

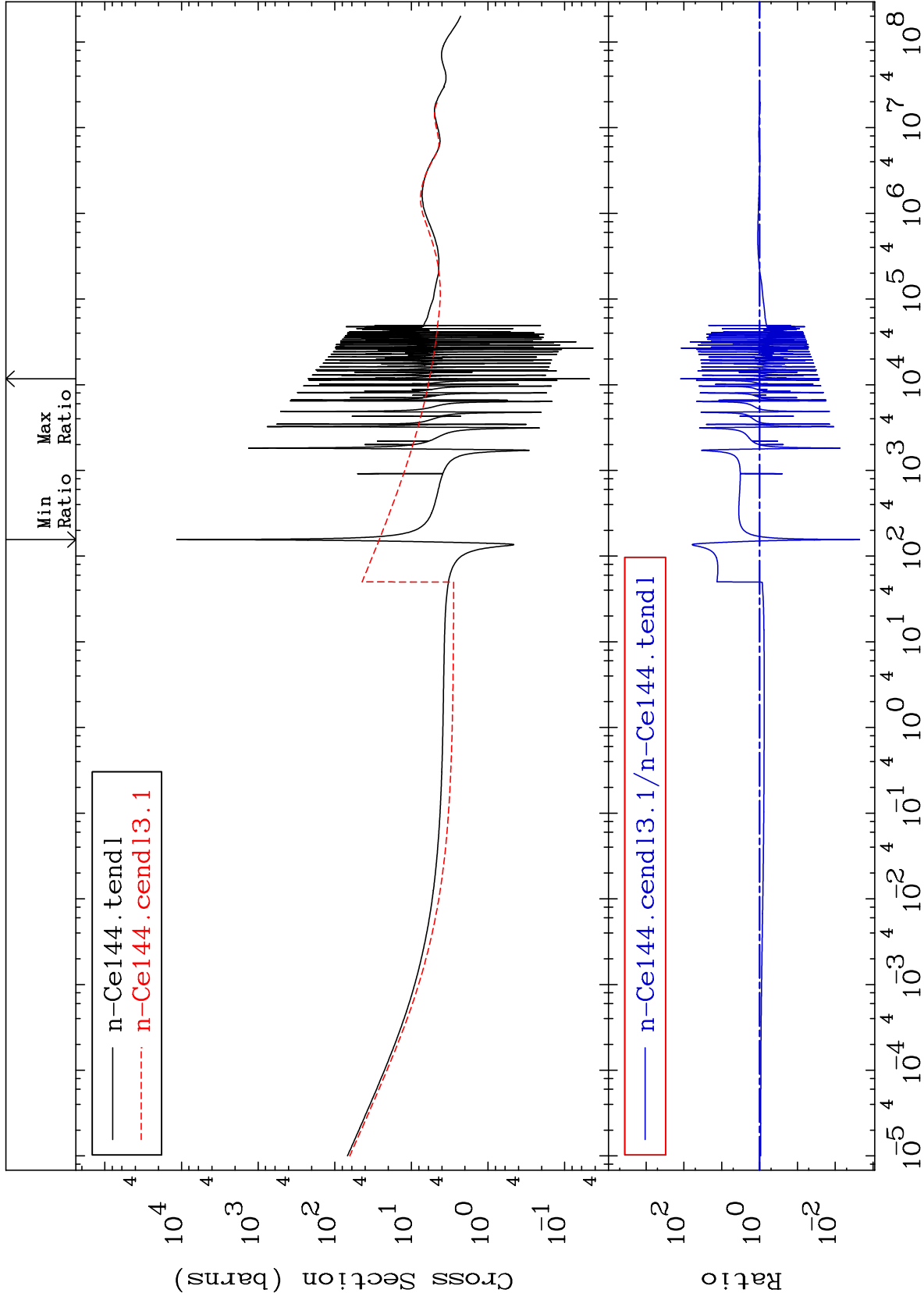
MAT 5849

Total

58-Ce-144

Cross Section

-99.77 To 9999. %



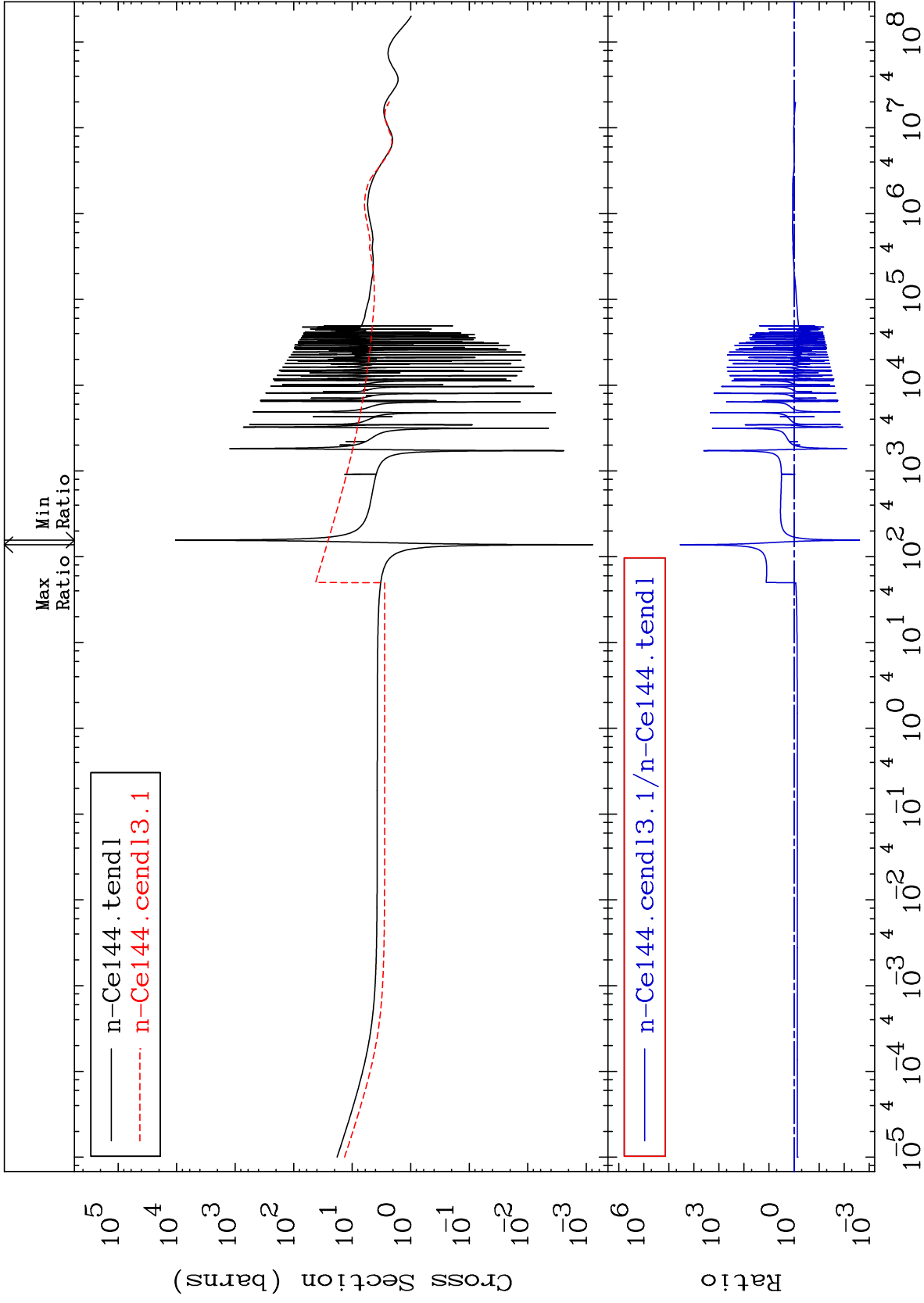
Incident Energy (eV)

58-Ce-144

MAT 5849

Elastic
Cross Section

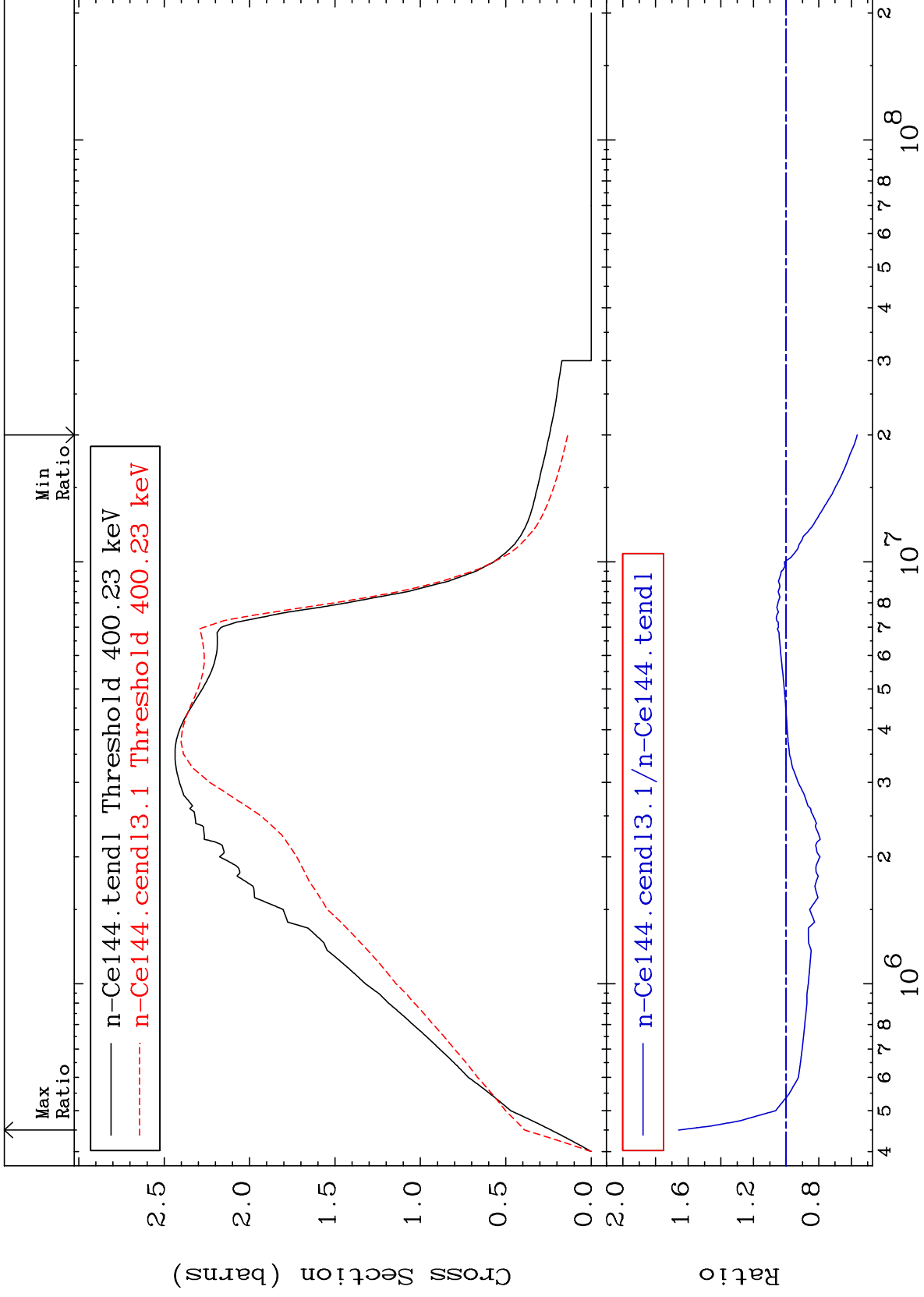
58-Ce-144
-99.75 To 9999. %



MAT 5849

Inelastic
Cross Section

58-Ce-144
-43.58 To 65.86 %



3

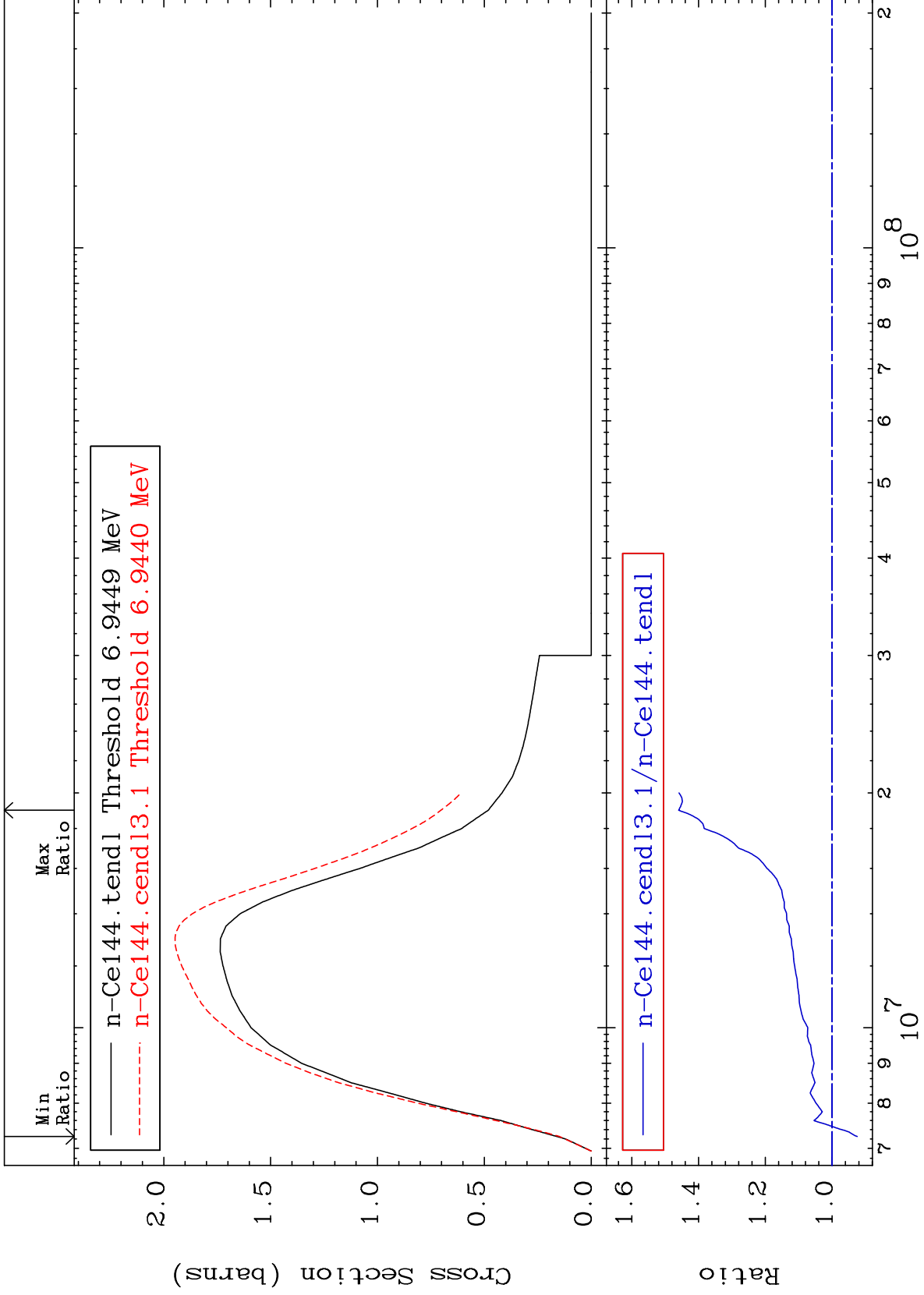
Incident Energy (eV)

58-Ce-144

MAT 5849

(n,2n)
Cross Section

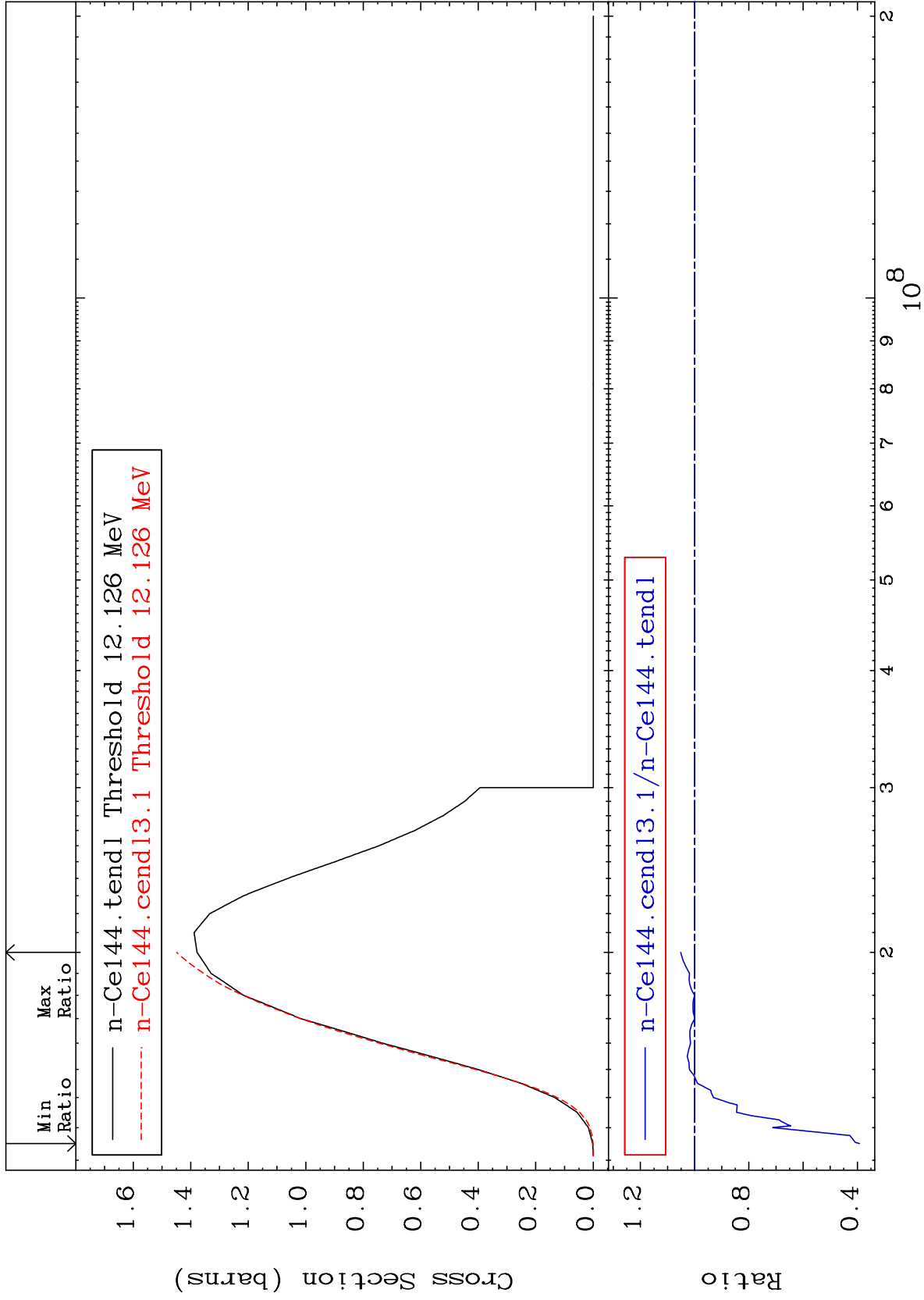
58-Ce-144
-7.534 To 45.98 %



4

Incident Energy (eV)

58-Ce-144



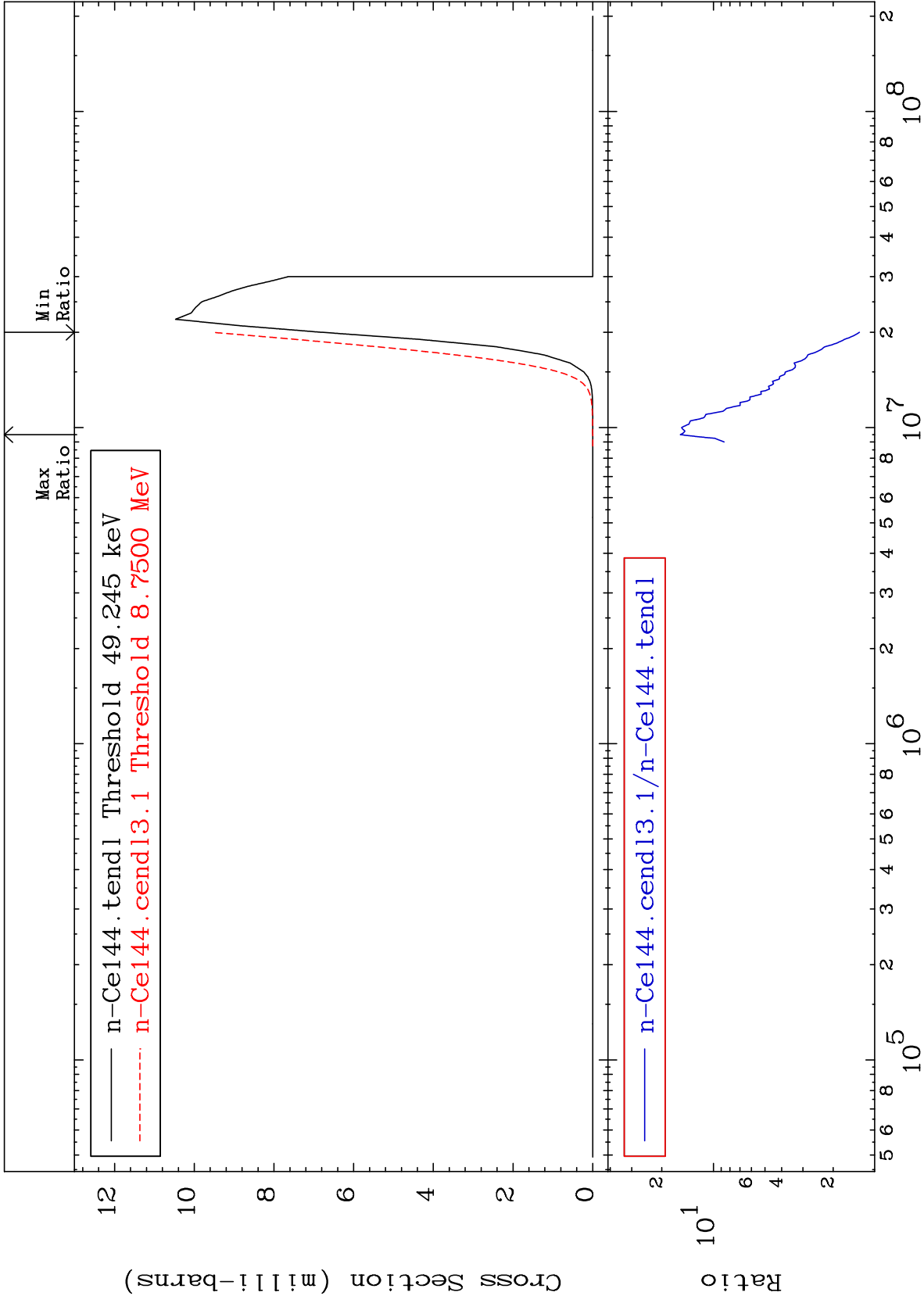
MAT 5849

$(n, n') \alpha$

58-Ce-144

Cross Section

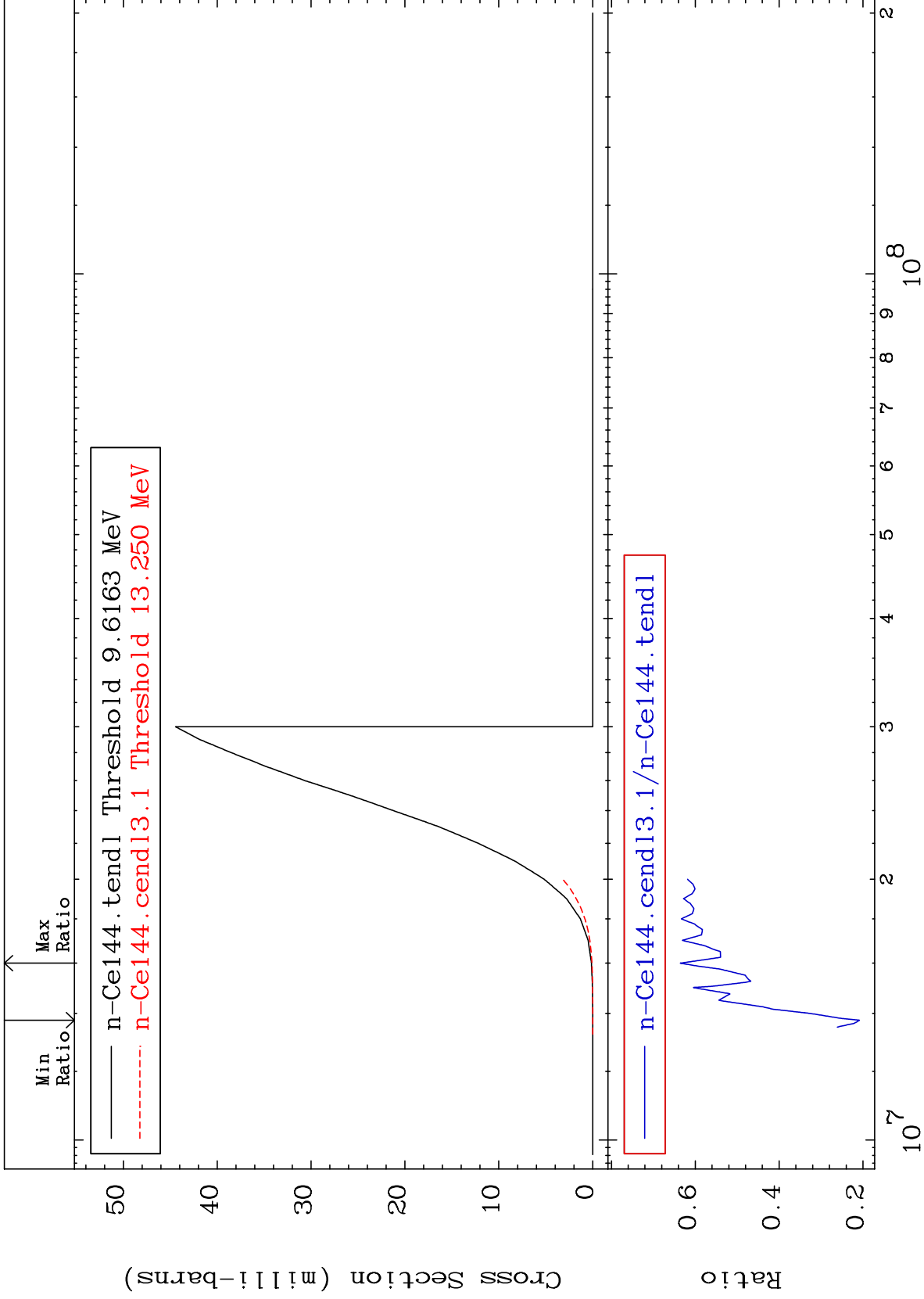
40.51 To 1459. %



MAT 5849

(n,n') p
Cross Section

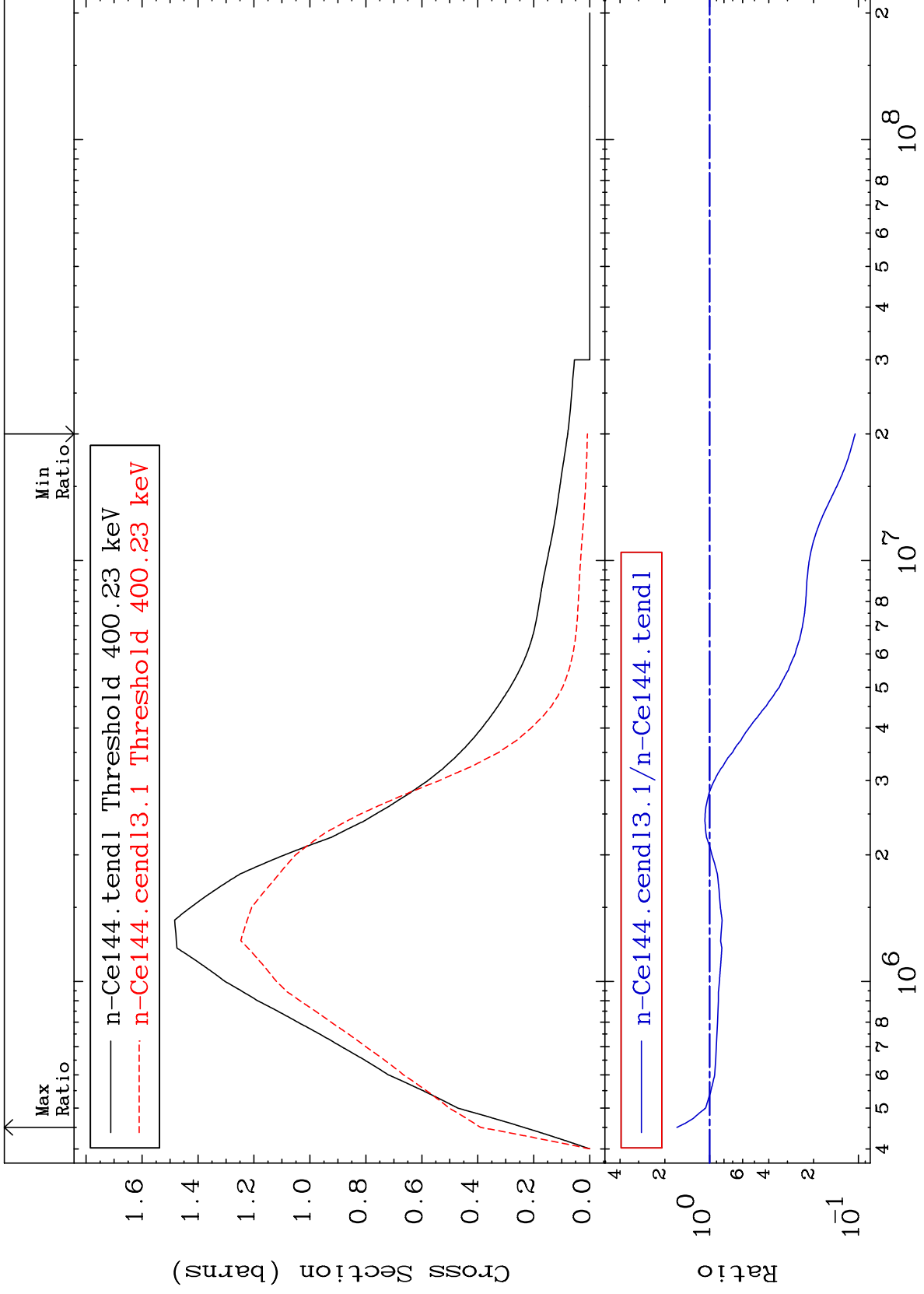
58-Ce-144
-79.16 To -36.45%



MAT 5849

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

58-Ce-144
-89.46 To 65.86 %



8

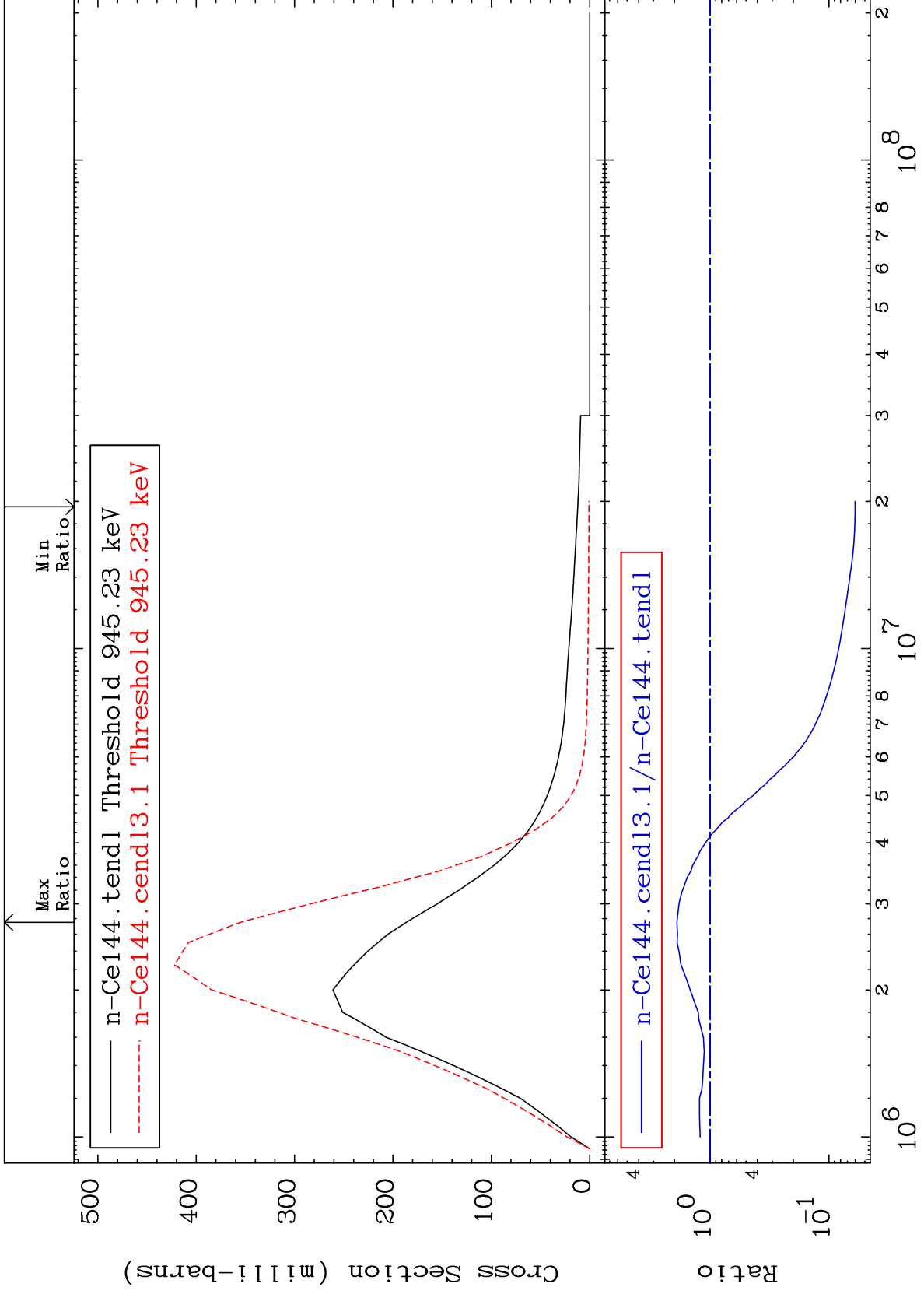
Incident Energy (eV)

58-Ce-144

MAT 5849

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

58-Ce-144
-93.97 To 90.47 %



58-Ce-144

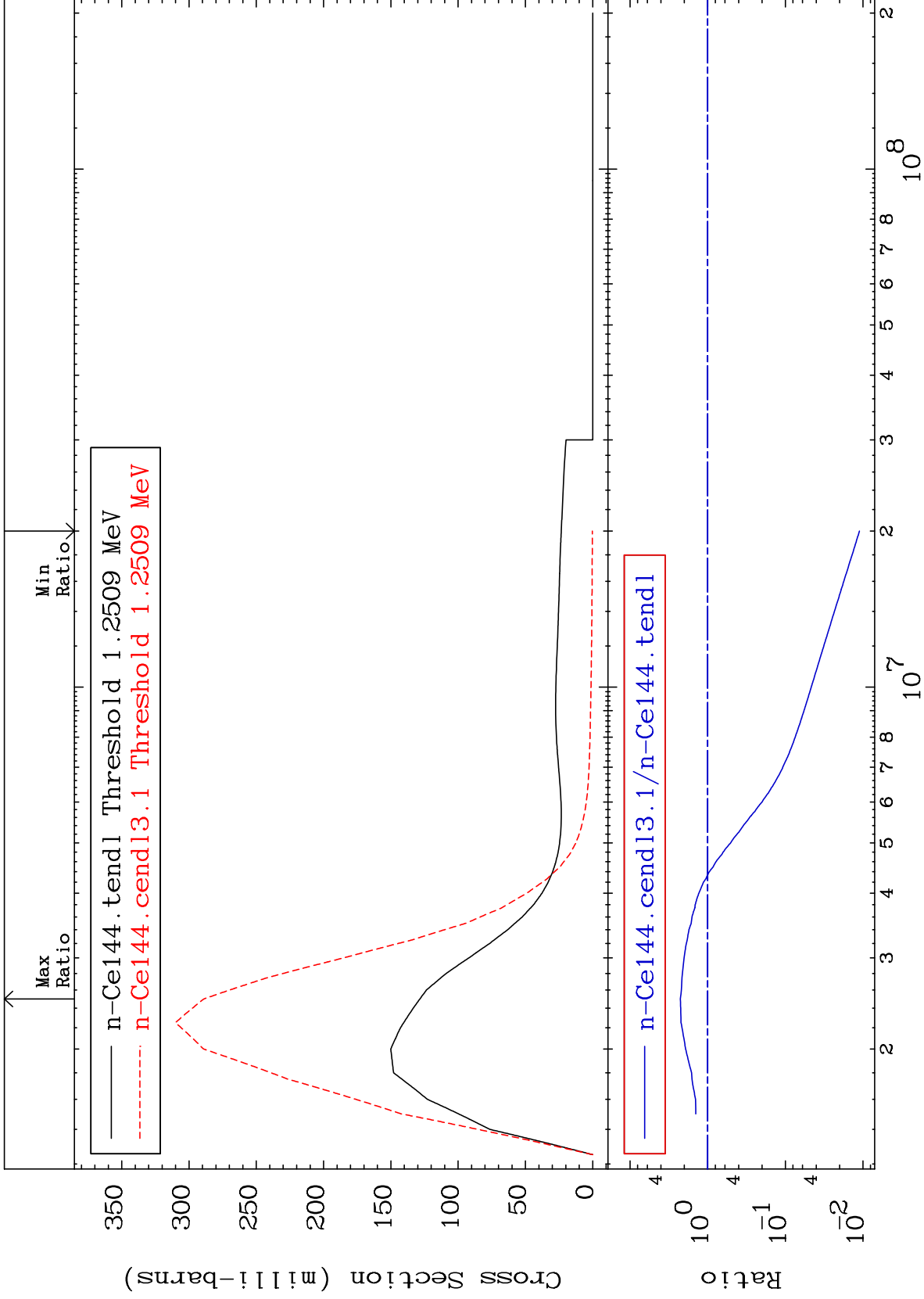
Incident Energy (eV)

9

MAT 5849

MT= 53 (n, n') Level
Cross Section

58-Ce-144
-98.89 To 125.0 %



10

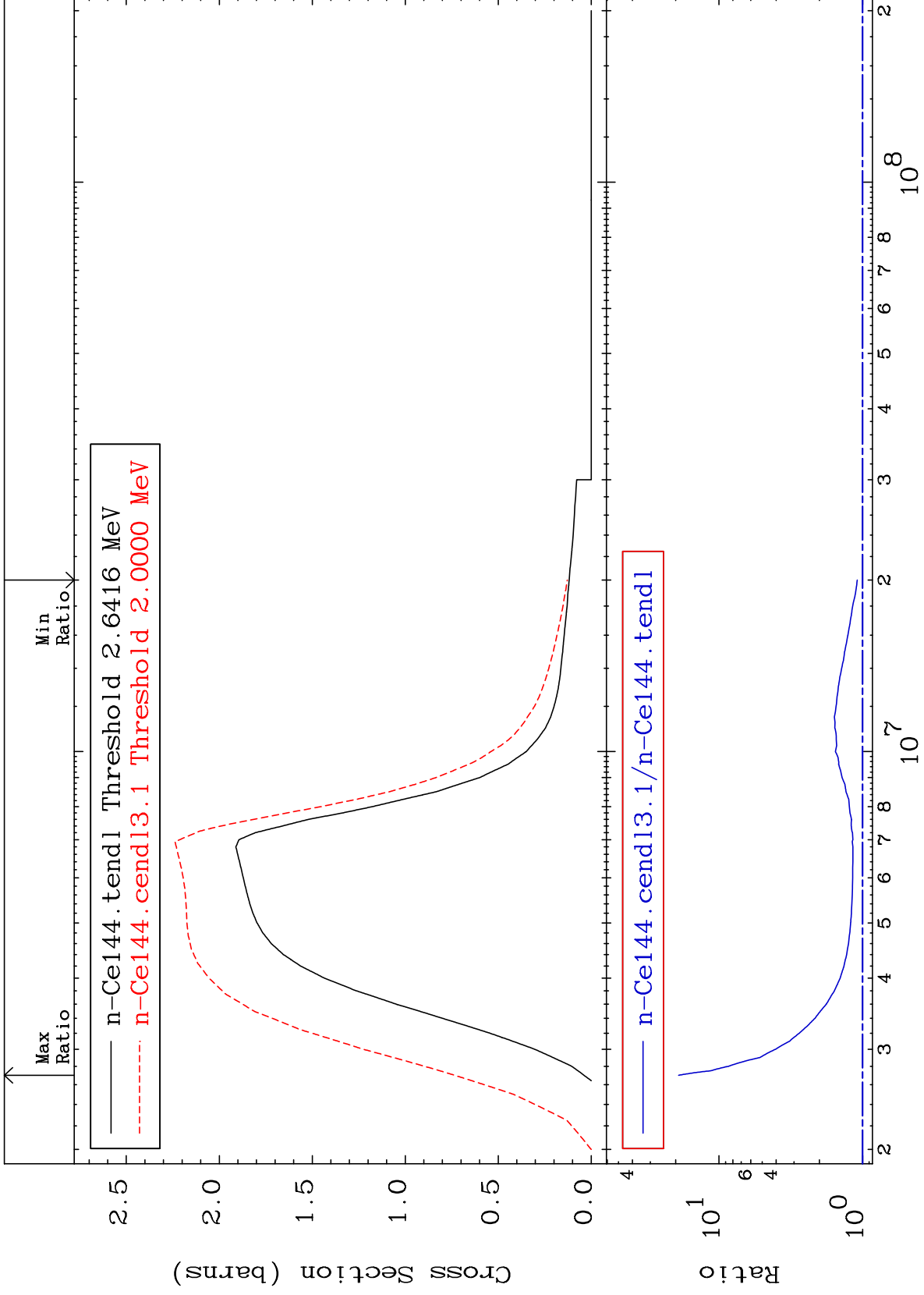
Incident Energy (eV)

58-Ce-144

MAT 5849

(n, n') Continuum
Cross Section

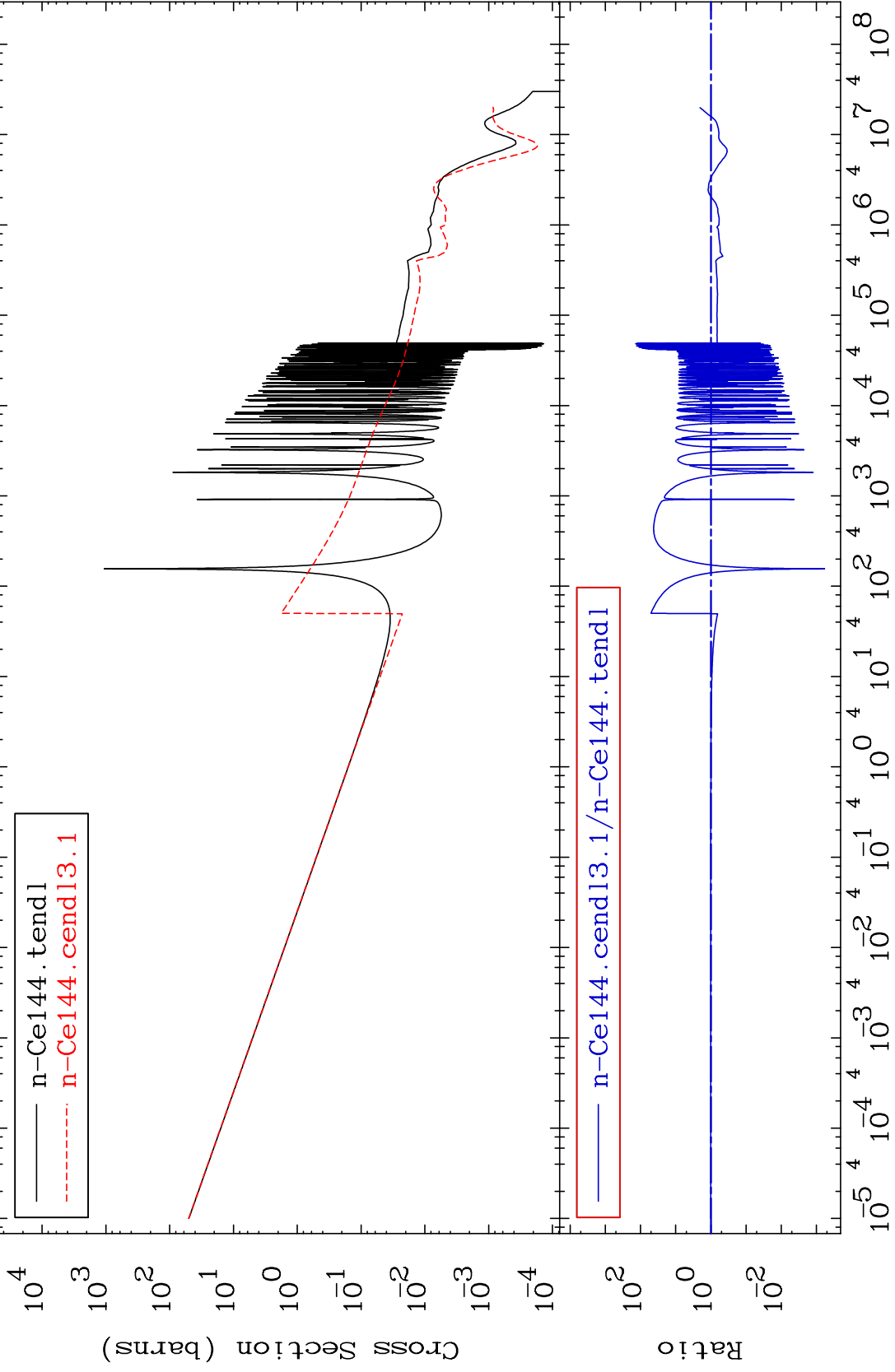
58-Ce-144
8.876 To 1808. %



MAT 5849

(n, γ)
Cross Section

58-Ce-144
-99.94 To 9999. %



12

Incident Energy (eV)

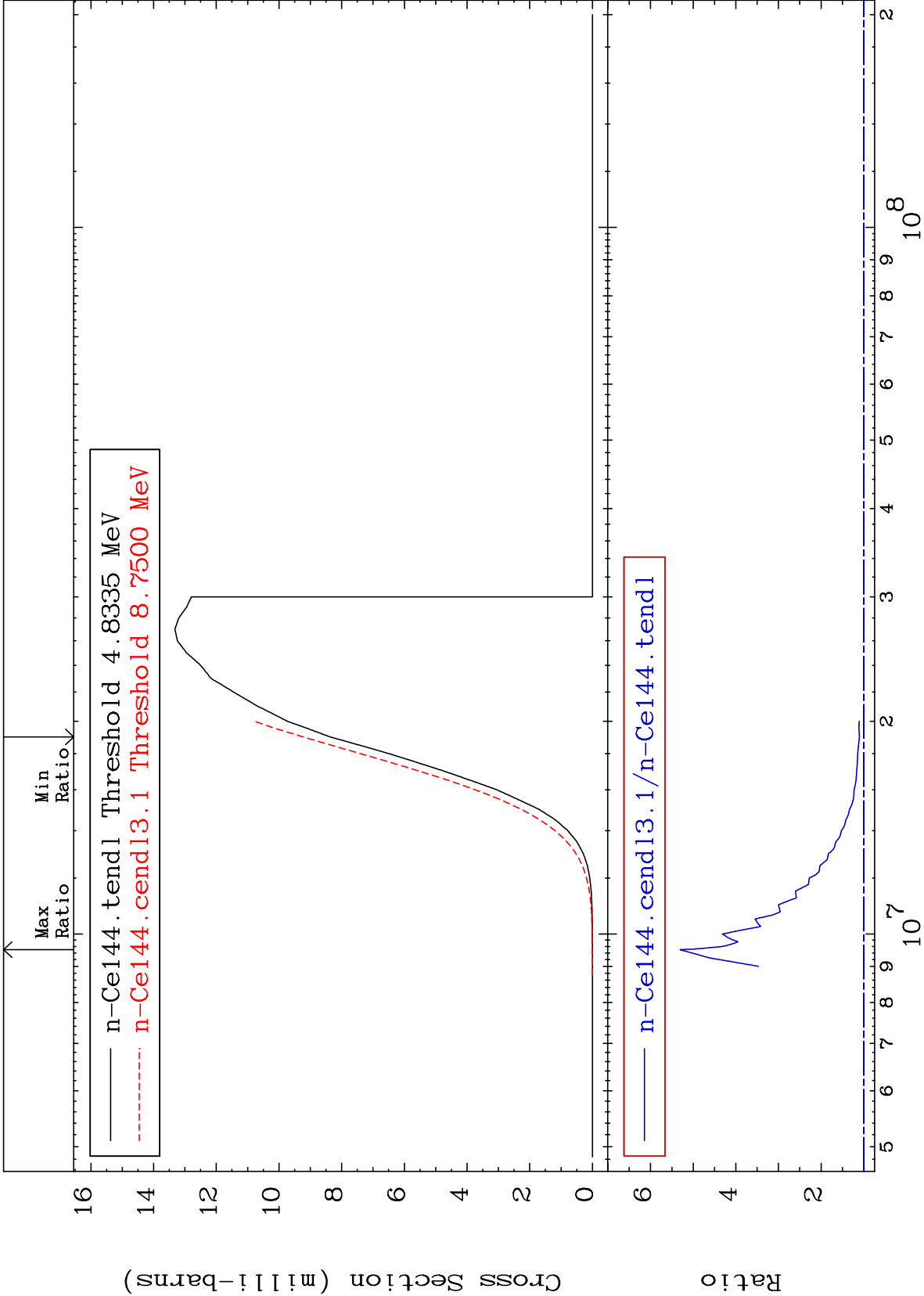
58-Ce-144

MAT 5849

58-Ce-144

10.24 To 430.6 %

(n,p)
Cross Section



13

58-Ce-144

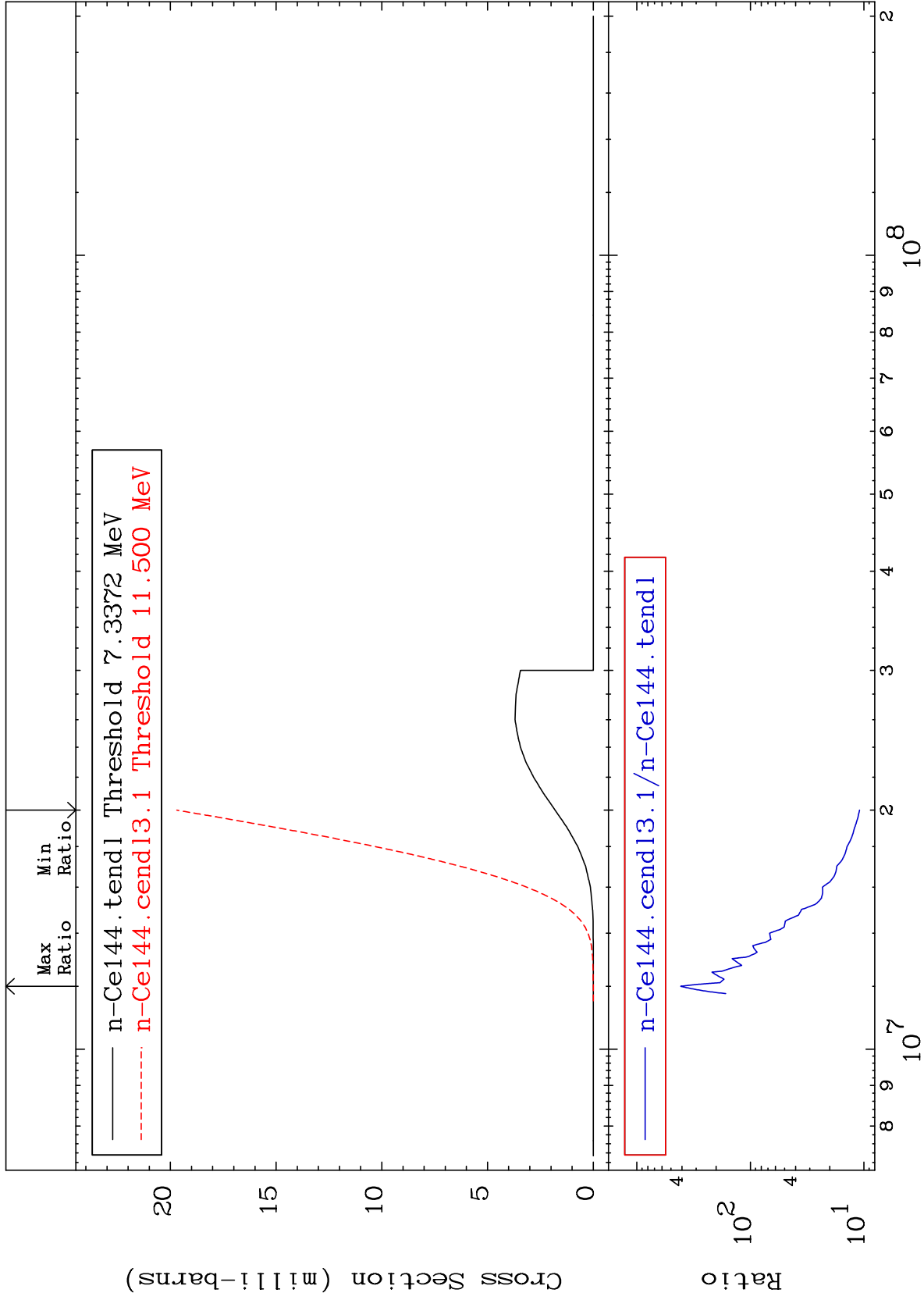
MAT 5849

(n, t)

58-Ce-144

Cross Section

991.7 To 9999. %



15

58-Ce-144

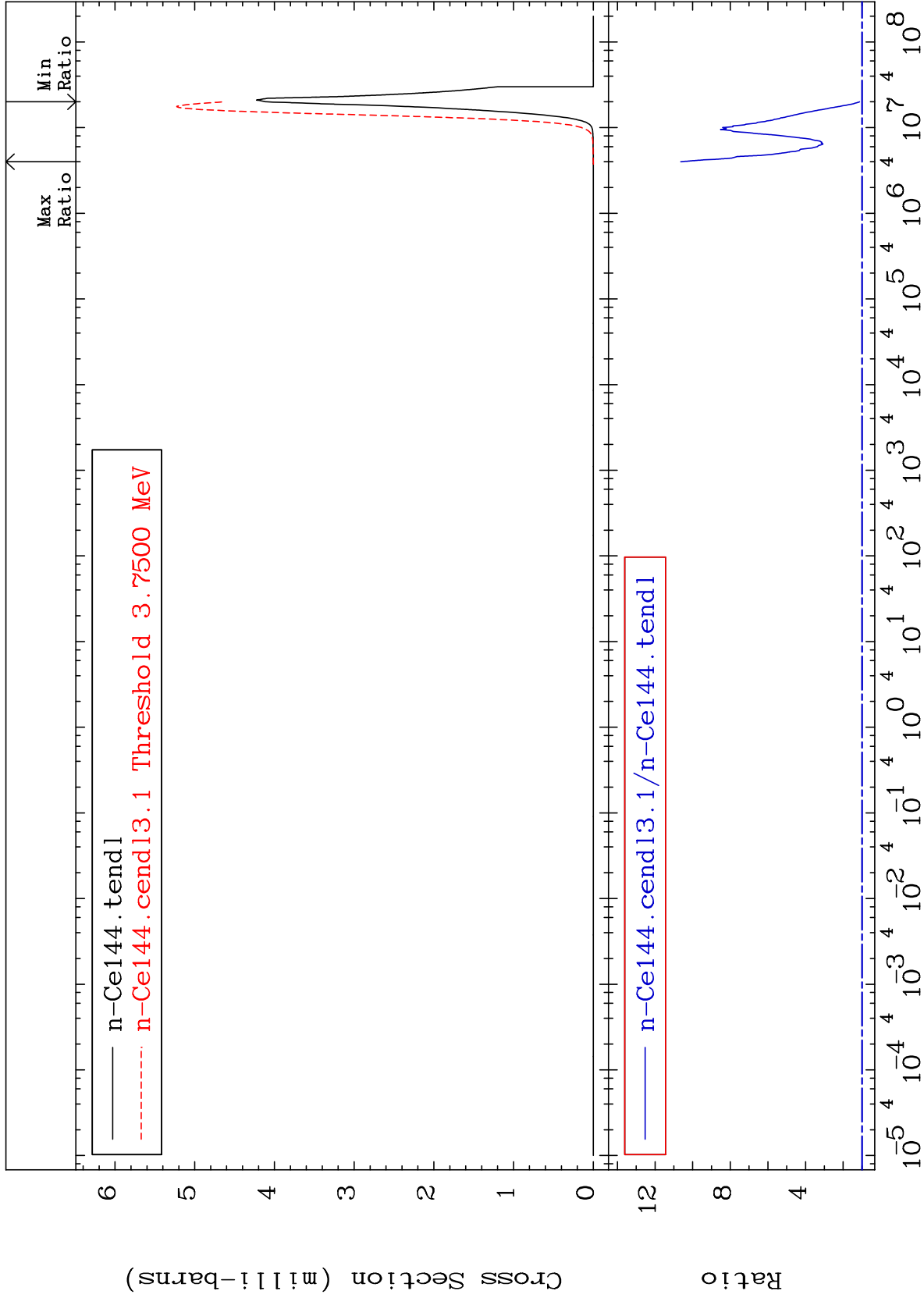
MAT 5849

(n, α)

58-Ce-144

Cross Section

12.93 To 963.3 %



Incident Energy (eV)

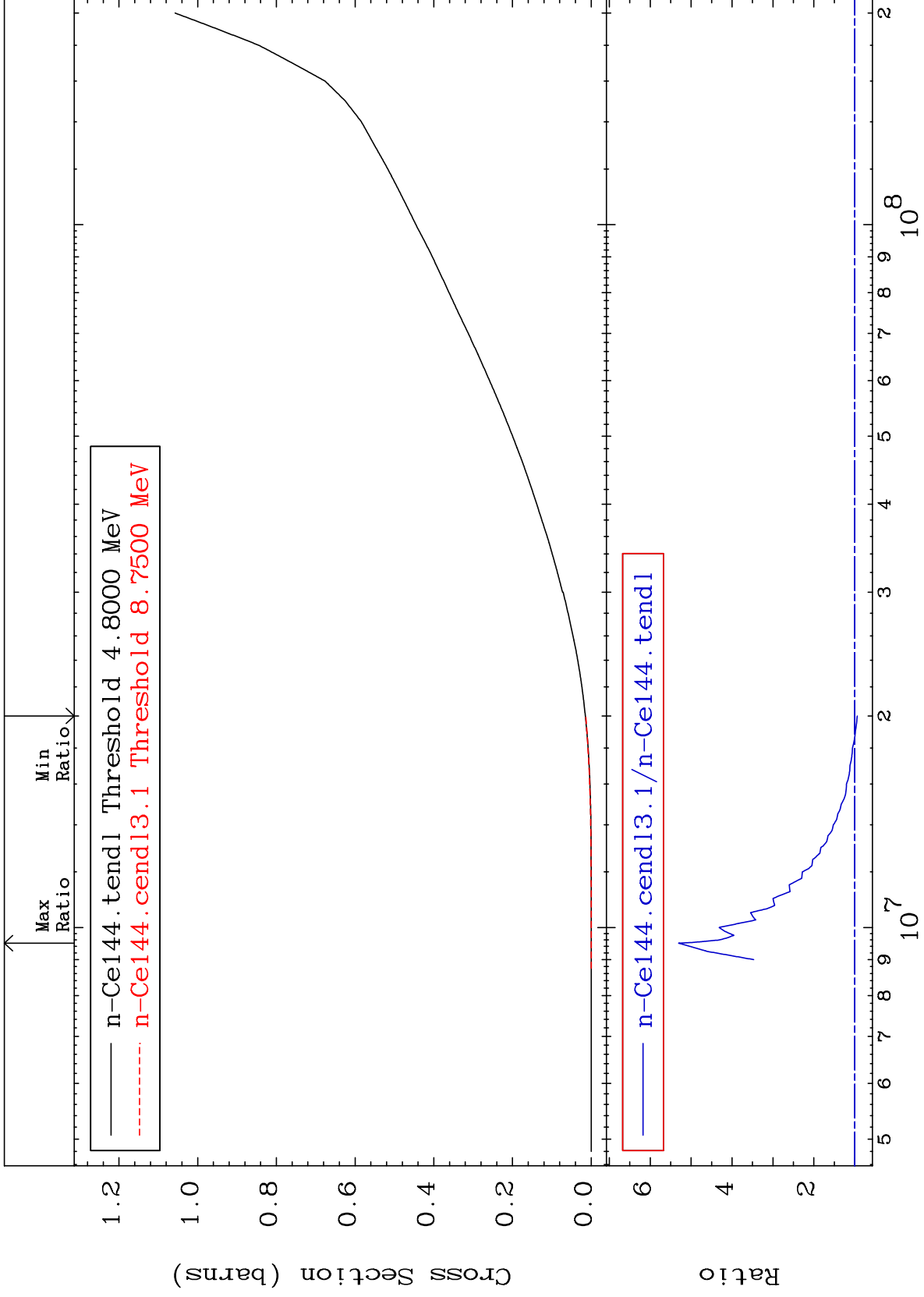
58-Ce-144

16

MAT 5849

Hydrogen Production
Cross Section

58-Ce-144
-6.207 To 430.6 %



17

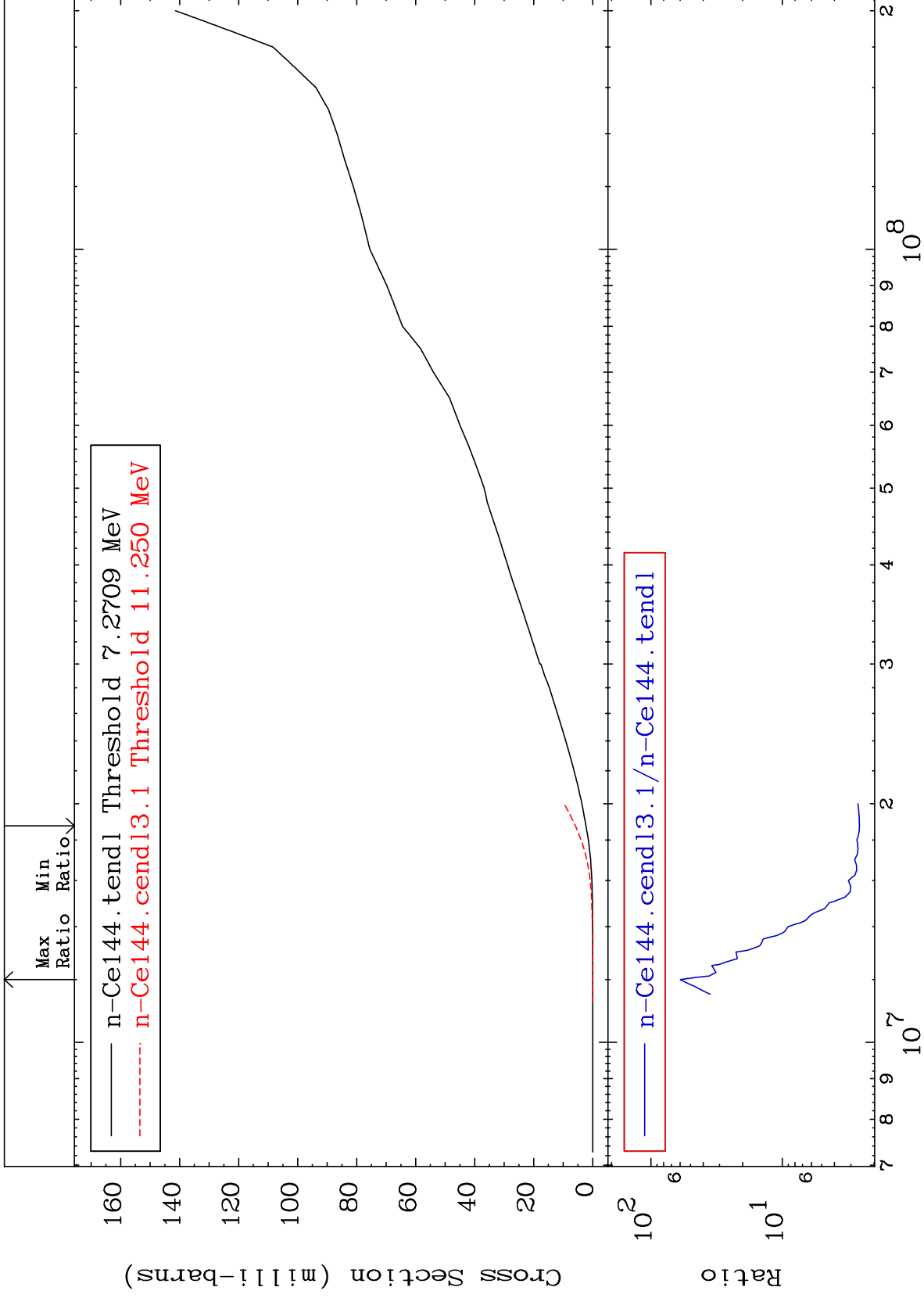
Incident Energy (eV)

58-Ce-144

MAT 5849

Deuterium Production
Cross Section

58-Ce-144
158.3 To 5869. %



18

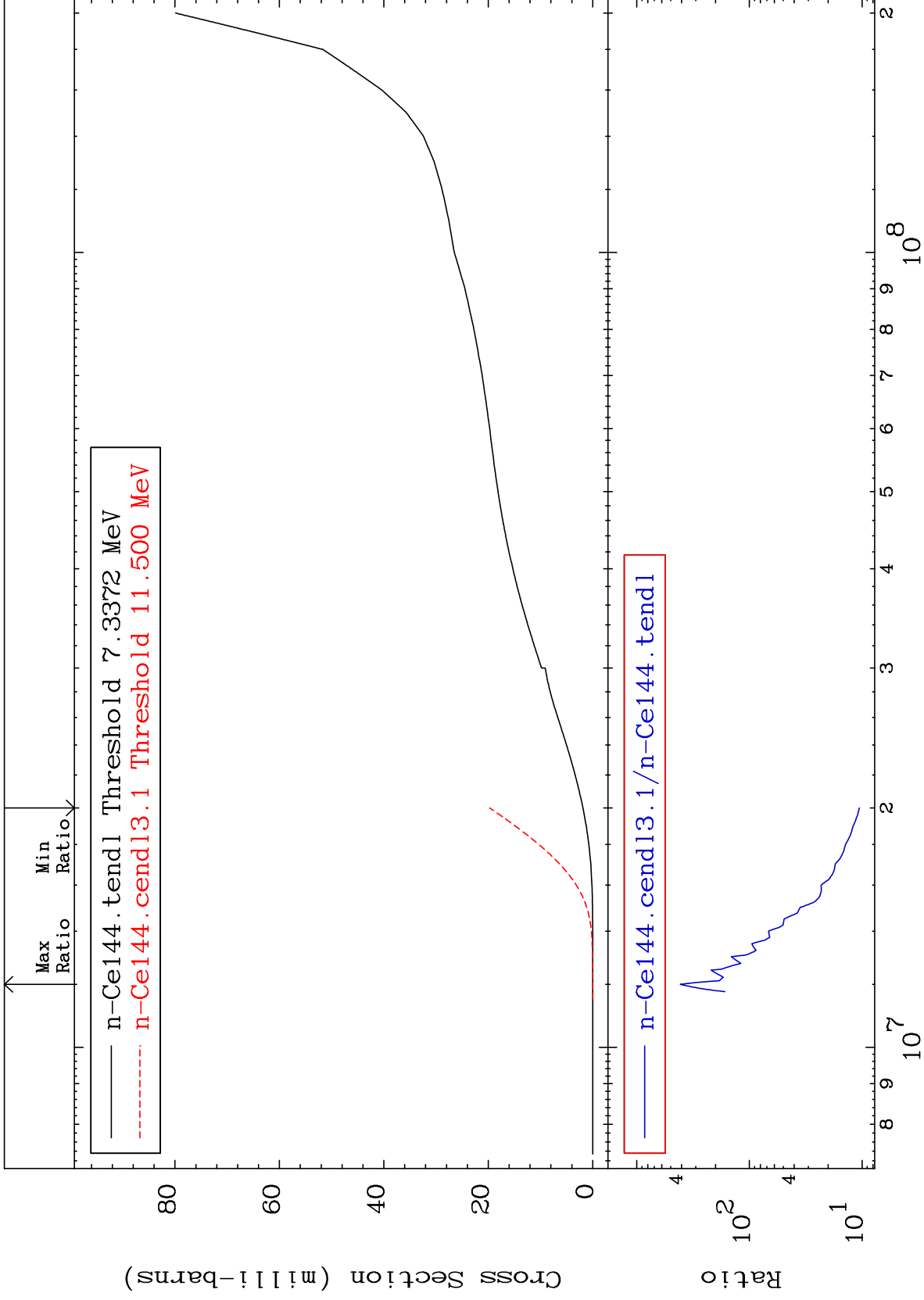
Incident Energy (eV)

58-Ce-144

MAT 5849

Tritium Production
Cross Section

58-Ce-144
955.6 To 9999. %



19

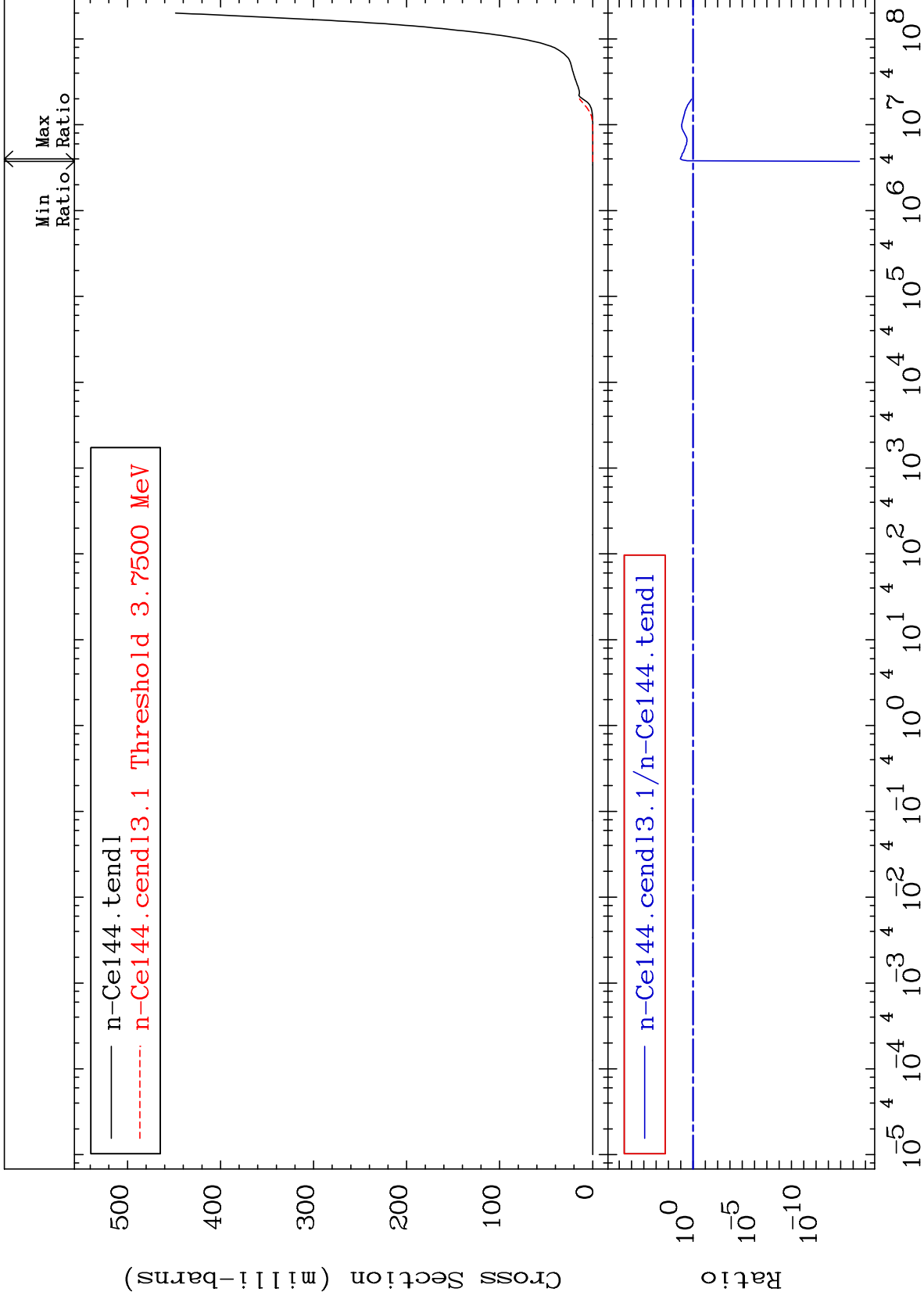
Incident Energy (eV)

58-Ce-144

MAT 5849

He-4 Production
Cross Section

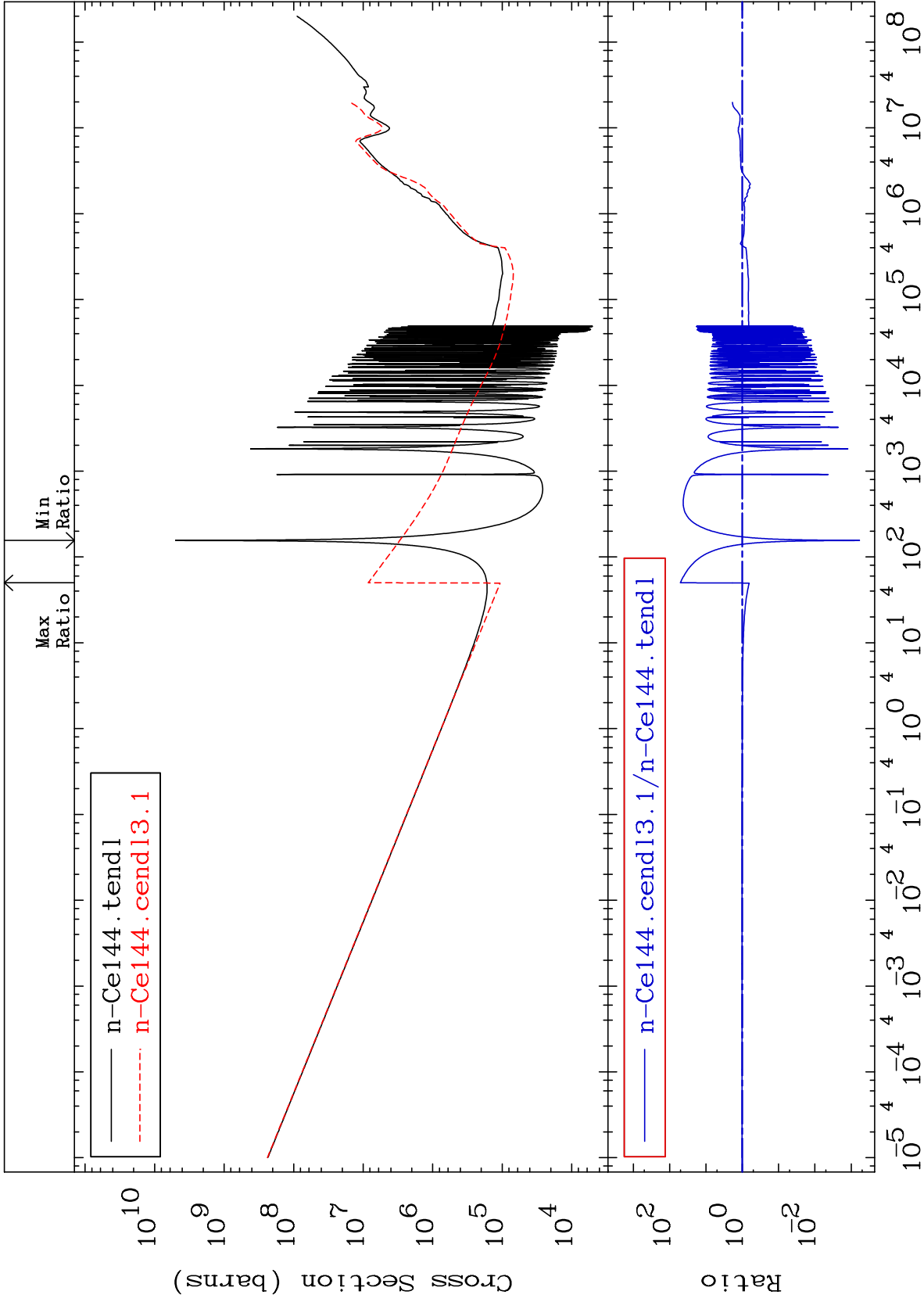
58-Ce-144
-100.0 To 963.3 %



20

Incident Energy (eV)

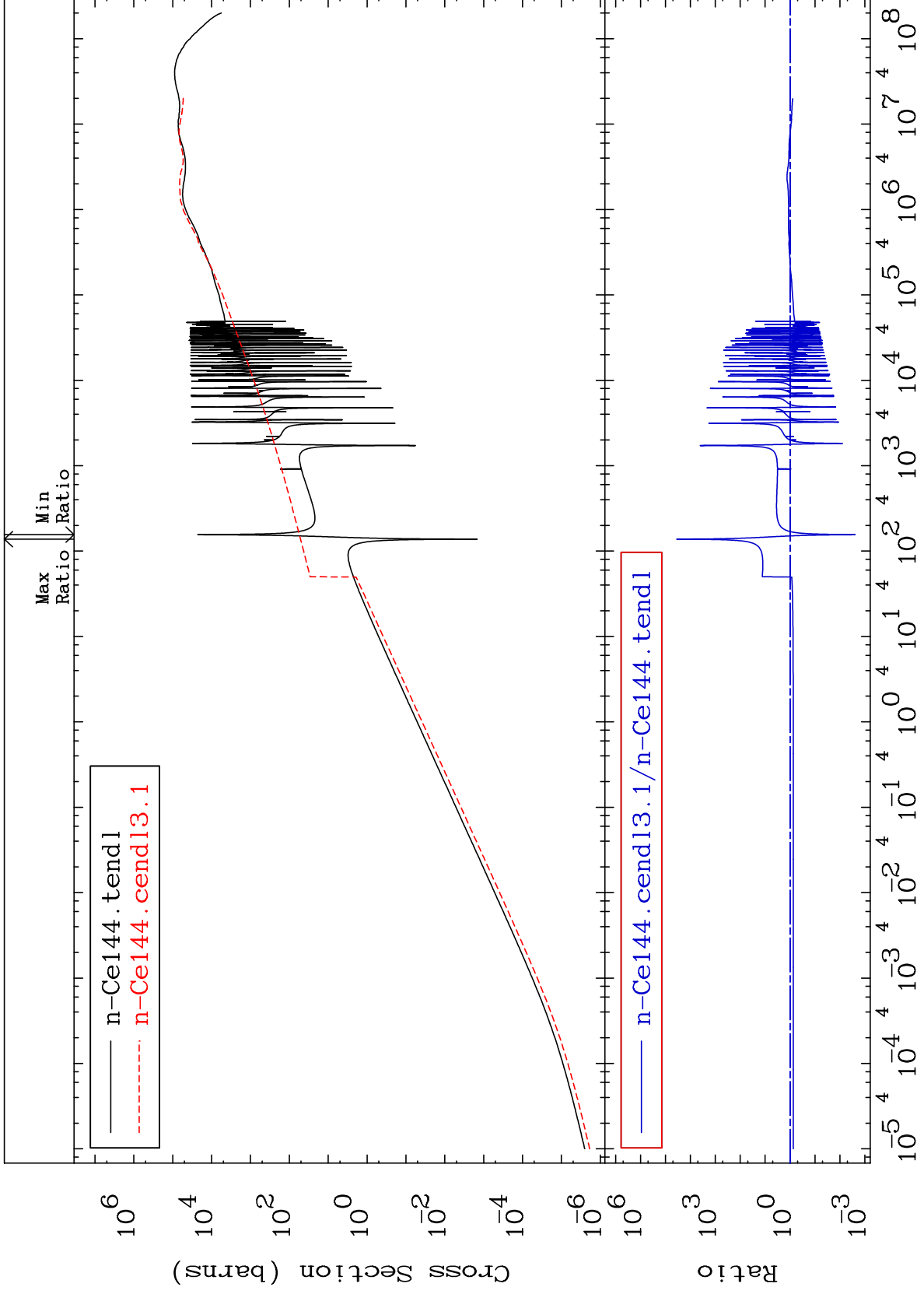
58-Ce-144

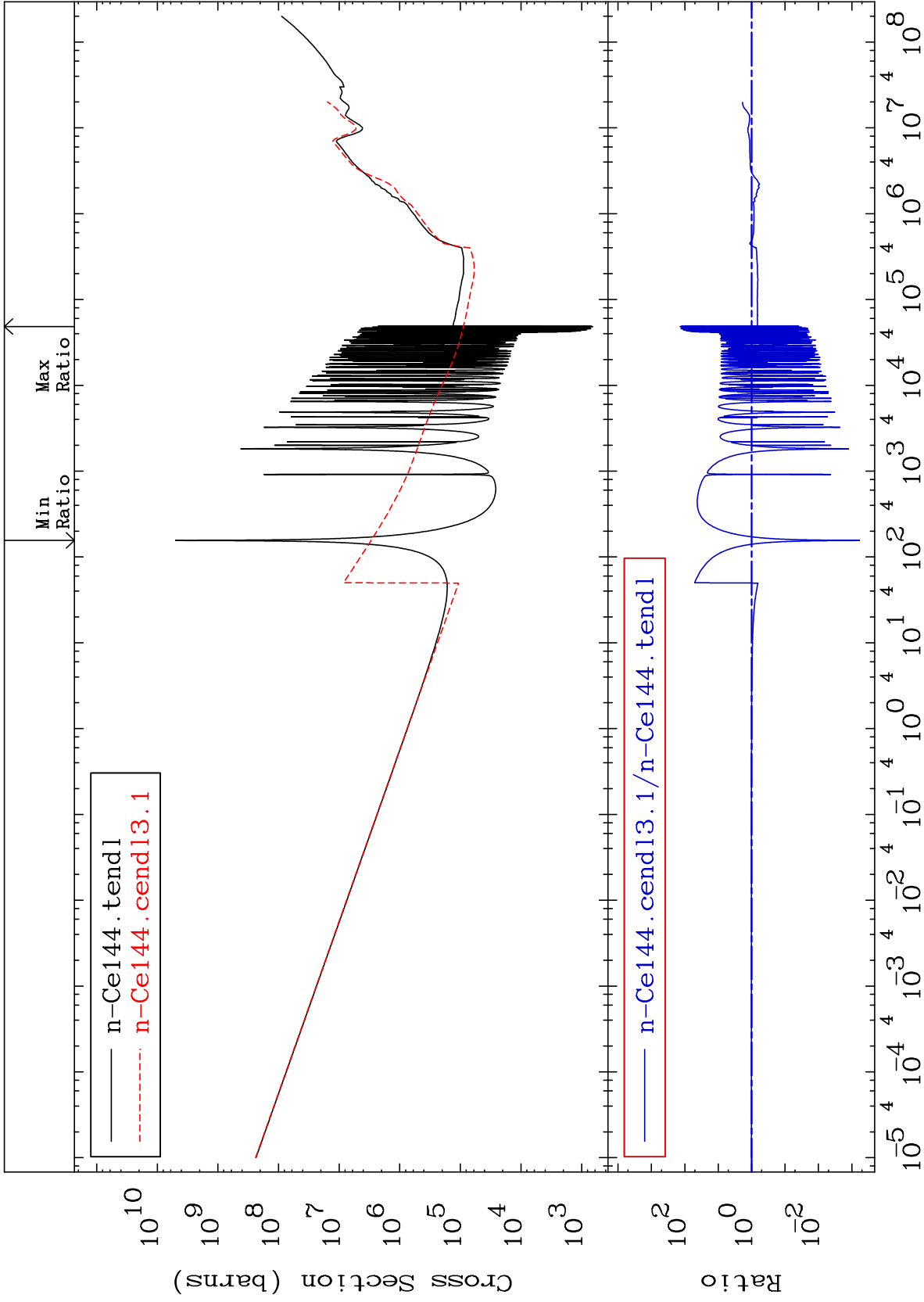


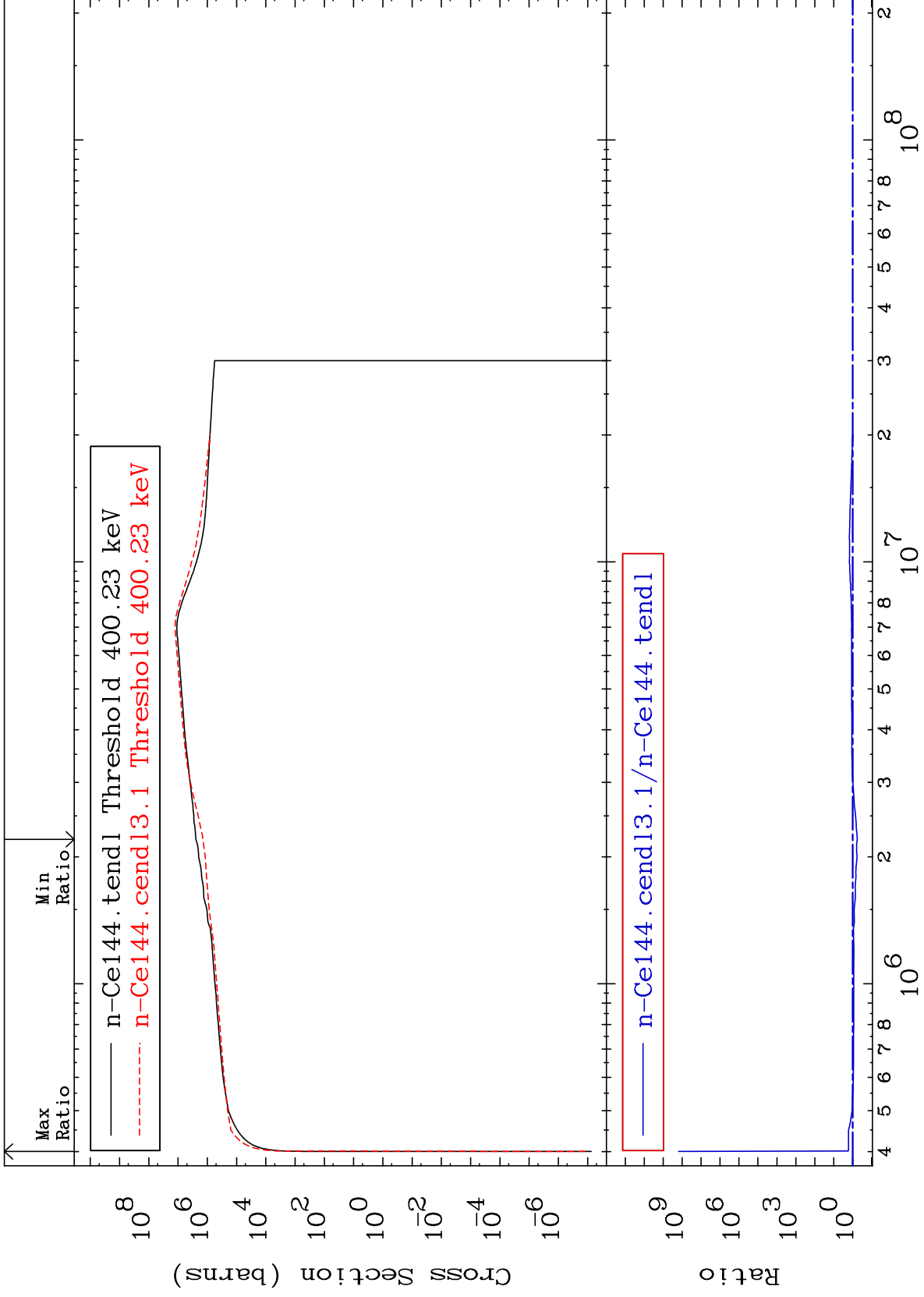
MAT 5849

Kerma elastic
Cross Section

58-Ce-144
-99.76 To 9999. %



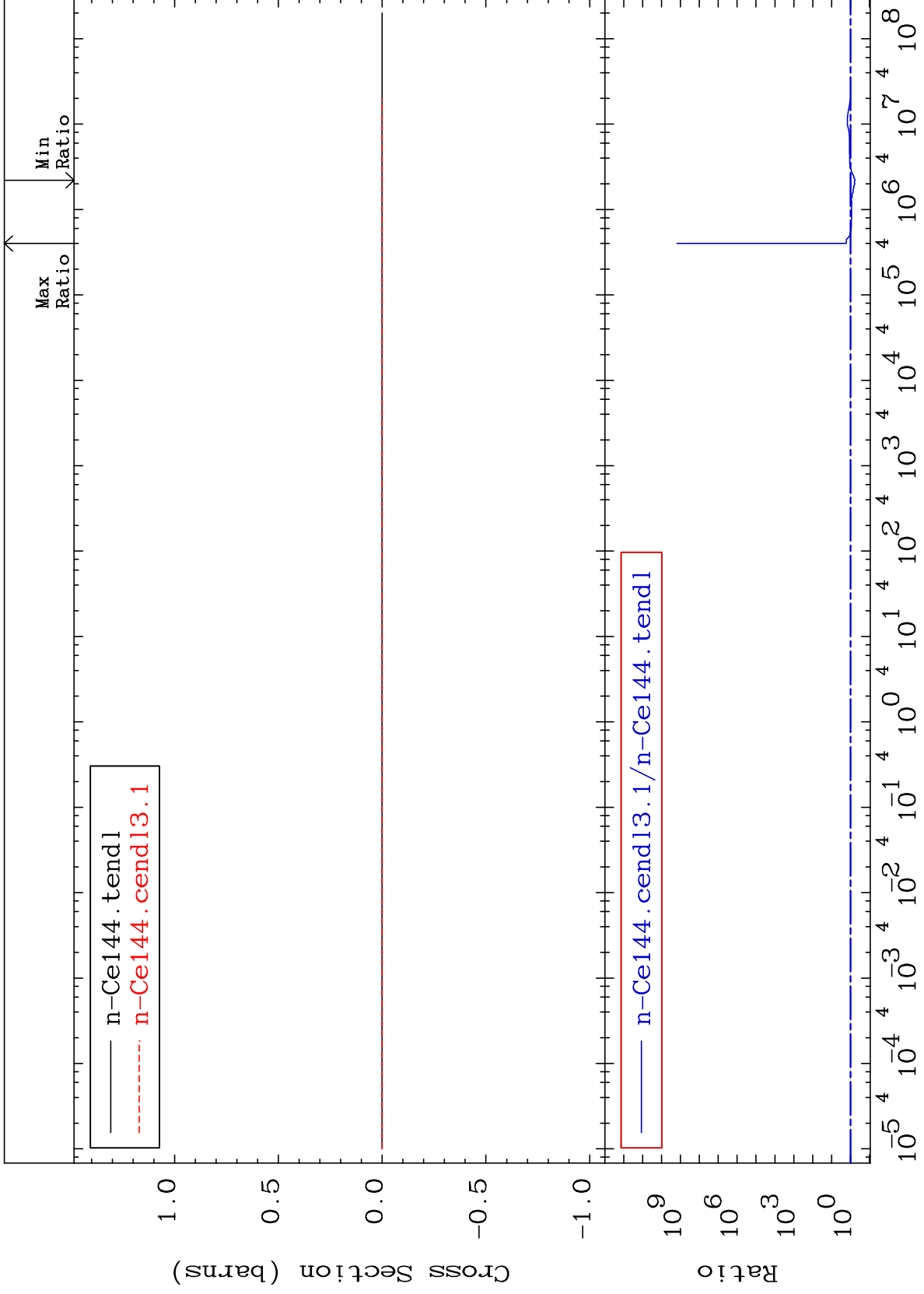




MAT 5849

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

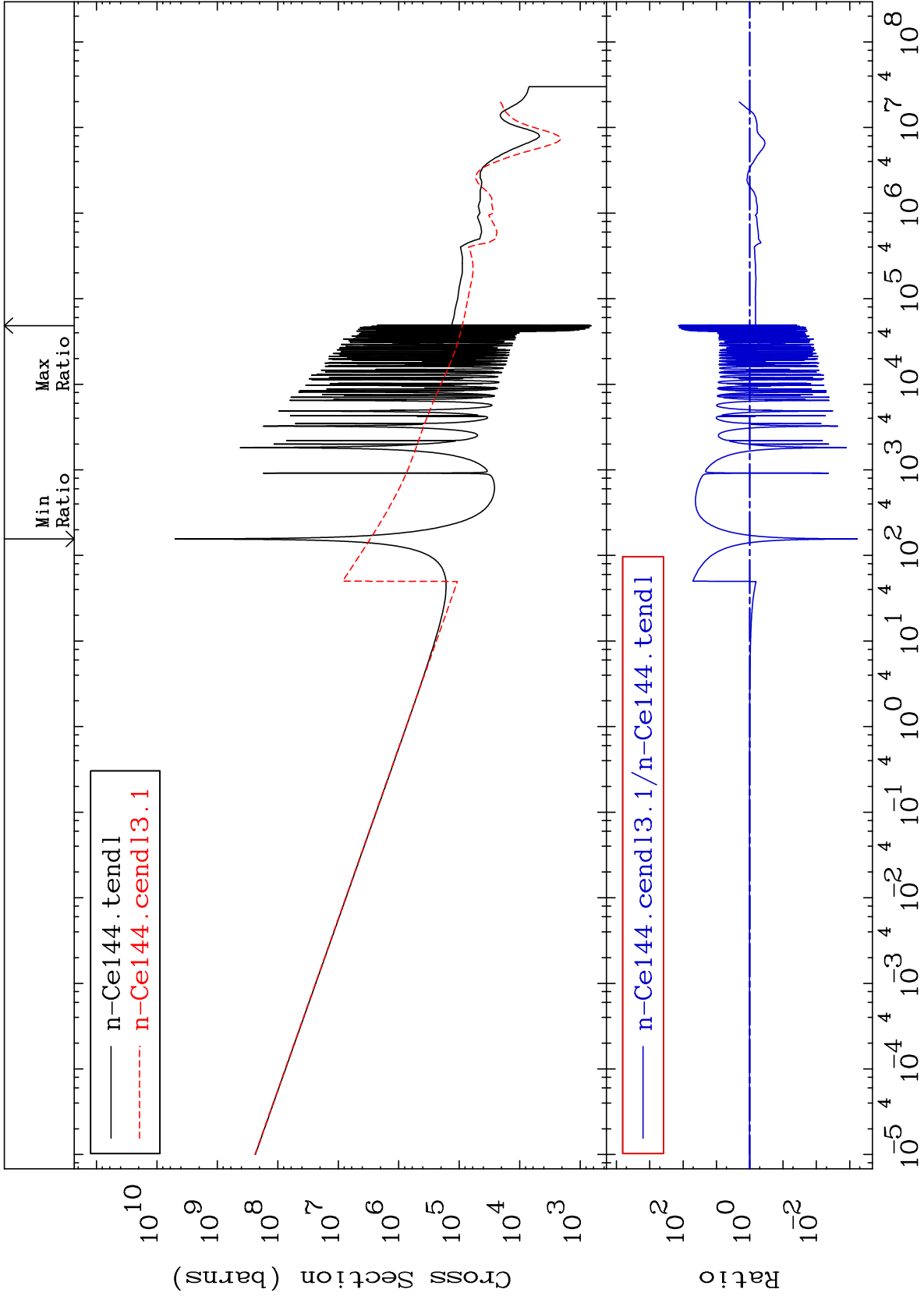
58-Ce-144
-42.78 To 9999. %

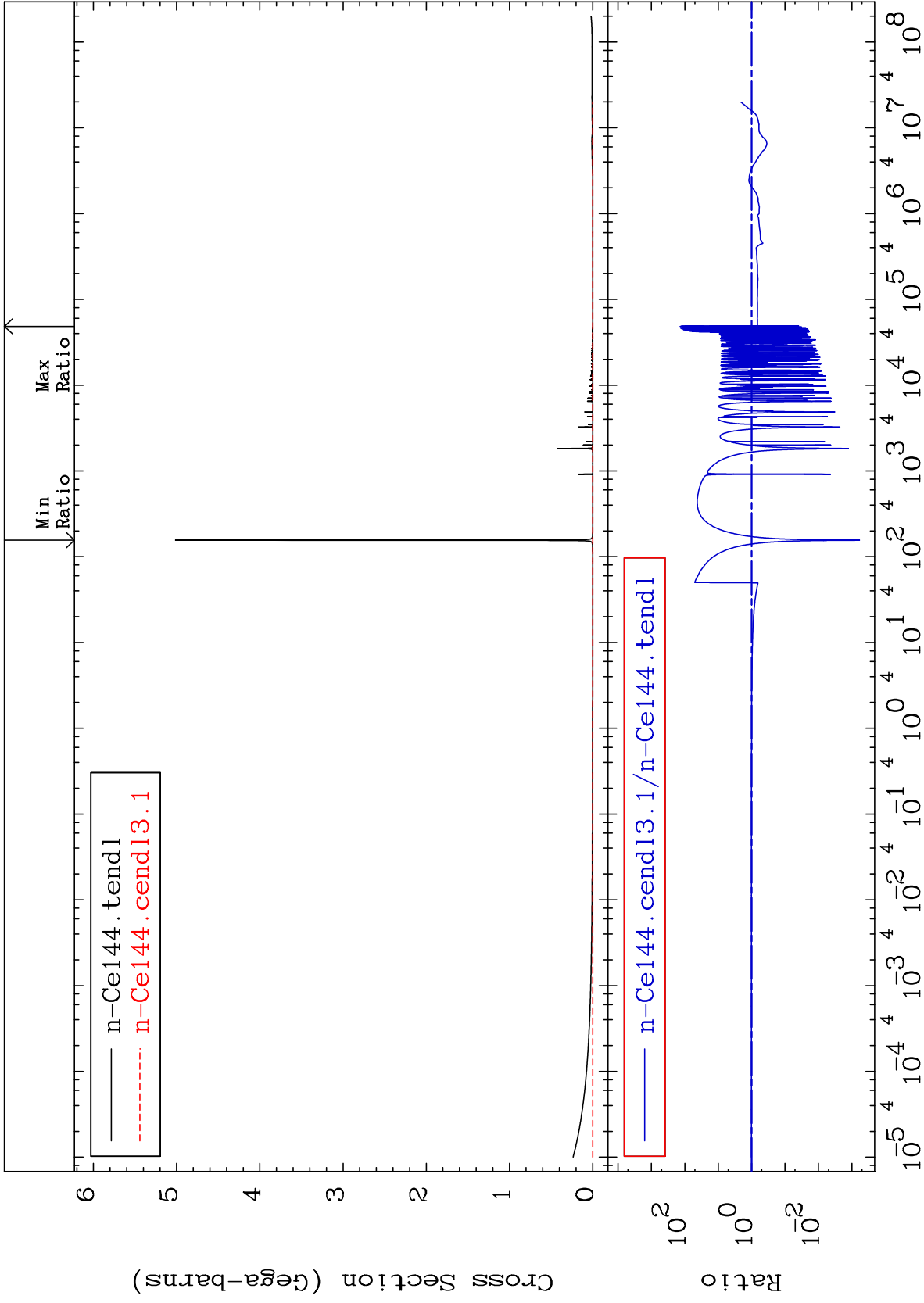


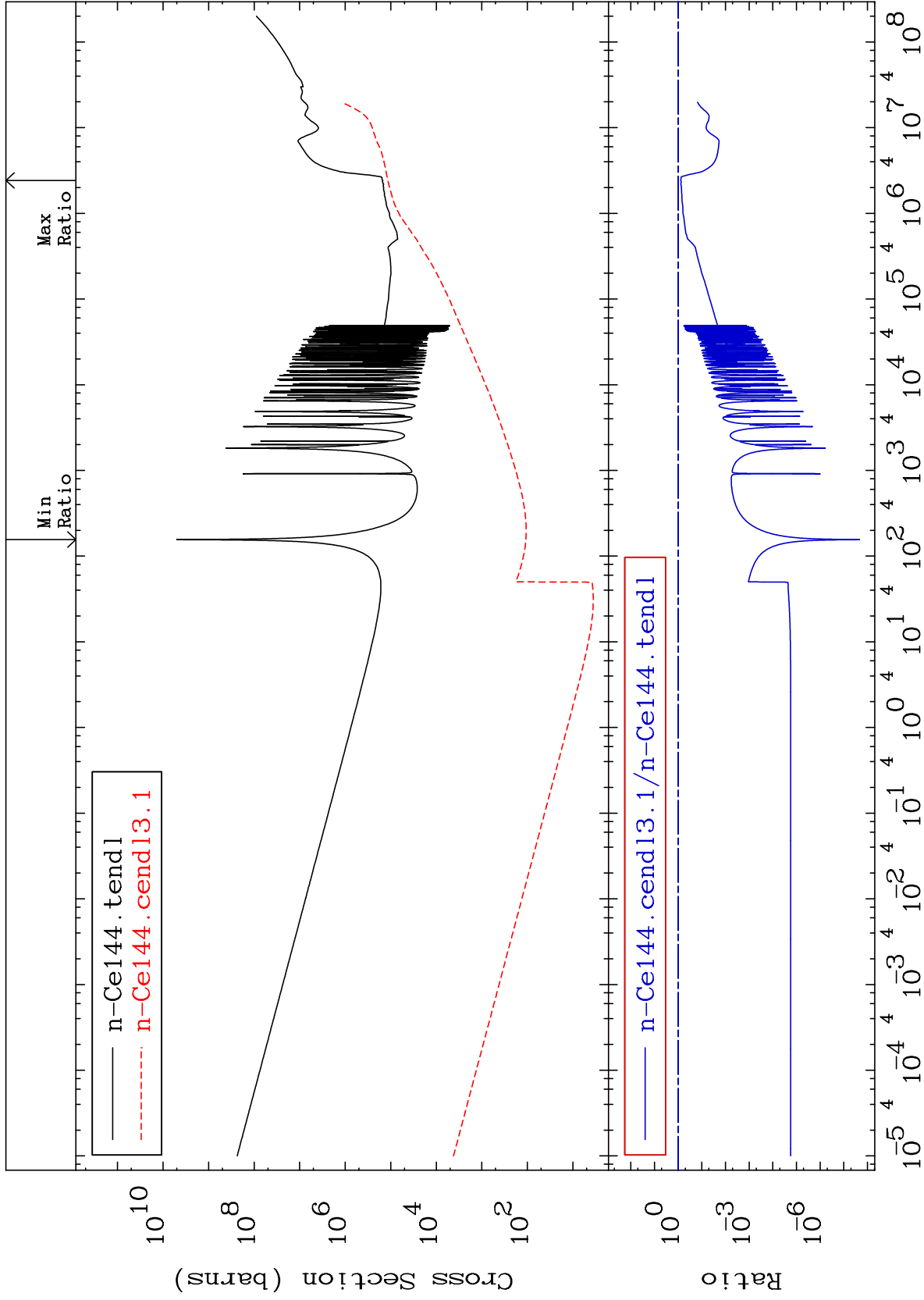
25

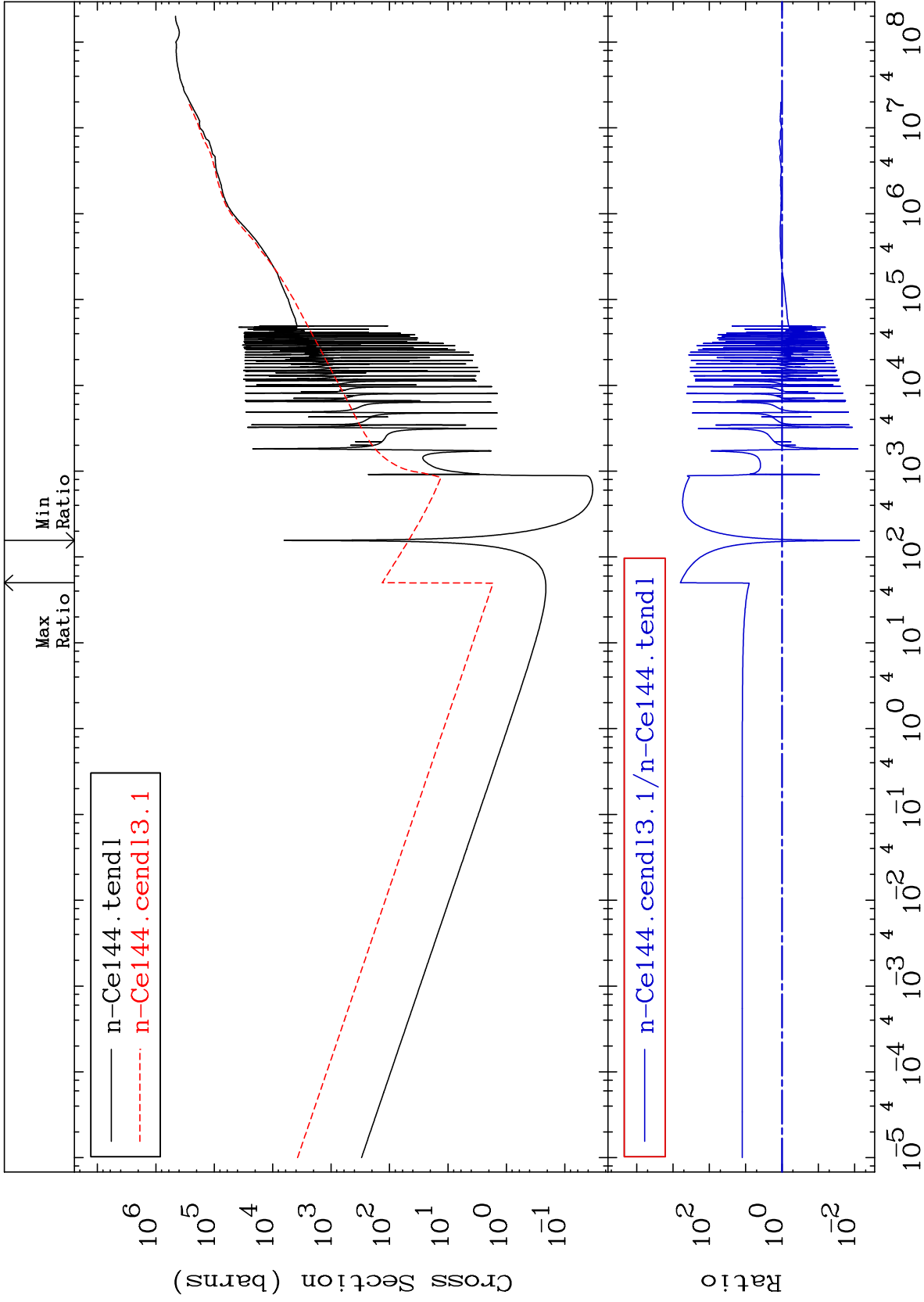
Incident Energy (eV)

58-Ce-144





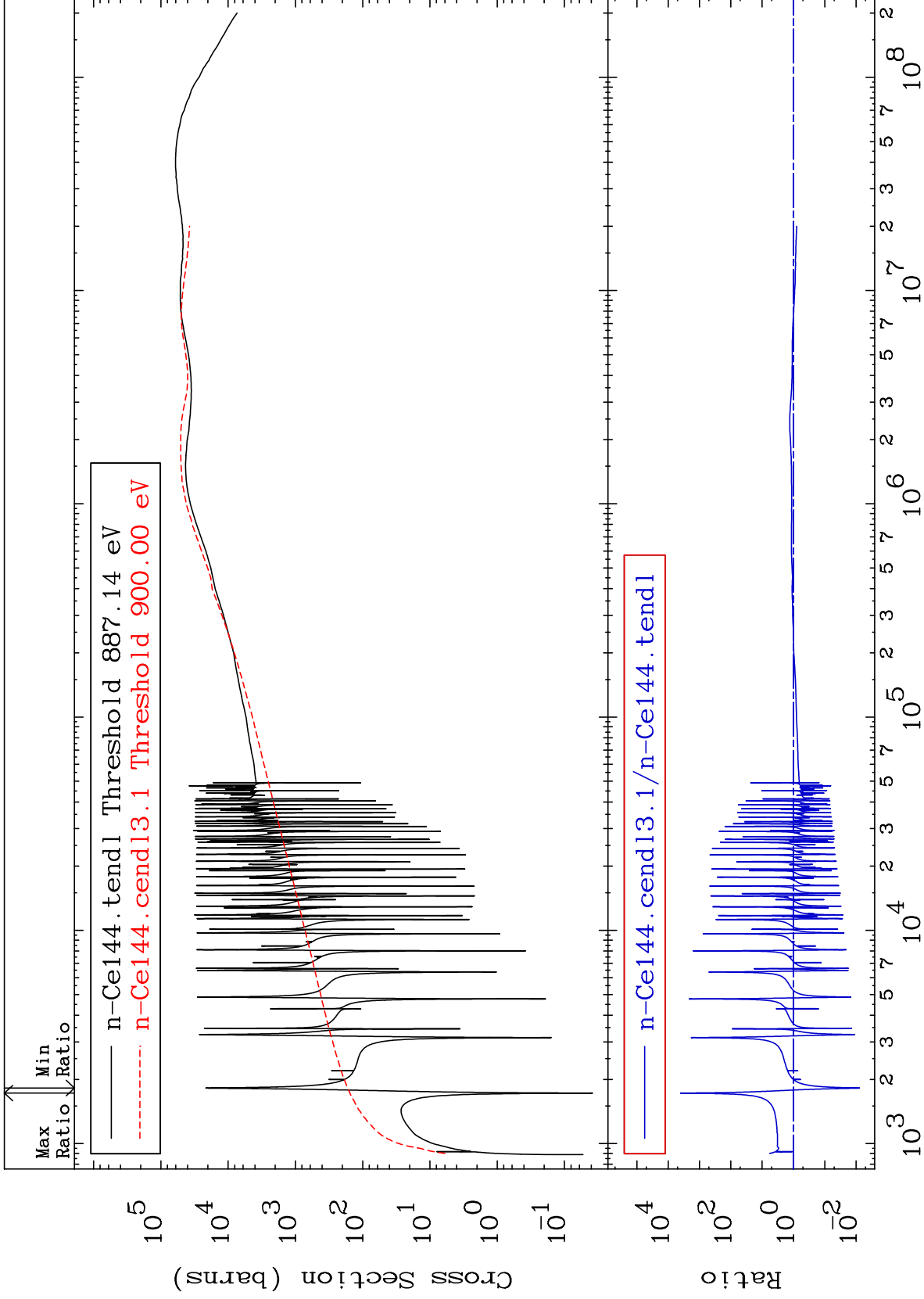




MAT 5849

Dpa elastic (mt2)
Cross Section

58-Ce-144
-99.22 To 9999. %



30

58-Ce-144

