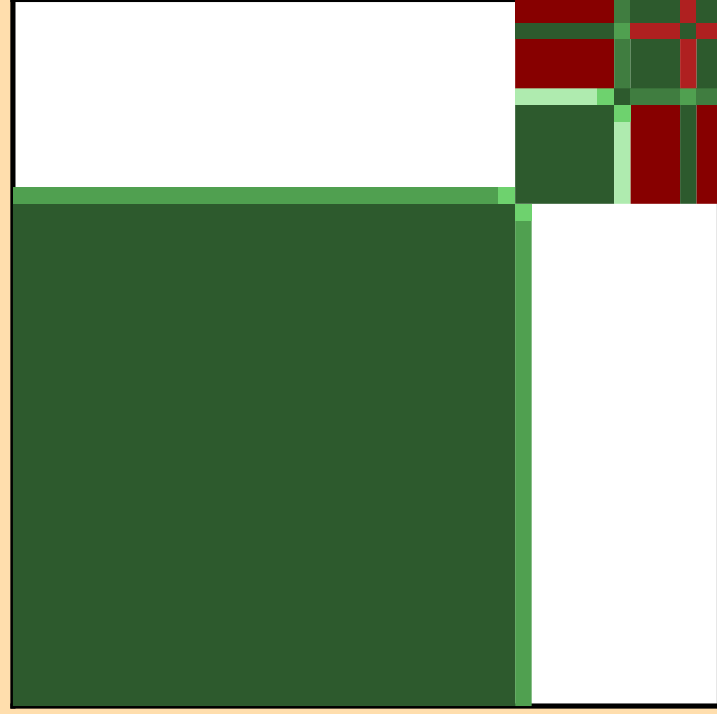
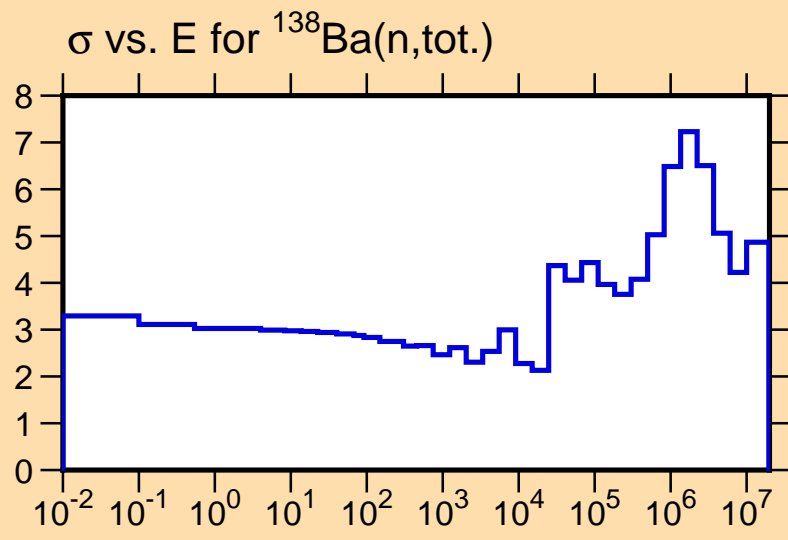
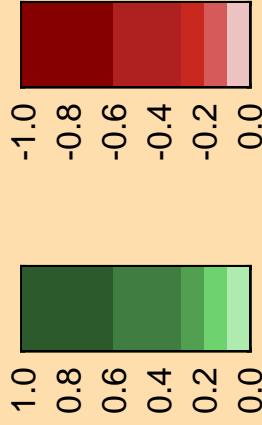


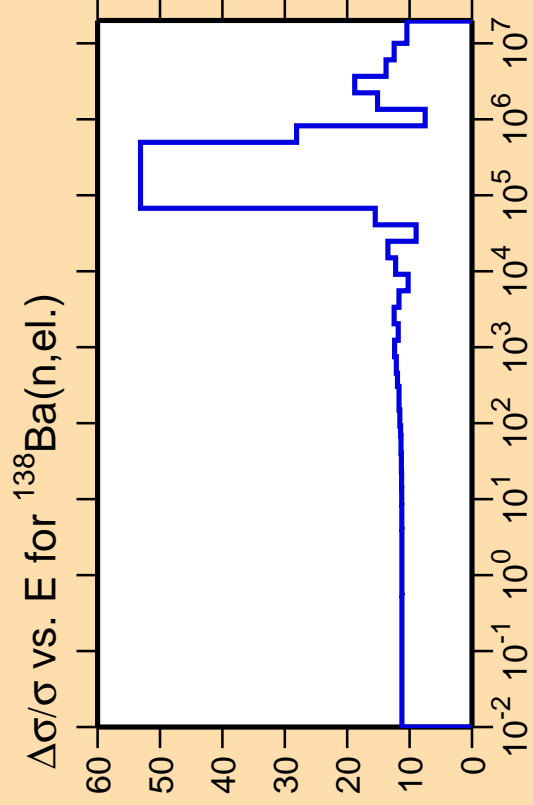
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



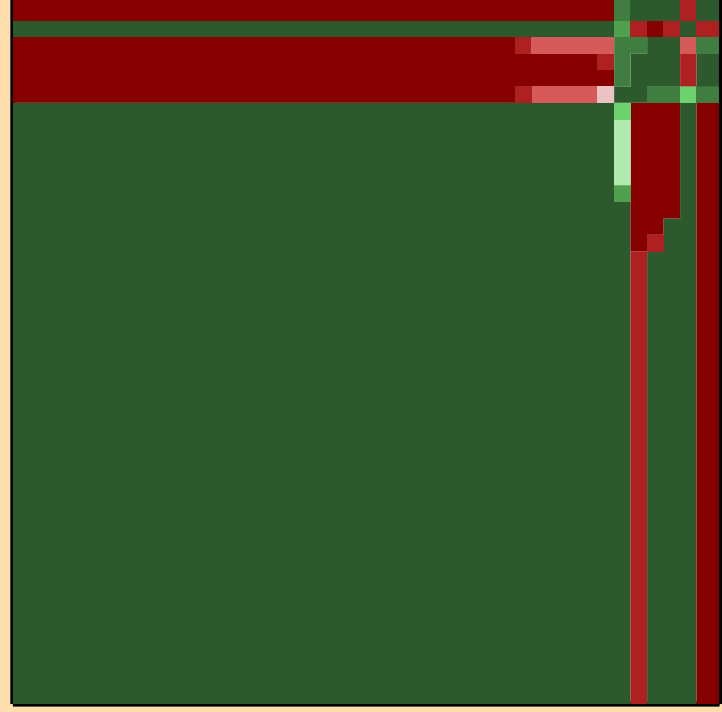
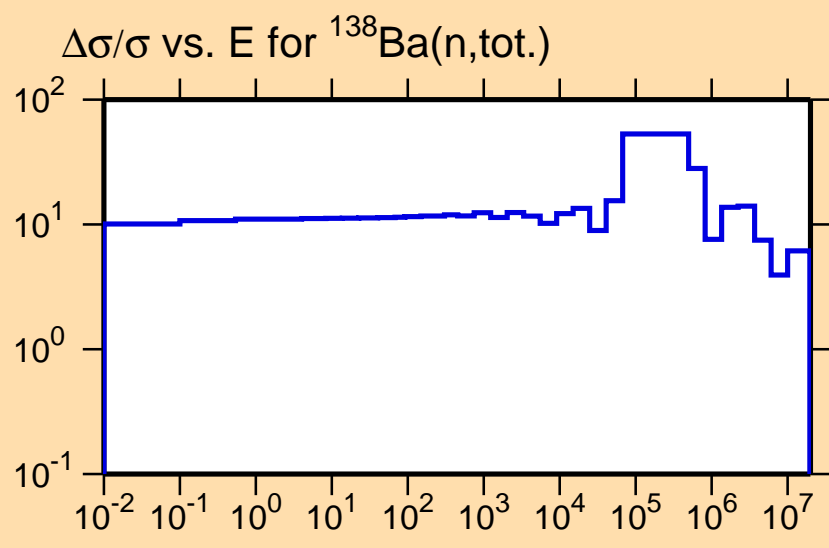
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

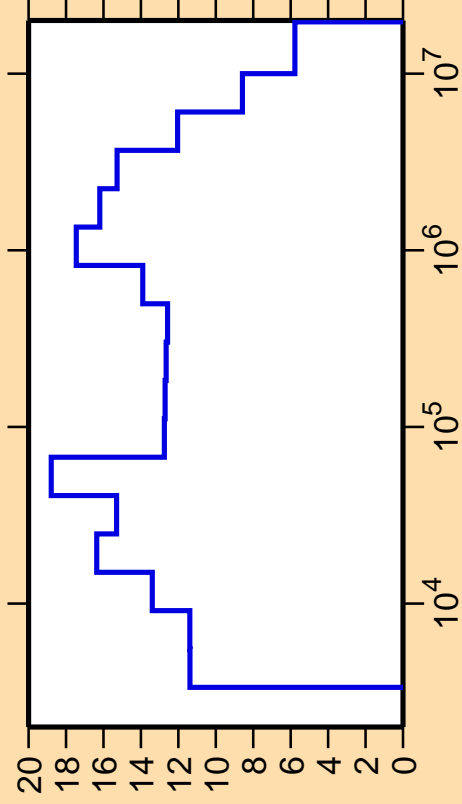
Abscissa scales are energy (eV).



Correlation Matrix



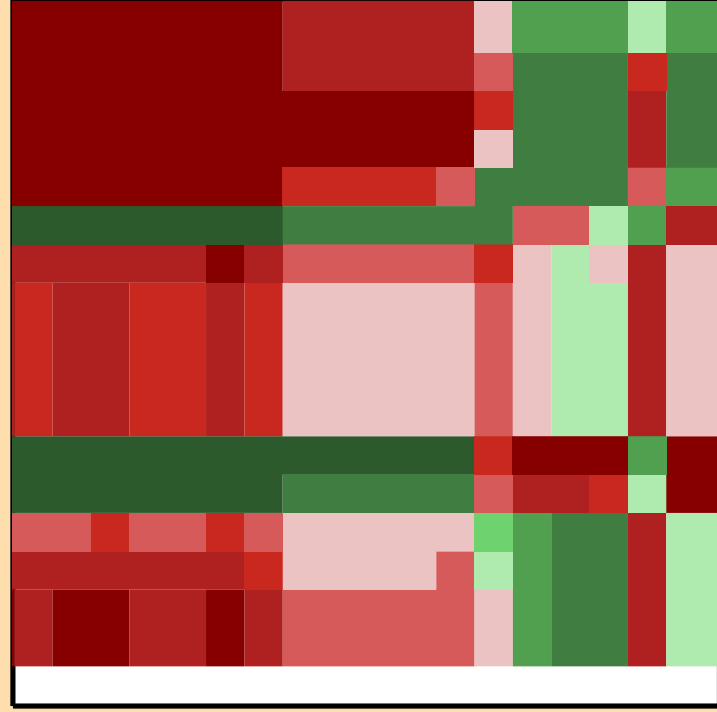
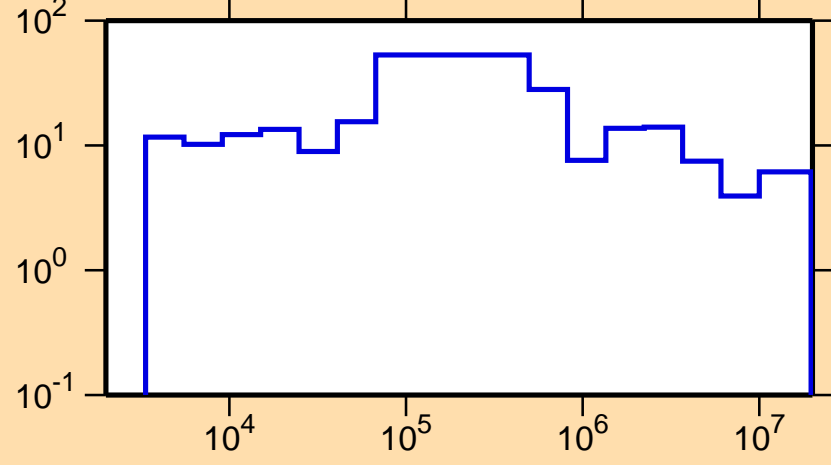
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

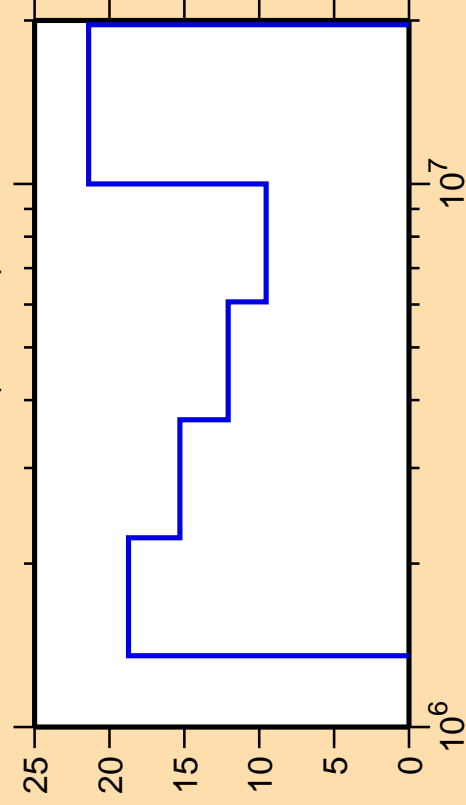
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{tot.})$



Correlation Matrix



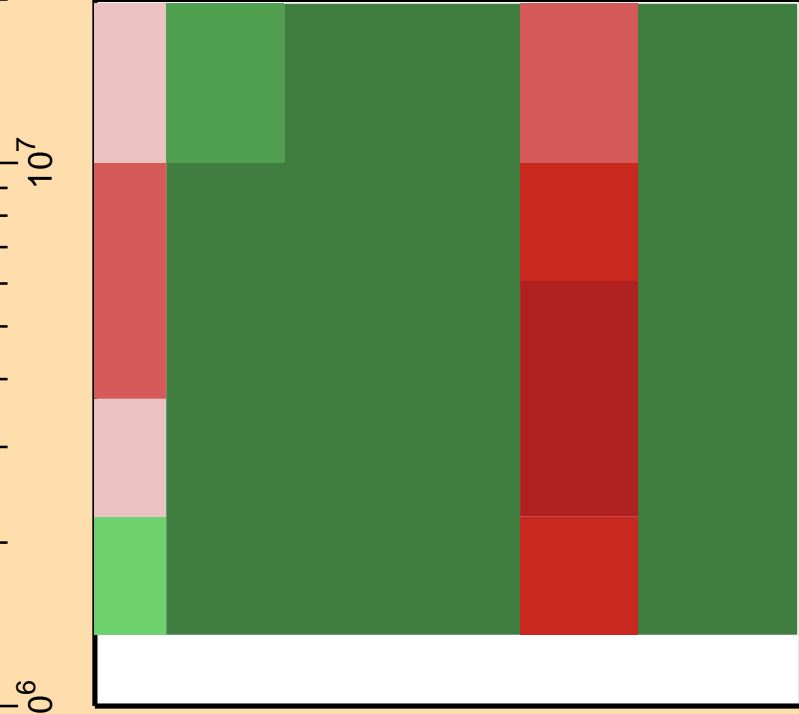
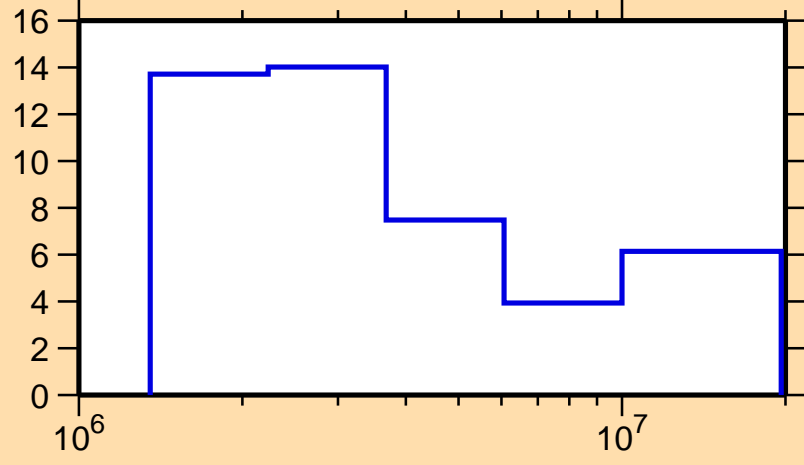
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

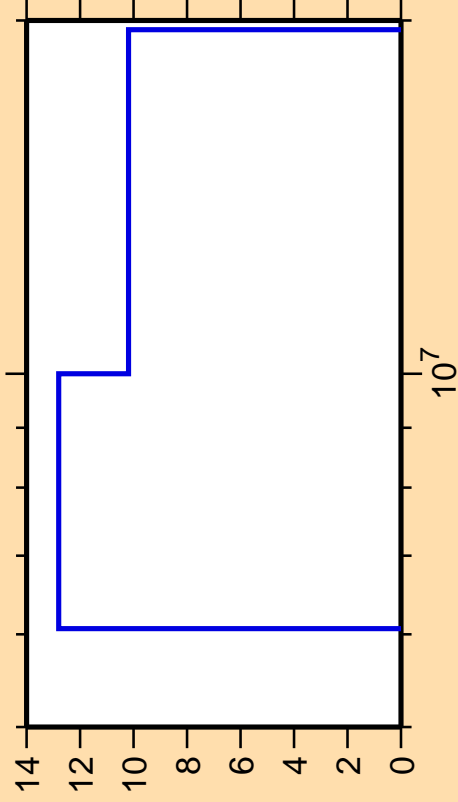
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{tot.})$



Correlation Matrix



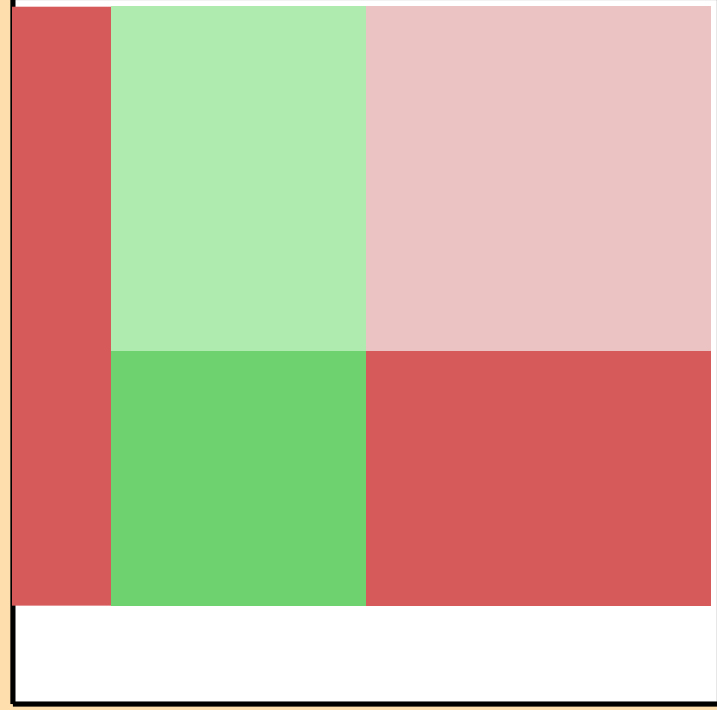
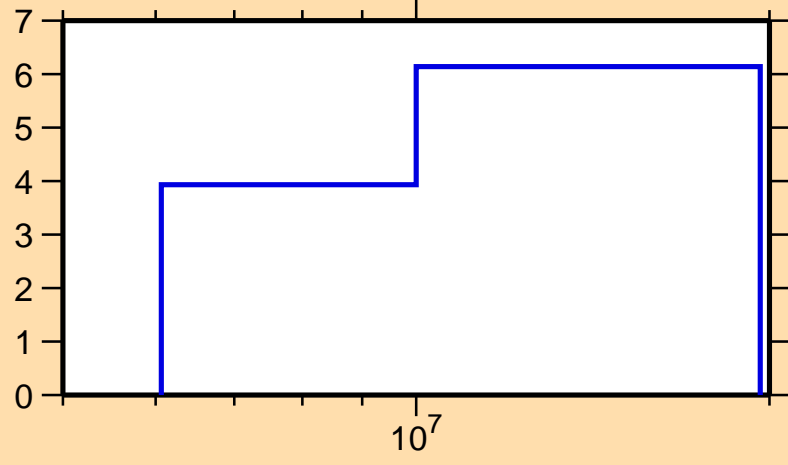
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$



Ordinate scale is %  
relative standard deviation.

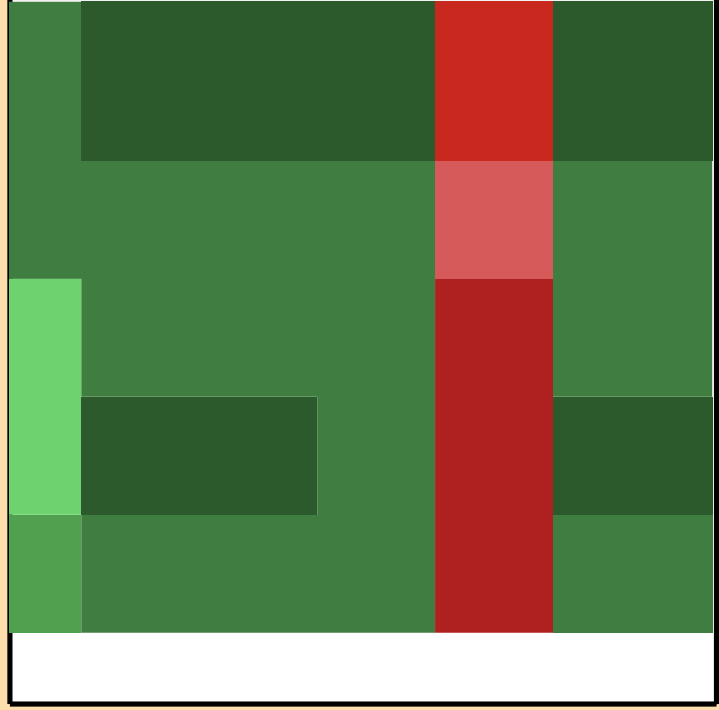
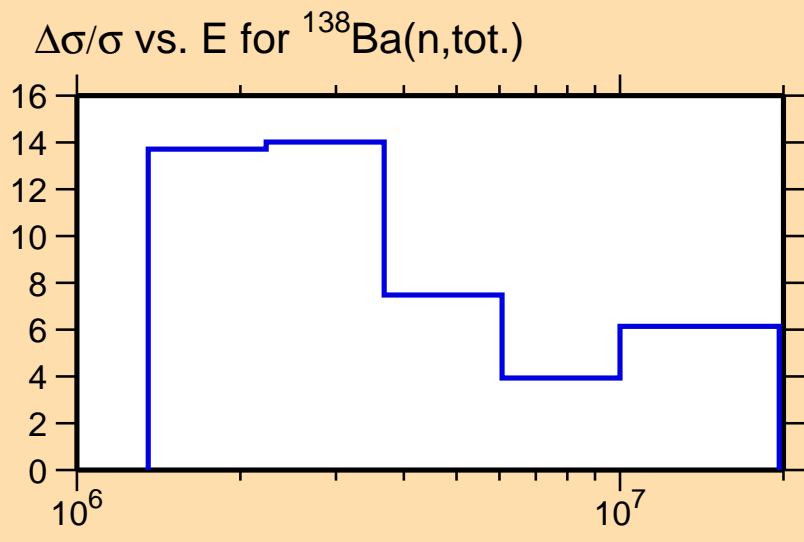
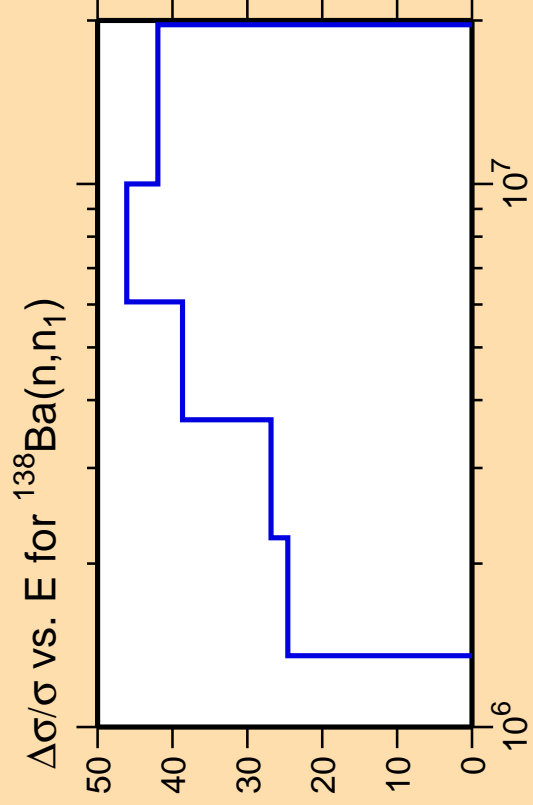
Abcissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{tot.})$

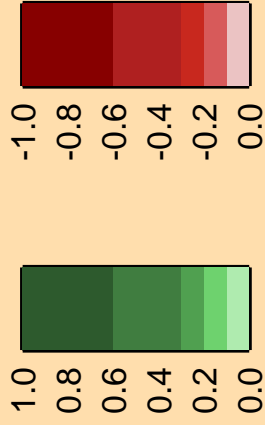


Correlation Matrix

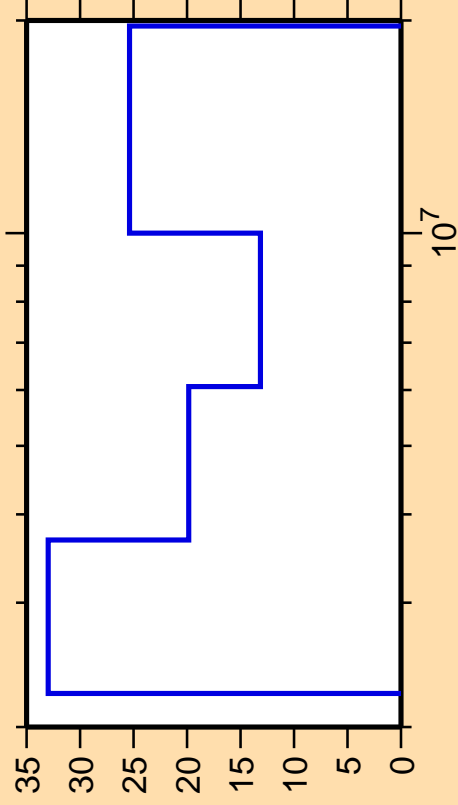




Correlation Matrix



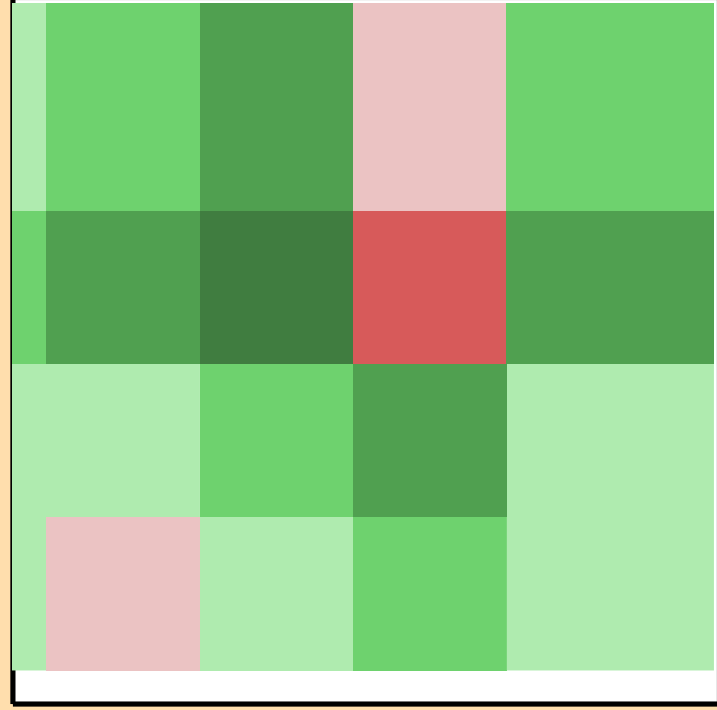
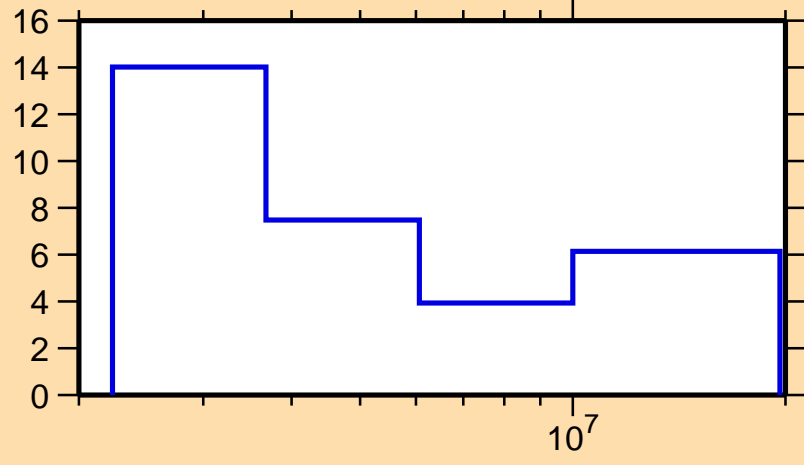
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

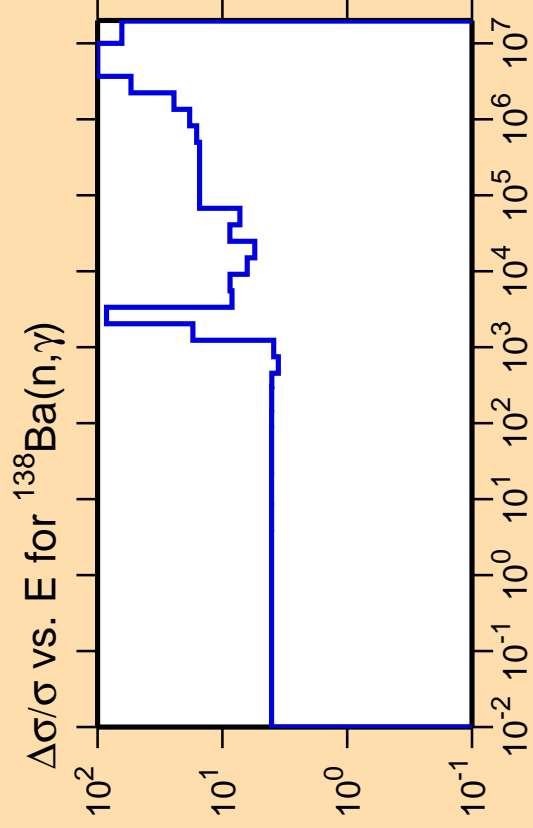
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{tot.})$



Correlation Matrix

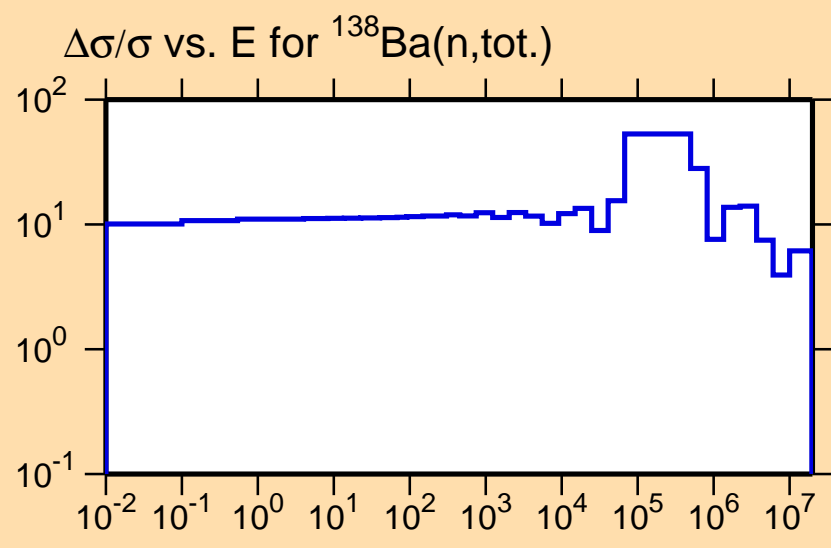




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

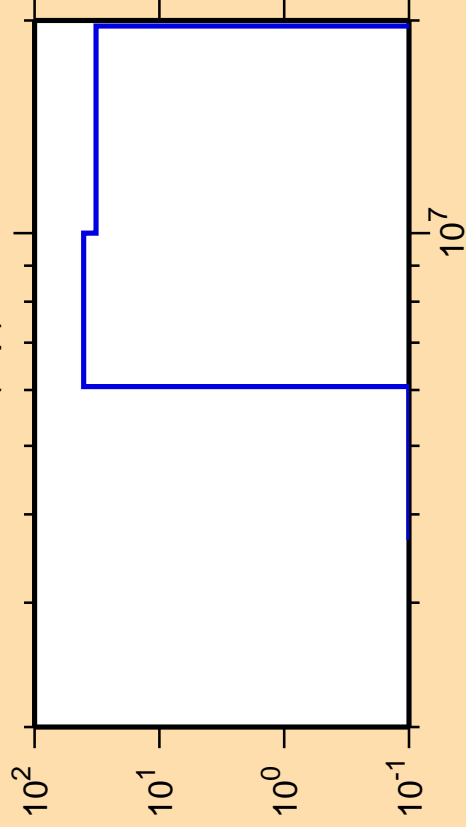


Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

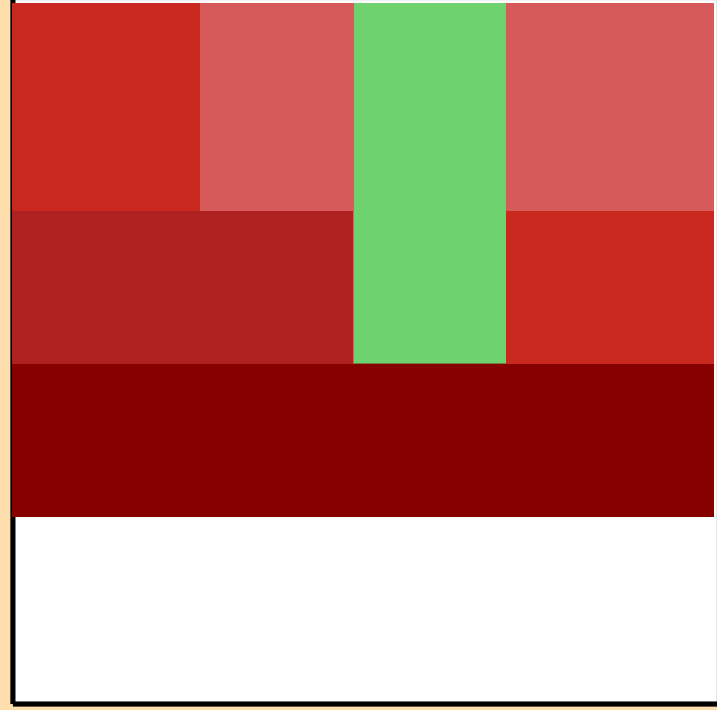
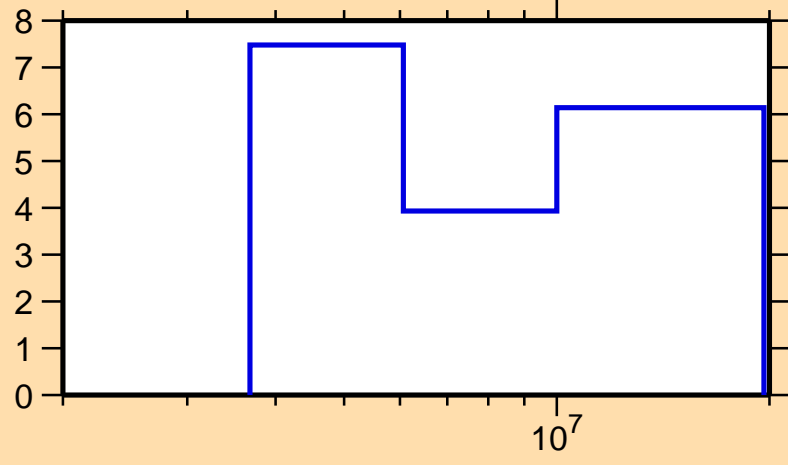


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

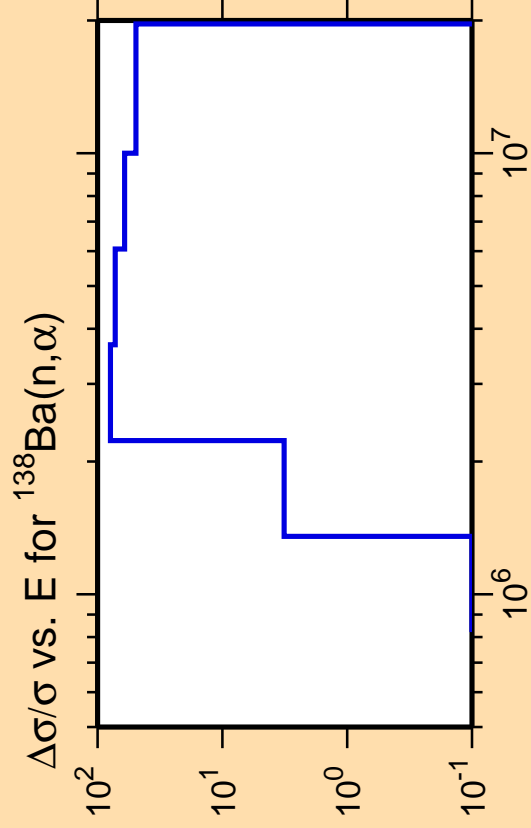
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{tot.})$



Correlation Matrix

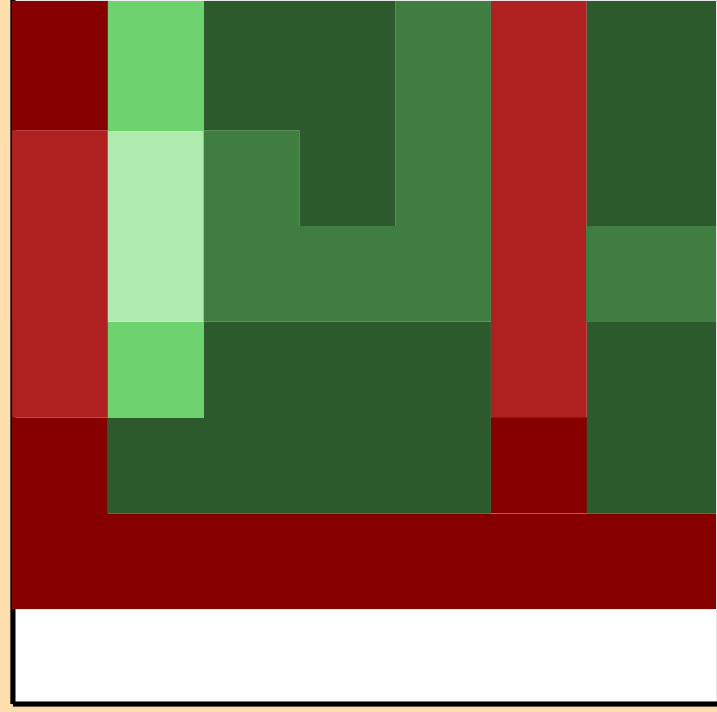
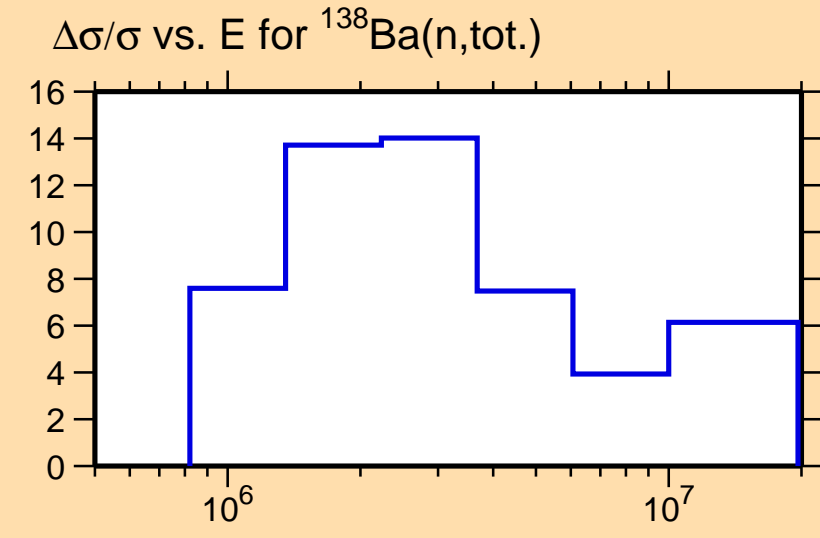




Ordinate scale is %  
relative standard deviation.

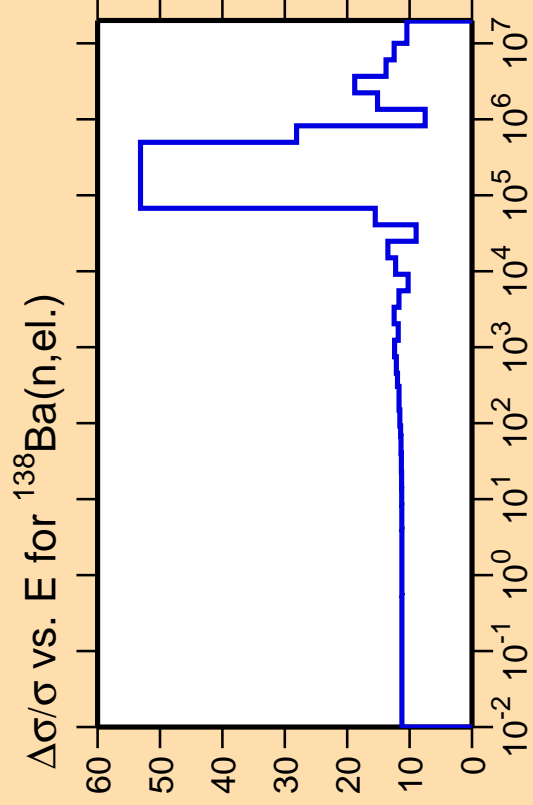
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

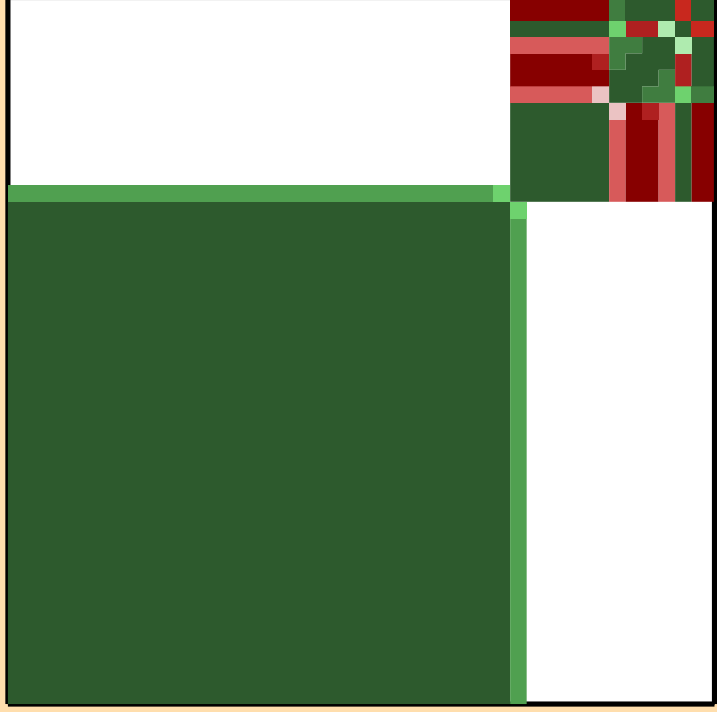
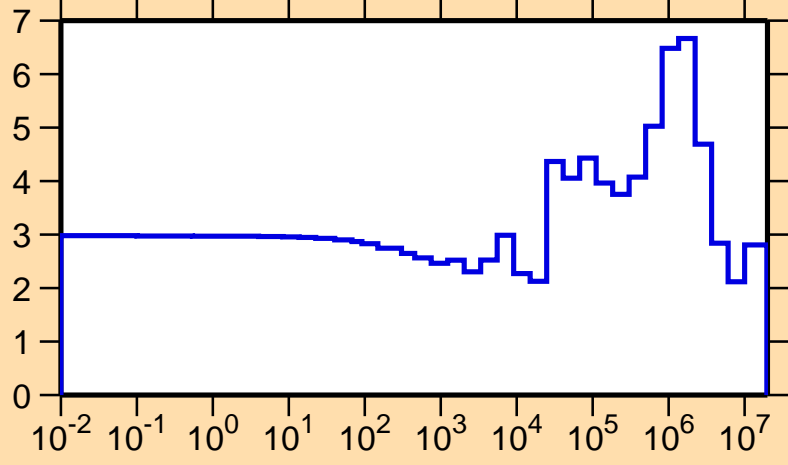




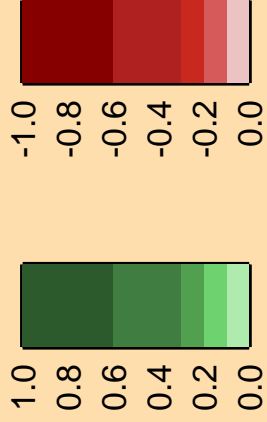
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

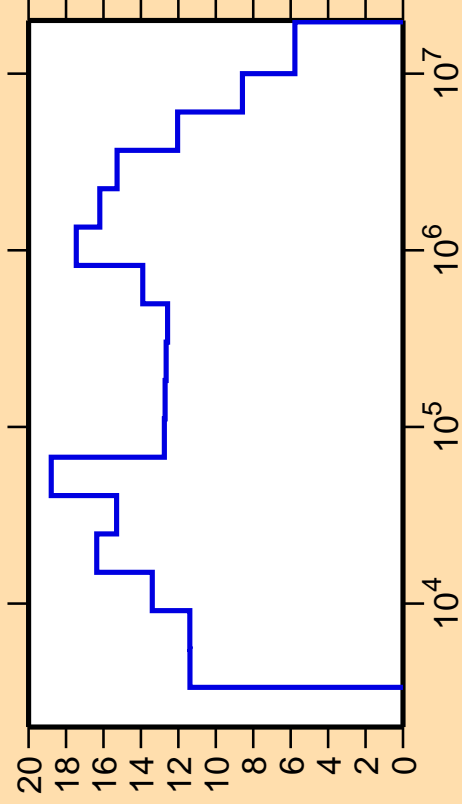
$\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



Correlation Matrix



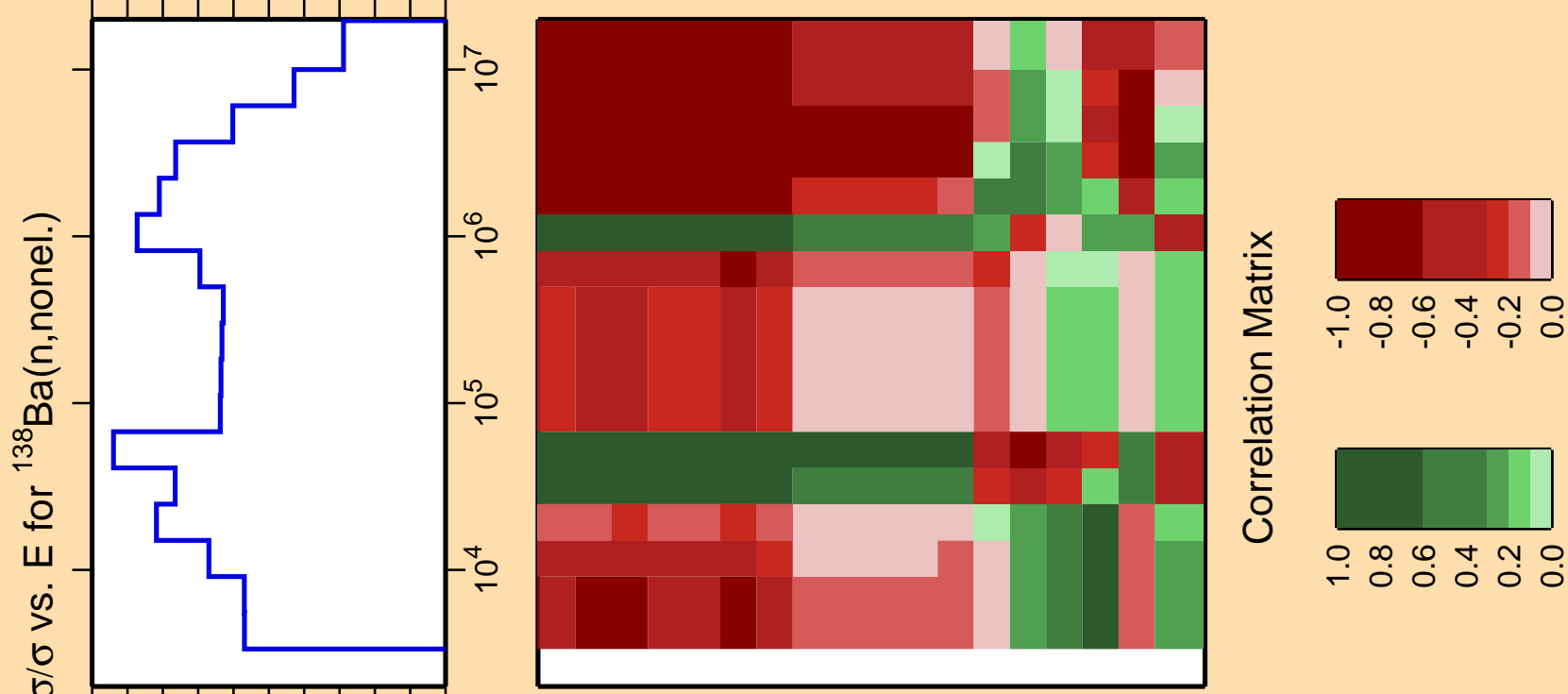
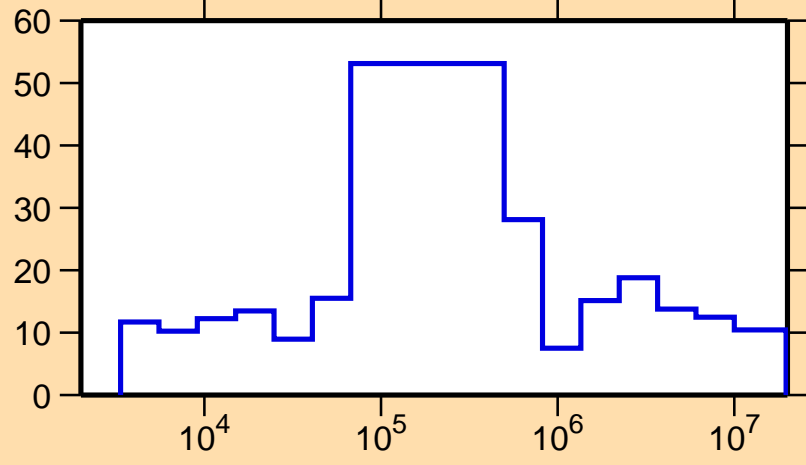
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$



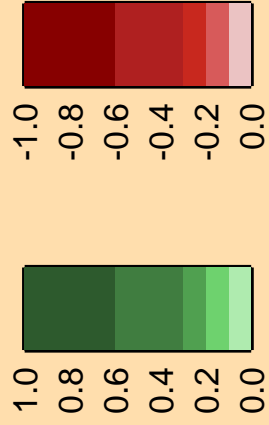
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

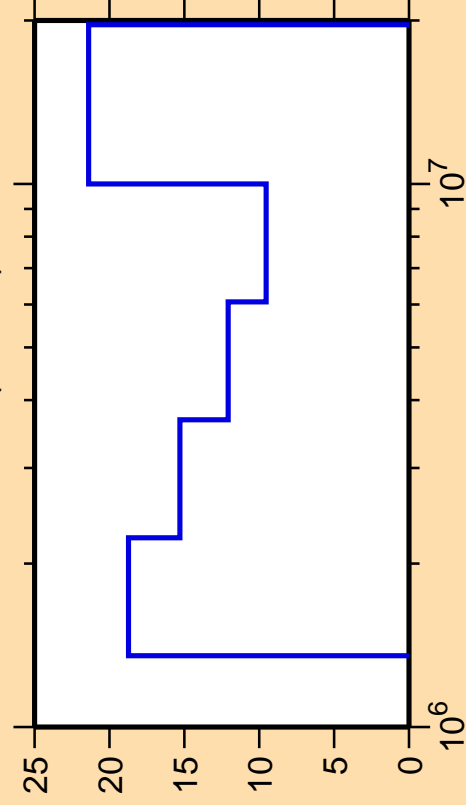
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



Correlation Matrix



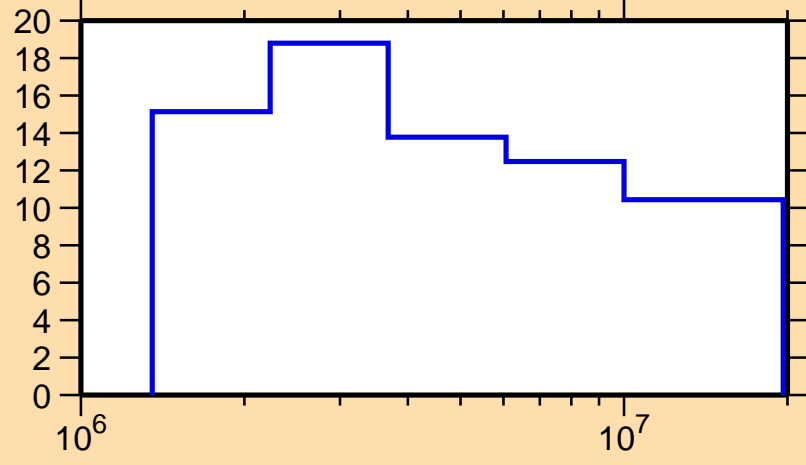
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

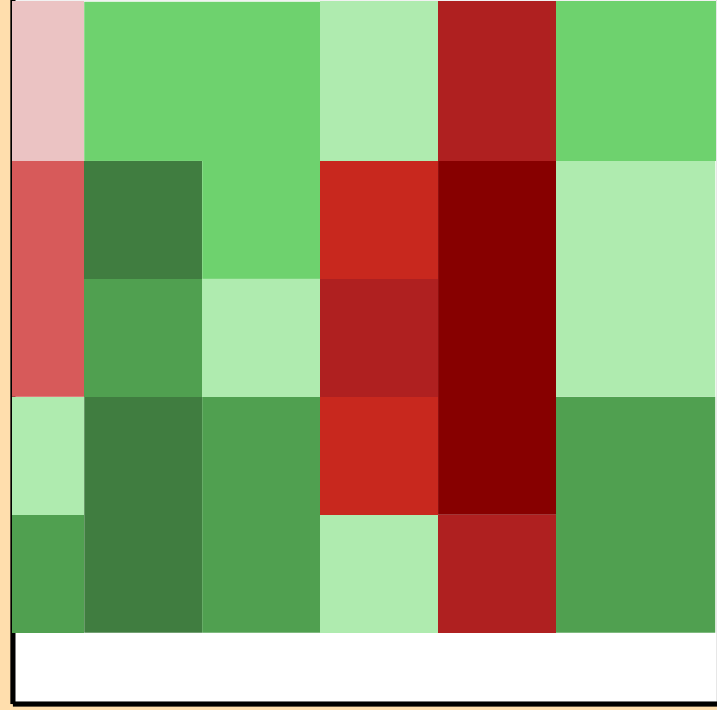
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



$10^7$

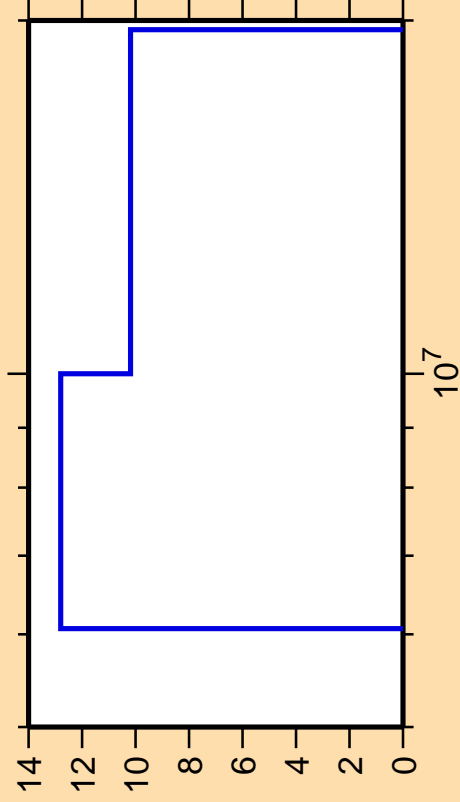
$10^6$



Correlation Matrix



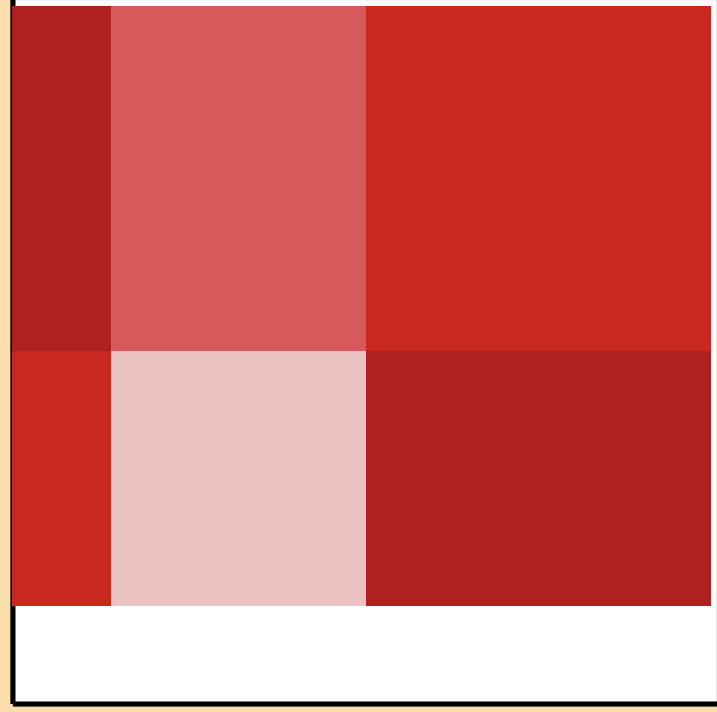
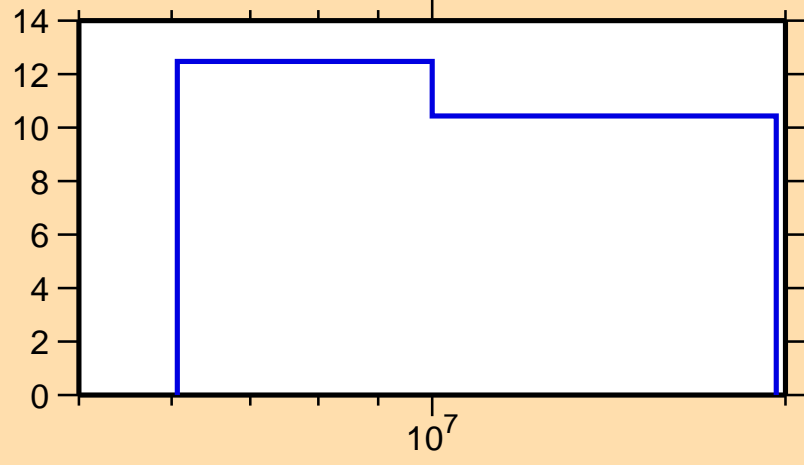
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$



Ordinate scale is %  
relative standard deviation.

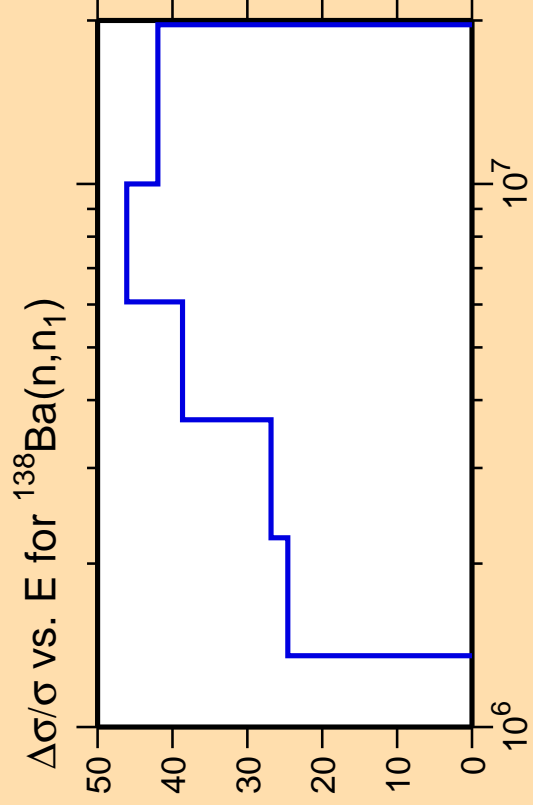
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



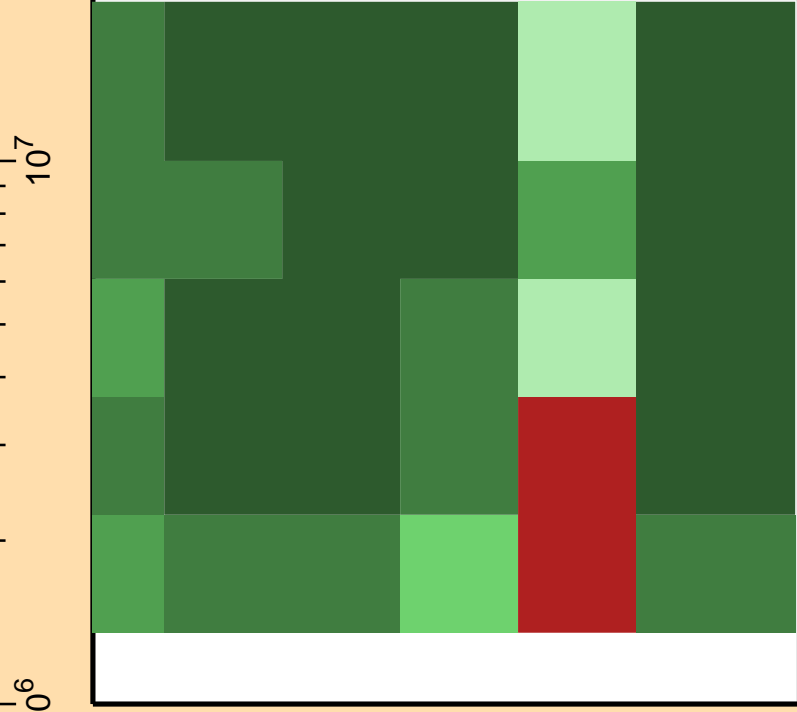
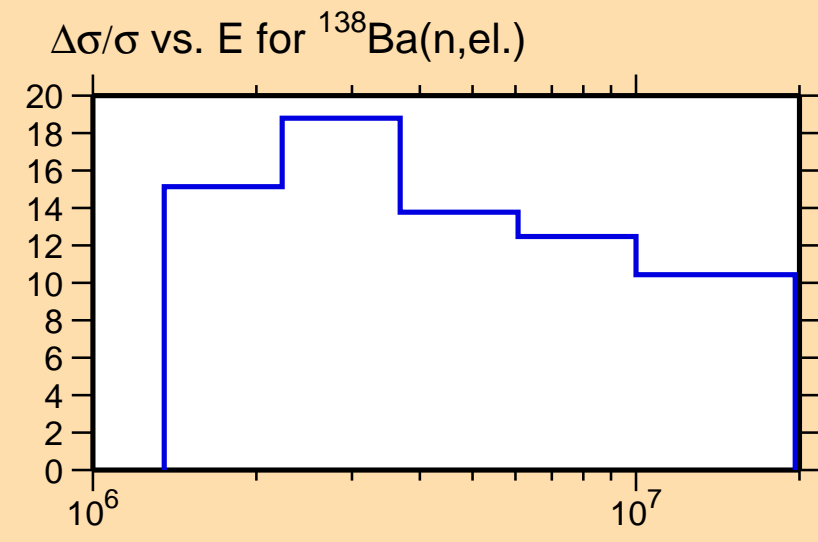
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

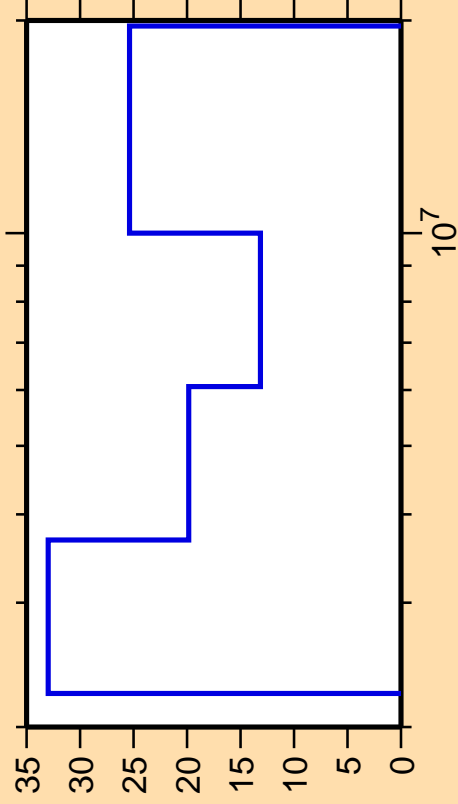
Abscissa scales are energy (eV).



Correlation Matrix



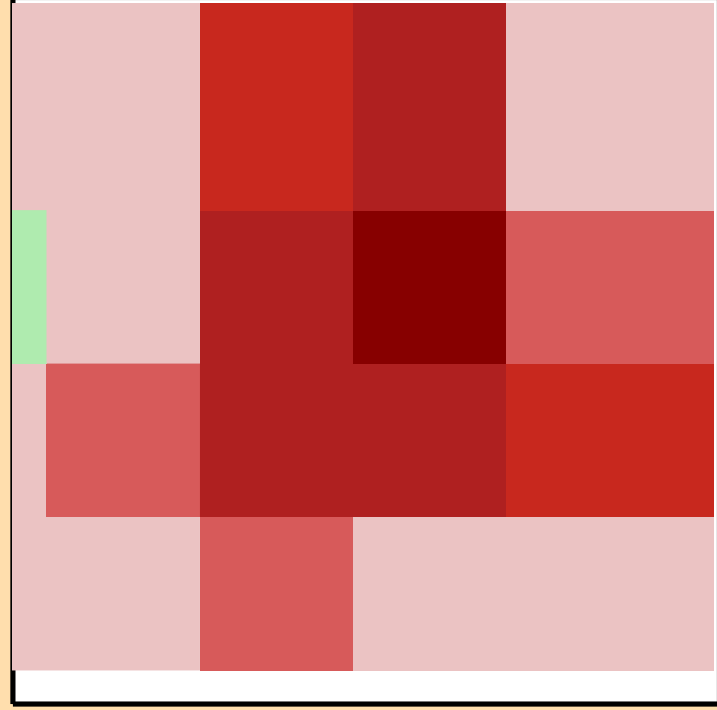
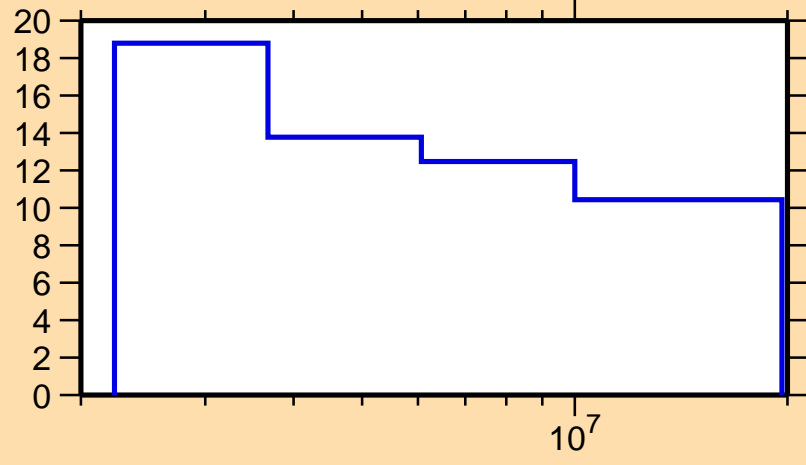
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

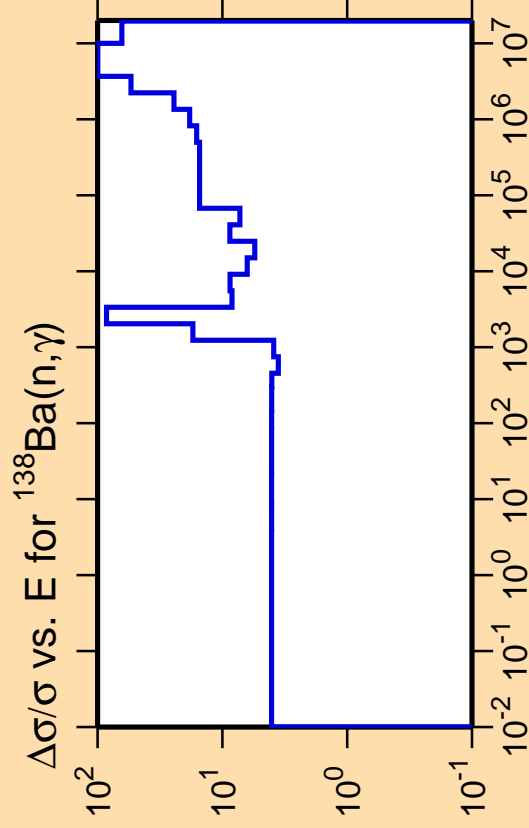
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



Correlation Matrix





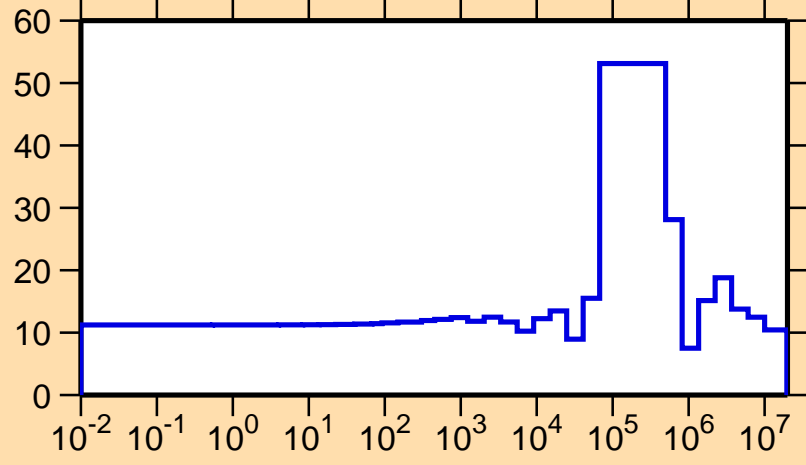


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

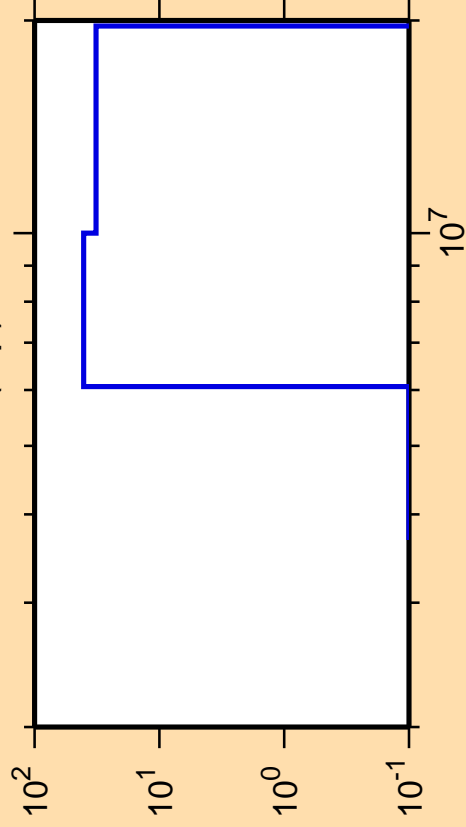
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

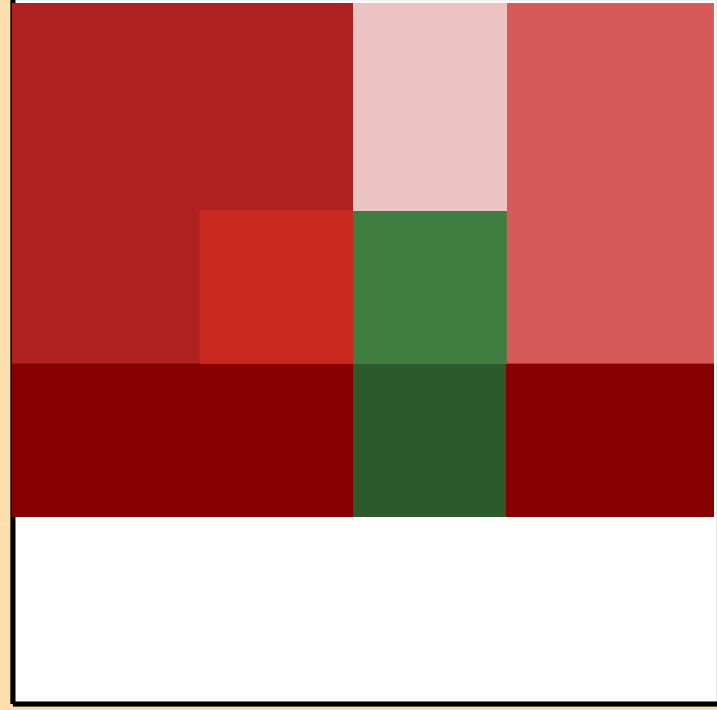
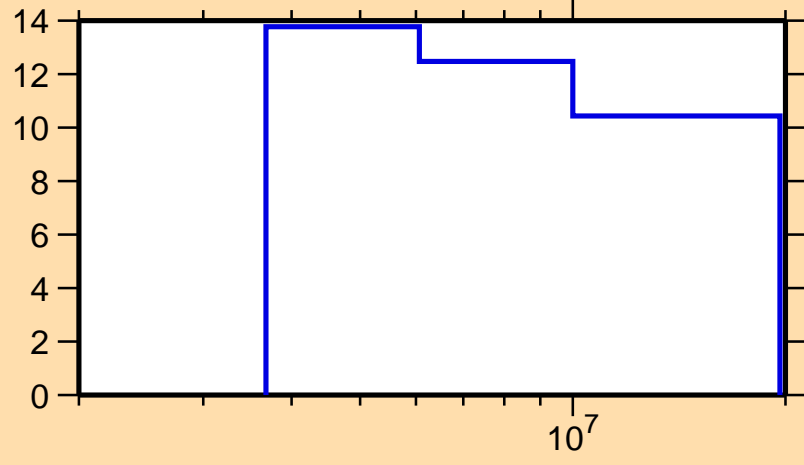


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

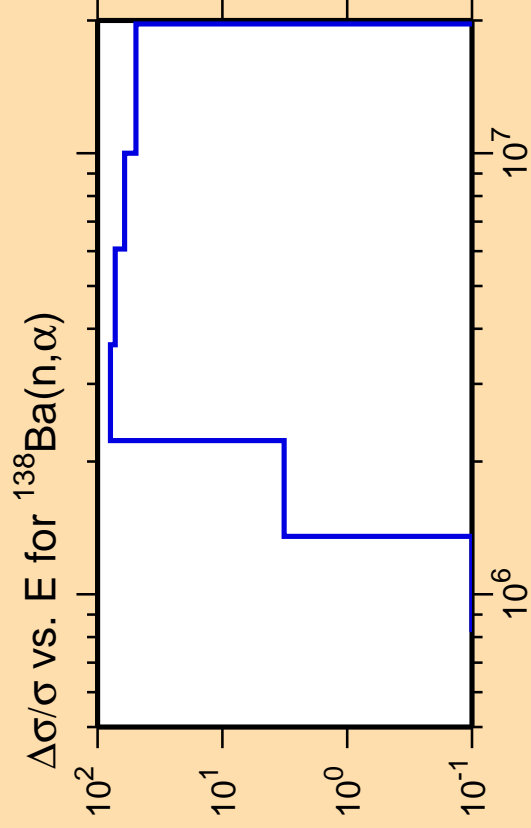
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{el.})$



Correlation Matrix

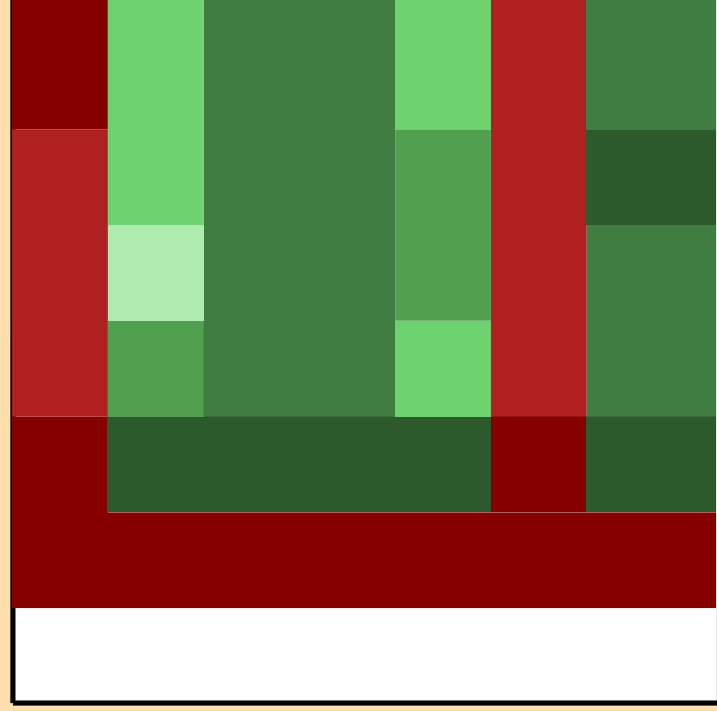
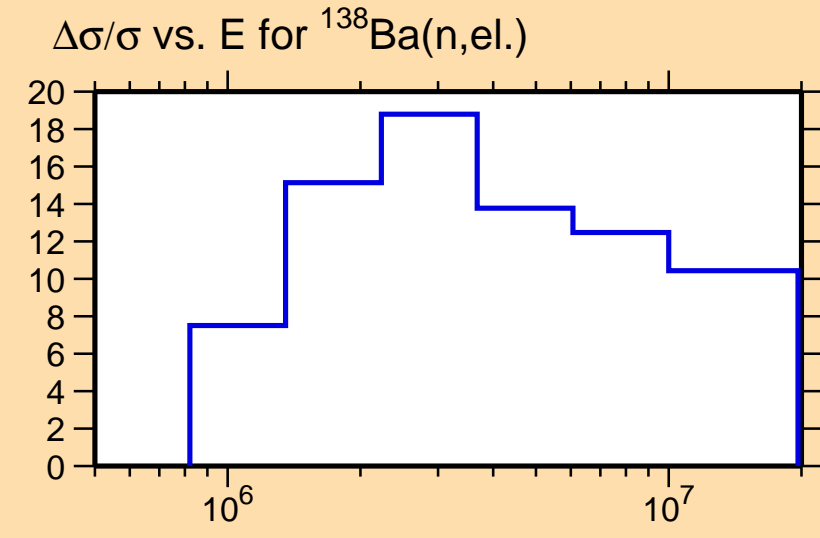




Ordinate scale is %  
relative standard deviation.

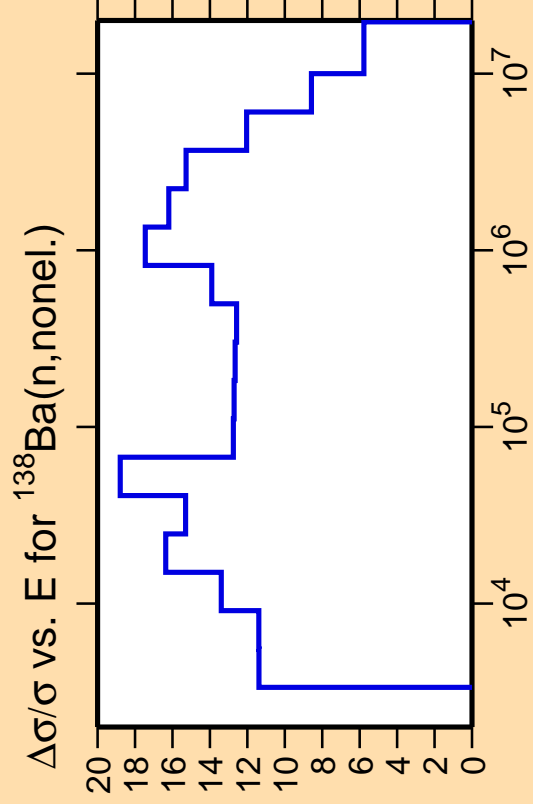
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



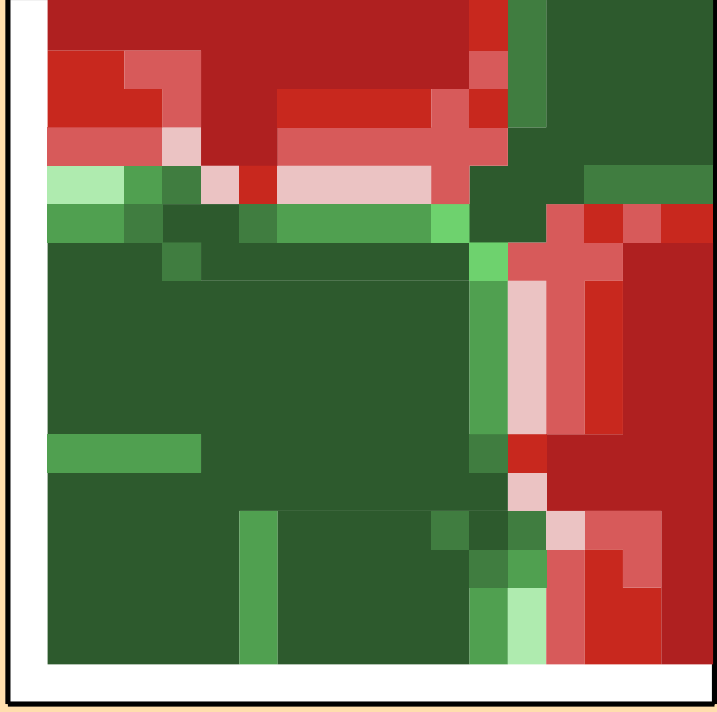
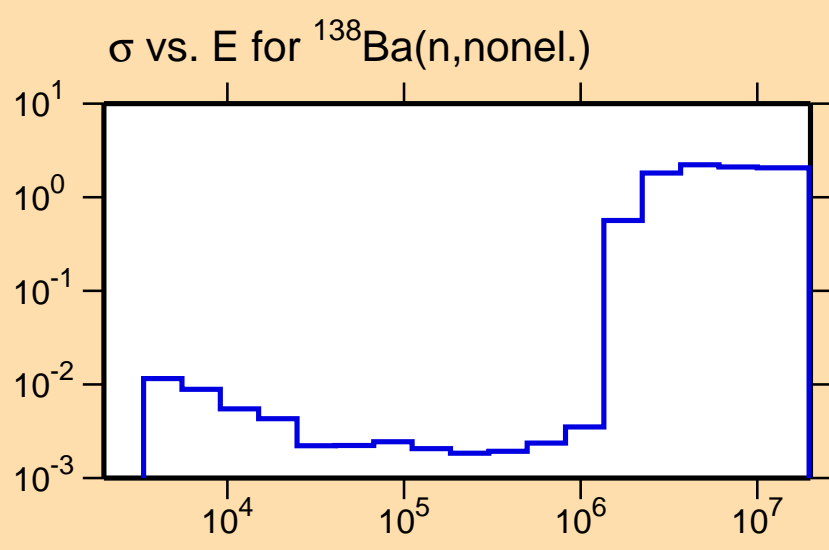
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

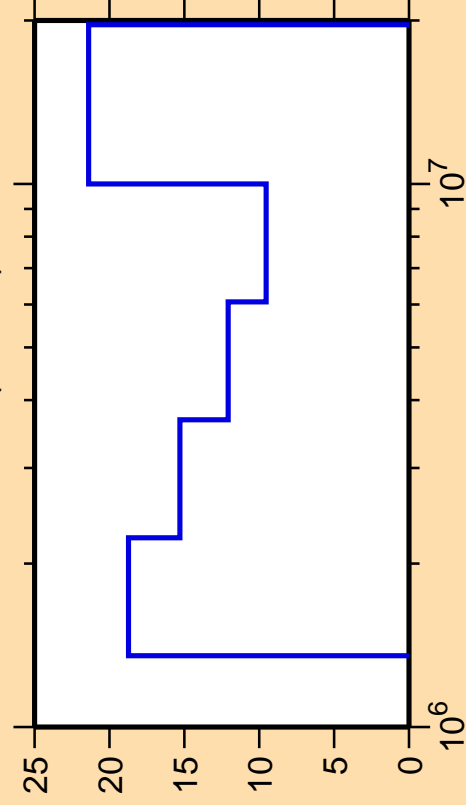
Abscissa scales are energy (eV).



Correlation Matrix



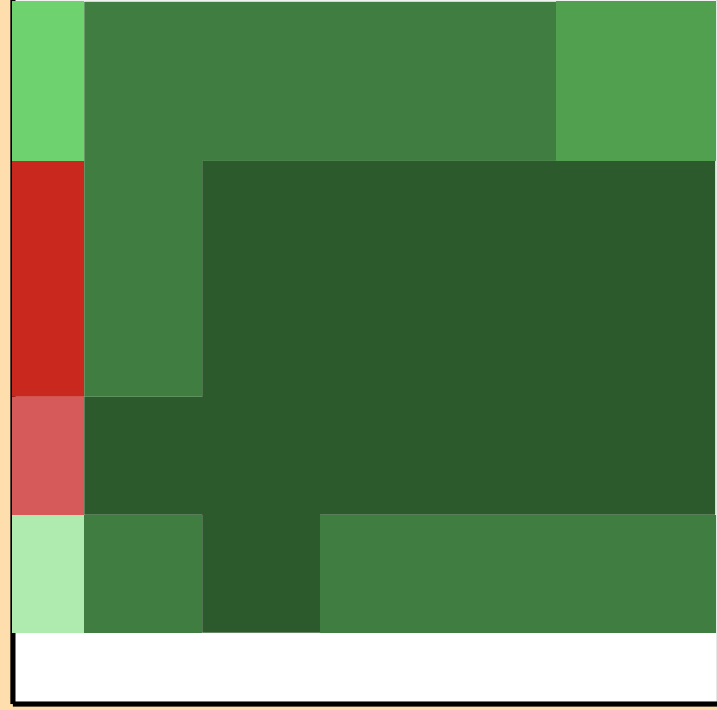
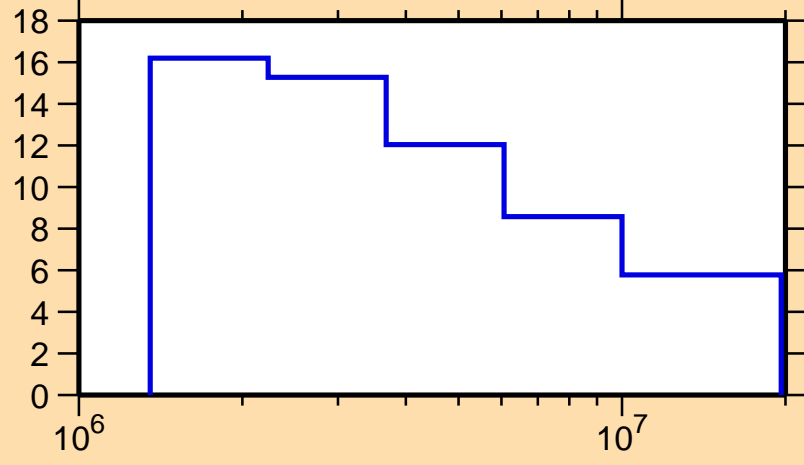
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

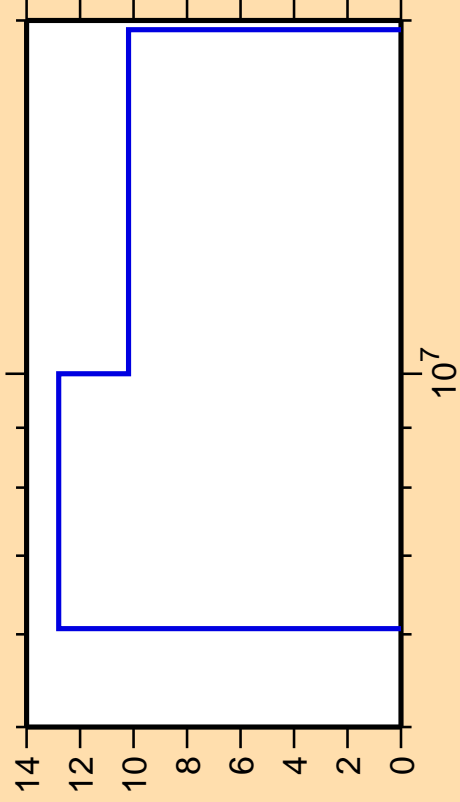
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$



Correlation Matrix



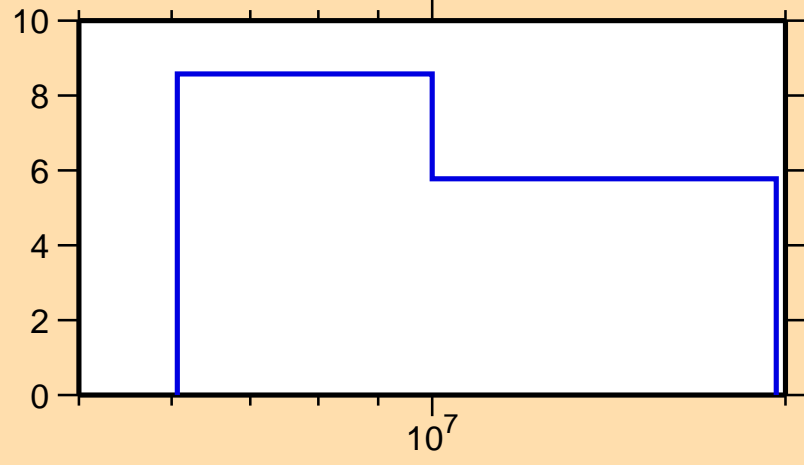
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$



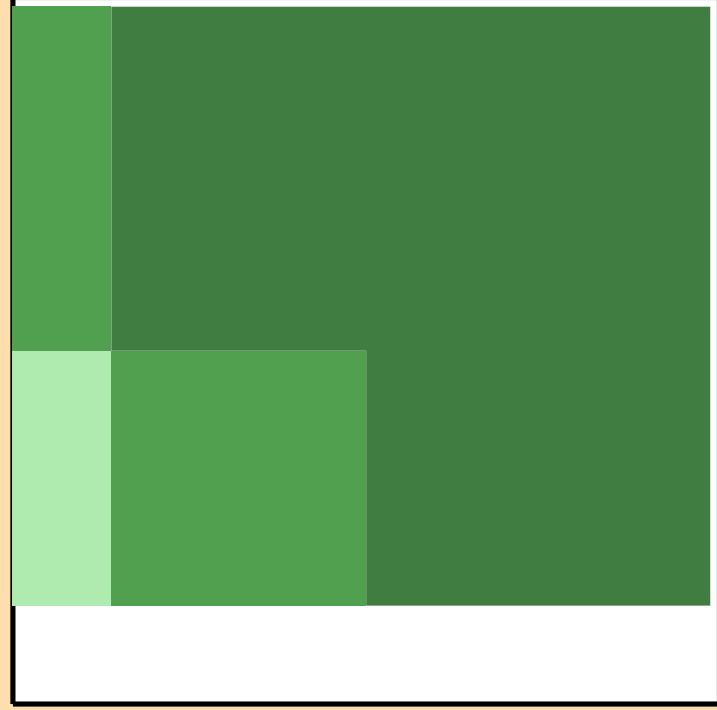
Ordinate scale is %  
relative standard deviation.

Abcissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$

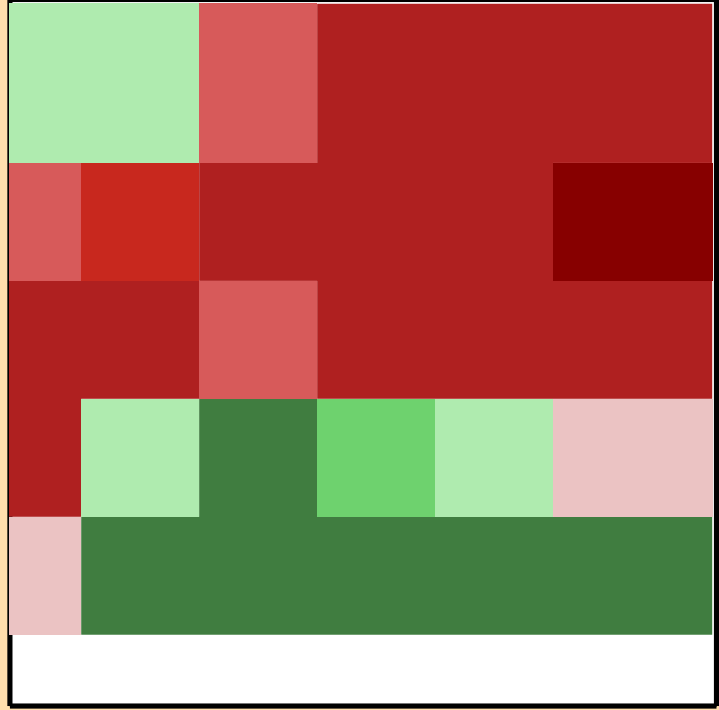
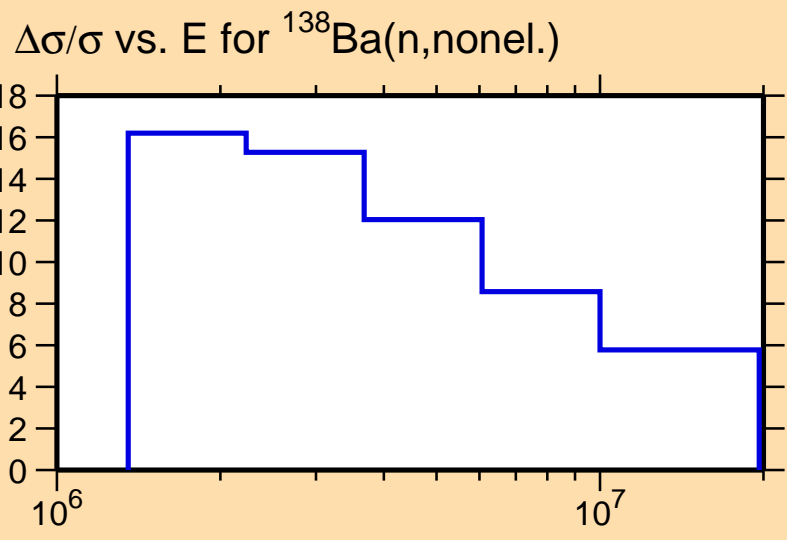
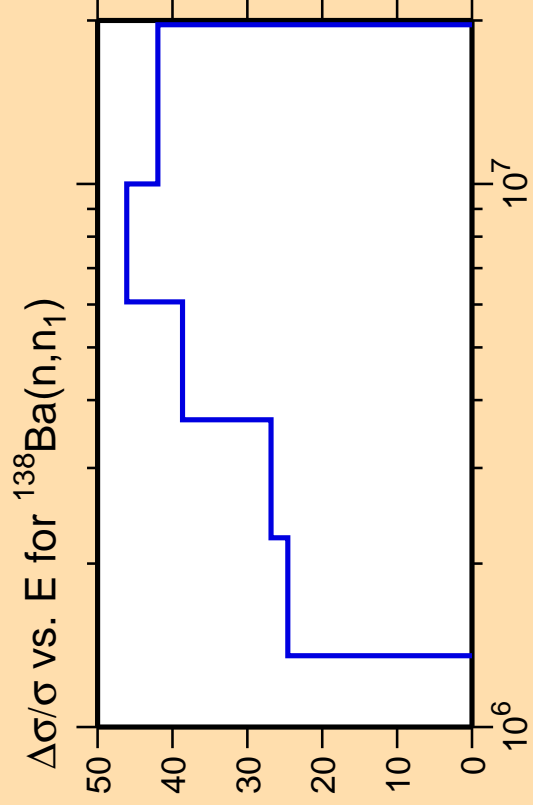


$10^7$

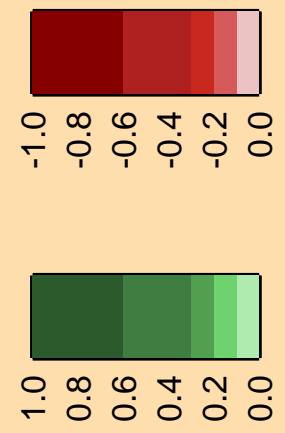


Correlation Matrix

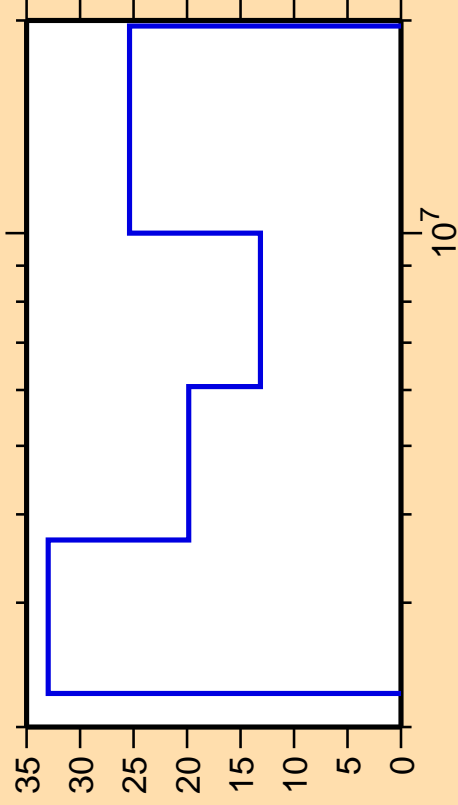




Correlation Matrix



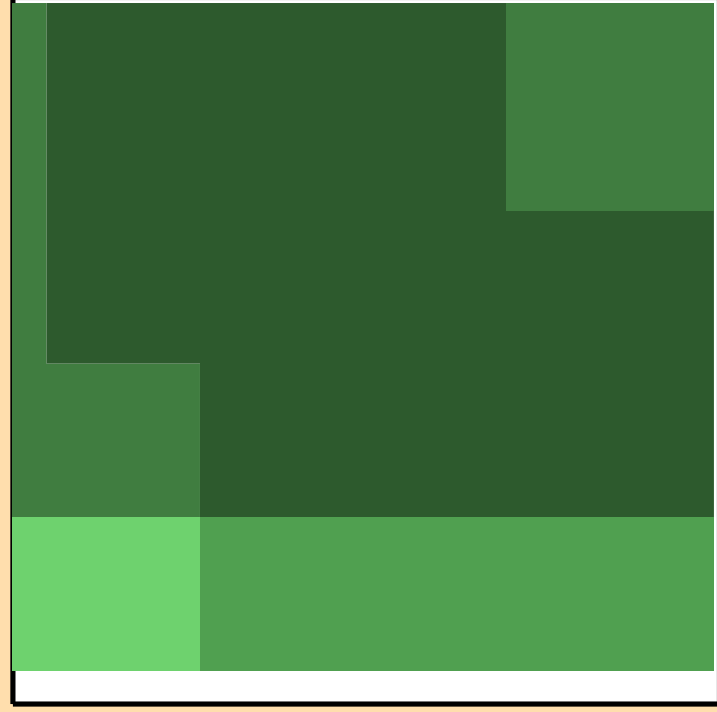
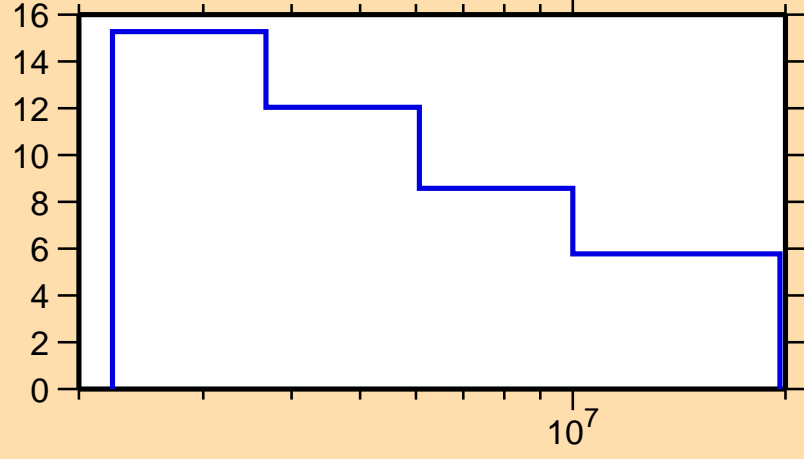
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

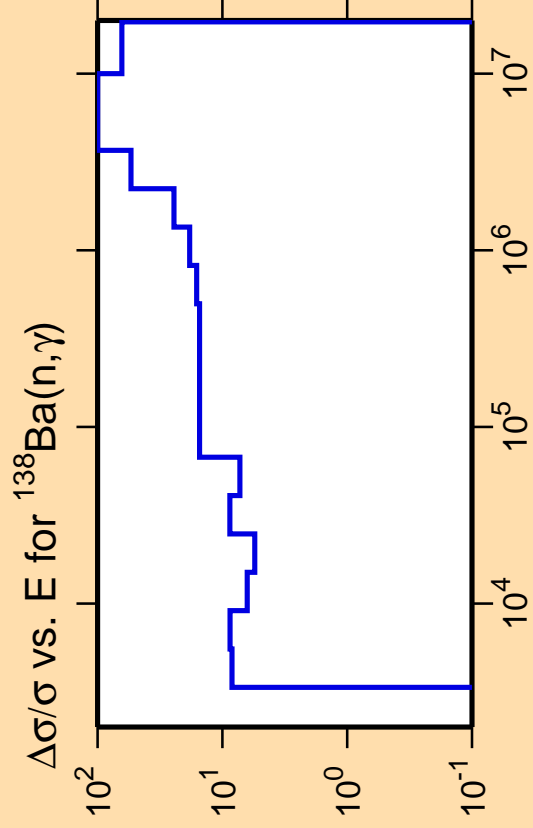
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{nonel.})$



Correlation Matrix



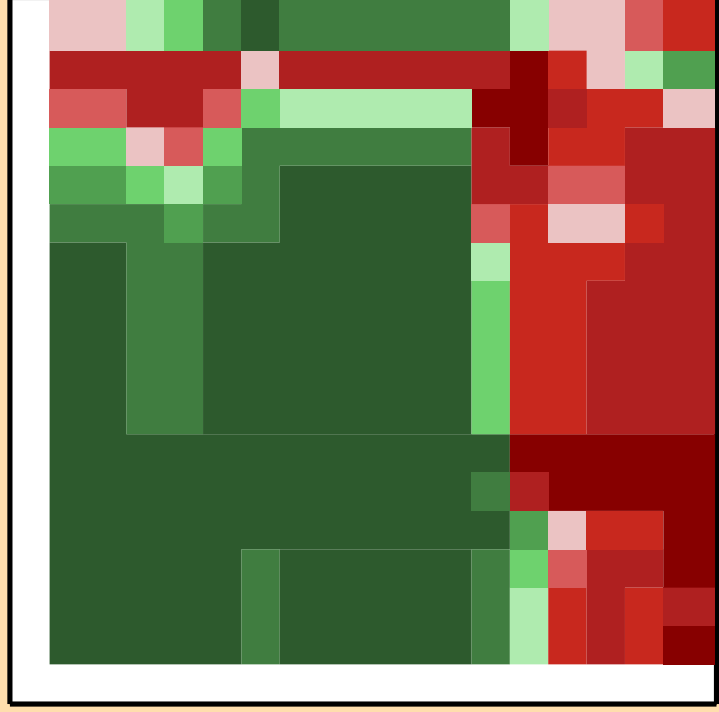
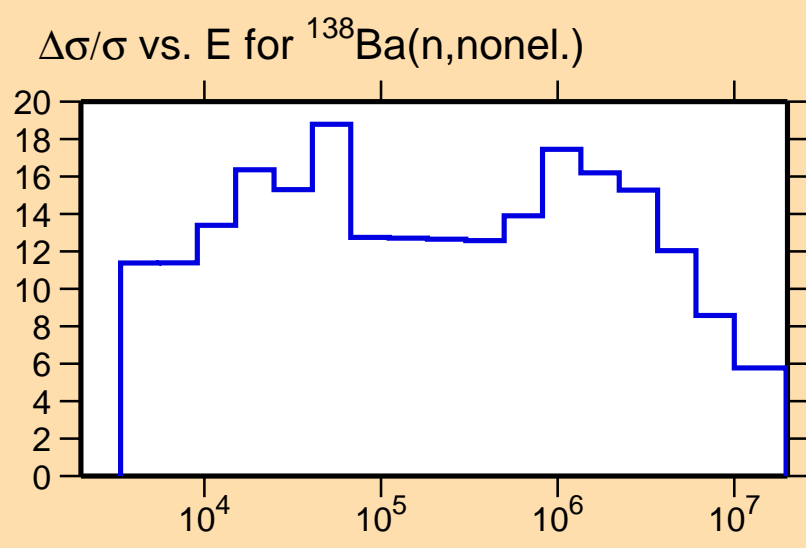




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

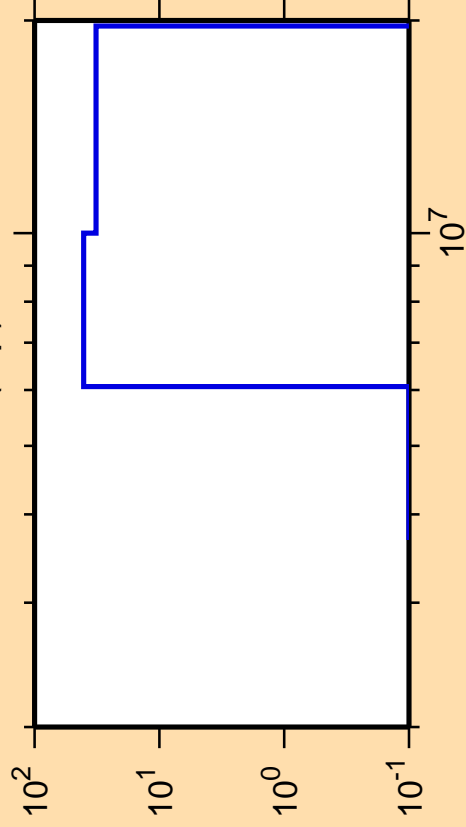
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

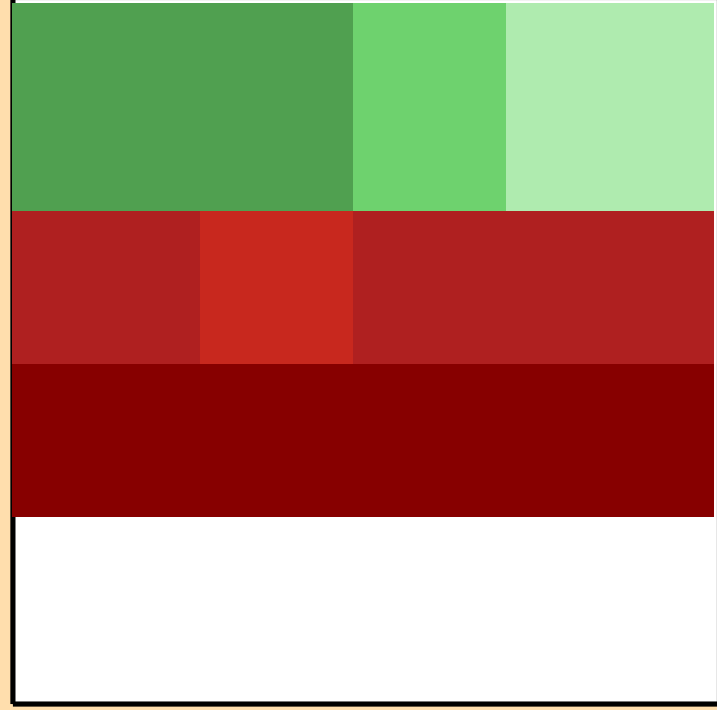
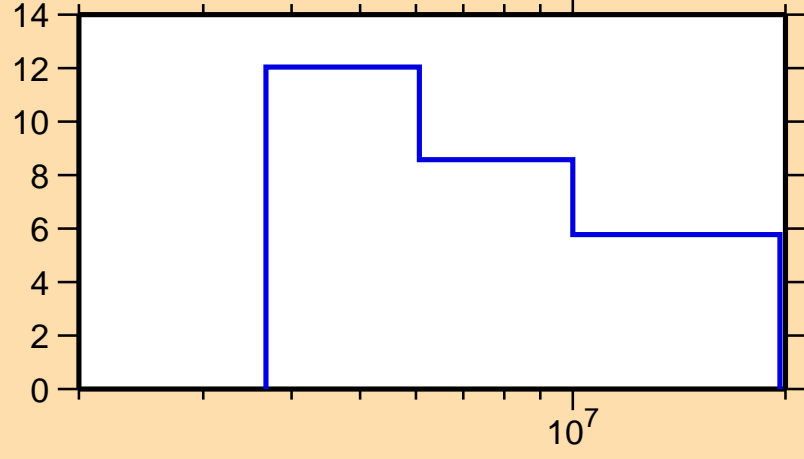


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

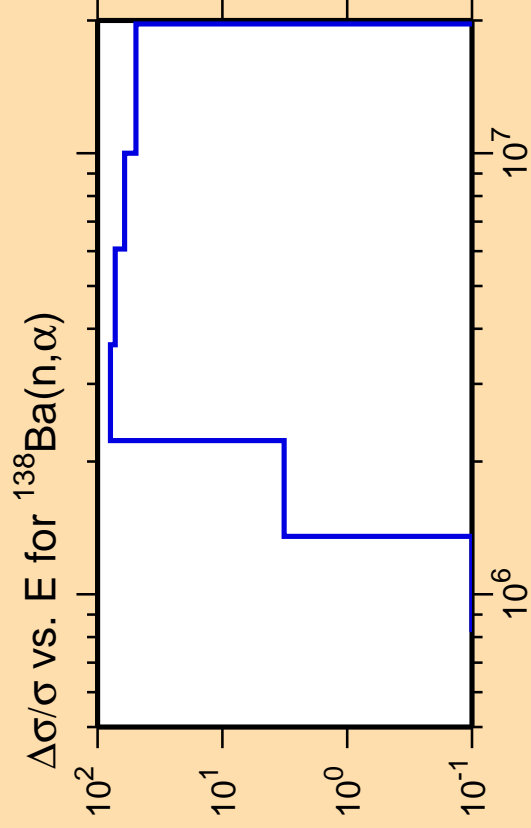
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$



Correlation Matrix

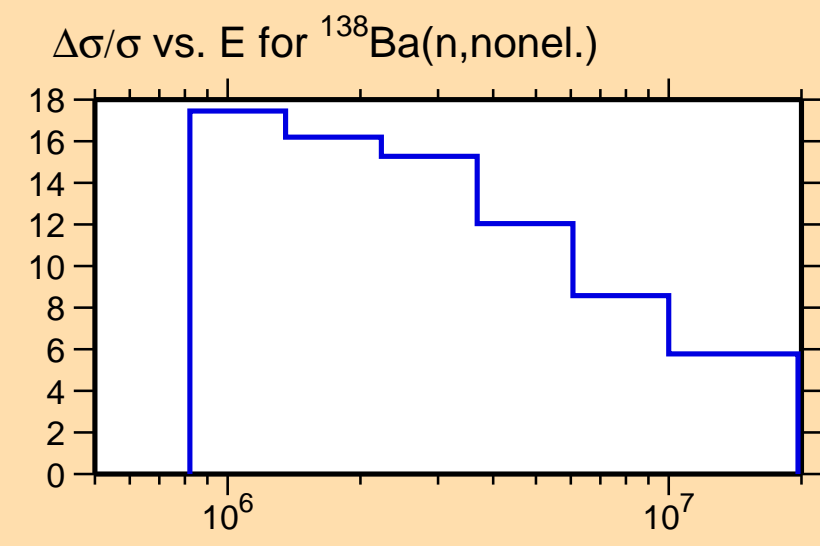




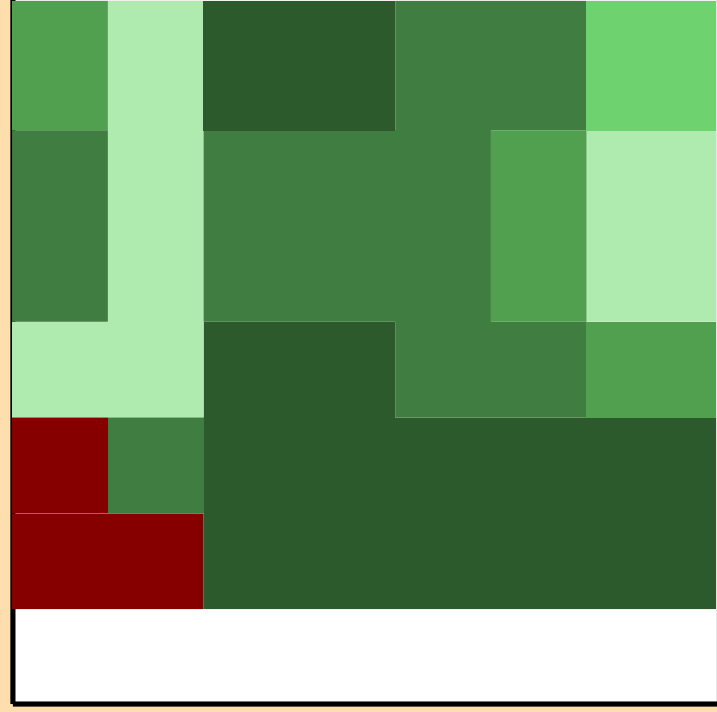
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



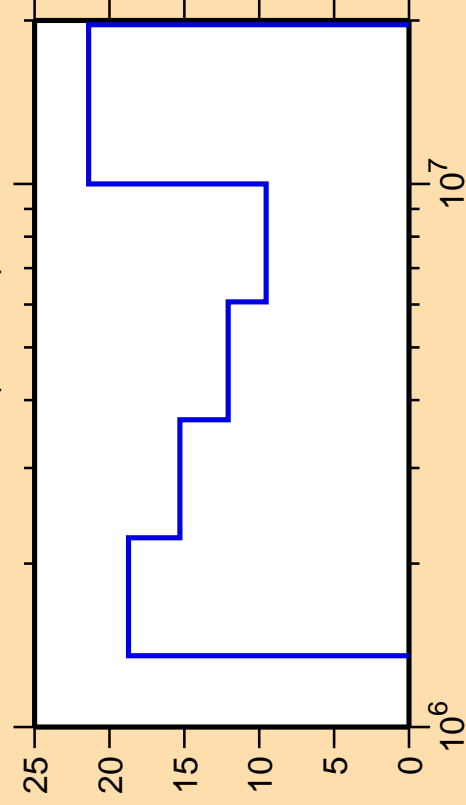
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nonel.})$



Correlation Matrix



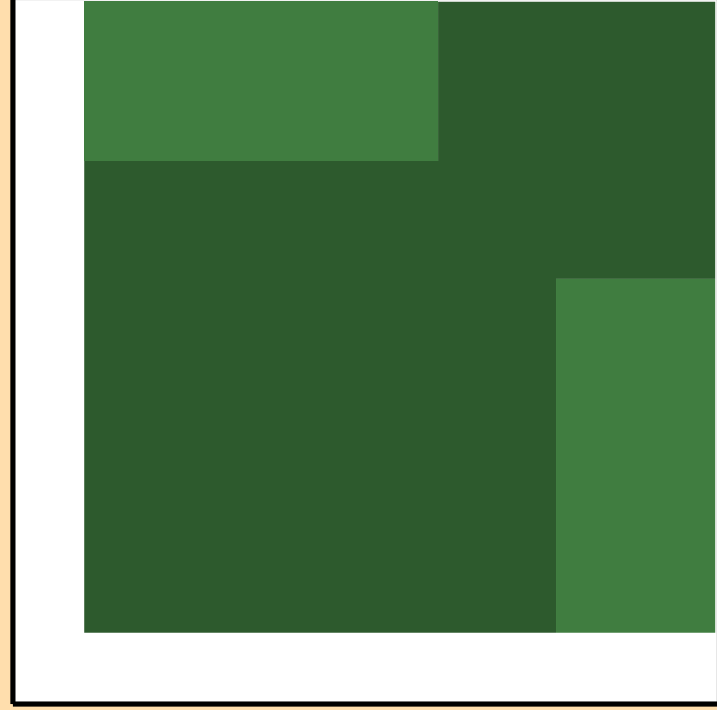
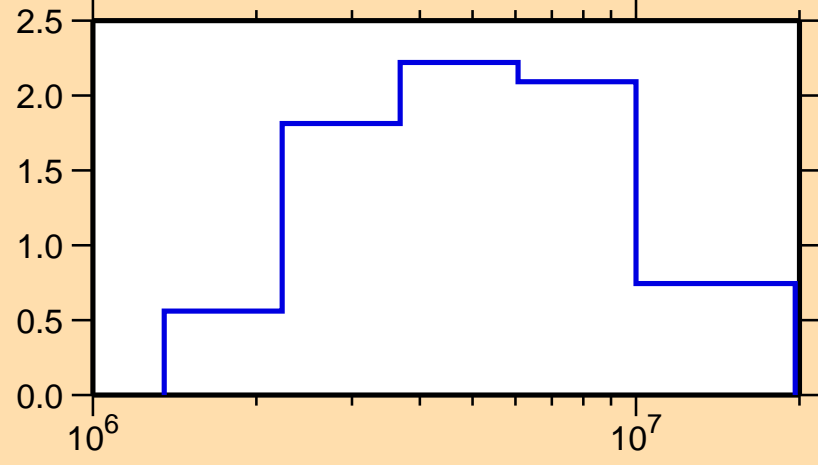
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

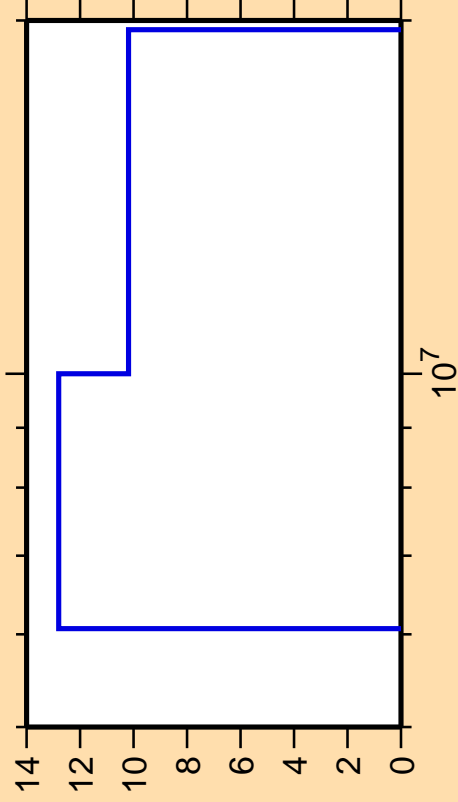
$\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Correlation Matrix



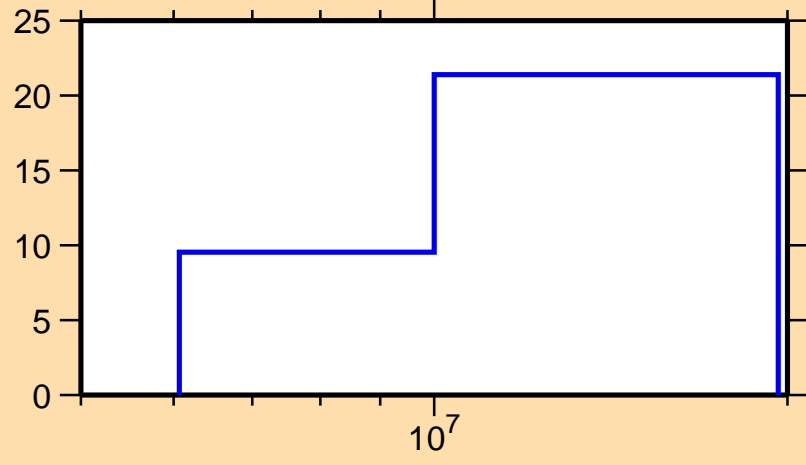
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$



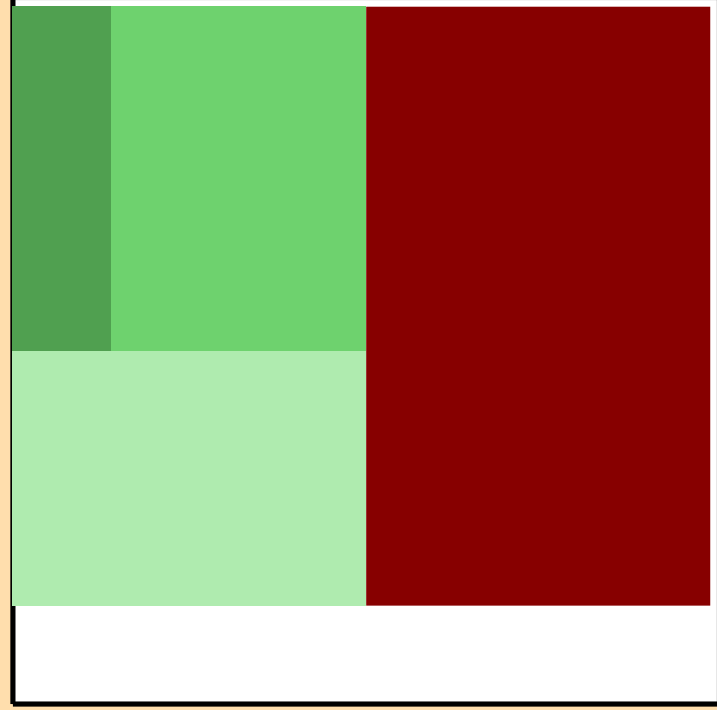
Ordinate scale is %  
relative standard deviation.

Abcissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$

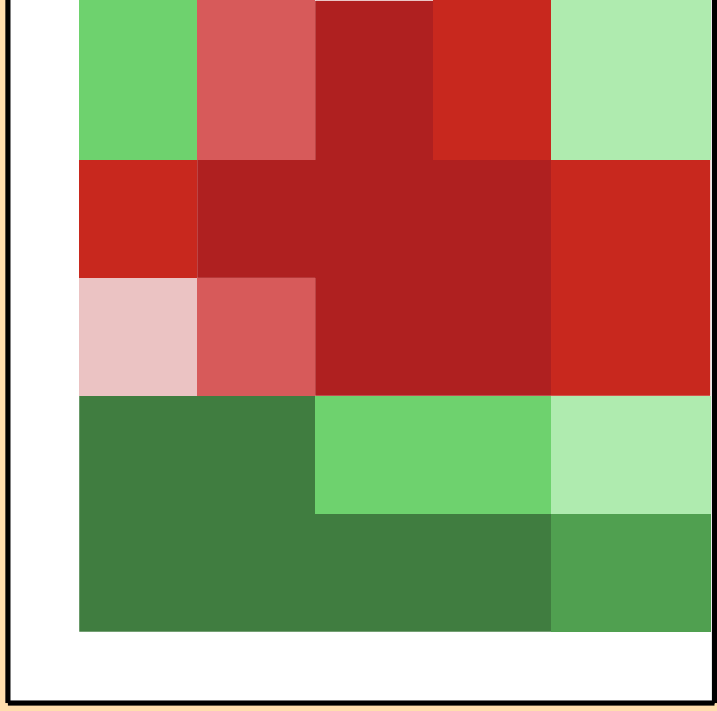
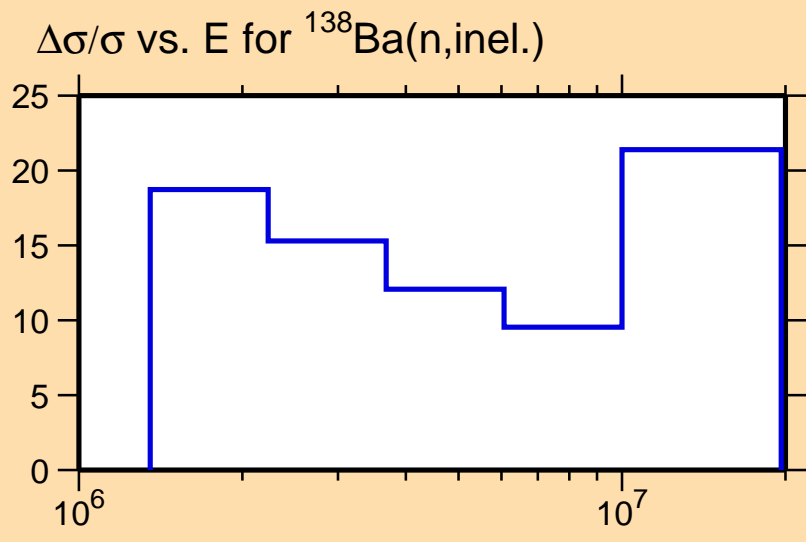
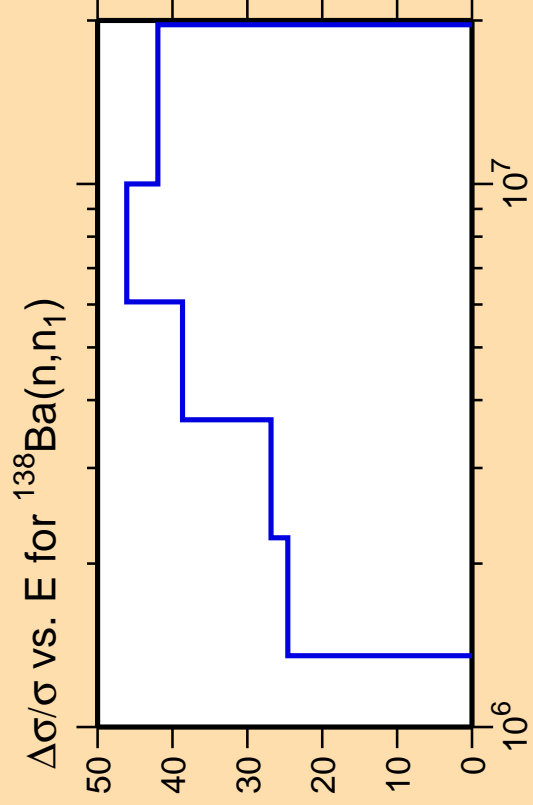


$10^7$



Correlation Matrix

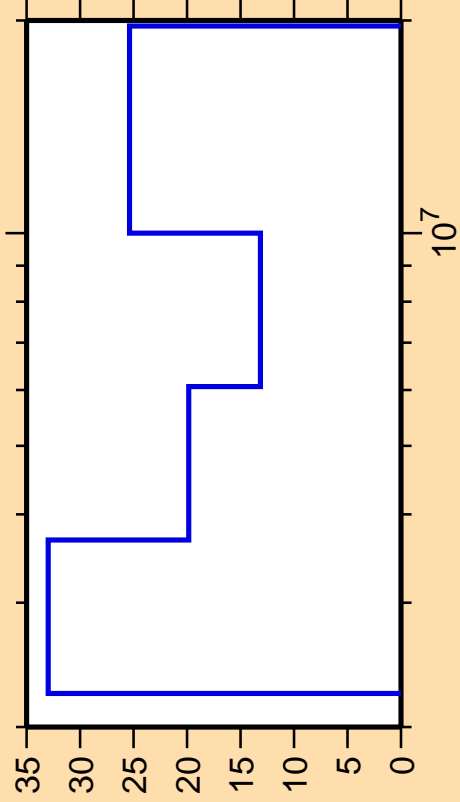




Correlation Matrix



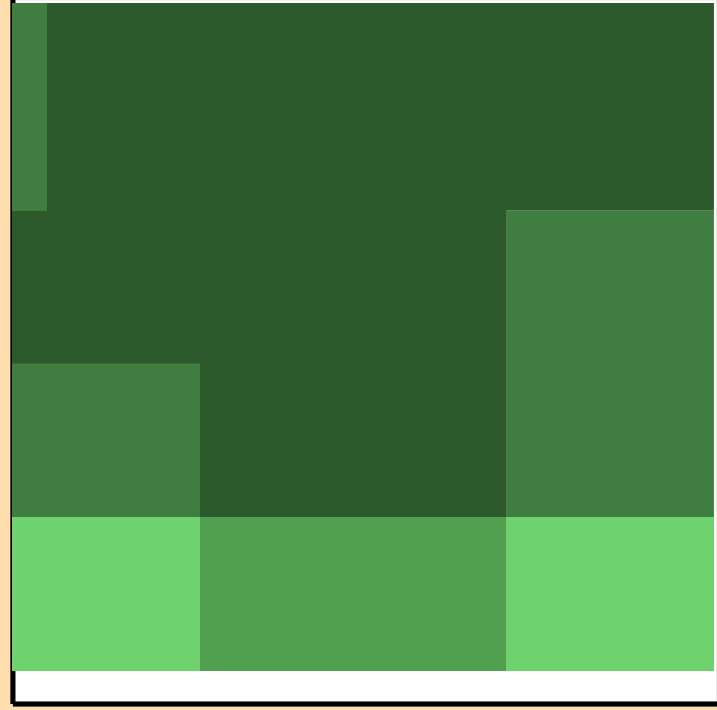
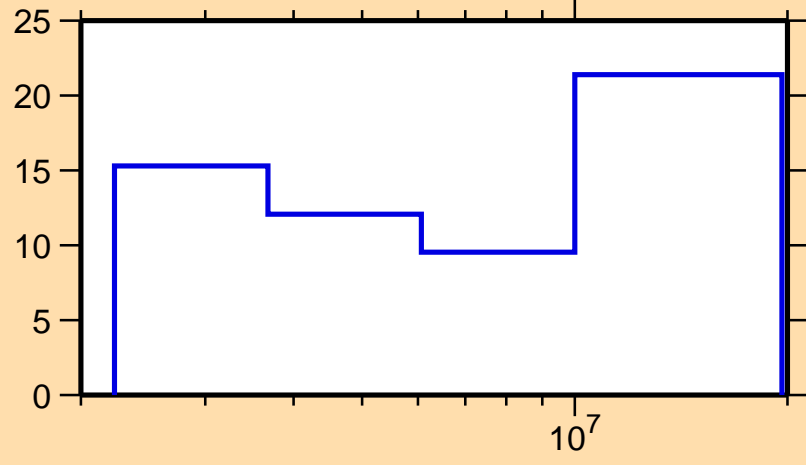
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



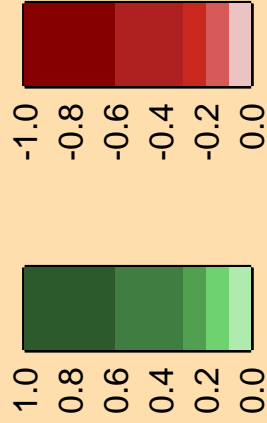
Ordinate scale is %  
relative standard deviation.

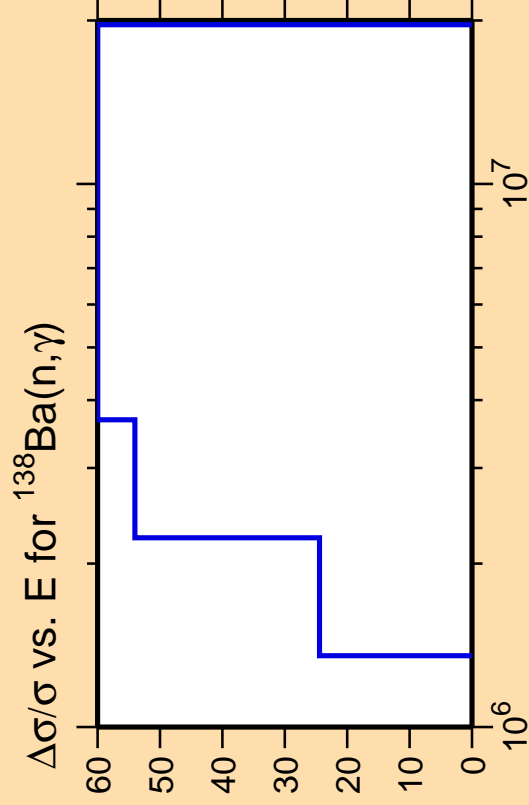
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Correlation Matrix

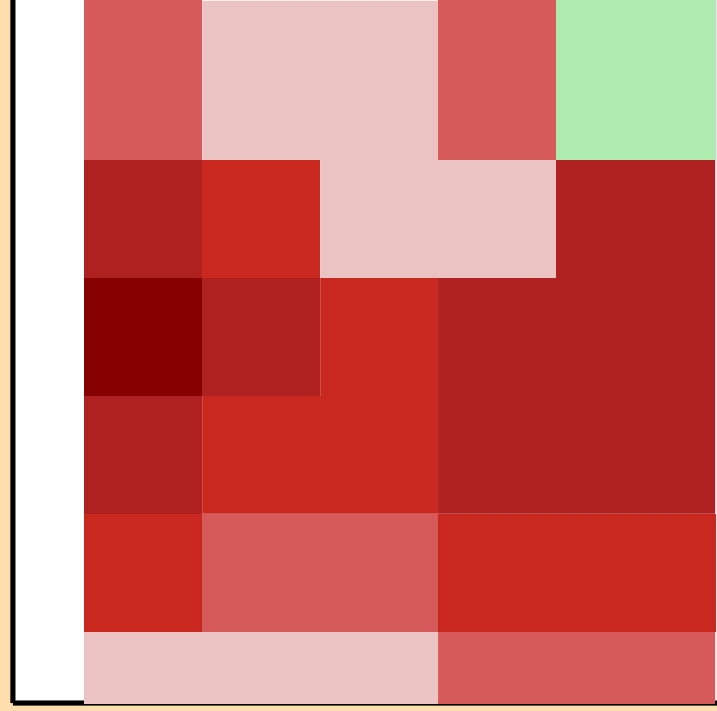
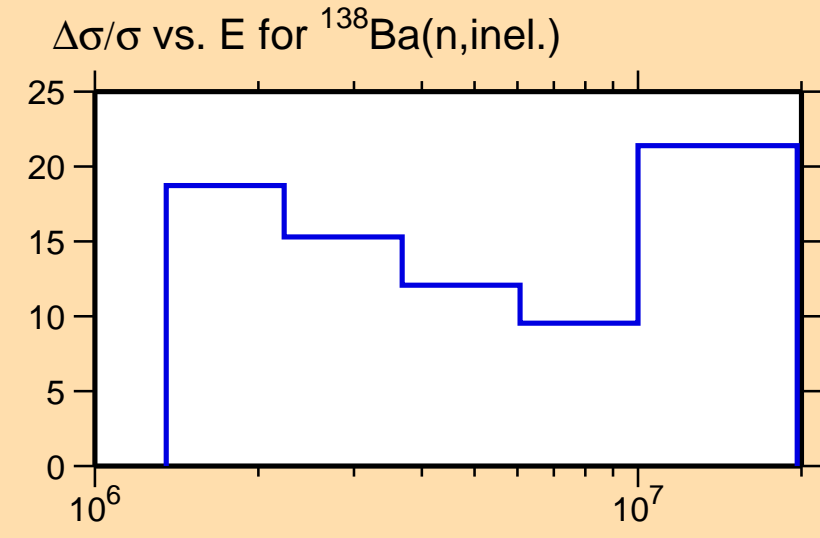




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

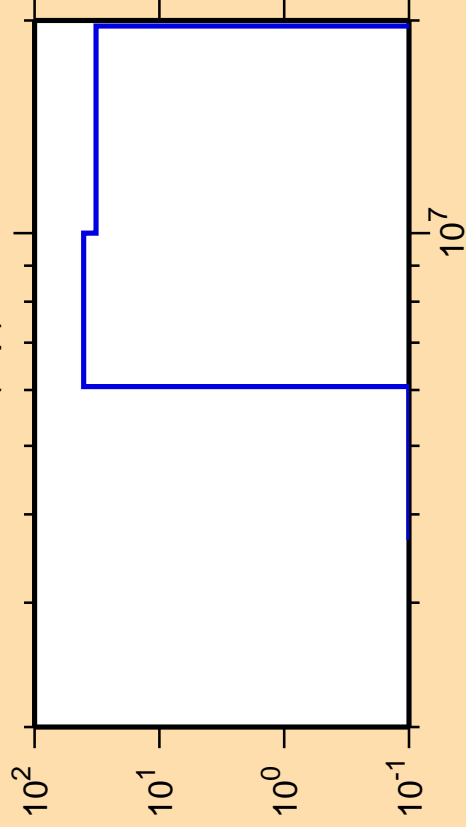


Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

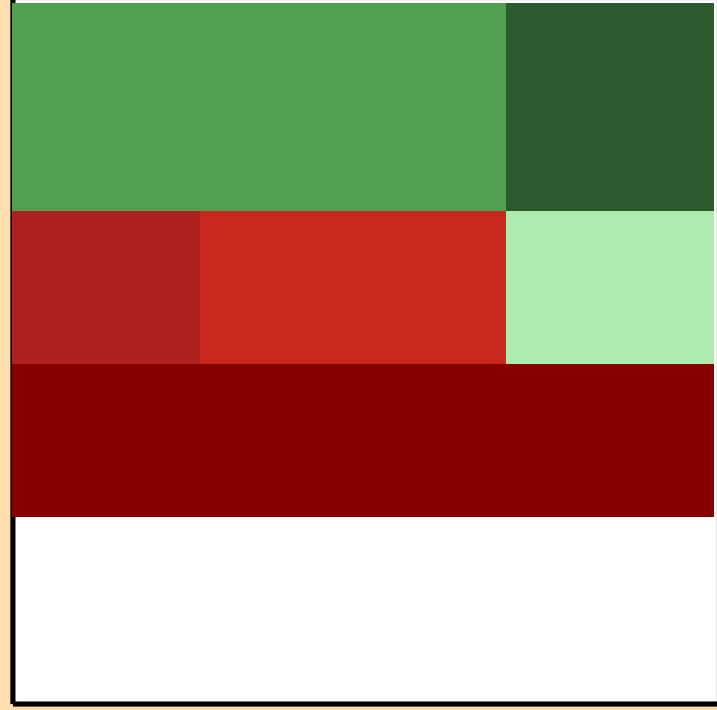
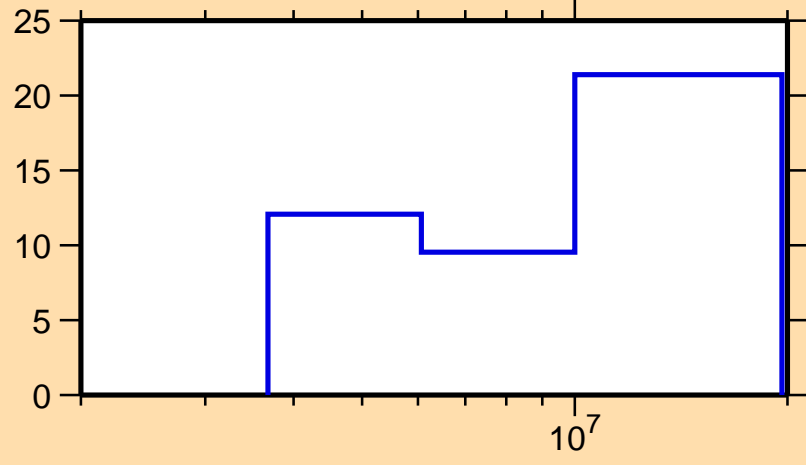


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

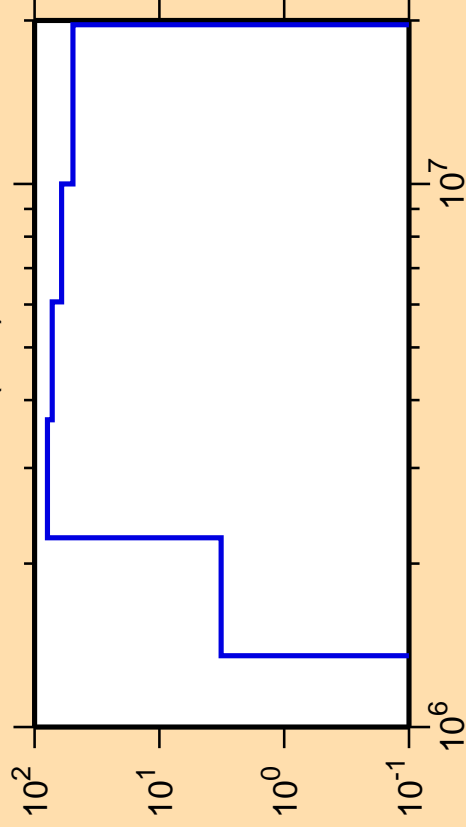
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Correlation Matrix



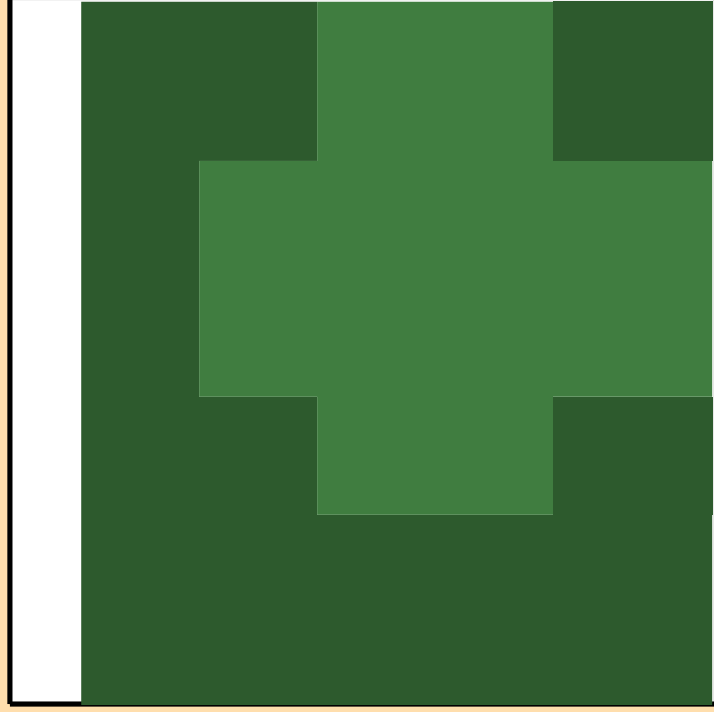
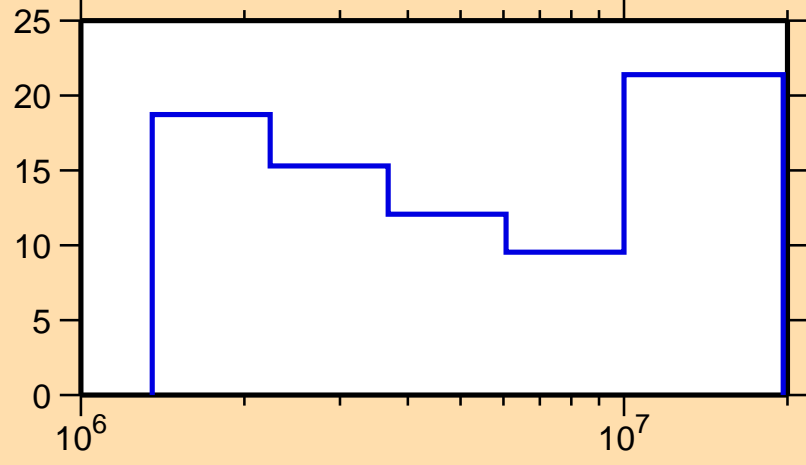
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\alpha)$



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

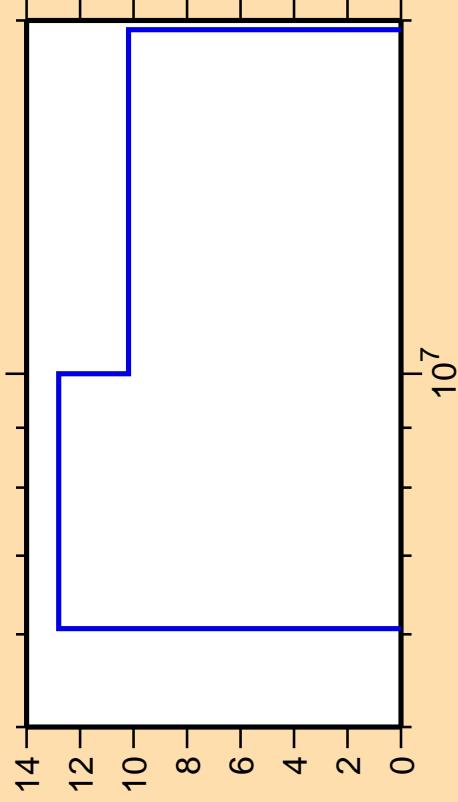
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{inel.})$



Correlation Matrix

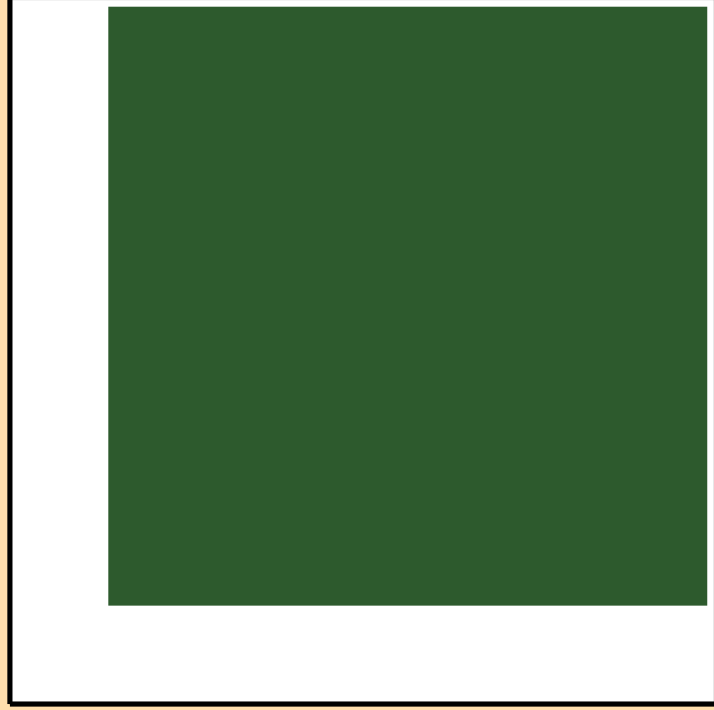


$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$

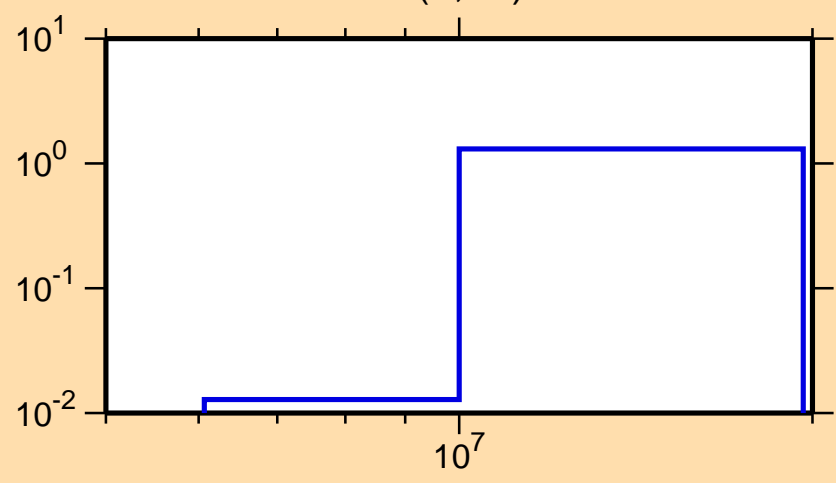


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).



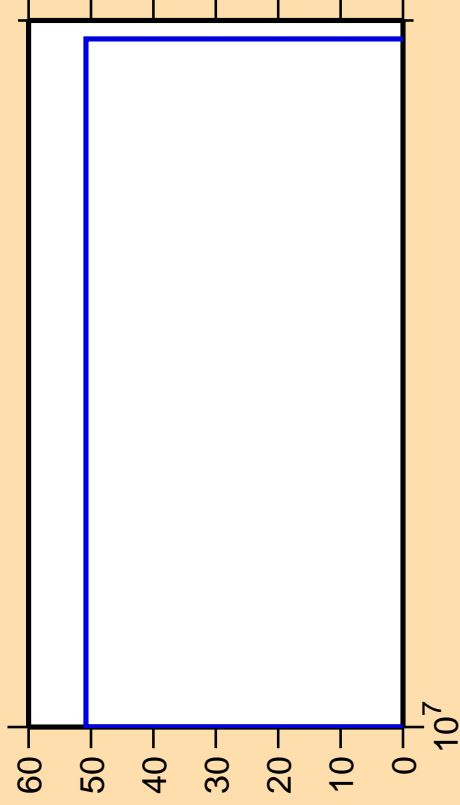
$\sigma$  vs. E for  $^{138}\text{Ba}(n,2n)$



Correlation Matrix



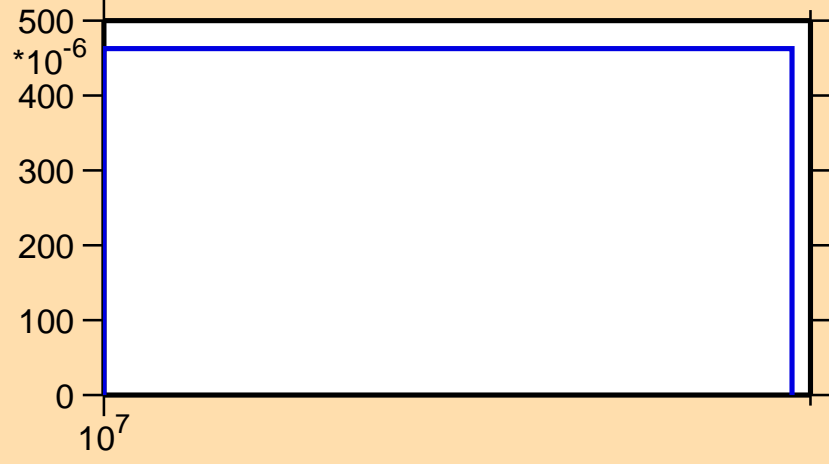
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,3n)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,3n)$



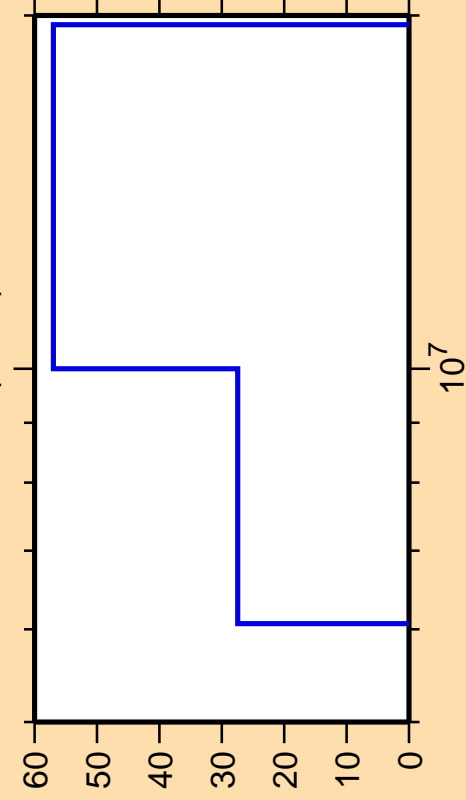
$10^7$

$10^7$

Correlation Matrix



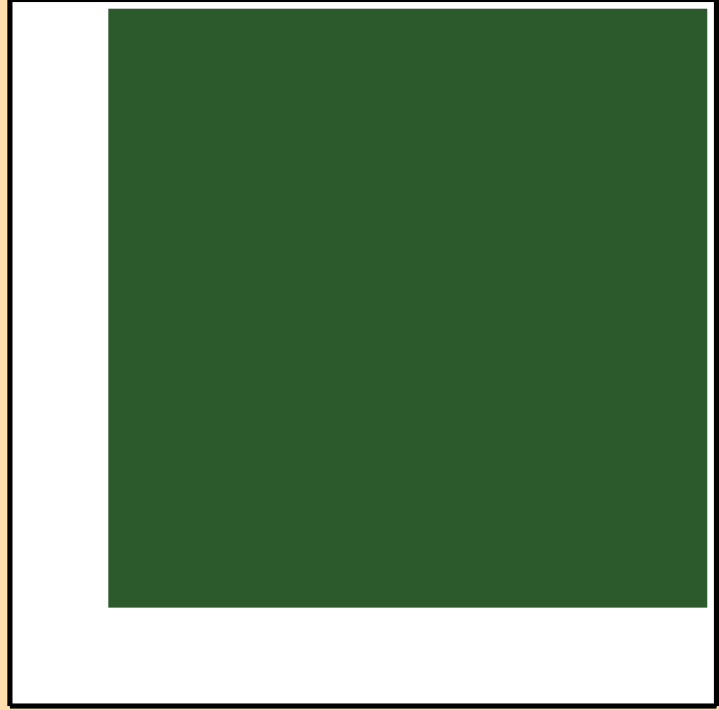
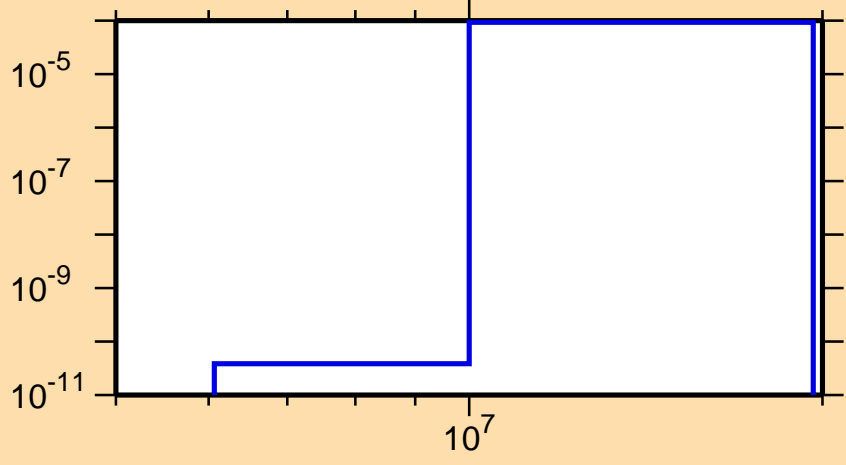
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\alpha)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

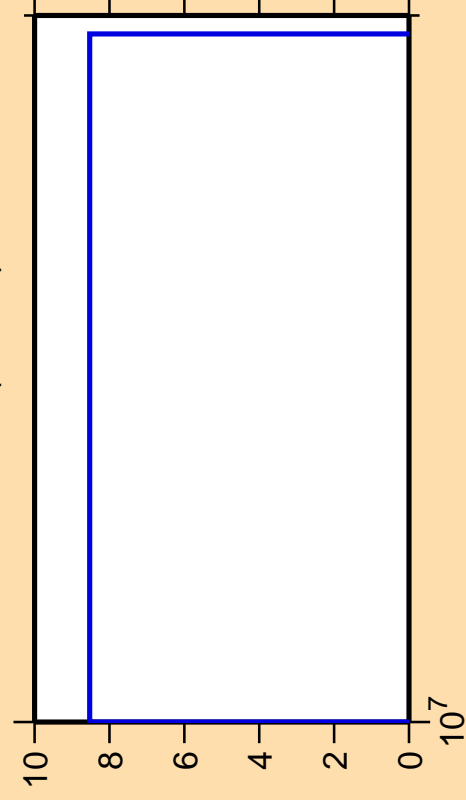
$\sigma$  vs. E for  $^{138}\text{Ba}(n,n\alpha)$



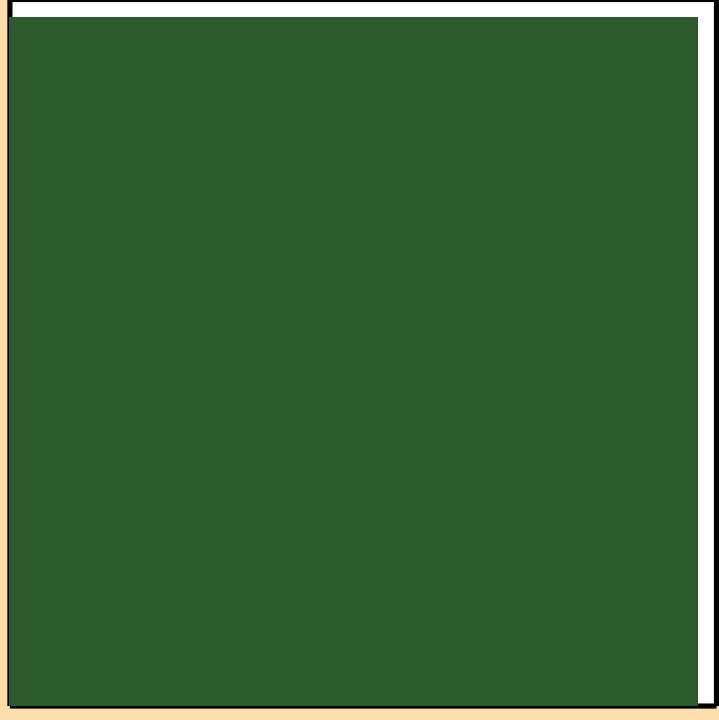
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2n\alpha)$



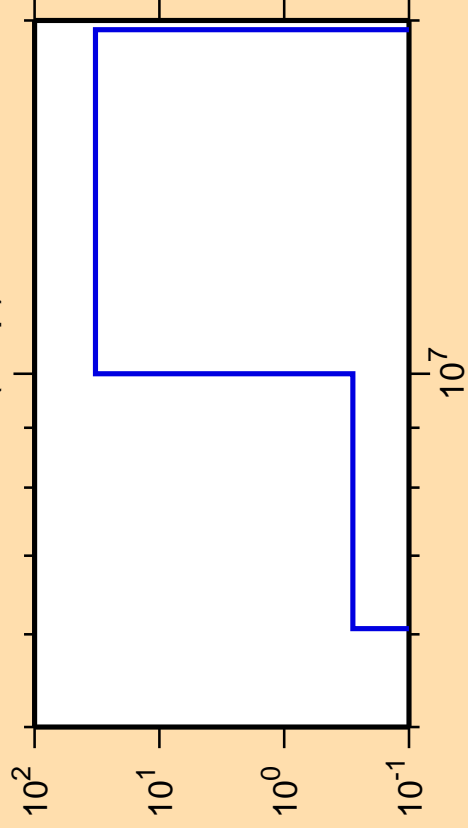
$\sigma$  vs. E for  $^{138}\text{Ba}(n,2n\alpha)$



Correlation Matrix



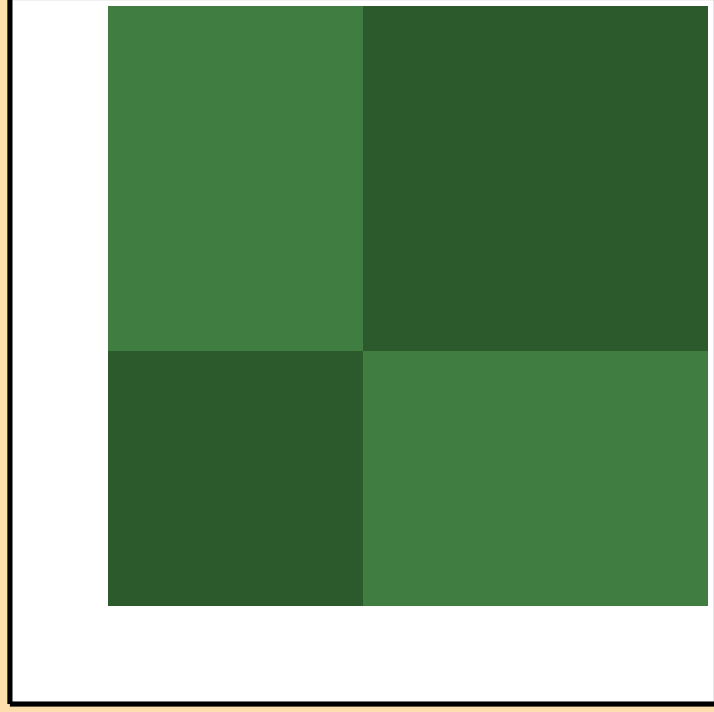
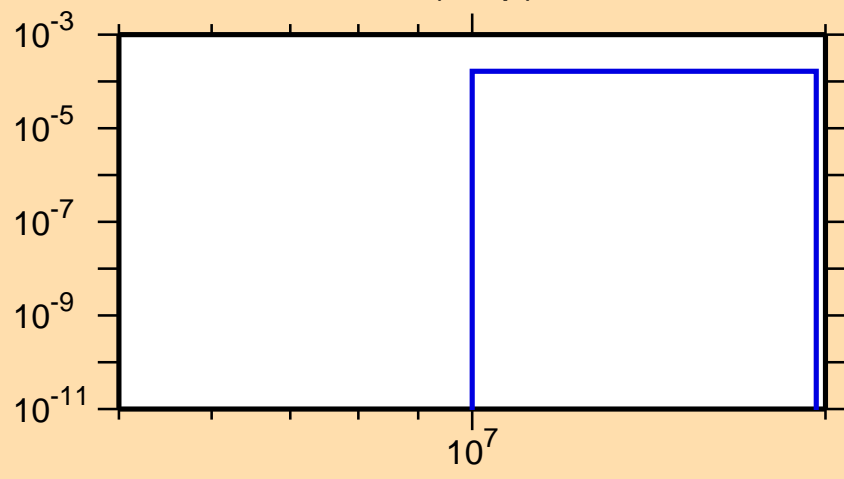
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,np)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,np)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nd})$

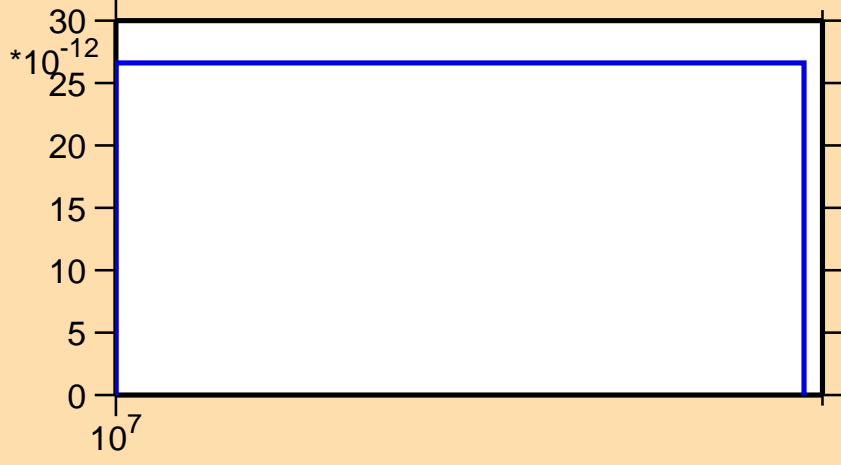


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{nd})$



$10^7$

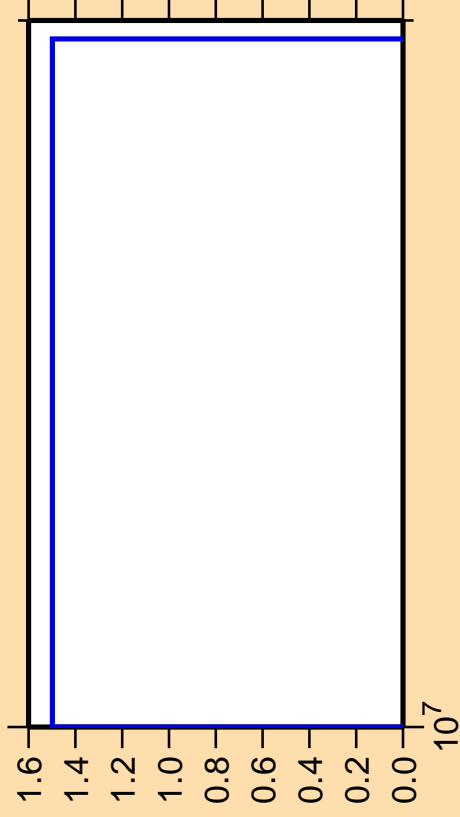
$\times 10^{-12}$

Correlation Matrix





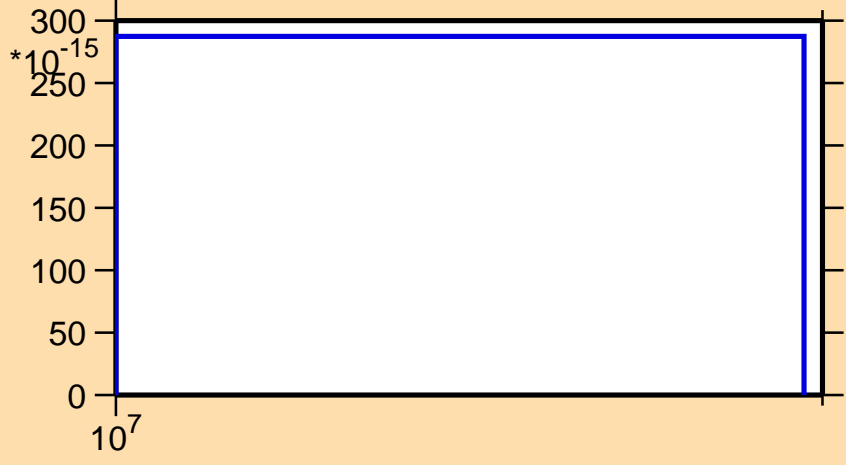
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,nt)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

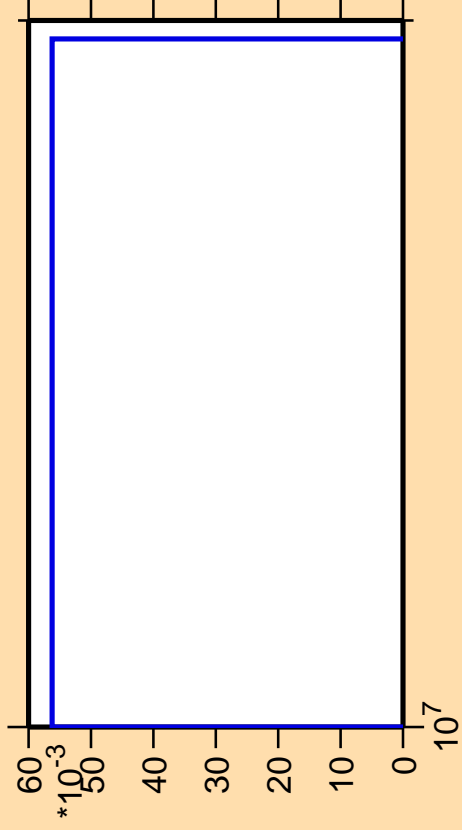
$\sigma$  vs. E for  $^{138}\text{Ba}(n,nt)$



Correlation Matrix



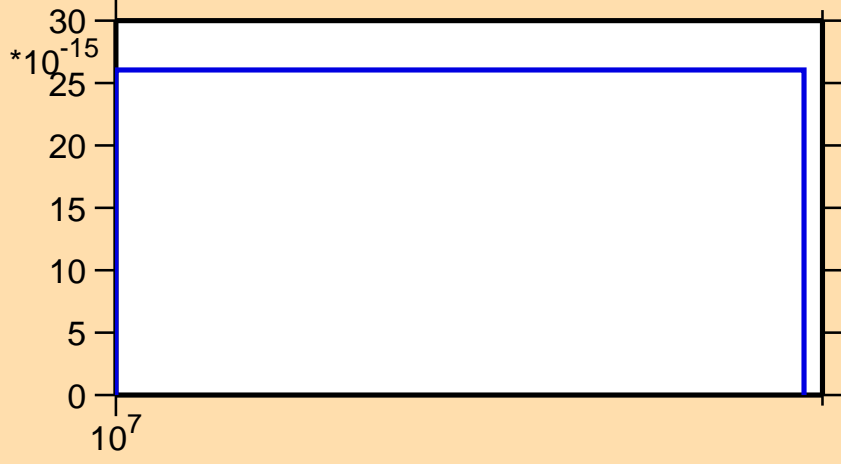
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,2np)$



Ordinate scales are % relative standard deviation and barns.

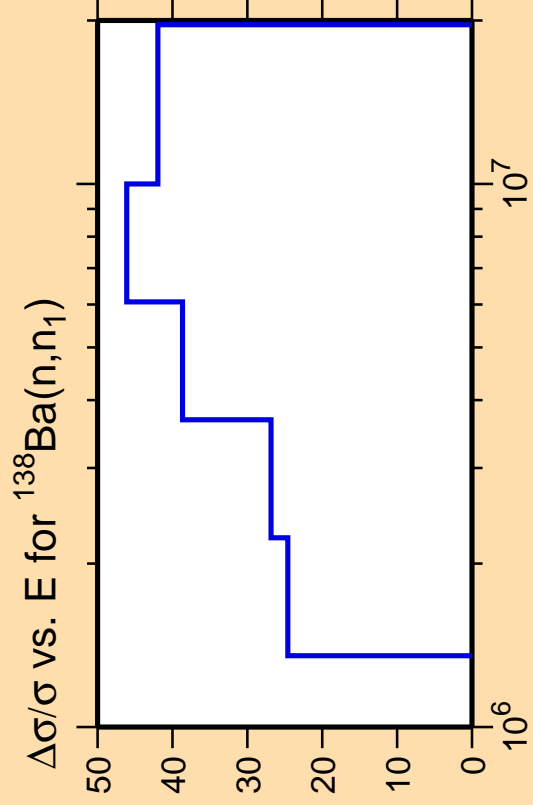
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,2np)$



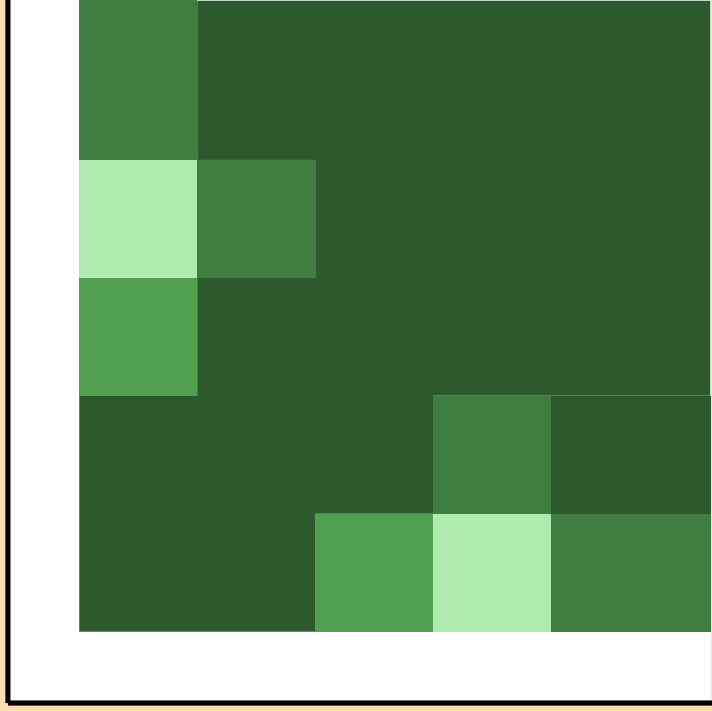
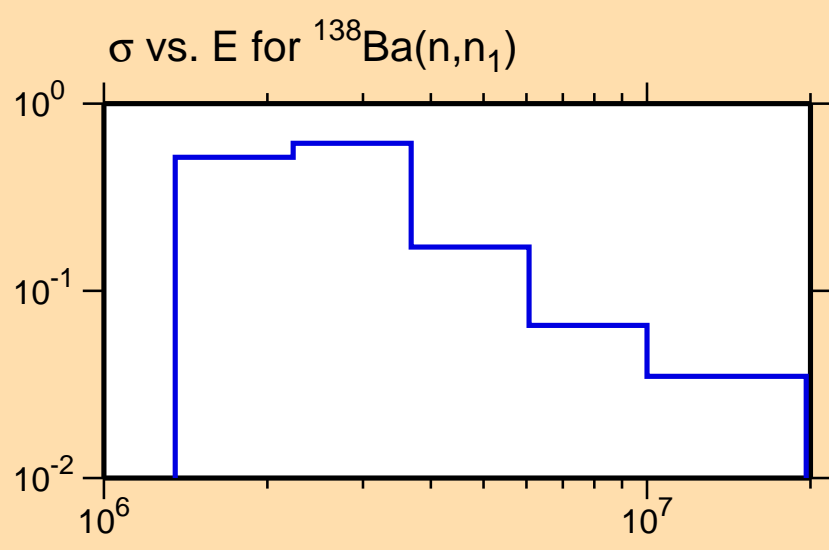
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

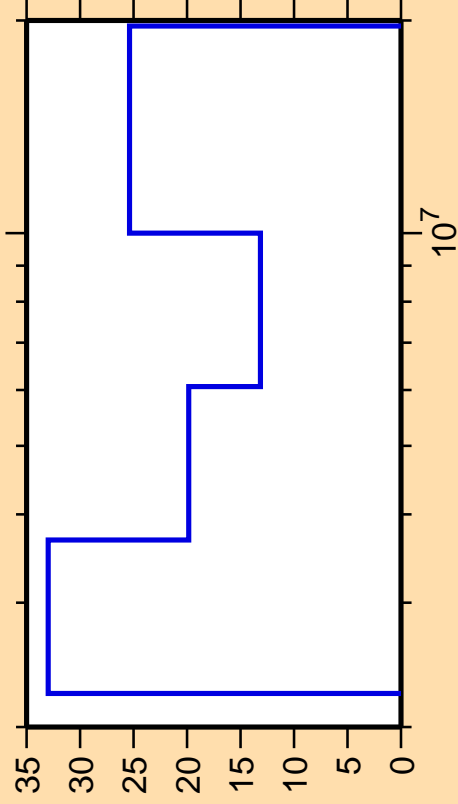
Abscissa scales are energy (eV).



Correlation Matrix



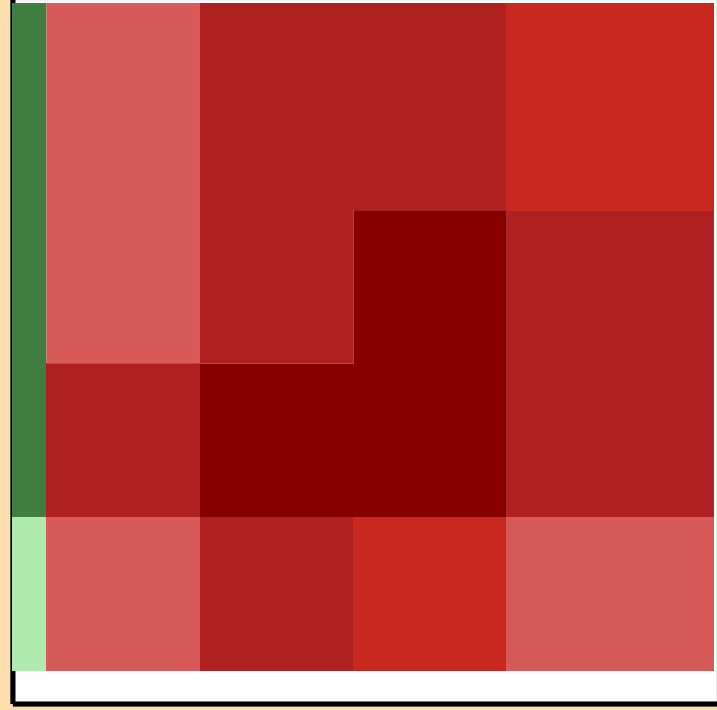
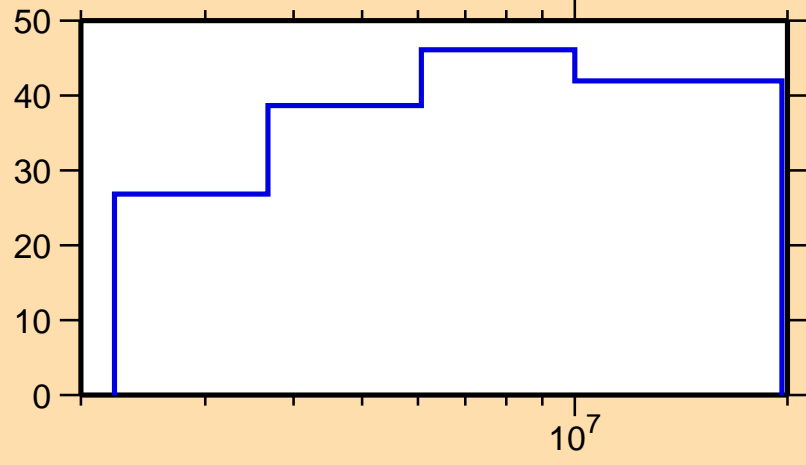
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n_{\text{cont}})$ .



Ordinate scale is %  
relative standard deviation.

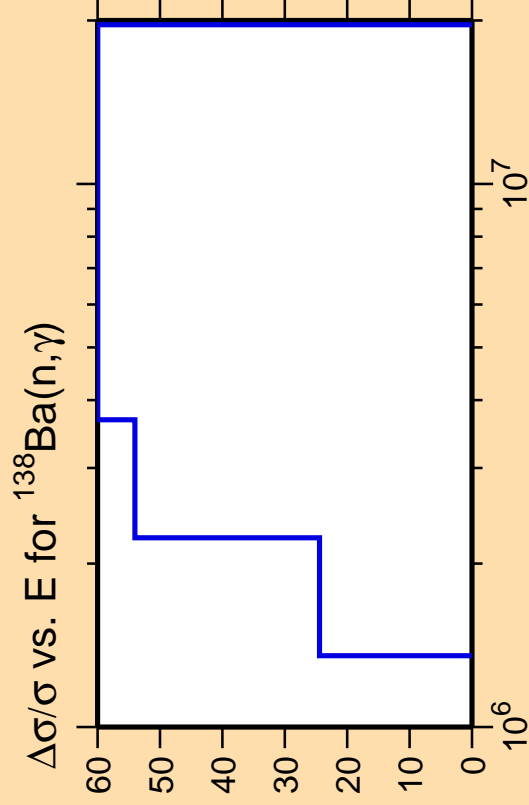
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n_1)$



Correlation Matrix

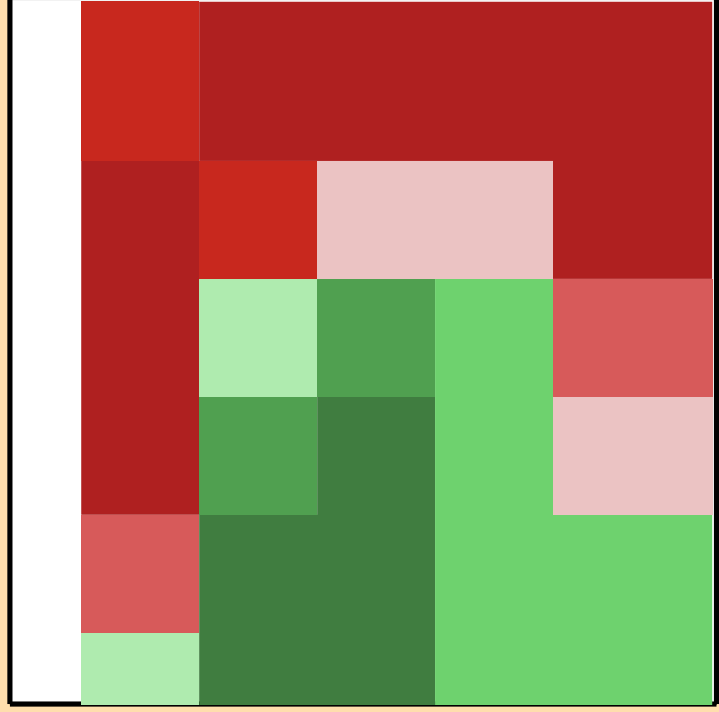
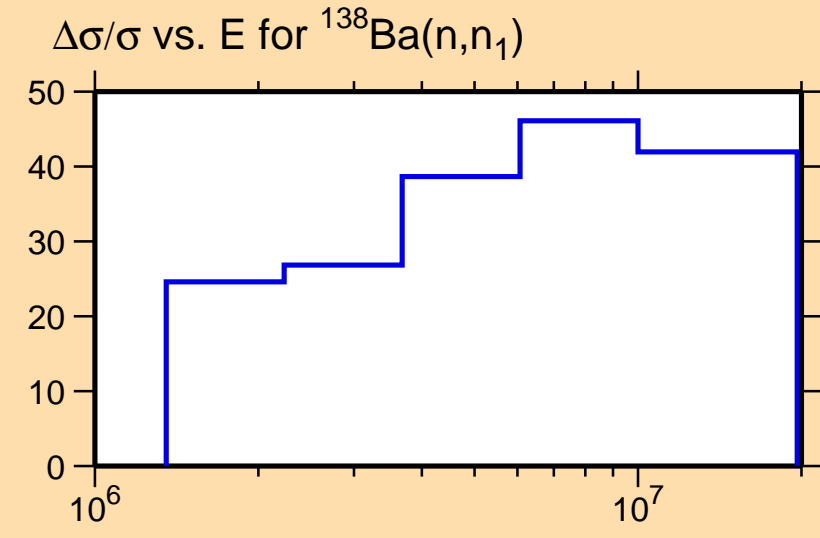




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

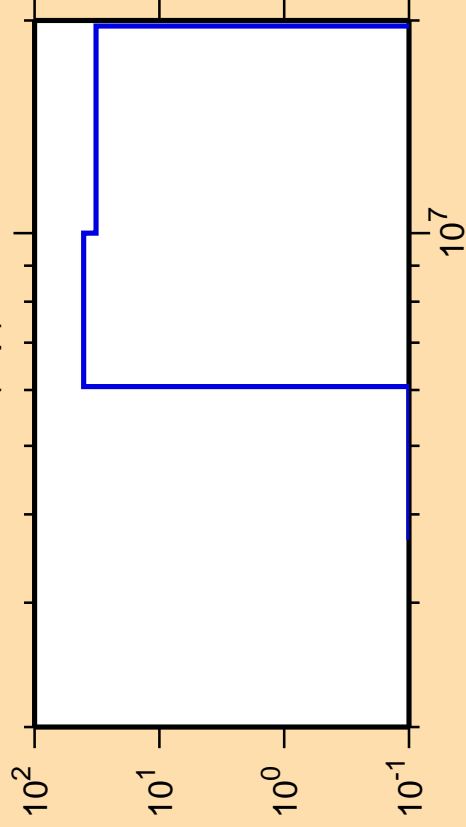
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

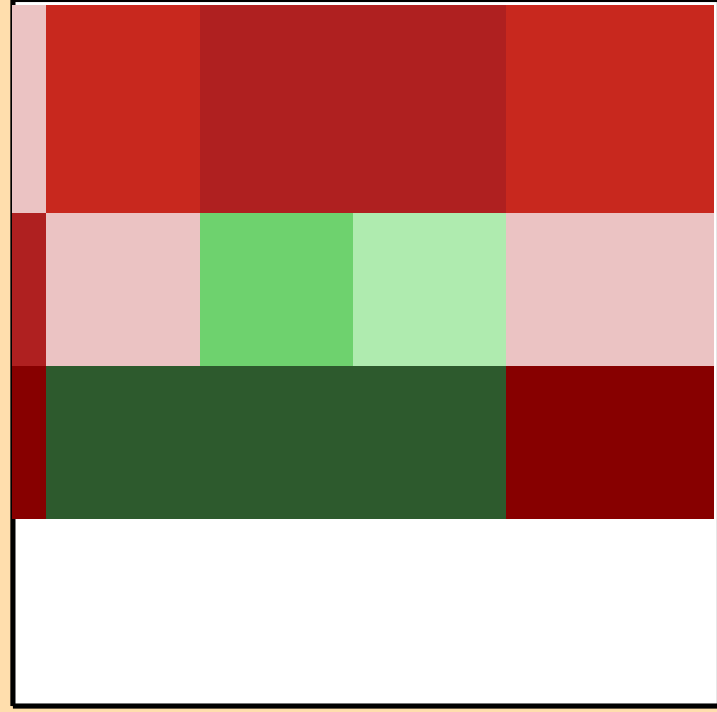
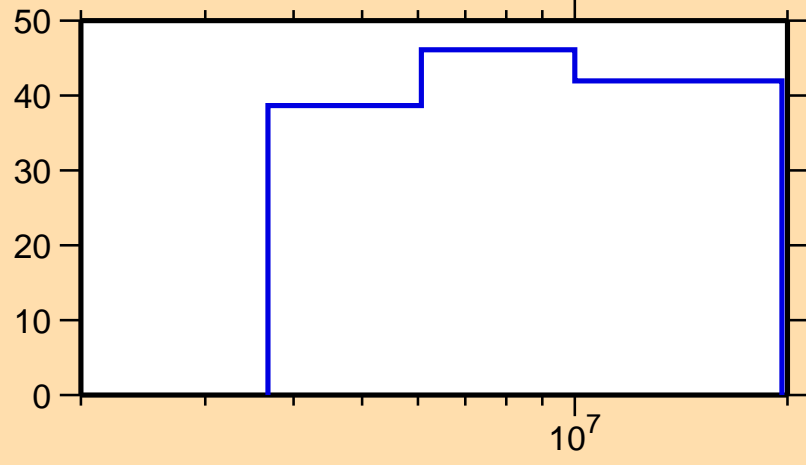


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

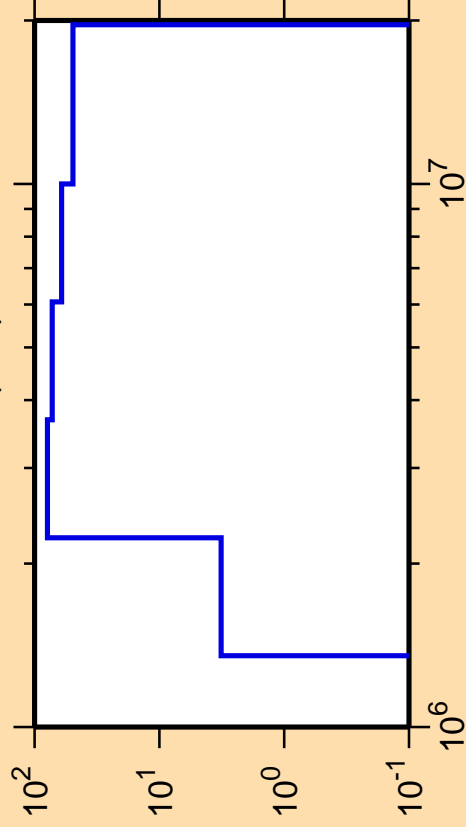
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n_1)$



Correlation Matrix



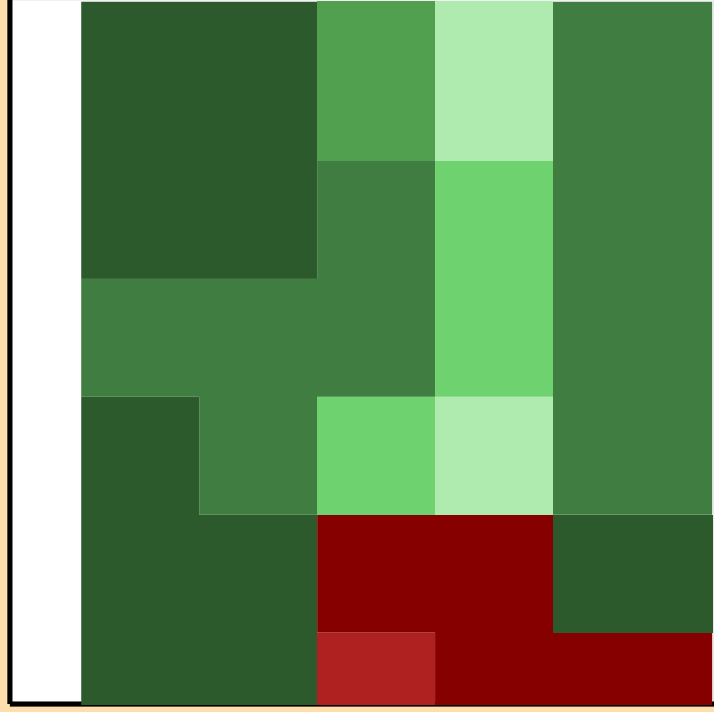
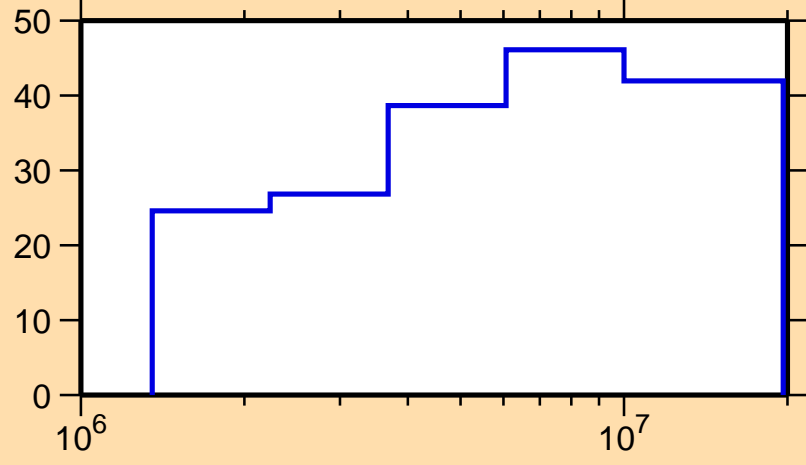
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\alpha)$



Ordinate scale is %  
relative standard deviation.

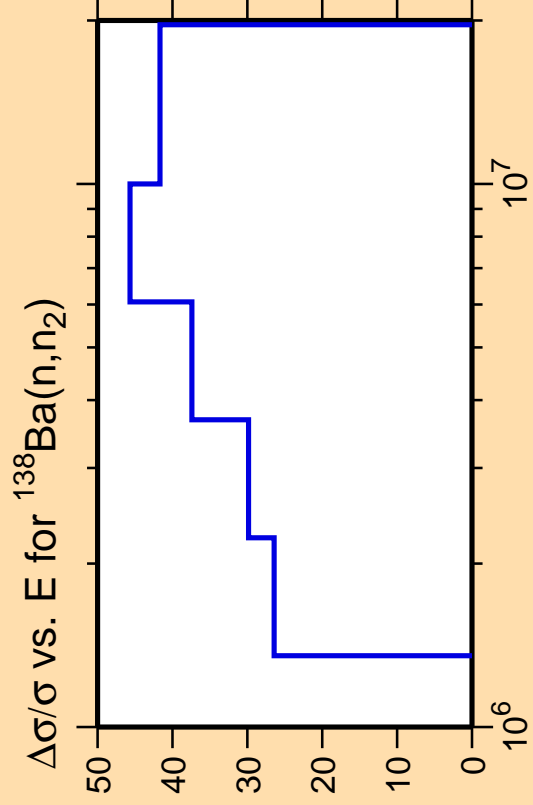
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n_1)$



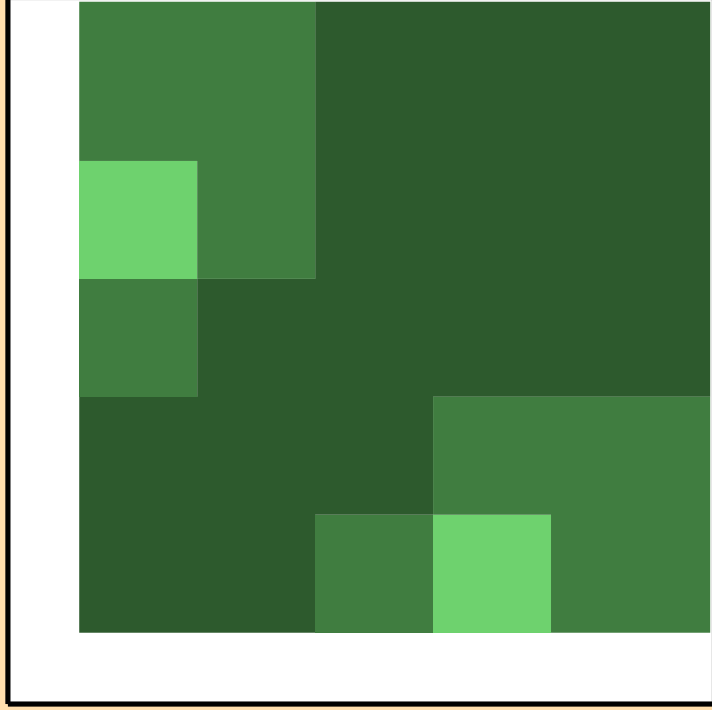
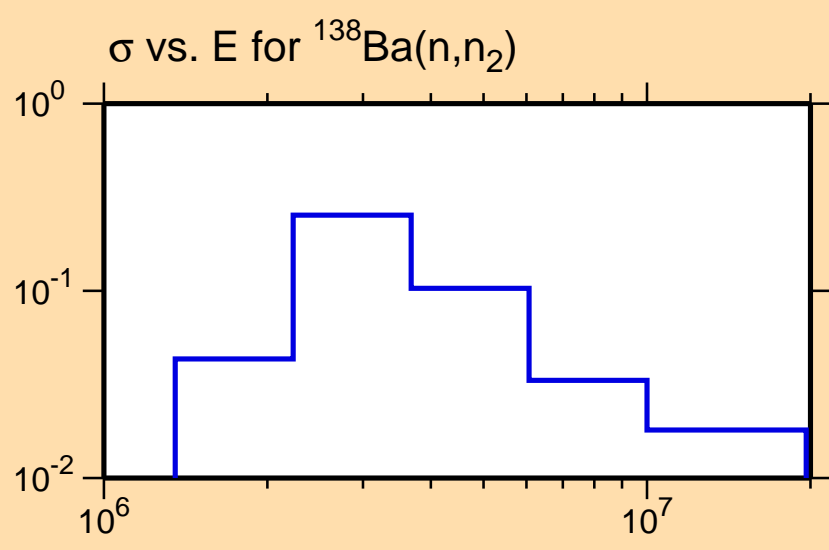
Correlation Matrix





Ordinate scales are % relative standard deviation and barns.

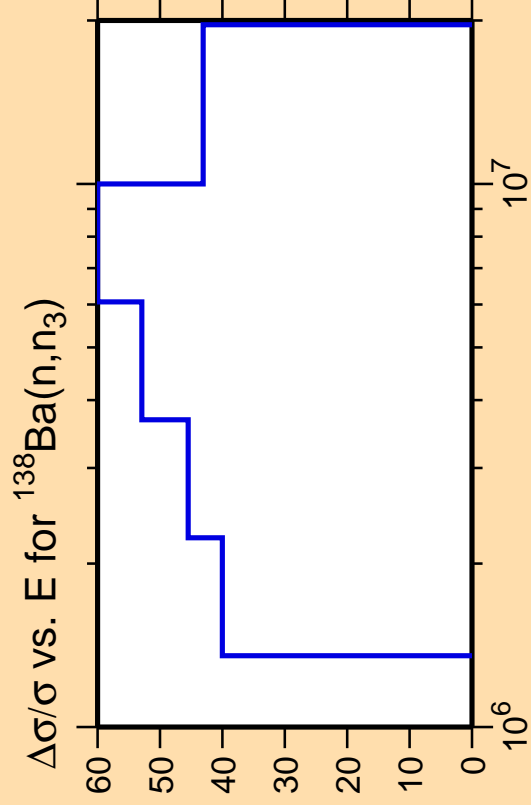
Abscissa scales are energy (eV).



Correlation Matrix



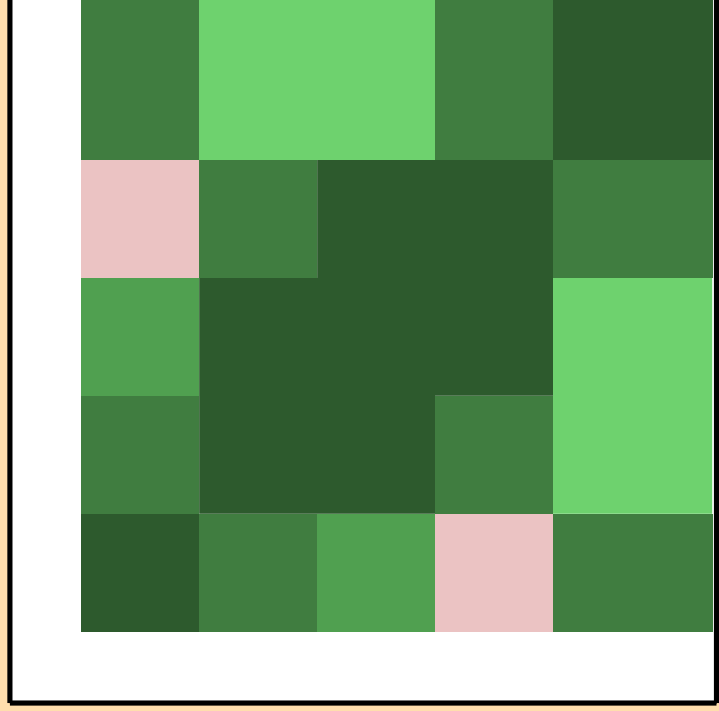
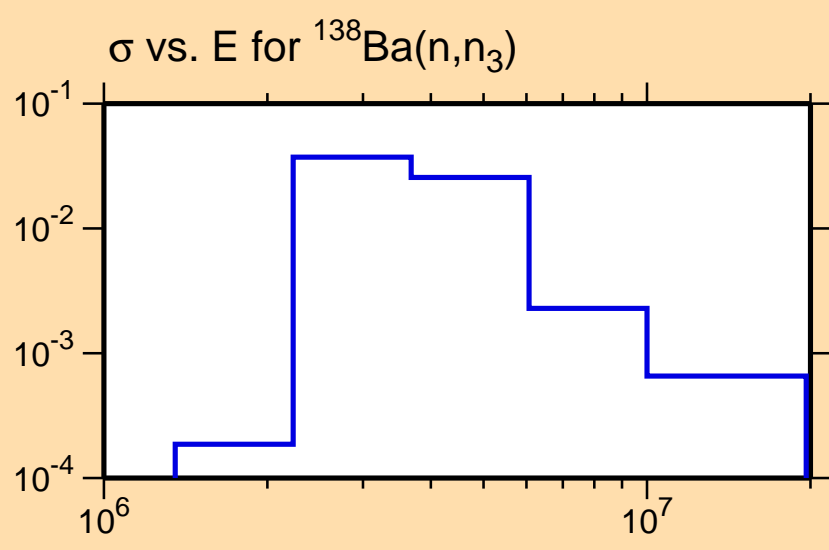




Ordinate scales are % relative standard deviation and barns.

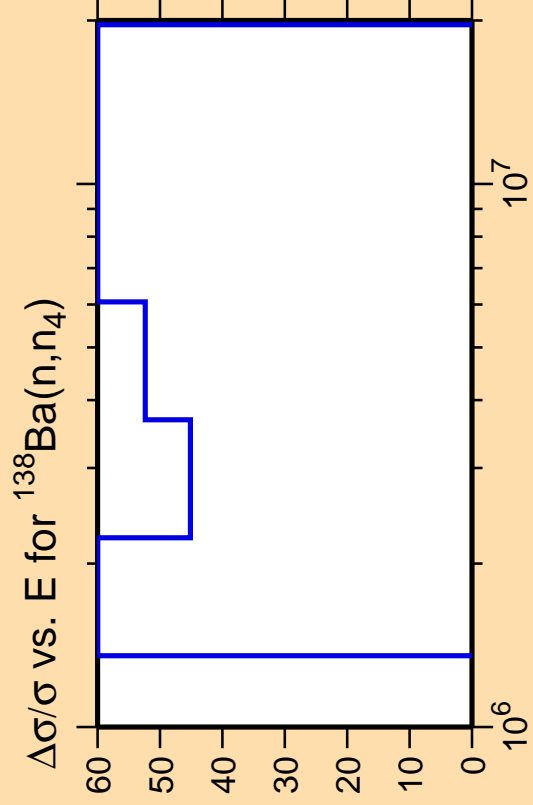
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

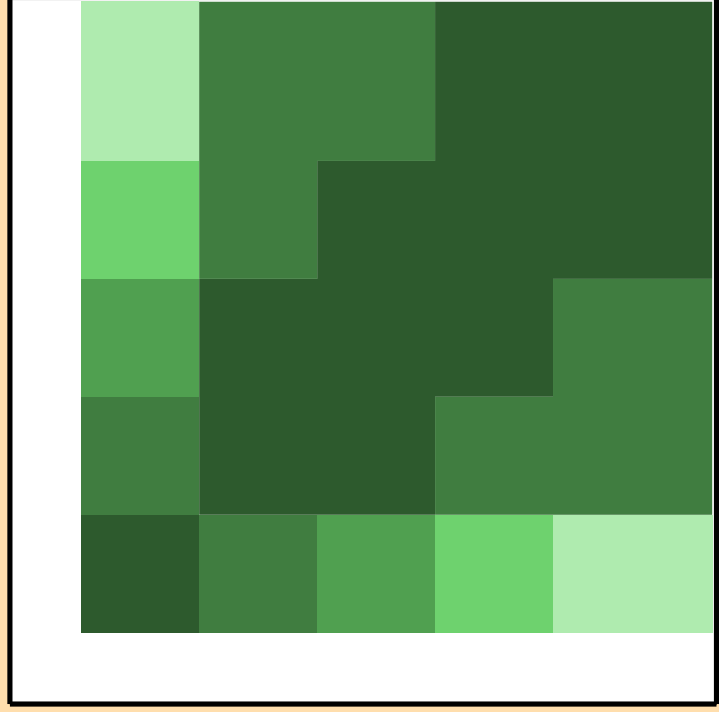
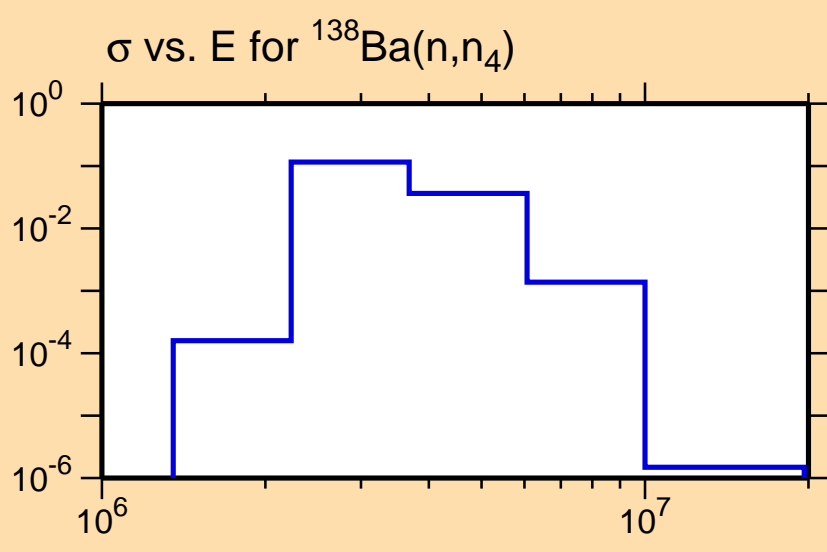




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

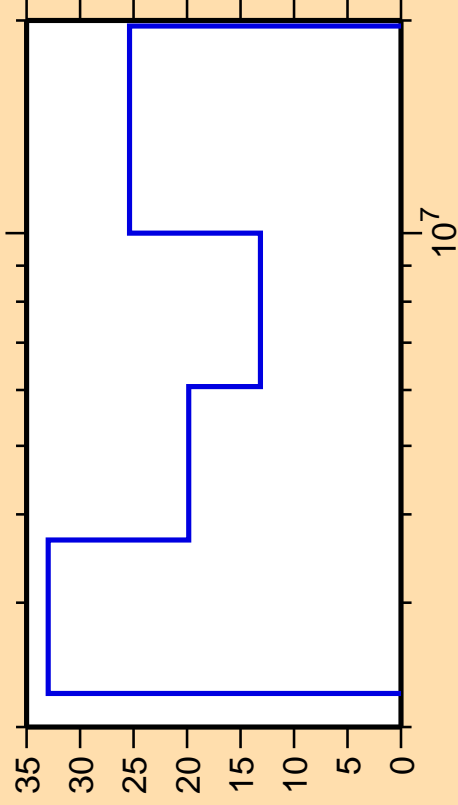
Warning: some uncertainty data were suppressed.



Correlation Matrix



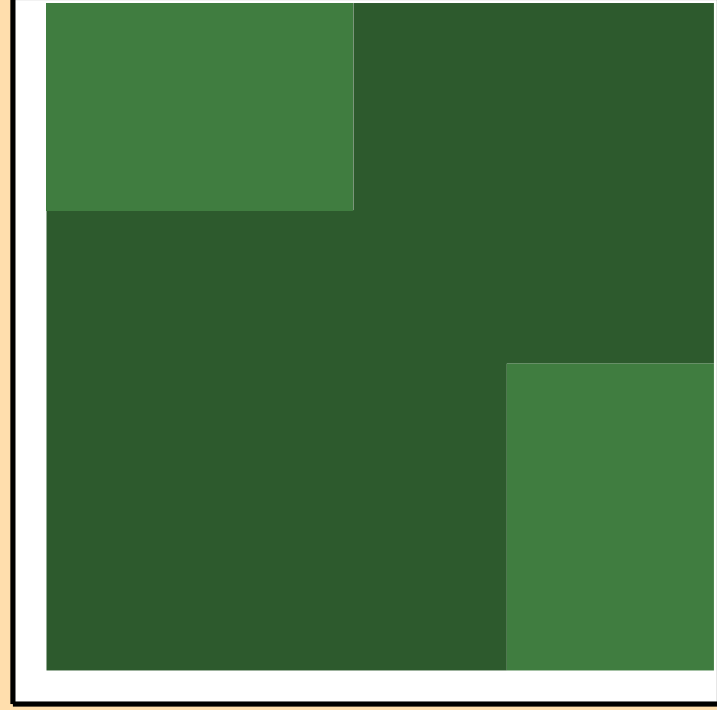
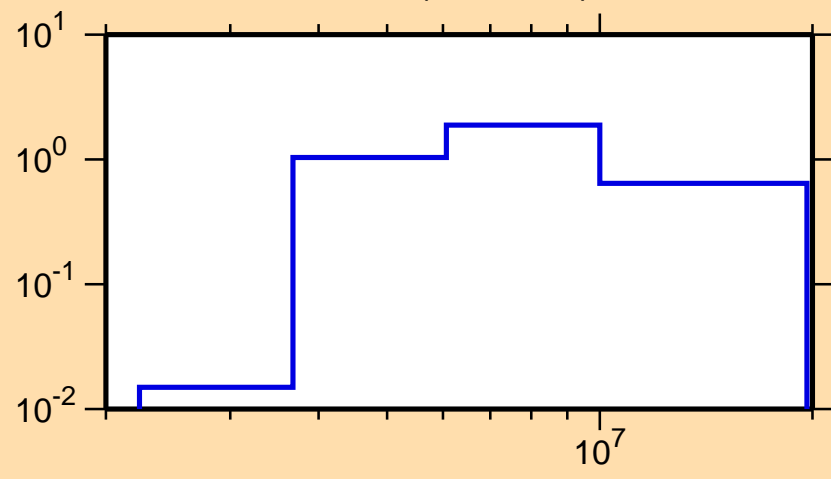
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Ordinate scales are % relative standard deviation and barns.

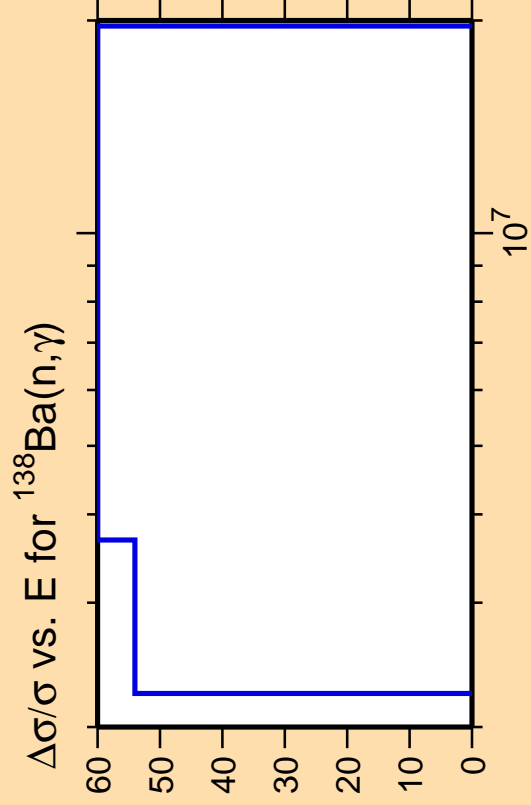
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Correlation Matrix

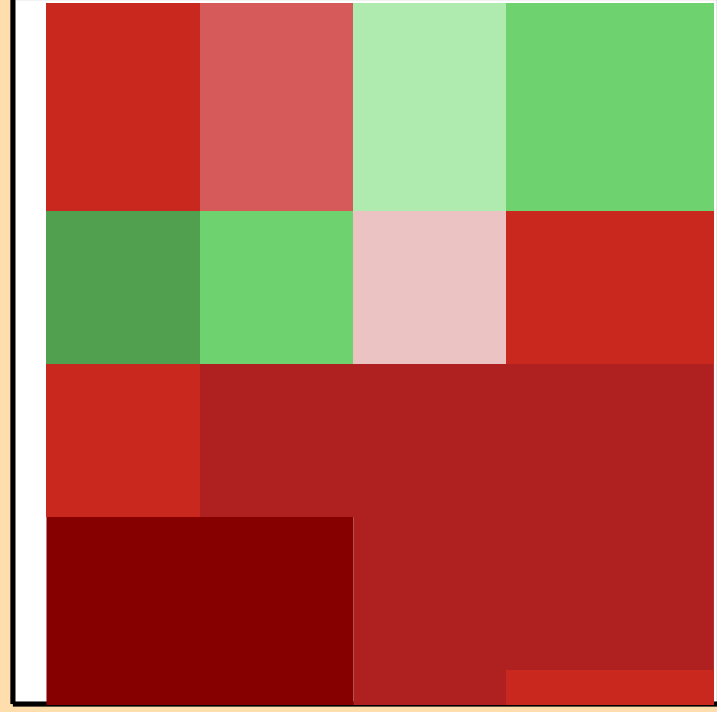
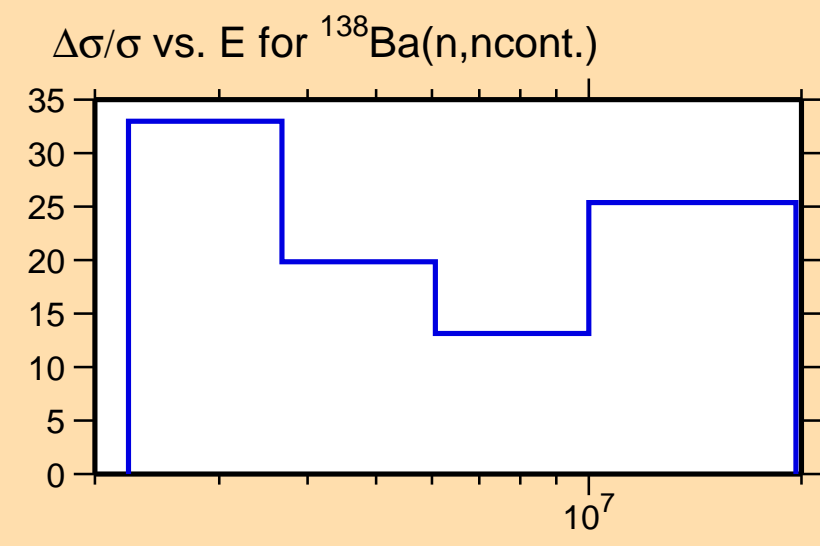




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

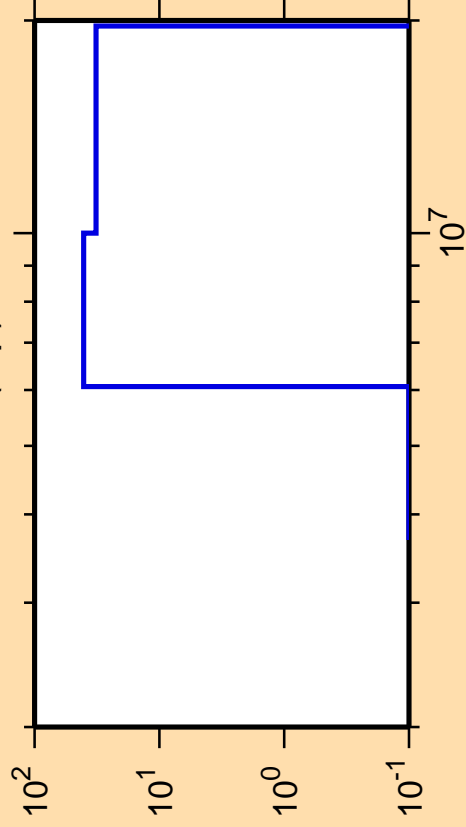
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

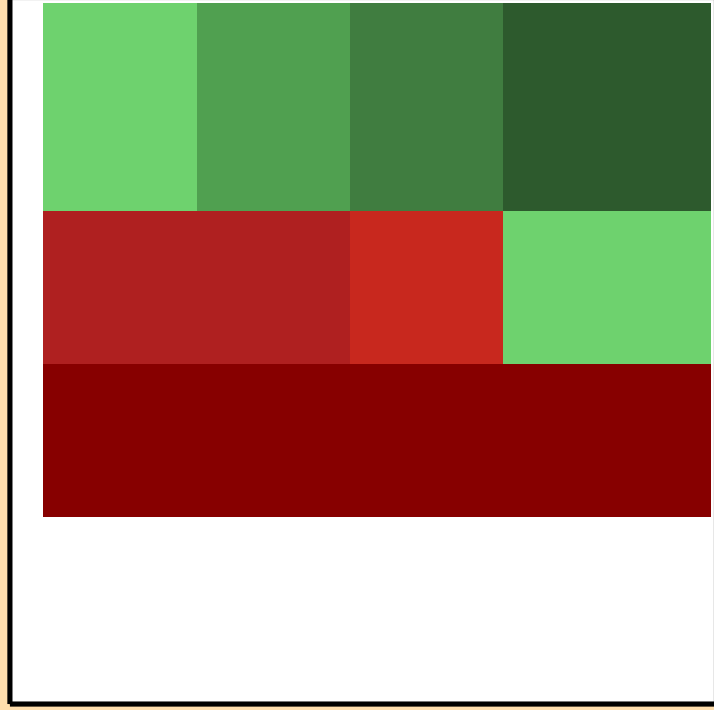
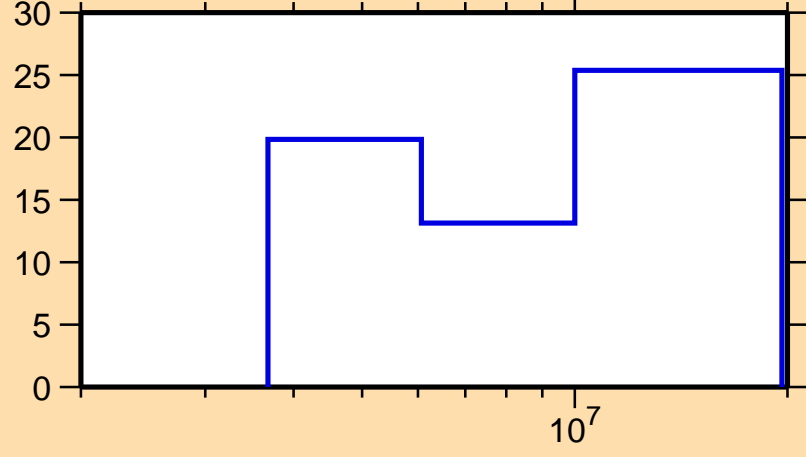


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

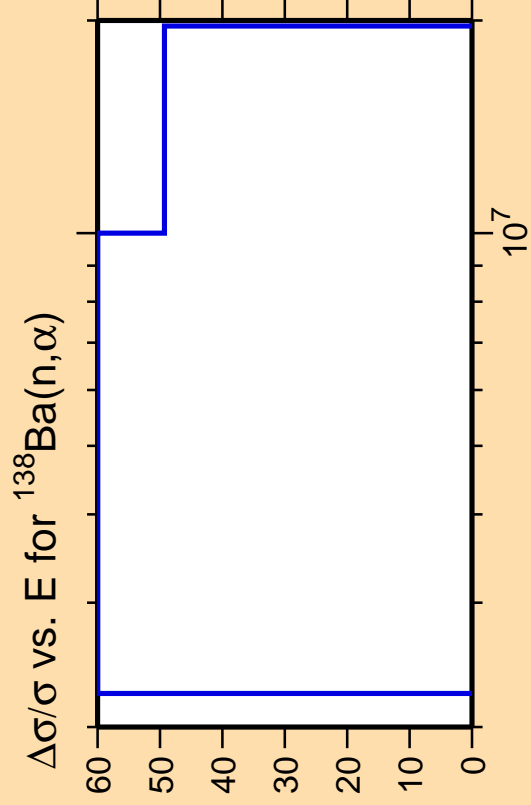
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,n\text{cont.})$



Correlation Matrix

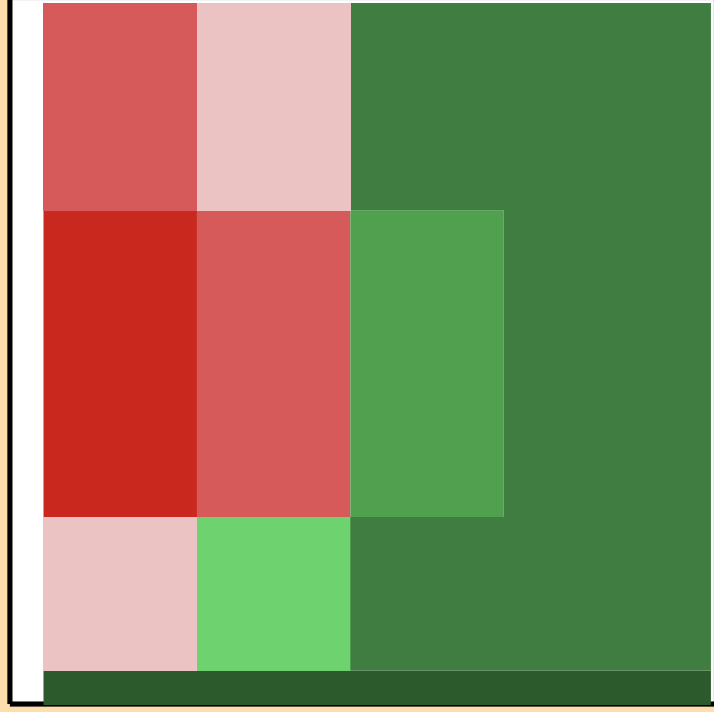
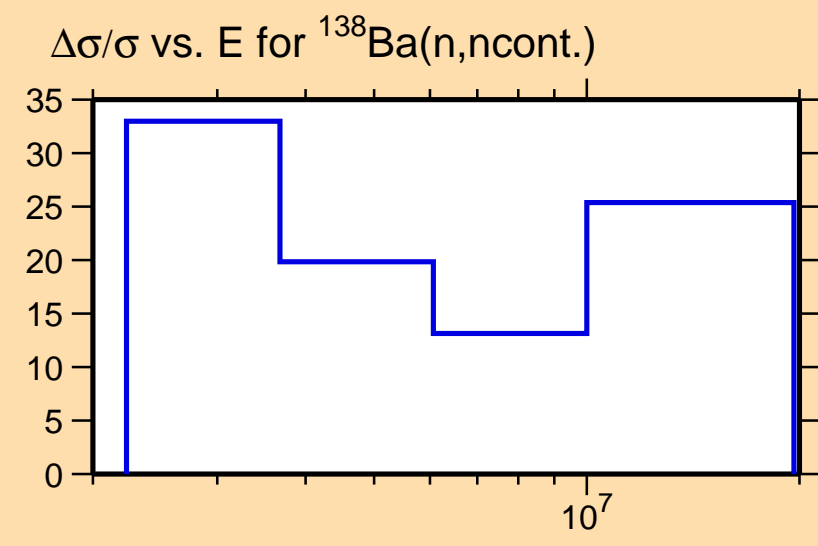




Ordinate scale is %  
relative standard deviation.

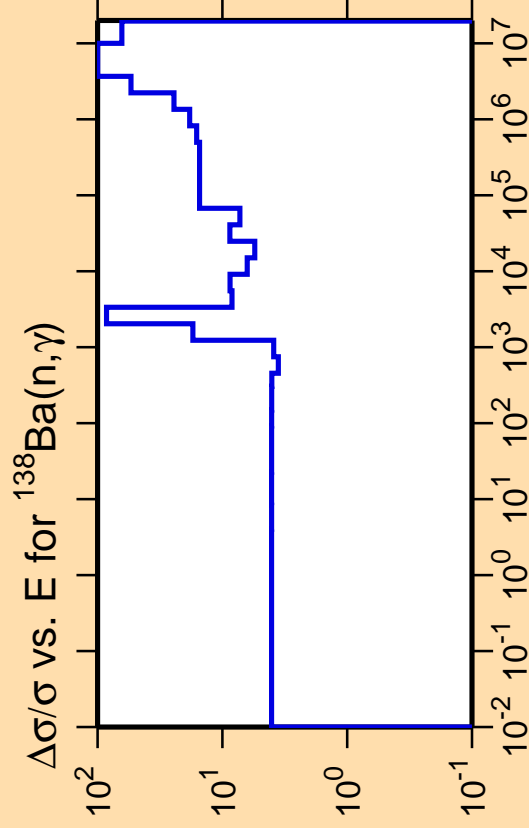
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

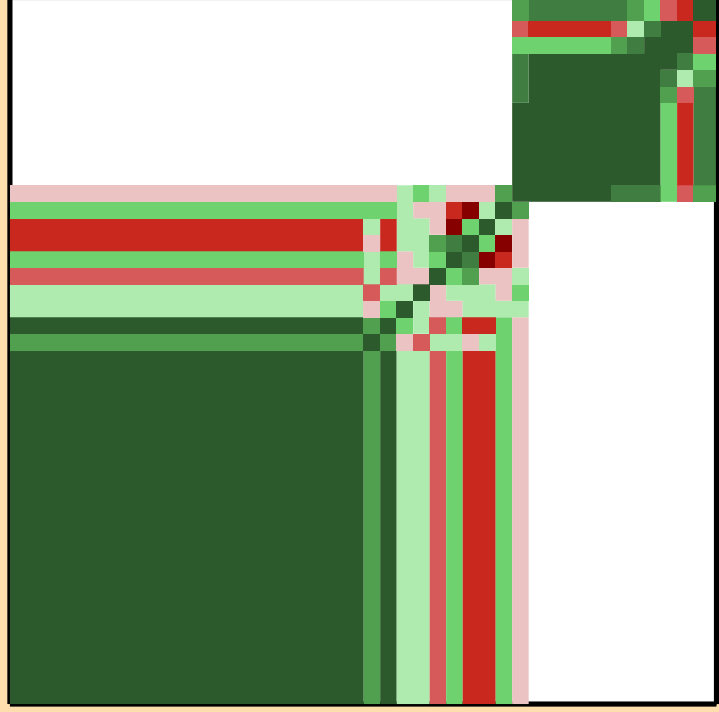
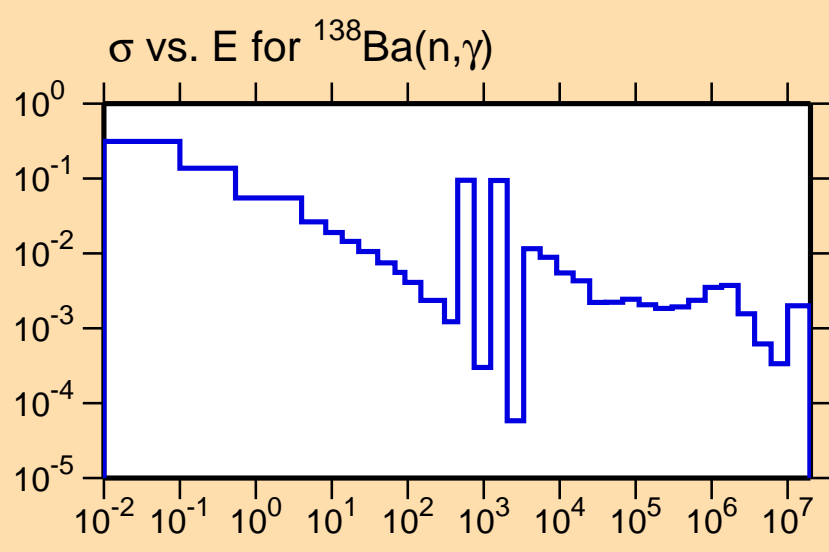




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

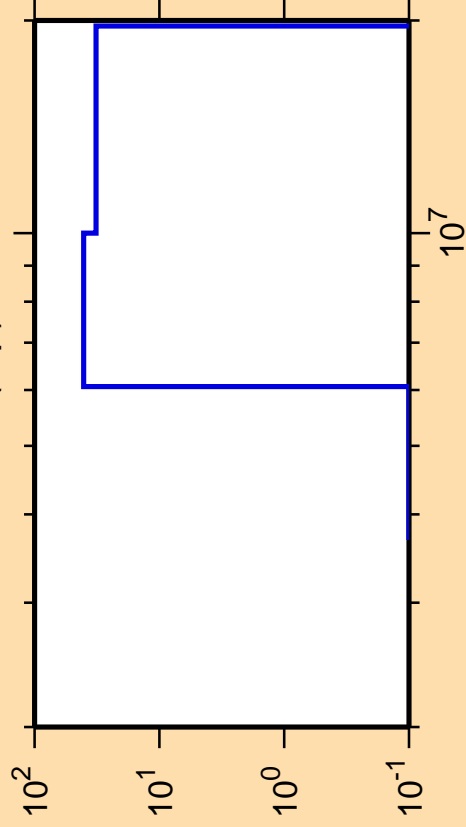
Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$

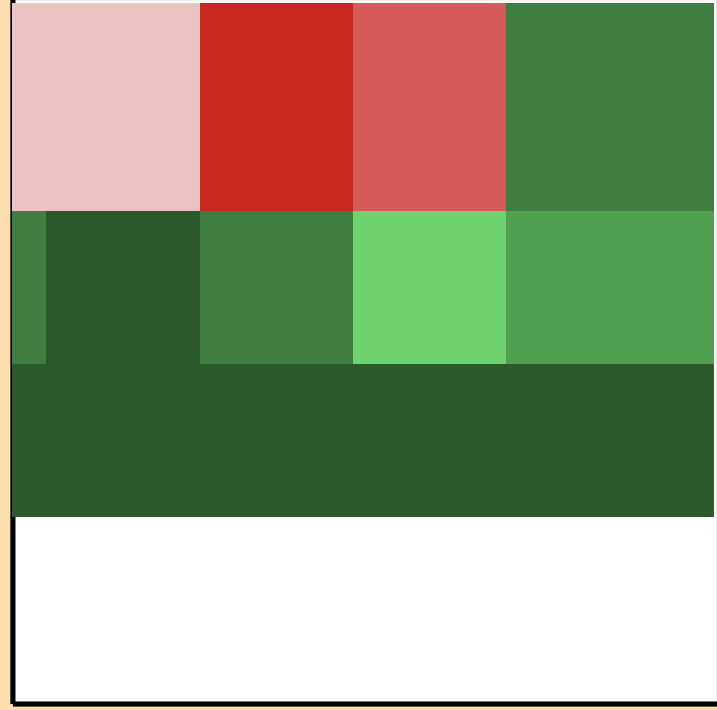
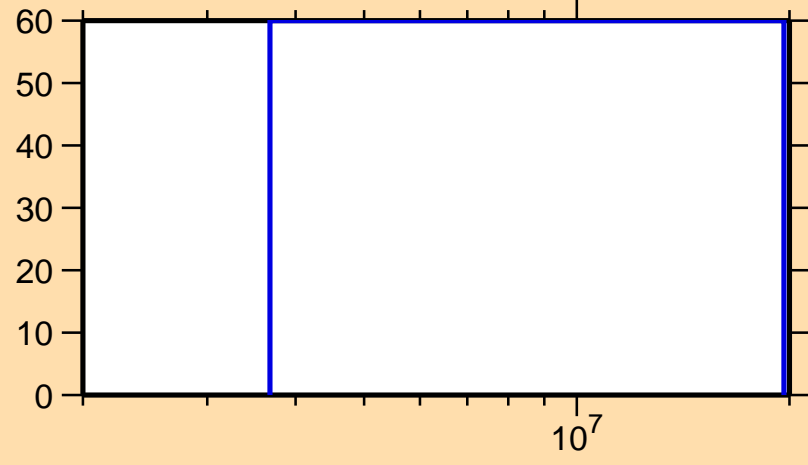


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

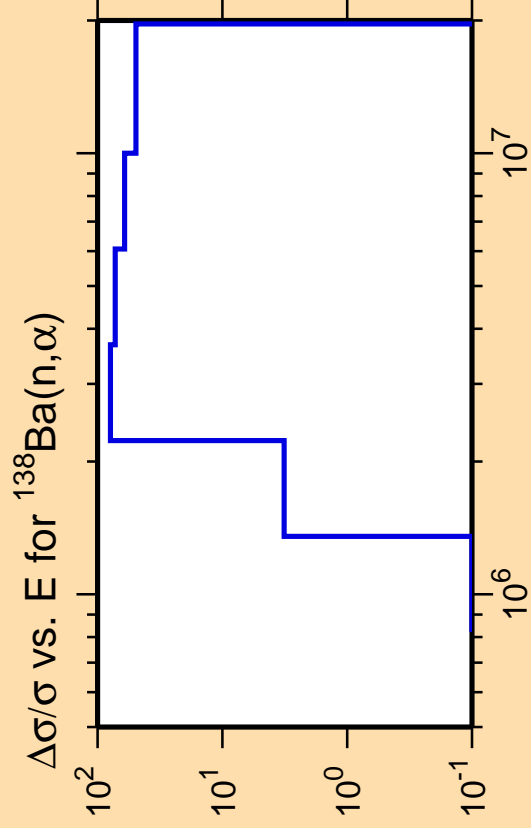
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\gamma)$



Correlation Matrix



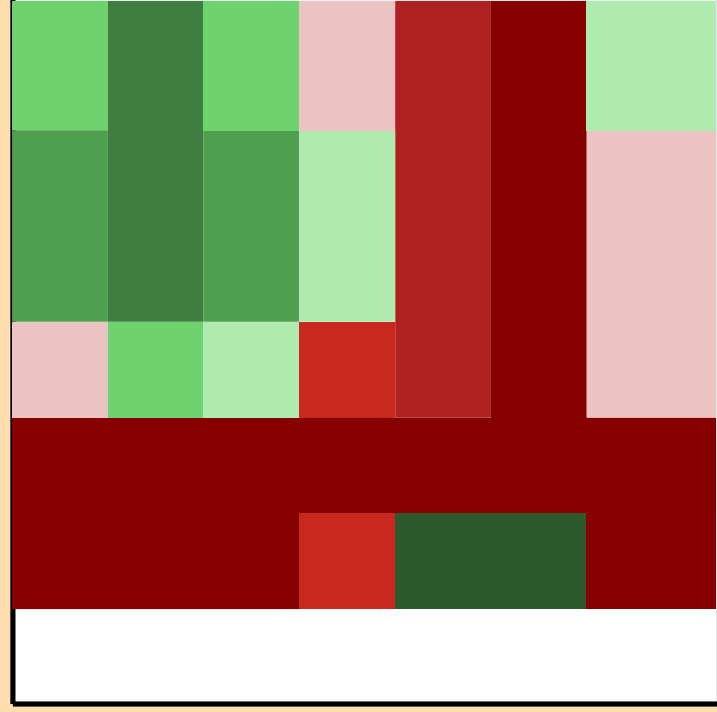
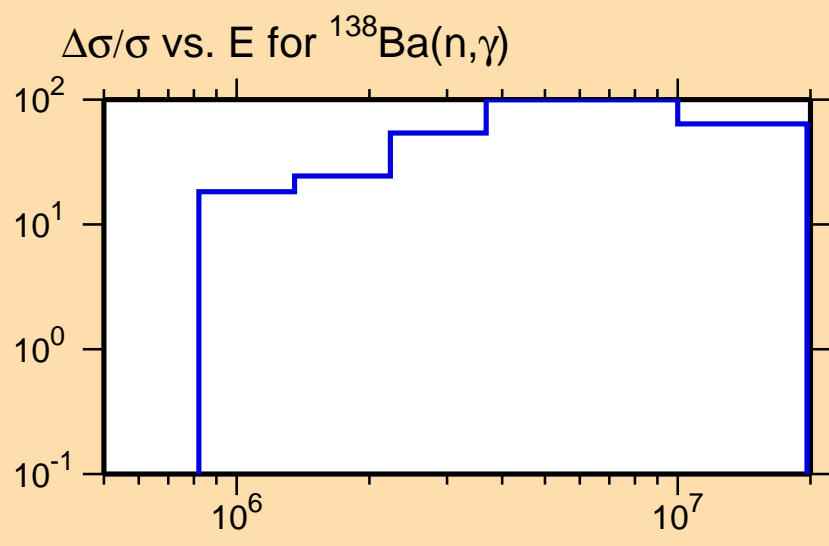




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

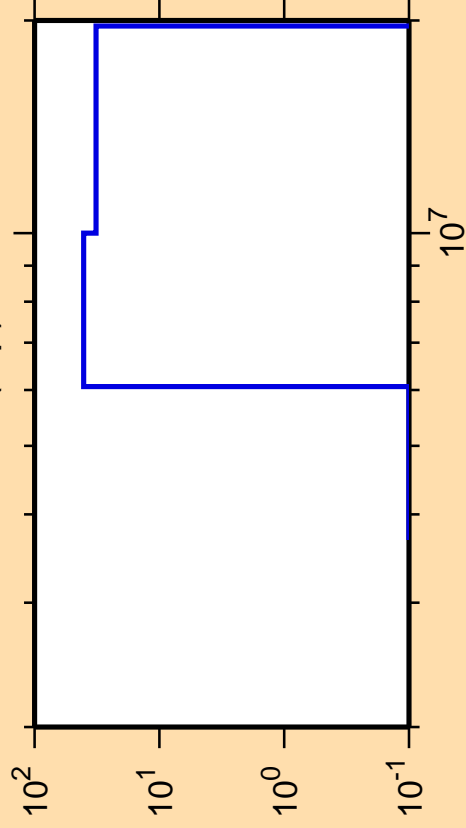
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



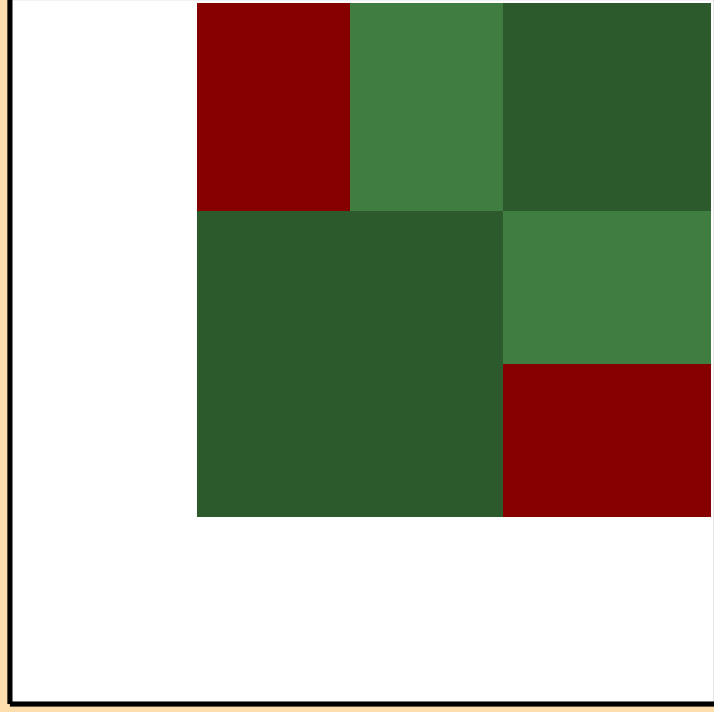
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$



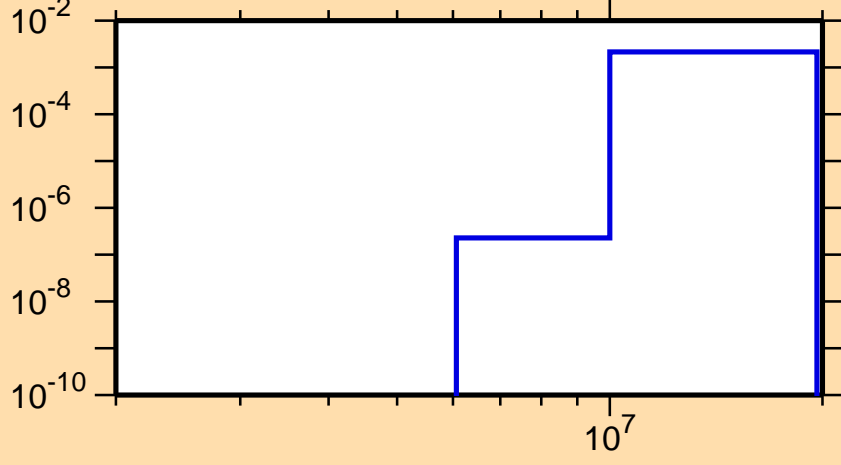
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



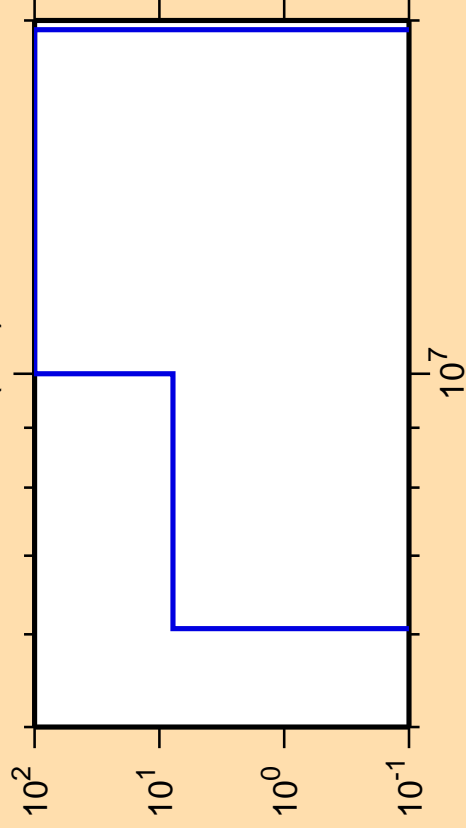
$\sigma$  vs. E for  $^{138}\text{Ba}(n,p)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,d)$



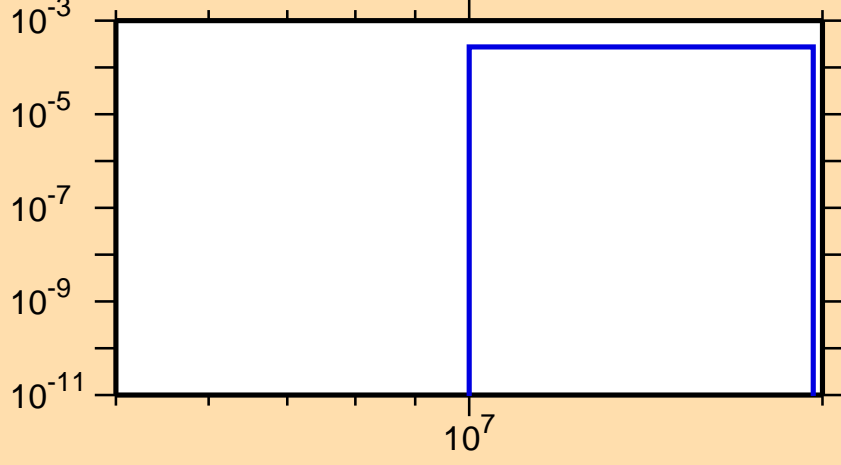
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

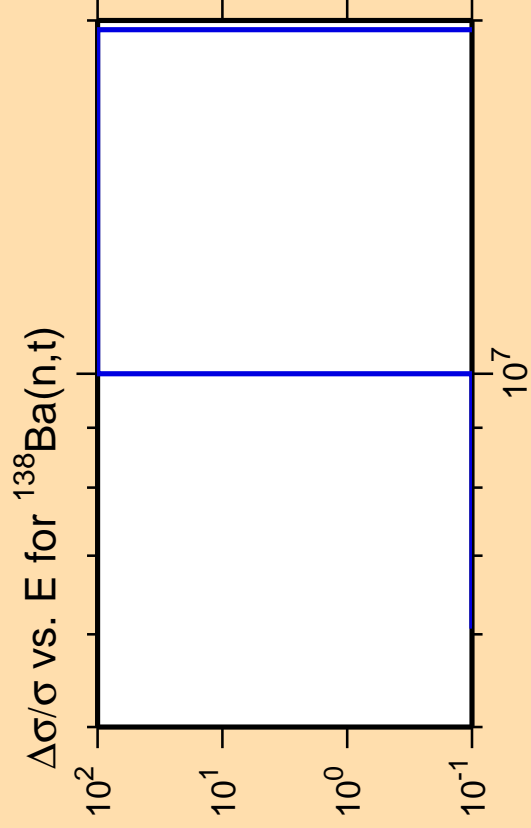


$\sigma$  vs. E for  $^{138}\text{Ba}(n,d)$



Correlation Matrix

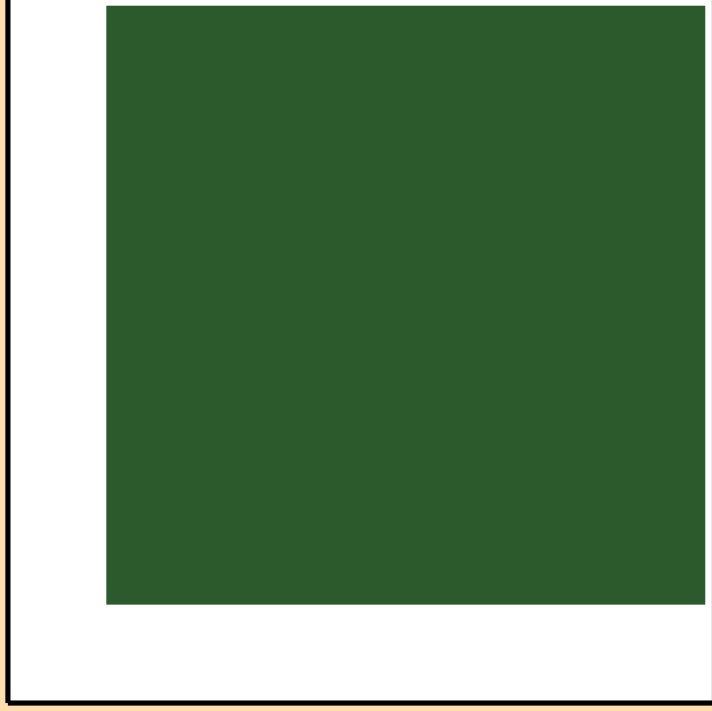
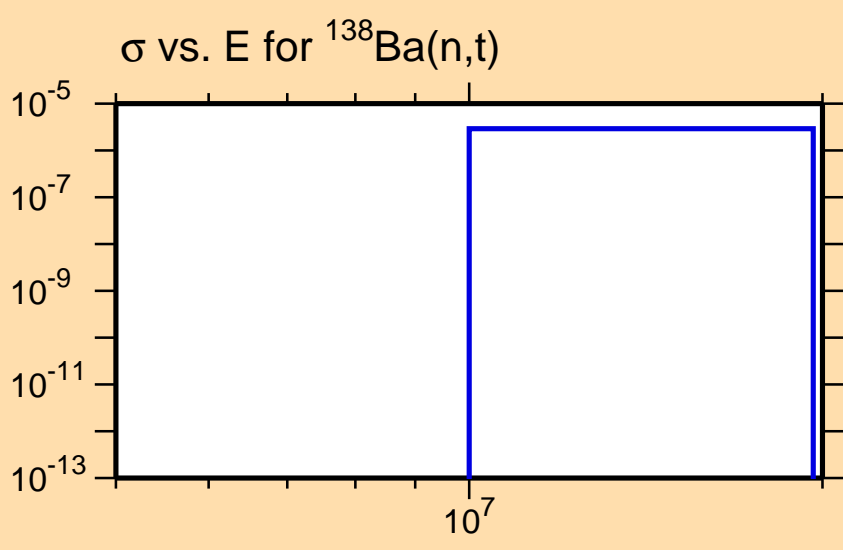




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

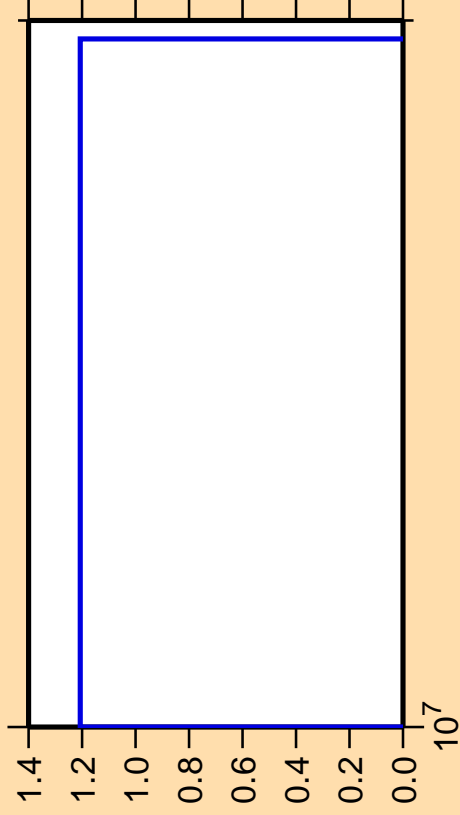
Warning: some uncertainty data were suppressed.



Correlation Matrix



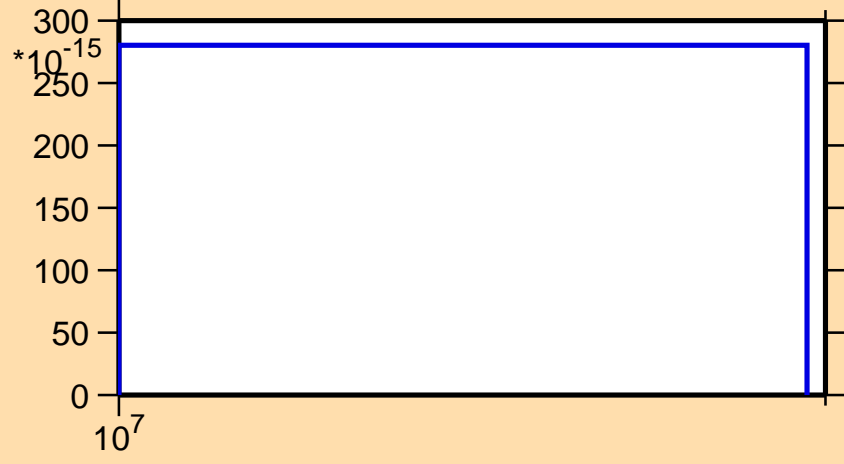
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{He3})$



Ordinate scales are % relative standard deviation and barns.

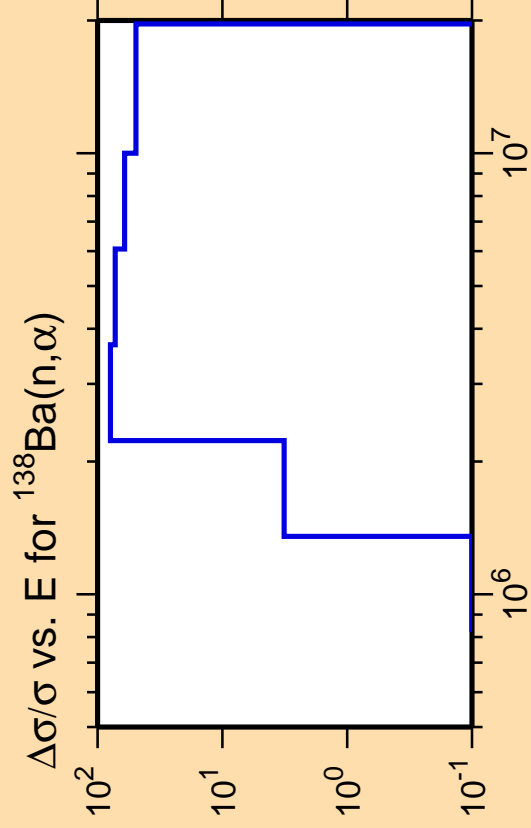
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,\text{He3})$



Correlation Matrix

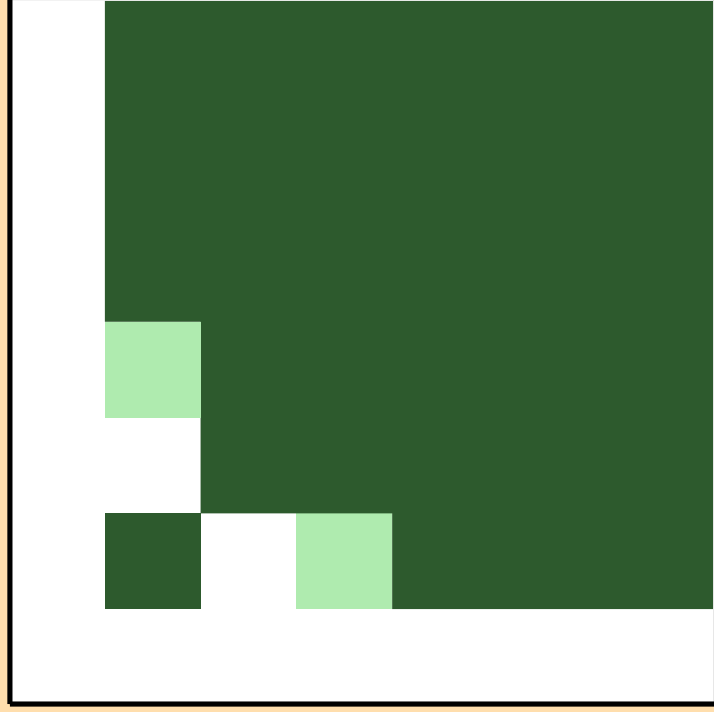
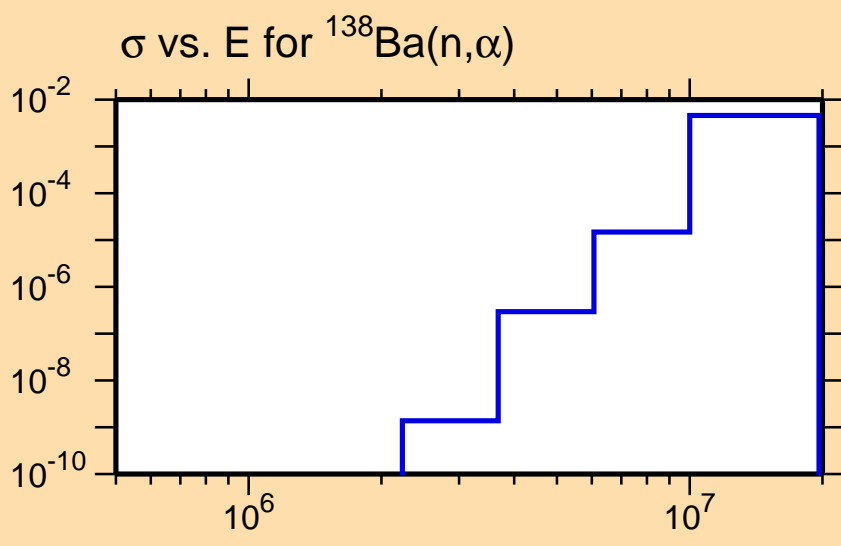




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

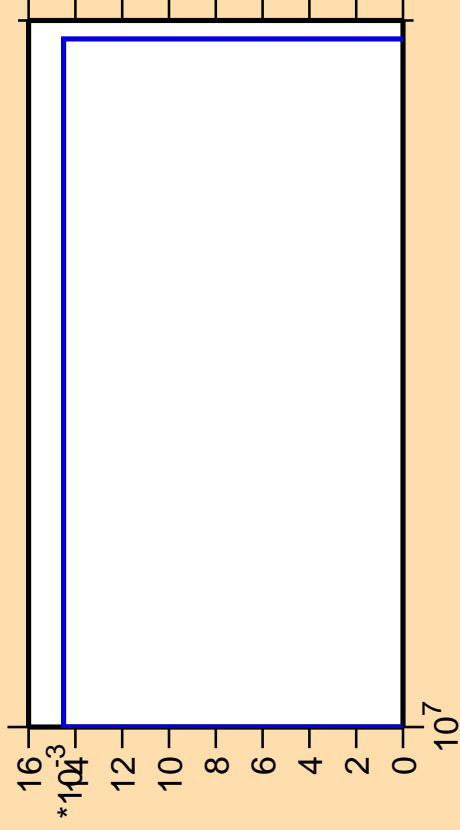
Warning: some uncertainty data were suppressed.



Correlation Matrix



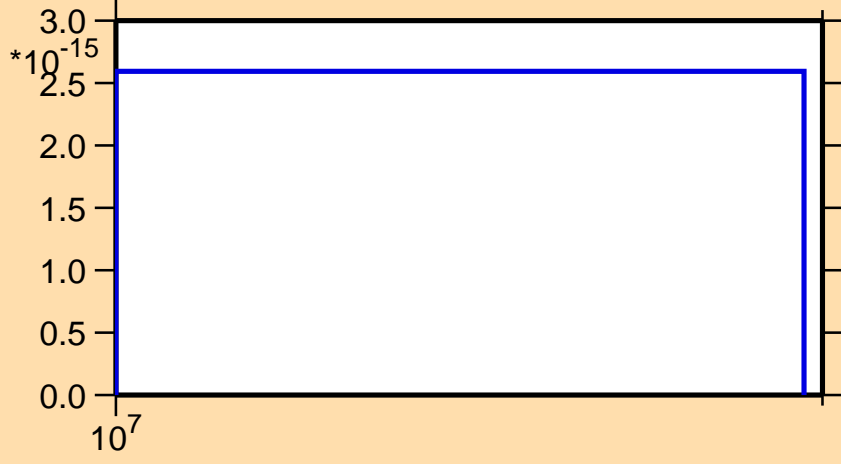
$\Delta\sigma/\sigma$  vs. E for  $^{138}\text{Ba}(n,p\alpha)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{138}\text{Ba}(n,p\alpha)$



Correlation Matrix

