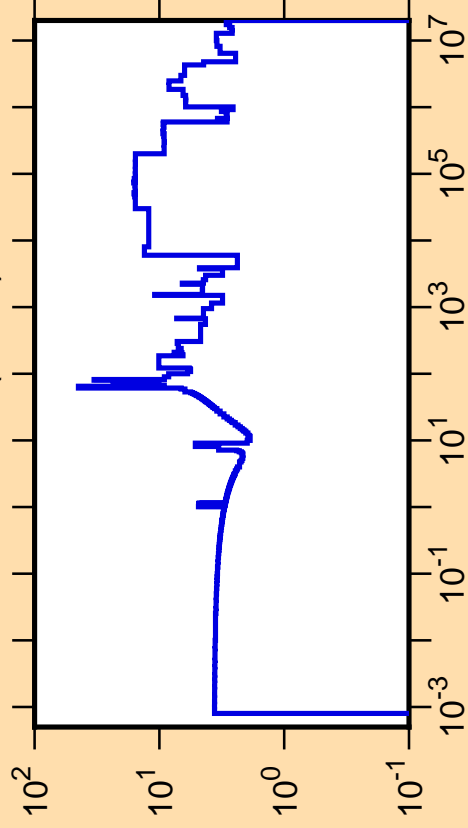


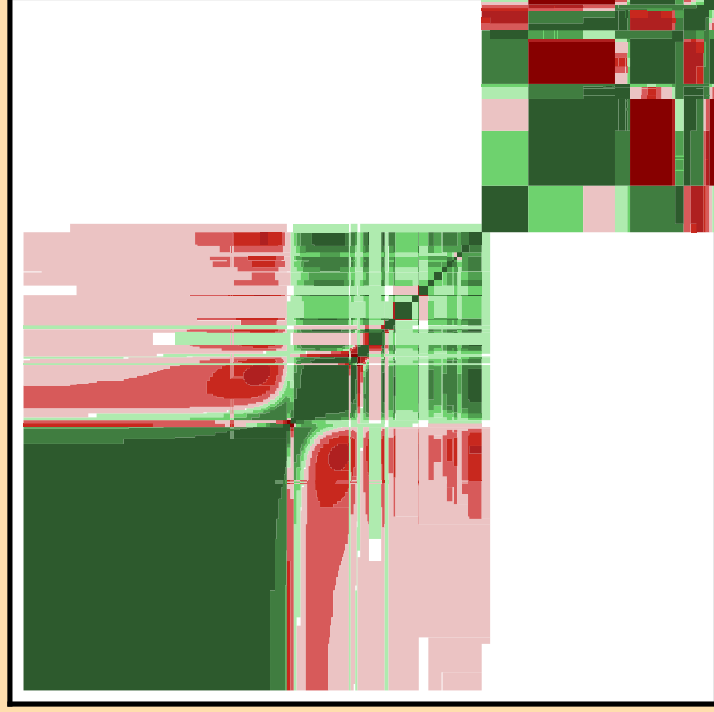
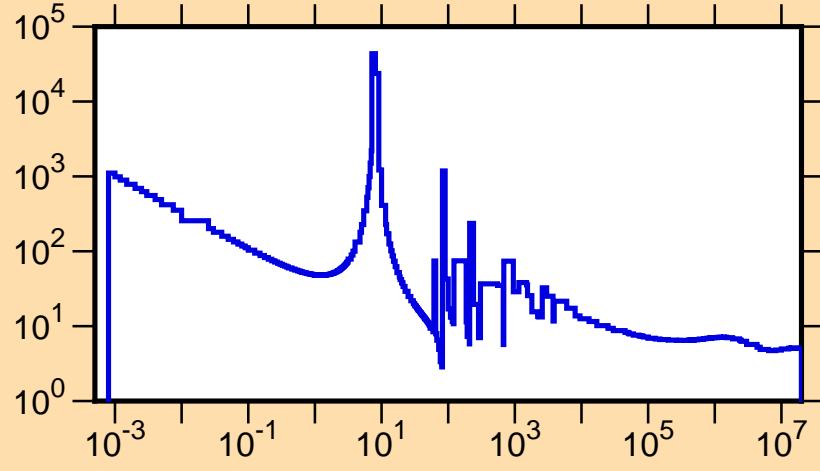
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

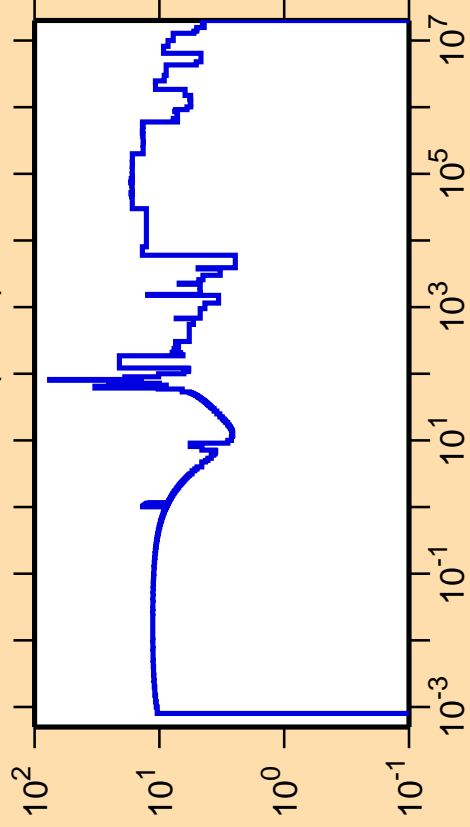
$\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Correlation Matrix



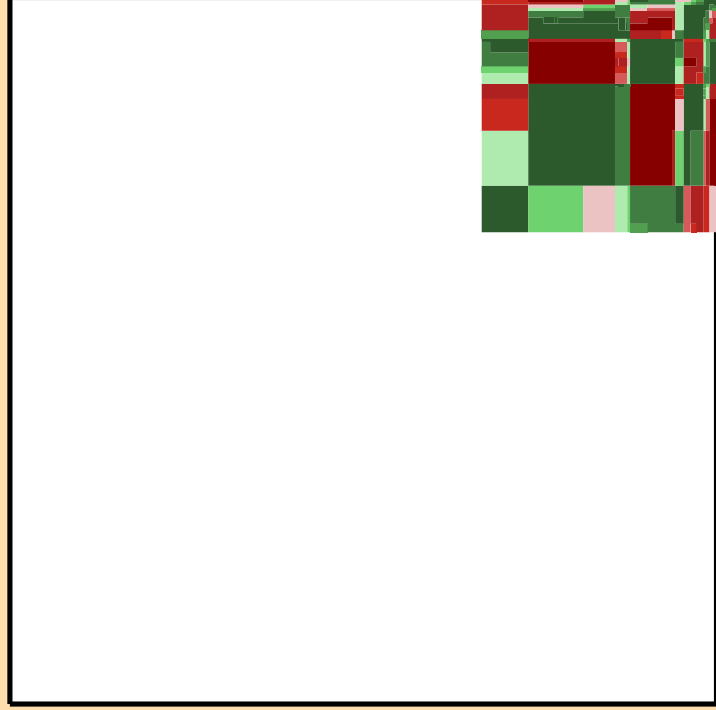
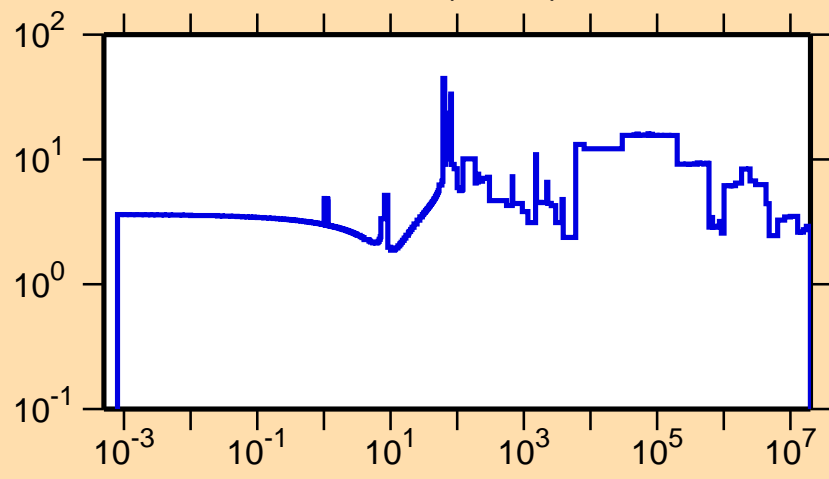
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



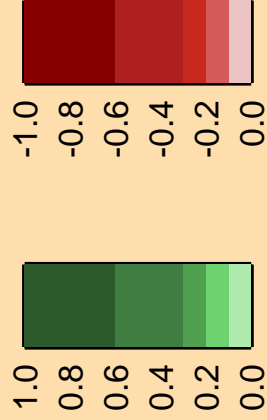
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

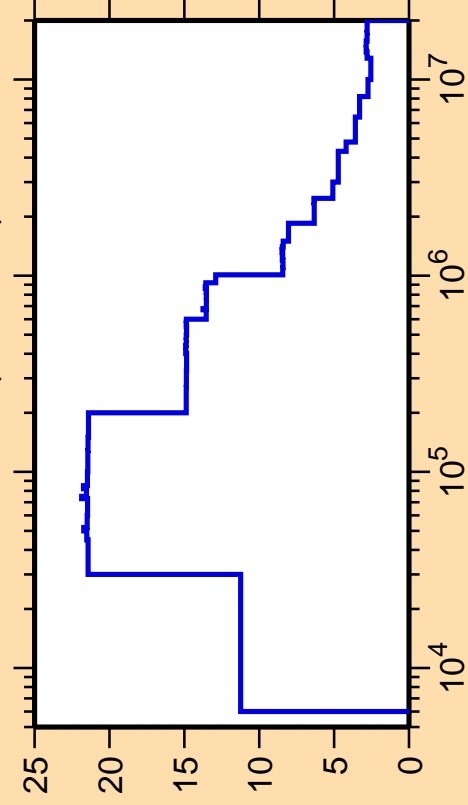
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Correlation Matrix



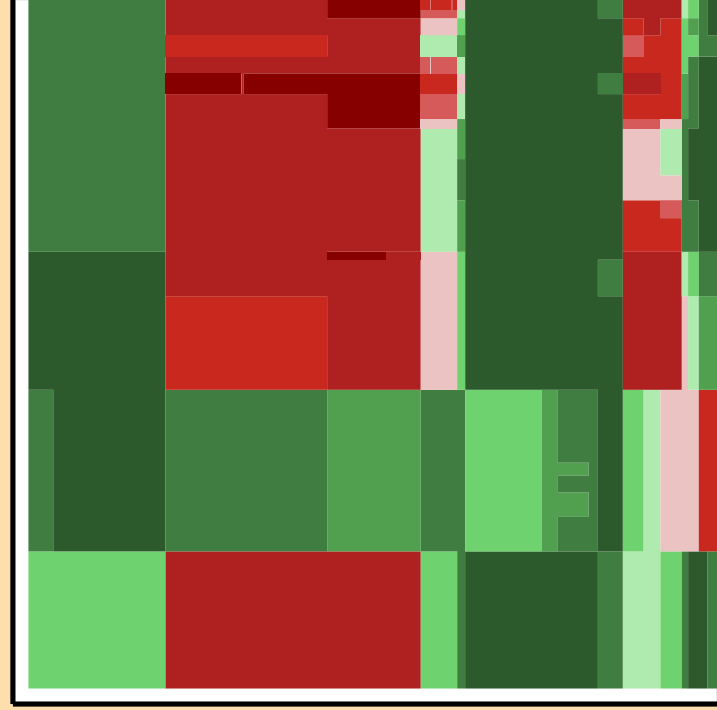
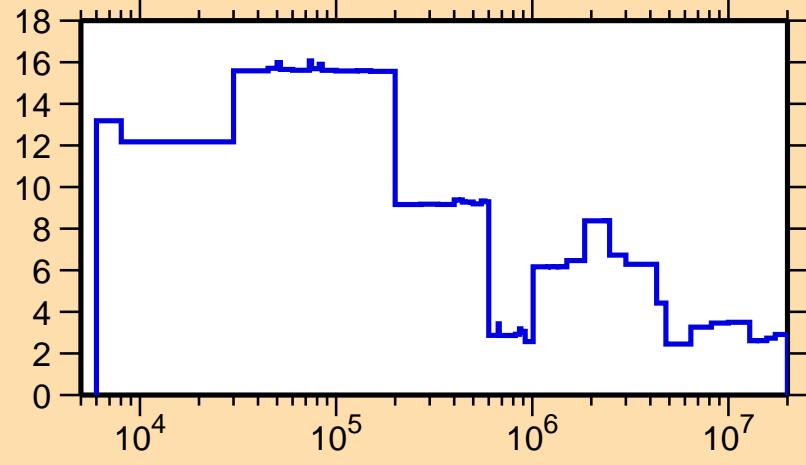
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nonel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

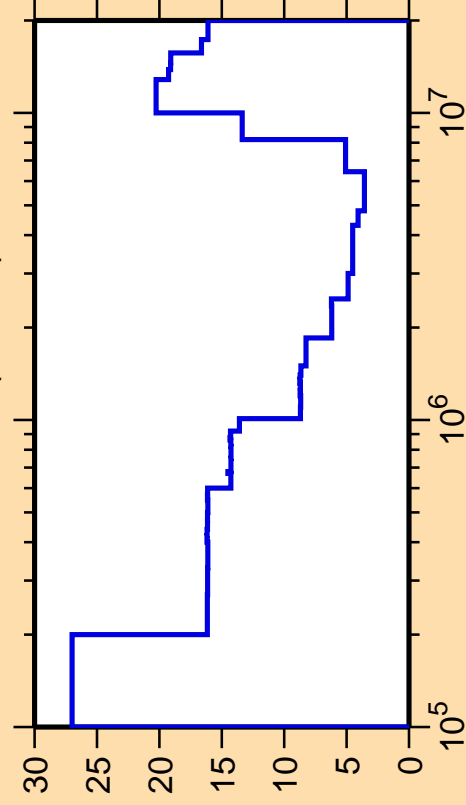
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Correlation Matrix



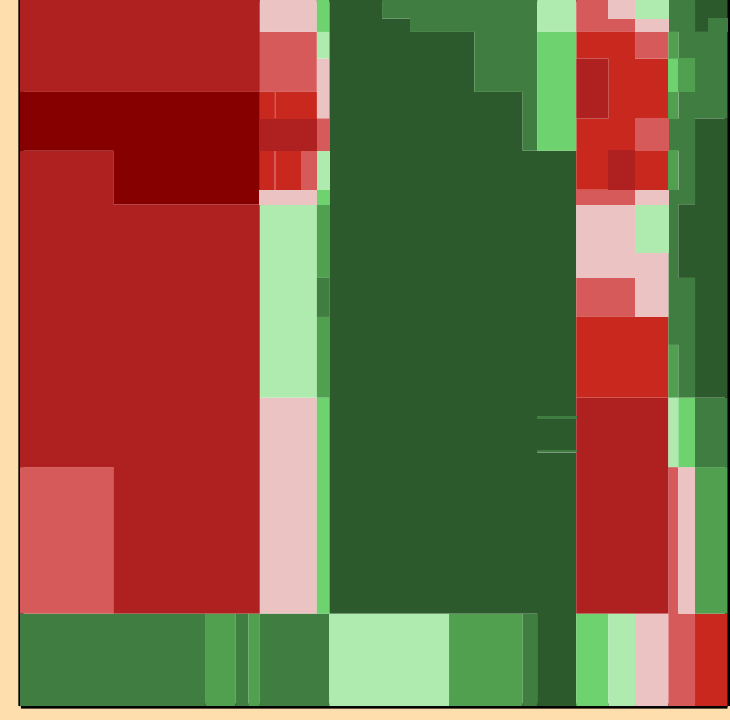
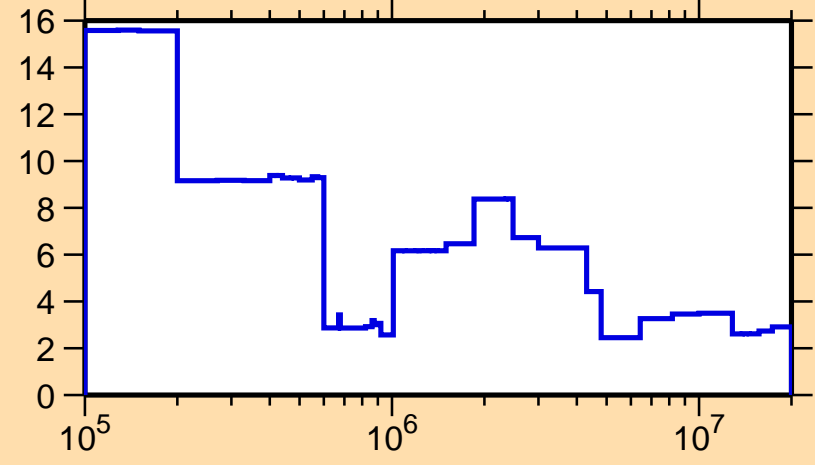
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

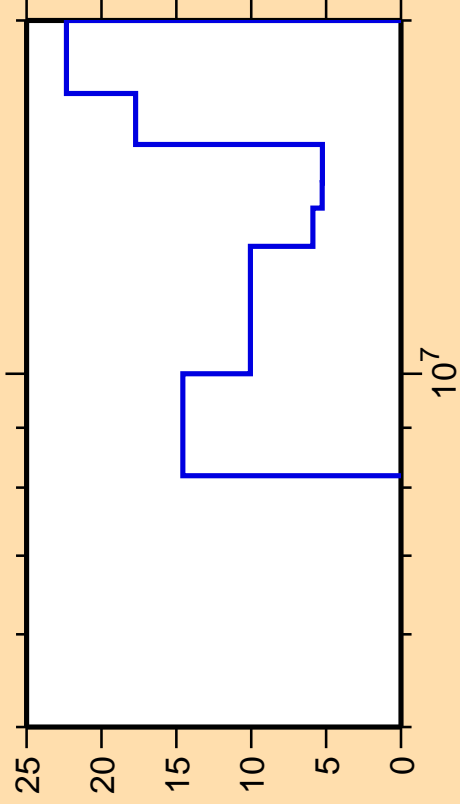
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Correlation Matrix



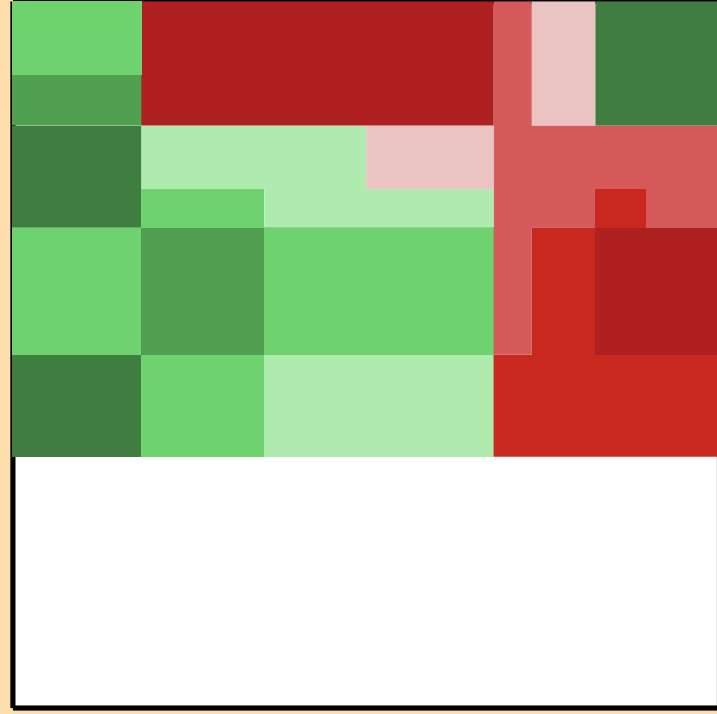
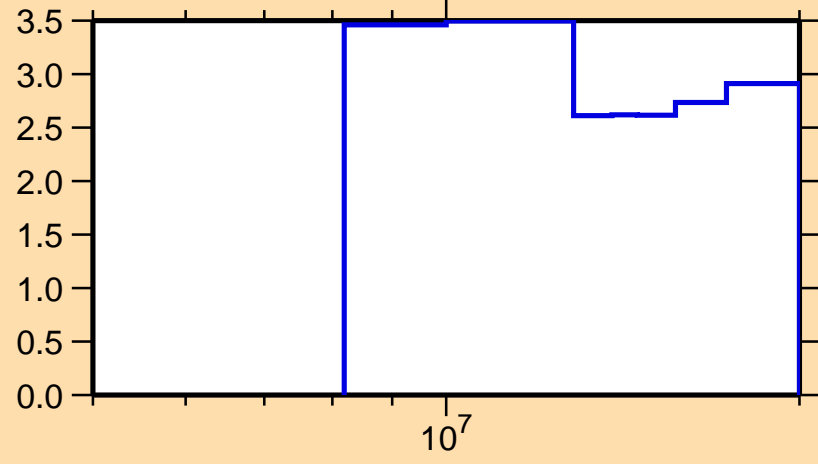
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



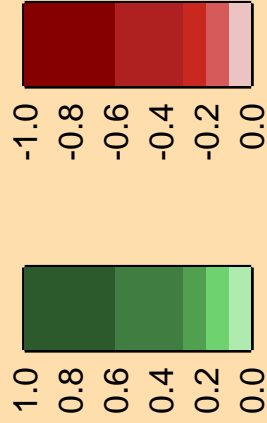
Ordinate scale is %  
relative standard deviation.

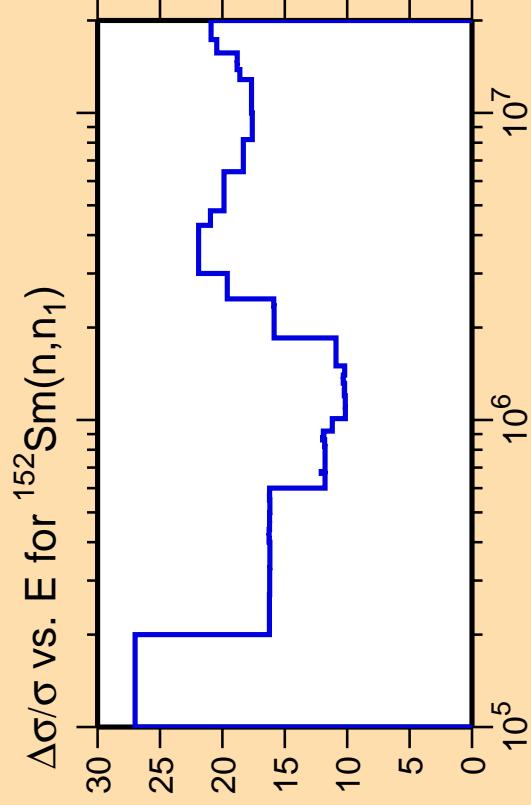
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



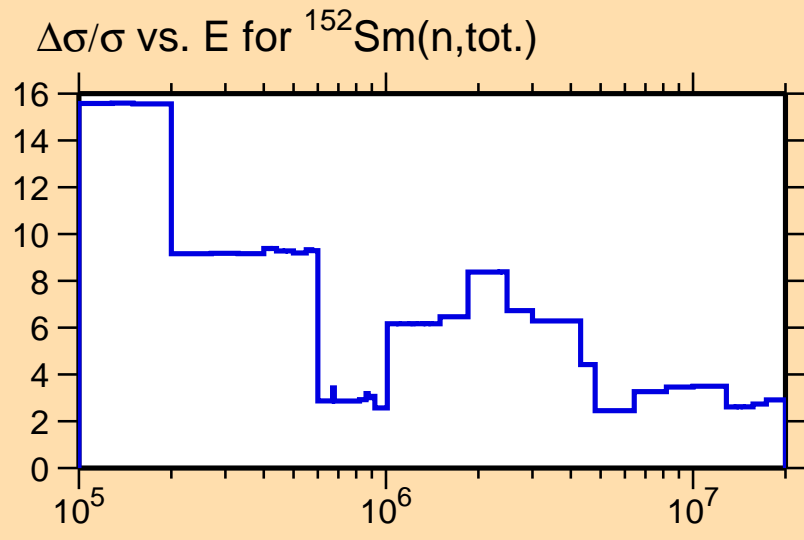
Correlation Matrix



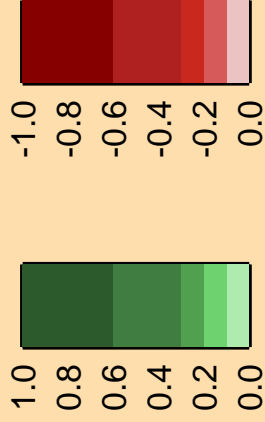


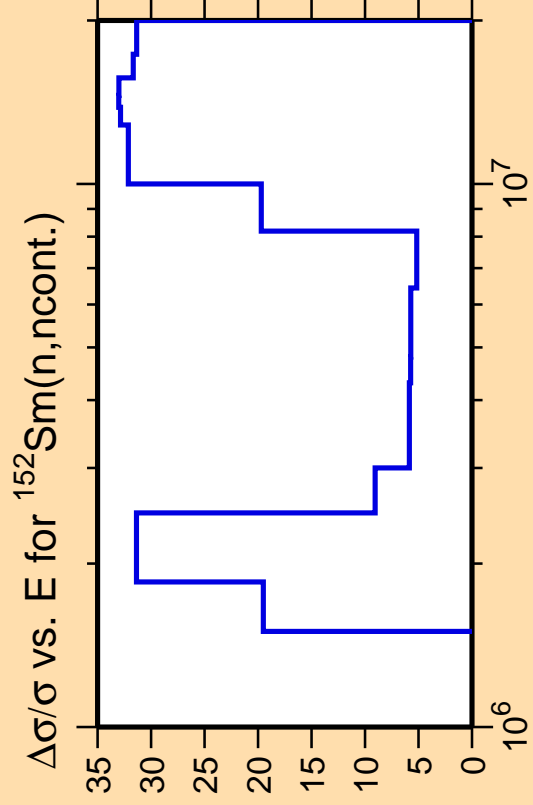
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



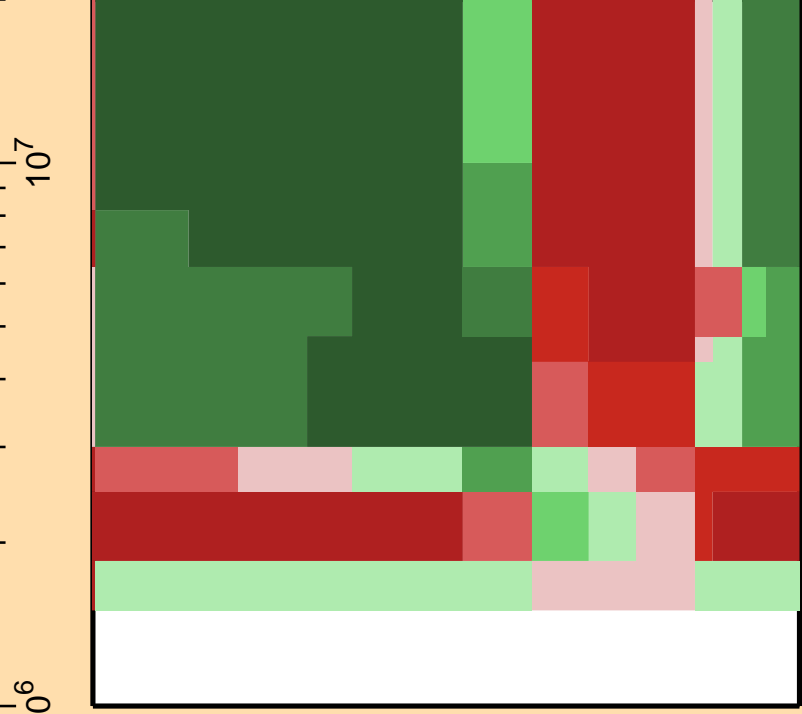
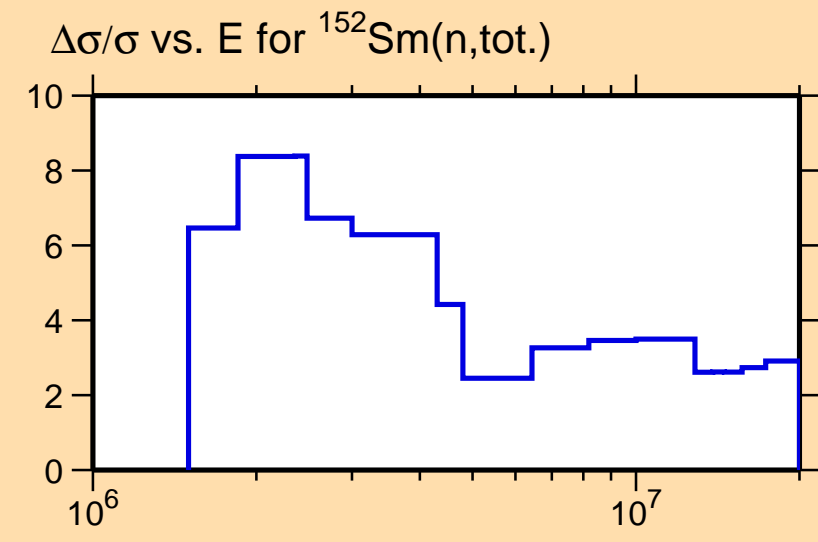
Correlation Matrix



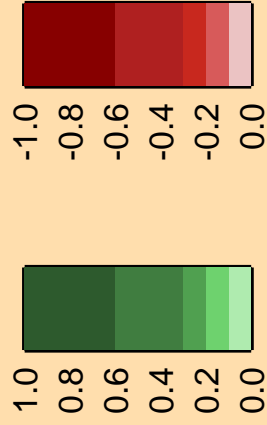


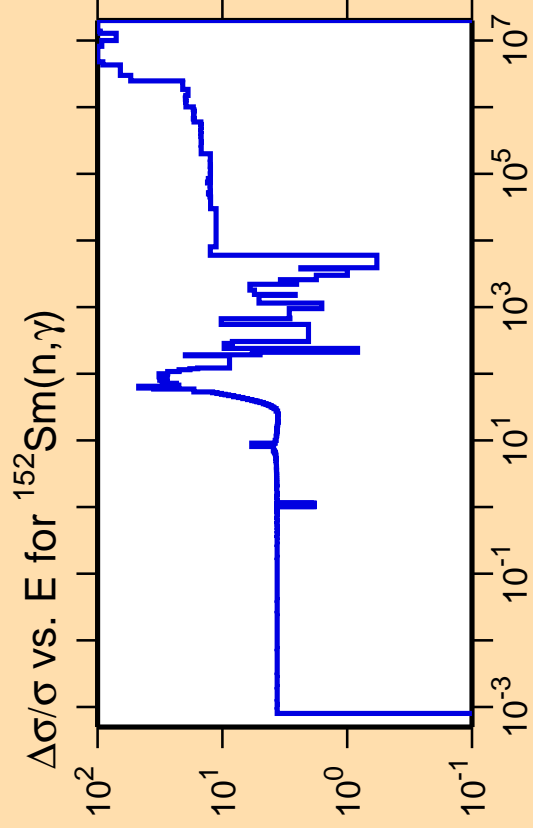
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix

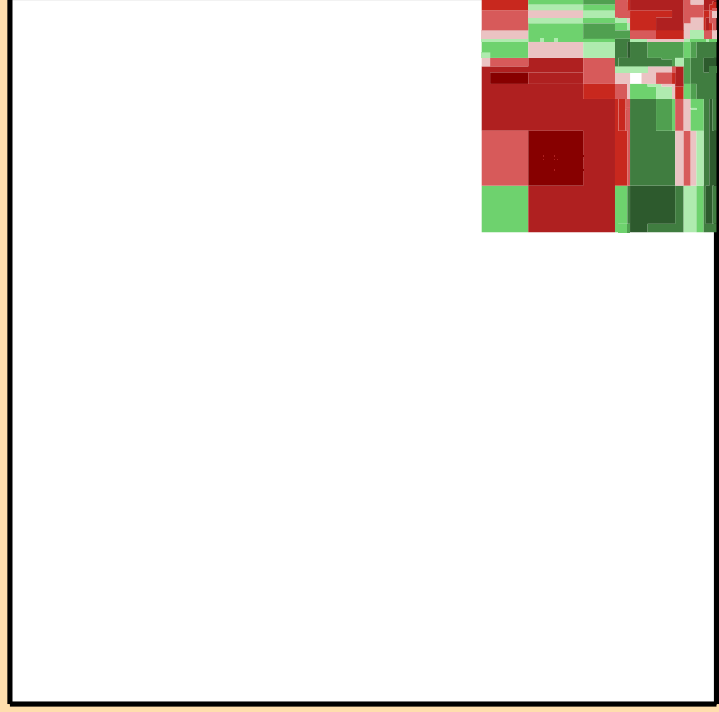
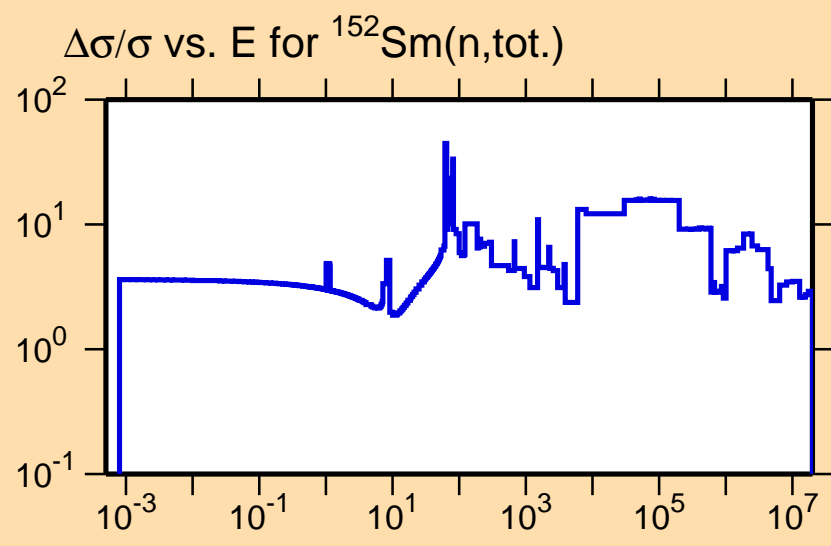




Ordinate scale is %  
relative standard deviation.

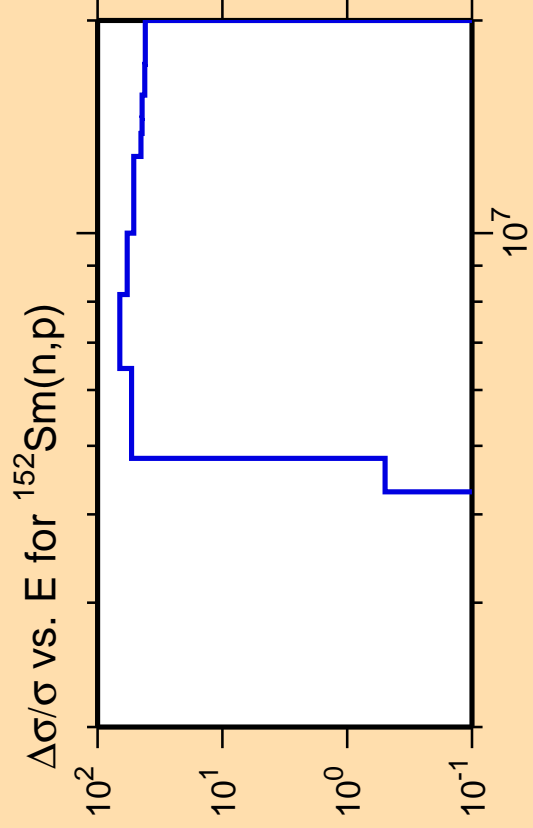
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

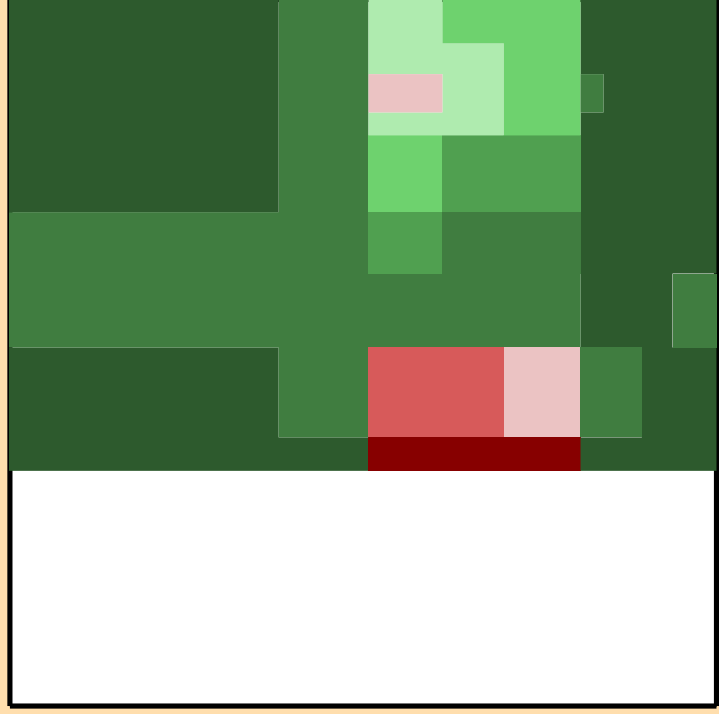
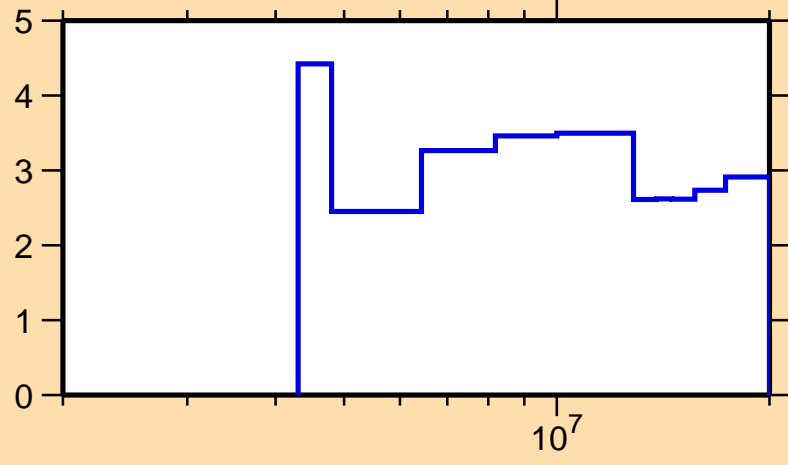




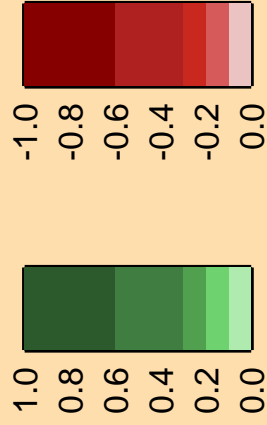
Ordinate scale is %  
relative standard deviation.

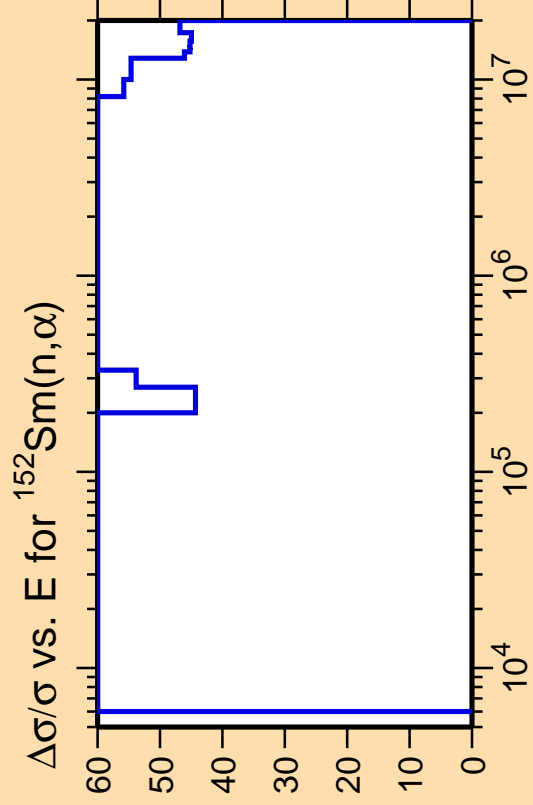
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{tot.})$



Correlation Matrix

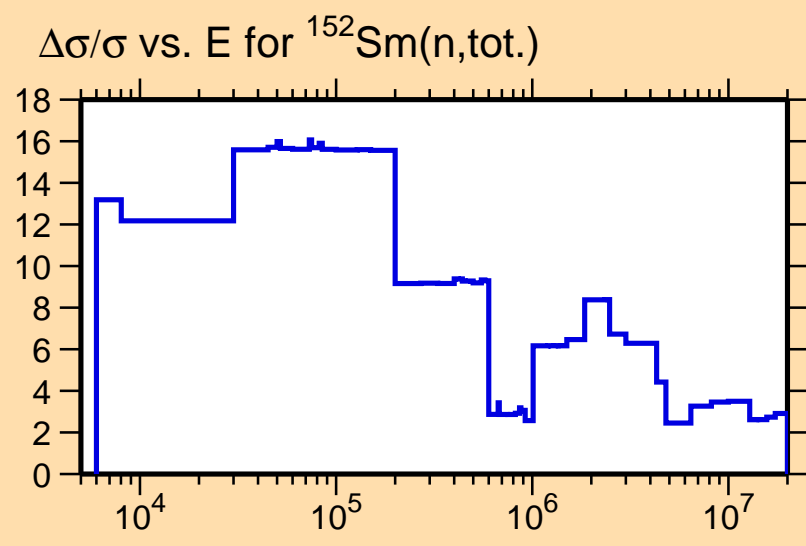




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

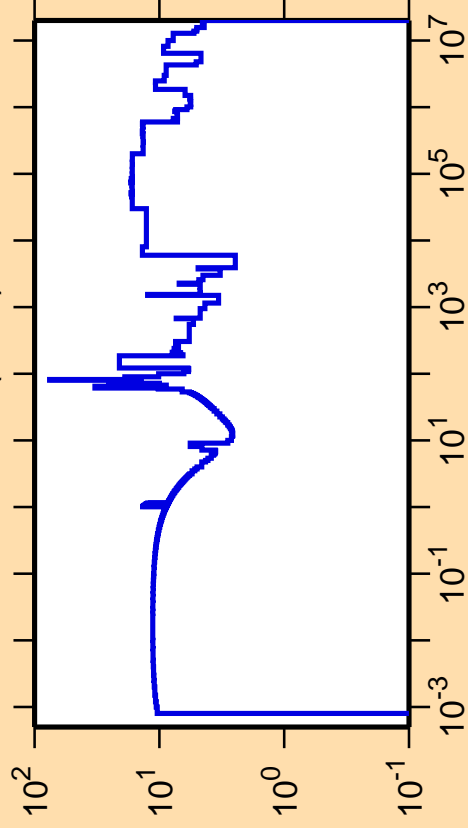
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data were suppressed.



Correlation Matrix



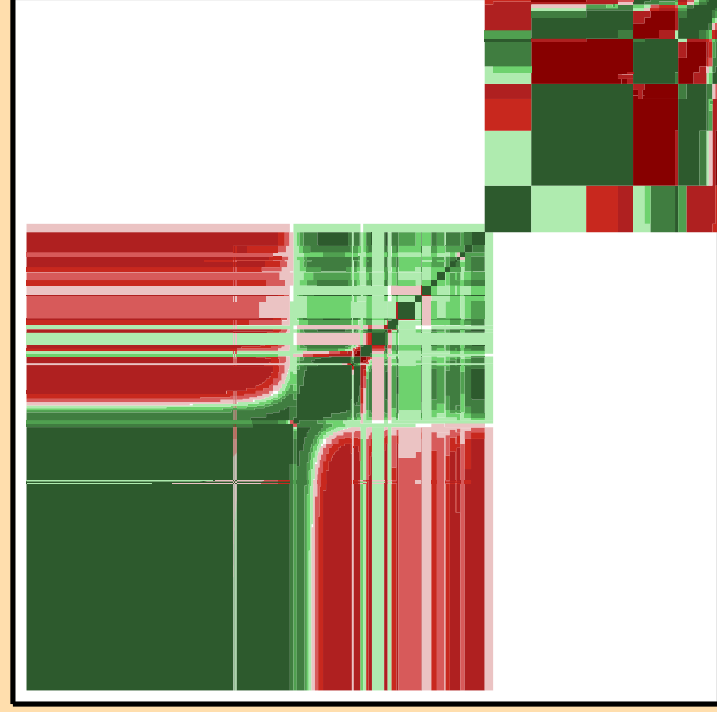
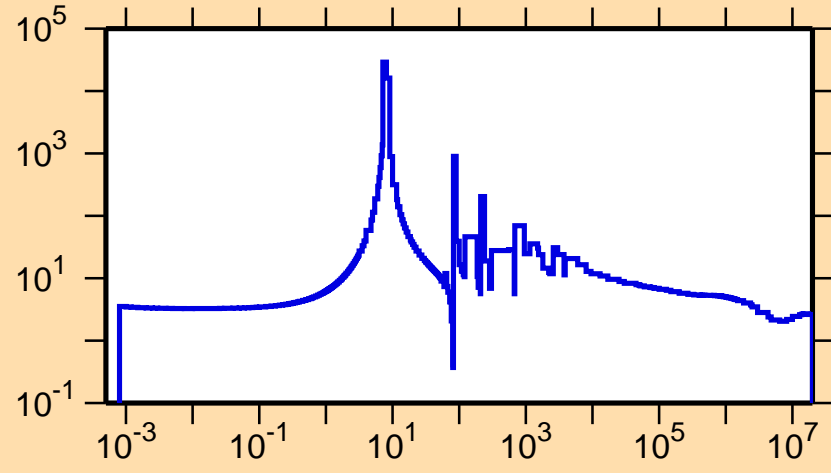
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



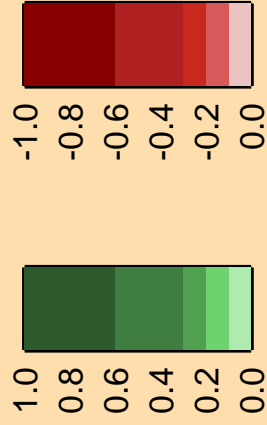
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

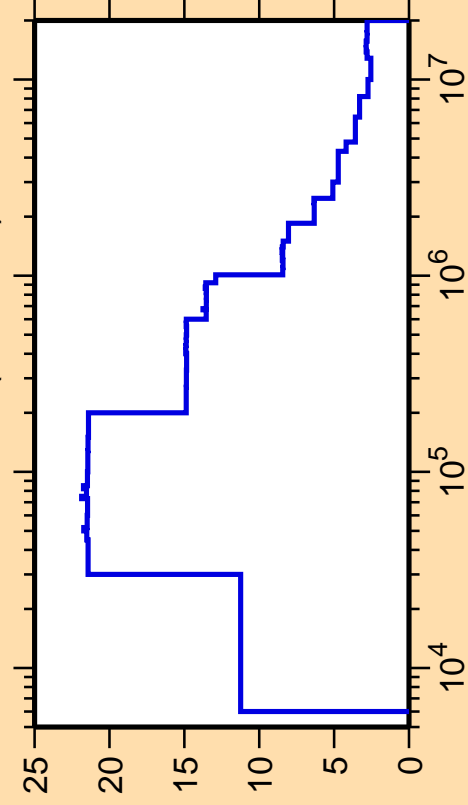
$\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



Correlation Matrix



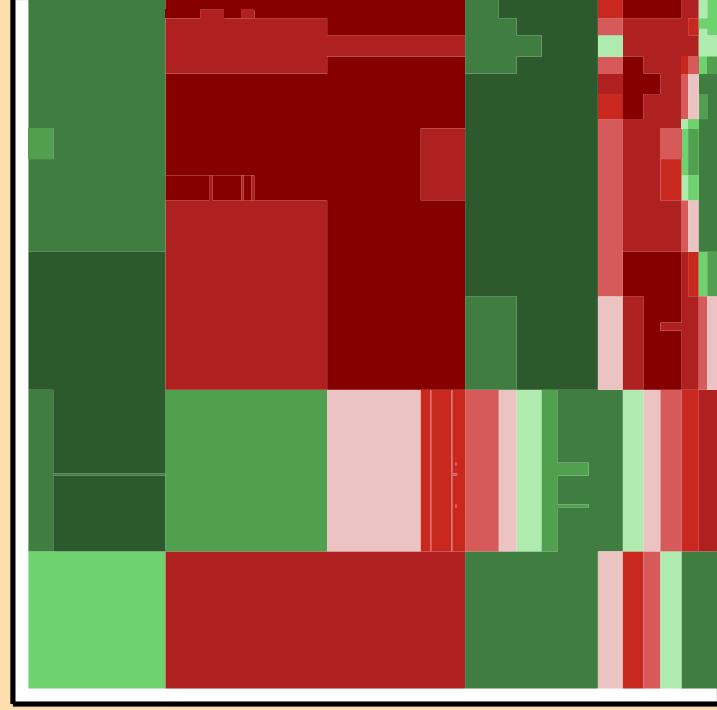
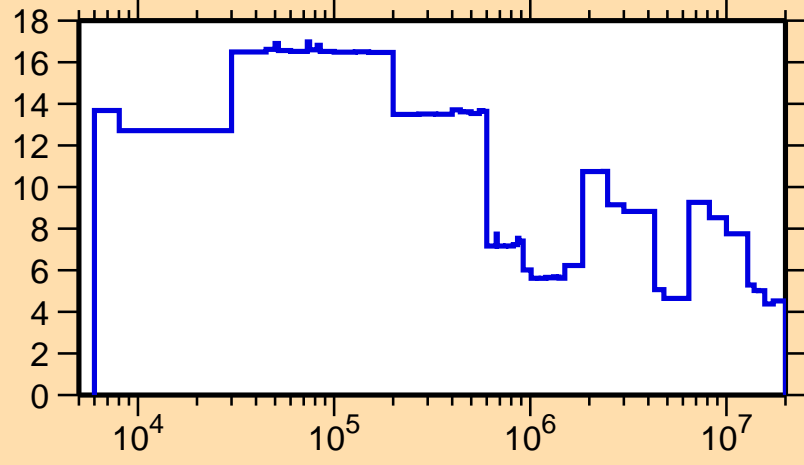
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nonel.})$



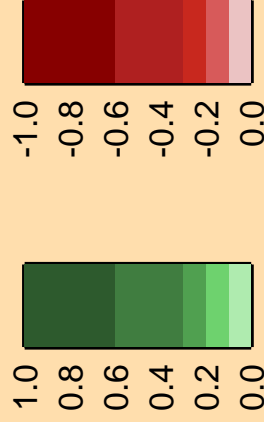
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

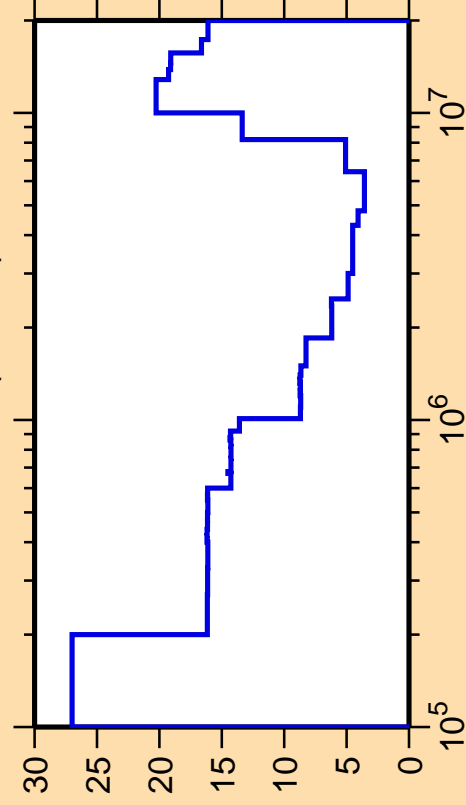
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



Correlation Matrix



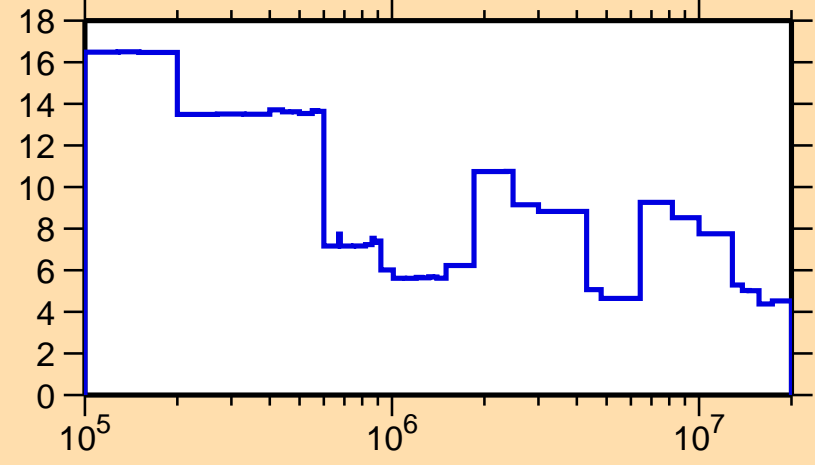
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

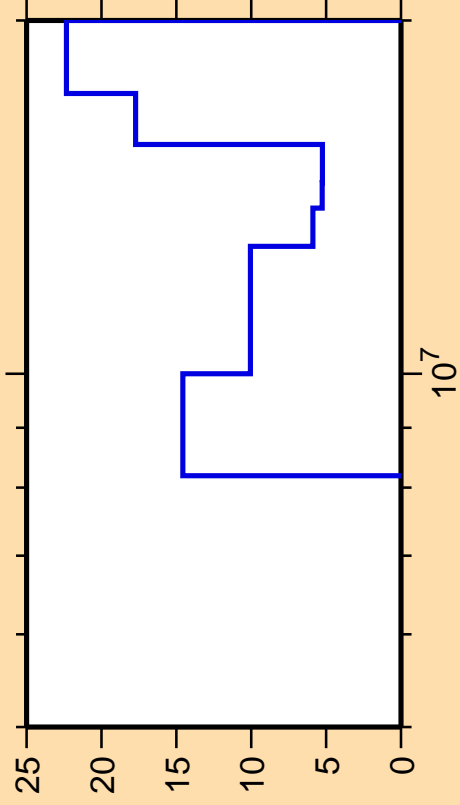
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



Correlation Matrix



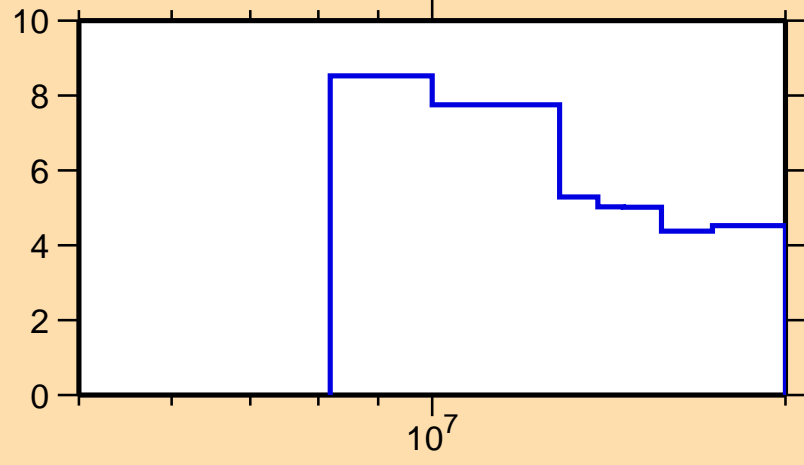
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Ordinate scale is %  
relative standard deviation.

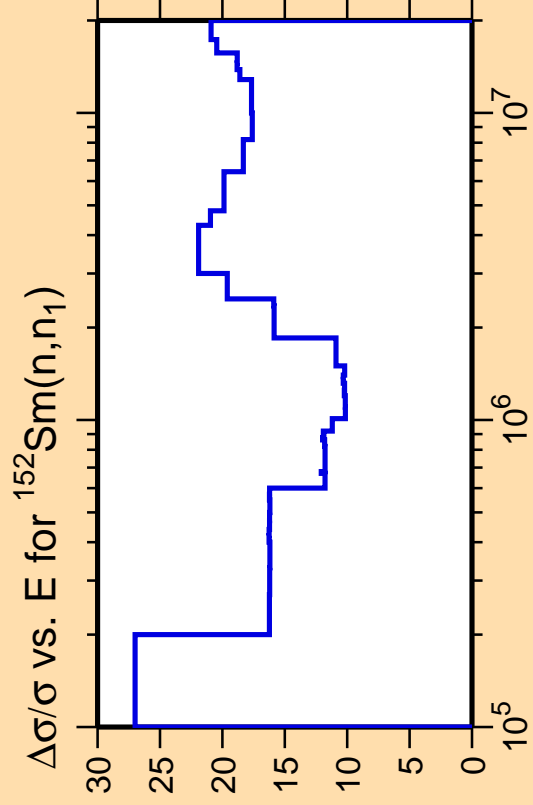
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



Correlation Matrix

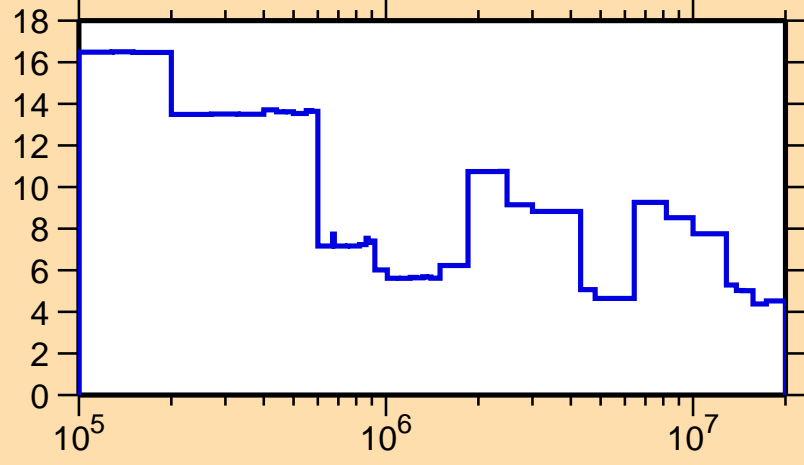




Ordinate scale is %  
relative standard deviation.

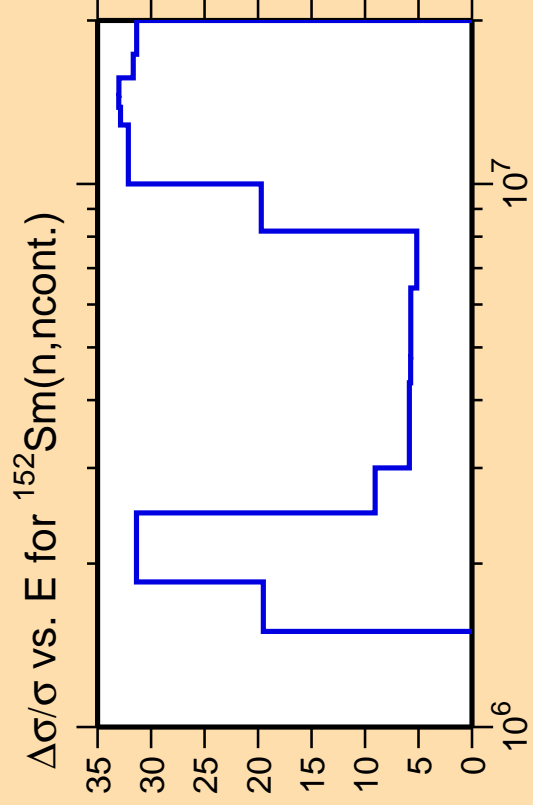
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



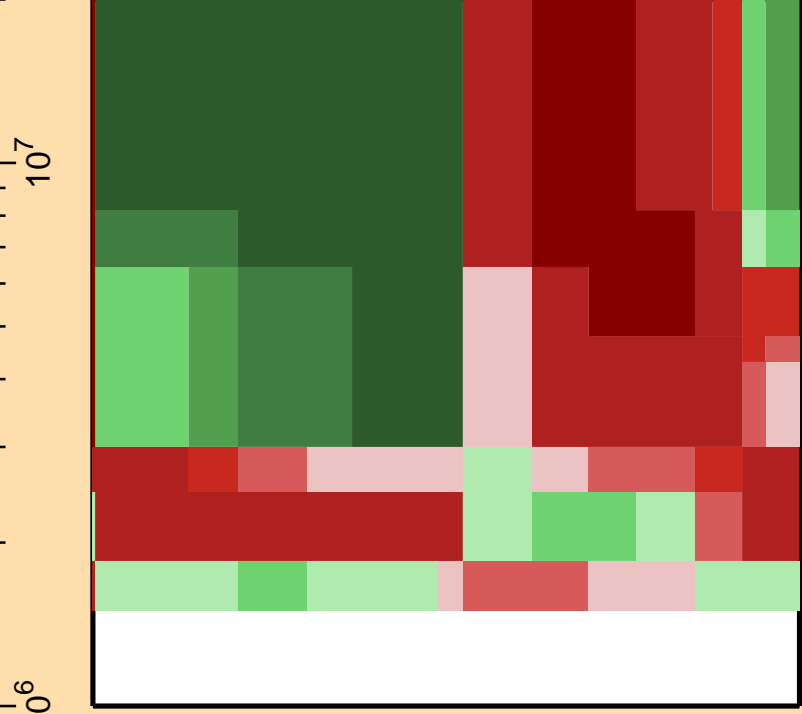
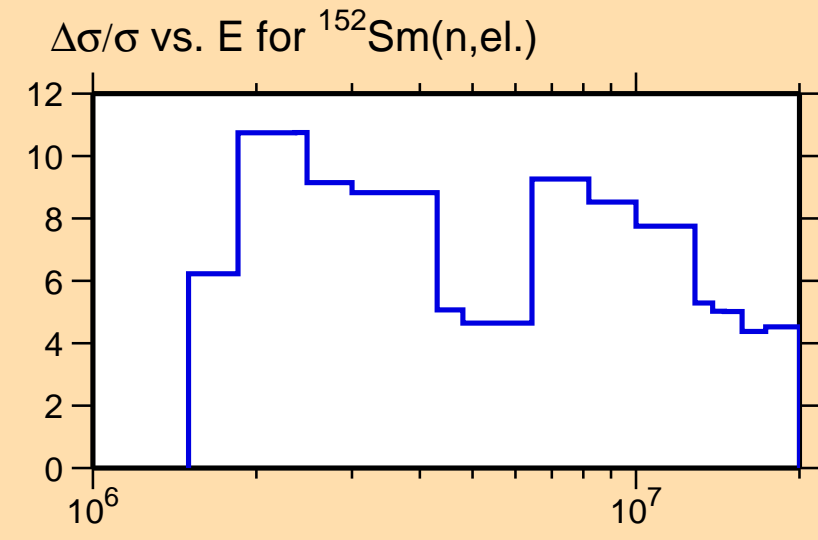
Correlation Matrix



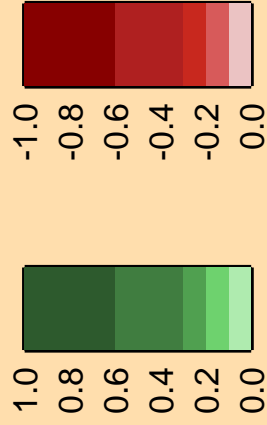


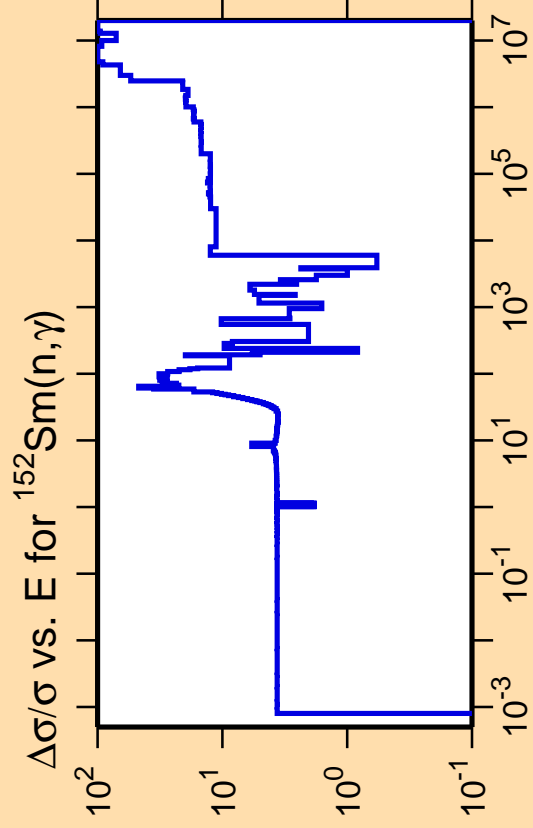
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix

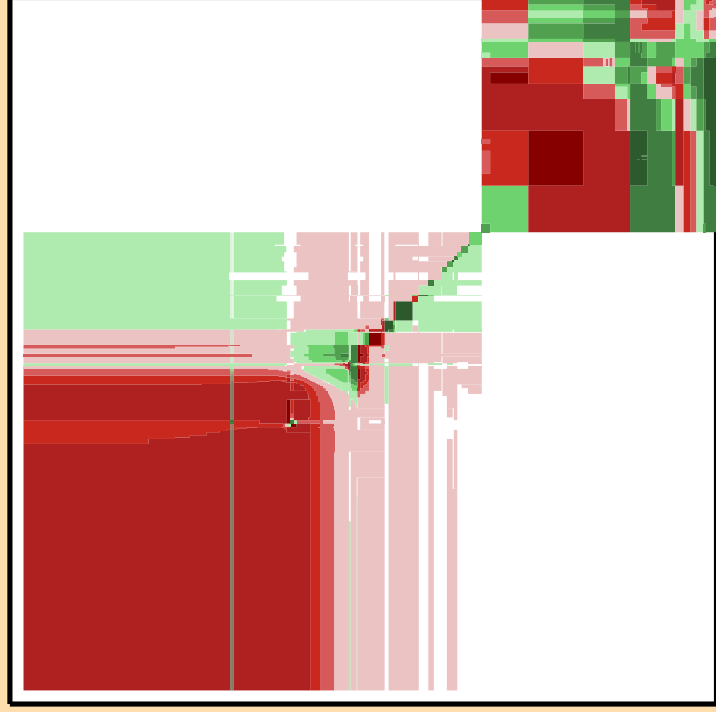
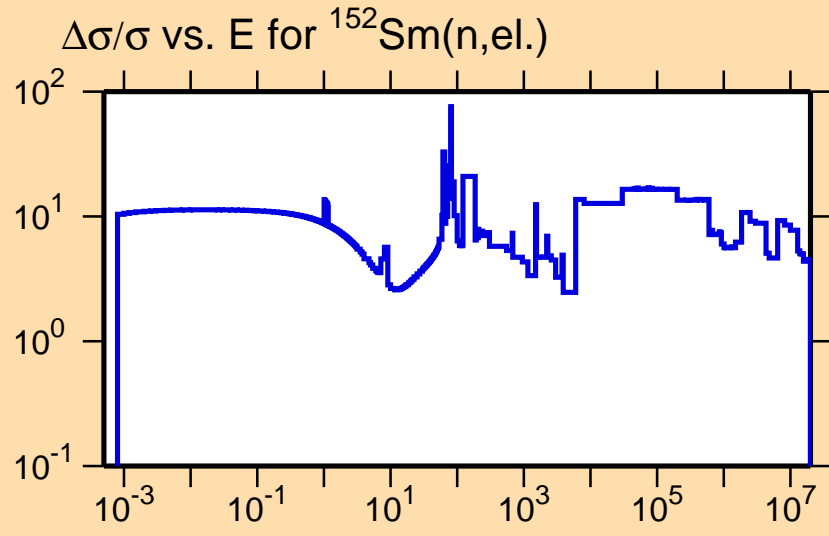




Ordinate scale is %  
relative standard deviation.

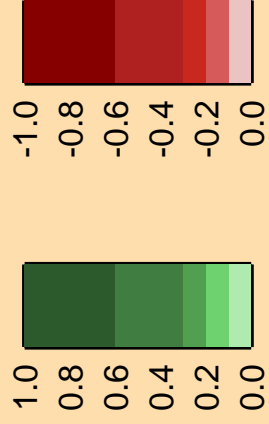
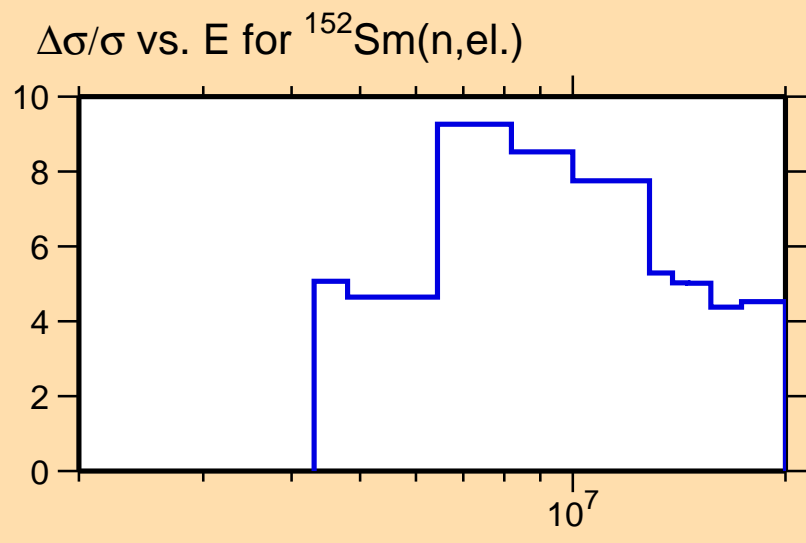
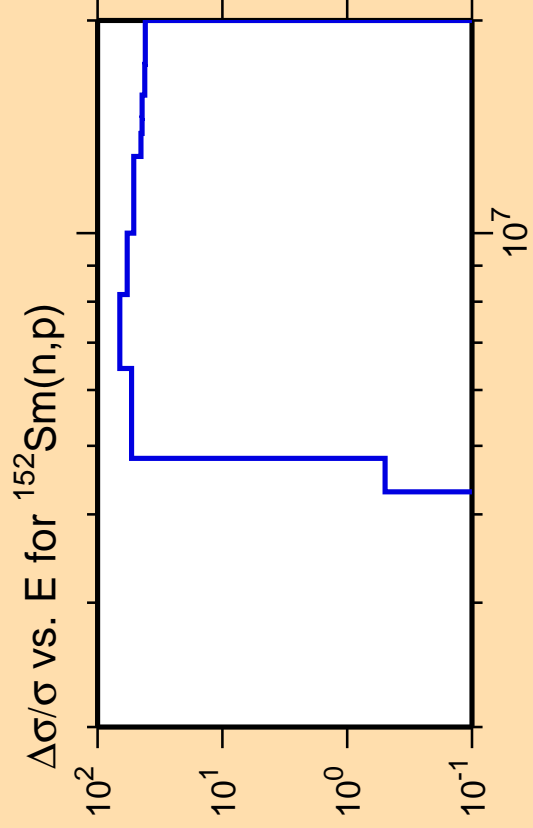
Abscissa scales are energy (eV).

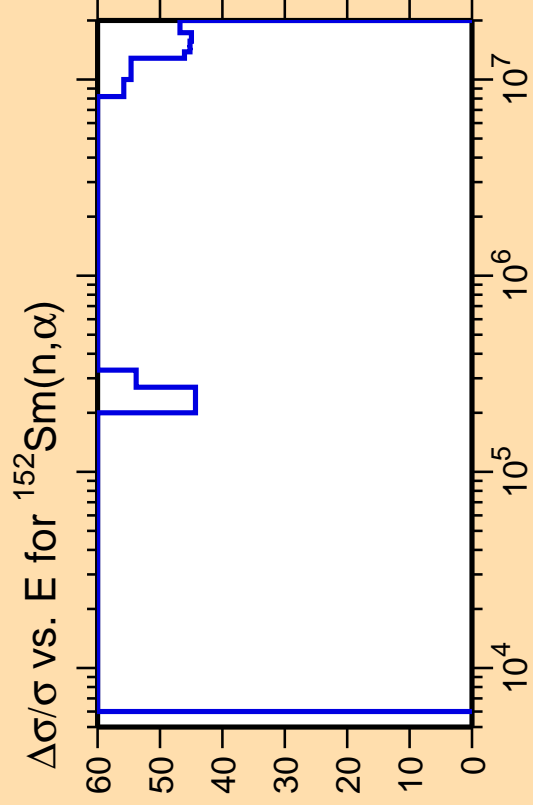
Warning: some uncertainty  
data were suppressed.



Correlation Matrix





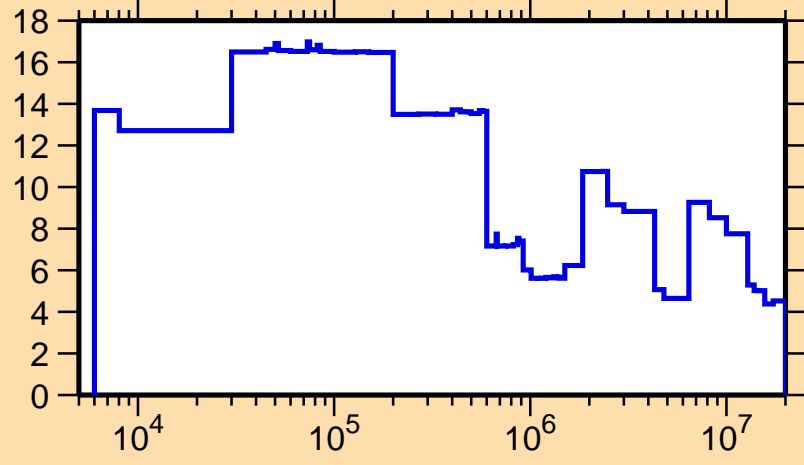


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

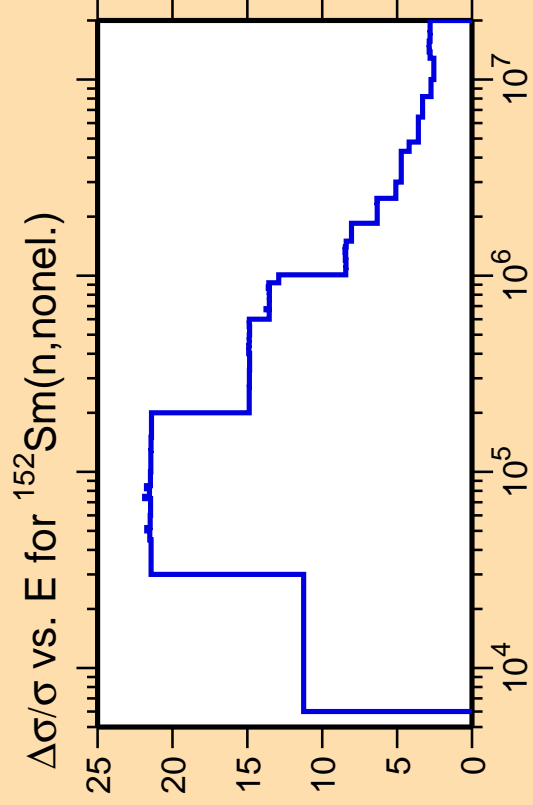
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{el.})$



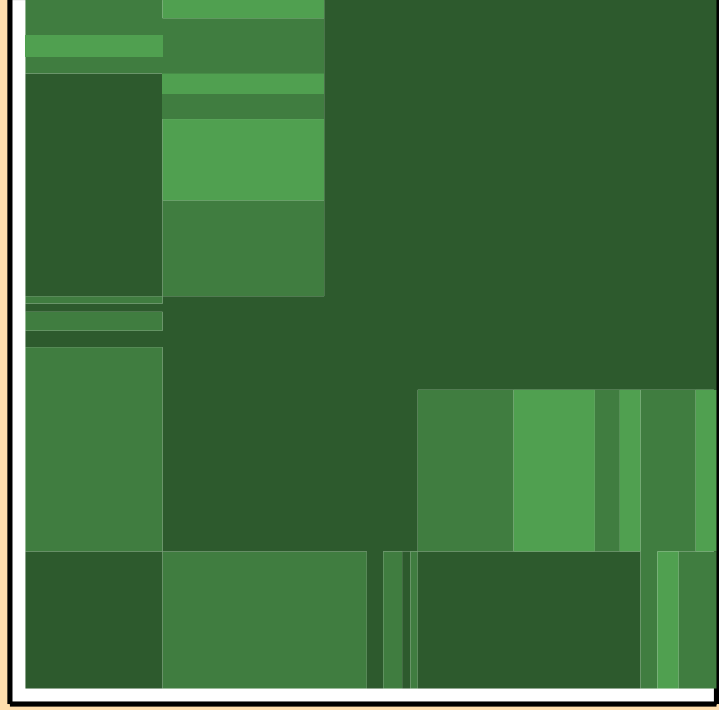
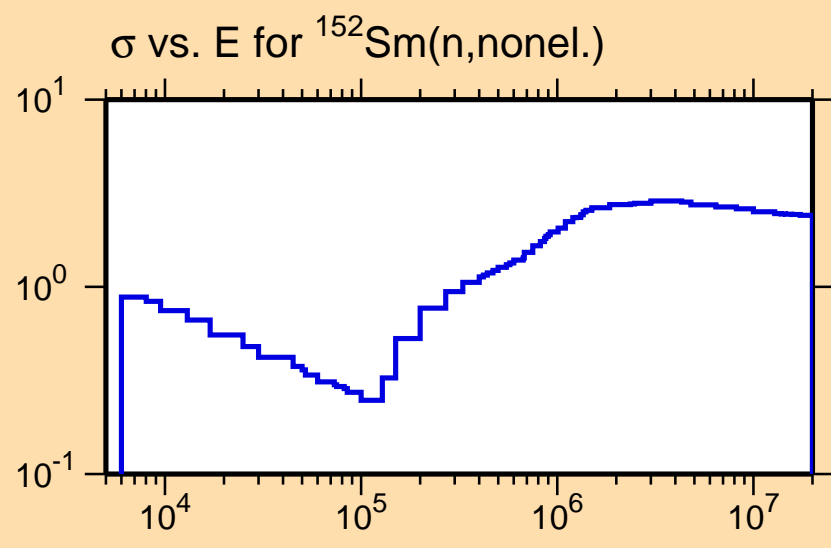
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

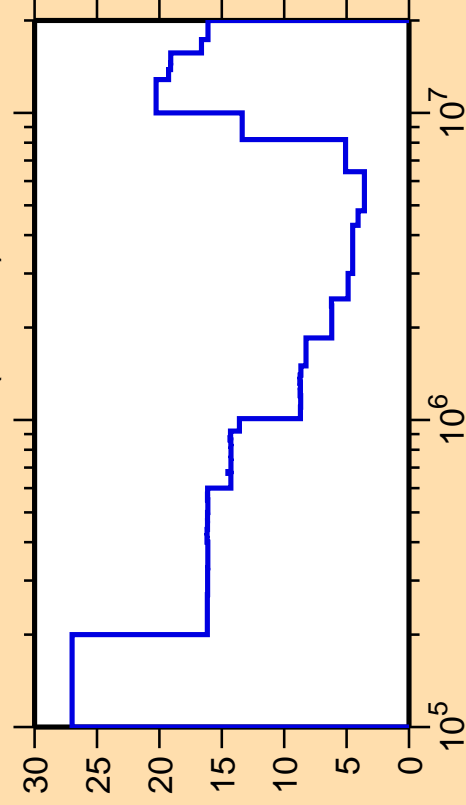
Abscissa scales are energy (eV).



Correlation Matrix



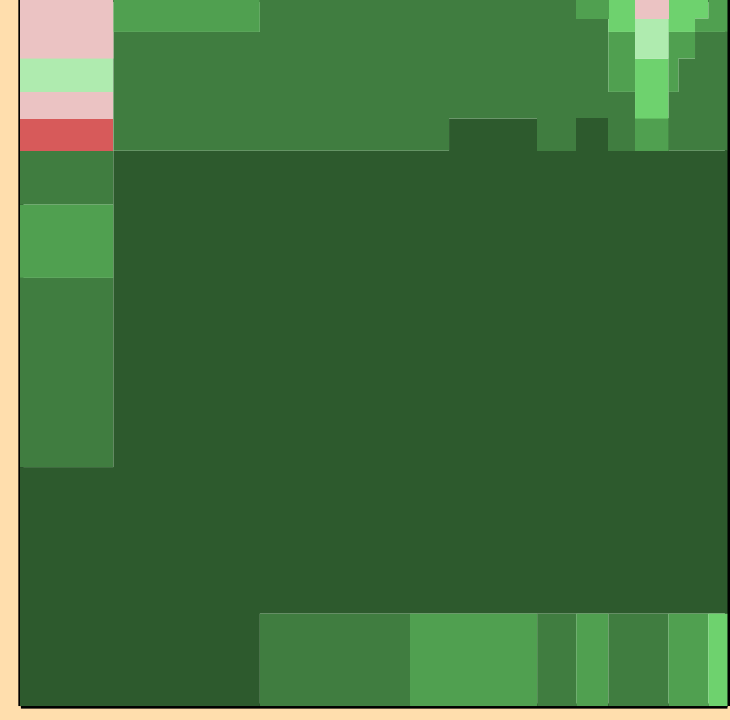
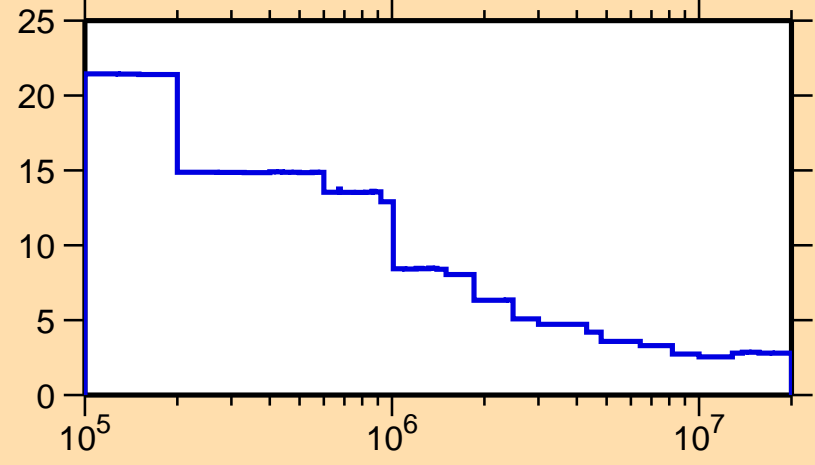
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

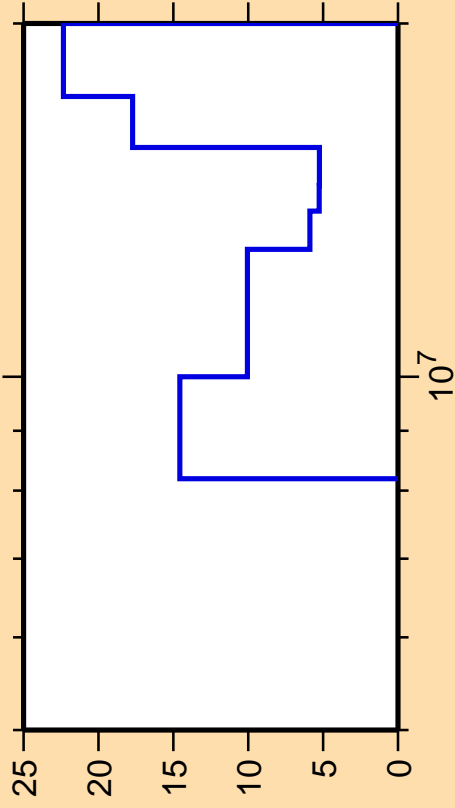
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nonel.})$



Correlation Matrix



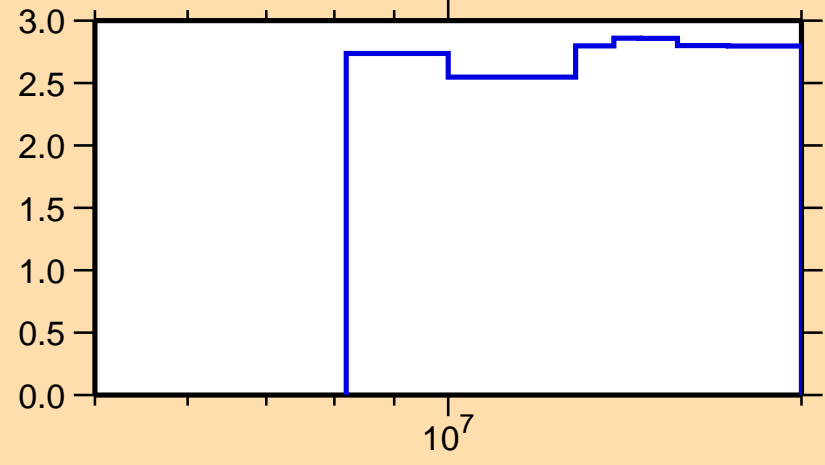
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



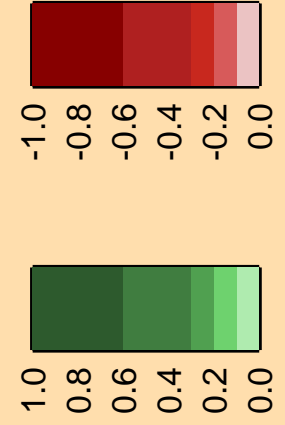
Ordinate scale is %  
relative standard deviation.

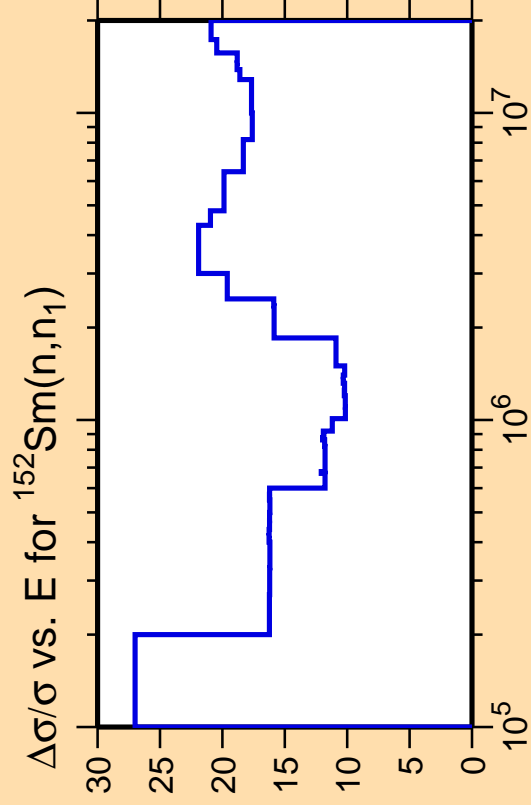
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nonel.})$



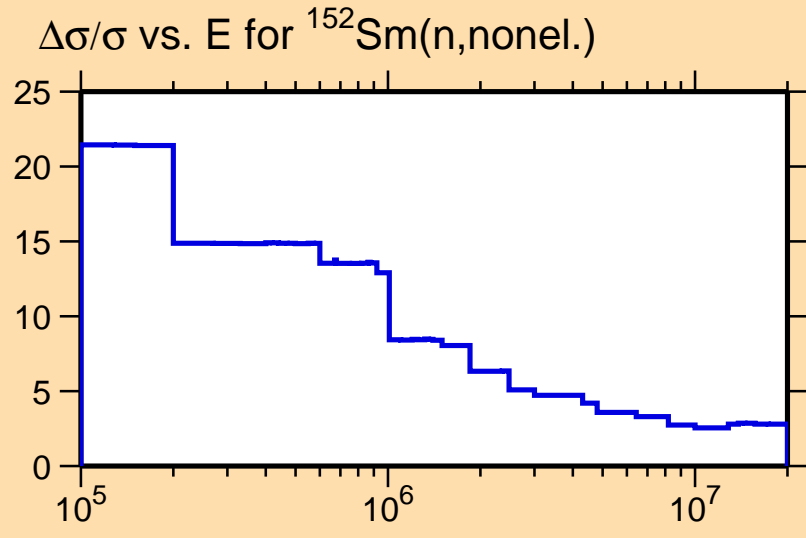
Correlation Matrix





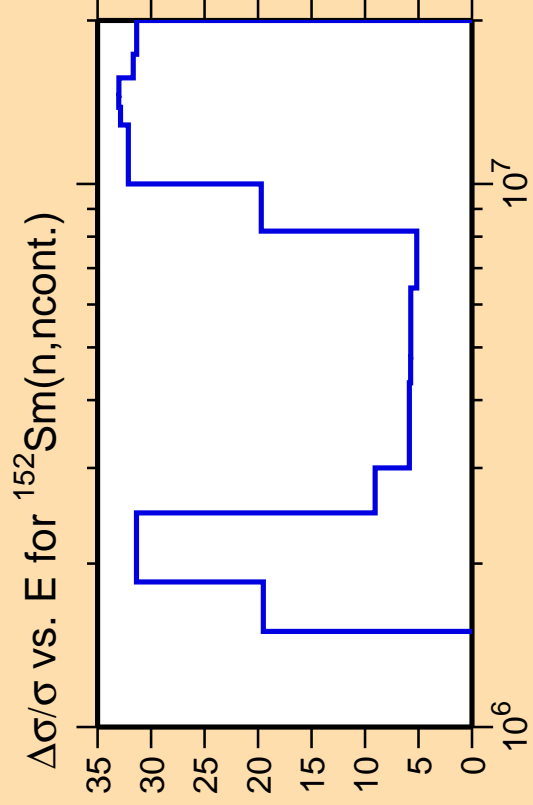
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



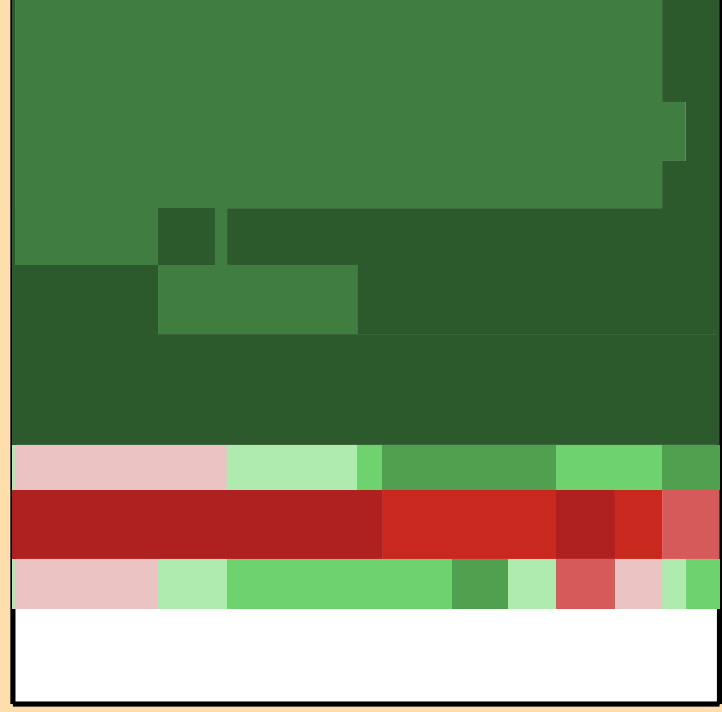
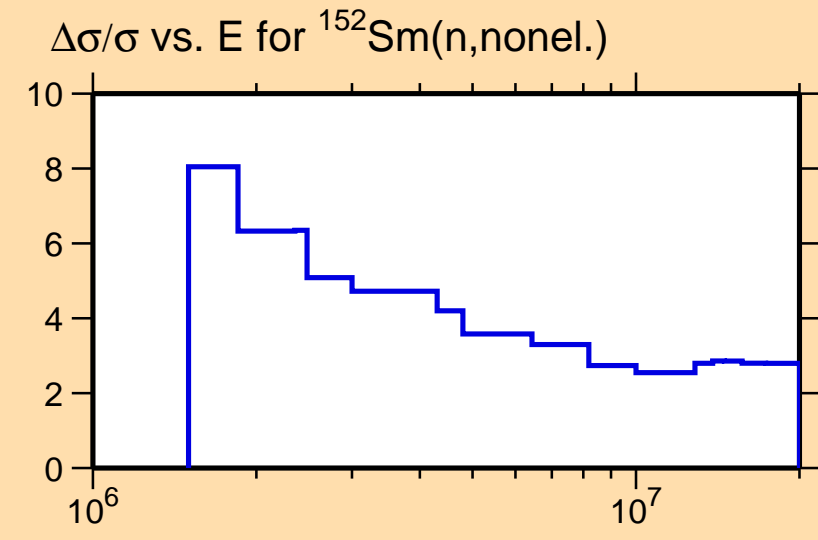
Correlation Matrix



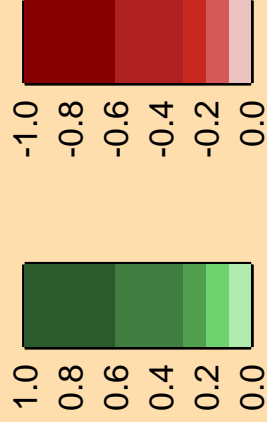


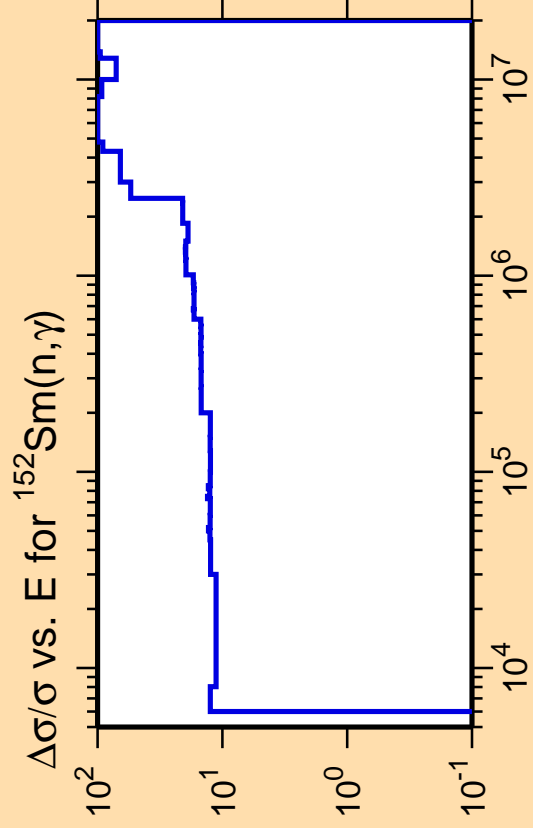
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix

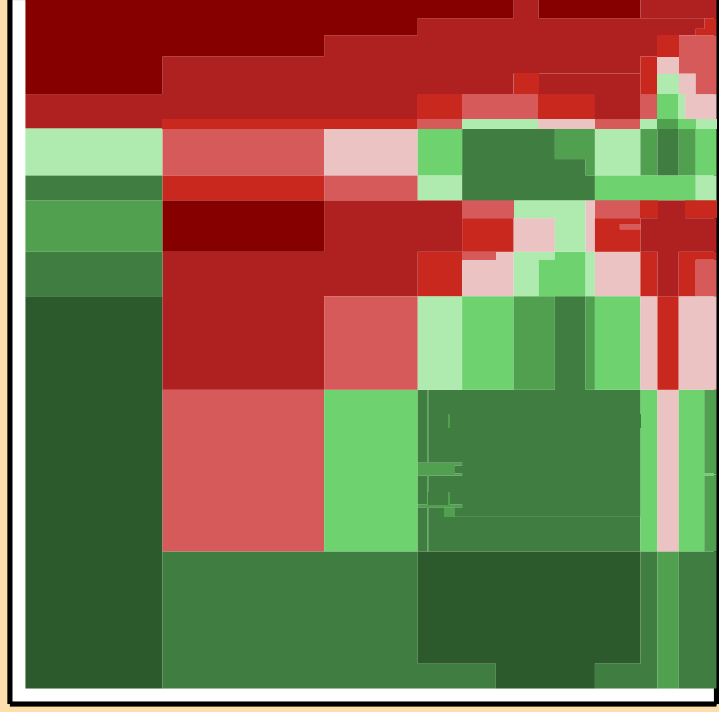
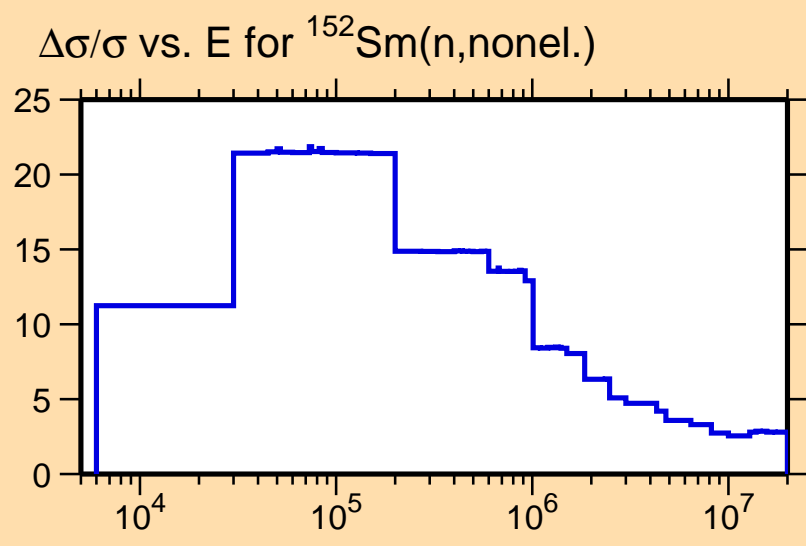




Ordinate scale is %  
relative standard deviation.

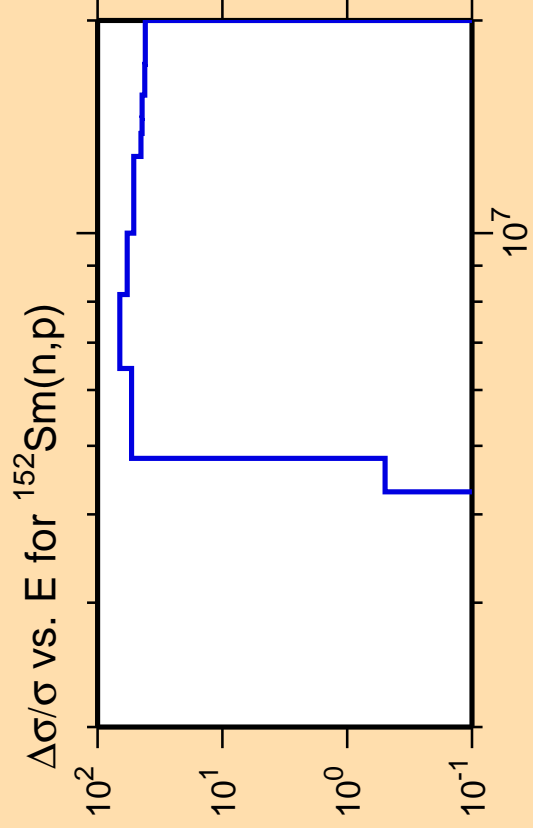
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

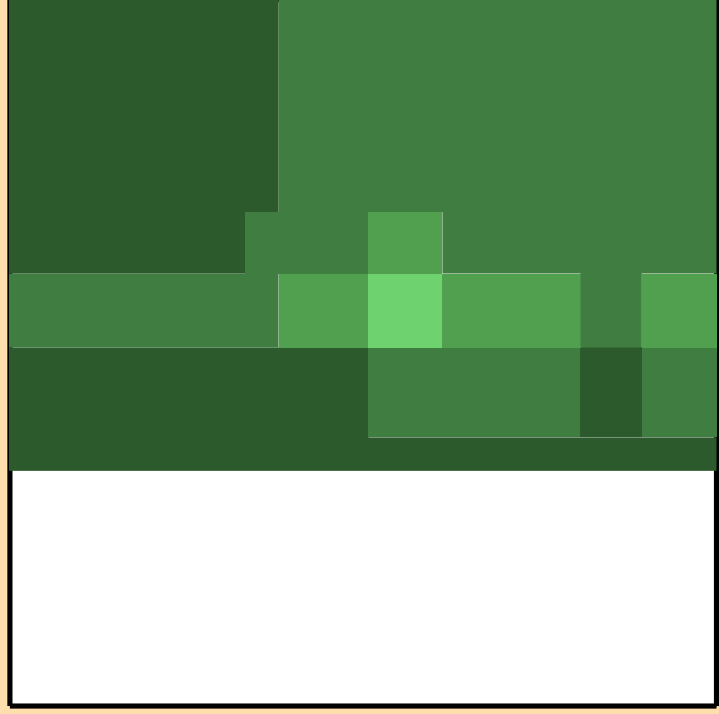
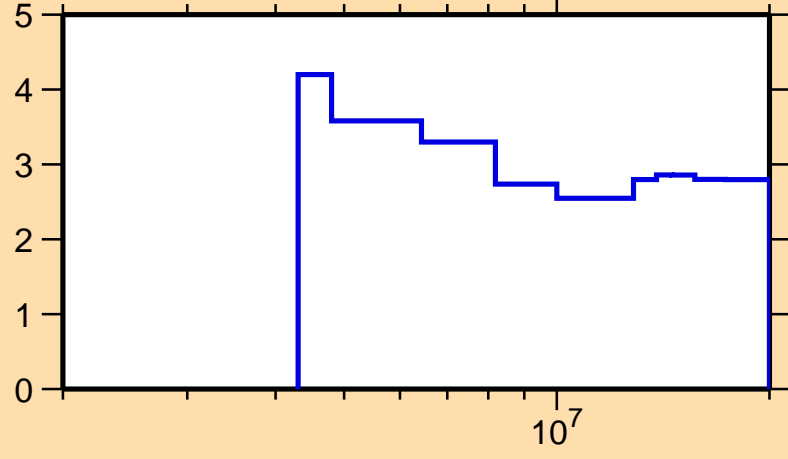




Ordinate scale is %  
relative standard deviation.

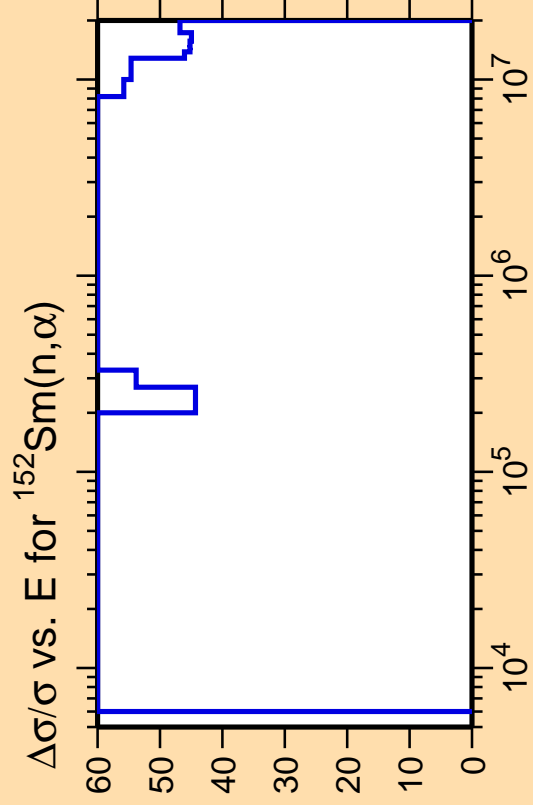
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nonel.})$



Correlation Matrix

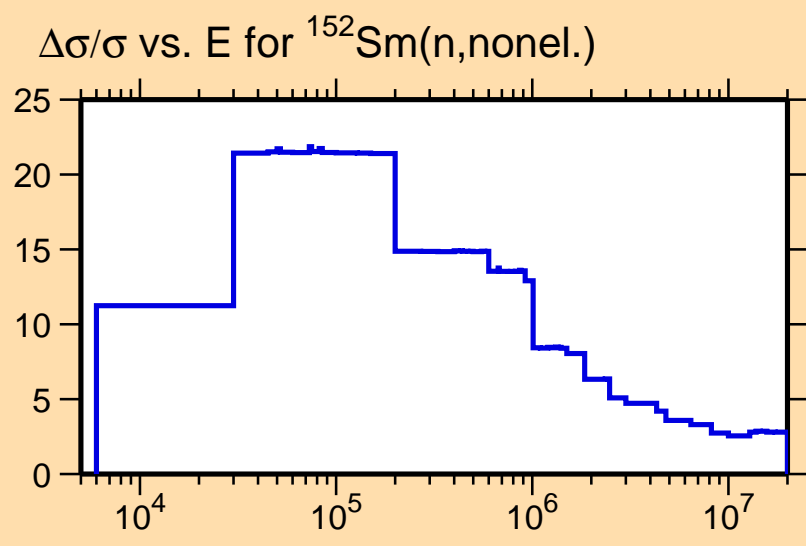




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

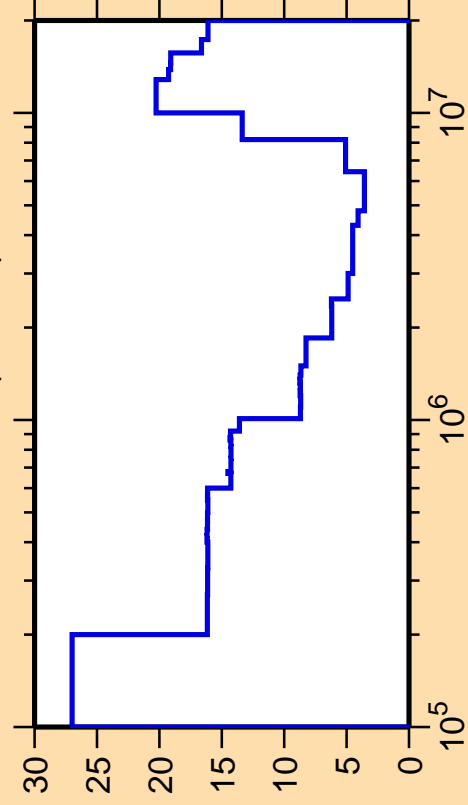
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



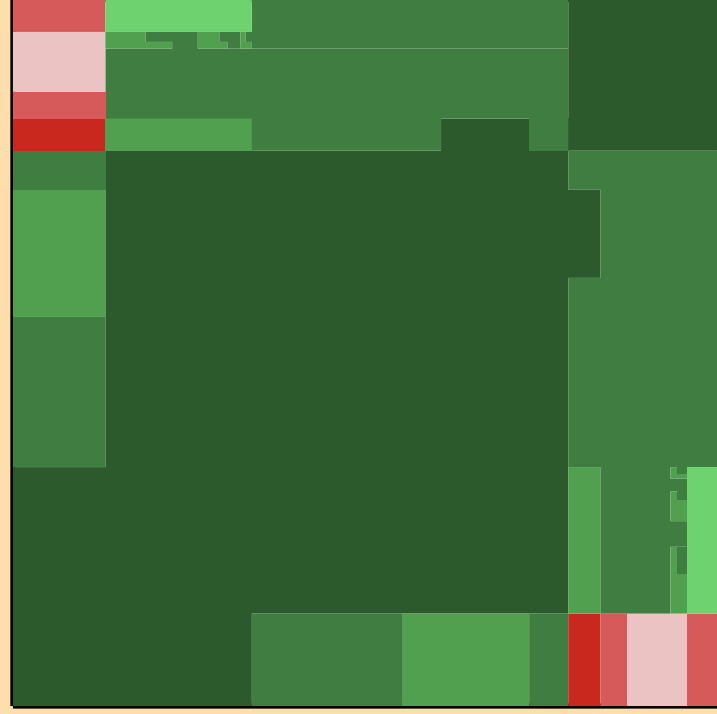
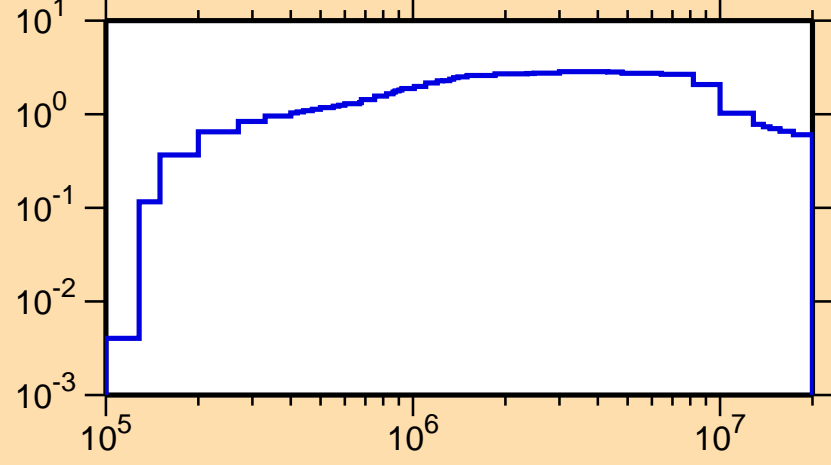
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



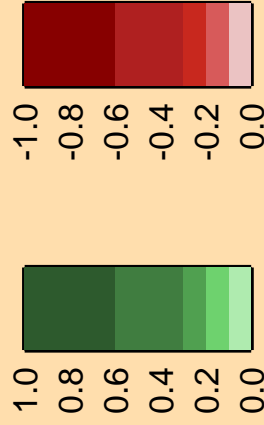
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

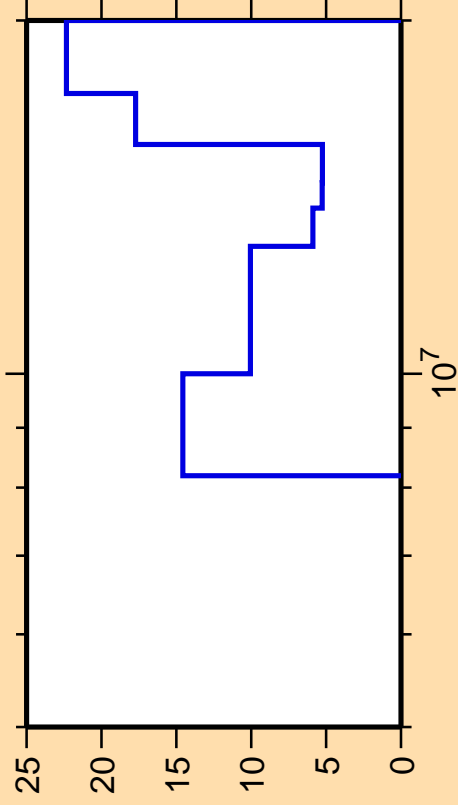
$\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



Correlation Matrix



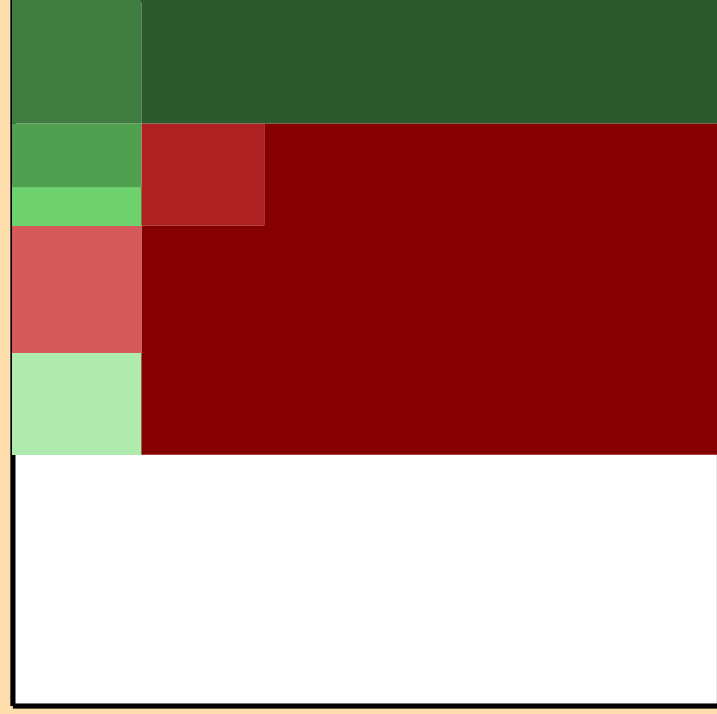
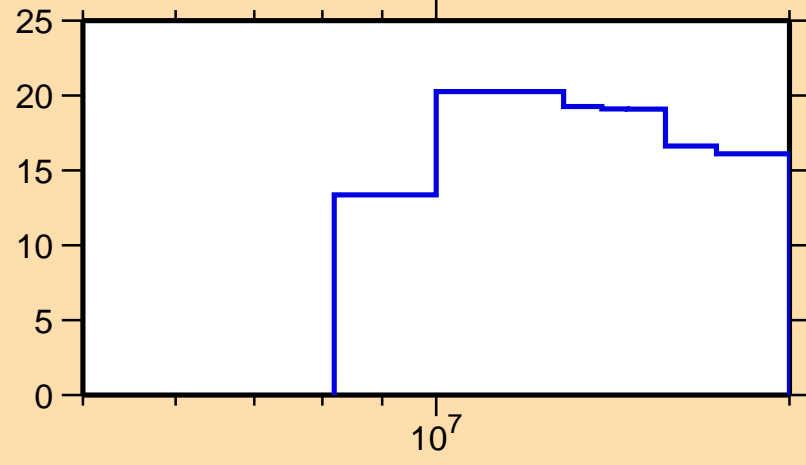
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



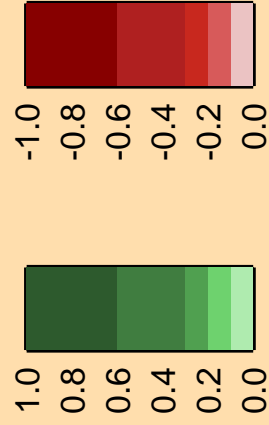
Ordinate scale is %  
relative standard deviation.

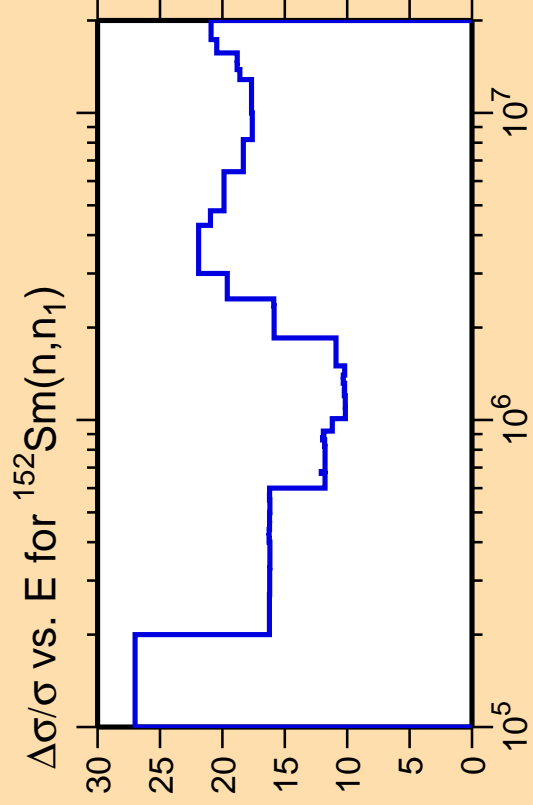
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{inel.})$



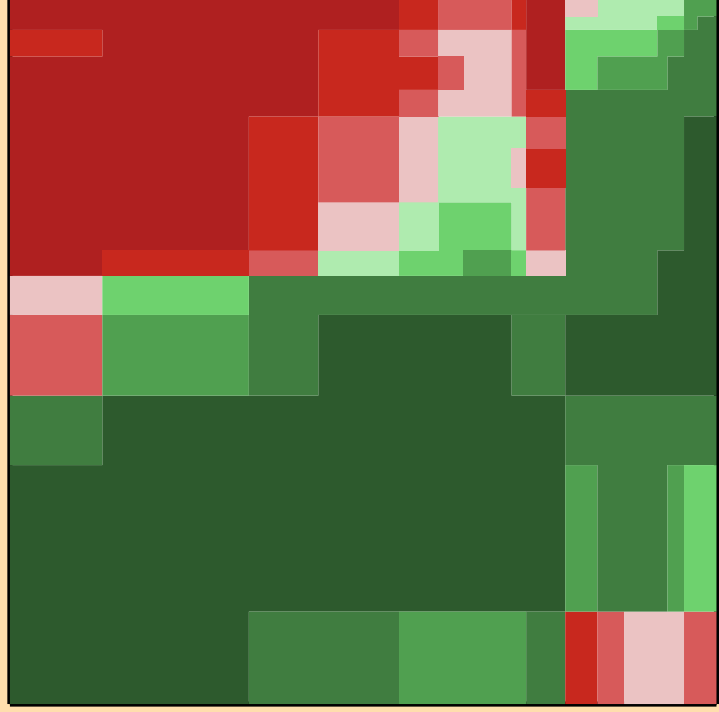
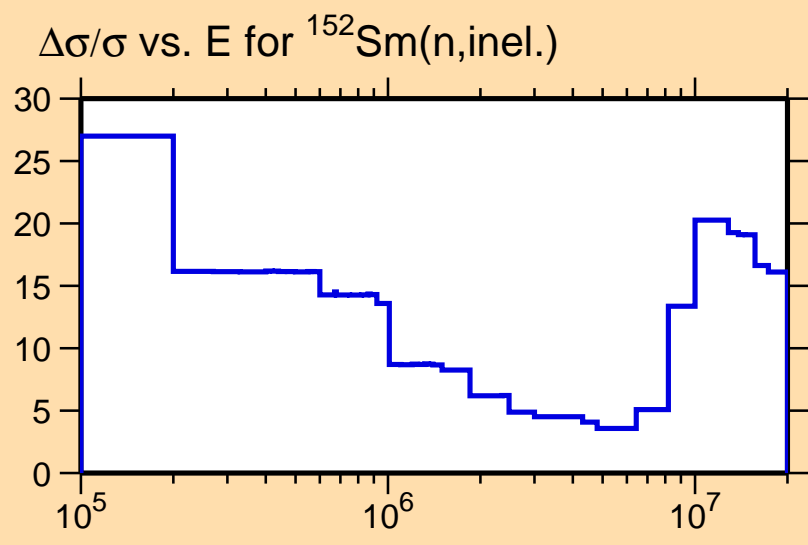
Correlation Matrix



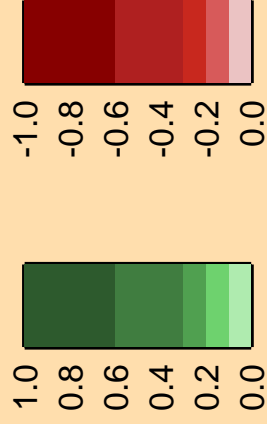


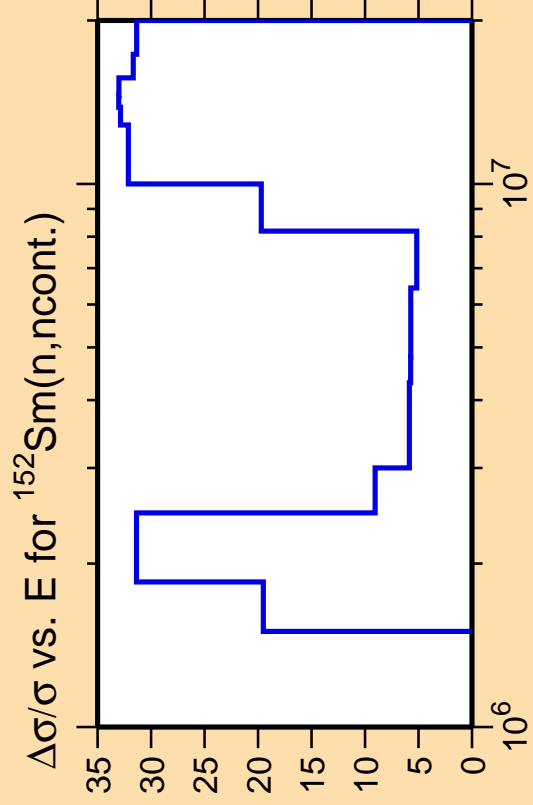
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



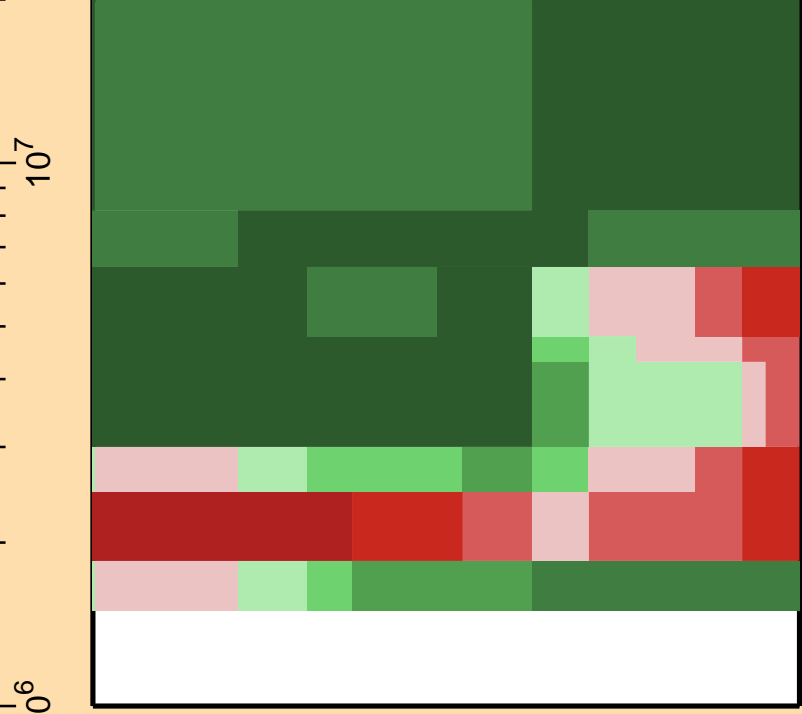
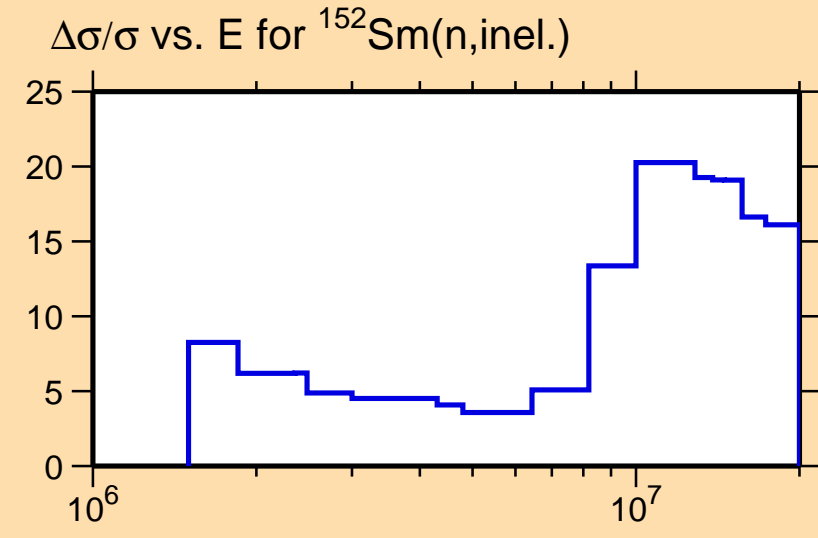
Correlation Matrix



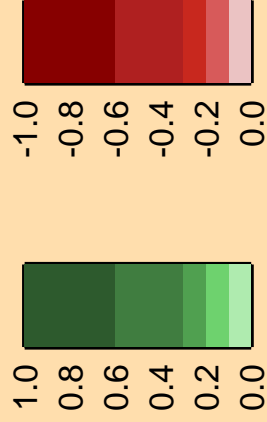


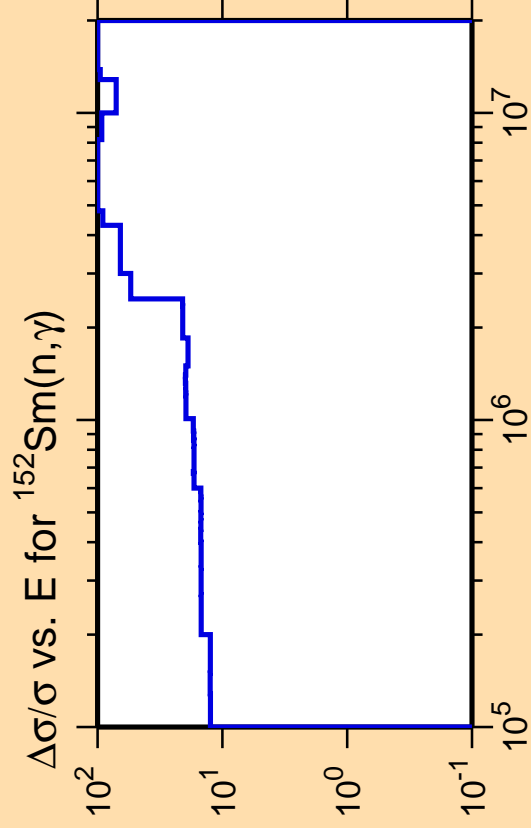
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix

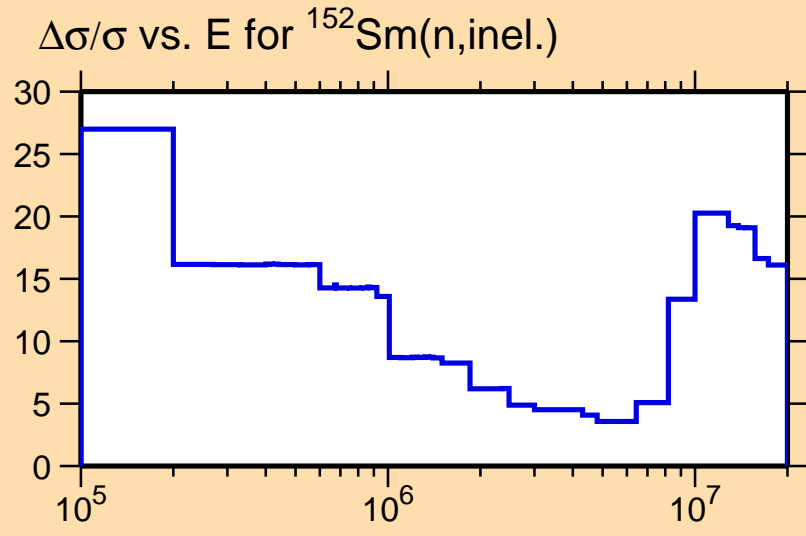




Ordinate scale is %  
relative standard deviation.

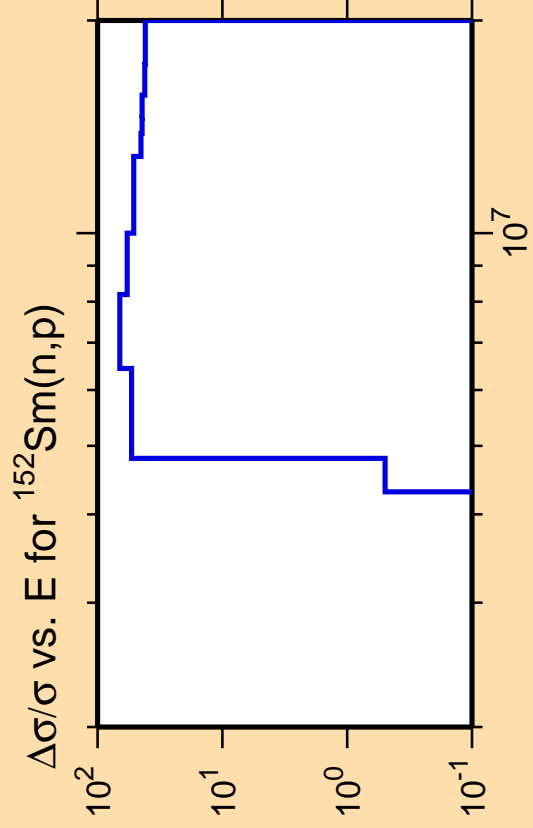
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



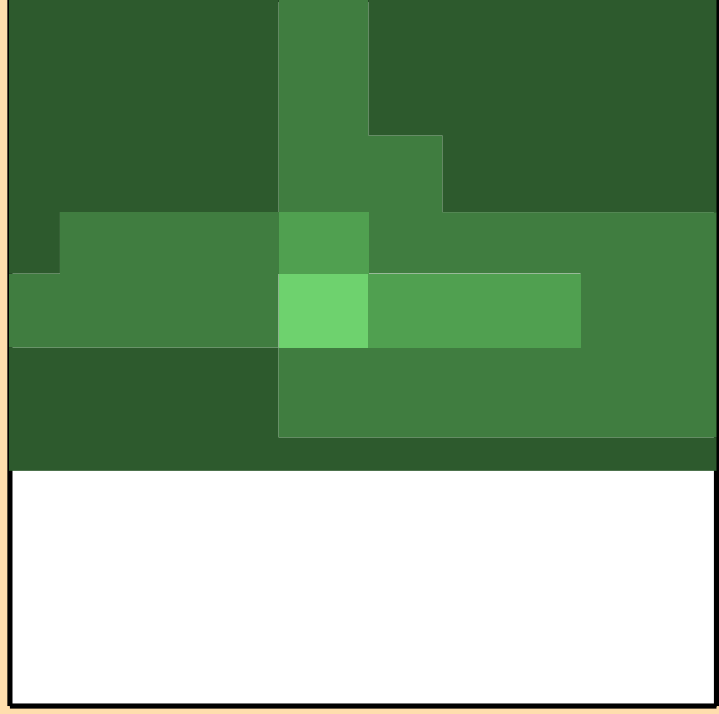
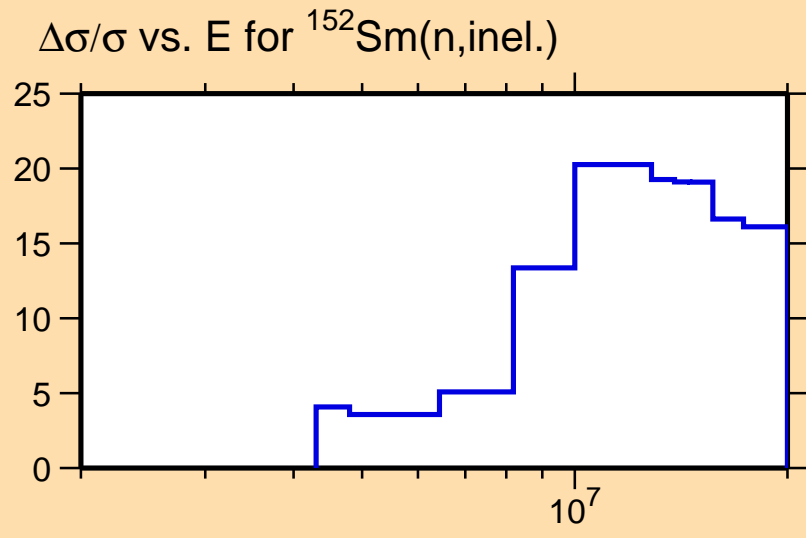
Correlation Matrix



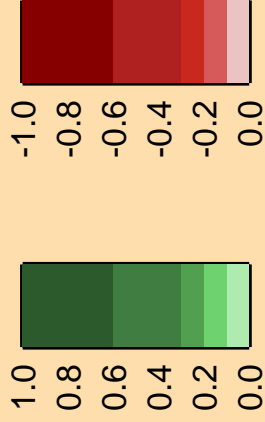


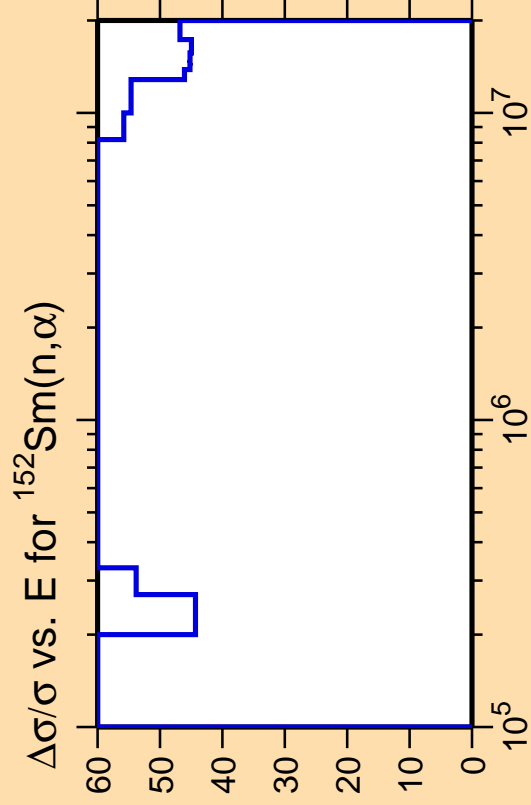
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix

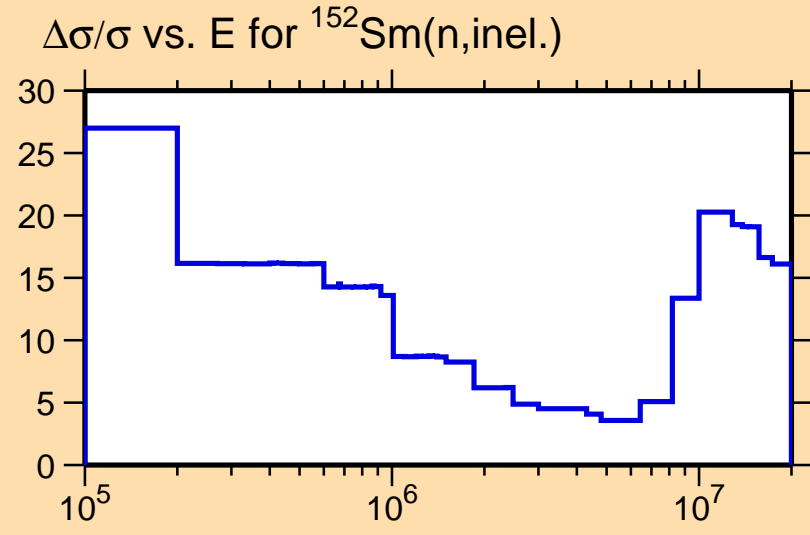




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

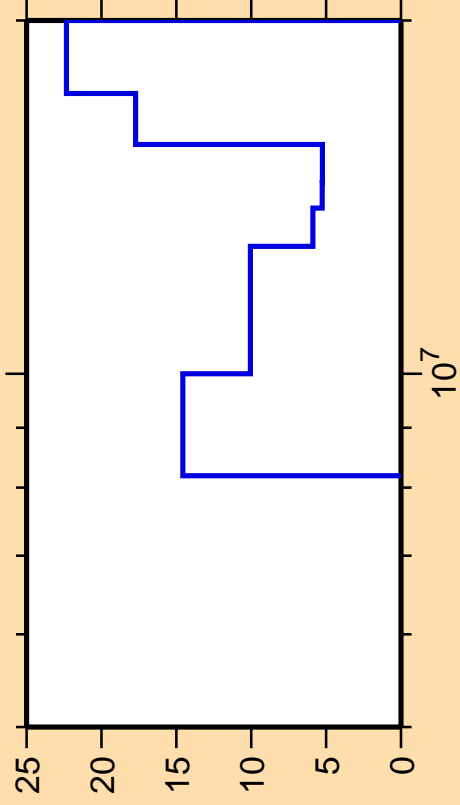
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



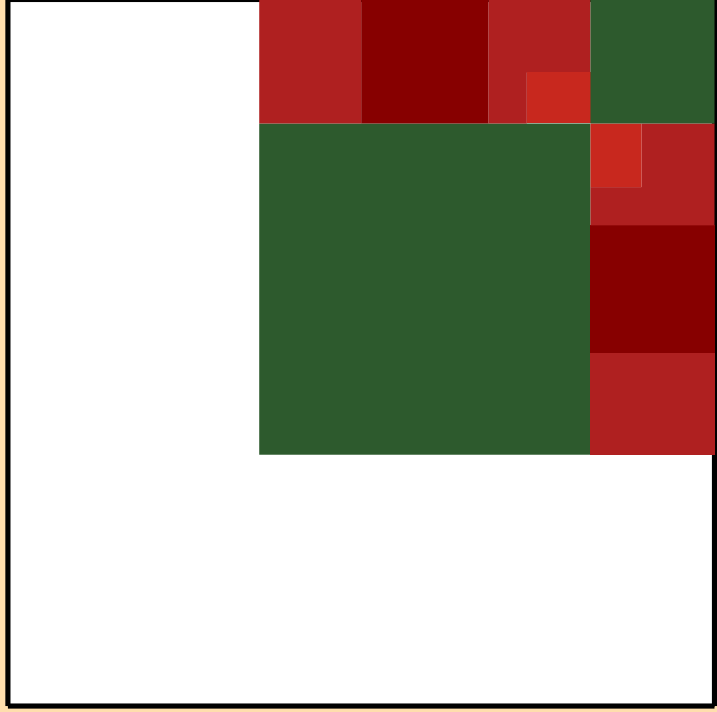
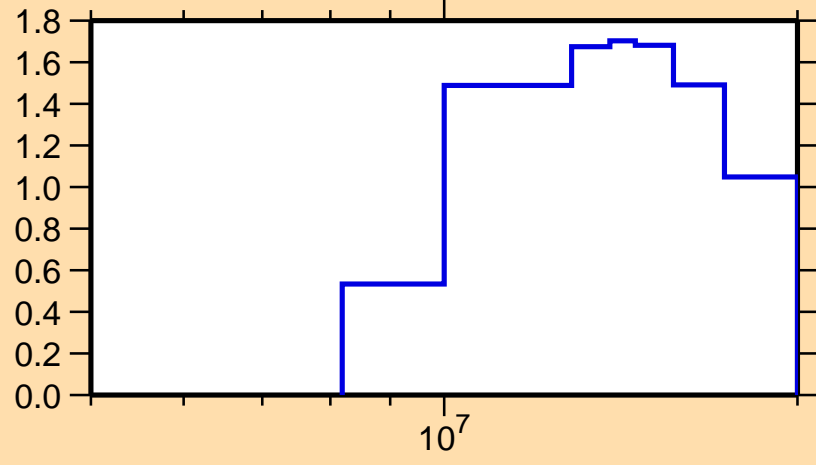
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



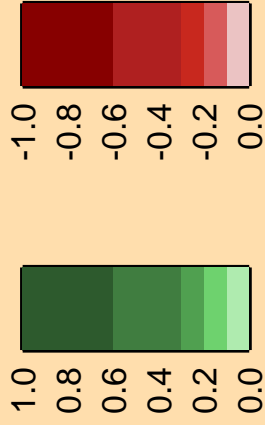
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

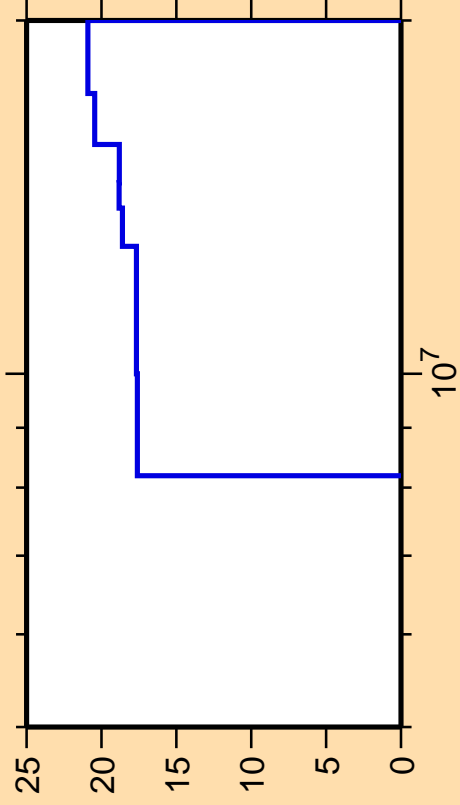
$\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



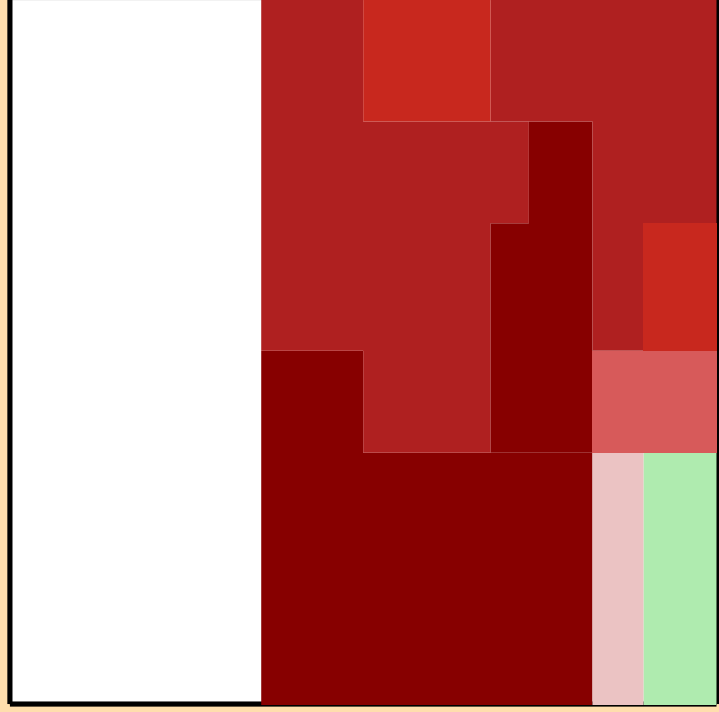
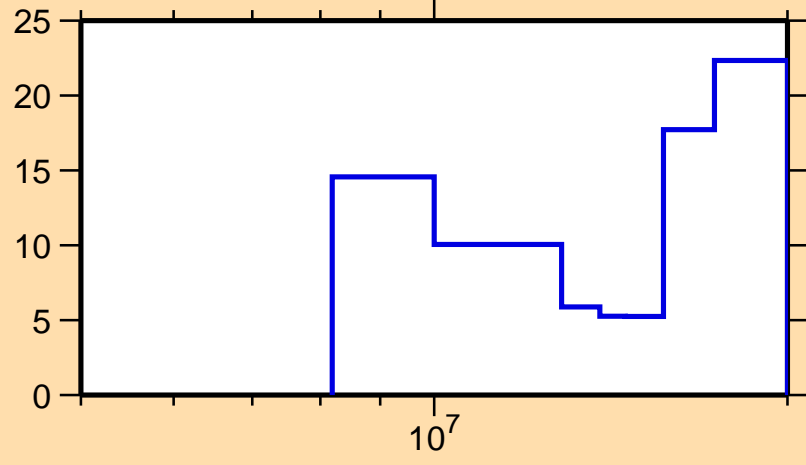
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,n_1)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

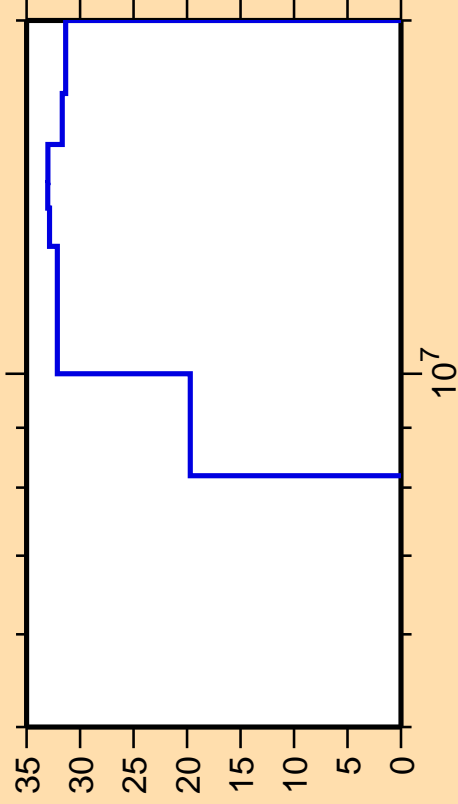
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



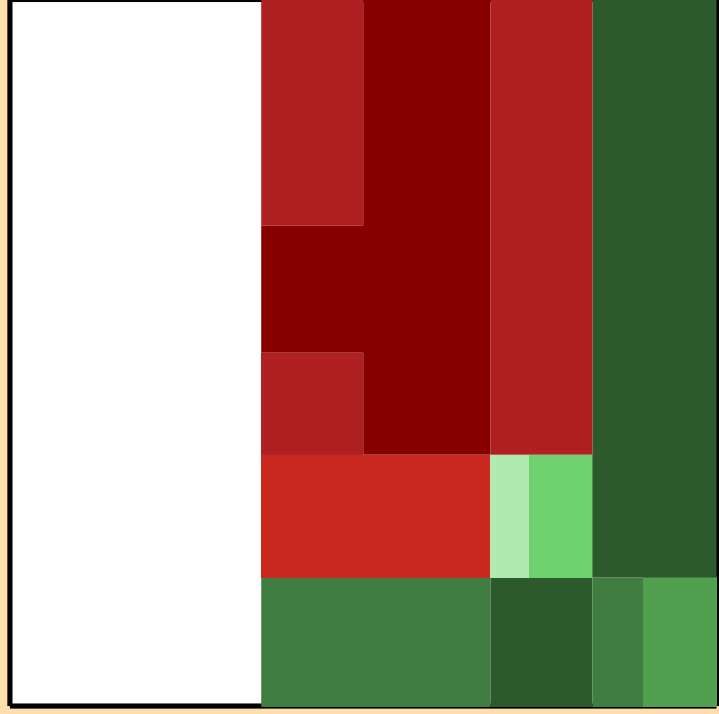
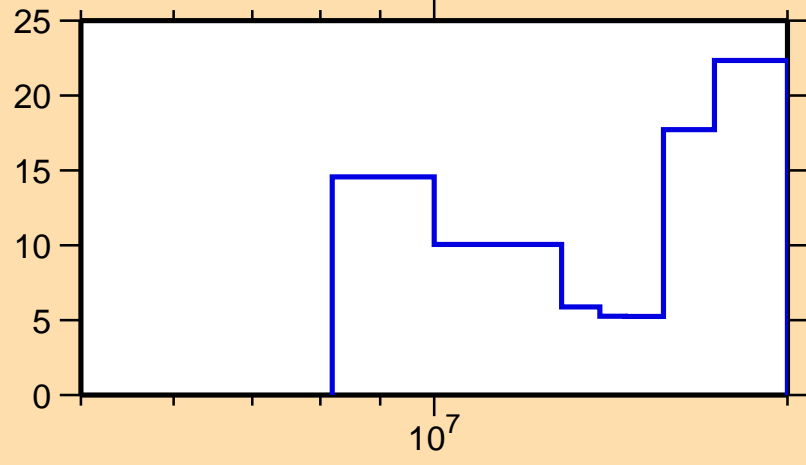
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

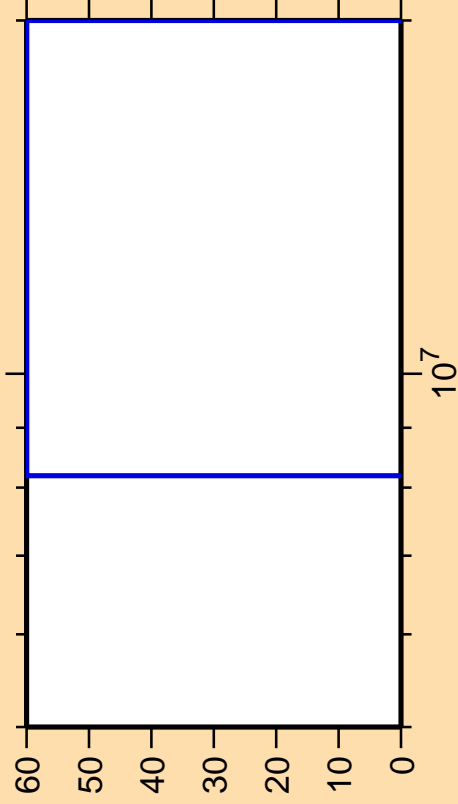
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\gamma)$

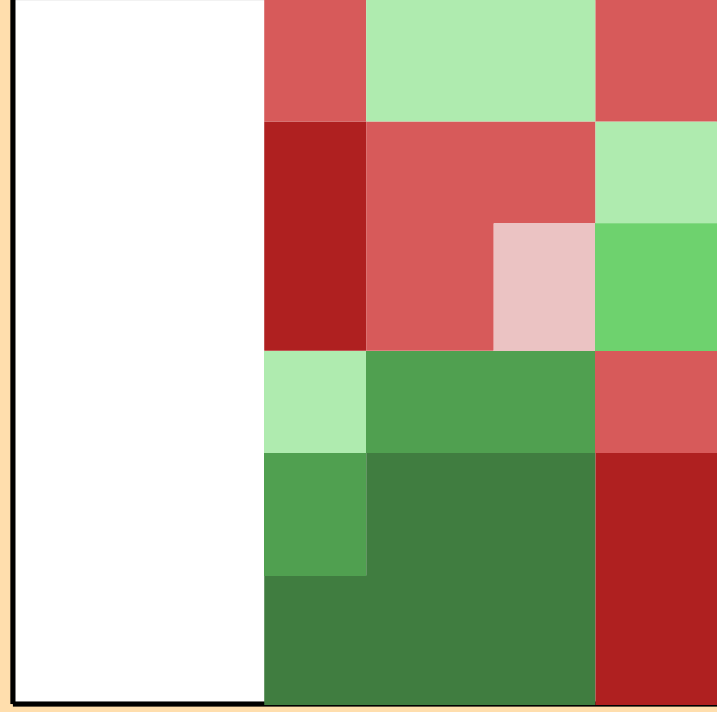
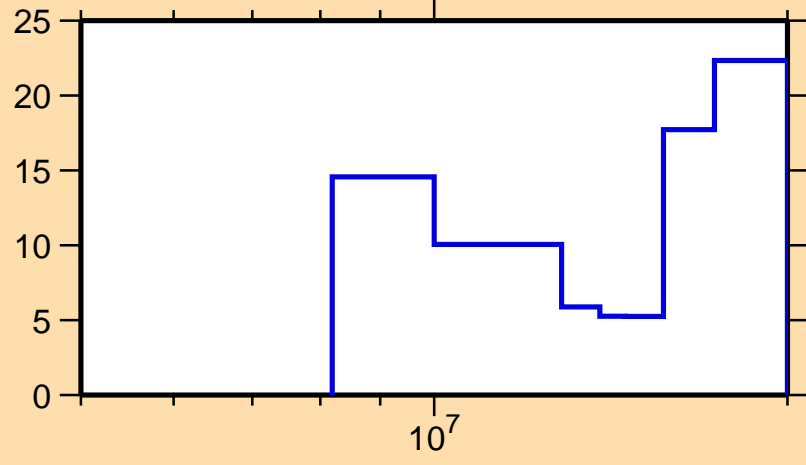


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

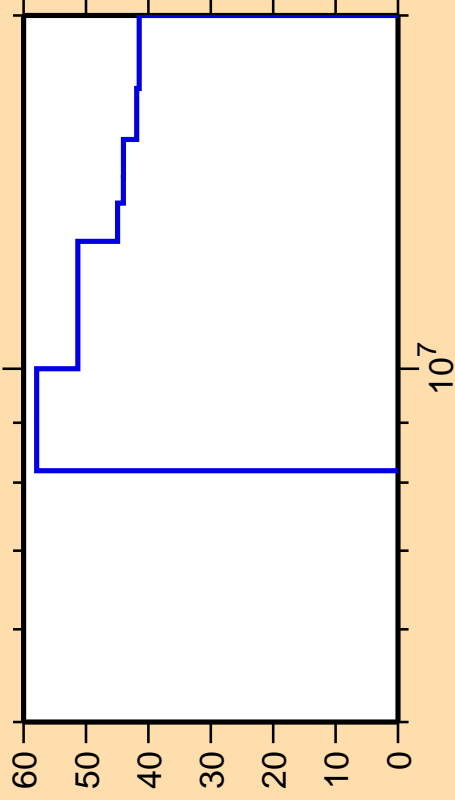
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



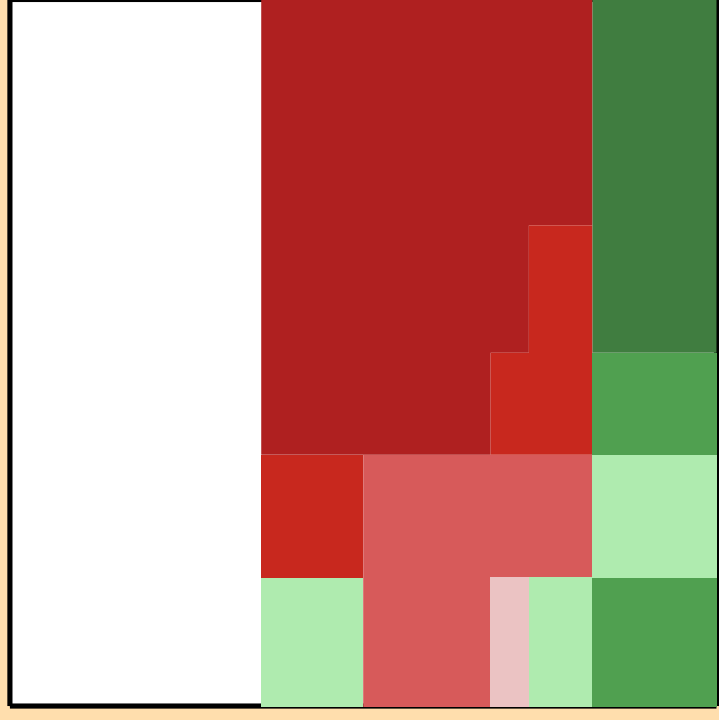
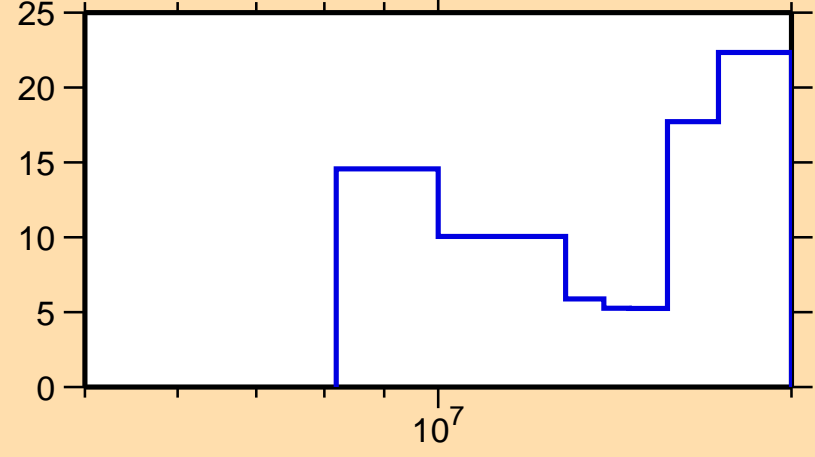
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,p)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

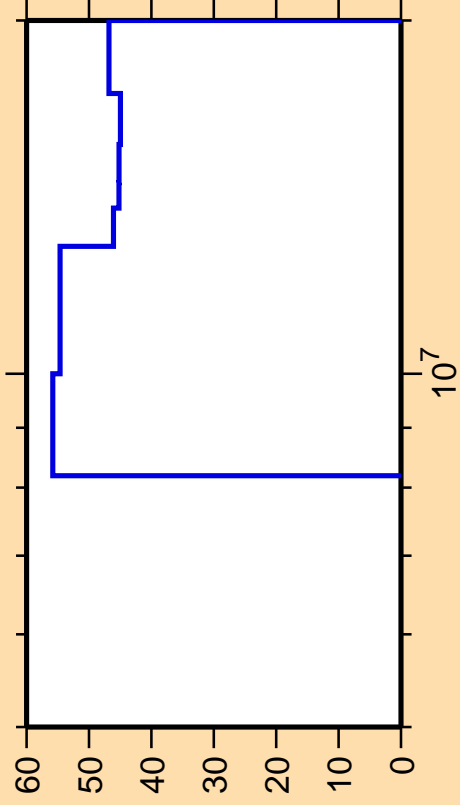
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



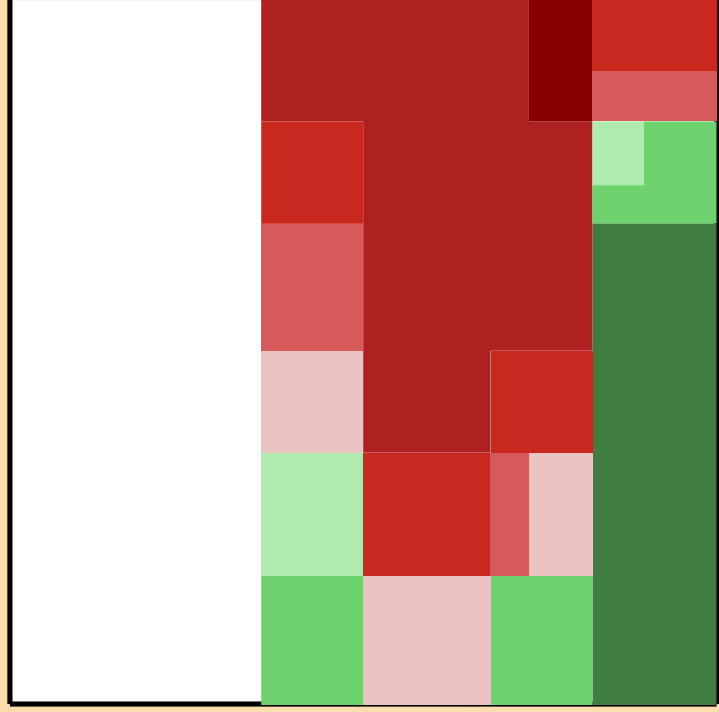
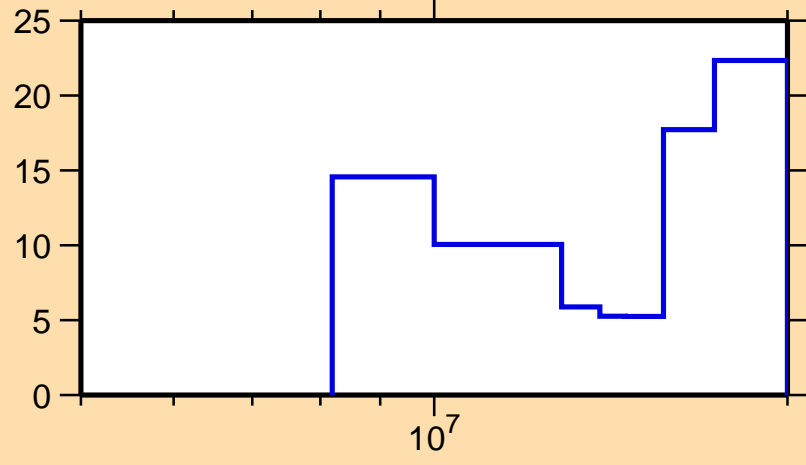
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\alpha)$



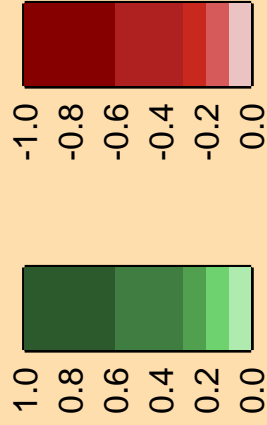
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

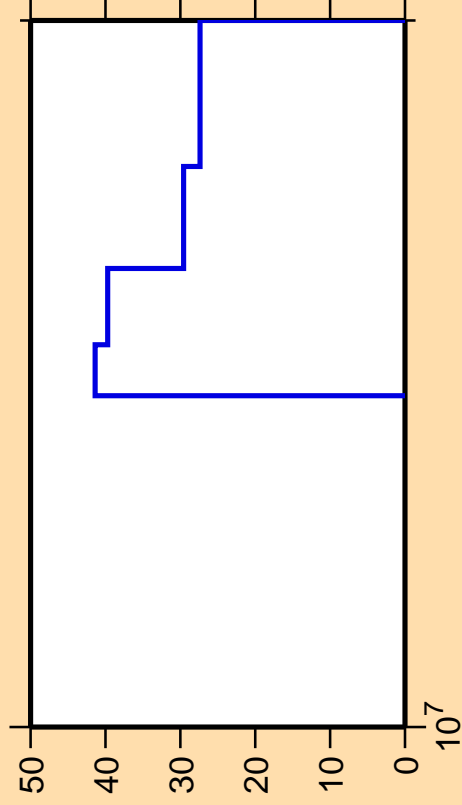
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2n)$



Correlation Matrix



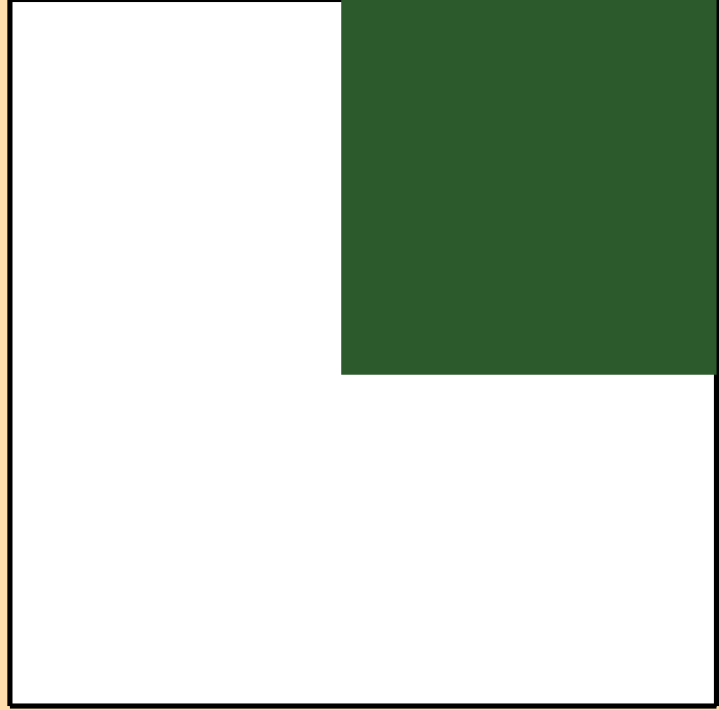
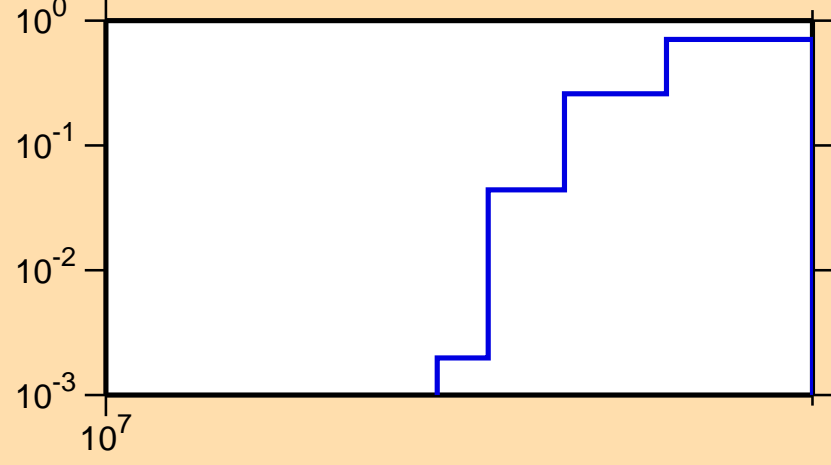
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,3n)$



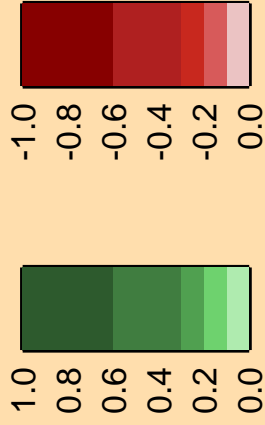
Ordinate scales are % relative standard deviation and barns.

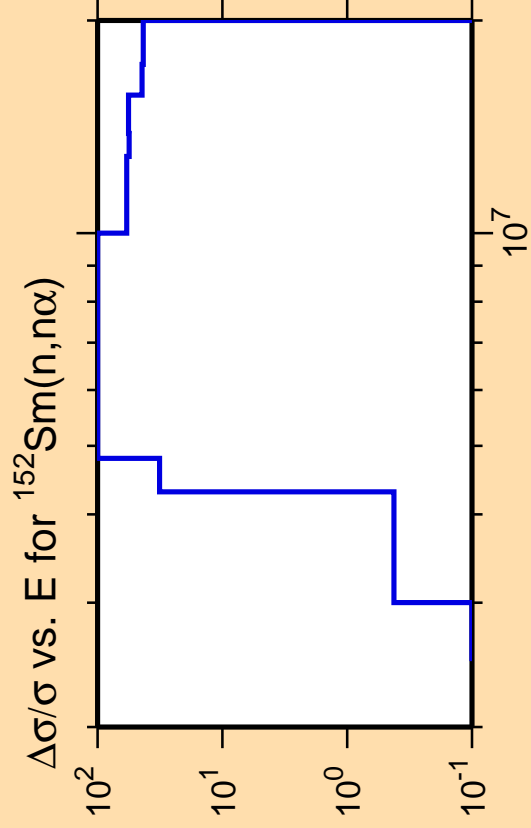
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{152}\text{Sm}(n,3n)$



Correlation Matrix

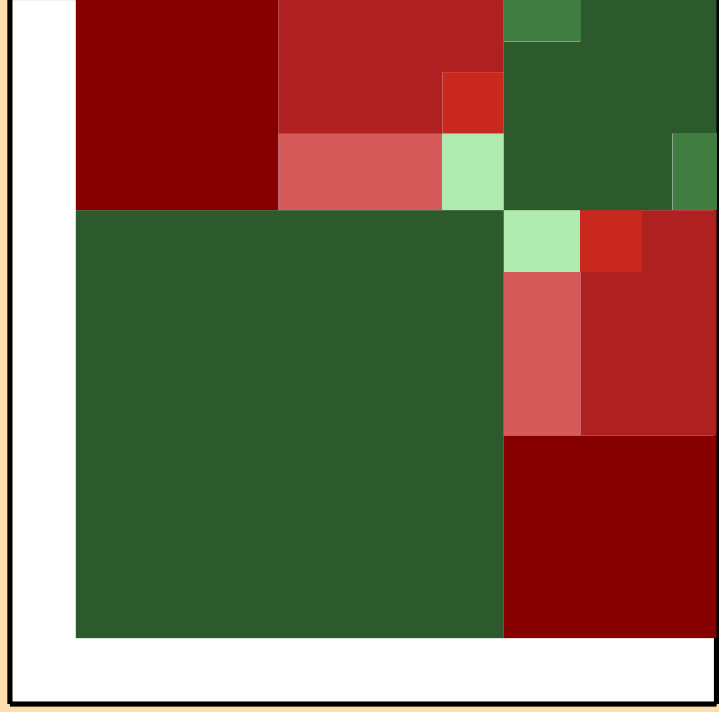
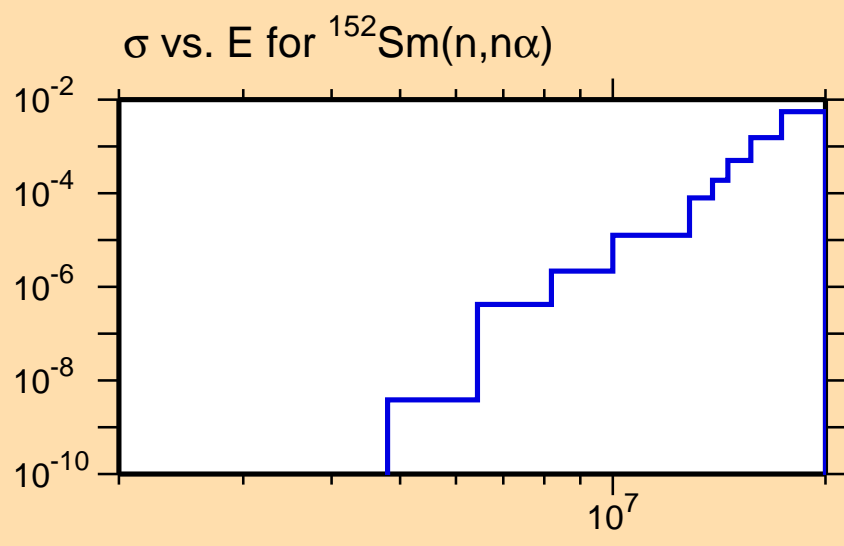




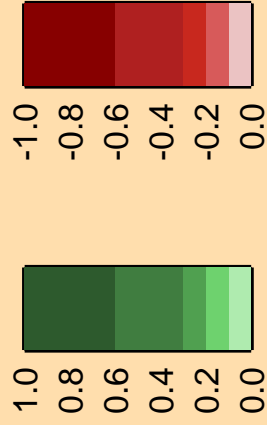
Ordinate scales are % relative standard deviation and barns.

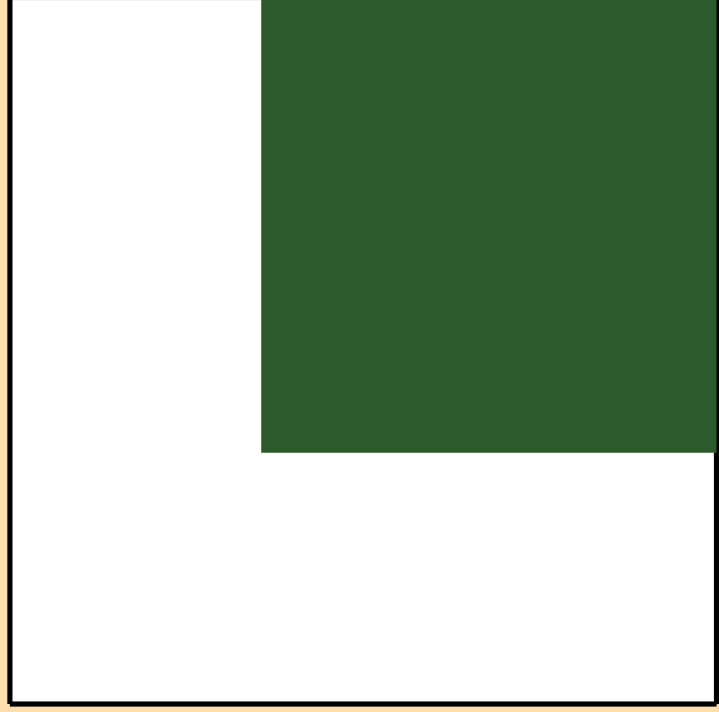
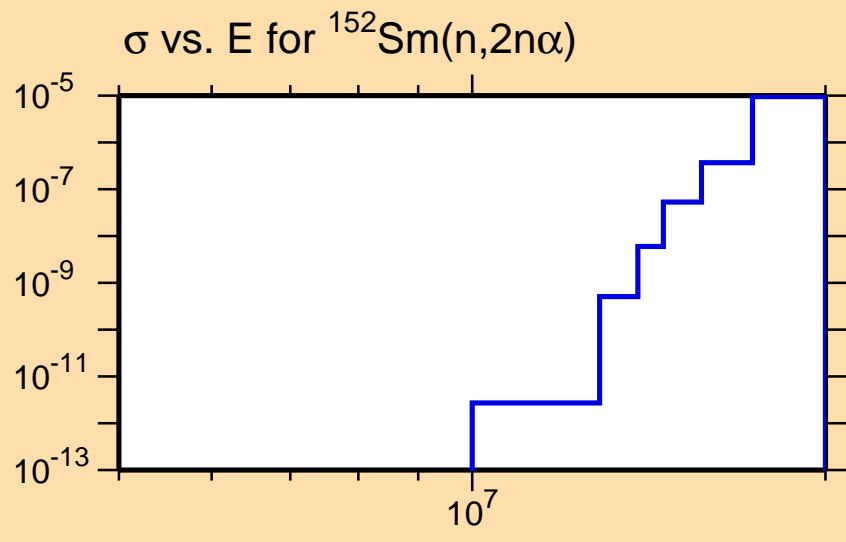
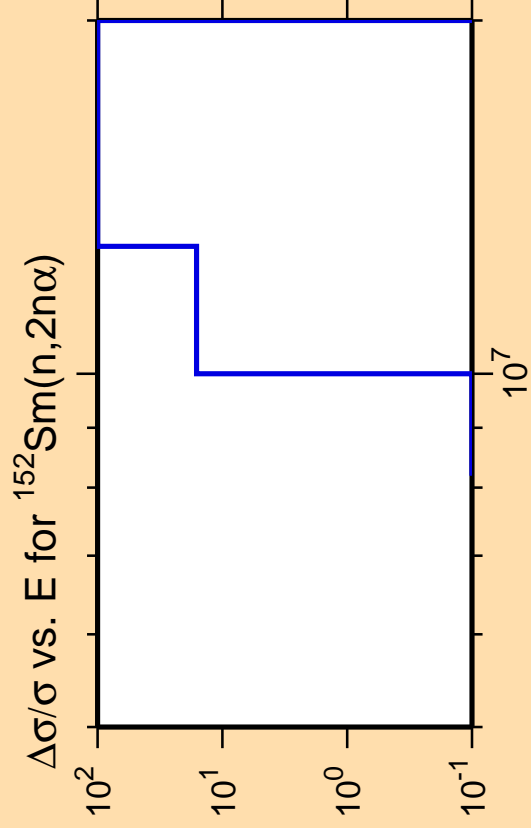
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

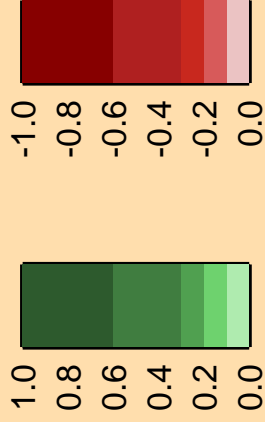


Correlation Matrix

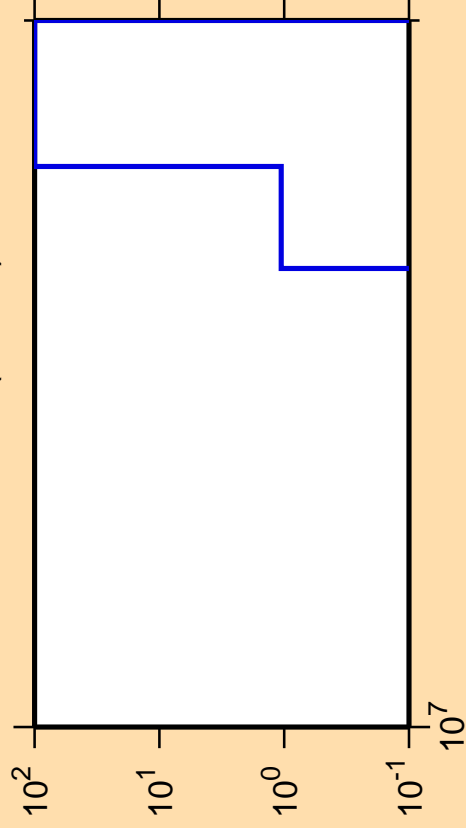




Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,3n\alpha)$

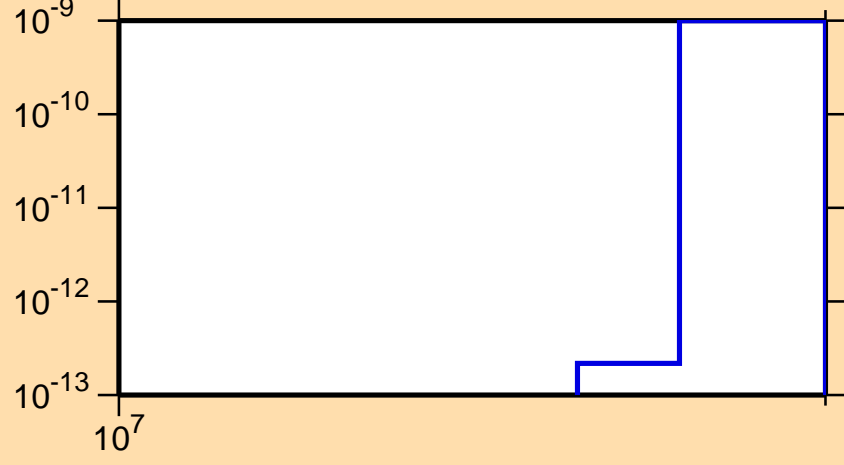


Ordinate scales are % relative standard deviation and barns.

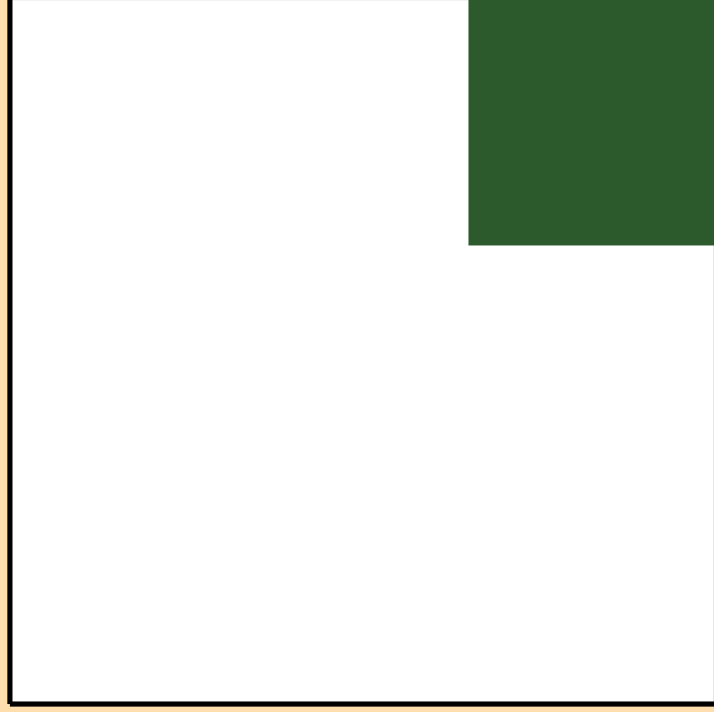
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

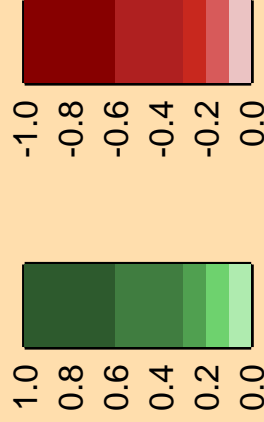
$\sigma$  vs. E for  $^{152}\text{Sm}(n,3n\alpha)$



$10^7$

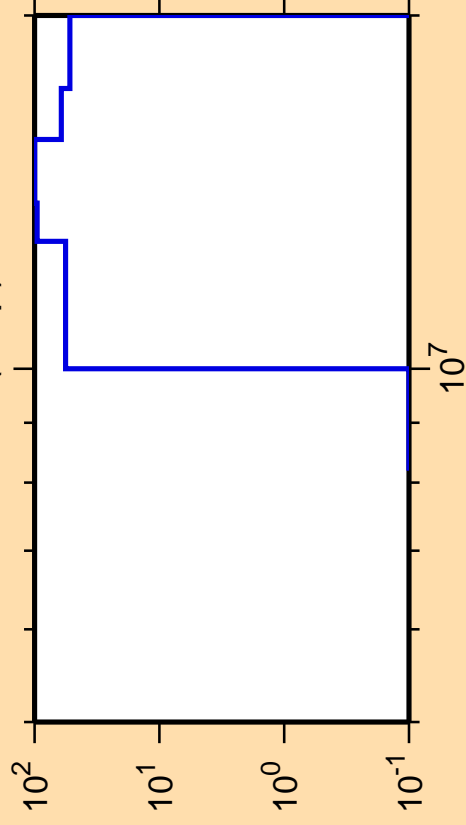


Correlation Matrix



-1.0  
-0.8  
-0.6  
-0.4  
-0.2  
0.0

$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,np)$

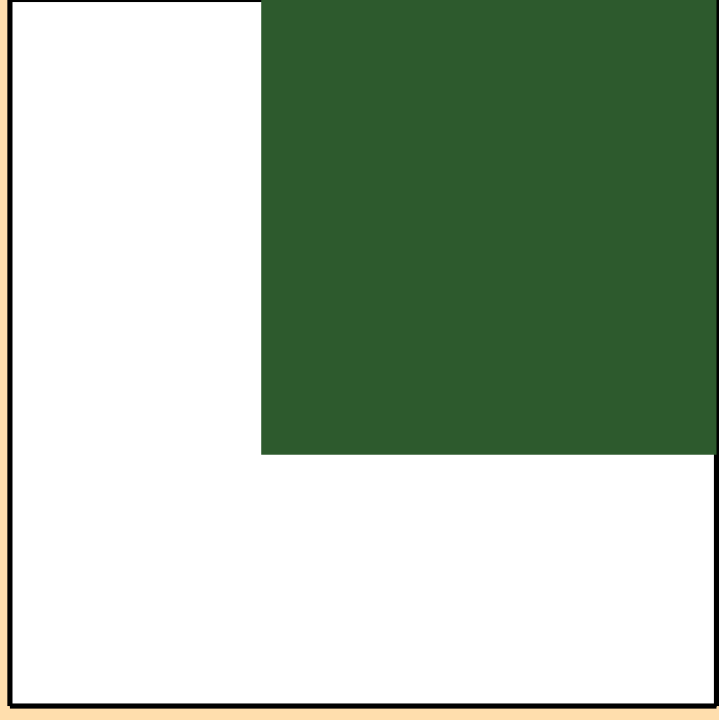
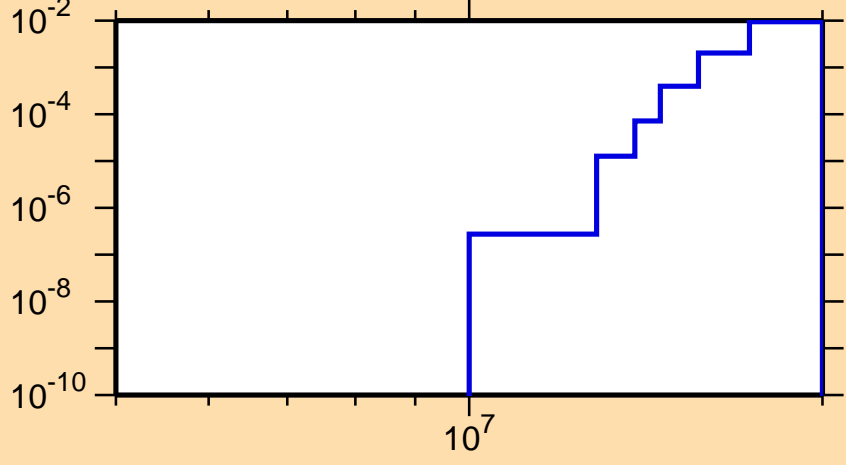


Ordinate scales are % relative standard deviation and barns.

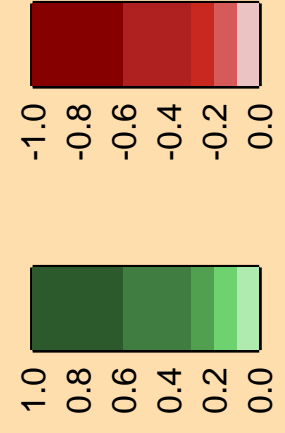
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

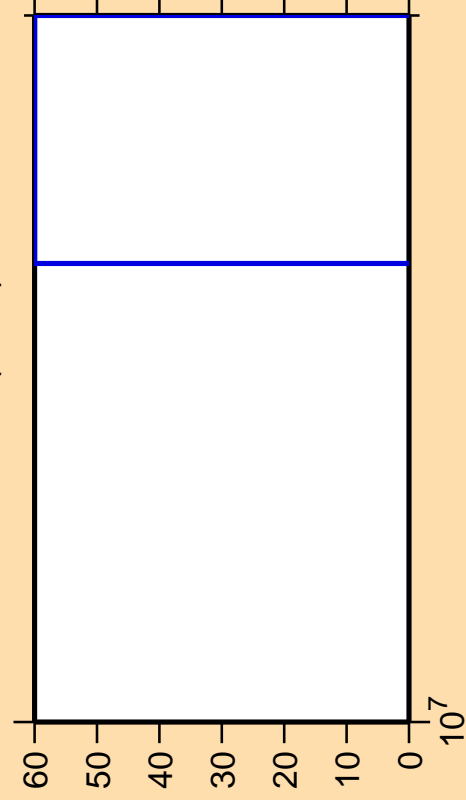
$\sigma$  vs. E for  $^{152}\text{Sm}(n,np)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nd})$

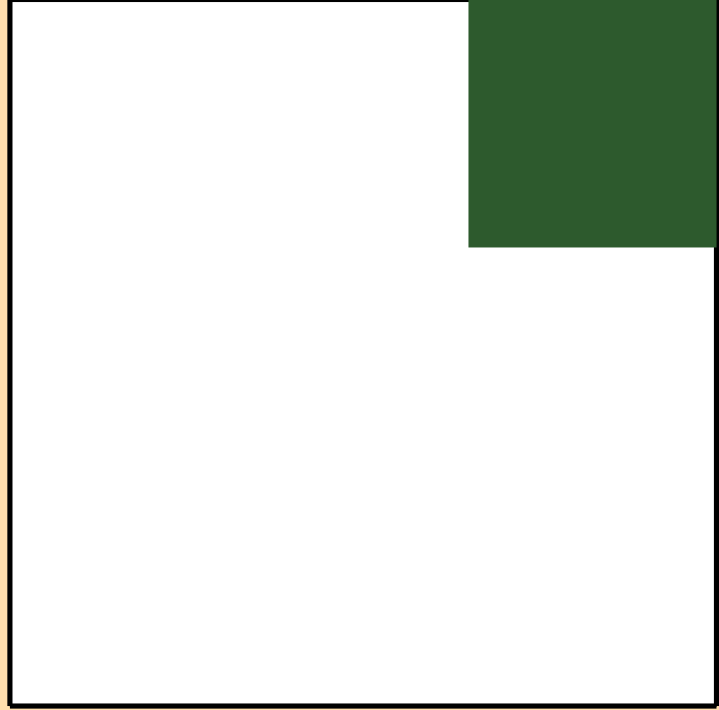
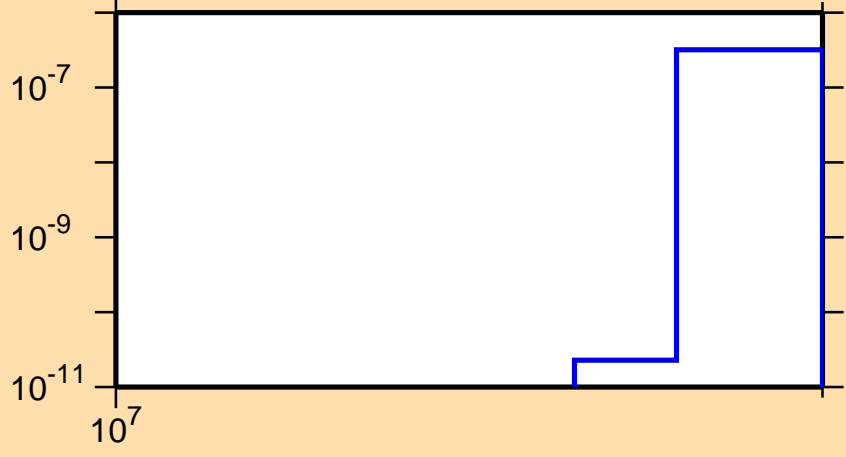


Ordinate scales are % relative standard deviation and barns.

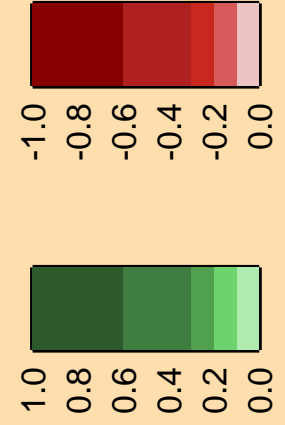
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

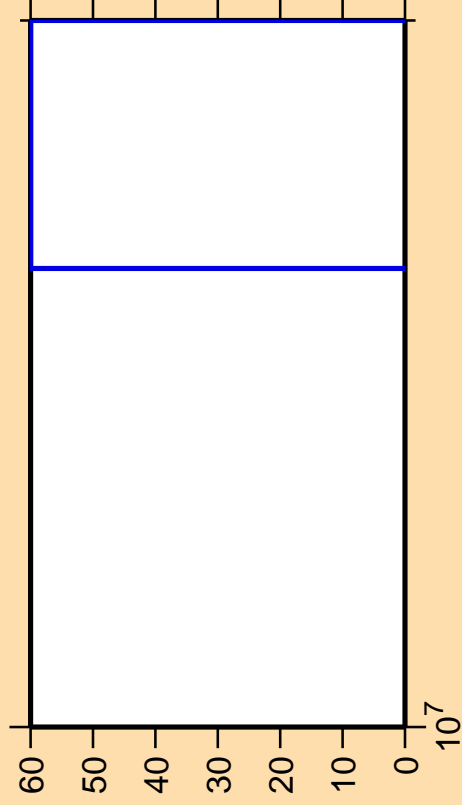
$\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{nd})$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,nt)$

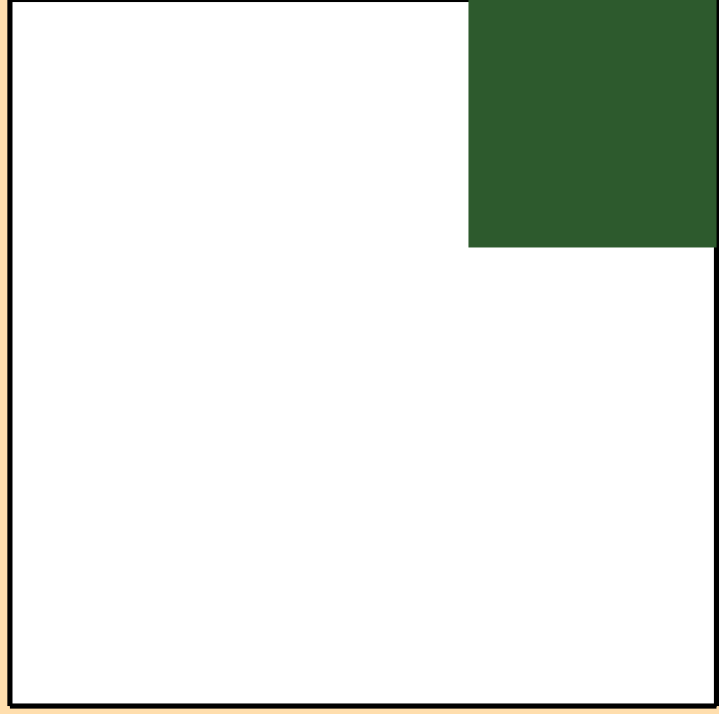


Ordinate scales are % relative standard deviation and barns.

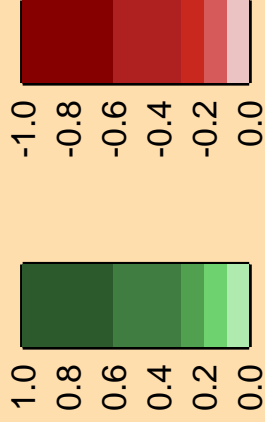
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

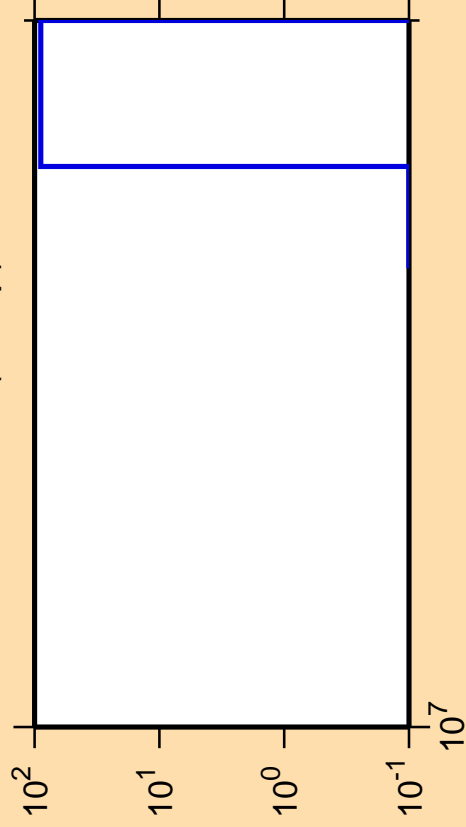
$\sigma$  vs. E for  $^{152}\text{Sm}(n,nt)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,2np)$

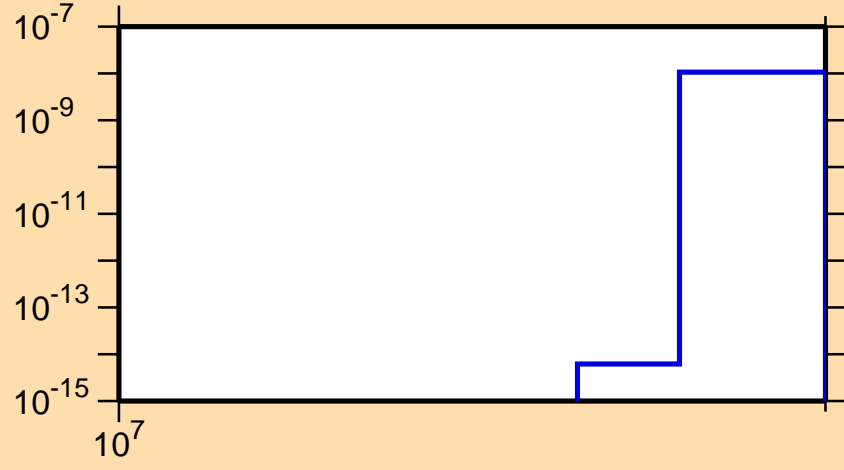


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{152}\text{Sm}(n,2np)$



$10^7$

$10^{-7}$

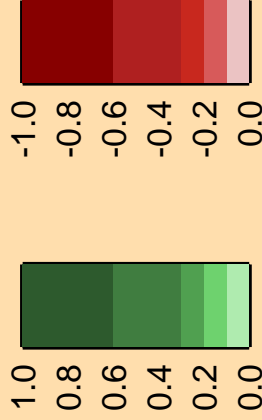
$10^{-9}$

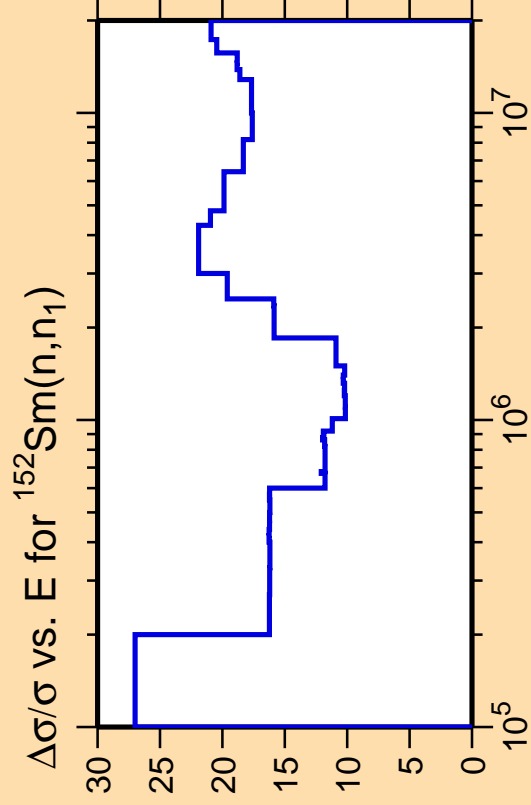
$10^{-11}$

$10^{-13}$

$10^{-15}$

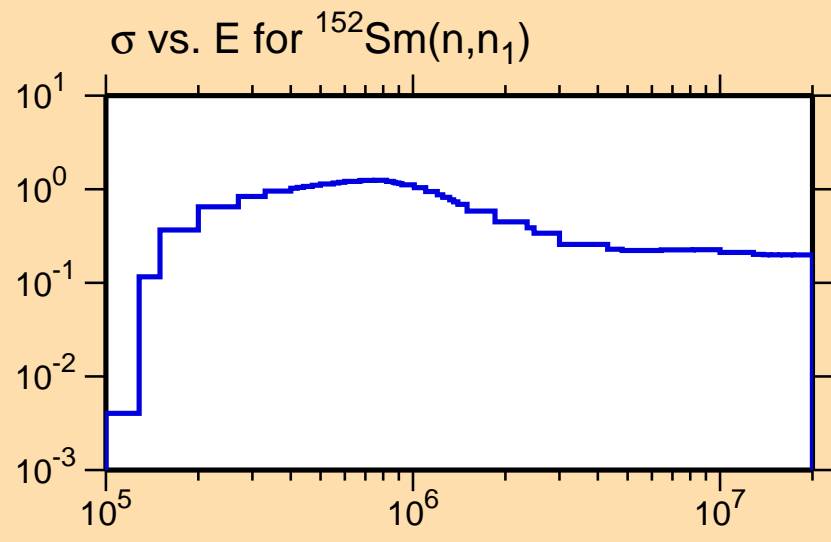
Correlation Matrix



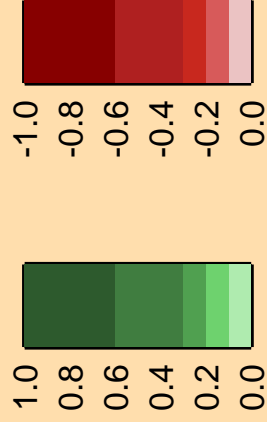


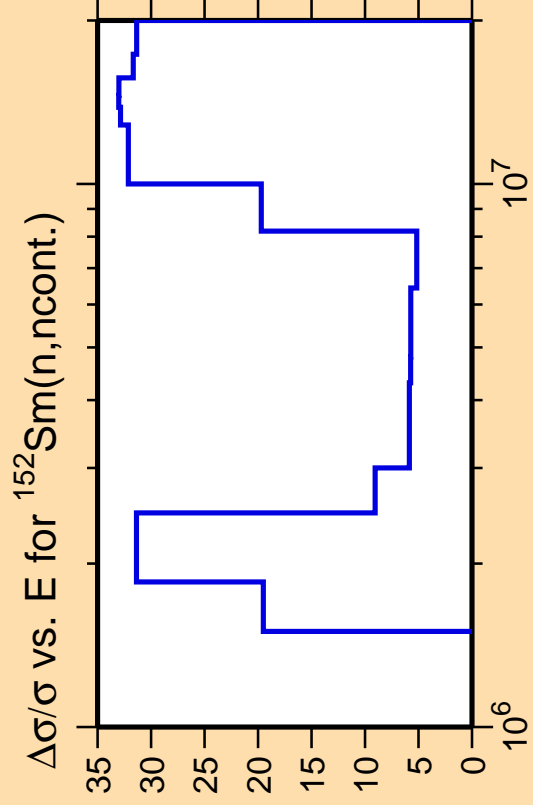
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



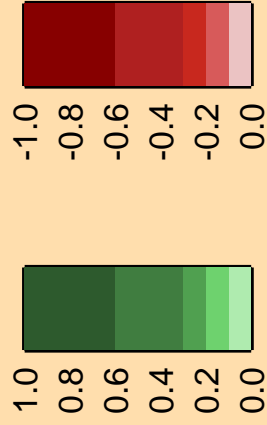
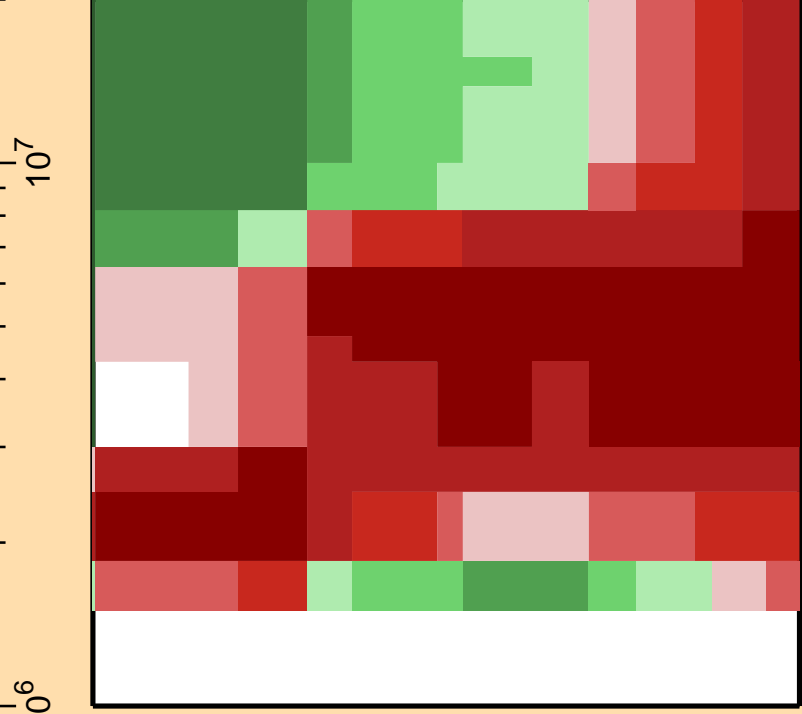
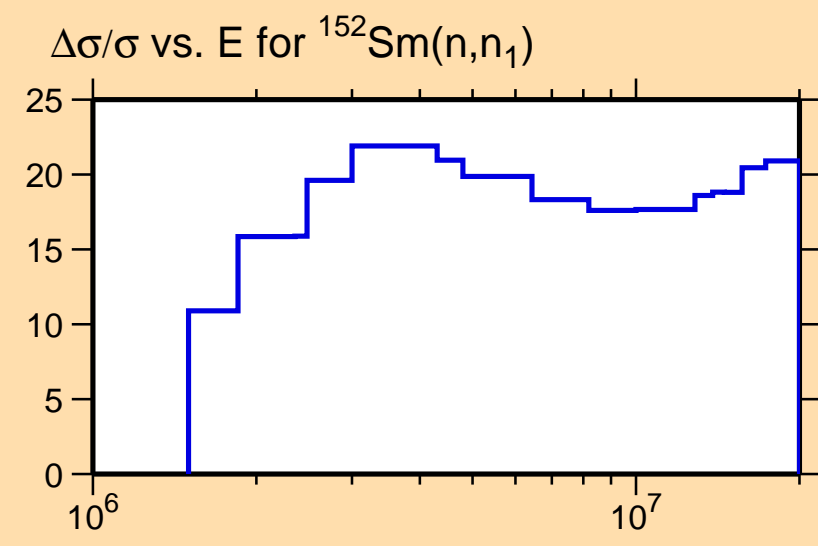
Correlation Matrix

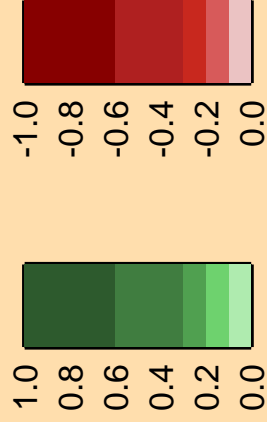
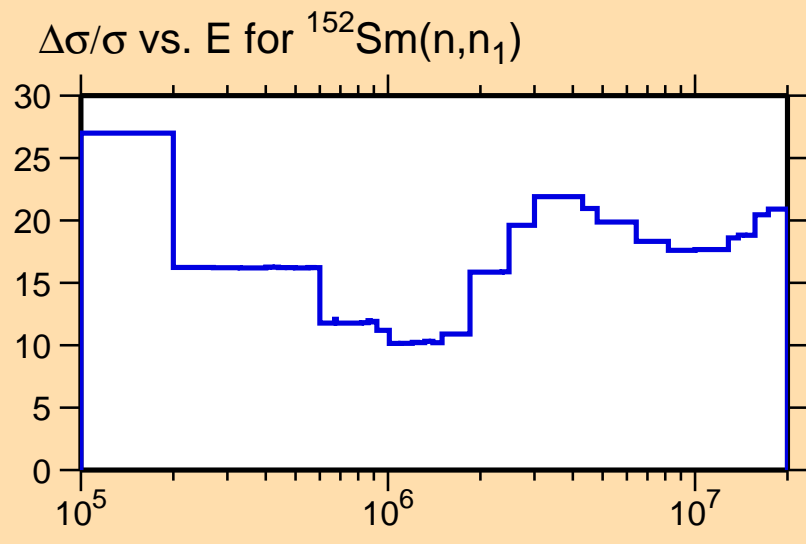
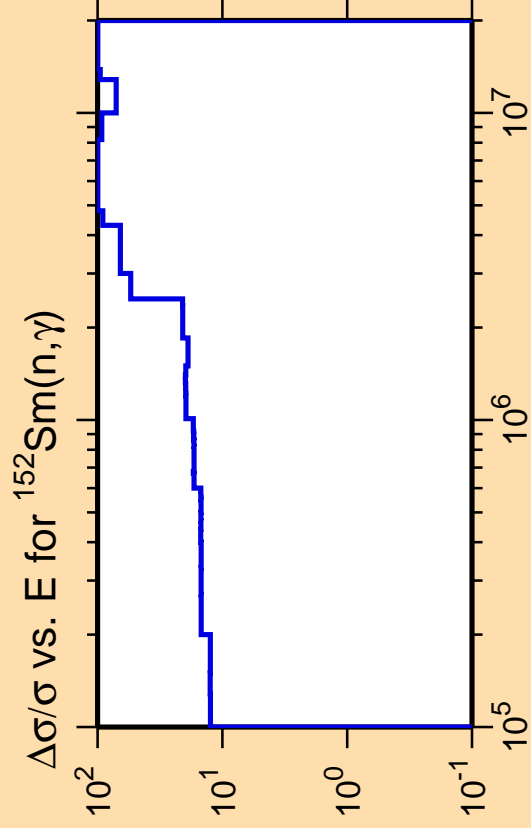


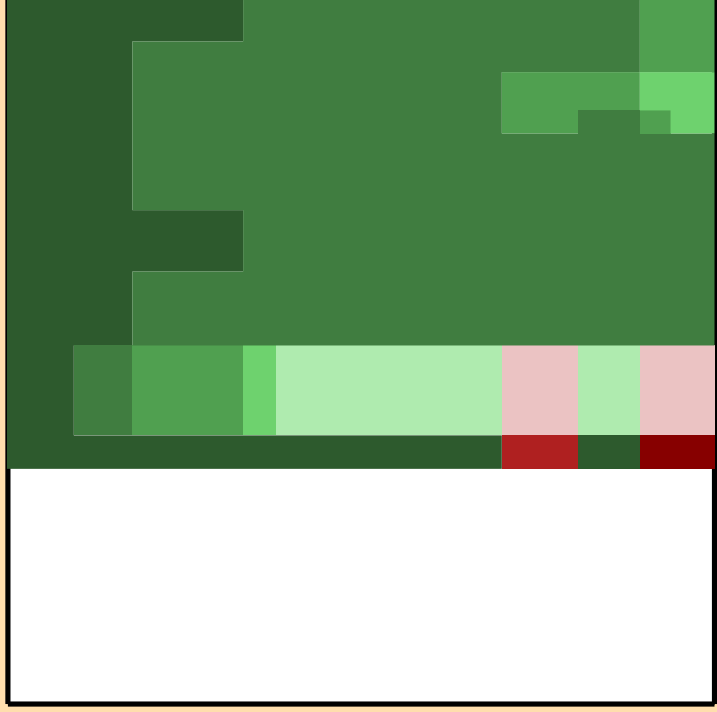
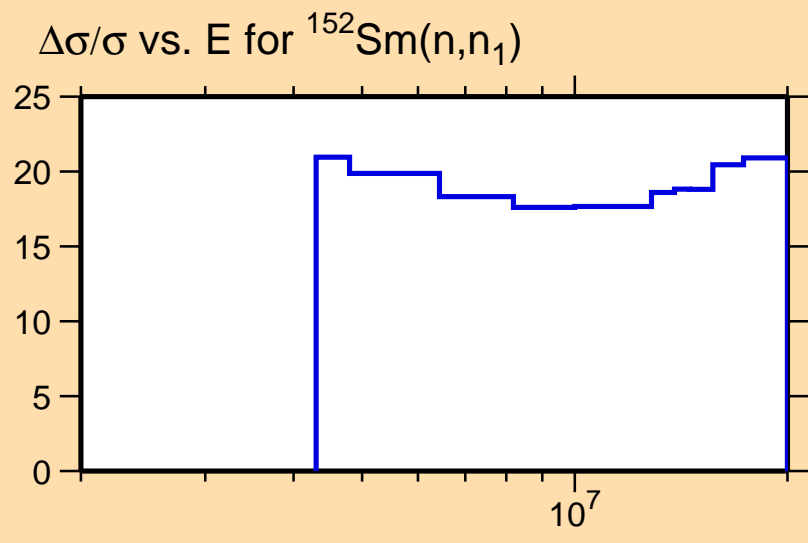
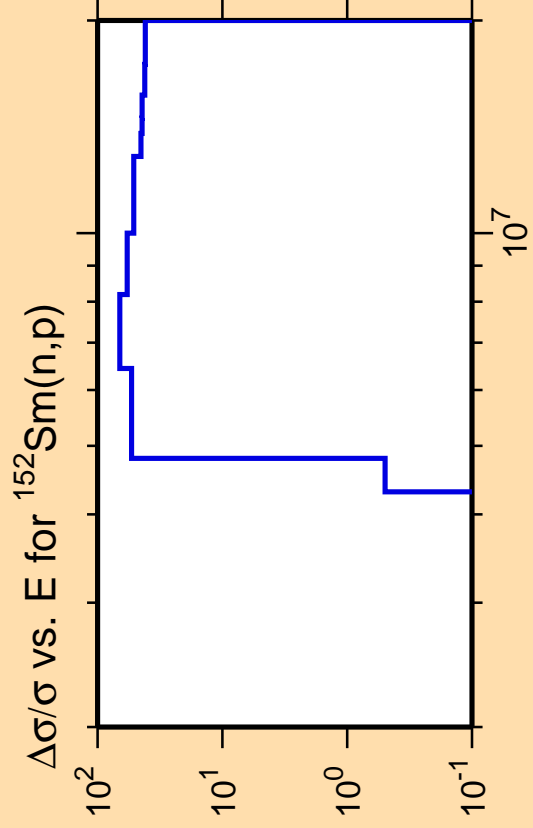


Ordinate scale is %  
relative standard deviation.

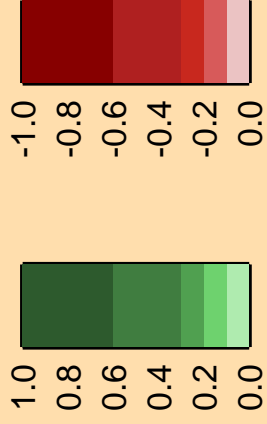
Abscissa scales are energy (eV).

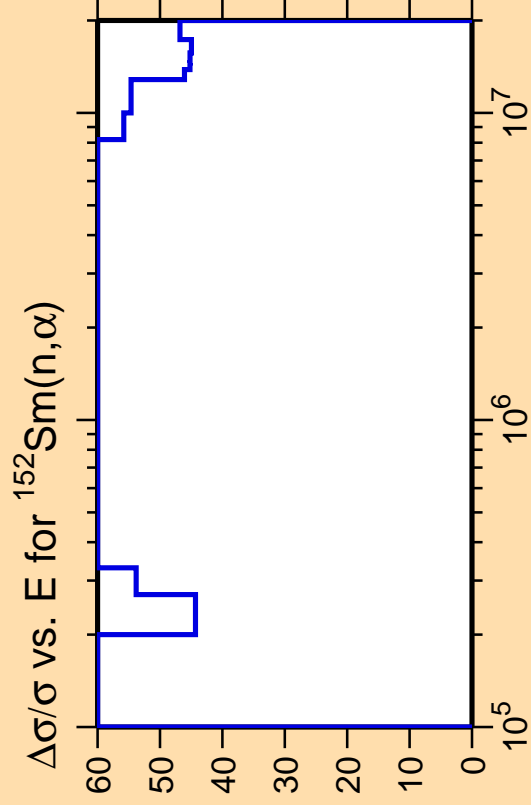






Correlation Matrix

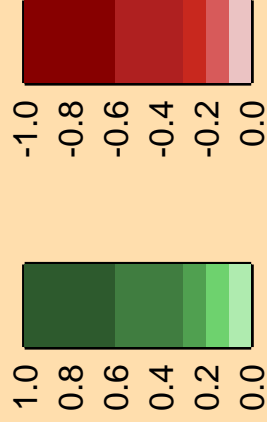
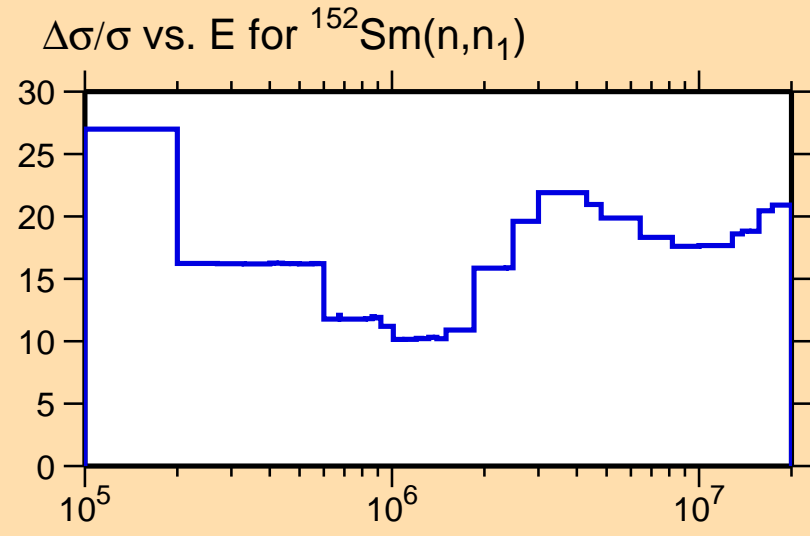


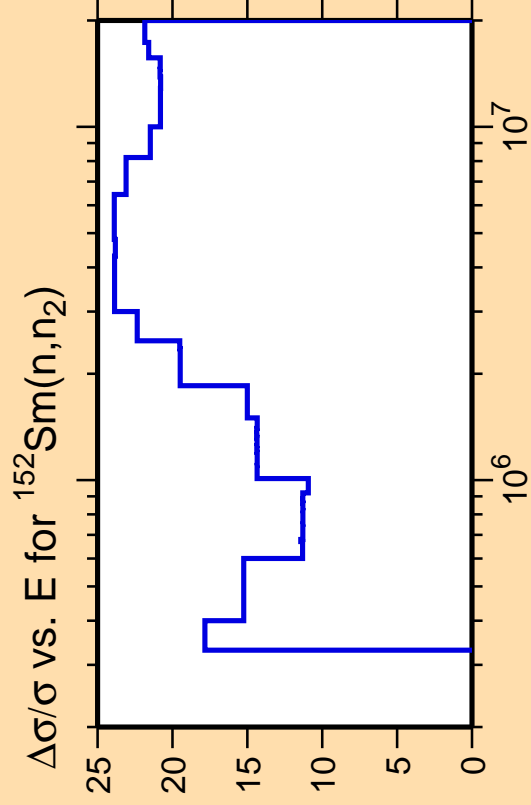


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

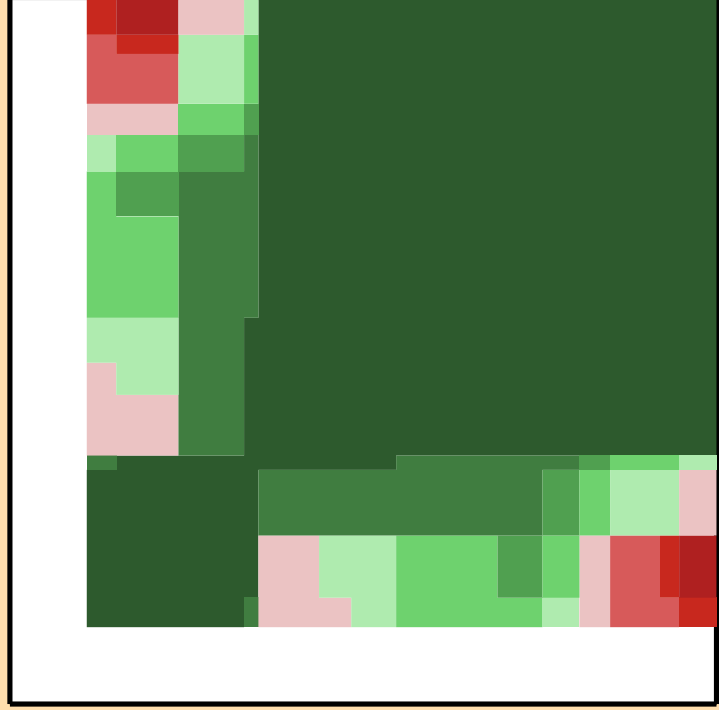
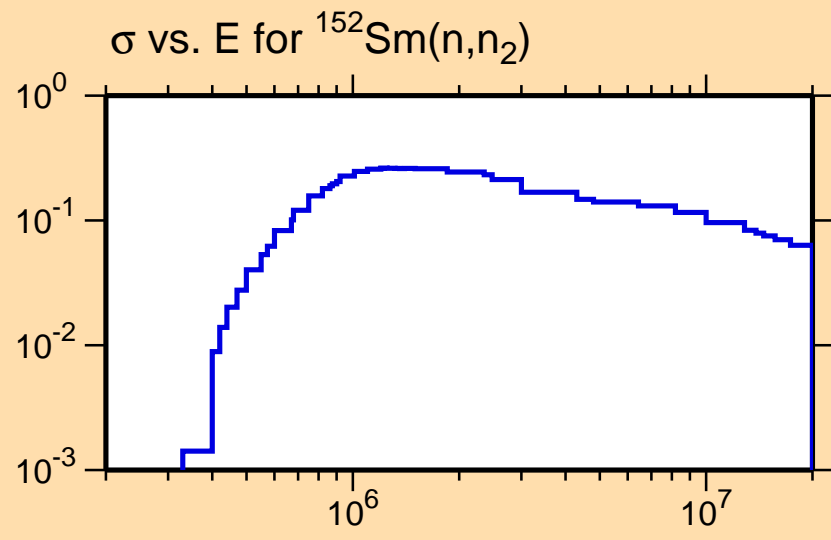
Warning: some uncertainty  
data were suppressed.



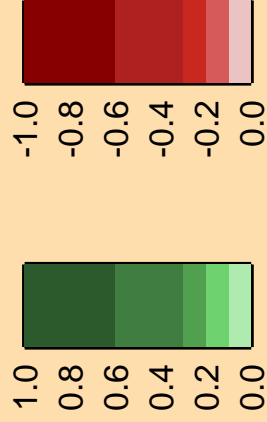


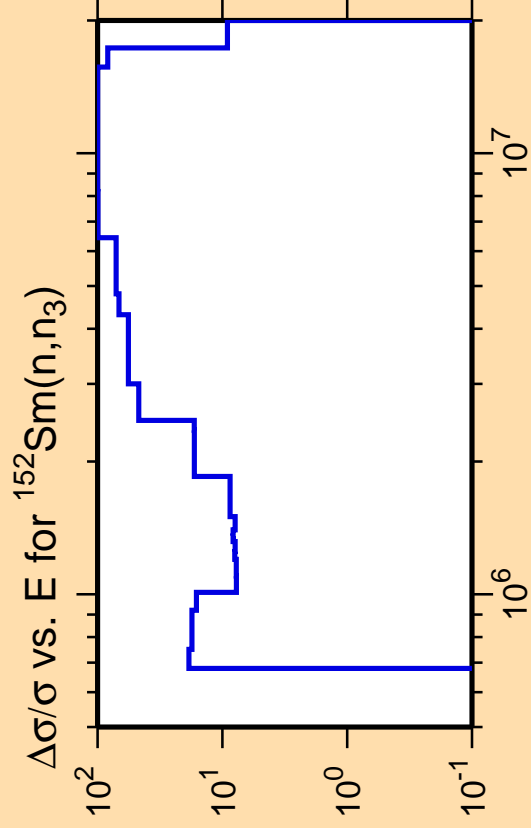
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

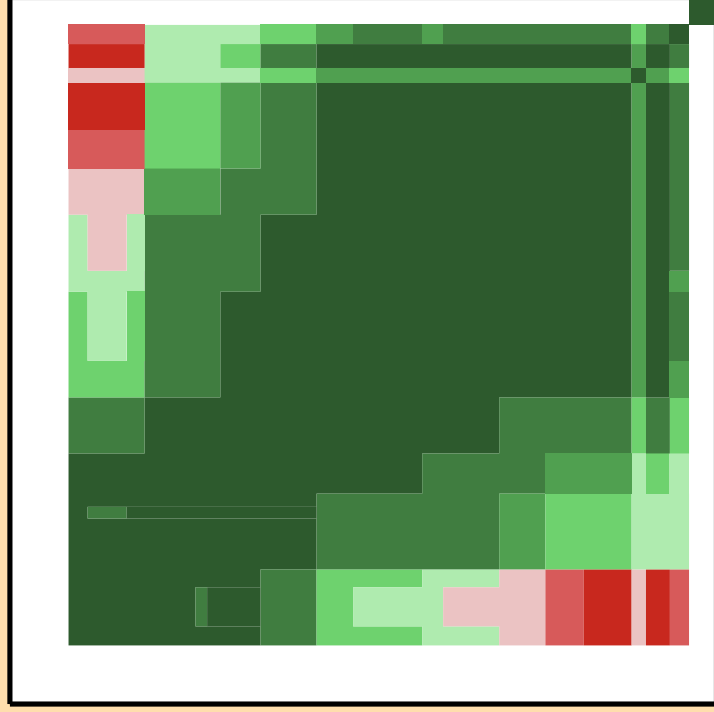
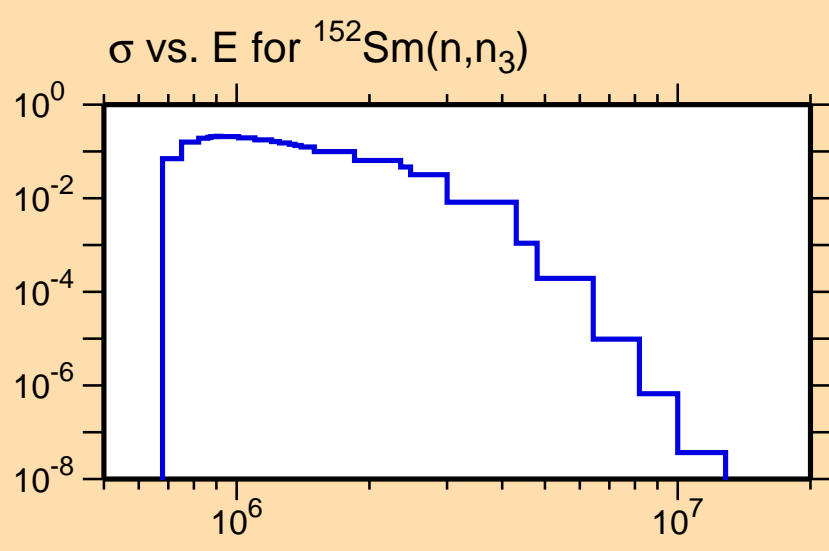




Ordinate scales are % relative standard deviation and barns.

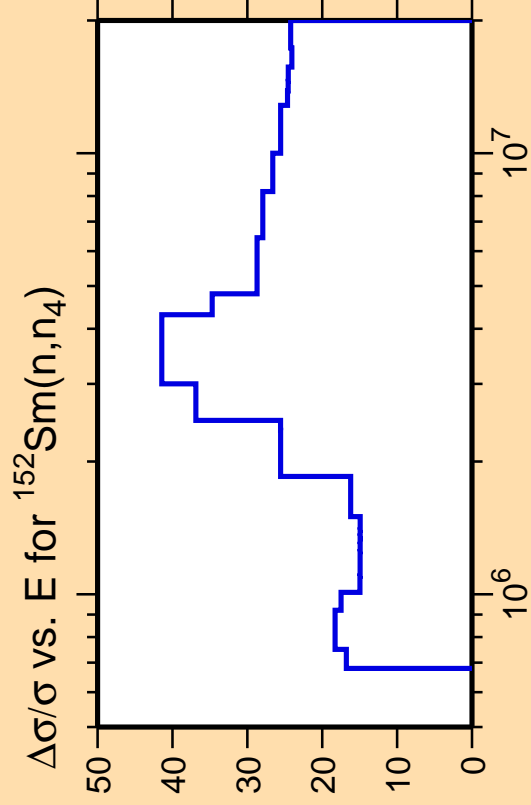
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



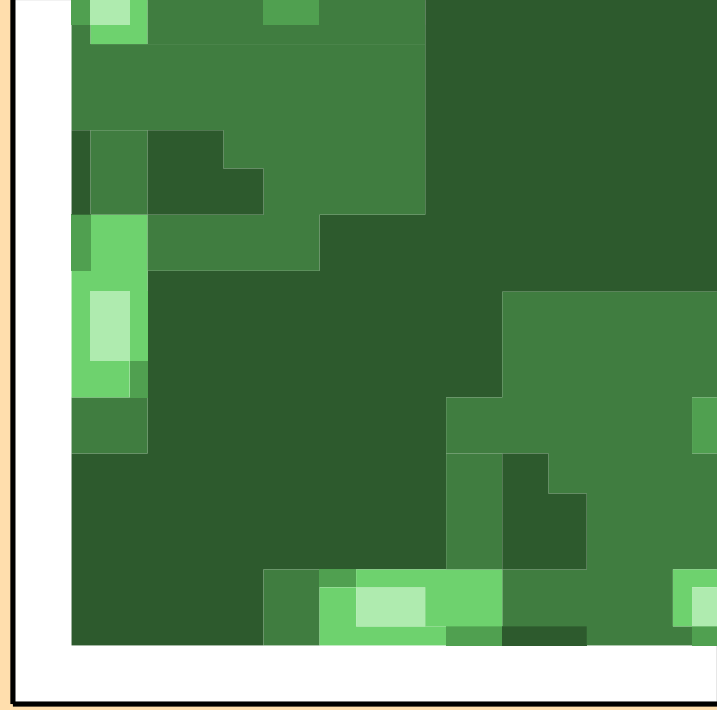
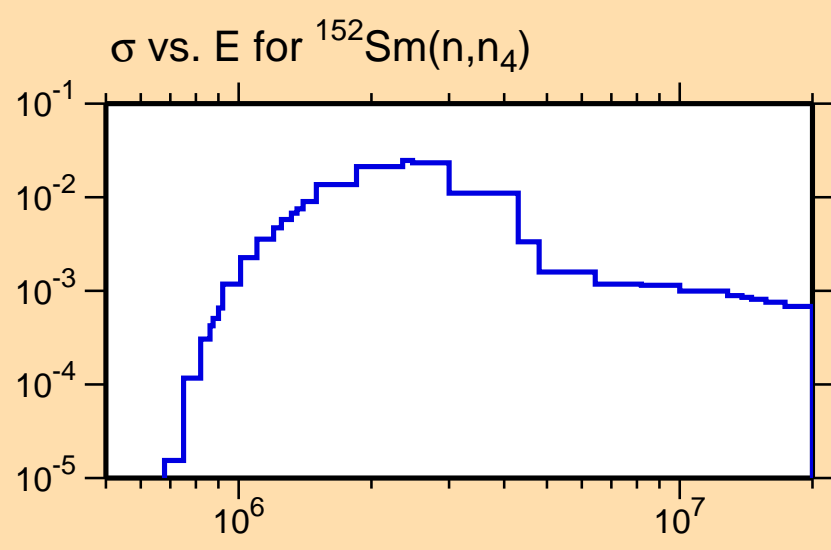
Correlation Matrix



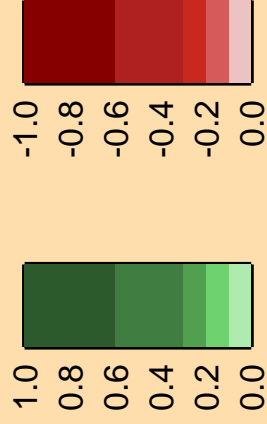


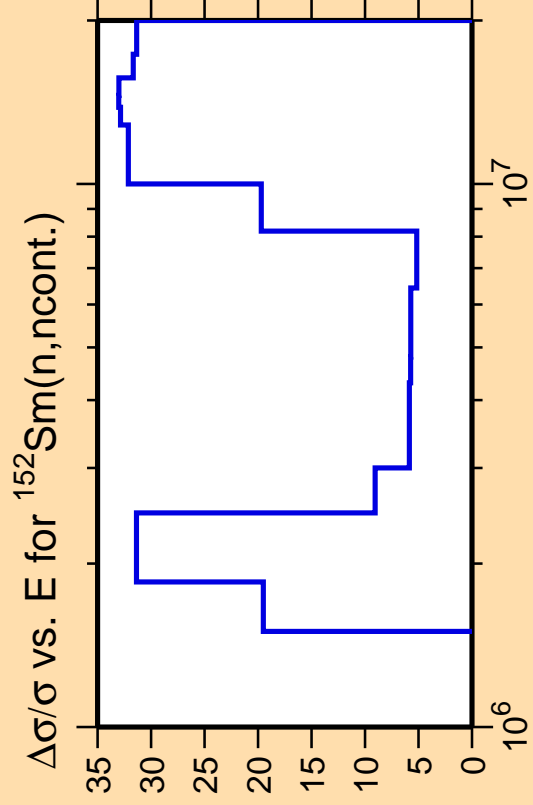
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



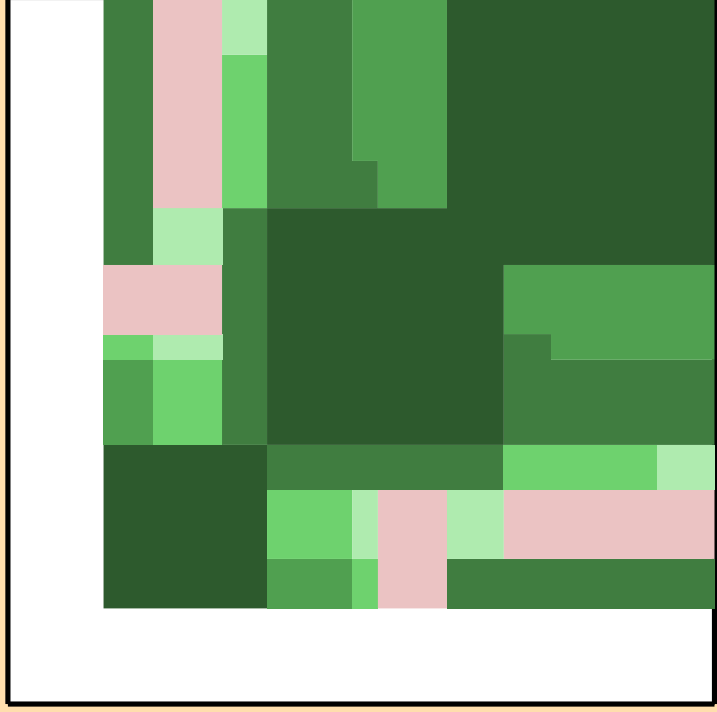
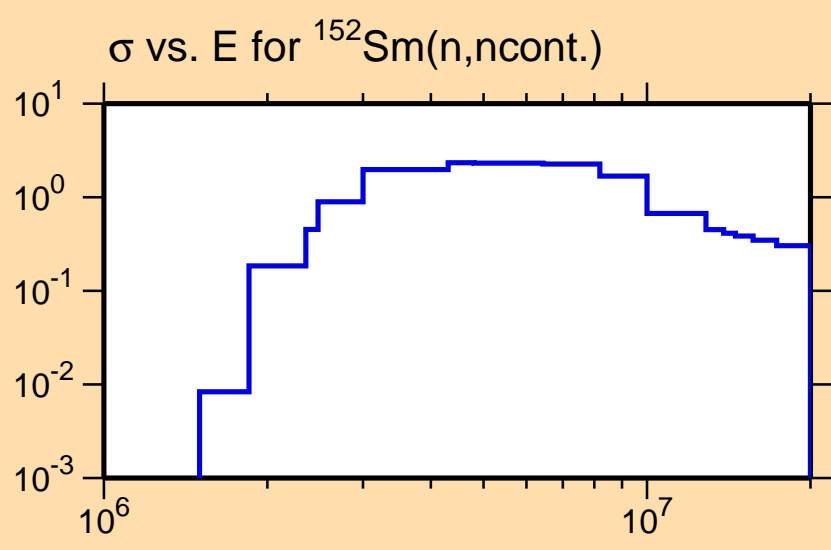
Correlation Matrix



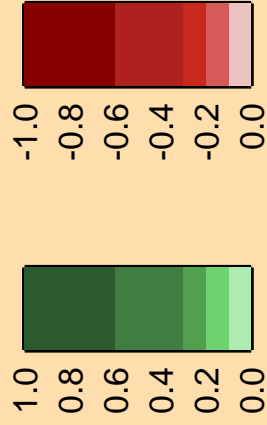


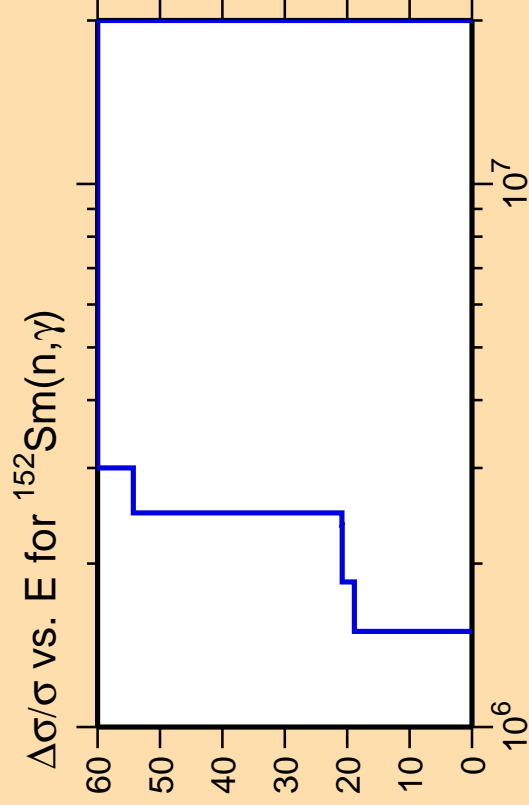
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

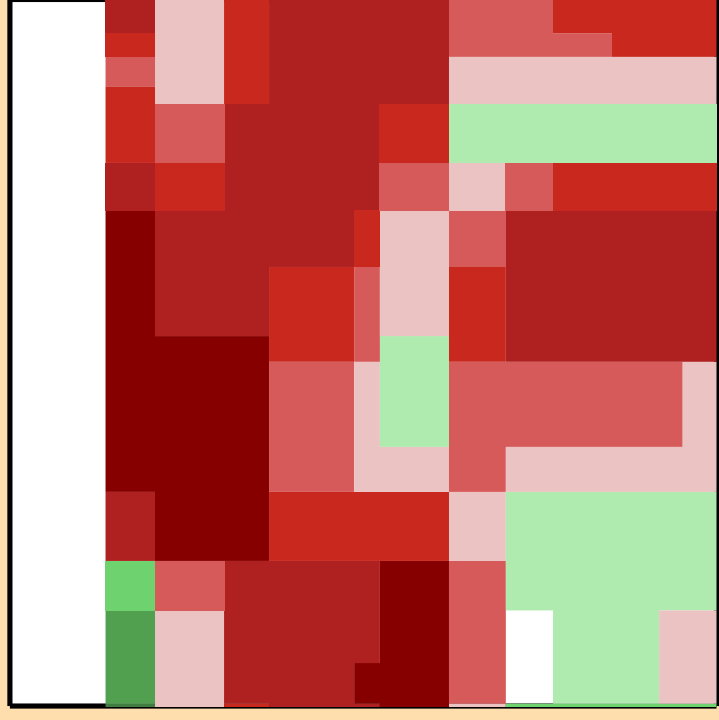
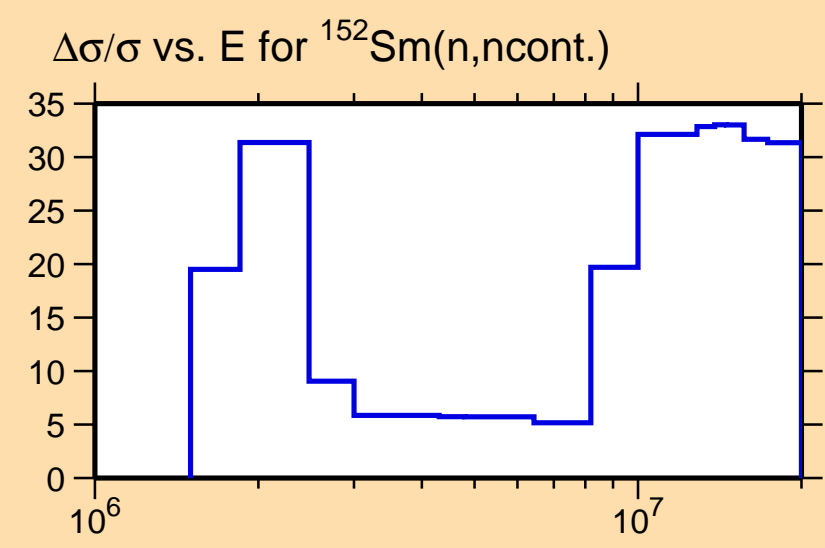




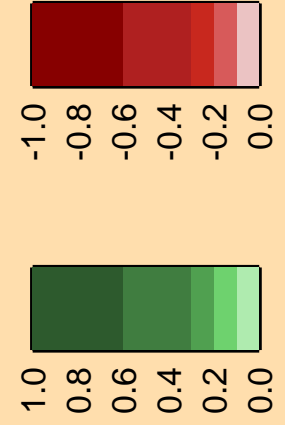
Ordinate scale is %  
relative standard deviation.

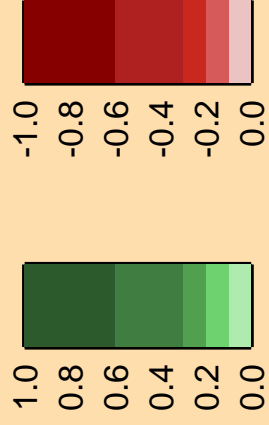
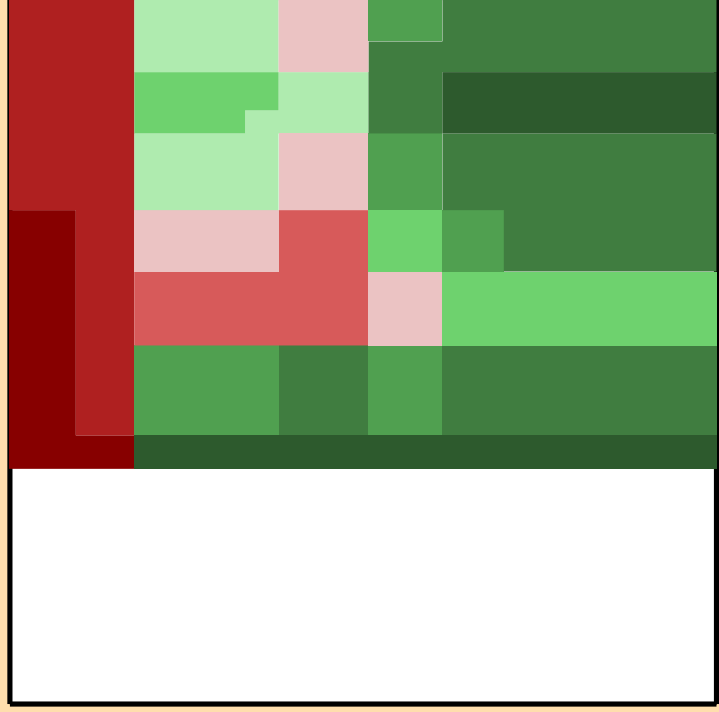
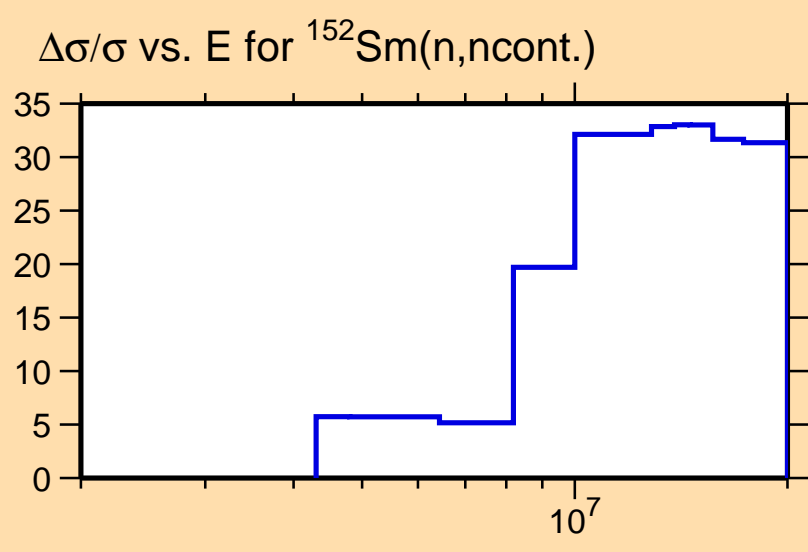
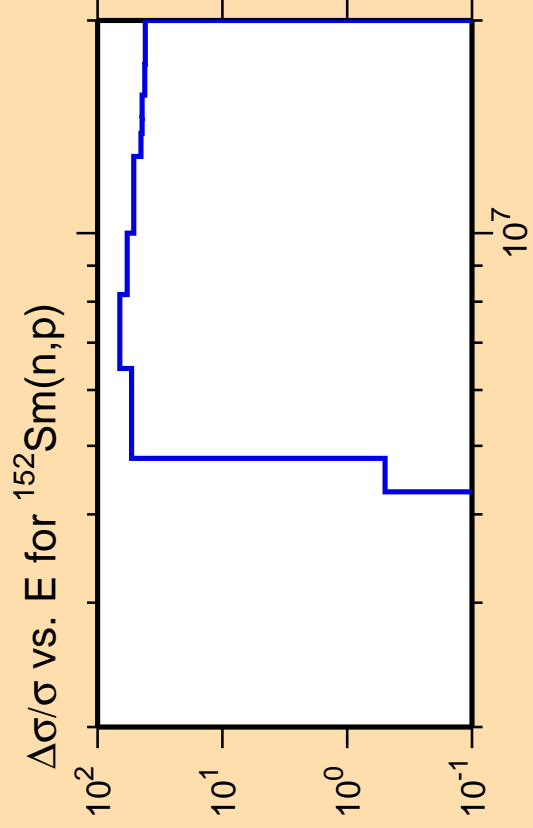
Abscissa scales are energy (eV).

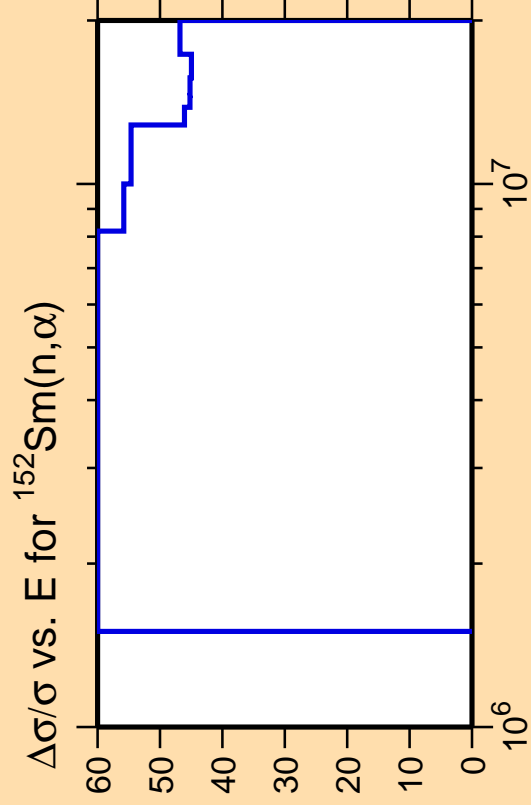
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



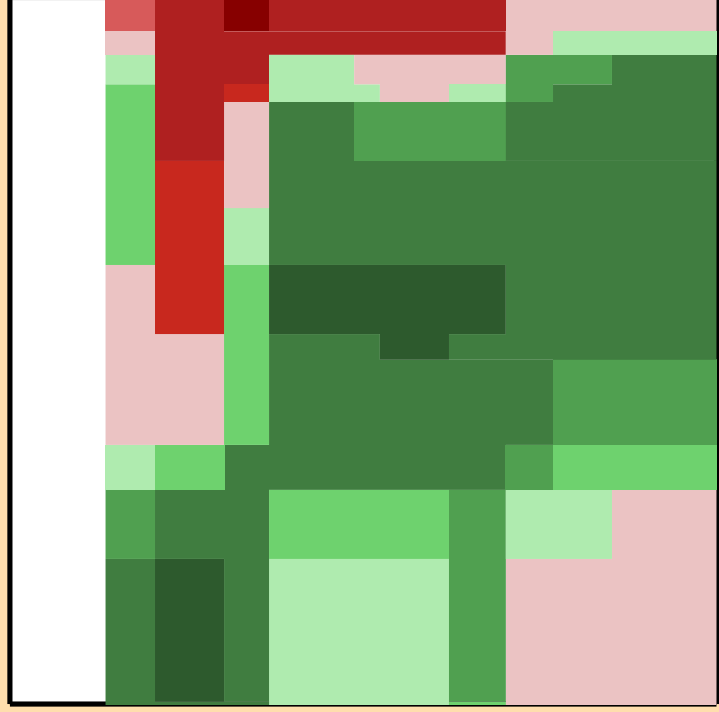
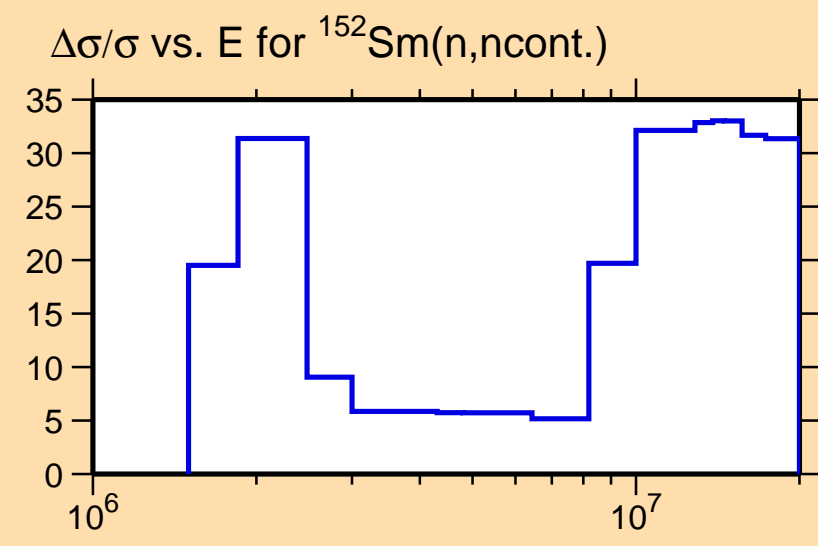




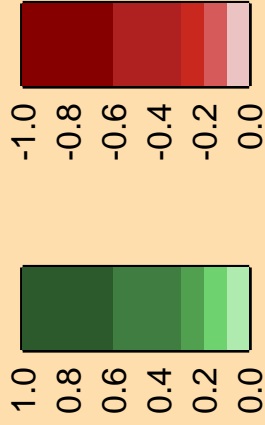
Ordinate scale is %  
relative standard deviation.

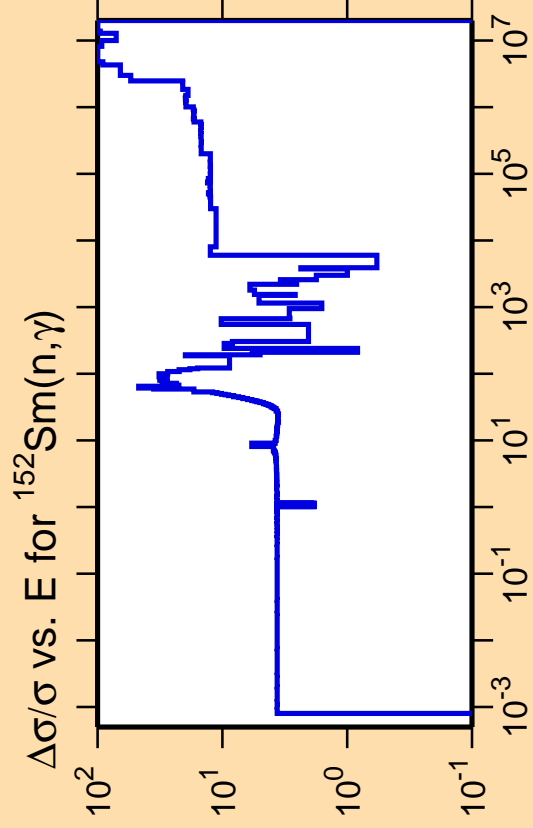
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

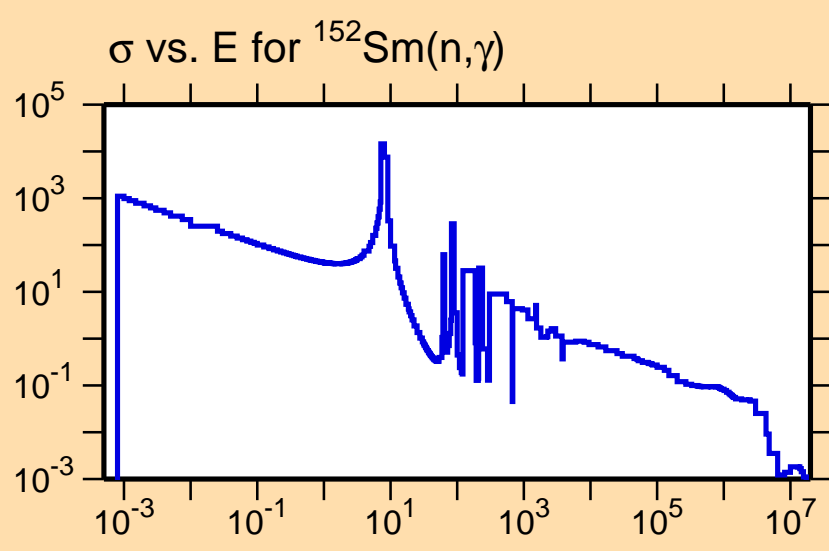




Ordinate scales are % relative standard deviation and barns.

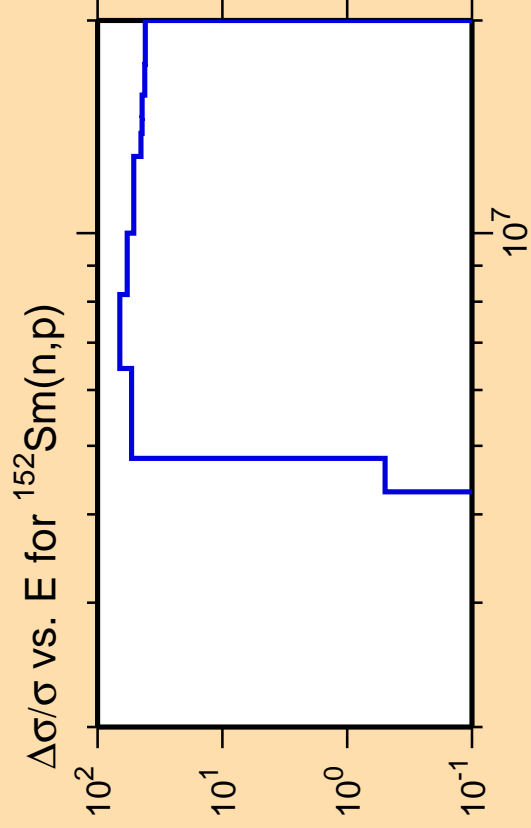
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

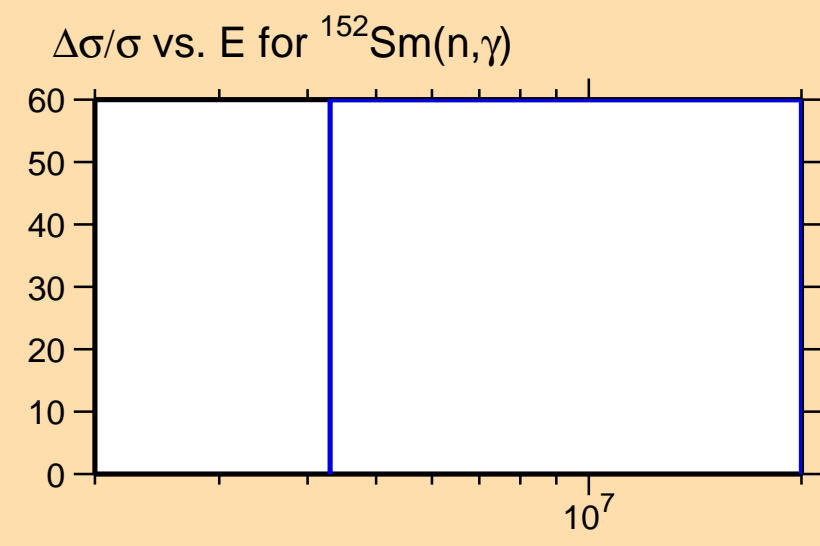




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

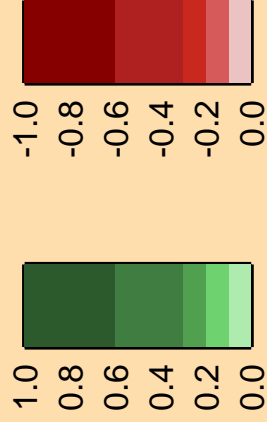
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data were suppressed.

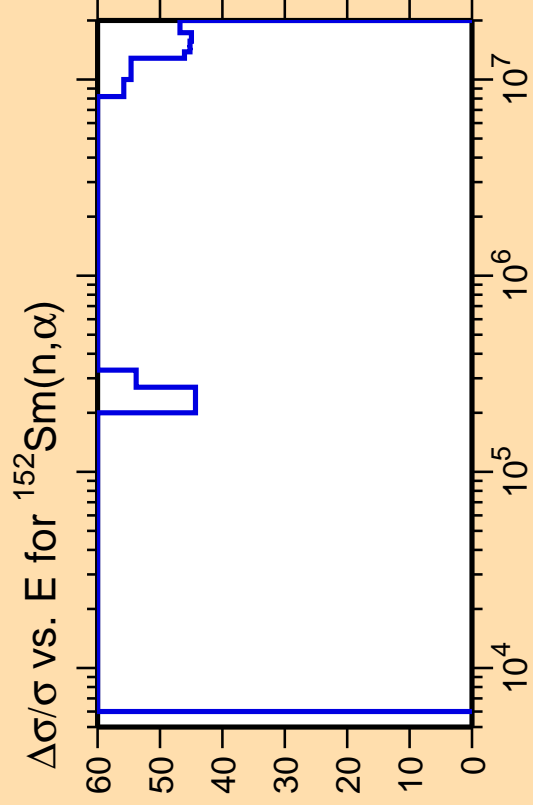


$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\gamma)$



Correlation Matrix

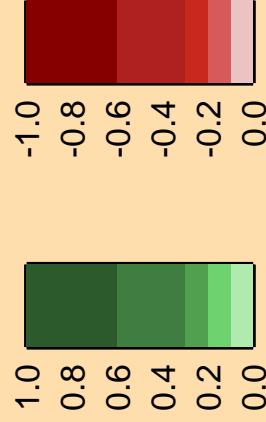
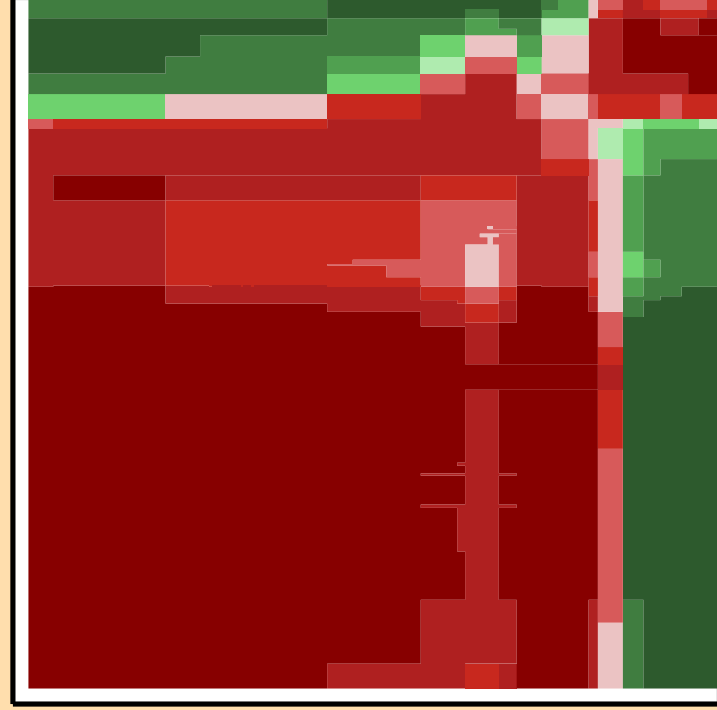
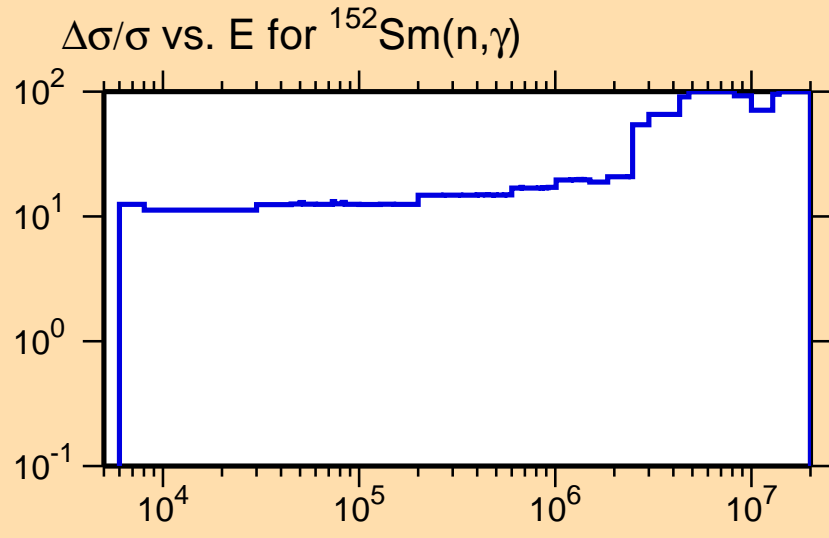


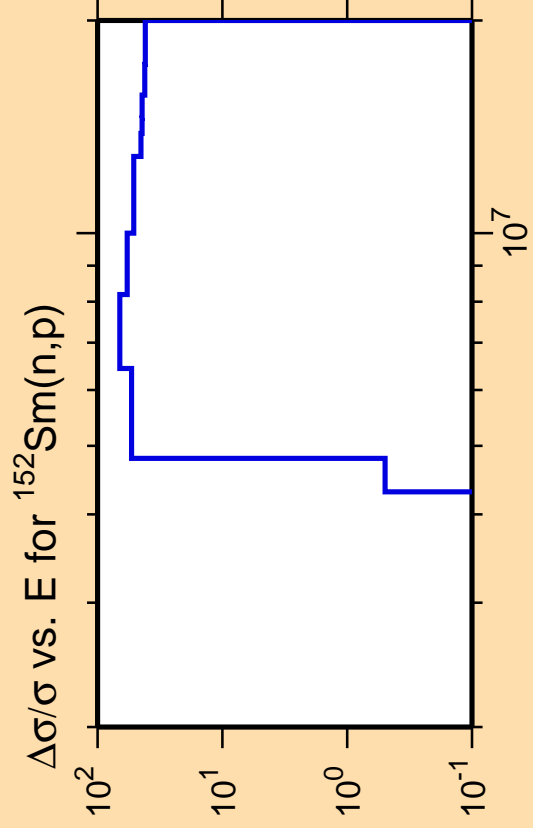


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

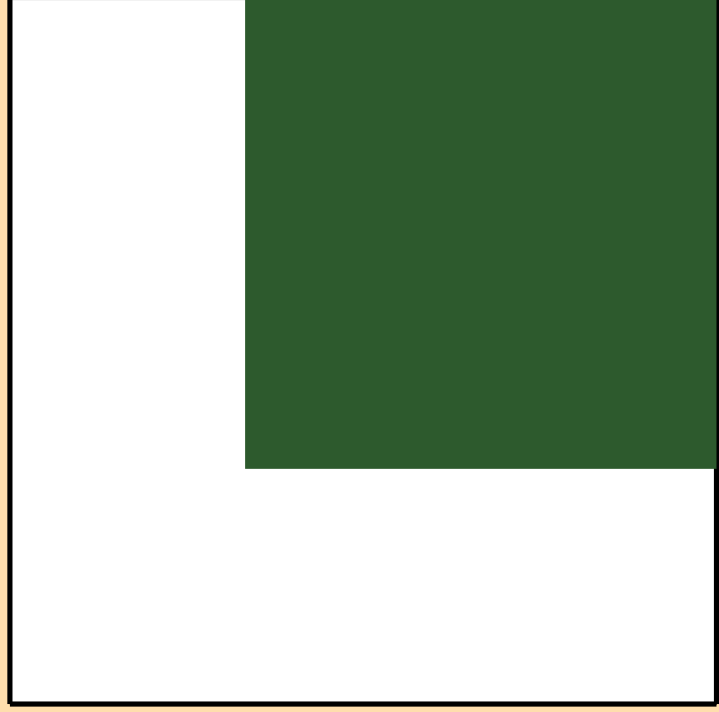
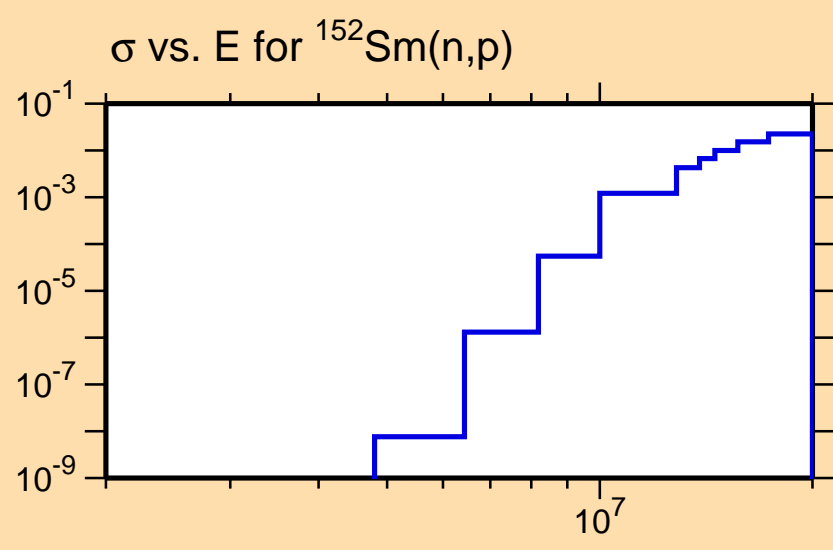
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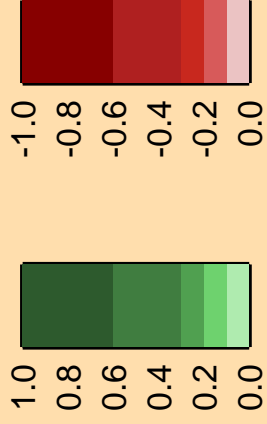


Ordinate scales are % relative standard deviation and barns.

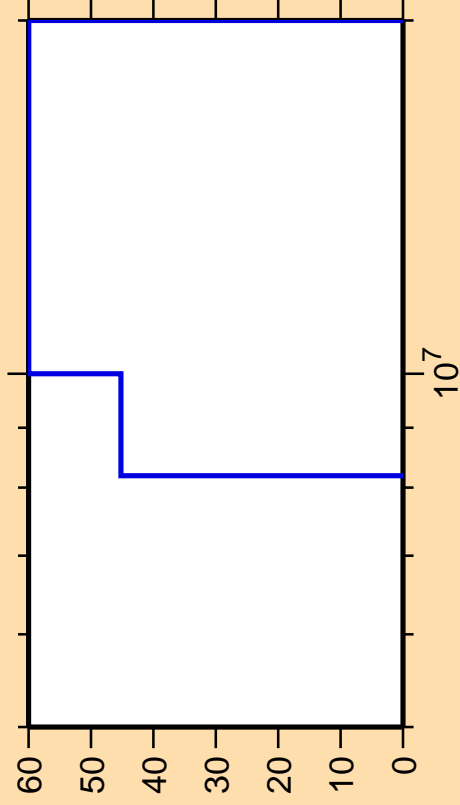
Abscissa scales are energy (eV).



Correlation Matrix



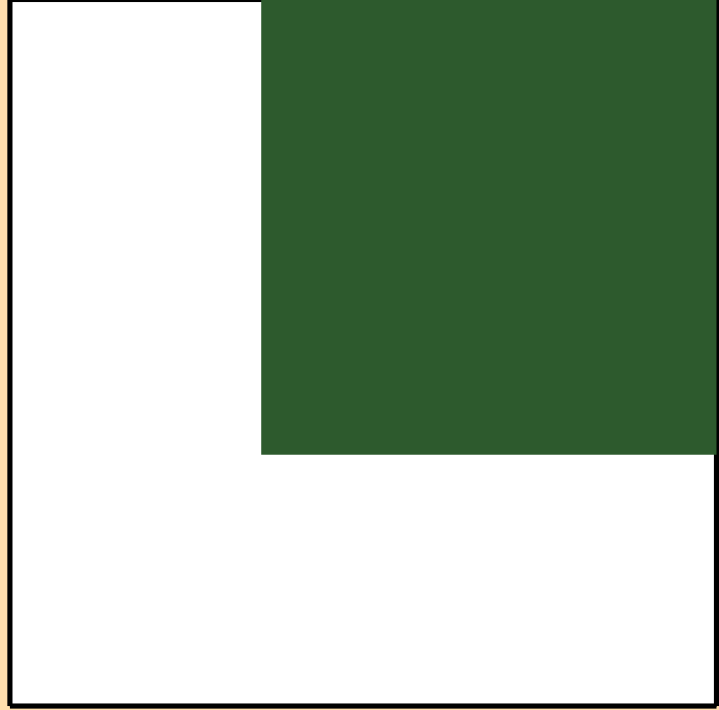
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,d)$



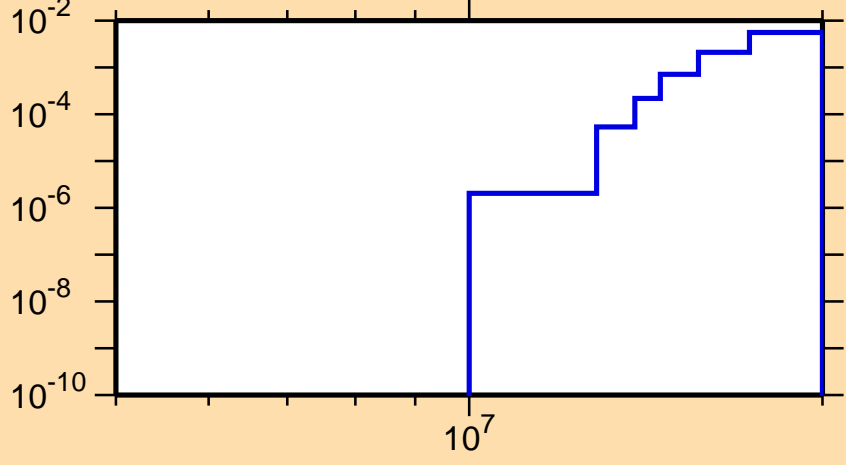
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

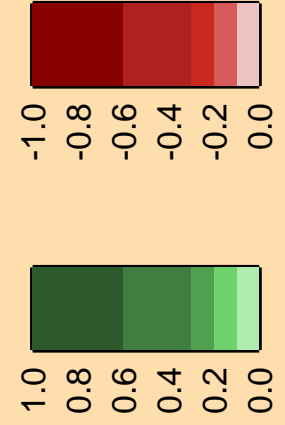
Warning: some uncertainty data were suppressed.



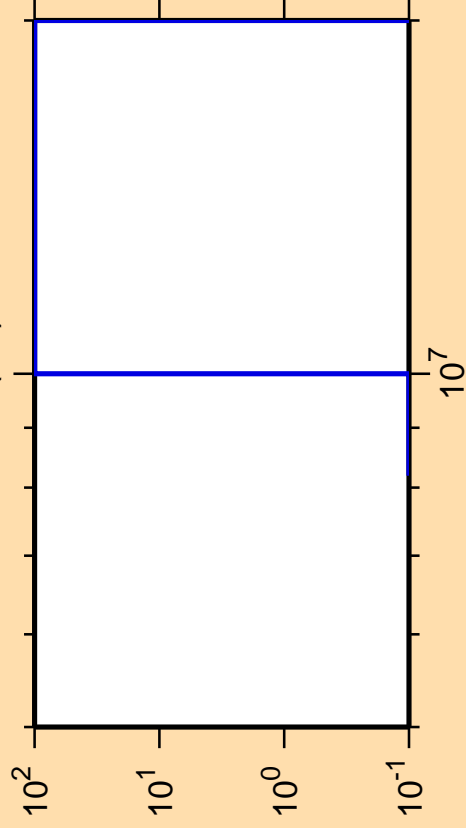
$\sigma$  vs. E for  $^{152}\text{Sm}(n,d)$



Correlation Matrix



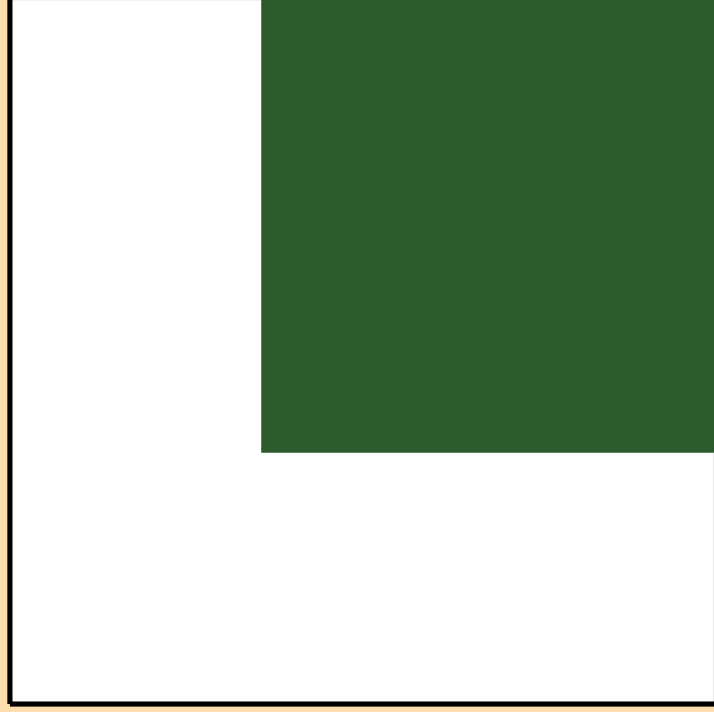
$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,t)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

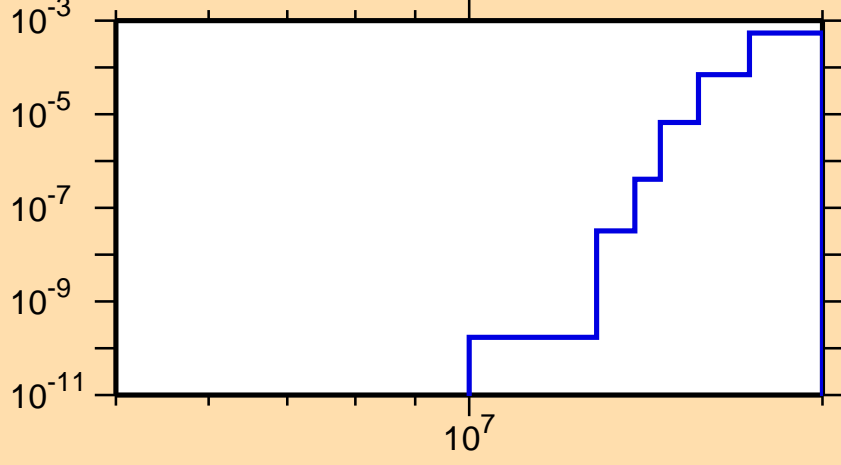
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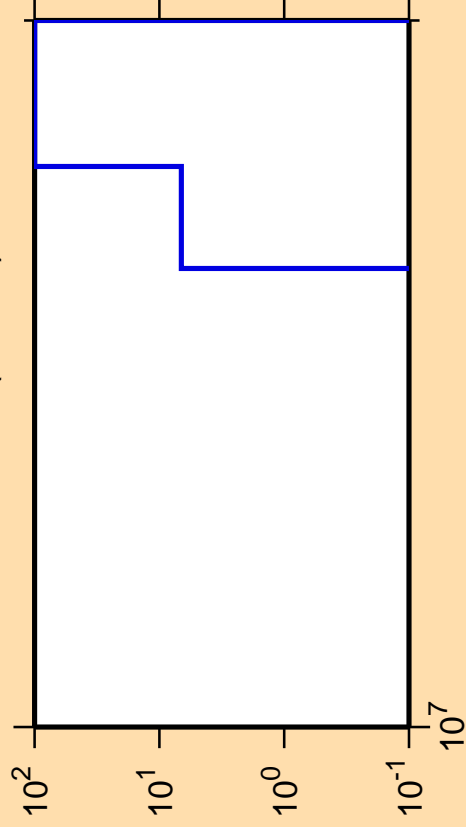
Correlation Matrix



$\sigma$  vs. E for  $^{152}\text{Sm}(n,t)$



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{He}3)$

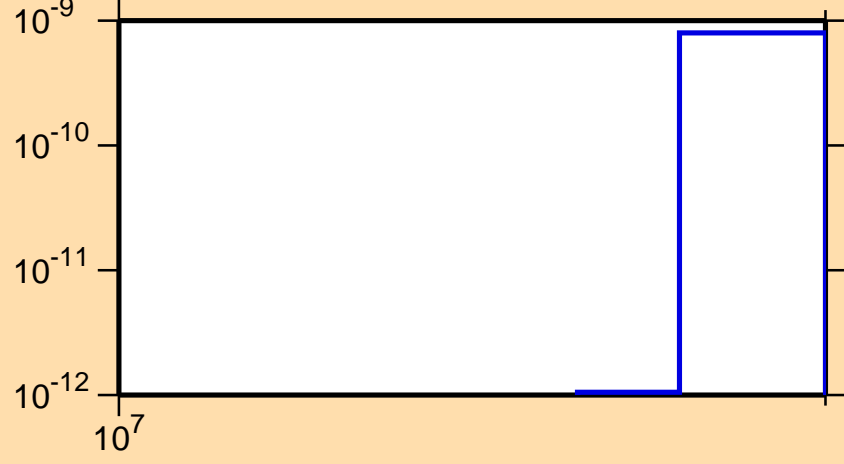


Ordinate scales are % relative standard deviation and barns.

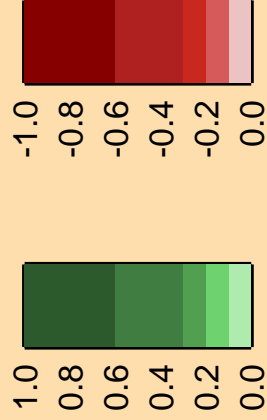
Abscissa scales are energy (eV).

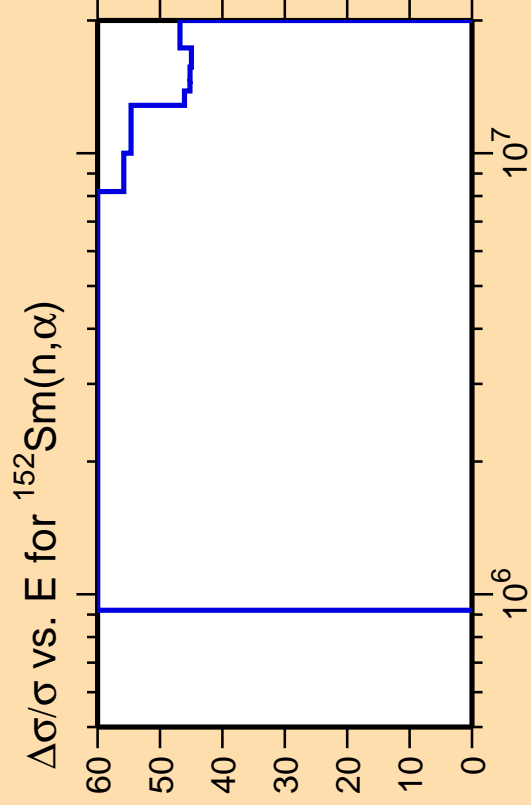
Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{152}\text{Sm}(n,\text{He}3)$



Correlation Matrix

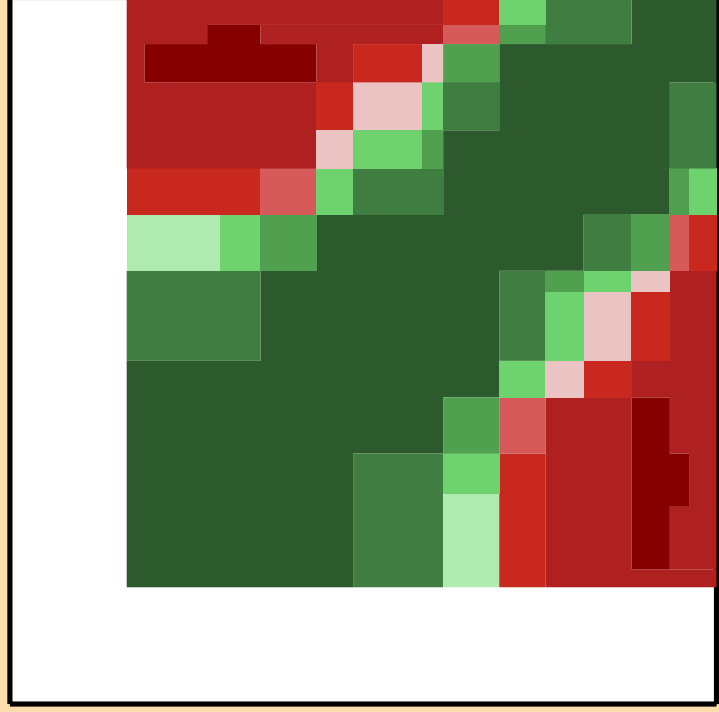
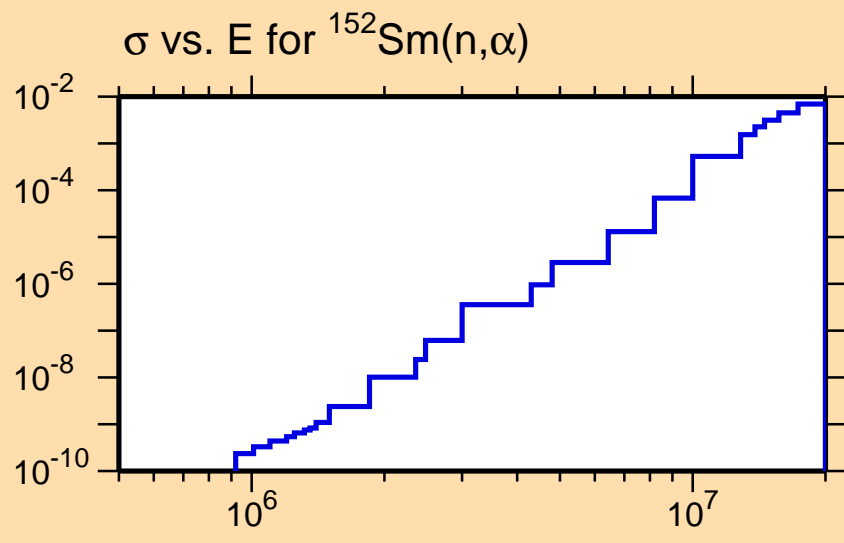




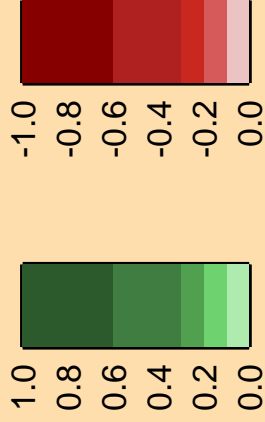
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

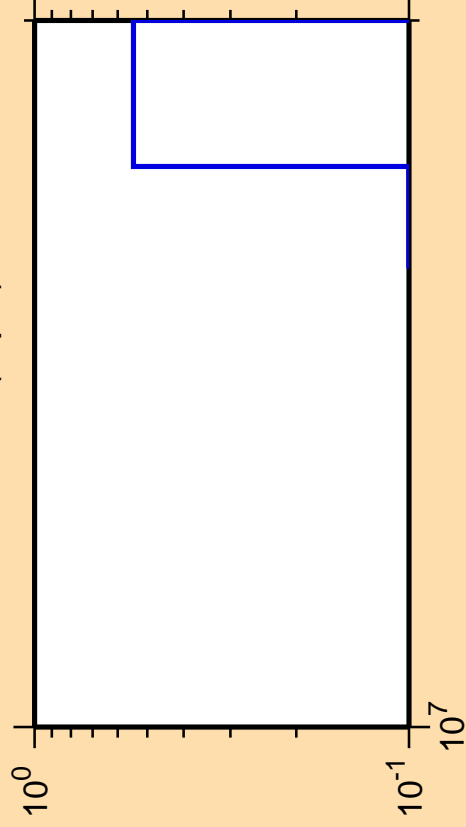
Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{152}\text{Sm}(n,p\alpha)$

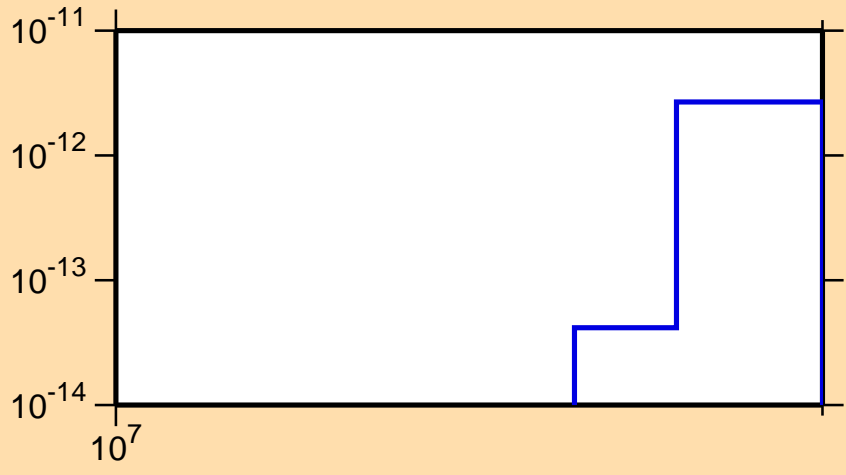


Ordinate scales are % relative standard deviation and barns.

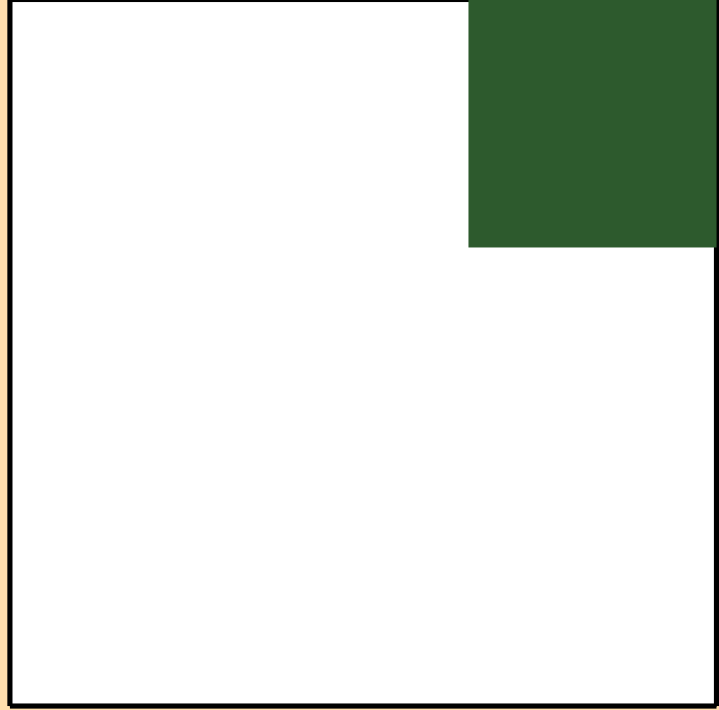
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{152}\text{Sm}(n,p\alpha)$



$10^7$



Correlation Matrix

