

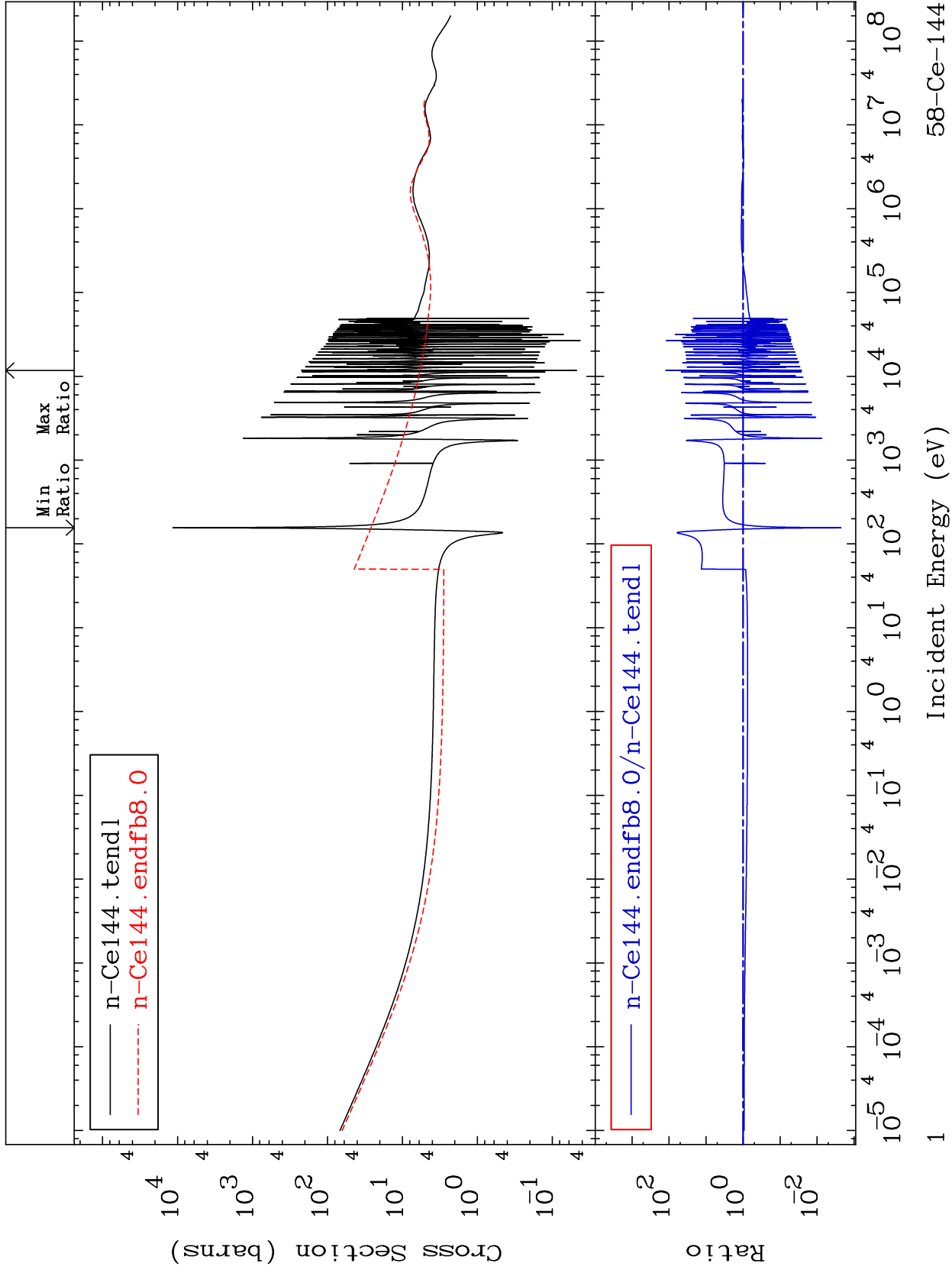
MAT 5849

Total

58-Ce-144

Cross Section

-99.77 To 9999. %



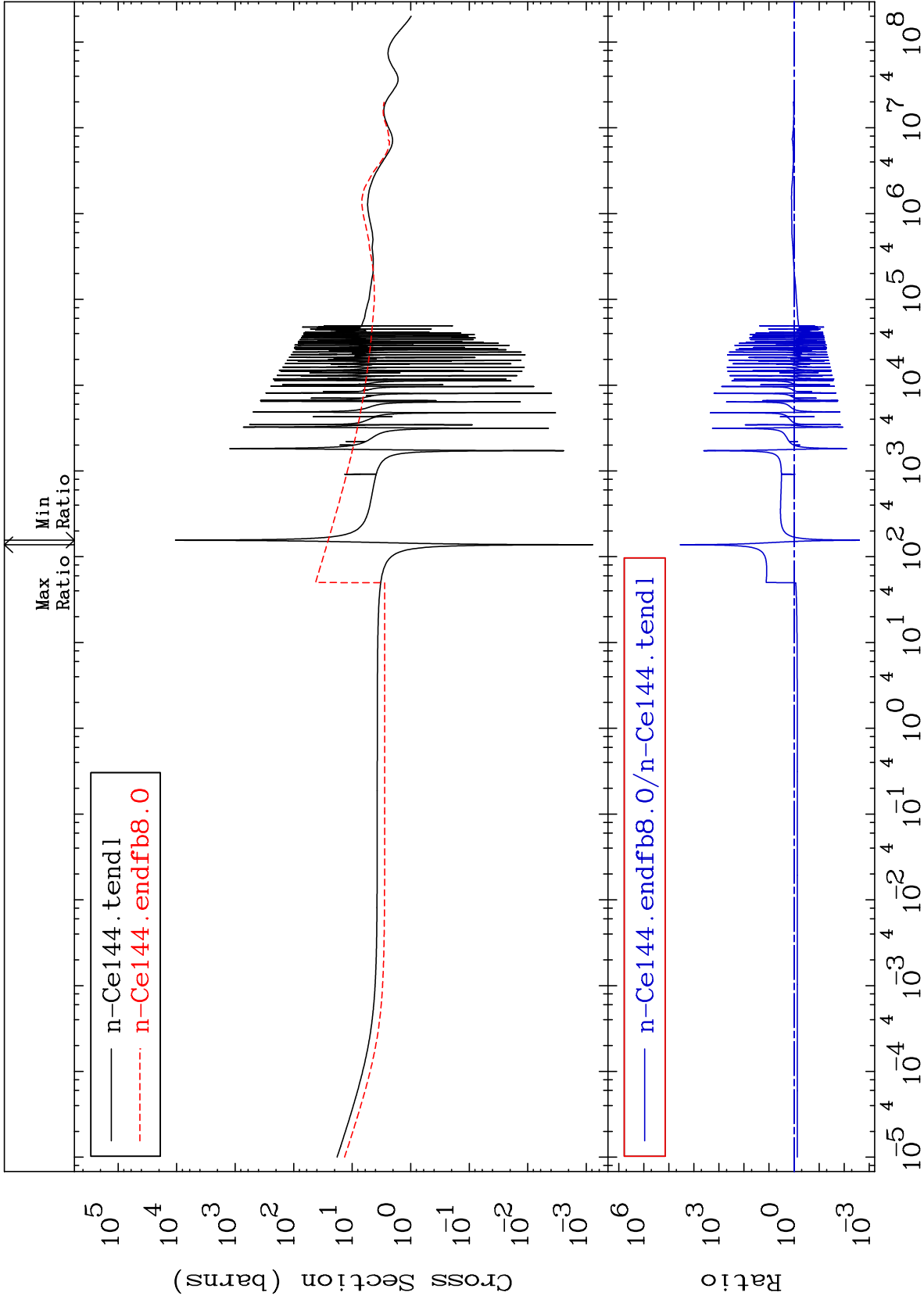
Incident Energy (eV)

58-Ce-144

MAT 5849

Elastic
Cross Section

58-Ce-144
-99.75 To 9999. %

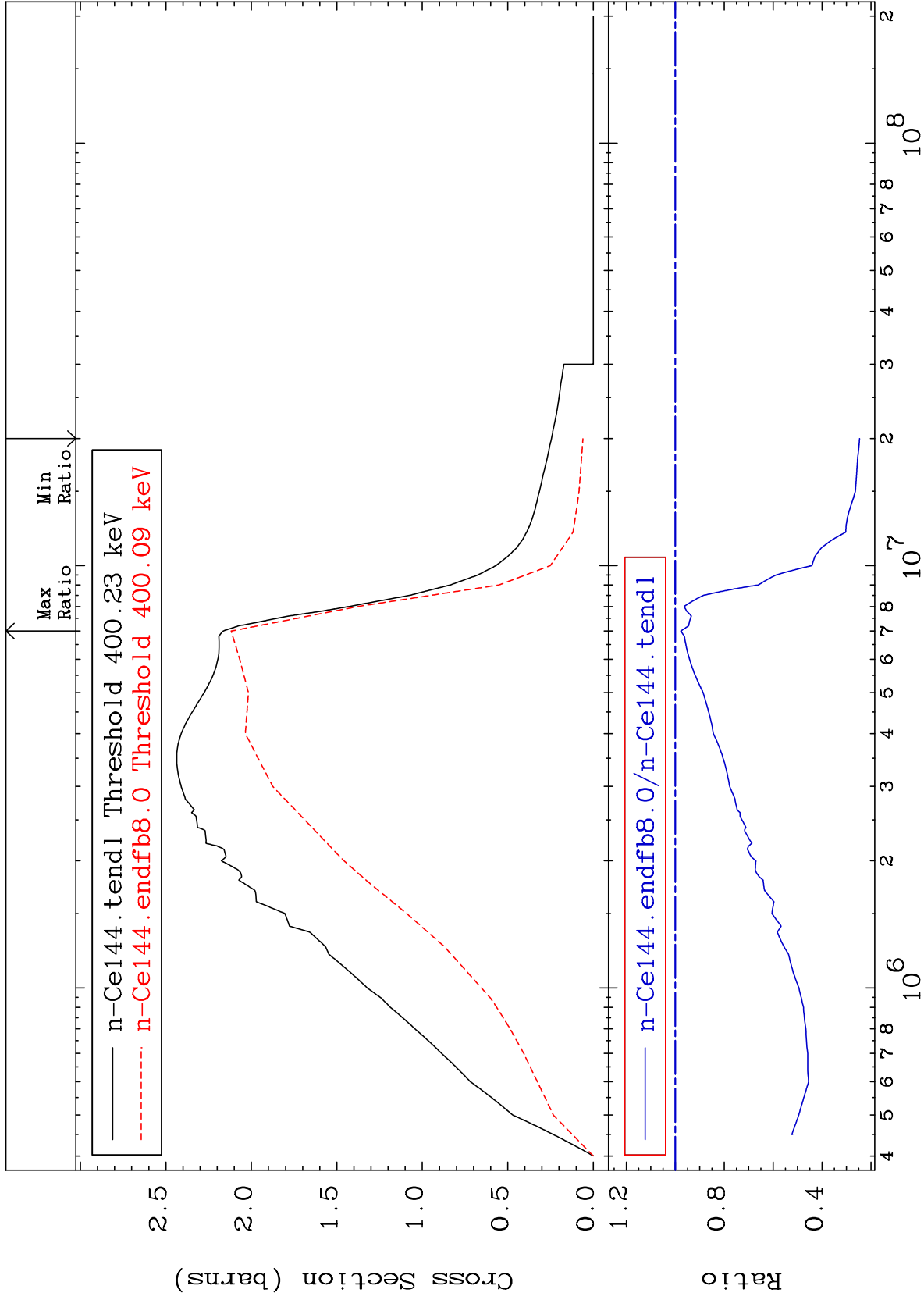


MAT 5849

Inelastic
Cross Section

58-Ce-144

-75.34 To -2.235%



3

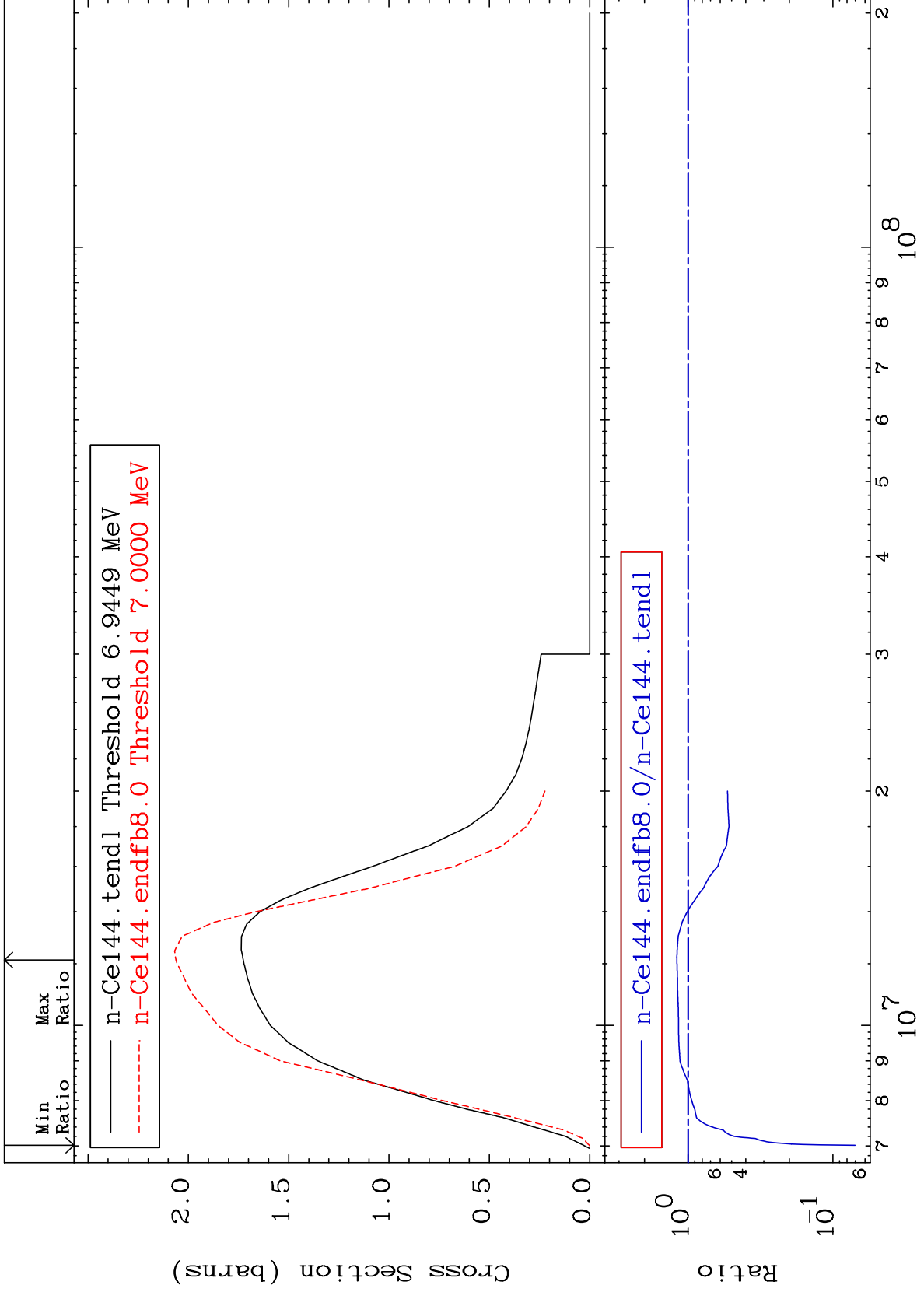
Incident Energy (eV)

58-Ce-144

MAT 5849

(n,2n)
Cross Section

58-Ce-144
-92.98 To 19.43 %



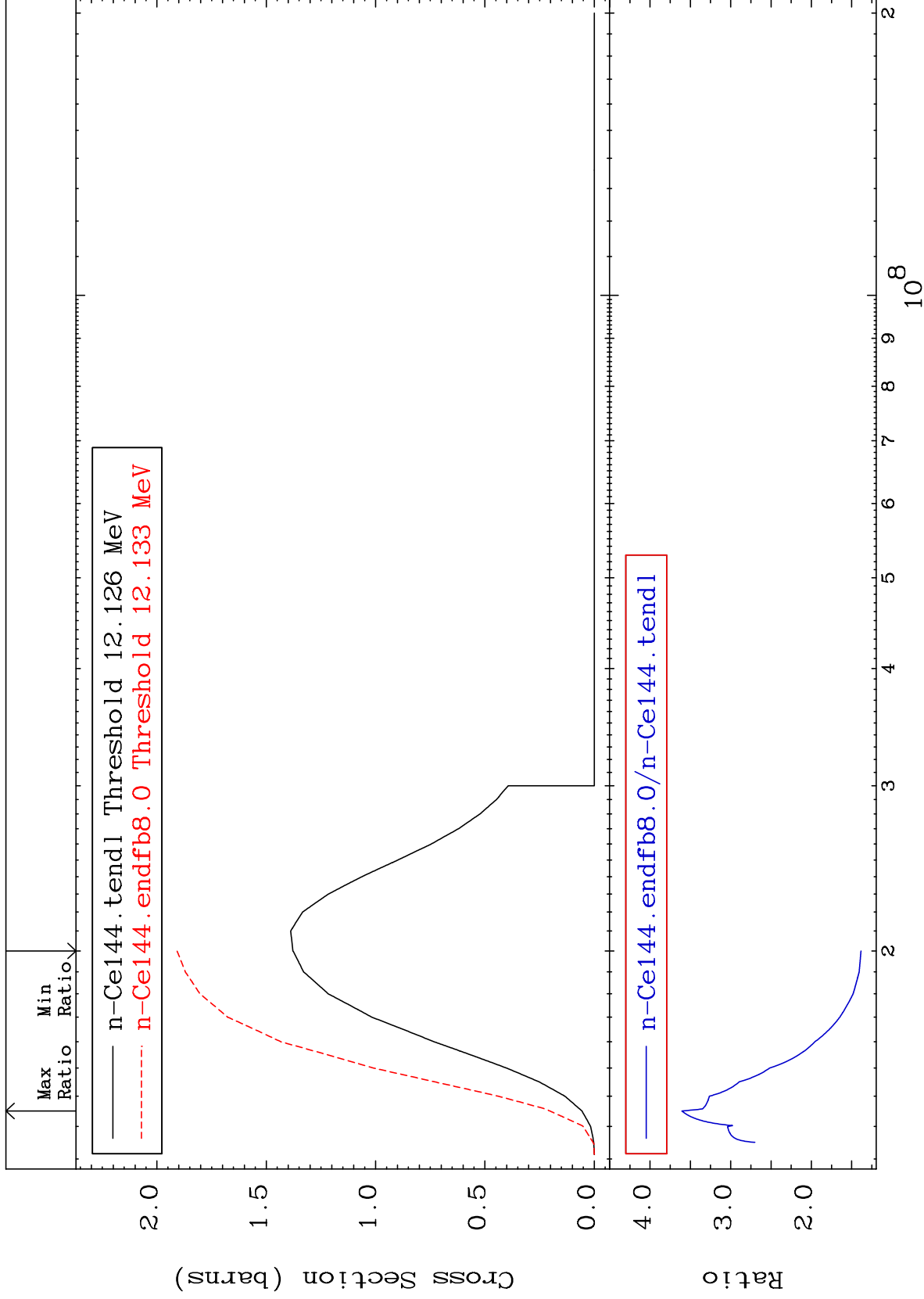
MAT 5849

(n,3n)

58-Ce-144

Cross Section

38.45 To 260.5 %



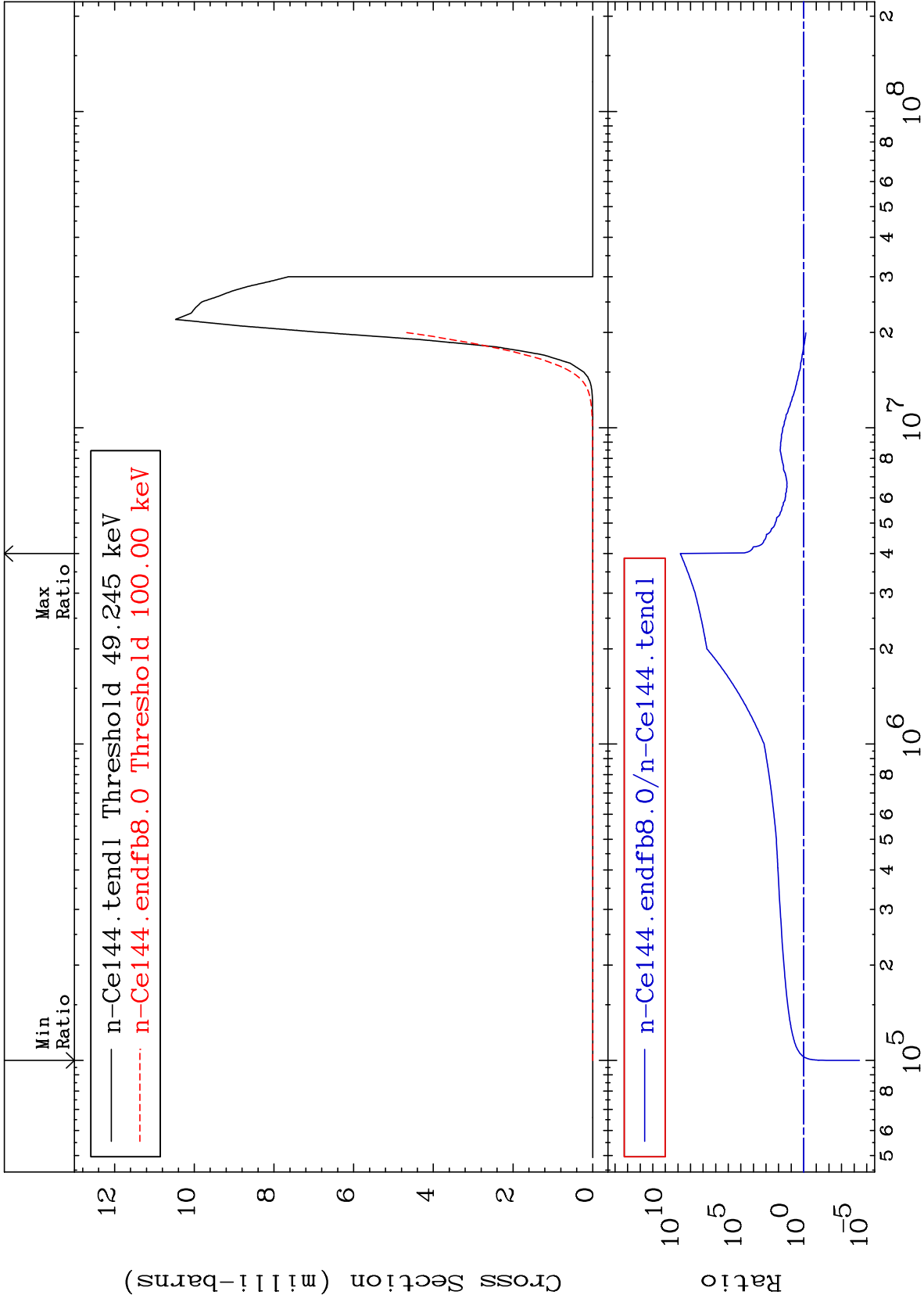
MAT 5849

(n, n') α

58-Ce-144

Cross Section

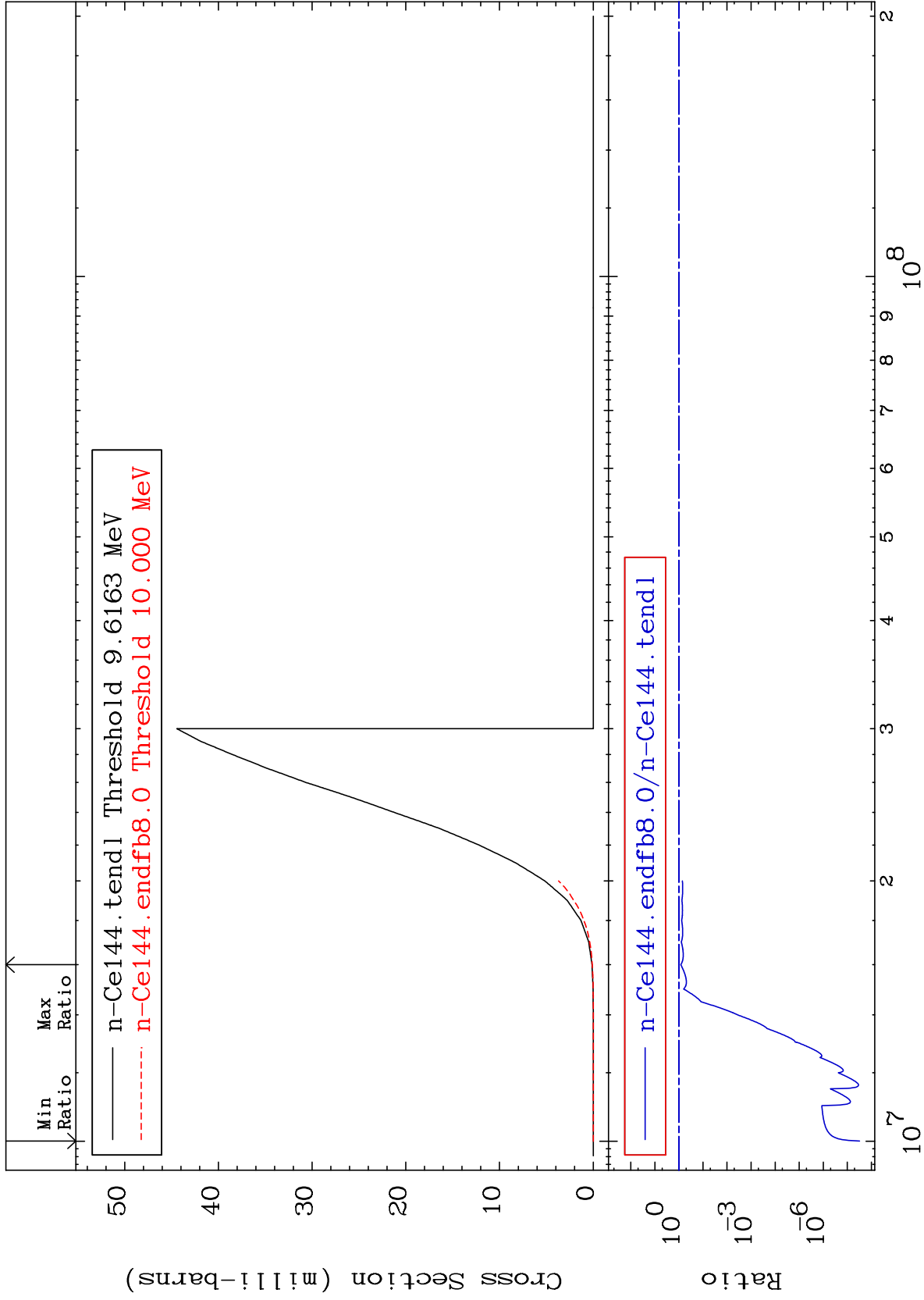
-100.0 To 9999. %



MAT 5849

(n,n') p
Cross Section

58-Ce-144
-100.0 To -16.26%



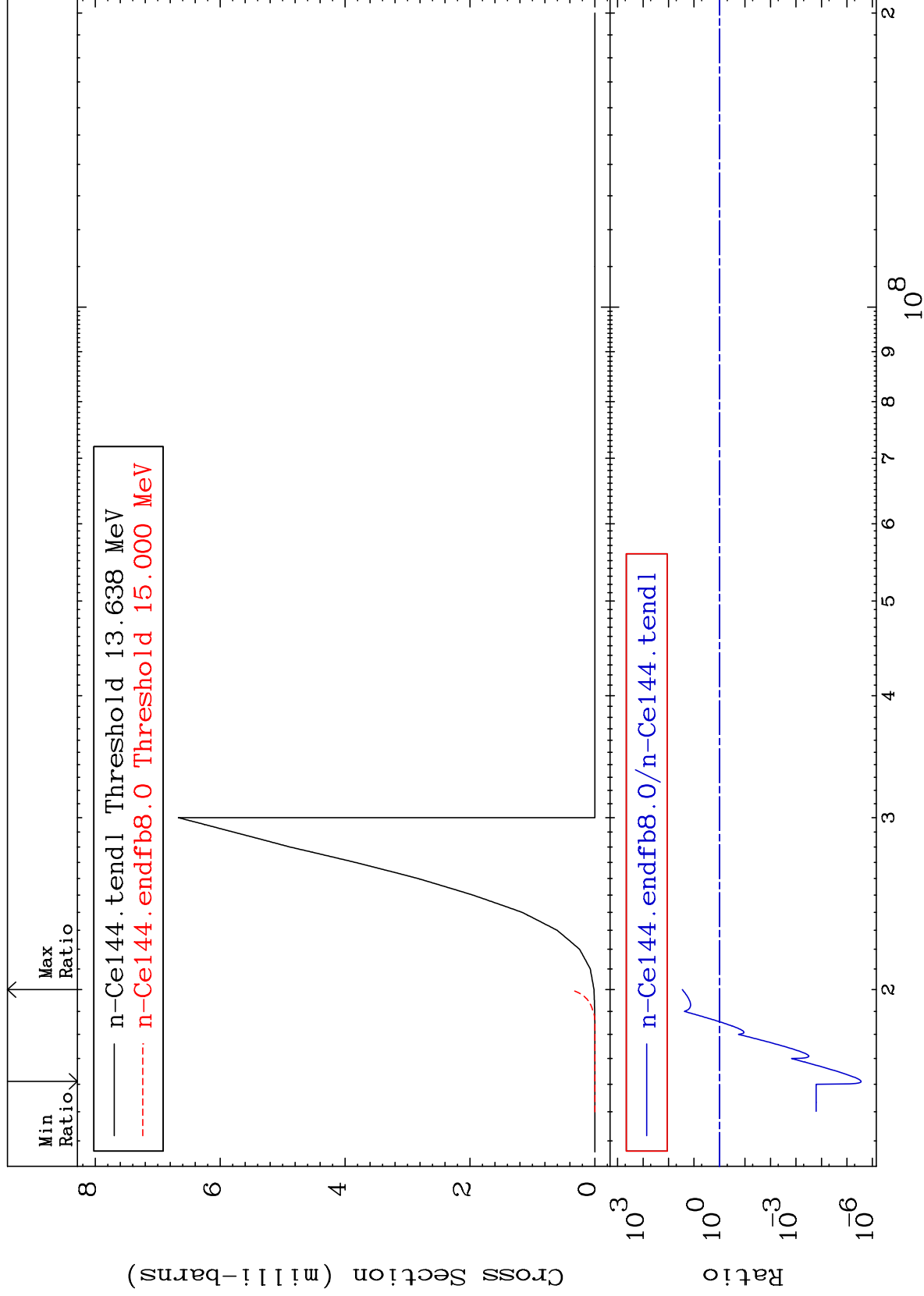
58-Ce-144

Incident Energy (eV)

MAT 5849

(n,n') d
Cross Section

58-Ce-144
-100.0 To 2781. %



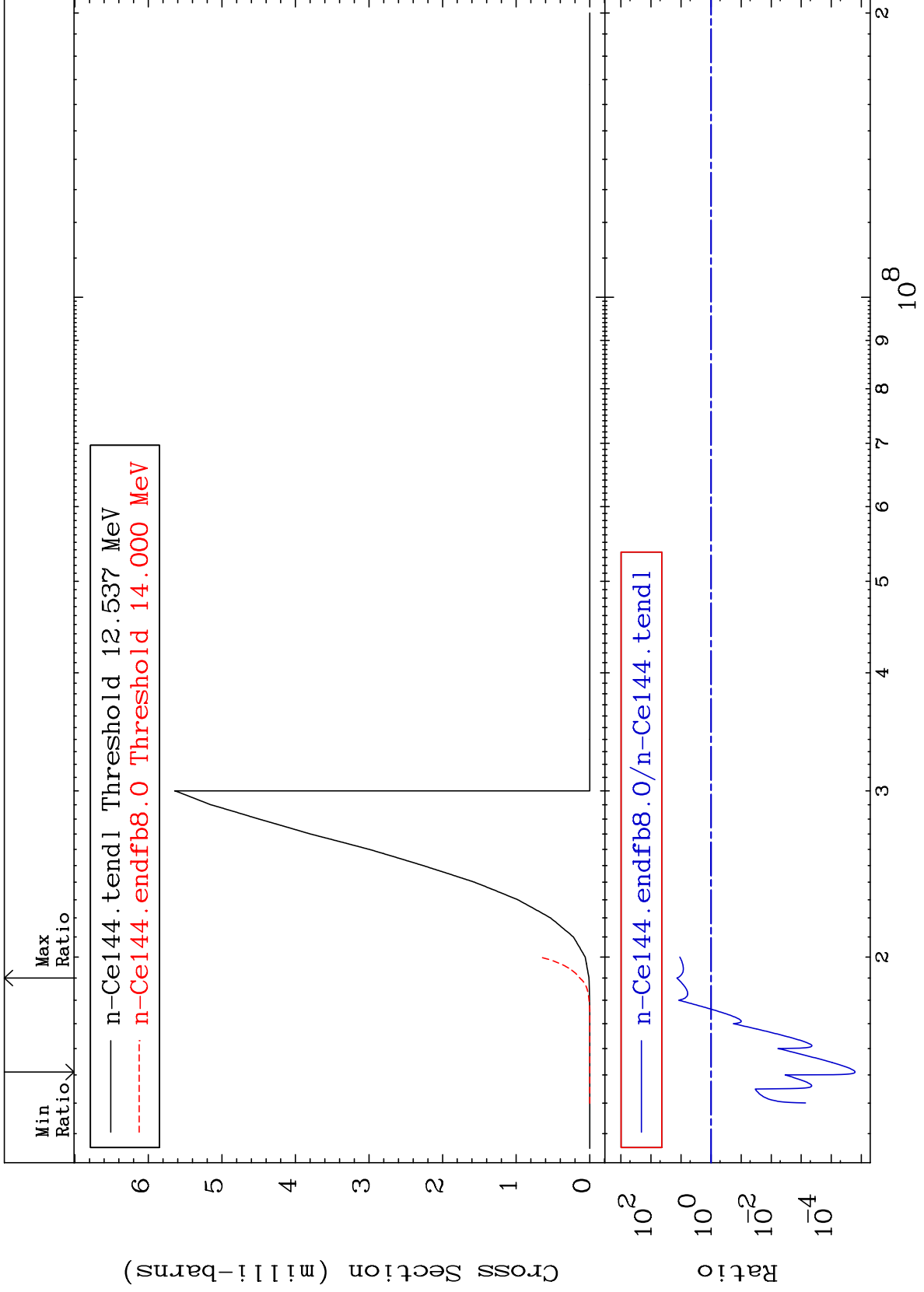
MAT 5849

(n,n') t

58-Ce-144

Cross Section

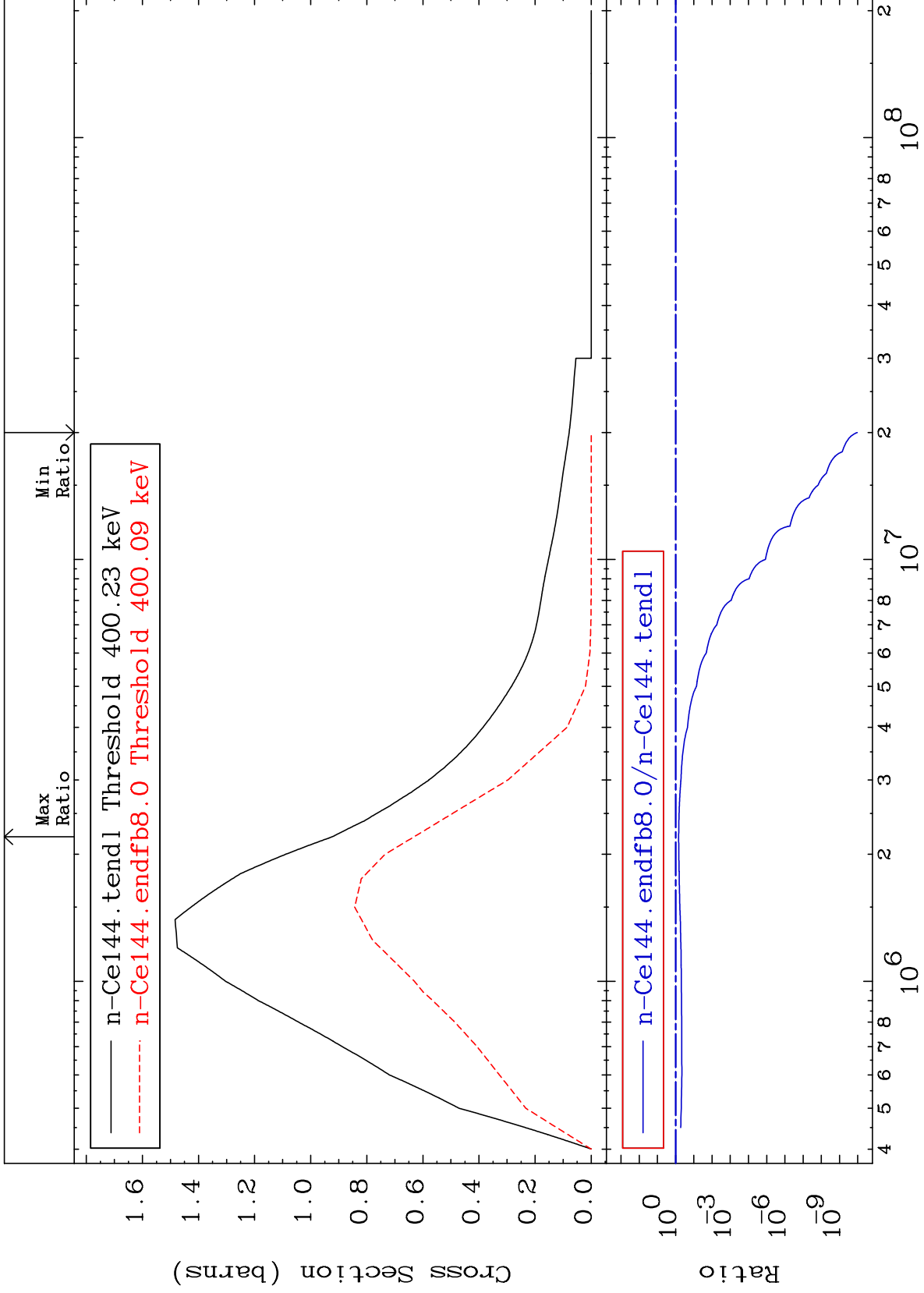
-100.0 To 1271. %



MAT 5849

MT= 51 (n,n') Level
Cross Section

58-Ce-144
-100.0 To -31.55%



10

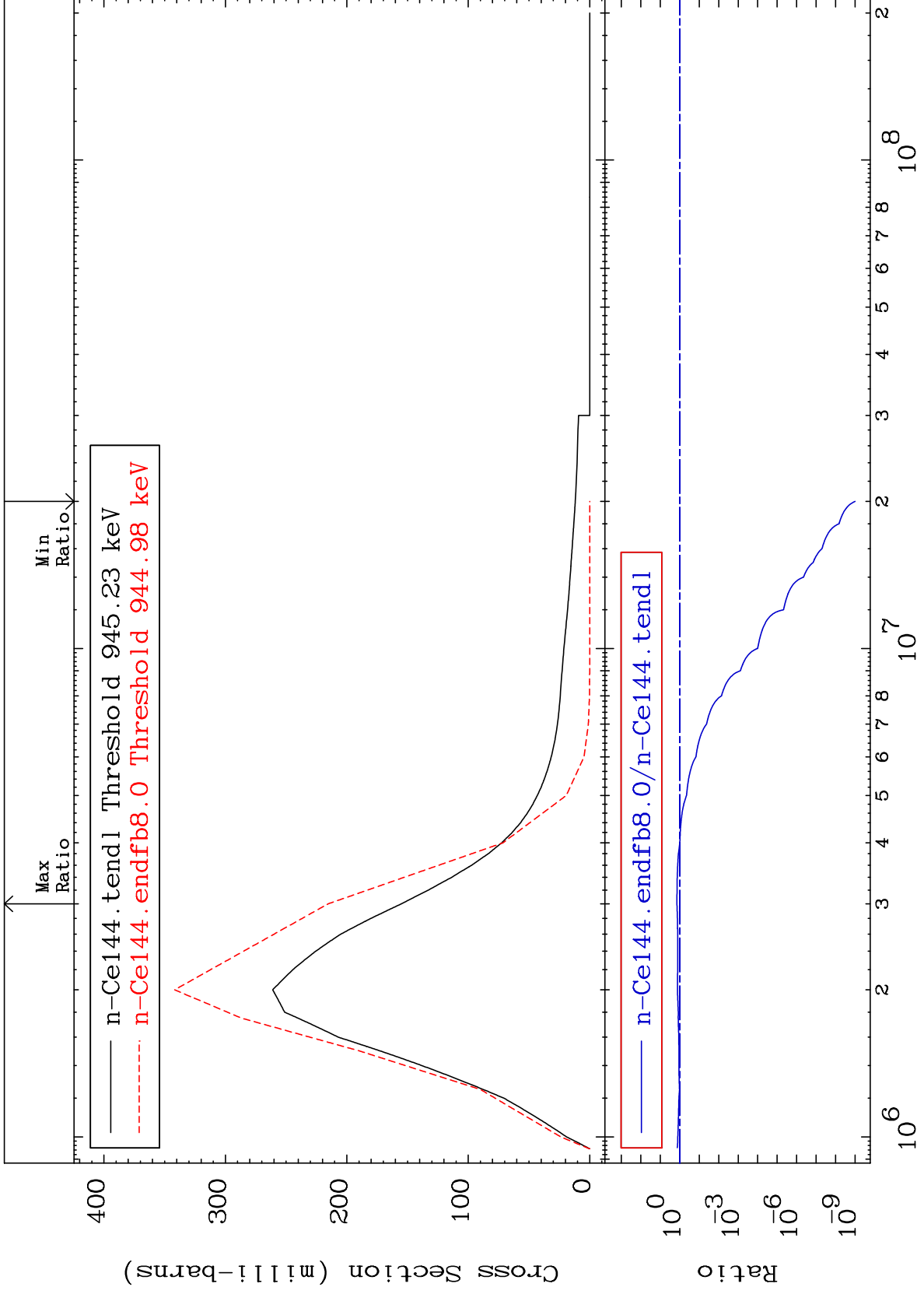
Incident Energy (eV)

58-Ce-144

MAT 5849

MT= 52 (n,n') Level
Cross Section

58-Ce-144
-100.0 To 38.96 %



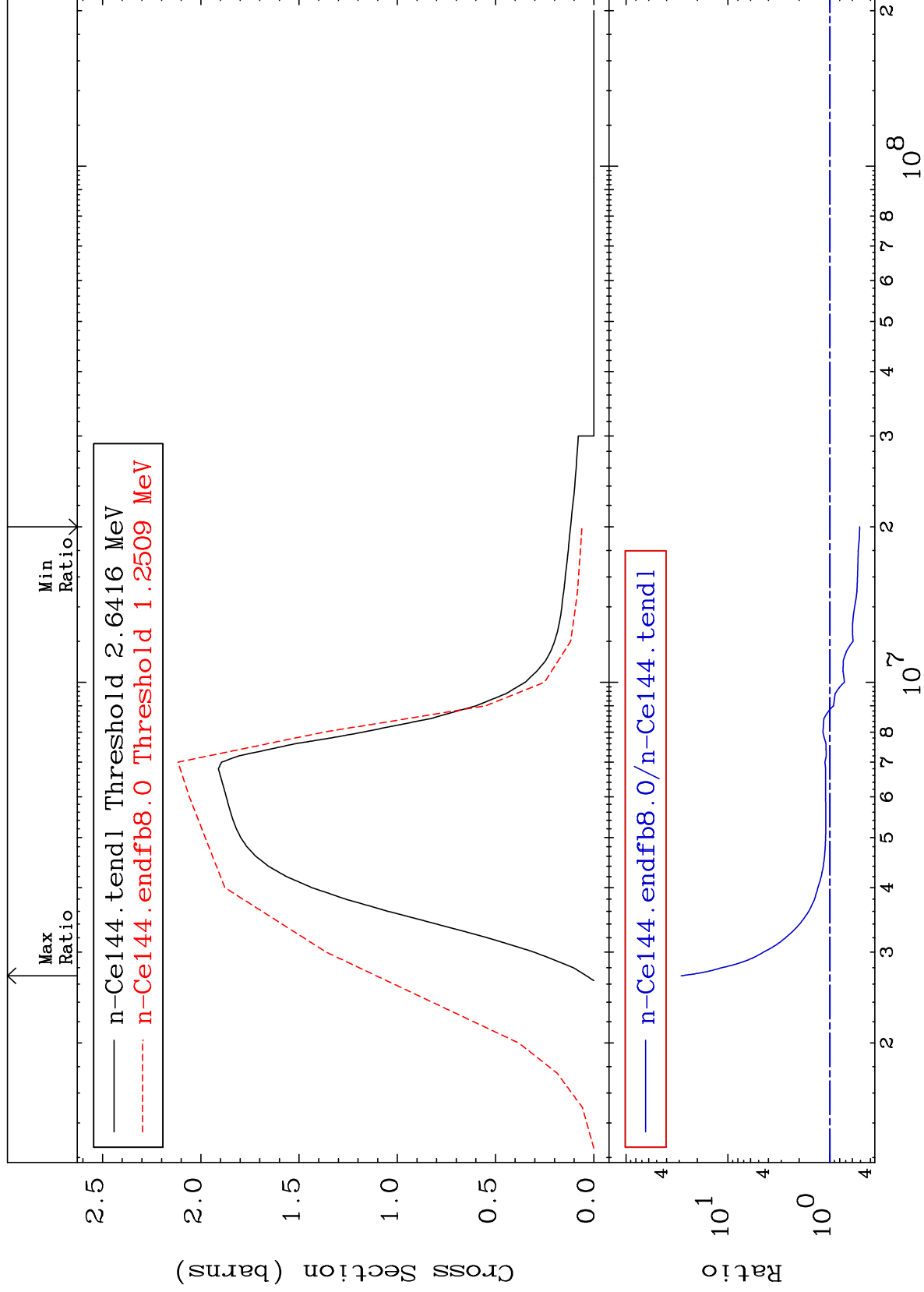
Incident Energy (eV)

58-Ce-144

MAT 5849

(n, n') Continuum
Cross Section

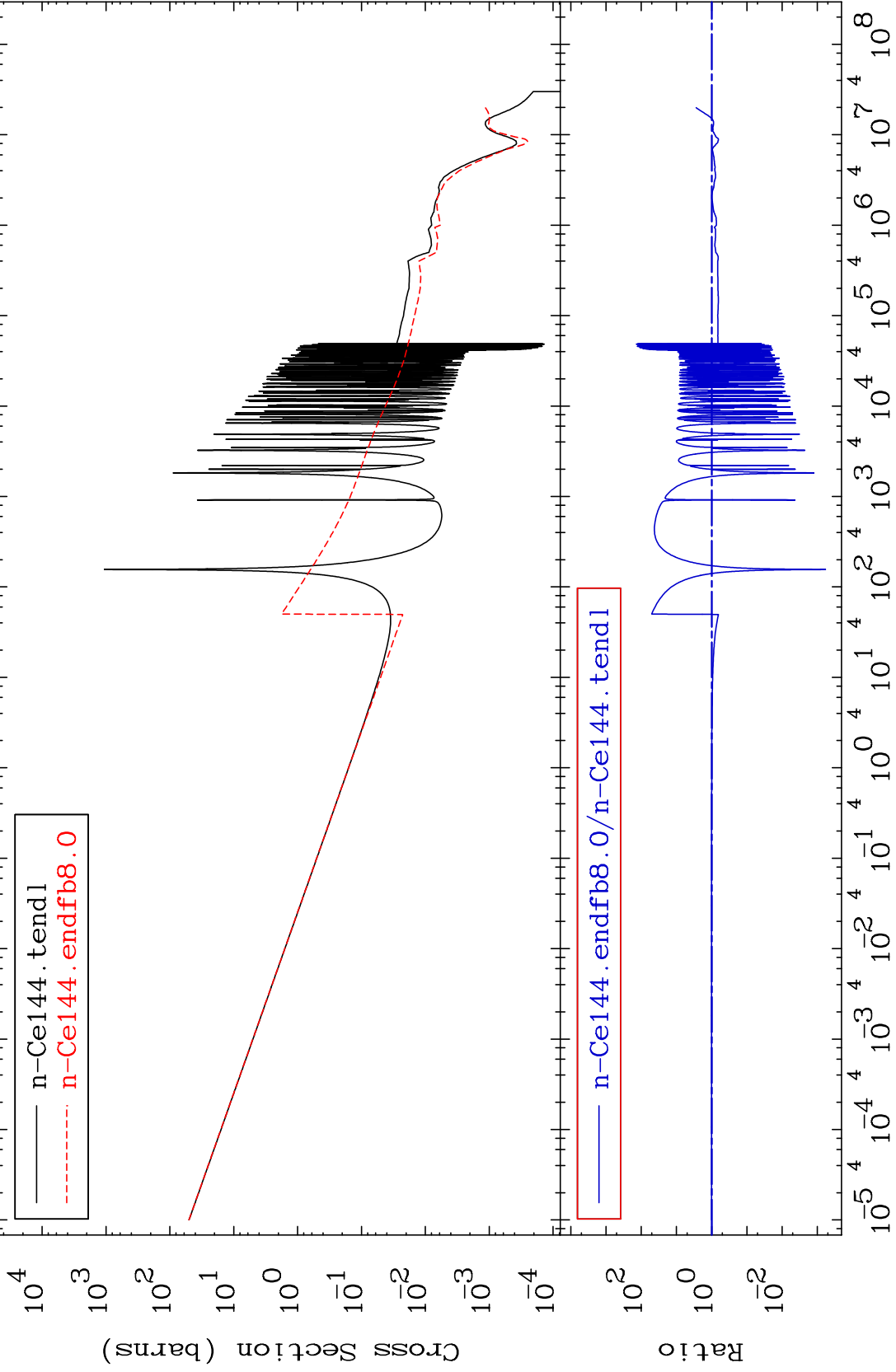
58-Ce-144
-48.99 To 2775. %



MAT 5849

(n, γ)
Cross Section

58-Ce-144
-99.94 To 9999. %



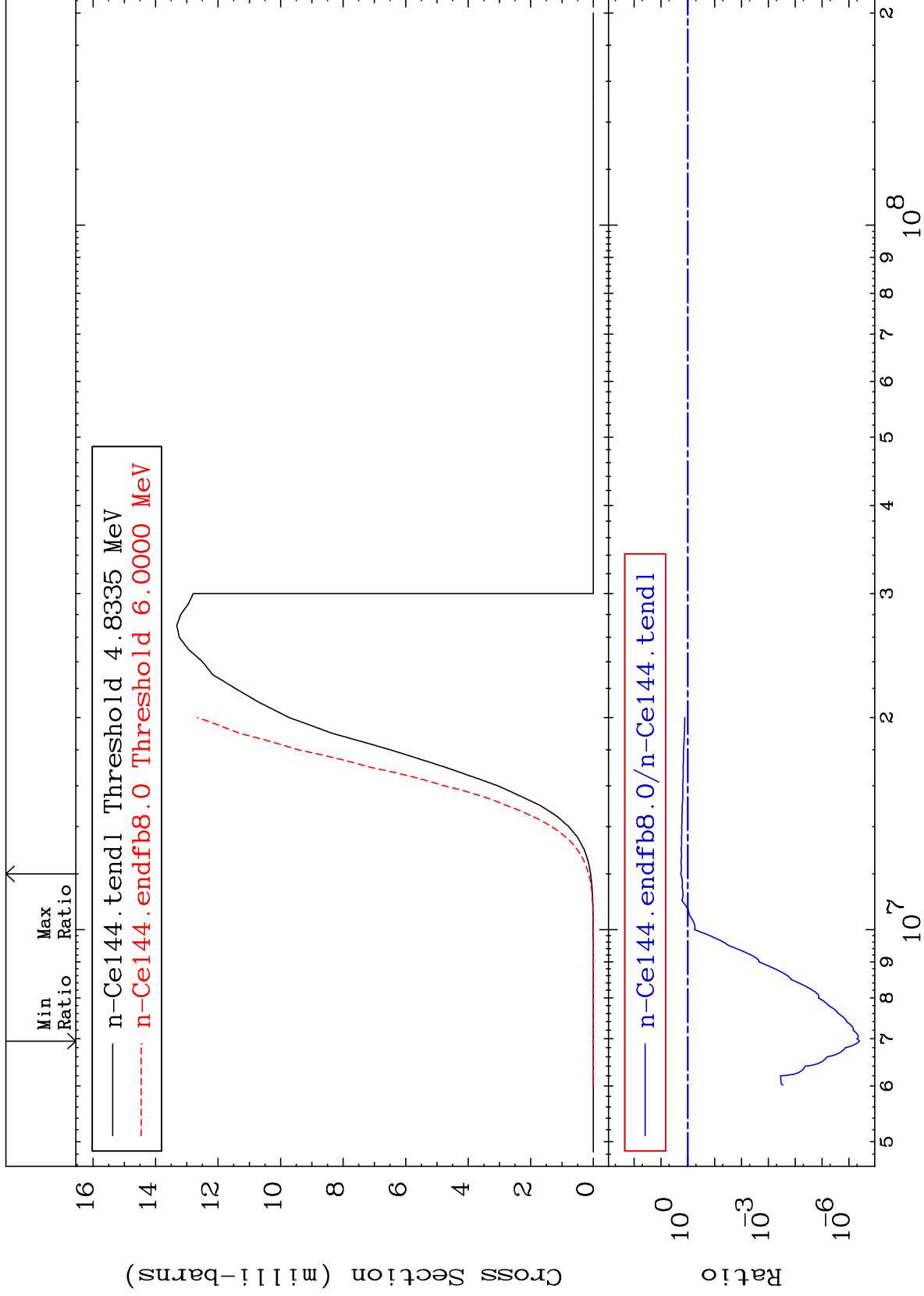
MAT 5849

(n,p)

58-Ce-144

Cross Section

-100.0 To 83.91 %



14

Incident Energy (eV)

58-Ce-144

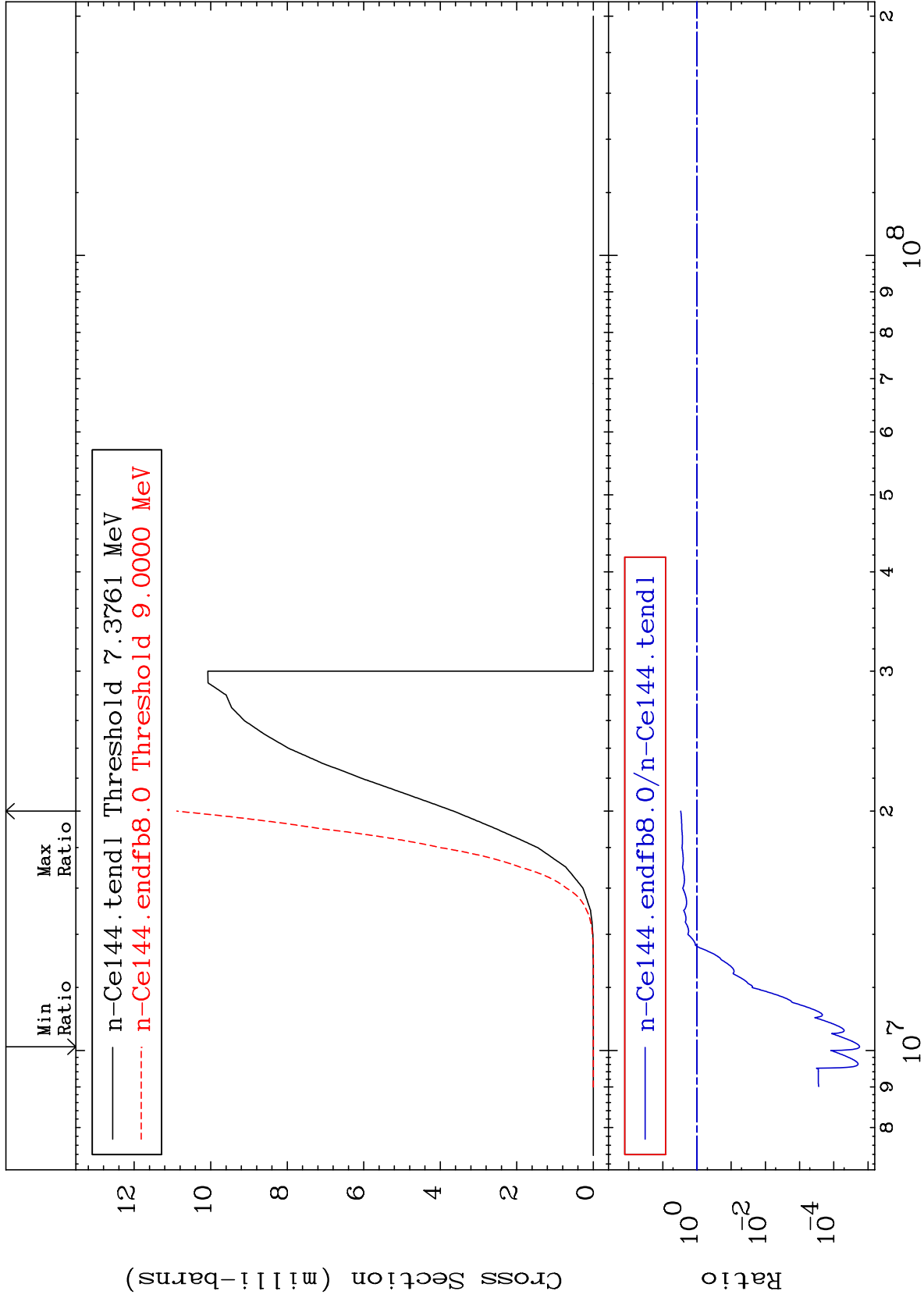
MAT 5849

(n, d)

58-Ce-144

Cross Section

-100.0 To 198.0 %



15

Incident Energy (eV)

58-Ce-144

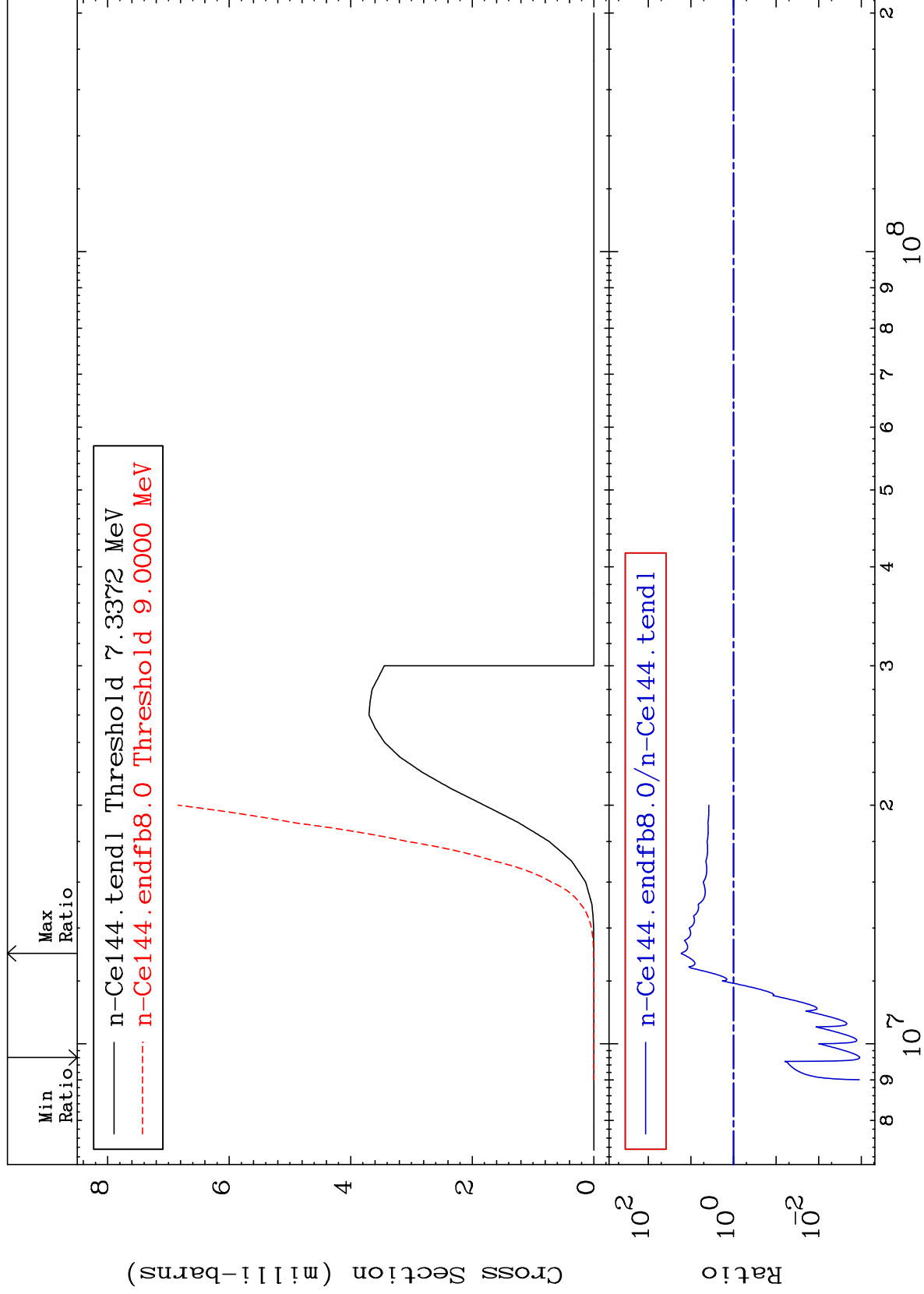
MAT 5849

(n, t)

58-Ce-144

Cross Section

-99.89 To 1593. %



16

Incident Energy (eV)

58-Ce-144

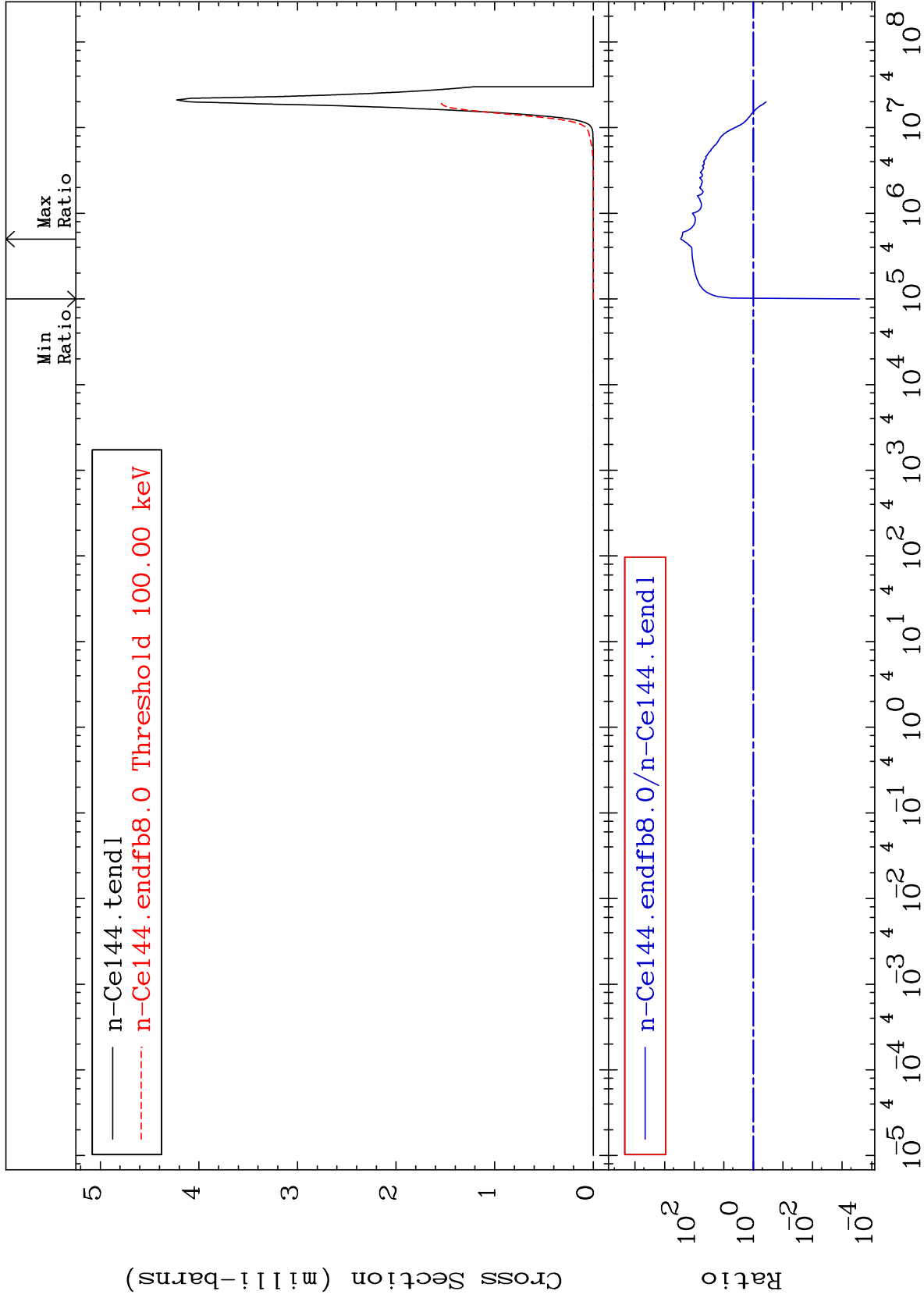
MAT 5849

(n, α)

58-Ce-144

Cross Section

-99.97 To 9999. %



17

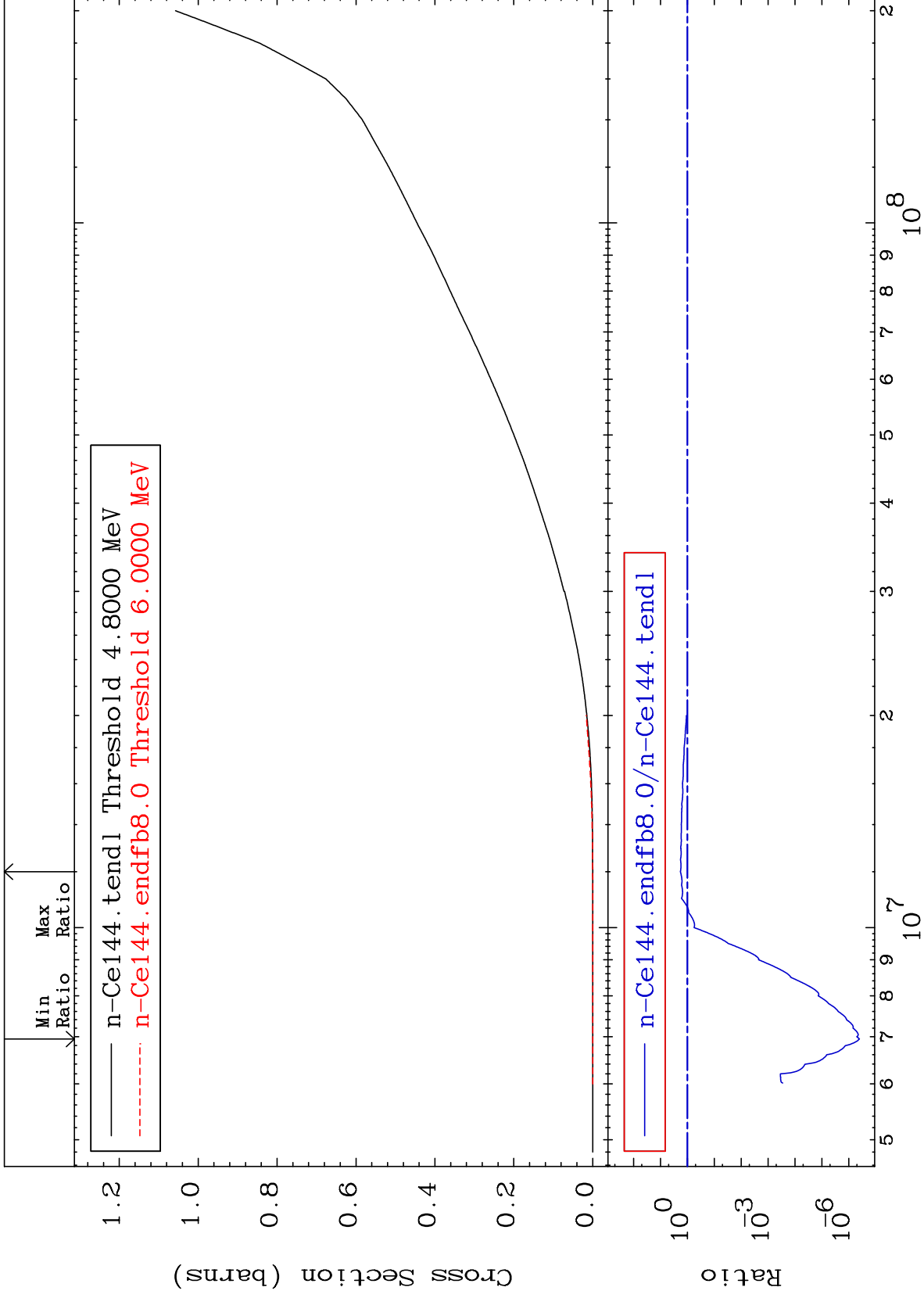
Incident Energy (eV)

58-Ce-144

MAT 5849

Hydrogen Production
Cross Section

58-Ce-144
-100.0 To 83.91 %



18

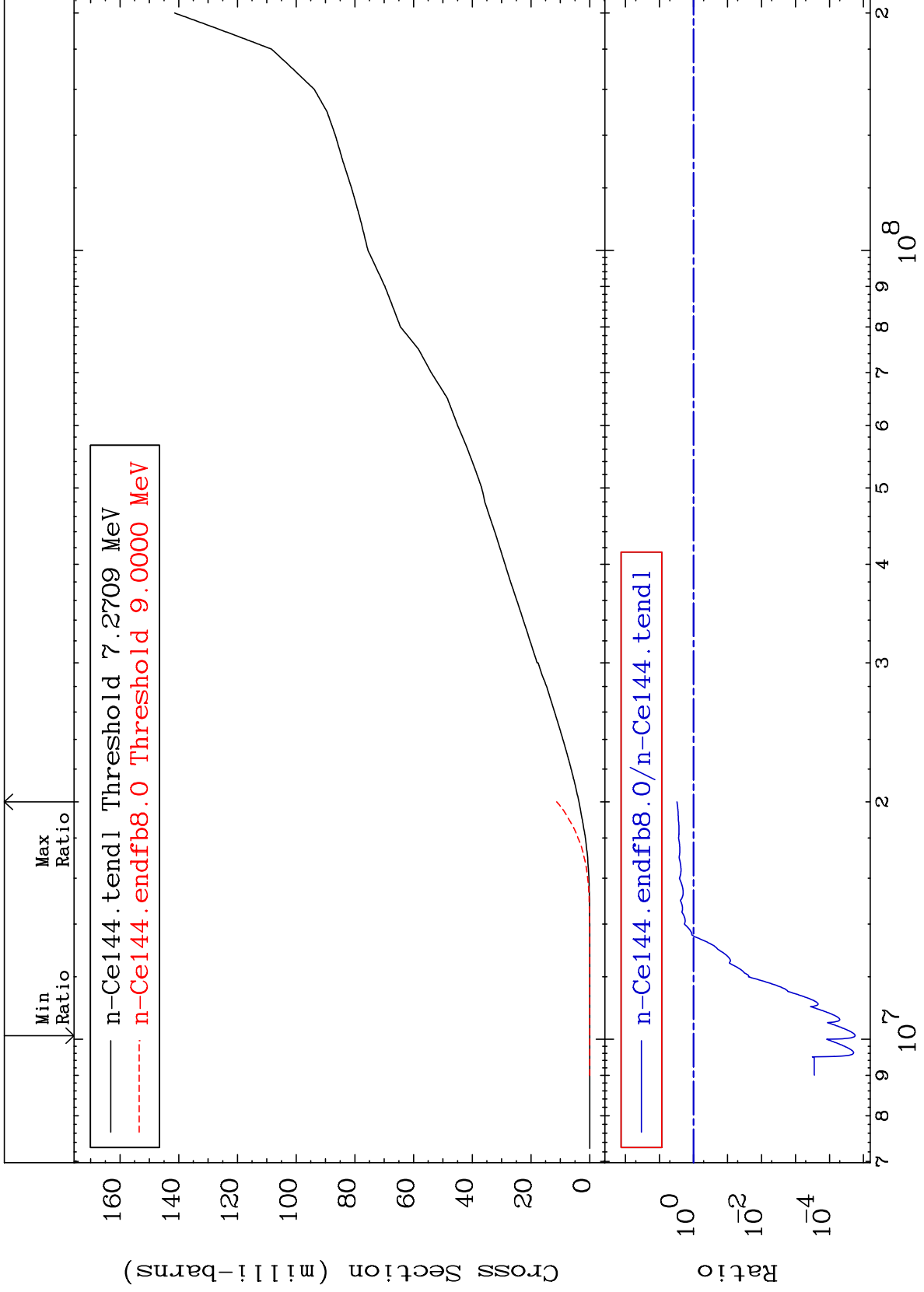
Incident Energy (eV)

58-Ce-144

MAT 5849

Deuterium Production
Cross Section

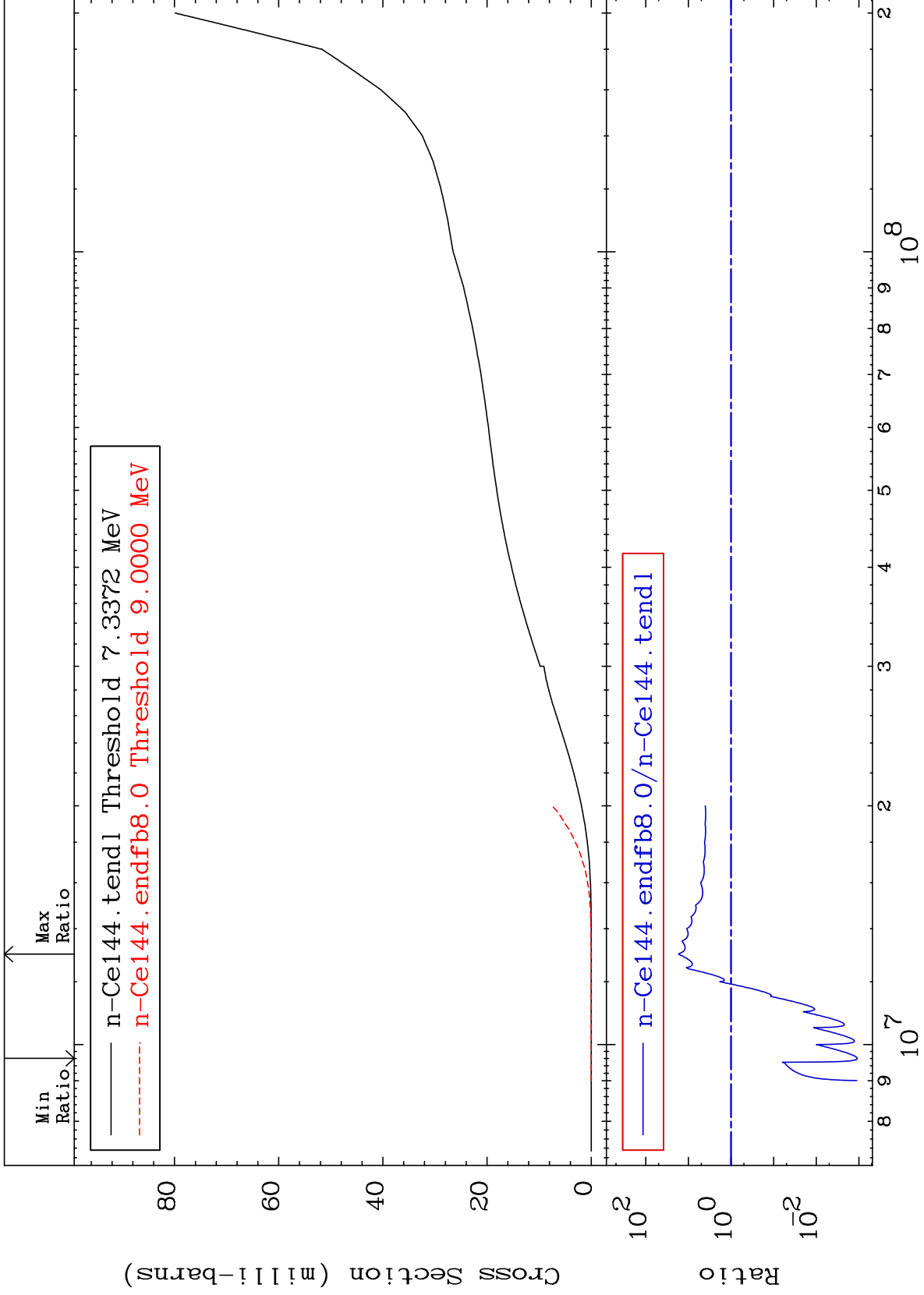
58-Ce-144
-100.0 To 207.2 %



MAT 5849

Tritium Production
Cross Section

58-Ce-144
-99.89 To 1593. %



20

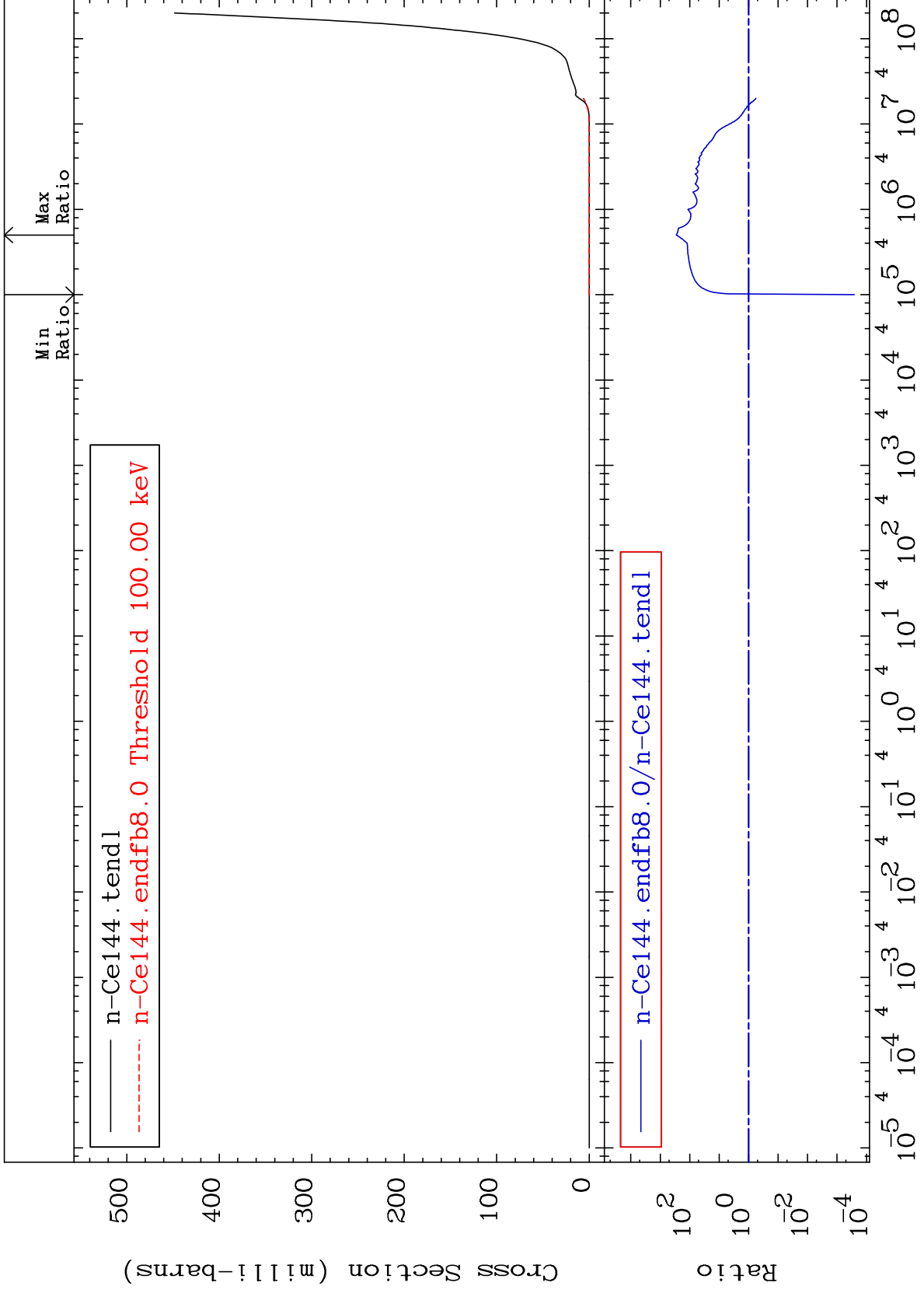
Incident Energy (eV)

58-Ce-144

MAT 5849

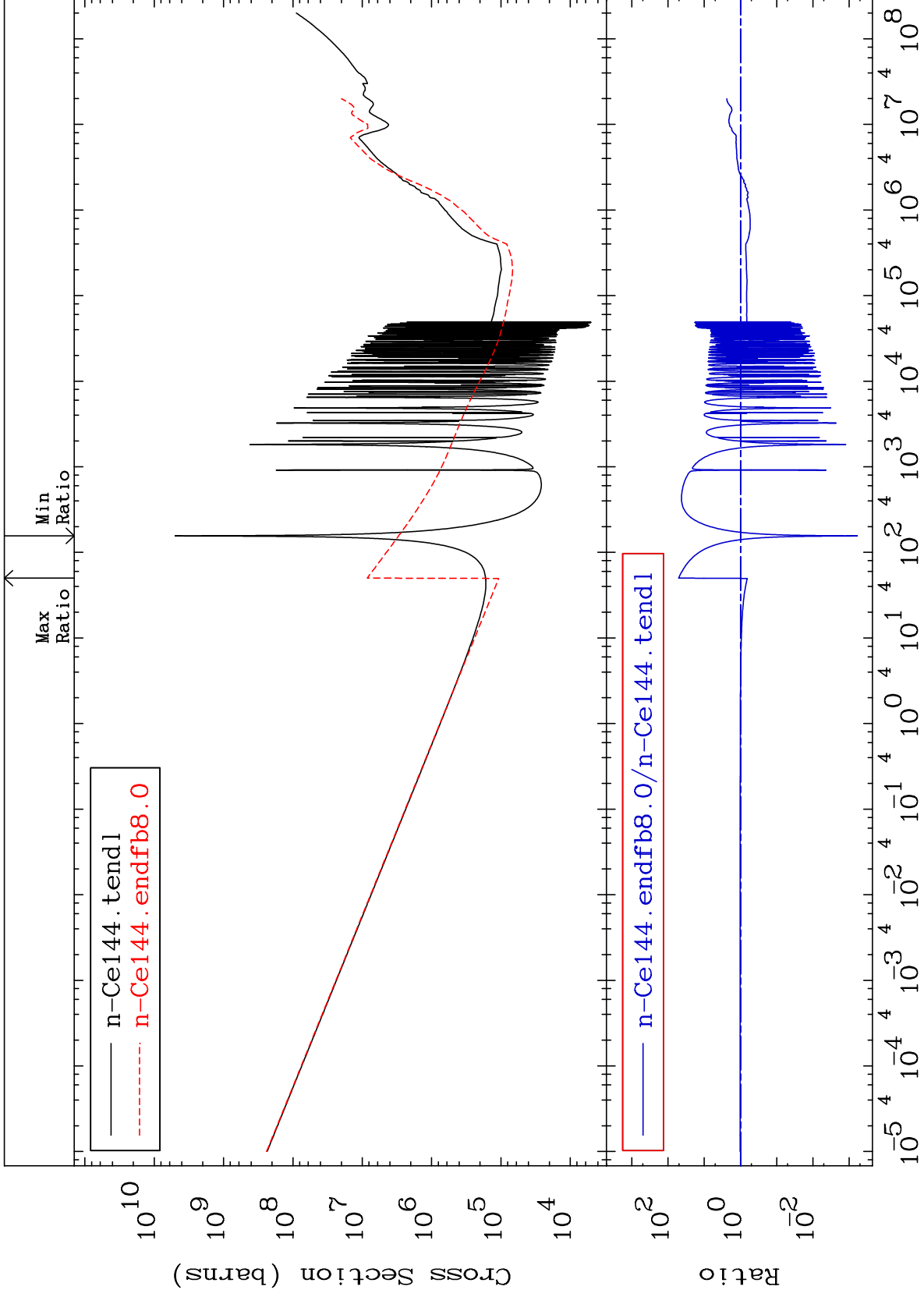
He-4 Production
Cross Section

58-Ce-144
-99.97 To 9999. %



21

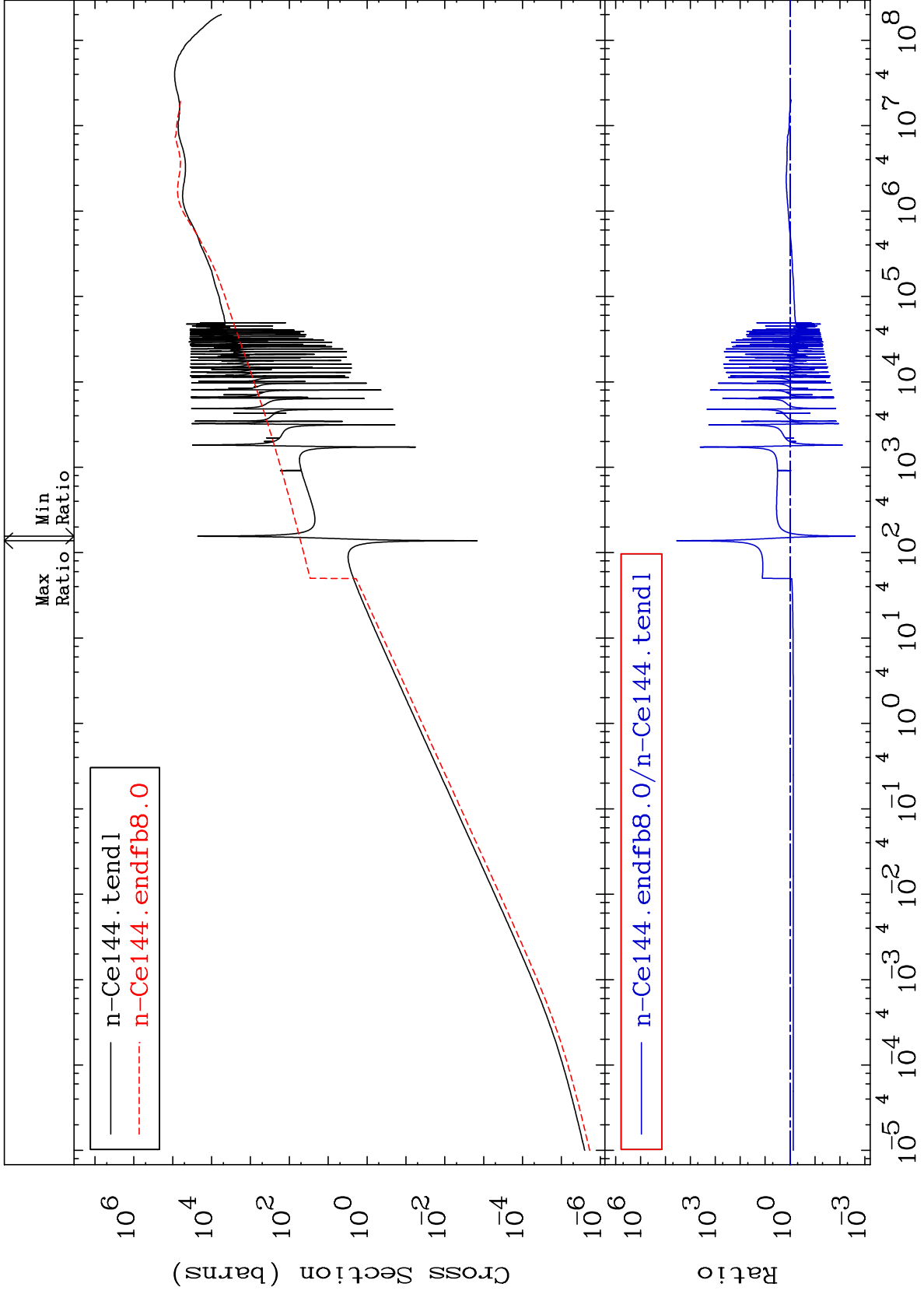
58-Ce-144

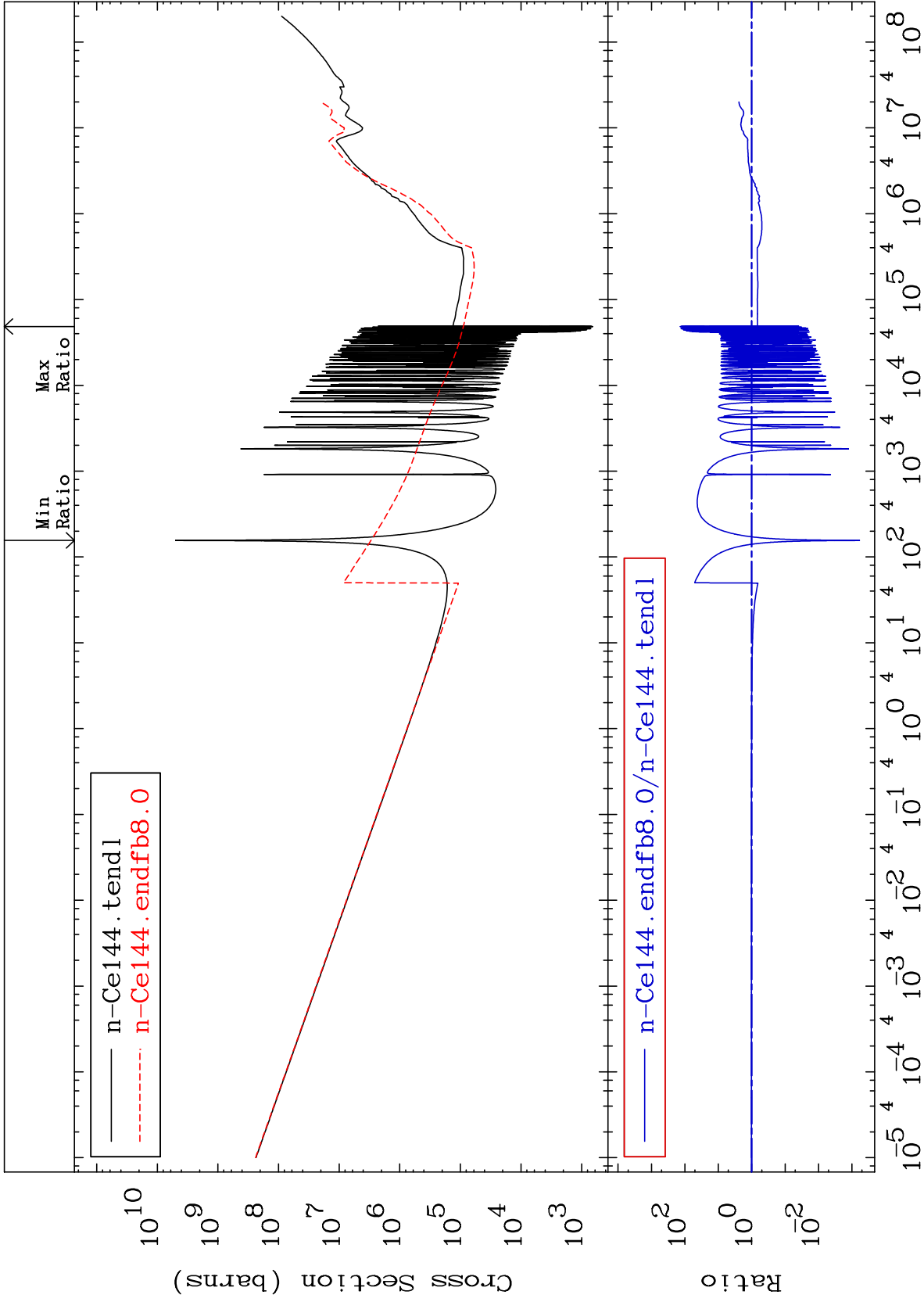


MAT 5849

Kerma elastic
Cross Section

58-Ce-144
-99.76 To 9999. %

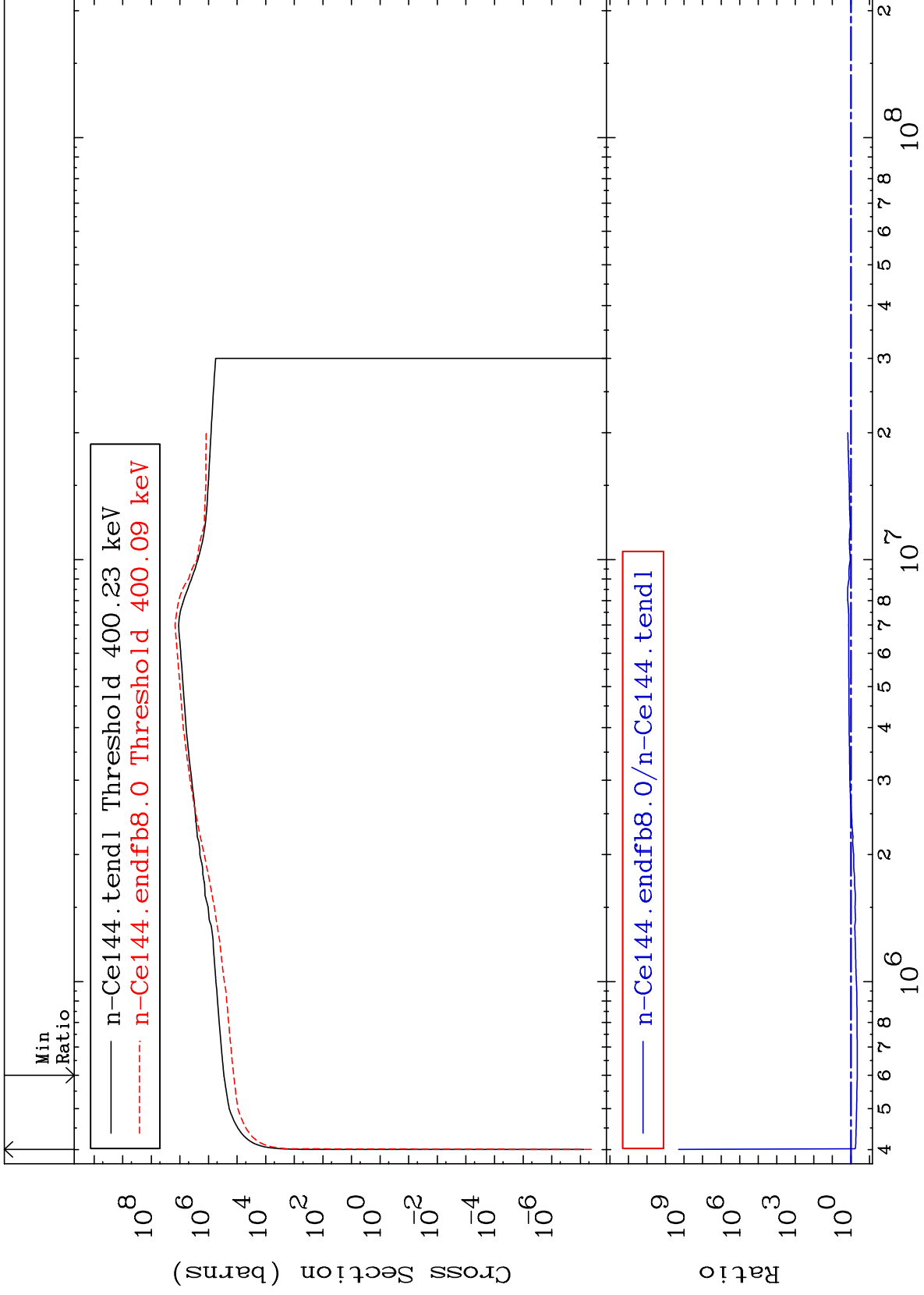




MAT 5849

Kerma inelastic (mt51-91)
Cross Section

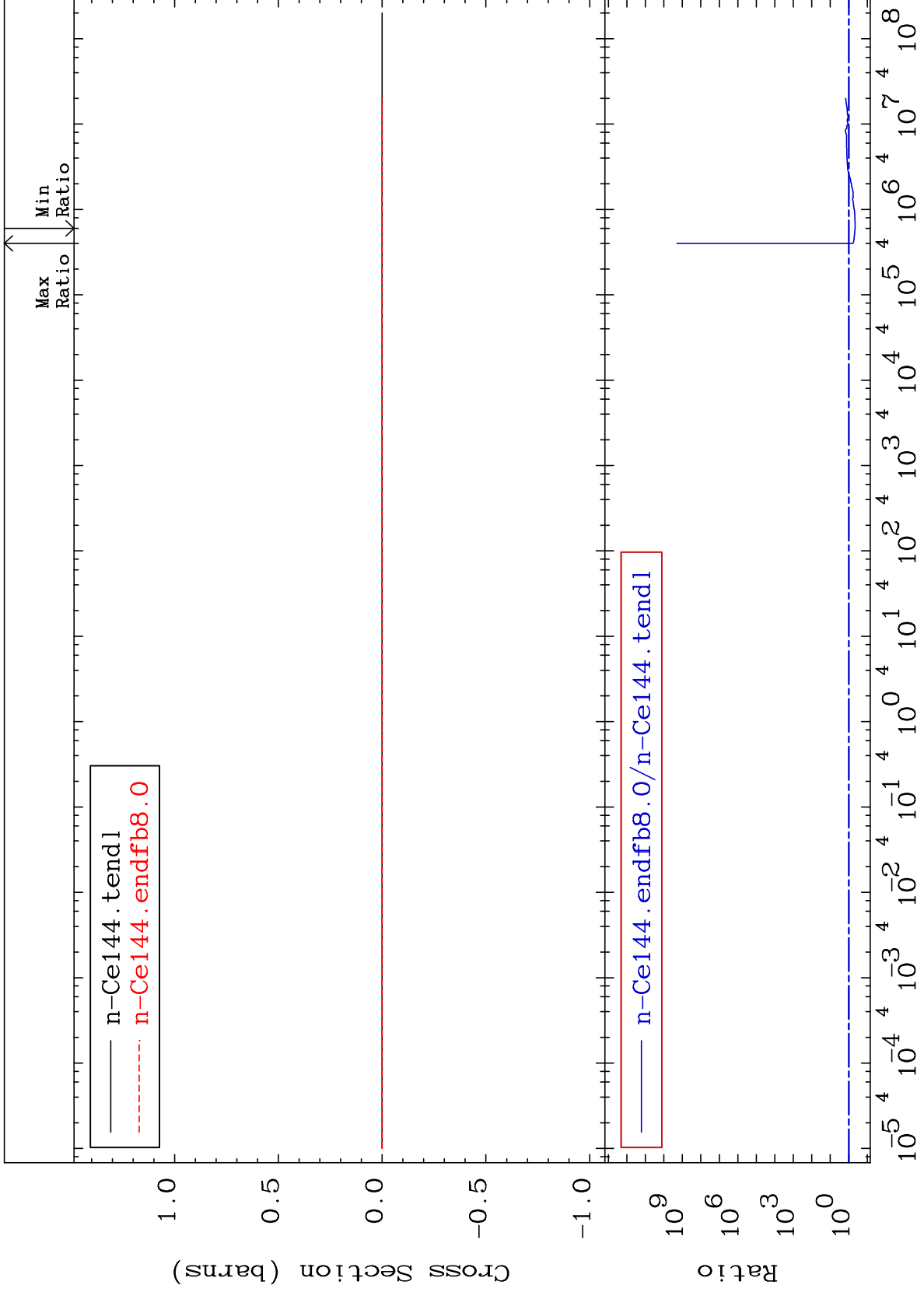
58-Ce-144
-54.46 To 9999. %

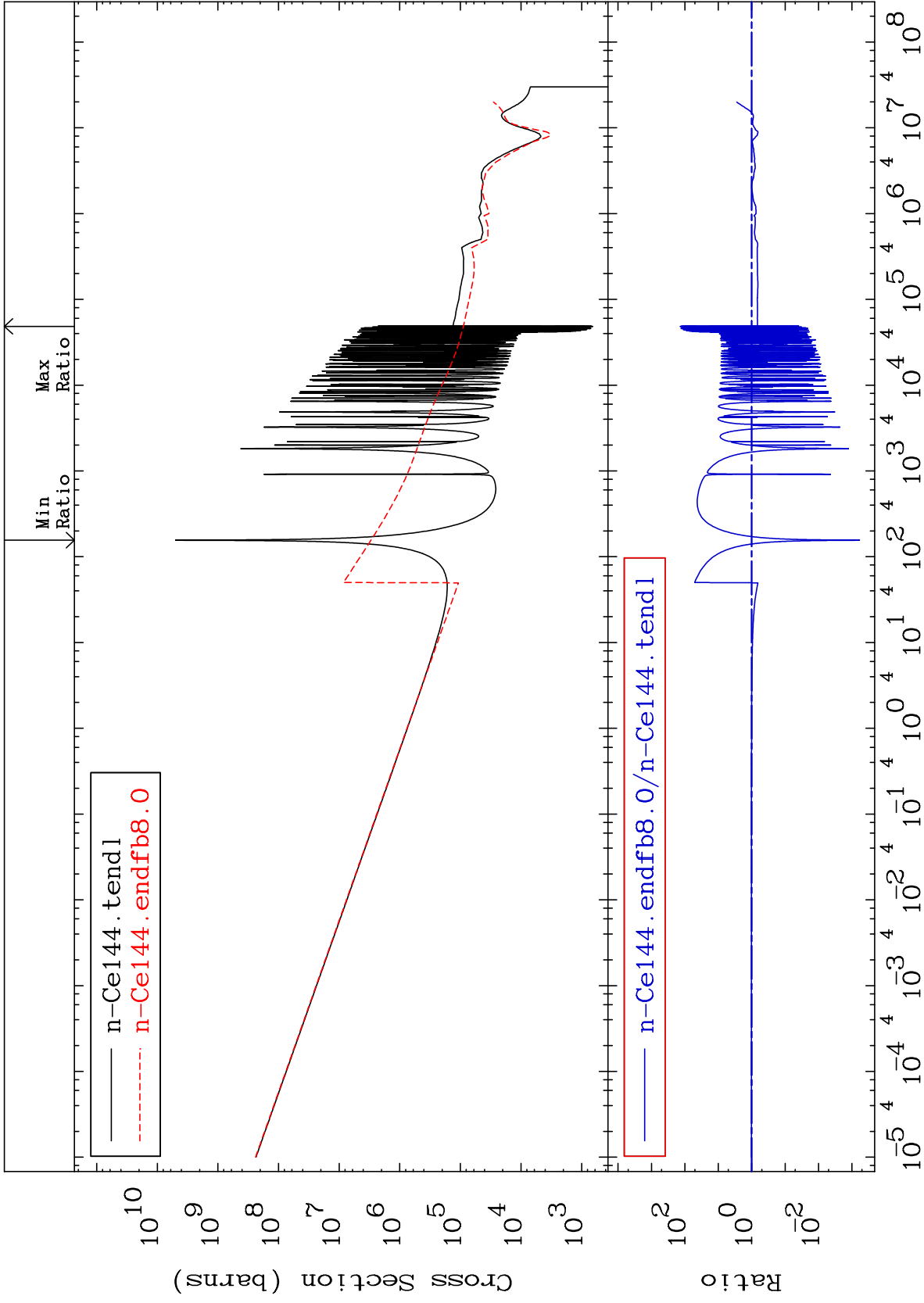


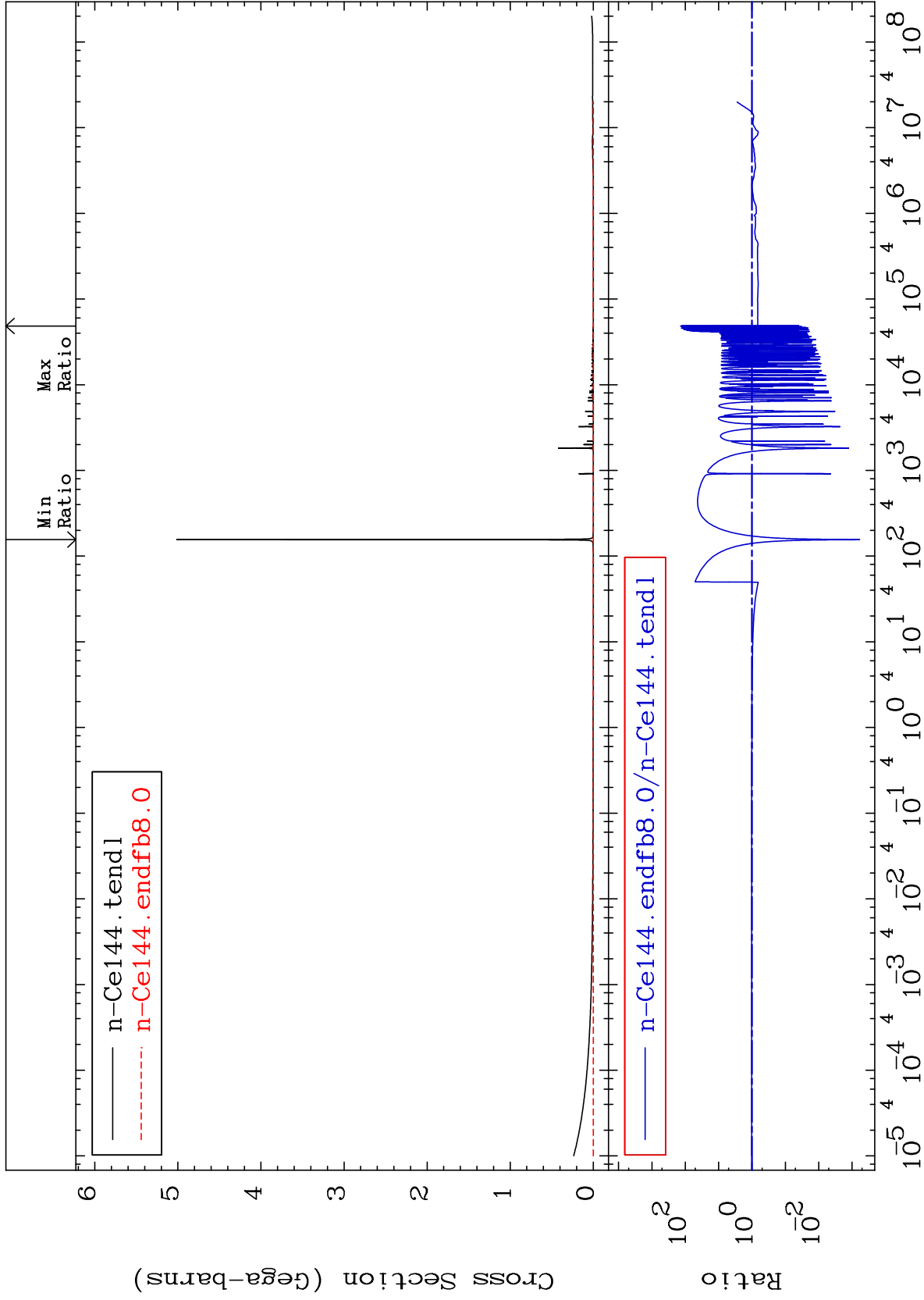
MAT 5849

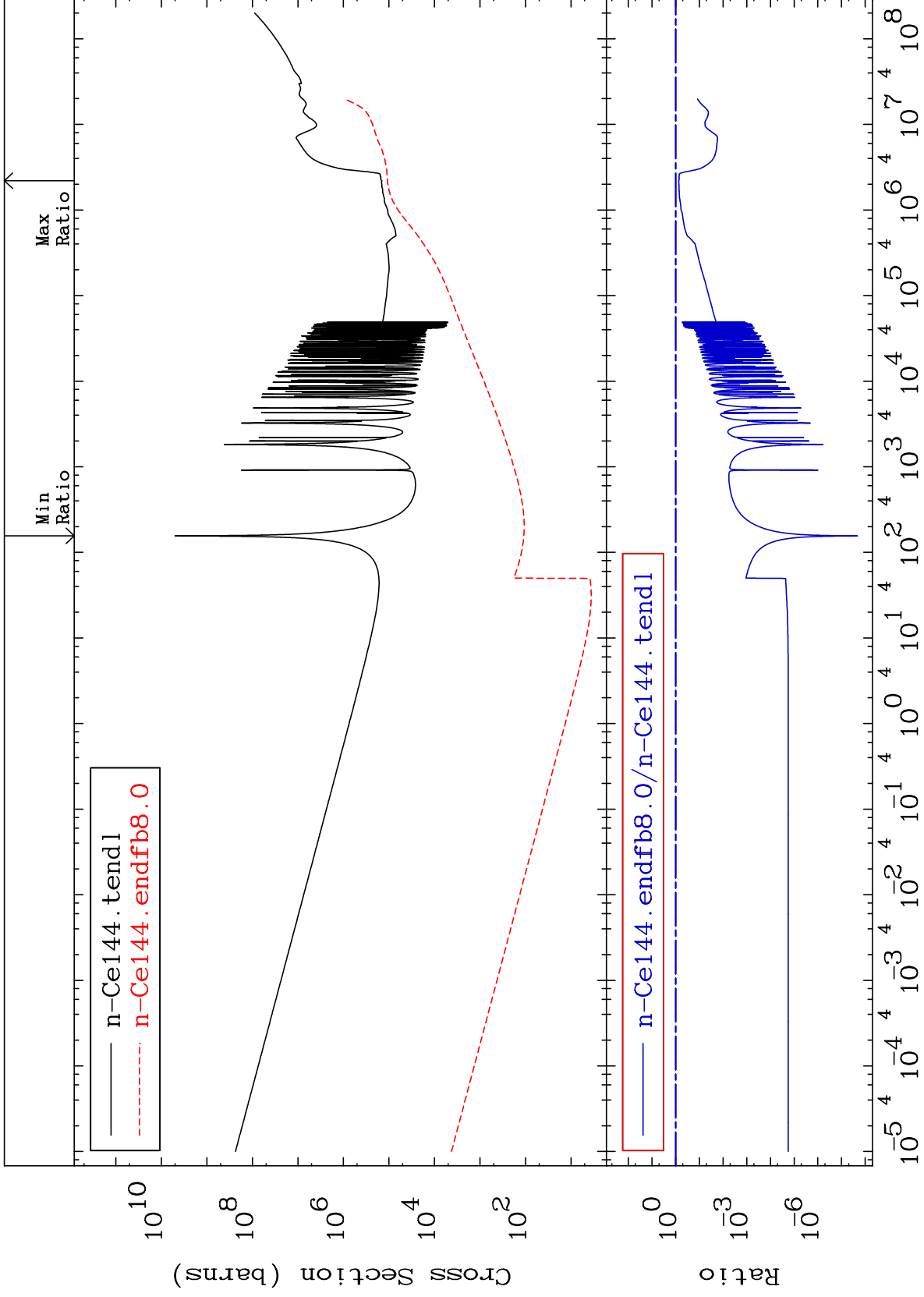
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

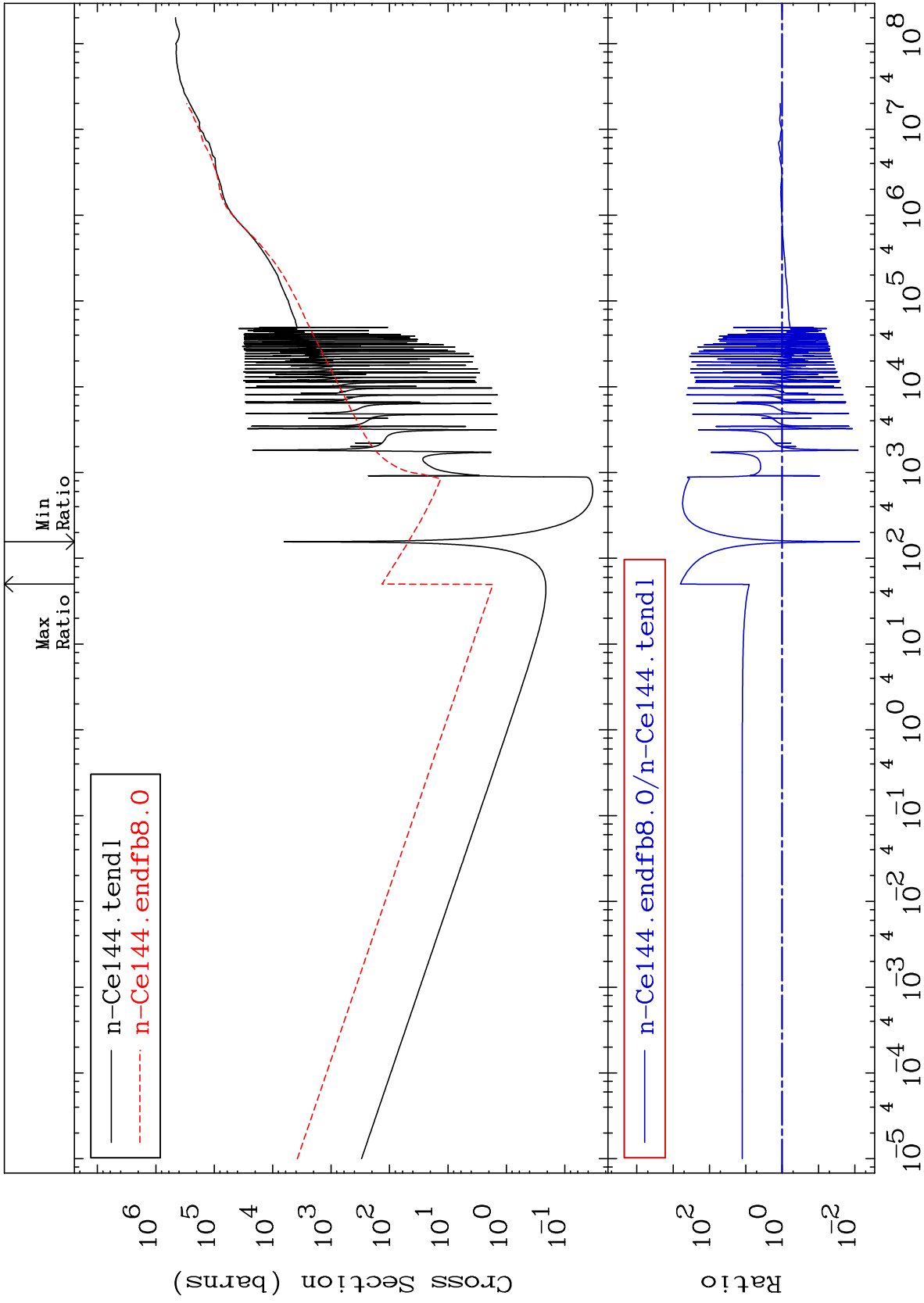
58-Ce-144
-54.46 To 9999. %







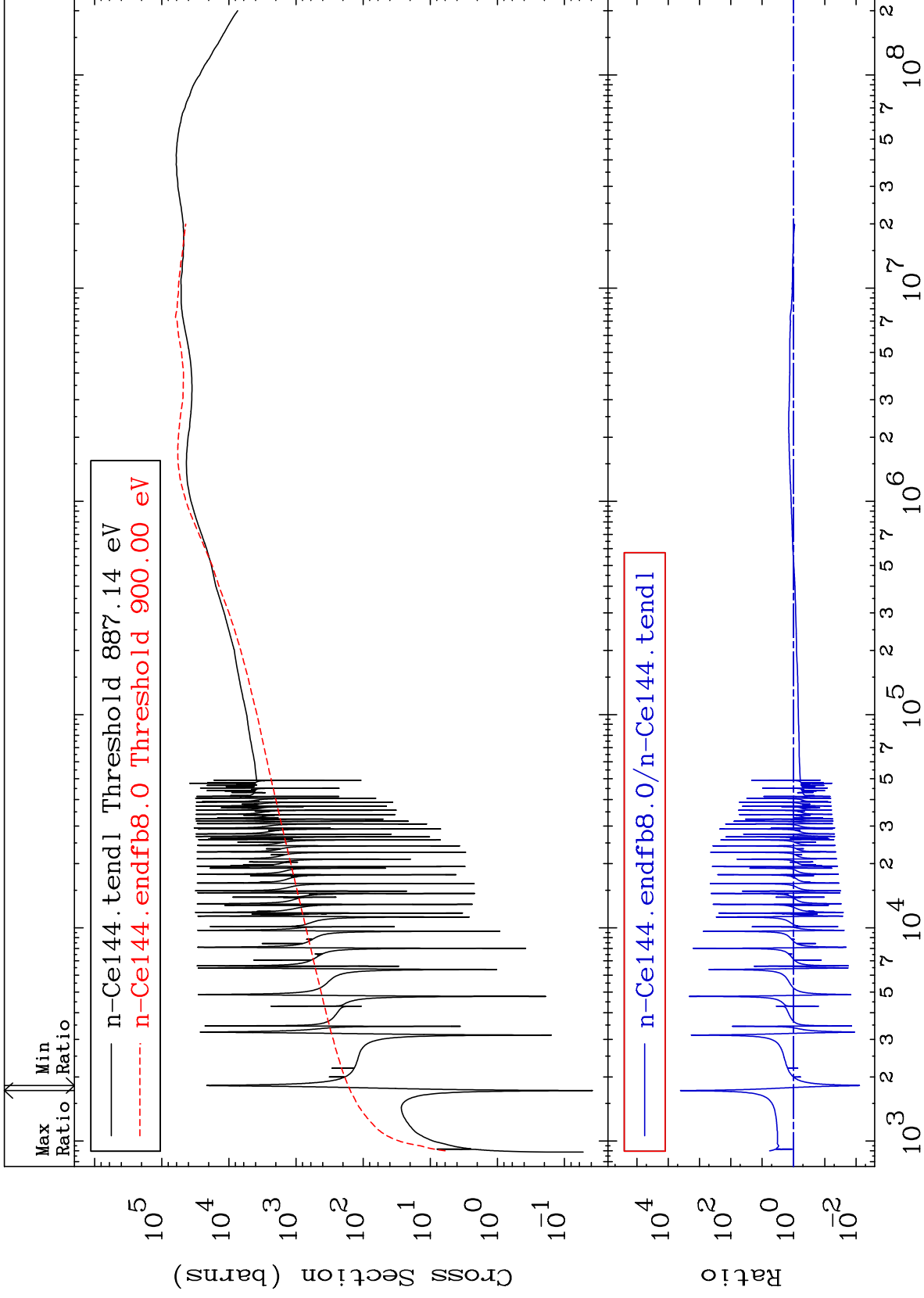




MAT 5849

Dpa elastic (mt2)
Cross Section

58-Ce-144
-99.22 To 9999. %



31

Incident Energy (eV)

58-Ce-144

MAT 5849

Dpa inelastic (mt51-91)
Cross Section

58-Ce-144
-54.82 To 9999. %

