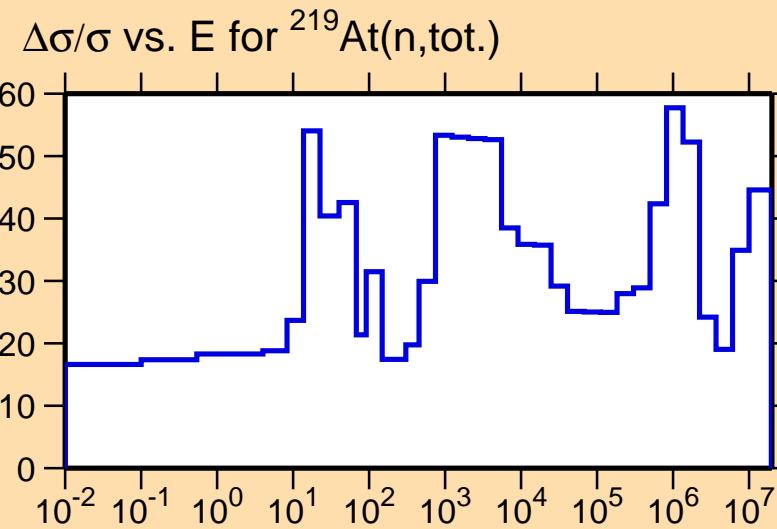


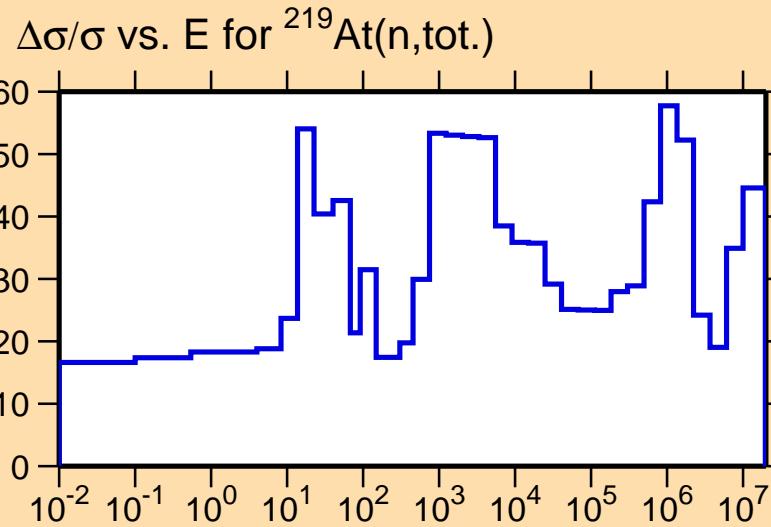
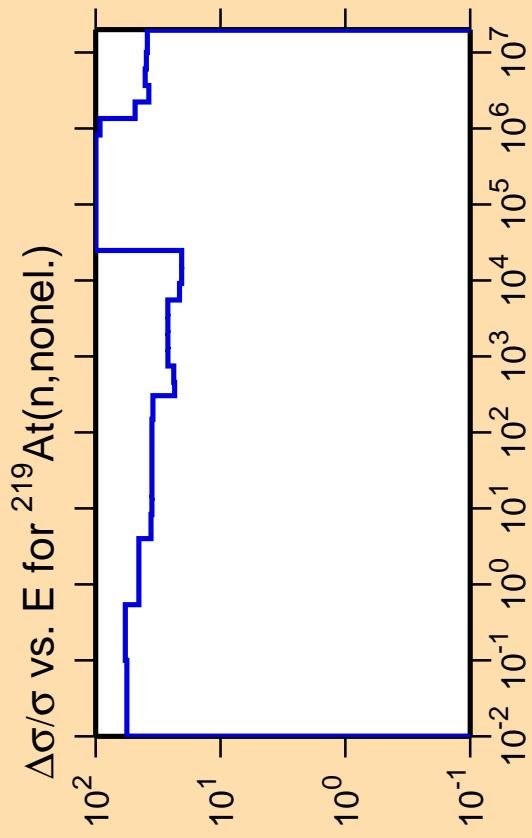
Ordinate scale is %  
relative standard deviation.

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

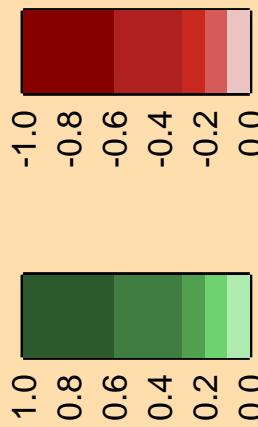


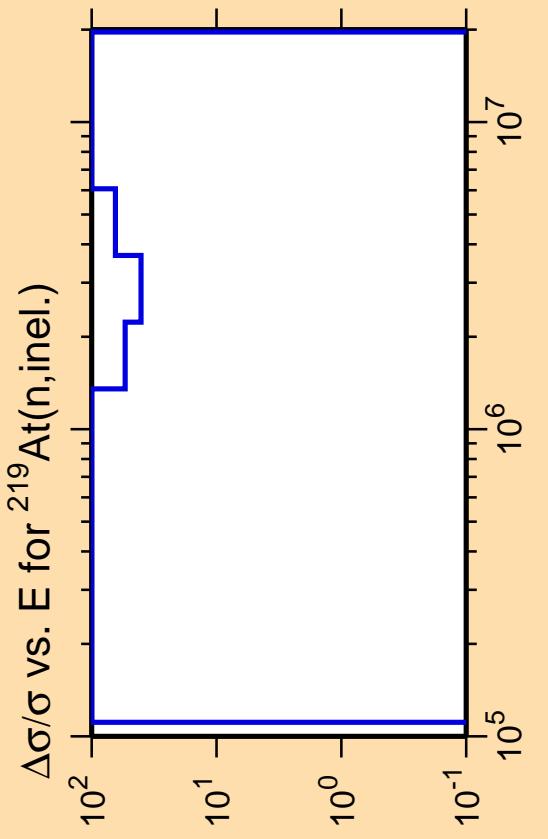
Correlation Matrix





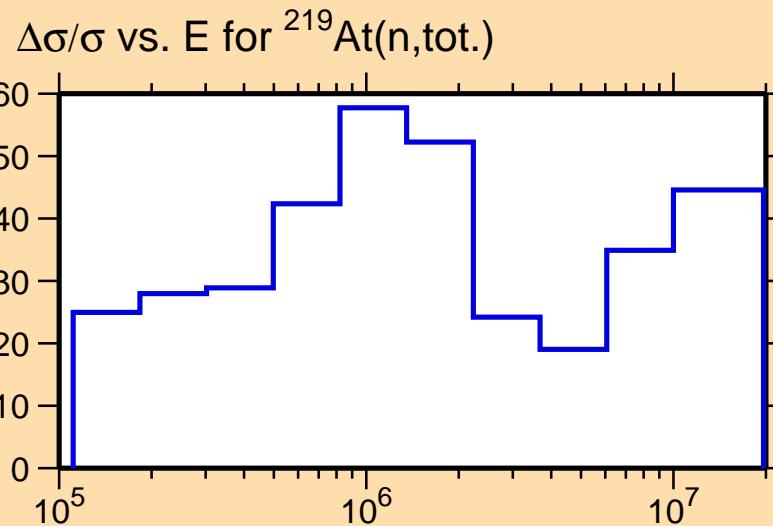
Correlation Matrix



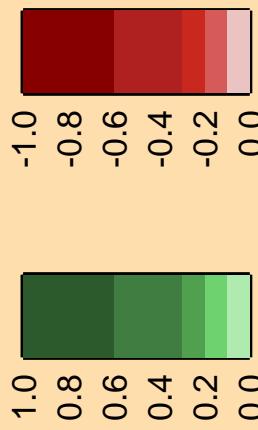


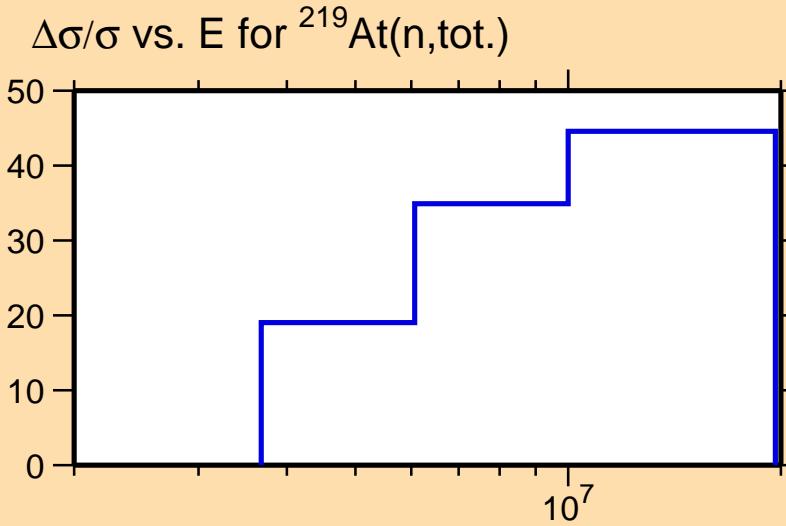
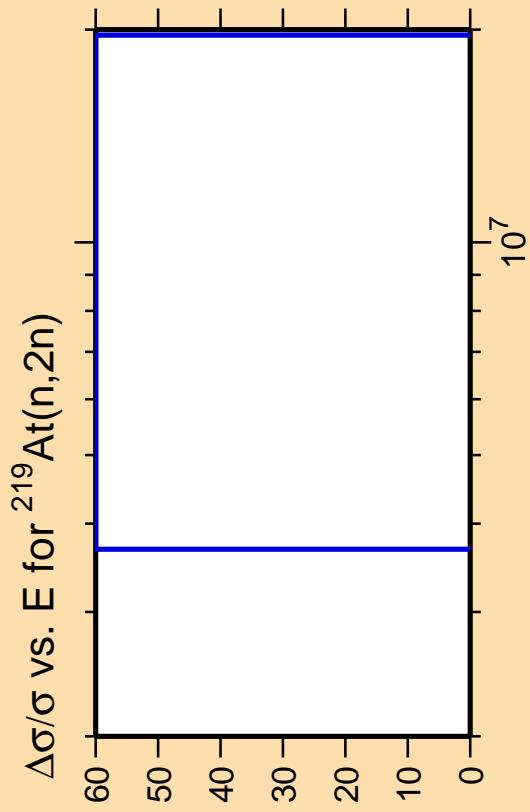
Ordinate scale is %  
relative standard deviation.

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



Correlation Matrix

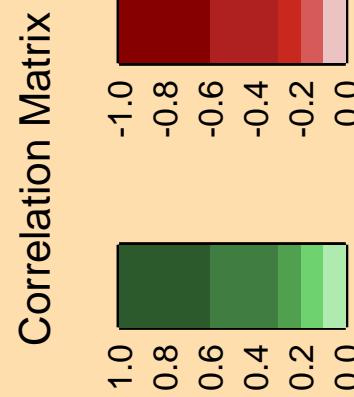


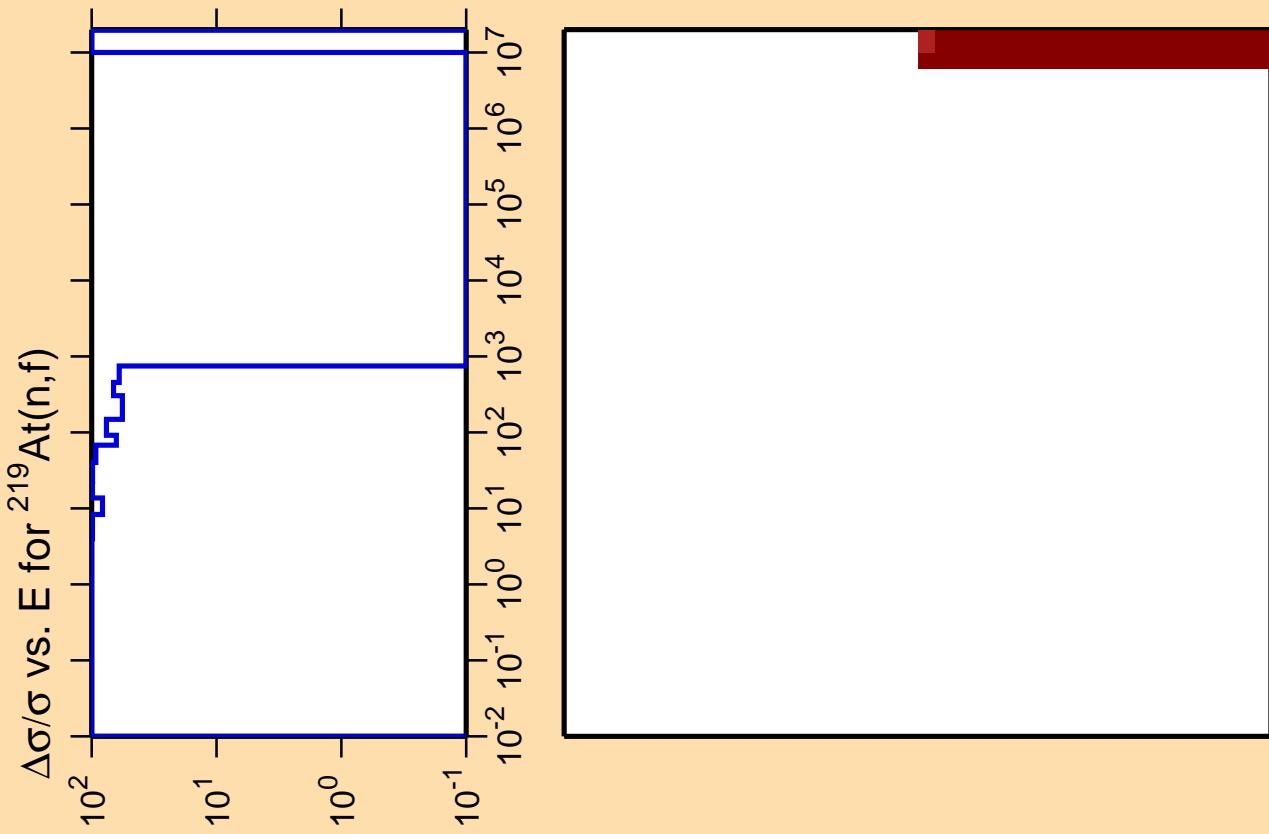


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

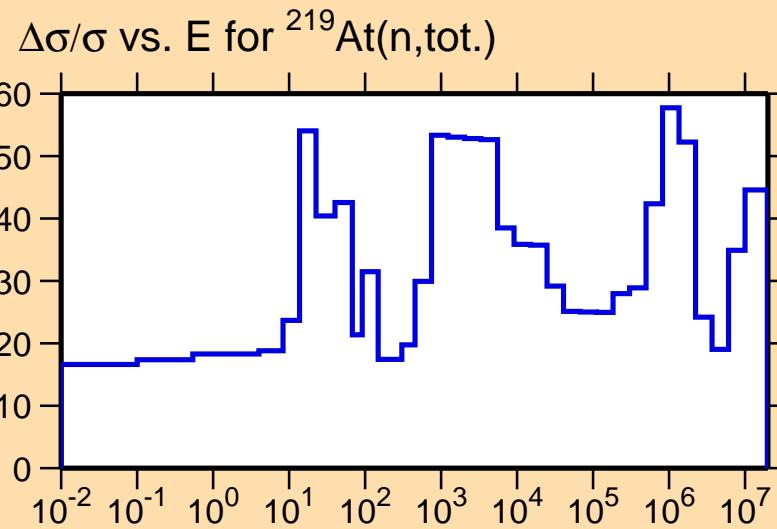
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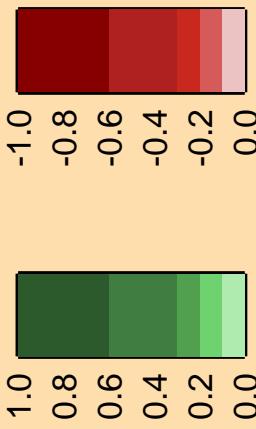


Ordinate scale is %  
relative standard deviation.

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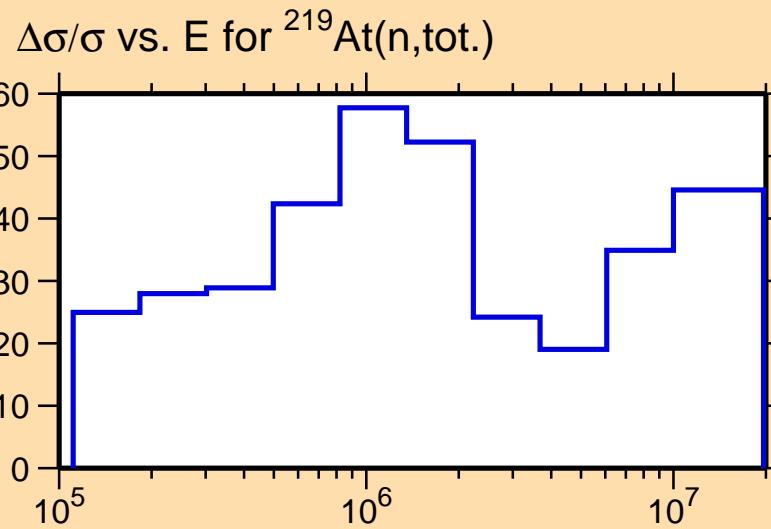
Correlation Matrix



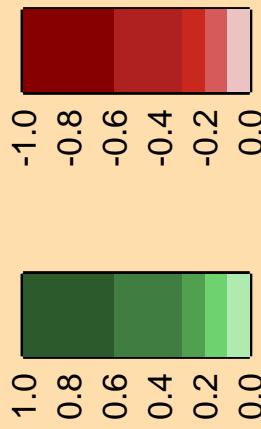
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{n}_1)$

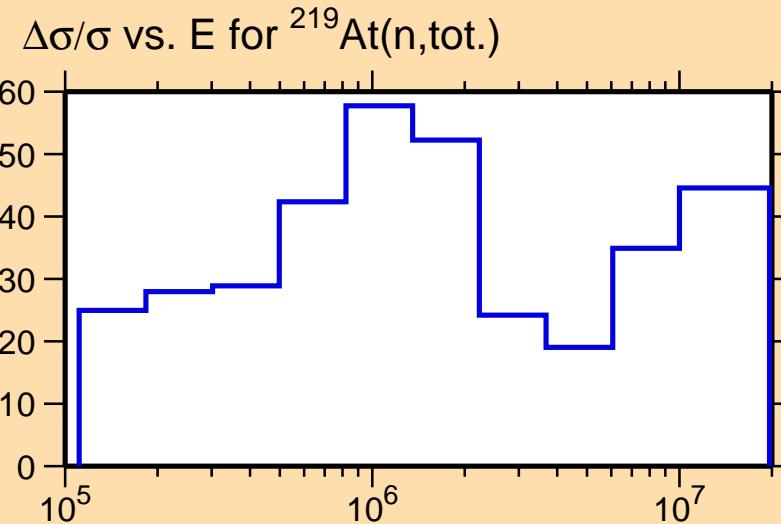
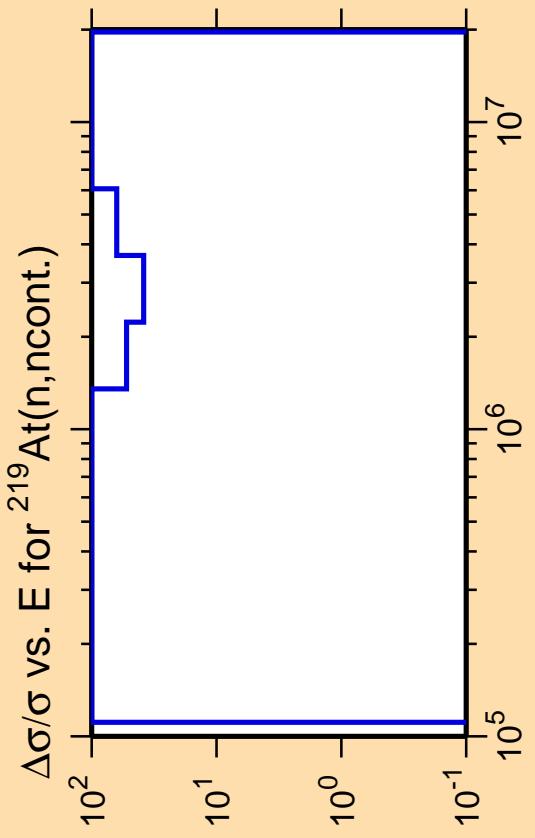
Ordinate scale is %  
relative standard deviation.

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



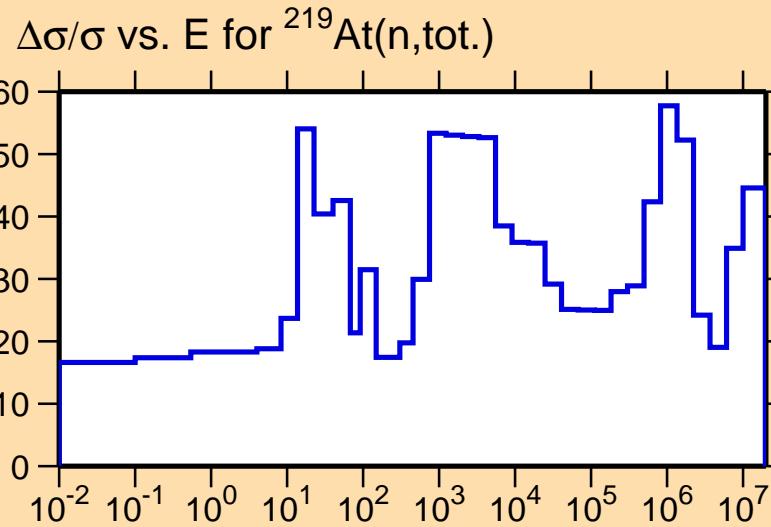
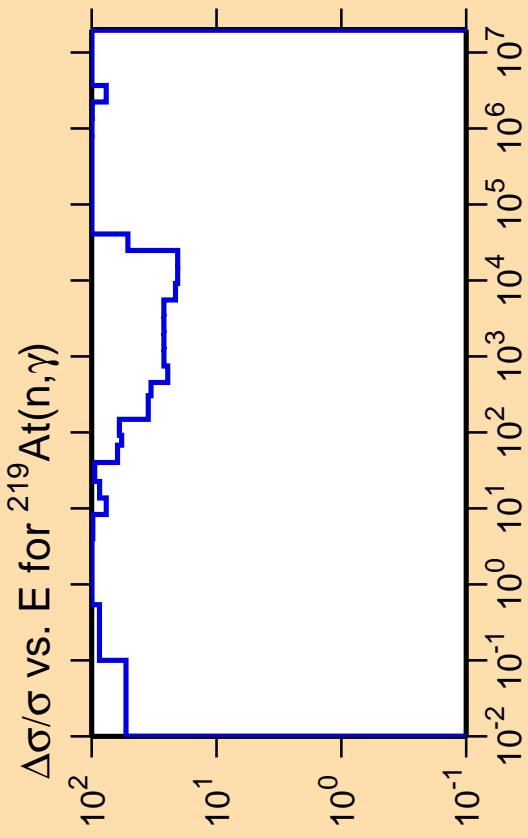
Correlation Matrix



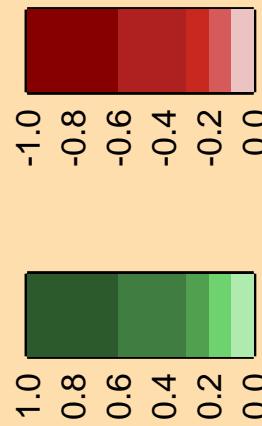


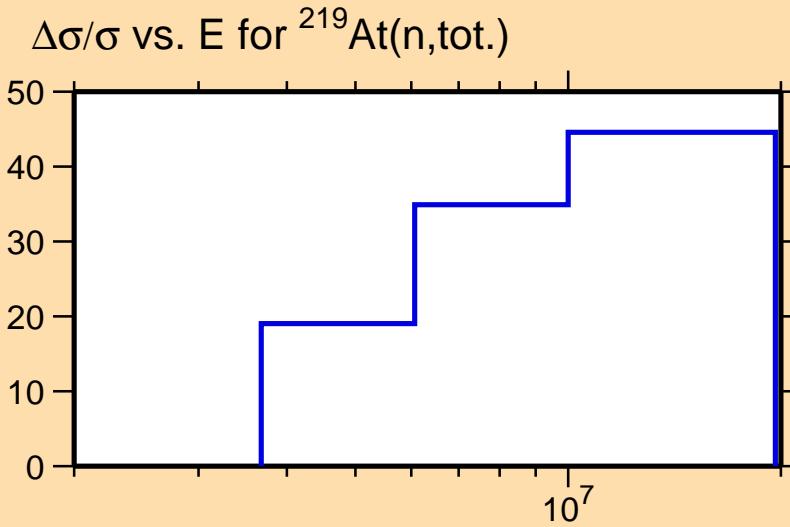
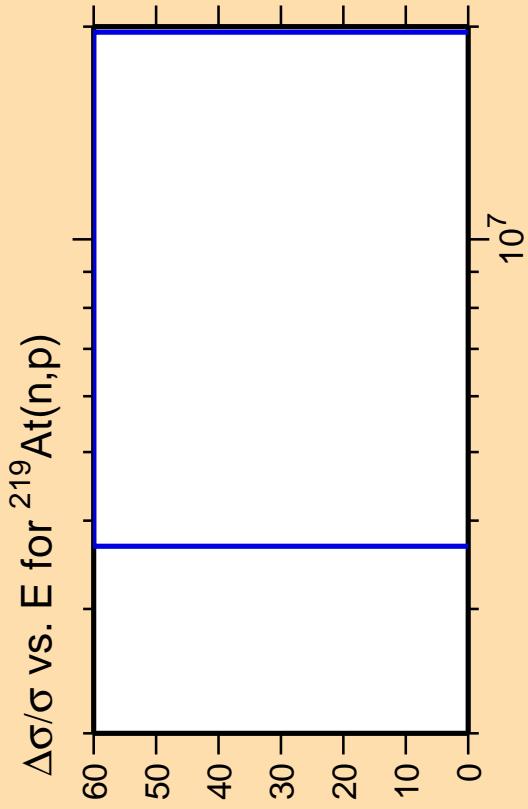
Correlation Matrix



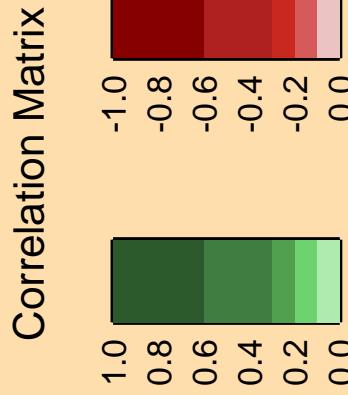


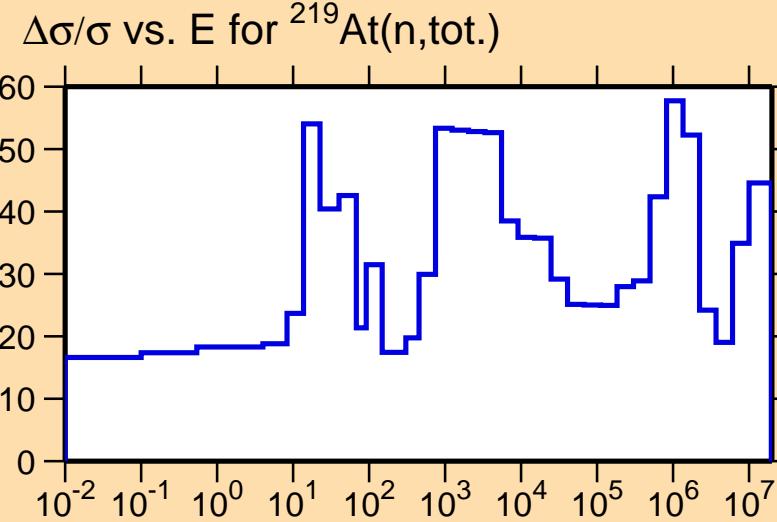
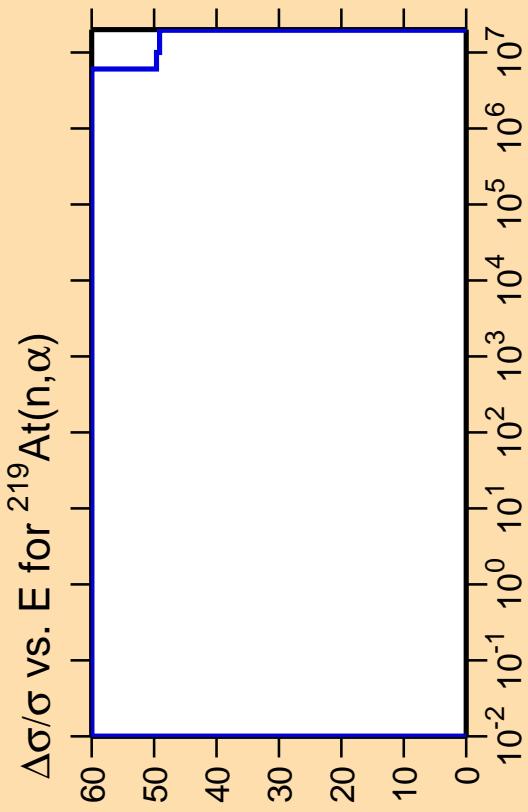
Correlation Matrix



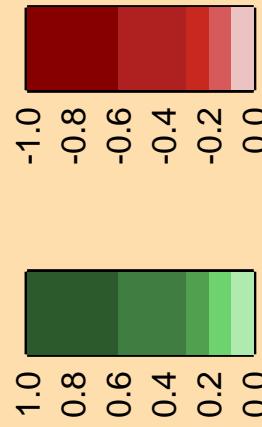


Ordinate scale is %  
relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.

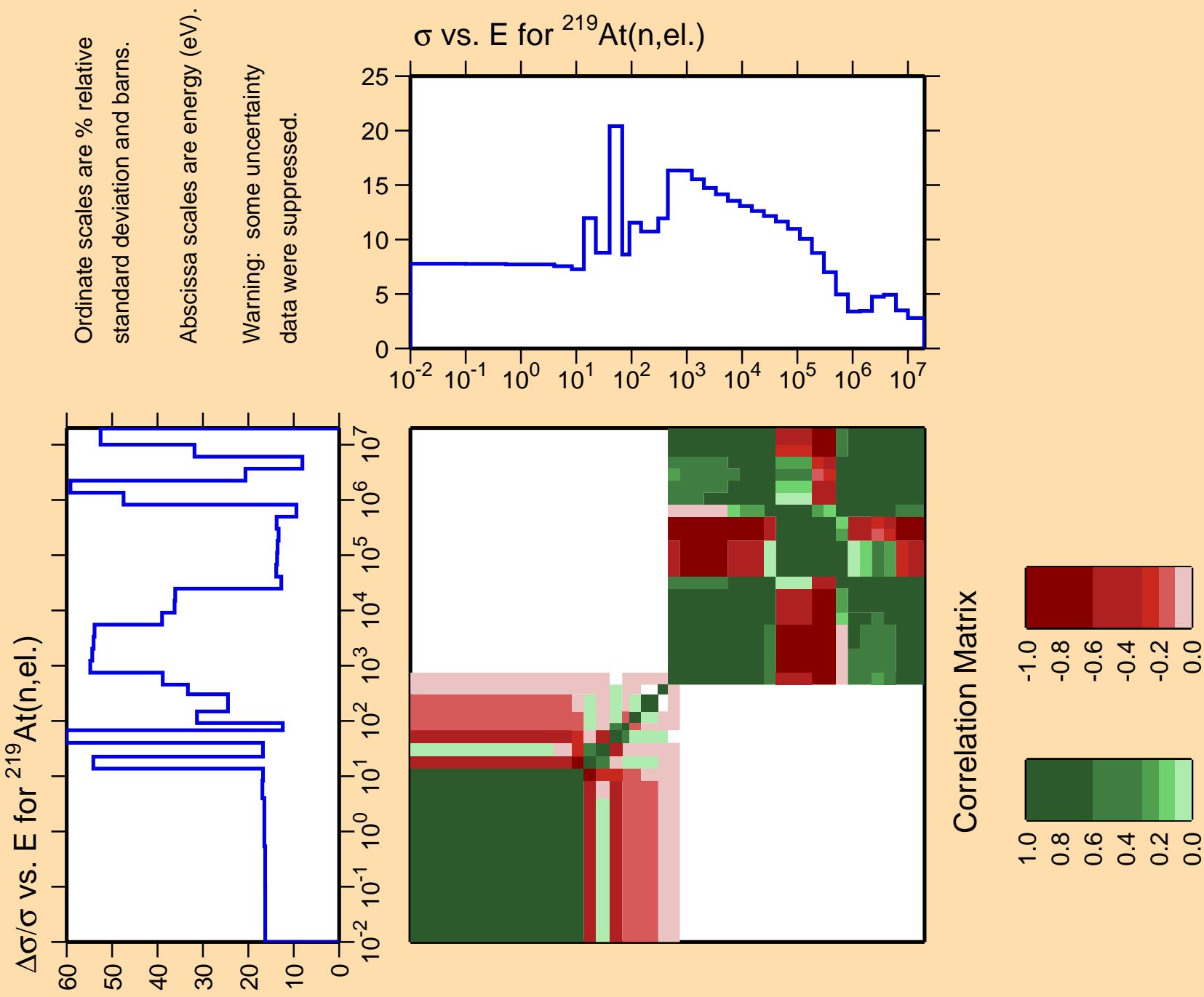


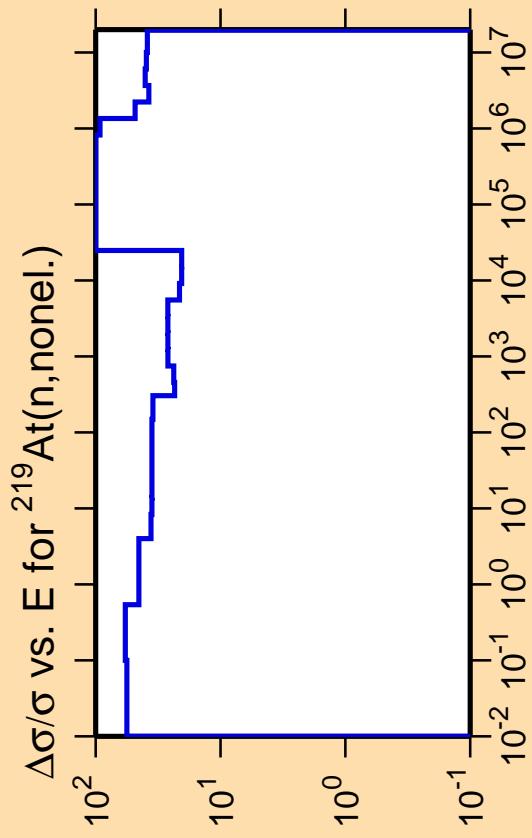


Correlation Matrix



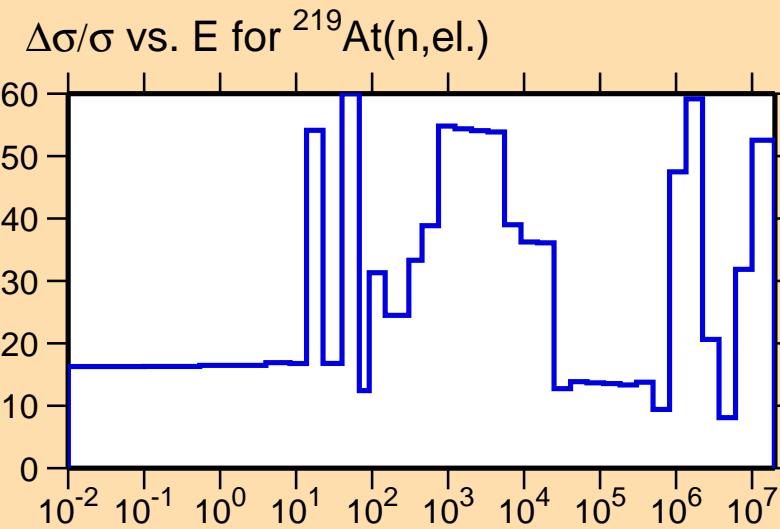
Ordinate scale is %  
relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
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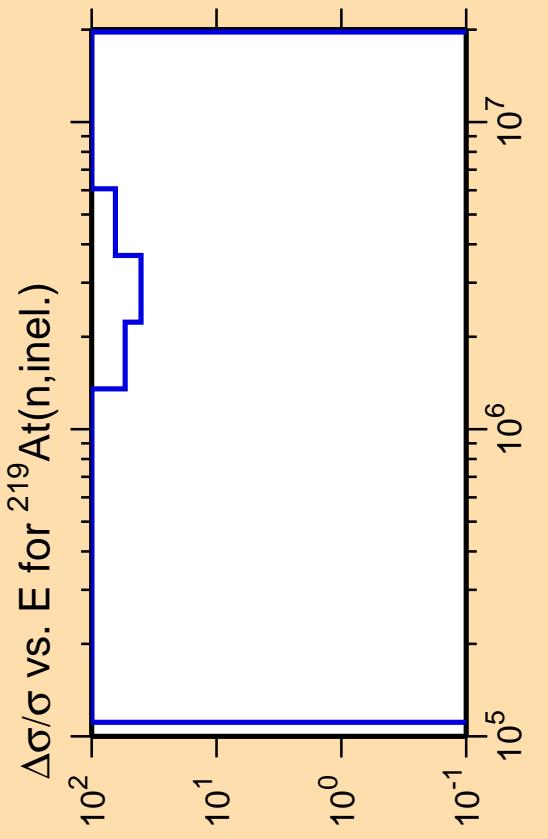
Ordinate scale is %  
relative standard deviation.

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



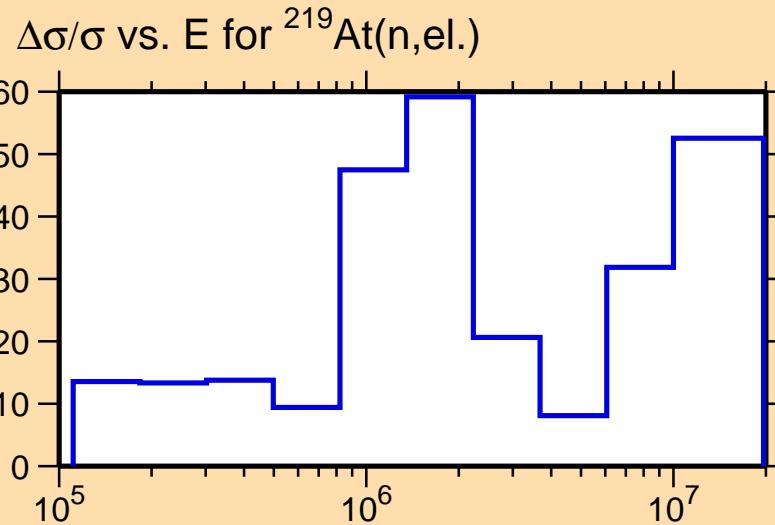
Correlation Matrix



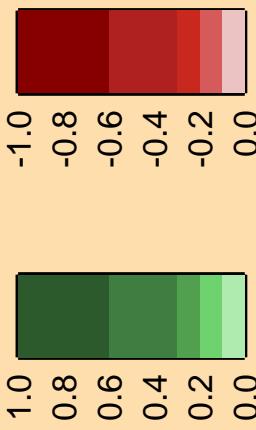


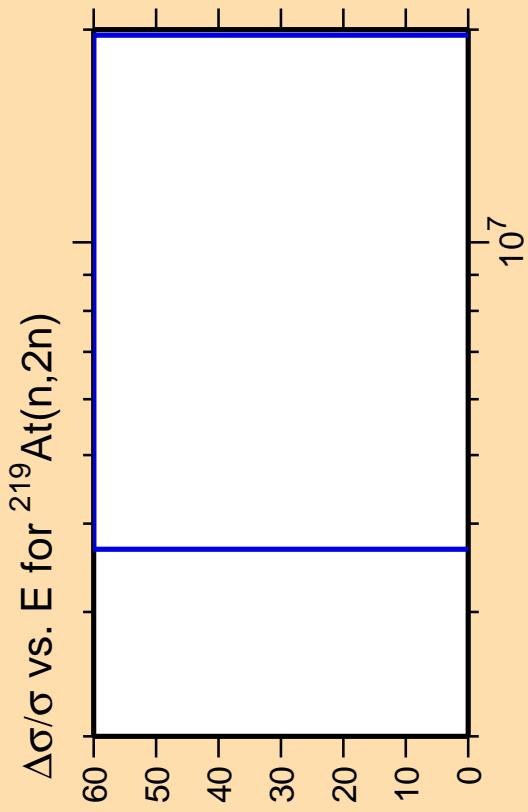
Ordinate scale is %  
relative standard deviation.

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



Correlation Matrix

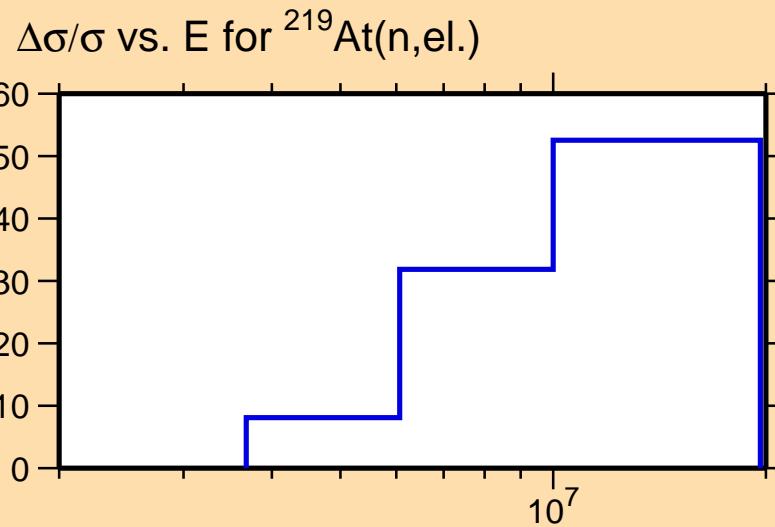




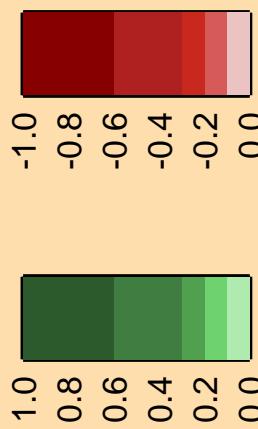
Ordinate scale is %  
relative standard deviation.

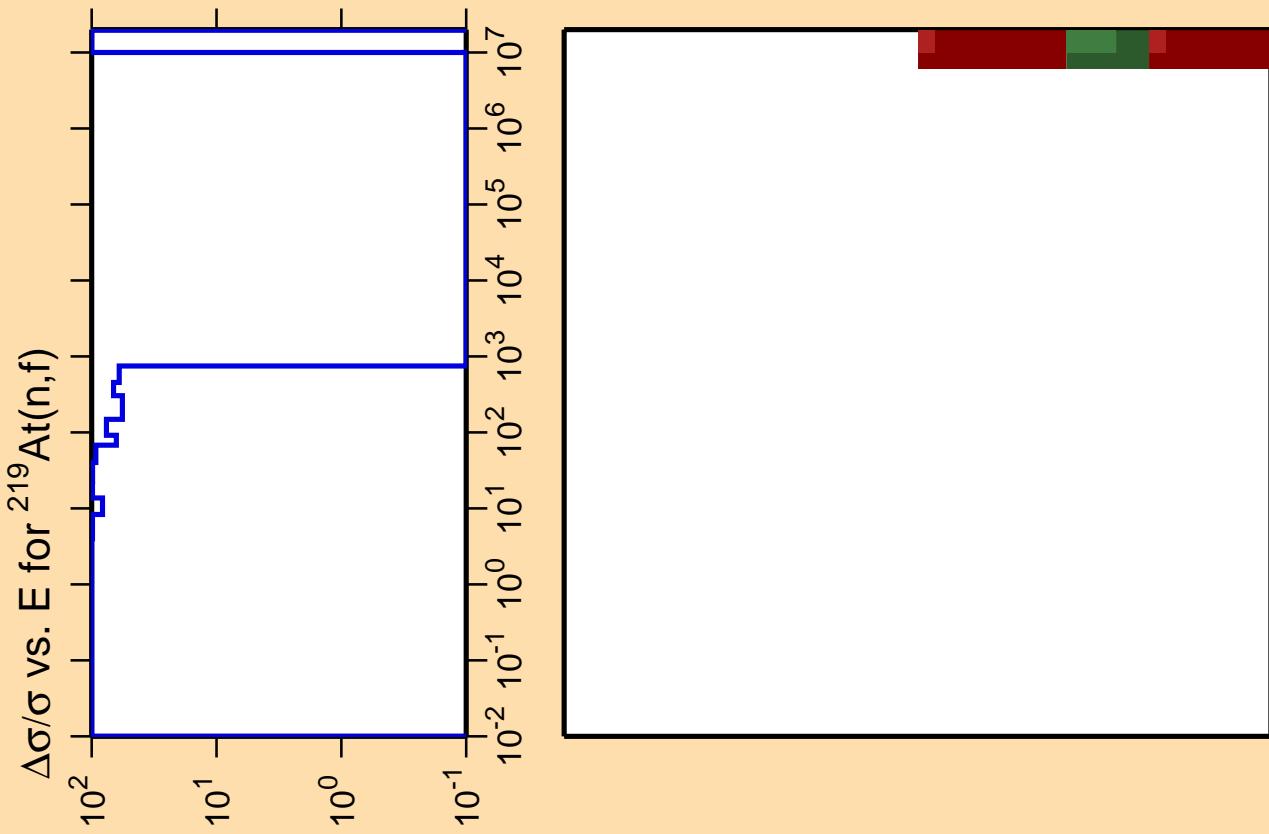
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



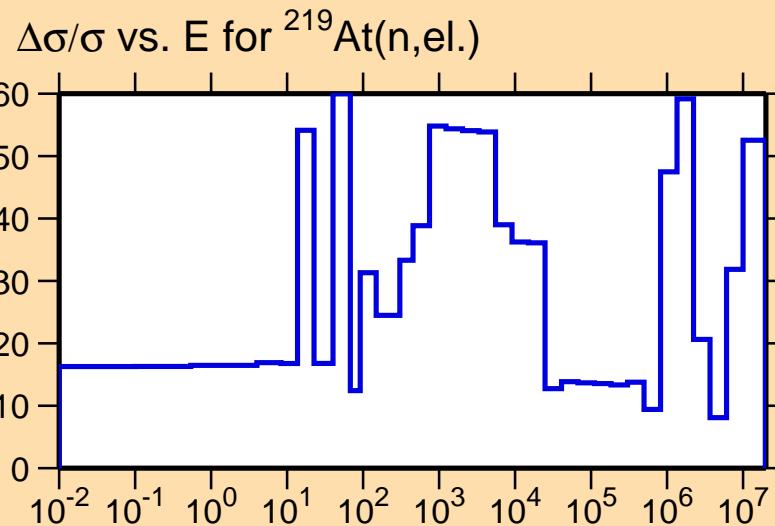
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

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



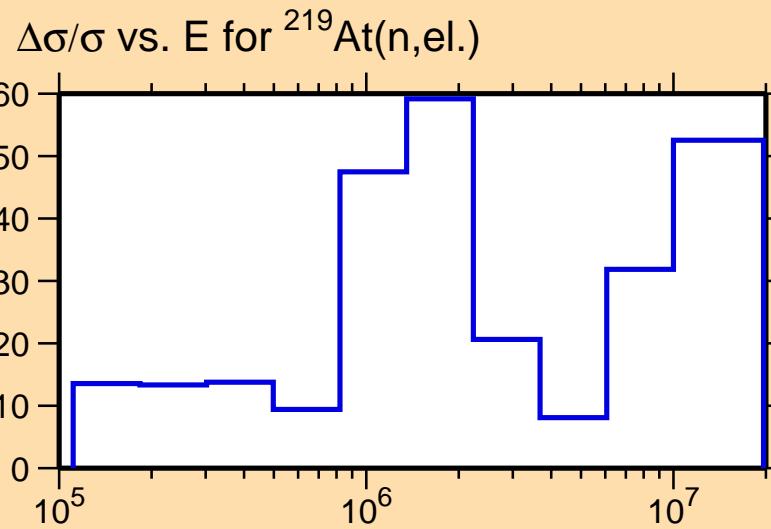
Correlation Matrix



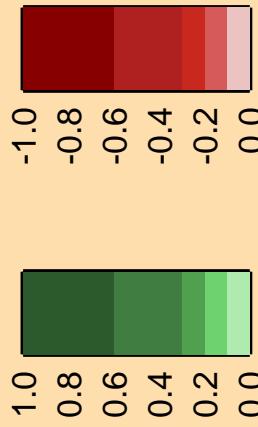
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

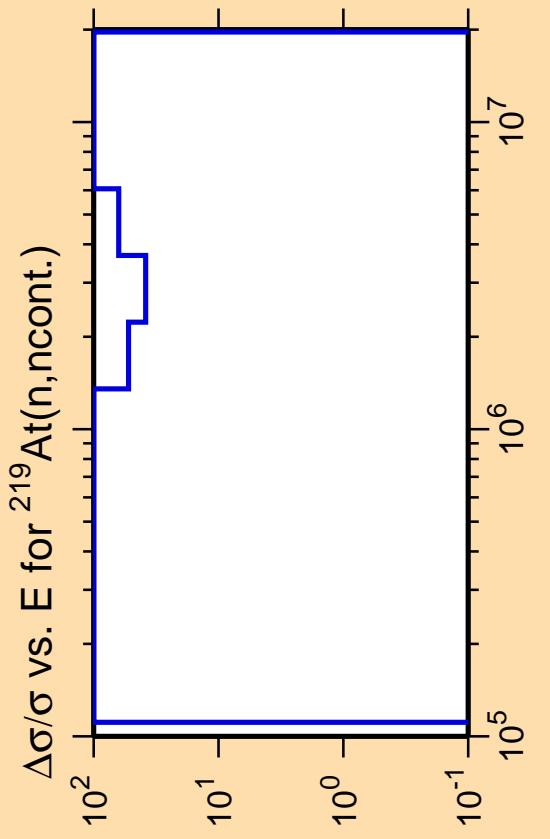
Ordinate scale is %  
relative standard deviation.

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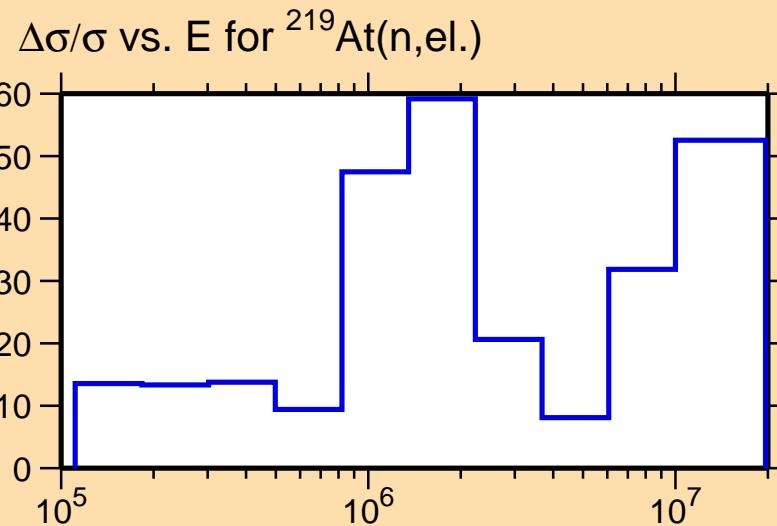
Correlation Matrix



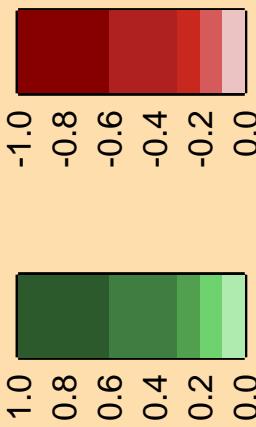


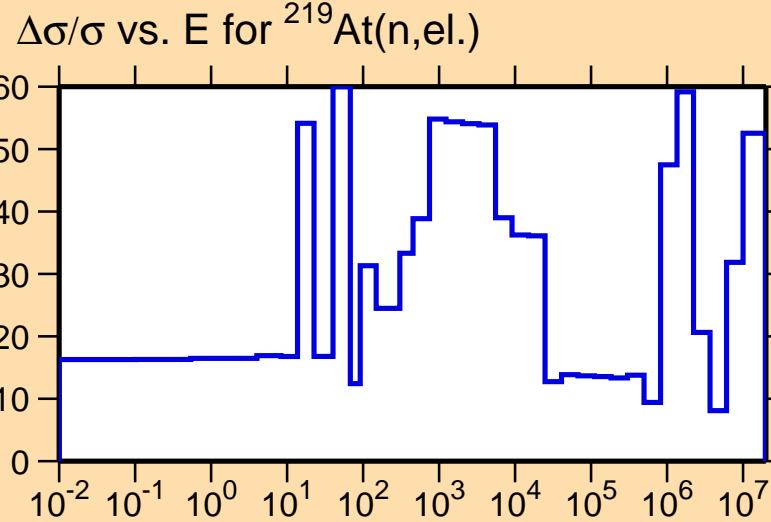
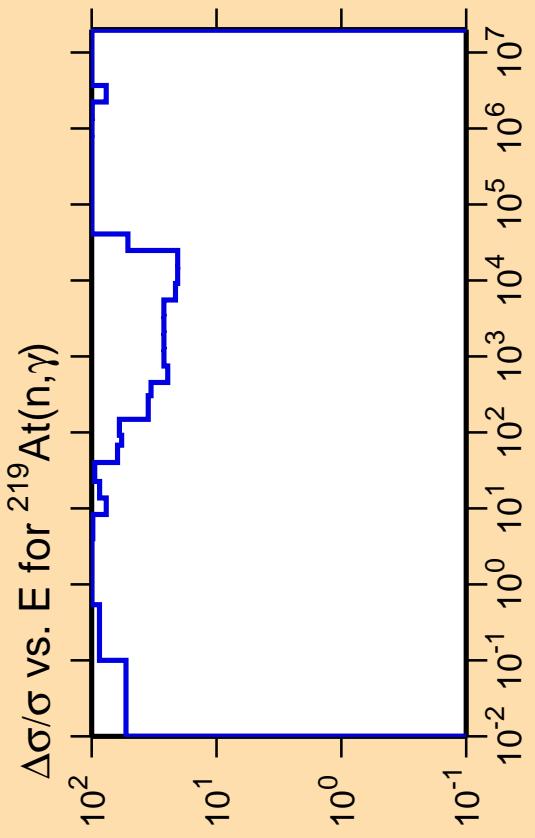
Ordinate scale is %  
relative standard deviation.

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

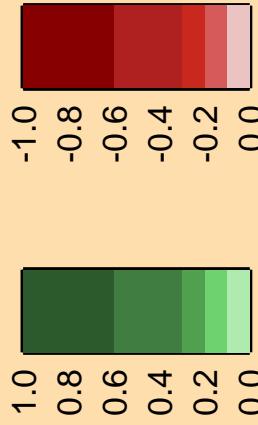


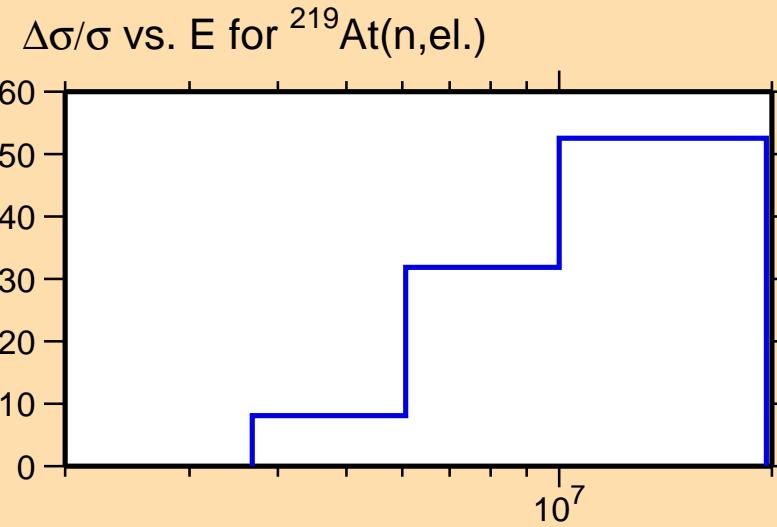
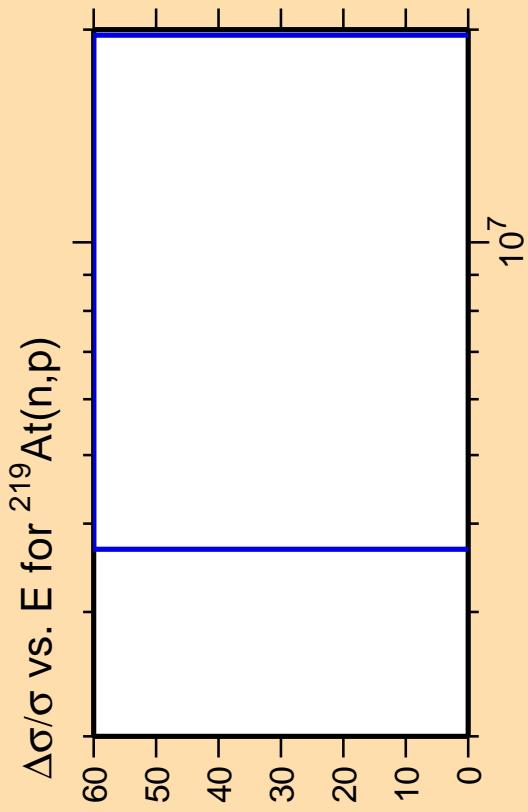


Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

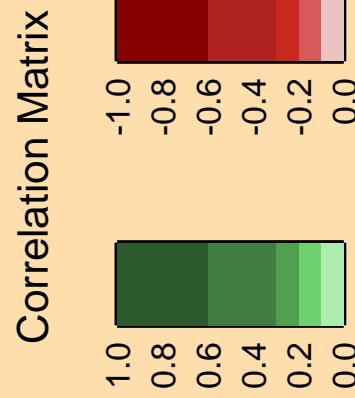


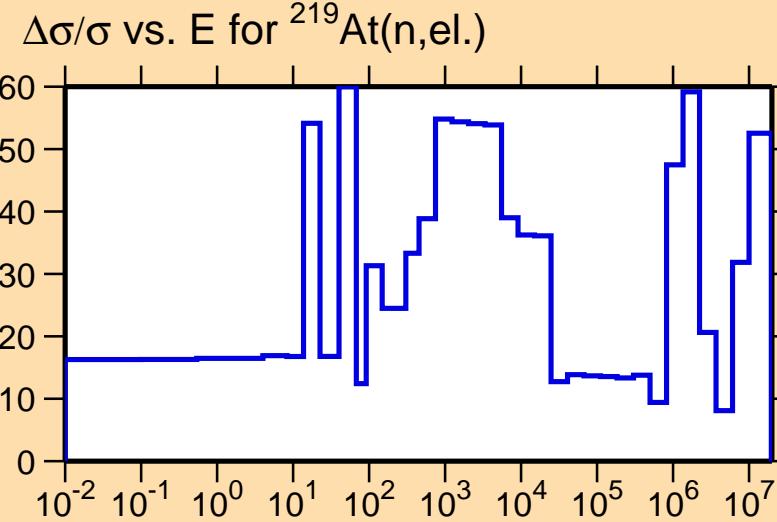
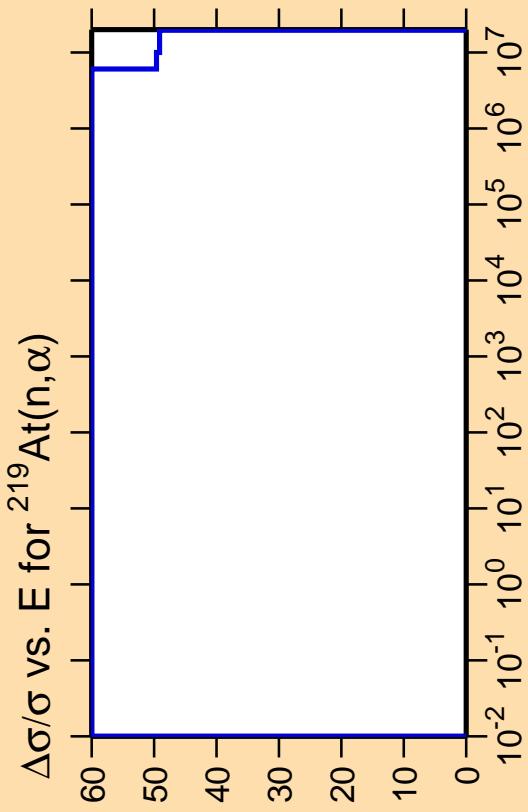


Ordinate scale is %  
relative standard deviation.

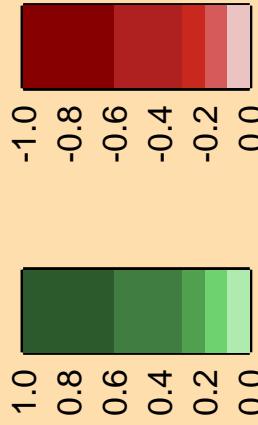
Abscissa scales are energy (eV).

Warning: some uncertainty  
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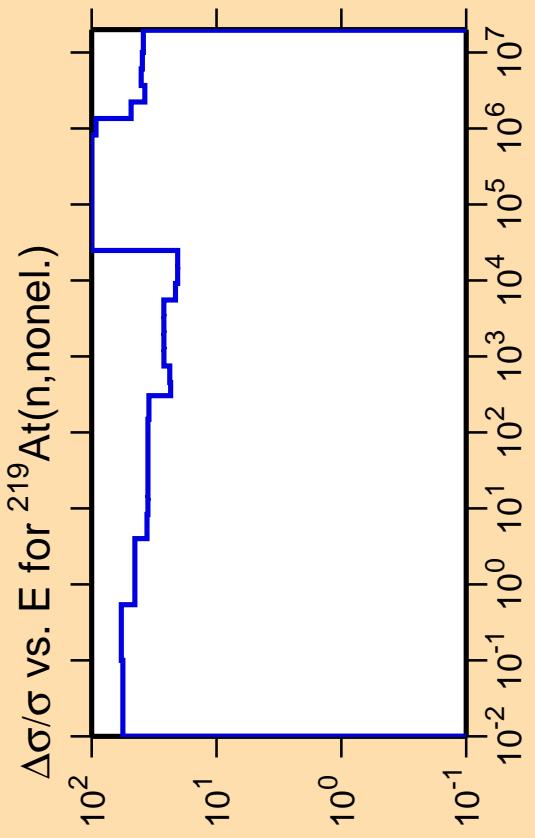
Correlation Matrix



Ordinate scale is % relative standard deviation.

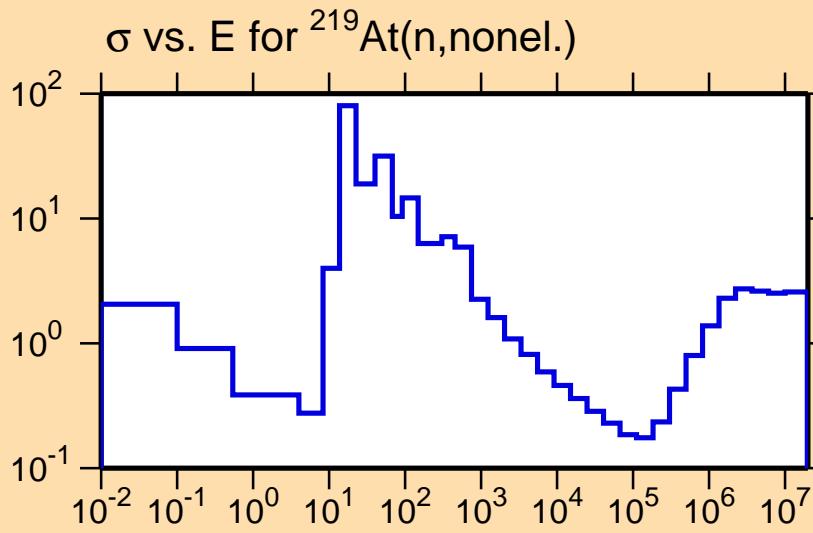
Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

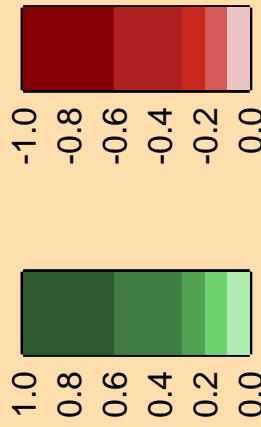


Ordinate scales are % relative  
standard deviation and barns.

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



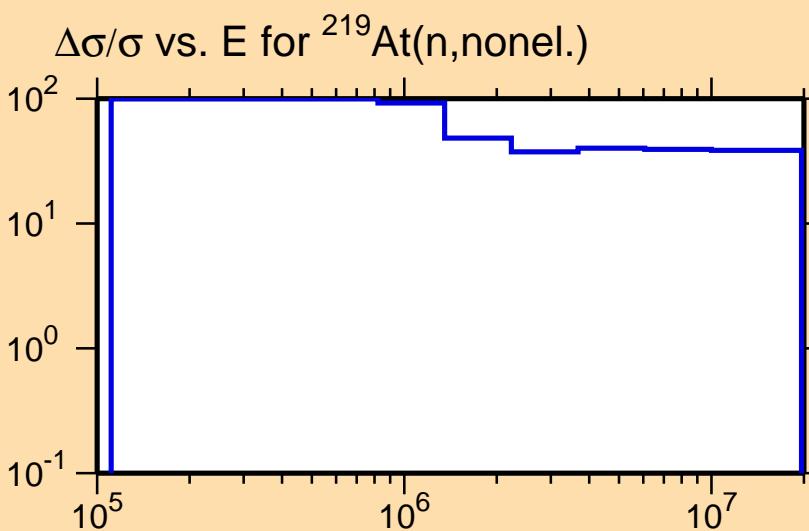
Correlation Matrix

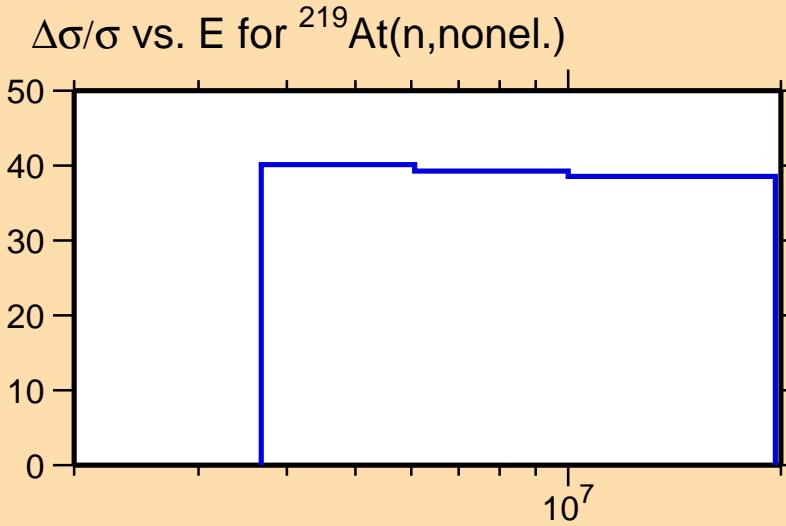
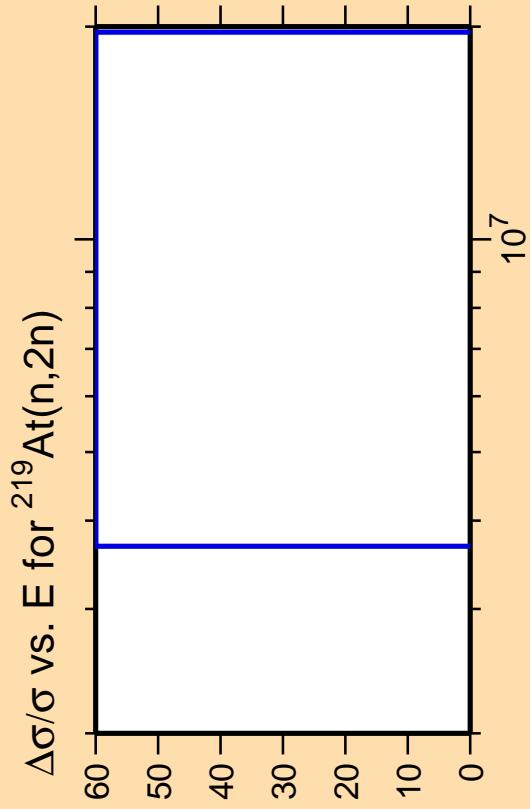


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{inel.})$

Ordinate scale is %  
relative standard deviation.

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

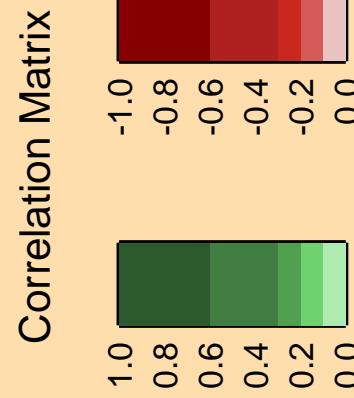




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

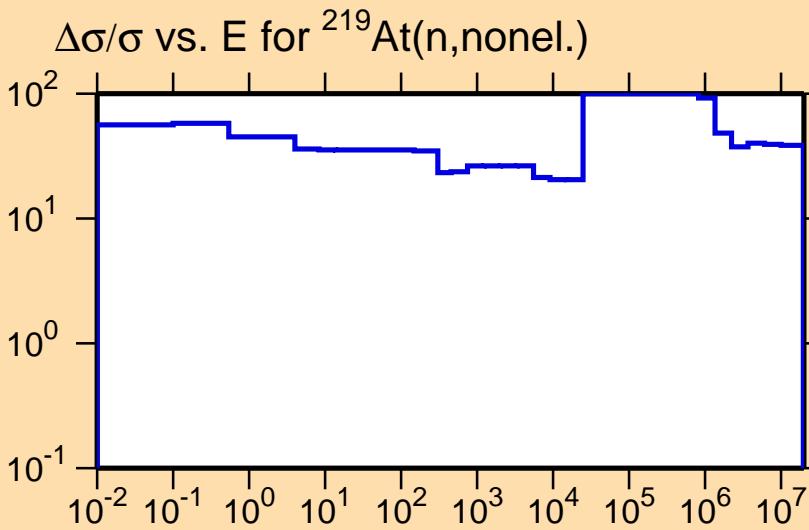
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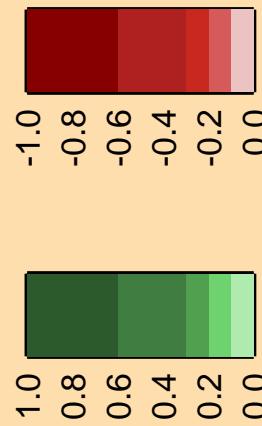
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,f)$

Ordinate scale is %  
relative standard deviation.

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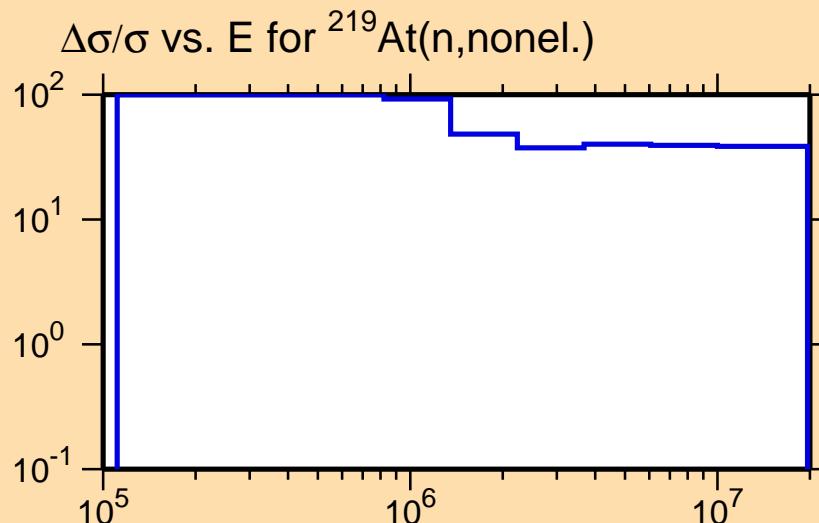
Correlation Matrix



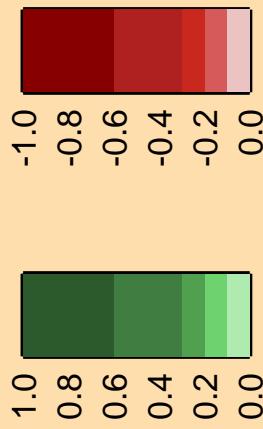
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

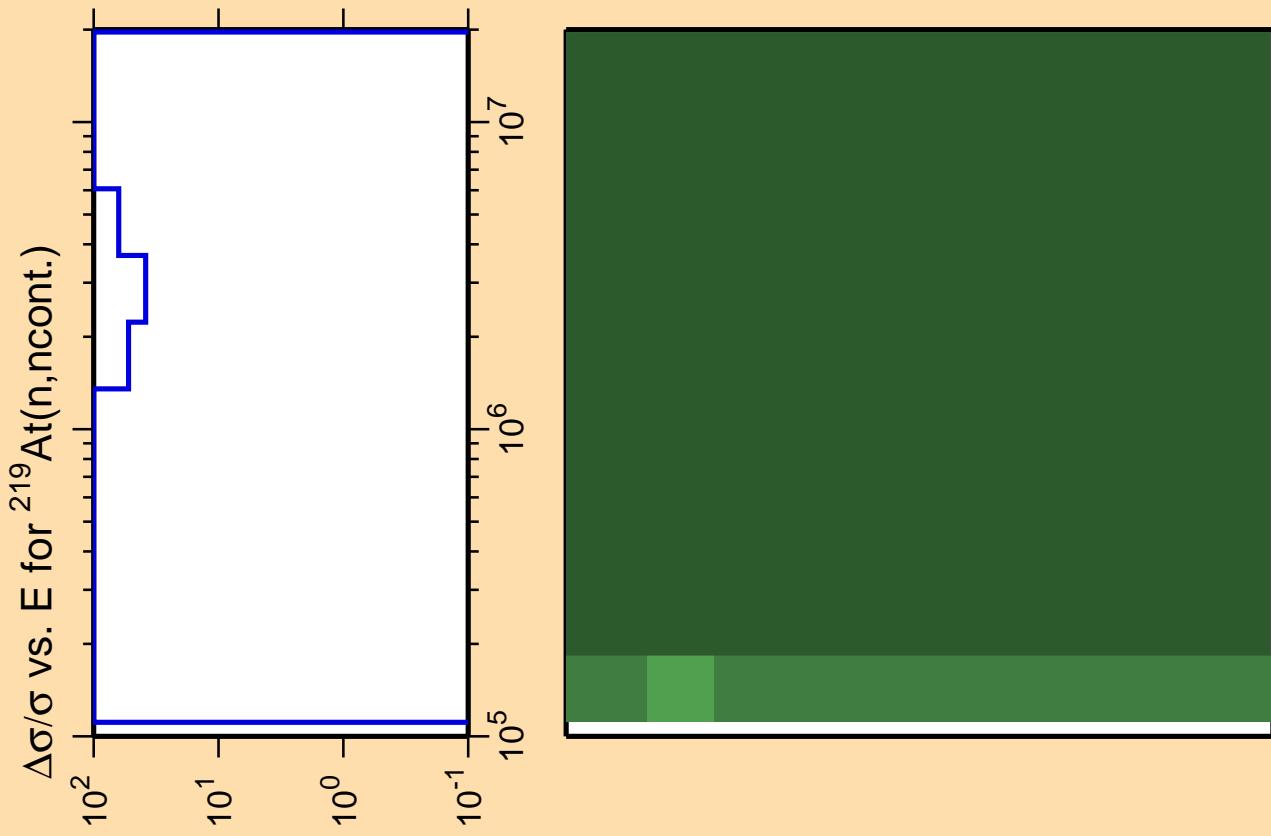
Ordinate scale is %  
relative standard deviation.

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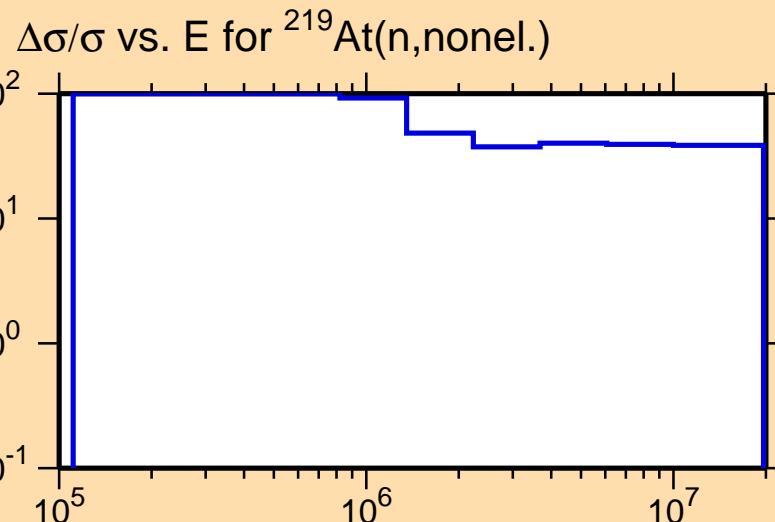
Correlation Matrix



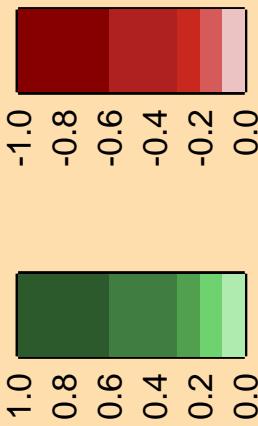


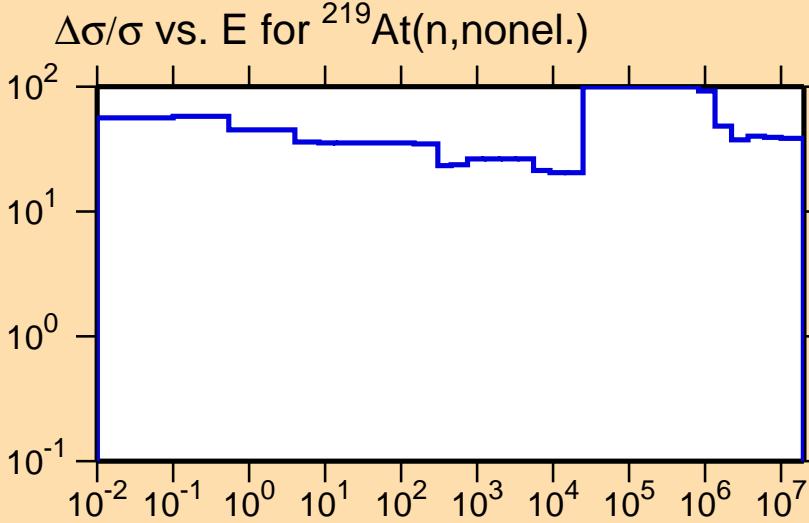
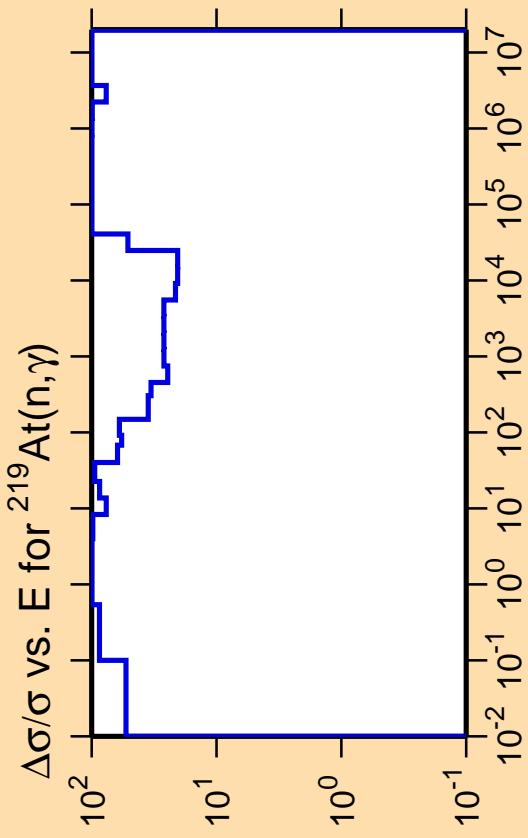
Ordinate scale is %  
relative standard deviation.

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



Correlation Matrix

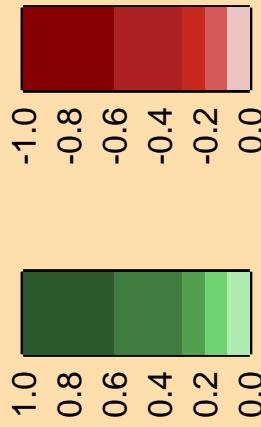


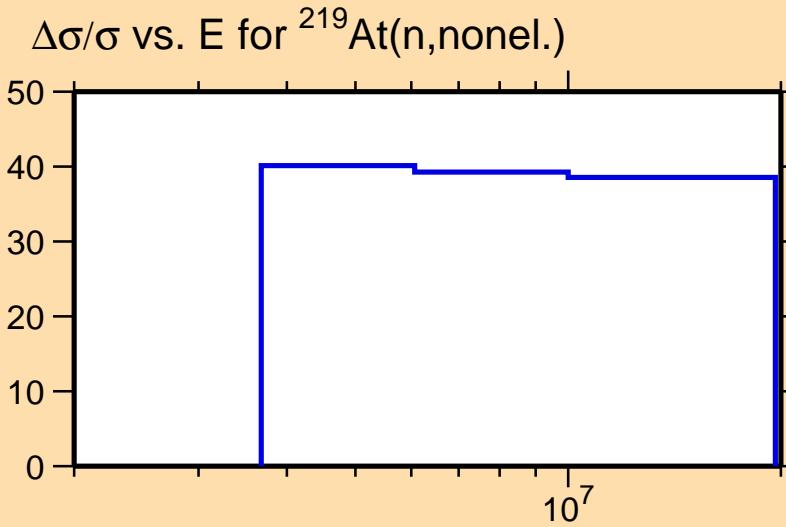
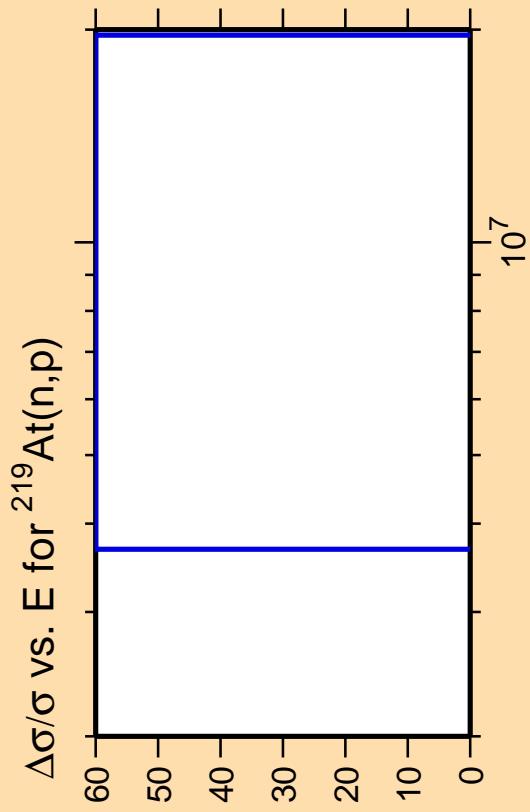


Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

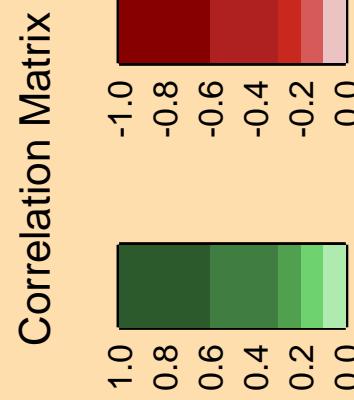


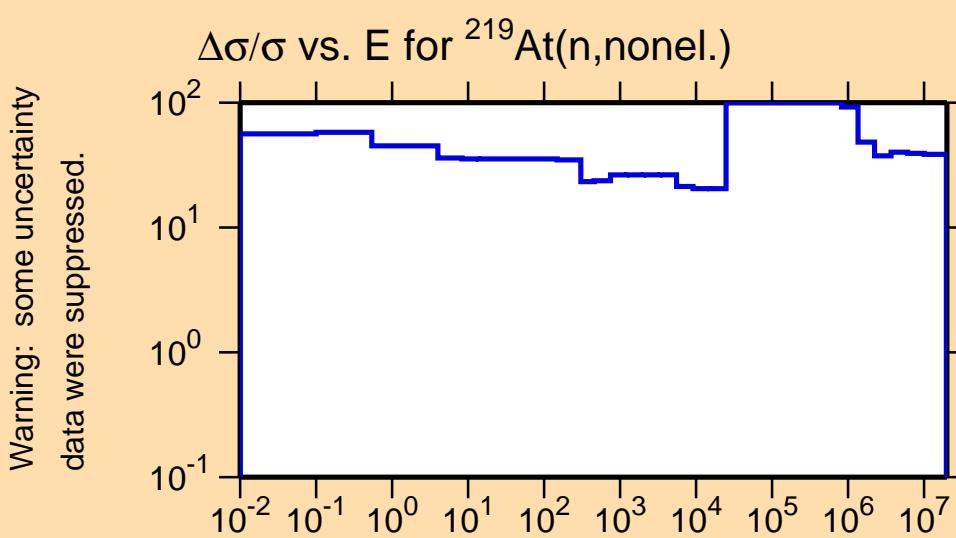
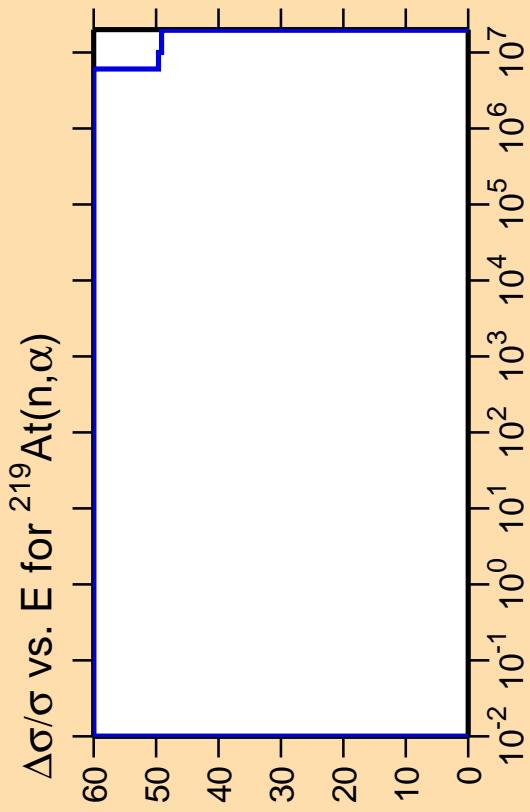


Ordinate scale is %  
relative standard deviation.

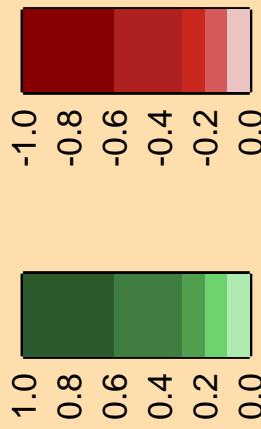
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.





Correlation Matrix

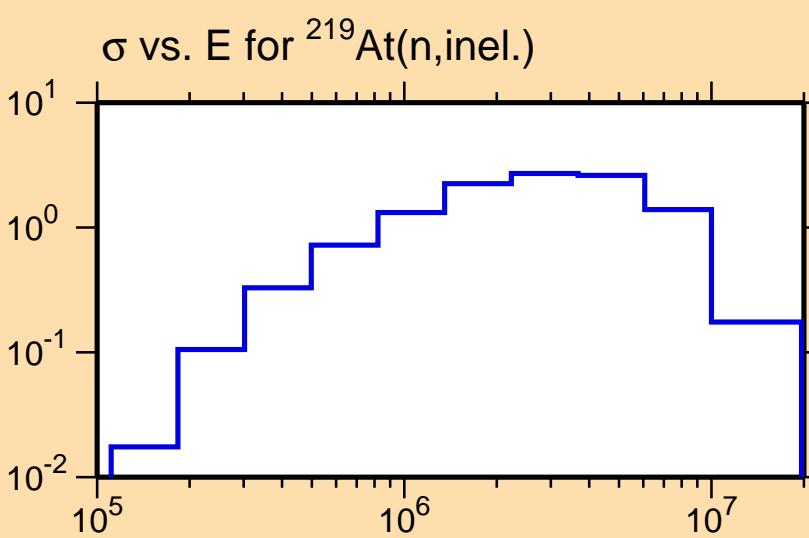


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{inel.})$

Ordinate scales are % relative  
standard deviation and barns.

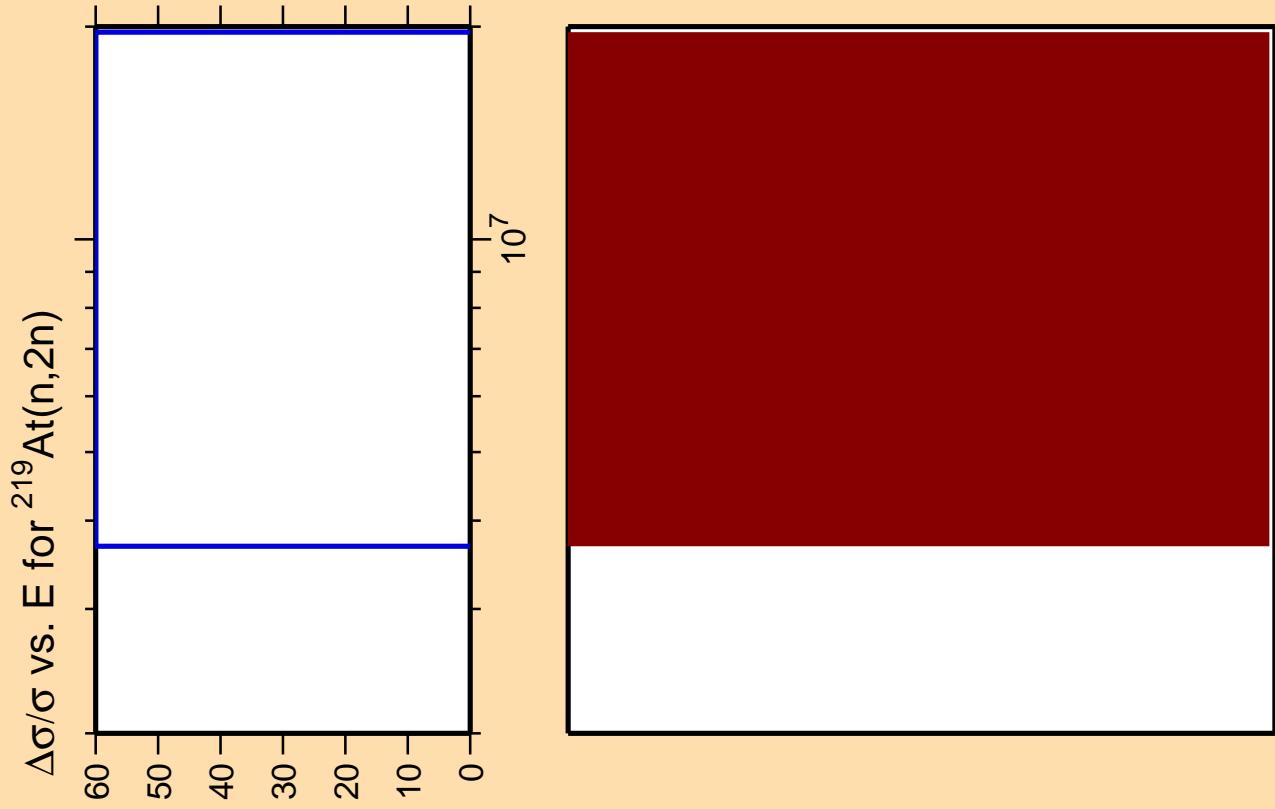
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

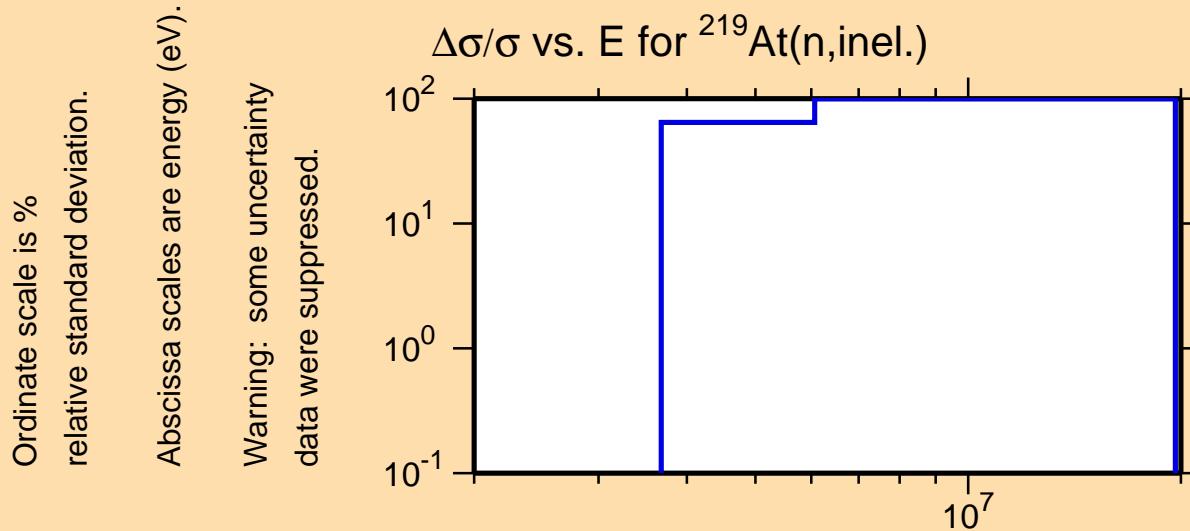
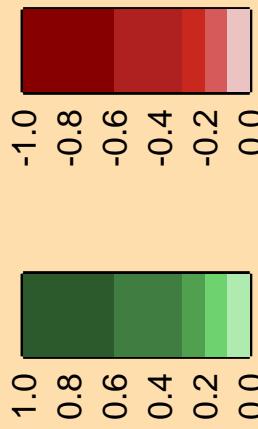


Correlation Matrix





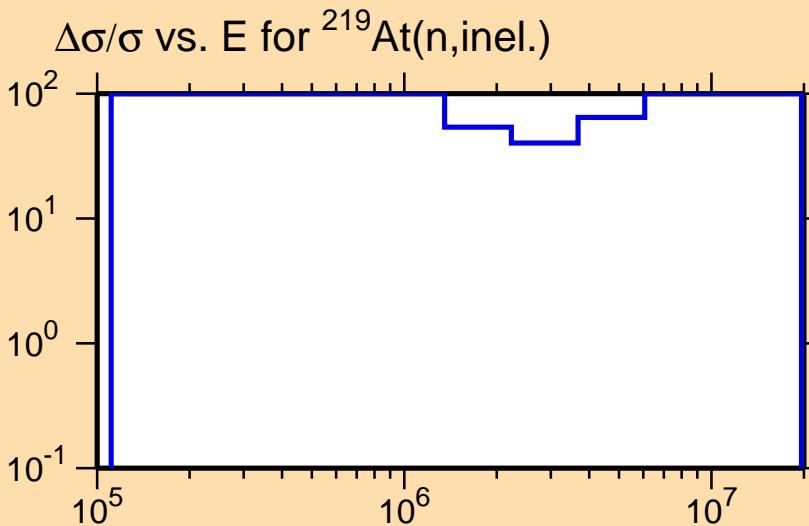
Correlation Matrix



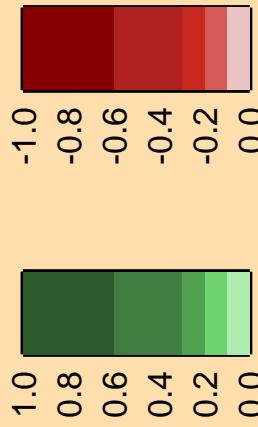
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,f)$

Ordinate scale is %  
relative standard deviation.

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



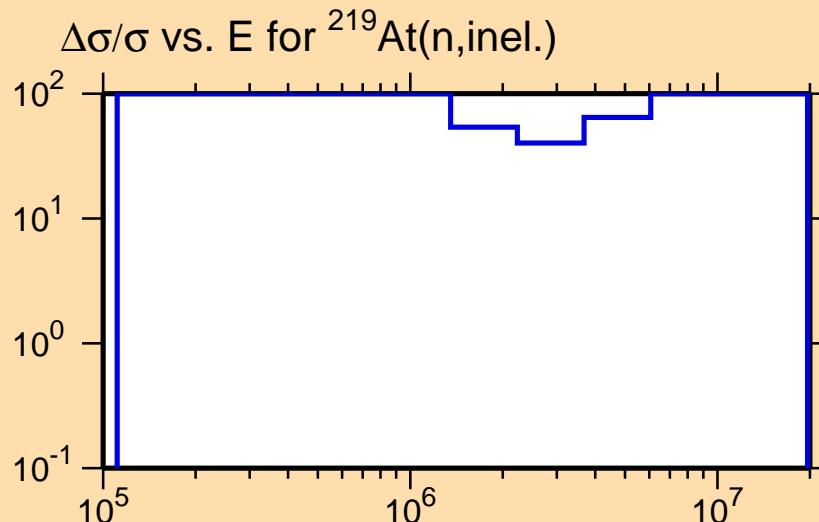
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

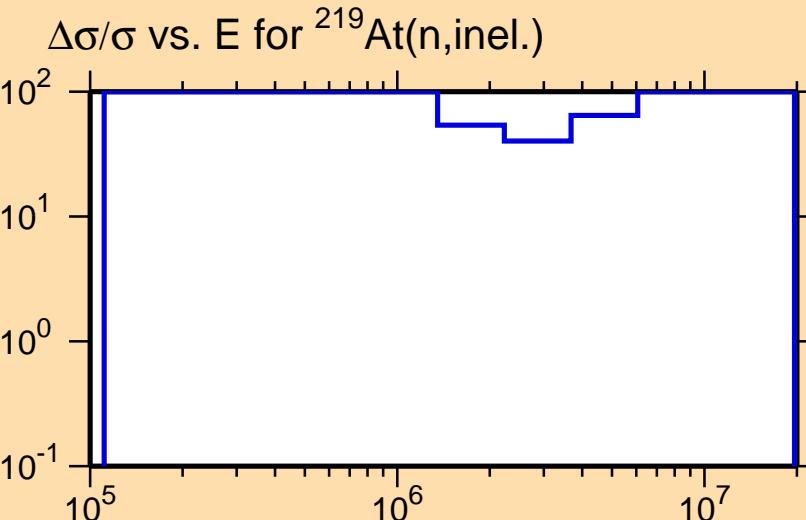
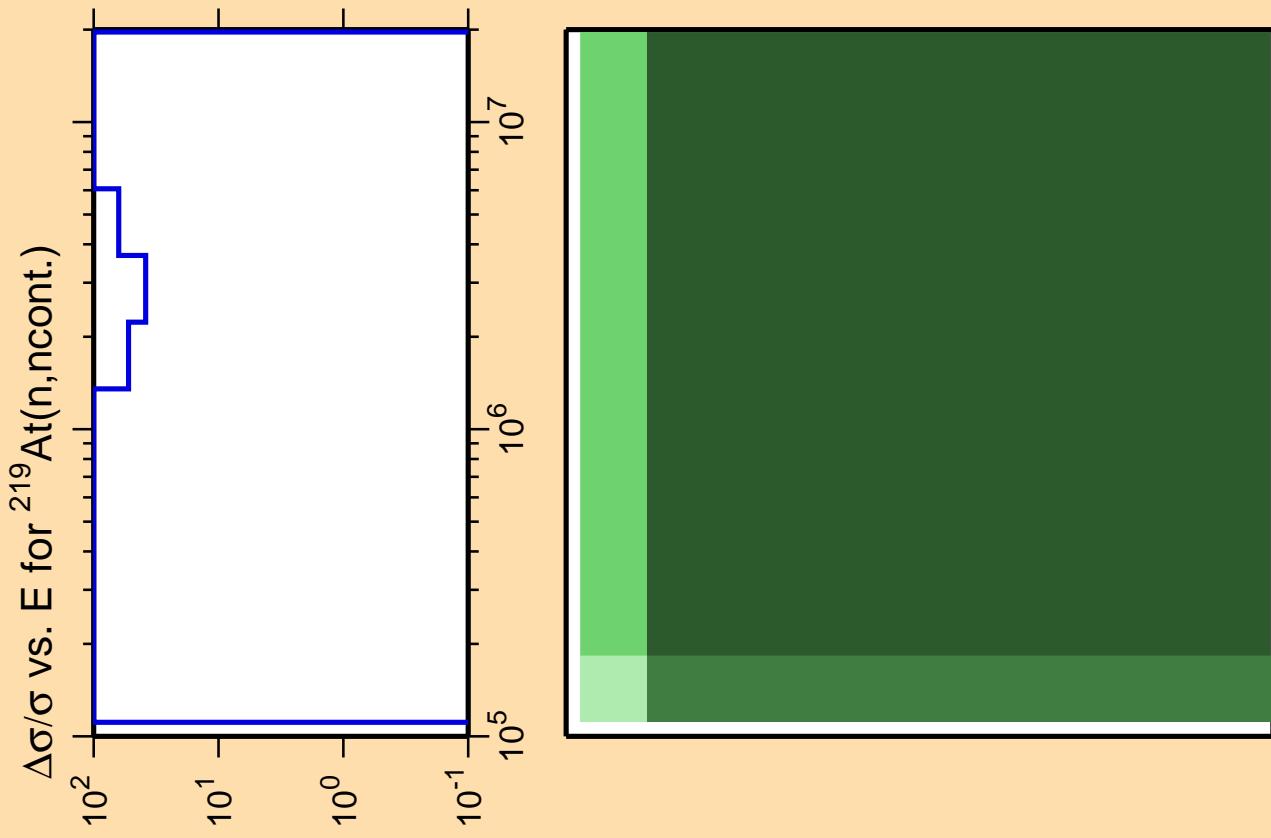
Ordinate scale is %  
relative standard deviation.

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

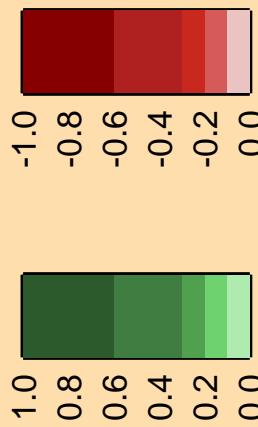


Correlation Matrix





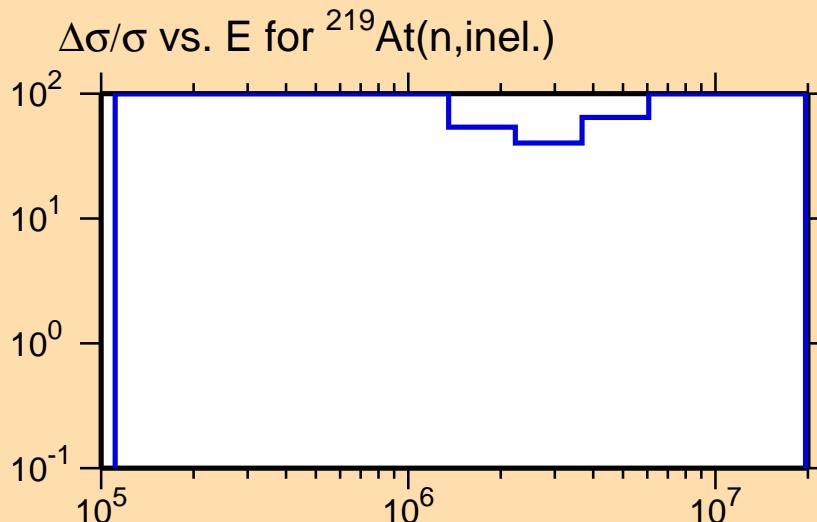
Correlation Matrix



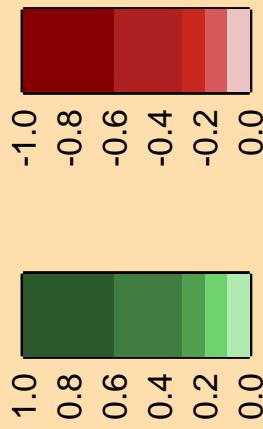
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\gamma)$

Ordinate scale is %  
relative standard deviation.

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



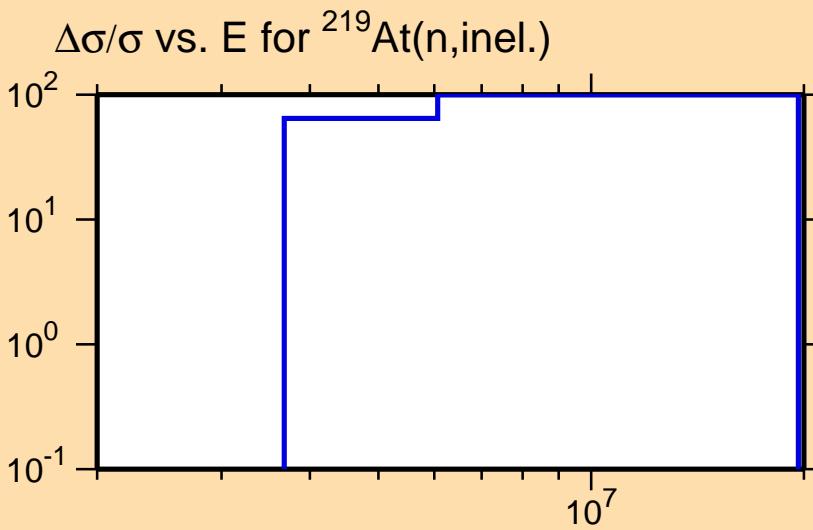
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,p)$

Ordinate scale is %  
relative standard deviation.

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



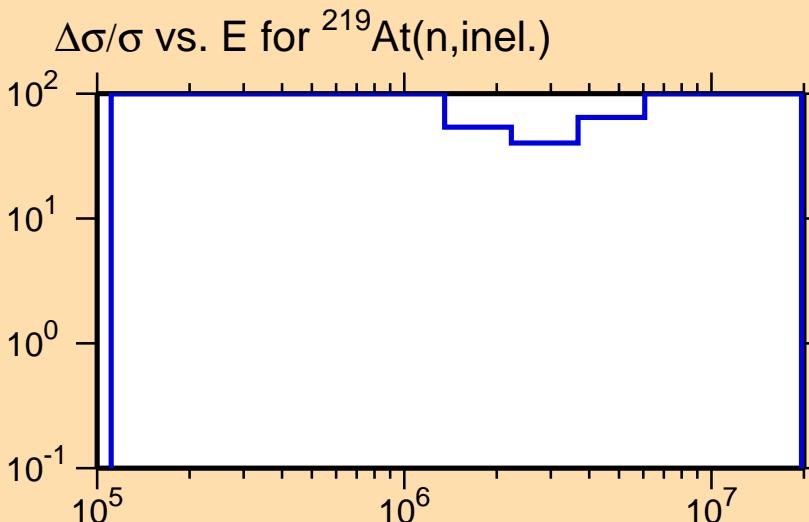
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\alpha)$

Ordinate scale is %  
relative standard deviation.

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



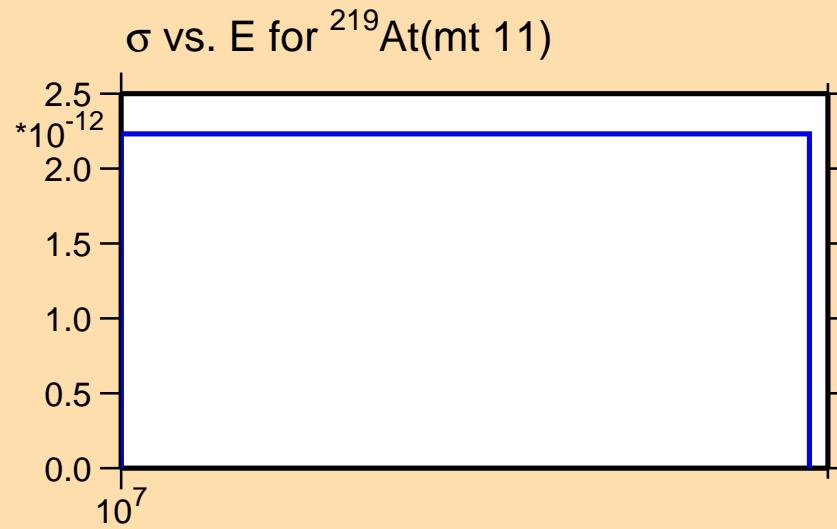
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(\text{mt } 11)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix



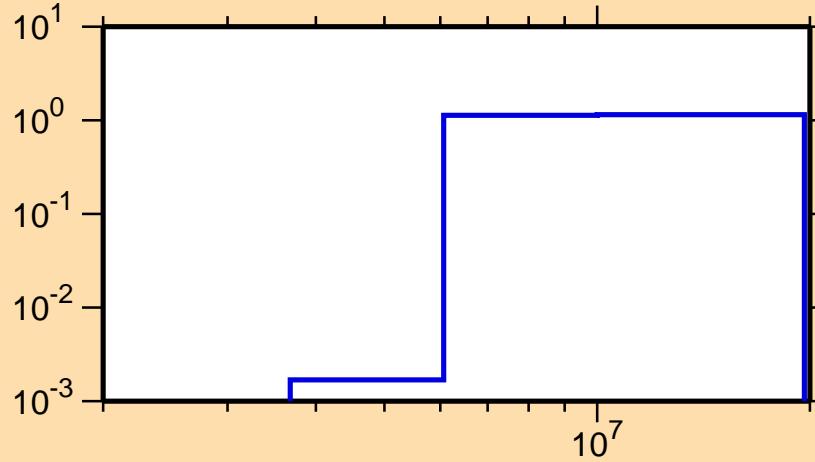
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,2n)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

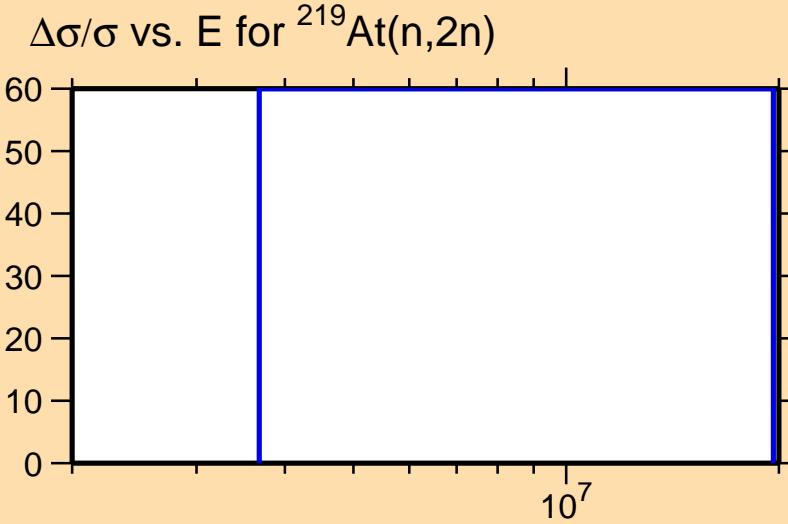
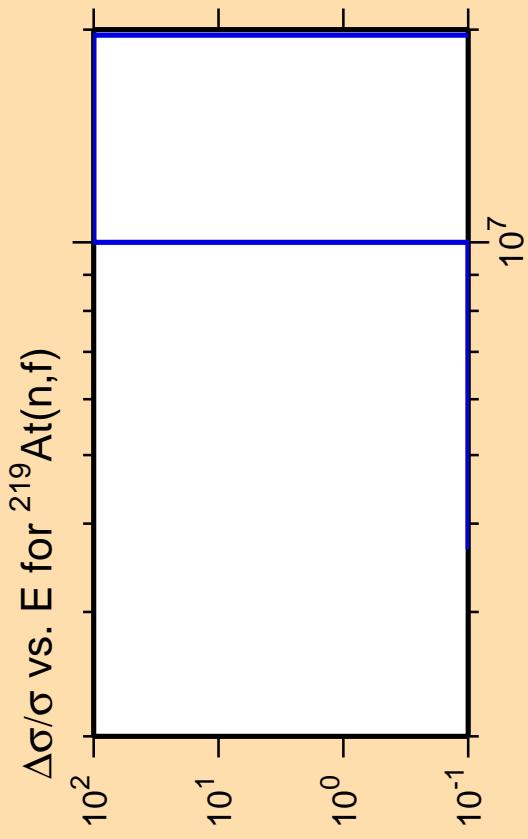
Warning: some uncertainty  
data were suppressed.

$\sigma$  vs. E for  $^{219}\text{At}(n,2n)$



Correlation Matrix

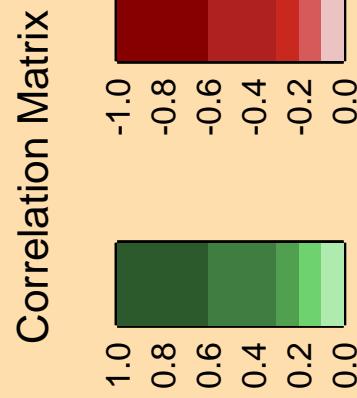




Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

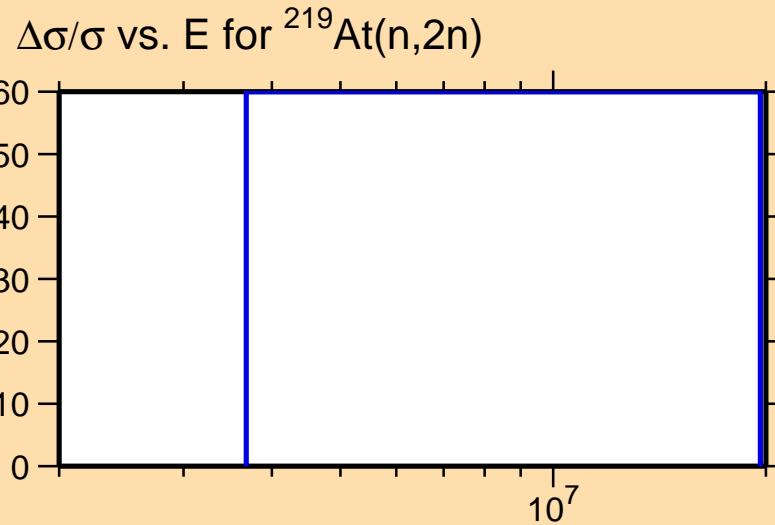
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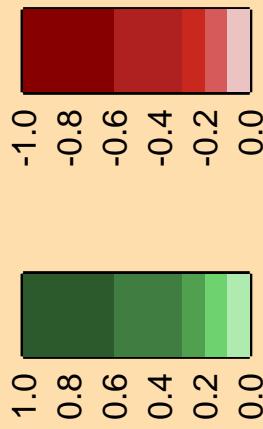
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

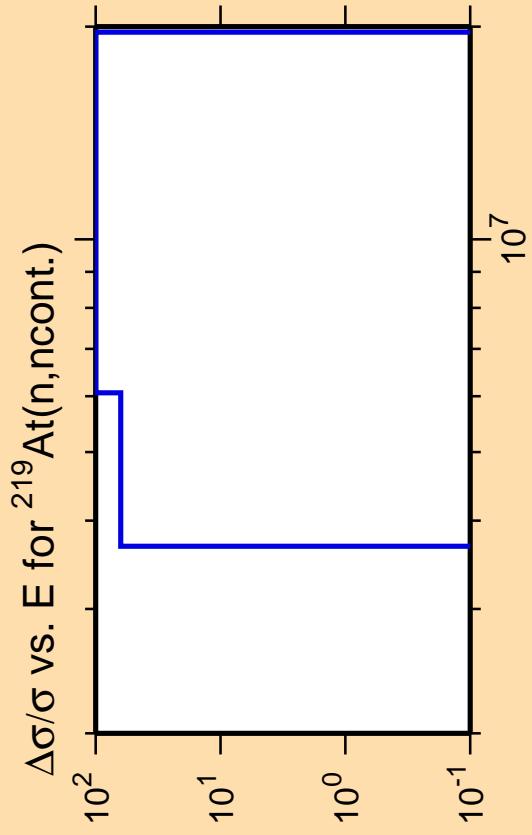
Ordinate scale is %  
relative standard deviation.

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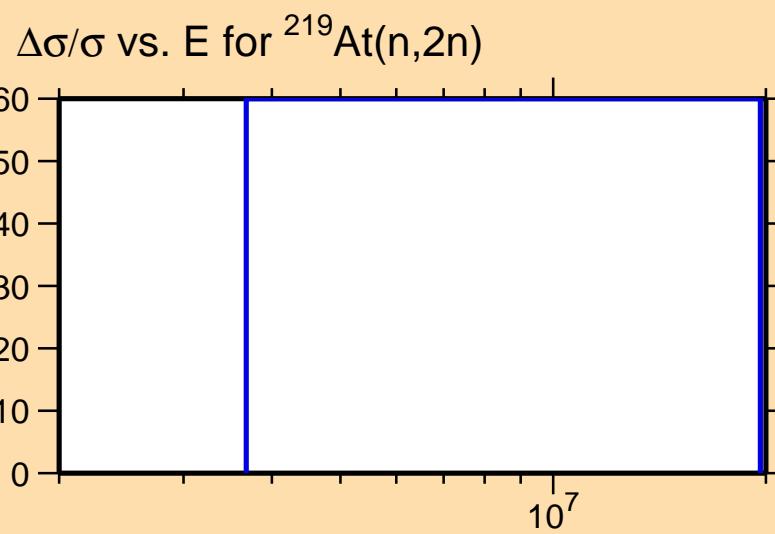
Correlation Matrix





Ordinate scale is %  
relative standard deviation.

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



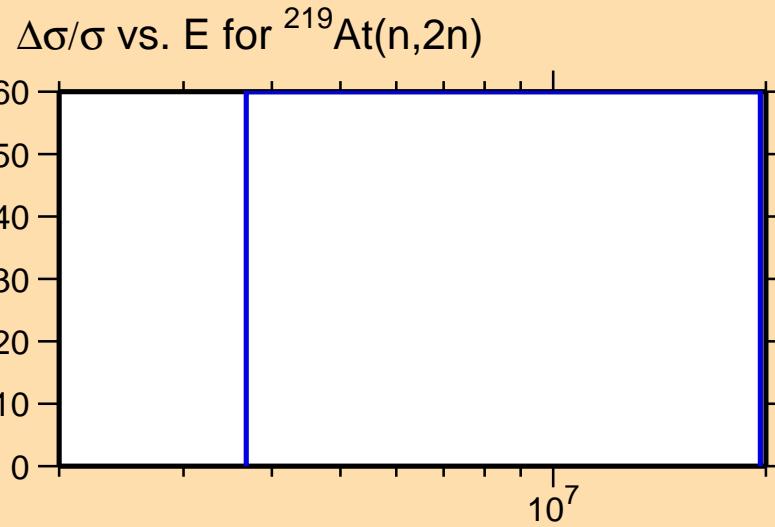
Correlation Matrix



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\gamma)$

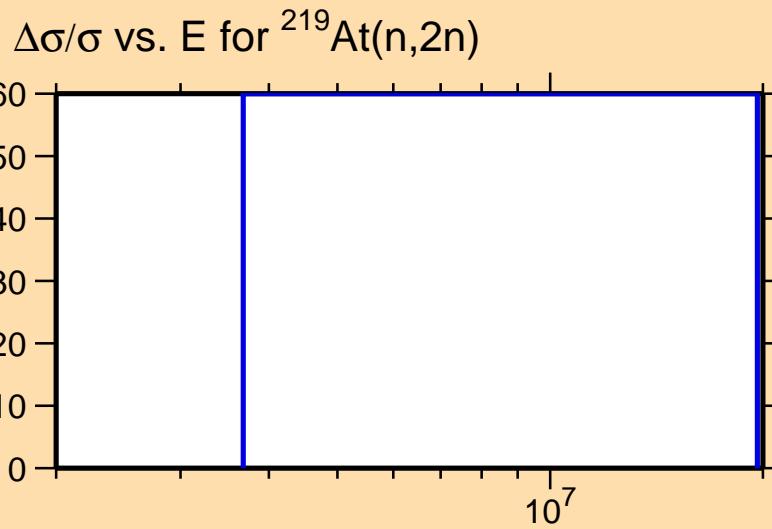
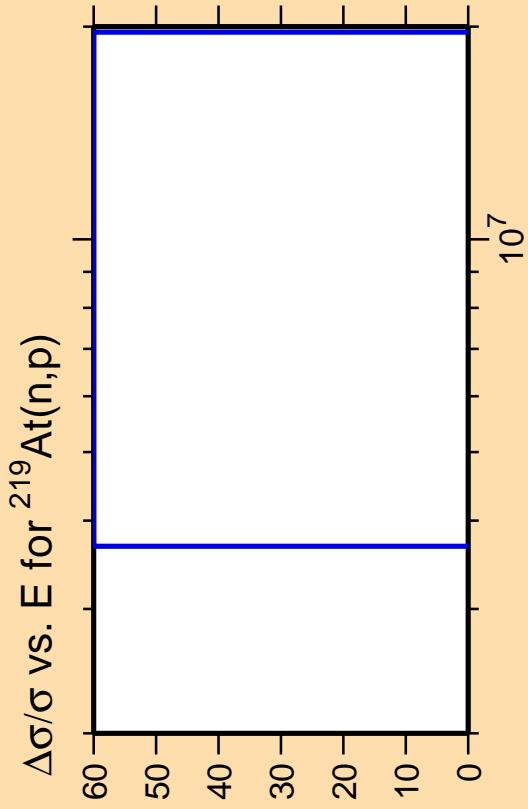
Ordinate scale is %  
relative standard deviation.

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

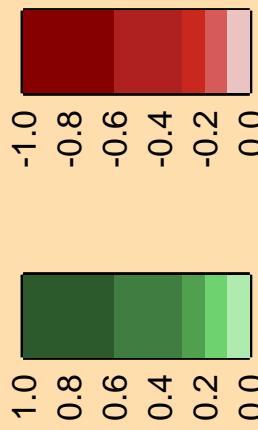


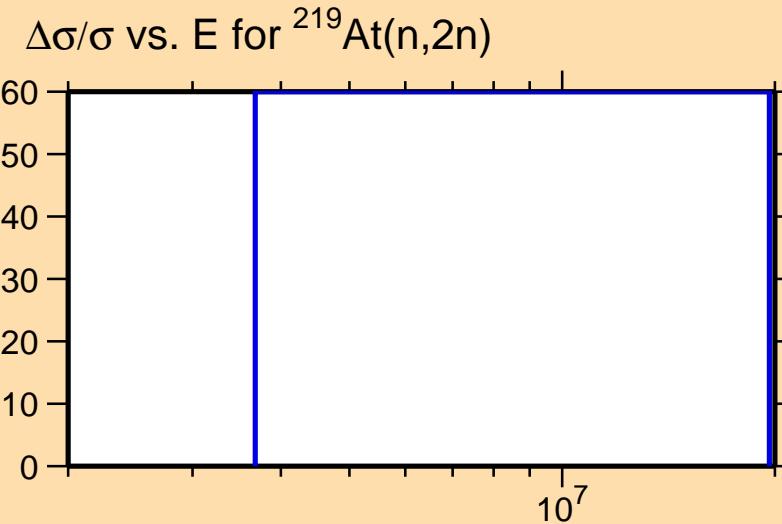
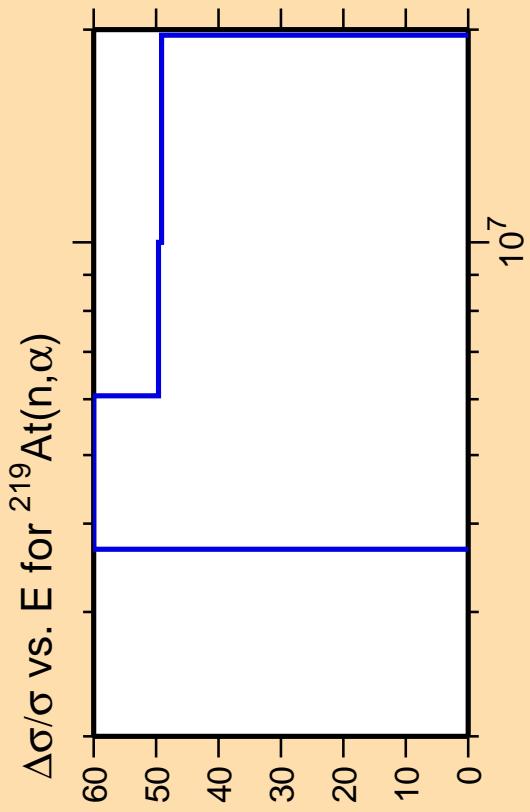
Correlation Matrix





Correlation Matrix





Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

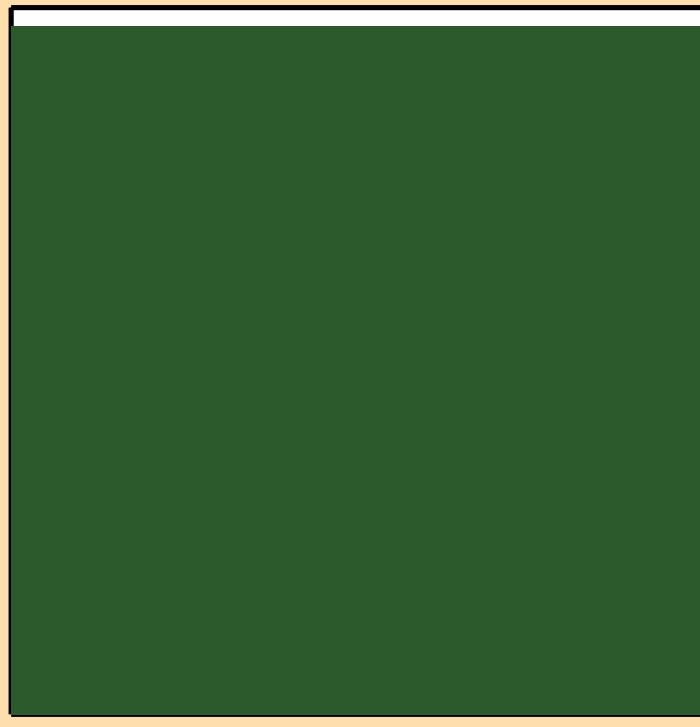
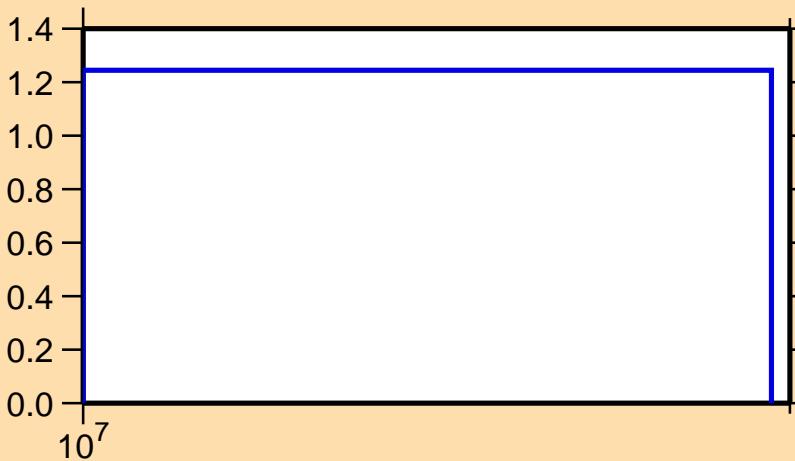


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,3n)$

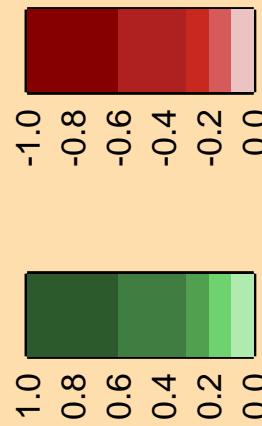
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

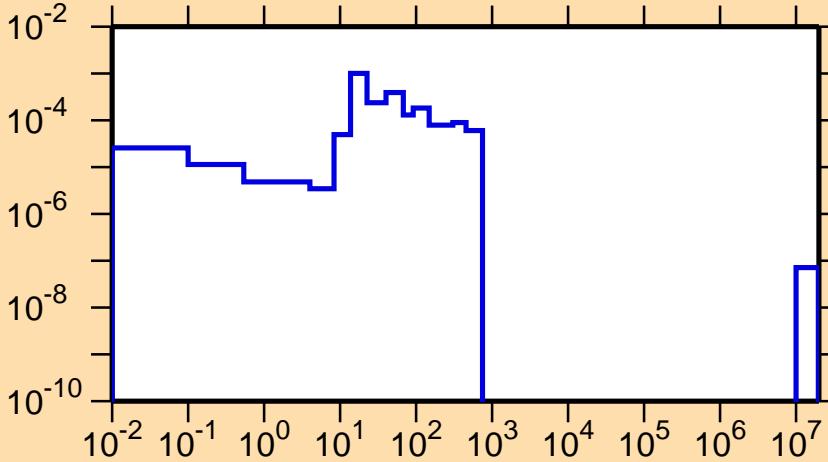


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,f)$

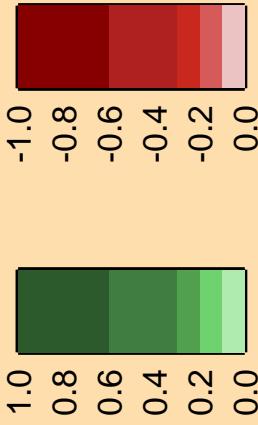
Ordinate scales are % relative  
standard deviation and barns.

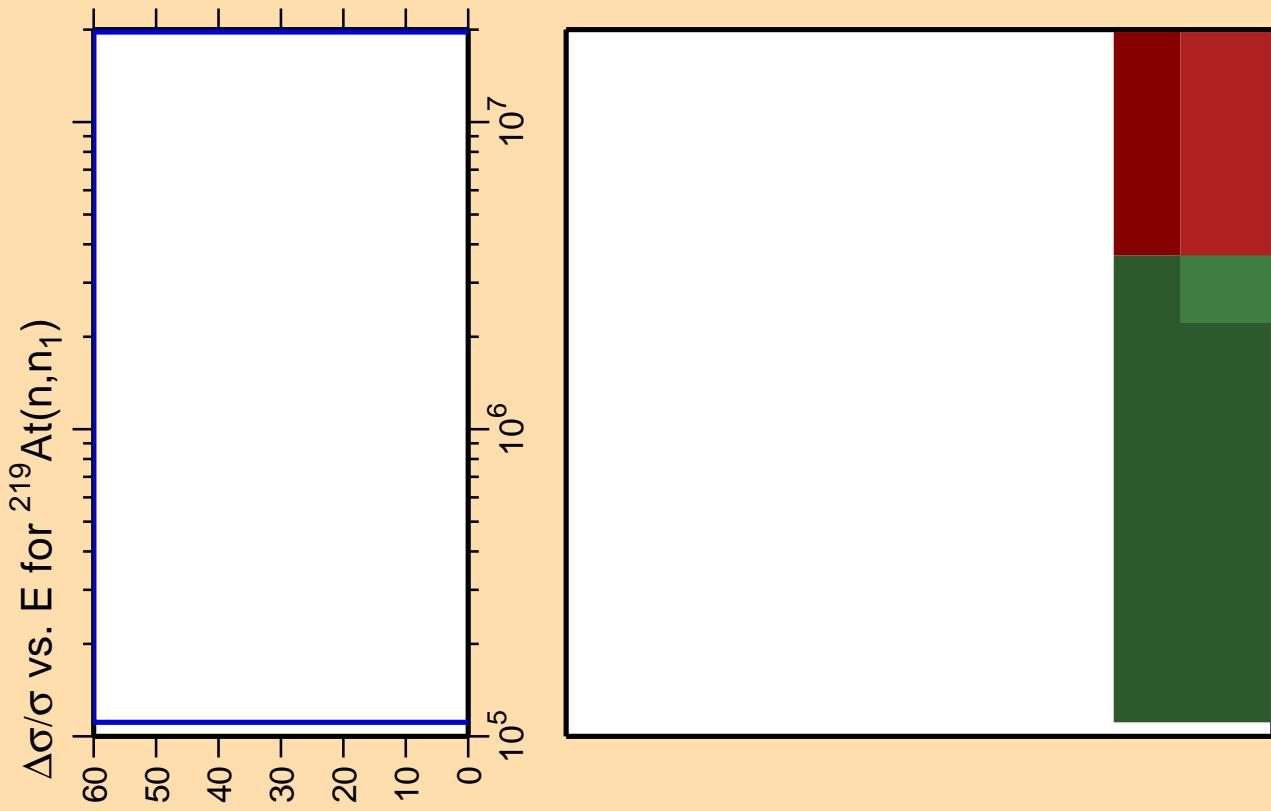
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

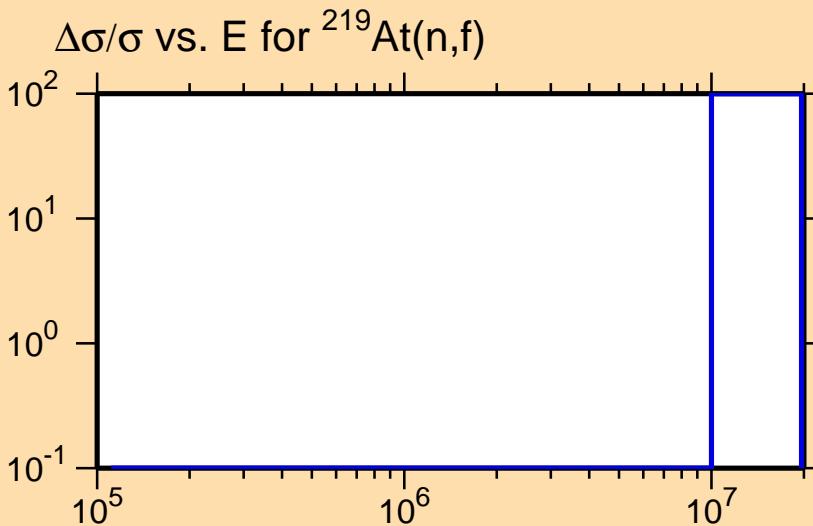


Correlation Matrix

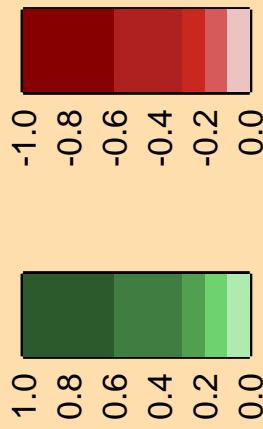


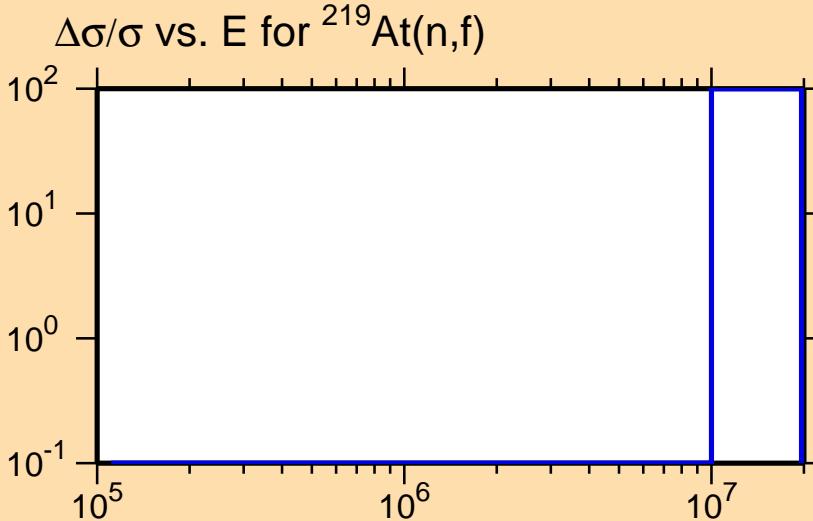
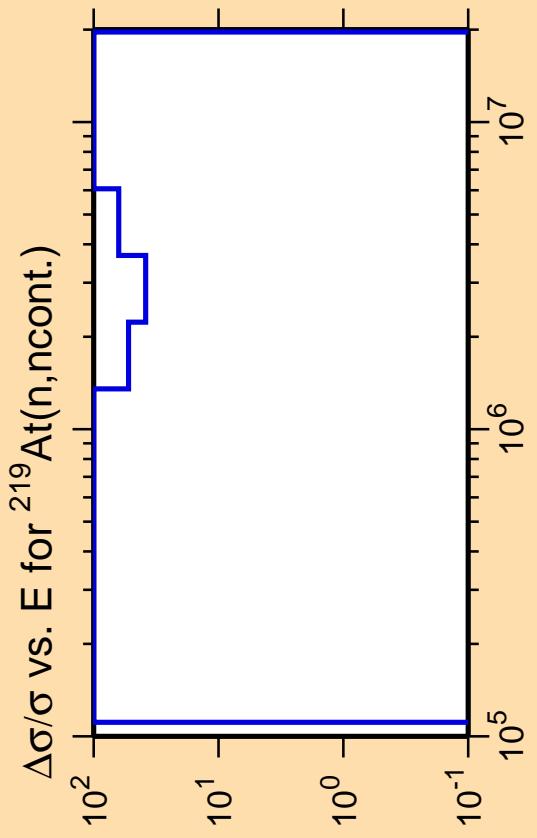


Ordinate scale is %  
relative standard deviation.  
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



Correlation Matrix

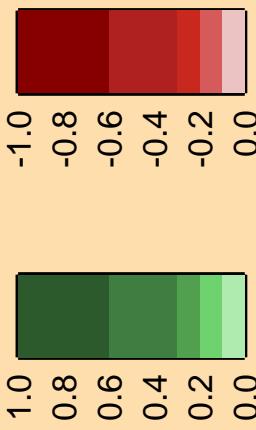


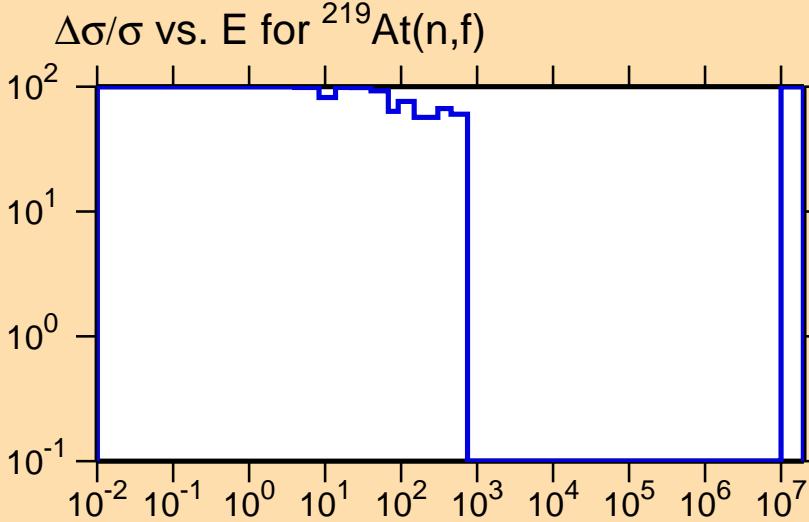
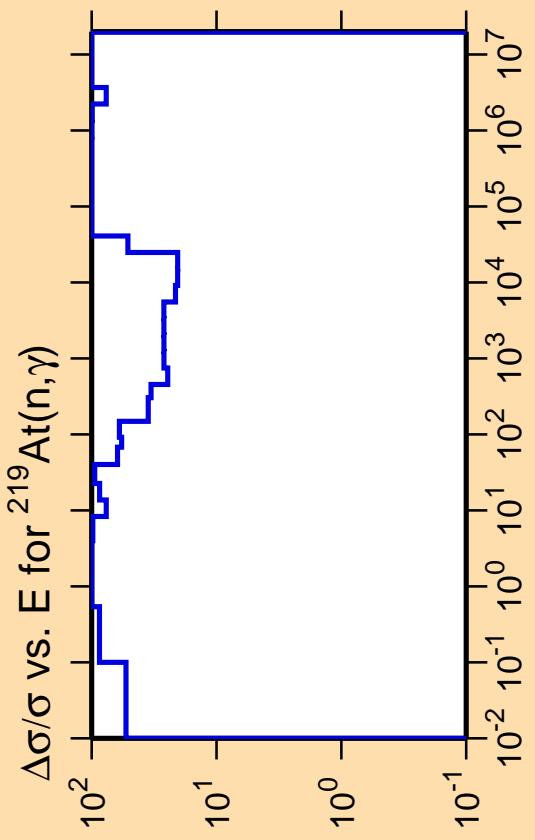


Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

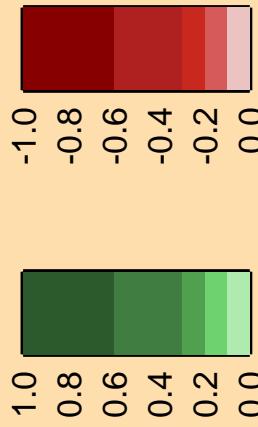




Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

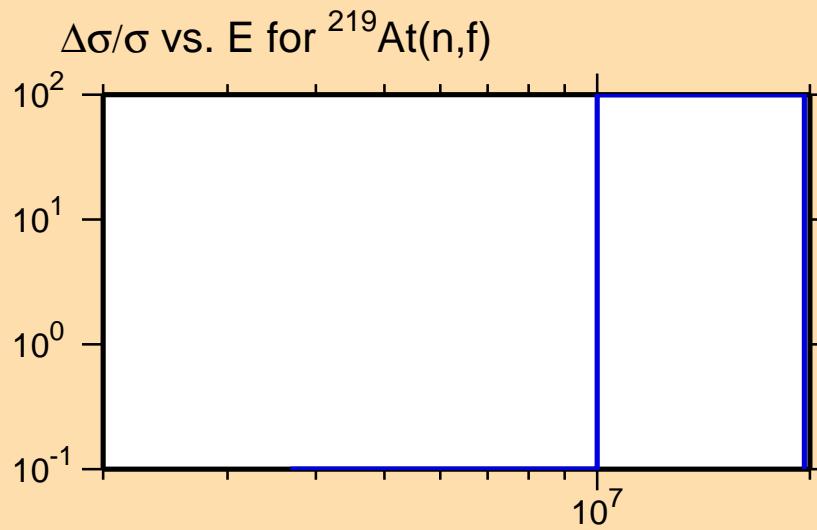


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,p)$

Ordinate scale is %  
relative standard deviation.

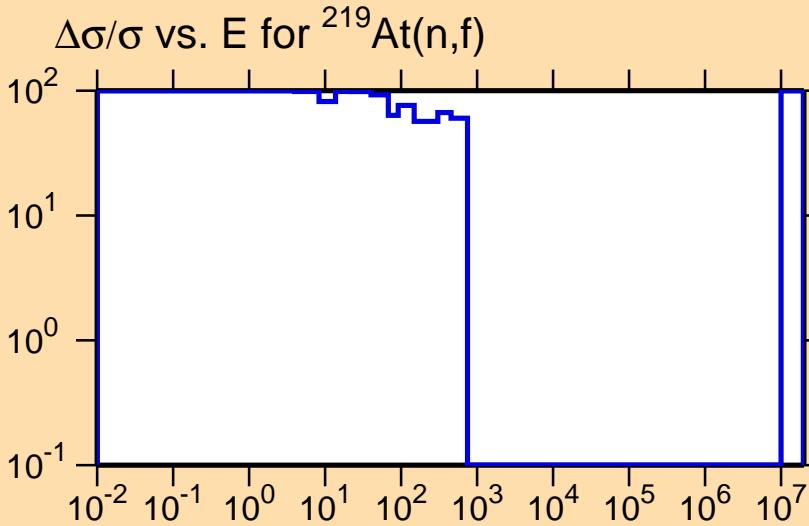
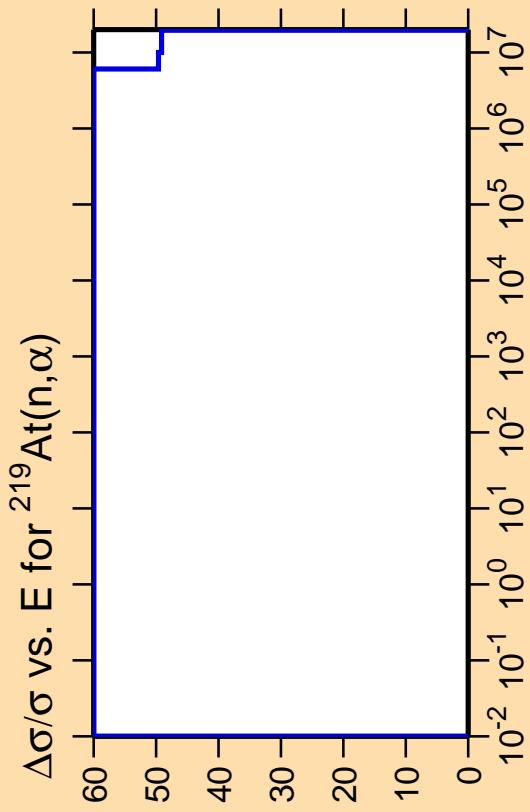
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



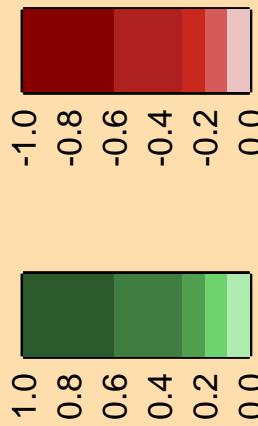


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
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Correlation Matrix

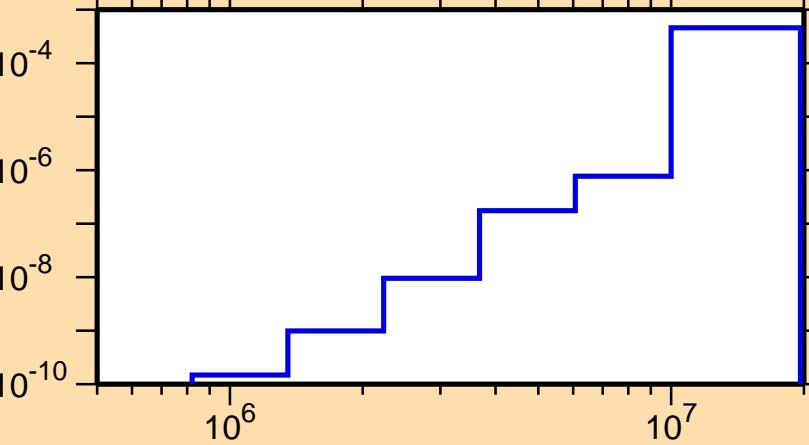


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{n}\alpha)$

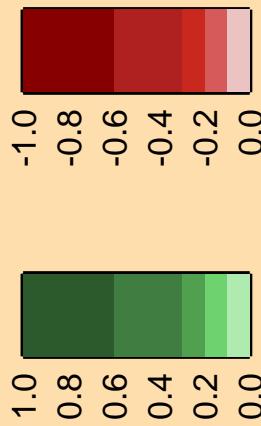
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



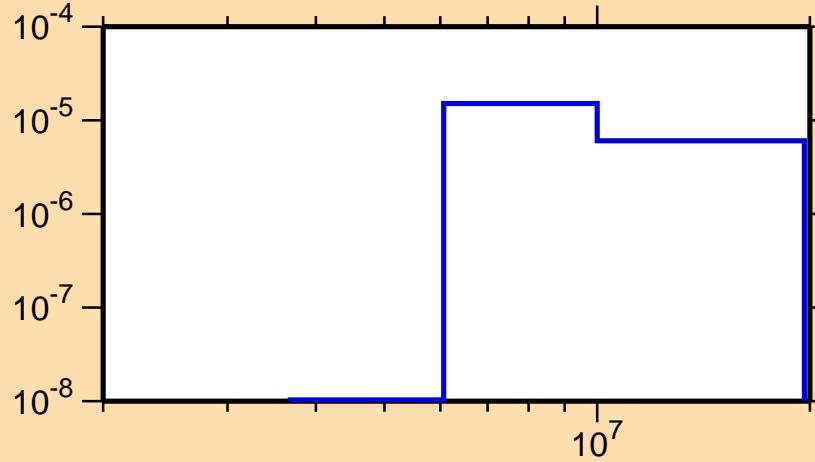
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,2n\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

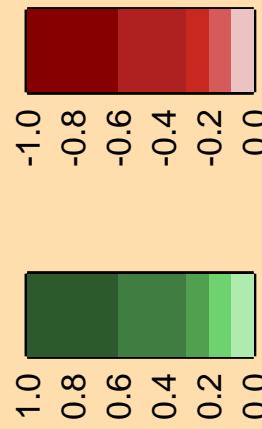
Abscissa scales are energy (eV).

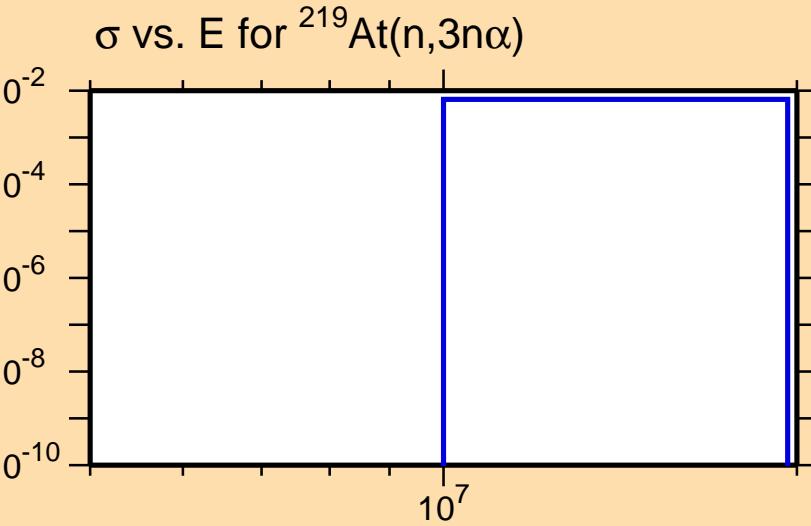
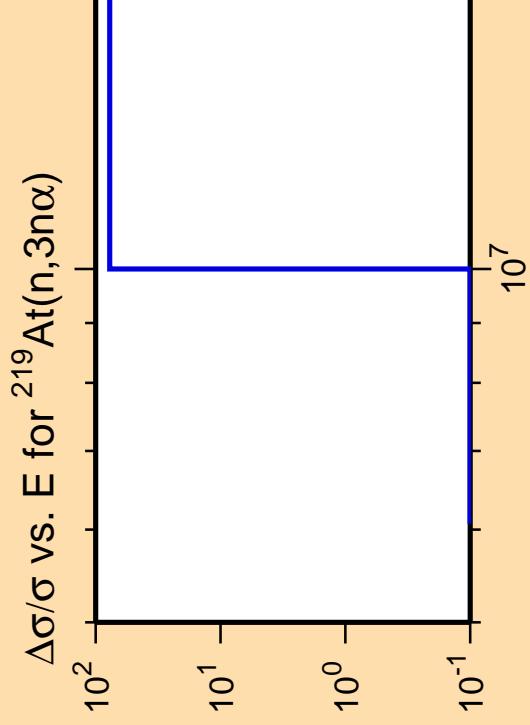
Warning: some uncertainty  
data were suppressed.

$\sigma$  vs. E for  $^{219}\text{At}(n,2n\alpha)$

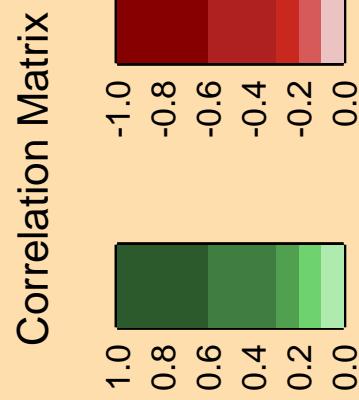


Correlation Matrix





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

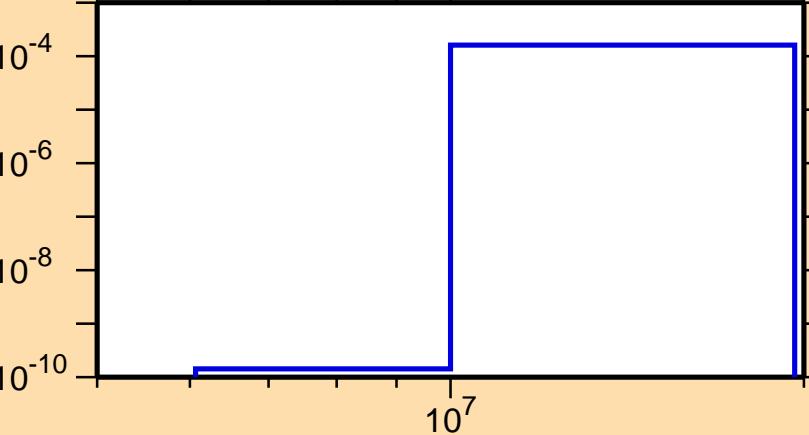


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{np})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

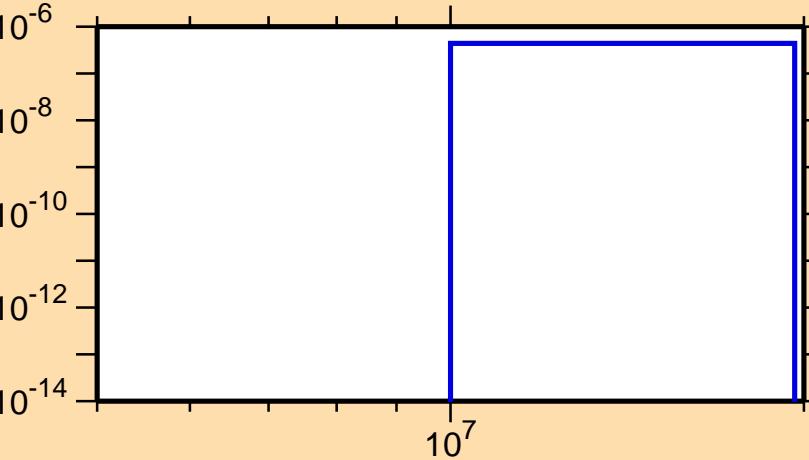


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{nd})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

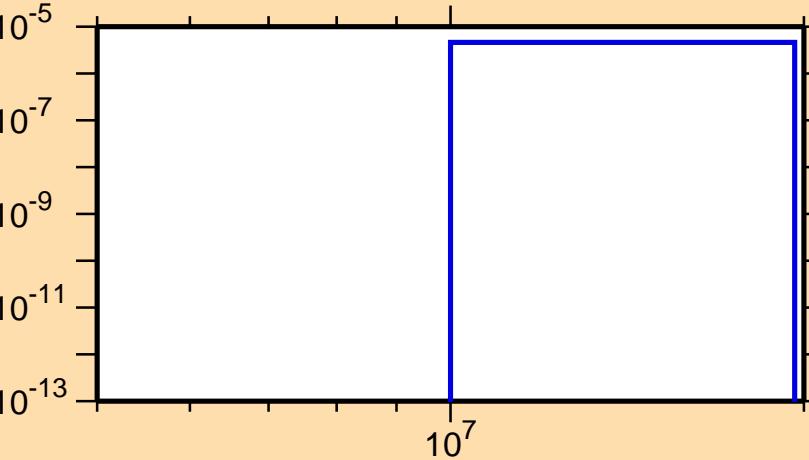


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{nt})$

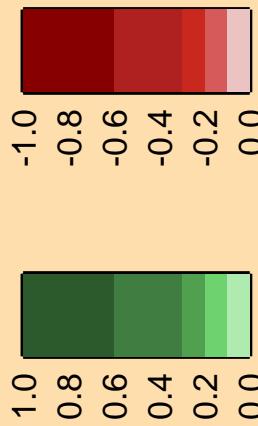
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

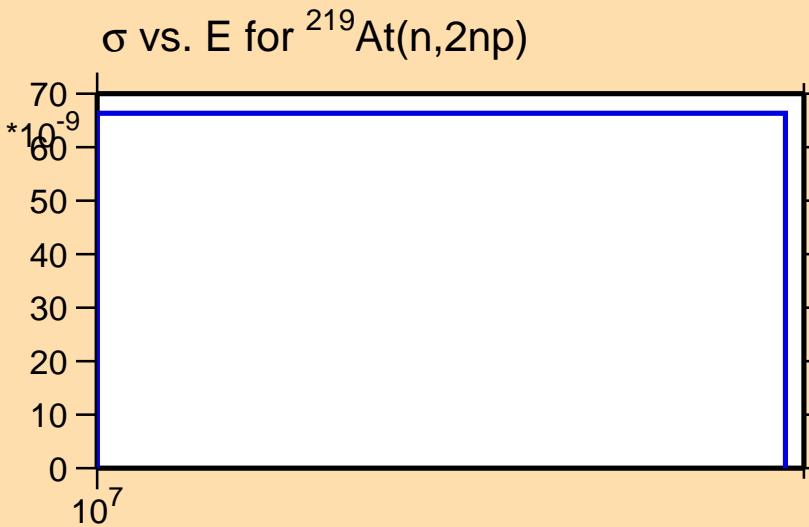


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,2\text{np})$

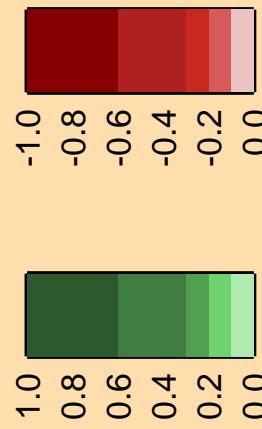
Ordinate scales are % relative  
standard deviation and barns.

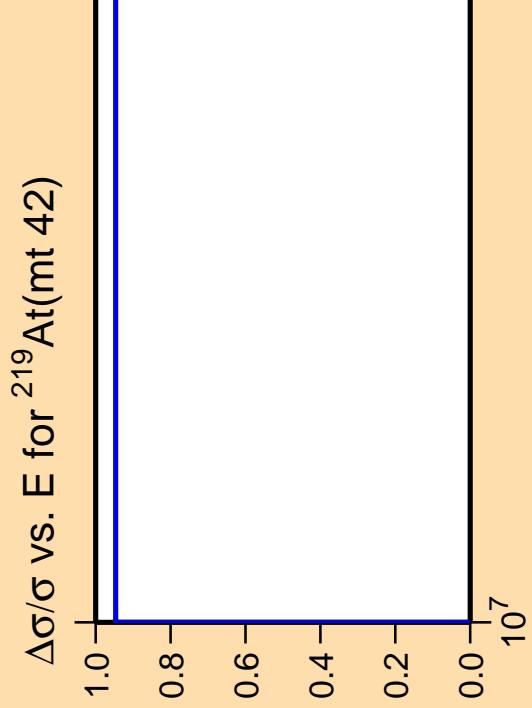
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

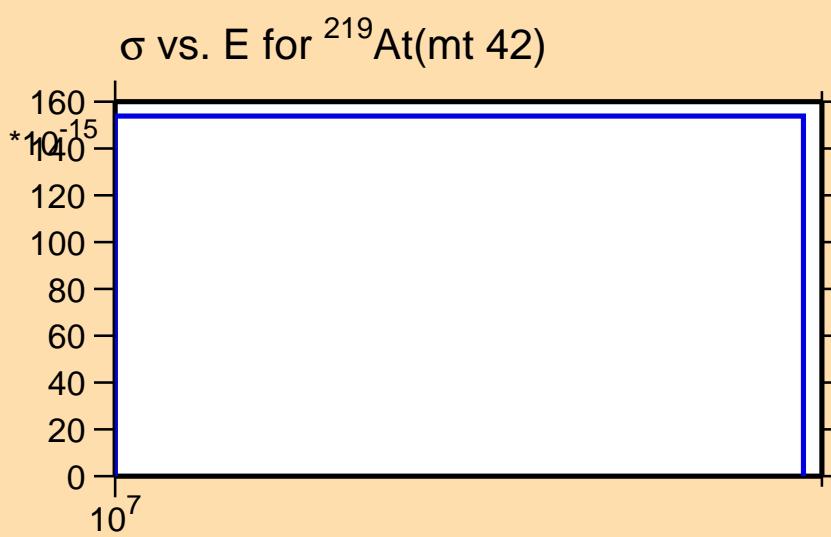


Correlation Matrix

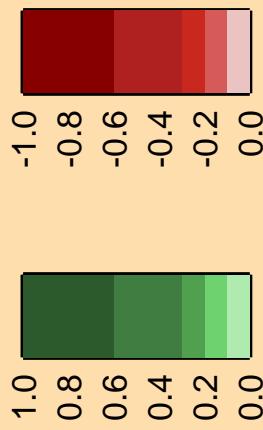


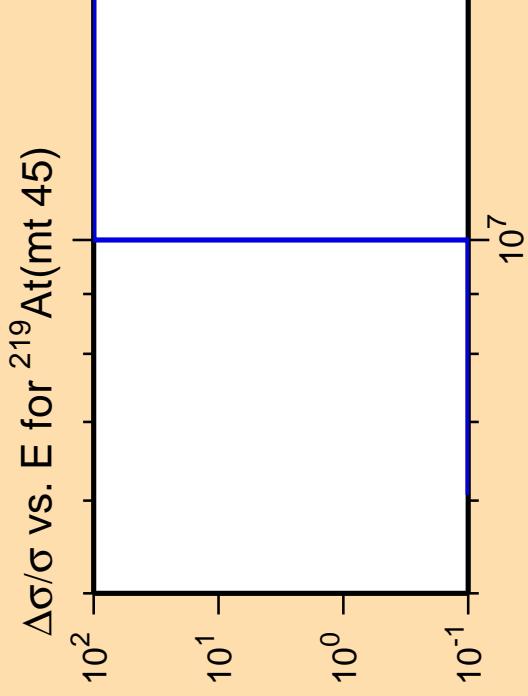


Ordinate scales are % relative  
standard deviation and barns.  
Abscissa scales are energy (eV).



Correlation Matrix

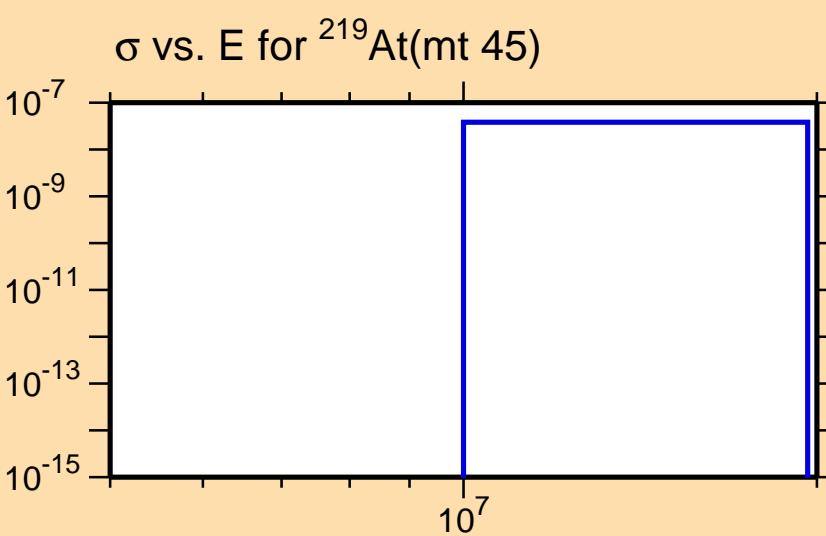




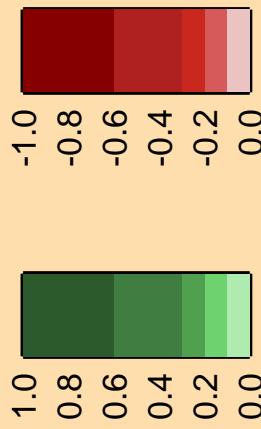
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

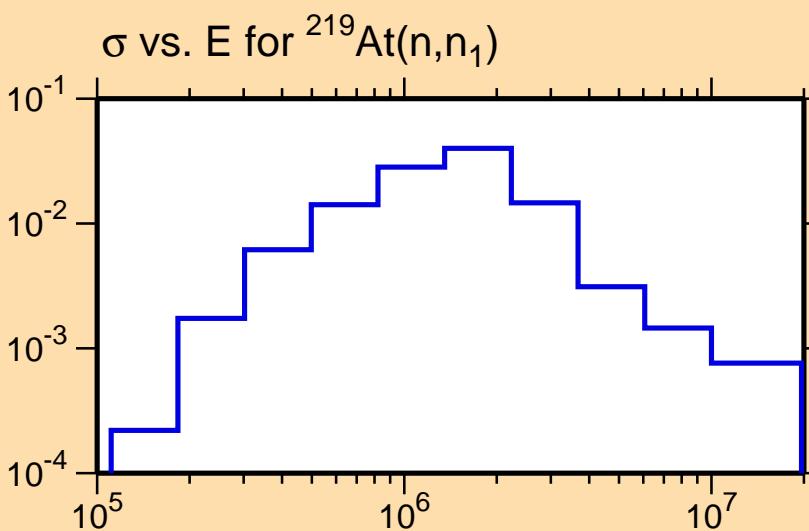


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

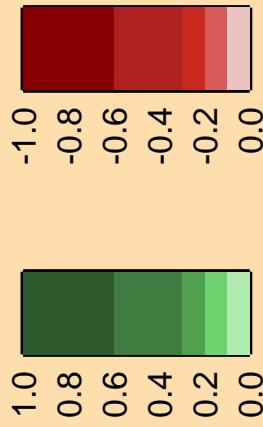
Ordinate scales are % relative  
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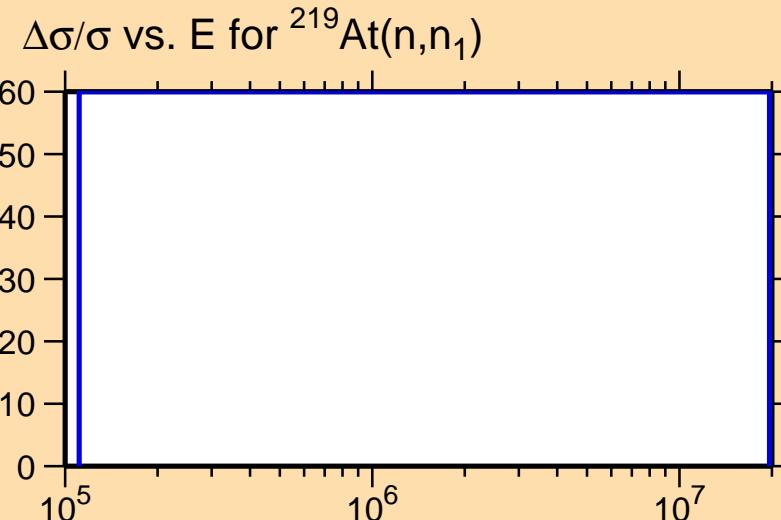
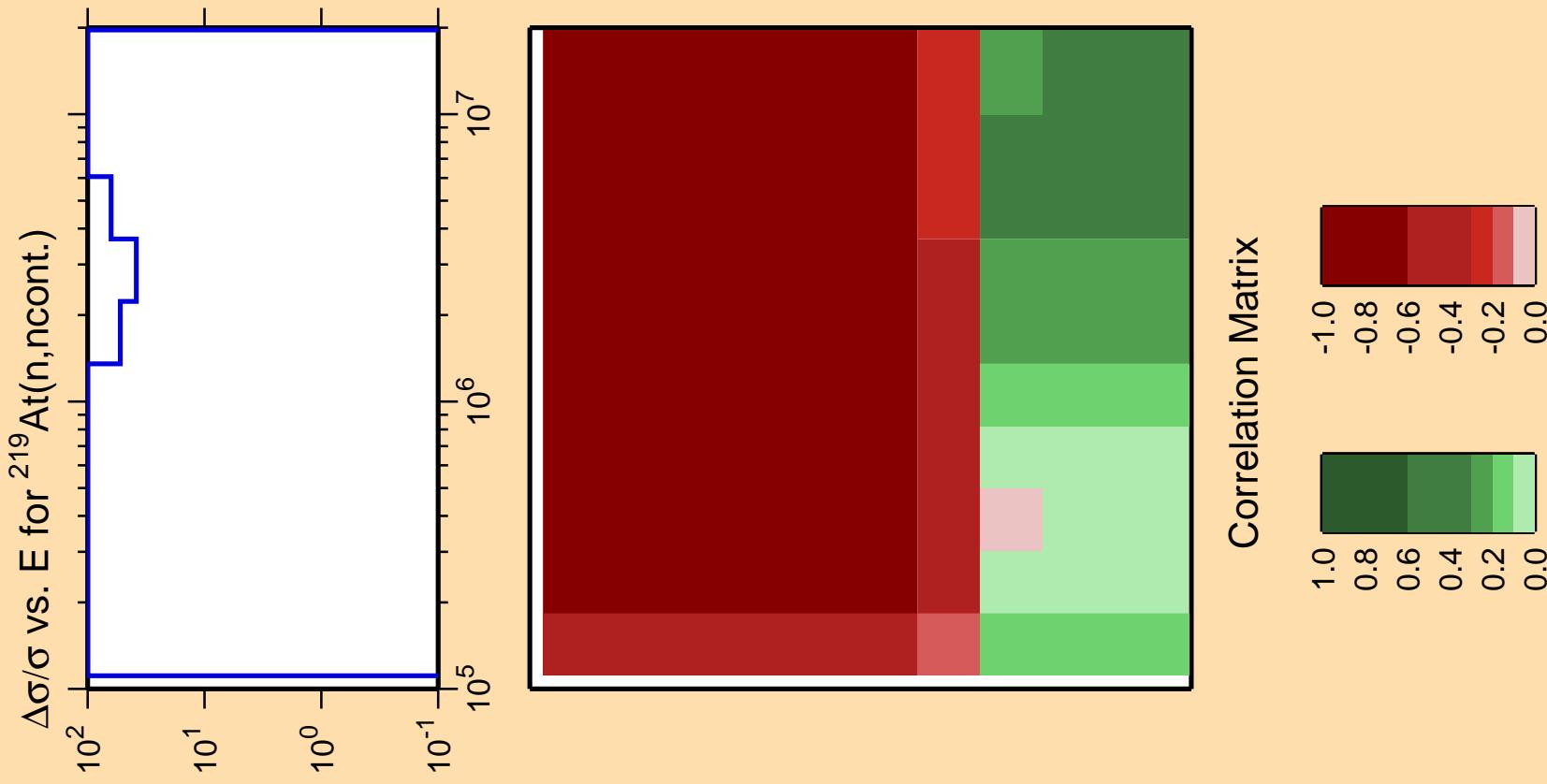
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix



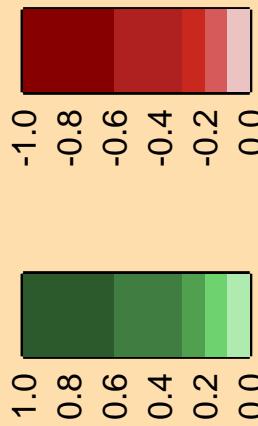


Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

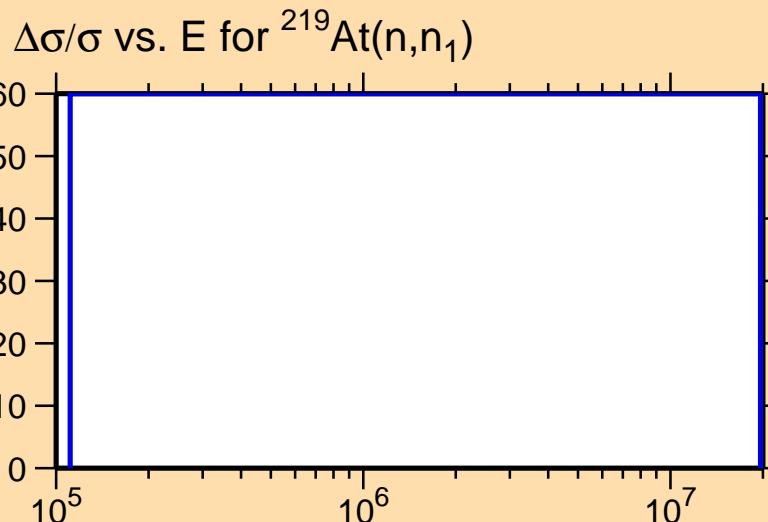
Correlation Matrix



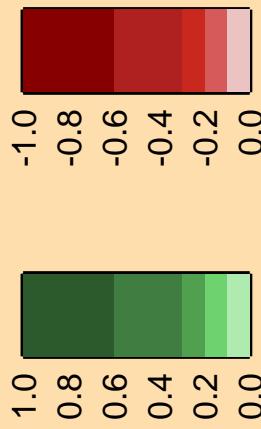
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\gamma)$

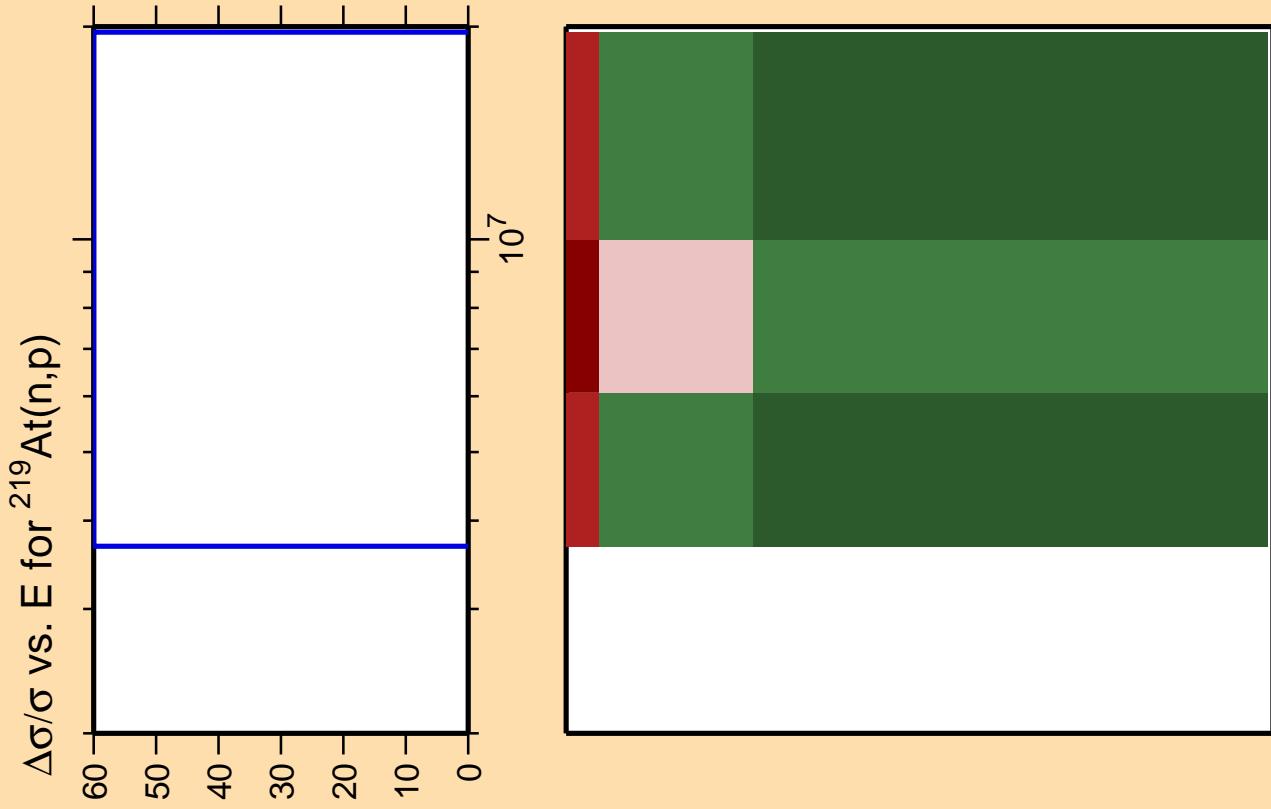
Ordinate scale is %  
relative standard deviation.

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

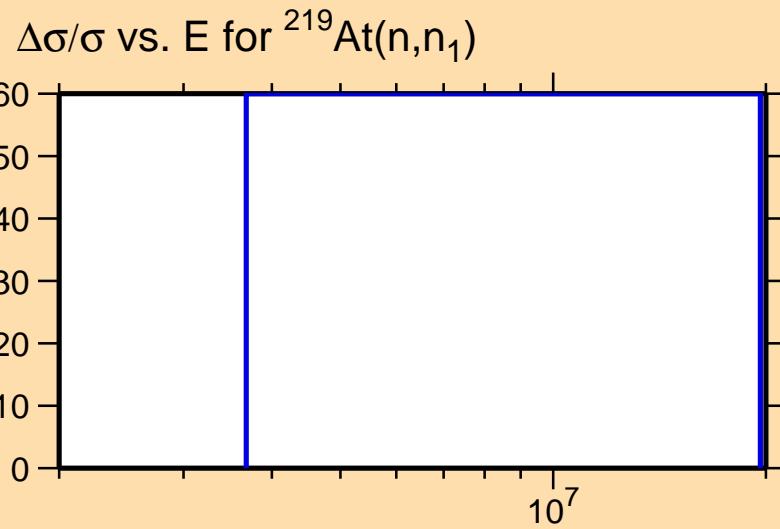
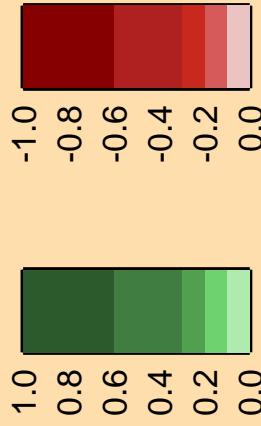


Correlation Matrix

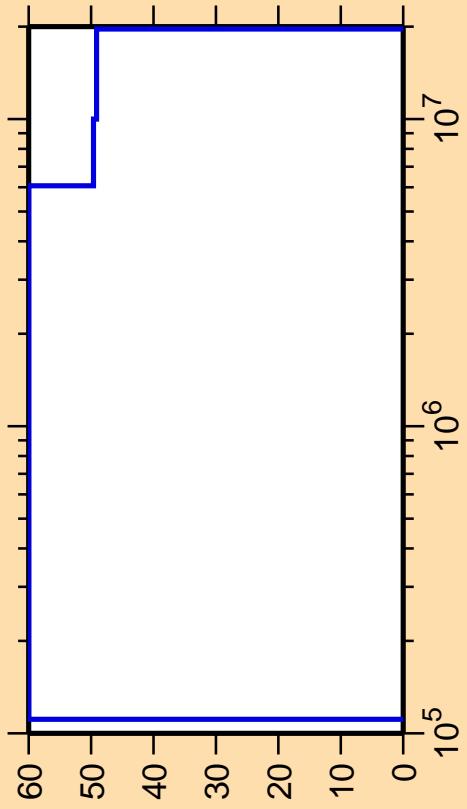




Correlation Matrix

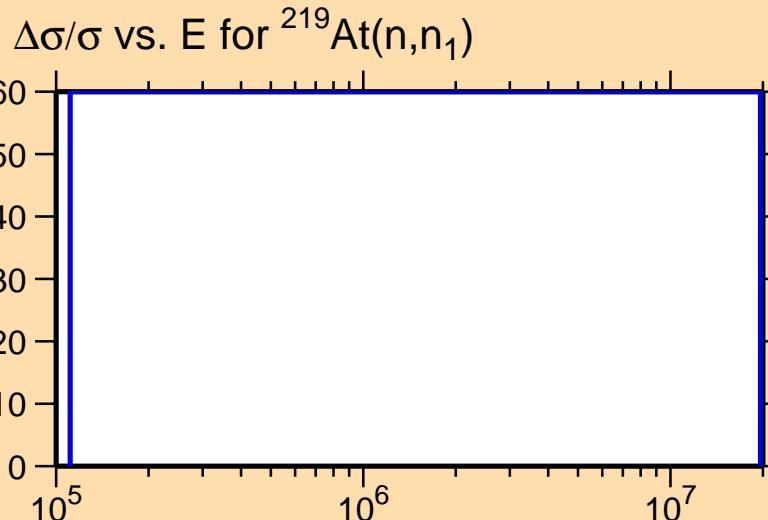


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\alpha)$



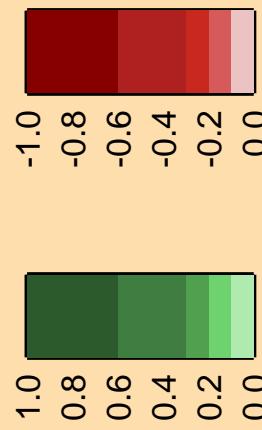
Ordinate scale is %  
relative standard deviation.

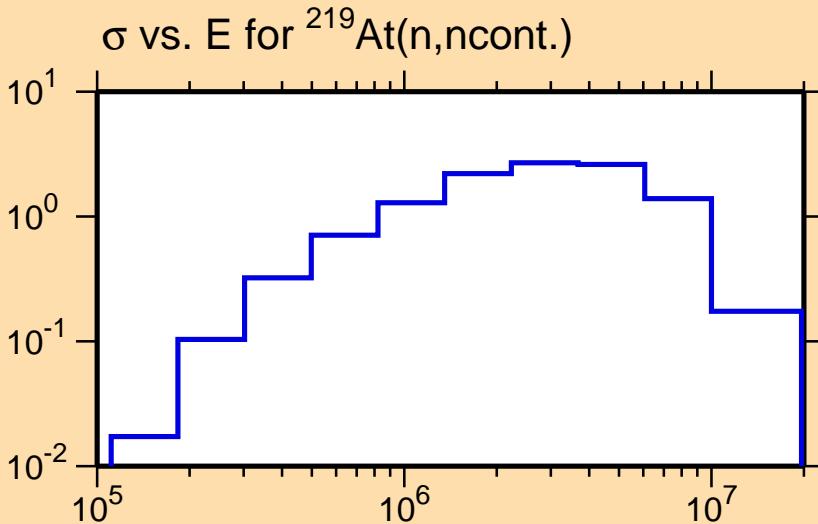
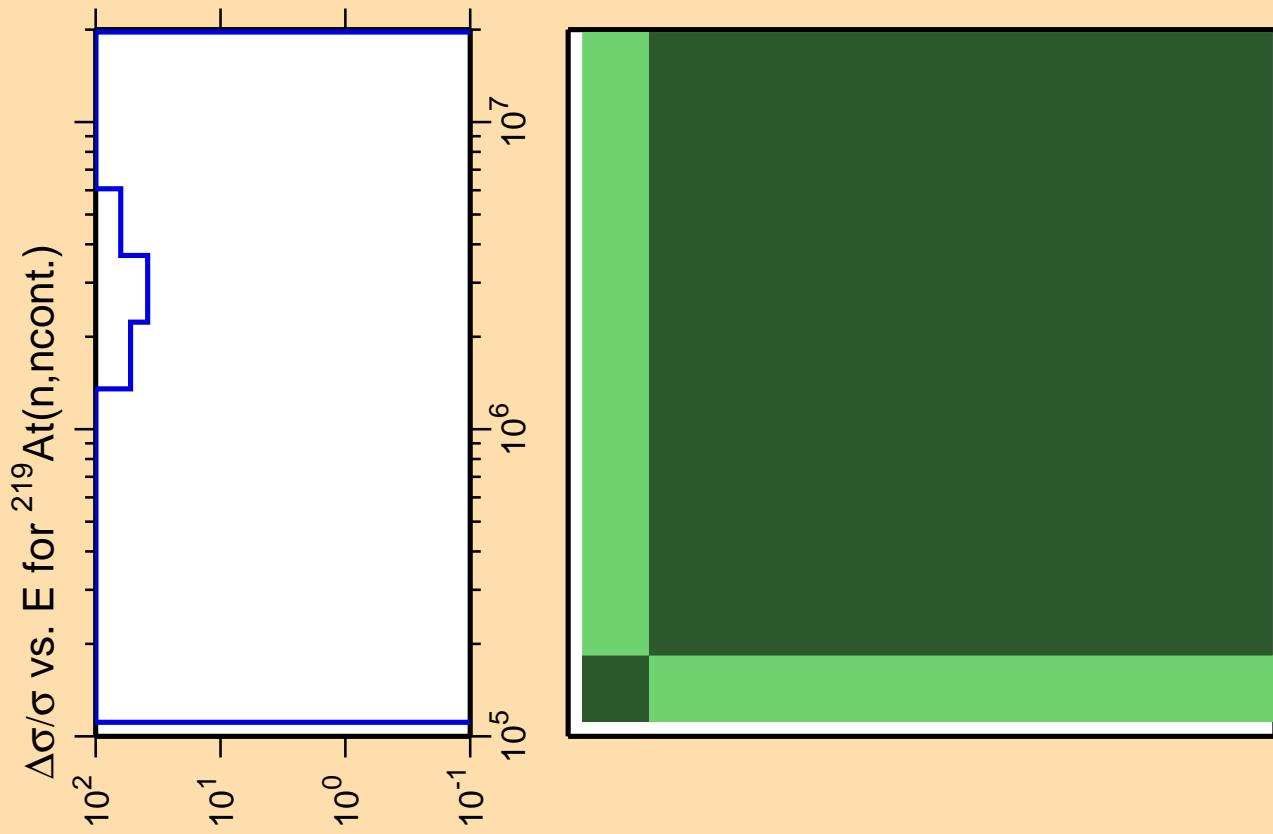
Abscissa scales are energy (eV).  
Warning: some uncertainty  
data were suppressed.



$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,n_1)$

Correlation Matrix



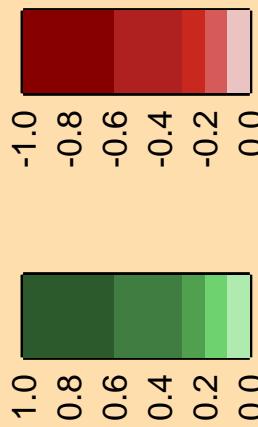


Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.

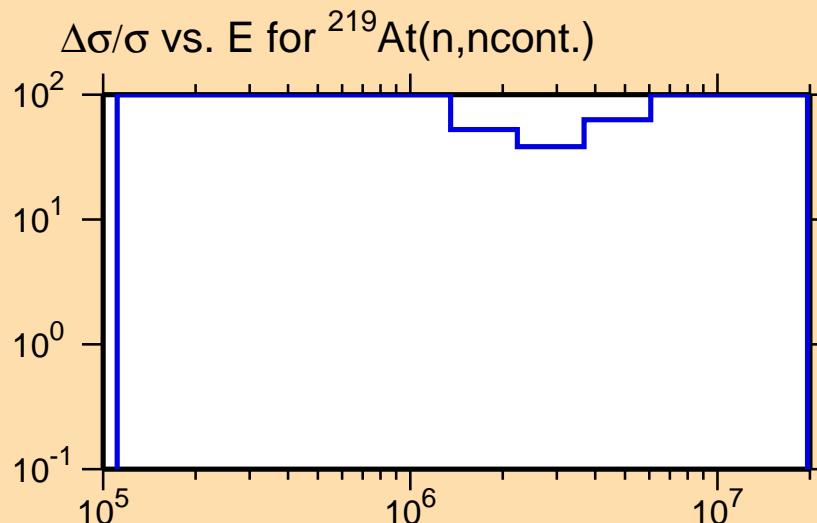
Correlation Matrix



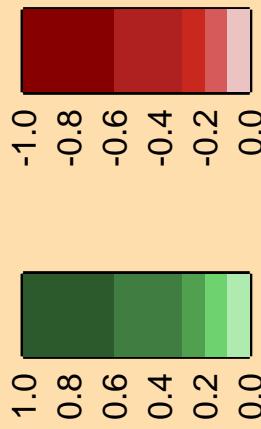
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\gamma)$

Ordinate scale is %  
relative standard deviation.

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



Correlation Matrix

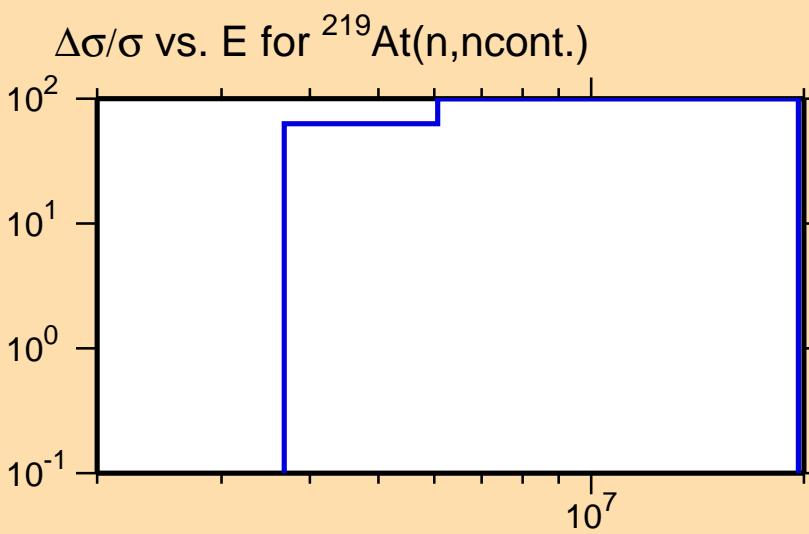


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,p)$

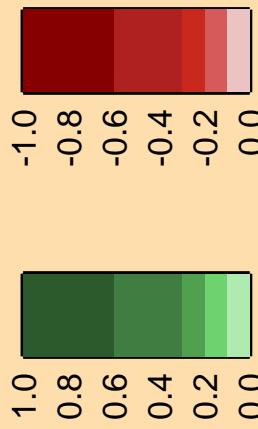
Ordinate scale is %  
relative standard deviation.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



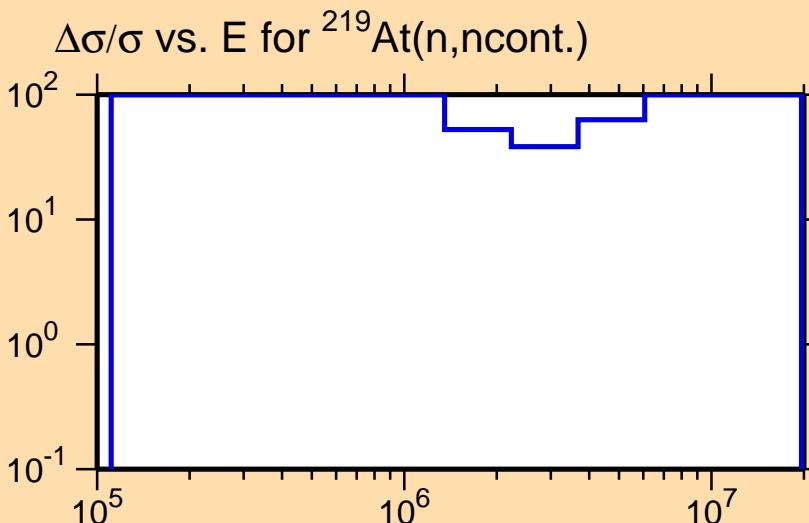
Correlation Matrix



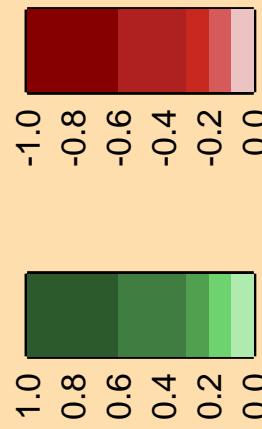
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\alpha)$

Ordinate scale is %  
relative standard deviation.

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



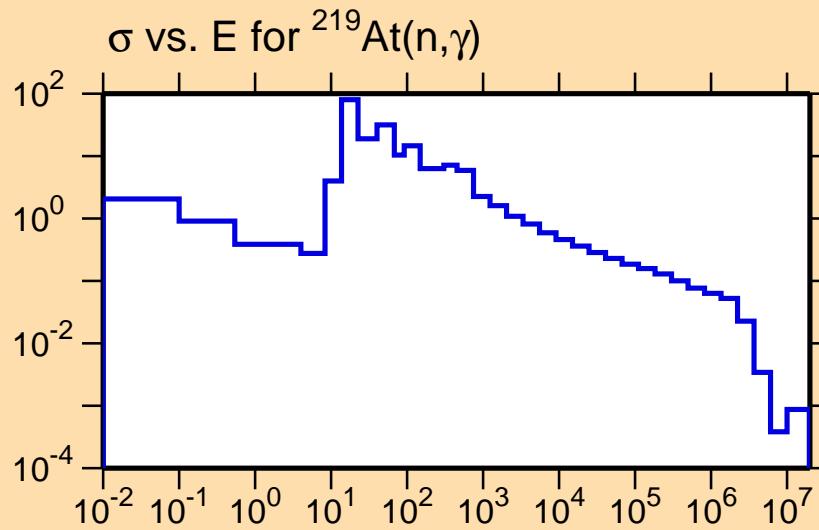
Correlation Matrix



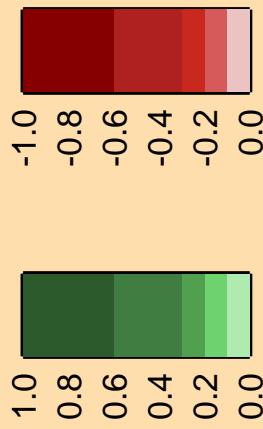
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\gamma)$

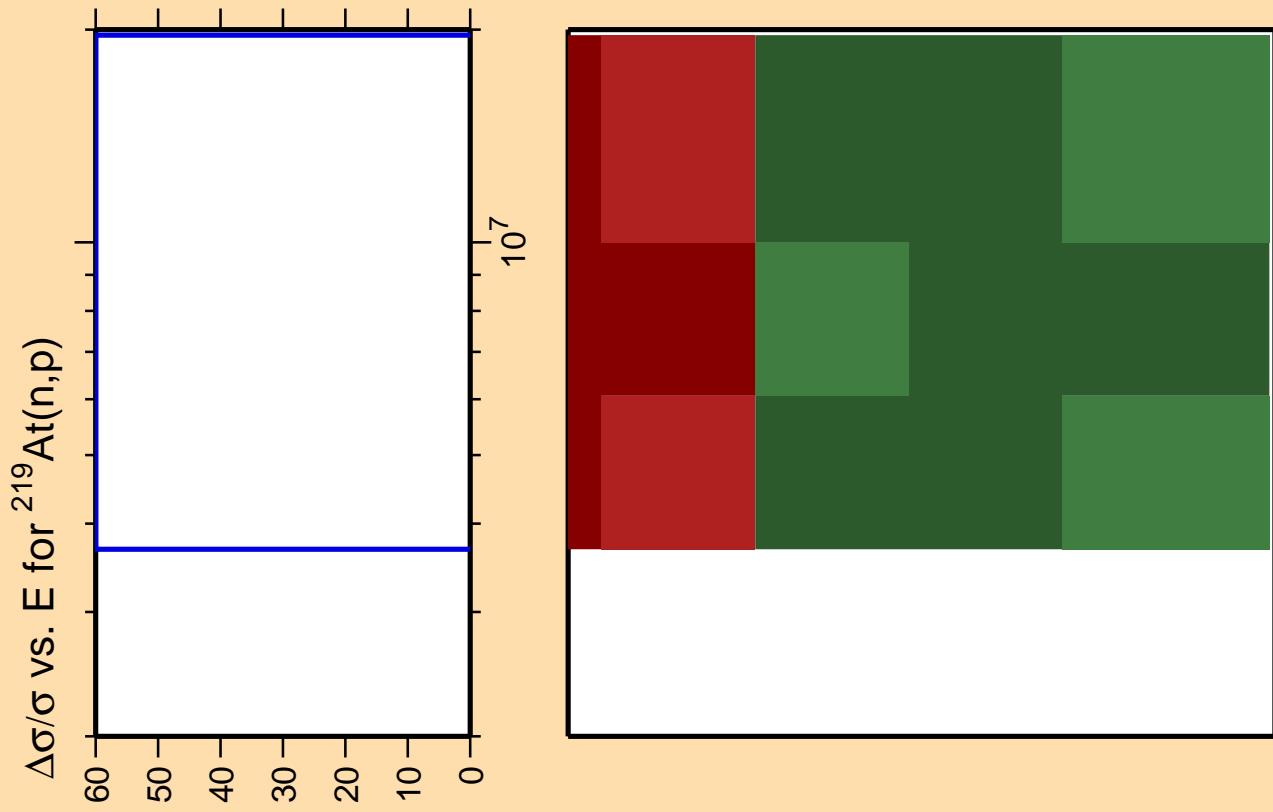
Ordinate scales are % relative  
standard deviation and barns.

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

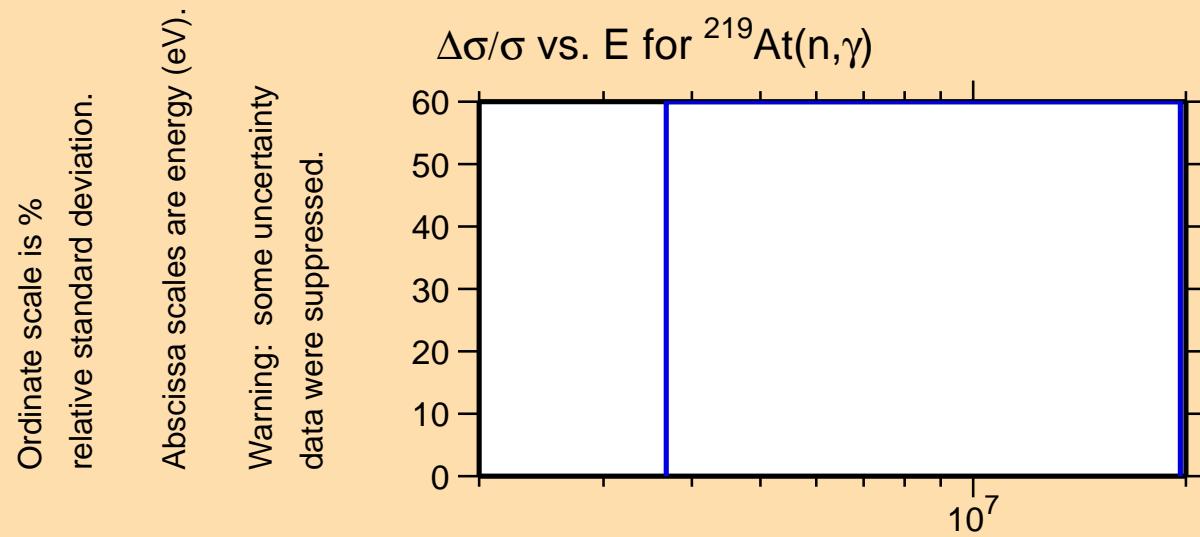
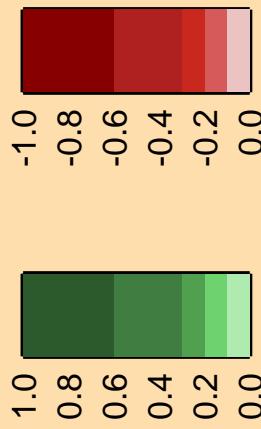


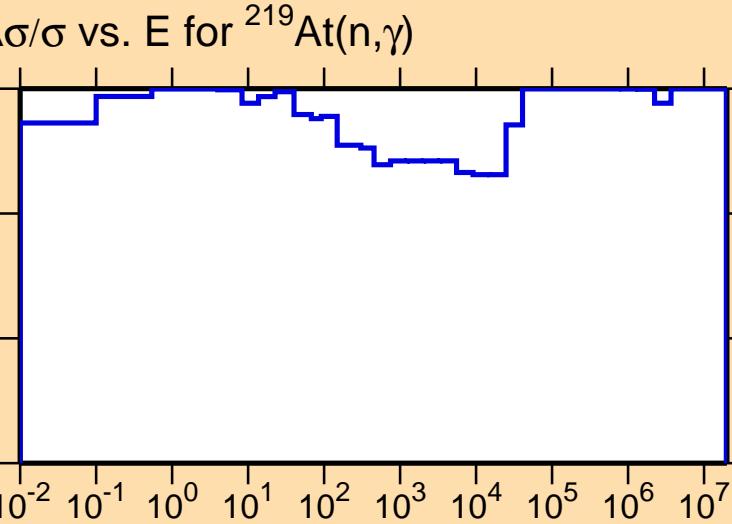
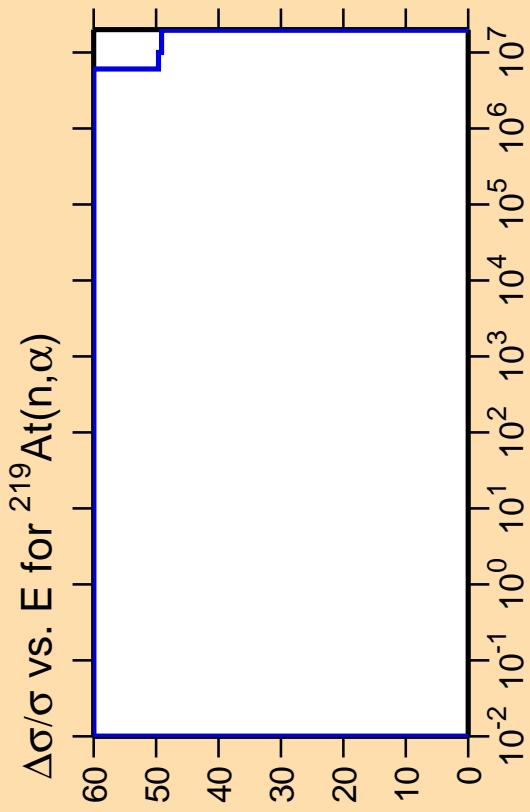
Correlation Matrix





Correlation Matrix

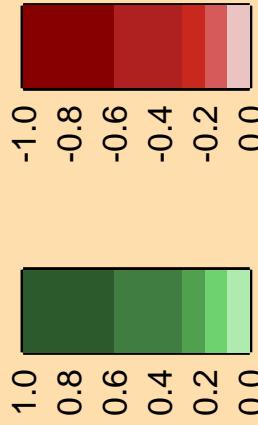




Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

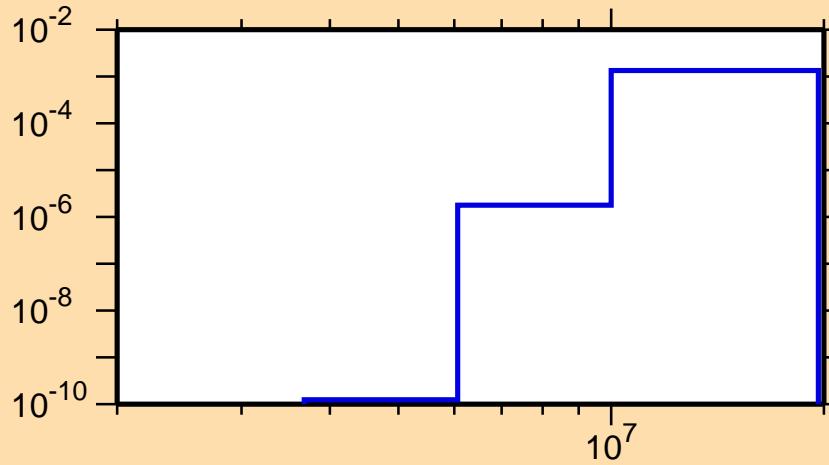


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,p)$

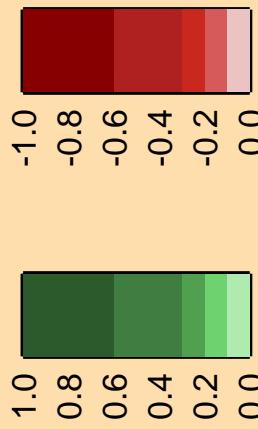
Ordinate scales are % relative  
standard deviation and barns.

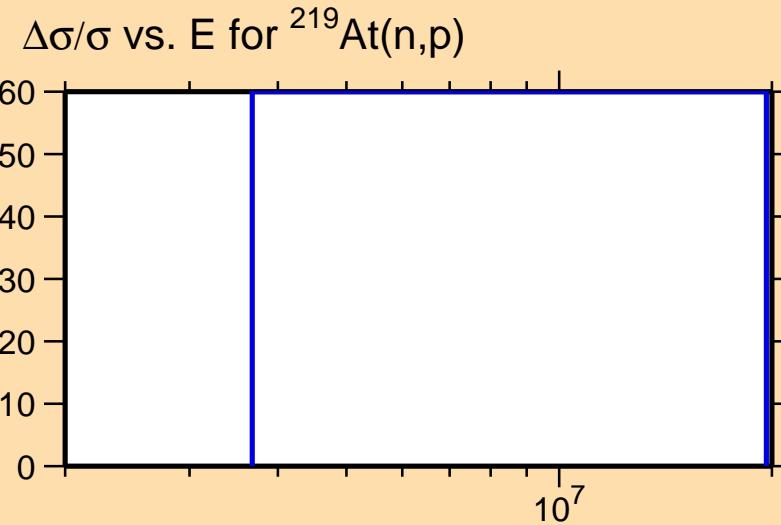
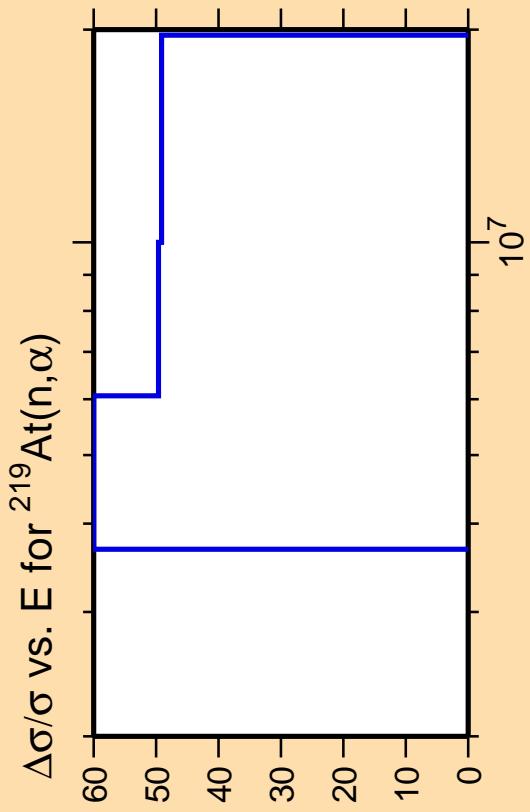
Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

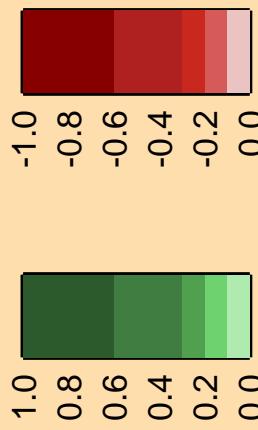




Ordinate scale is %  
relative standard deviation.

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

Correlation Matrix

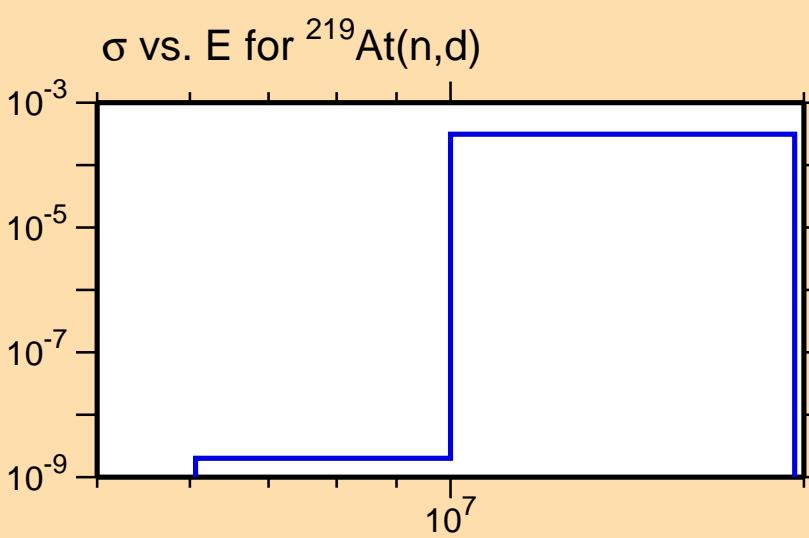


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,d)$

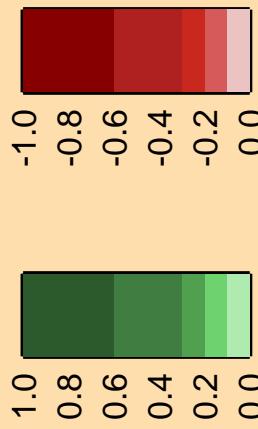
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

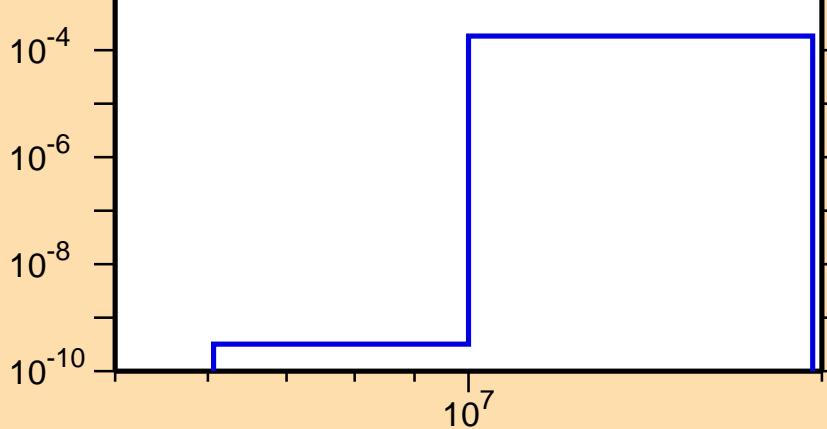


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,t)$

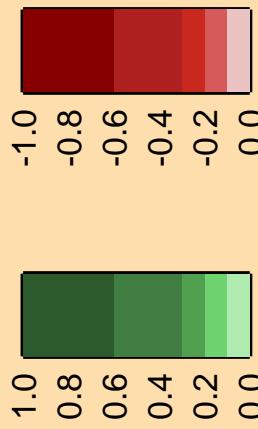
Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

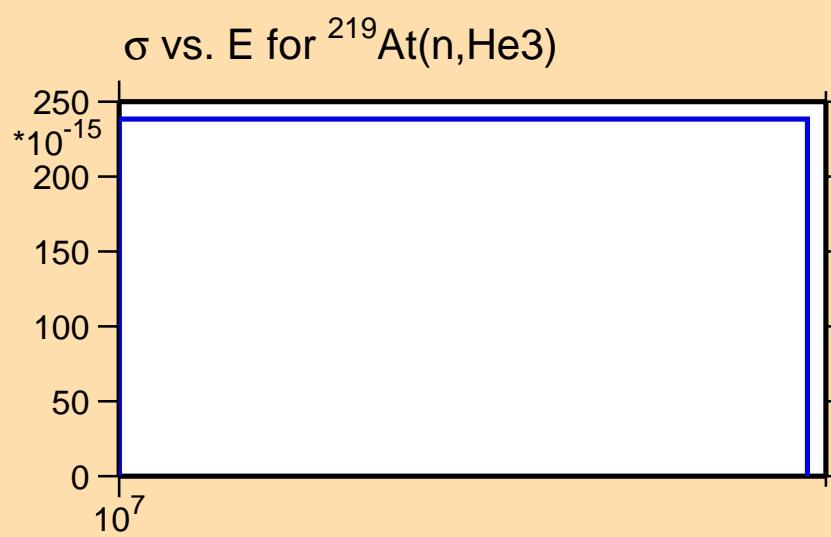


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(\text{n},\text{He3})$

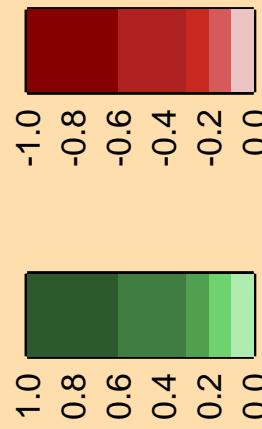
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

$10^7$

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



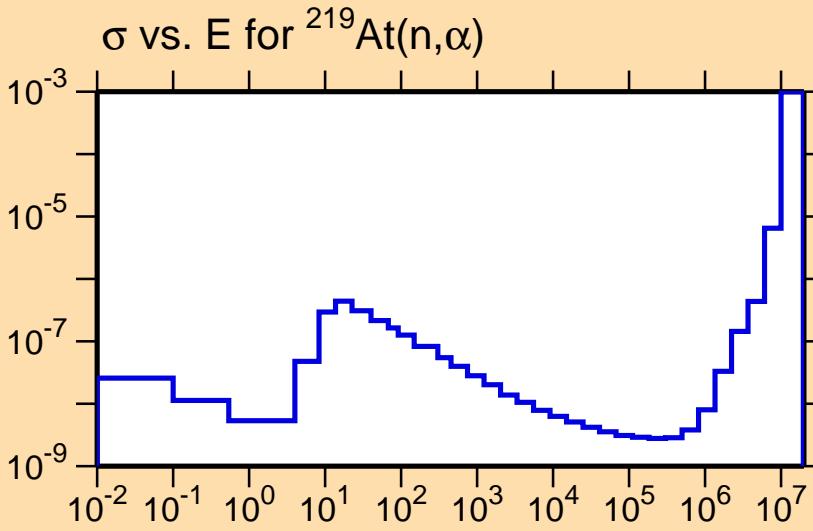
Correlation Matrix



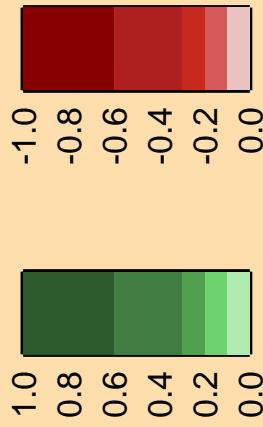
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

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



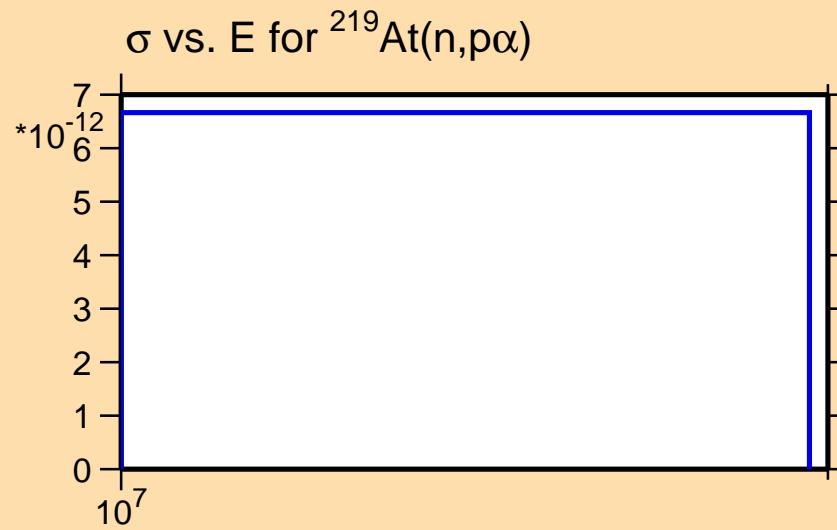
Correlation Matrix



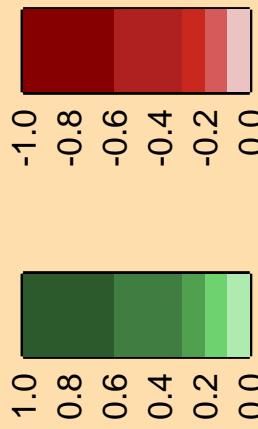
$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(n,\text{p}\alpha)$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

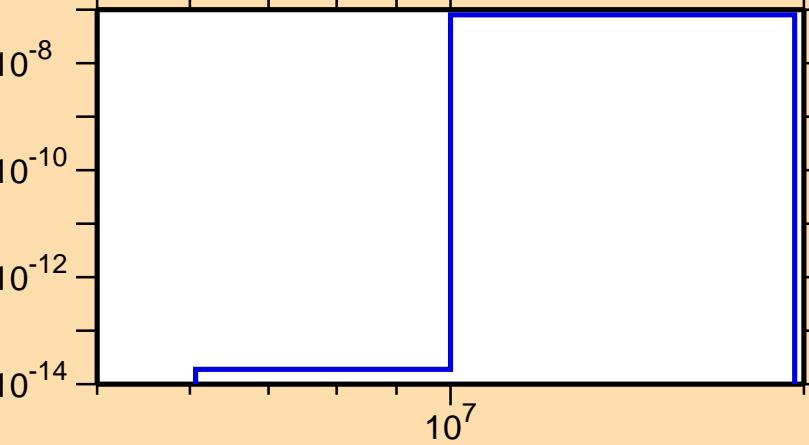


$\Delta\sigma/\sigma$  vs. E for  $^{219}\text{At}(\text{mt117})$

Ordinate scales are % relative  
standard deviation and barns.

Abscissa scales are energy (eV).

Warning: some uncertainty  
data were suppressed.



Correlation Matrix

