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

Correlation Matrix

<table>
<thead>
<tr>
<th>Correlation</th>
<th>1.0</th>
<th>0.8</th>
<th>0.6</th>
<th>0.4</th>
<th>0.2</th>
<th>0.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
<td>0.2</td>
<td>0.0</td>
</tr>
<tr>
<td>0.8</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
<td>0.2</td>
</tr>
<tr>
<td>0.6</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
</tr>
<tr>
<td>0.4</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
</tr>
<tr>
<td>0.2</td>
<td>0.2</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
</tr>
<tr>
<td>0.0</td>
<td>0.0</td>
<td>0.2</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

σ vs. E for $^{249}\text{Bk}(n,\text{tot.})$
σ vs. E for $^{249}\text{Bk(n,el.)}$

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).

$\Delta \sigma/\sigma$ vs. E for $^{249}$Bk(n,el.)

$\Delta \sigma/\sigma$ vs. E for $^{249}$Bk(n,f)

Correlation Matrix

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

Correlation Matrix

1.0 0.8 0.6 0.4 0.2 0.0

-1.0 -0.8 -0.6 -0.4 -0.2 0.0
Ordinate scale is % relative standard deviation. Abscissa scales are energy (eV).

Correlation Matrix

\[ \frac{\Delta \sigma}{\sigma} \text{ vs. } E \text{ for } ^{249}\text{Bk}(n,\text{el.}) \]

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

Correlation Matrix

σ vs. E for $^{249}$Bk(n,inel.)

$\Delta\sigma/\sigma$ vs. E for $^{249}$Bk(n,inel.)
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty data were suppressed.

Correlation Matrix

Abscissa scales are energy (eV).
\[ \frac{\Delta \sigma}{\sigma} \text{ vs. } E \text{ for } ^{249}\text{Bk}(n,\text{inel.}) \]

Abscissa scales are energy (eV).

Ordinate scale is % relative standard deviation.

Warning: some uncertainty data were suppressed.

Correlation Matrix

0.0
0.2
0.4
0.6
0.8
1.0
-0.2
-0.4
-0.6
-0.8
-1.0

1.0
0.8
0.6
0.4
0.2
0.0
-1.0
-0.8
-0.6
-0.4
-0.2
0.0

60 50 40 30 20 10 0
0 10^5 10^6 10^7

\[ \frac{\Delta \sigma}{\sigma} \text{ vs. } E \text{ for } ^{249}\text{Bk}(n,n) \]

Correlation Matrix

0.0
0.2
0.4
0.6
0.8
1.0
-0.2
-0.4
-0.6
-0.8
-1.0
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty data were suppressed.

\[ \frac{\Delta \sigma}{\sigma} \text{ vs. } E \text{ for } ^{249}\text{Bk(n,inel.)} \]

Correlation Matrix:

<table>
<thead>
<tr>
<th></th>
<th>-1.0</th>
<th>-0.8</th>
<th>-0.6</th>
<th>-0.4</th>
<th>-0.2</th>
<th>0.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.0</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
<td>0.2</td>
<td>0.0</td>
</tr>
<tr>
<td>-0.8</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
<td>0.2</td>
</tr>
<tr>
<td>-0.6</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
<td>0.4</td>
</tr>
<tr>
<td>-0.4</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
<td>0.6</td>
</tr>
<tr>
<td>-0.2</td>
<td>0.2</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>0.8</td>
</tr>
<tr>
<td>0.0</td>
<td>0.0</td>
<td>0.2</td>
<td>0.4</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
</tr>
</tbody>
</table>
σ/σ vs. E for $^{249}$Bk(n,inel.)

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

Correlation Matrix

- Color scale ranges from -1.0 to 1.0.
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).
Warning: some uncertainty data were suppressed.

$\Delta \sigma / \sigma$ vs. $E$ for $^{249}\text{Bk}(n, \text{inel.})$
$\Delta \sigma / \sigma$ vs. E for $^{249}$Bk(n,inel.)

Abscissa scales are energy (eV).

Warning: some uncertainty data were suppressed.

Ordinate scale is % relative standard deviation.

Correlation Matrix

-0.8 to 0.8 in increments of 0.2
\[
\Delta \sigma / \sigma \text{ vs. } E \text{ for } ^{249}\text{Bk(n,inel.)}
\]

**Ordinate scale is % relative standard deviation.**

**Abscissa scales are energy (eV).**

**Correlation Matrix**

<table>
<thead>
<tr>
<th>1.0</th>
<th>0.8</th>
<th>0.6</th>
<th>0.4</th>
<th>0.2</th>
<th>0.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>-1.0</td>
<td>-0.8</td>
<td>-0.6</td>
<td>-0.4</td>
<td>-0.2</td>
</tr>
</tbody>
</table>

**Legend:**
- Red: -1.0 to 0.0
- Orange: 0.0 to 0.2
- Green: 0.2 to 1.0
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).

Δσ/σ vs. E for $^{249}\text{Bk}(n,\text{inel.})$

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

$\Delta \sigma / \sigma$ vs. $E$ for $^{249}$Bk(n,inel.)

Correlation Matrix

$\Delta \sigma / \sigma$ vs. $E$ for $^{249}$Bk(n,n$_9$)
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).

$\Delta \sigma/\sigma$ vs. E for $^{249}$Bk(n,inel.)

Correlation Matrix

$\Delta \sigma/\sigma$ vs. E for $^{249}$Bk(n,n)$^{10}$
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).

Correlation Matrix

<table>
<thead>
<tr>
<th>Correlation Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.0</td>
</tr>
<tr>
<td>1.0</td>
</tr>
</tbody>
</table>
Ordinate scales are % relative standard deviation and barns.
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
Ordinate scales are % relative standard deviation and barns. Abscissa scales are energy (eV).

Correlation Matrix

$\sigma$ vs. E for $^{249}$Bk(n,f)
Ordinate scale is % relative standard deviation.
Abscissa scales are energy (eV).

$\Delta \sigma/\sigma$ vs. $E$ for $^{249}$Bk(n,f)

Correlation Matrix

$\Delta \sigma/\sigma$ vs. $E$ for $^{249}$Bk(n,$\gamma$)

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

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

Warning: some uncertainty data were suppressed.

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

Warning: some uncertainty data were suppressed.

Correlation Matrix

sigma vs. E for \(^{249}\)Bk(n,n)
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 $^{249}\text{Bk}(n,n_5)$

Abscissa scales are energy (eV).
σ vs. E for $^{249}$Bk(n,n$_6$)

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

Correlation Matrix

Warning: some uncertainty data were suppressed.
σ vs. E for $^{249}\text{Bk}(n,n_7)$

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

Correlation Matrix

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

Correlation Matrix

$\sigma$ vs. $E$ for $^{249}$Bk($n,n_8$)

$\Delta\sigma/\sigma$ vs. $E$ for $^{249}$Bk($n,n_8$)
Ordinate scales are % relative standard deviation and barns. Abscissa scales are energy (eV).

Correlation Matrix

-1.0  -0.8  -0.6  -0.4  -0.2  0.0
  1.0  0.8  0.6  0.4  0.2  0.0

\( \Delta \sigma / \sigma \) vs. \( E \) for \(^{249}\text{Bk}(n,n_9)\)
Ordinate scales are % relative standard deviation and barns.
Abscissa scales are energy (eV).

<table>
<thead>
<tr>
<th>Correlation Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
</tr>
<tr>
<td>0.0</td>
</tr>
</tbody>
</table>

σ vs. E for $^{249}\text{Bk}(n,n_{10})$

Δσ/σ vs. E for $^{249}\text{Bk}(n,n_{10})$
Ordinate scales are % relative standard deviation and barns.
Abscissa scales are energy (eV).

Correlation Matrix

σ vs. E for $^{249}$Bk(n,ncont.)

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

$\Delta\sigma/\sigma$ vs. E for $^{249}$Bk(n,ncont.)

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

σ vs. E for $^{249}$Bk(n,γ)

Correlation Matrix

Abscissa scales are energy (eV).