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

σ vs. E for $^{90}$Zr(n,tot.)

$\Delta \sigma/\sigma$ vs. E for $^{90}$Zr(n,tot.)

Correlation Matrix
Correlation Matrix

Abscissa scales are energy (eV).

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

$\Delta \sigma/\sigma$ vs. $E$ for $^{90}$Zr(n,tot.)

$\Delta \sigma/\sigma$ vs. $E$ for $^{90}$Zr(n,inel.)

Correlation Matrix

Abscissa scales are energy (eV).

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

\( \Delta \sigma/\sigma \) vs. \( E \) for \( ^{90}\text{Zr}(n,\text{tot.}) \)

Correlation Matrix
$\Delta \sigma/\sigma$ vs. E for $^{90}$Zr(n,tot.)

Abscissa scales are energy (eV).

Ordinate scale is % relative standard deviation.
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.

1. The graph on the left shows the correlation matrix for $^{90}$Zr(n,el.) with values ranging from -1.0 to 1.0.
2. The graph on the right illustrates $\sigma$ vs. $E$ for $^{90}$Zr(n,el.), where the ordinate scales are % relative standard deviation and barns, and the abscissa scales are energy (eV).
3. The data points on the graph represent the energy dependence of the cross-section for neutron capture in $^{90}$Zr.
Ordinate scales are % relative standard deviation and barns.
Abscissa scales are energy (eV).

Correlation Matrix

$\sigma$ vs. $E$ for $^{90}\text{Zr}(n,\text{inel.})$
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.

σ vs. E for $^{90}$Zr(n,2n)

Δσ/σ vs. E for $^{90}$Zr(n,2n)
σ vs. E for $^{90}$Zr(n,γ)

Abscissa scales are energy (eV).

Ordinate scales are % relative standard deviation and barns.

Correlation Matrix

0.0 0.2 0.4 0.6 0.8 1.0

-0.2 -0.4 -0.6 -0.8 -1.0

Δσ/σ vs. E for $^{90}$Zr(n,γ)