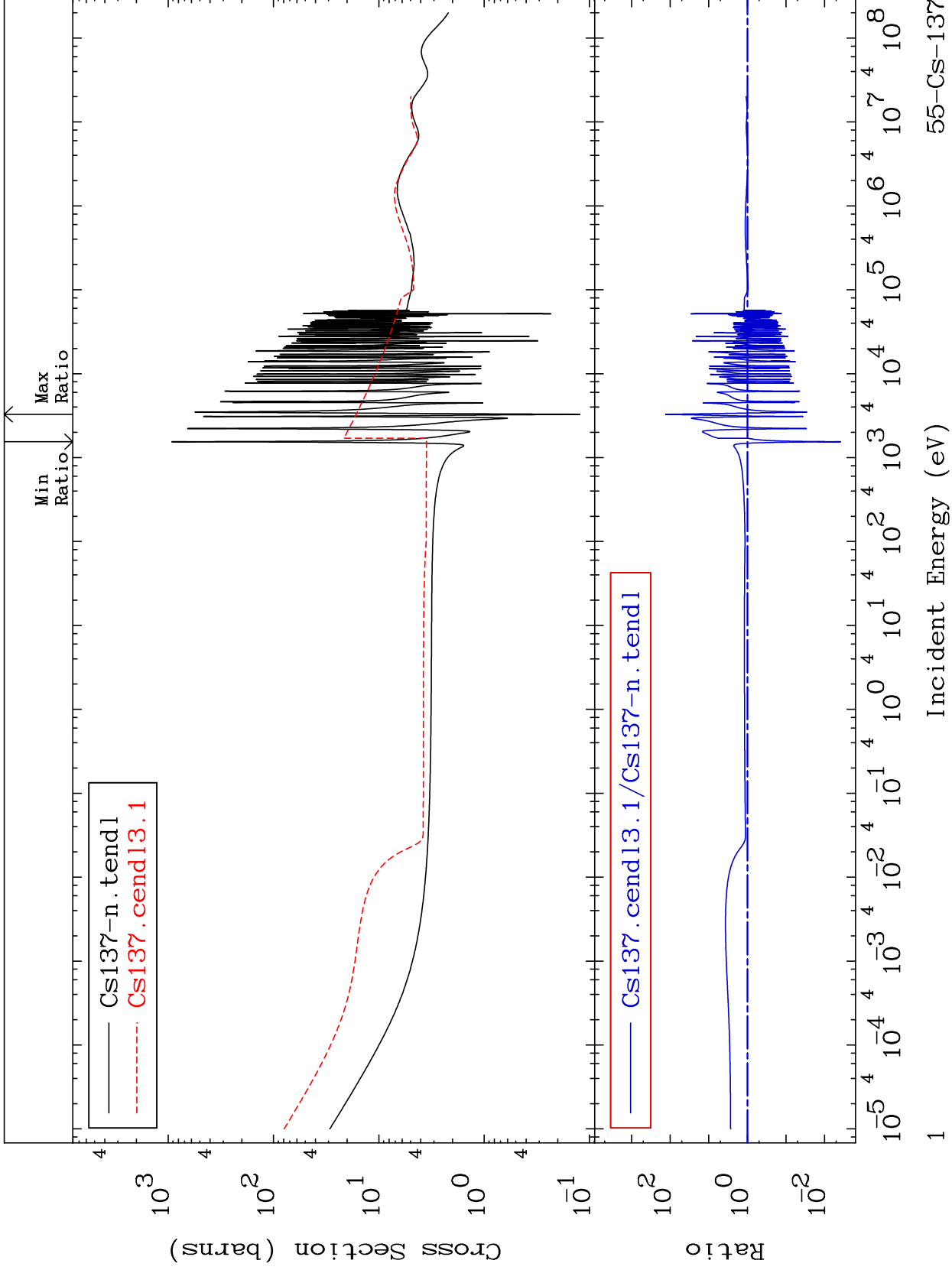


MAT 5537

Total
Cross Section

55-Cs-137
-99.62 To 9999. %

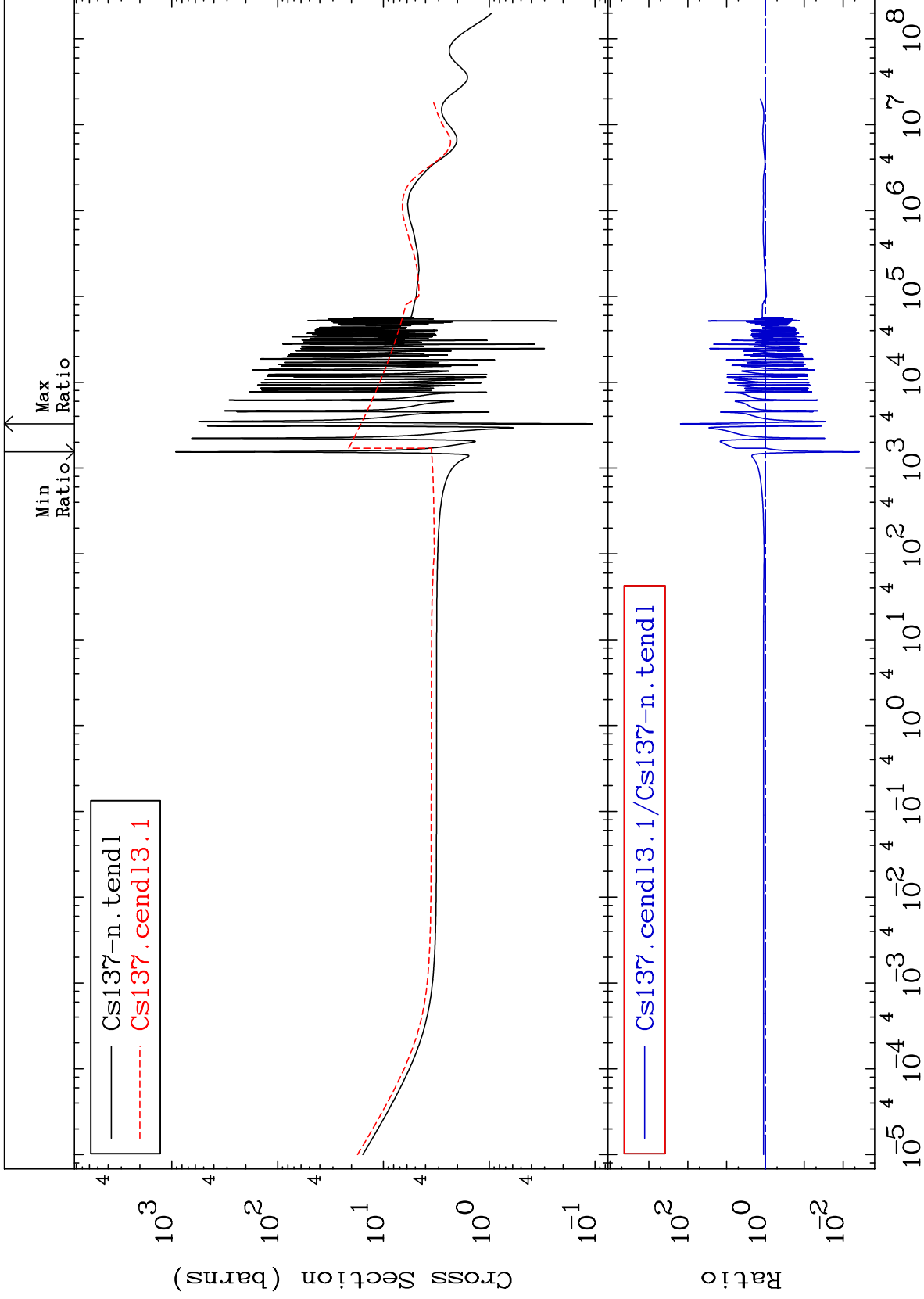


55-Cs-137

MAT 5537

Elastic
Cross Section

55-Cs-137
-99.62 To 9999. %



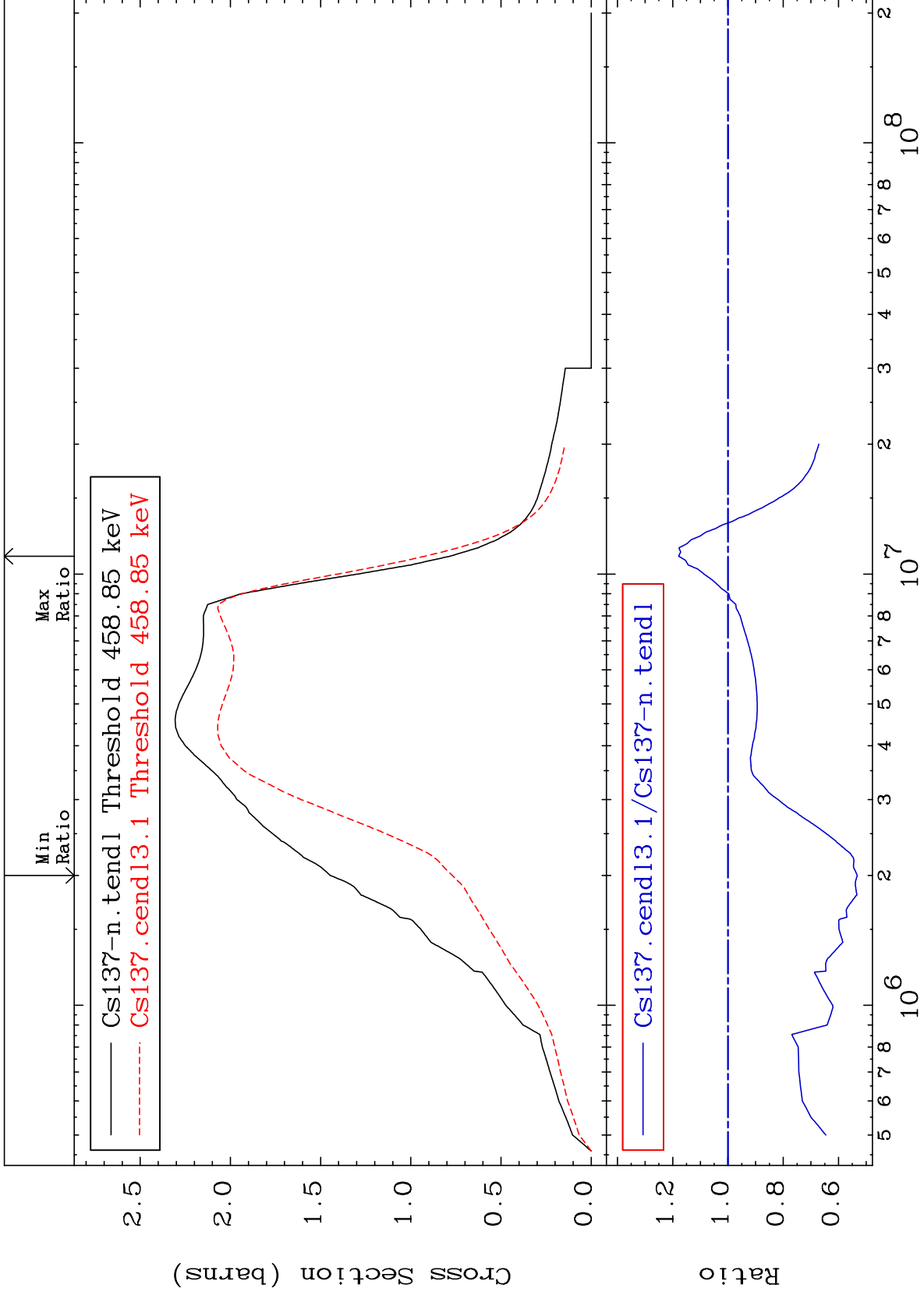
Incident Energy (eV)

55-Cs-137

MAT 5537

Inelastic
Cross Section

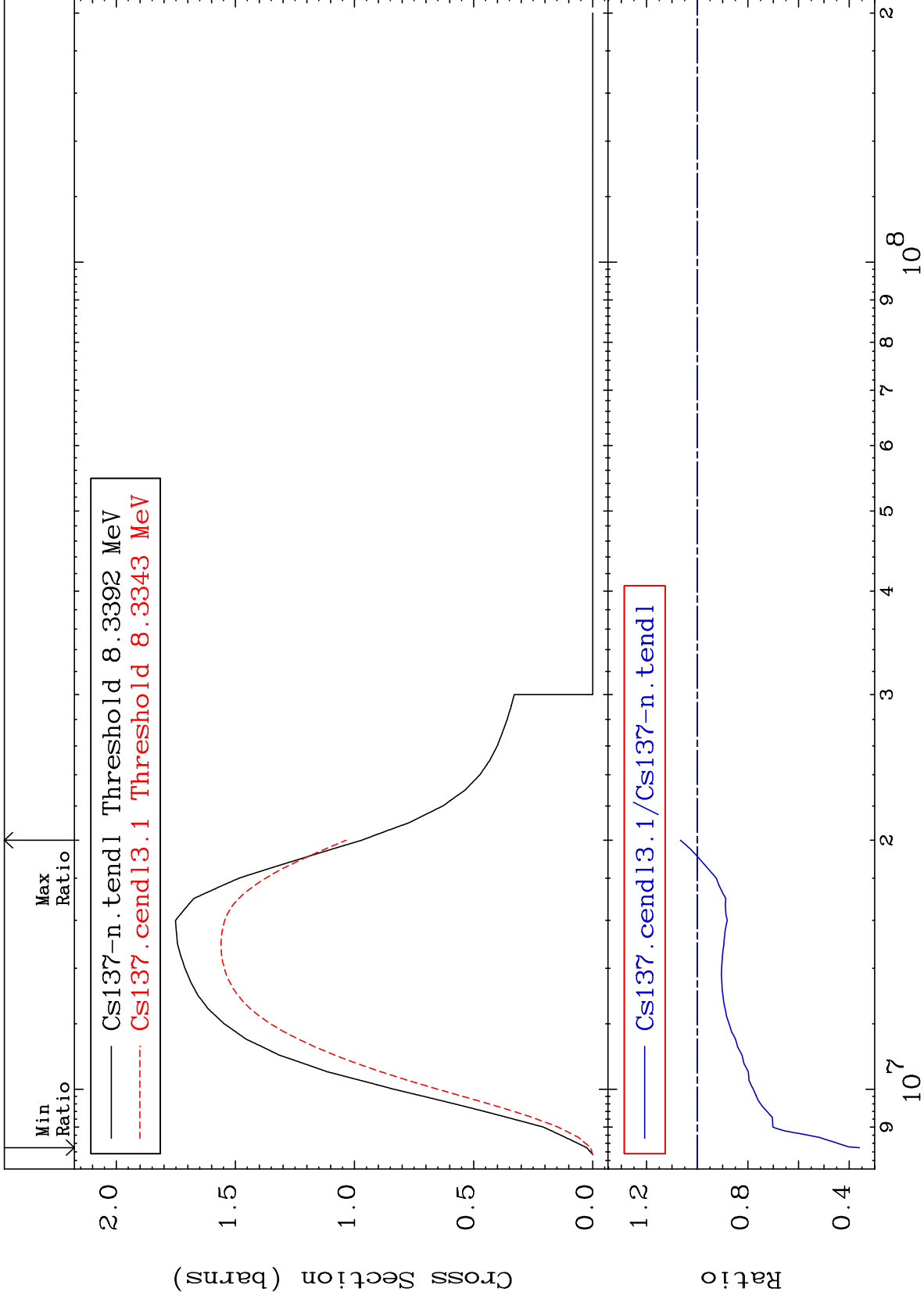
55-Cs-137
-46.77 To 17.86 %



MAT 5537

(n,2n)
Cross Section

55-Cs-137
-64.01 To 6.679 %



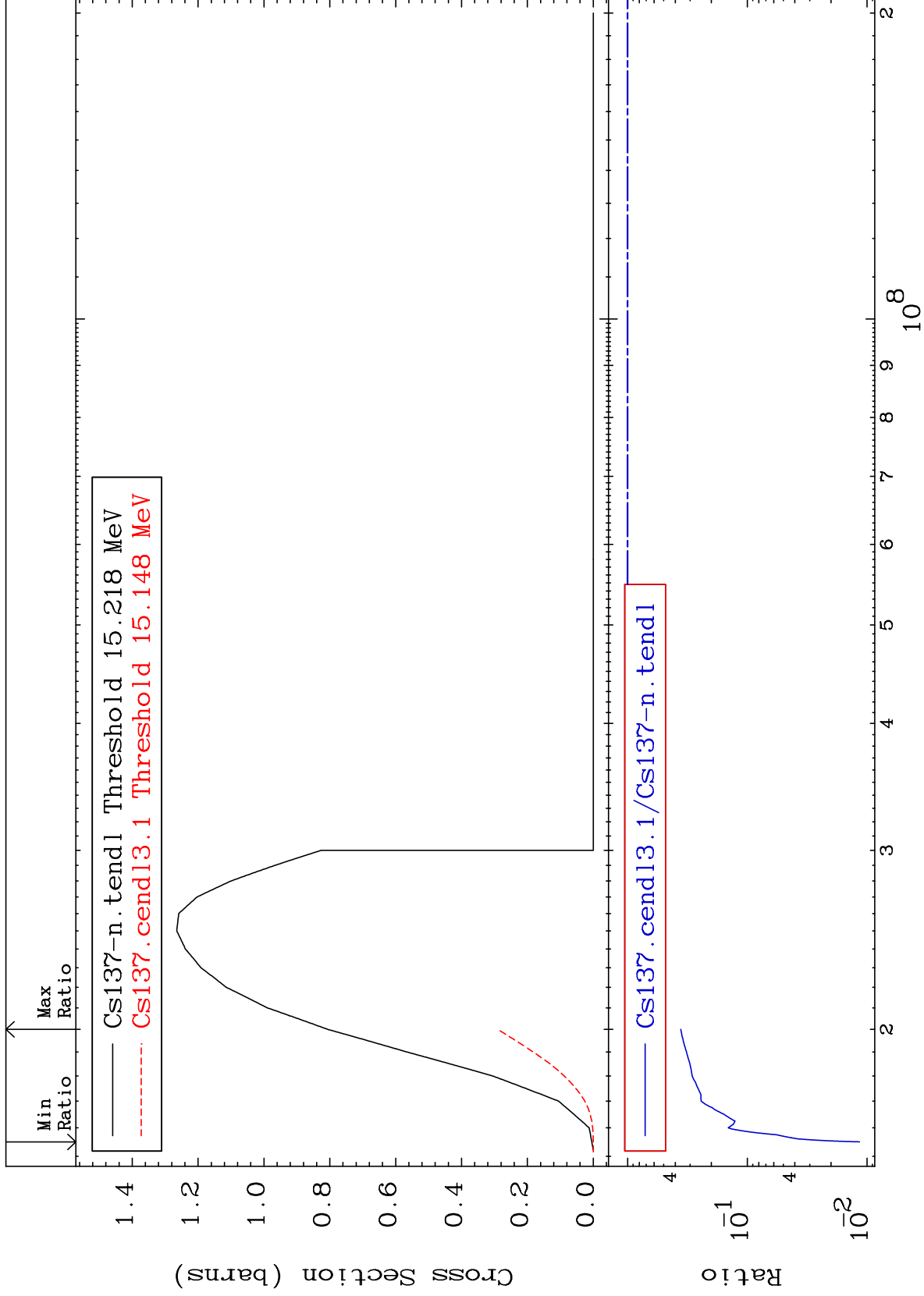
4

Incident Energy (eV)

55-Cs-137

Cross Section

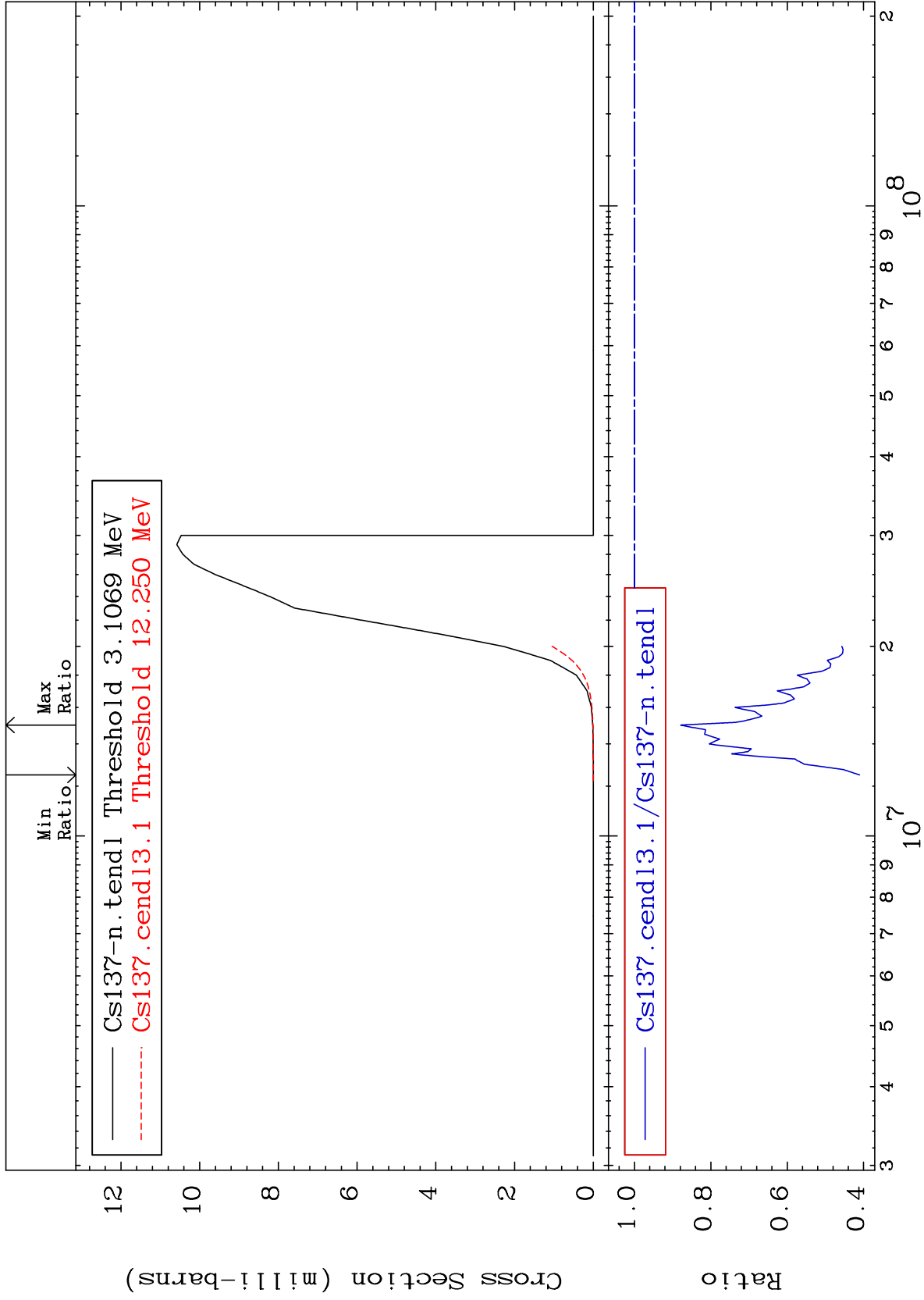
-98.85 To -64.04%



MAT 5537

(n,n') α
Cross Section

55-Cs-137
-58.94 To -12.13%



6

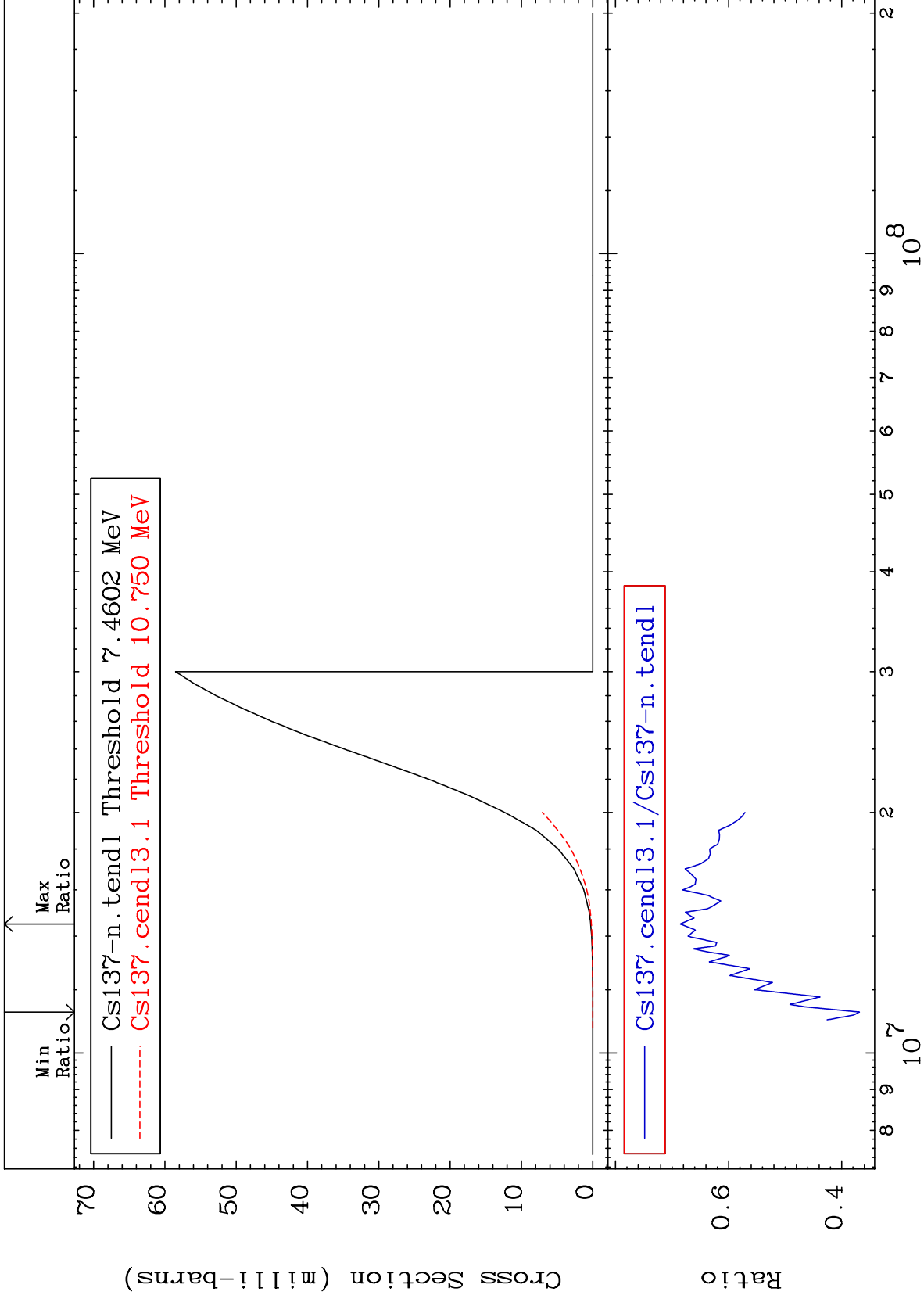
Incident Energy (eV)

55-Cs-137

MAT 5537

(n,n') p
Cross Section

55-Cs-137
-63.13 To -31.46%



7

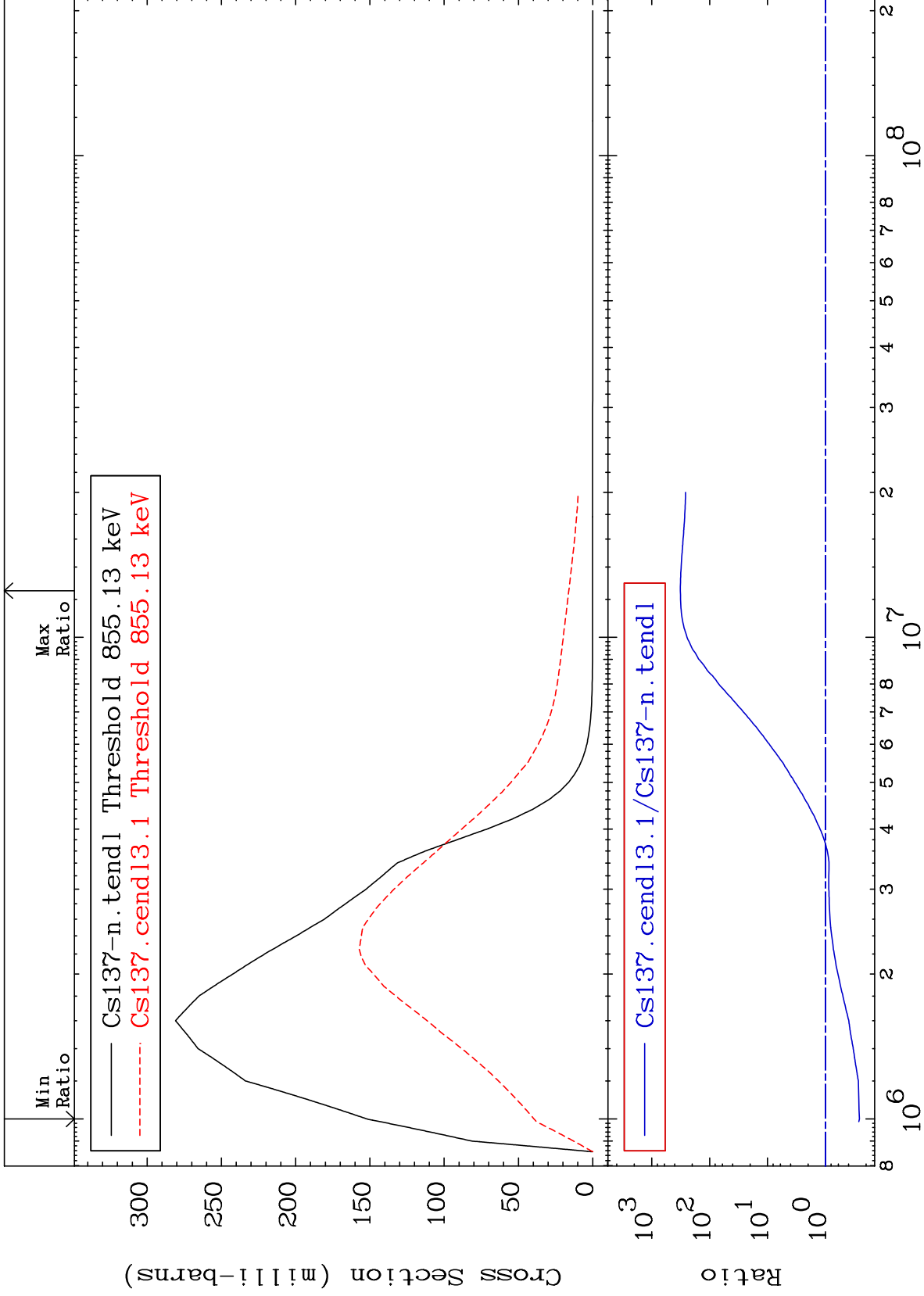
Incident Energy (eV)

55-Cs-137

MAT 5537

848.9 keV (n,n') Level
Cross Section

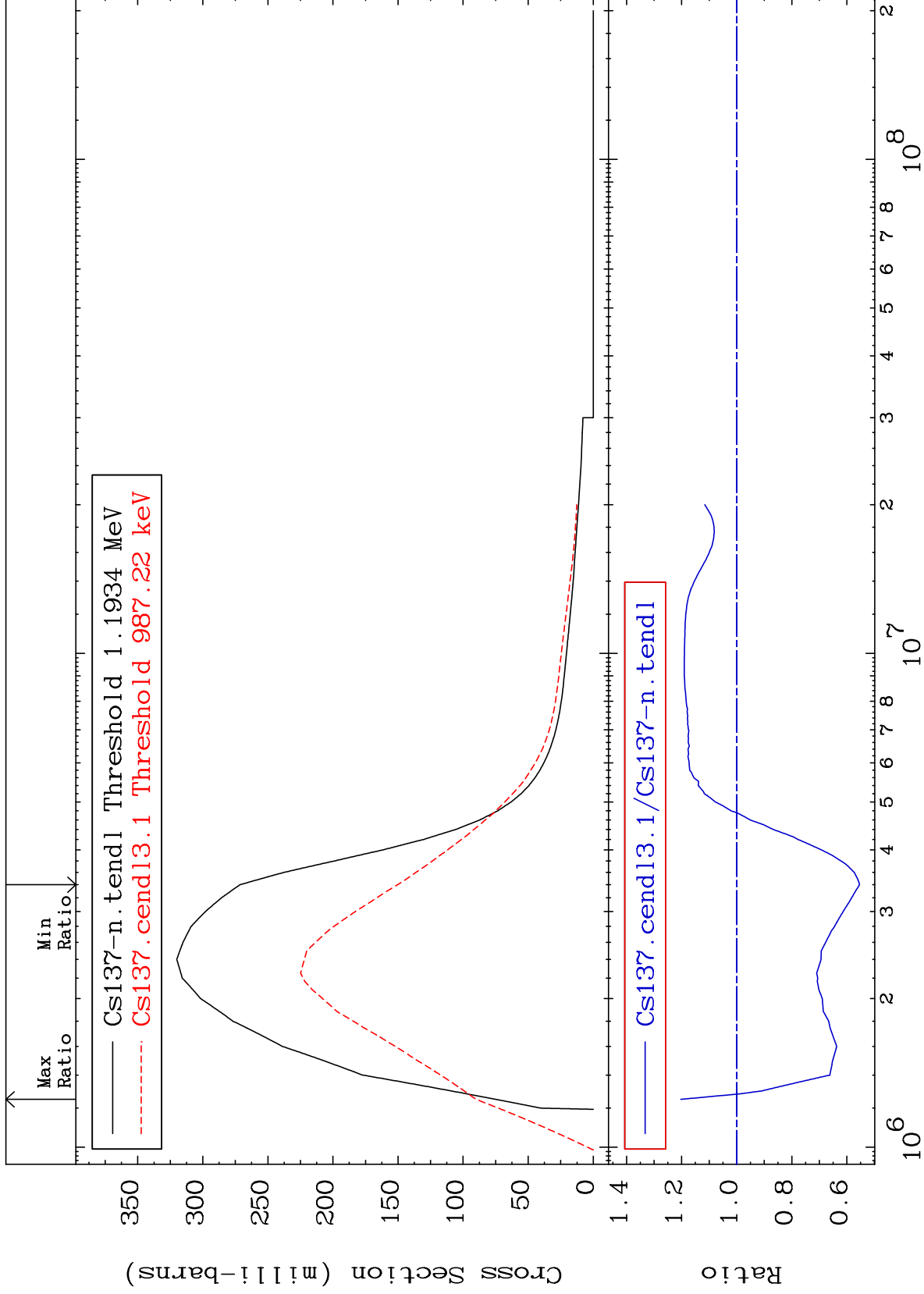
55-Cs-137
-74.03 To 9999. %



MAT 5537

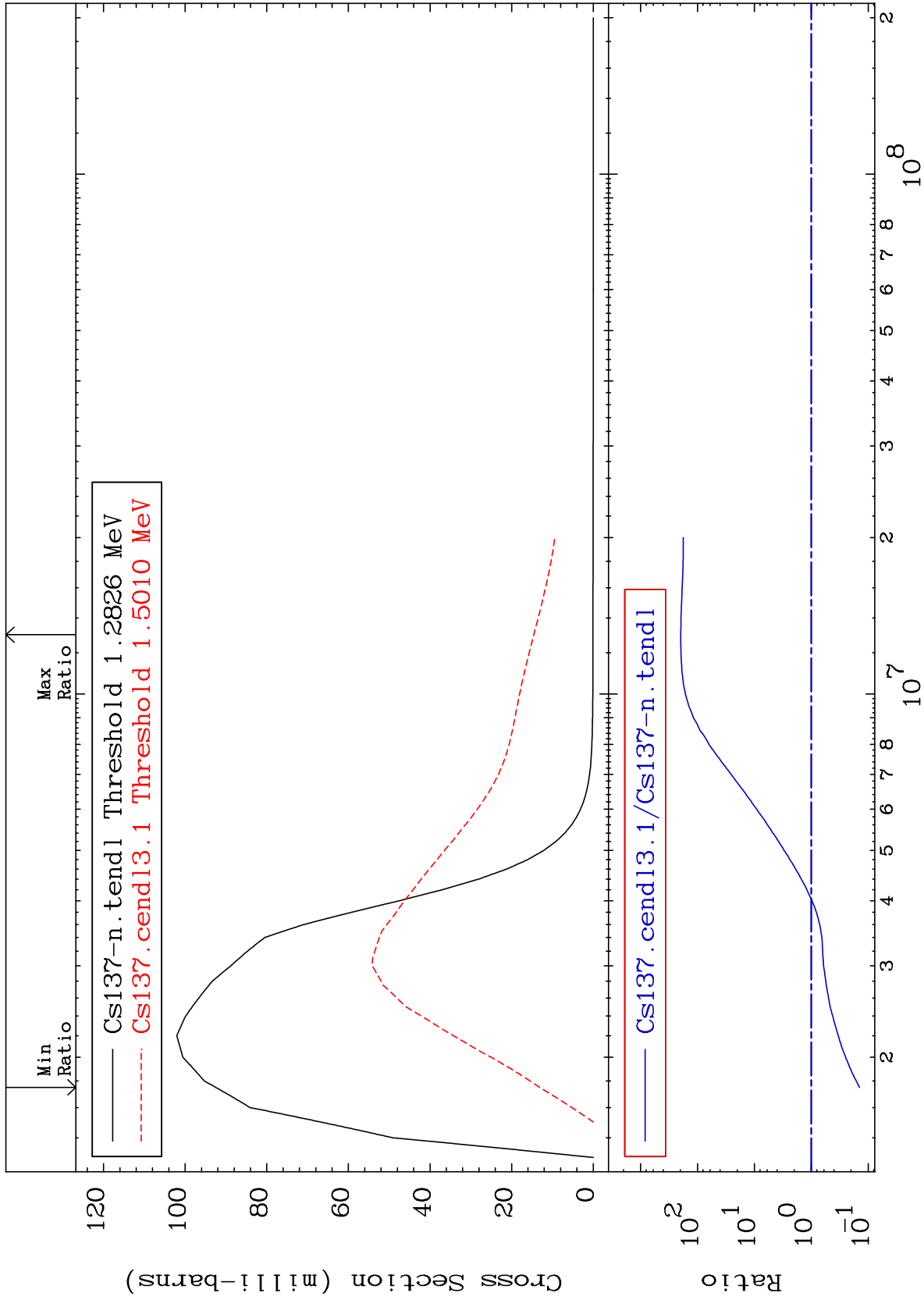
1.185 MeV (n,n') Level
Cross Section

55-Cs-137
-44.60 To 20.31 %



Incident Energy (eV)

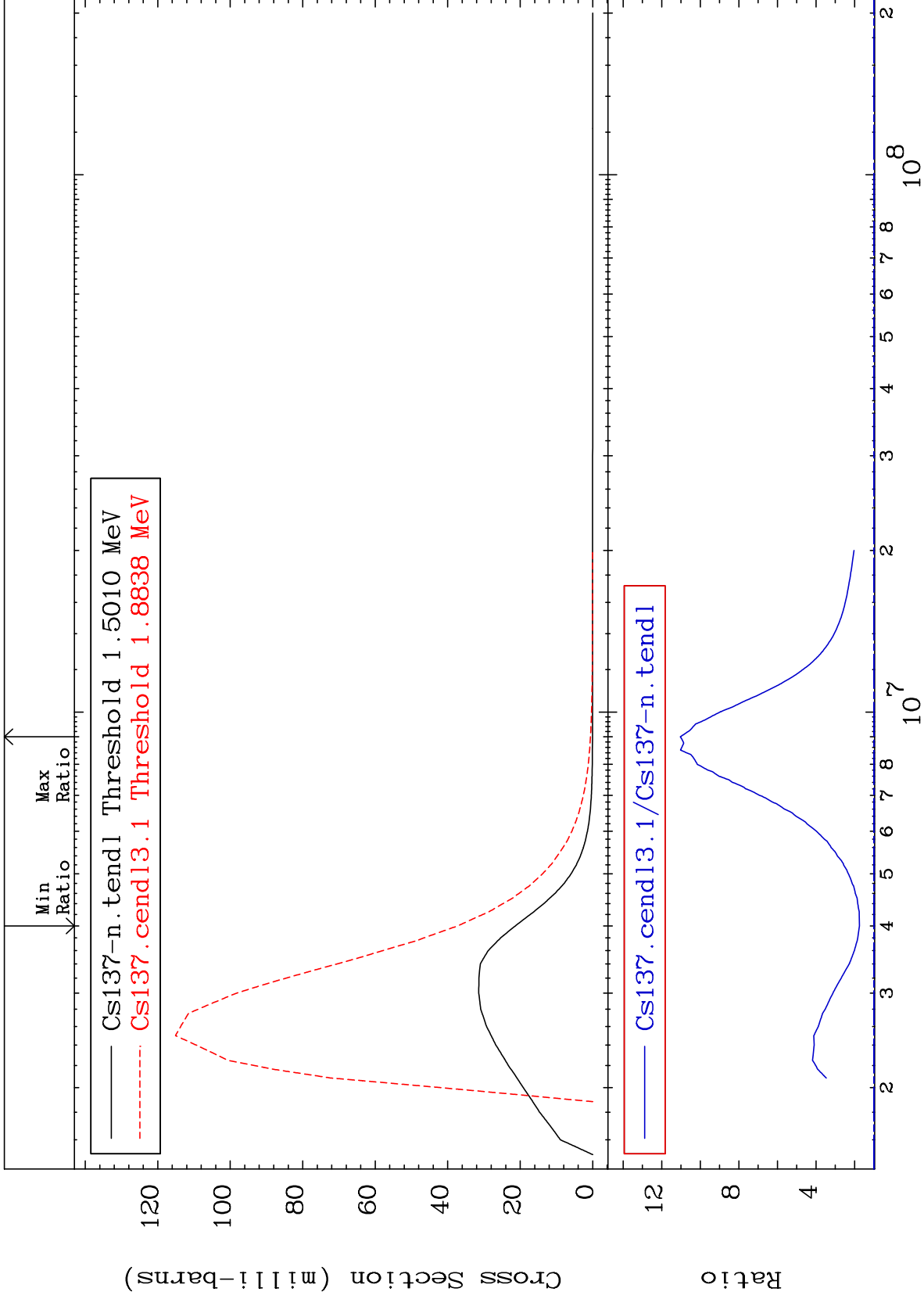
55-Cs-137



MAT 5537

1.490 MeV (n,n') Level
Cross Section

55-Cs-137
74.58 To 1003. %



12

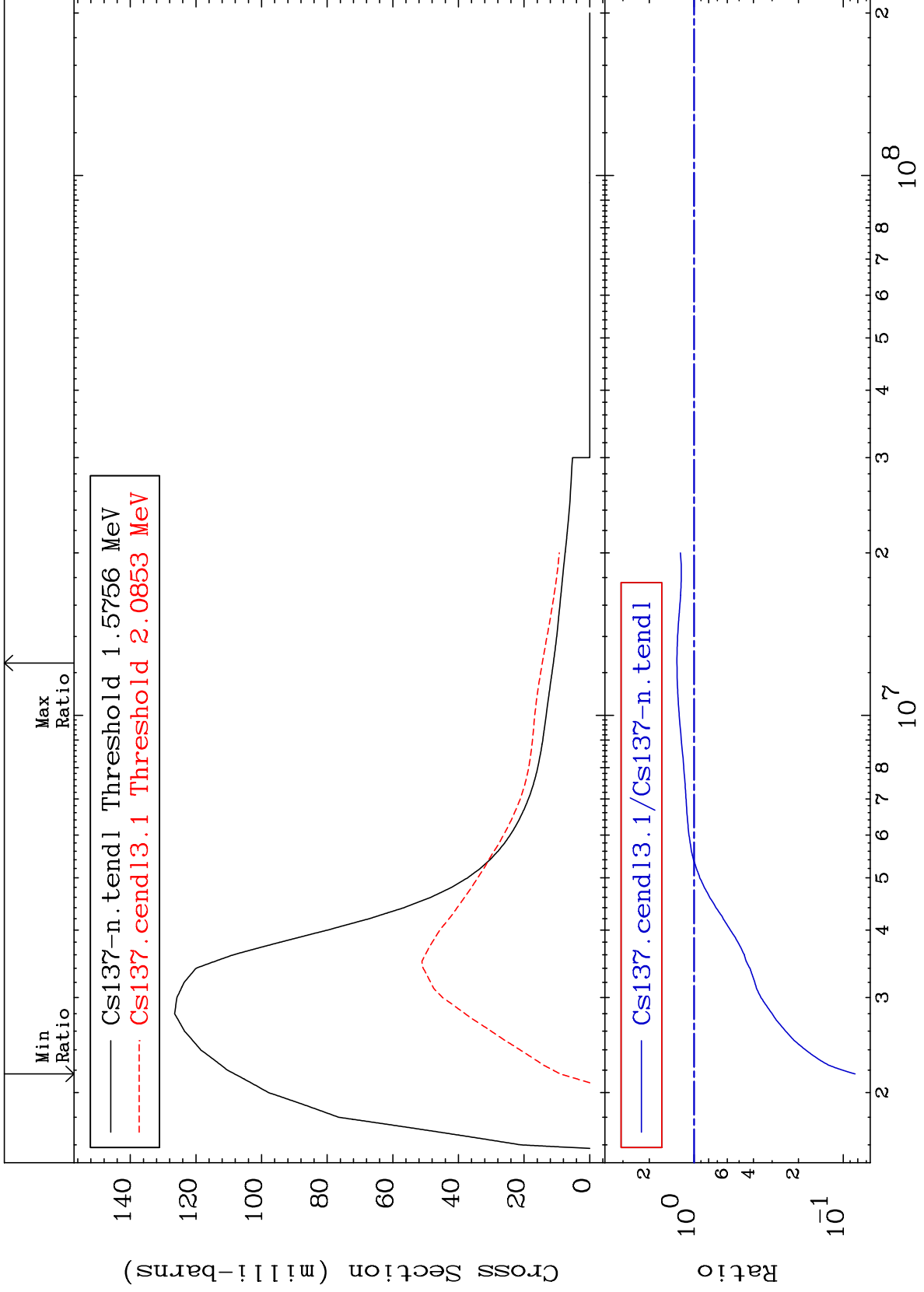
Incident Energy (eV)

55-Cs-137

MAT 5537

1.564 MeV (n,n') Level
Cross Section

55-Cs-137
-91.67 To 30.53 %



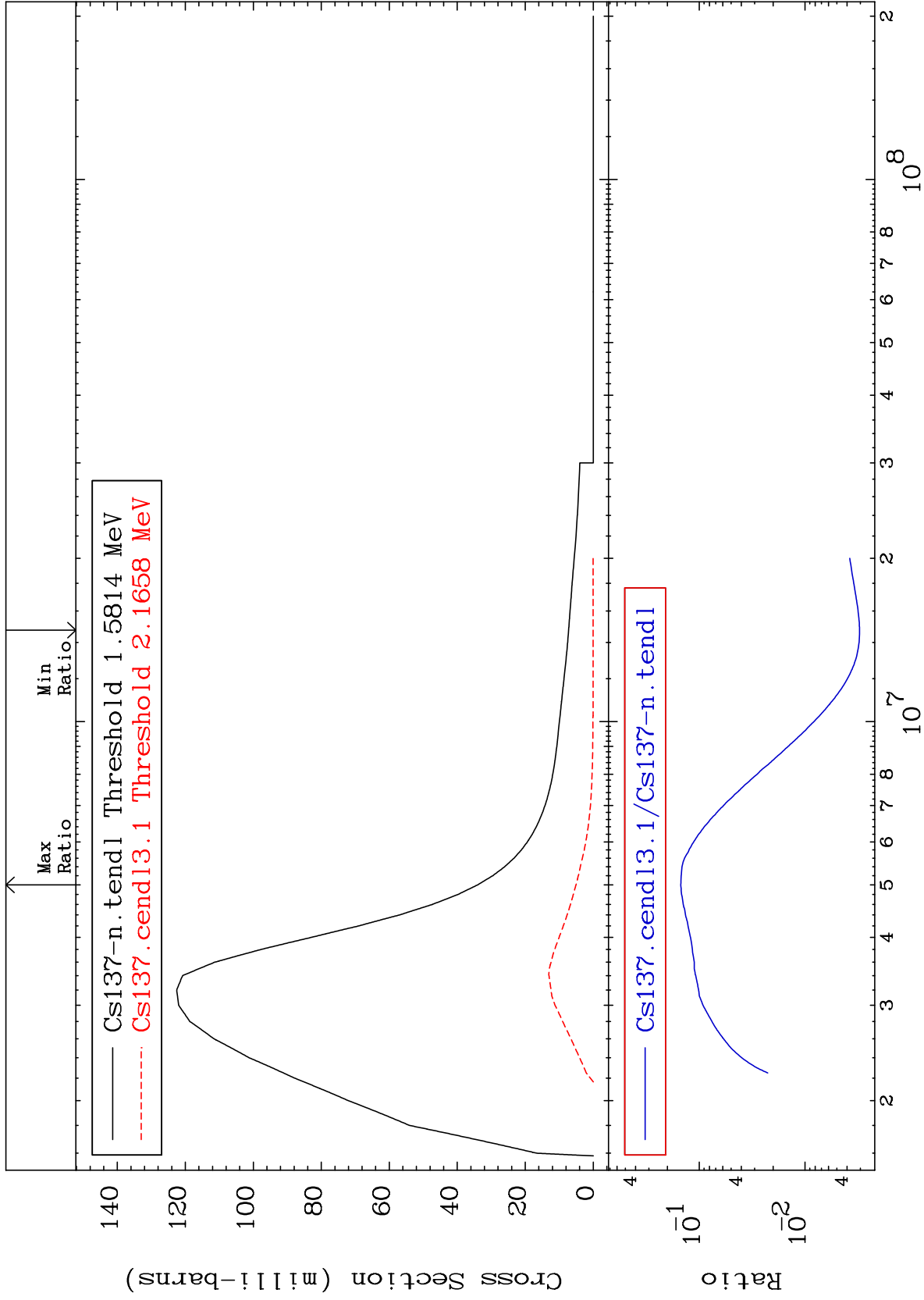
MAT 5537

1.570 MeV (n,n') Level

55-Cs-137

-99.70 To -85.04%

Cross Section



14

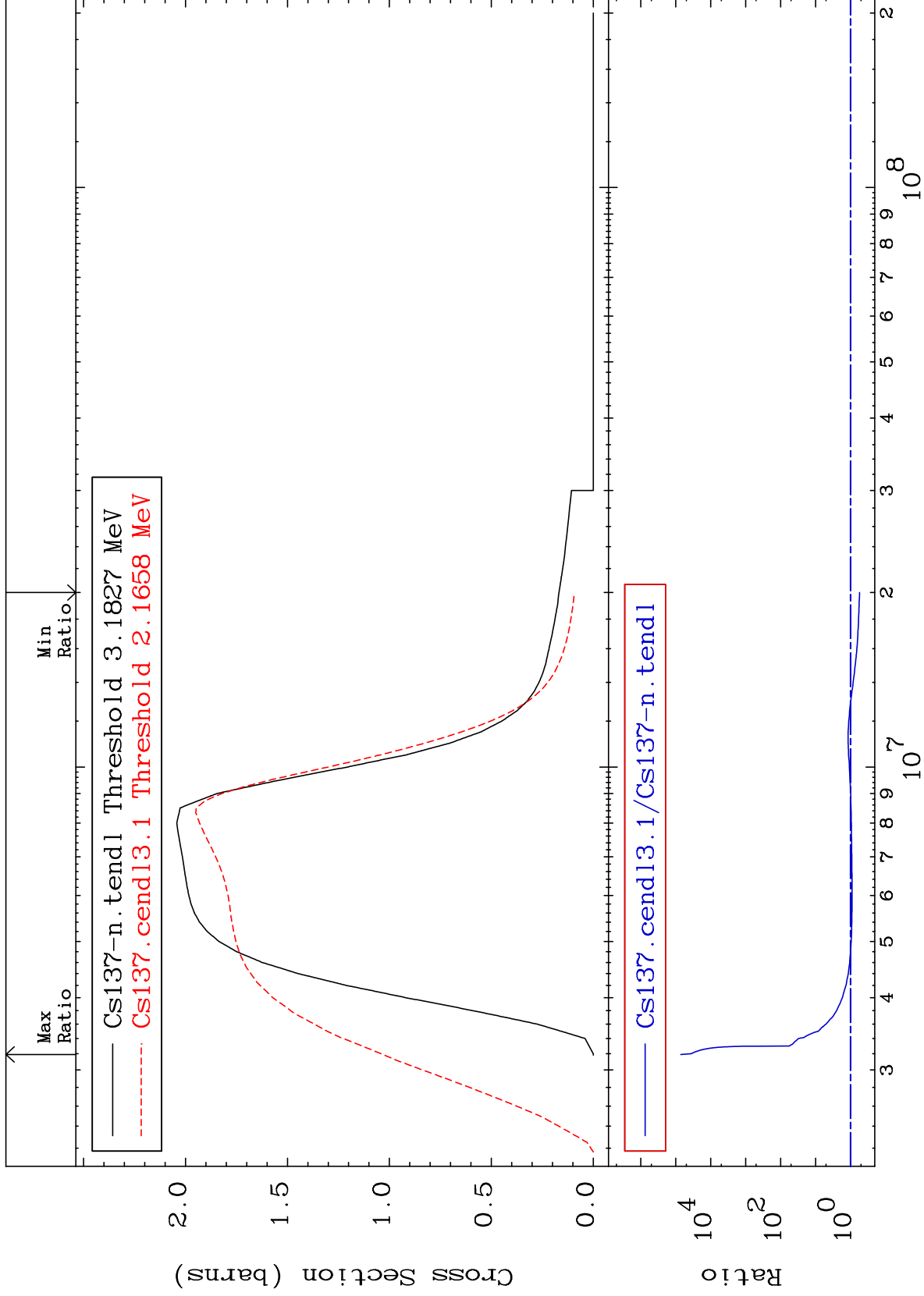
Incident Energy (eV)

55-Cs-137

MAT 5537

(n, n') Continuum
Cross Section

55-Cs-137
-44.95 To 9999. %



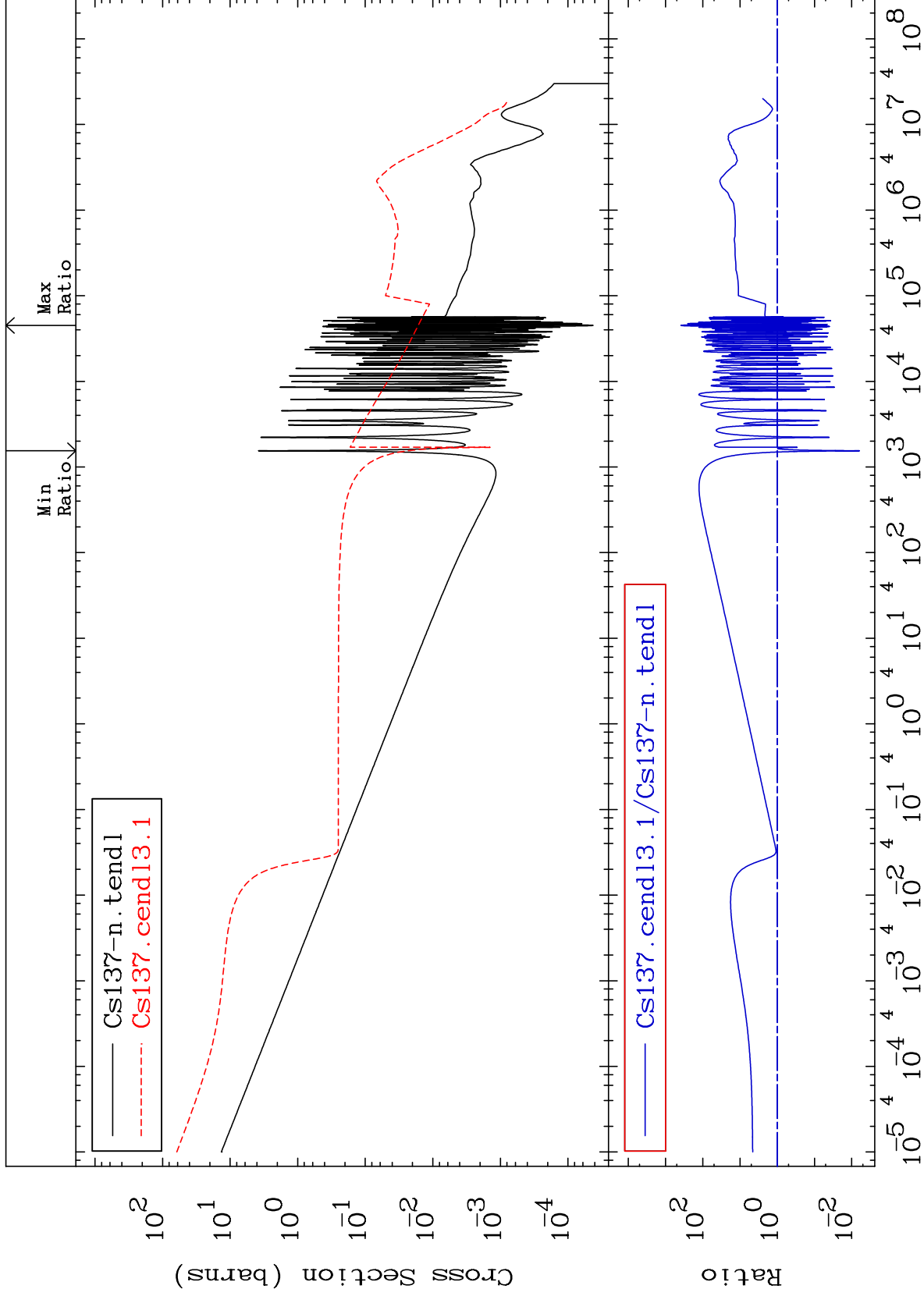
MAT 5537

(n, γ)

55-Cs-137

Cross Section

-99.38 To 9999. %



16

Incident Energy (eV)

55-Cs-137

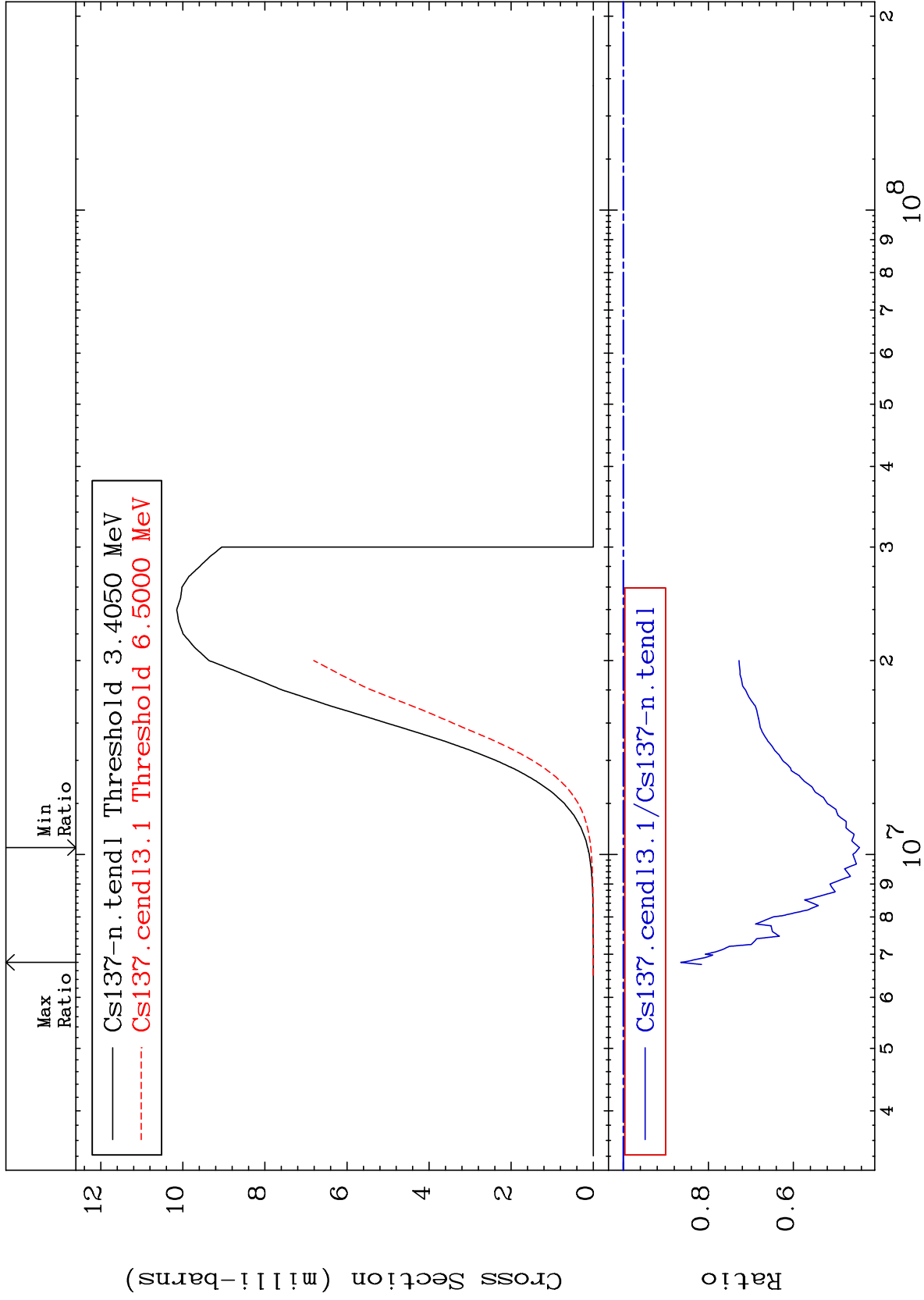
MAT 5537

(n,p)

55-Cs-137

Cross Section

-55.58 To -13.52%



17

Incident Energy (eV)

55-Cs-137

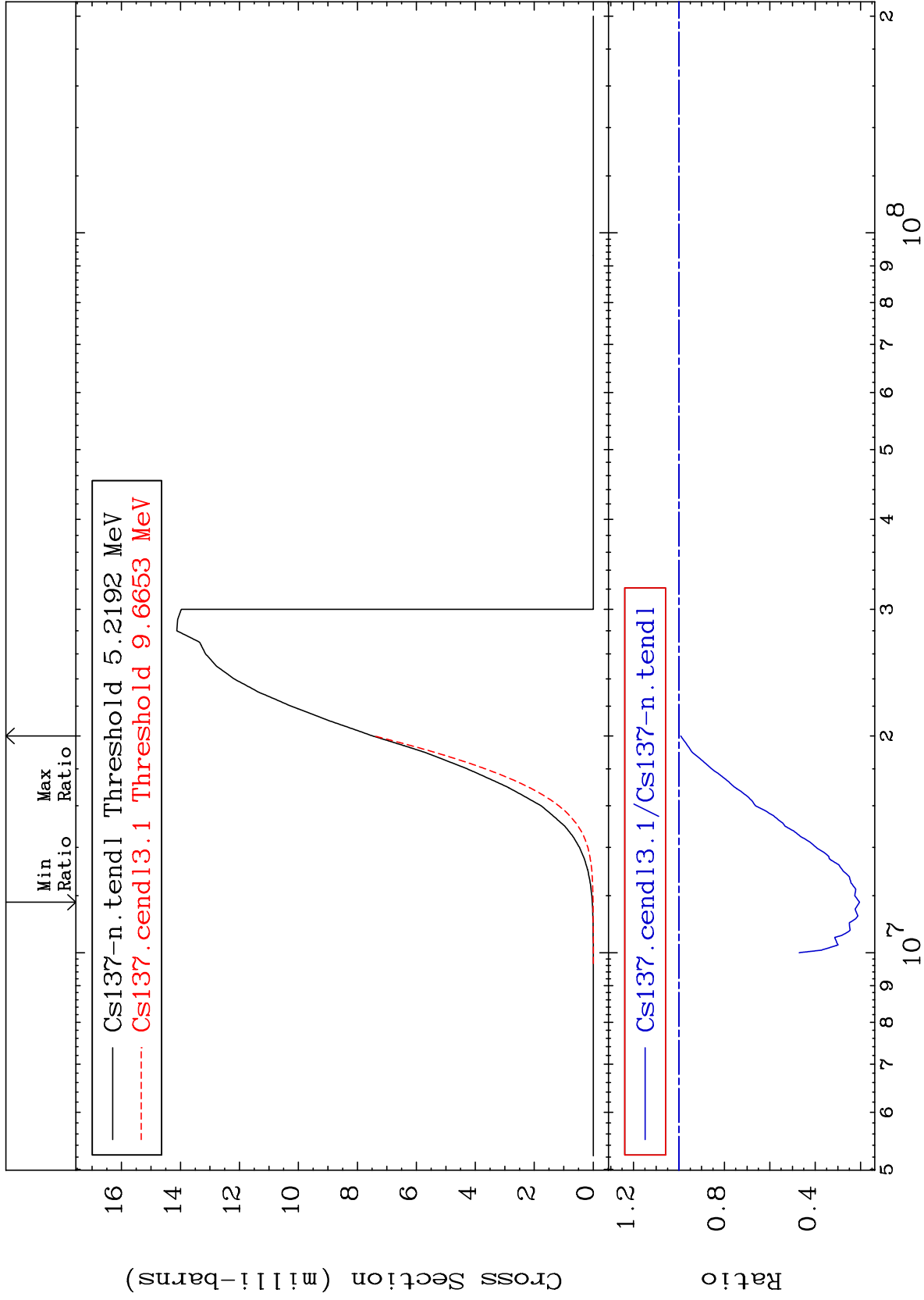
MAT 5537

(n, d)

55-Cs-137

Cross Section

-79.51 To -0.823%



18

Incident Energy (eV)

55-Cs-137

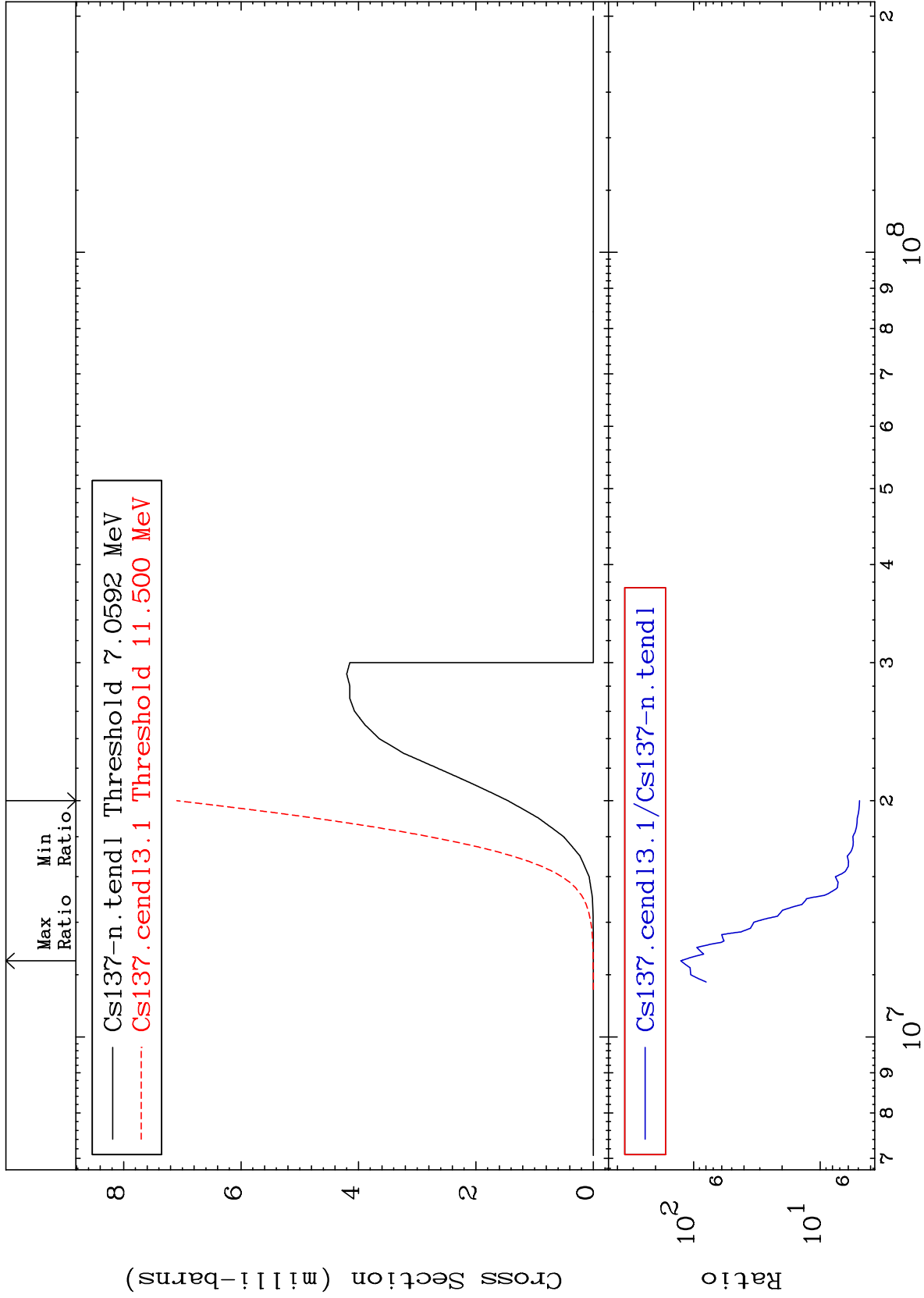
MAT 5537

(n, t)

55-Cs-137

Cross Section

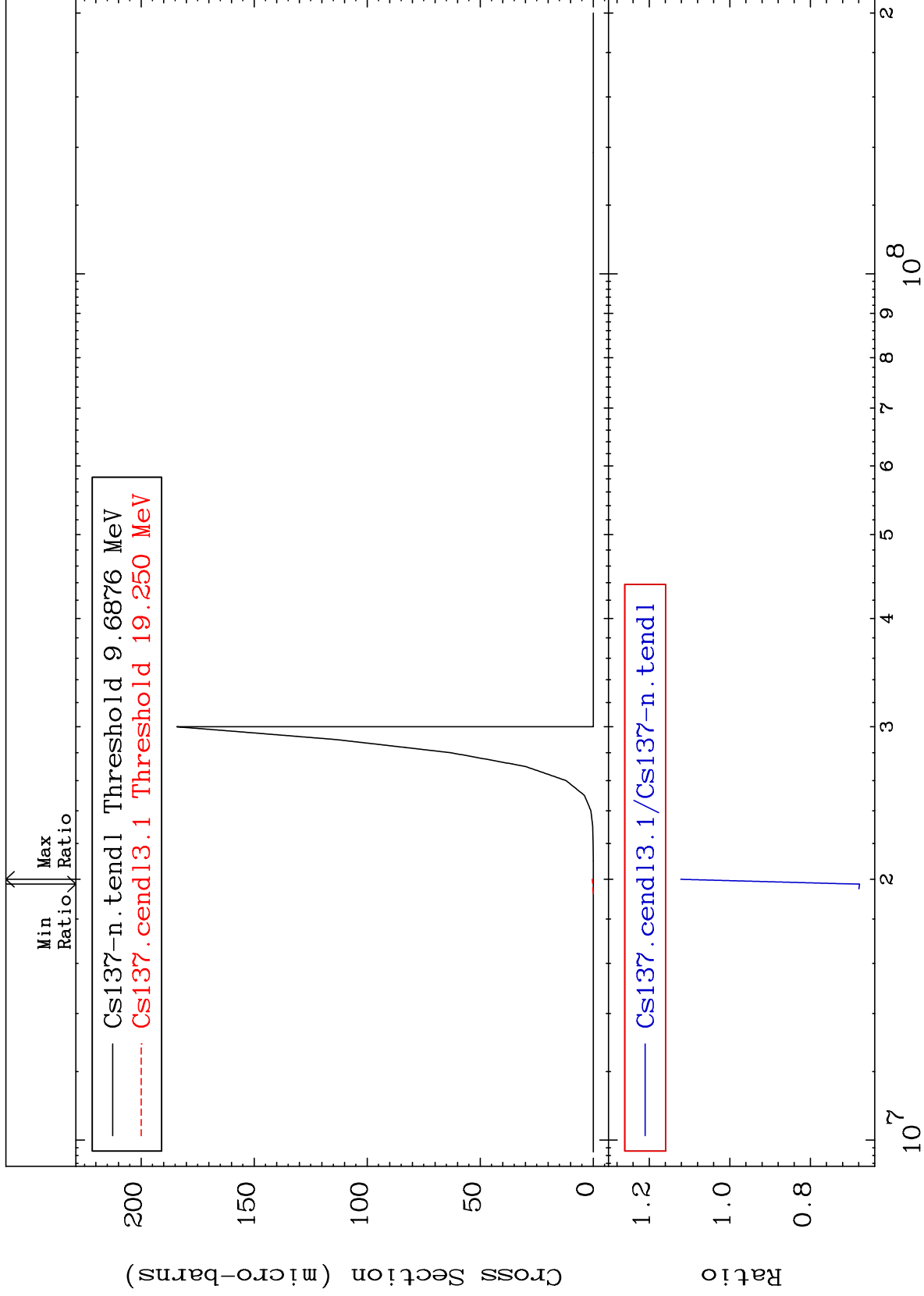
388.1 To 9999. %



MAT 5537

(n, He-3)
Cross Section

55-Cs-137
9999. To 9999. %



55-Cs-137

Incident Energy (eV)

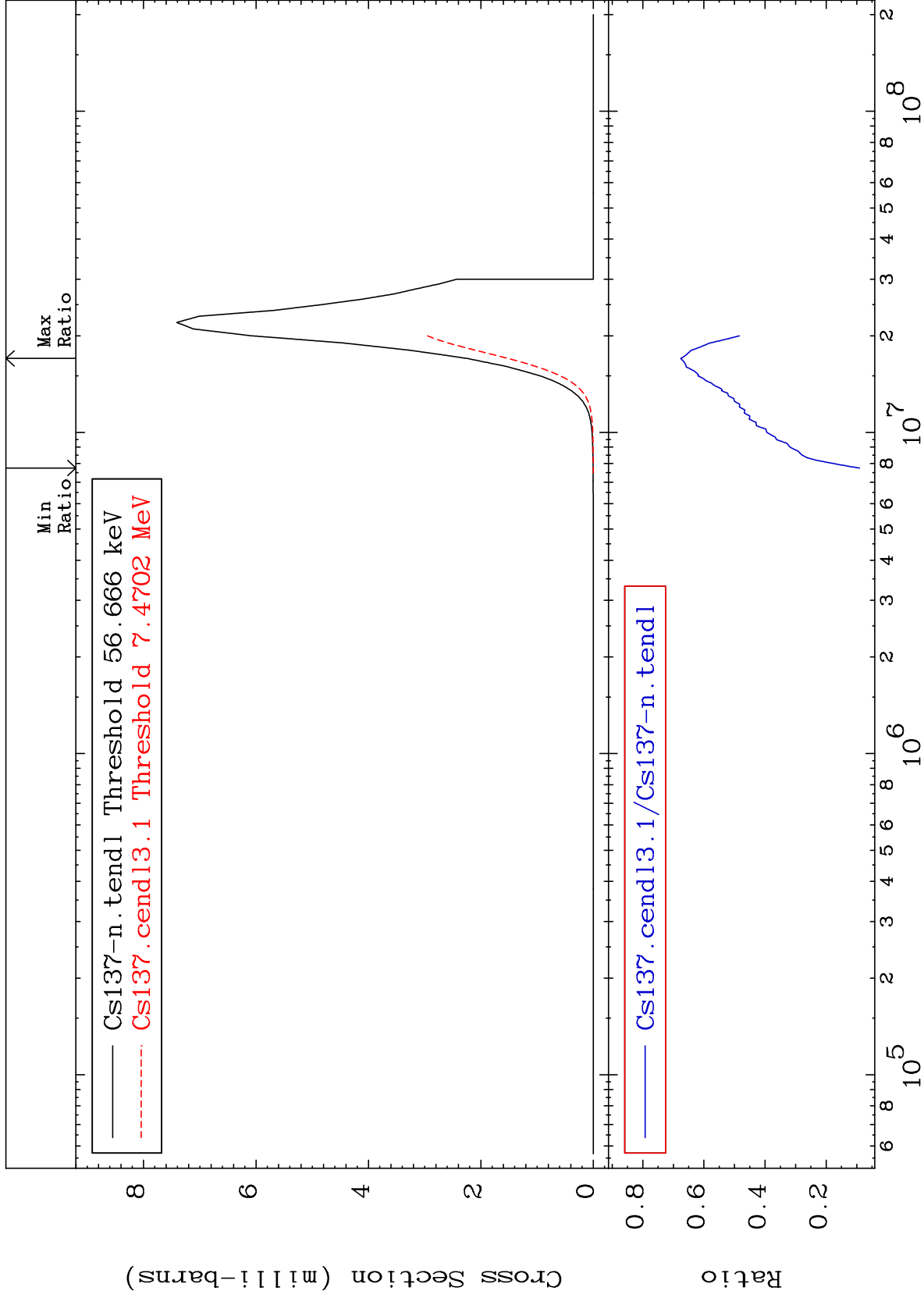
MAT 5537

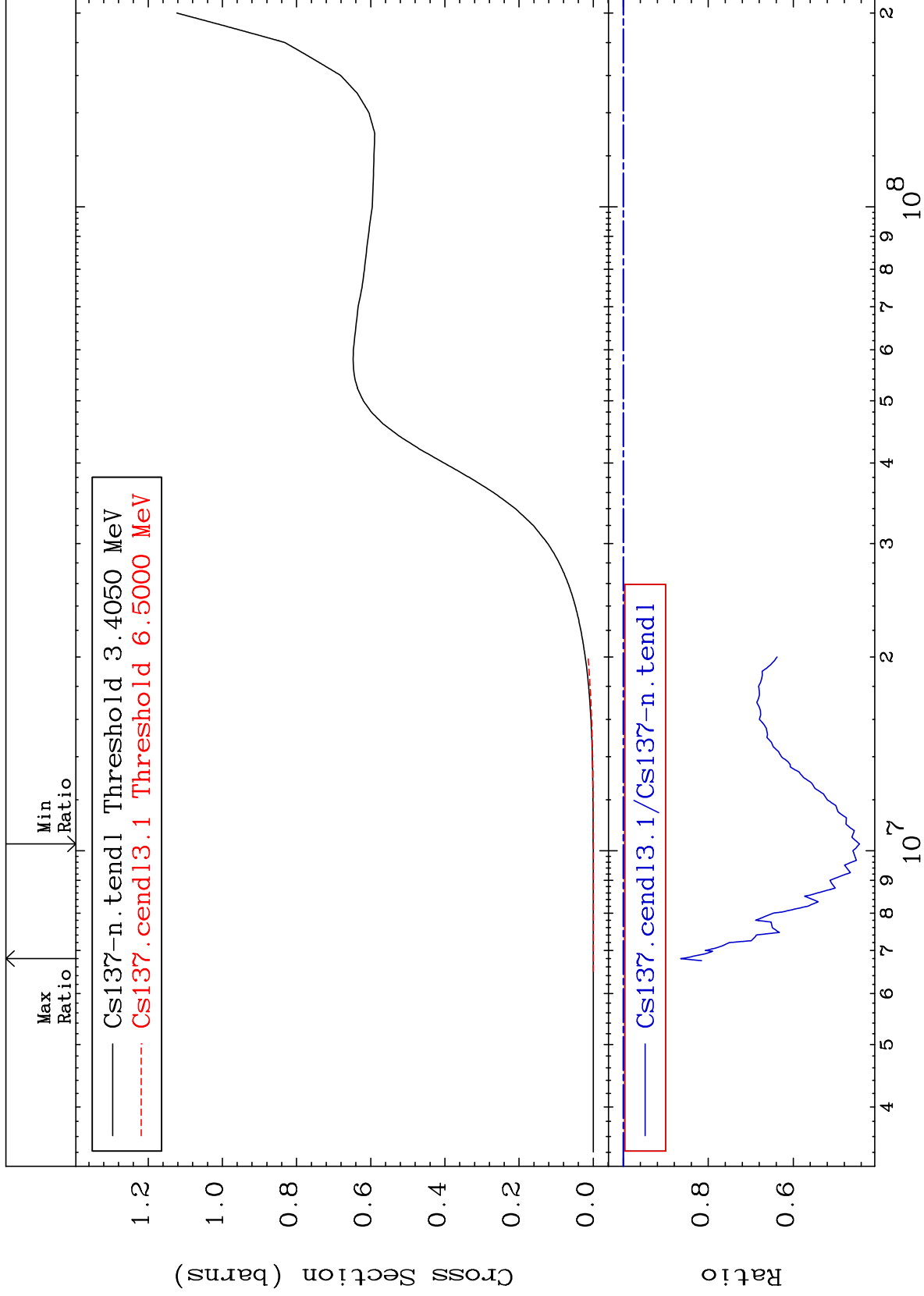
(n, α)

55-Cs-137

Cross Section

-90.91 To -32.43%

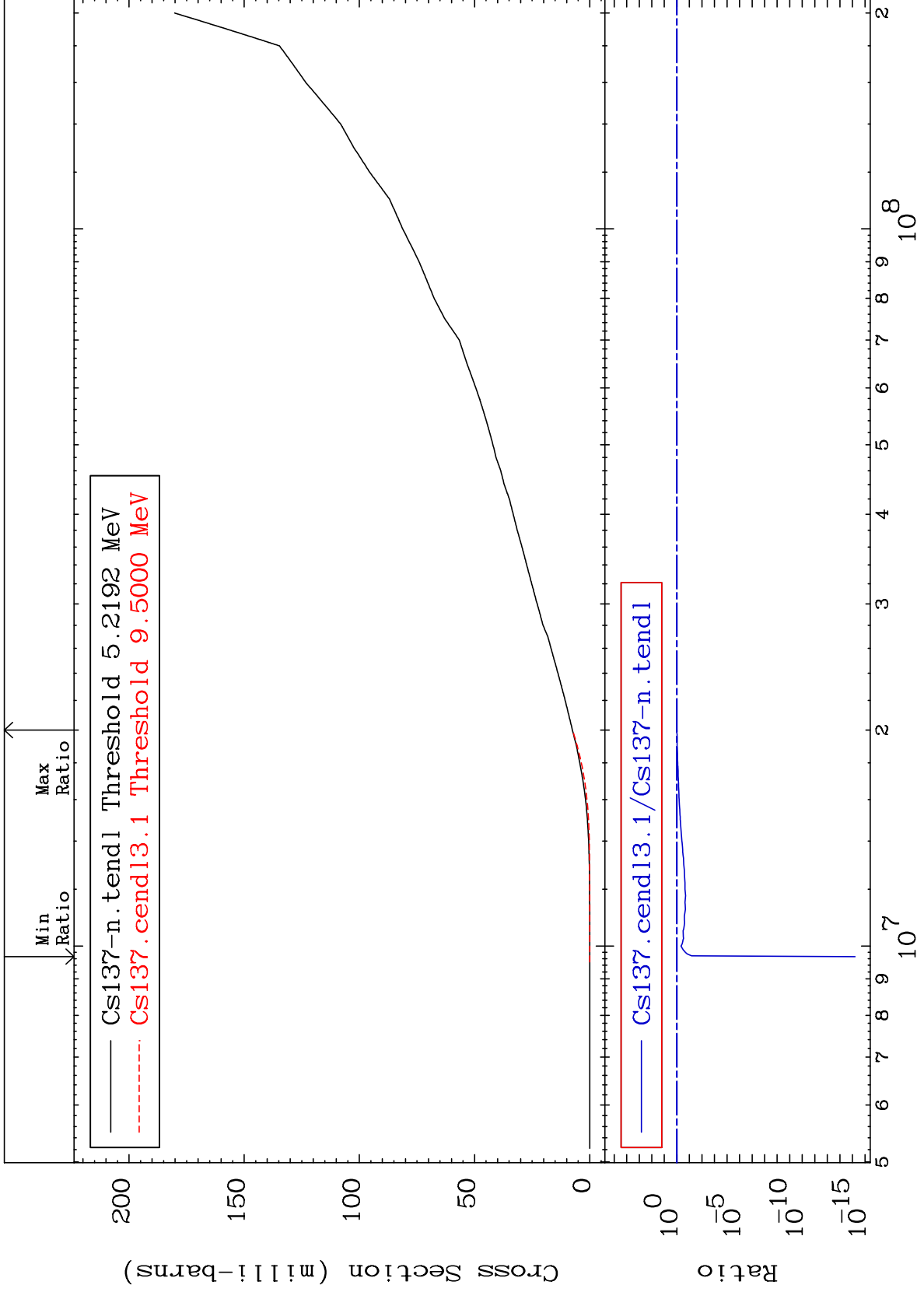




MAT 5537

Deuterium Production
Cross Section

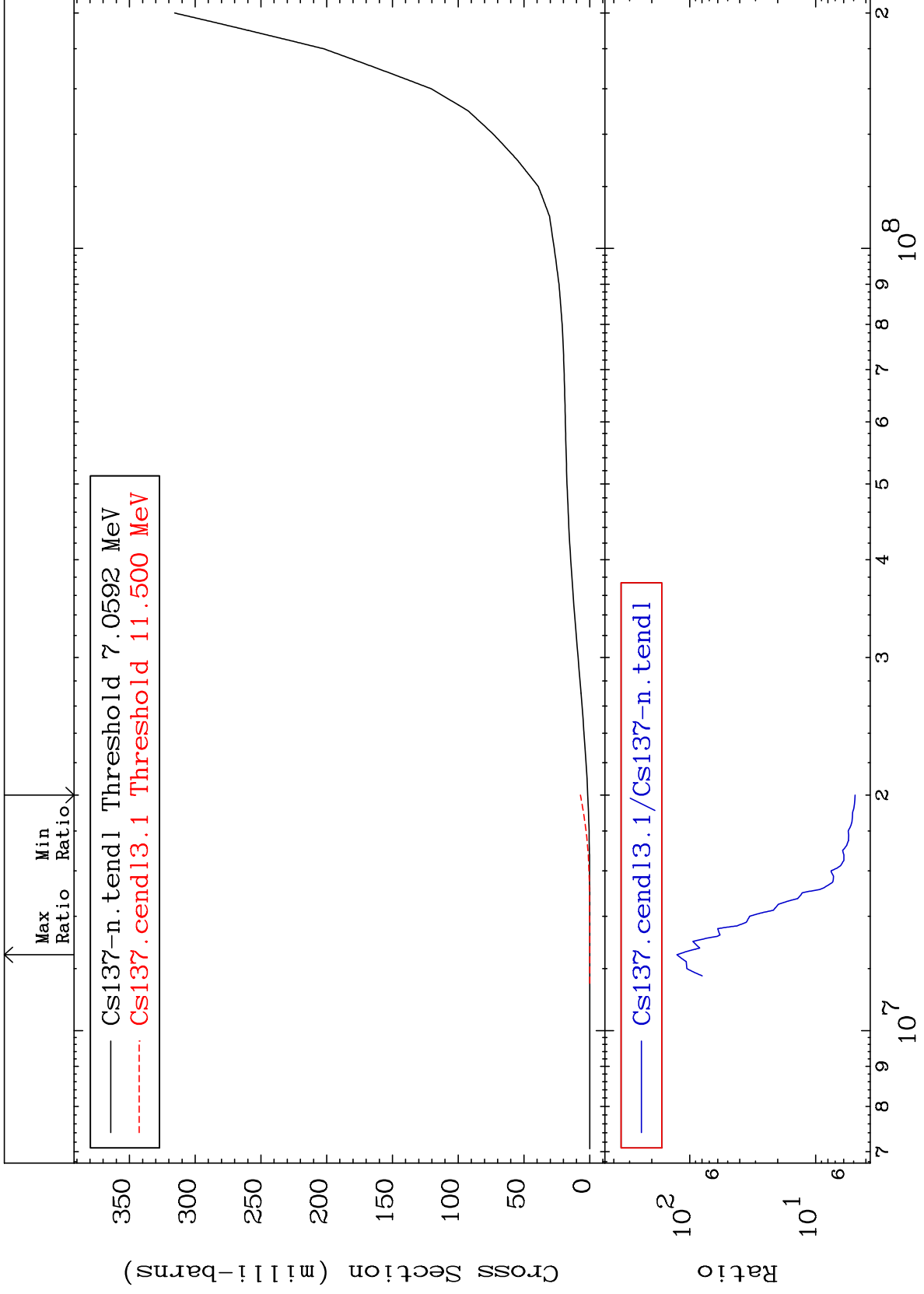
55-Cs-137
-100.0 To -1.244%



MAT 5537

Tritium Production
Cross Section

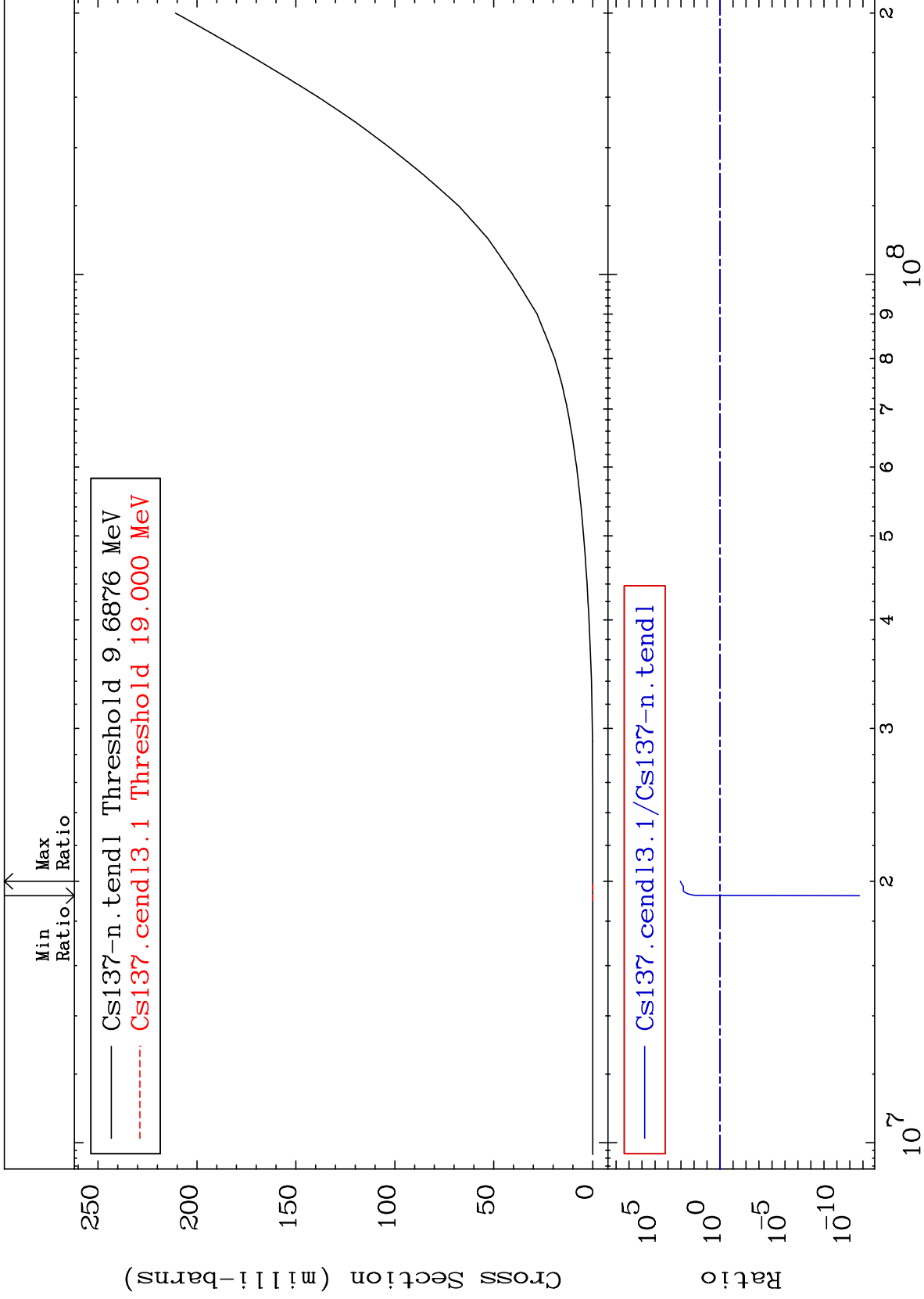
55-Cs-137
386.6 To 9999. %



MAT 5537

He-3 Production
Cross Section

55-Cs-137
-100.0 To 9999. %



Incident Energy (eV)

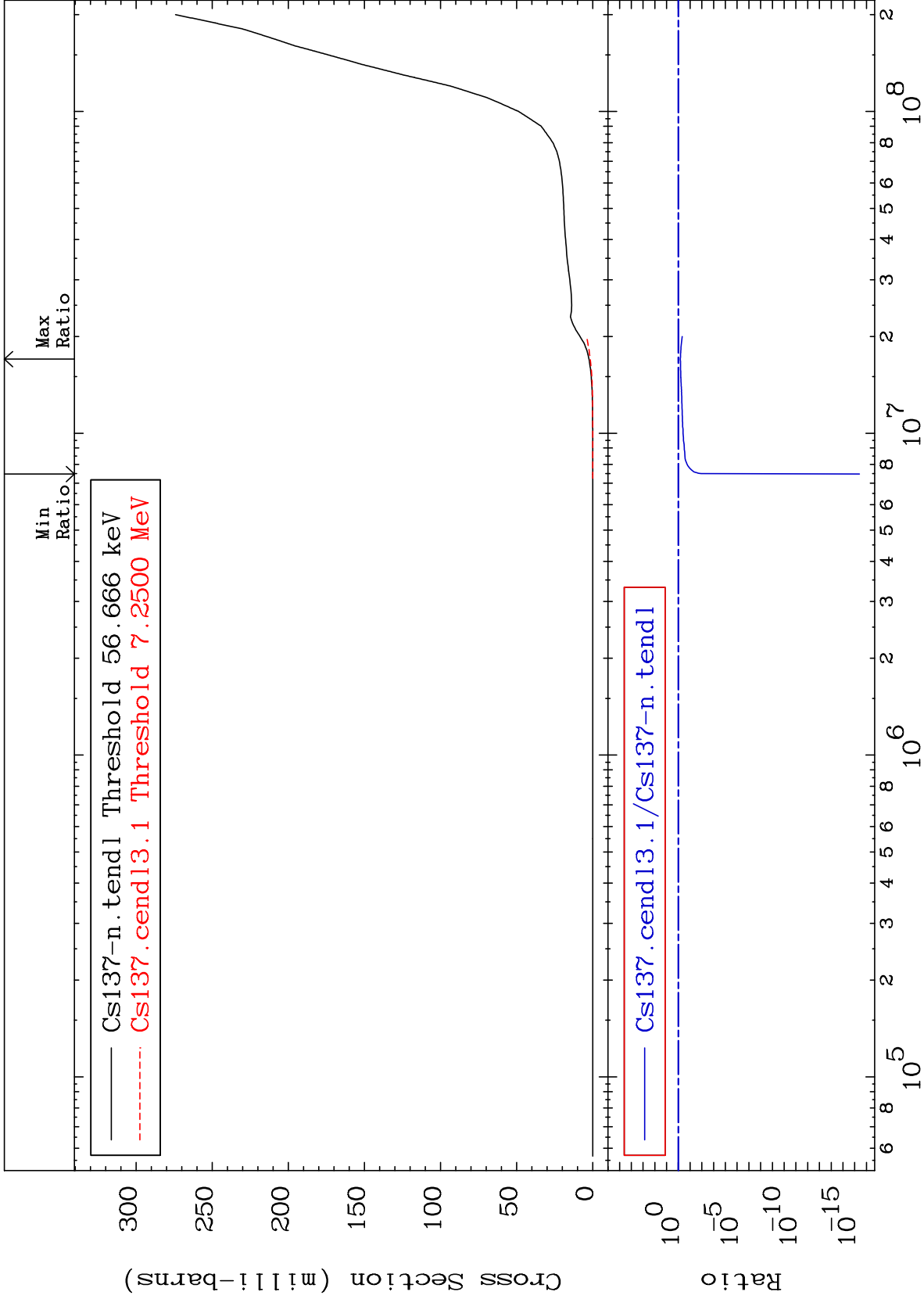
55-Cs-137

25

MAT 5537

He-4 Production
Cross Section

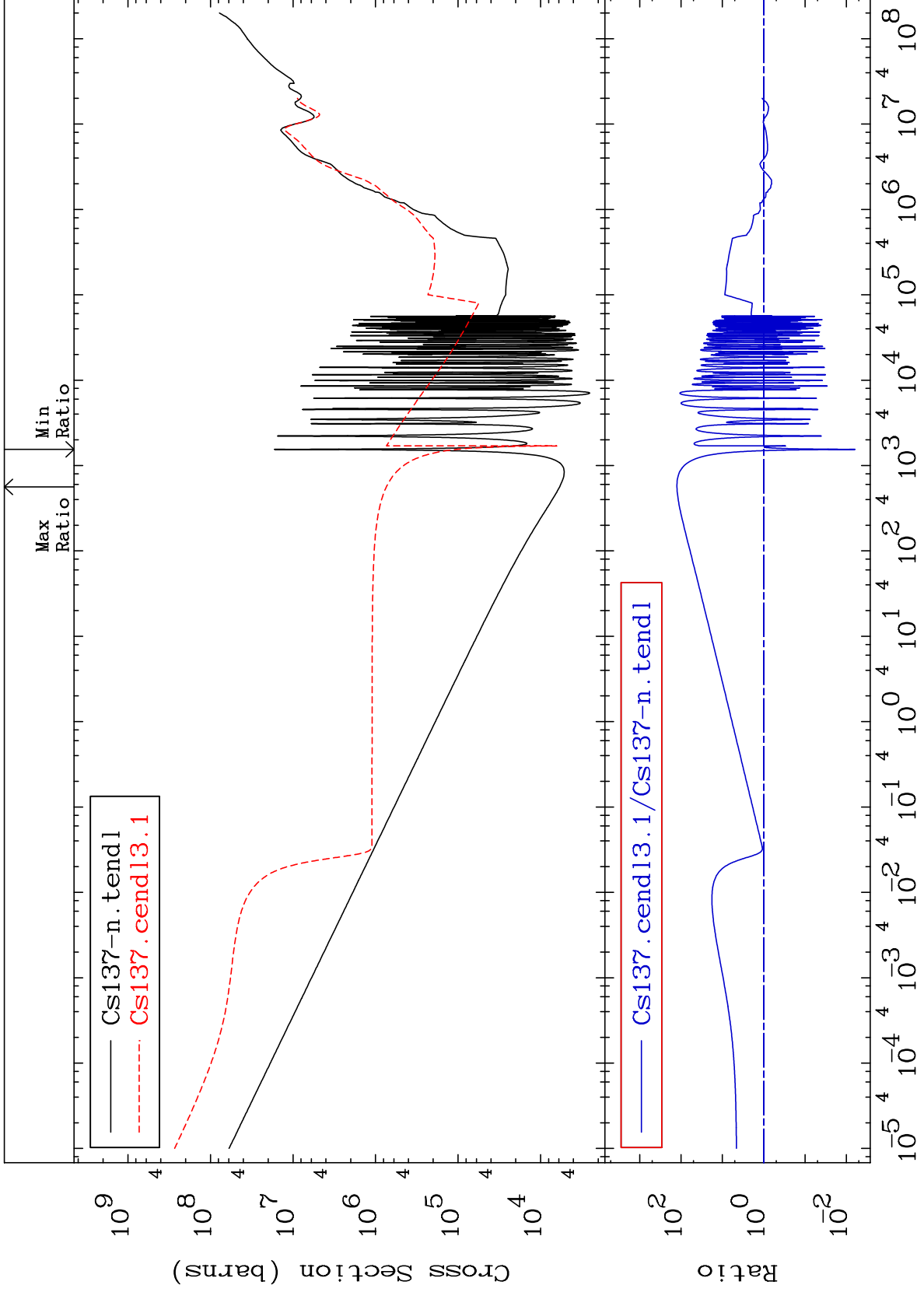
55-Cs-137
-100.0 To -32.75%



MAT 5537

Kerma total (eV-barns)
Cross Section

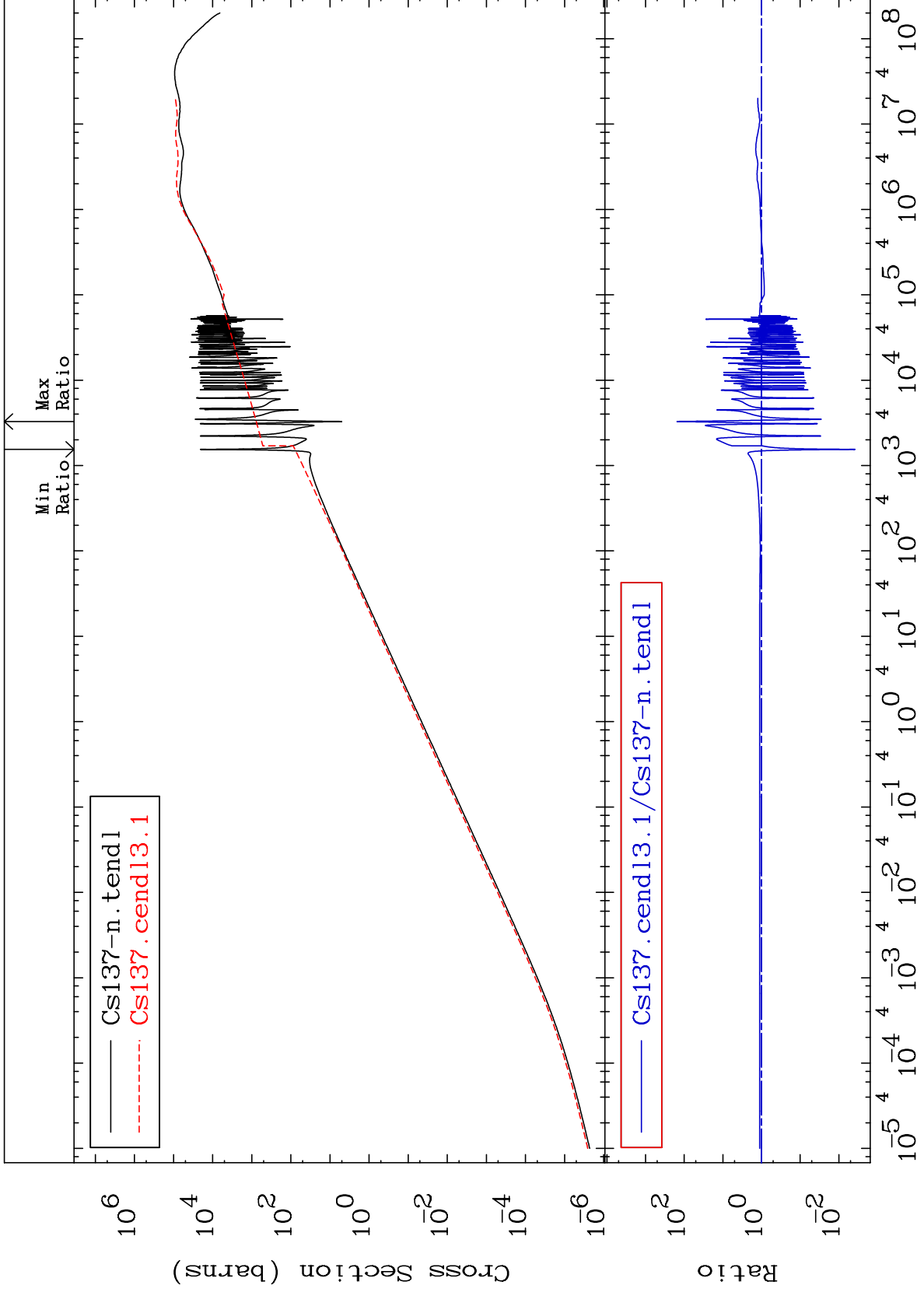
55-Cs-137
-99.38 To 9999. %

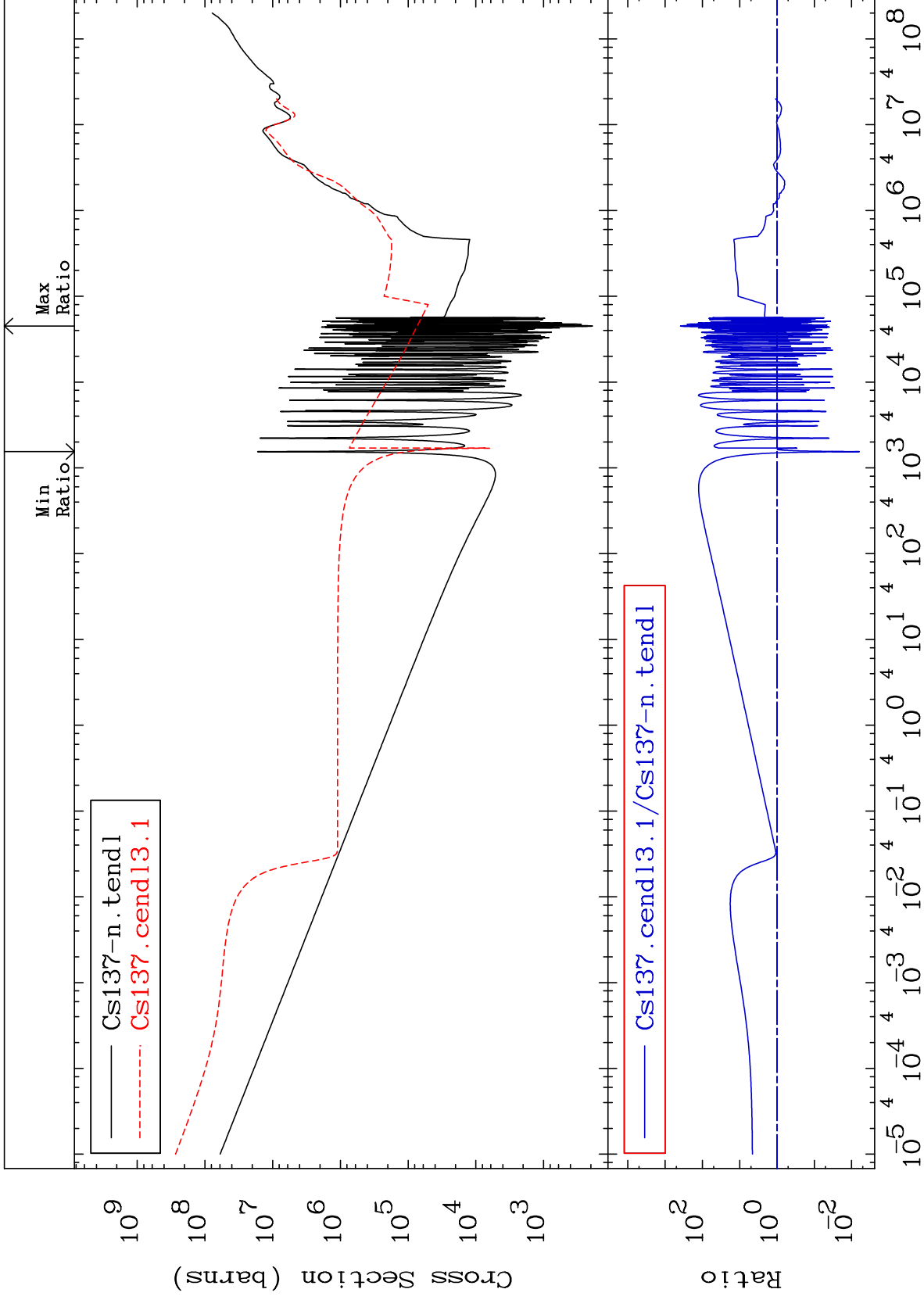


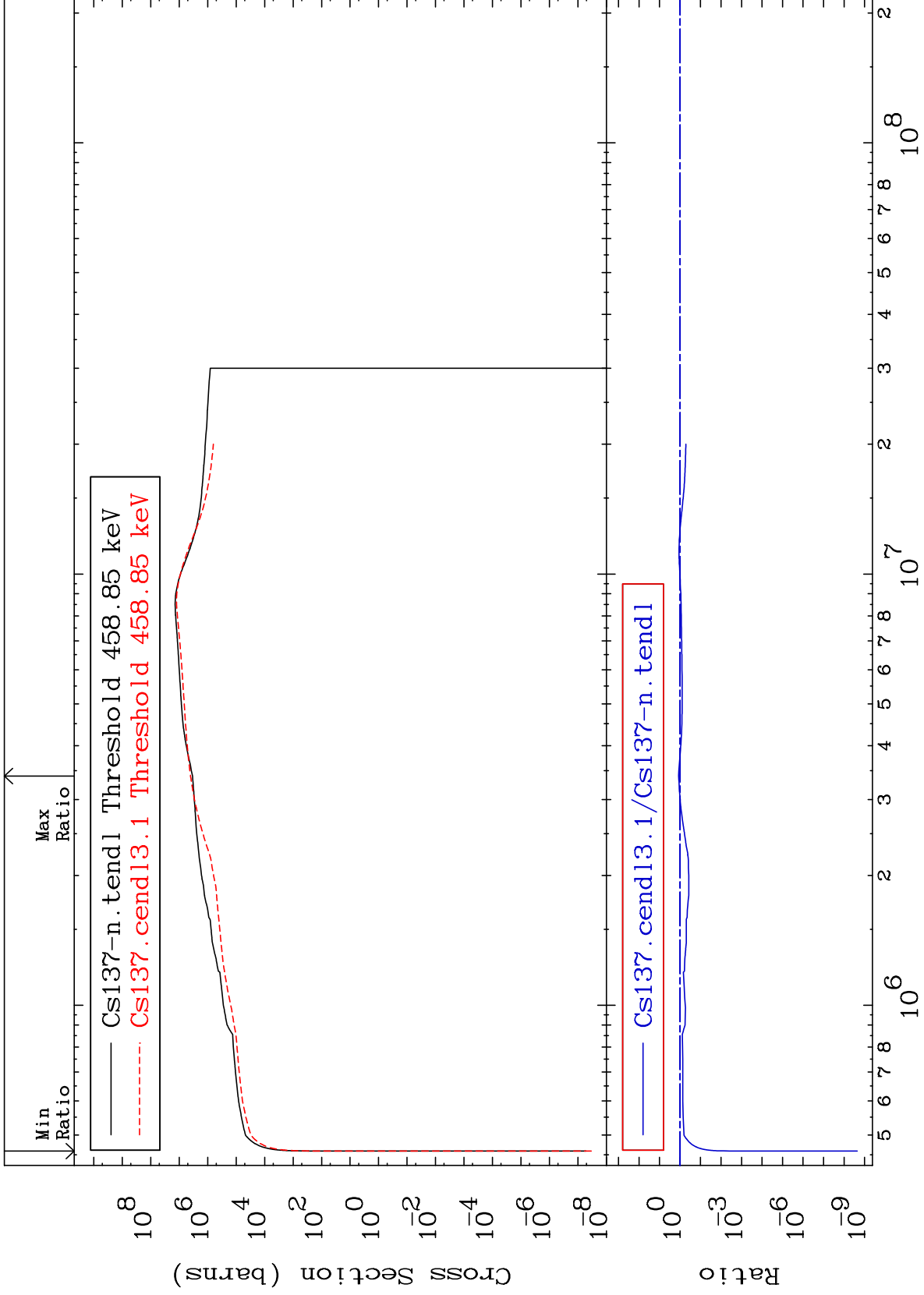
MAT 5537

Kerma elastic
Cross Section

55-Cs-137
-99.62 To 9999. %



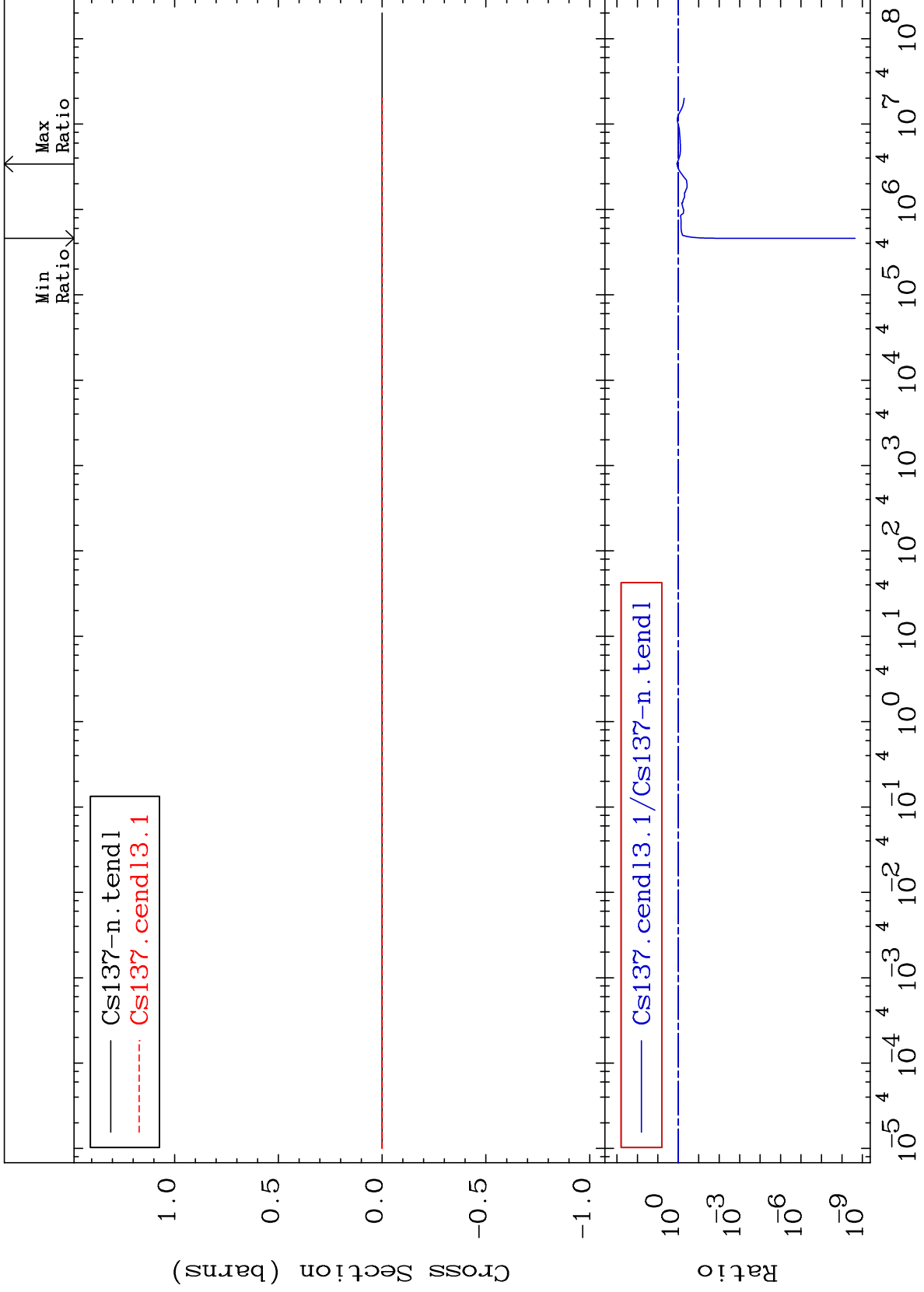




MAT 5537

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

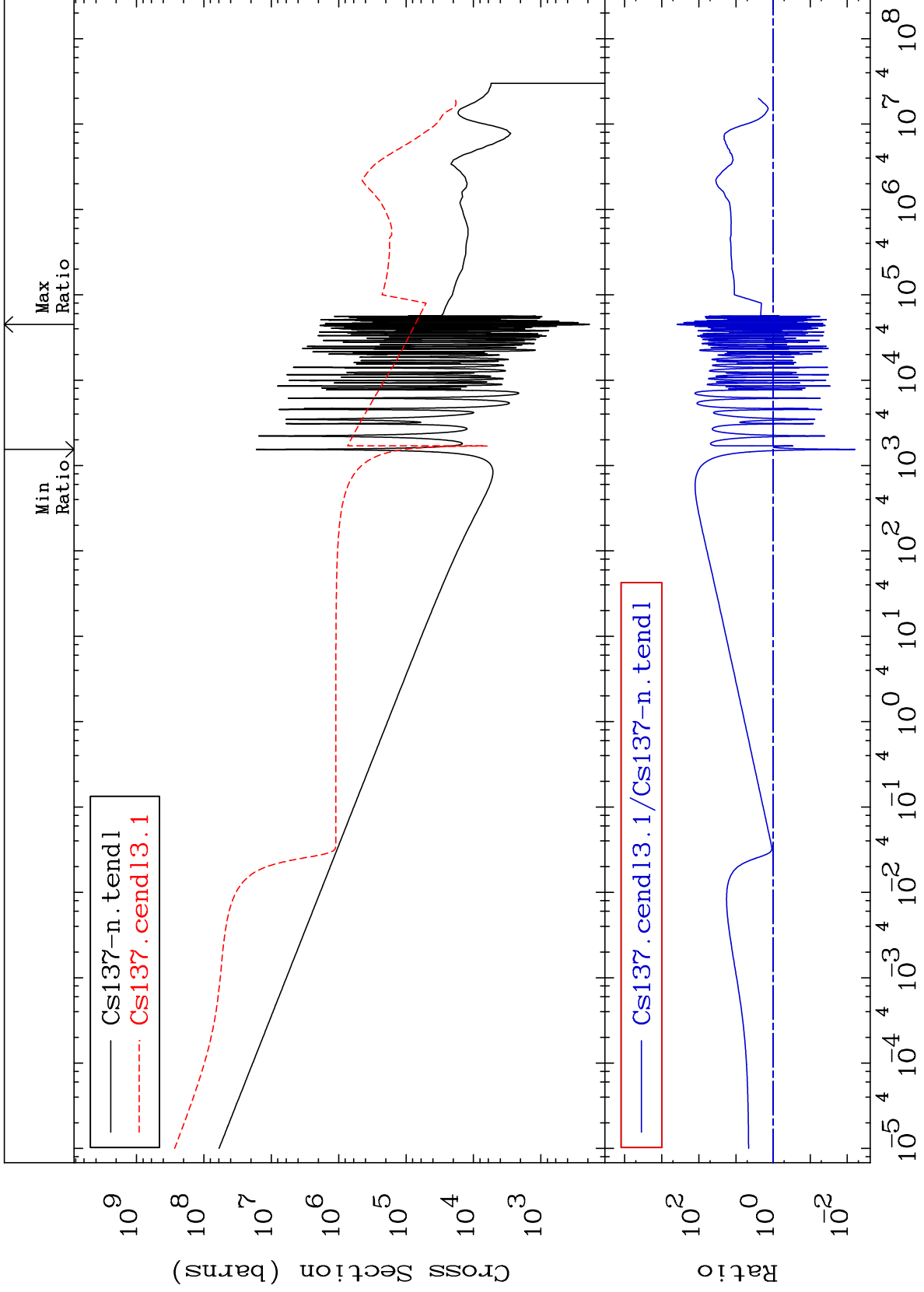
55-Cs-137
-100.0 To 16.71 %



MAT 5537

Kerma capture (mt102)
Cross Section

55-Cs-137
-99.38 To 9999. %

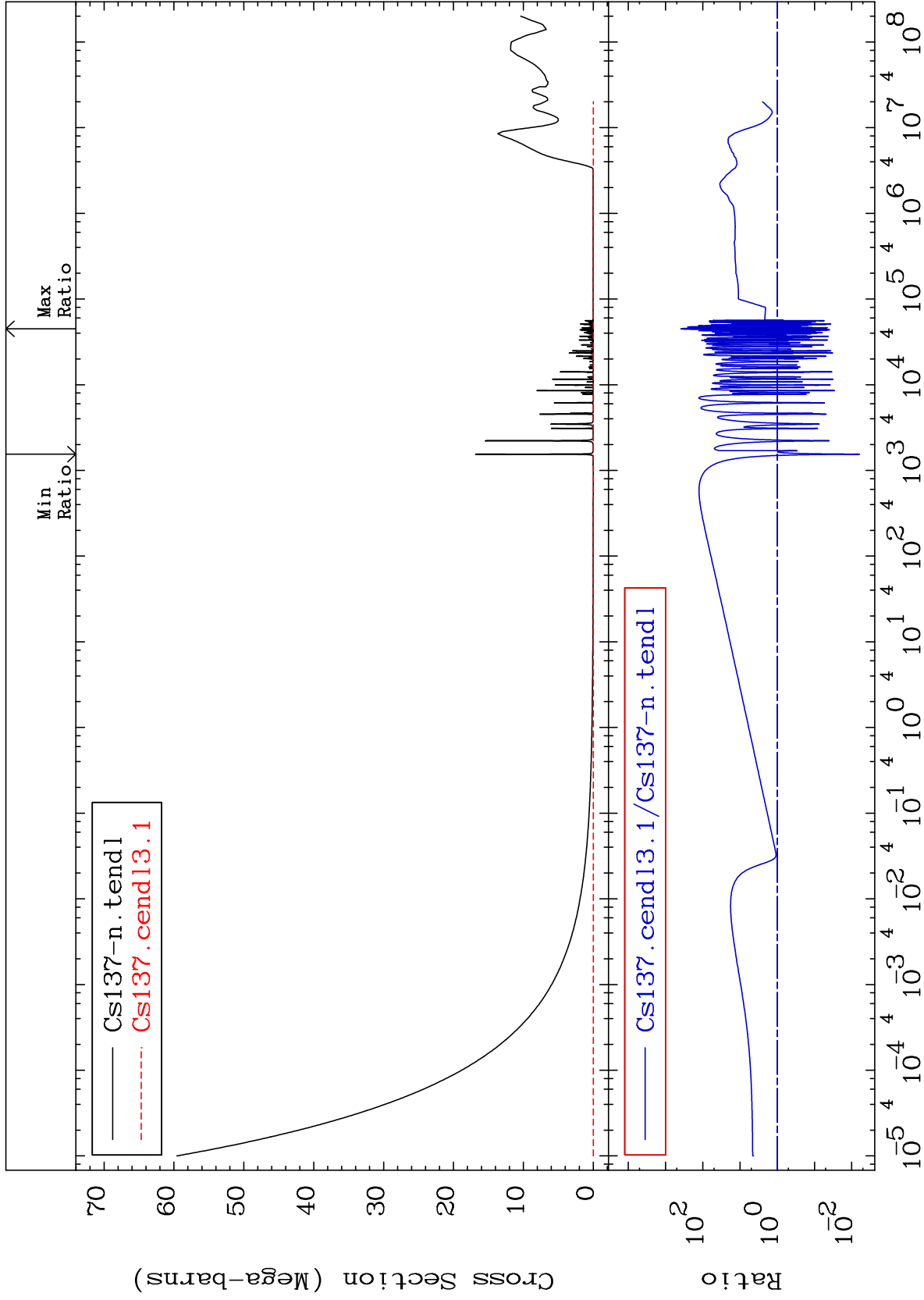


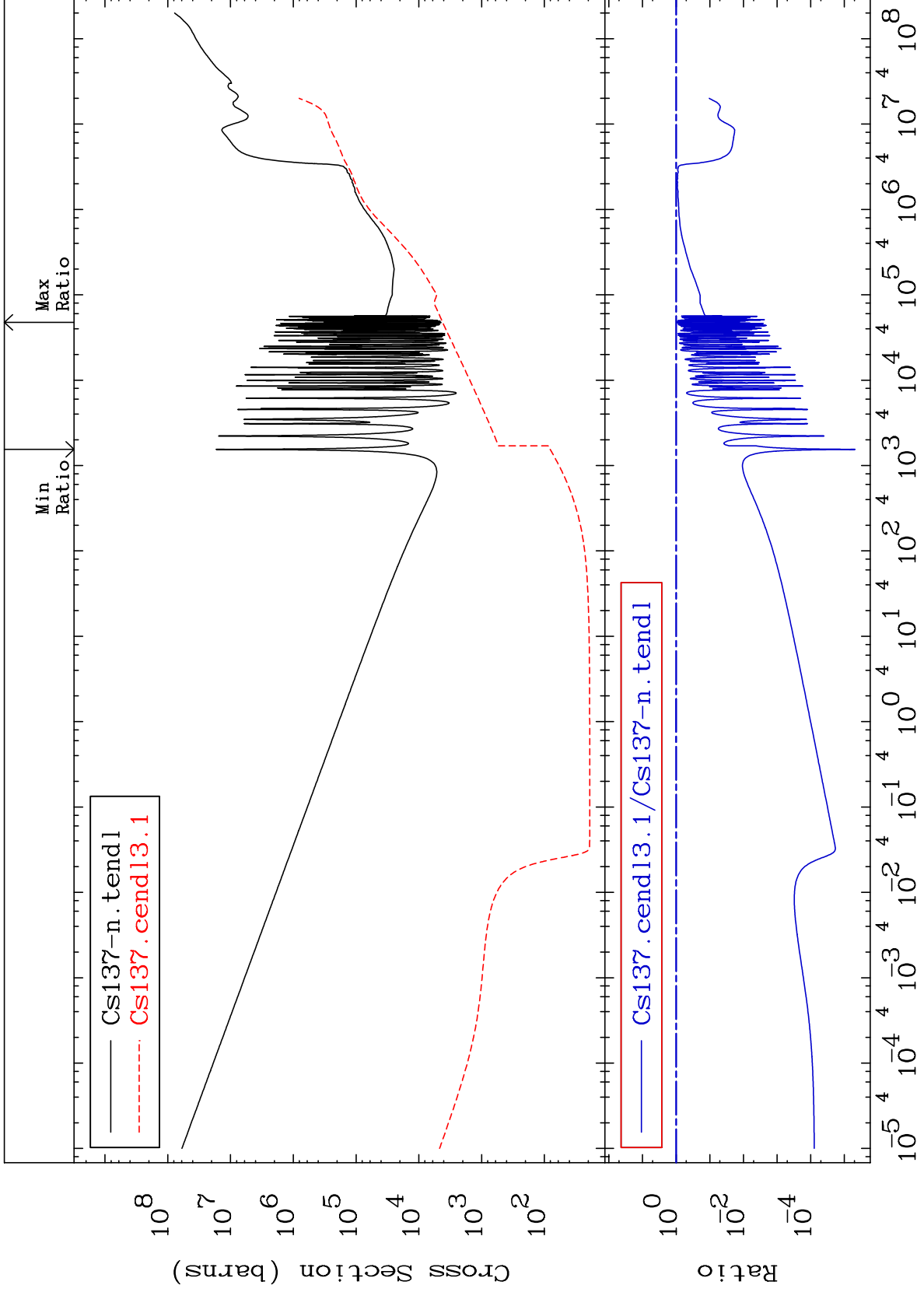
MAT 5537

Total photon (eV-barns)
Cross Section

55-Cs-137

-99.38 To 9999. %





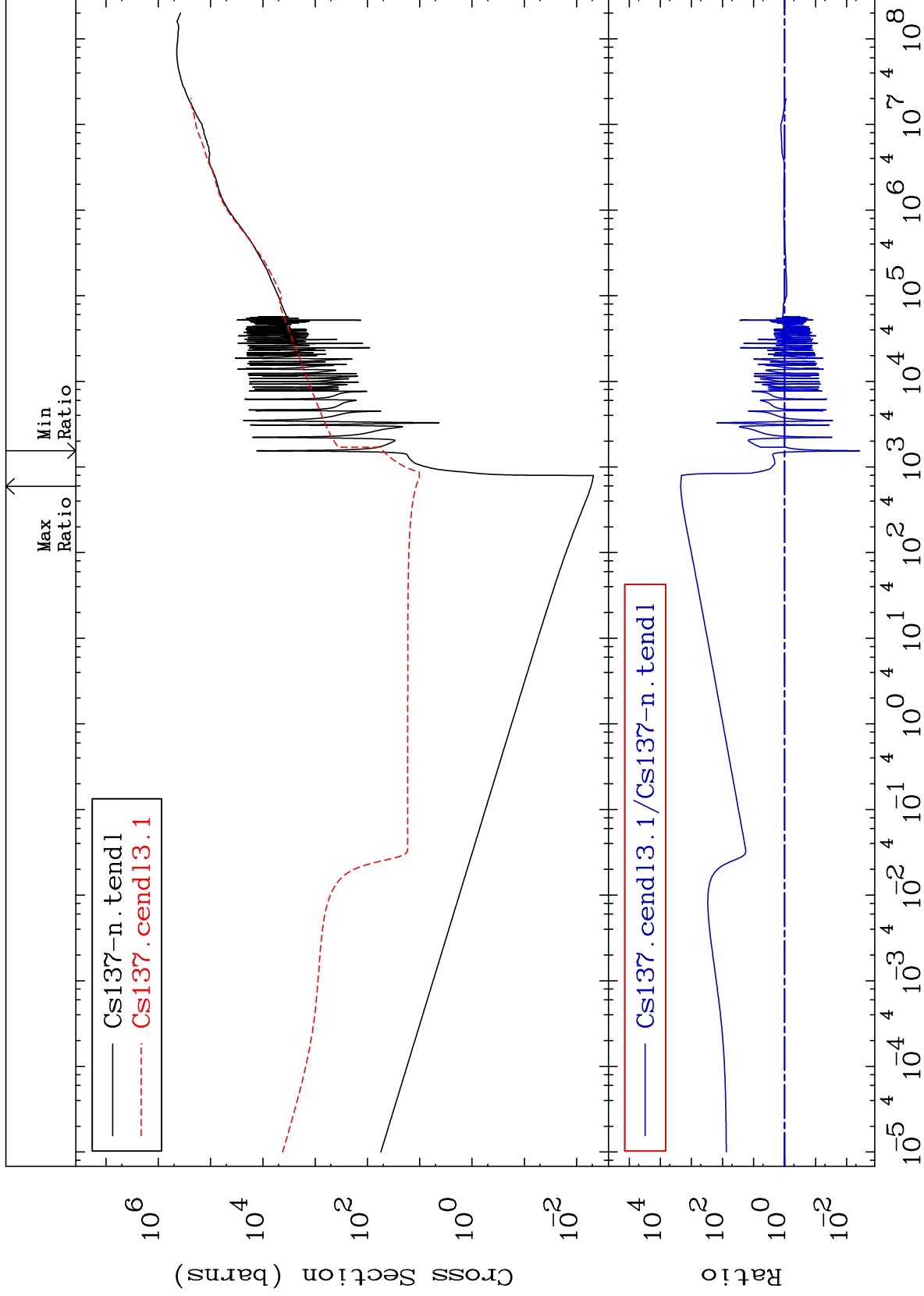
MAT 5537

Dpa total (eV-barns)

55-Cs-137

Cross Section

-99.61 To 9999. %



35

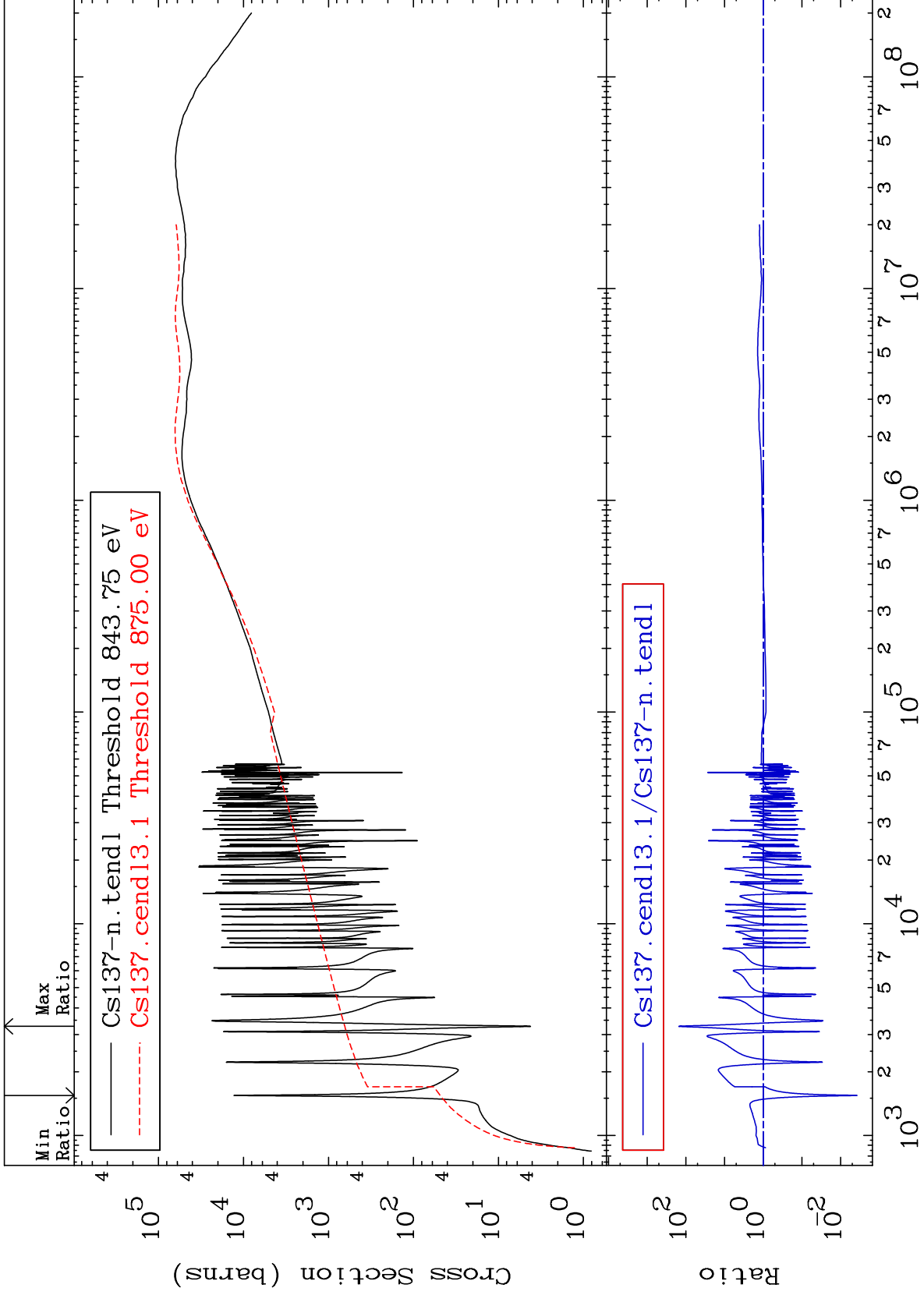
Incident Energy (eV)

55-Cs-137

MAT 5537

Dpa elastic (mt2)
Cross Section

55-Cs-137
-99.63 To 9999. %



36

Incident Energy (eV)

55-Cs-137

