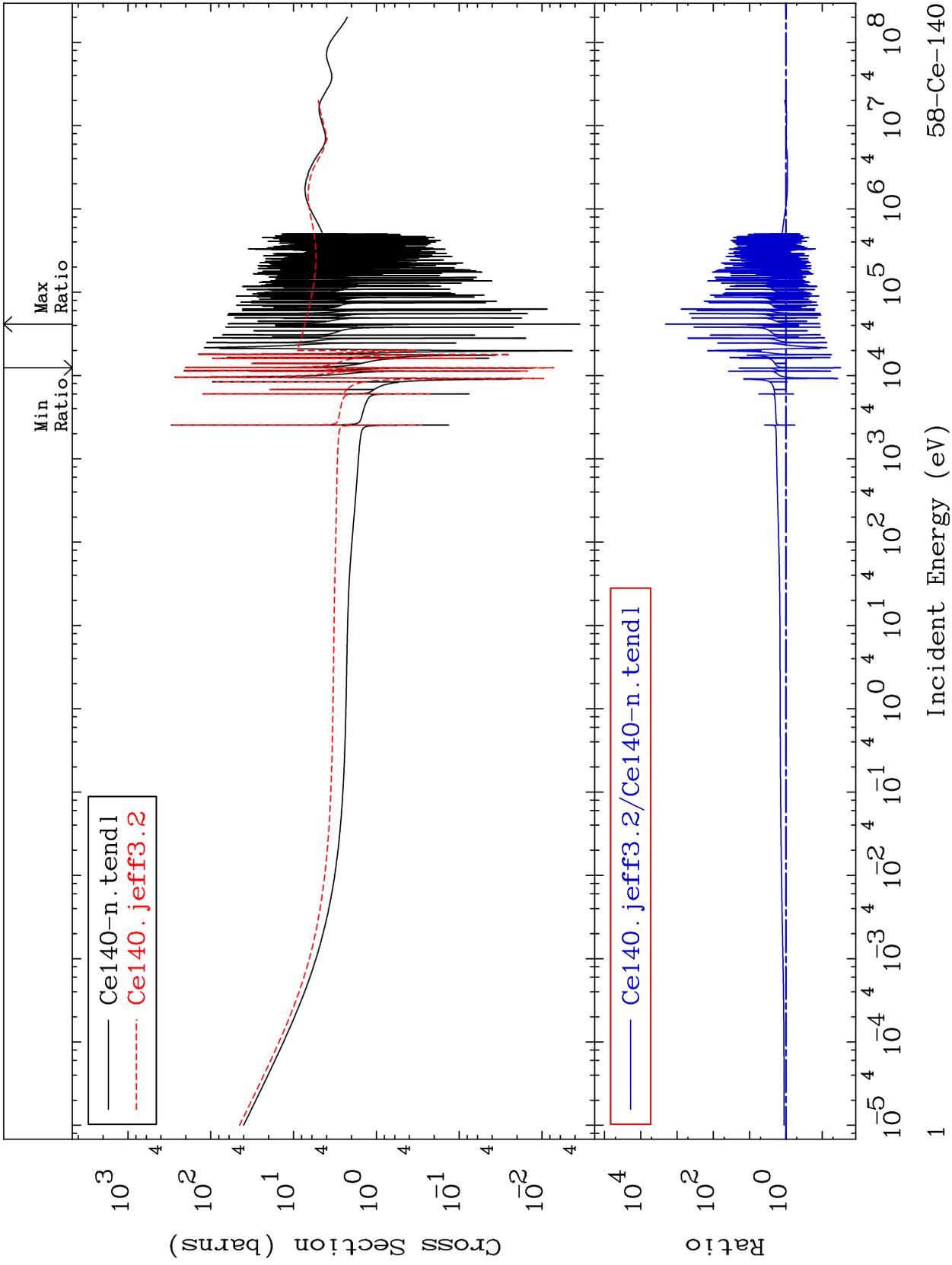


MAT 5837

Total
Cross Section

58-Ce-140
-96.94 To 9999. %



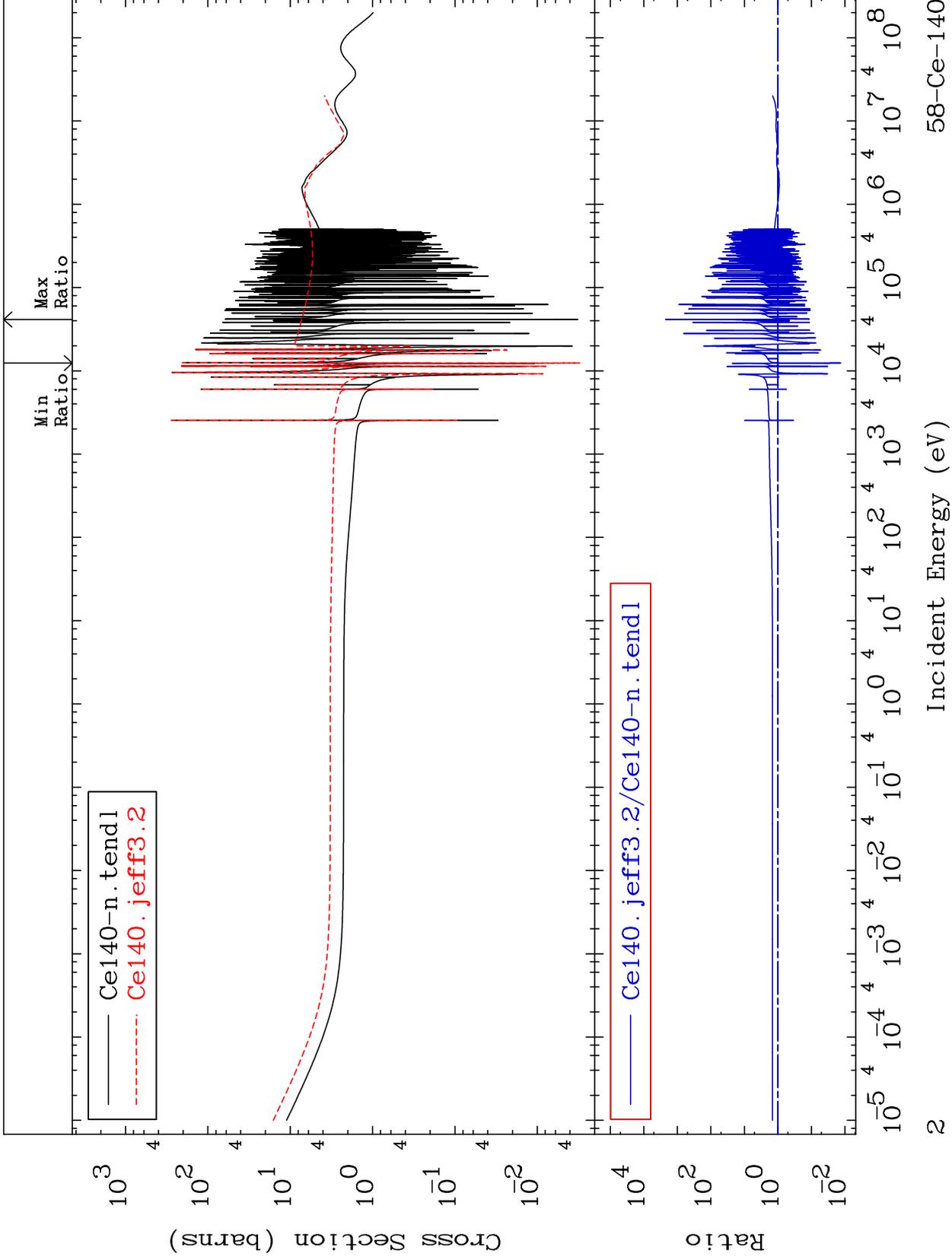
58-Ce-140

Incident Energy (eV)

MAT 5837

Elastic
Cross Section

58-Ce-140
-98.67 To 9999. %



58-Ce-140

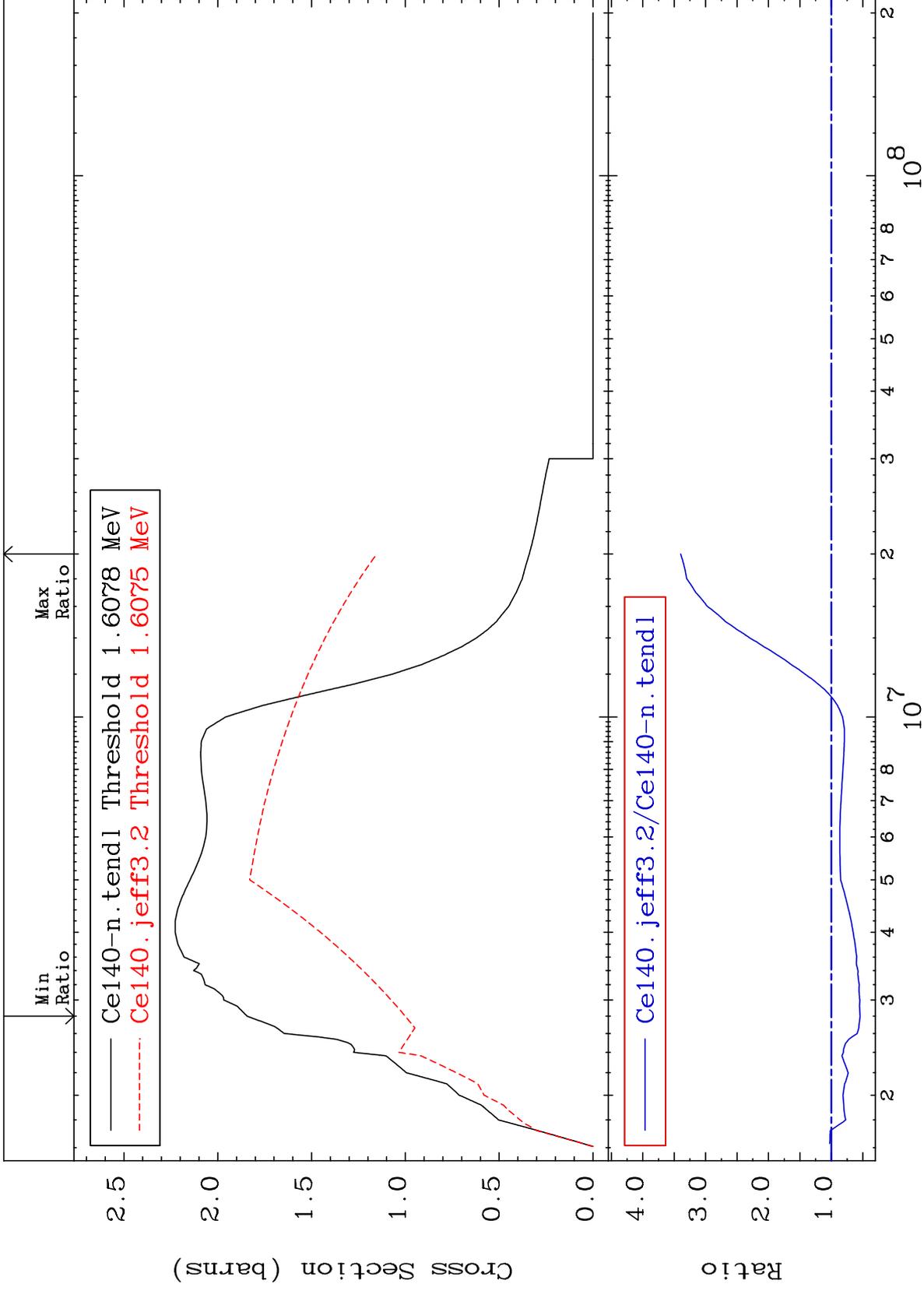
Incident Energy (eV)

2

MAT 5837

Inelastic
Cross Section

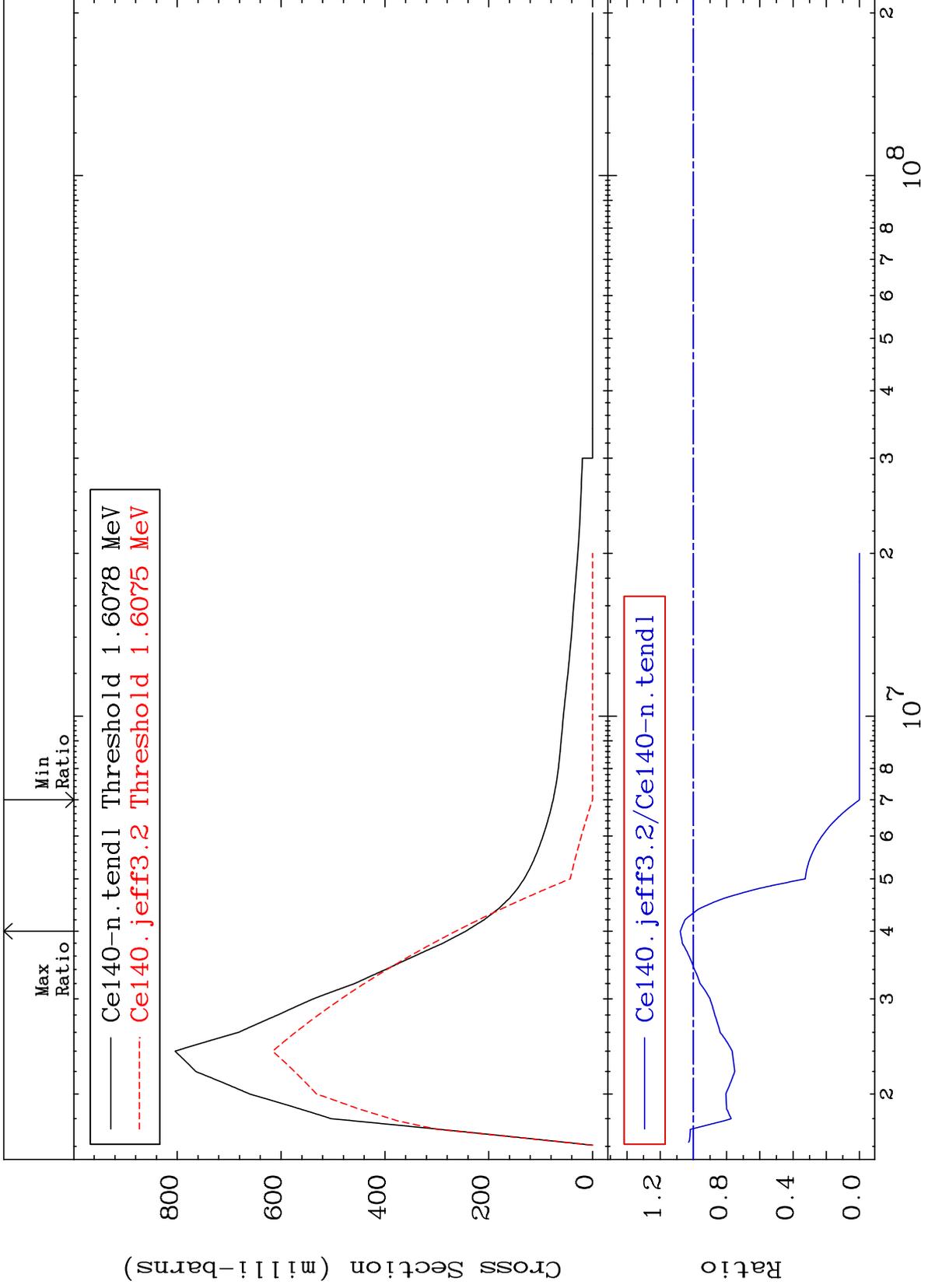
58-Ce-140
-45.72 To 239.6 %



MAT 5837

1.596 MeV (n,n') Level
Cross Section

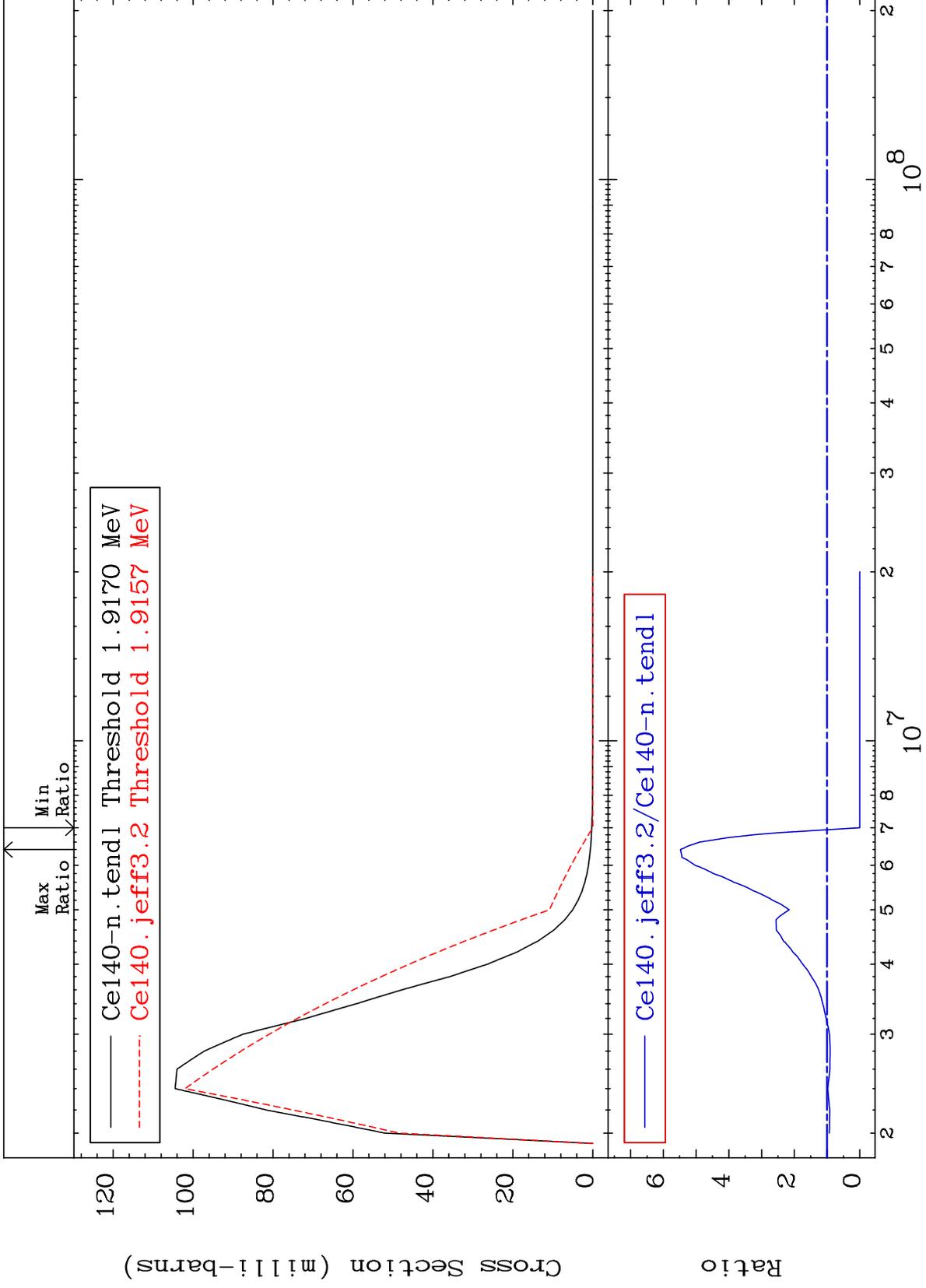
58-Ce-140
-100.0 To 7.903 %



MAT 5837

1.903 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 447.6 %



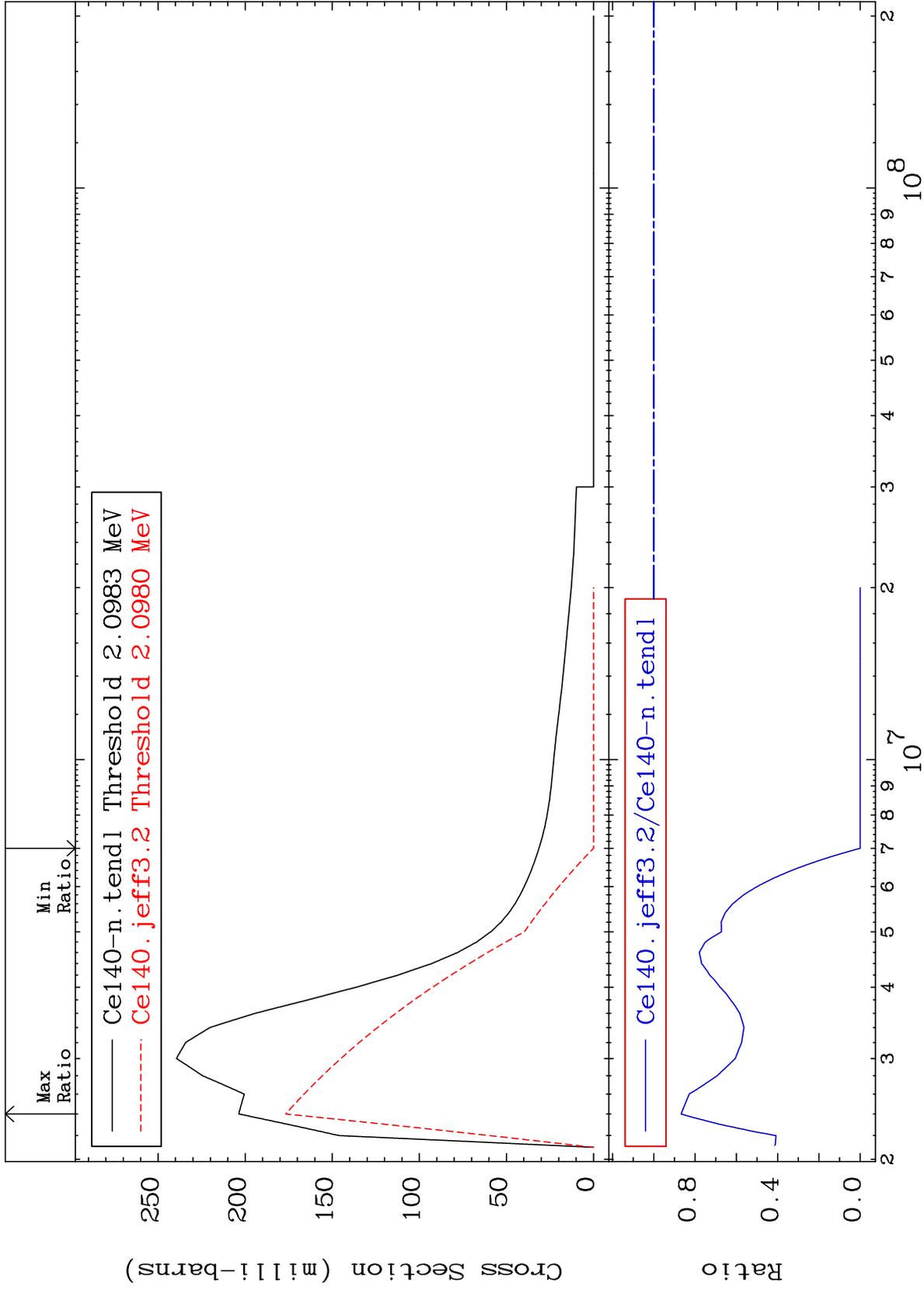
MAT 5837

2.083 MeV (n,n') Level

58-Ce-140

-100.0 To -13.24%

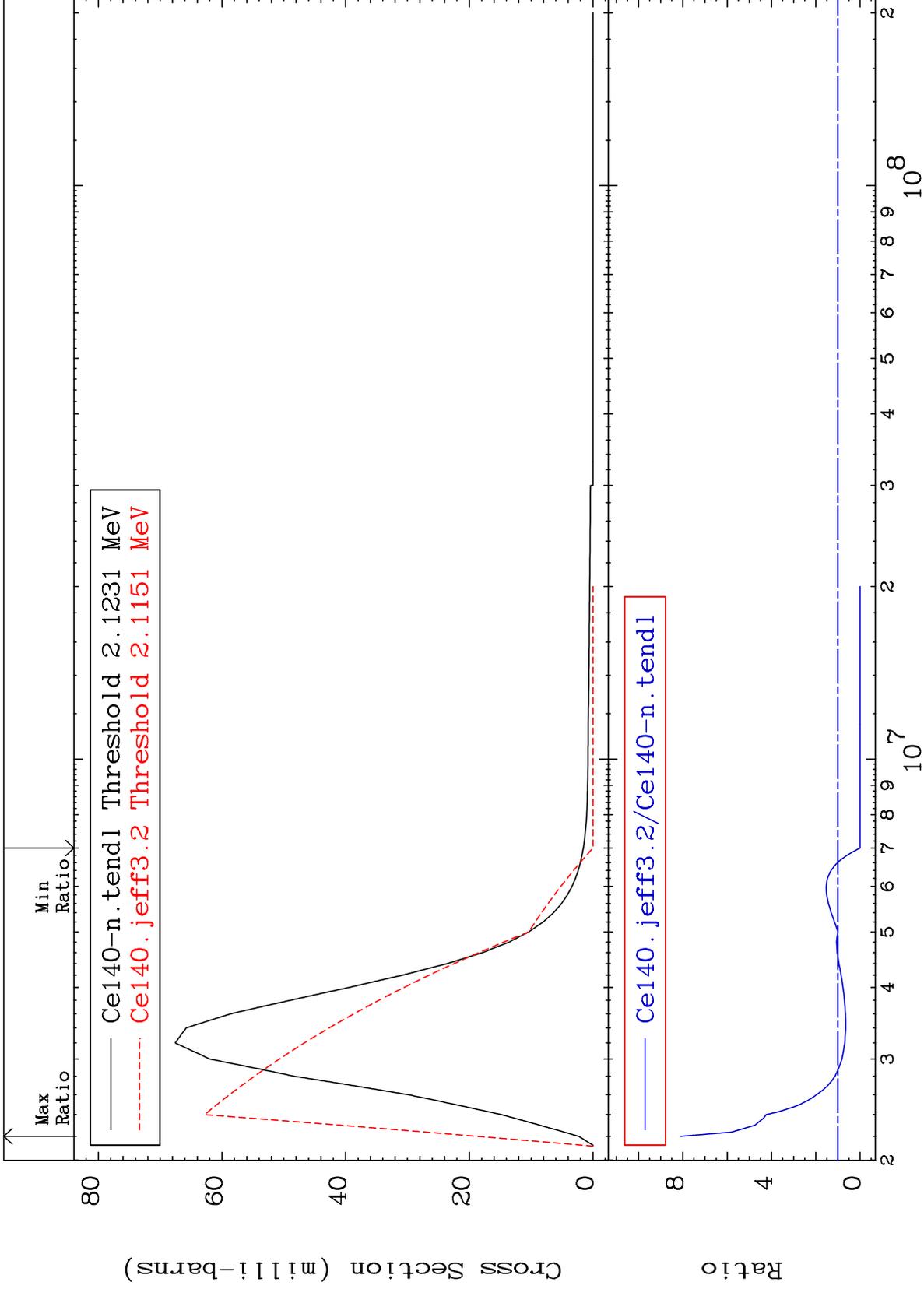
Cross Section



MAT 5837

2.108 MeV (n,n') Level
Cross Section

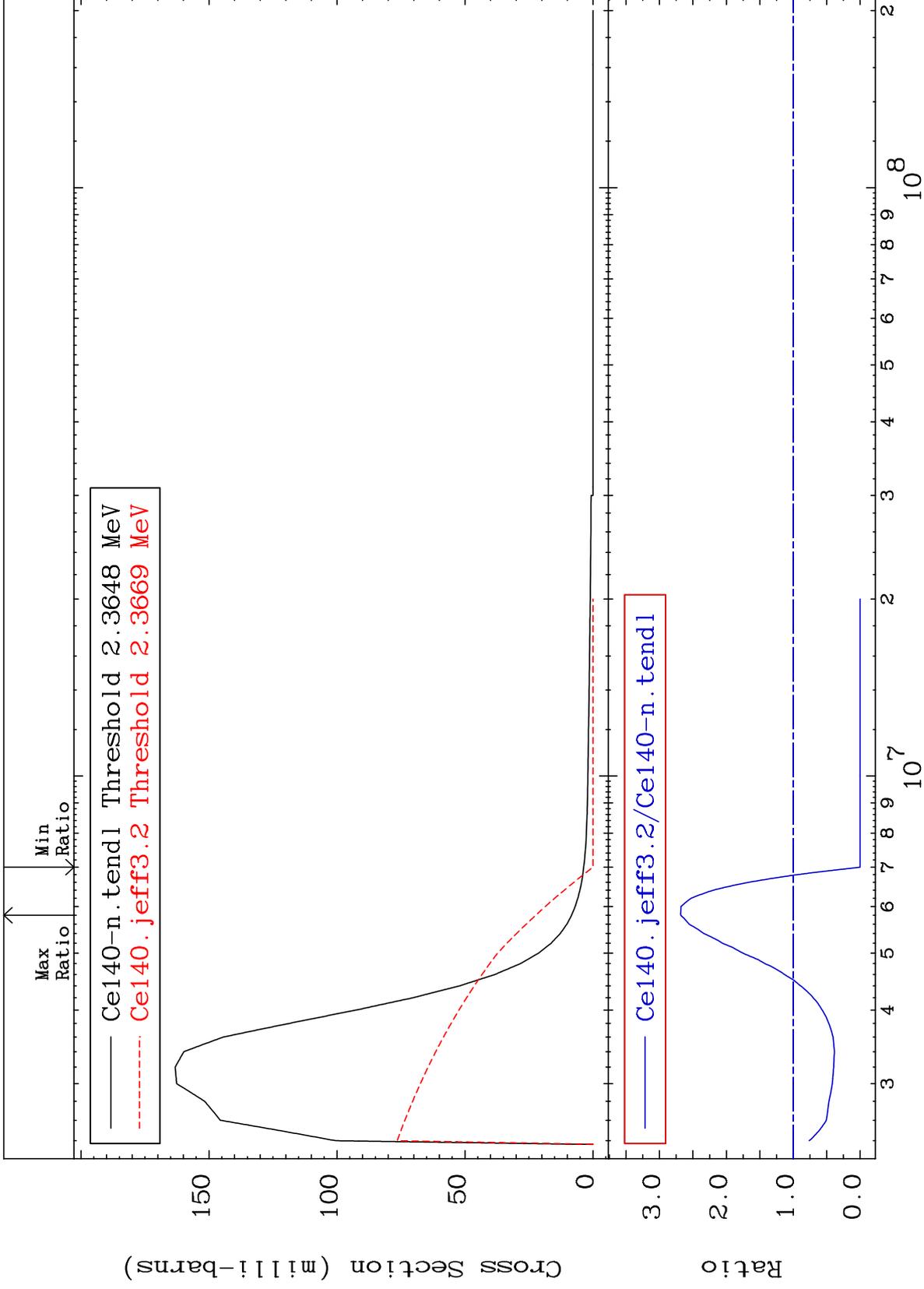
58-Ce-140
-100.0 To 709.6 %



MAT 5837

2.348 MeV (n,n') Level
Cross Section

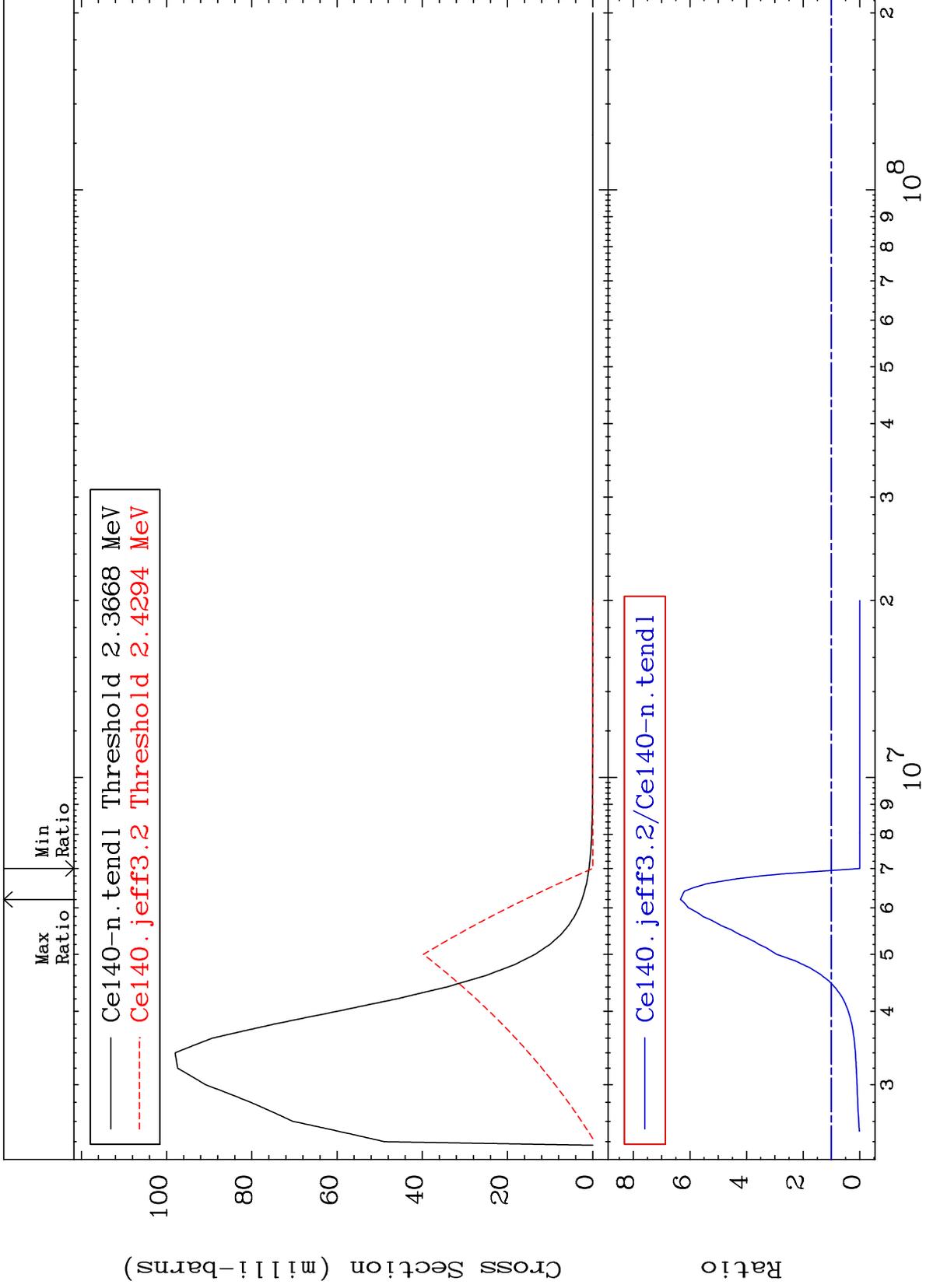
58-Ce-140
-100.0 To 168.2 %



MAT 5837

2.350 MeV (n,n') Level
Cross Section

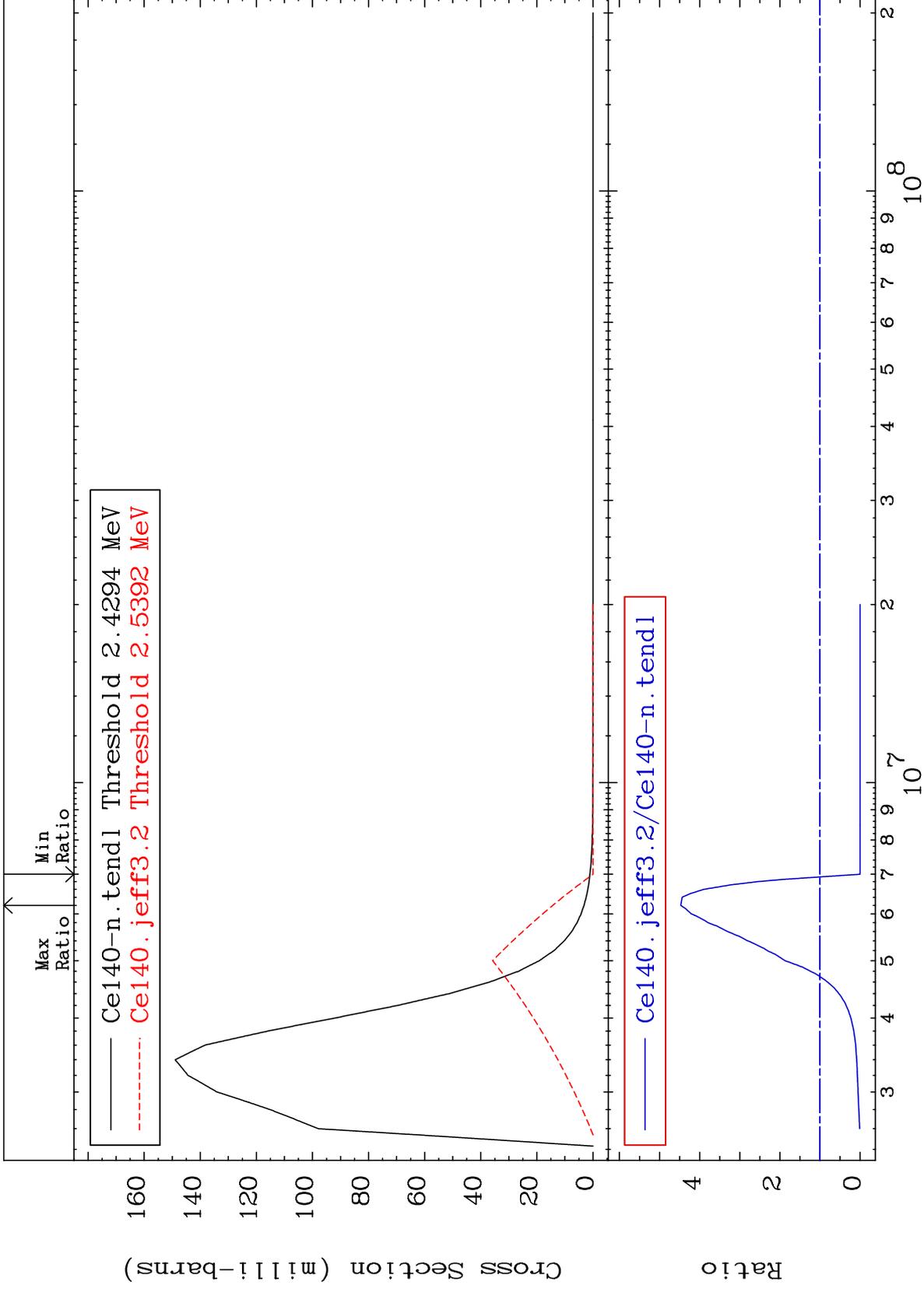
58-Ce-140
-100.0 To 533.4 %



MAT 5837

2.412 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 347.1 %



10

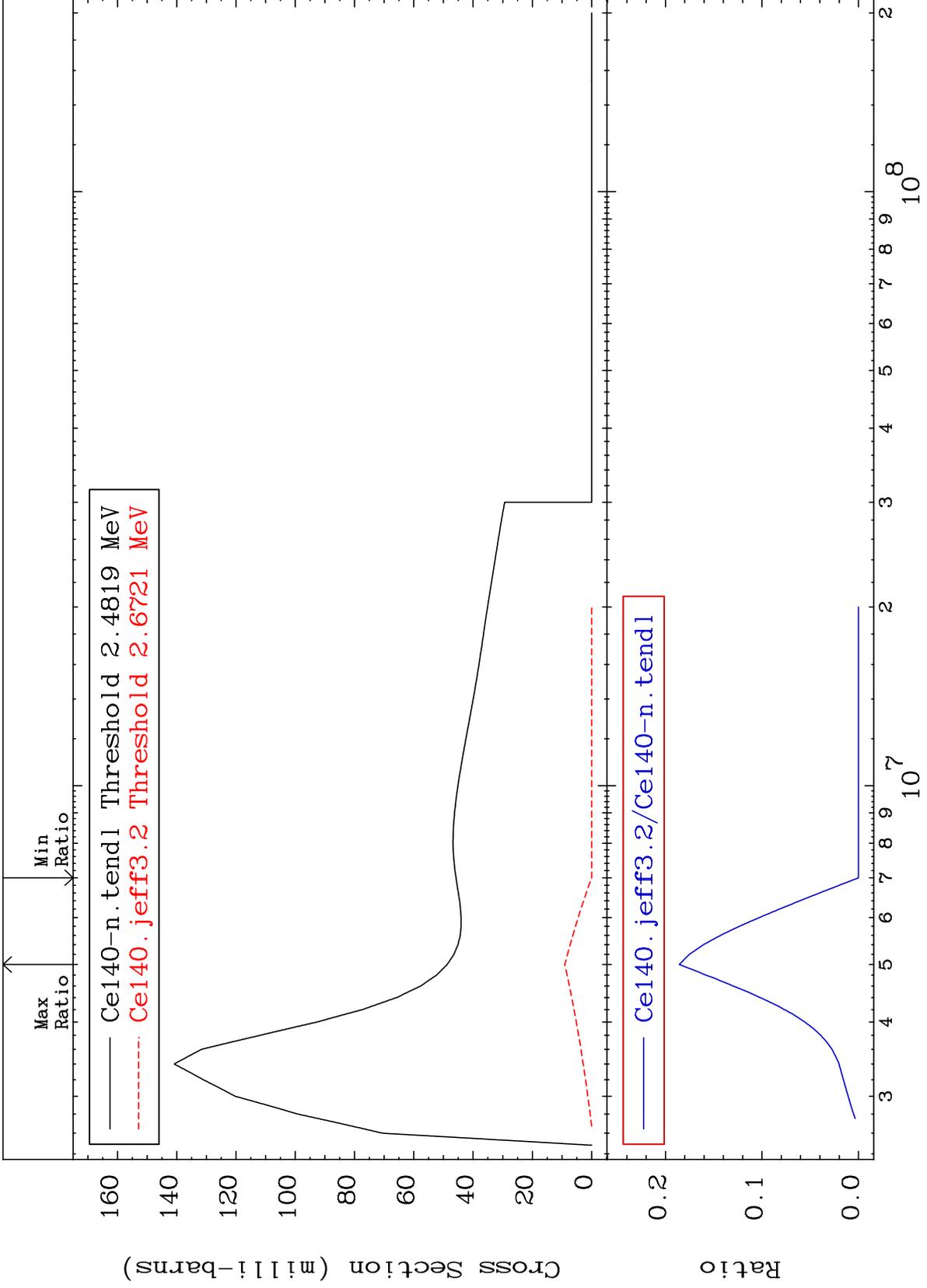
Incident Energy (eV)

58-Ce-140

MAT 5837

2.464 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To -81.43%



11

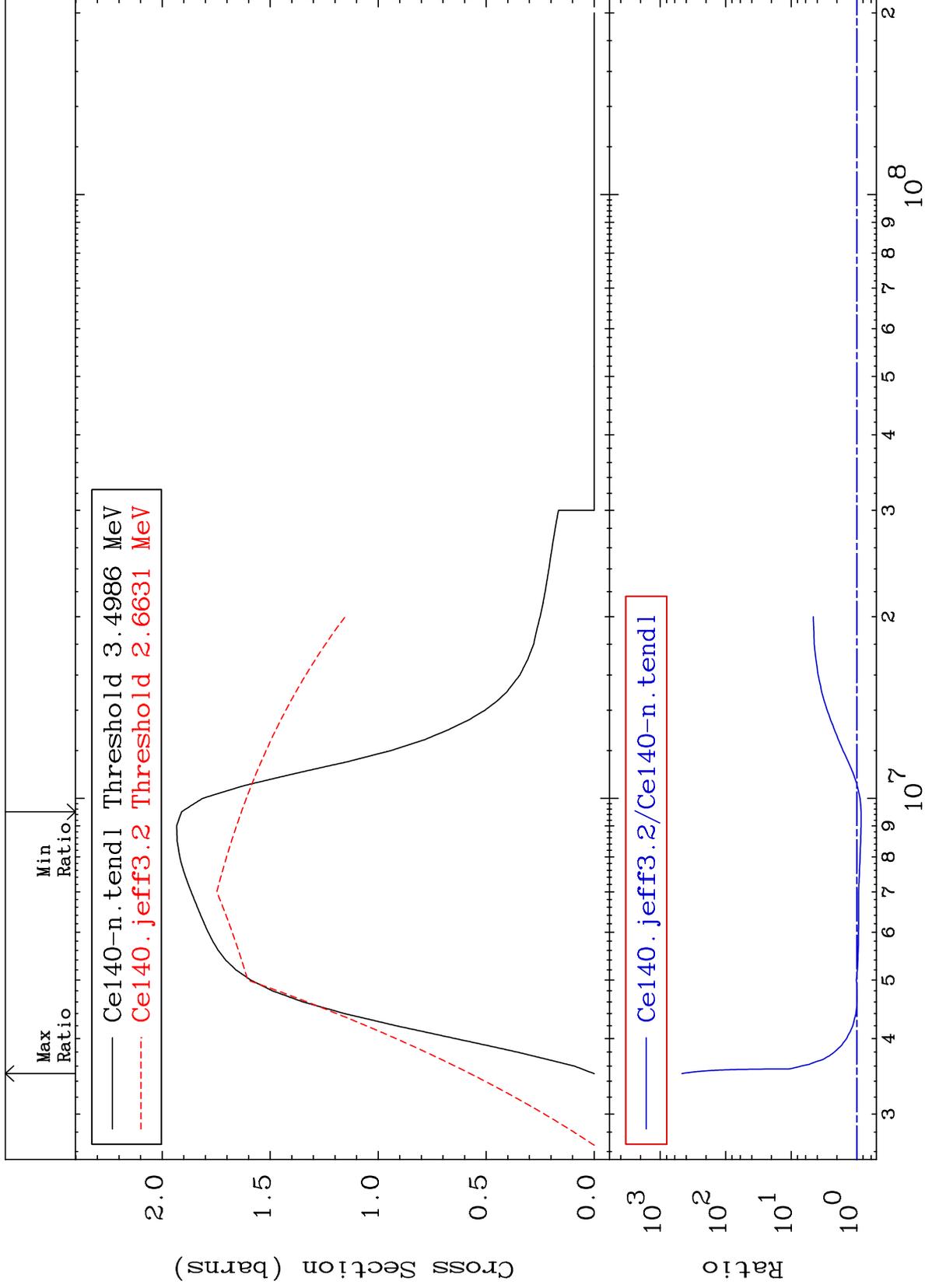
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, n') Continuum
Cross Section

58-Ce-140
-14.50 To 9999. %



12

Incident Energy (eV)

58-Ce-140

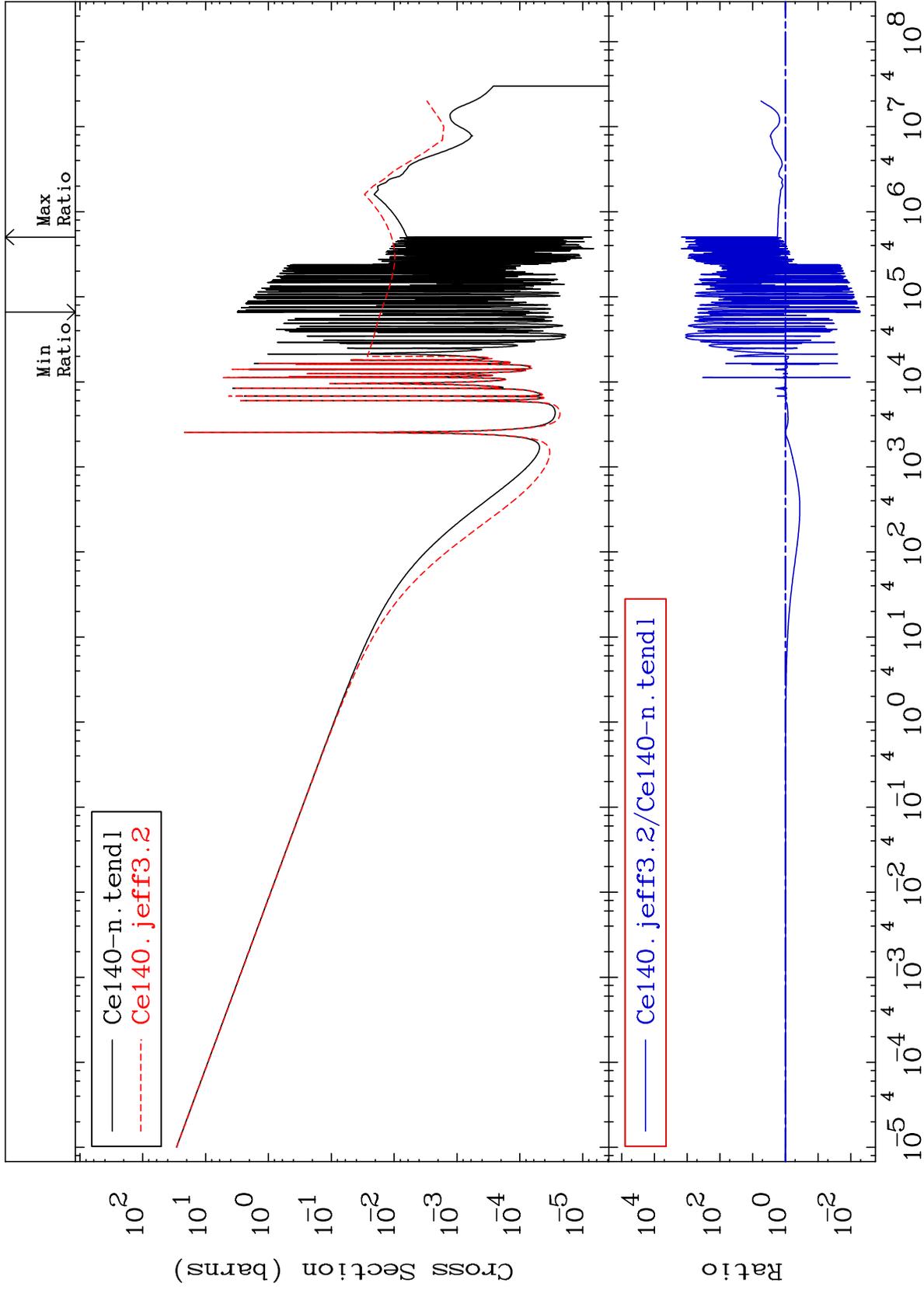
MAT 5837

(n, γ)

58-Ce-140

Cross Section

-99.48 To 9999. %



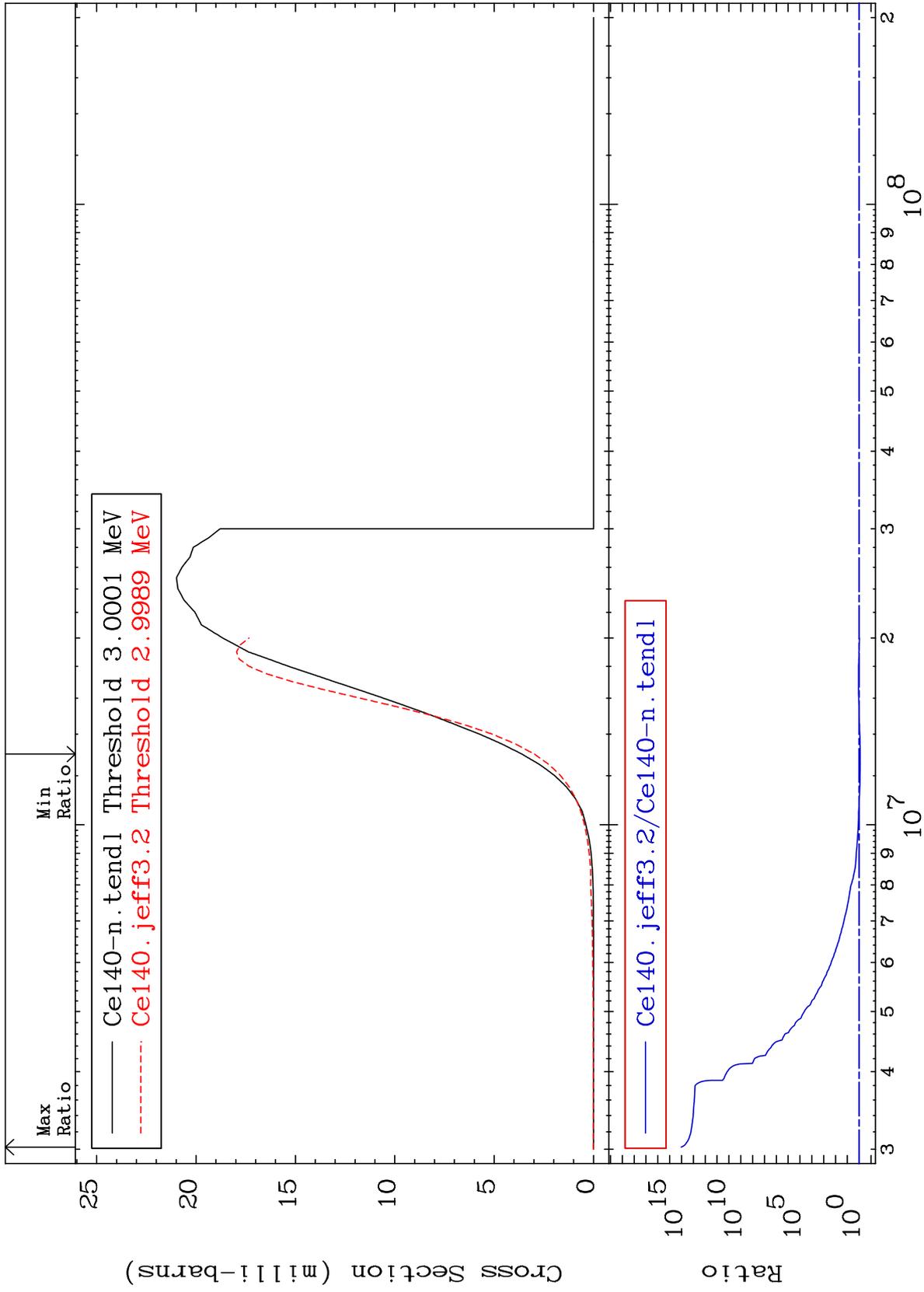
MAT 5837

(n,p)

58-Ce-140

Cross Section

-17.41 To 9999. %



14

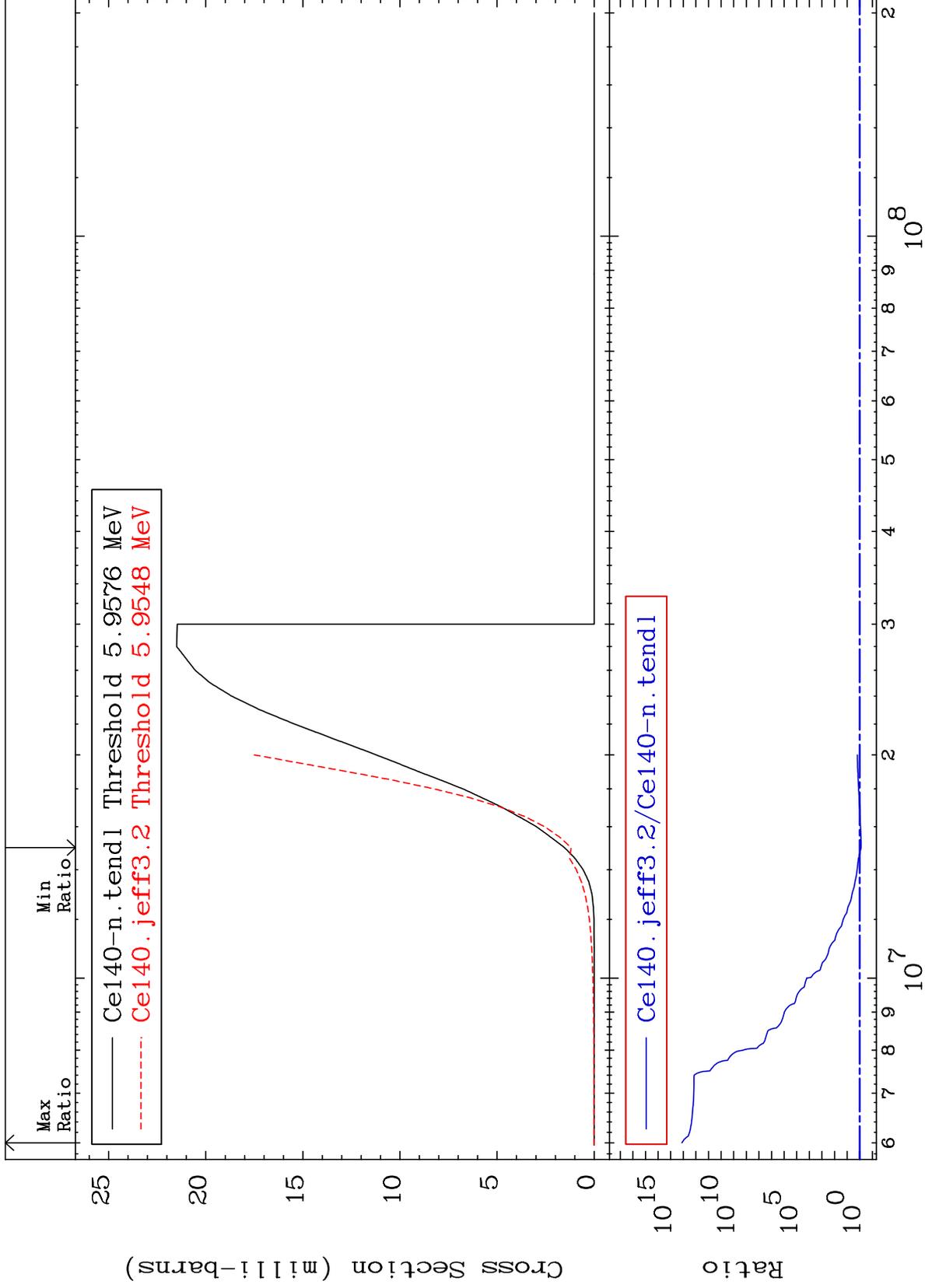
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, d)
Cross Section

58-Ce-140
-22.50 To 9999. %



15

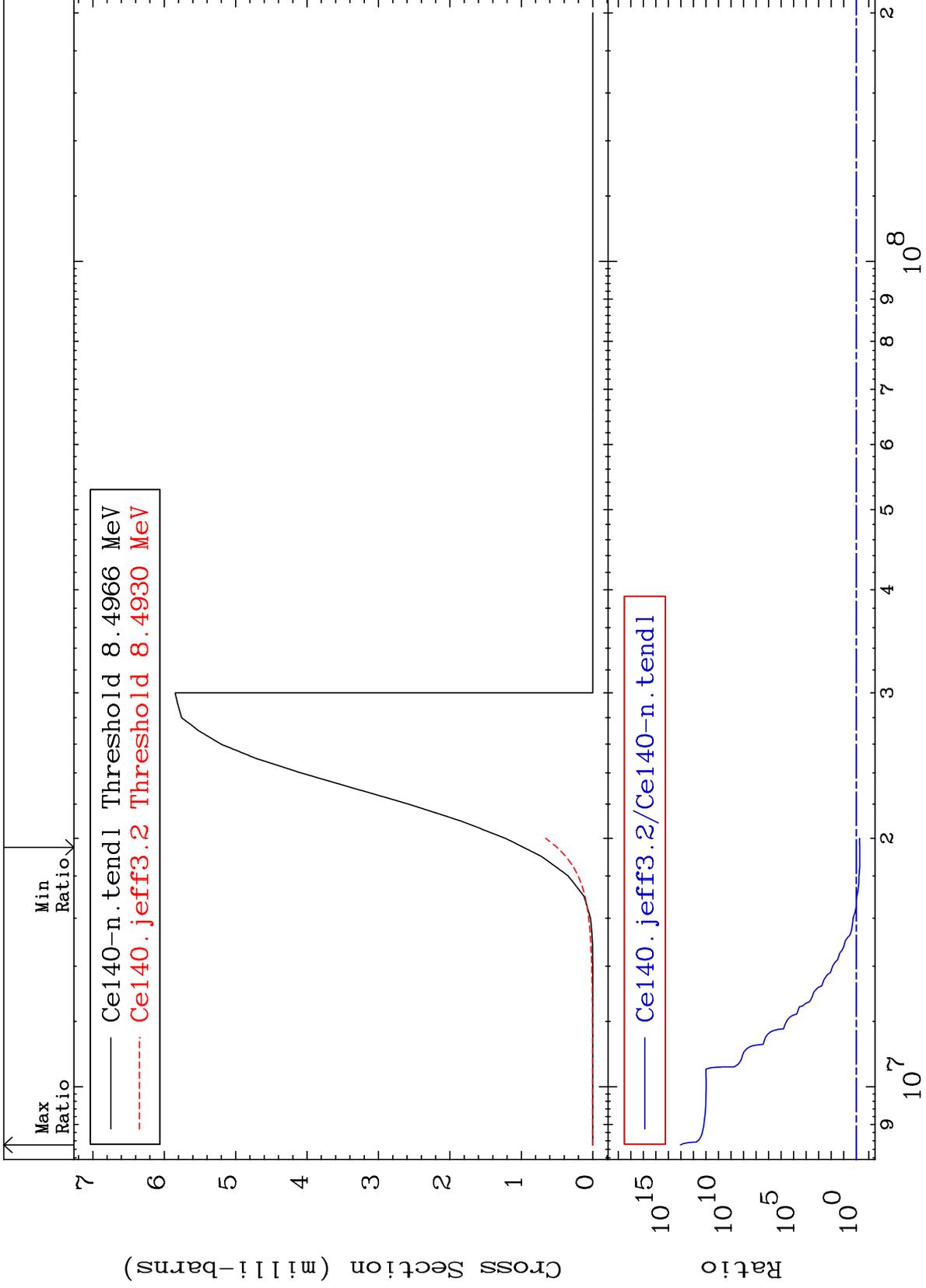
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, t)
Cross Section

58-Ce-140
-48.53 To 9999. %



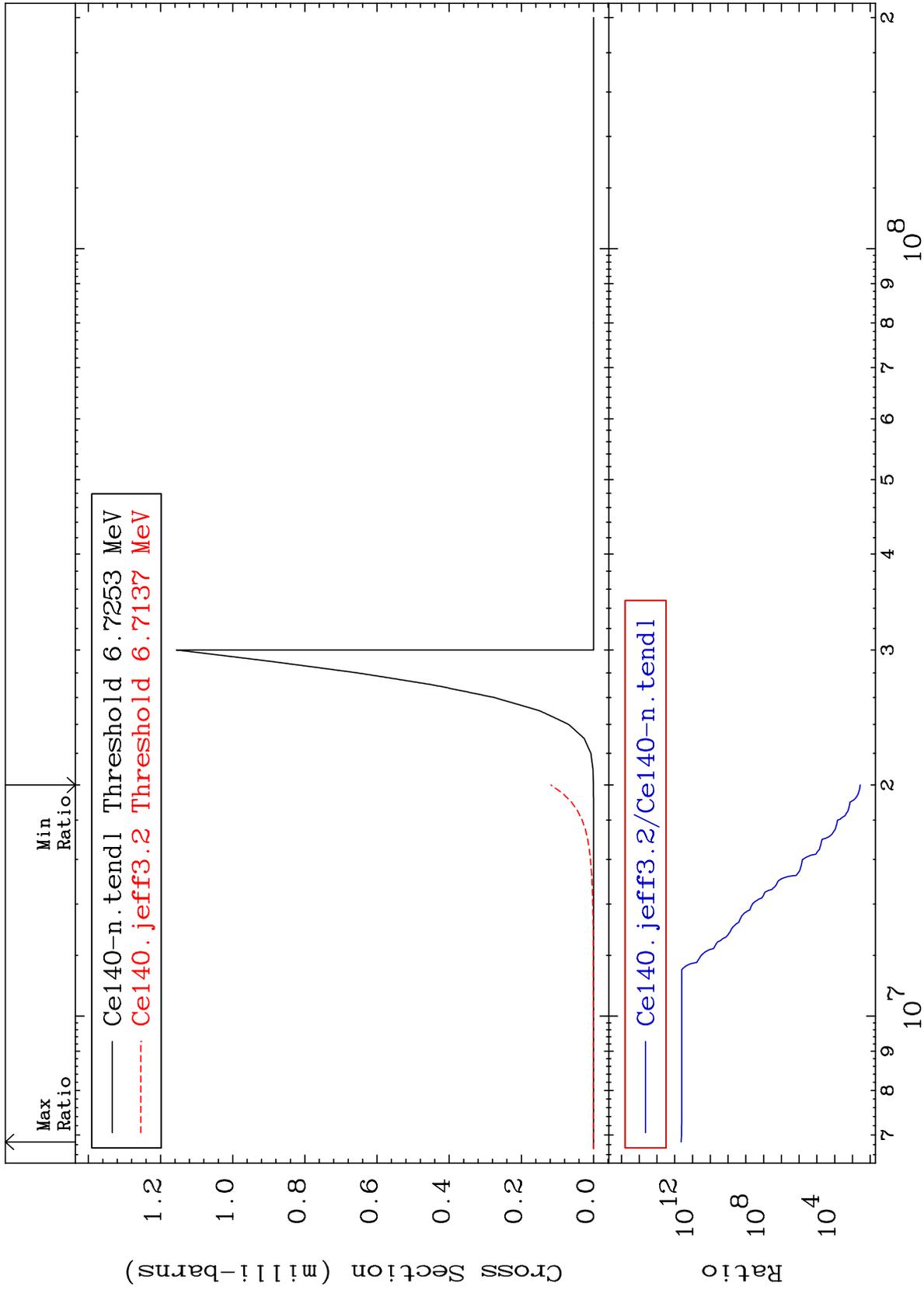
MAT 5837

(n, He-3)

58-Ce-140

Cross Section

9999. % To 9999. %



17

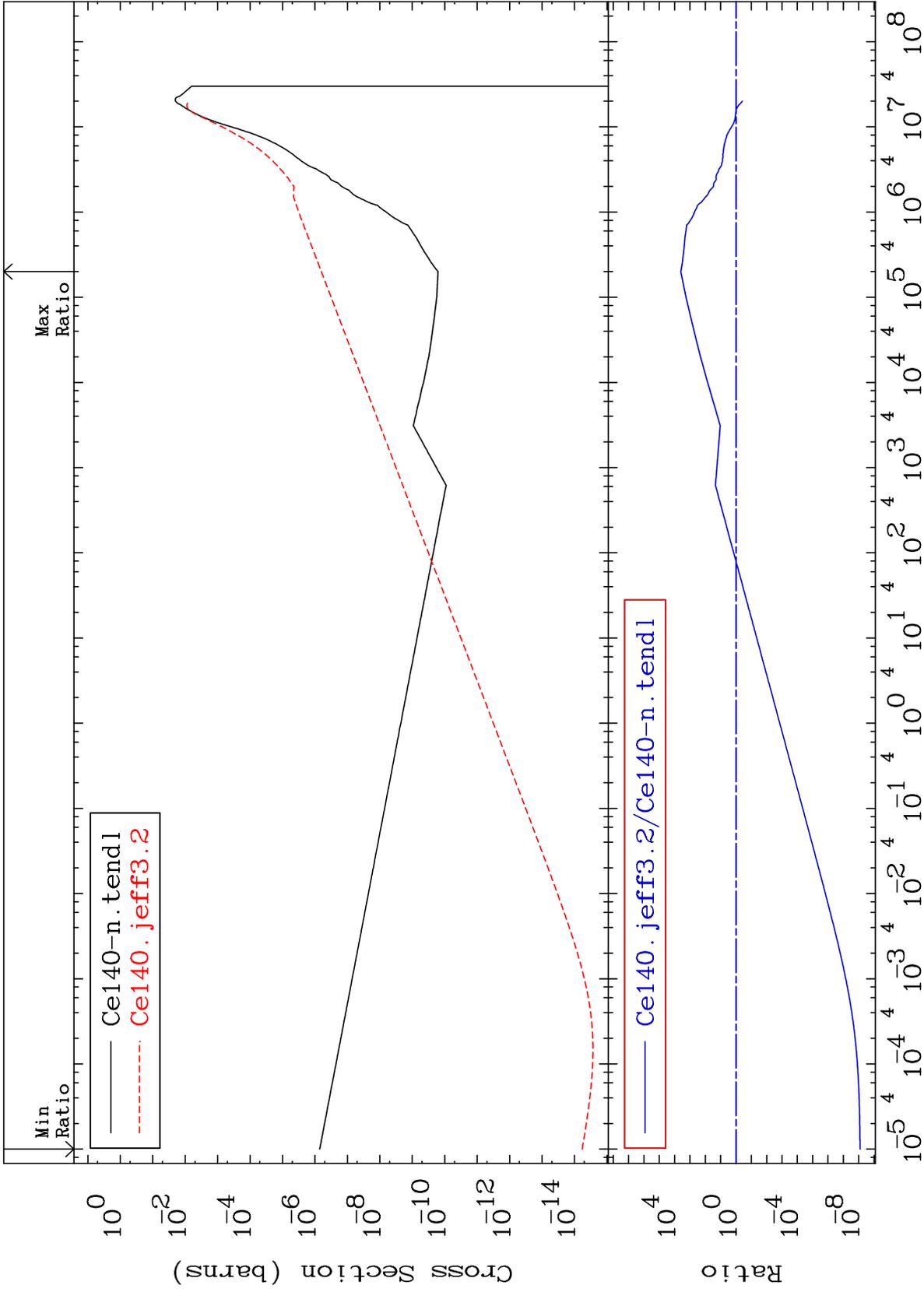
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, α)
Cross Section

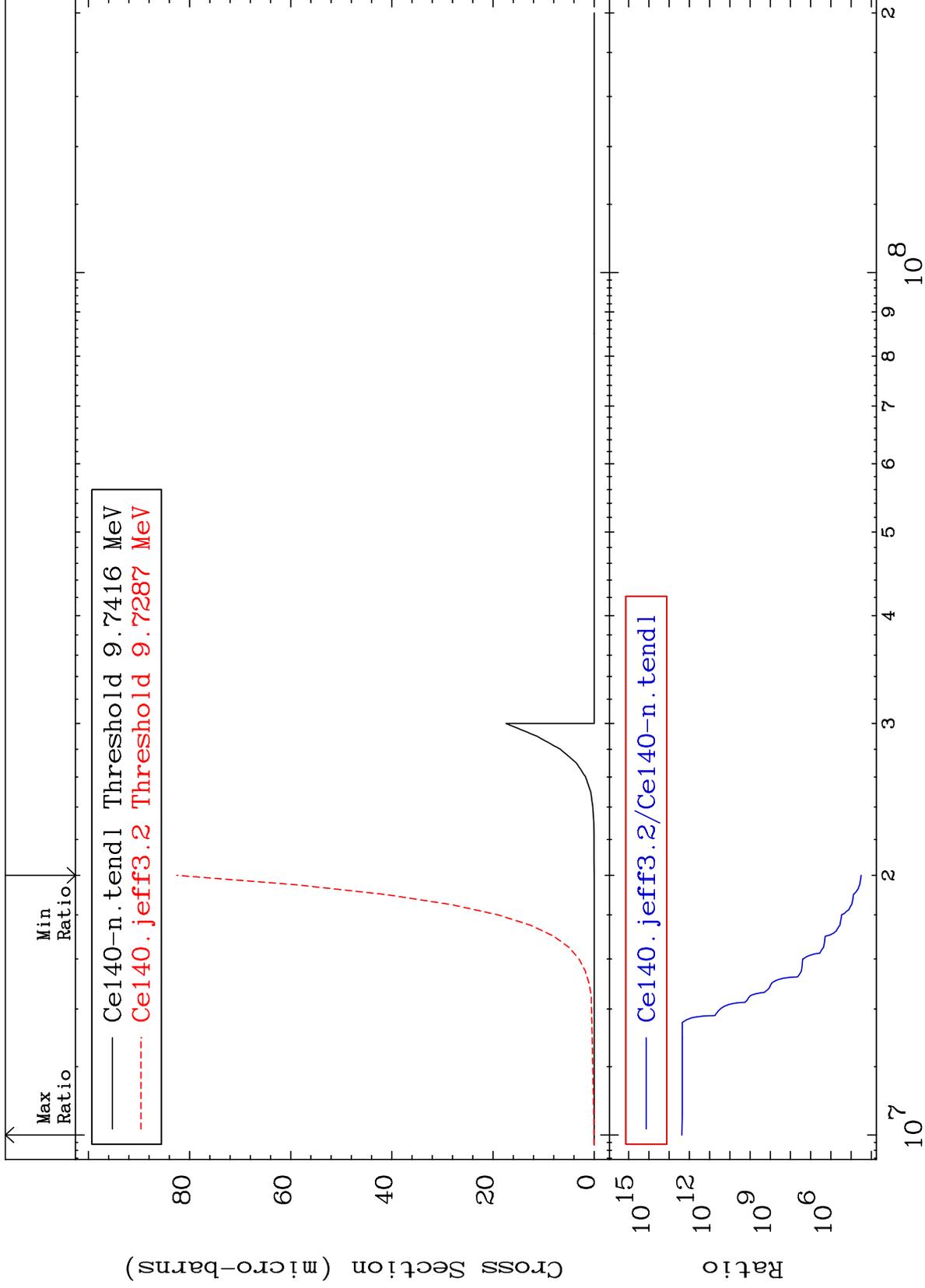
58-Ce-140
-100.0 To 9999. %



MAT 5837

(n,2p)
Cross Section

58-Ce-140
To 9999. %



19

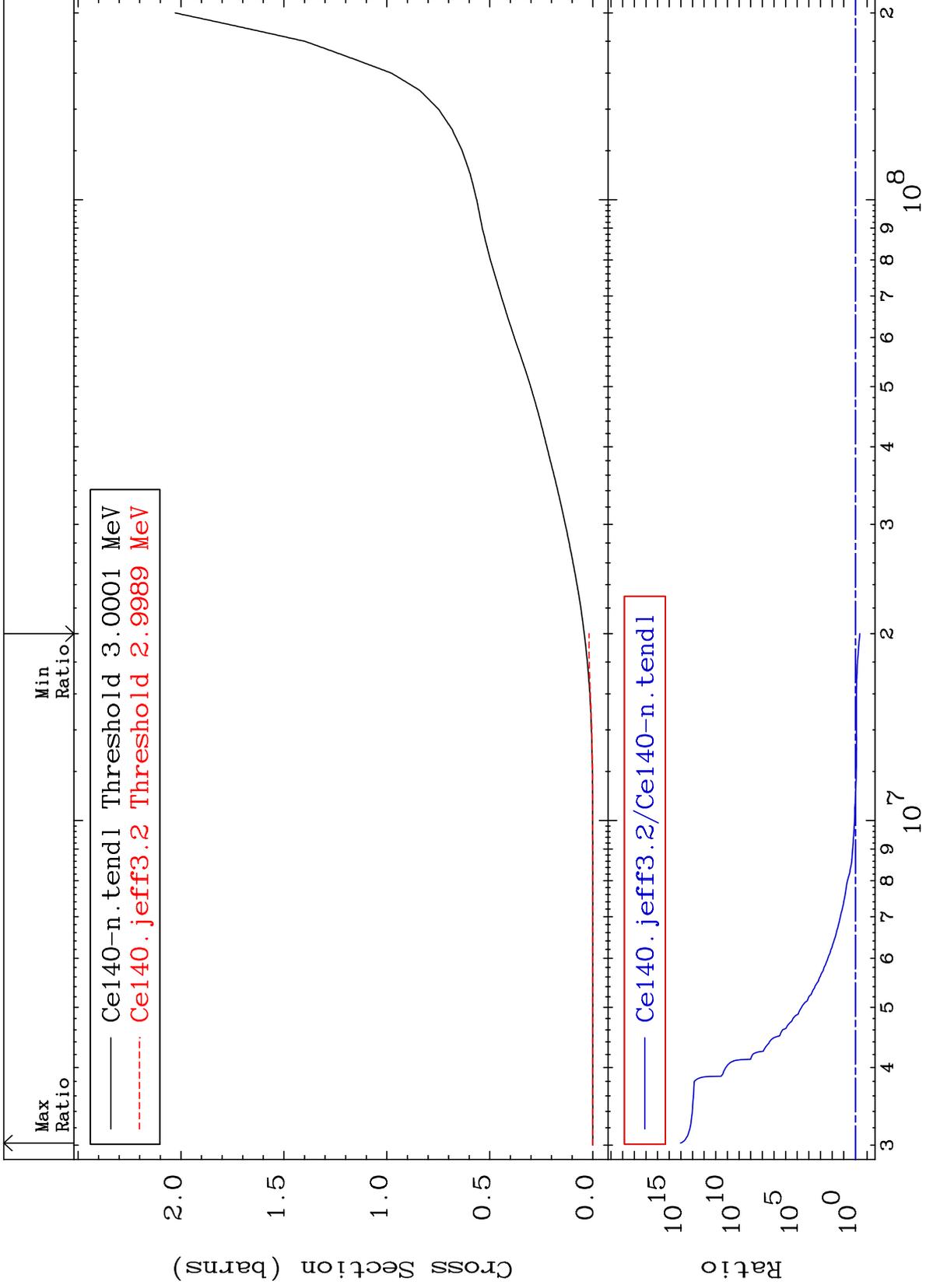
Incident Energy (eV)

58-Ce-140

MAT 5837

Hydrogen Production
Cross Section

58-Ce-140
-57.73 To 9999. %



20

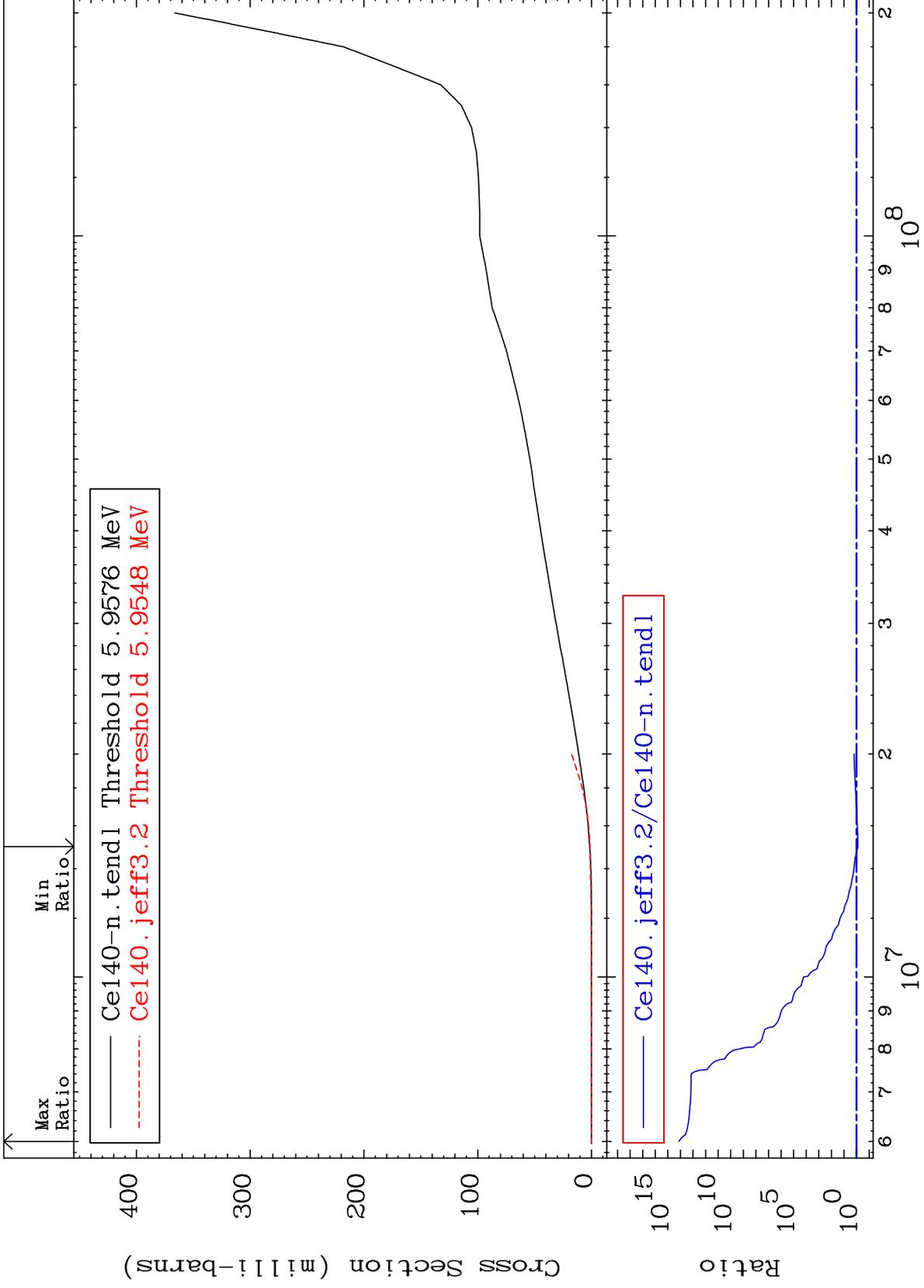
Incident Energy (eV)

58-Ce-140

MAT 5837

Deuterium Production
Cross Section

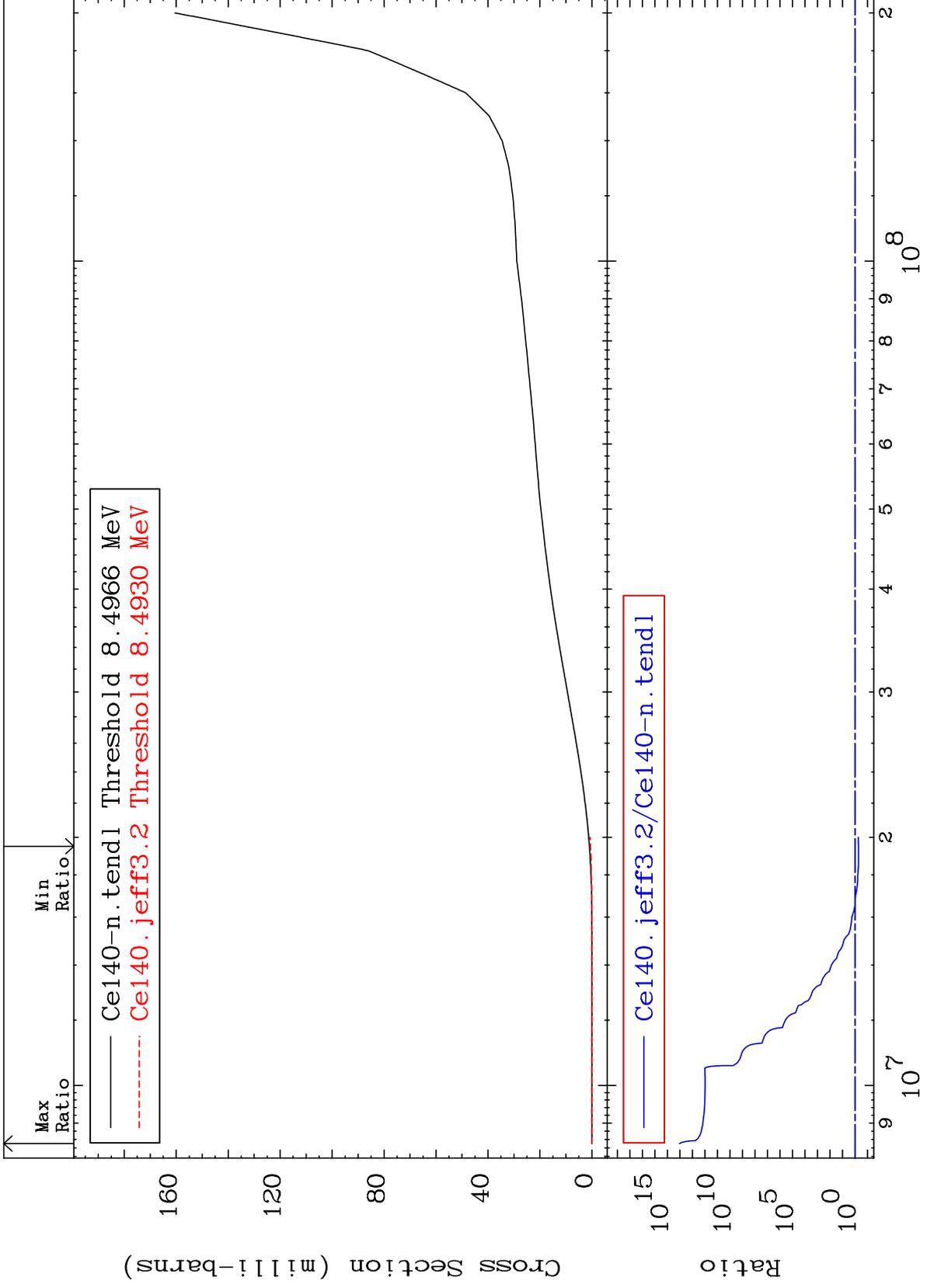
58-Ce-140
-22.50 To 9999. %



MAT 5837

Tritium Production
Cross Section

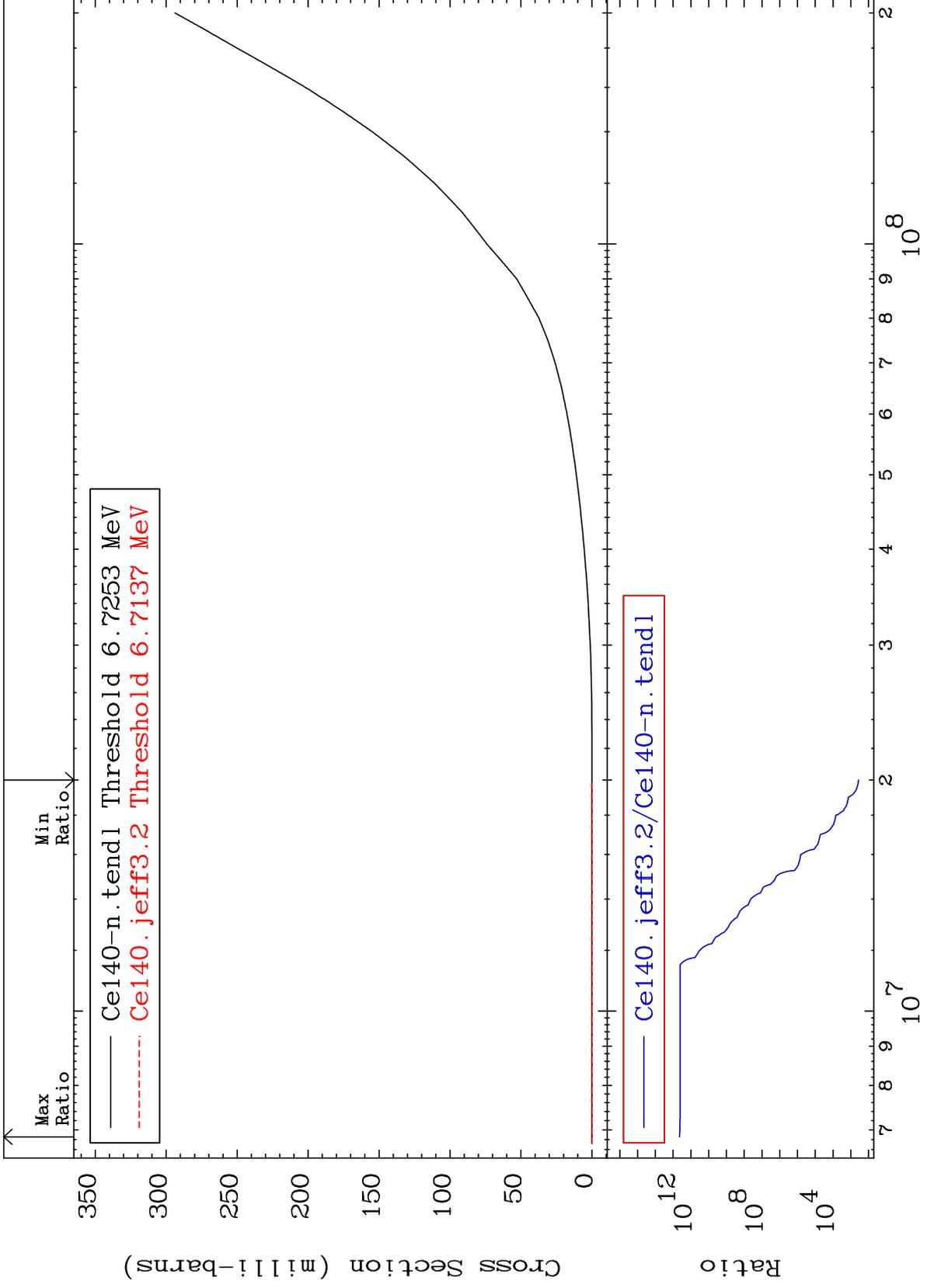
58-Ce-140
-48.53 To 9999. %



MAT 5837

He-3 Production
Cross Section

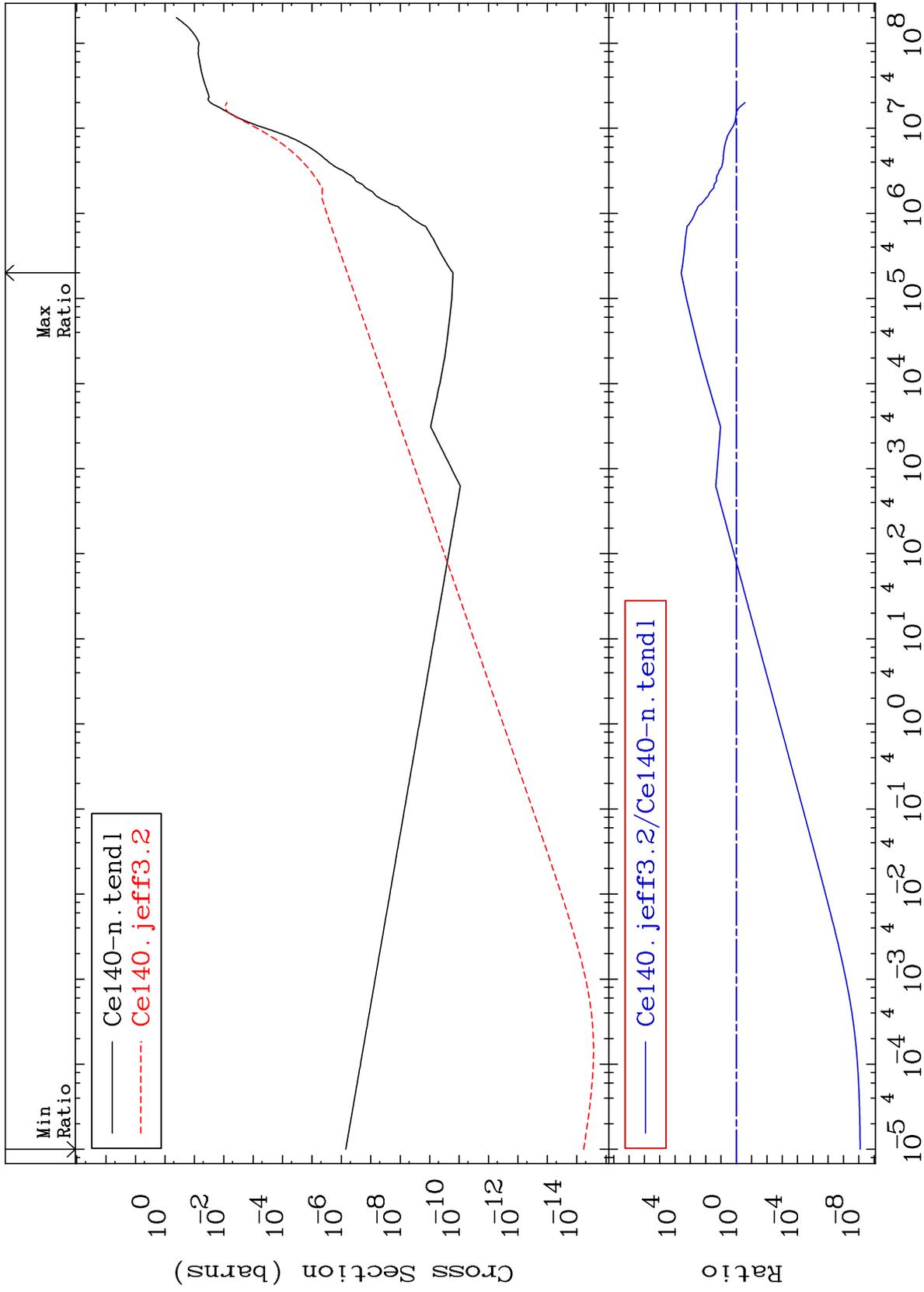
58-Ce-140
To 9999. %

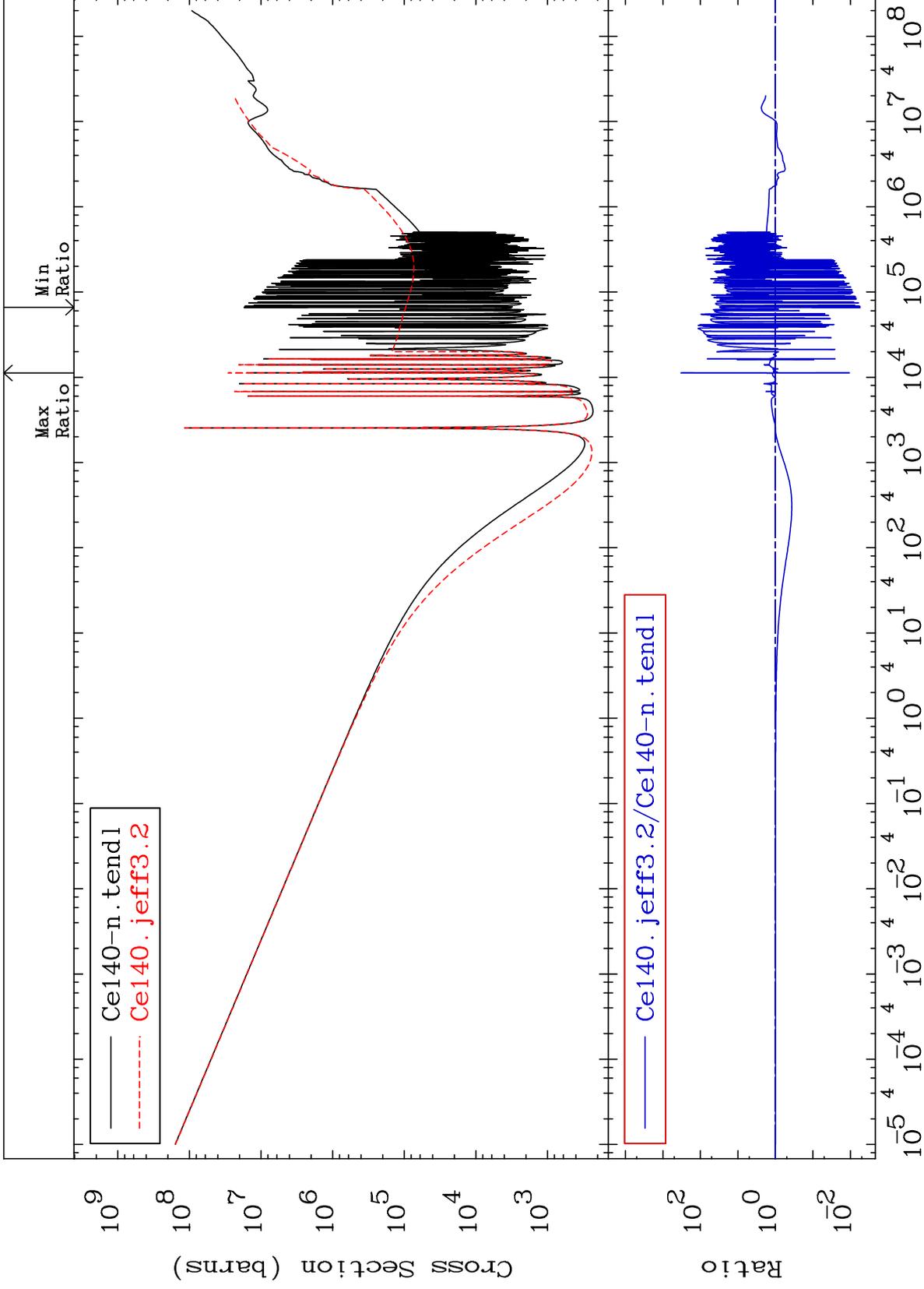


MAT 5837

He-4 Production
Cross Section

58-Ce-140
-100.0 To 9999. %

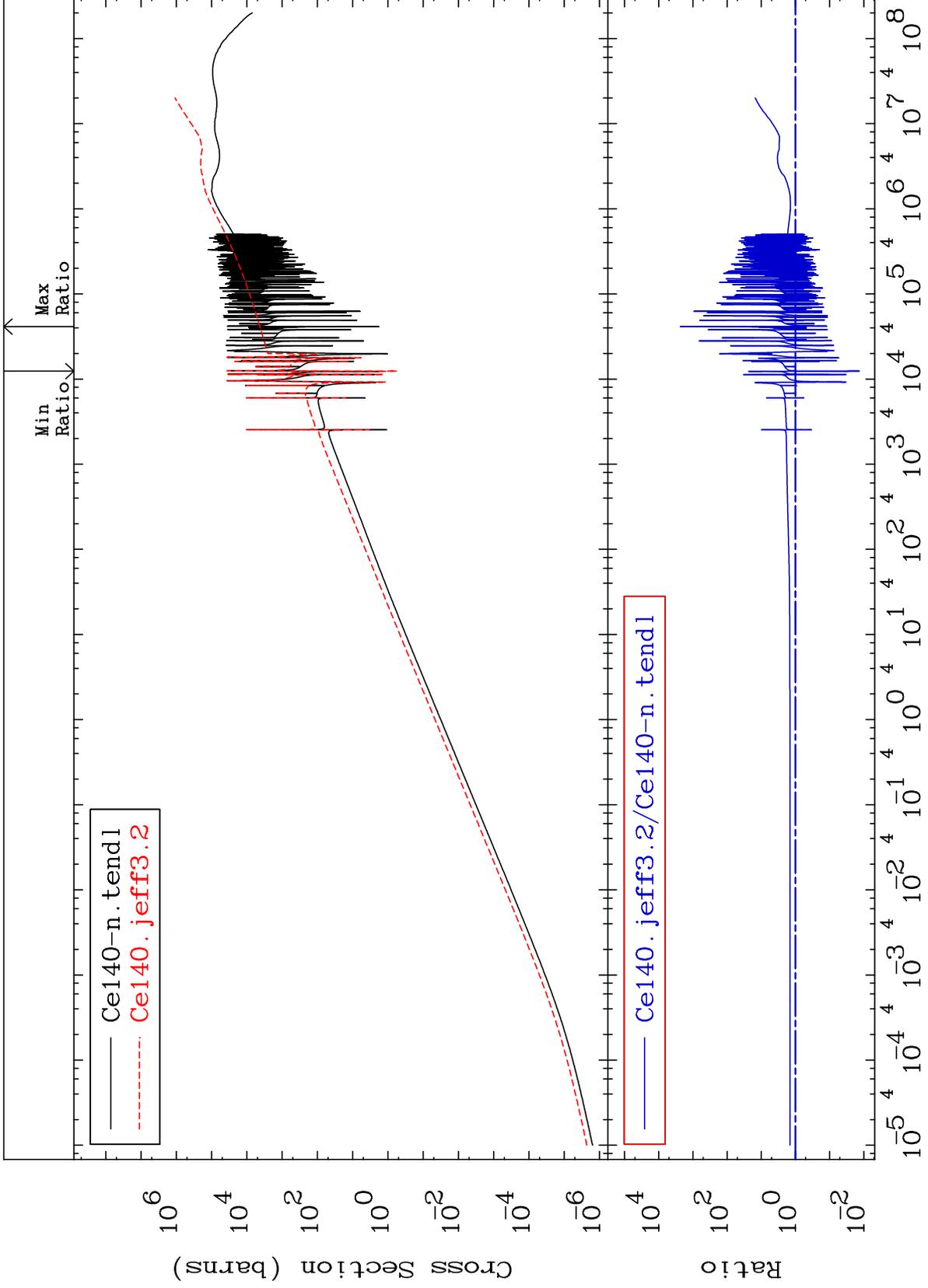


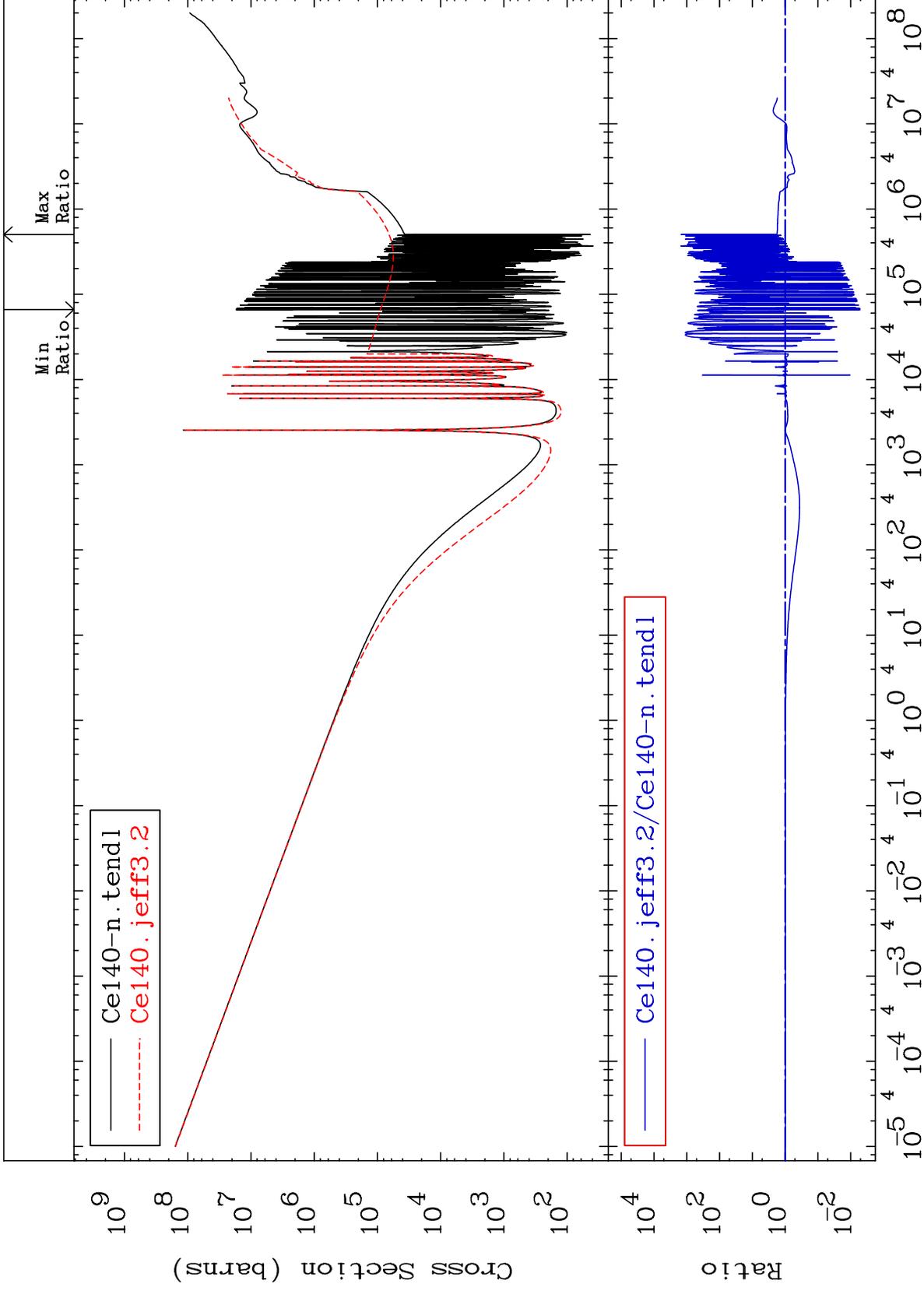


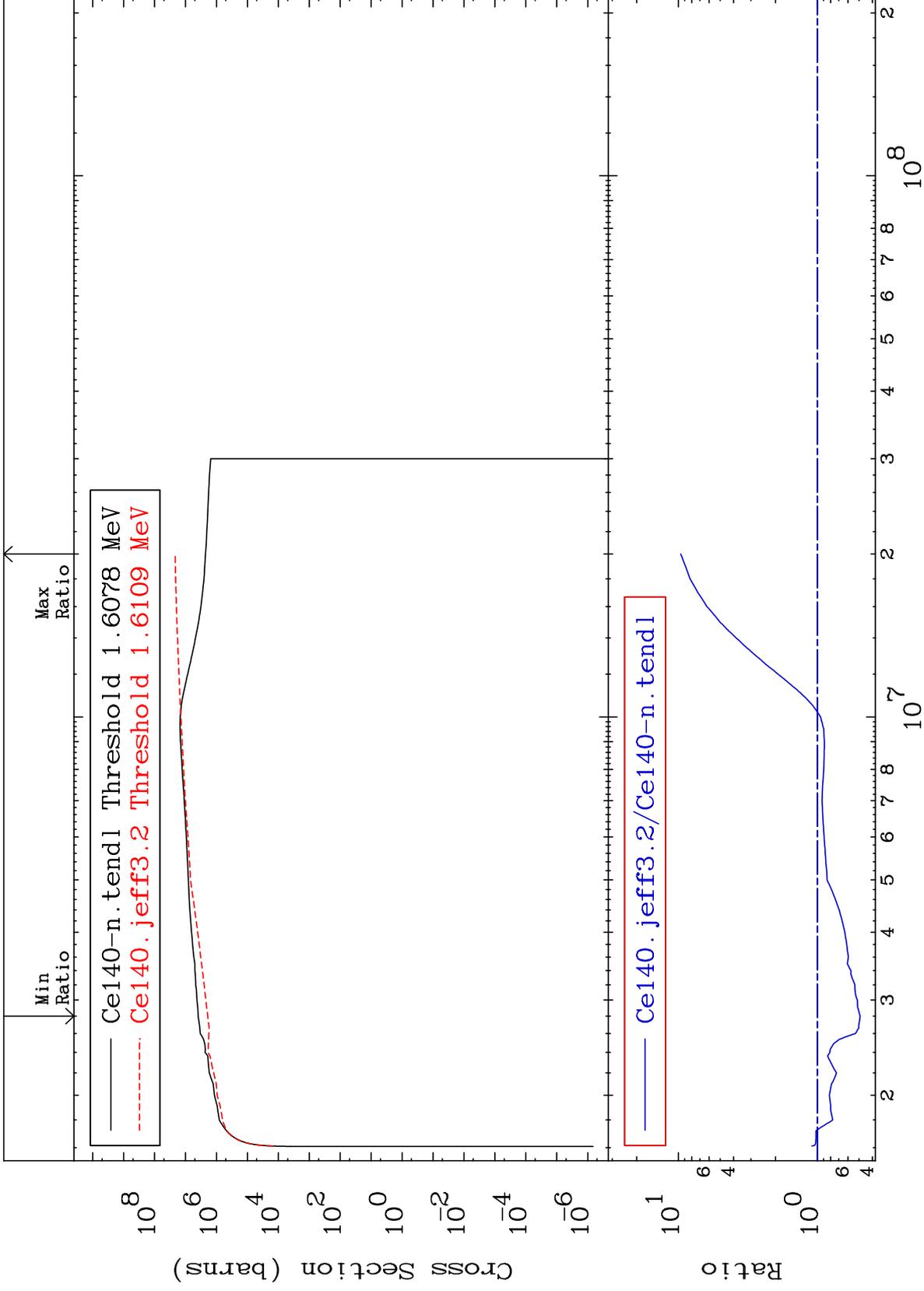
MAT 5837

Kerma elastic
Cross Section

58-Ce-140
-98.66 To 9999. %



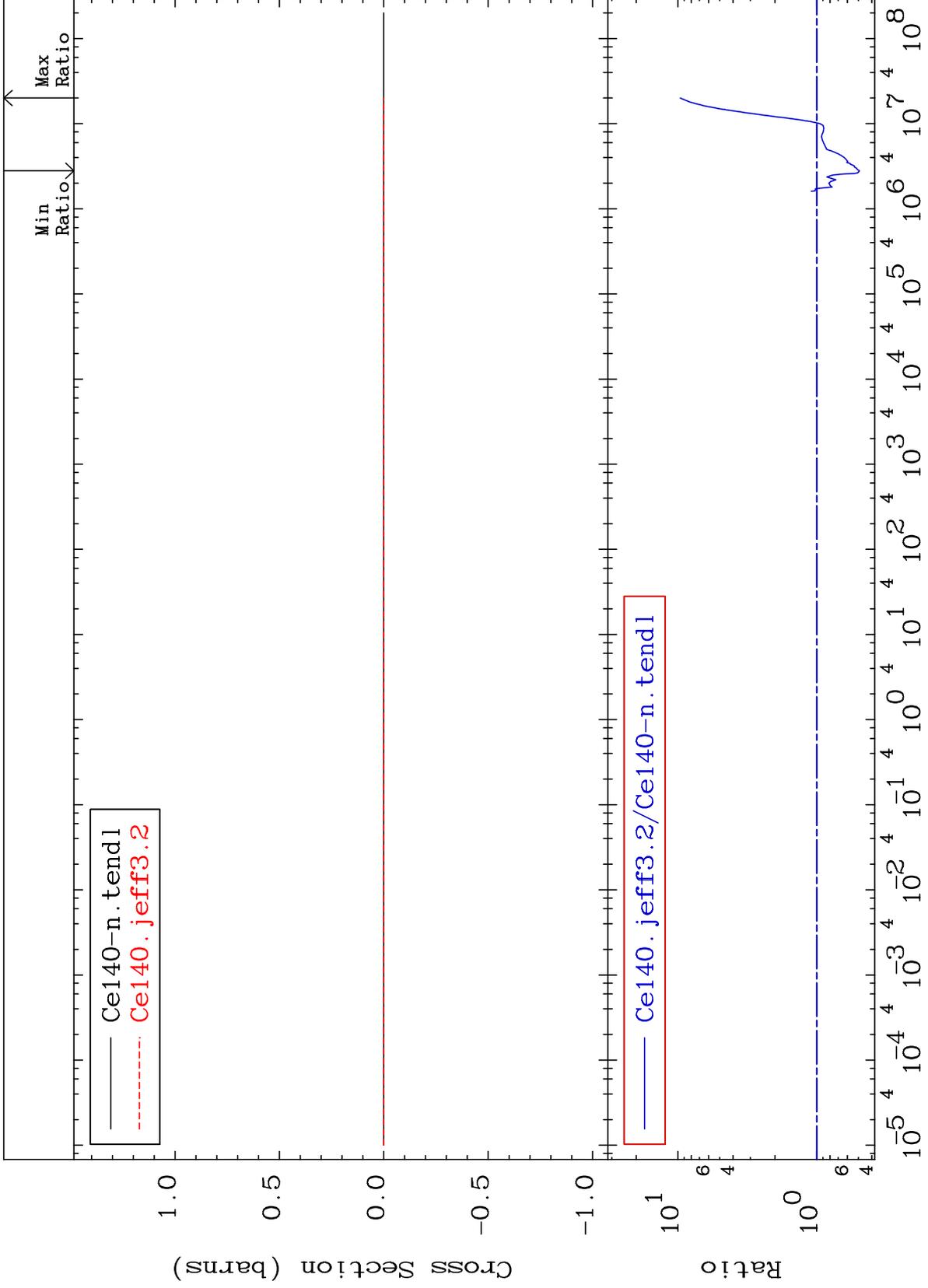




MAT 5837

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

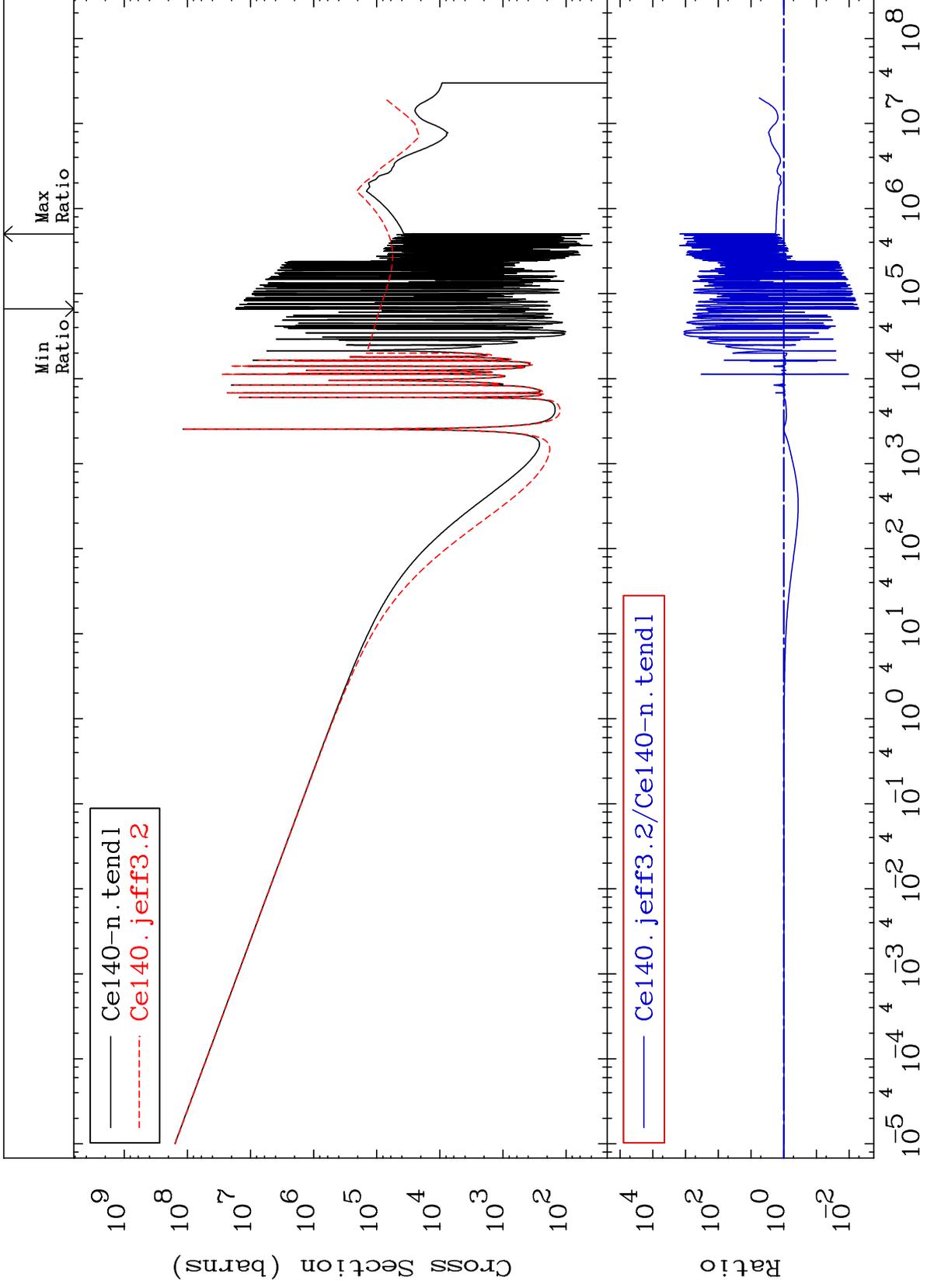
58-Ce-140
-50.88 To 861.3 %



MAT 5837

Kerma capture (mt102)
Cross Section

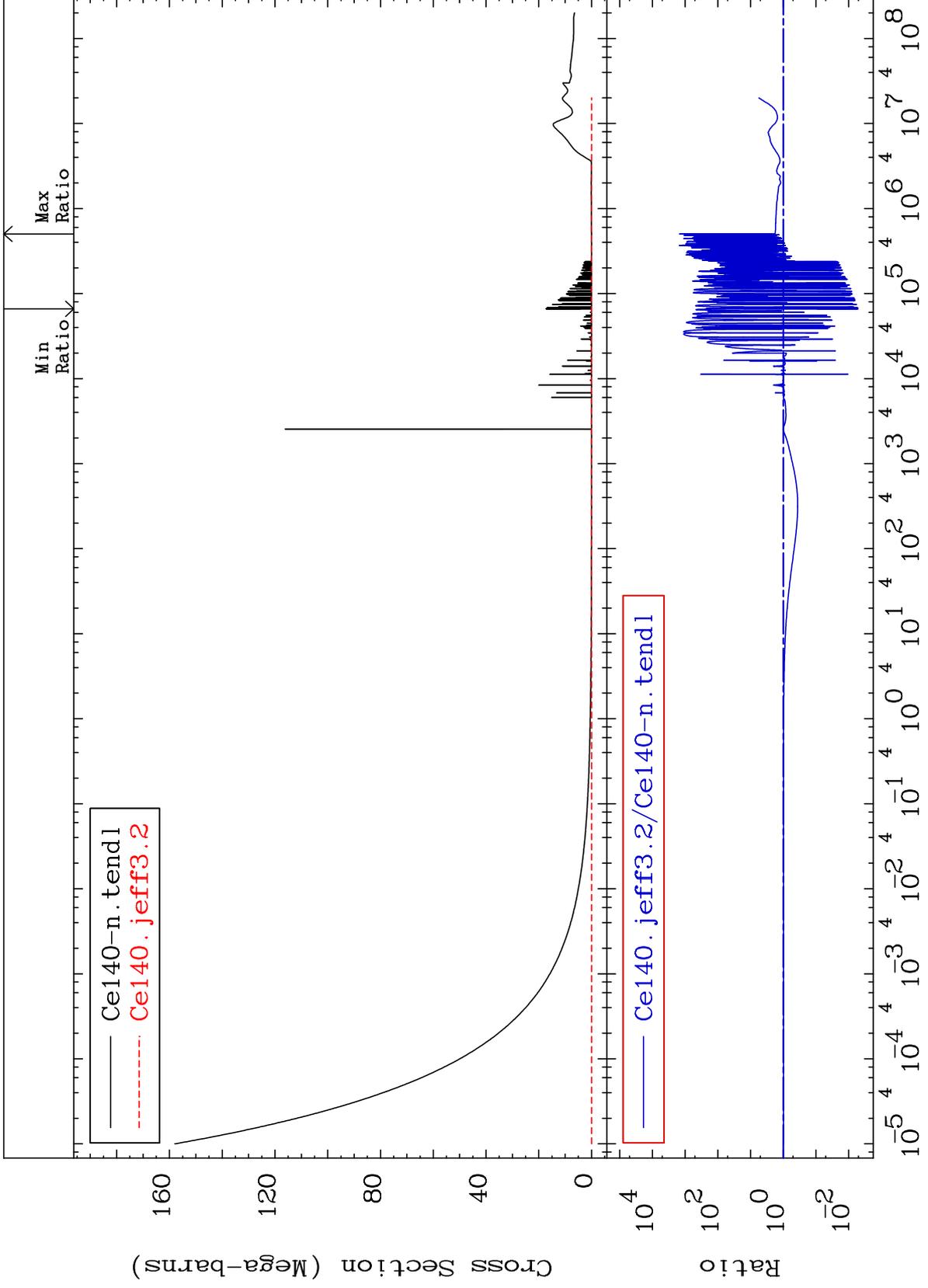
58-Ce-140
-99.48 To 9999. %

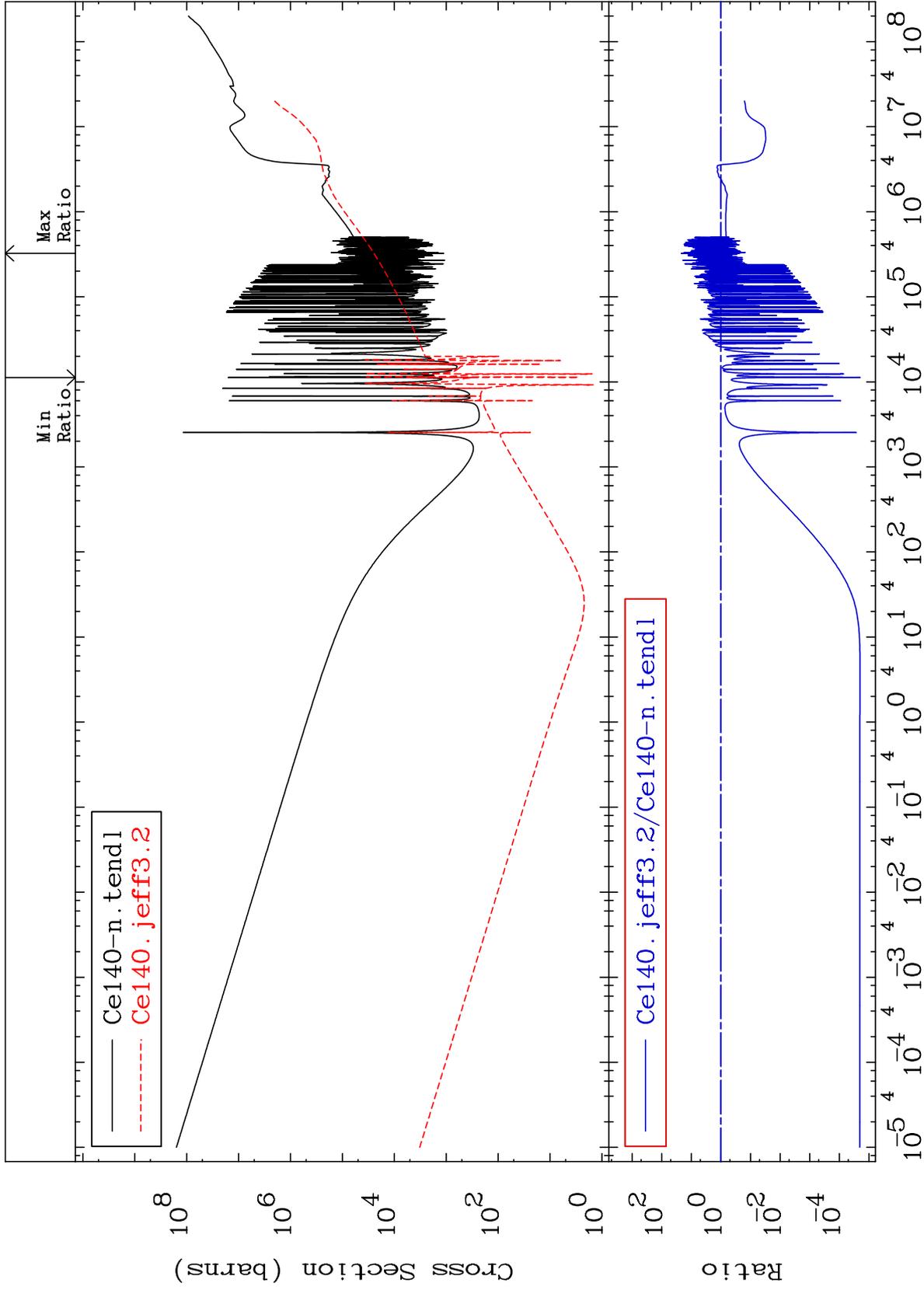


MAT 5837

Total photon (eV-barns)
Cross Section

58-Ce-140
-99.48 To 9999. %

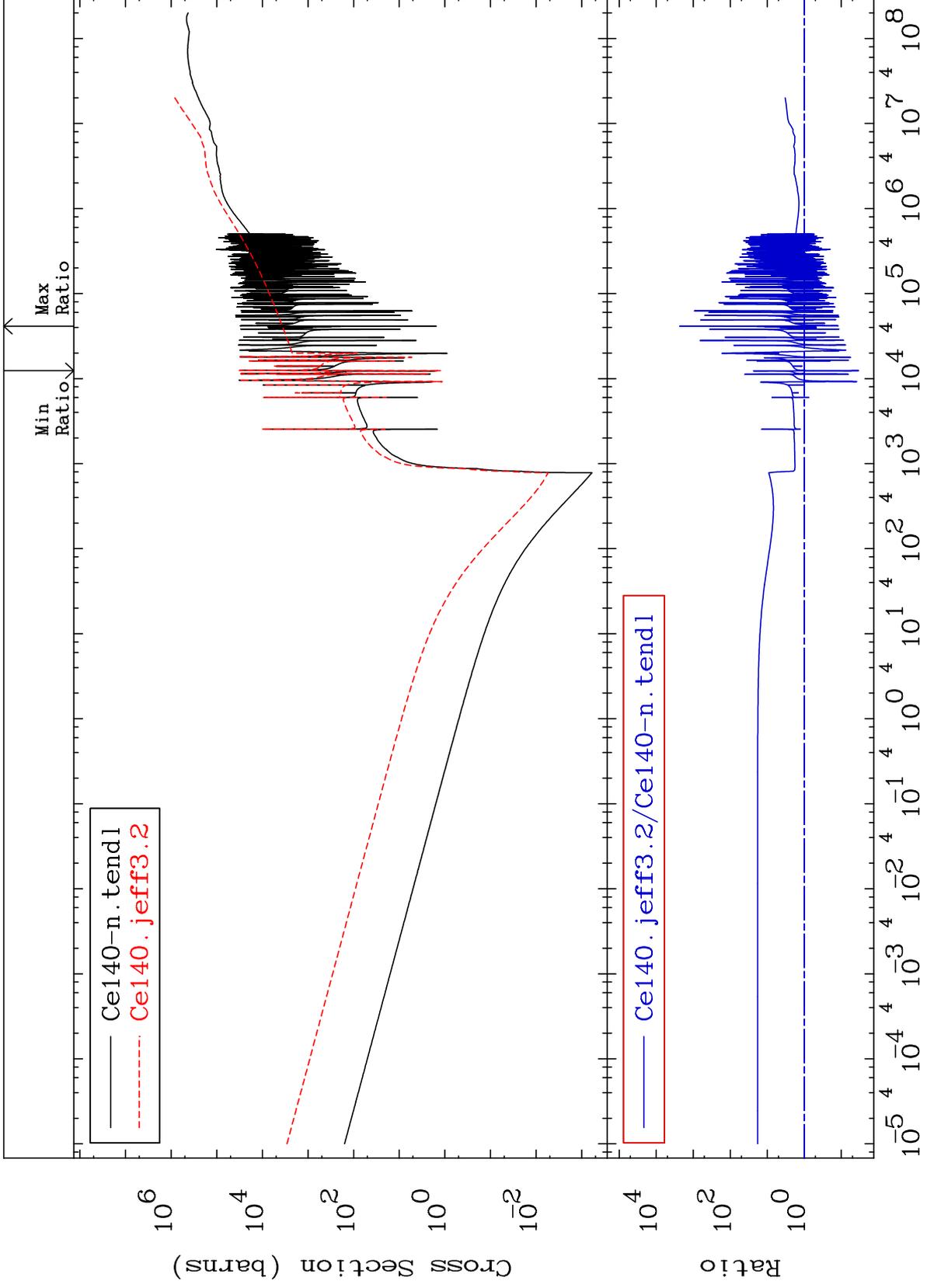




MAT 5837

Dpa total (eV-barns)
Cross Section

58-Ce-140
-96.58 To 9999. %



MAT 5837

Dpa elastic (mt2)
Cross Section

58-Ce-140
-98.66 To 9999. %

