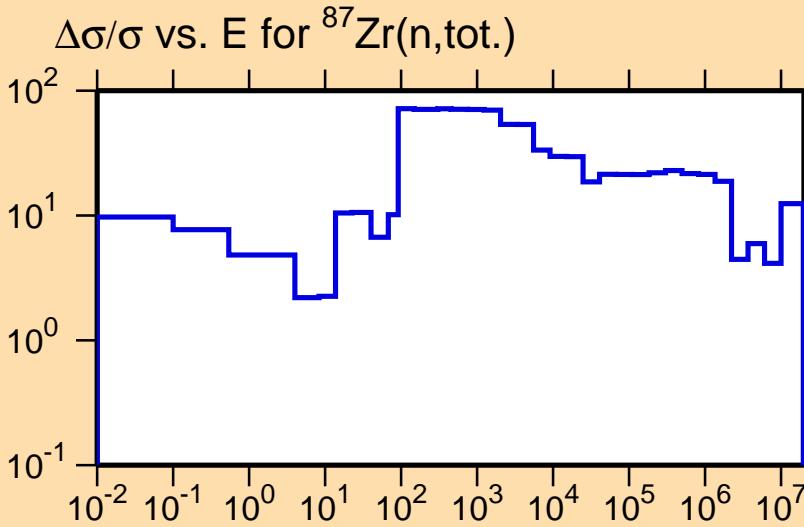


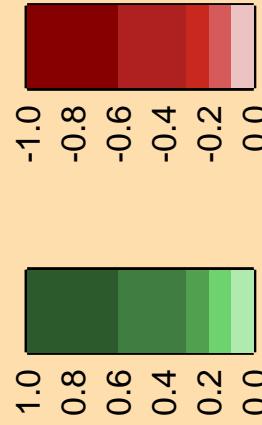
$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(\text{n},\text{el.})$

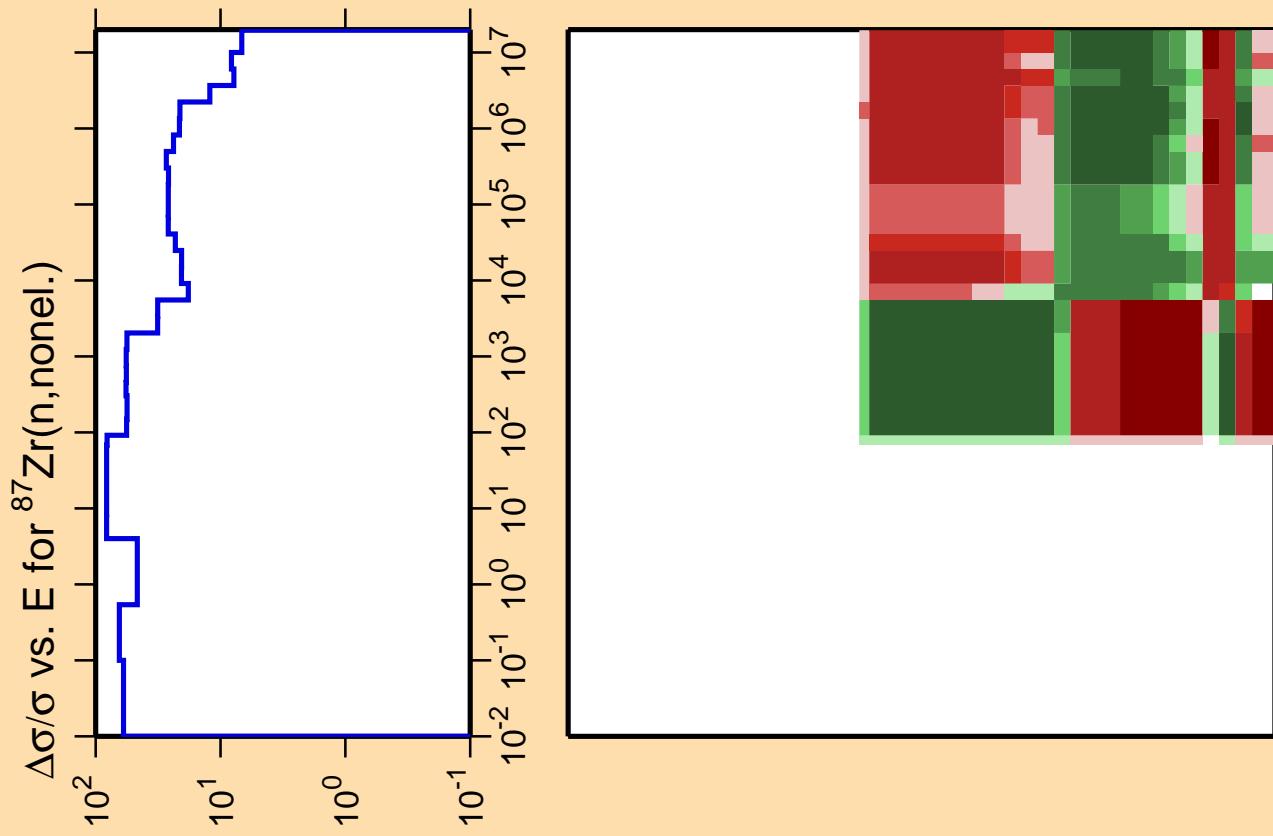
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

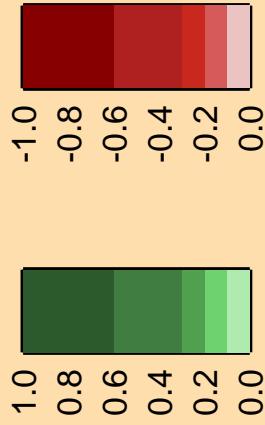


Correlation Matrix

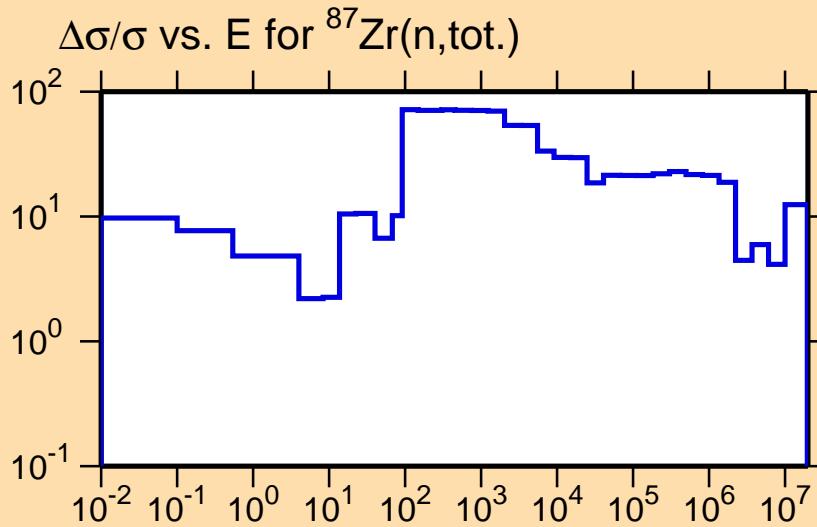


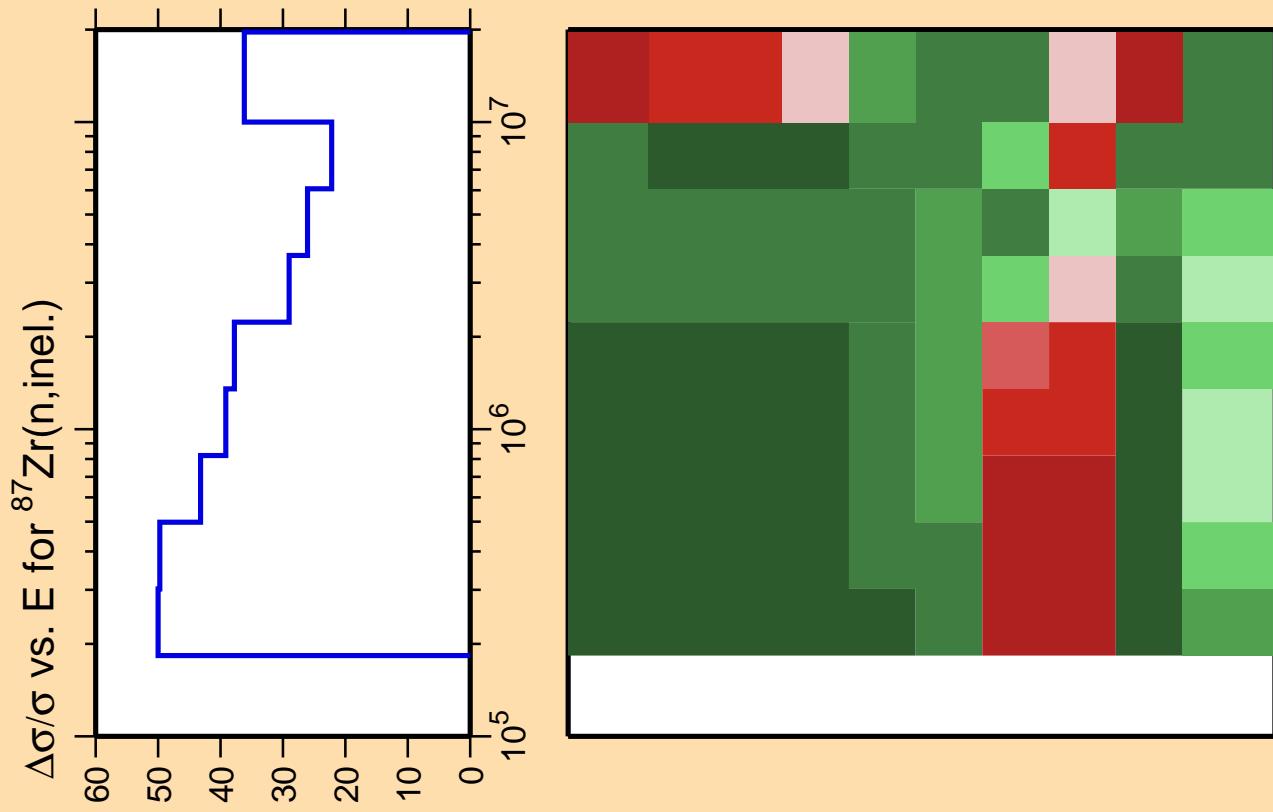


Correlation Matrix

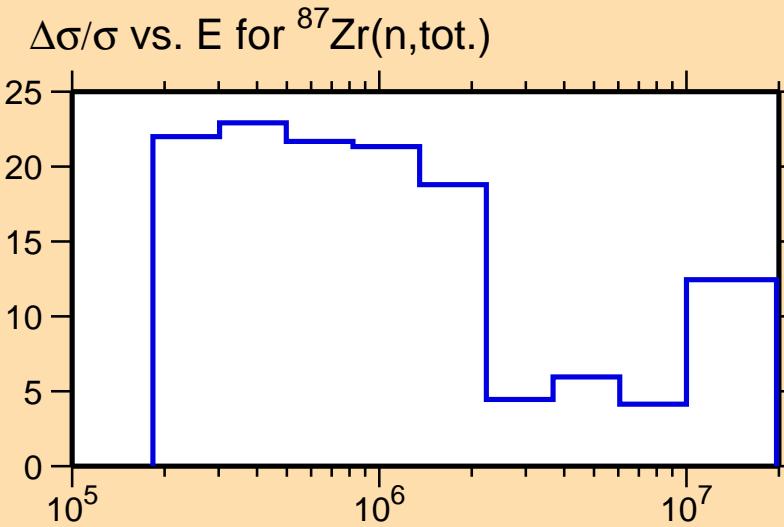


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

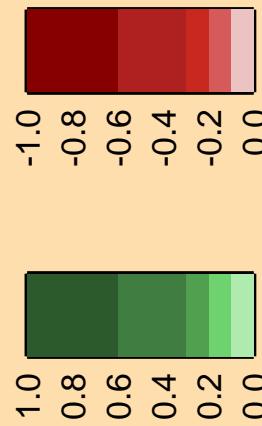


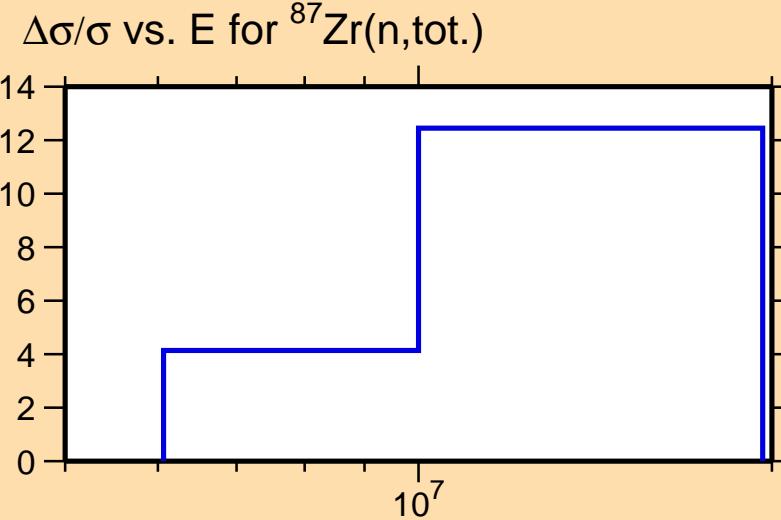
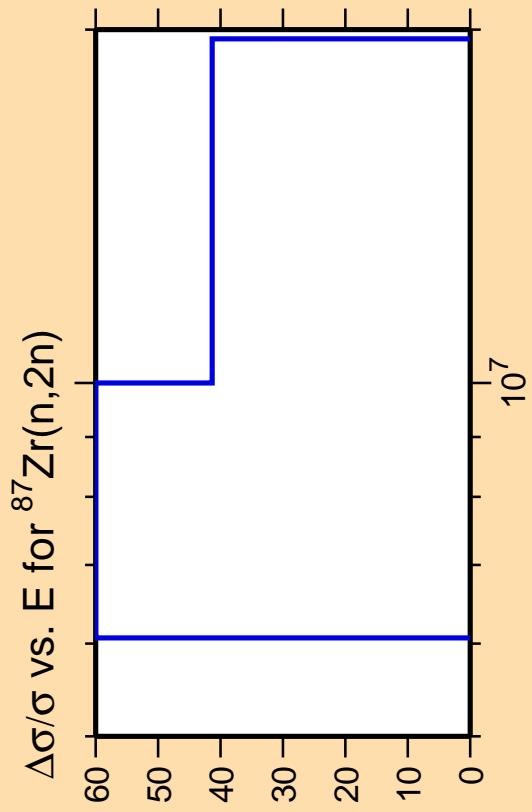


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

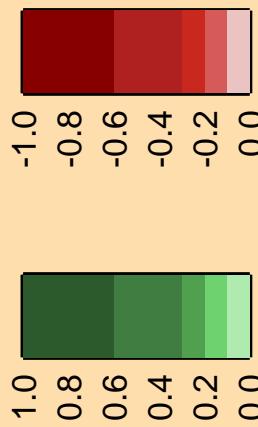


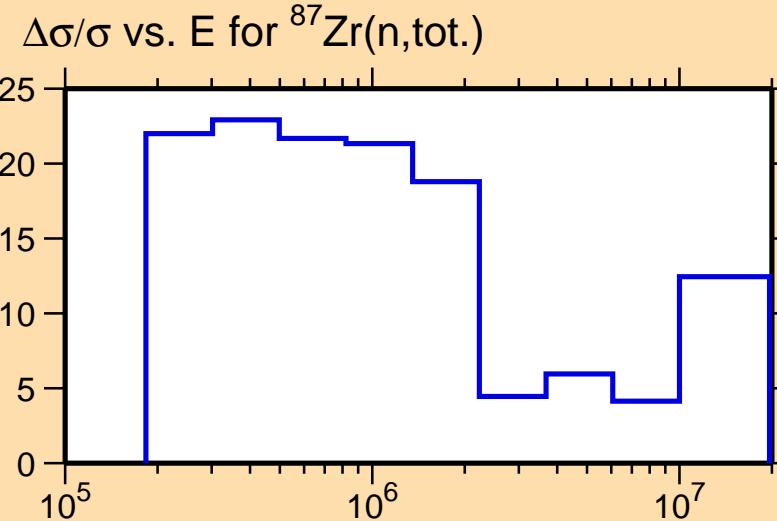
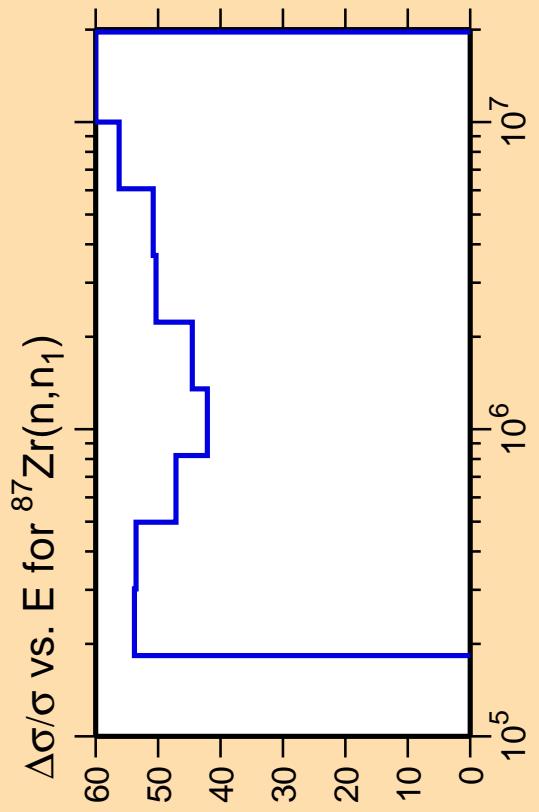
Correlation Matrix



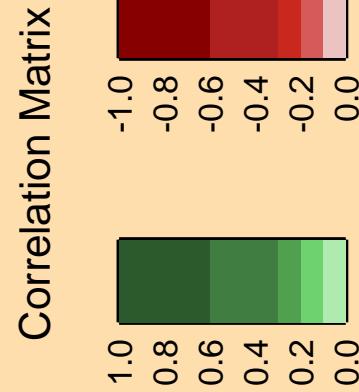


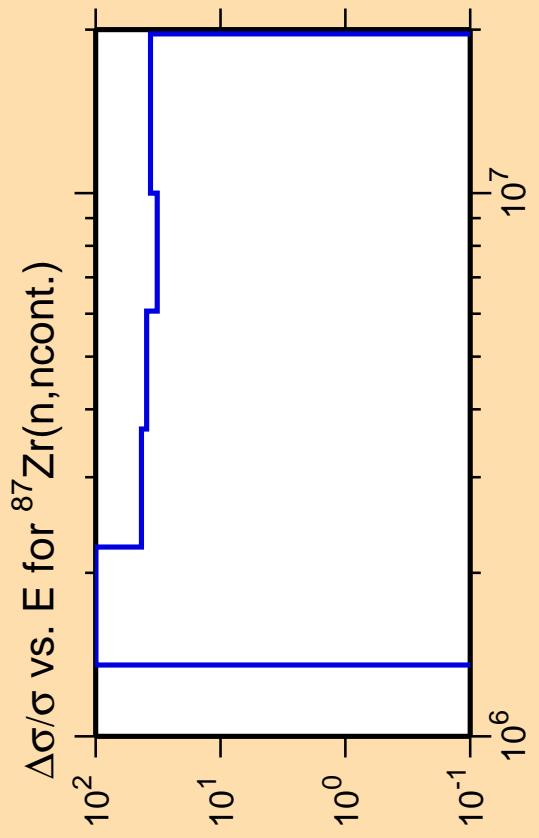
Correlation Matrix





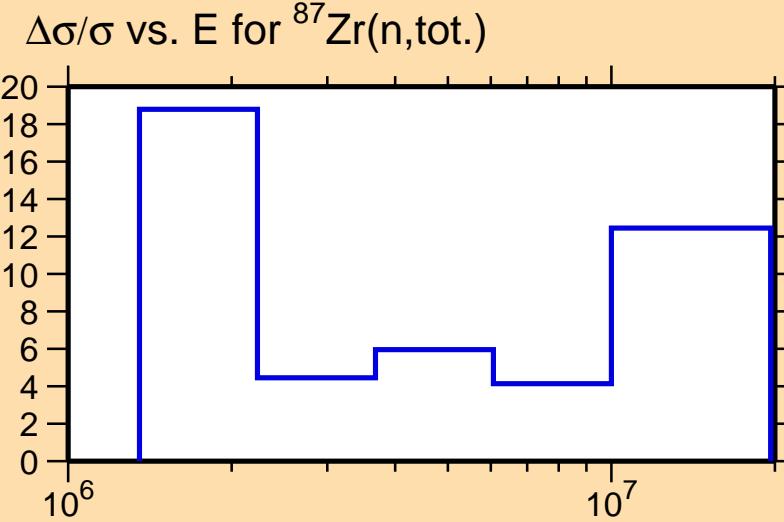
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.





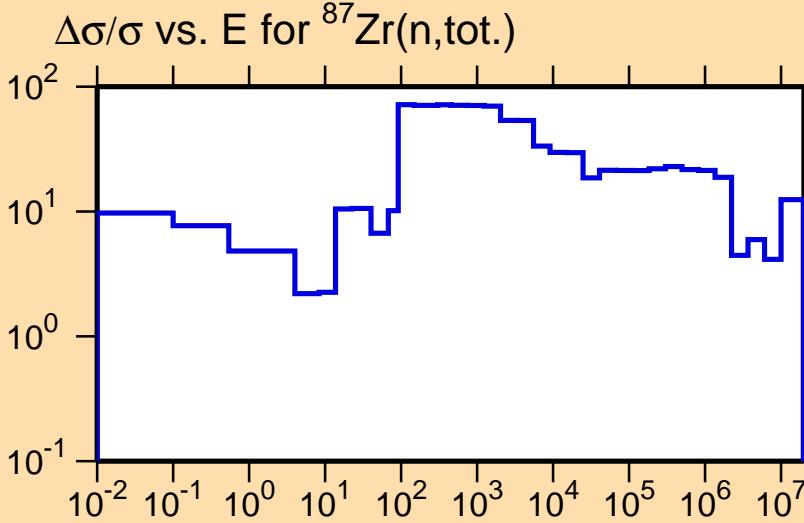
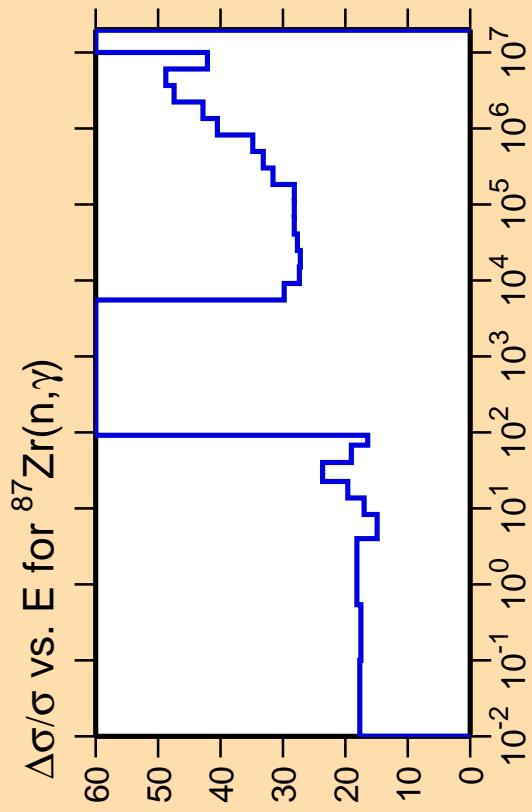
Ordinate scale is %
relative standard deviation.

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



Correlation Matrix



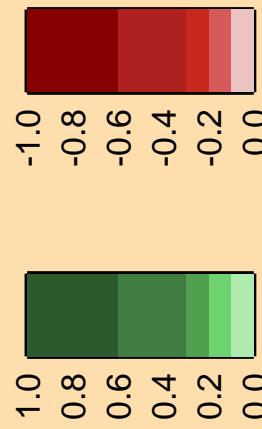


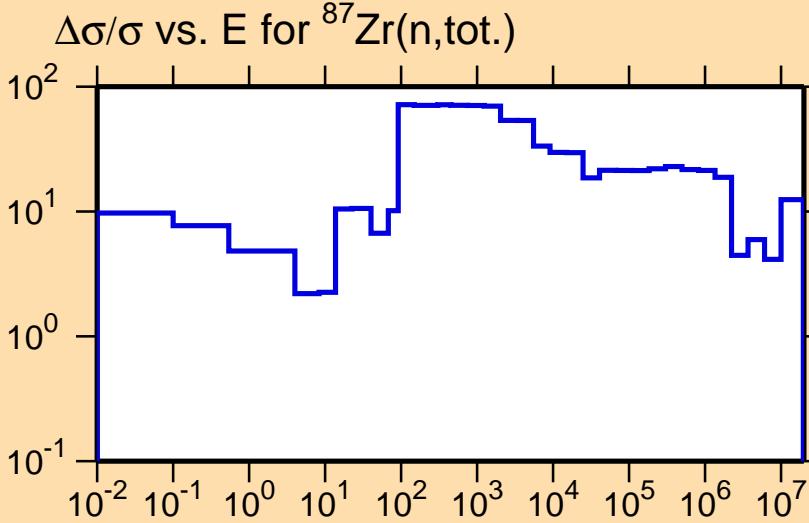
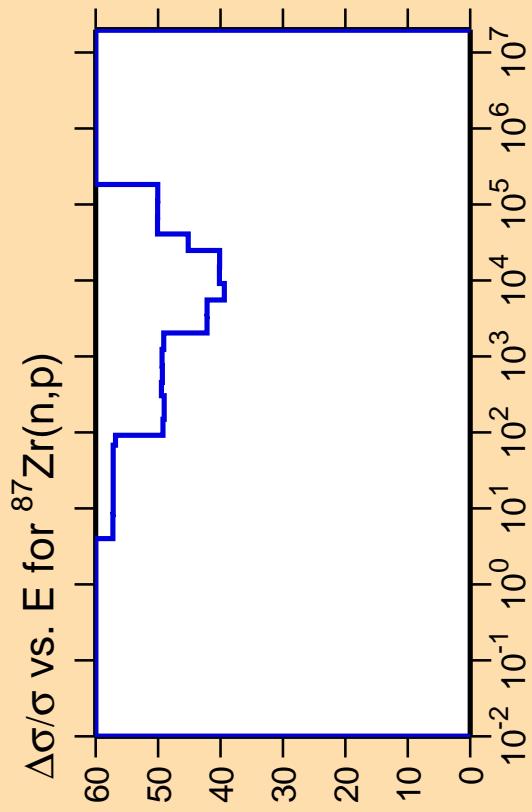
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.

Correlation Matrix





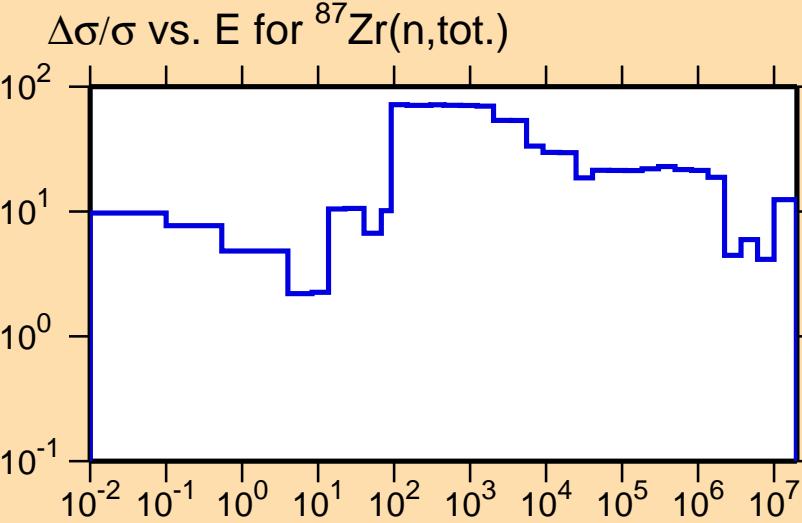
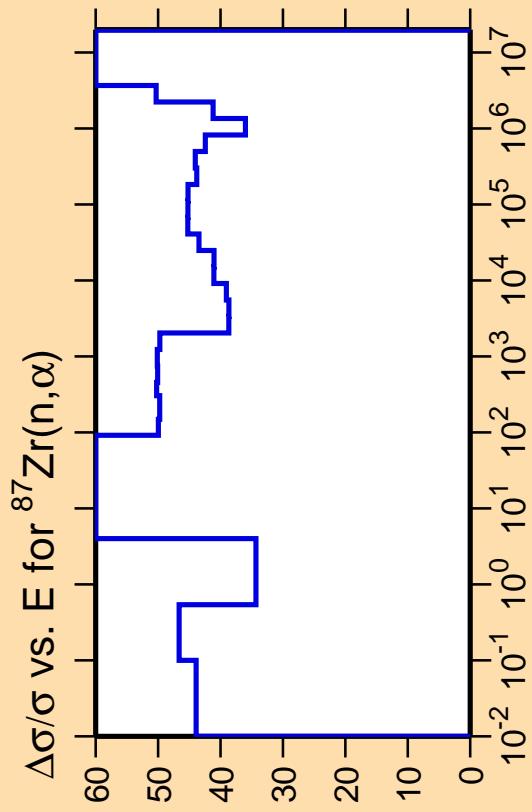
Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

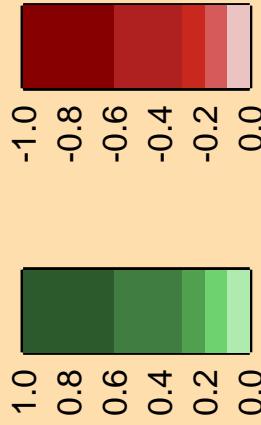
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Correlation Matrix





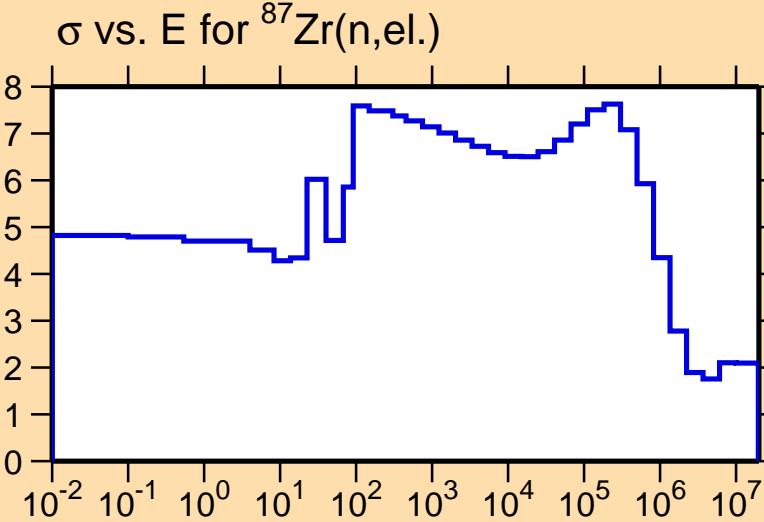
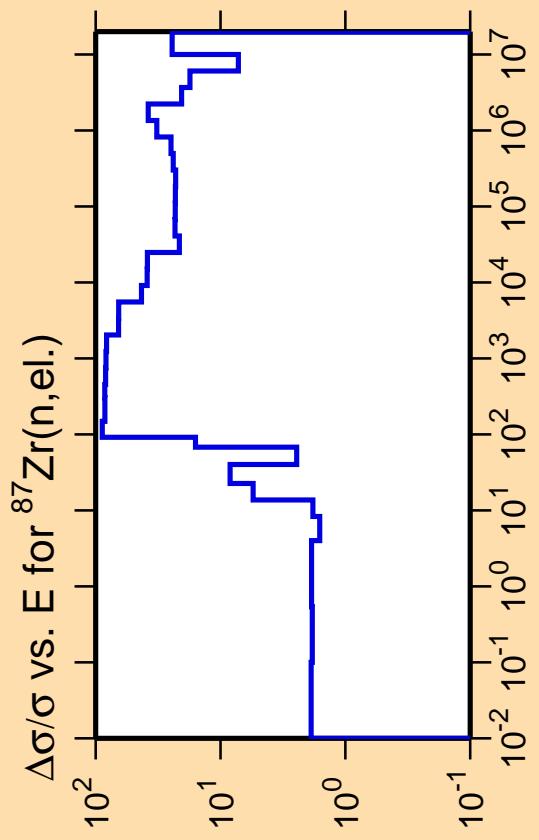
Correlation Matrix



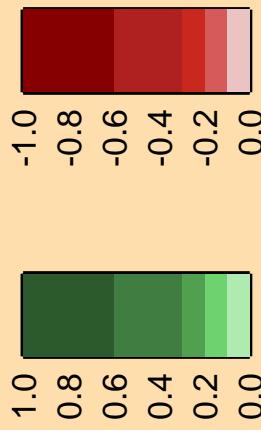
Ordinate scale is %
relative standard deviation.

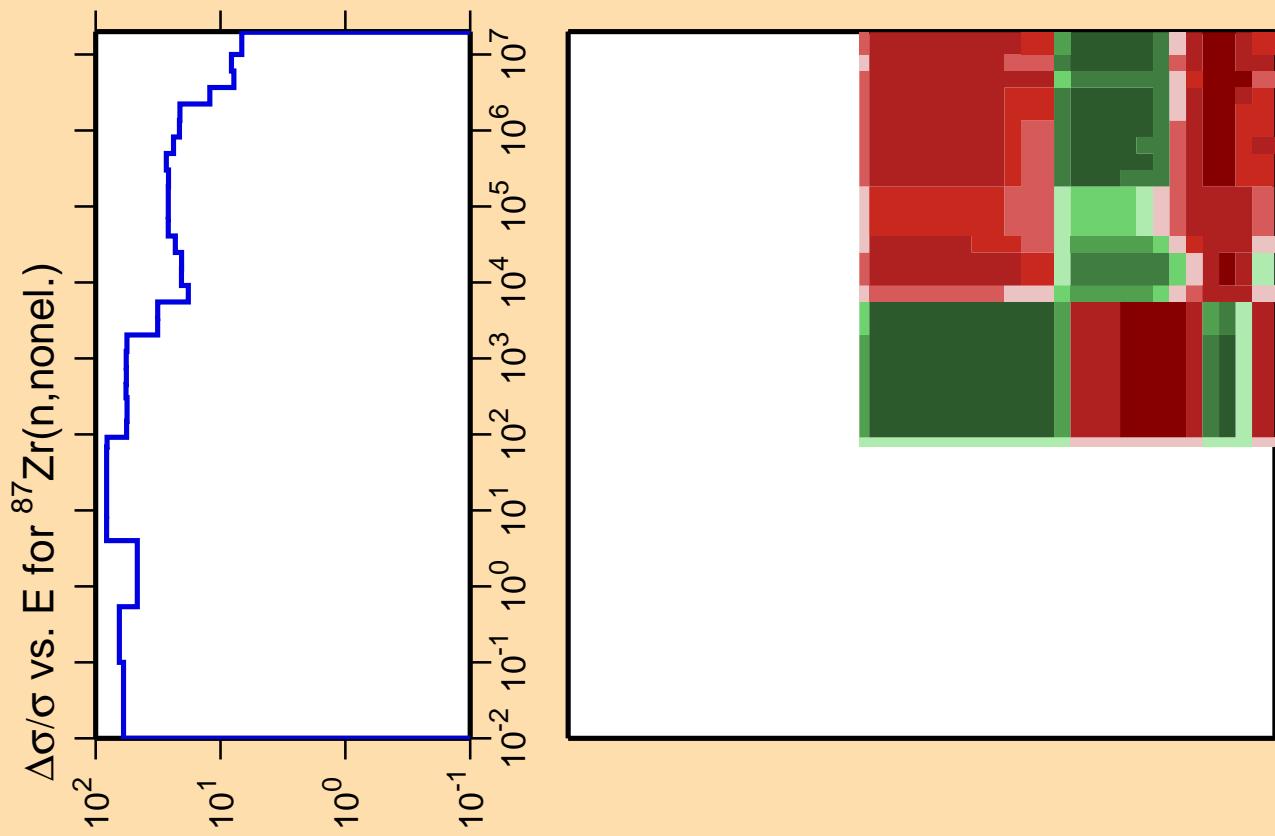
Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



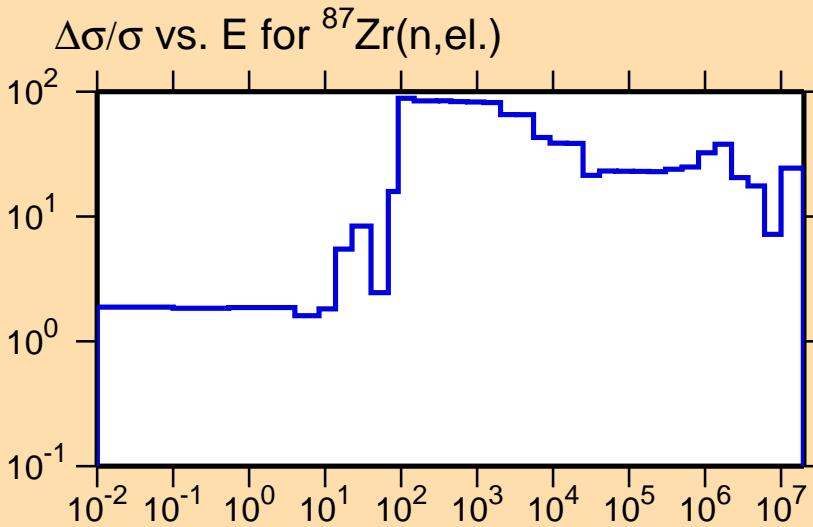
Correlation Matrix



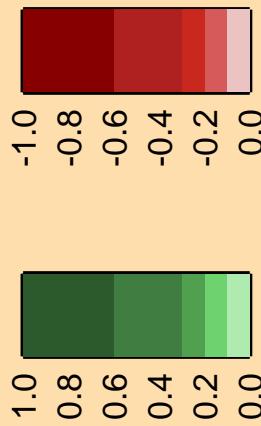


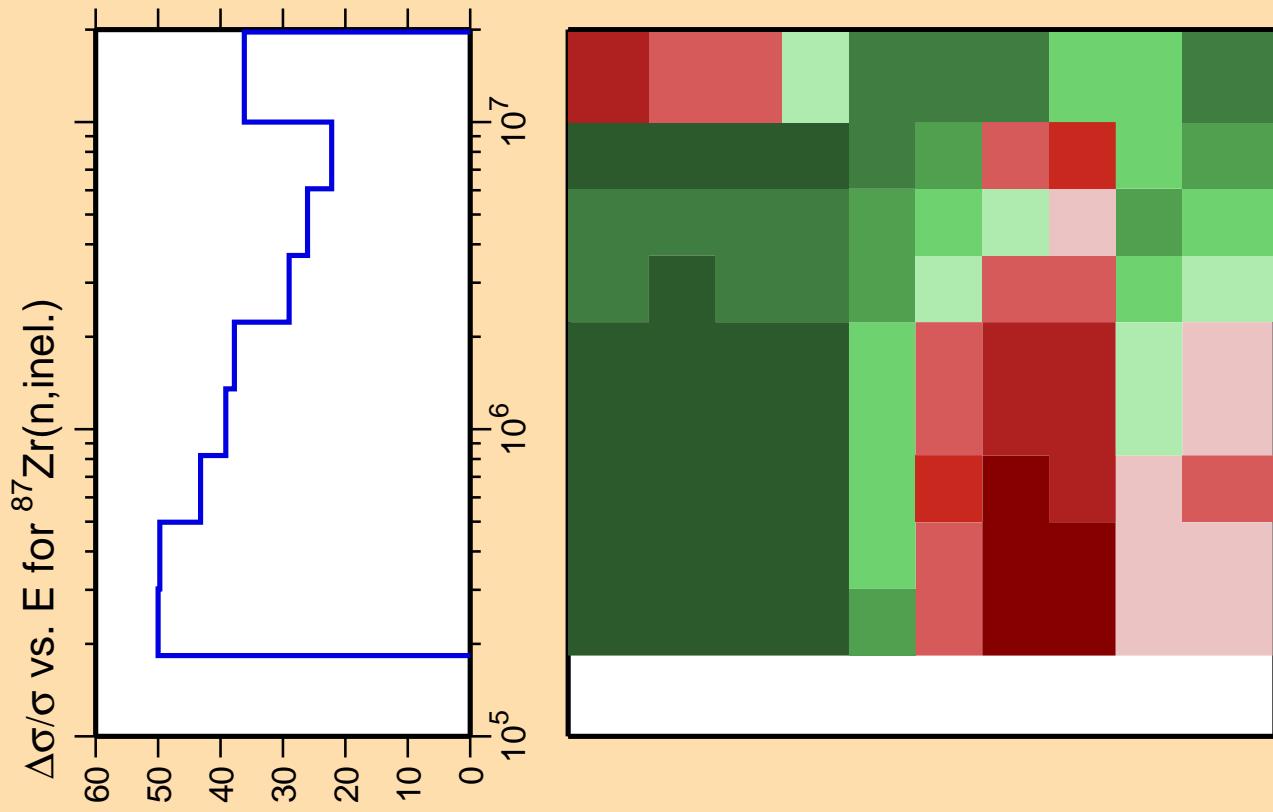
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

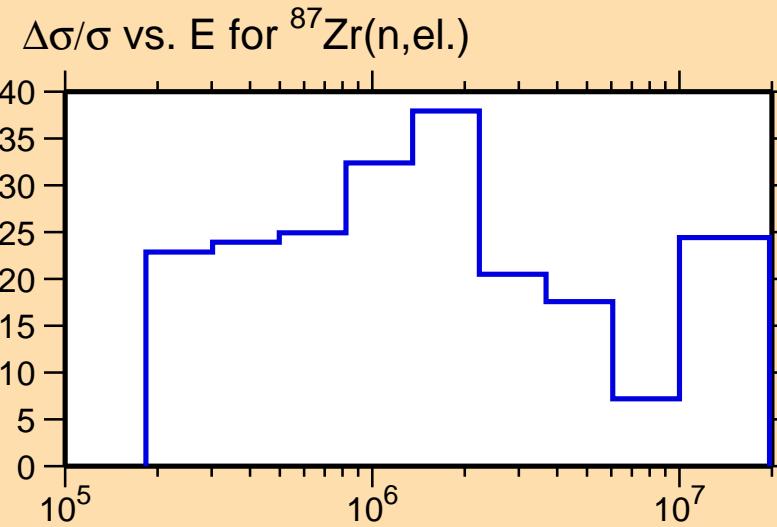


Correlation Matrix





Correlation Matrix



Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

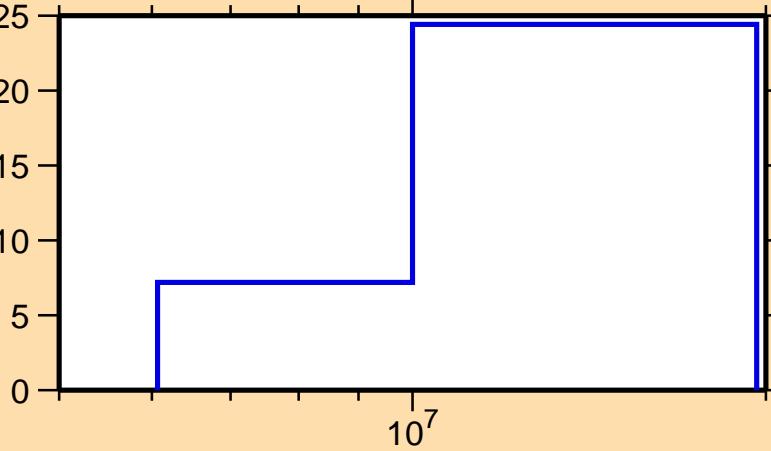
$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n)$

Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

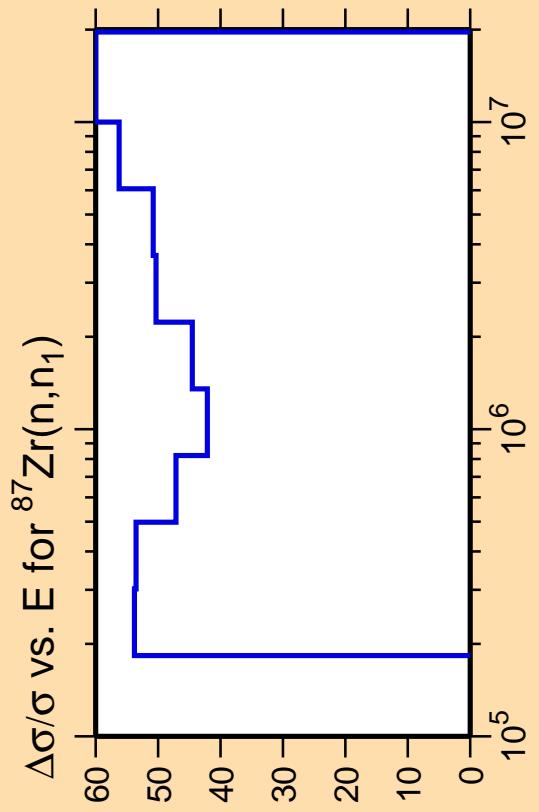
Warning: some uncertainty
data were suppressed.

$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{el.})$

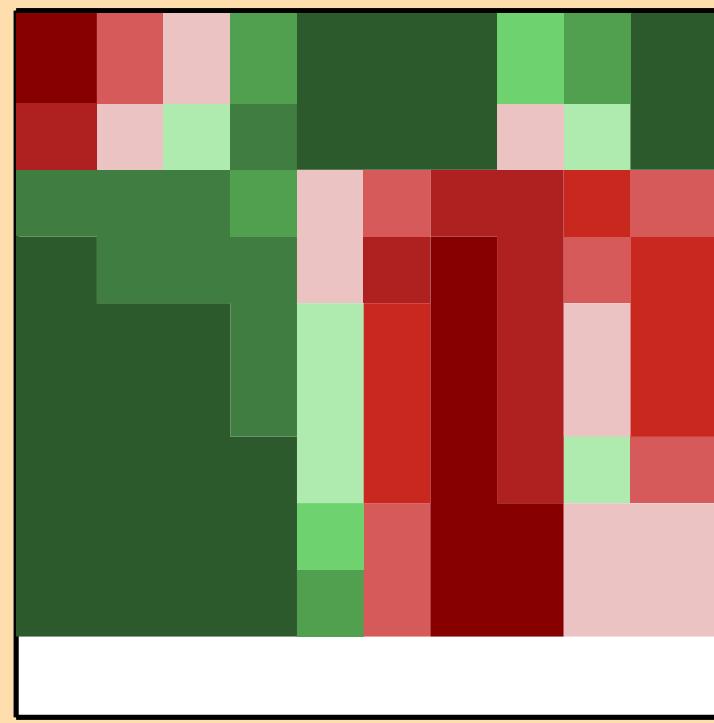
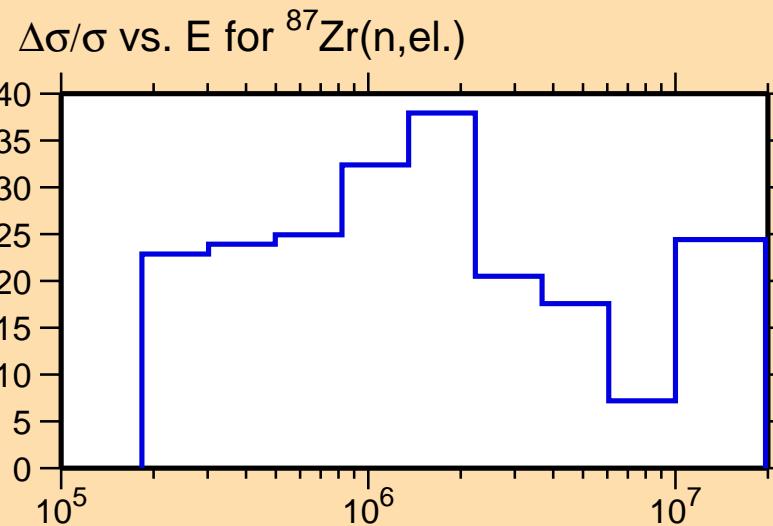


Correlation Matrix

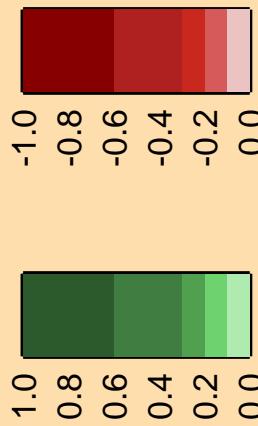


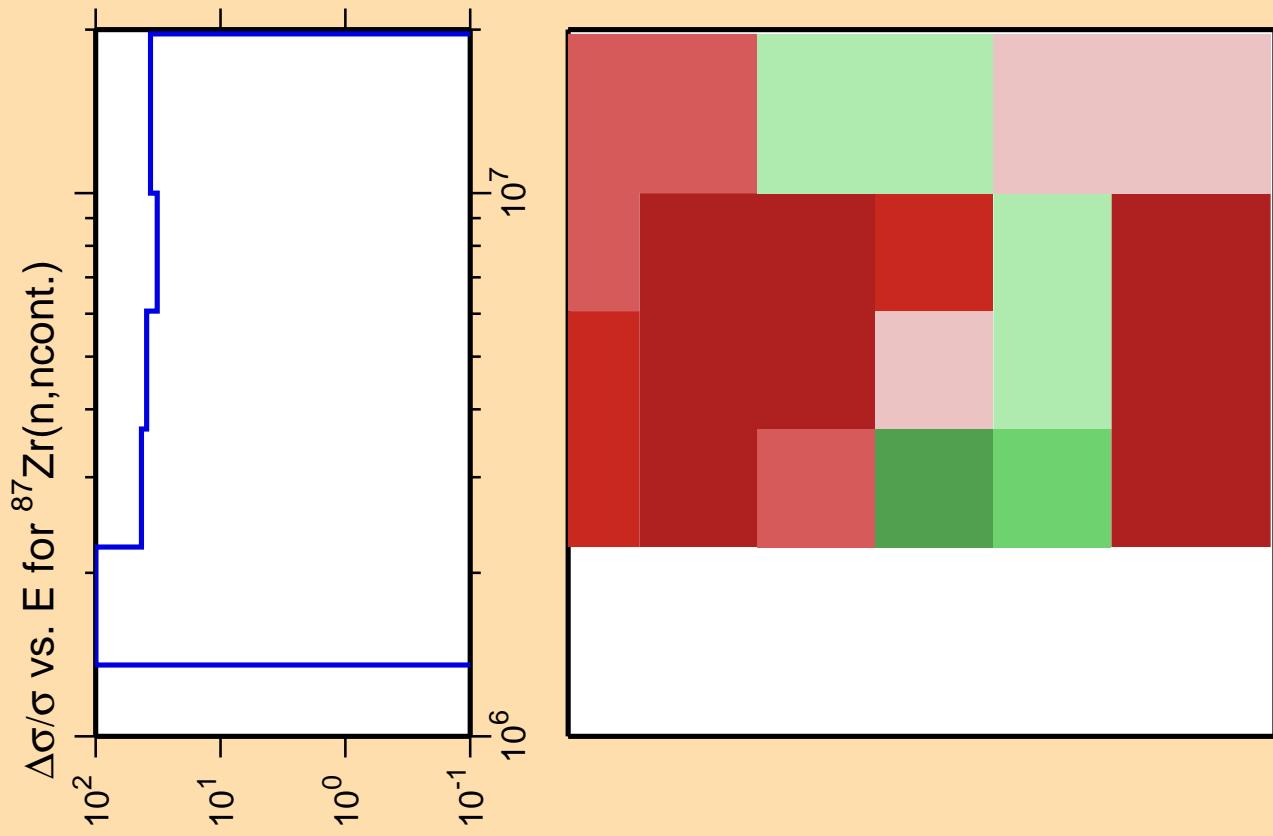


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.

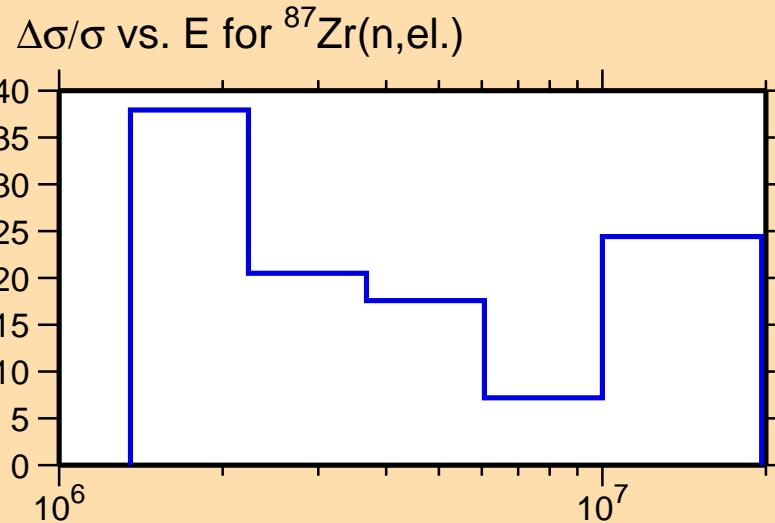
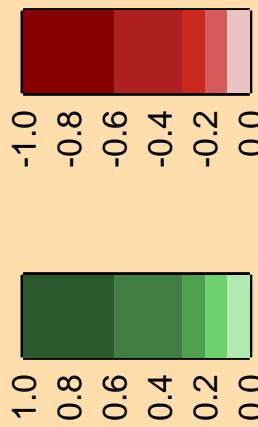


Correlation Matrix



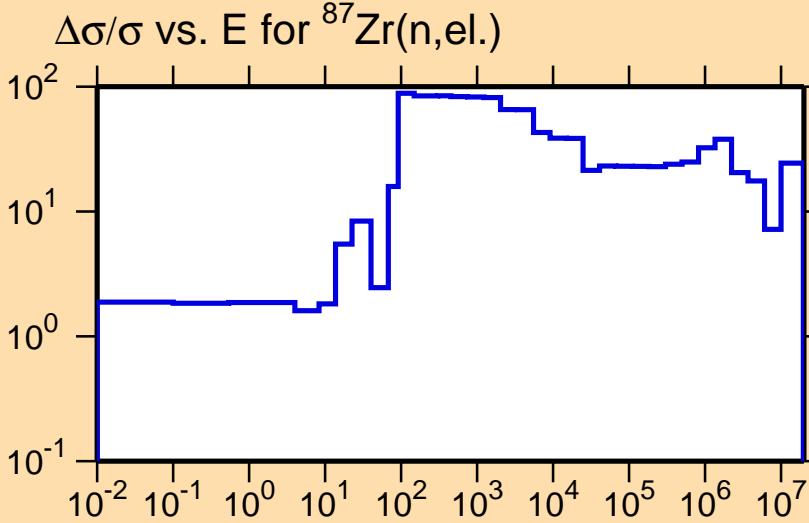
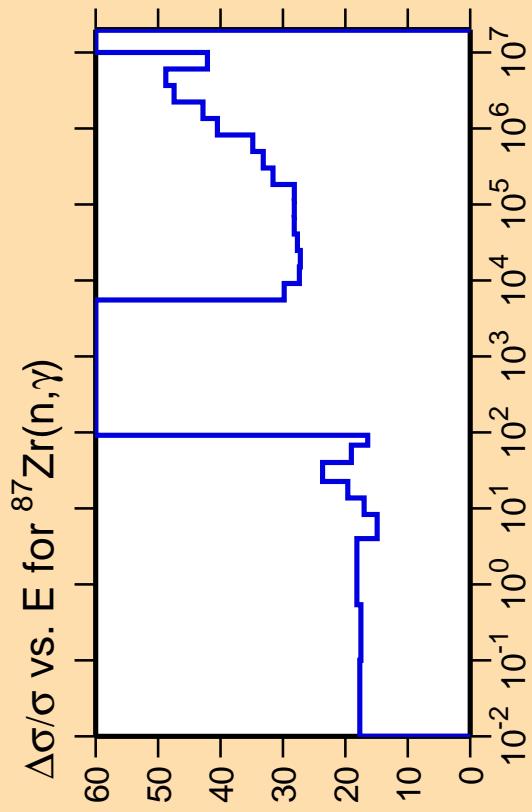


Correlation Matrix



Ordinate scale is %
relative standard deviation.

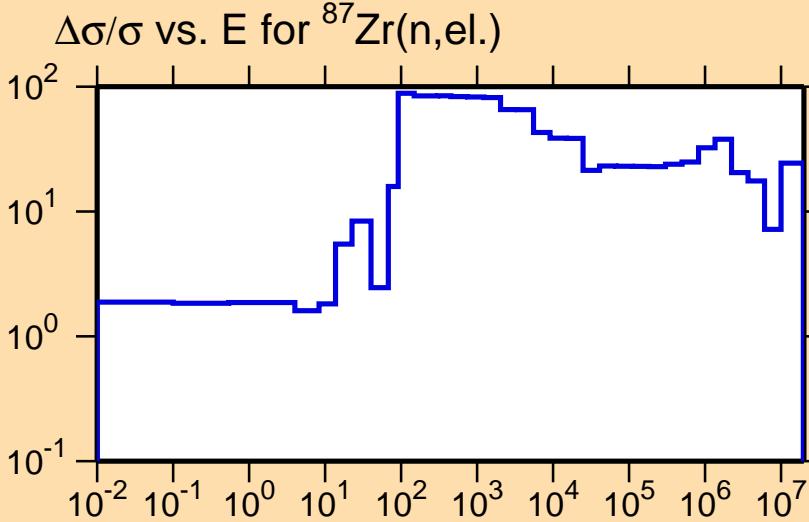
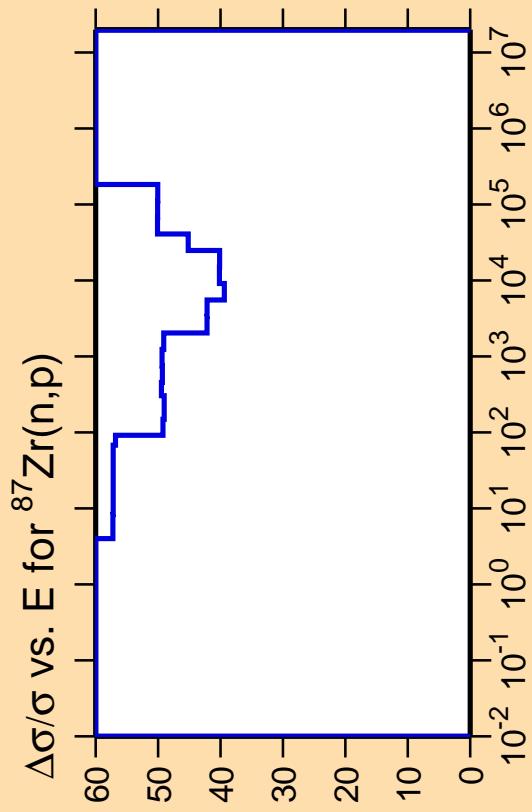
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.



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

Correlation Matrix



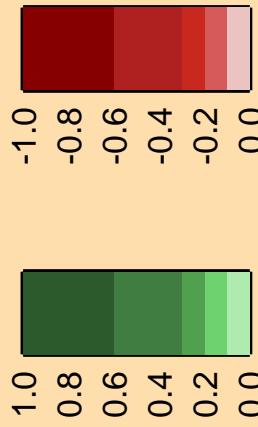


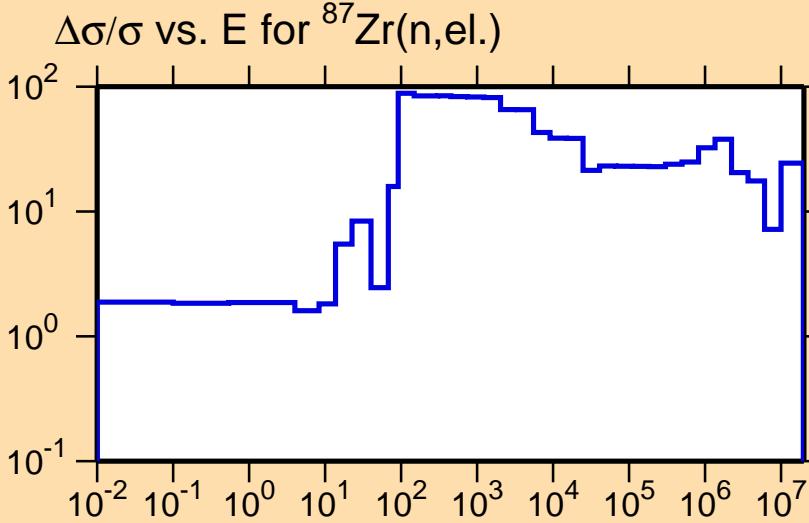
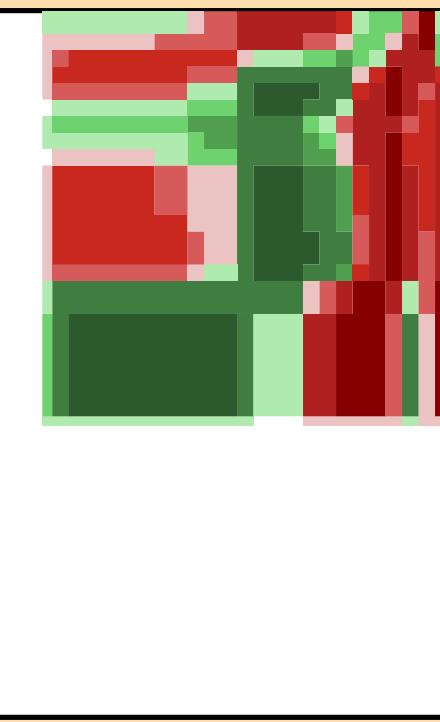
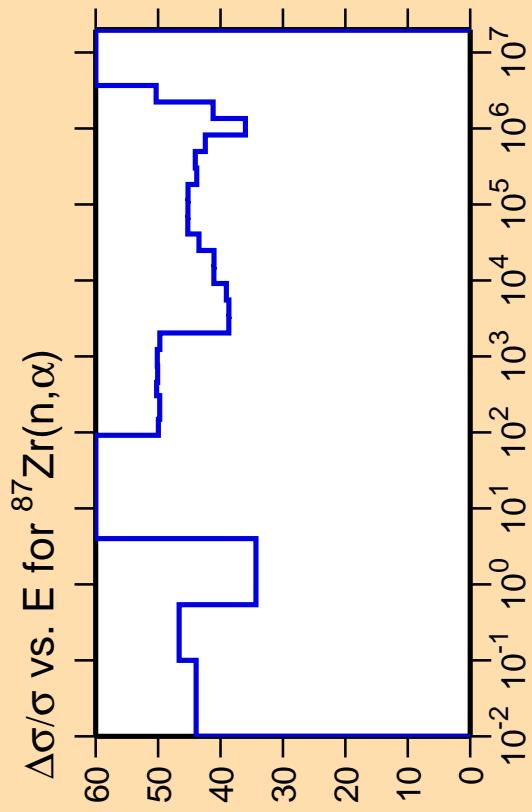
Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

Correlation Matrix

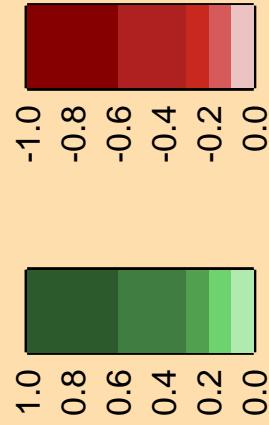


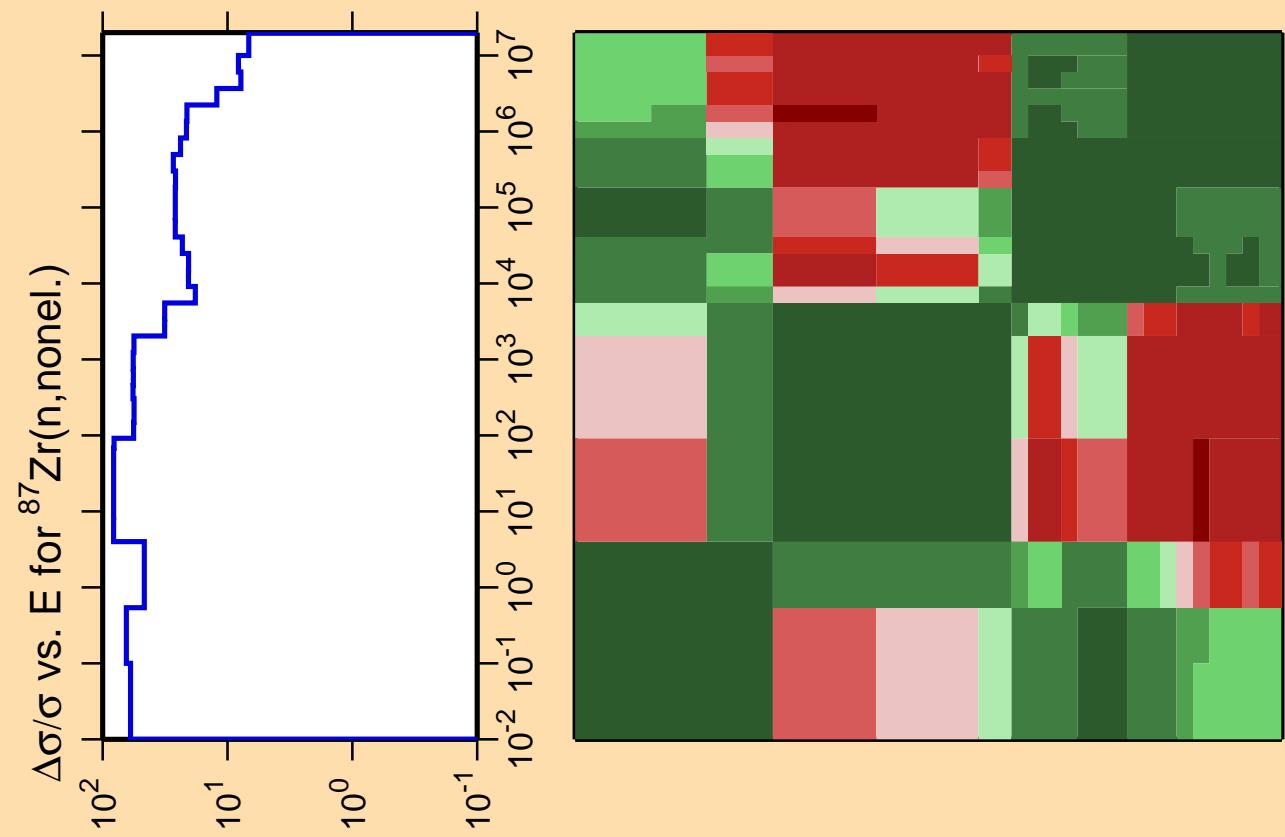


Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

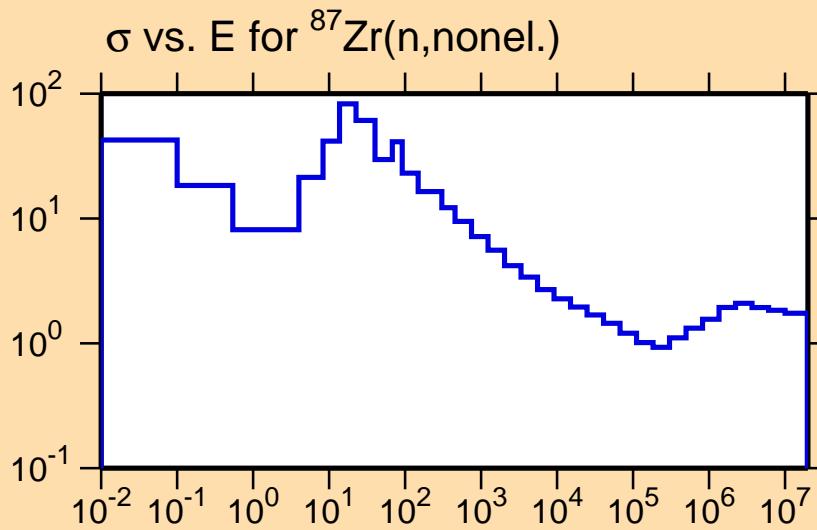
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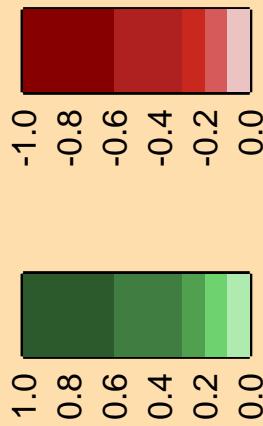


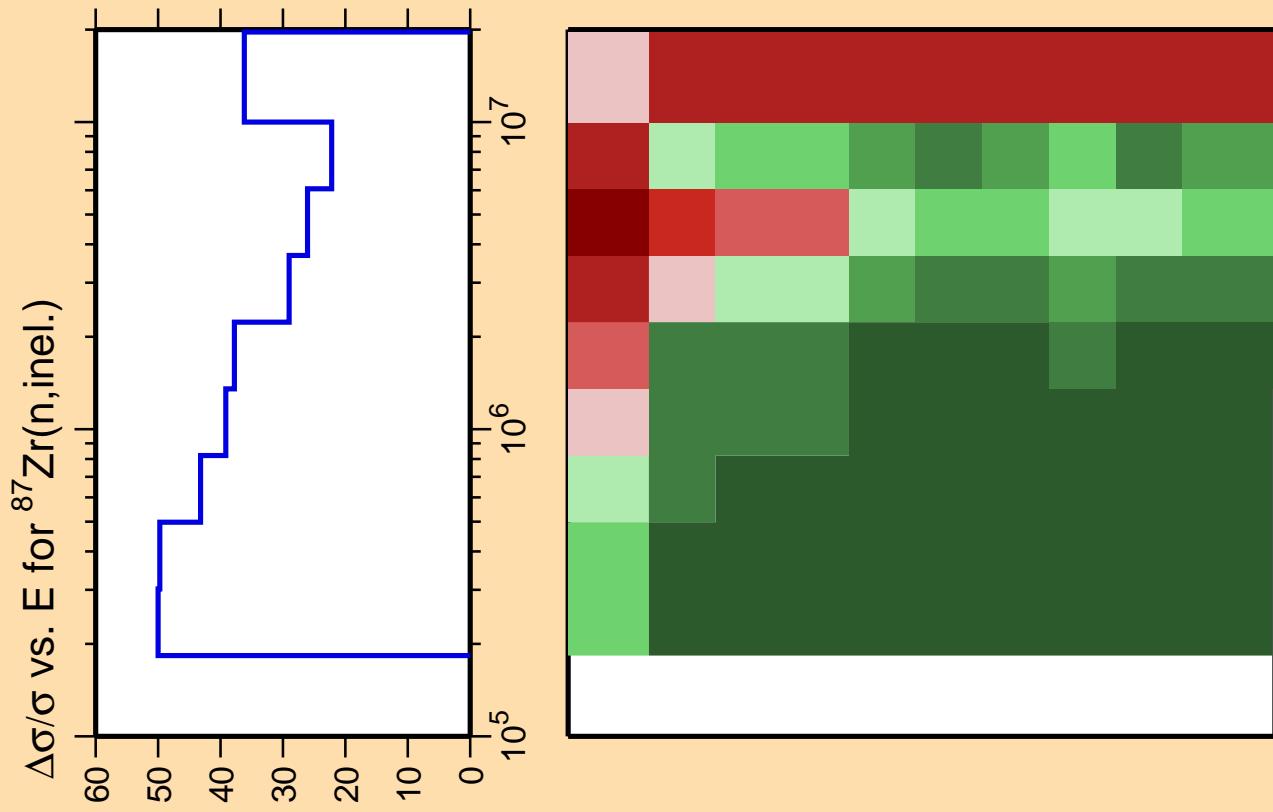
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

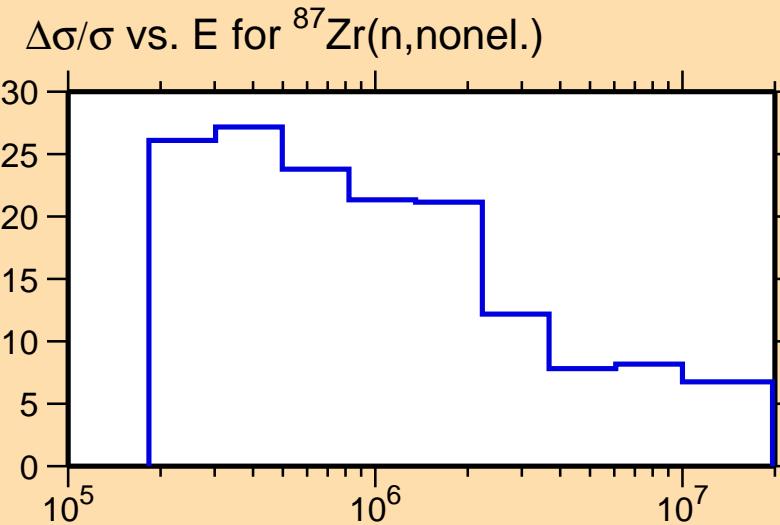


Correlation Matrix

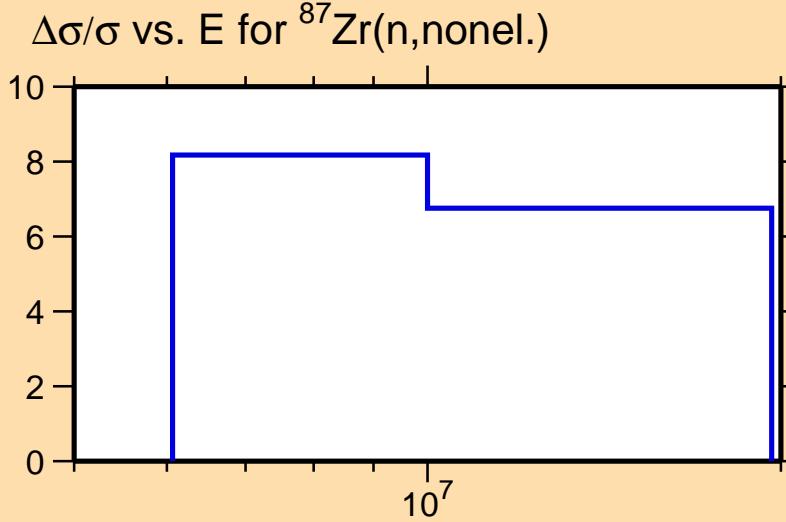
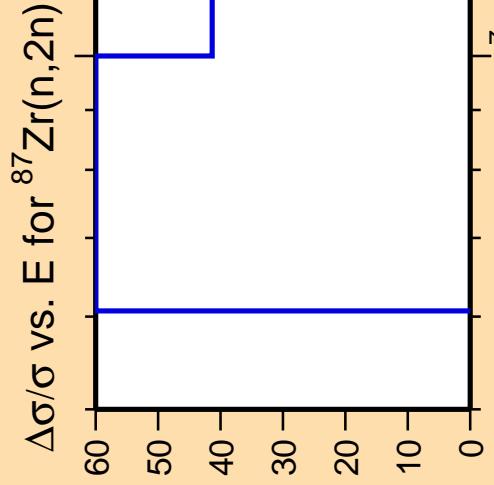




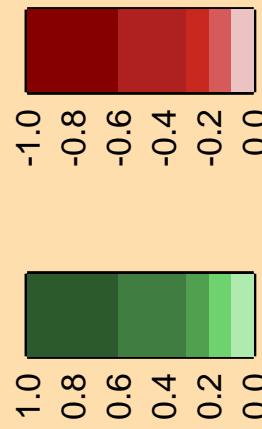
Correlation Matrix



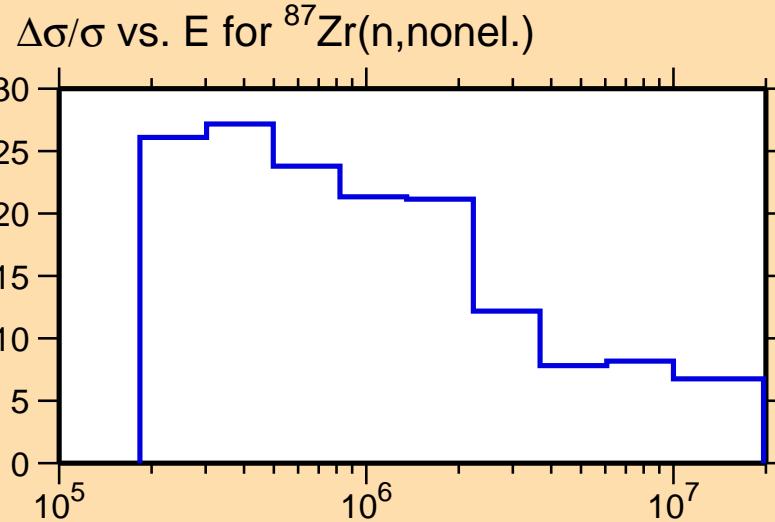
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



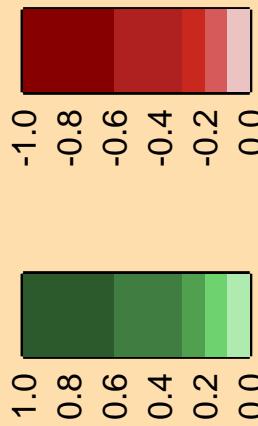
Correlation Matrix

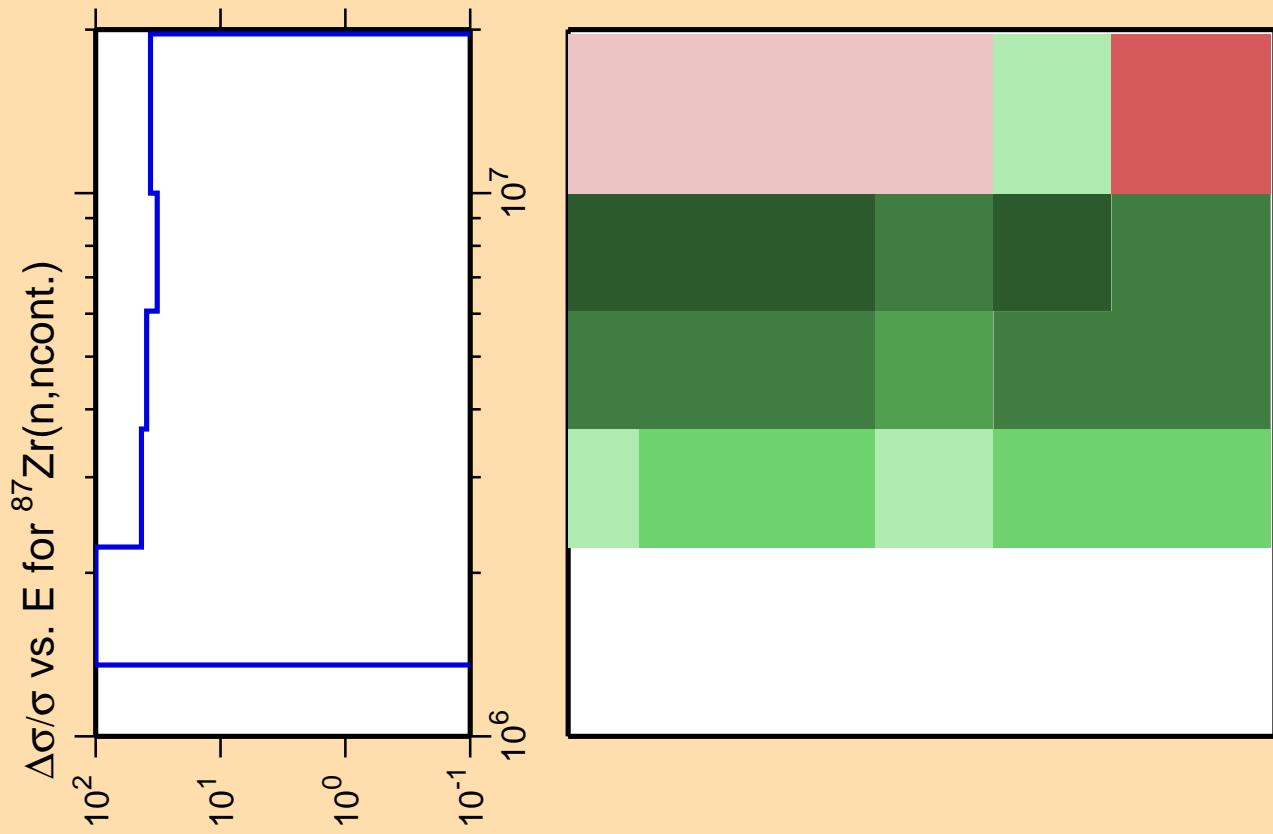


The figure shows a plot of the ratio $\Delta\sigma/\sigma$ versus energy E for the reaction $^{87}\text{Zr}(n, n_1)$. The y-axis ($\Delta\sigma/\sigma$) ranges from 0 to 60. The x-axis (Energy E) is logarithmic, with major ticks at 10^5 , 10^6 , and 10^7 eV. The data is shown as a blue step-like histogram, indicating discrete energy bins. The ratio $\Delta\sigma/\sigma$ is relatively constant at approximately 60 for the lowest energy bin, drops sharply to about 10 at the second bin, and then decreases in discrete steps through approximately 5, 3, 2, 1, and finally reaches near zero at the highest energy bin.

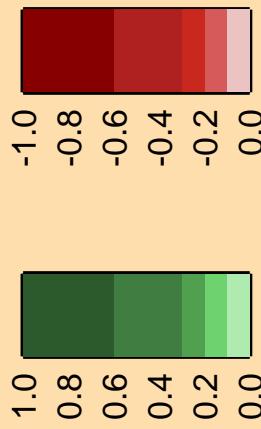


Correlation Matrix



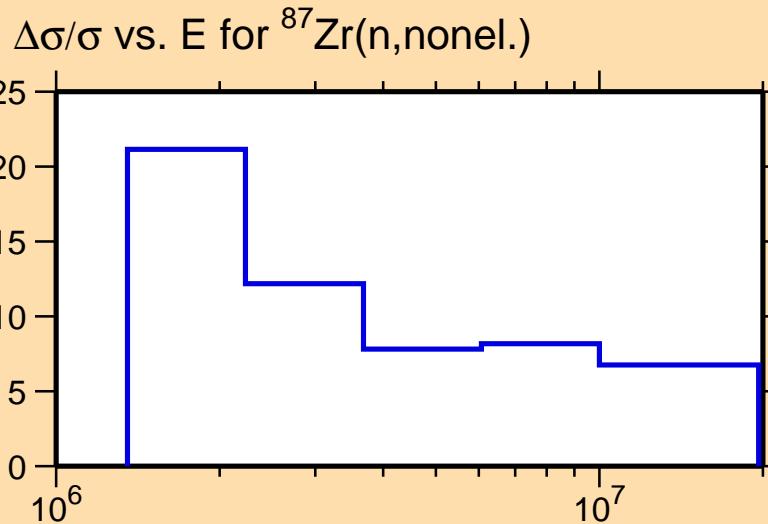


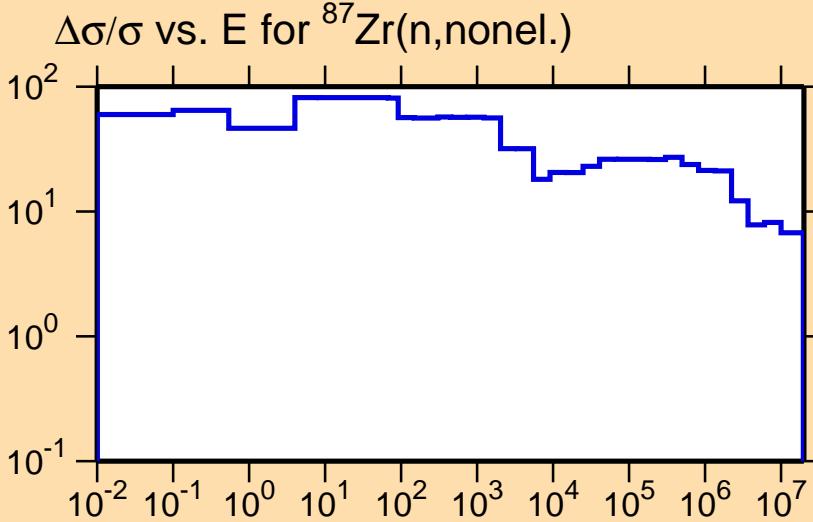
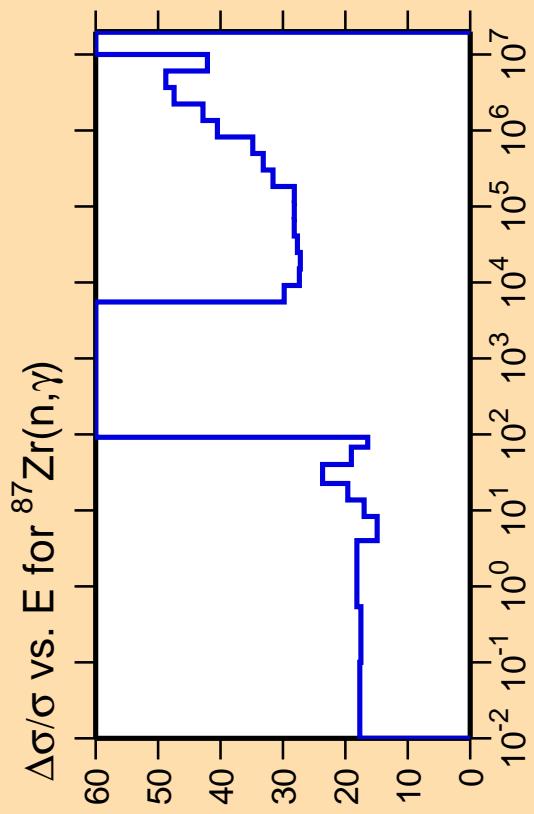
Correlation Matrix



Ordinate scale is %
relative standard deviation.

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

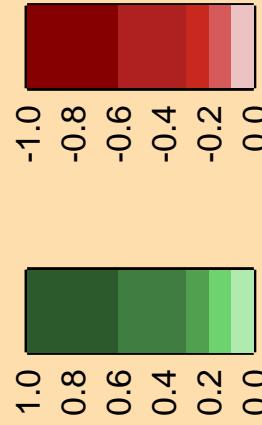


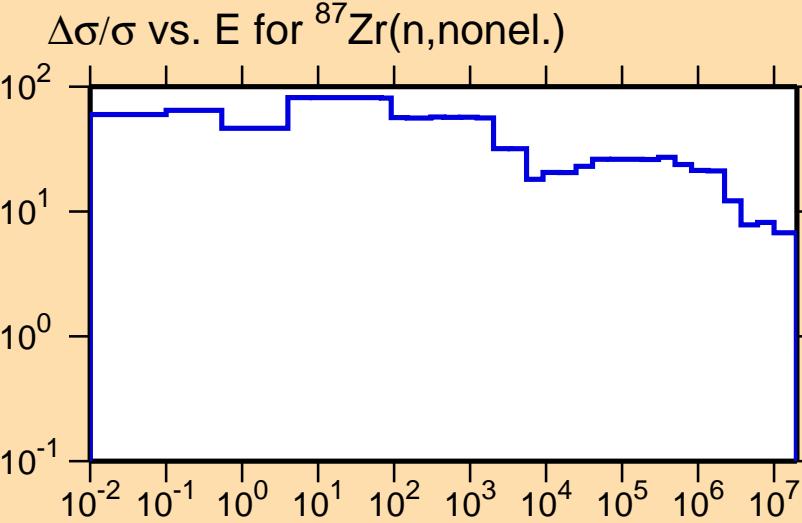
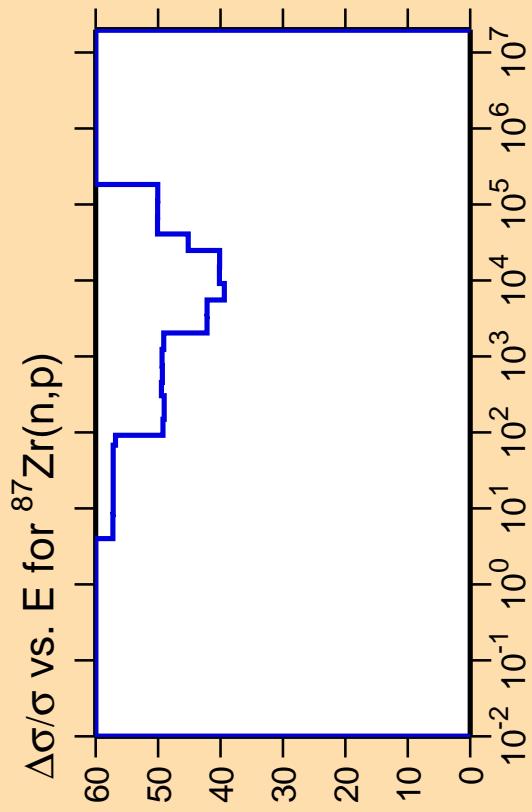


Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.

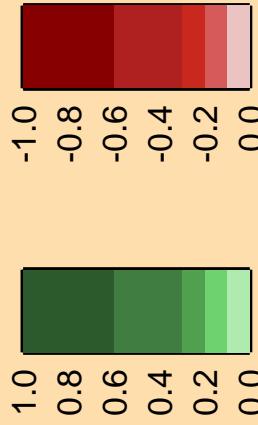


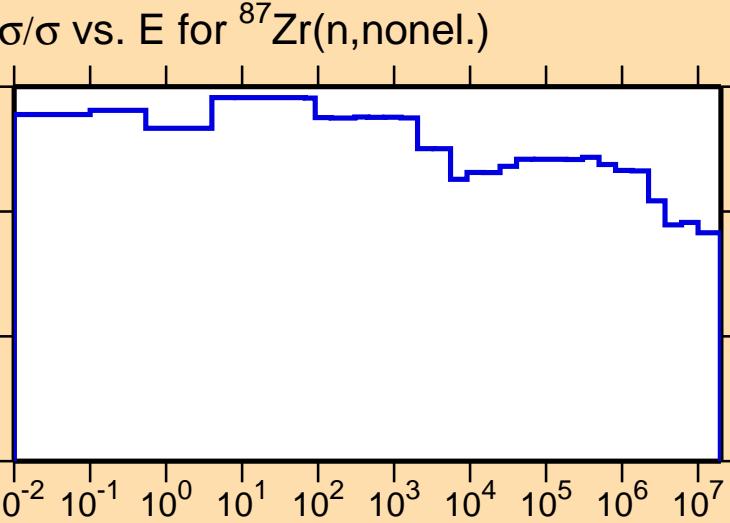
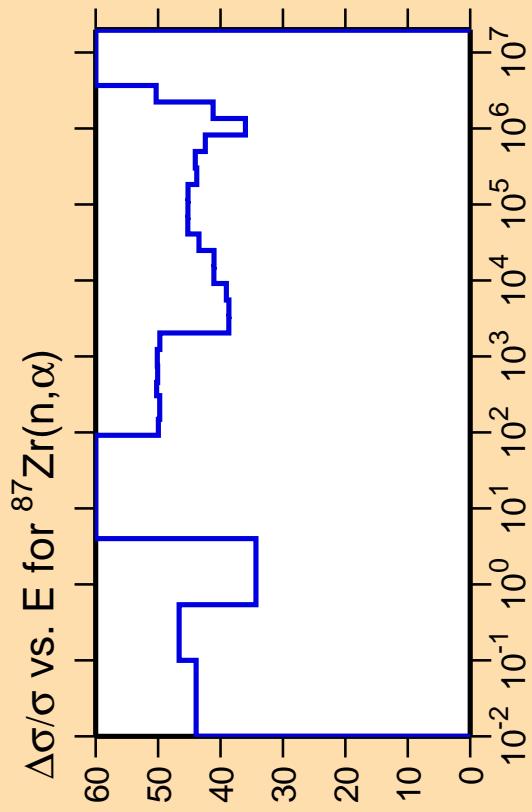


Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).
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data were suppressed.

Correlation Matrix



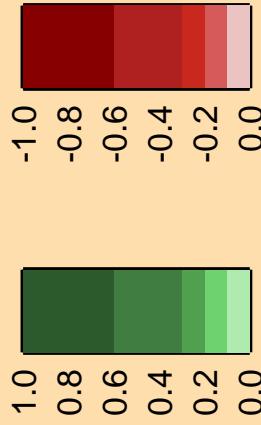


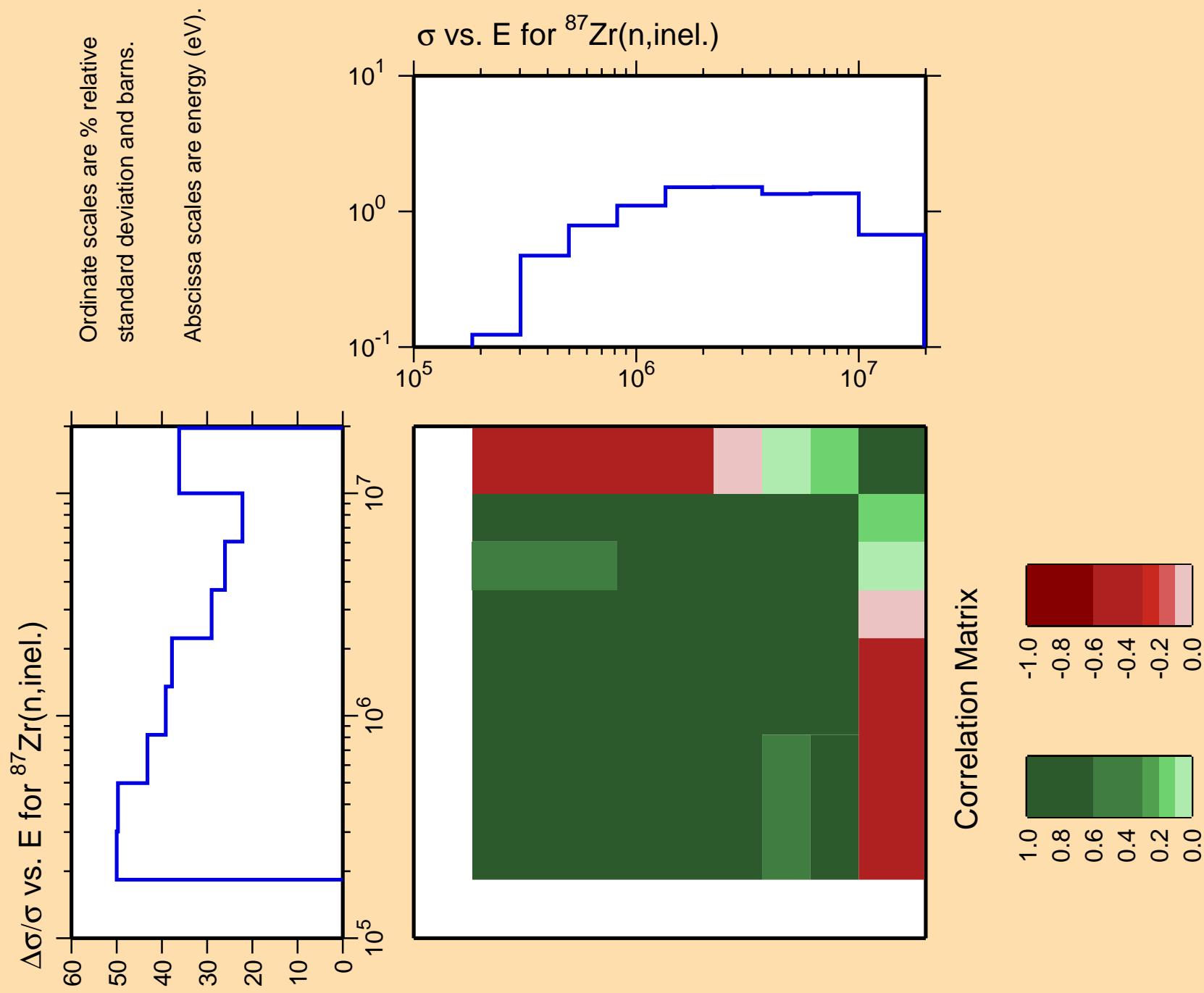
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.

Correlation Matrix



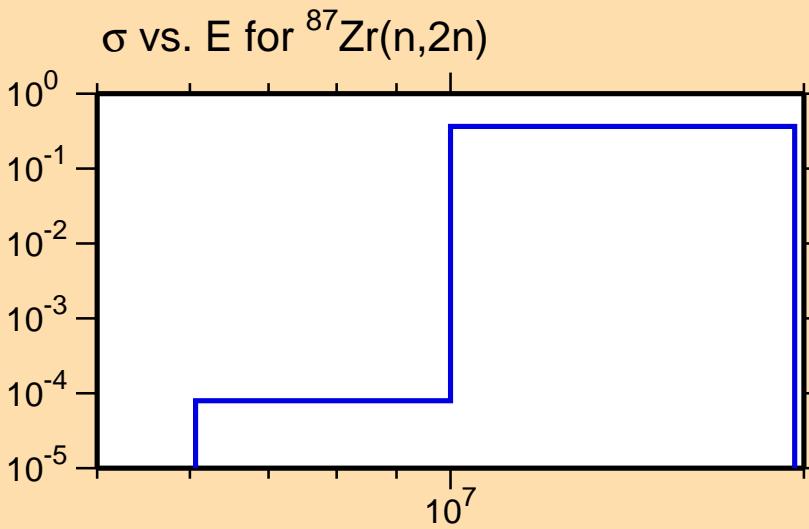


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

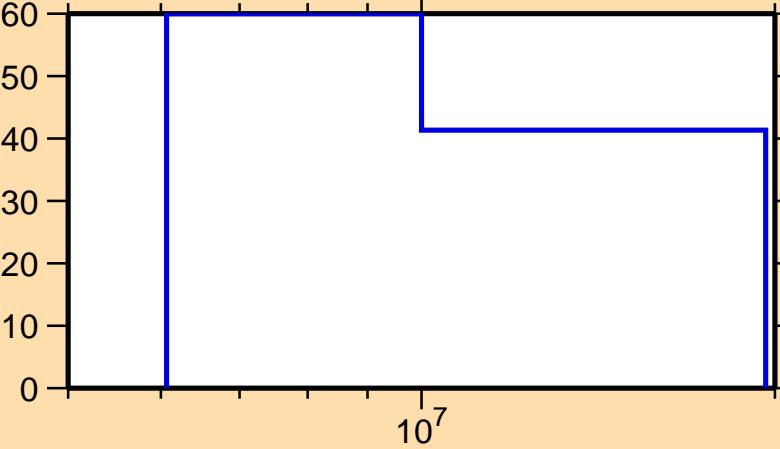


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,n_1)$

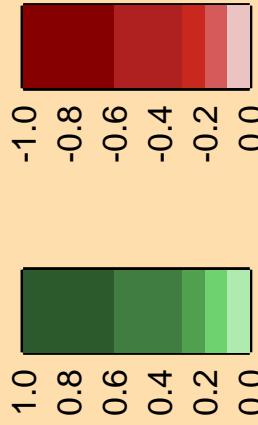
Ordinate scale is %
relative standard deviation.

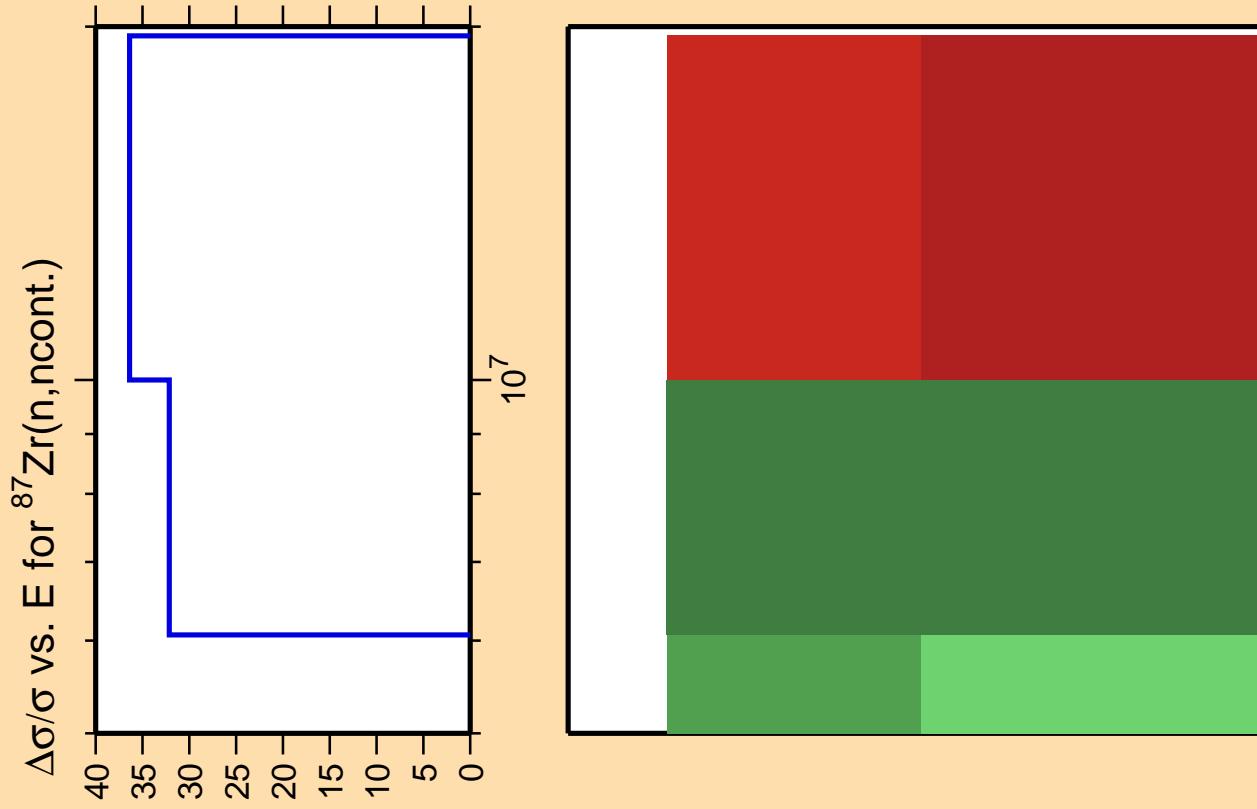
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.

$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n)$



Correlation Matrix

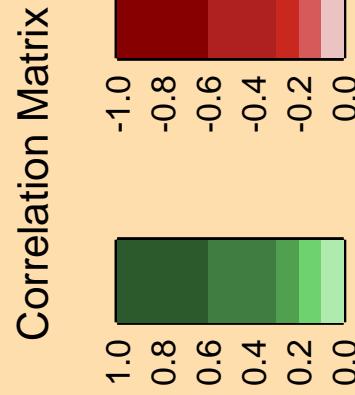
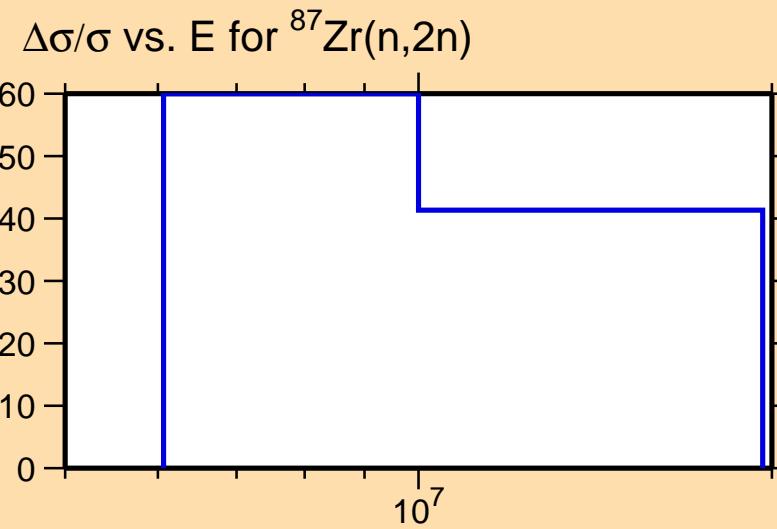


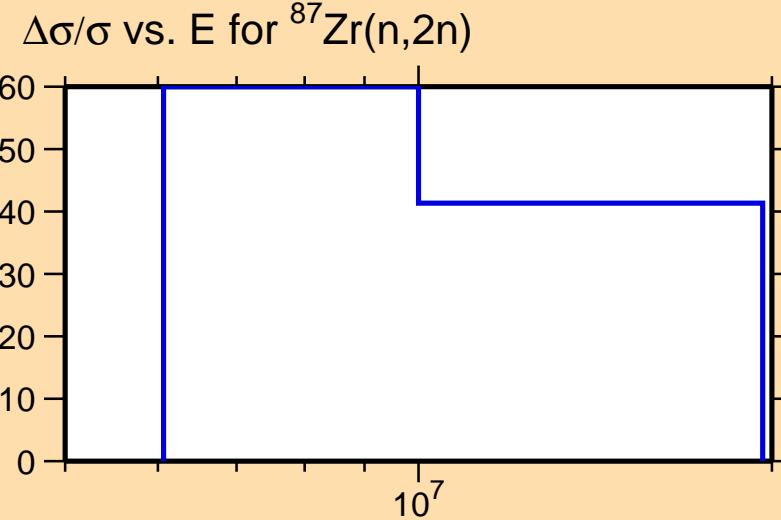
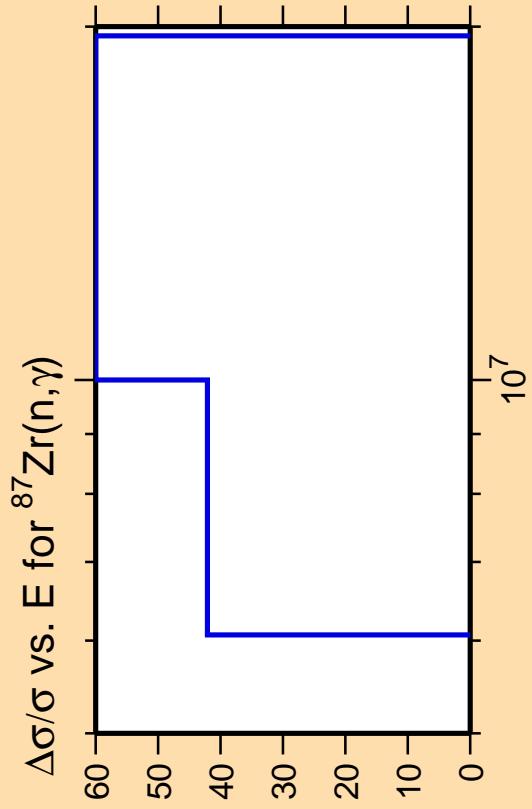


Ordinate scale is %
relative standard deviation.

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

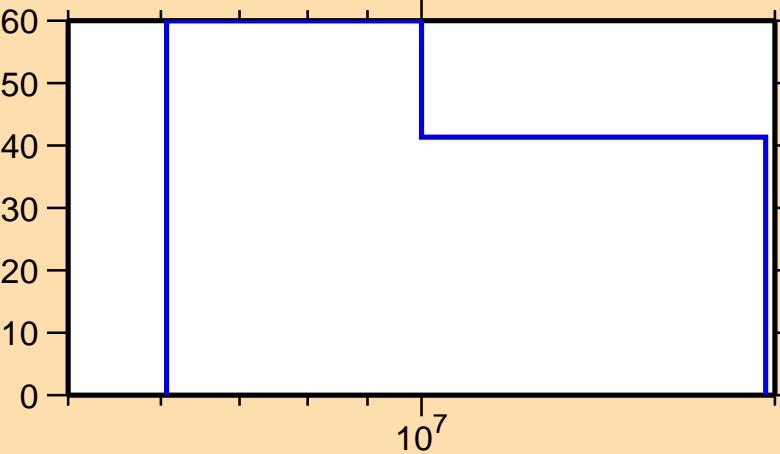


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,p)$

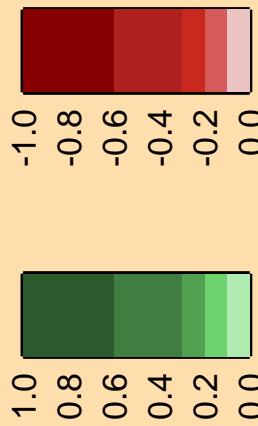
Ordinate scale is %
relative standard deviation.

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

$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n)$



Correlation Matrix

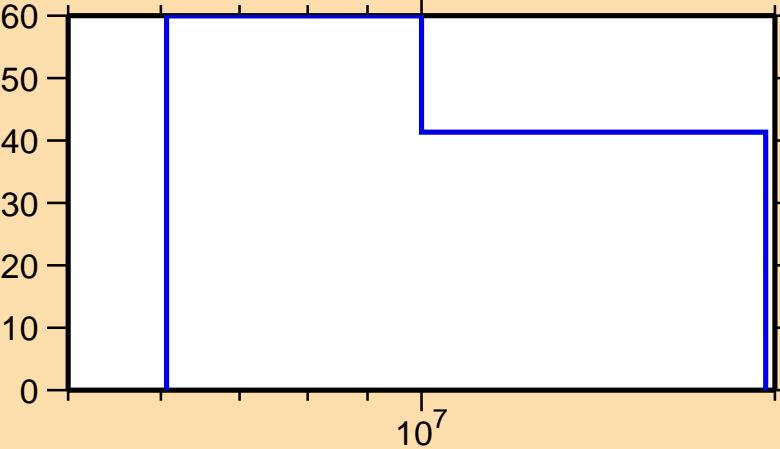


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\alpha)$

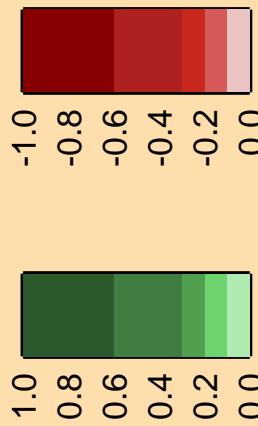
Ordinate scale is %
relative standard deviation.

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

$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n)$



Correlation Matrix

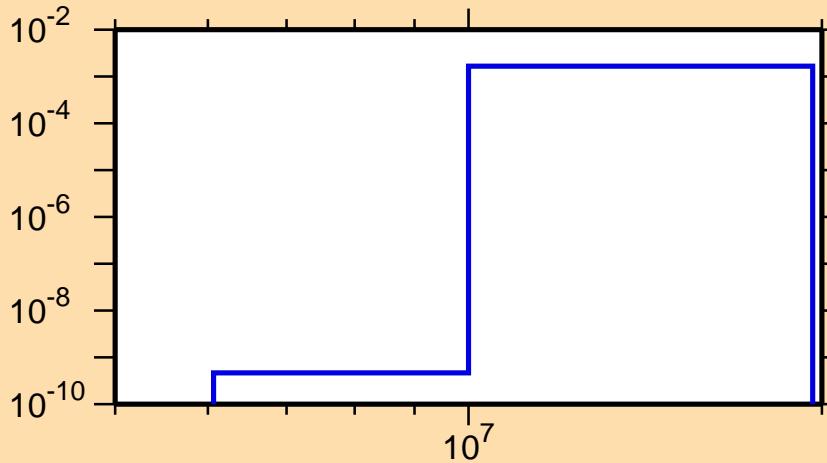


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{n}\alpha)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

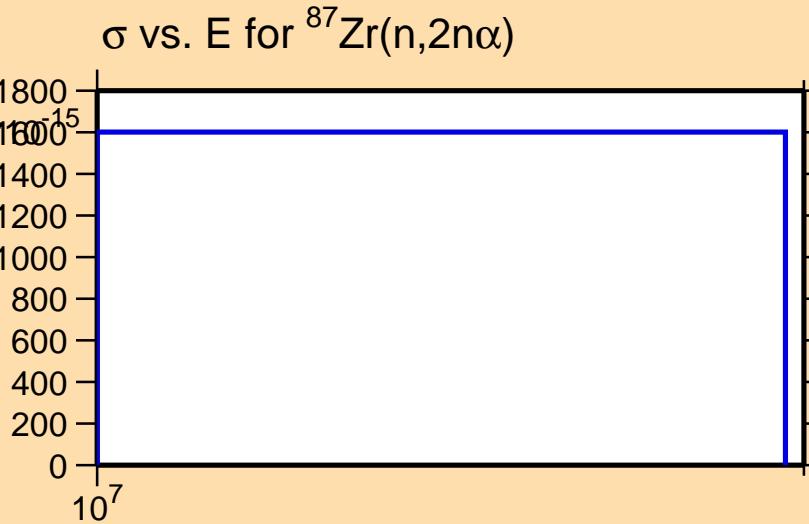


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2n\alpha)$

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

10^7

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



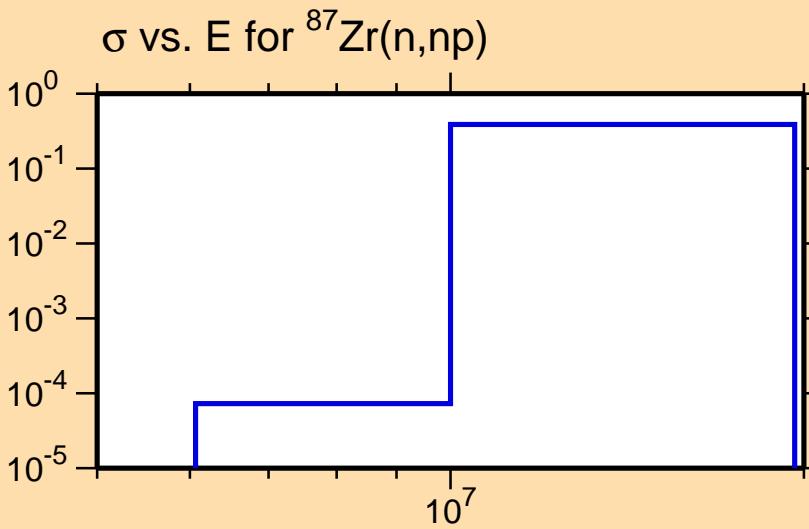
Correlation Matrix



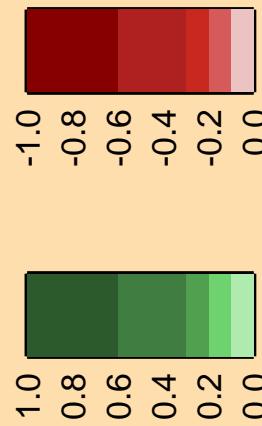
$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{np})$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

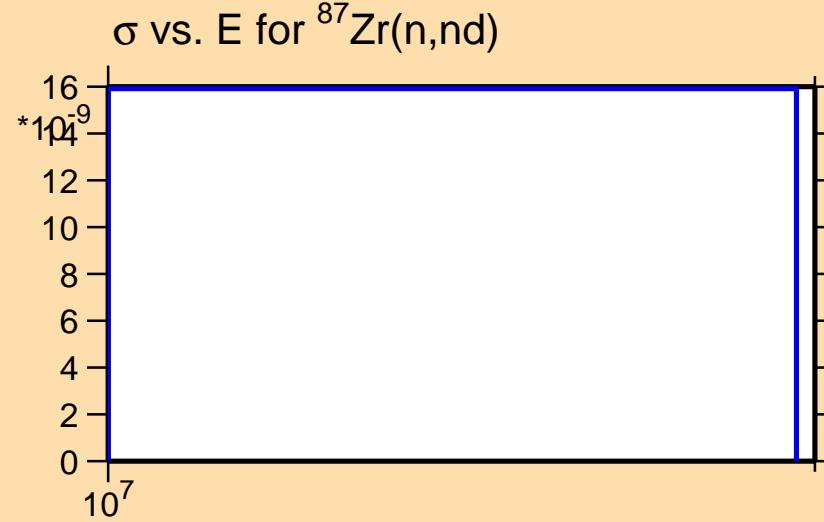


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{nd})$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



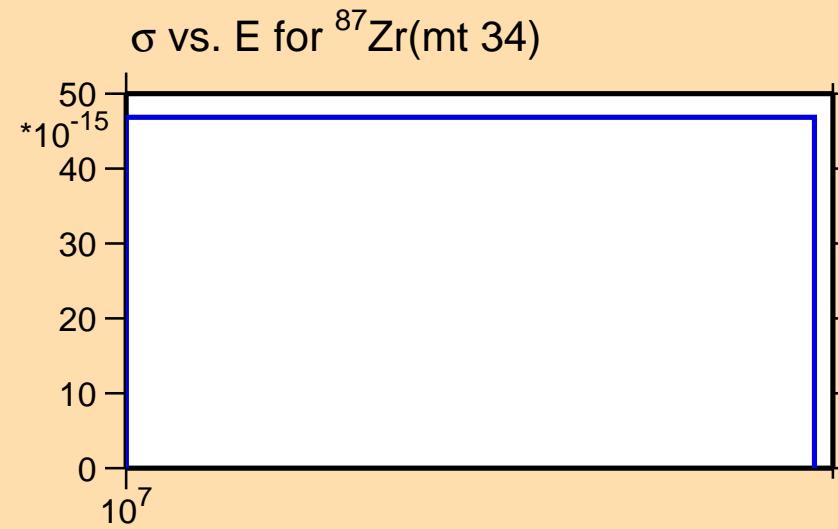
Correlation Matrix



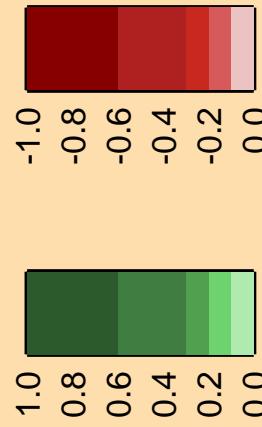
$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(\text{mt 34})$

* 10^{-3}
300
250
200
150
100
50
0

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



Correlation Matrix

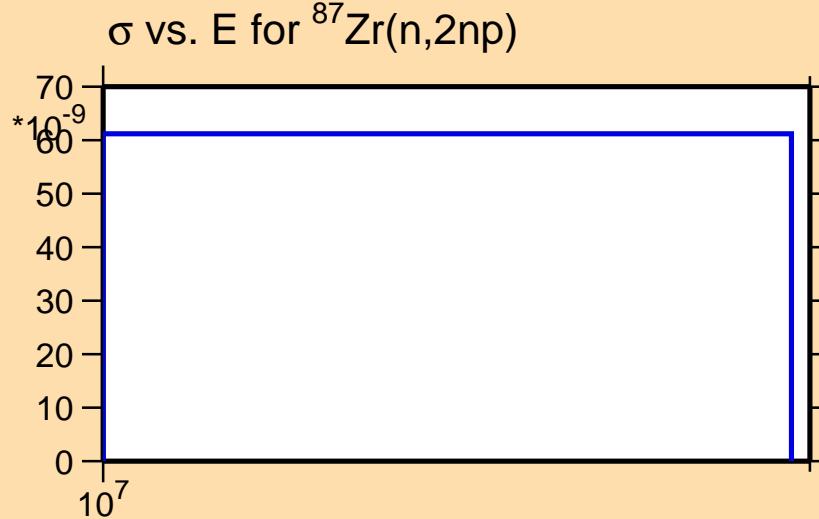
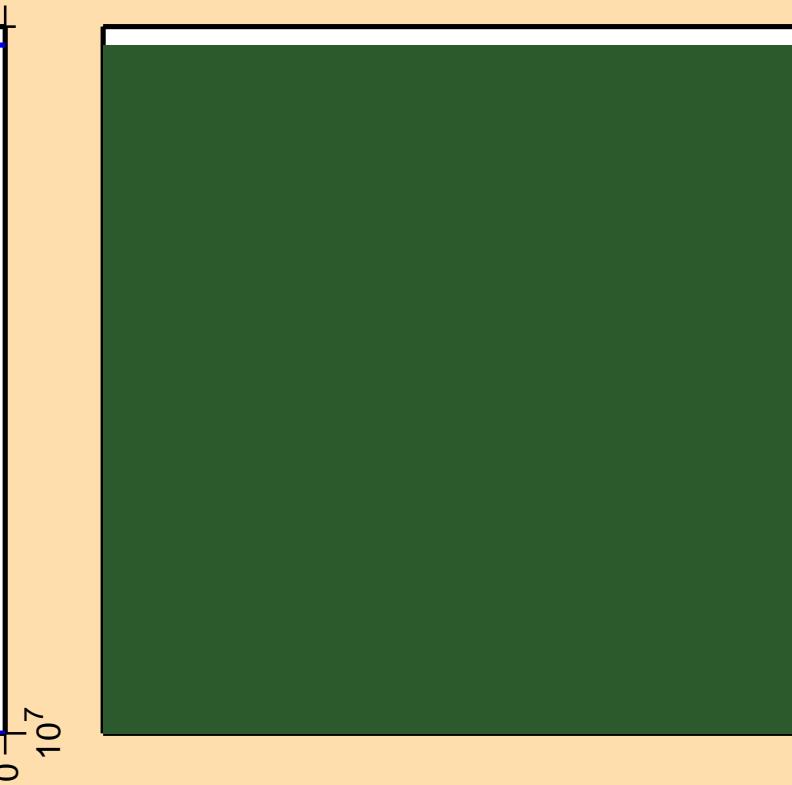


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,2\text{np})$

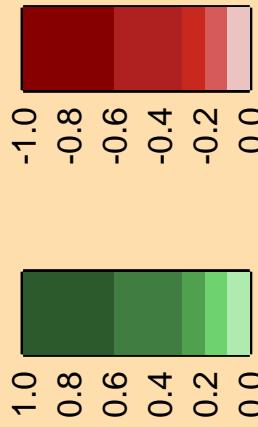
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

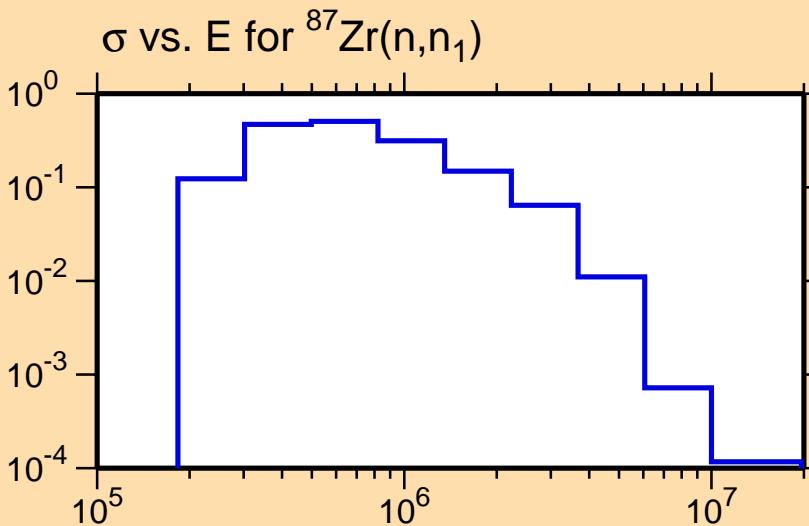


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,n_1)$

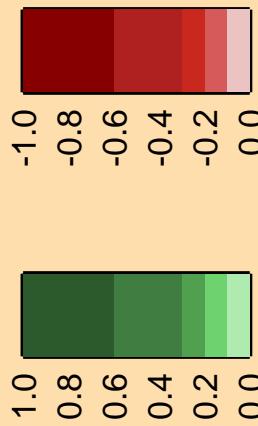
Ordinate scales are % relative
standard deviation and barns.

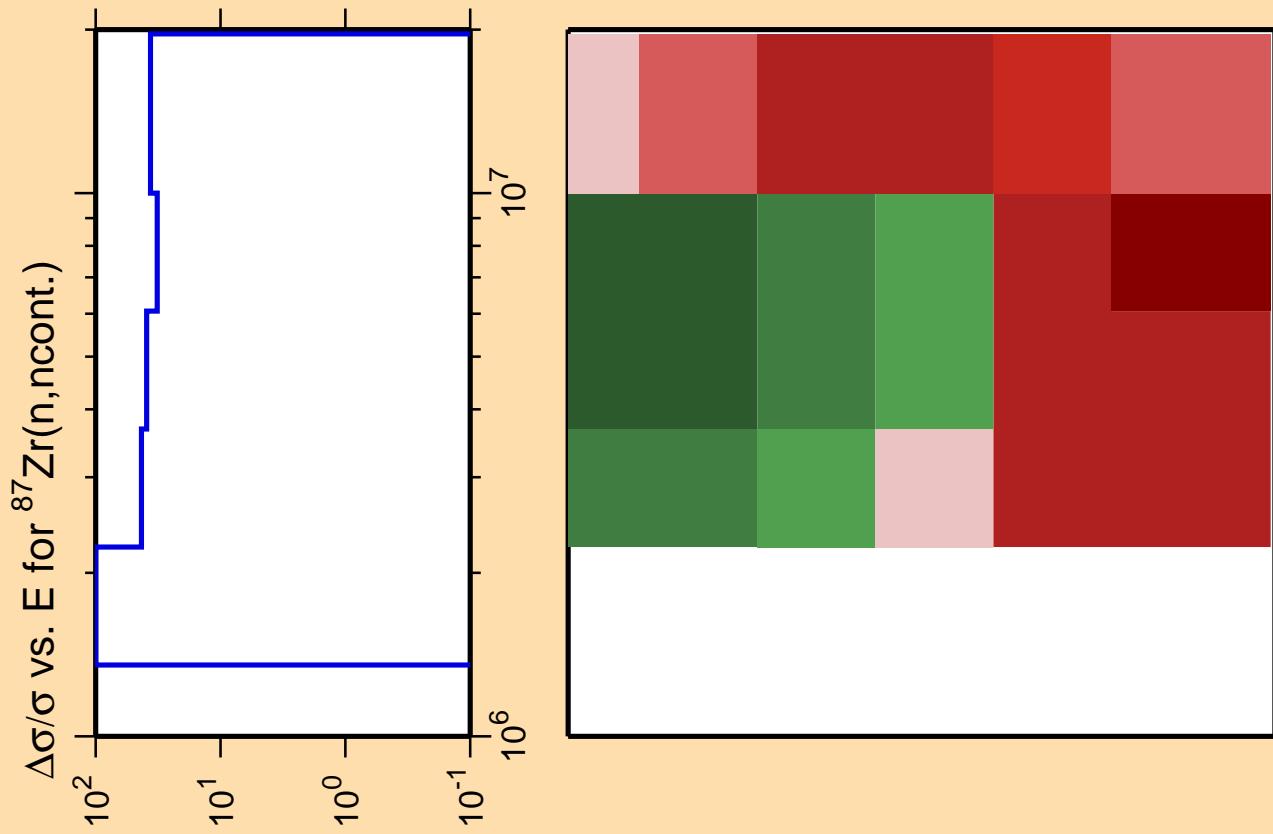
Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.

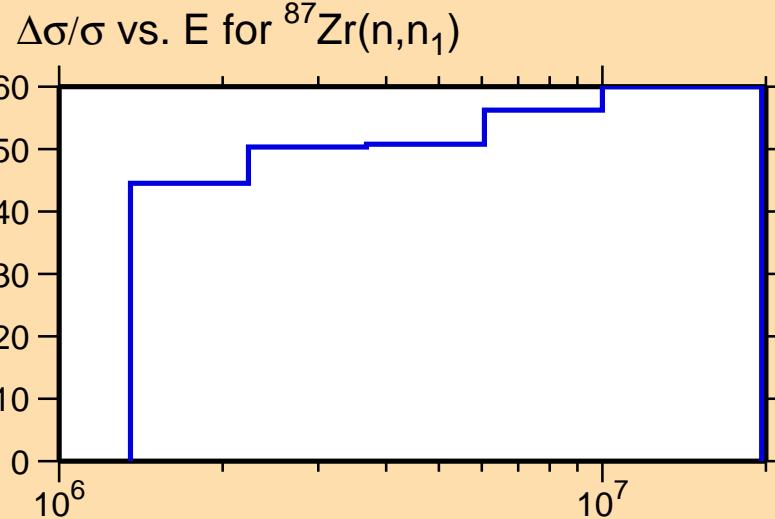
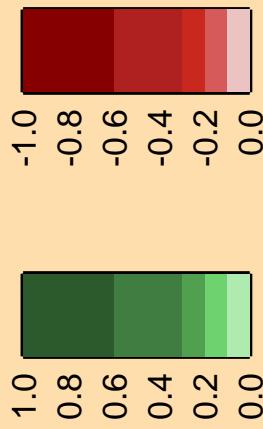


Correlation Matrix



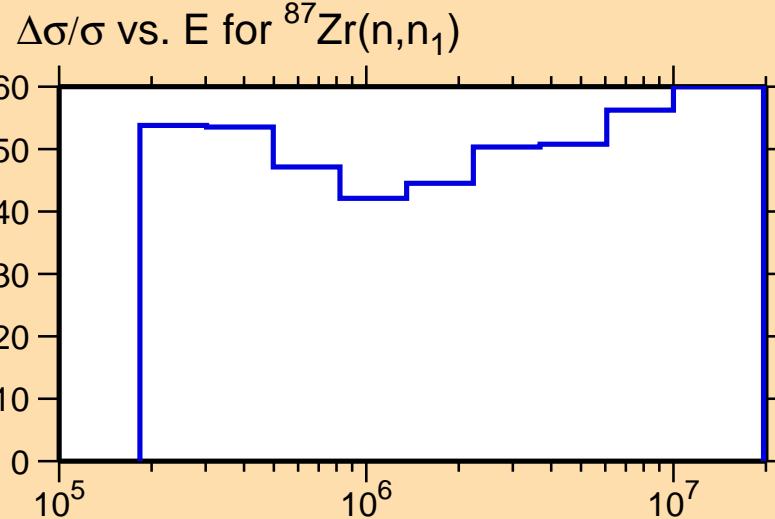
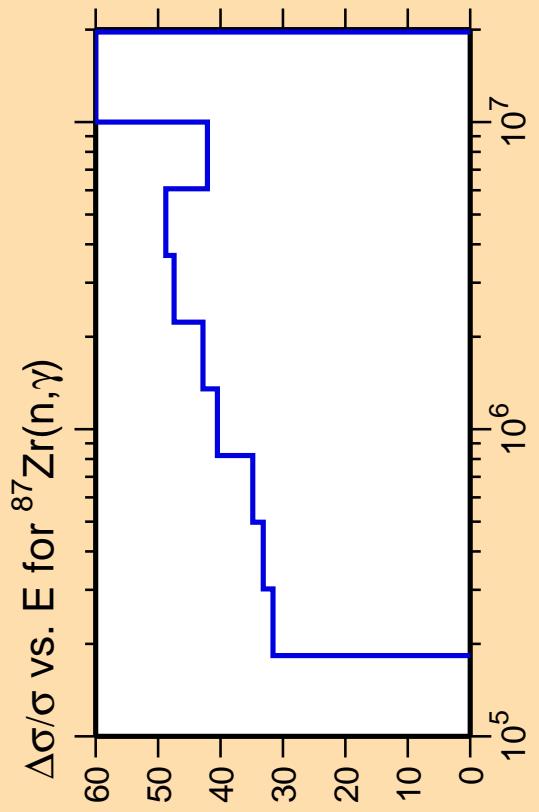


Correlation Matrix



Ordinate scale is %
relative standard deviation.

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

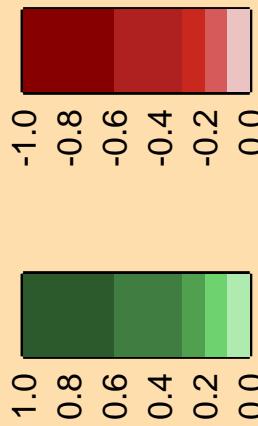


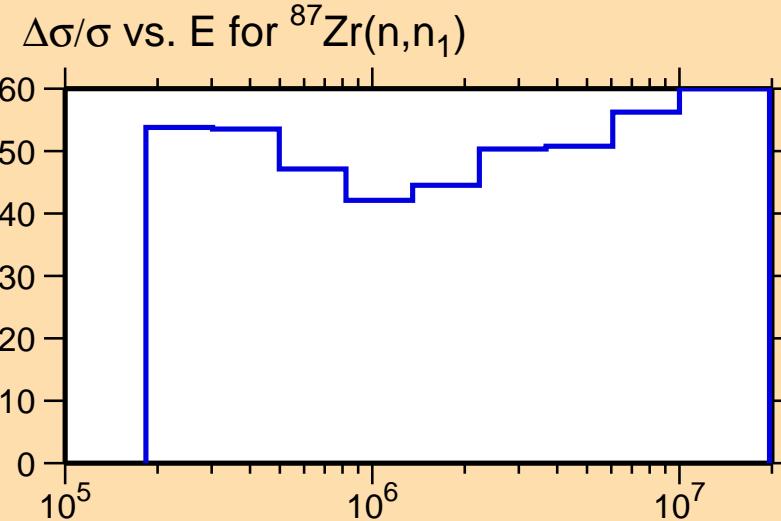
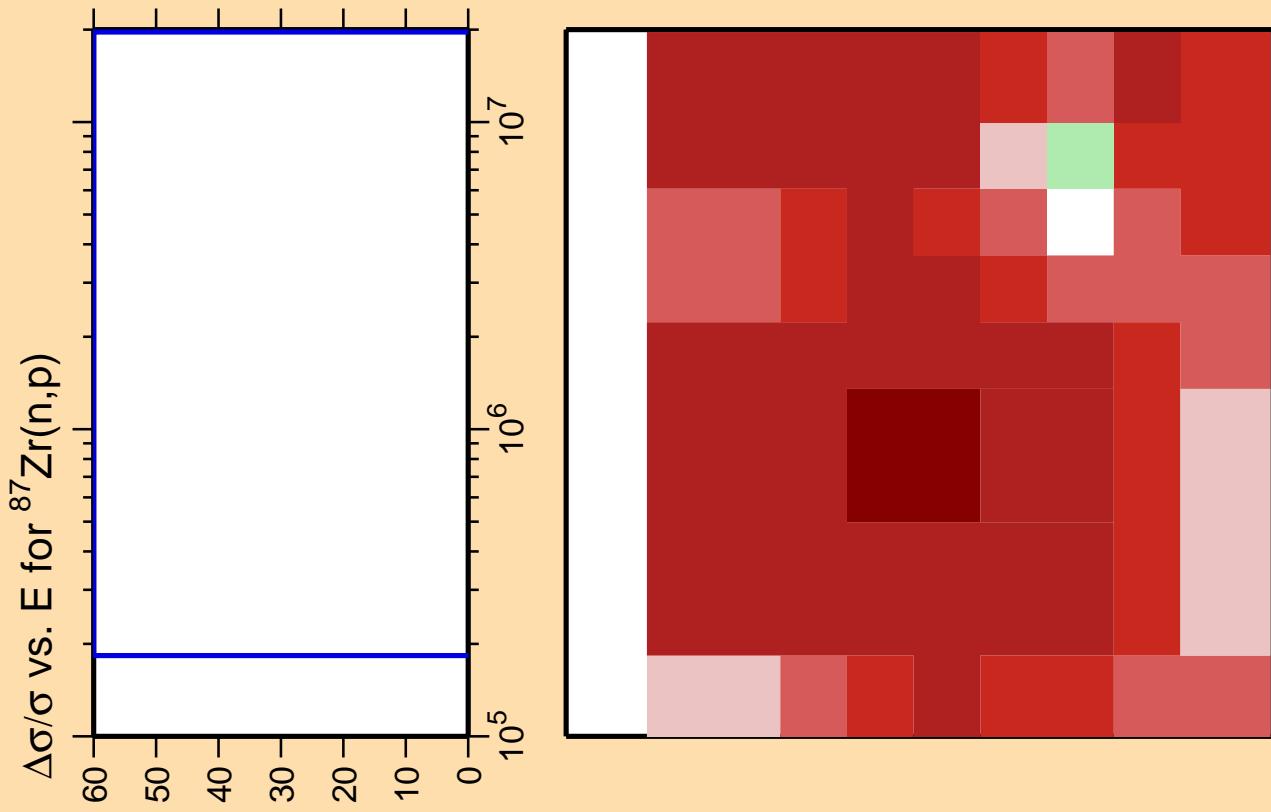
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.

Correlation Matrix

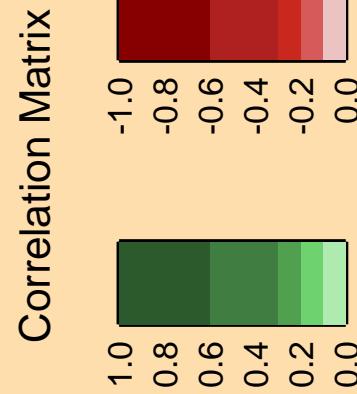


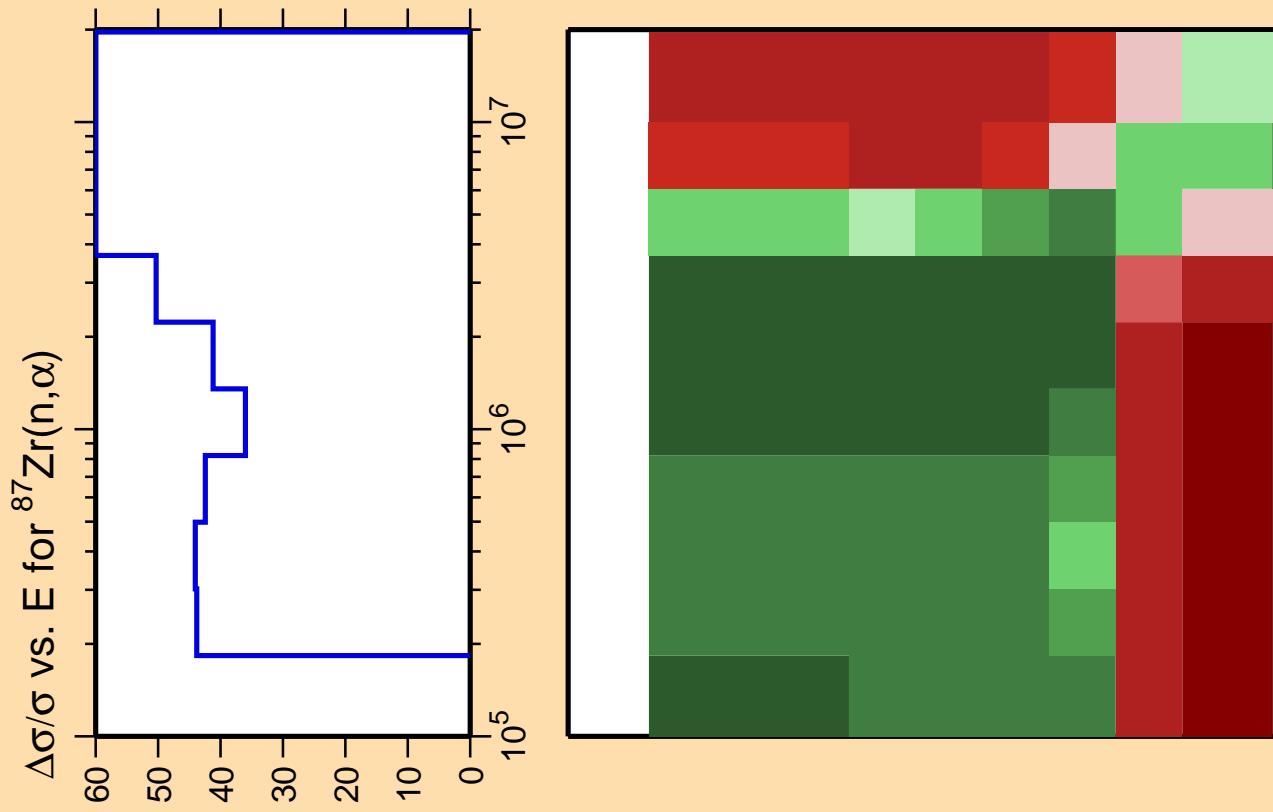


Ordinate scale is % relative standard deviation.

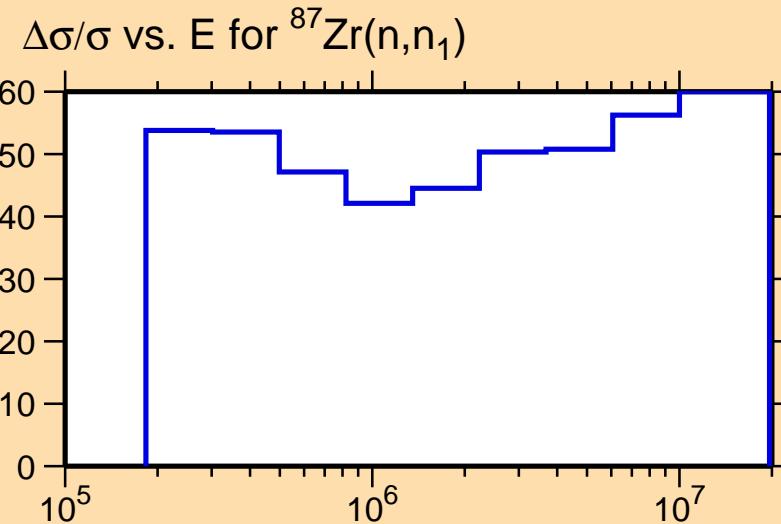
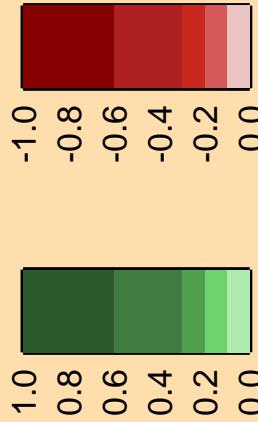
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

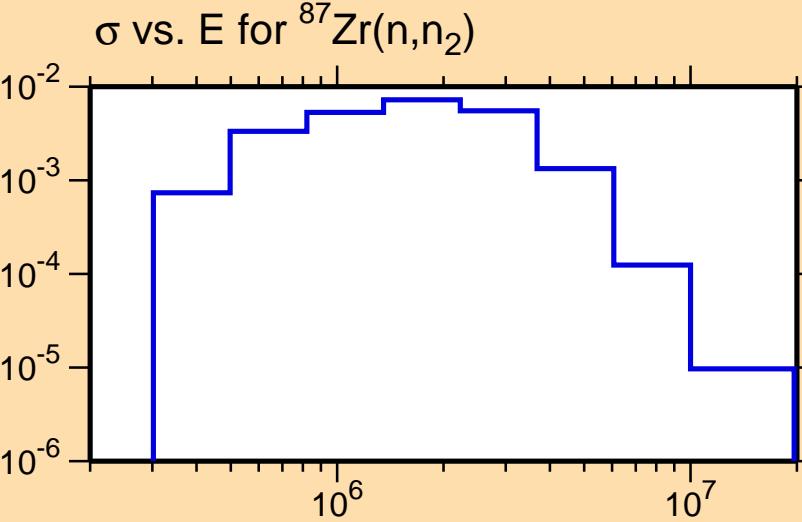
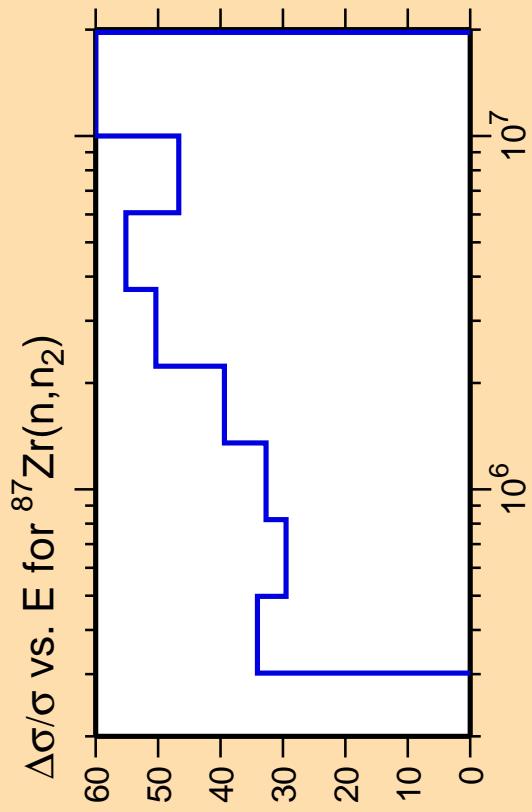




Correlation Matrix

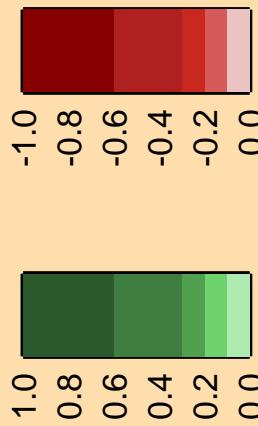


Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty data were suppressed.



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

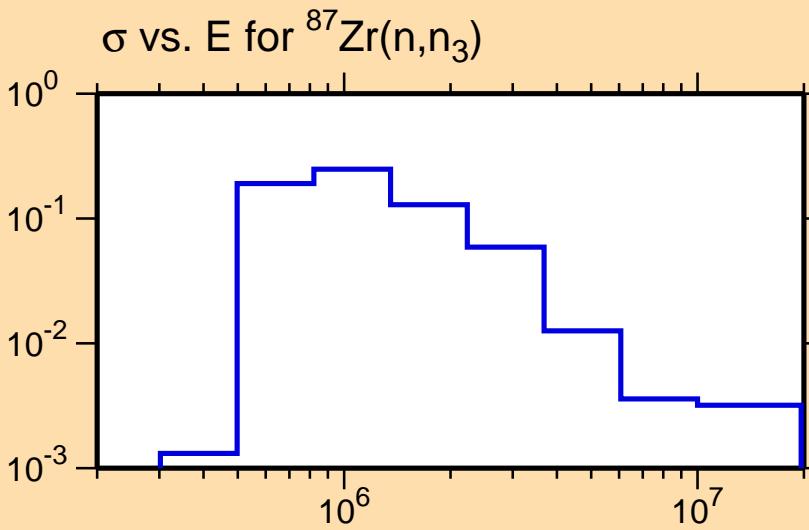
Correlation Matrix



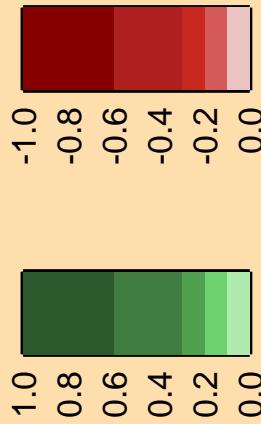
$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,n_3)$

Ordinate scales are % relative
standard deviation and barns.

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



Correlation Matrix

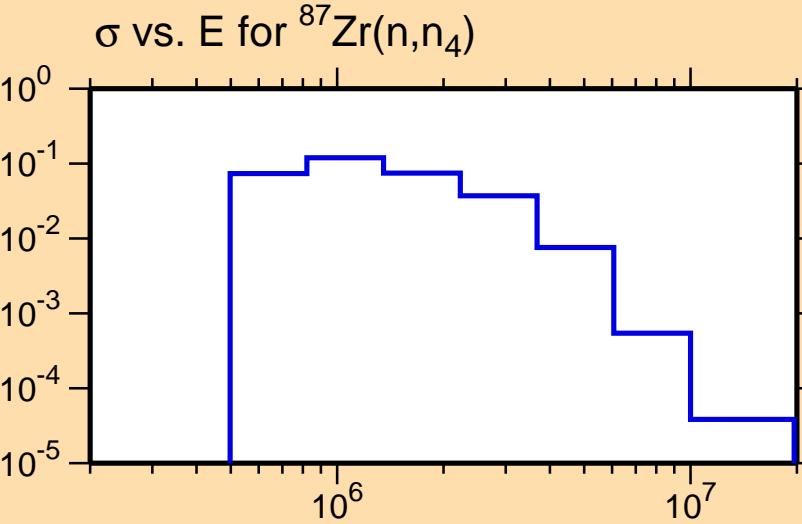


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,n_4)$

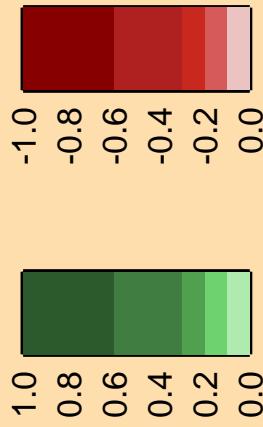
Ordinate scales are % relative
standard deviation and barns.

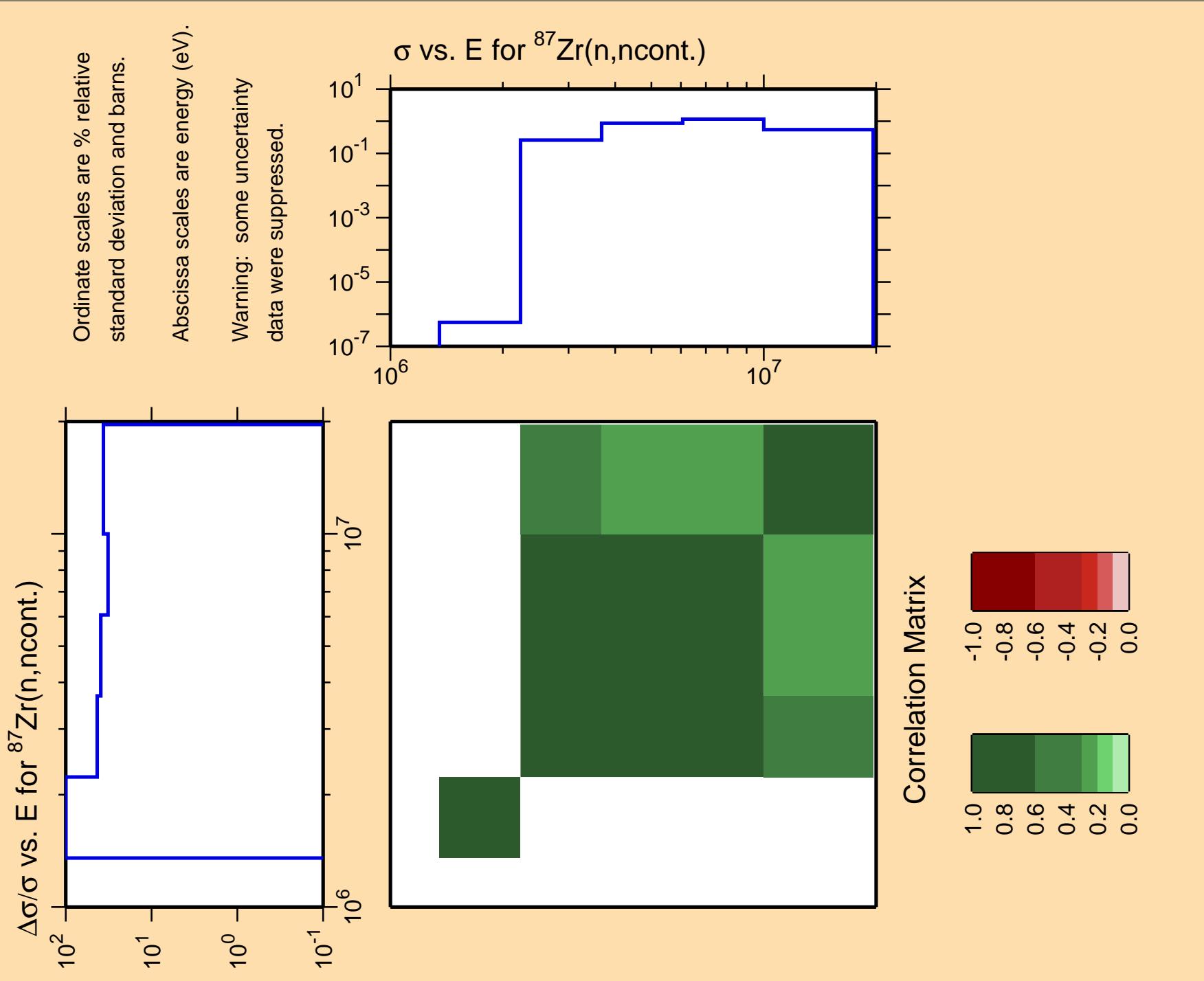
Abscissa scales are energy (eV).

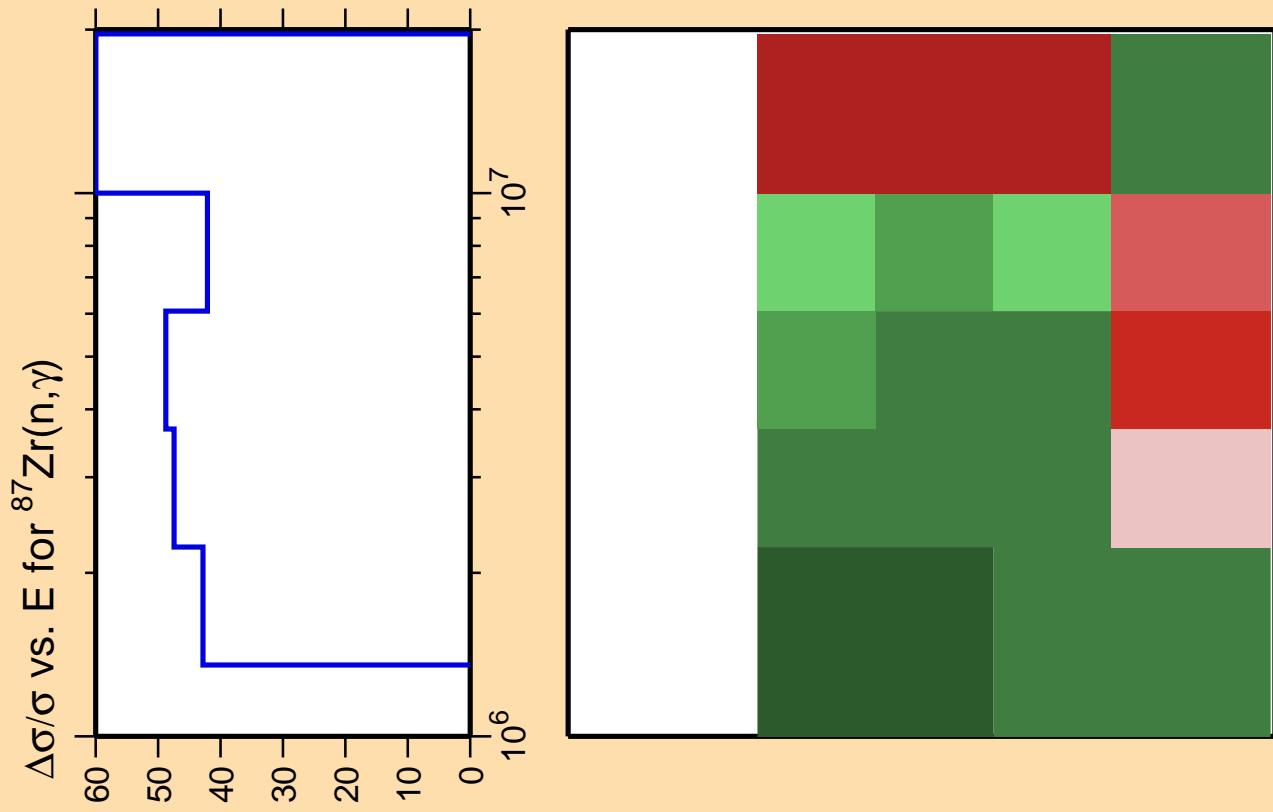
Warning: some uncertainty
data were suppressed.



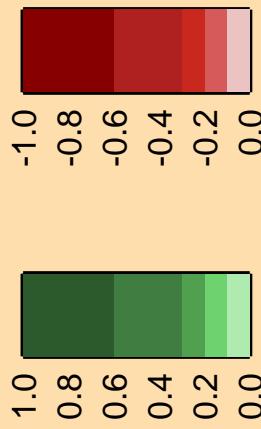
Correlation Matrix



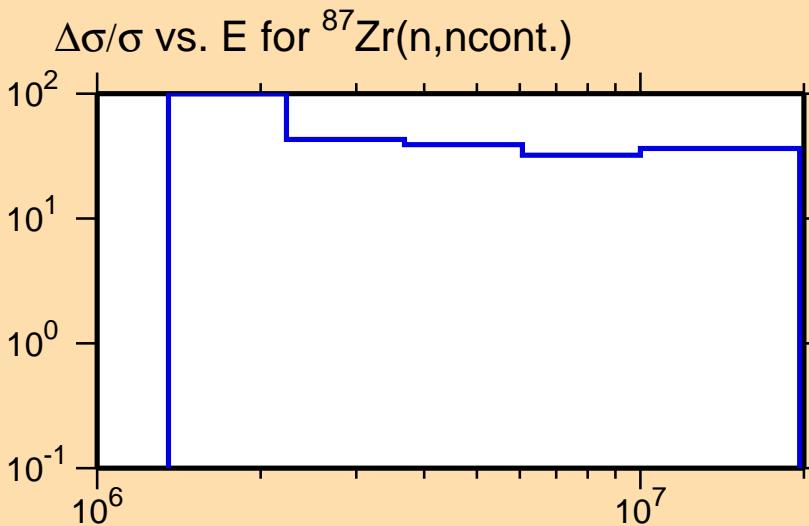


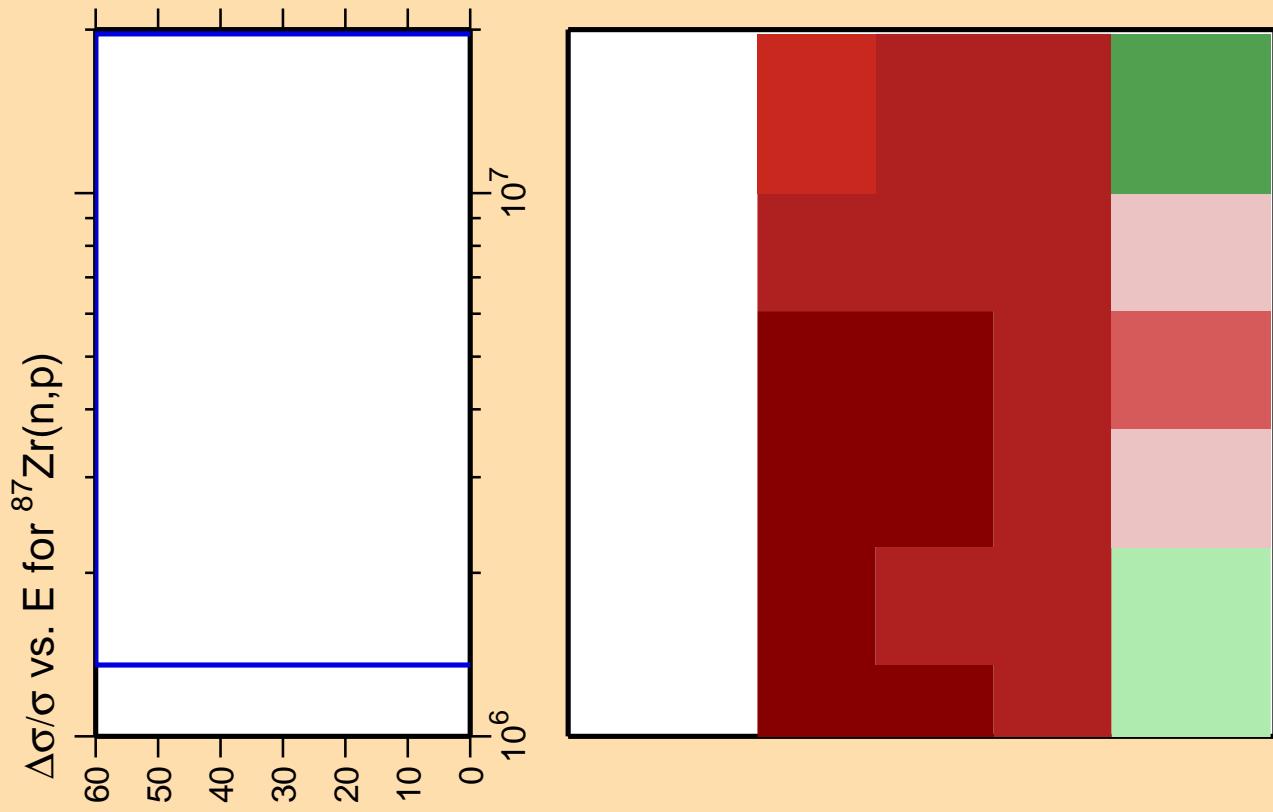


Correlation Matrix

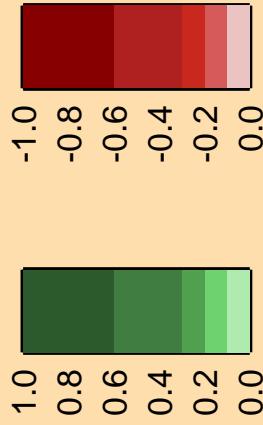


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.





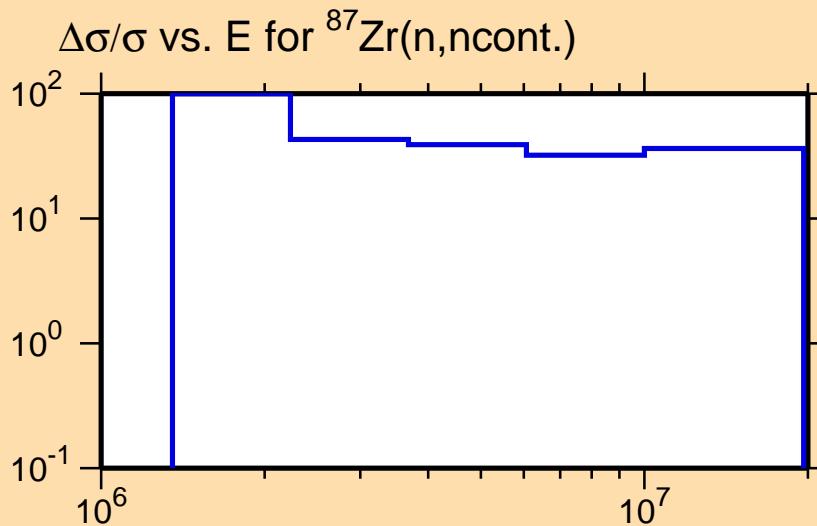
Correlation Matrix

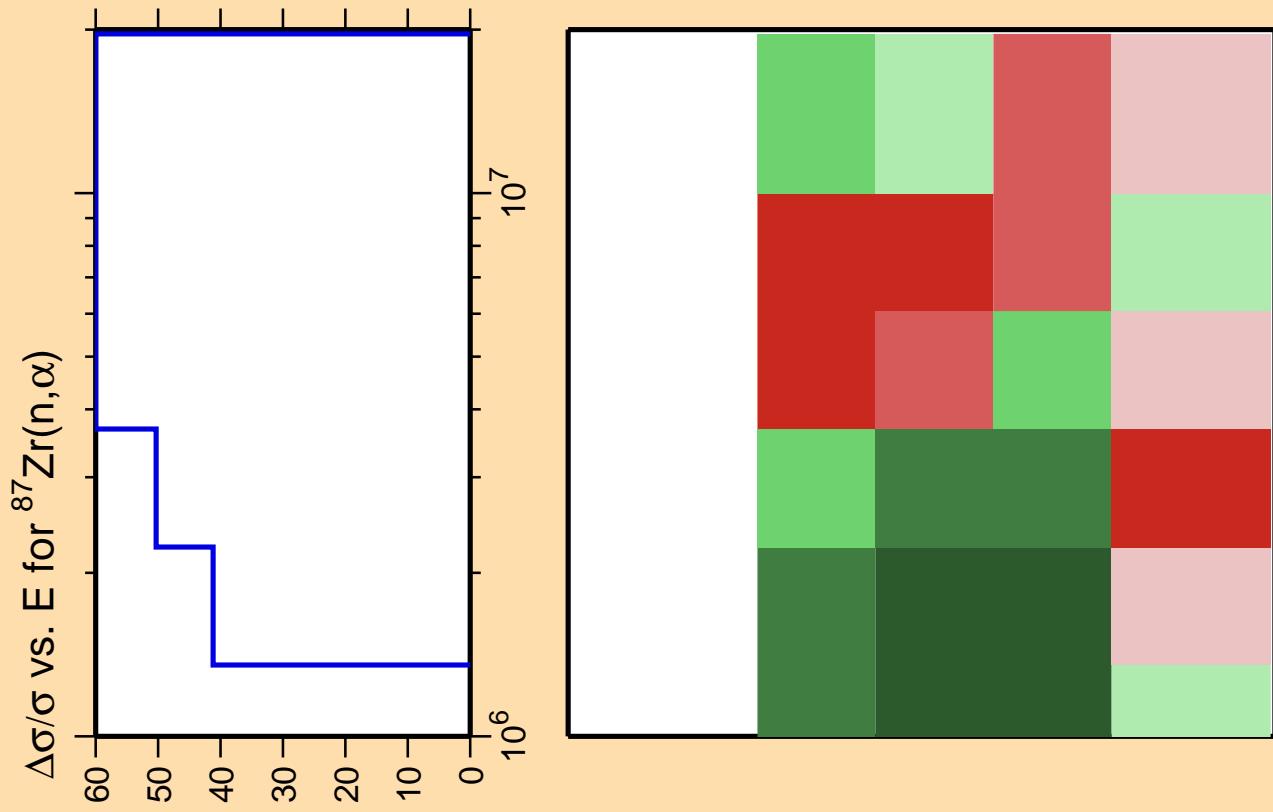


Ordinate scale is % relative standard deviation.

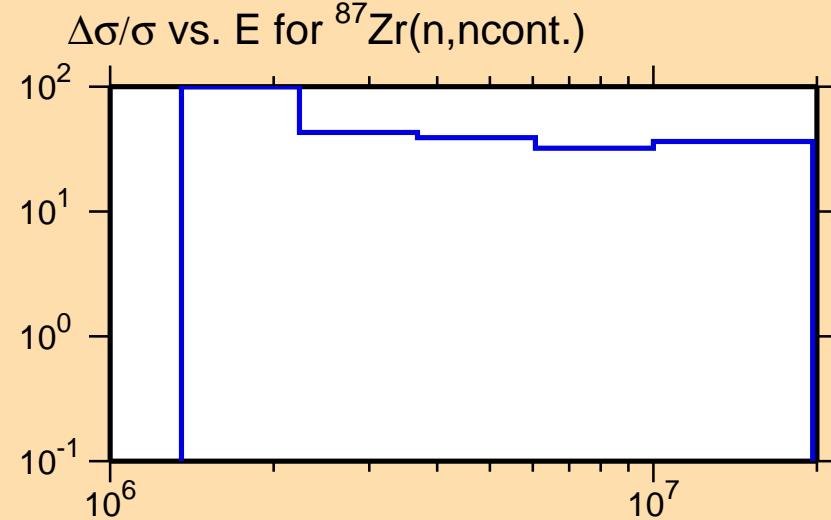
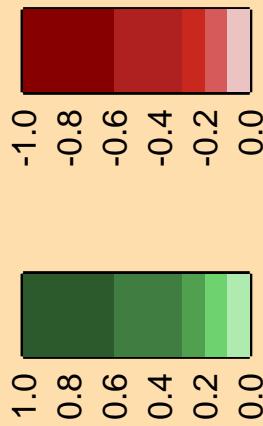
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.





Correlation Matrix



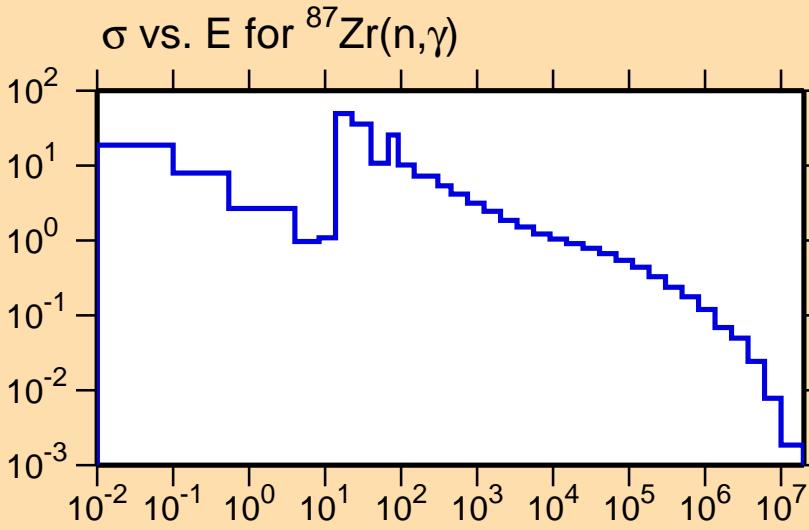
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty data were suppressed.

$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\gamma)$

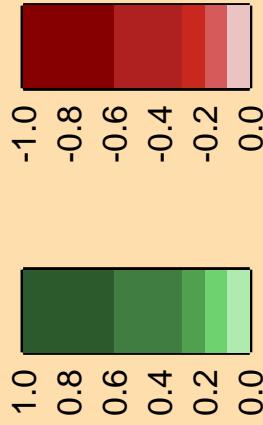
Ordinate scales are % relative
standard deviation and barns.

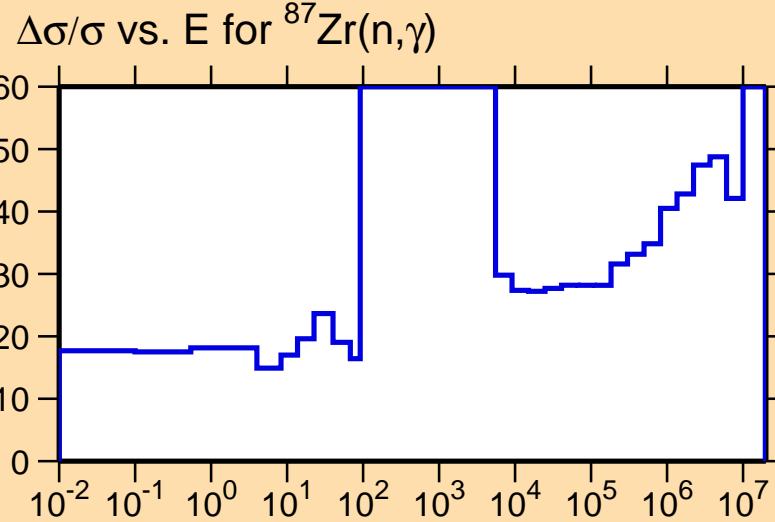
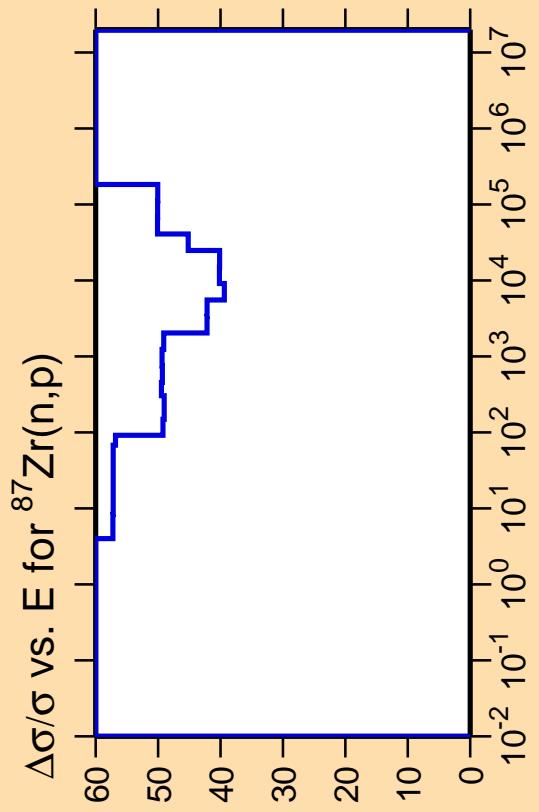
Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

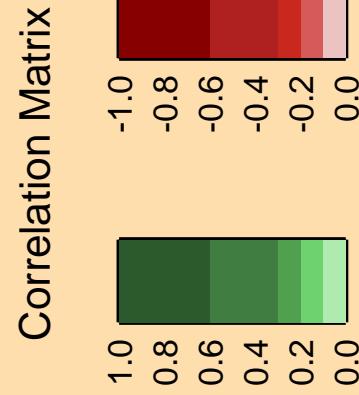


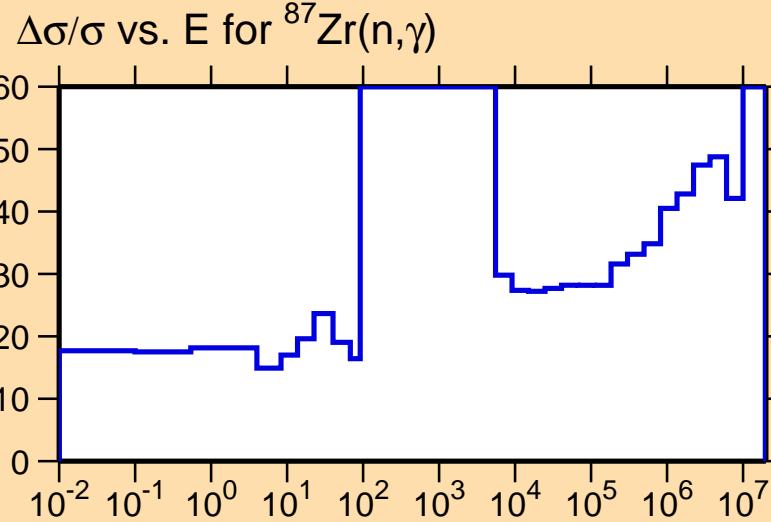
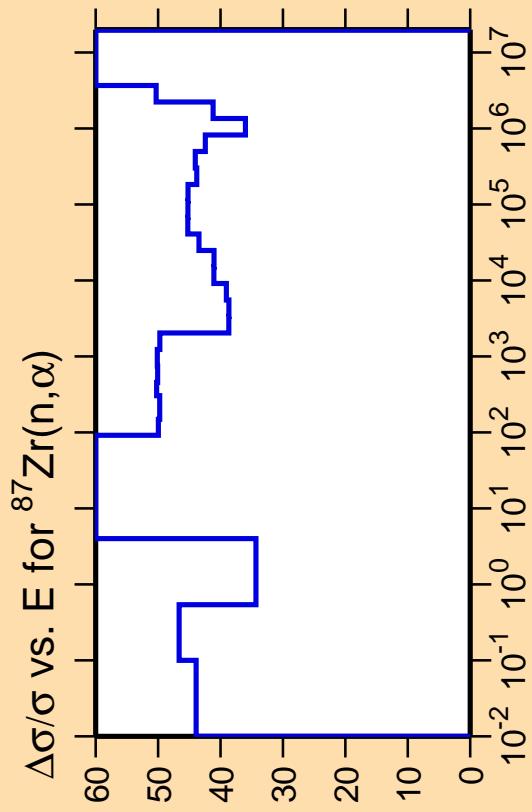


Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

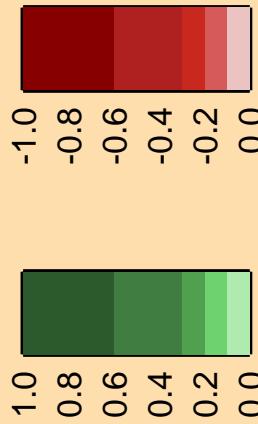
Warning: some uncertainty
data were suppressed.

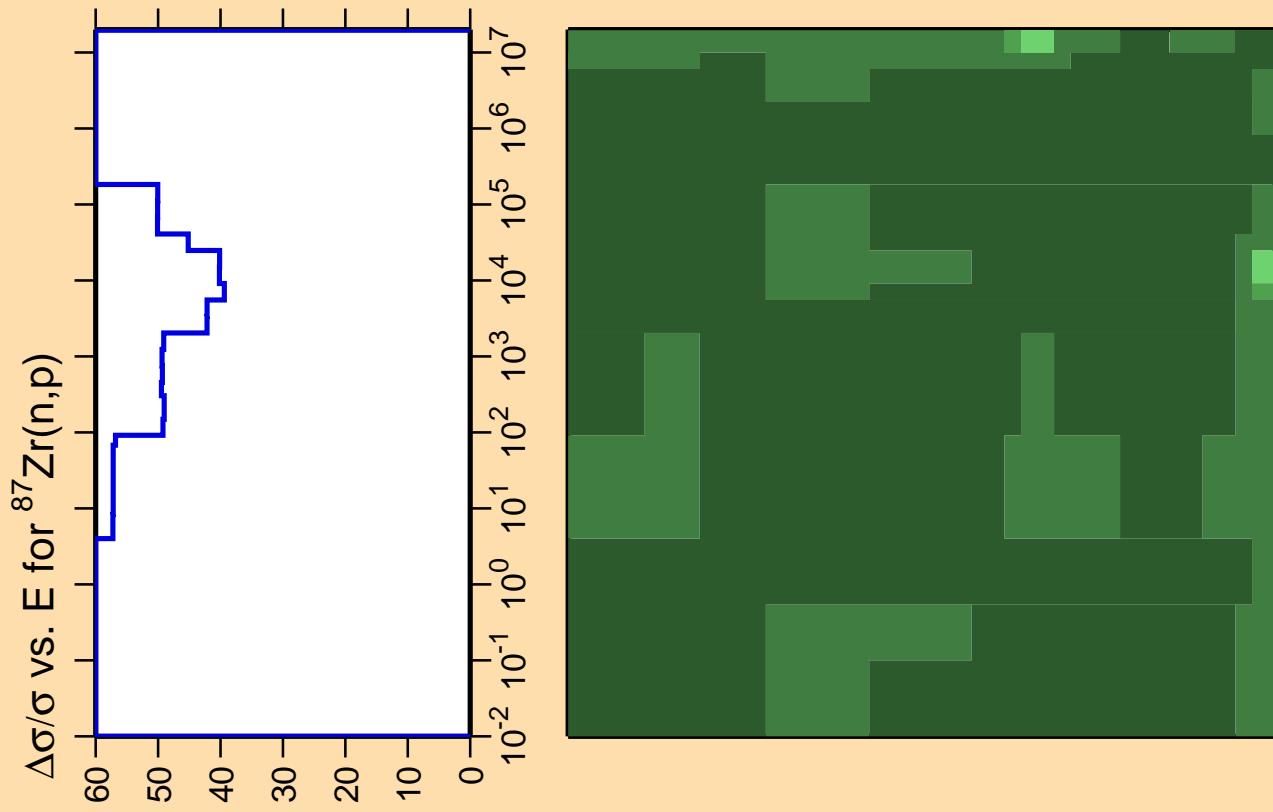




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty
data were suppressed.

Correlation Matrix

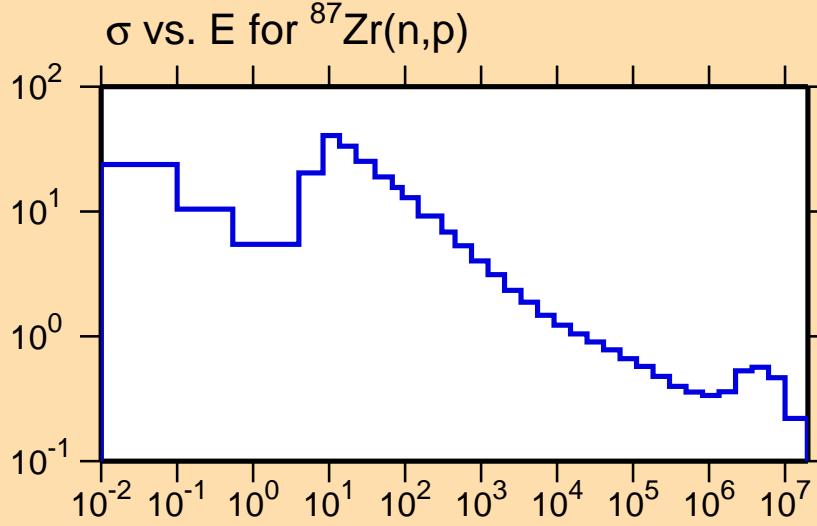




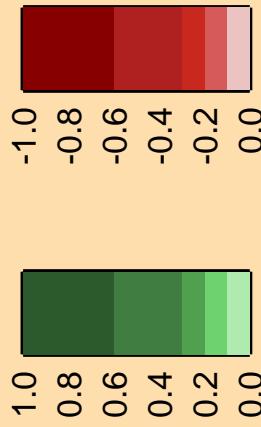
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



Correlation Matrix

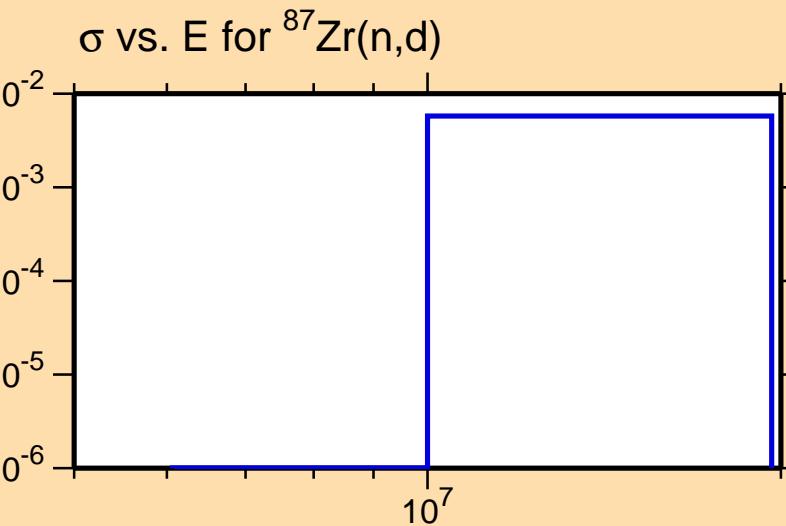


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(\text{n},\text{d})$

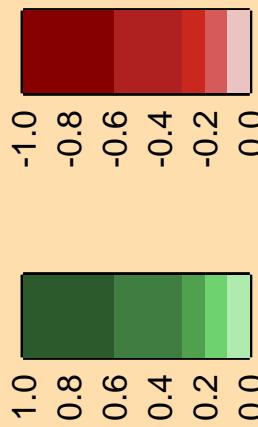
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

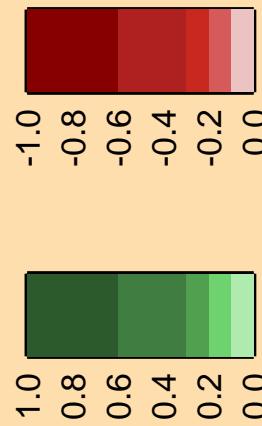
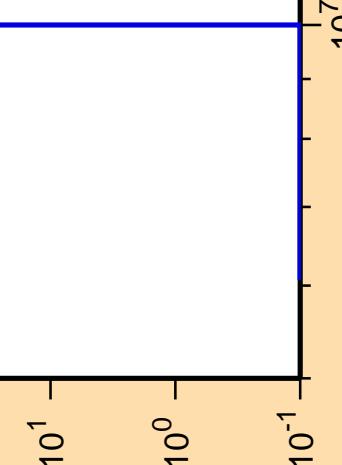
Warning: some uncertainty
data were suppressed.

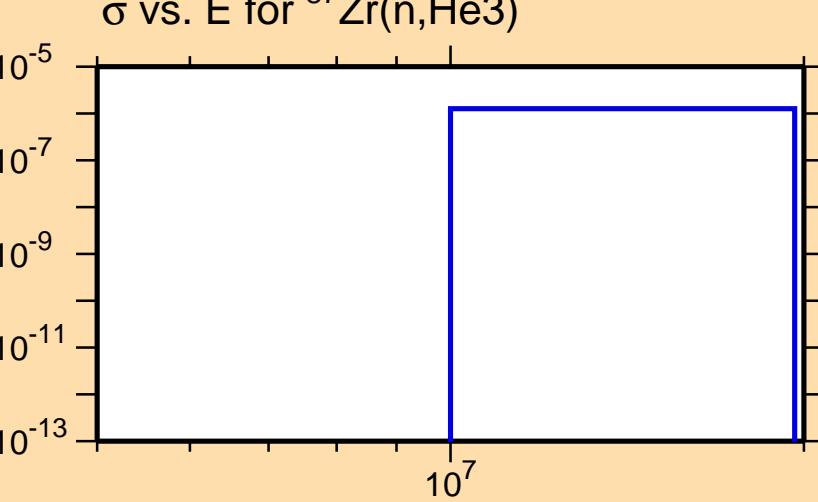
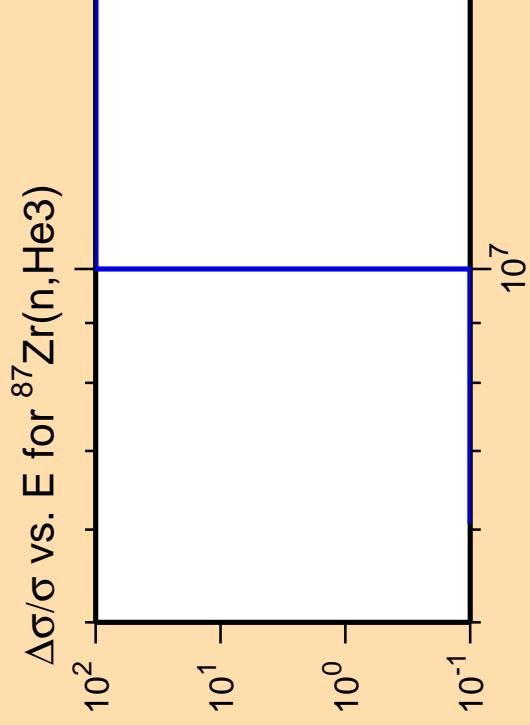


Correlation Matrix

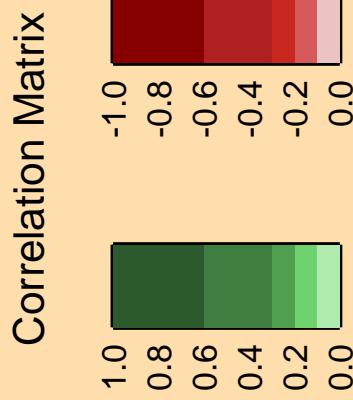


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,t)$





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

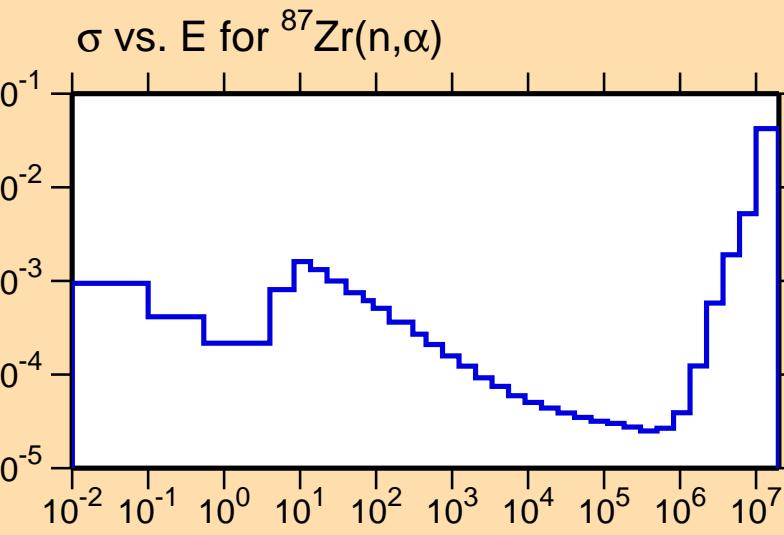


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\alpha)$

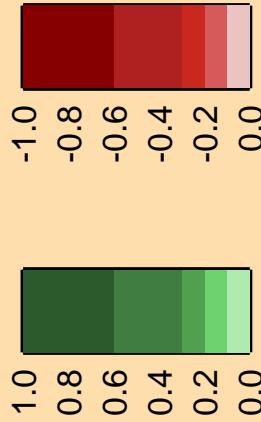
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

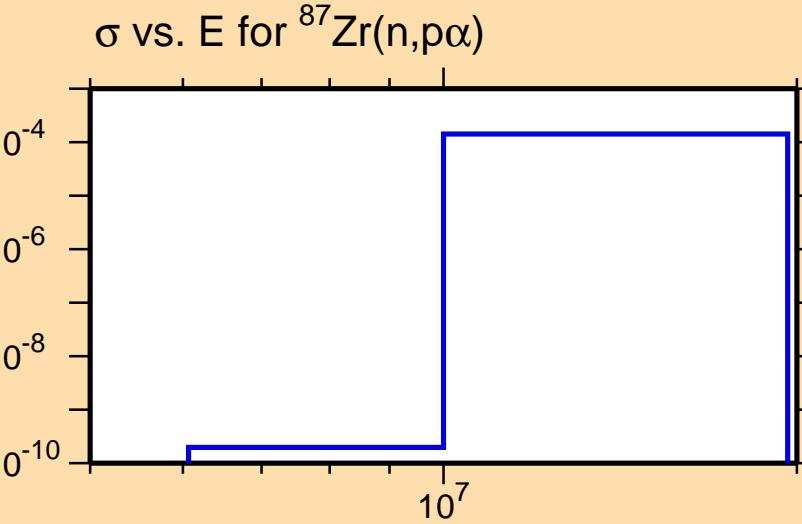


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{p}\alpha)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



Correlation Matrix

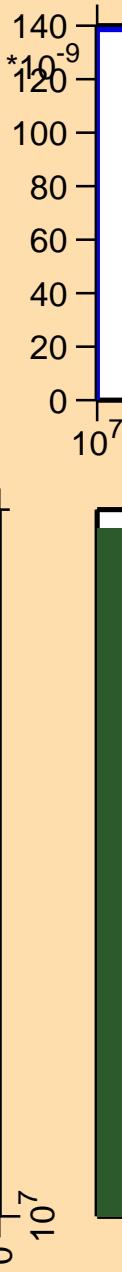


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{pd})$

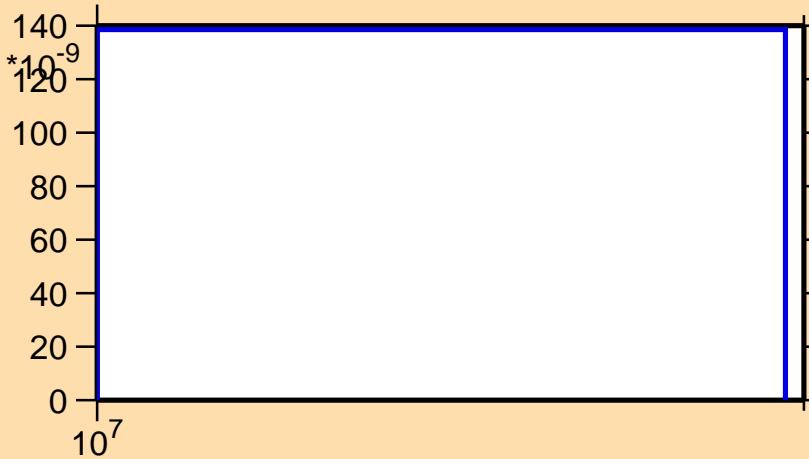
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

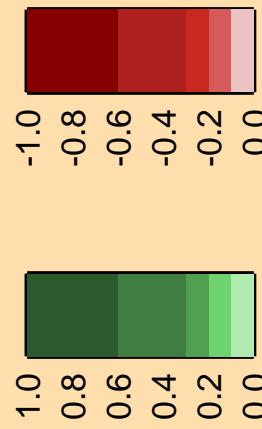
Warning: some uncertainty
data were suppressed.



σ vs. E for $^{87}\text{Zr}(n,\text{pd})$



Correlation Matrix

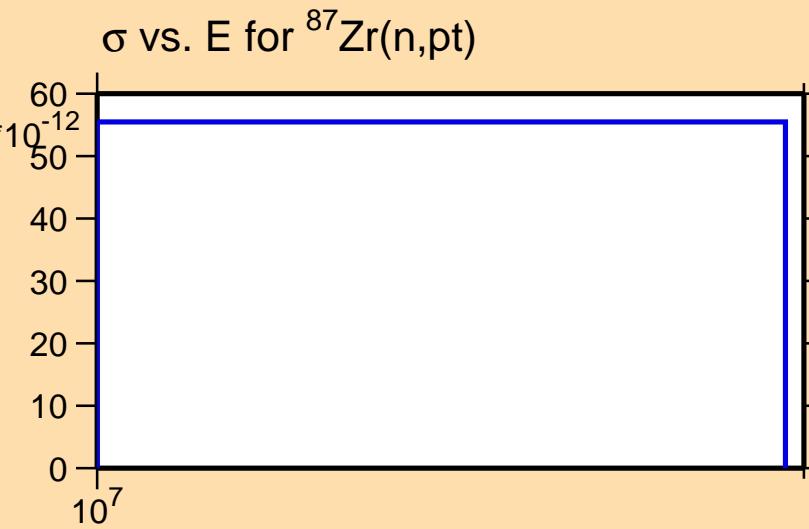


$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(n,\text{pt})$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty
data were suppressed.



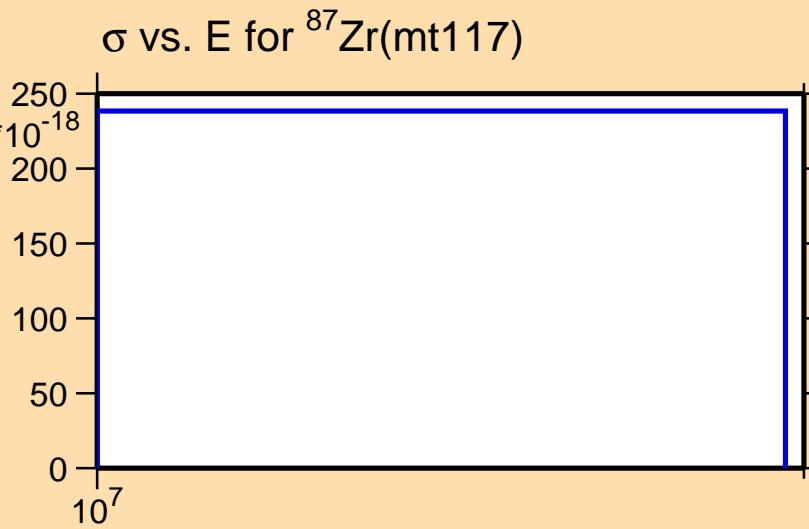
Correlation Matrix



$\Delta\sigma/\sigma$ vs. E for $^{87}\text{Zr}(\text{mt}117)$

$*10^{-3}$
2.5
2.0
1.5
1.0
0.5
0.0
 10^7

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



Correlation Matrix

