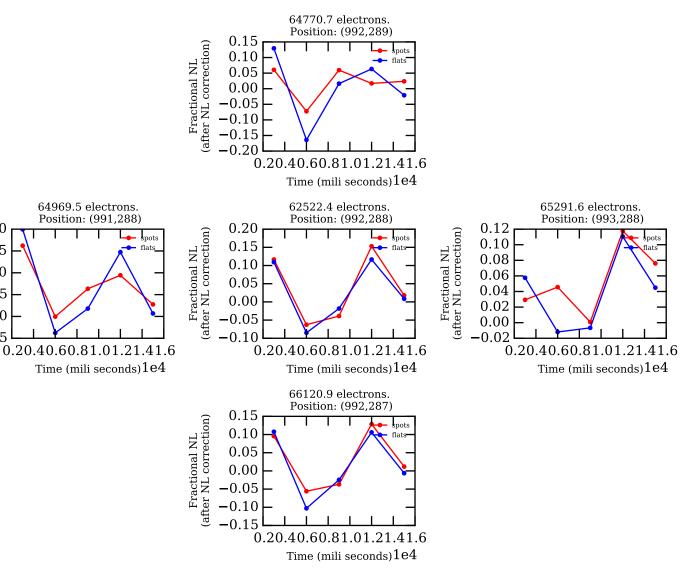
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.05

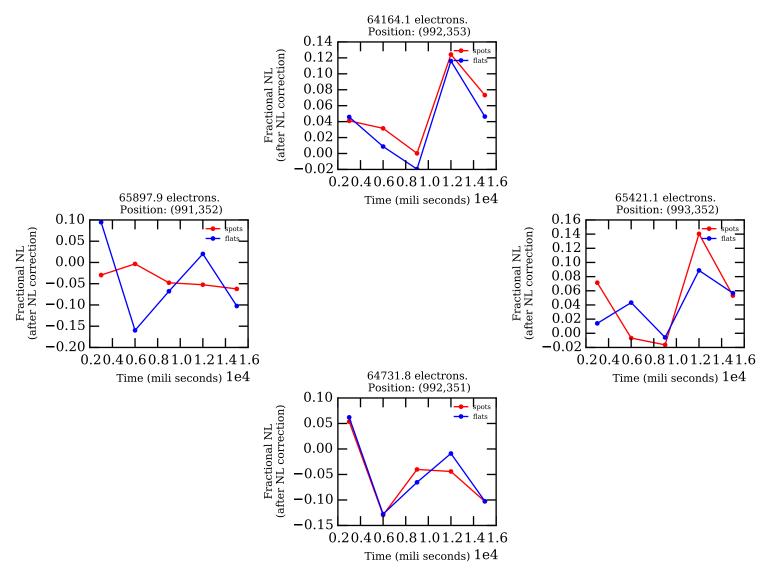
0.00

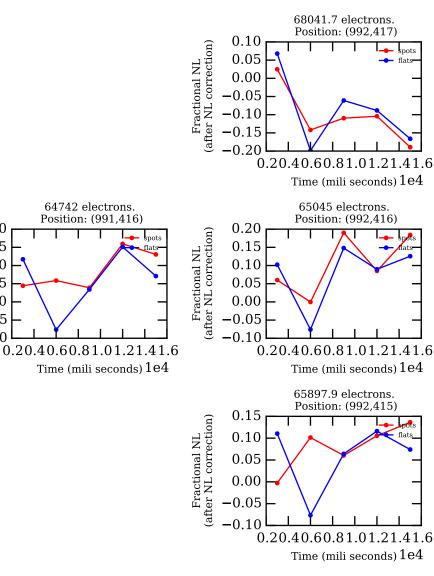
-0.05

-0.10

-0.15

(after NL correction)





64742 electrons.

0.20

0.15

0.10

0.05

0.00

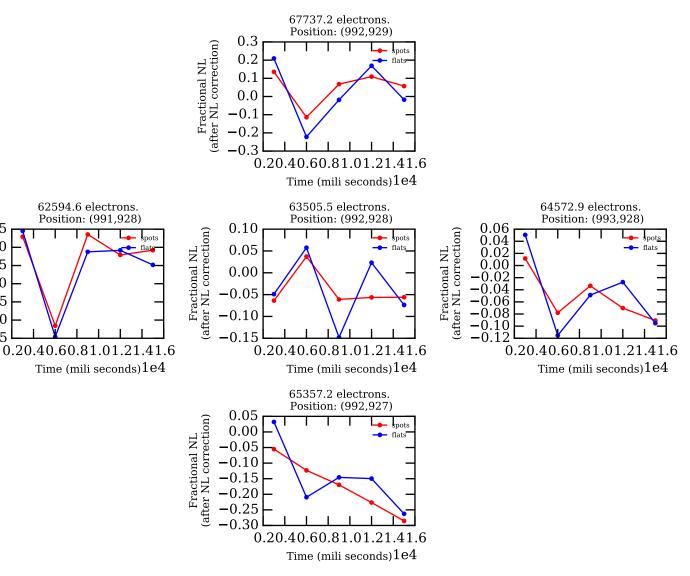
-0.05

-0.10

(after NL correction)

Fractional NL

Position: (991,416)



0.10

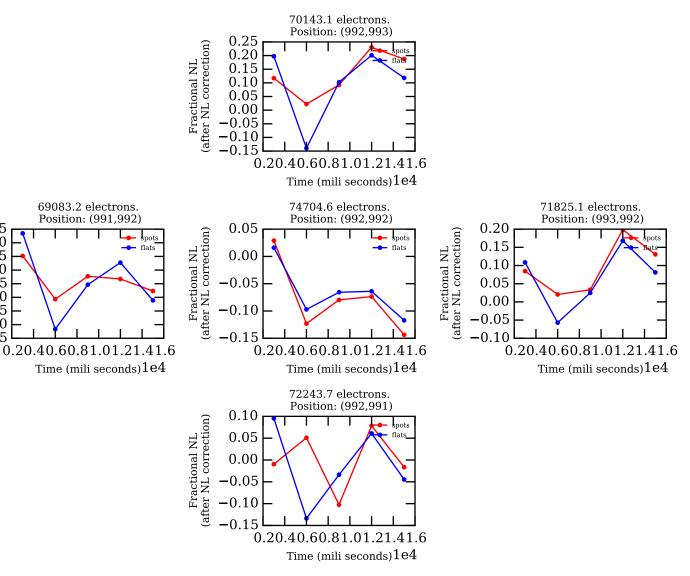
0.05

0.00

-0.05

-0.10 -0.15

(after NL correction)



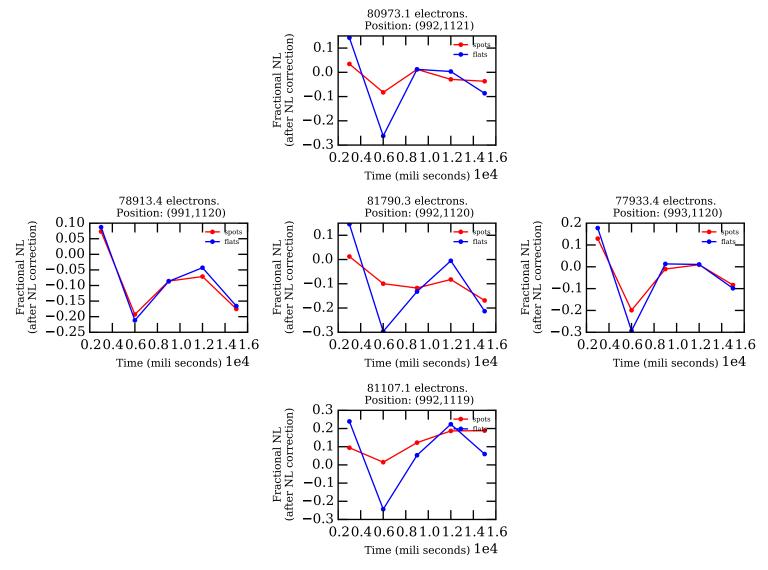
0.10

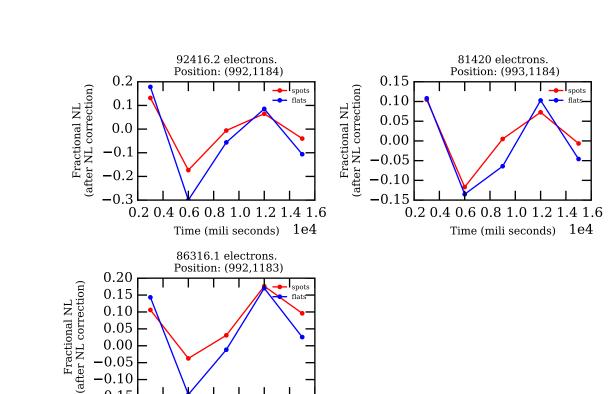
0.05

 $0.00 \\ -0.05$ 

-0.25

(after NL correction)

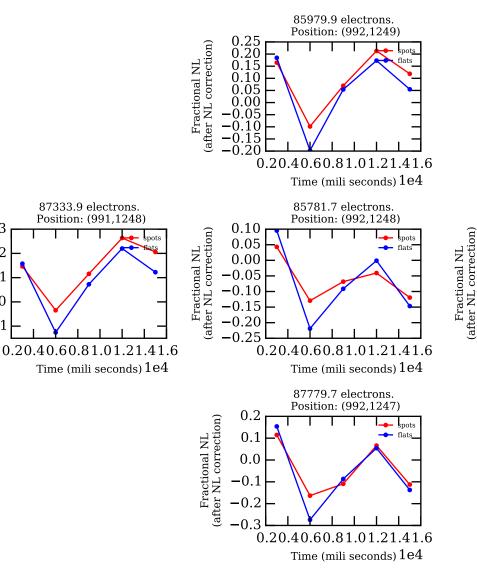




1e4

-0.15

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



85399.1 electrons.

0.3

0.2

0.1

0.0

-0.1

Position: (993,1248)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

87333.9 electrons.

Position: (991,1248)

0.3

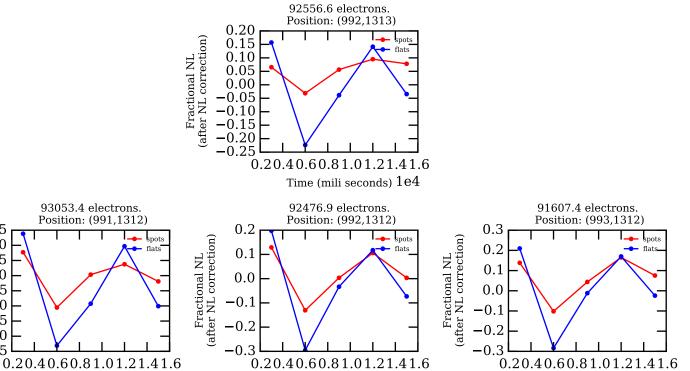
0.2

0.1

0.0

-0.1

(after NL correction)



Time (mili seconds) 1e4

Time (mili seconds) 1e4

0.15

0.10

0.05

0.00

-0.05

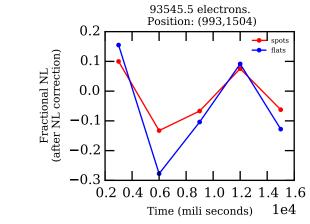
-0.10

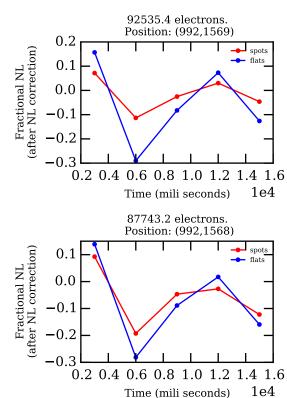
-0.15

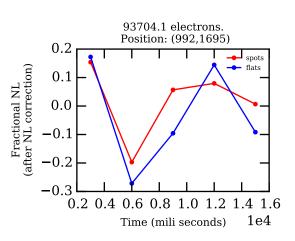
-0.20 -0.25

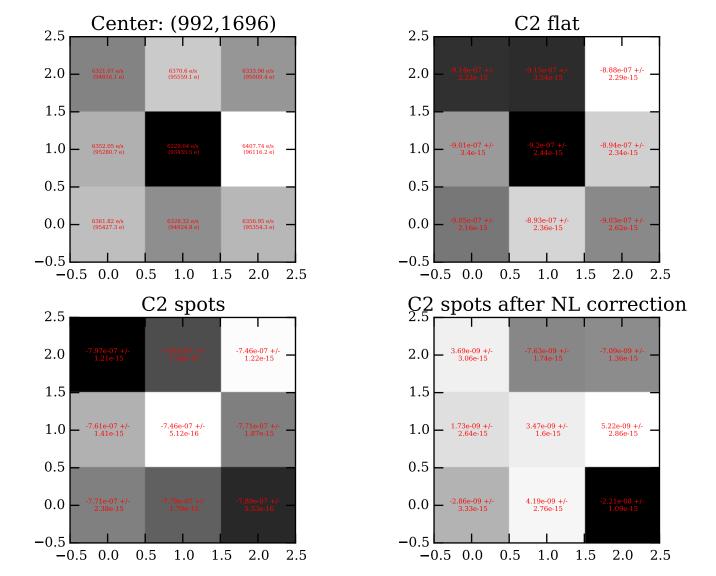
Time (mili seconds) 1e4

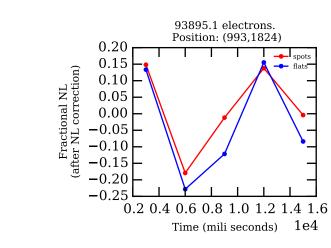
(after NL correction)

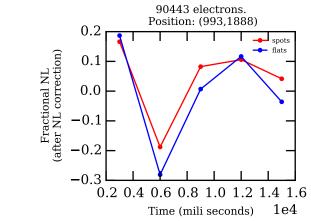


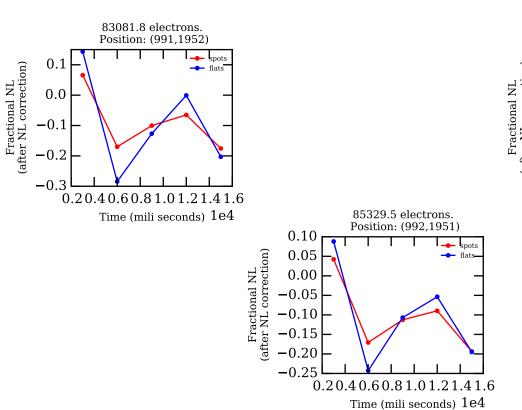


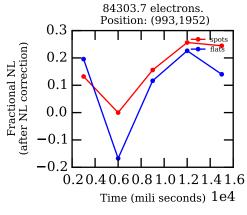


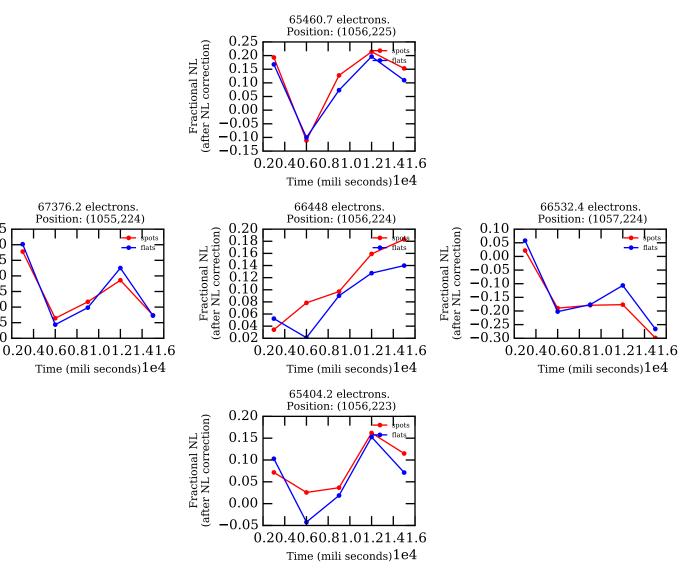












0.10

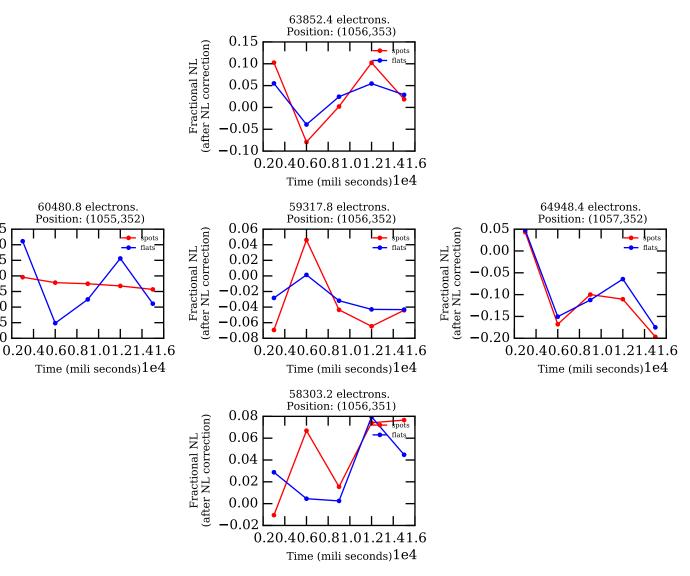
0.05

0.00

-0.05-0.10

-0.15 -0.20

(after NL correction)



0.10

0.05

0.00

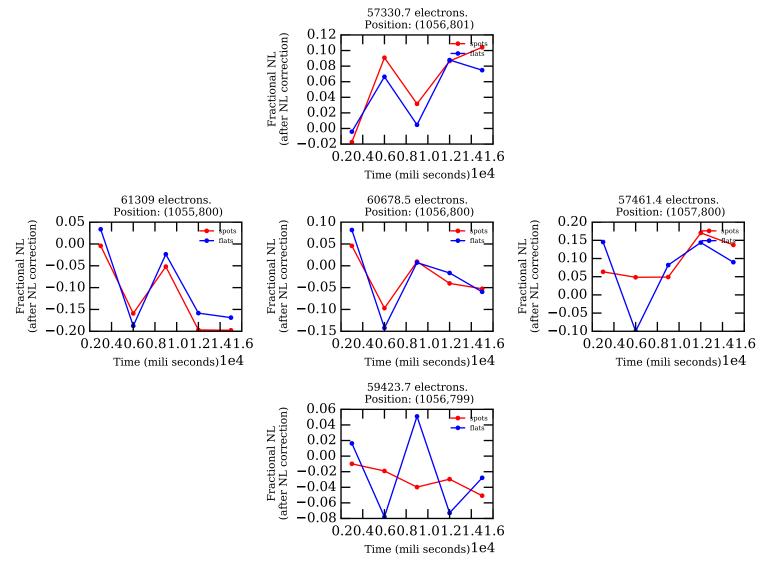
-0.05

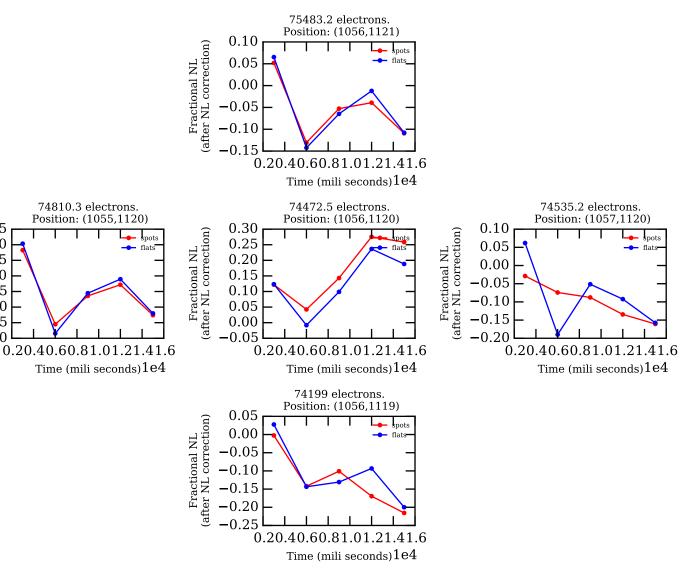
-0.10

-0.15

-0.20

(after NL correction)





0.10

0.05

0.00

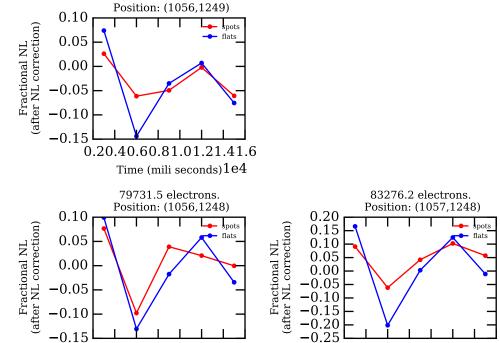
-0.05

-0.10

-0.15

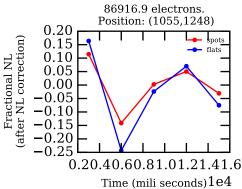
-0.20

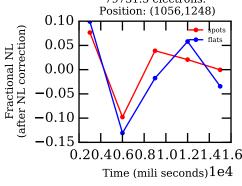
(after NL correction)



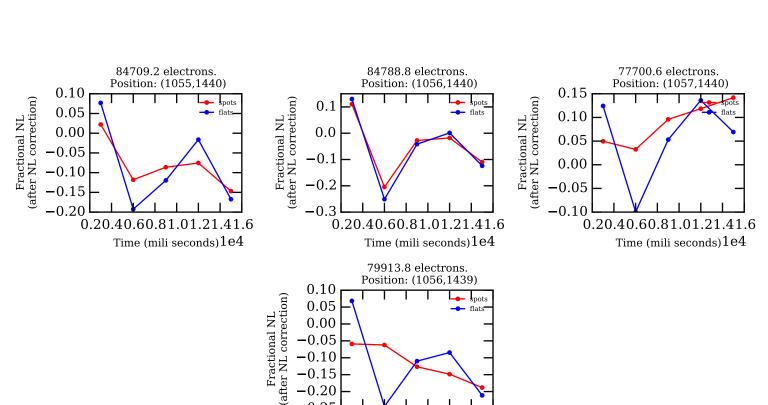
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4



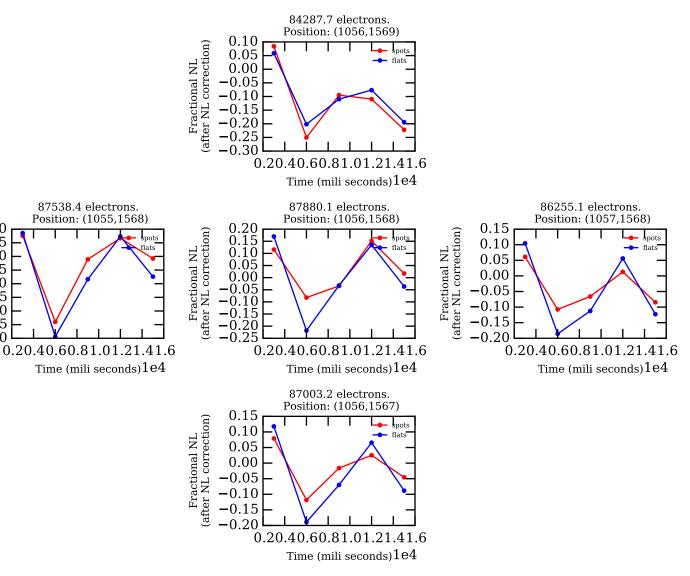


81154.4 electrons.



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.20-0.25



0.15

0.10

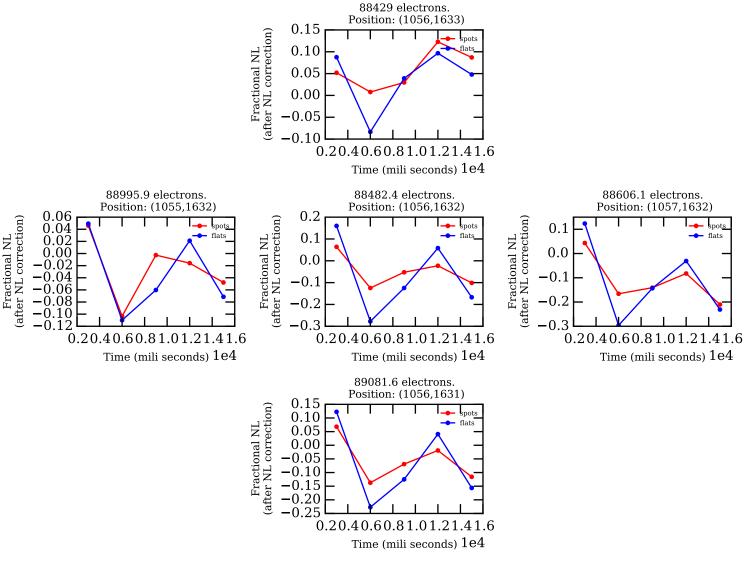
0.05

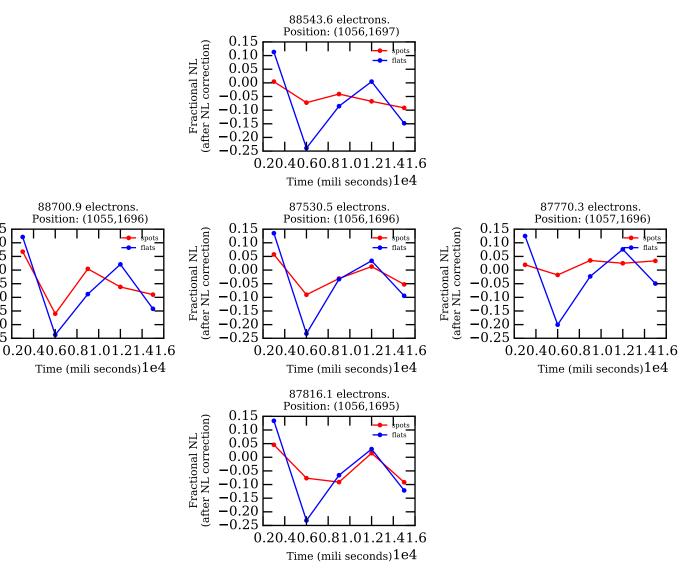
0.00

-0.05

-0.15 -0.20

(after NL correction)





0.10

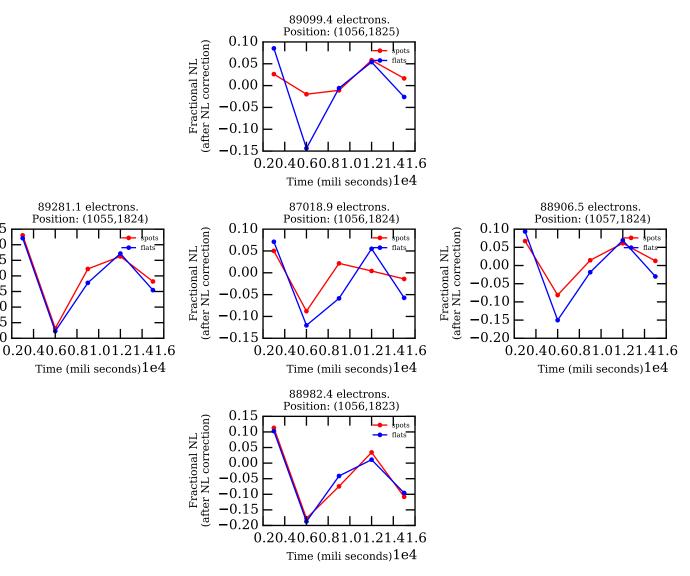
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

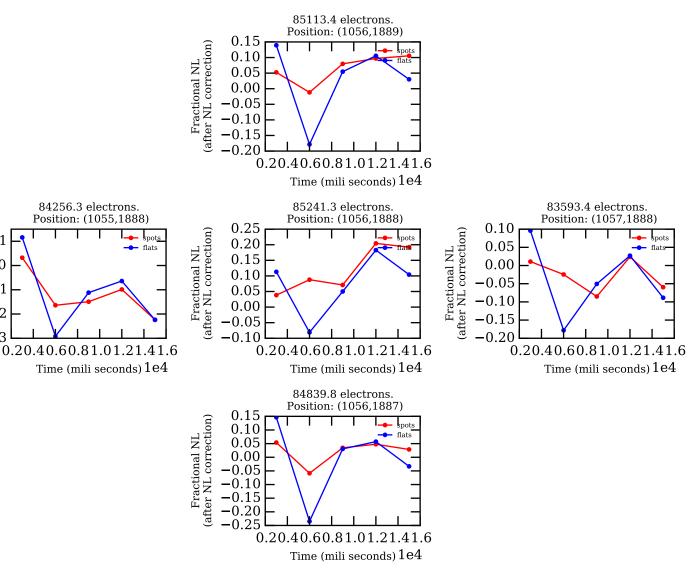
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



(after NL correction)

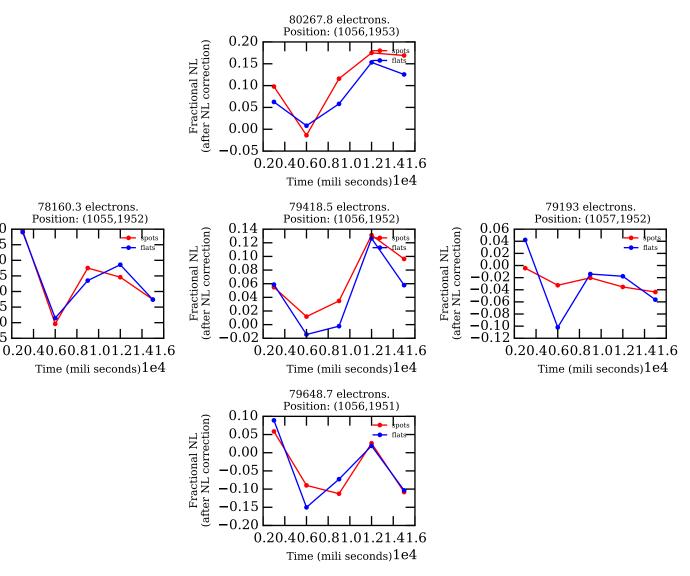
Fractional NL

0.1

0.0

-0.1

-0.2



0.05

0.00

-0.05

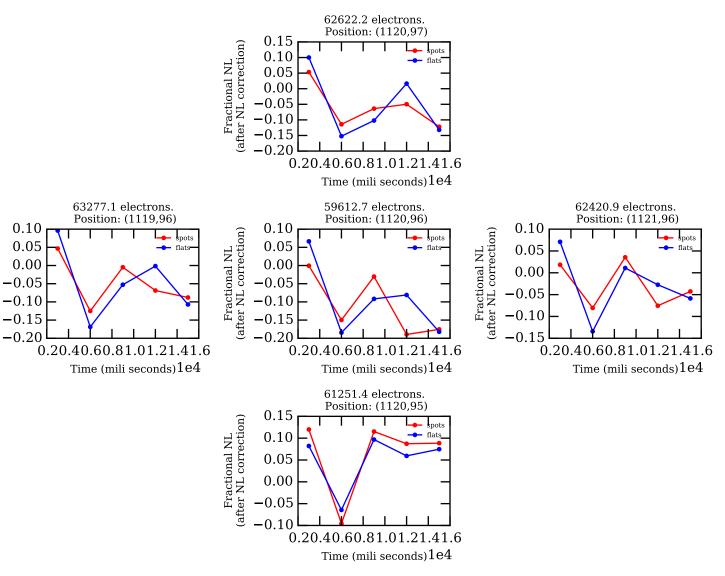
-0.10

-0.15

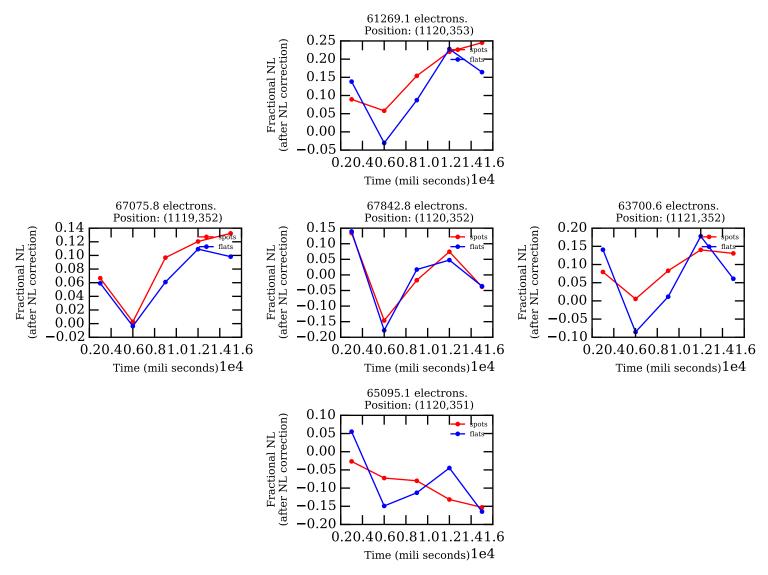
-0.20

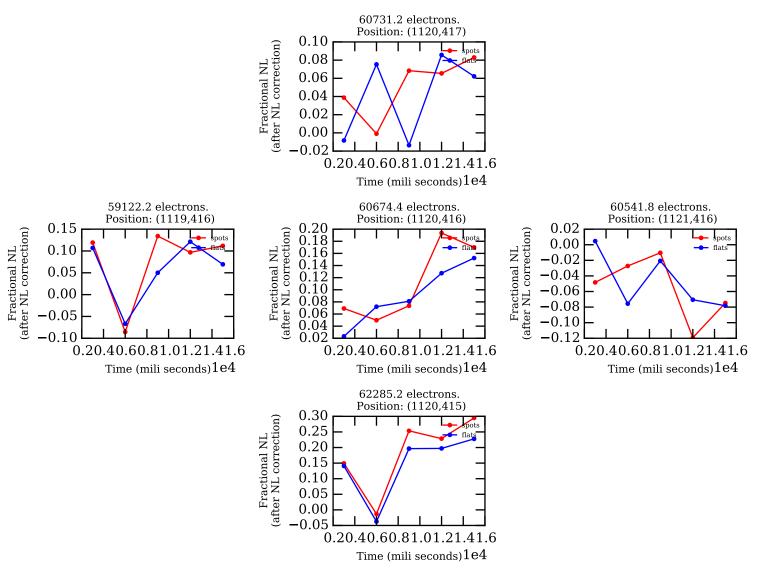
-0.25

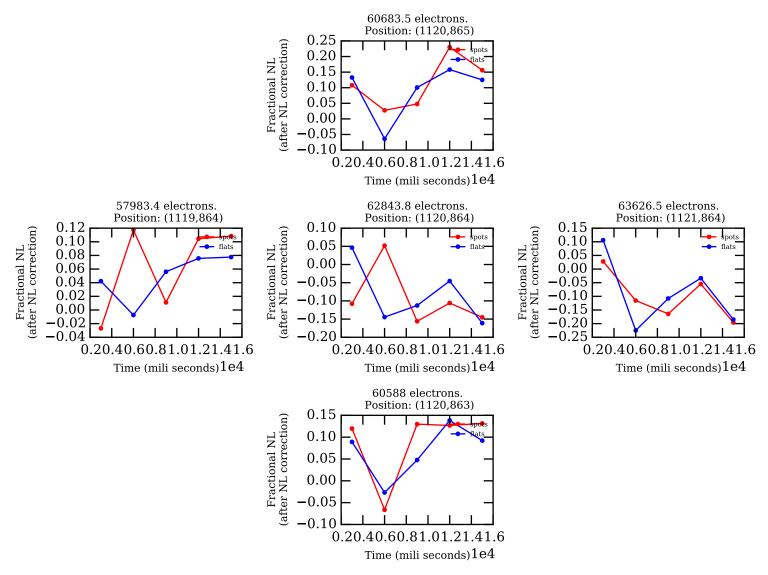
(after NL correction)

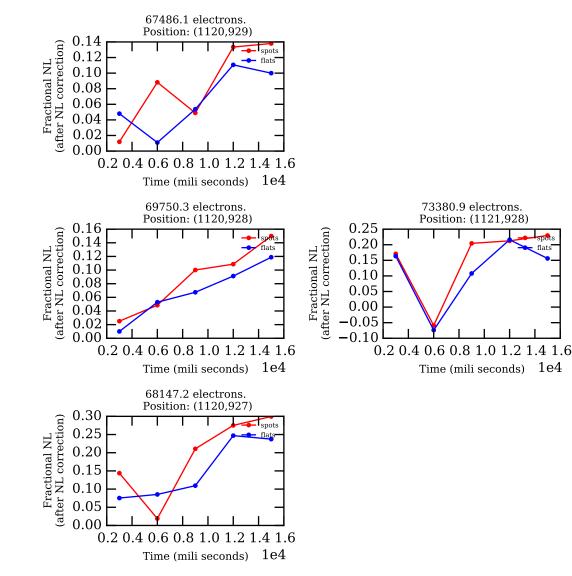


(after NL correction)

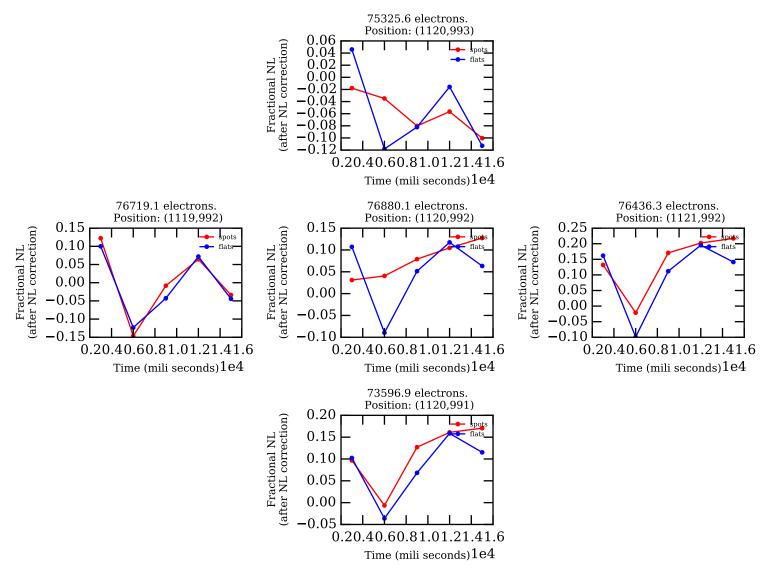


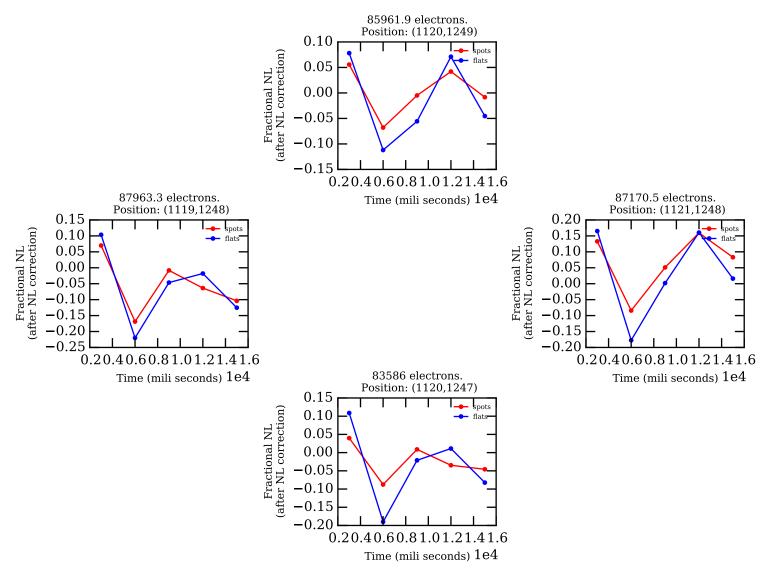


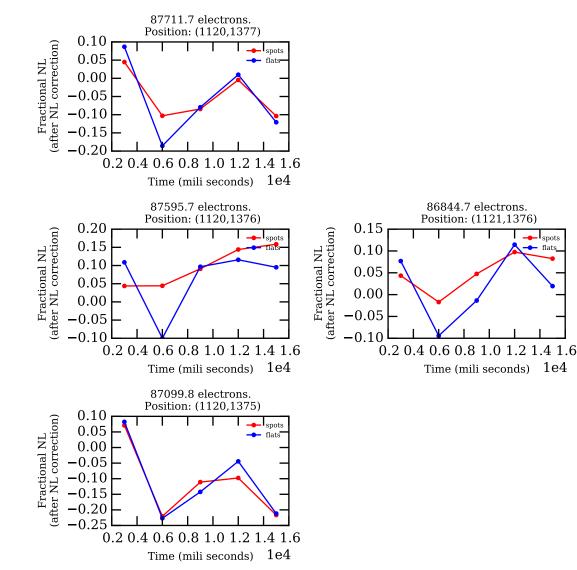


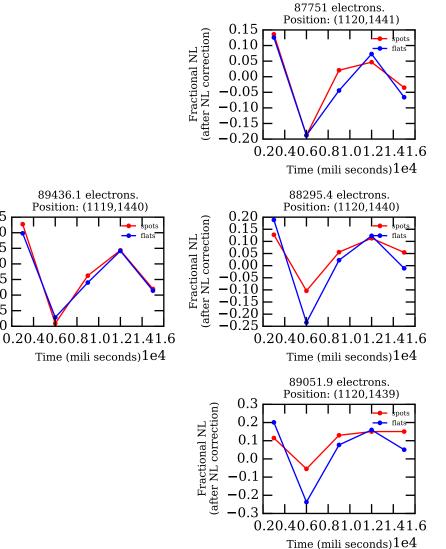


1e4









0.10

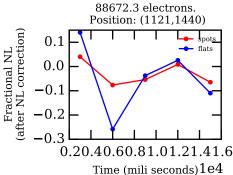
0.05

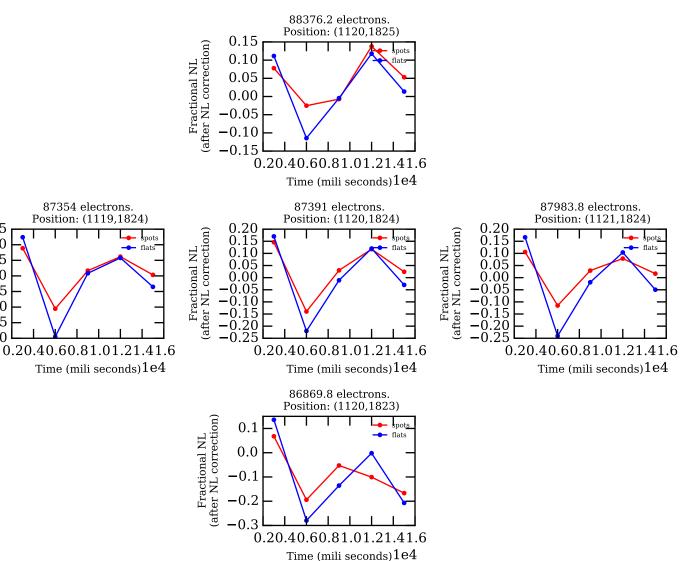
0.00

-0.05 -0.10

-0.15 -0.20

(after NL correction)





87354 electrons.

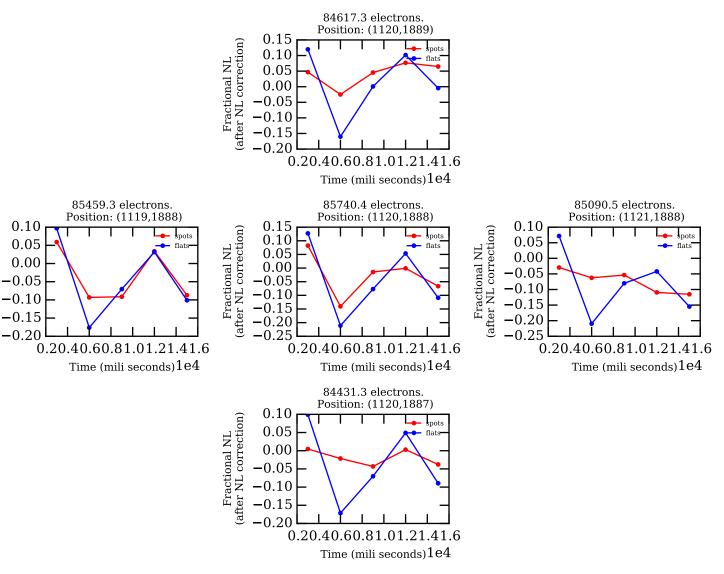
0.15

0.10

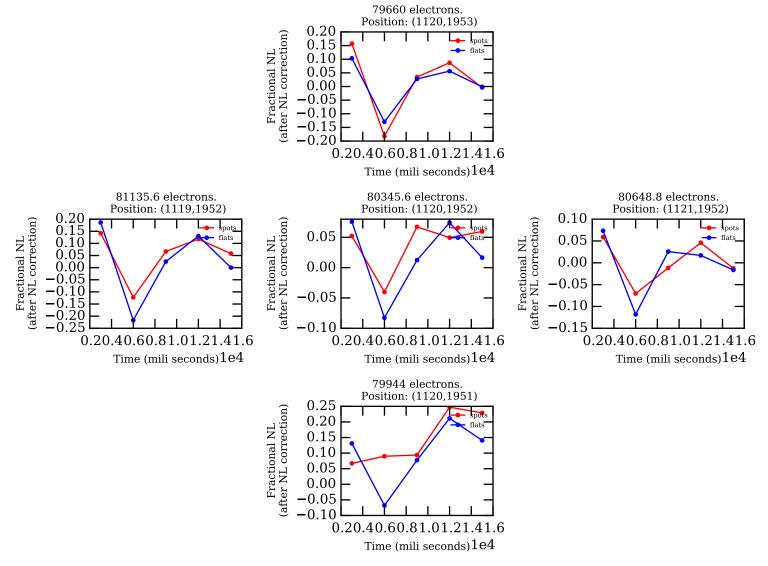
0.05

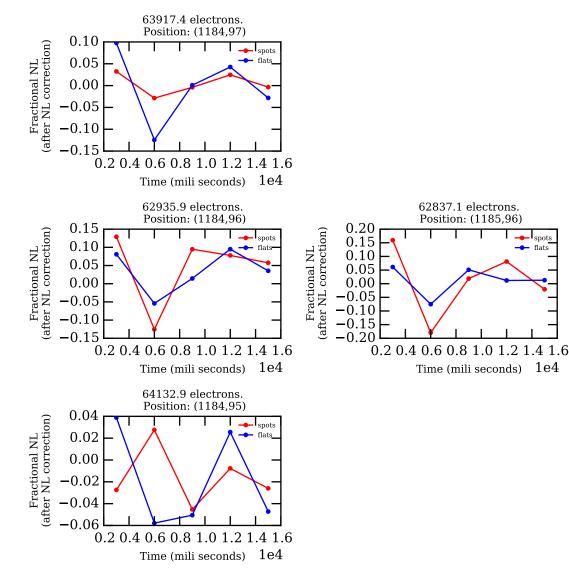
0.00 -0.05-0.10-0.15-0.20

(after NL correction)

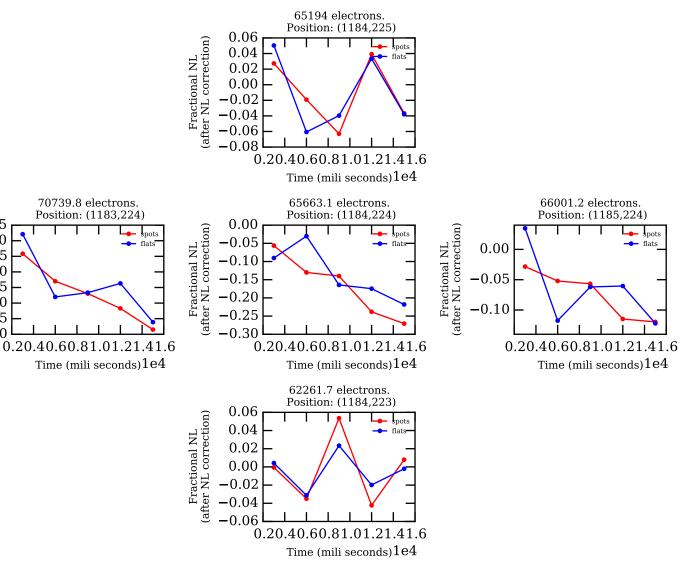


(after NL correction)





1e4



0.00

-0.05

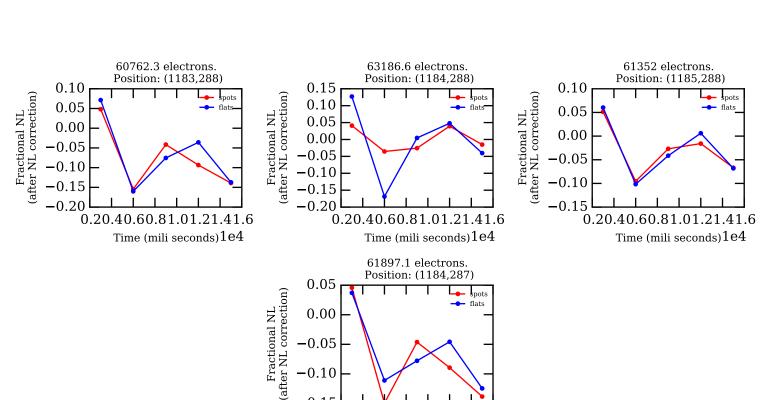
-0.10

-0.15

-0.20

-0.25 -0.30

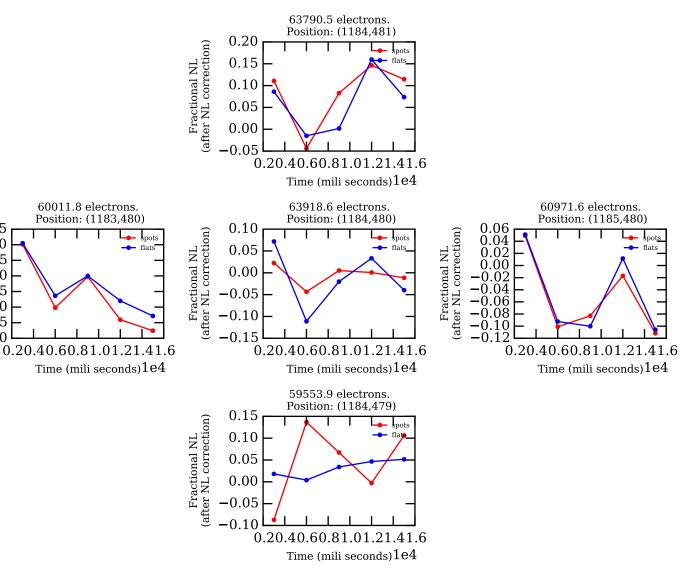
(after NL correction)



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.10

-0.15



0.00

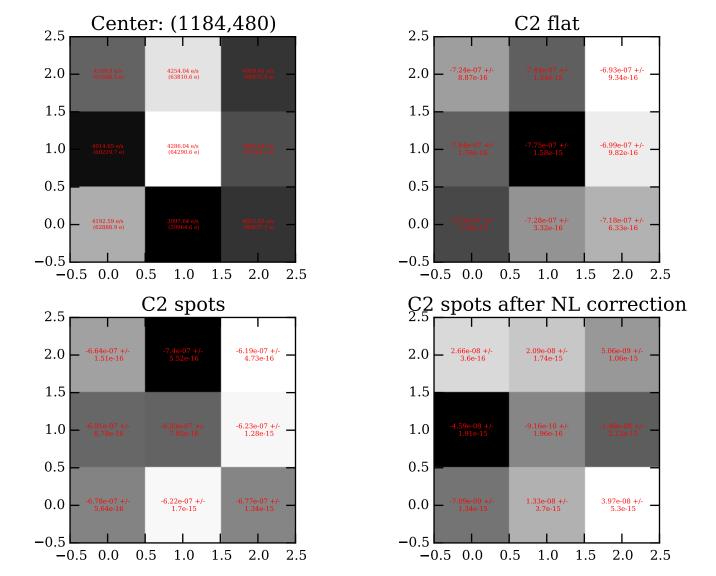
-0.05

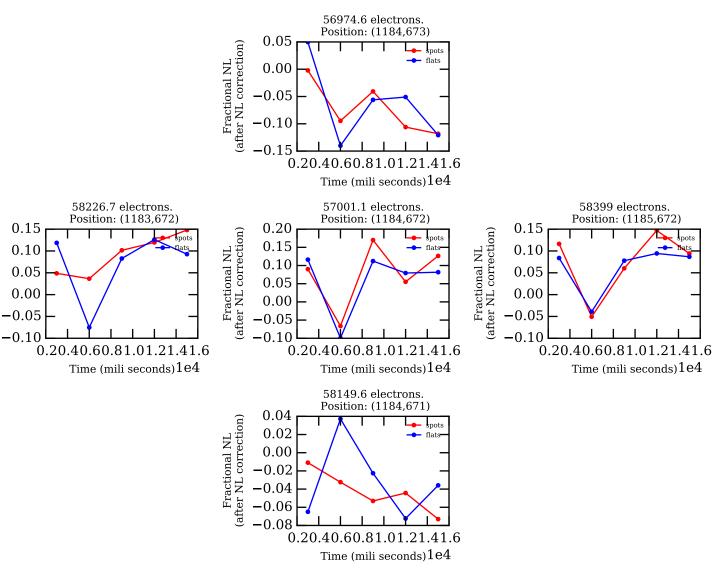
-0.10 -0.15

-0.20

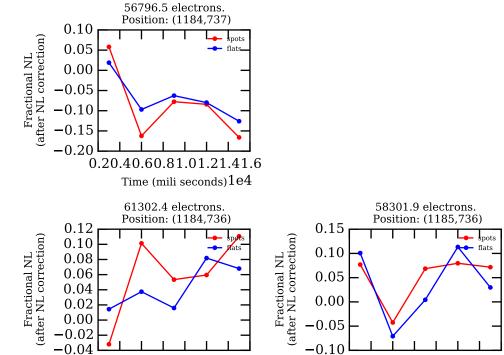
-0.25 -0.30

(after NL correction)



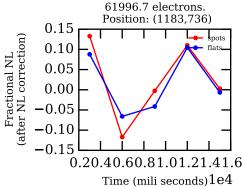


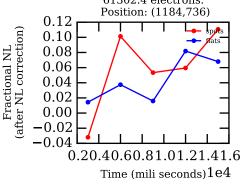
(after NL correction)

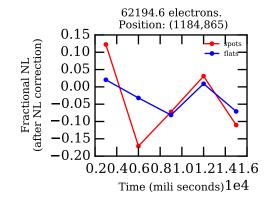


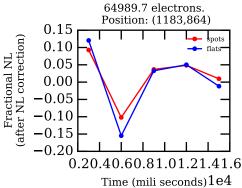
0.20.40.60.81.01.21.41.6

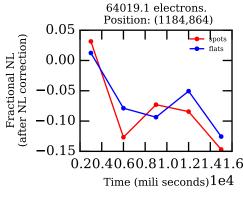
Time (mili seconds) 1e4

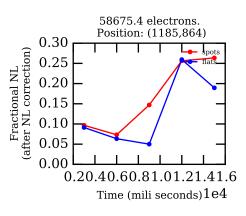


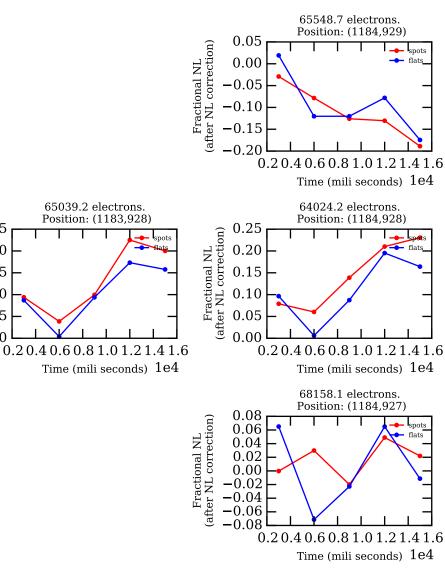












65039.2 electrons.

0.25

0.20

0.15

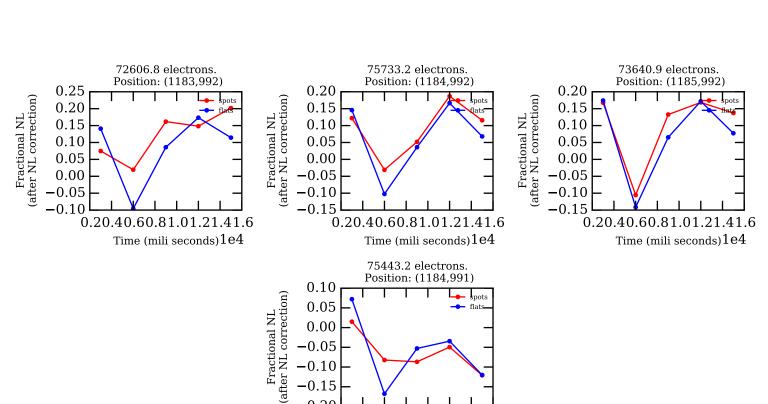
0.10

0.05

0.00

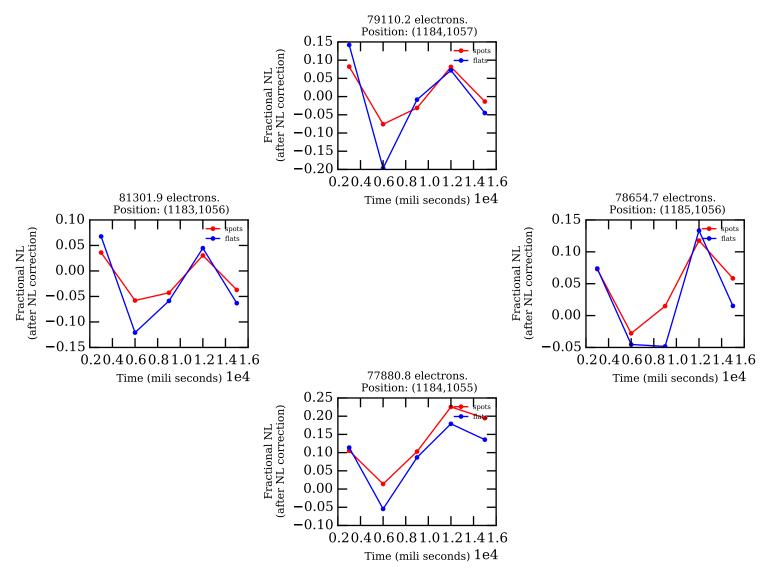
Fractional NL (after NL correction)

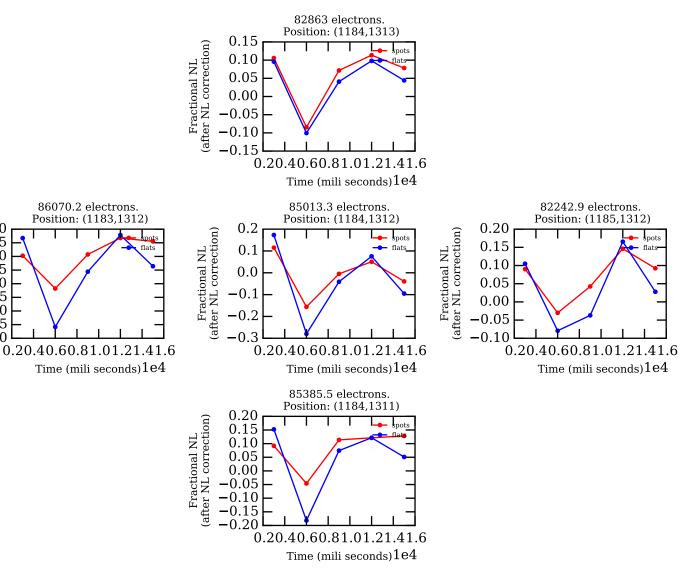
Position: (1183,928)



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.15-0.20





0.15

0.10

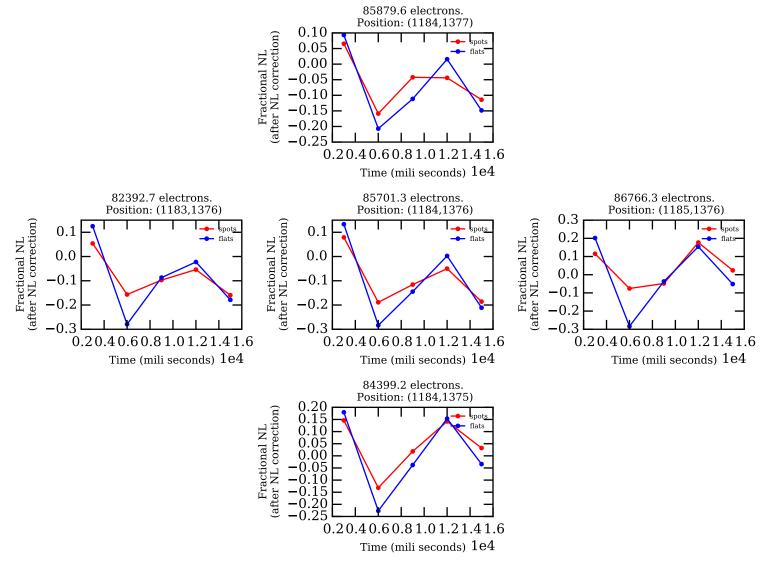
0.05

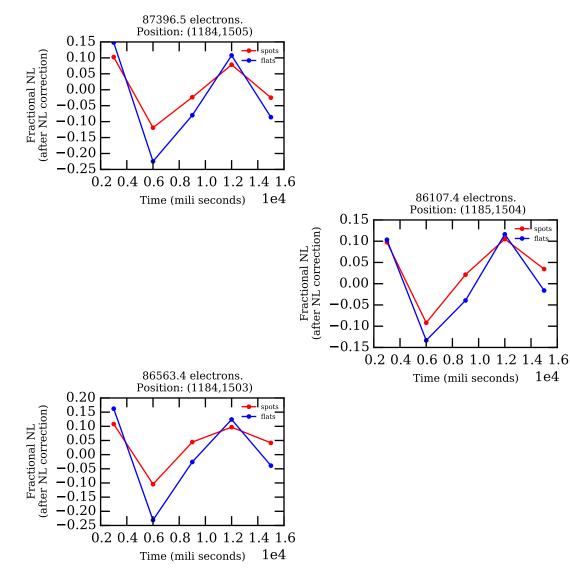
0.00

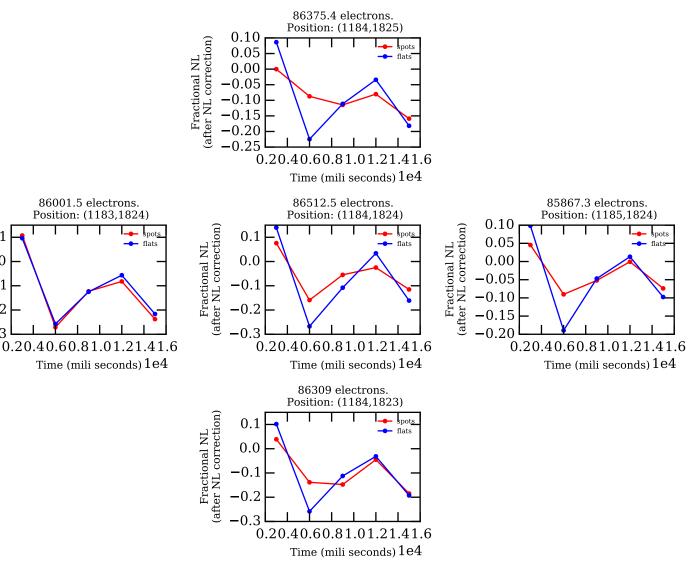
-0.05

-0.15 -0.20

(after NL correction)







(after NL correction)

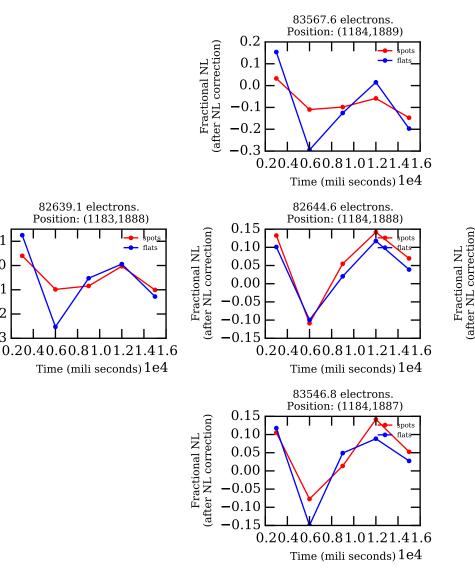
Fractional NL

0.1

0.0

-0.1

-0.2



82639.1 electrons. Position: (1183,1888)

flats

(after NL correction)

Fractional NL

0.1

0.0

-0.1

-0.2

-0.3

83731.6 electrons.

Position: (1185,1888)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

- flats

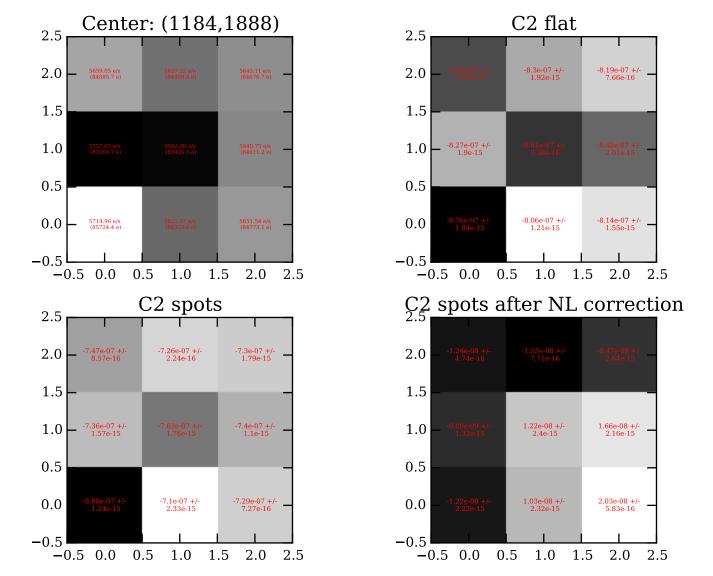
0.3

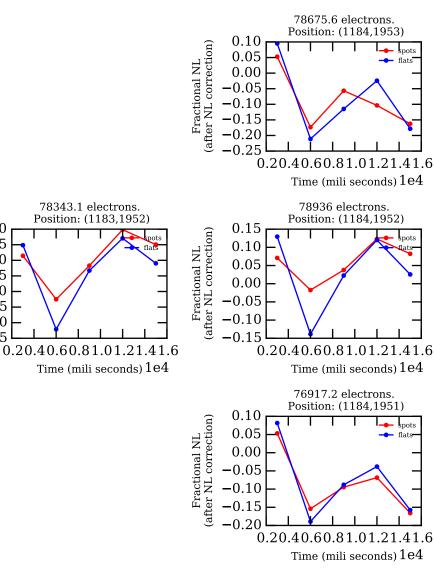
0.2

0.1

0.0

-0.1





78343.1 electrons.

Position: (1183,1952)

0.20

0.15

0.10

0.05

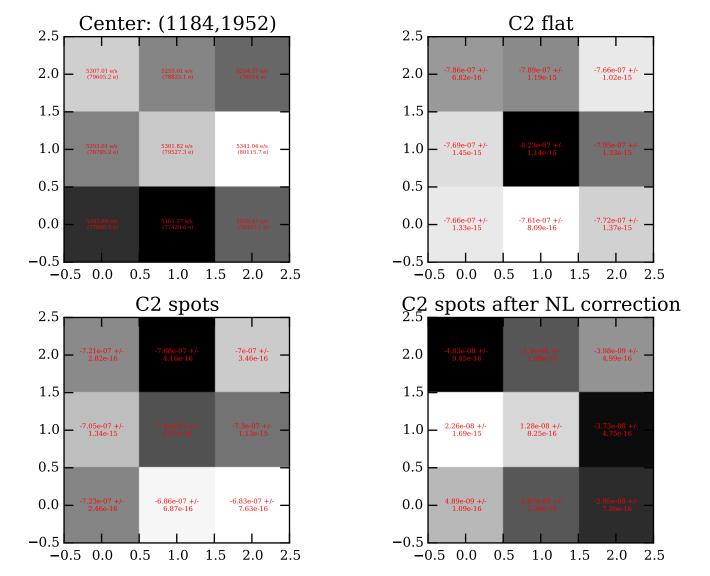
0.00

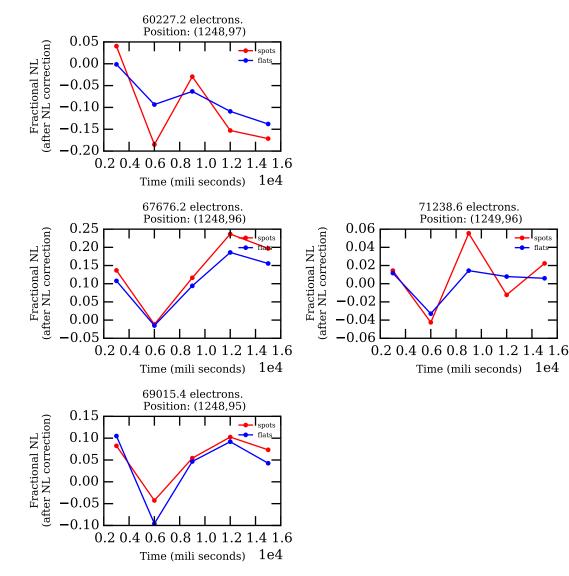
-0.05

-0.10

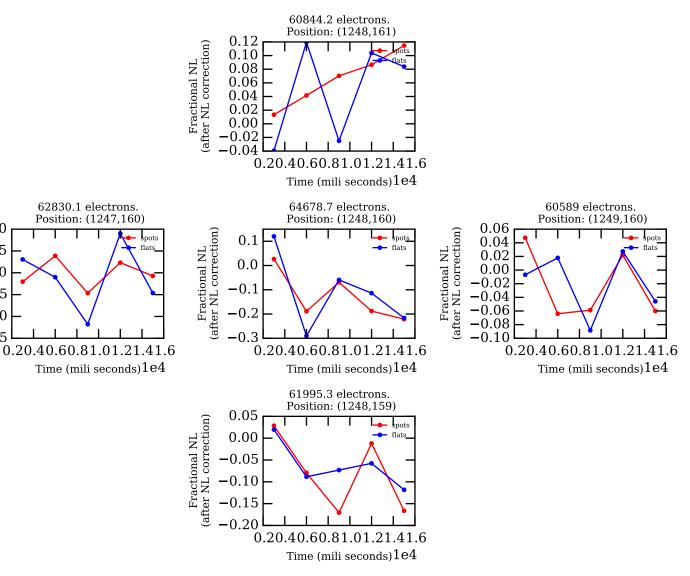
-0.15

(after NL correction)





1e4



0.05

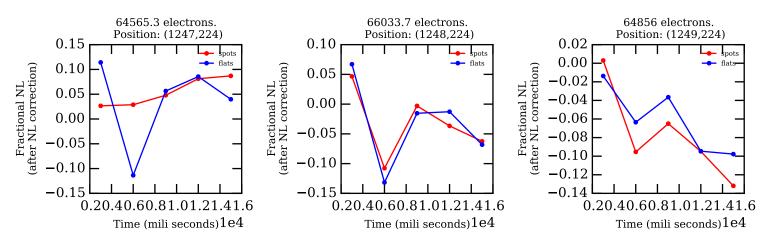
0.00

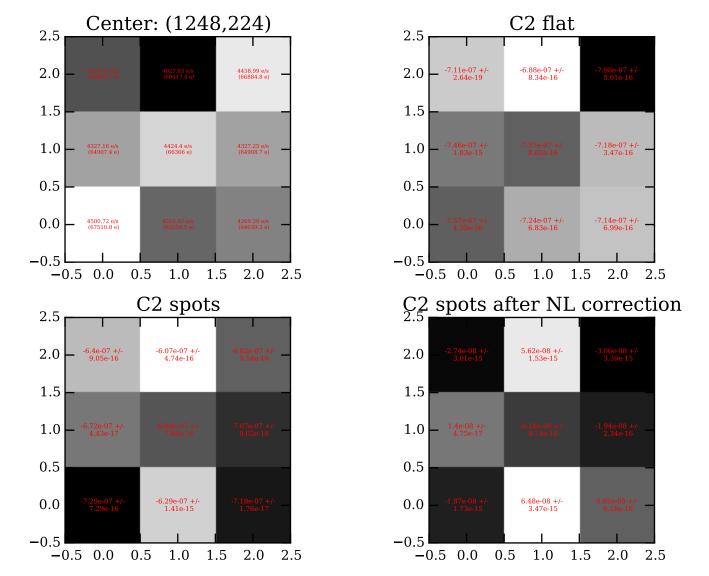
-0.05

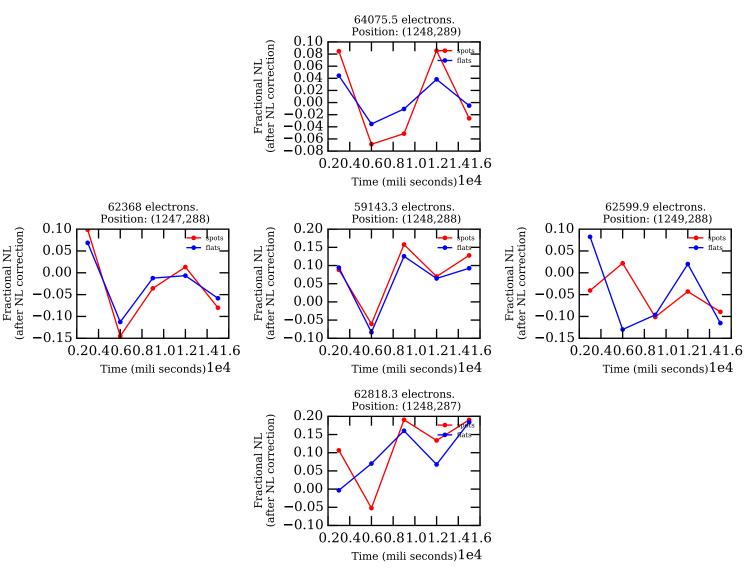
-0.10

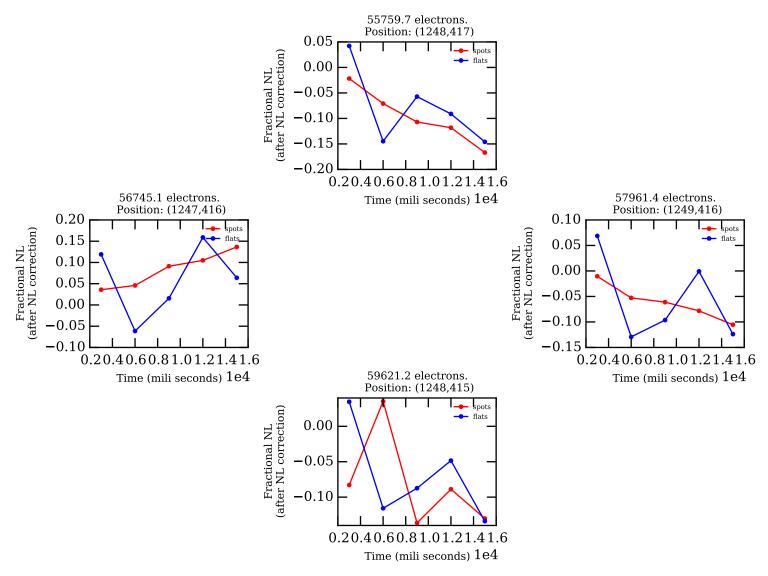
-0.15

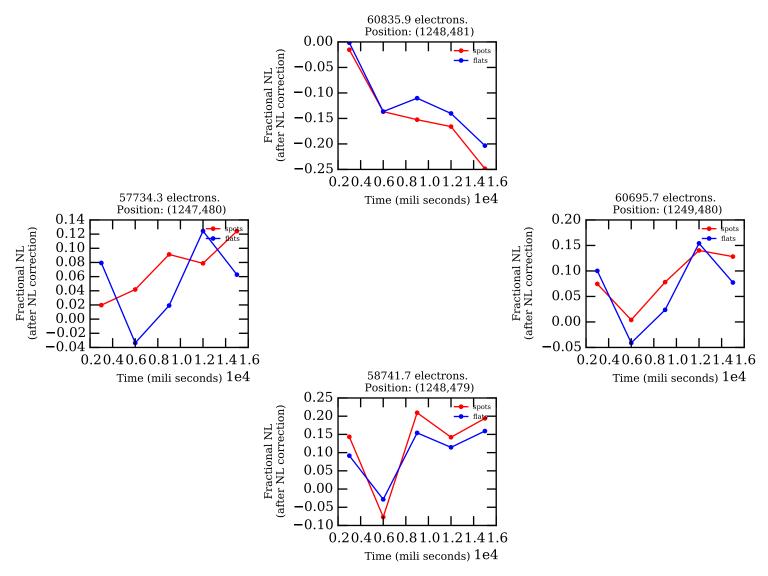
(after NL correction)

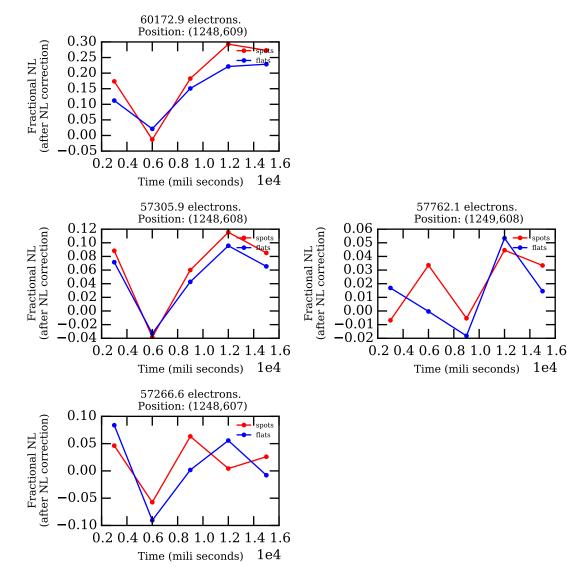




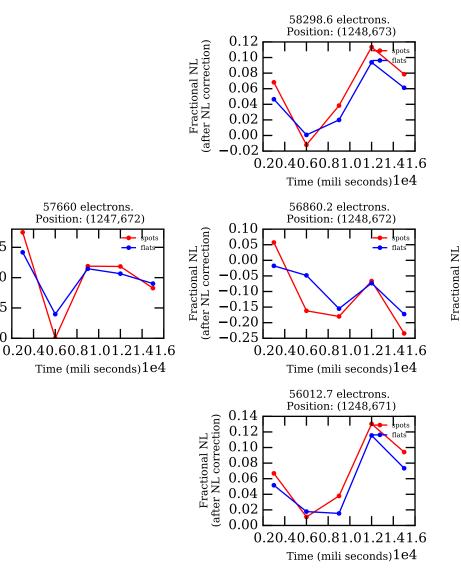








1e4



57660 electrons. Position: (1247,672)

(after NL correction)

Fractional NL

0.05

0.00

-0.05

-0.10

58762.2 electrons.

Position: (1249,672)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

0.25

0.20

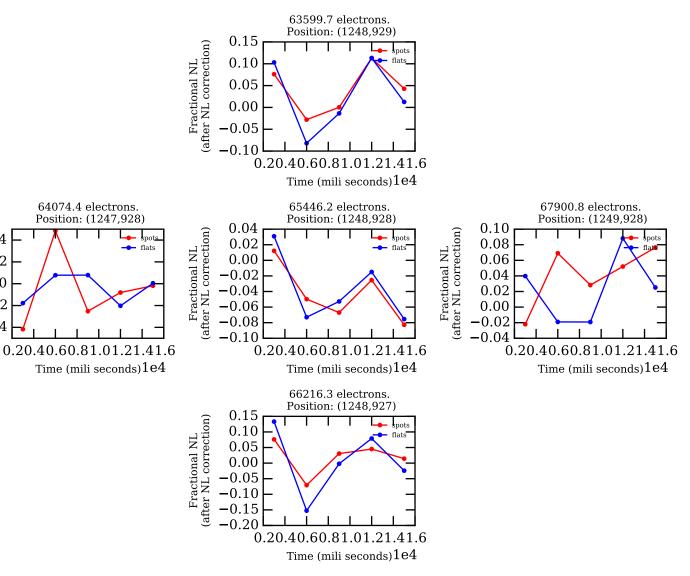
0.15

0.10

0.05

0.00

(after NL correction)



(after NL correction)

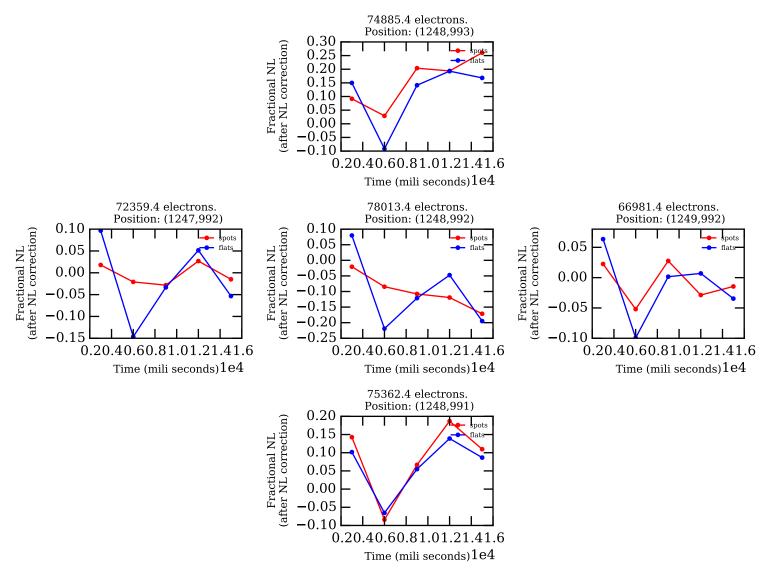
Fractional NL

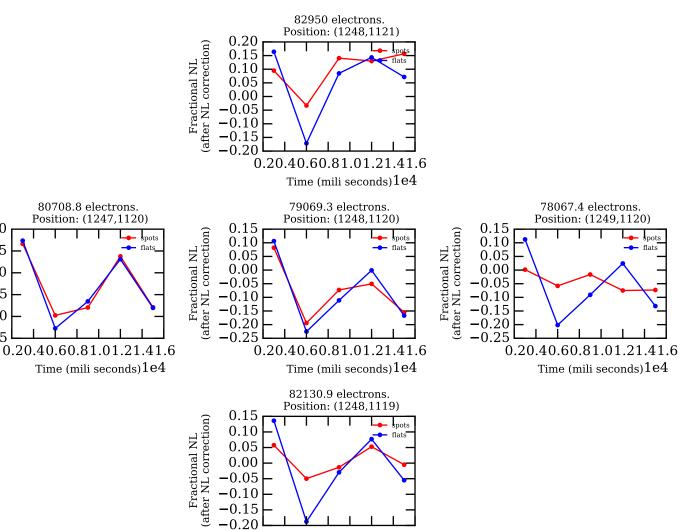
0.04

0.02

0.00

-0.02





0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4

80708.8 electrons.

0.10

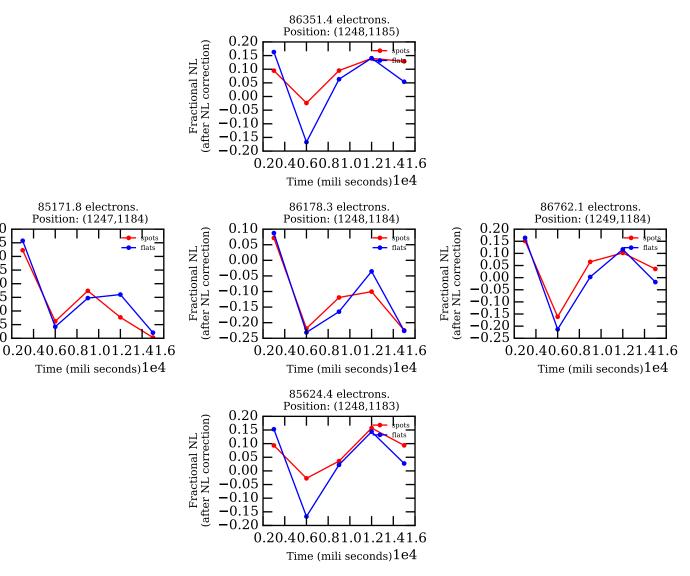
0.05

0.00

-0.05-0.10

-0.15

(after NL correction)



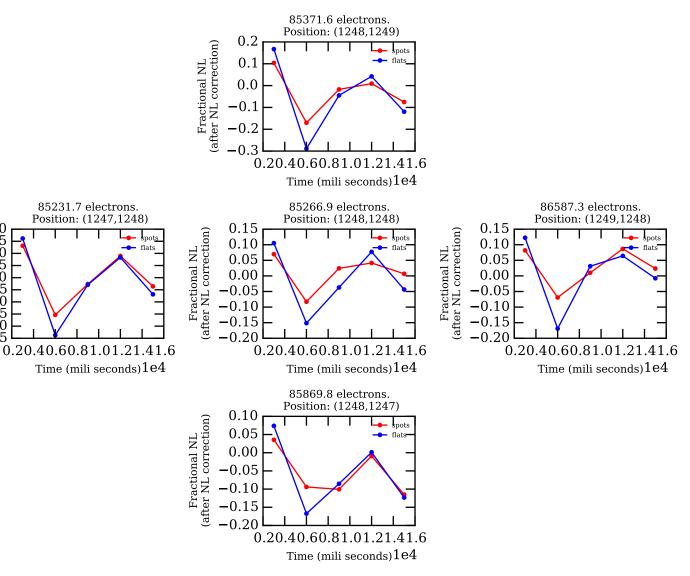
0.05

0.00

-0.05

-0.25 -0.30

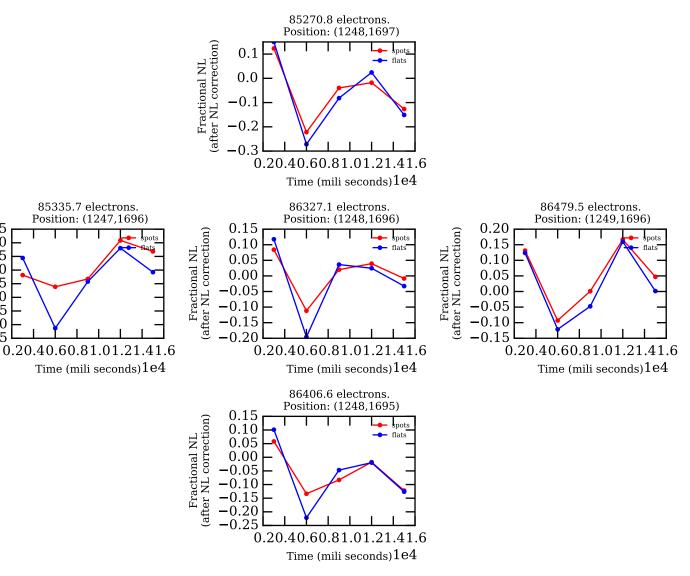
(after NL correction)



85231.7 electrons.

 $0.20 \\ 0.15$ 

(after NL correction)



85335.7 electrons.

0.25

0.20

0.15

0.10

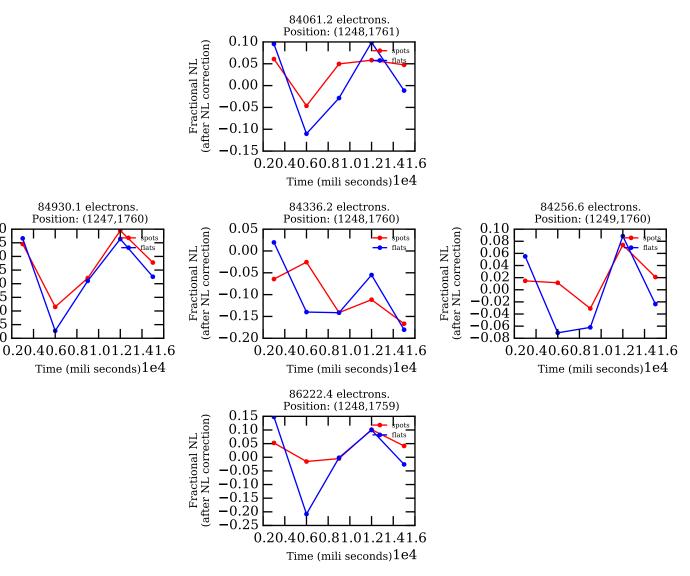
0.05

0.00

-0.05

-0.10

(after NL correction)



0.15

0.10

0.05

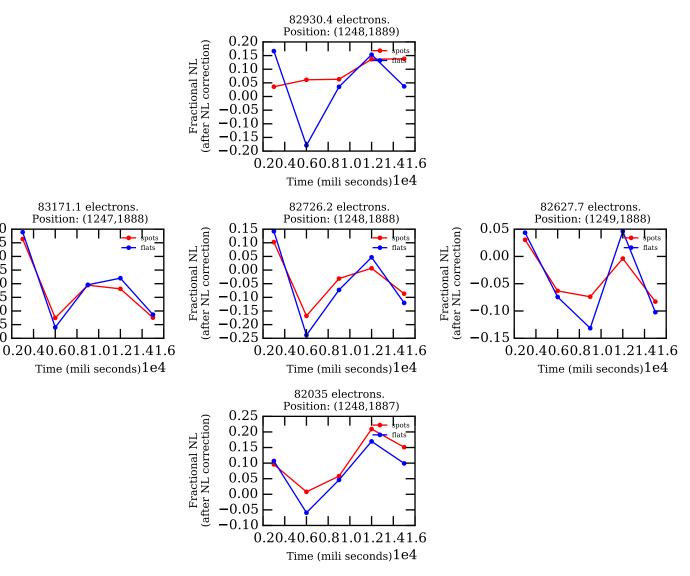
0.00

-0.05

-0.15

-0.20

(after NL correction)



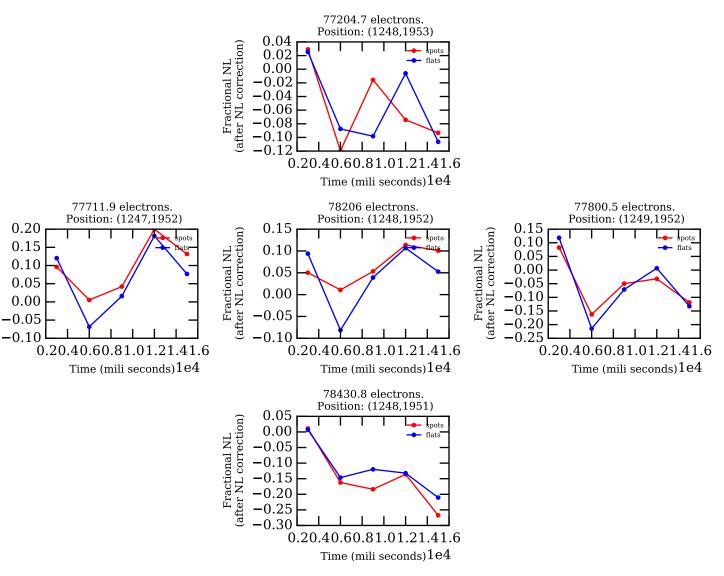
0.05

0.00

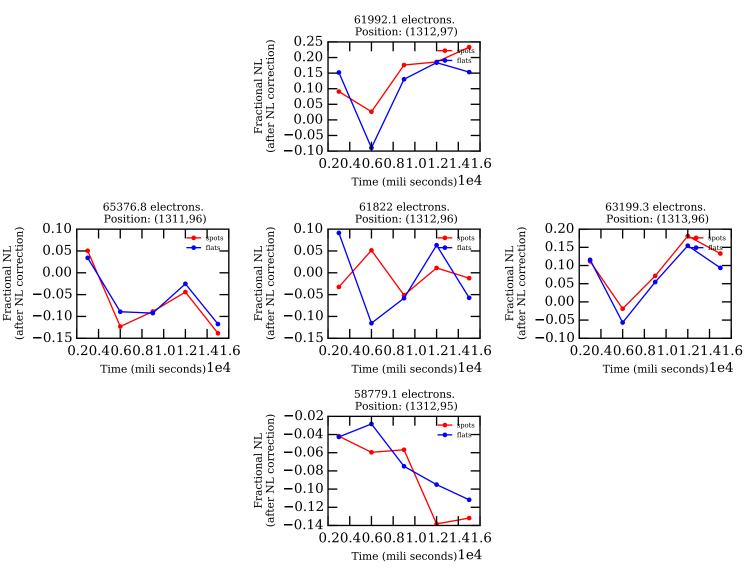
-0.05

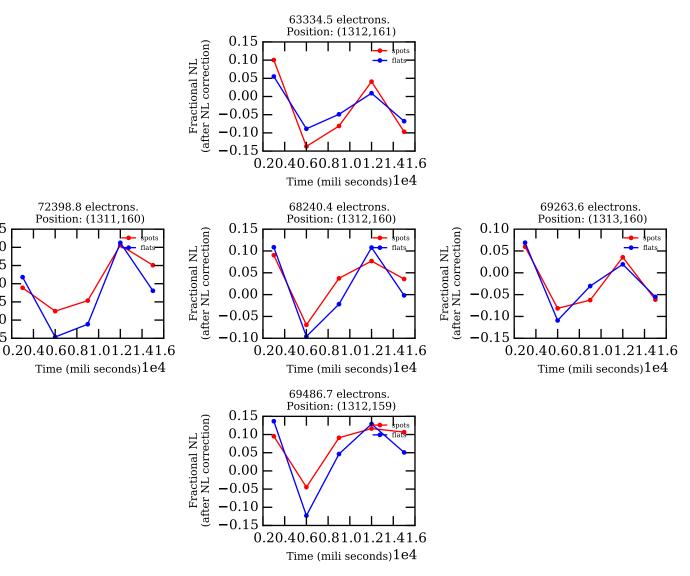
-0.25 -0.30

(after NL correction)



(after NL correction)





0.20

0.15

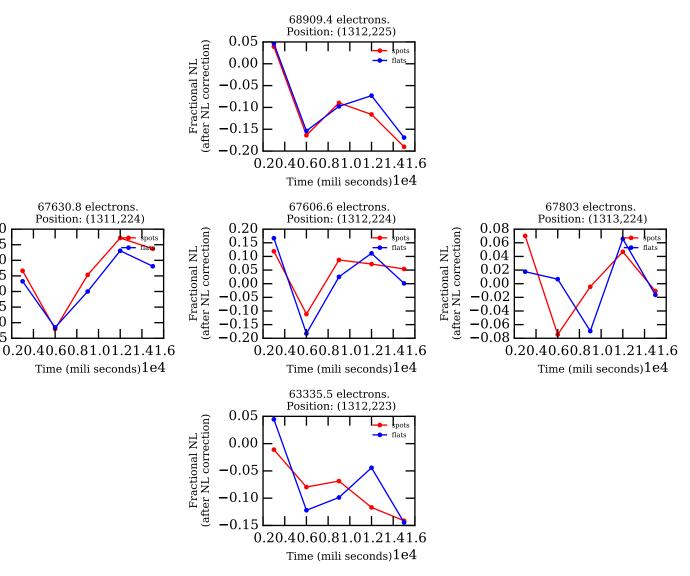
0.10

0.05

0.00

-0.05

(after NL correction)



0.25

0.20

0.15

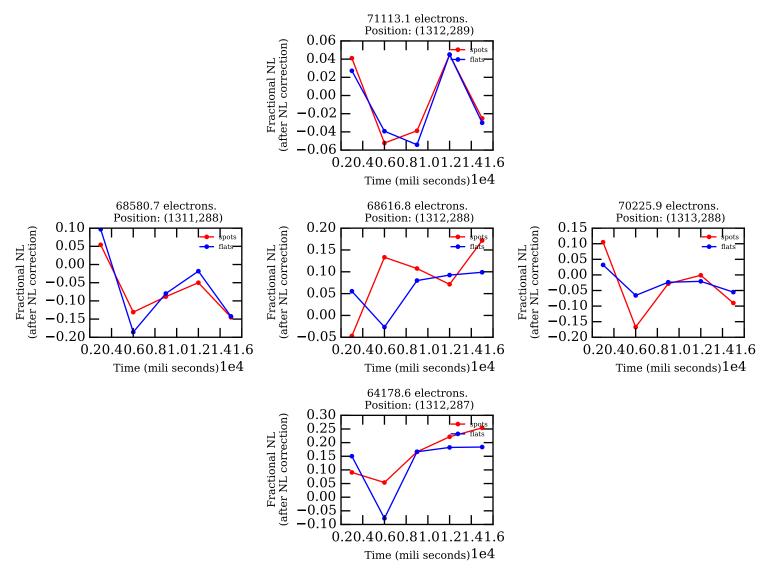
0.10

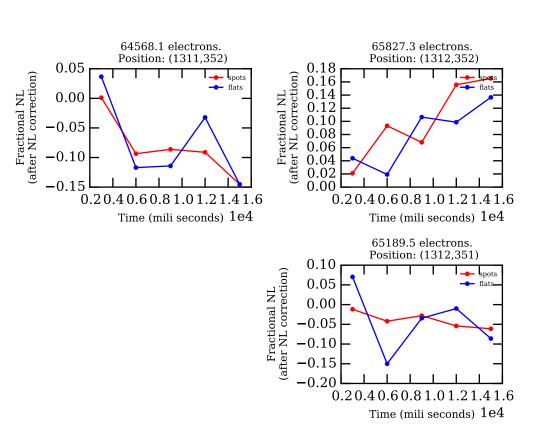
0.05

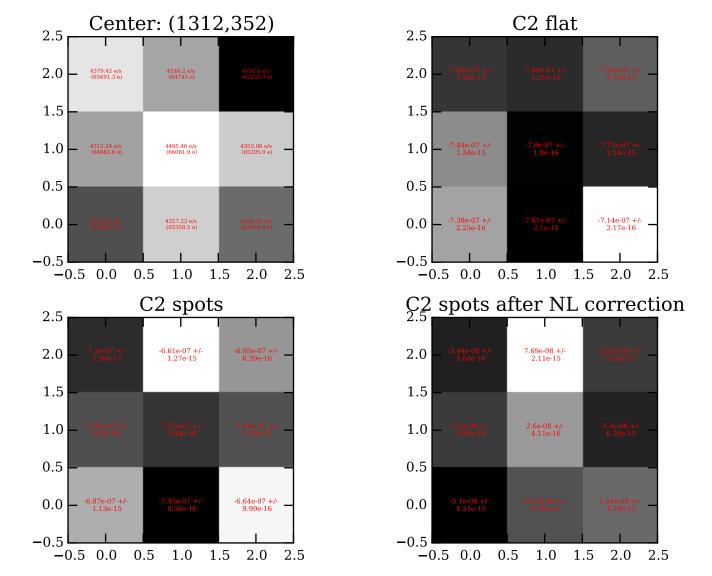
0.00

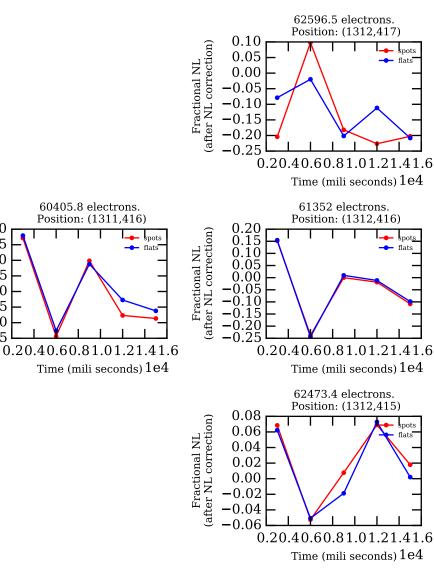
-0.05

Fractional NL (after NL correction)









60405.8 electrons.

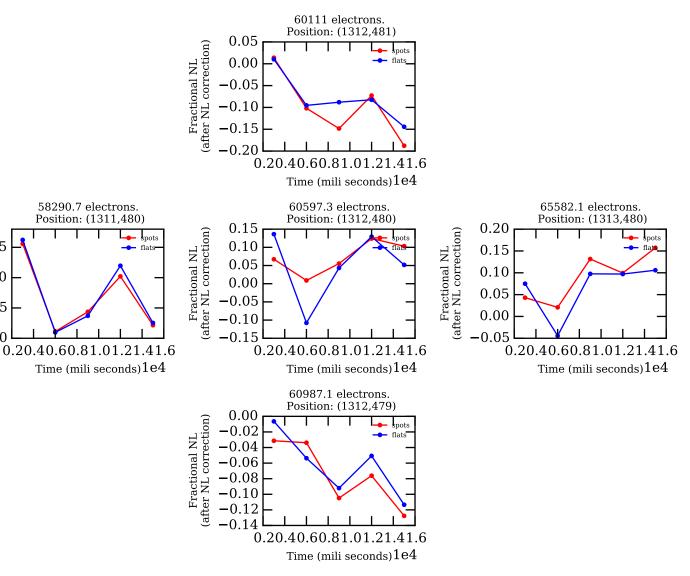
Position: (1311,416)

0.10

0.05

0.00 -0.05-0.10-0.15-0.20-0.25

(after NL correction)



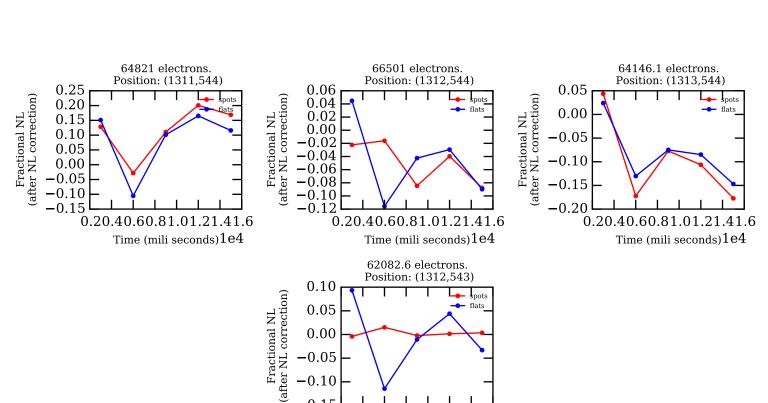
58290.7 electrons.

Fractional NL (after NL correction)

0.05

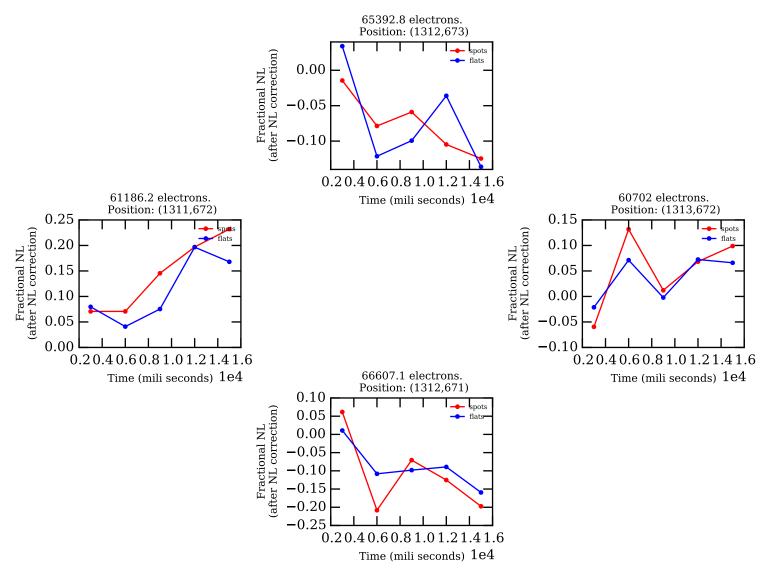
0.00

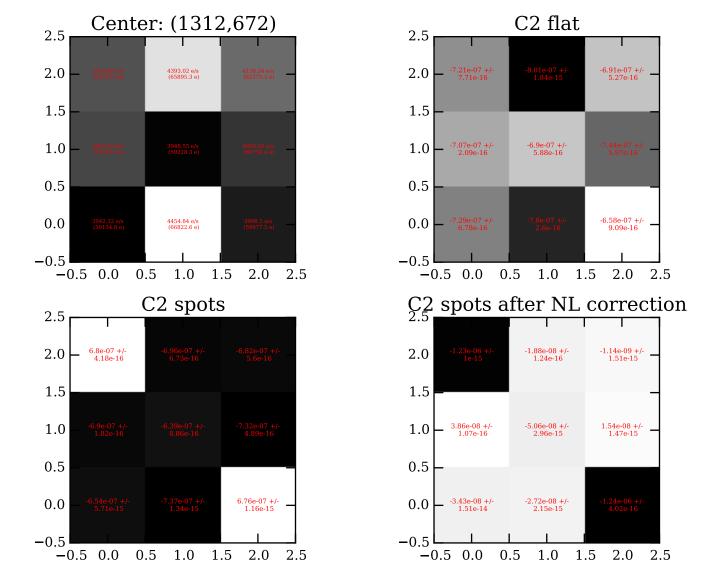
-0.05

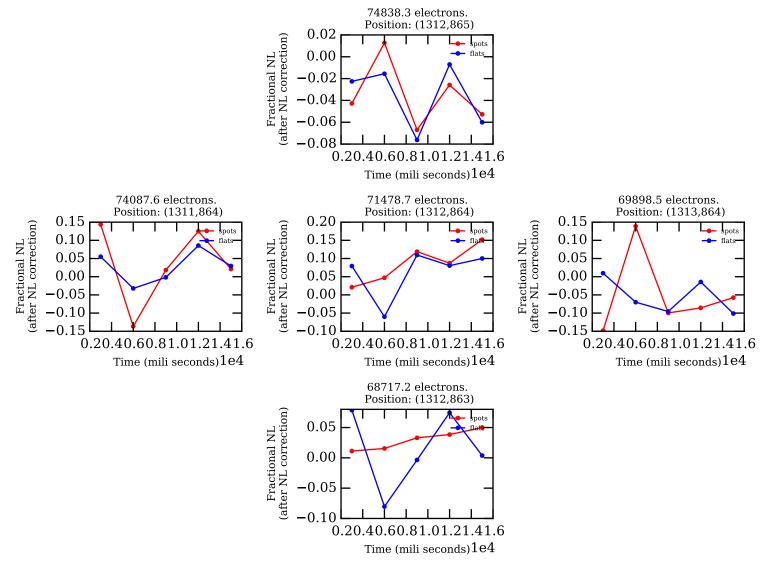


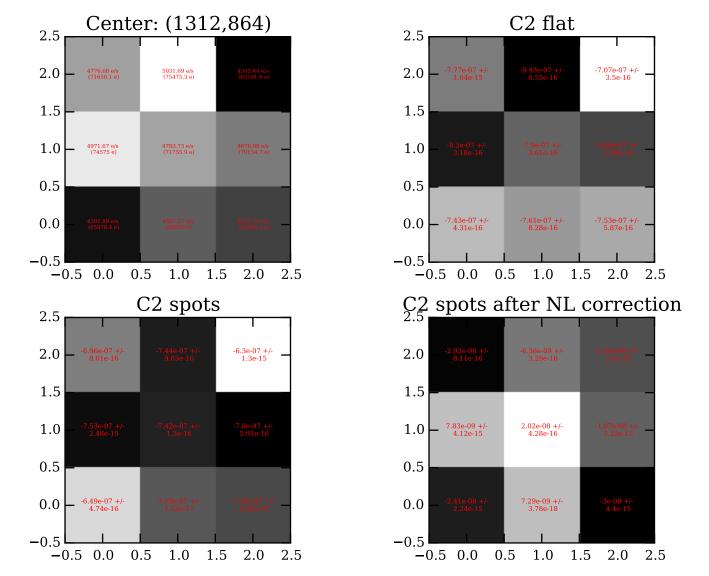
0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

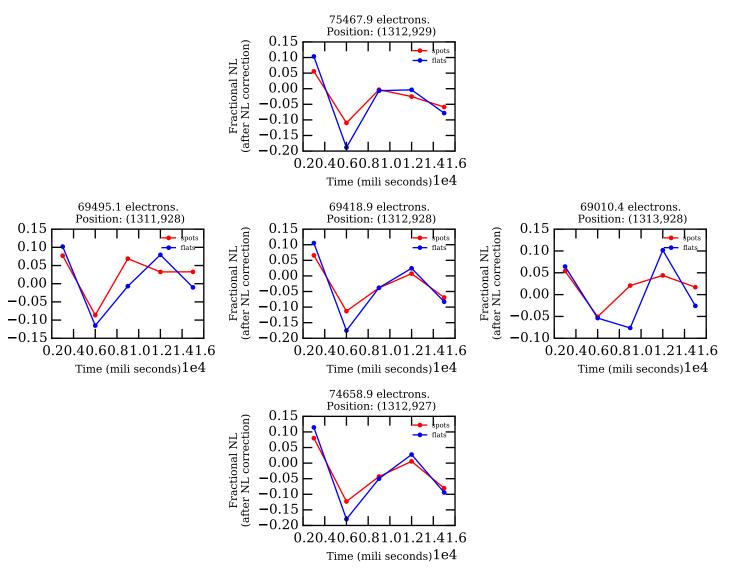
-0.10-0.15



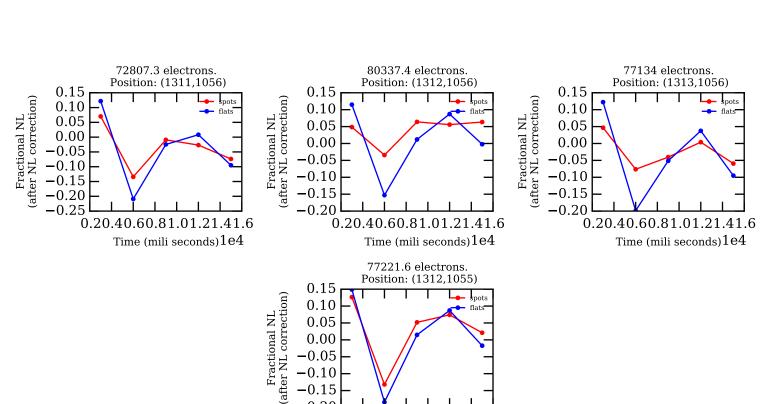






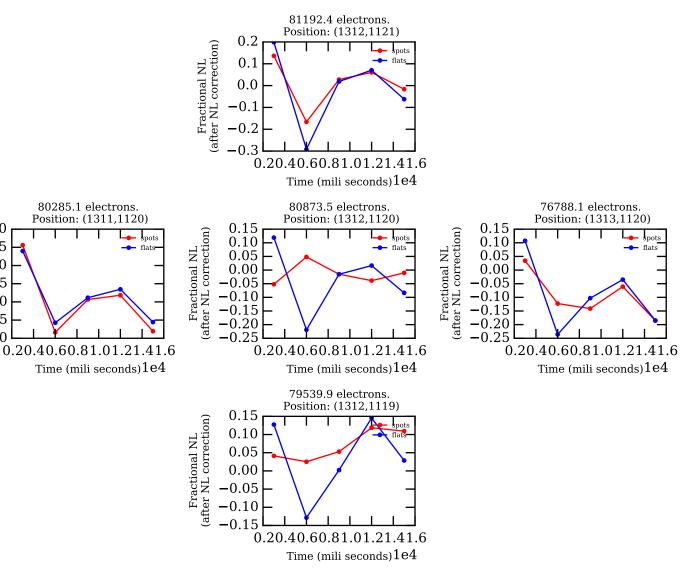


(after NL correction)



0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.15-0.20



80285.1 electrons.

0.10

0.05

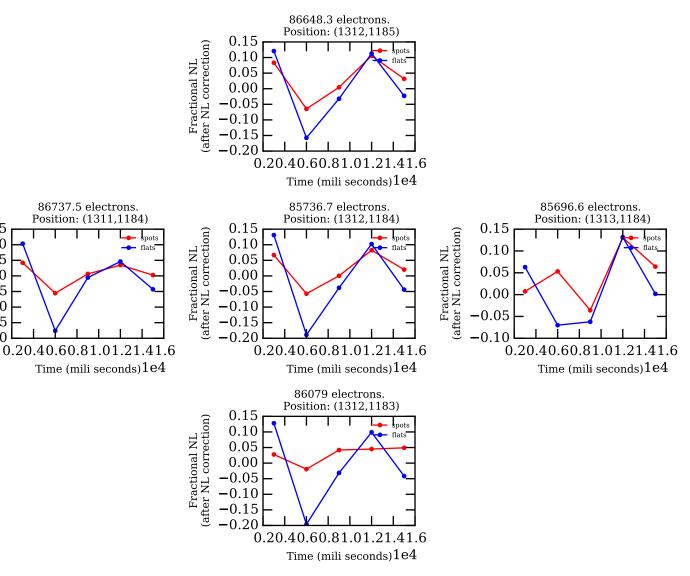
0.00

-0.05

-0.10-0.15

-0.20

(after NL correction)



0.10

0.05

0.00

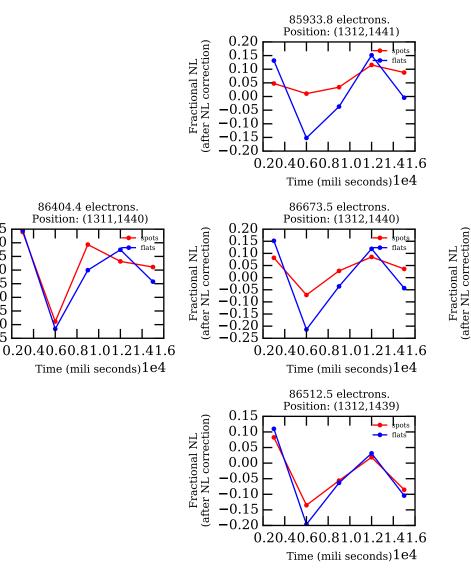
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

0.05

 $0.00 \\ -0.05$ 

-0.25

(after NL correction)

Fractional NL

86300.8 electrons.

0.1

0.0

-0.1

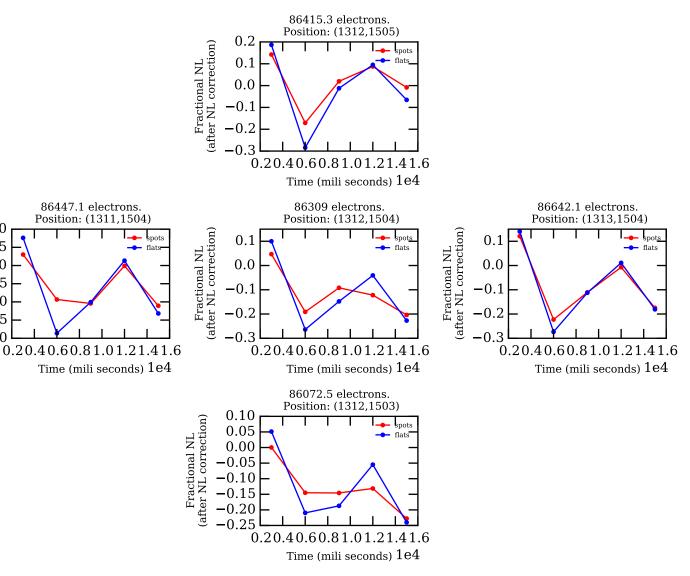
-0.

Position: (1313,1440)

0.20.40.60.81.01.21.41.6

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

flats



0.05

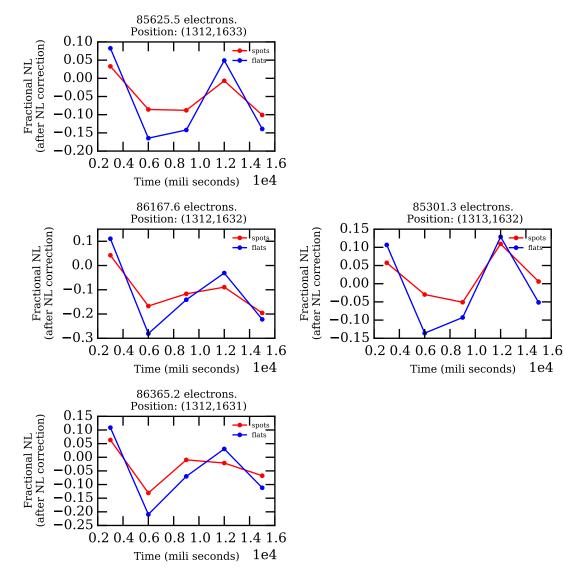
0.00

-0.05

-0.10

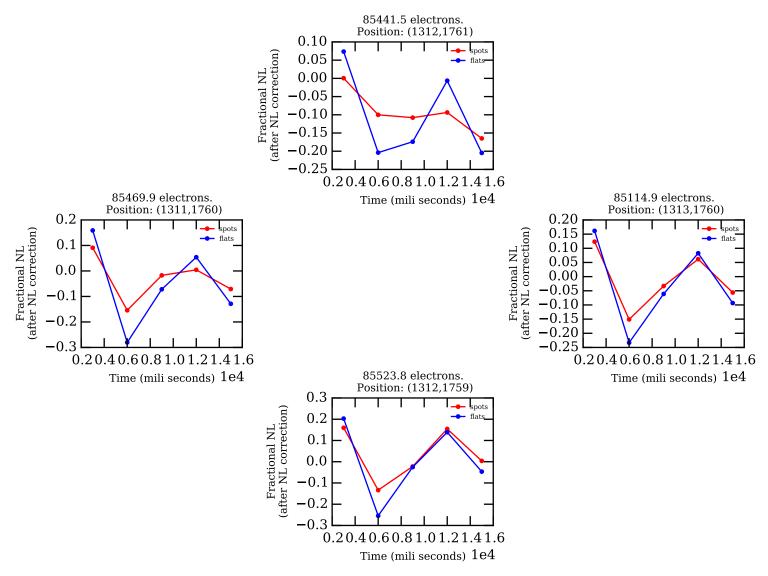
-0.15 -0.20

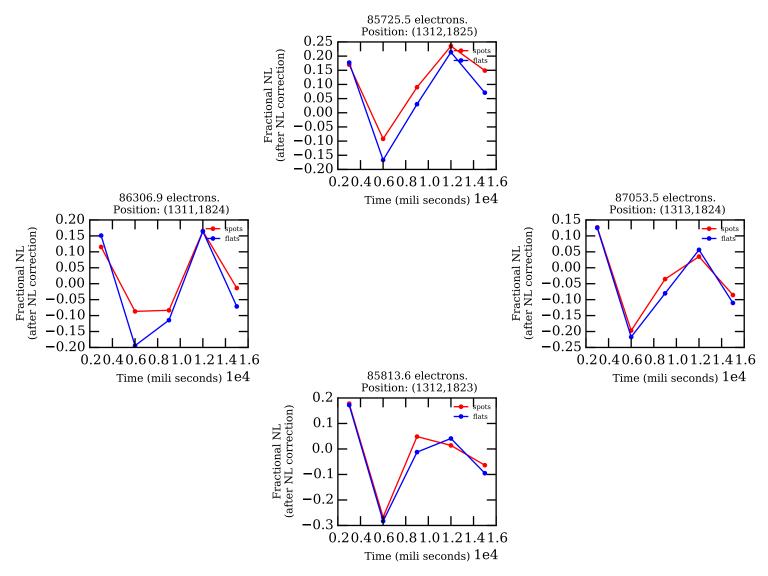
(after NL correction)

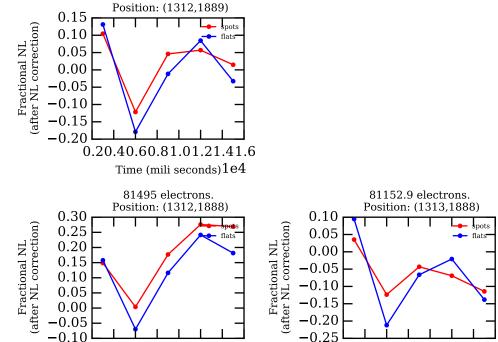


 $\blacksquare$   $I_{\text{spots}}$ 

1e4

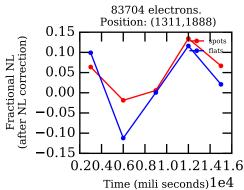


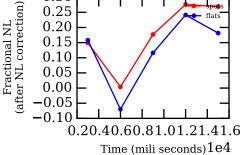




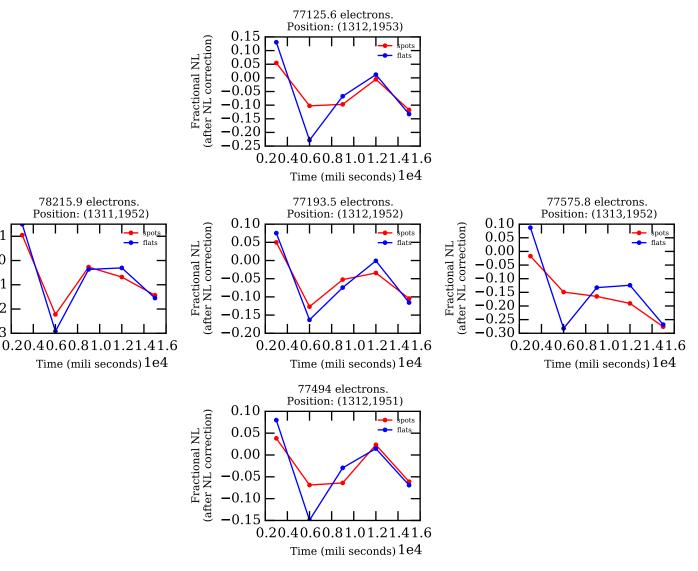
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





82148.4 electrons.



78215.9 electrons.

(after NL correction)

Fractional NL

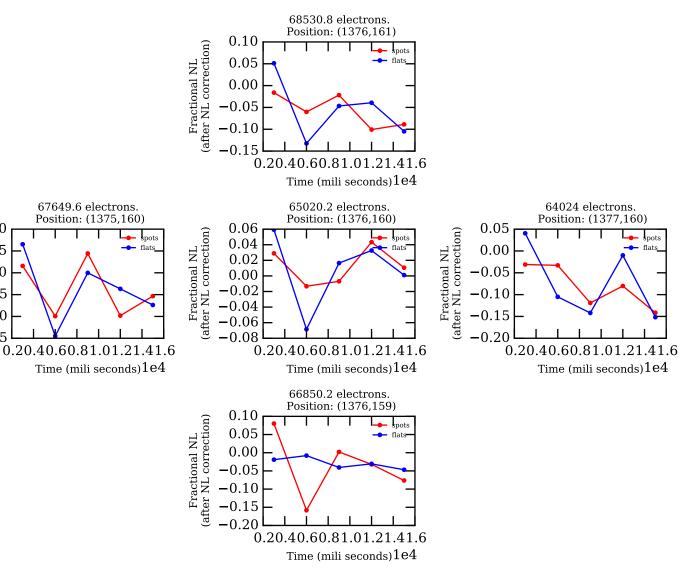
0.1

0.0

-0.1

-0.2

-0.3



0.05

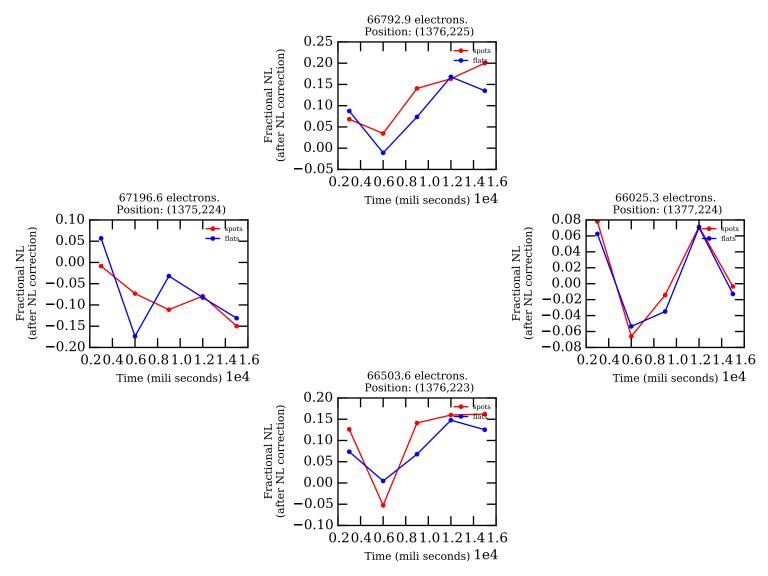
0.00

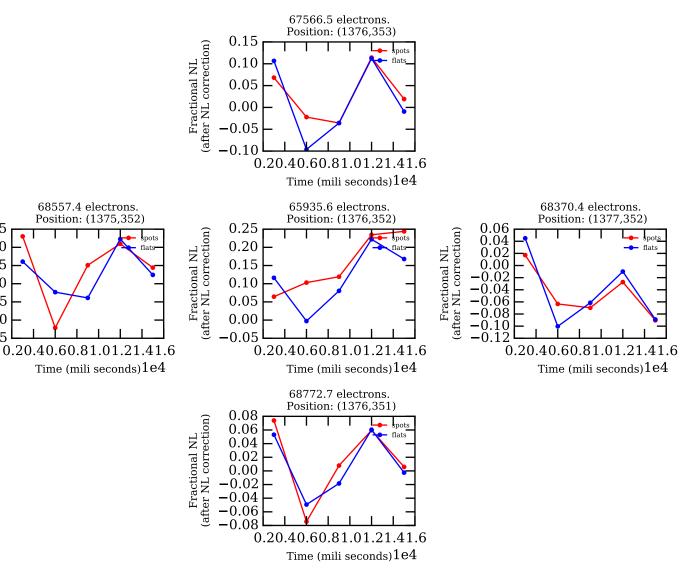
-0.05

-0.10

-0.15

(after NL correction)





0.10

0.05

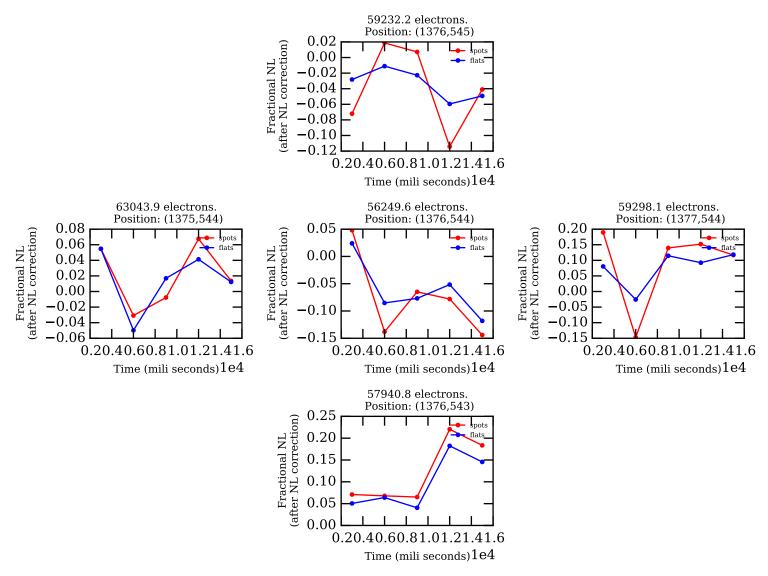
0.00

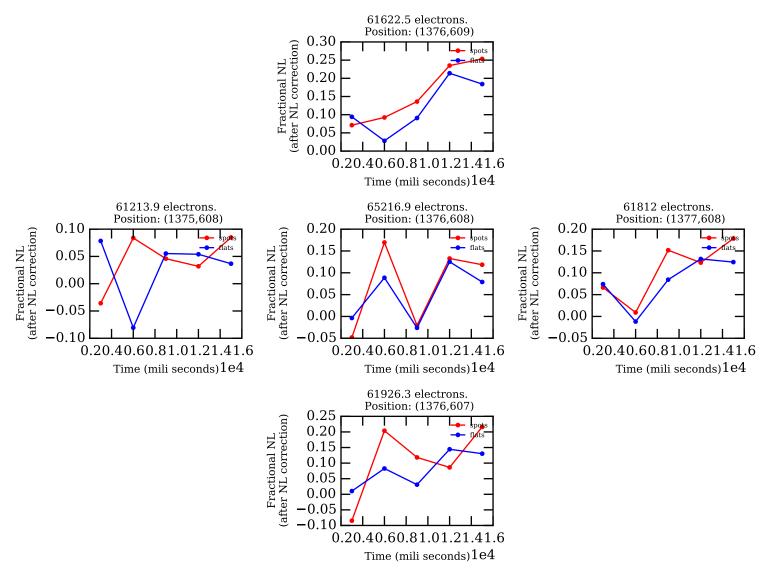
-0.05

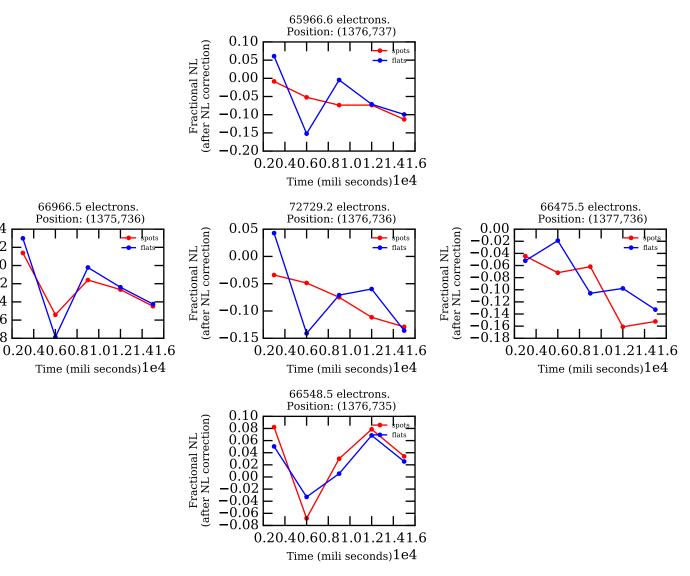
-0.10

-0.15

(after NL correction)







0.02

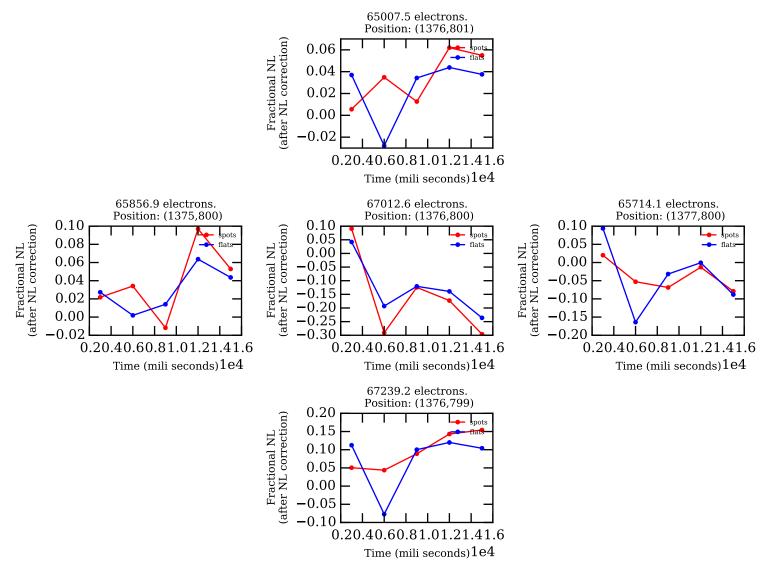
0.00 -0.02

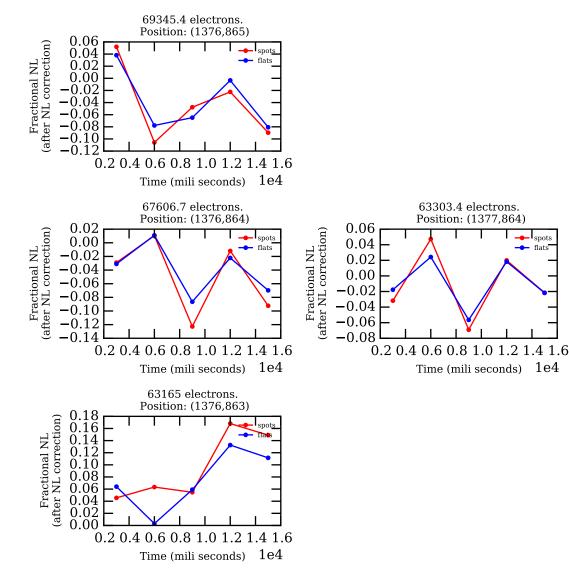
-0.04

-0.06

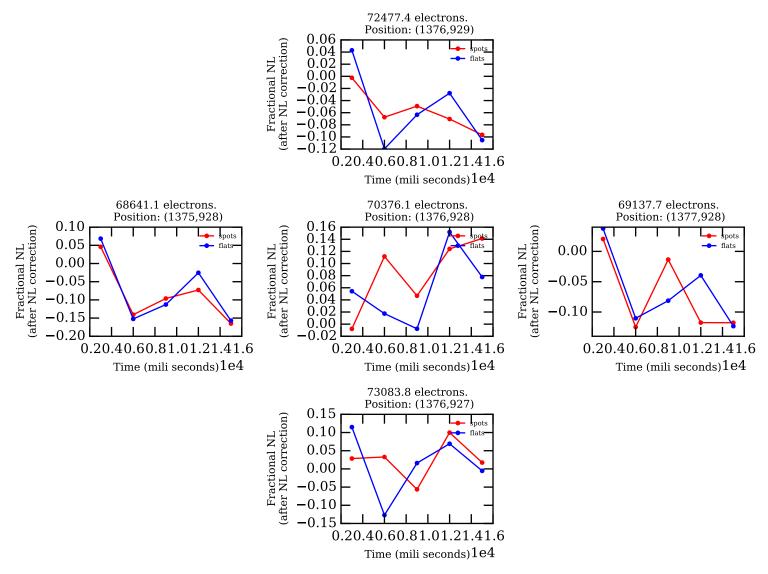
-0.08

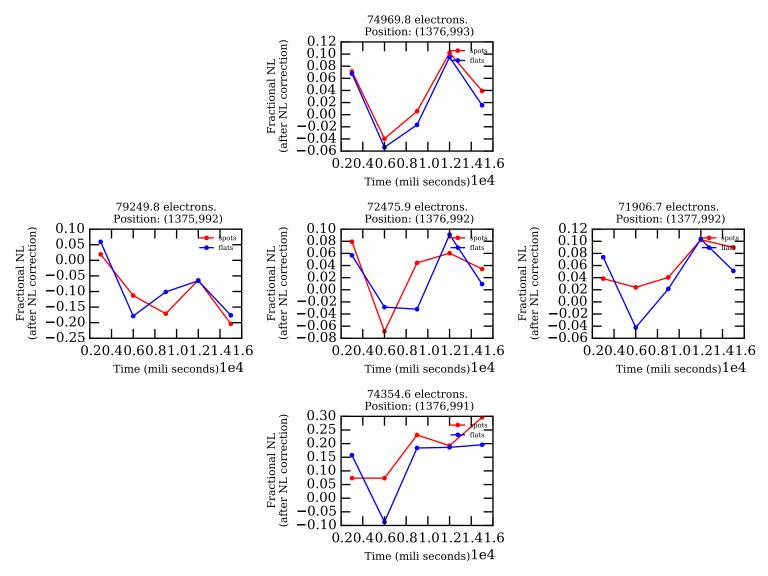
(after NL correction)

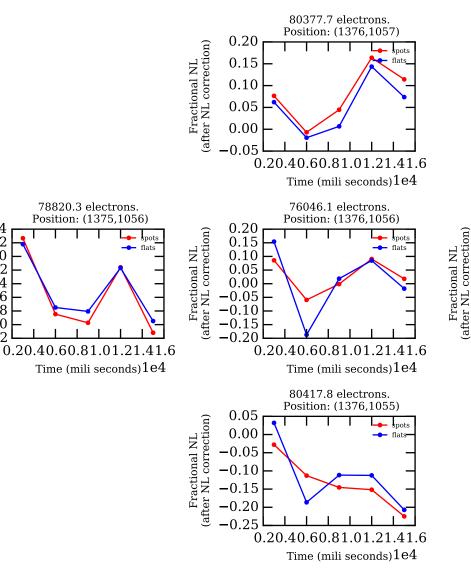




1e4







81711 electrons.

0.1

0.0

-0.1

-0.2

-0

Position: (1377,1056)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

78820.3 electrons.

0.04

0.02

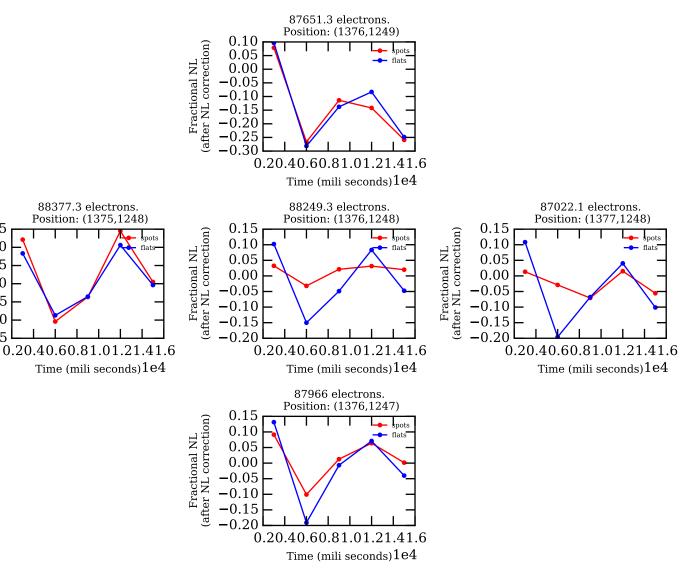
0.00

-0.02-0.04

-0.06

-0.10

(after NL correction)



0.10

0.05

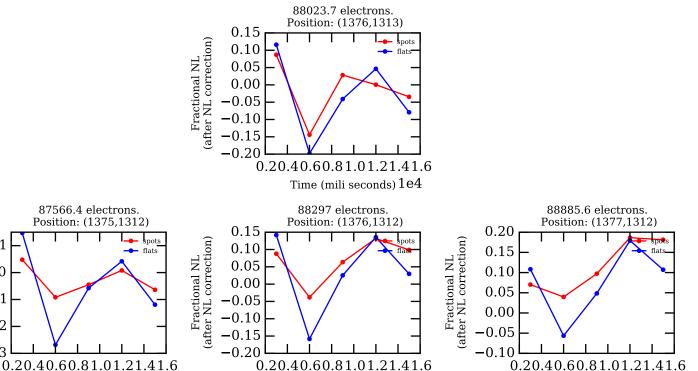
0.00

-0.05

-0.10

-0.15

(after NL correction)



Time (mili seconds) 1e4

Time (mili seconds) 1e4

87566.4 electrons.

Time (mili seconds) 1e4

(after NL correction)

Fractional NL

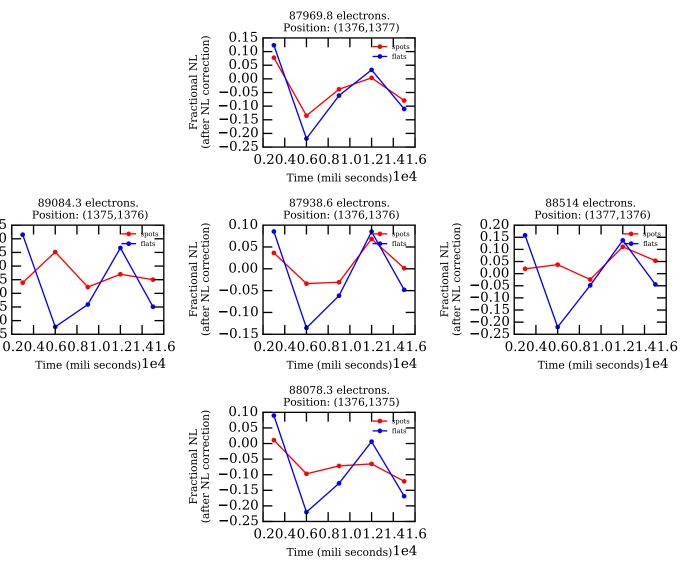
0.1

0.0

-0.1

-0.2

-0.3



0.10

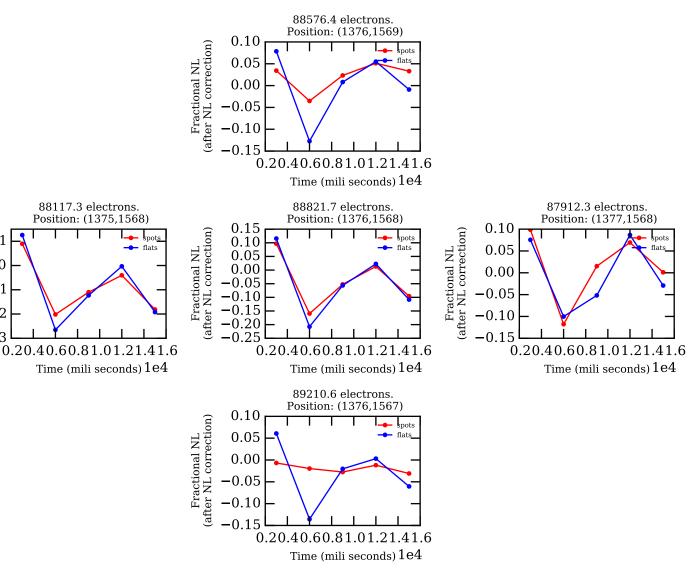
0.05

0.00

-0.05

-0.20 -0.25

(after NL correction)



88117.3 electrons.

Fractional NL (after NL correction)

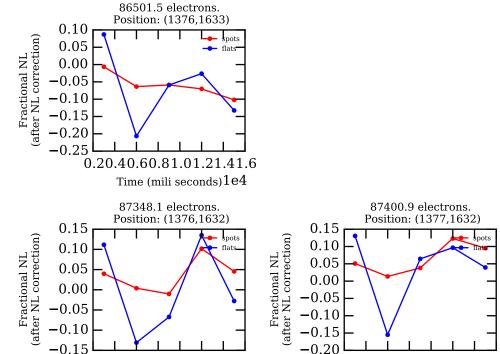
0.1

0.0

-0.1

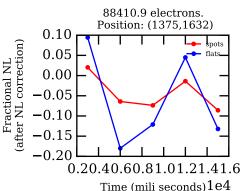
-0.2

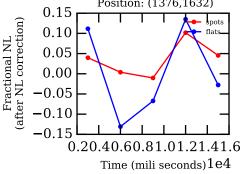
-0.3

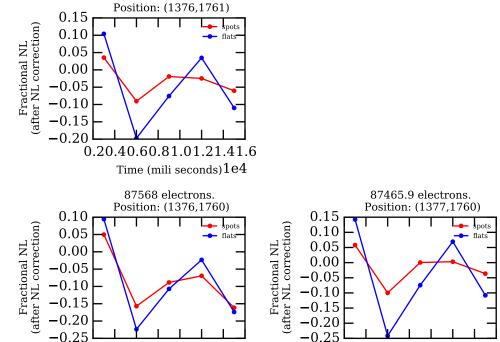


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

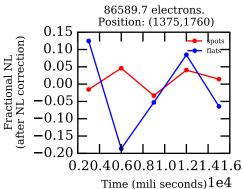


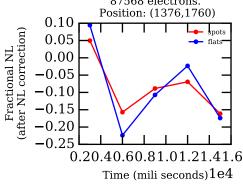




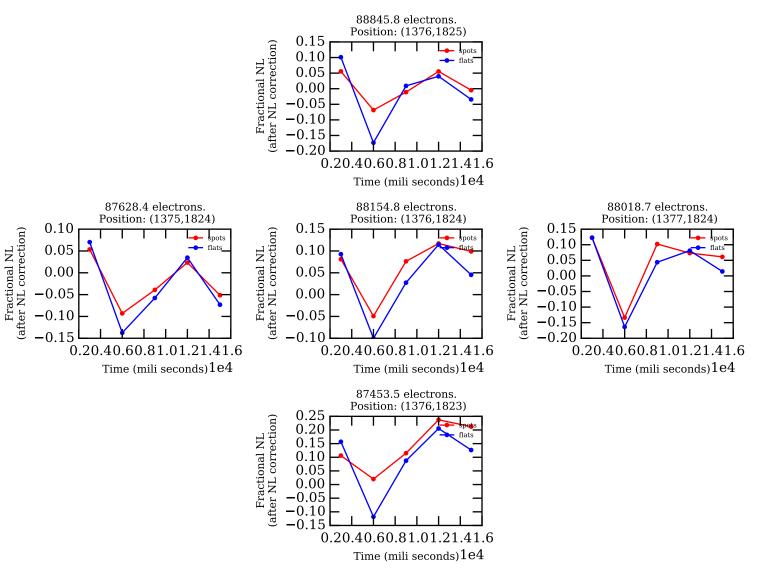
0.20.40.60.81.01.21.41.6

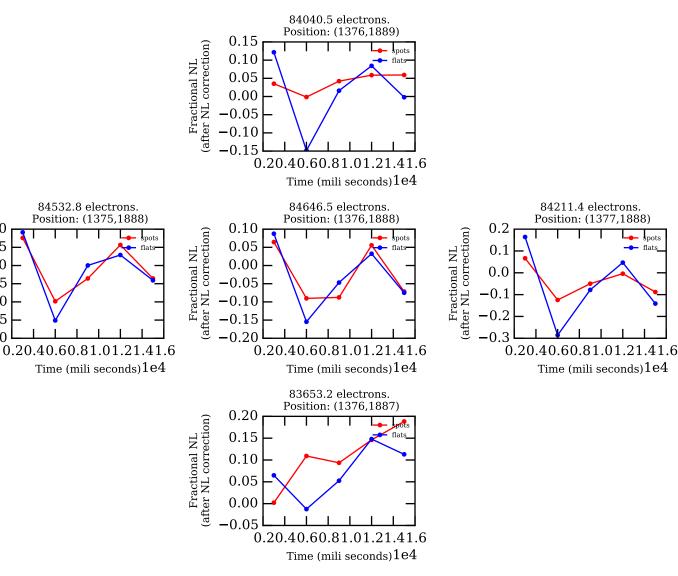
Time (mili seconds) 1e4





87802 electrons.





0.05

0.00

-0.05

-0.10

-0.15

-0.20

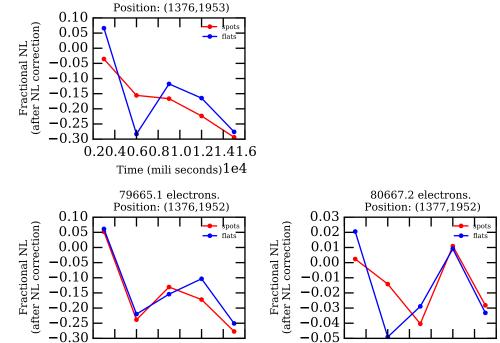
(after NL correction)

Fractional NL

84211.4 electrons.

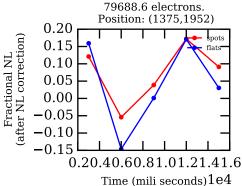
Position: (1377,1888)

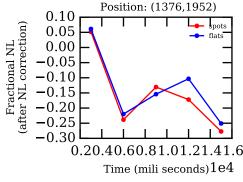
Time (mili seconds) 1e4



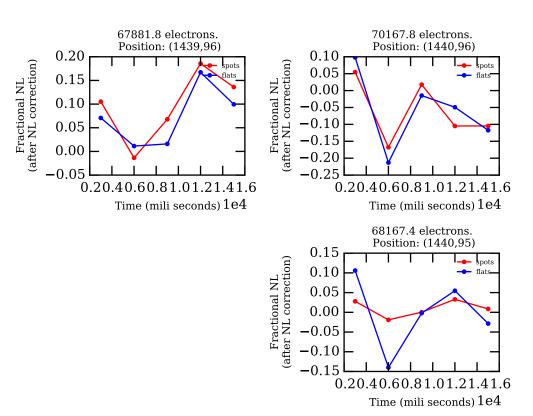
0.20.40.60.81.01.21.41.6

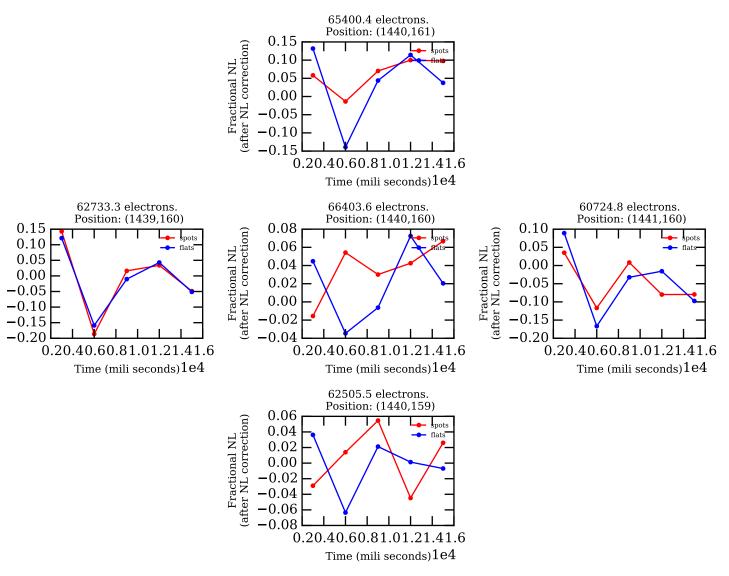
Time (mili seconds) 1e4



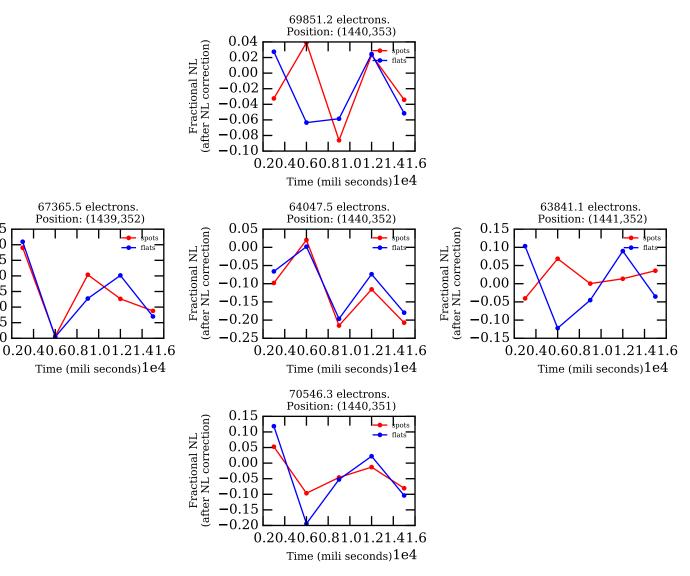


79787.9 electrons.





(after NL correction)



0.10

0.05

0.00

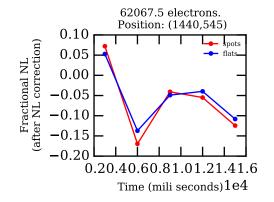
-0.05

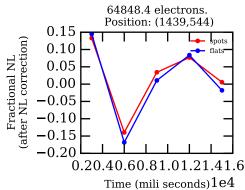
-0.10

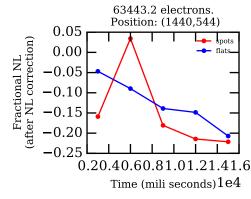
-0.15

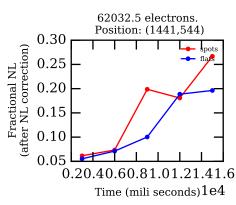
-0.20

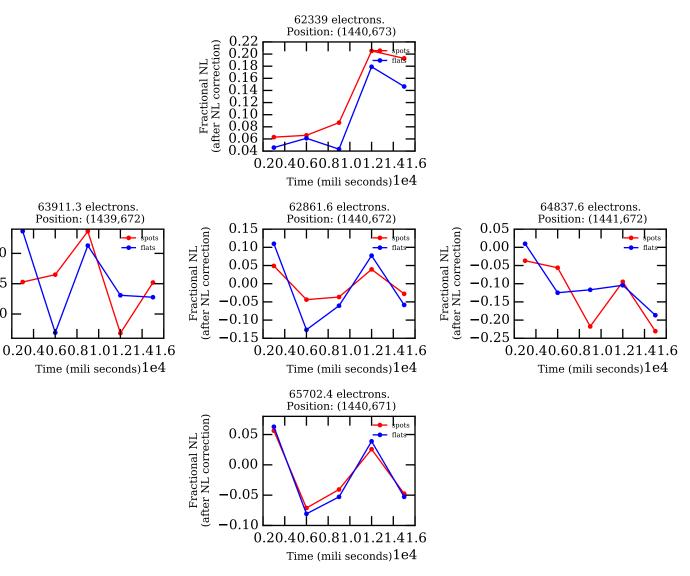
(after NL correction)











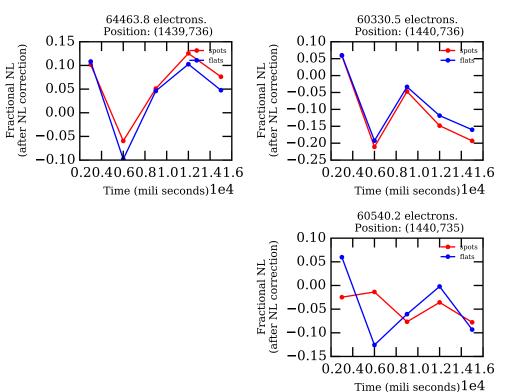
(after NL correction)

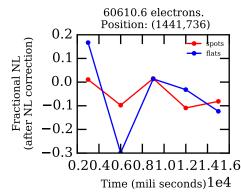
Fractional NL

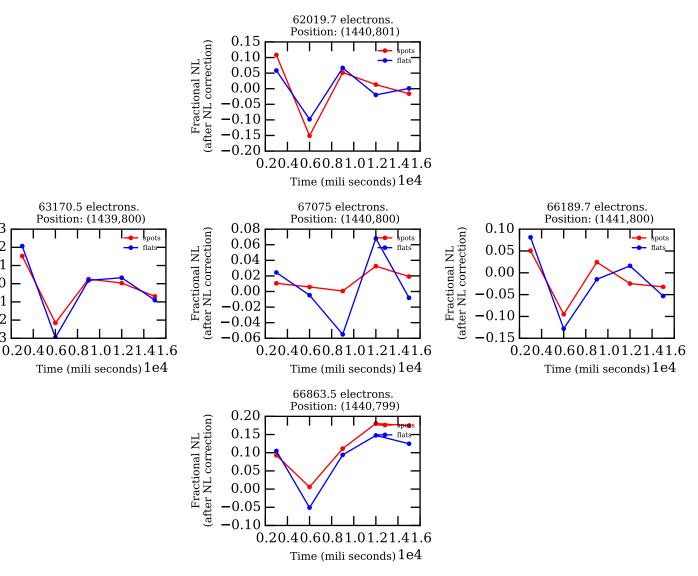
0.00

-0.05

-0.10







0.2

0.1

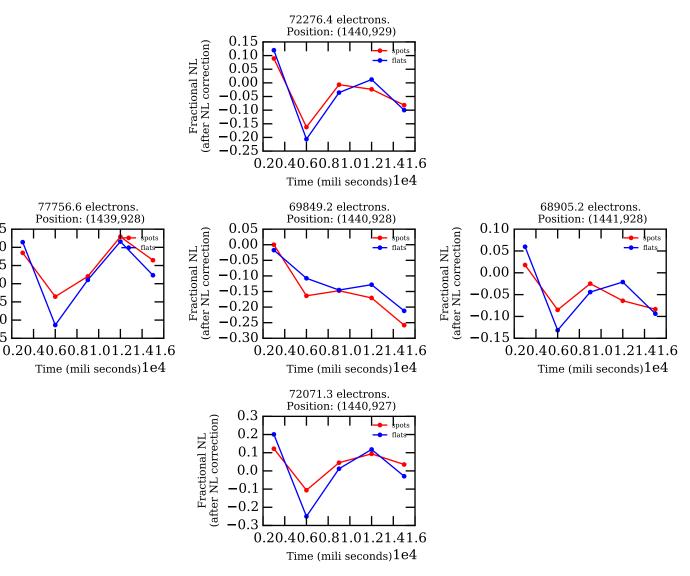
0.0

-0.1

-0.2

-0.3

(after NL correction)



0.10

0.05

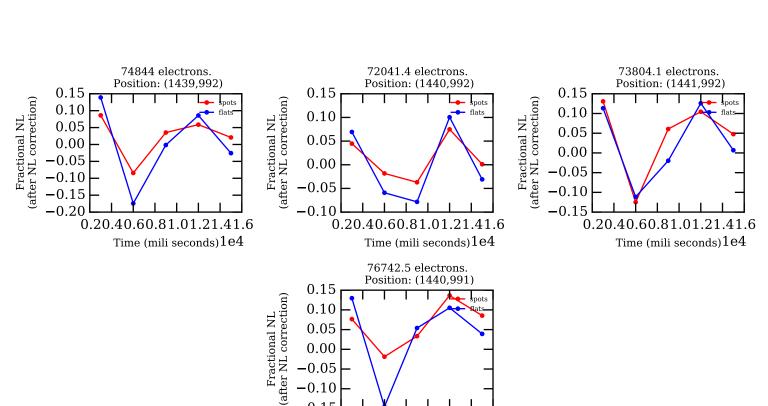
0.00

-0.05

-0.10

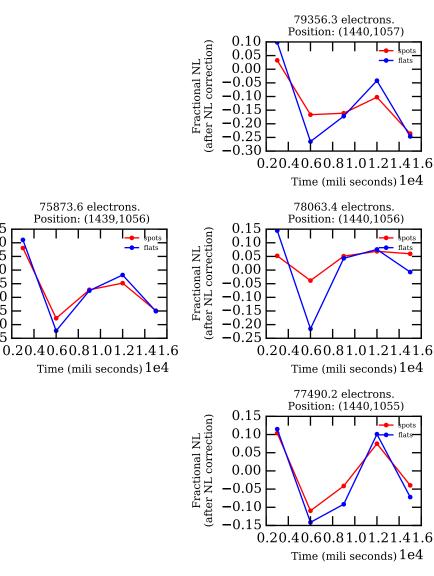
-0.15

(after NL correction)



0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4

-0.15



75873.6 electrons.

Position: (1439,1056)

0.15

0.10

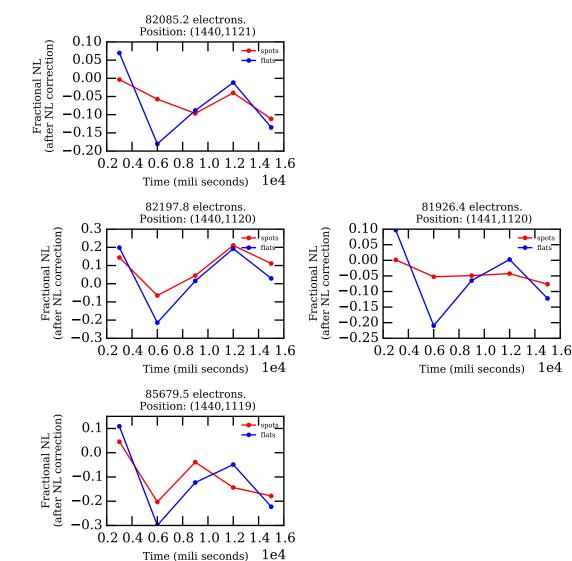
0.05

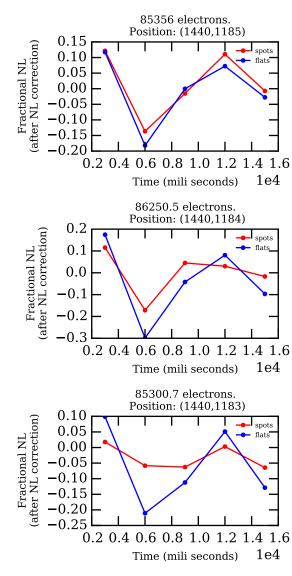
0.00

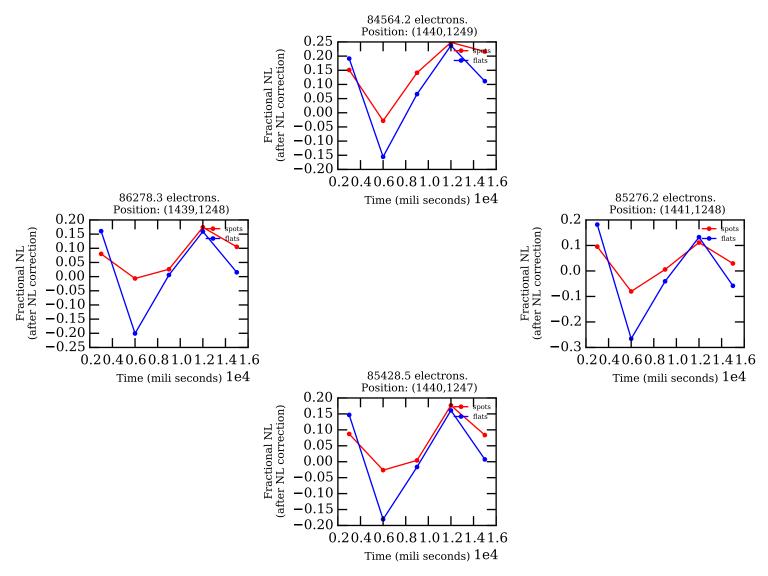
-0.05

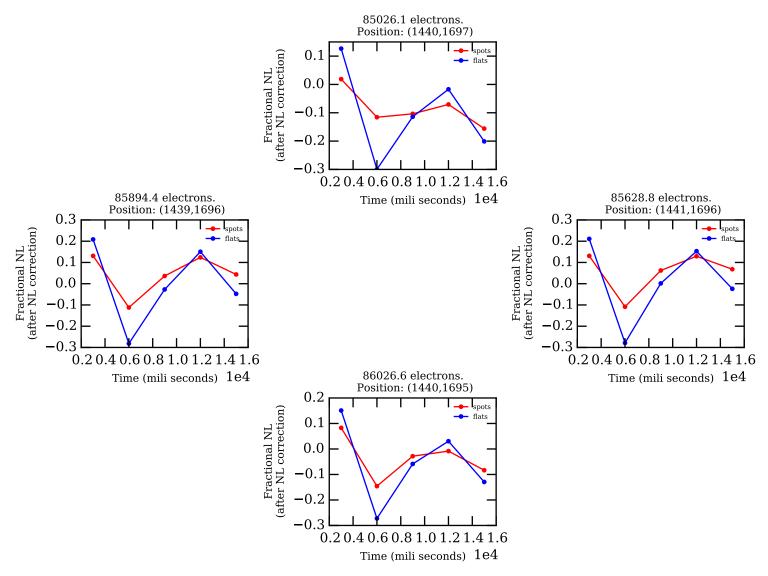
-0.25

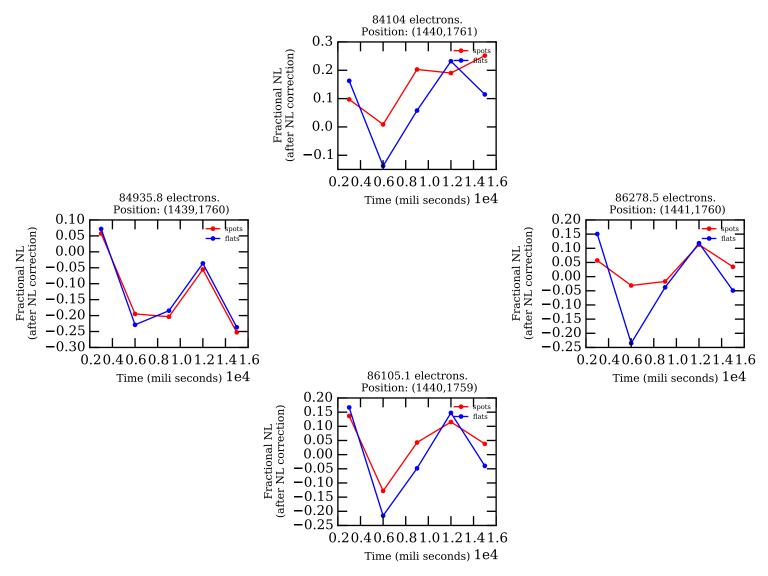
(after NL correction)

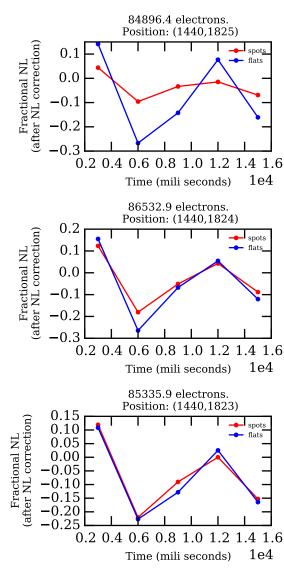


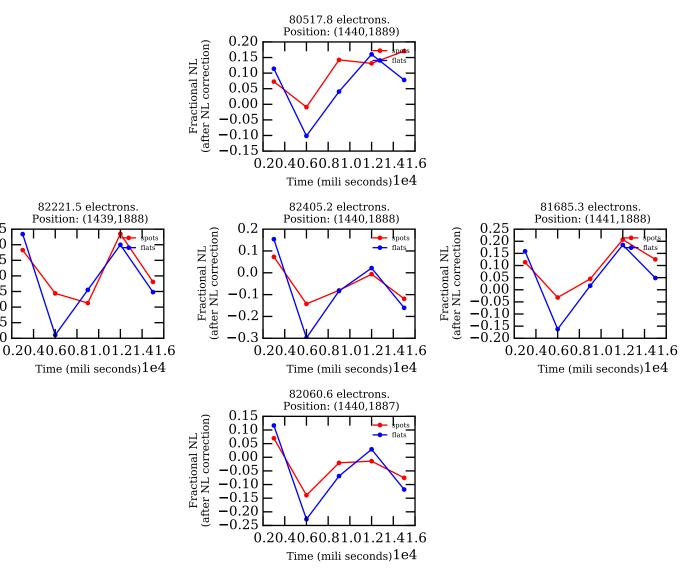












0.10

0.05

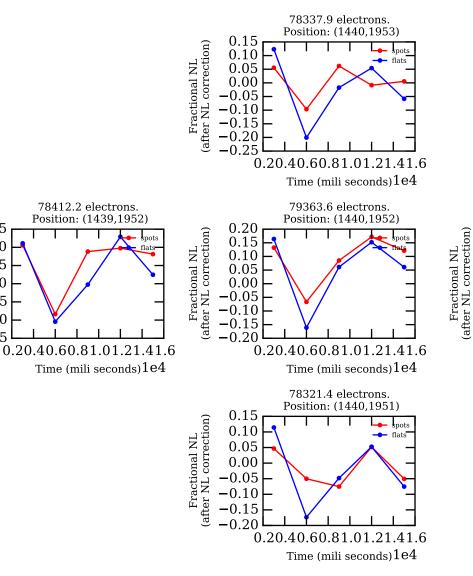
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



0.10

0.05

0.00 -0.05

-0.10

-0.15

(after NL correction)

Fractional NL

78161.2 electrons.

Position: (1441,1952)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

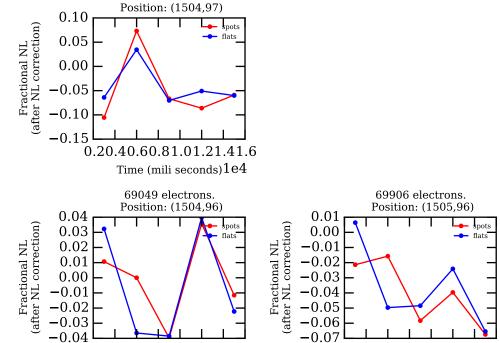
0.3

0.2

0.1

0.0

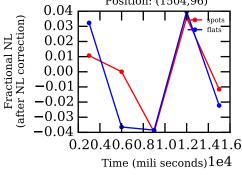
-0.1



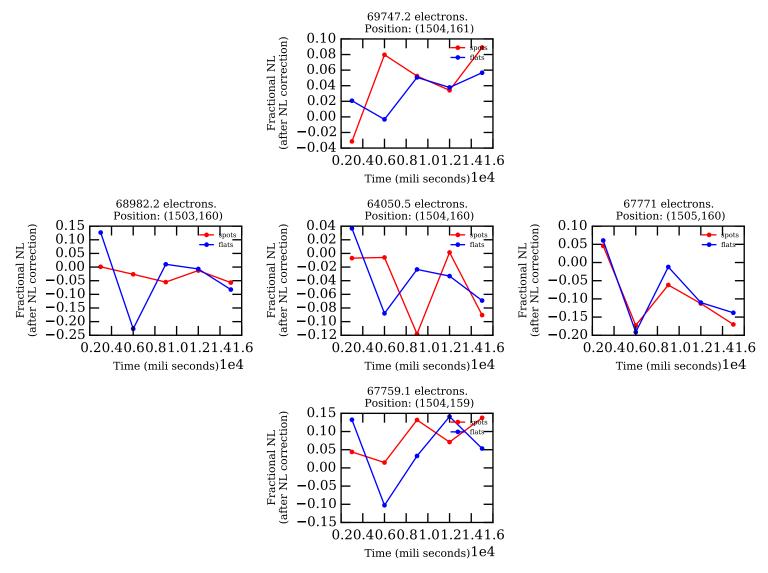
0.20.40.60.81.01.21.41.6

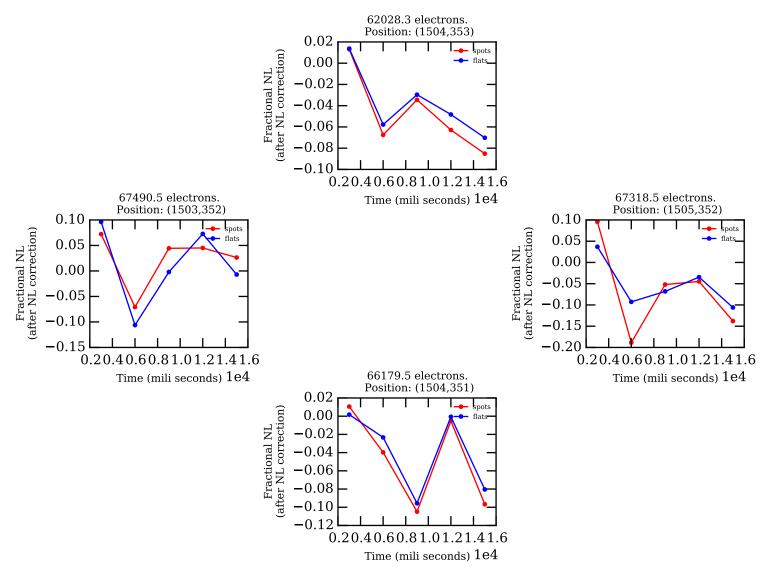
Time (mili seconds) 1e4

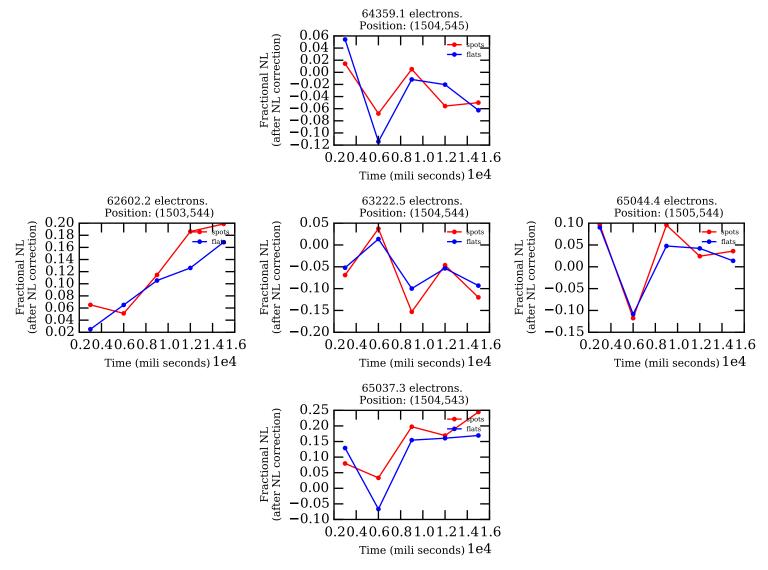
66566.3 electrons. Position: (1503,96) 0.12 (after NL correction) 0.10 Fractional NL 0.08 0.06 0.04 0.02 0.00 -0.02-0.040.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

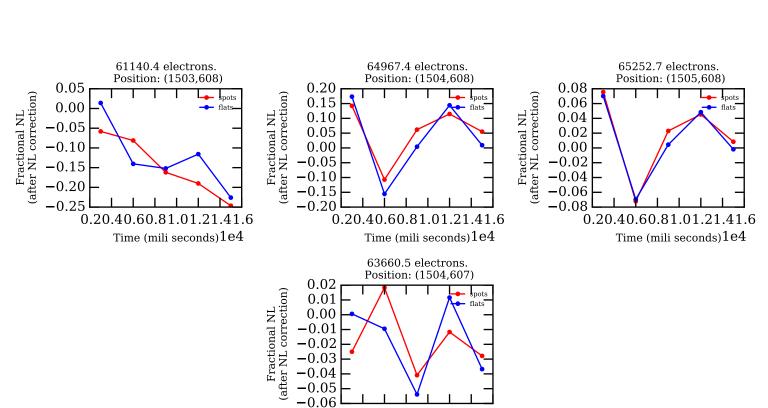


66262.5 electrons.

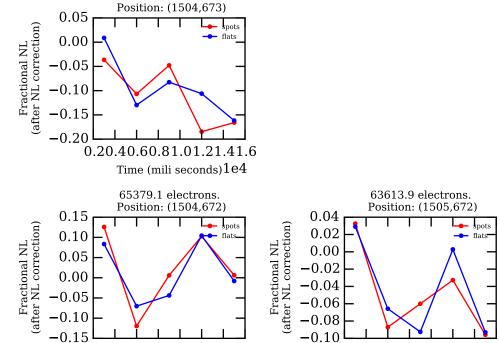






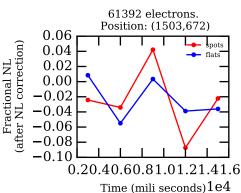


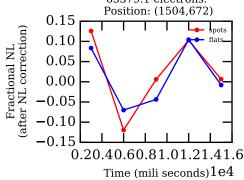
0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4



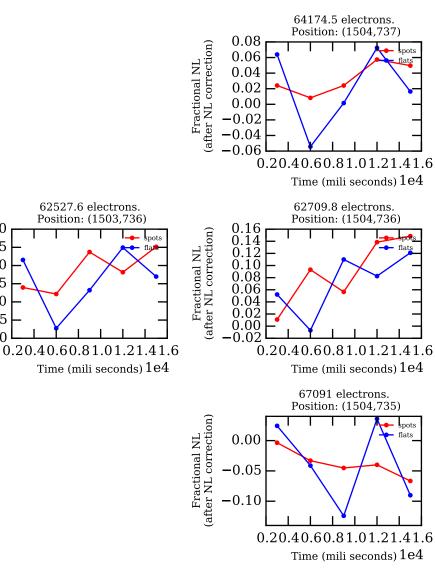
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





64560.5 electrons.



62527.6 electrons.

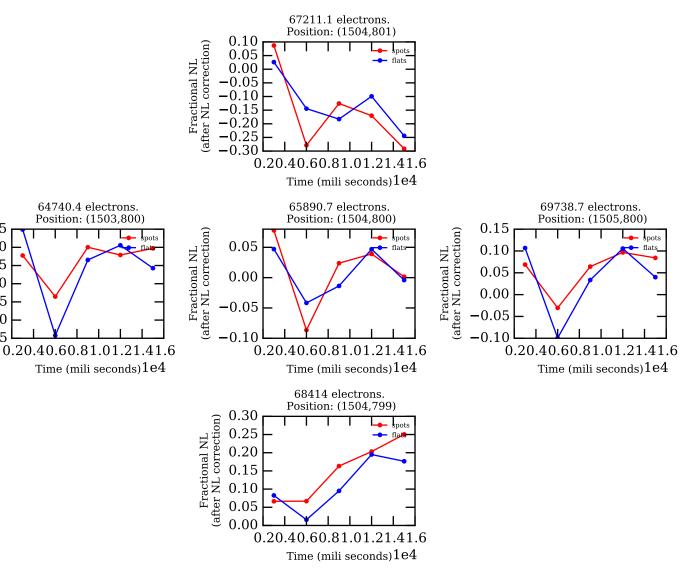
Position: (1503,736)

0.20

0.15

0.10 0.05 0.00 -0.05-0.10

(after NL correction)



0.10

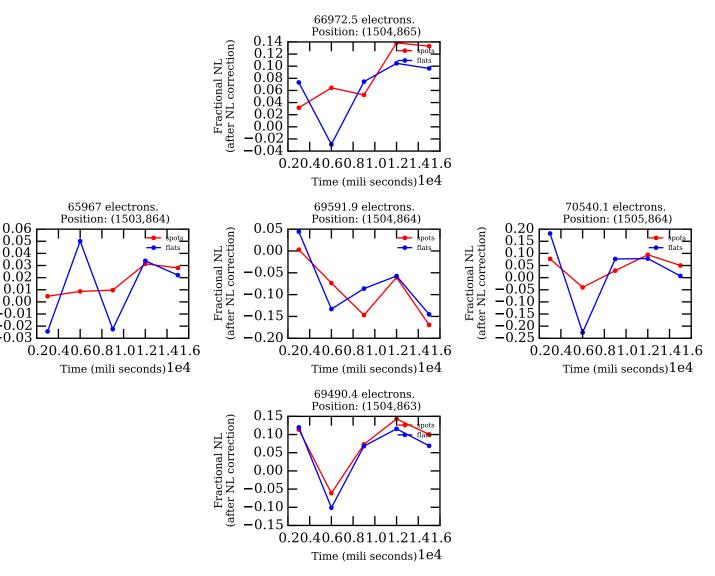
0.05

0.00

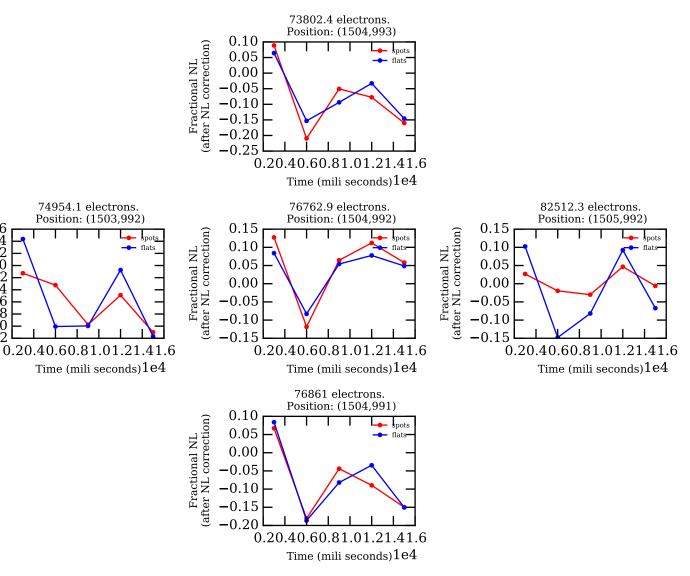
-0.05

-0.10 -0.15

(after NL correction)

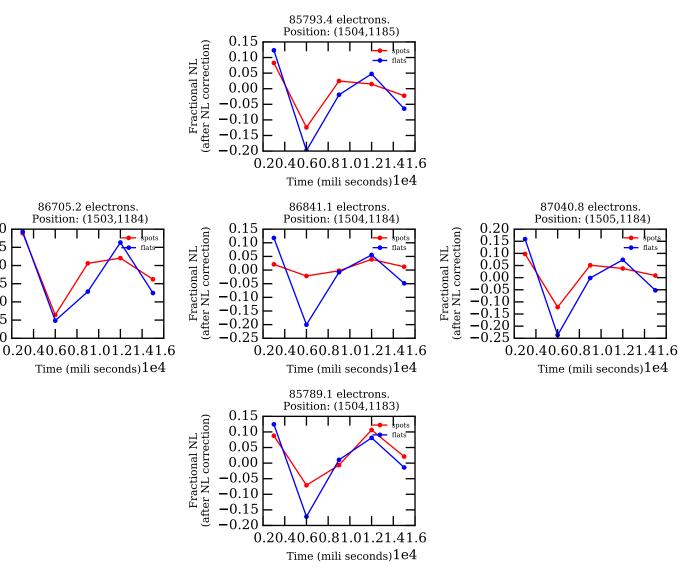


(after NL correction)



 $0.04 \\ 0.02$ 

(after NL correction)



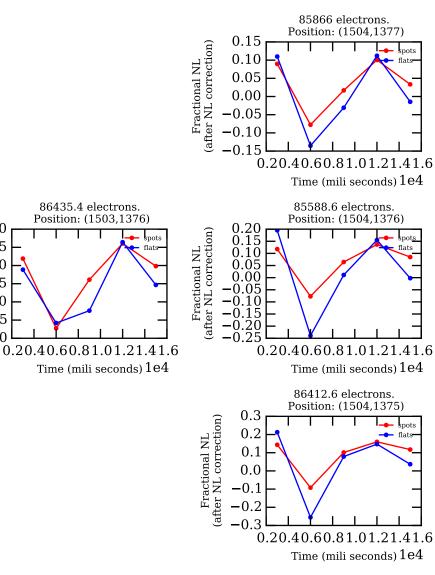
0.05

0.00

-0.05 -0.10 -0.15

-0.20

(after NL correction)



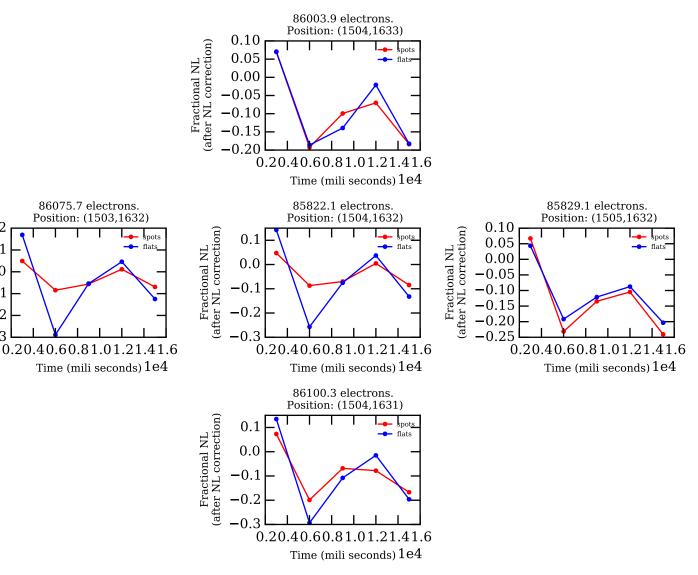
86435.4 electrons. Position: (1503,1376)

0.20

0.15

0.10 0.05 0.00 -0.05-0.10

(after NL correction)



86075.7 electrons.

0.2

0.1

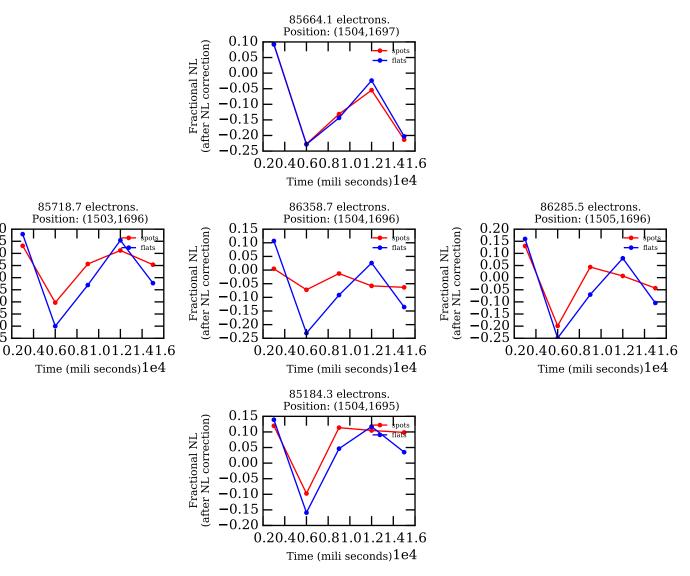
0.0

-0.1

-0.2

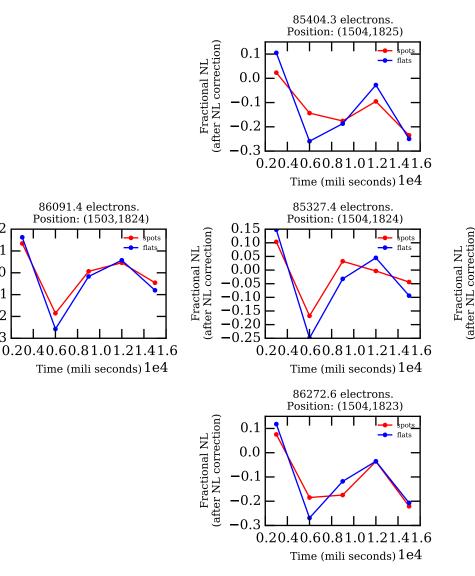
-0.3

(after NL correction)



 $0.20 \\ 0.15$ 

(after NL correction)



86091.4 electrons. Position: (1503,1824)

0.2

0.1

0.0

-0.1

-0.2

-0.3

(after NL correction)

Fractional NL

86881.7 electrons.

Position: (1505,1824)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

0.3

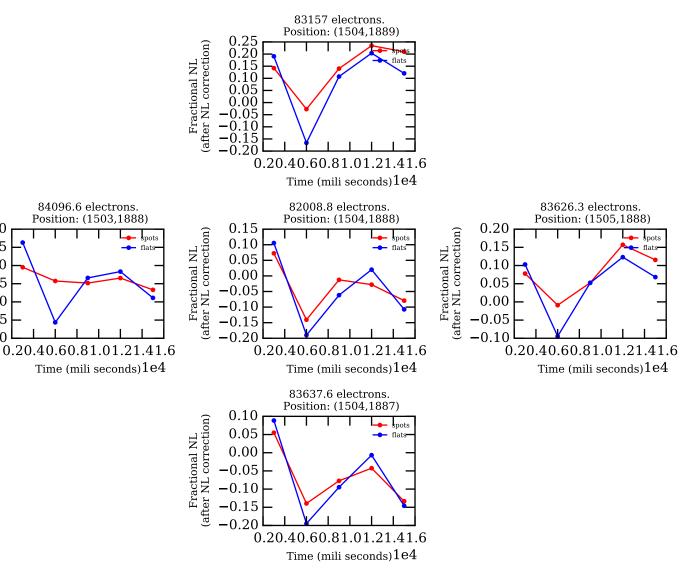
0.2

0.1

0.0

-0.1

-0.2



0.05

0.00

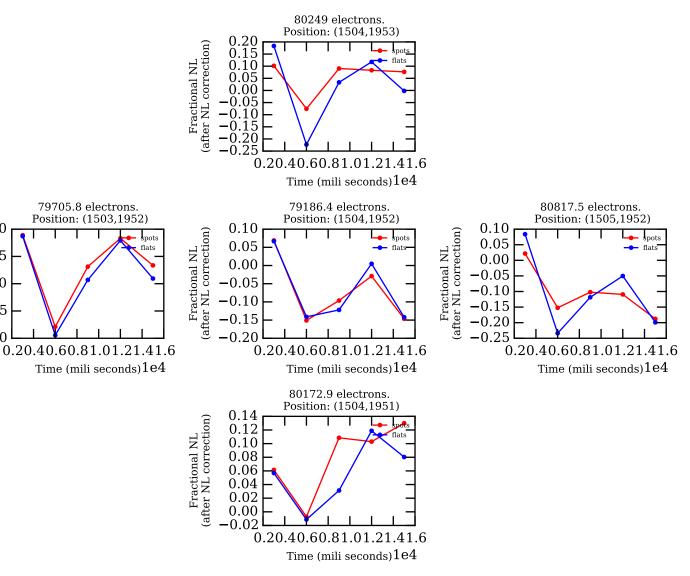
-0.05

-0.10

-0.15

-0.20

(after NL correction)



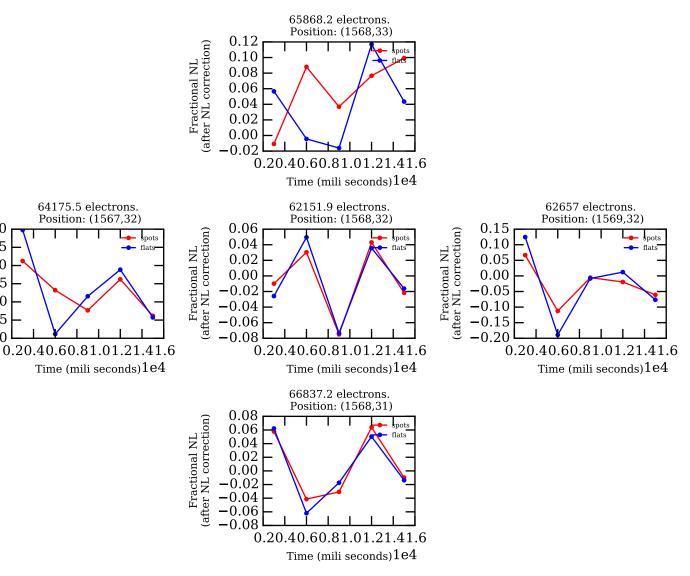
0.05

0.00

-0.05

-0.10

(after NL correction)



0.05

0.00

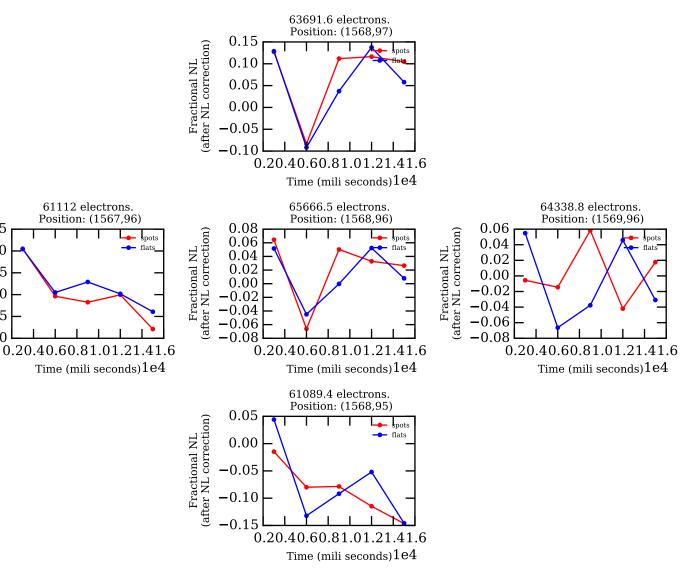
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.00

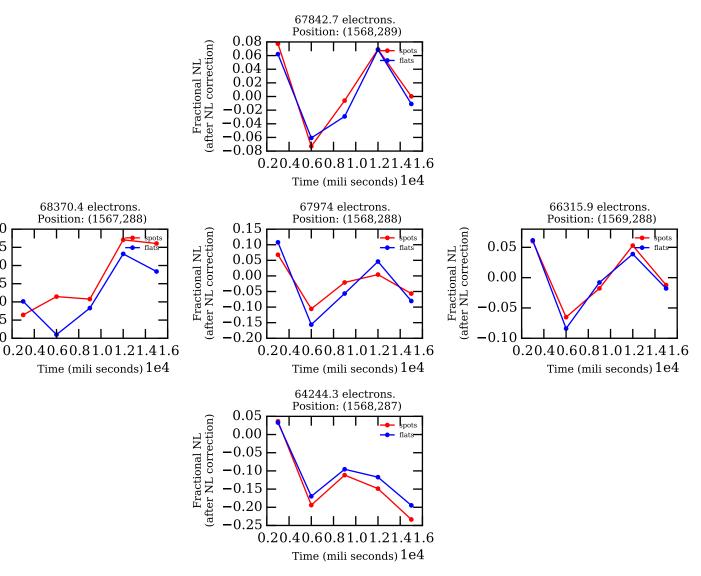
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.25

0.20

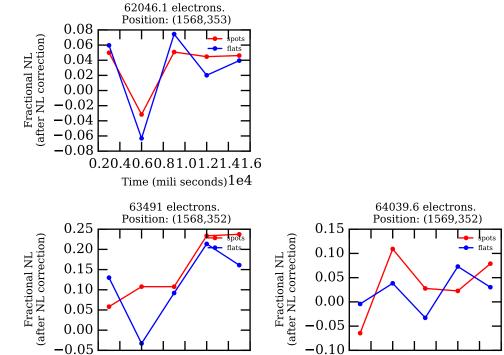
0.15

0.10

0.05

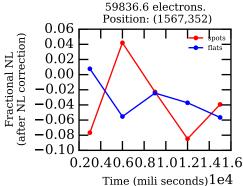
0.00

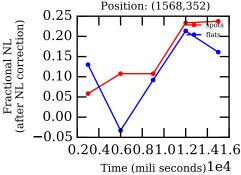
(after NL correction)

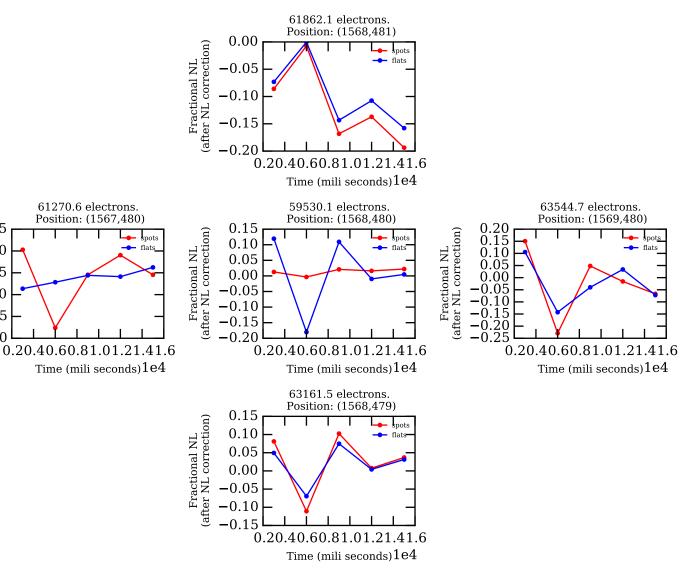


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4







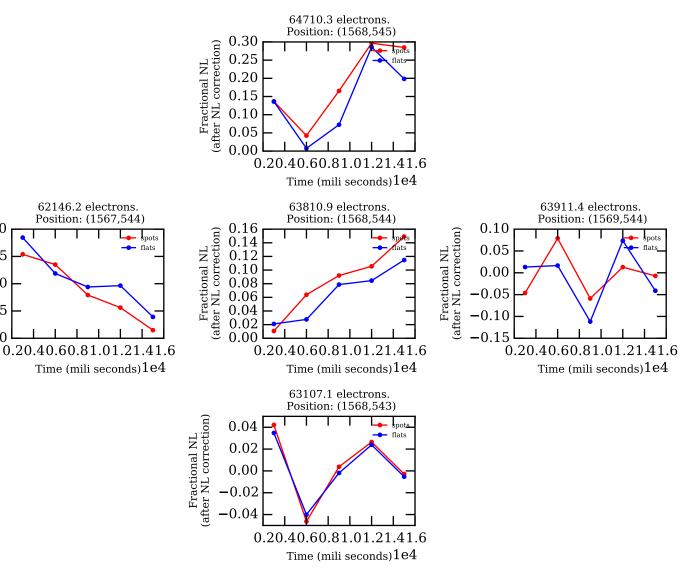
0.10

0.05

0.00 -0.05

-0.10

(after NL correction)



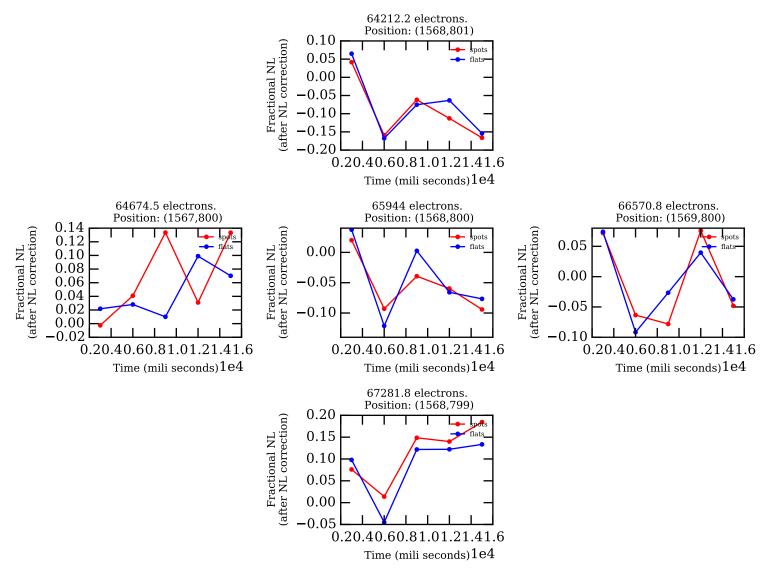
-0.05

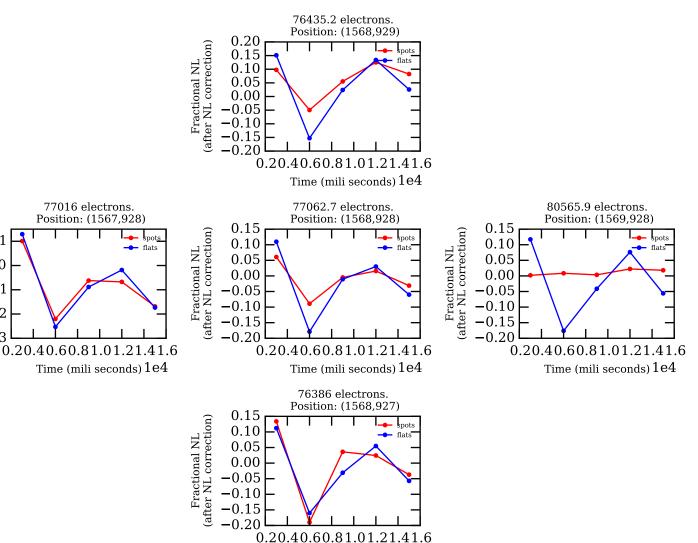
-0.10

-0.15

-0.20

(after NL correction)





Time (mili seconds) 1e4

77016 electrons.

(after NL correction)

Fractional NL

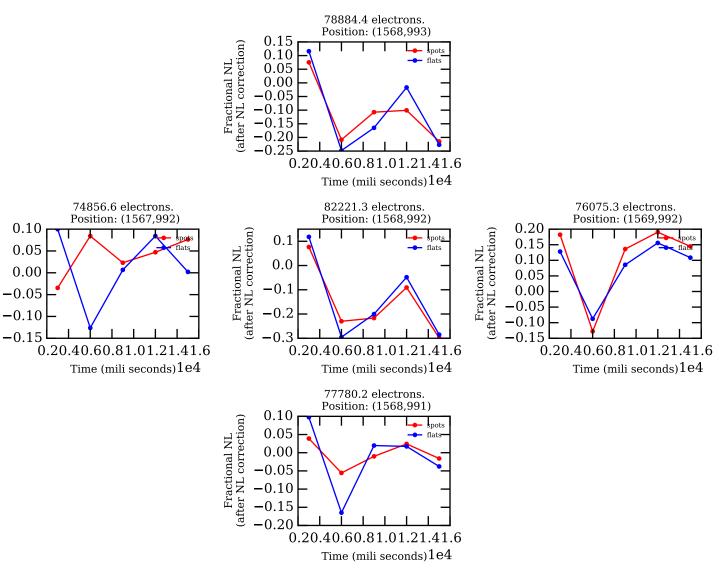
0.1

0.0

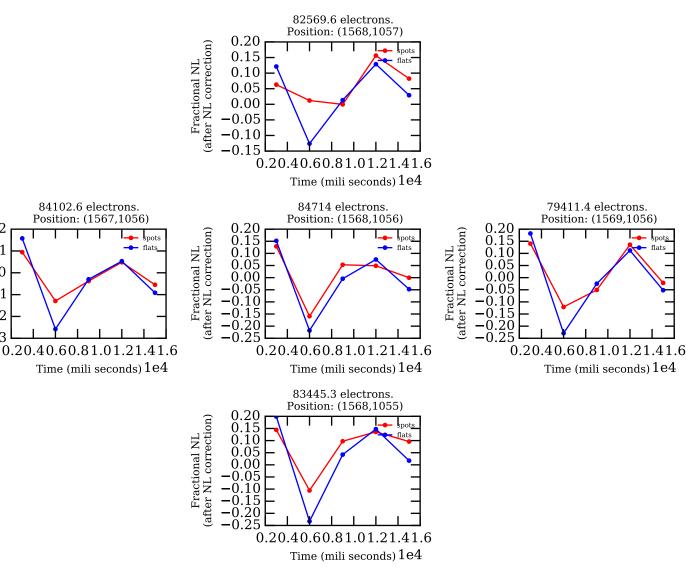
-0.1

-0.2

-0.3



(after NL correction)

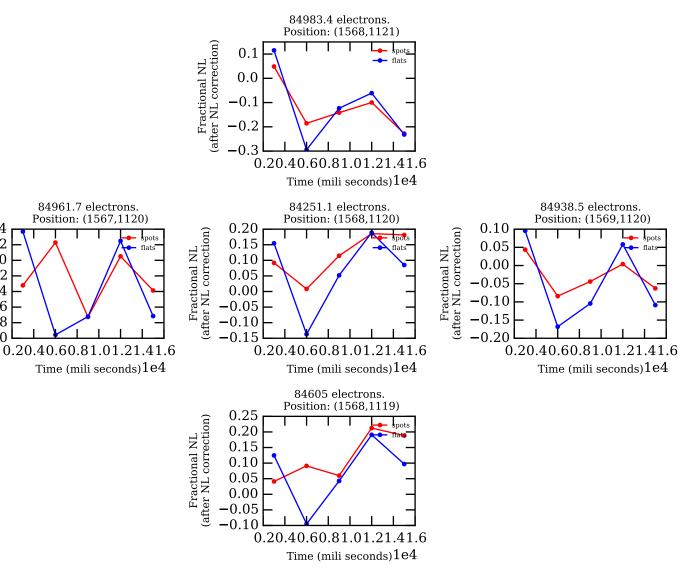


0.1

0.0 -0.1

-0.2 -0.3

(after NL correction)



0.02

0.00

-0.02

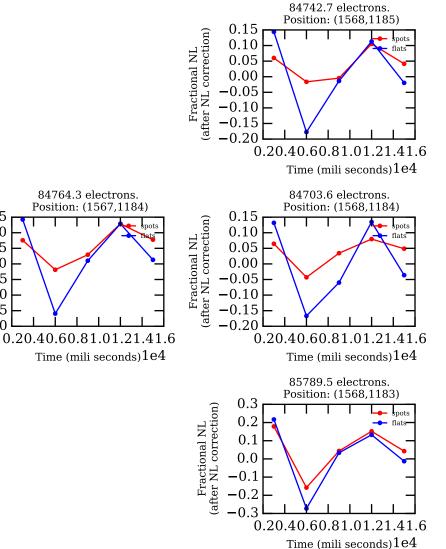
-0.04

-0.06

-0.08

-0.10

(after NL correction)



0.10

0.05

0.00

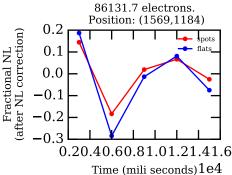
-0.05

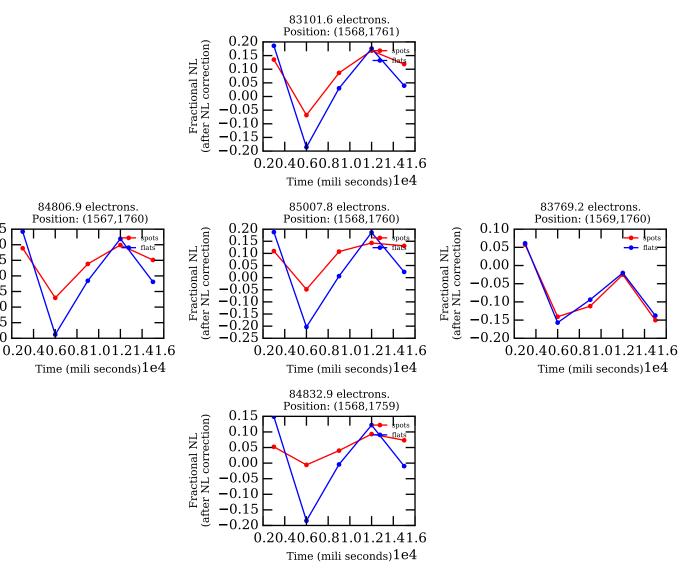
-0.10

-0.15

-0.20

(after NL correction)





0.10

0.05

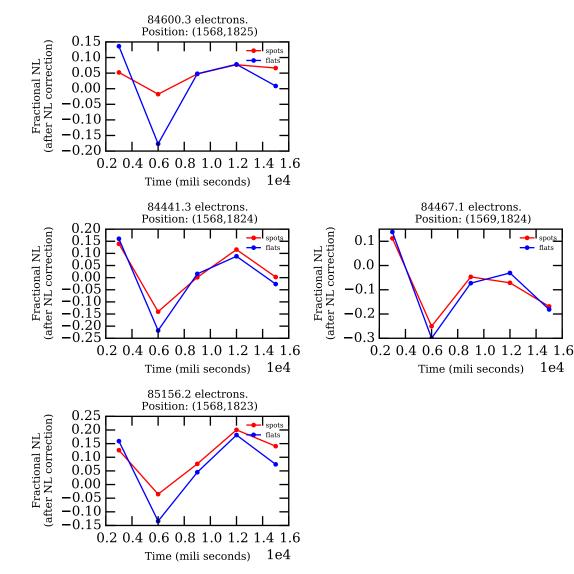
0.00

-0.05

-0.10

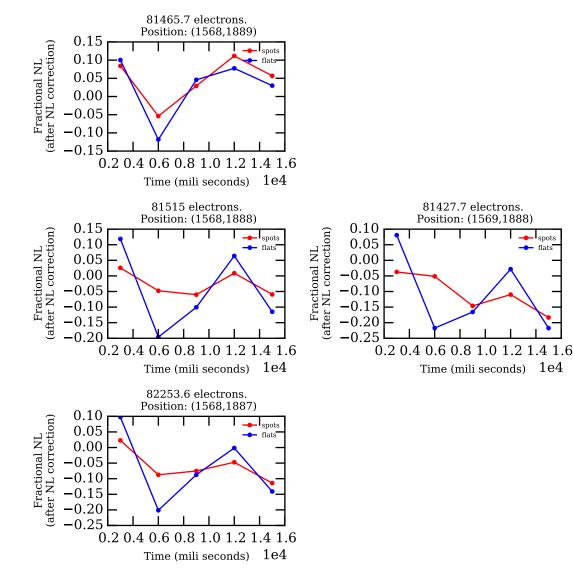
-0.15 -0.20

(after NL correction)

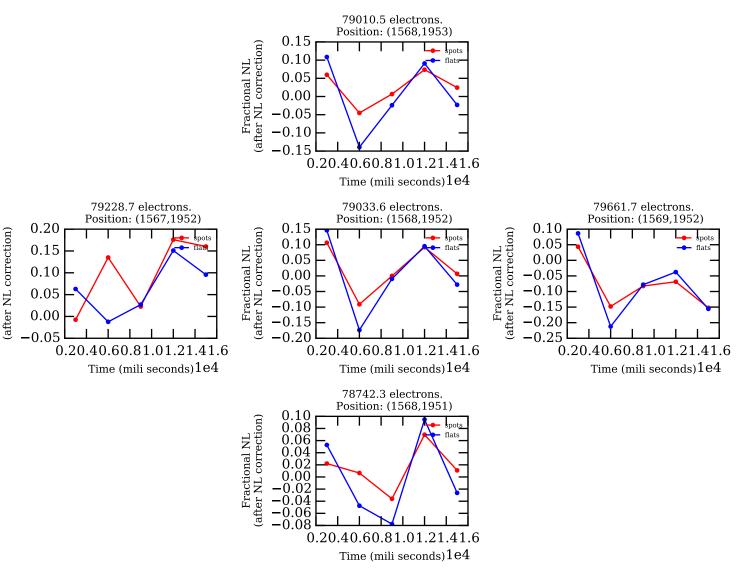


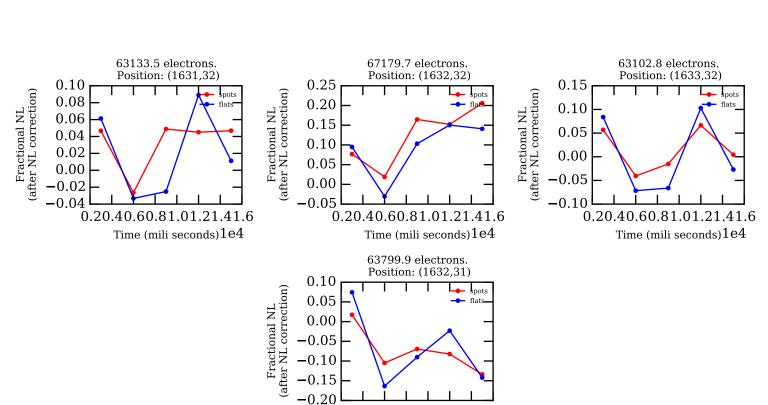
- flats

1e4

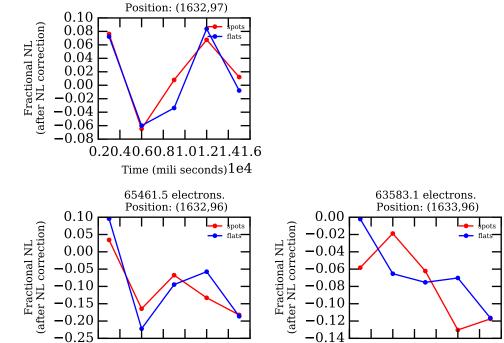


1e4



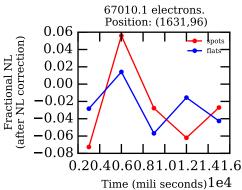


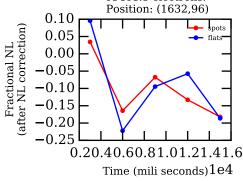
0.20.40.60.81.01.21.41.6 Time (mili seconds)1e4



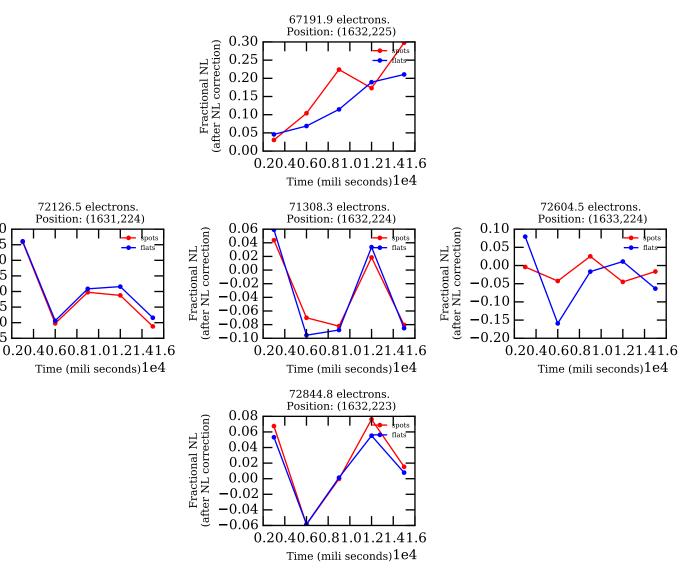
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





62711.7 electrons.



0.05

0.00

-0.05

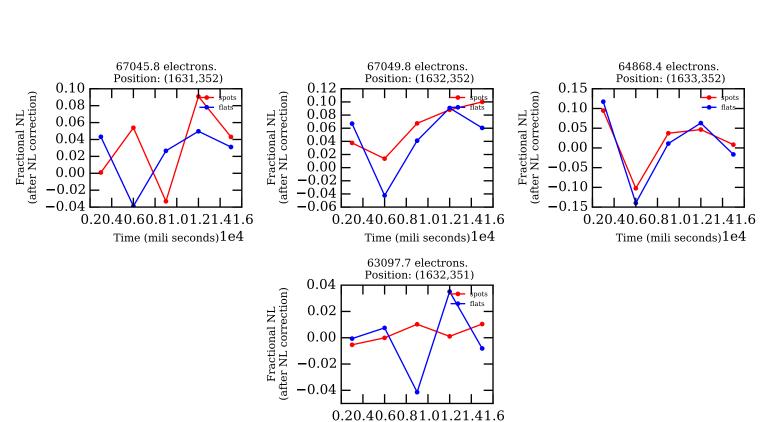
-0.10

-0.15

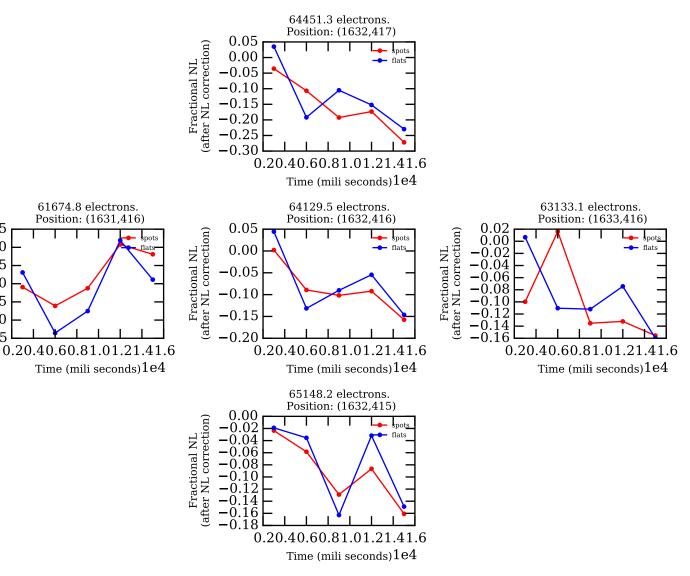
-0.20

-0.25

(after NL correction)



Time (mili seconds) 1e4



0.20

0.15

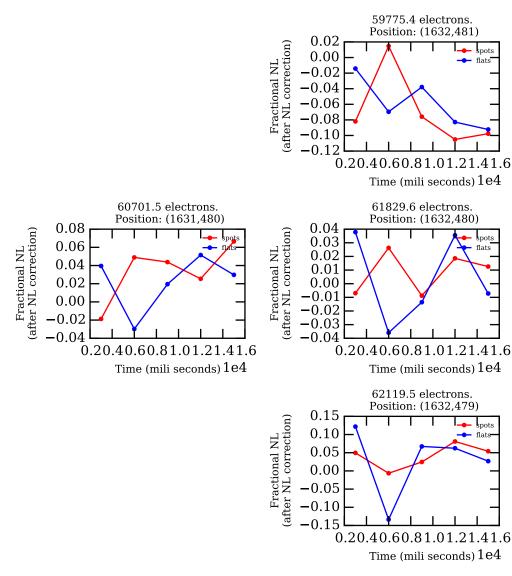
0.10

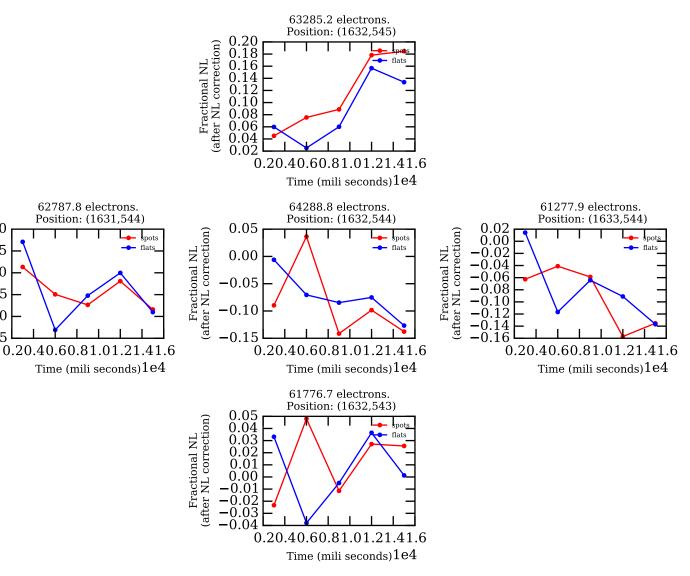
0.05

0.00

-0.05

(after NL correction)





0.05

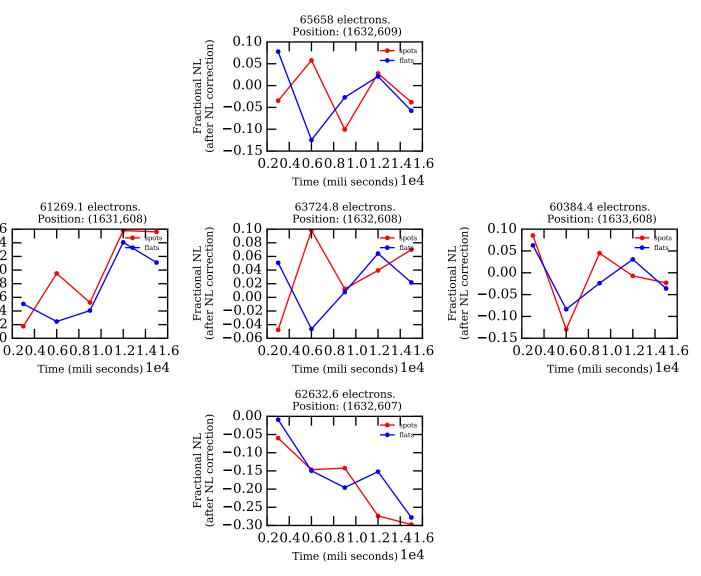
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.14

0.12

0.10

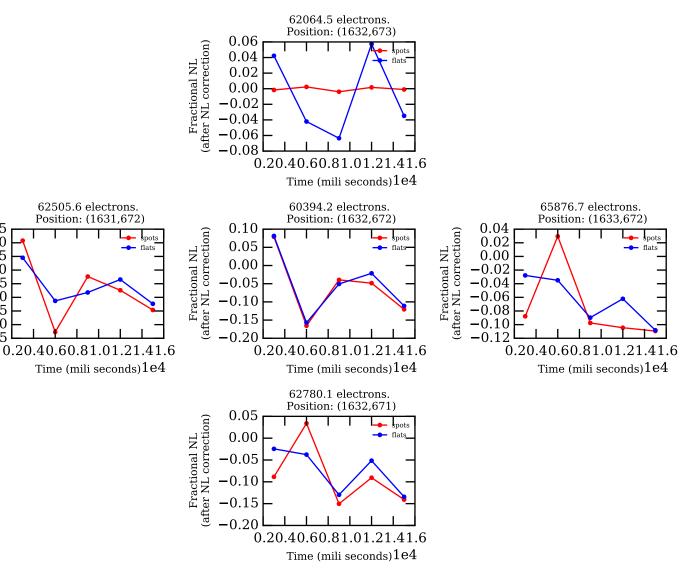
0.08 0.06

0.04

0.02

0.00

(after NL correction)



0.10

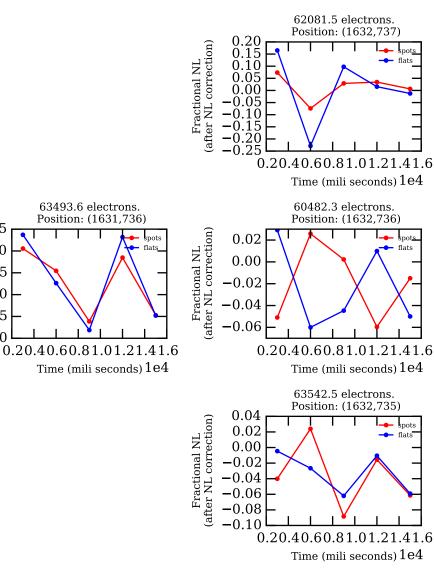
0.05

0.00

-0.05

-0.25

(after NL correction)



63493.6 electrons.

Position: (1631,736)

0.05

0.00

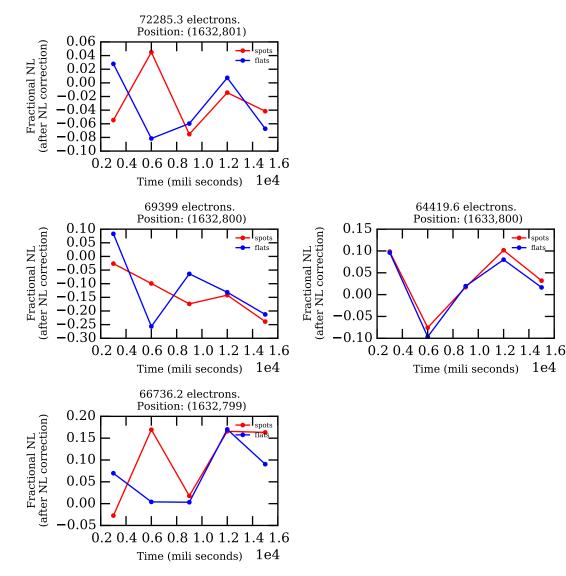
-0.05

-0.10

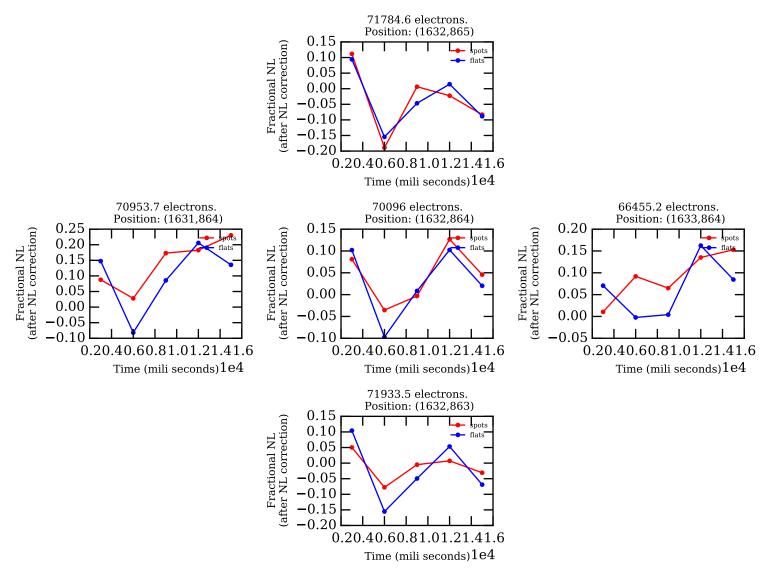
-0.15

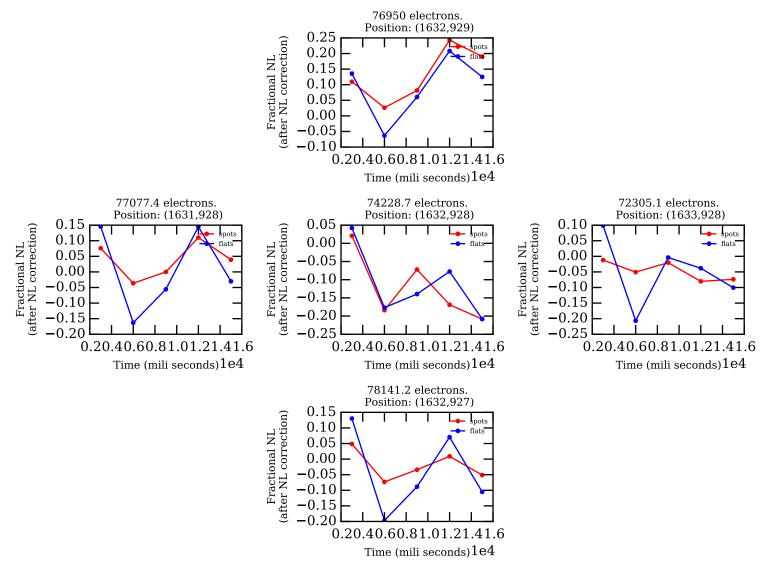
-0.20

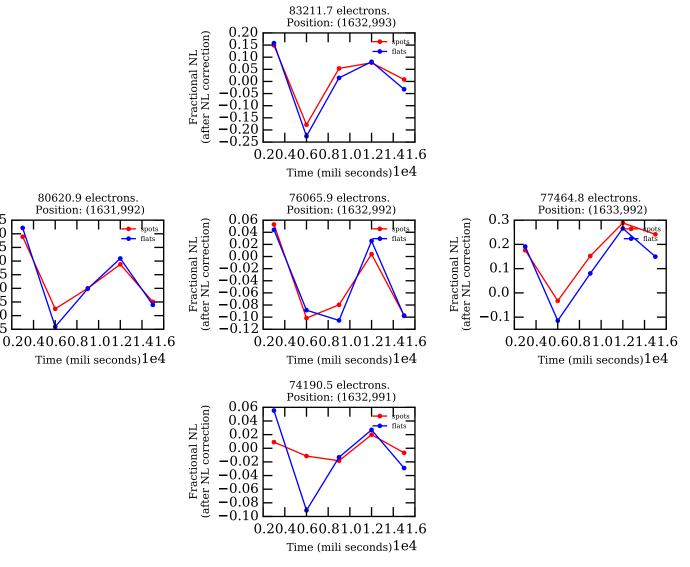
(after NL correction)



1e4







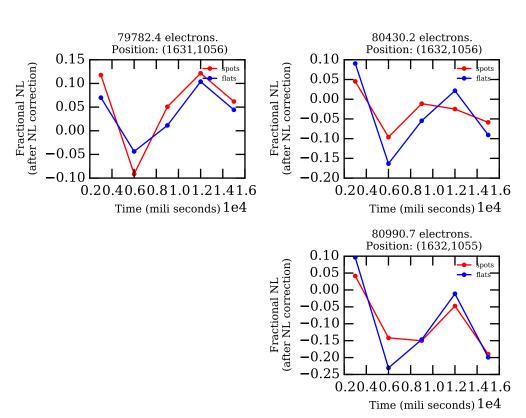
0.10

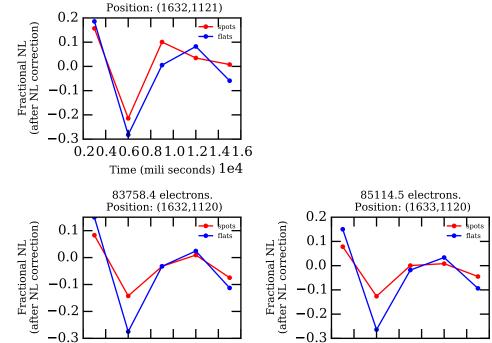
 $0.05 \\ 0.00$ 

-0.05

-0.25

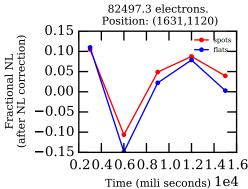
(after NL correction)

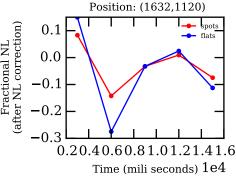




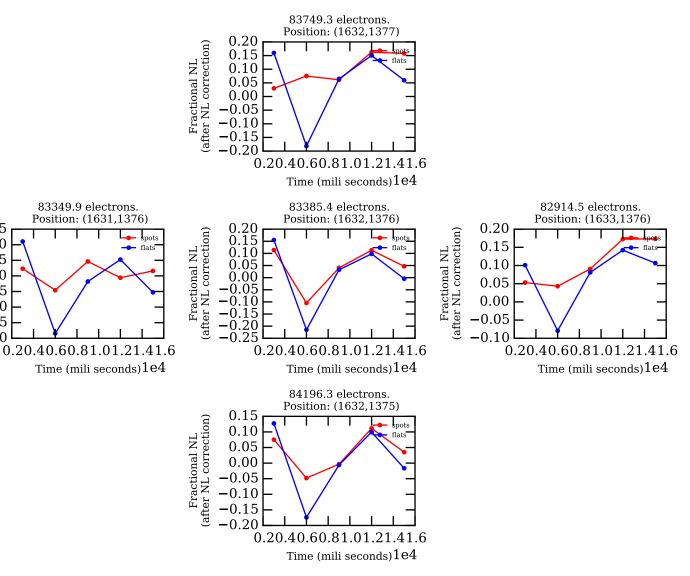
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





83937.3 electrons.



0.10

0.05

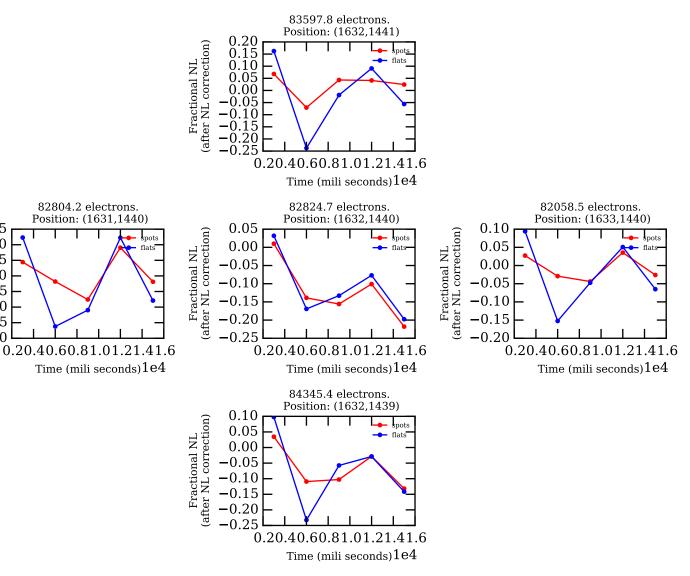
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



0.10

0.05

0.00

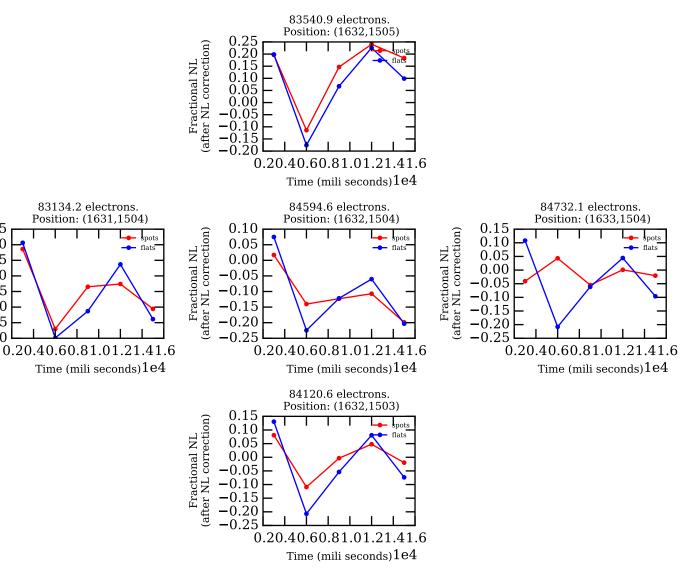
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.10

0.05

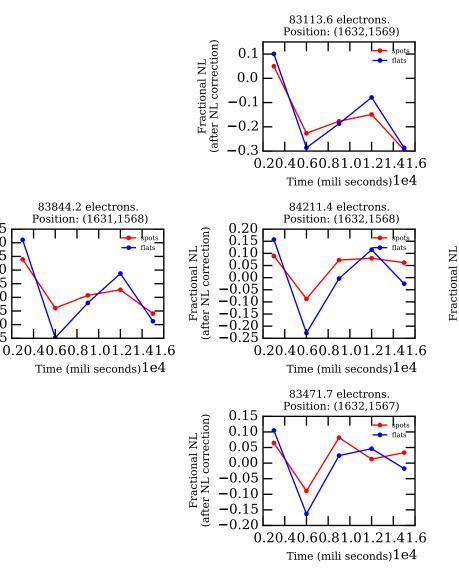
0.00

-0.05 -0.10

-0.15

-0.20

(after NL correction)



83042 electrons.

(after NL correction)

0.1

0.0

-0.1-0.2

-0.

Position: (1633,1568)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

flats

83844.2 electrons.

0.15

0.10

0.05

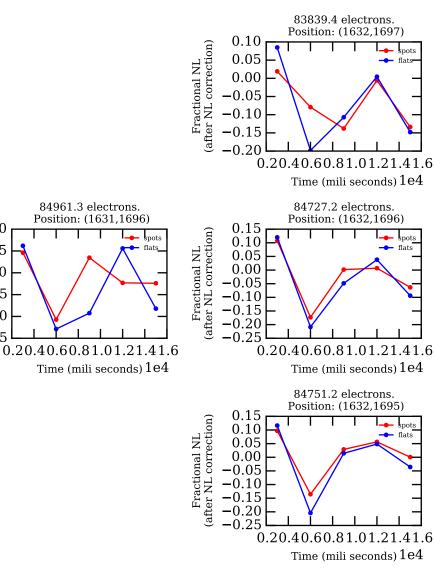
0.00 -0.05

-0.25

(after NL correction)

Fractional NL

Position: (1631,1568)



84961.3 electrons.

0.10

0.05

0.00

-0.05

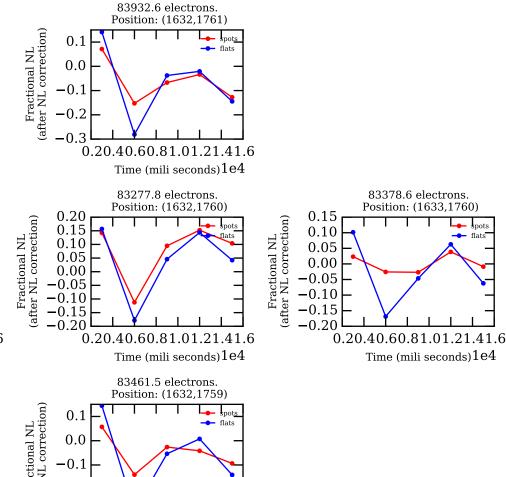
-0.10

-0.15

(after NL correction)

Fractional NL

Position: (1631,1696)



(after NL correction) Fractional NL -0.10-0.150.20.40.60.81.01.21.41.6Time (mili seconds) 1e4 (after NL correction) Fractional NL -0.2-0.30.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

pots

flats

83462.4 electrons.

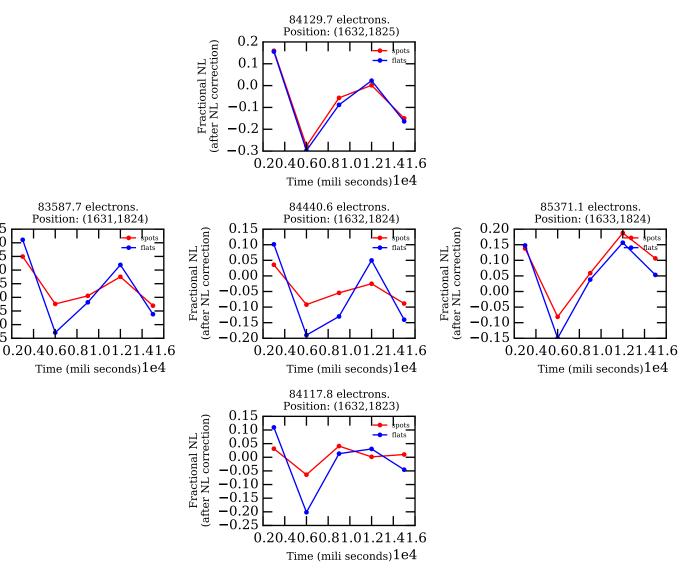
0.10

0.05

0.00

-0.05

Position: (1631,1760)



83587.7 electrons.

0.15

0.10

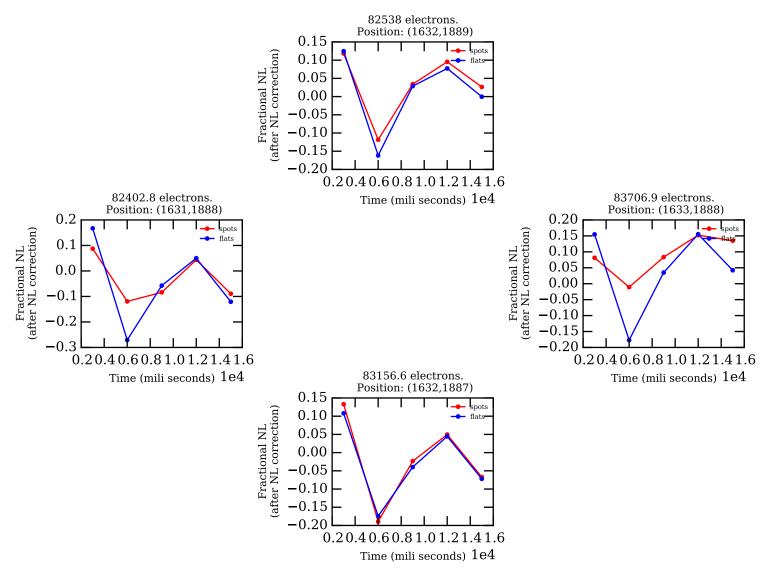
0.05

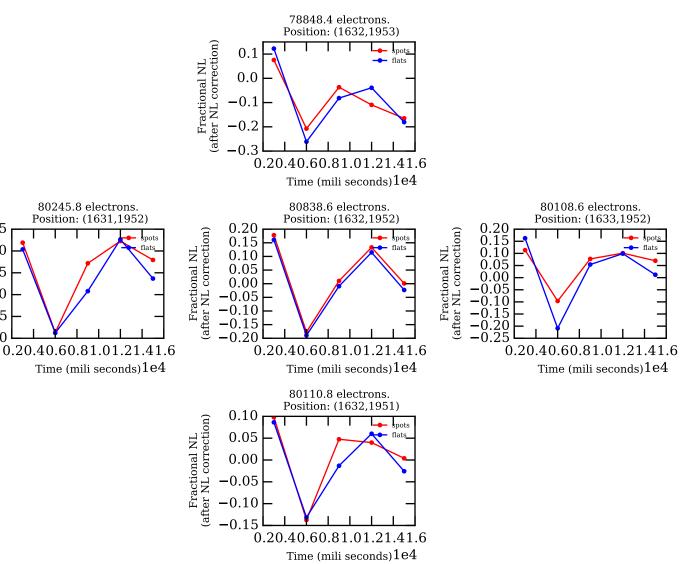
0.00

-0.05

-0.20-0.25

(after NL correction)





80245.8 electrons.

0.15

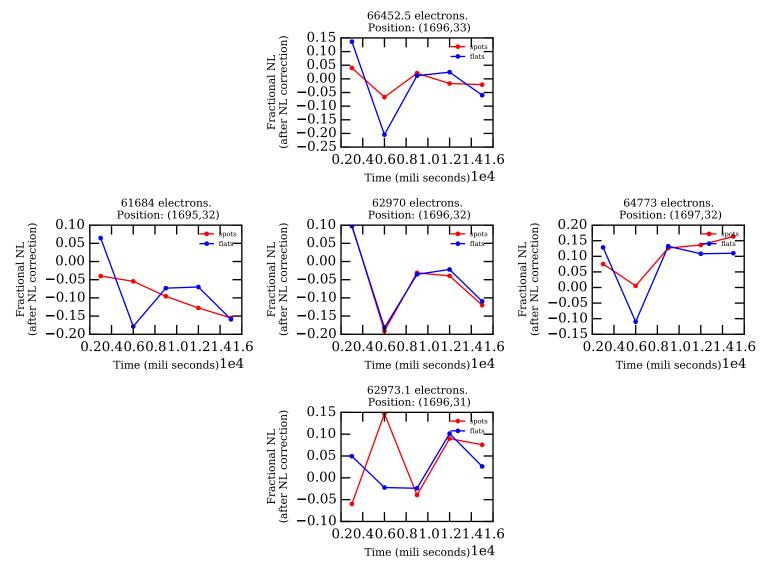
0.10

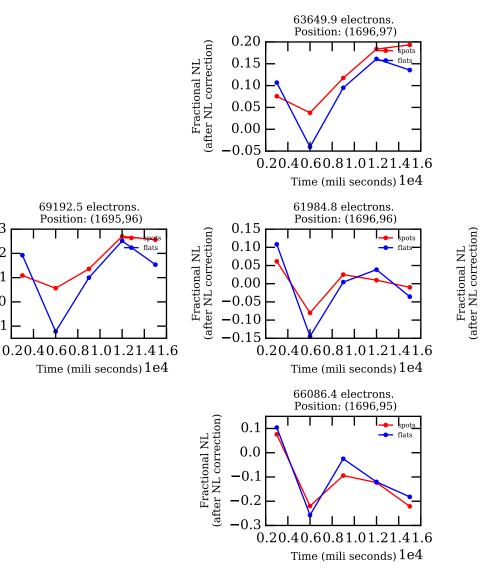
0.05

0.00 -0.05

-0.10

(after NL correction)





60997.6 electrons.

Position: (1697,96)

0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

0.30

0.25

0.20

0.15

0.10

0.05

69192.5 electrons.

Position: (1695,96)

0.3

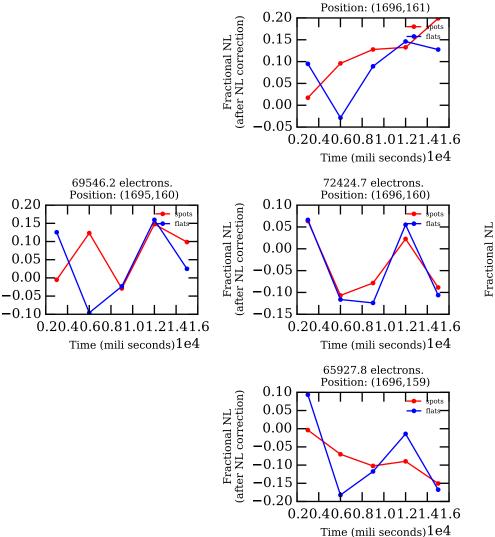
0.2

0.1

0.0

-0.1

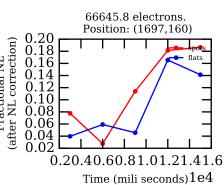
(after NL correction)

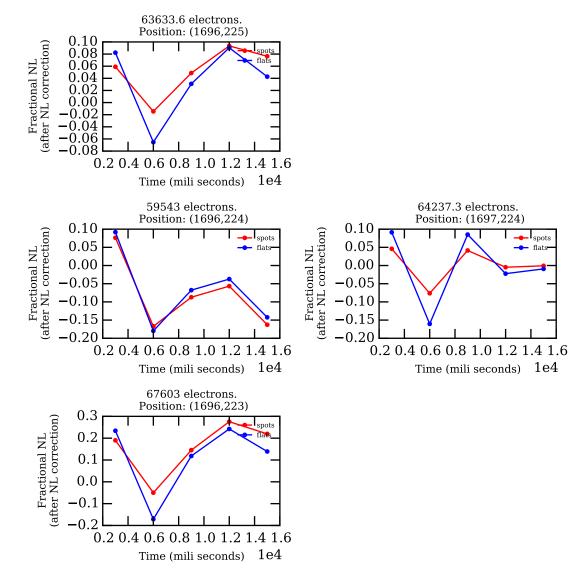


(after NL correction)

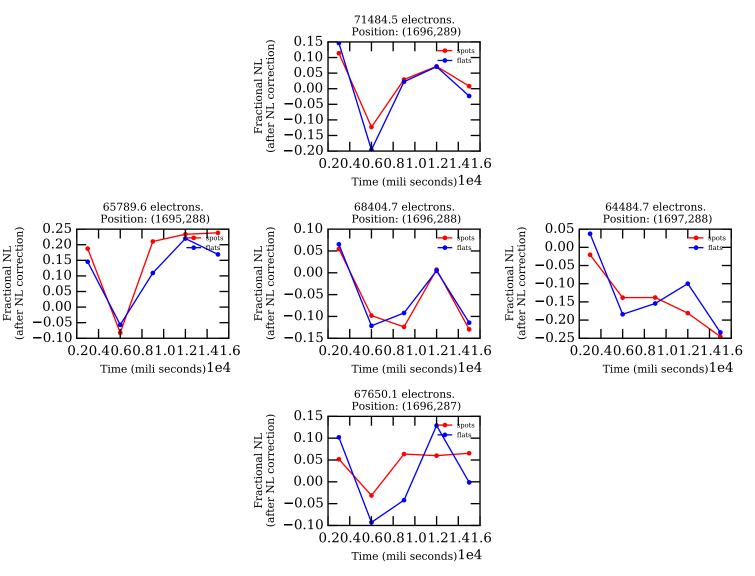
Fractional NL

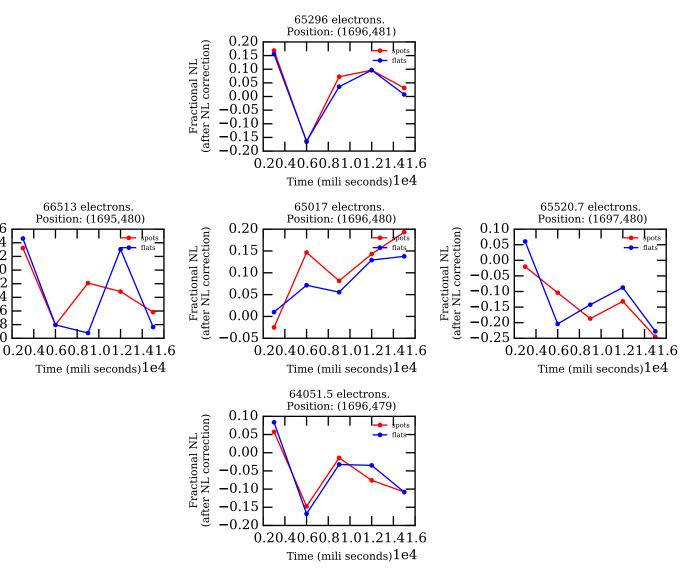
64320.8 electrons.





1e4





0.04

0.02

0.00

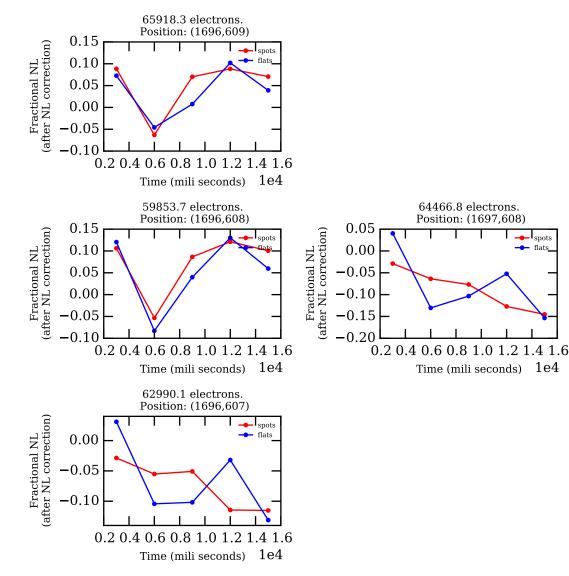
-0.02

-0.04

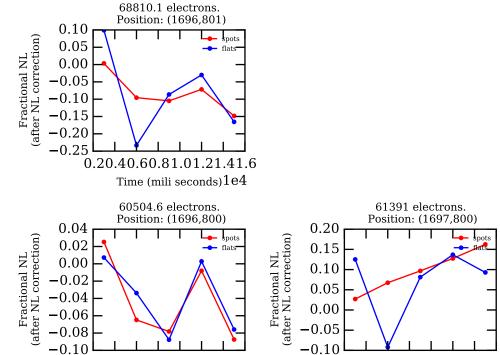
-0.06

-0.08

(after NL correction)

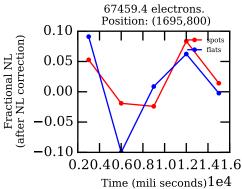


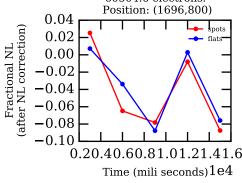
1e4

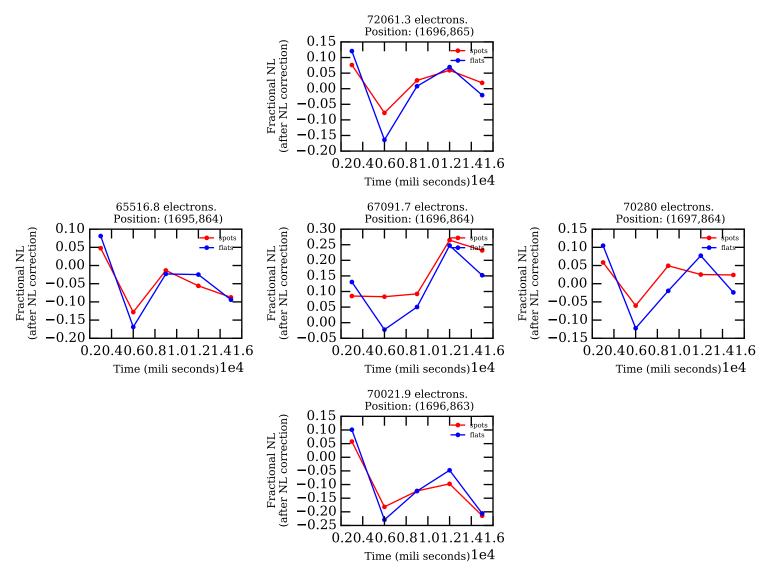


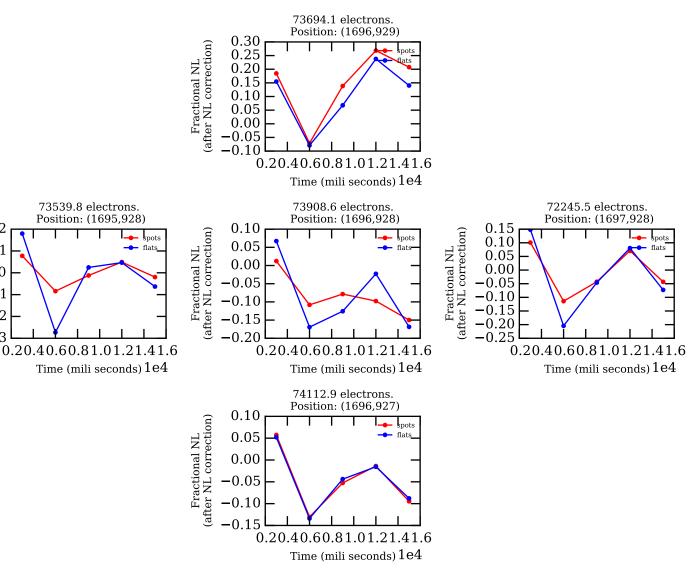
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4









0.1

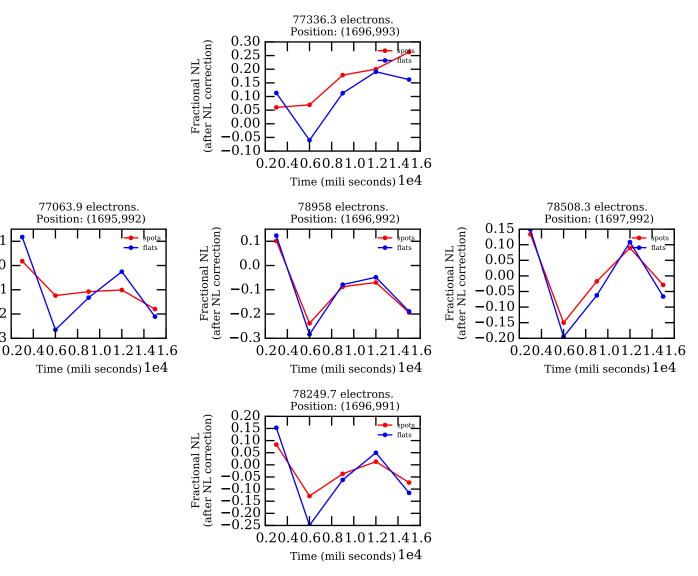
0.0

-0.1

-0.2

-0.3

(after NL correction)



(after NL correction)

Fractional NL

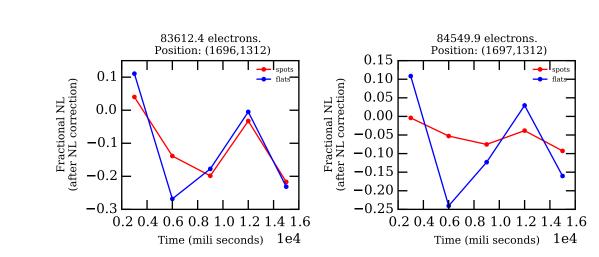
0.1

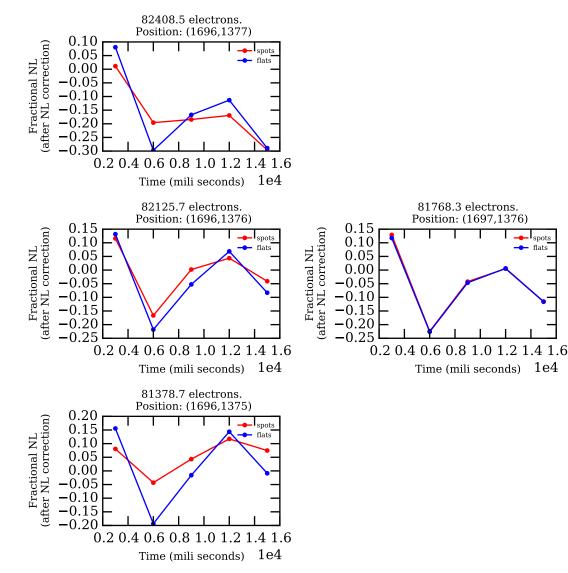
0.0

-0.1

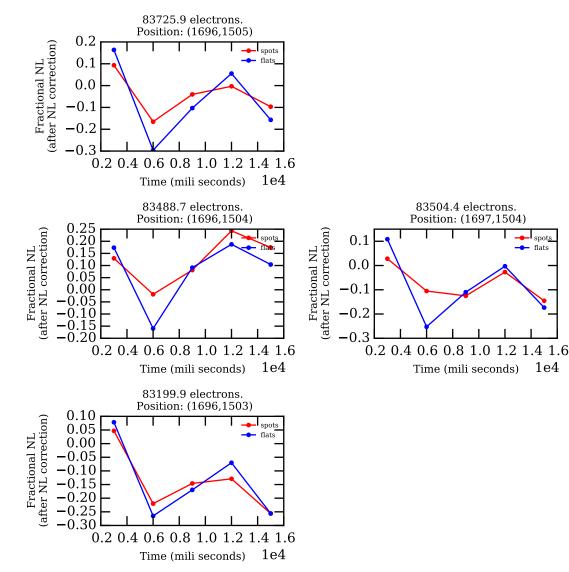
-0.2

-0.3



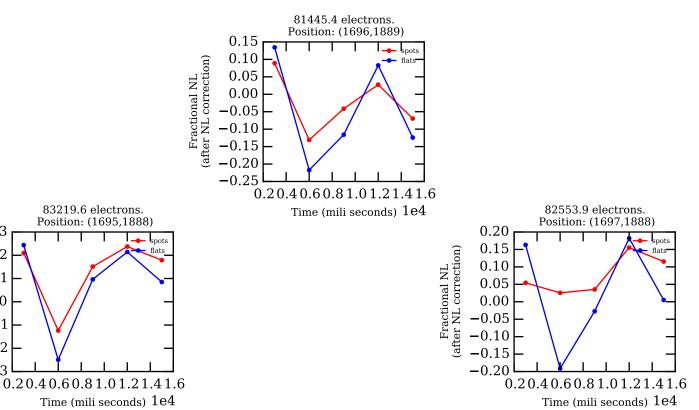


1e4



flats

1e4



0.2

0.1

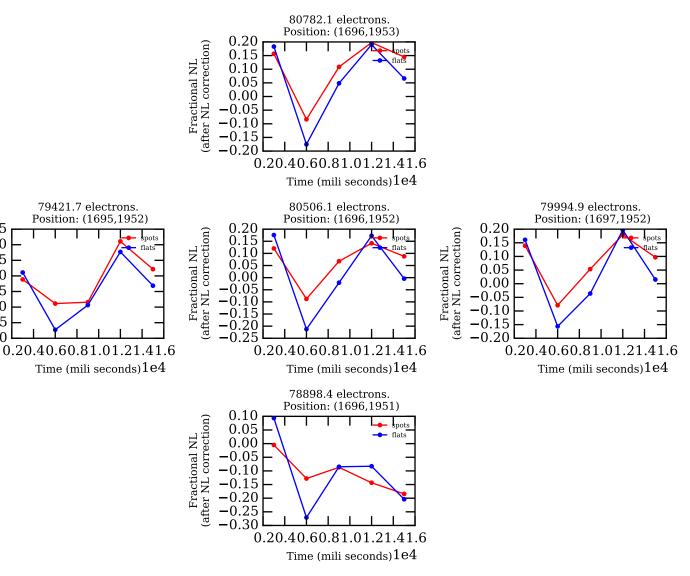
0.0

-0.1

-0.2

-0.3

Fractional NL (after NL correction)



0.20

0.15

0.10

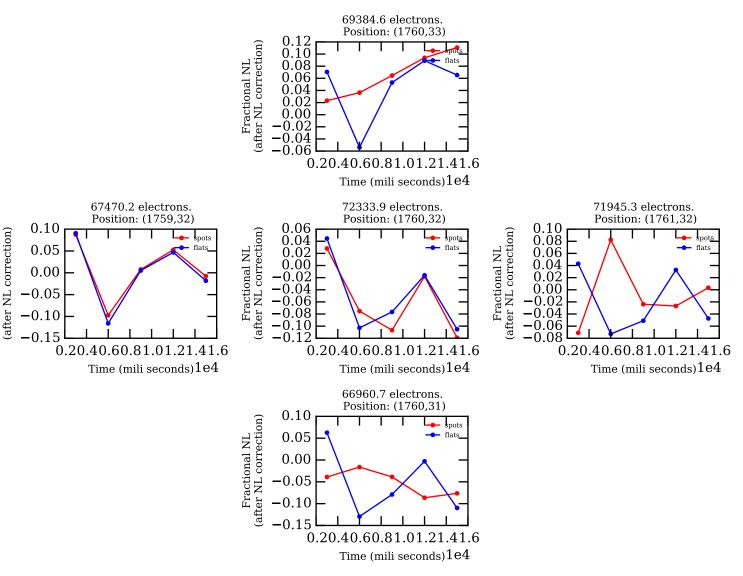
0.05

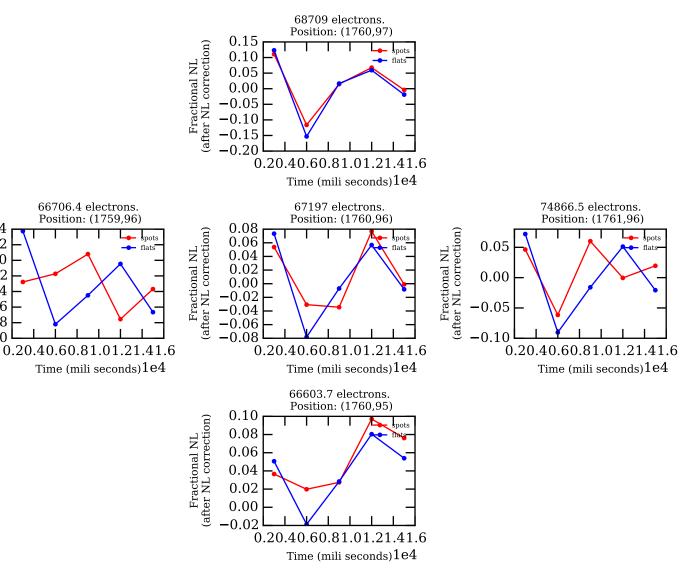
0.00

-0.05

-0.10

(after NL correction)





0.02

0.00

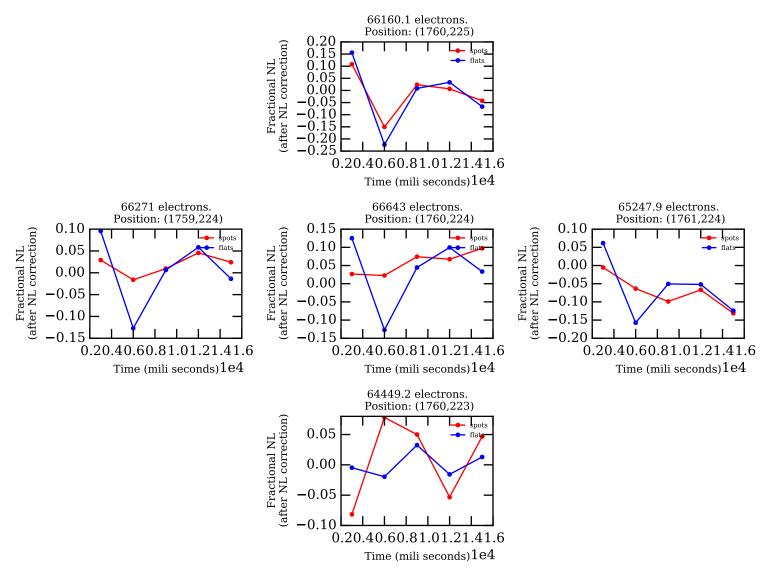
-0.02

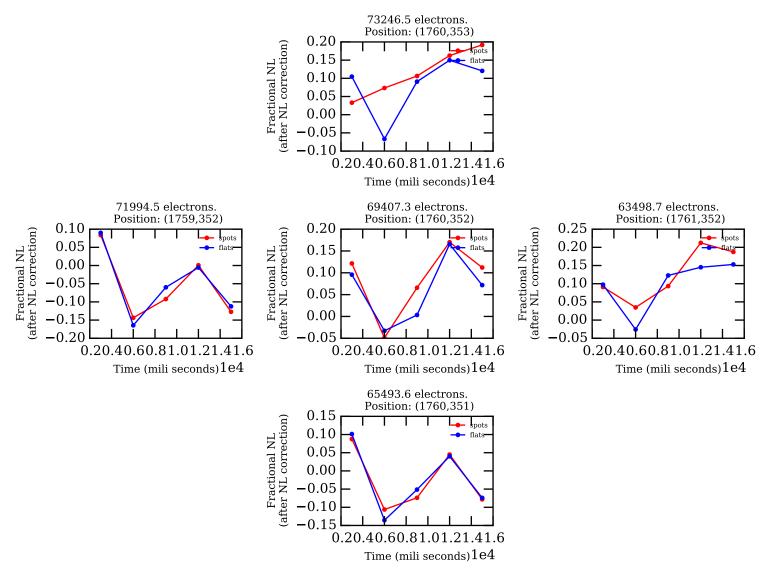
-0.04 -0.06

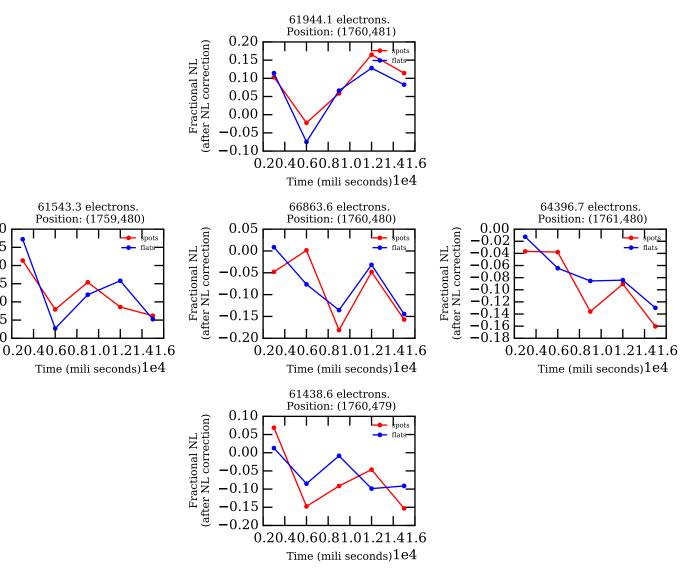
-0.08

-0.10

(after NL correction)







0.05

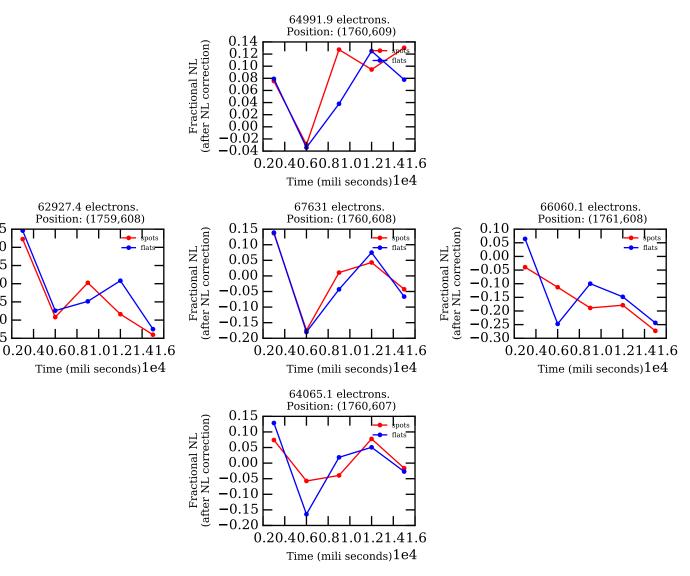
0.00

-0.05

-0.10

-0.15 -0.20

(after NL correction)



0.00

-0.05

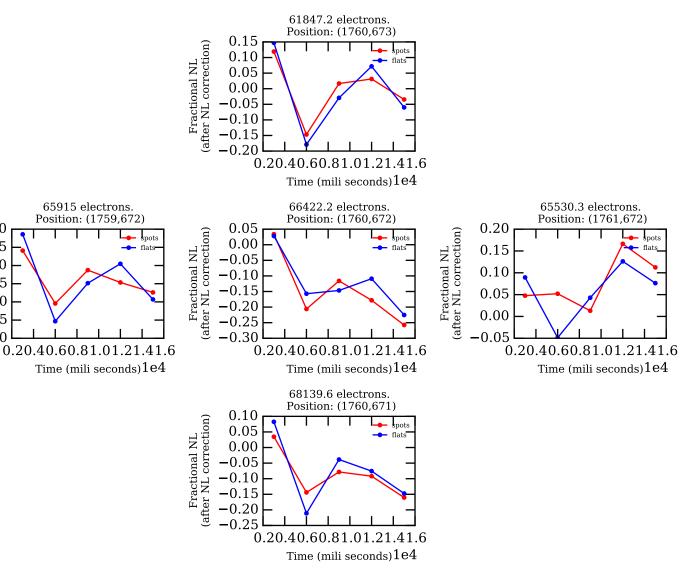
-0.10

-0.15

-0.20

-0.25

(after NL correction)



0.05

0.00

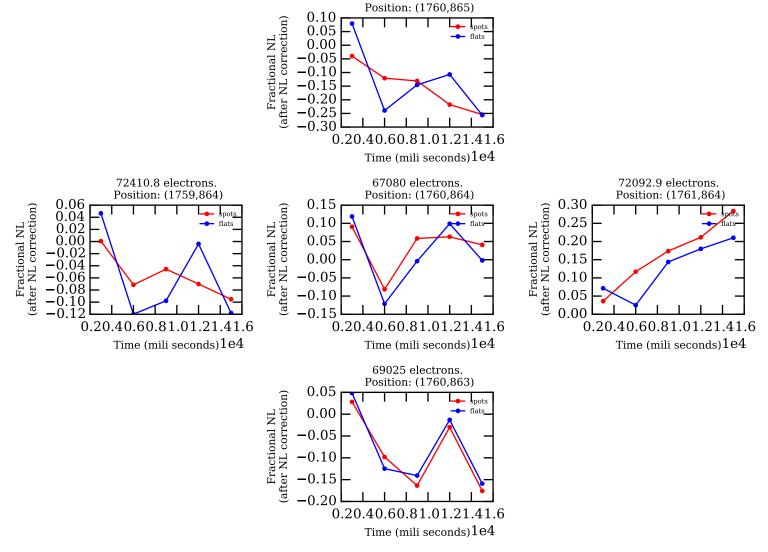
-0.05

-0.10

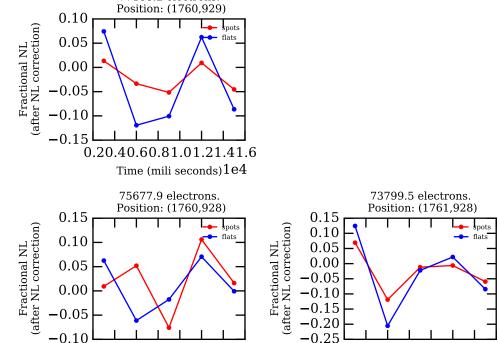
-0.15

-0.20

(after NL correction)

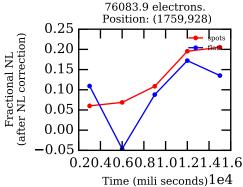


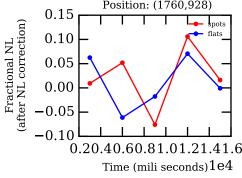
67970.7 electrons.



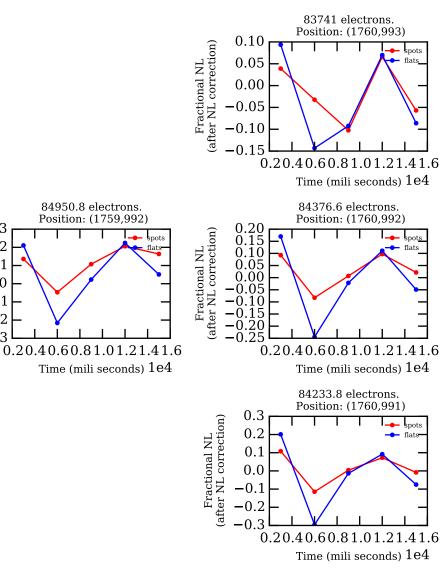
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4





77188.2 electrons.



84950.8 electrons.

0.3

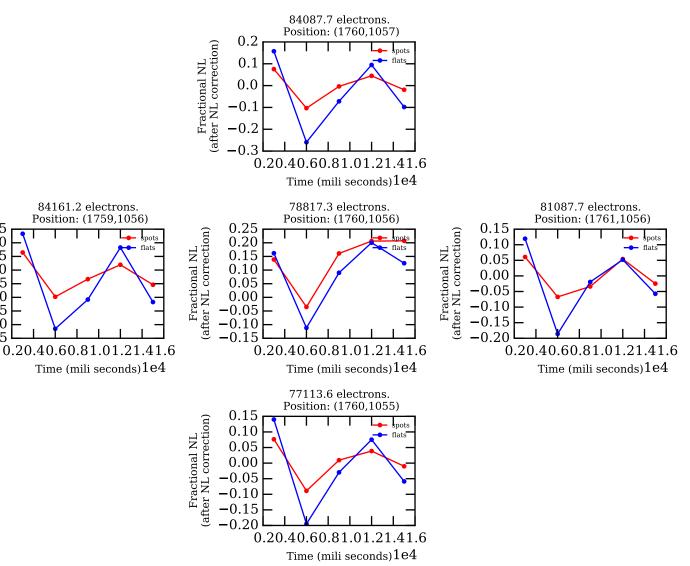
0.2

0.1 0.0 -0.1-0.2-0.3

(after NL correction)

Fractional NL

Position: (1759,992)



84161.2 electrons.

0.15

0.10

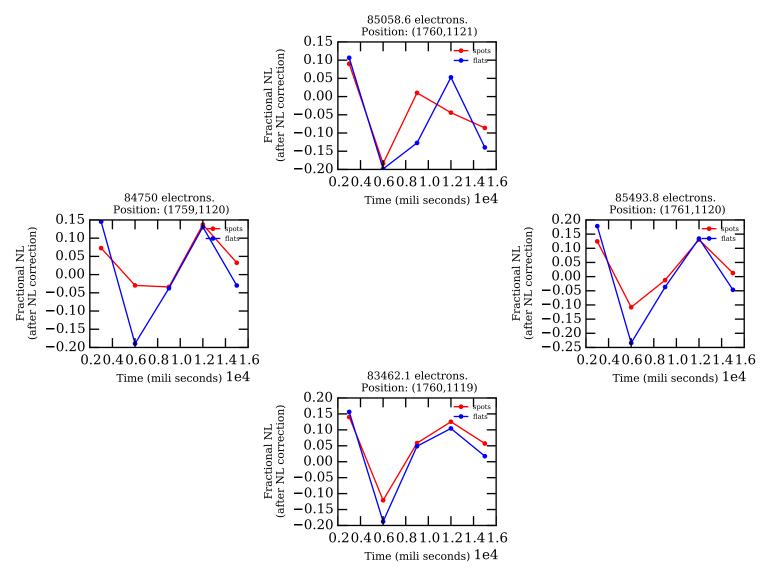
0.05

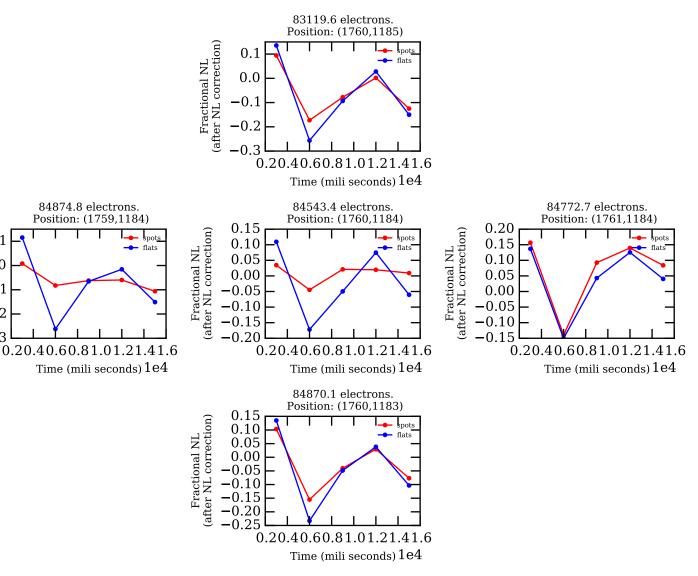
0.00

-0.05

-0.25

(after NL correction)





84874.8 electrons.

(after NL correction)

Fractional NL

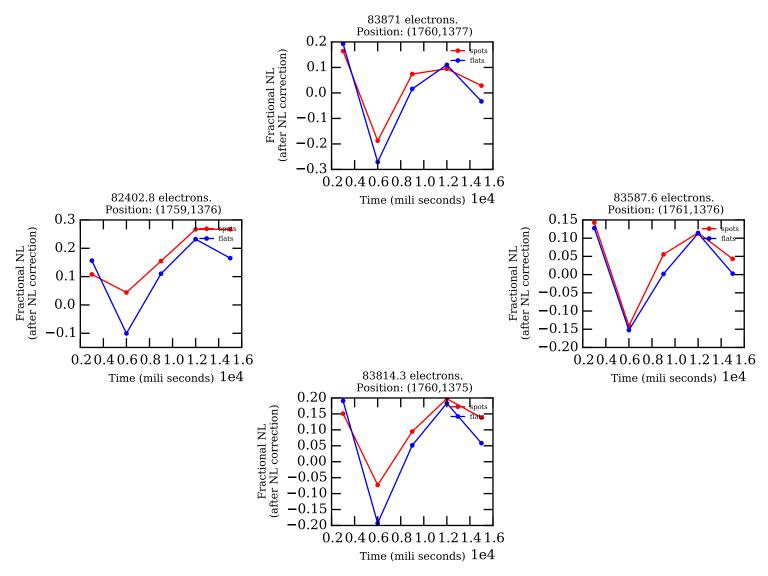
0.1

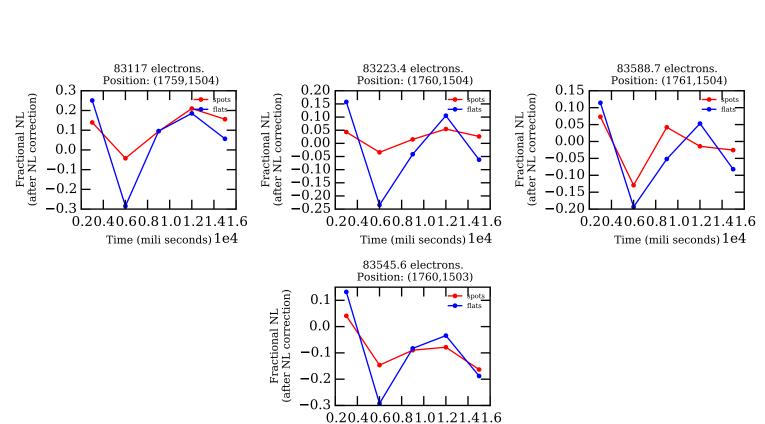
0.0

-0.1

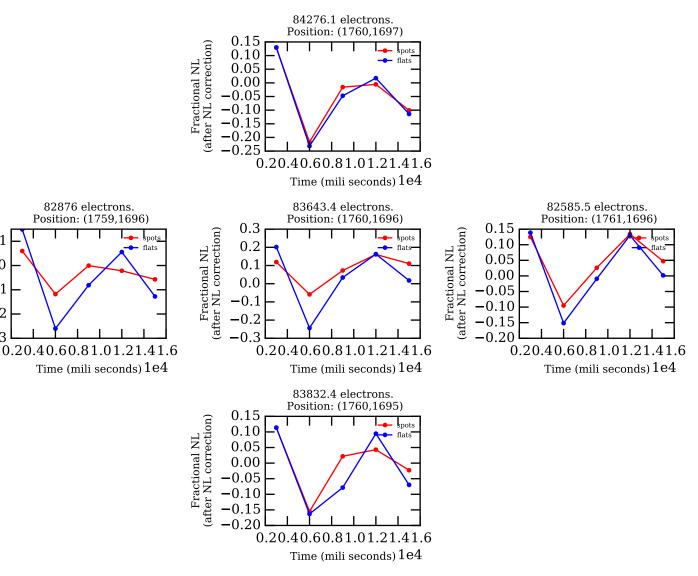
-0.2

-0.3





Time (mili seconds) 1e4



82876 electrons.

(after NL correction)

Fractional NL

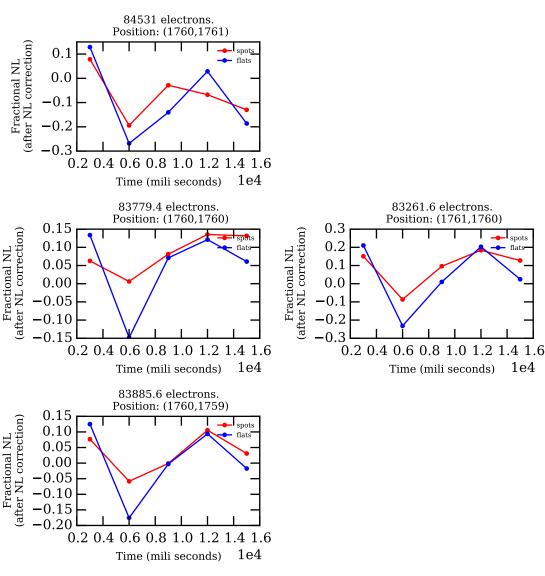
0.1

0.0

-0.1

-0.2

-0.3

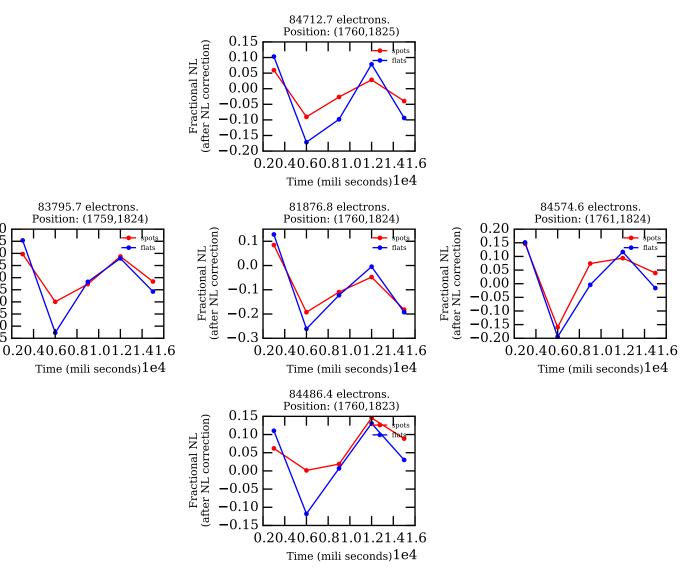


83261.6 electrons.

Time (mili seconds)

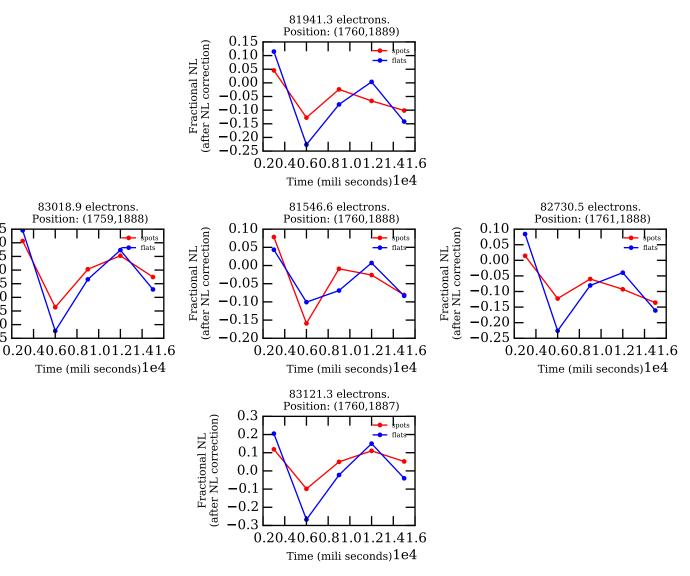
Position: (1761,1760)

1e4



 $0.20 \\ 0.15$ 

(after NL correction)



0.10

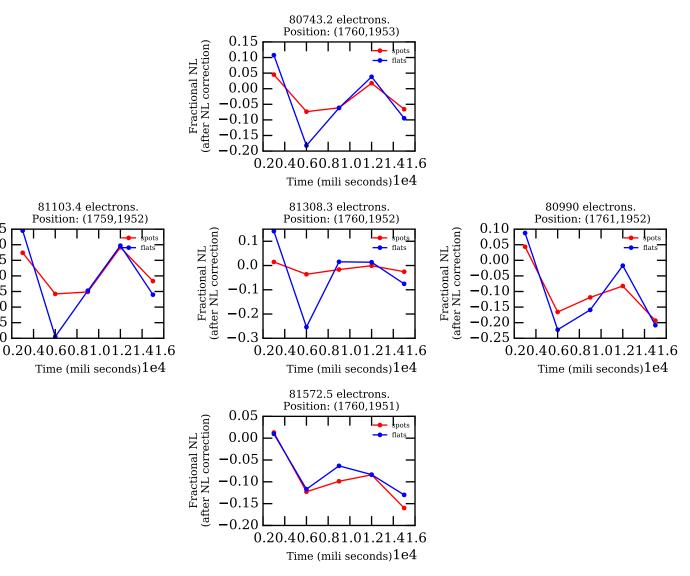
0.05

0.00

-0.05

-0.25

(after NL correction)



0.10

0.05

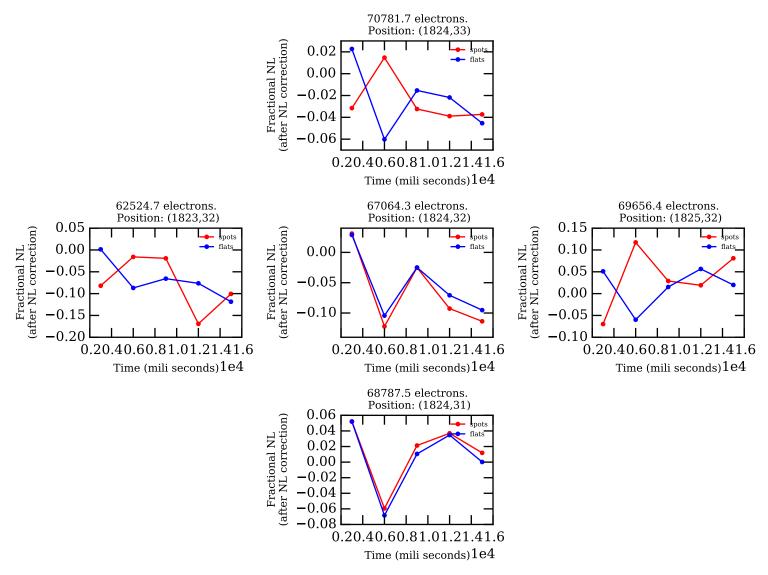
0.00

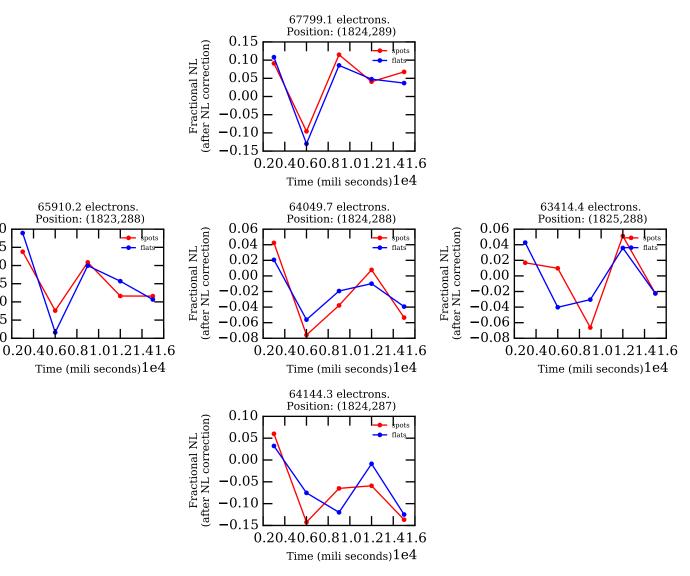
-0.05

-0.10

-0.15 -0.20

(after NL correction)





0.05

0.00

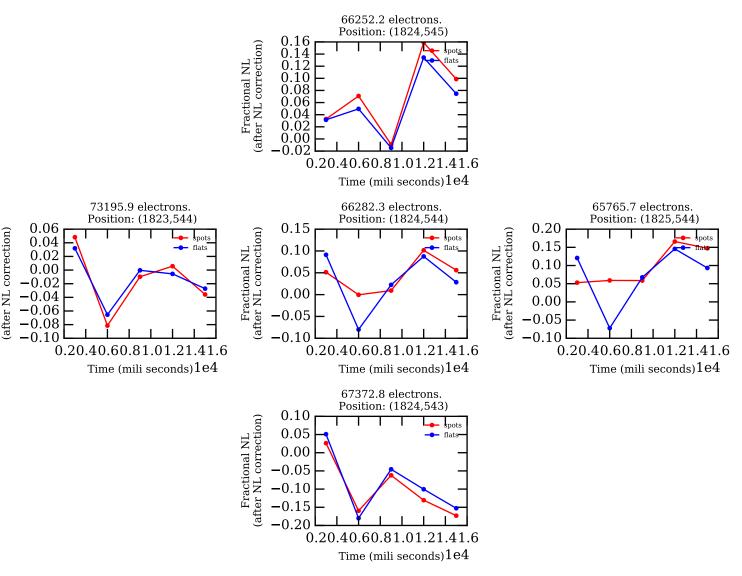
-0.05

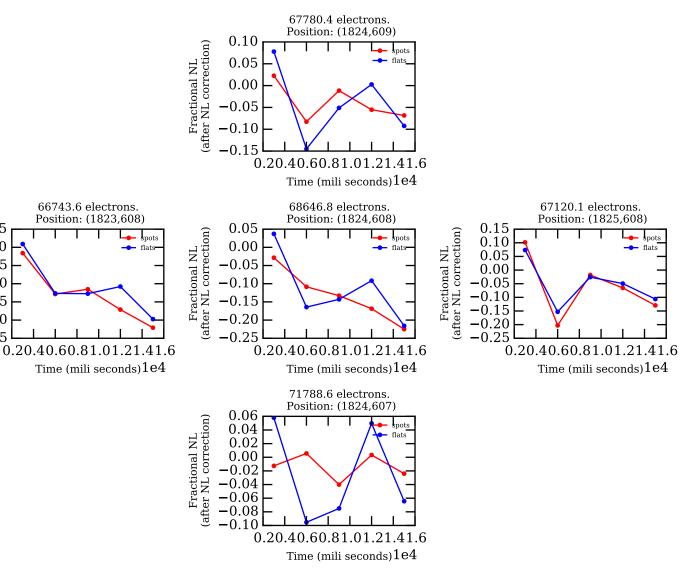
-0.10

-0.15

-0.20

(after NL correction)





0.00

-0.05

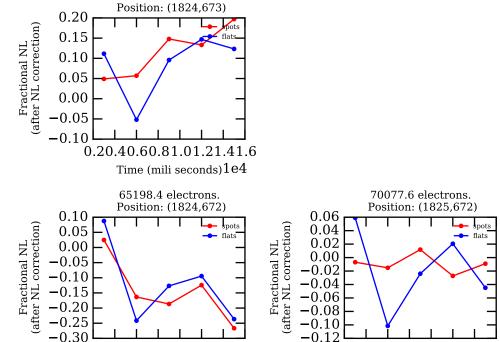
-0.10

-0.15

-0.20

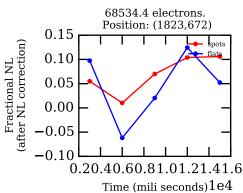
-0.25

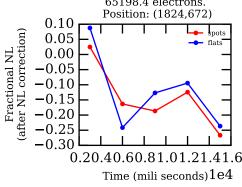
(after NL correction)



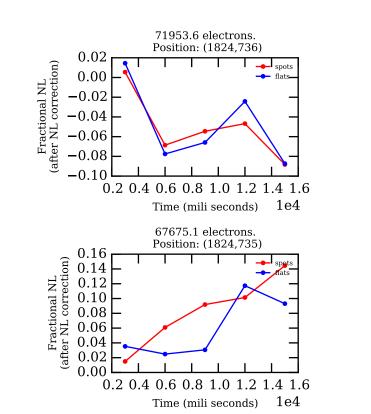
0.20.40.60.81.01.21.41.6

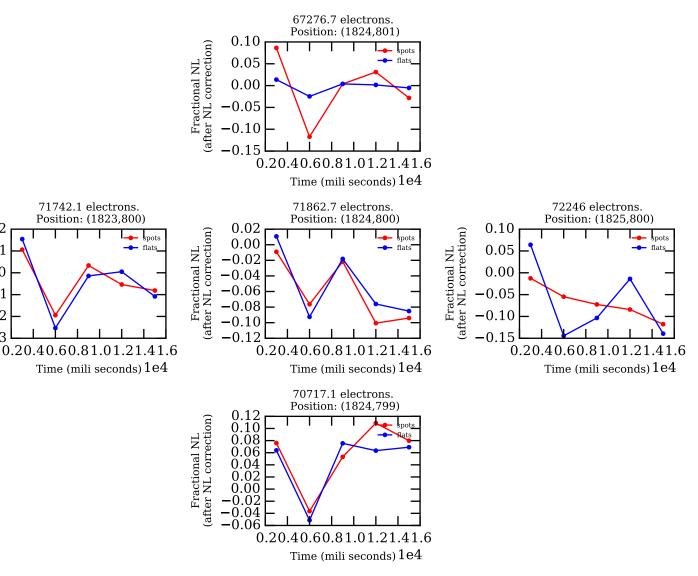
Time (mili seconds) 1e4





72263.6 electrons.





0.1

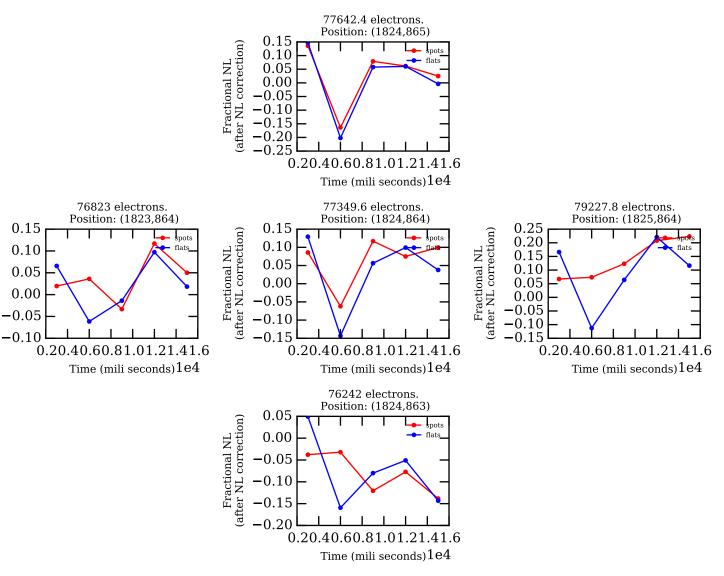
0.0

-0.1

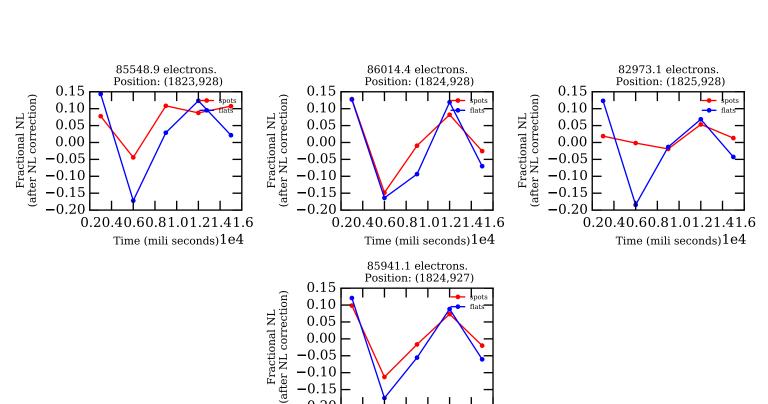
-0.2

-0.3

(after NL correction)

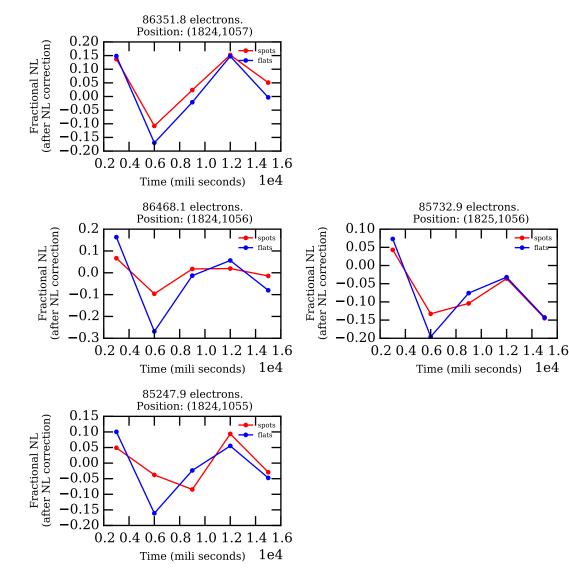


(after NL correction)

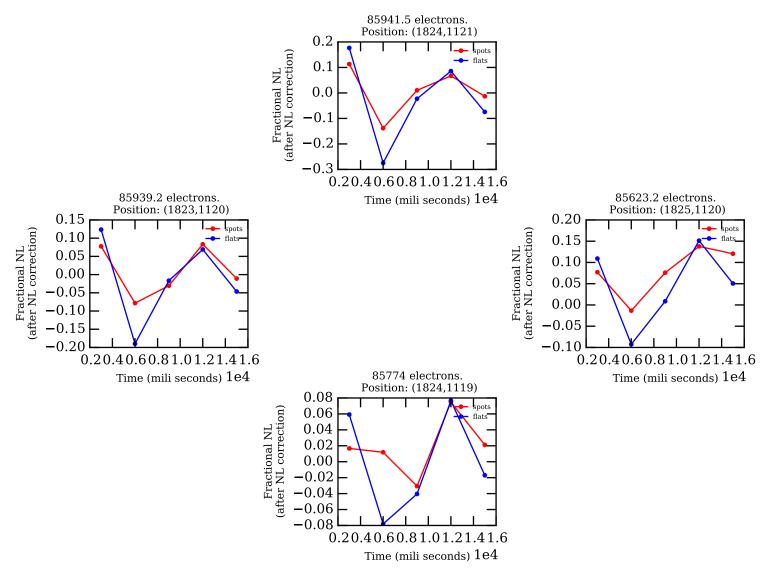


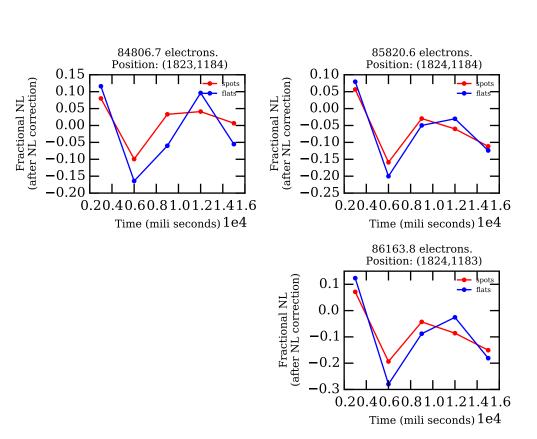
0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

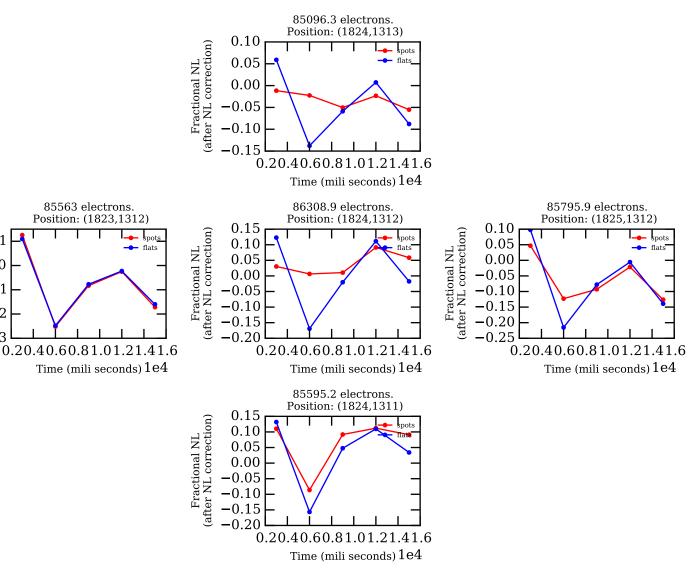
-0.15-0.20



1e4







85563 electrons.

(after NL correction)

Fractional NL

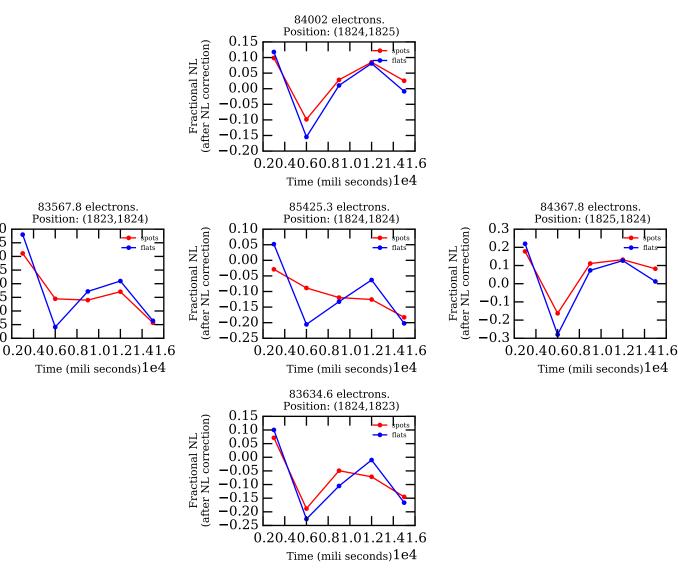
0.1

0.0

-0.1

-0.2

-0.3



84367.8 electrons.

Time (mili seconds) 1e4

flats

83567.8 electrons.

0.10

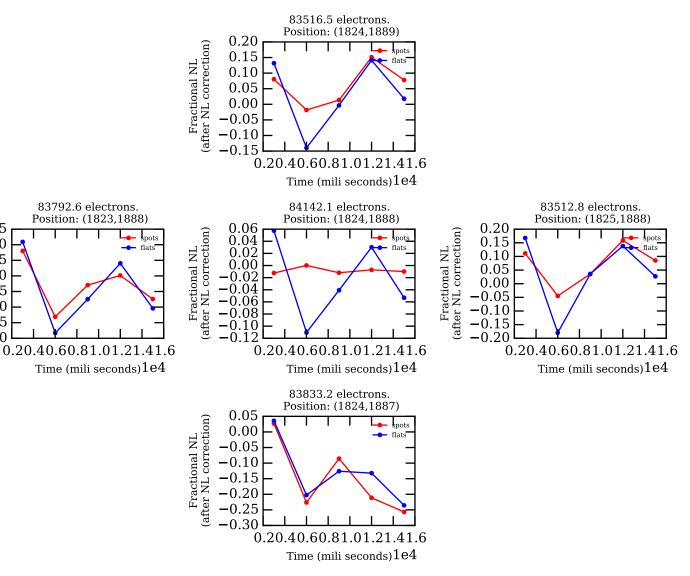
0.05

0.00

-0.05

-0.25 -0.30

(after NL correction)



0.10

0.05

0.00

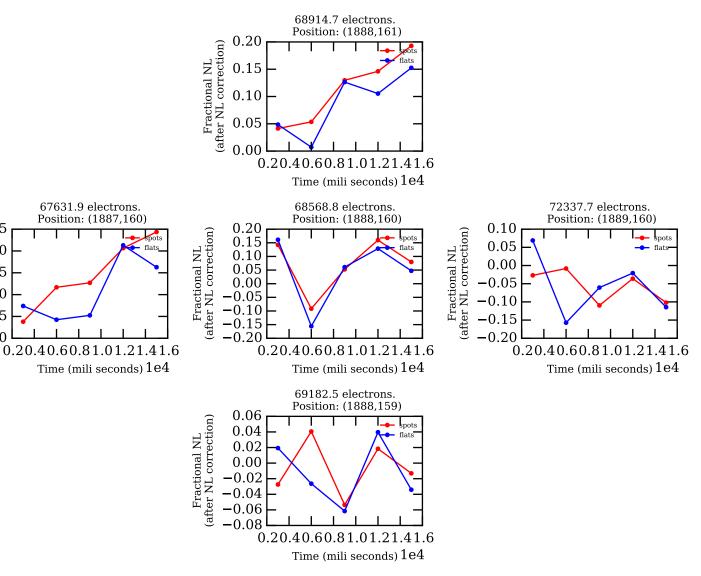
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.20

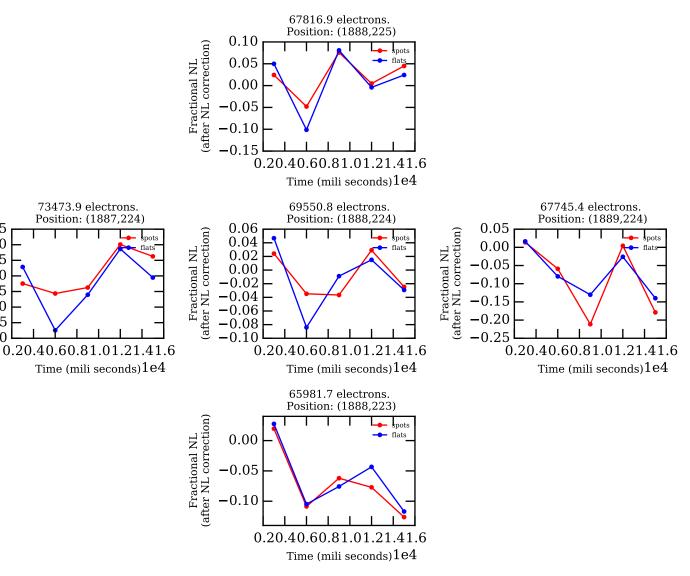
0.15

0.10

0.05

0.00

(after NL correction)



73473.9 electrons.

0.25

0.20

0.15

0.10

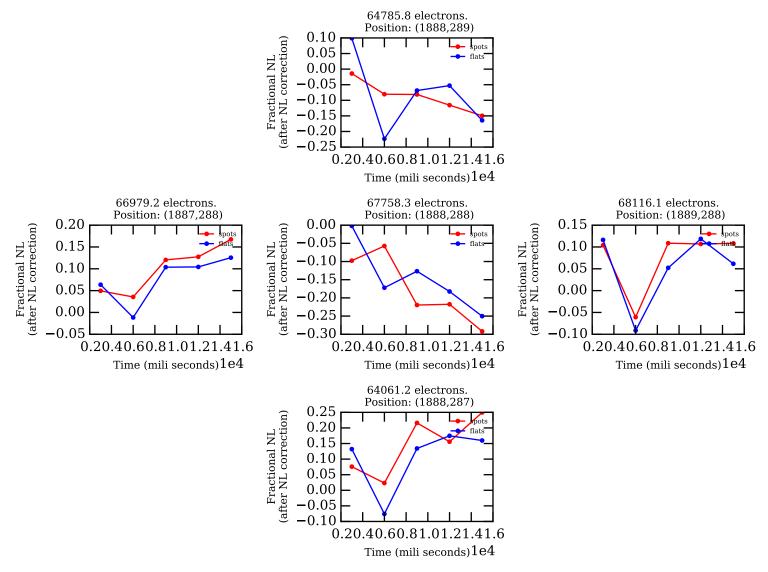
0.05

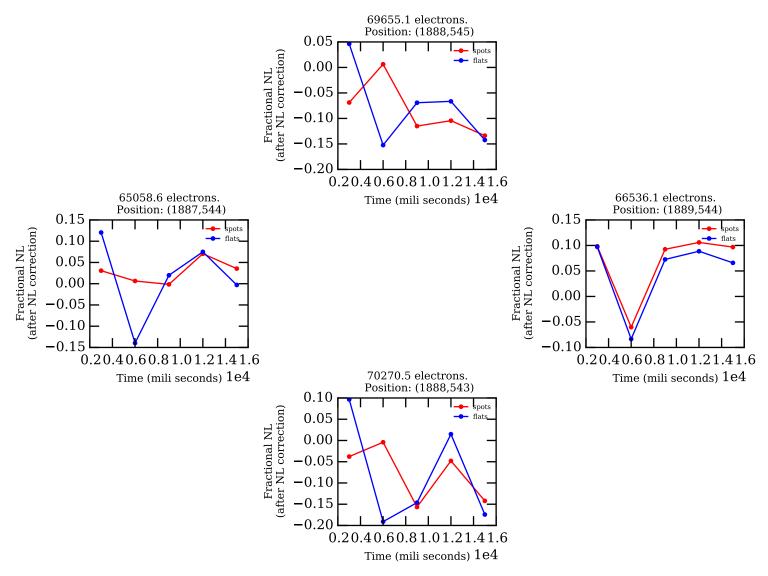
0.00

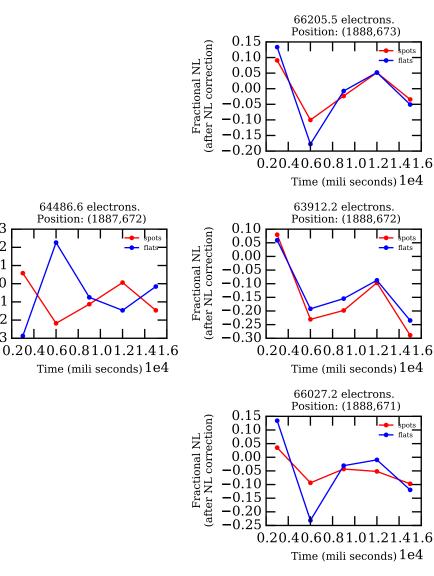
-0.05

-0.10

(after NL correction)







64486.6 electrons.

Position: (1887,672)

0.03

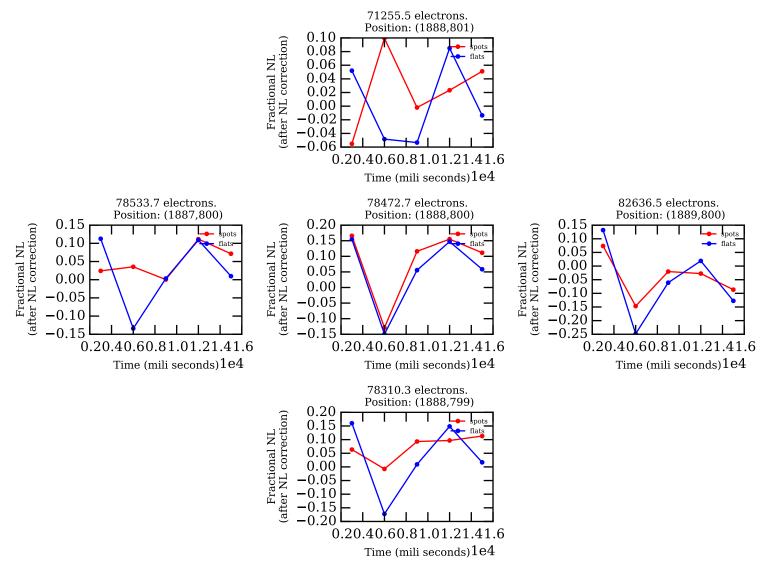
0.02

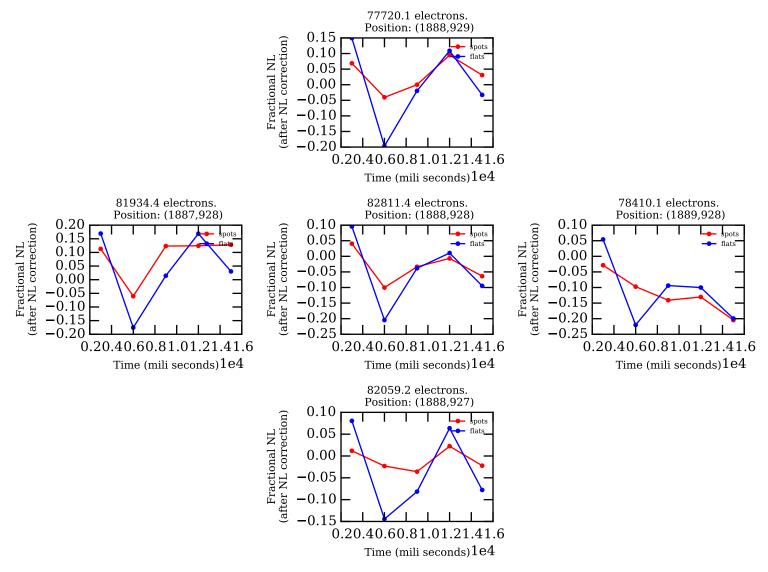
0.01

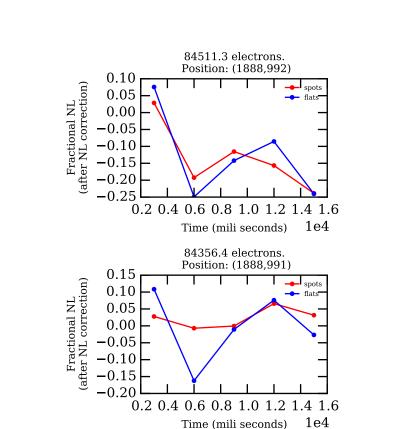
0.00 -0.01-0.02

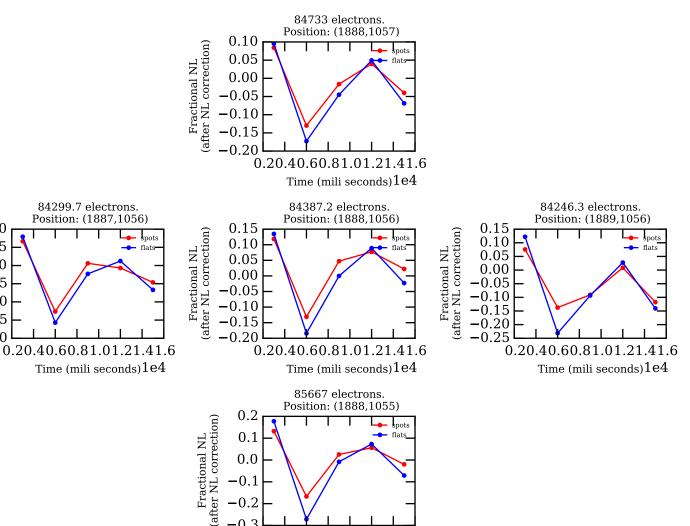
-0.03

(after NL correction)









84299.7 electrons.

-0.3

0.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

0.10

0.05

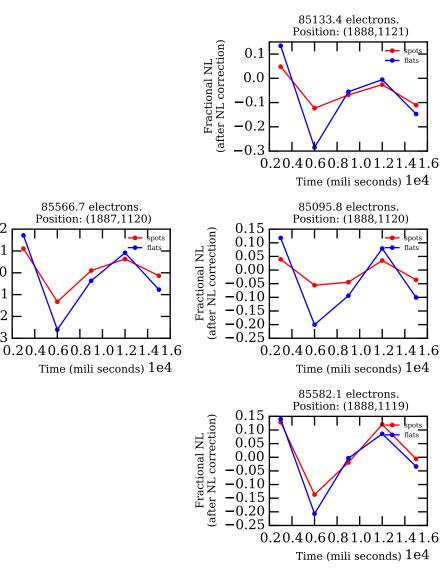
0.00

-0.05

-0.10-0.15

-0.20

(after NL correction)



85566.7 electrons.

Position: (1887,1120)

flats\_

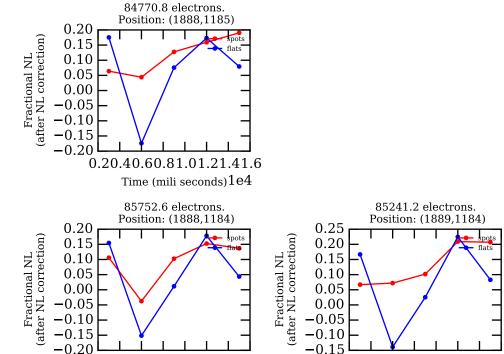
0.2

0.1

0.0 -0.1-0.2

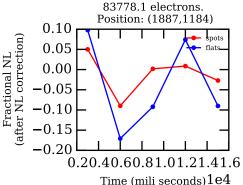
-0.3

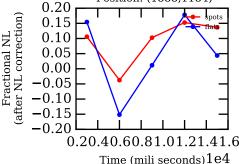
(after NL correction)

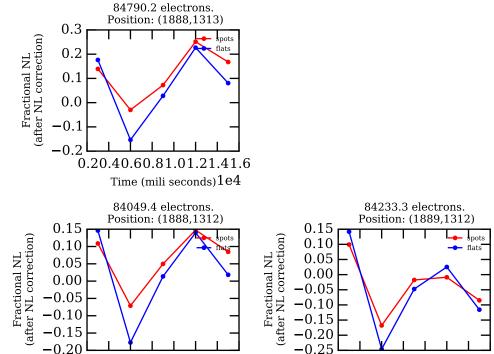


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

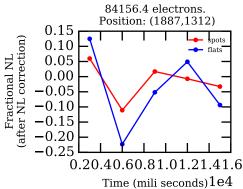


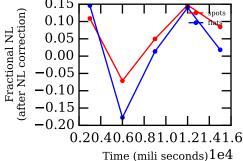


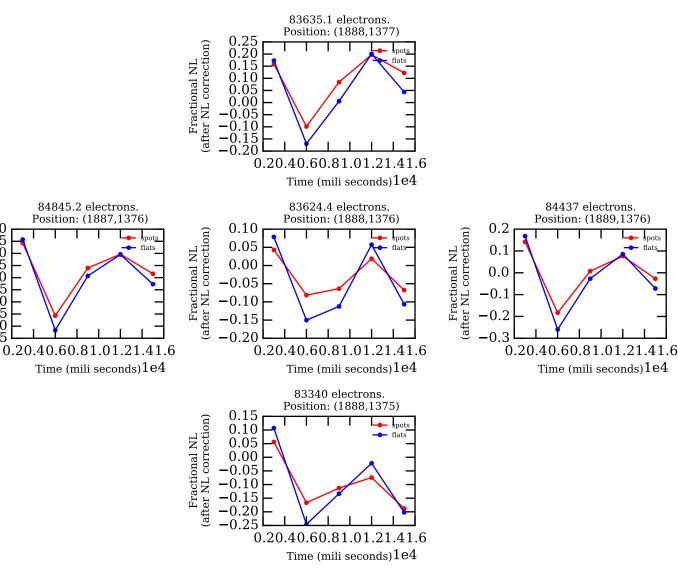


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4



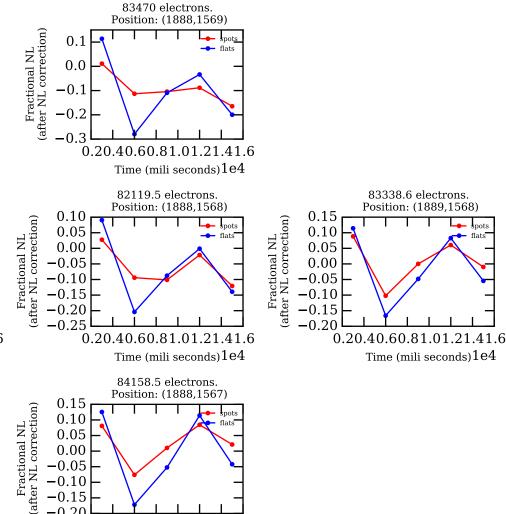




flats\_

 $0.20 \\ 0.15$ 

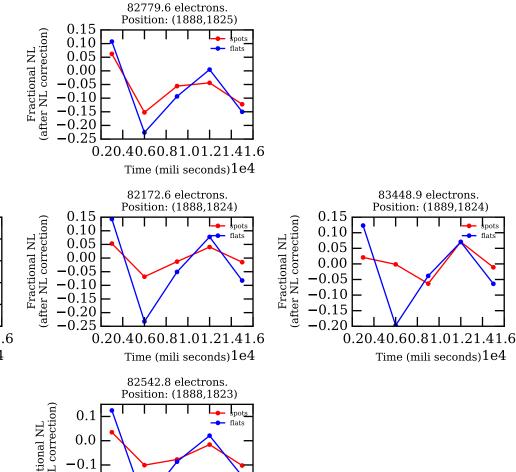
(after NL correction)



83579.4 electrons. Position: (1887,1568) 0.10 (after NL correction) 0.05 flats Fractional NL 0.00 -0.05-0.10-0.15-0.200.20.40.60.81.01.21.41.6Time (mili seconds) 1e4

-0.20

0.20.40.60.81.01.21.41.6 Time (mili seconds) 1e4



83954.9 electrons. Position: (1887,1824)

flats

0.05

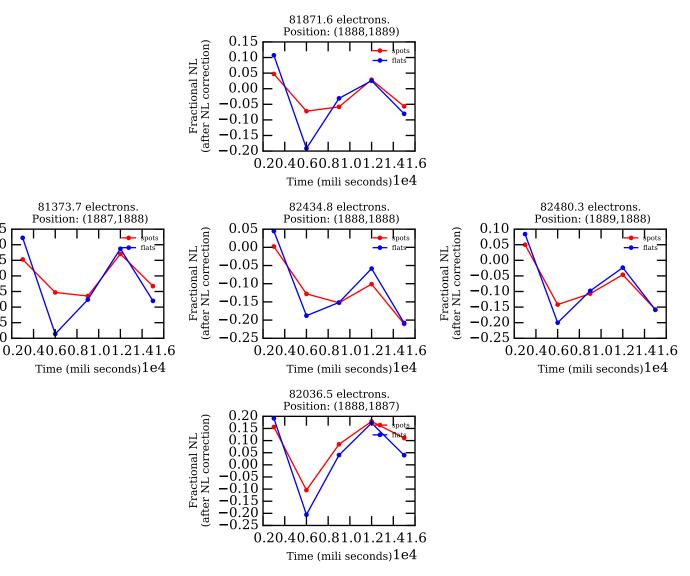
0.00

-0.05

-0.10

-0.15

(after NL correction)



0.10

0.05

0.00

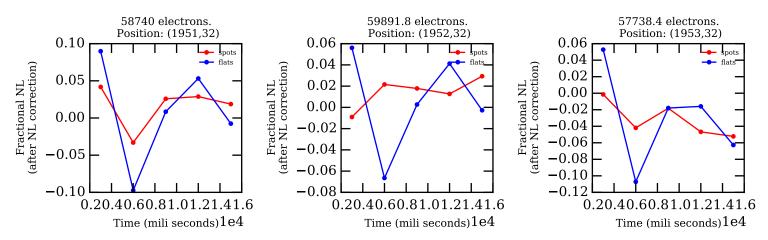
-0.05

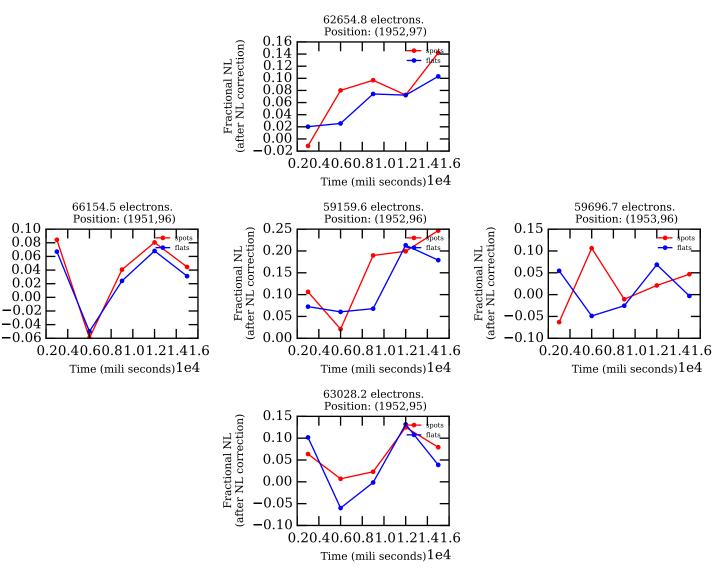
-0.10

-0.15

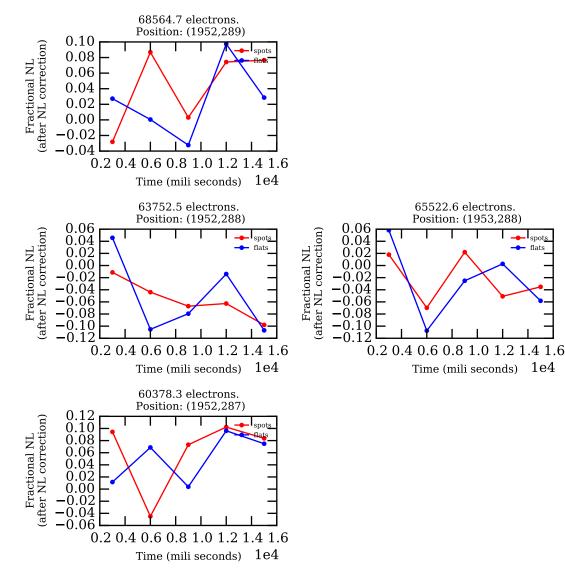
-0.20

(after NL correction)



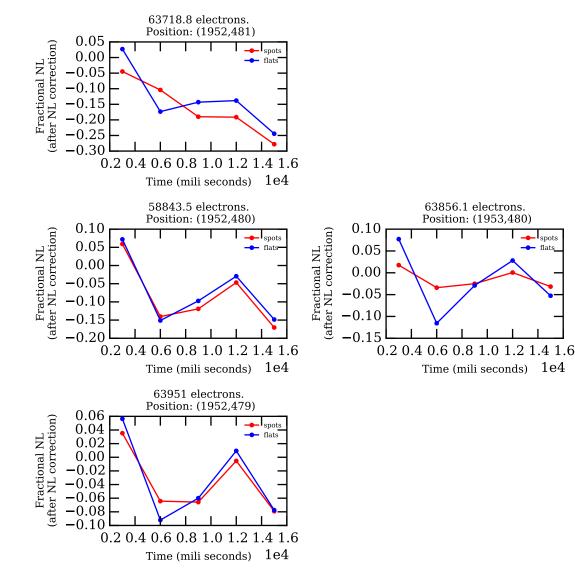


(after NL correction)



flats

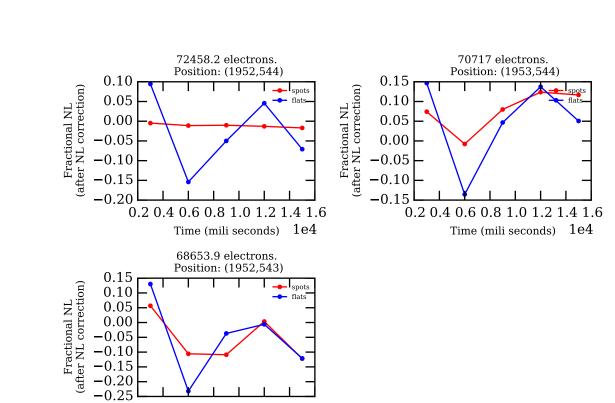
1e4



-I<sub>spots</sub>

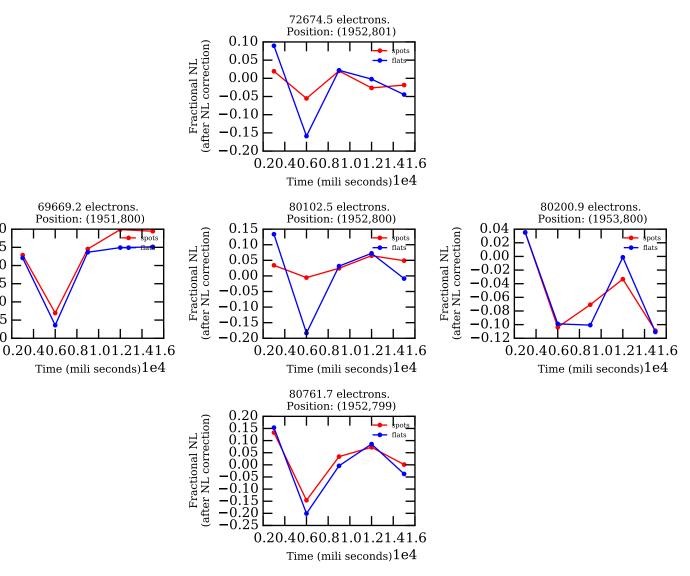
flats

1e4



1e4

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



0.15

0.10

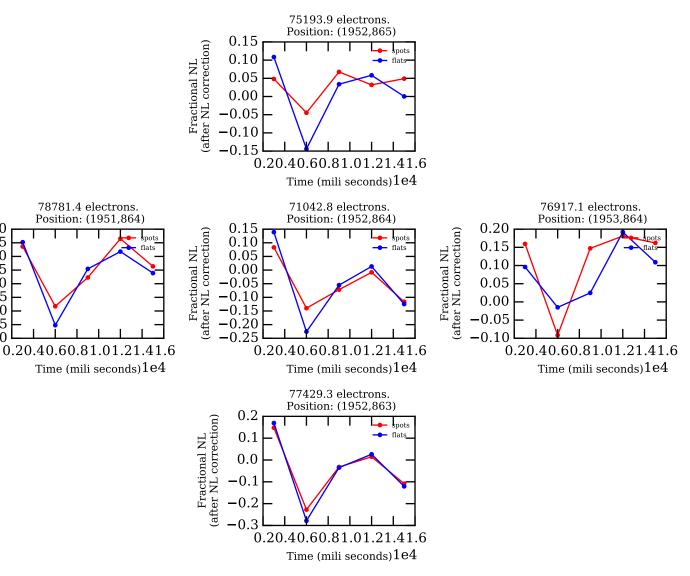
0.05

0.00

-0.05

-0.10

(after NL correction)



0.15

0.10

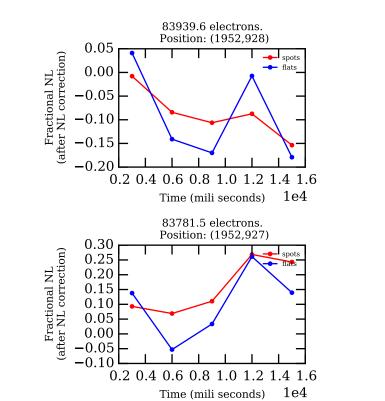
0.05

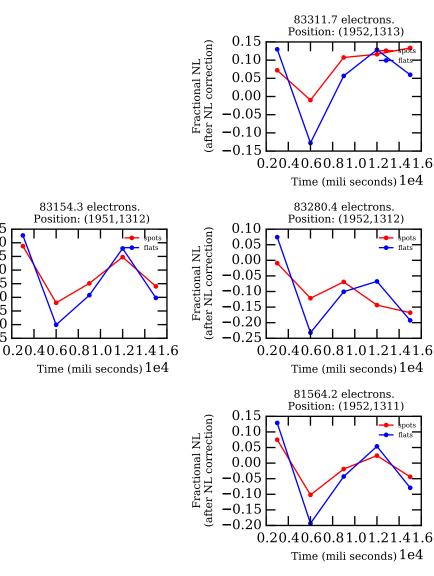
0.00

-0.05

-0.15 -0.20

(after NL correction)





83154.3 electrons.

Position: (1951,1312)

0.15

0.10

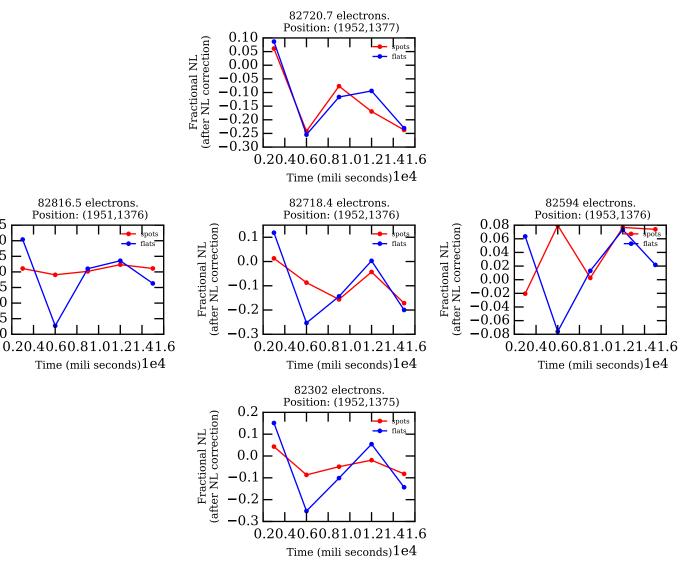
0.05

0.00

-0.05

-0.20 -0.25

(after NL correction)



82816.5 electrons.

0.15

0.10

0.05

0.00

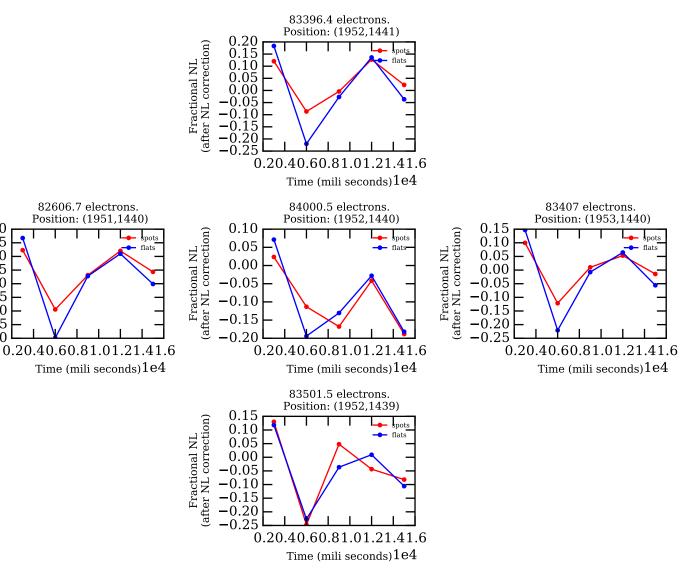
-0.05

-0.10

-0.15

-0.20

(after NL correction)



0.15

0.10

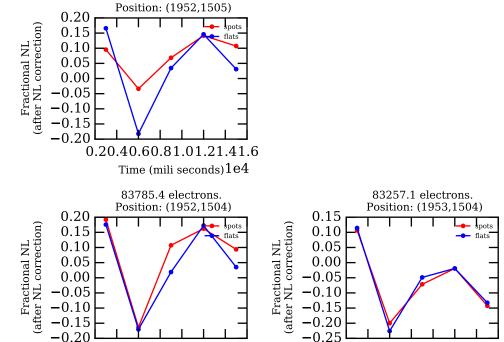
0.05

0.00

-0.05

-0.15 -0.20

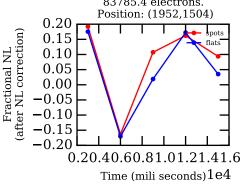
(after NL correction)



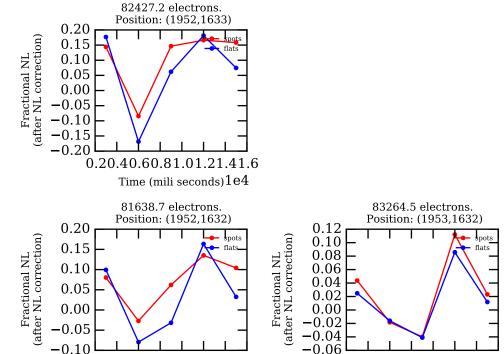
0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

82130.4 electrons. Position: (1951,1504) 0.10 (after NL correction) 0.05 Fractional NL 0.00 -0.05-0.10-0.15-0.20-0.250.20.40.60.81.01.21.41.6Time (mili seconds) 1e4



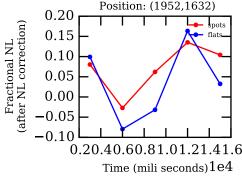
83898.7 electrons.

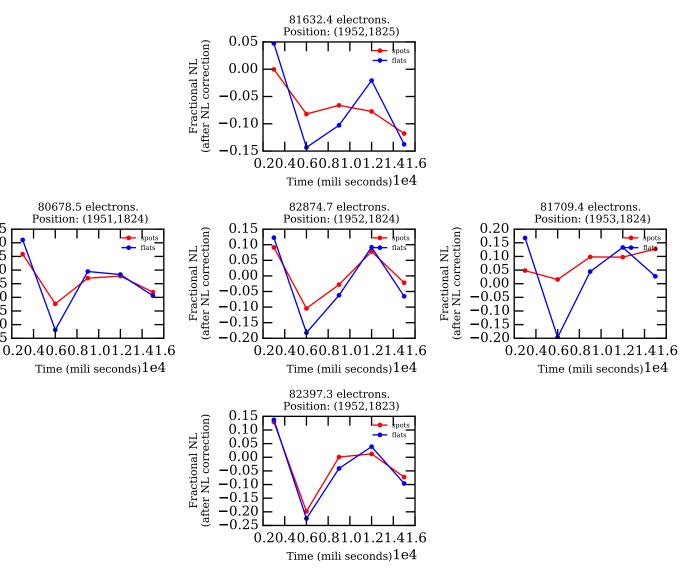


0.20.40.60.81.01.21.41.6

Time (mili seconds) 1e4

80866.6 electrons. Position: (1951,1632) 0.15 (after NL correction) 0.10 Fractional NL 0.05 0.00 -0.05-0.10-0.15-0.20-0.250.20.40.60.81.01.21.41.6Time (mili seconds) 1e4





0.10

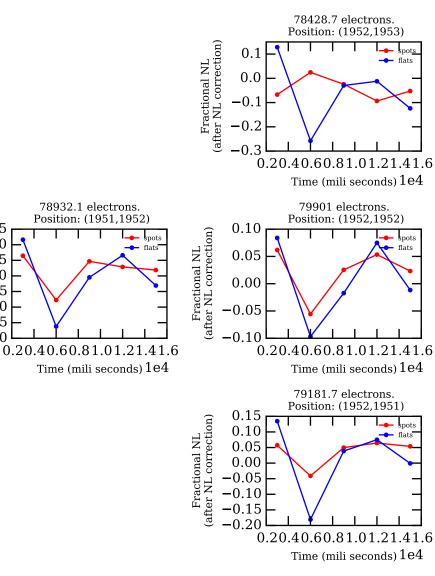
0.05

0.00

-0.05

-0.25

(after NL correction)



78932.1 electrons.

Position: (1951,1952)

flats

0.15

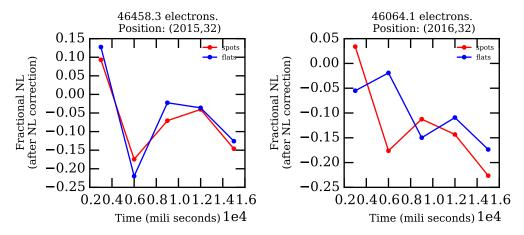
0.10

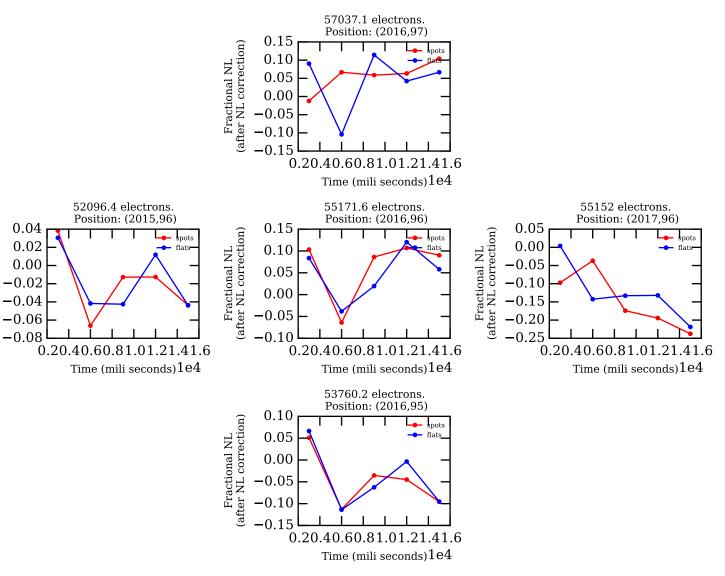
0.05 0.00

-0.05-0.10

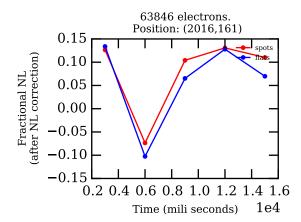
-0.15-0.20

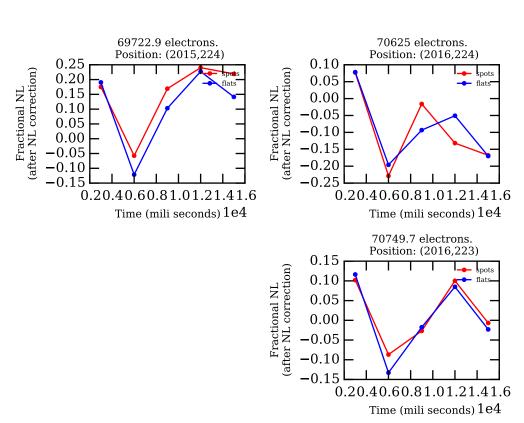
(after NL correction)

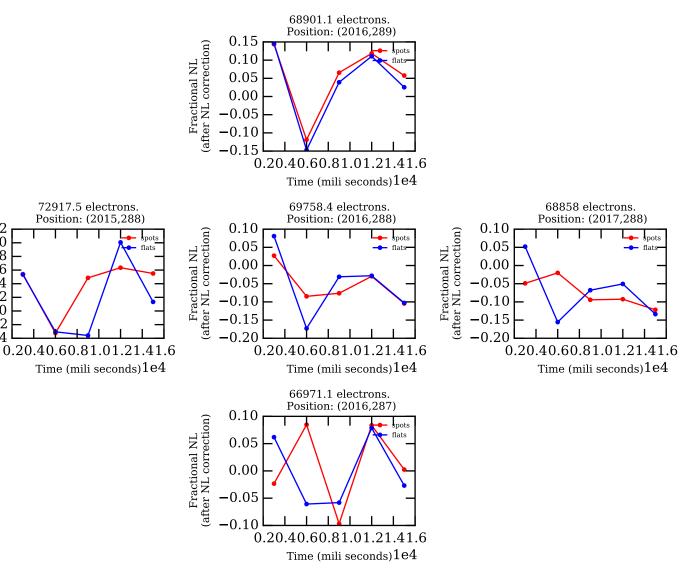




(after NL correction)







0.10

80.0

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

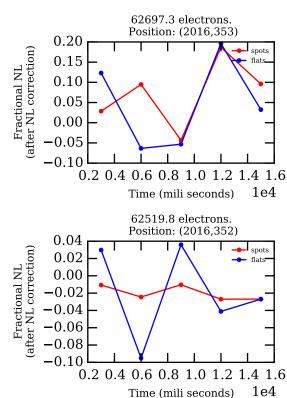
0.02

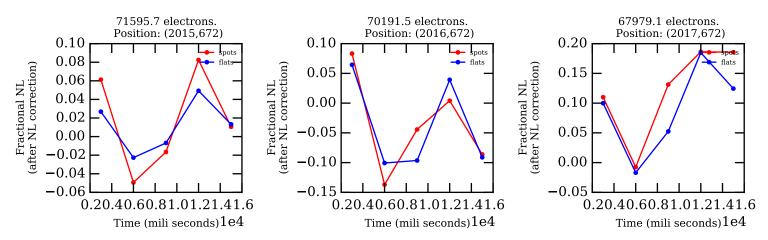
0.00

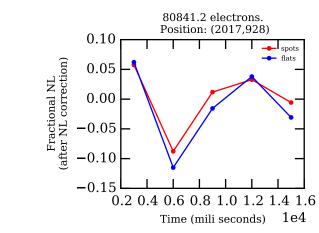
-0.02

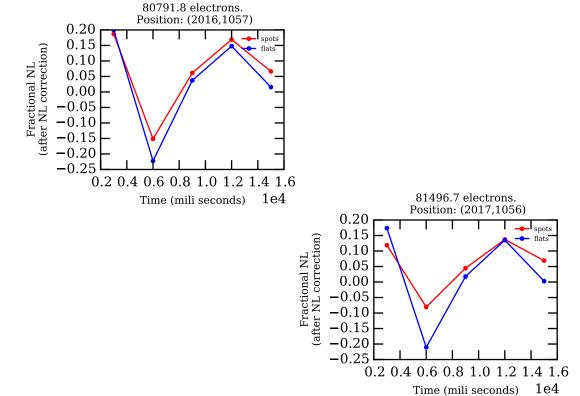
-0.04

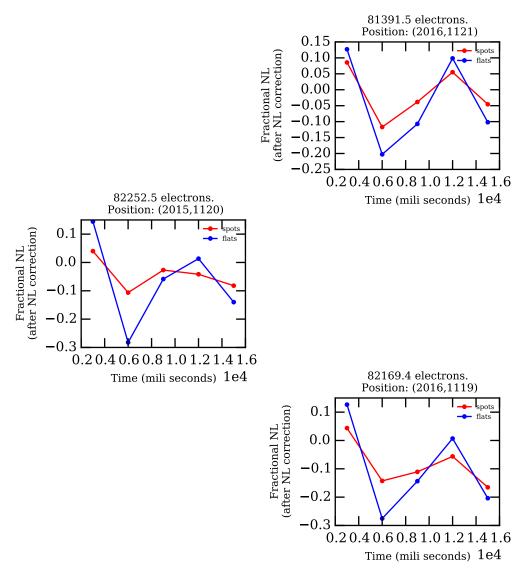
(after NL correction)

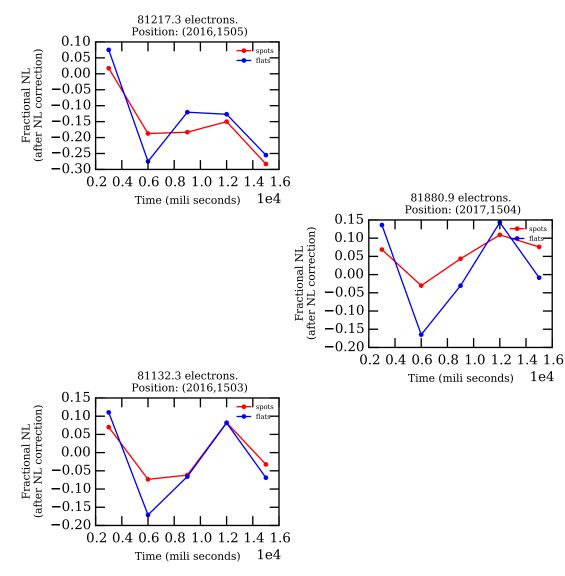












flats

1e4

