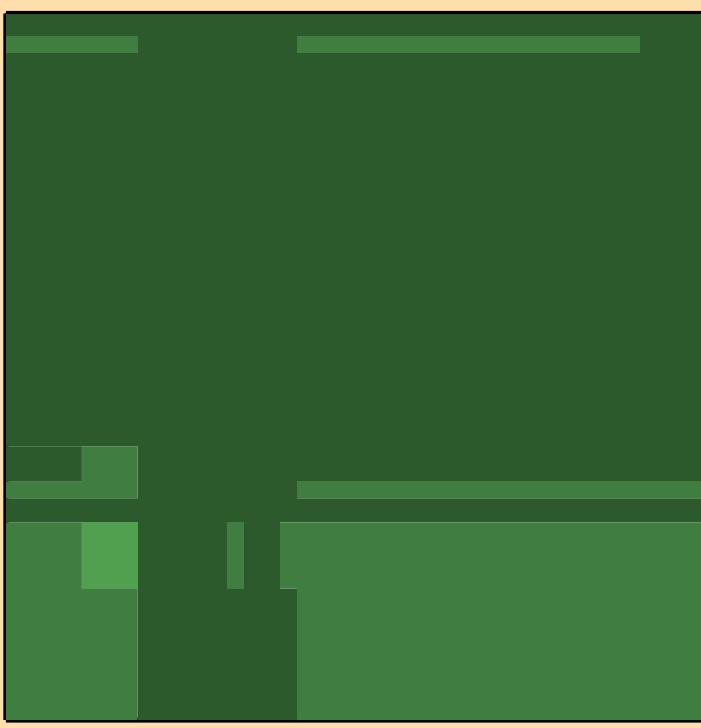
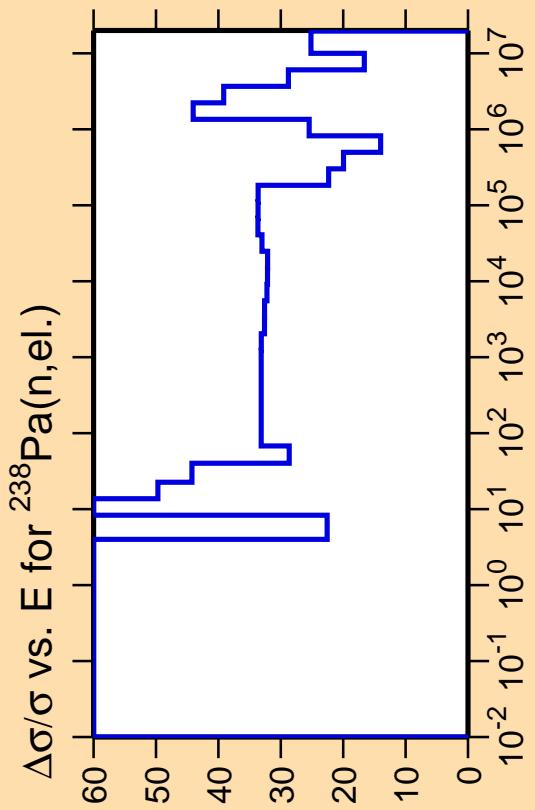
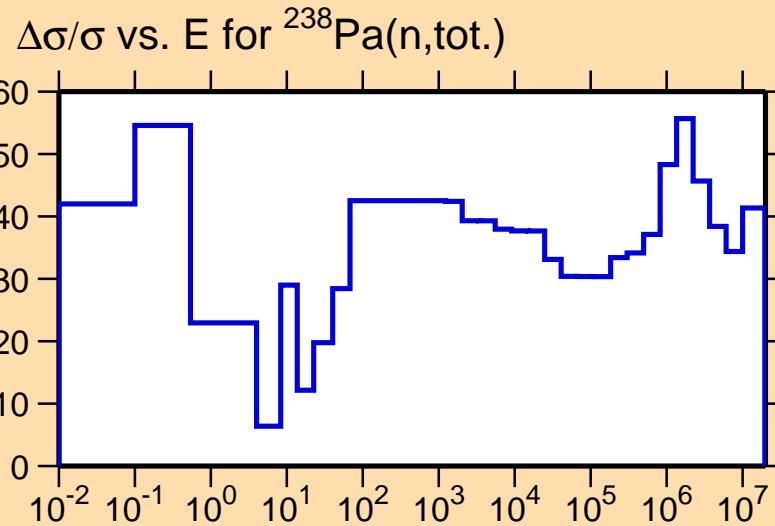
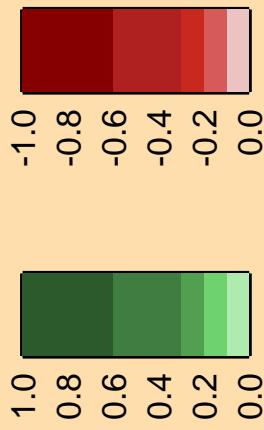


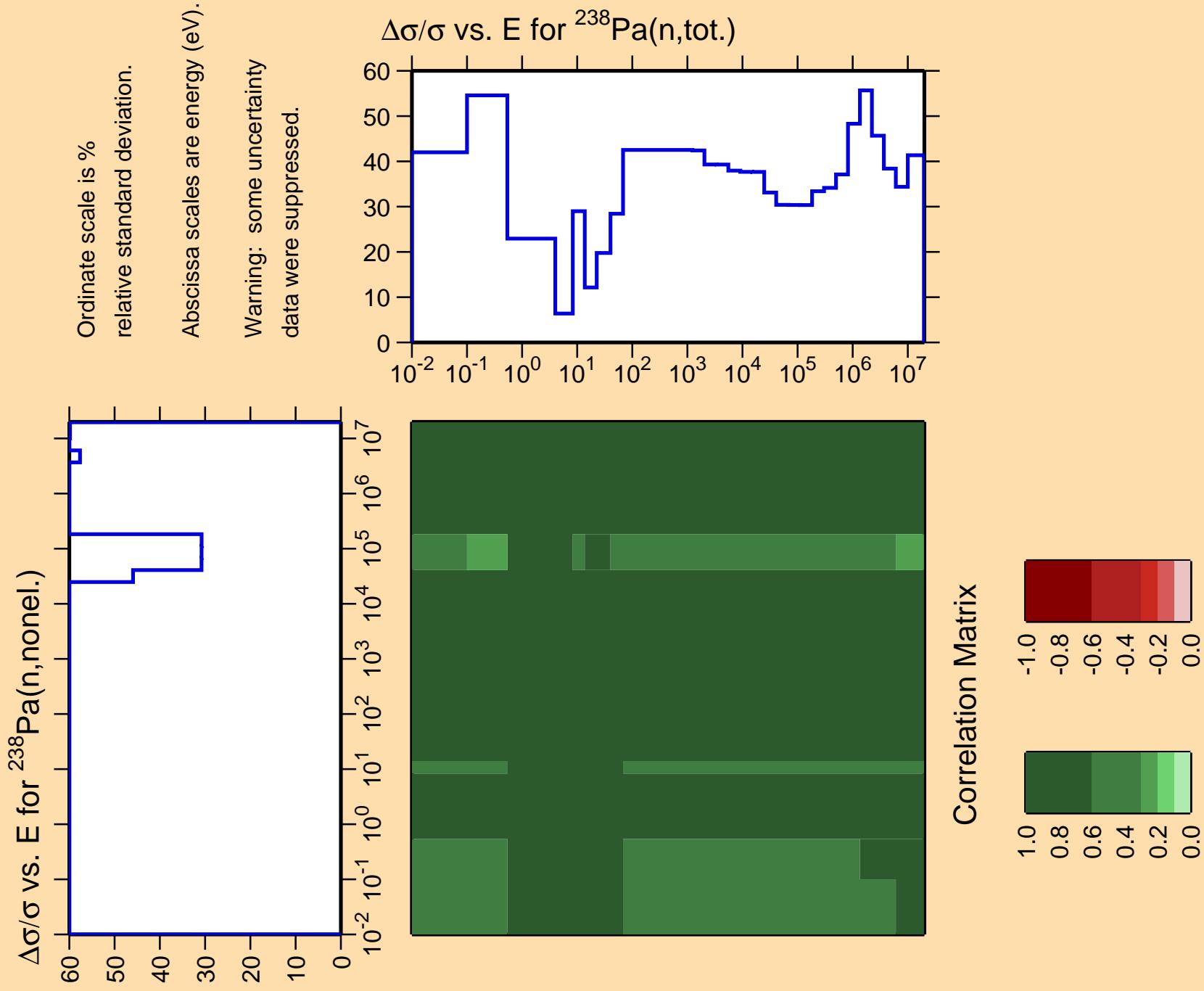
Ordinate scale is %  
relative standard deviation.

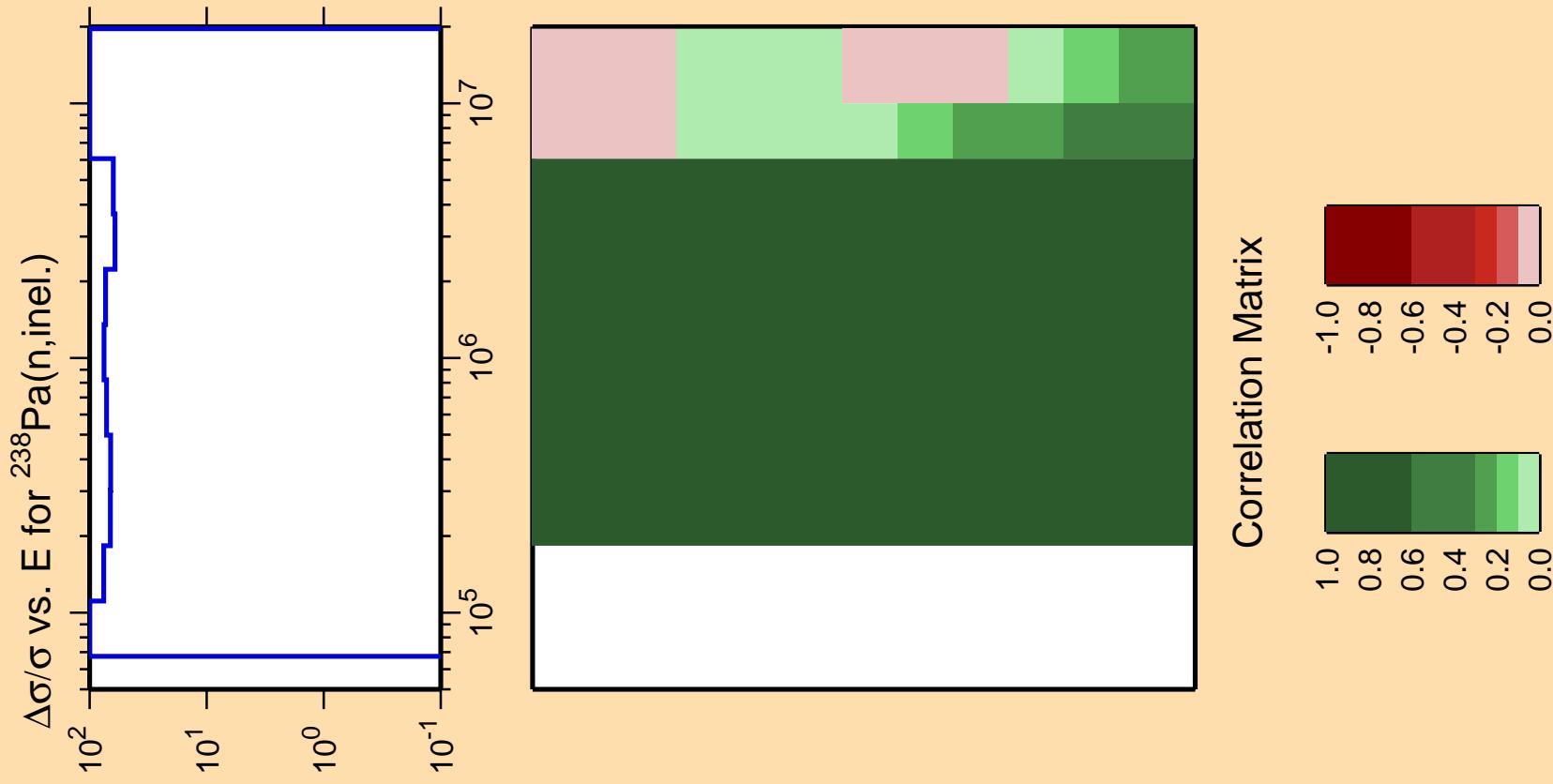
Warning: some uncertainty  
data were suppressed.



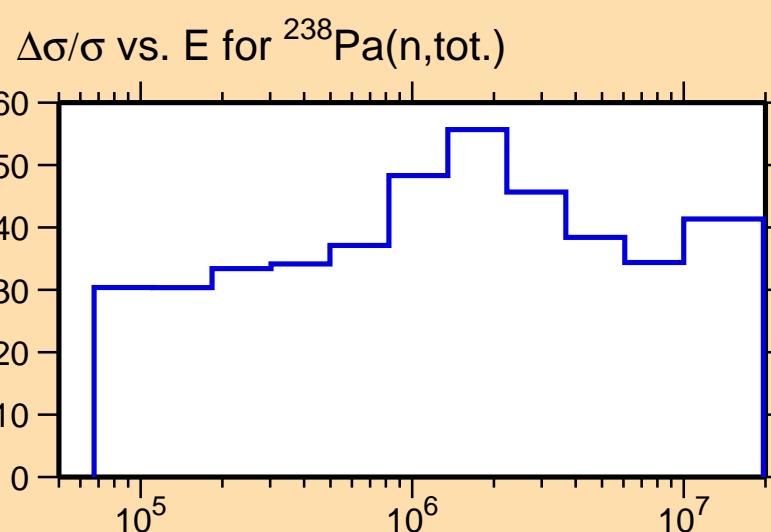
## Correlation Matrix



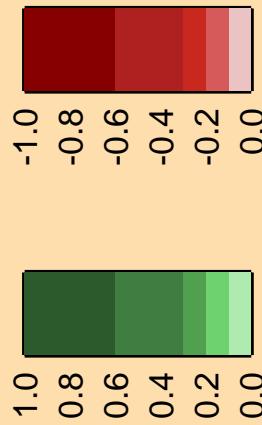


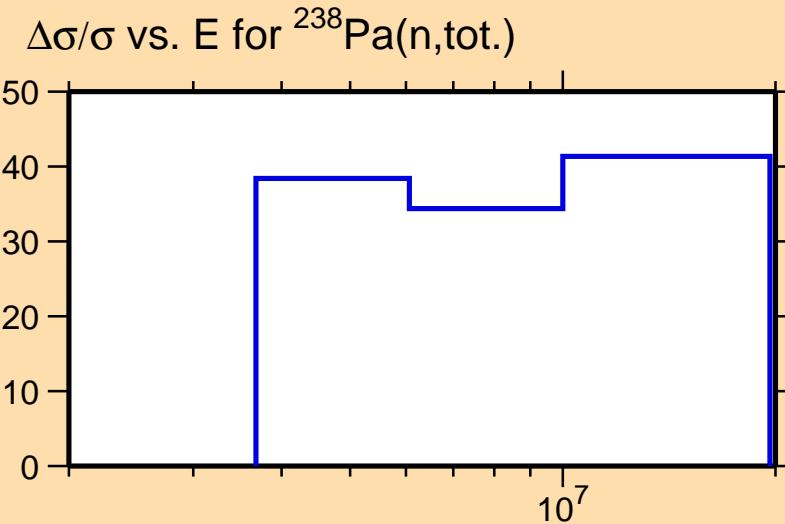
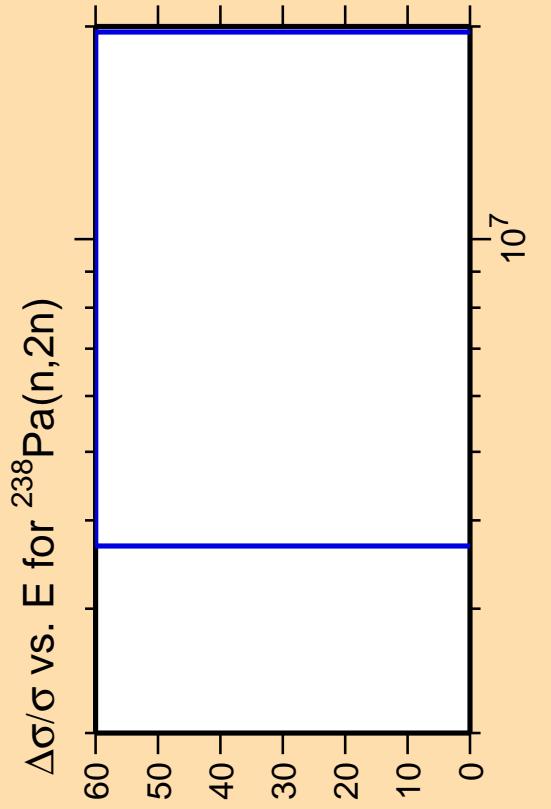


Ordinate scale is %  
relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

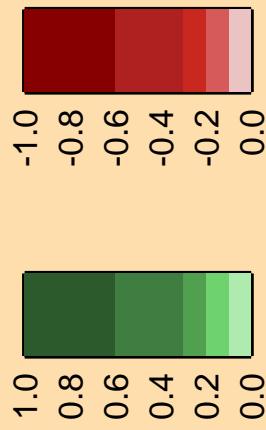


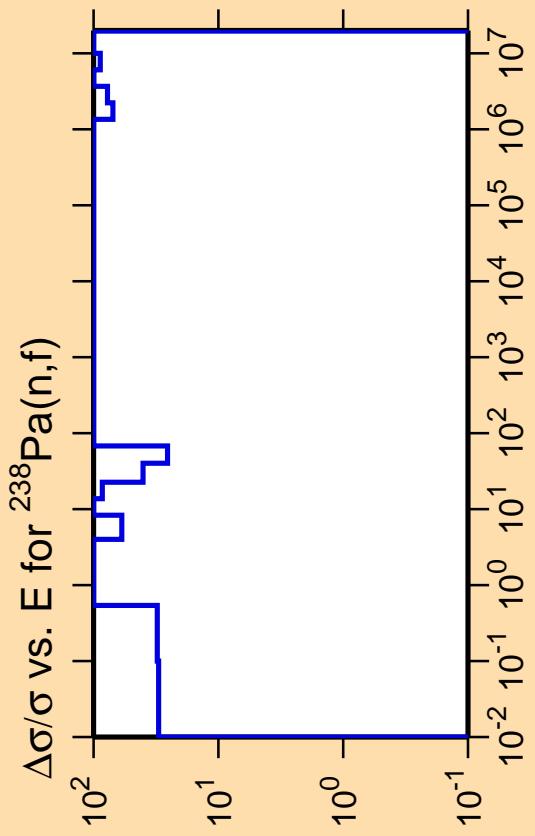
Correlation Matrix





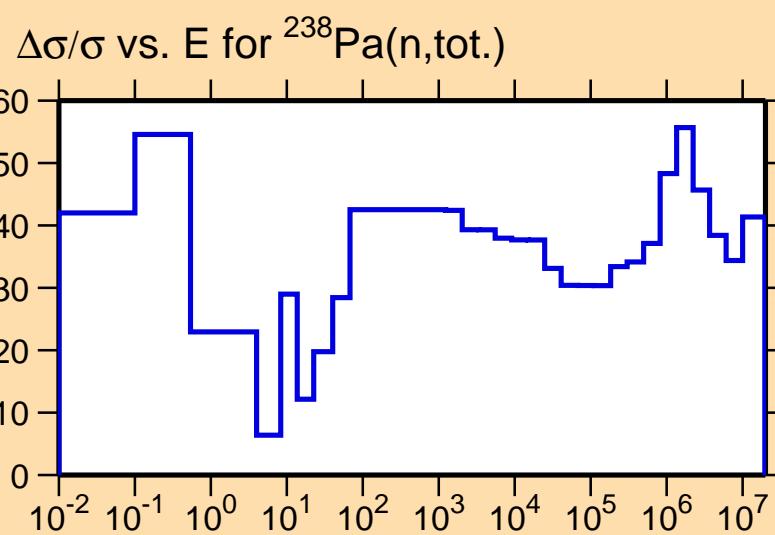
Correlation Matrix



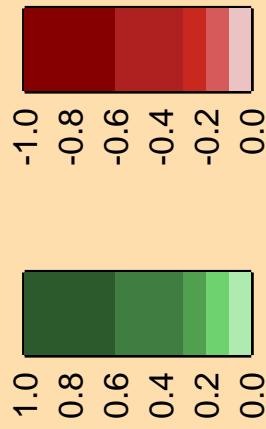


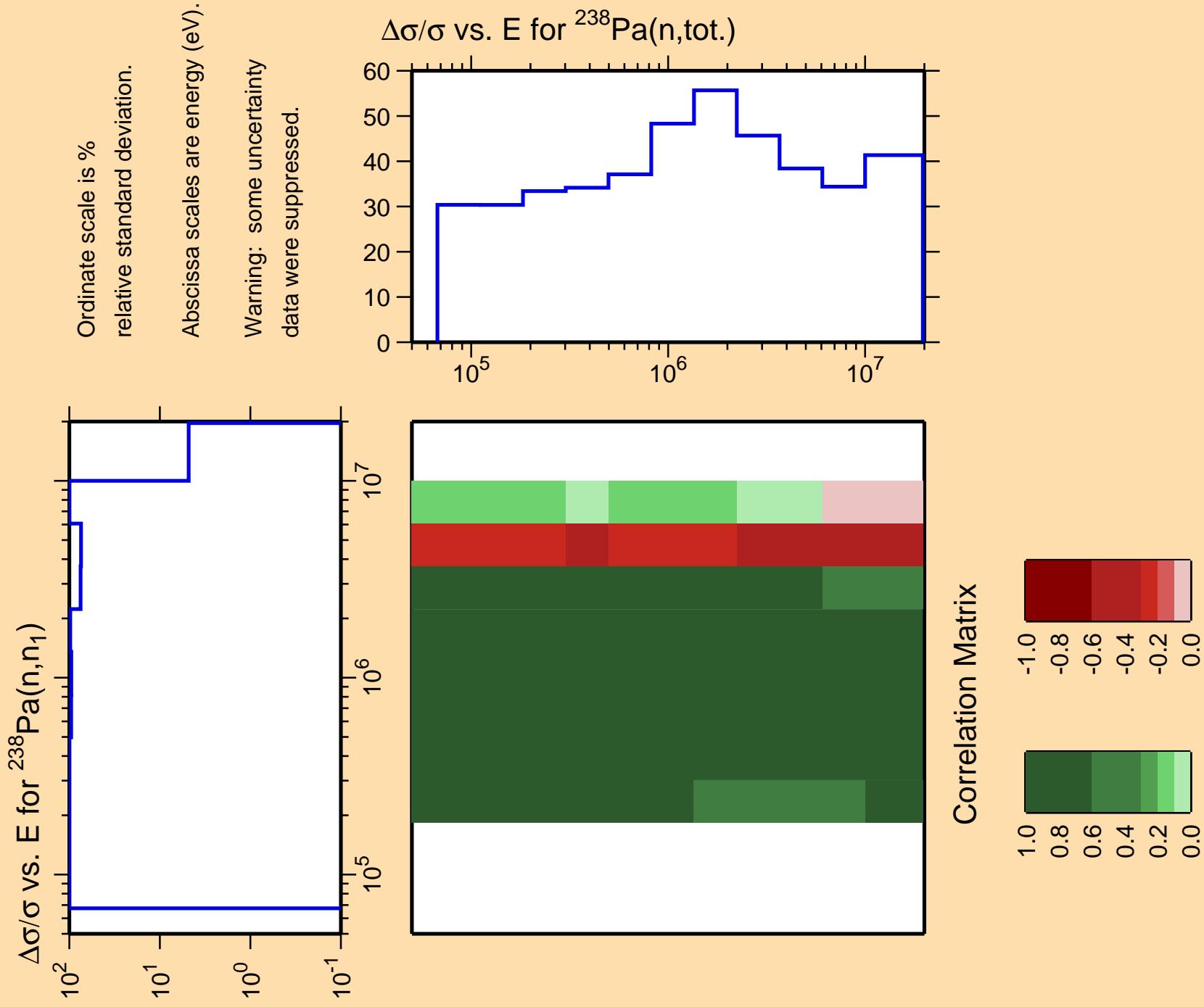
Ordinate scale is %  
relative standard deviation.

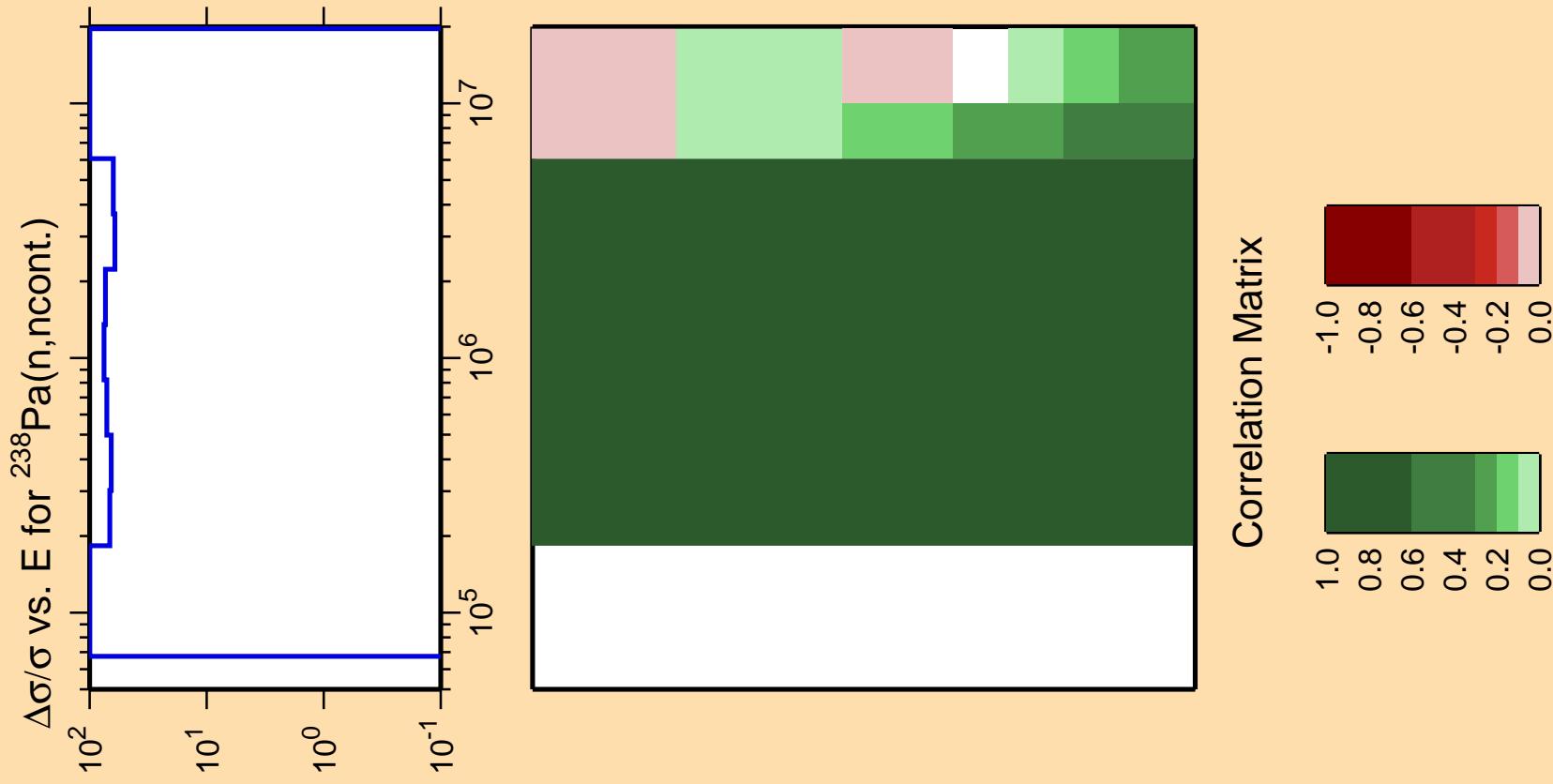
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



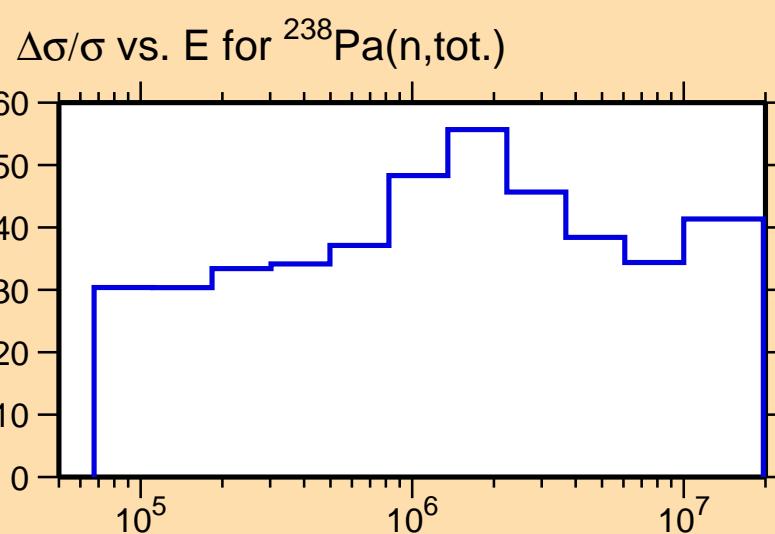


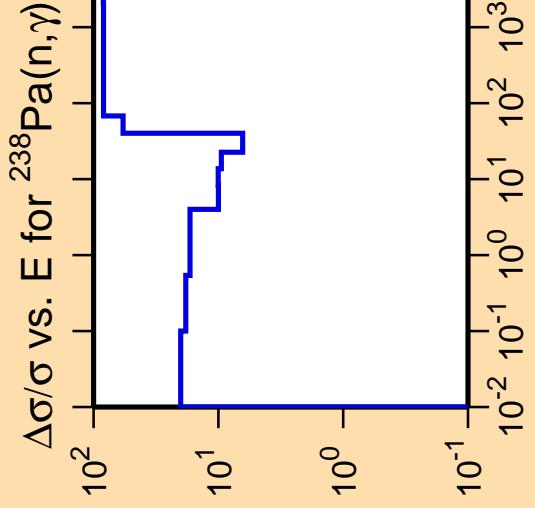


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

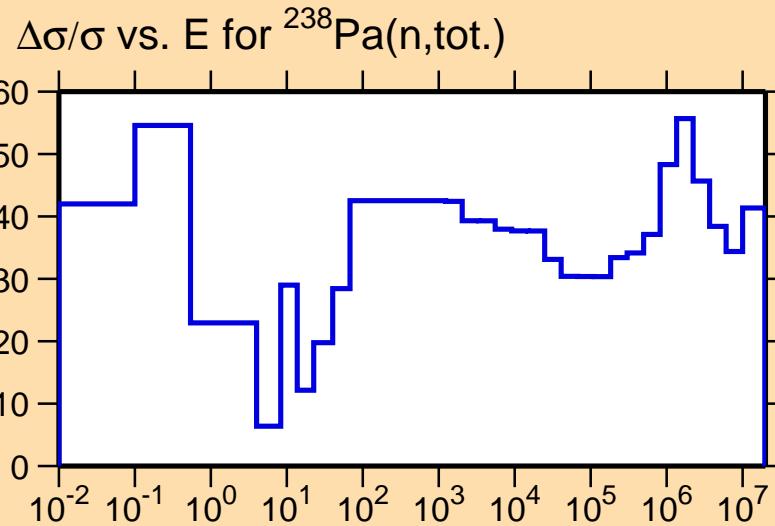
Warning: some uncertainty  
data were suppressed.





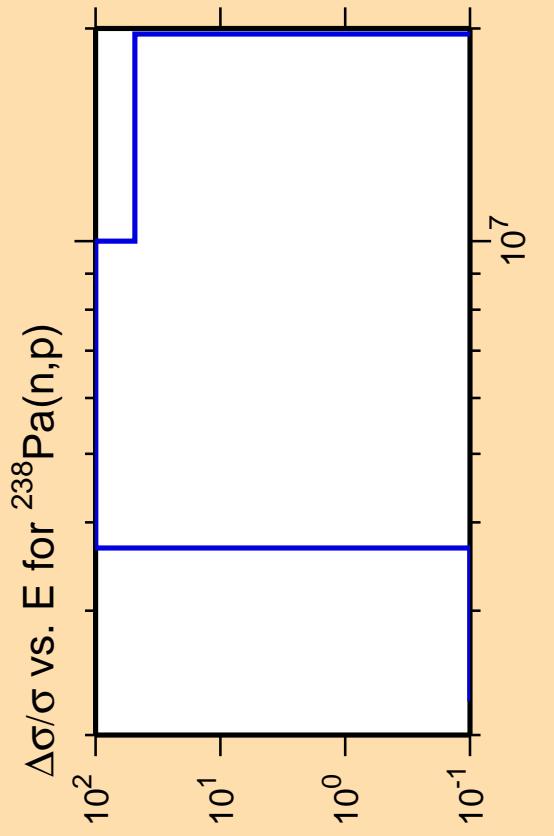
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



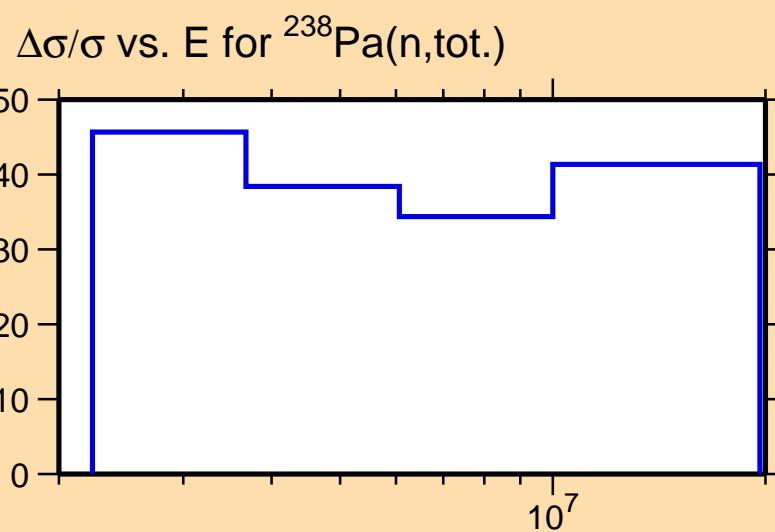
Correlation Matrix



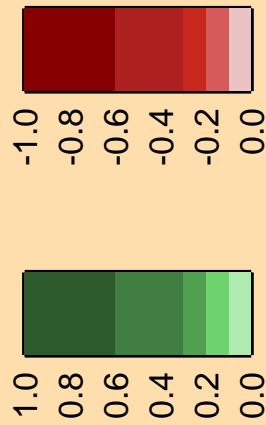


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



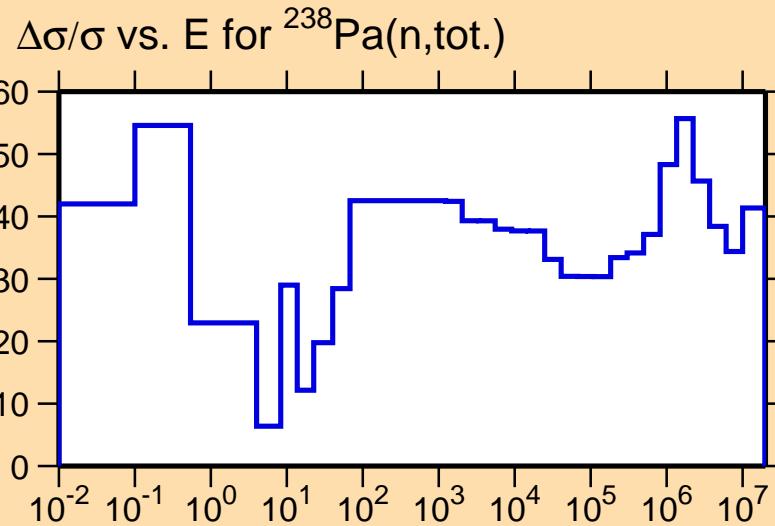
Correlation Matrix



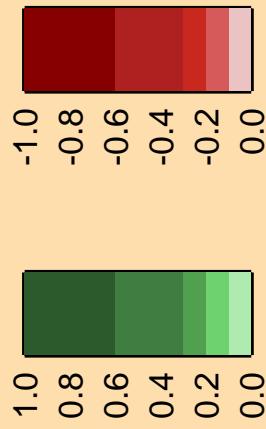
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,\alpha)$

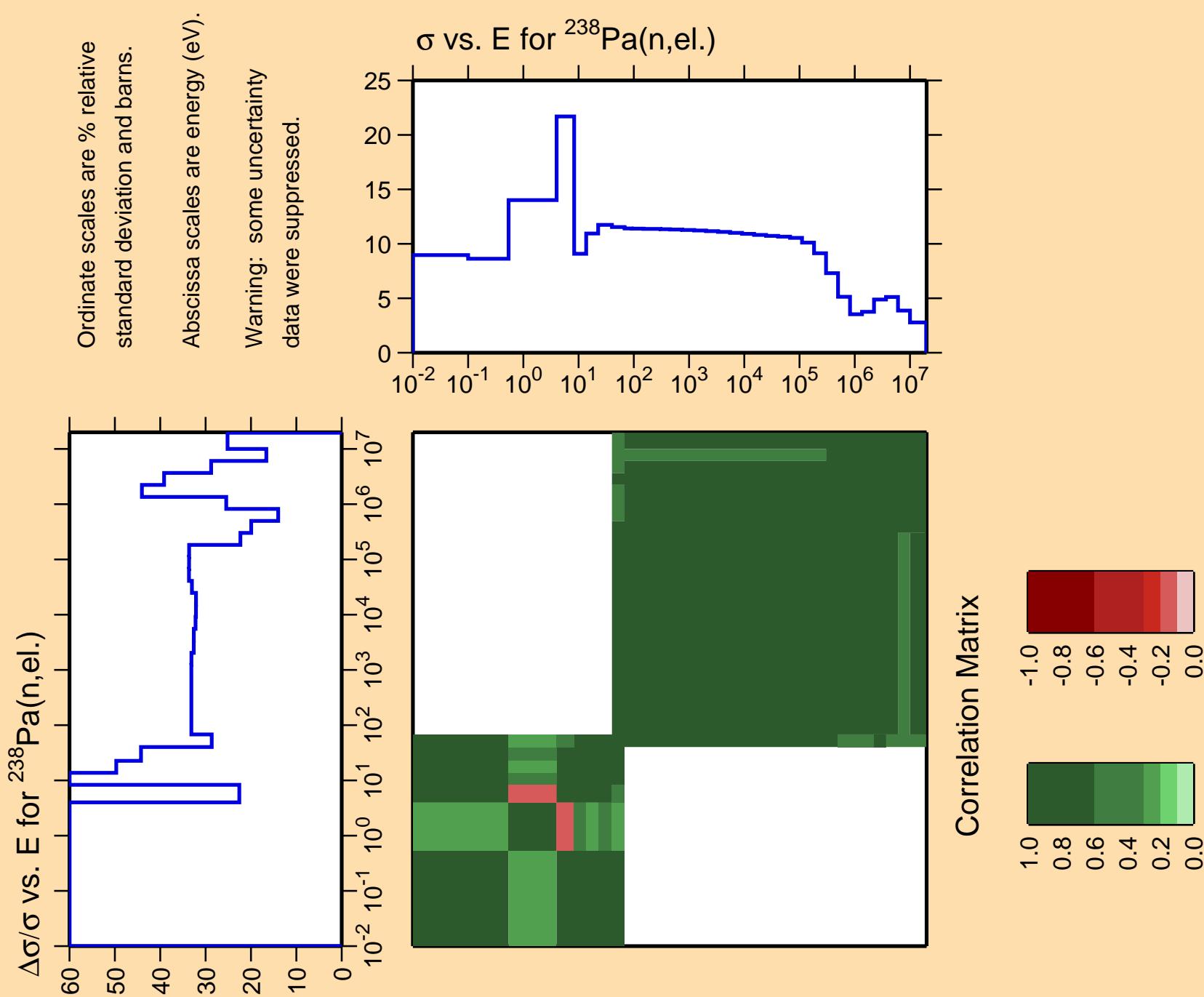
Ordinate scale is %  
relative standard deviation.

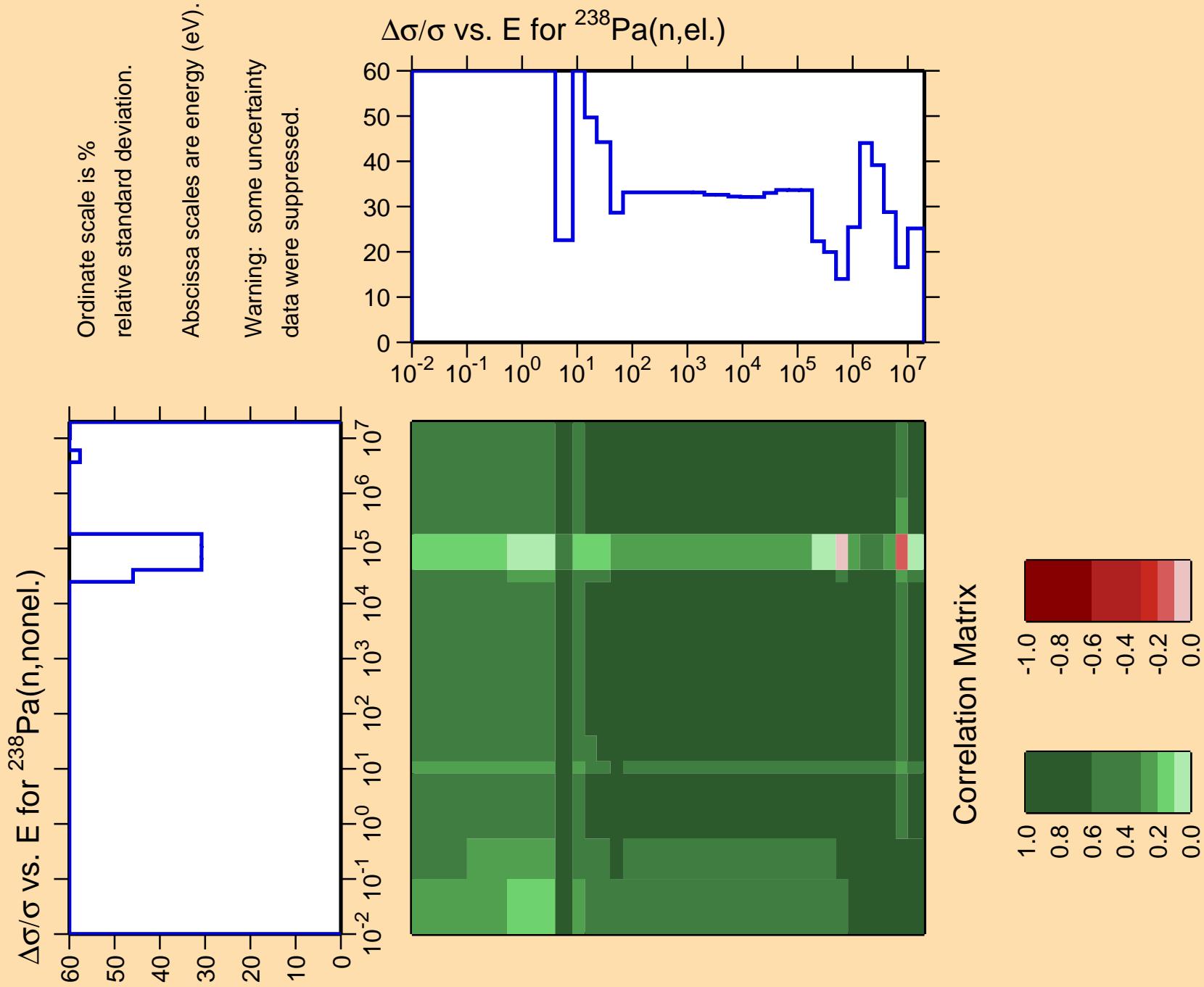
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

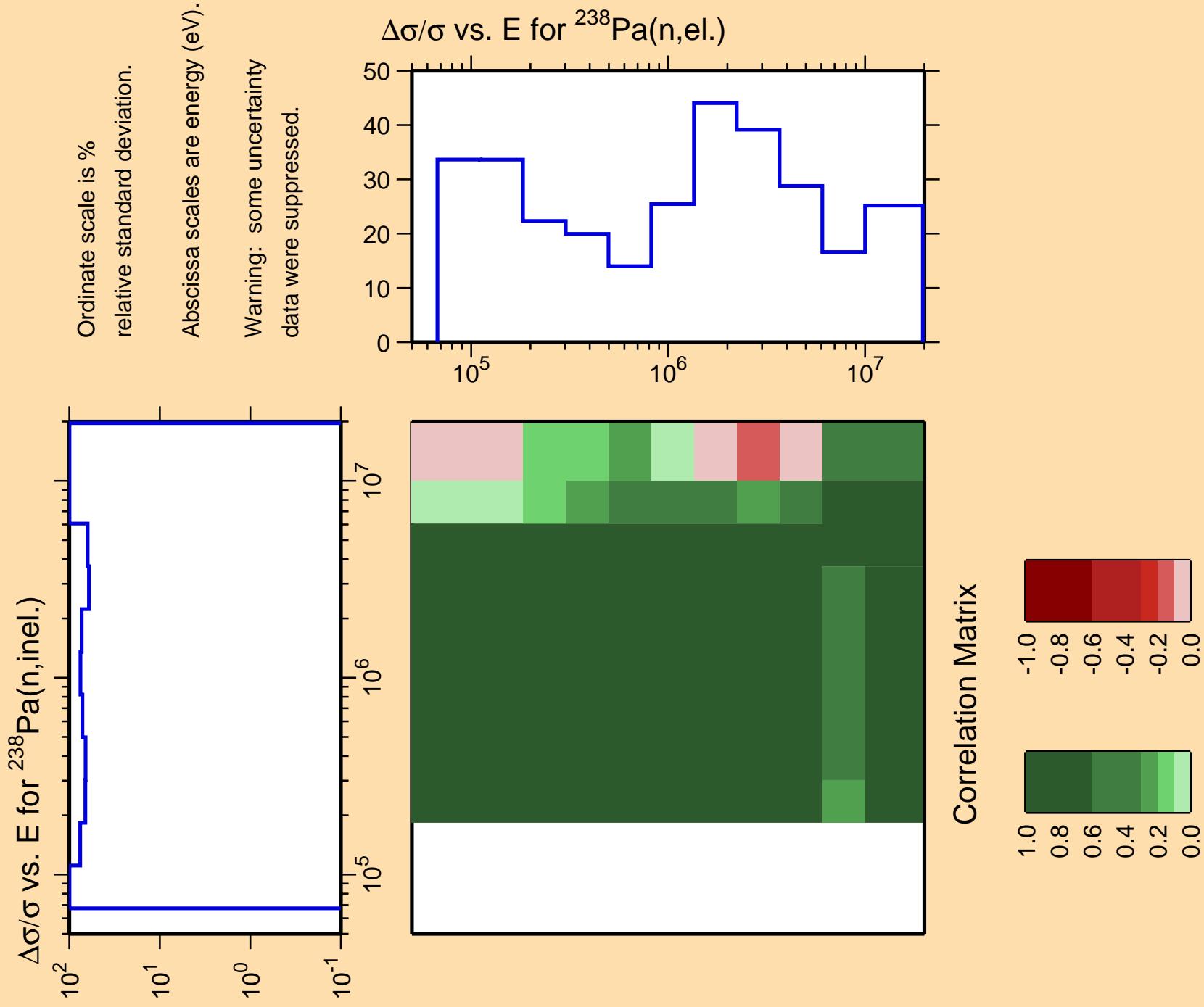


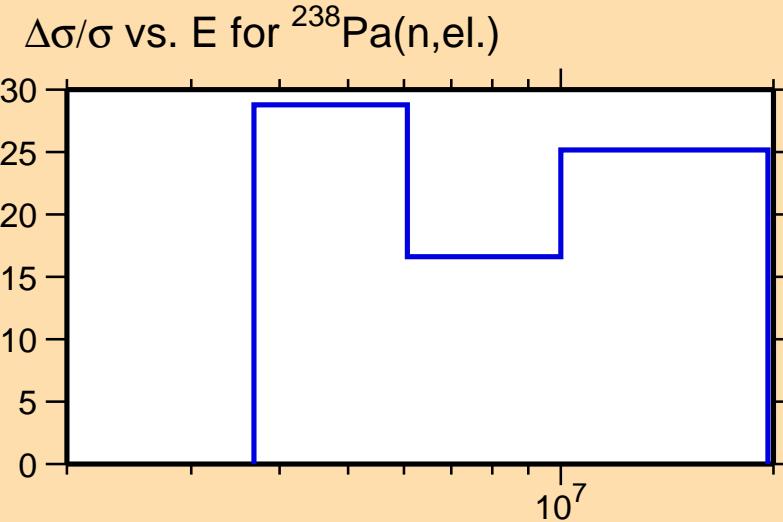
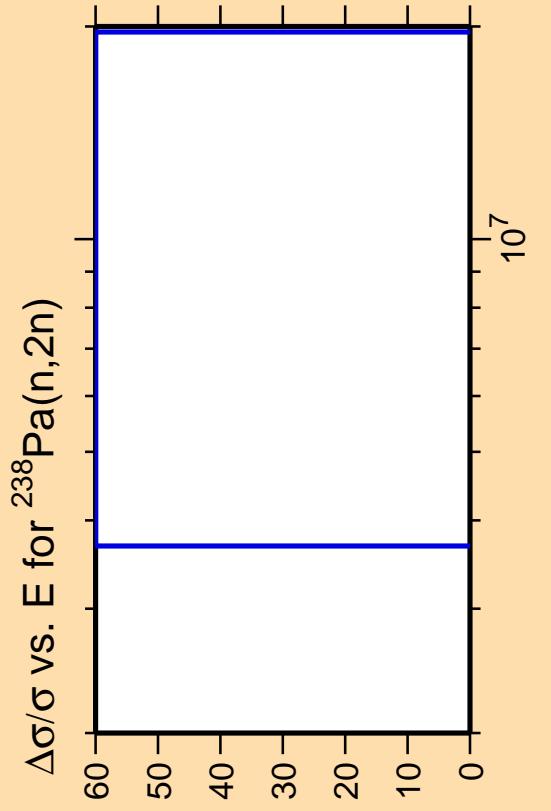
Correlation Matrix



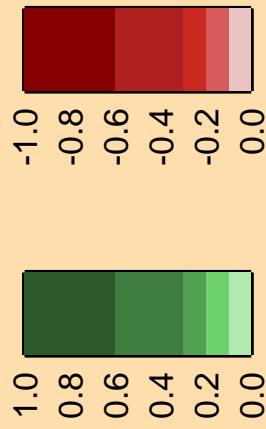








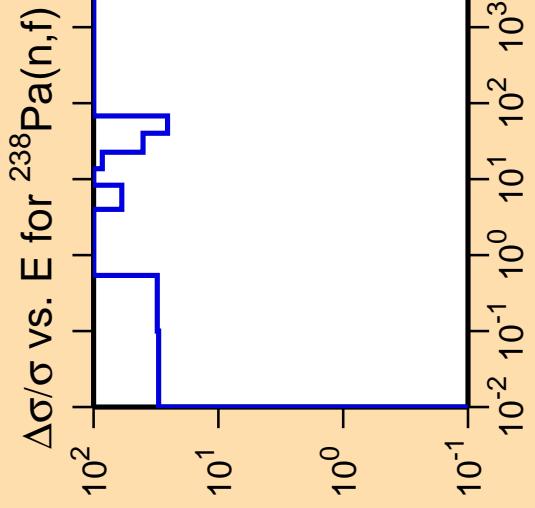
Correlation Matrix



Ordinate scale is %  
relative standard deviation.

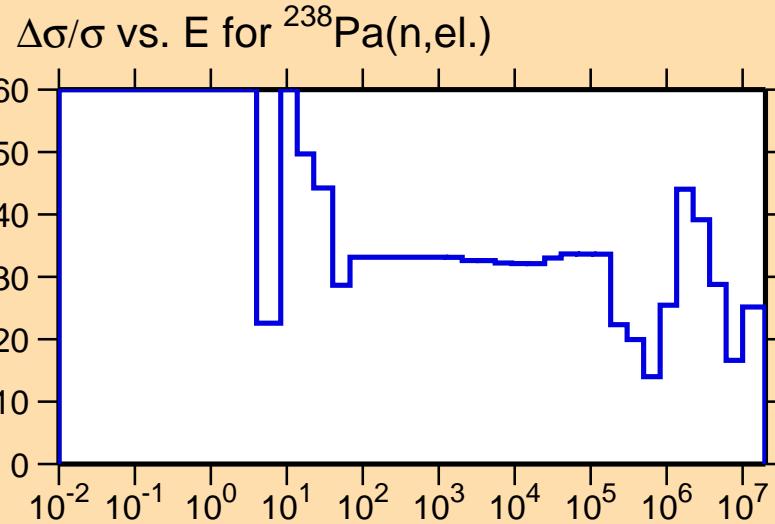
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

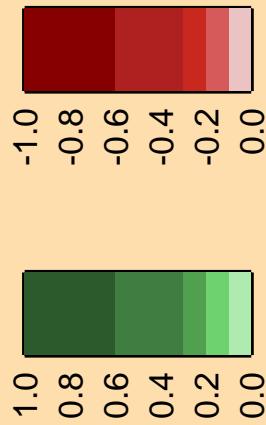


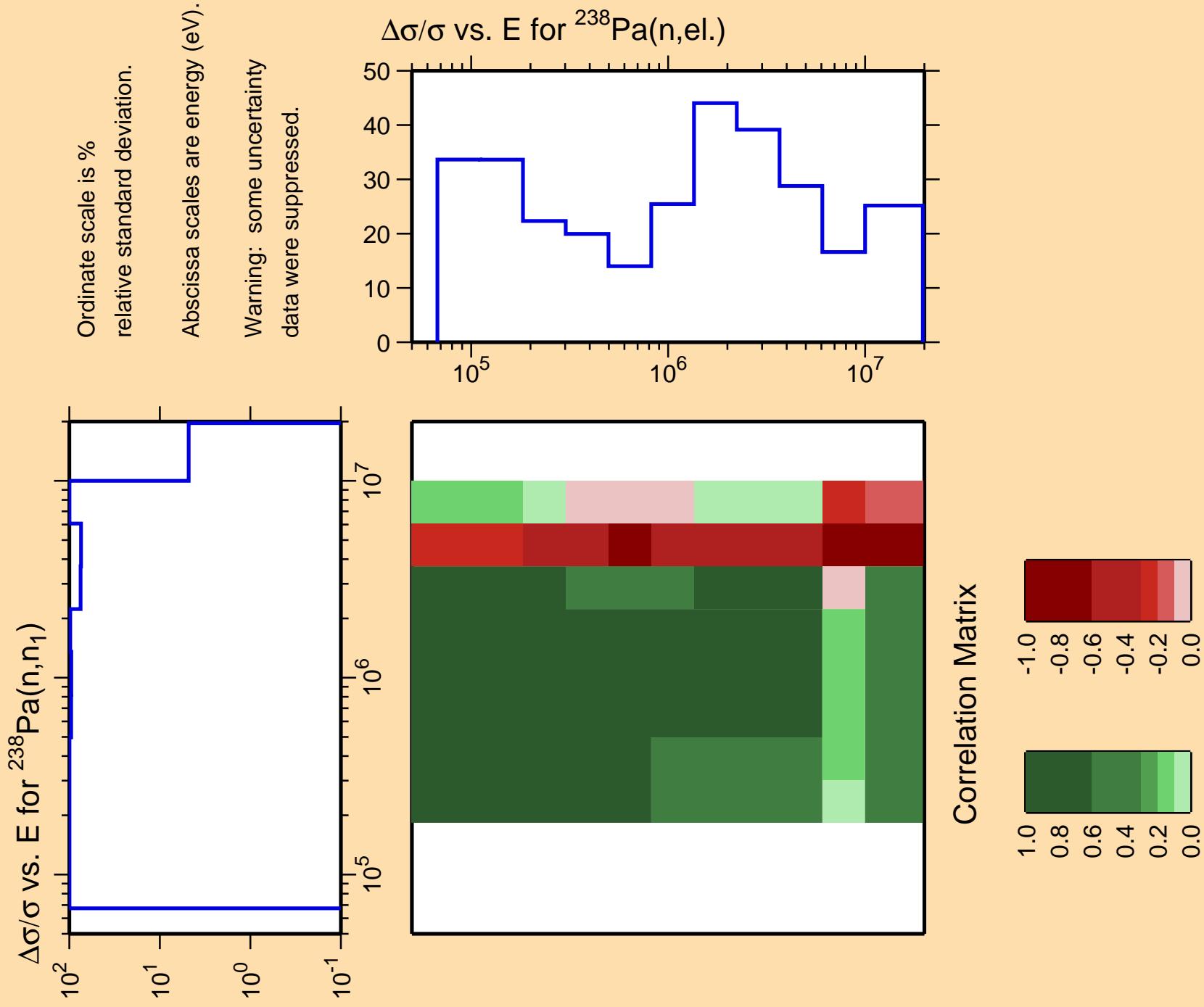
Ordinate scale is %  
relative standard deviation.

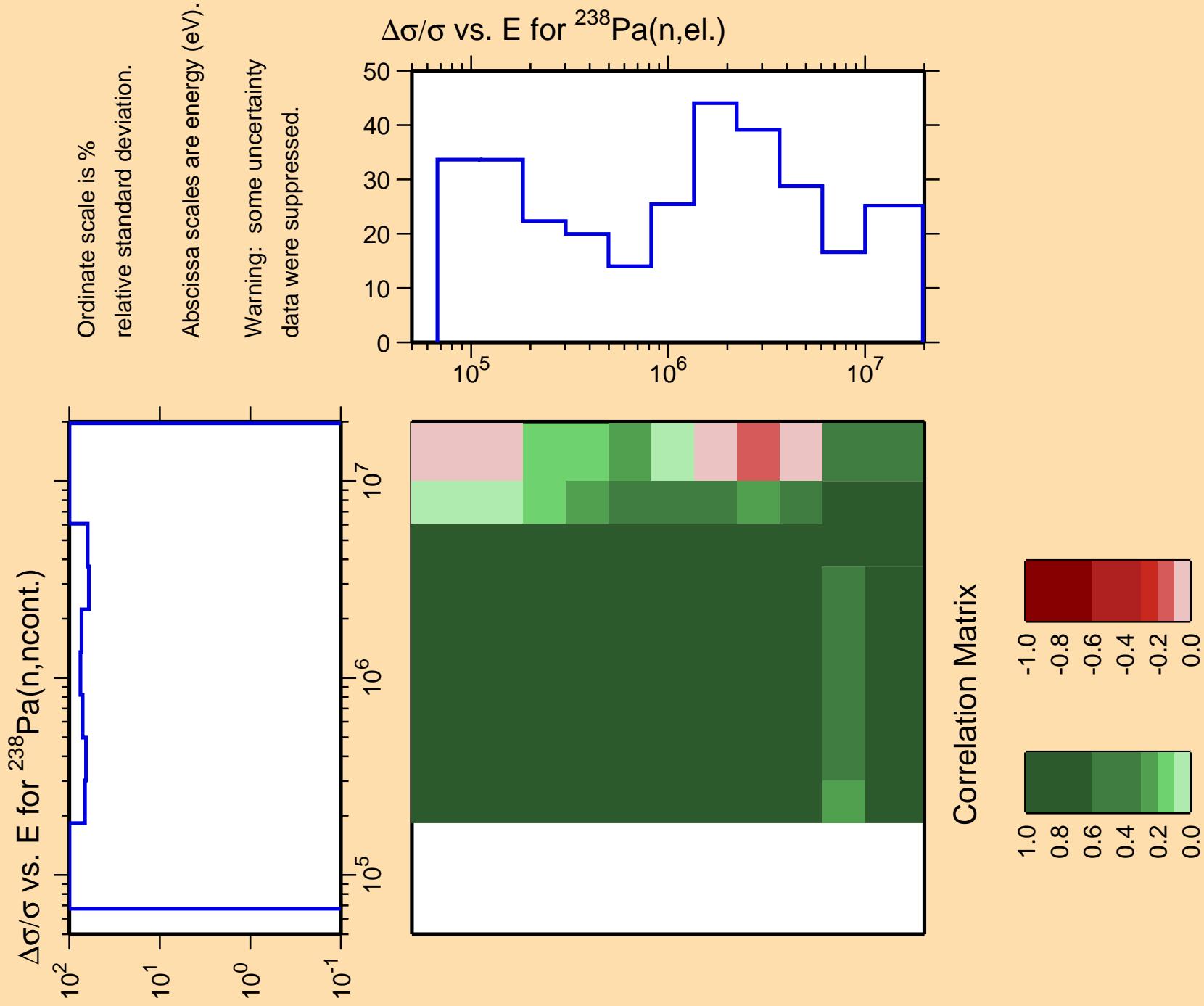
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Warning: some uncertainty  
data were suppressed.

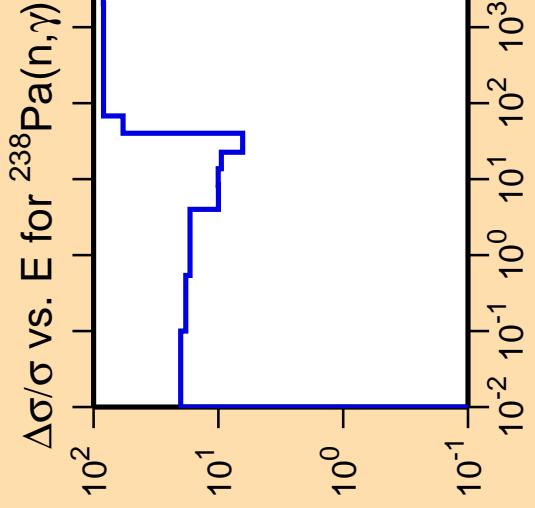


Correlation Matrix



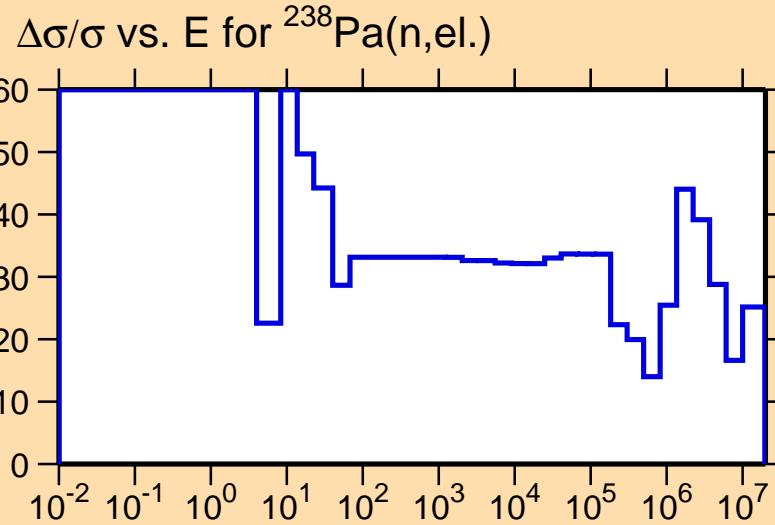




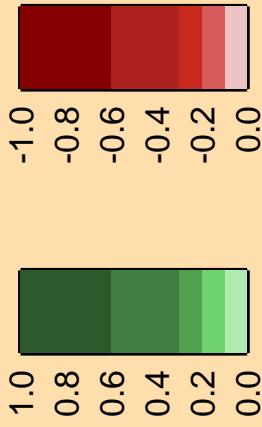


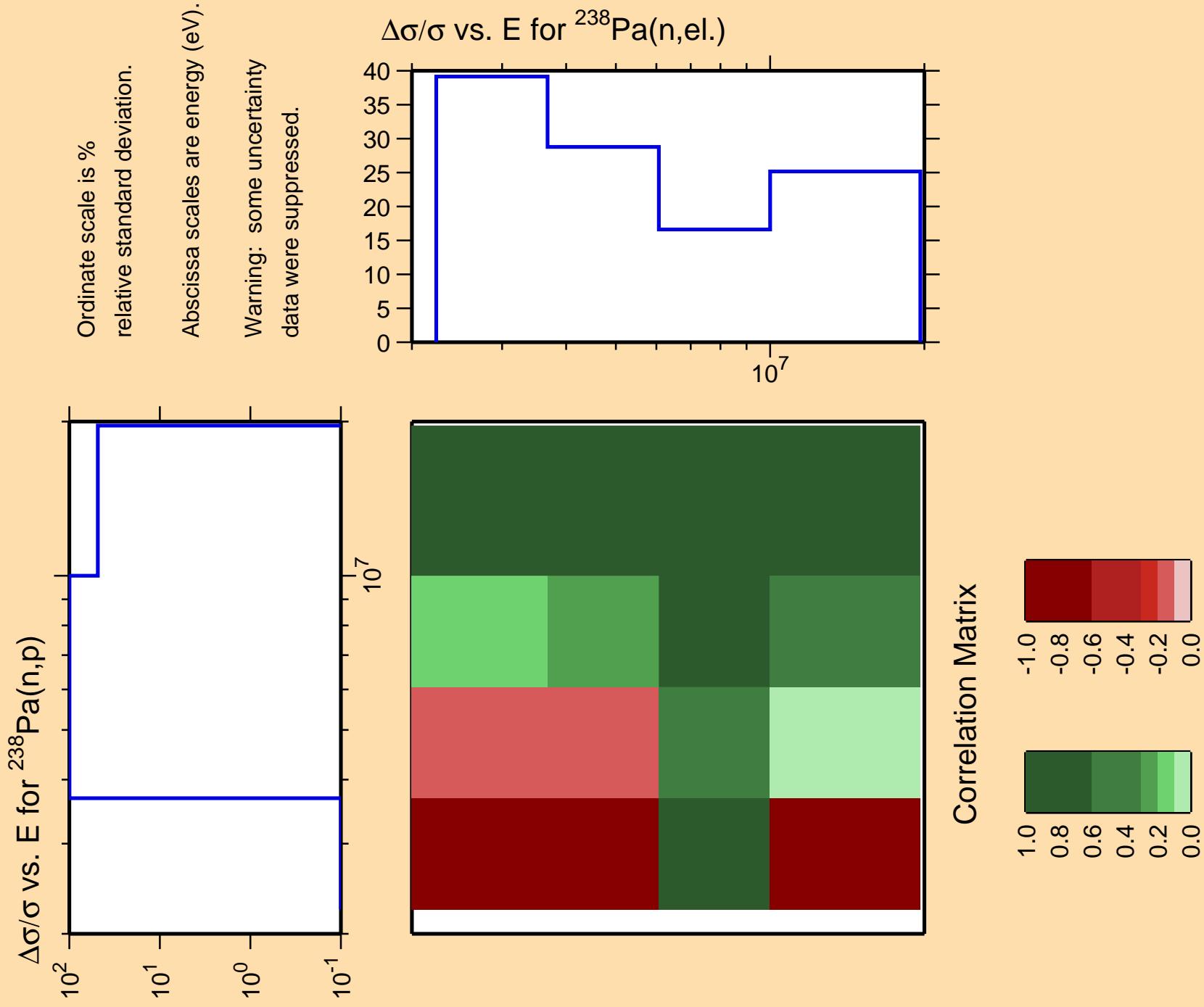
Ordinate scale is %  
relative standard deviation.

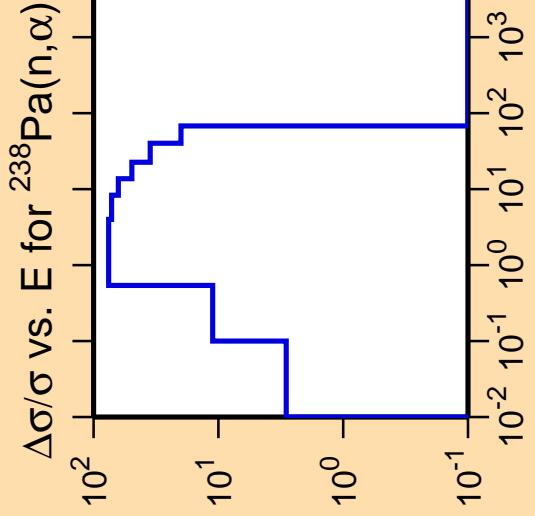
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

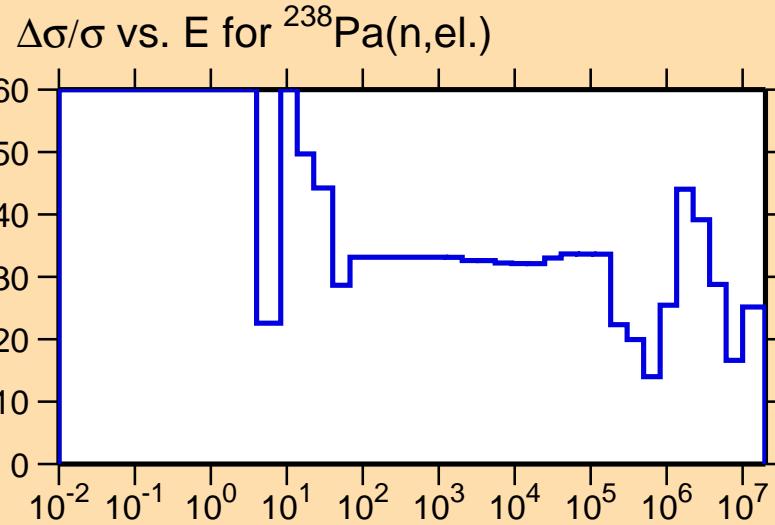




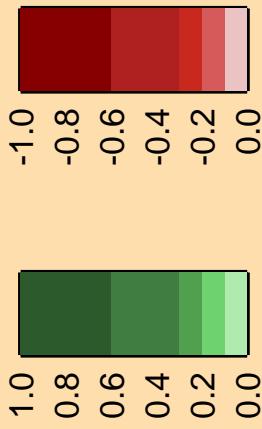


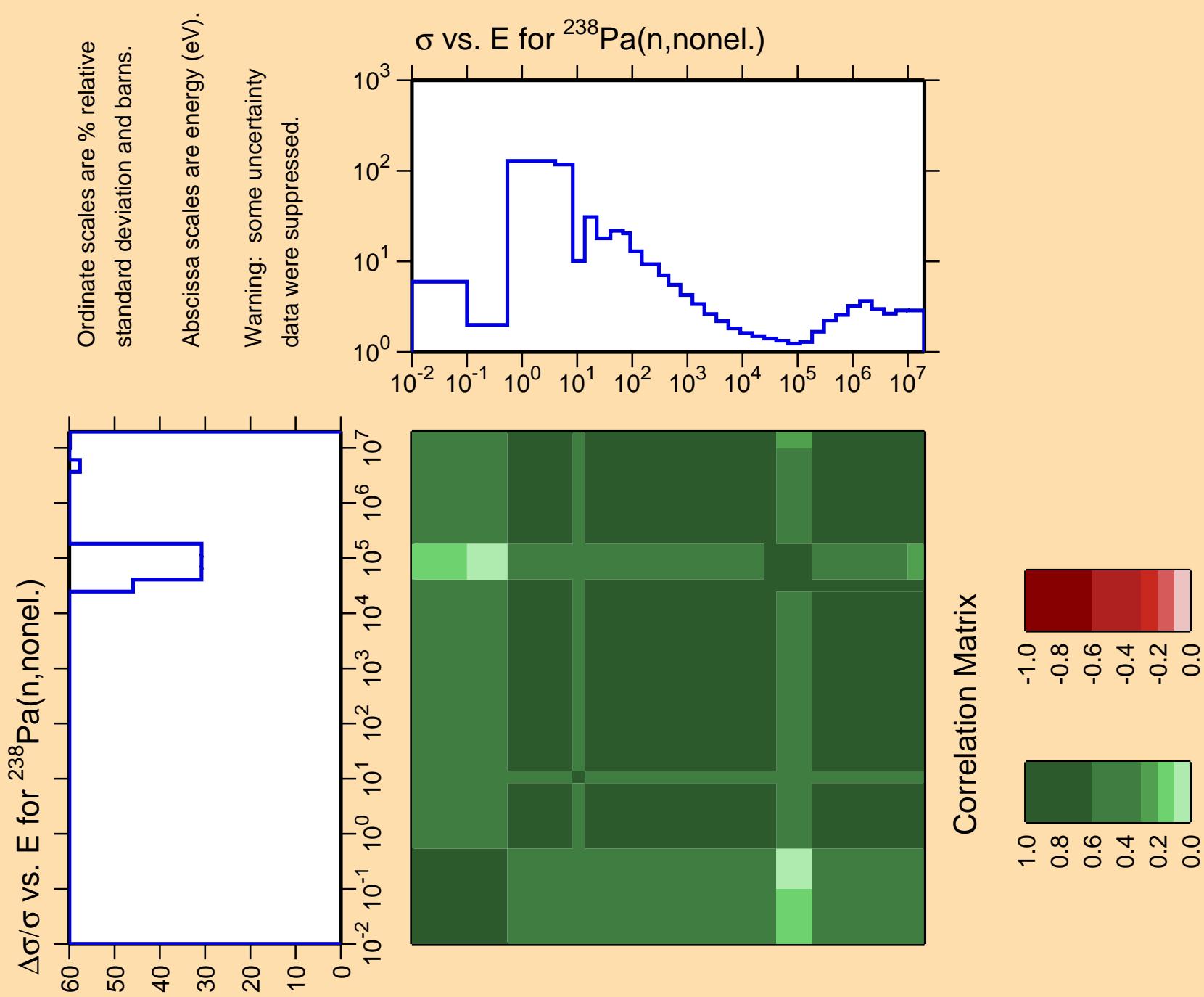
Ordinate scale is %  
relative standard deviation.

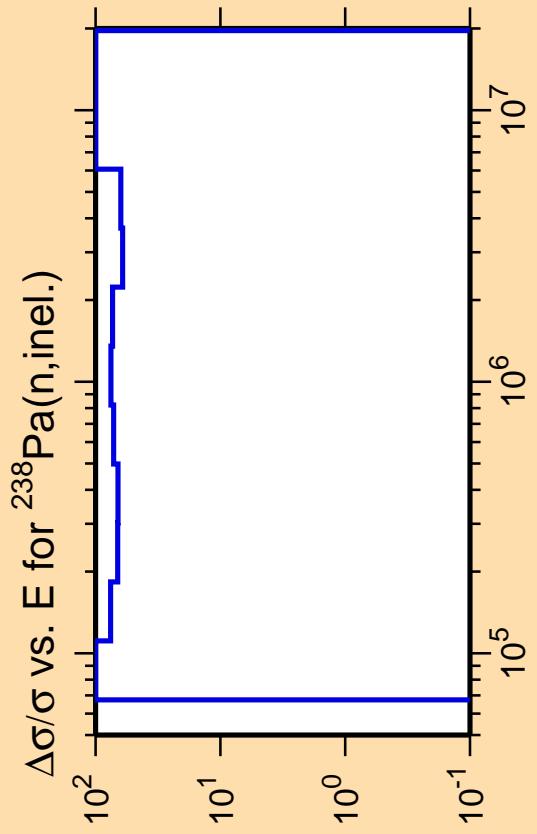
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

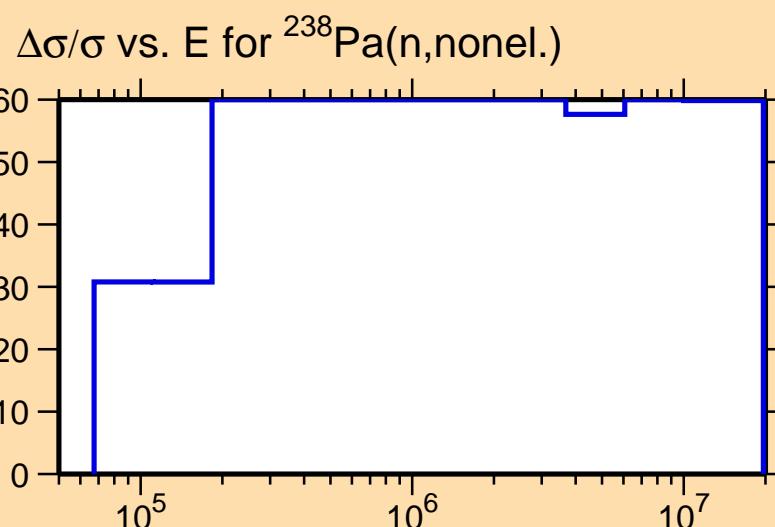




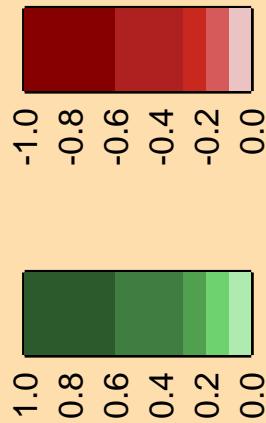


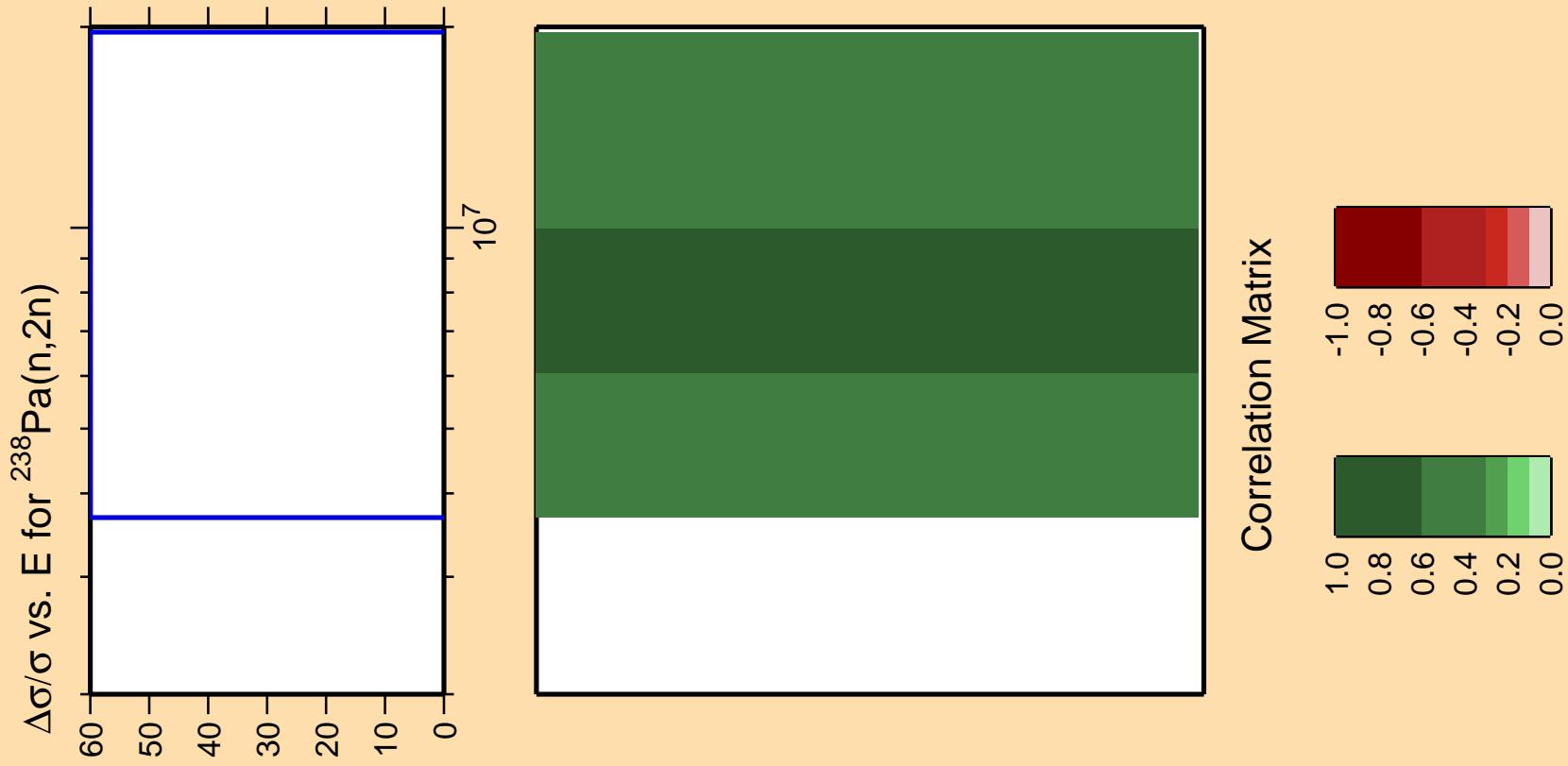
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

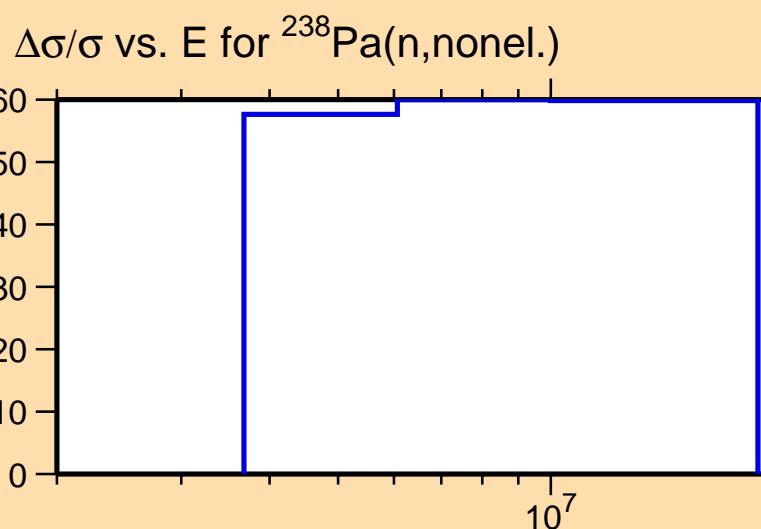


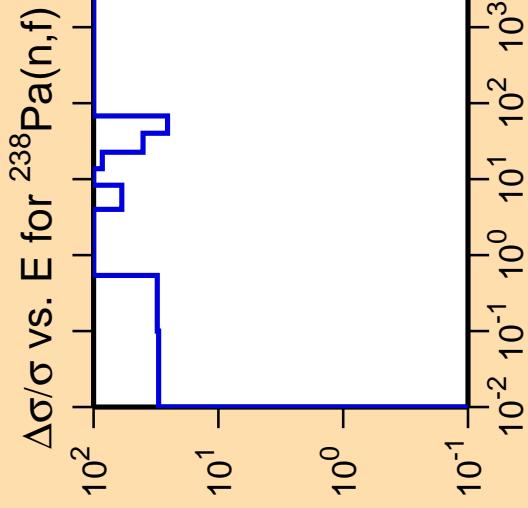


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

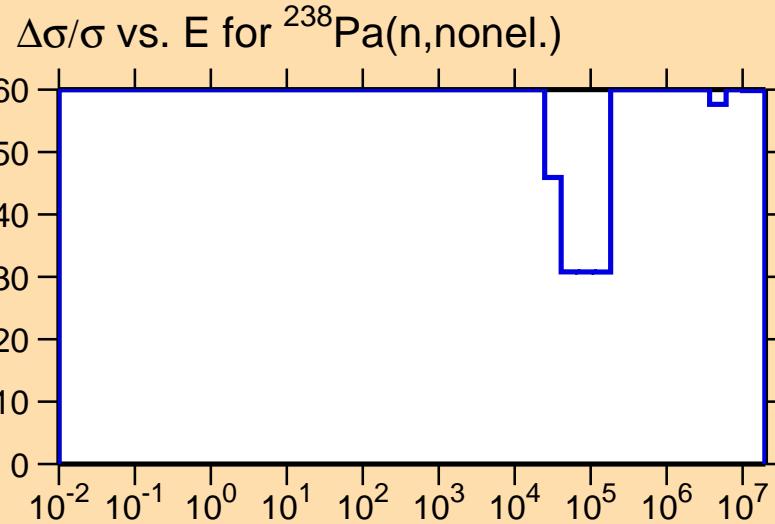
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data were suppressed.





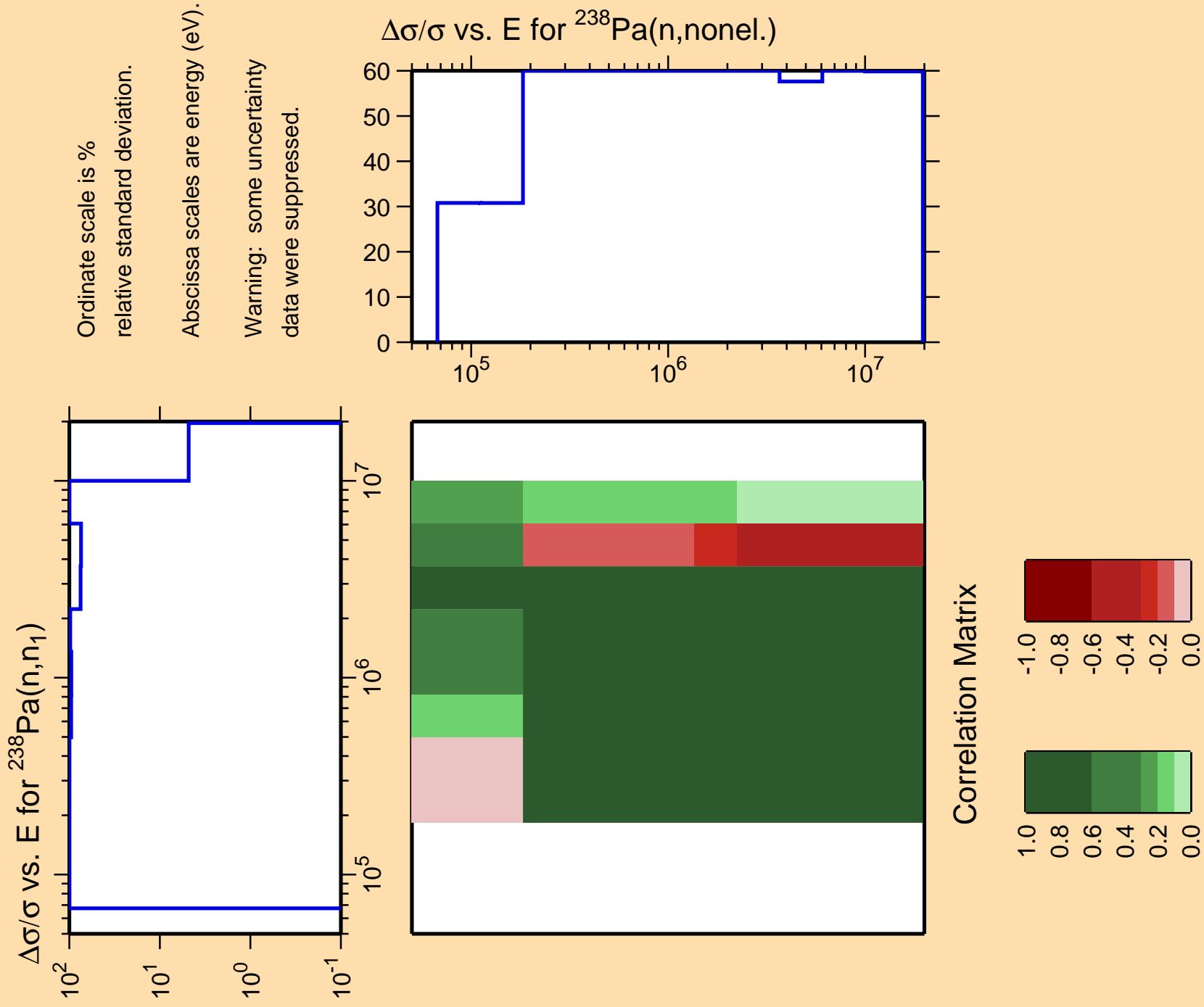
Ordinate scale is %  
relative standard deviation.

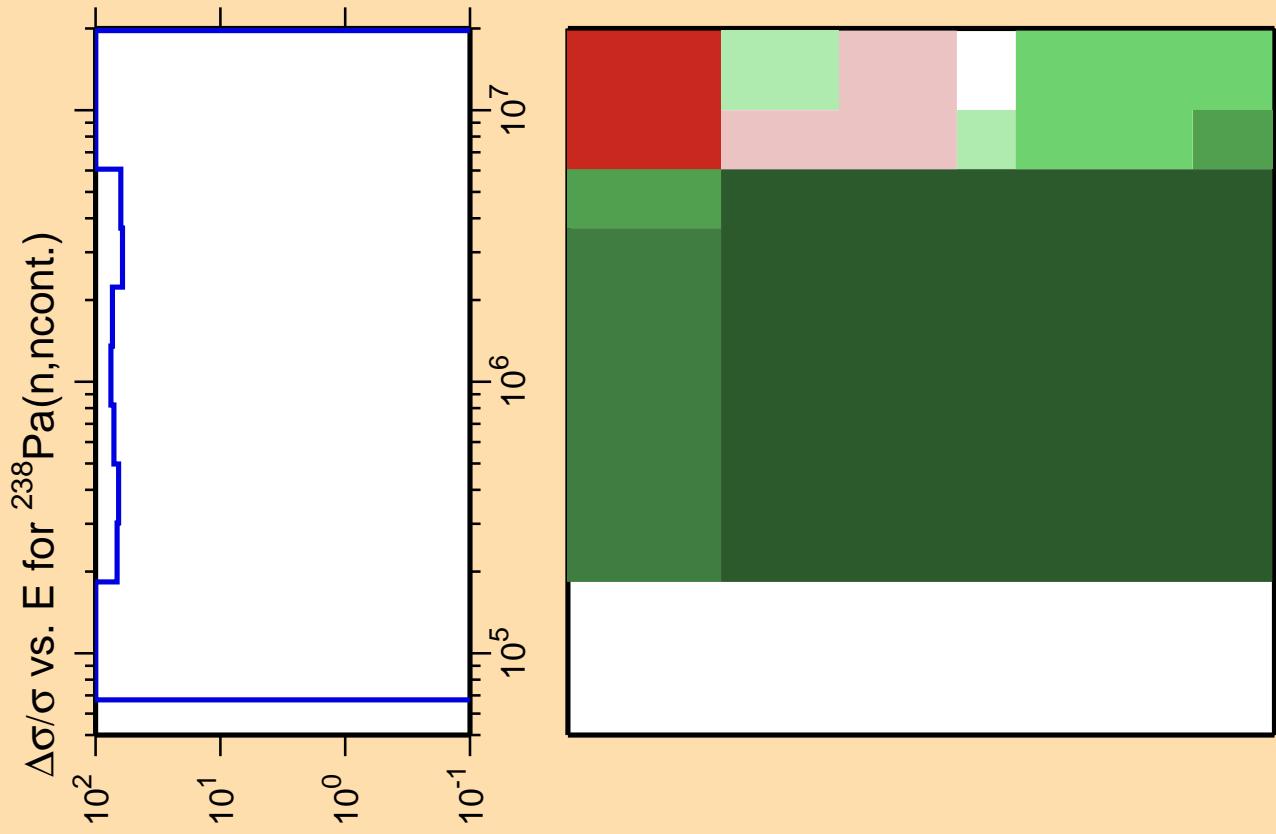
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Correlation Matrix



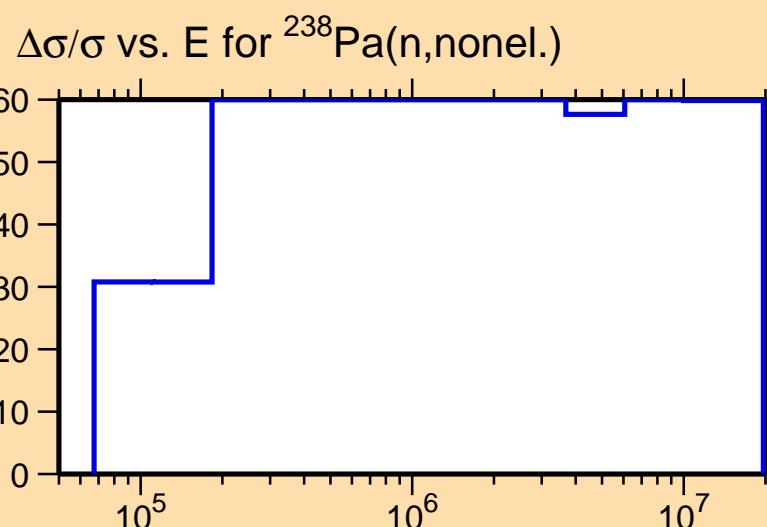




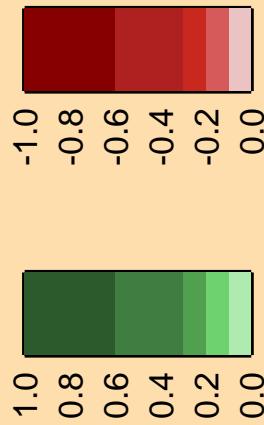
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



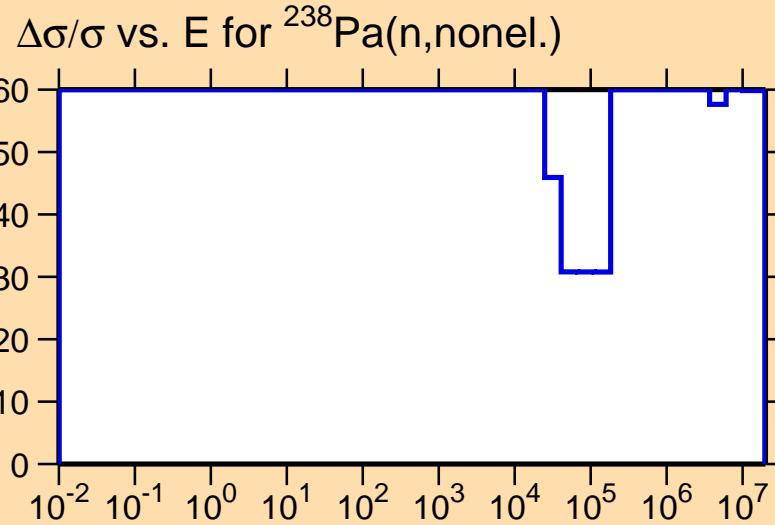
Correlation Matrix



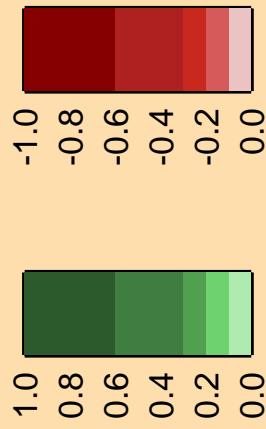
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,\gamma)$

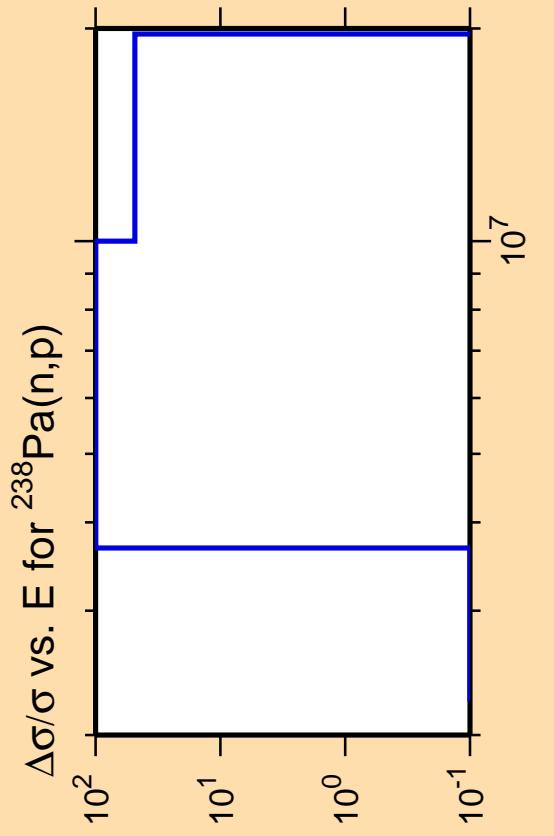
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



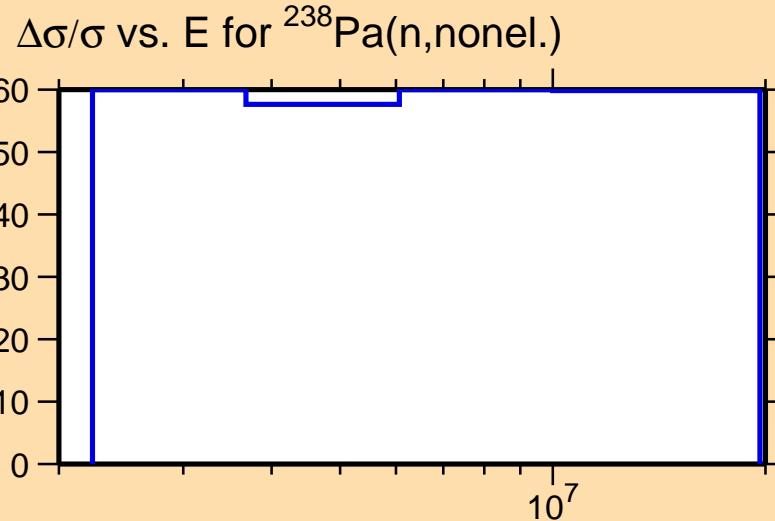
Correlation Matrix





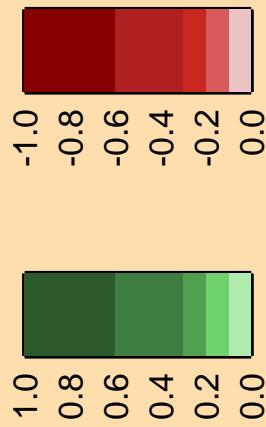
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,\text{nonel.})$

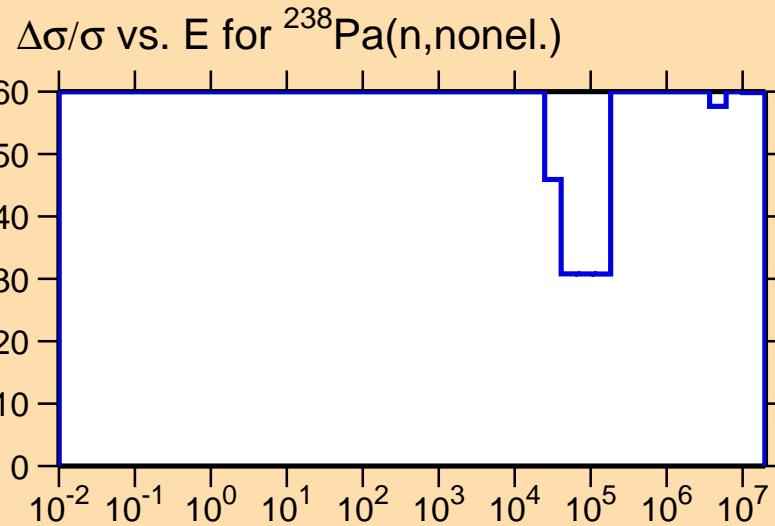
### Correlation Matrix



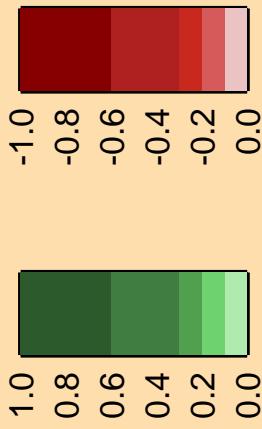
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(\text{n},\alpha)$

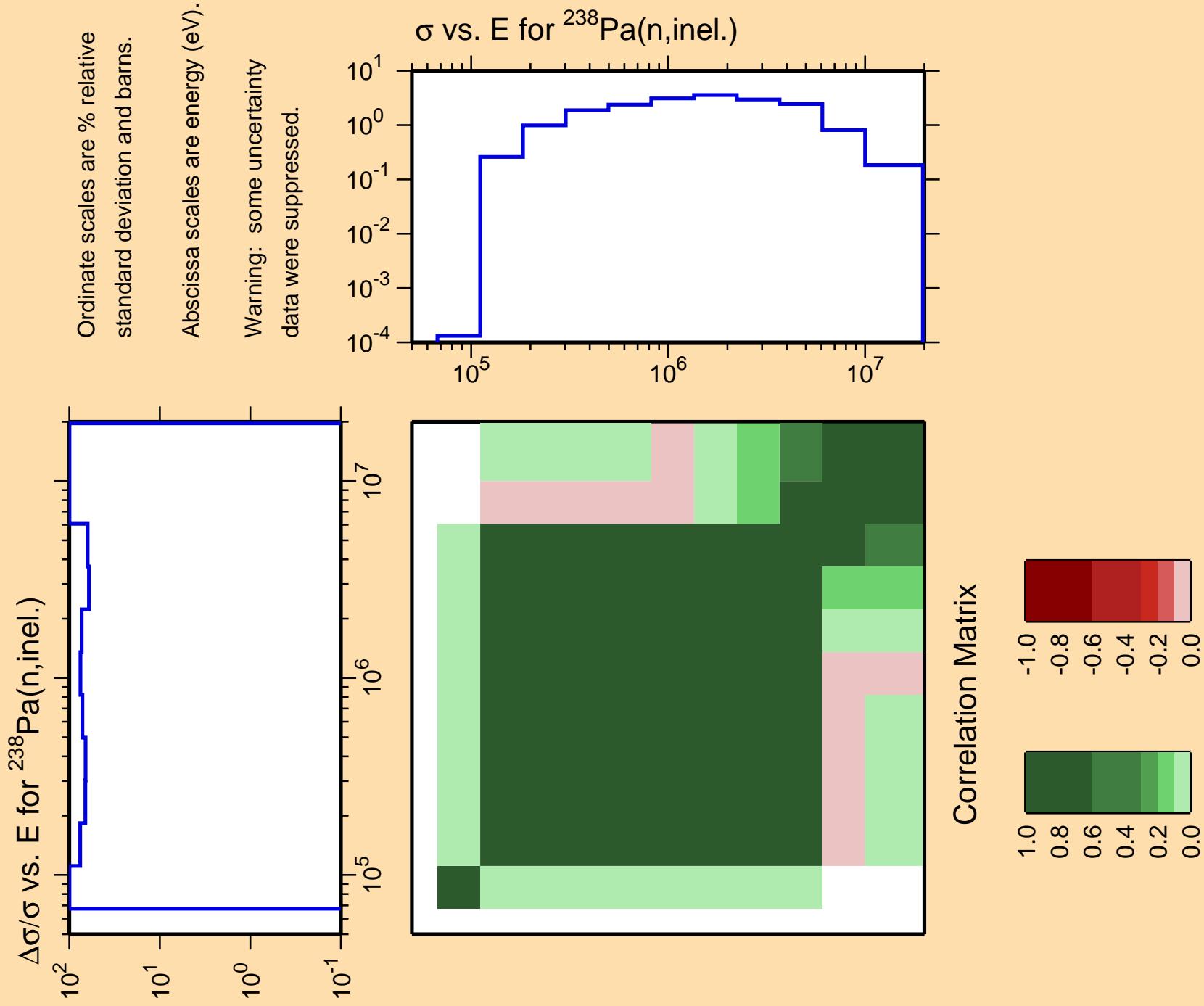
Ordinate scale is %  
relative standard deviation.

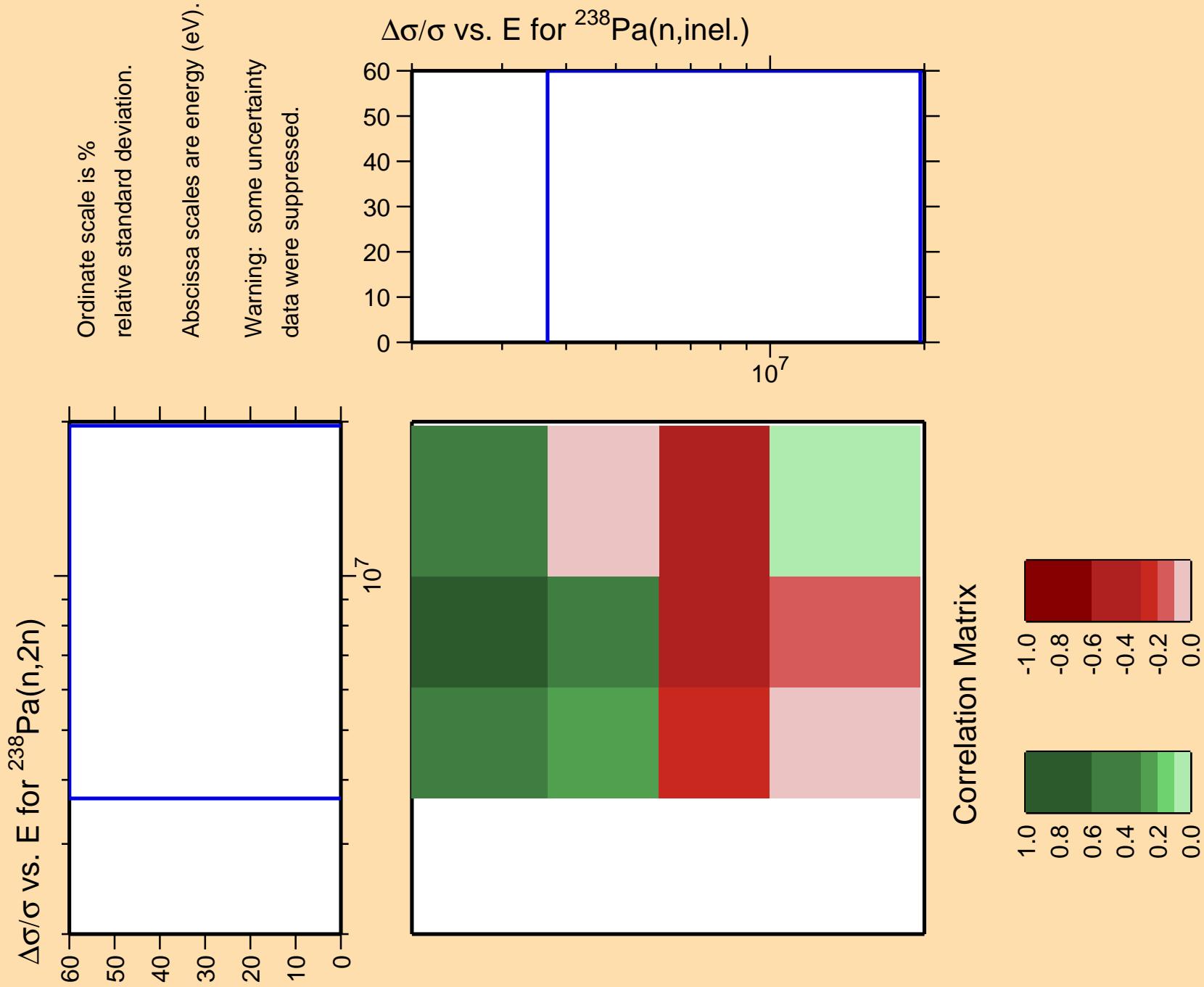
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

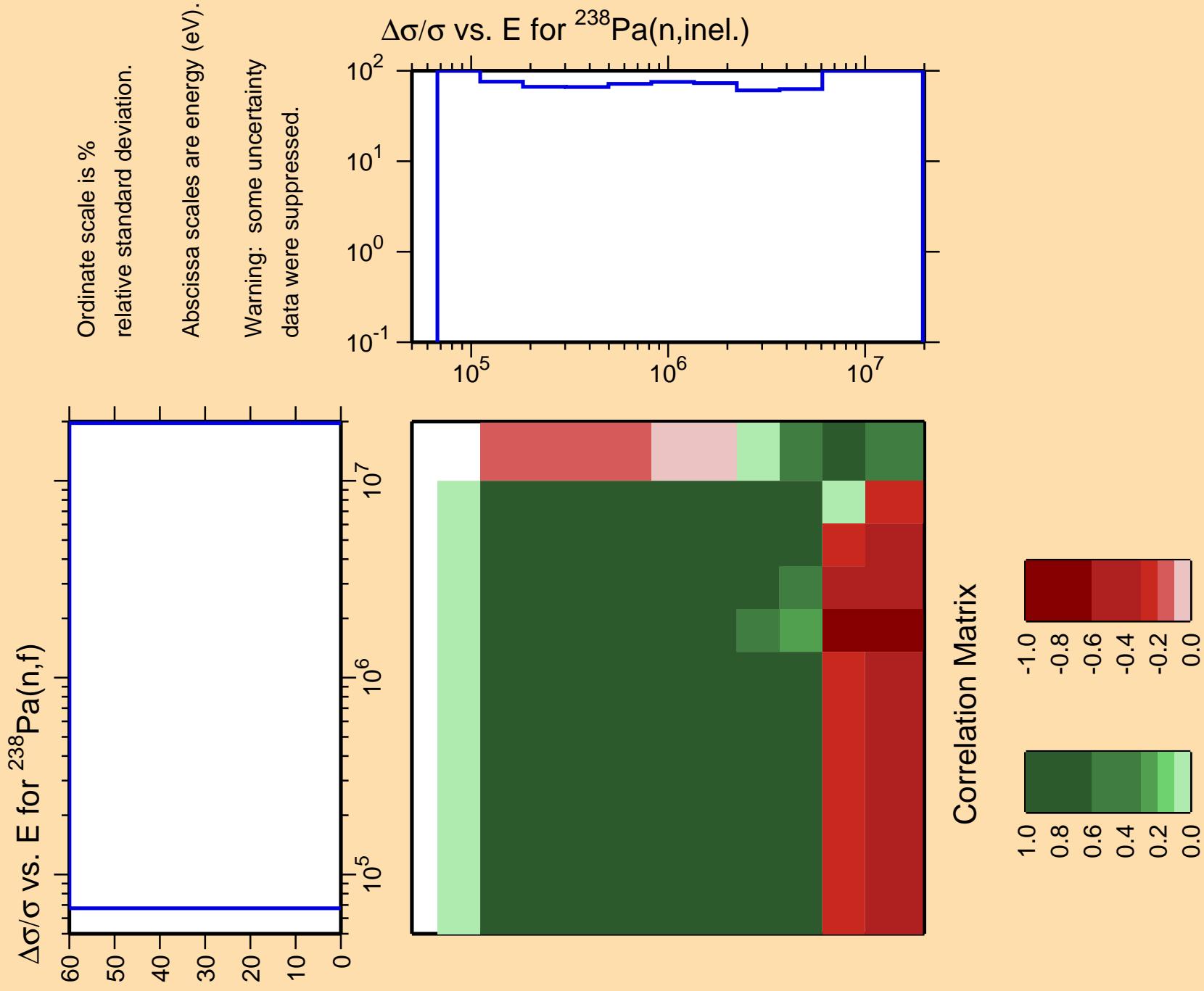


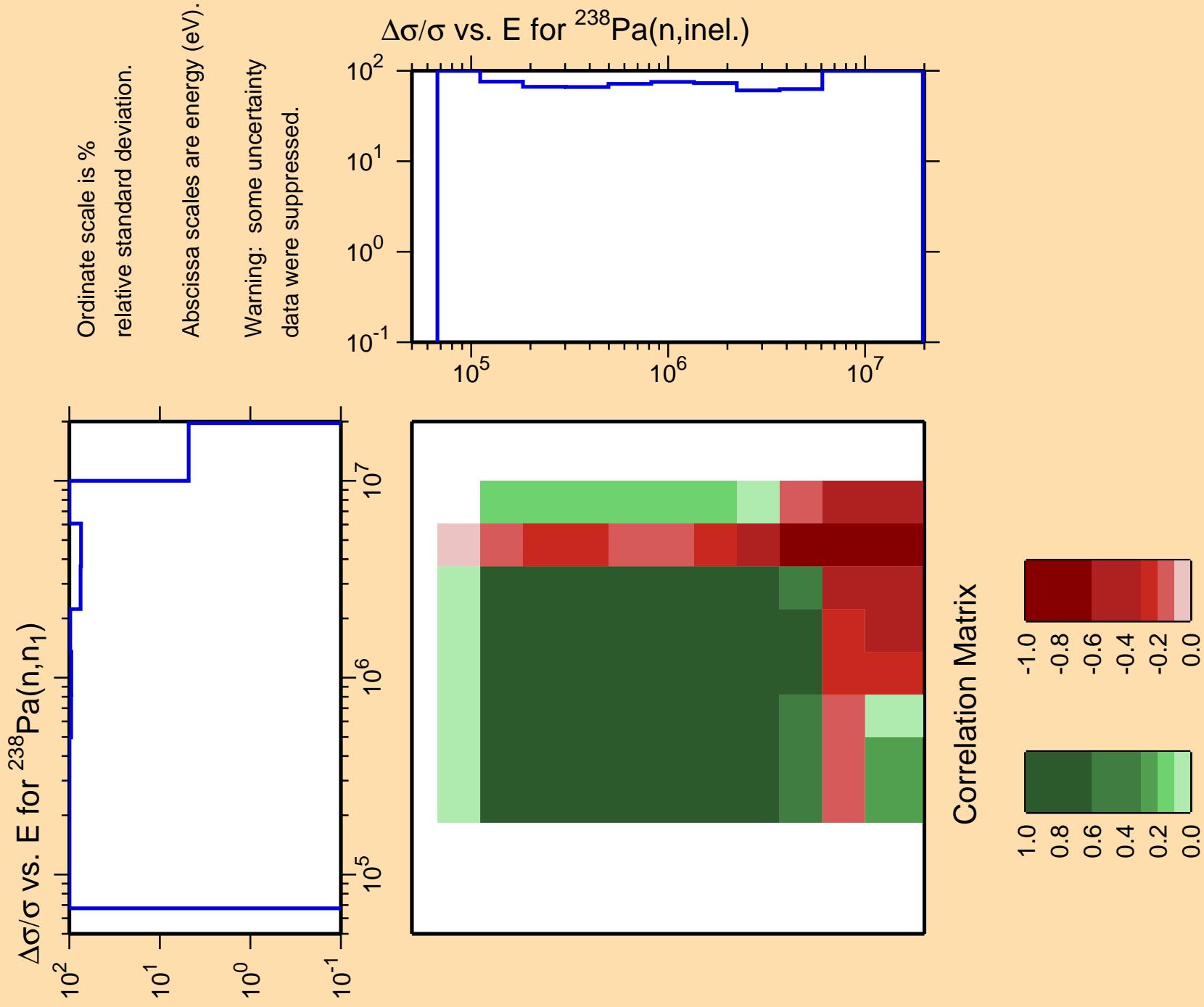
Correlation Matrix

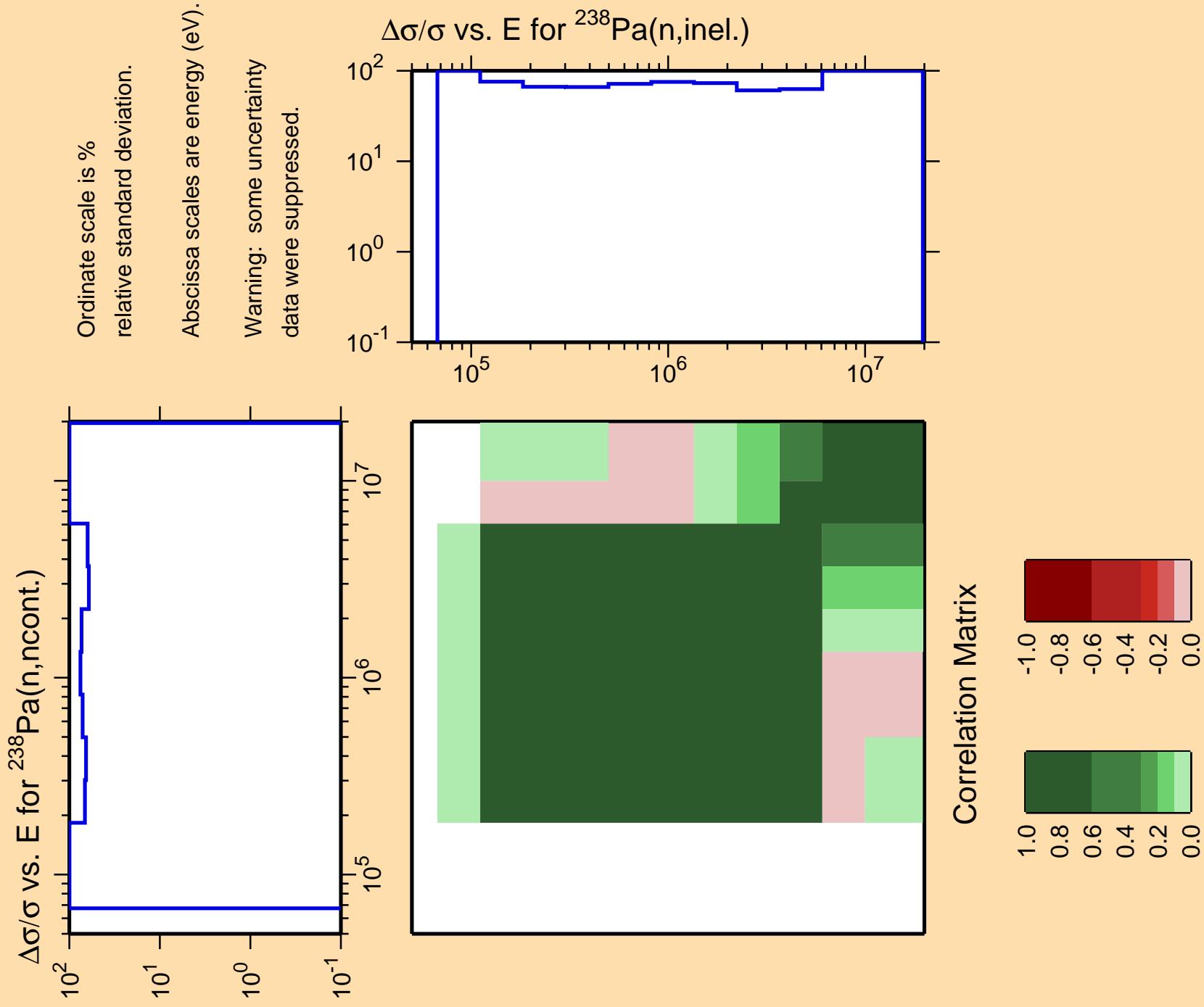


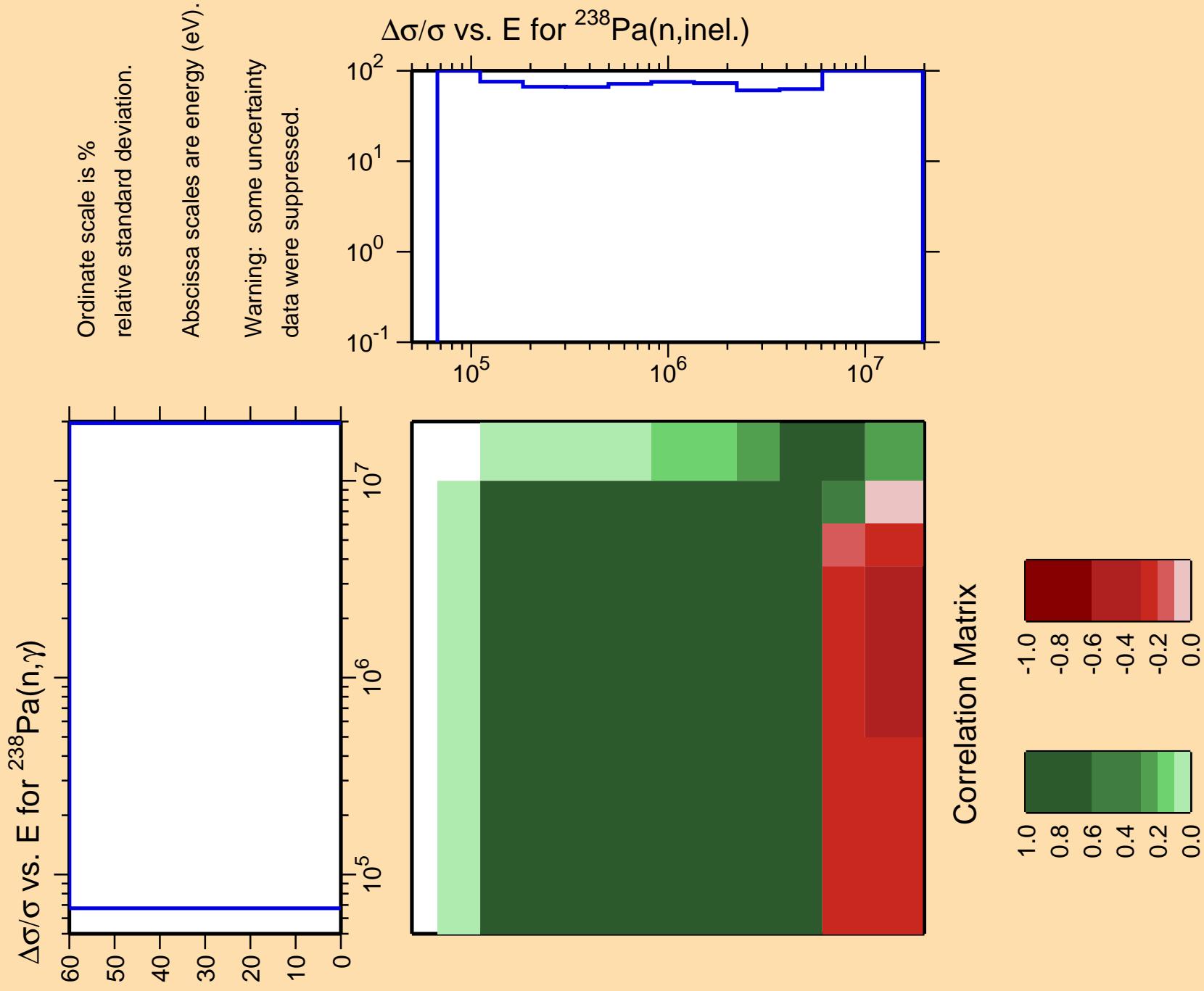


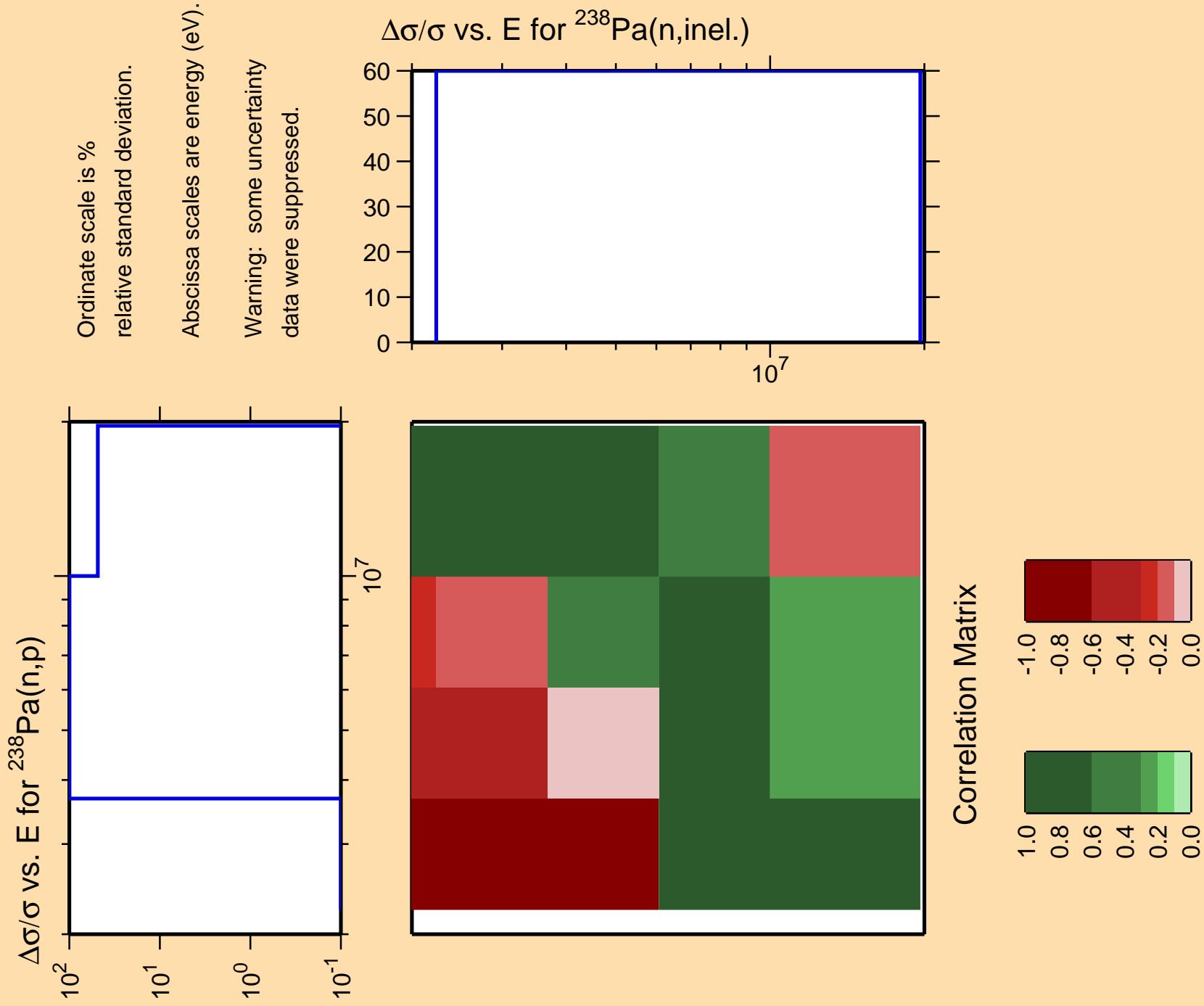


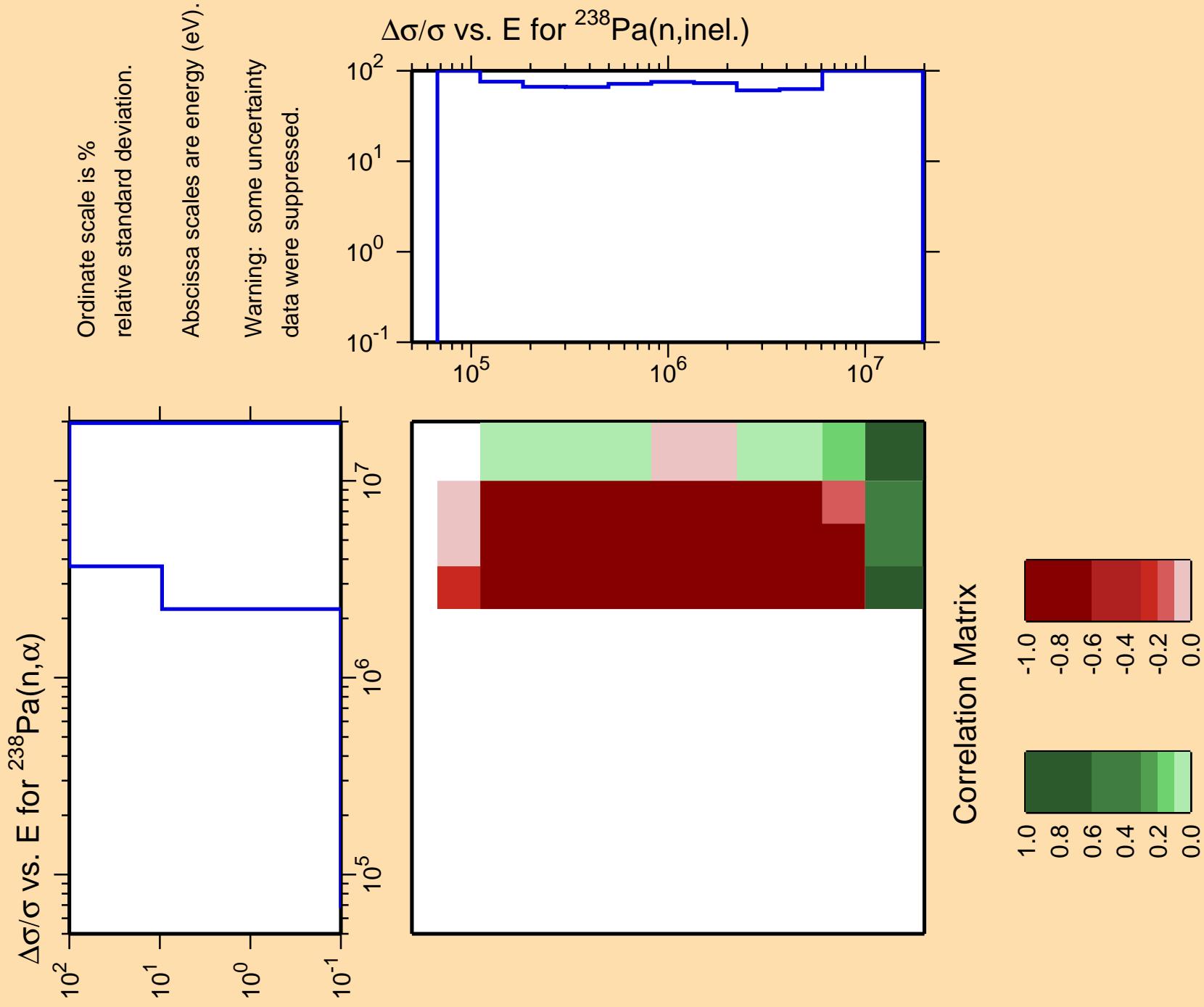








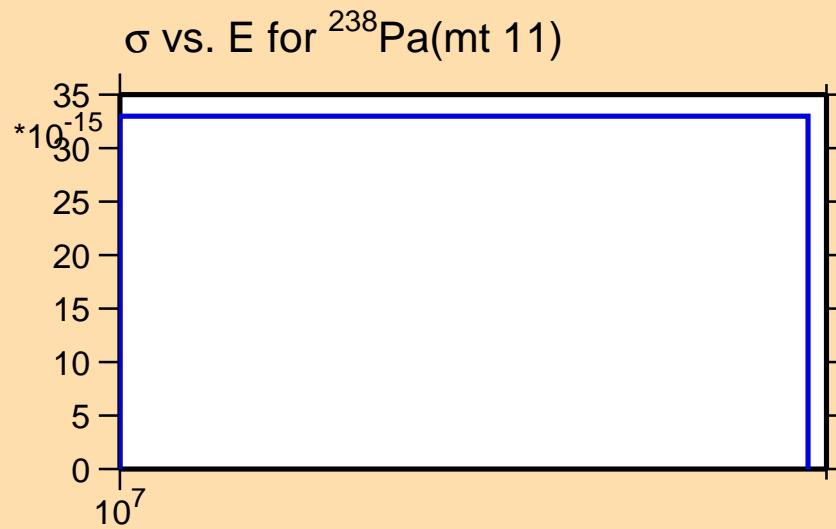




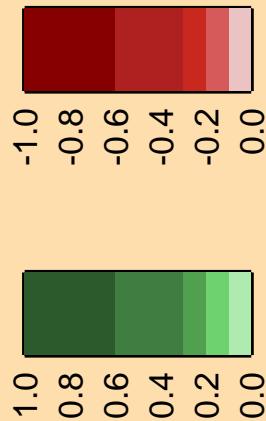
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(\text{mt } 11)$

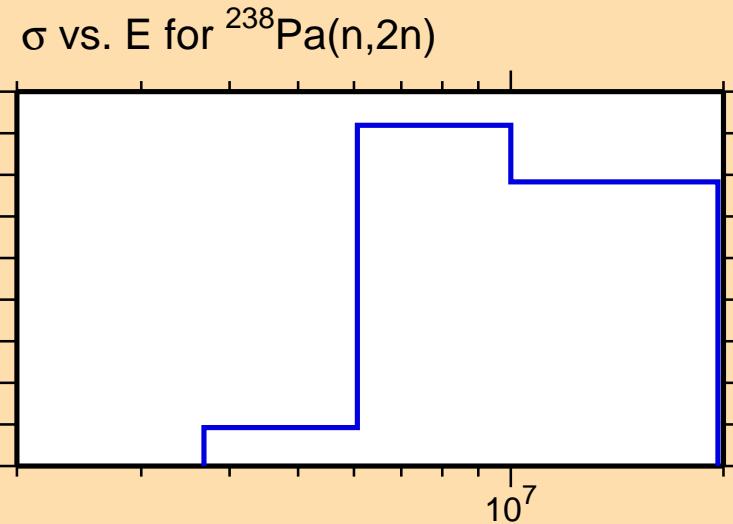
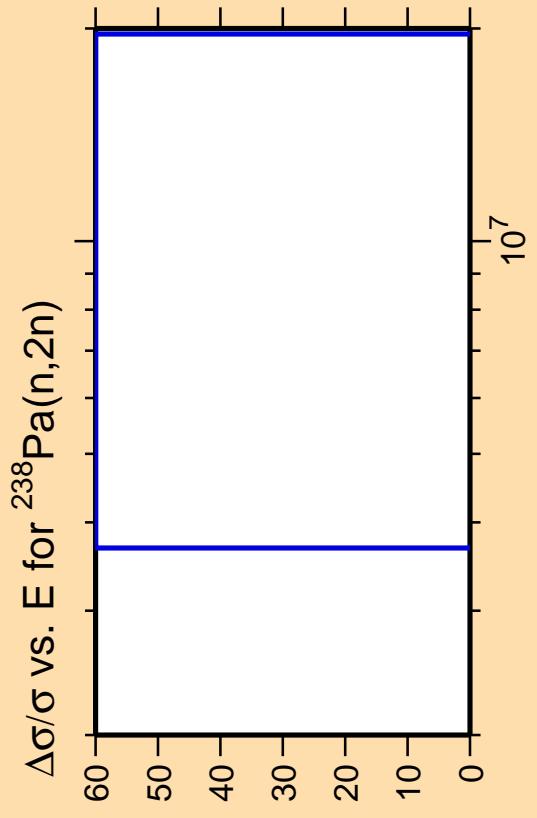
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



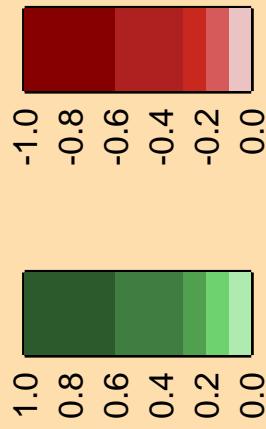
Correlation Matrix

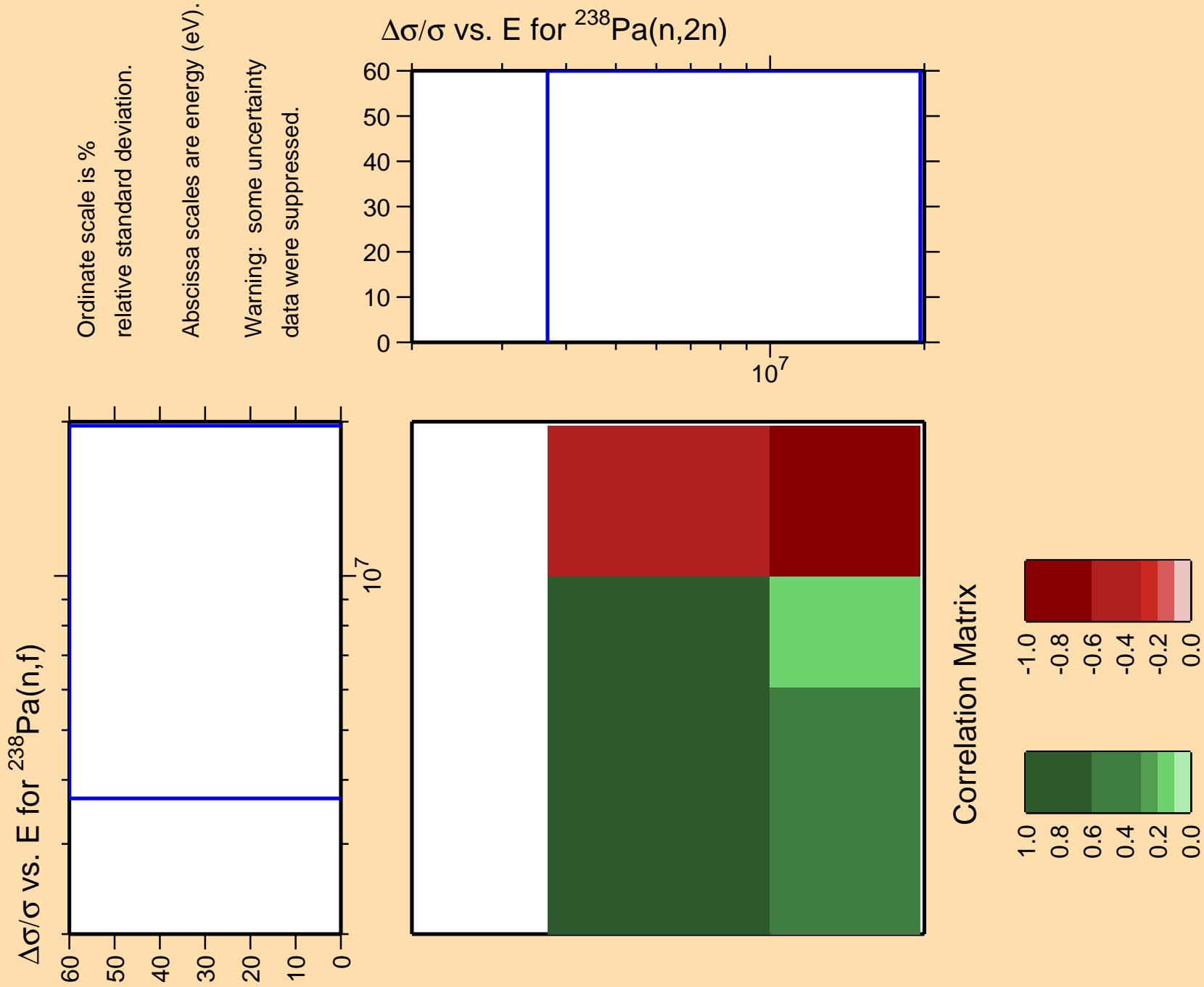




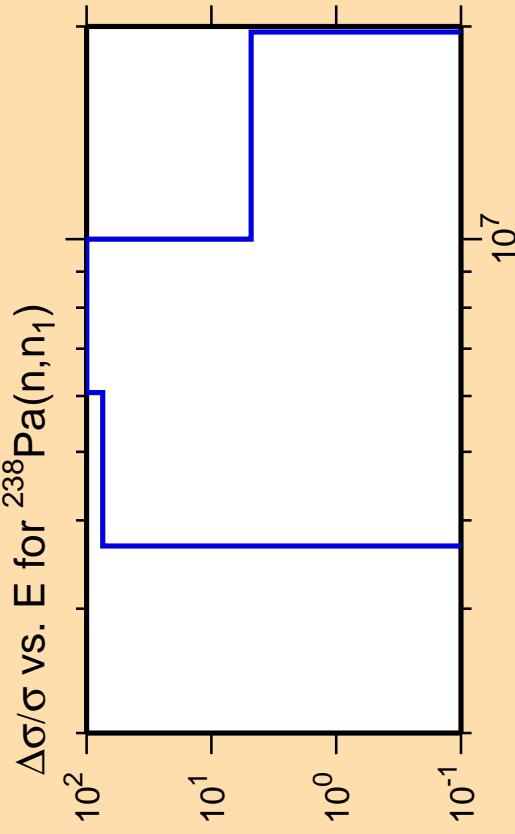
Ordinate scales are % relative  
standard deviation and barns.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

Correlation Matrix





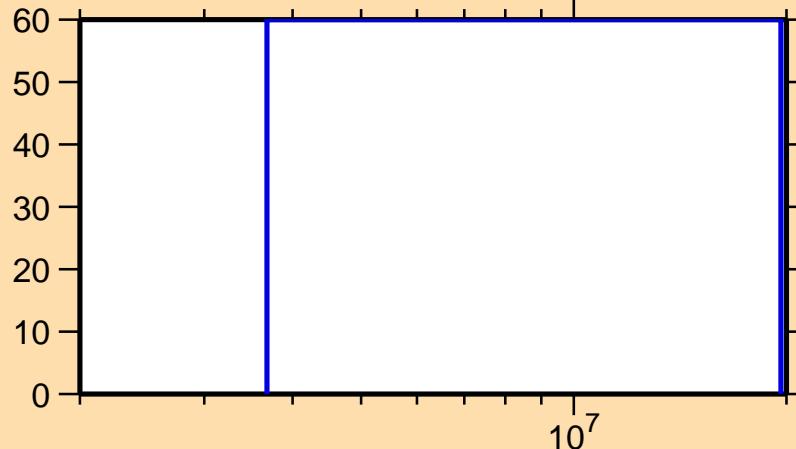
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,n_1)$



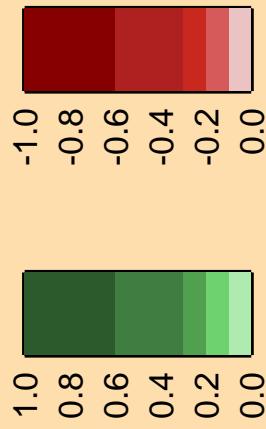
Ordinate scale is %  
relative standard deviation.

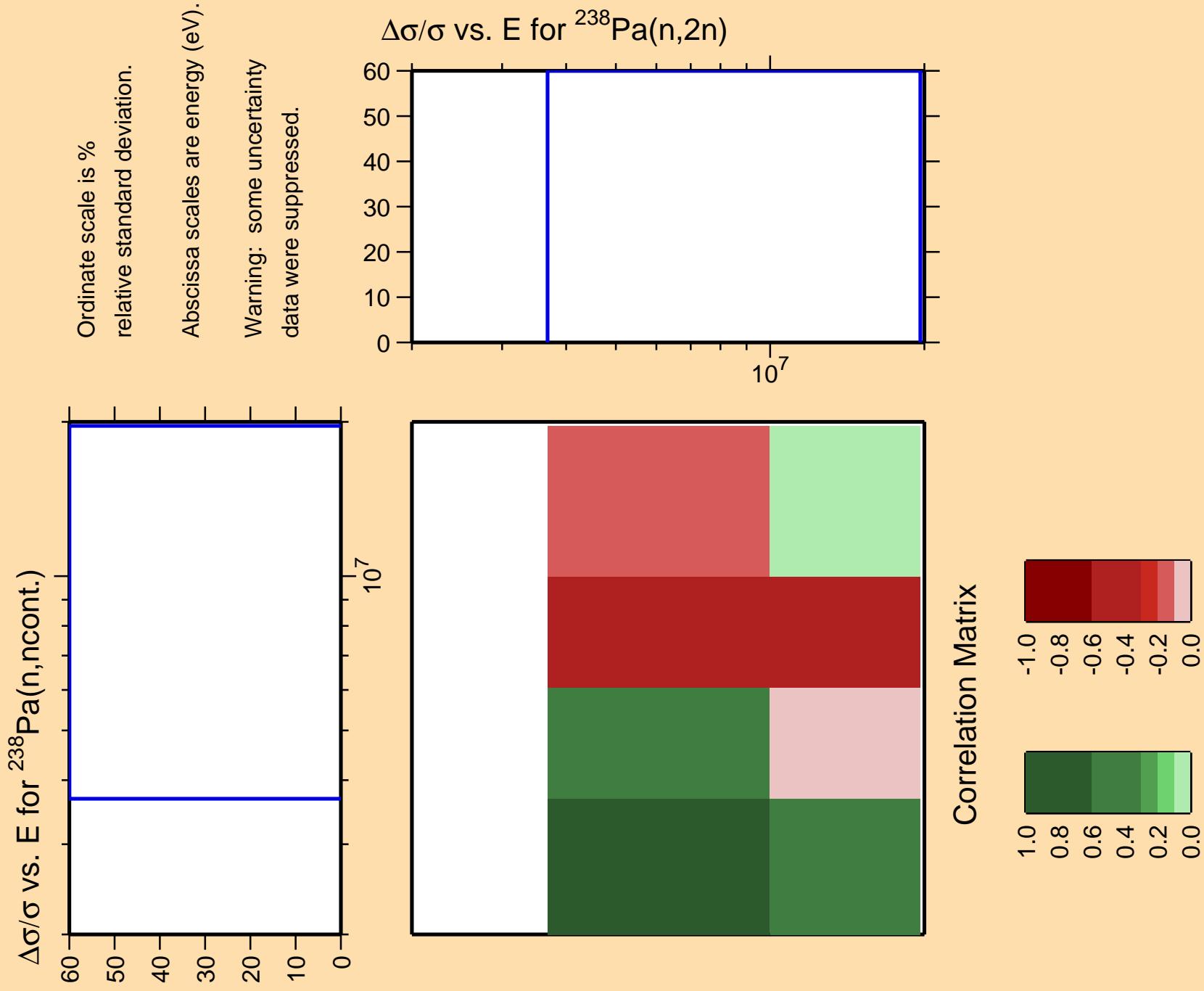
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

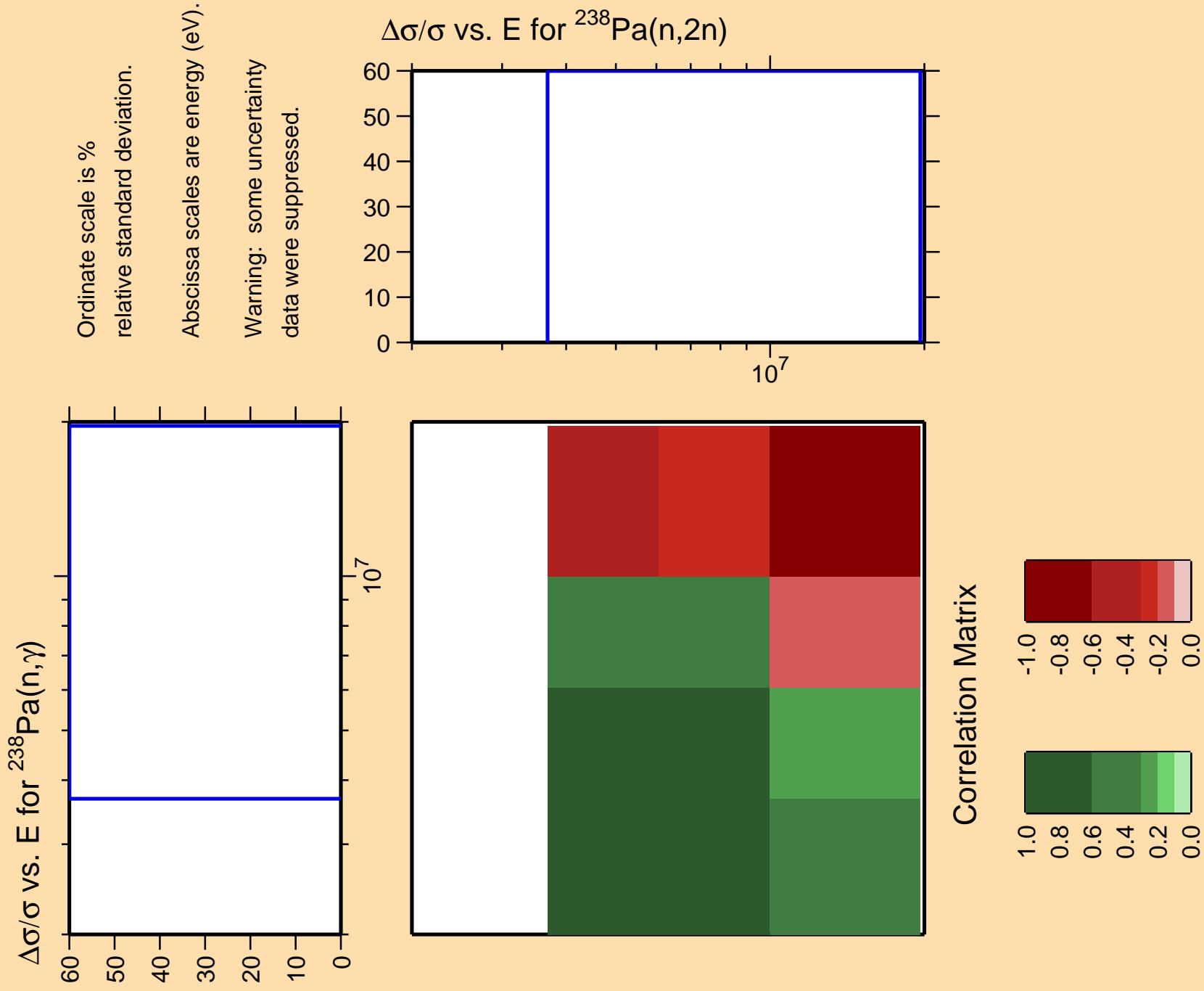
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,2n)$



Correlation Matrix



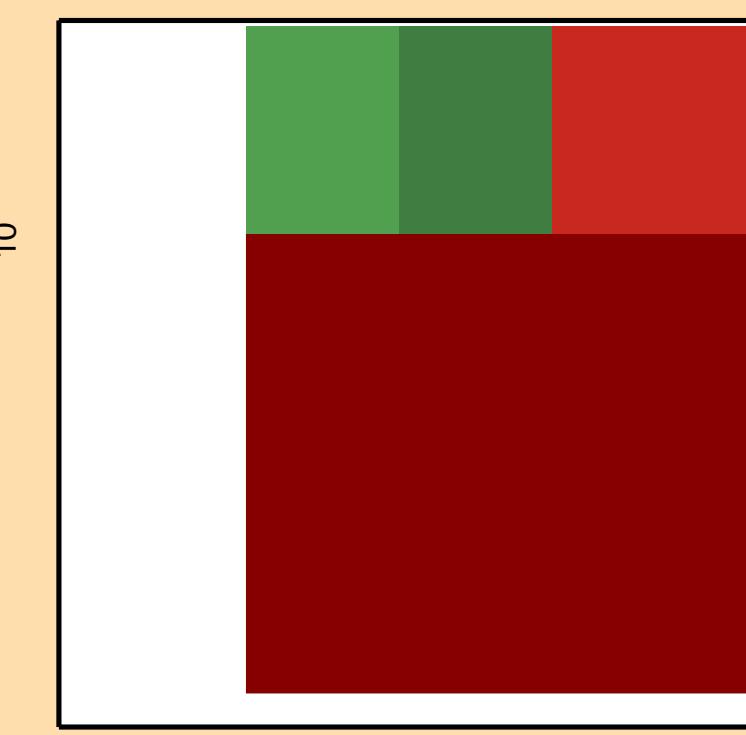
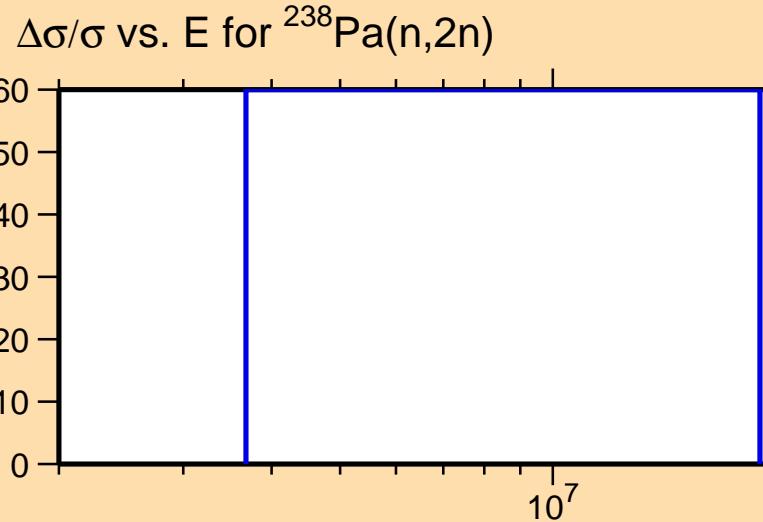


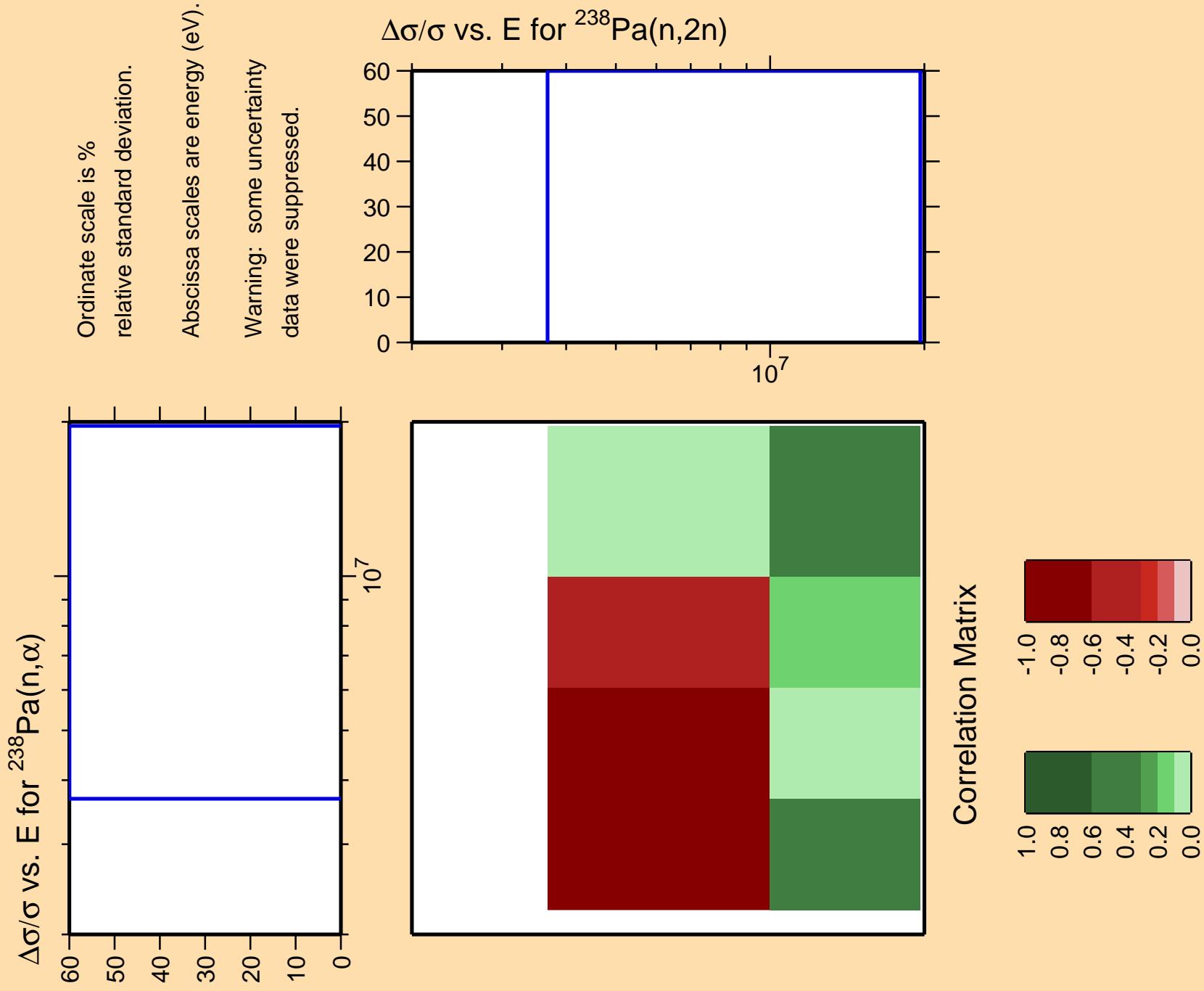


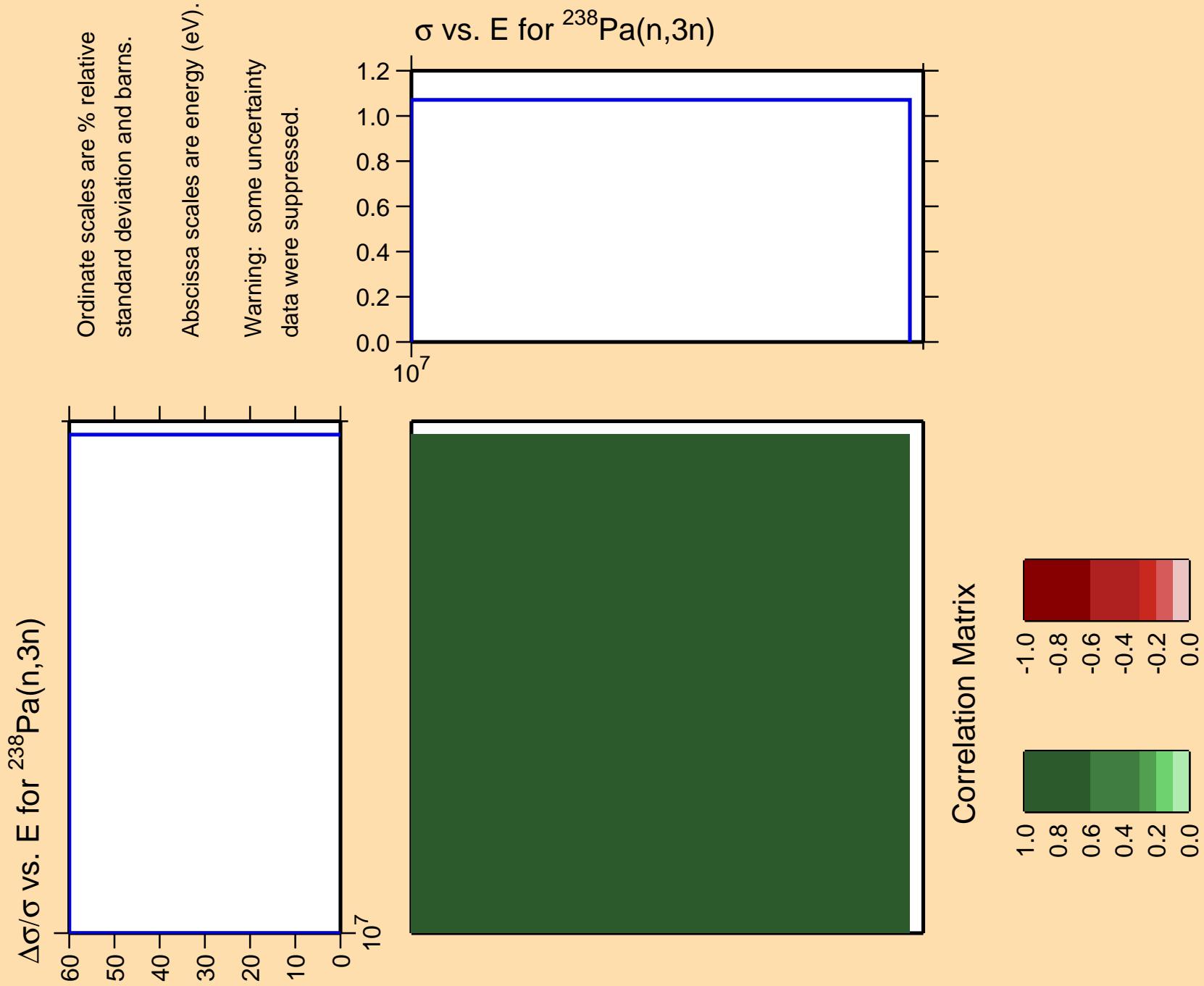
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,p)$

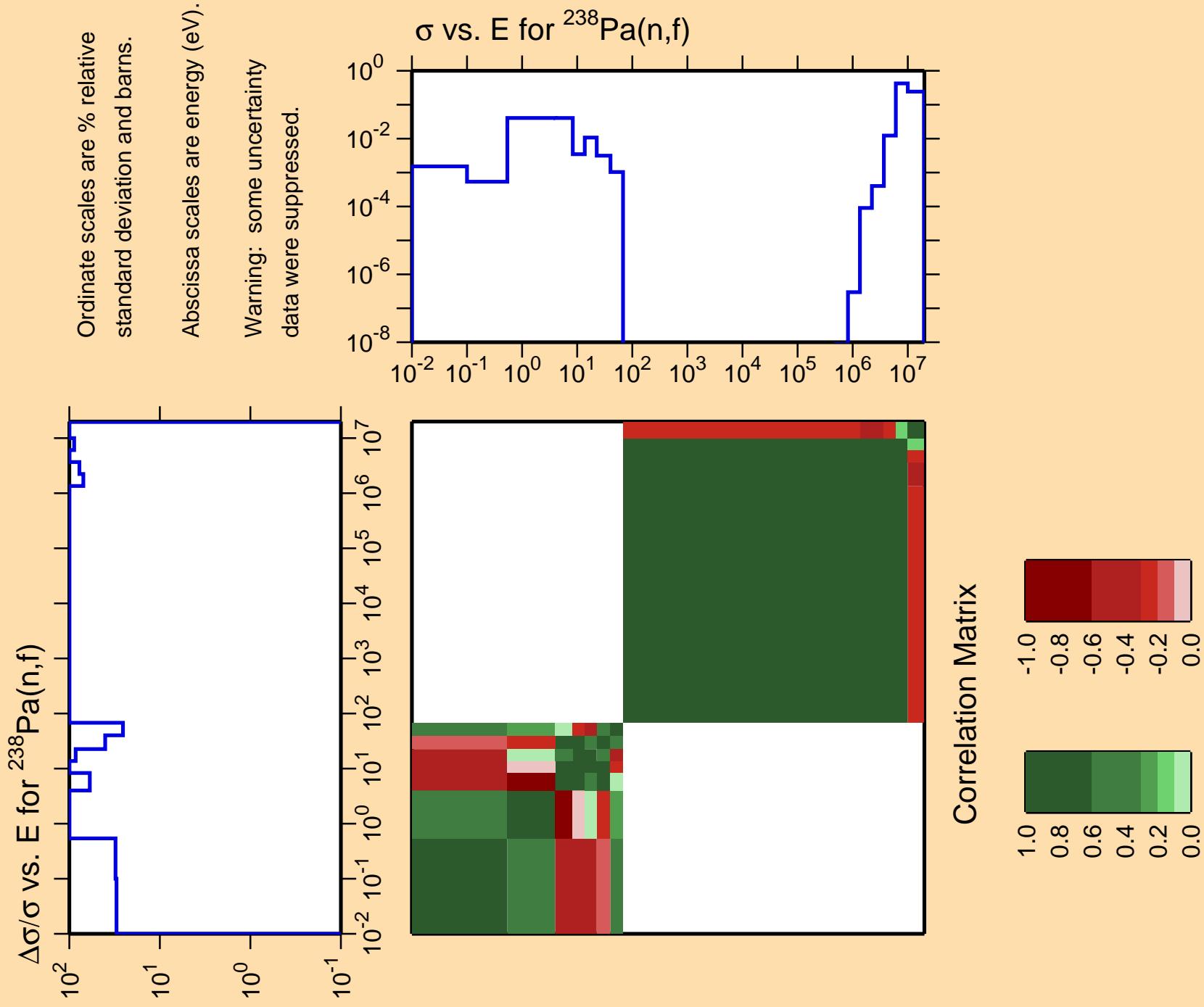
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.







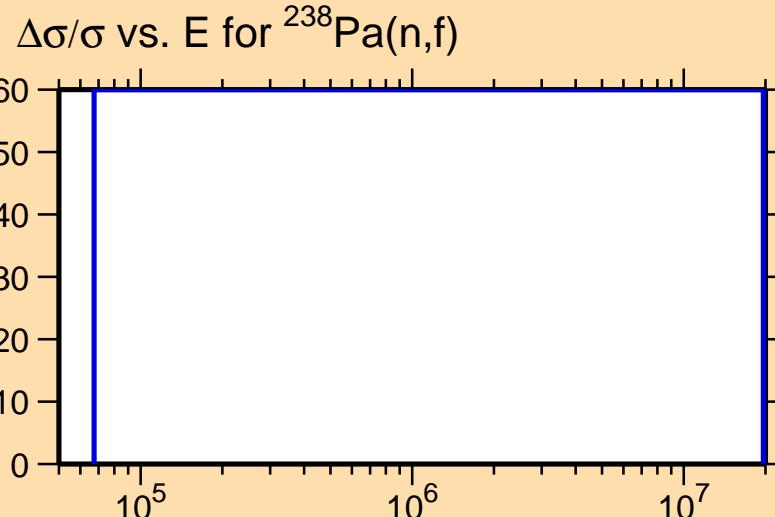


$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,\text{n}_1)$

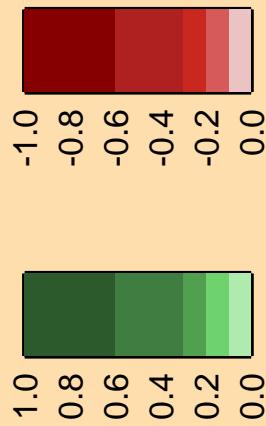
$10^2$   
 $10^1$   
 $10^0$   
 $10^{-1}$

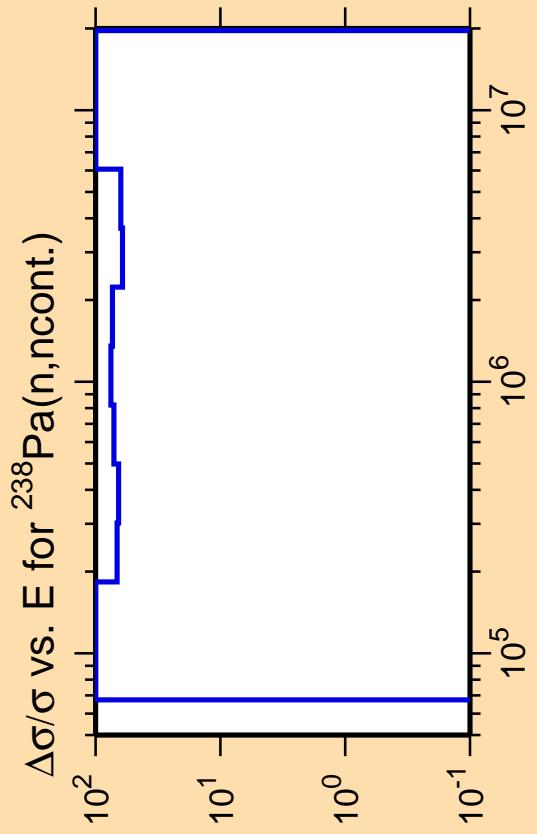
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



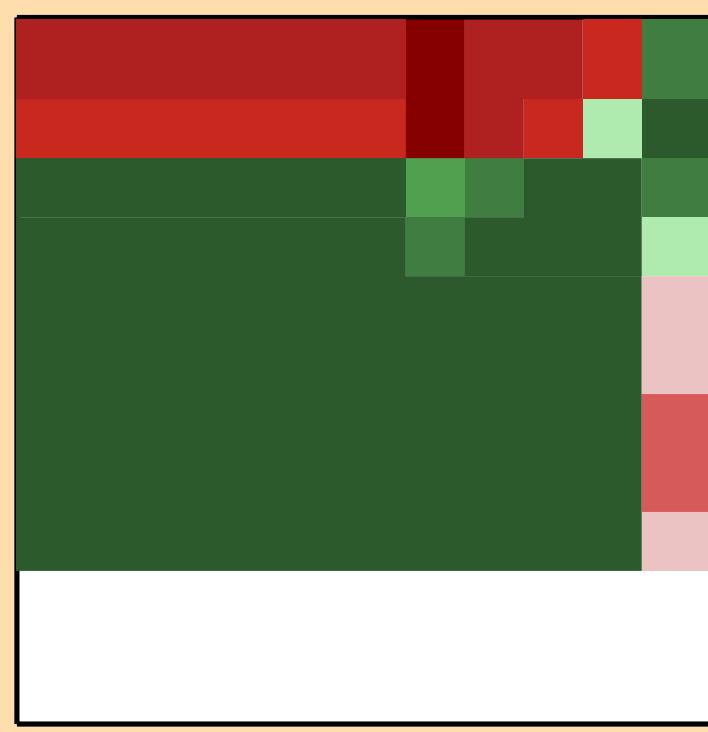
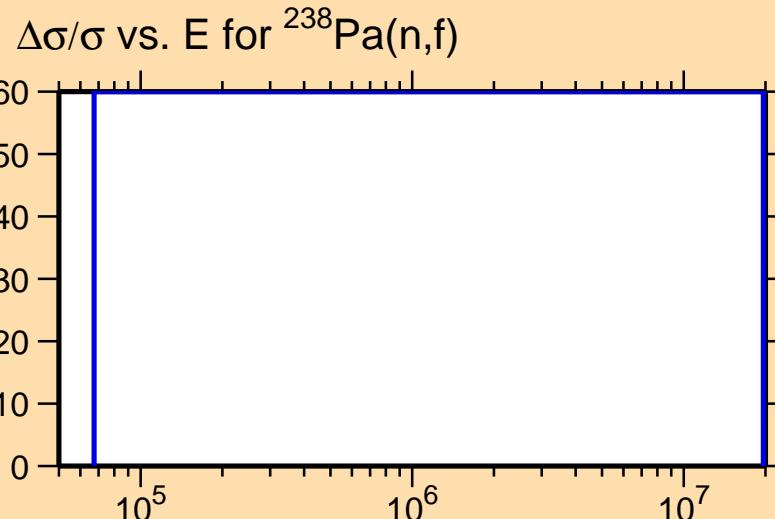
Correlation Matrix



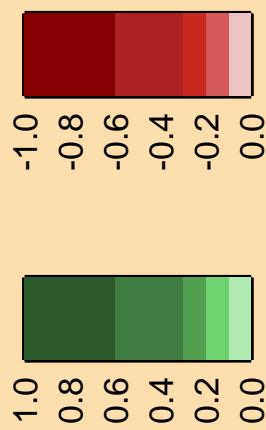


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



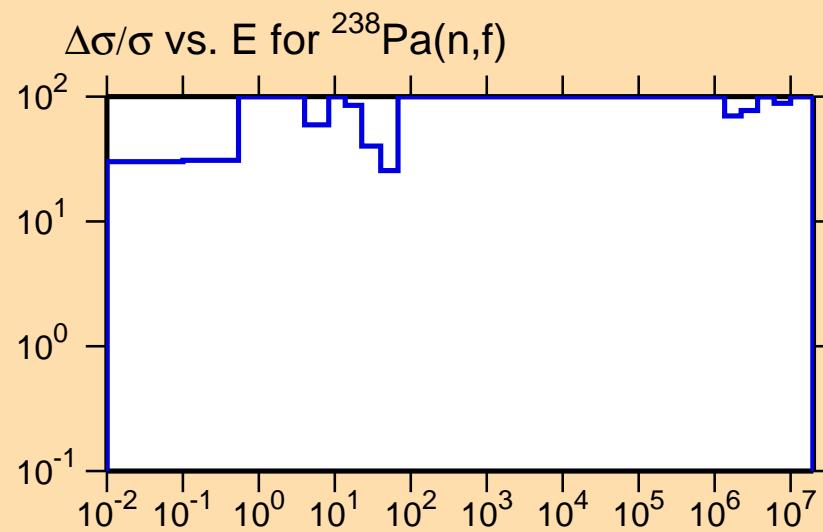
Correlation Matrix



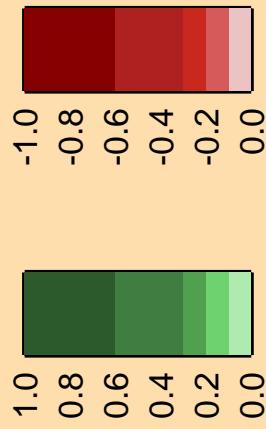
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,\gamma)$

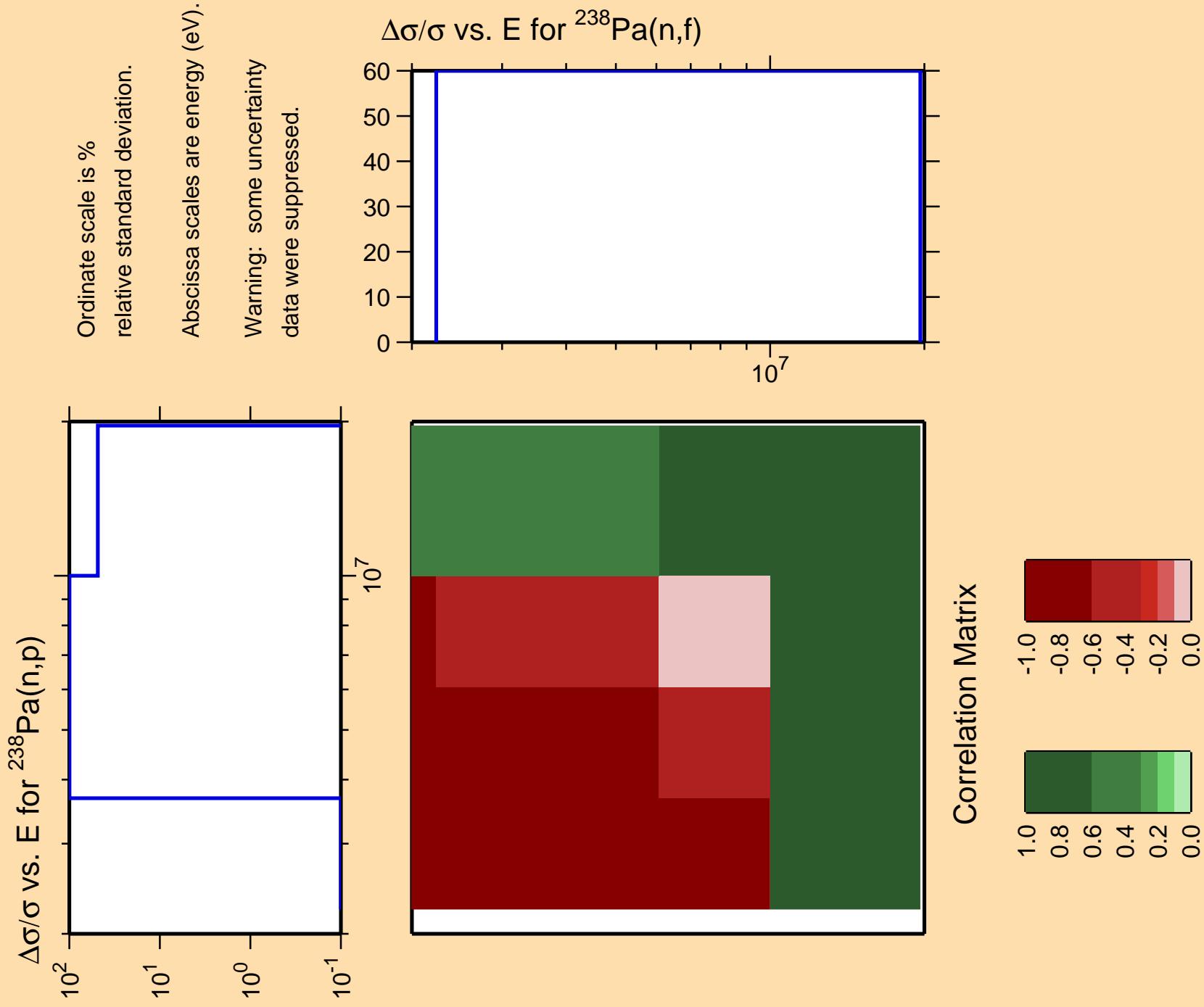
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

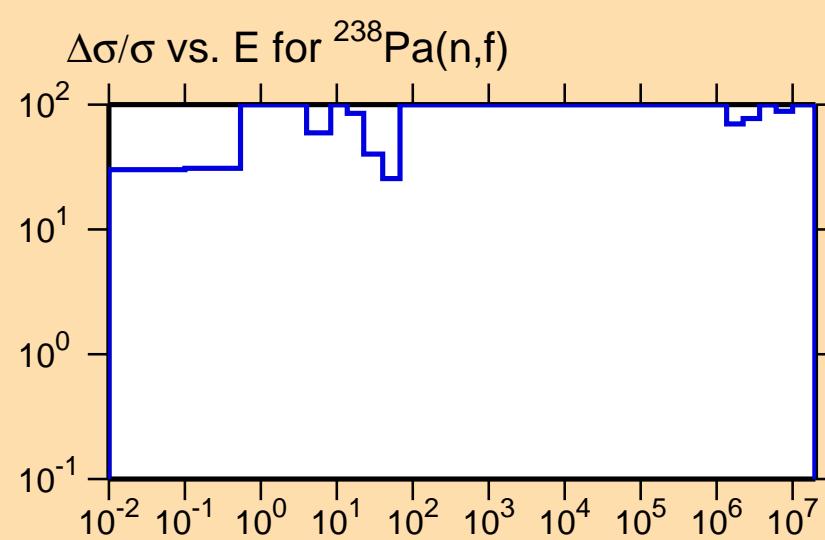




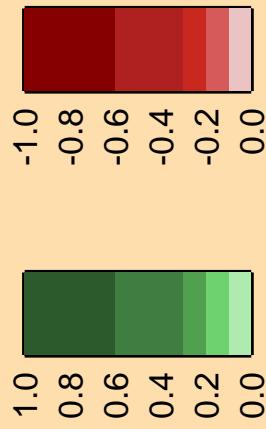
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,\alpha)$

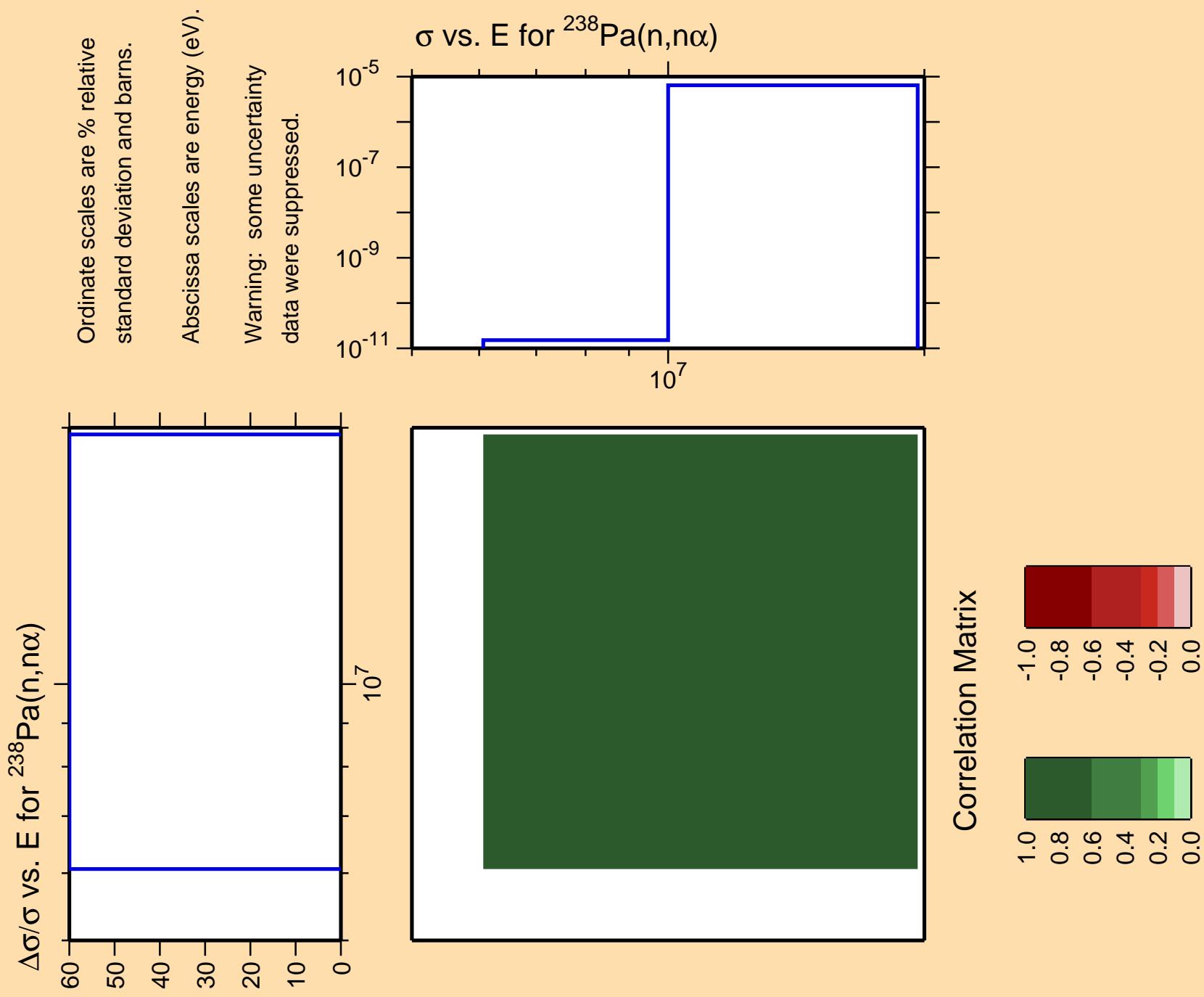
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

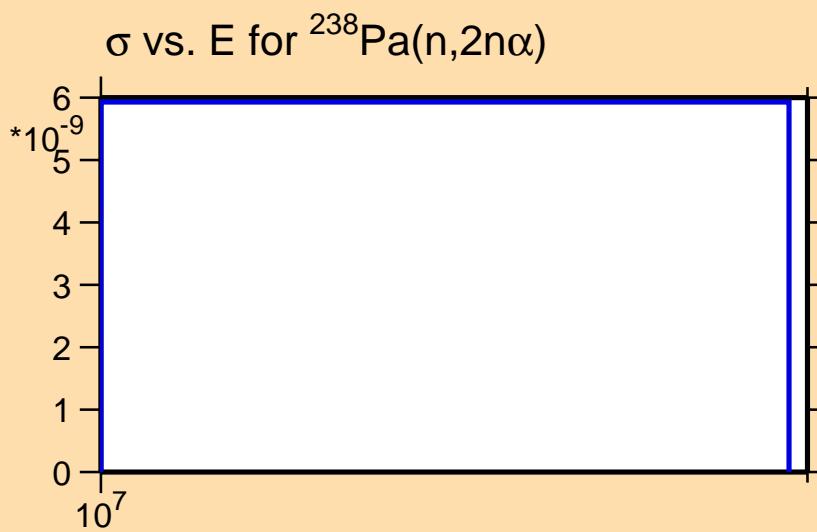




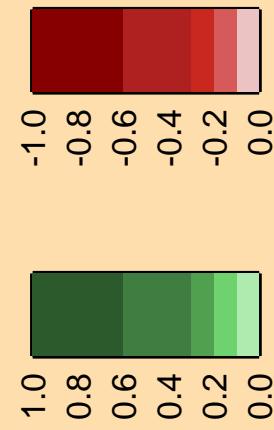
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,2n\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



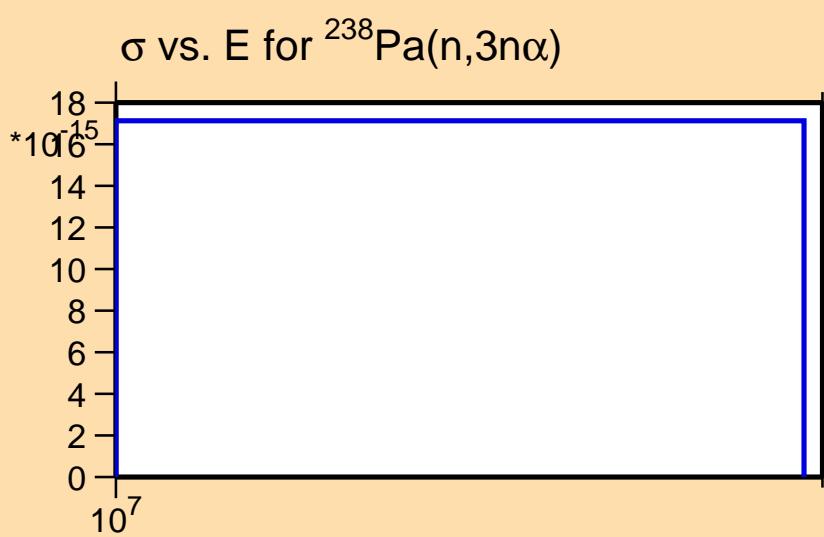
Correlation Matrix



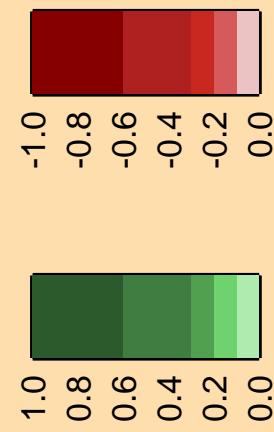
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,3n\alpha)$

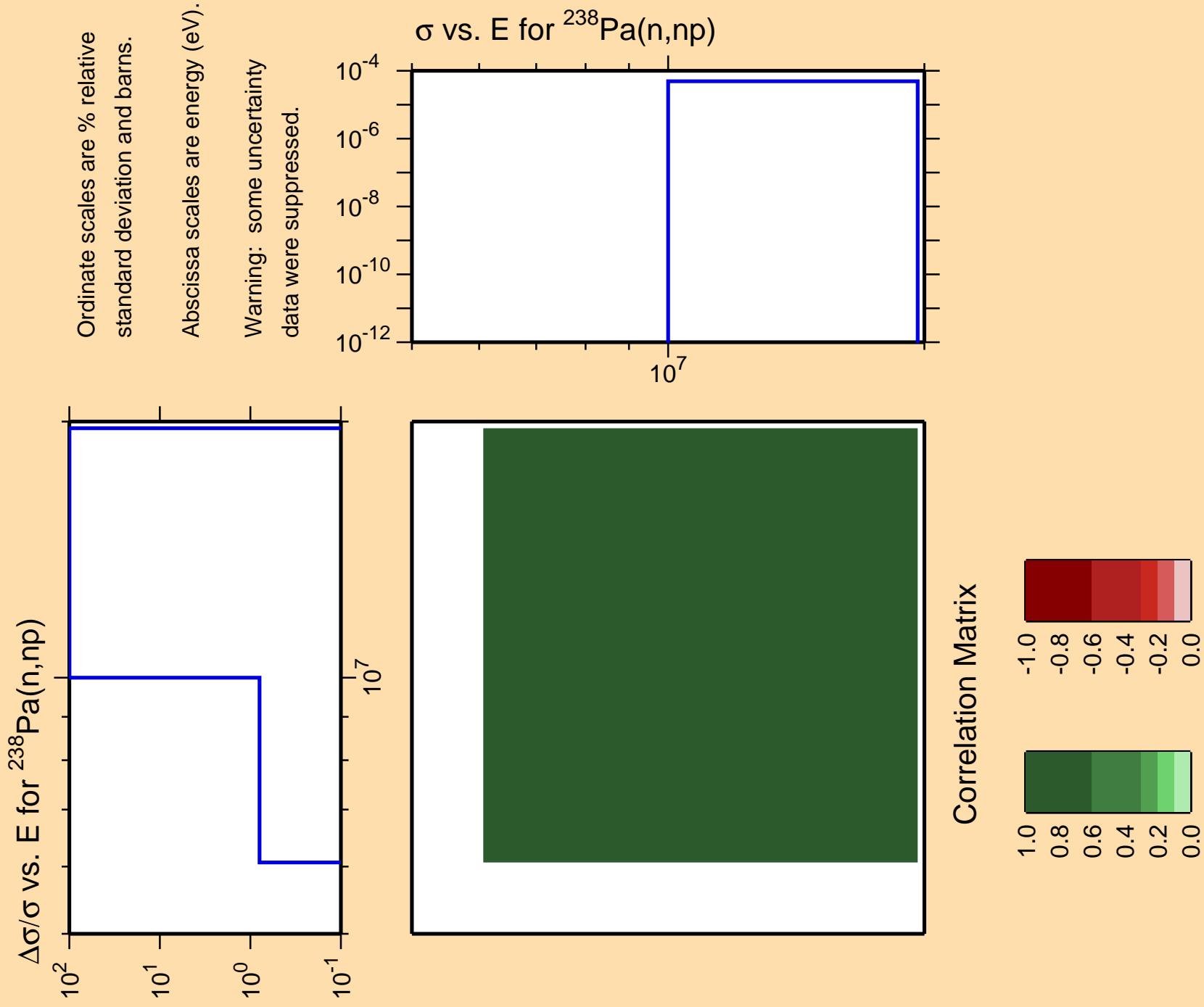
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

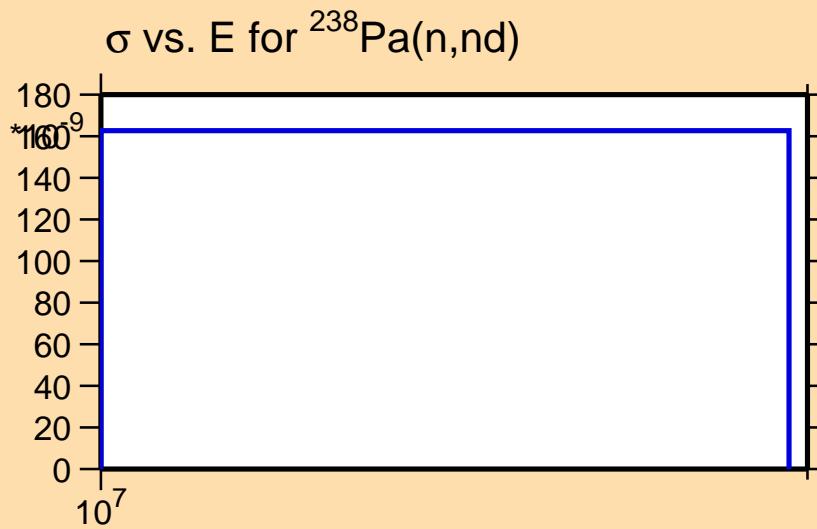




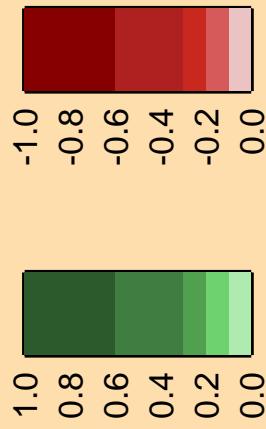
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,\text{nd})$

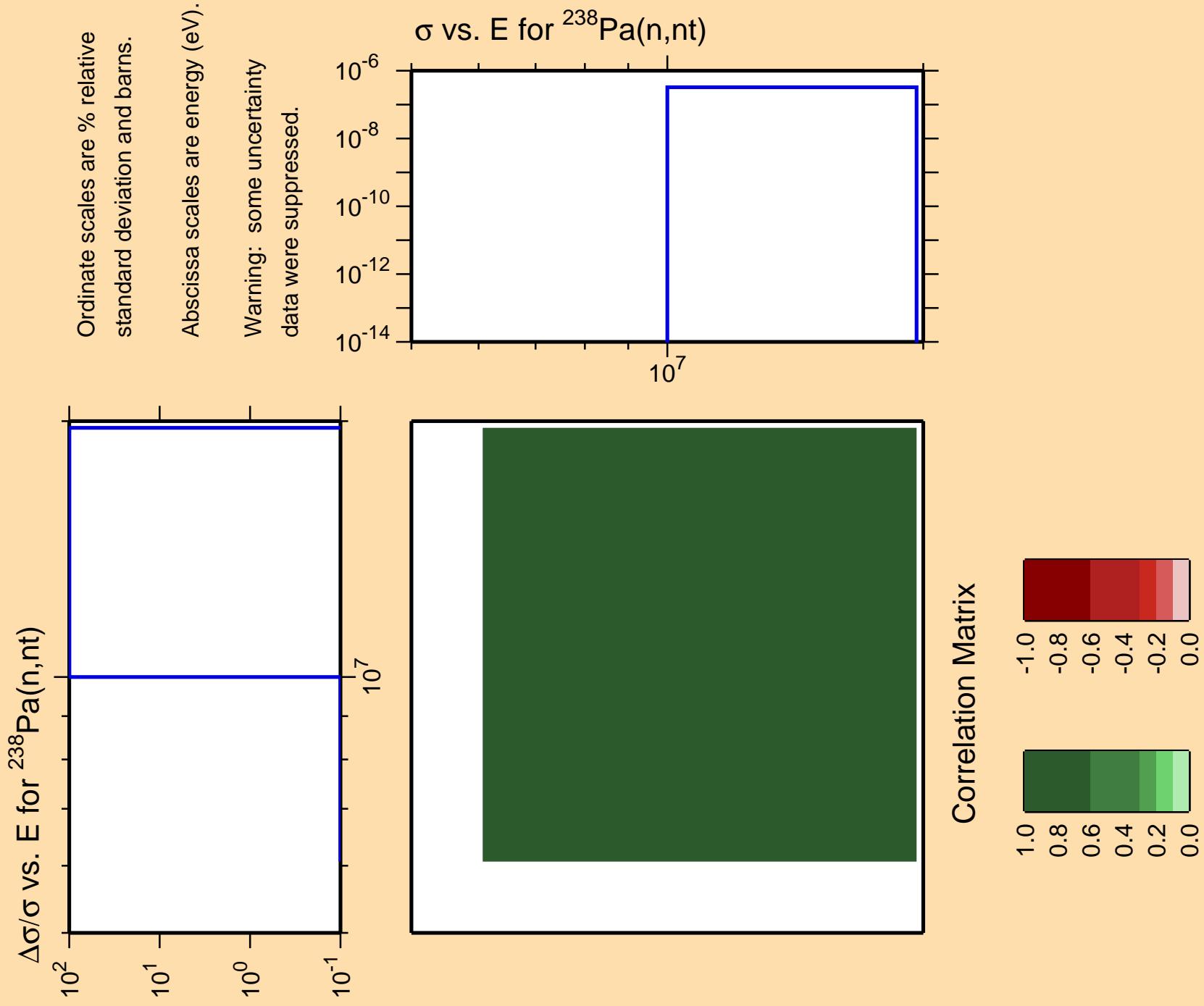
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix





$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,2\text{np})$

Ordinate scales are % relative  
standard deviation and barns.

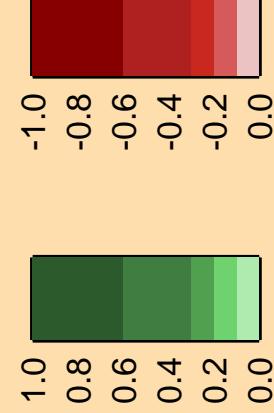
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

60  
50  
40  
30  
20  
10  
0

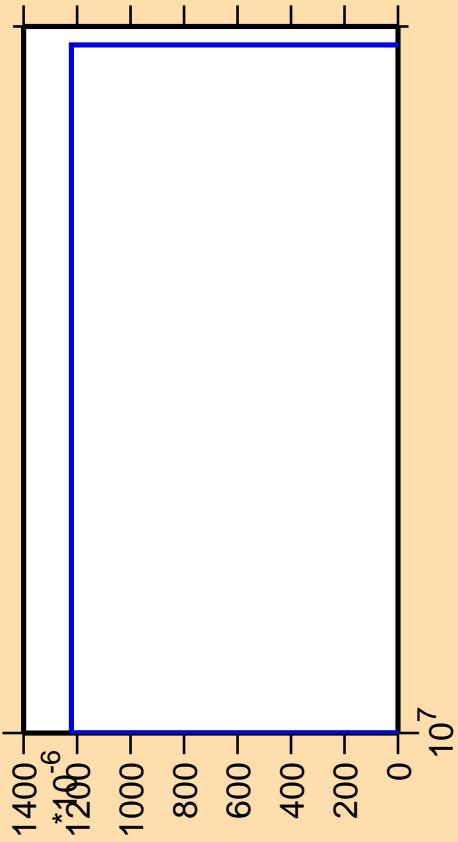
25  
 $10^{-9}$   
20  
15  
10  
5  
0

$10^7$

$\sigma$  vs. E for  $^{238}\text{Pa}(n,2\text{np})$

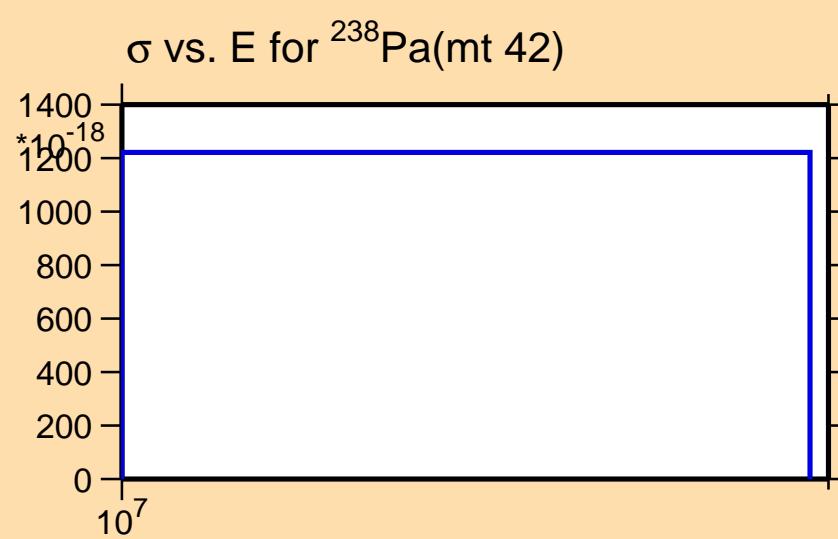


$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(\text{mt 42})$

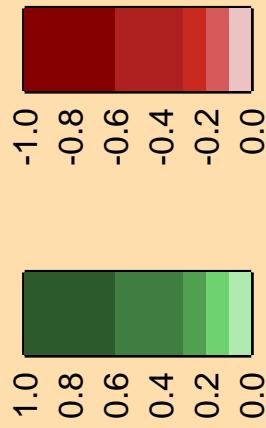


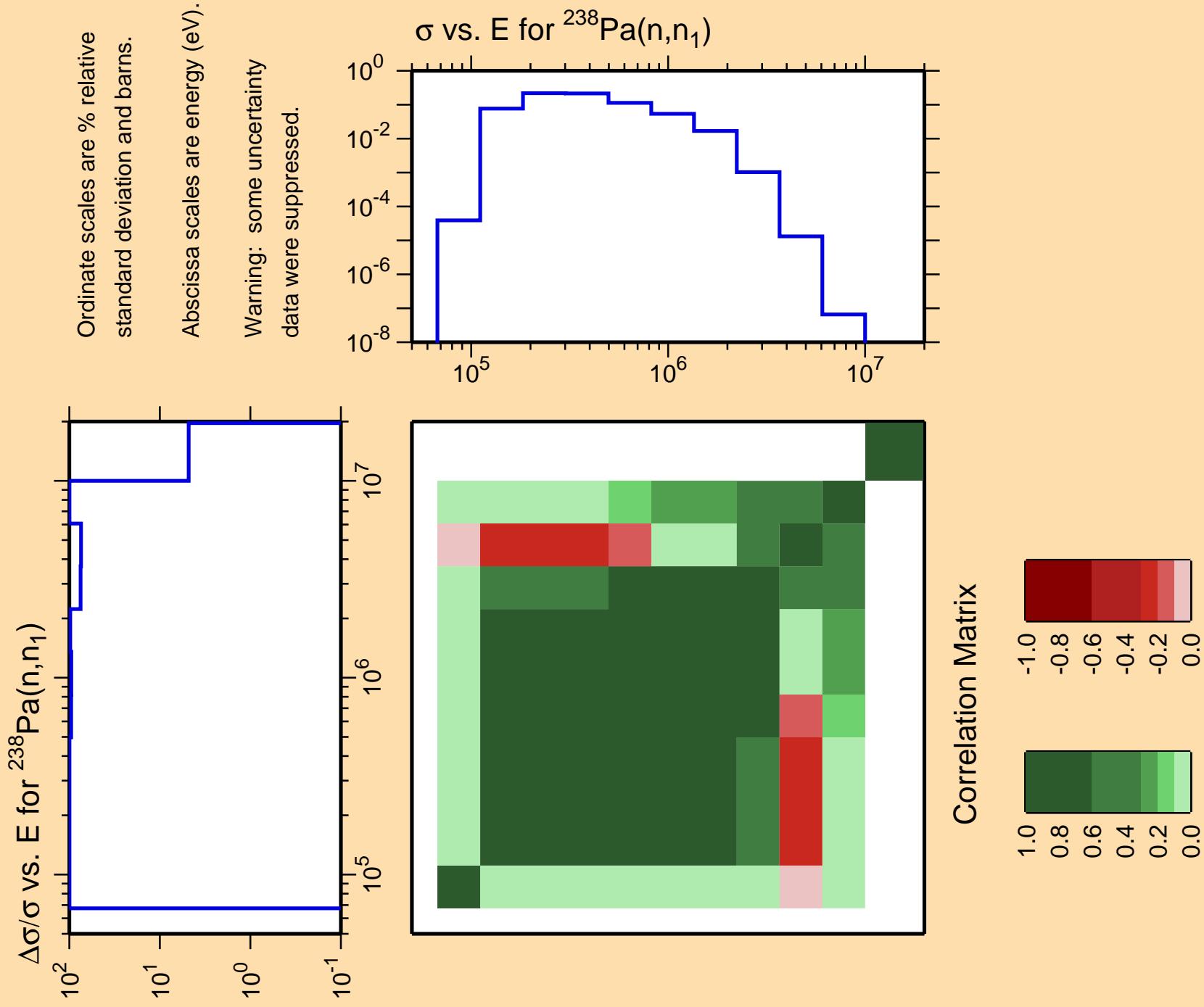
Ordinate scales are % relative  
standard deviation and barns.

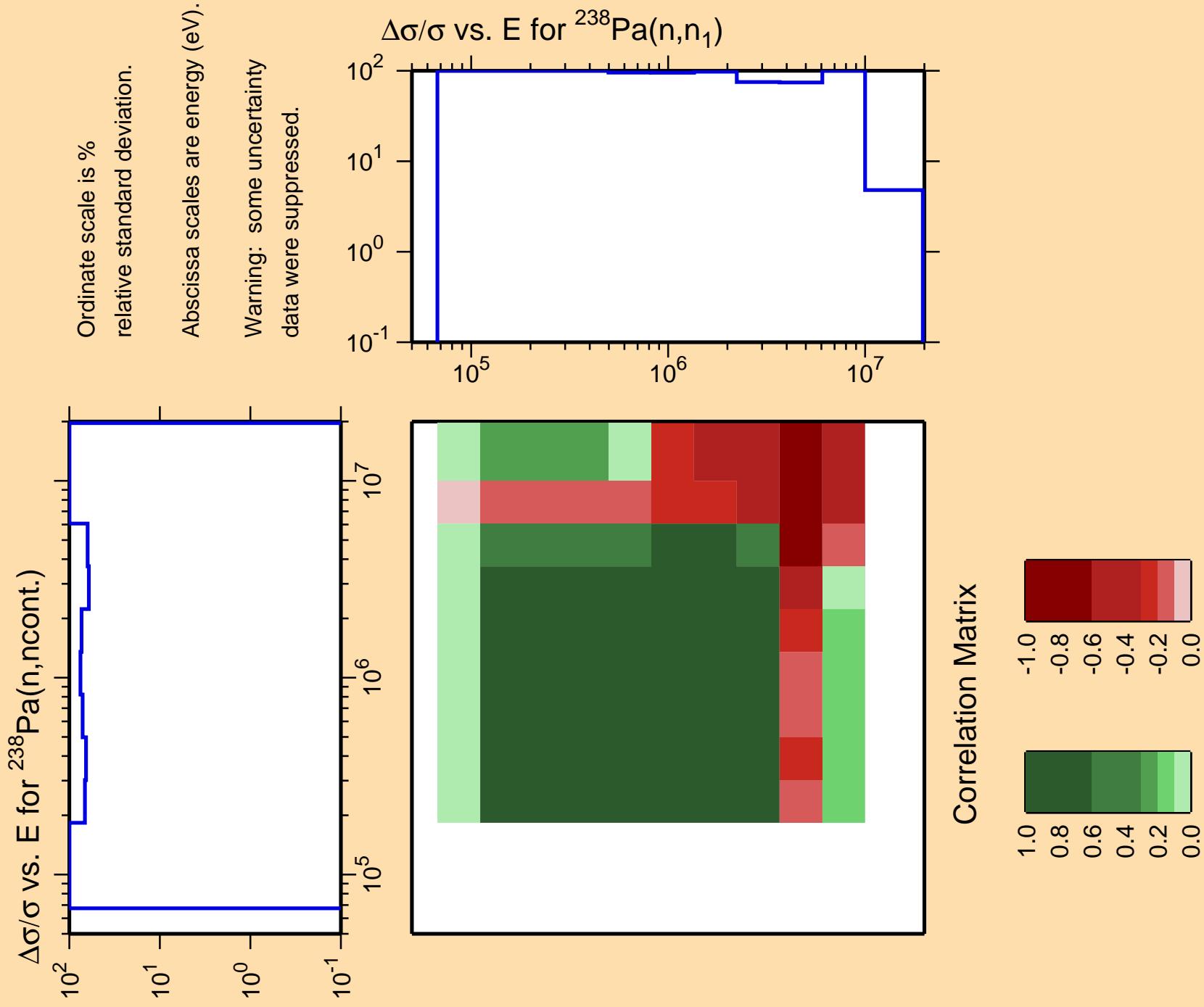
Abscissa scales are energy (eV).

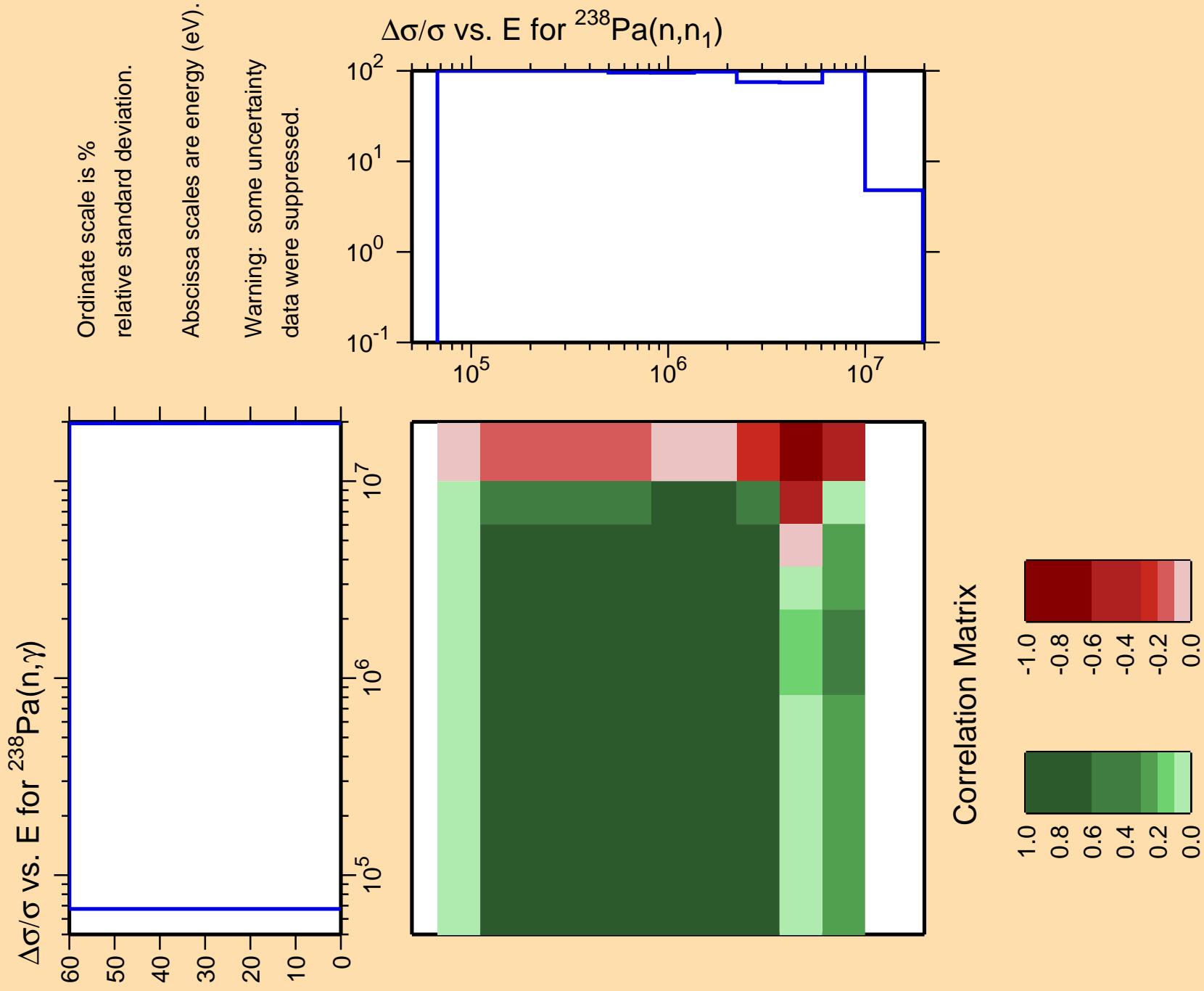


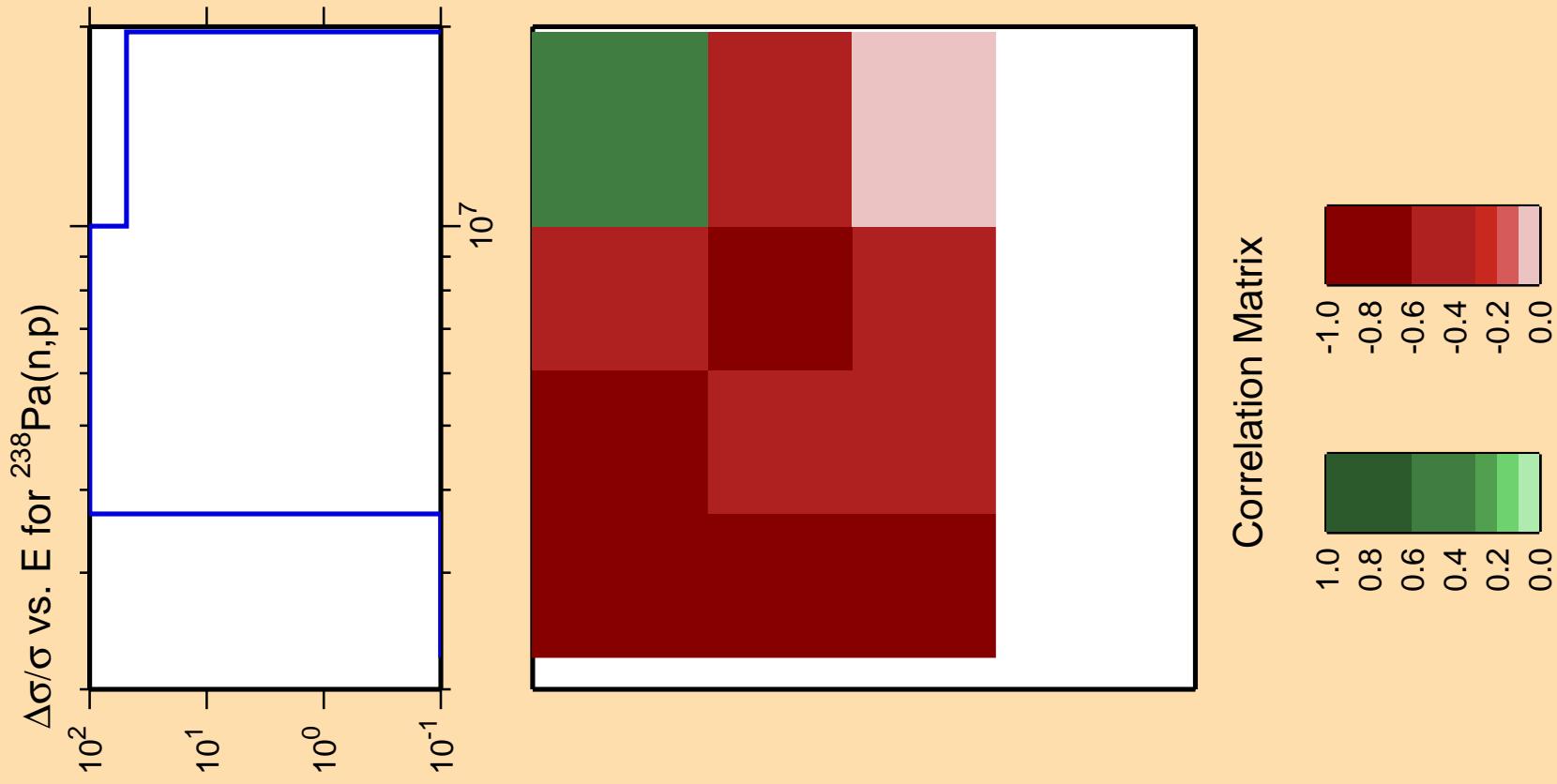
Correlation Matrix







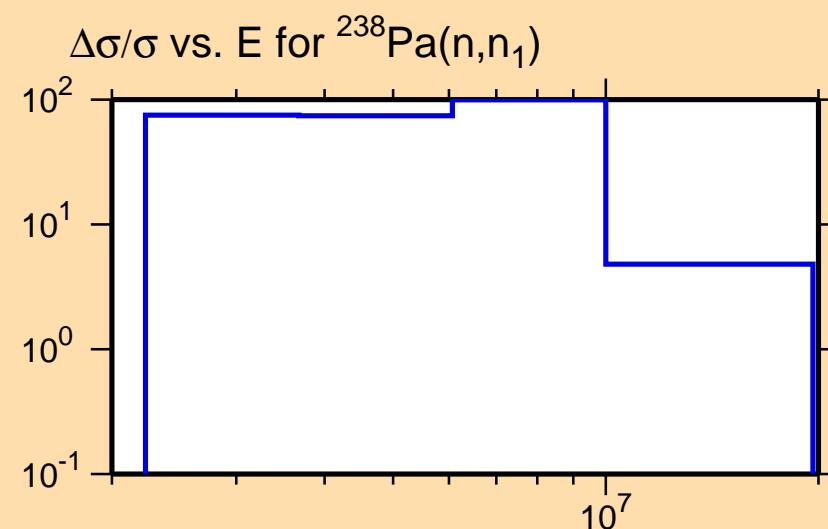




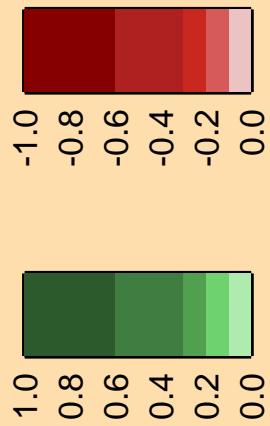
Ordinate scale is %  
relative standard deviation.

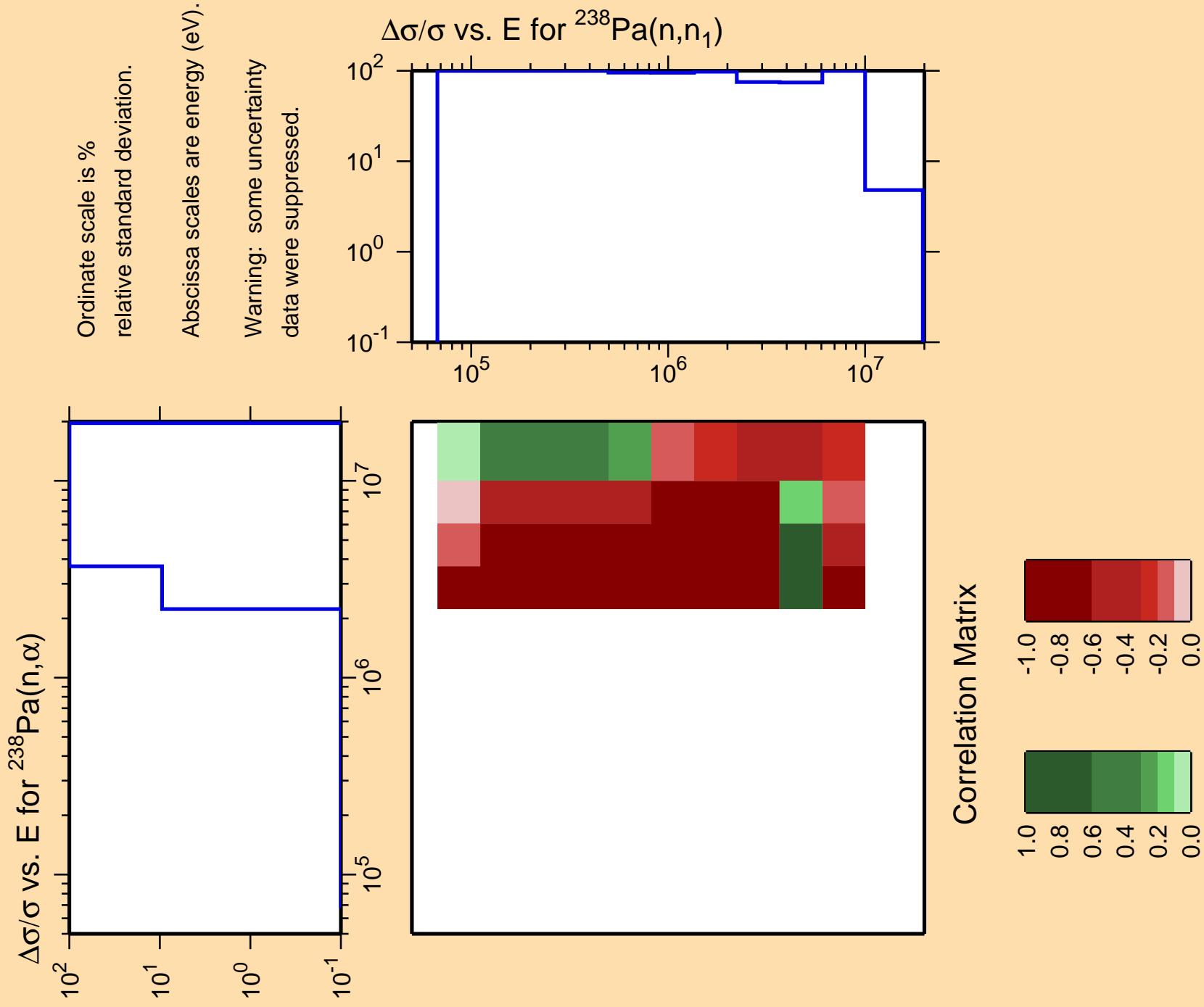
Abscissa scales are energy (eV).

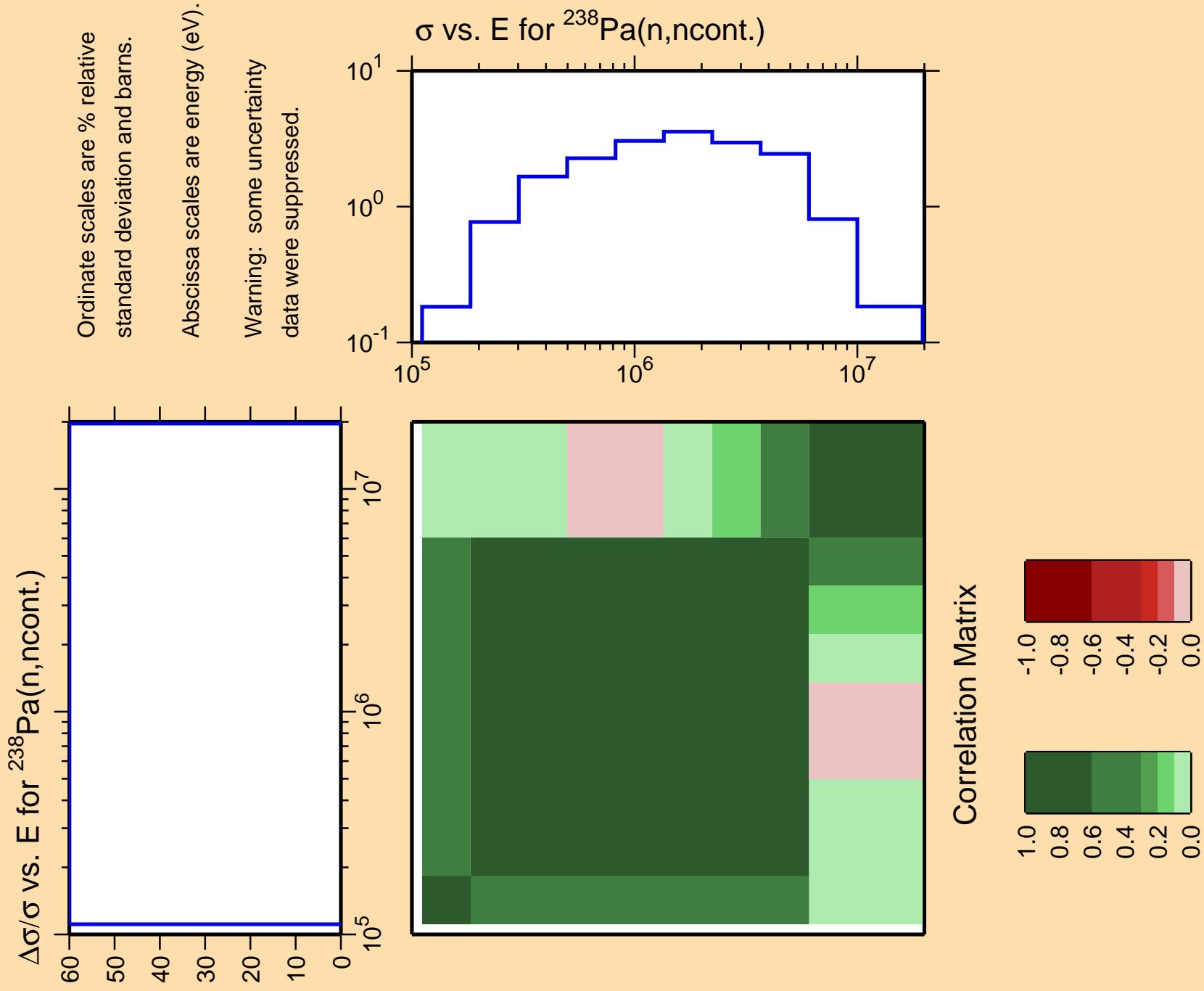
Warning: some uncertainty  
data were suppressed.

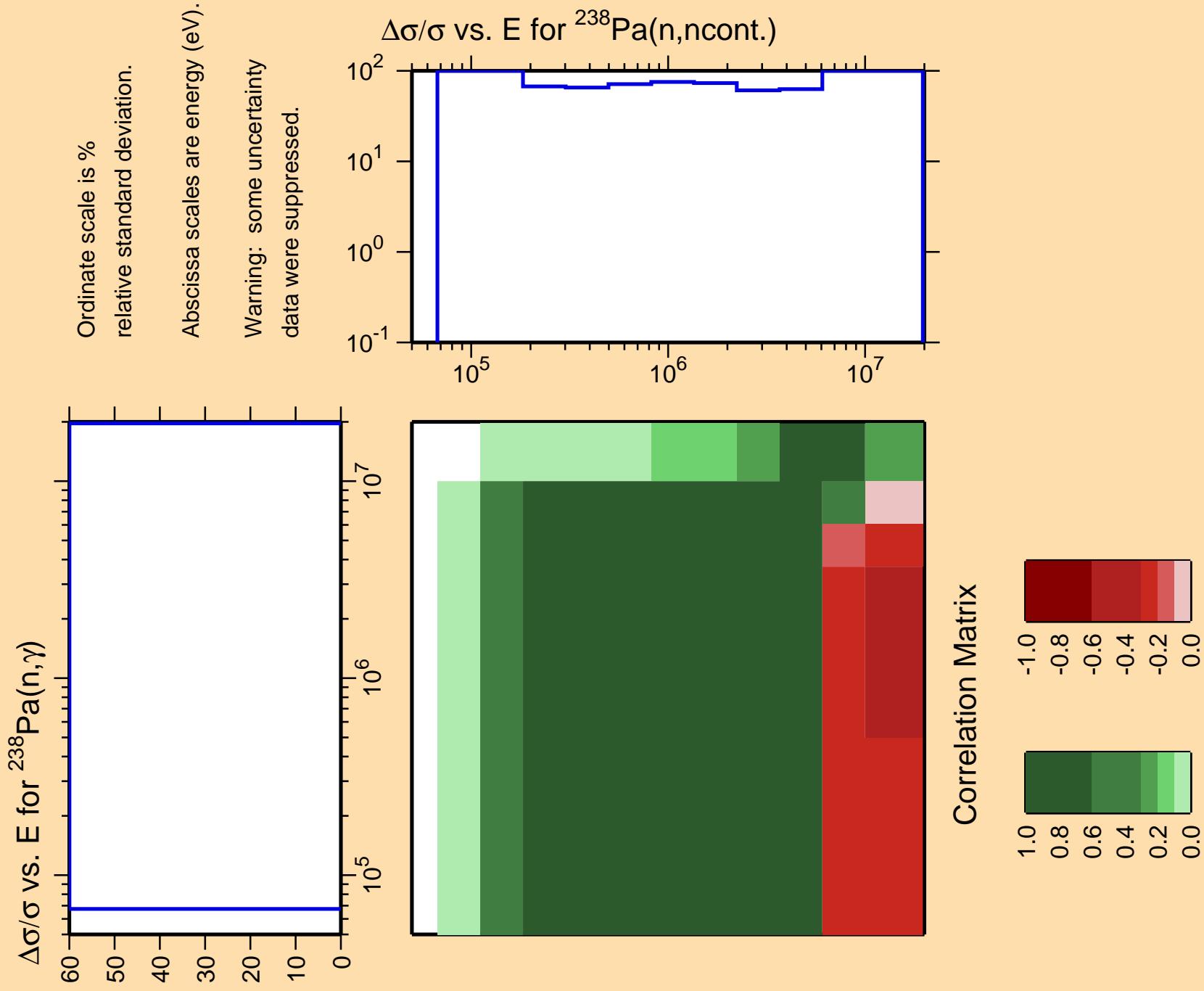


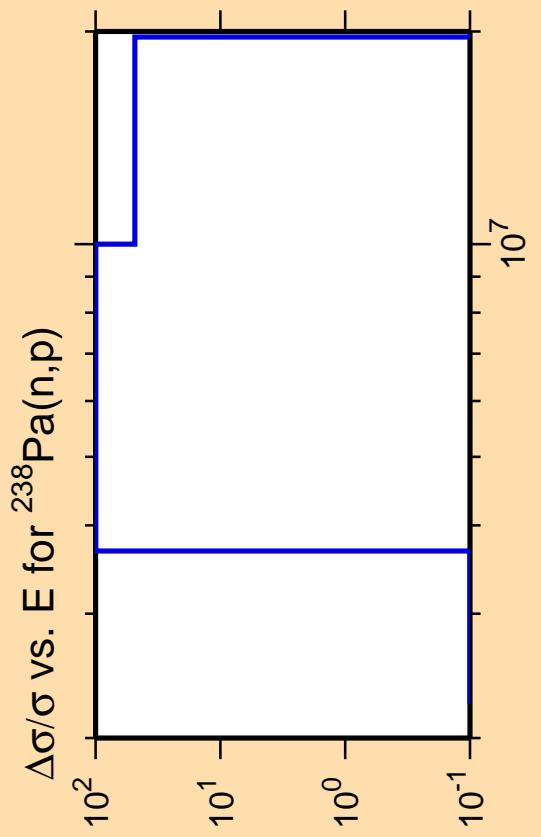
Correlation Matrix





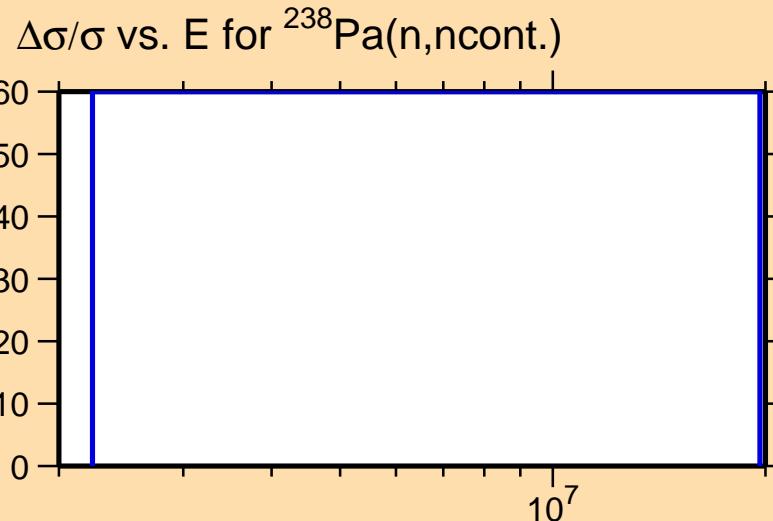




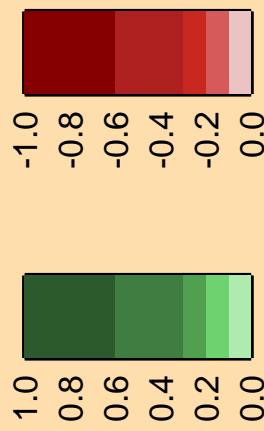


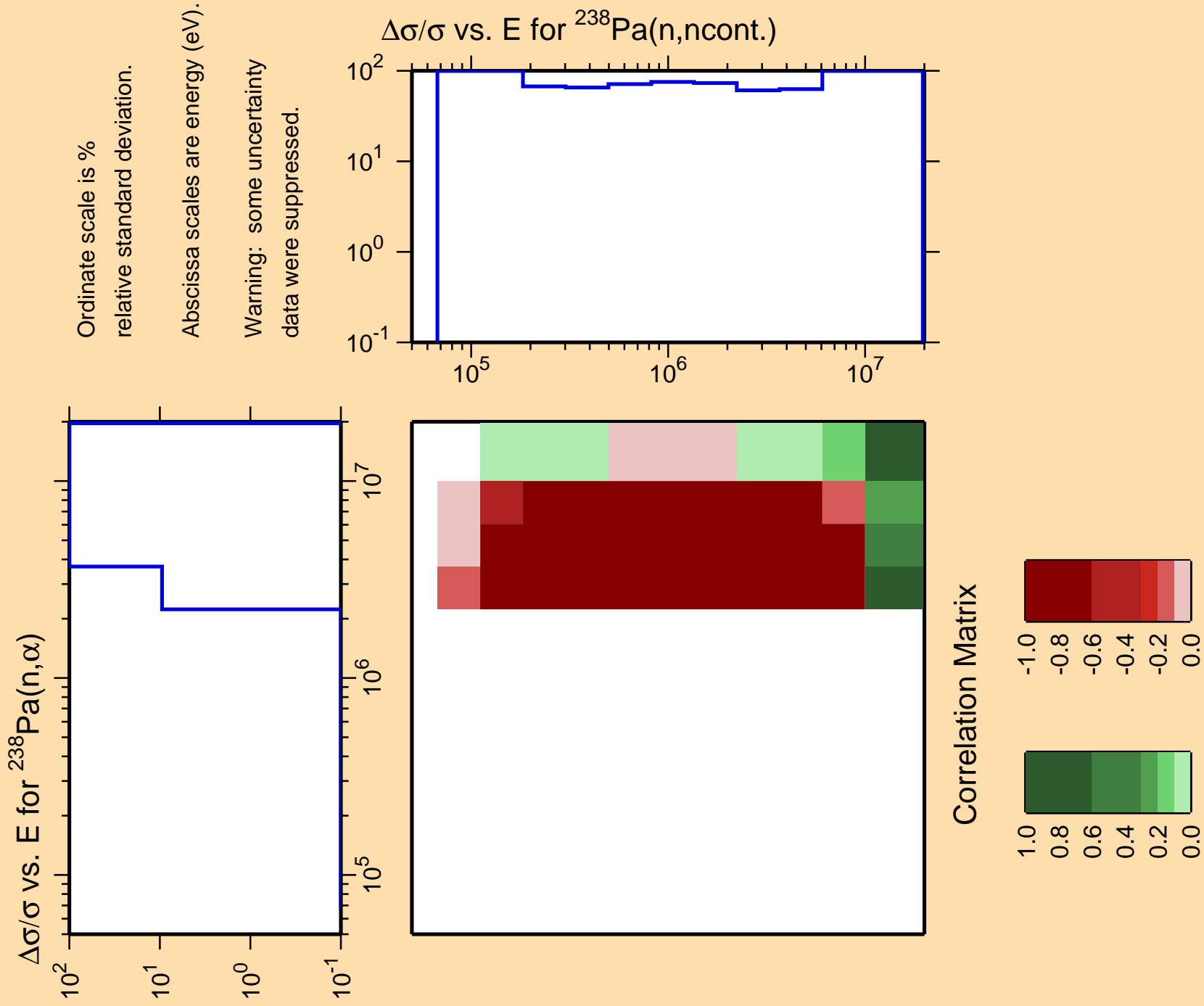
Ordinate scale is %  
relative standard deviation.

Warning: some uncertainty  
data were suppressed.



## Correlation Matrix

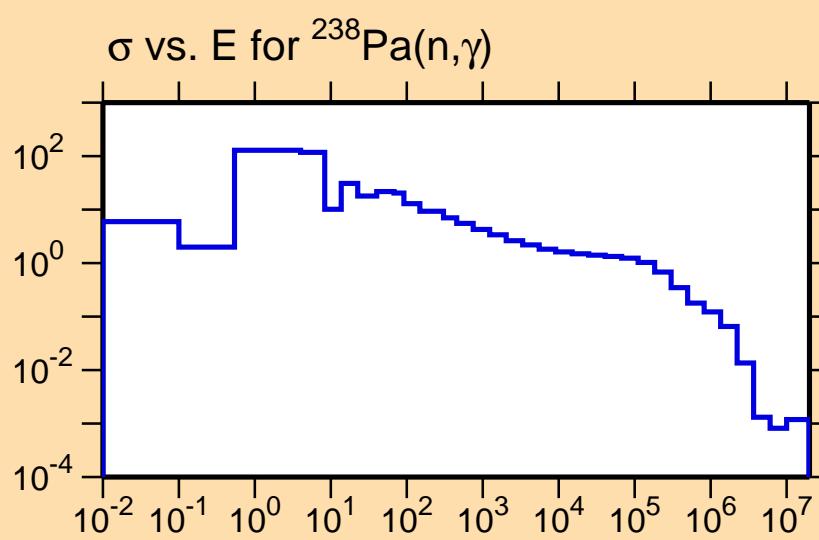




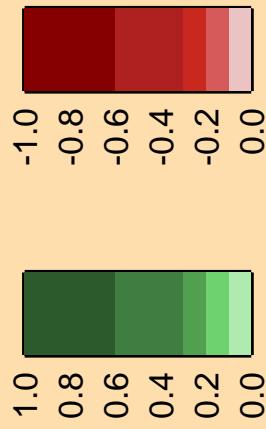
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,\gamma)$

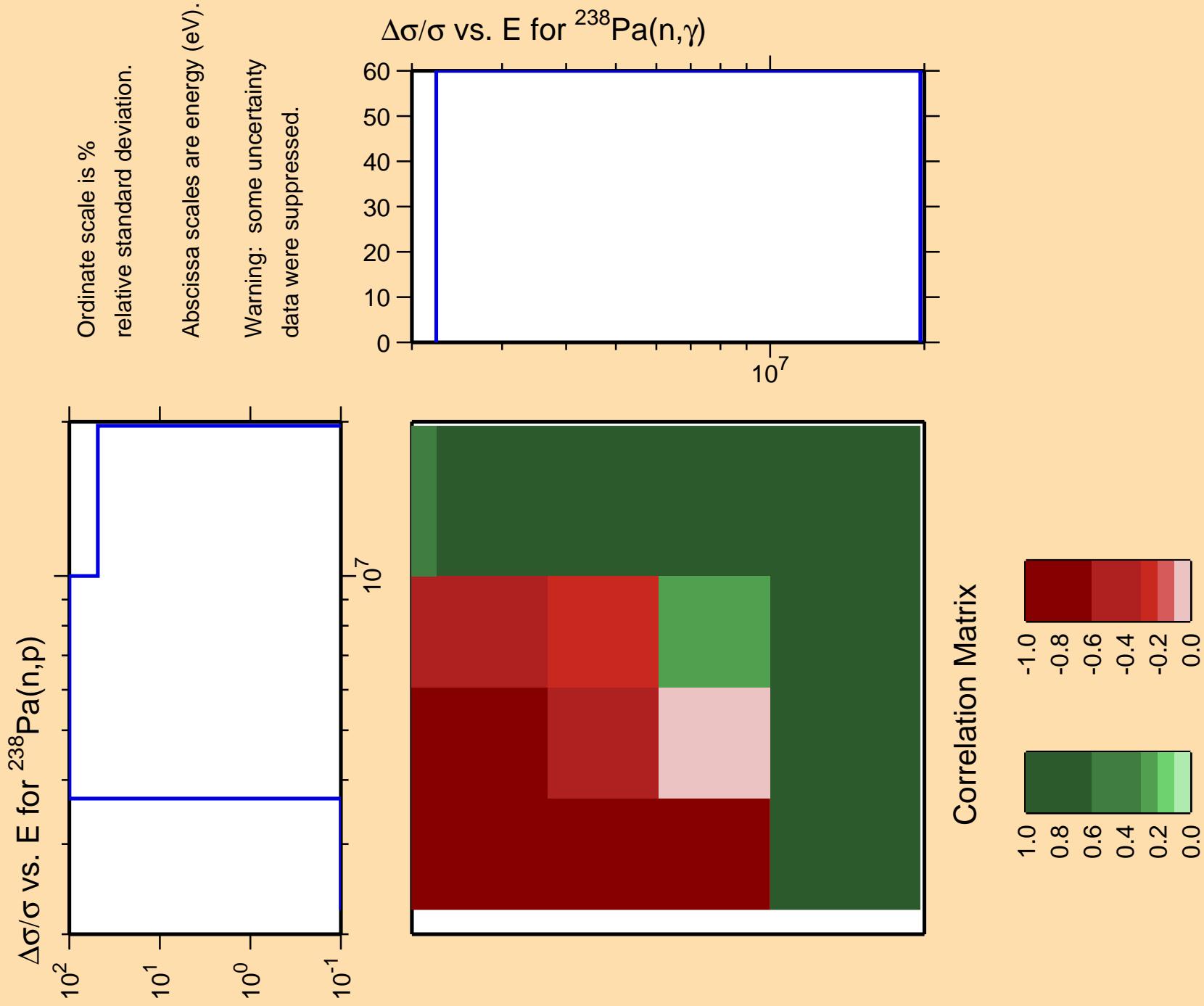
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

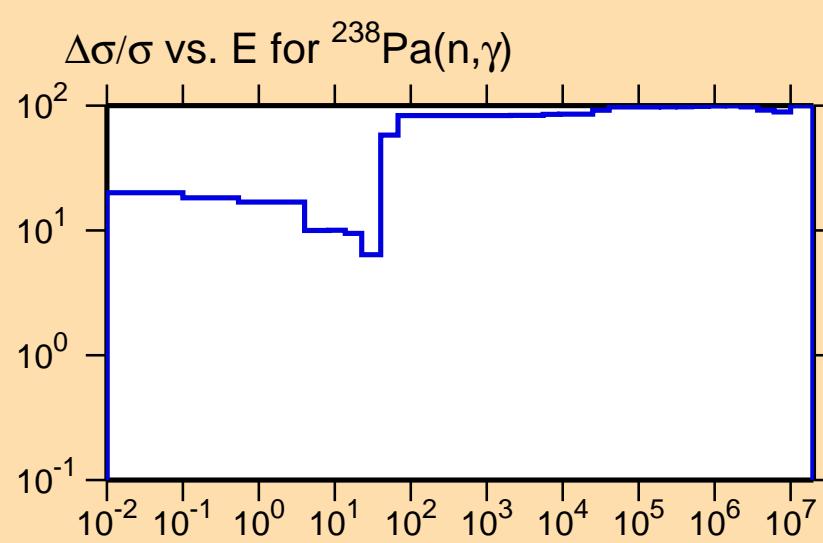




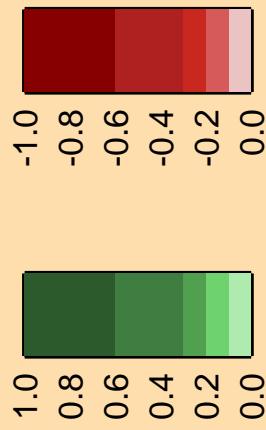
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(n,\alpha)$

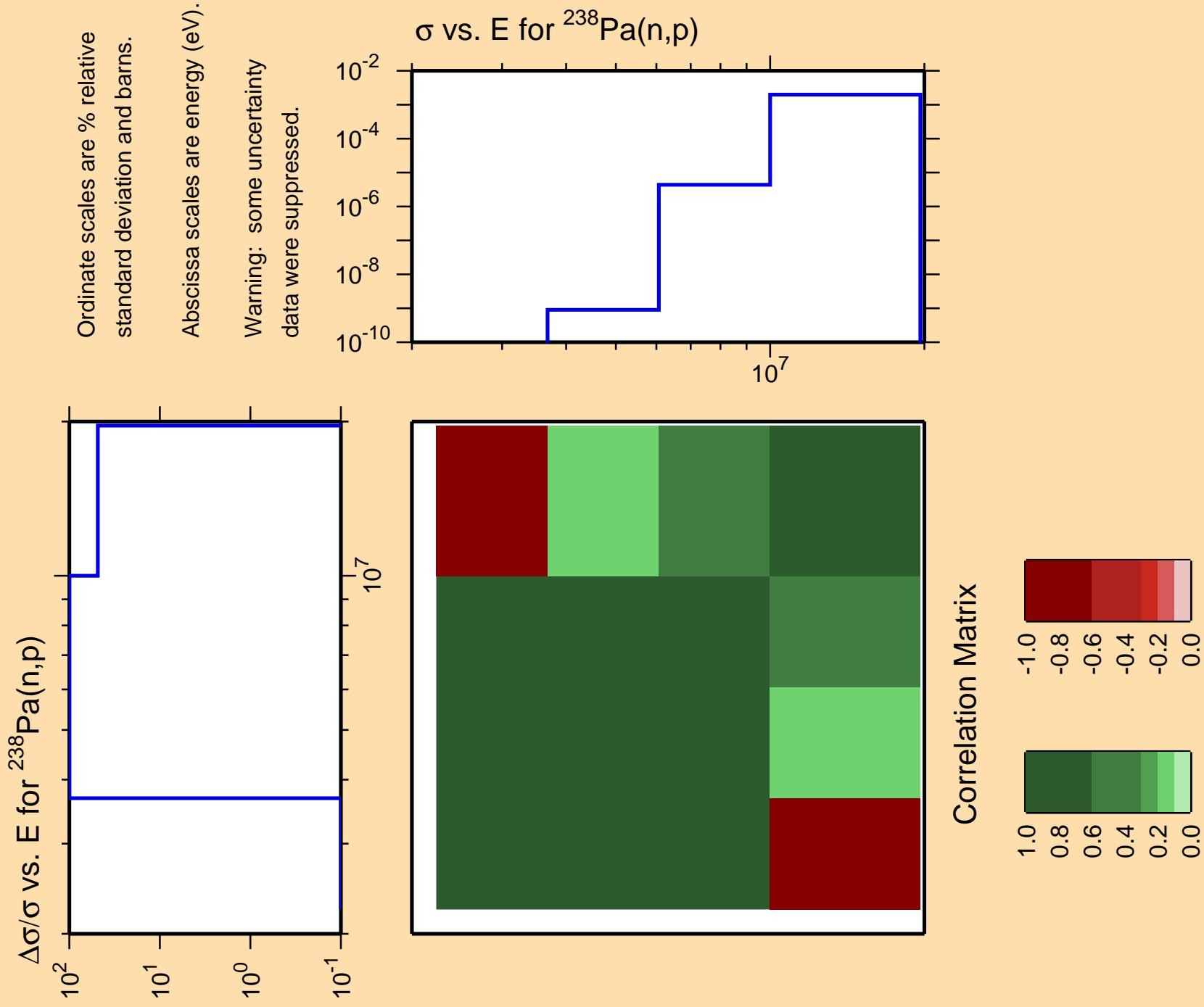
Ordinate scale is %  
relative standard deviation.

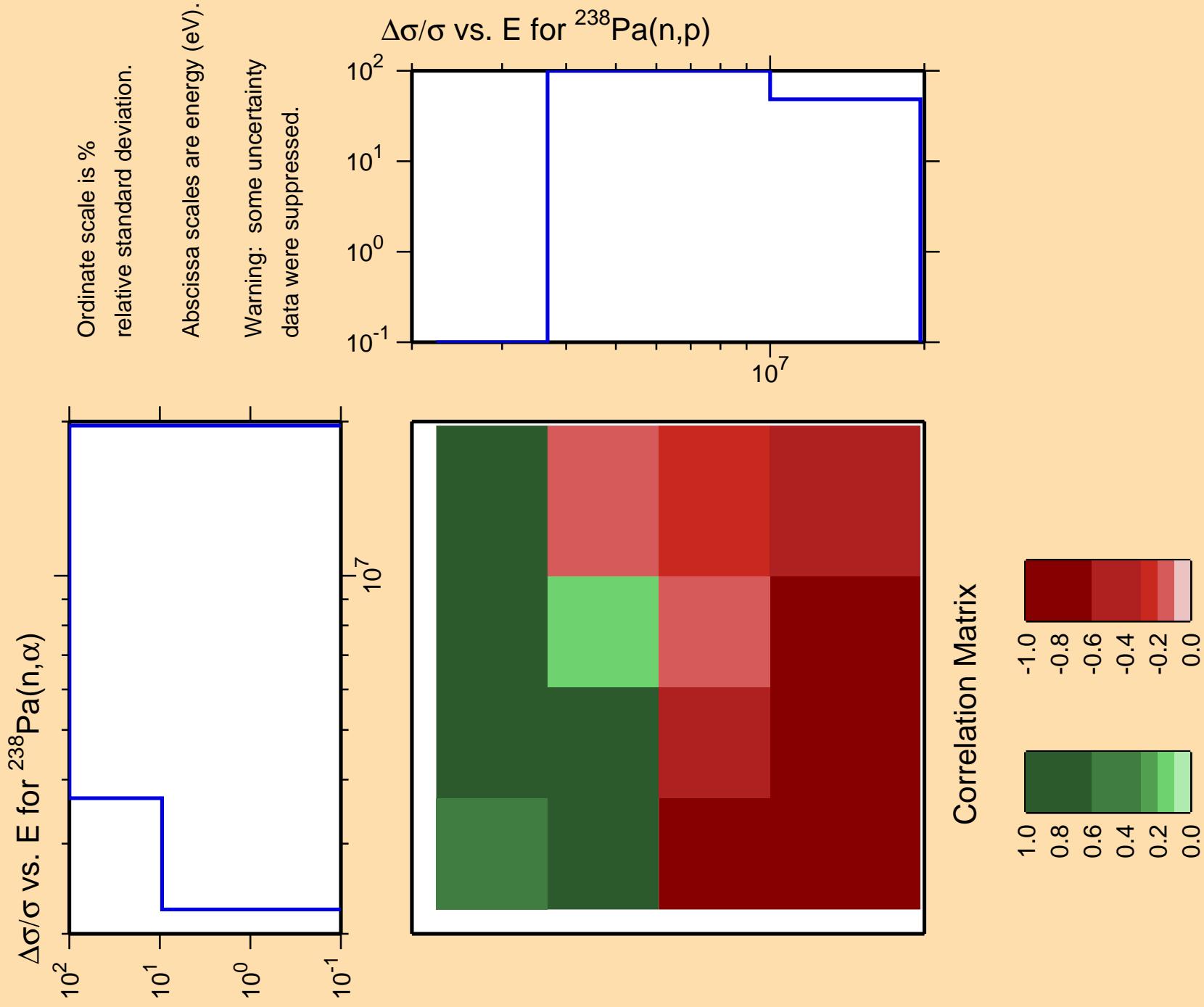
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix



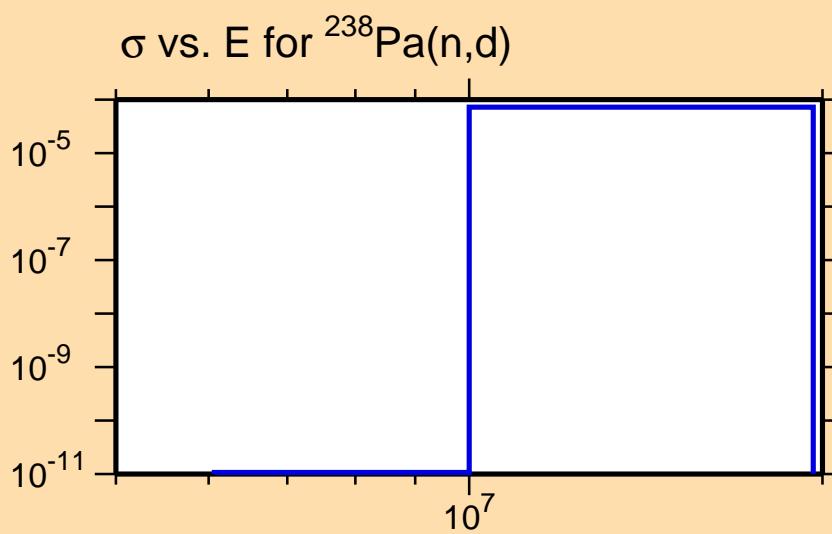




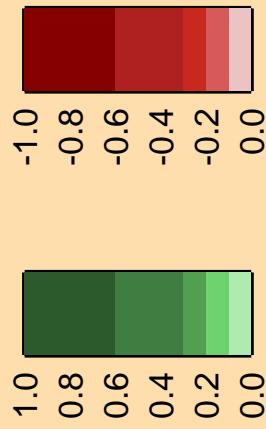
$\Delta\sigma/\sigma$  vs.  $E$  for  $^{238}\text{Pa}(n,d)$

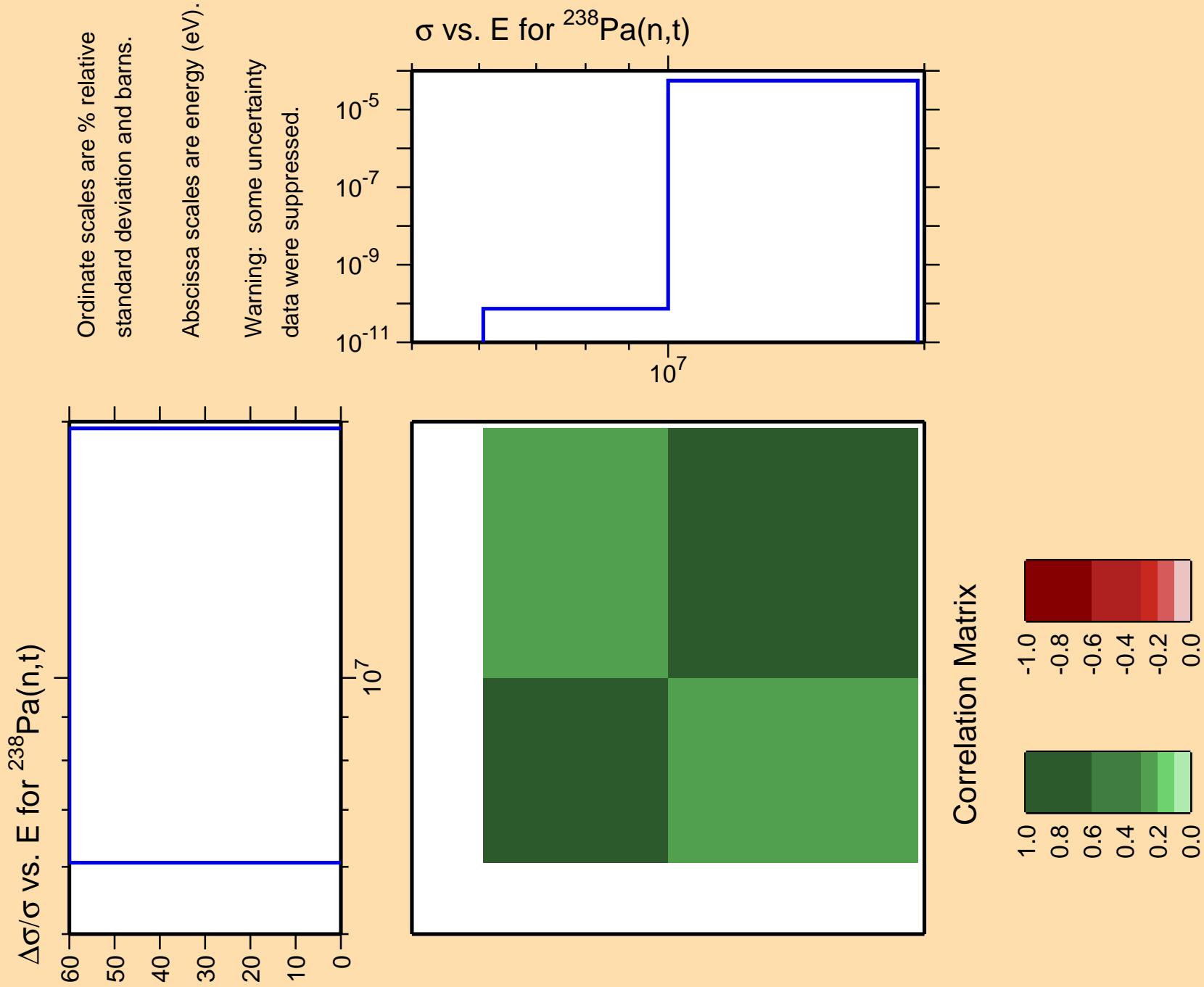
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix





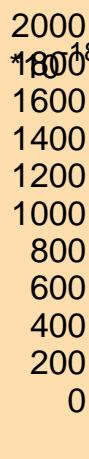
$\Delta\sigma/\sigma$  vs. E for  $^{238}\text{Pa}(\text{n},\text{He3})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



$\sigma$  vs. E for  $^{238}\text{Pa}(\text{n},\text{He3})$



Correlation Matrix

