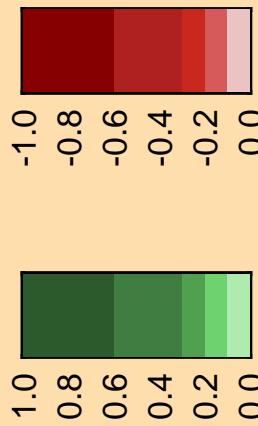
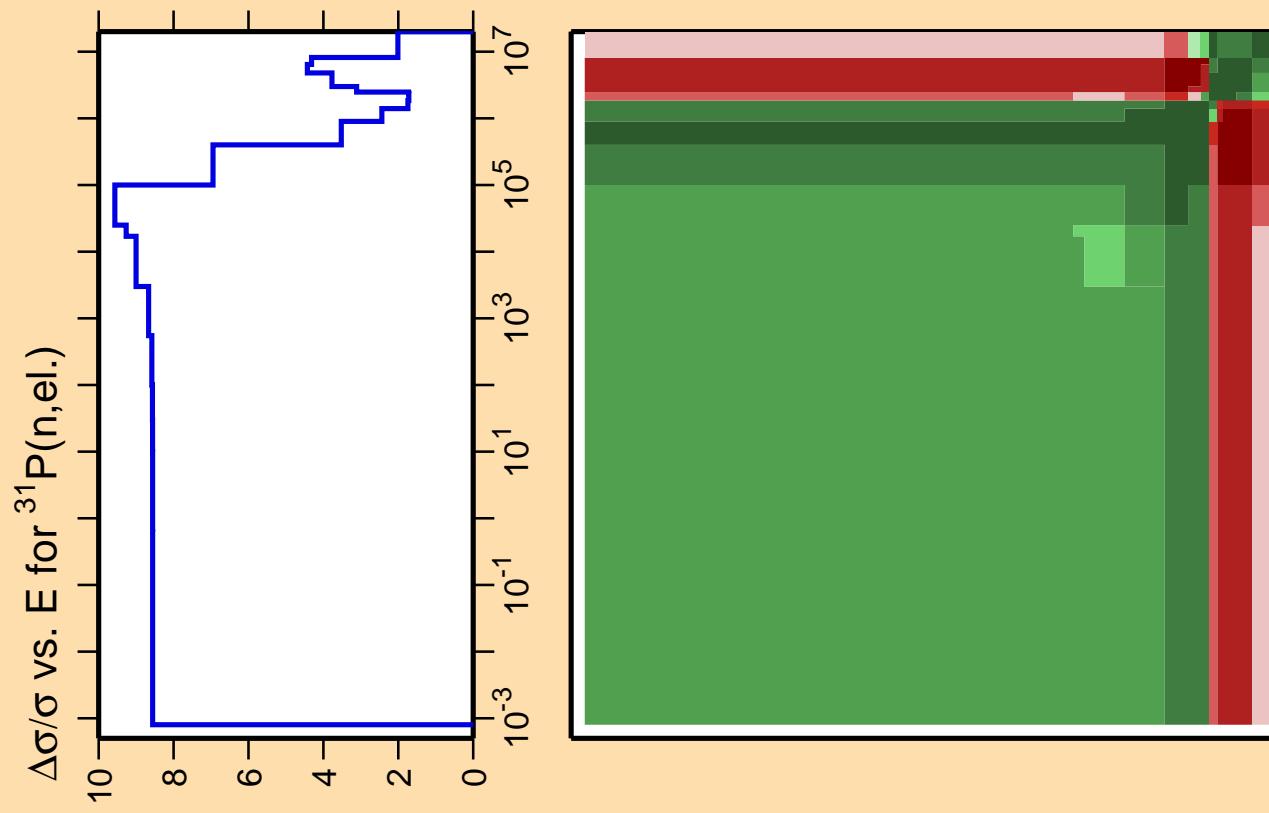


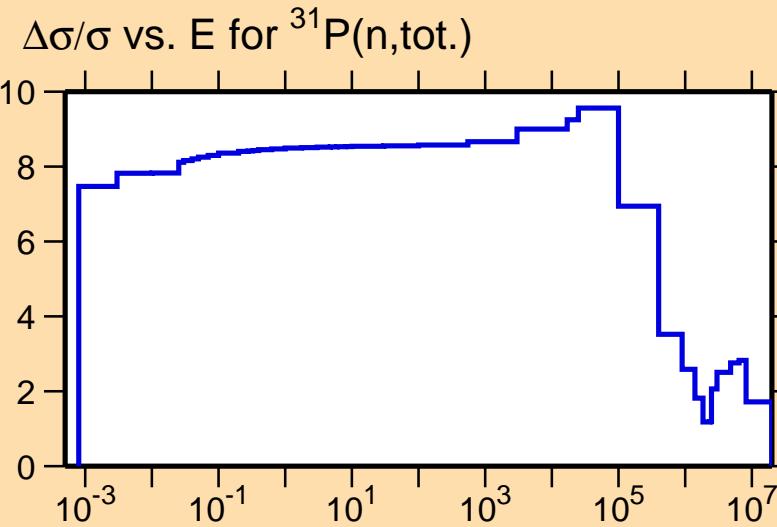
Correlation Matrix



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

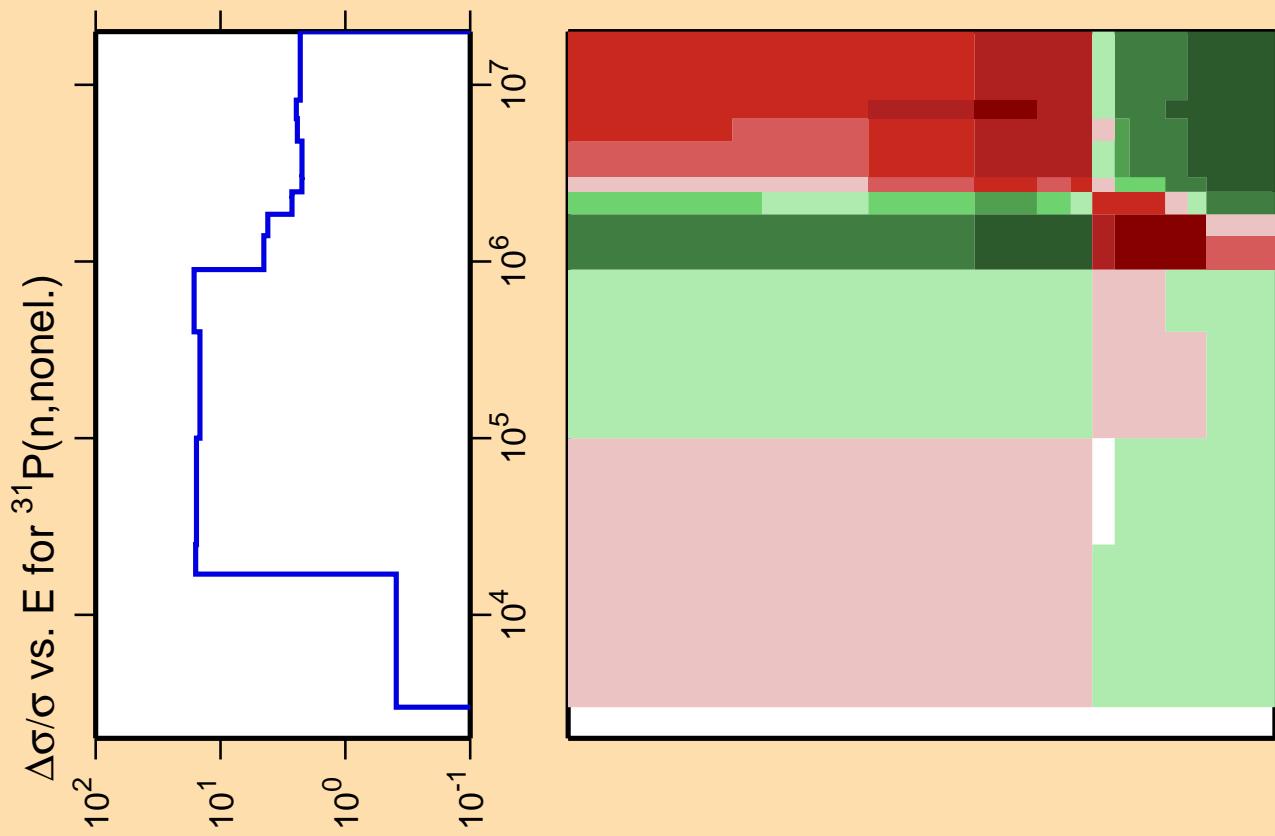


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

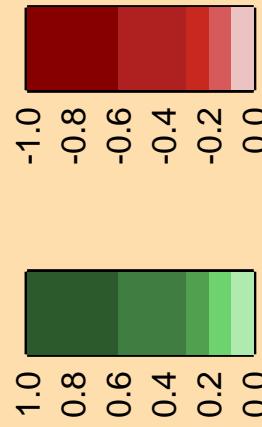


Correlation Matrix



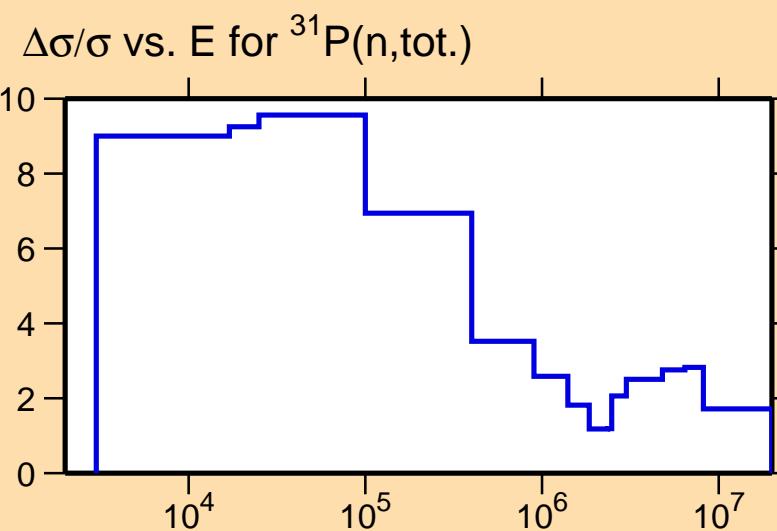


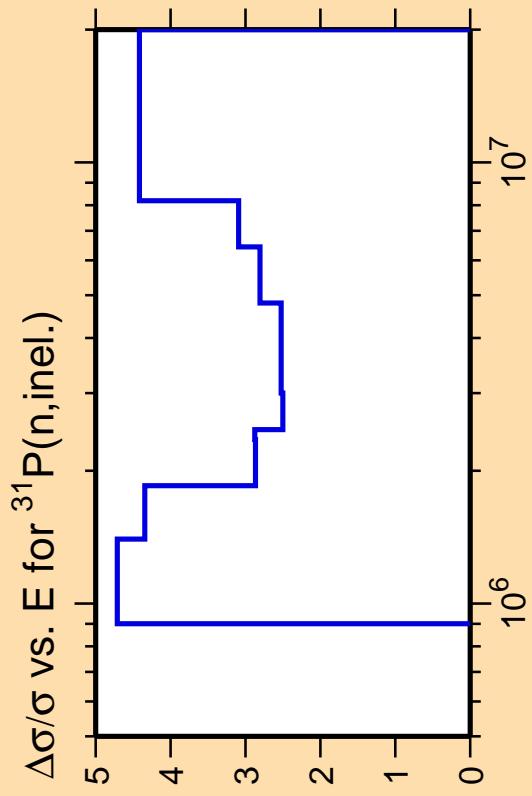
Correlation Matrix



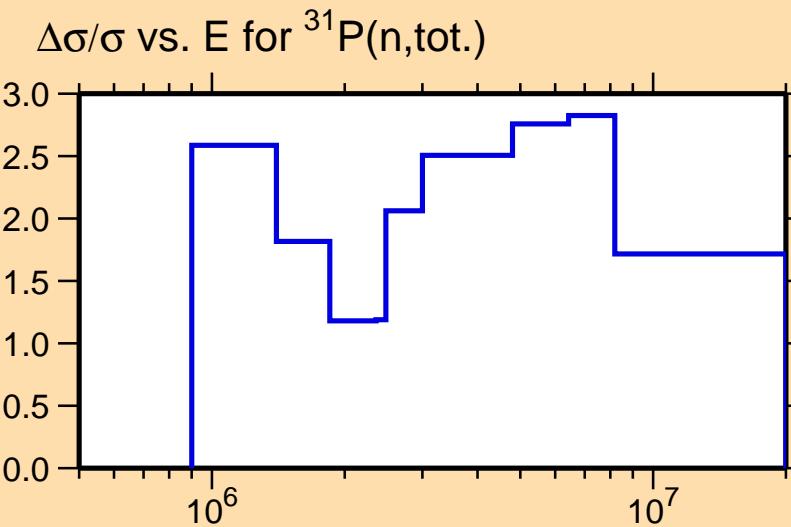
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

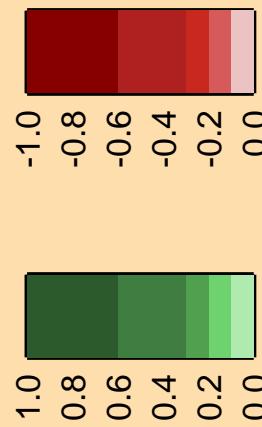




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



Correlation Matrix

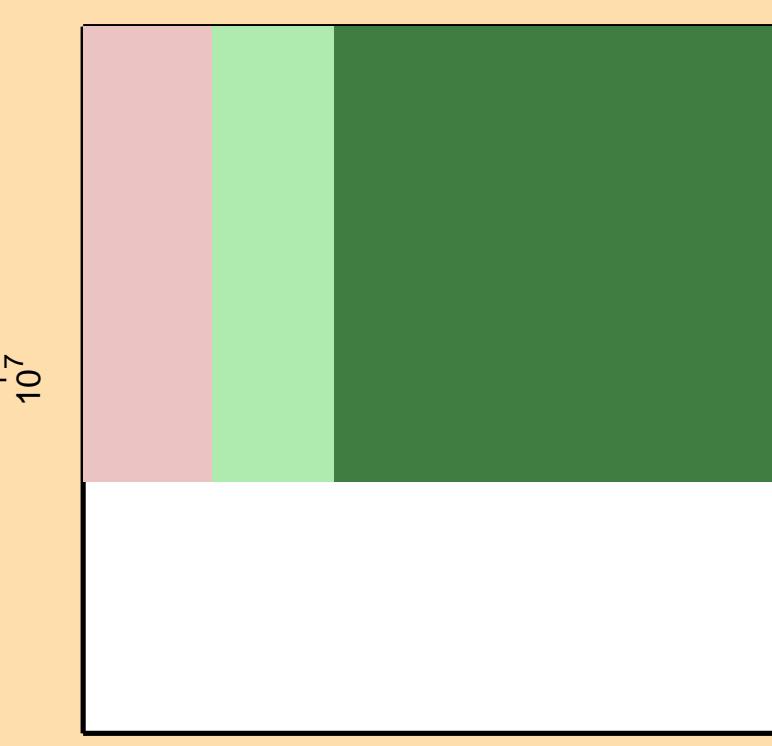
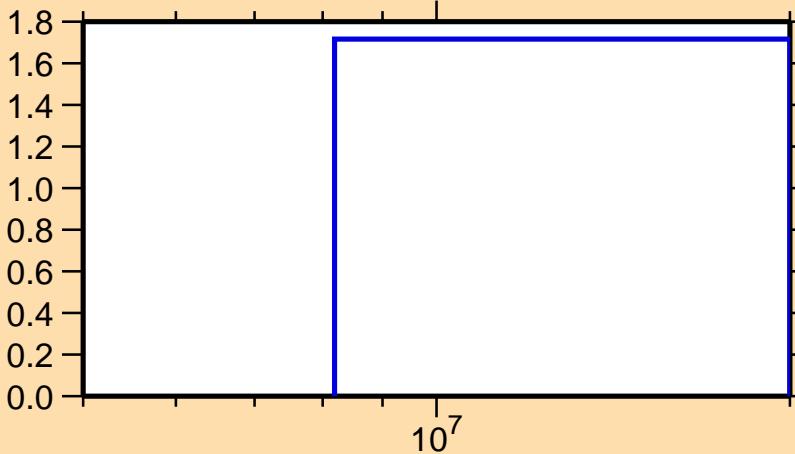


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2n)$

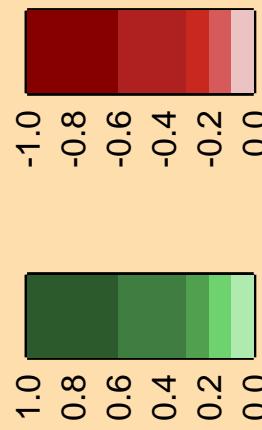
Ordinate scale is %
relative standard deviation.

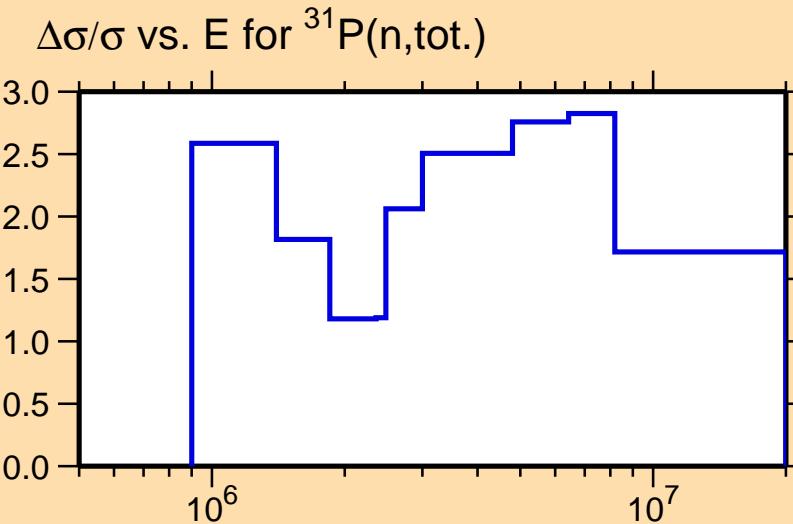
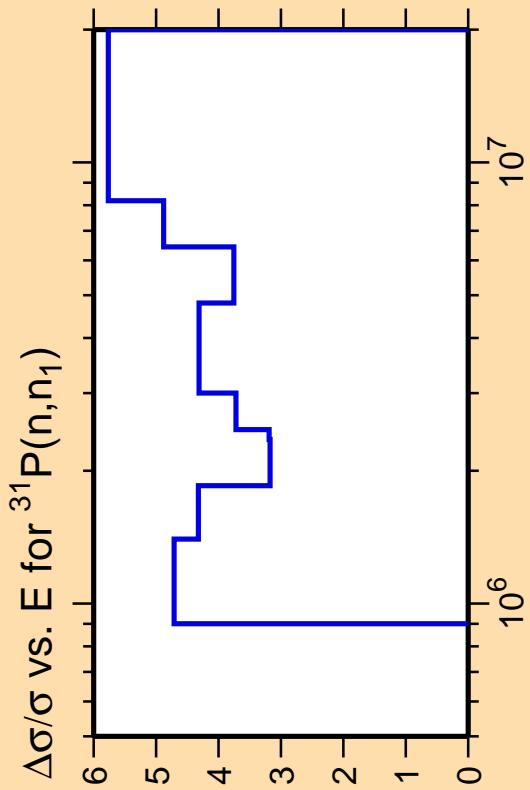
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{tot.})$

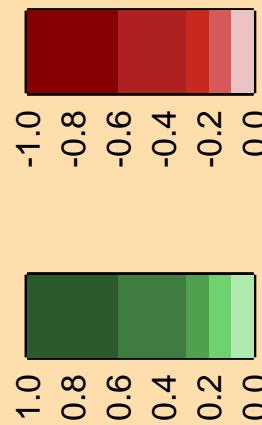


Correlation Matrix





Correlation Matrix



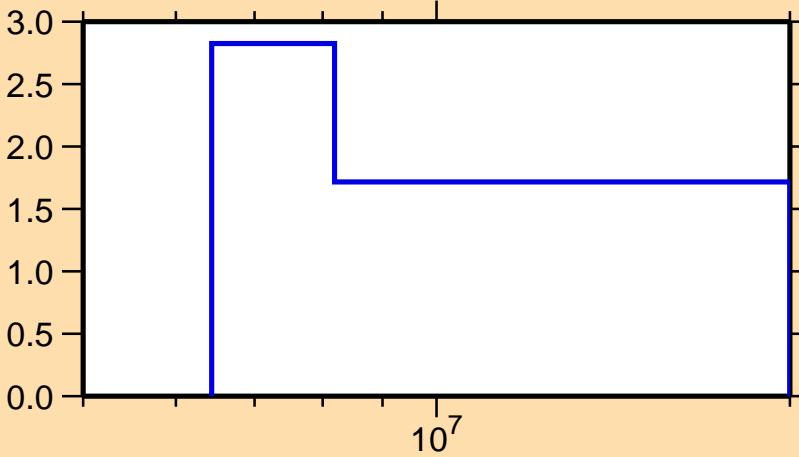
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{ncont.})$

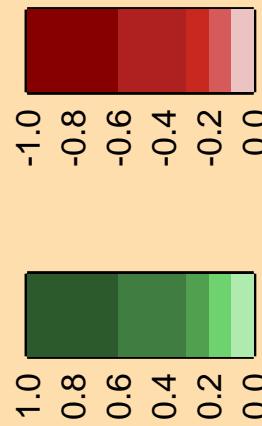
Ordinate scale is %
relative standard deviation.

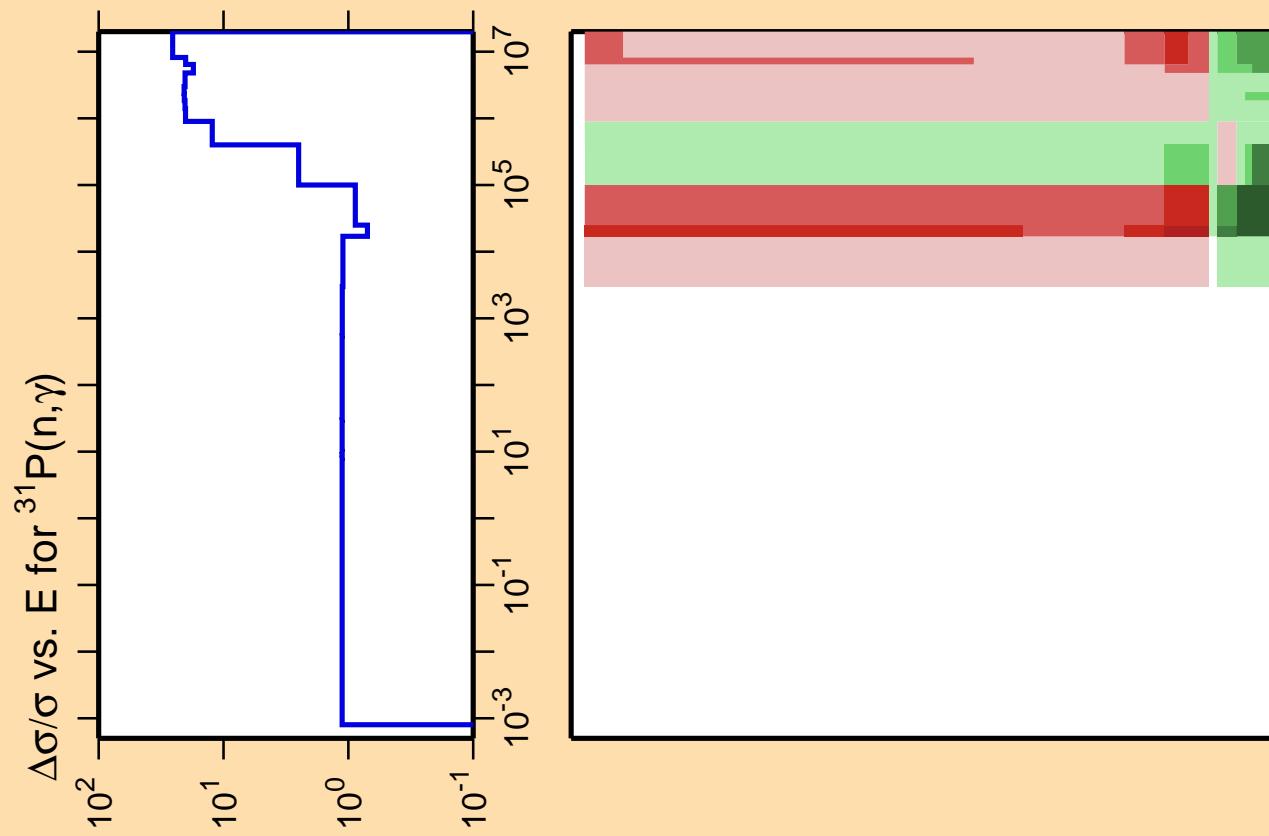
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,tot.})$

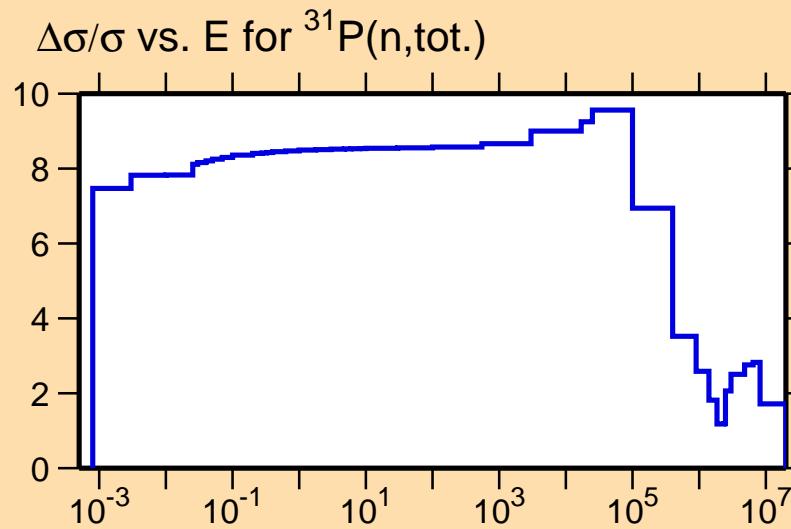


Correlation Matrix





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



Correlation Matrix

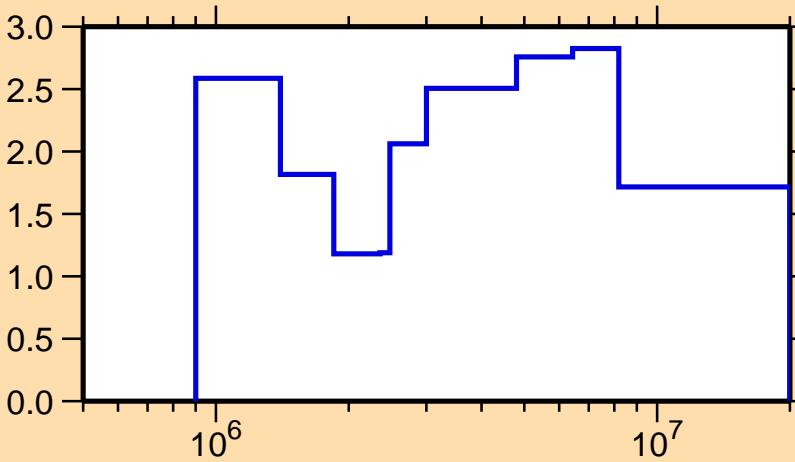


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{p})$

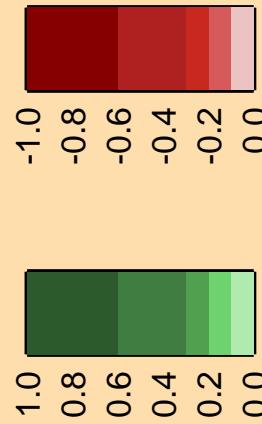
Ordinate scale is %
relative standard deviation.

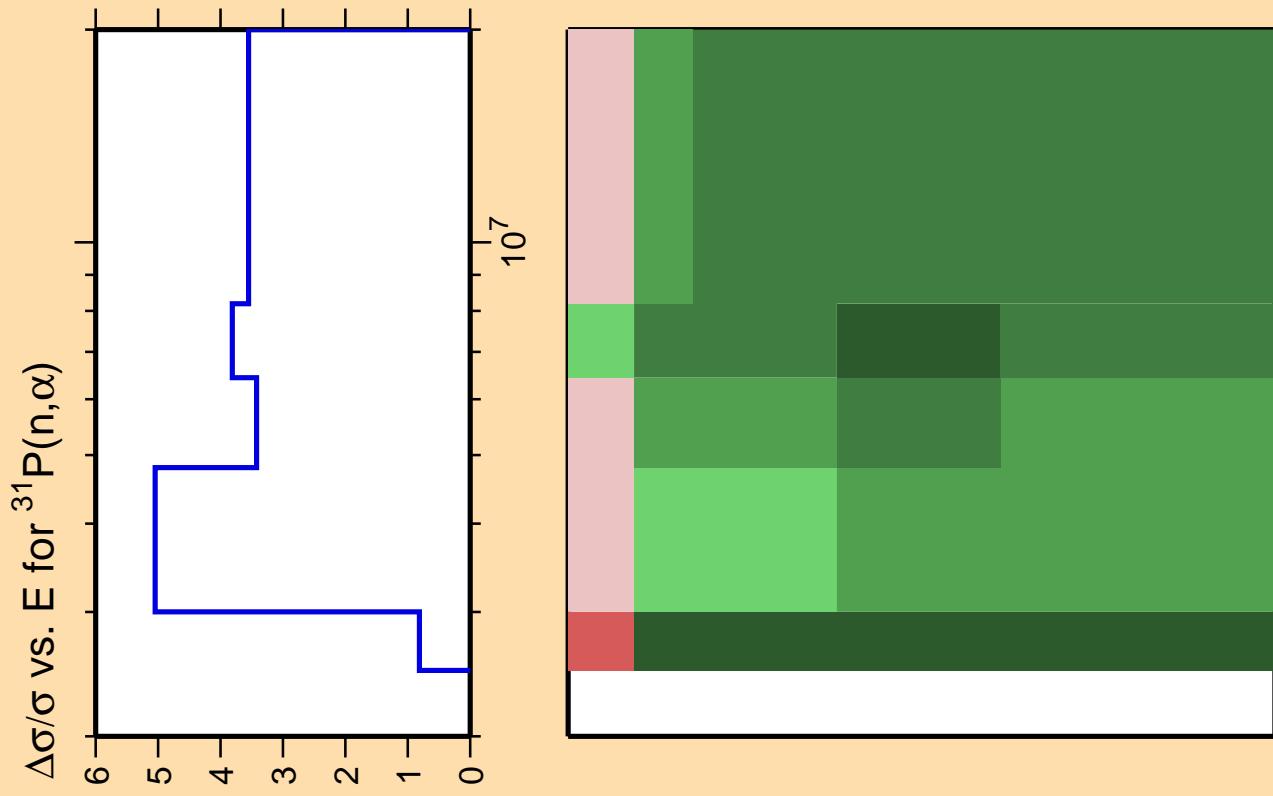
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,tot.})$

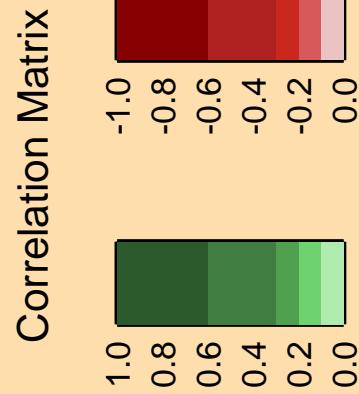
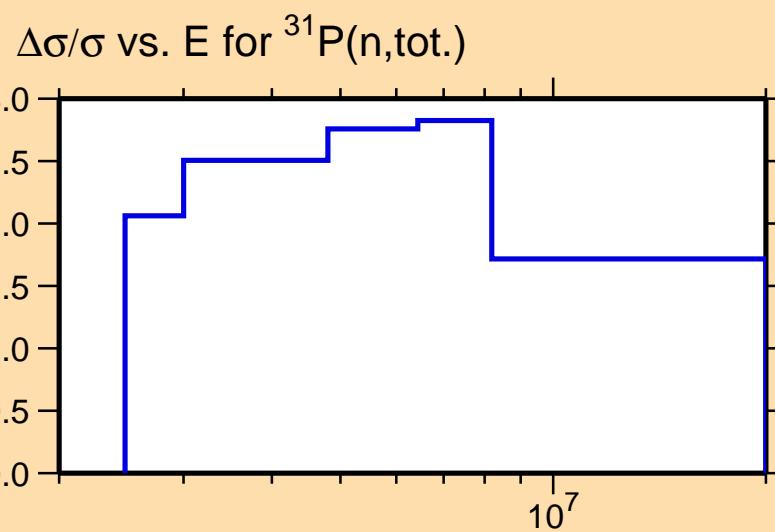


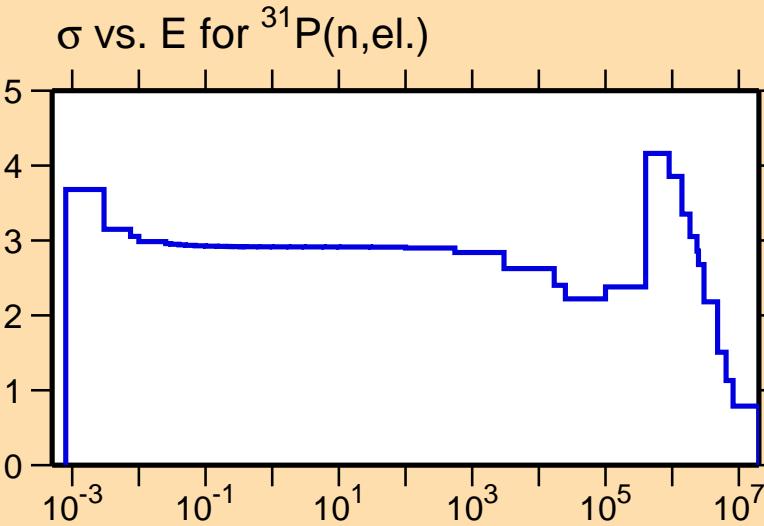
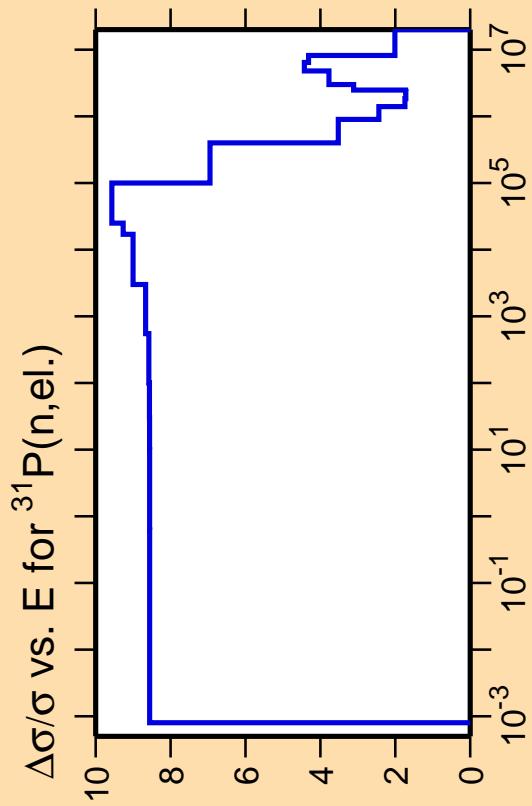
Correlation Matrix



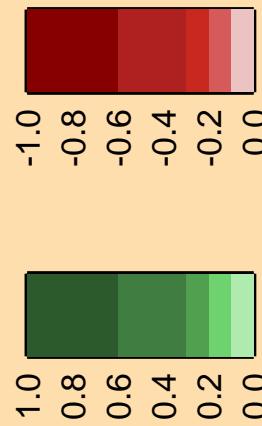


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

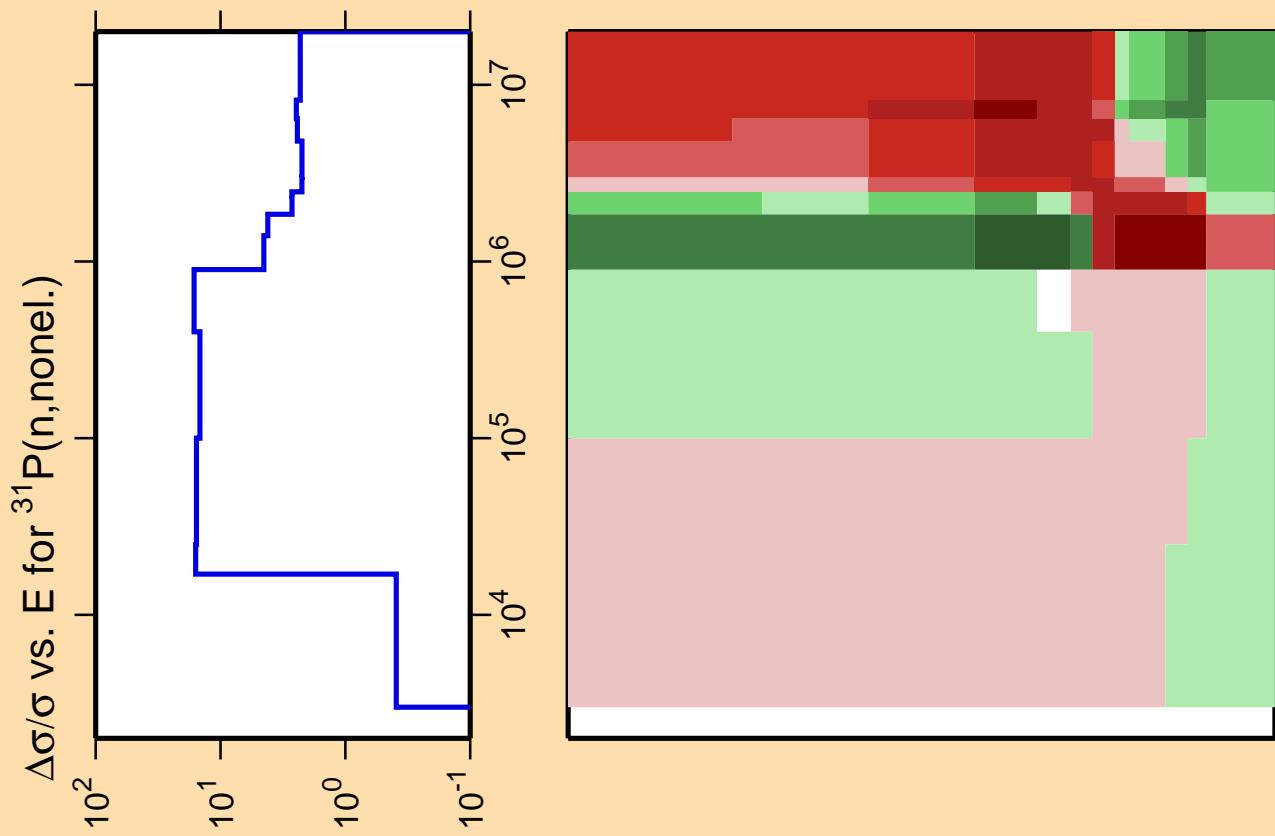




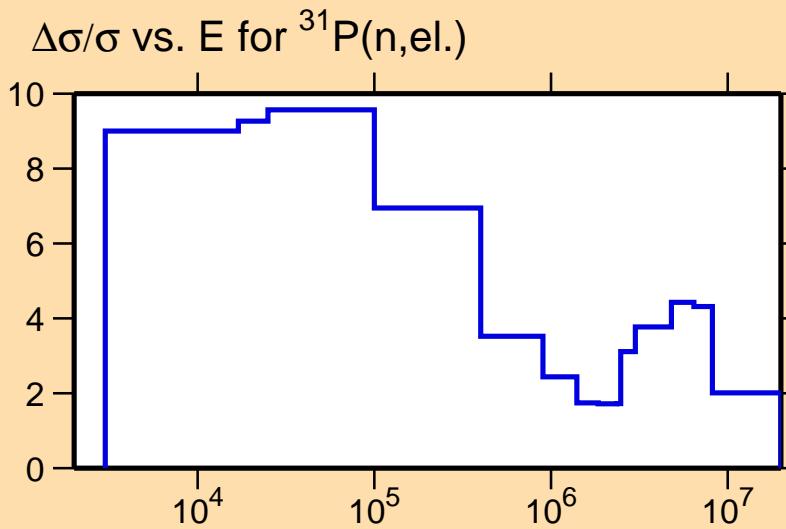
Correlation Matrix



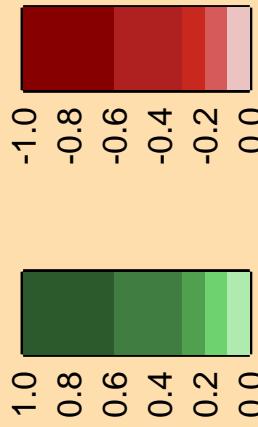
Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).

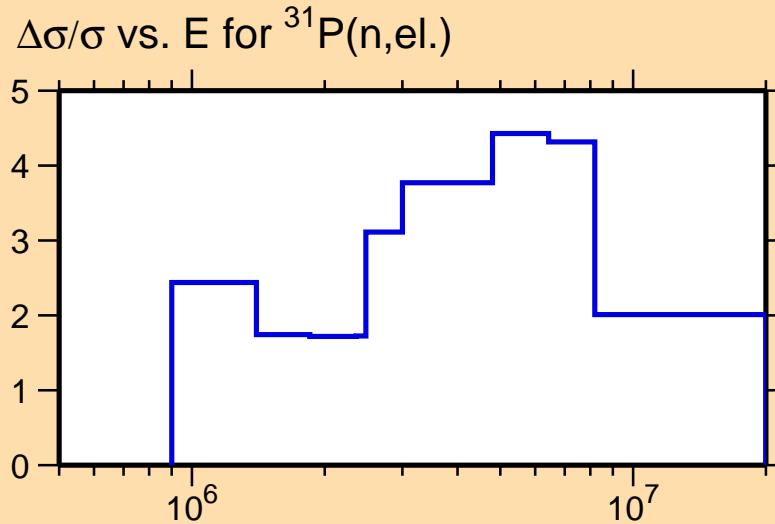
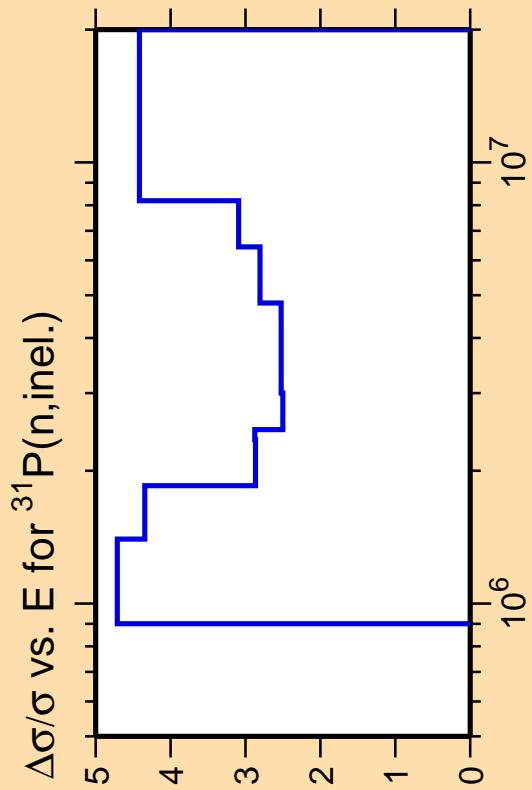


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

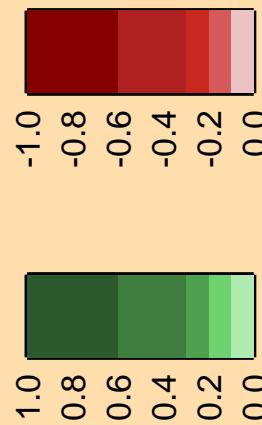


Correlation Matrix





Correlation Matrix



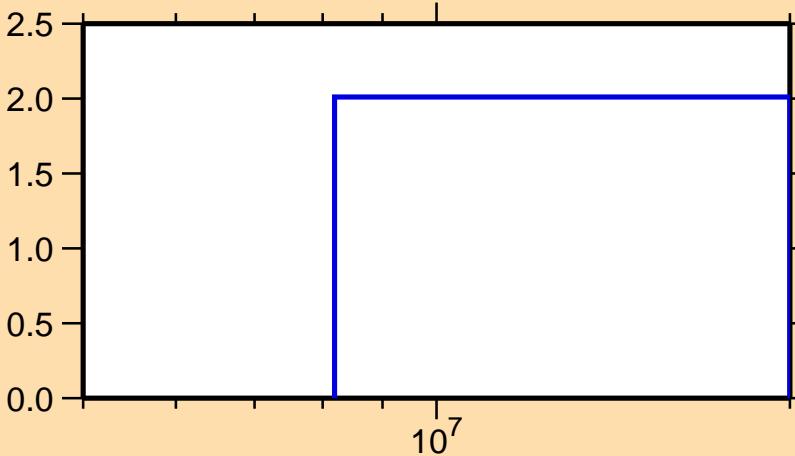
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2n)$

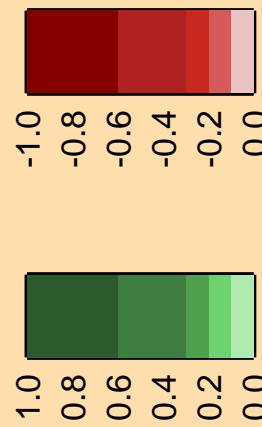
Ordinate scale is %
relative standard deviation.

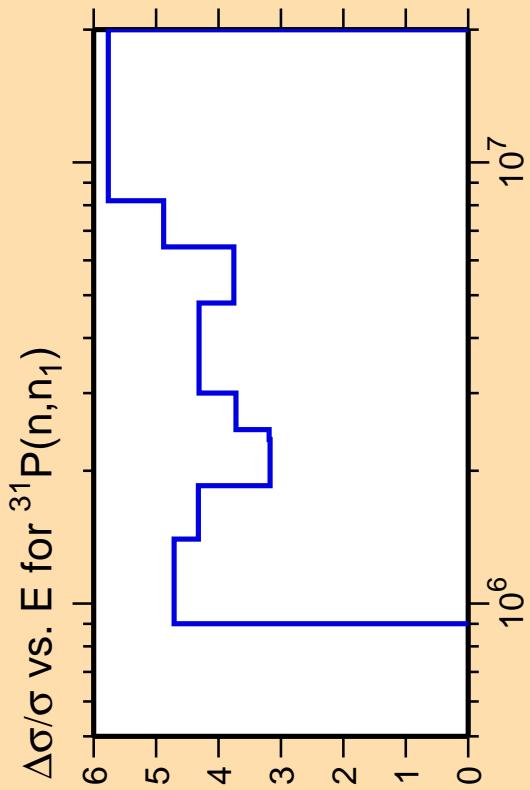
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{el.})$

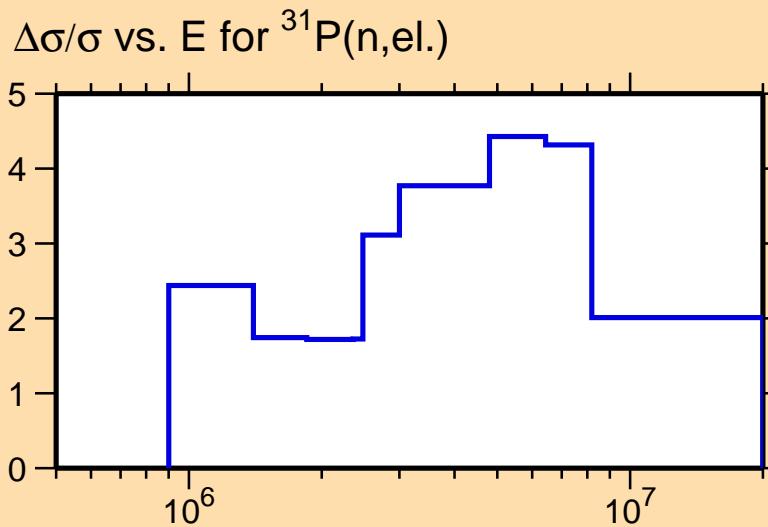


Correlation Matrix

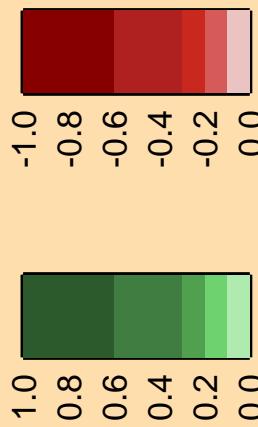




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



Correlation Matrix

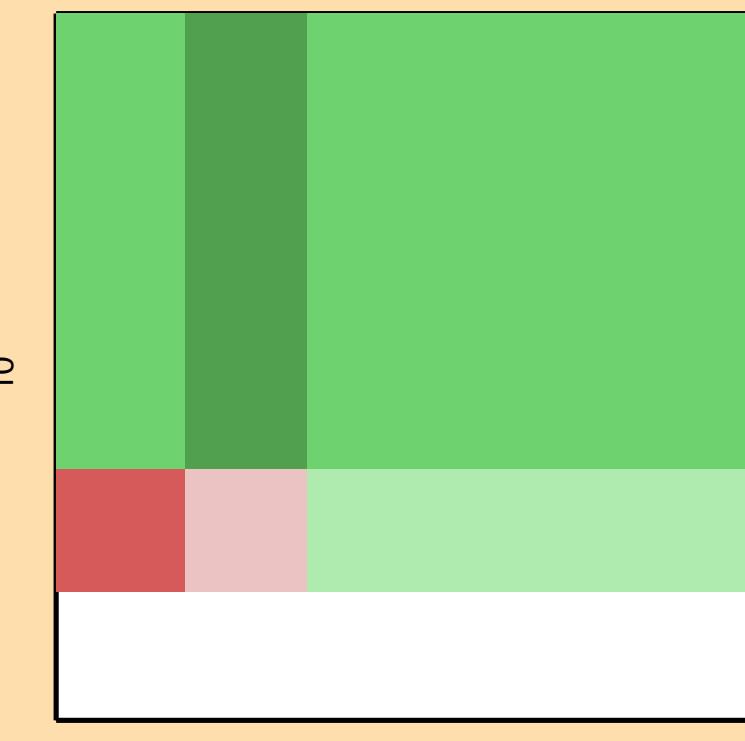
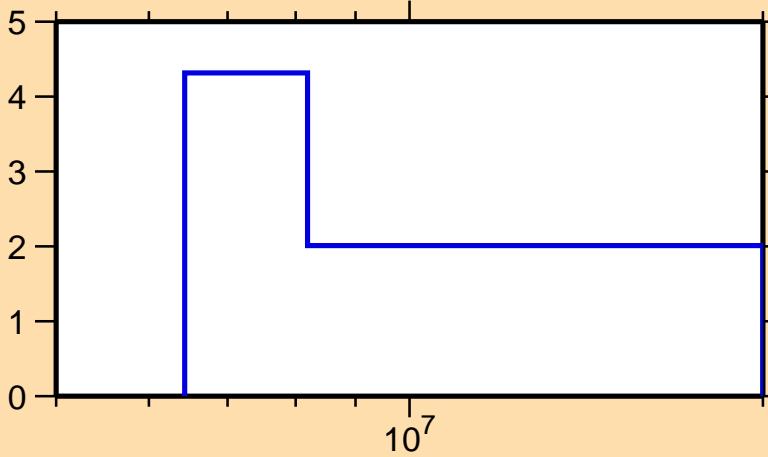


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{el.})$

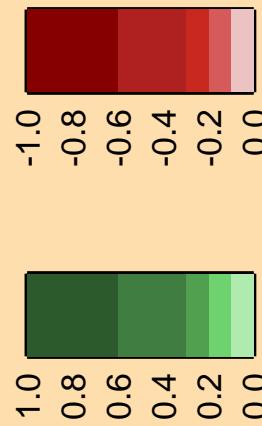
Ordinate scale is %
relative standard deviation.

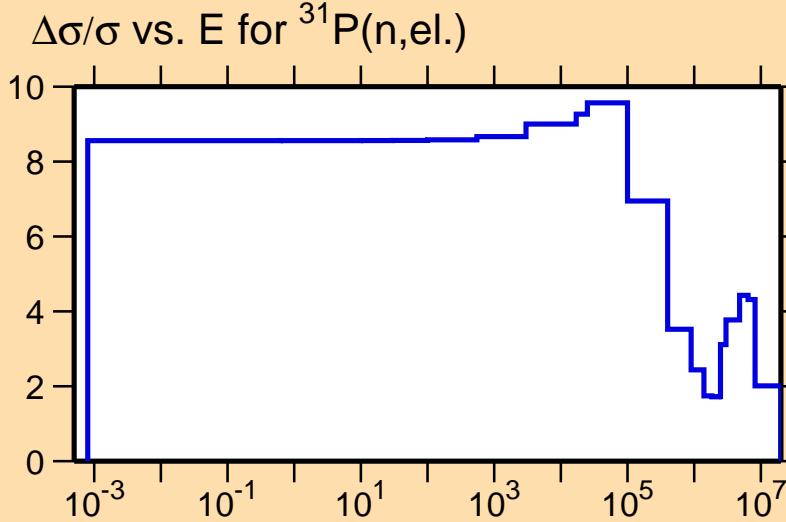
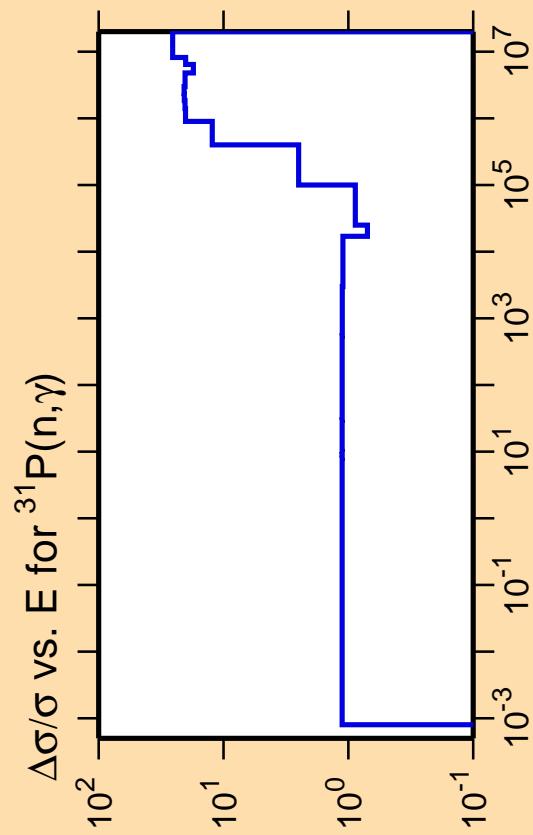
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{el.})$

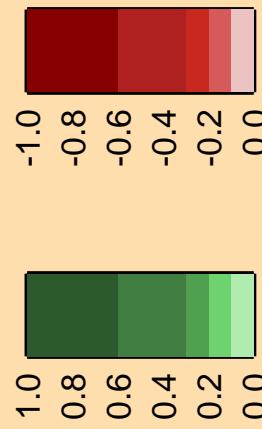


Correlation Matrix

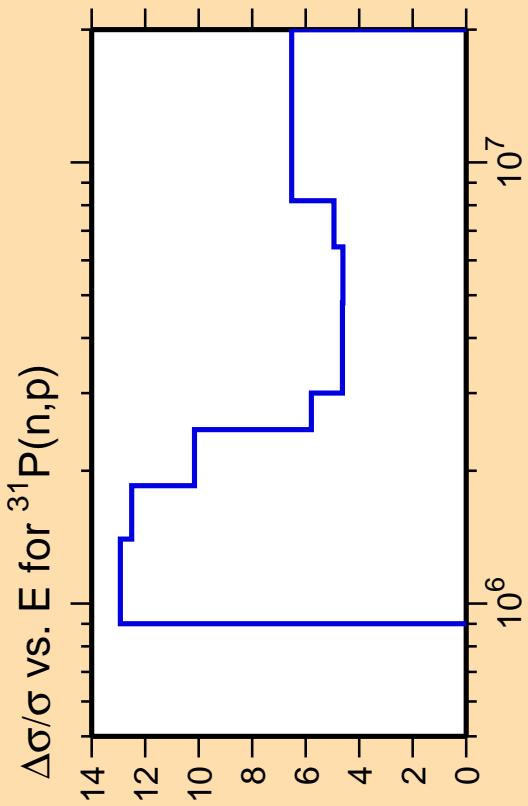




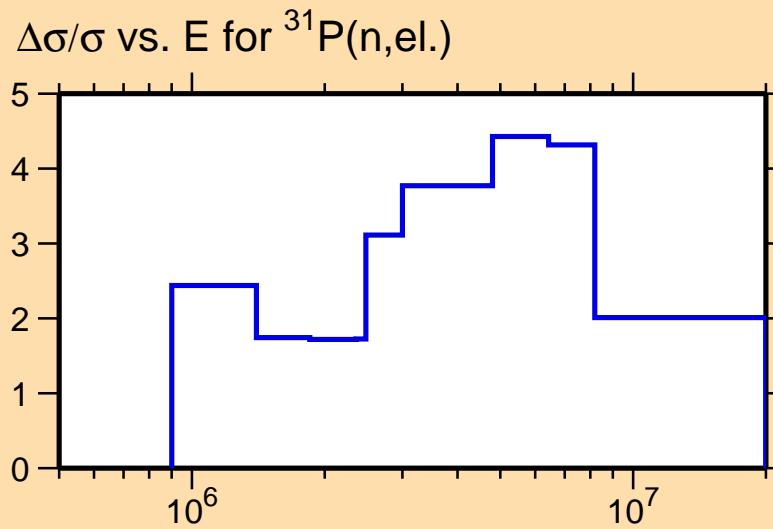
Correlation Matrix



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

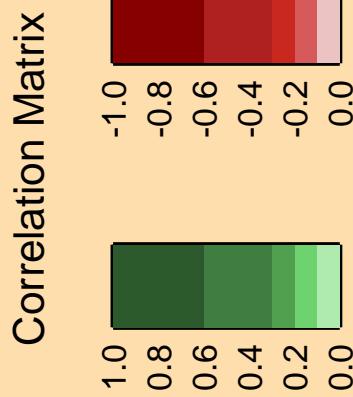
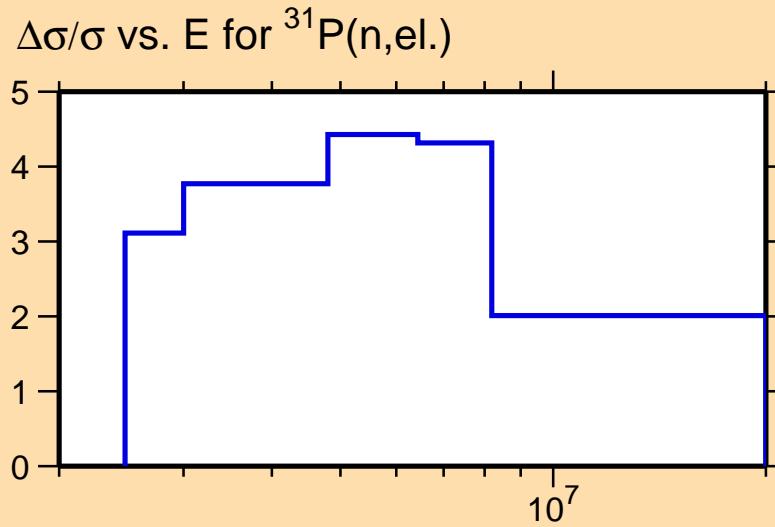
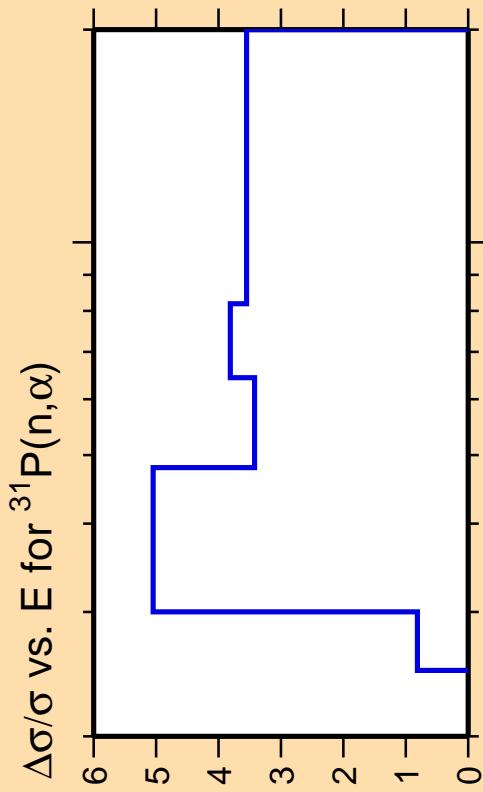


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

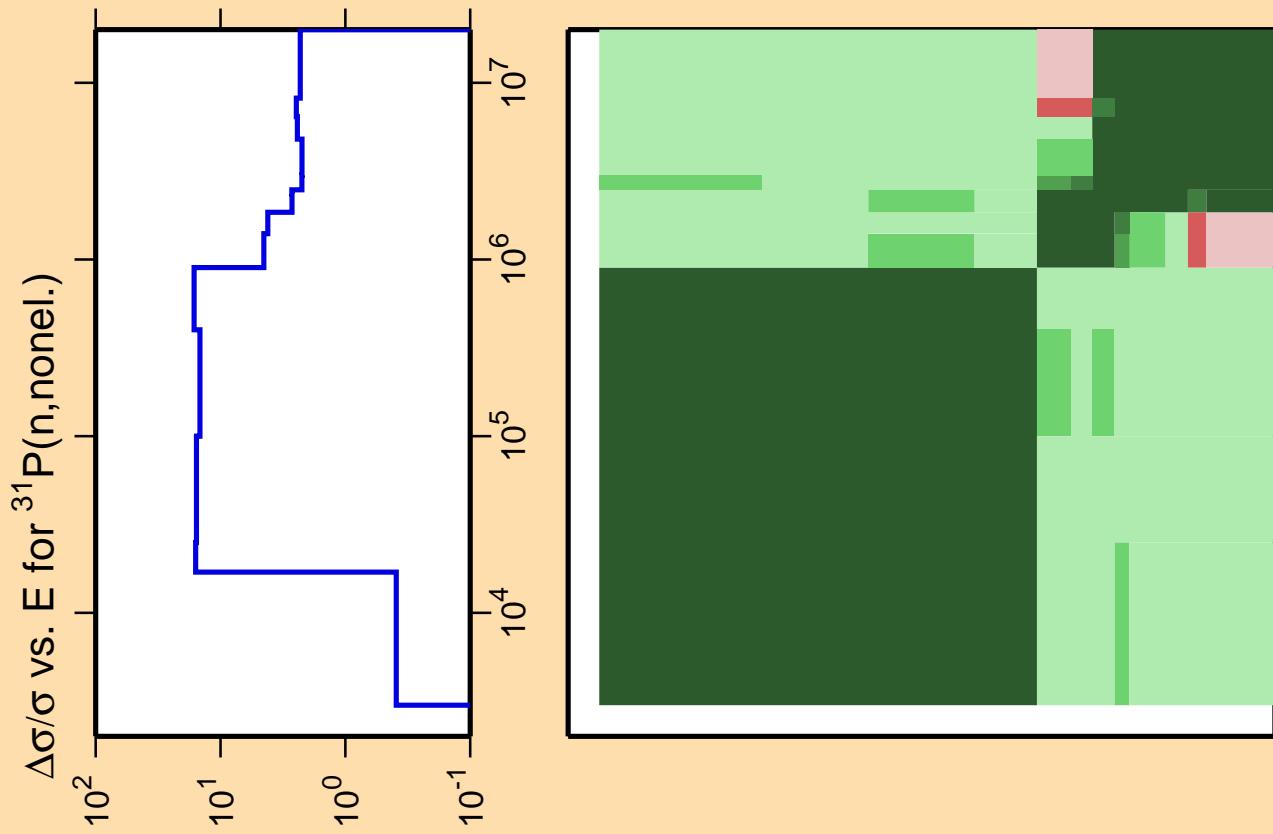


Correlation Matrix





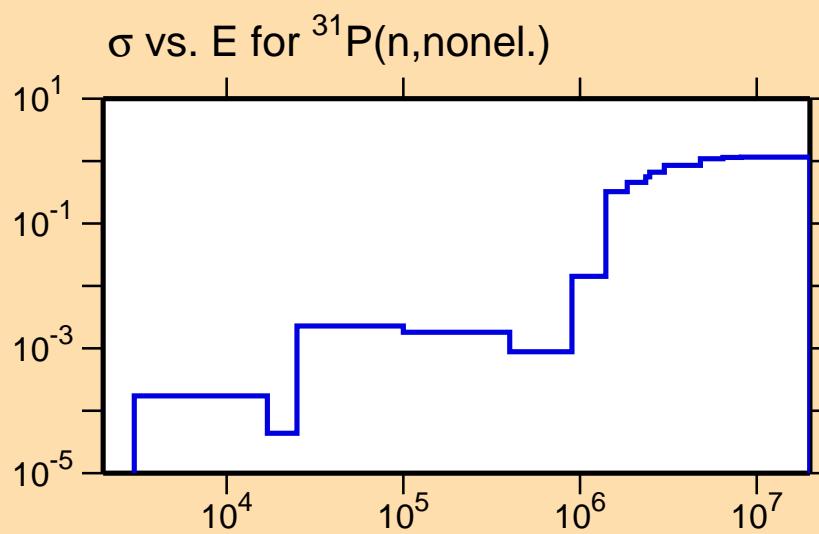
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

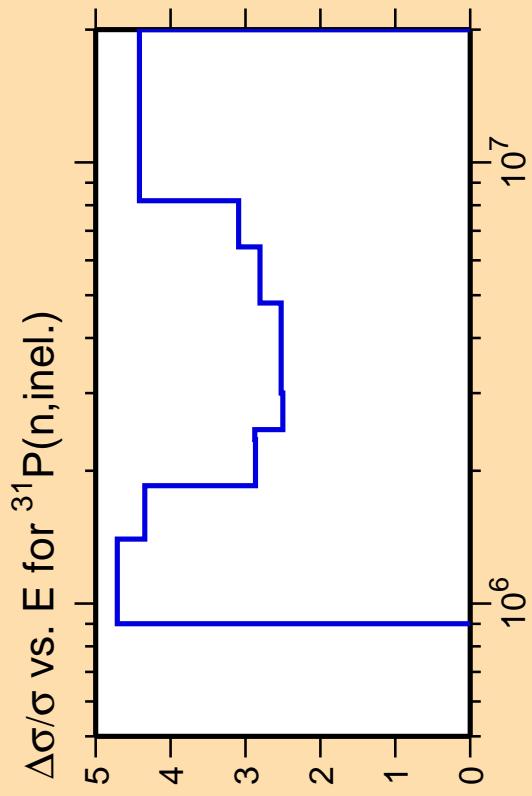


Correlation Matrix

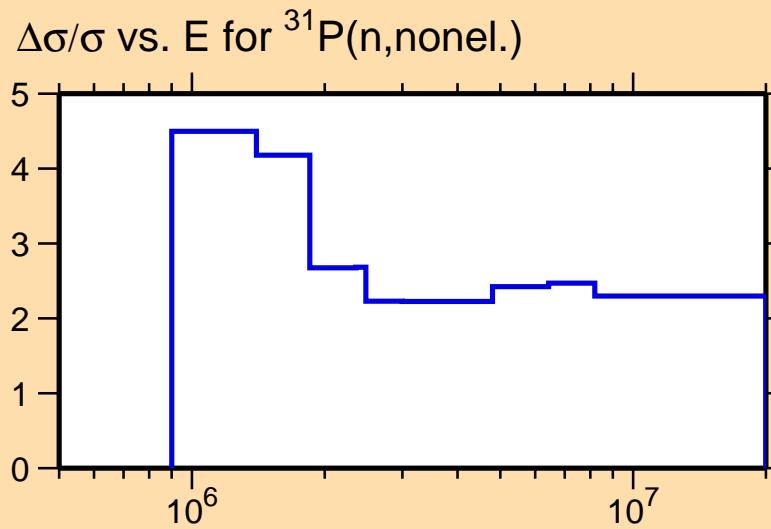


Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).





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



Correlation Matrix

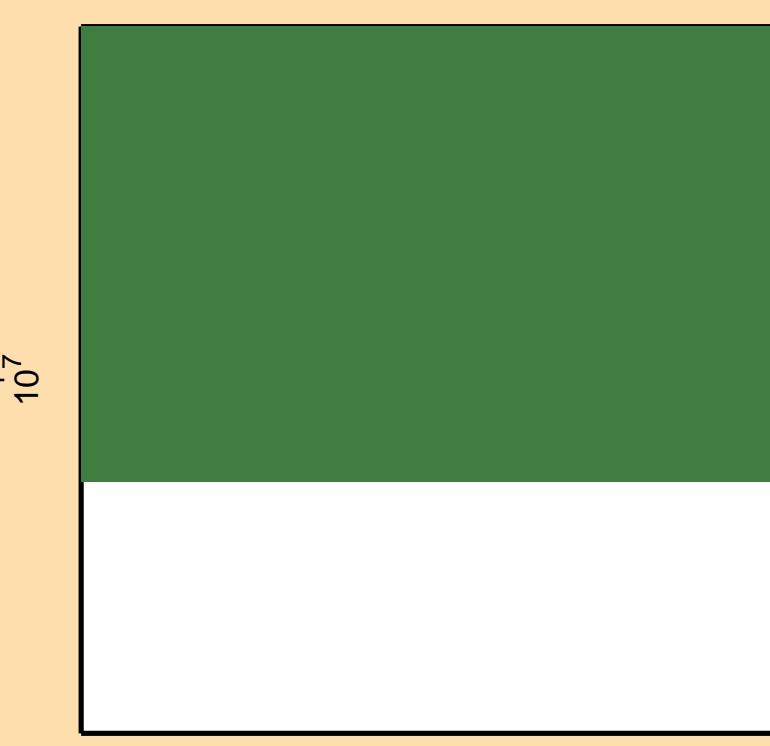
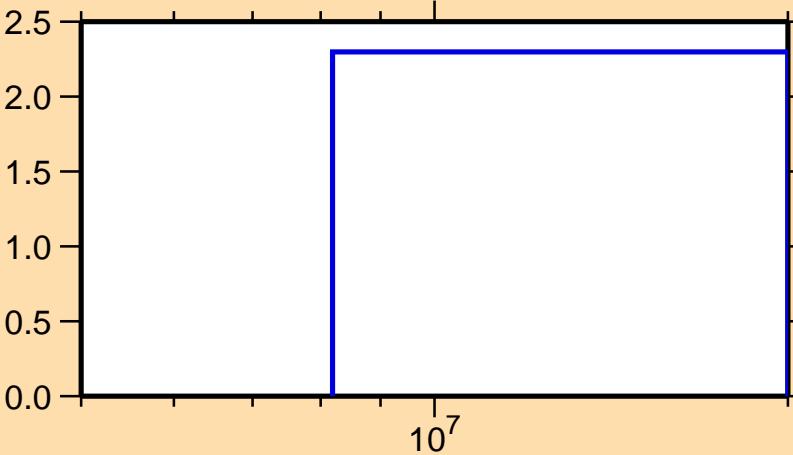


$\Delta\sigma/\sigma$ vs. E for ^{31}P (n,2n)

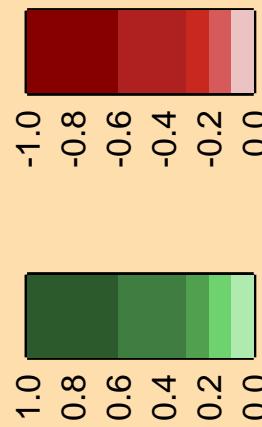
Ordinate scale is %
relative standard deviation.

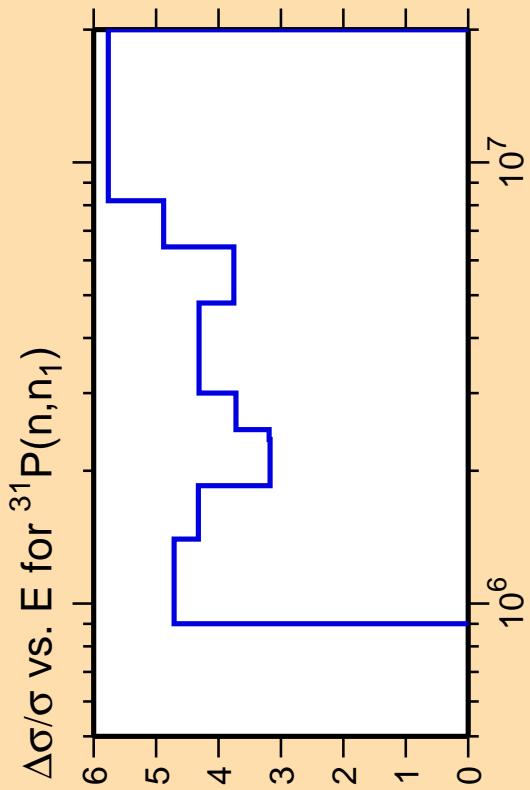
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for ^{31}P (n,nonel.)

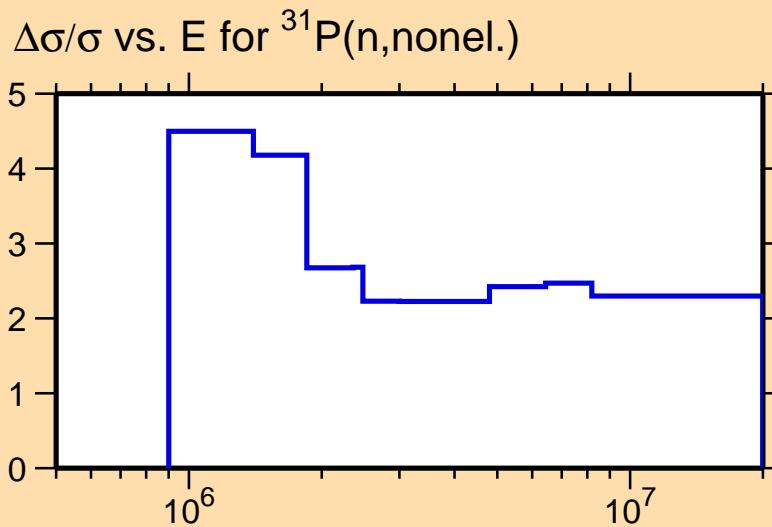


Correlation Matrix

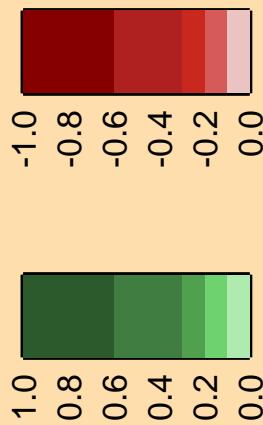




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



Correlation Matrix

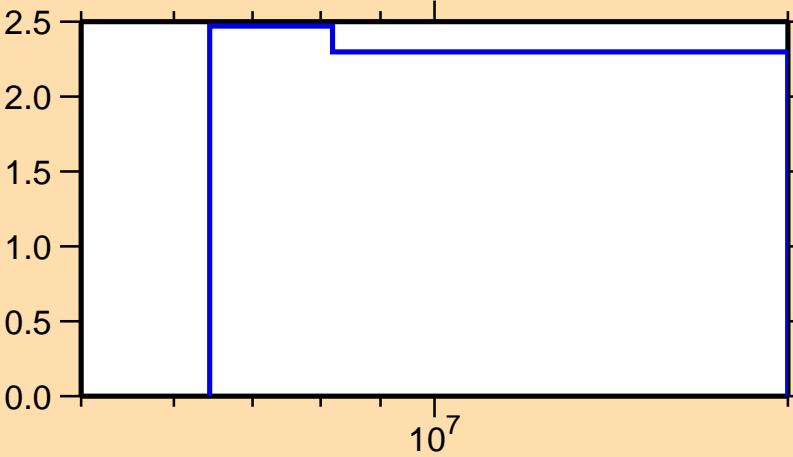


$\Delta\sigma/\sigma$ vs. E for ^{31}P (n,ncont.)

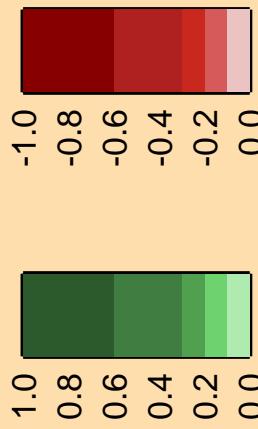
Ordinate scale is %
relative standard deviation.

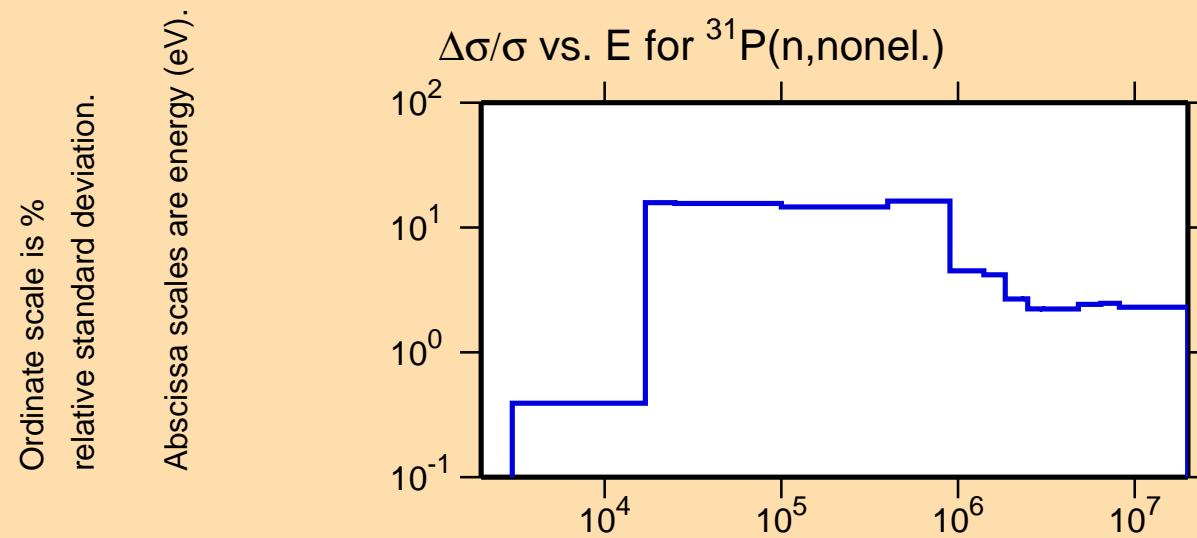
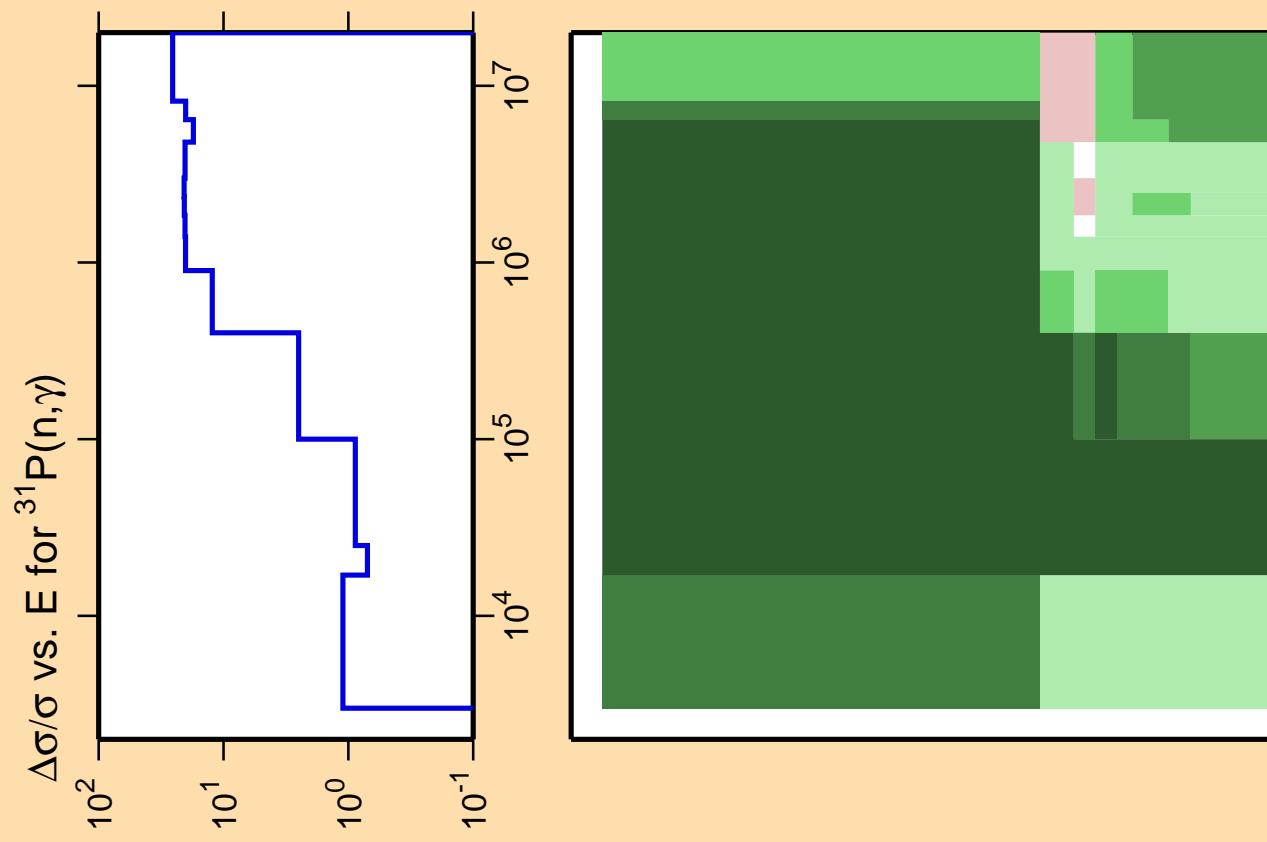
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for ^{31}P (n,nonel.)



Correlation Matrix



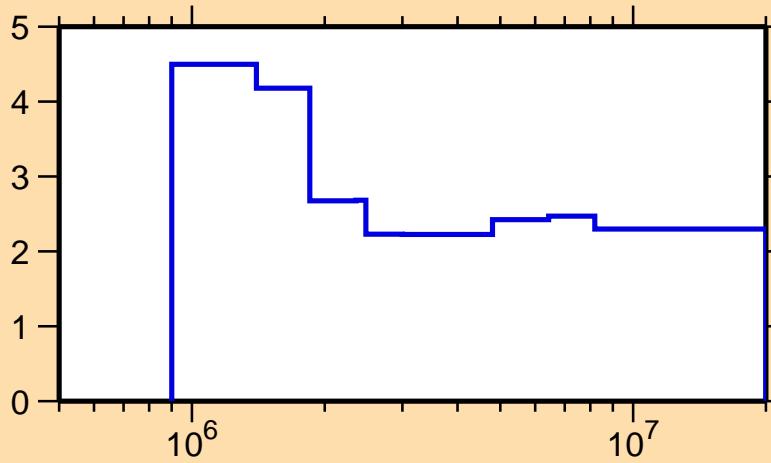


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{p})$

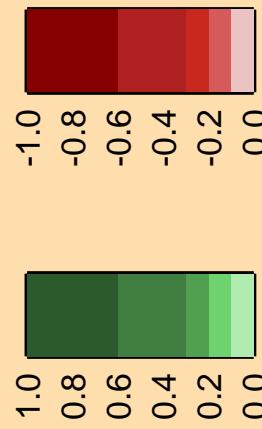
Ordinate scale is %
relative standard deviation.

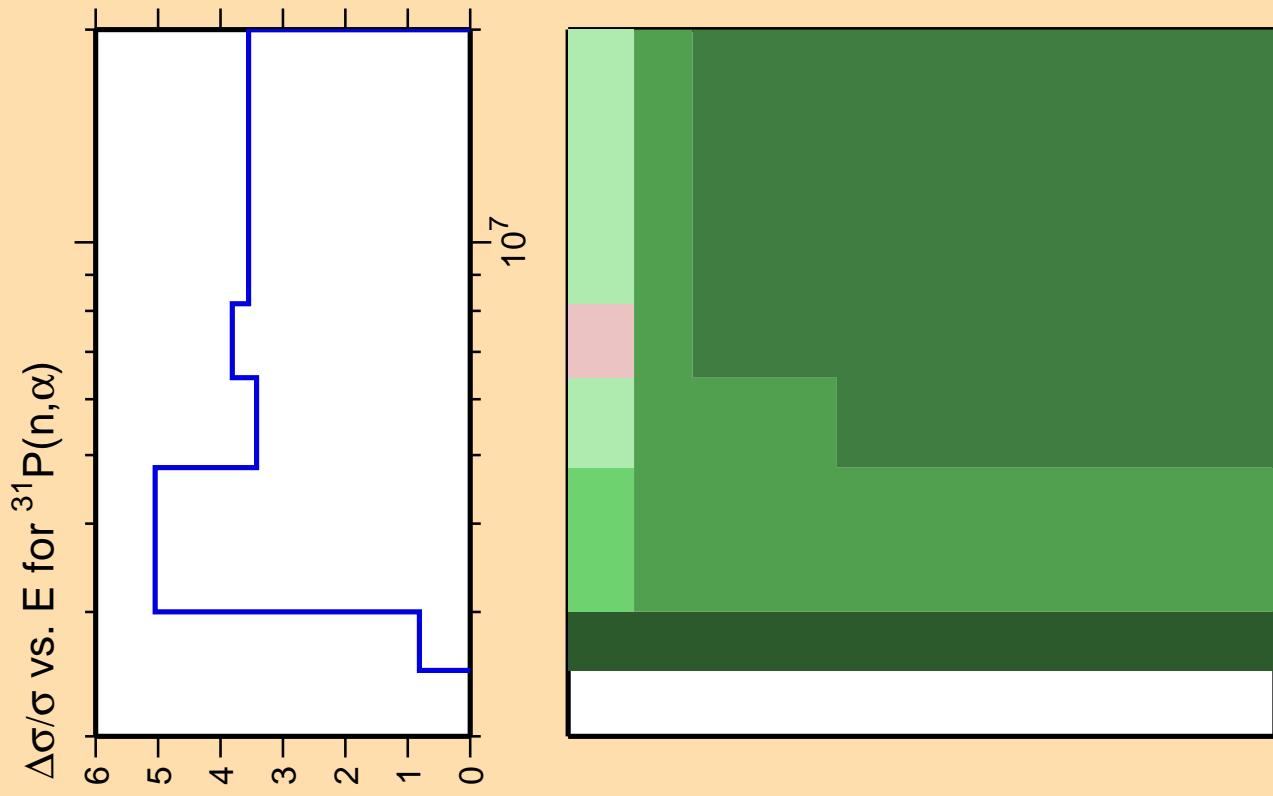
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{nonel.})$

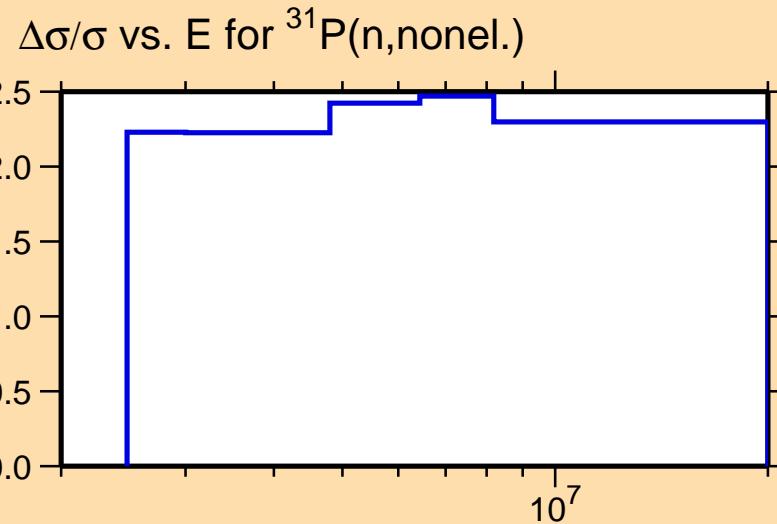


Correlation Matrix

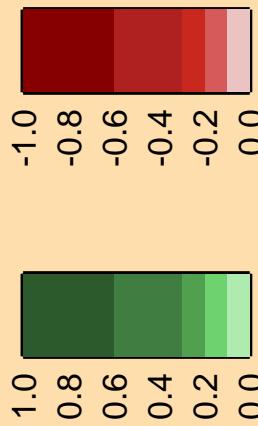


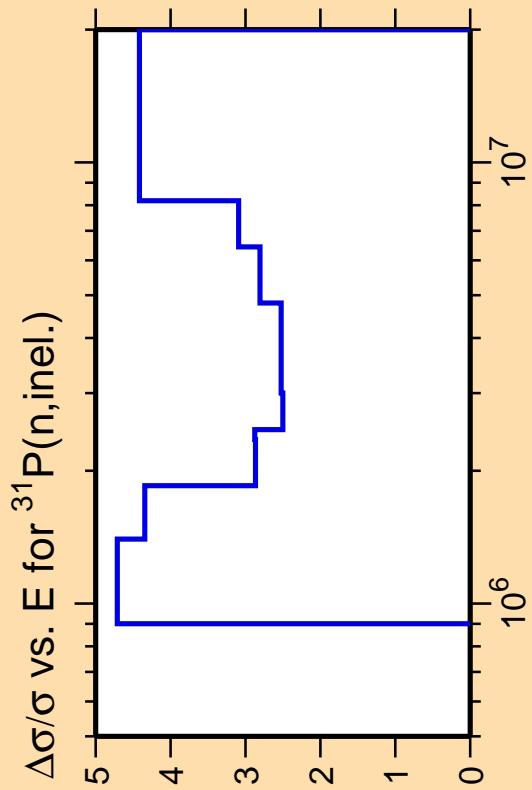


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

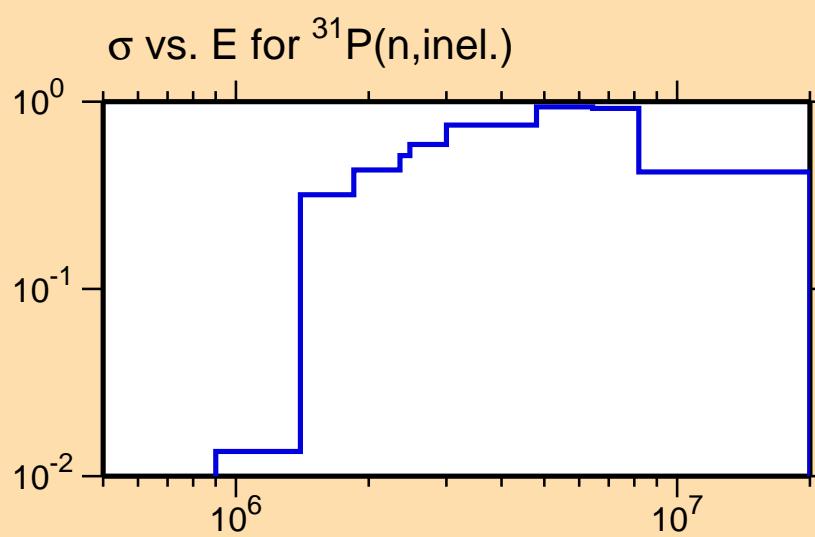


Correlation Matrix

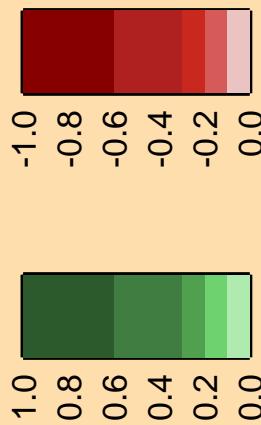




Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).



Correlation Matrix

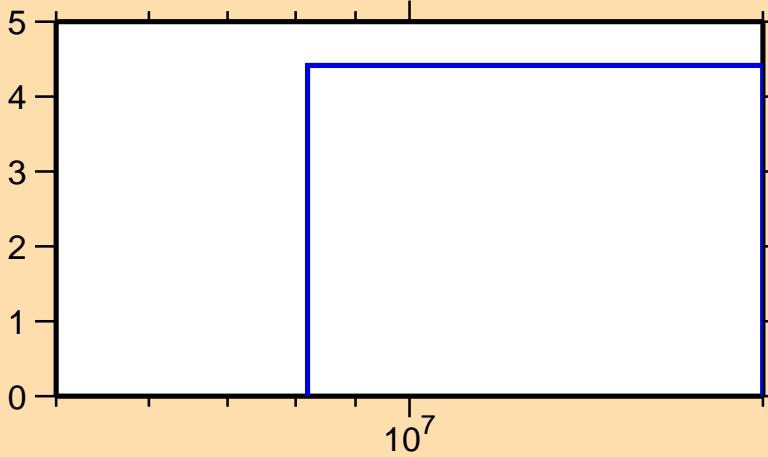


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},2\text{n})$

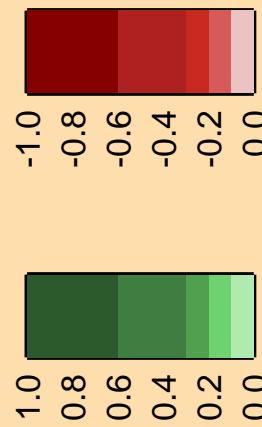
Ordinate scale is %
relative standard deviation.

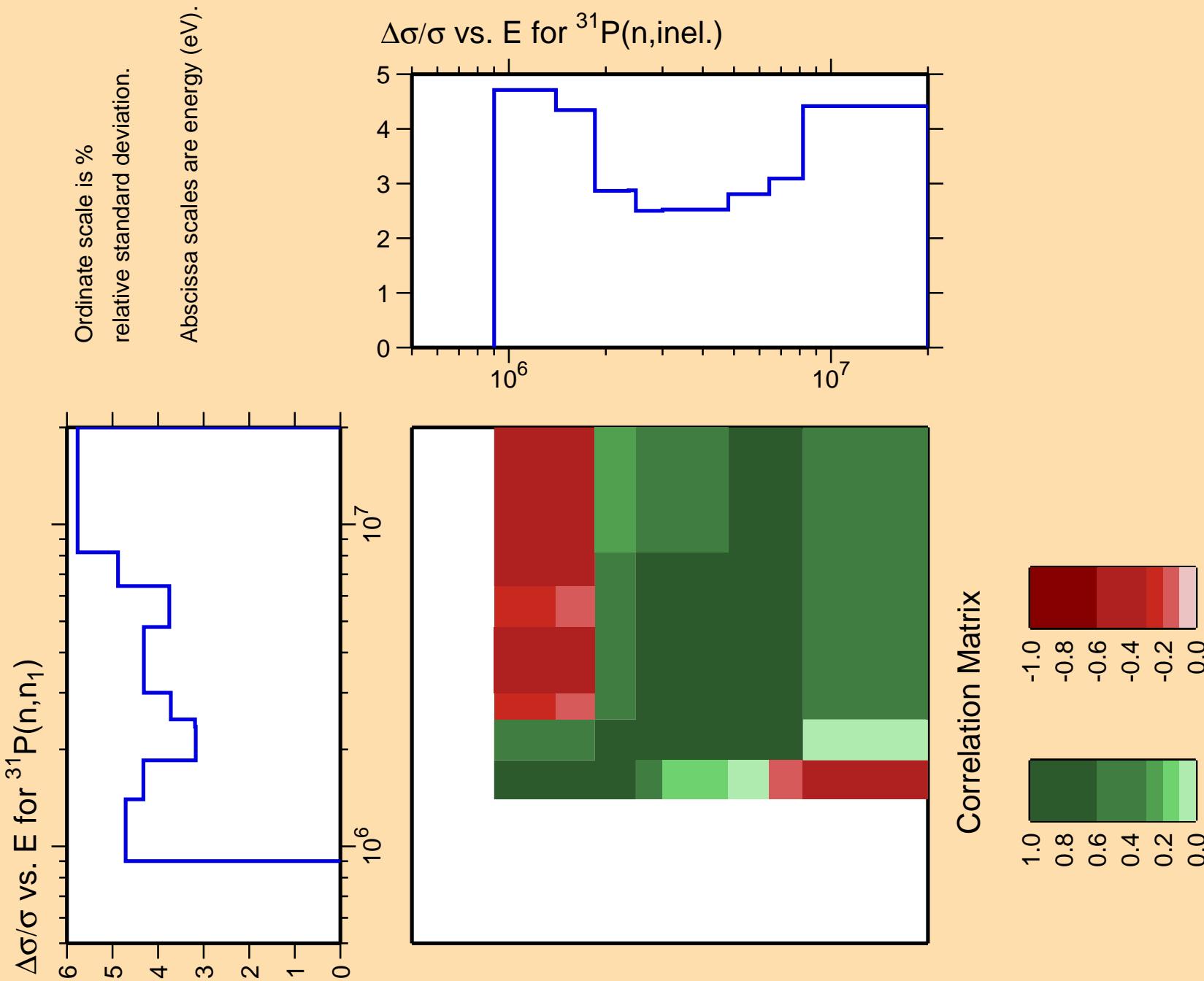
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,inel.})$



Correlation Matrix



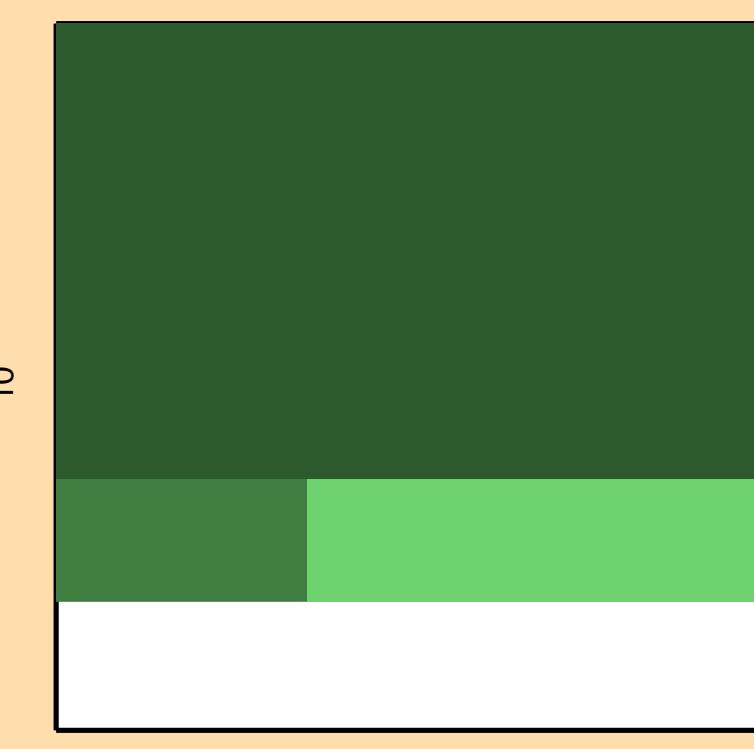
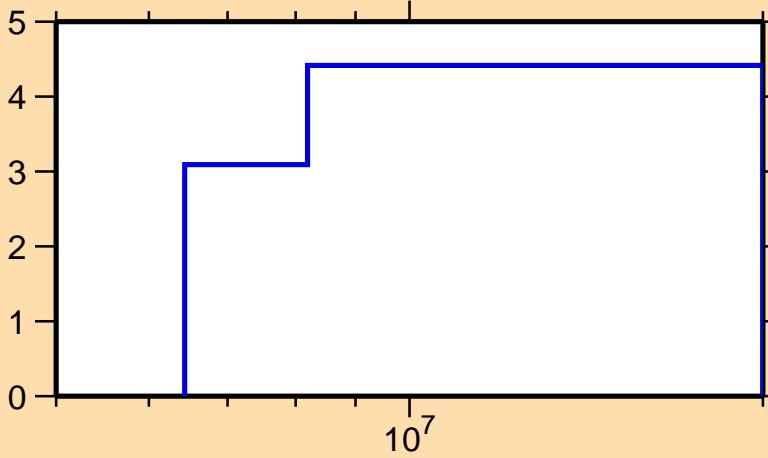


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{ncont.})$

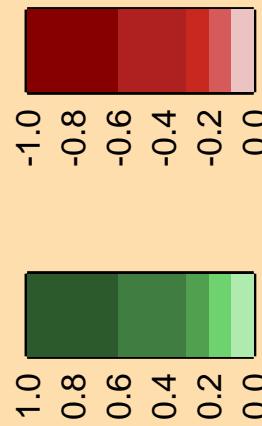
Ordinate scale is %
relative standard deviation.

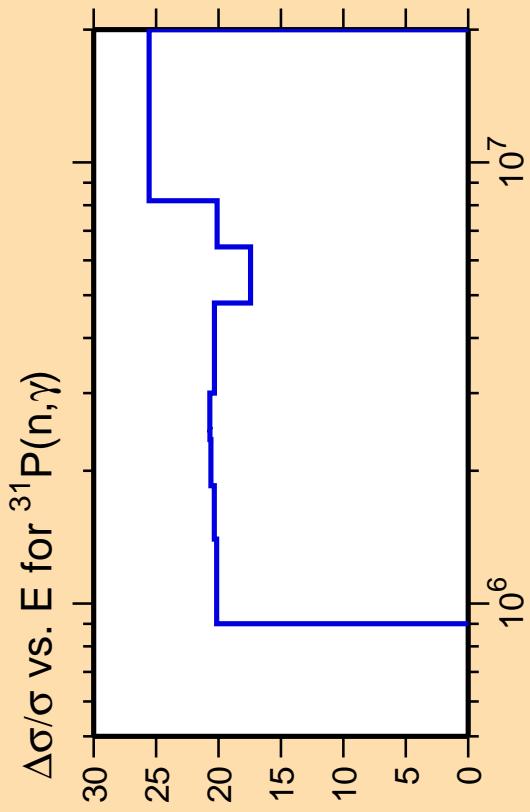
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,inel.})$

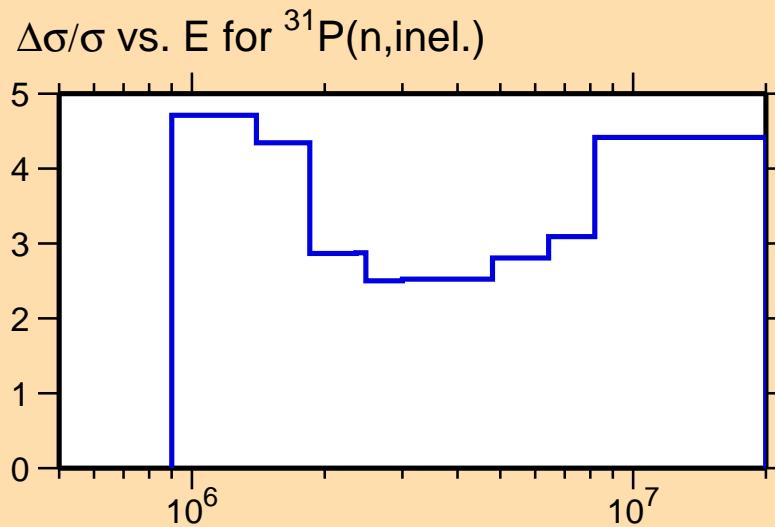


Correlation Matrix

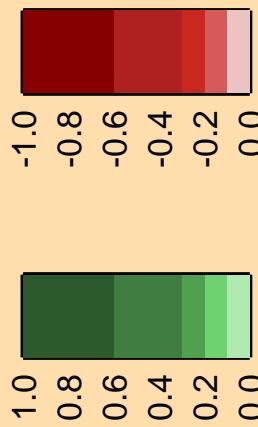




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



Correlation Matrix

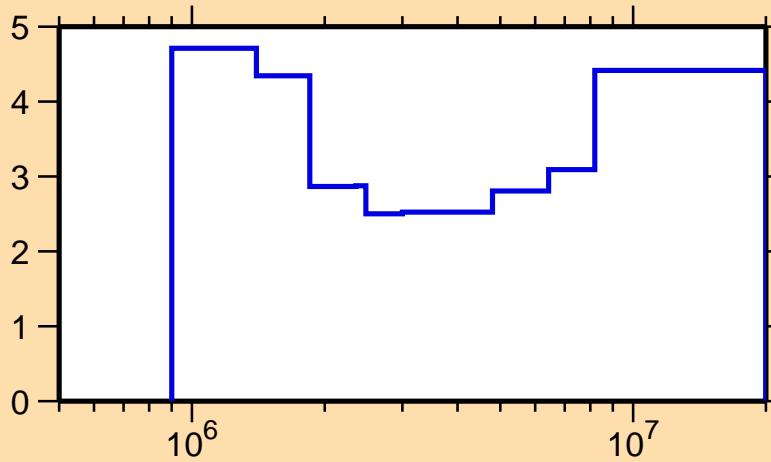


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{p})$

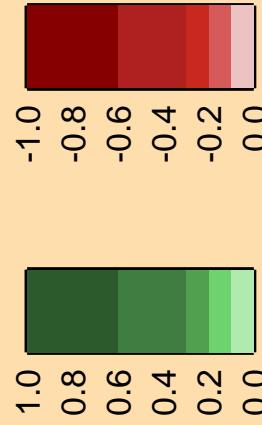
Ordinate scale is %
relative standard deviation.

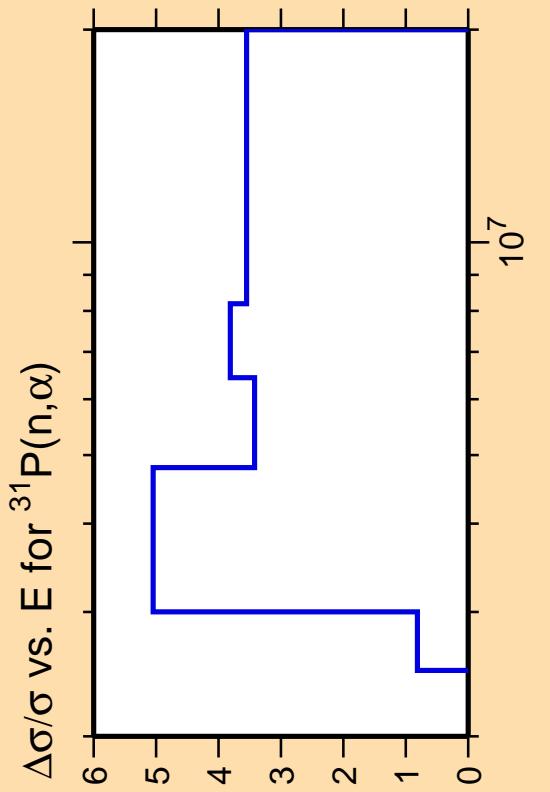
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,inel.})$

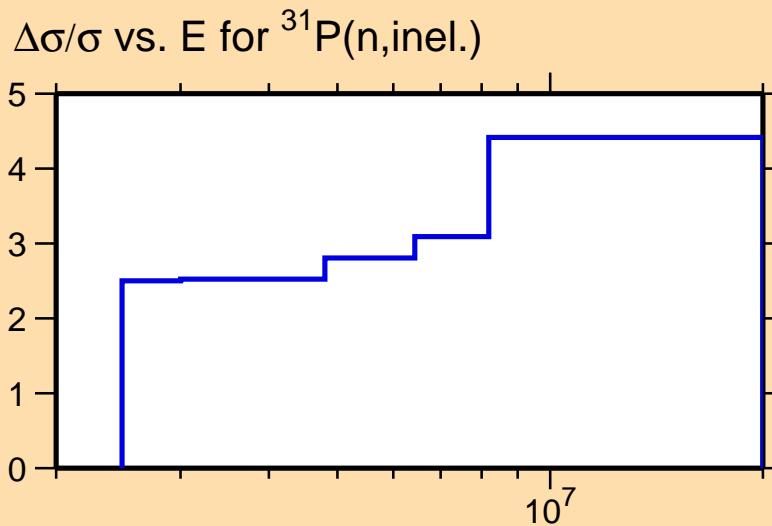


Correlation Matrix

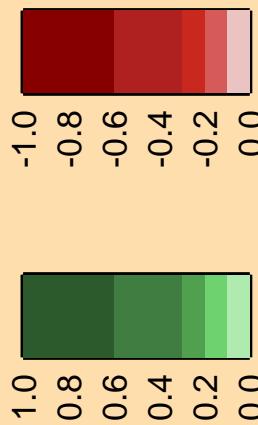




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



Correlation Matrix

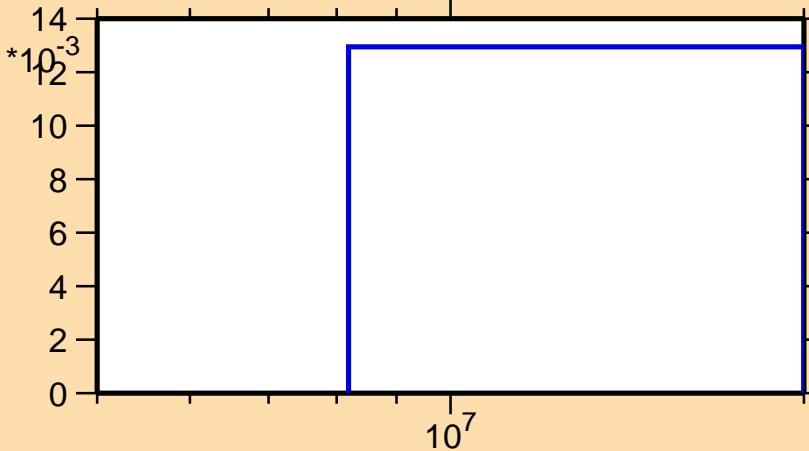


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2n)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(n,2n)$



Correlation Matrix

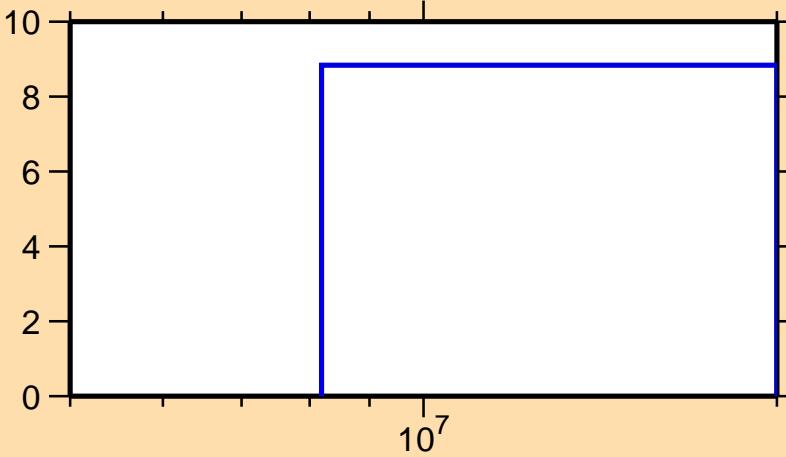


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,n_1)$

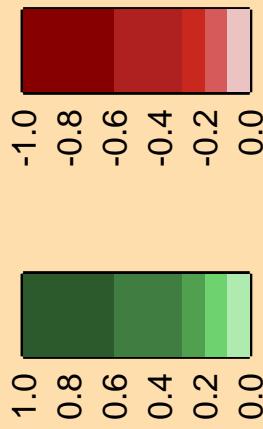
Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2n)$



Correlation Matrix

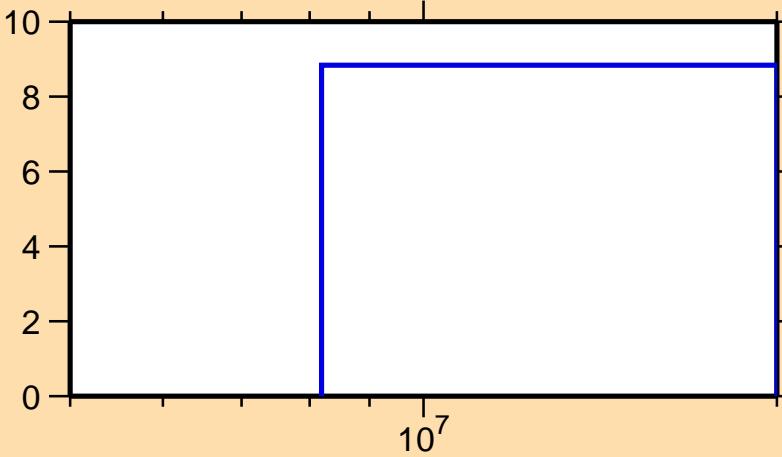


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{ncont.})$

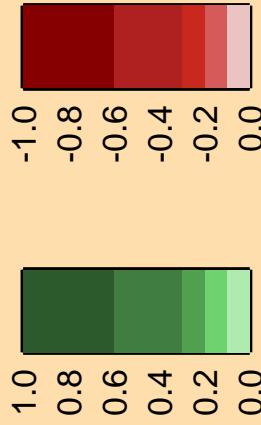
Ordinate scale is %
relative standard deviation.

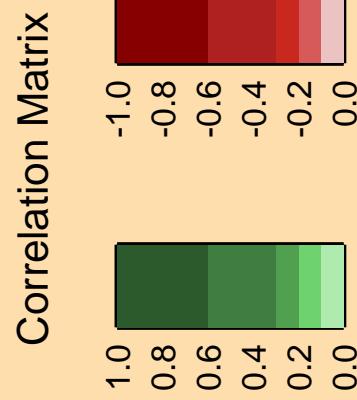
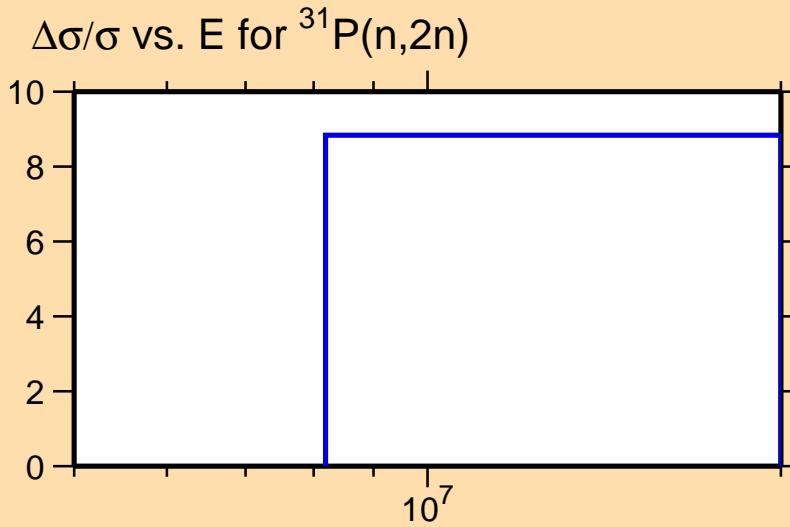
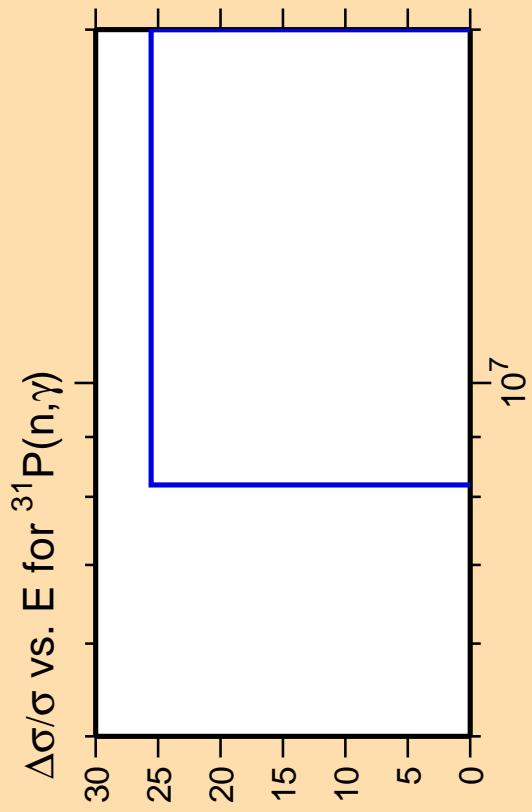
Abscissa scales are energy (eV).

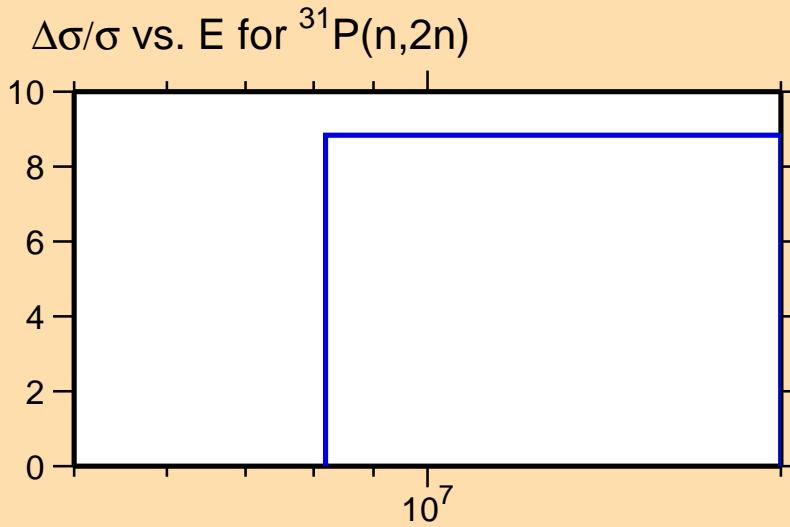
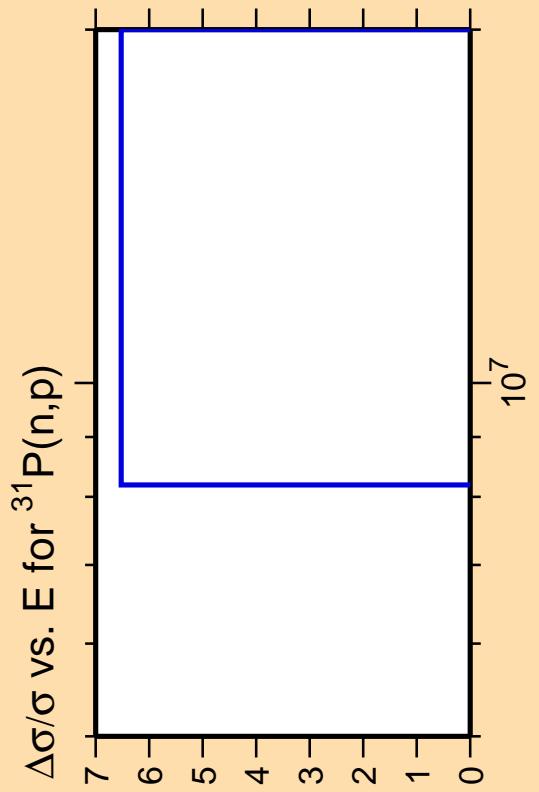
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2n)$



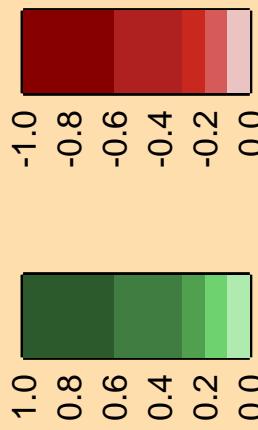
Correlation Matrix

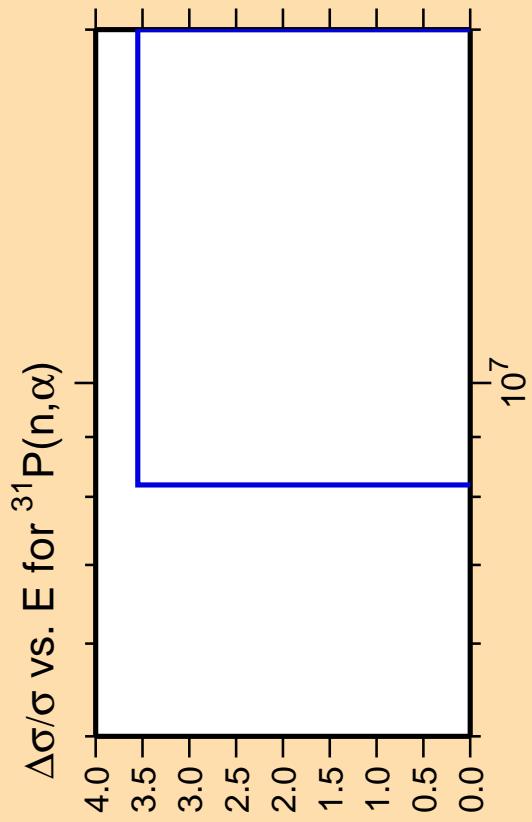




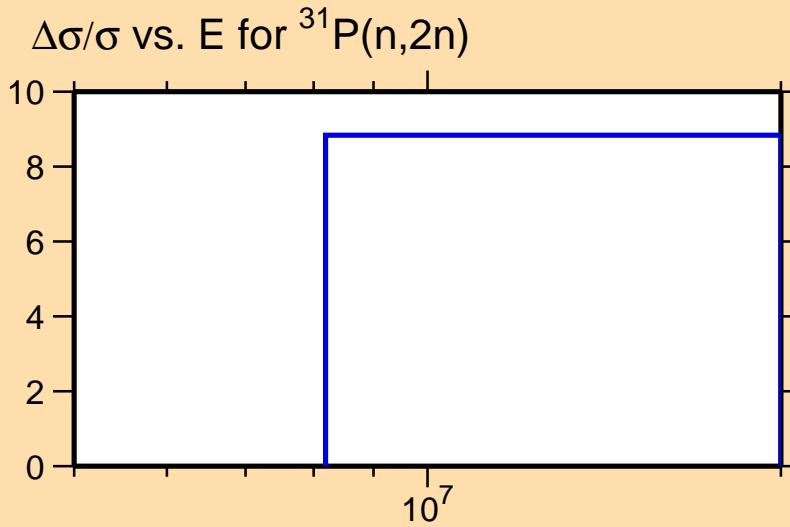


Correlation Matrix

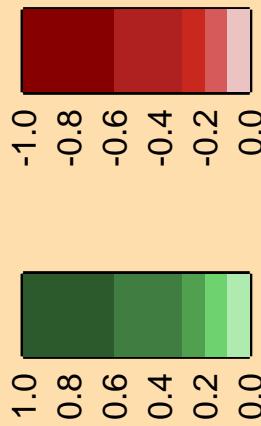




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



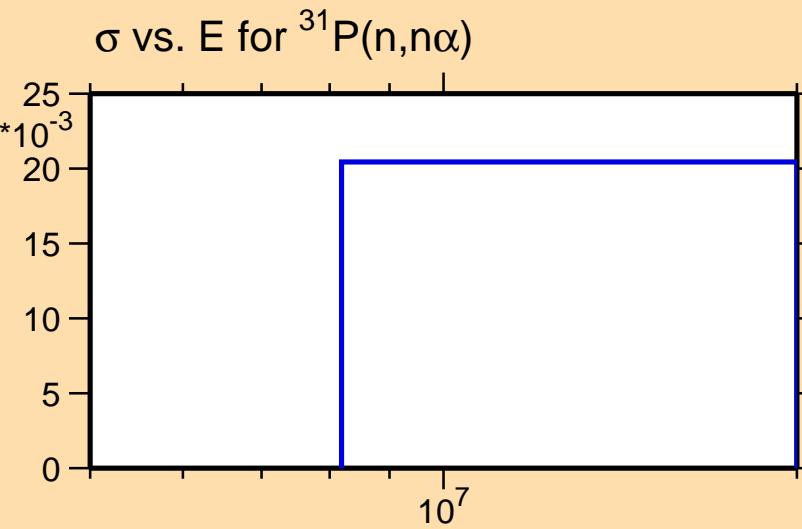
Correlation Matrix



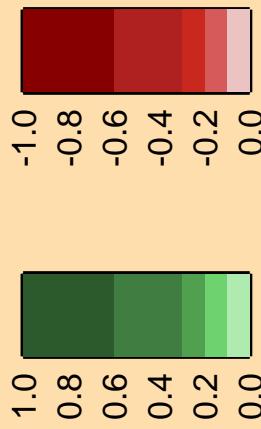
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,n\alpha)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



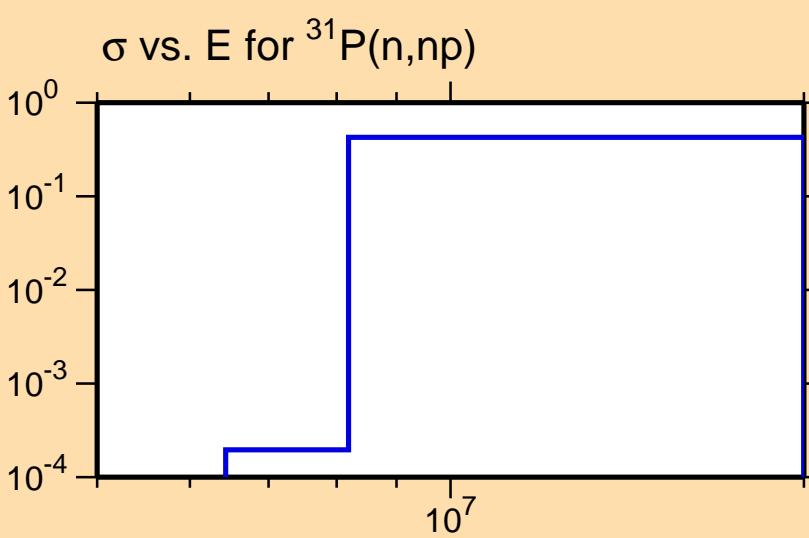
Correlation Matrix



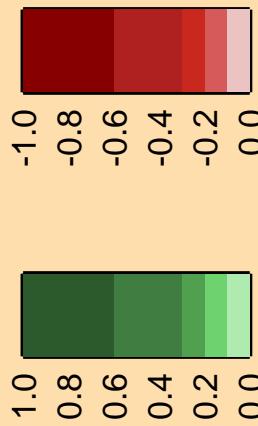
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{np})$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

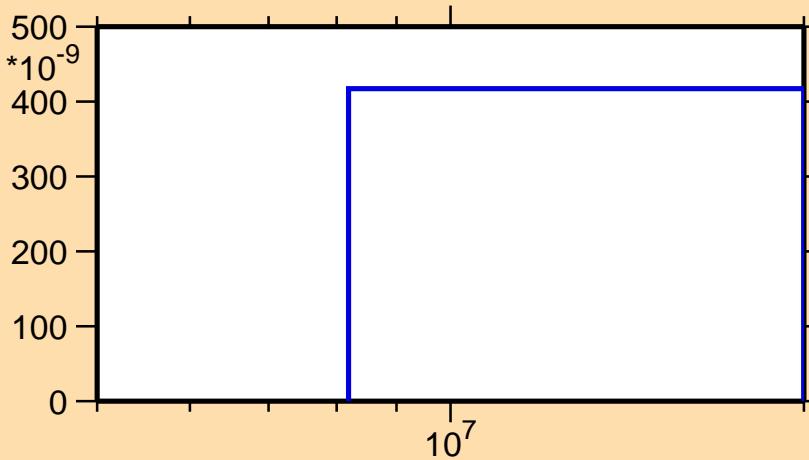


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{nd})$

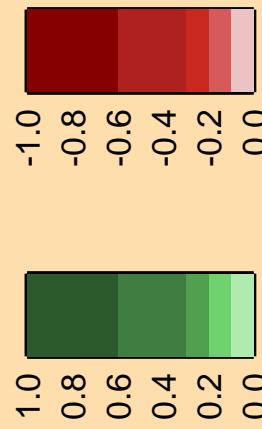
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(\text{n},\text{nd})$



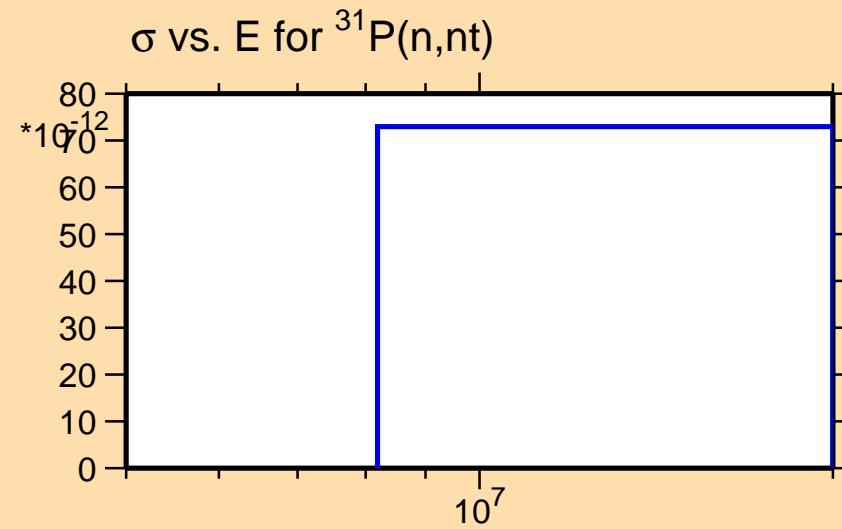
Correlation Matrix



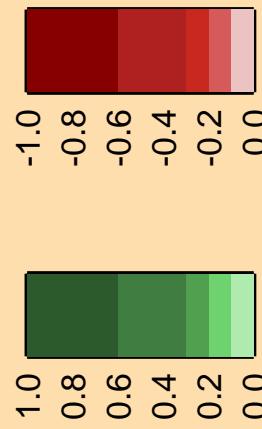
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{nt})$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

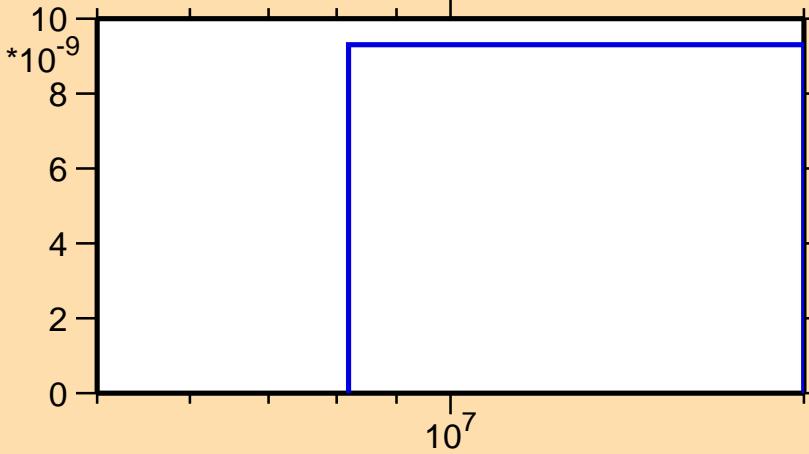


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,2\text{np})$

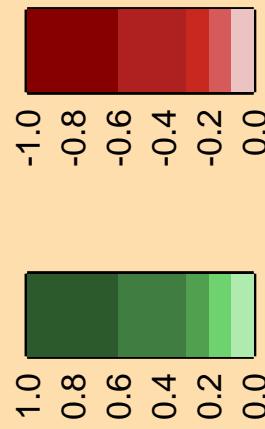
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(n,2\text{np})$



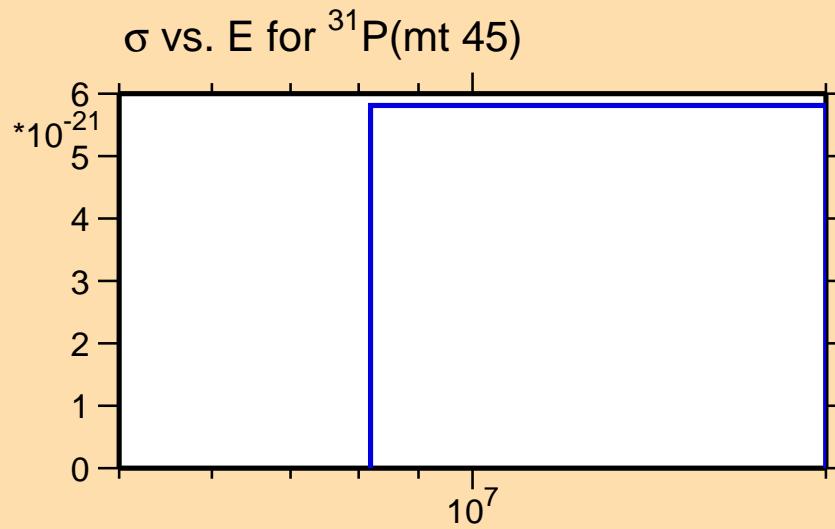
Correlation Matrix



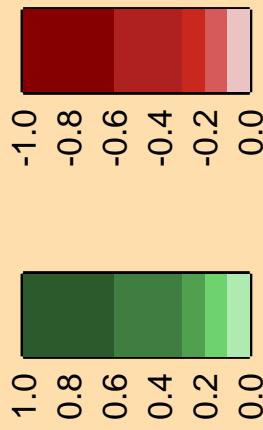
$\Delta\sigma/\sigma$ vs. E for ^{31}P (mt 45)

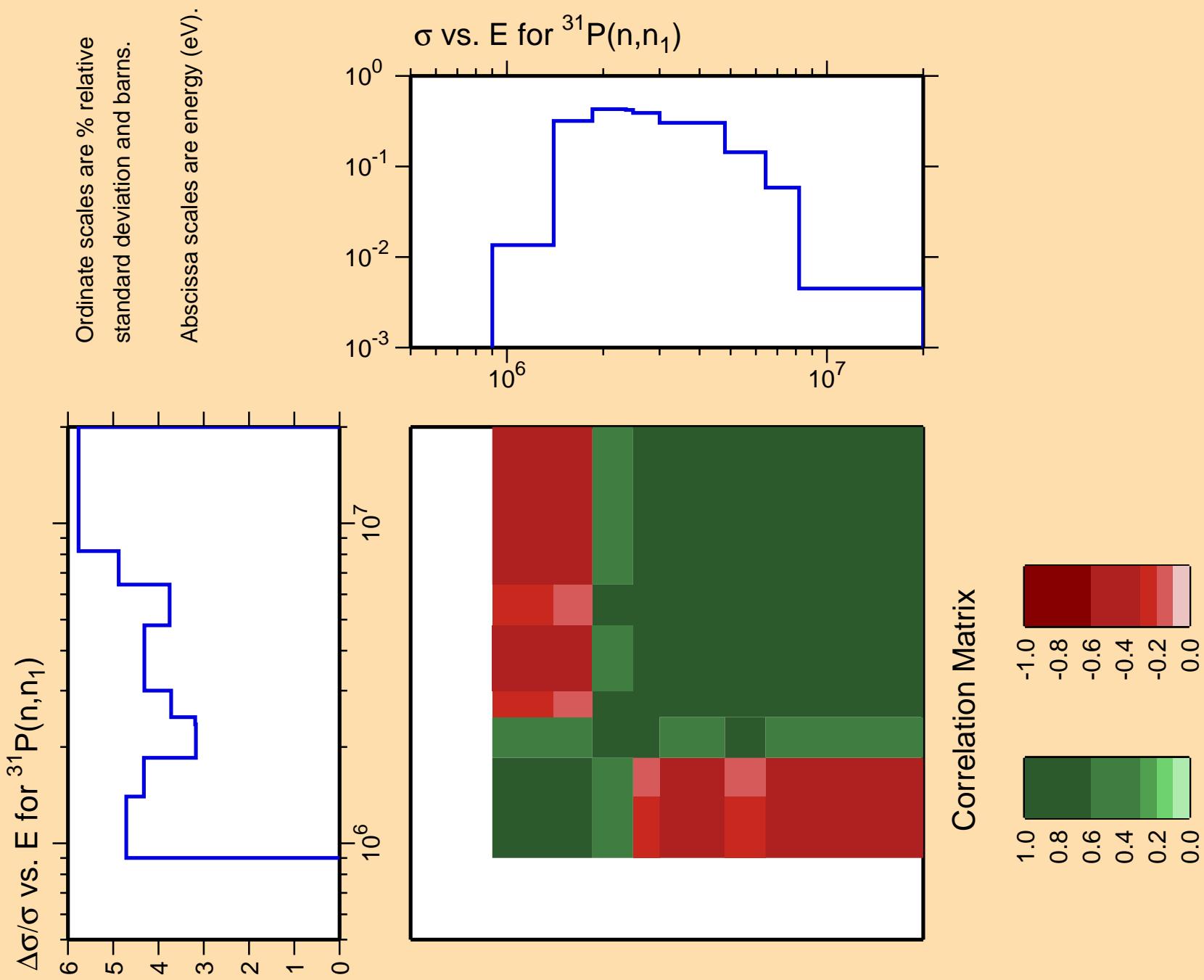
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix



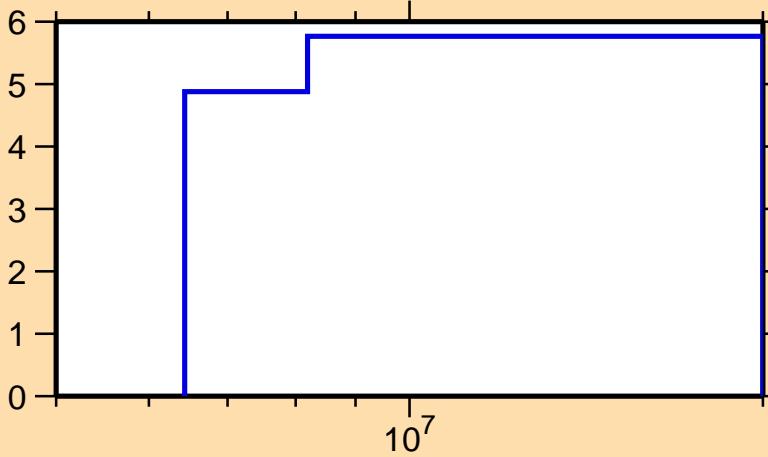


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\text{ncont.})$

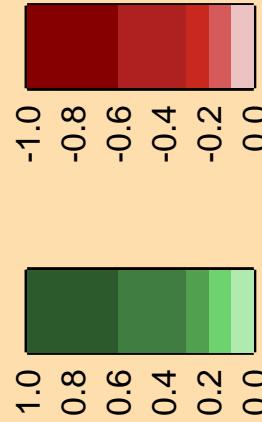
Ordinate scale is %
relative standard deviation.

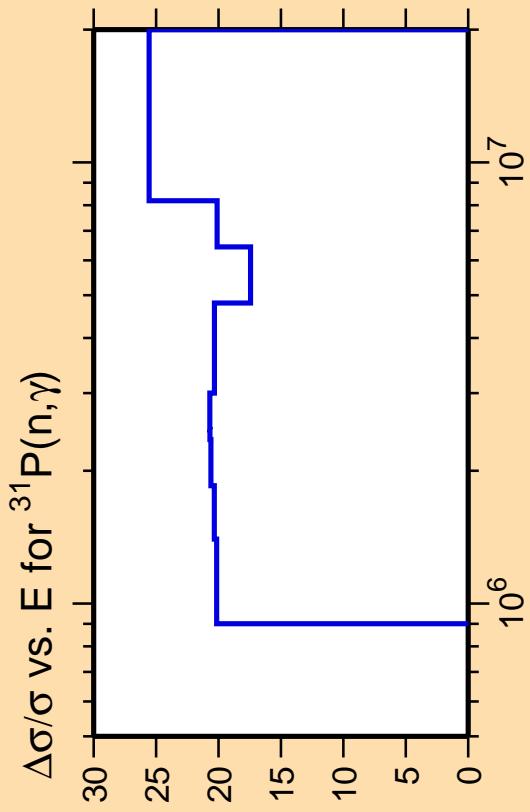
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,n_1)$

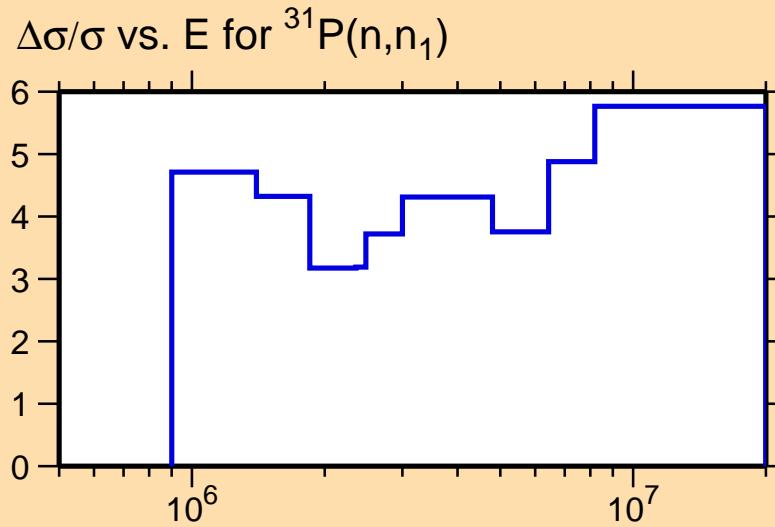


Correlation Matrix

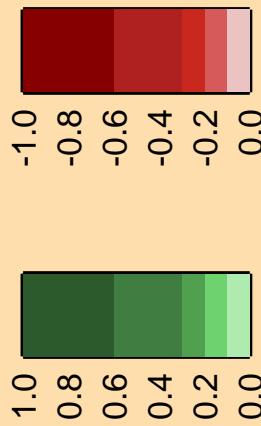


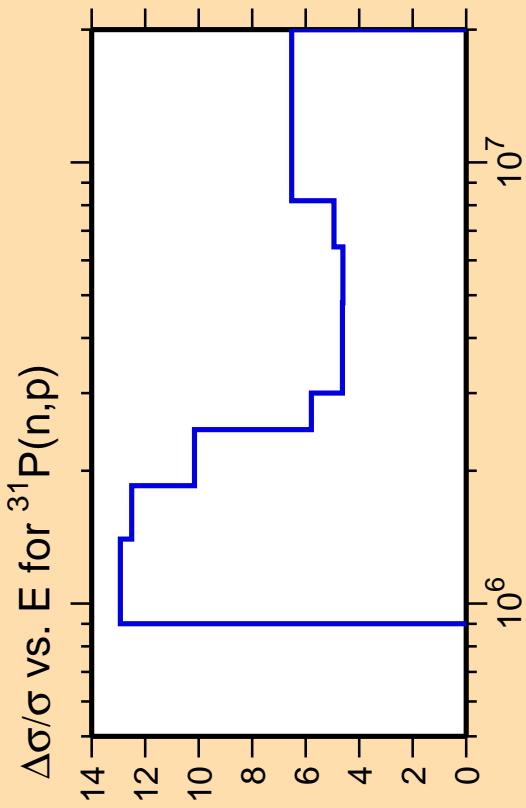


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

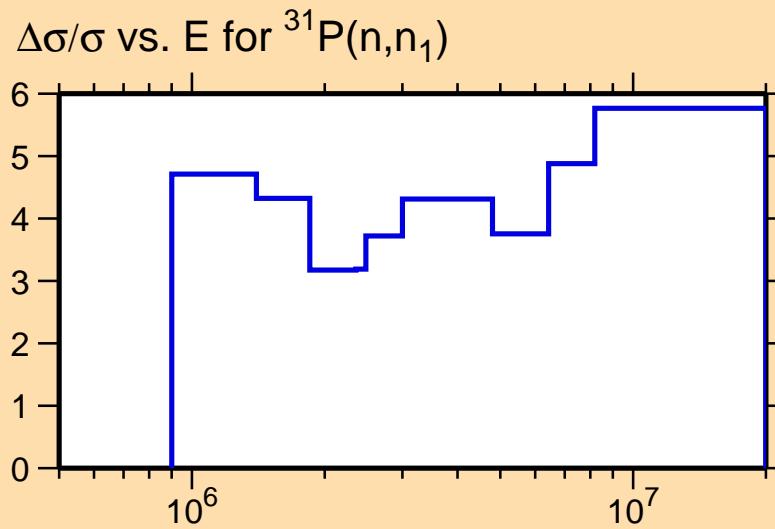


Correlation Matrix



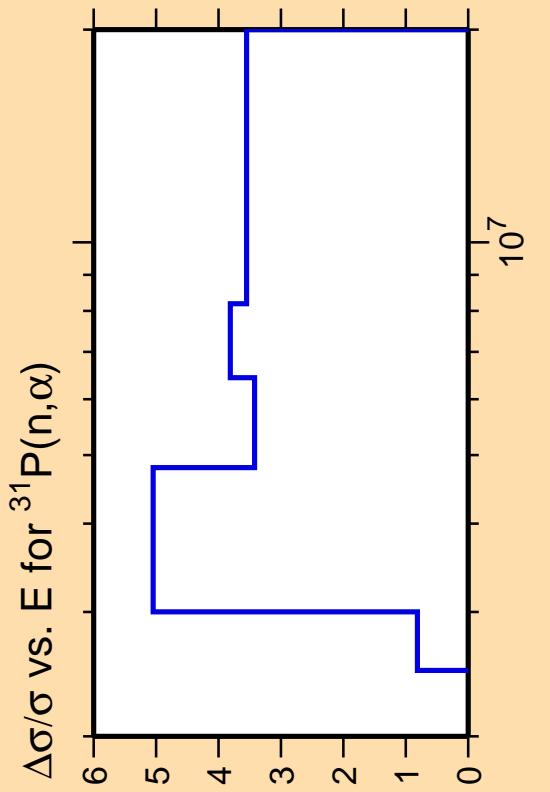


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

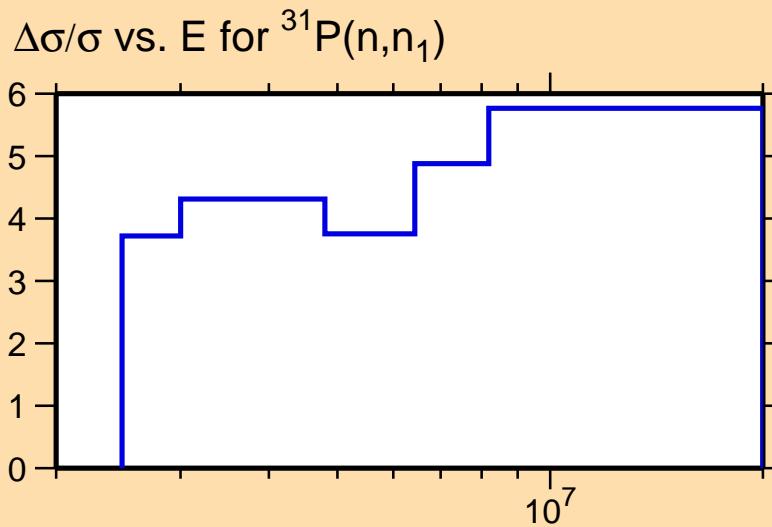


Correlation Matrix

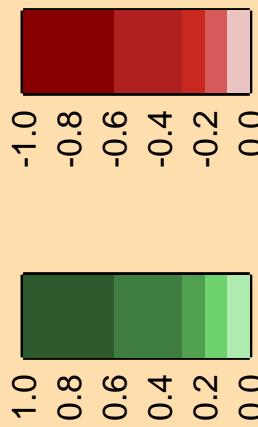




Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



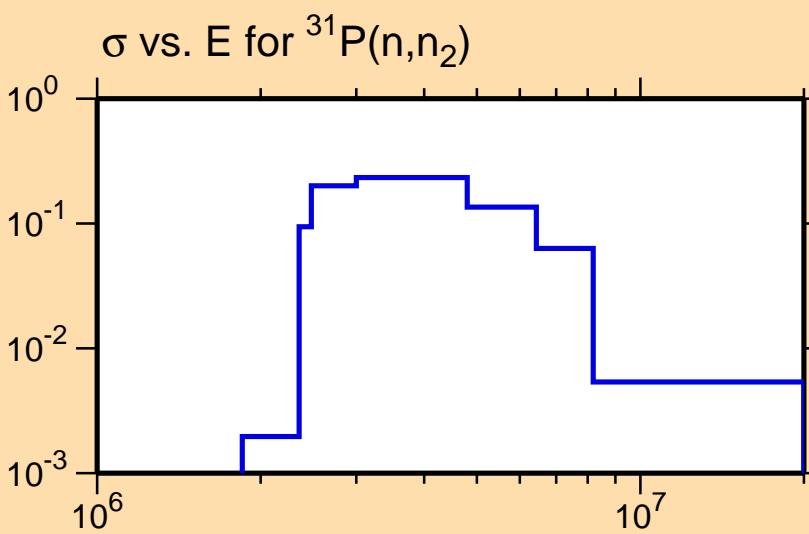
Correlation Matrix



$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,n_2)$

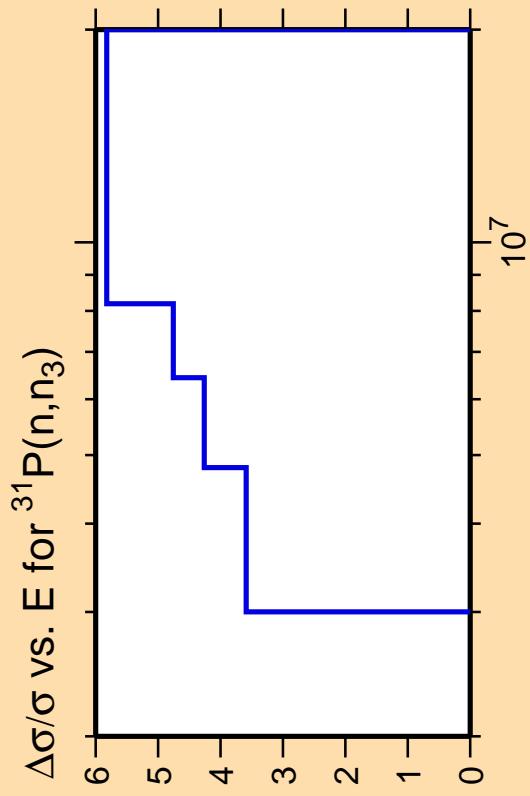
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

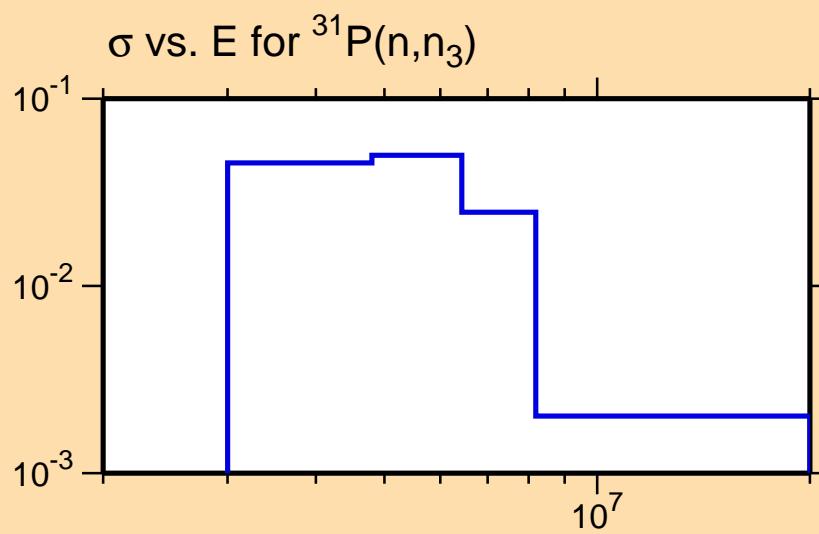


Correlation Matrix

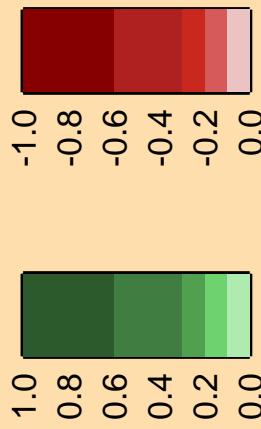




Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).



Correlation Matrix

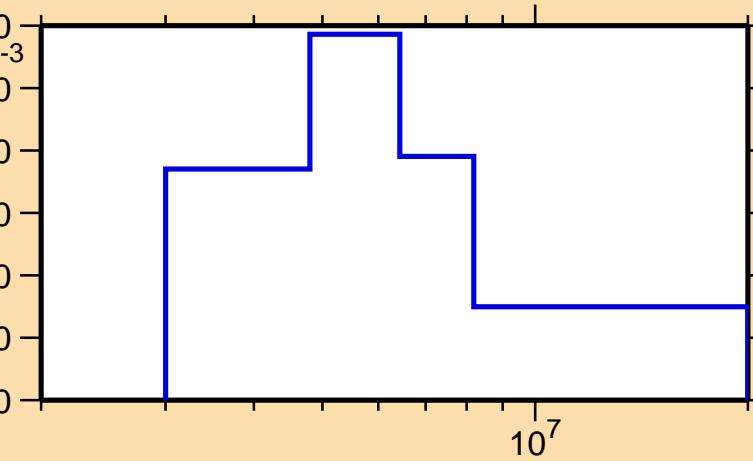


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,n_4)$

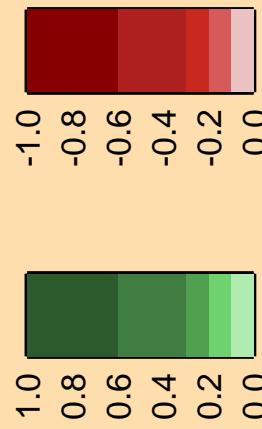
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(n,n_4)$



Correlation Matrix

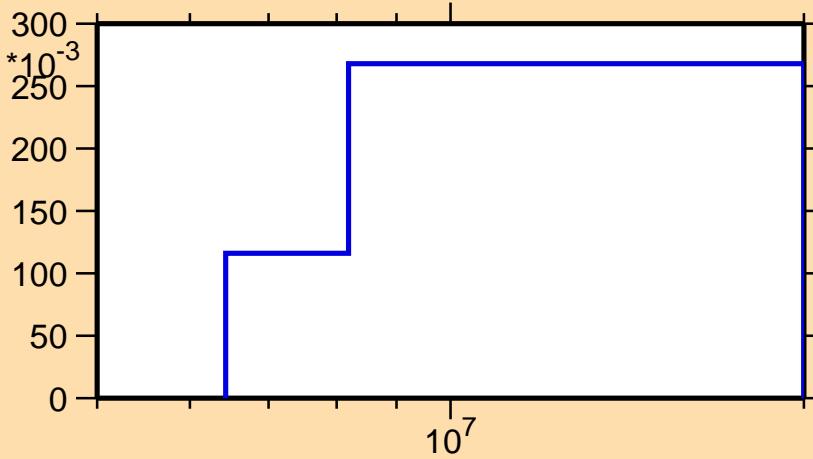


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{ncont.})$

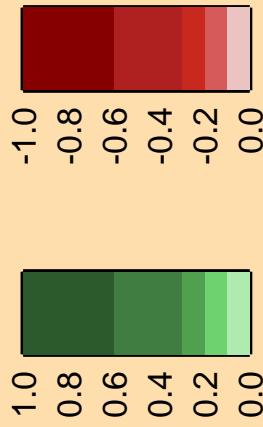
Ordinate scales are % relative
standard deviation and barns.

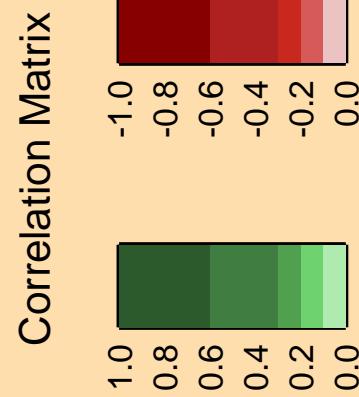
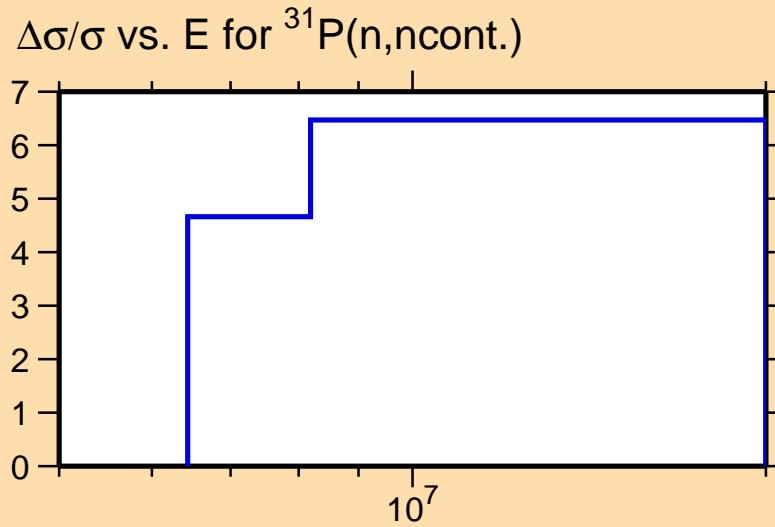
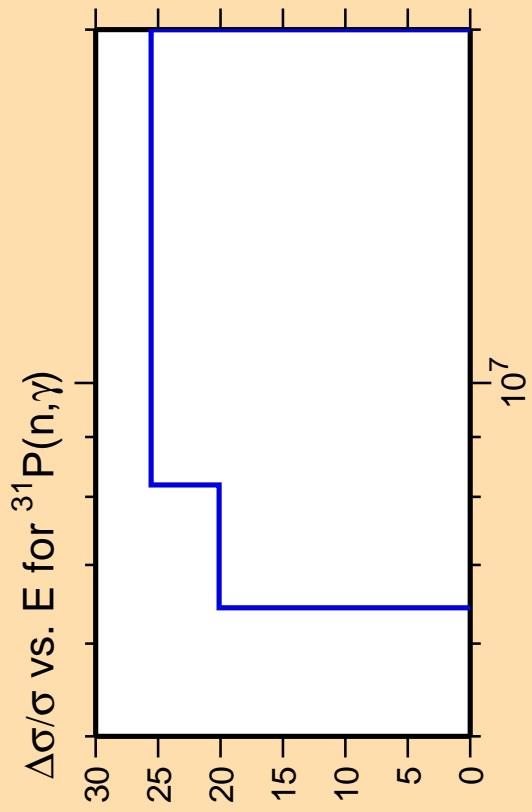
Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(\text{n},\text{ncont.})$



Correlation Matrix



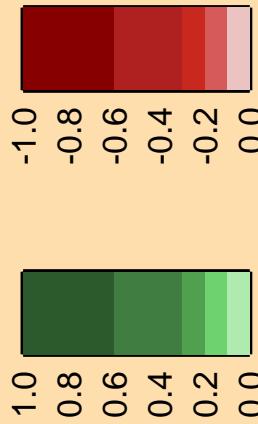
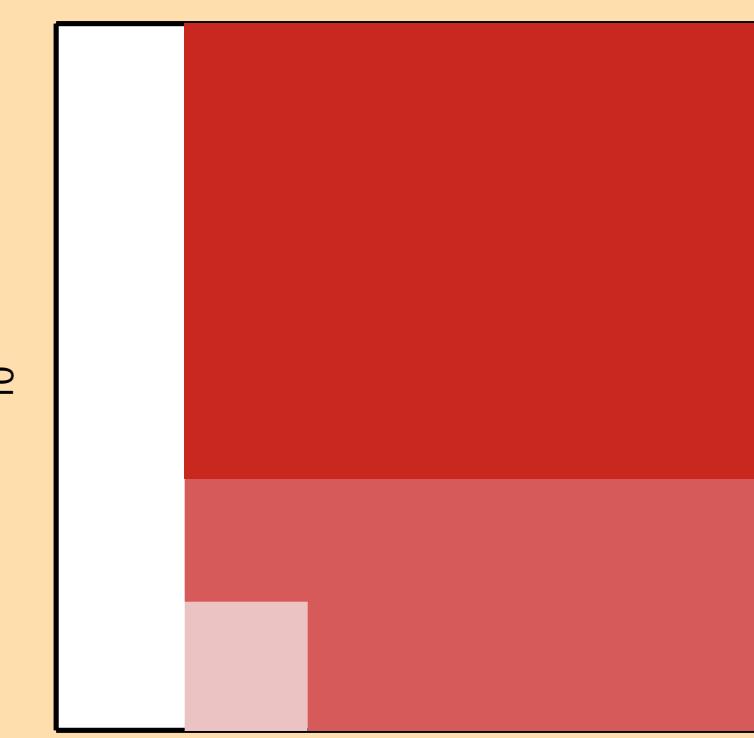
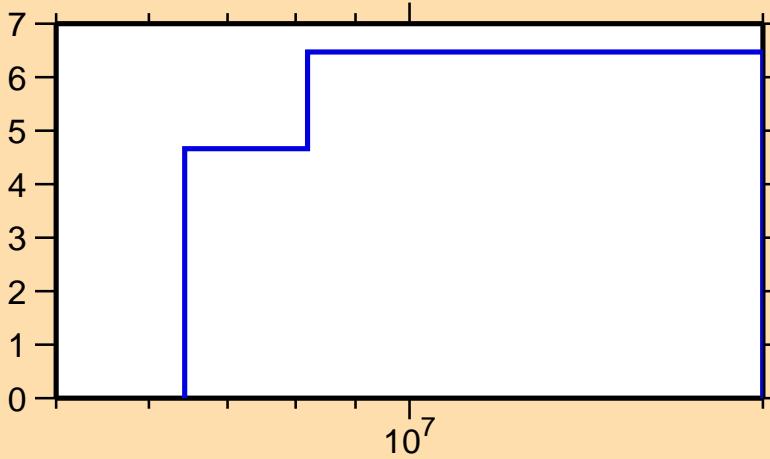


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{p})$

Ordinate scale is %
relative standard deviation.

Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{ncont.})$

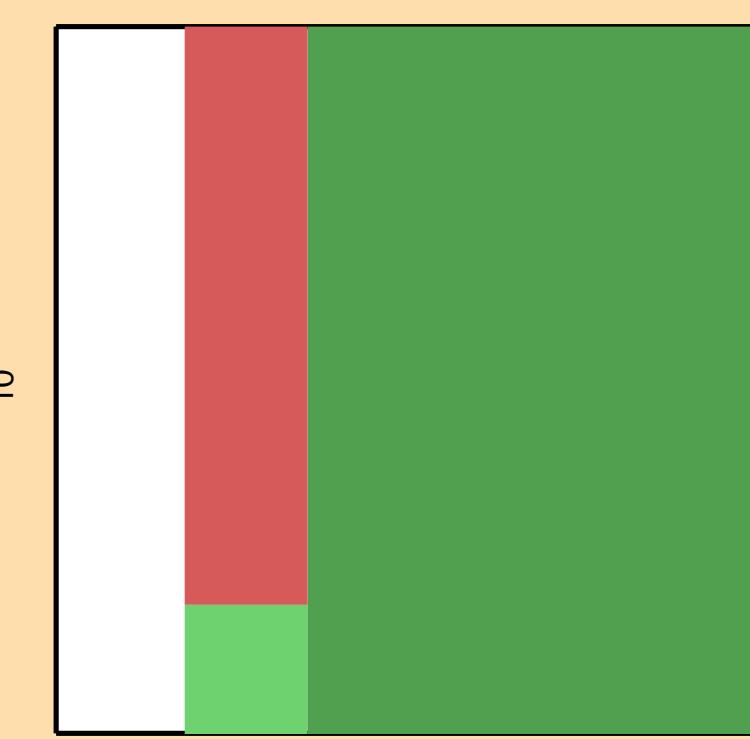
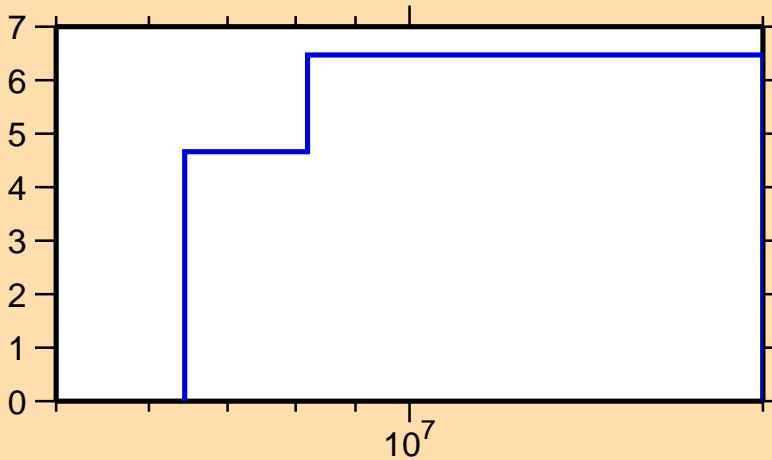


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\alpha)$

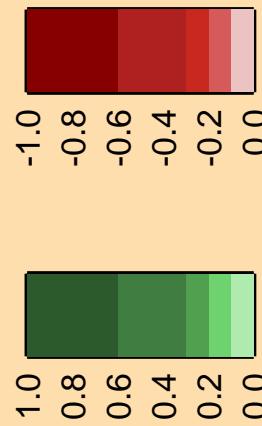
Ordinate scale is %
relative standard deviation.

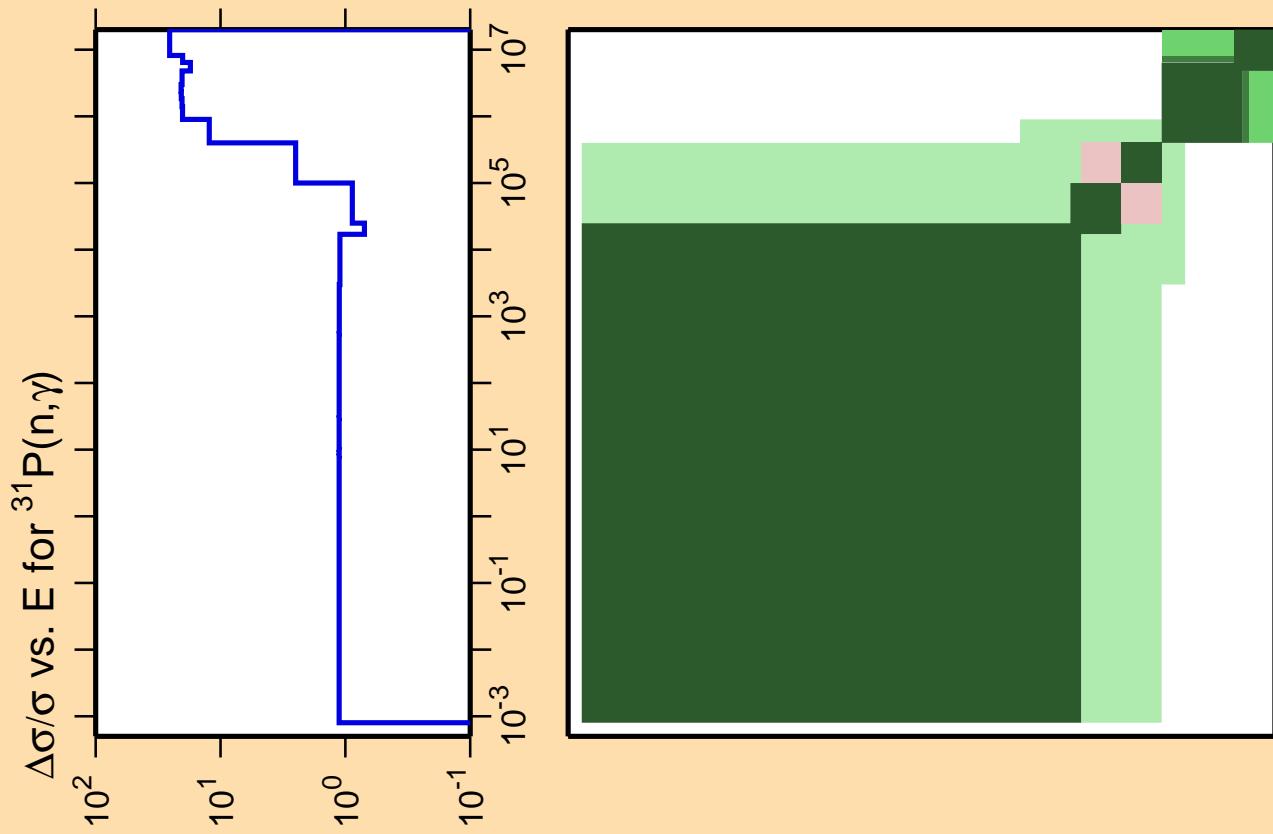
Abscissa scales are energy (eV).

$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n,ncont.})$

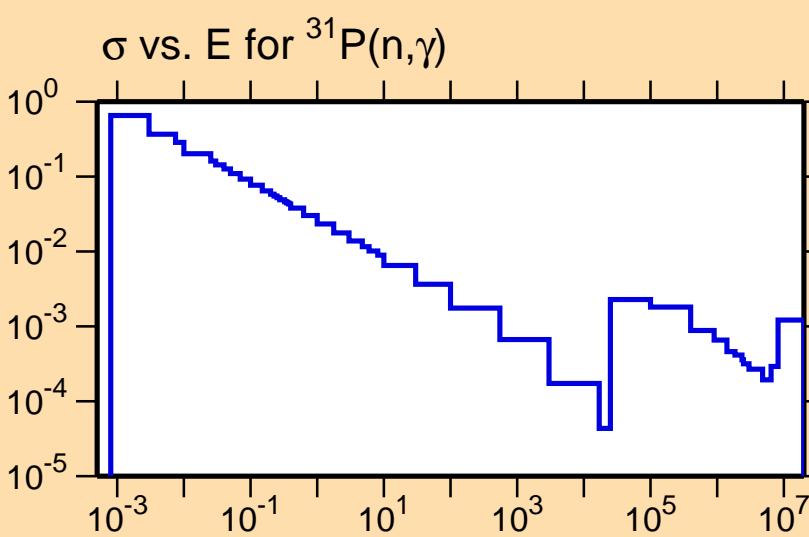


Correlation Matrix

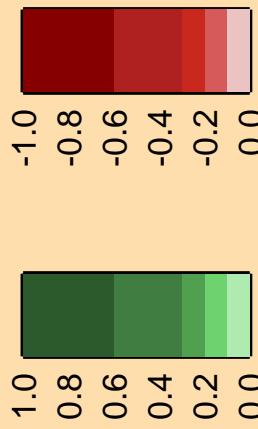


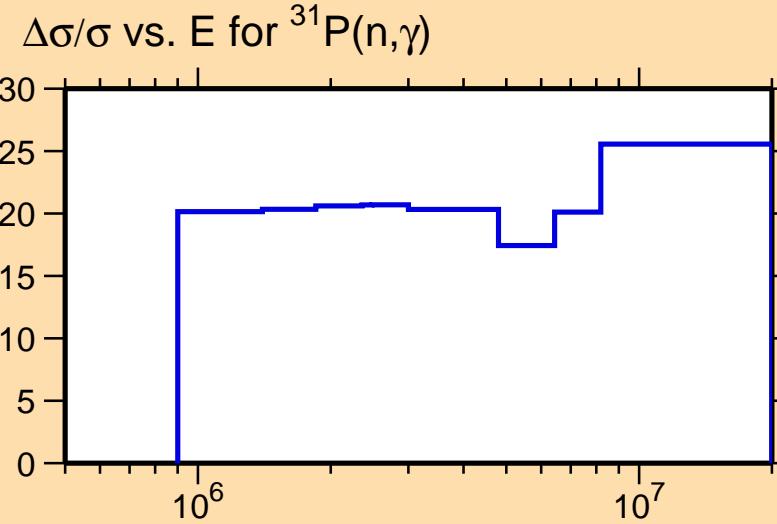
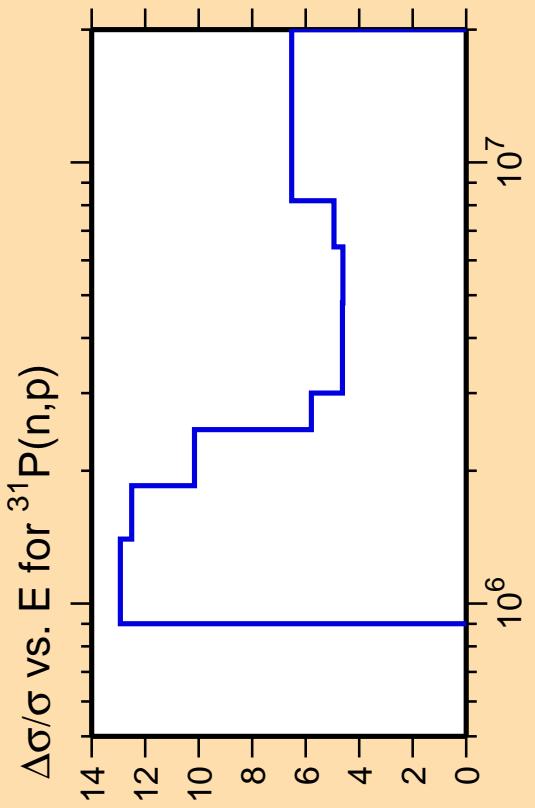


Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).

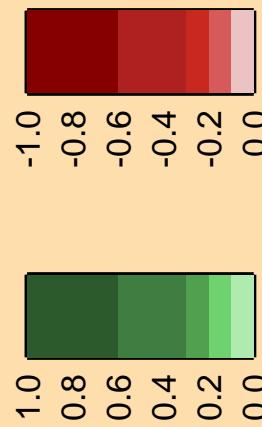


Correlation Matrix

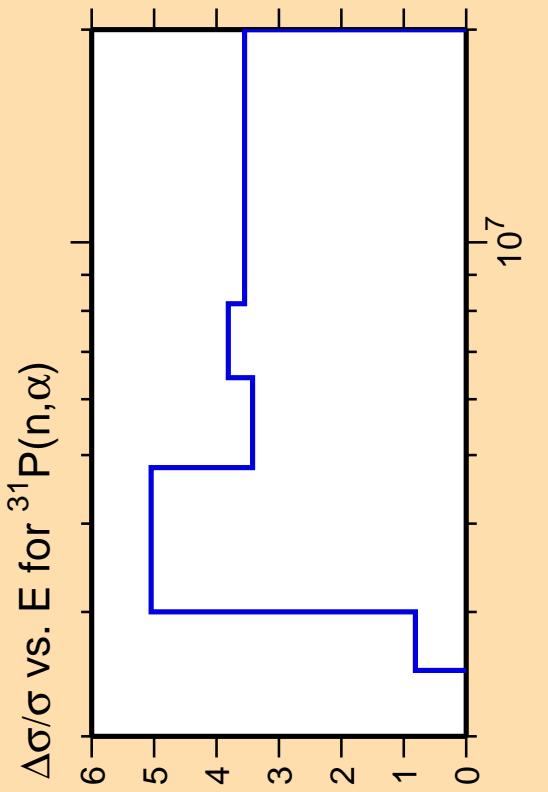




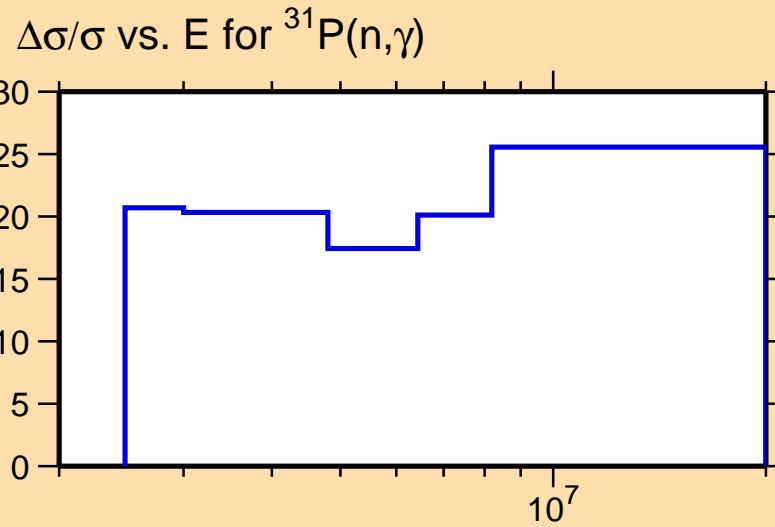
Correlation Matrix



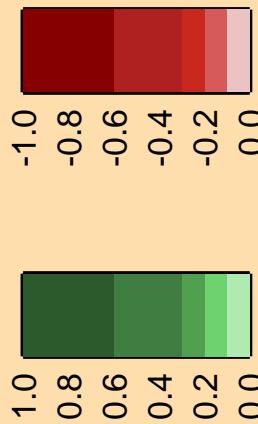
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

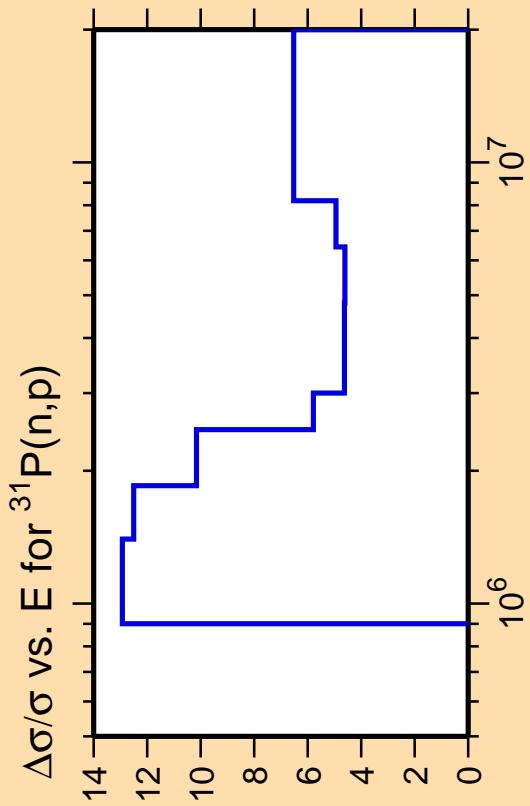


Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).

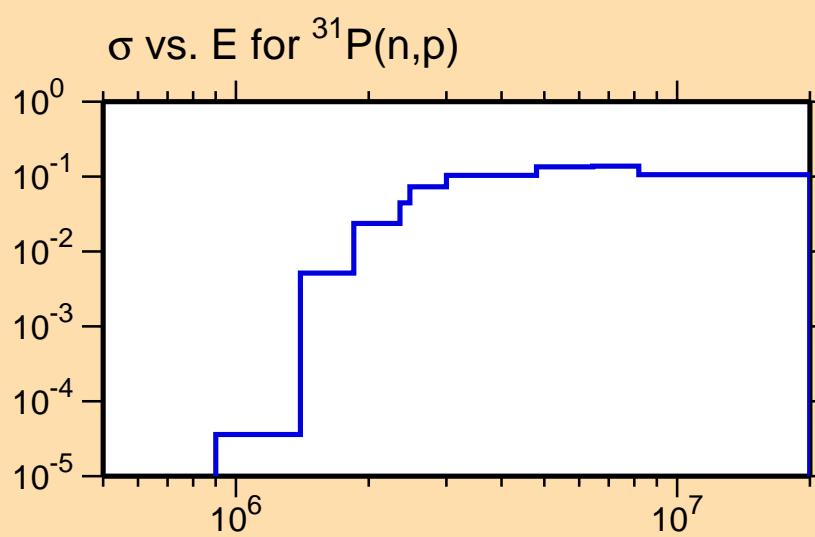


Correlation Matrix

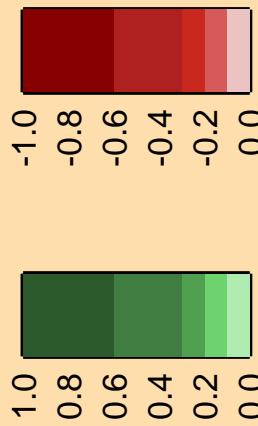


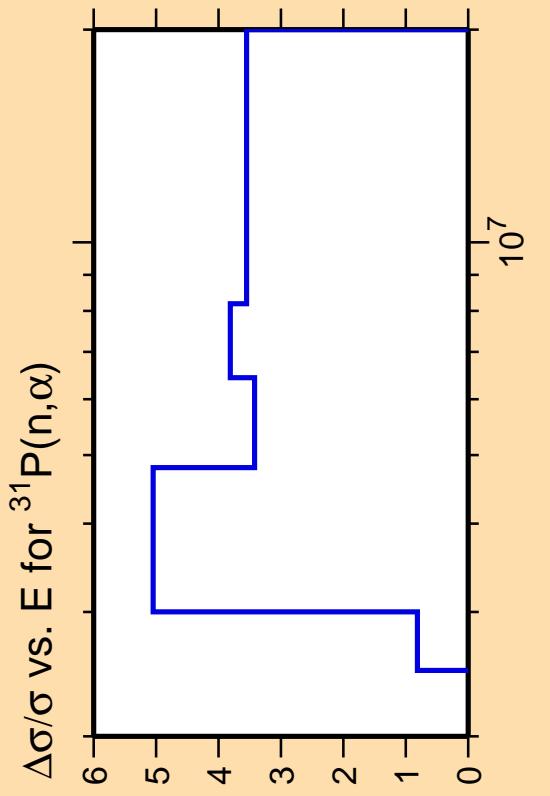


Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).

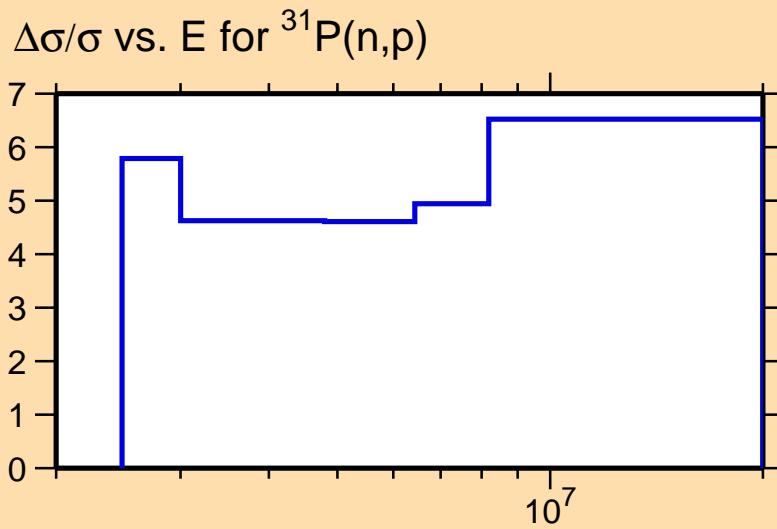


Correlation Matrix



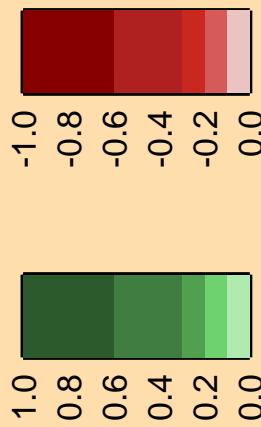


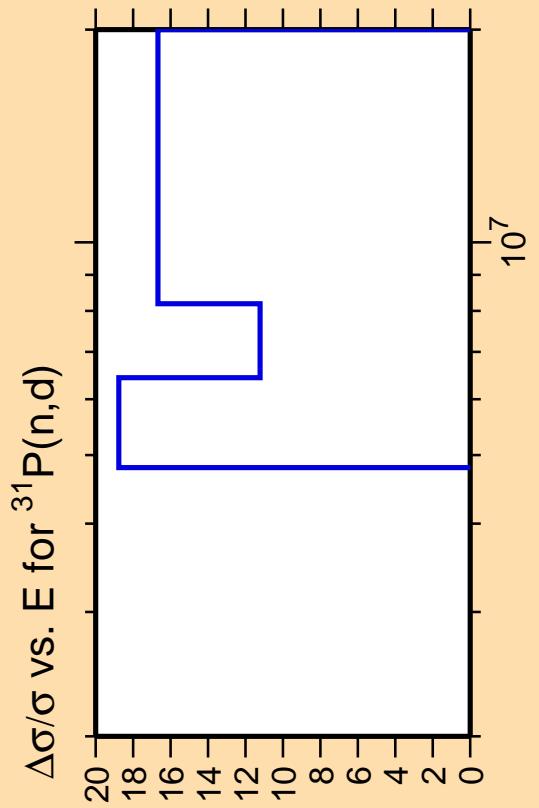
Ordinate scale is %
relative standard deviation.
Abscissa scales are energy (eV).



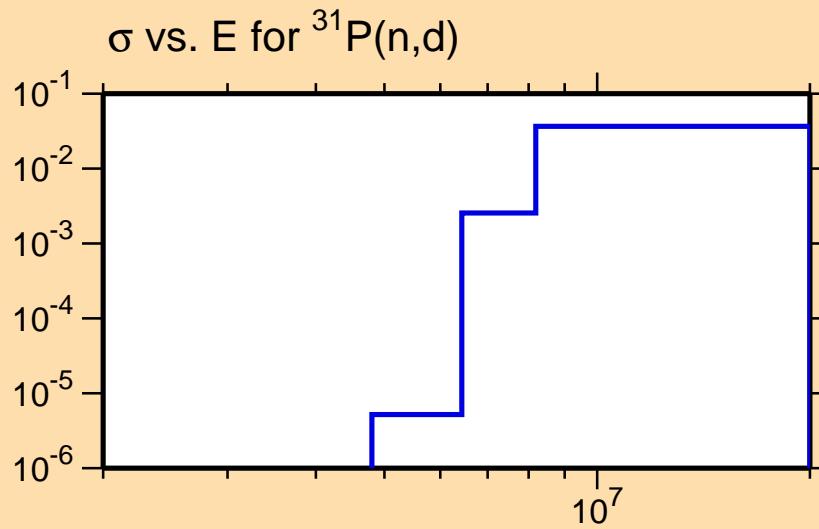
10^7

Correlation Matrix

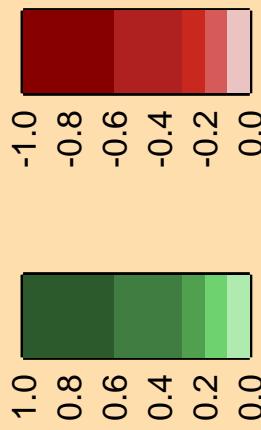




Ordinate scales are % relative
standard deviation and barns.
Abscissa scales are energy (eV).



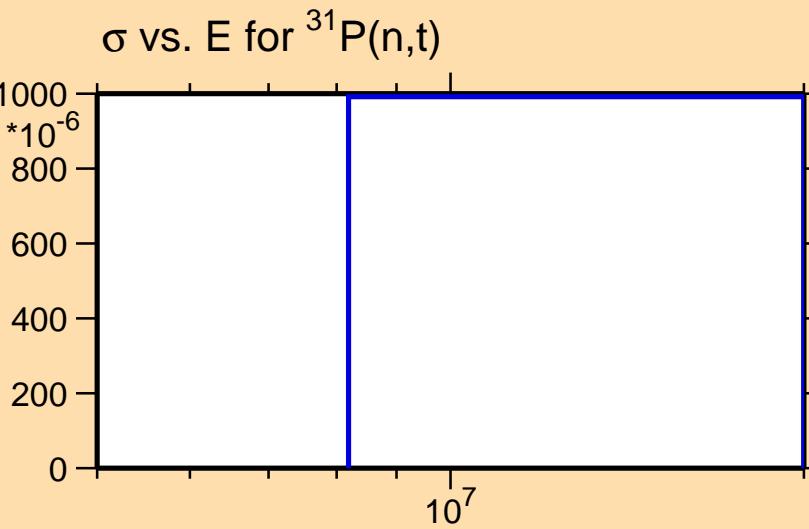
Correlation Matrix



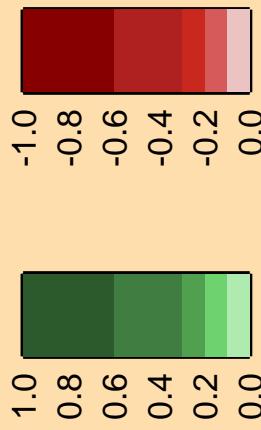
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,t)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

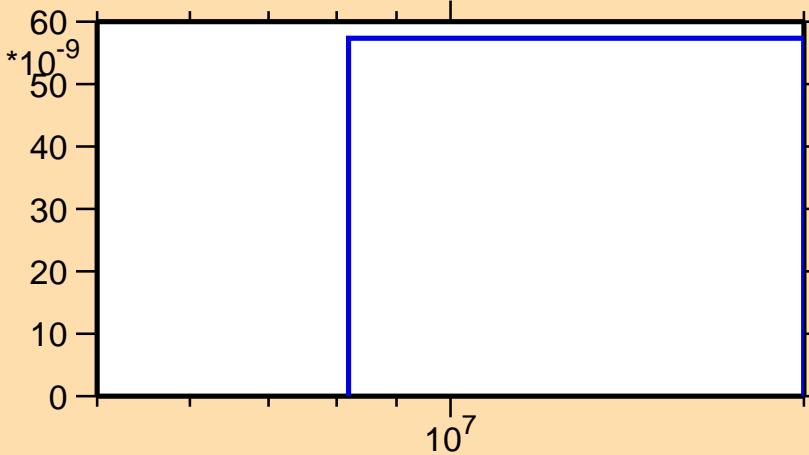


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{He3})$

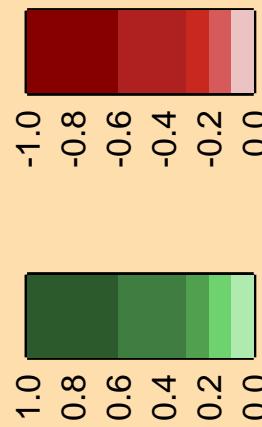
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(\text{n},\text{He3})$



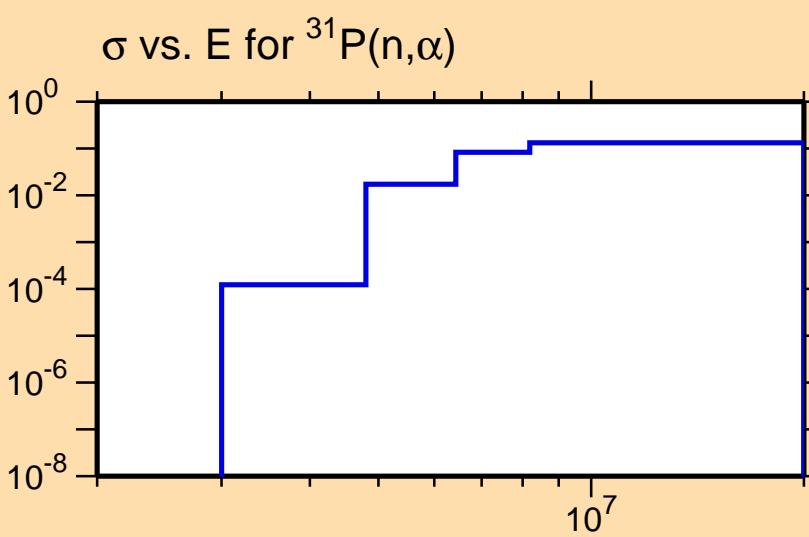
Correlation Matrix



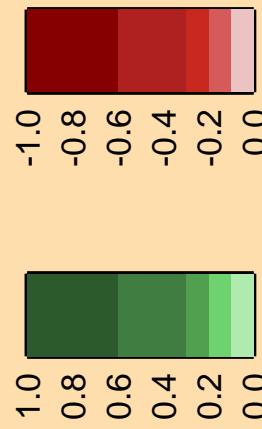
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(n,\alpha)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).



Correlation Matrix

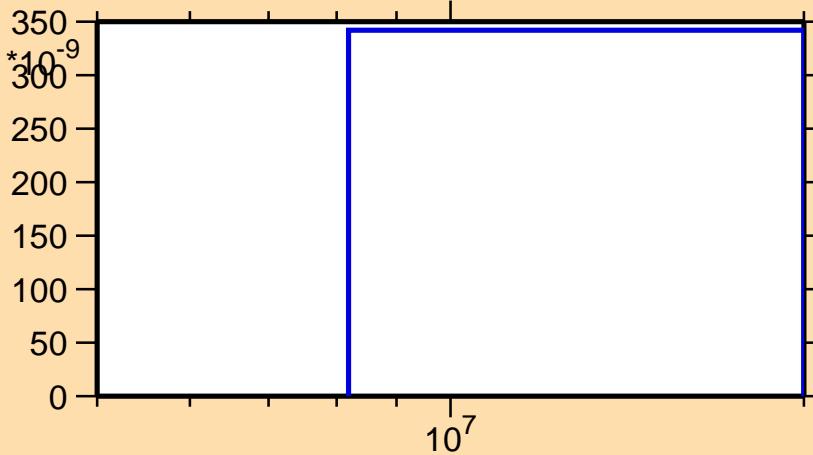


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{p}\alpha)$

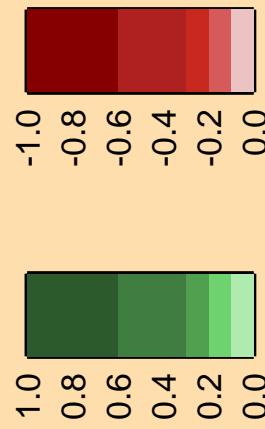
Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

σ vs. E for $^{31}\text{P}(\text{n},\text{p}\alpha)$



Correlation Matrix

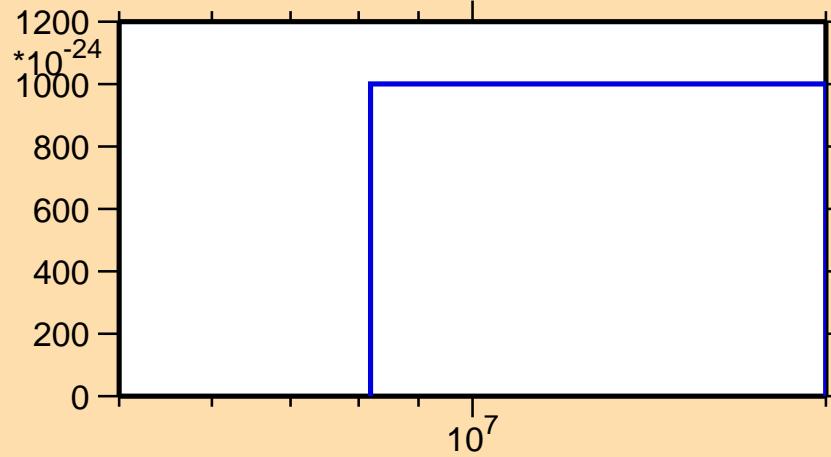


$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{n},\text{pd})$

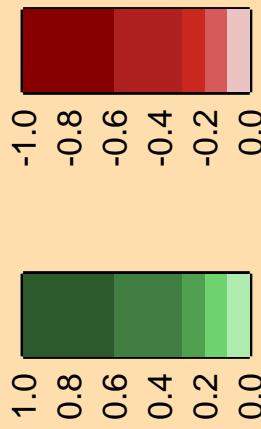
* 10^{-12}
350
300
250
200
150
100
50
0

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

σ vs. E for $^{31}\text{P}(\text{n},\text{pd})$



Correlation Matrix



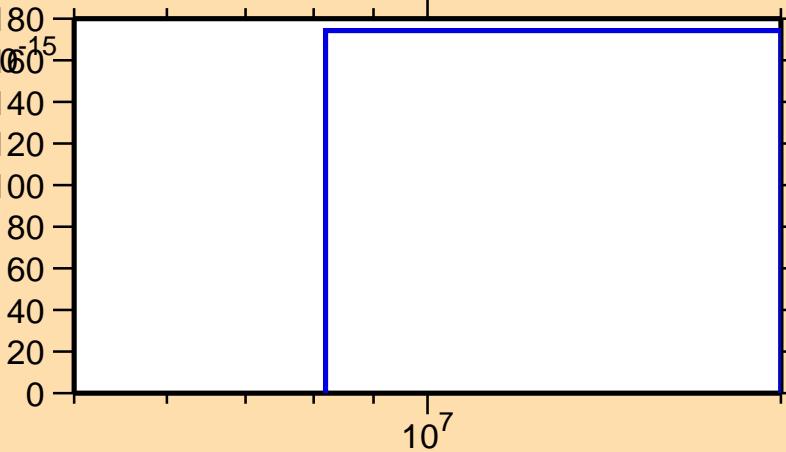
$\Delta\sigma/\sigma$ vs. E for $^{31}\text{P}(\text{mt}117)$

Ordinate scales are % relative
standard deviation and barns.

Abscissa scales are energy (eV).

* 10^{-3}

σ vs. E for $^{31}\text{P}(\text{mt}117)$



Correlation Matrix

