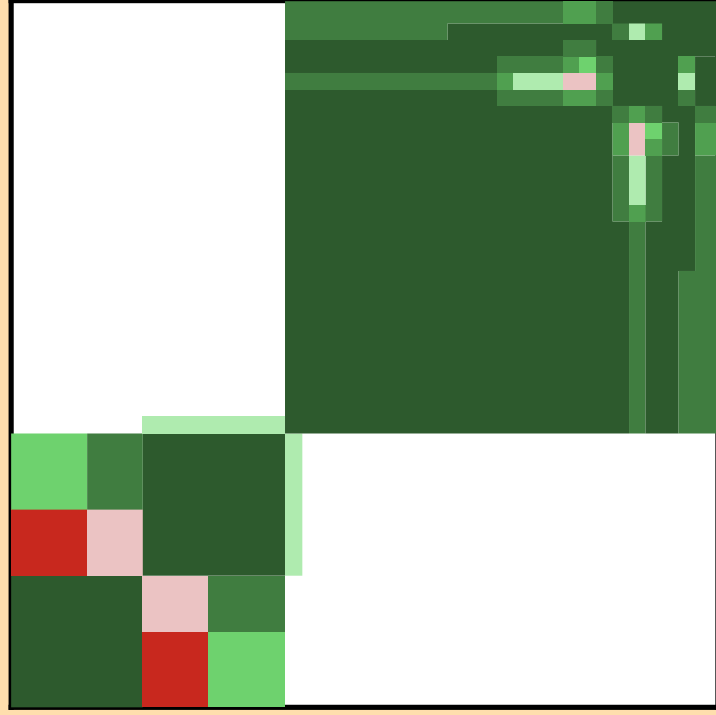
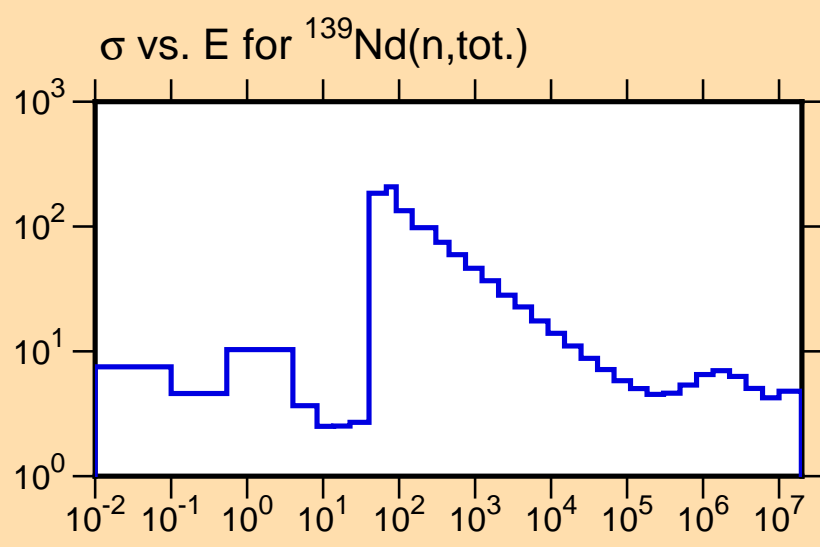


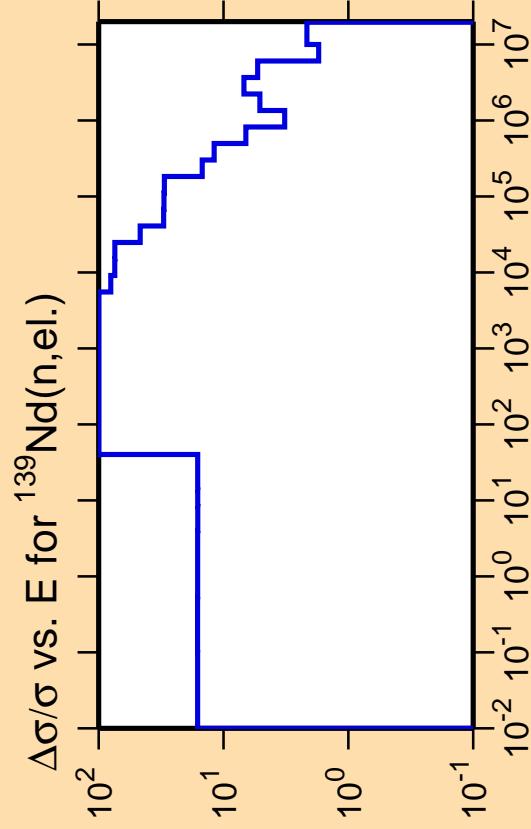
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix



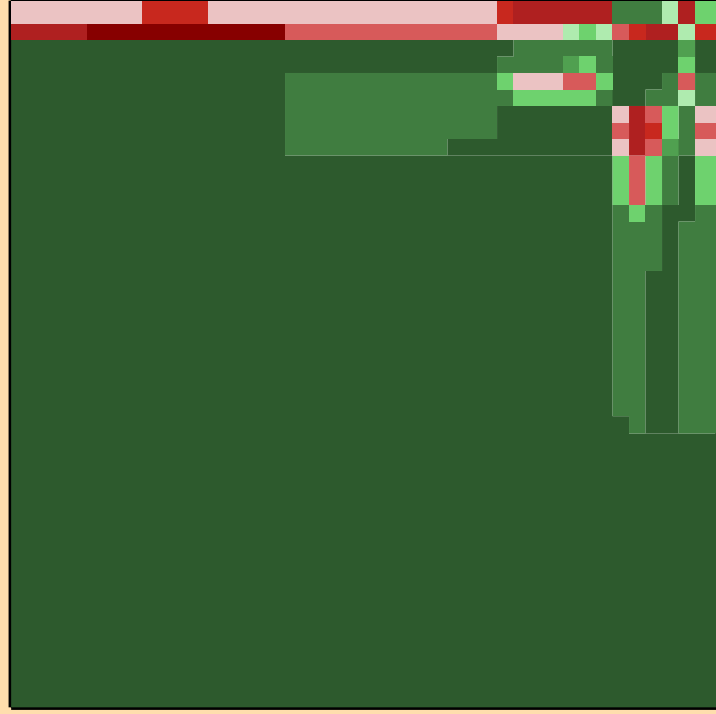
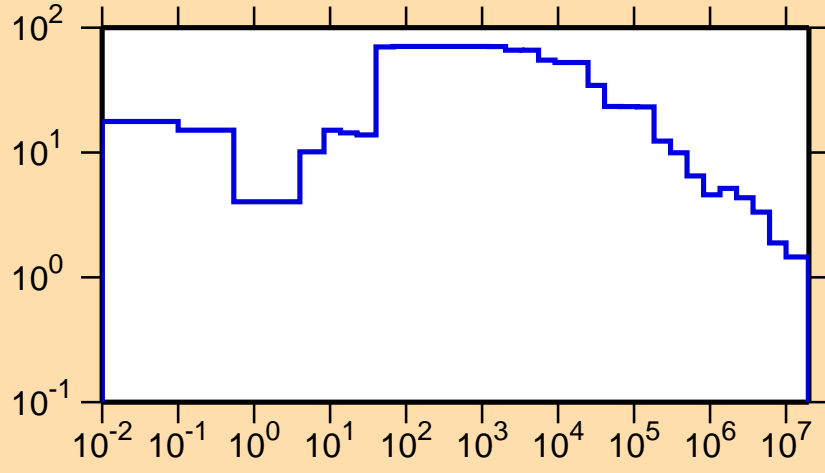


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

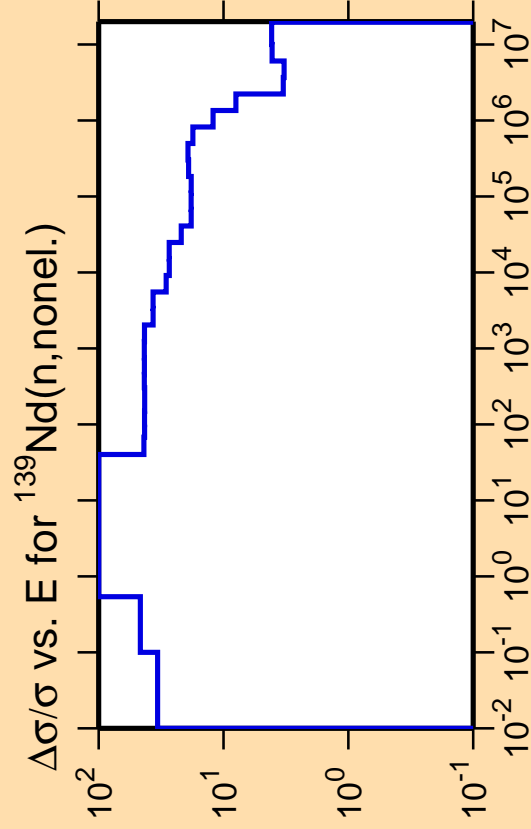
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{tot.})$



Correlation Matrix



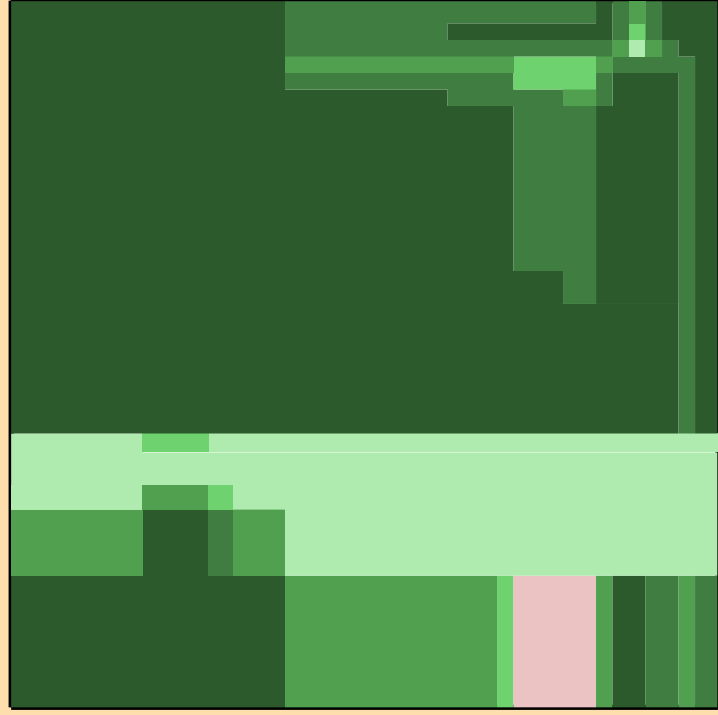
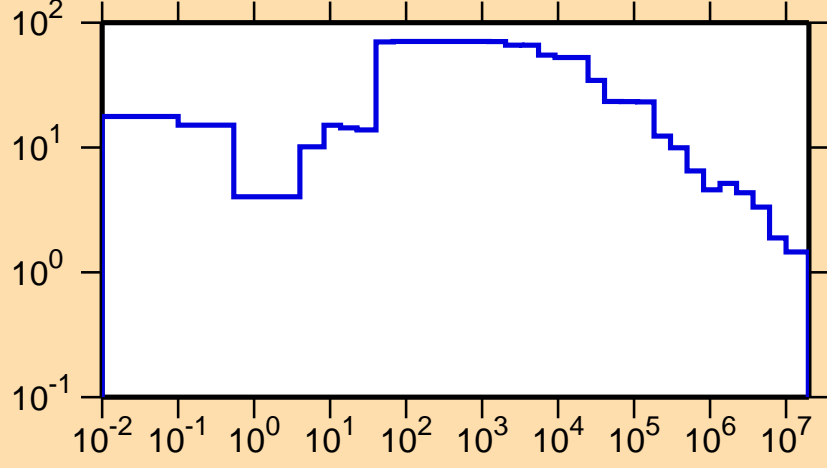


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

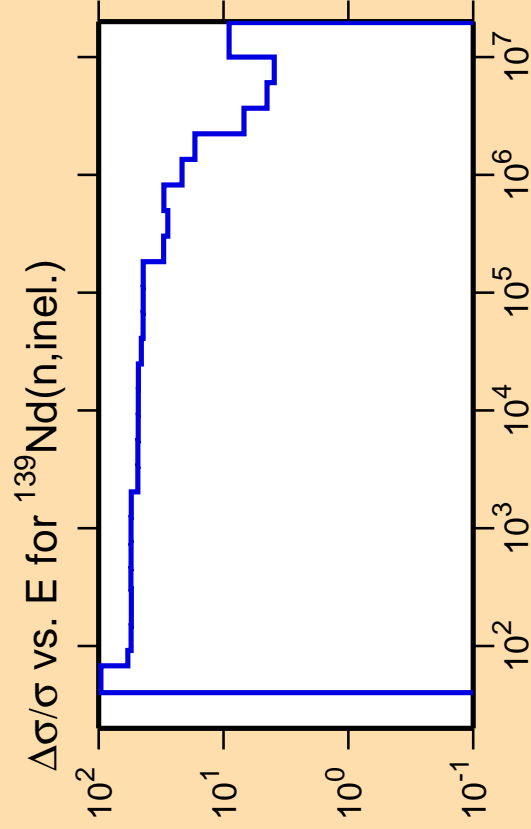
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{tot.})$



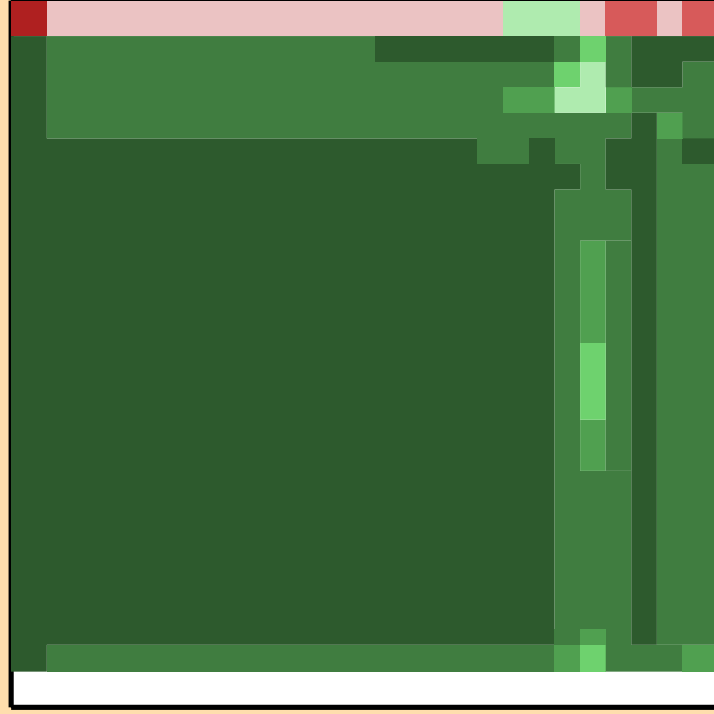
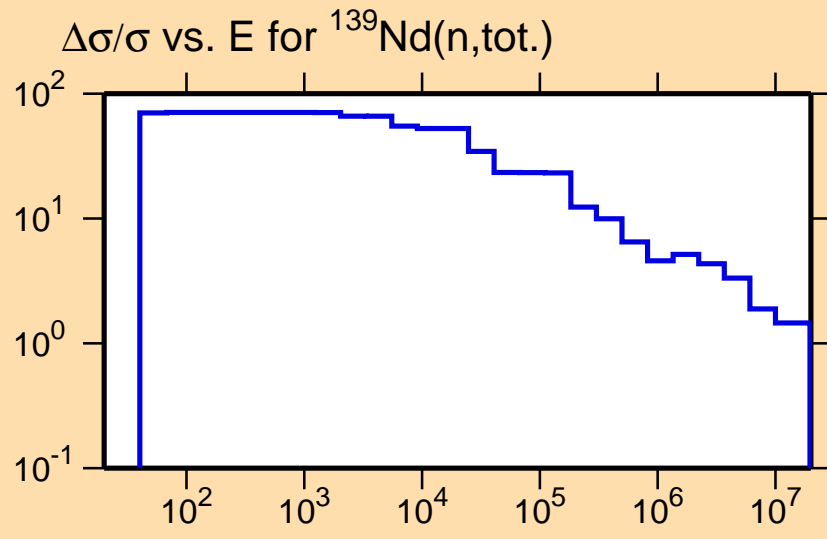
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

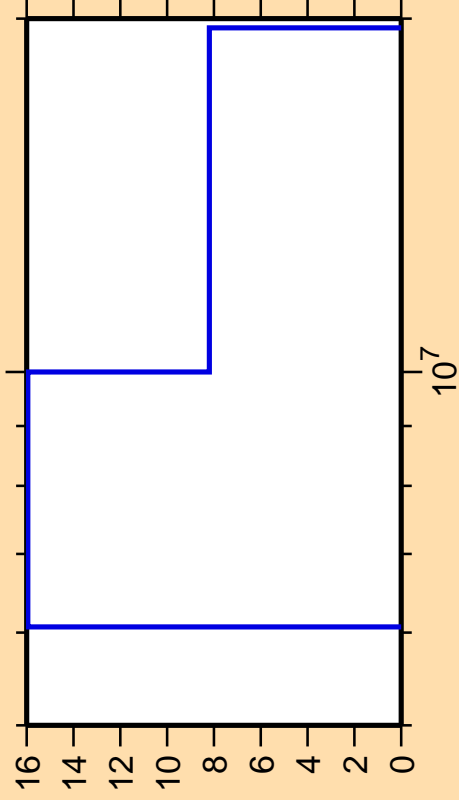
Abscissa scales are energy (eV).



Correlation Matrix



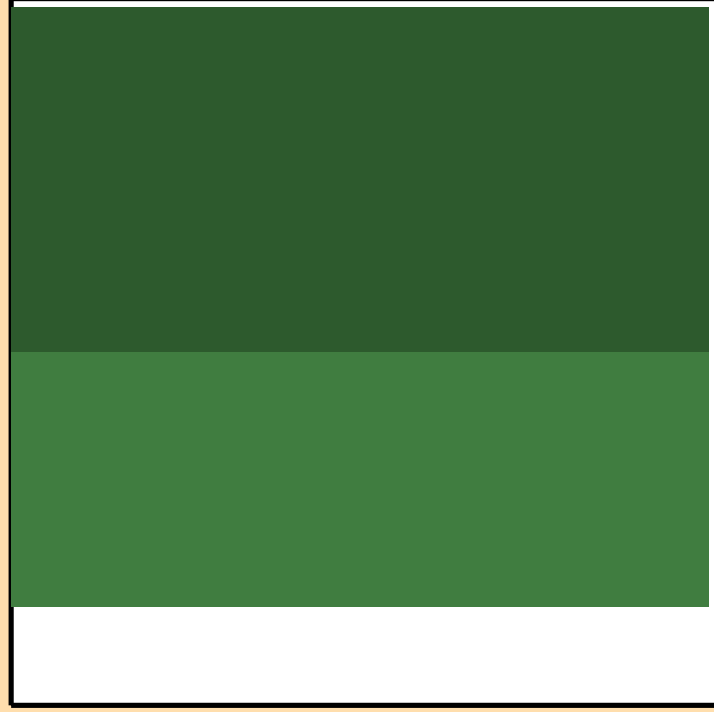
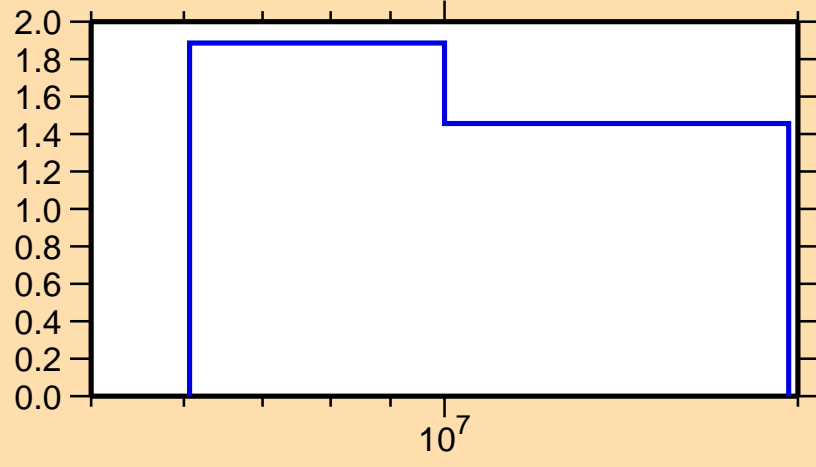
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Ordinate scale is %  
relative standard deviation.

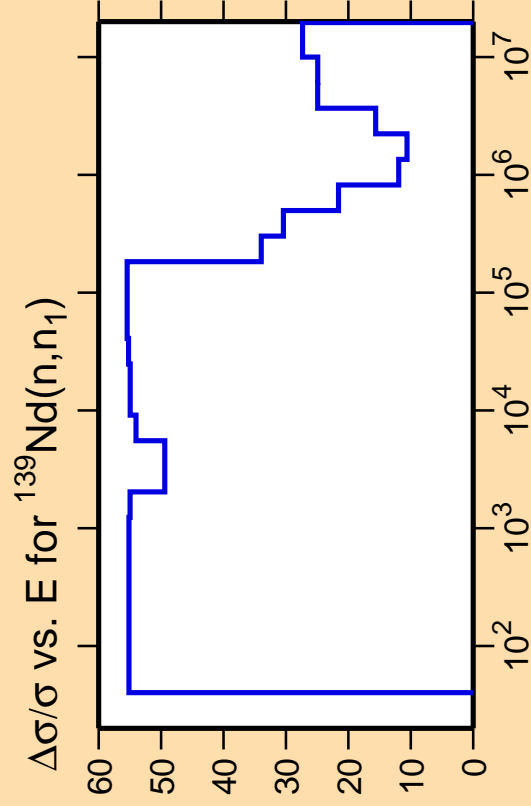
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{tot.})$



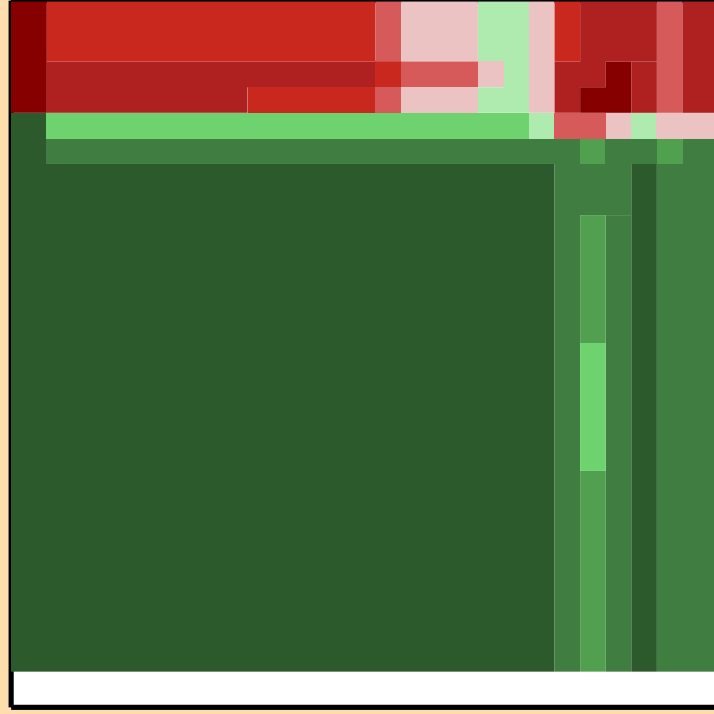
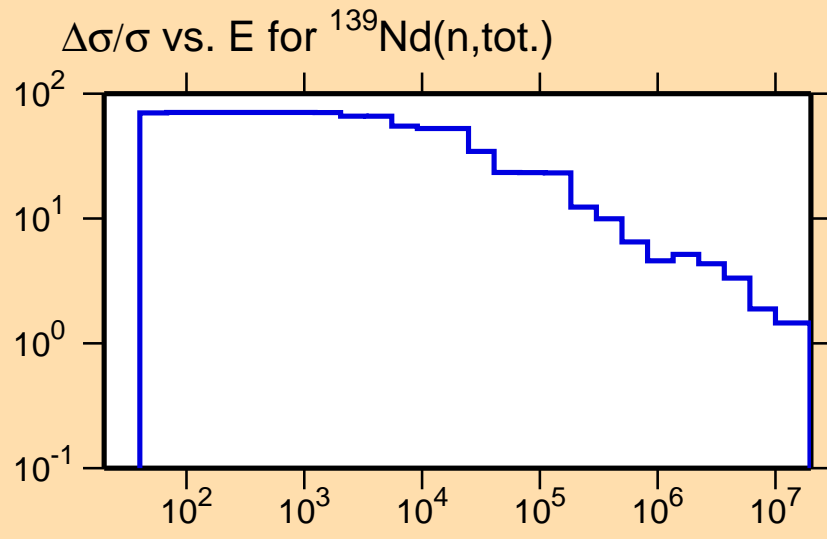
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

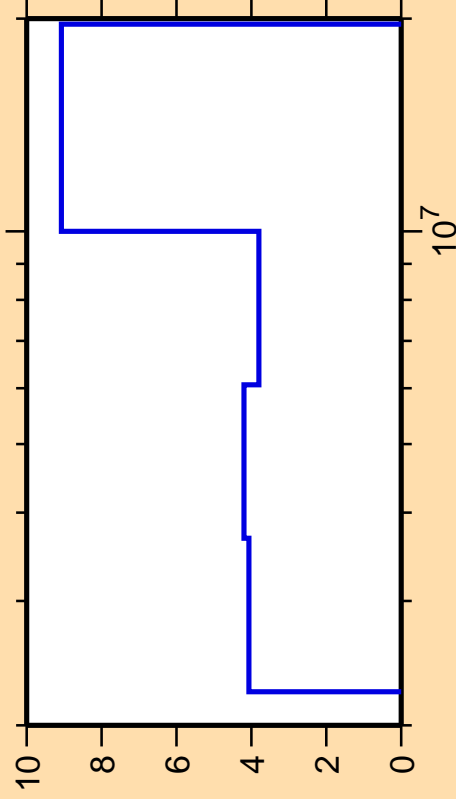
Abscissa scales are energy (eV).



Correlation Matrix



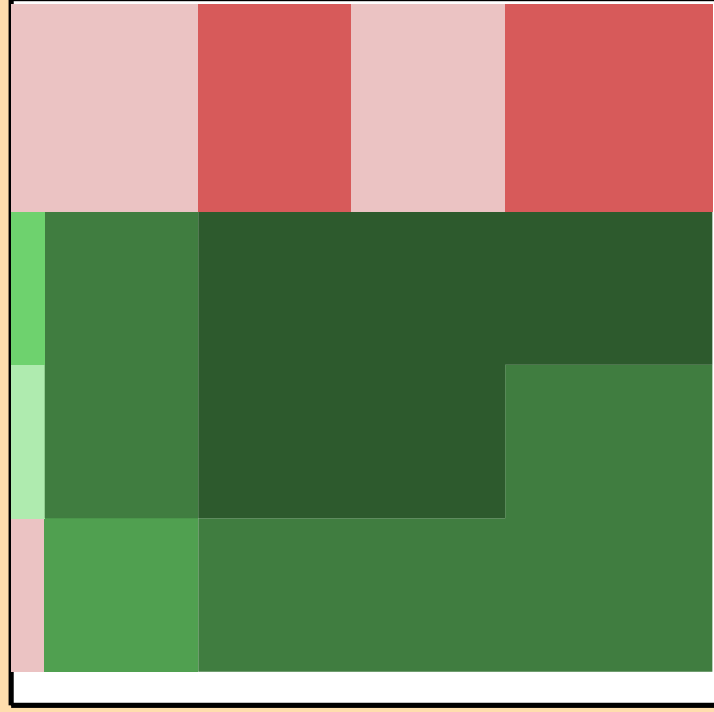
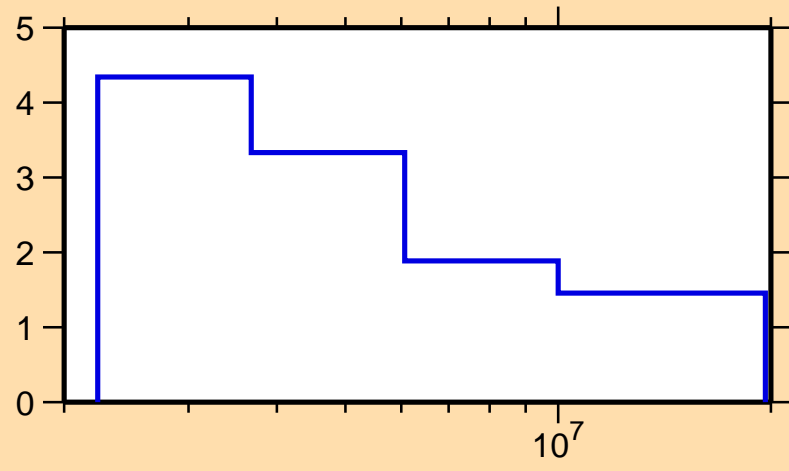
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

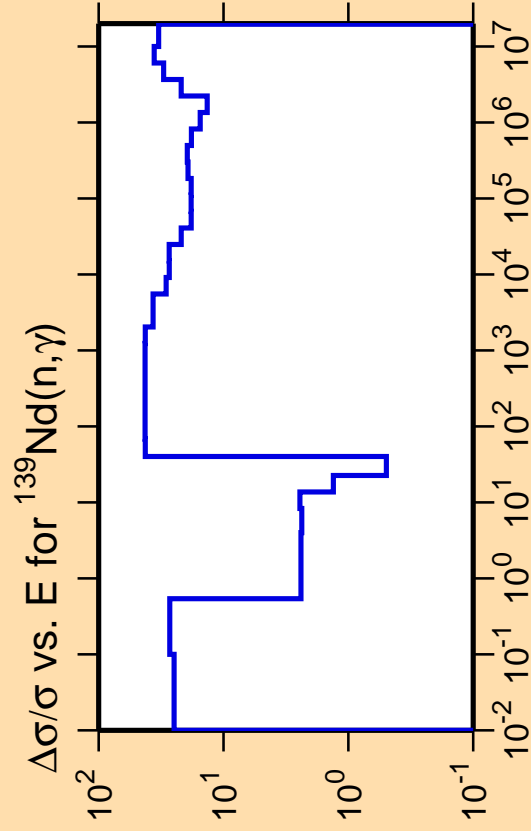
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{tot.})$



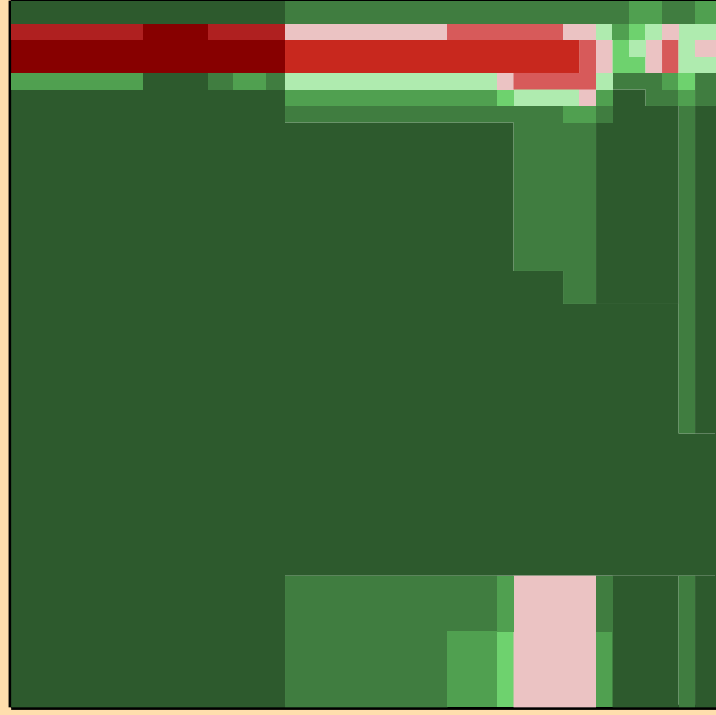
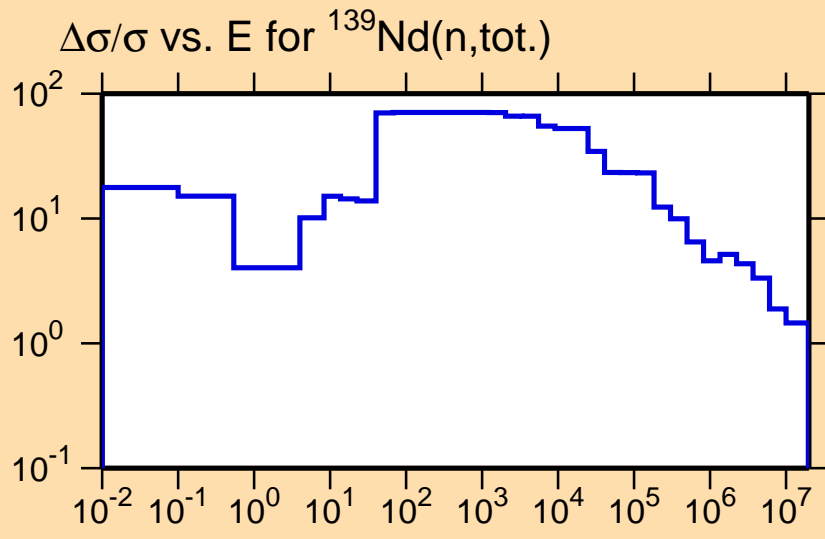
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

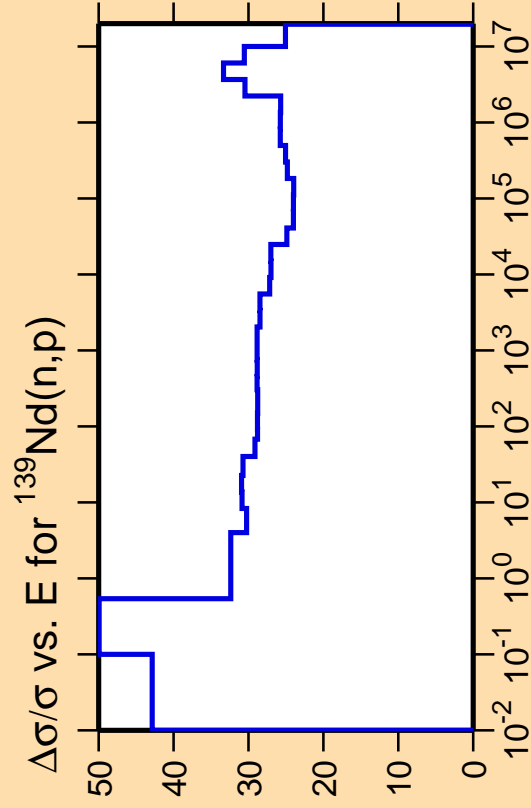
Abscissa scales are energy (eV).



Correlation Matrix

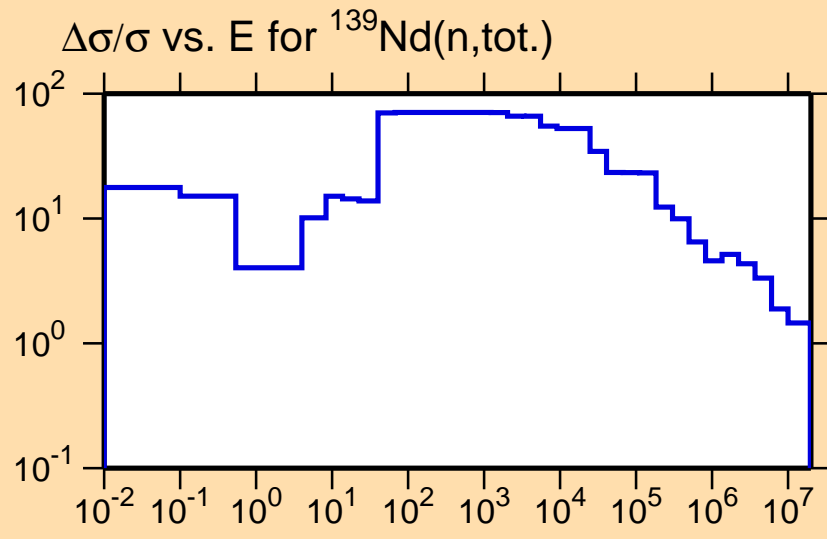






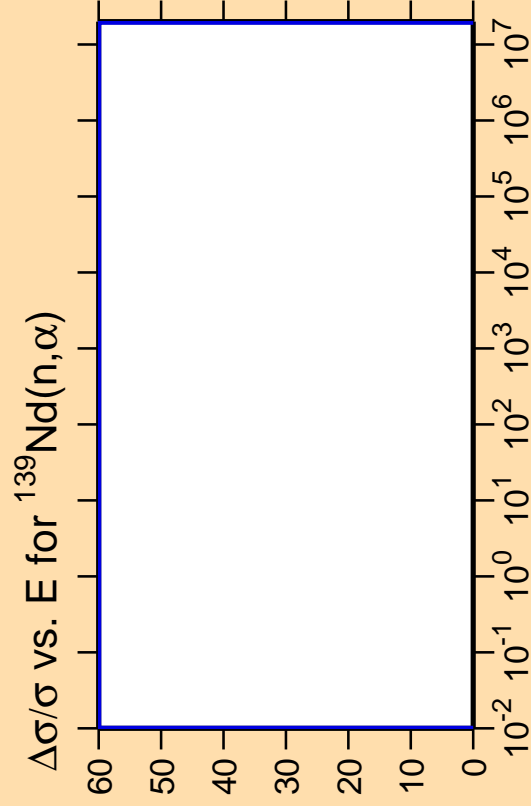
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix



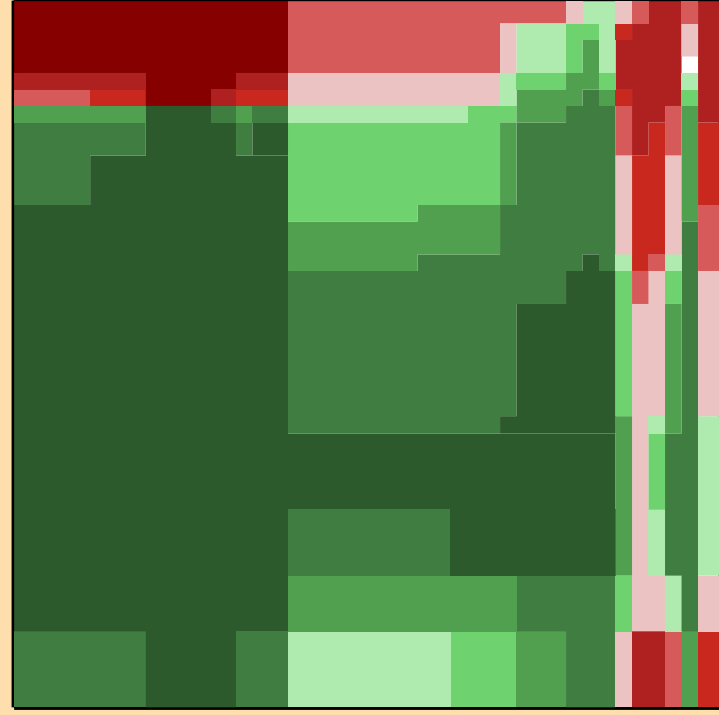
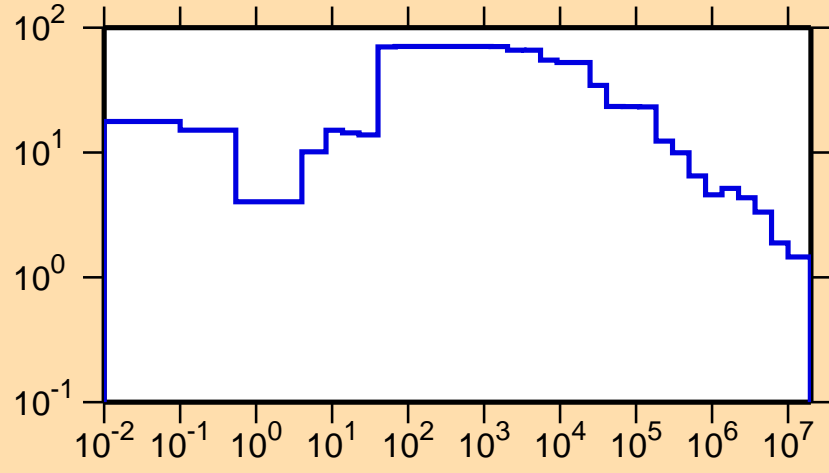


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

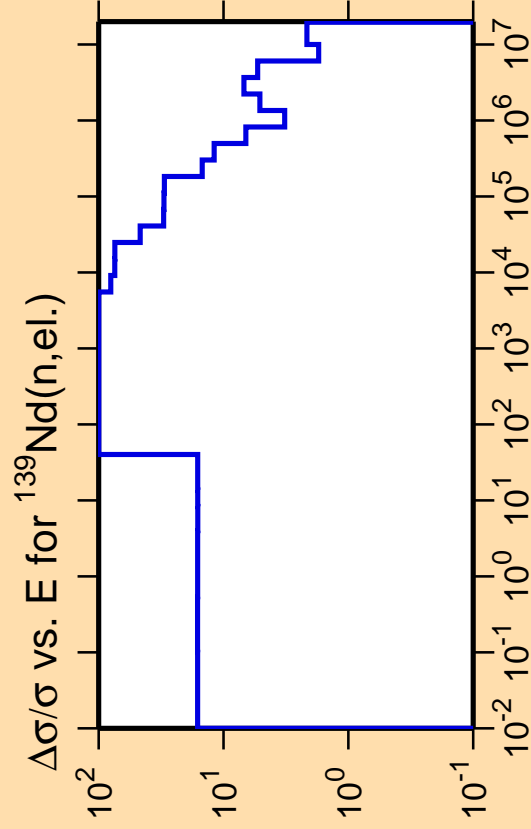
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{tot.})$



Correlation Matrix

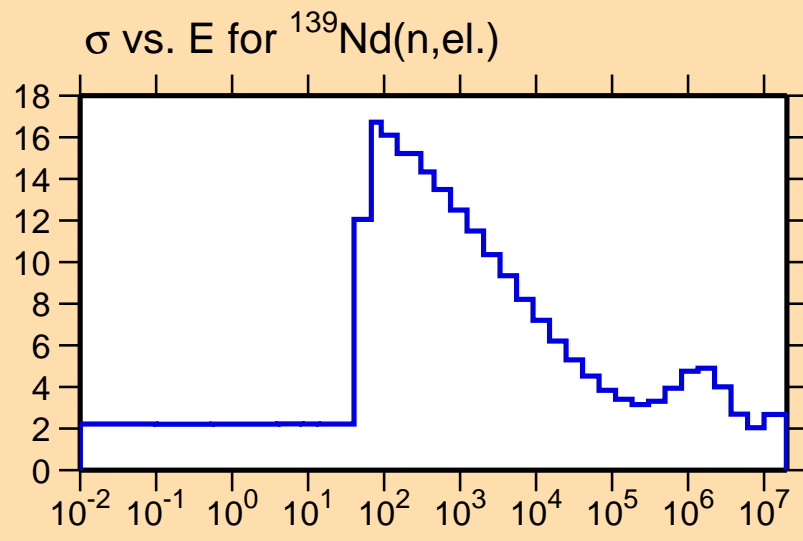




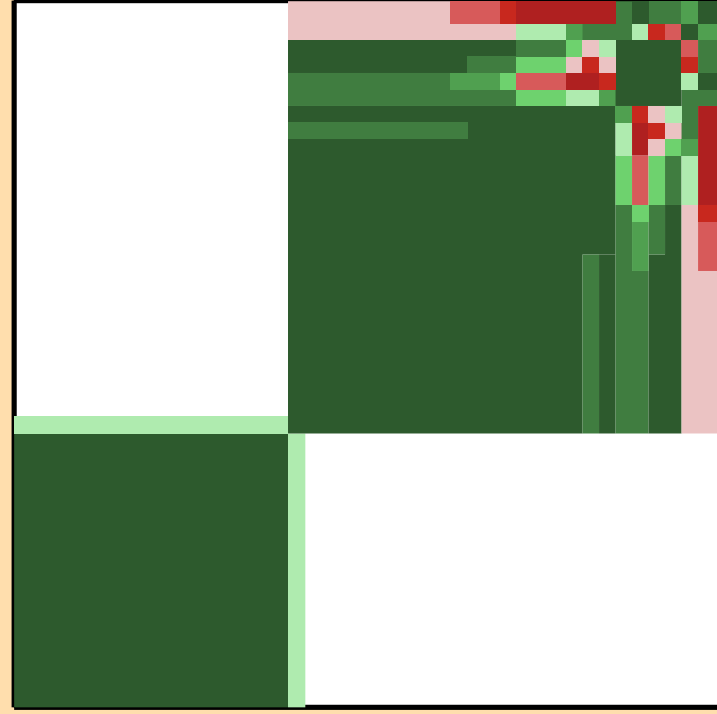
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

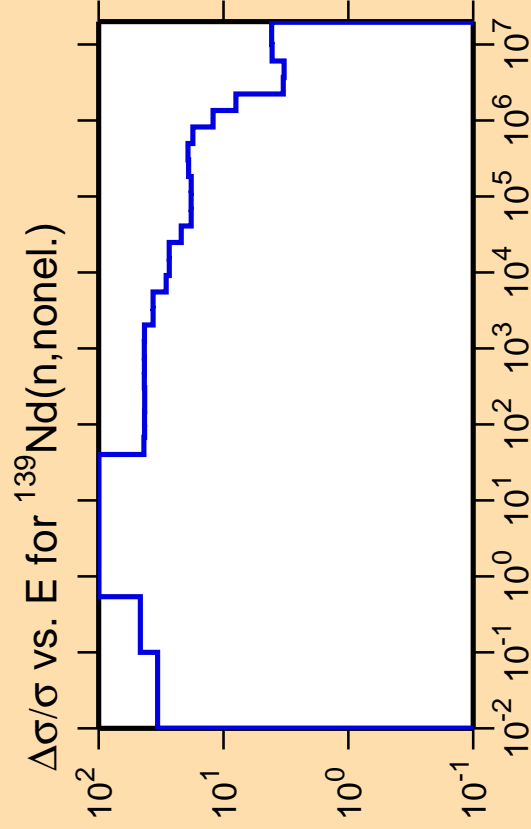


$\sigma$  vs.  $E$  for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix



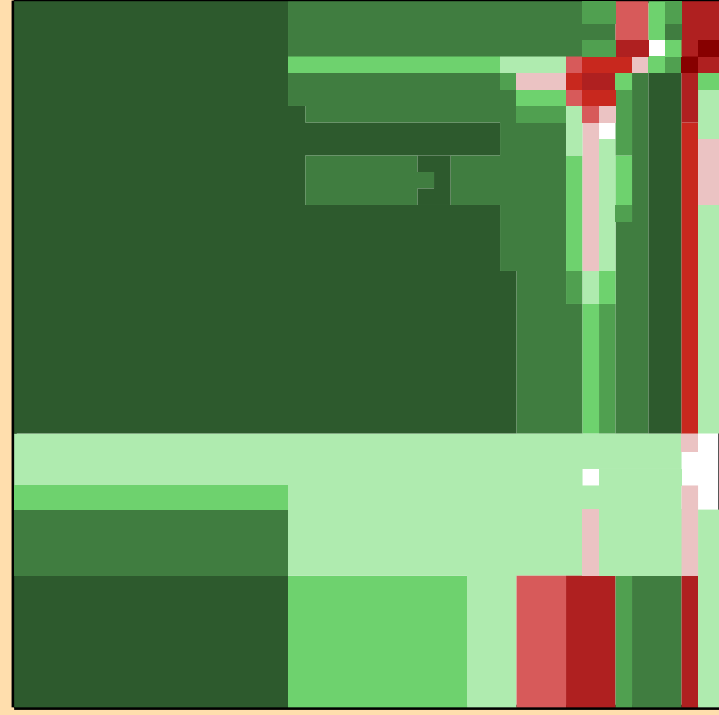
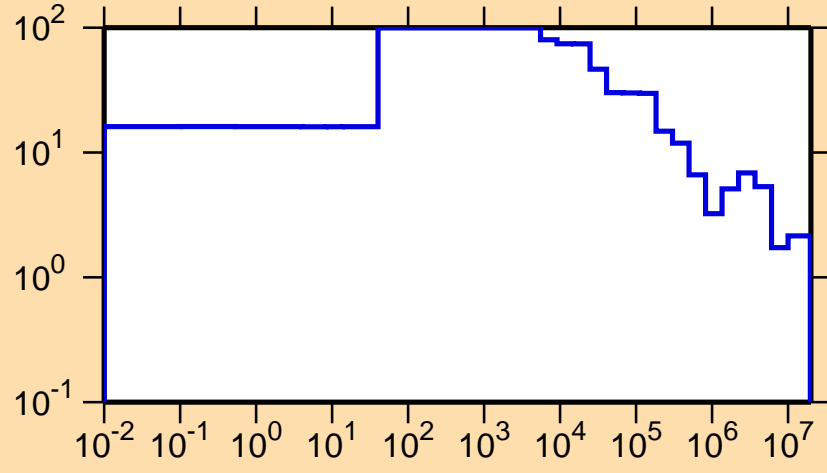


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

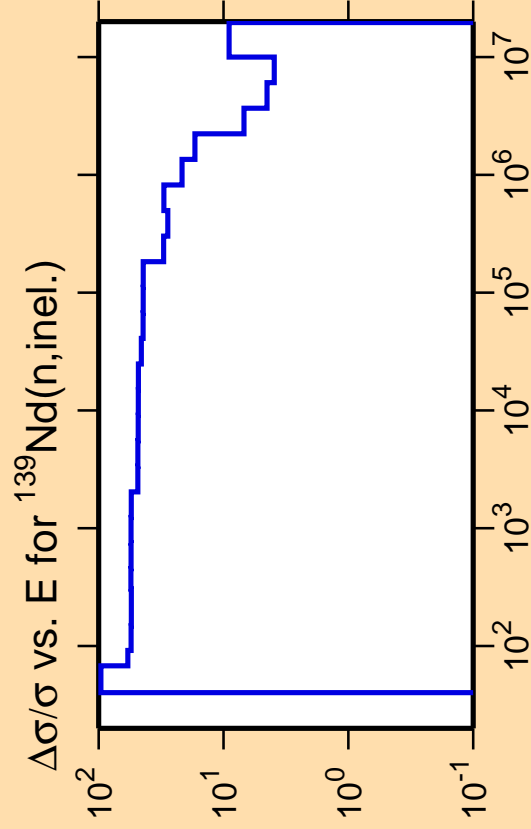
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix

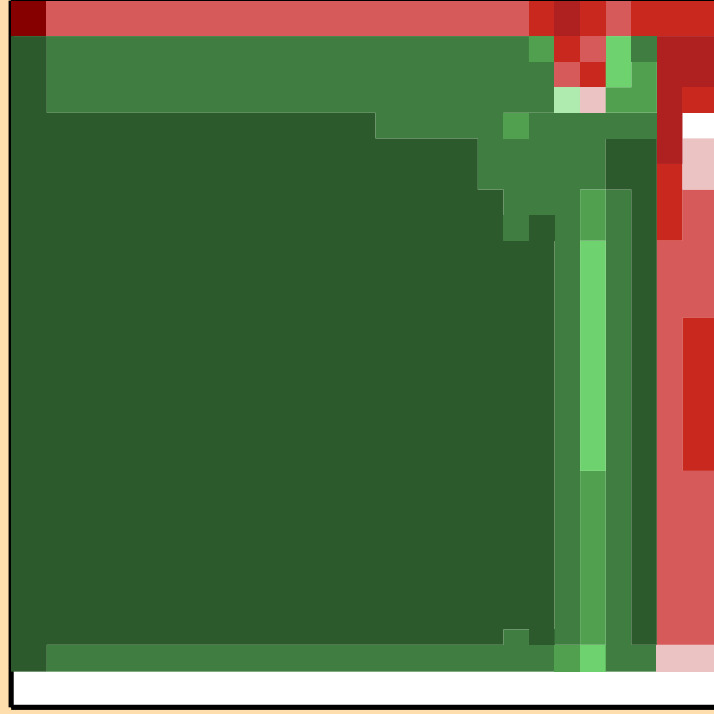
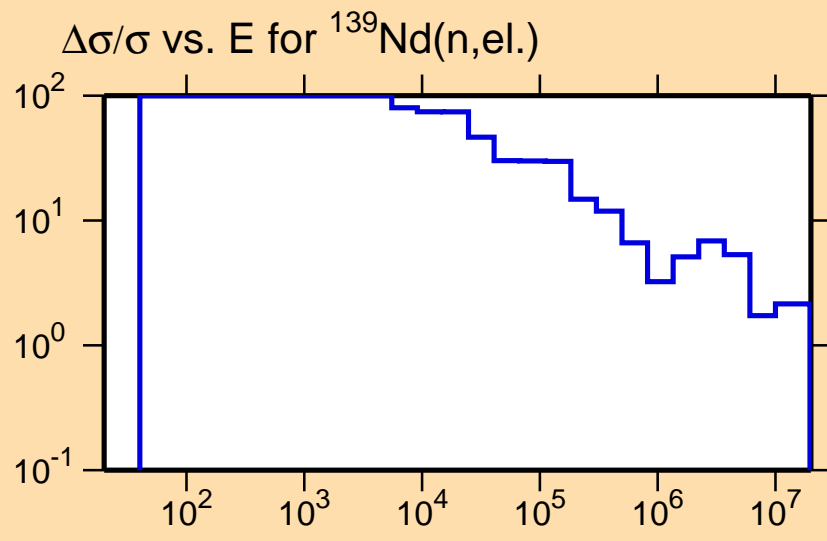




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

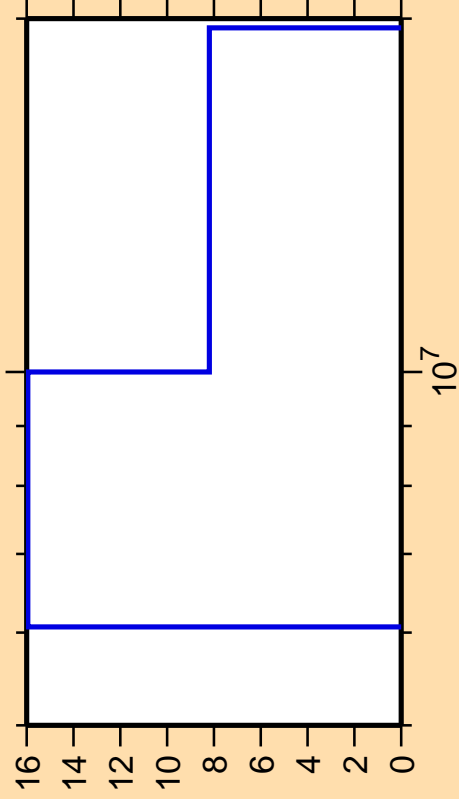
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



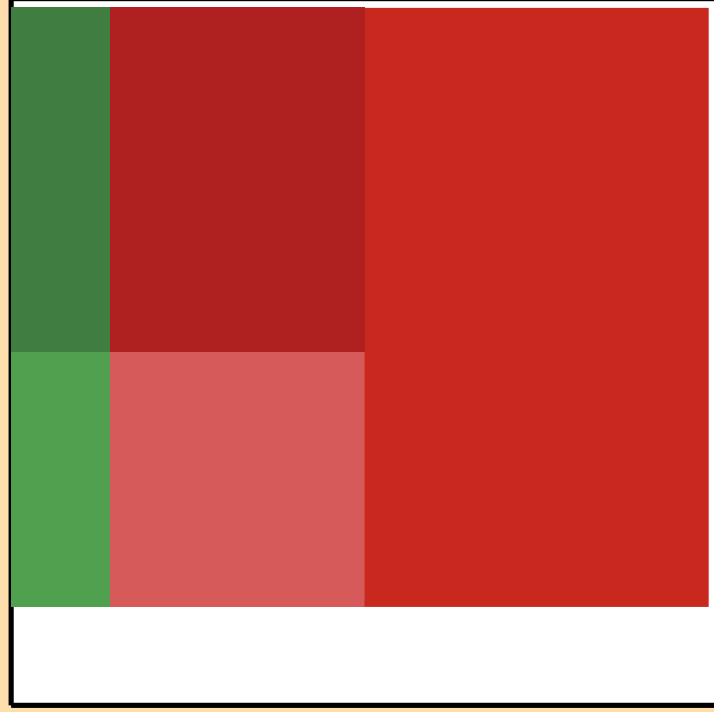
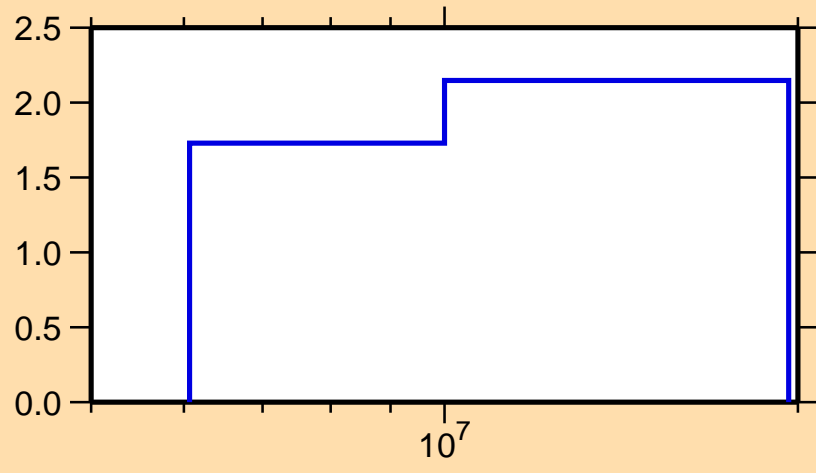
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Ordinate scale is %  
relative standard deviation.

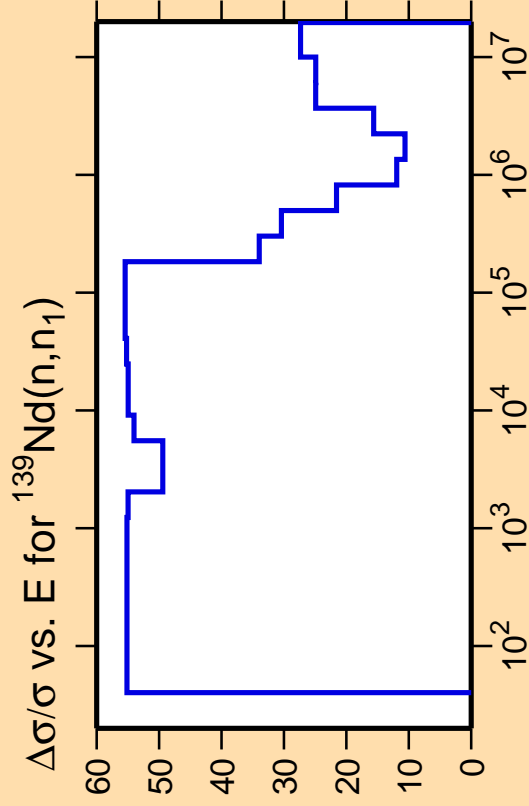
Abcissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix



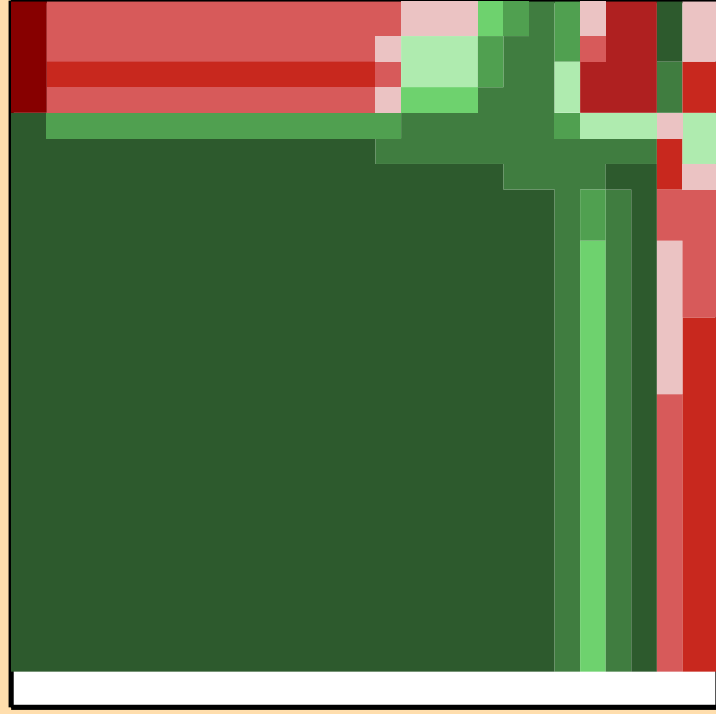
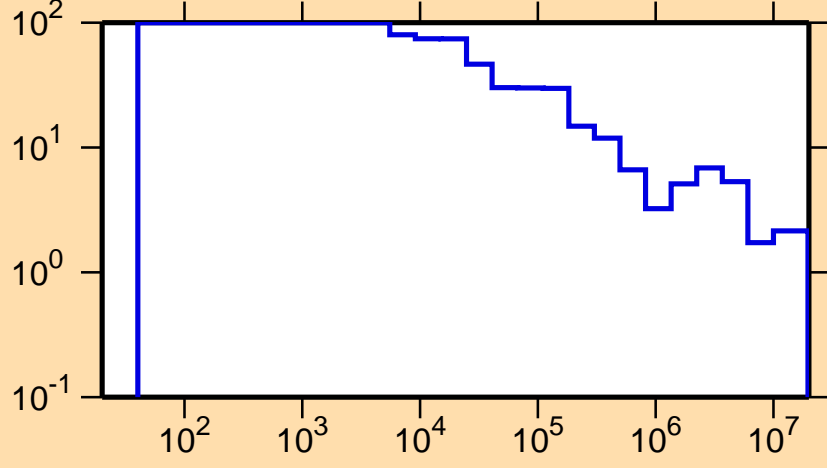


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

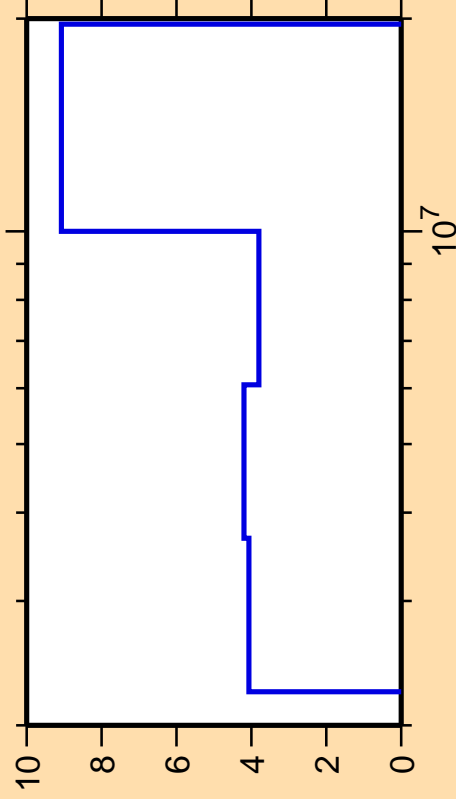
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix



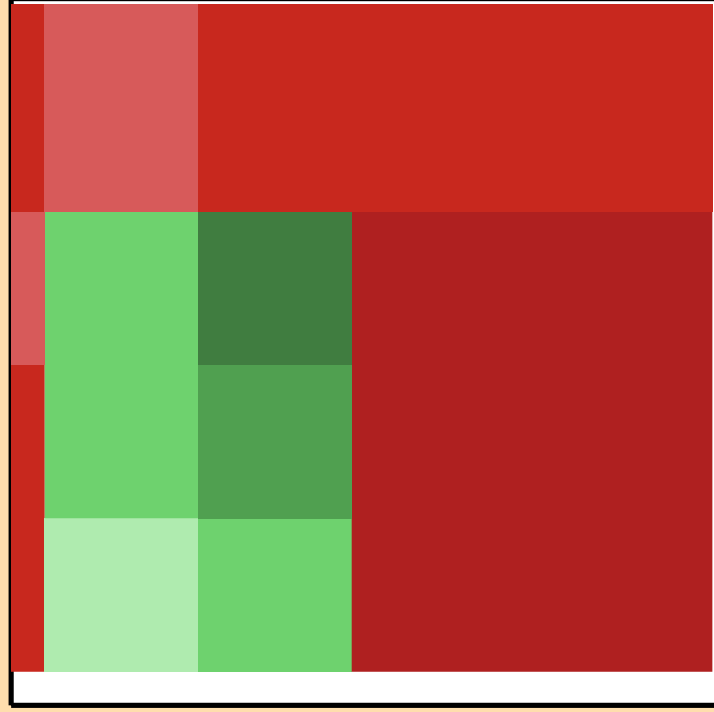
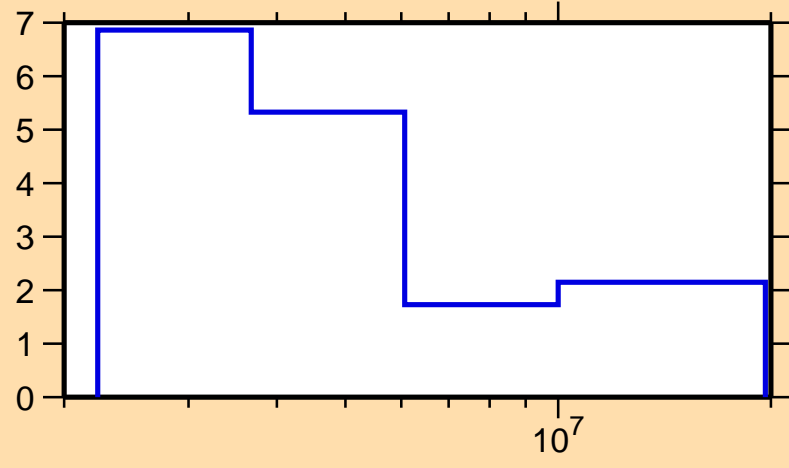
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

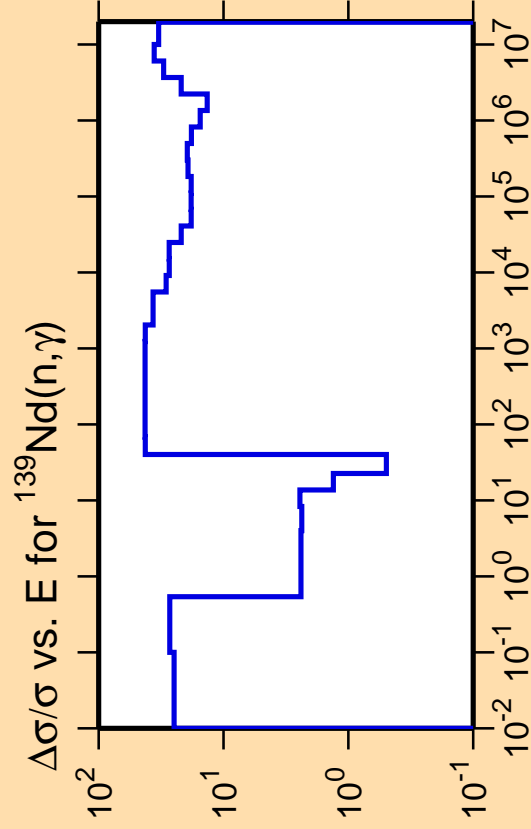
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix





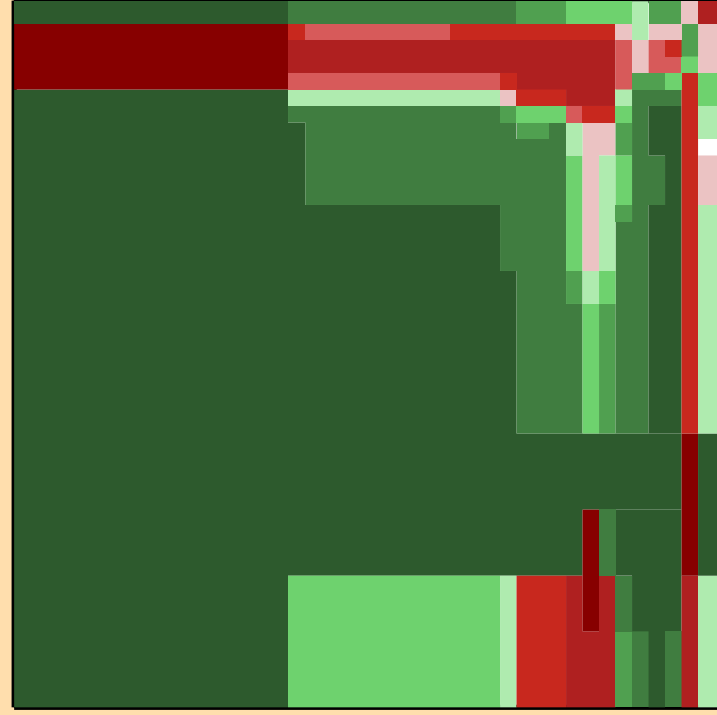
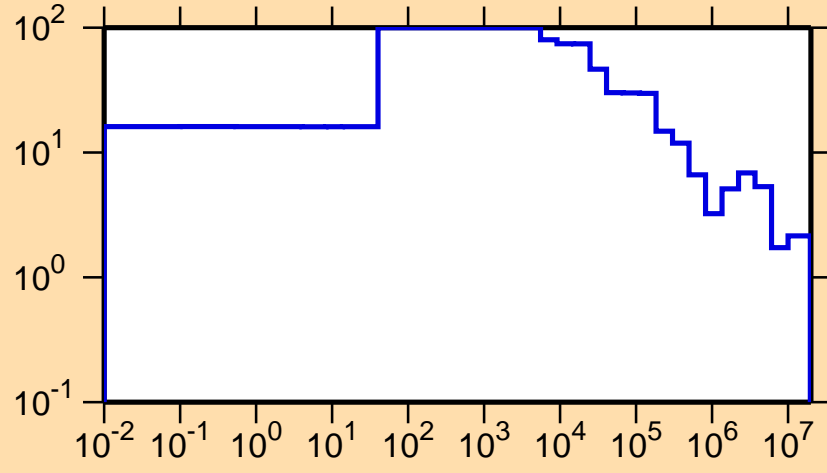


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

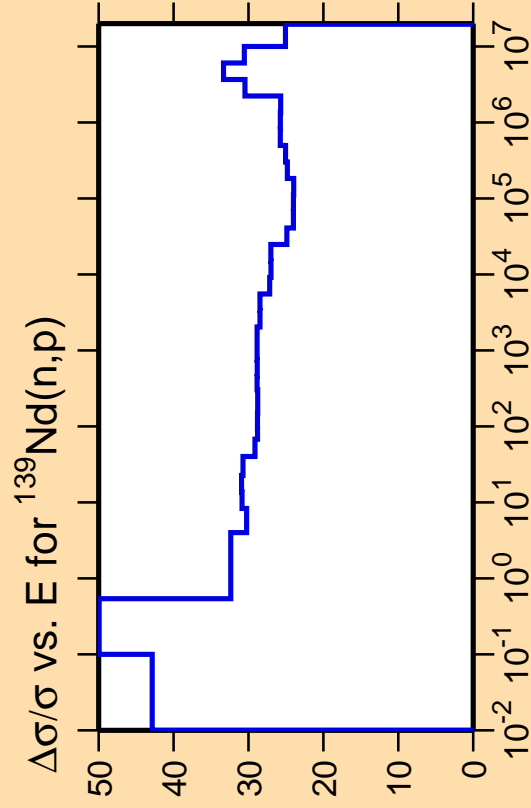
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix



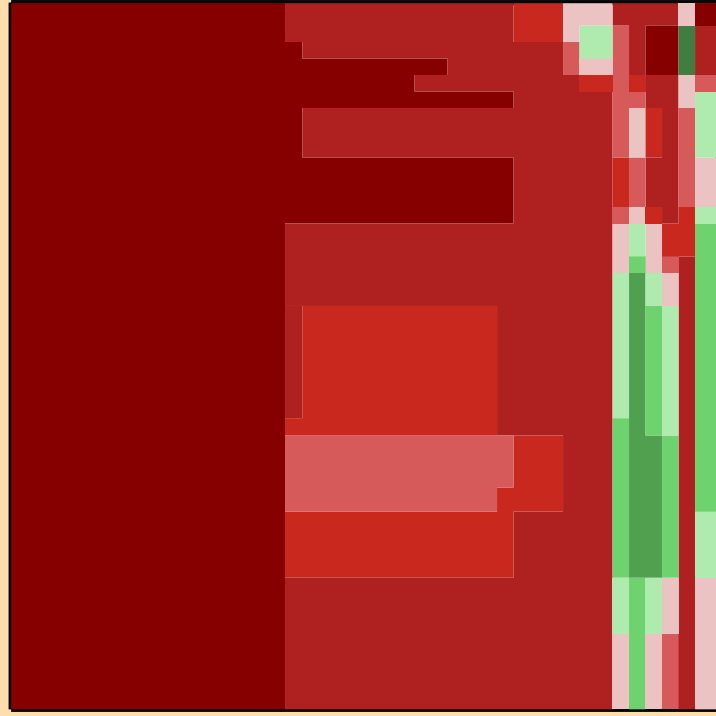
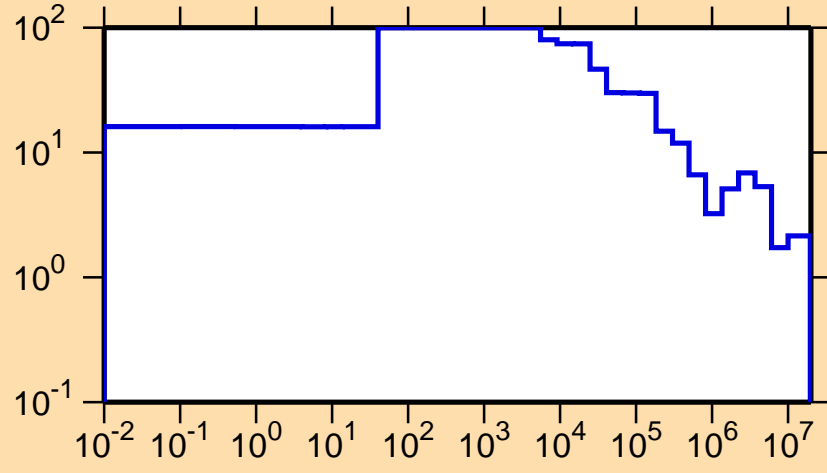


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

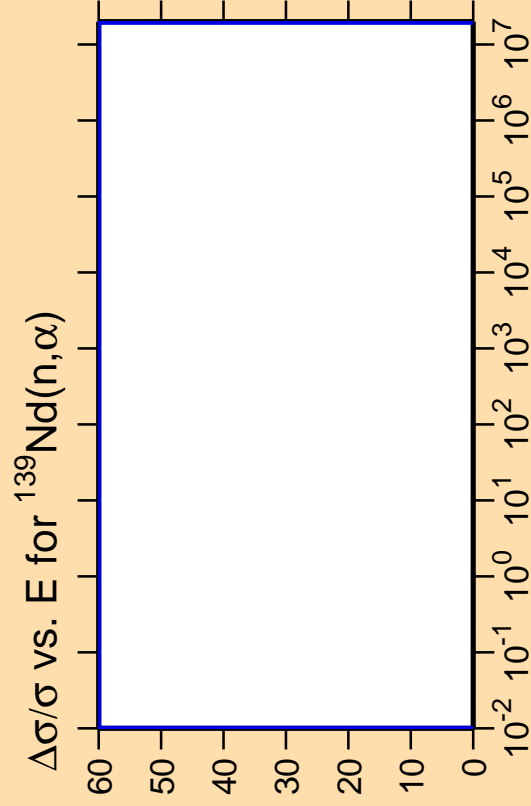
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix



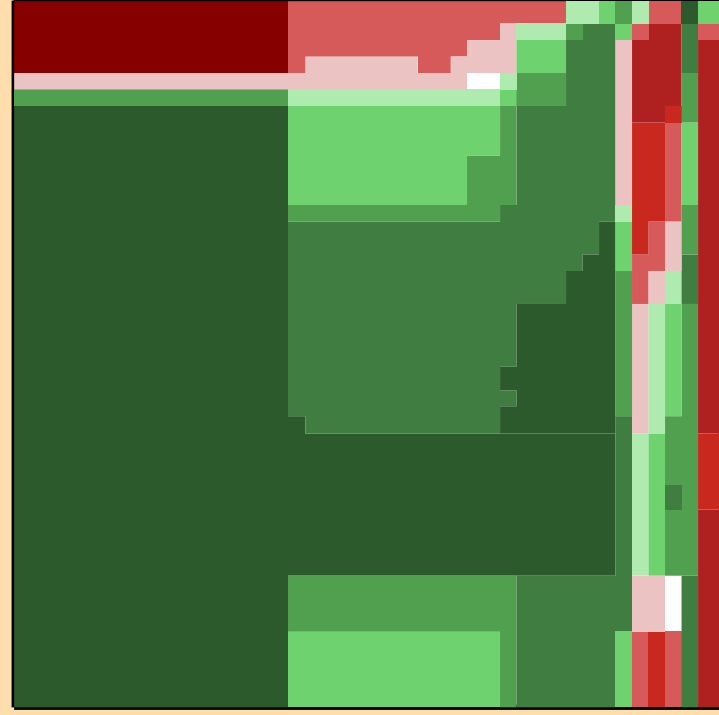
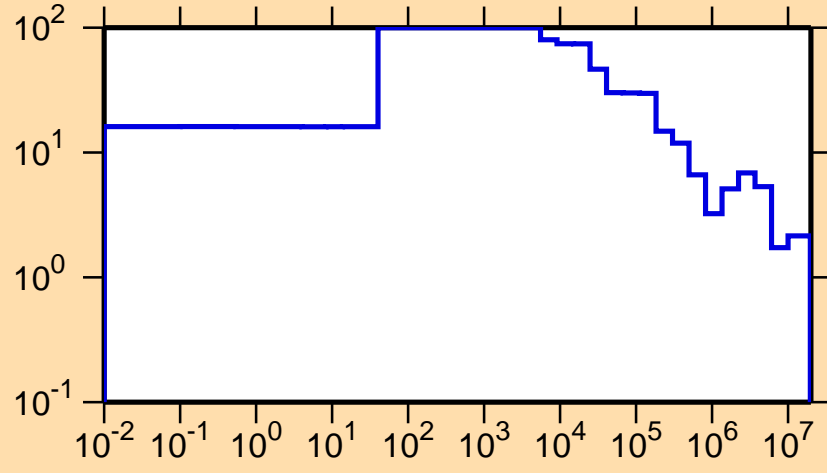


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

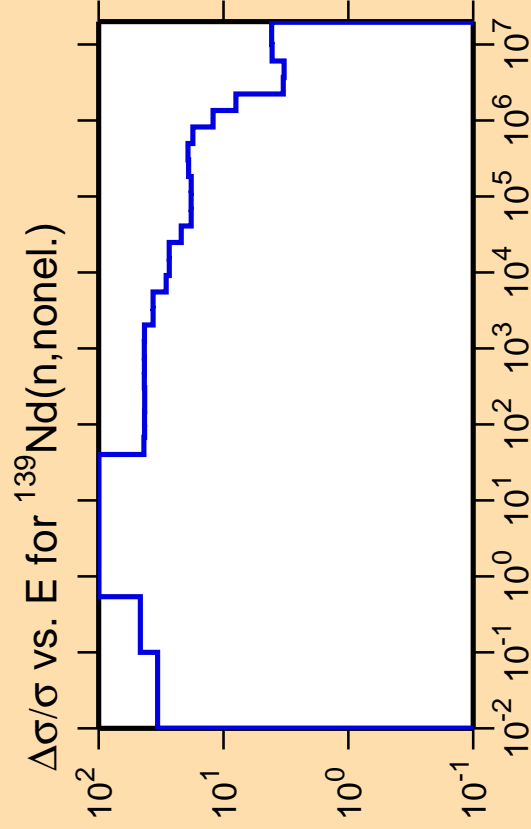
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{el.})$



Correlation Matrix

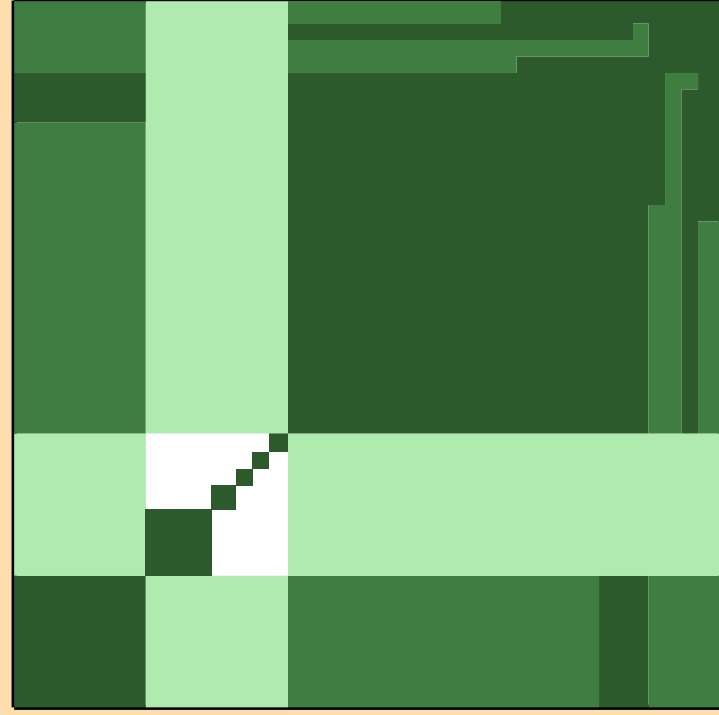
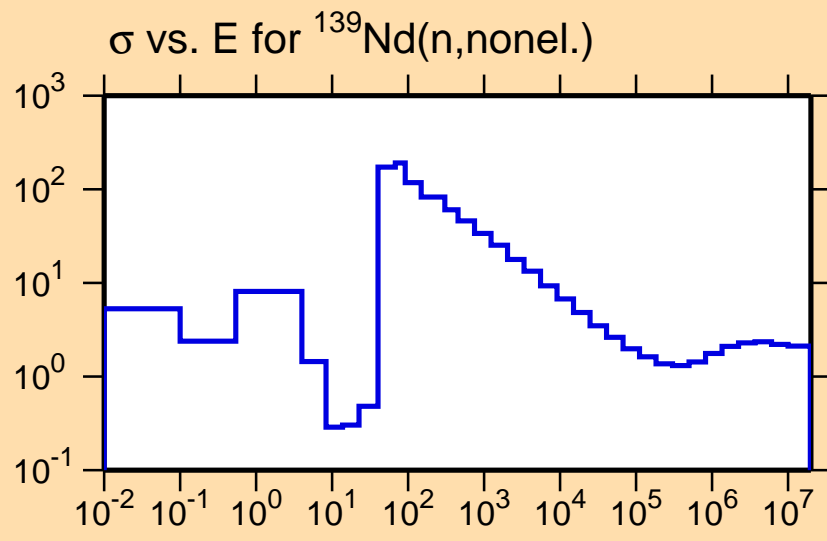




Ordinate scales are % relative standard deviation and barns.

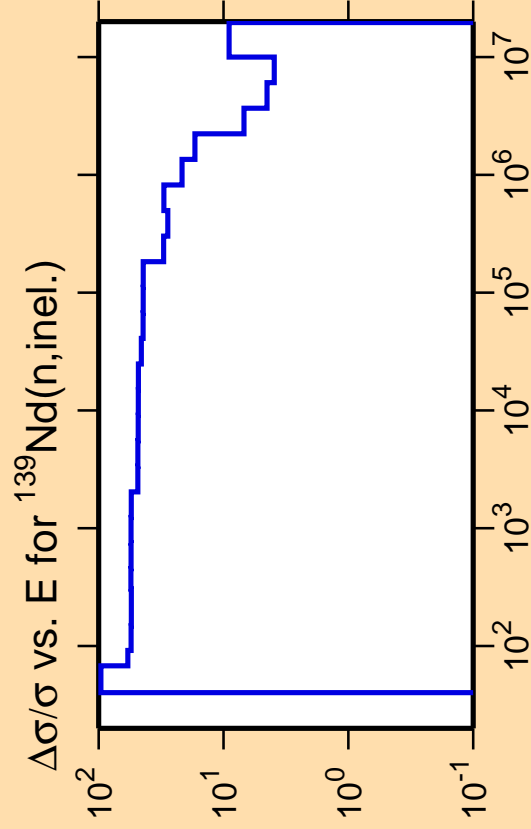
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

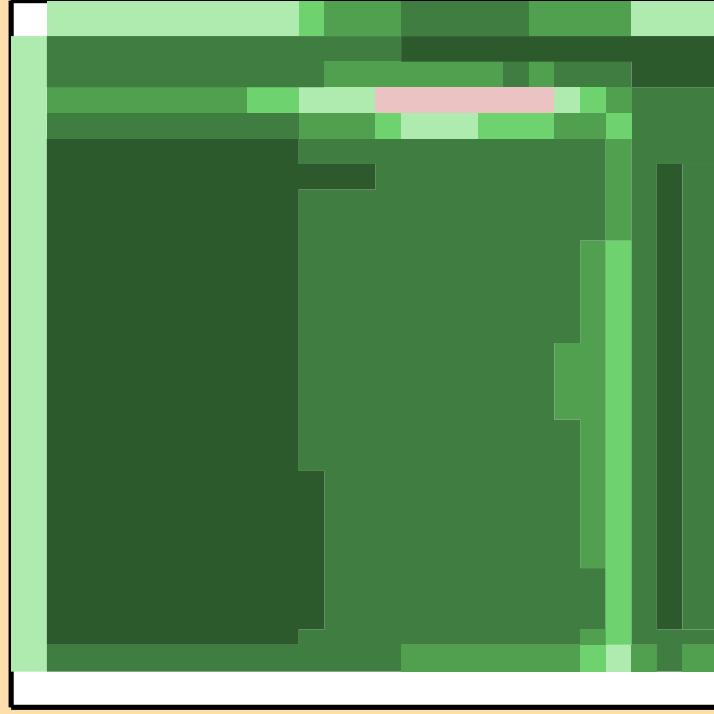
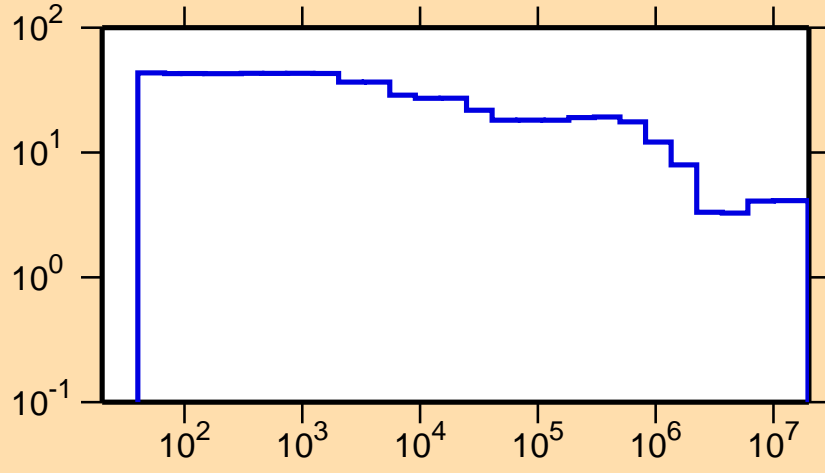




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

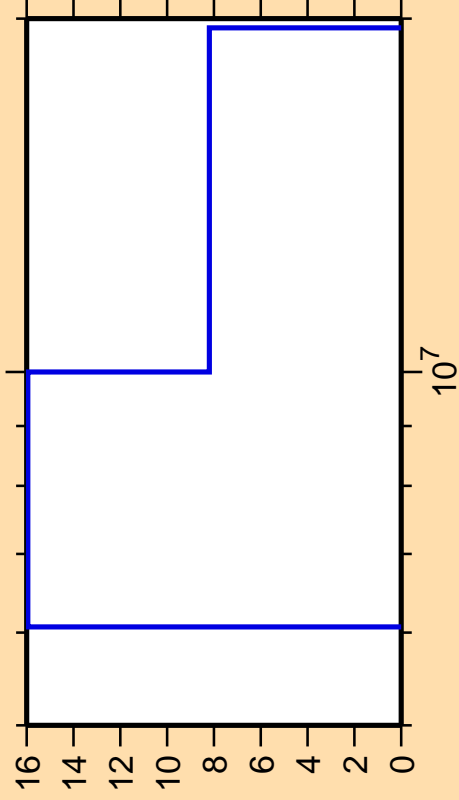
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nonel.})$



Correlation Matrix



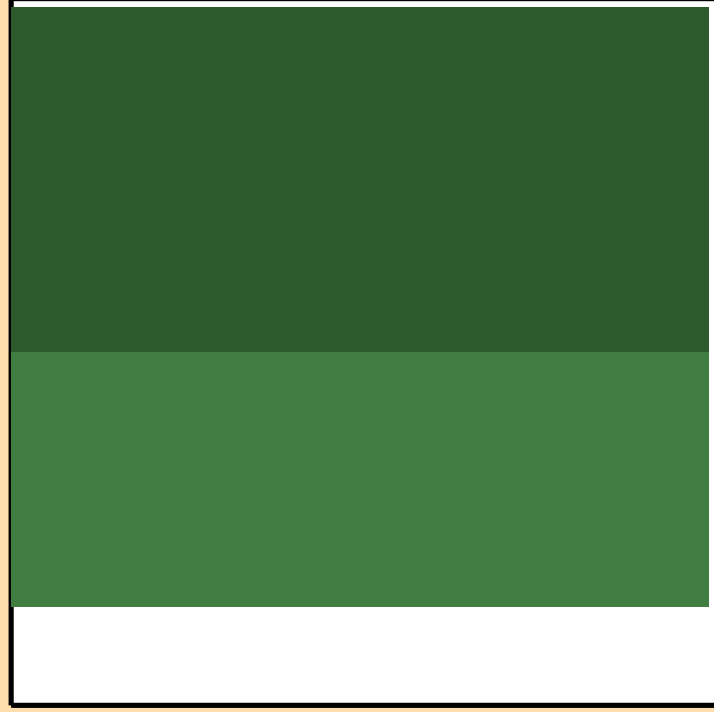
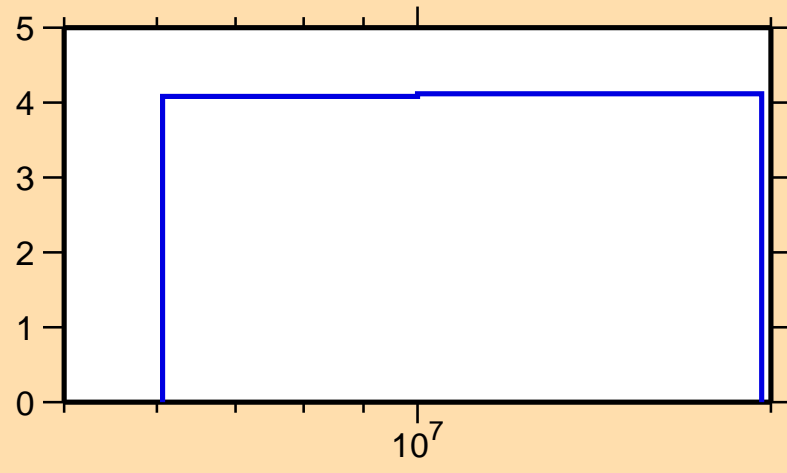
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Ordinate scale is %  
relative standard deviation.

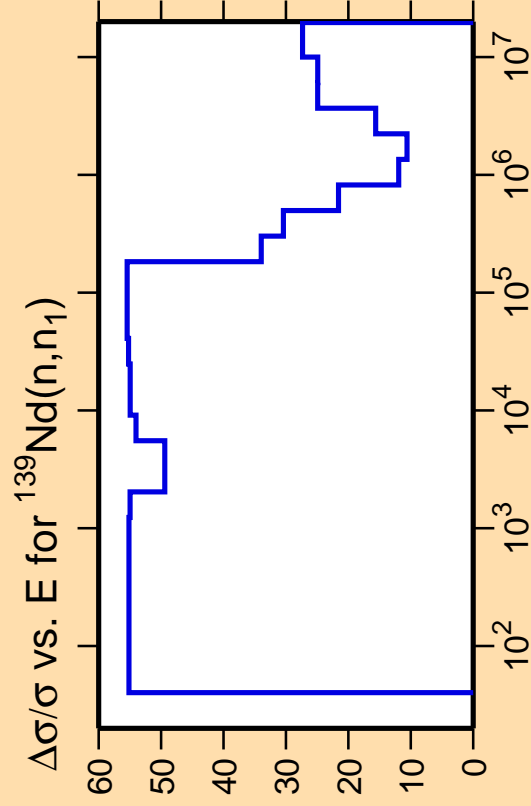
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nonel.})$



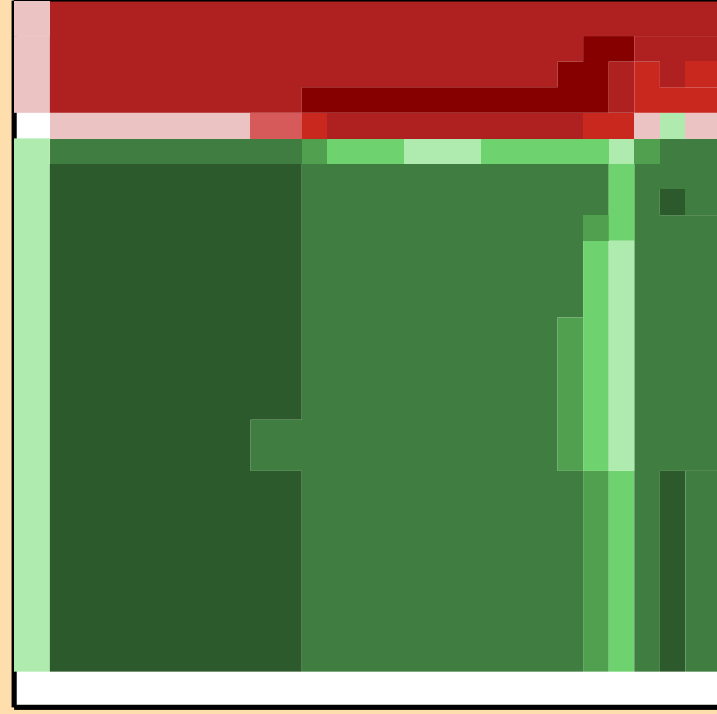
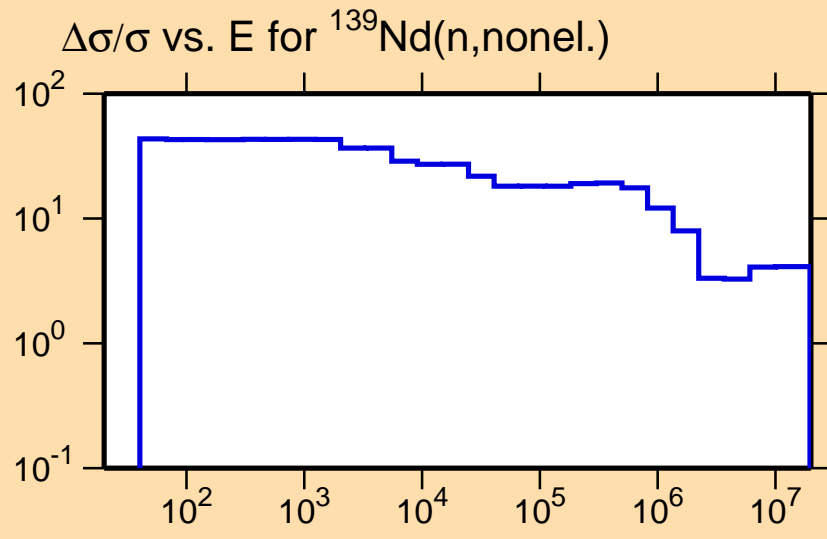
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

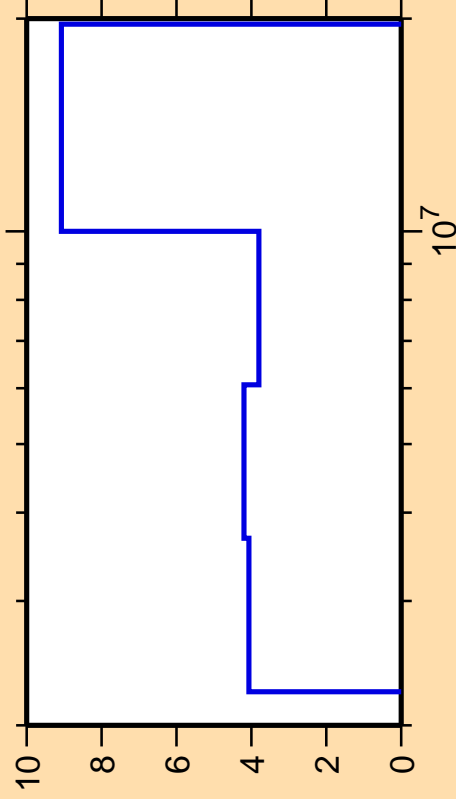
Abscissa scales are energy (eV).



Correlation Matrix



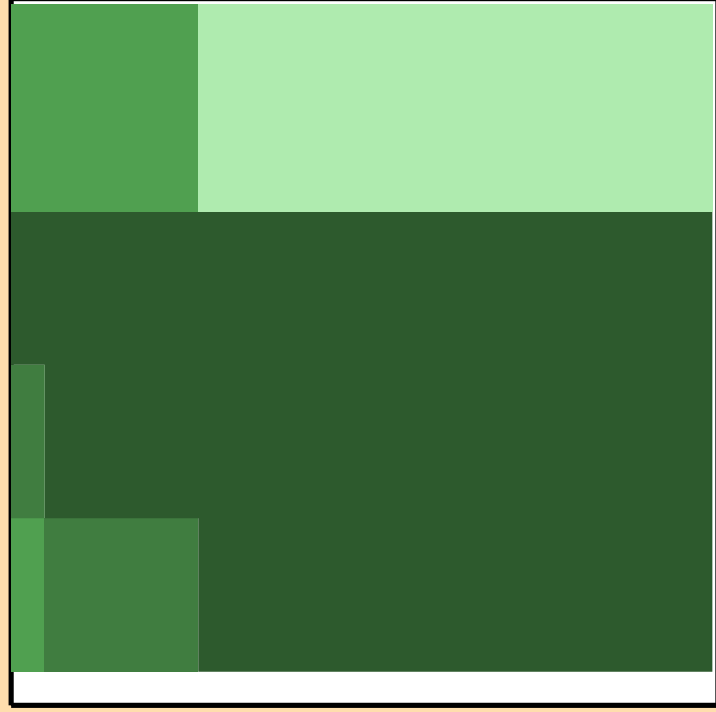
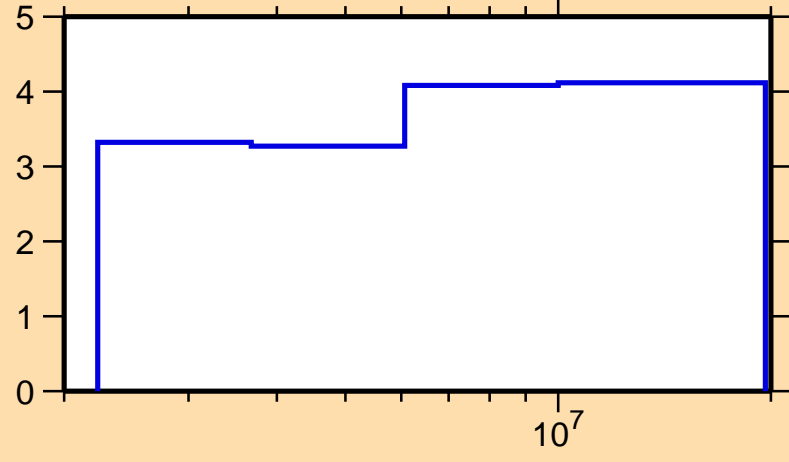
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

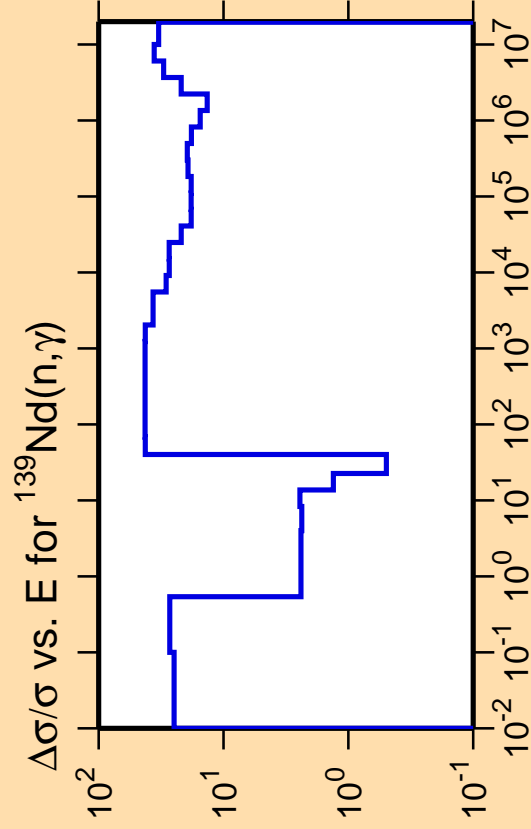
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{onel.})$



Correlation Matrix





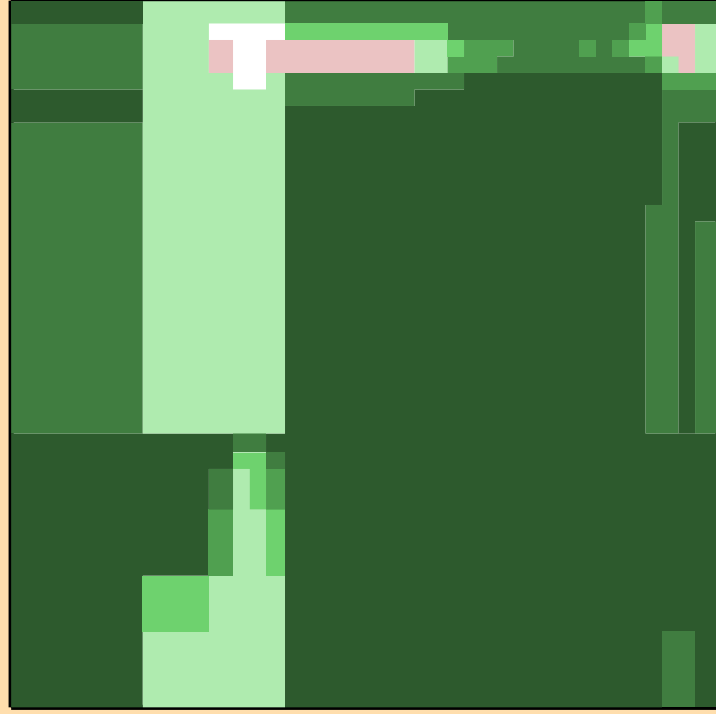
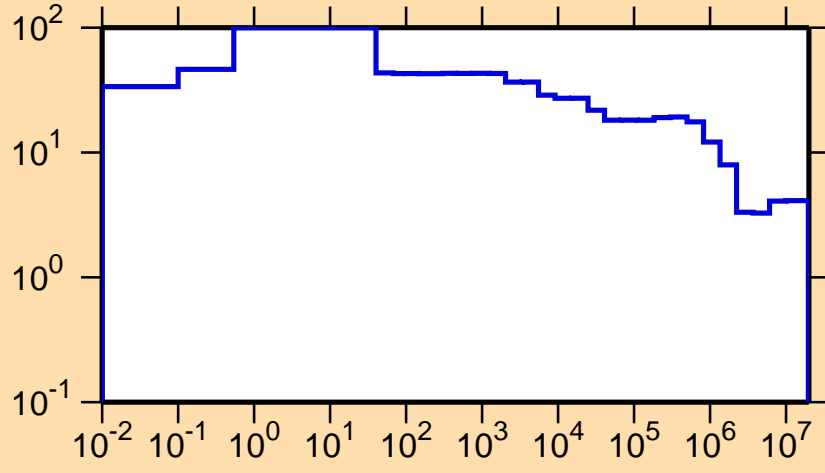


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

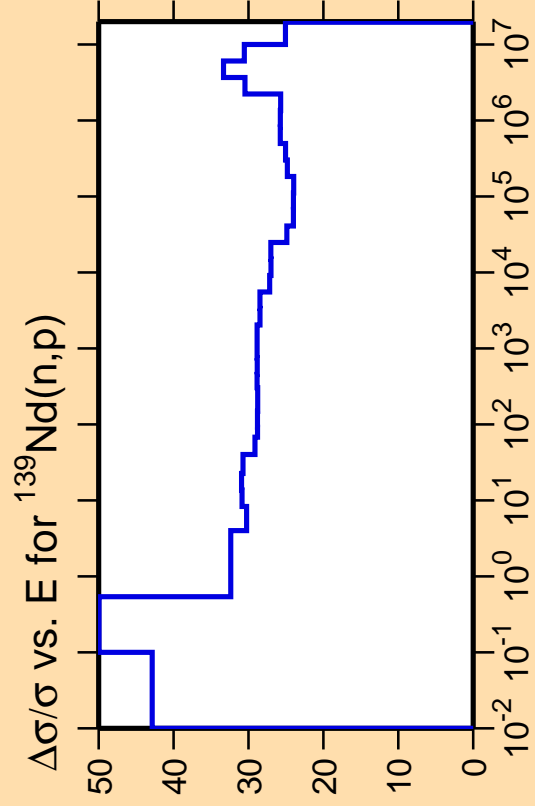
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nonel.})$



Correlation Matrix



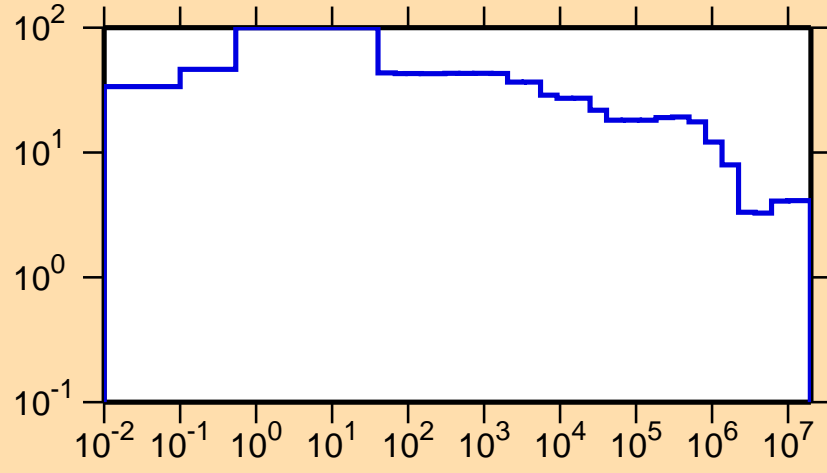


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

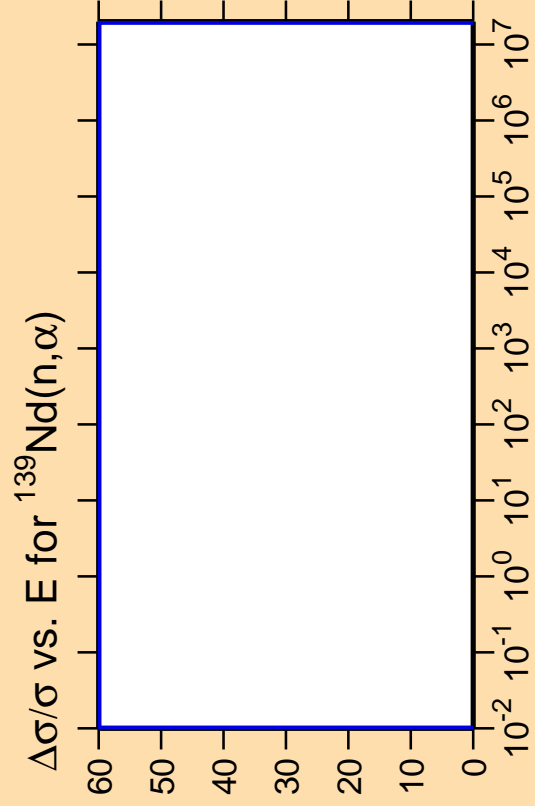
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nonel.})$



Correlation Matrix



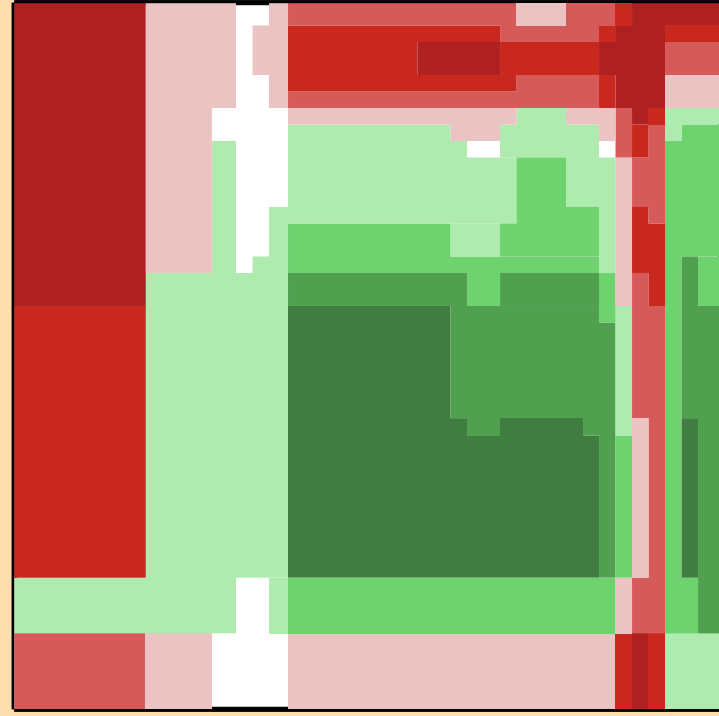
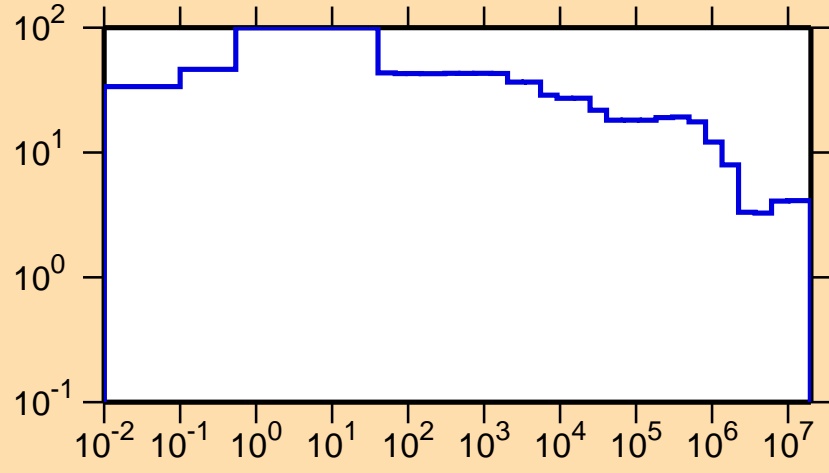


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

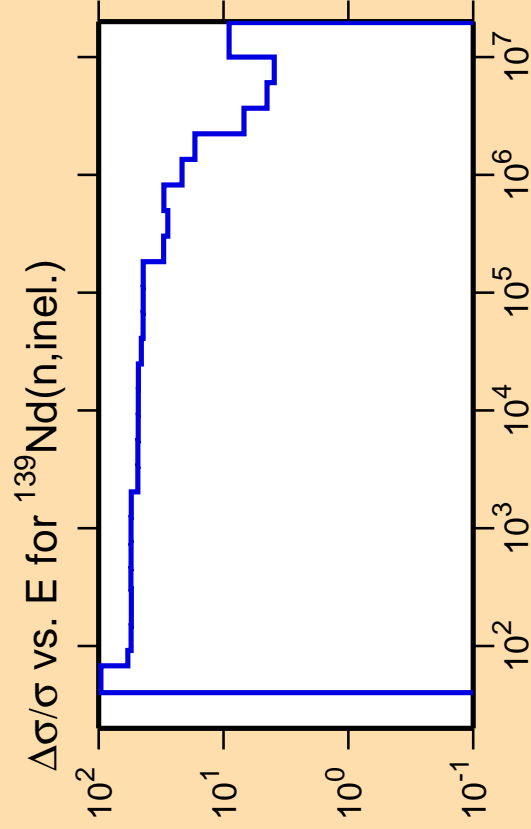
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nonel.})$



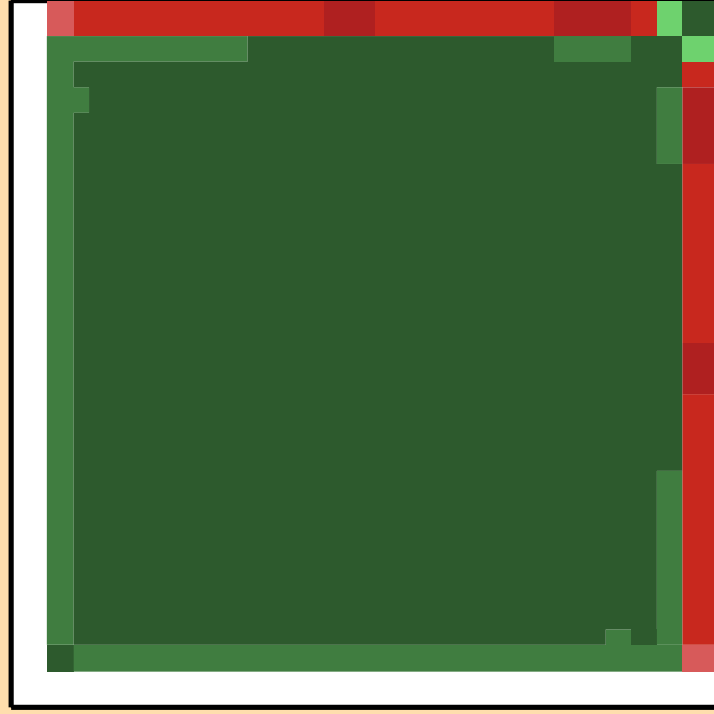
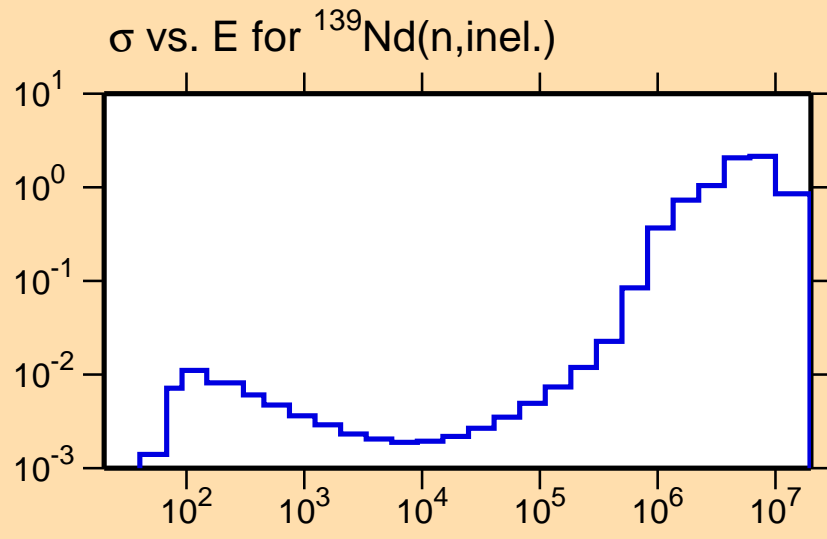
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

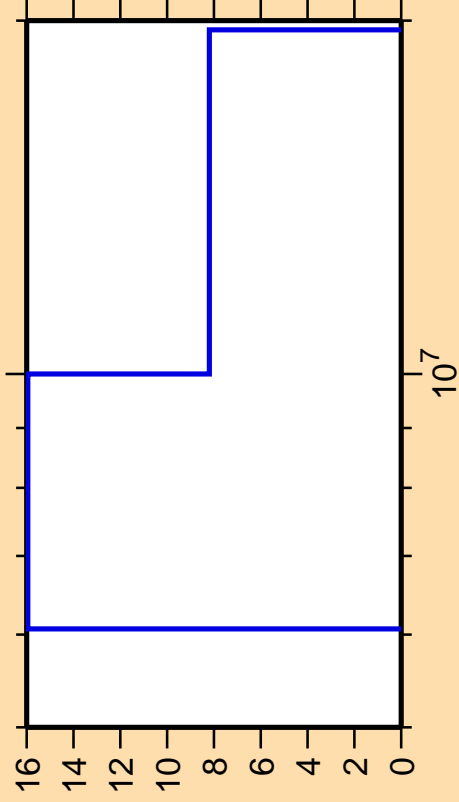
Abscissa scales are energy (eV).



Correlation Matrix



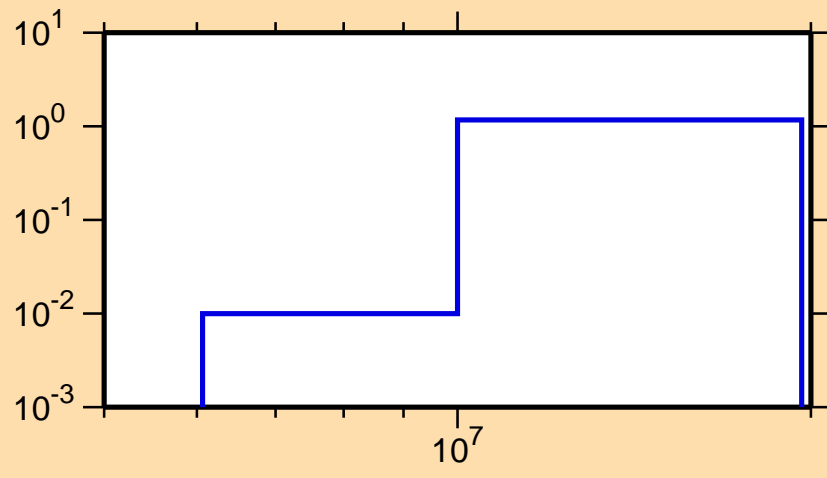
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

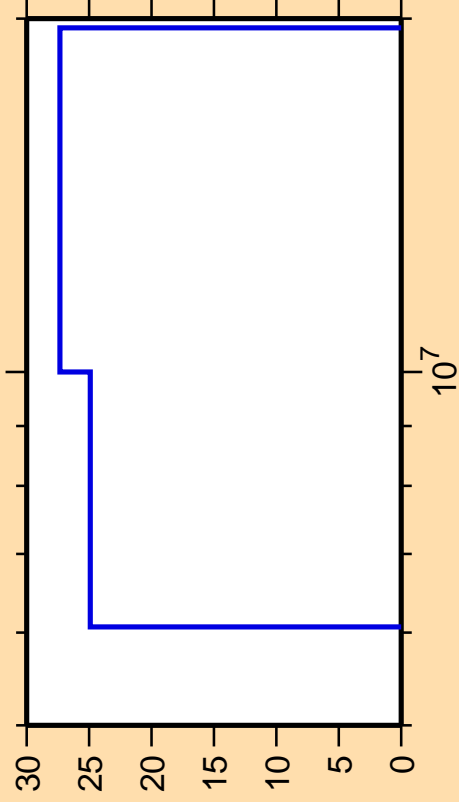
$\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Correlation Matrix



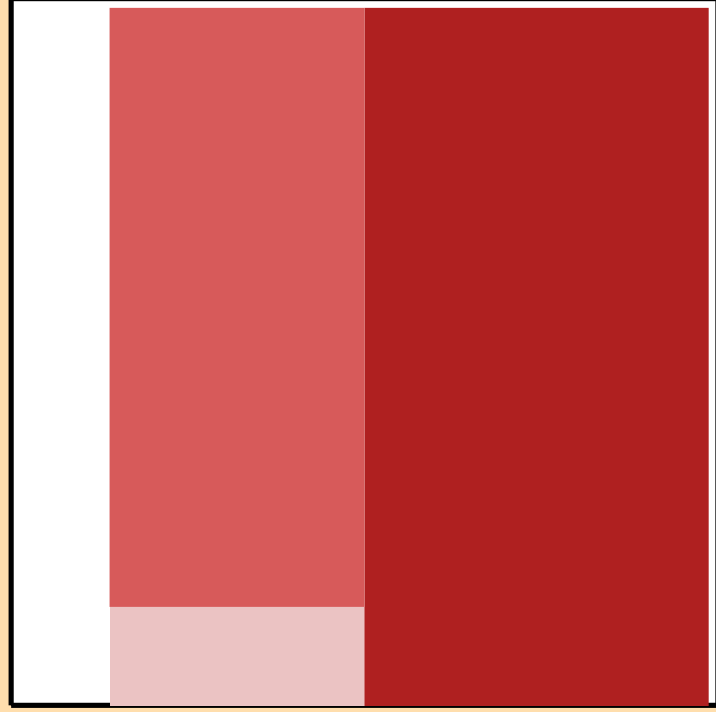
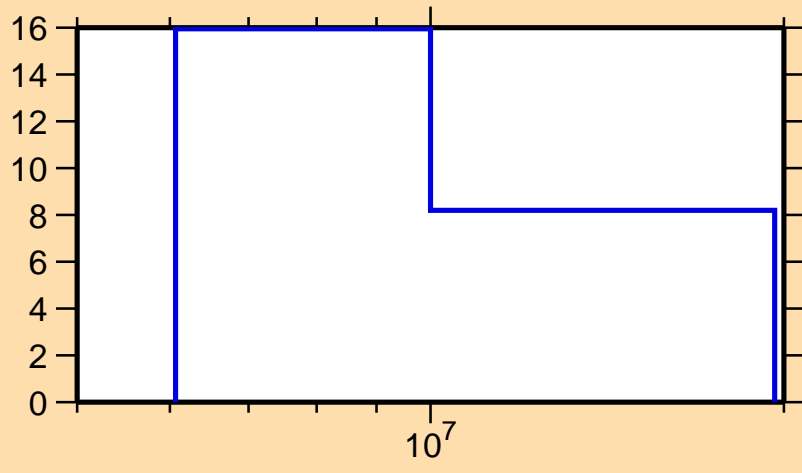
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_1)$



Ordinate scale is %  
relative standard deviation.

Abcissa scales are energy (eV).

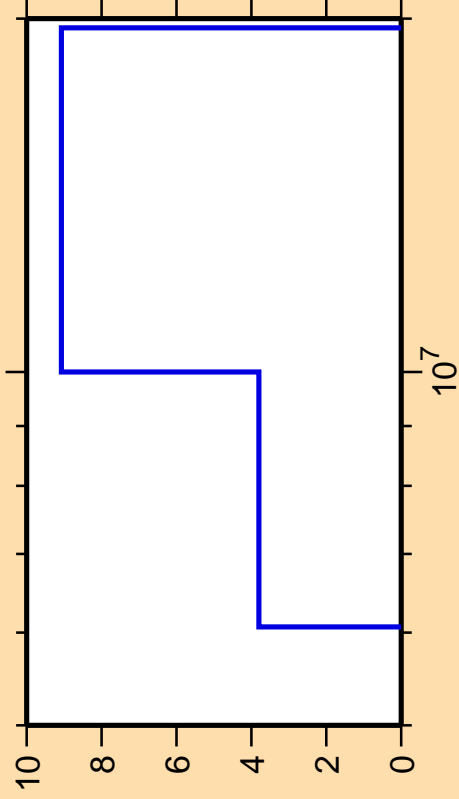
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Correlation Matrix



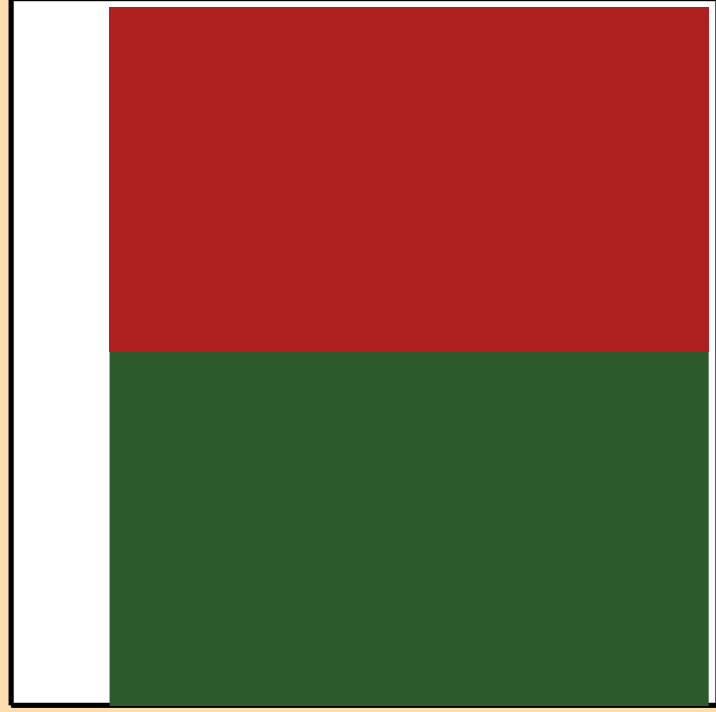
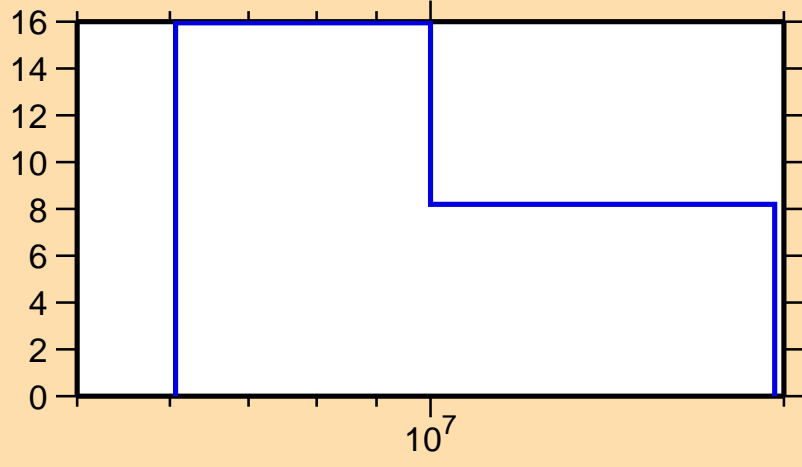
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

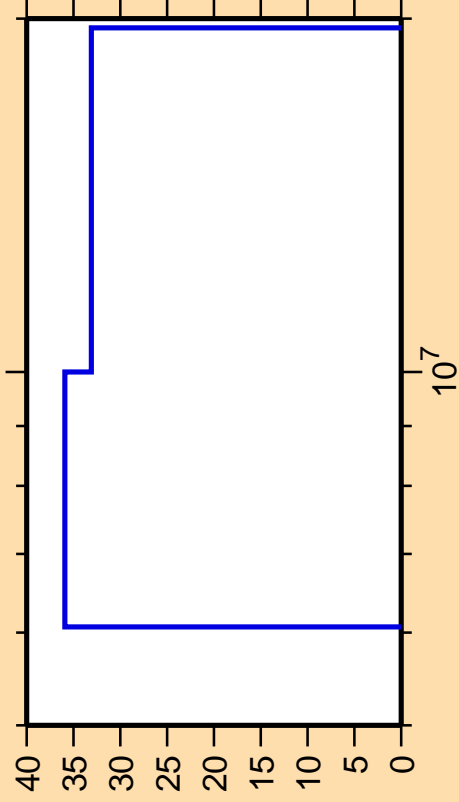
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Correlation Matrix



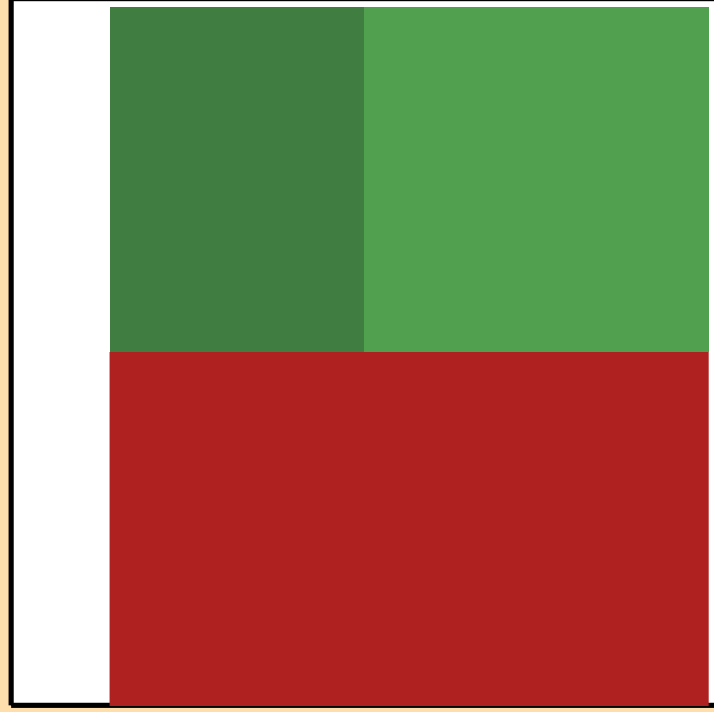
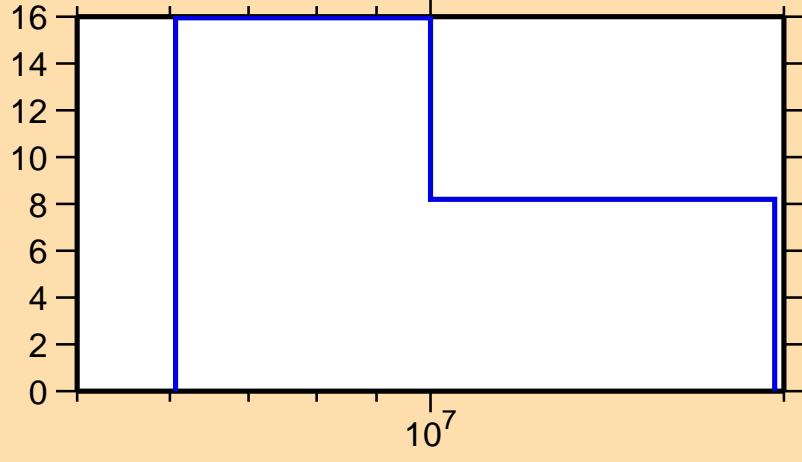
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\gamma)$



Ordinate scale is %  
relative standard deviation.

Abcissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$

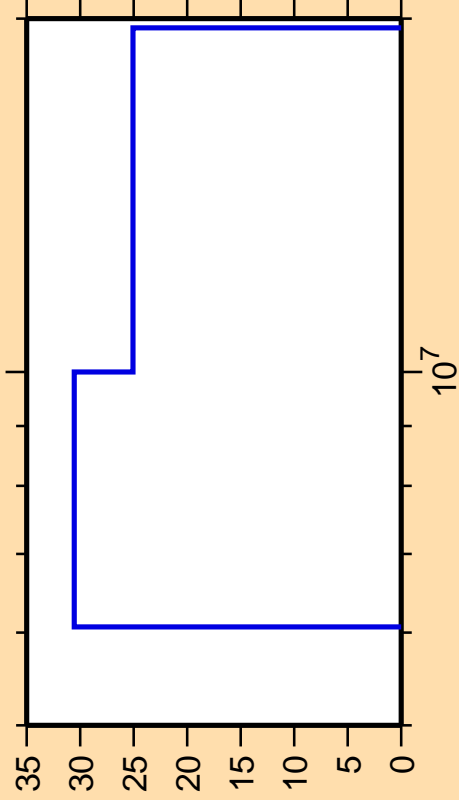


Correlation Matrix





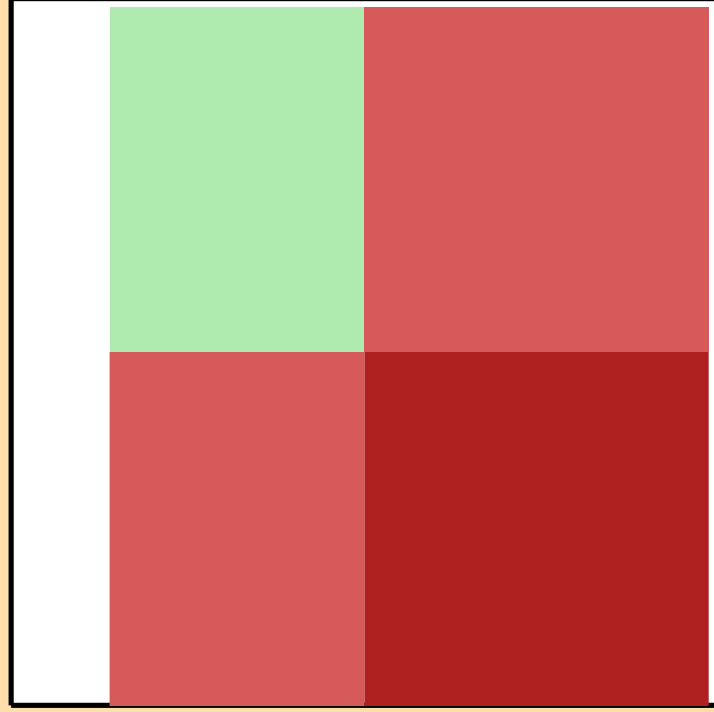
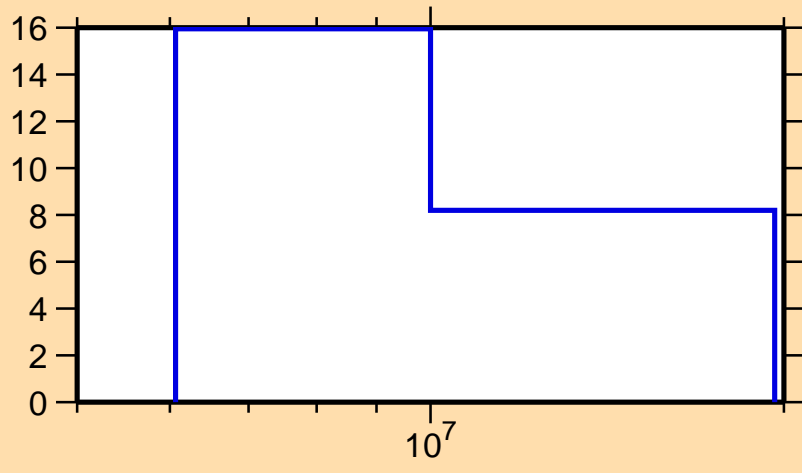
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,p)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\alpha)$

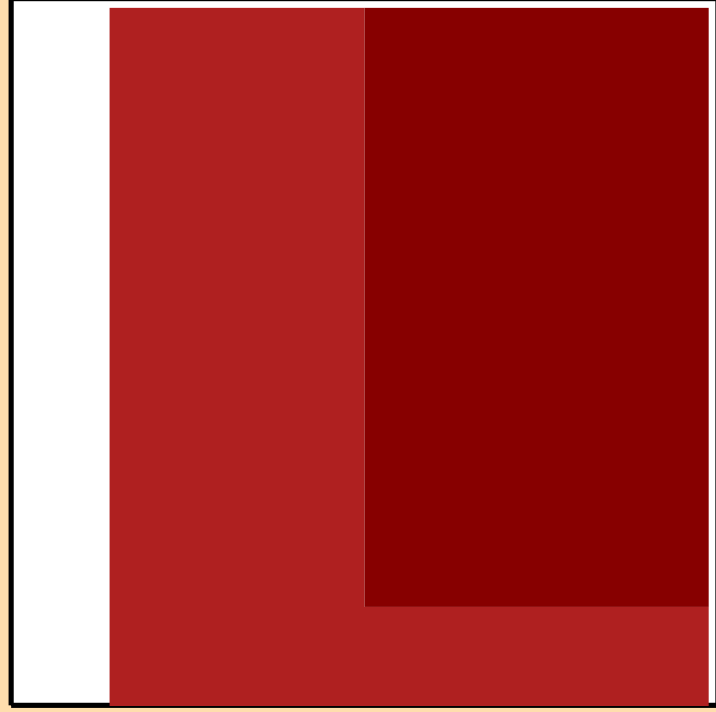
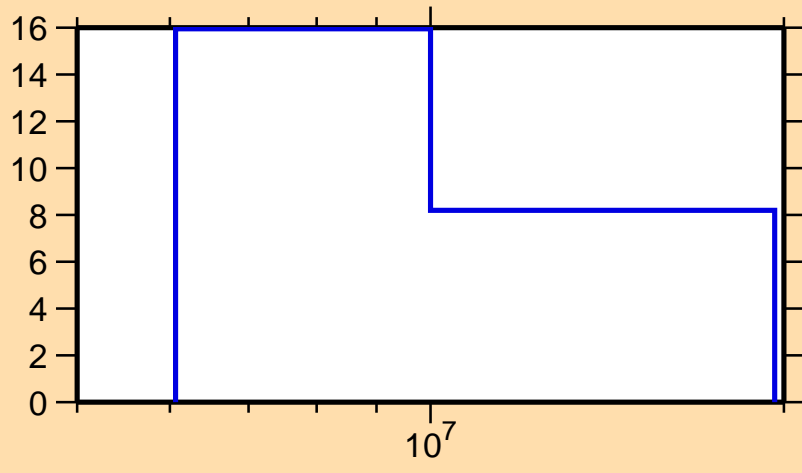


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

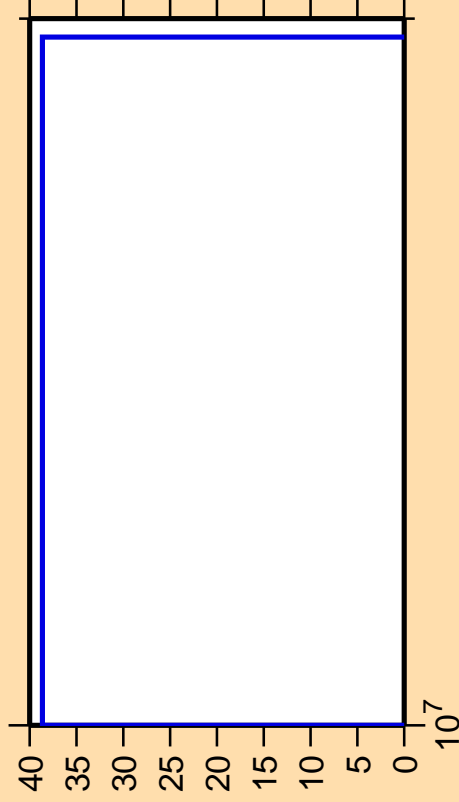
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n)$



Correlation Matrix



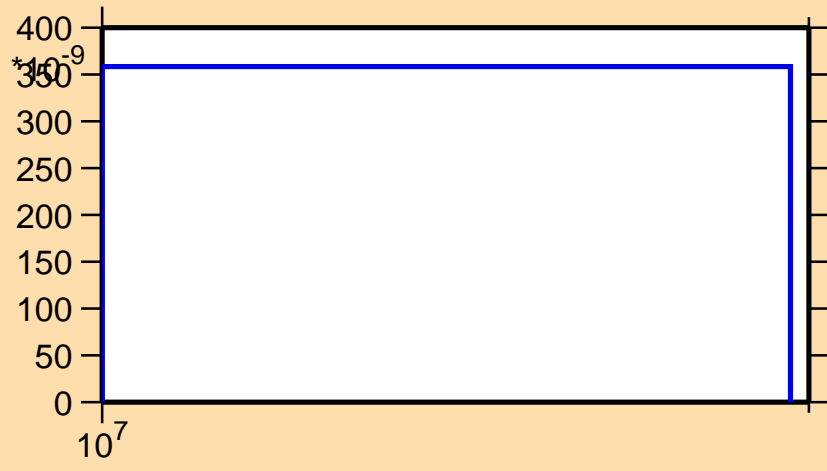
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,3n)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}(n,3n)$

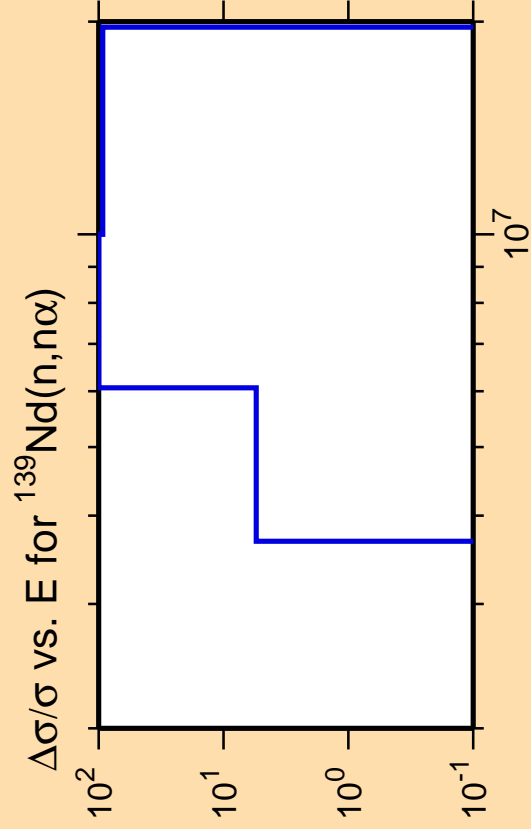


$10^7$



Correlation Matrix

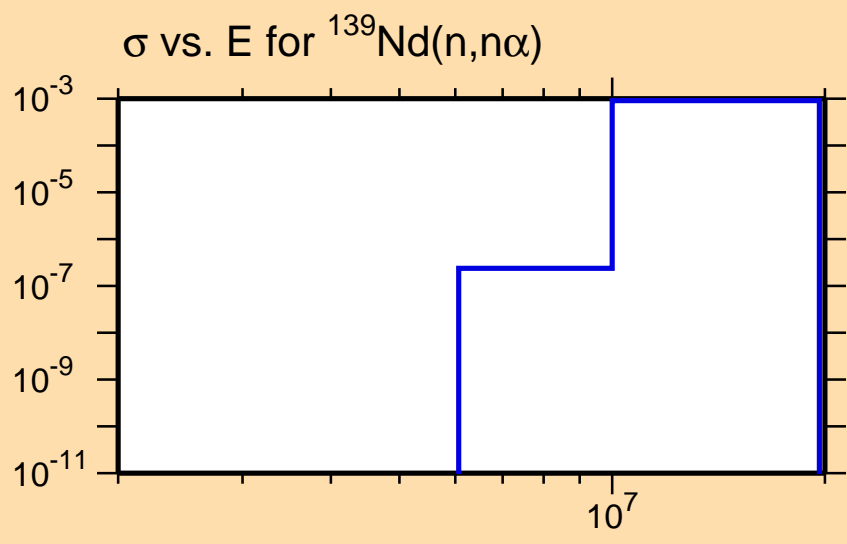




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2n\alpha)$

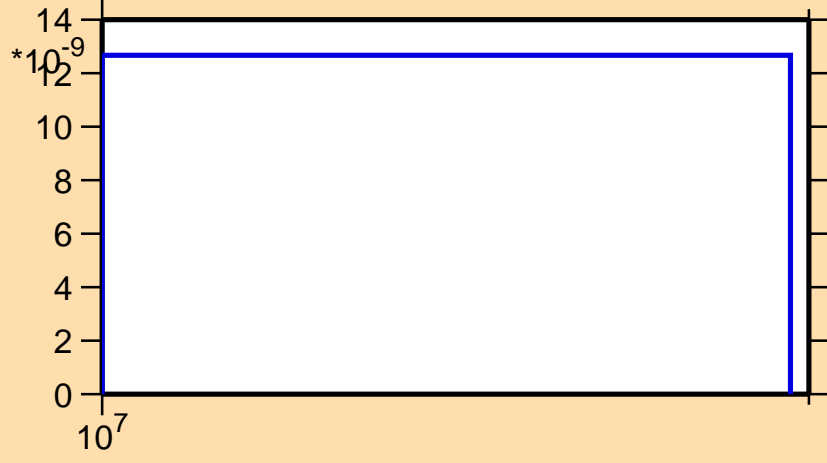


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

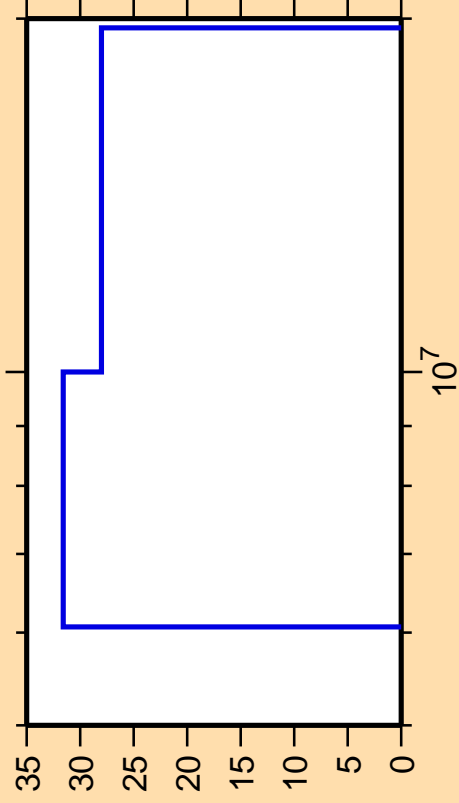
$\sigma$  vs. E for  $^{139}\text{Nd}(n,2n\alpha)$



Correlation Matrix



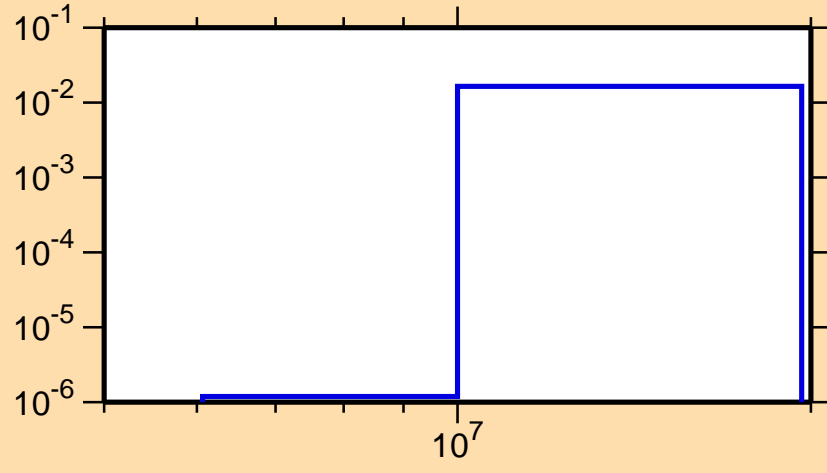
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,np)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}(n,np)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nd})$

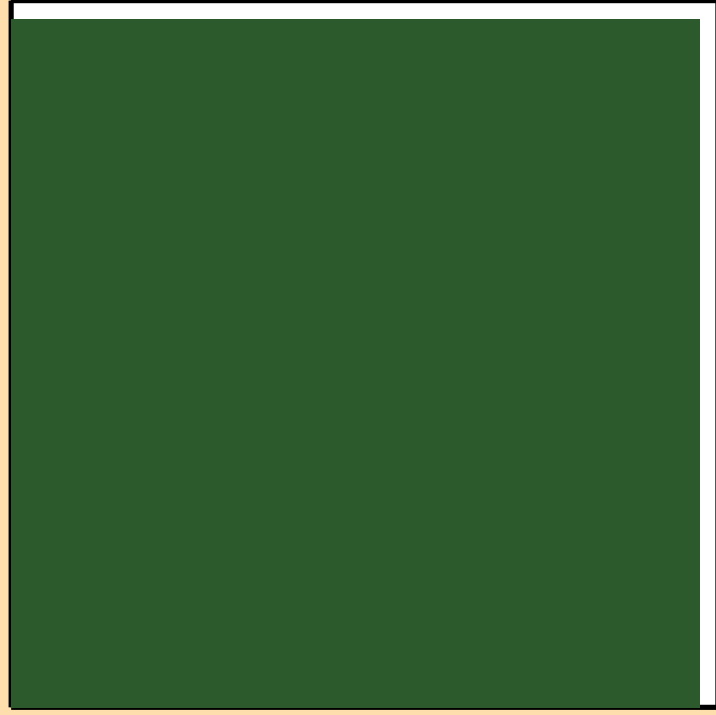


Ordinate scales are % relative standard deviation and barns.

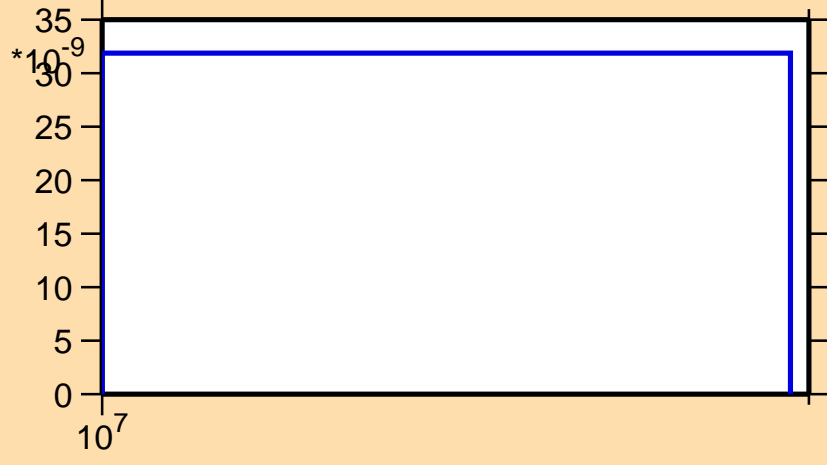
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$10^7$



$\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{nd})$

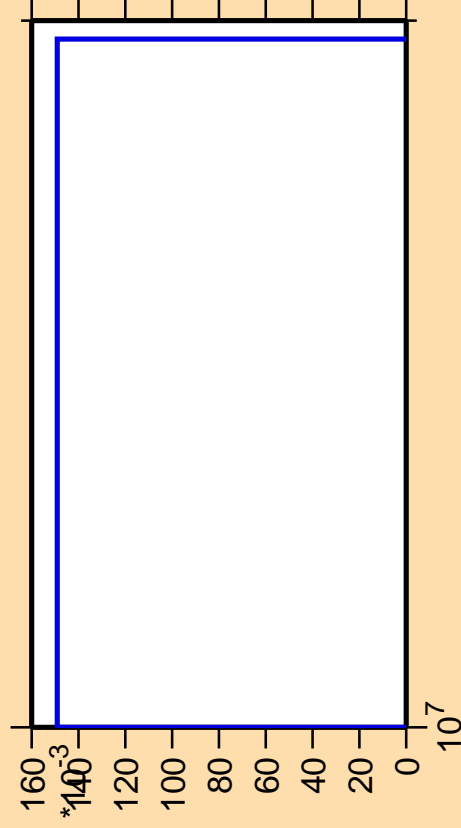


$10^{-9}$

Correlation Matrix



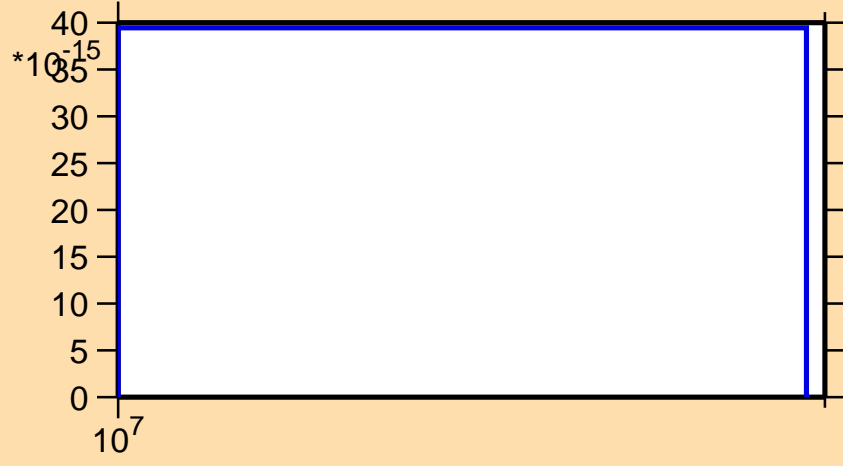
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,nt)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}(n,nt)$

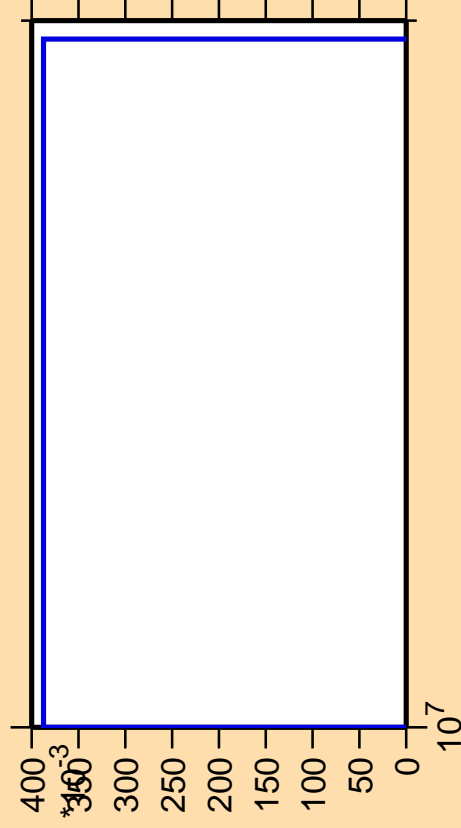


Correlation Matrix





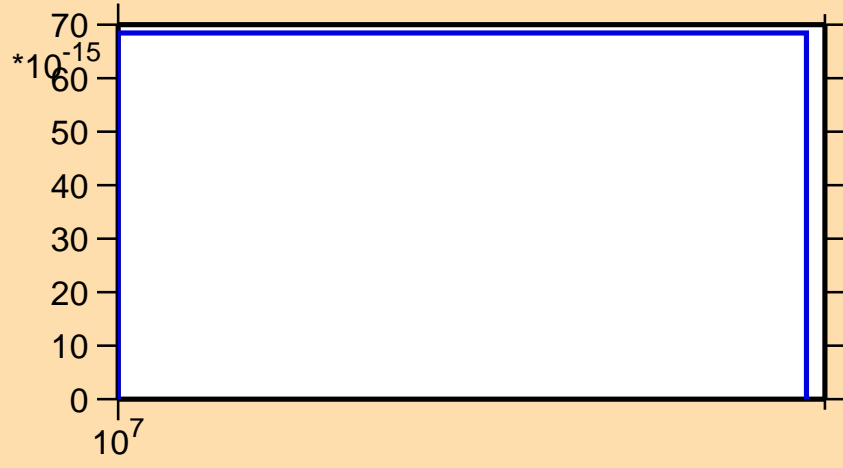
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}$ (mt 34)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}$ (mt 34)



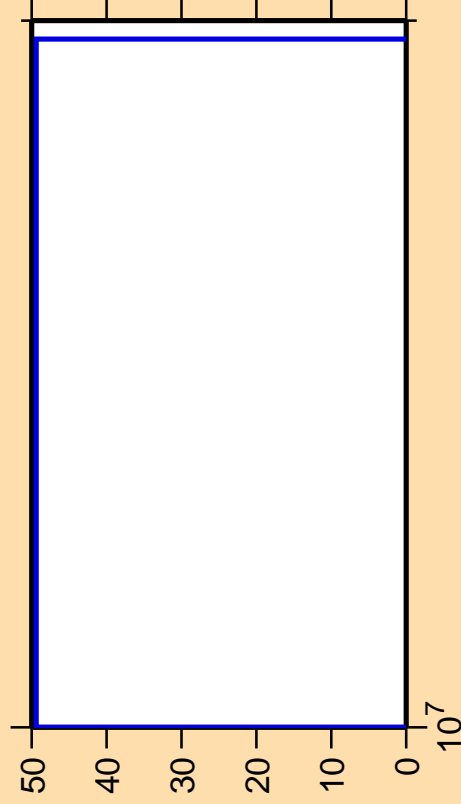
$10^7$



Correlation Matrix



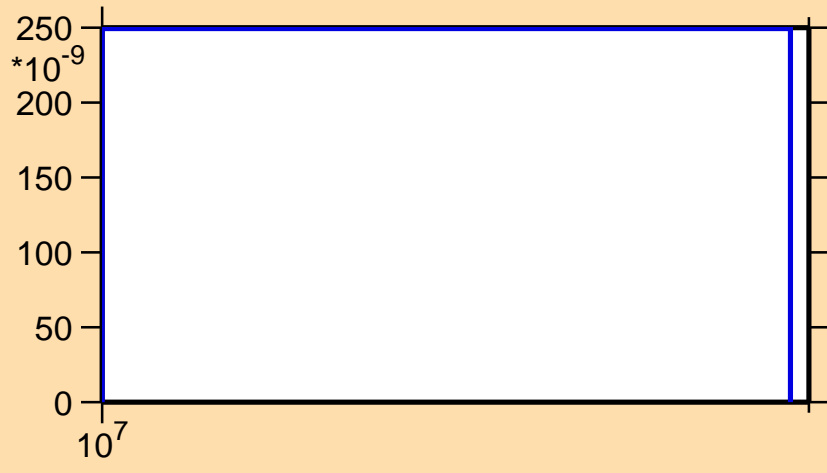
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,2np)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

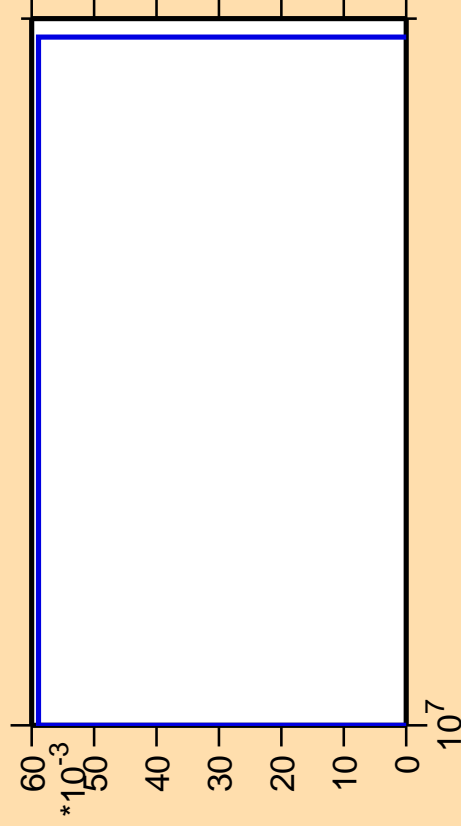
$\sigma$  vs. E for  $^{139}\text{Nd}(n,2np)$



Correlation Matrix



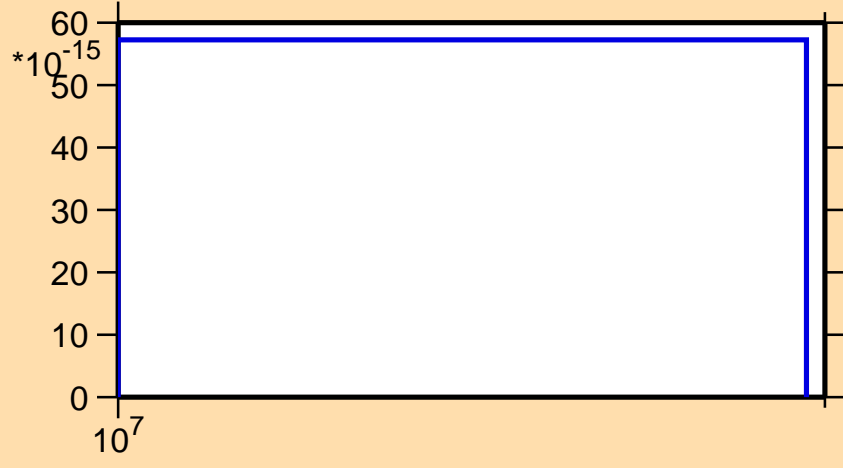
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}$ (mt 45)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}$ (mt 45)



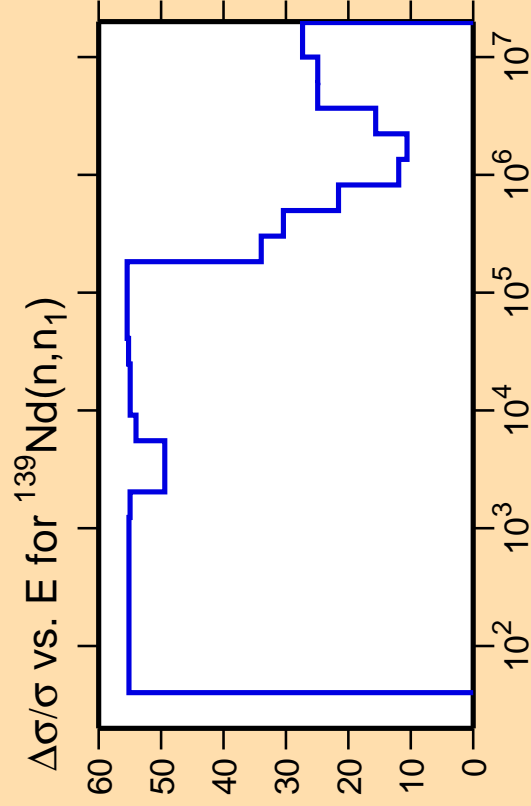
$10^7$

$10^7$



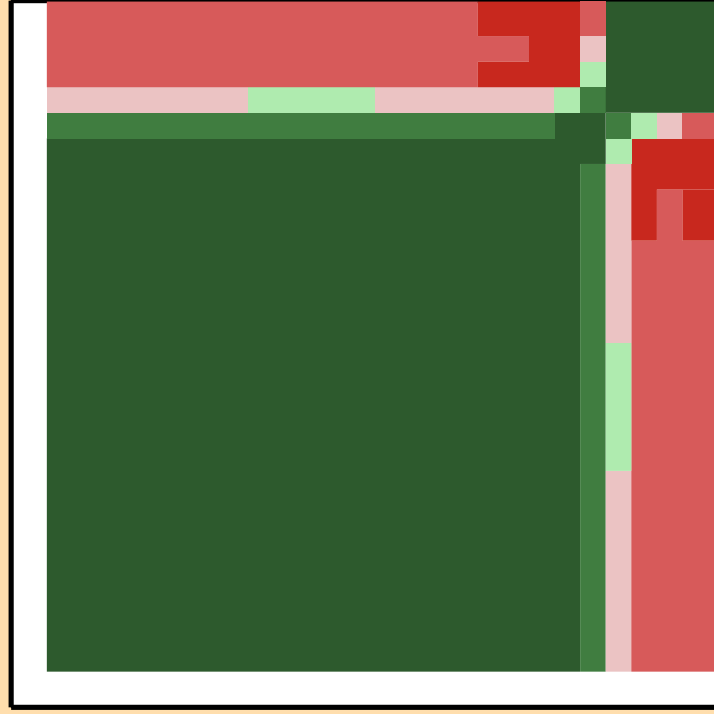
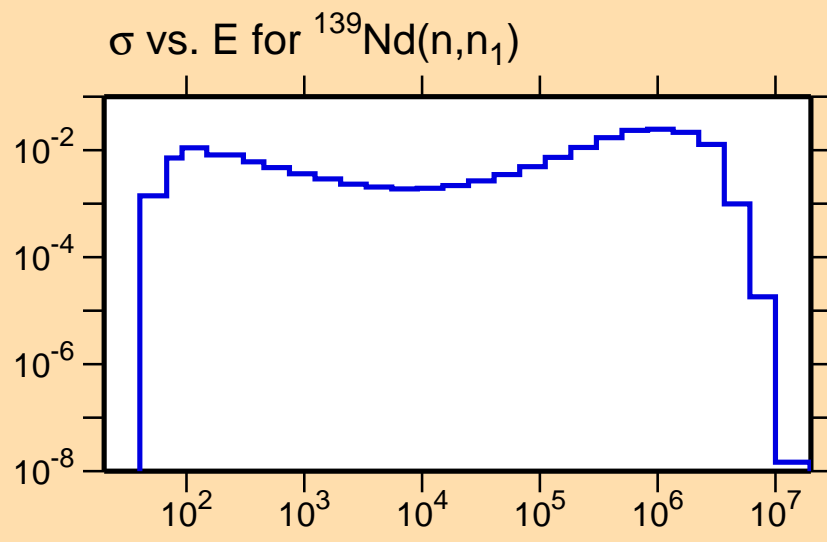
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

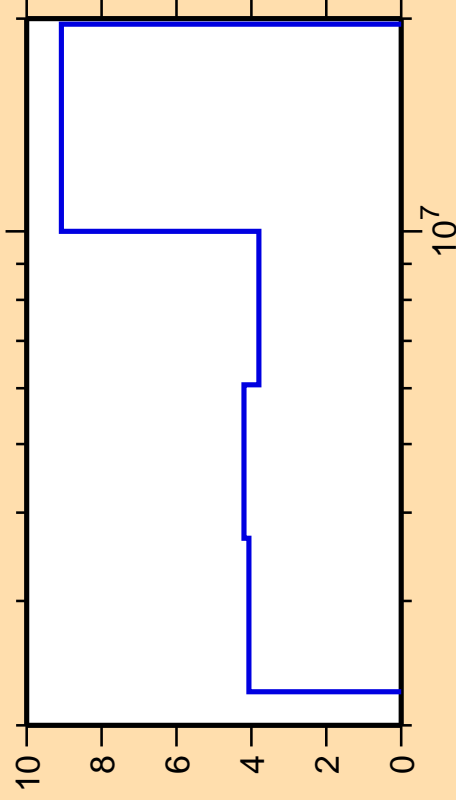
Abscissa scales are energy (eV).



Correlation Matrix



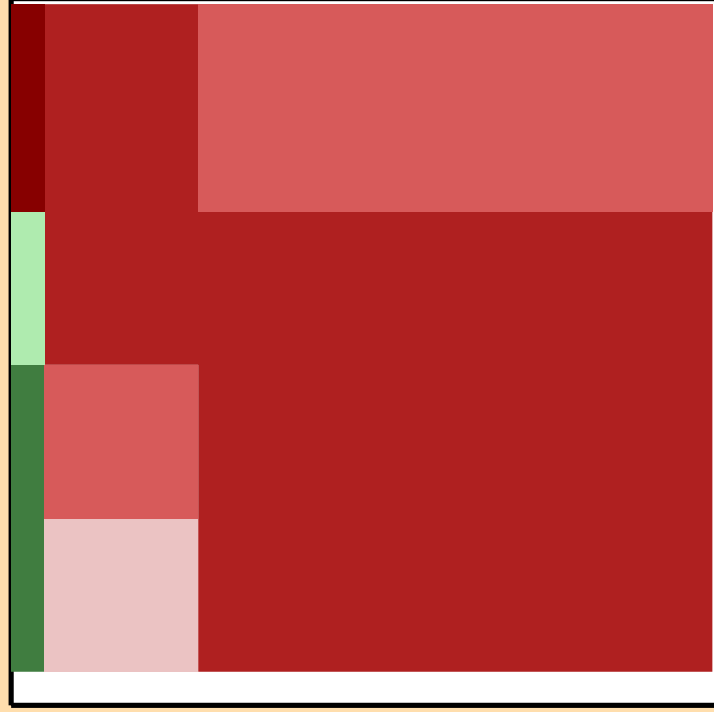
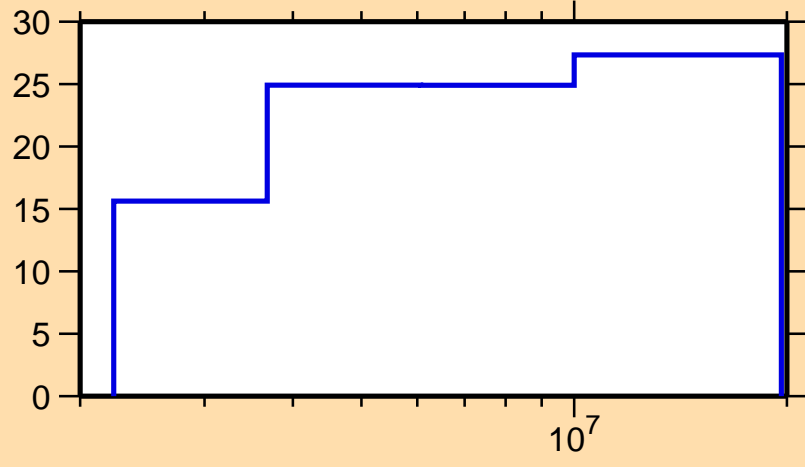
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_{\text{cont}})$ .



Ordinate scale is %  
relative standard deviation.

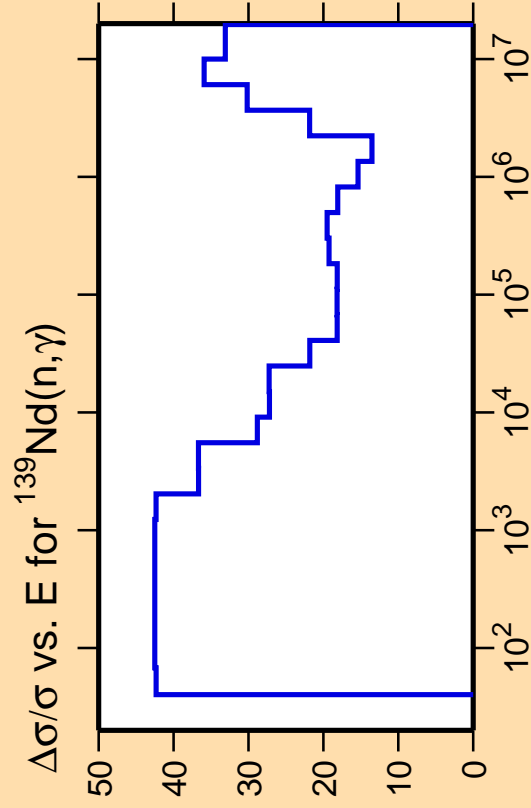
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_1)$



Correlation Matrix

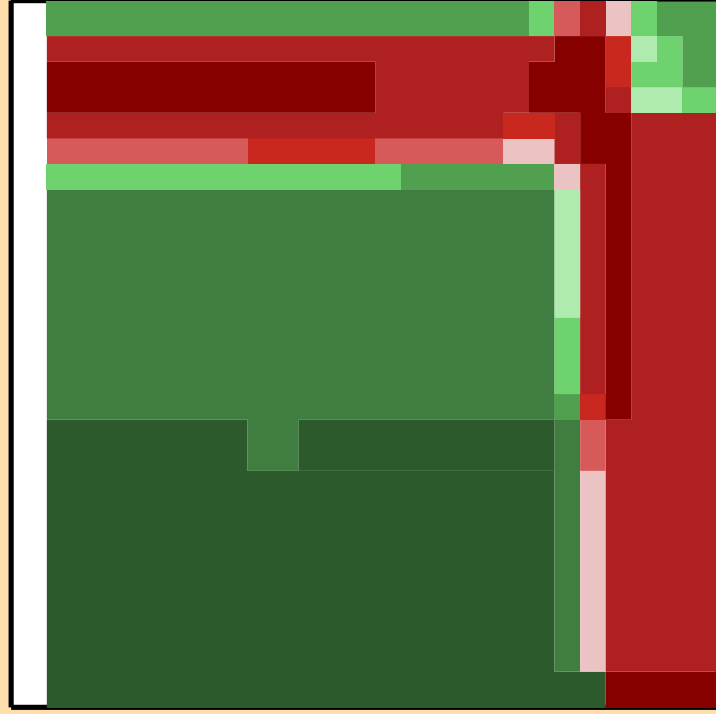
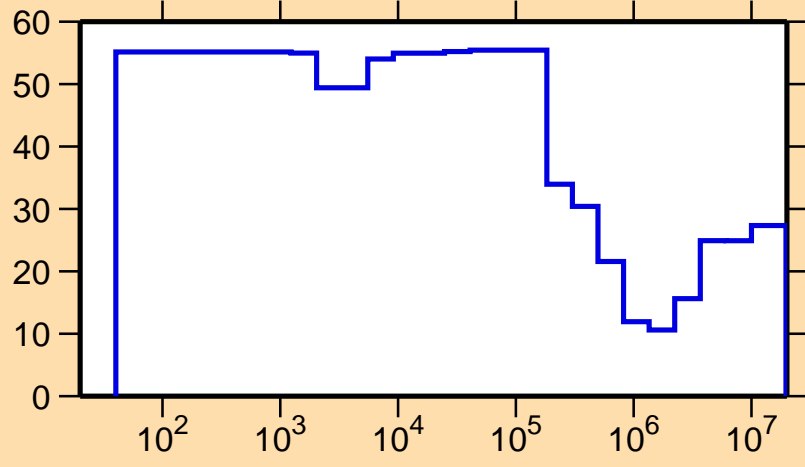




Ordinate scale is %  
relative standard deviation.

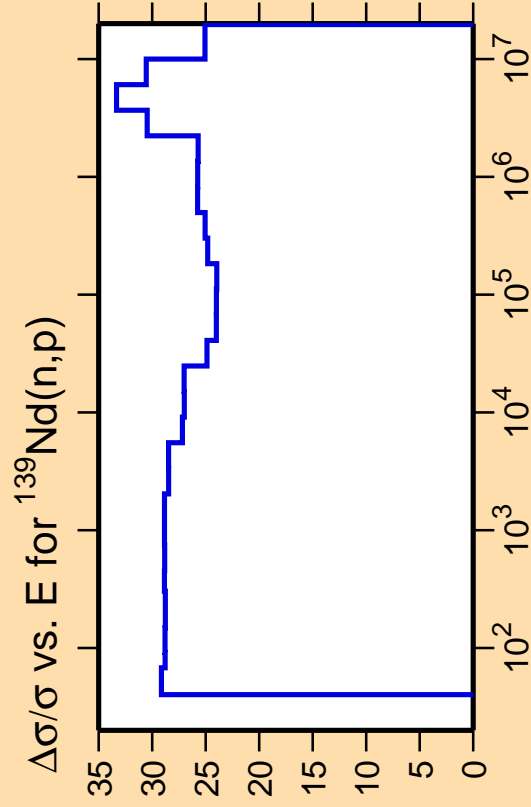
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_1)$



Correlation Matrix

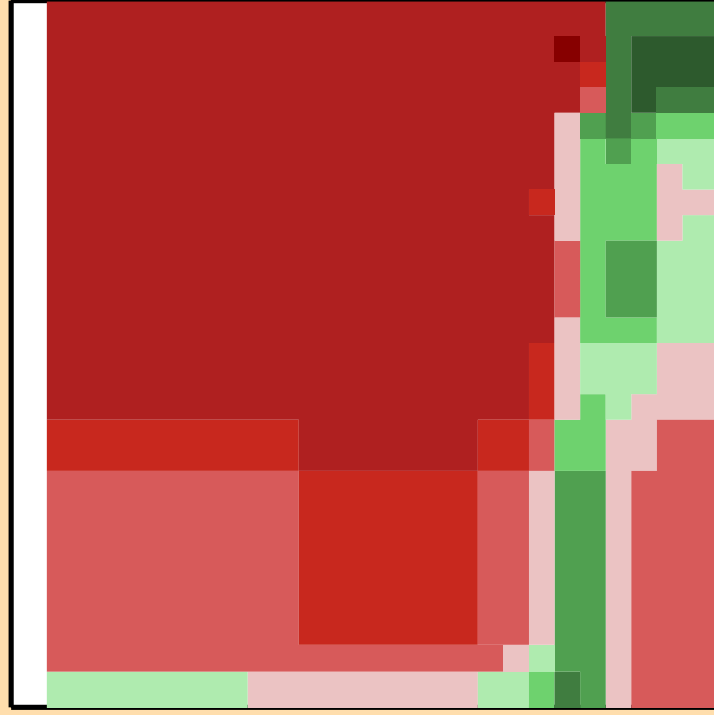
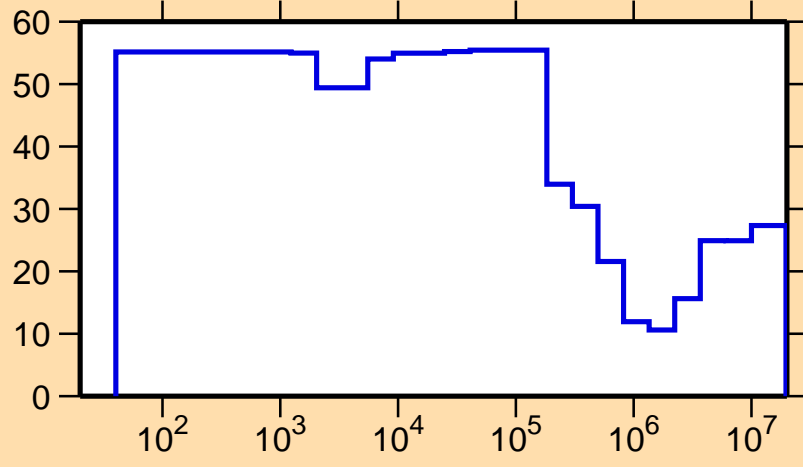




Ordinate scale is %  
relative standard deviation.

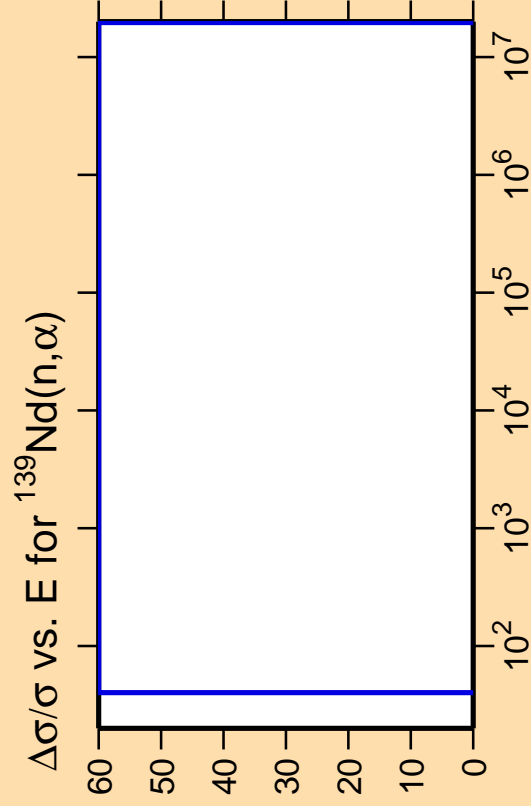
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_1)$



Correlation Matrix



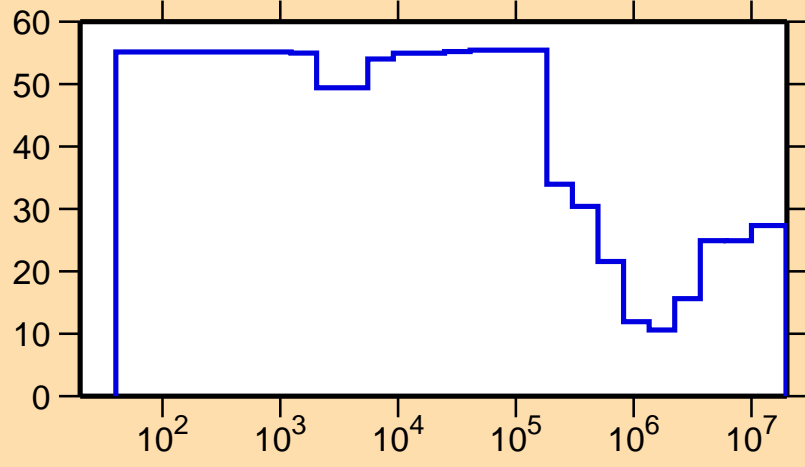


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

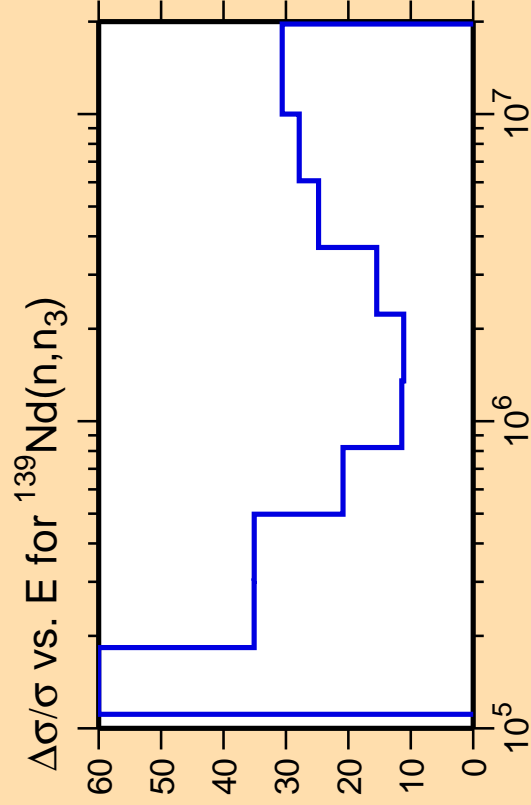
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n_1)$



Correlation Matrix



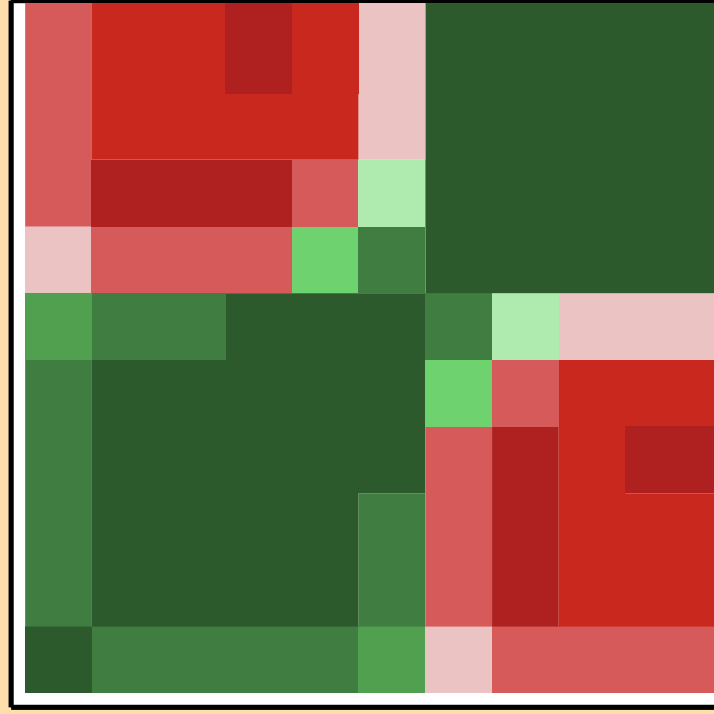
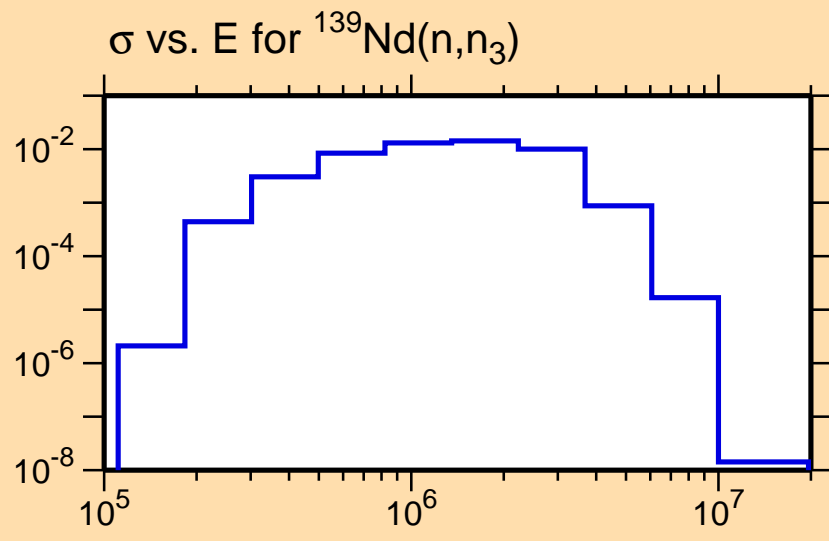


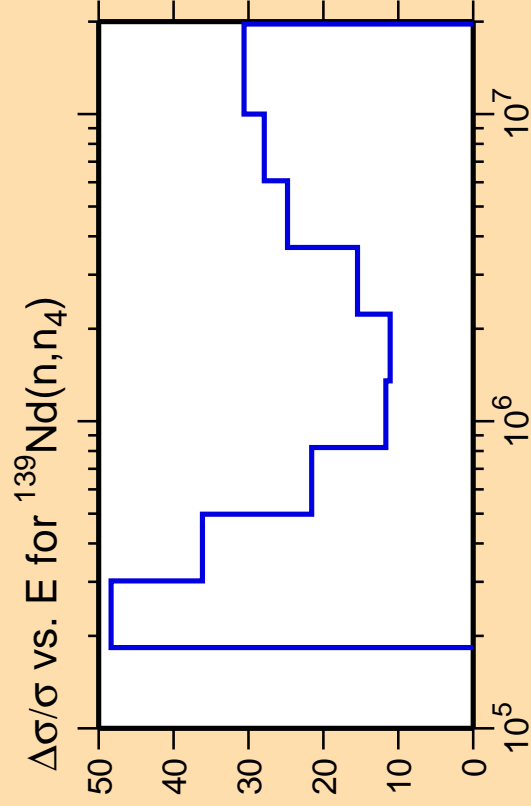


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

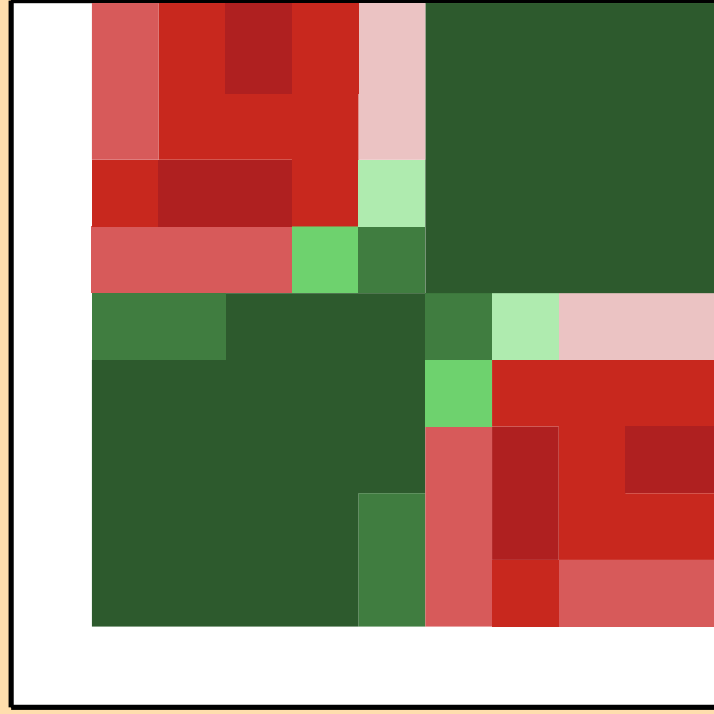
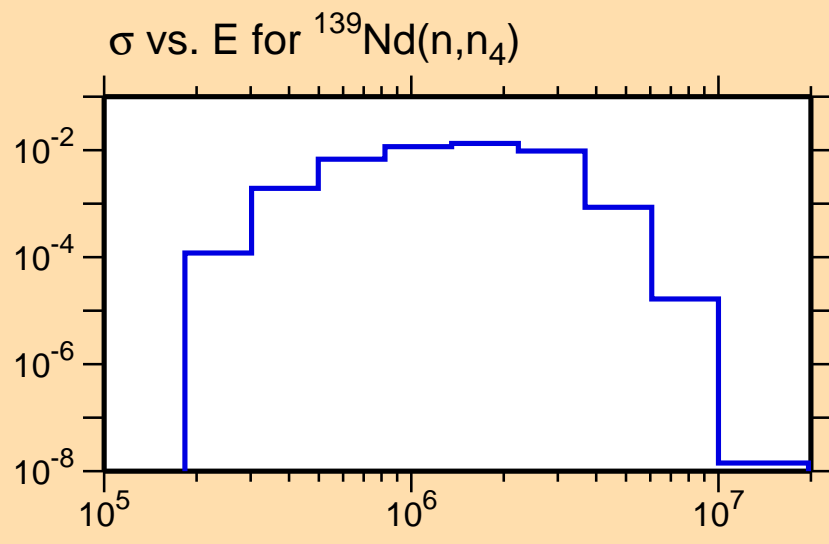
Warning: some uncertainty data were suppressed.





Ordinate scales are % relative standard deviation and barns.

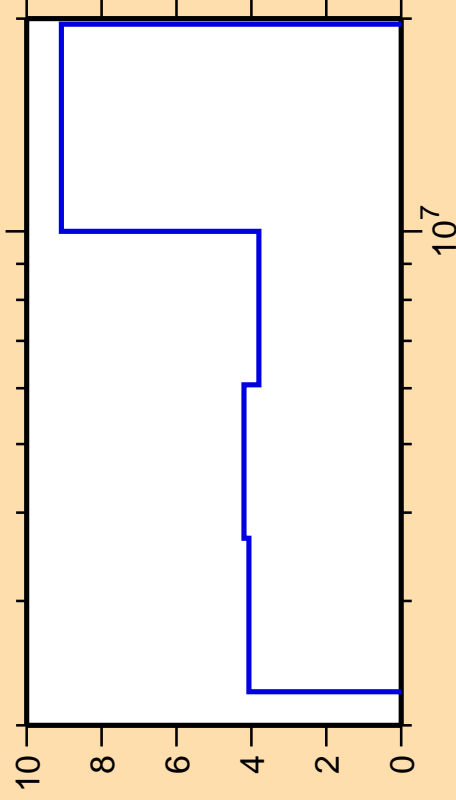
Abscissa scales are energy (eV).



Correlation Matrix



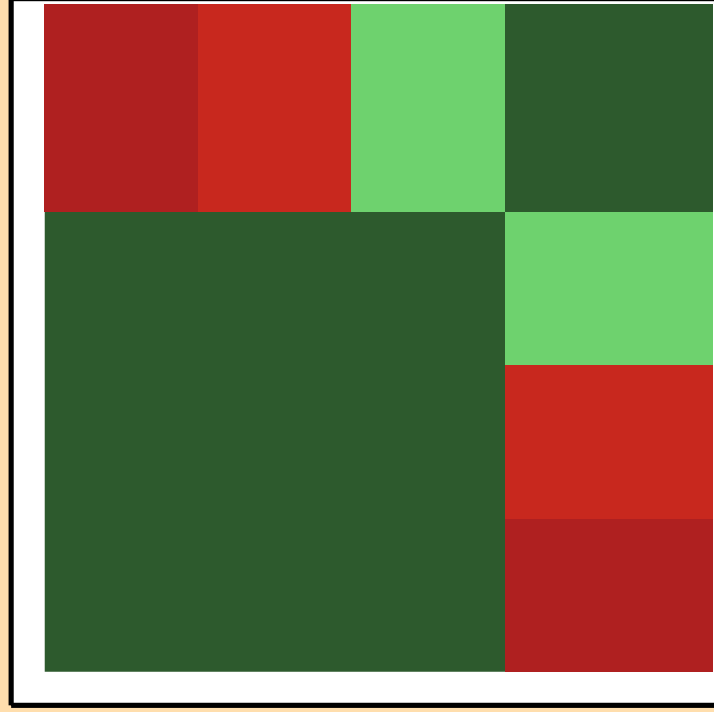
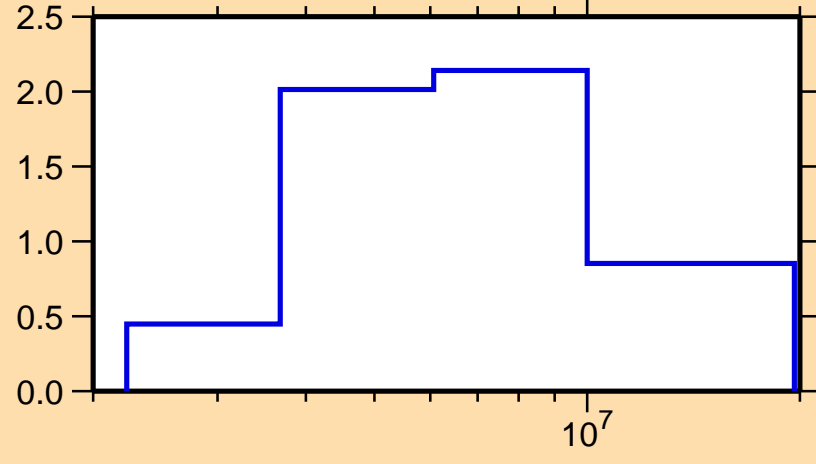
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Ordinate scales are % relative standard deviation and barns.

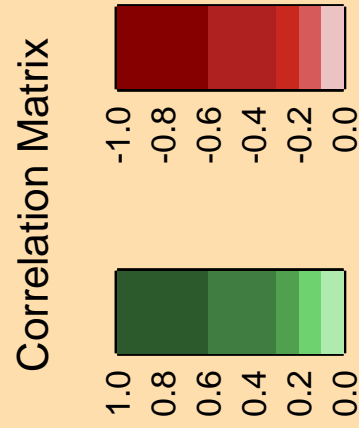
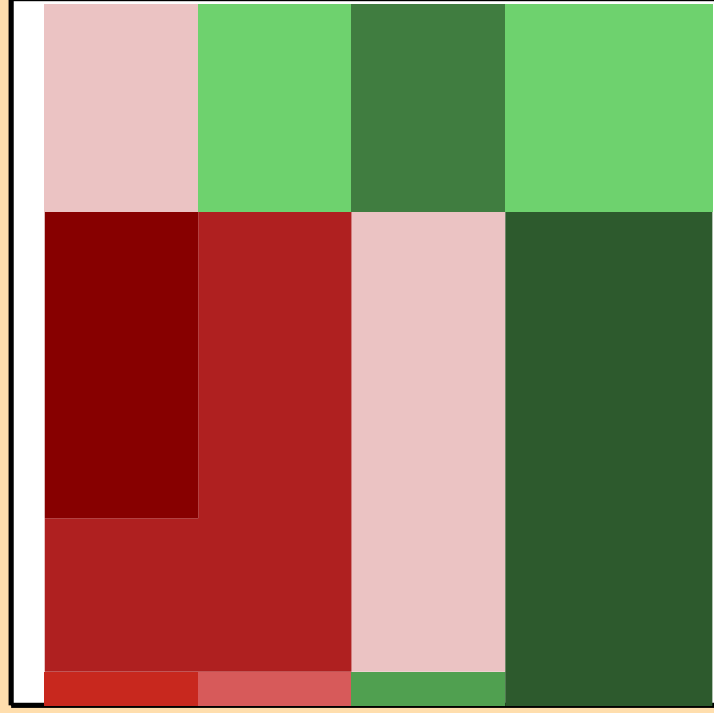
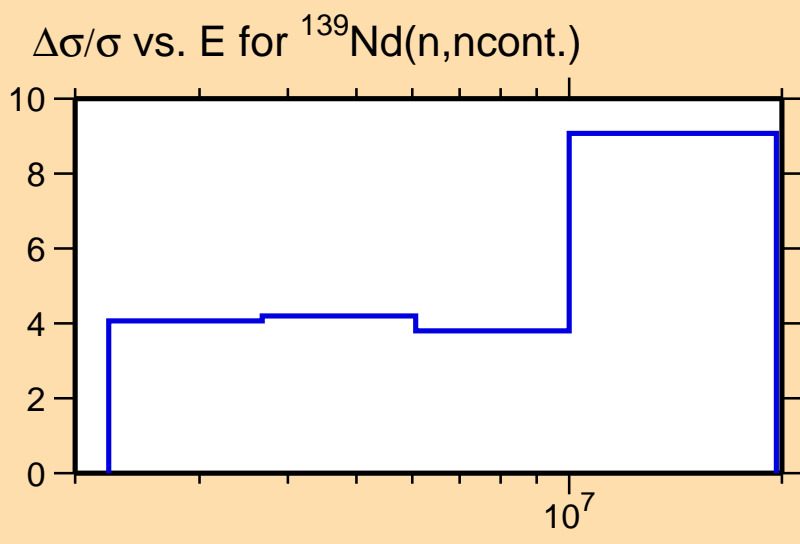
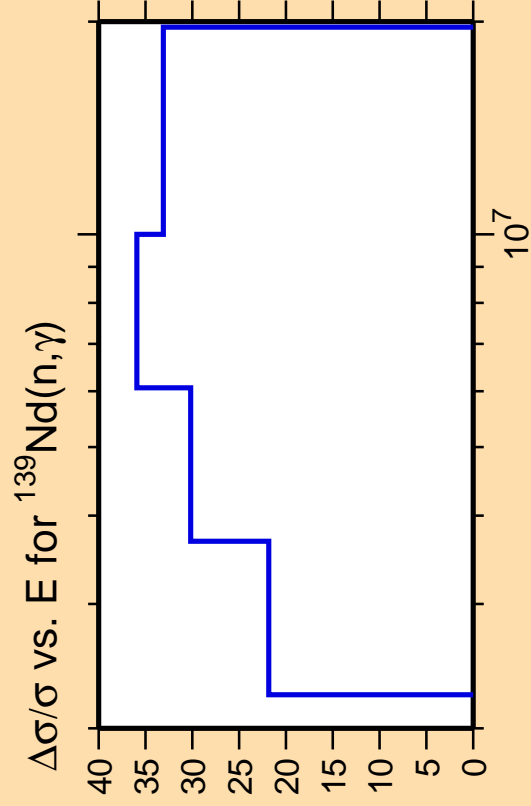
Abscissa scales are energy (eV).

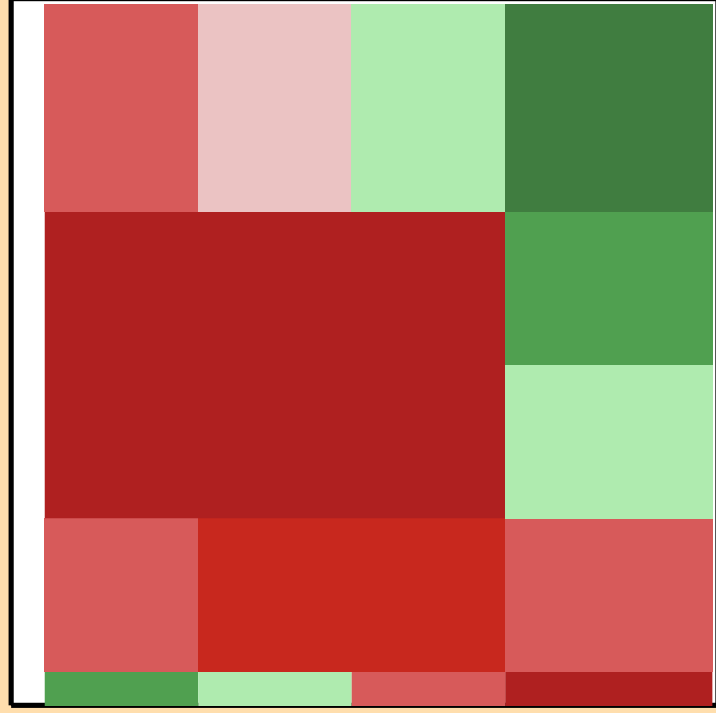
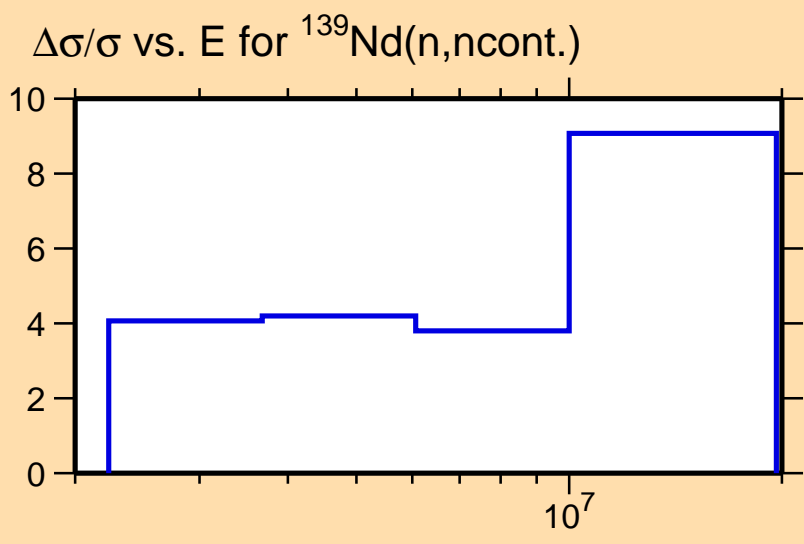
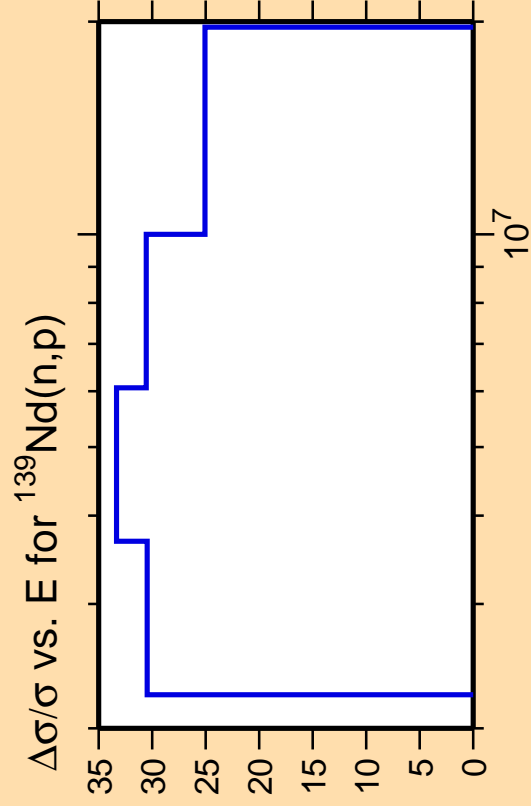
$\sigma$  vs. E for  $^{139}\text{Nd}(n,n\text{cont.})$



Correlation Matrix

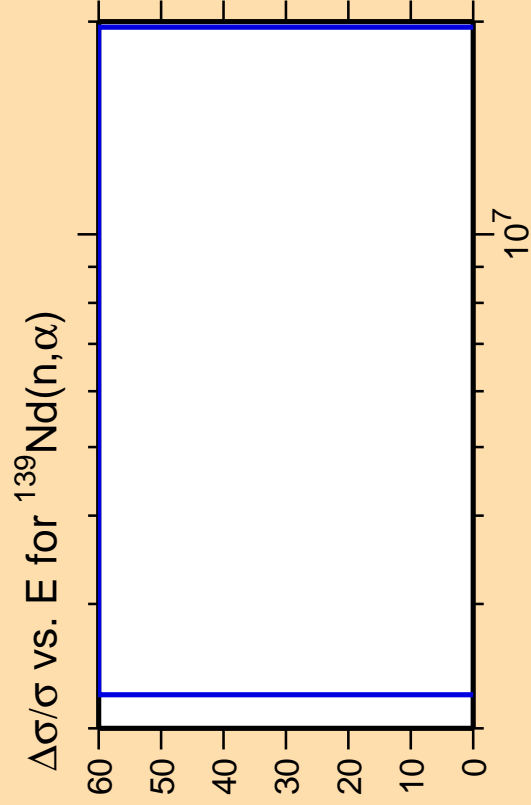






Correlation Matrix

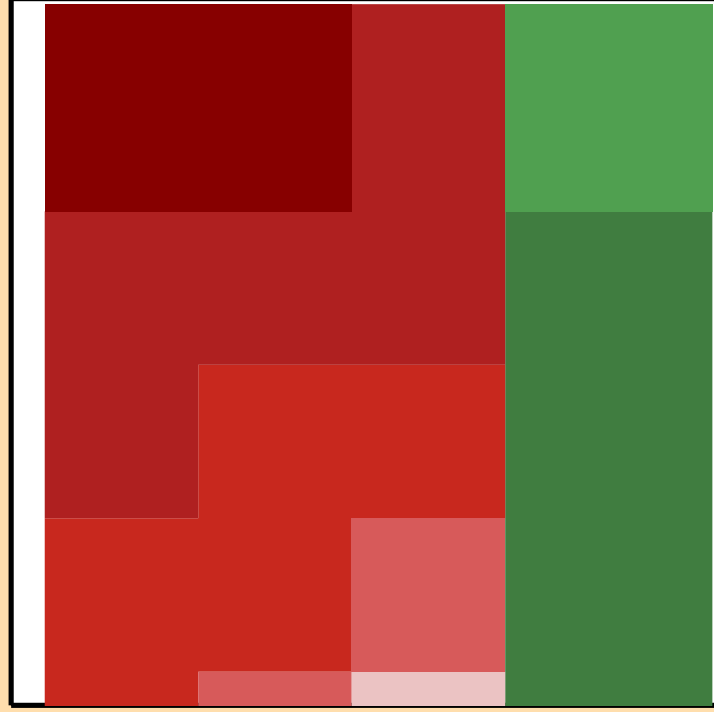
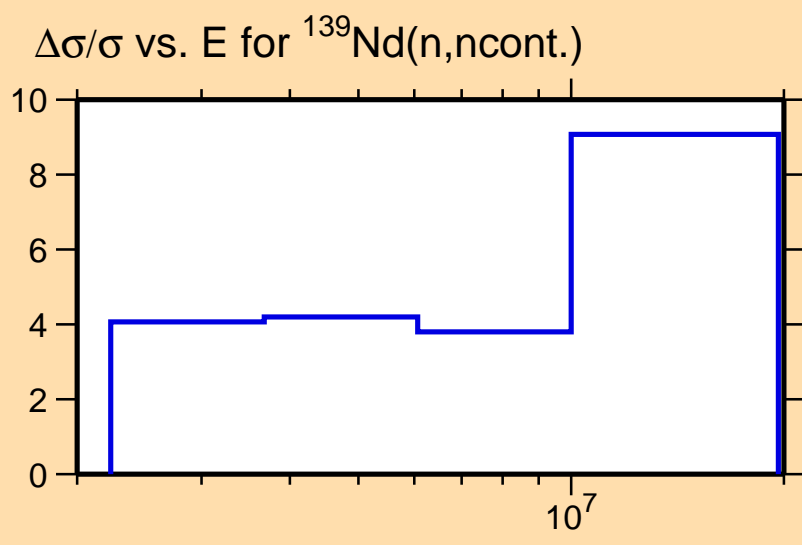




Ordinate scale is %  
relative standard deviation.

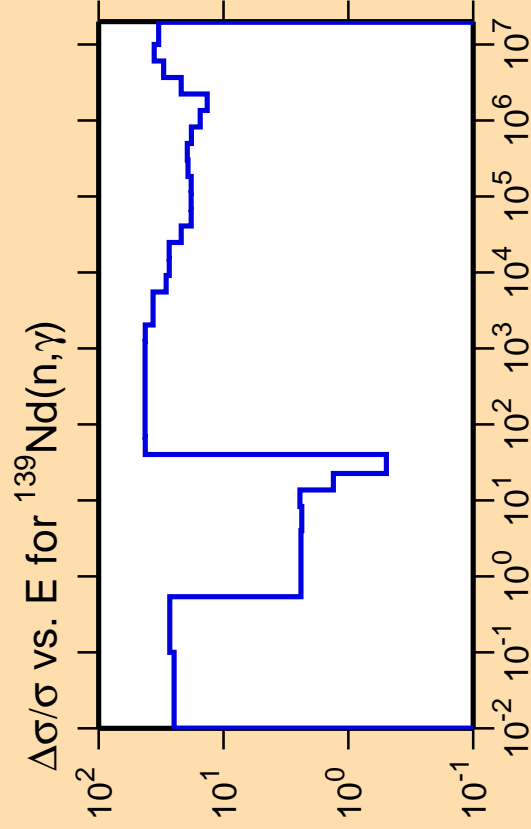
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



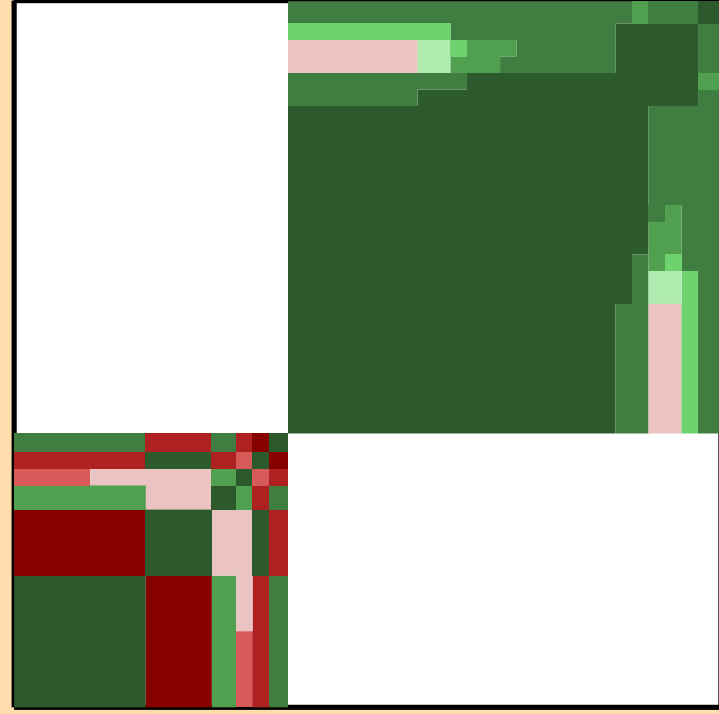
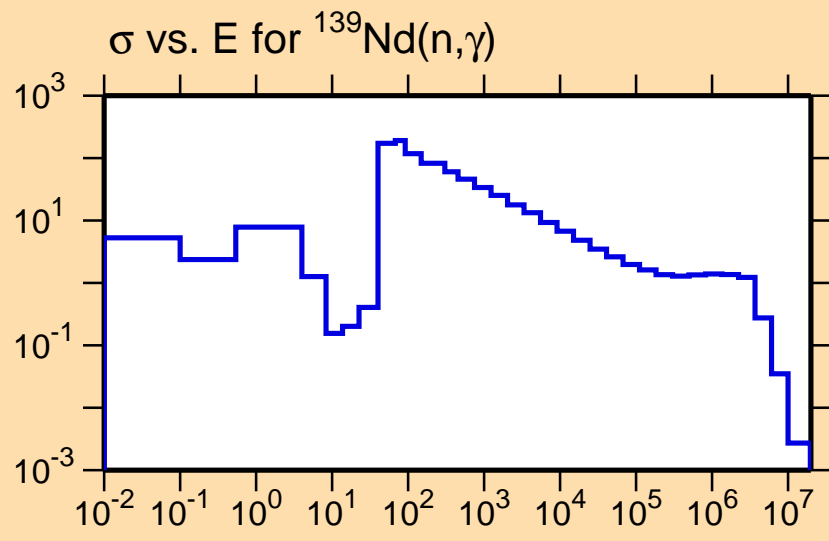
Correlation Matrix





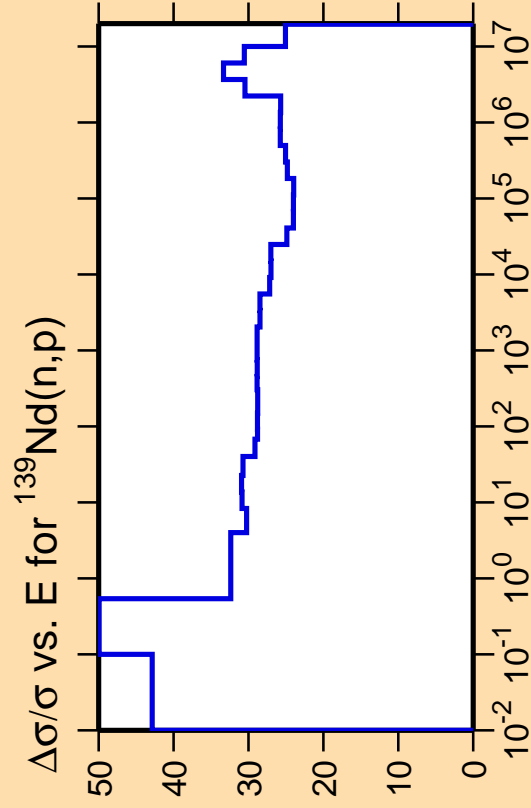
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

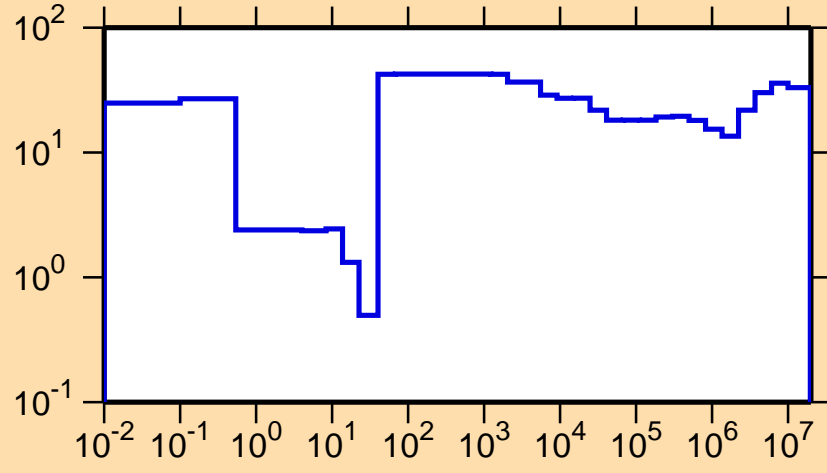




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

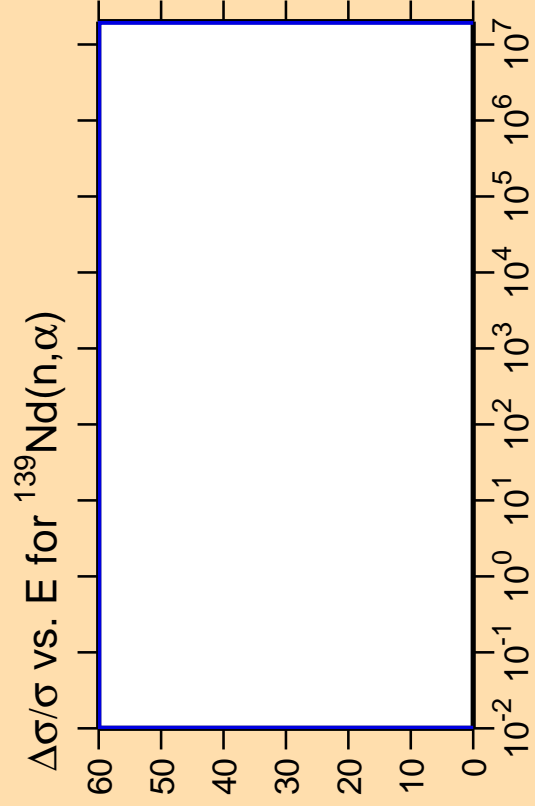
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\gamma)$



Correlation Matrix





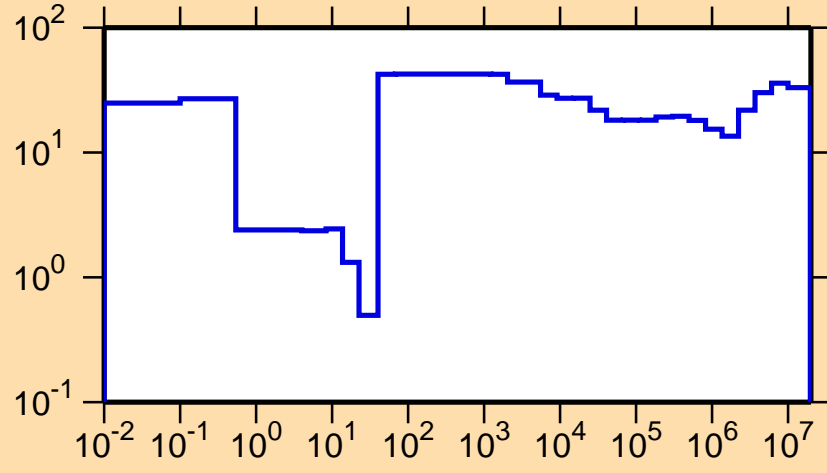


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

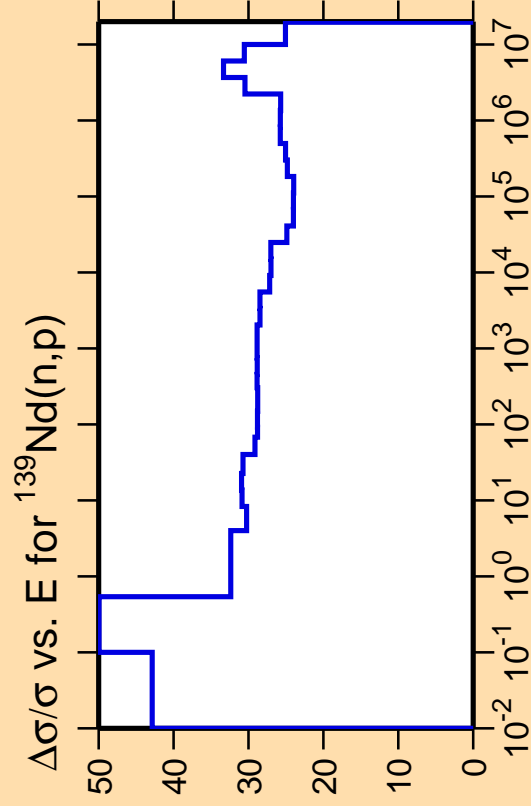
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\gamma)$



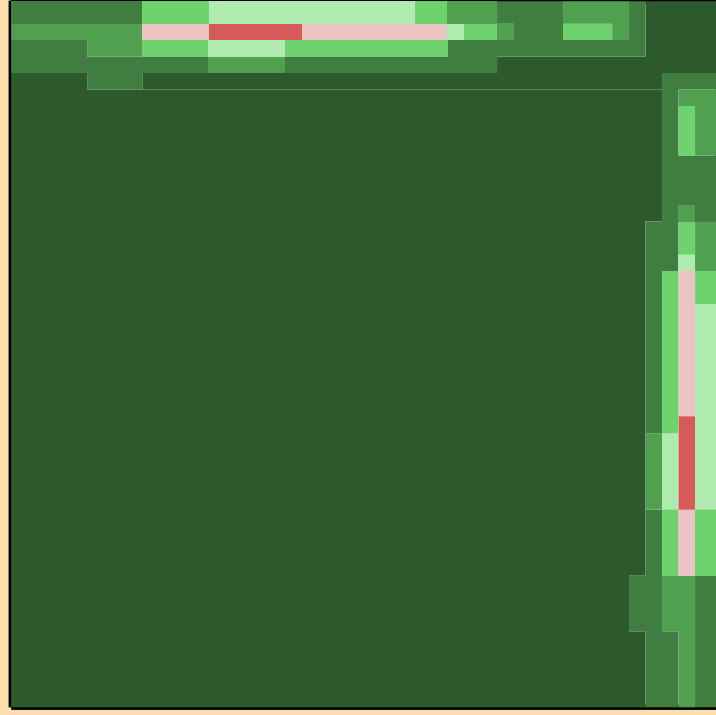
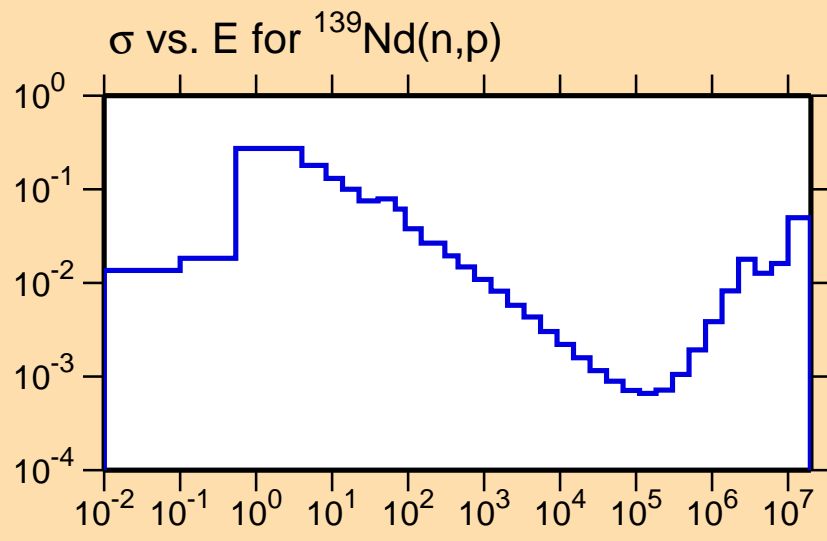
Correlation Matrix





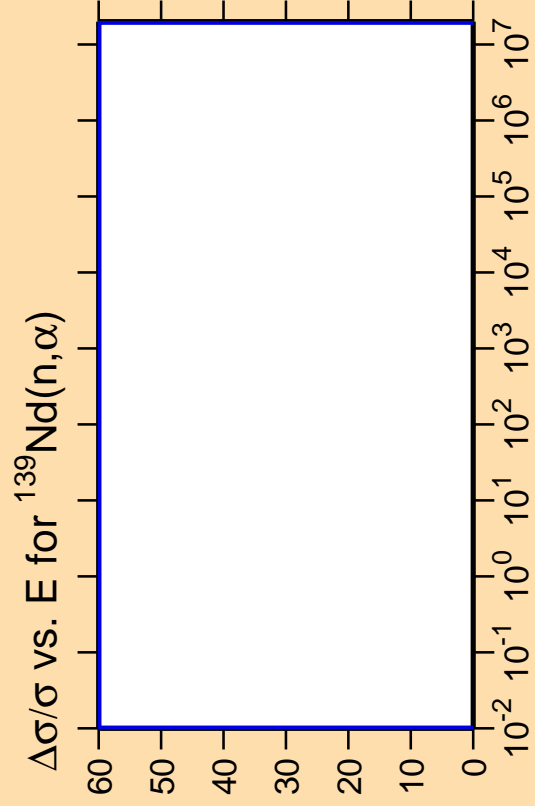
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix



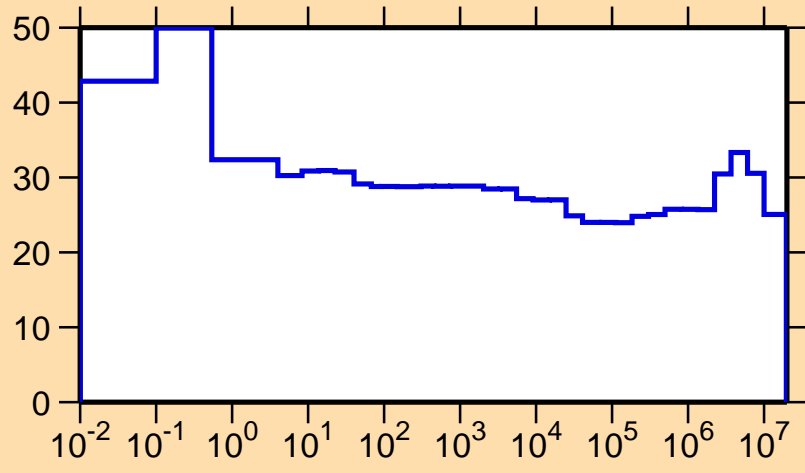


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,p)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,d)$

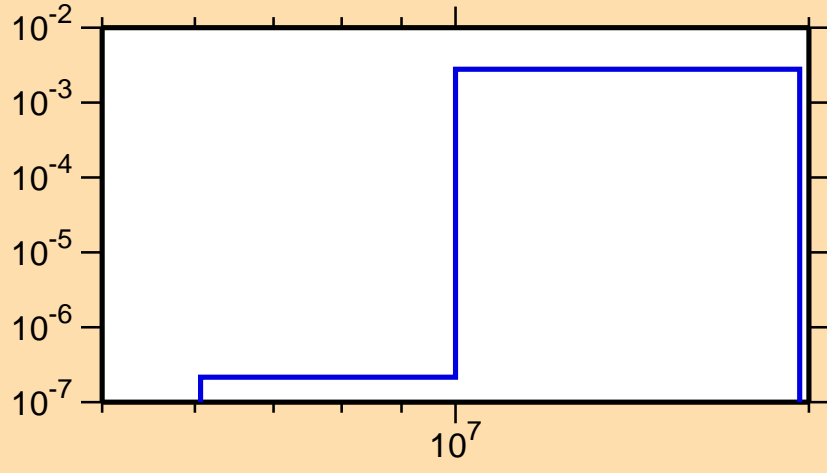


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

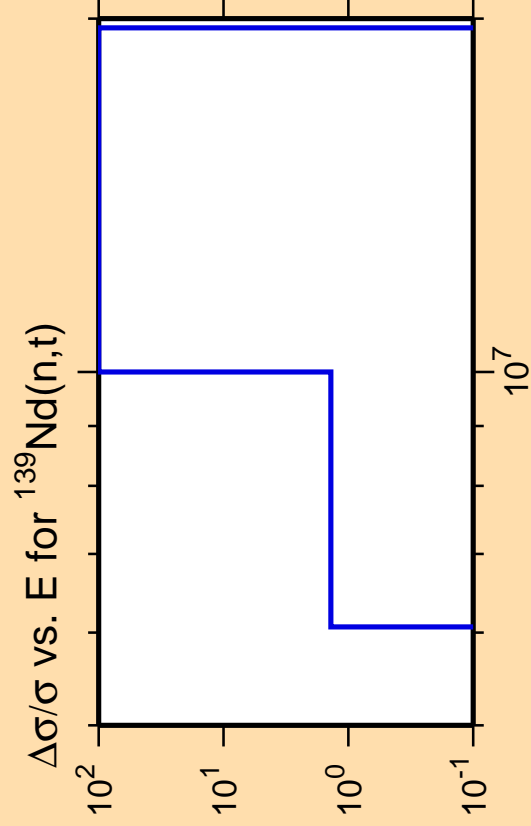
Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{139}\text{Nd}(n,d)$



Correlation Matrix

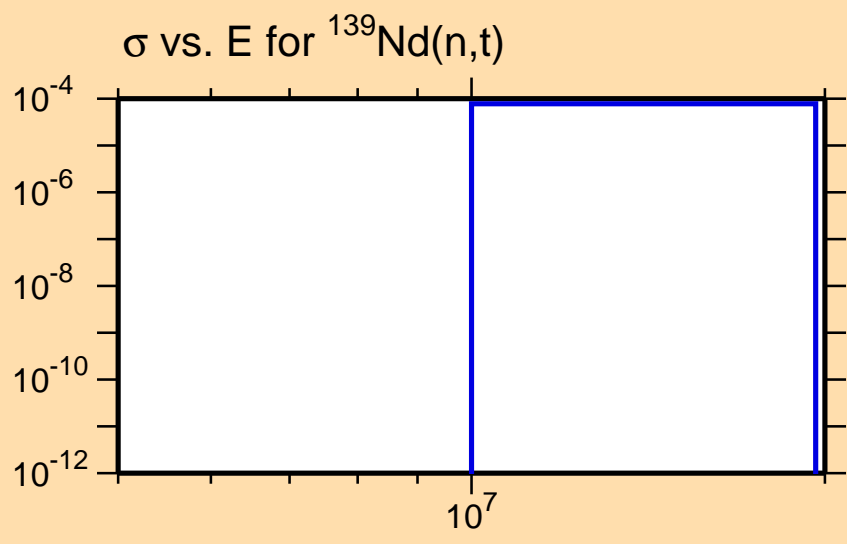




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

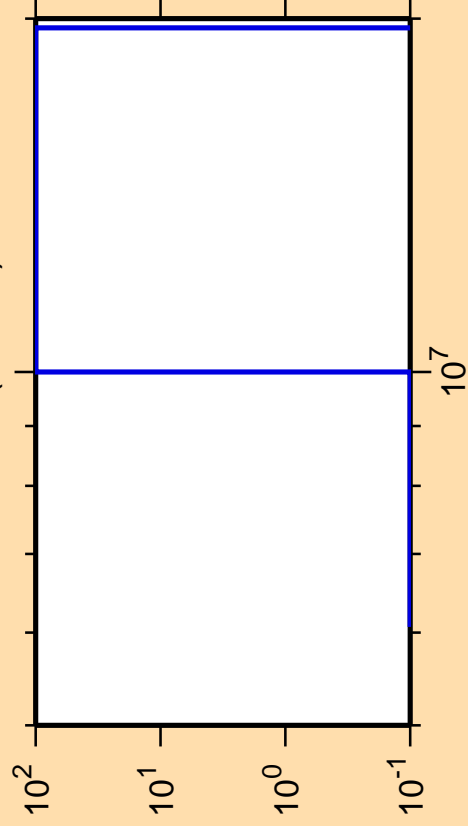
Warning: some uncertainty data were suppressed.



Correlation Matrix



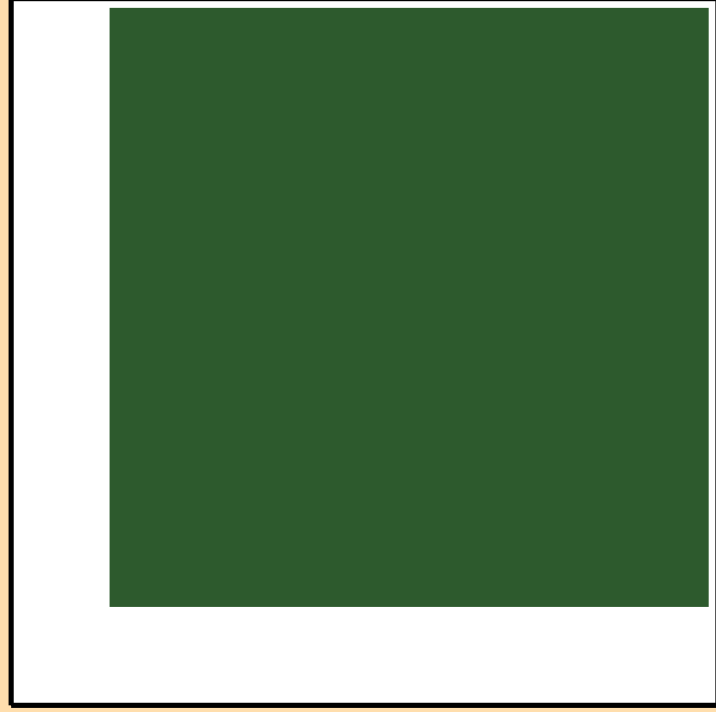
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{He3})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

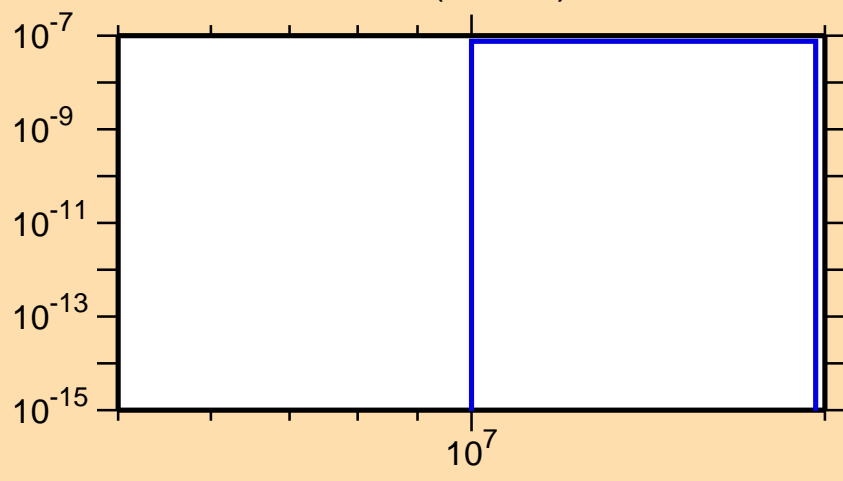
Warning: some uncertainty data were suppressed.

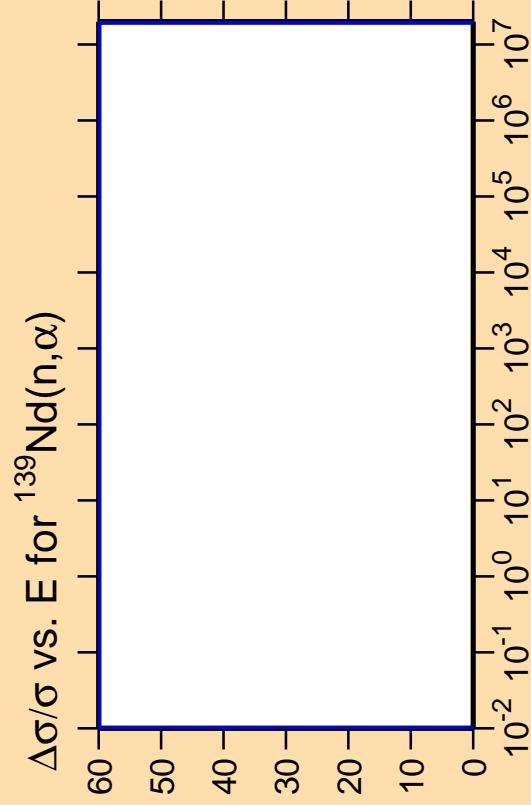


Correlation Matrix



$\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{He3})$





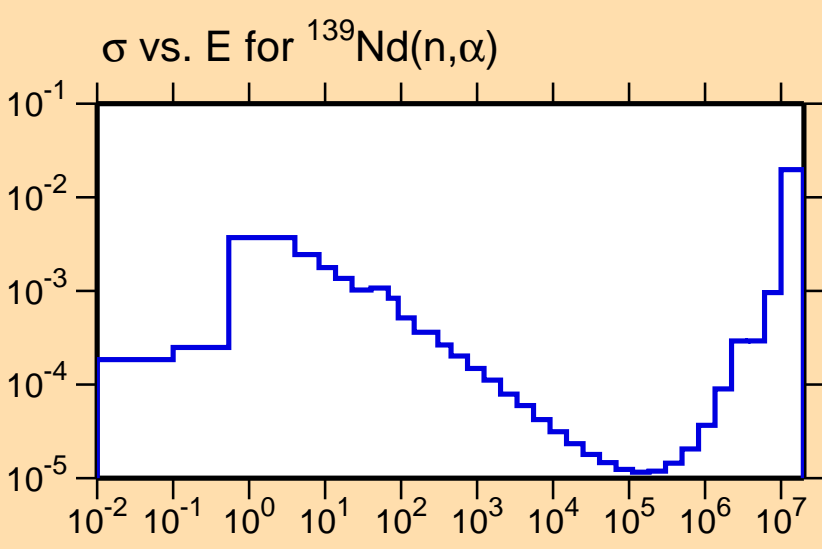
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,p\alpha)$

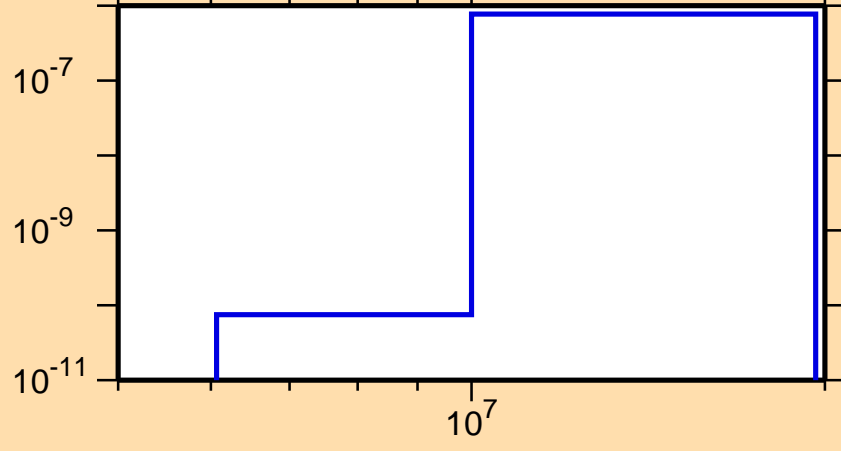


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{139}\text{Nd}(n,p\alpha)$



Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{pd})$

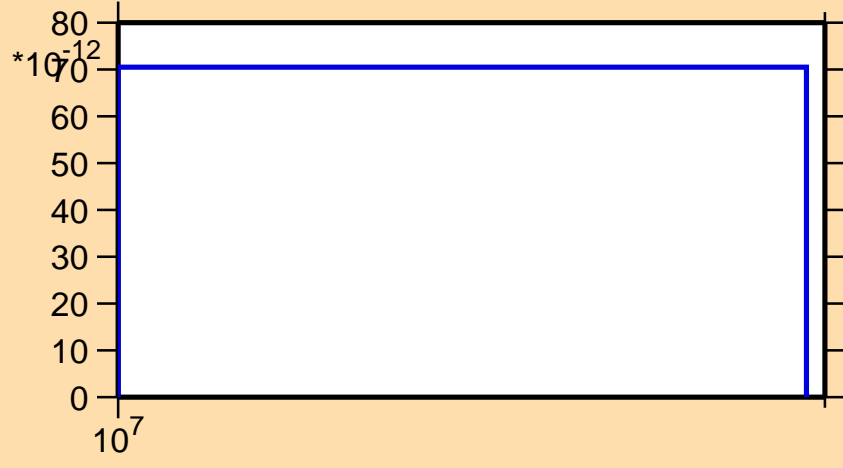


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{pd})$



$10^7$

$10^{12}$

80

70

60

50

40

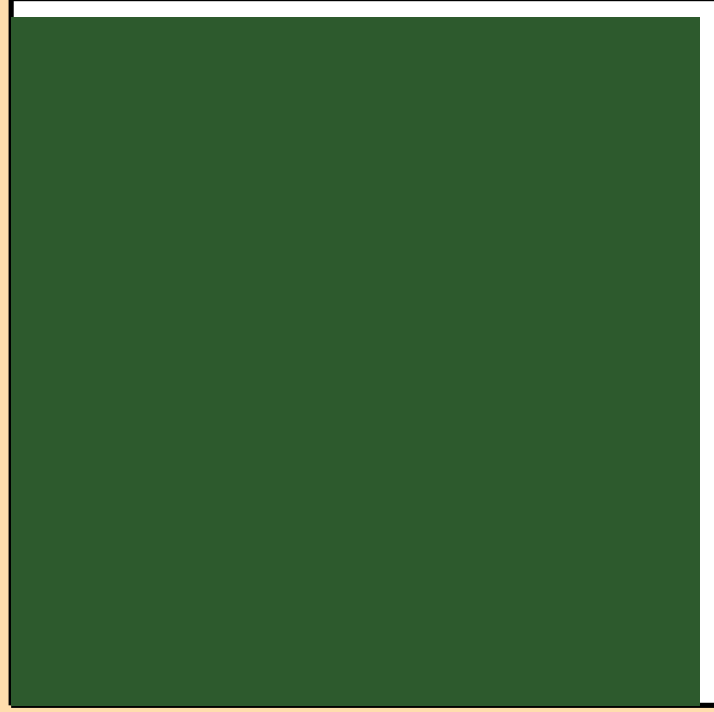
30

20

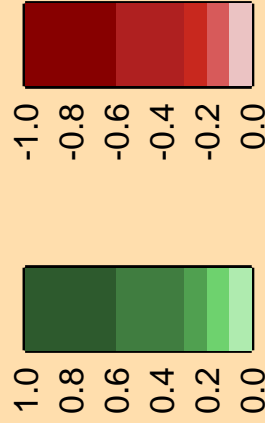
10

0

$10^7$



Correlation Matrix



1.0

0.8

0.6

0.4

0.2

0.0

-1.0

-0.8

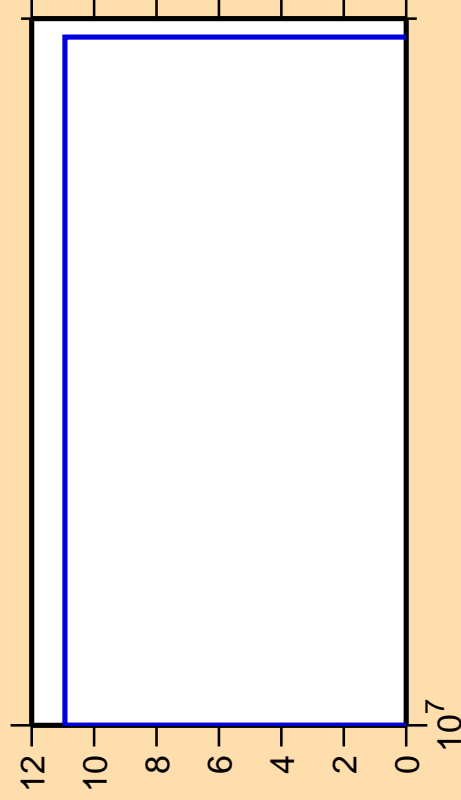
-0.6

-0.4

-0.2

0.0

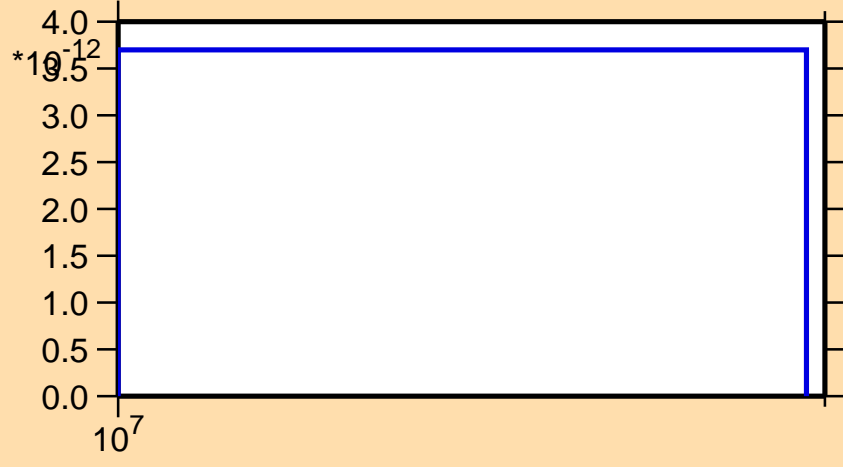
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{pt})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

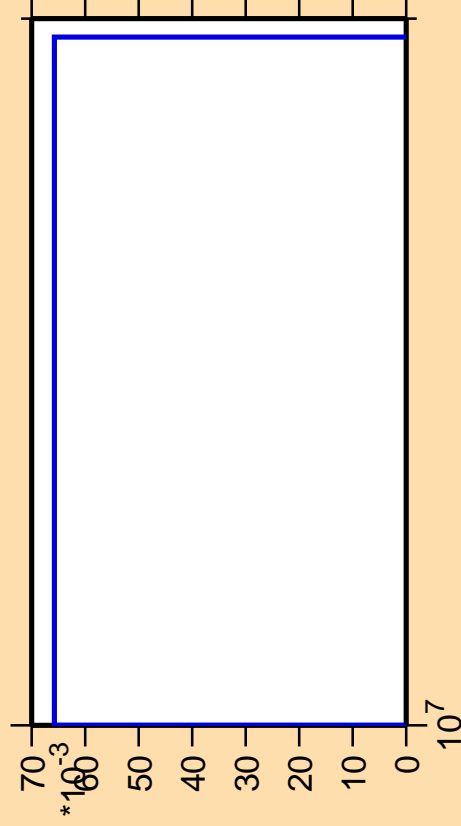
$\sigma$  vs. E for  $^{139}\text{Nd}(n,\text{pt})$



Correlation Matrix



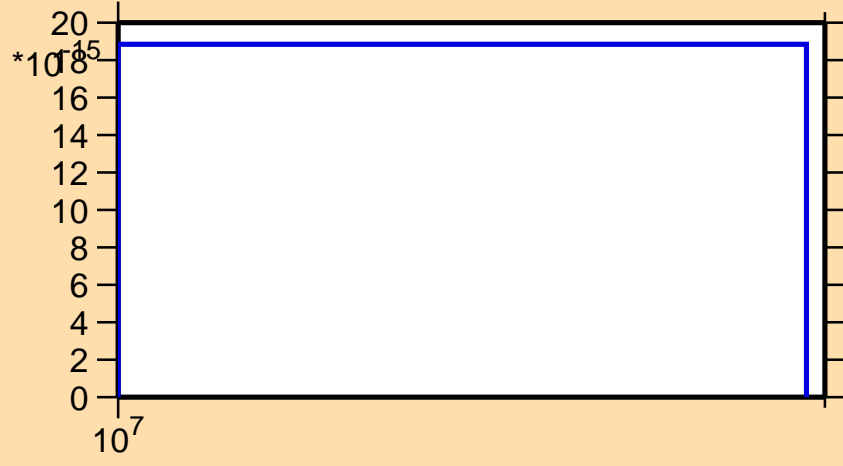
$\Delta\sigma/\sigma$  vs. E for  $^{139}\text{Nd}(\text{mt117})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{139}\text{Nd}(\text{mt117})$



Correlation Matrix

