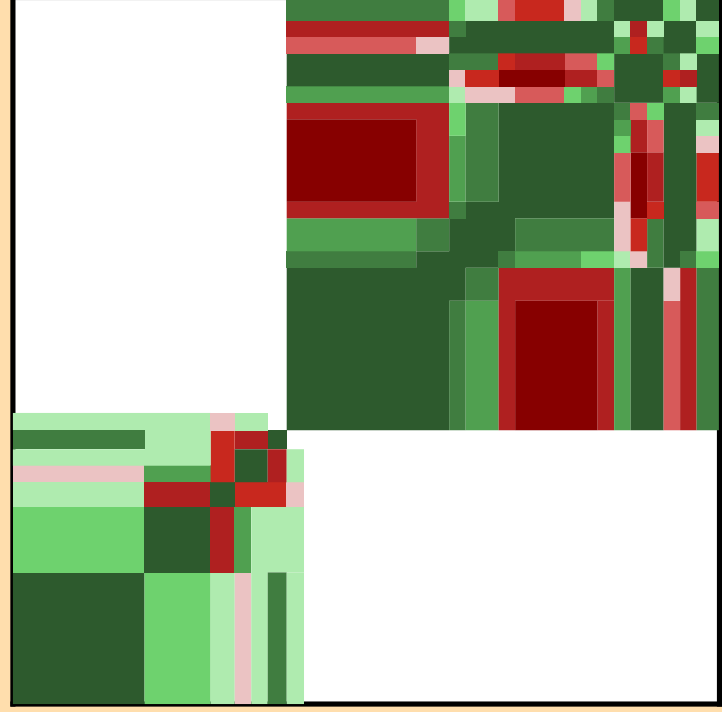
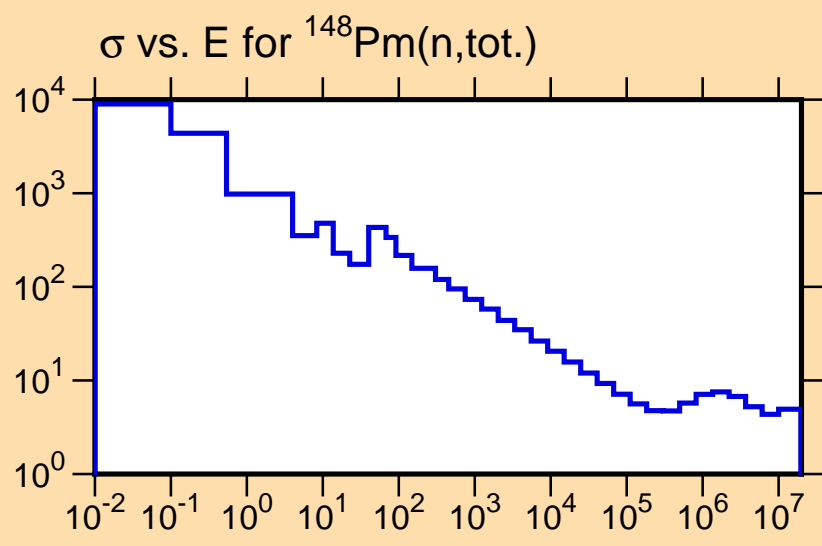


Ordinate scales are % relative standard deviation and barns.

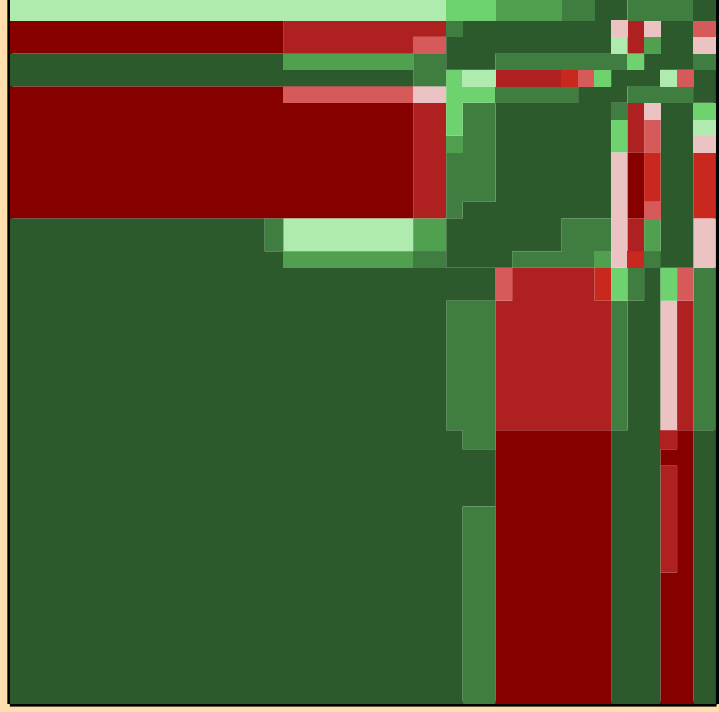
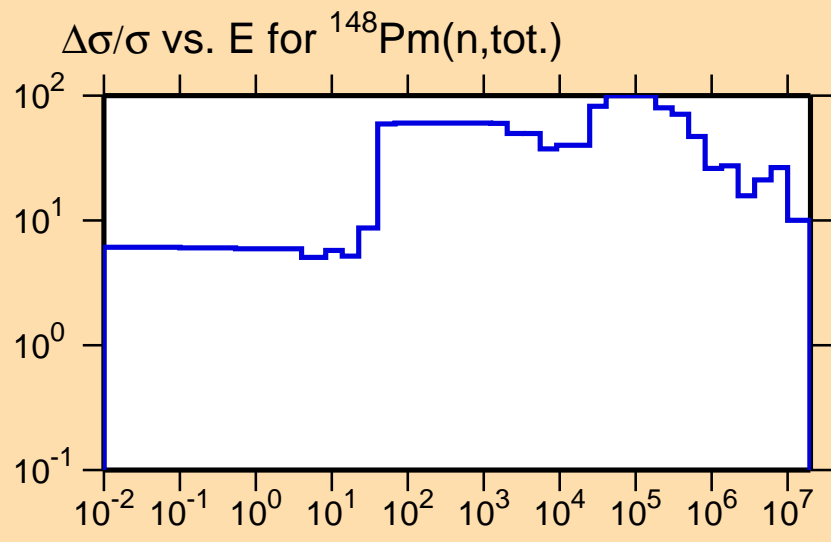
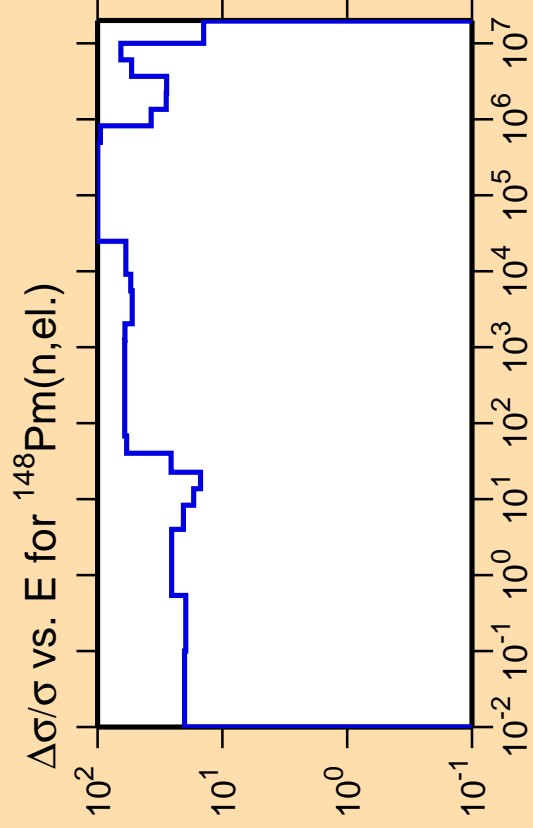
Abscissa scales are energy (eV).

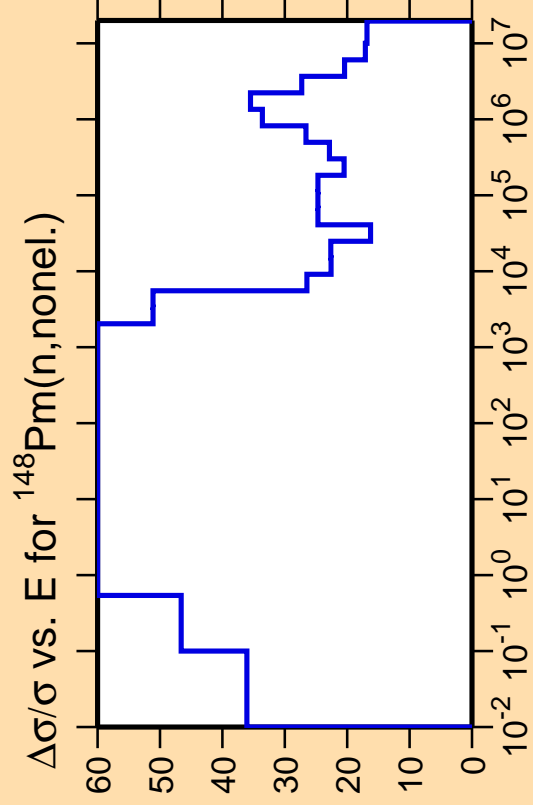
Warning: some uncertainty data were suppressed.



Correlation Matrix



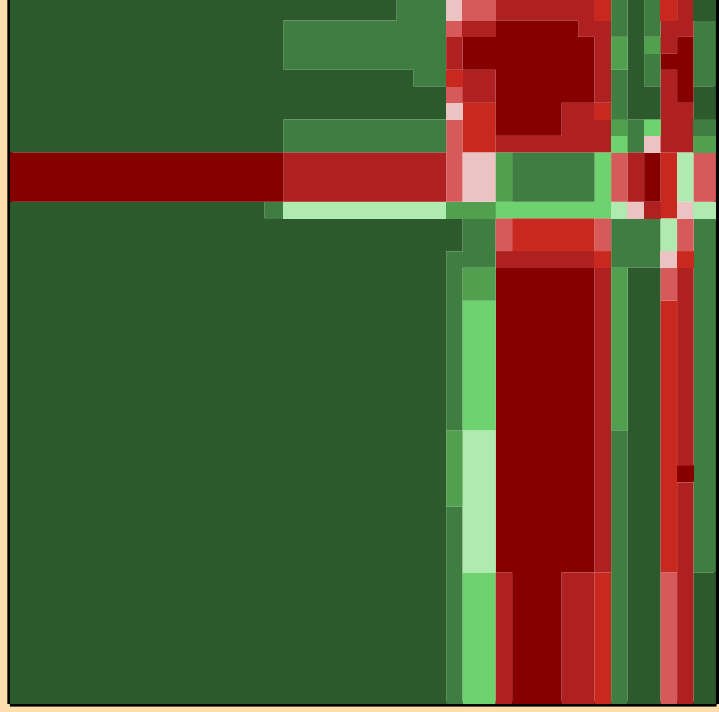
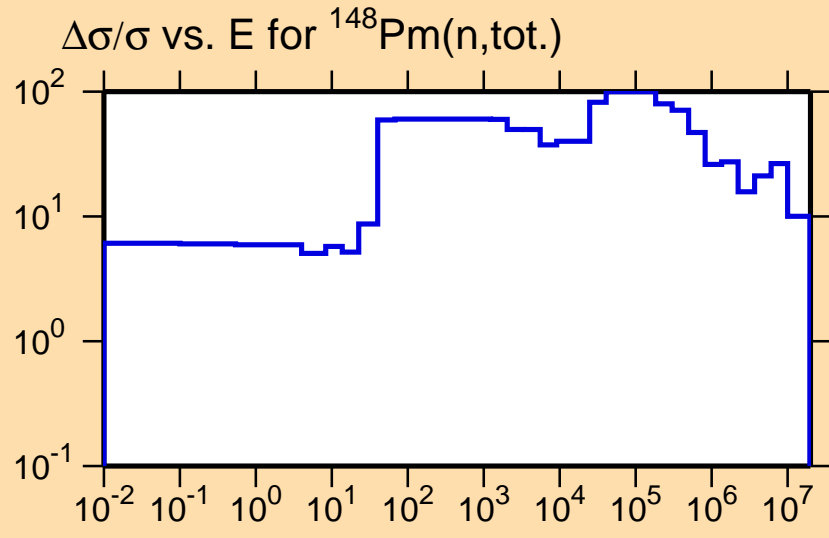




Ordinate scale is %  
relative standard deviation.

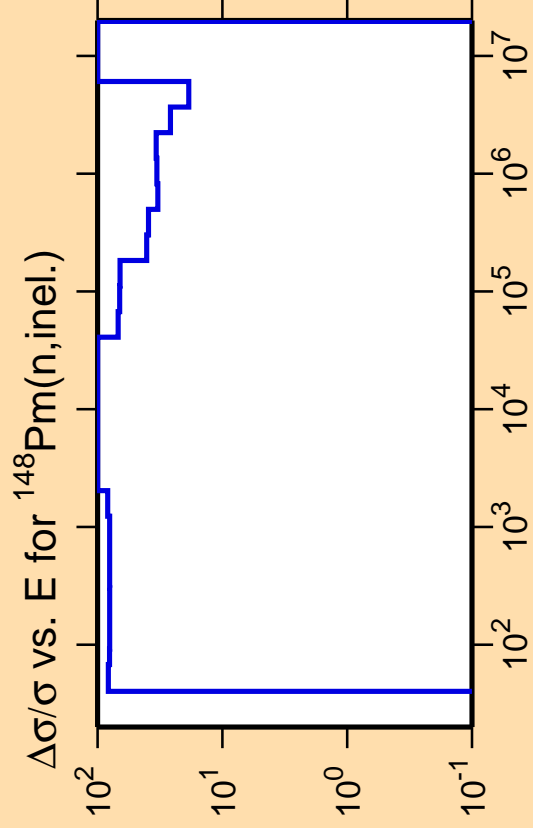
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

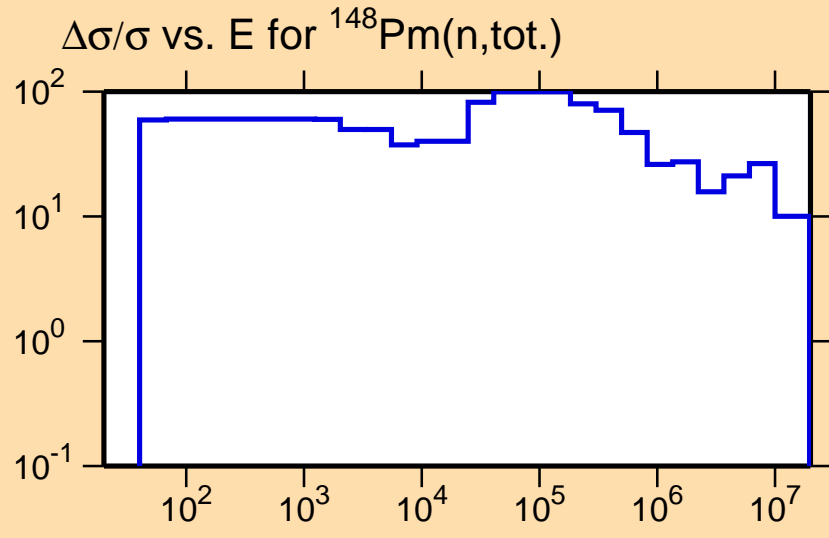




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

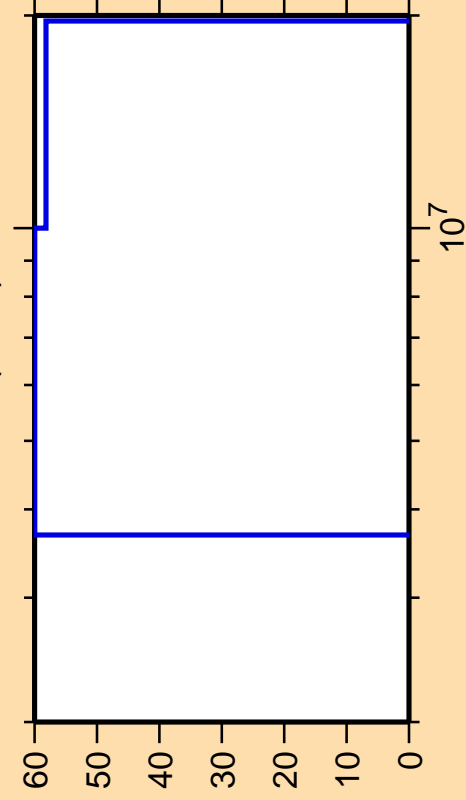
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$

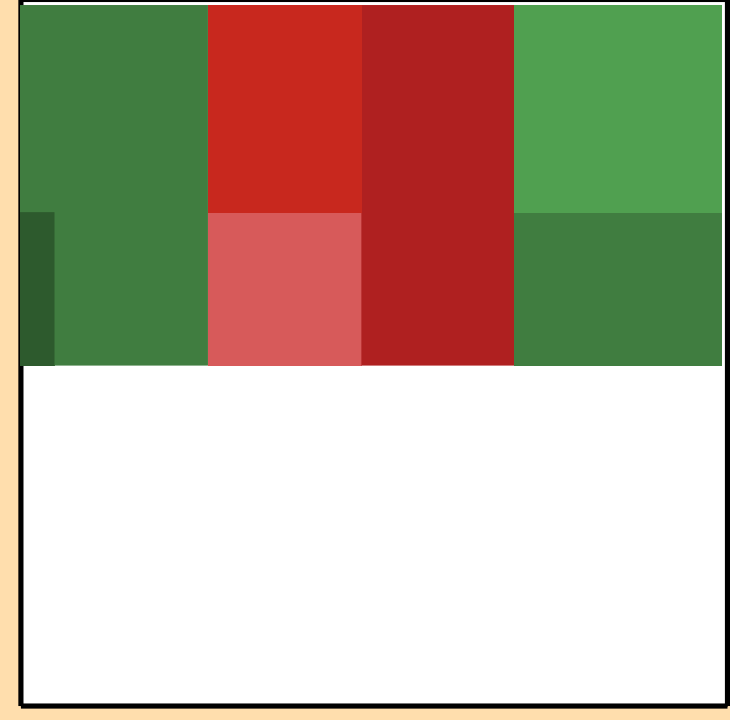
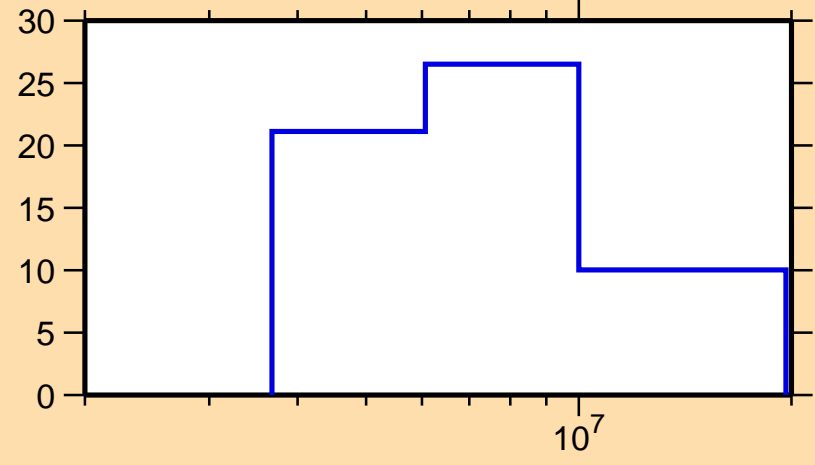


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

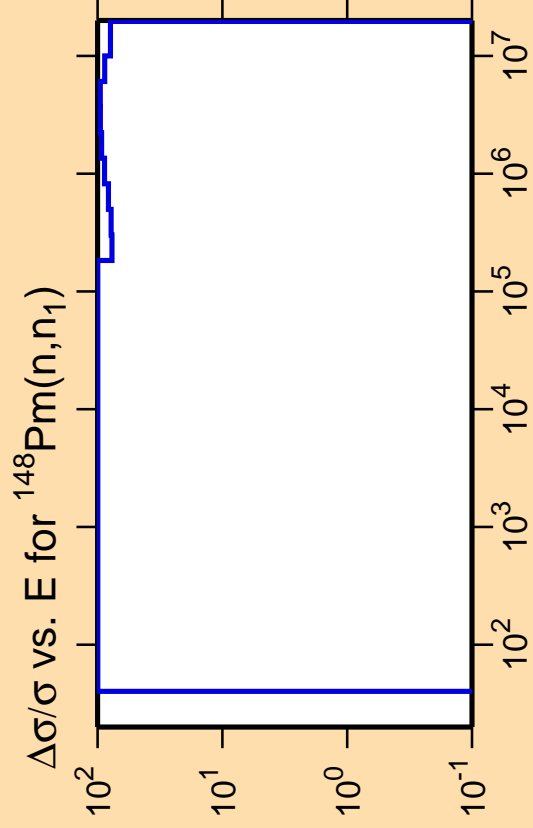
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{tot.})$



Correlation Matrix

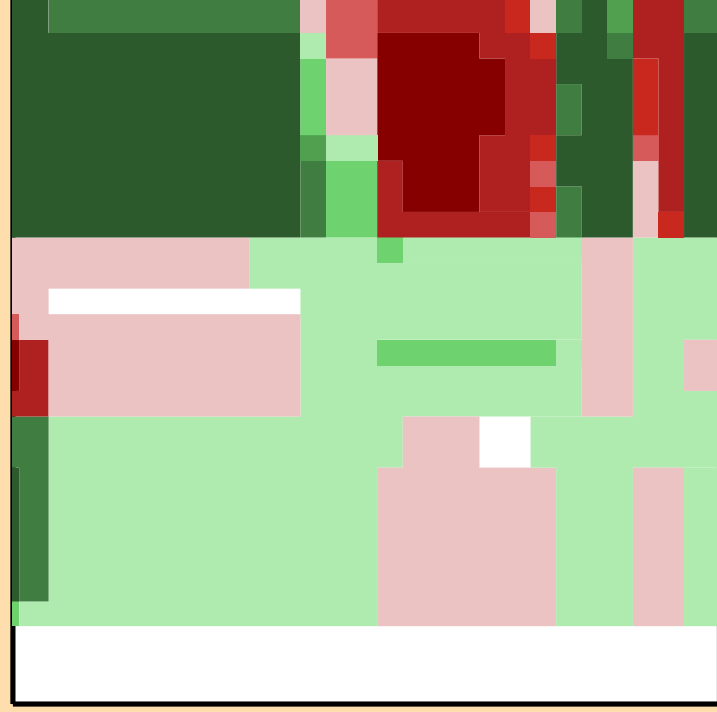
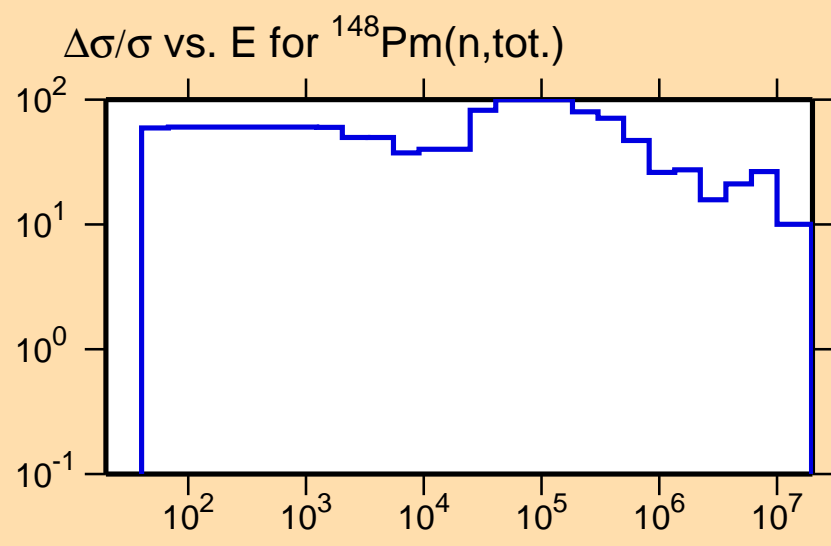


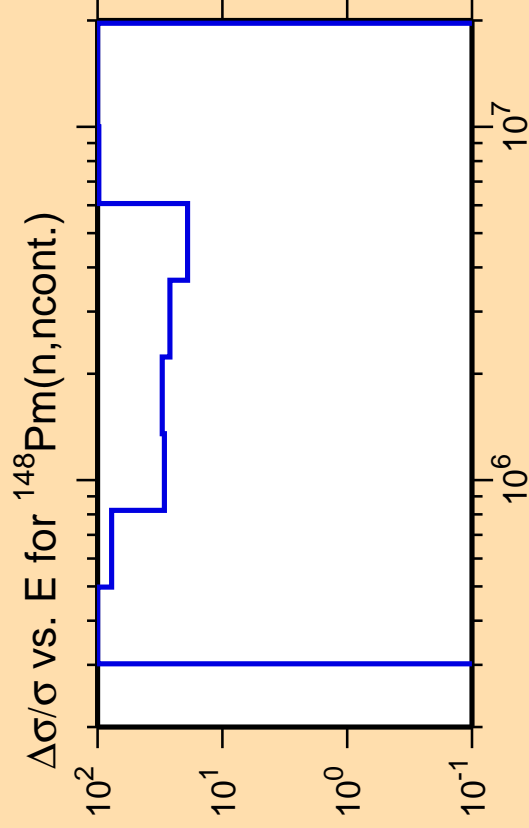


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

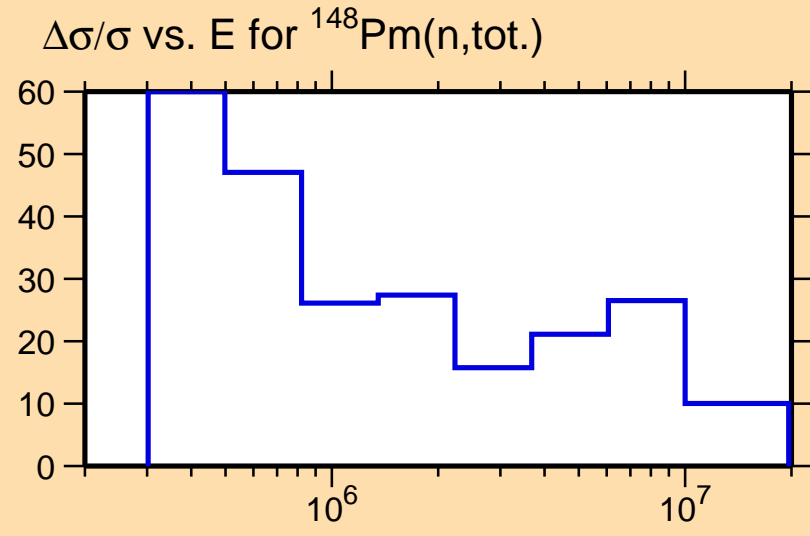


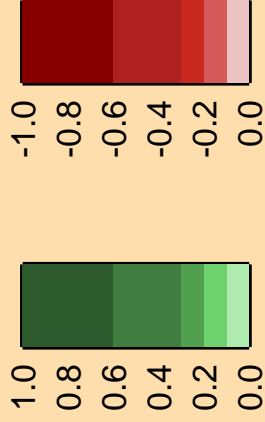
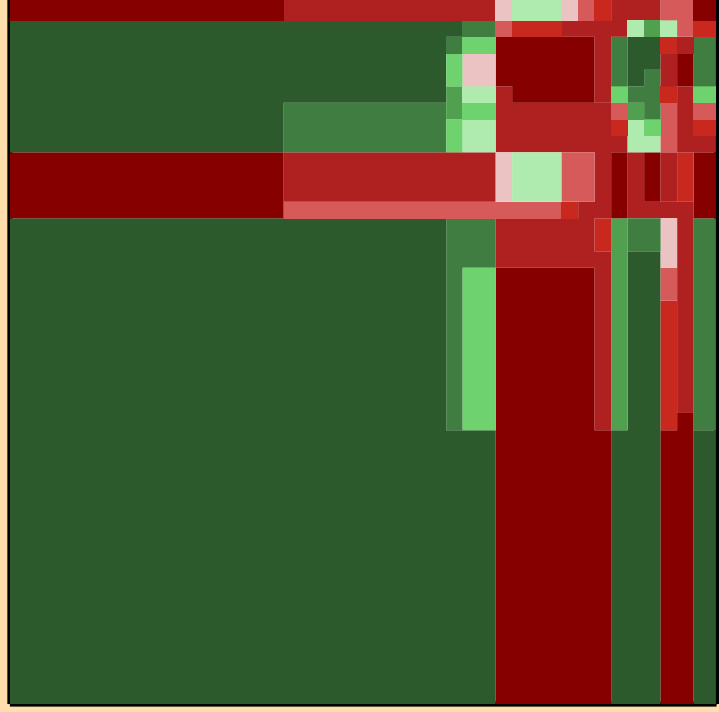
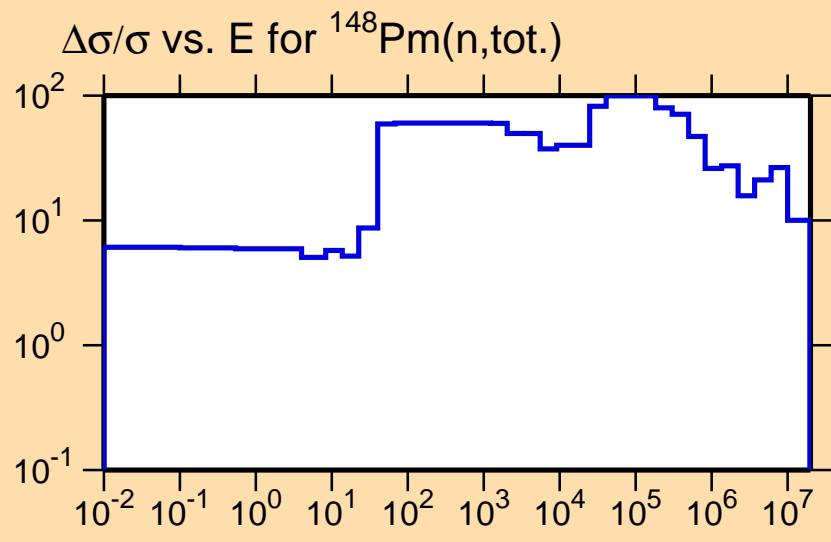
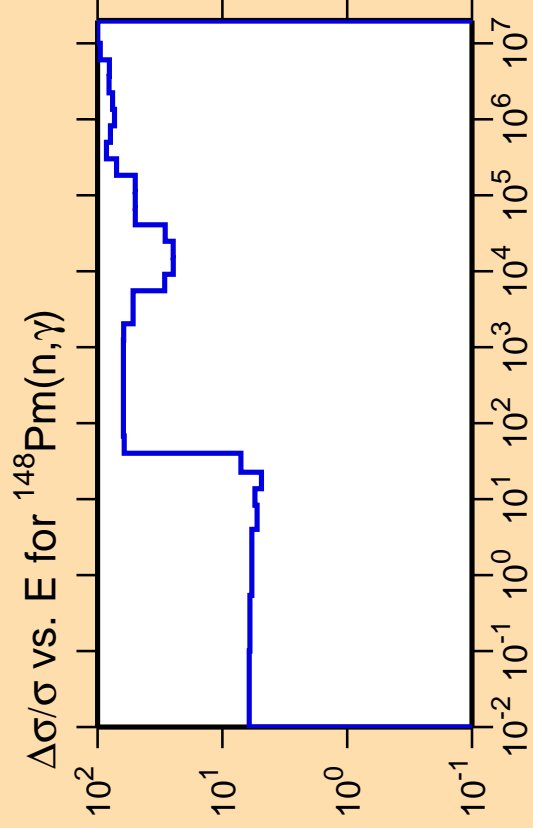


Ordinate scale is %  
relative standard deviation.

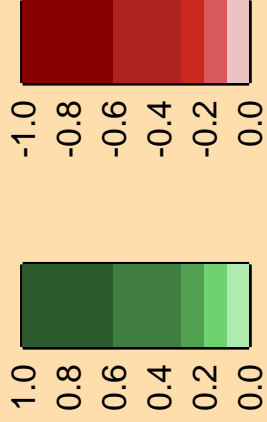
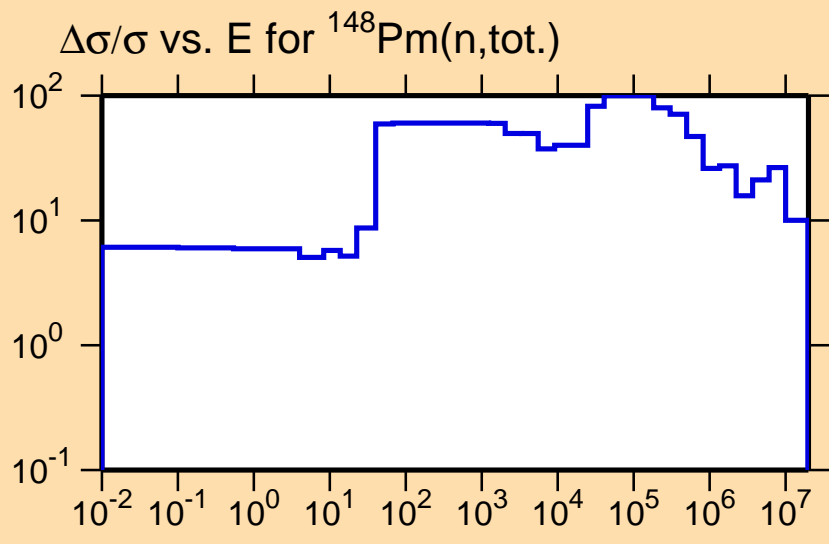
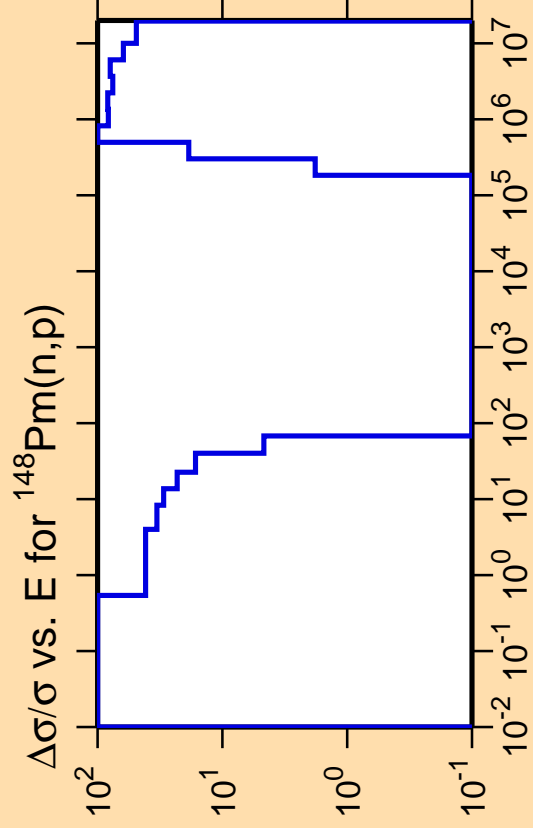
Abscissa scales are energy (eV).

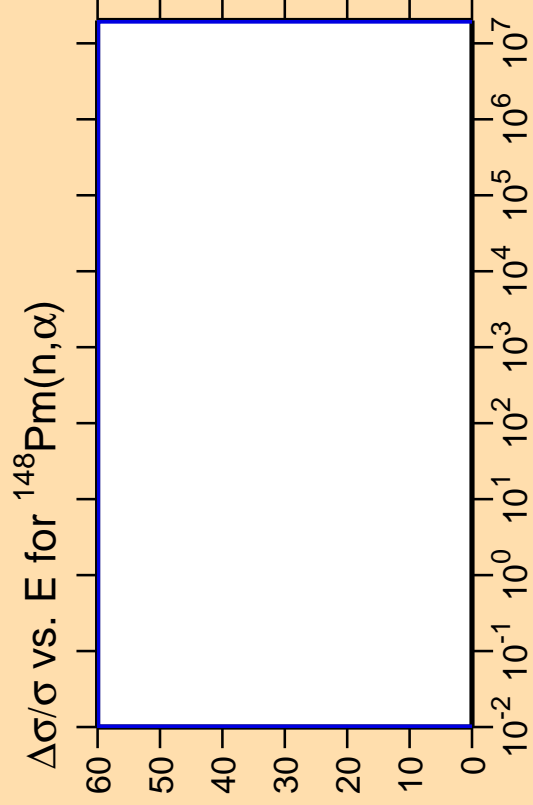
Warning: some uncertainty  
data were suppressed.







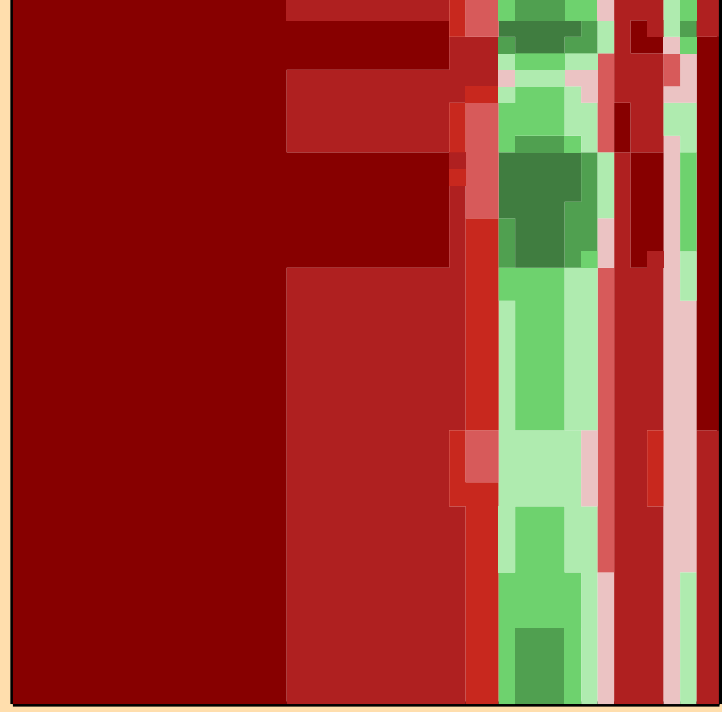
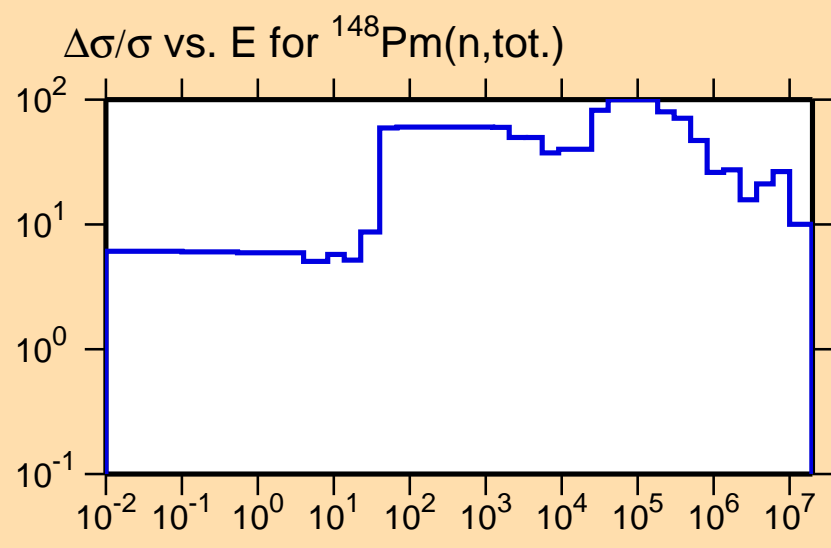


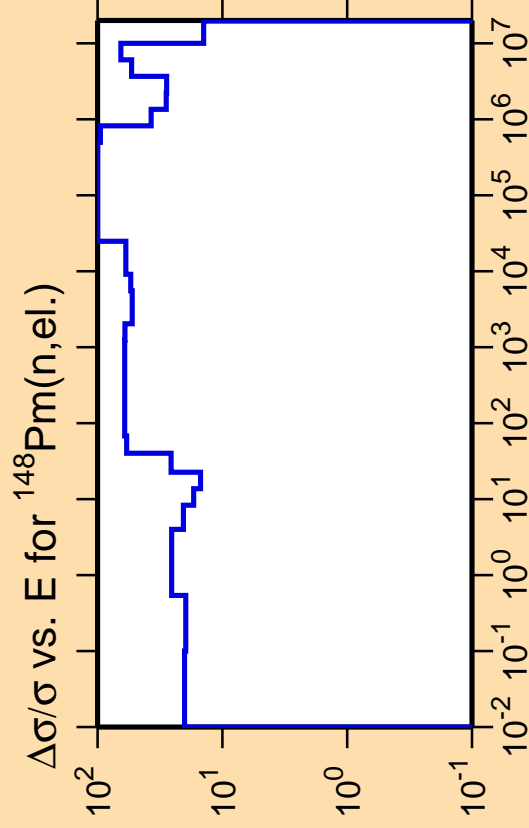


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

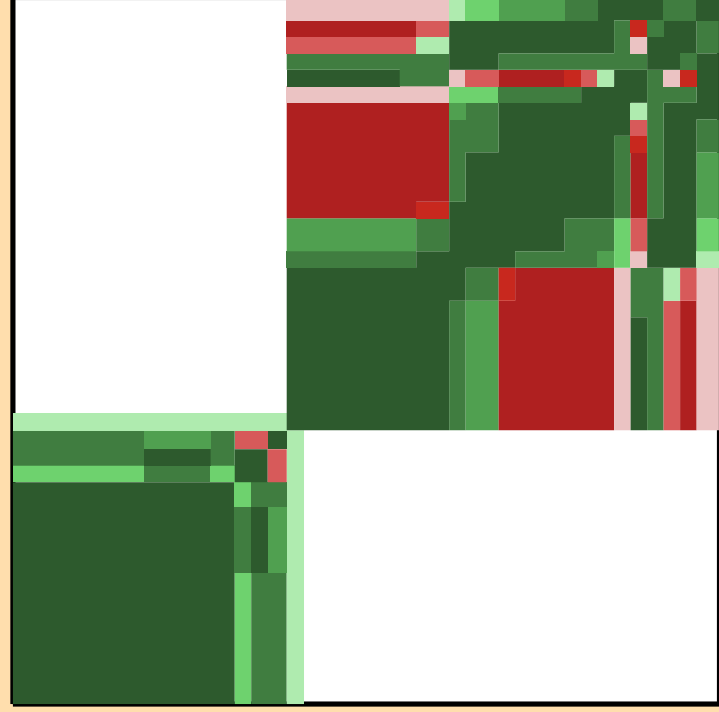
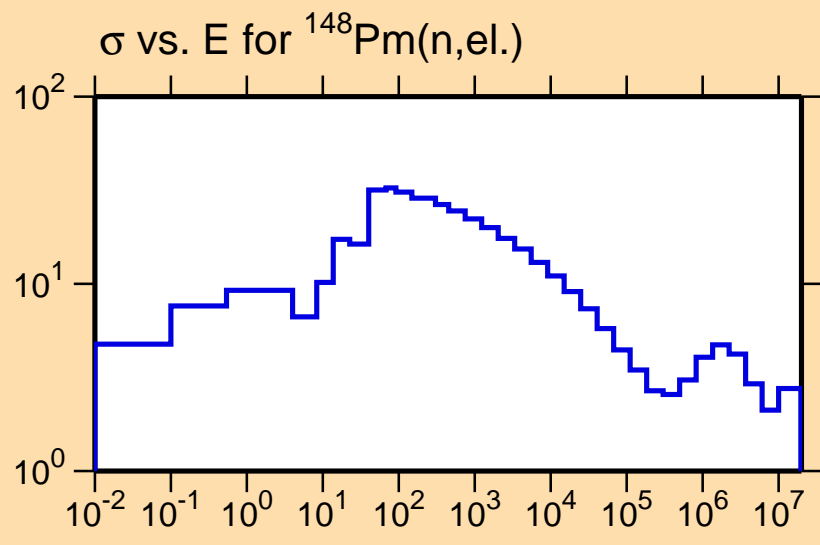




Ordinate scales are % relative standard deviation and barns.

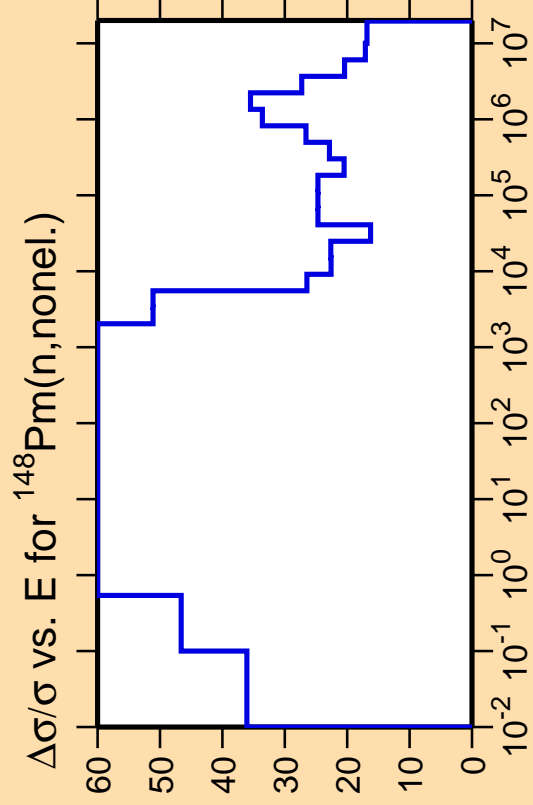
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

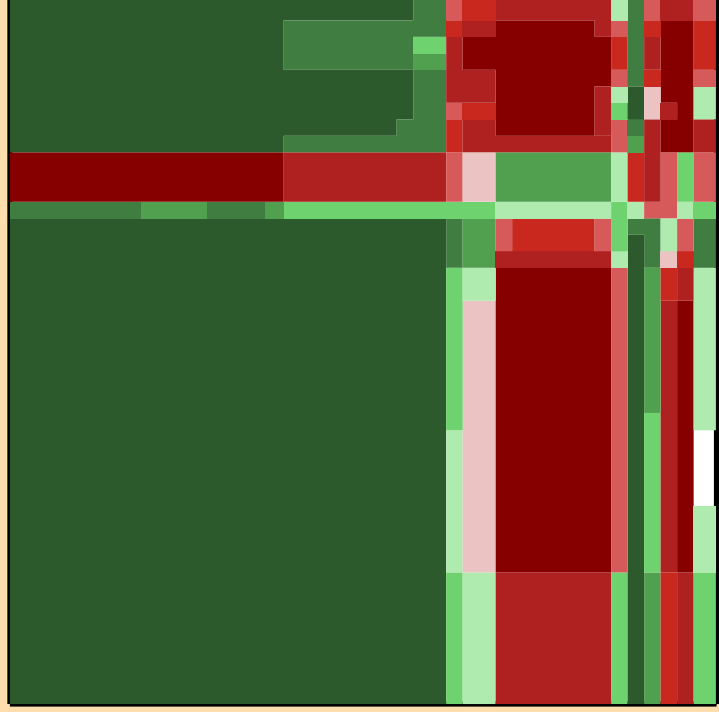
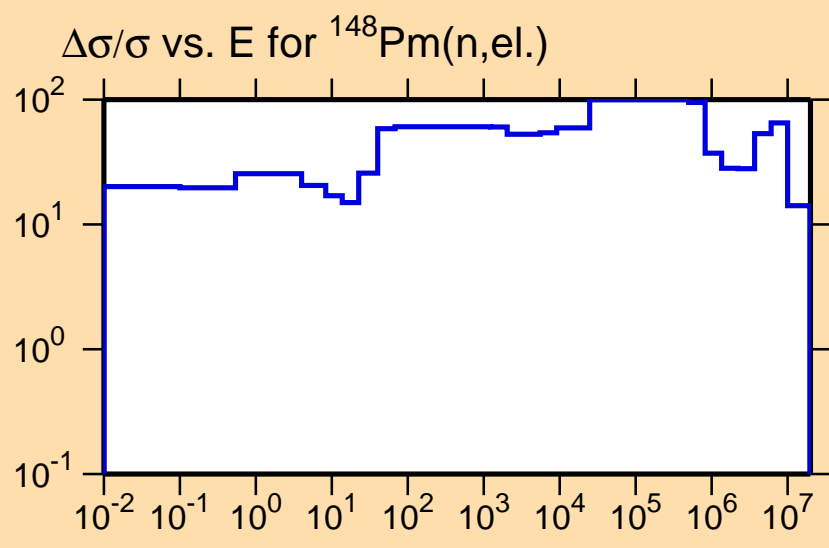




Ordinate scale is %  
relative standard deviation.

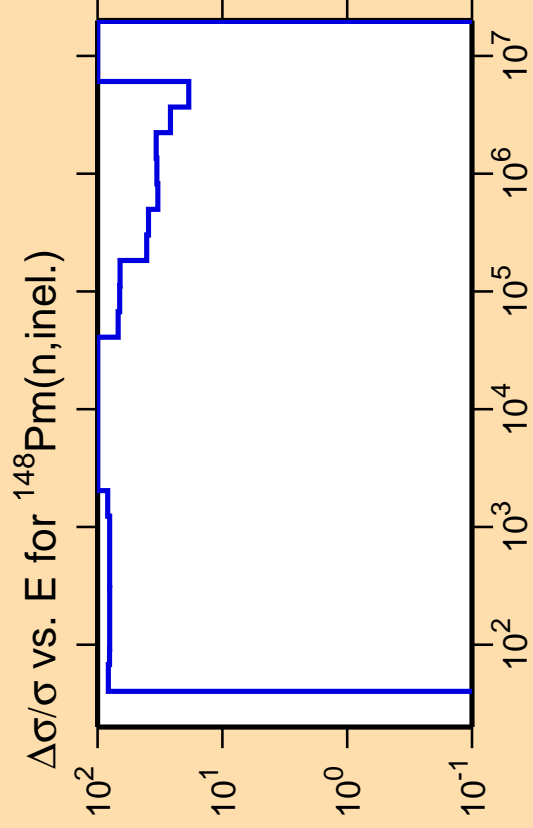
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

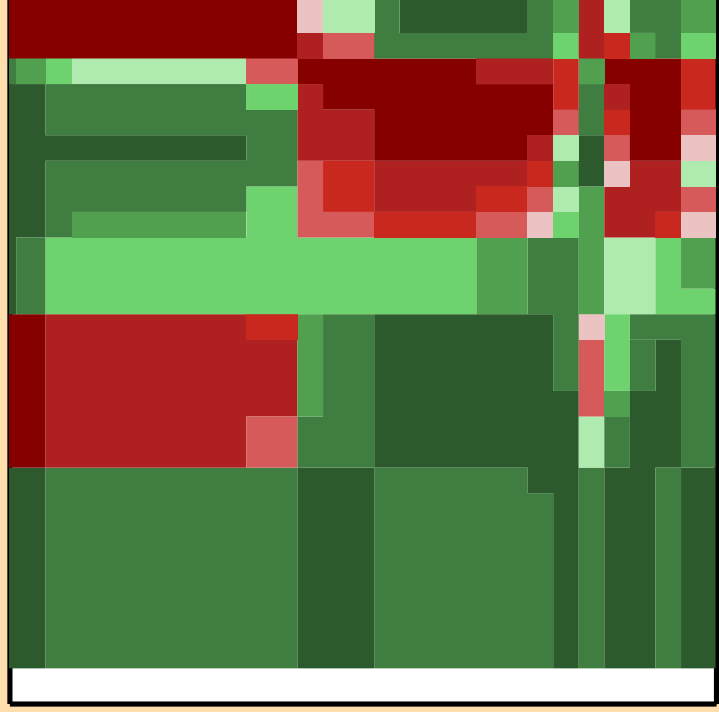
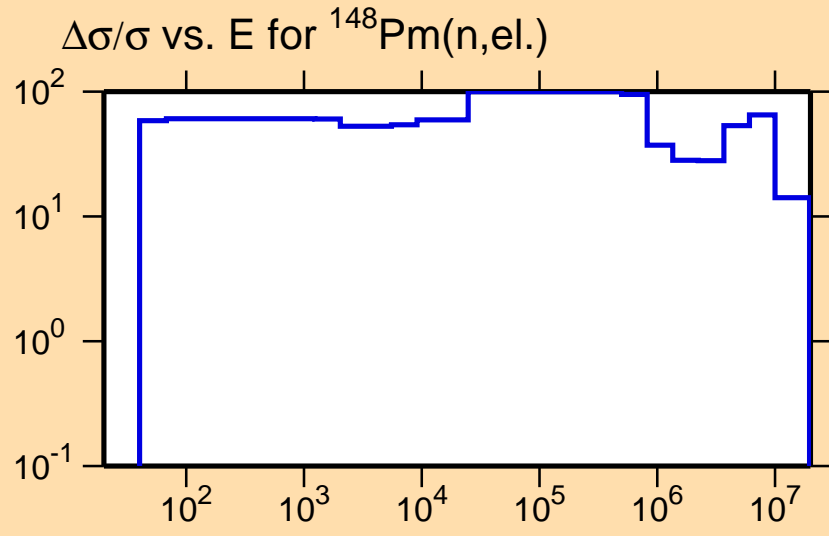




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

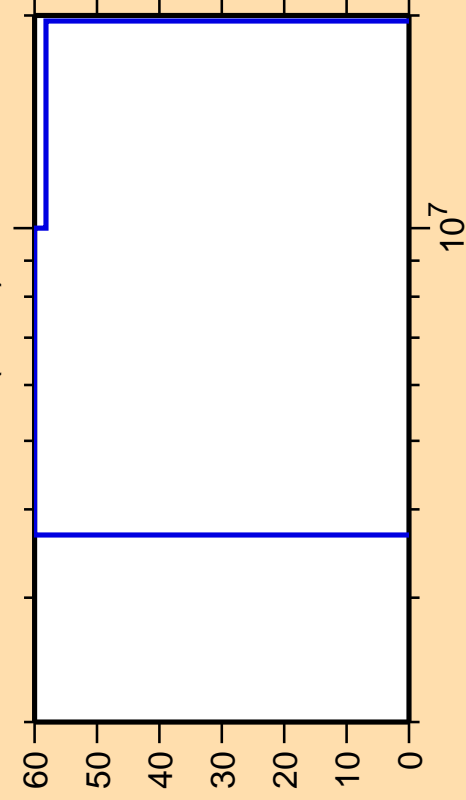
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$

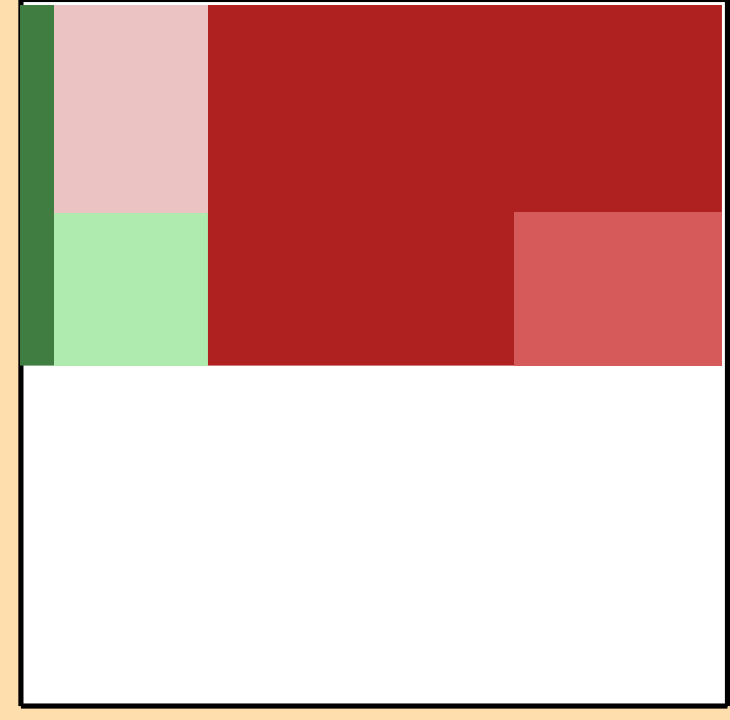
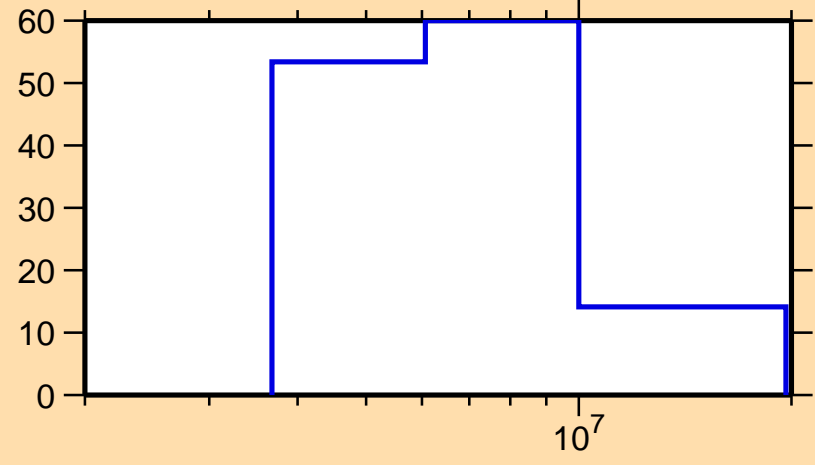


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

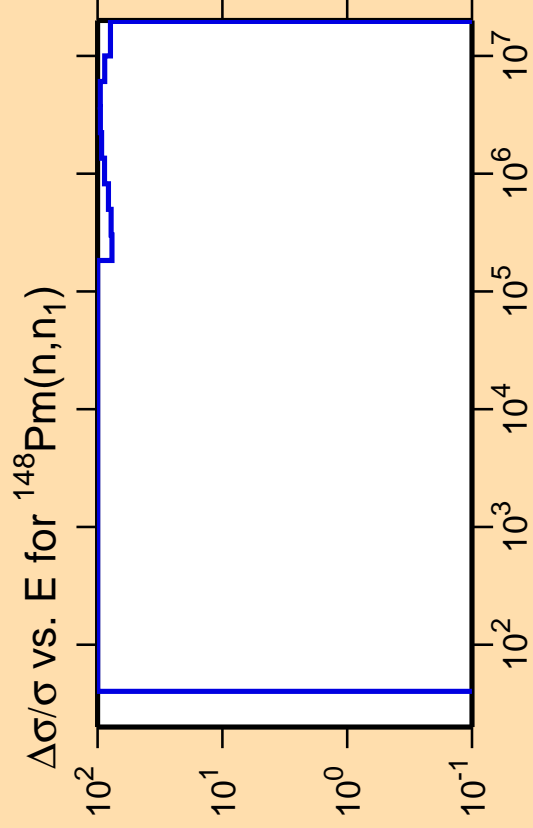
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{el.})$



Correlation Matrix

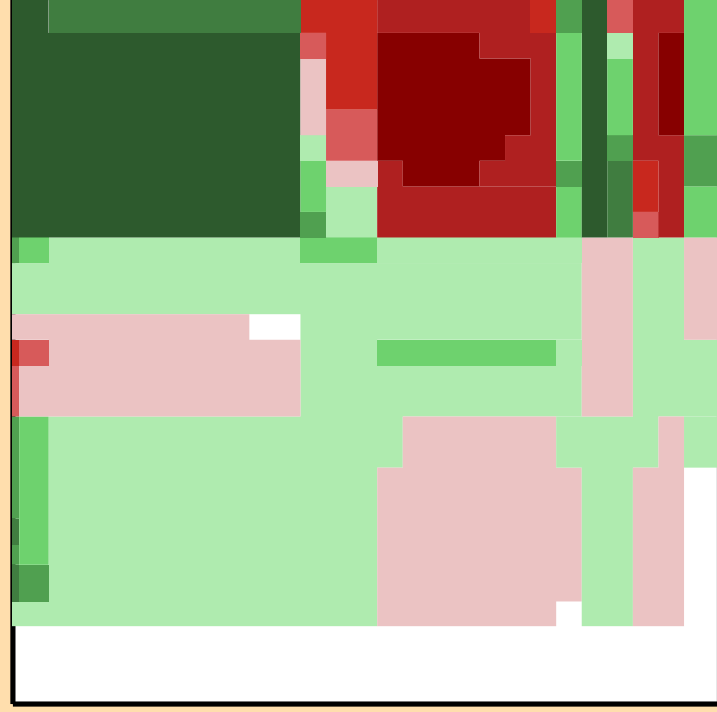
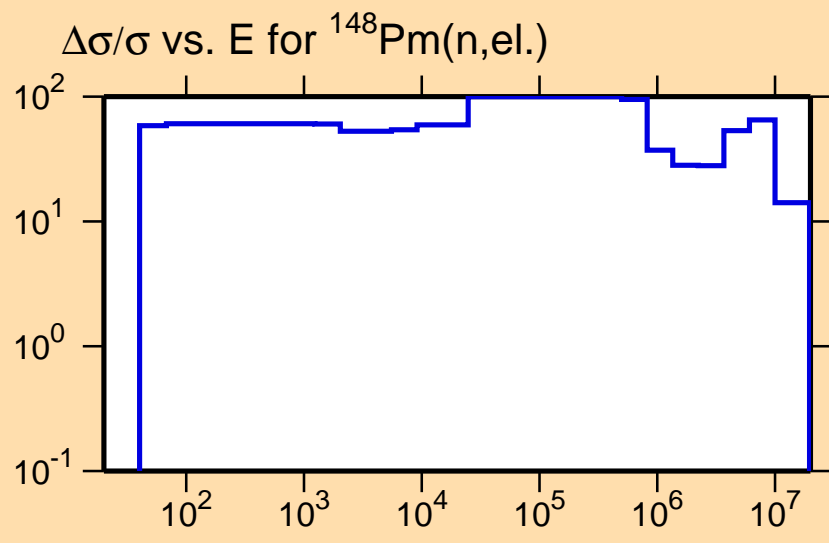




Ordinate scale is %  
relative standard deviation.

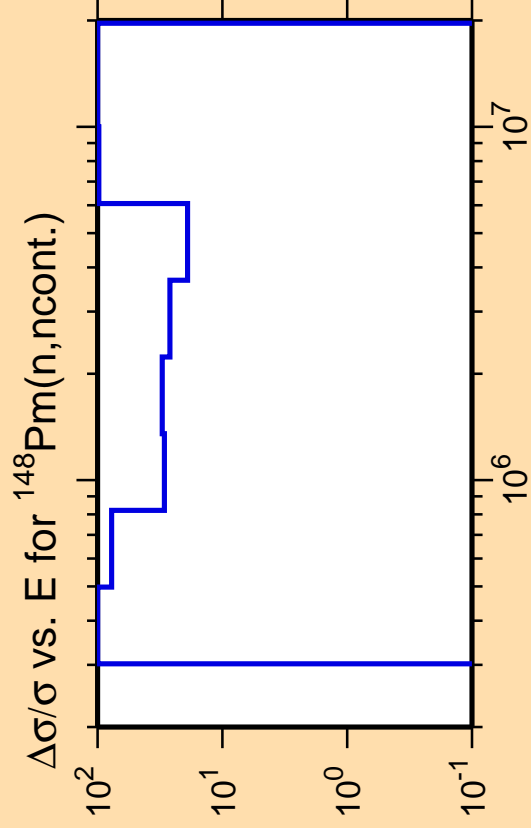
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

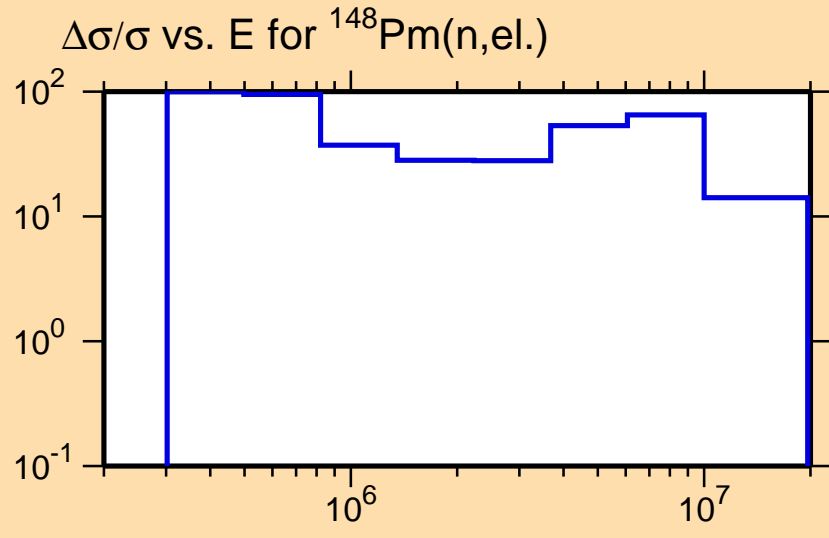




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

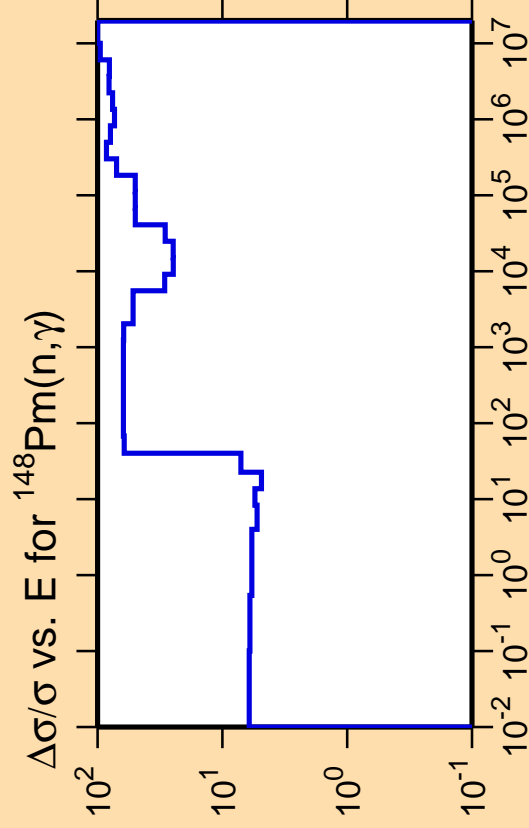
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



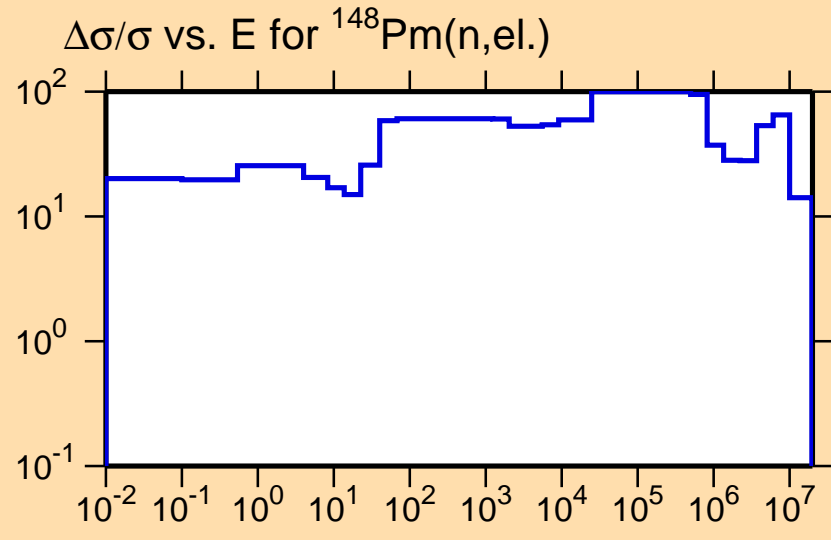




Ordinate scale is %  
relative standard deviation.

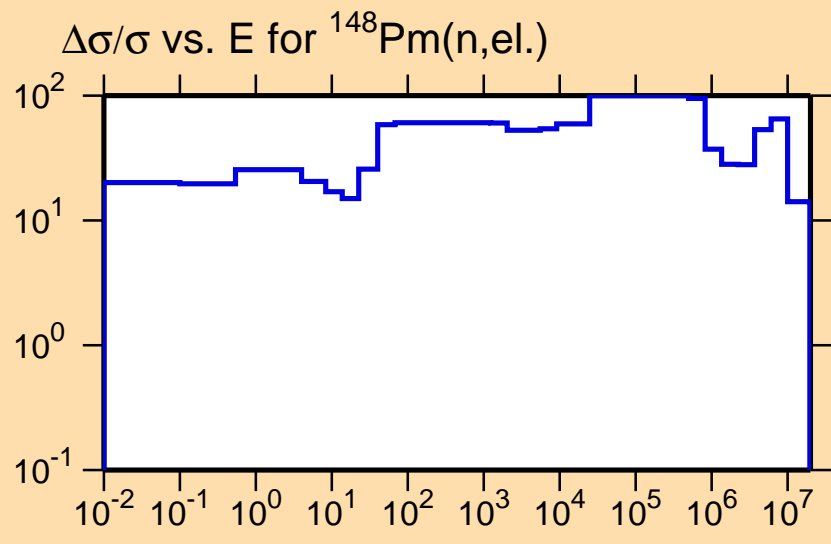
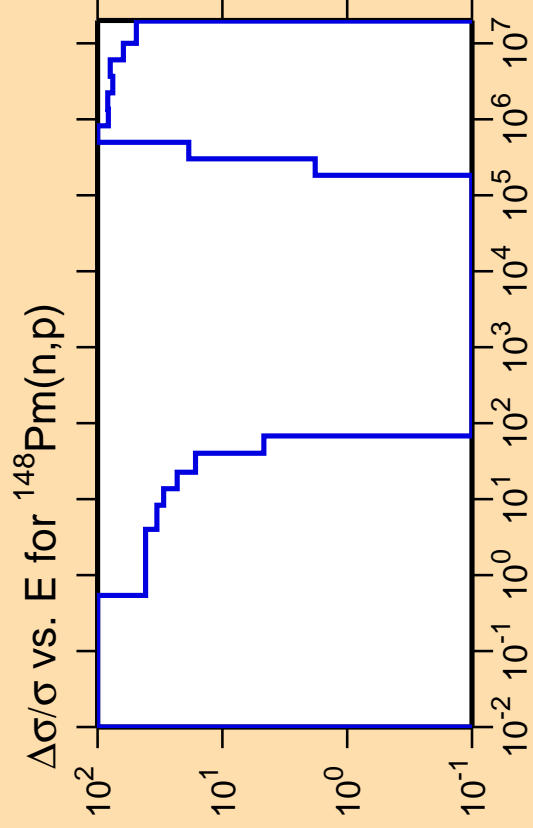
Abscissa scales are energy (eV).

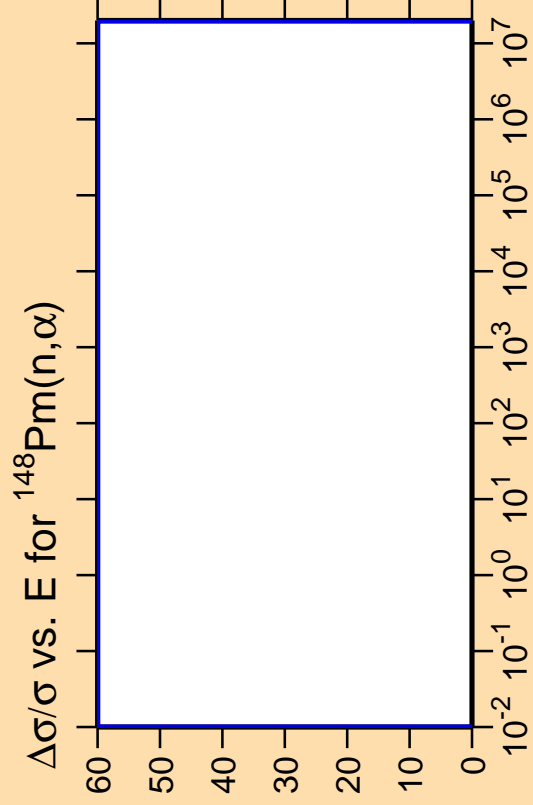
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



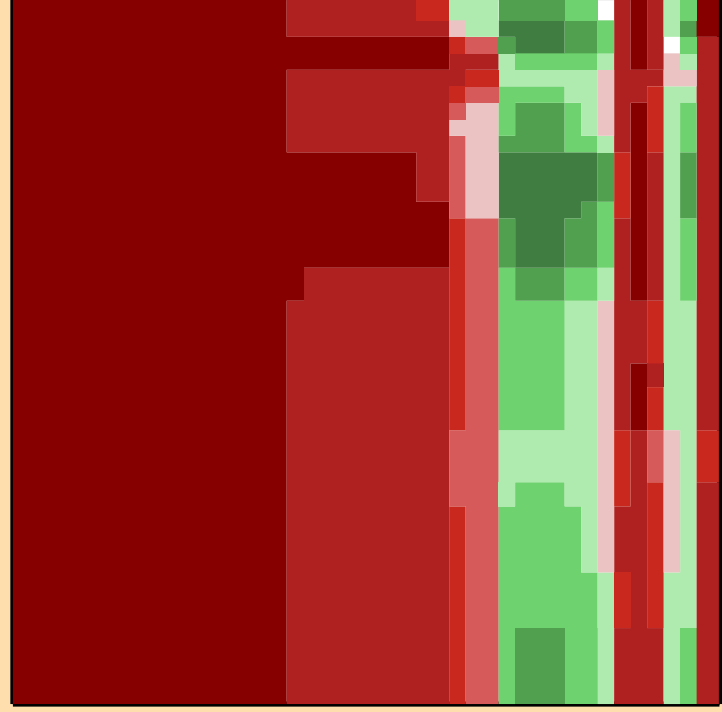
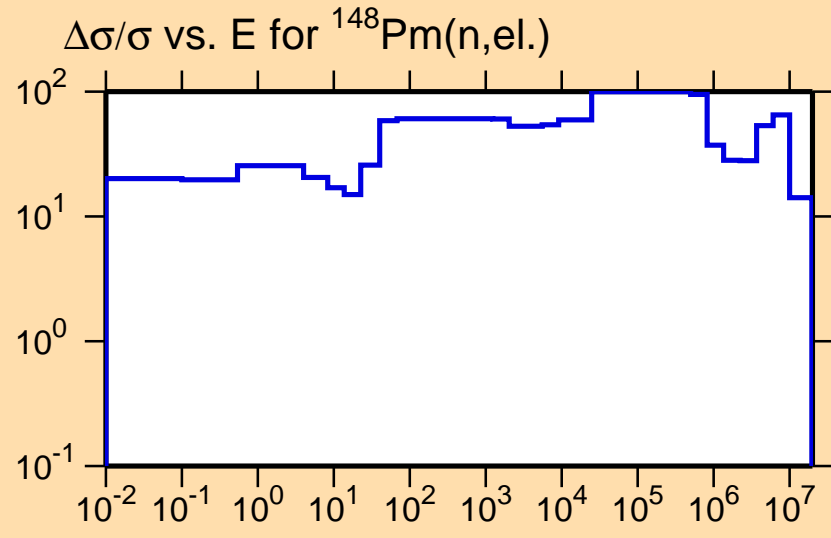




Ordinate scale is %  
relative standard deviation.

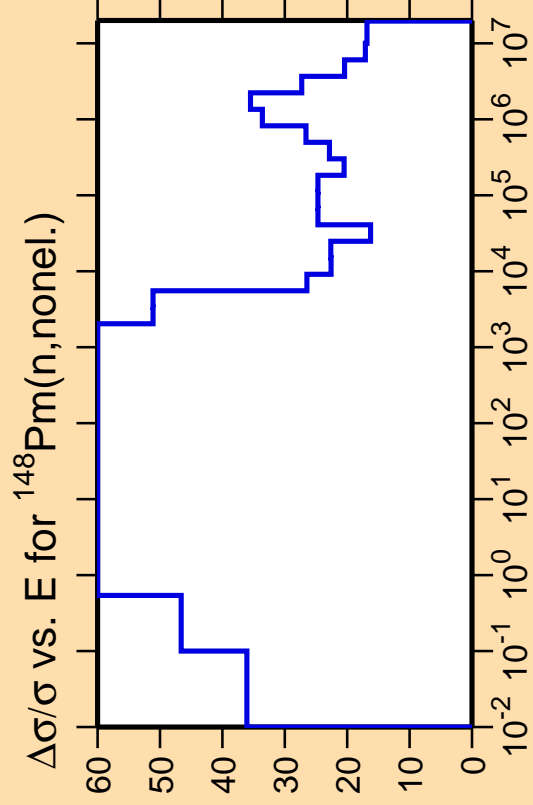
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

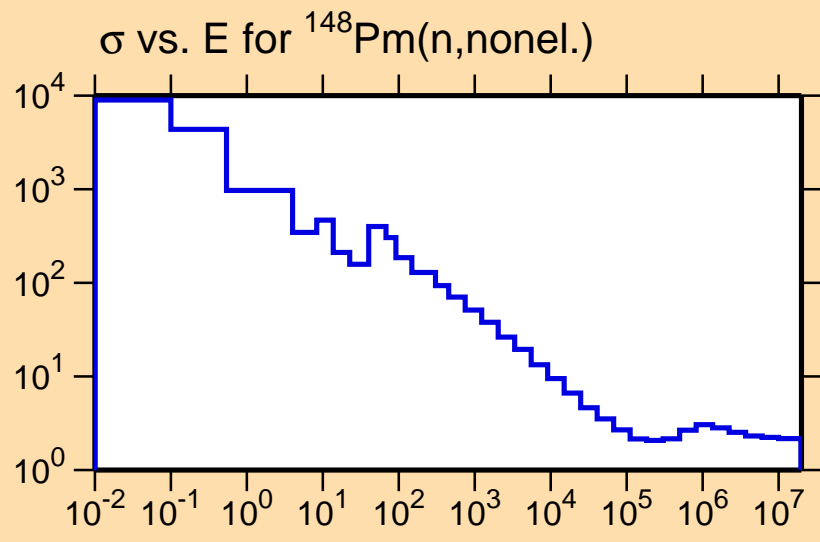


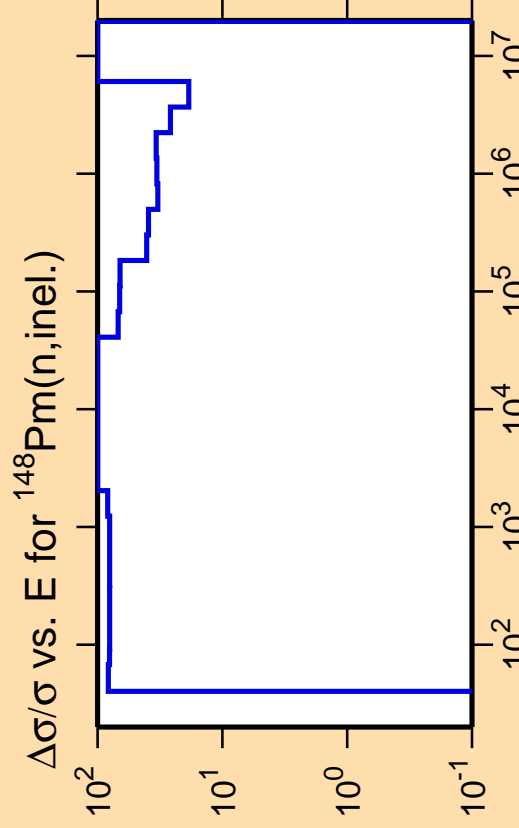


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

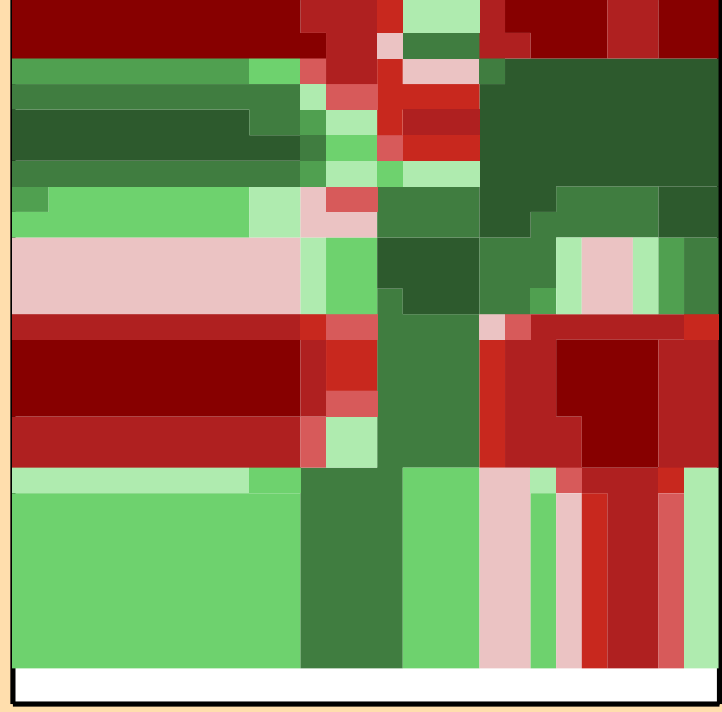
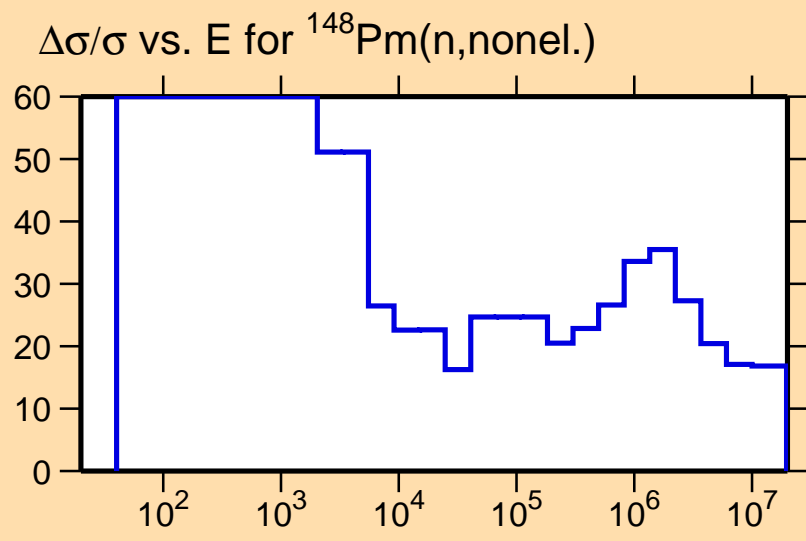




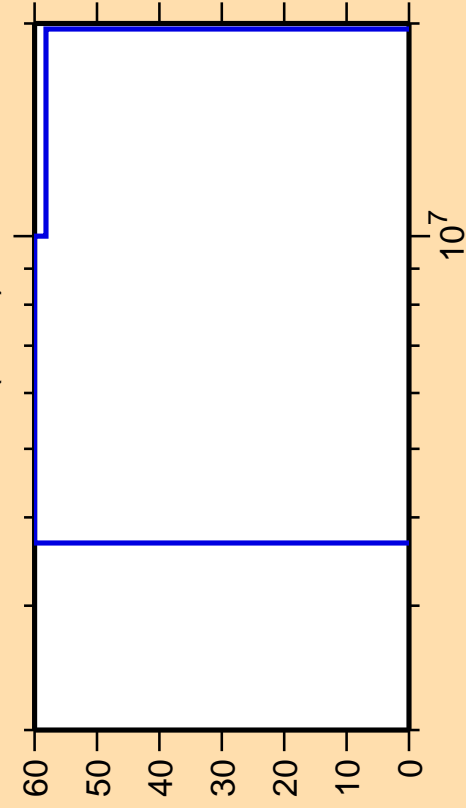
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



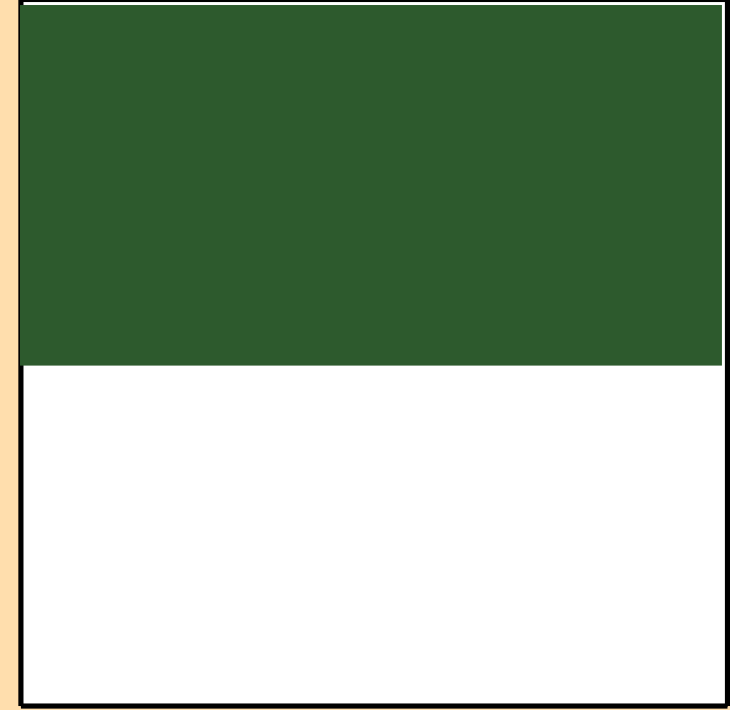
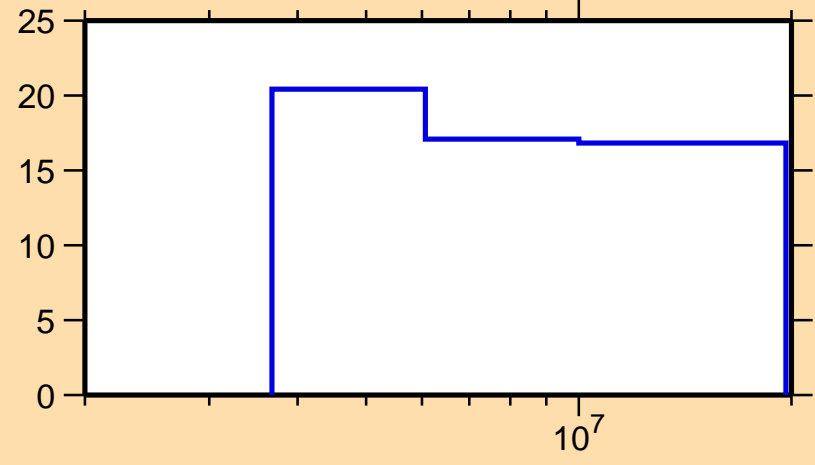
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



Abscissa scales are energy (eV).

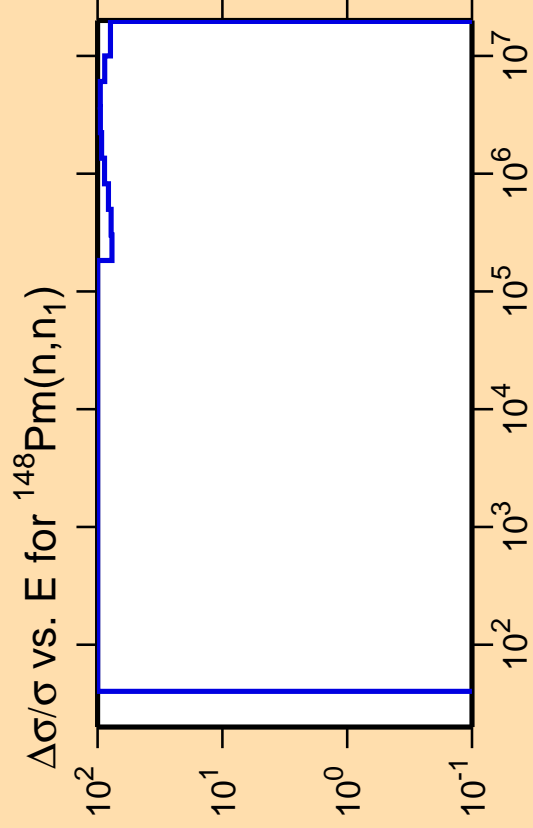
Warning: some uncertainty data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{nonel.})$



Correlation Matrix

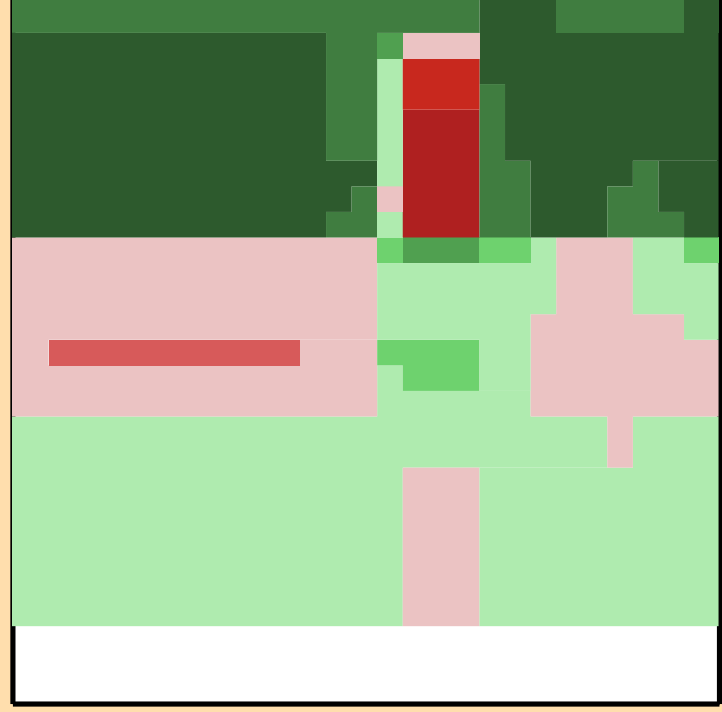
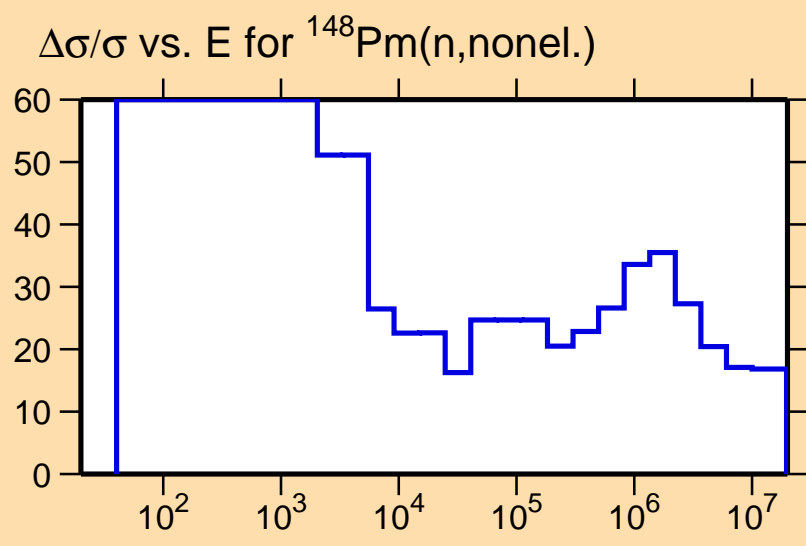




Ordinate scale is %  
relative standard deviation.

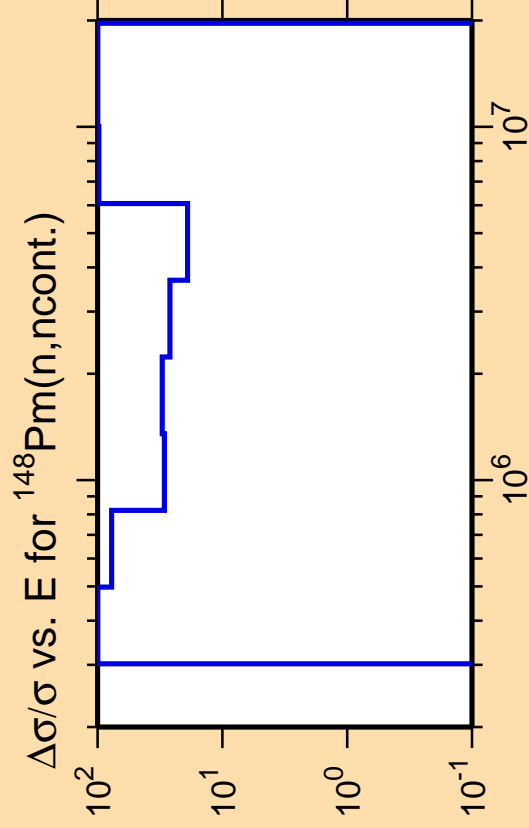
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

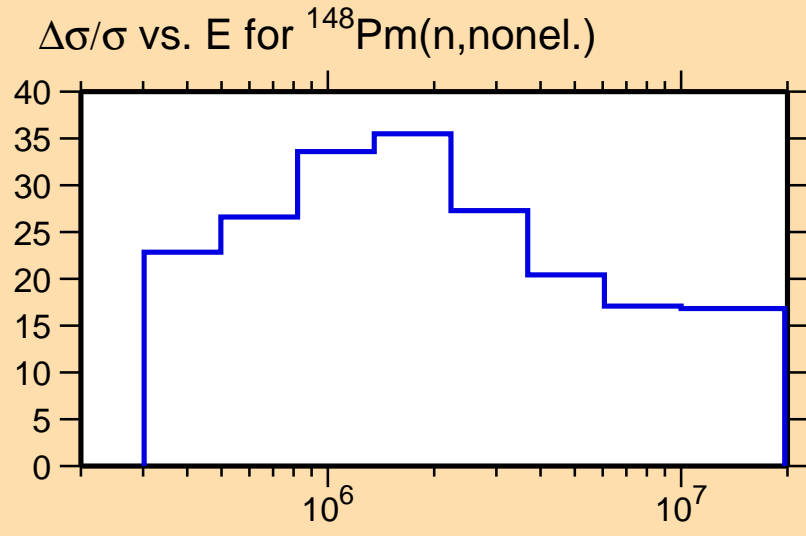




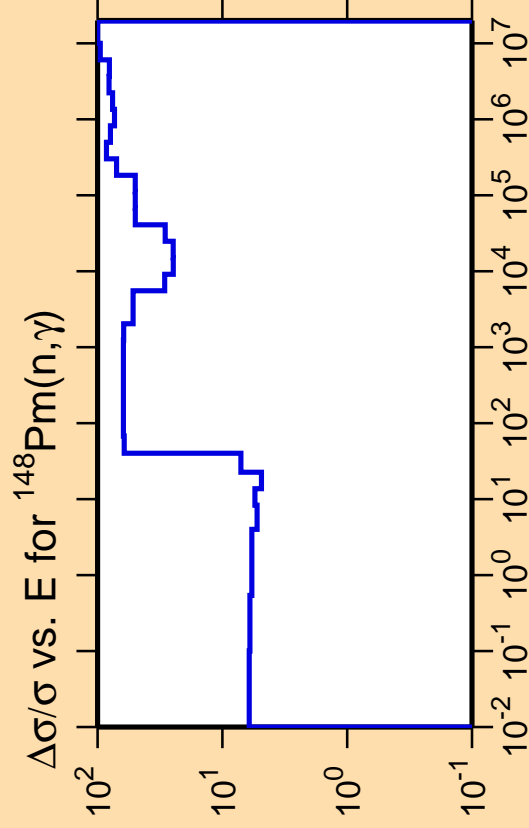
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



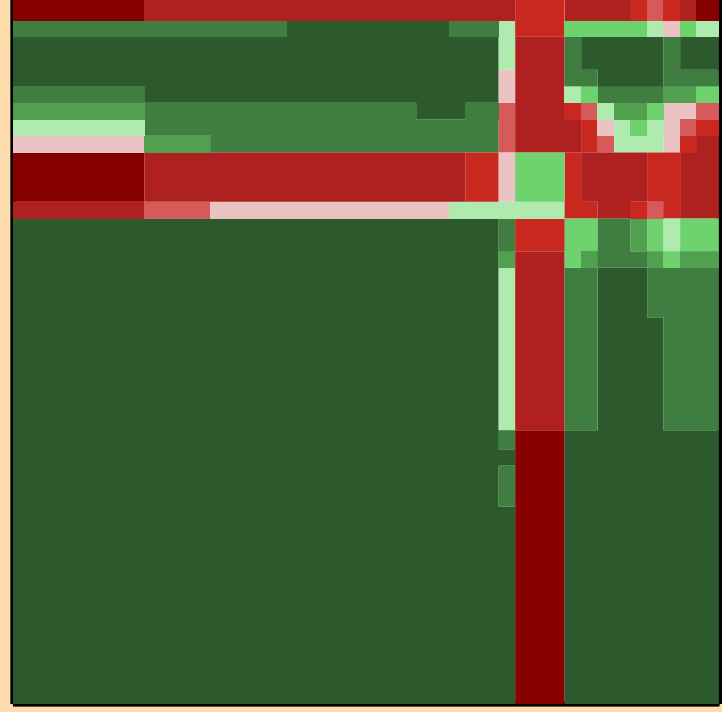
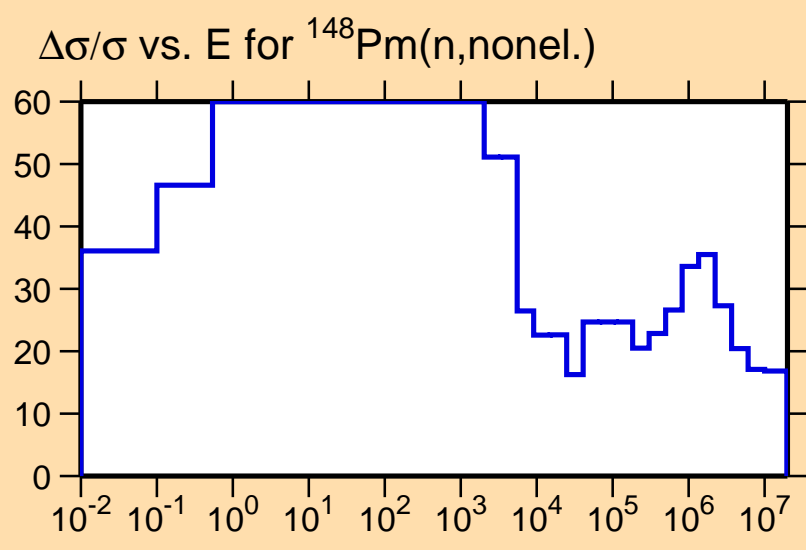




Ordinate scale is %  
relative standard deviation.

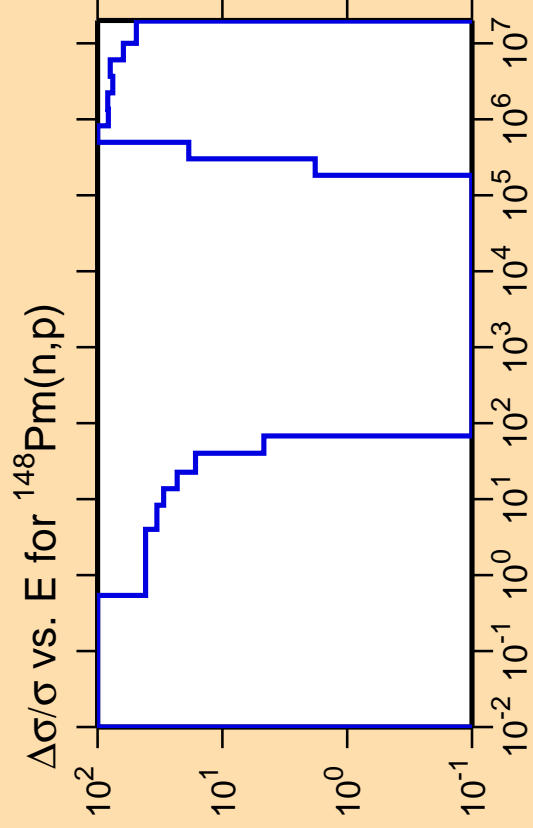
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



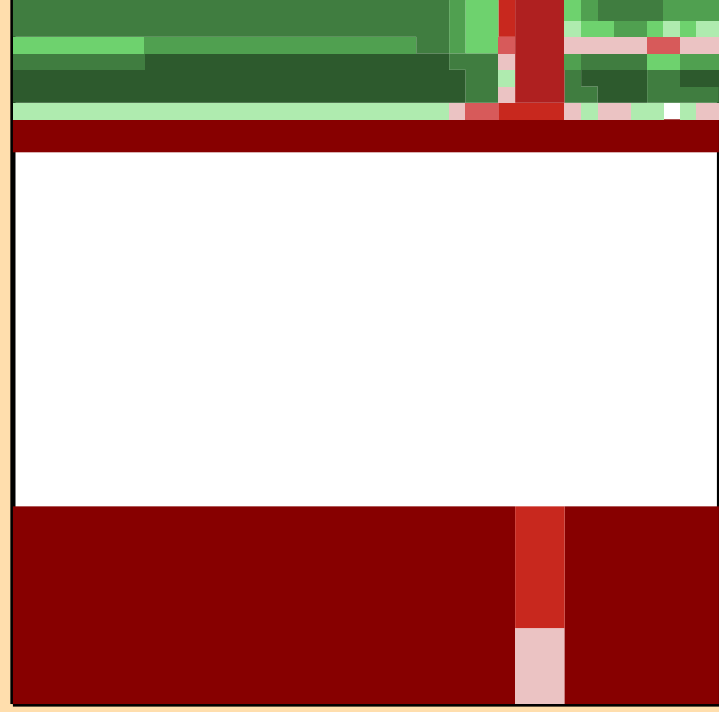
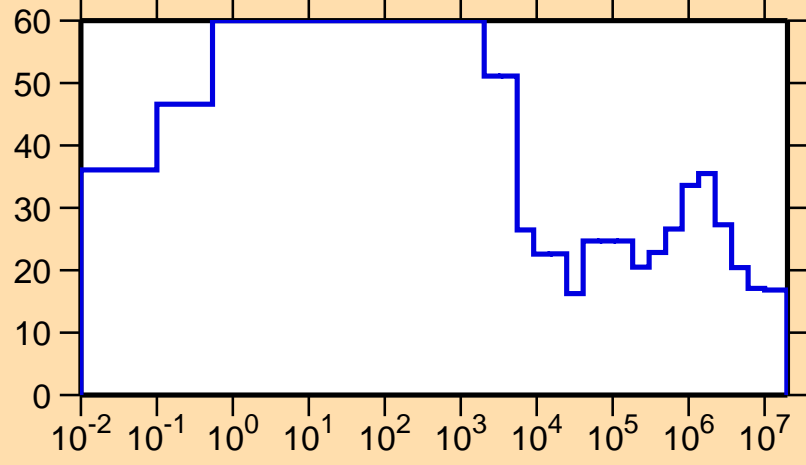


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

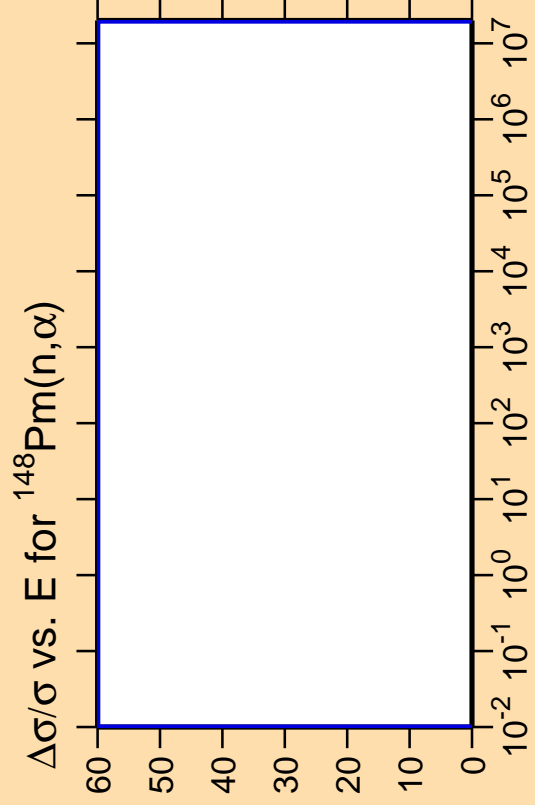
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{nonel.})$



Correlation Matrix

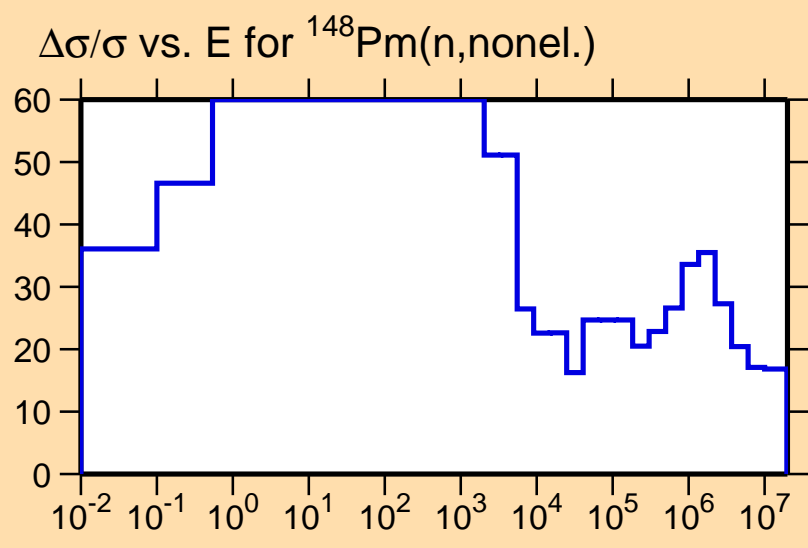




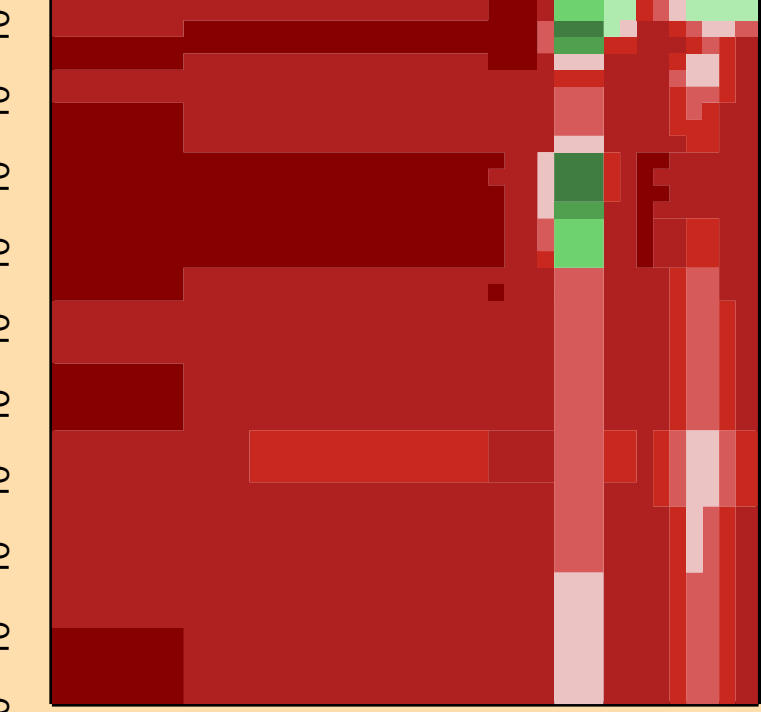
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

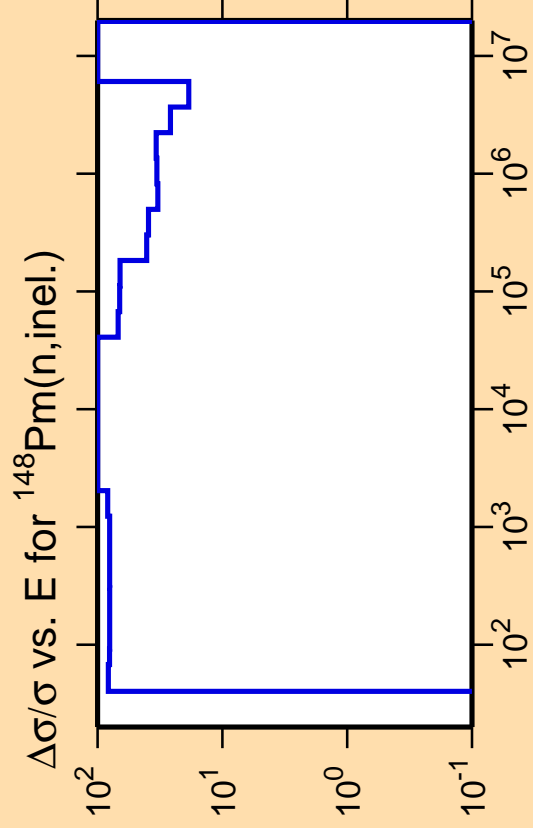


$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\alpha)$



Correlation Matrix

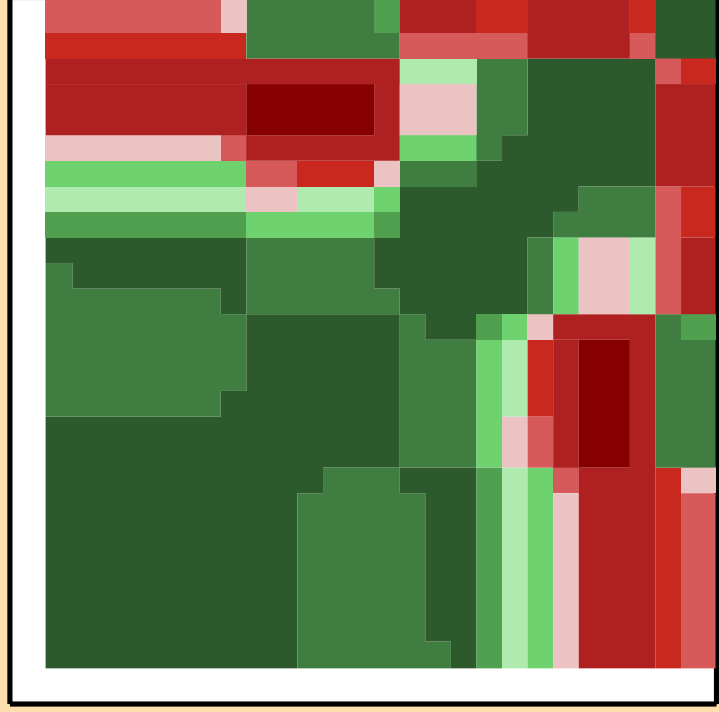
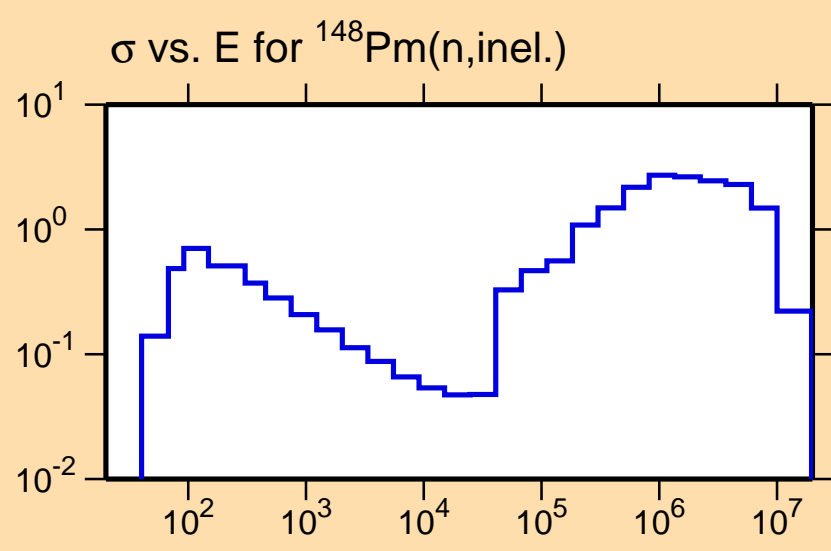




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

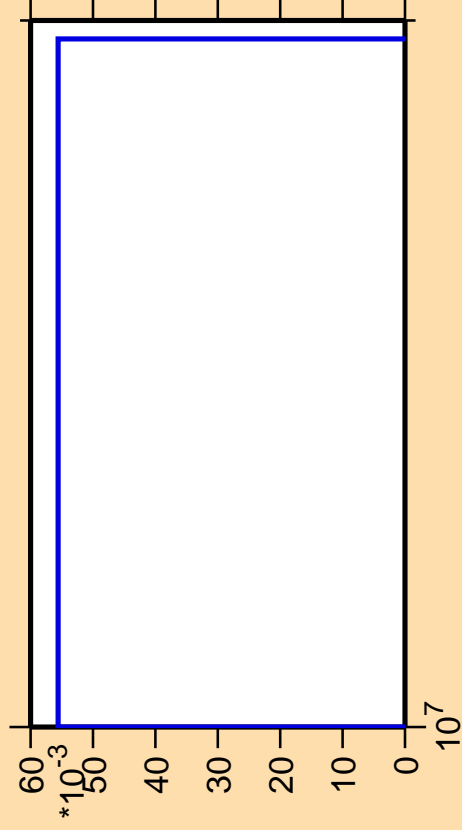
Warning: some uncertainty data were suppressed.



Correlation Matrix



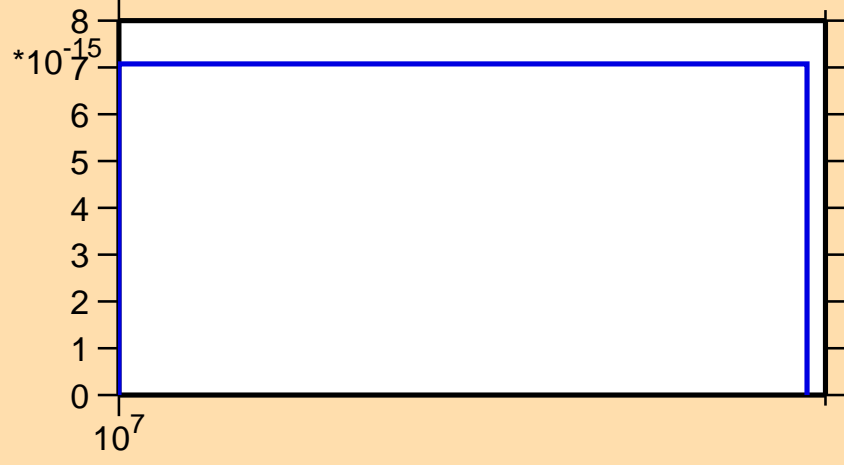
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 11)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

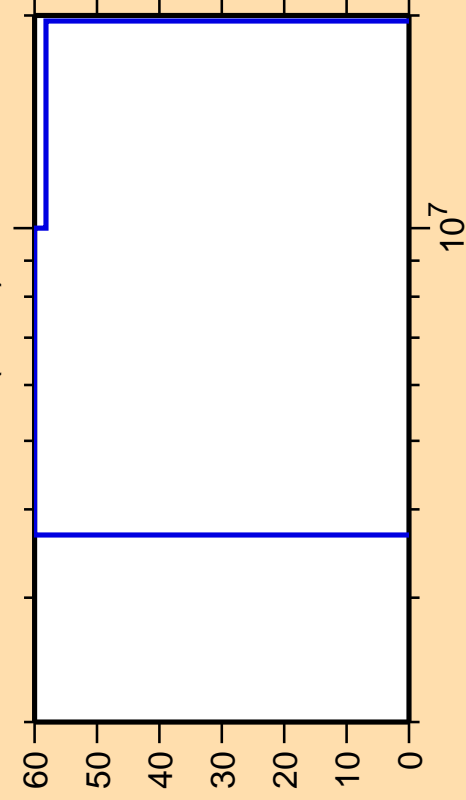
$\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 11)



Correlation Matrix



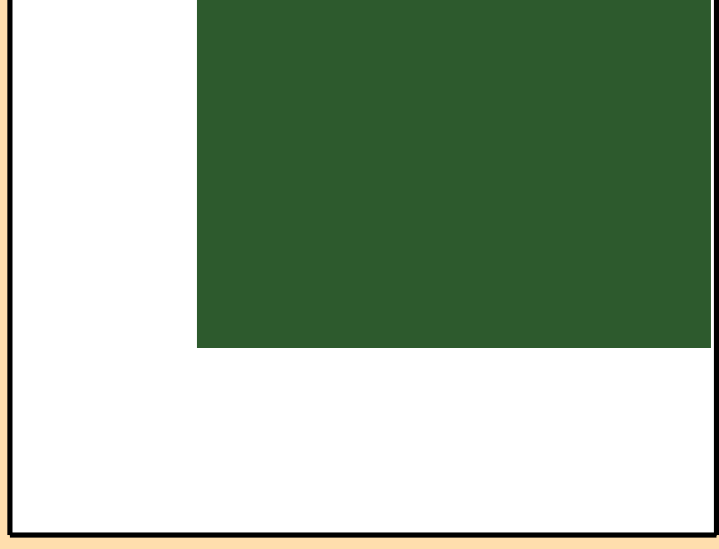
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



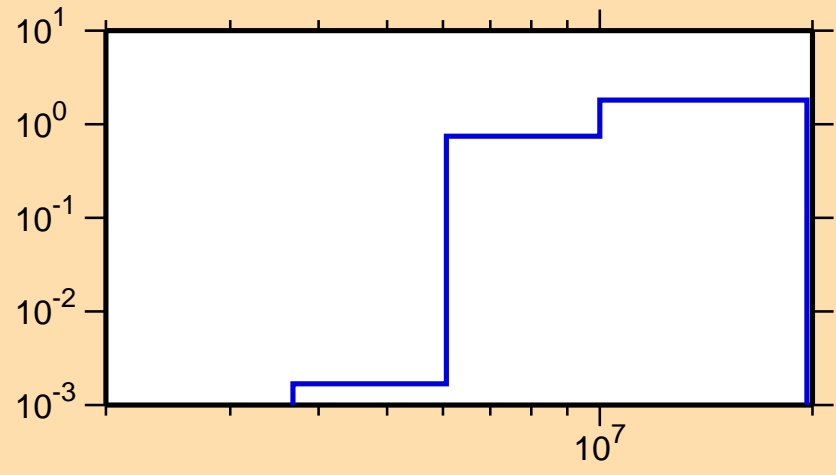
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



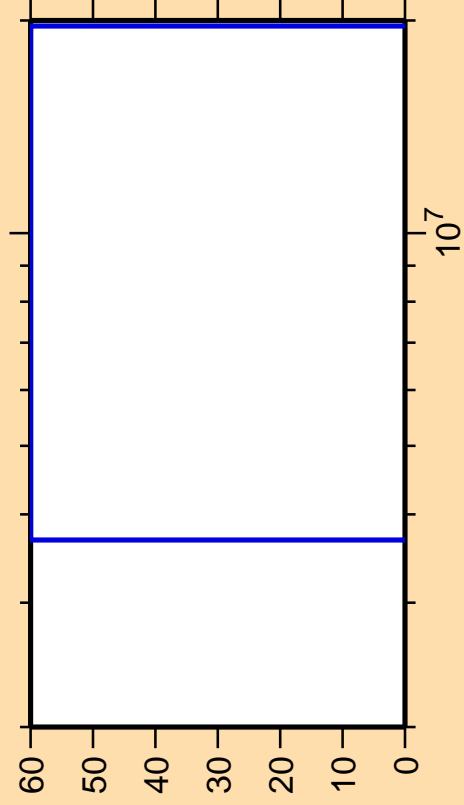
$\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,n_1)$

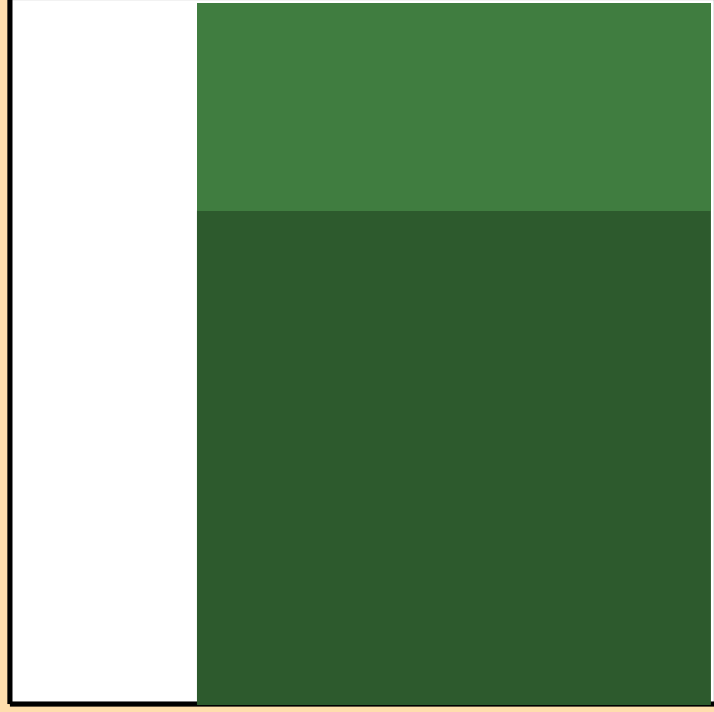
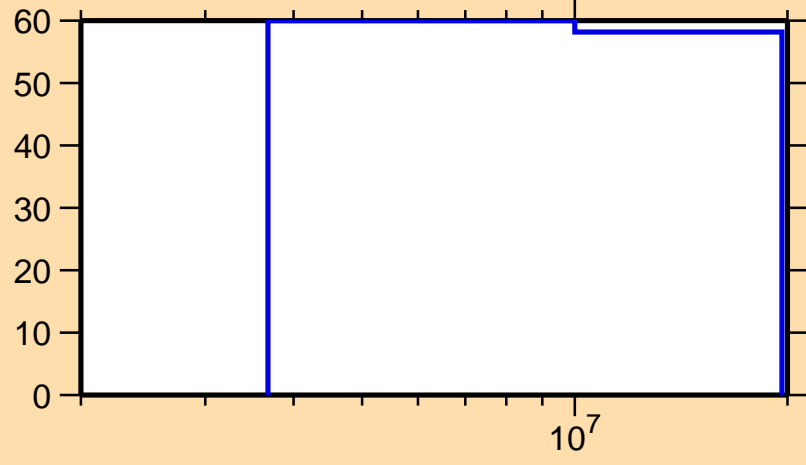


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

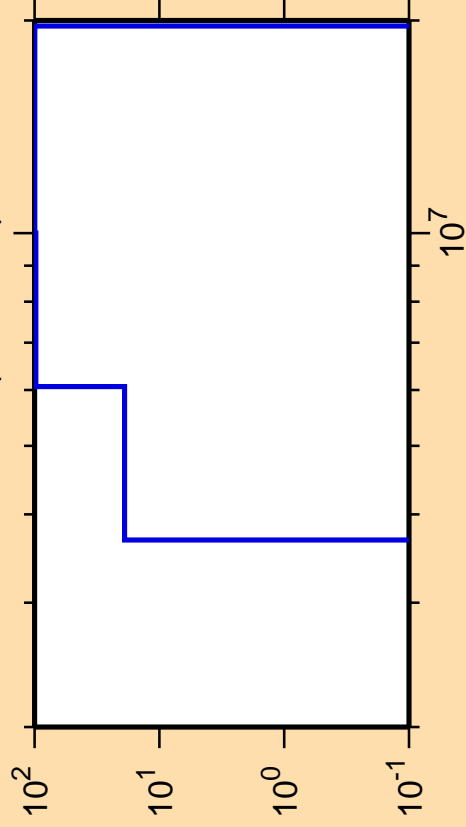
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,n\text{cont.})$

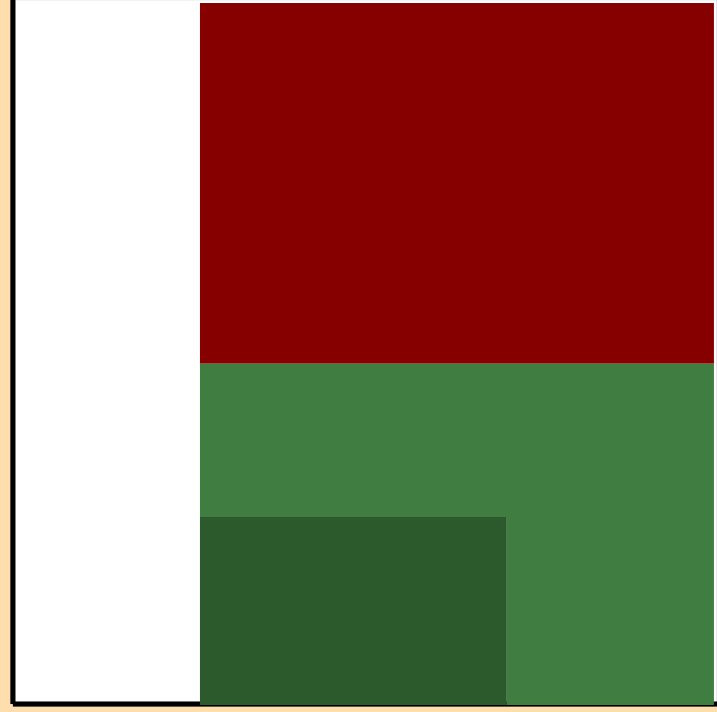
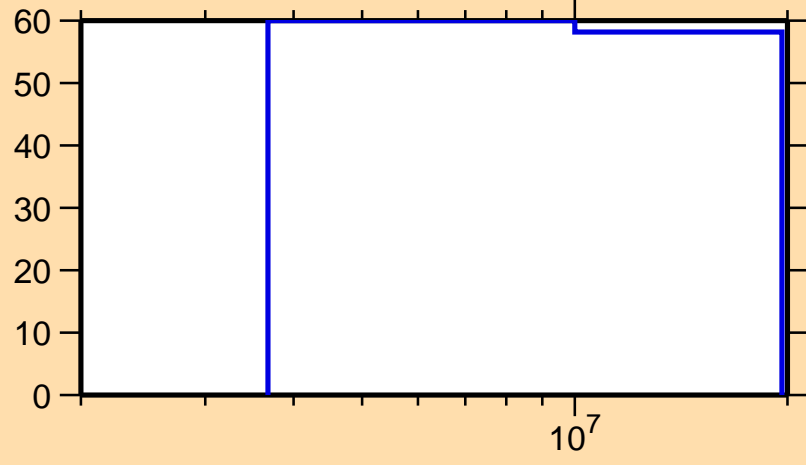


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$

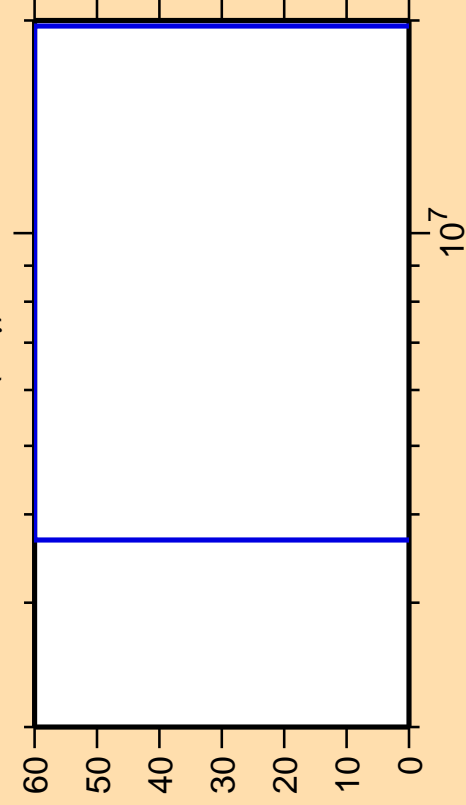


Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\gamma)$

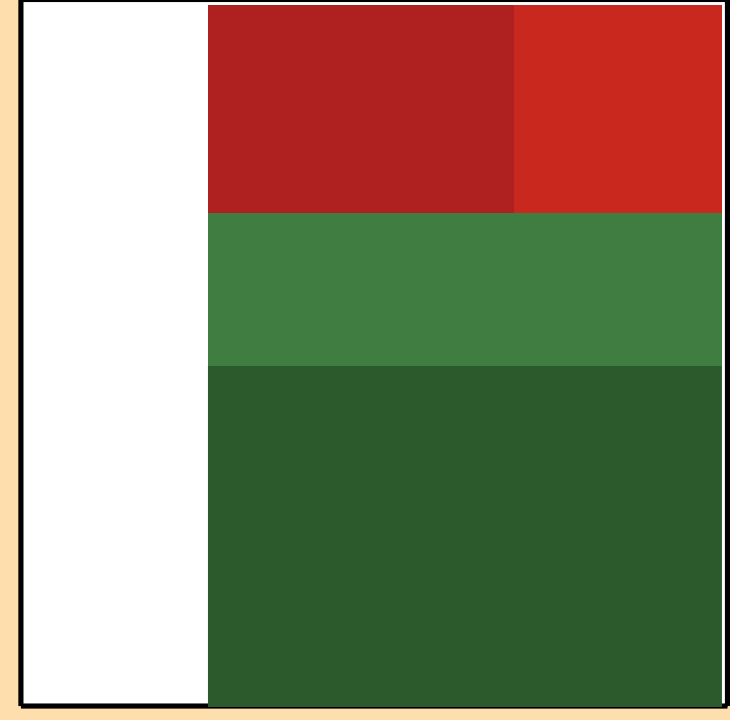
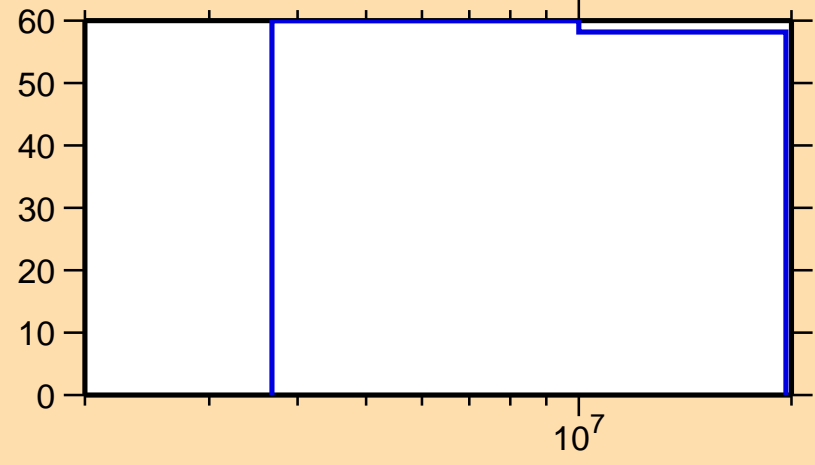


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

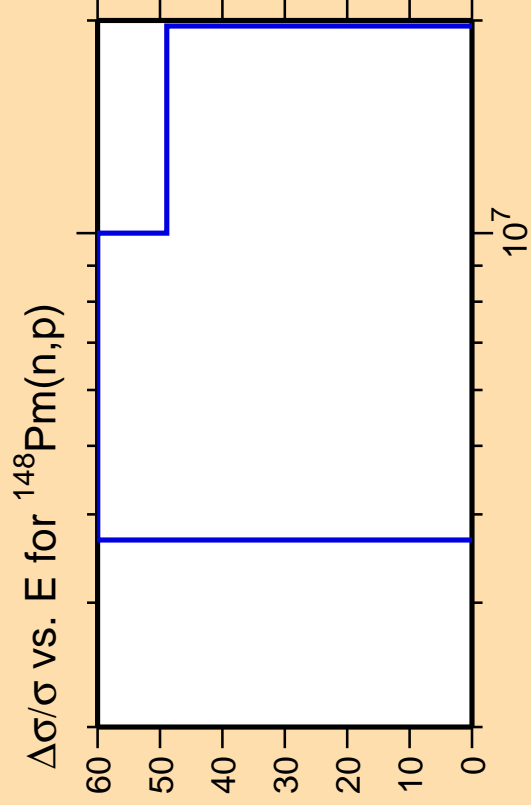
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



Correlation Matrix

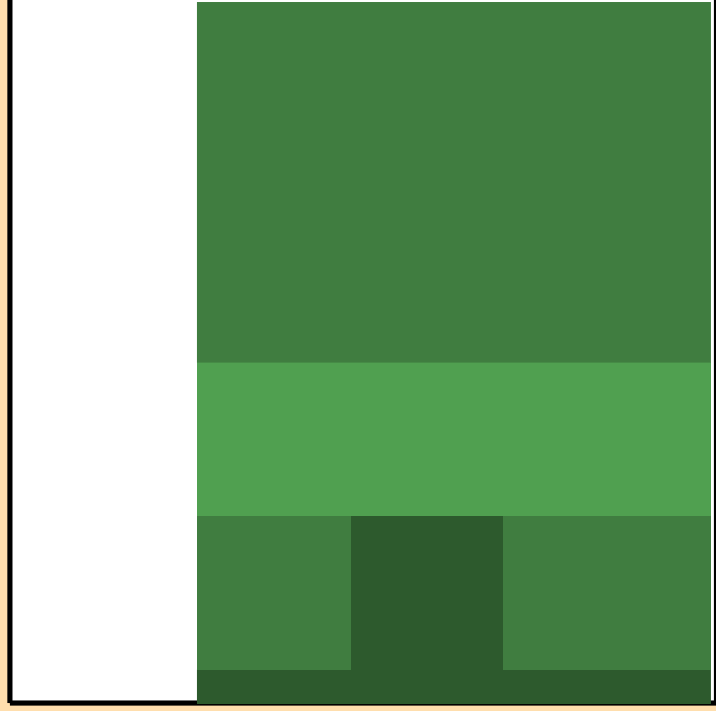
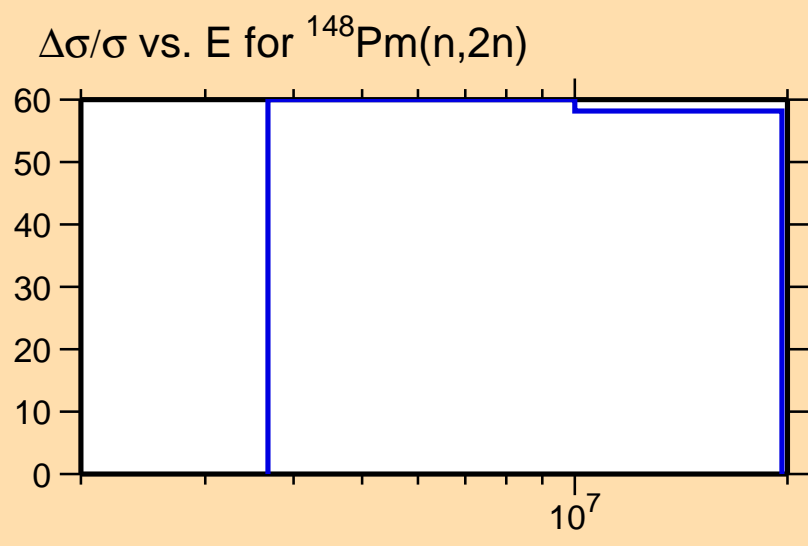




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

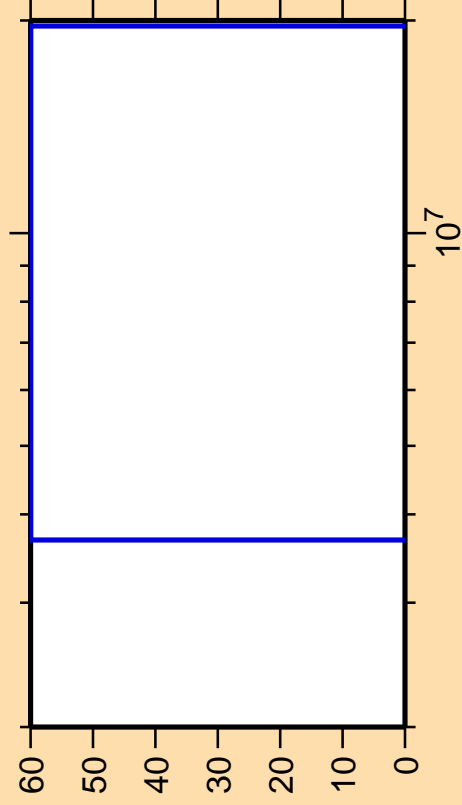
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\alpha)$

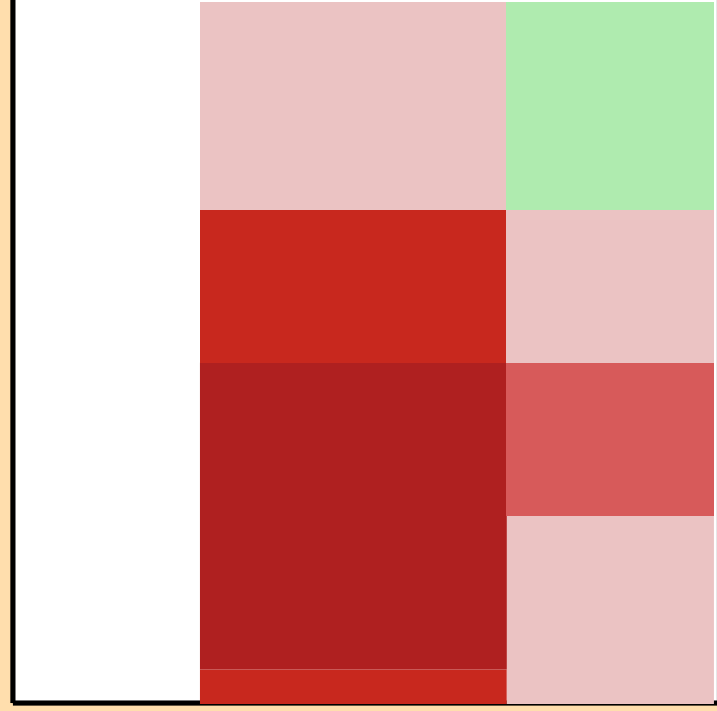
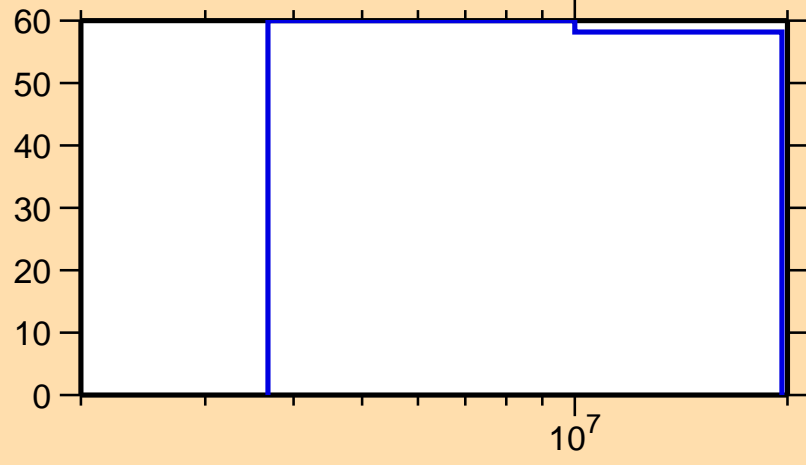


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,3n)$

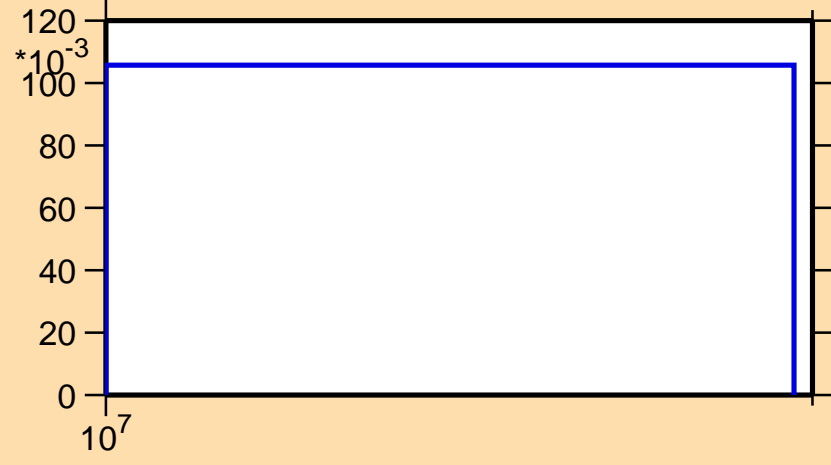


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{148}\text{Pm}(n,3n)$



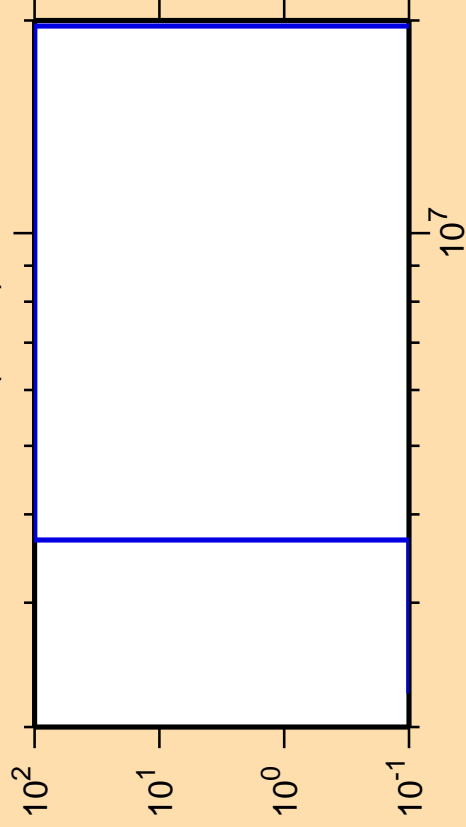
$10^7$

$100 \times 10^{-3}$

Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,n\alpha)$

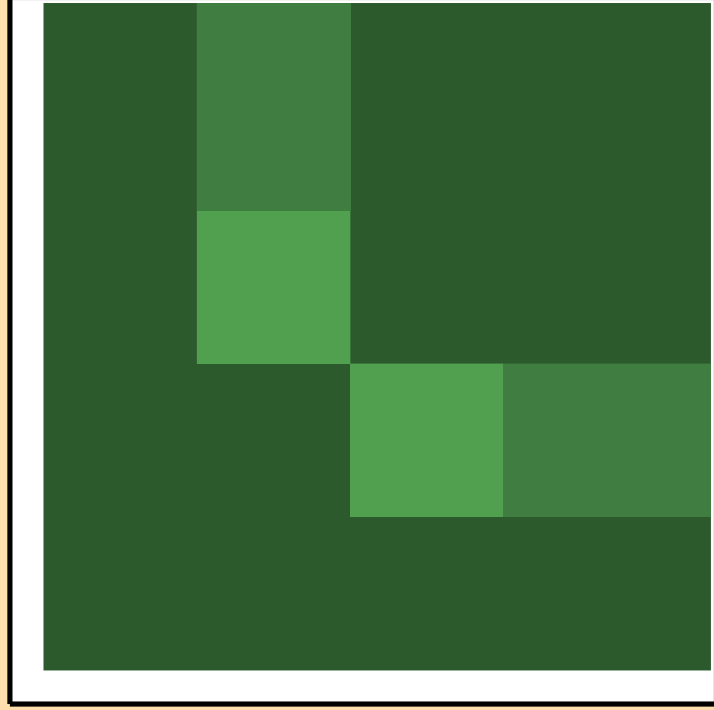
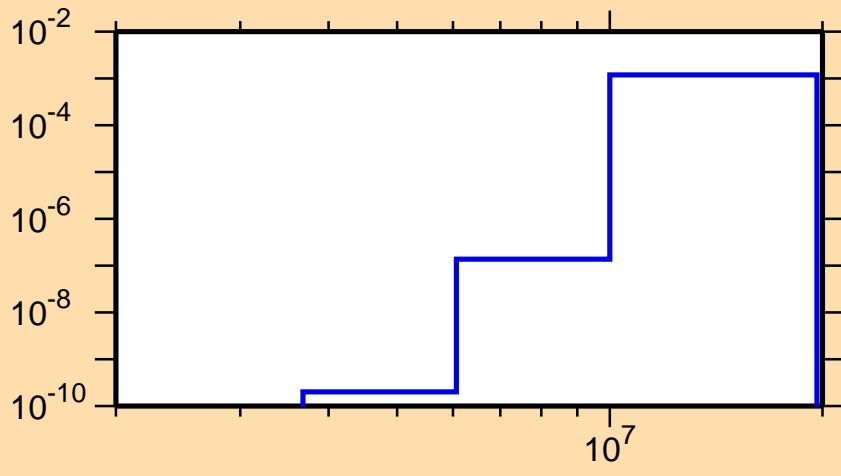


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

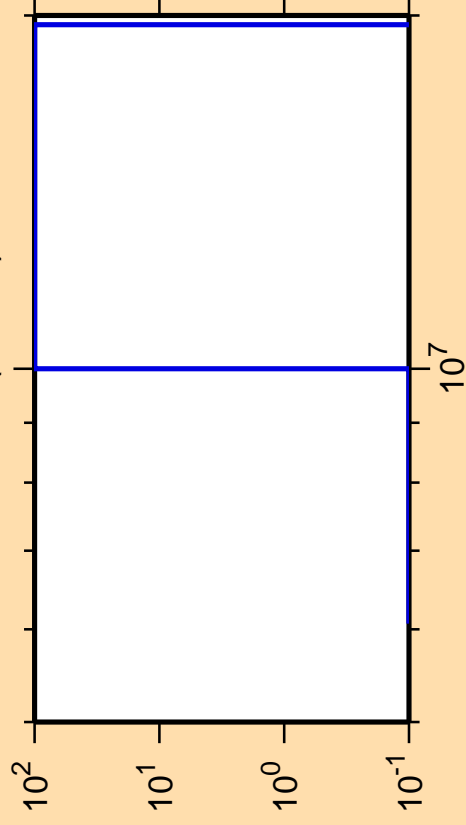
$\sigma$  vs. E for  $^{148}\text{Pm}(n,n\alpha)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2n\alpha)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

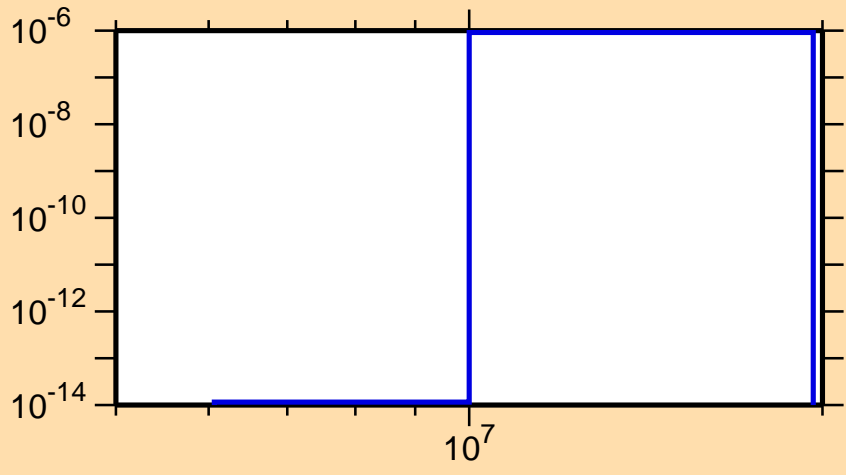
Warning: some uncertainty data were suppressed.



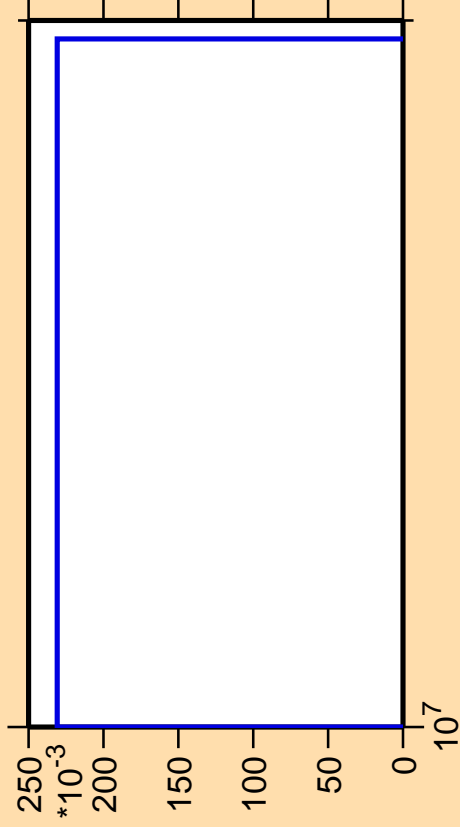
Correlation Matrix



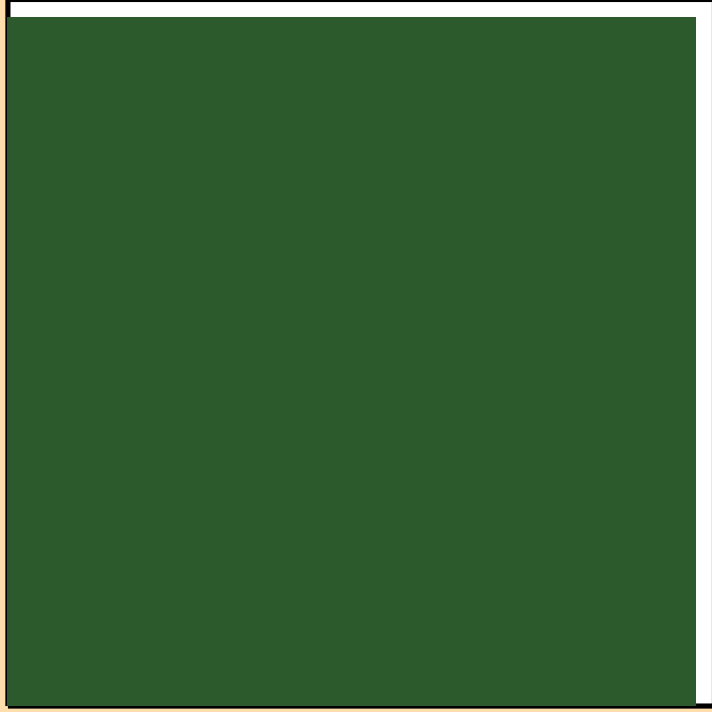
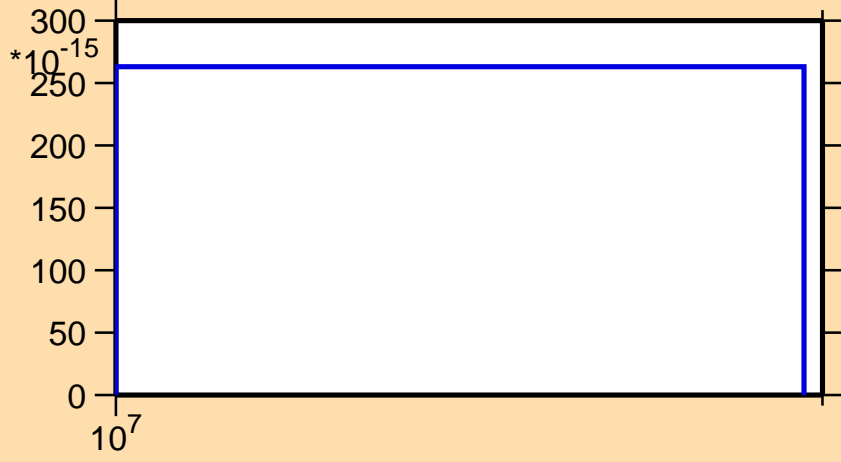
$\sigma$  vs. E for  $^{148}\text{Pm}(n,2n\alpha)$



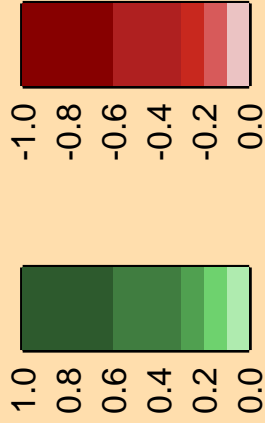
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,3n\alpha)$



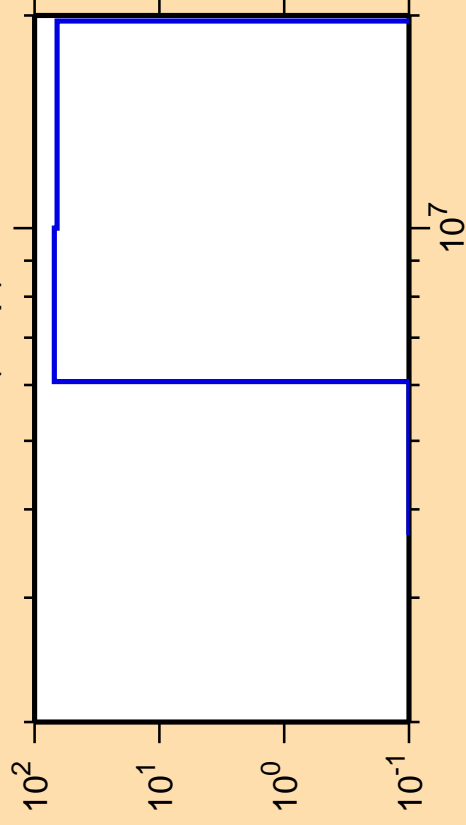
$\sigma$  vs. E for  $^{148}\text{Pm}(n,3n\alpha)$



Correlation Matrix



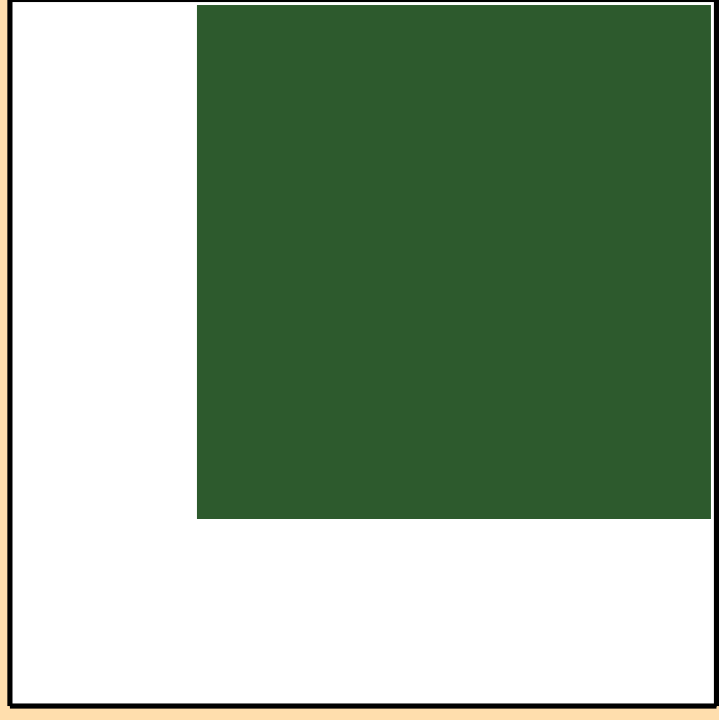
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,np)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

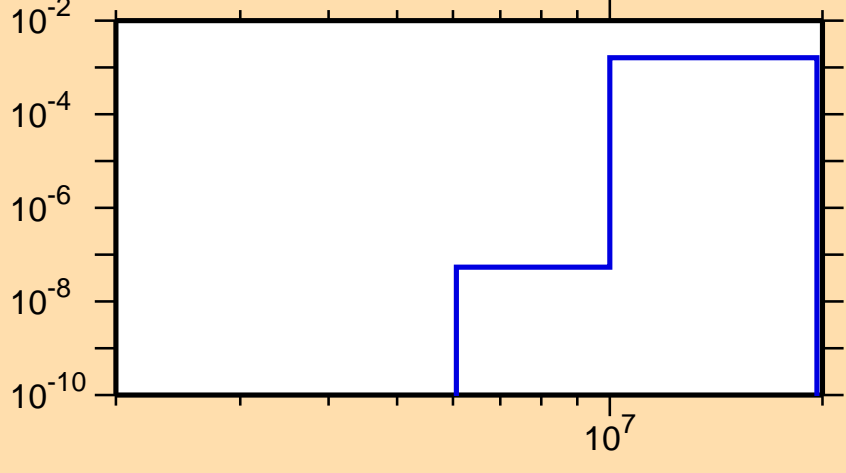
Warning: some uncertainty data were suppressed.



Correlation Matrix

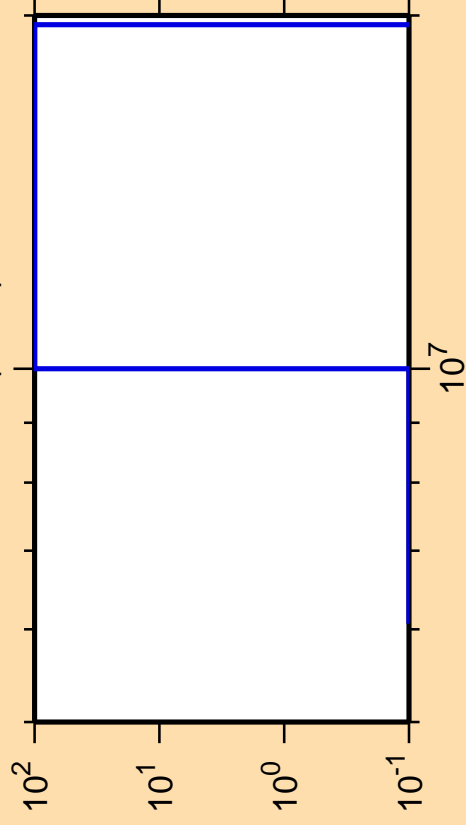


$\sigma$  vs. E for  $^{148}\text{Pm}(n,np)$





$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,nd)$



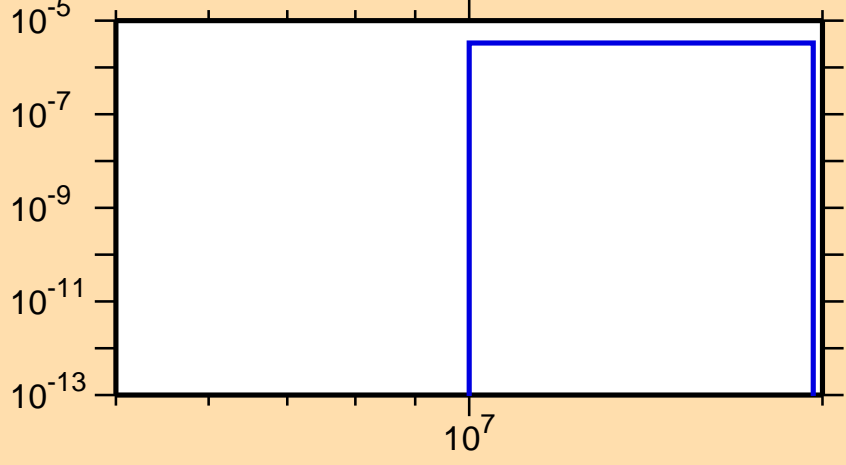
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



$\sigma$  vs. E for  $^{148}\text{Pm}(n,nd)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,nt)$

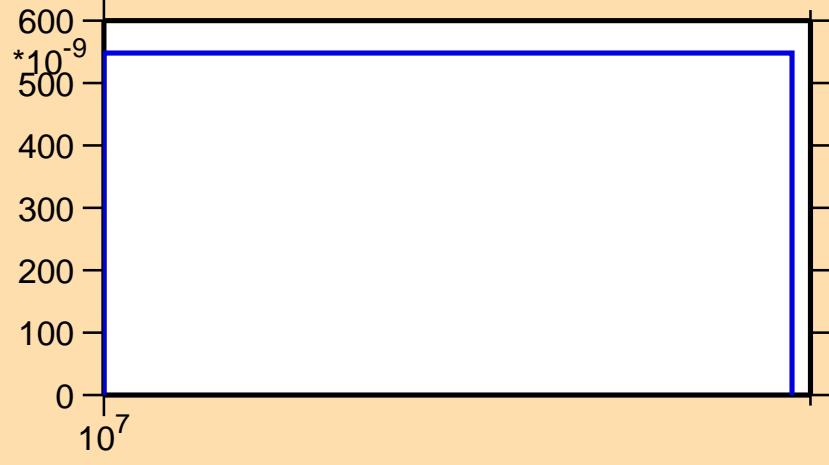


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

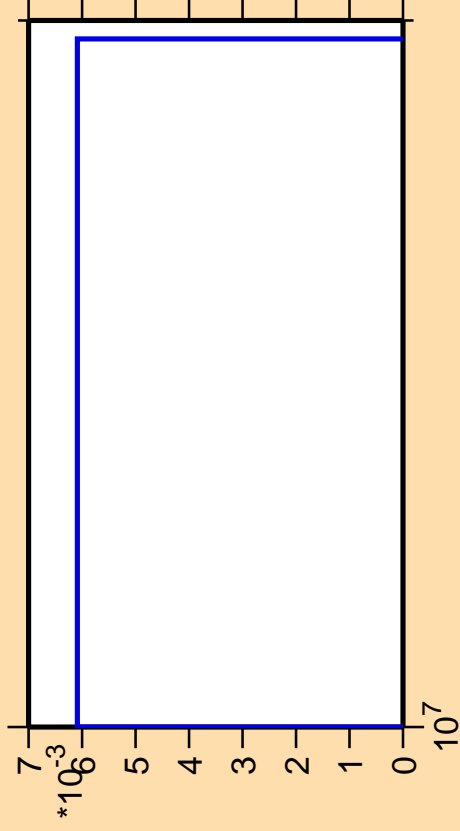
$\sigma$  vs. E for  $^{148}\text{Pm}(n,nt)$



Correlation Matrix



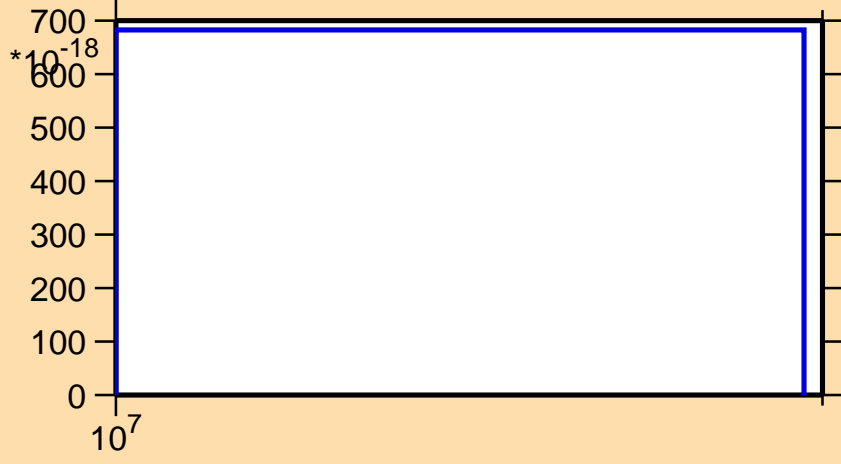
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 34)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 34)



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,2np)$

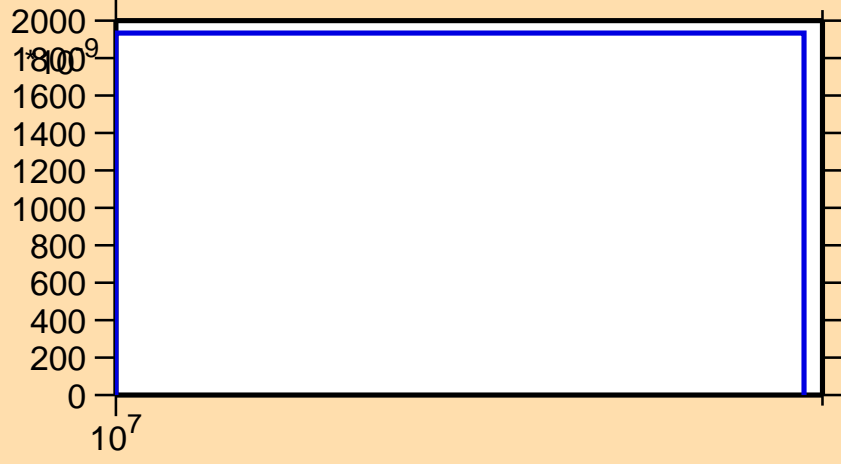


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

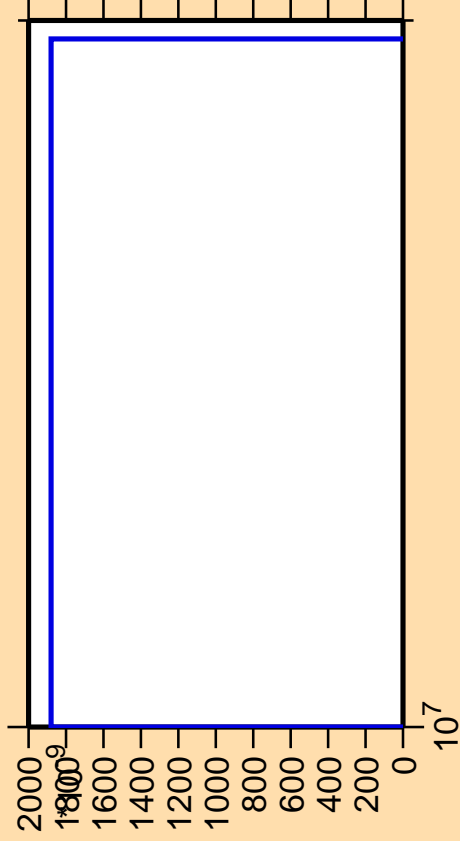
$\sigma$  vs. E for  $^{148}\text{Pm}(n,2np)$



Correlation Matrix



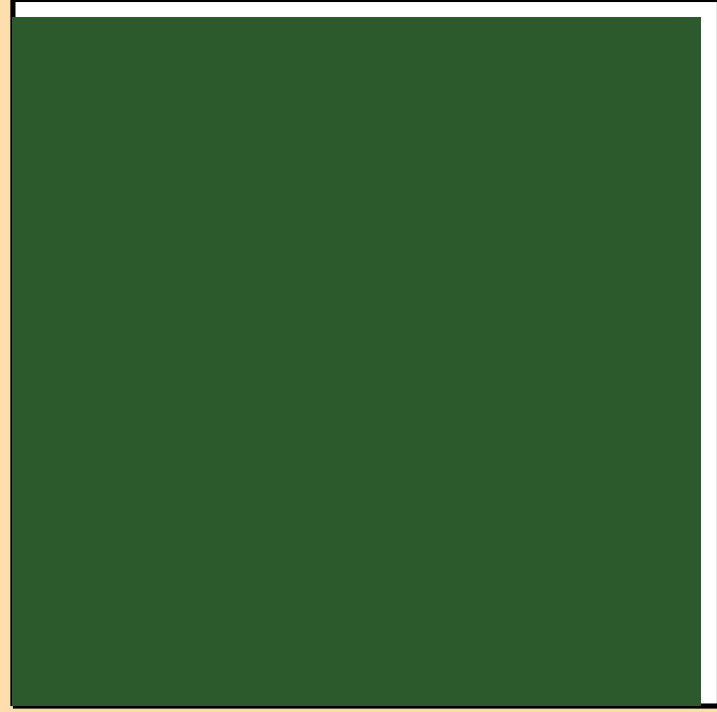
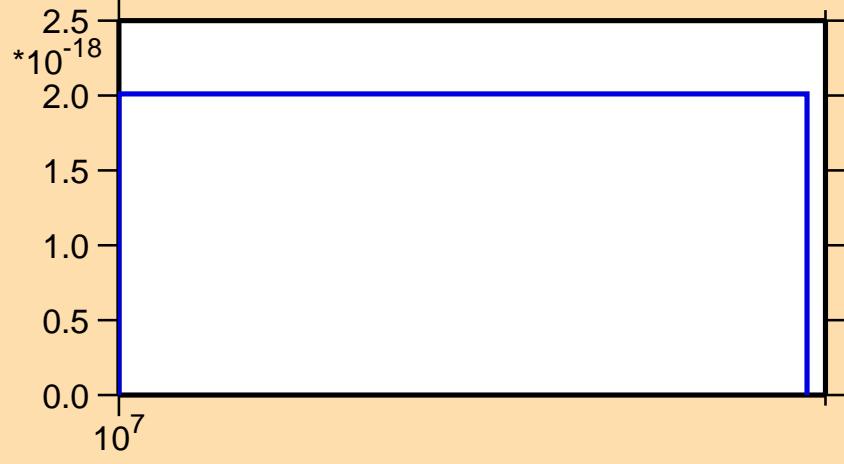
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 42)



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

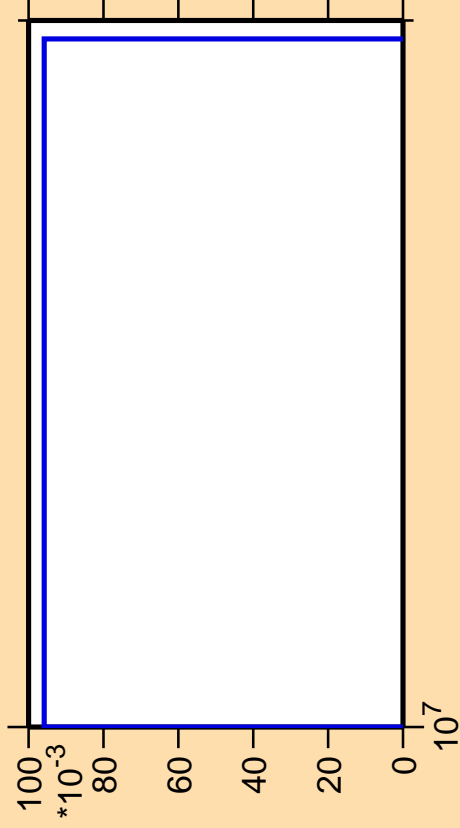
$\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 42)



Correlation Matrix



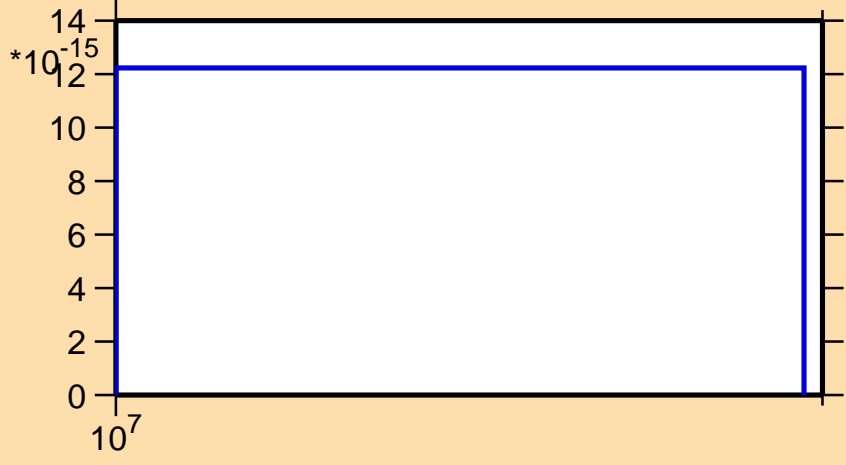
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 45)



Ordinate scales are % relative standard deviation and barns.

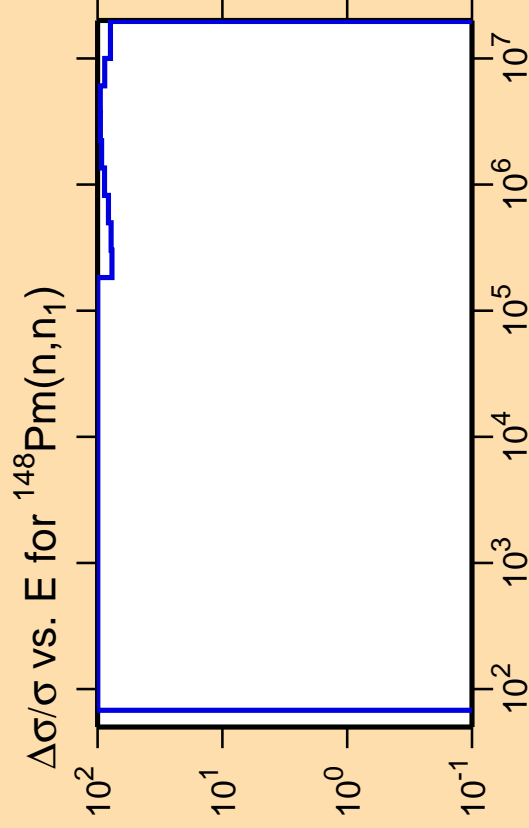
Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{148}\text{Pm}$ (mt 45)



Correlation Matrix

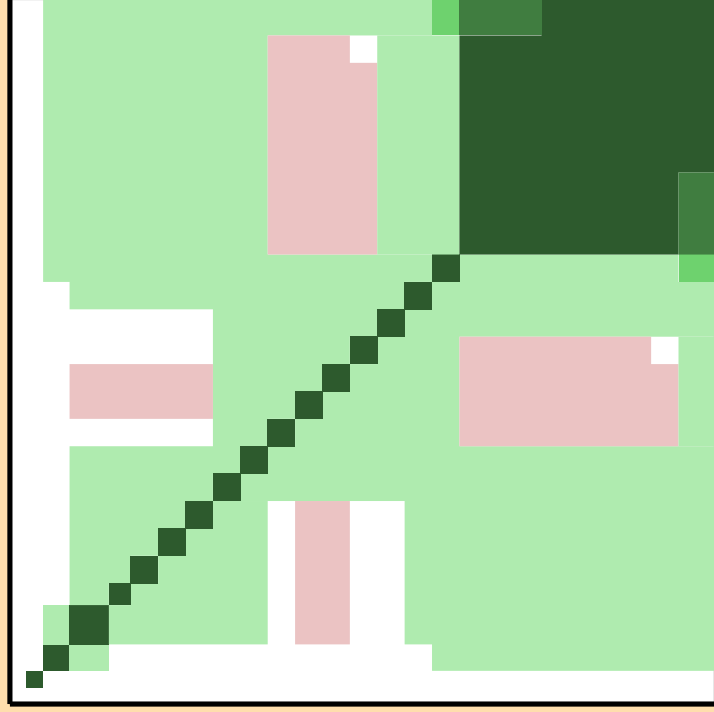
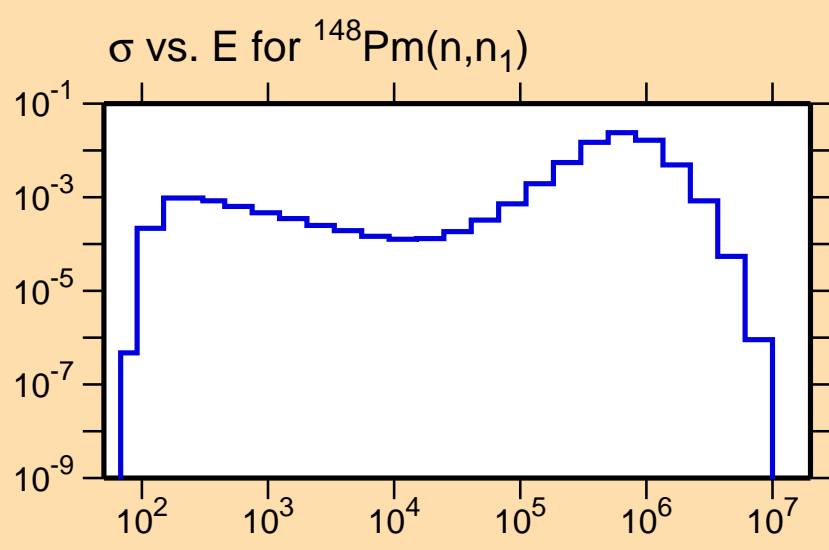




Ordinate scales are % relative standard deviation and barns.

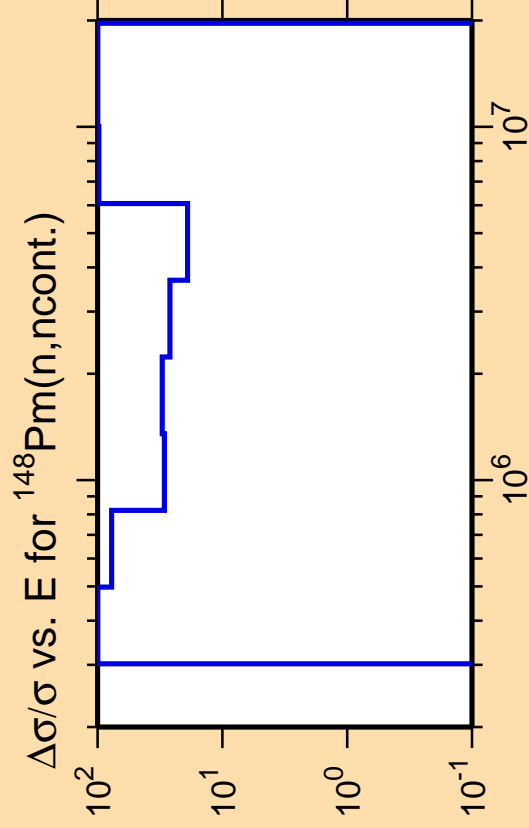
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

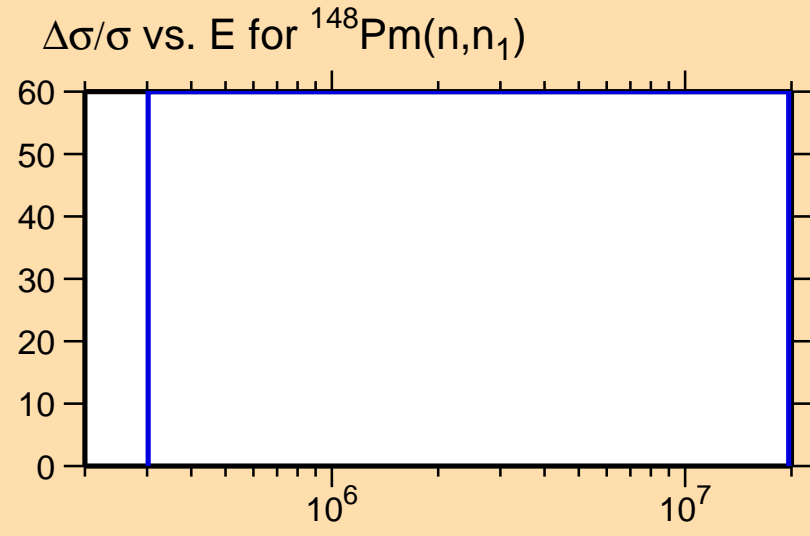




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

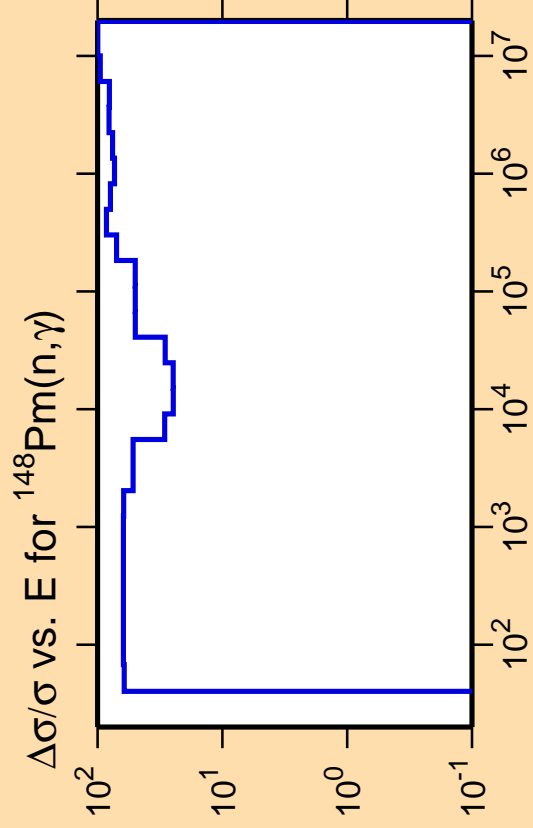
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



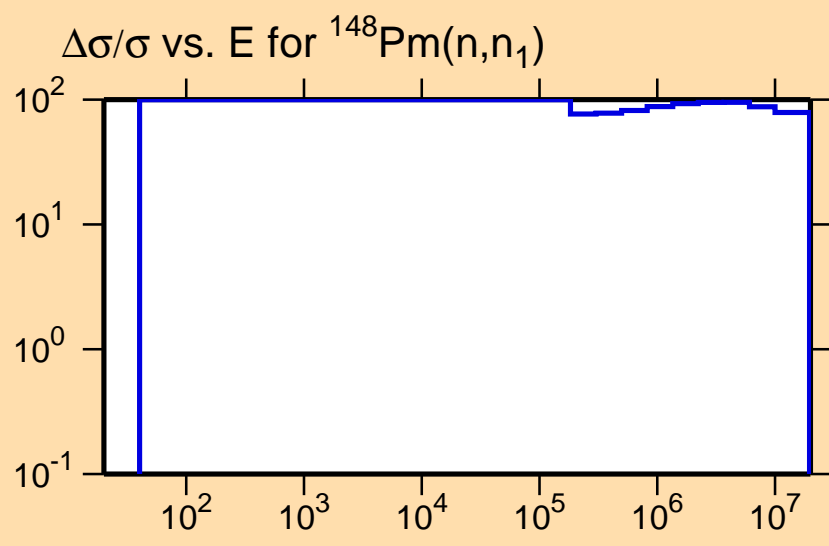




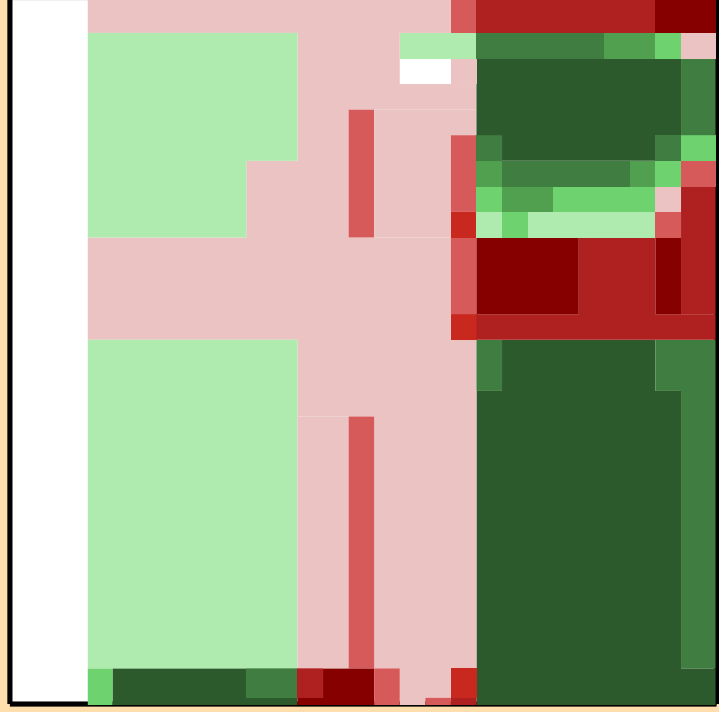
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

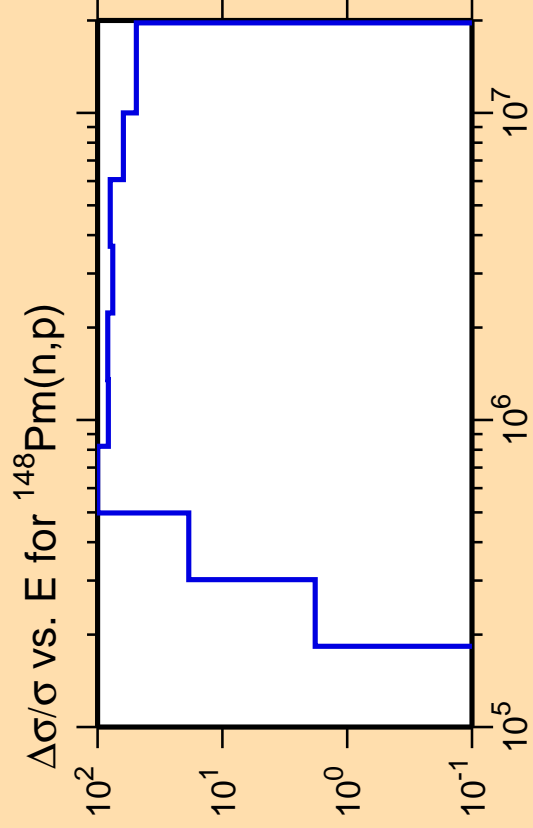


$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,n_1)$



Correlation Matrix

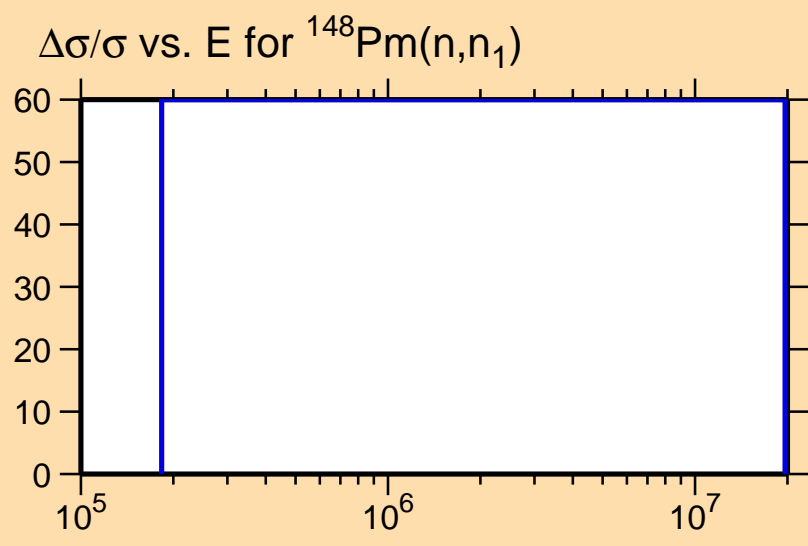




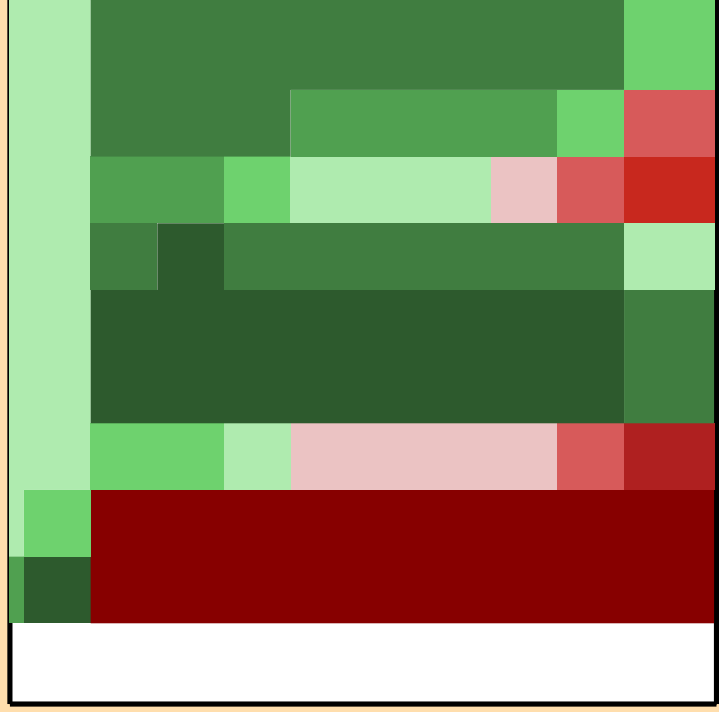
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

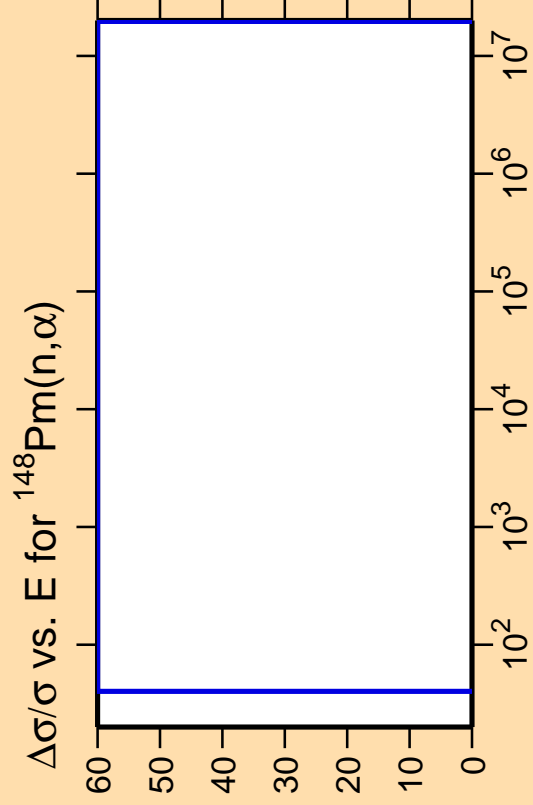


$\Delta\sigma/\sigma$  vs.  $E$  for  $^{148}\text{Pm}(n,n_1)$



Correlation Matrix

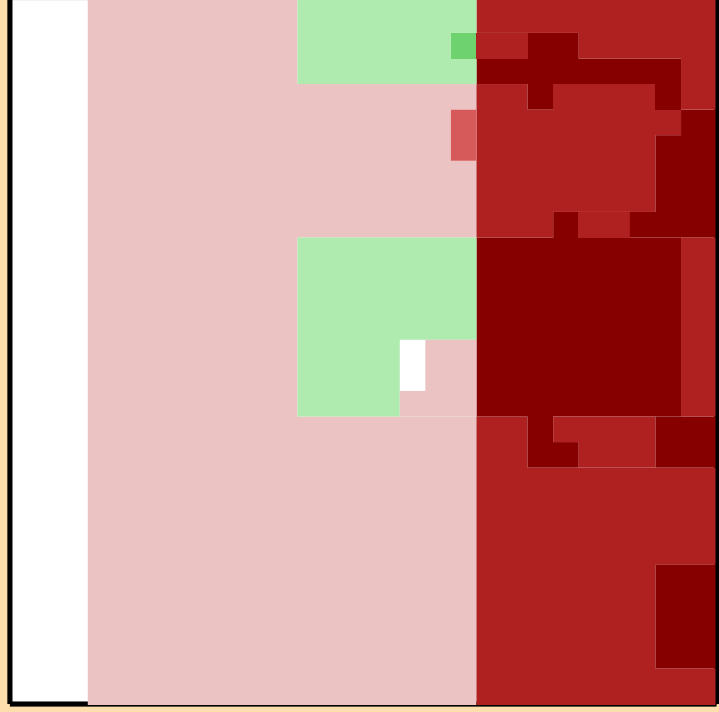
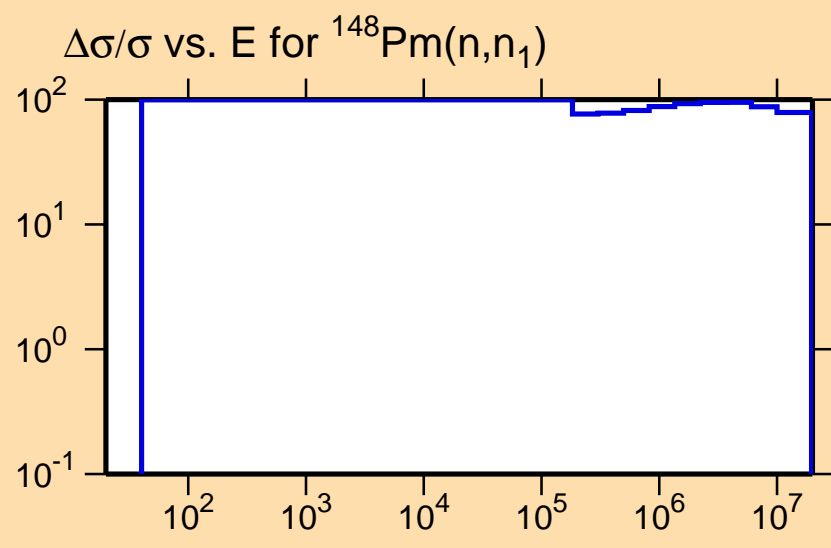




Ordinate scale is %  
relative standard deviation.

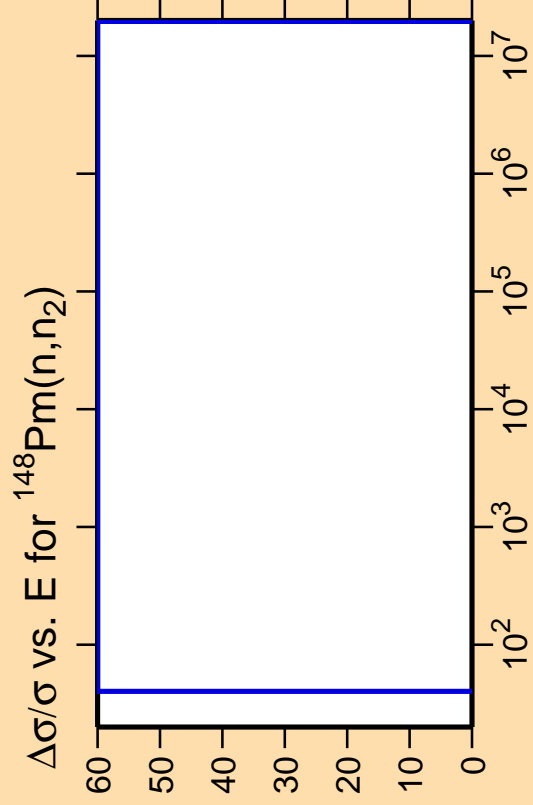
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

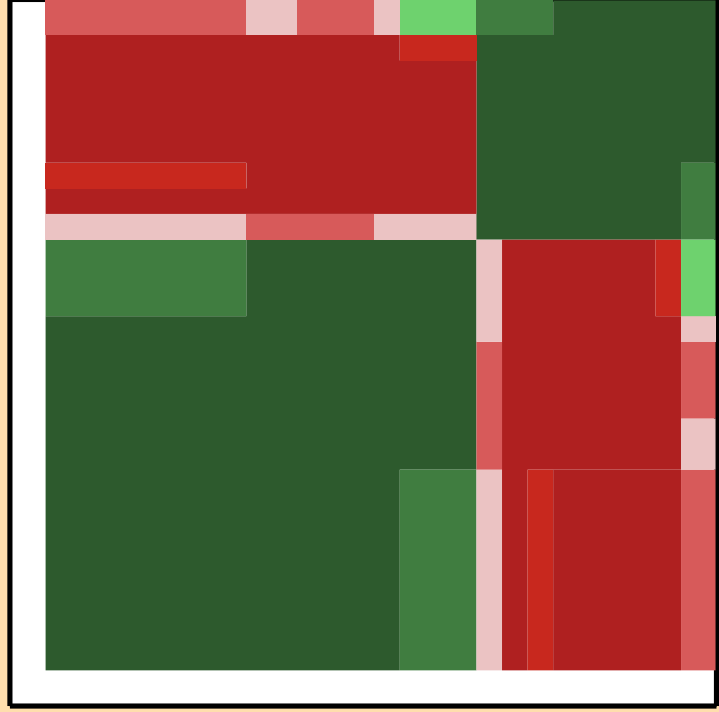
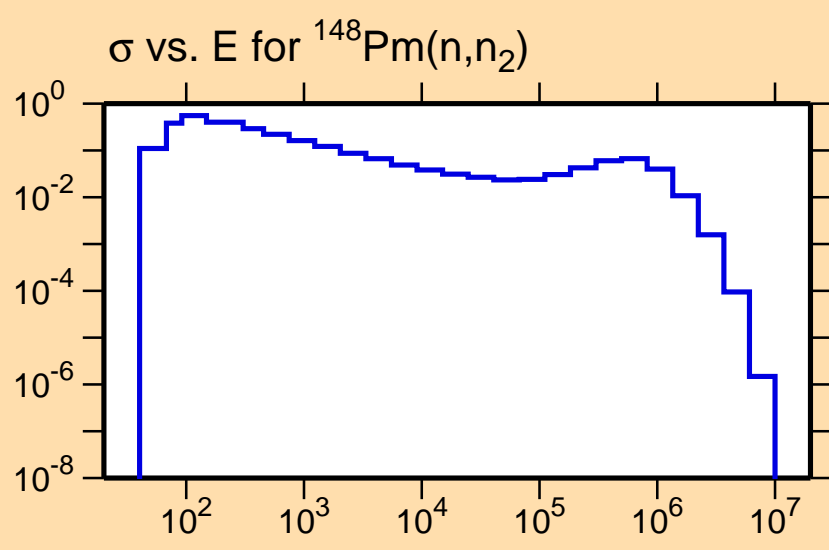




Ordinate scales are % relative standard deviation and barns.

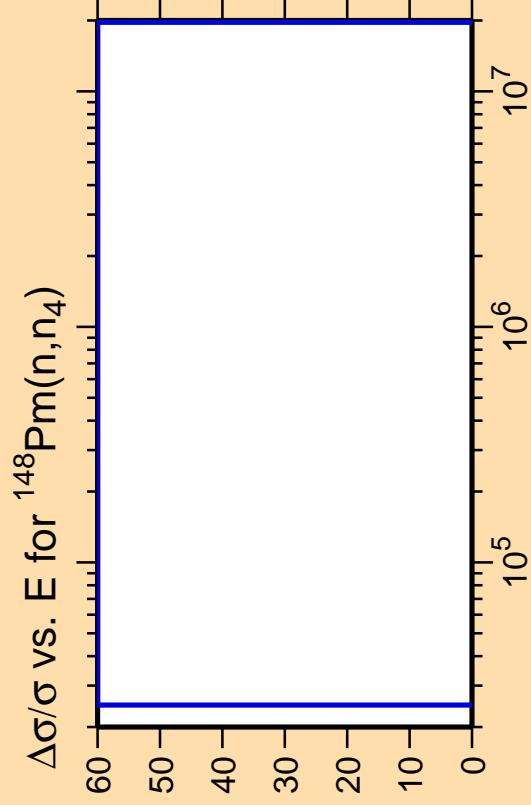
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

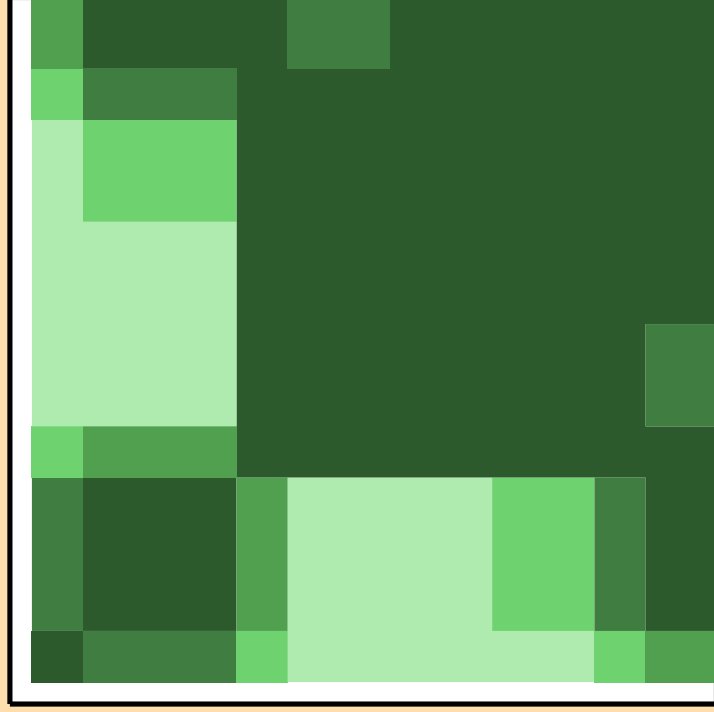
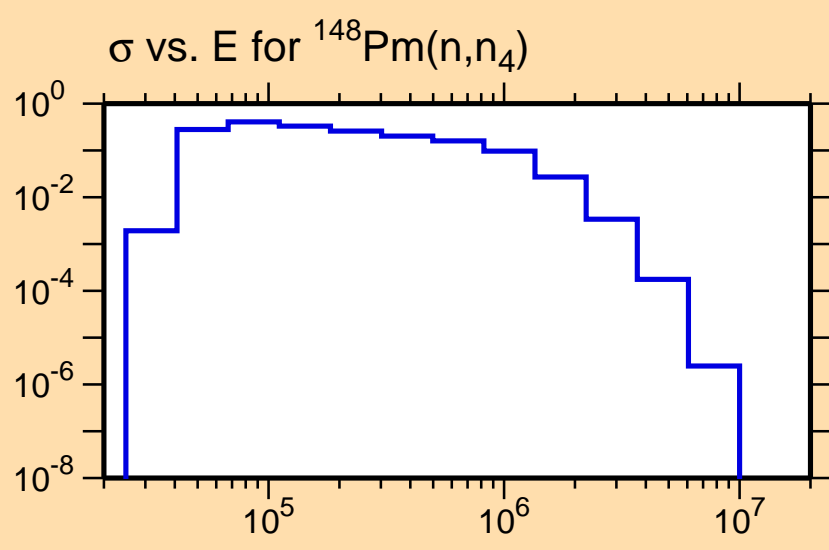




Ordinate scales are % relative standard deviation and barns.

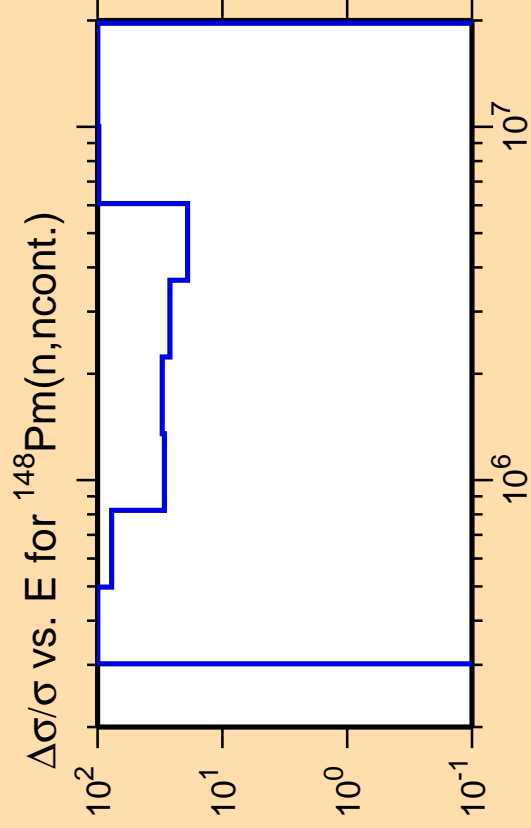
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

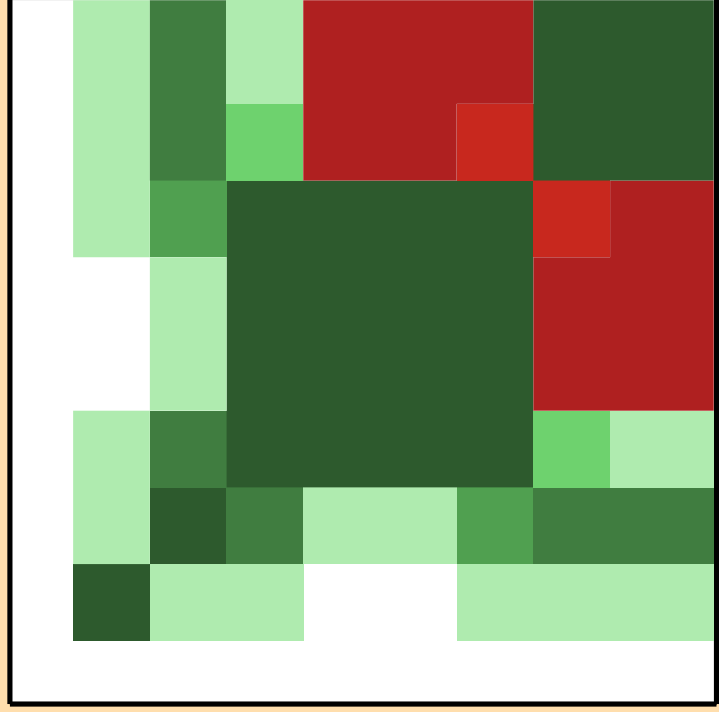
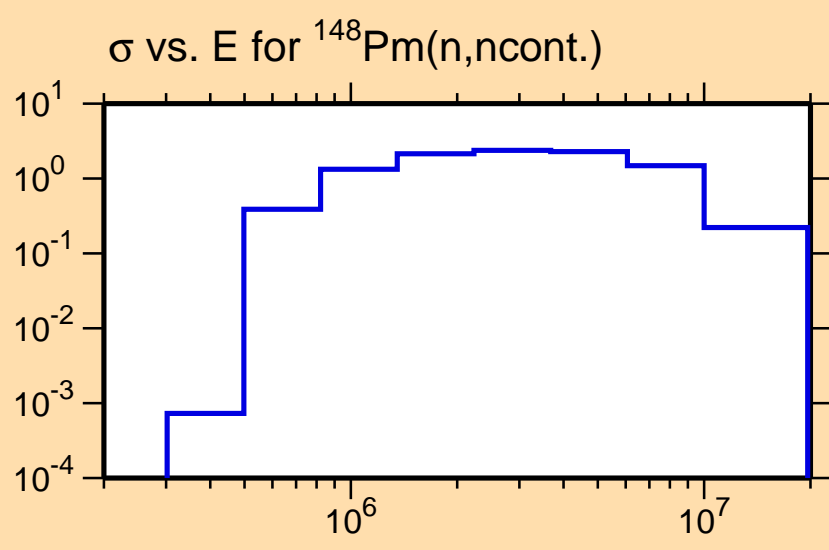




Ordinate scales are % relative standard deviation and barns.

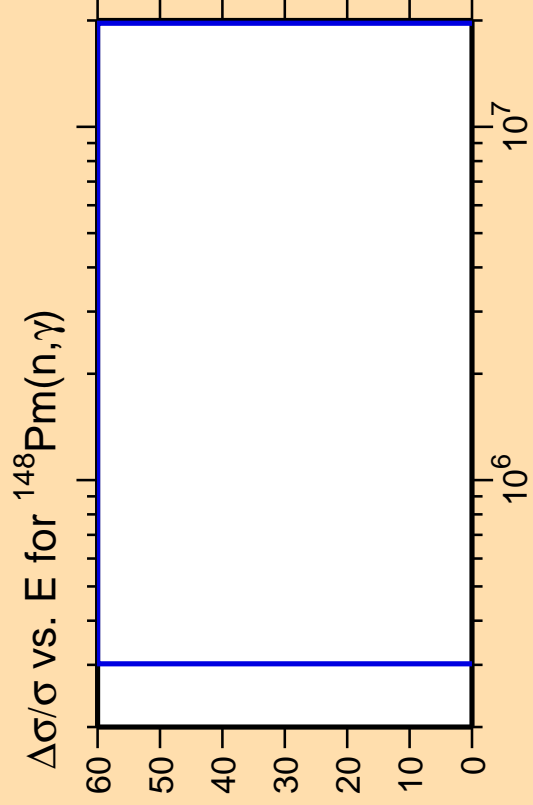
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

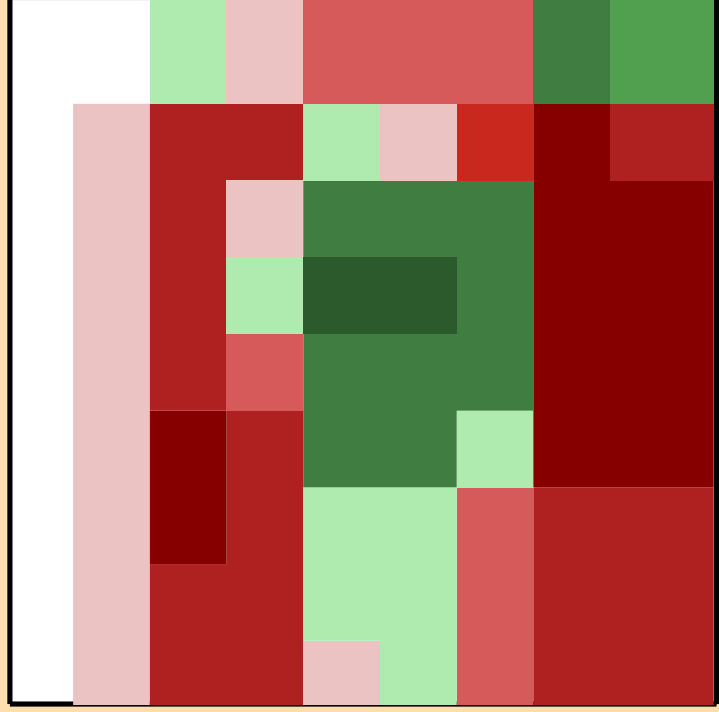
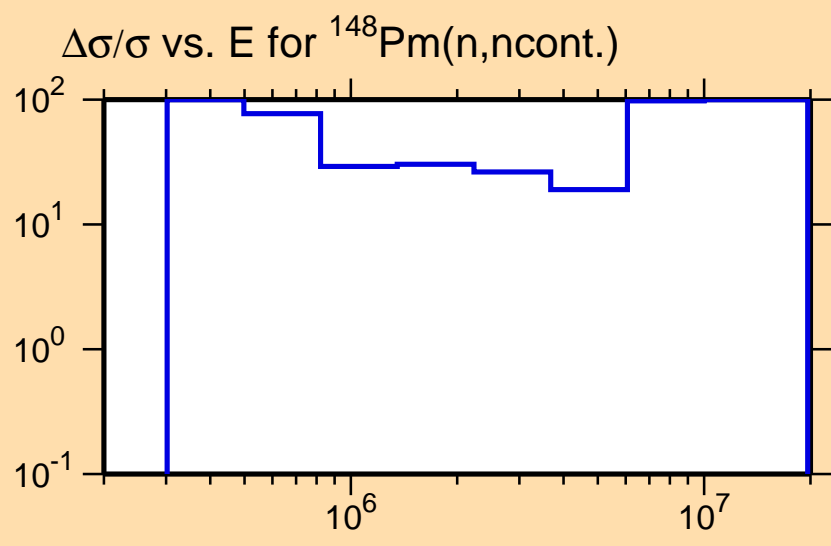




Ordinate scale is %  
relative standard deviation.

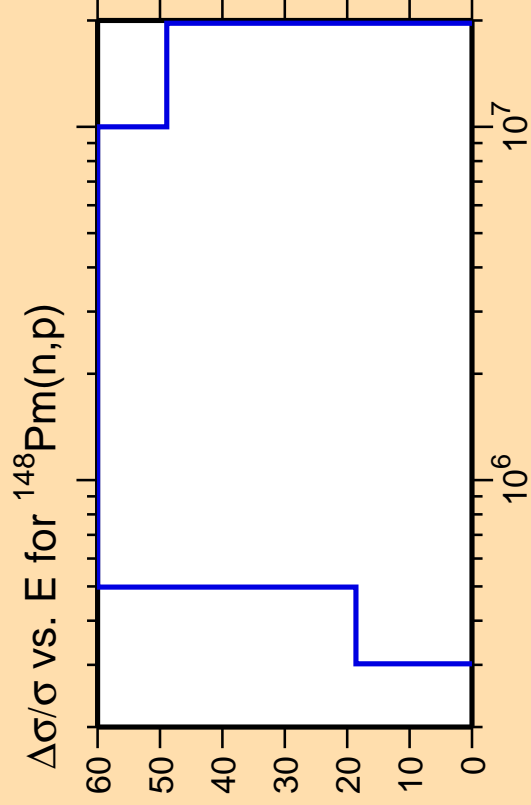
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

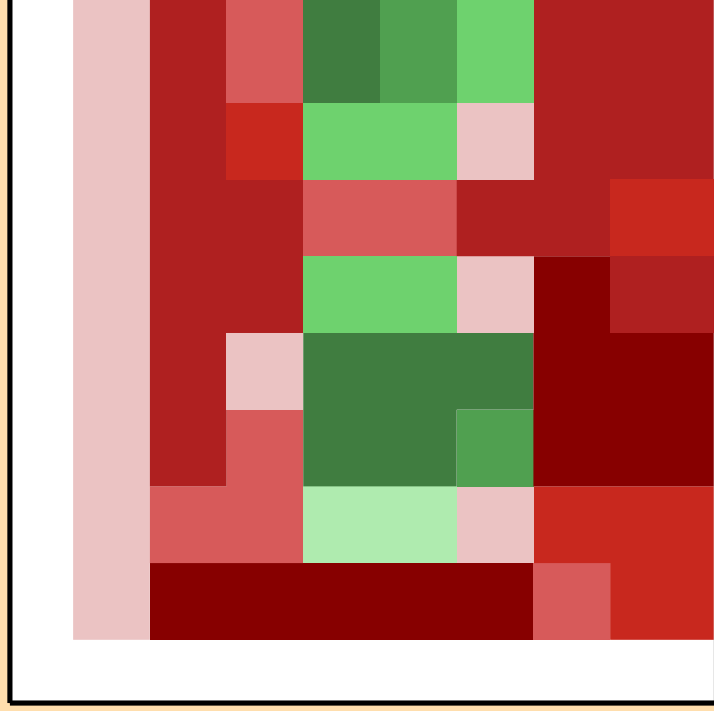
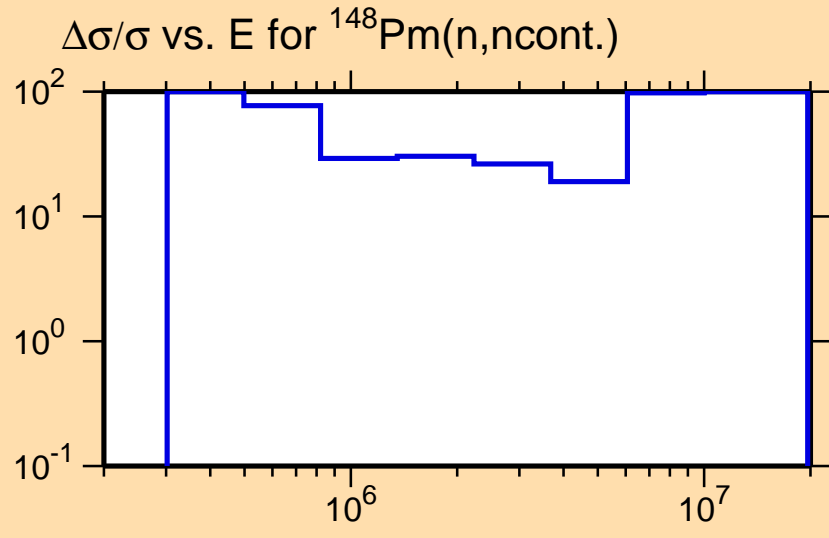




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

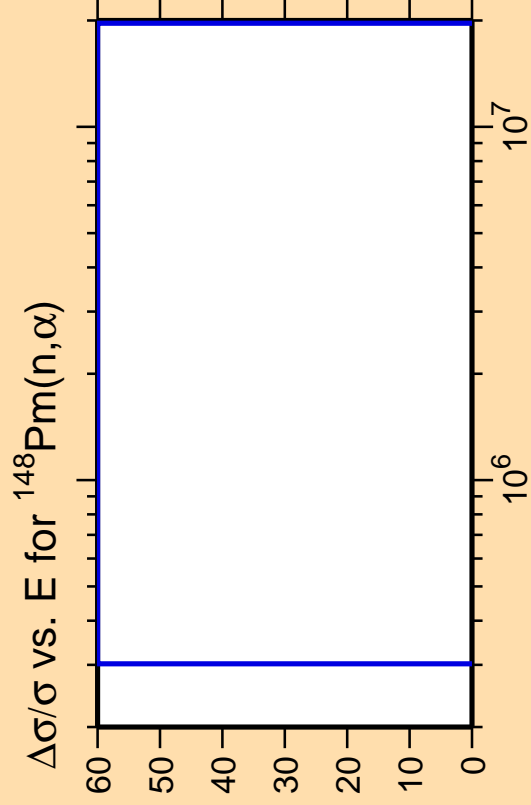
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



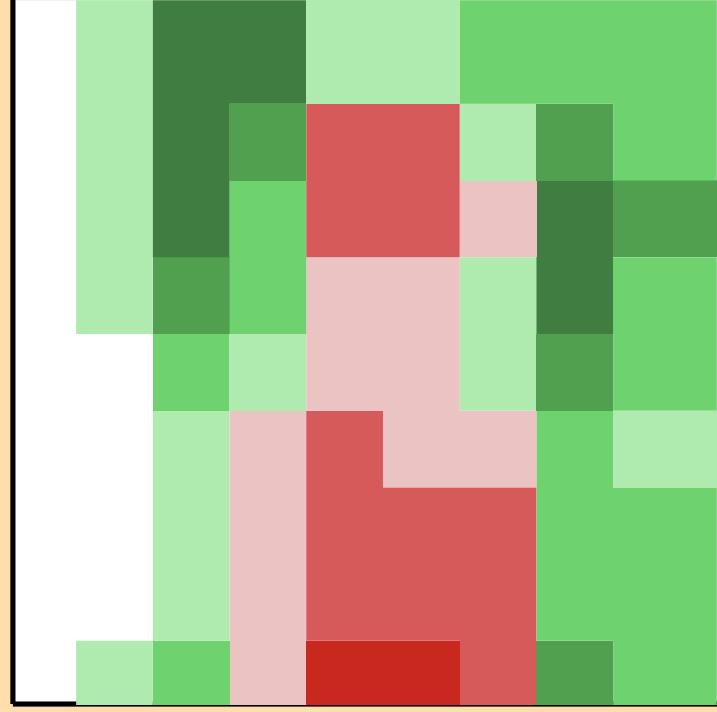
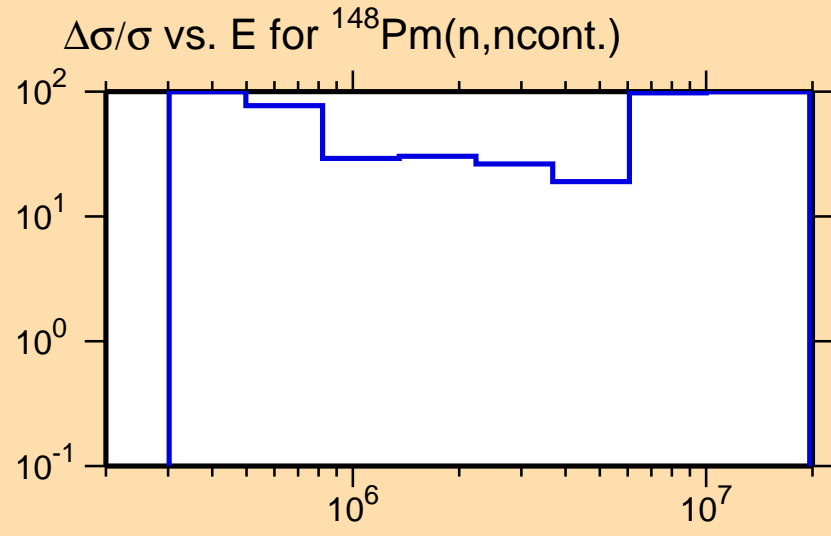




Ordinate scale is %  
relative standard deviation.

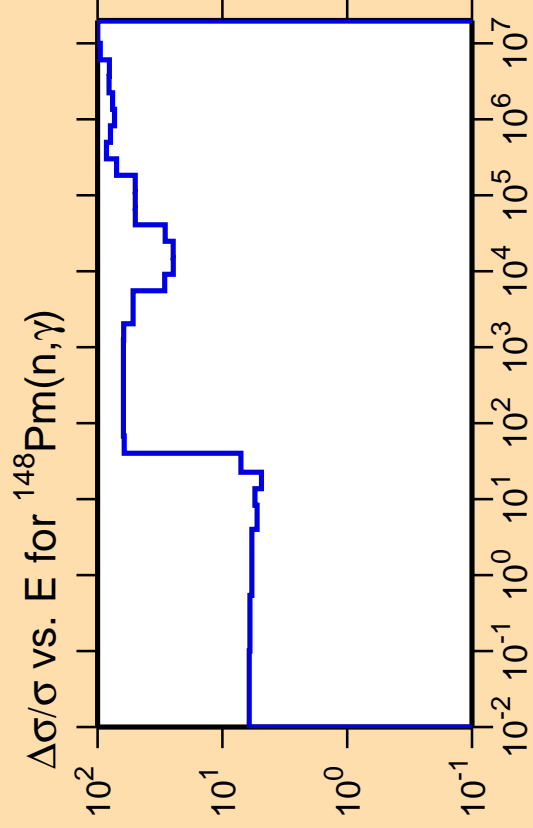
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

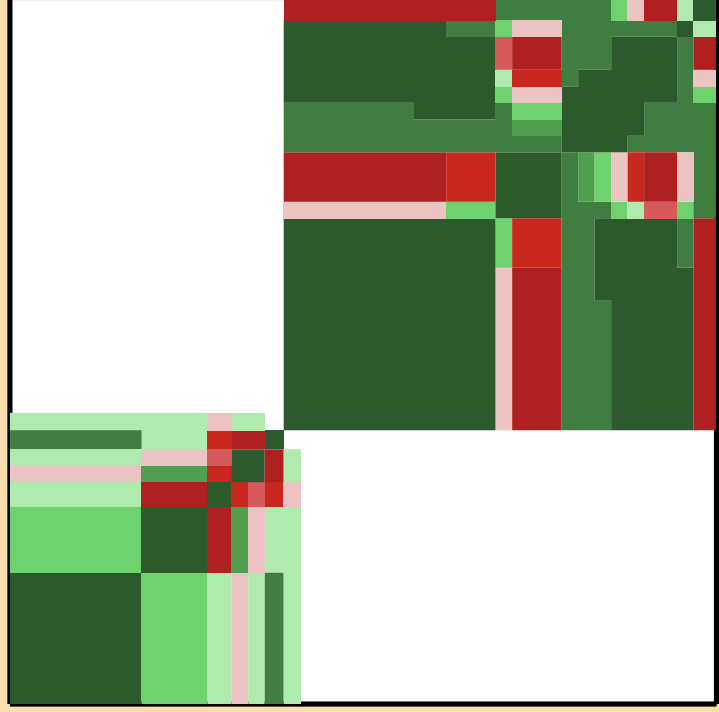
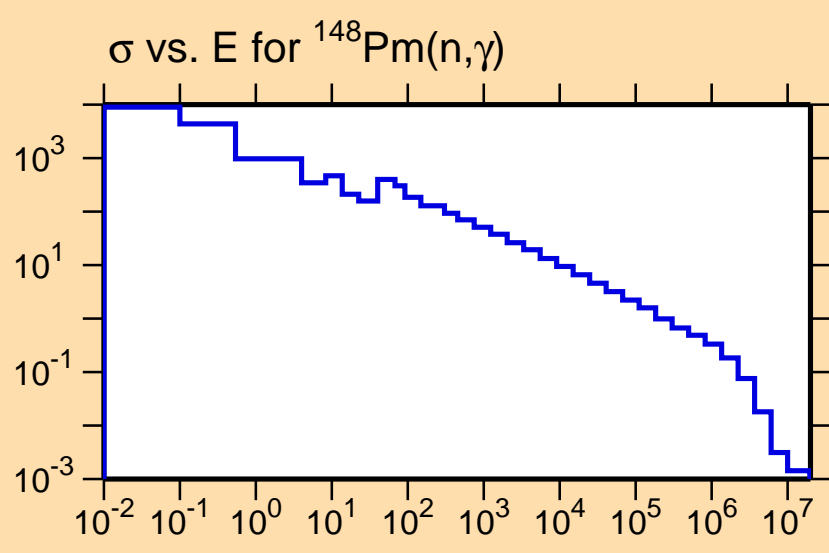




Ordinate scales are % relative standard deviation and barns.

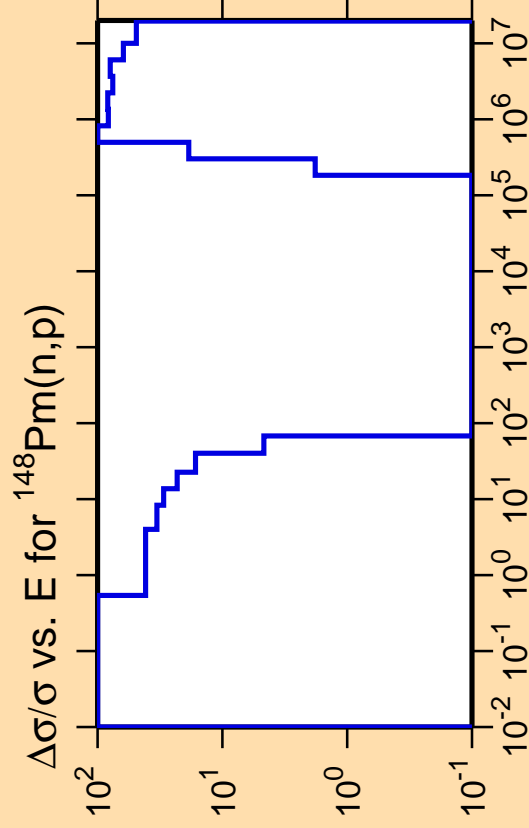
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

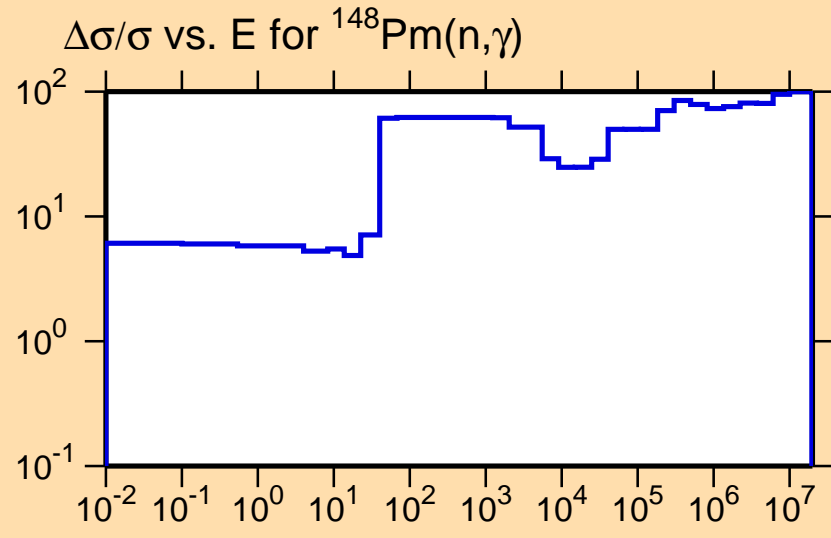




Ordinate scale is %  
relative standard deviation.

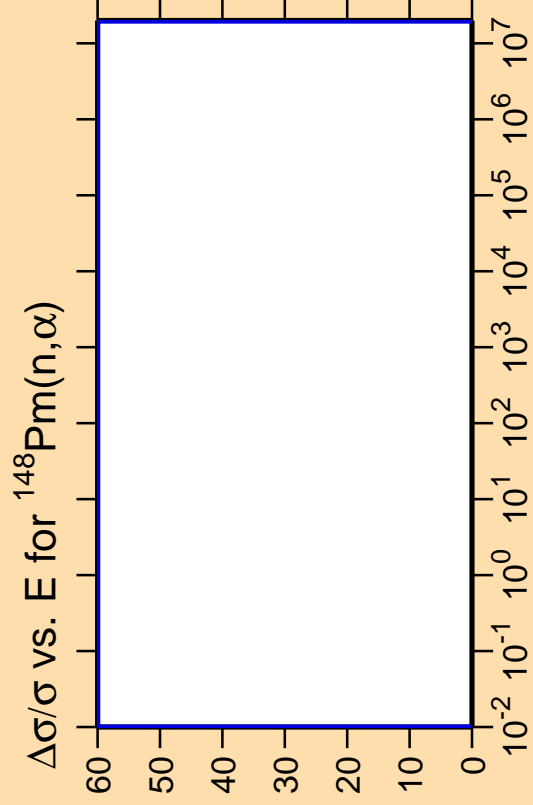
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

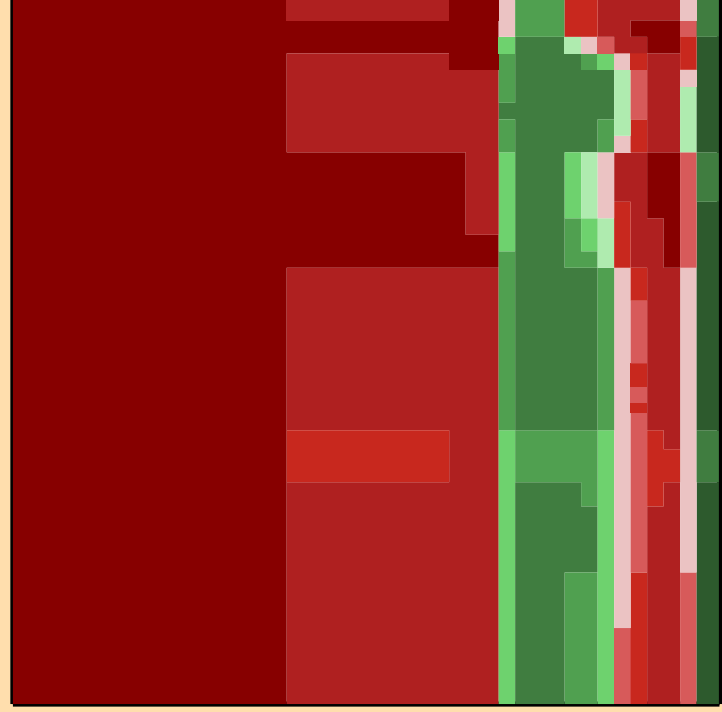
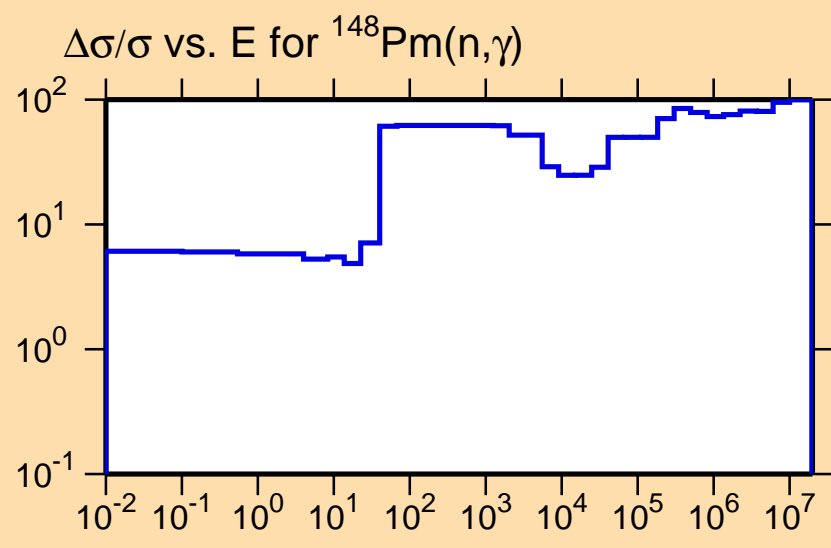




Ordinate scale is %  
relative standard deviation.

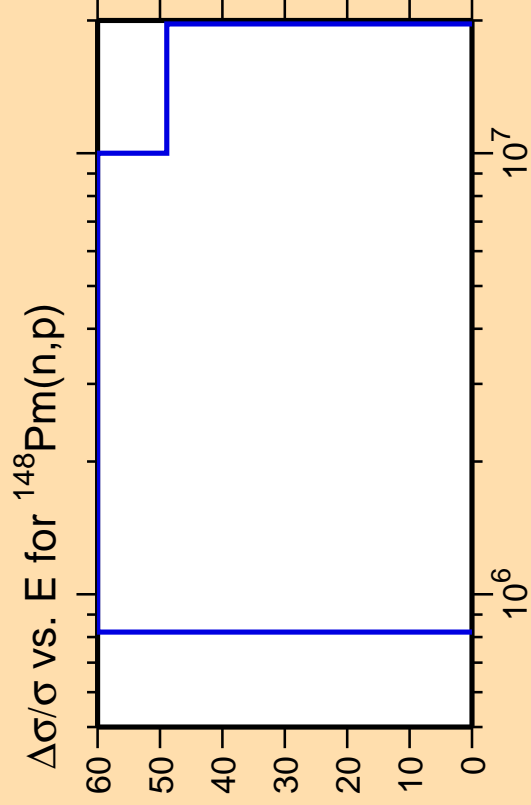
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

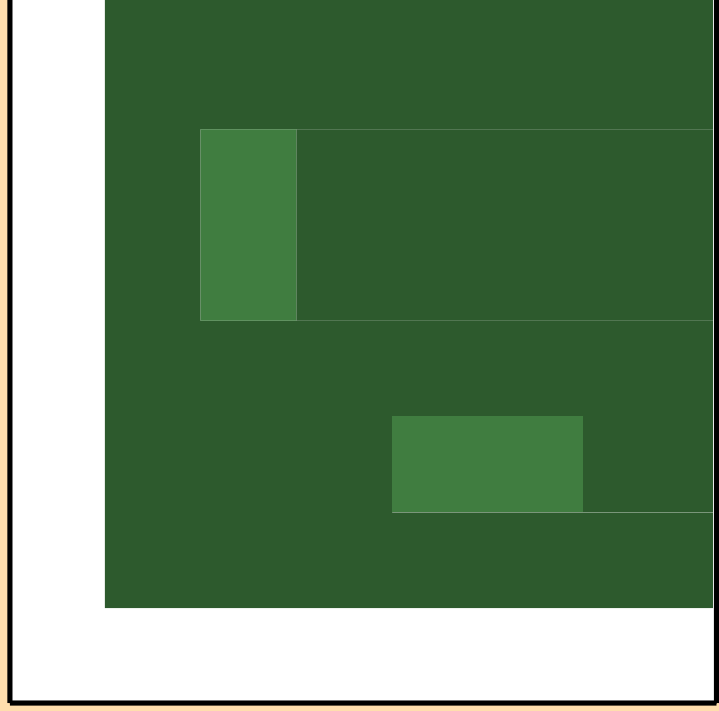
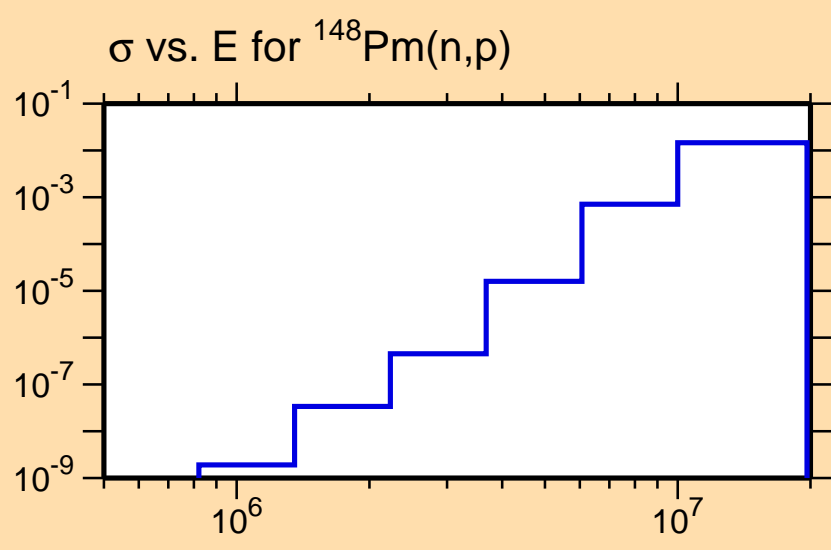




Ordinate scales are % relative standard deviation and barns.

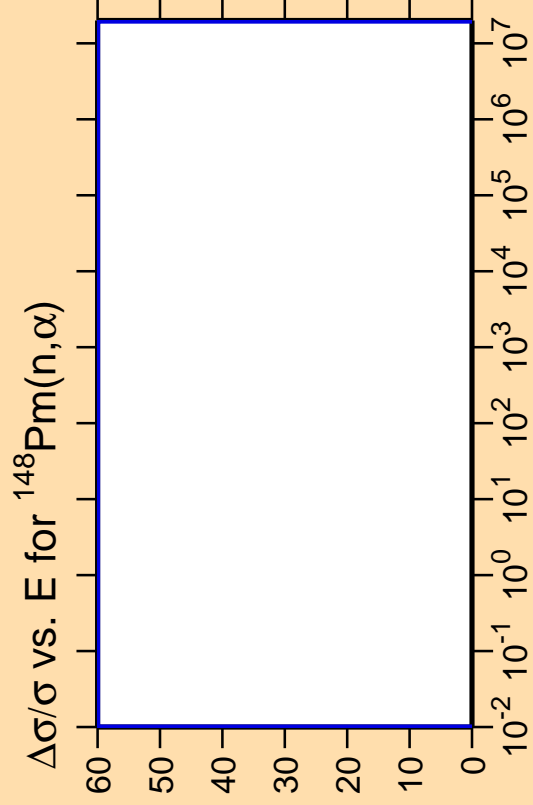
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

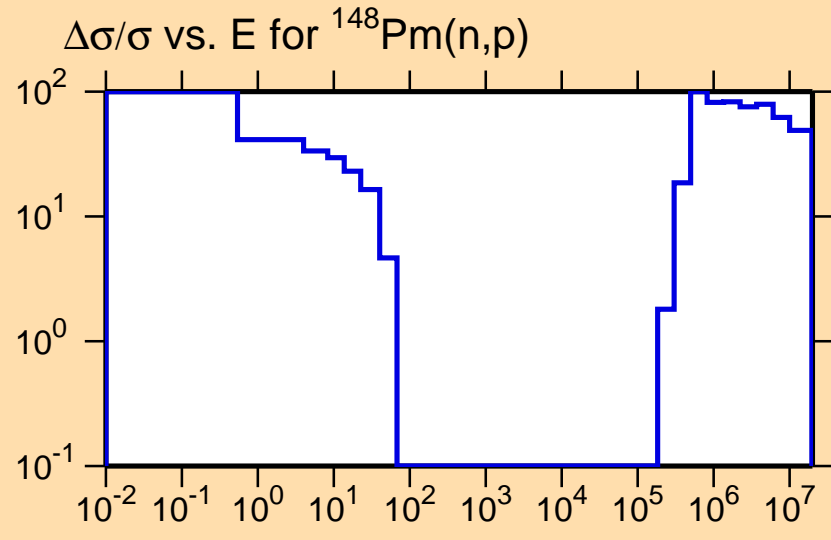




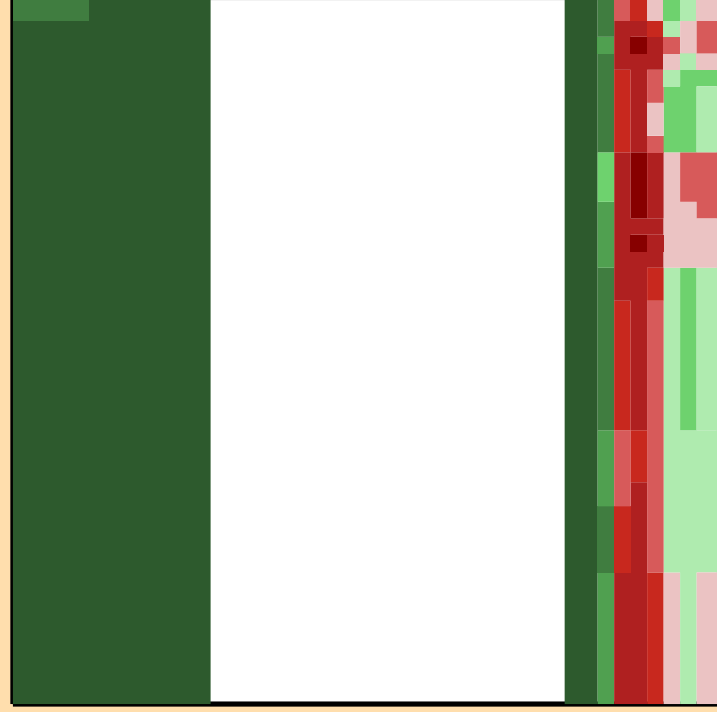
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,p)$



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,d)$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

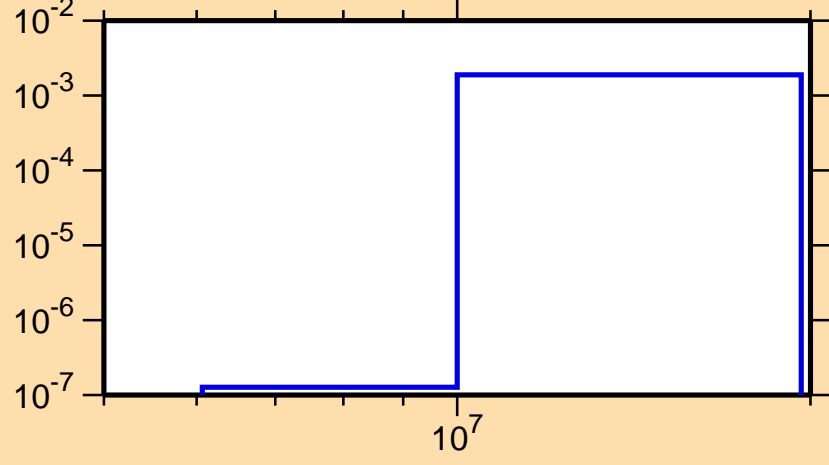
Warning: some uncertainty data were suppressed.



Correlation Matrix



$\sigma$  vs. E for  $^{148}\text{Pm}(n,d)$



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,t)$

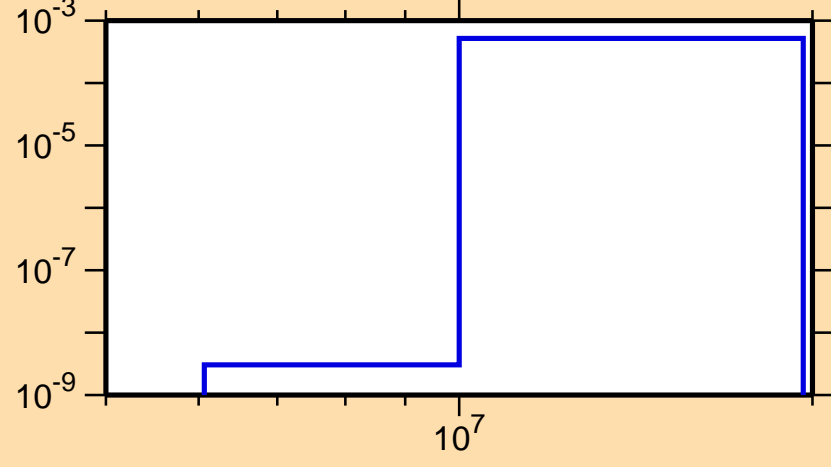


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{148}\text{Pm}(n,t)$



Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{He}3)$

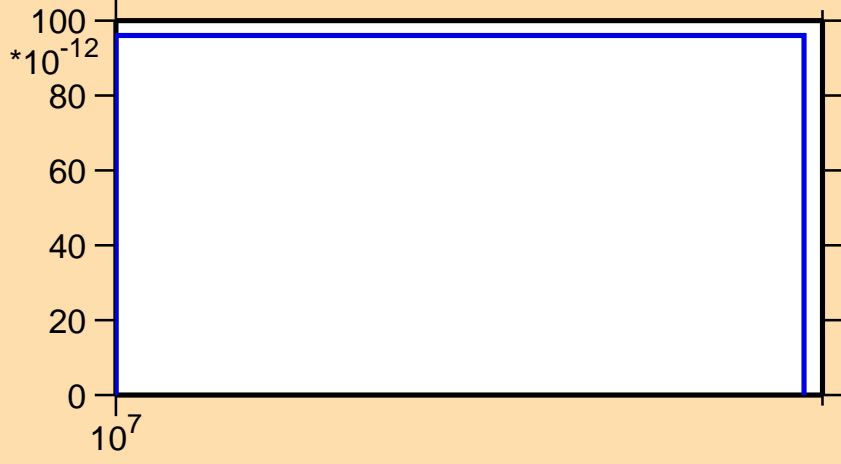


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

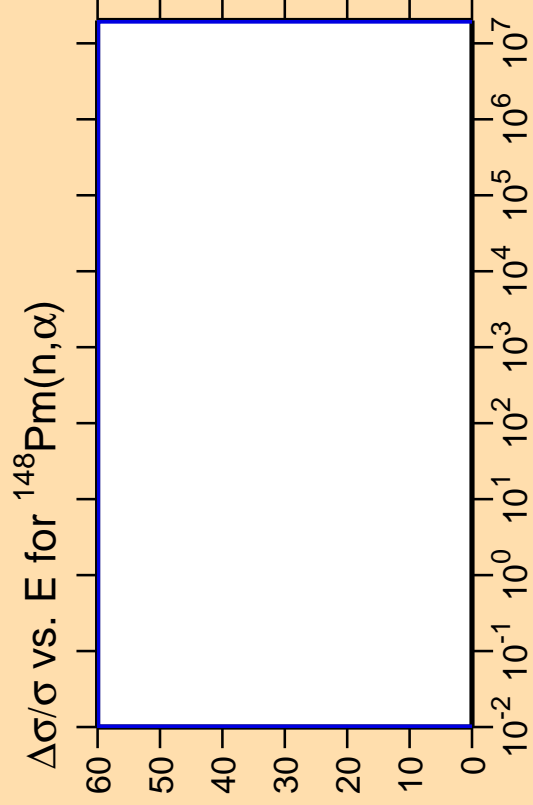
Warning: some uncertainty data were suppressed.

$\sigma$  vs. E for  $^{148}\text{Pm}(n,\text{He}3)$



Correlation Matrix

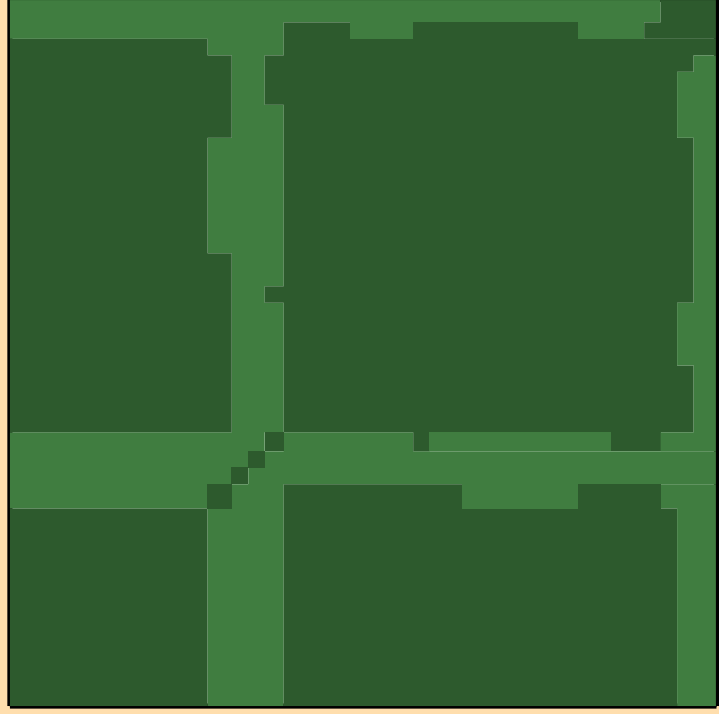
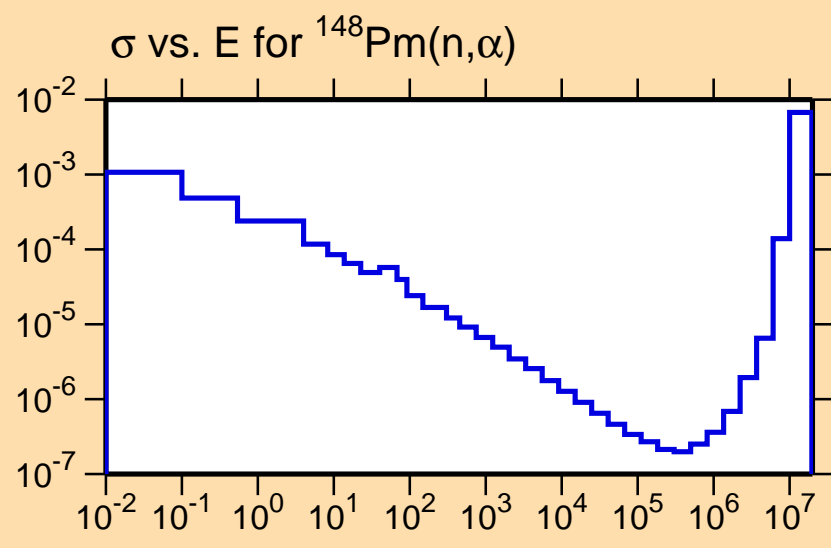




Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

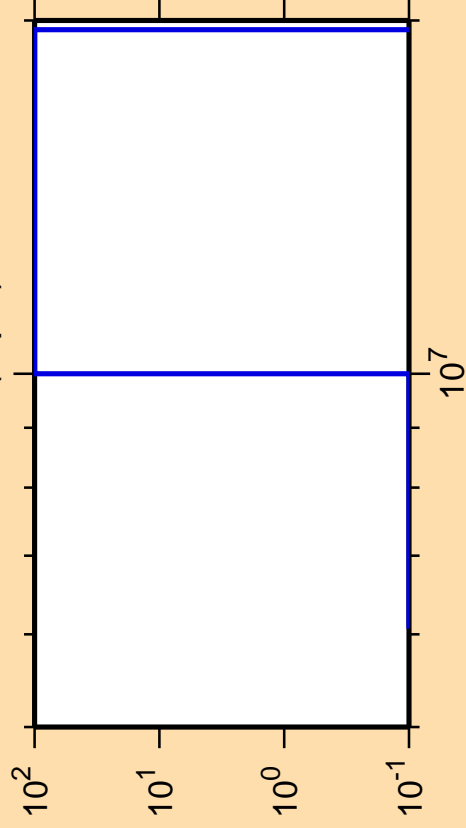
Warning: some uncertainty data were suppressed.



Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(n,p\alpha)$

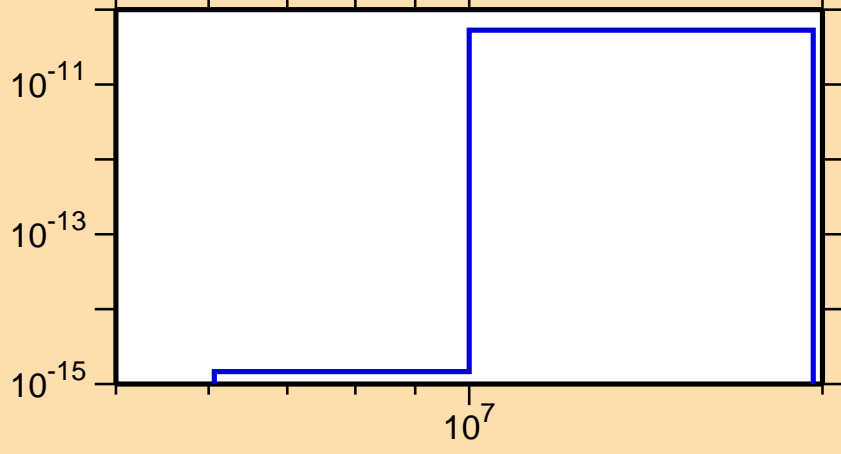


Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

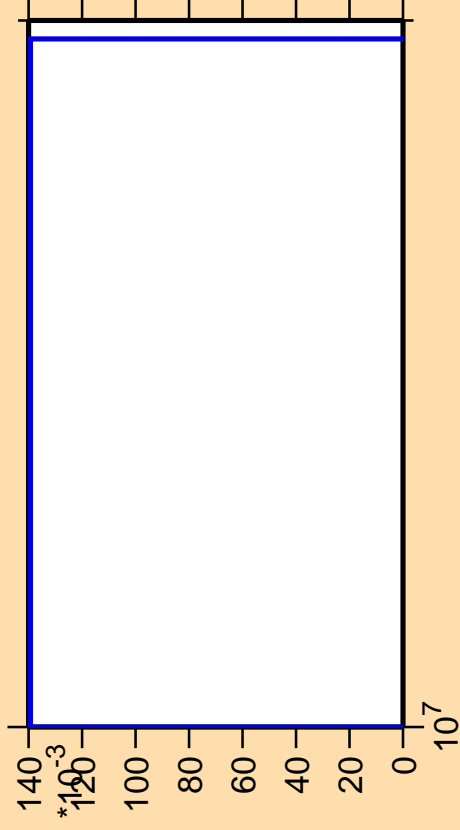
$\sigma$  vs. E for  $^{148}\text{Pm}(n,p\alpha)$



Correlation Matrix



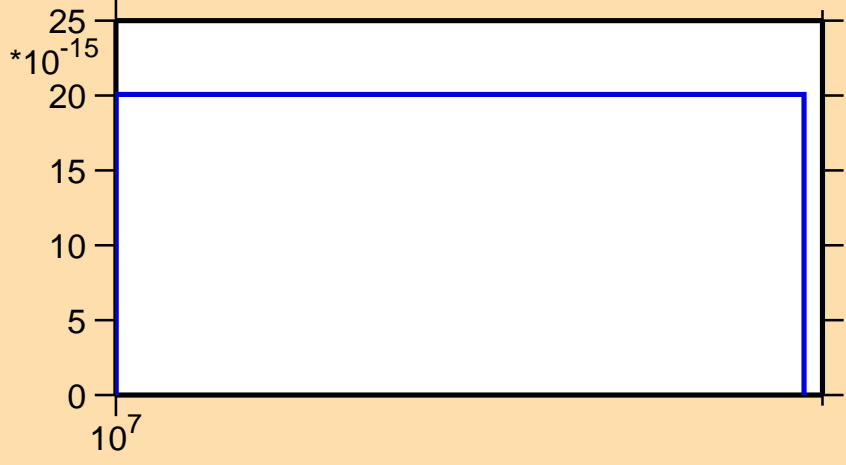
$\Delta\sigma/\sigma$  vs. E for  $^{148}\text{Pm}(\text{mt117})$



Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

$\sigma$  vs. E for  $^{148}\text{Pm}(\text{mt117})$



Correlation Matrix

