

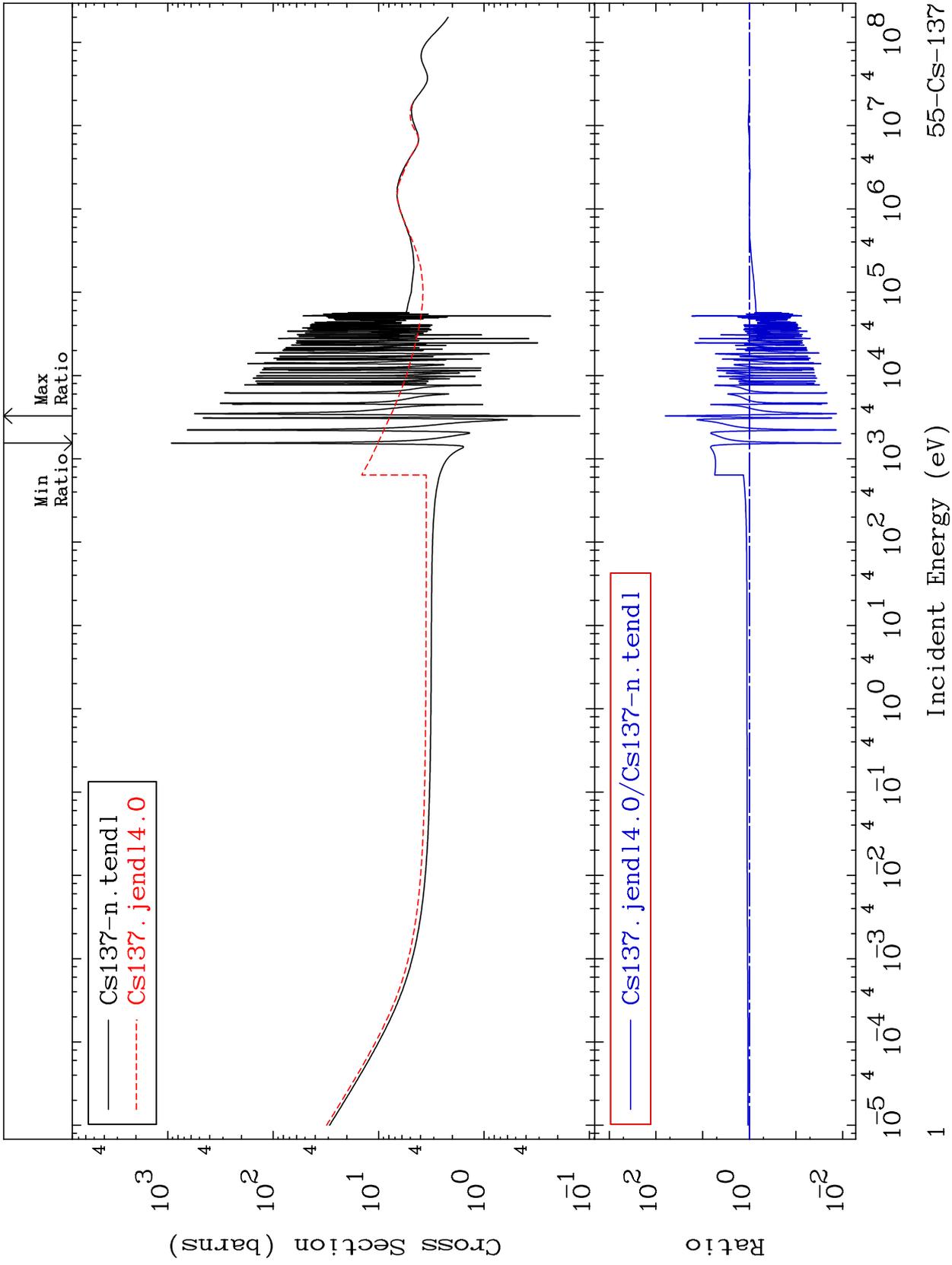
MAT 5537

Total

55-Cs-137

Cross Section

-98.90 To 6138. %



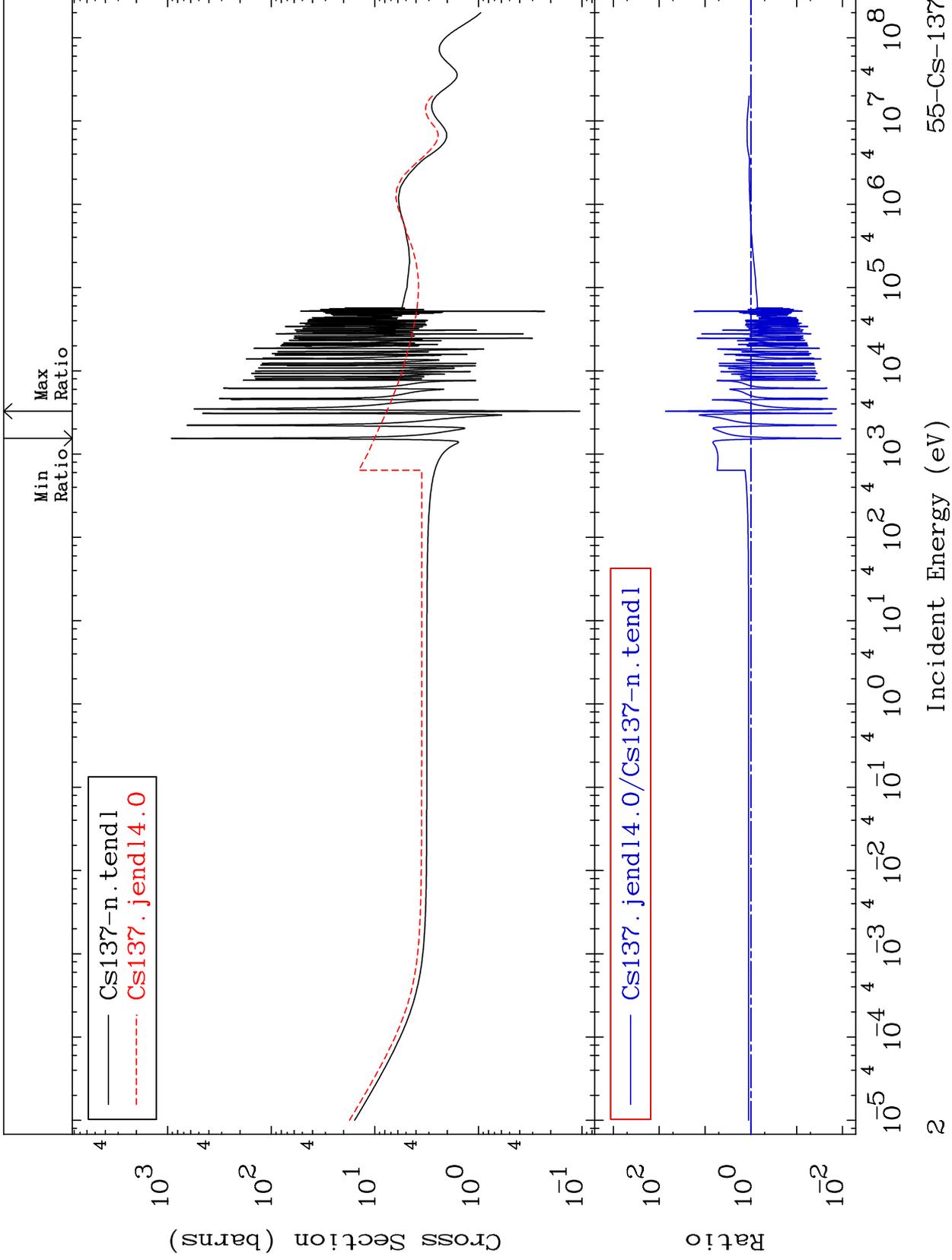
Incident Energy (eV)

55-Cs-137

MAT 5537

Elastic
Cross Section

55-Cs-137
-98.91 To 7177. %



55-Cs-137

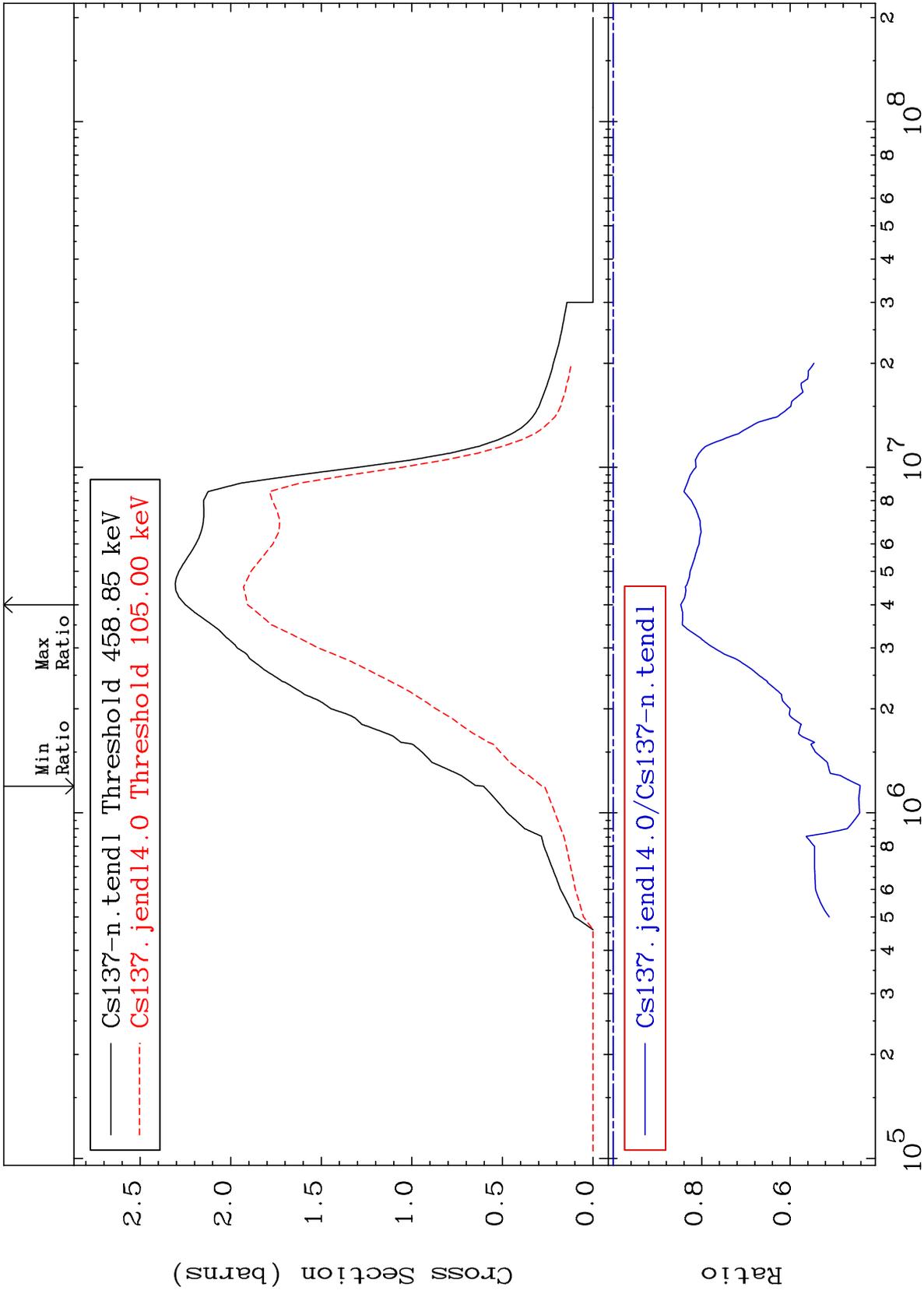
Incident Energy (eV)

2

MAT 5537

Inelastic
Cross Section

55-Cs-137
-55.83 To -15.26%



Incident Energy (eV)

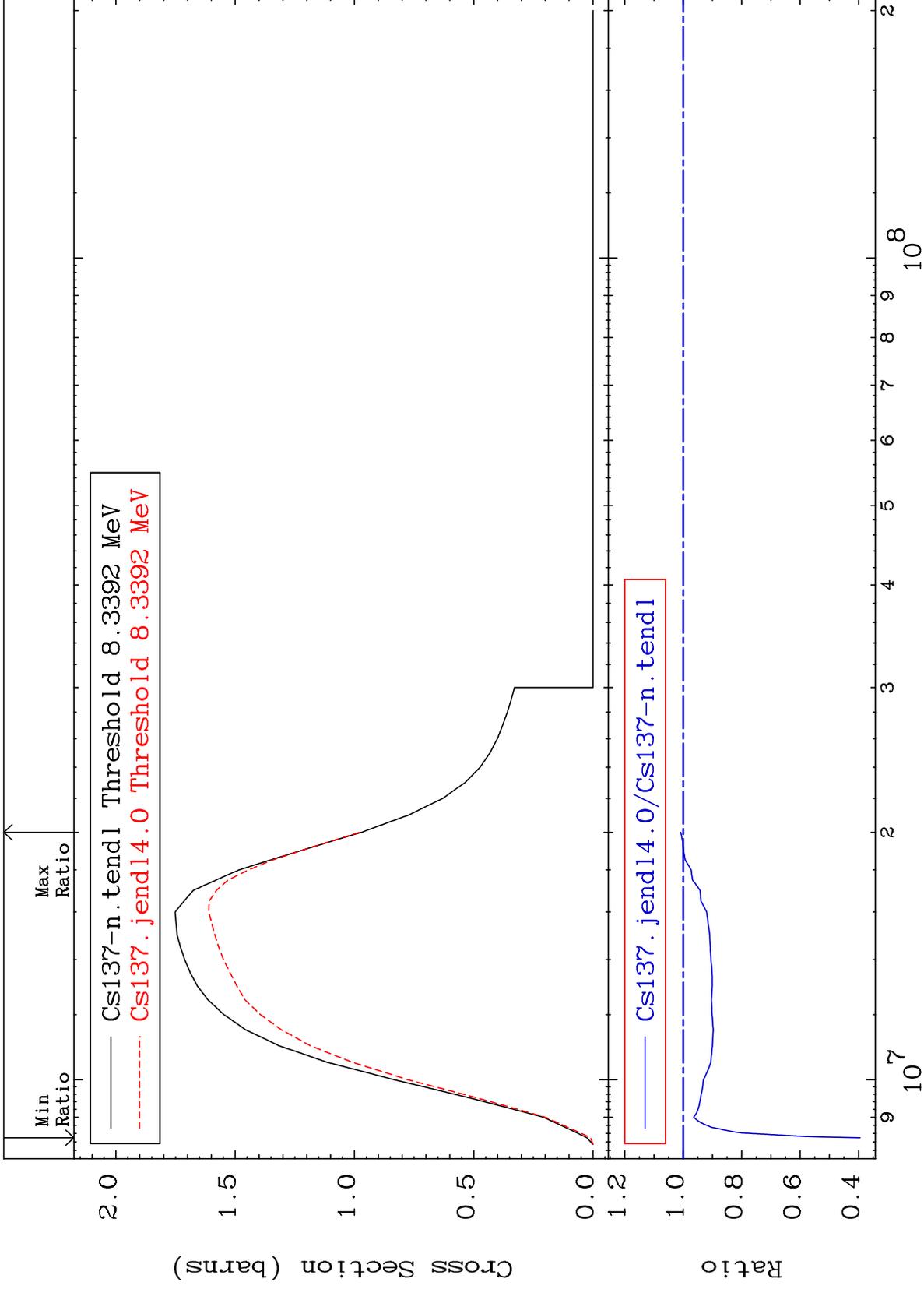
55-Cs-137

3

MAT 5537

(n,2n)
Cross Section

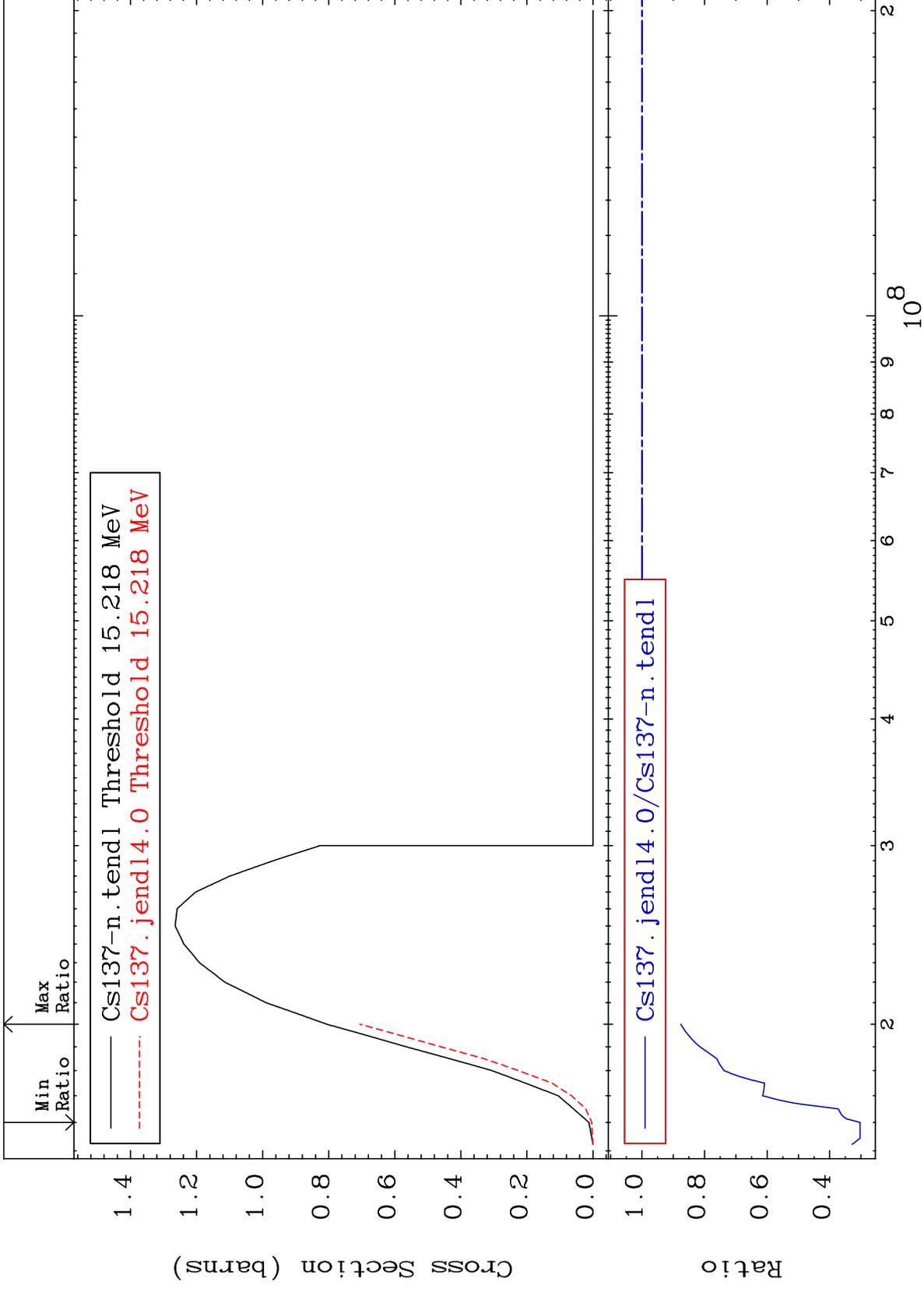
55-Cs-137
-60.49 To 0.820 %



4

Incident Energy (eV)

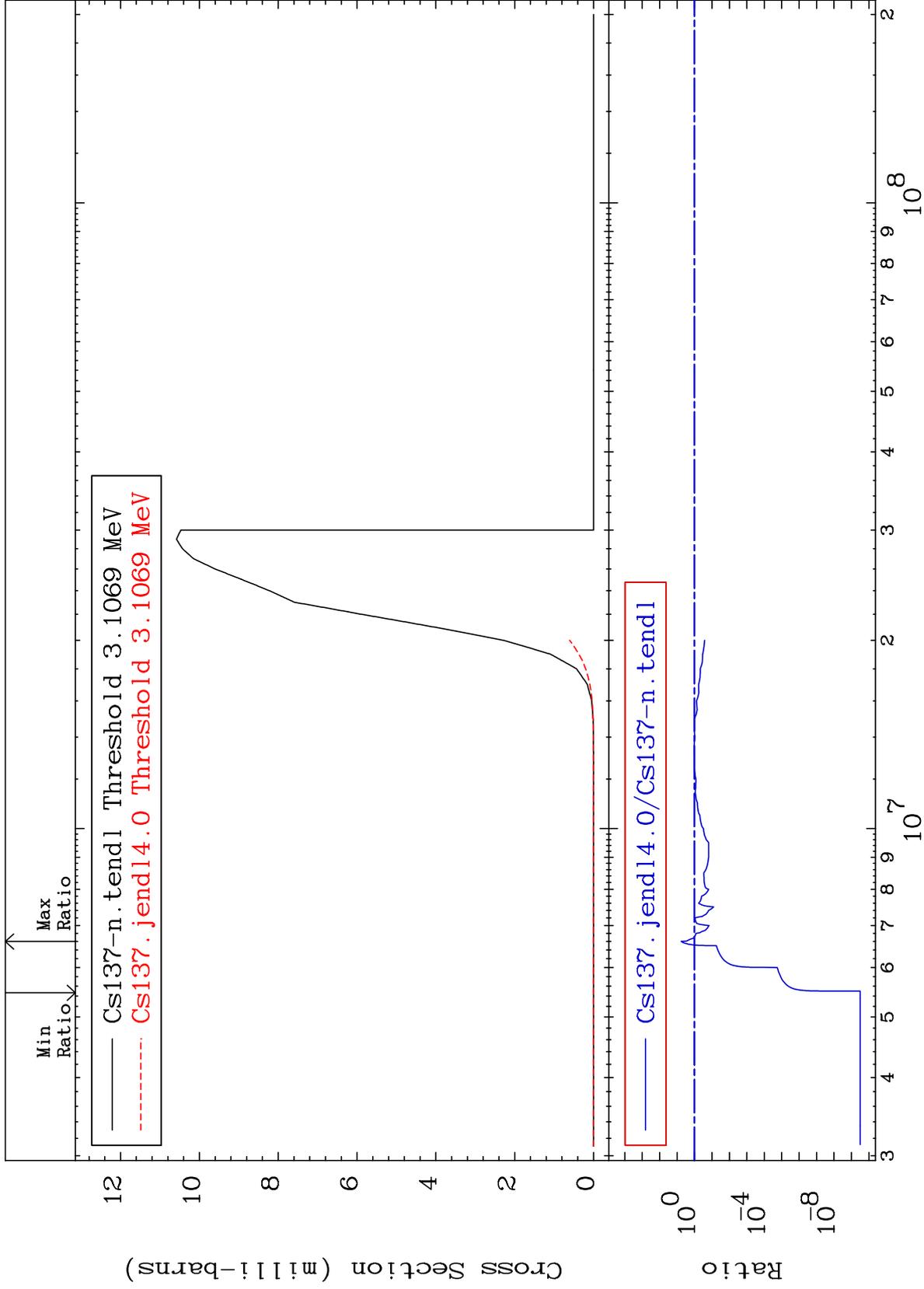
55-Cs-137



MAT 5537

(n,n') α
Cross Section

55-Cs-137
-100.0 To 481.8 %



6

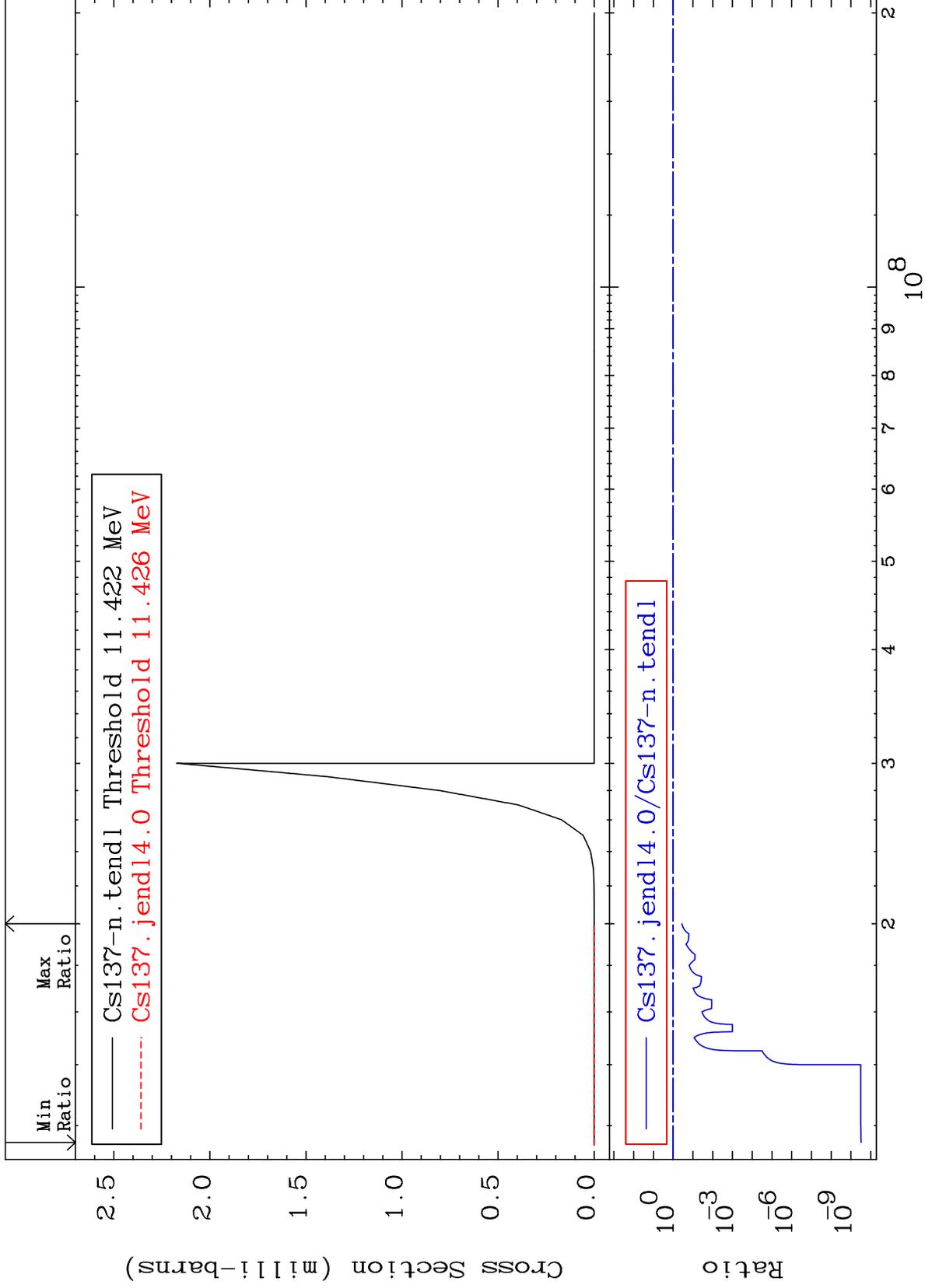
Incident Energy (eV)

55-Cs-137

MAT 5537

(n,2n) α
Cross Section

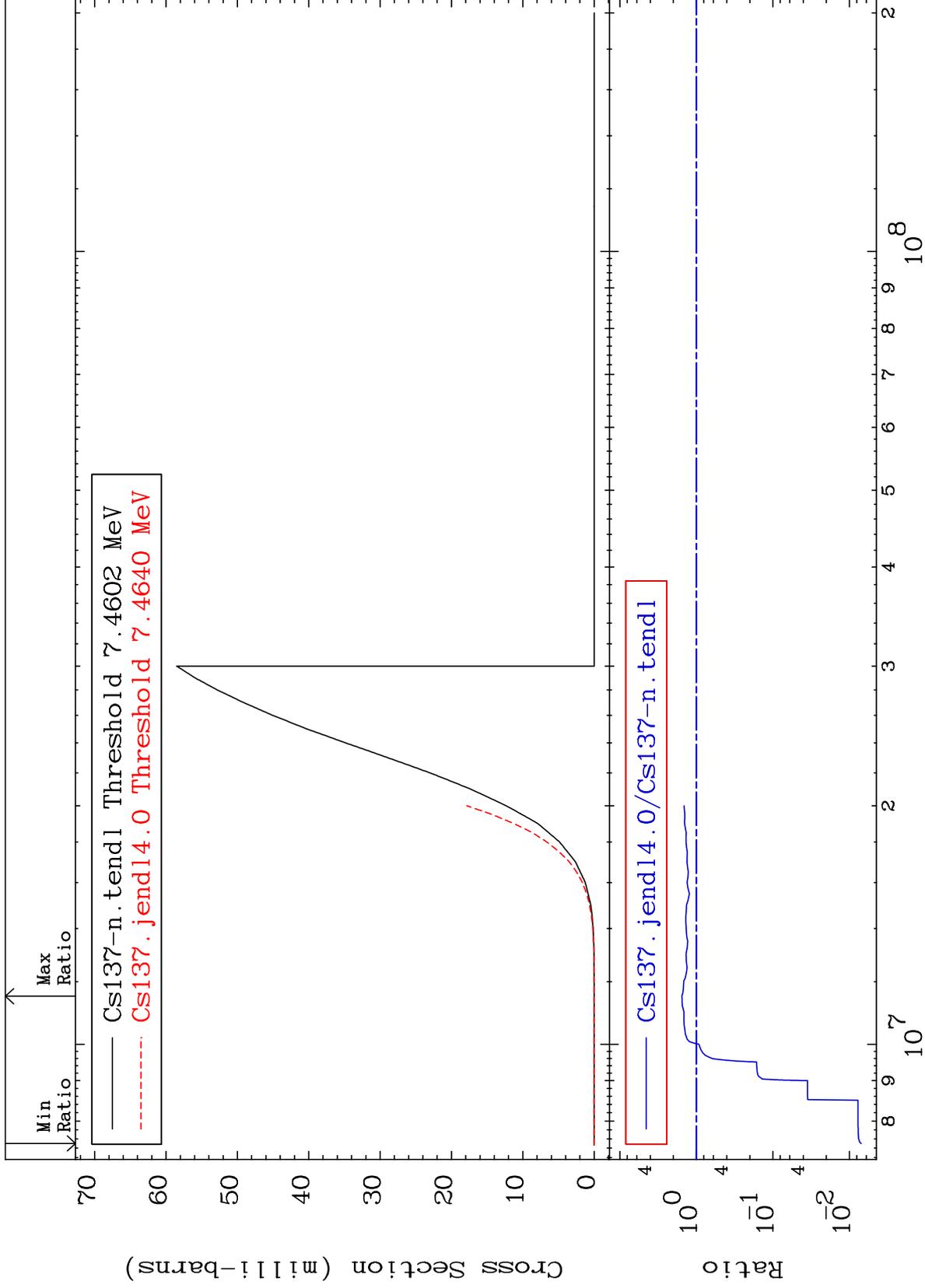
55-Cs-137
-100.0 To -63.84%



MAT 5537

(n,n') p
Cross Section

55-Cs-137
-99.30 To 54.29 %



8

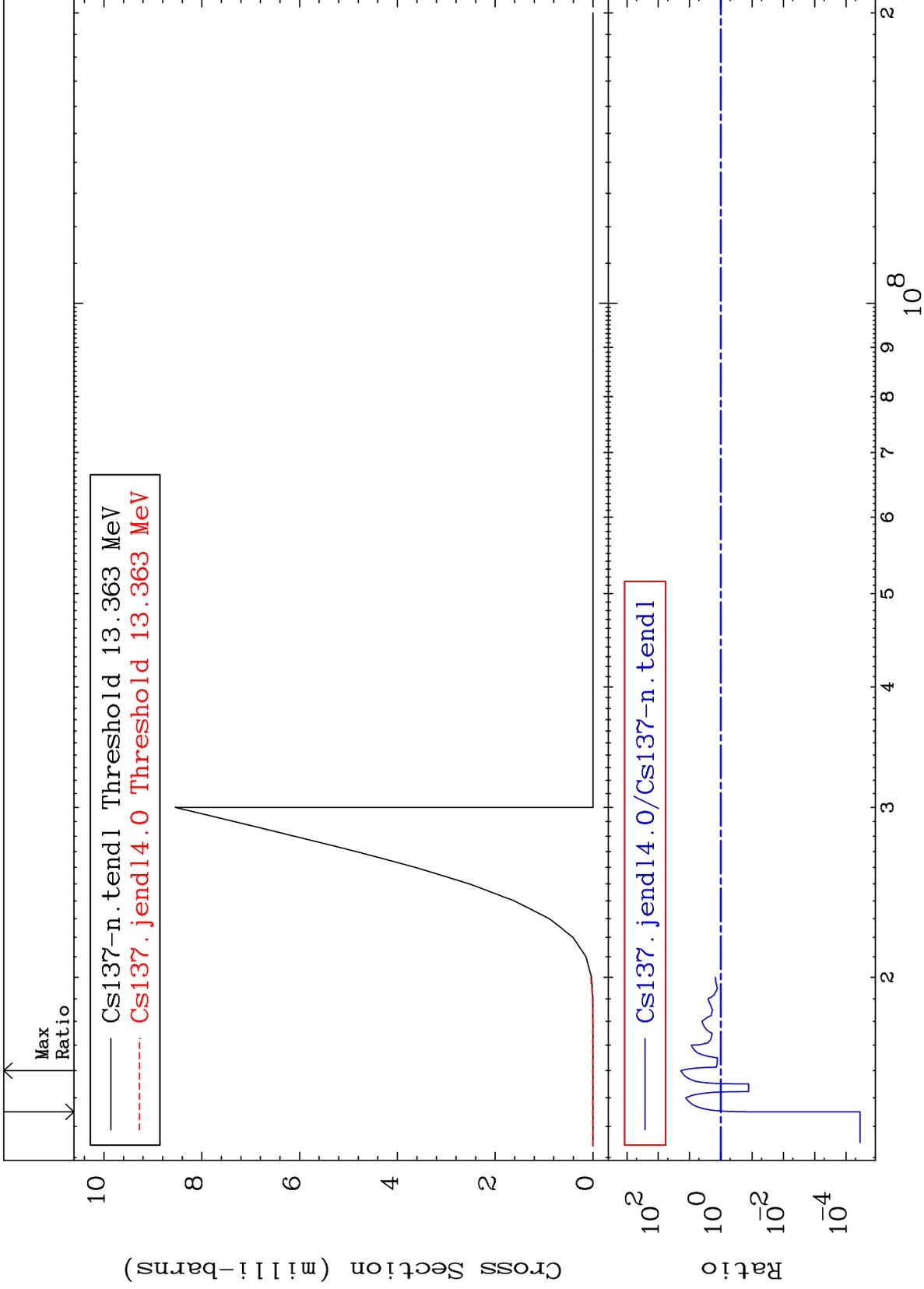
Incident Energy (eV)

55-Cs-137

MAT 5537

(n,n') d
Cross Section

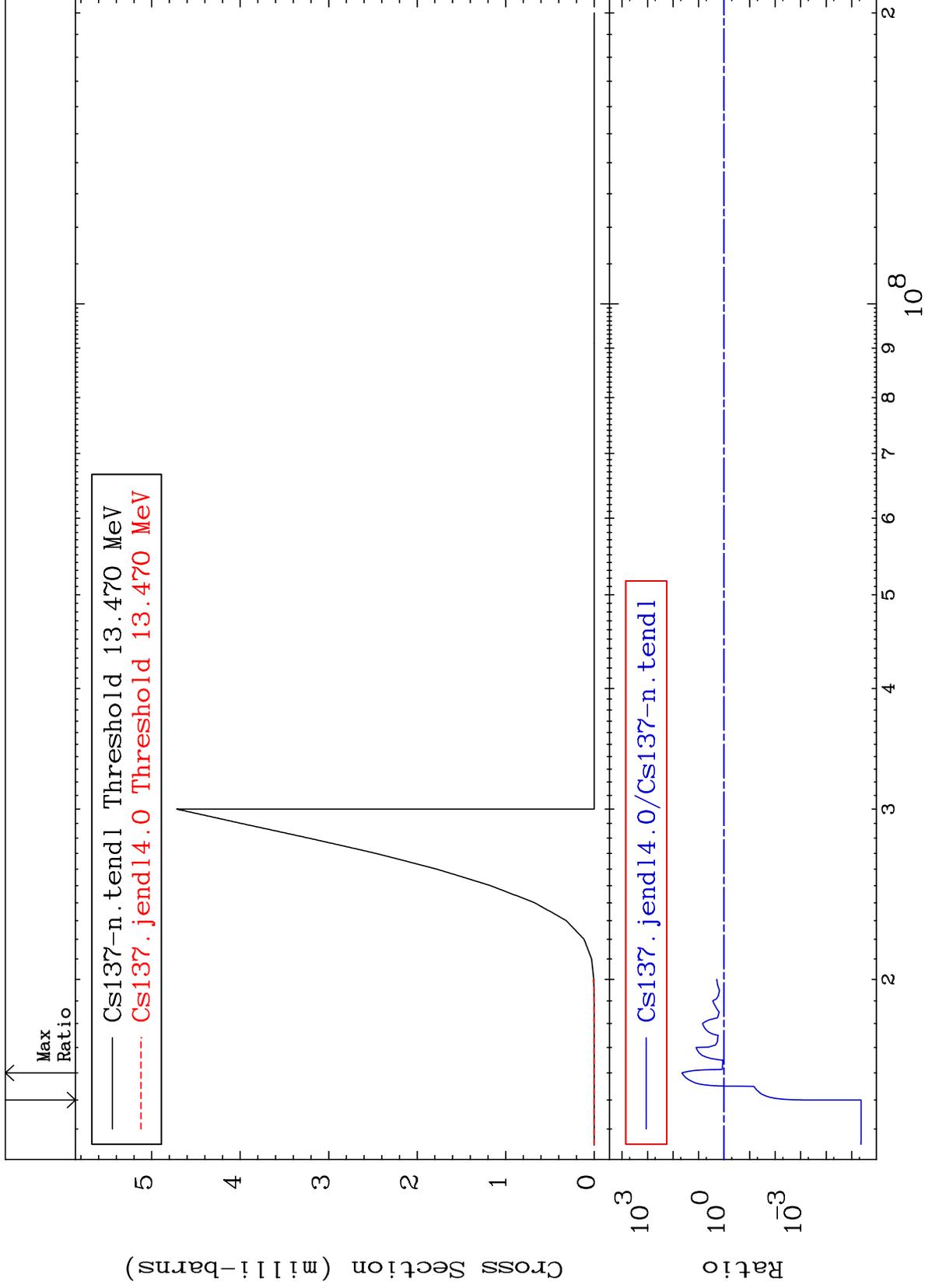
55-Cs-137
-100.0 To 1811. %



MAT 5537

(n,n') t
Cross Section

55-Cs-137
-100.0 To 4409. %



10

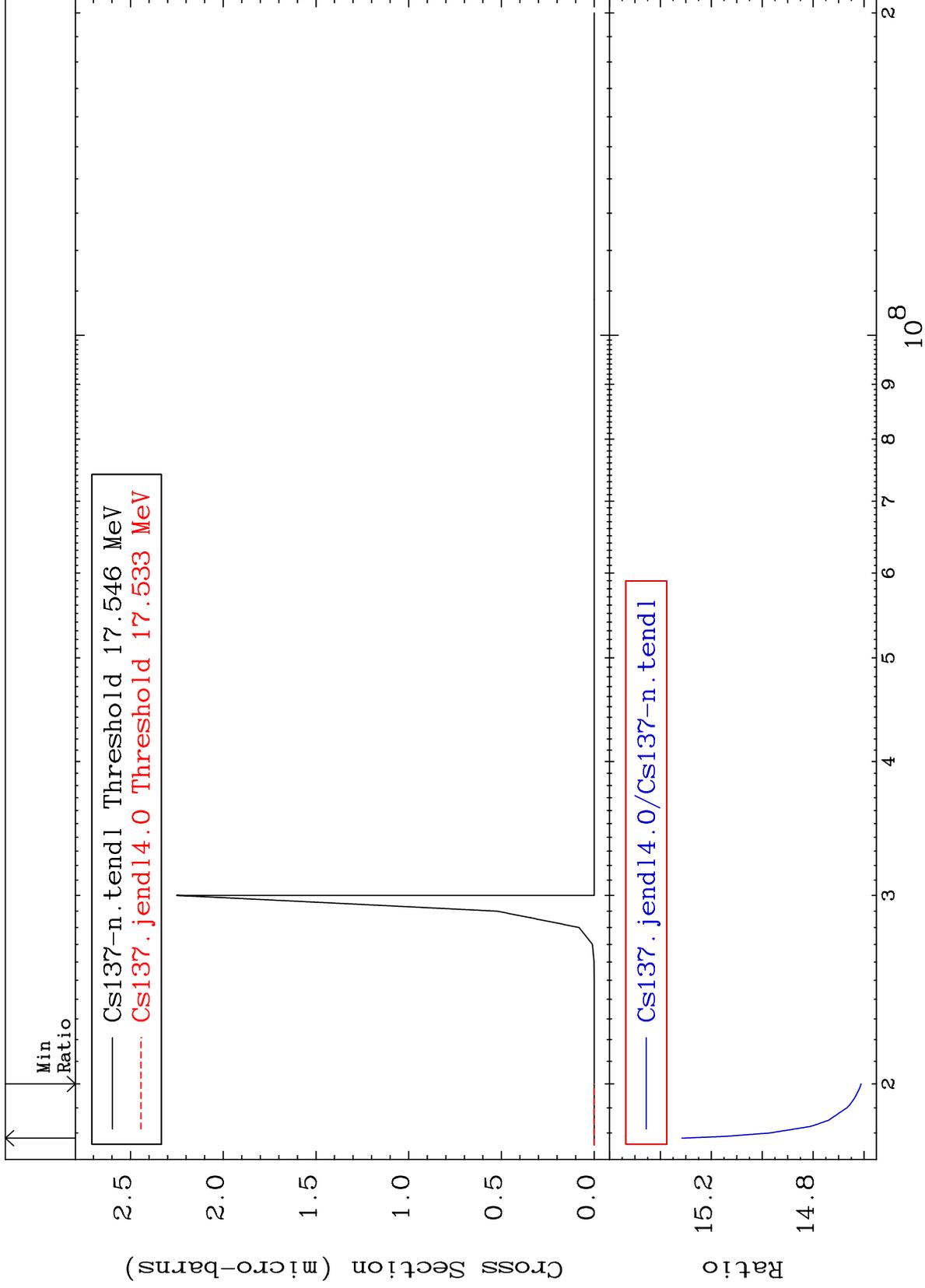
Incident Energy (eV)

55-Cs-137

MAT 5537

(n, n') He-3
Cross Section

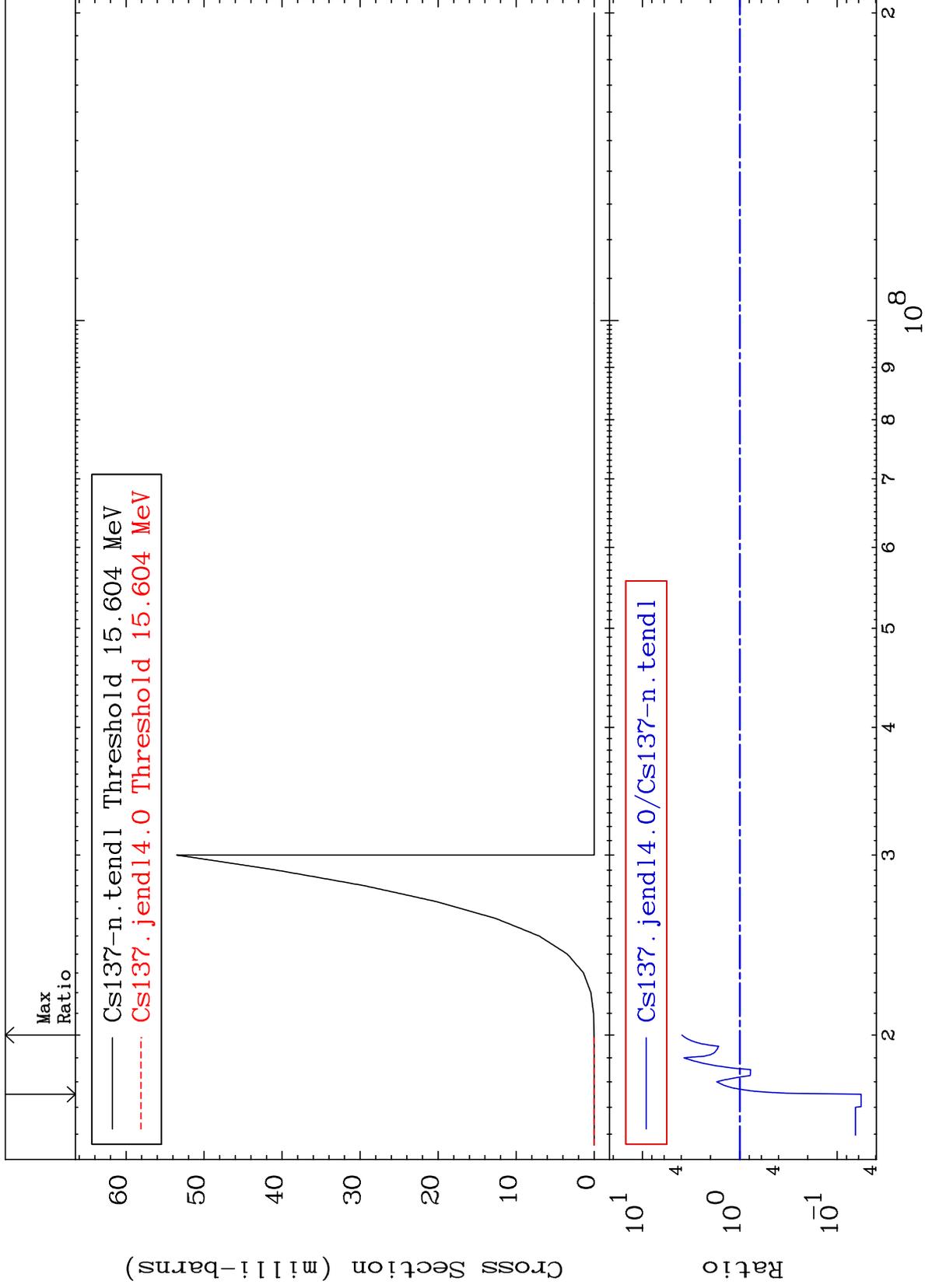
55-Cs-137
-100.0 To -100.0%



MAT 5537

(n,2n) p
Cross Section

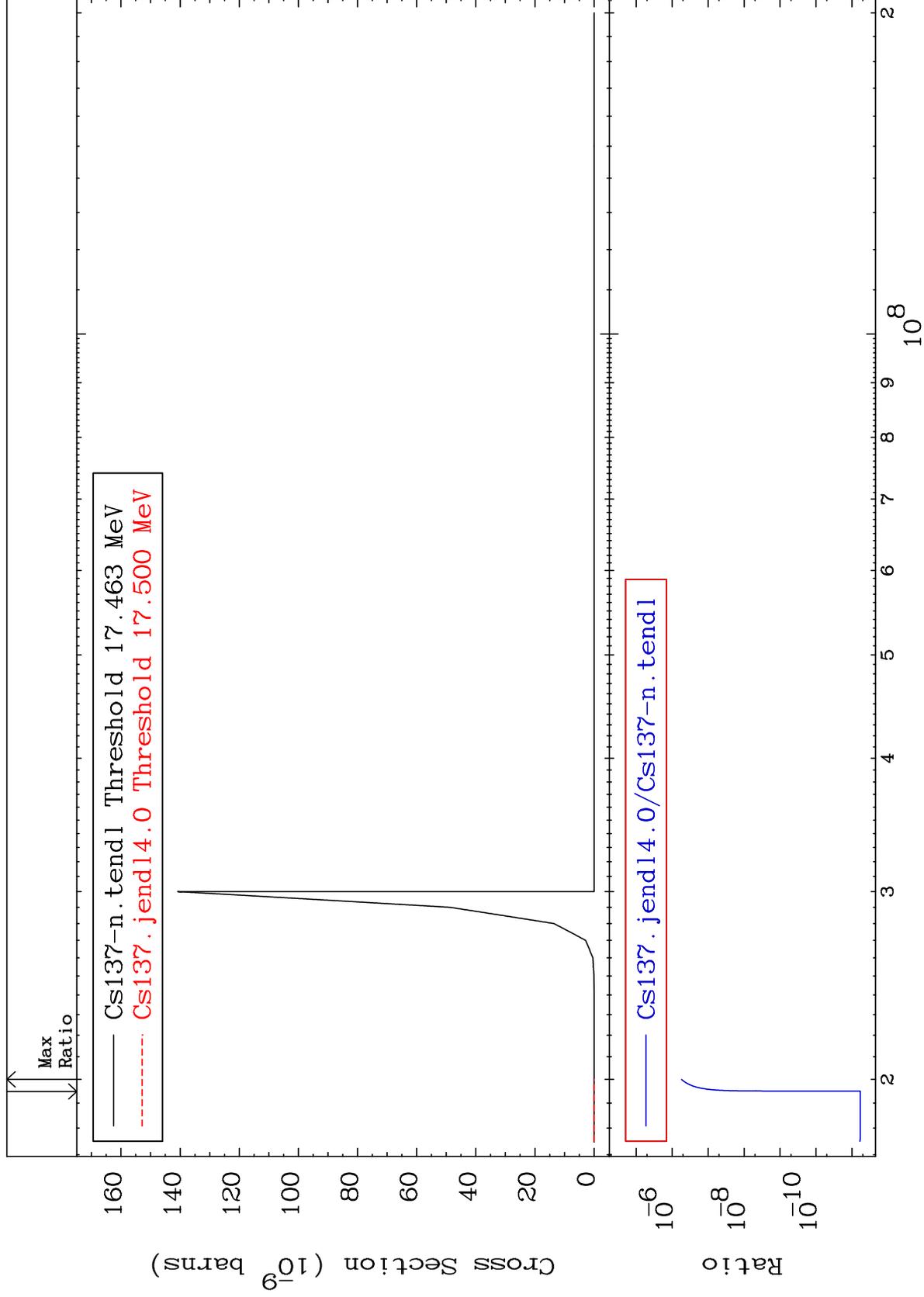
55-Cs-137
-94.34 To 293.3 %



MAT 5537

(n,2n) p
Cross Section

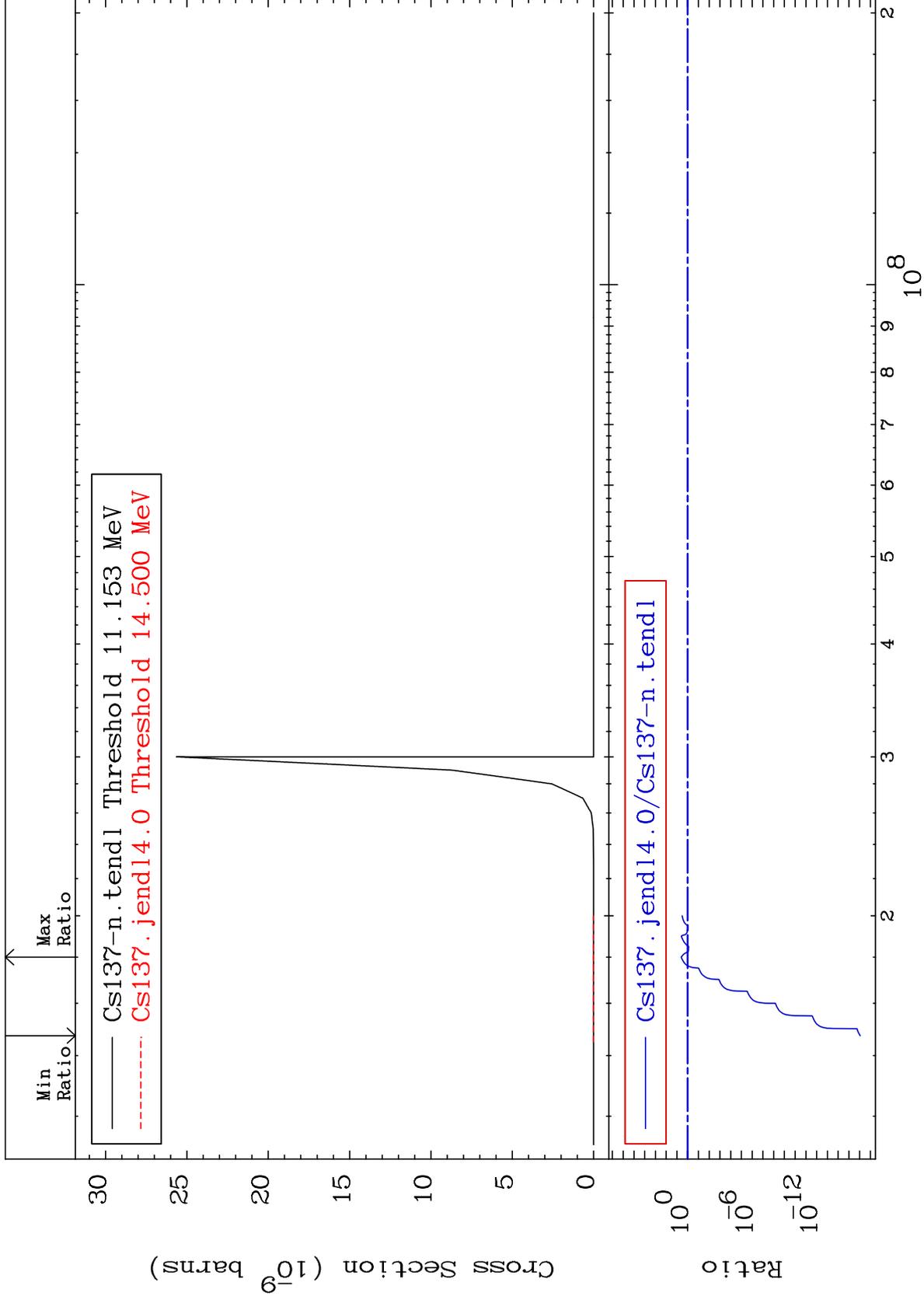
55-Cs-137
-100.0 To -100.0%



MAT 5537

(n,n') p α
Cross Section

55-Cs-137
-100.0 To 302.0 %



14

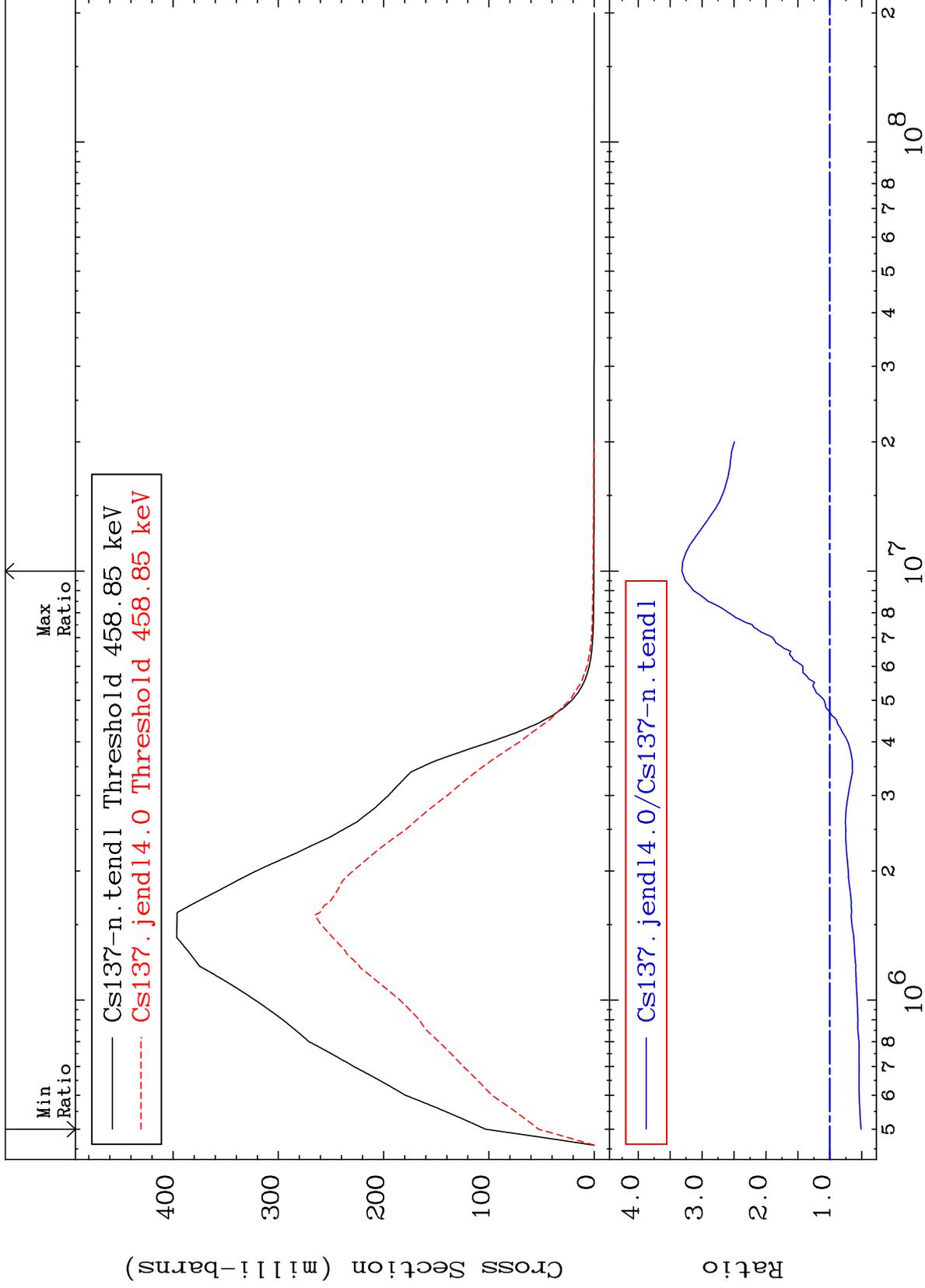
Incident Energy (eV)

55-Cs-137

MAT 5537

455.5 keV (n,n') Level
Cross Section

55-Cs-137
-48.87 To 231.5 %



15

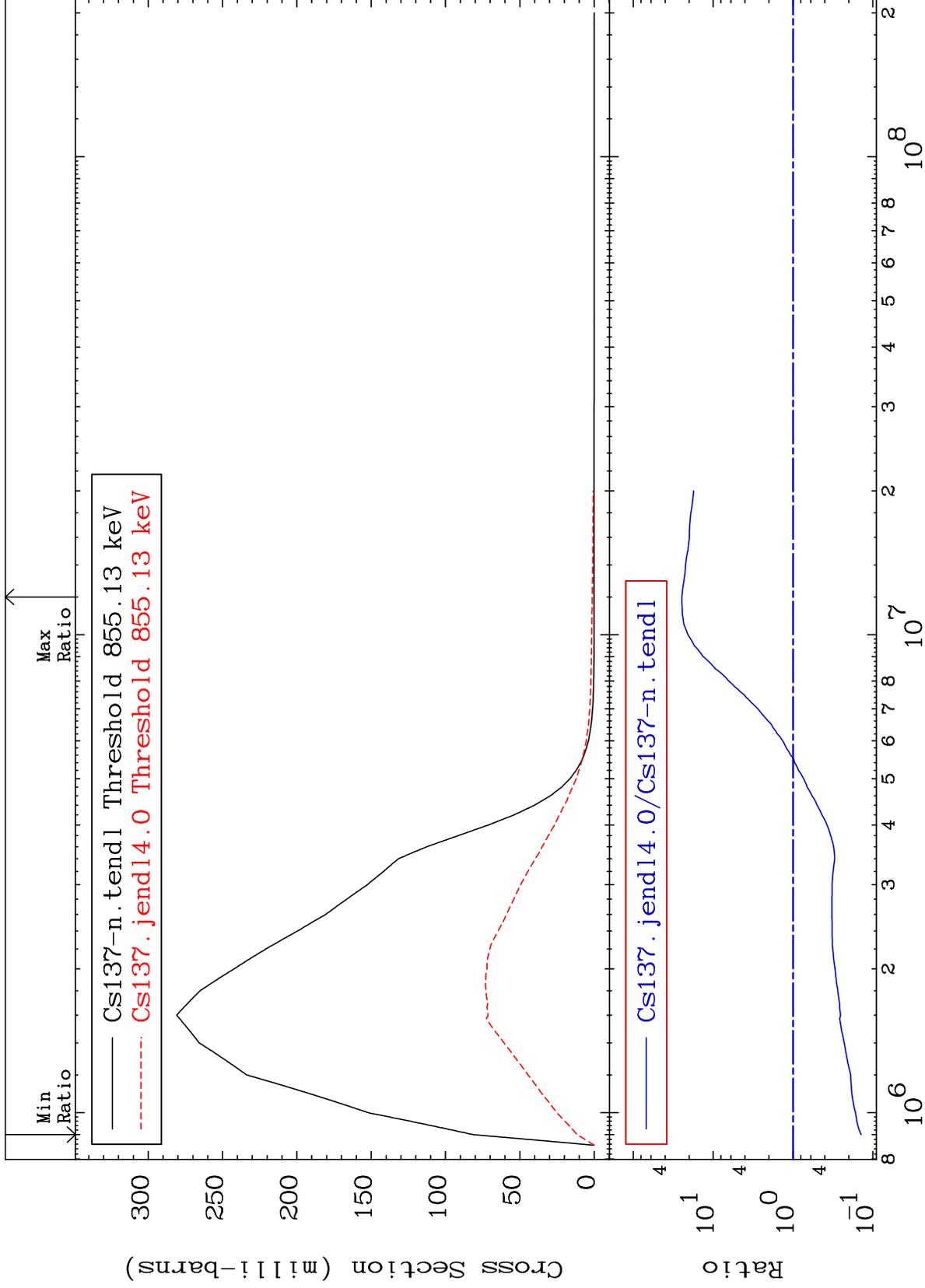
Incident Energy (eV)

55-Cs-137

MAT 5537

848.9 keV (n,n') Level
Cross Section

55-Cs-137
-85.96 To 2362. %



16

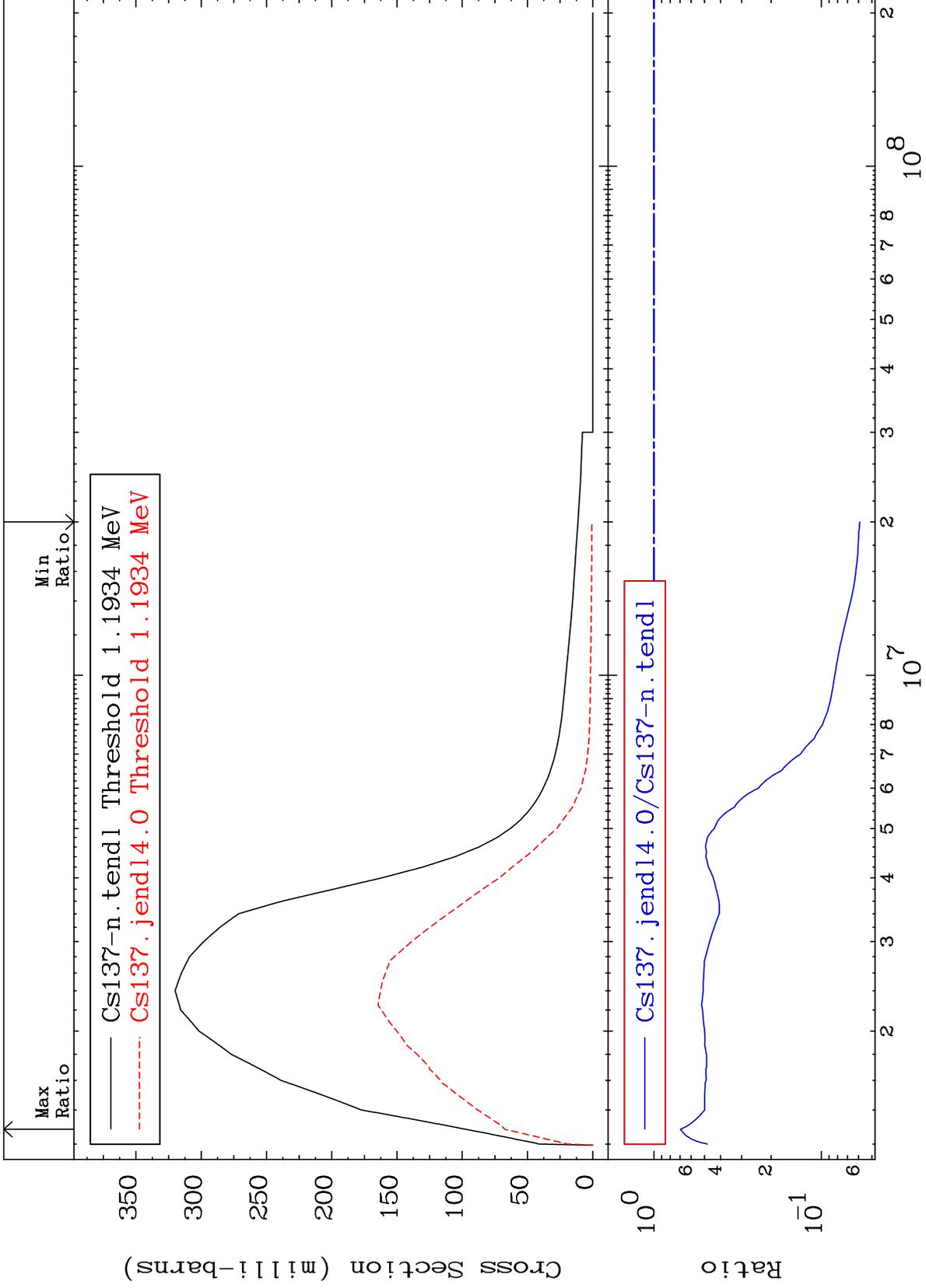
Incident Energy (eV)

55-Cs-137

MAT 5537

1.185 MeV (n,n') Level
Cross Section

55-Cs-137
-94.10 To -30.54%



17

Incident Energy (eV)

55-Cs-137

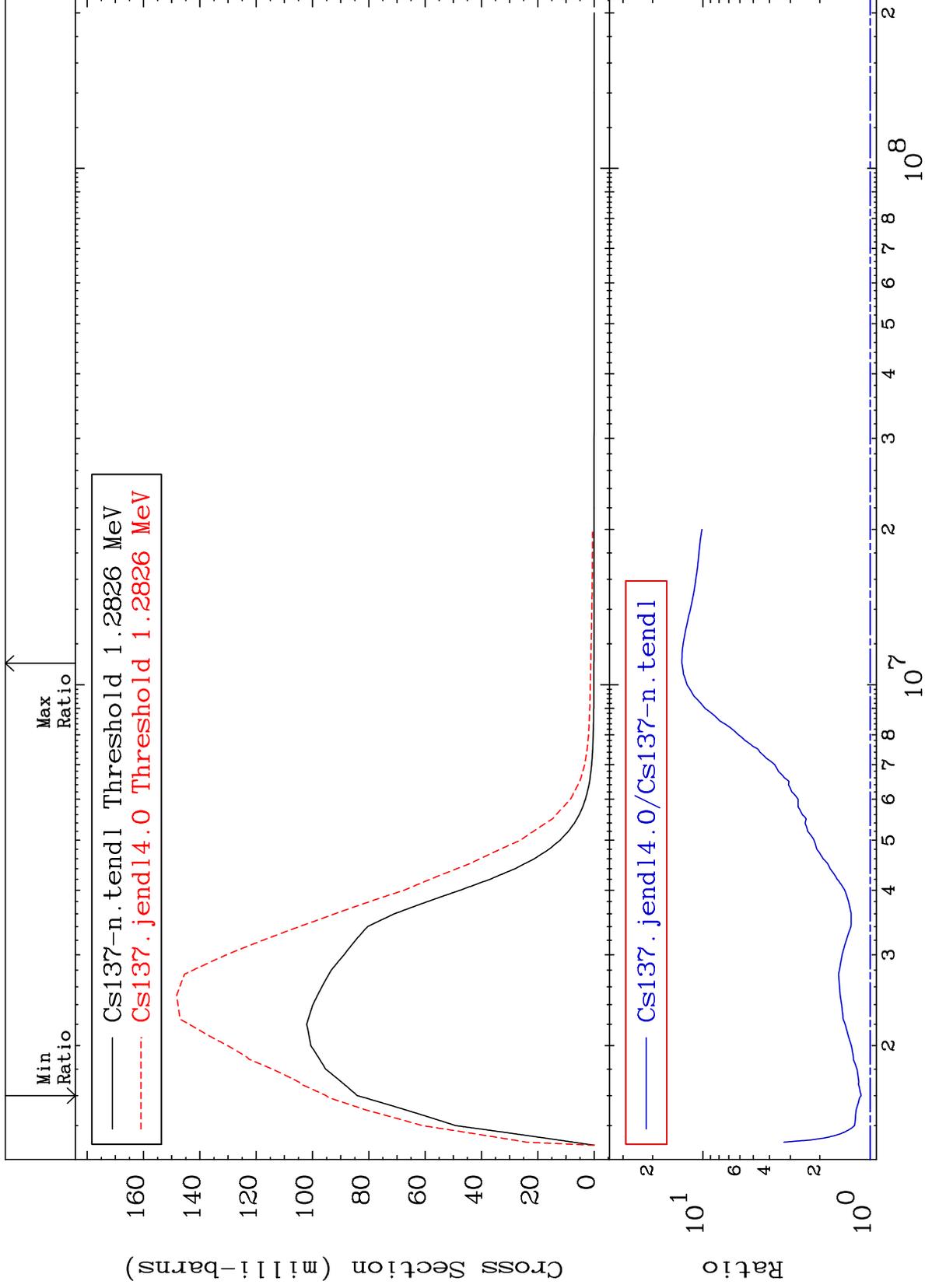
MAT 5537

1.273 MeV (n,n') Level

55-Cs-137

13.14 To 1235. %

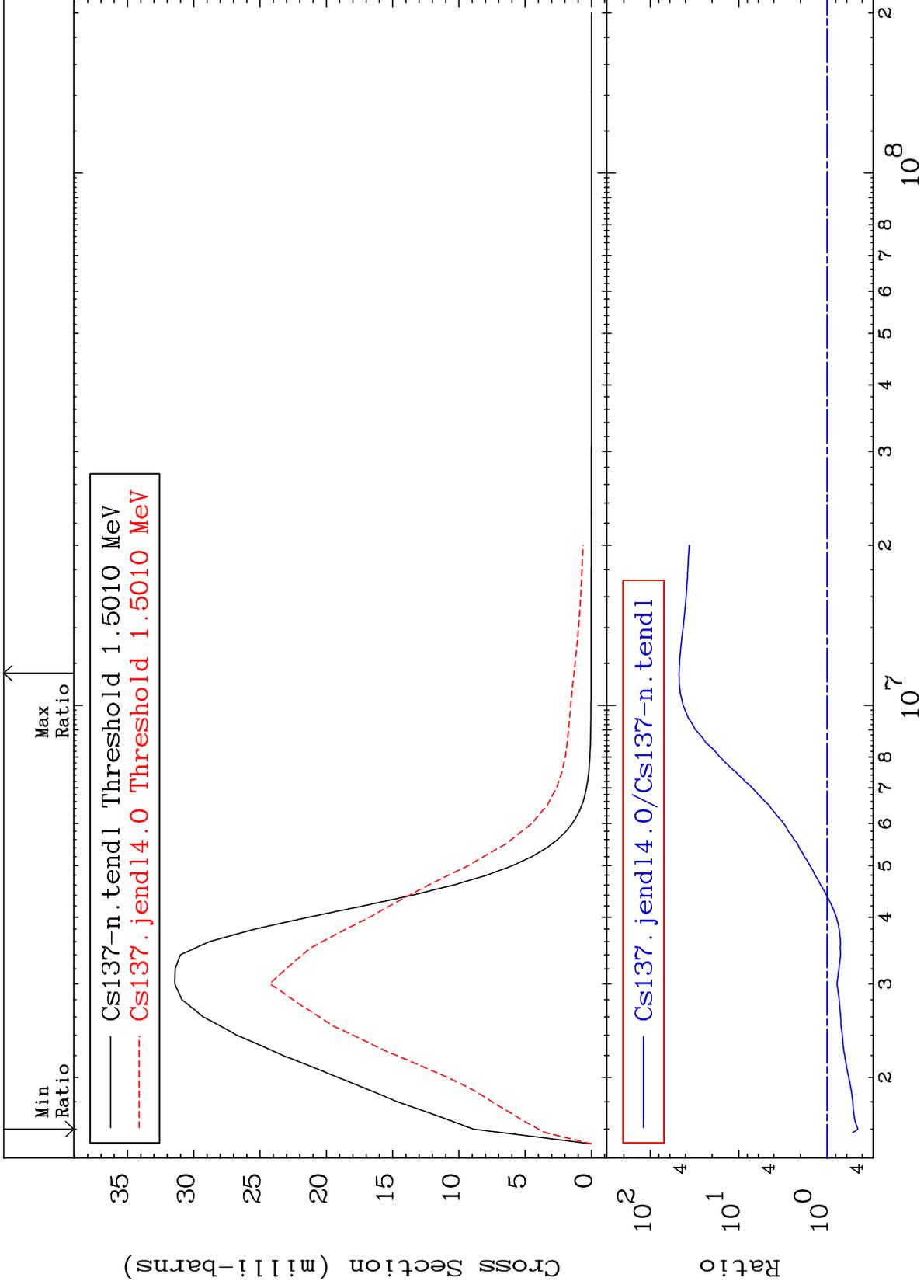
Cross Section



18

Incident Energy (eV)

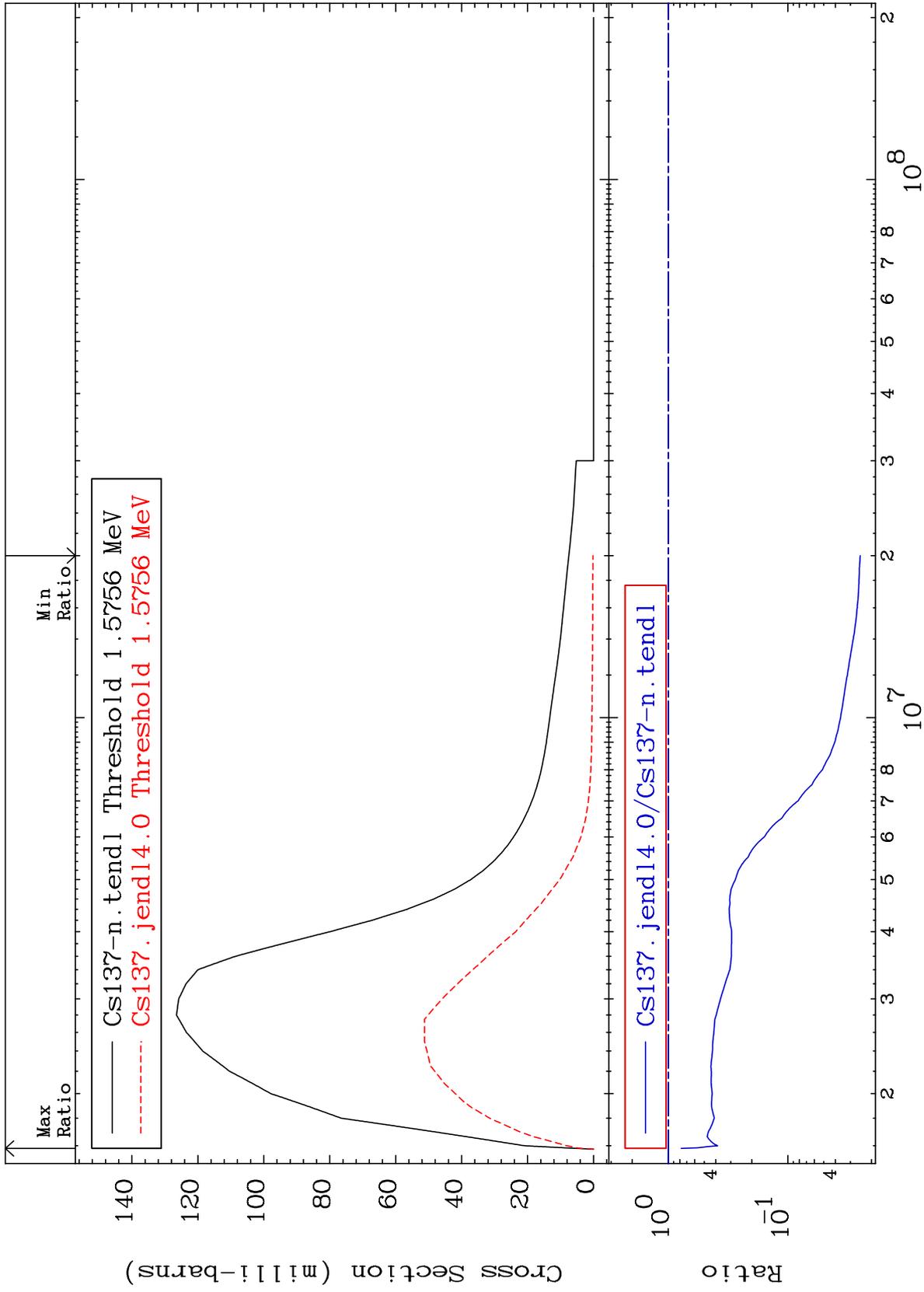
55-Cs-137



MAT 5537

1.564 MeV (n,n') Level
Cross Section

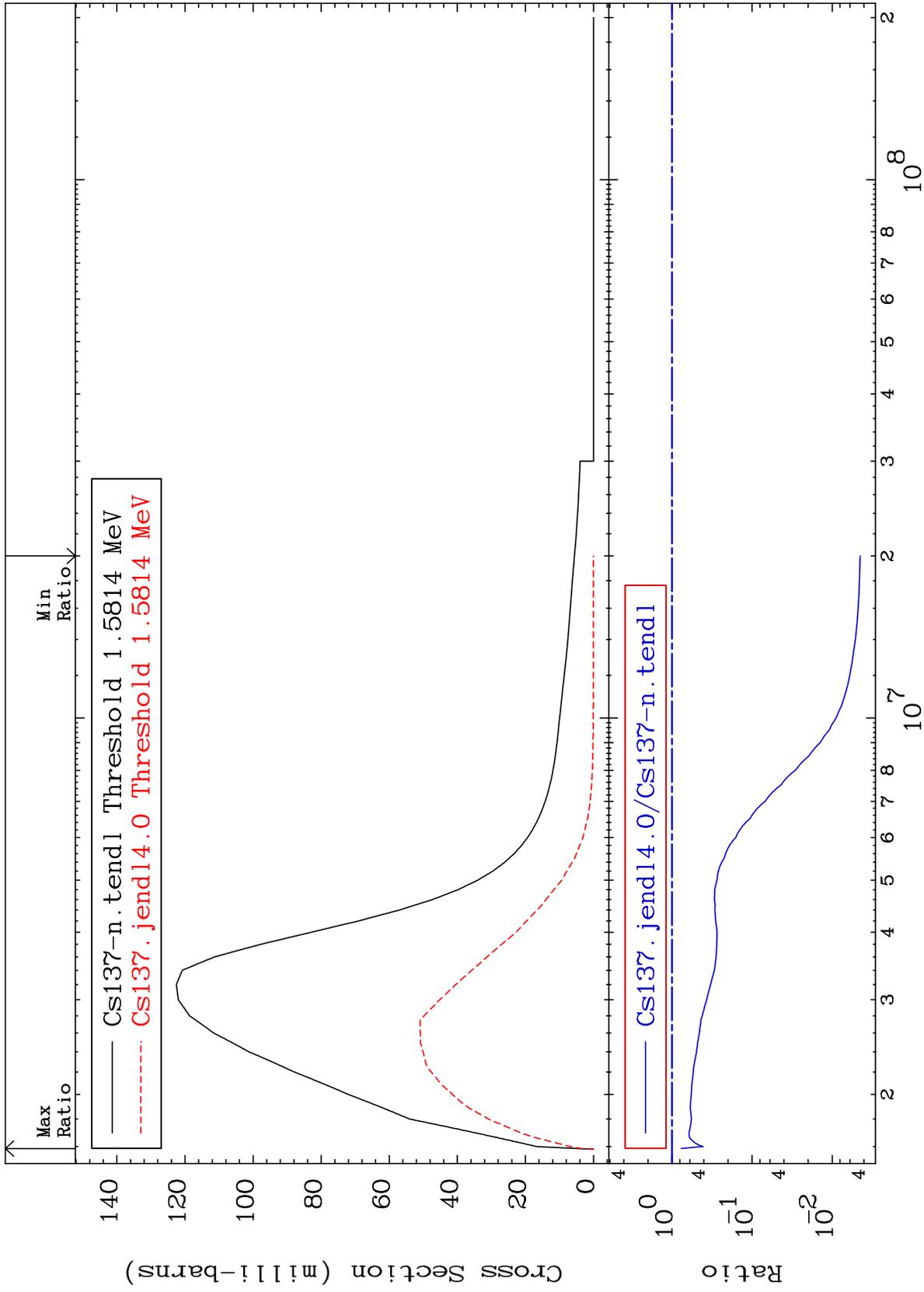
55-Cs-137
-97.52 To -22.13%



MAT 5537

1.570 MeV (n,n') Level
Cross Section

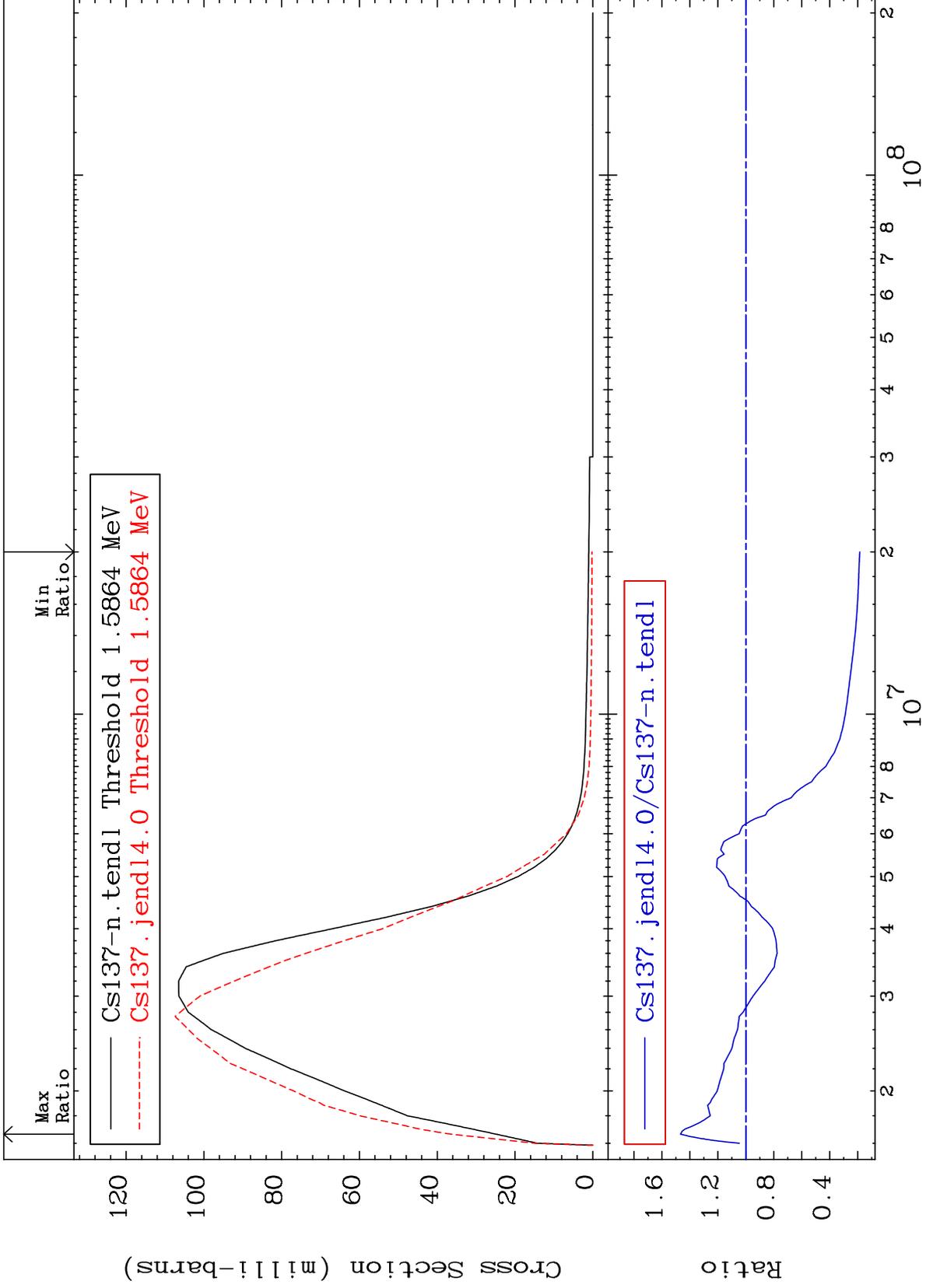
55-Cs-137
-99.55 To -23.09%



MAT 5537

1.575 MeV (n,n') Level
Cross Section

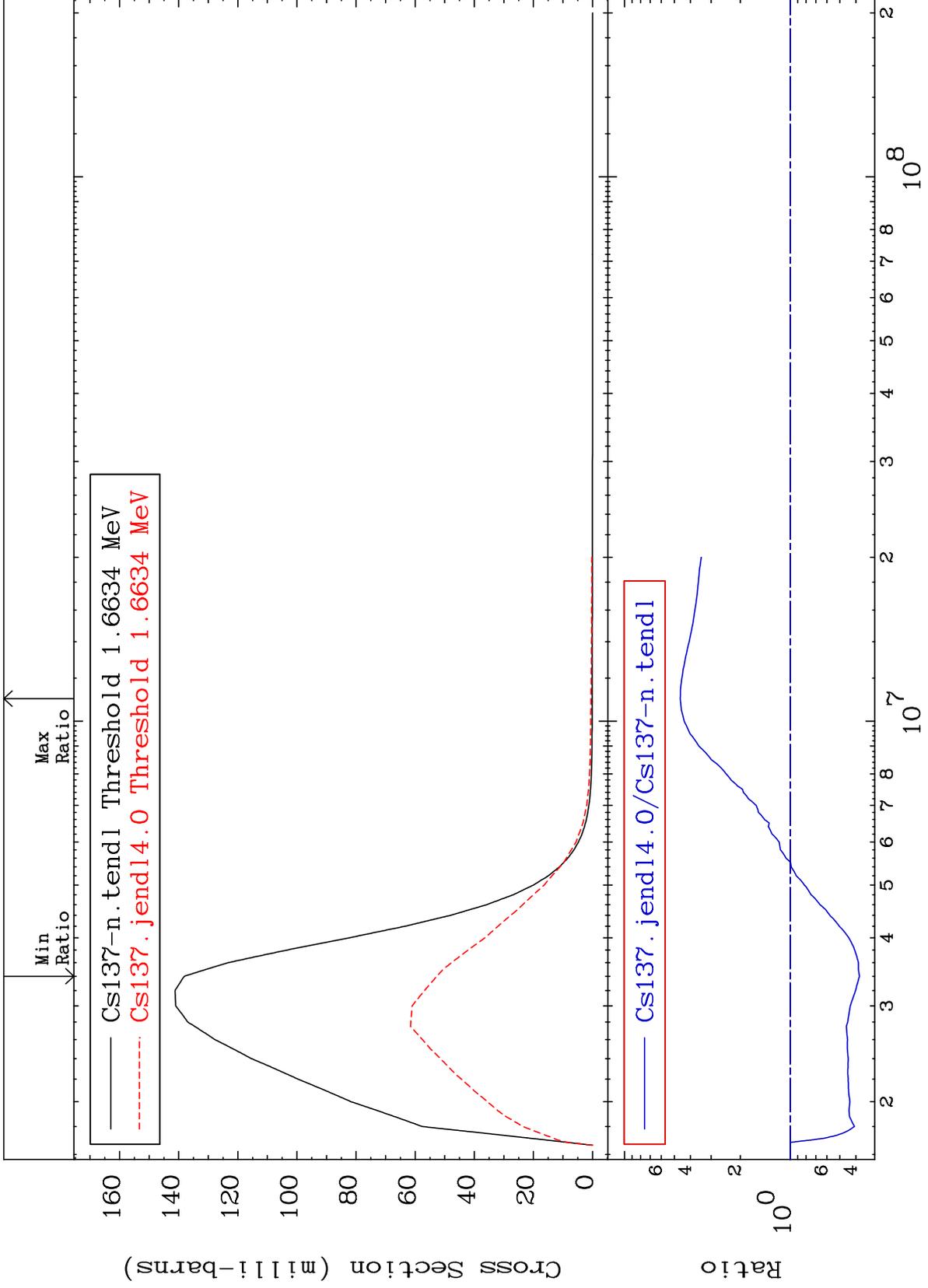
55-Cs-137
-81.45 To 46.70 %

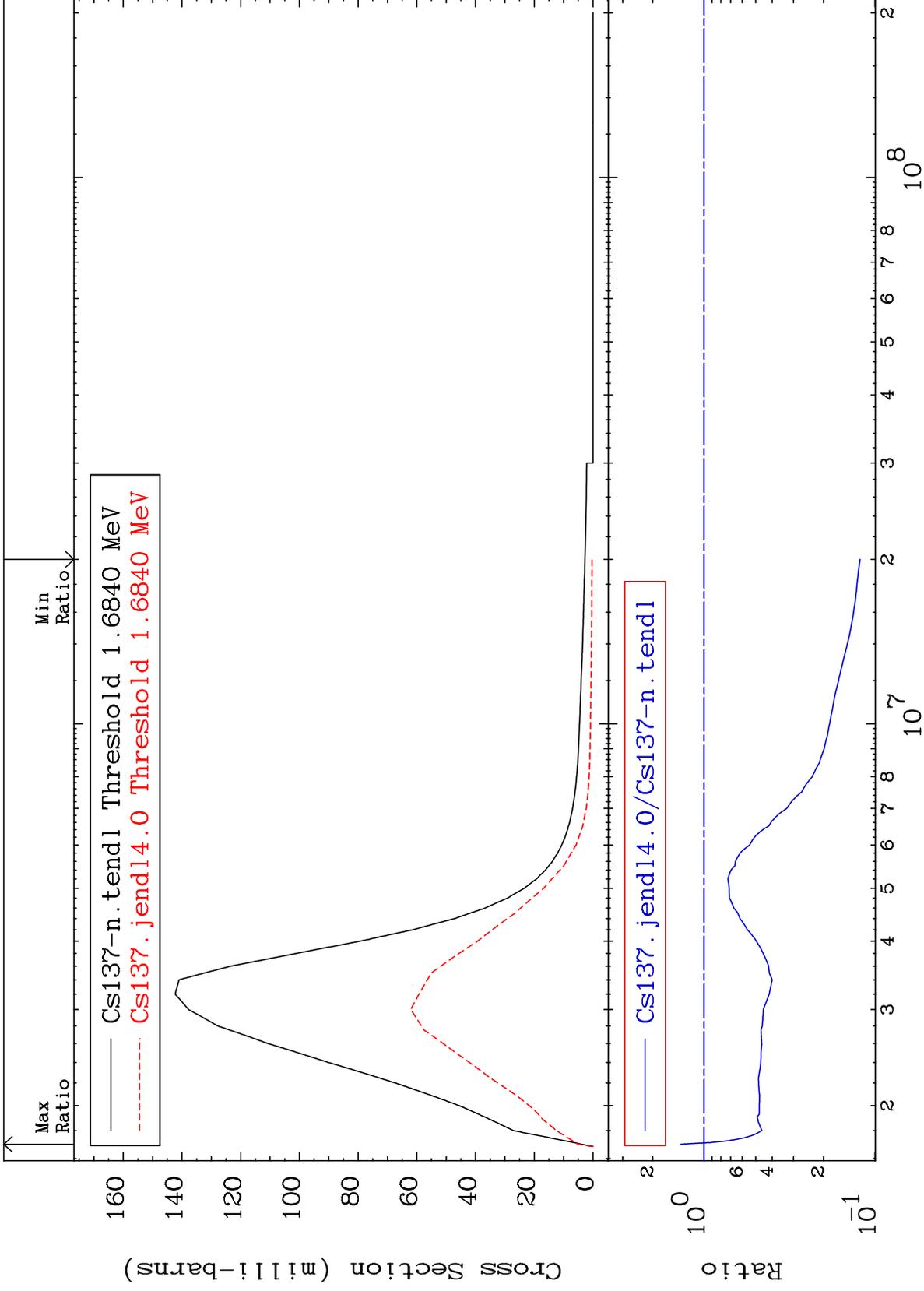


MAT 5537

1.651 MeV (n,n') Level
Cross Section

55-Cs-137
-61.89 To 360.7 %





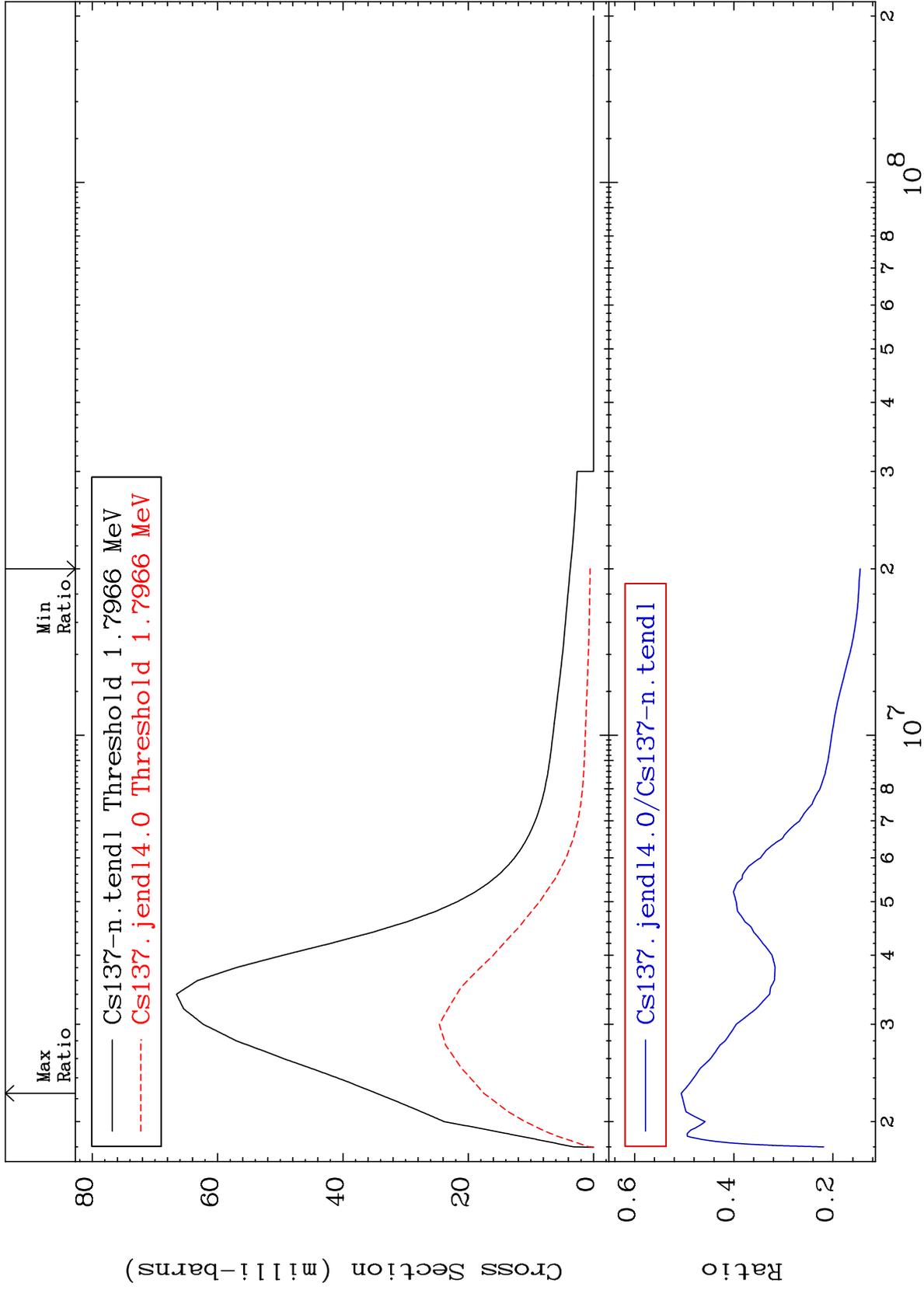
MAT 5537

1.783 MeV (n,n') Level

55-Cs-137

-85.49 To -49.38%

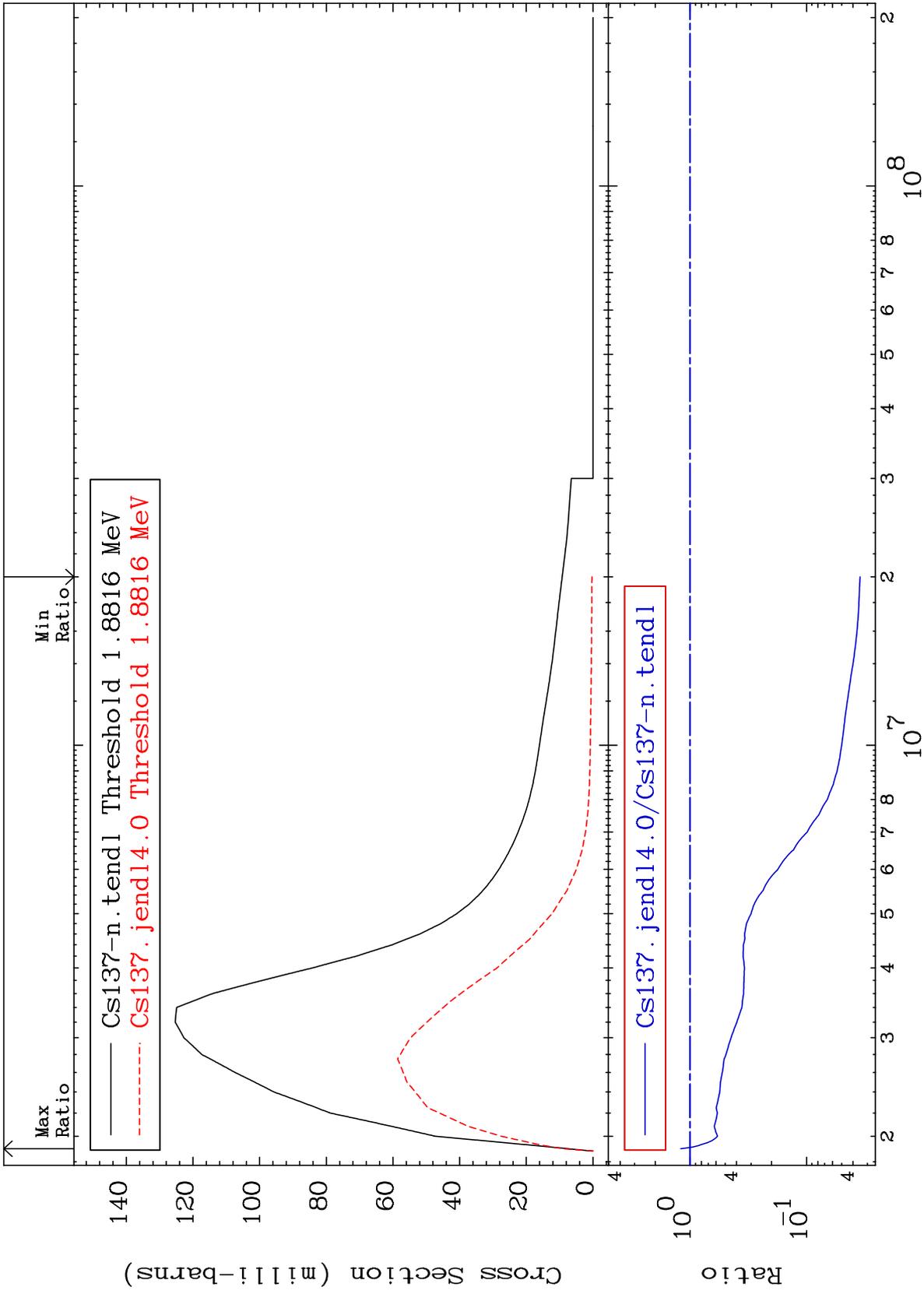
Cross Section



MAT 5537

1.868 MeV (n,n') Level
Cross Section

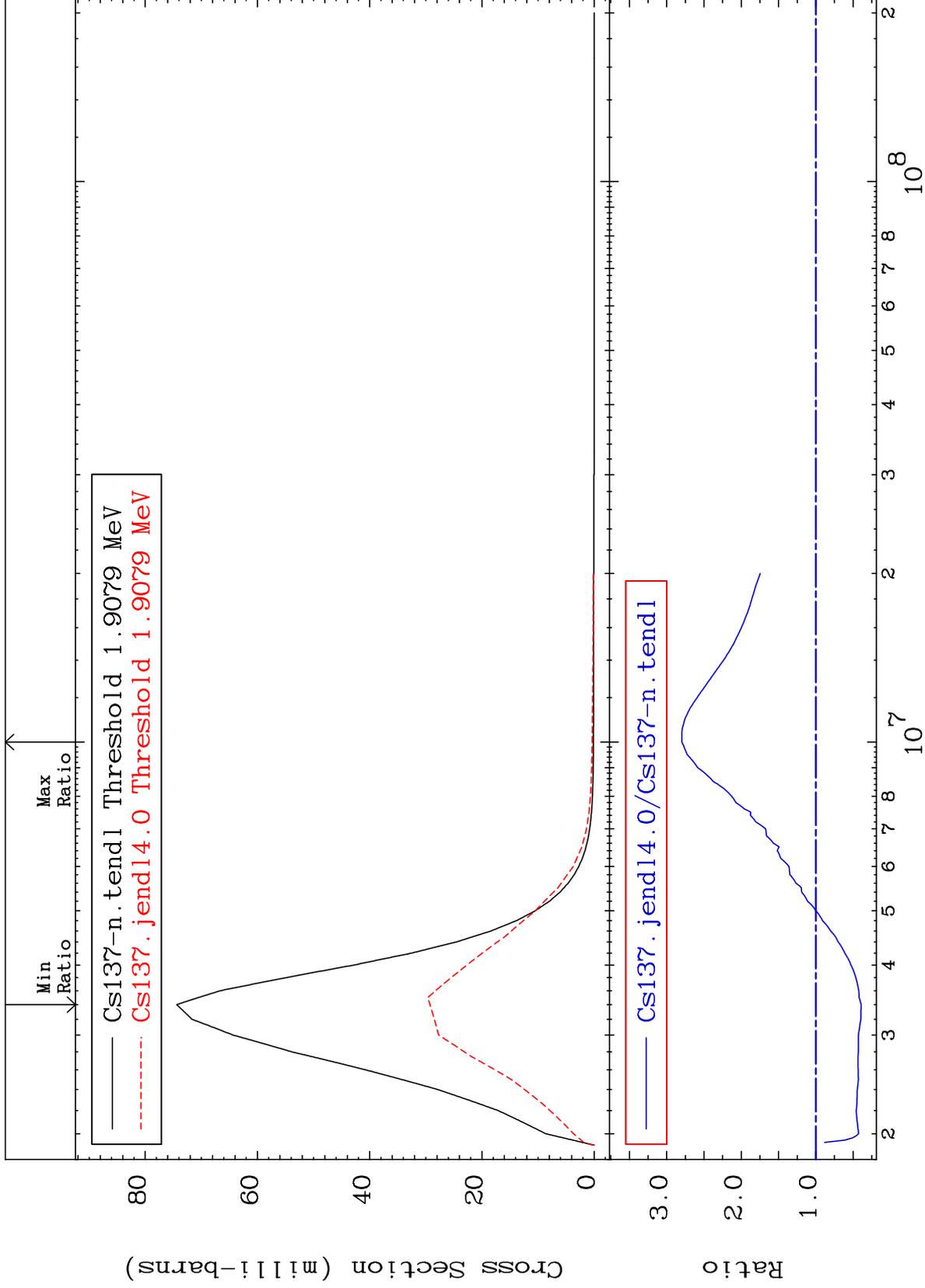
55-Cs-137
-96.53 To 20.48 %



MAT 5537

1.894 MeV (n,n') Level
Cross Section

55-Cs-137
-60.68 To 179.6 %



27

Incident Energy (eV)

55-Cs-137

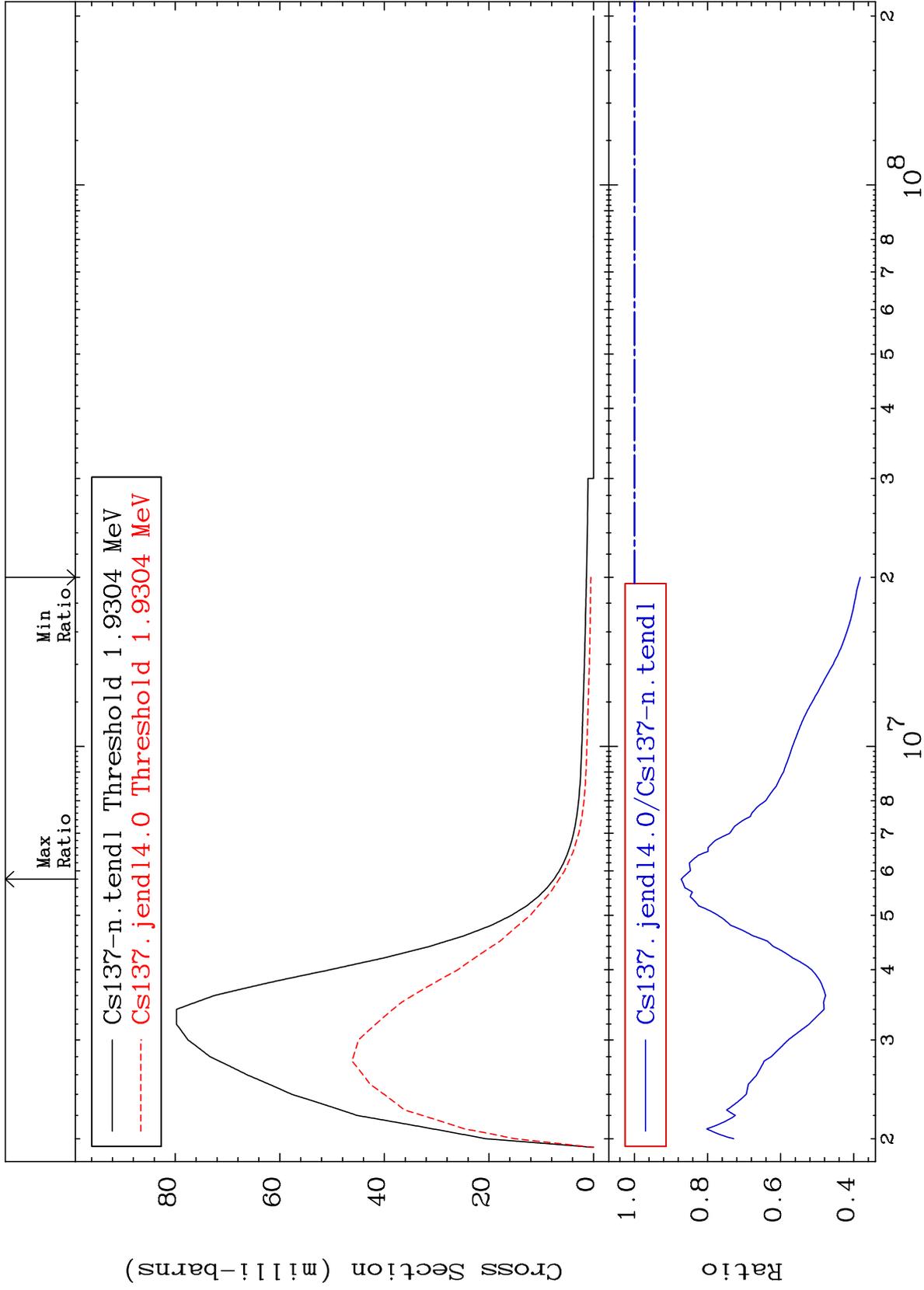
MAT 5537

1.916 MeV (n,n') Level

55-Cs-137

-61.76 To -12.80%

Cross Section



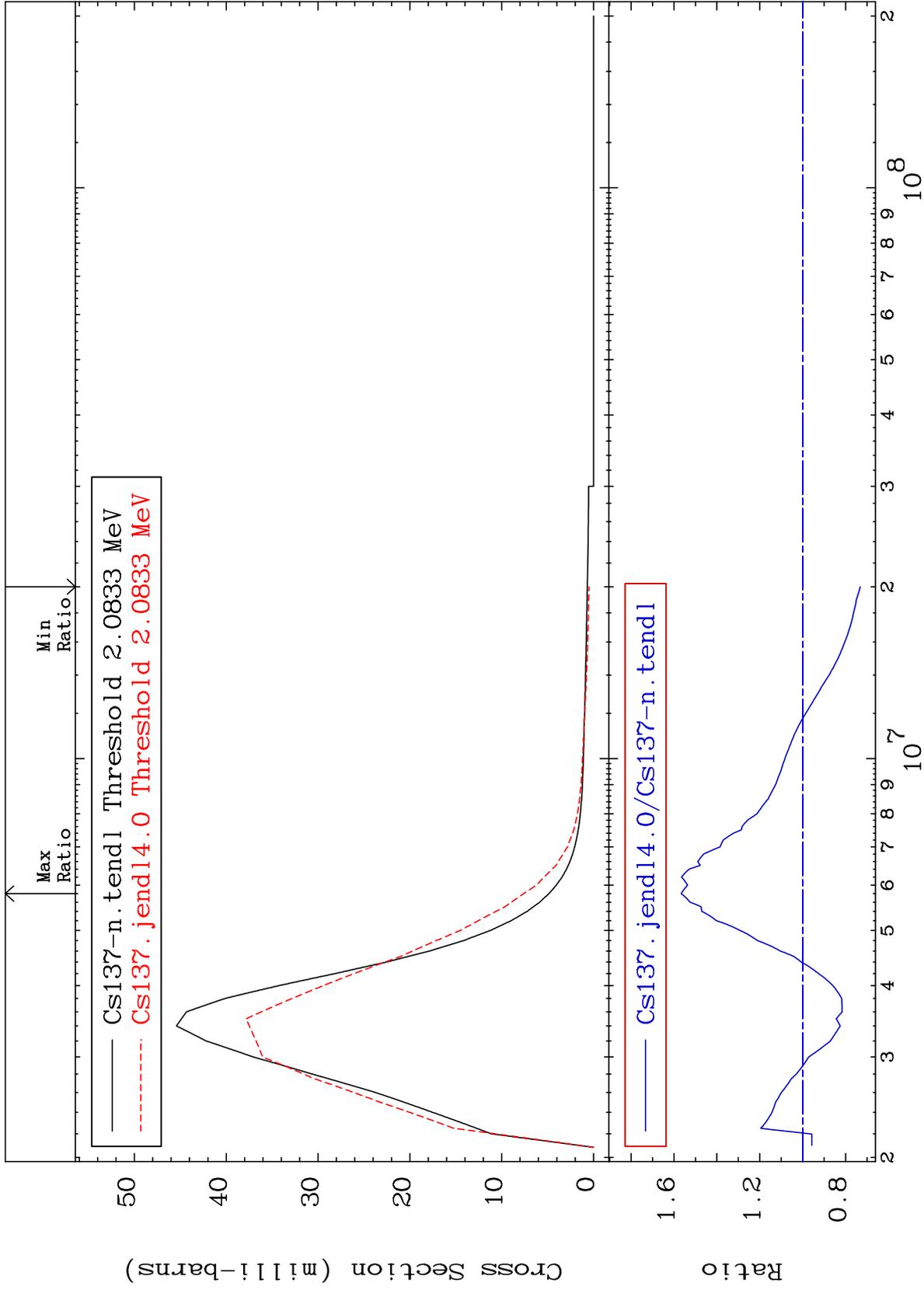
MAT 5537

2.068 MeV (n,n') Level

55-Cs-137

-26.81 To 56.64 %

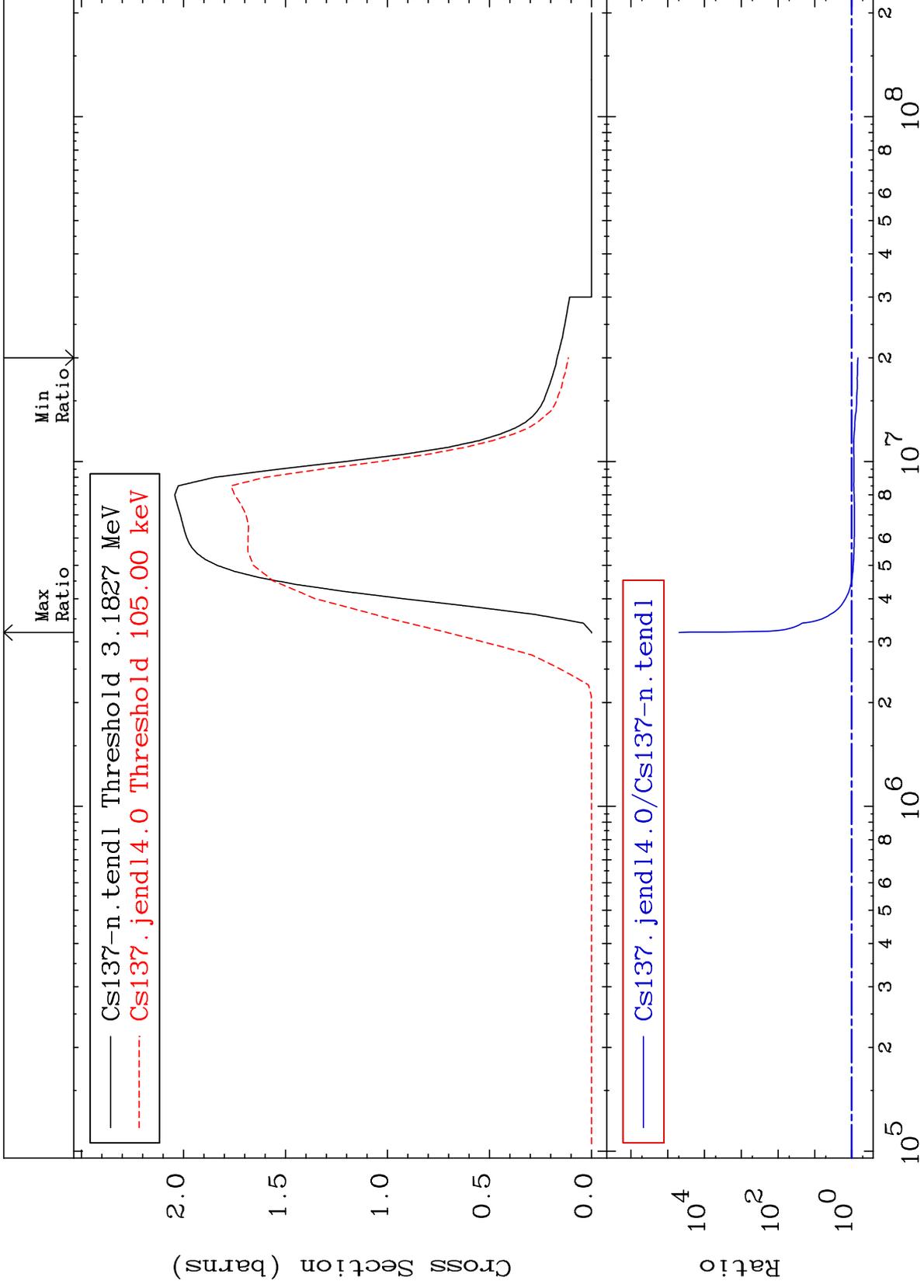
Cross Section



MAT 5537

(n, n') Continuum
Cross Section

55-Cs-137
-32.53 To 9999. %



30

Incident Energy (eV)

55-Cs-137

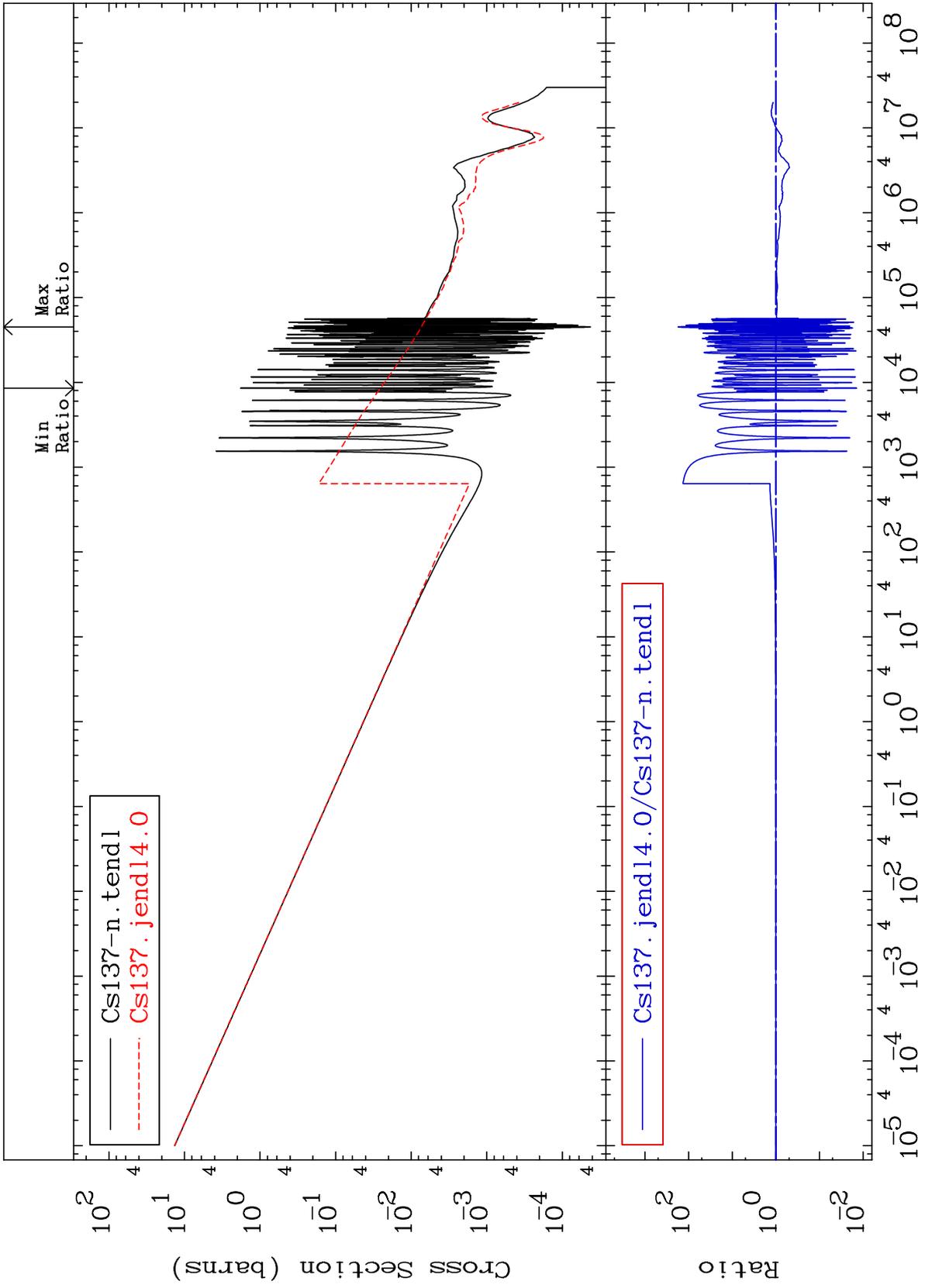
MAT 5537

(n, γ)

55-Cs-137

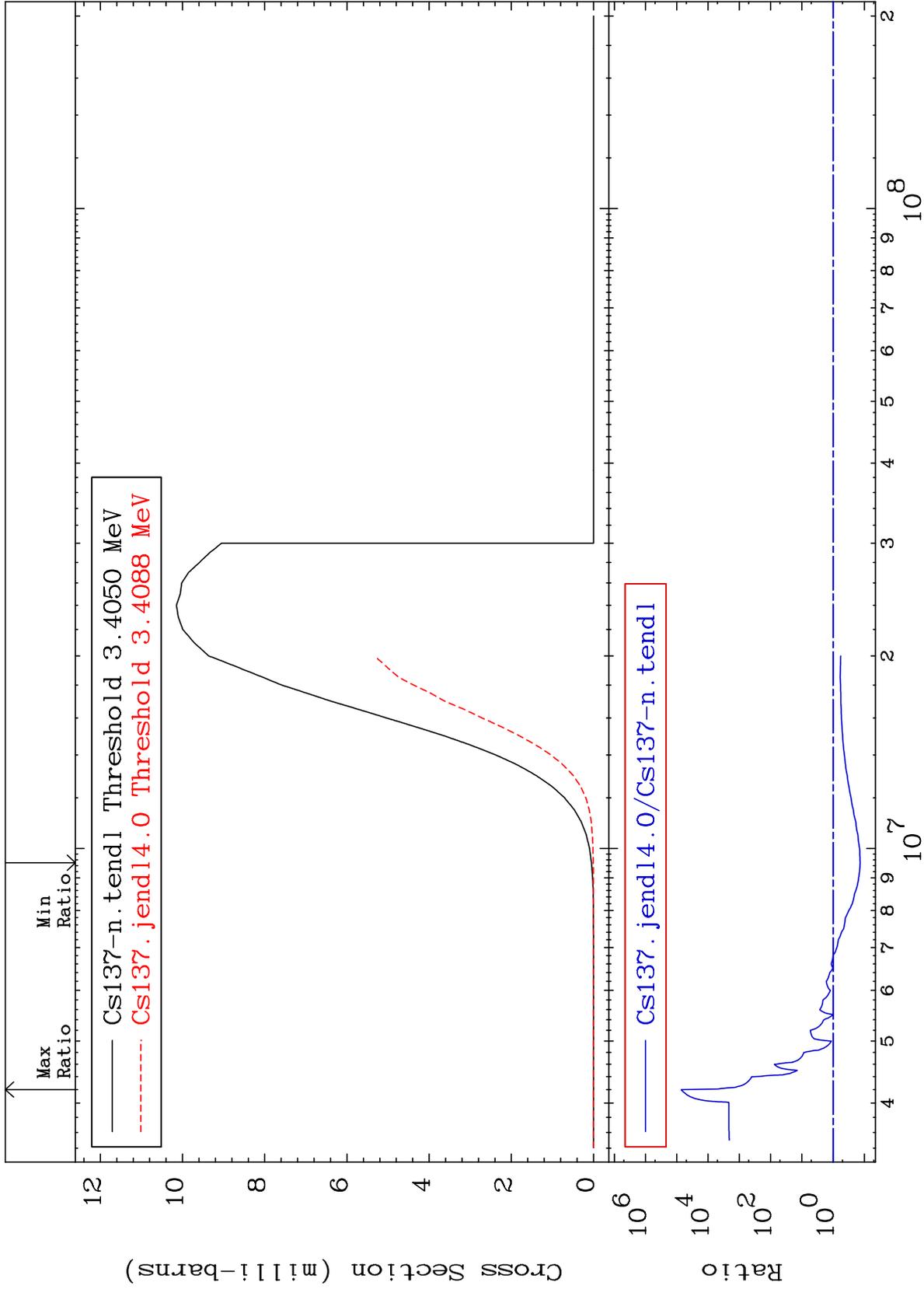
Cross Section

-98.59 To 9999. %



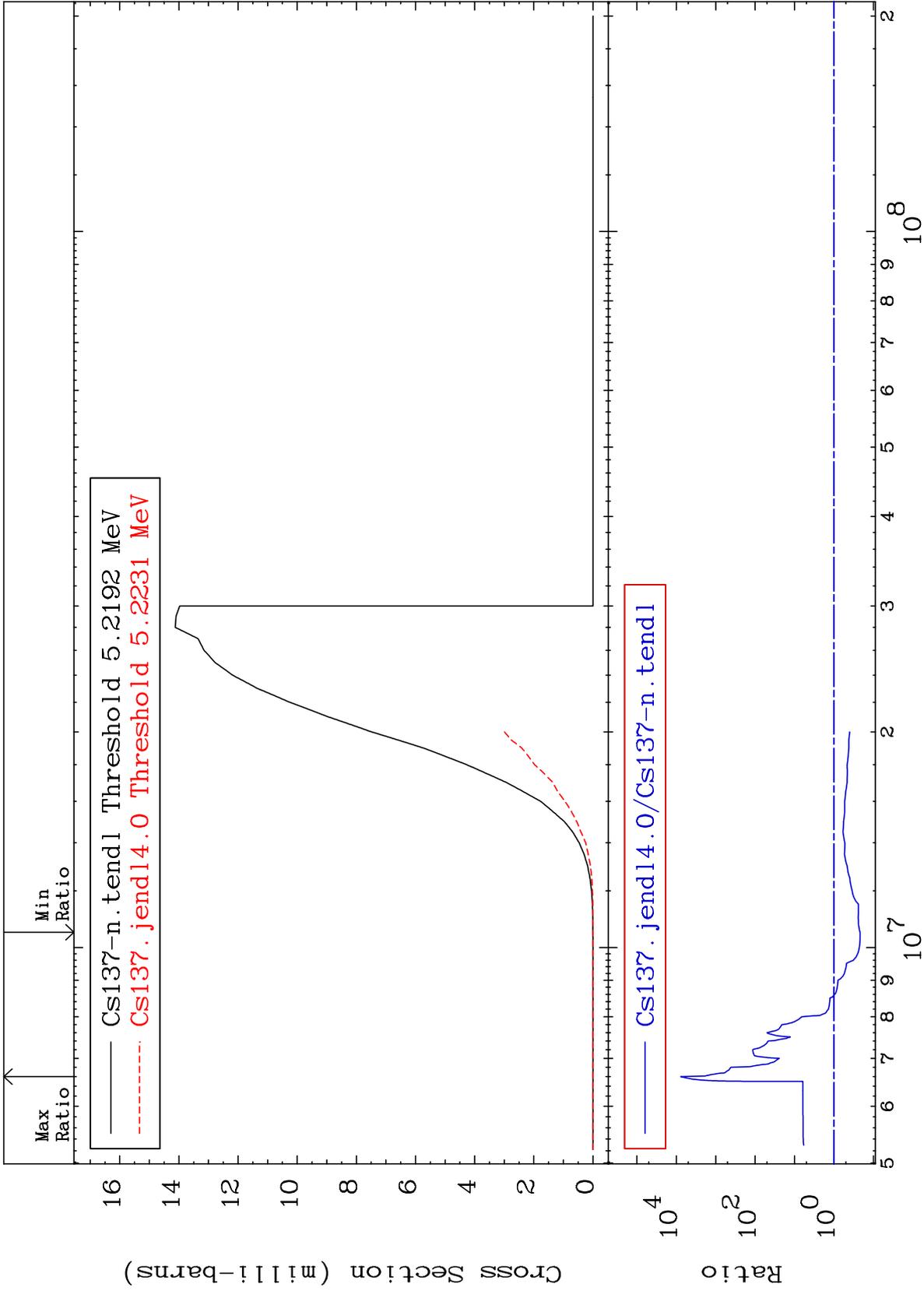
Cross Section

-86.45 To 9999. %



Cross Section

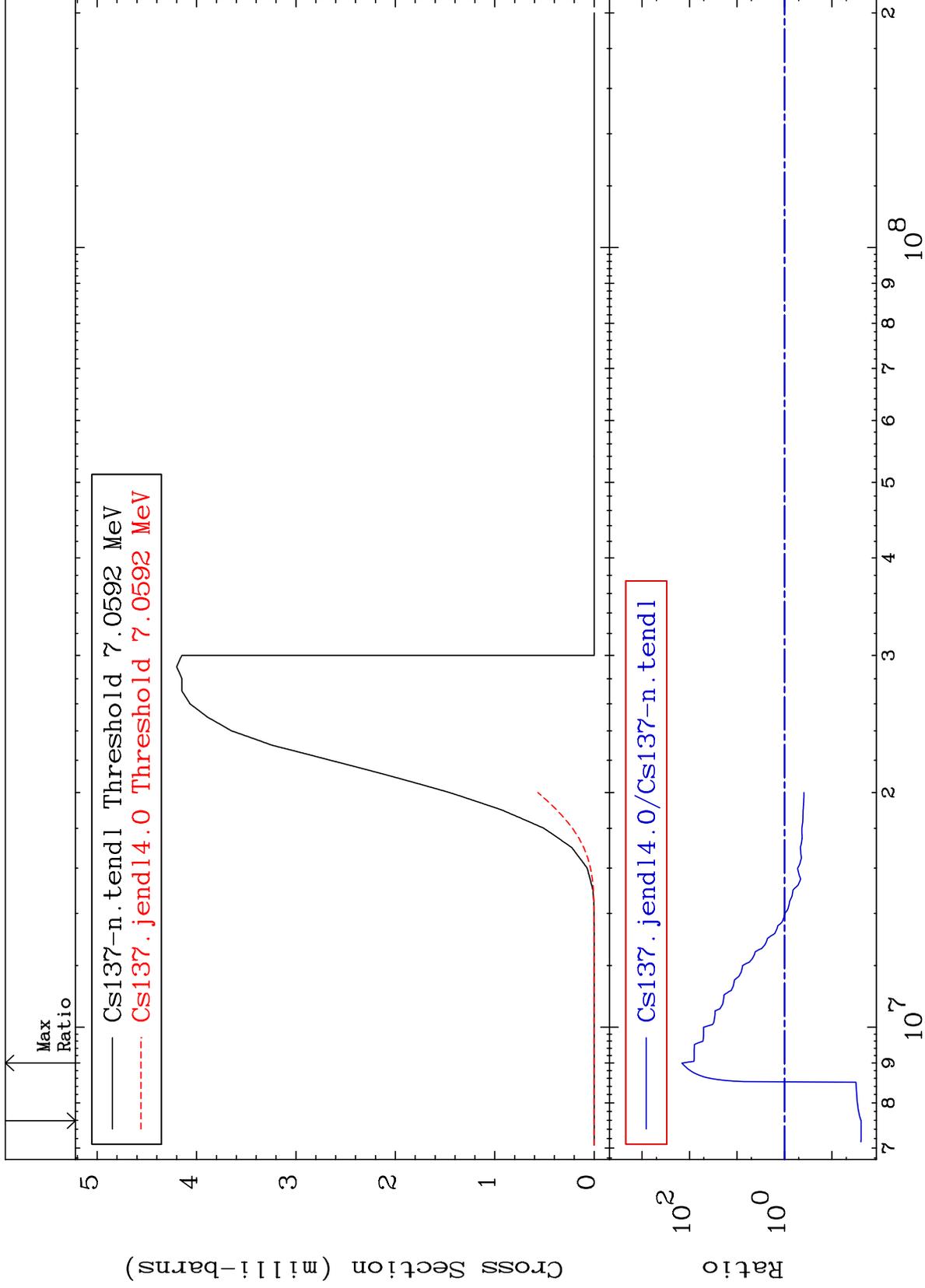
-78.25 To 9999. %



MAT 5537

(n, t)
Cross Section

55-Cs-137
-97.57 To 9999. %



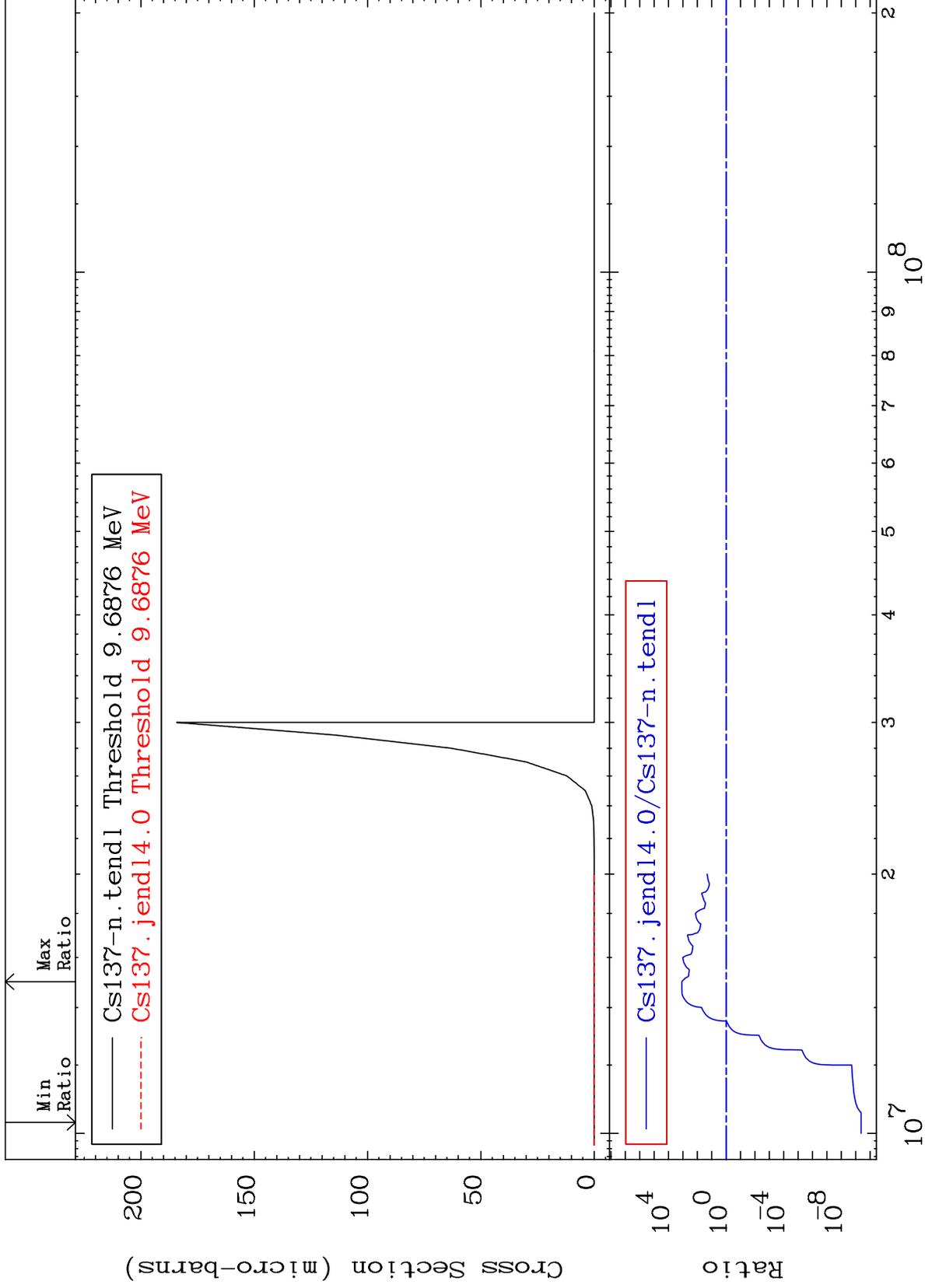
MAT 5537

(n, He-3)

55-Cs-137

Cross Section

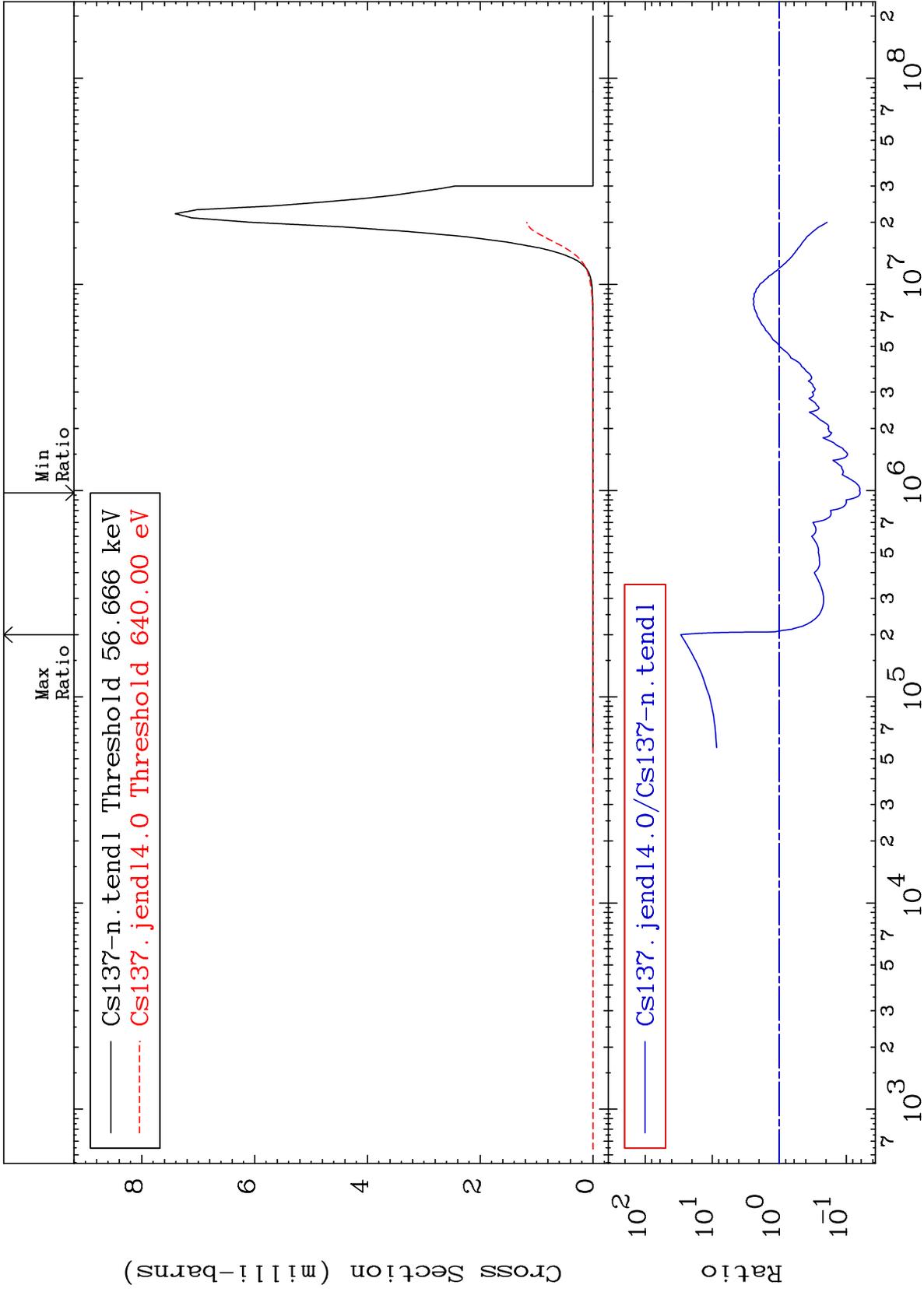
-100.0 To 9999. %



35

Incident Energy (eV)

55-Cs-137



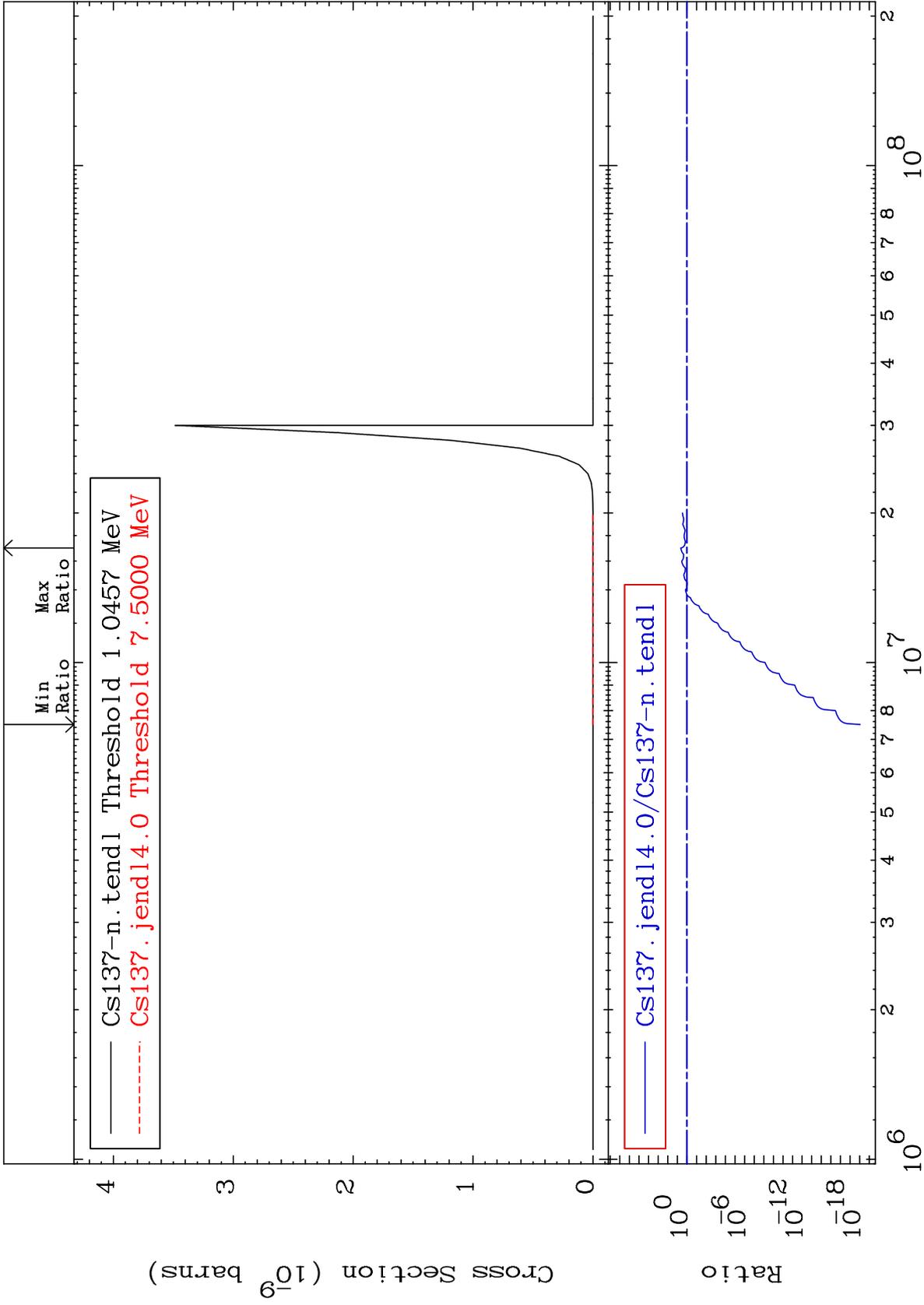
MAT 5537

(n, 2α)

55-Cs-137

Cross Section

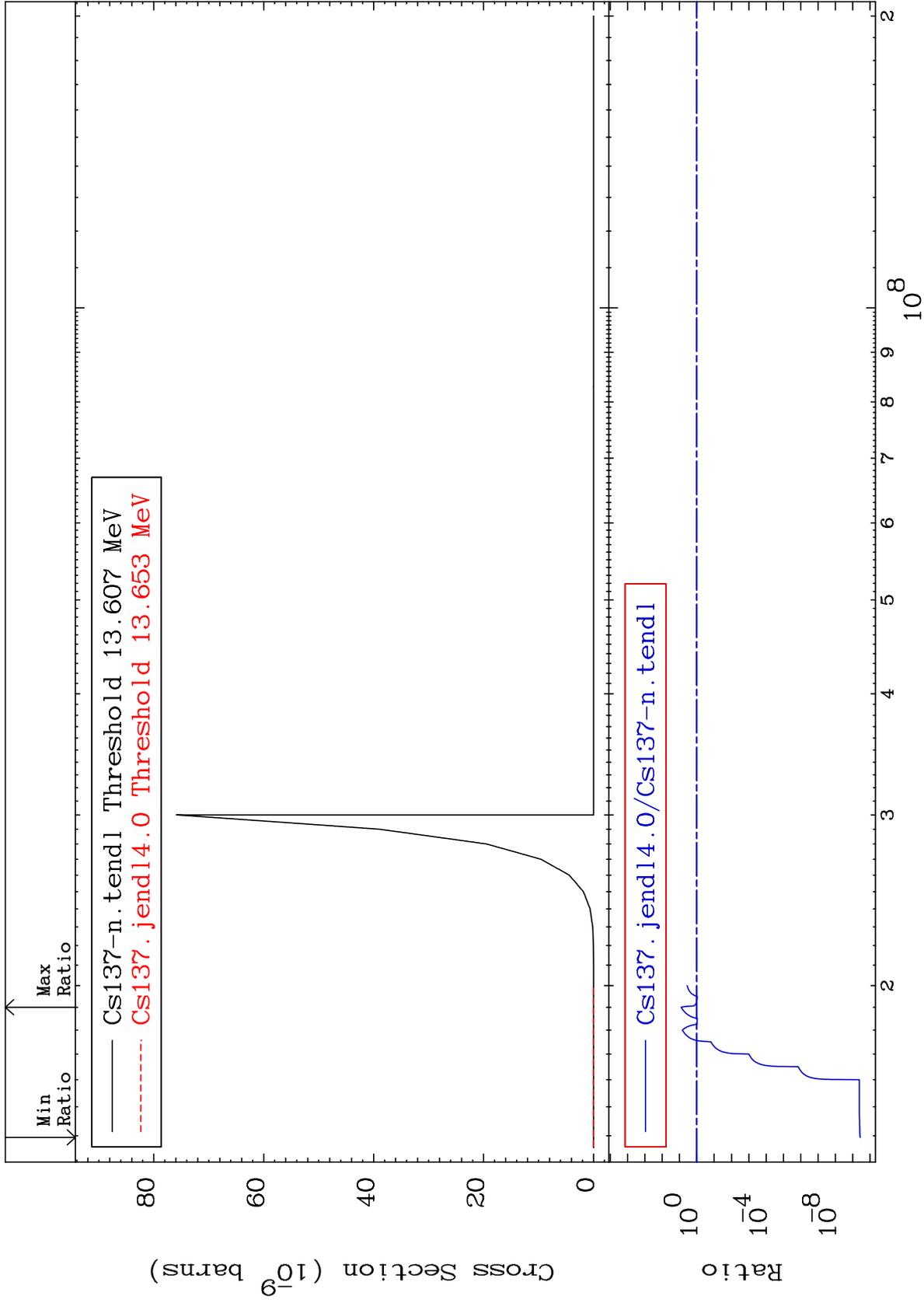
-100.0 To 344.4 %



37

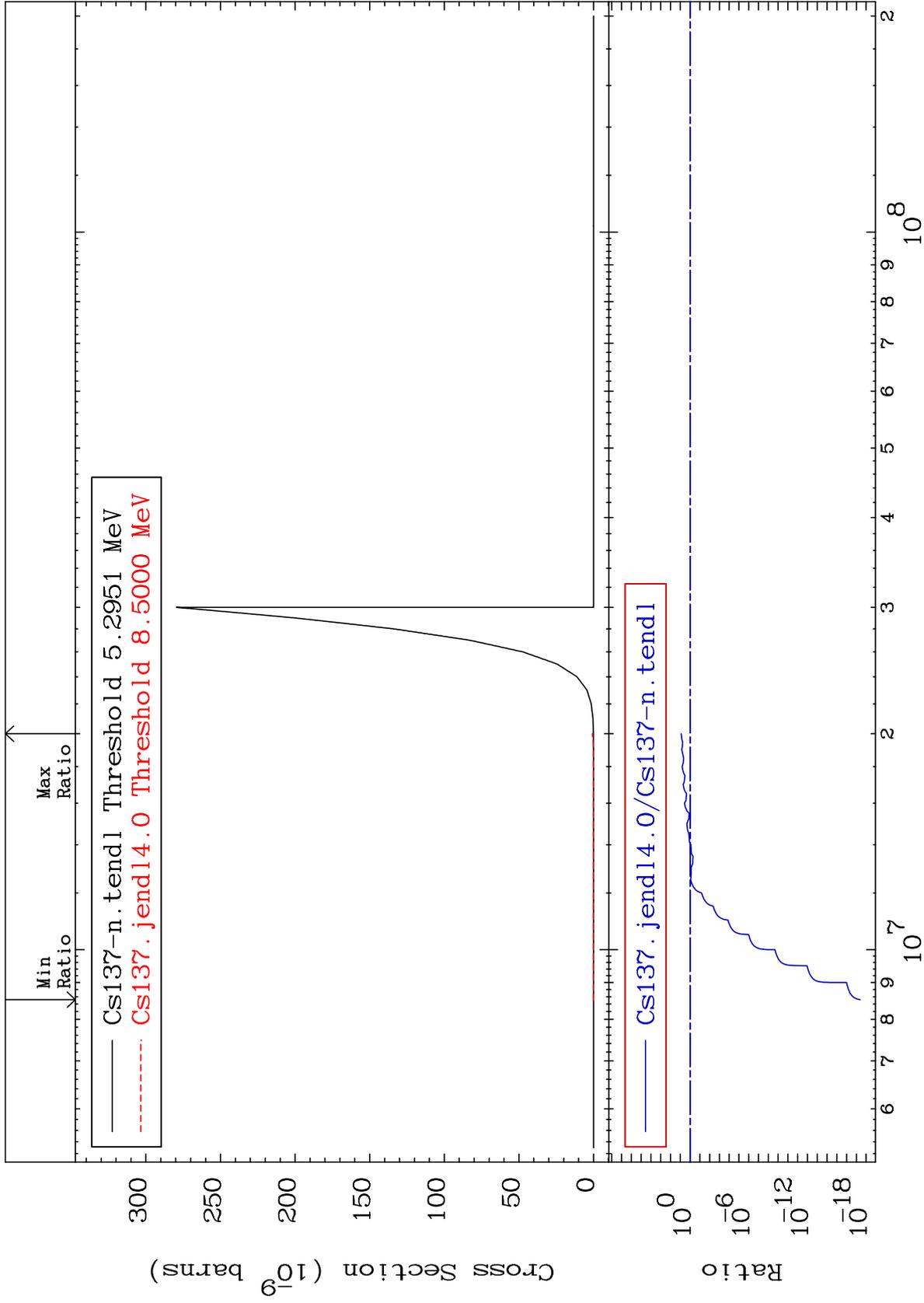
Incident Energy (eV)

55-Cs-137



Cross Section

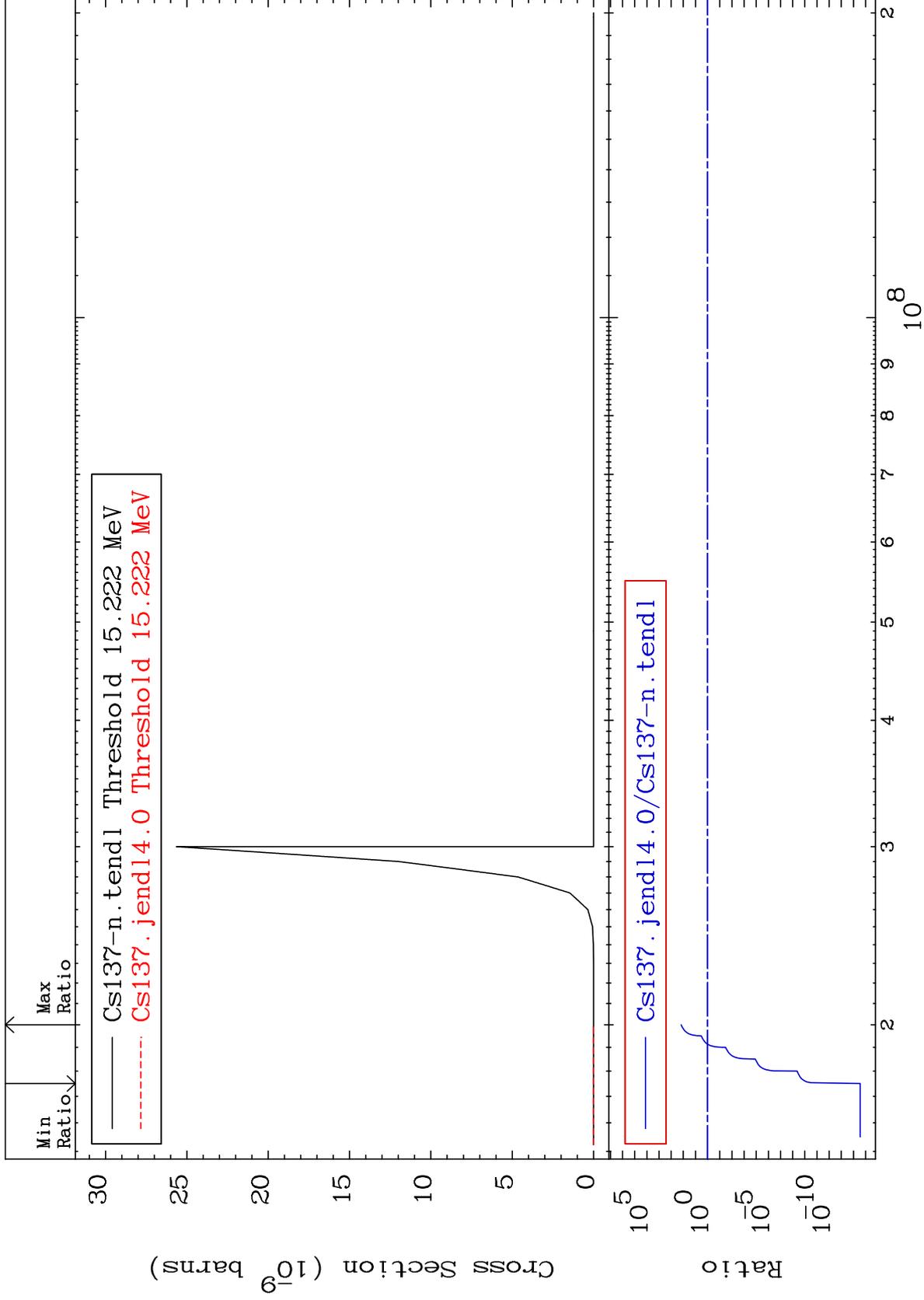
-100.0 To 705.8 %



MAT 5537

(n,p) d
Cross Section

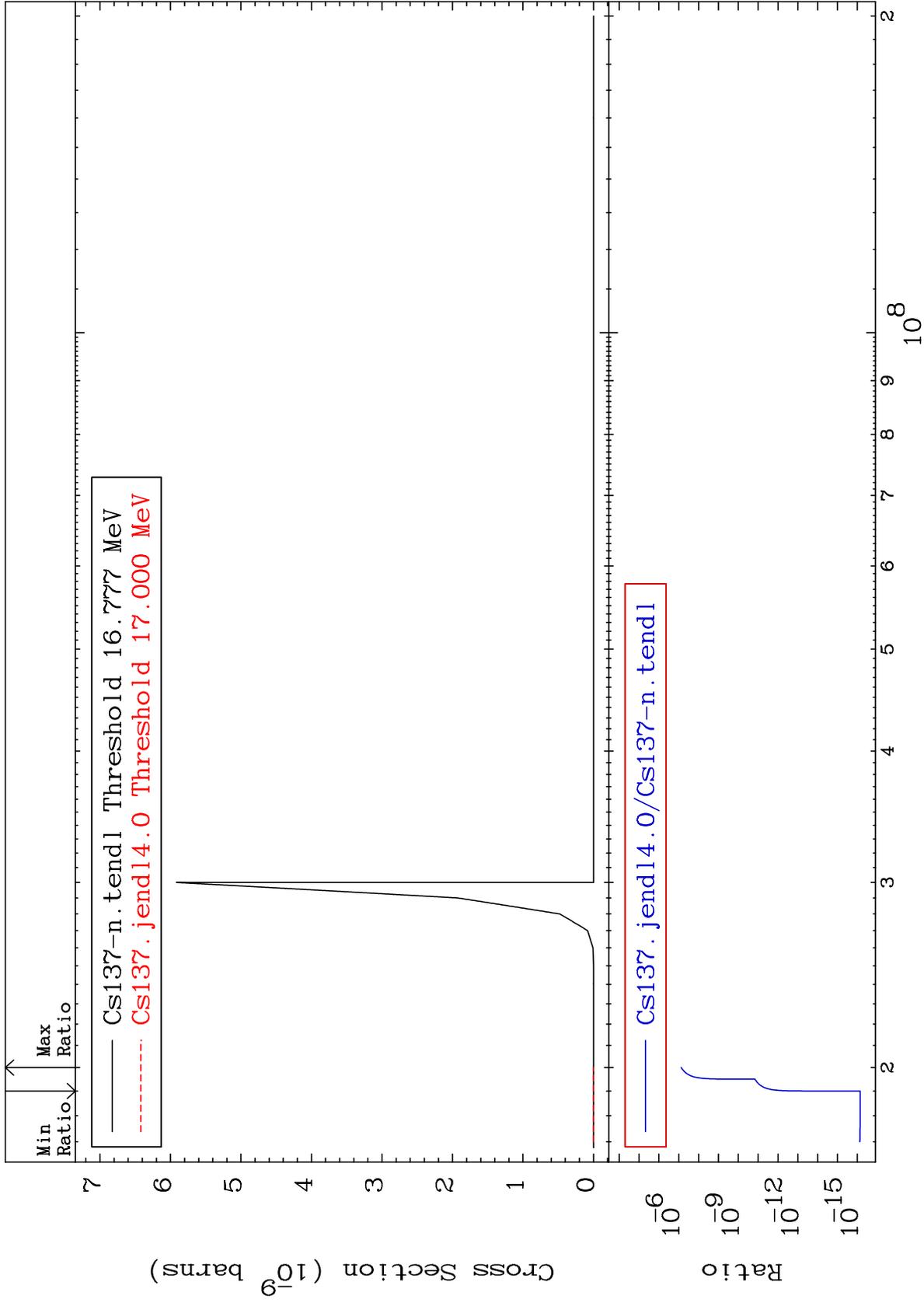
55-Cs-137
-100.0 To 9999. %

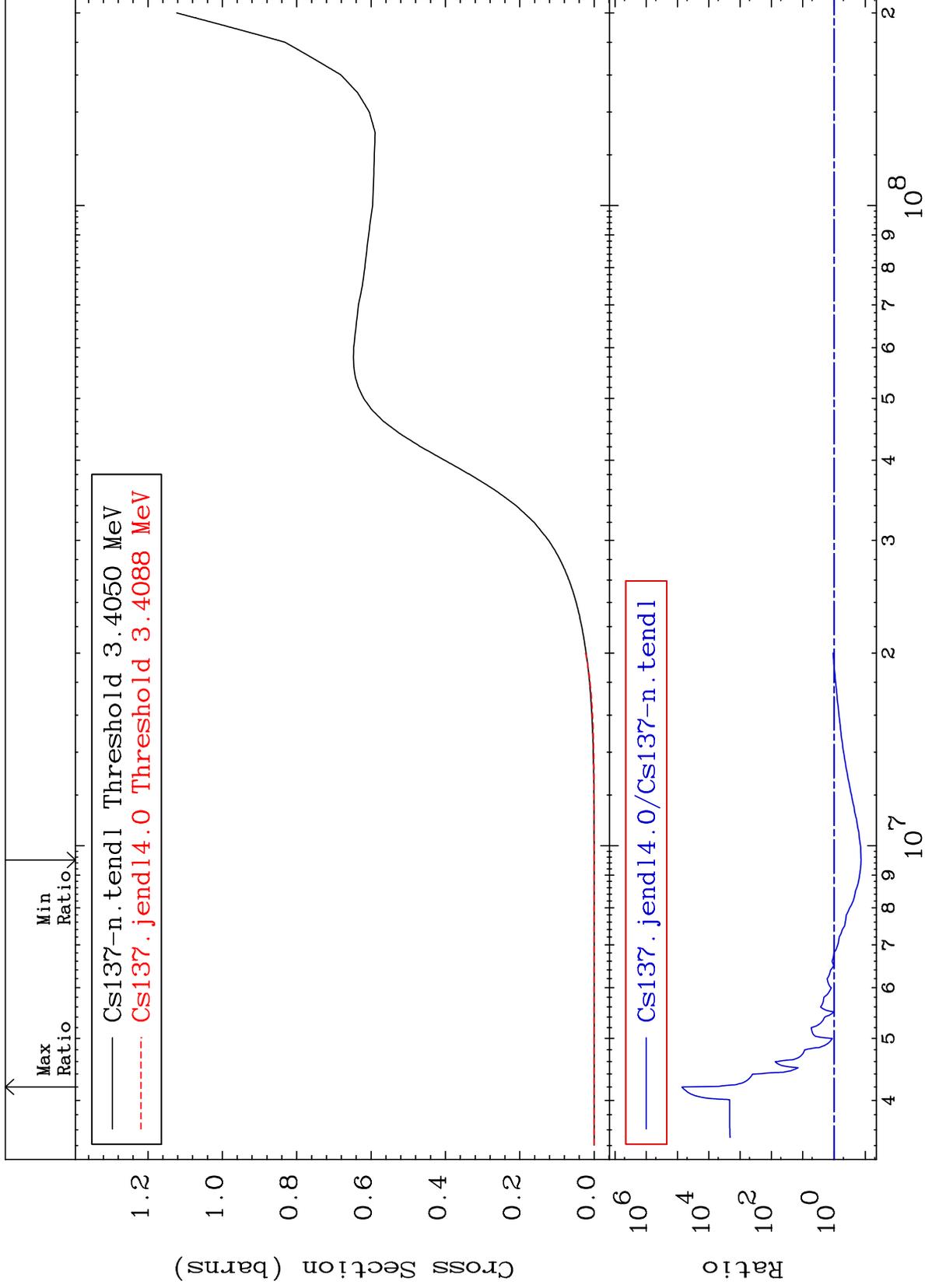


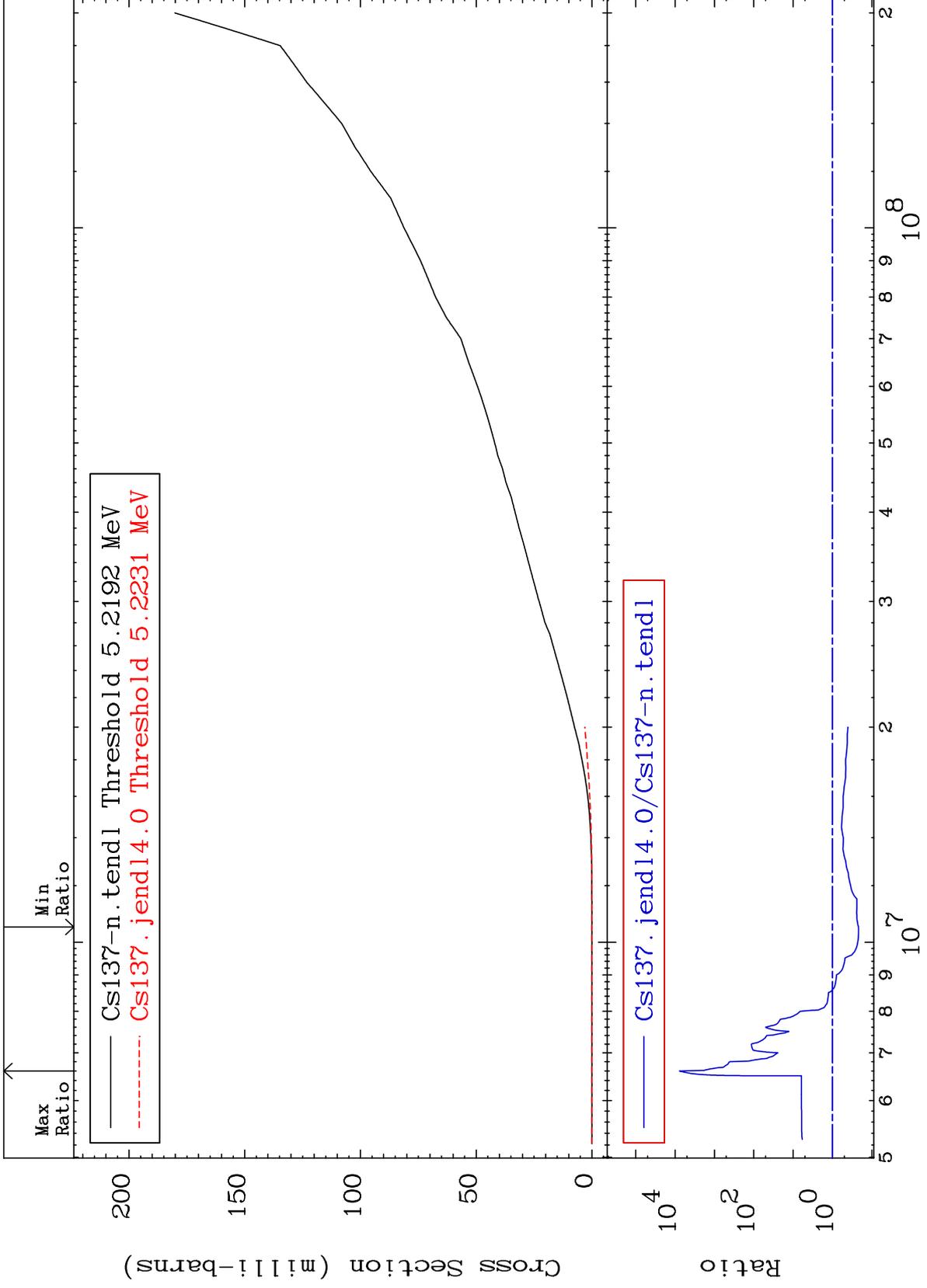
MAT 5537

(n,p) t
Cross Section

55-Cs-137
-100.0 To -100.0%



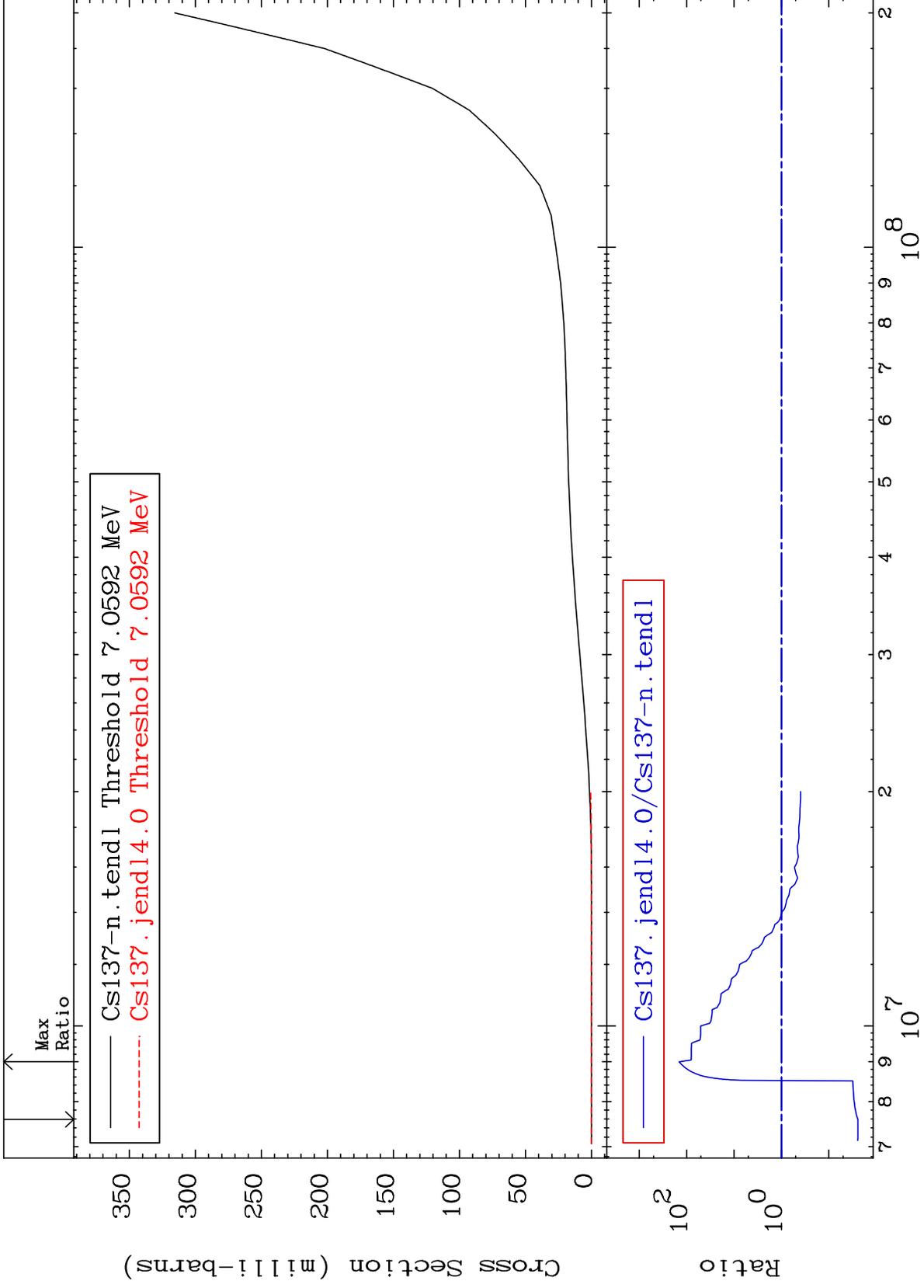




MAT 5537

Tritium Production
Cross Section

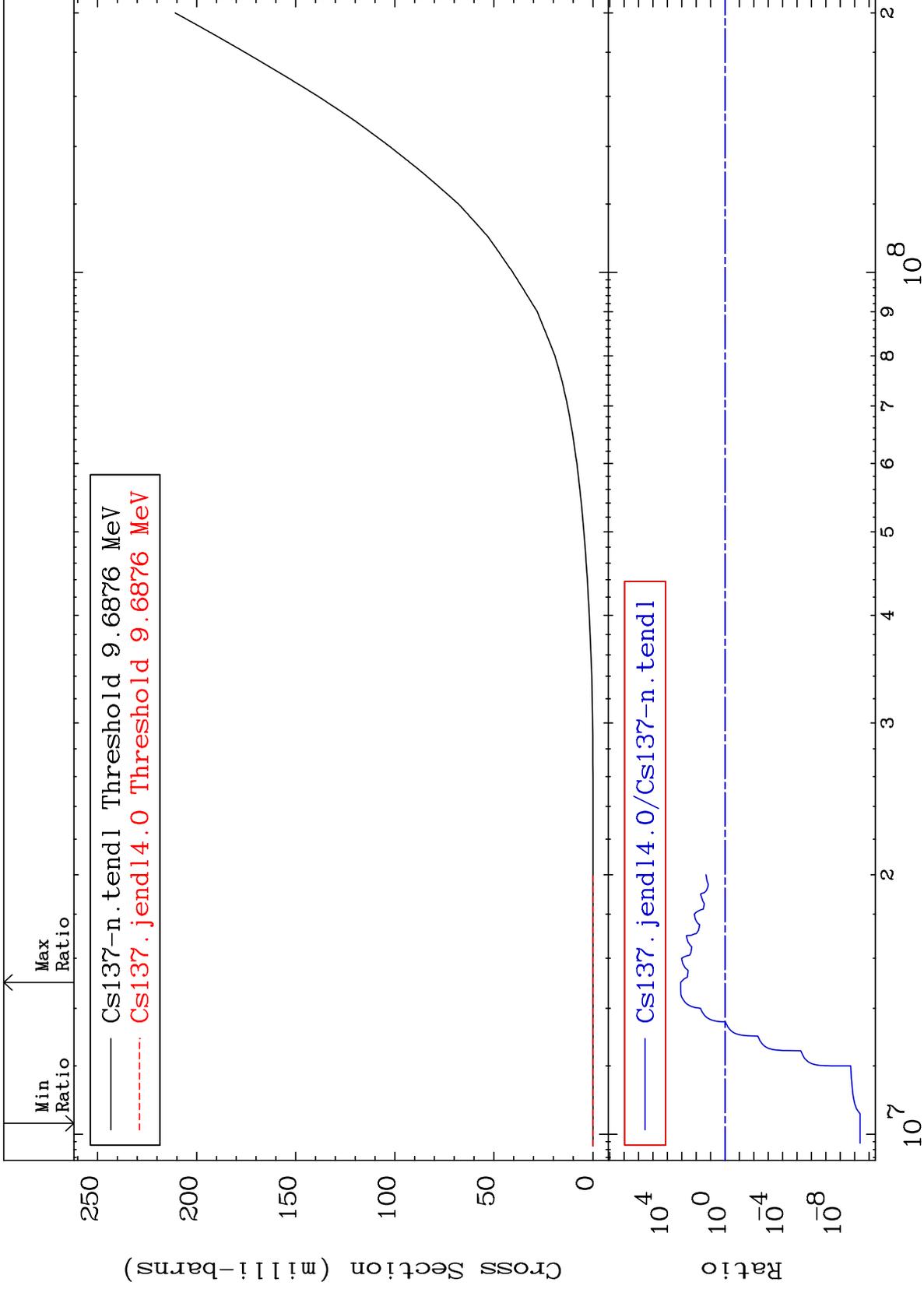
55-Cs-137
-97.57 To 9999. %



MAT 5537

He-3 Production
Cross Section

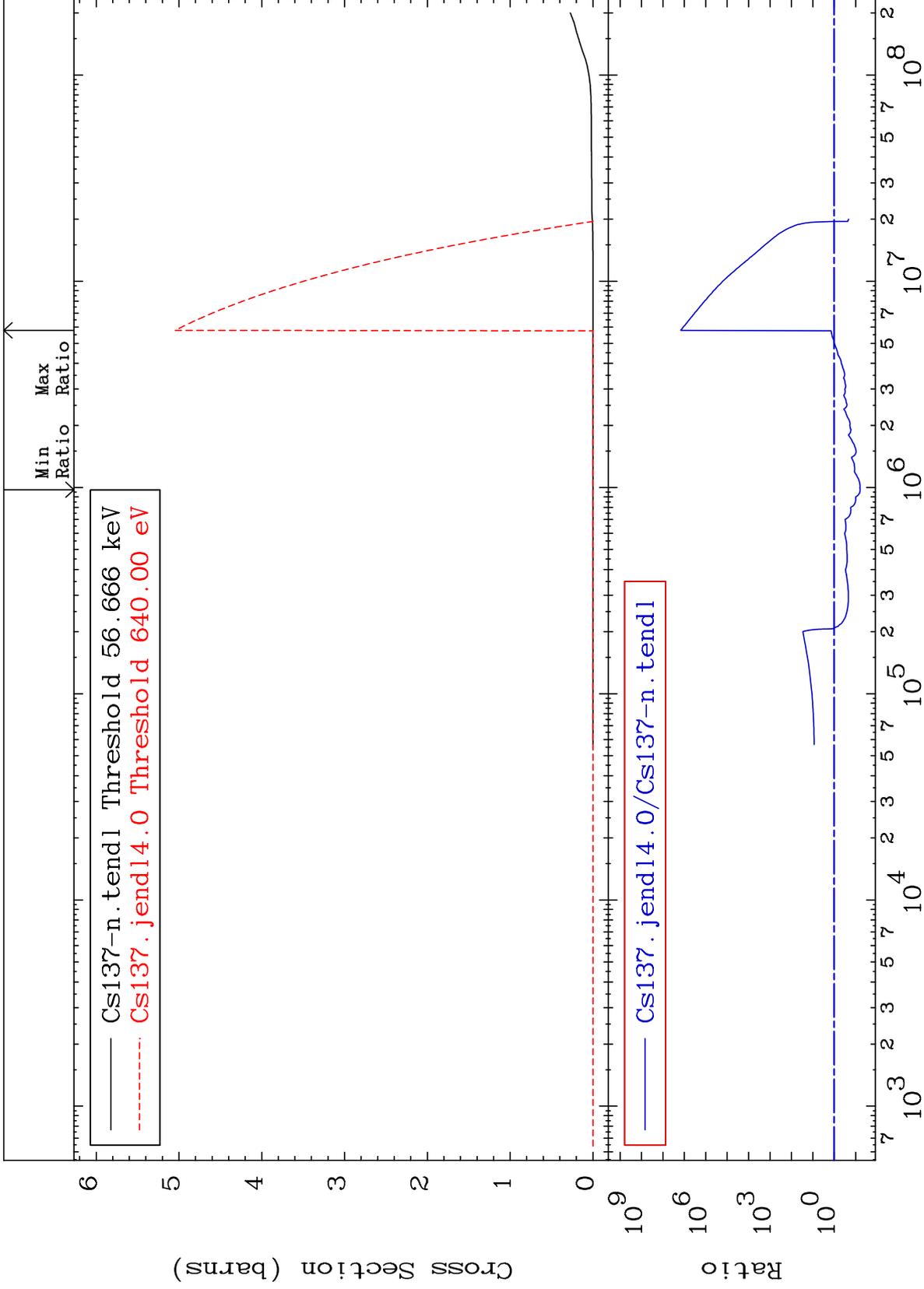
55-Cs-137
-100.0 To 9999. %

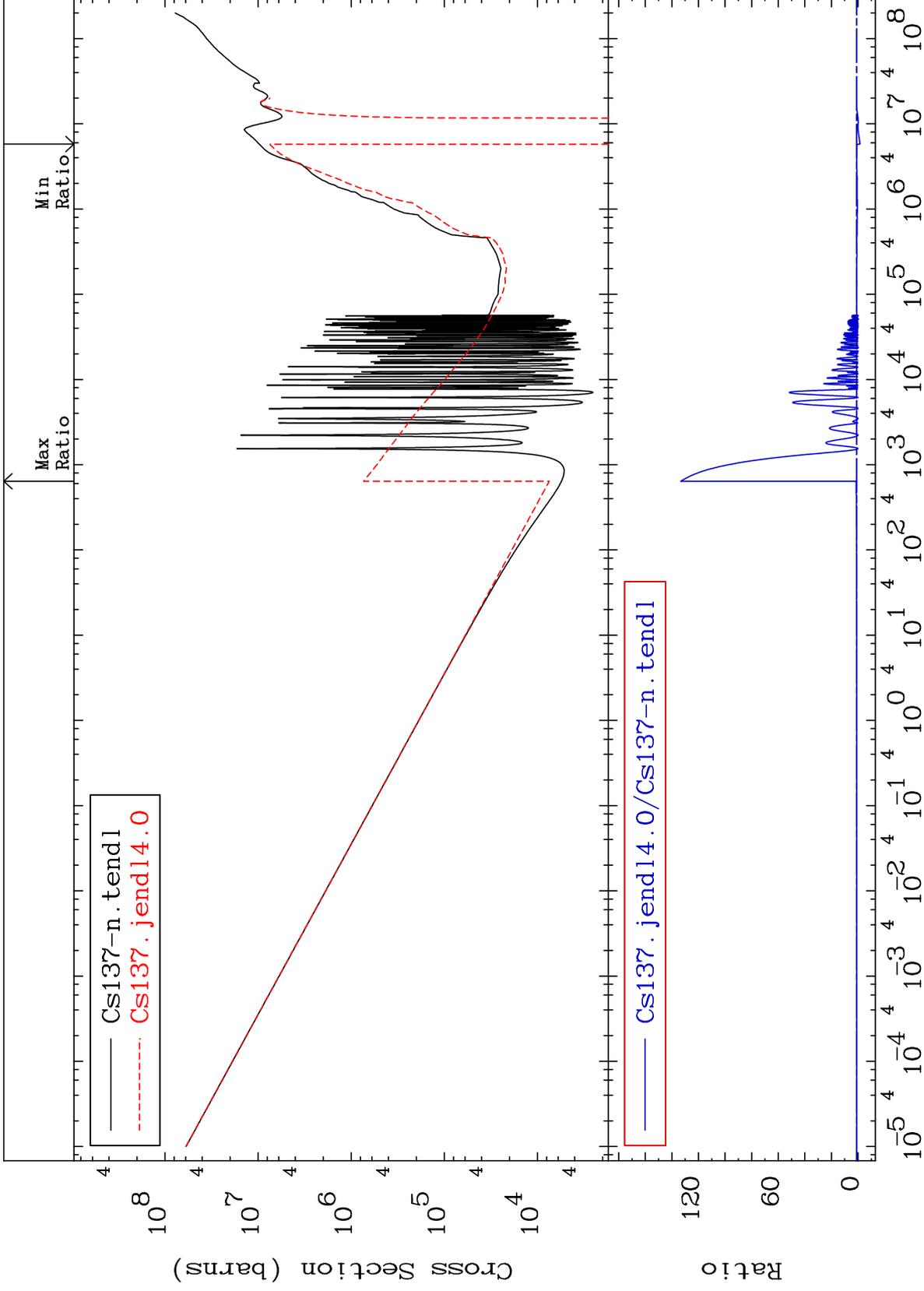


45

Incident Energy (eV)

55-Cs-137

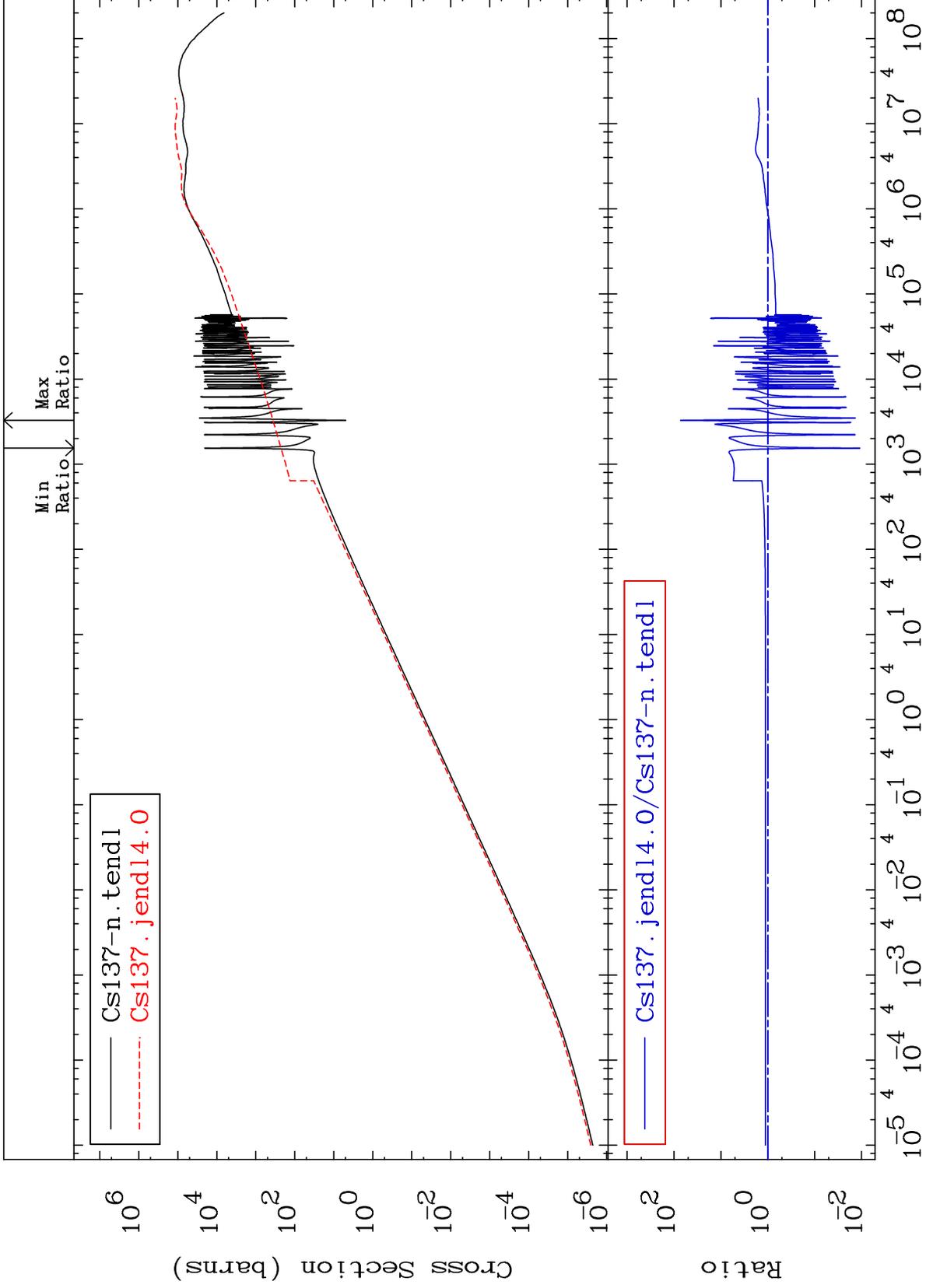




MAT 5537

Kerma elastic
Cross Section

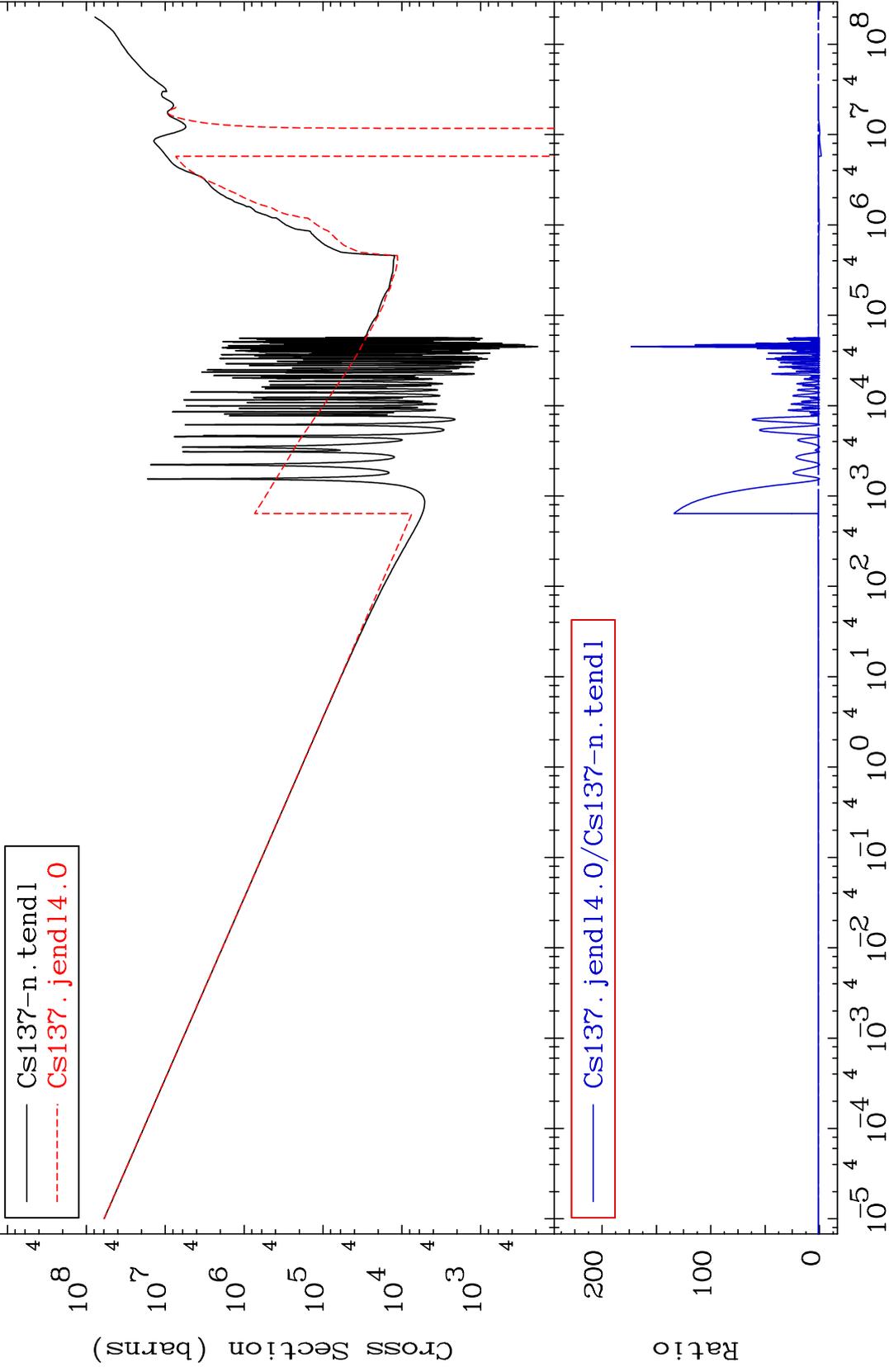
55-Cs-137
-98.91 To 7155. %



MAT 5537

Kerma non-elastic (all but mt2)
Cross Section

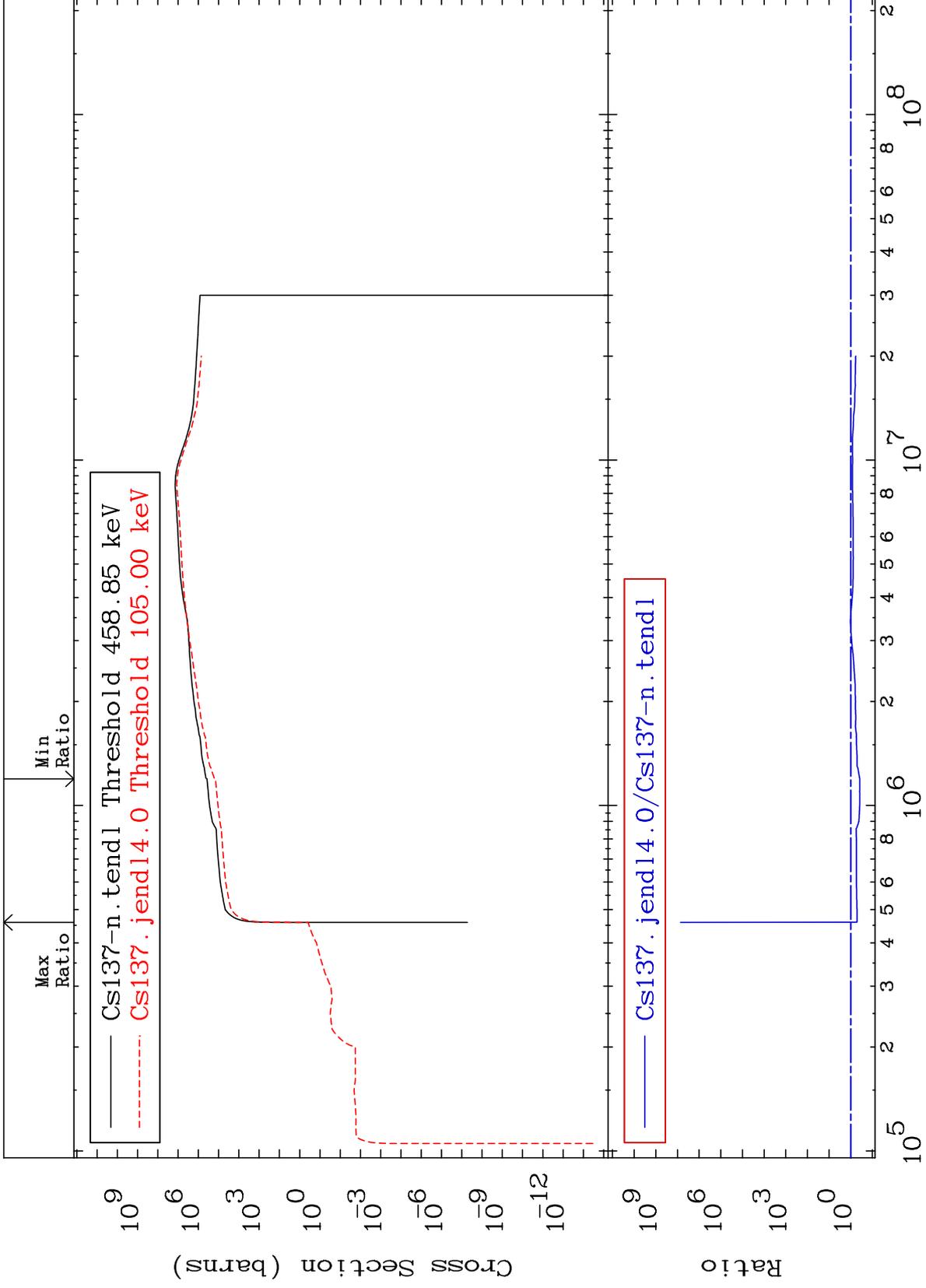
55-Cs-137
-259.8 To 9999. %



MAT 5537

Kerma inelastic (mt51-91)
Cross Section

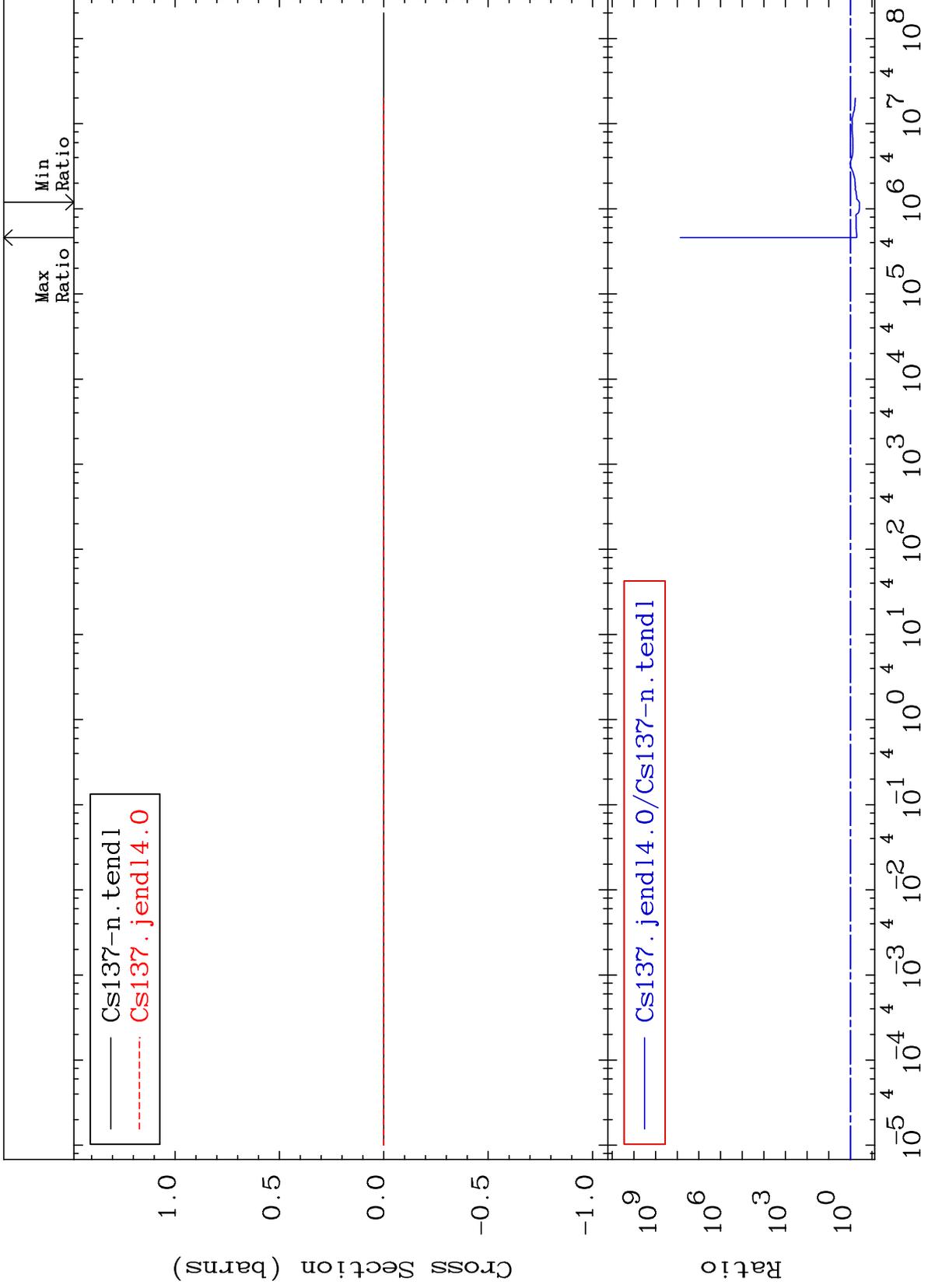
55-Cs-137
-61.94 To 9999. %



50

Incident Energy (eV)

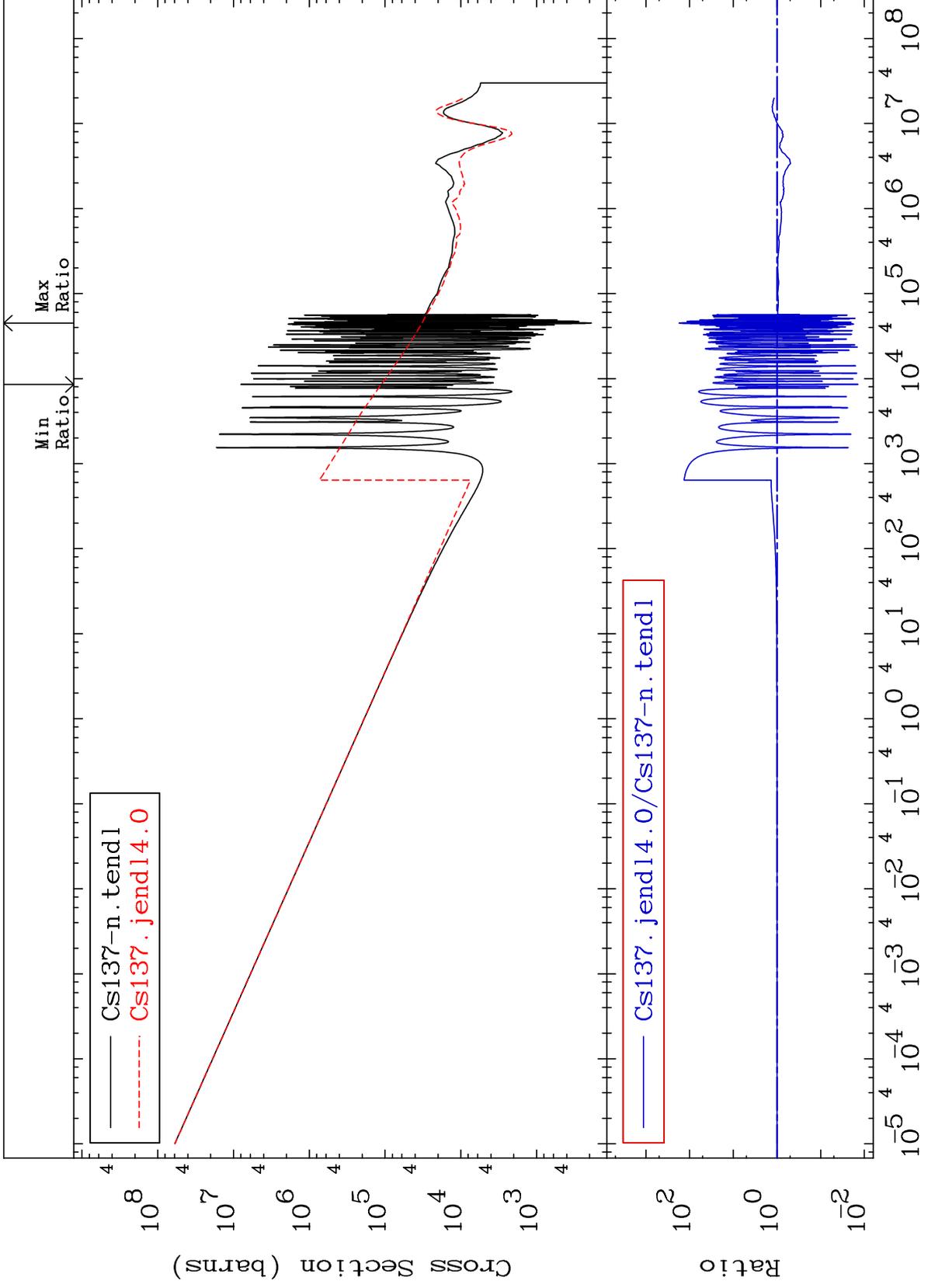
55-Cs-137



MAT 5537

Kerma capture (mt102)
Cross Section

55-Cs-137
-98.61 To 9999. %



52

Incident Energy (eV)

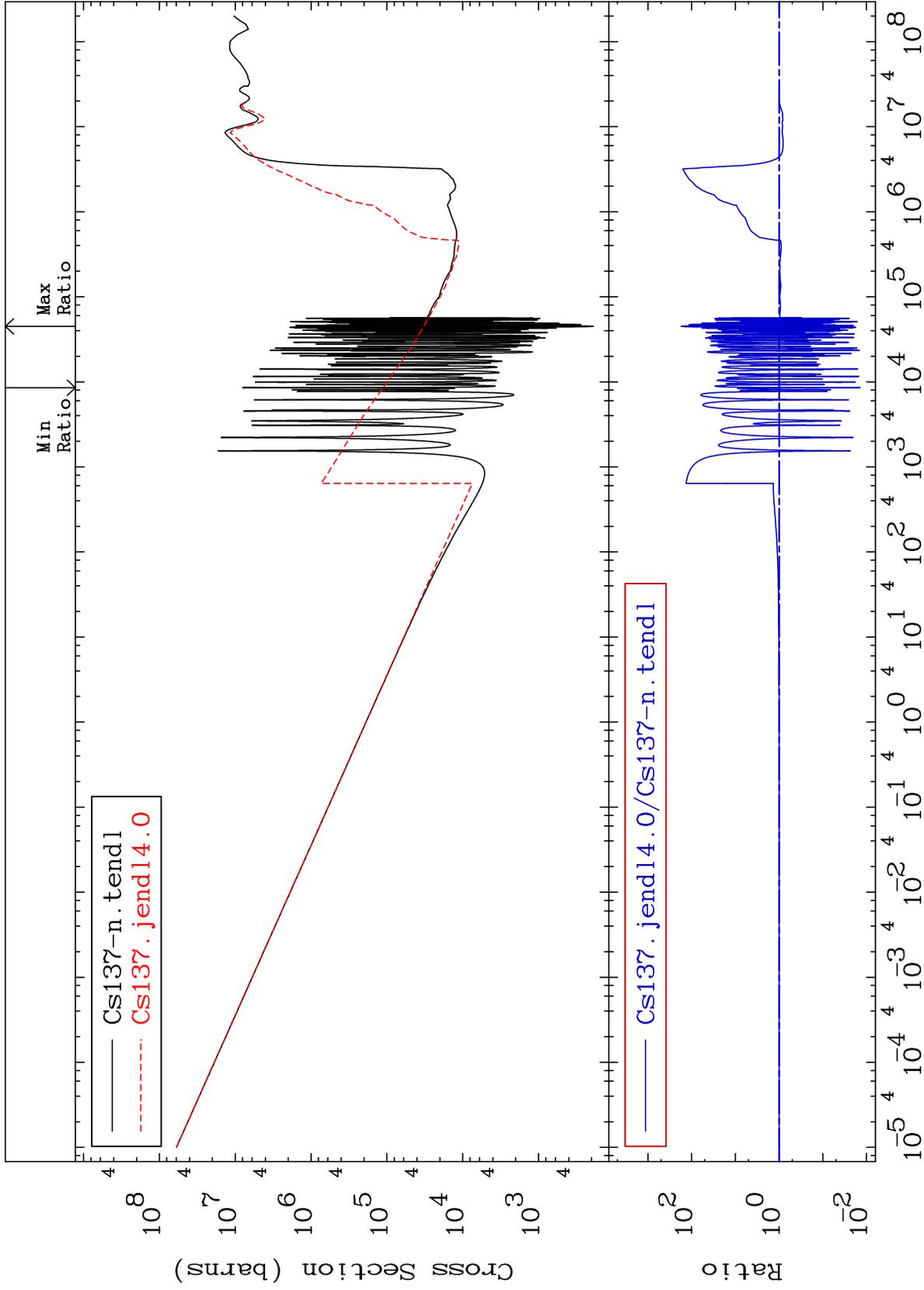
55-Cs-137

MAT 5537

Total photon (eV-barns)
Cross Section

55-Cs-137

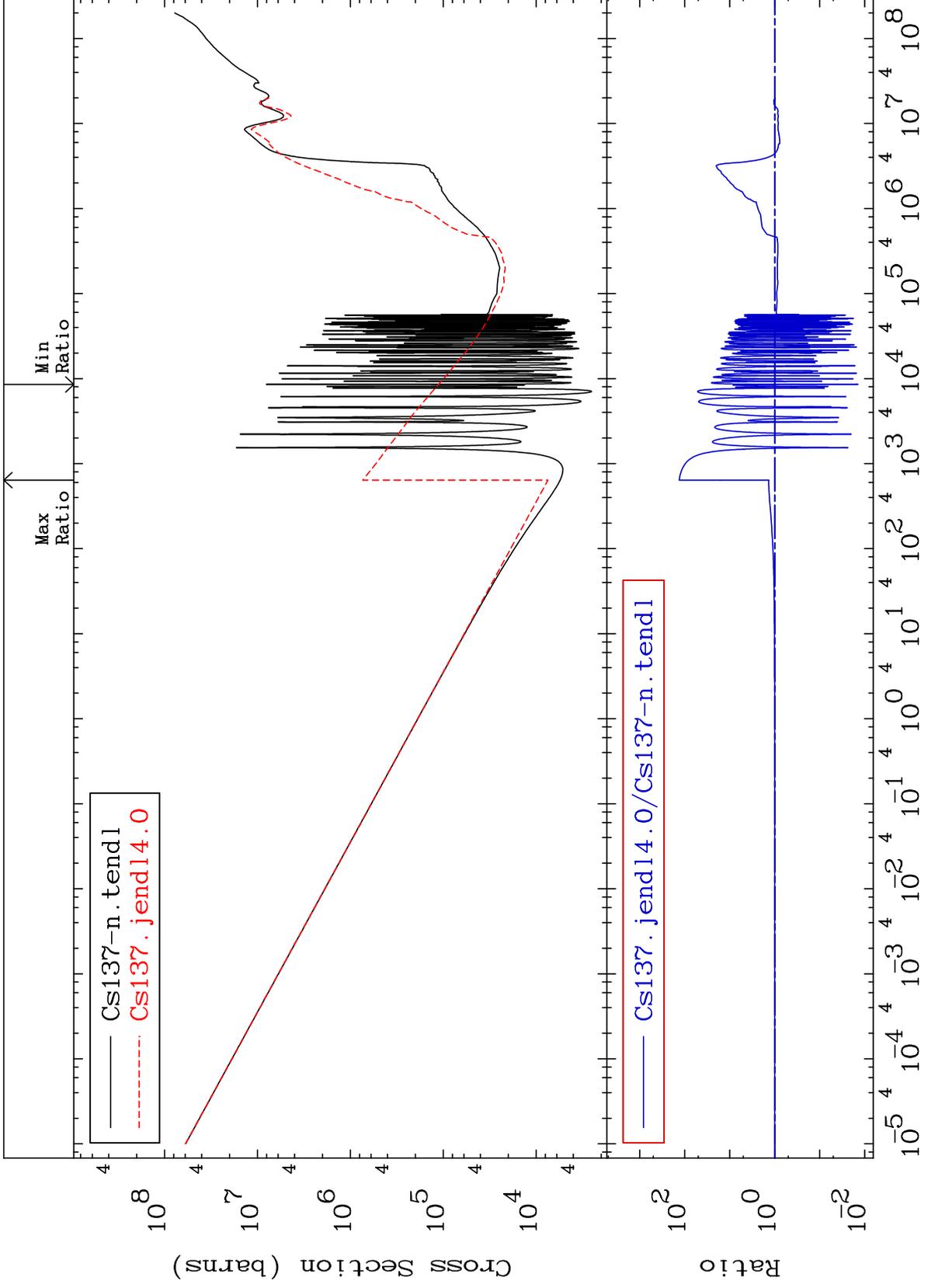
-98.61 To 9999. %



53

Incident Energy (eV)

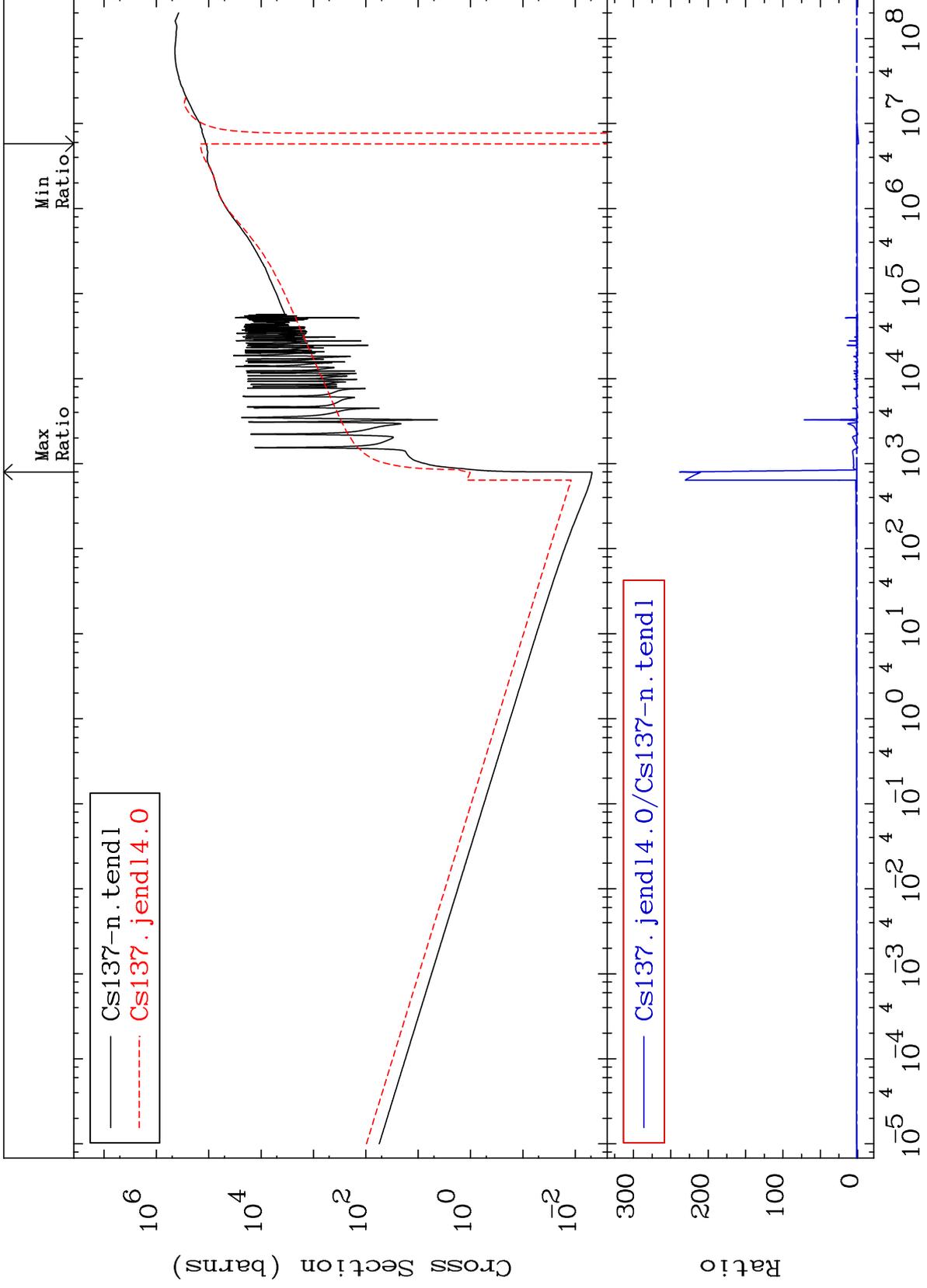
55-Cs-137



MAT 5537

Dpa total (eV-barns)
Cross Section

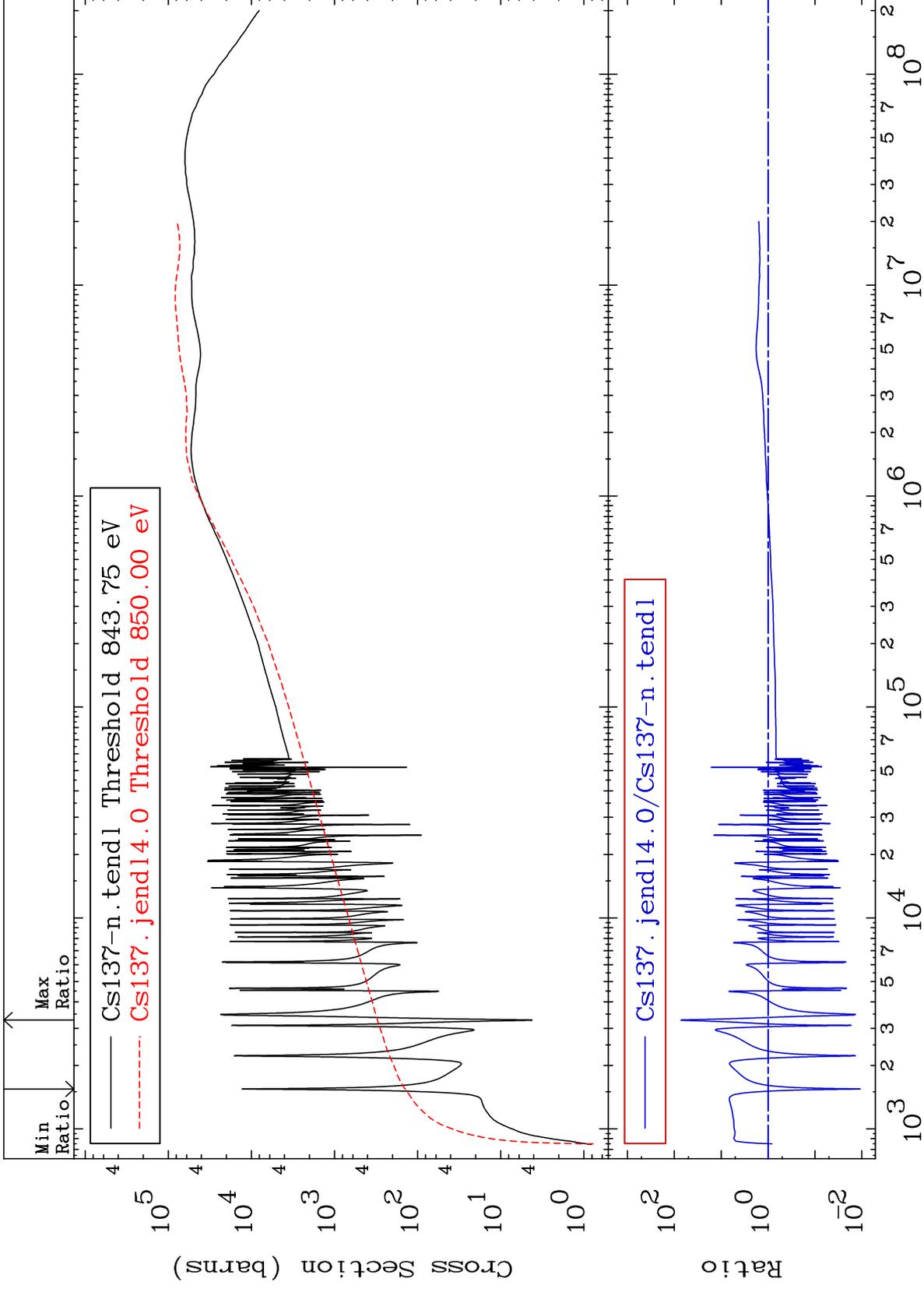
55-Cs-137
-217.5 To 9999. %



55

Incident Energy (eV)

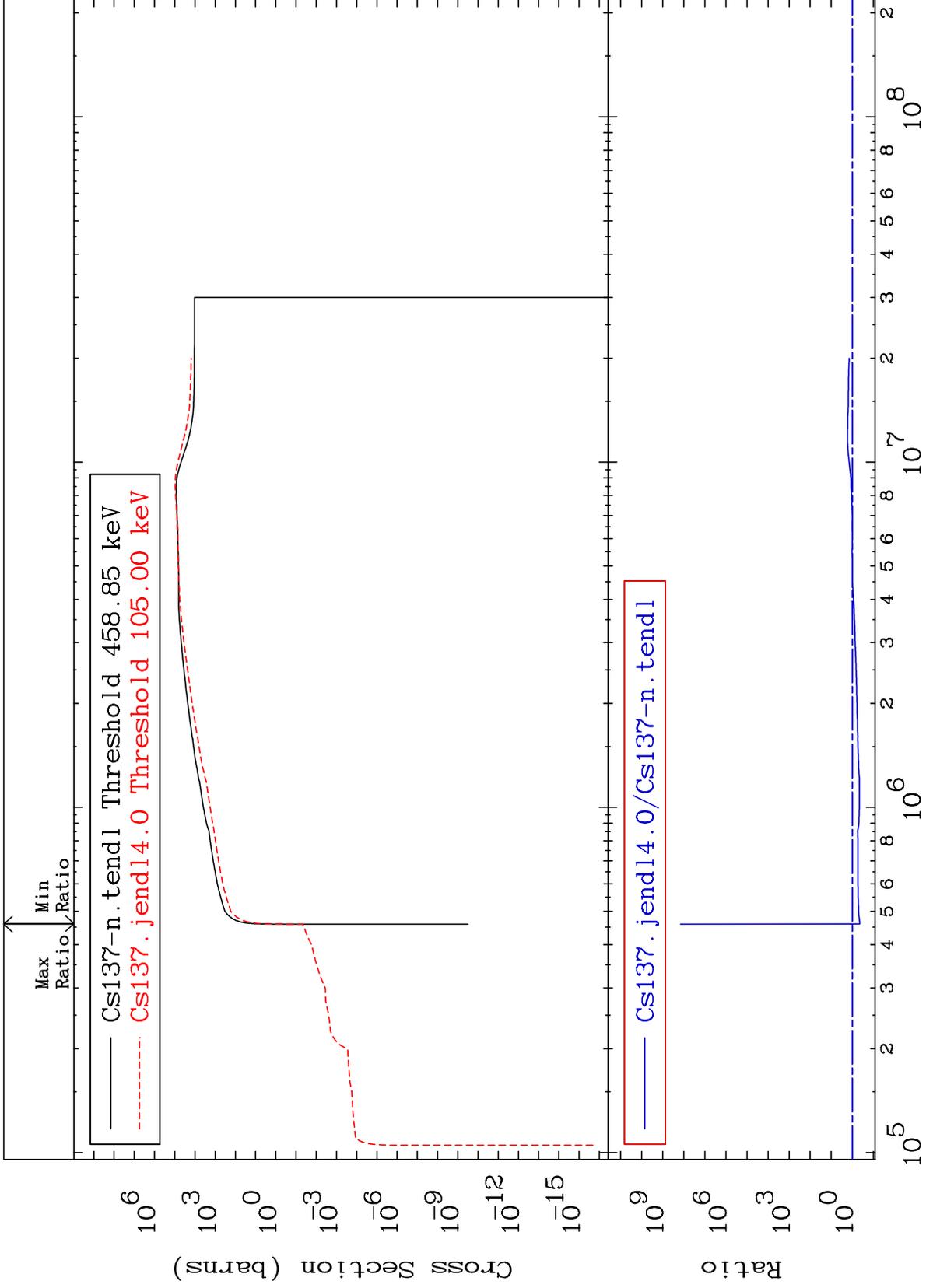
55-Cs-137



MAT 5537

Dpa inelastic (mt51-91)
Cross Section

55-Cs-137
-55.71 To 9999. %



57

Incident Energy (eV)

55-Cs-137

