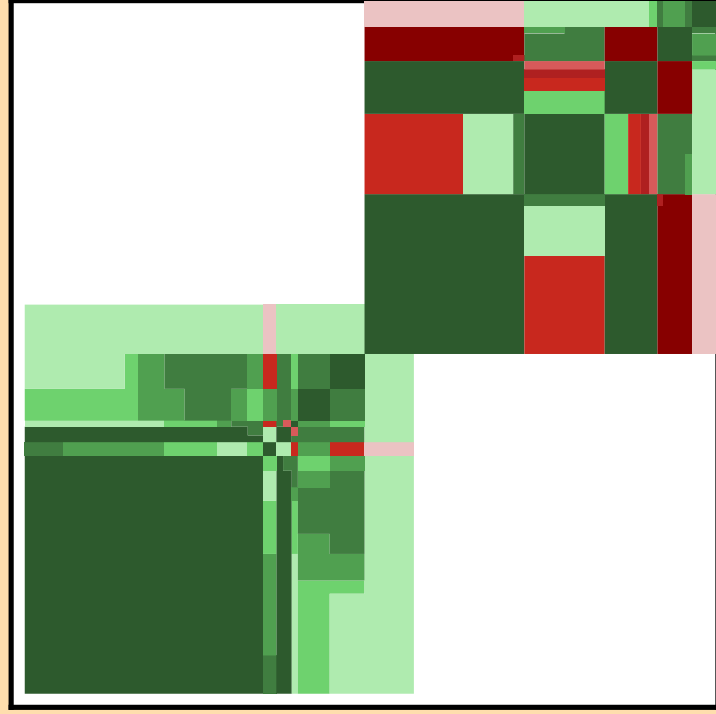
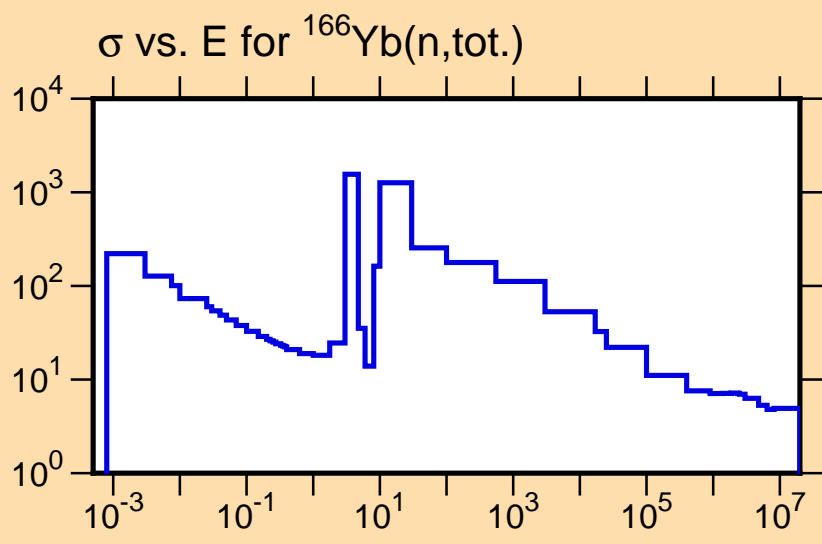
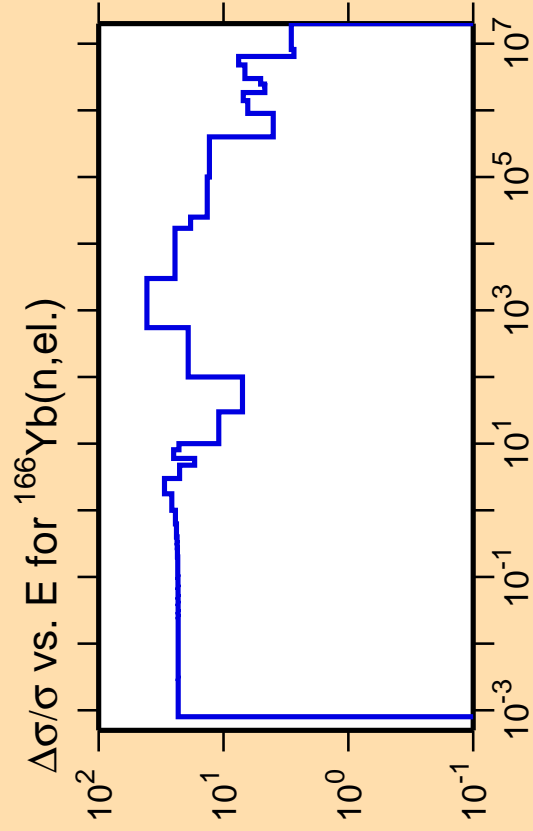


Ordinate scales are % relative standard deviation and barns.  
 Abscissa scales are energy (eV).



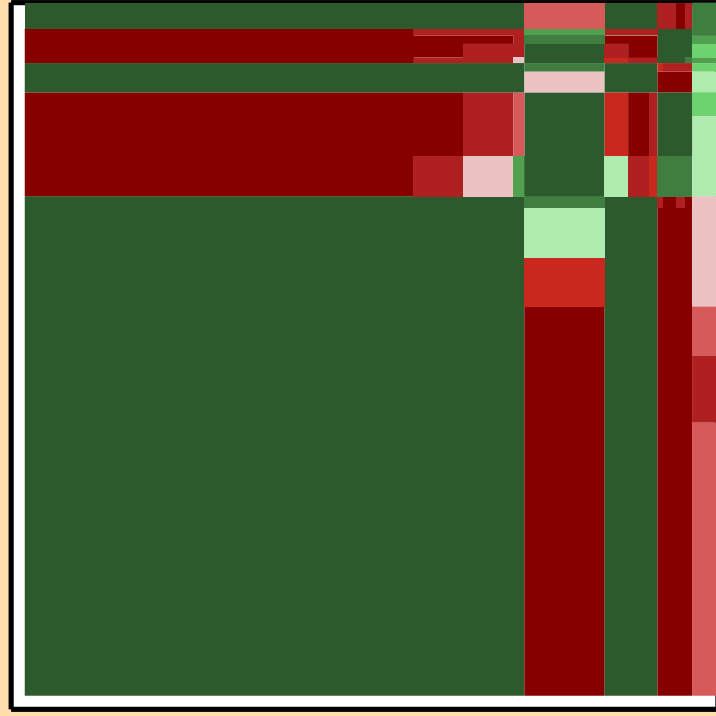
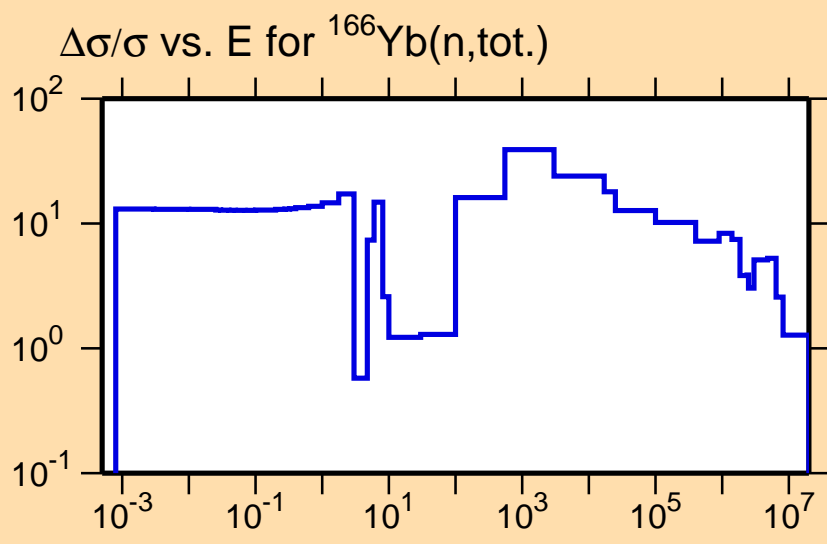
Correlation Matrix





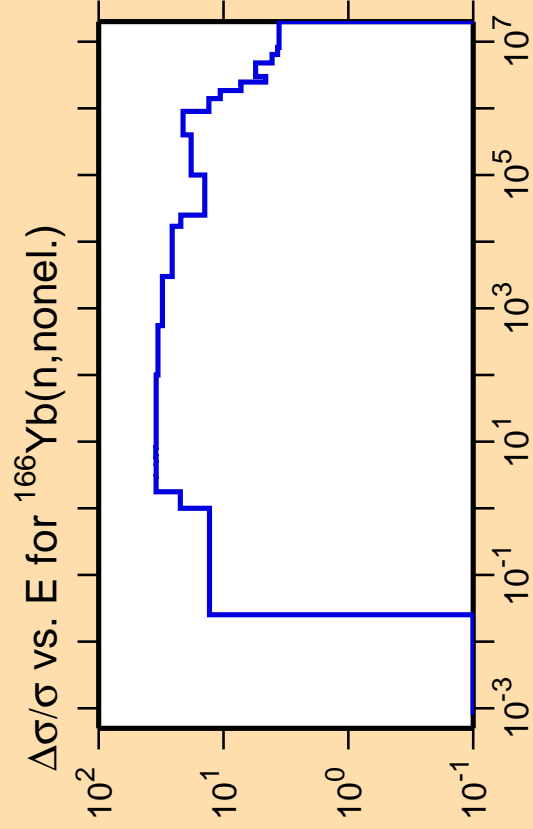
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).



Correlation Matrix



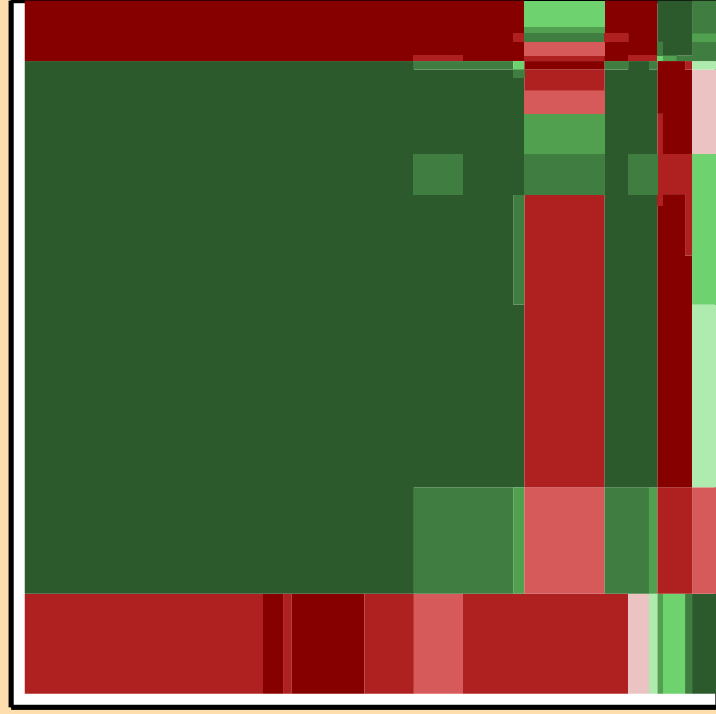
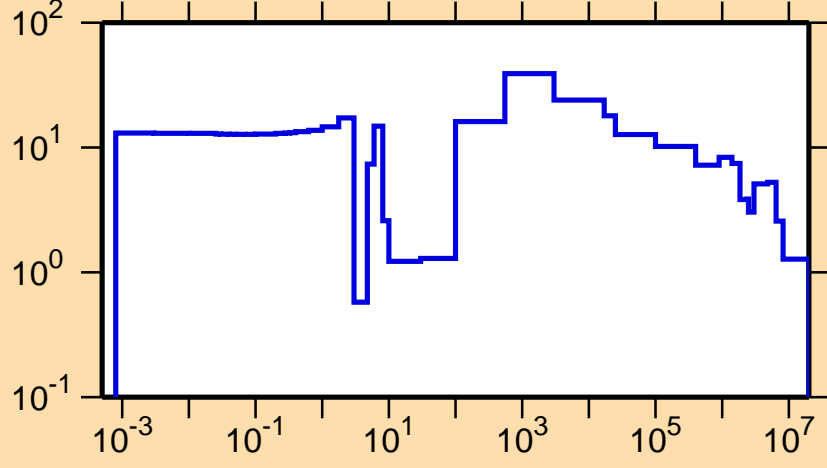


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

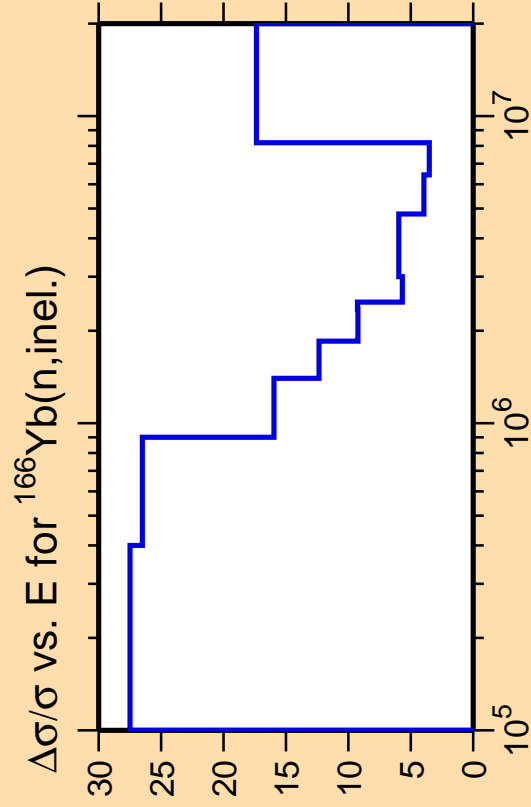
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{tot.})$



Correlation Matrix

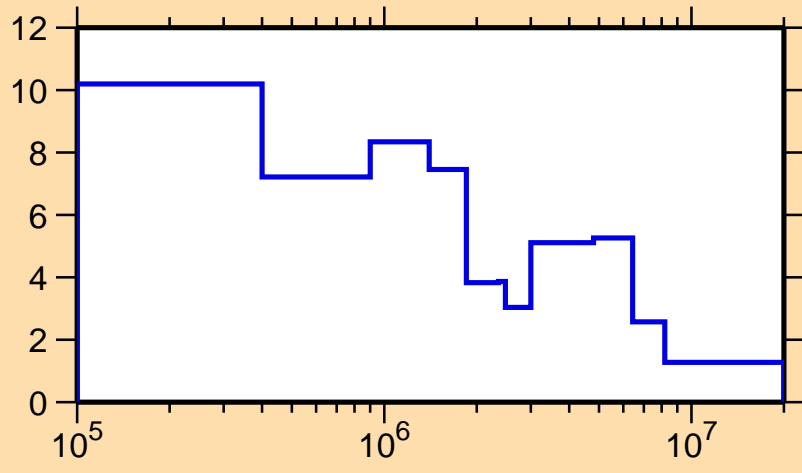




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

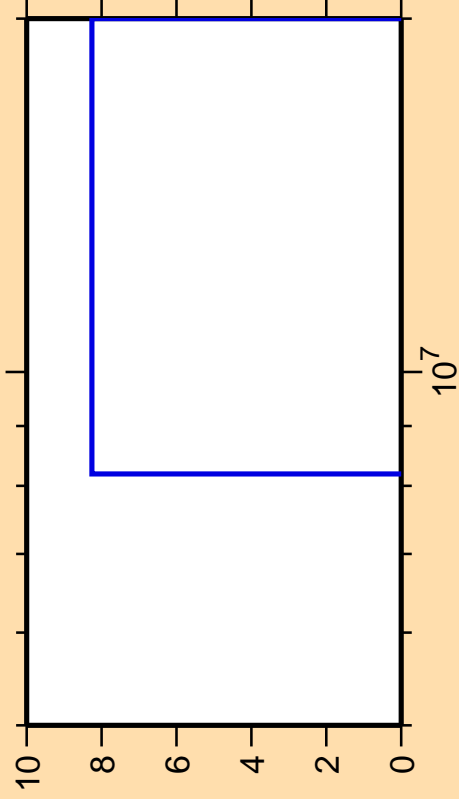
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{tot.})$



Correlation Matrix



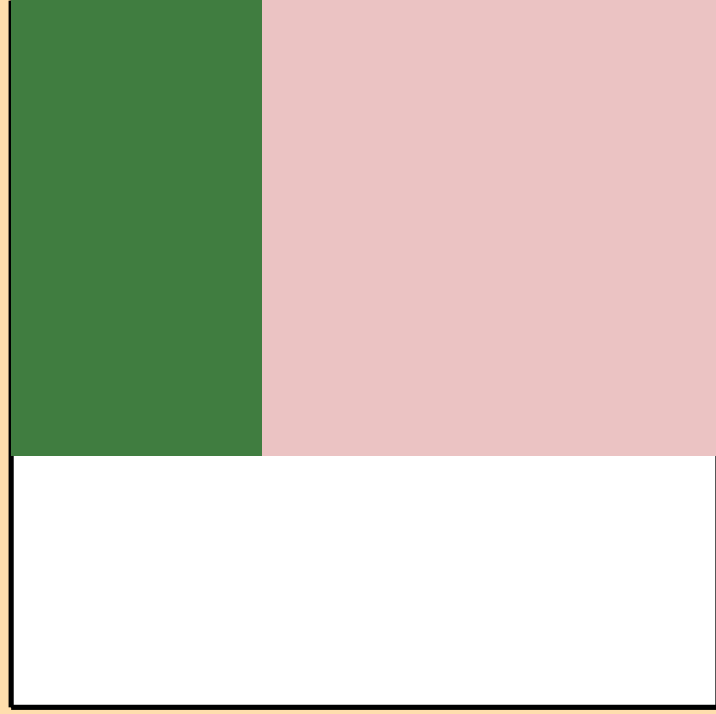
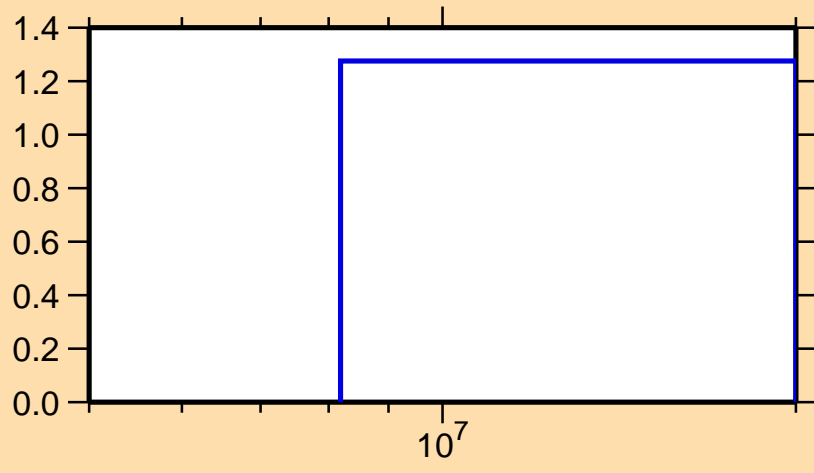
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Ordinate scale is %  
relative standard deviation.

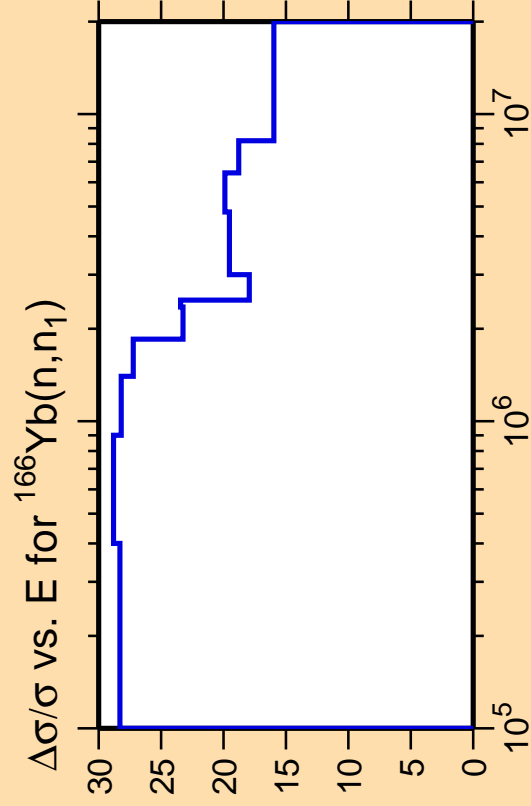
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{tot.})$



Correlation Matrix

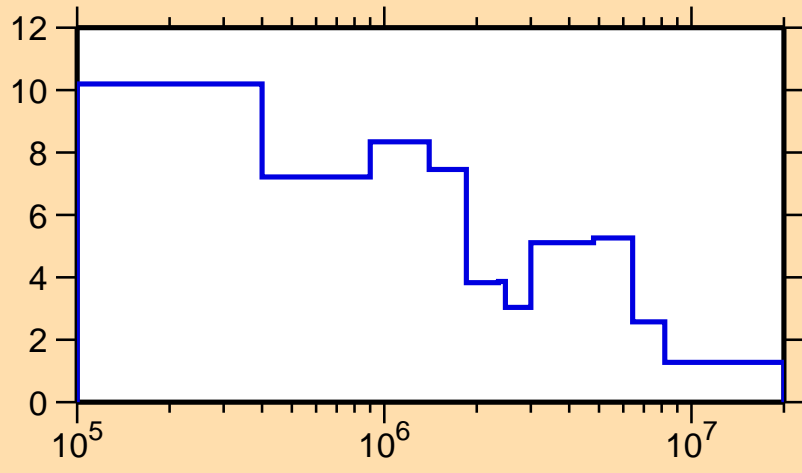




Ordinate scale is %  
relative standard deviation.

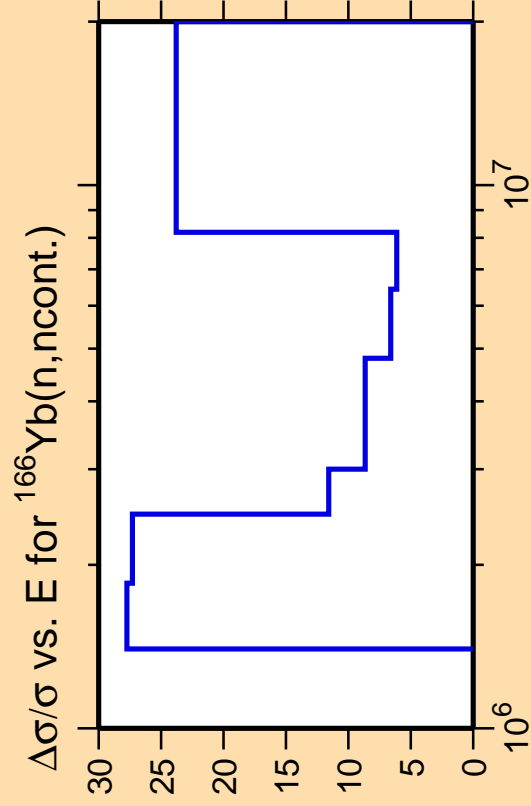
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{tot.})$



Correlation Matrix

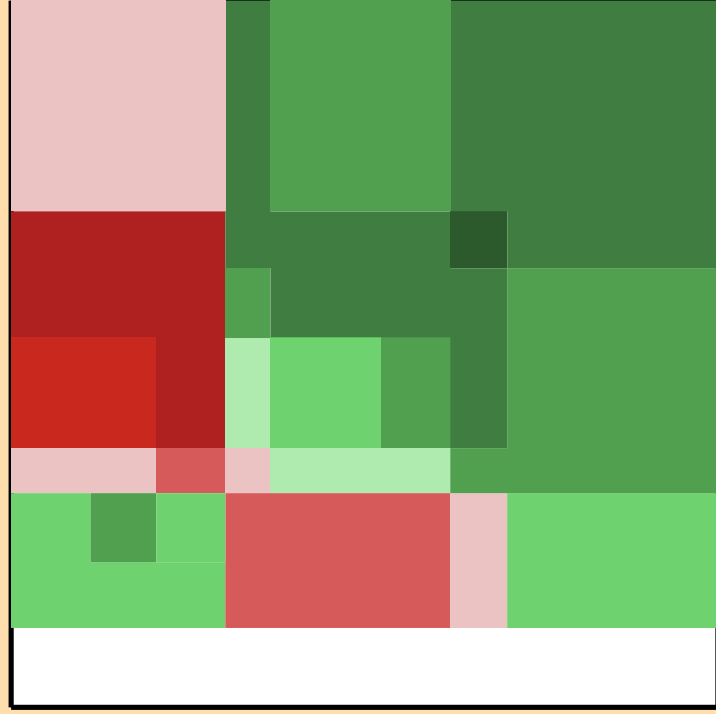
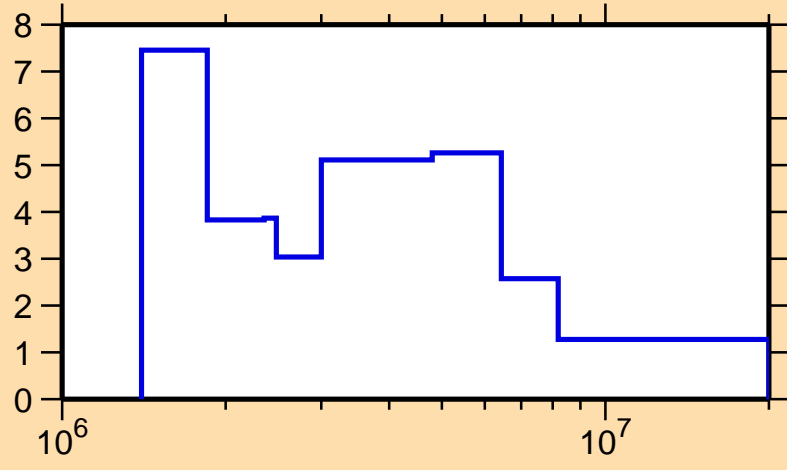




Ordinate scale is %  
relative standard deviation.

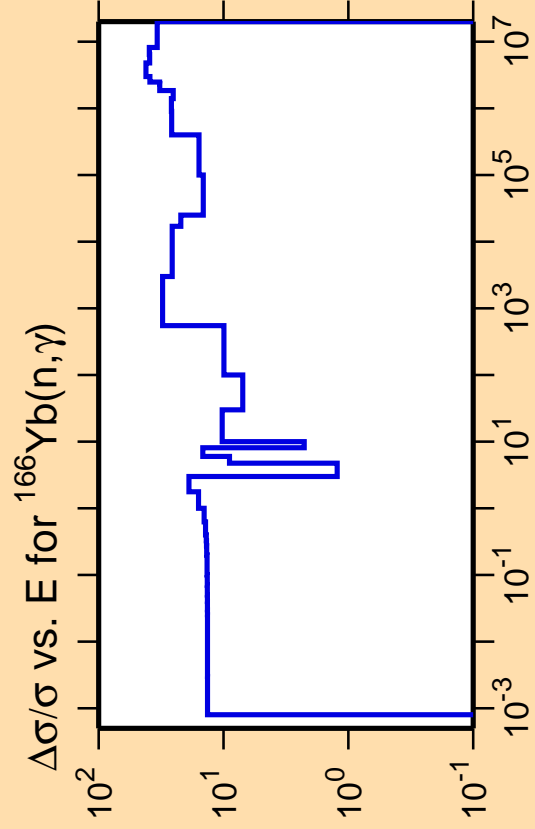
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n, \text{tot.})$



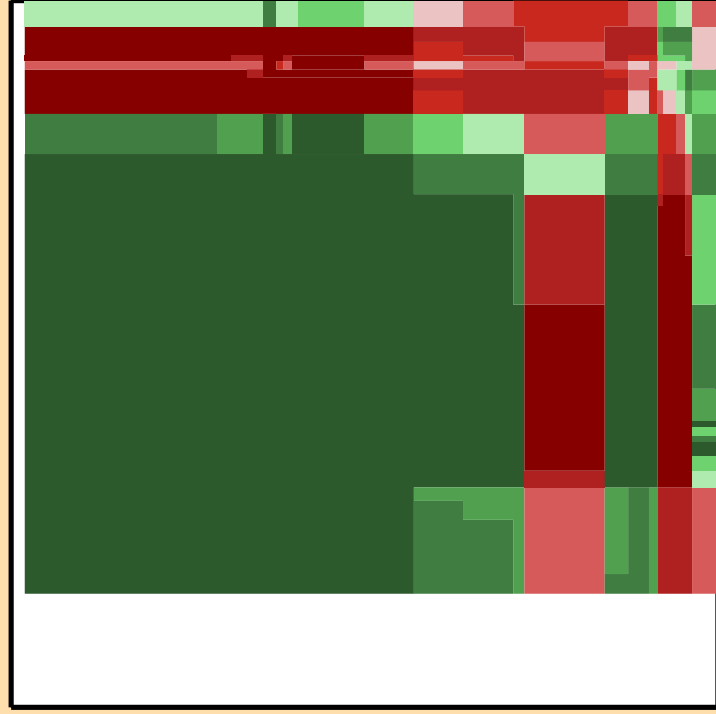
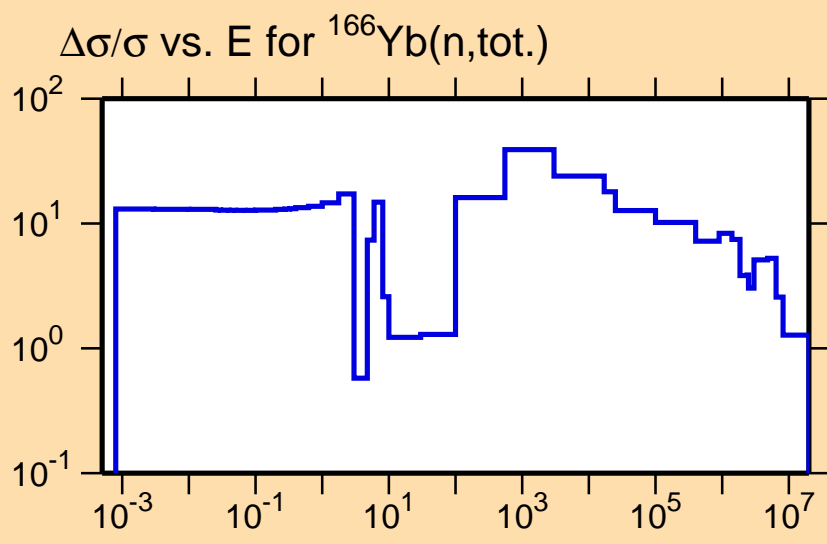
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

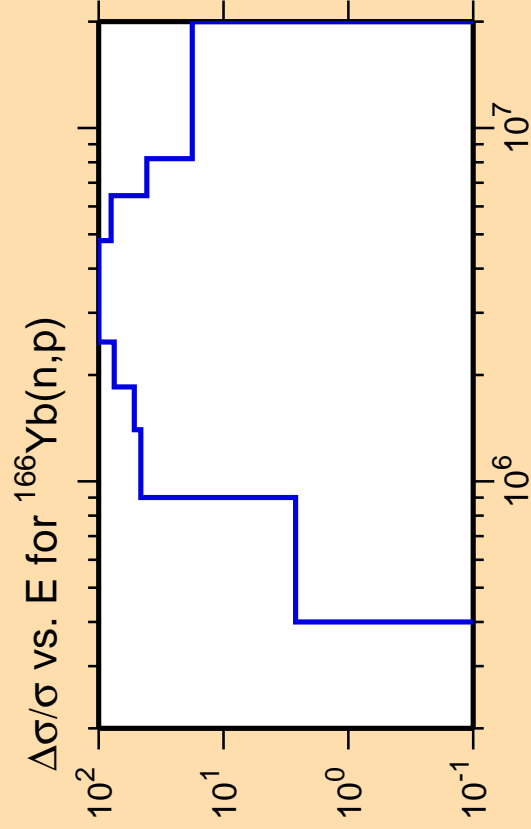
Abscissa scales are energy (eV).



Correlation Matrix



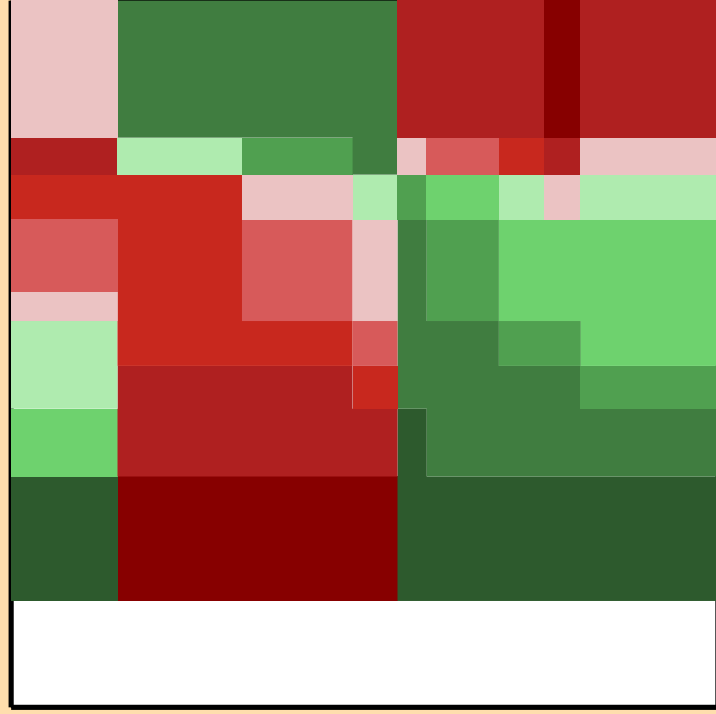
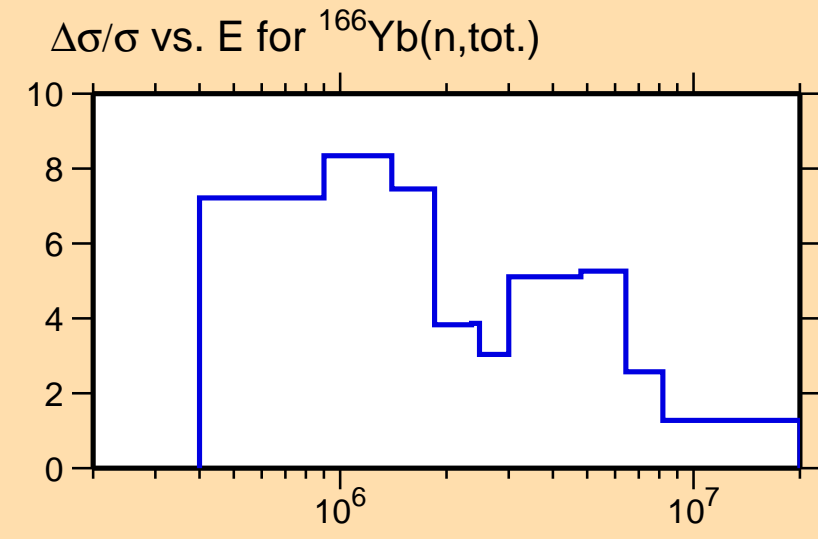




Ordinate scale is %  
relative standard deviation.

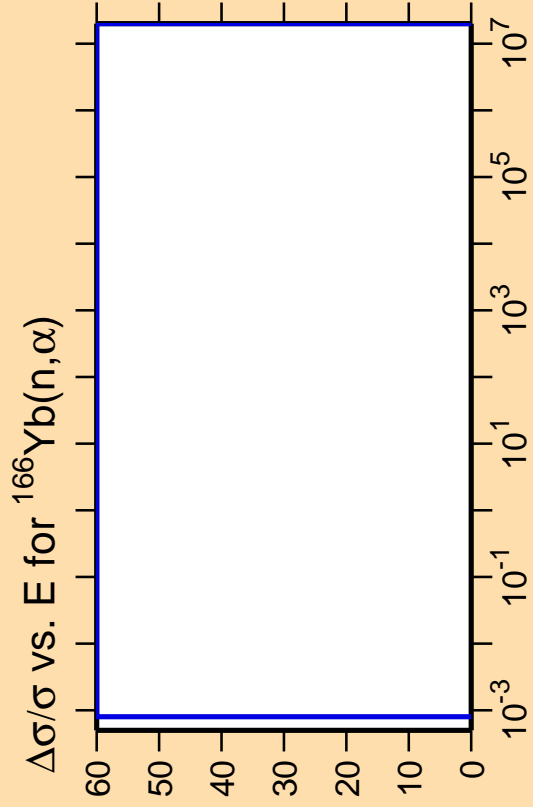
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

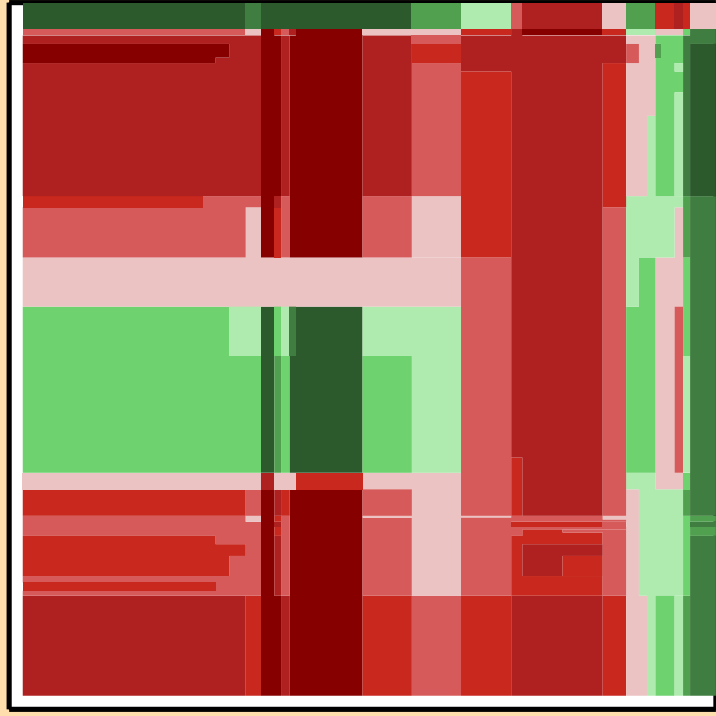
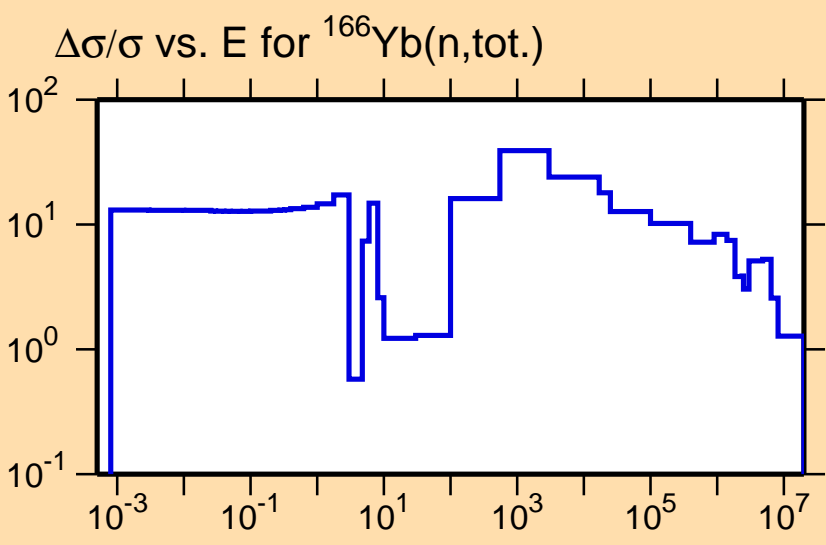




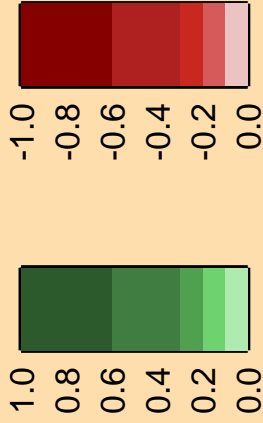
Ordinate scale is %  
relative standard deviation.

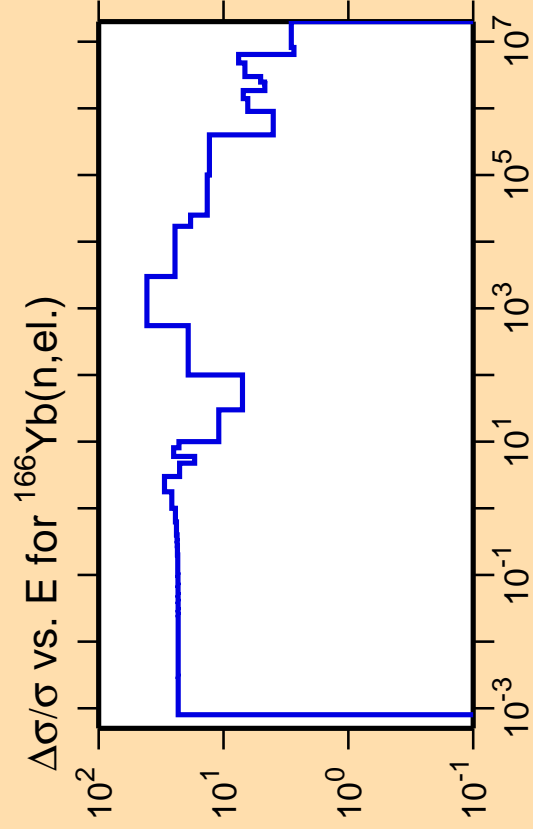
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



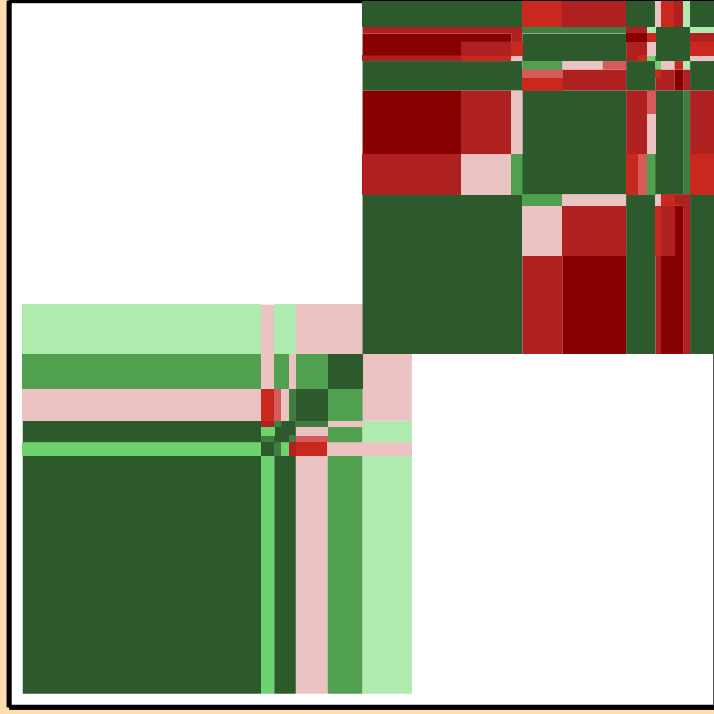
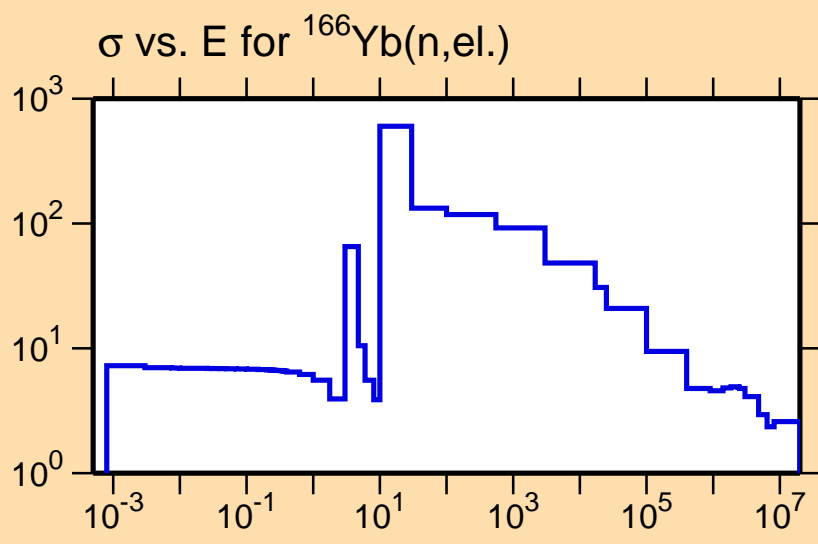
Correlation Matrix





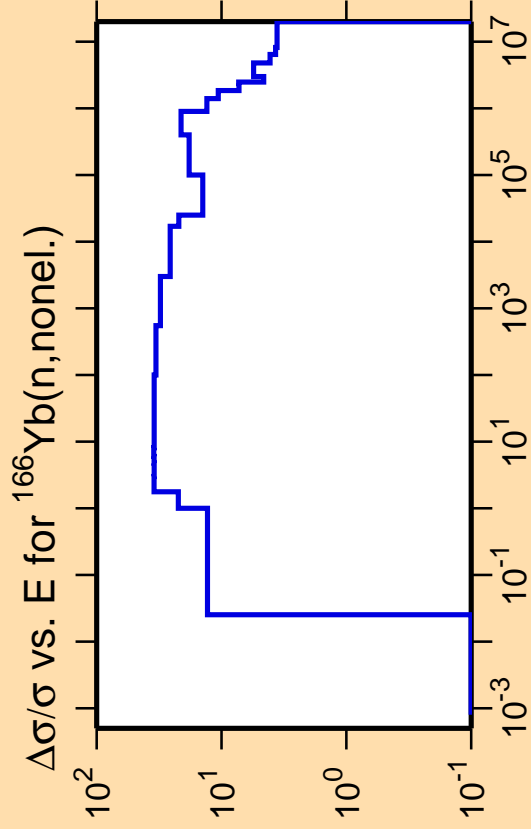
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix



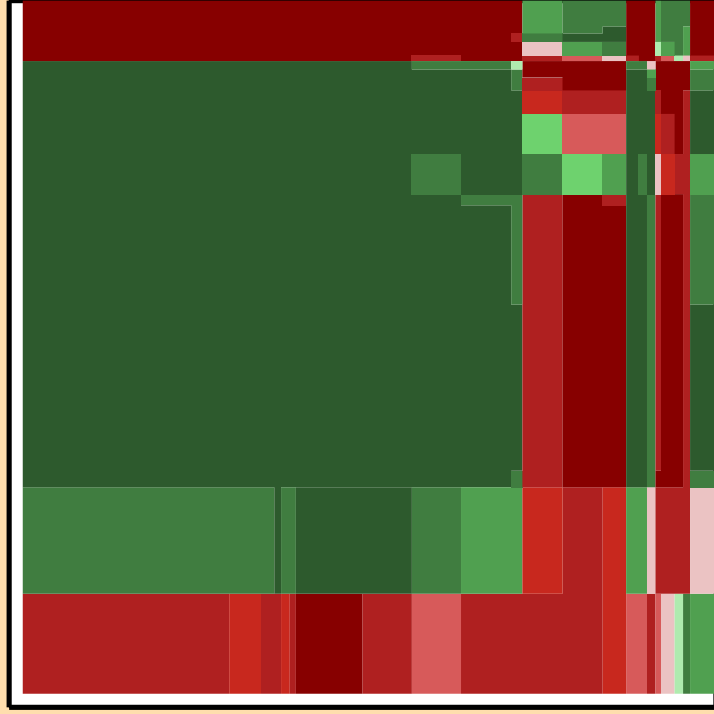
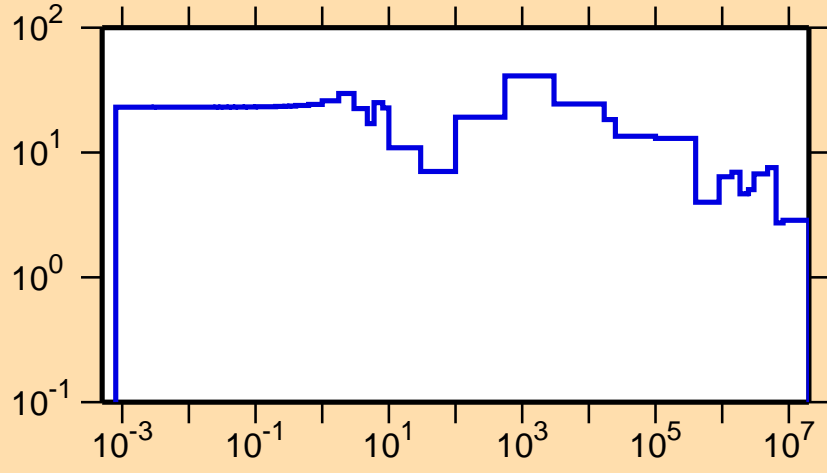


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

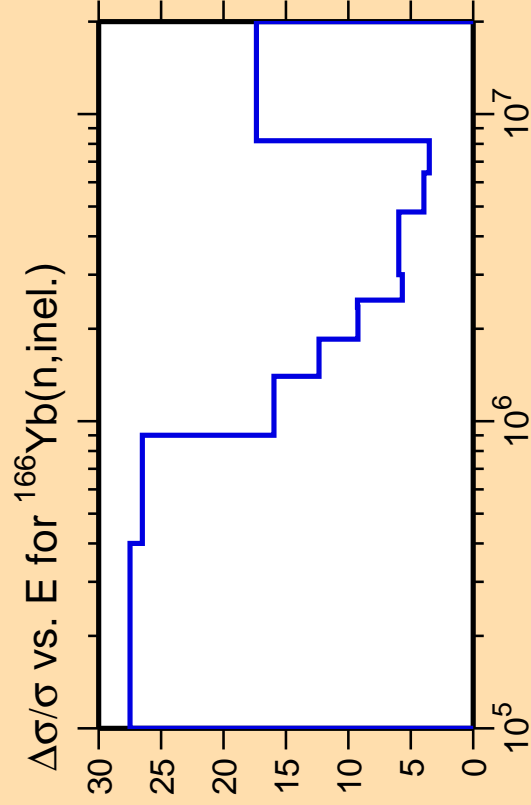
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix

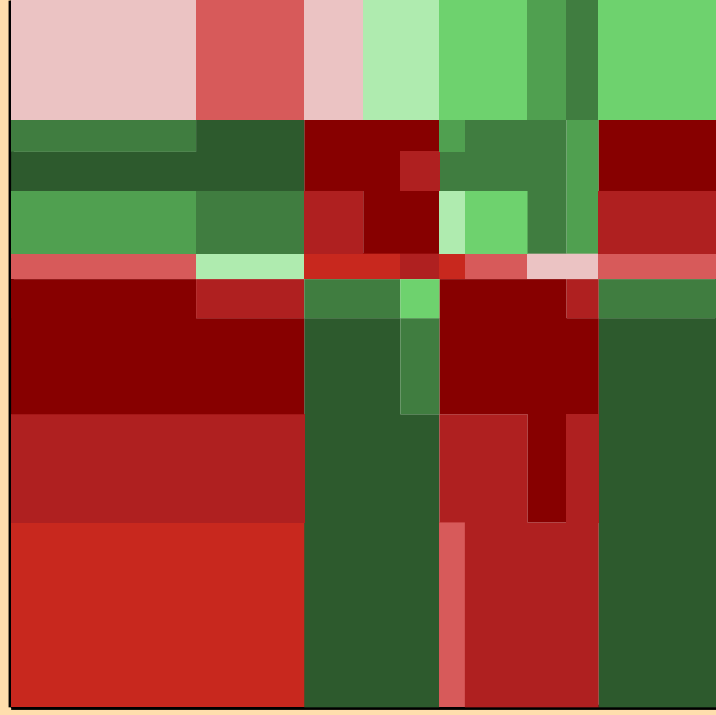
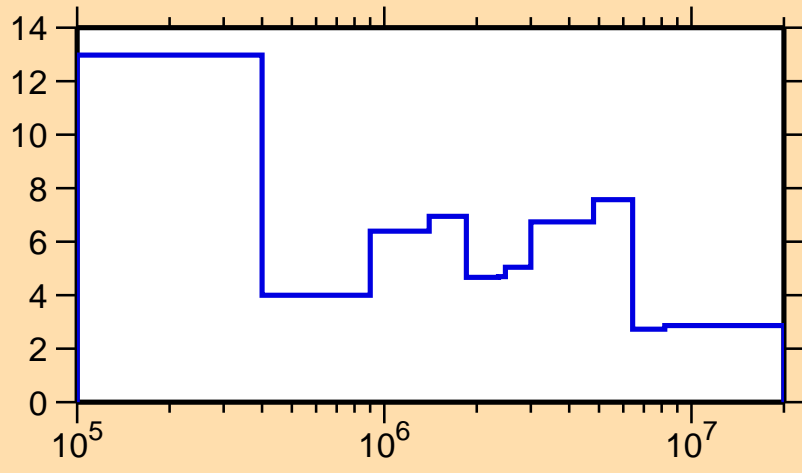




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

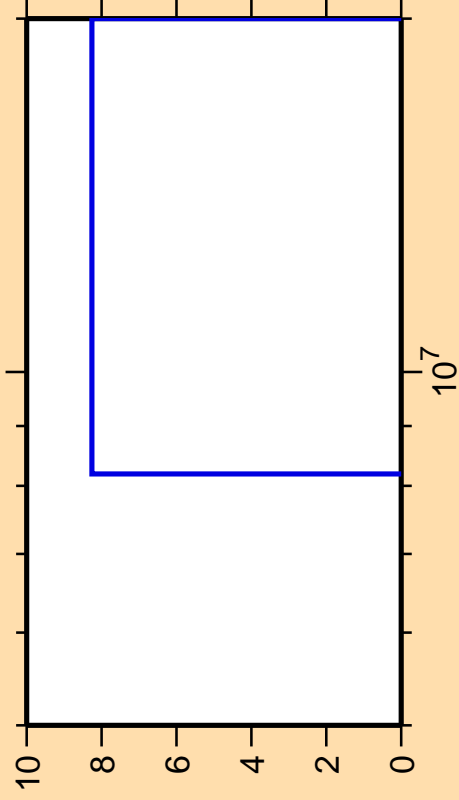
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix



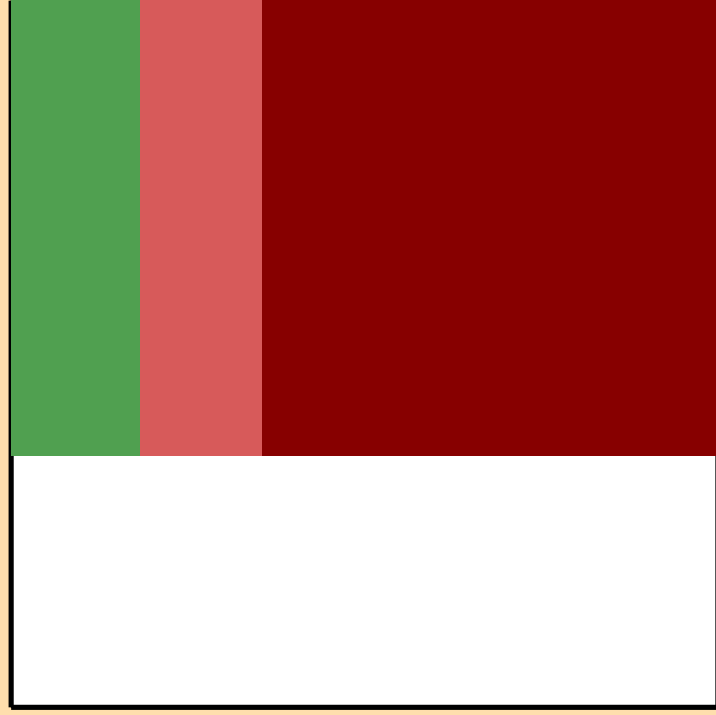
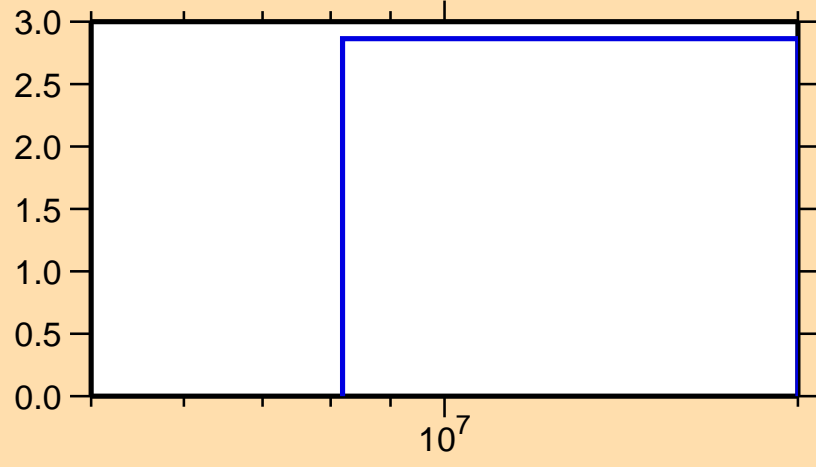
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Ordinate scale is %  
relative standard deviation.

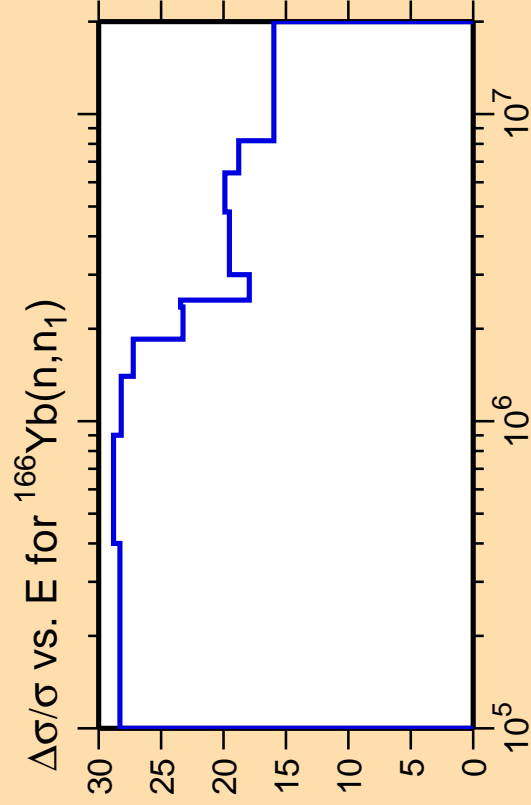
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix

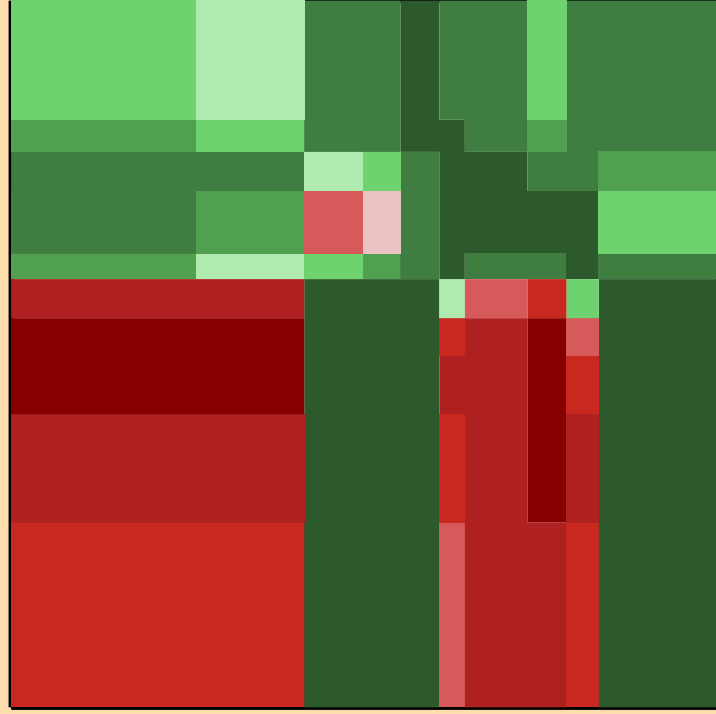
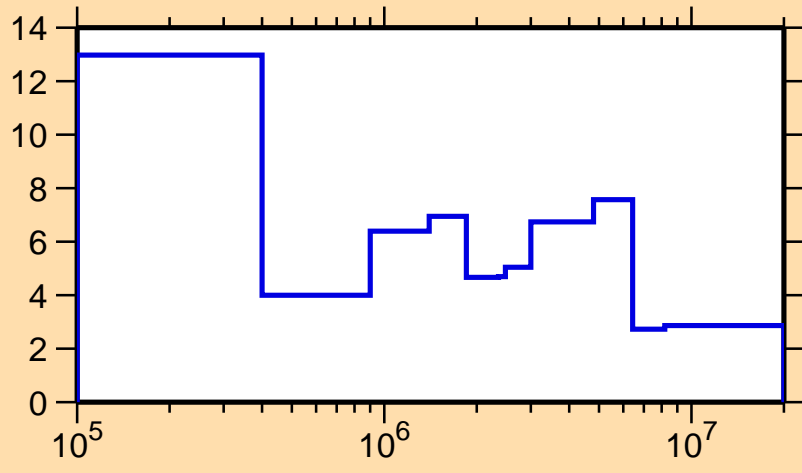




Ordinate scale is %  
relative standard deviation.

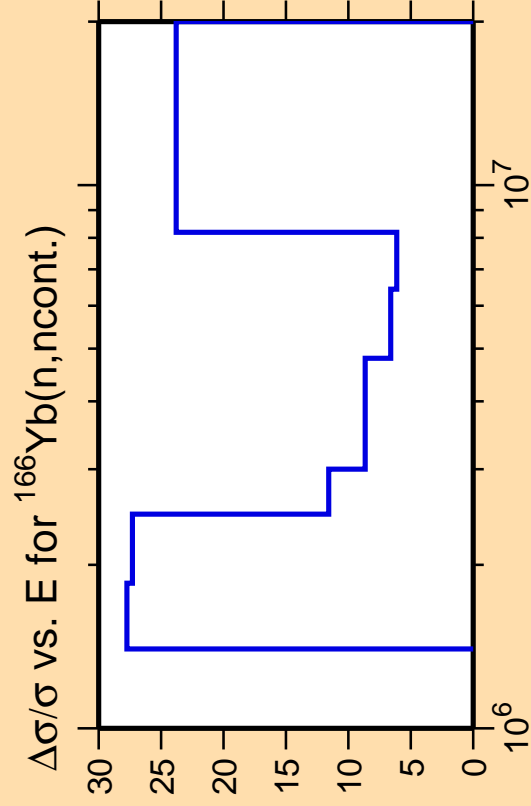
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix

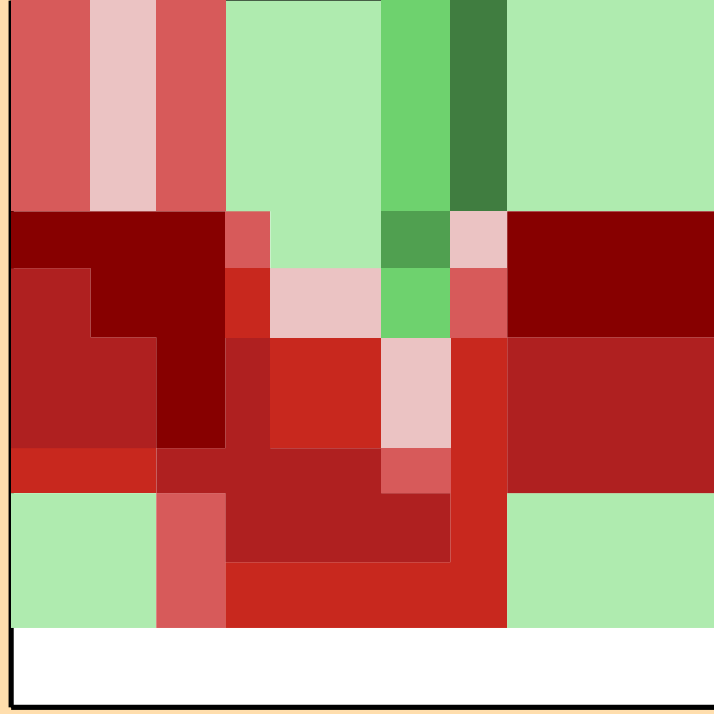
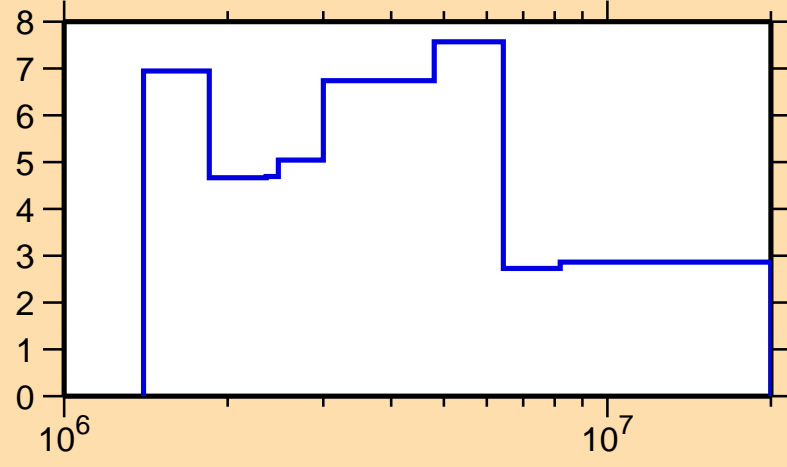




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

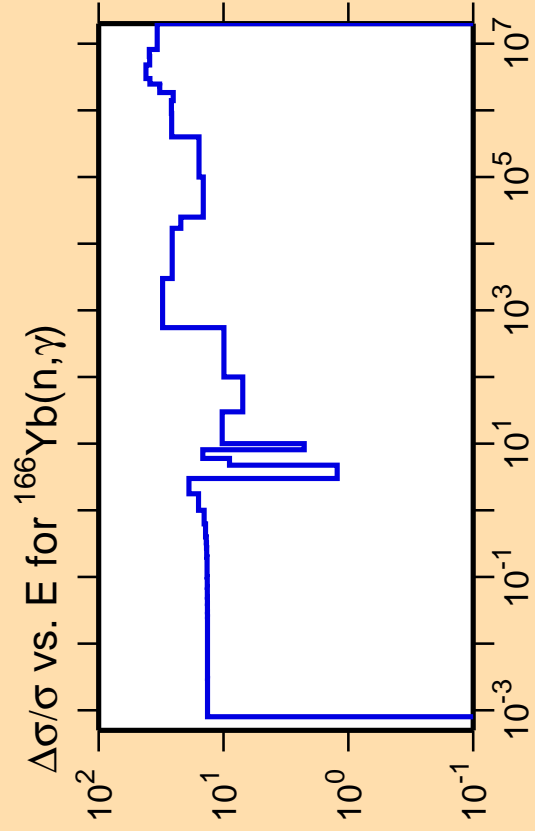
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n, el.)$



Correlation Matrix



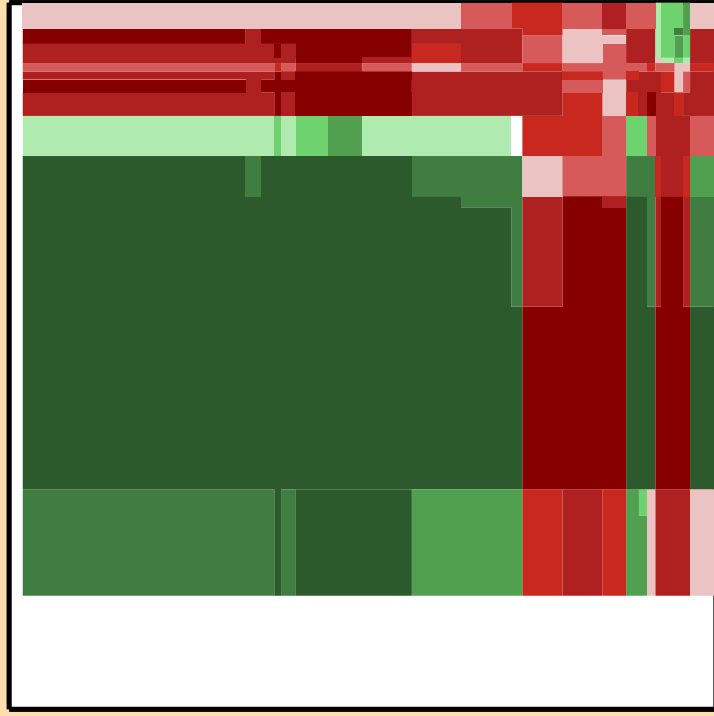
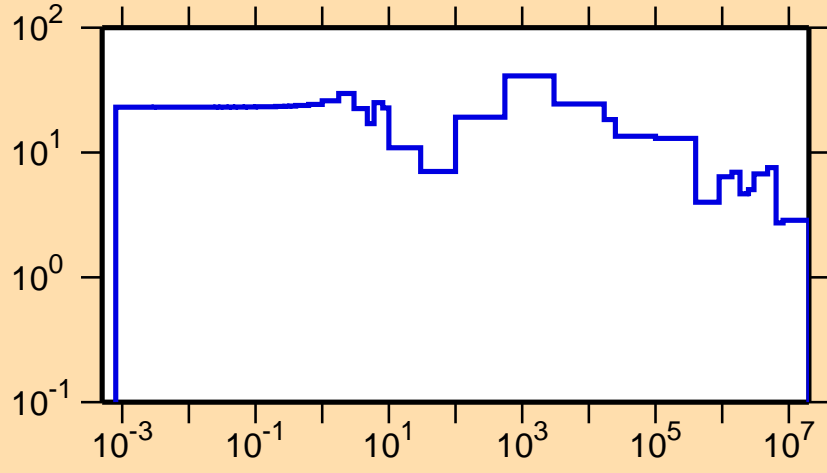




Ordinate scale is %  
relative standard deviation.

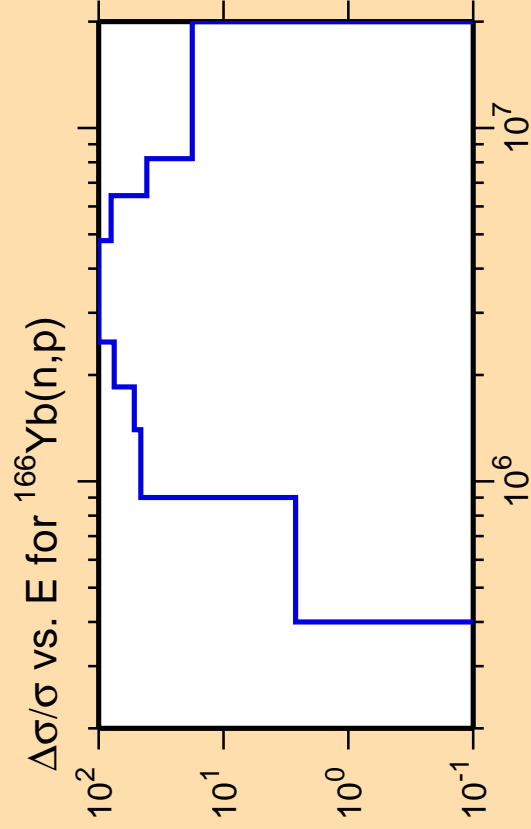
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix



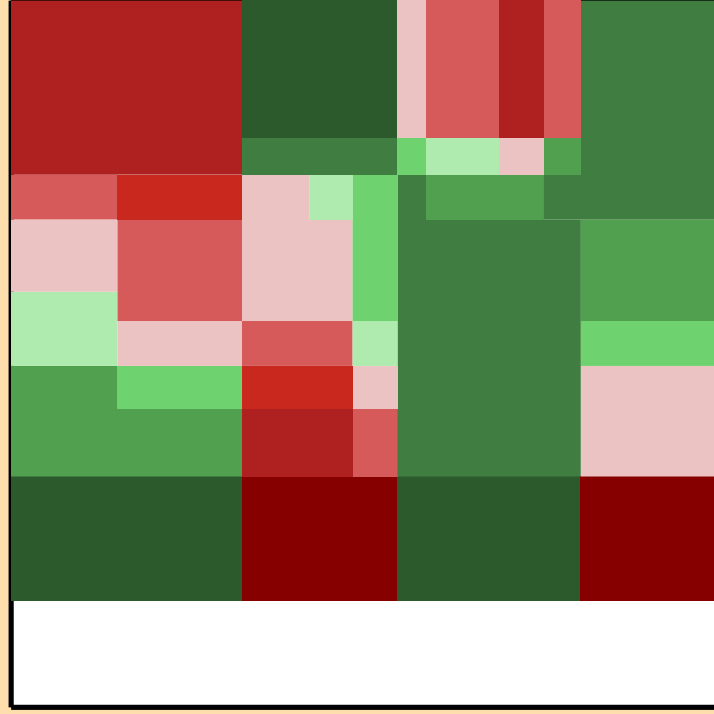
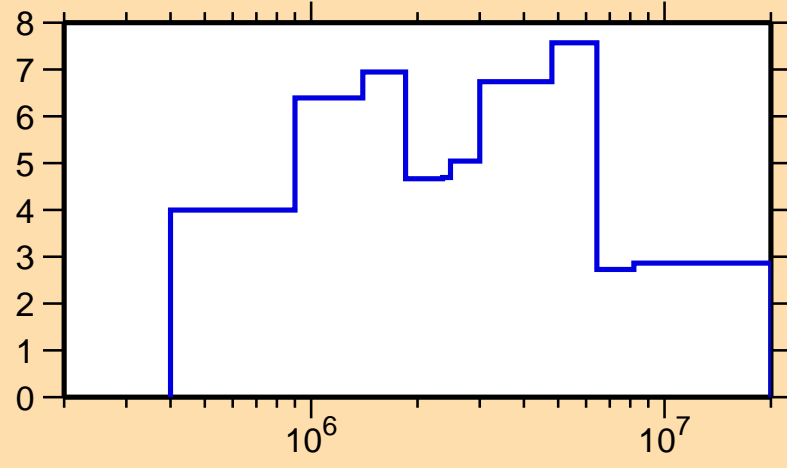


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

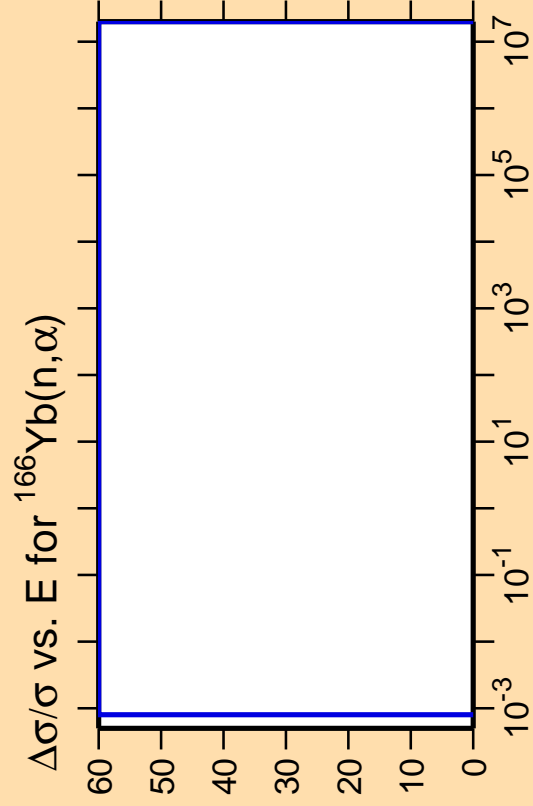
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix



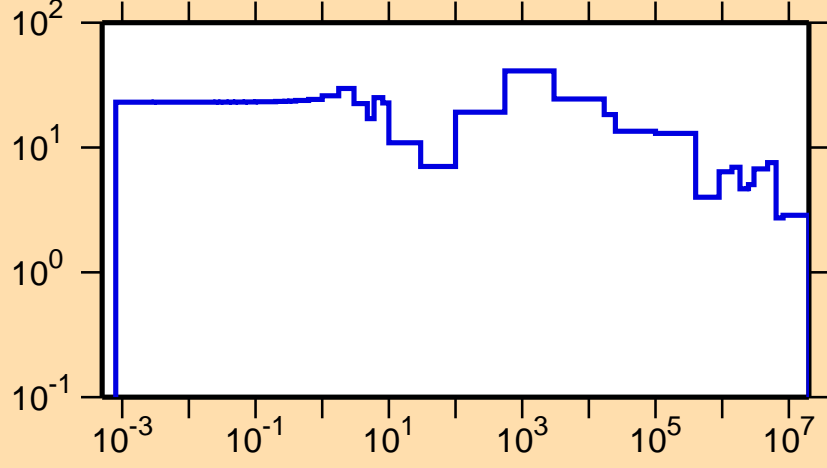


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

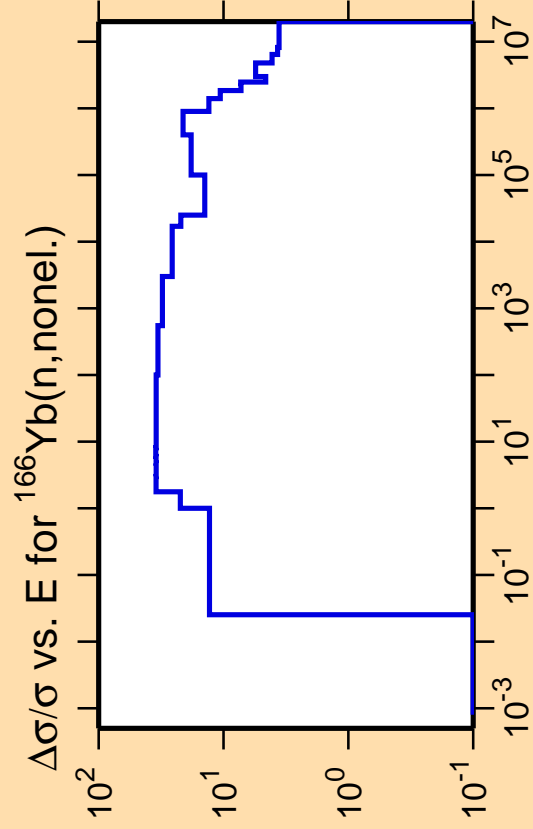
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{el.})$



Correlation Matrix

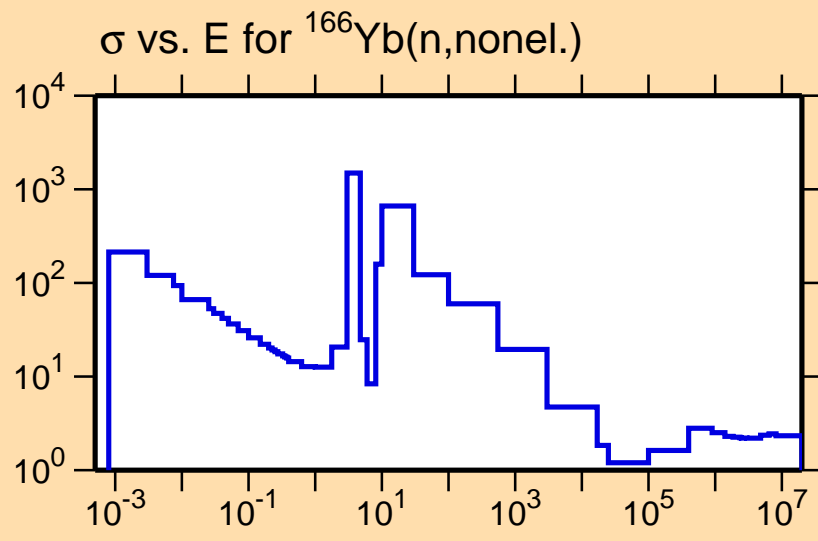




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

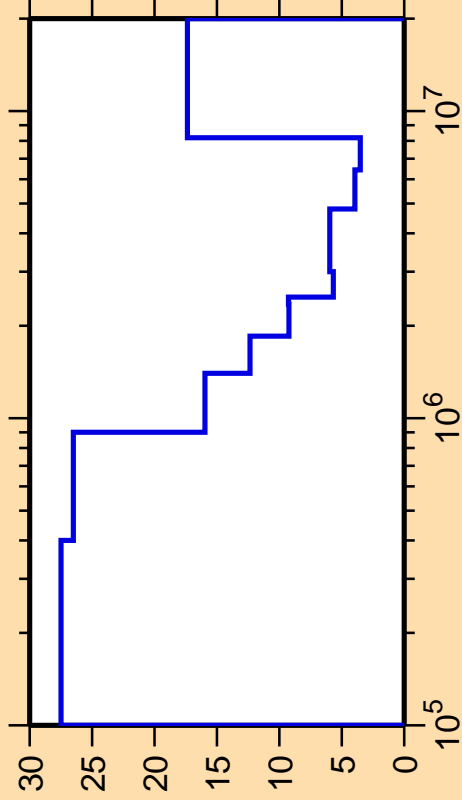
Warning: some uncertainty data were suppressed.



Correlation Matrix



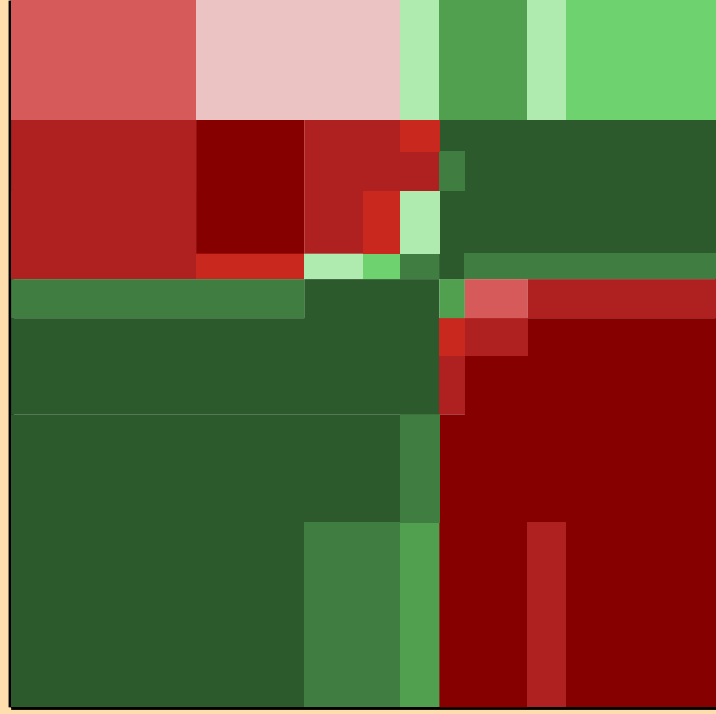
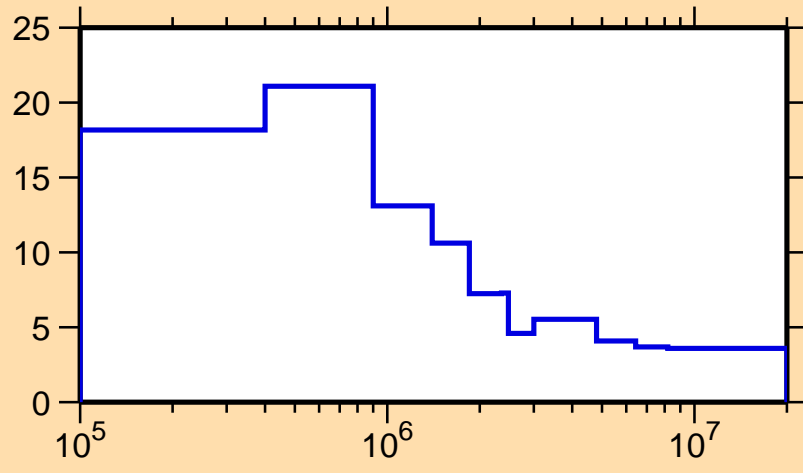
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

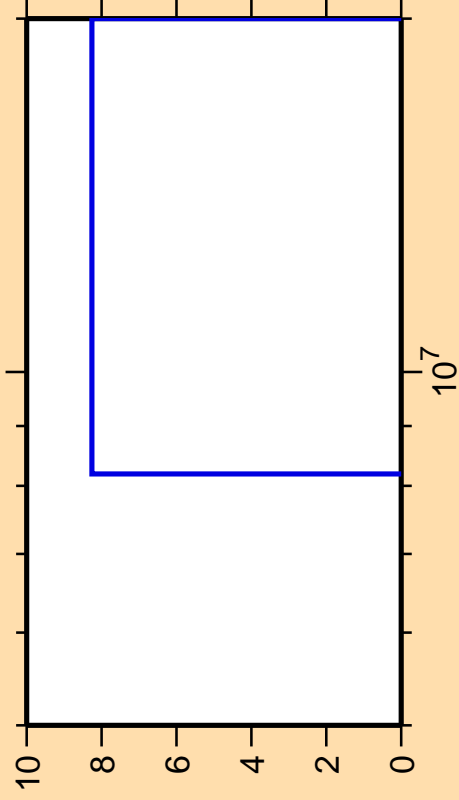
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nonel.})$



Correlation Matrix



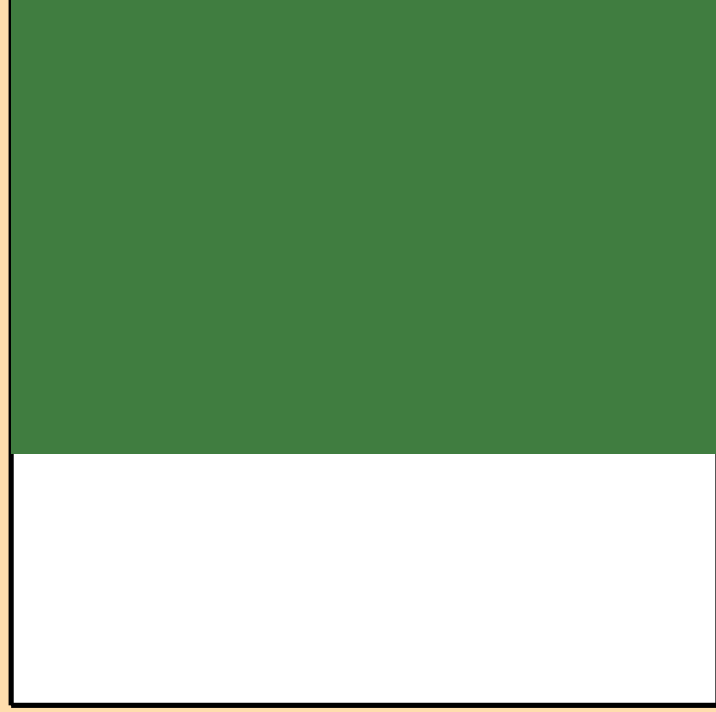
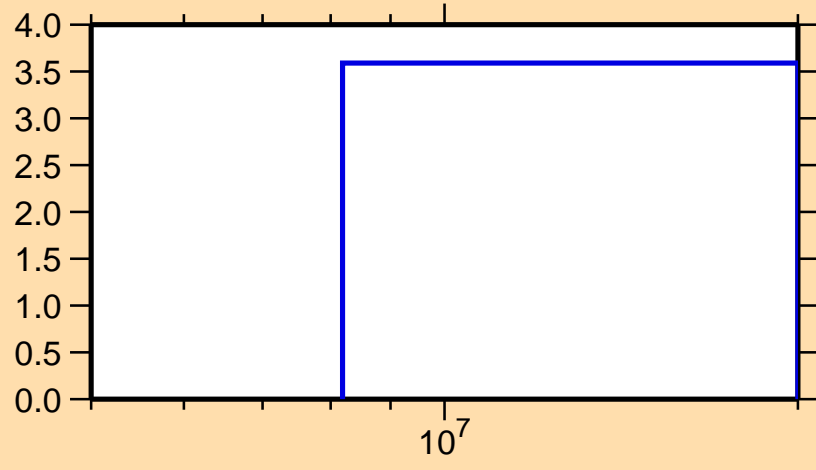
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Ordinate scale is %  
relative standard deviation.

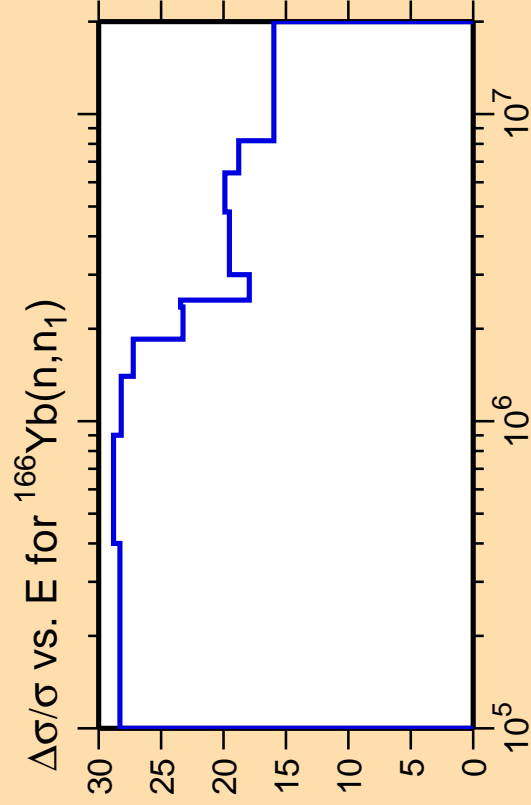
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nonel.})$



Correlation Matrix

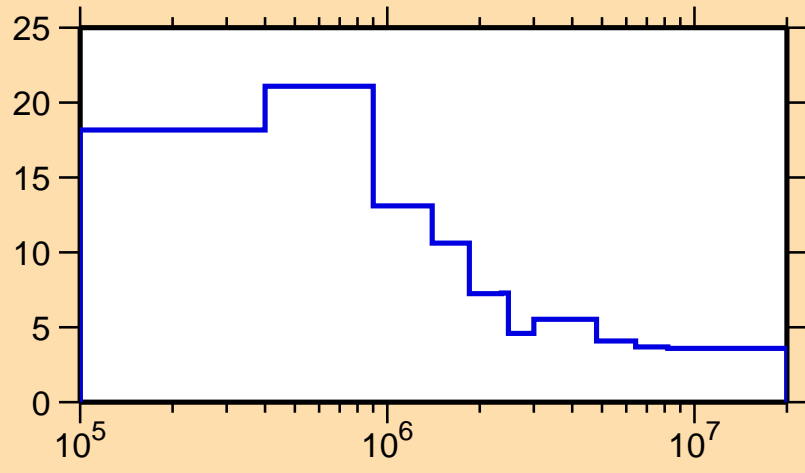




Ordinate scale is %  
relative standard deviation.

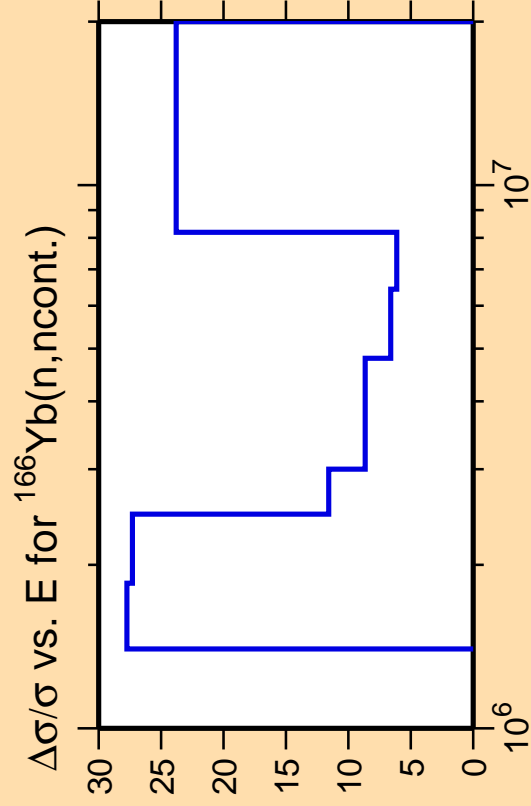
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nonel.})$



Correlation Matrix

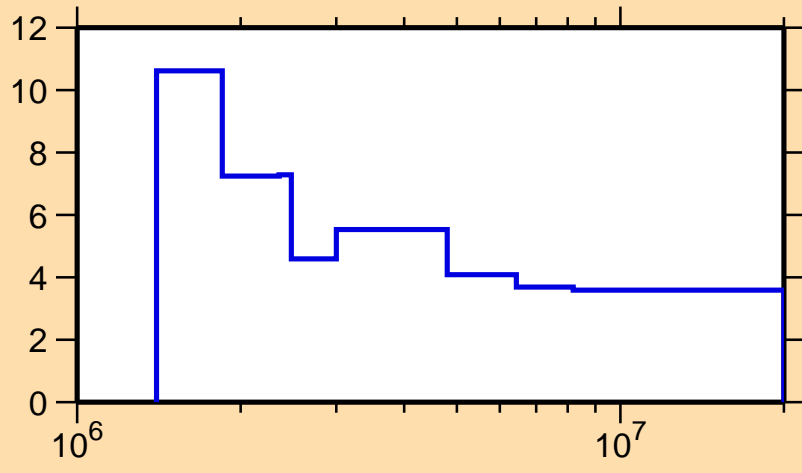




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

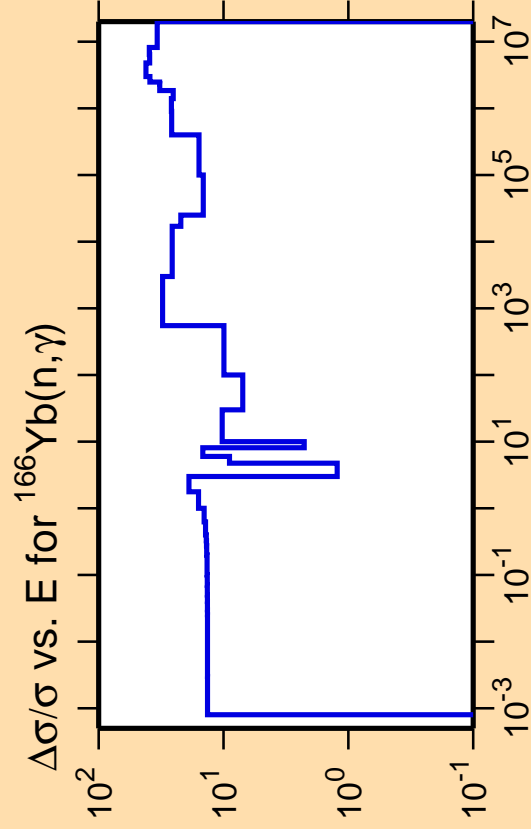
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nonel.})$



Correlation Matrix





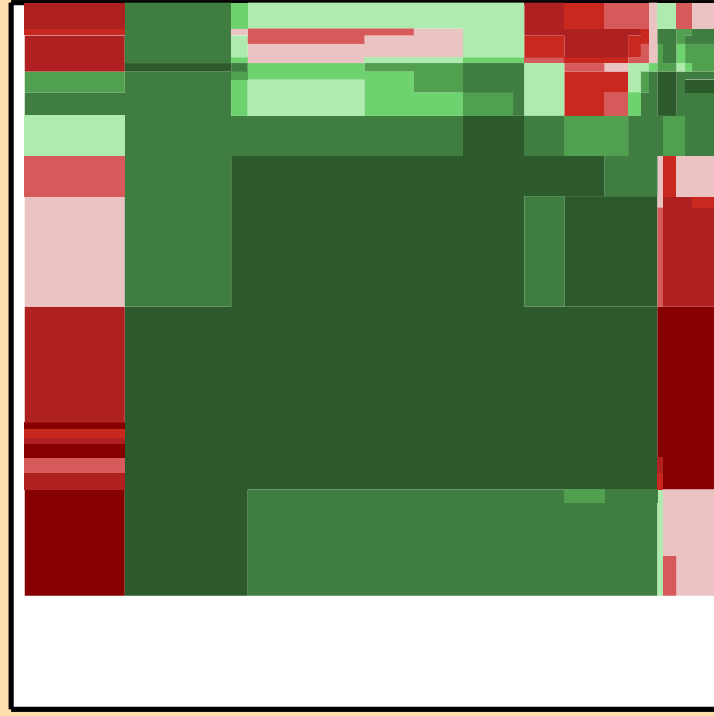
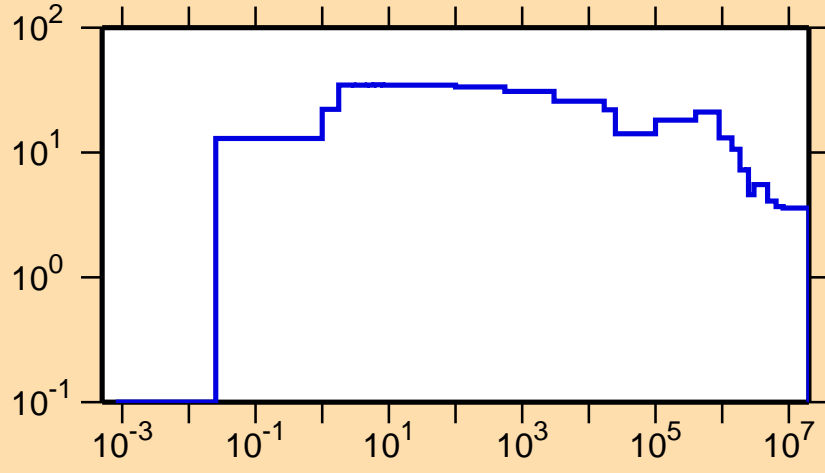


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

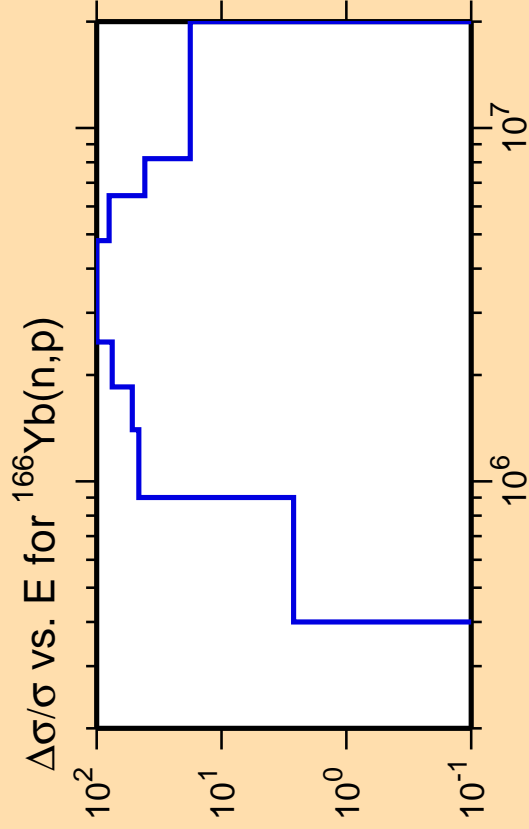
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nonel.})$



Correlation Matrix

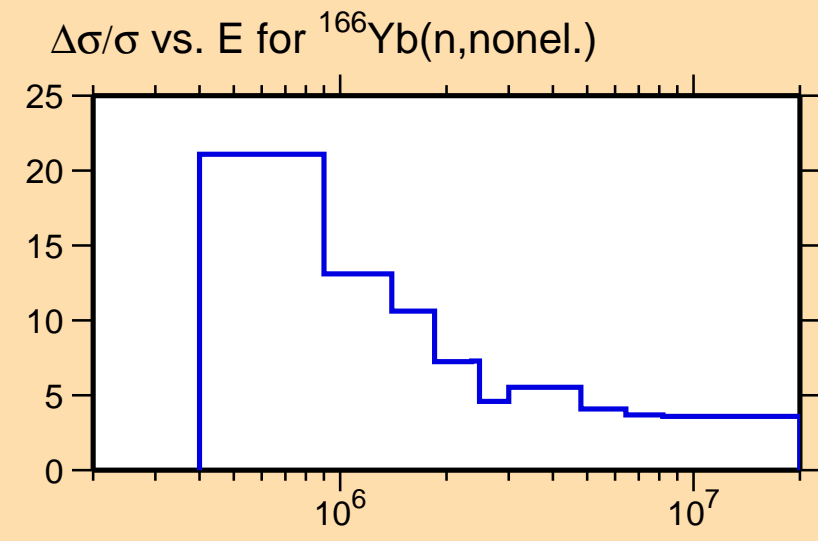




Ordinate scale is %  
relative standard deviation.

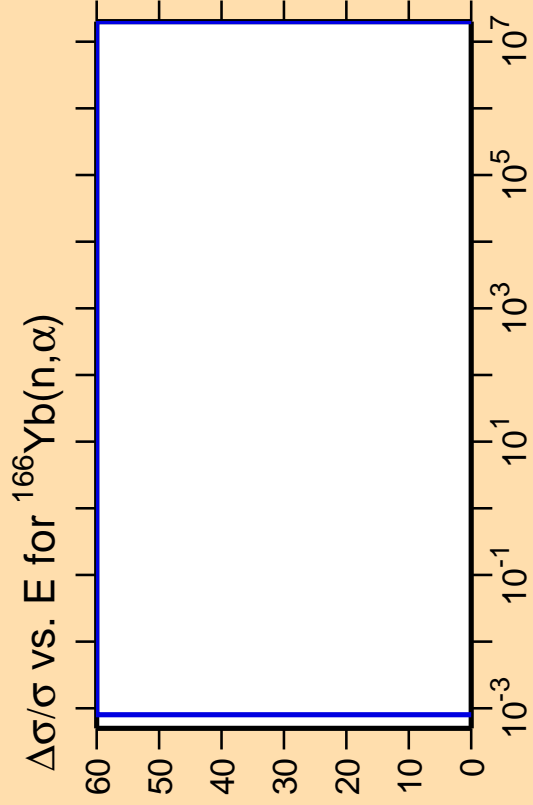
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

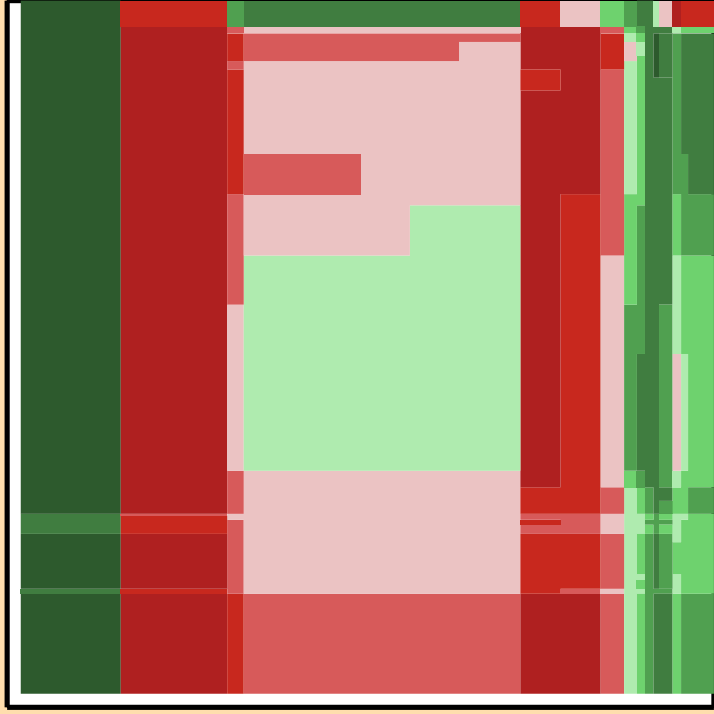
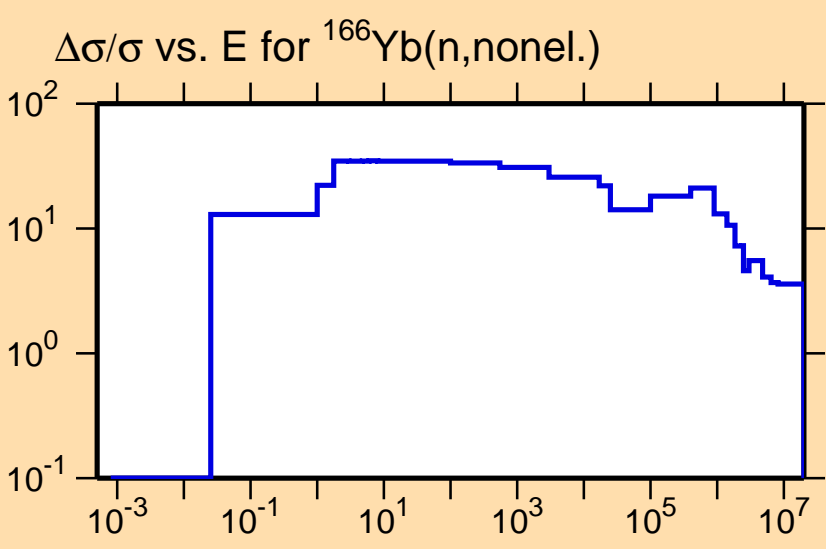




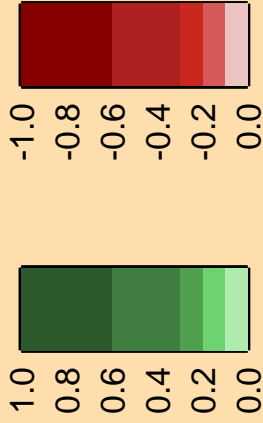
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

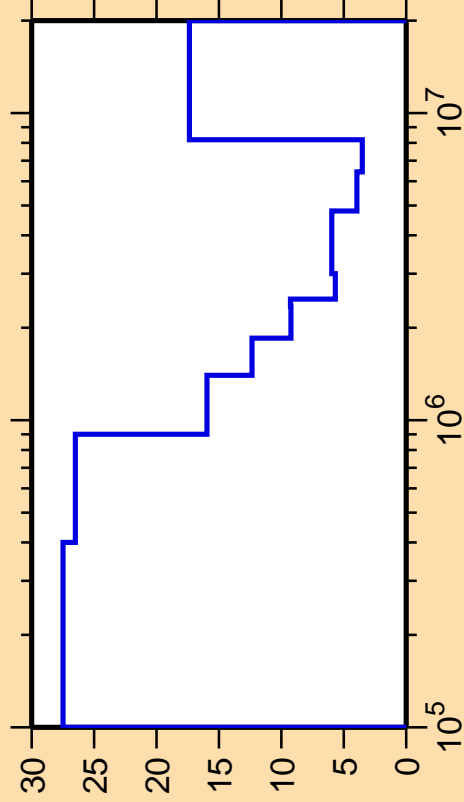
Warning: some uncertainty  
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Correlation Matrix



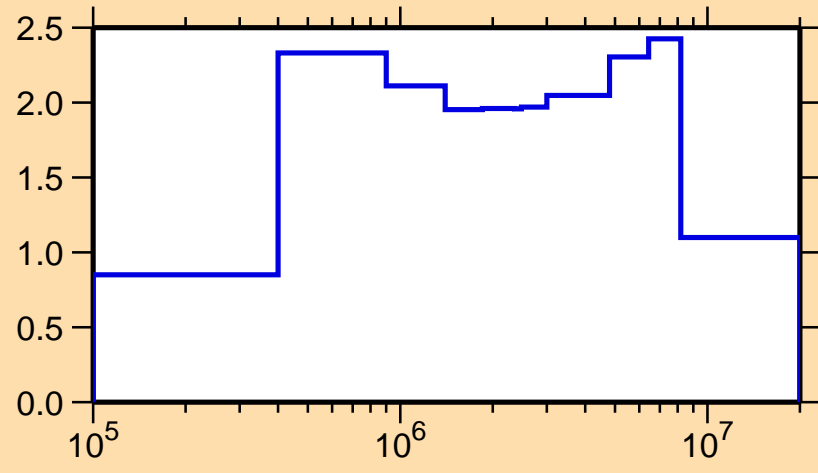
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

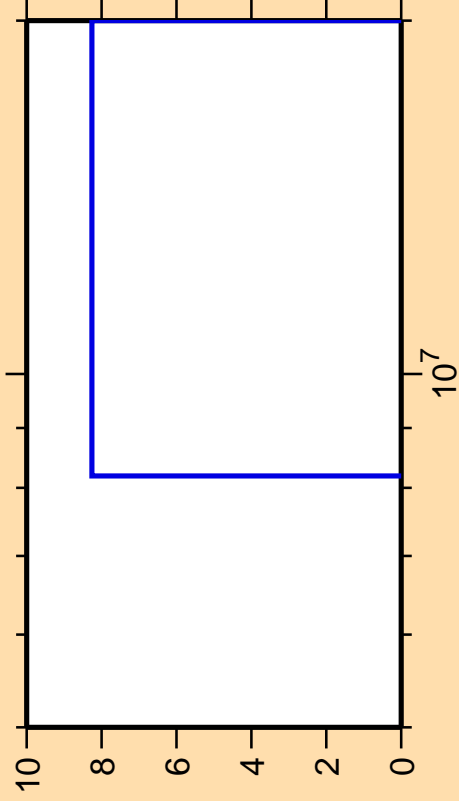
$\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Correlation Matrix



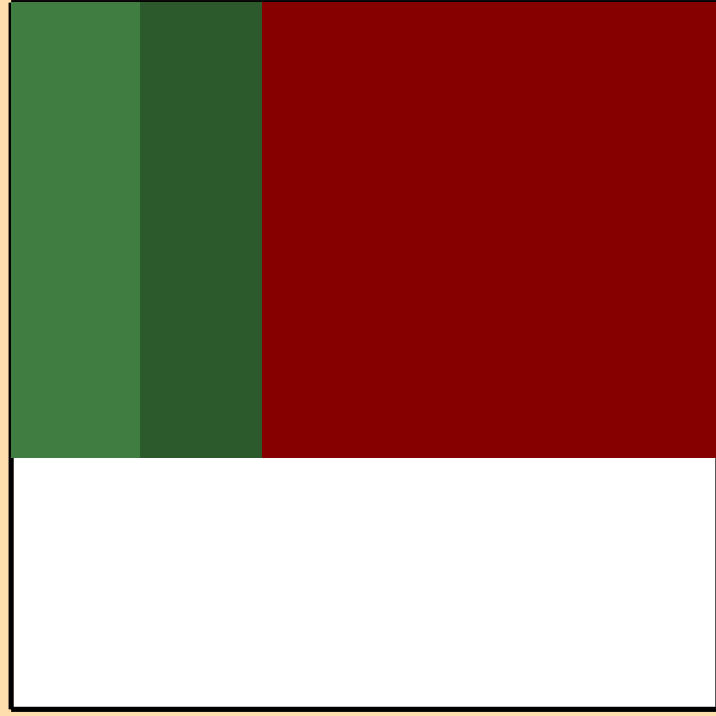
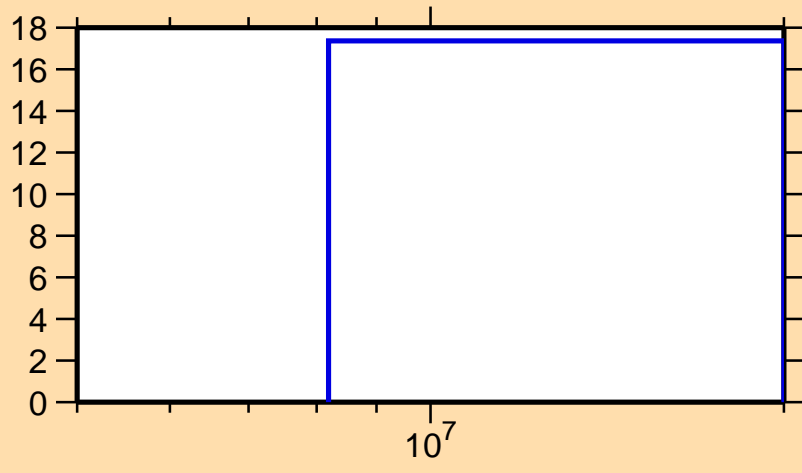
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Ordinate scale is %  
relative standard deviation.

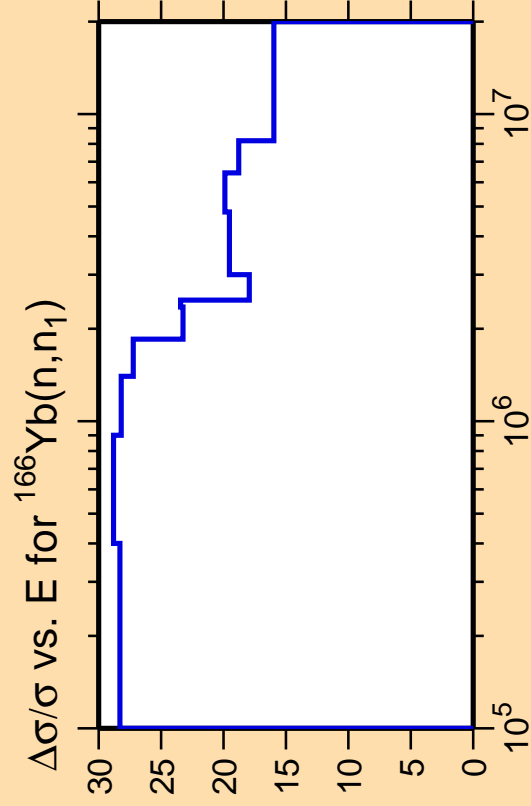
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Correlation Matrix

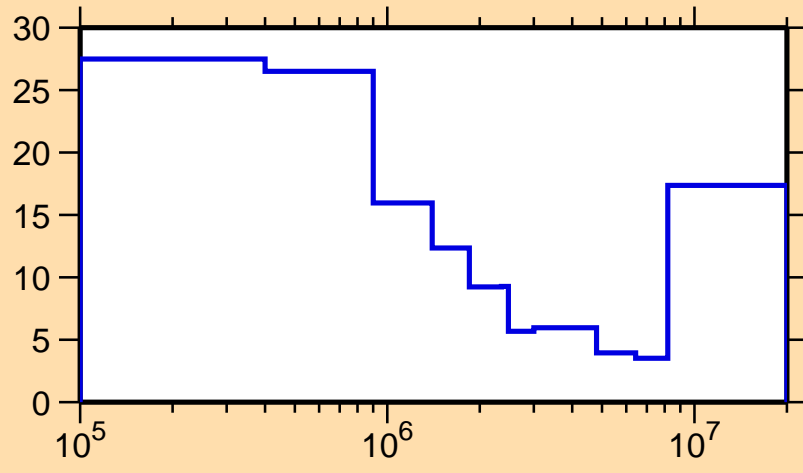




Ordinate scale is %  
relative standard deviation.

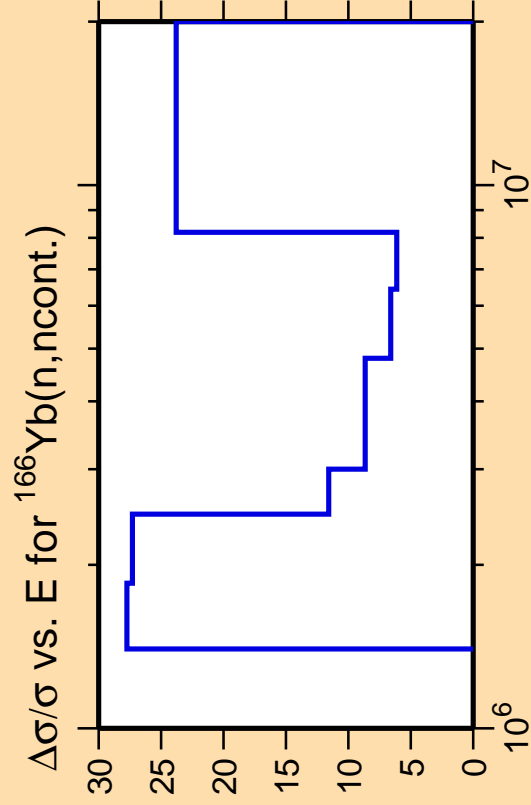
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Correlation Matrix

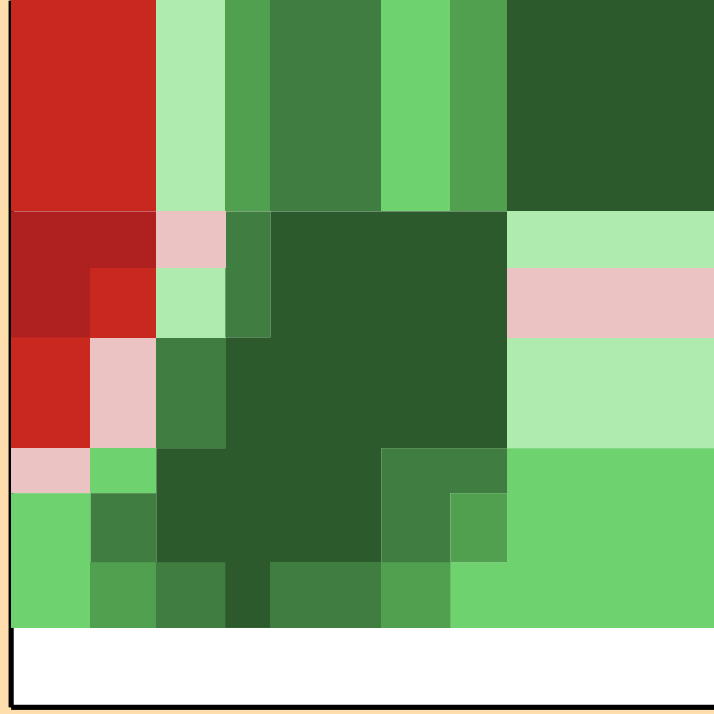
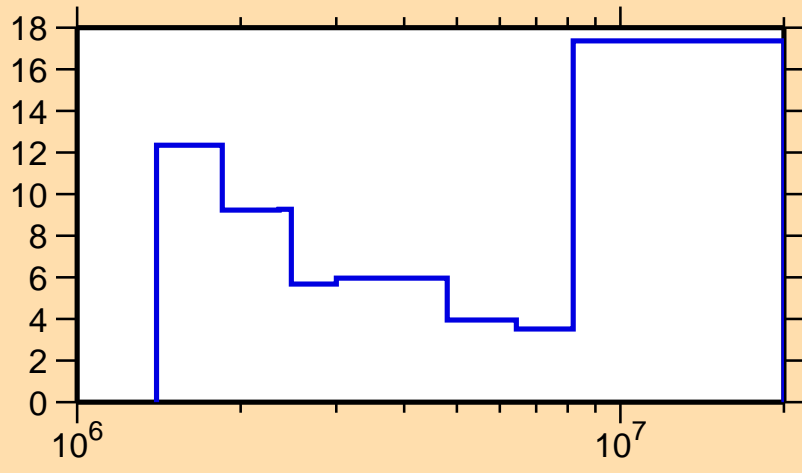




Ordinate scale is %  
relative standard deviation.

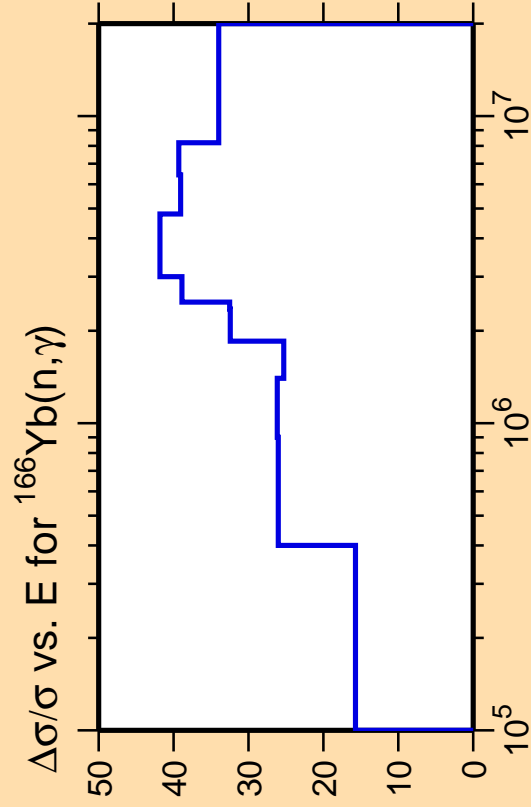
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n, \text{inel.})$



Correlation Matrix

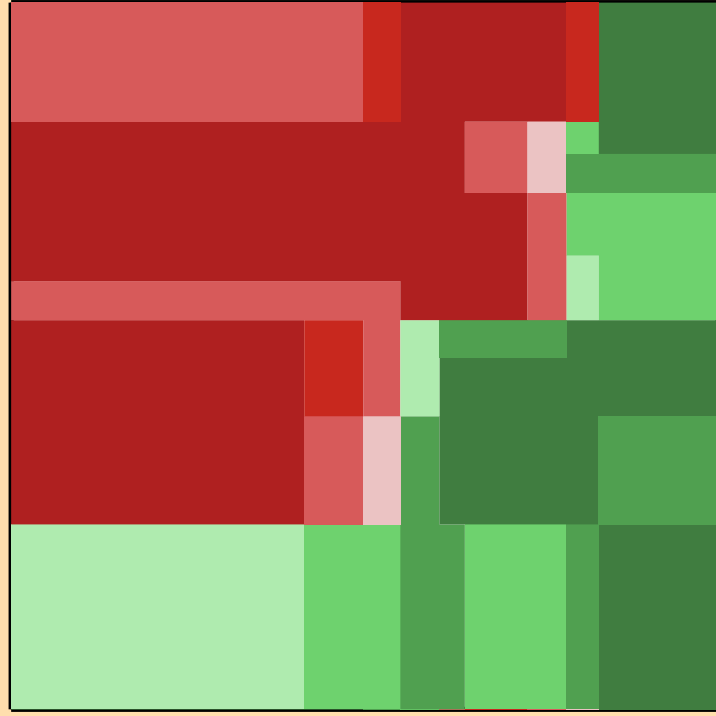
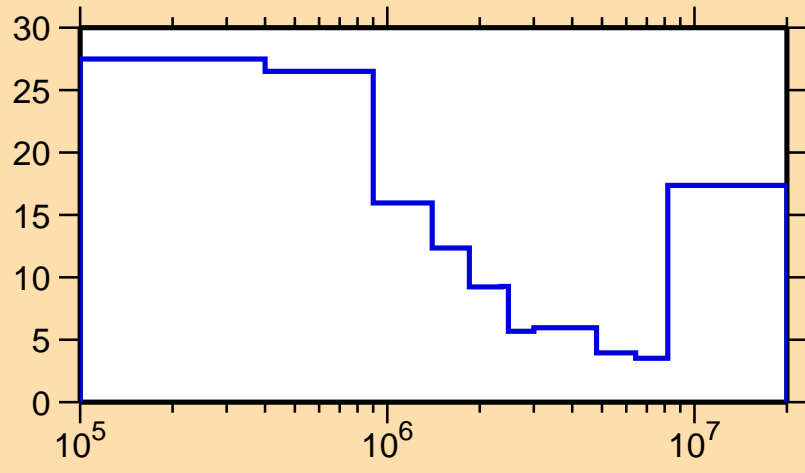




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

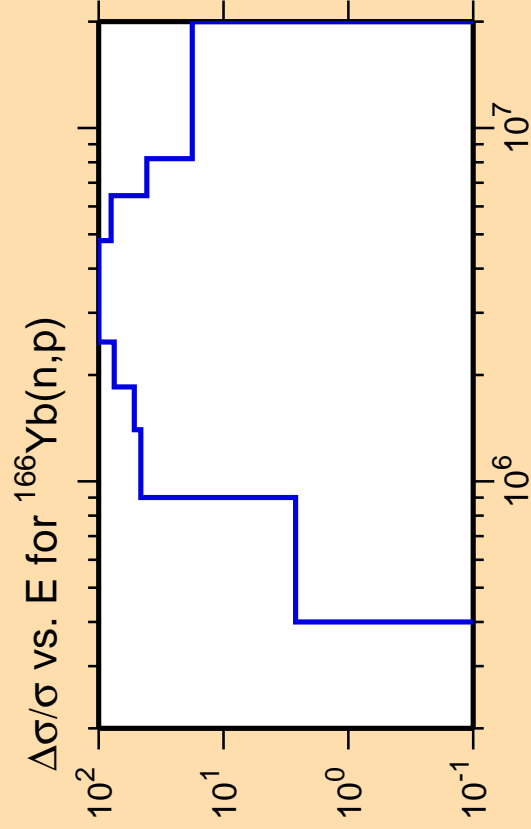
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Correlation Matrix



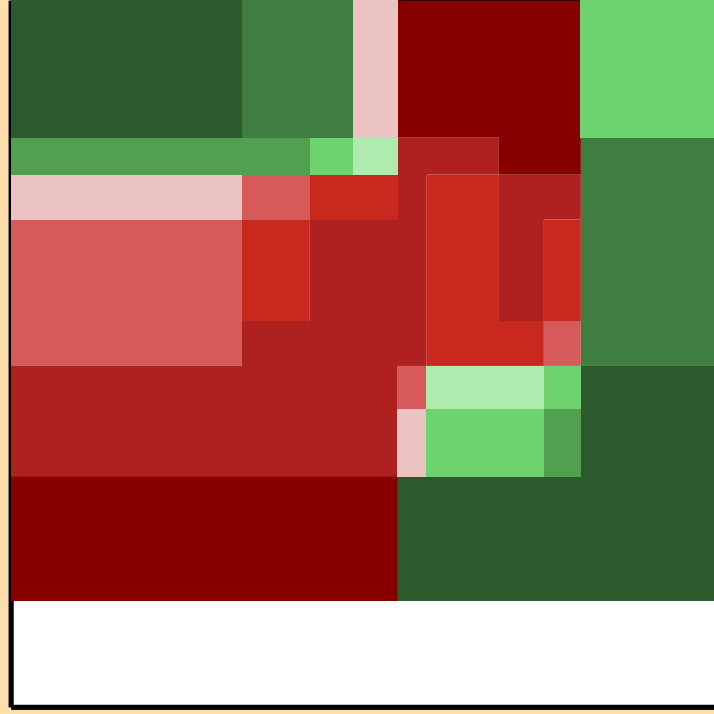
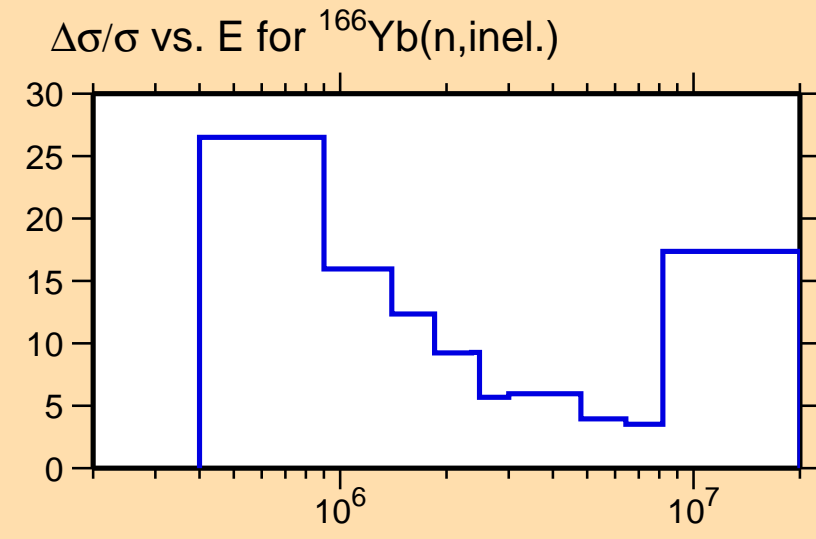




Ordinate scale is %  
relative standard deviation.

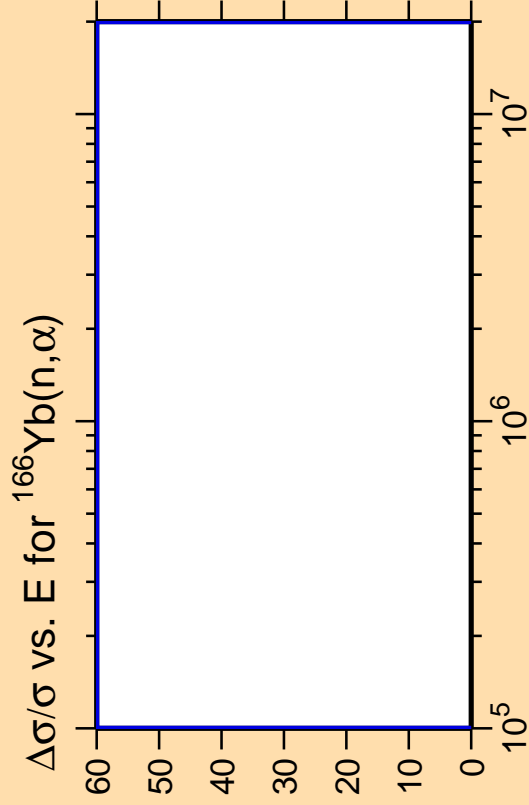
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



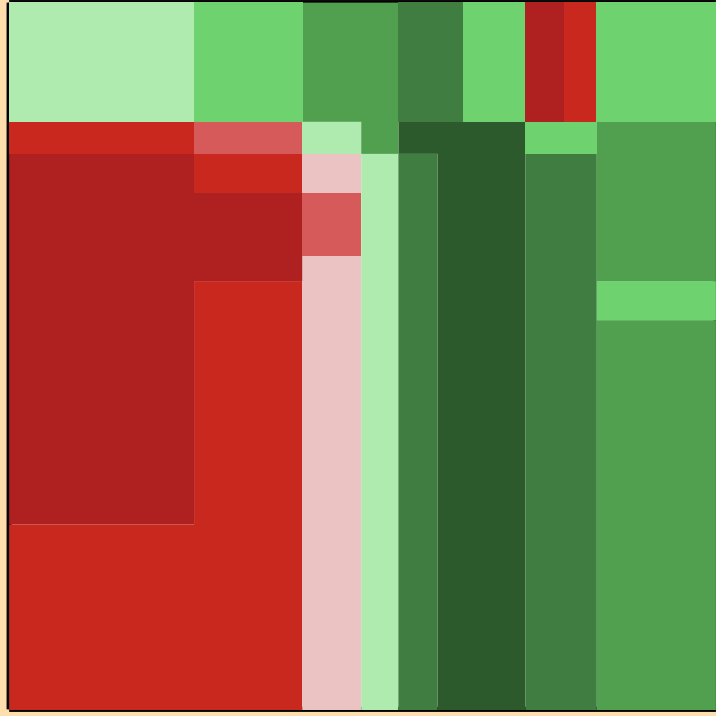
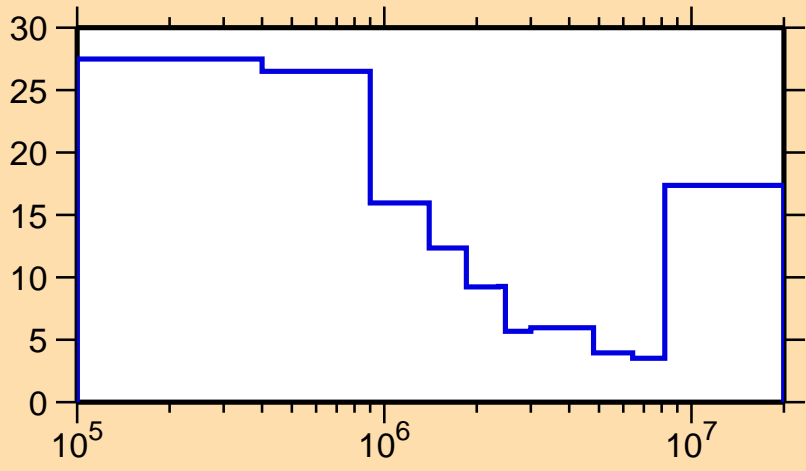


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

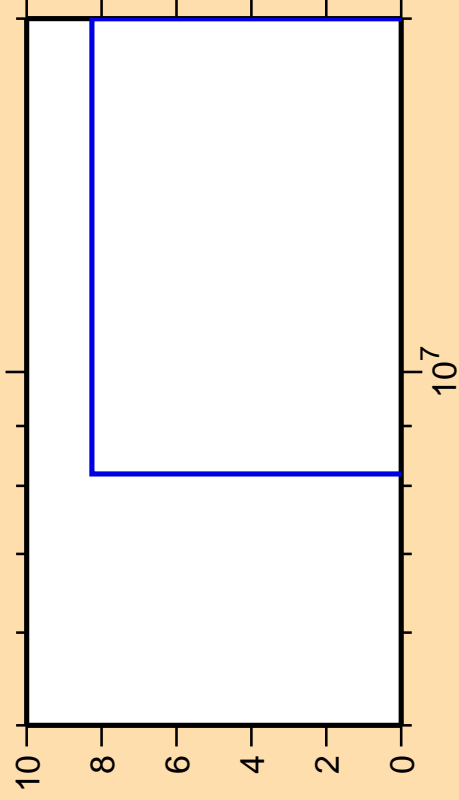
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{inel.})$



Correlation Matrix



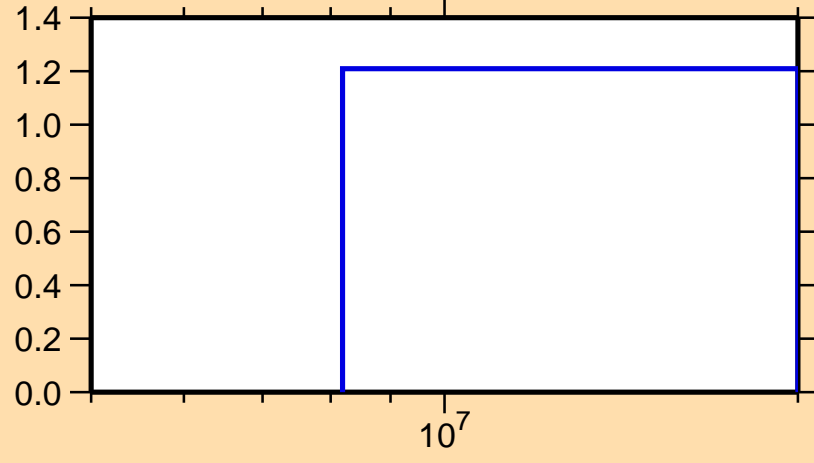
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

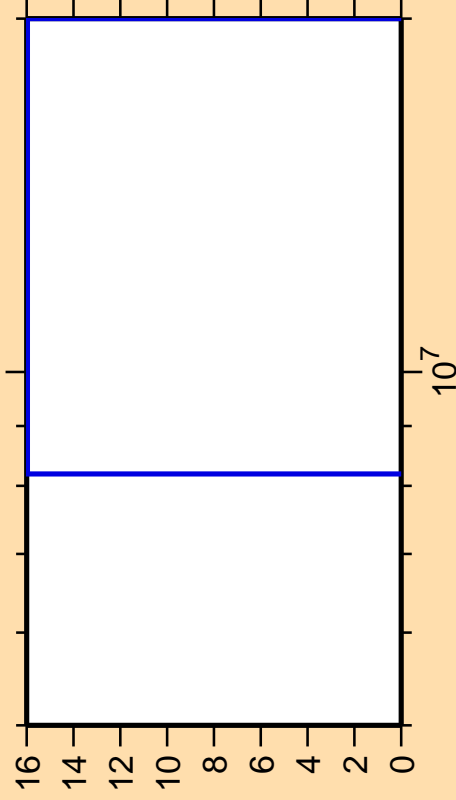
$\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Correlation Matrix



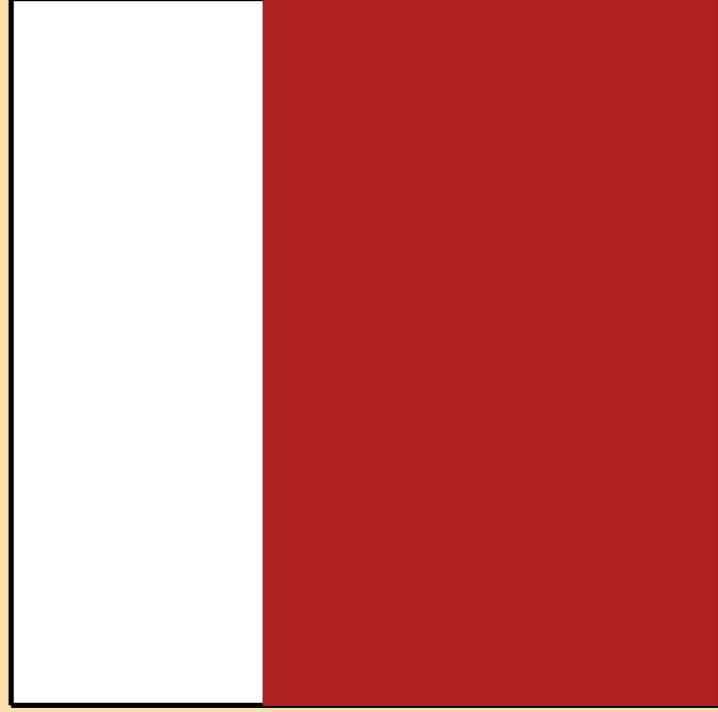
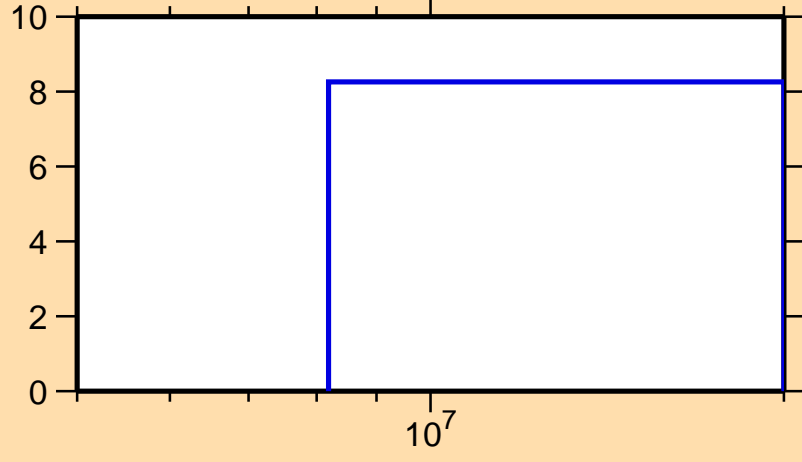
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n_1)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

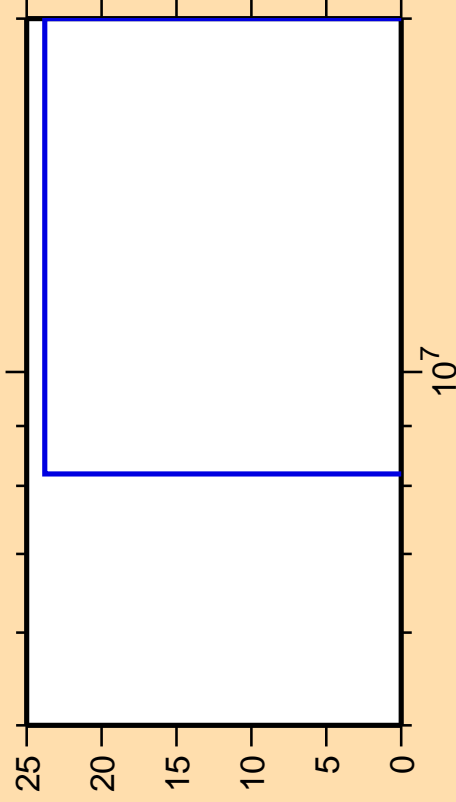
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Correlation Matrix



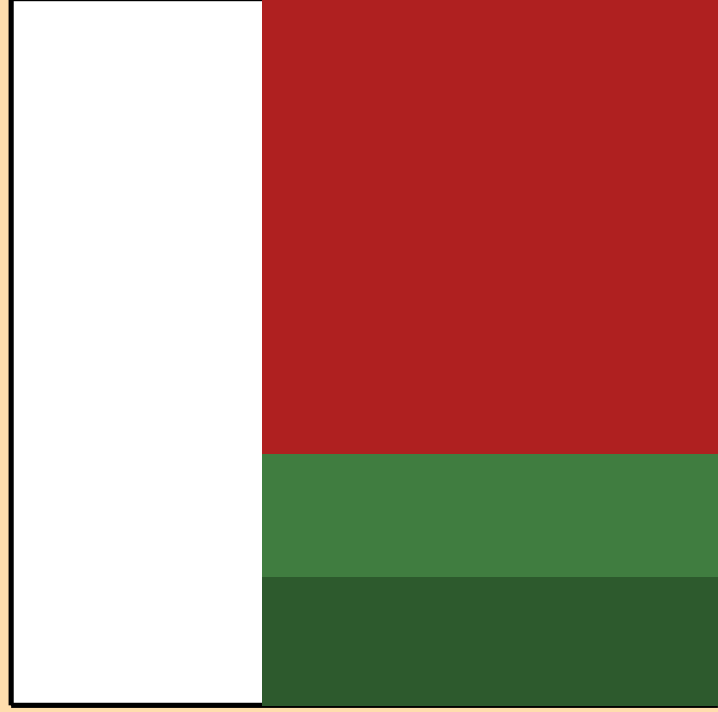
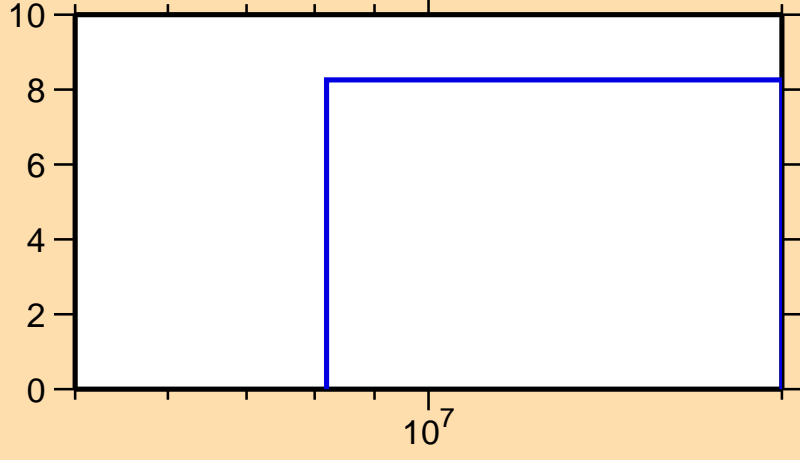
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

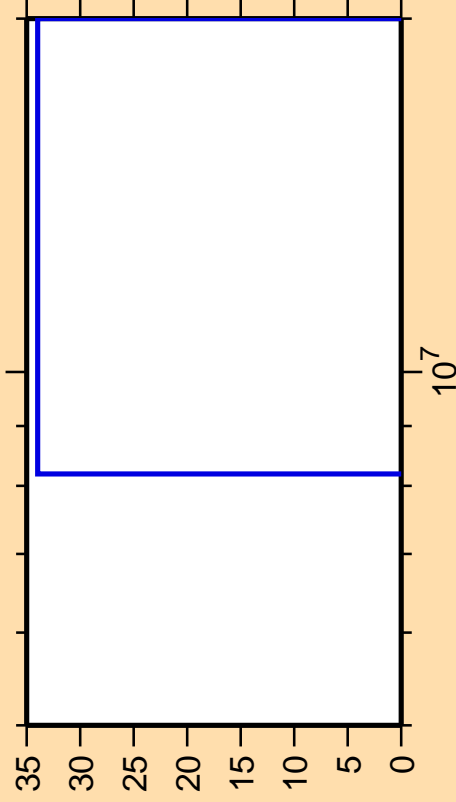
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Correlation Matrix



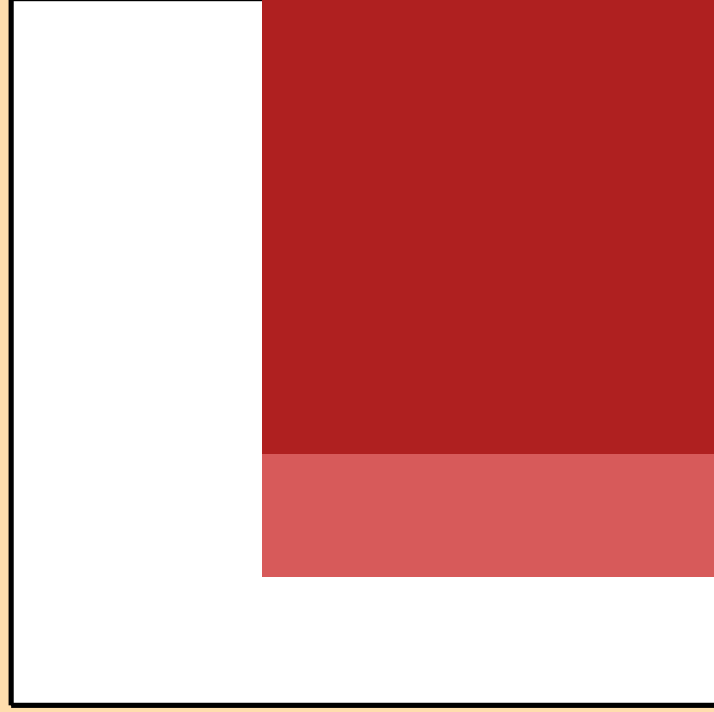
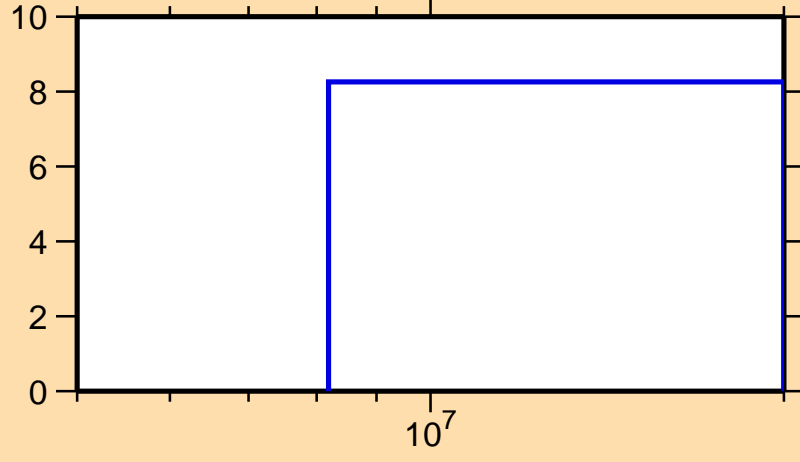
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\gamma)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

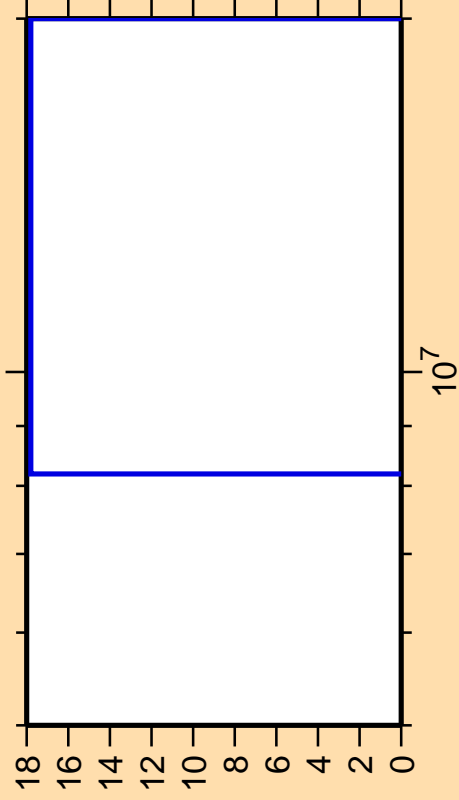
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Correlation Matrix



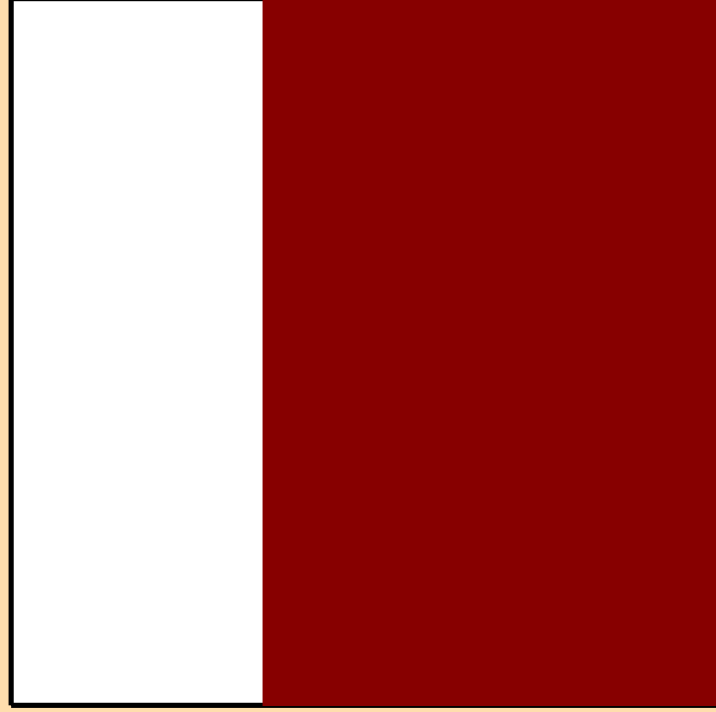
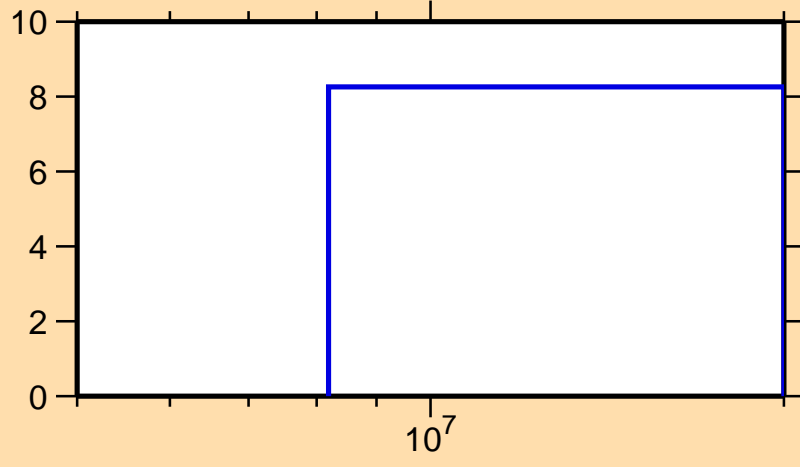
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,p)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\alpha)$

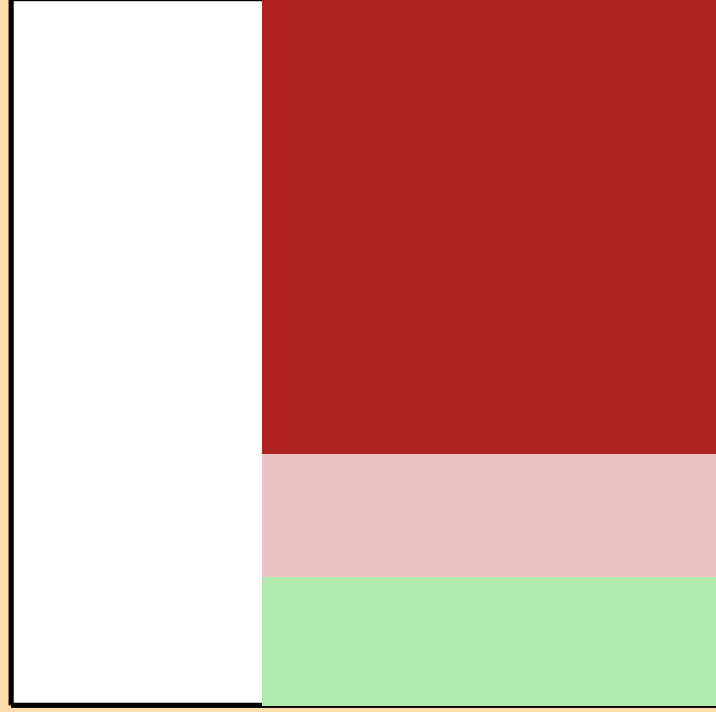
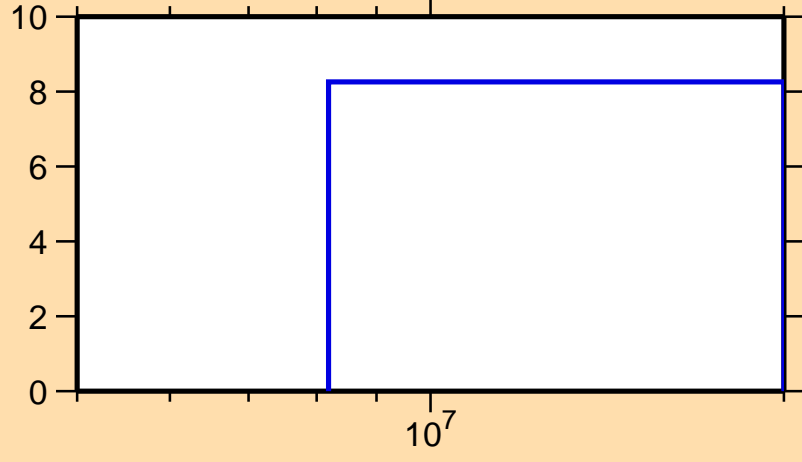


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n)$

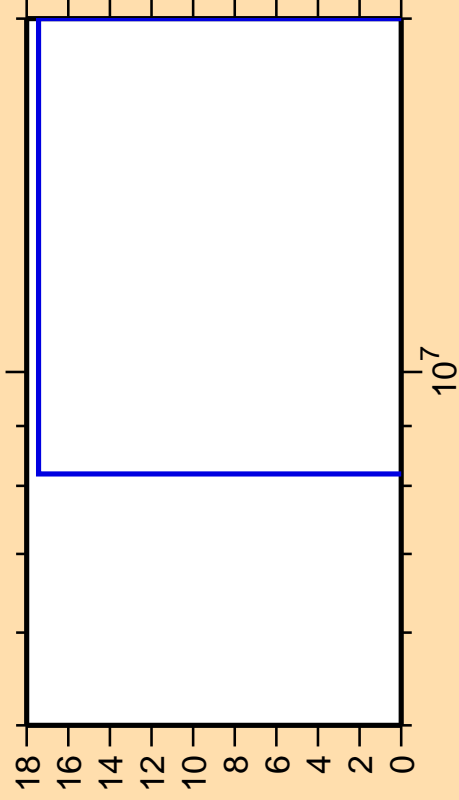


Correlation Matrix





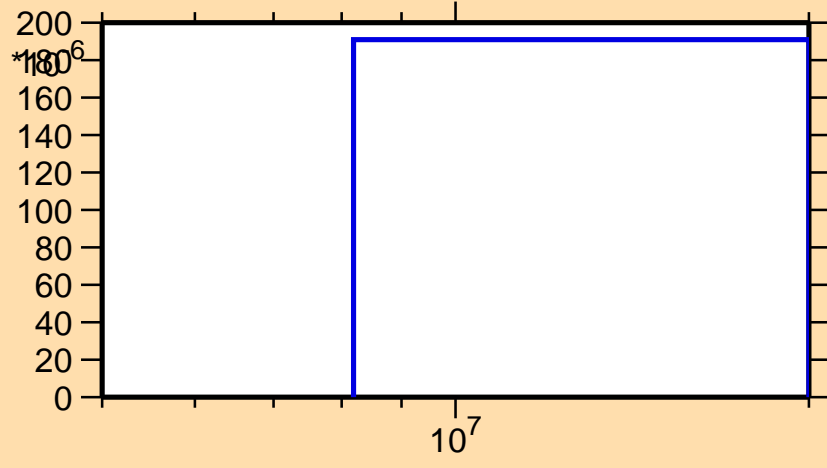
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,3n)$



Ordinate scales are % relative standard deviation and barns.

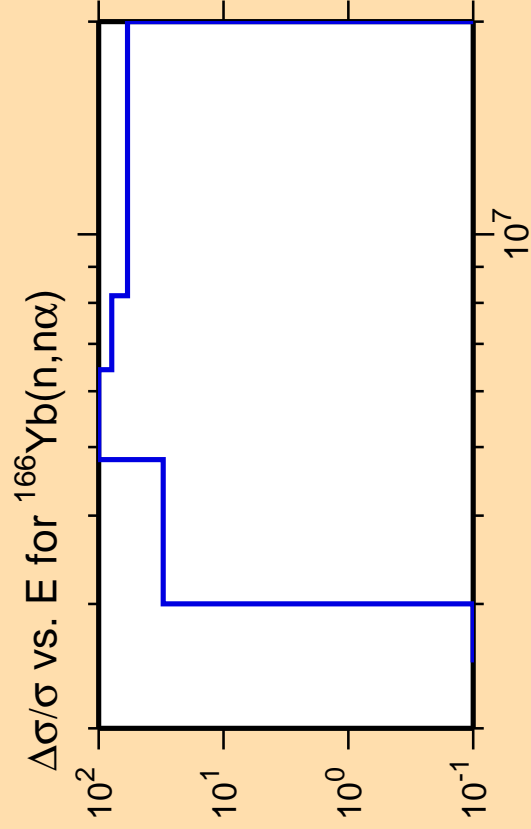
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{166}\text{Yb}(n,3n)$



Correlation Matrix

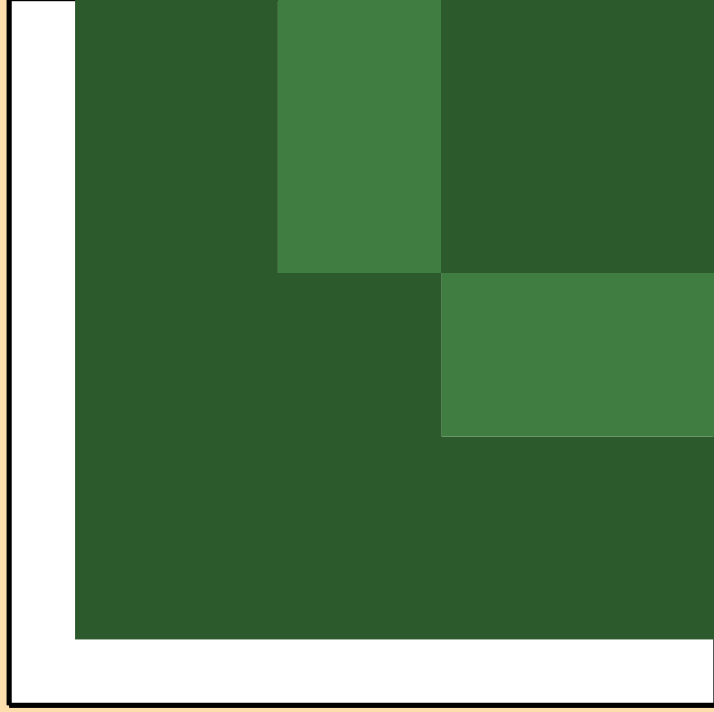
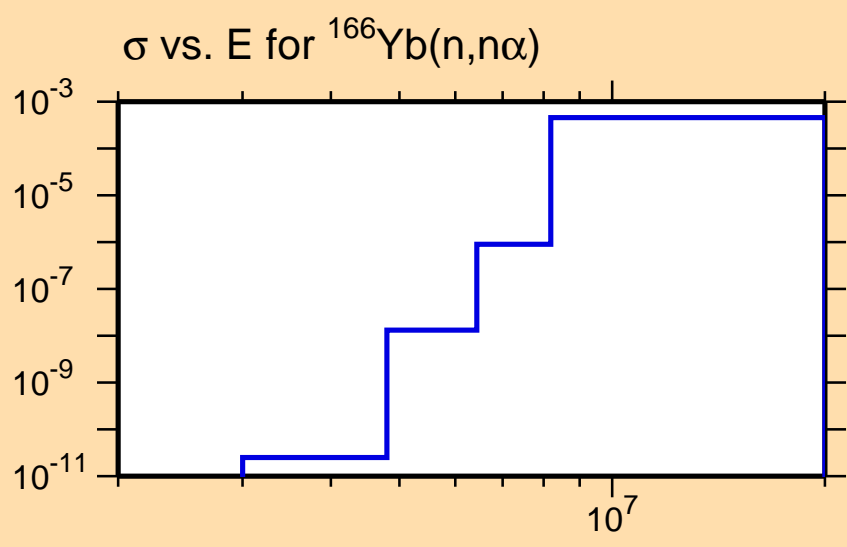




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2n\alpha)$

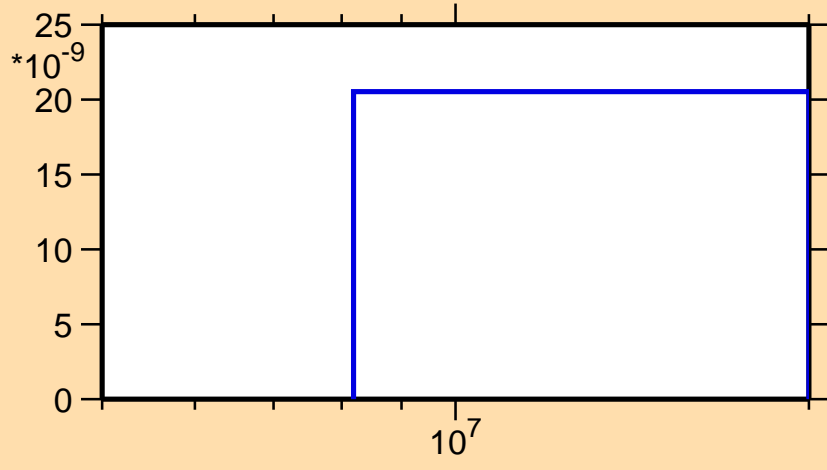


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

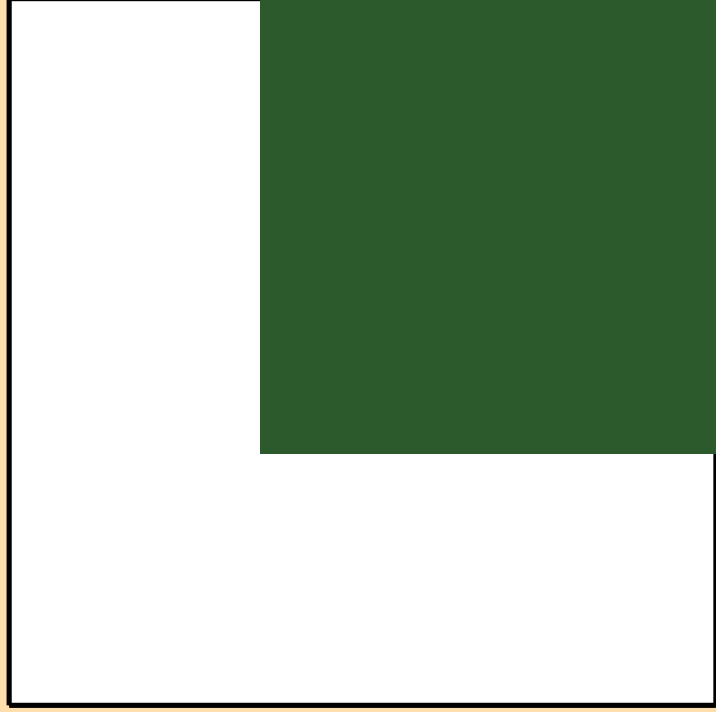
Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{166}\text{Yb}(n,2n\alpha)$



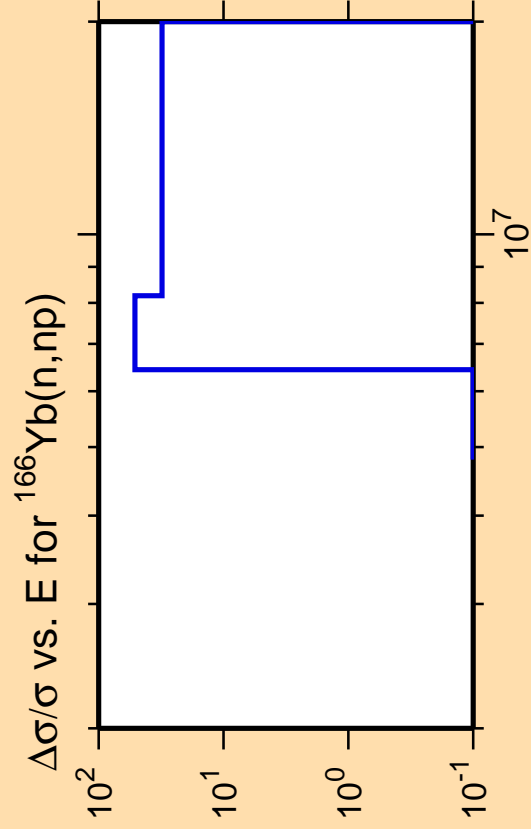
25  
20  
15  
10  
5  
0

$10^7$



Correlation Matrix

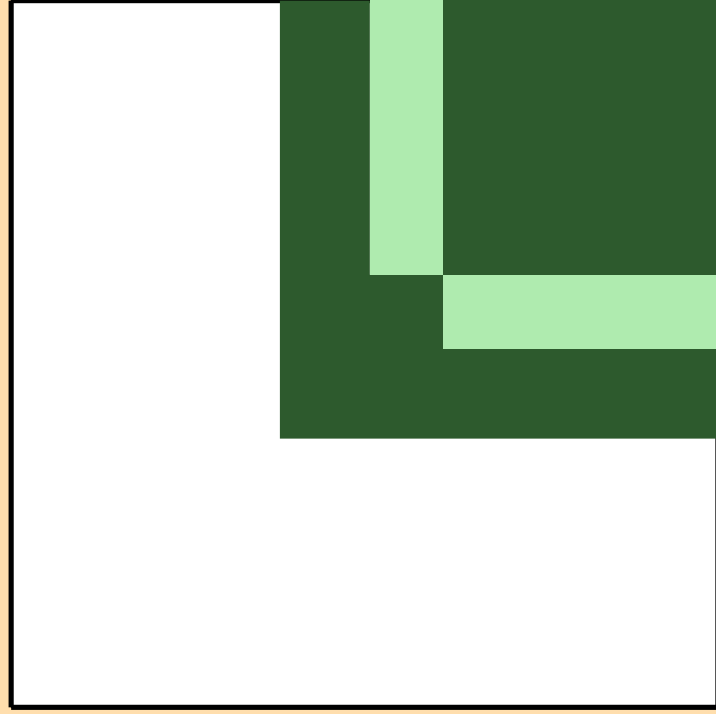
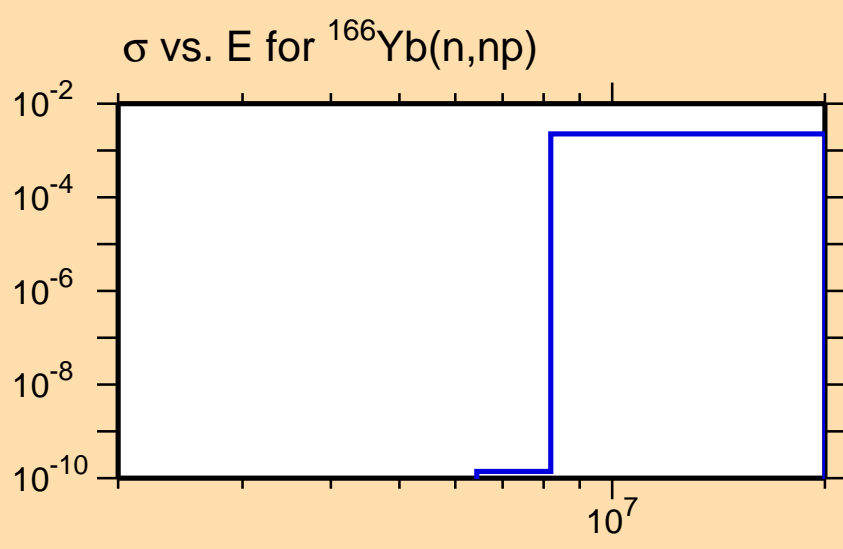




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nd})$

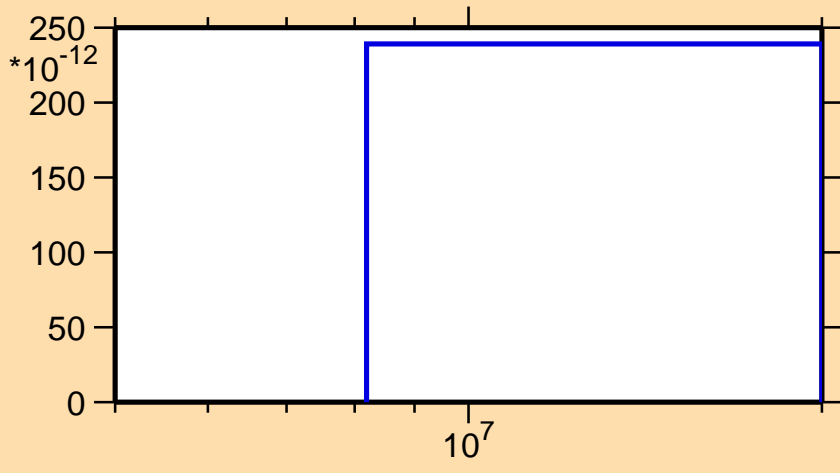


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

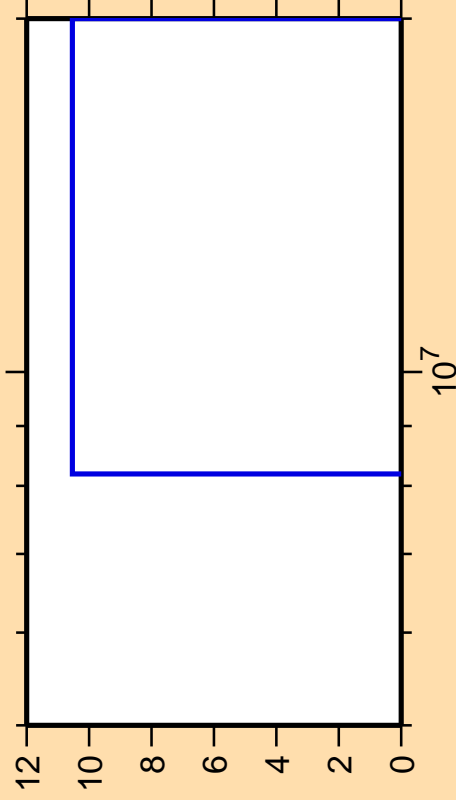
$\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{nd})$



Correlation Matrix



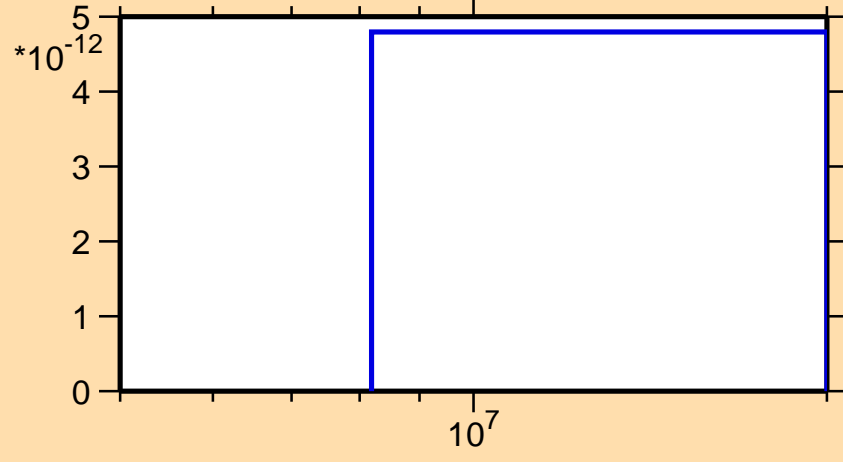
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,nt)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

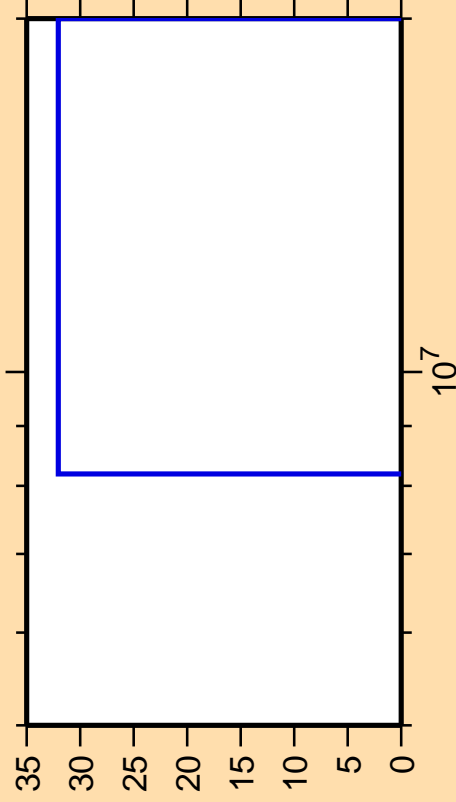
$\sigma$  vs. E for  $^{166}\text{Yb}(n,nt)$



Correlation Matrix



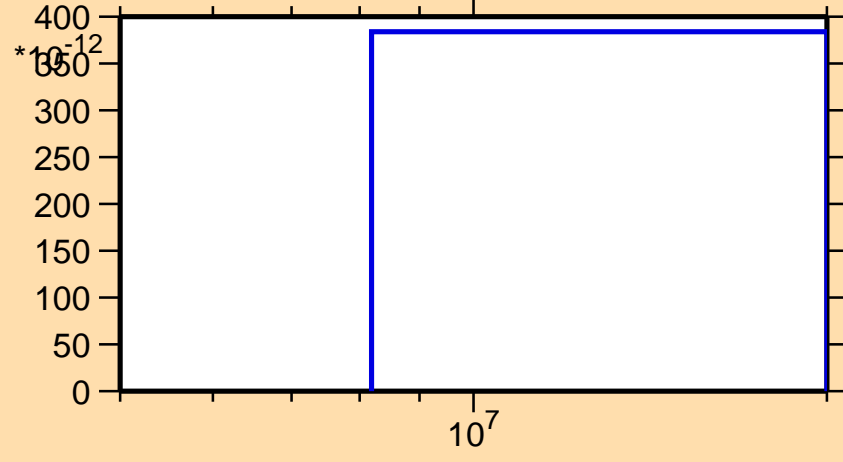
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,2np)$



Ordinate scales are % relative standard deviation and barns.

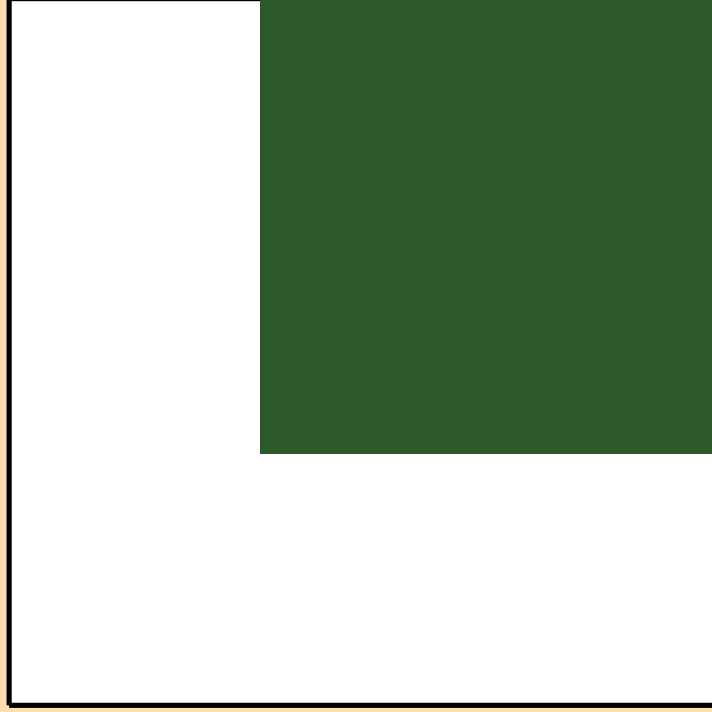
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{166}\text{Yb}(n,2np)$



\* 10<sup>-12</sup>

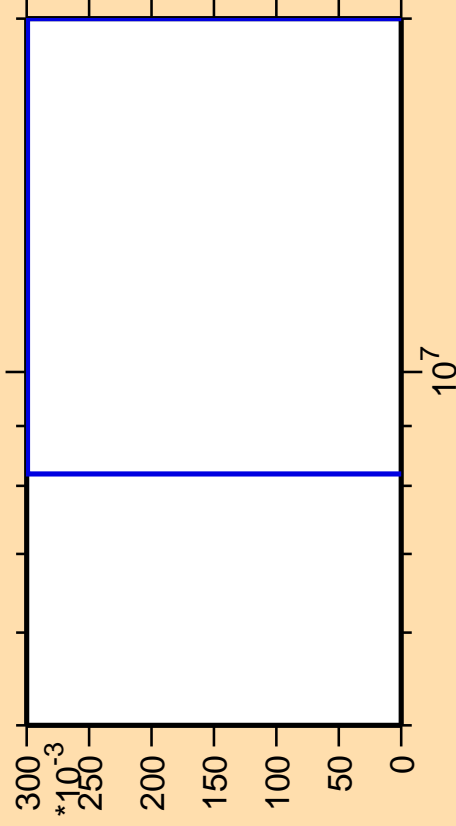
10<sup>7</sup>



Correlation Matrix



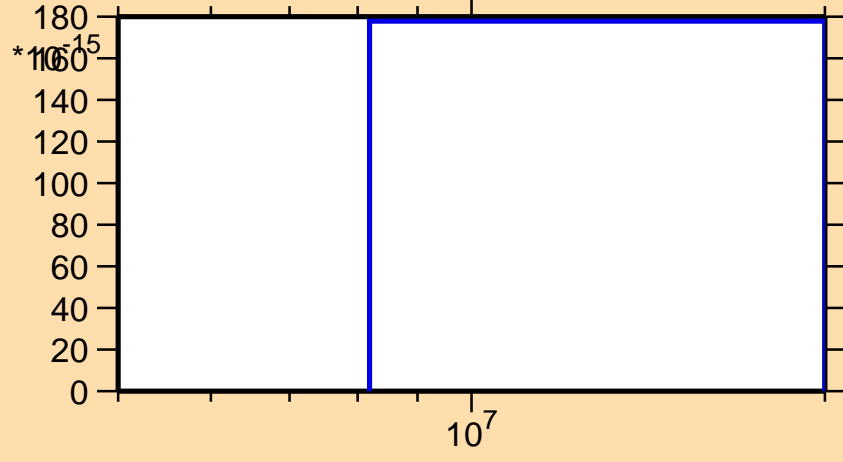
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}$ (mt 45)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{166}\text{Yb}$ (mt 45)



180  
160  
140  
120  
100  
80  
60  
40  
20  
0

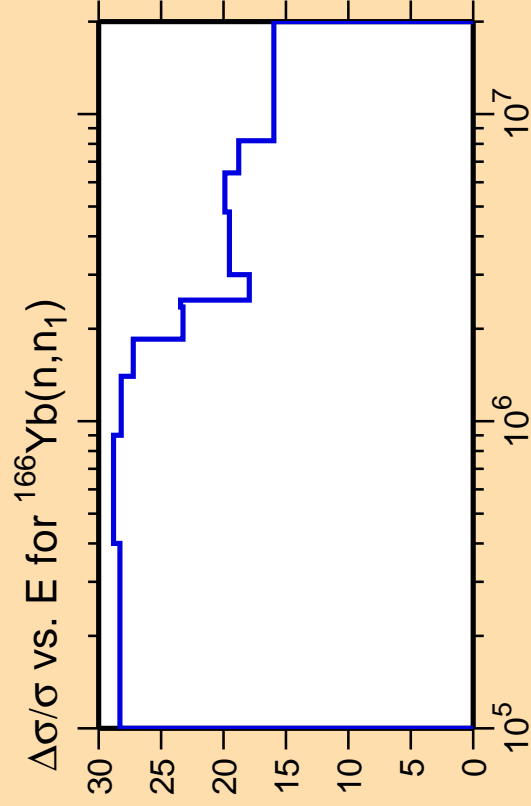
$10^7$



Correlation Matrix

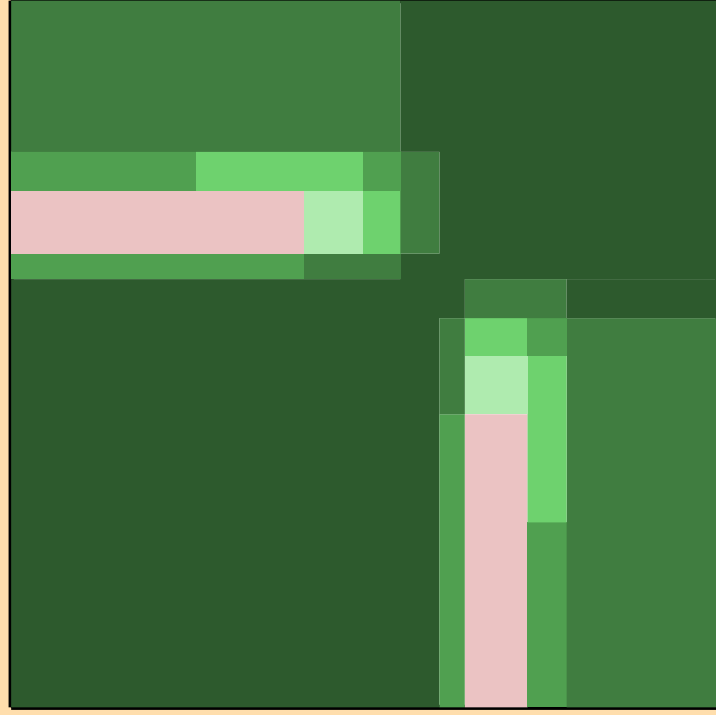
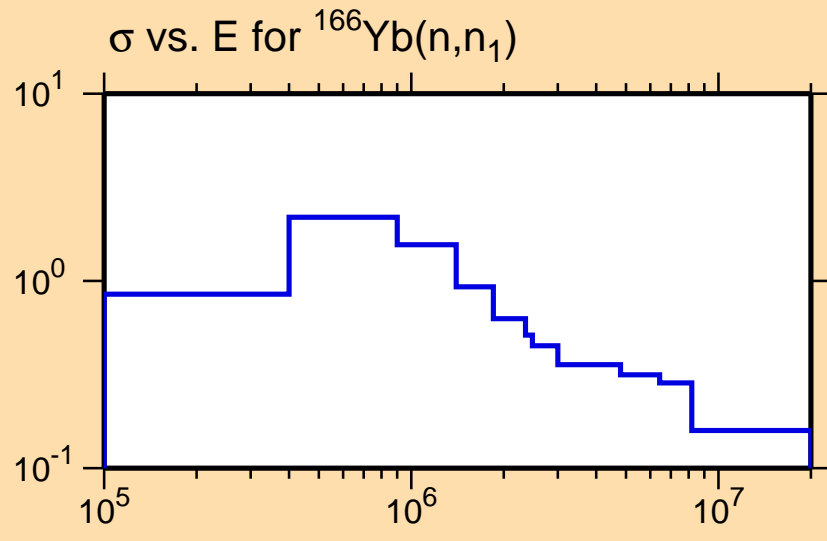






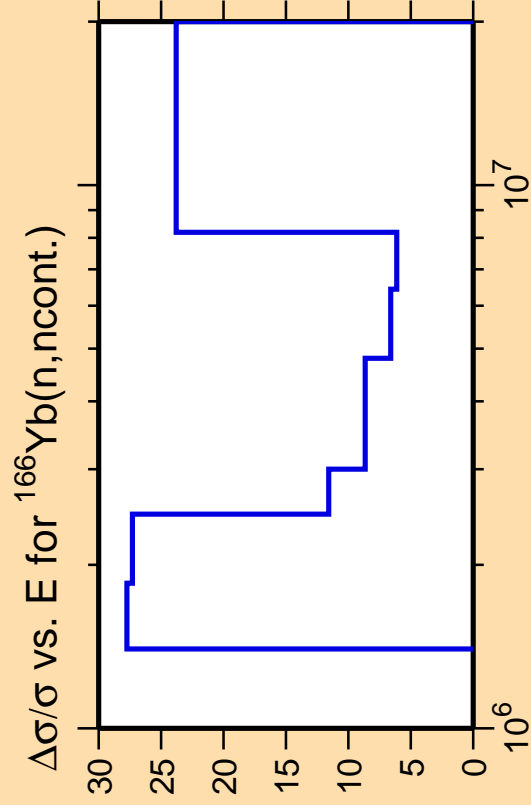
Ordinate scales are % relative standard deviation and barns.

Abcissa scales are energy (eV).



Correlation Matrix

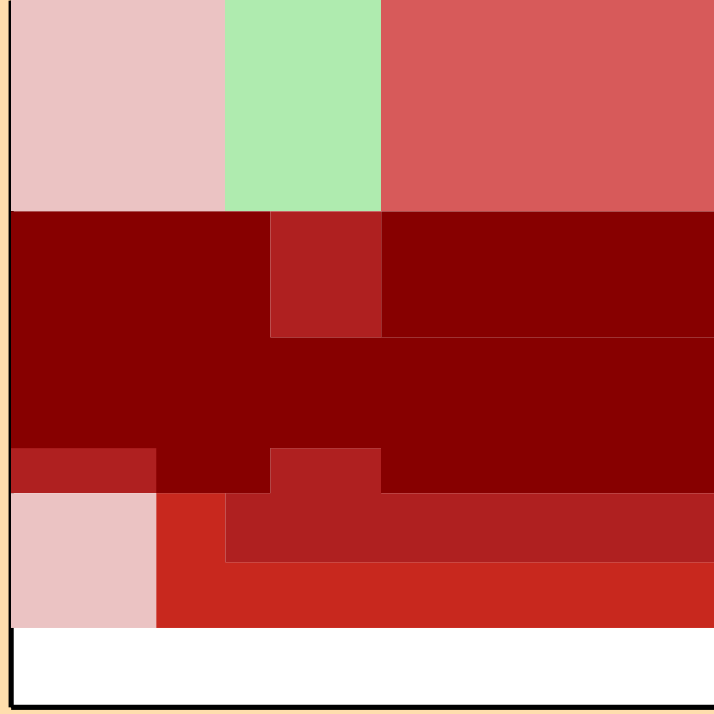
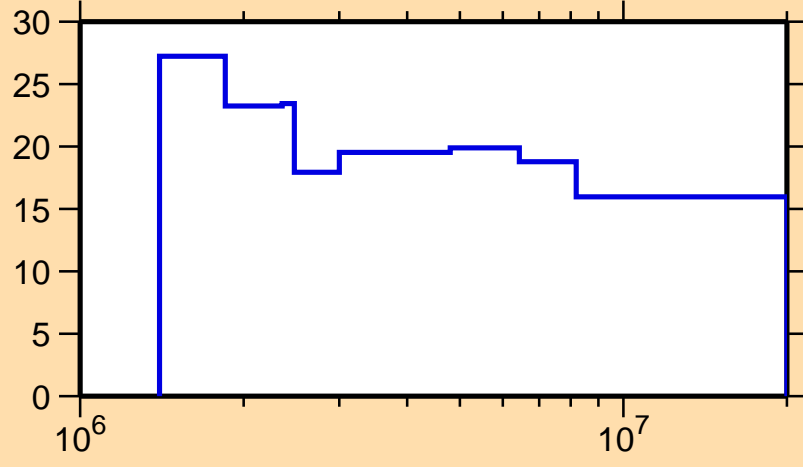




Ordinate scale is %  
relative standard deviation.

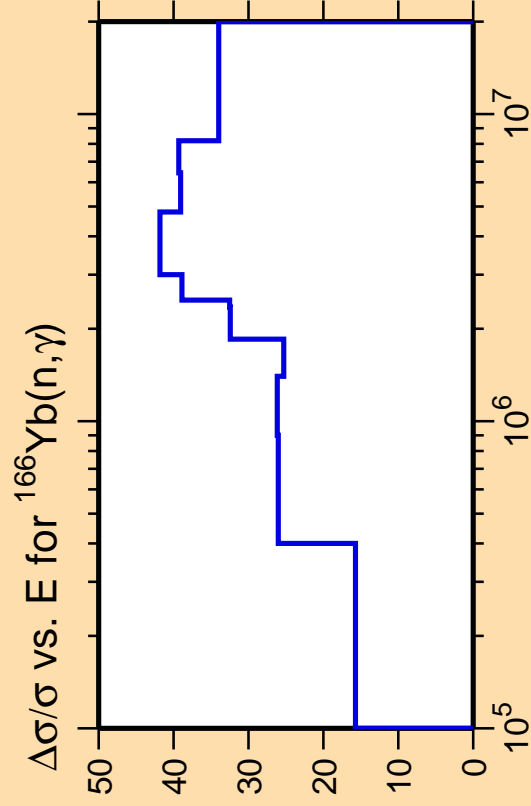
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n, n_1)$



Correlation Matrix

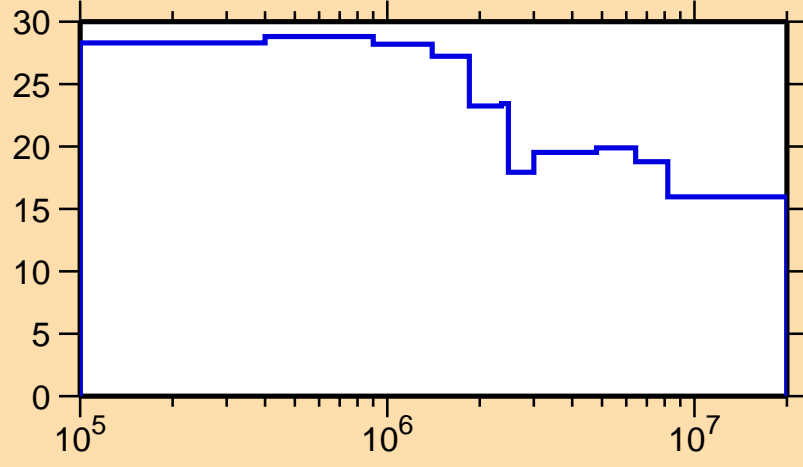




Ordinate scale is %  
relative standard deviation.

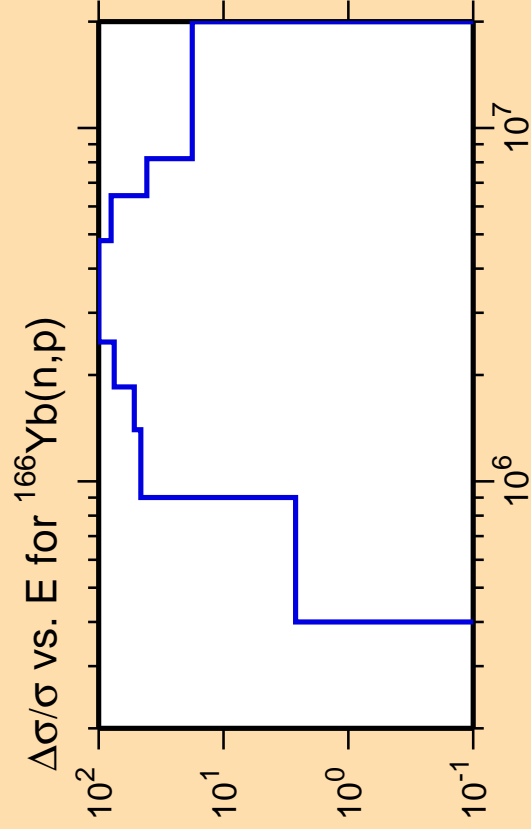
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n_1)$



Correlation Matrix

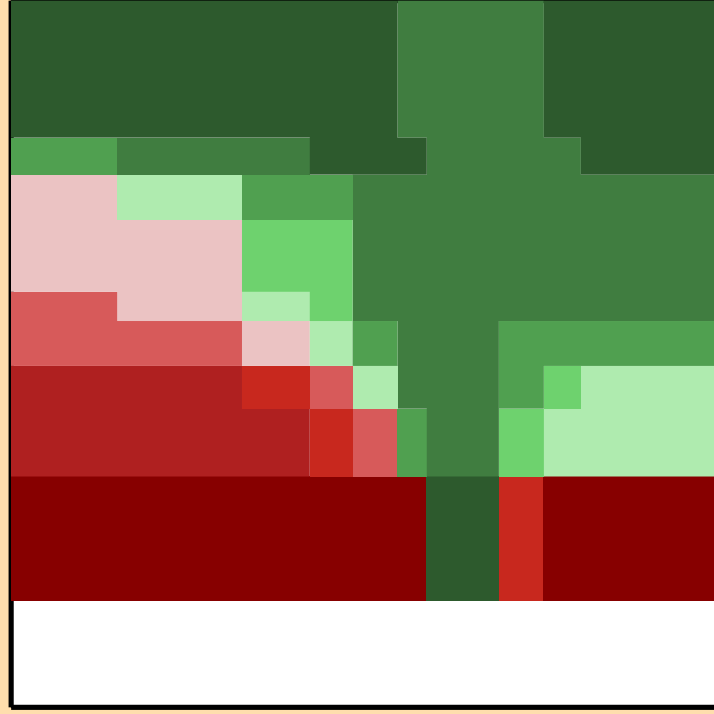
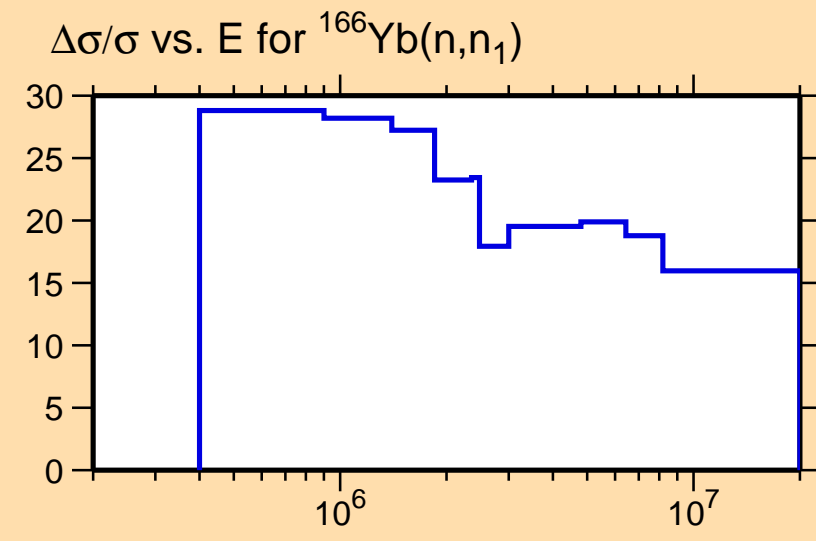




Ordinate scale is %  
relative standard deviation.

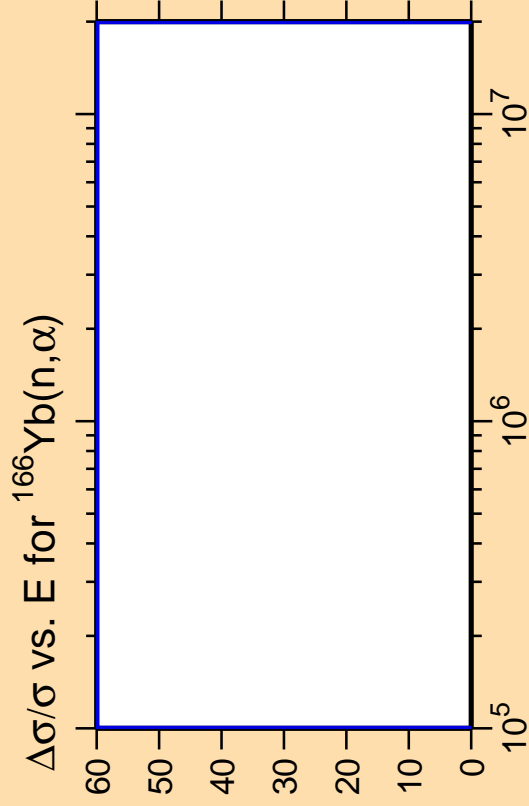
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



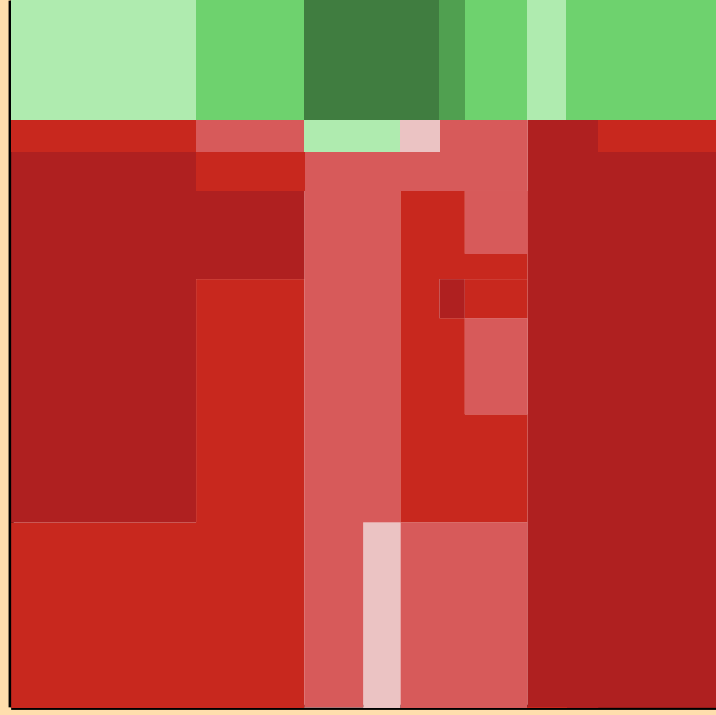
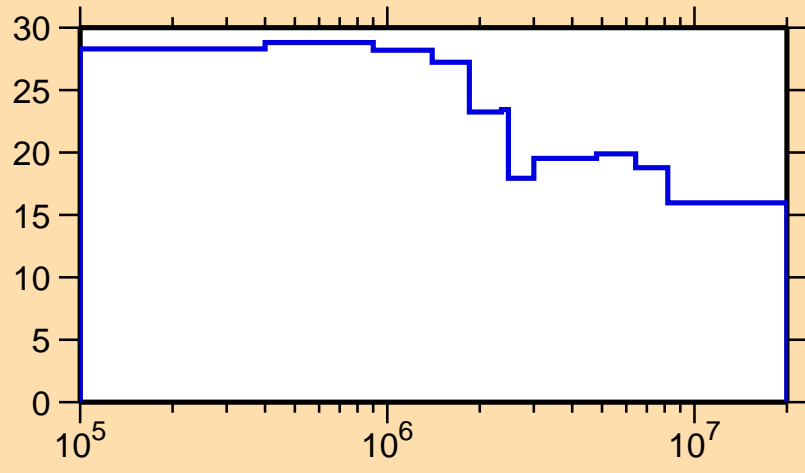


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

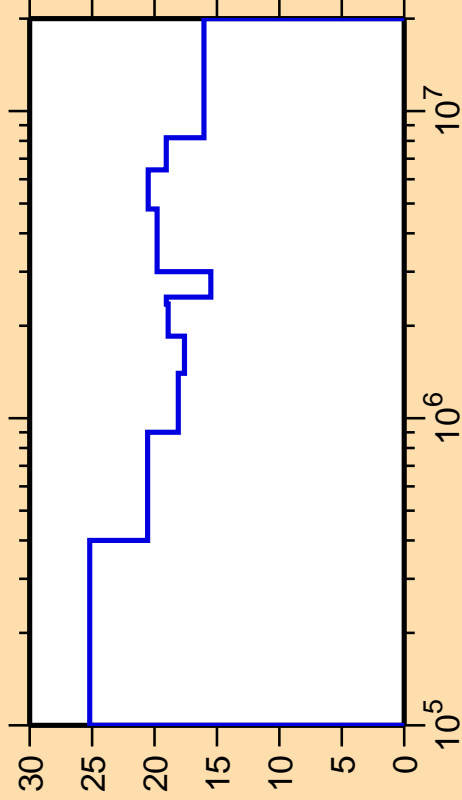
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n_1)$



Correlation Matrix



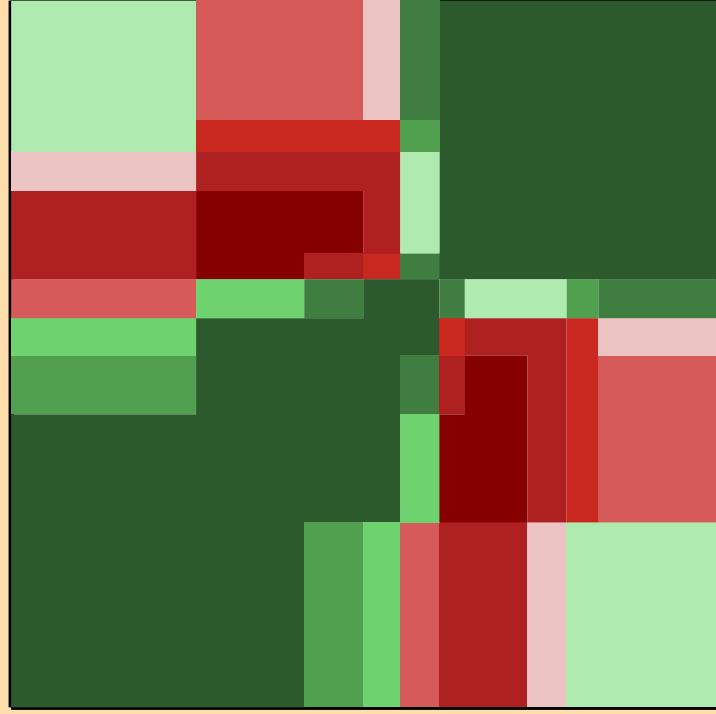
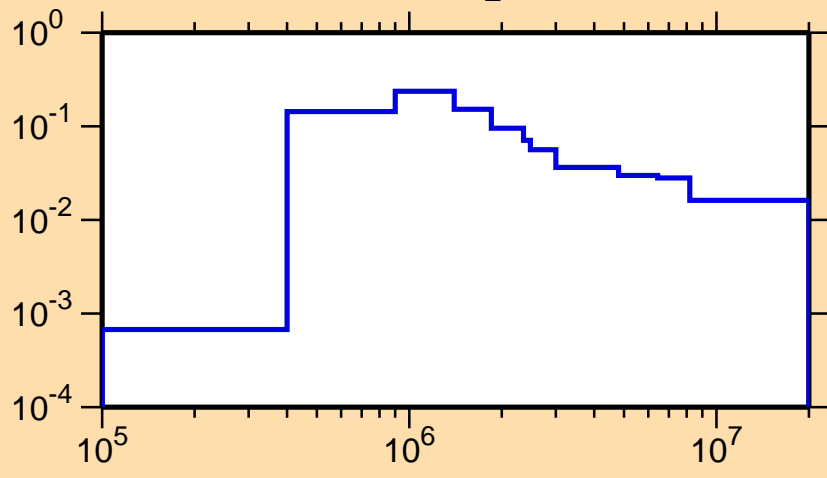
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n_2)$



Ordinate scales are % relative standard deviation and barns.

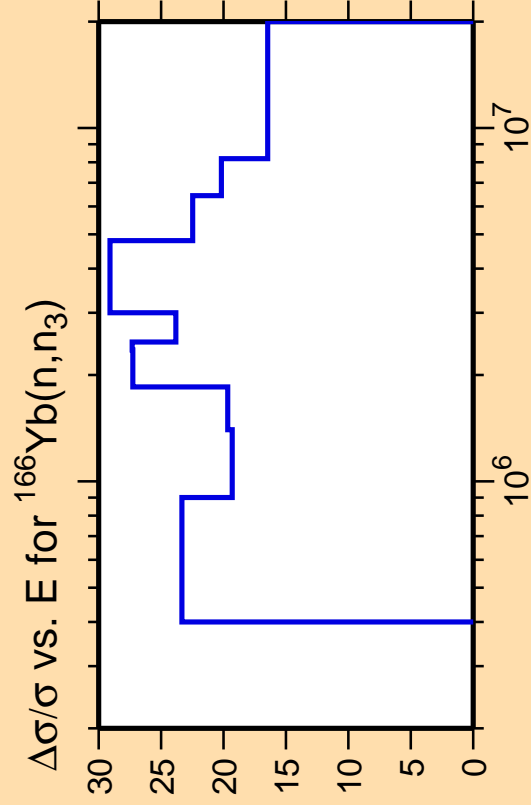
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{166}\text{Yb}(n,n_2)$



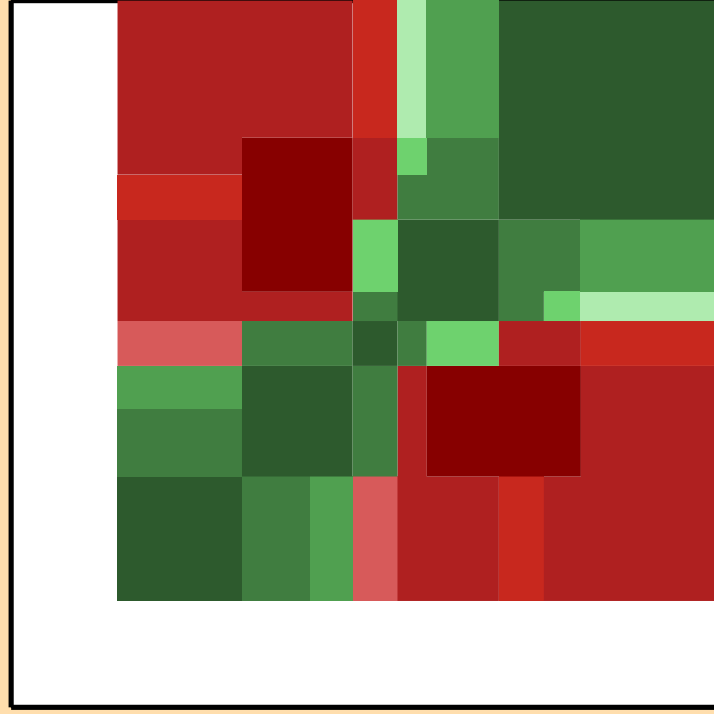
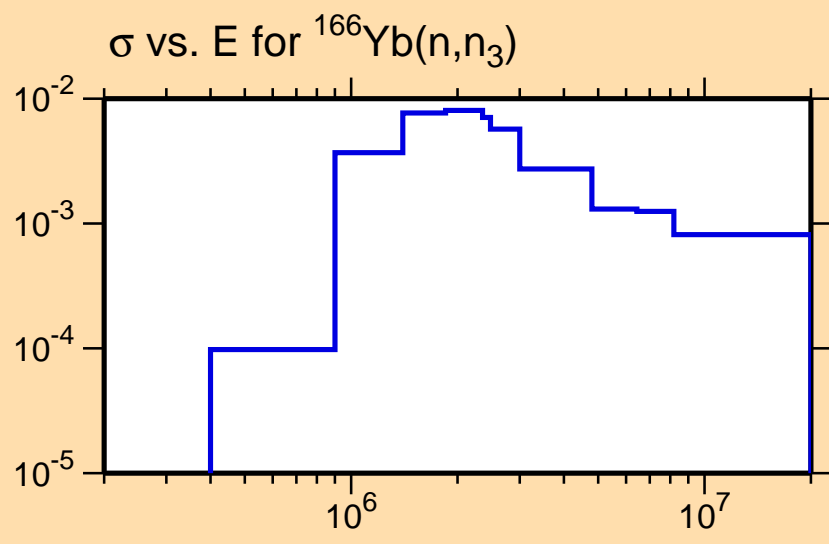
Correlation Matrix





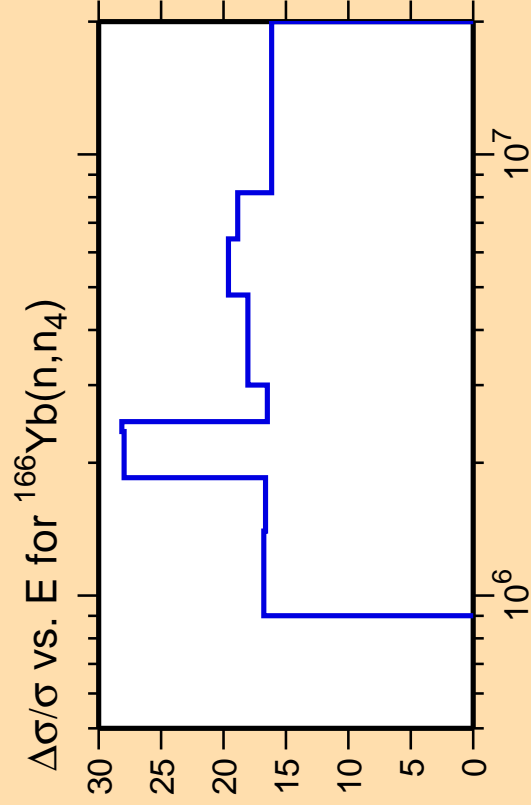
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



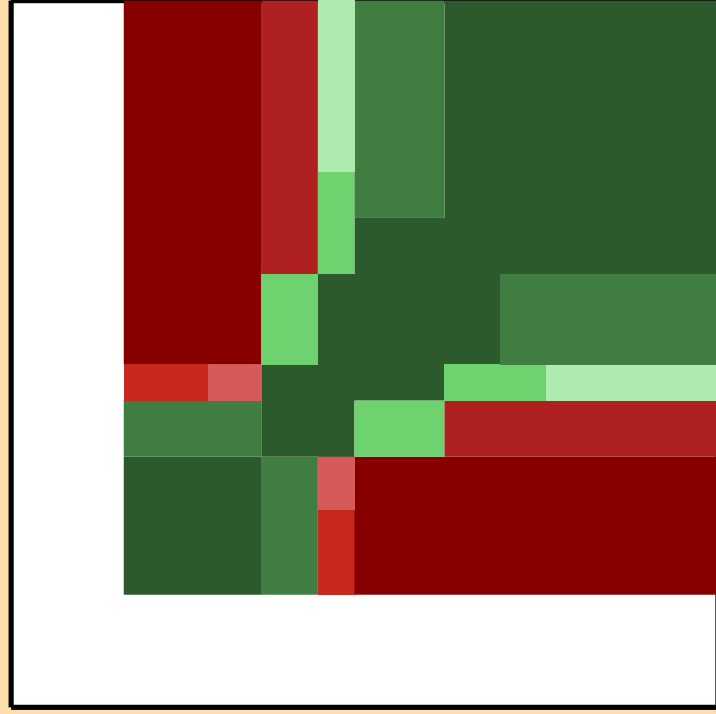
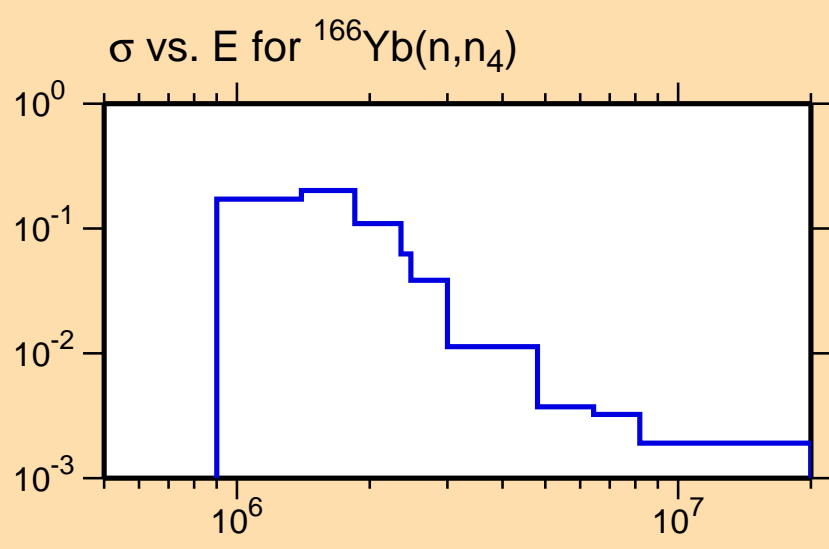
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

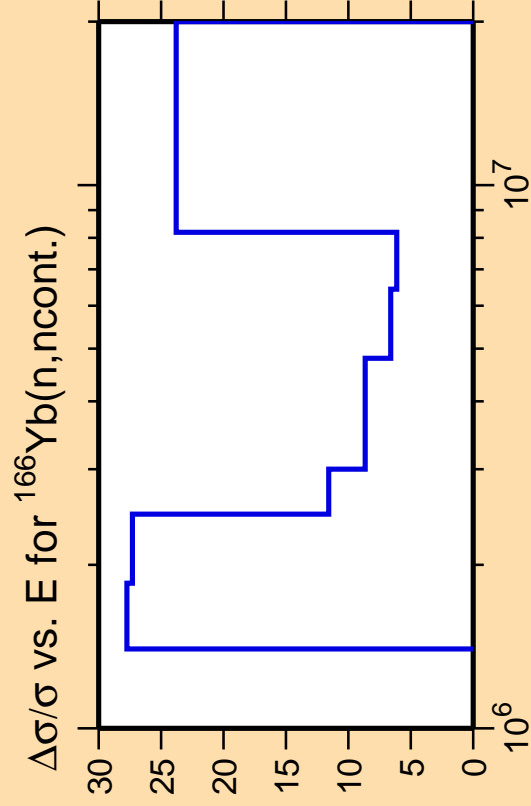
Abscissa scales are energy (eV).



Correlation Matrix

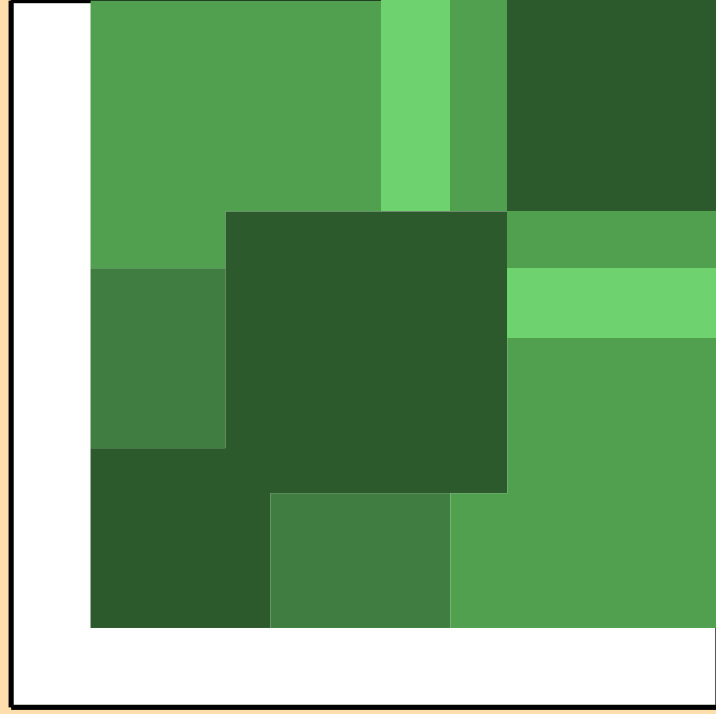
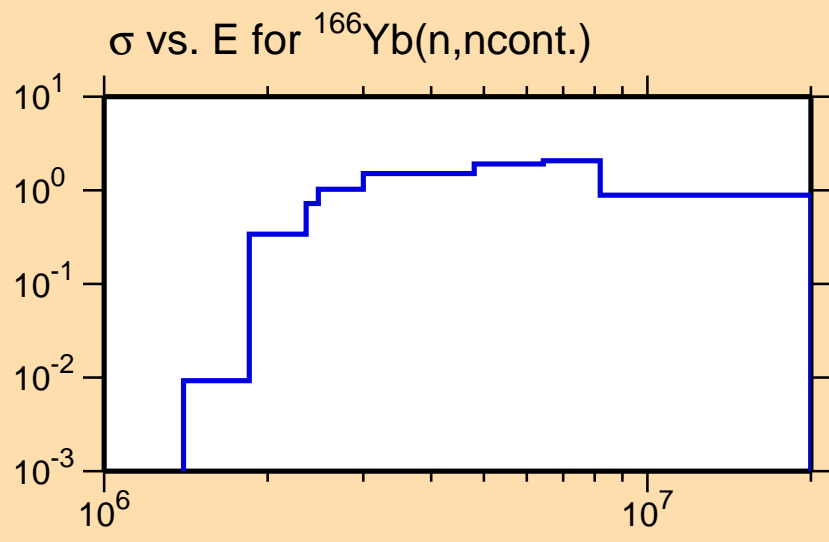






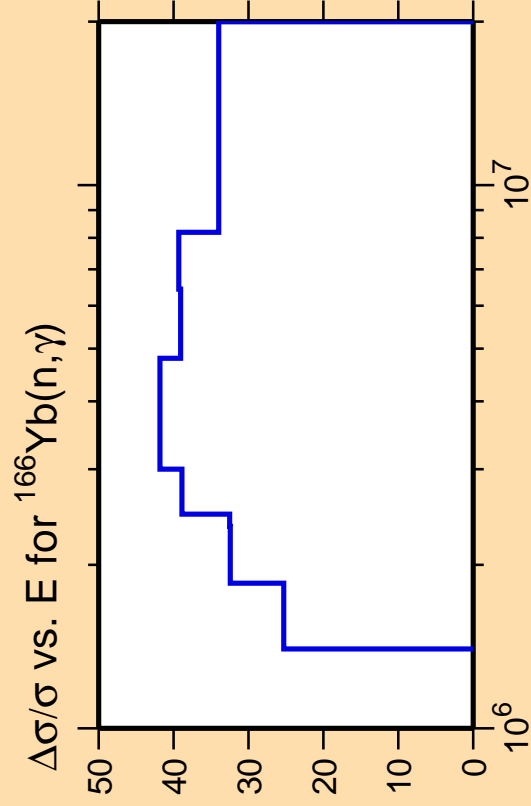
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

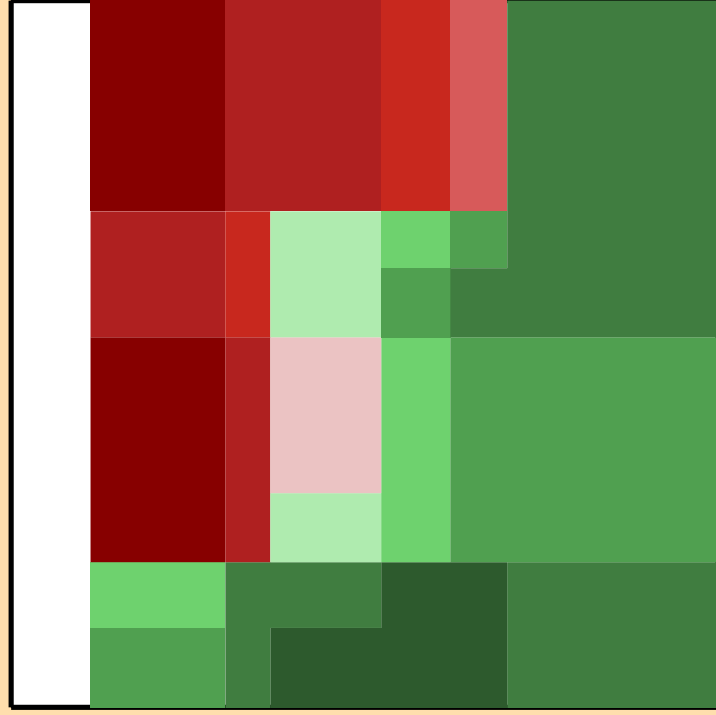
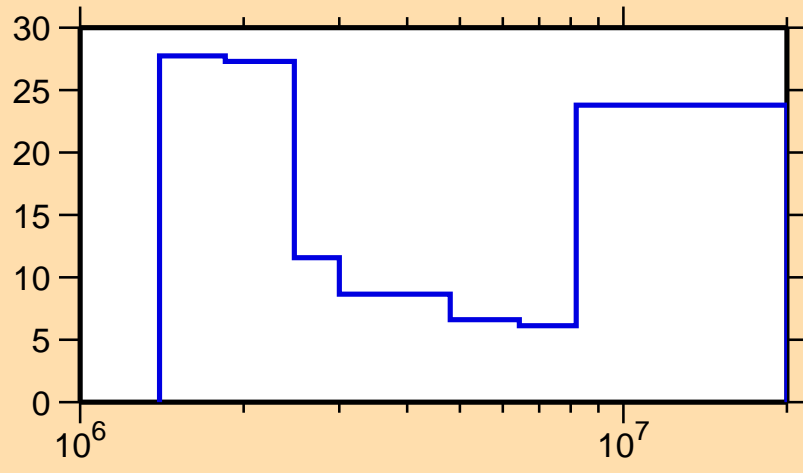




Ordinate scale is %  
relative standard deviation.

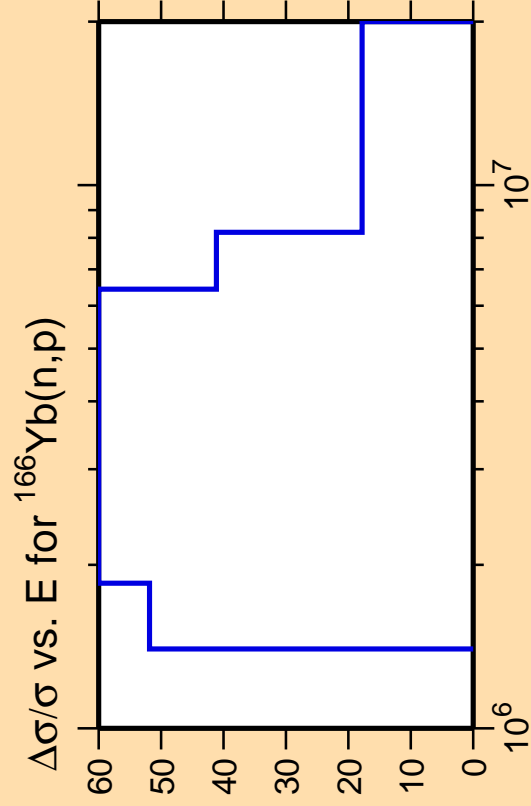
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,n\text{cont.})$



Correlation Matrix

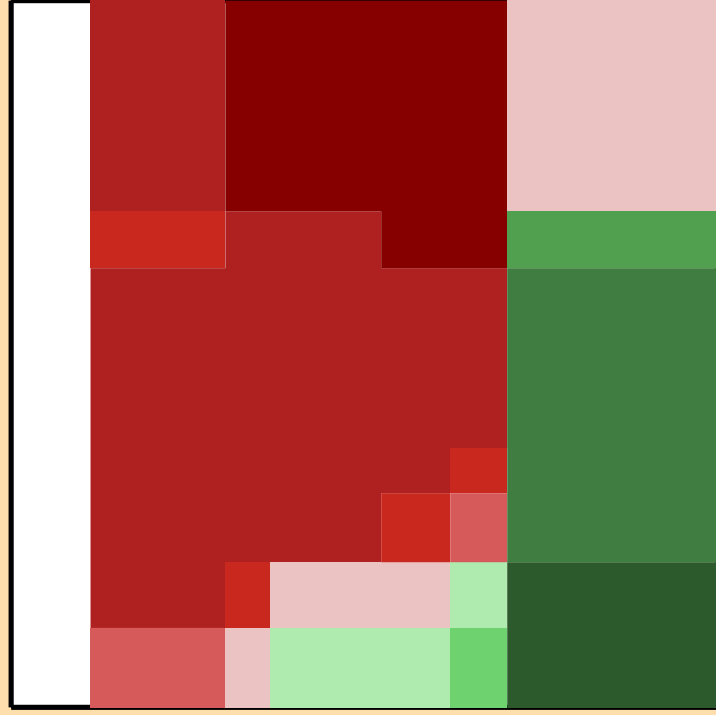
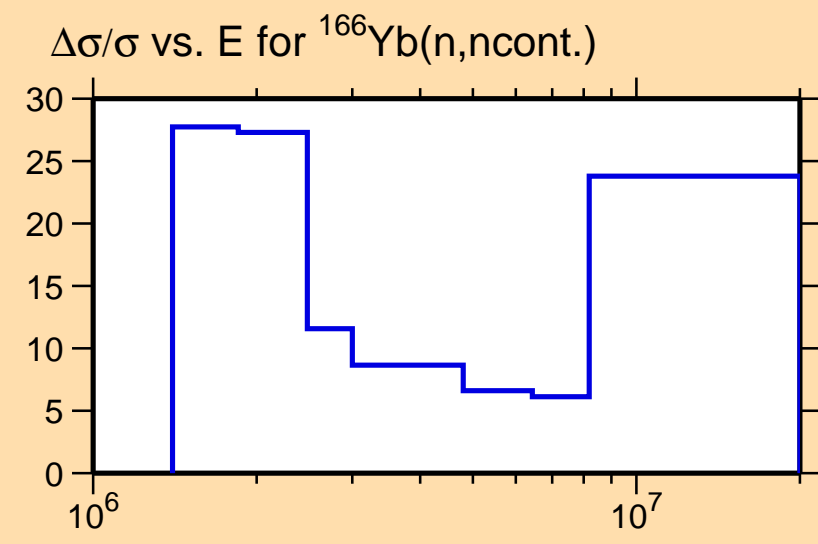




Ordinate scale is %  
relative standard deviation.

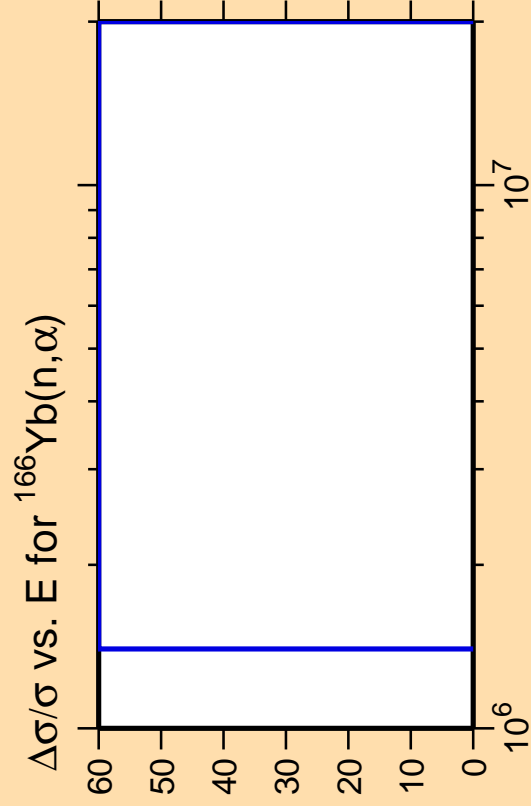
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

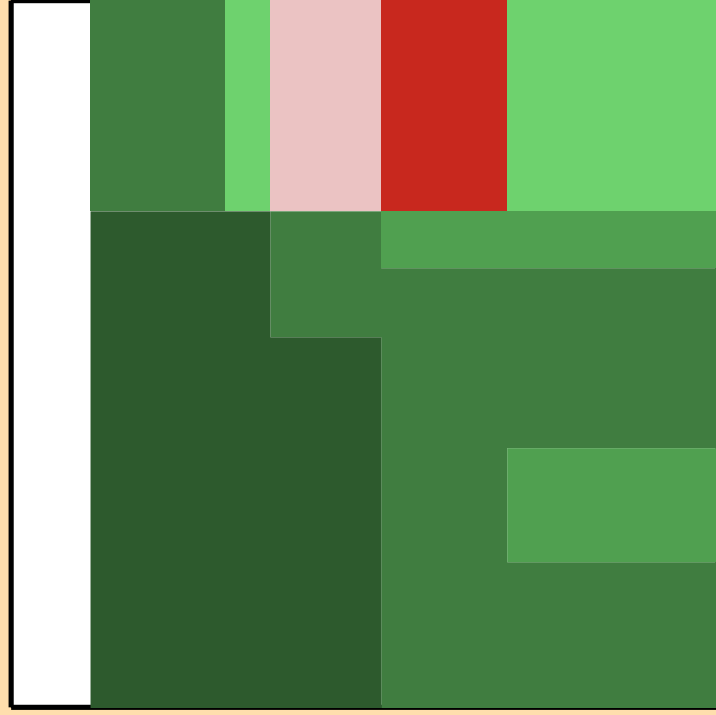
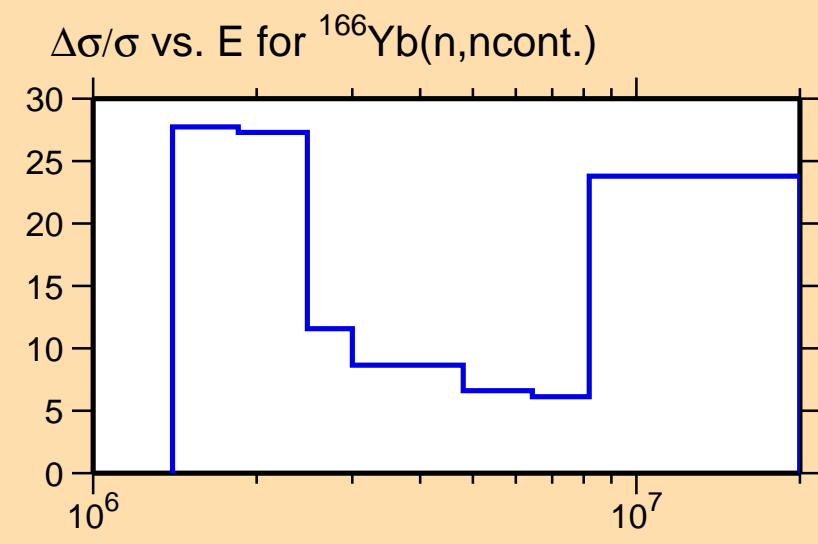




Ordinate scale is %  
relative standard deviation.

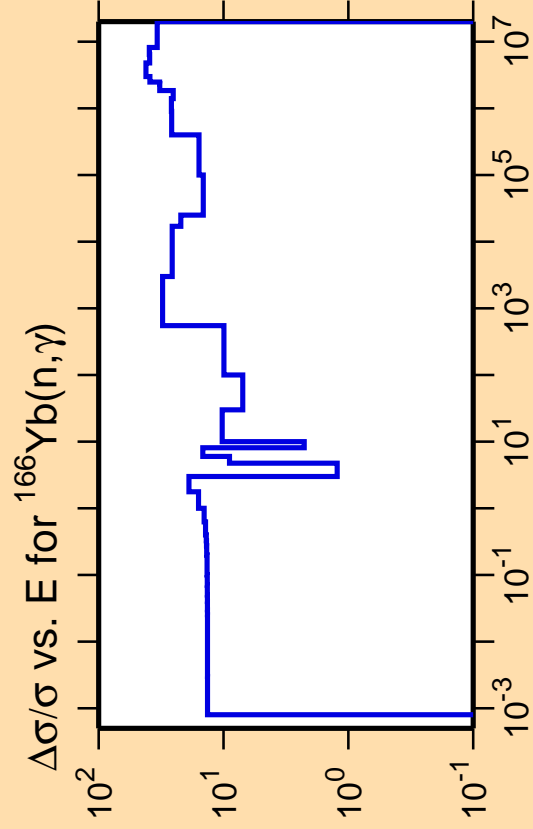
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



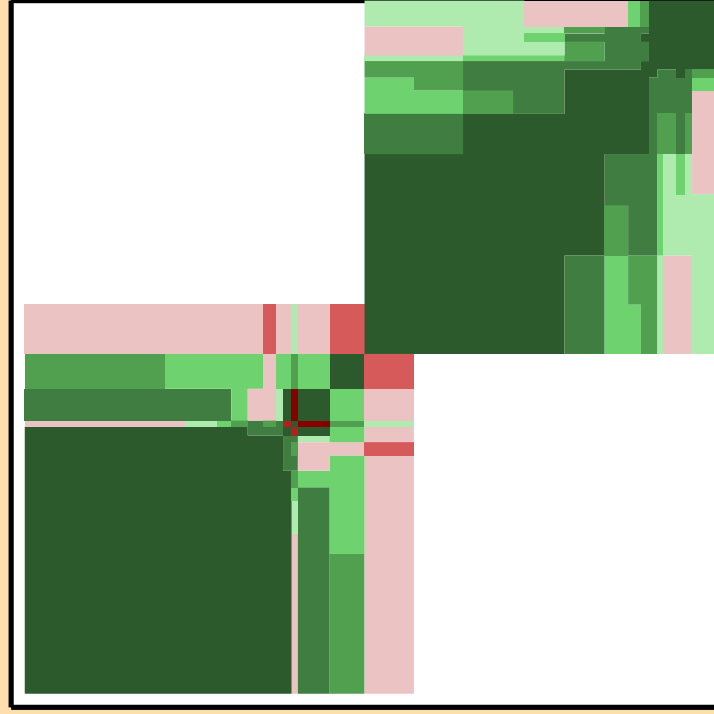
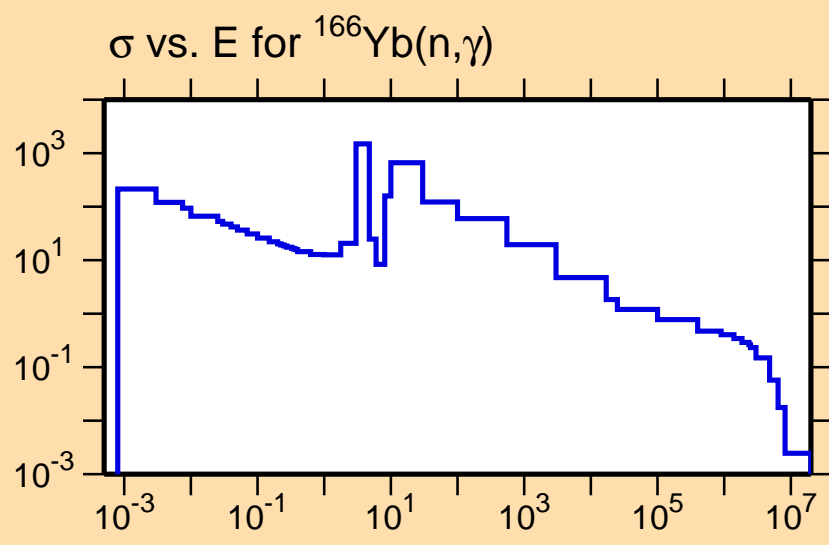
Correlation Matrix





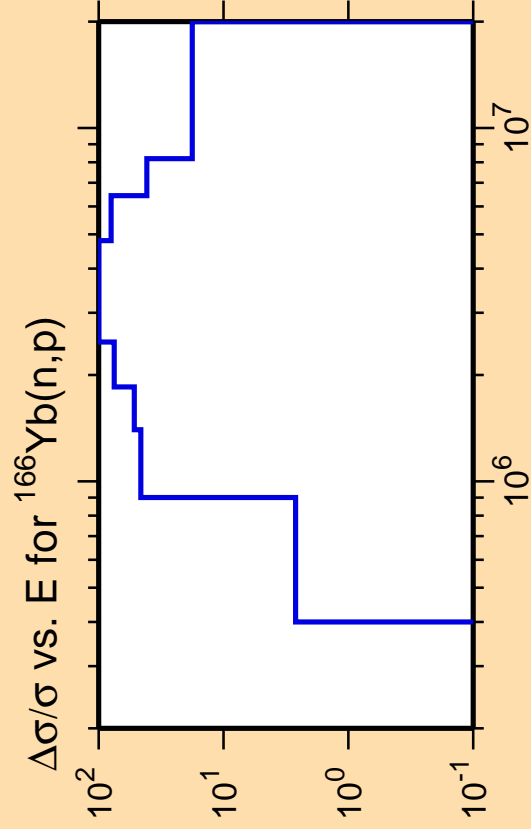
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

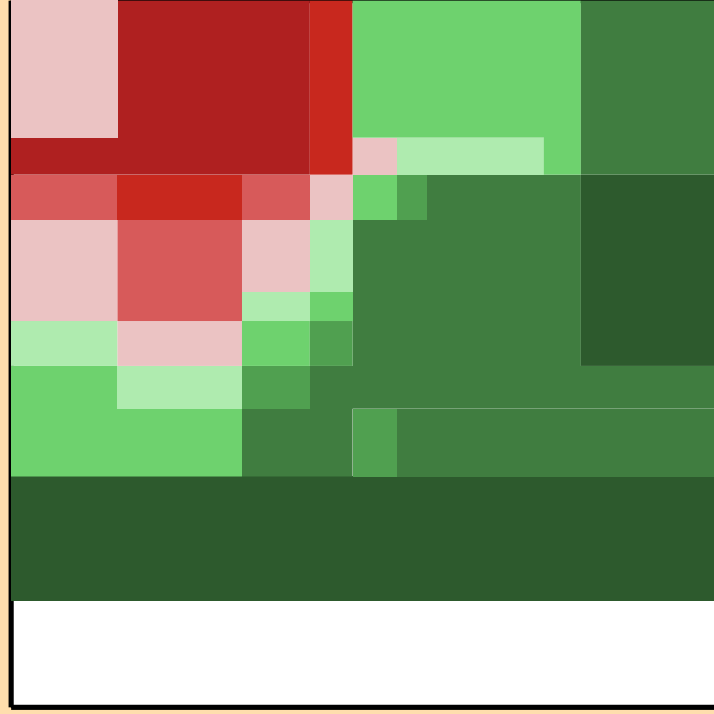
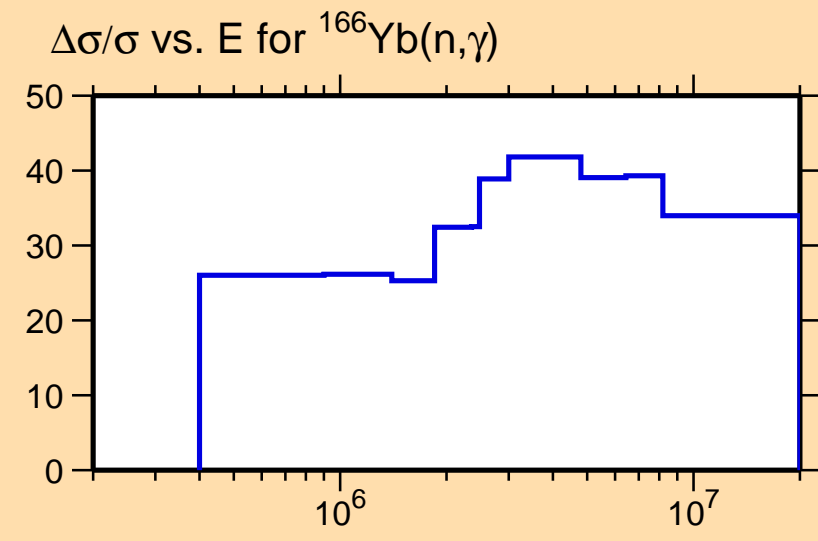




Ordinate scale is %  
relative standard deviation.

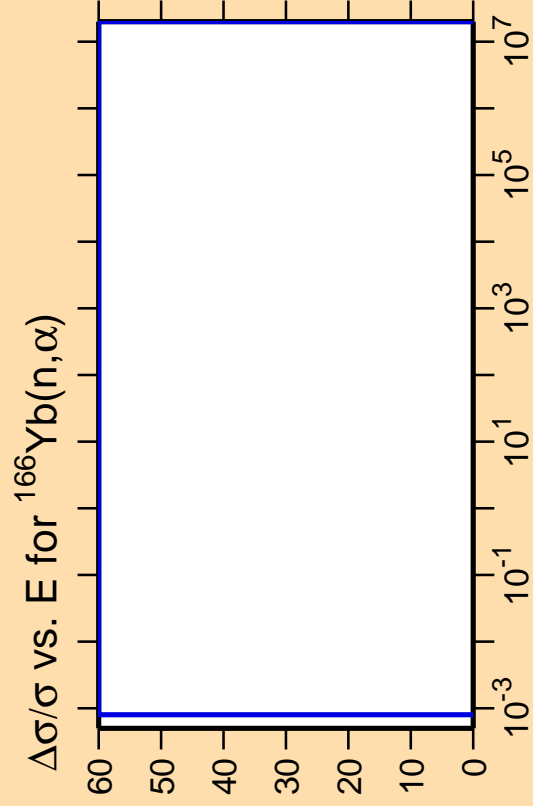
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



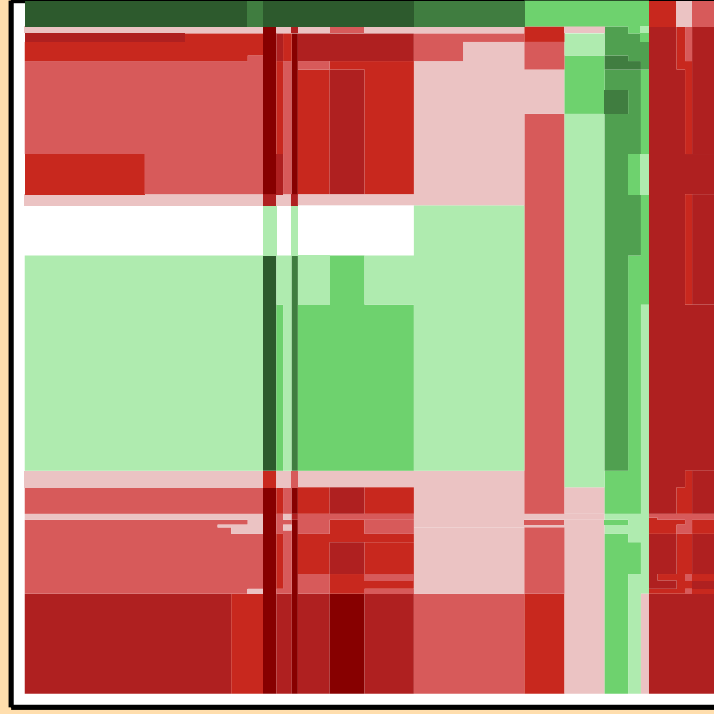
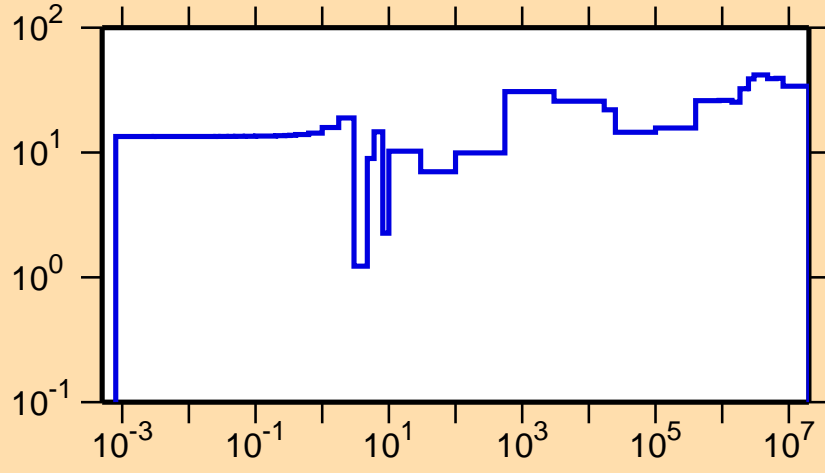


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

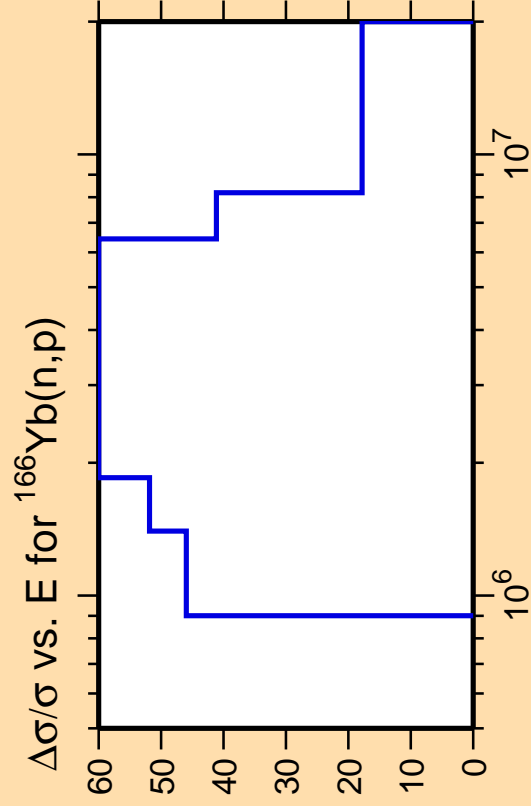
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\gamma)$



Correlation Matrix

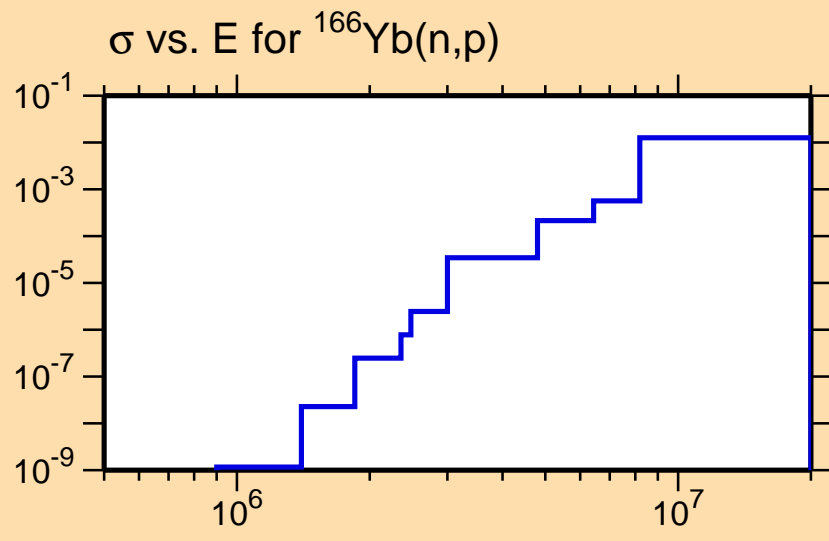




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

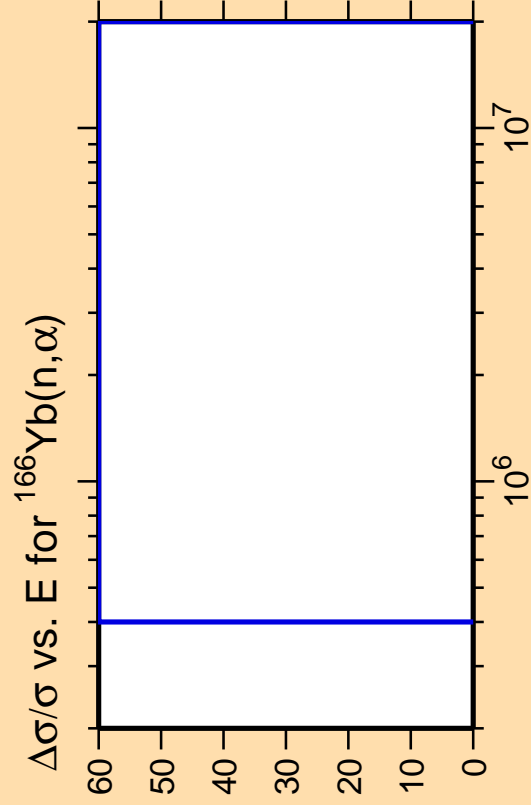
Warning: some uncertainty data were suppressed.



Correlation Matrix





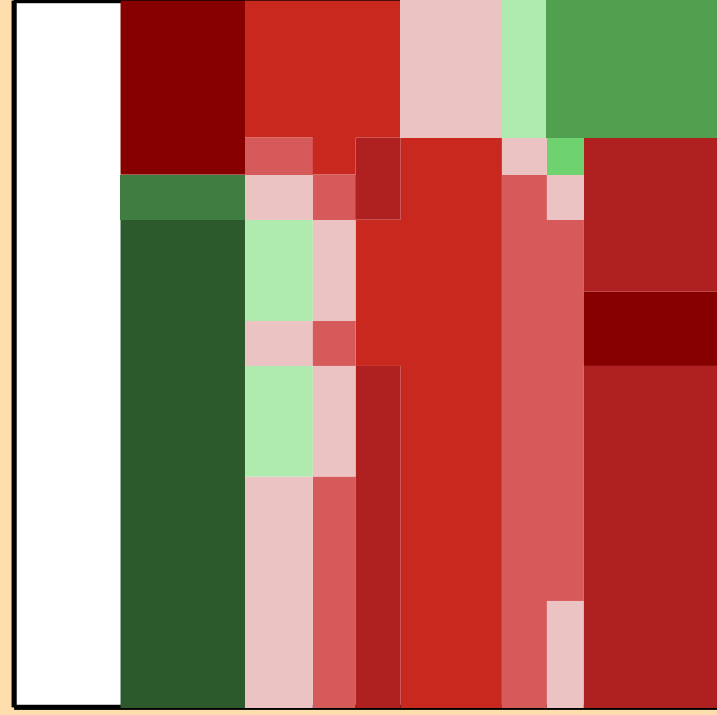
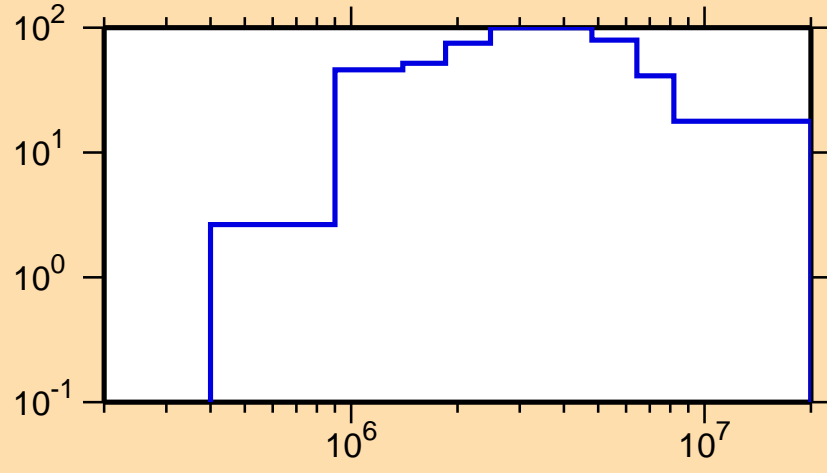


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

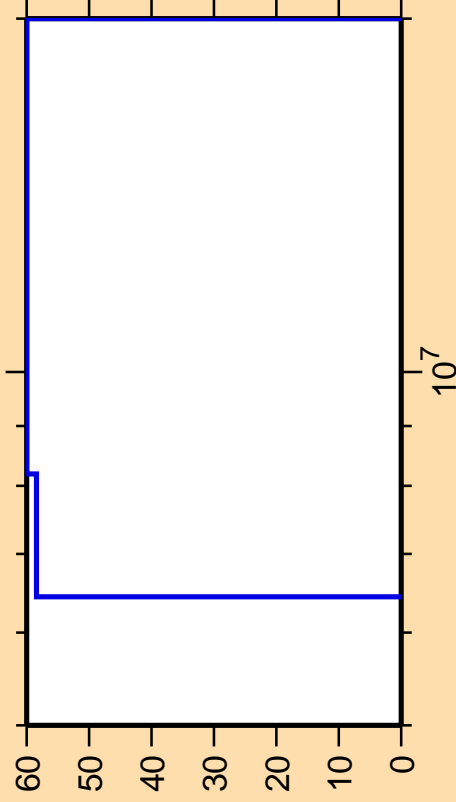
$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,p)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,d)$

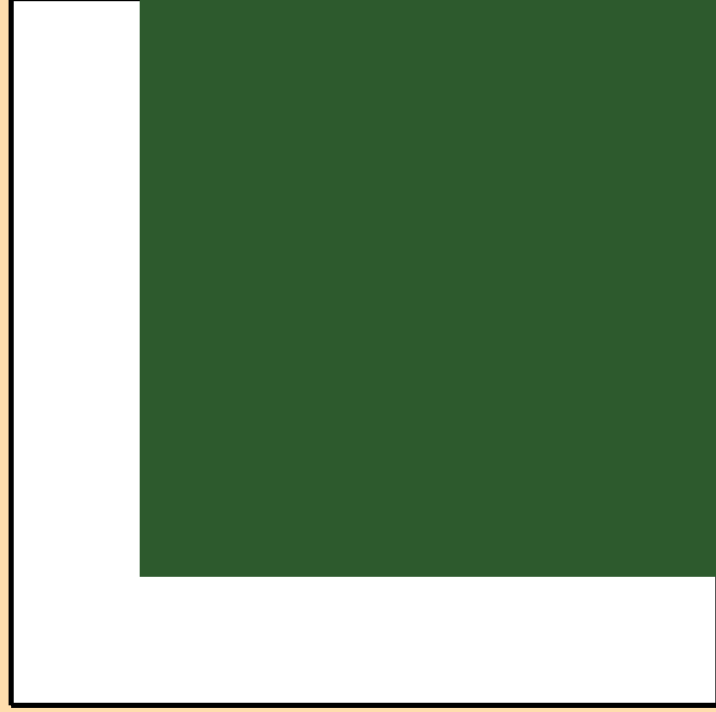
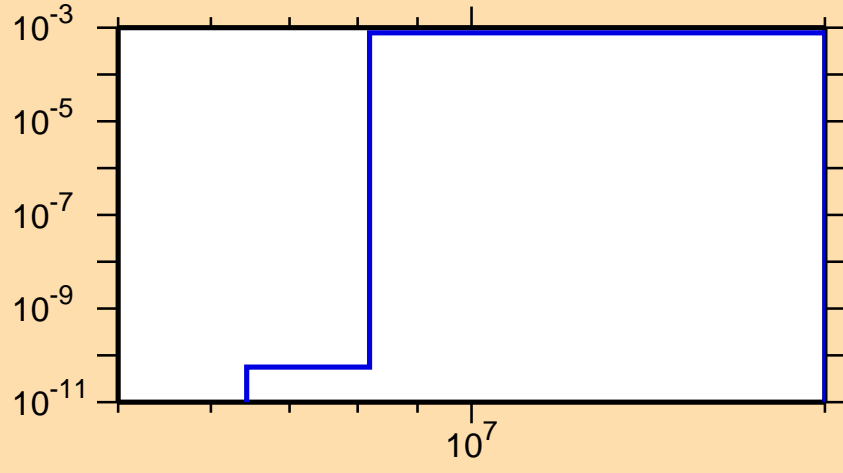


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{166}\text{Yb}(n,d)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,t)$

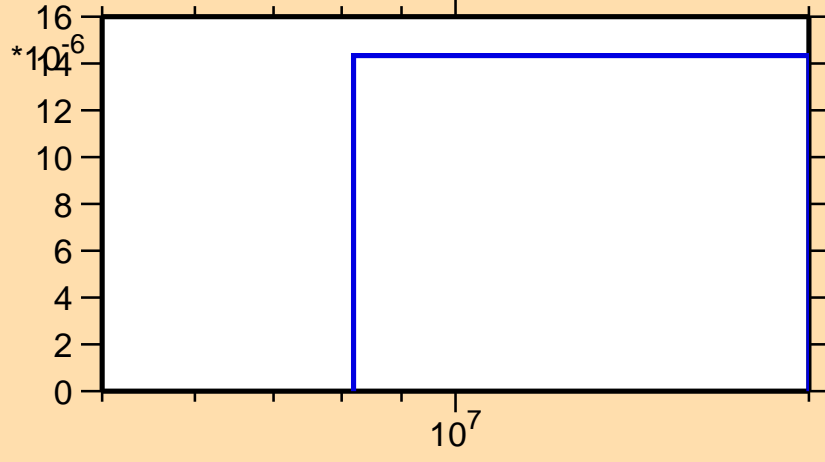


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{166}\text{Yb}(n,t)$



16  
14  
12  
10  
8  
6  
4  
2  
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  $^{166}\text{Yb}(n,\text{He}3)$

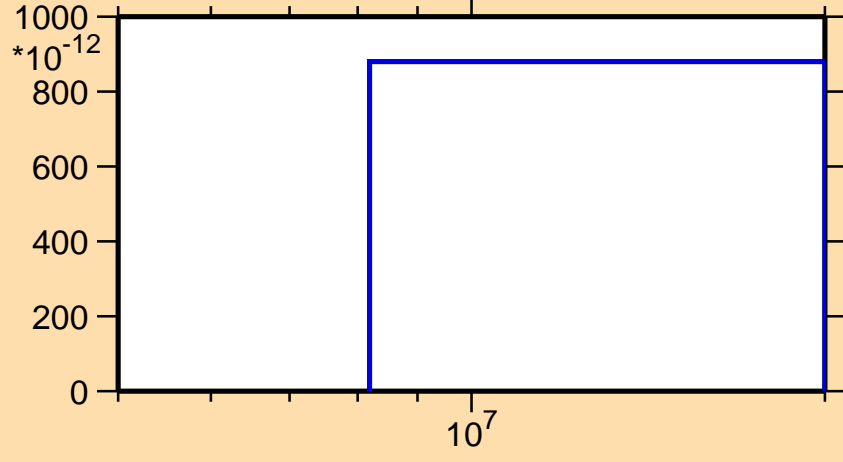


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

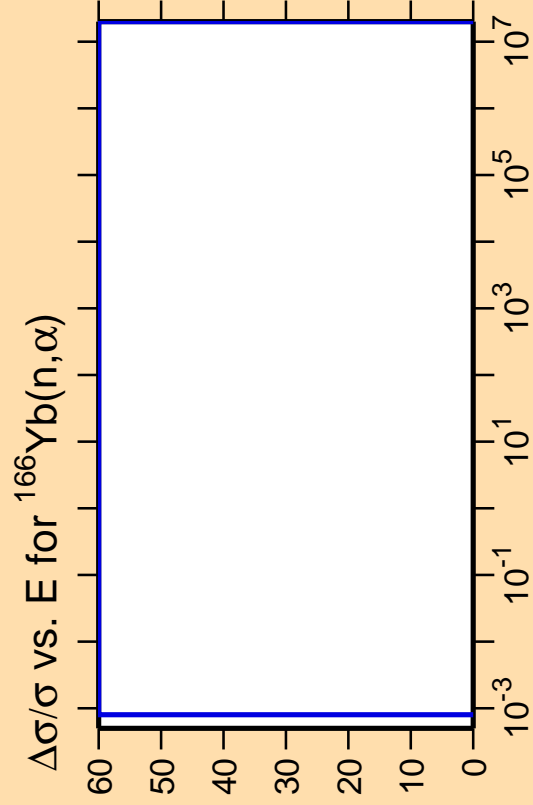
Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{He}3)$



Correlation Matrix

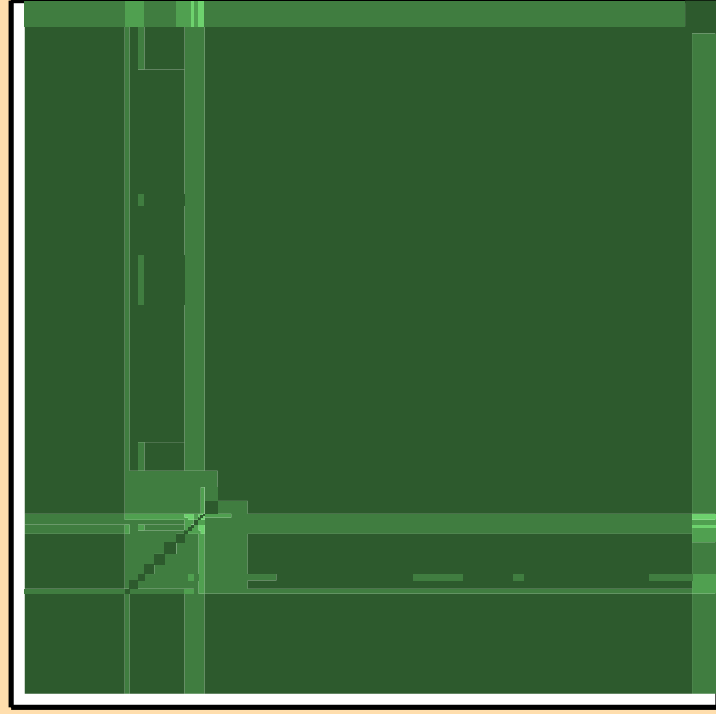
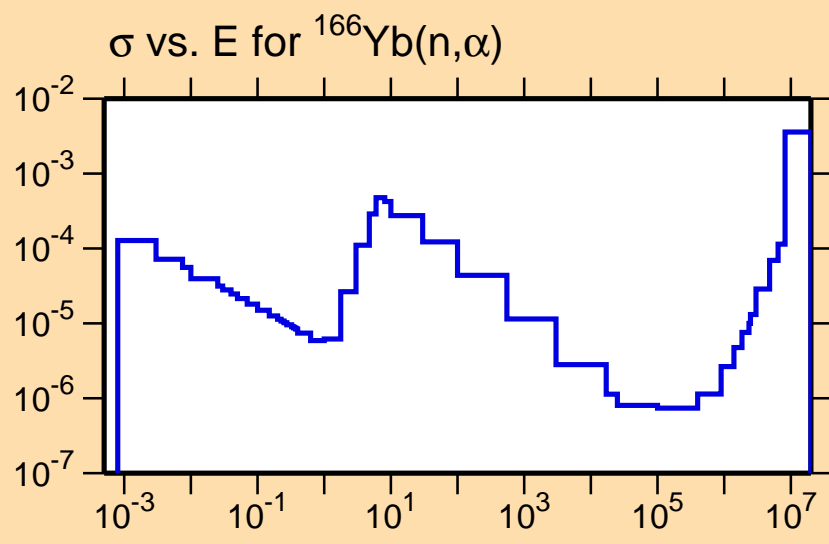




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

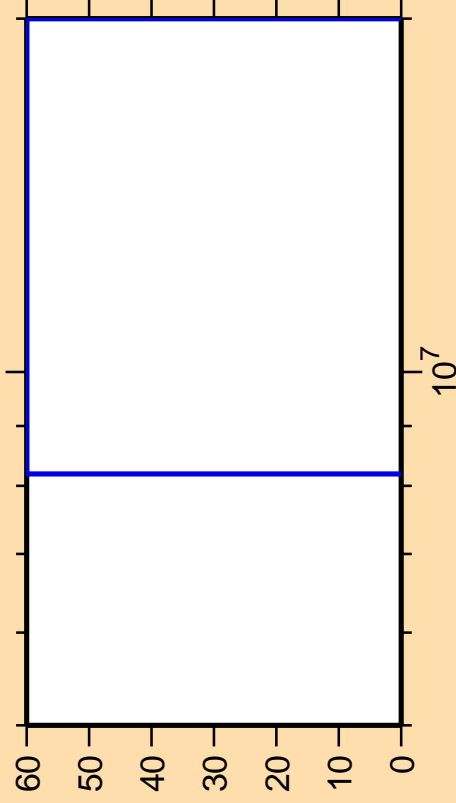
Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,p\alpha)$

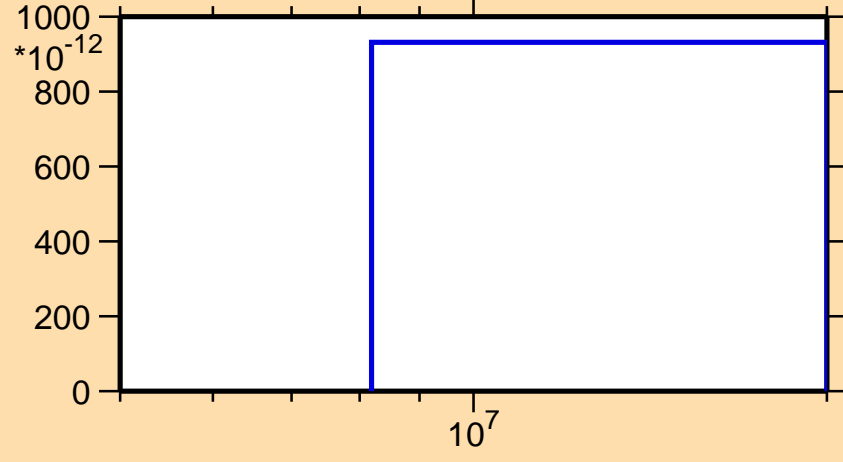


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

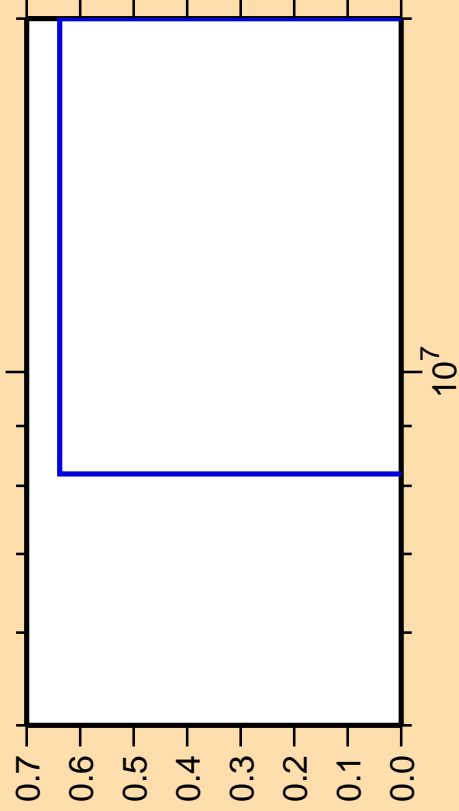
$\sigma$  vs. E for  $^{166}\text{Yb}(n,p\alpha)$



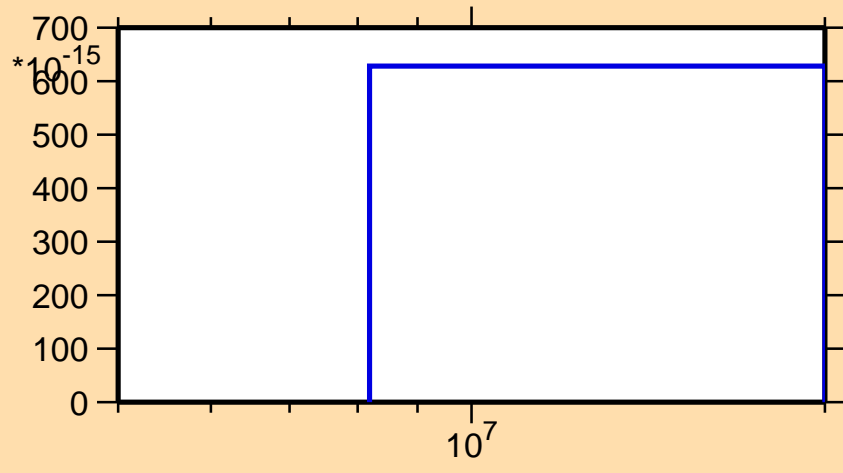
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{pd})$



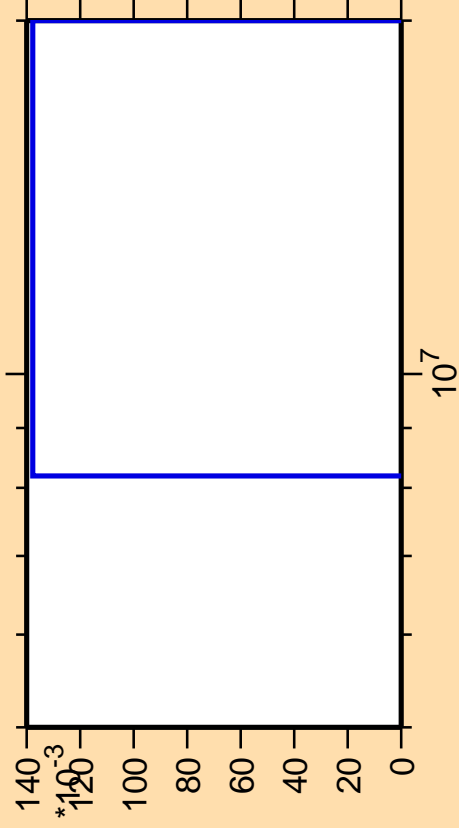
$\sigma$  vs. E for  $^{166}\text{Yb}(n,\text{pd})$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{166}\text{Yb}(\text{mt117})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{166}\text{Yb}(\text{mt117})$

