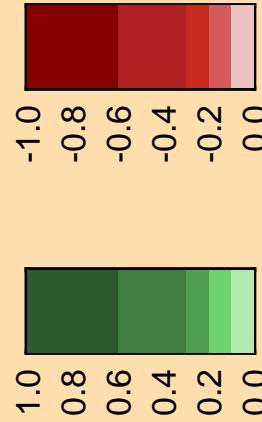
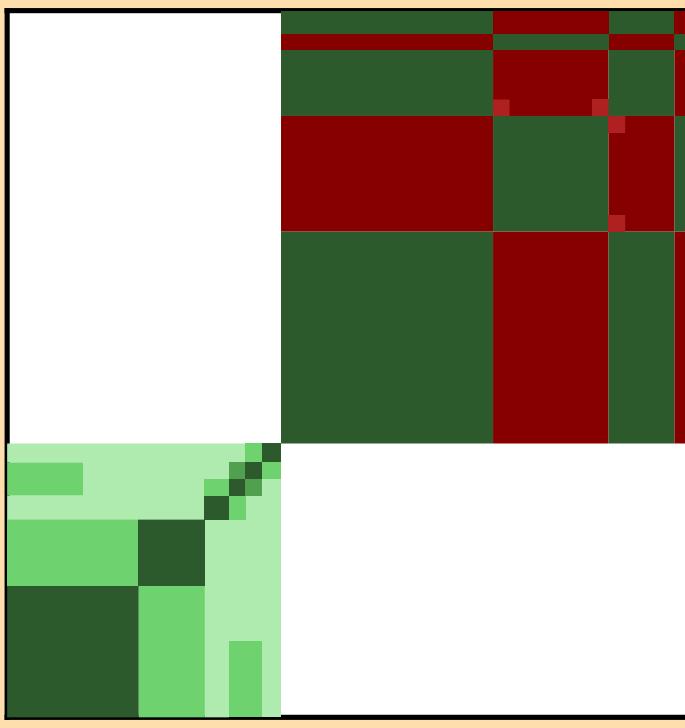
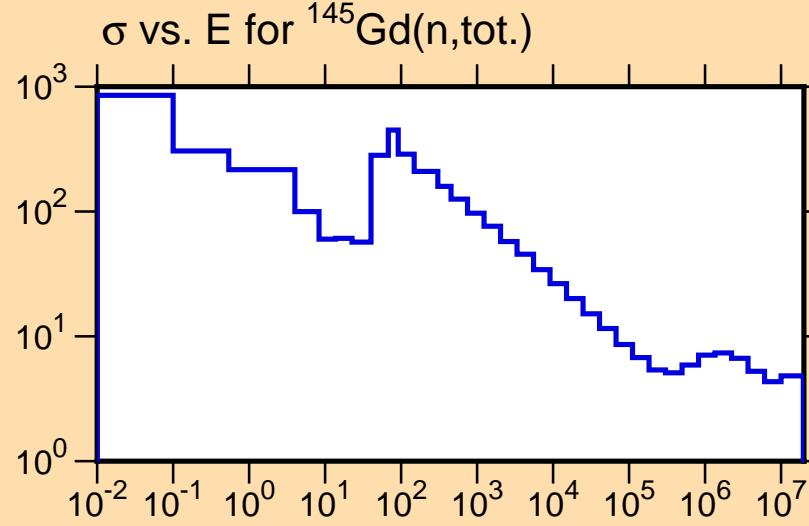
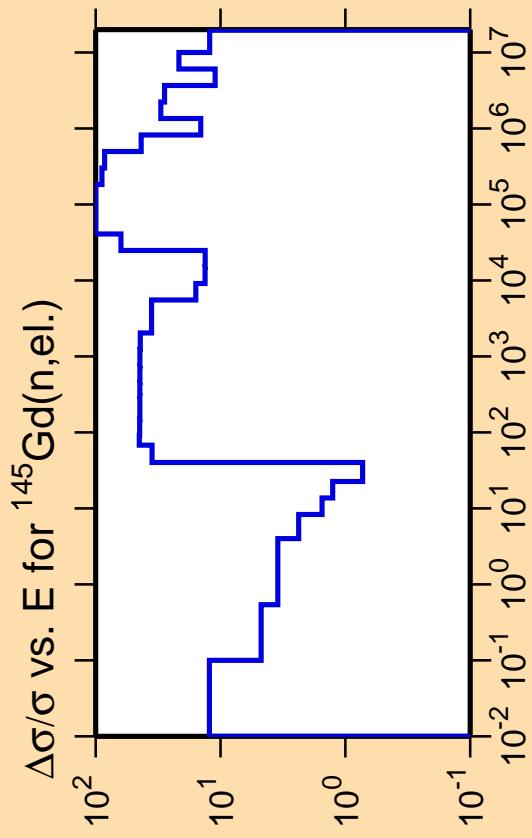


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{tot.})$

Ordinate scales are % relative  
standard deviation and barns.

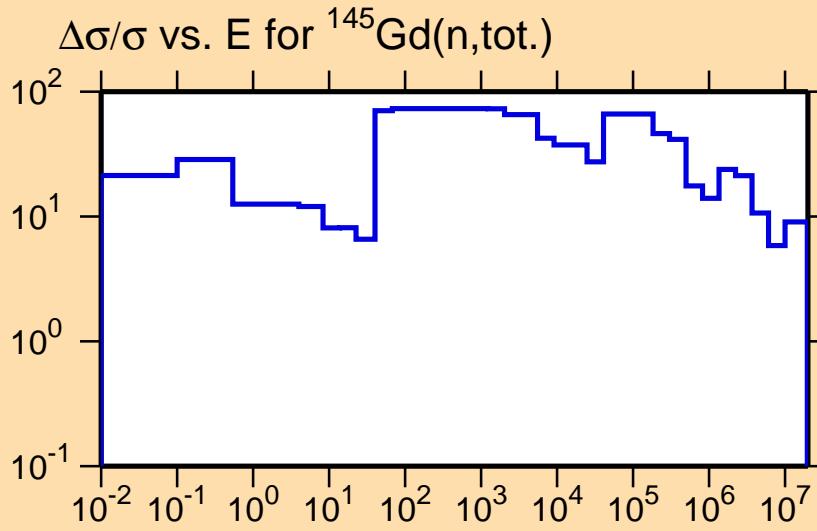
Abscissa scales are energy (eV).



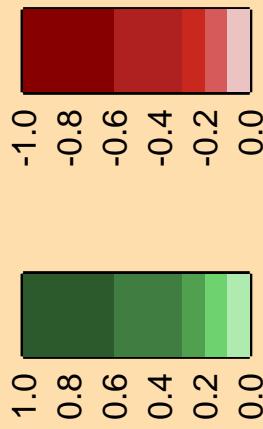


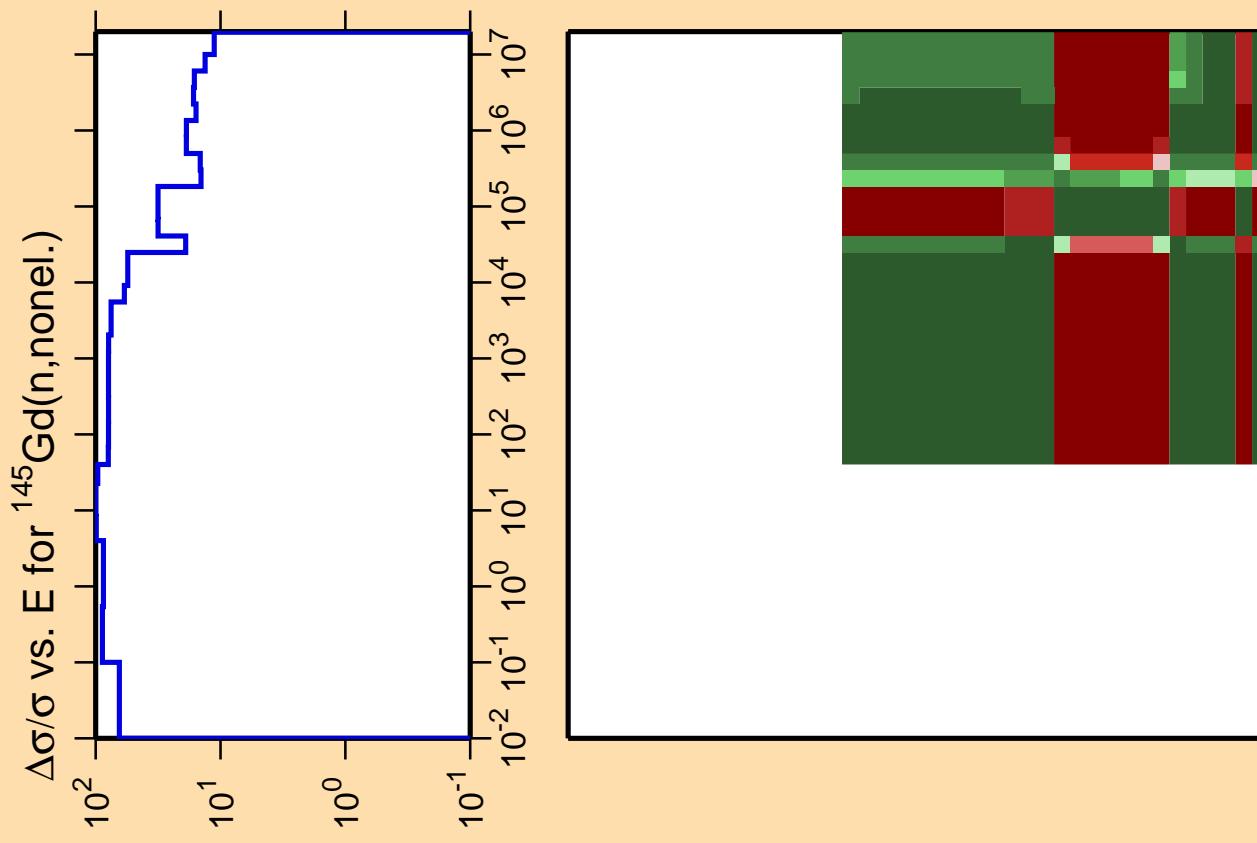
Ordinate scale is %  
relative standard deviation.

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



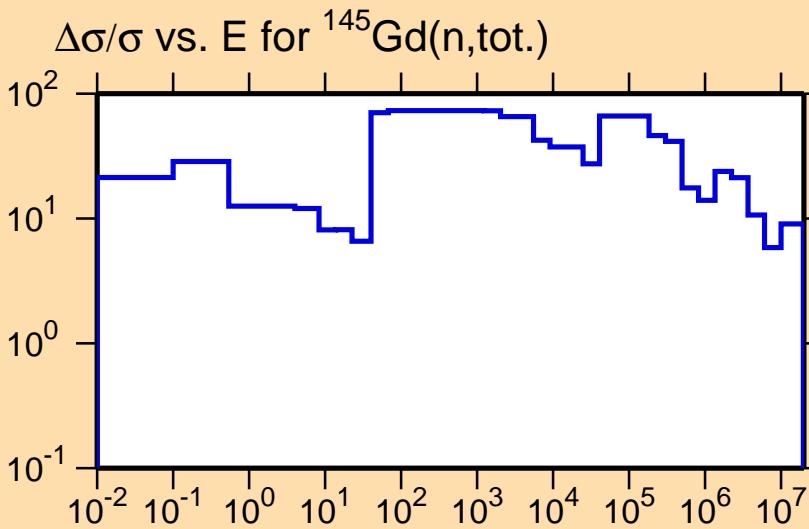
Correlation Matrix



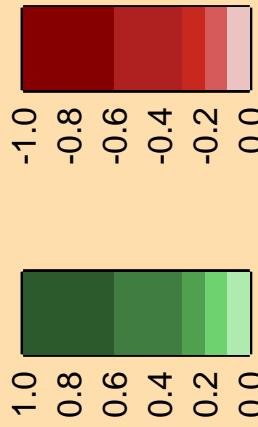


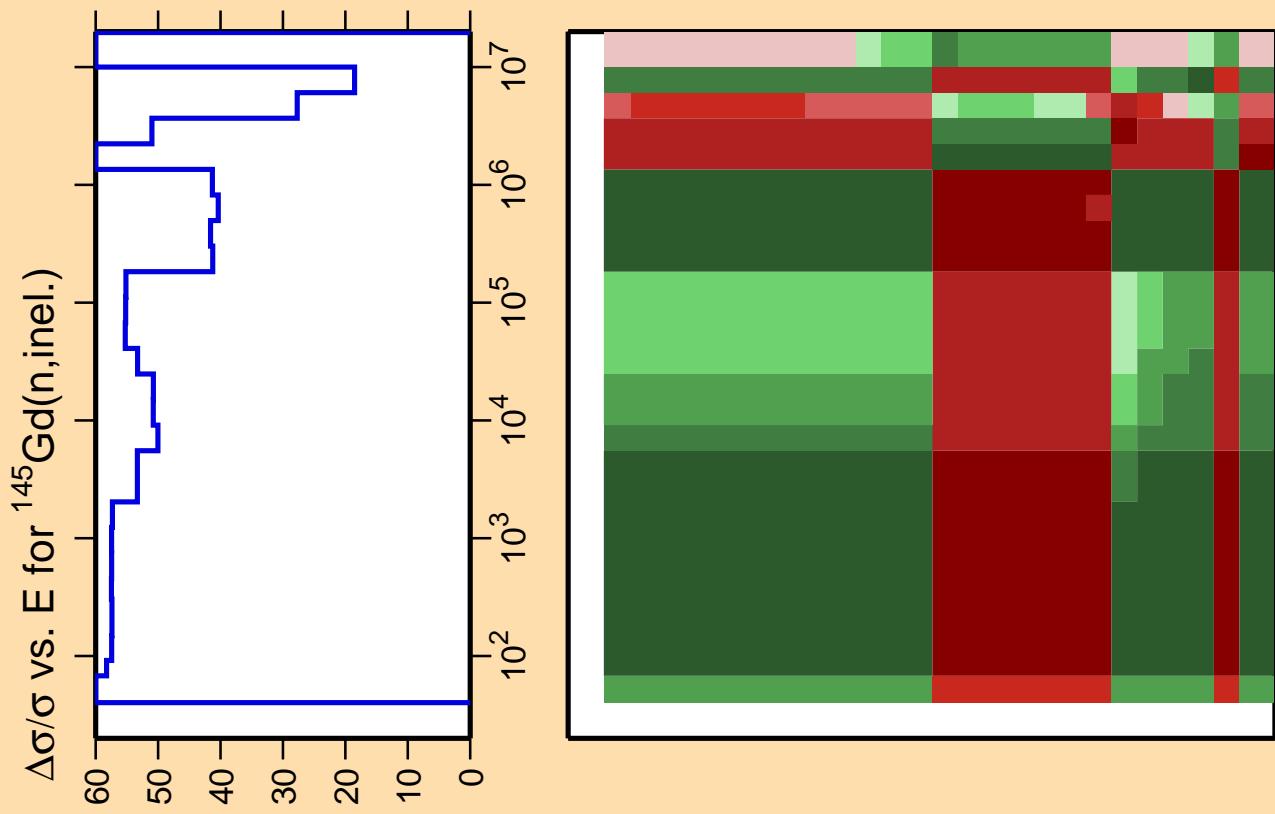
Ordinate scale is %  
relative standard deviation.

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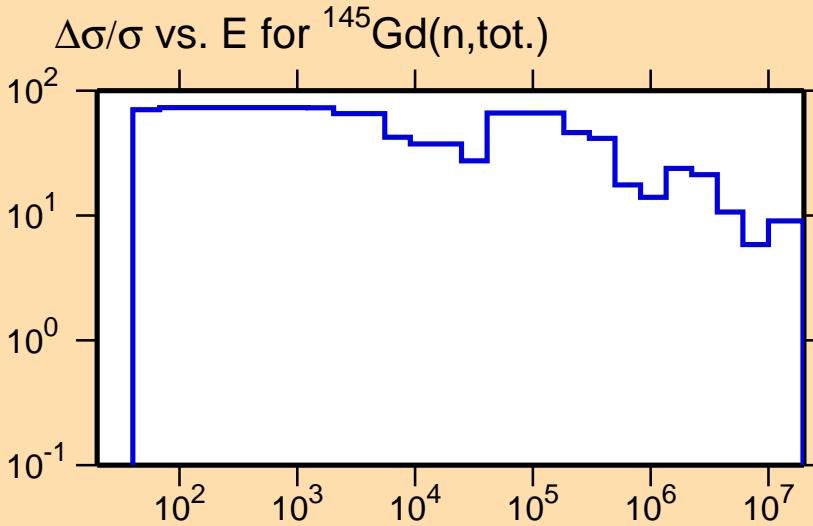
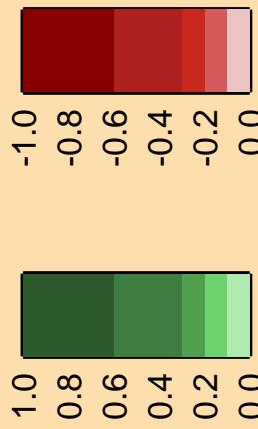


Correlation Matrix





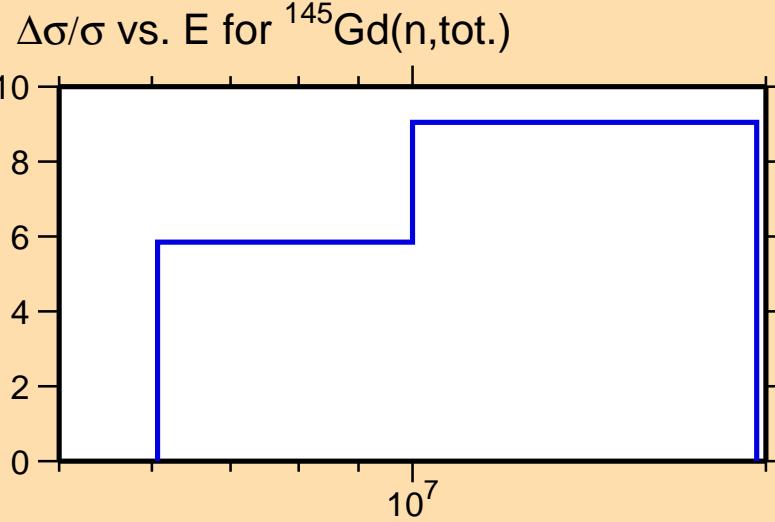
Correlation Matrix



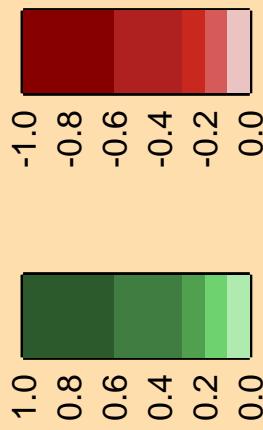
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n)$

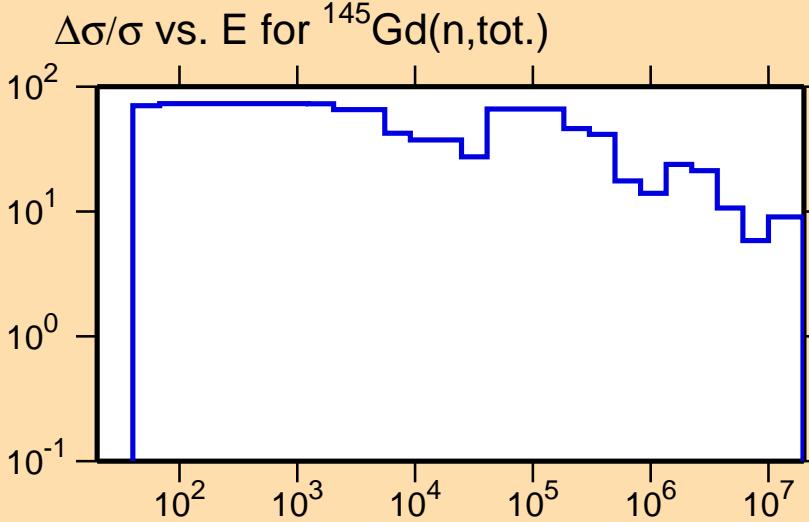
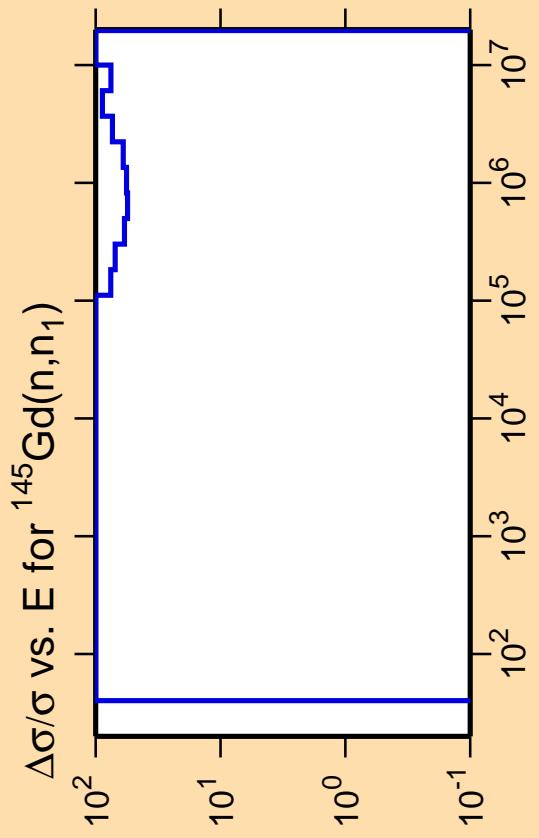
Ordinate scale is %  
relative standard deviation.

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

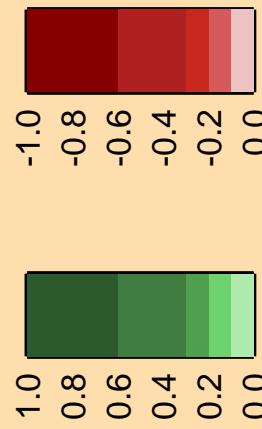


Correlation Matrix





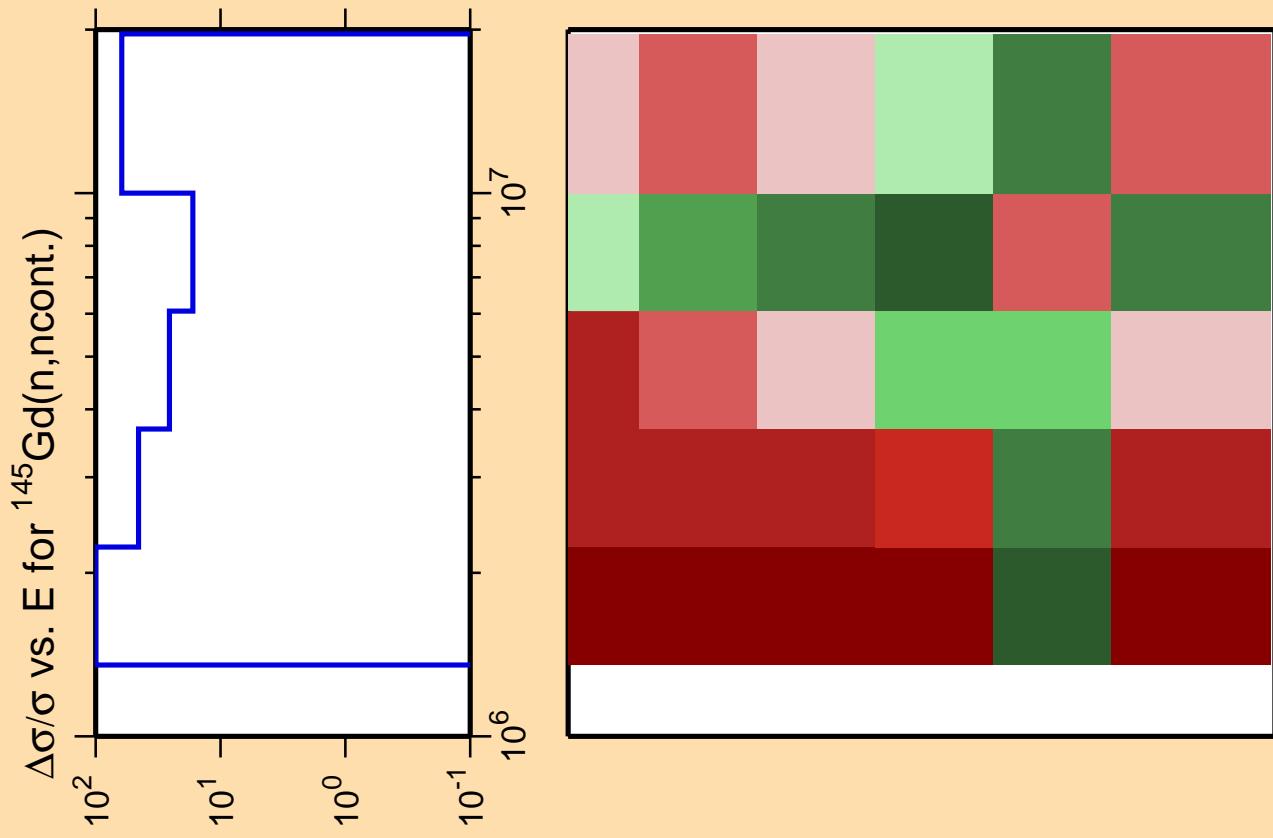
Correlation Matrix



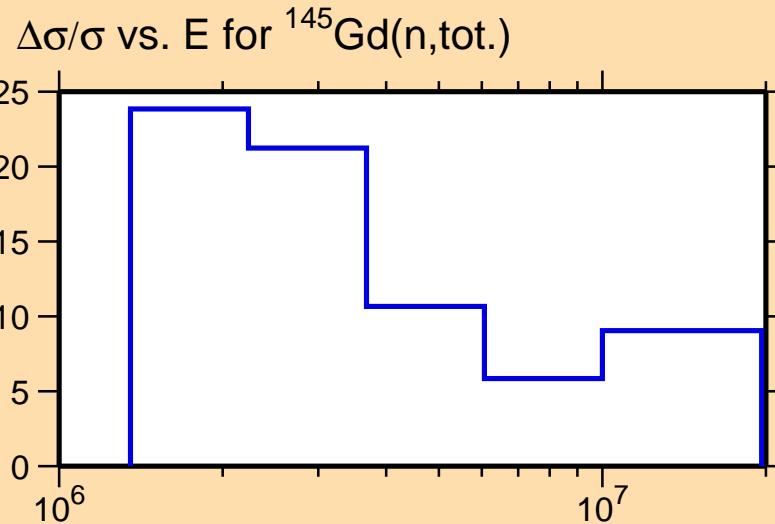
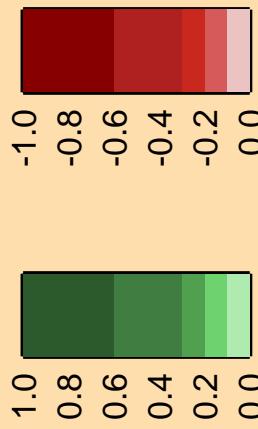
Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

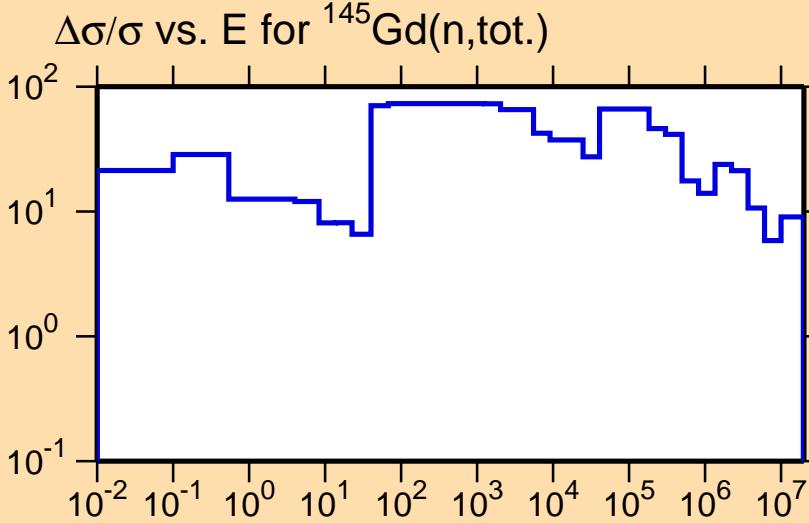
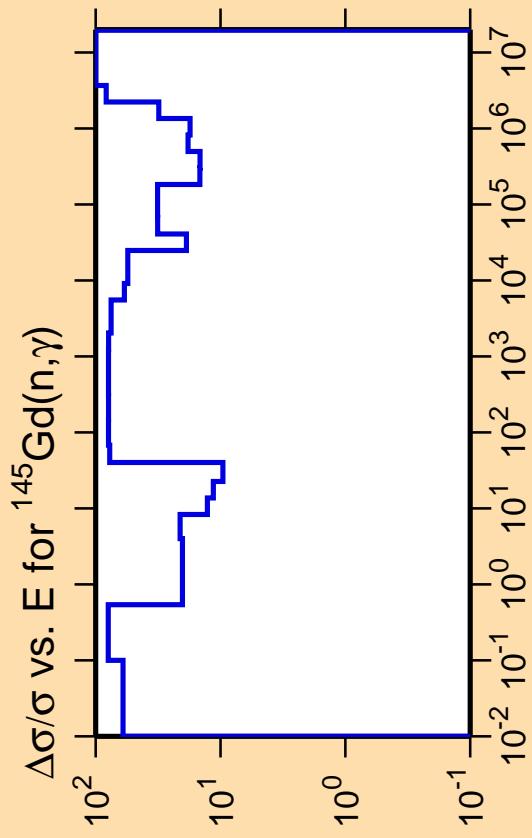
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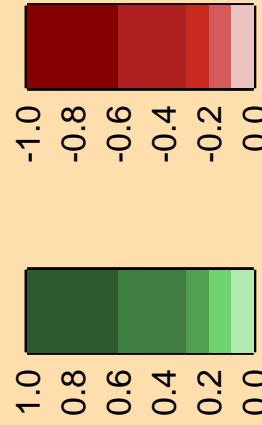
Correlation Matrix

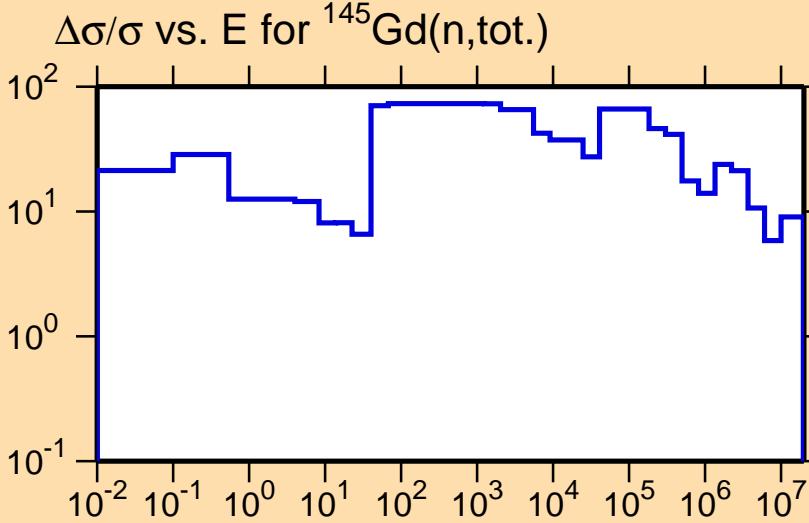
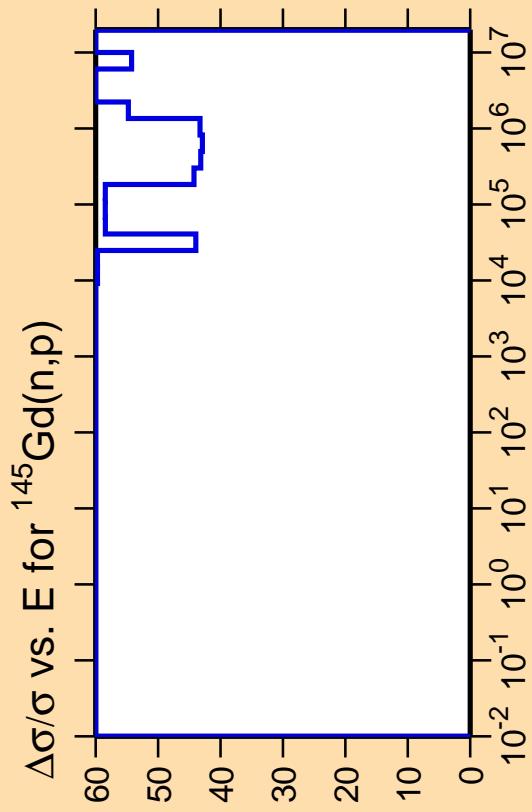


Ordinate scale is % relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty data were suppressed.

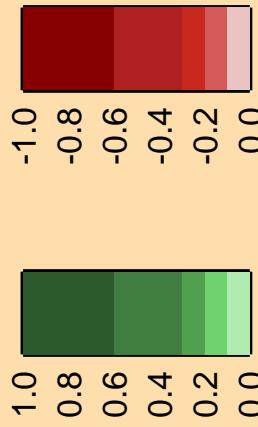


Correlation Matrix



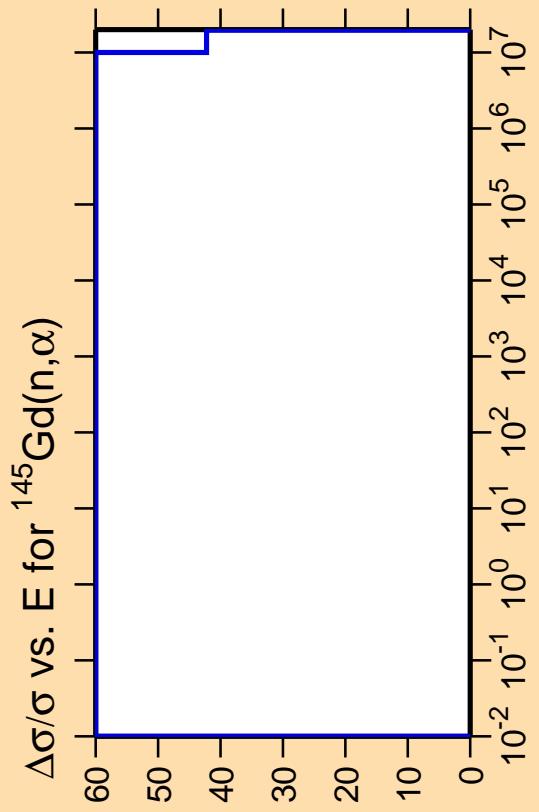


Correlation Matrix



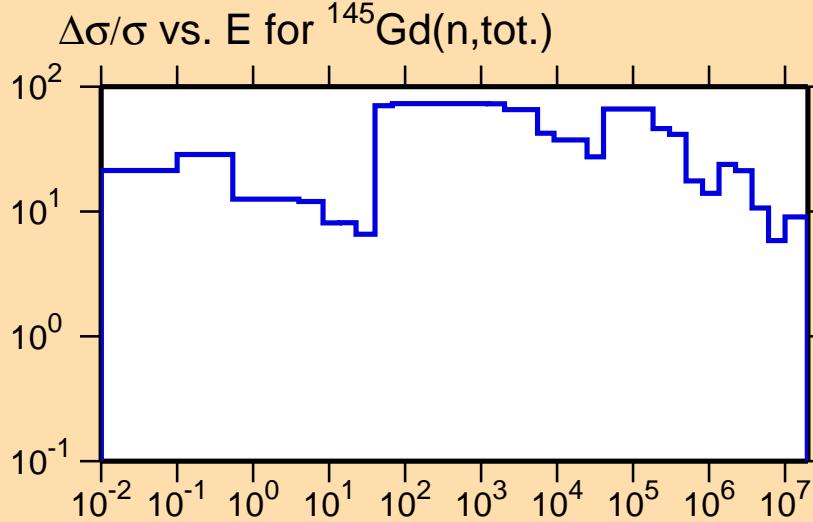
Ordinate scale is %  
relative standard deviation.

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

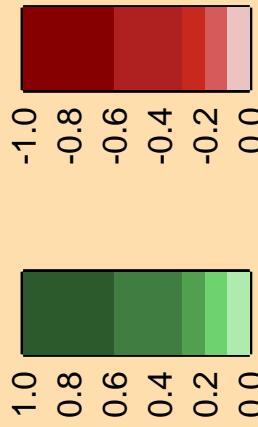


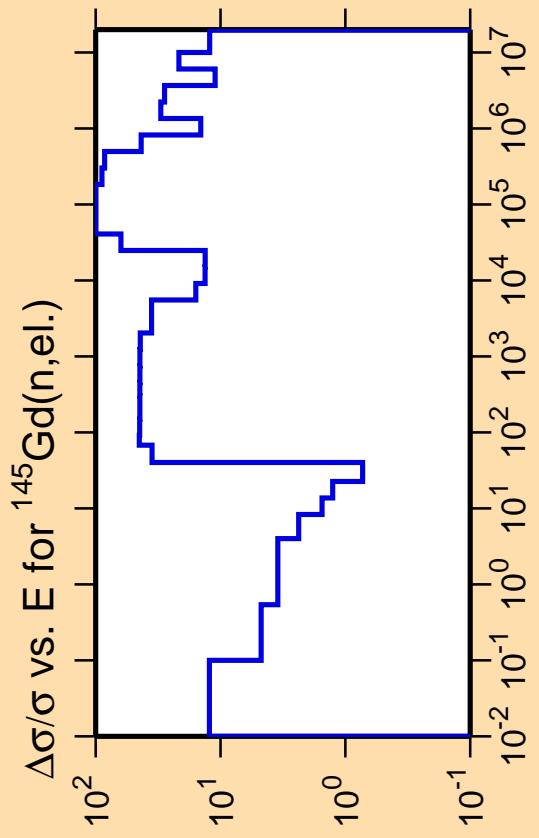
Ordinate scale is %  
relative standard deviation.

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



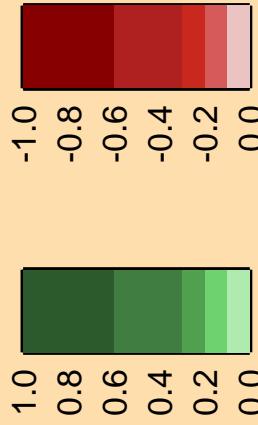
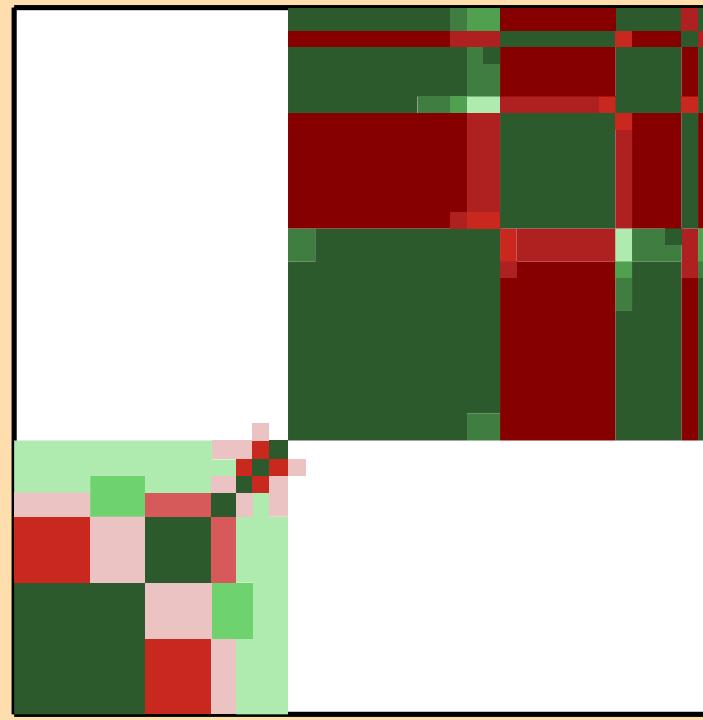
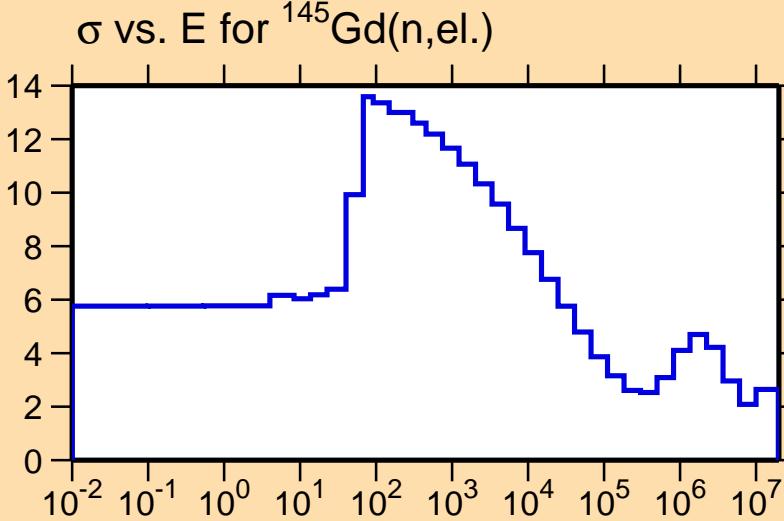
Correlation Matrix

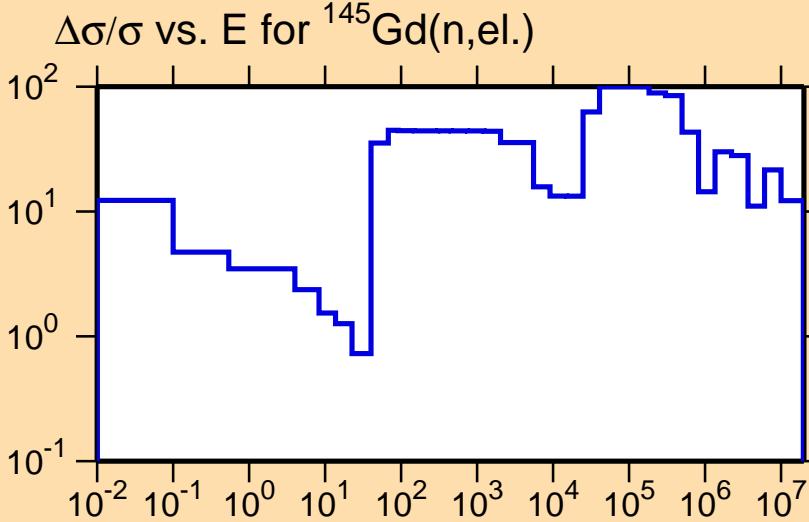
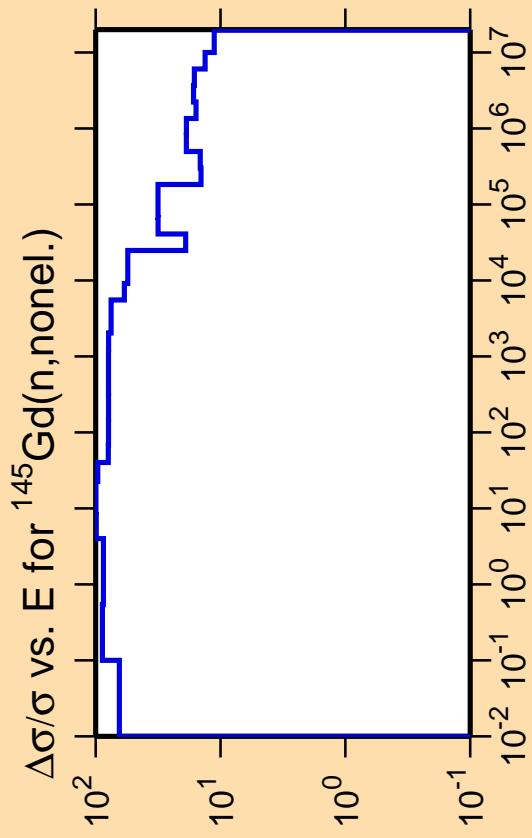




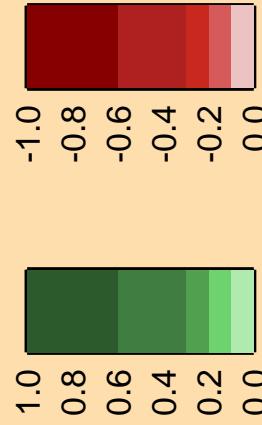
Ordinate scales are % relative  
standard deviation and barns.

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





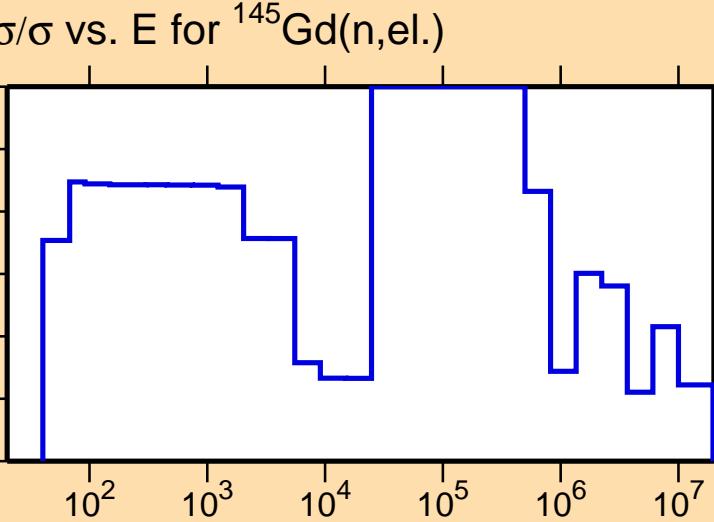
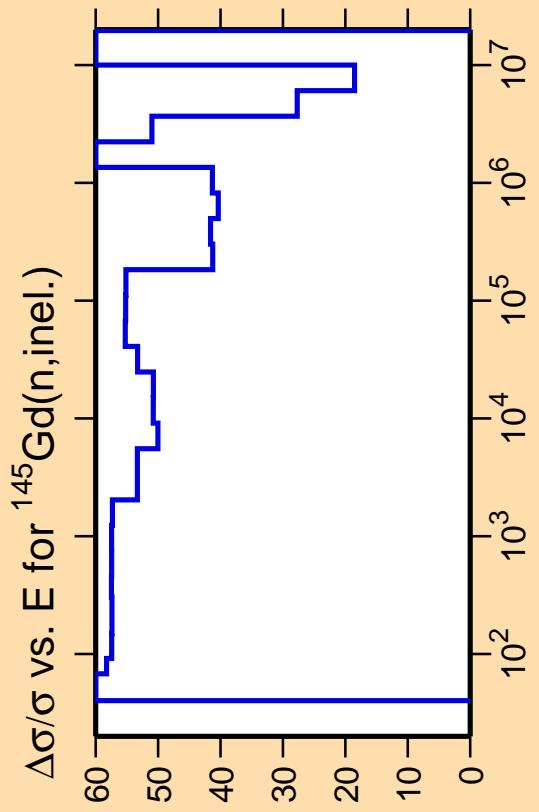
Correlation Matrix



Ordinate scale is %  
relative standard deviation.

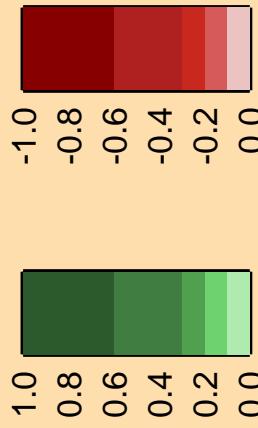
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



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

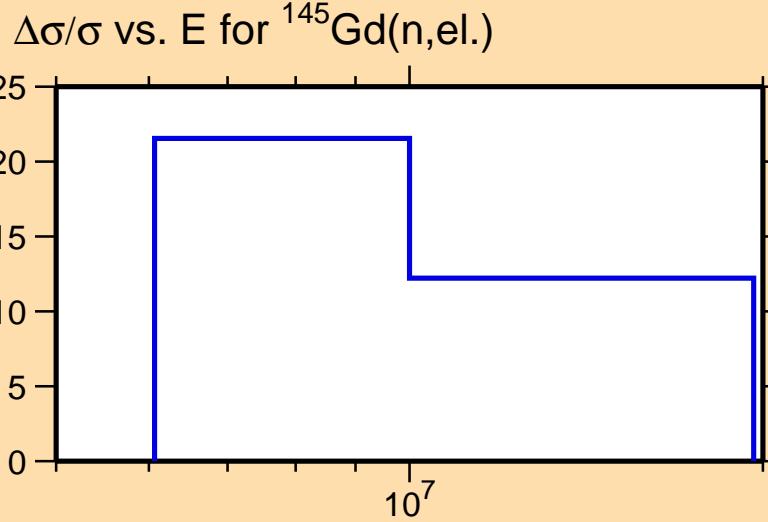
Correlation Matrix



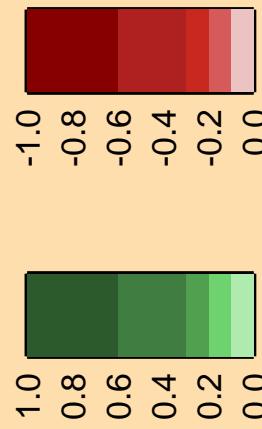
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n)$

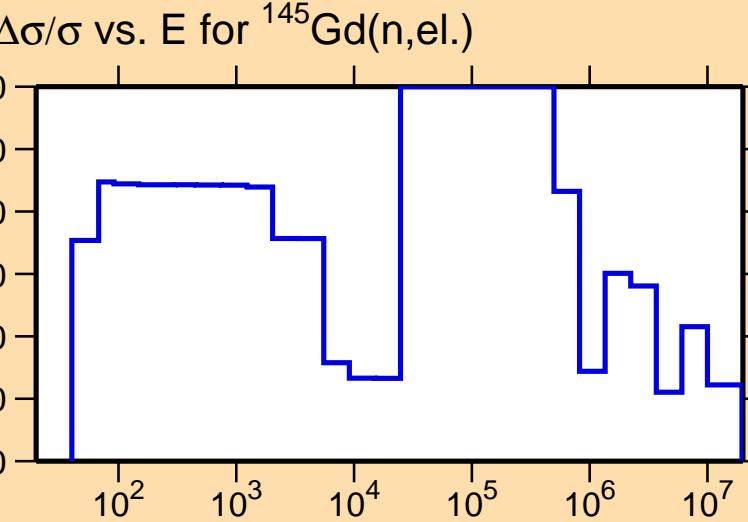
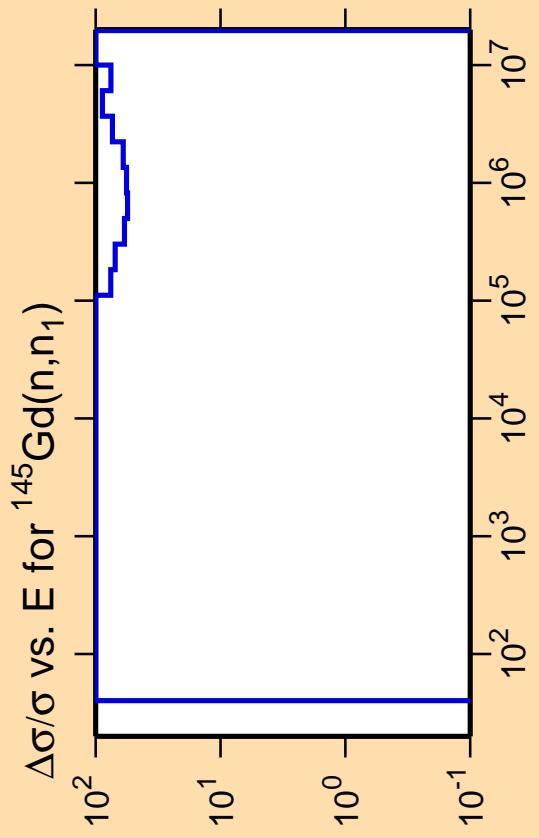
Ordinate scale is %  
relative standard deviation.

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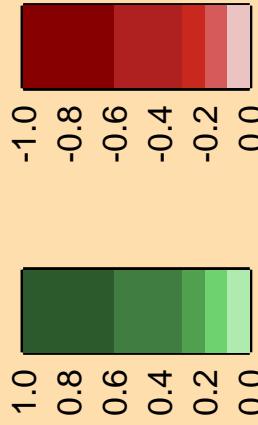


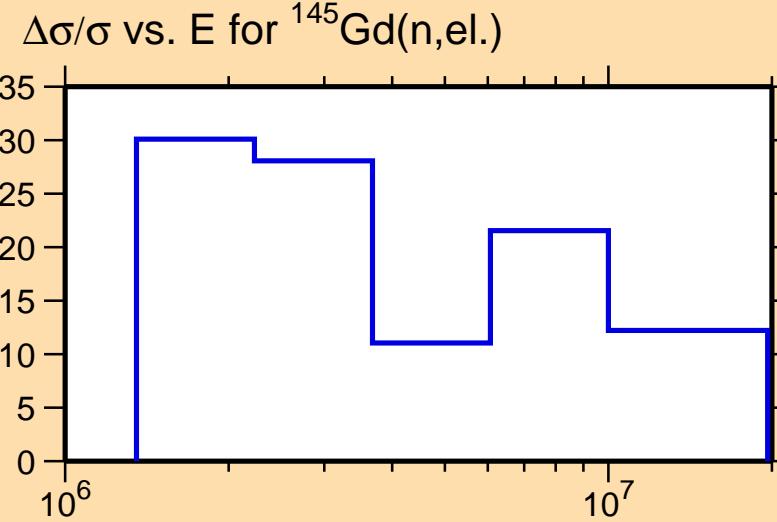
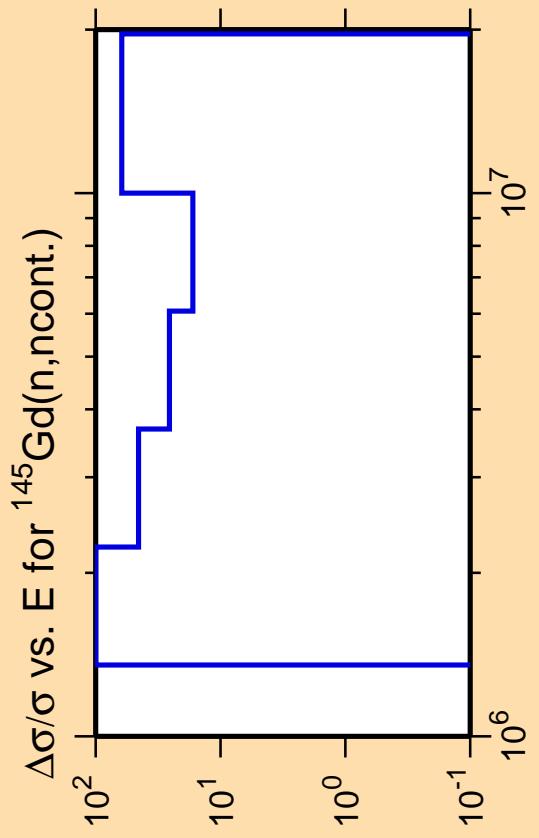
Correlation Matrix



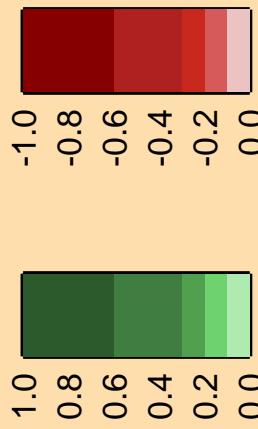


Correlation Matrix



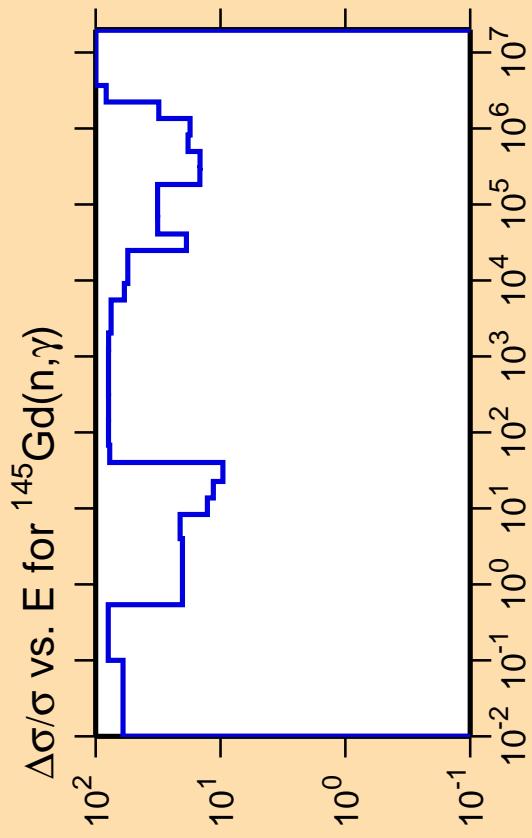


Correlation Matrix



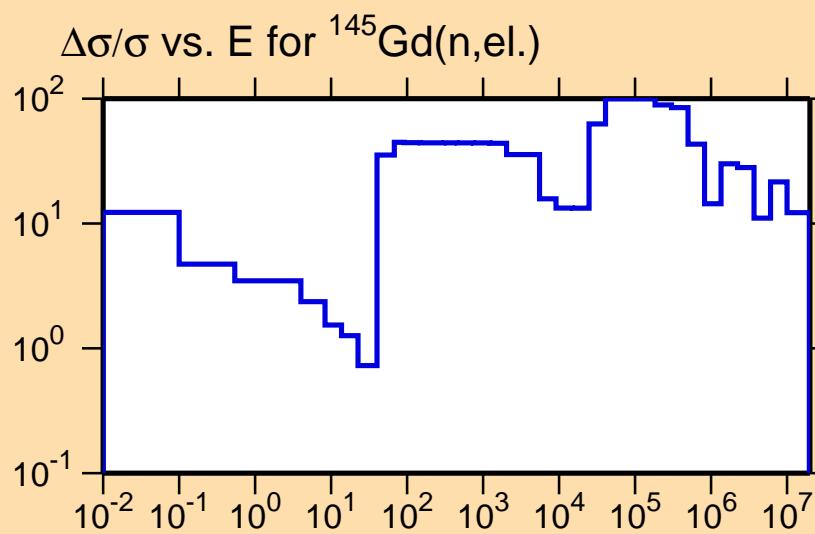
Ordinate scale is %  
relative standard deviation.

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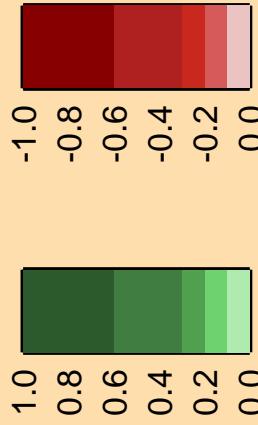


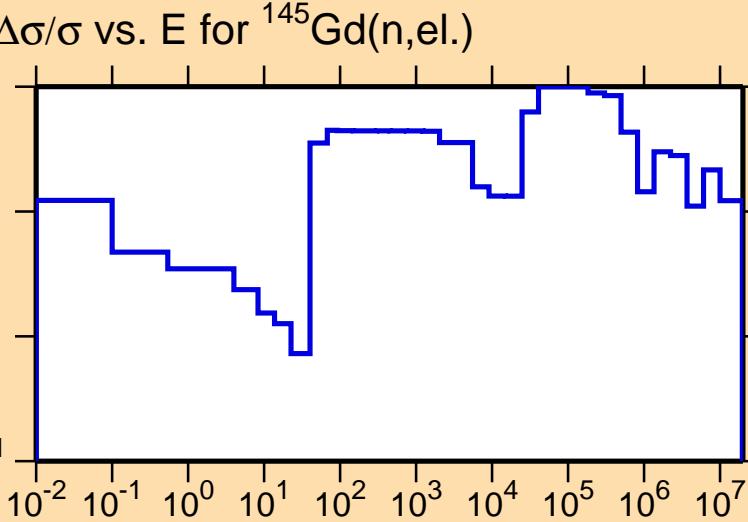
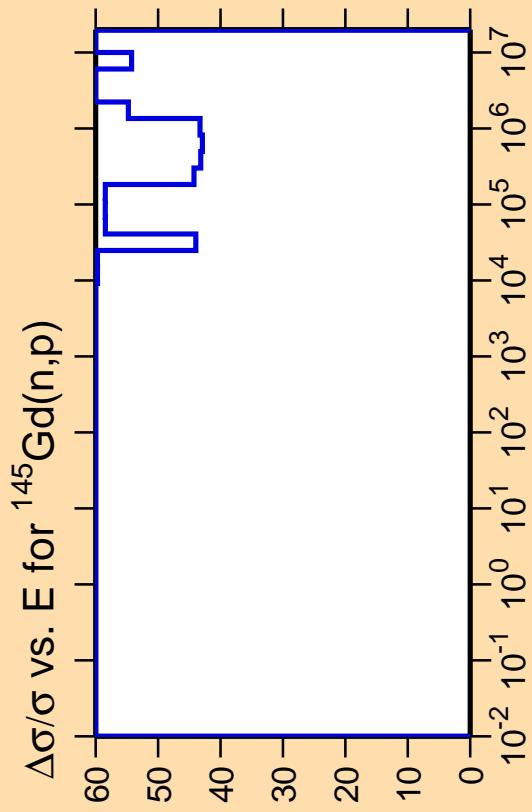
Ordinate scale is %  
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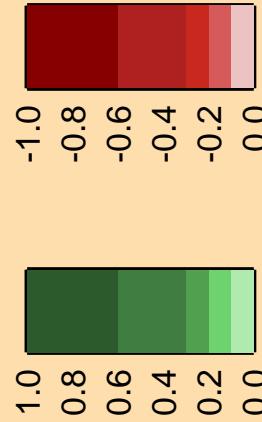


Correlation Matrix





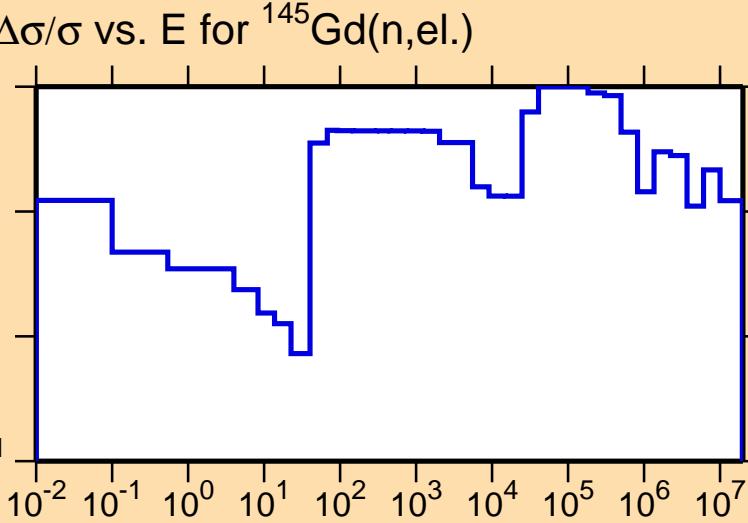
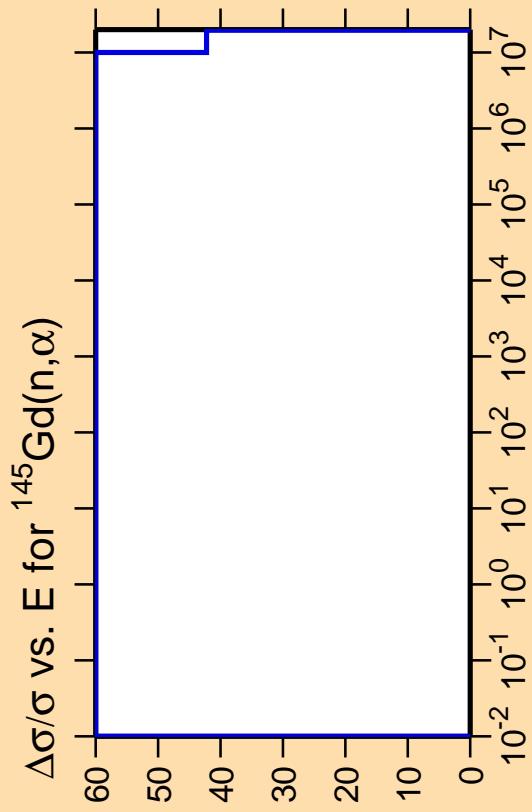
Correlation Matrix



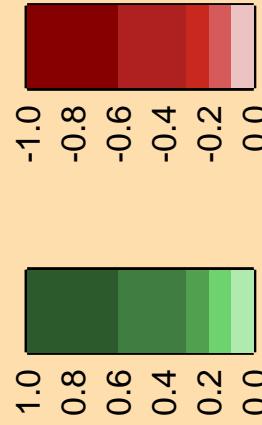
Ordinate scale is %  
relative standard deviation.

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Warning: some uncertainty  
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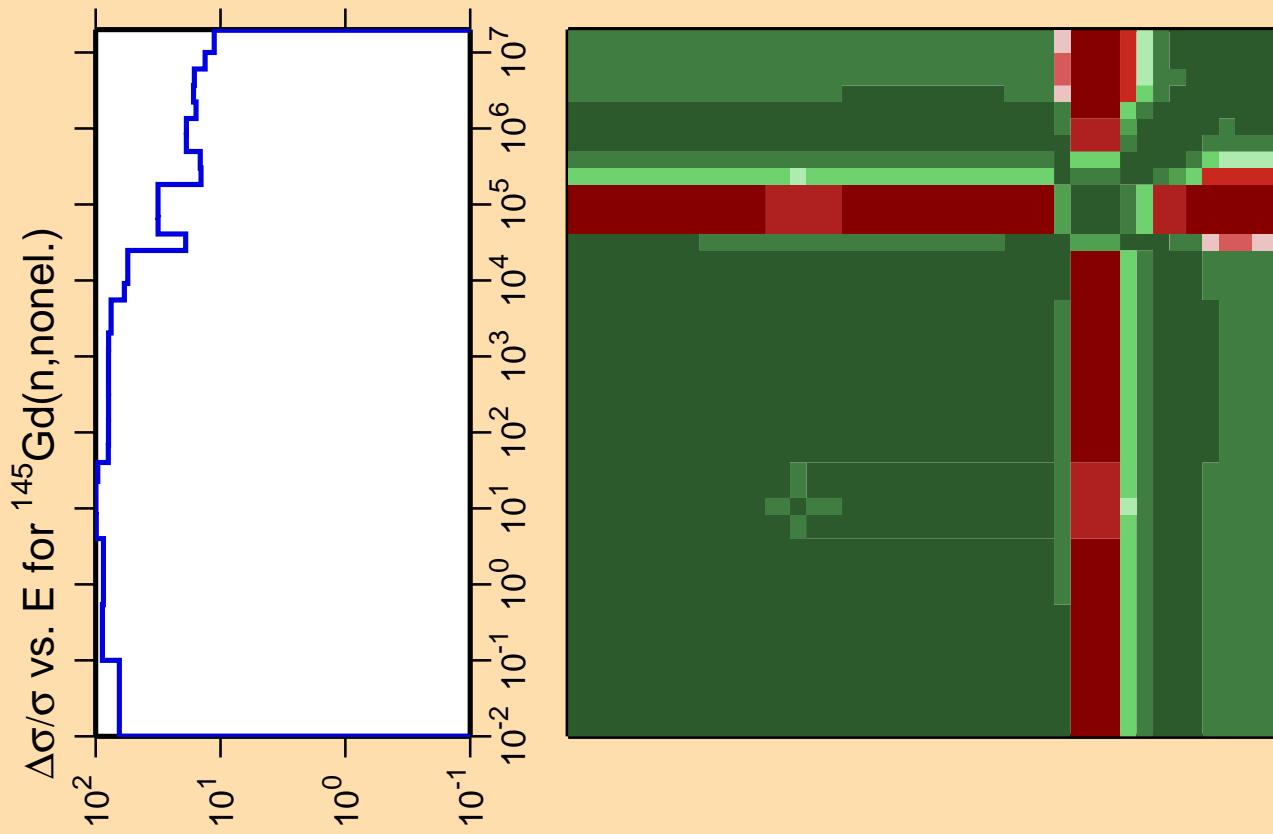
Correlation Matrix



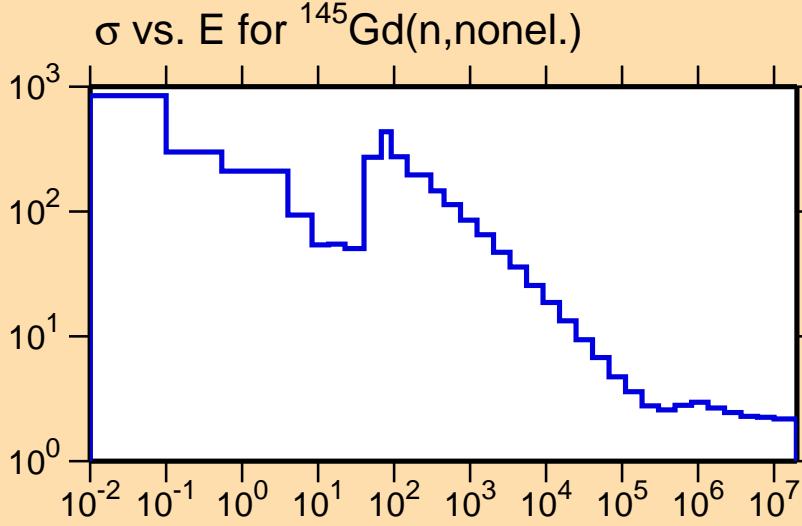
Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

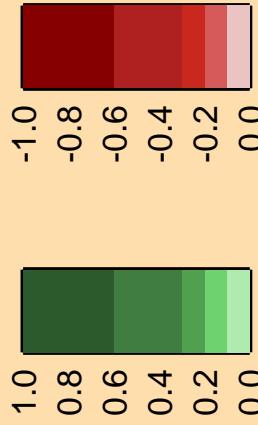
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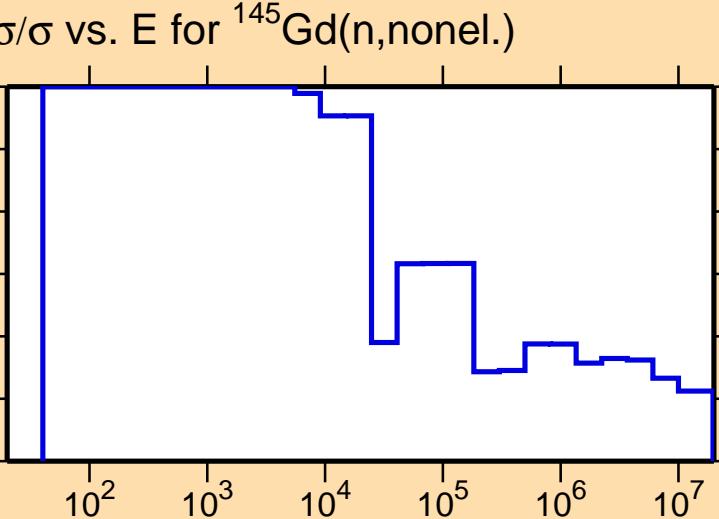
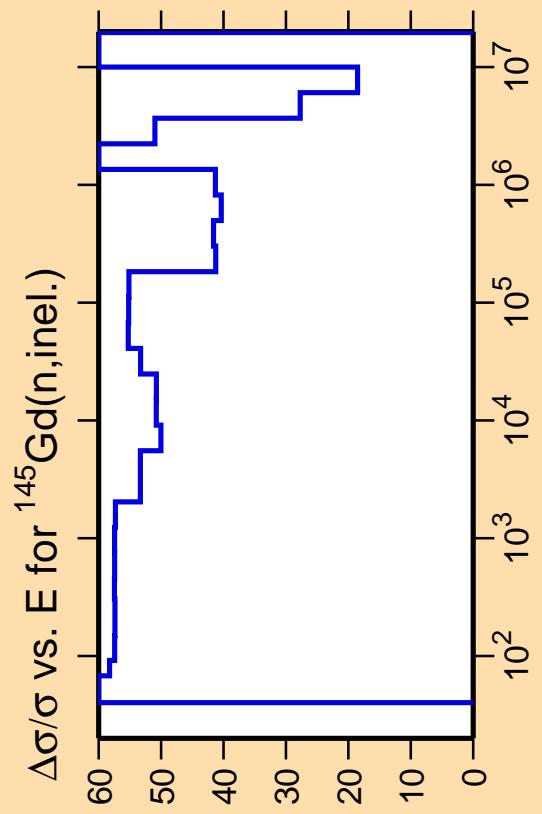


Ordinate scales are % relative  
standard deviation and barns.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

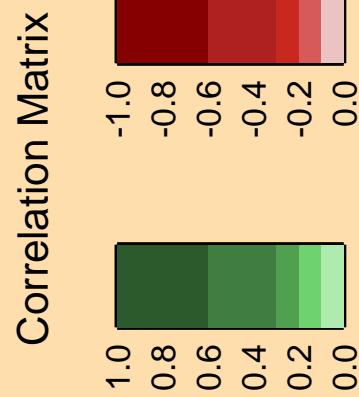
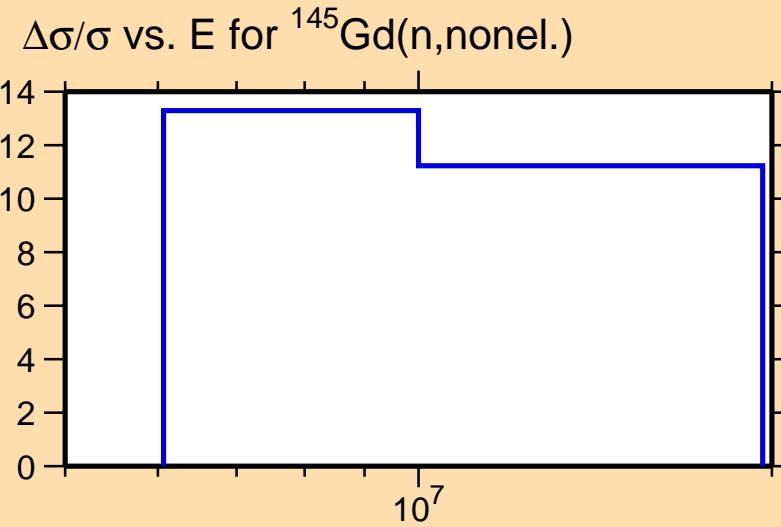
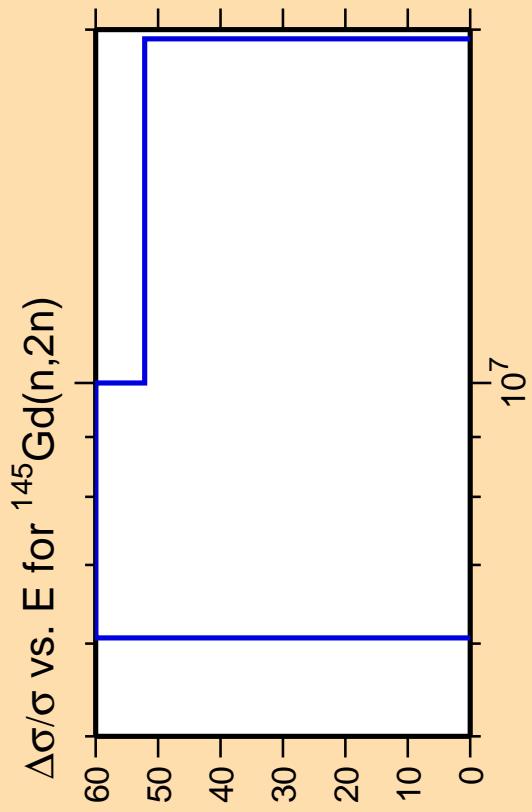


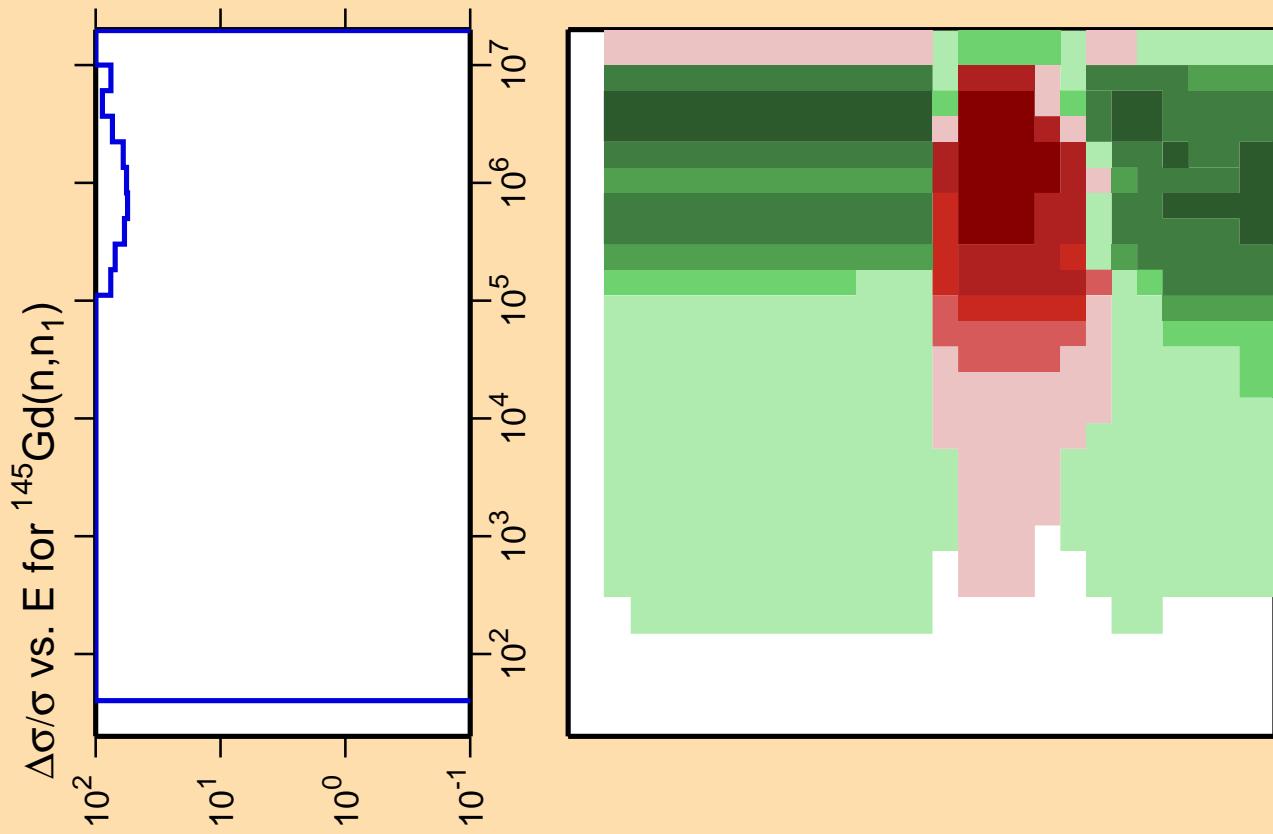


Ordinate scale is %  
relative standard deviation.  
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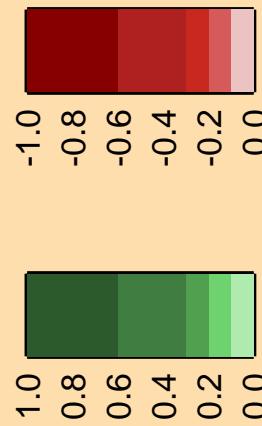
Correlation Matrix



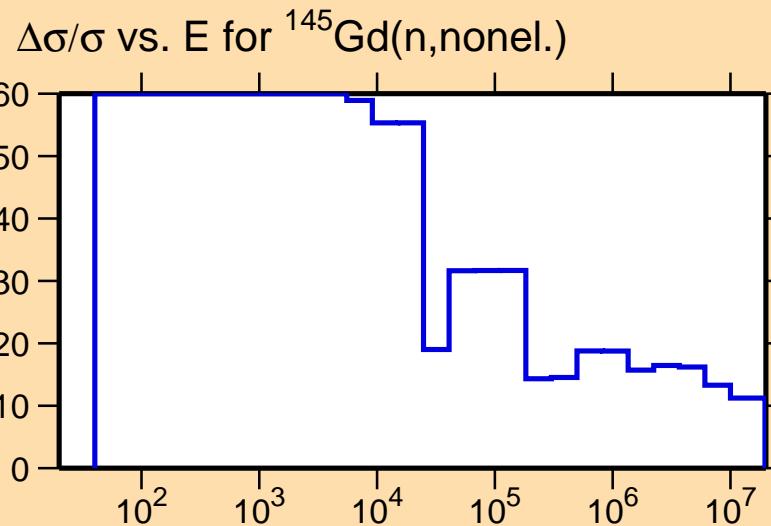


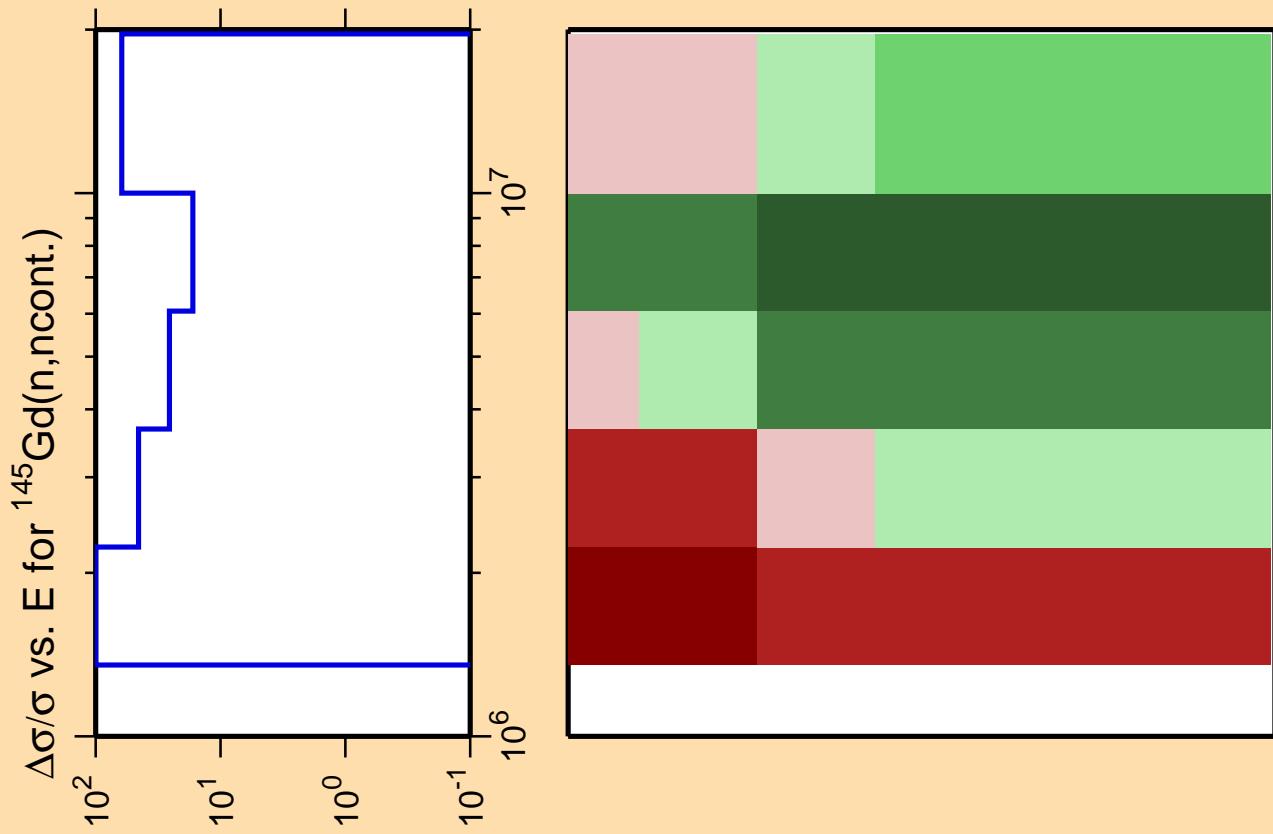


Correlation Matrix

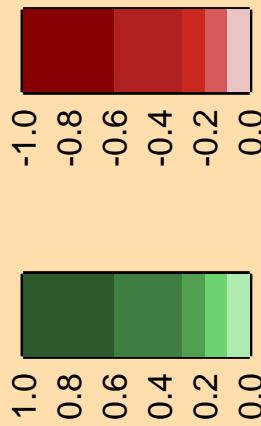


Ordinate scale is % relative standard deviation.  
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Warning: some uncertainty data were suppressed.

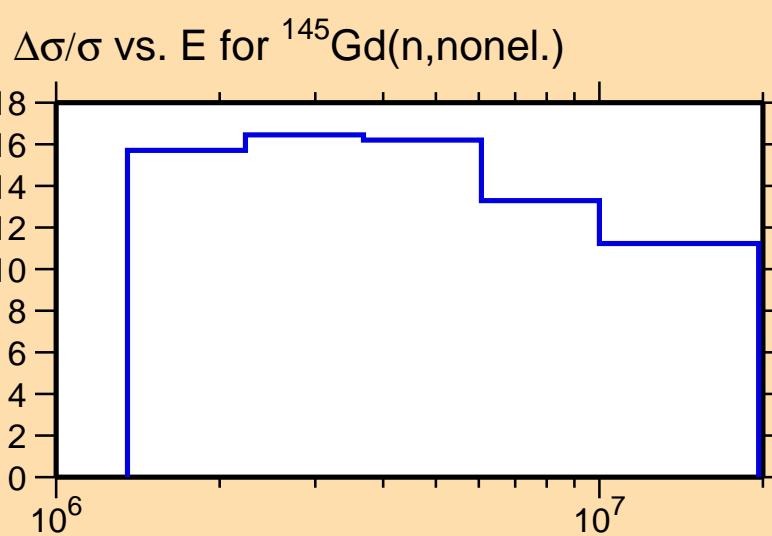


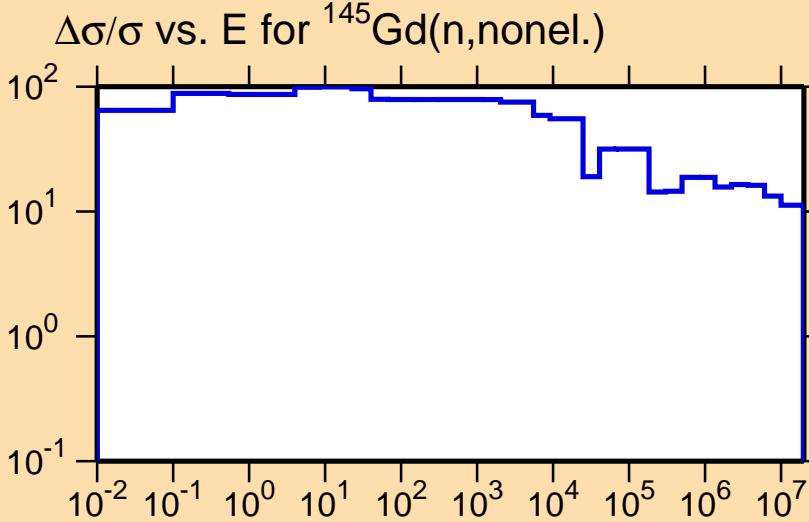
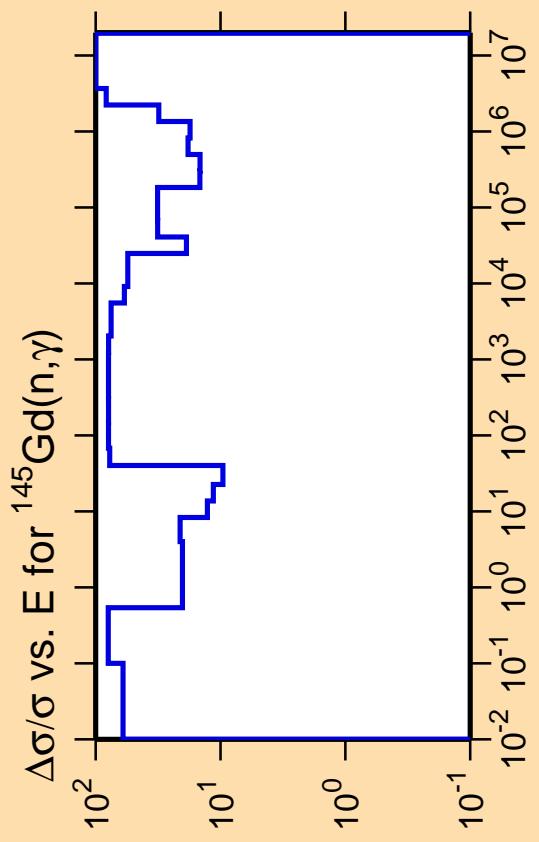


Correlation Matrix



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Warning: some uncertainty data were suppressed.

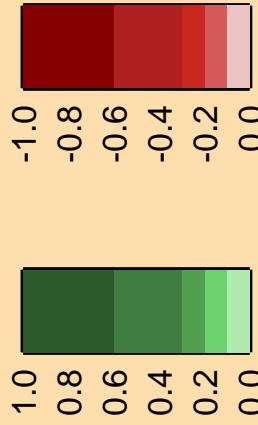


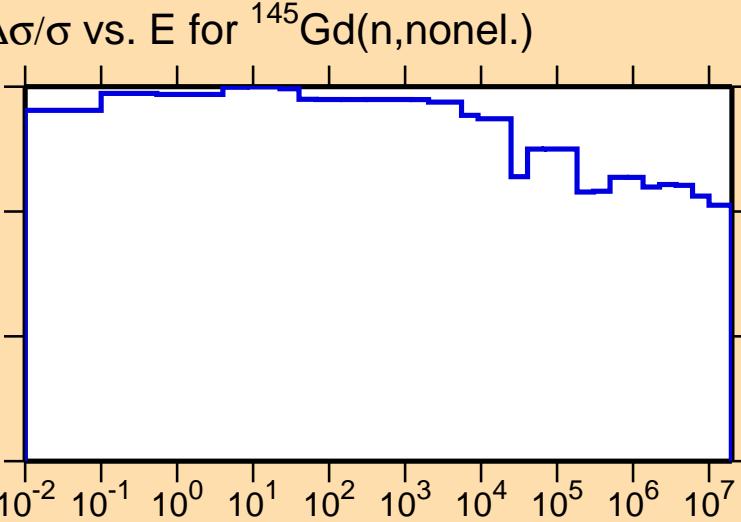
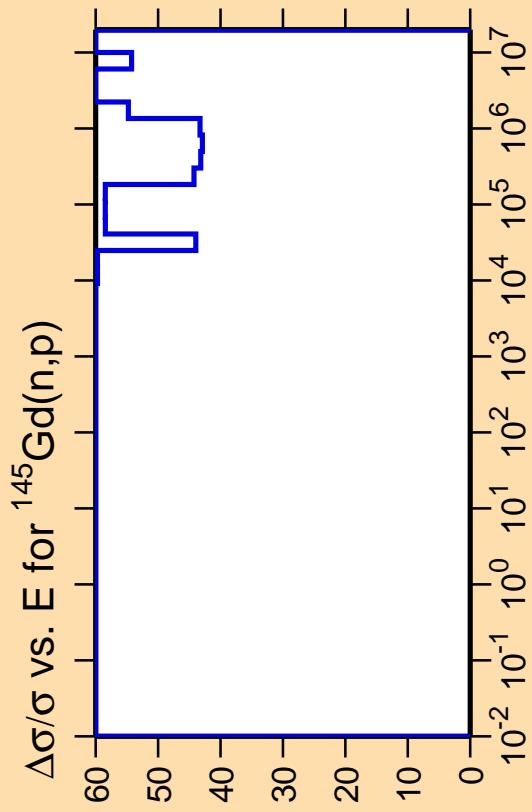


Ordinate scale is %  
relative standard deviation.

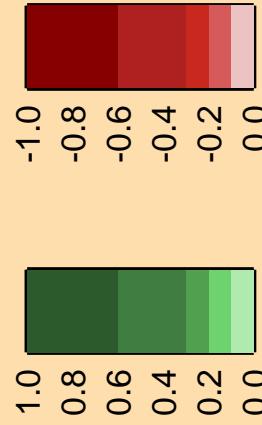
Abscissa scales are energy (eV).  
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Correlation Matrix





Correlation Matrix



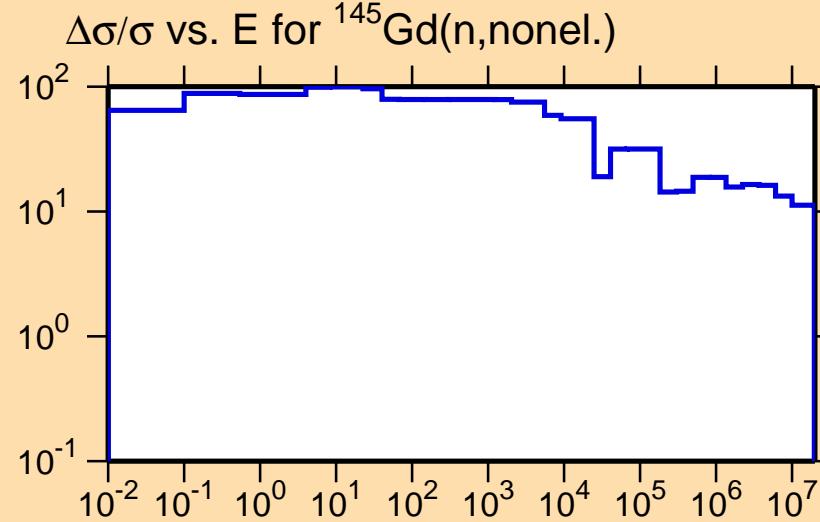
Ordinate scale is %  
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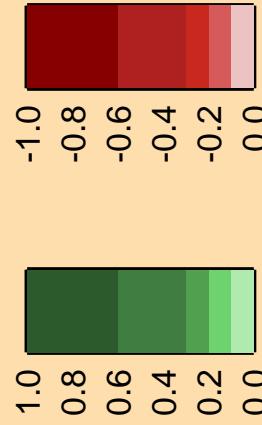
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\alpha)$

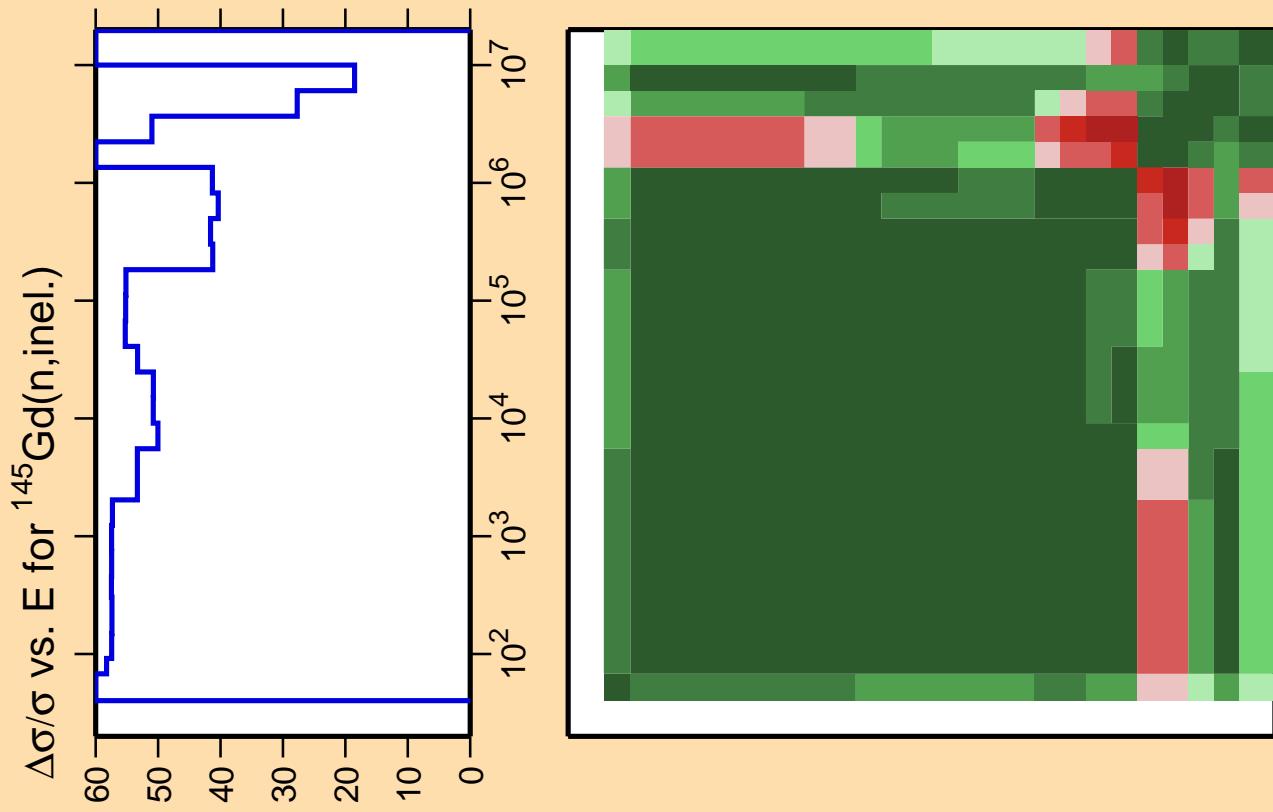
Ordinate scale is %  
relative standard deviation.

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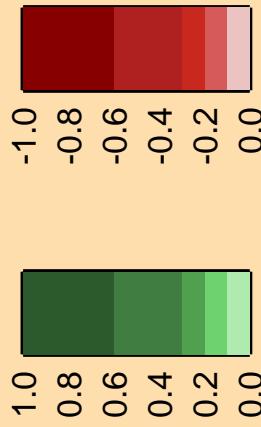


Correlation Matrix





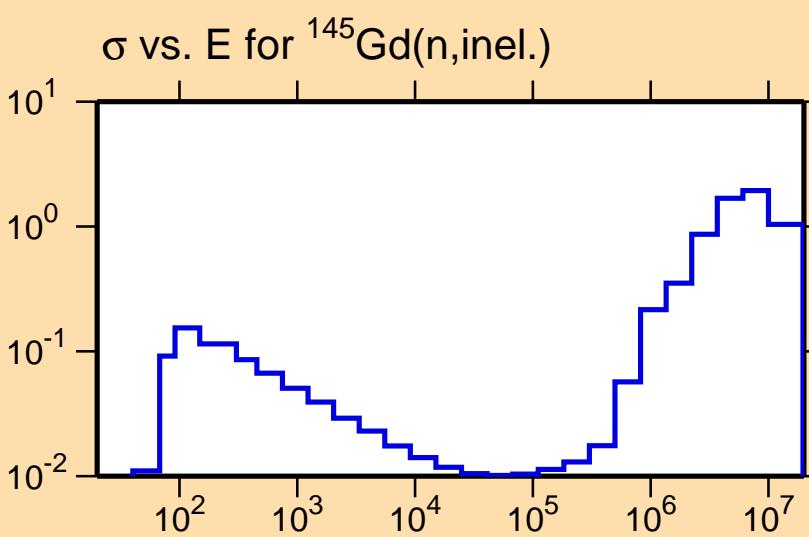
Correlation Matrix



Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

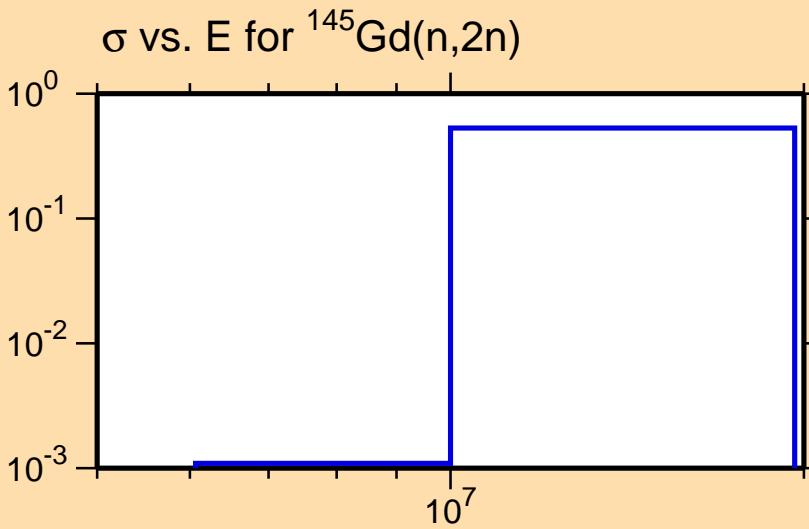


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n)$

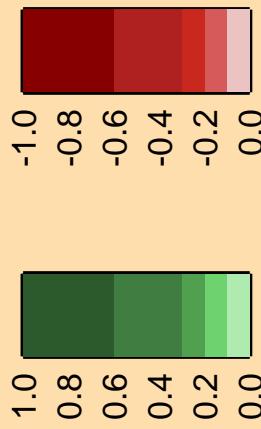
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



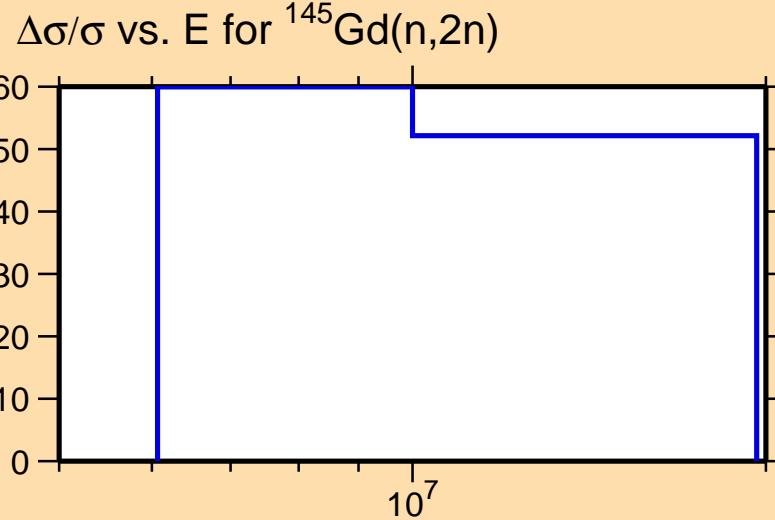
Correlation Matrix



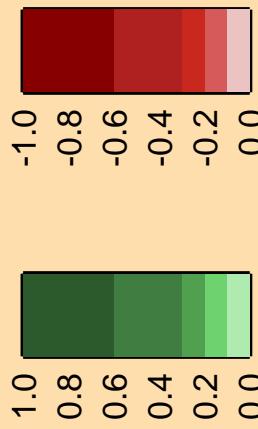
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,n_1)$

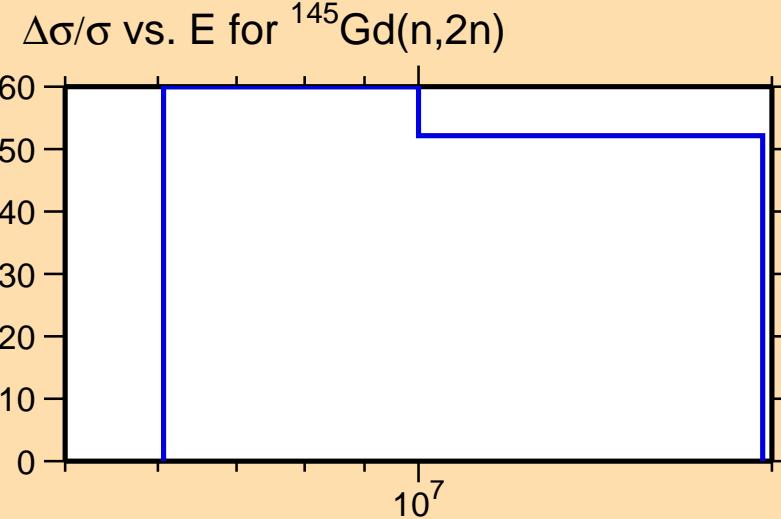
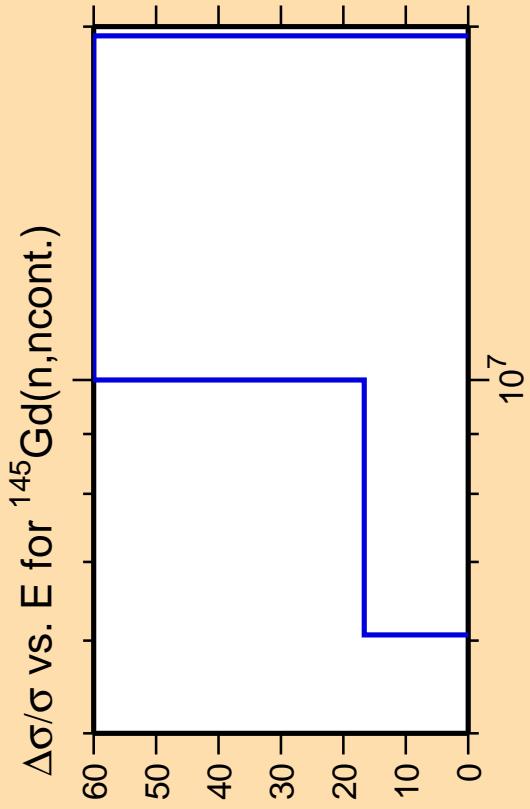
Ordinate scale is %  
relative standard deviation.

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



Correlation Matrix

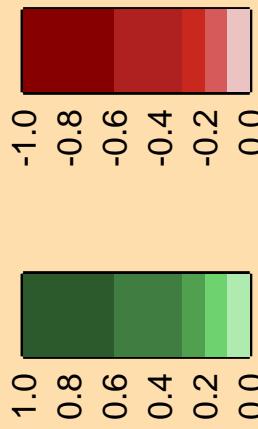




Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

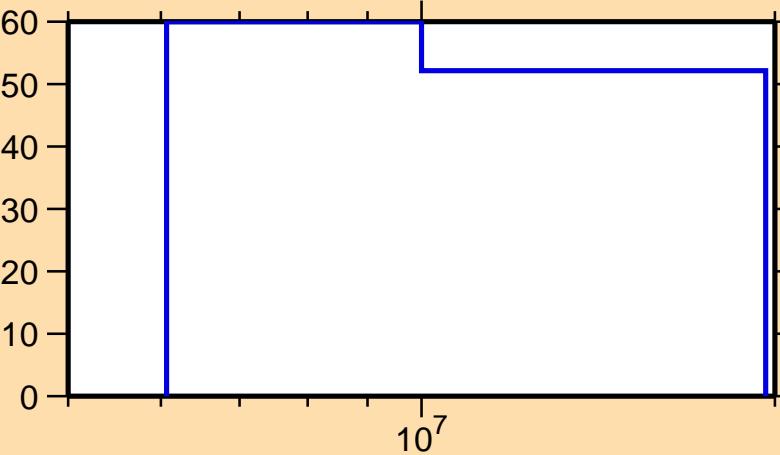


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\gamma)$

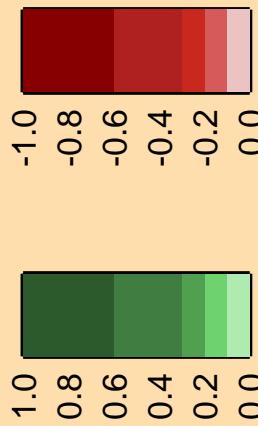
Ordinate scale is %  
relative standard deviation.

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

$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n)$



Correlation Matrix

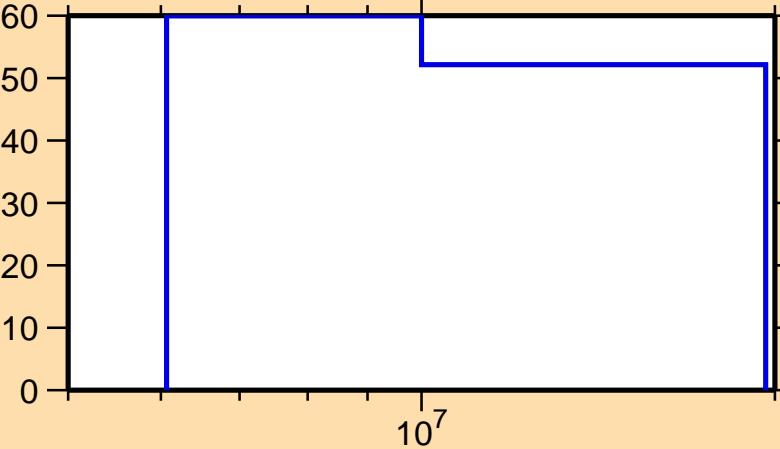


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,p)$

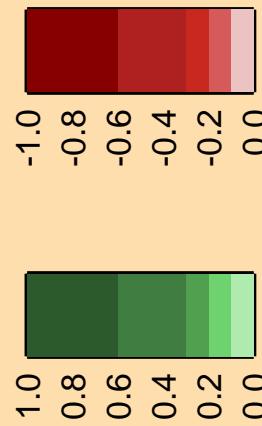
Ordinate scale is %  
relative standard deviation.

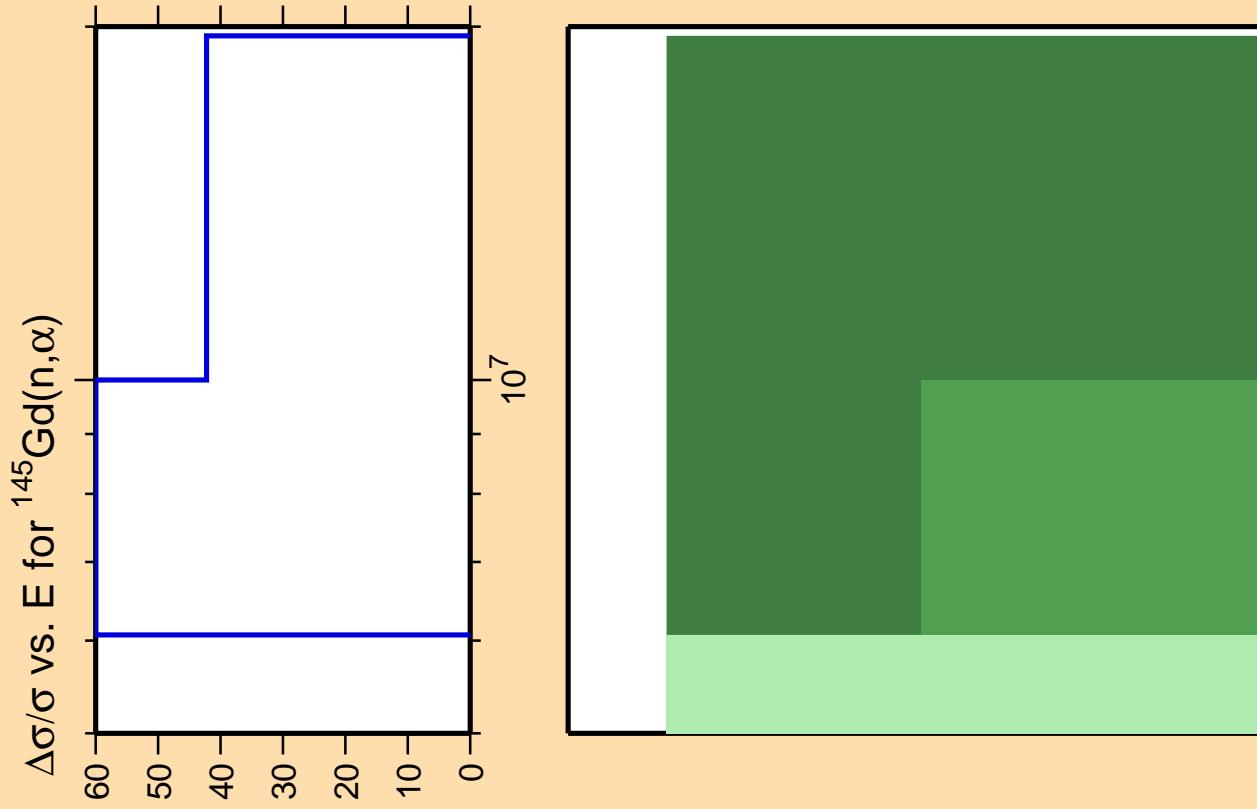
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n)$

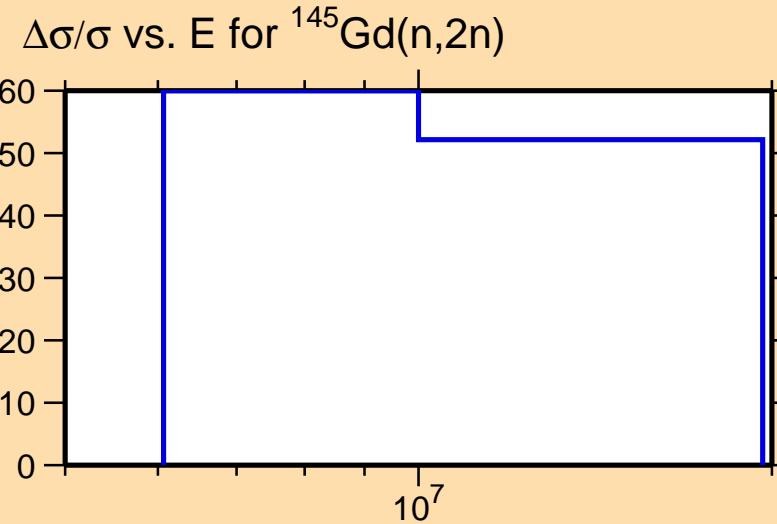
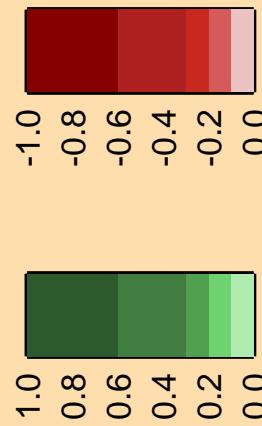


Correlation Matrix





Correlation Matrix



Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

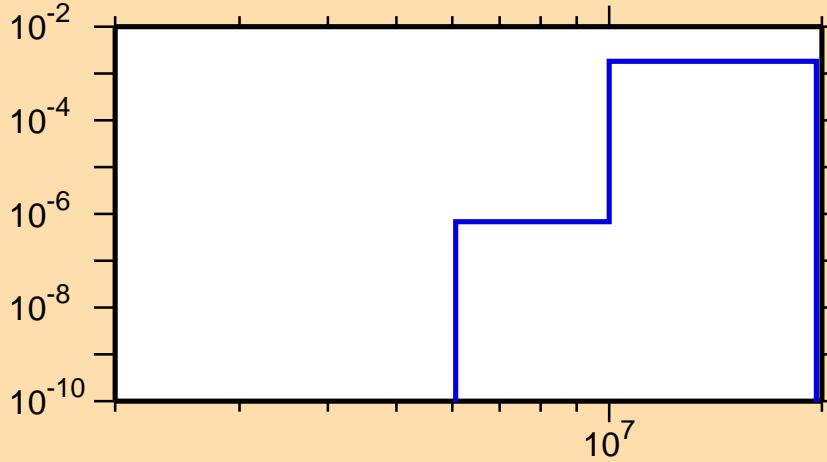
Warning: some uncertainty  
data were suppressed.

$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,n\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

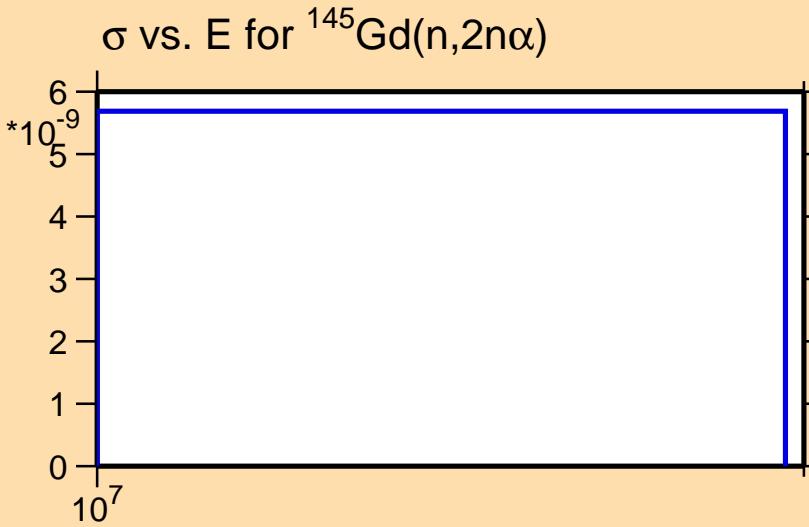


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2n\alpha)$

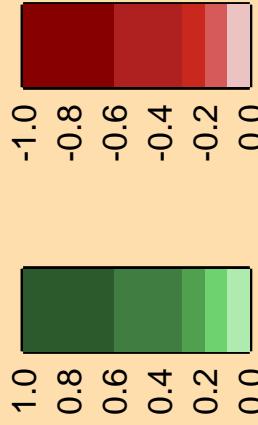
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

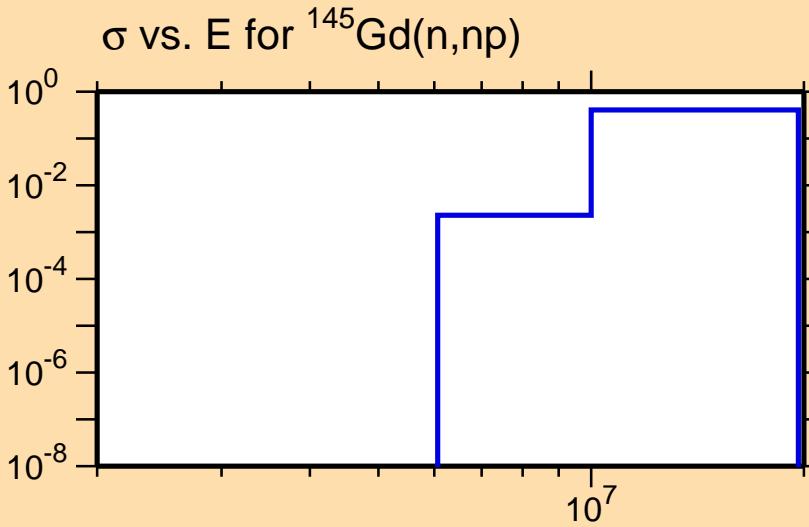


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{np})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

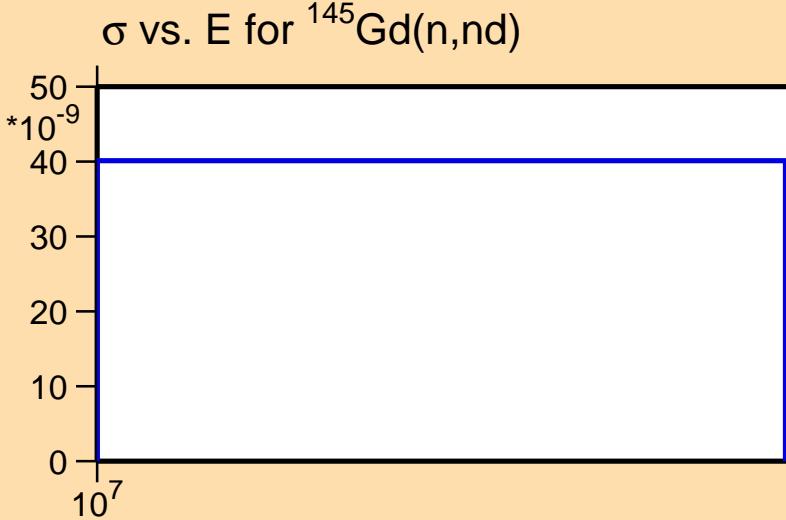
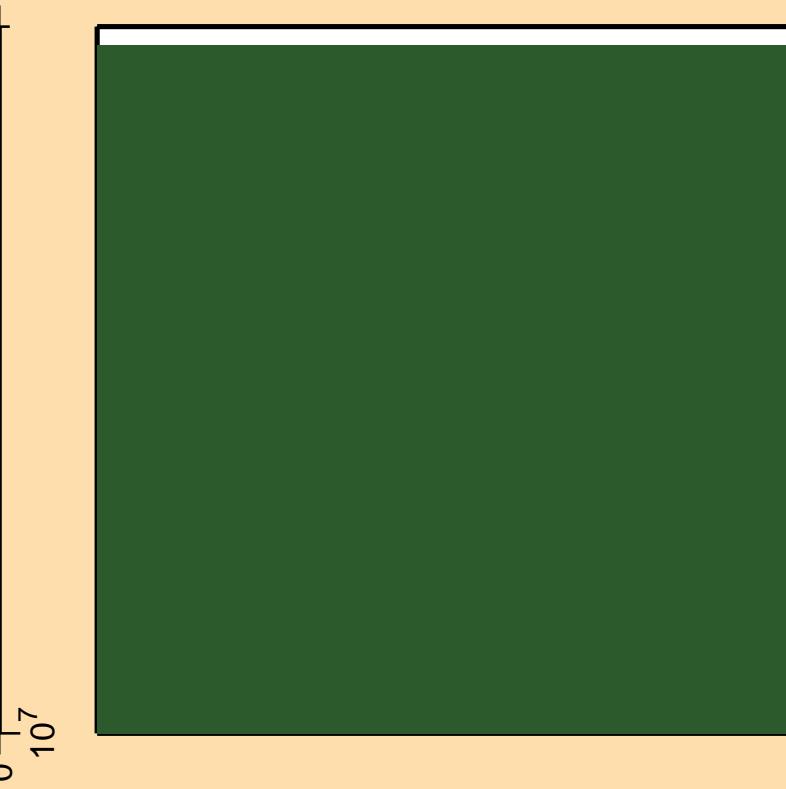


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{nd})$

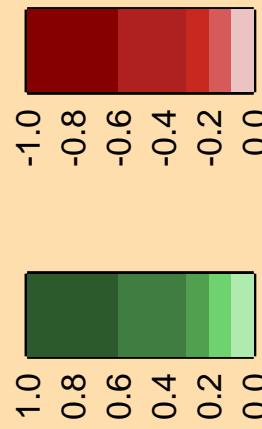
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

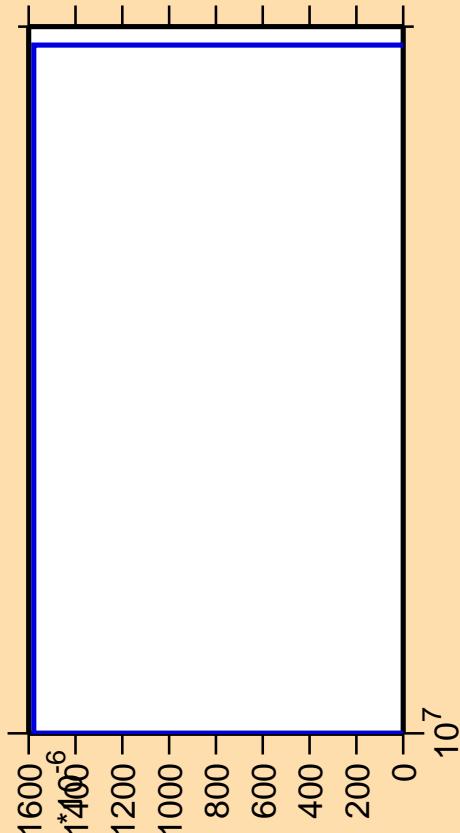


Correlation Matrix

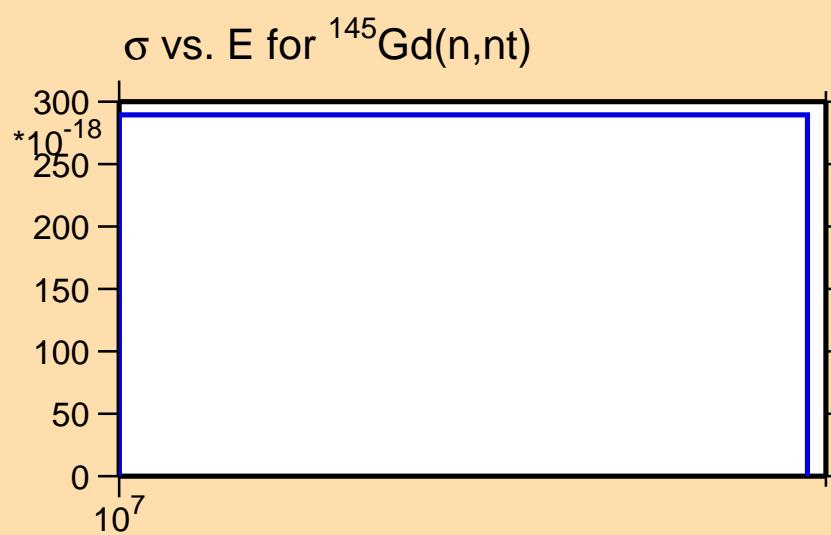


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{nt})$

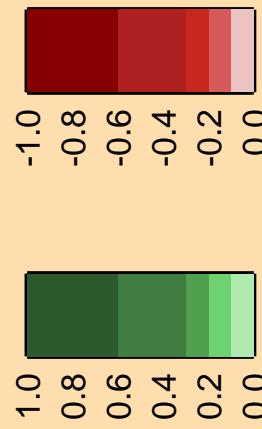
1600  
1400  
1200  
1000  
800  
600  
400  
200  
0



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



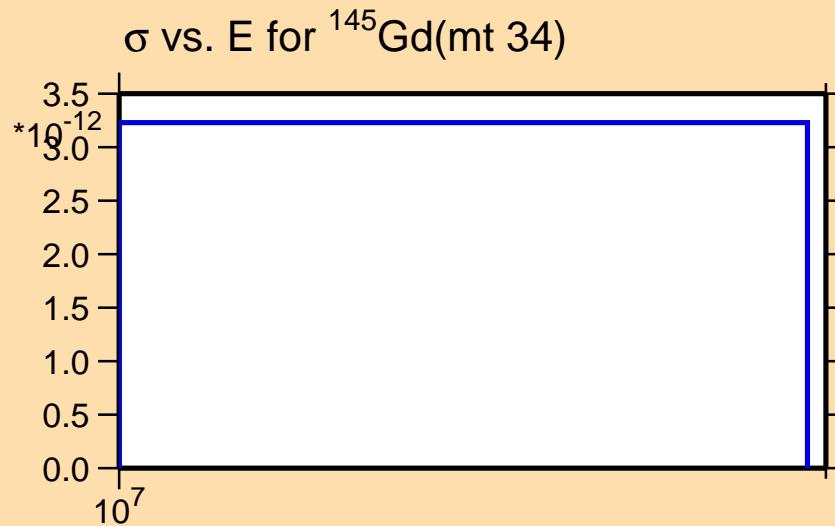
Correlation Matrix



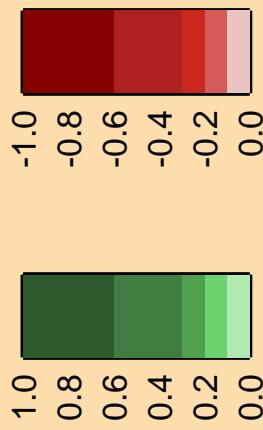
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(\text{mt 34})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

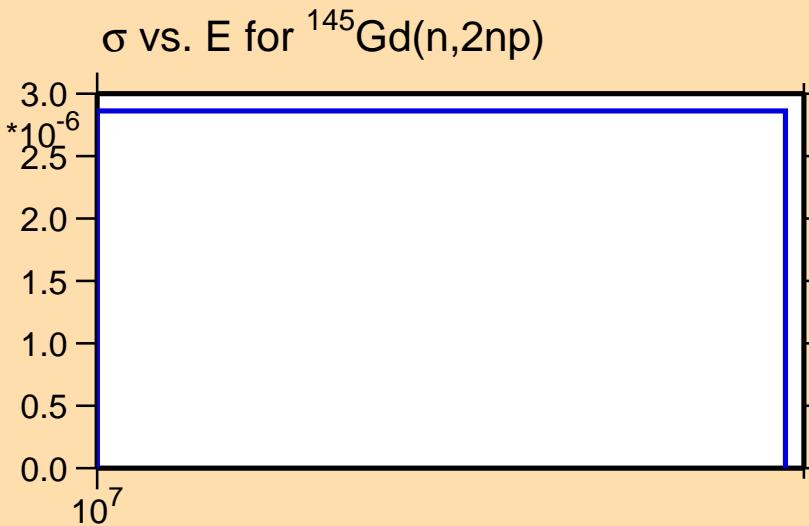


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,2\text{np})$

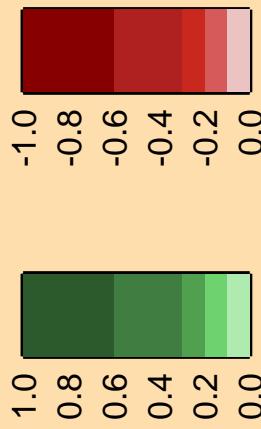
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

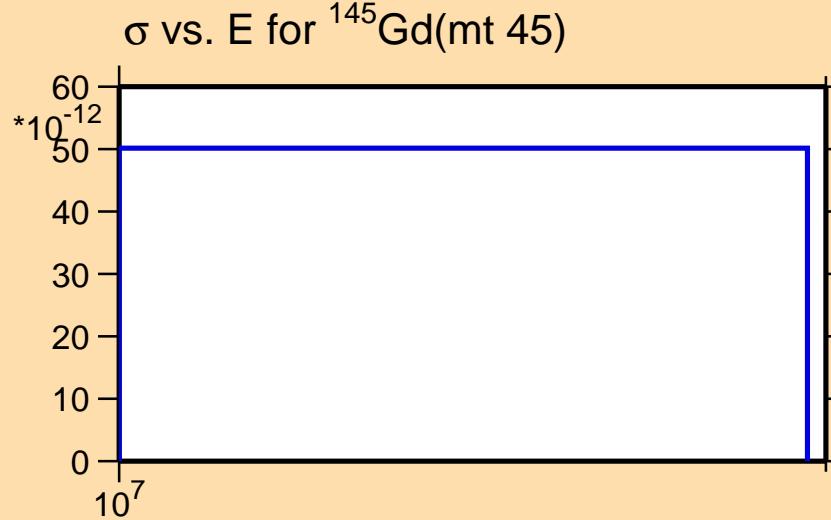
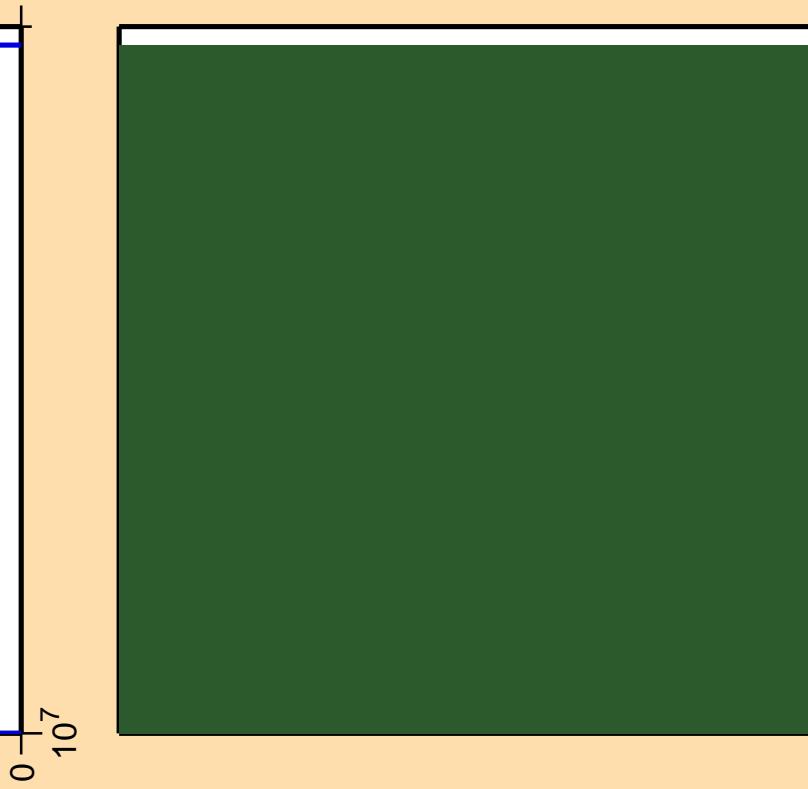


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(\text{mt } 45)$

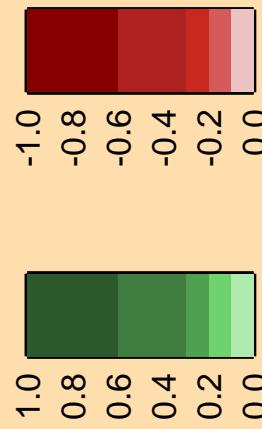
Ordinate scales are % relative  
standard deviation and barns.

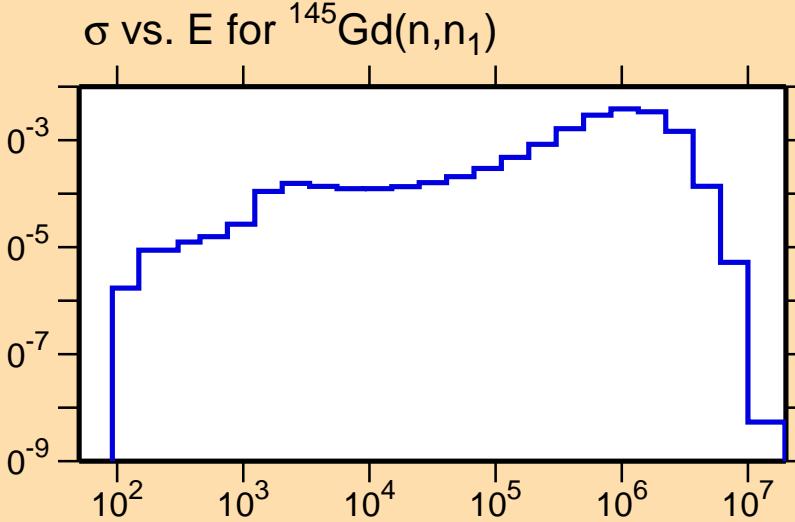
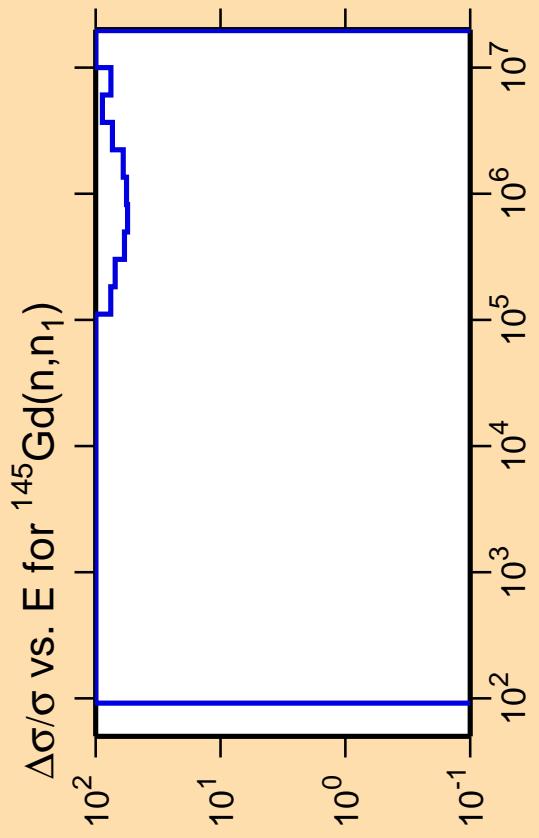
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

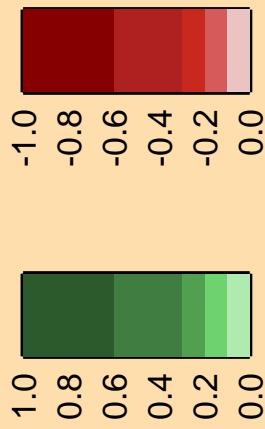


Correlation Matrix





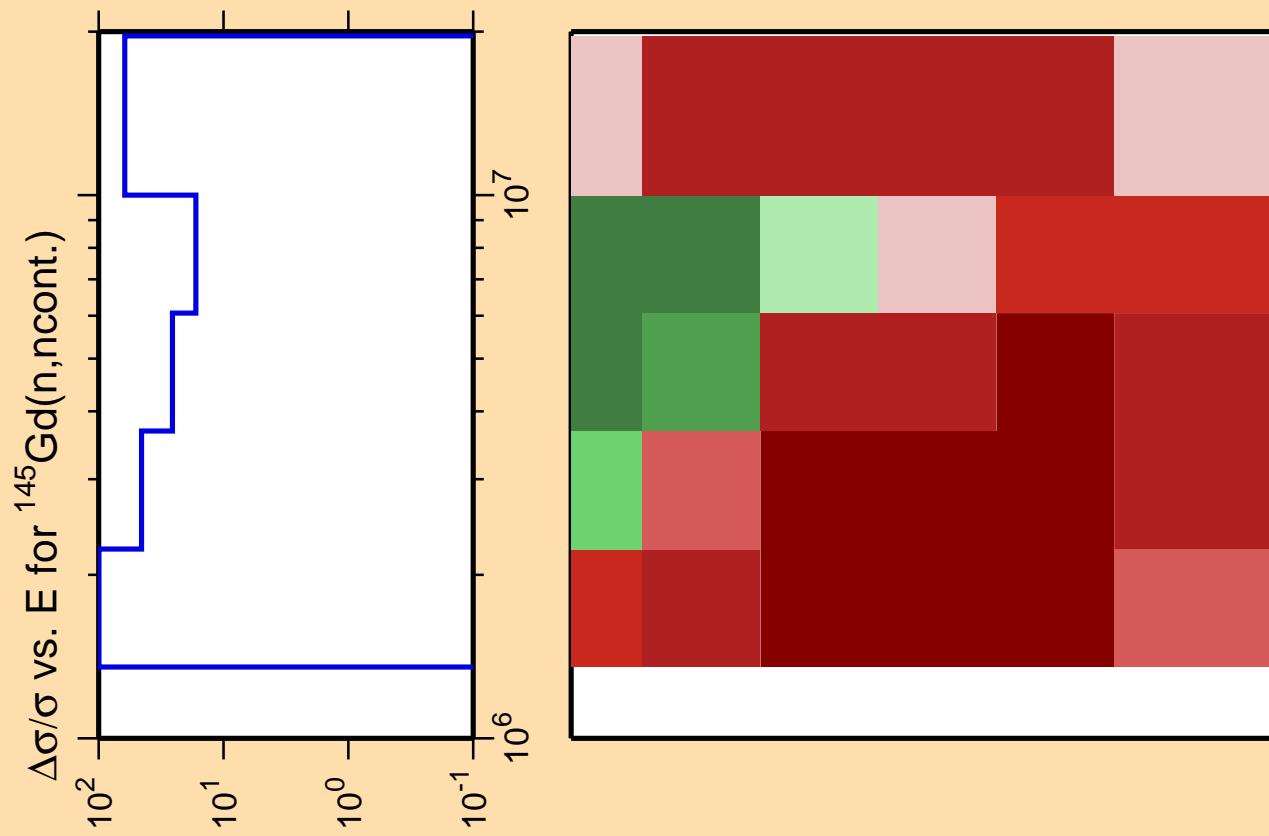
Correlation Matrix



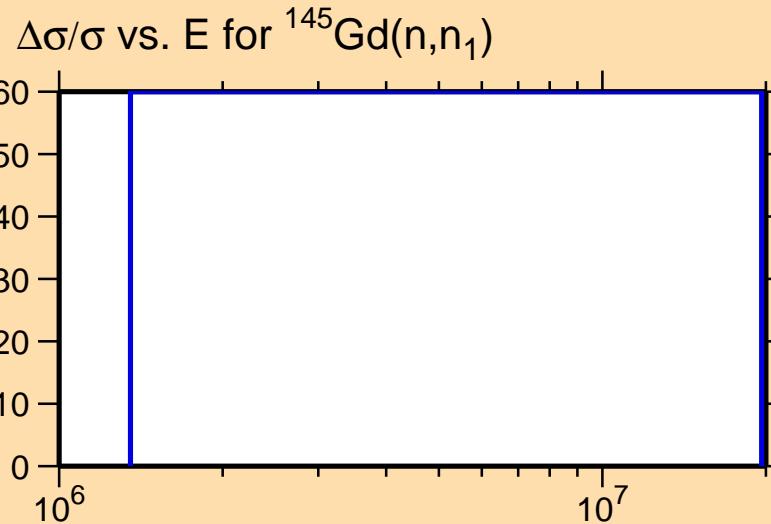
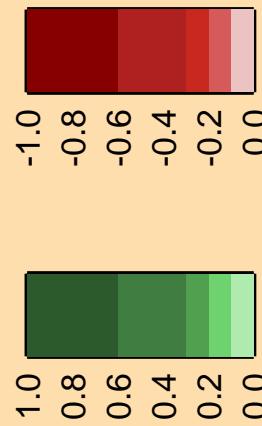
Ordinate scales are % relative standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



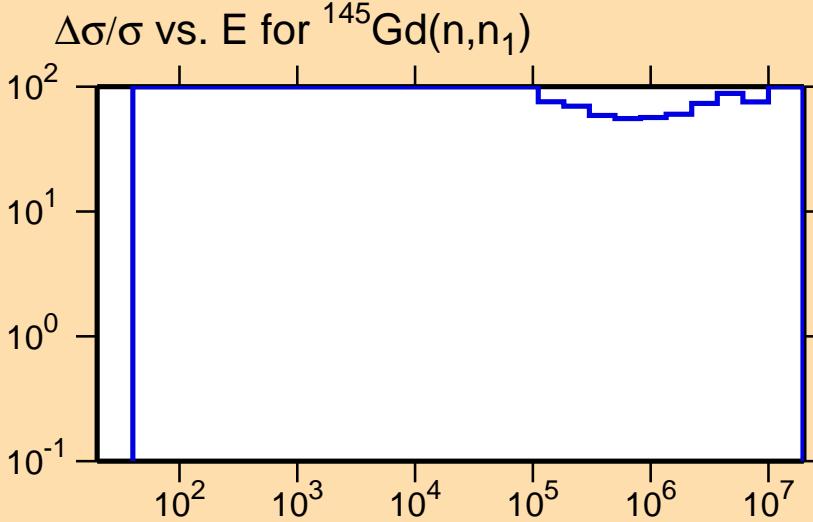
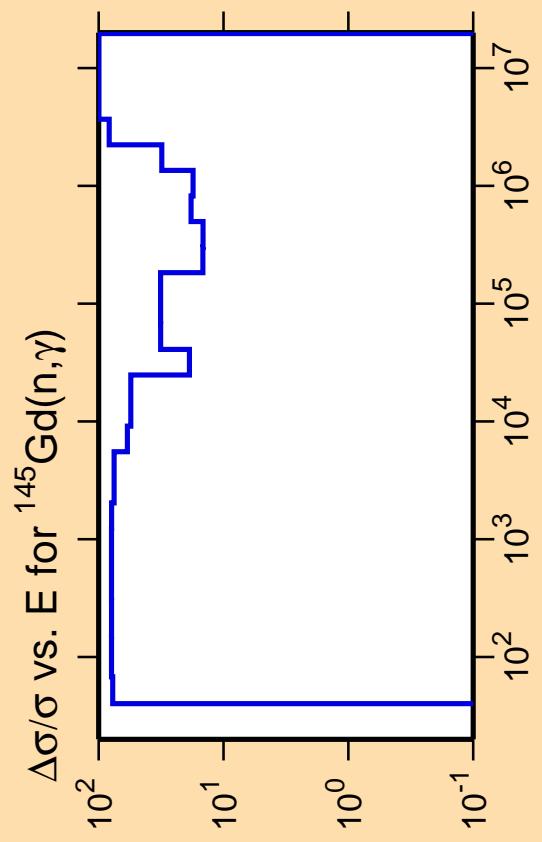
Correlation Matrix



Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

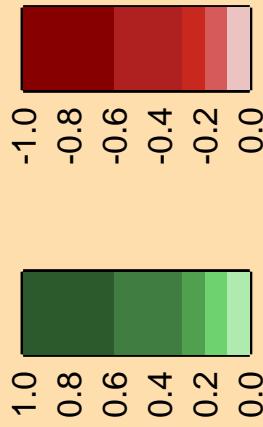


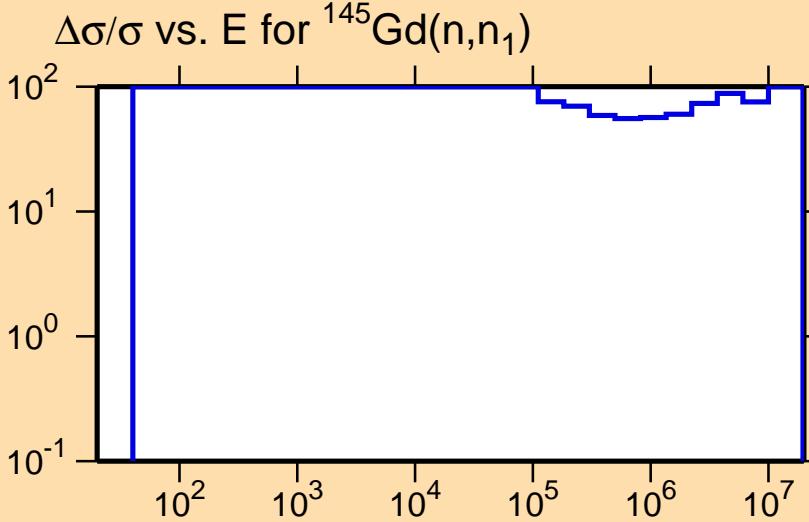
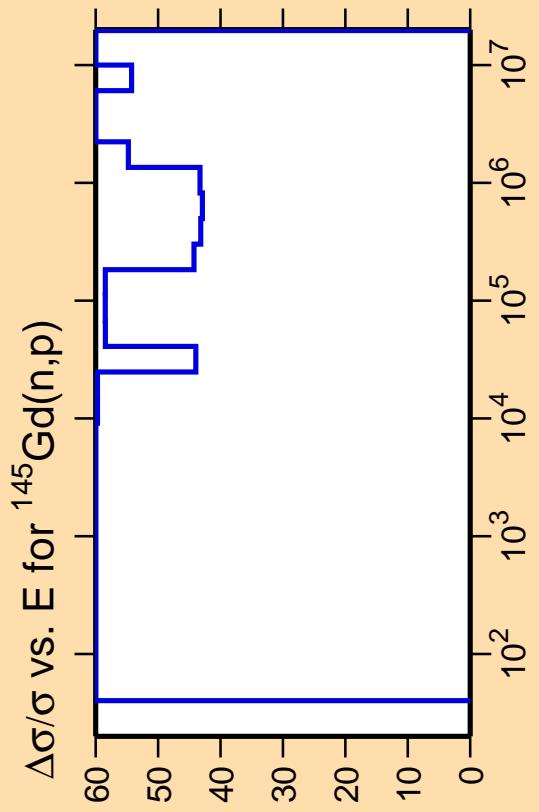
Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

Correlation Matrix

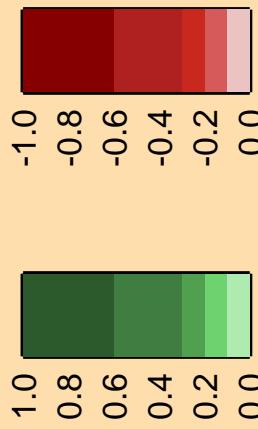


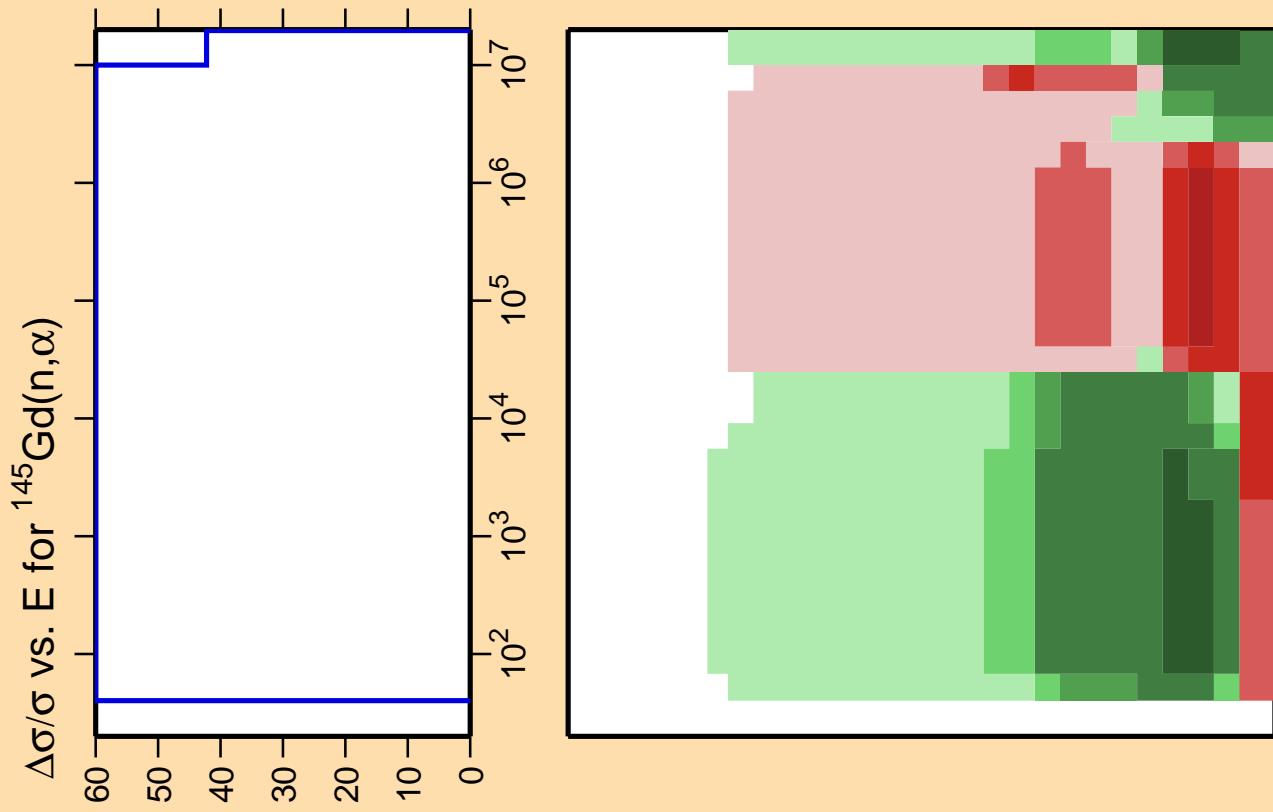


Ordinate scale is %  
relative standard deviation.

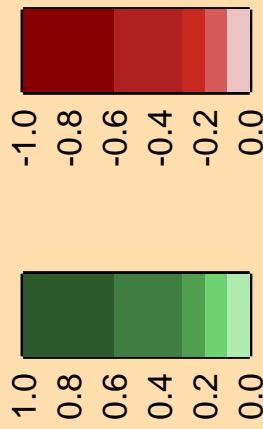
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

Correlation Matrix





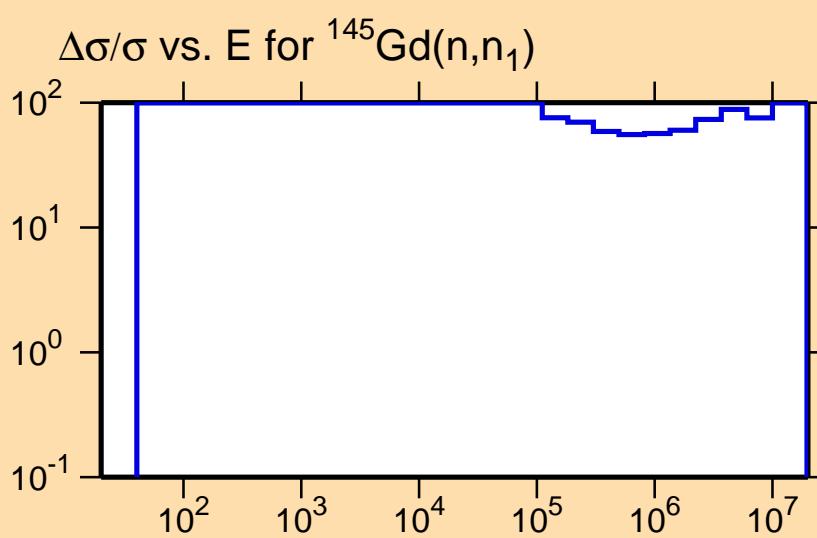
Correlation Matrix



Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.



$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,n_3)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

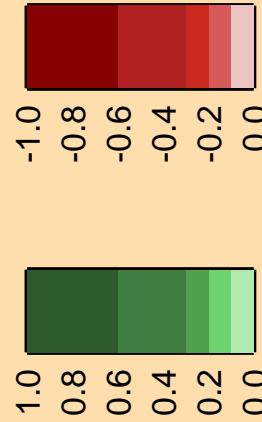
0 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup>

10<sup>-8</sup> 10<sup>-6</sup> 10<sup>-4</sup> 10<sup>-2</sup>

$\sigma$  vs. E for  $^{145}\text{Gd}(n,n_3)$

10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup>

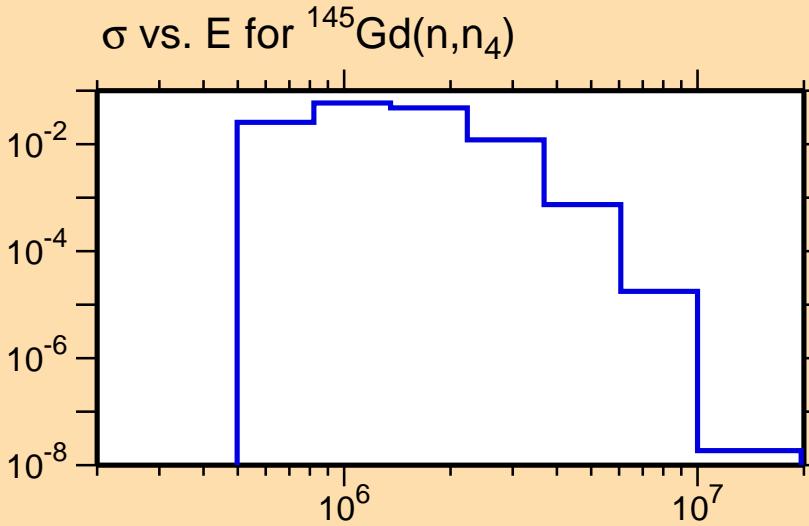
Correlation Matrix



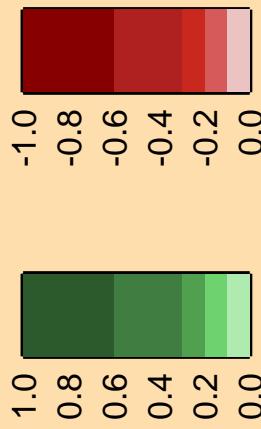
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,n_4)$

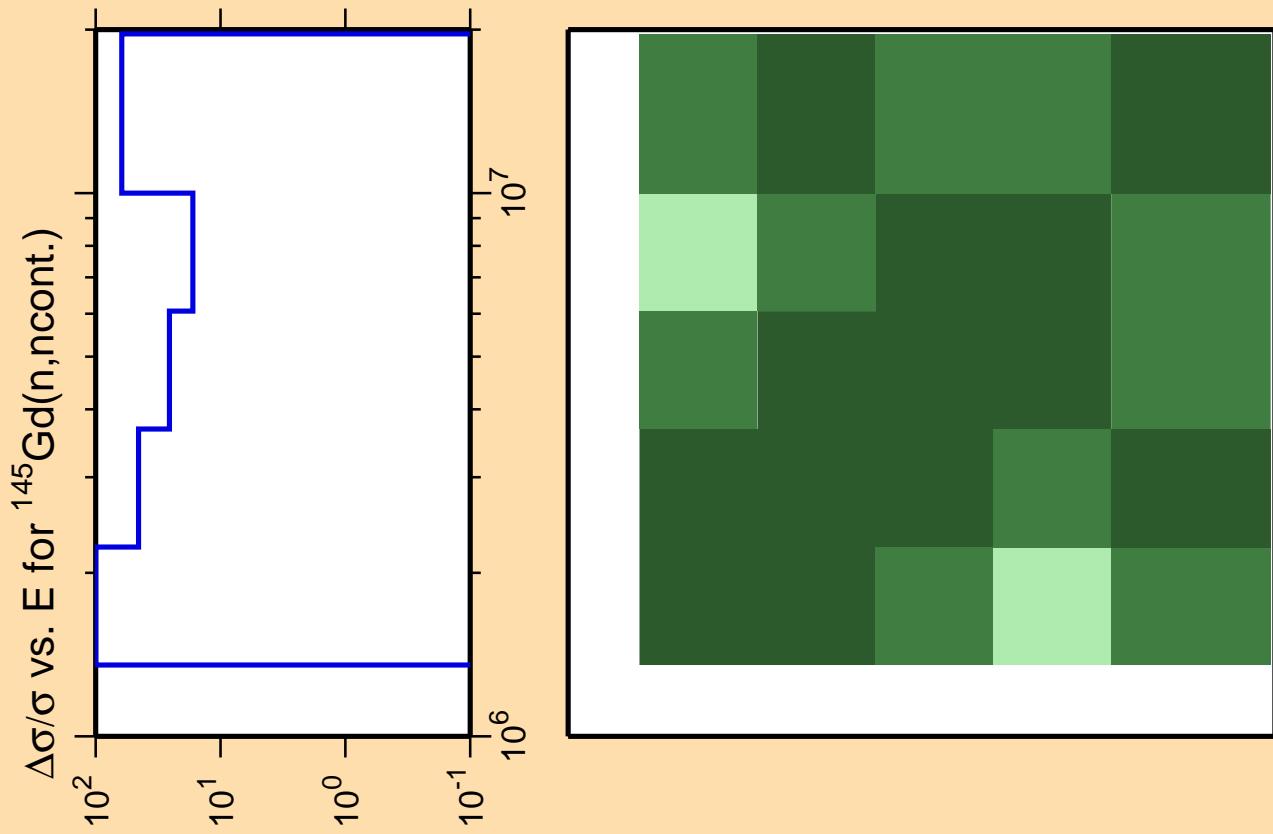
Ordinate scales are % relative  
standard deviation and barns.

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

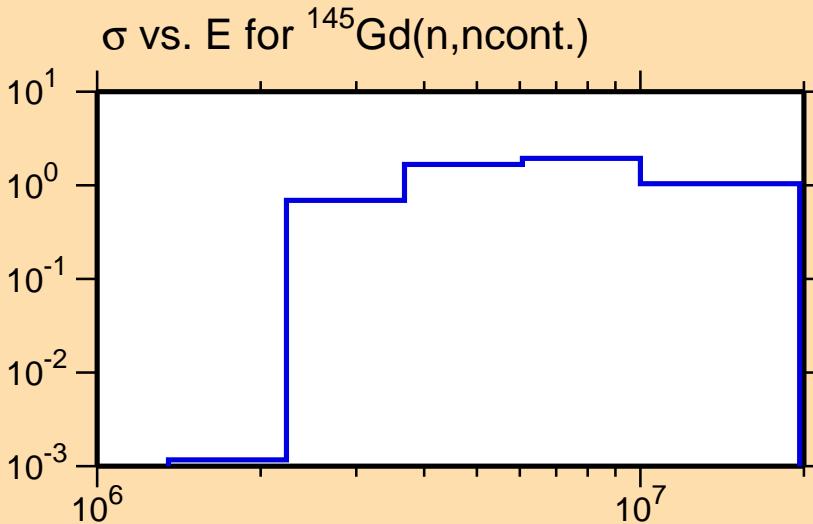
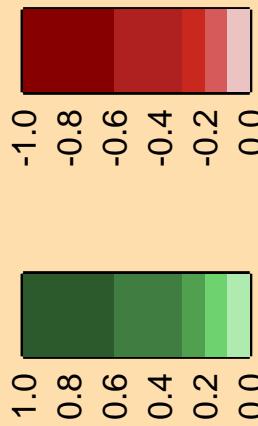


Correlation Matrix





Correlation Matrix

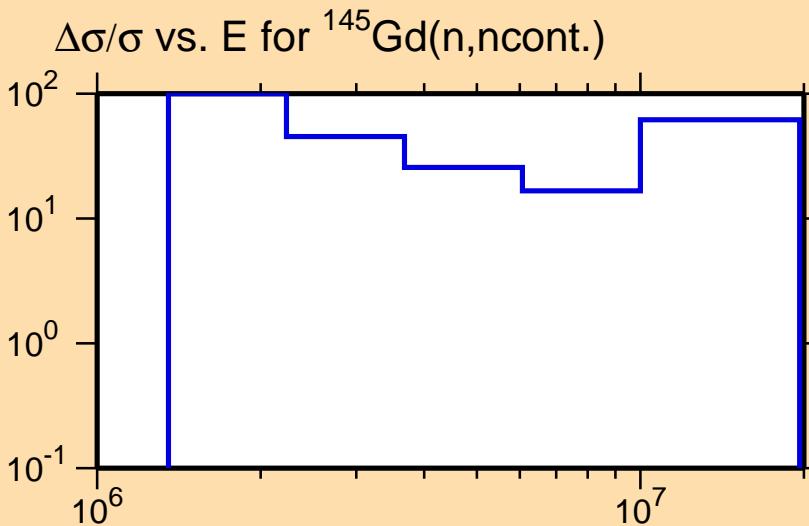


Ordinate scales are % relative  
standard deviation and barns.  
Abscissa scales are energy (eV).  
  
Warning: some uncertainty  
data were suppressed.

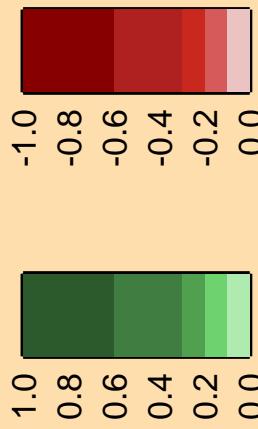
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\gamma)$

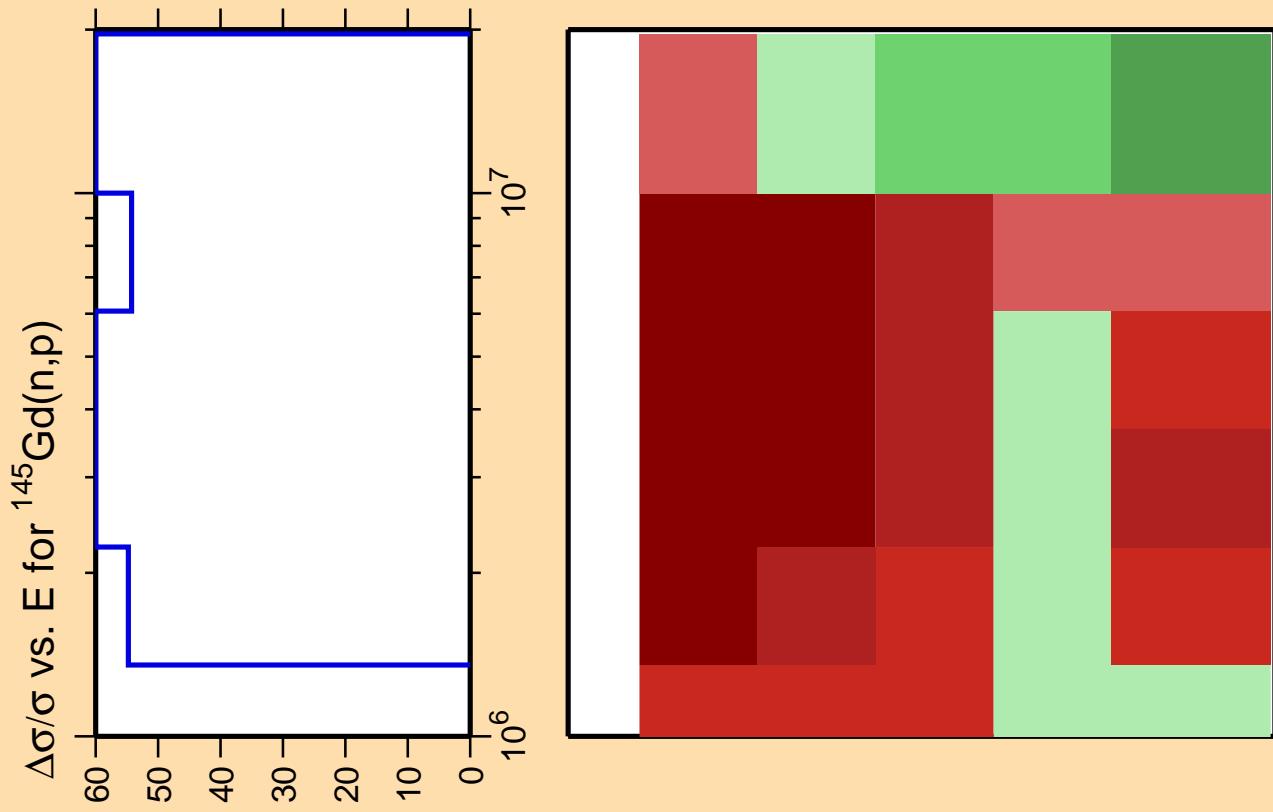
Ordinate scale is %  
relative standard deviation.

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

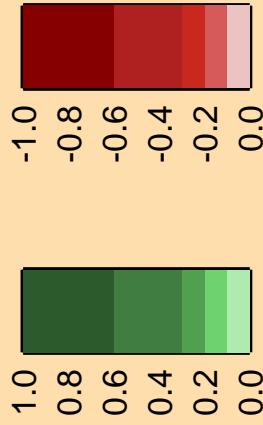


Correlation Matrix





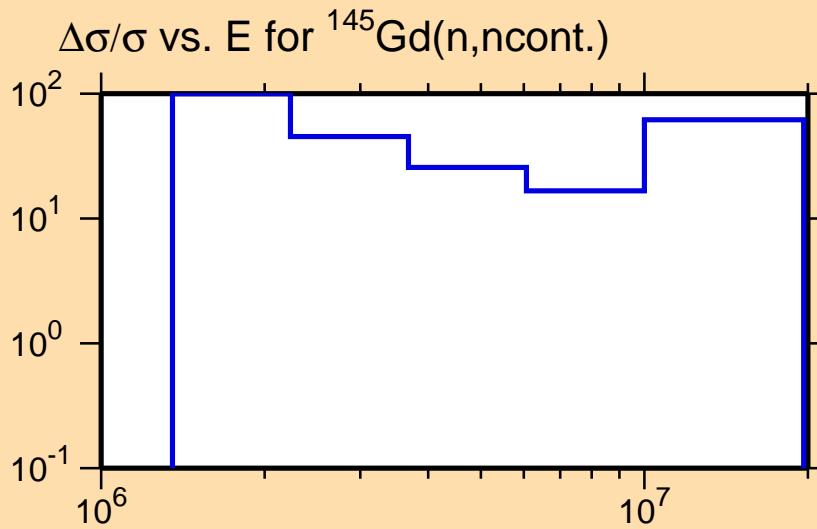
Correlation Matrix

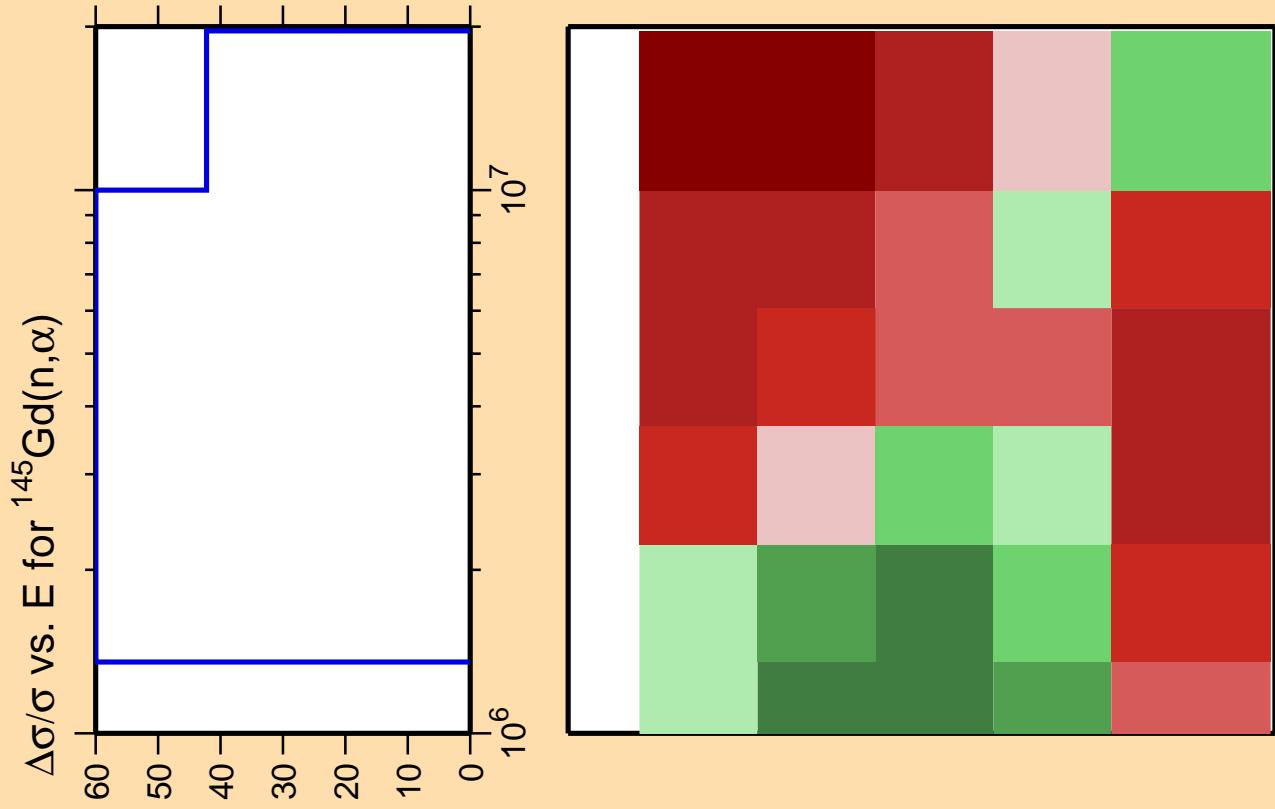


Ordinate scale is %  
relative standard deviation.

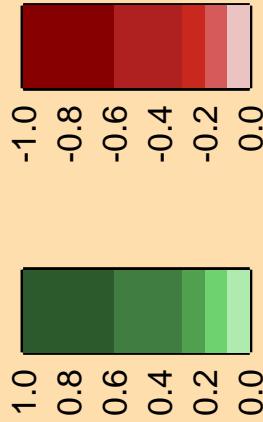
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

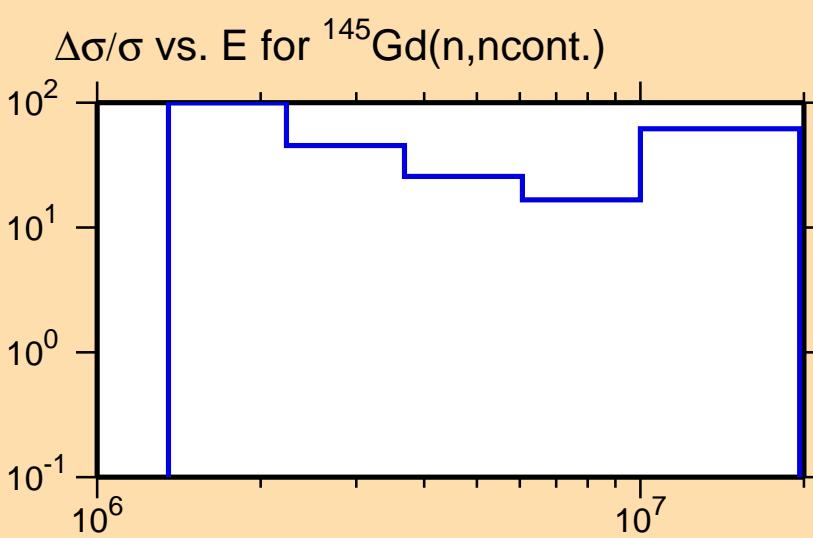




Correlation Matrix



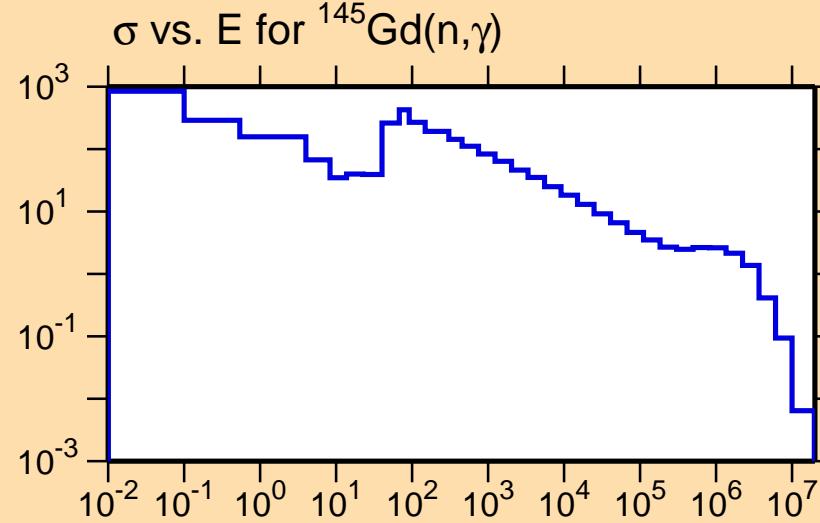
Ordinate scale is % relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty data were suppressed.



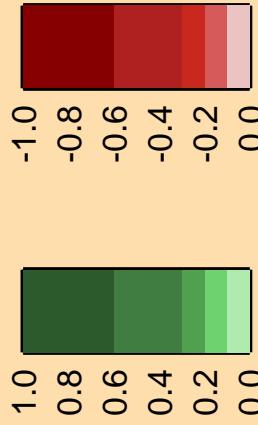
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\gamma)$

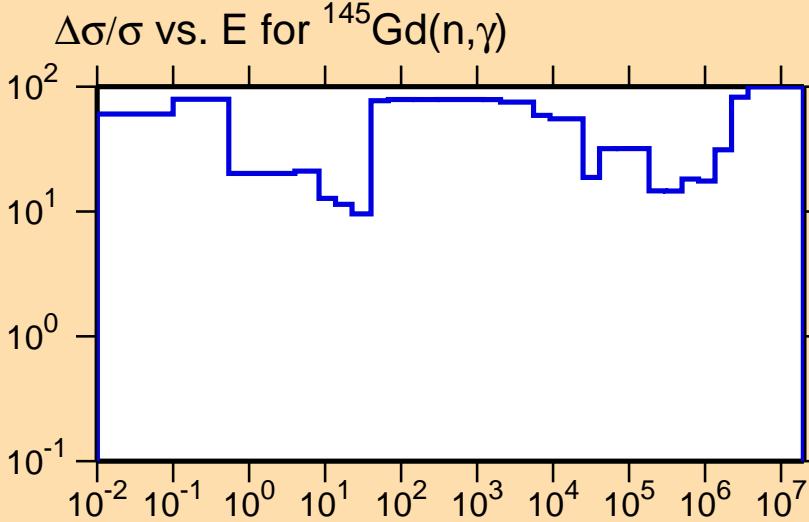
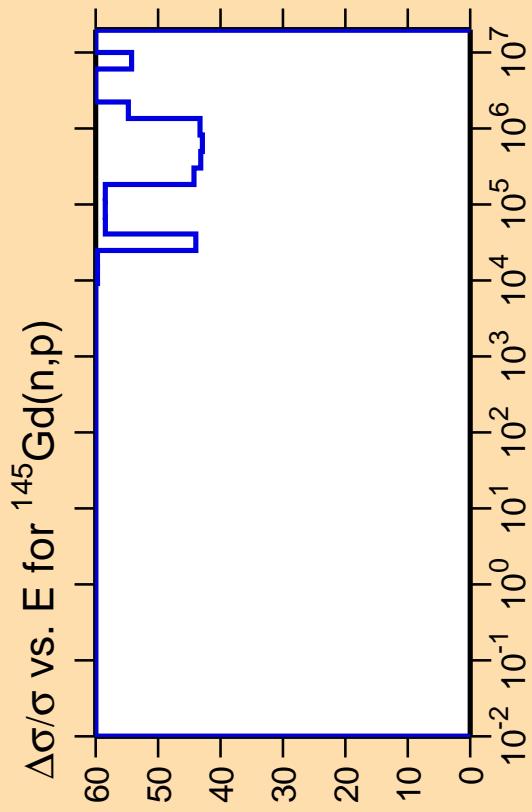
Ordinate scales are % relative  
standard deviation and barns.

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

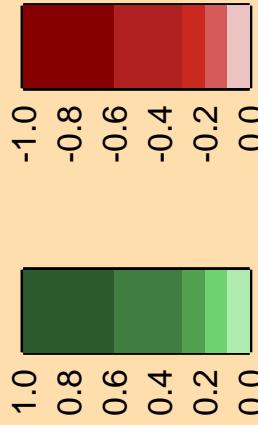


Correlation Matrix



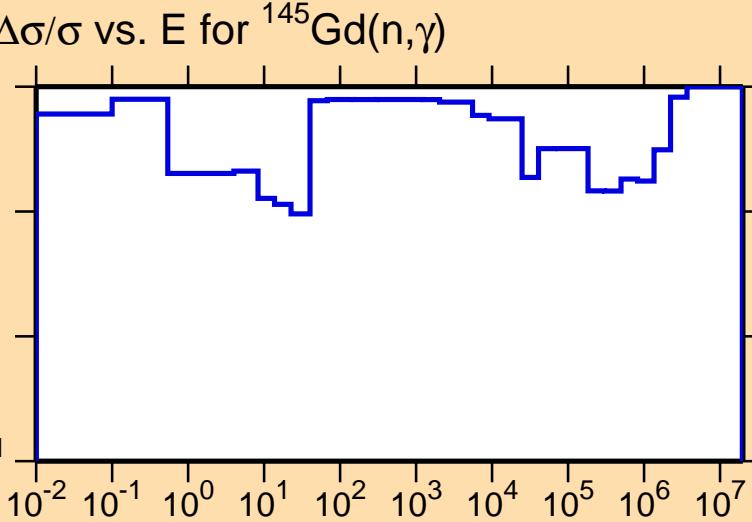
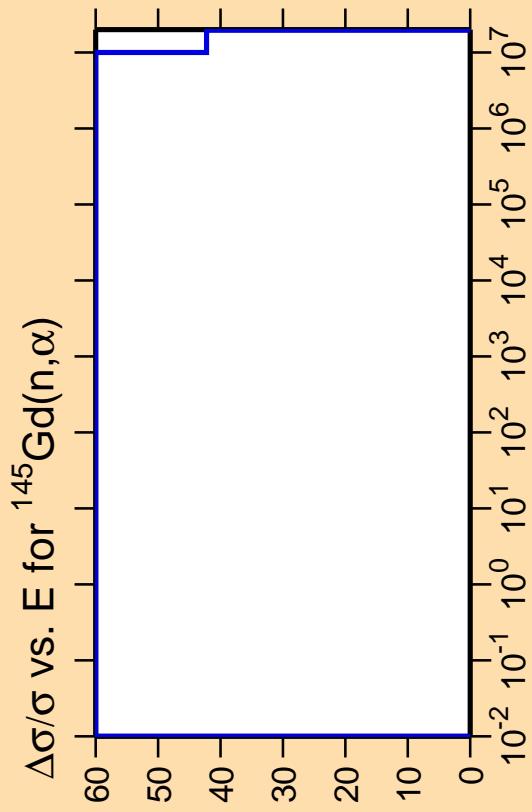


Correlation Matrix



Ordinate scale is %  
relative standard deviation.

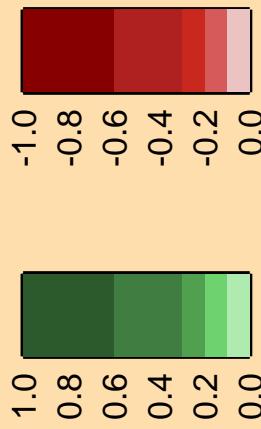
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Ordinate scale is %  
relative standard deviation.

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

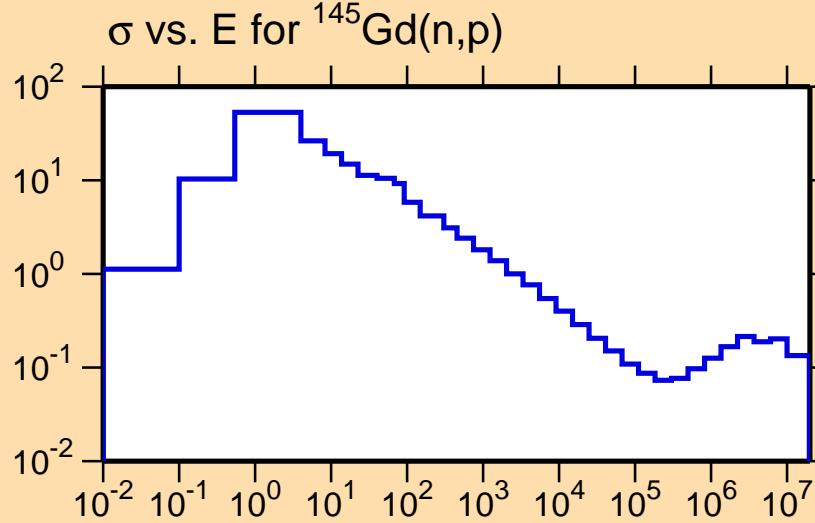
Correlation Matrix



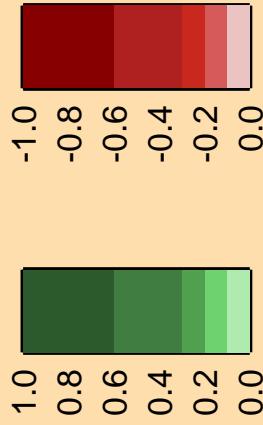
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,p)$

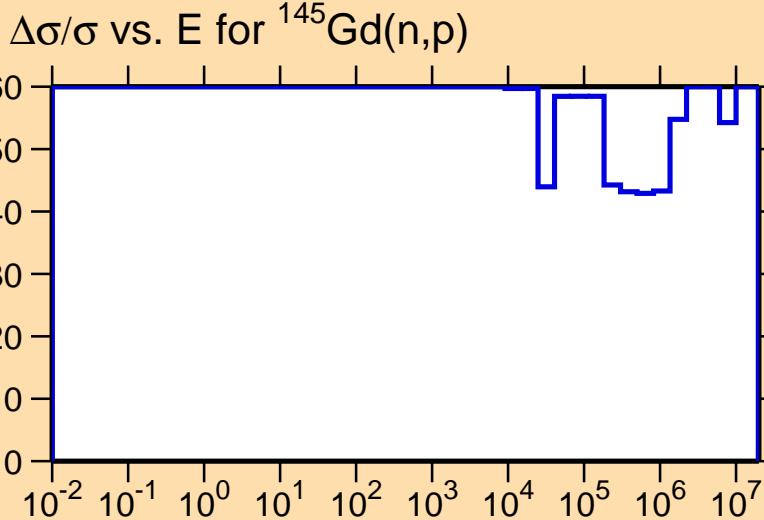
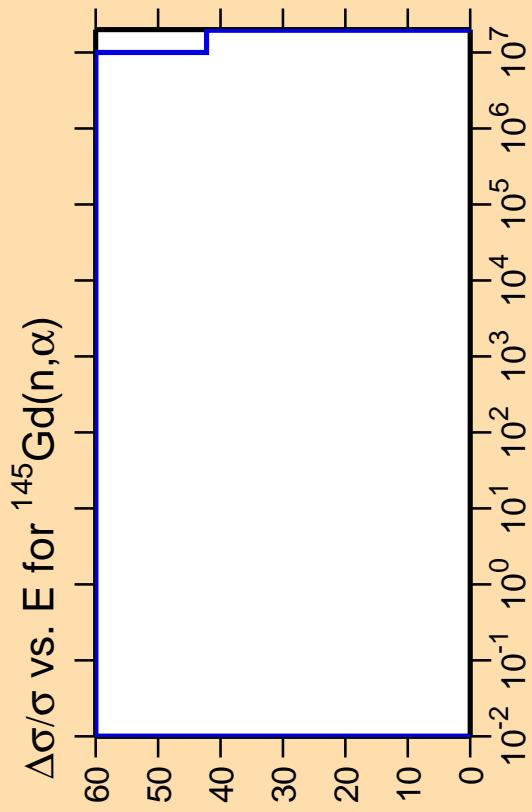
Ordinate scales are % relative  
standard deviation and barns.

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



Correlation Matrix



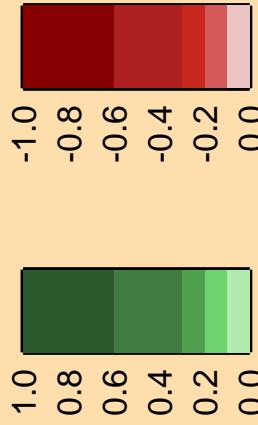


Ordinate scale is % relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

Correlation Matrix

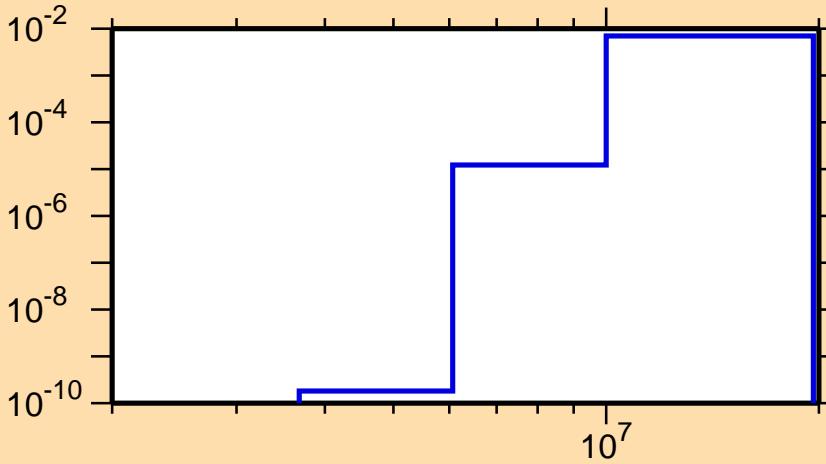


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,d)$

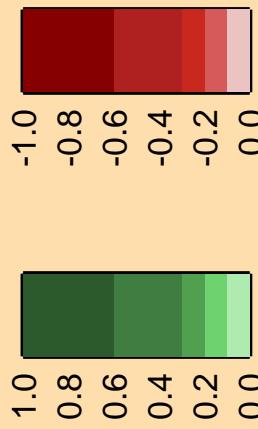
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

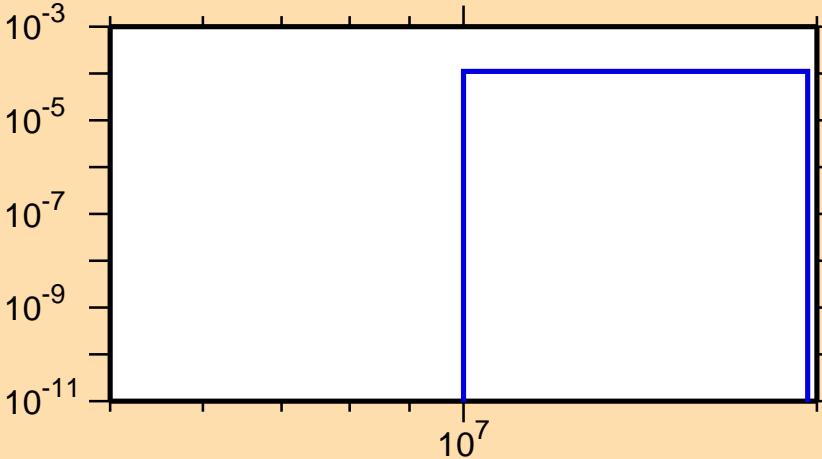


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,t)$

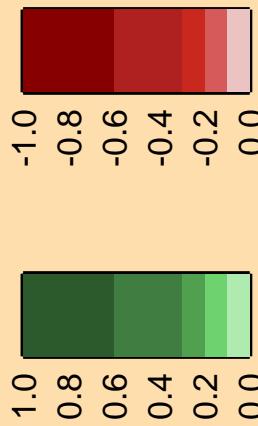
Ordinate scales are % relative  
standard deviation and barns.

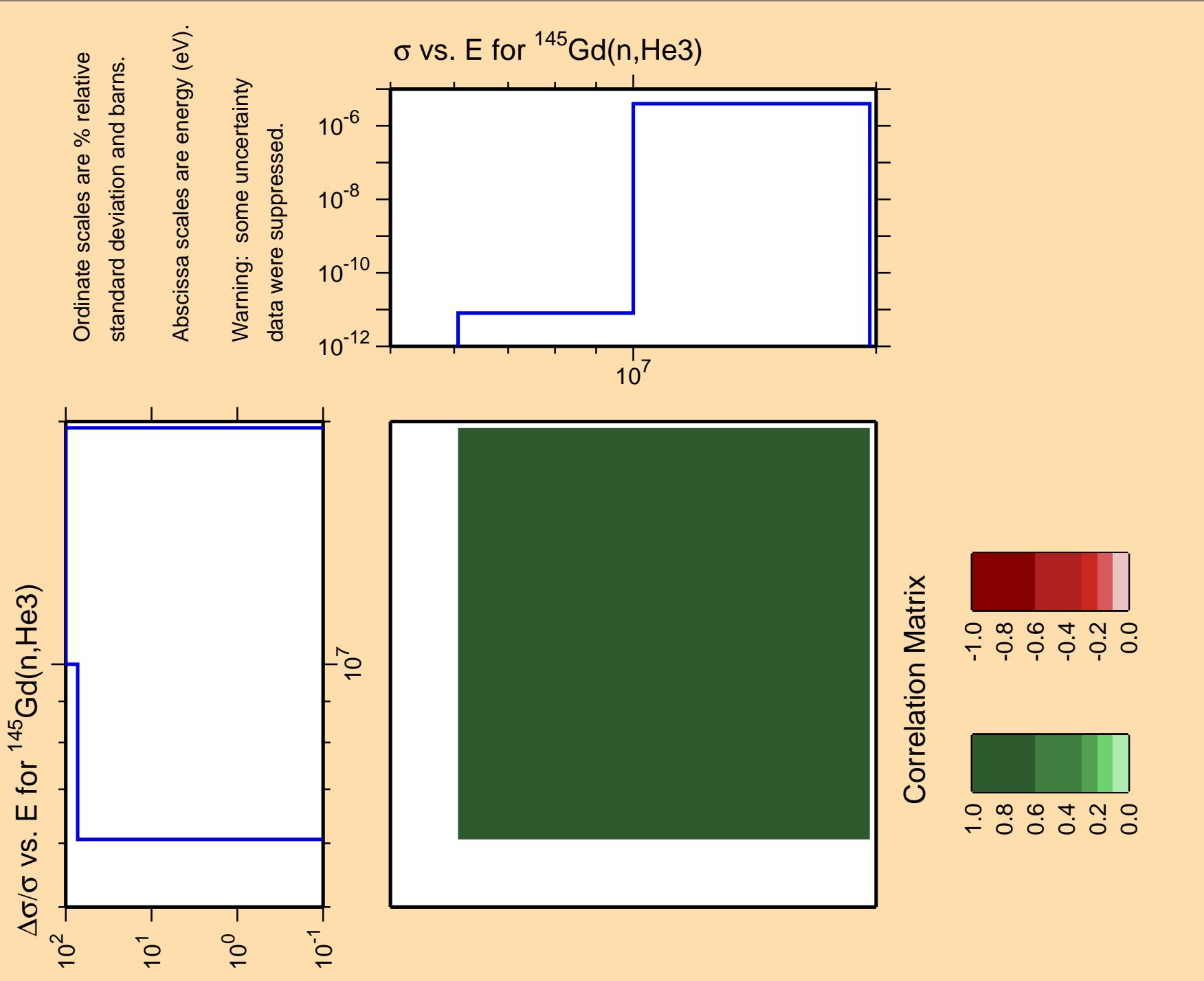
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

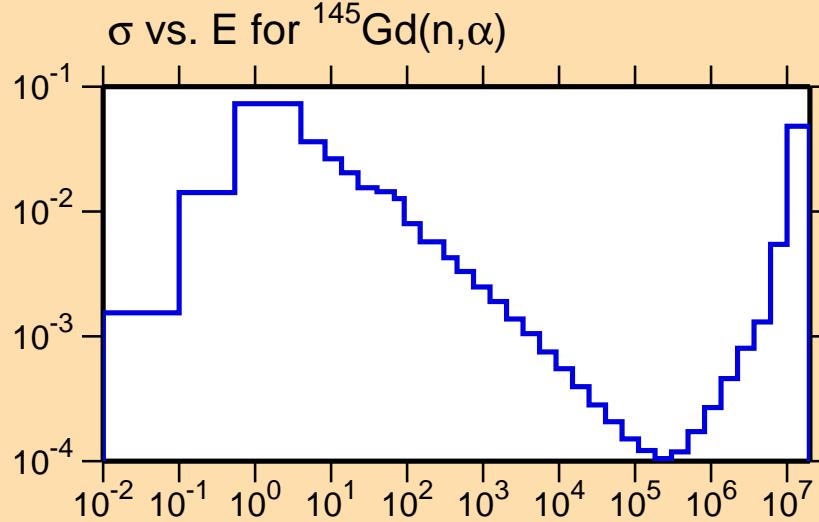




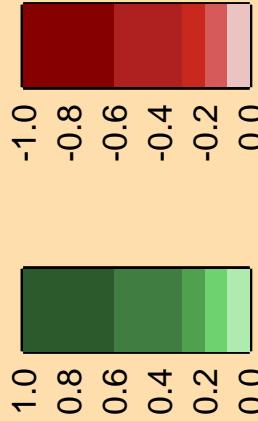
$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

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



Correlation Matrix

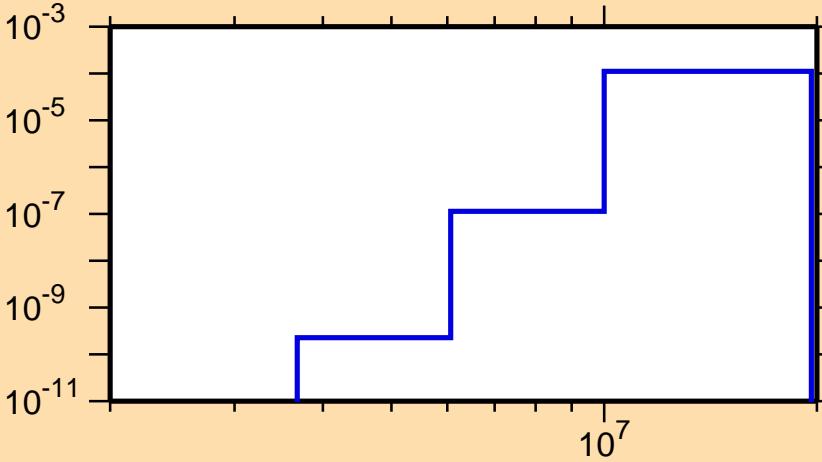


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{p}\alpha)$

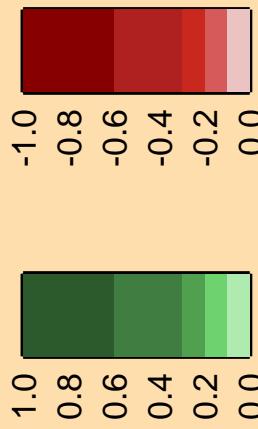
Ordinate scales are % relative  
standard deviation and barns.

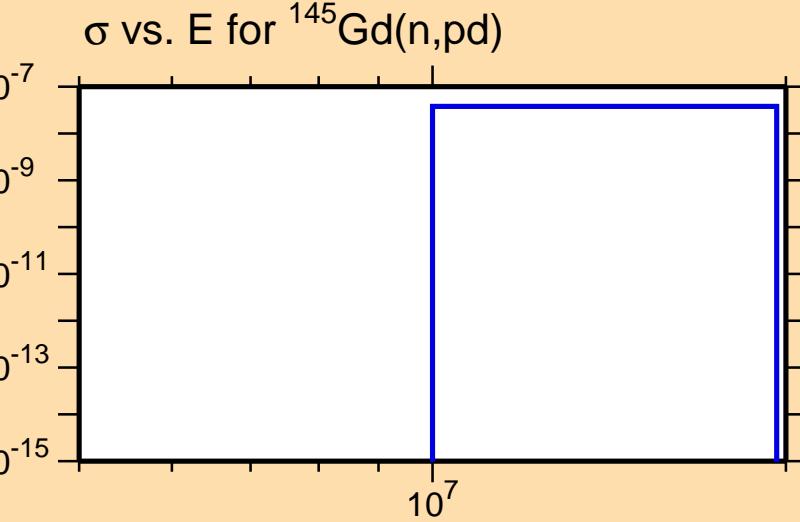
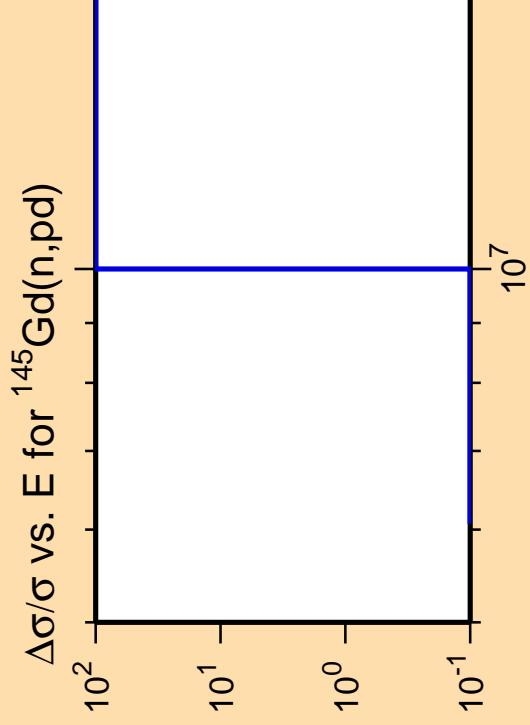
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

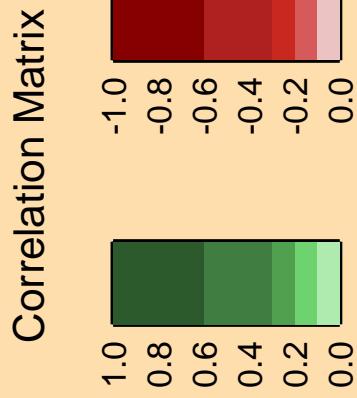




Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

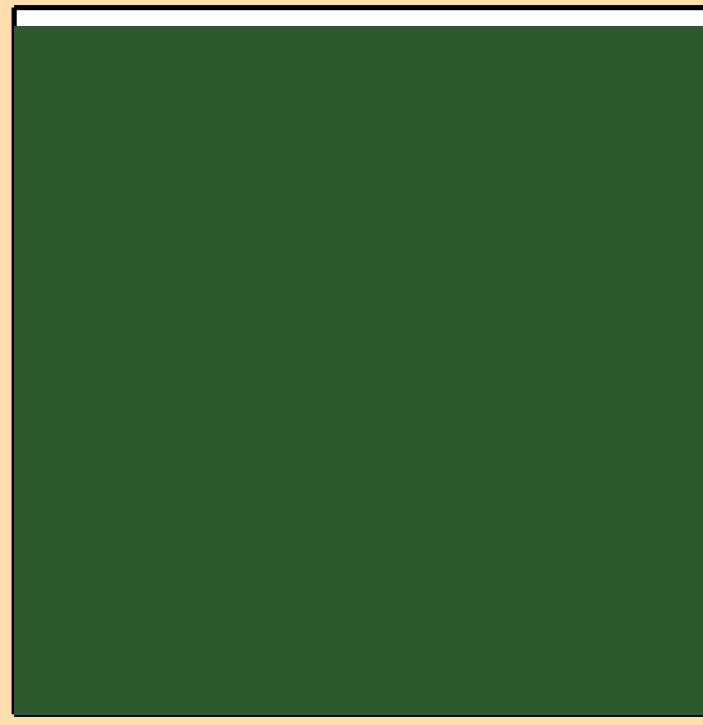
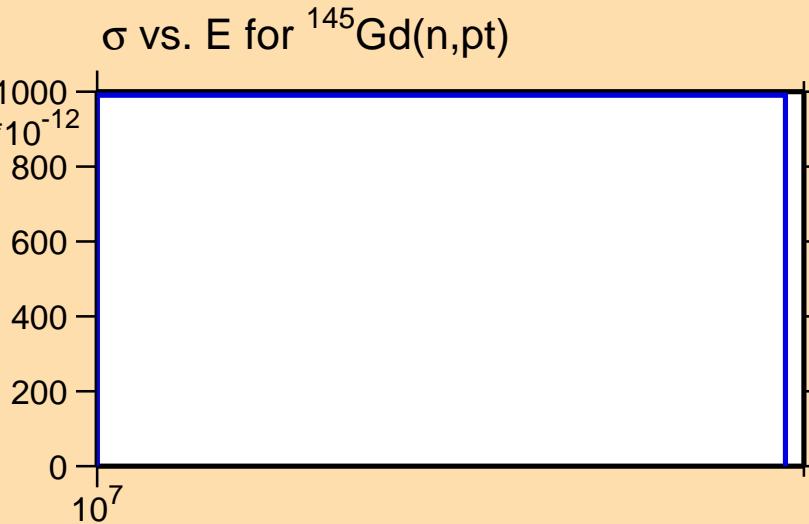


$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(n,\text{pt})$

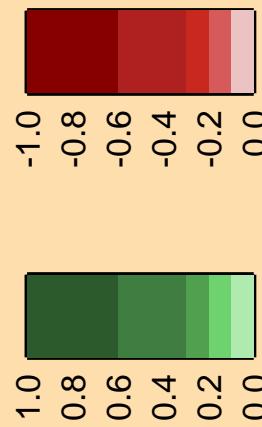
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



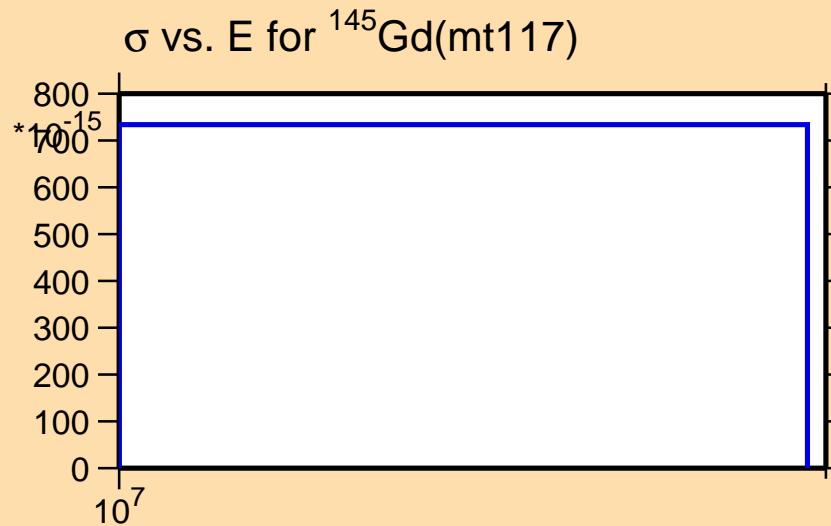
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{145}\text{Gd}(\text{mt}117)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

