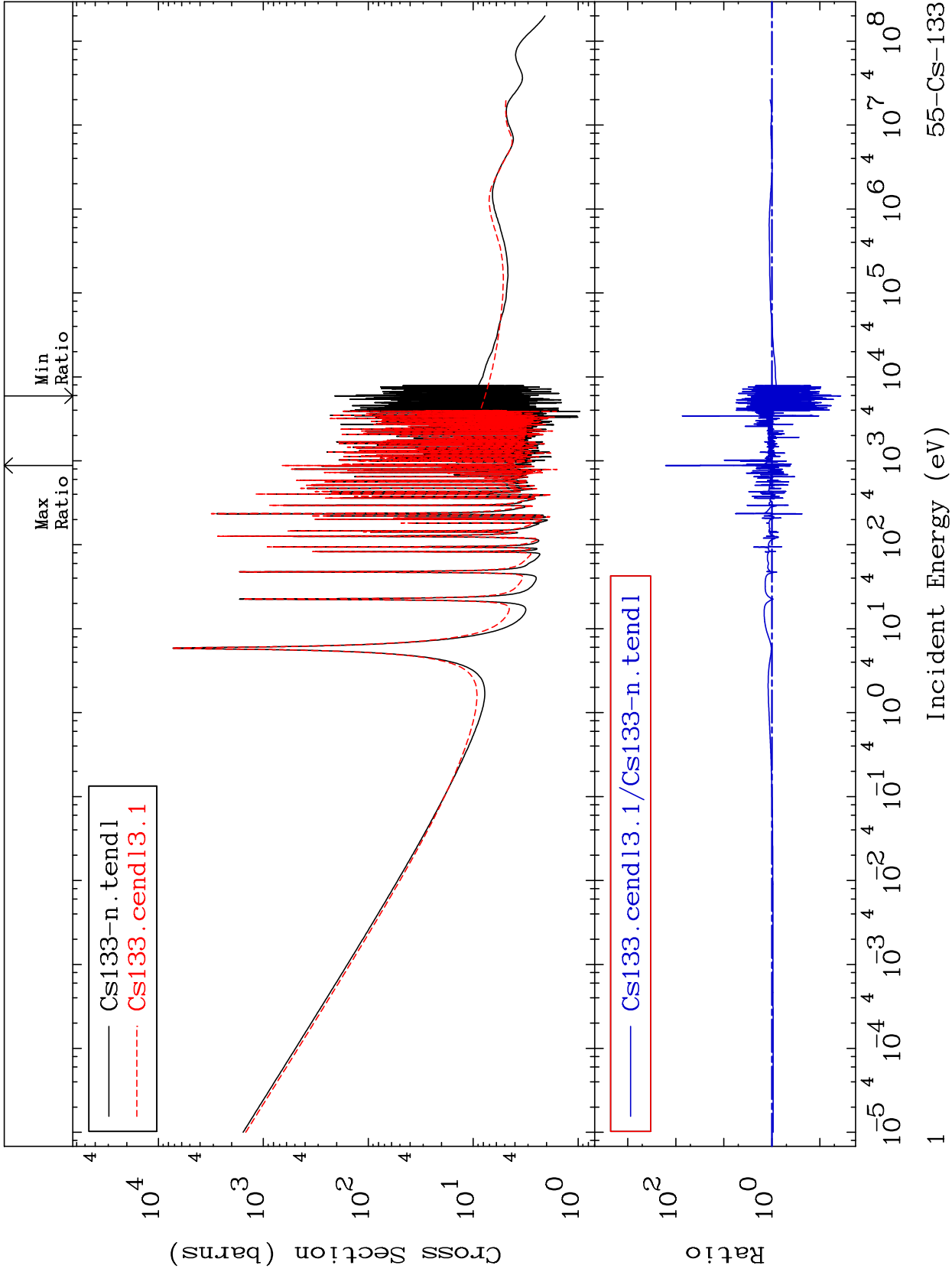


MAT 5525

Total Cross Section
55-Cs-133
-96.31 To 9999. %

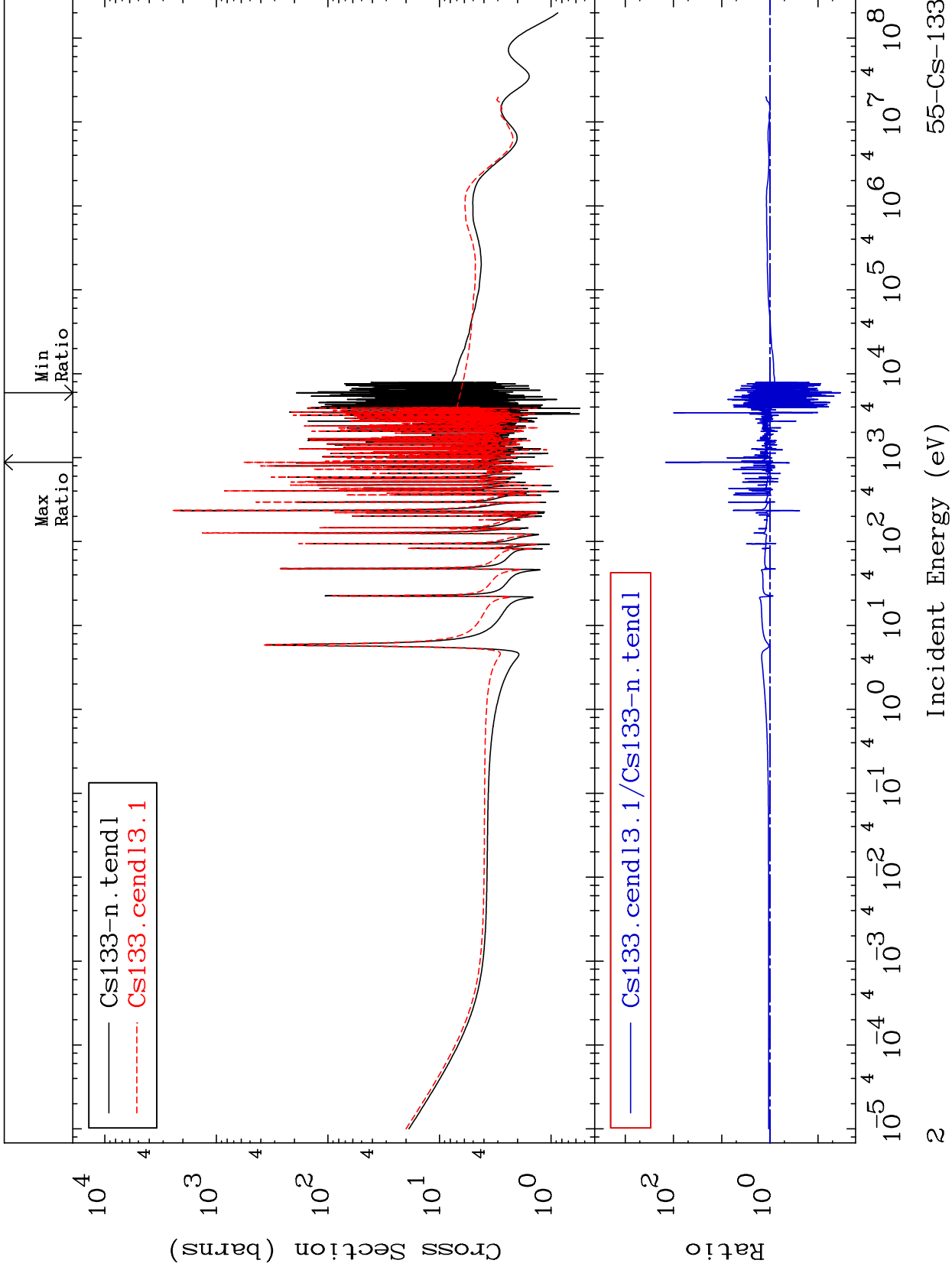


55-Cs-133

MAT 5525

Elastic
Cross Section

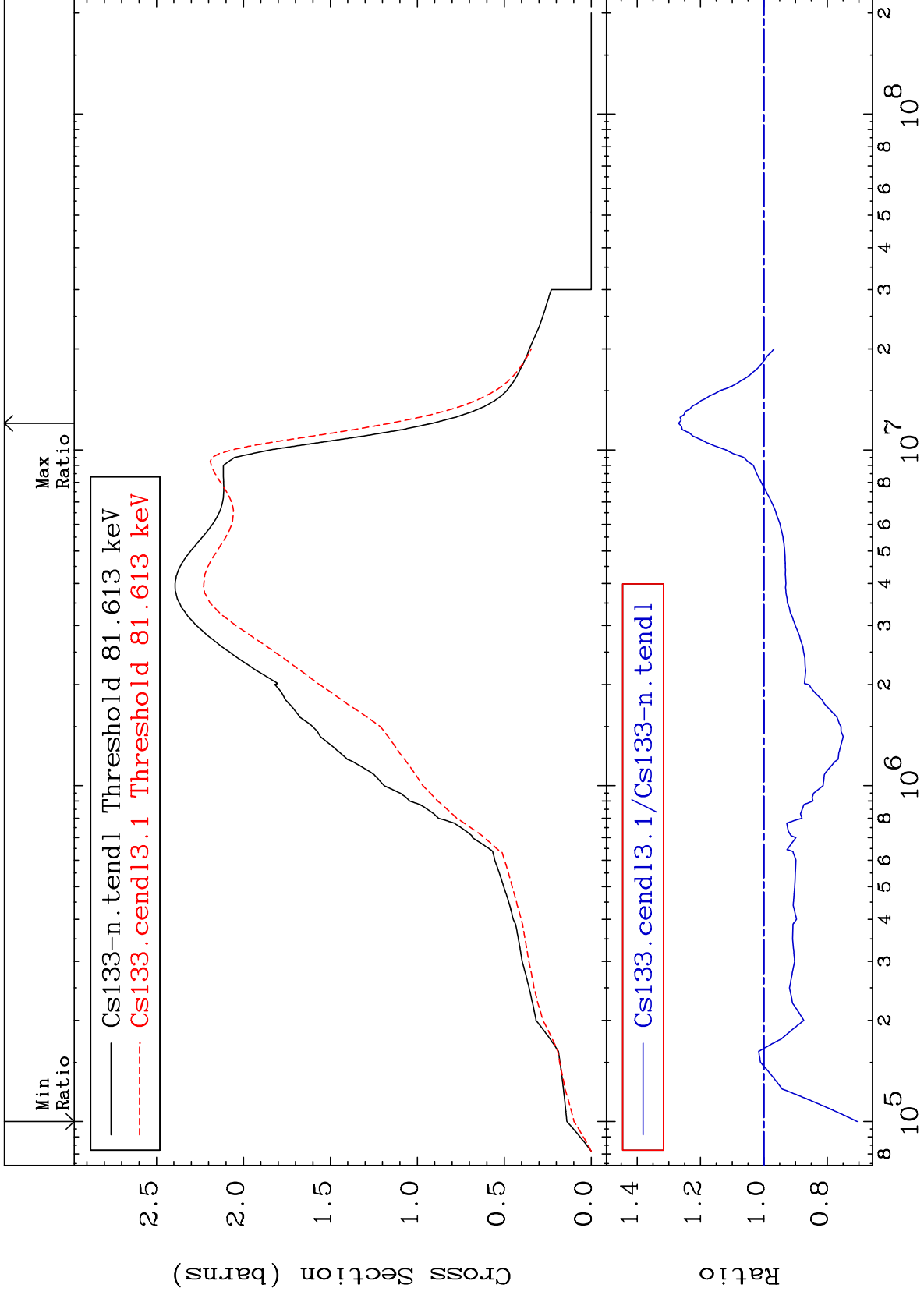
55-Cs-133
-96.61 To 9999. %



MAT 5525

Inelastic
Cross Section

55-Cs-133
-29.48 To 26.90 %



3

Incident Energy (eV)

55-Cs-133

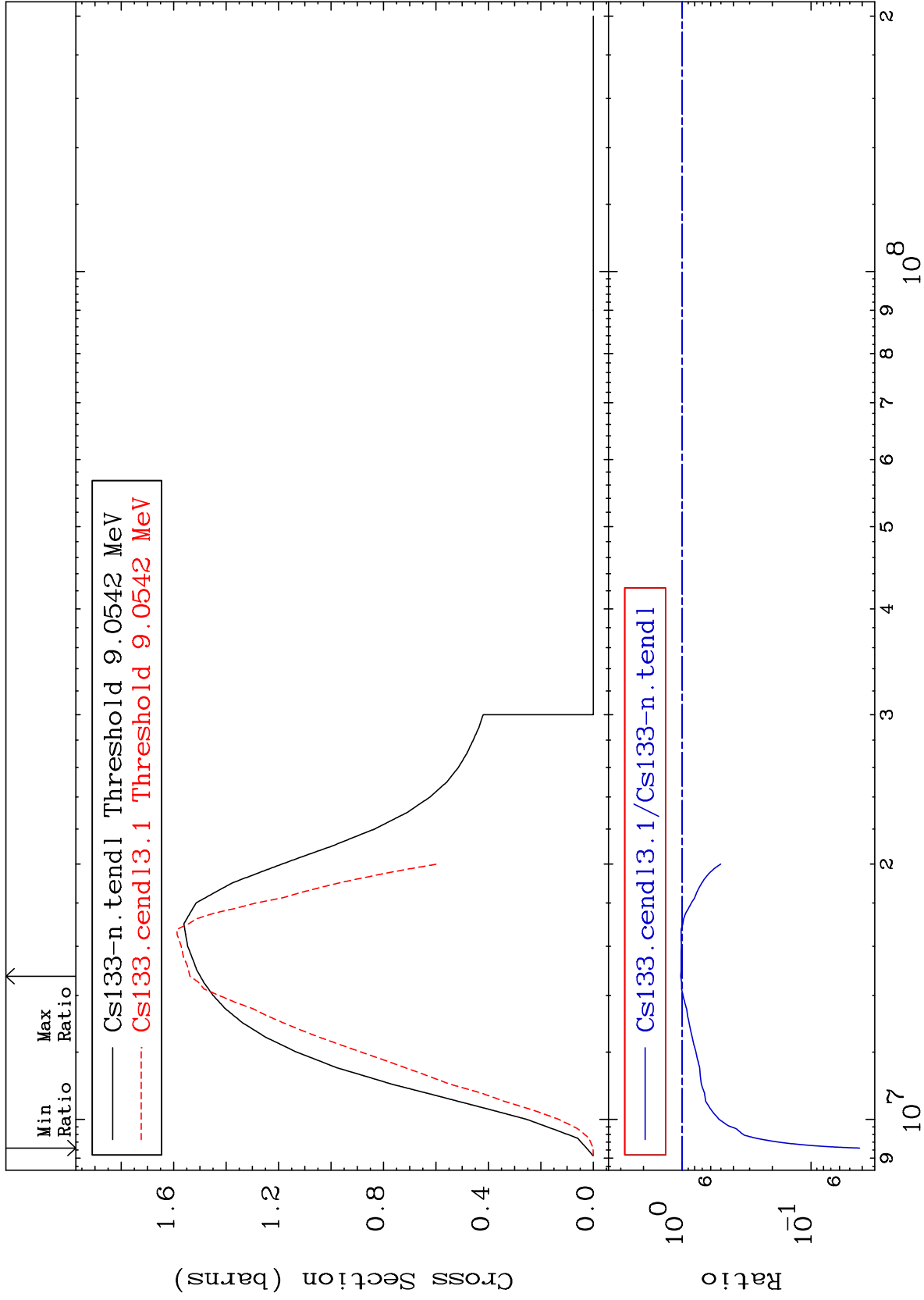
MAT 5525

(n,2n)

55-Cs-133

Cross Section

-95.81 To 2.651 %



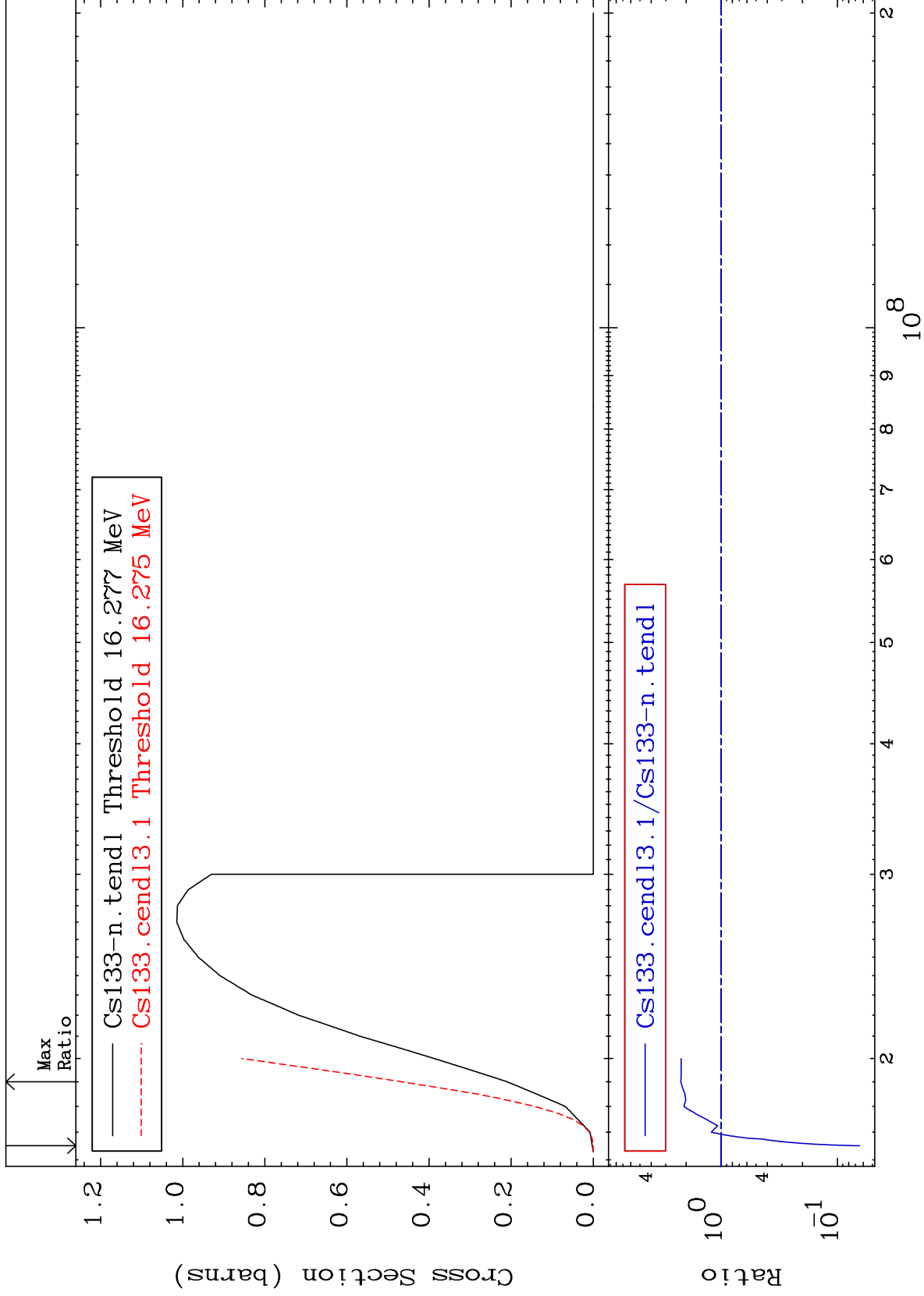
Incident Energy (eV)

55-Cs-133

MAT 5525

(n,3n)
Cross Section

55-Cs-133
-93.55 To 122.5 %



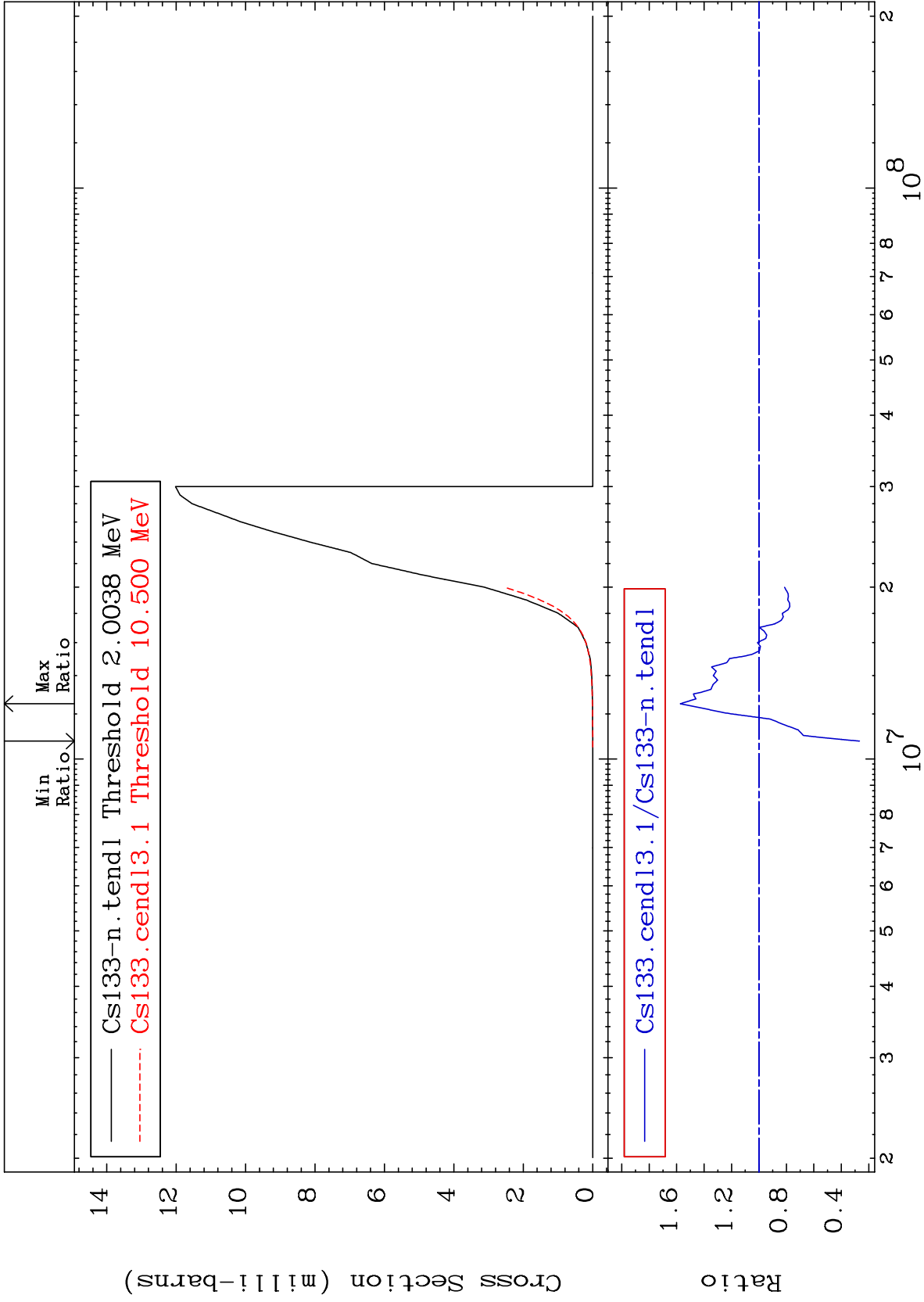
MAT 5525

(n, n') α

55-Cs-133

Cross Section

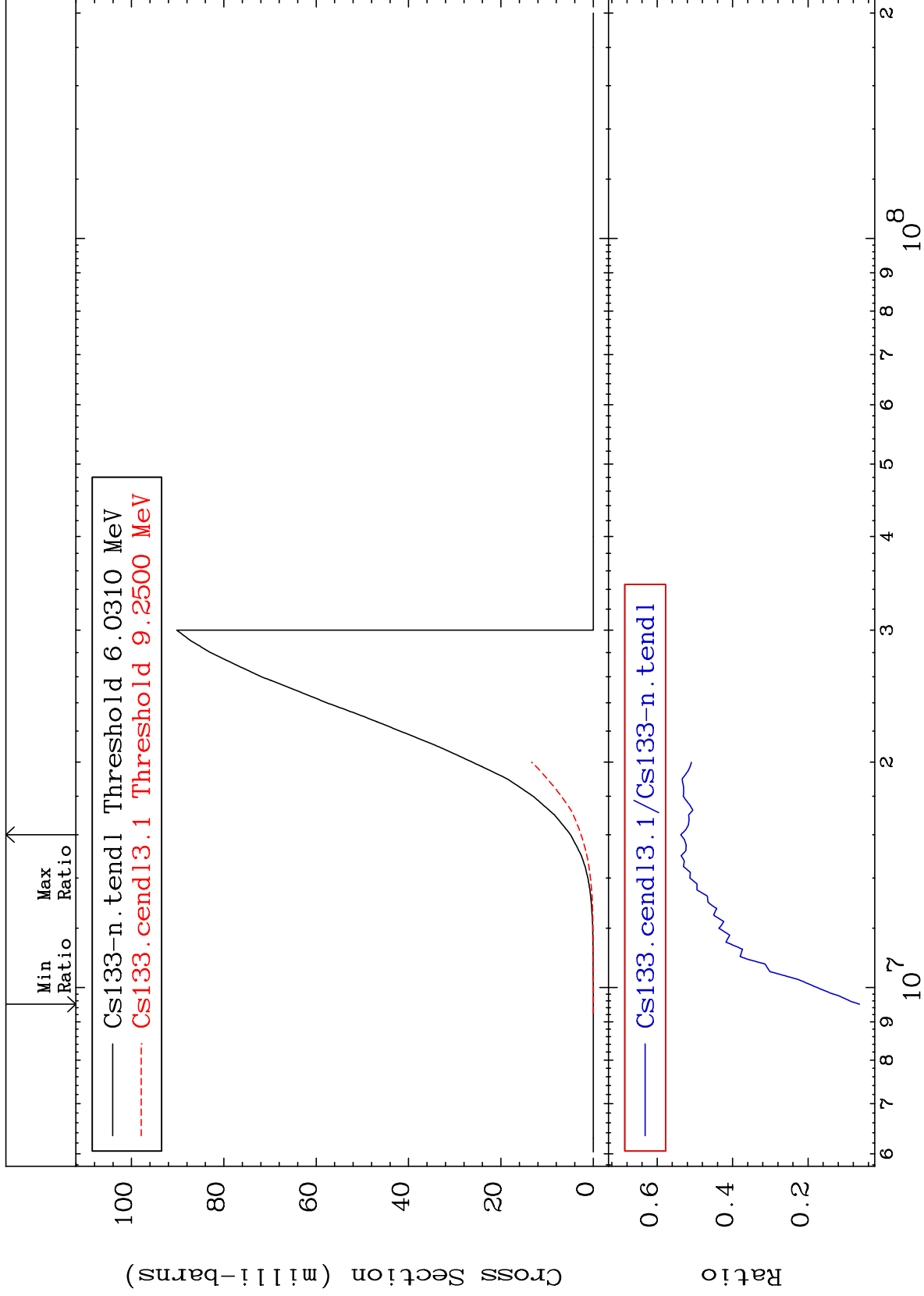
-73.22 To 57.30 %



MAT 5525

(n,n') p
Cross Section

55-Cs-133
-93.65 To -46.26%



7

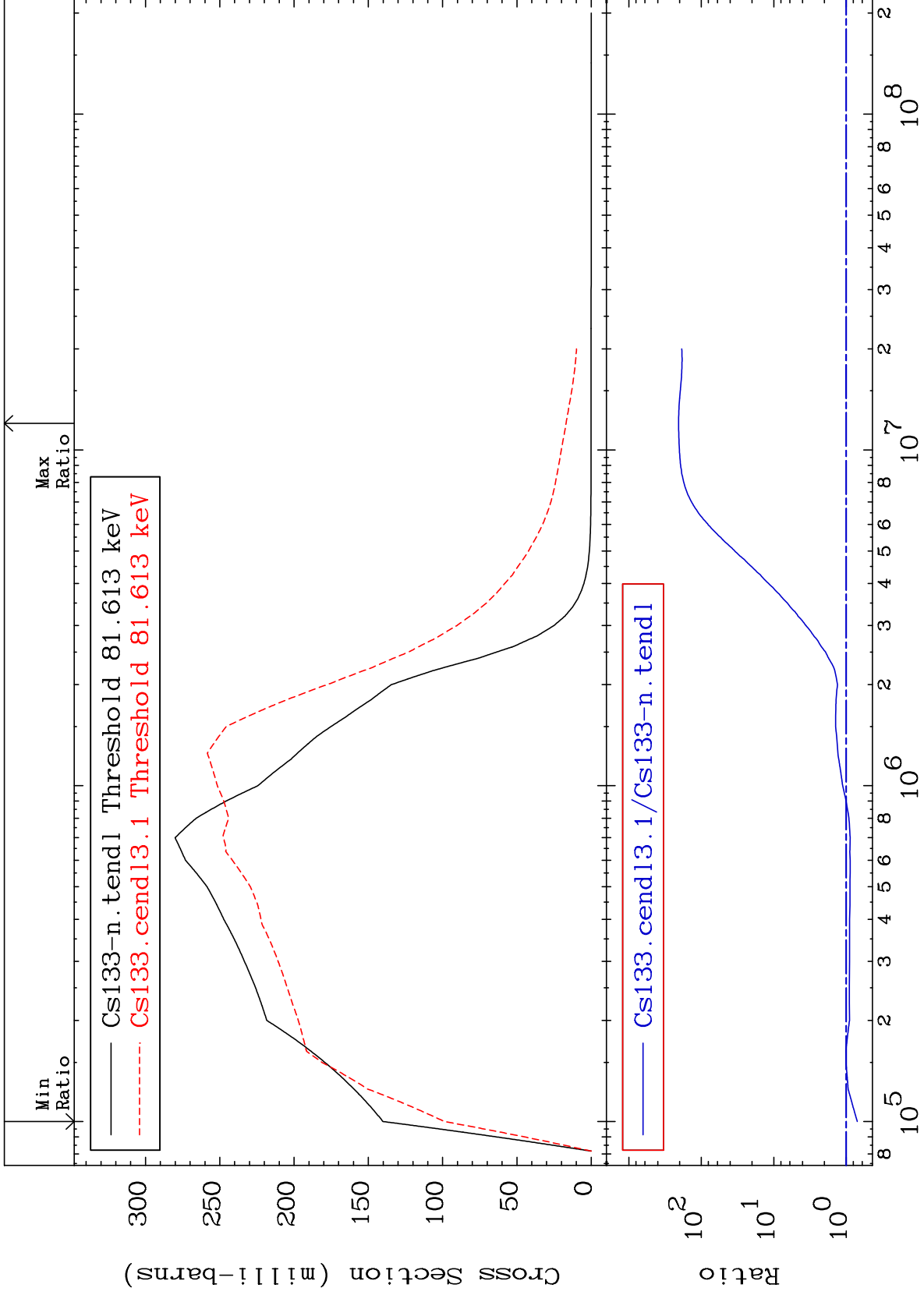
Incident Energy (eV)

55-Cs-133

MAT 5525

81.00 keV (n,n') Level
Cross Section

55-Cs-133
-29.48 To 9999. %



8

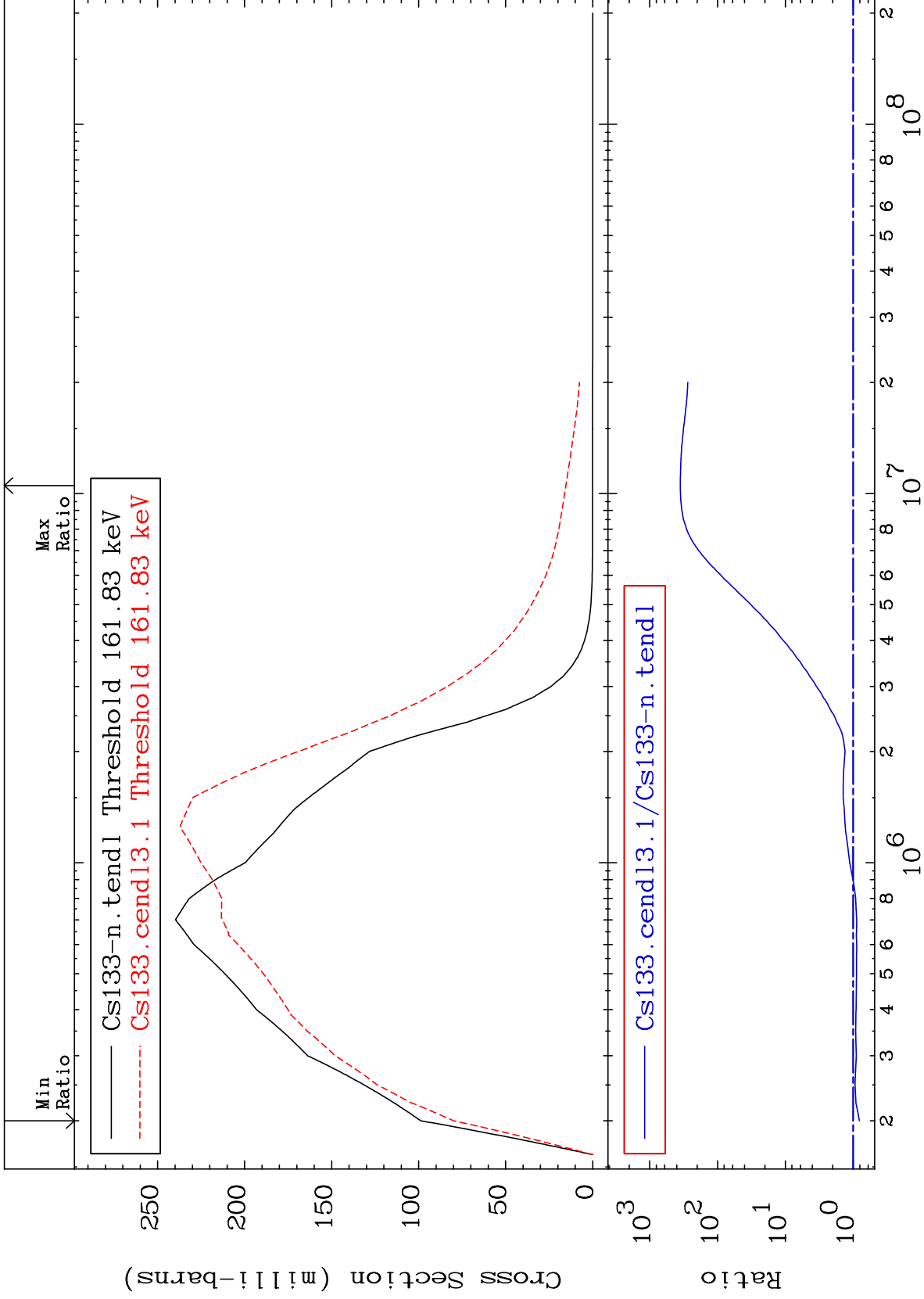
Incident Energy (eV)

55-Cs-133

MAT 5525

160.6 keV (n,n') Level
Cross Section

55-Cs-133
-19.03 To 9999. %



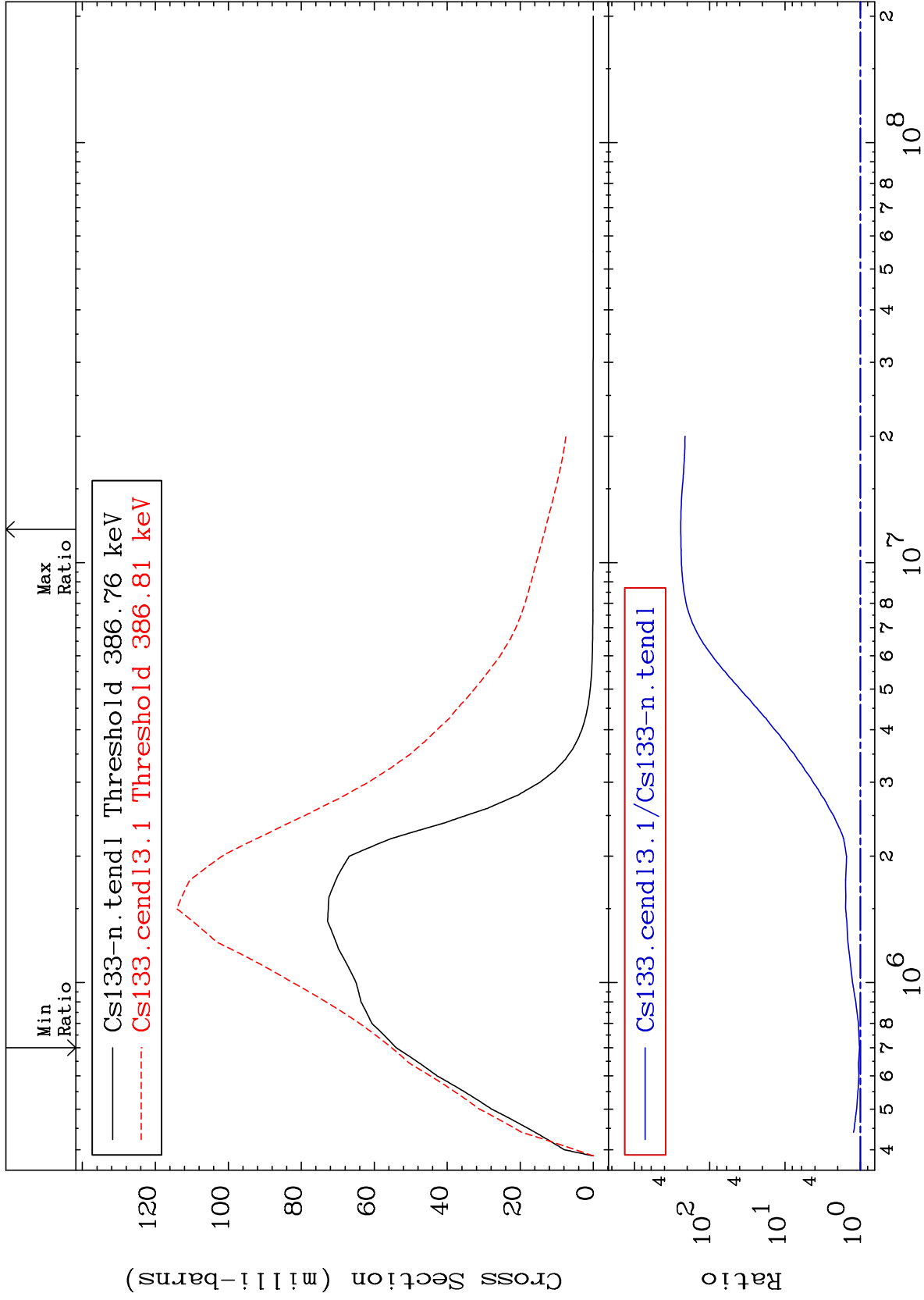
MAT 5525

383.8 keV (n,n') Level

55-Cs-133

2.300 To 9999. %

Cross Section



10

Incident Energy (eV)

55-Cs-133

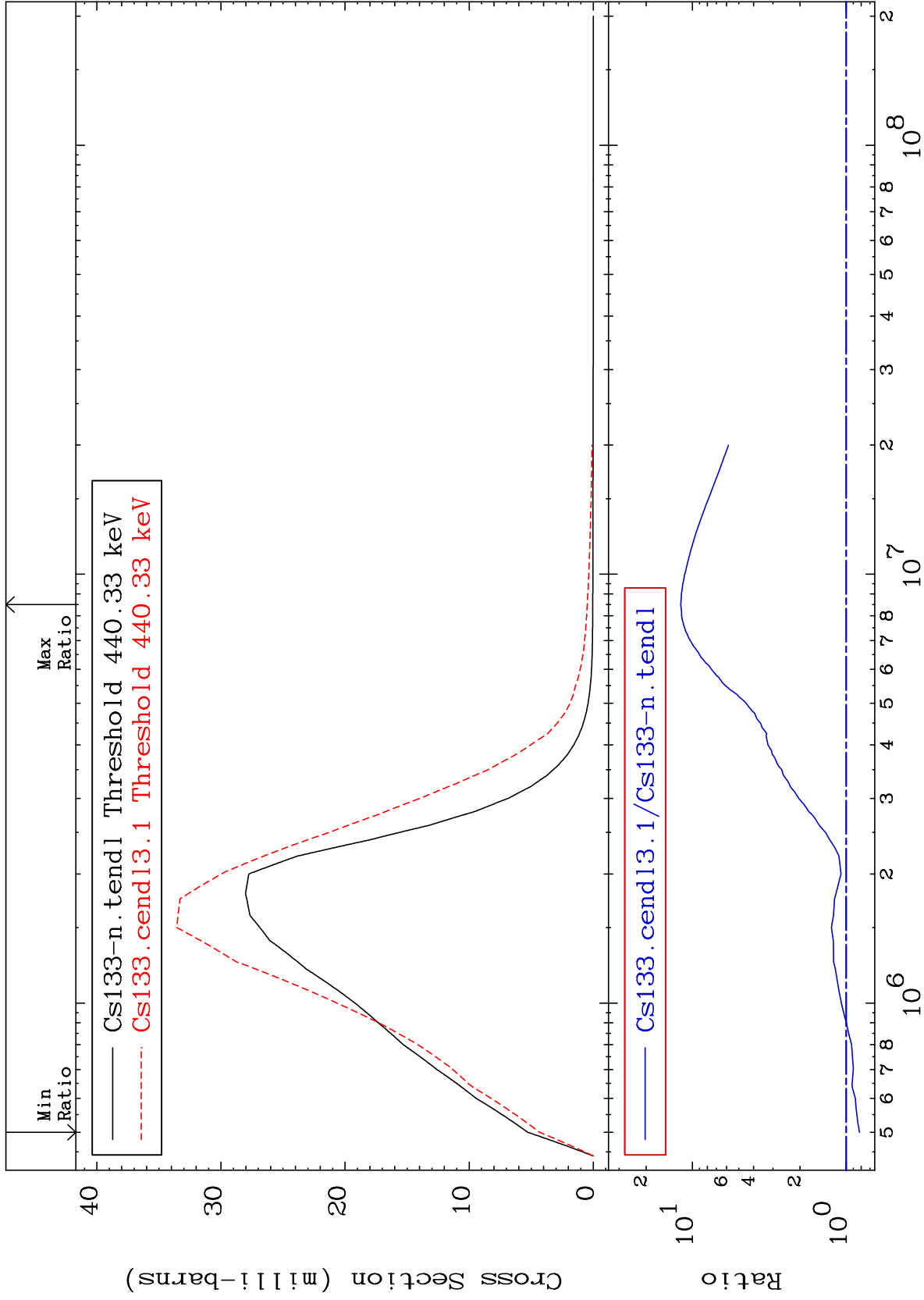
MAT 5525

437.0 keV (n,n') Level

55-Cs-133

-18.10 To 1091. %

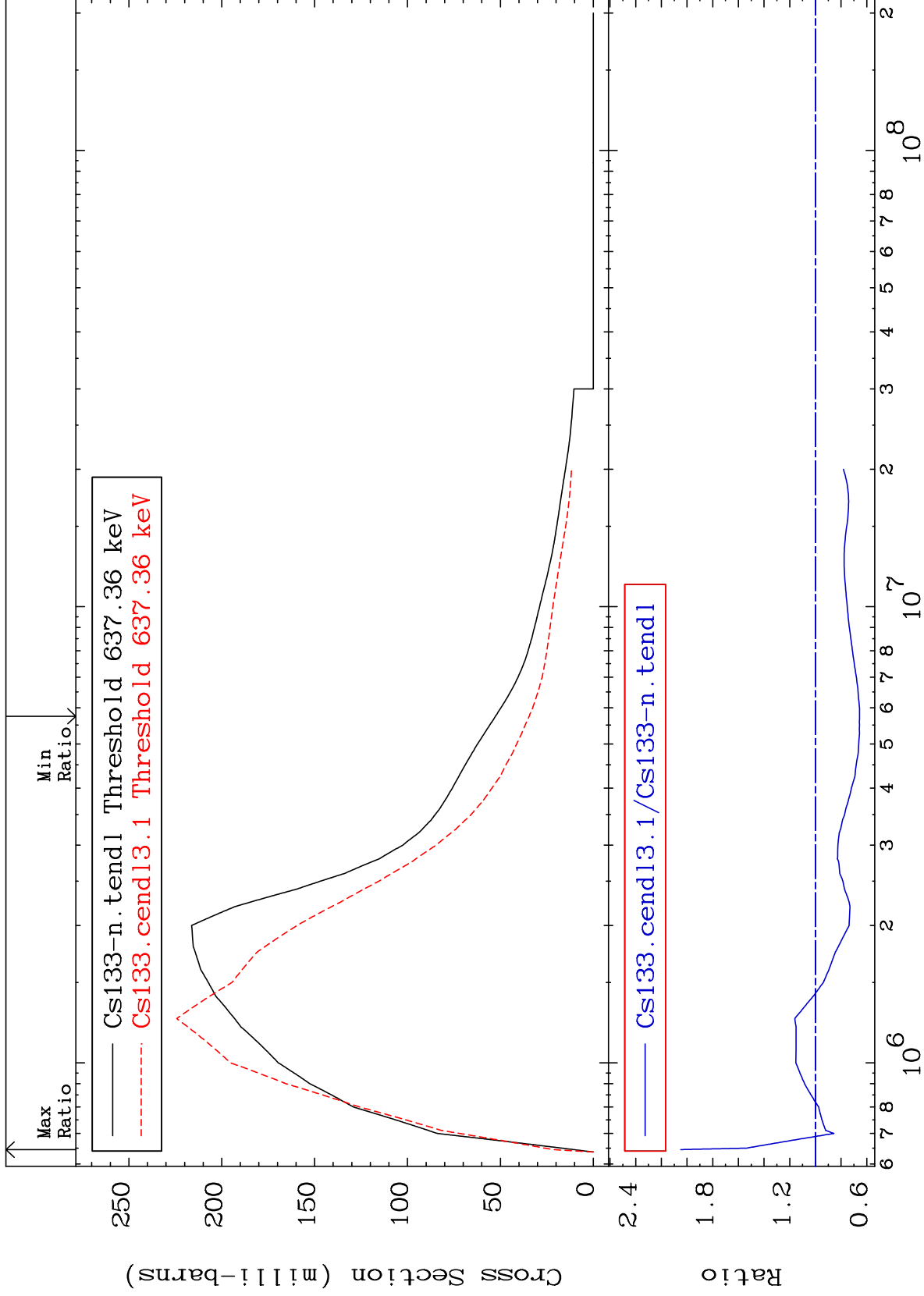
Cross Section



MAT 5525

632.6 keV (n,n') Level
Cross Section

55-Cs-133
-34.39 To 104.9 %



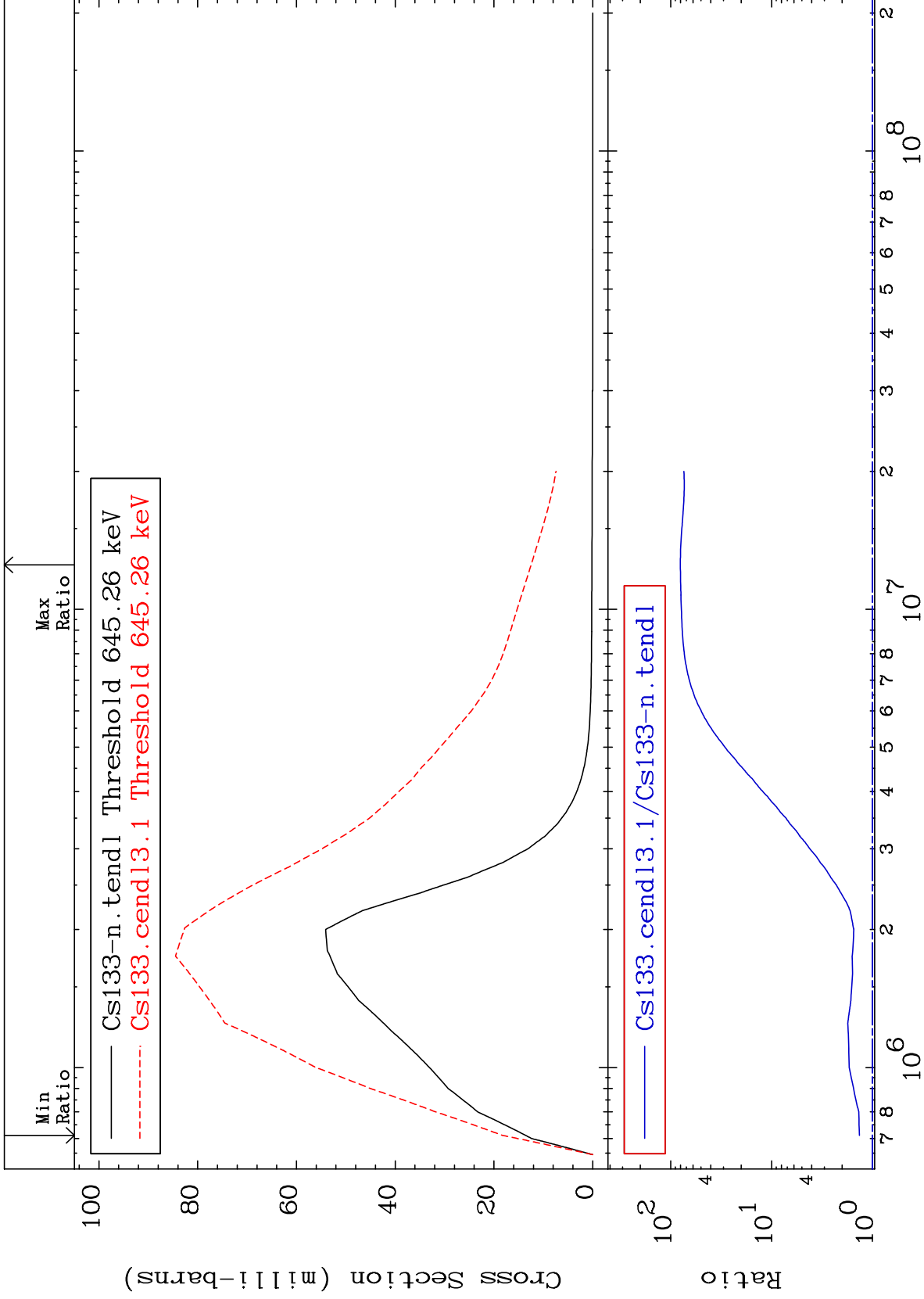
12

55-Cs-133

MAT 5525

640.4 keV (n,n') Level
Cross Section

55-Cs-133
34.63 To 7919. %



13

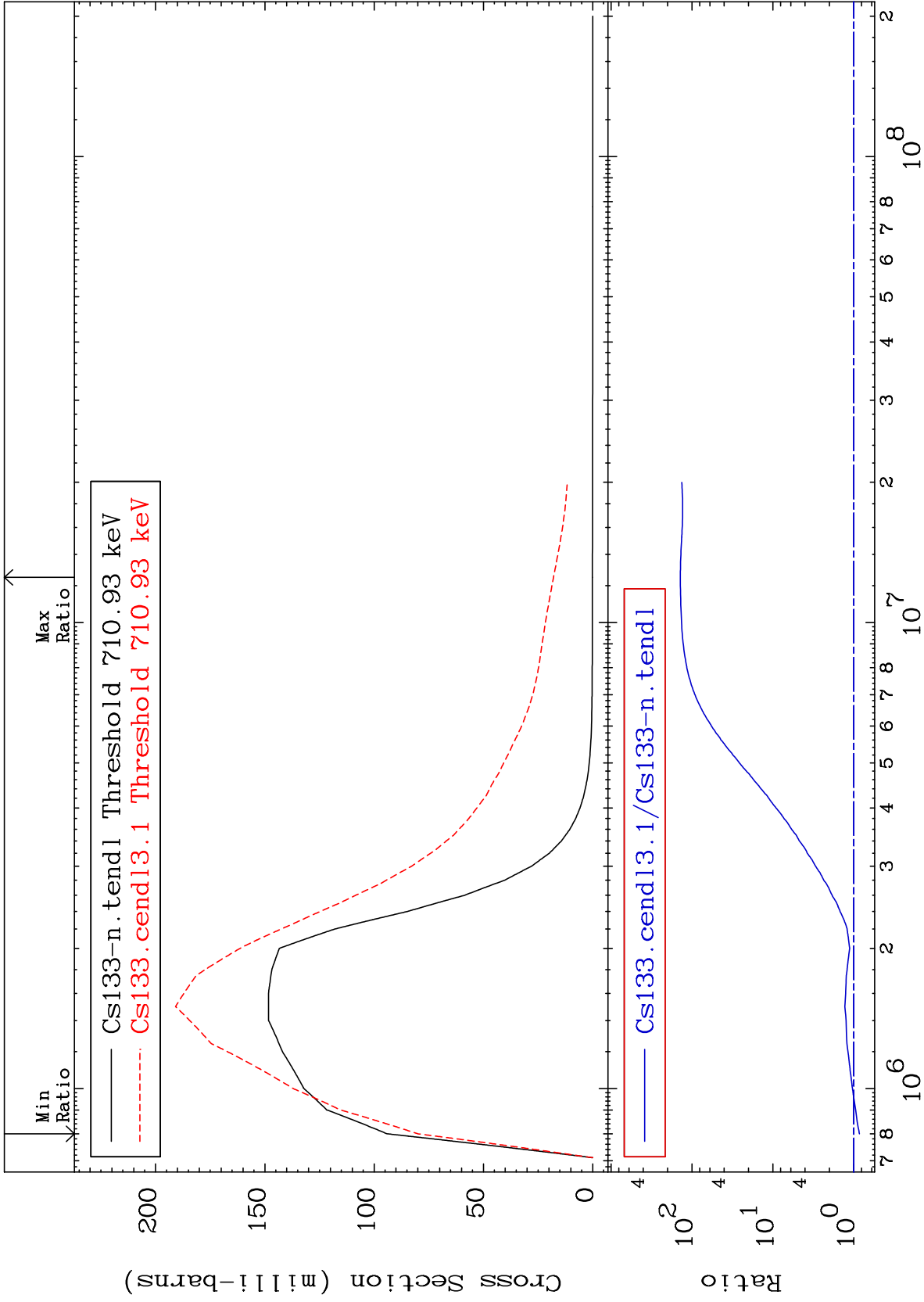
Incident Energy (eV)

55-Cs-133

MAT 5525

705.6 keV (n,n') Level
Cross Section

55-Cs-133
-15.00 To 9999. %



14

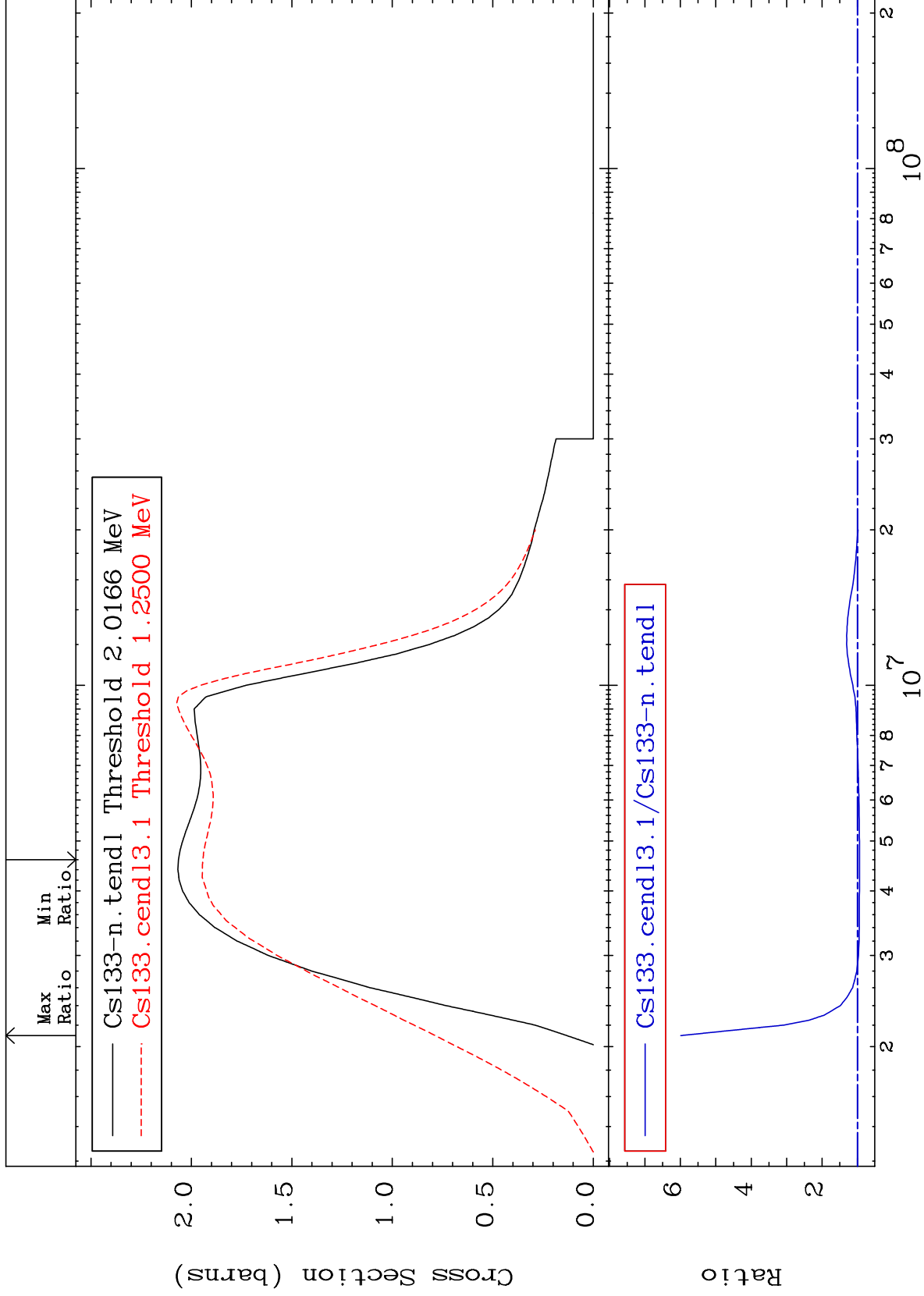
Incident Energy (eV)

55-Cs-133

MAT 5525

(n, n') Continuum
Cross Section

55-Cs-133
-5.915 To 498.9 %



15

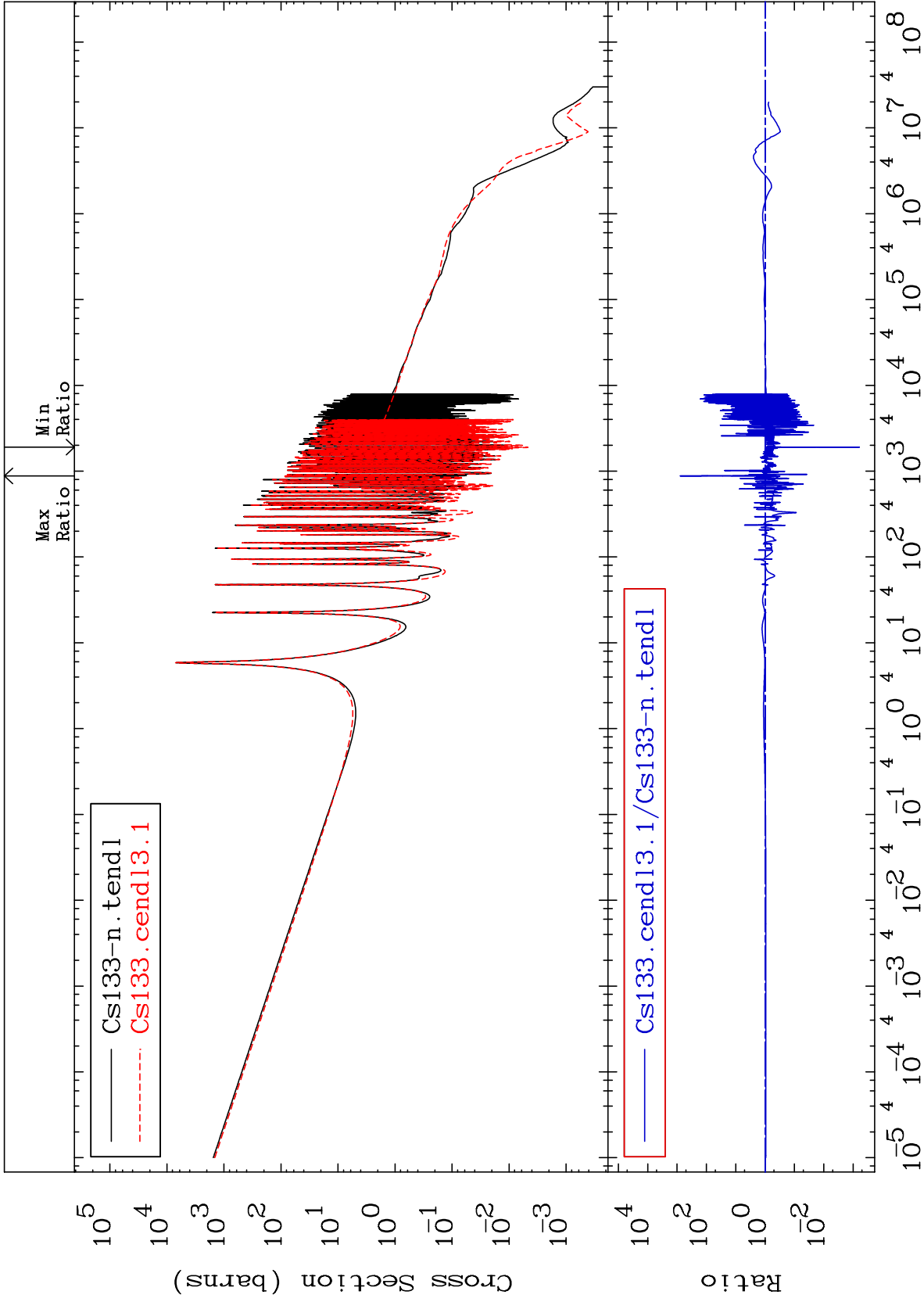
Incident Energy (eV)

55-Cs-133

MAT 5525

(n, γ)
Cross Section

55-Cs-133
-99.94 To 9999. %



16

Incident Energy (eV)

55-Cs-133

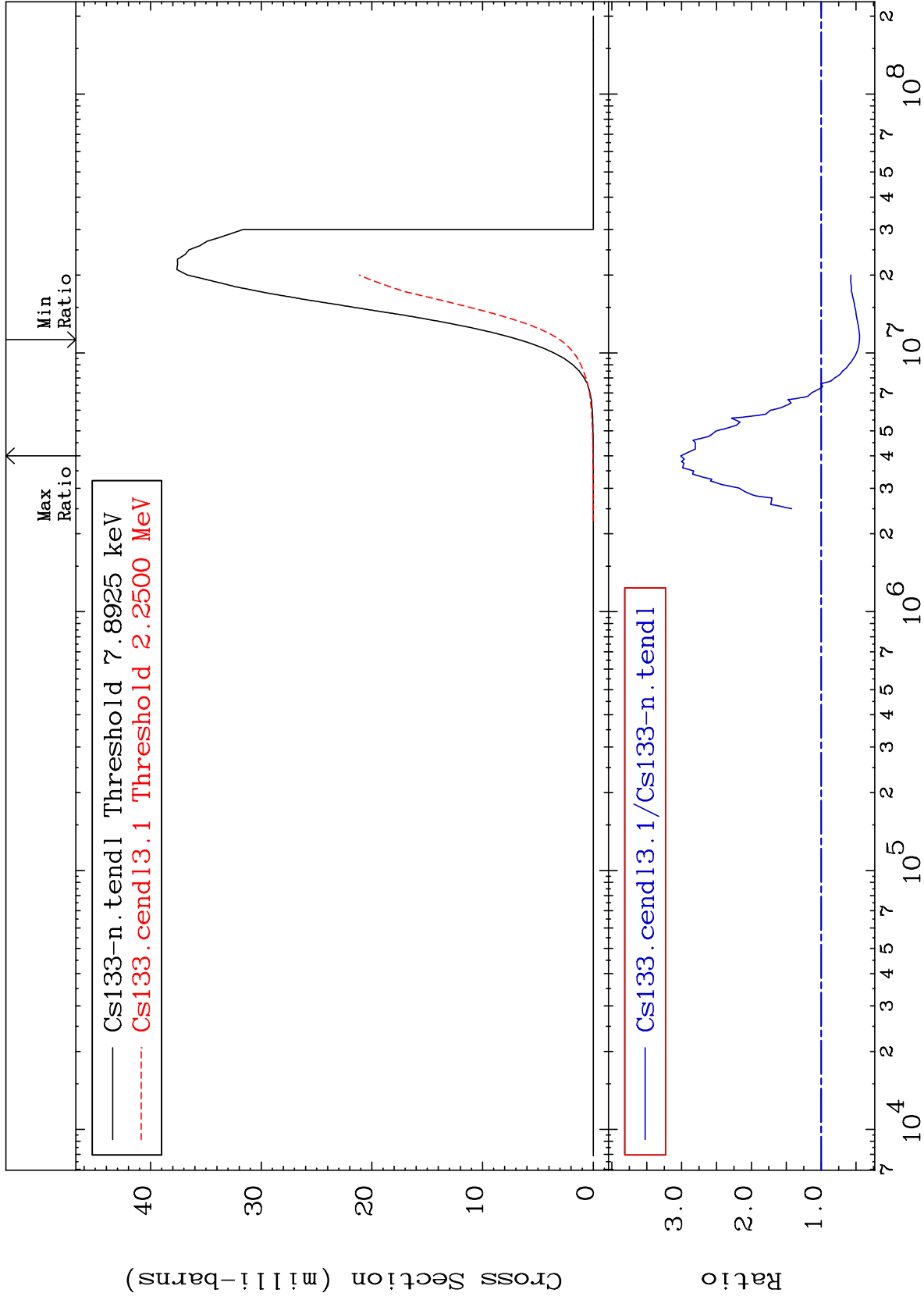
MAT 5525

(n,p)

55-Cs-133

Cross Section

-54.94 To 201.2 %



17

Incident Energy (eV)

55-Cs-133

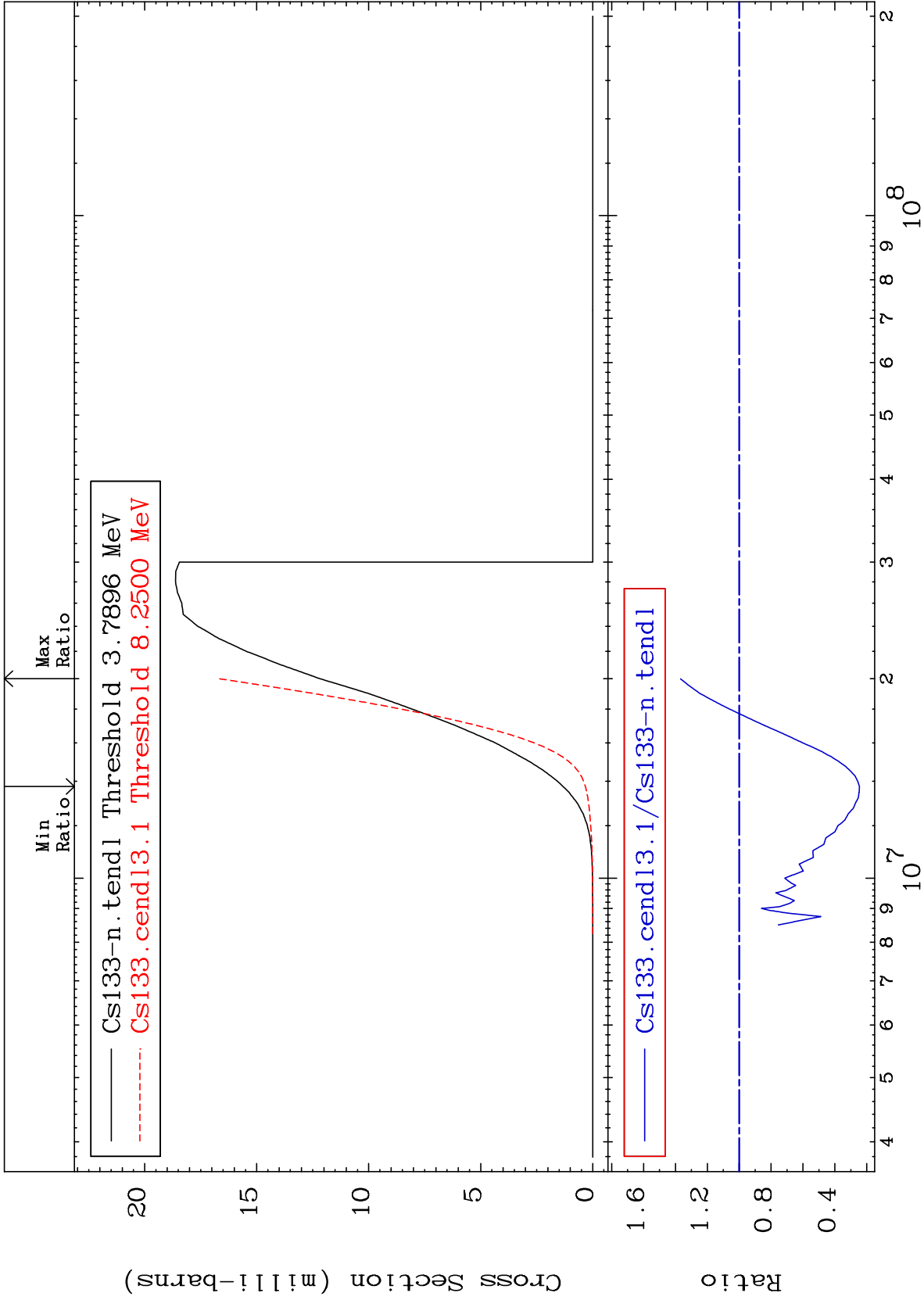
MAT 5525

(n, d)

55-Cs-133

Cross Section

-75.41 To 36.92 %



18

Incident Energy (eV)

55-Cs-133

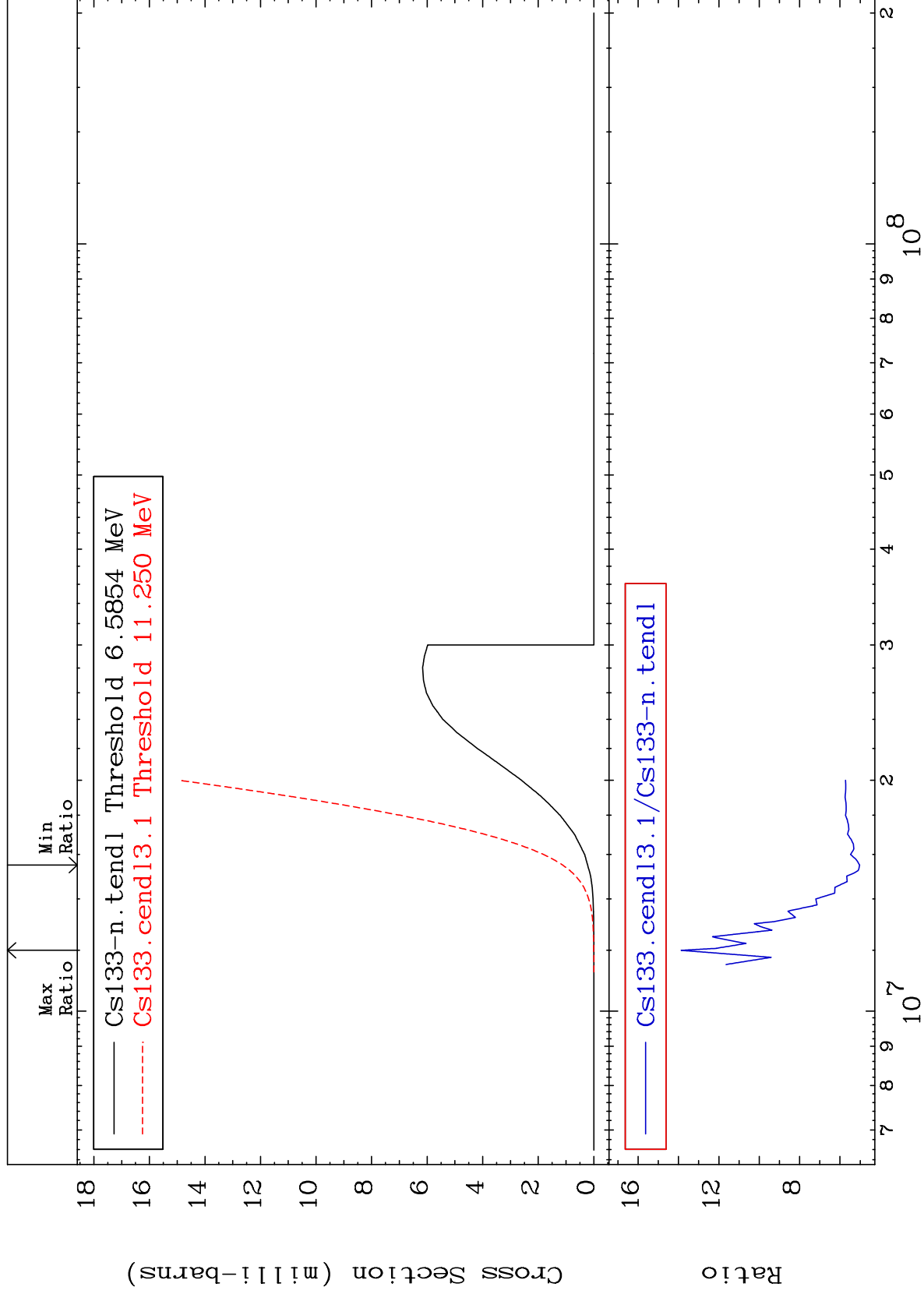
MAT 5525

(n, t)

55-Cs-133

Cross Section

402.7 To 1287. %



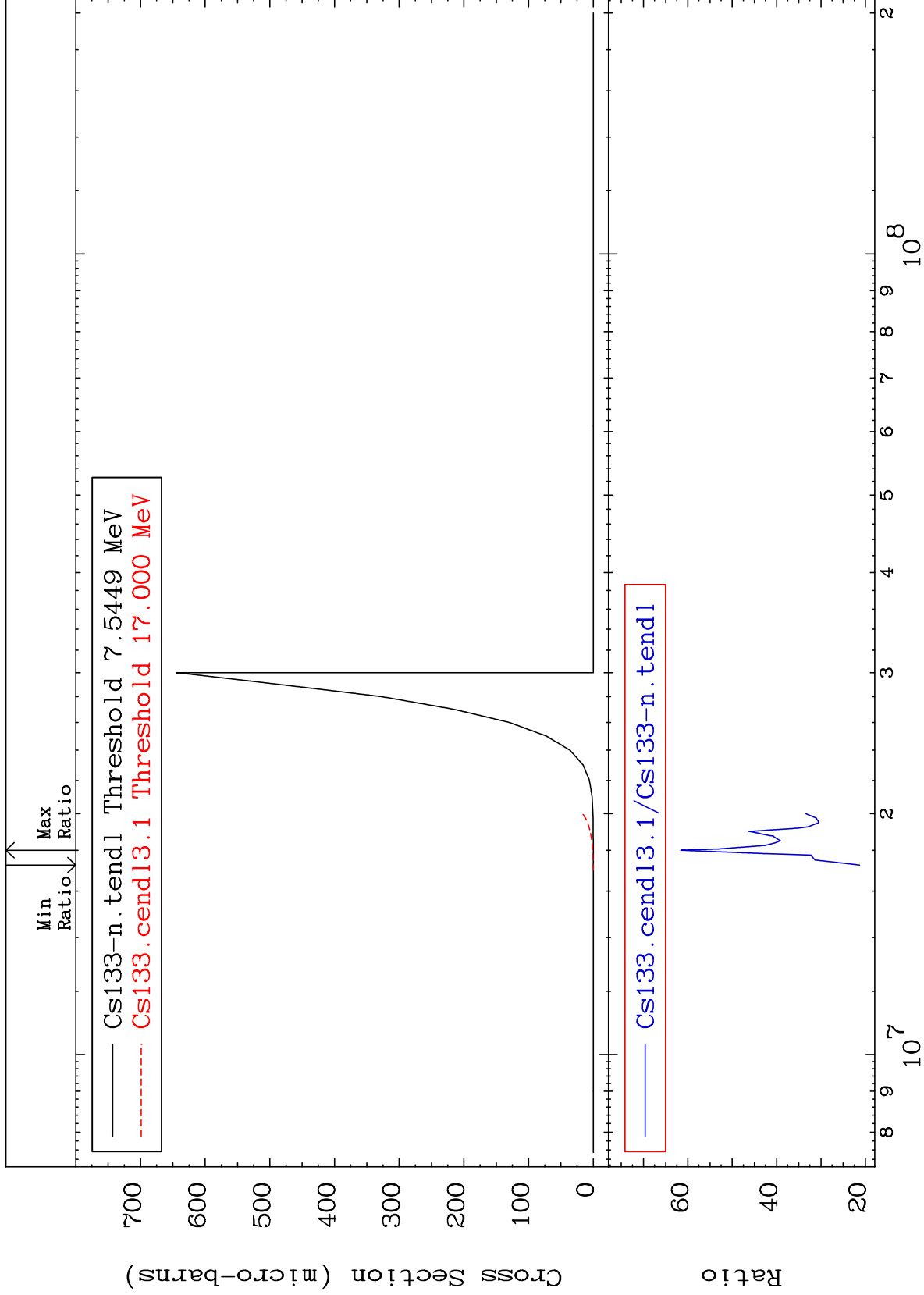
19

55-Cs-133

MAT 5525

(n, He-3)
Cross Section

55-Cs-133
2031. To 6059. %



20

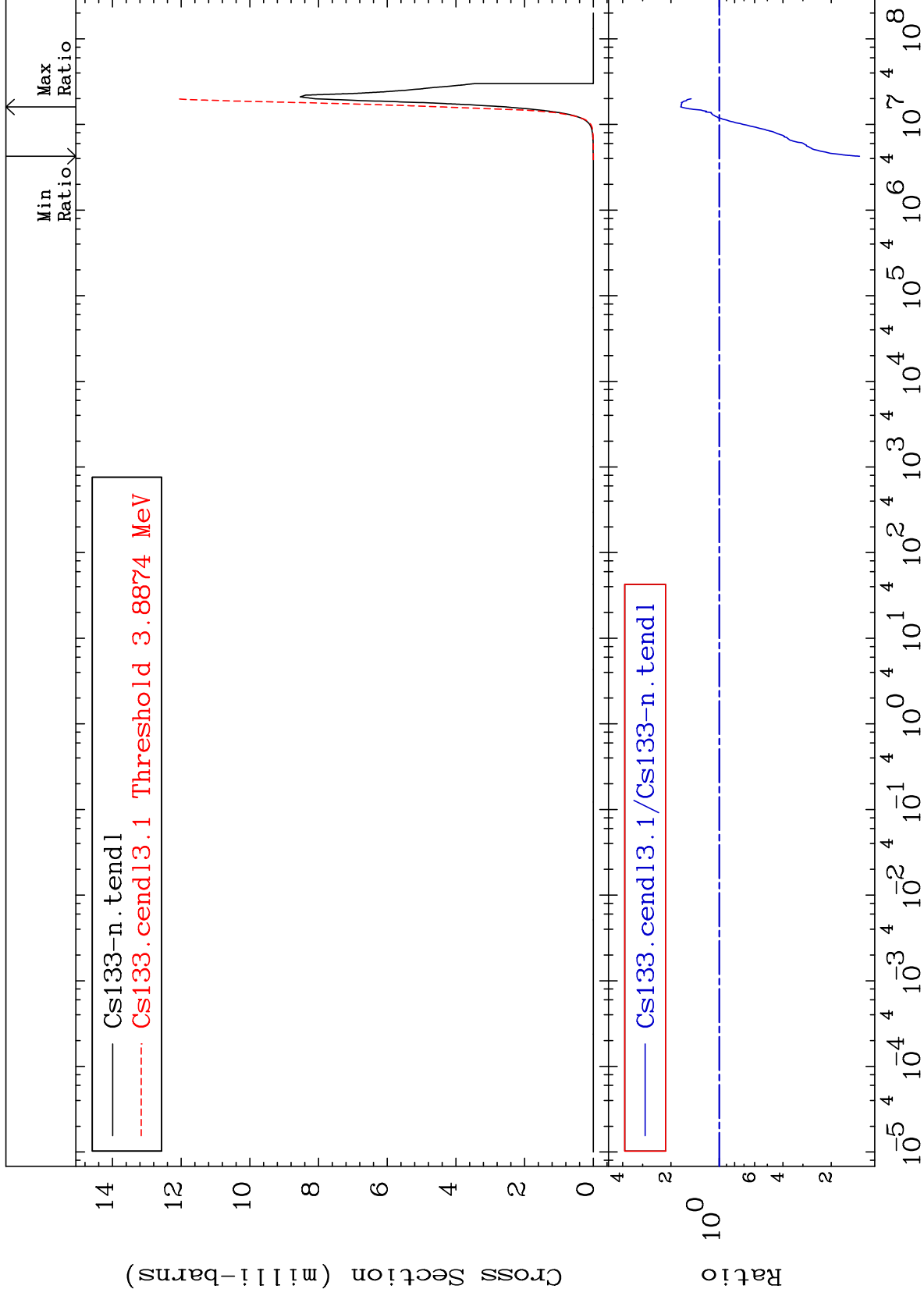
Incident Energy (eV)

55-Cs-133

MAT 5525

(n, α)
Cross Section

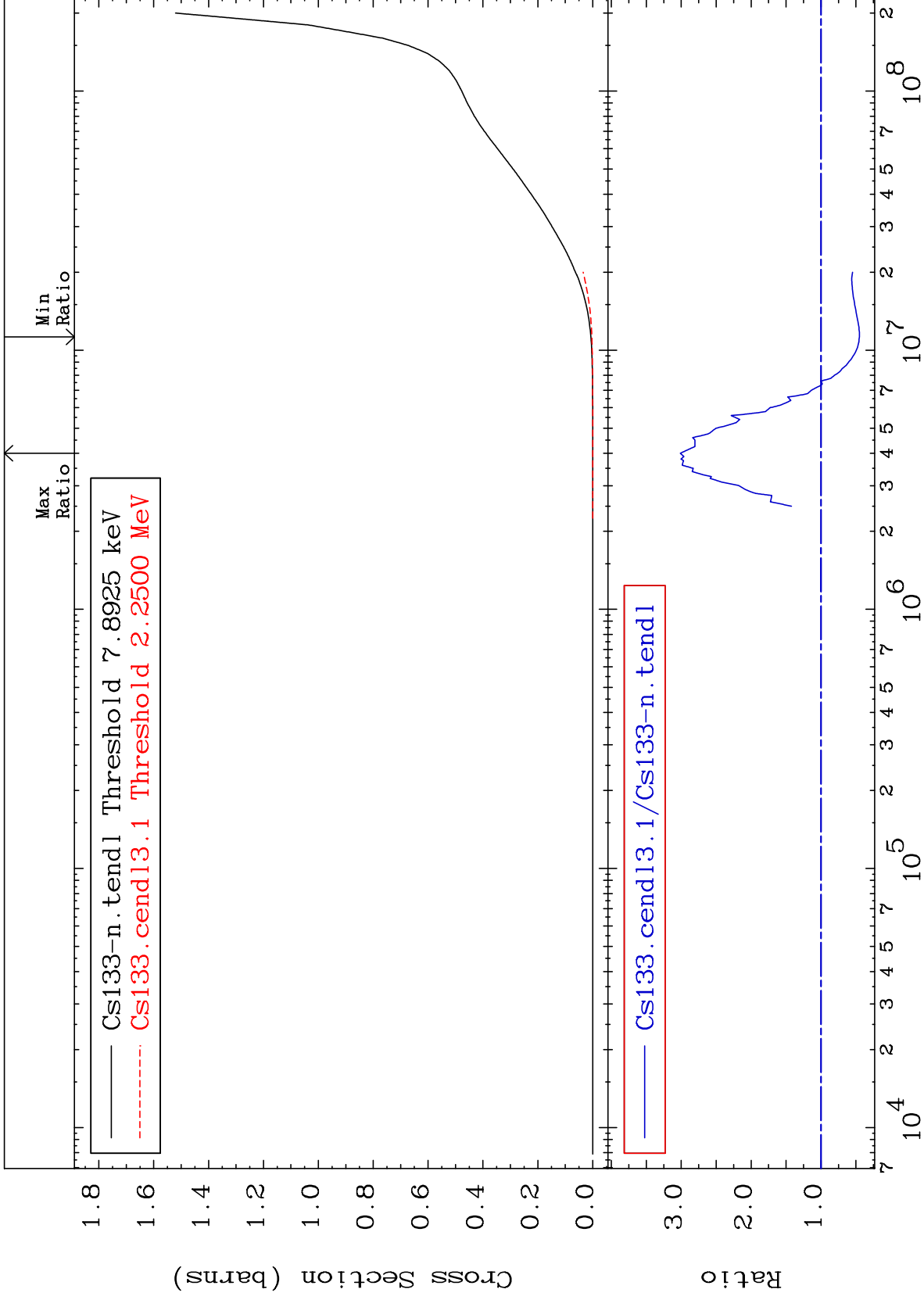
55-Cs-133
-86.68 To 73.55 %

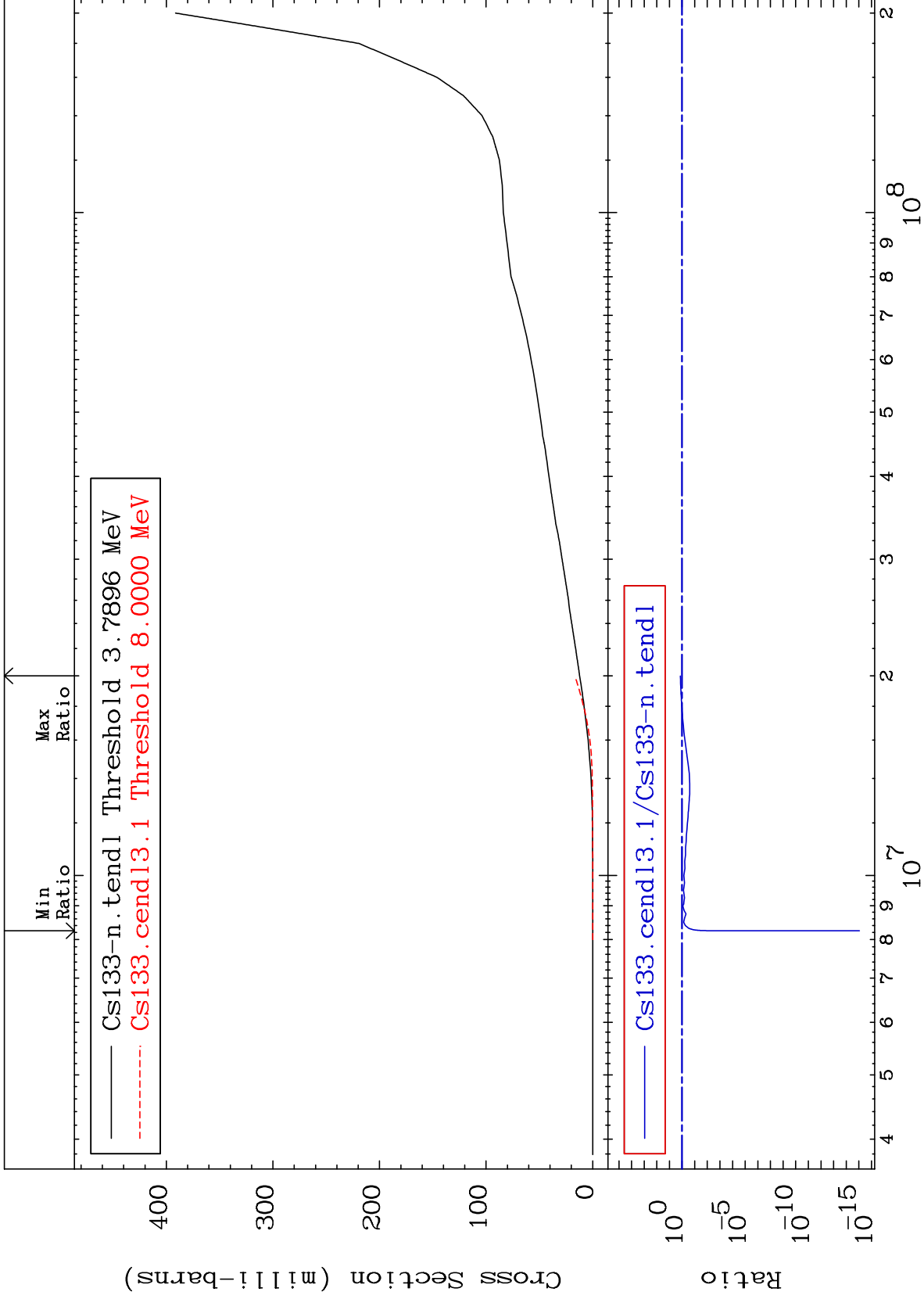


21

Incident Energy (eV)

55-Cs-133

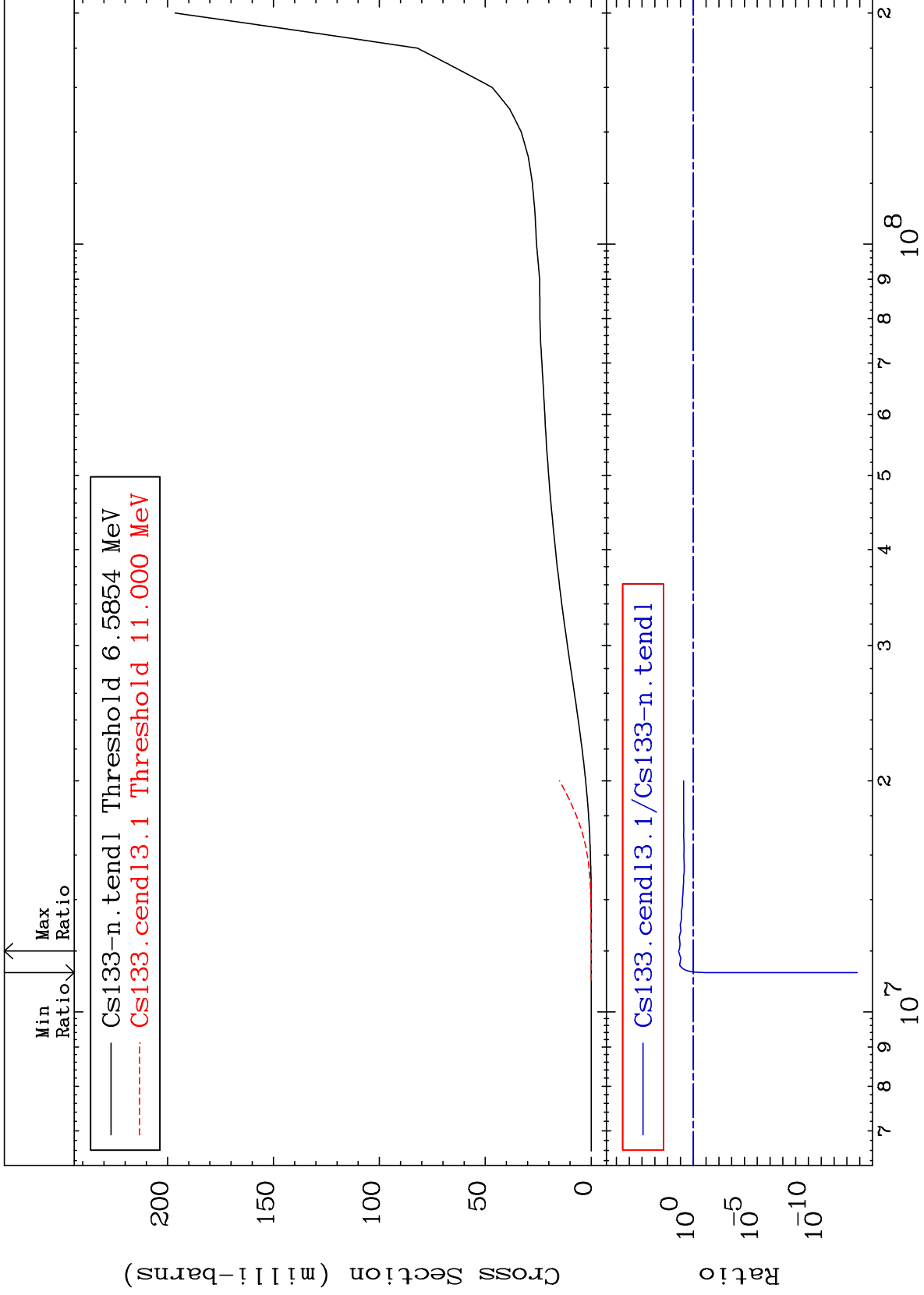




MAT 5525

Tritium Production
Cross Section

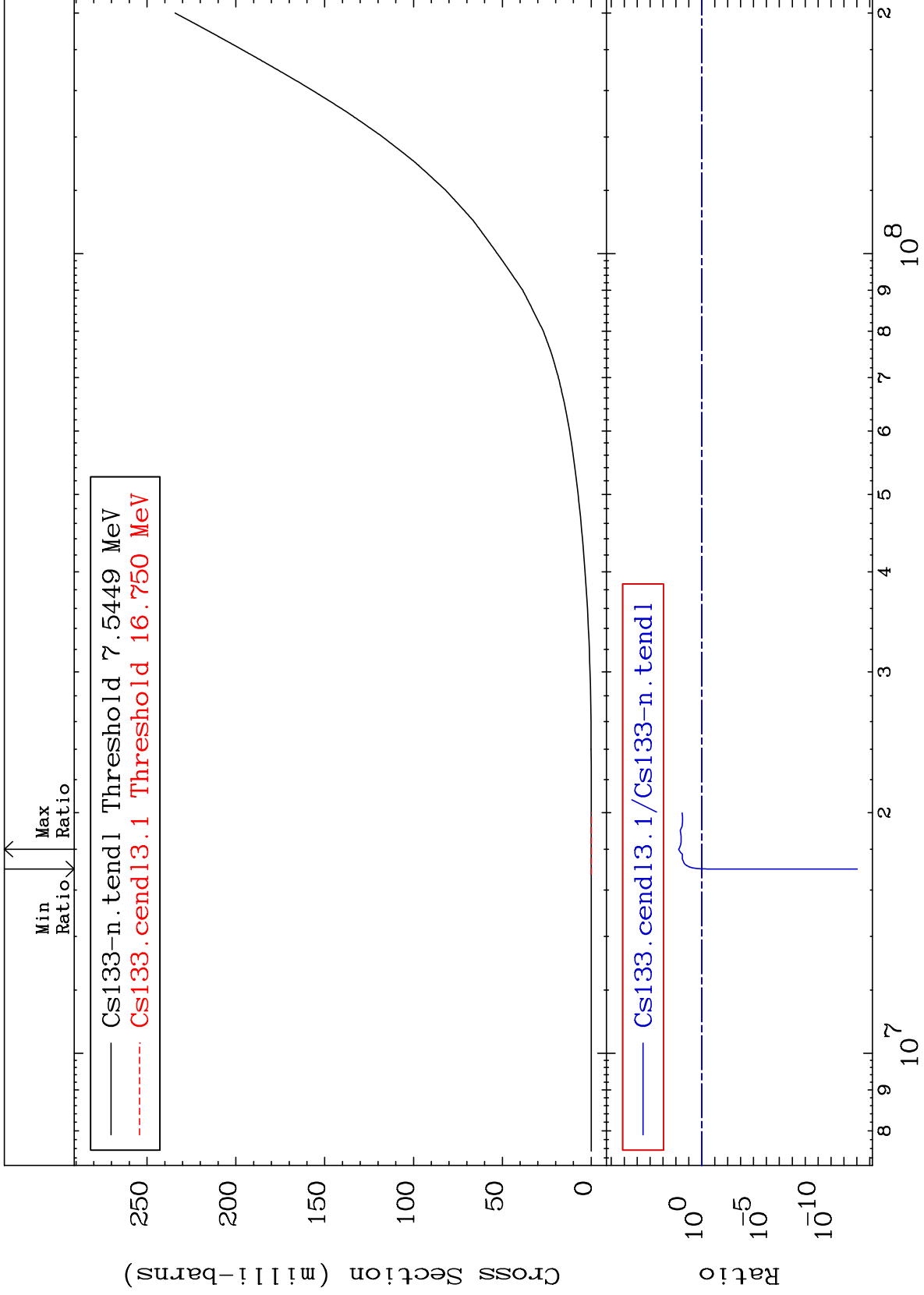
55-Cs-133
-100.0 To 1287. %



MAT 5525

He-3 Production
Cross Section

55-Cs-133
-100.0 To 6059. %



25

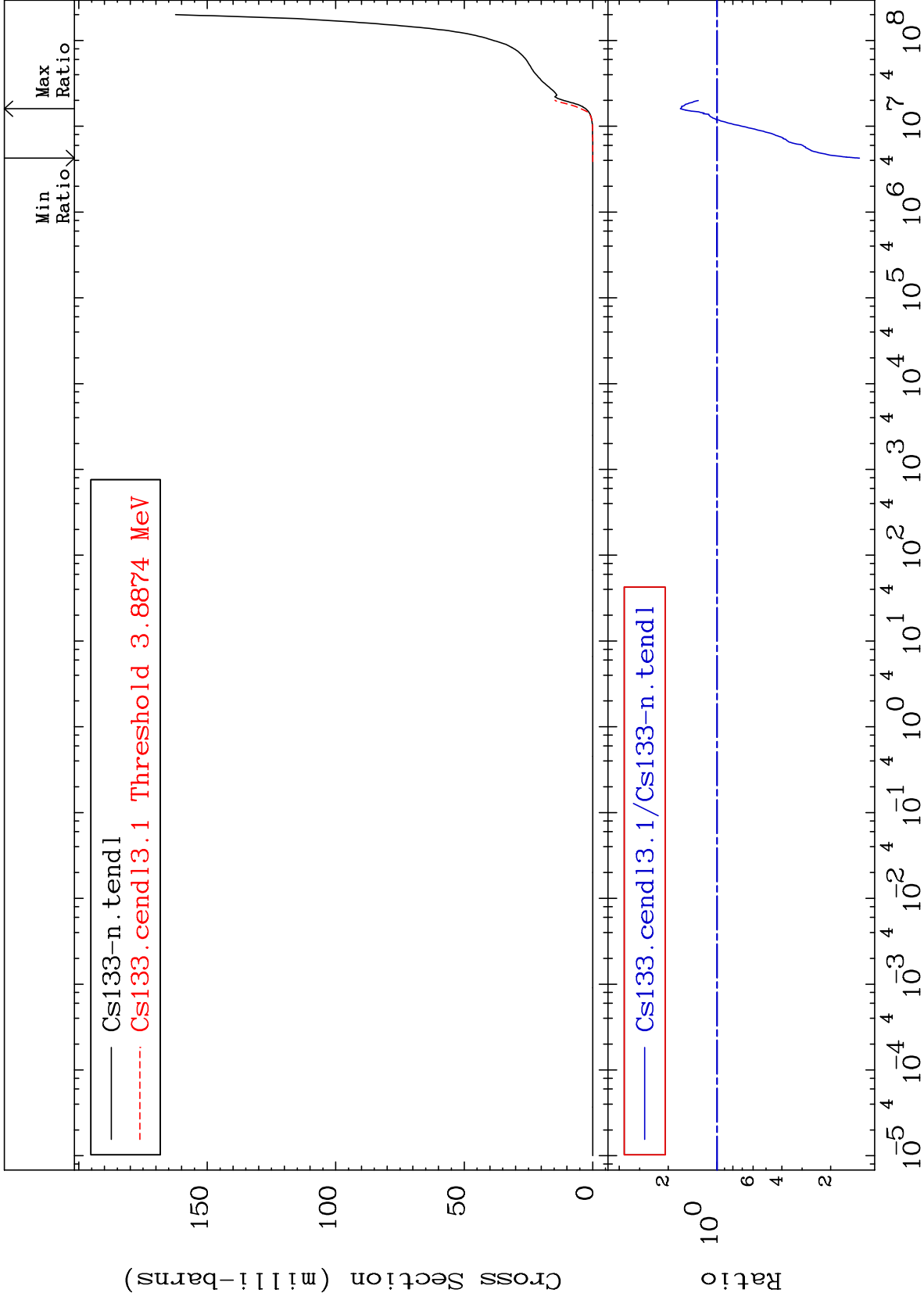
Incident Energy (eV)

55-Cs-133

MAT 5525

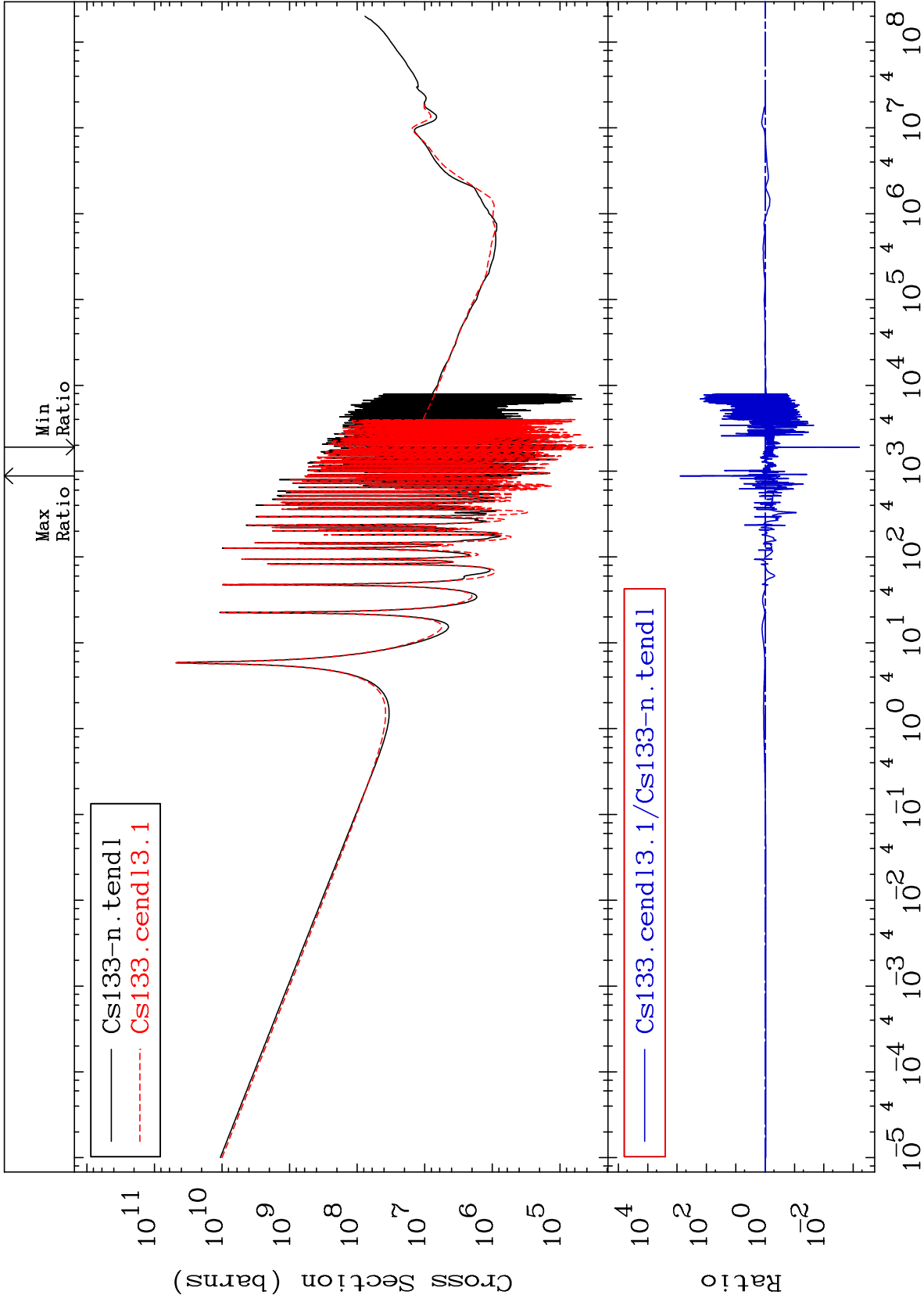
He-4 Production
Cross Section

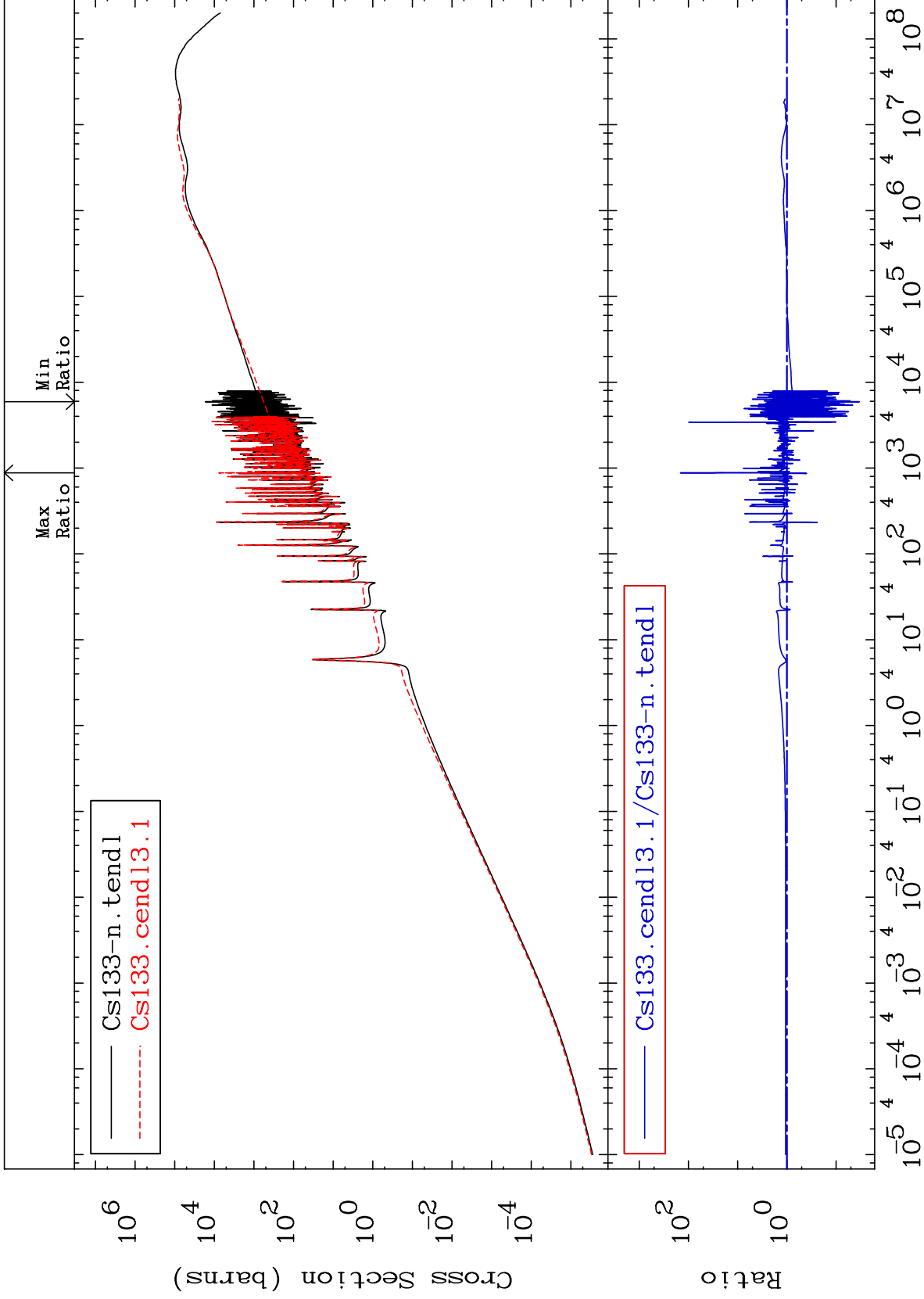
55-Cs-133
-86.68 To 68.32 %

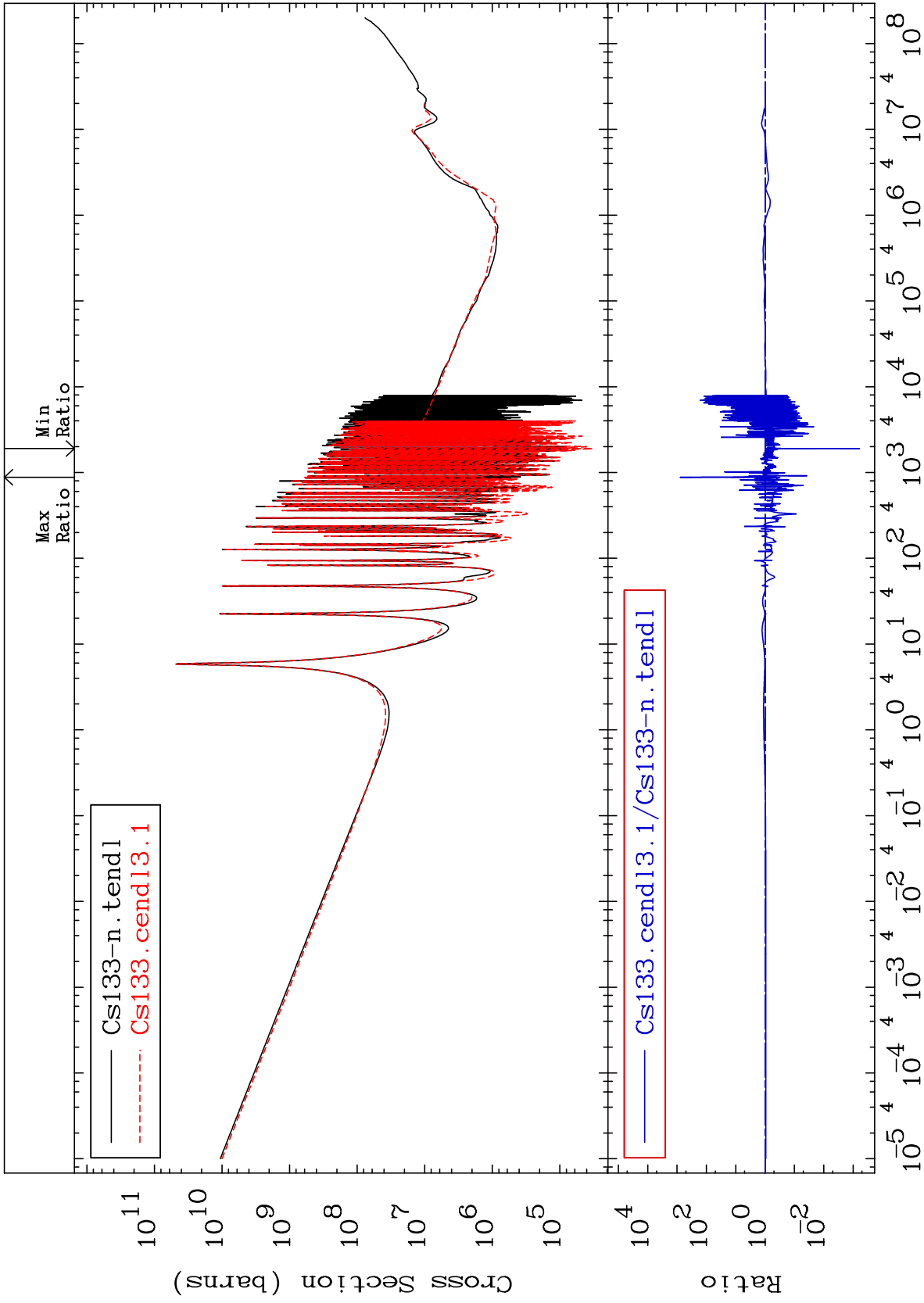


Cross Section

-99.94 To 9999. %



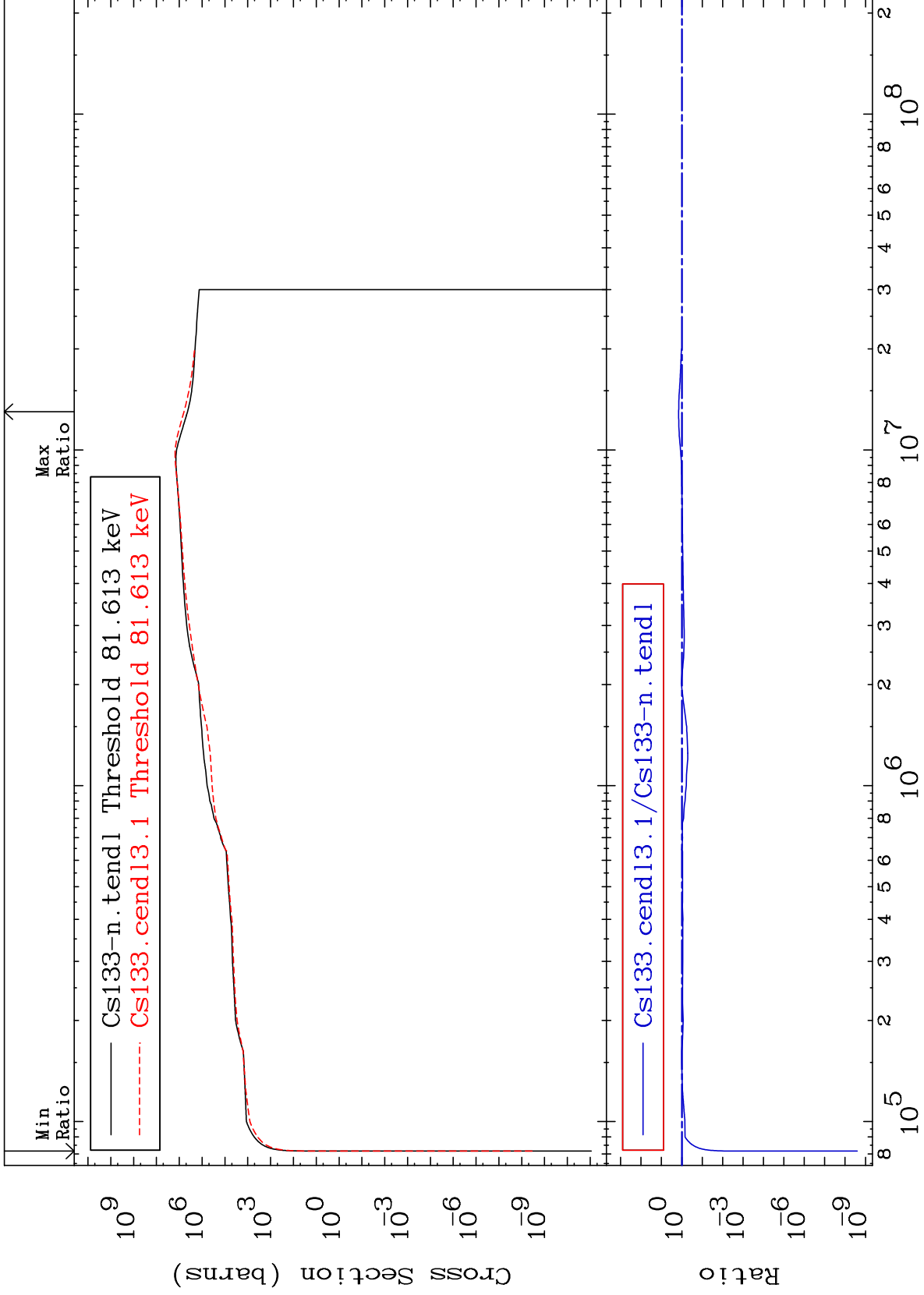




MAT 5525

Kerma inelastic (mt51-91)
Cross Section

55-Cs-133
-100.0 To 43.19 %



30

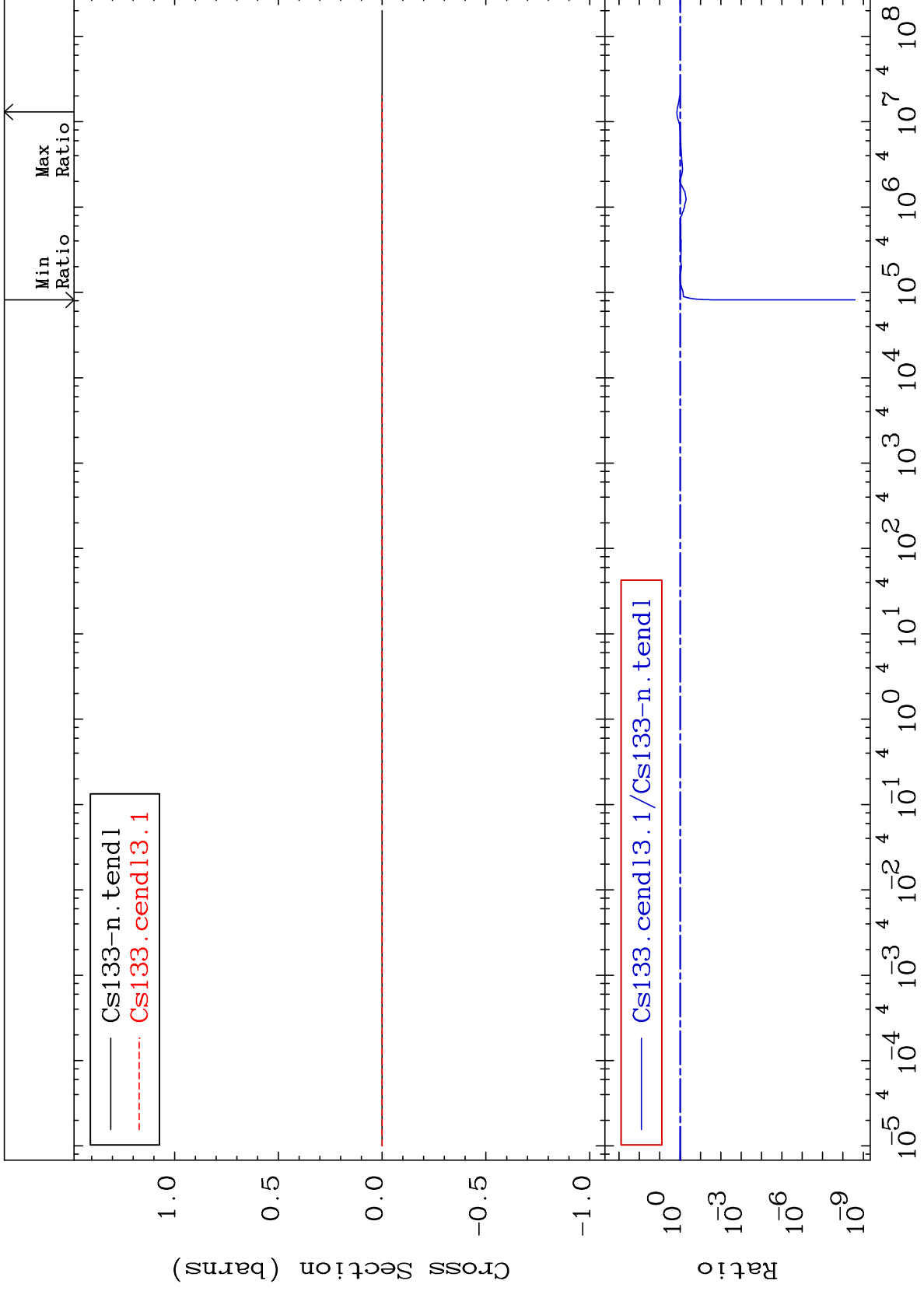
Incident Energy (eV)

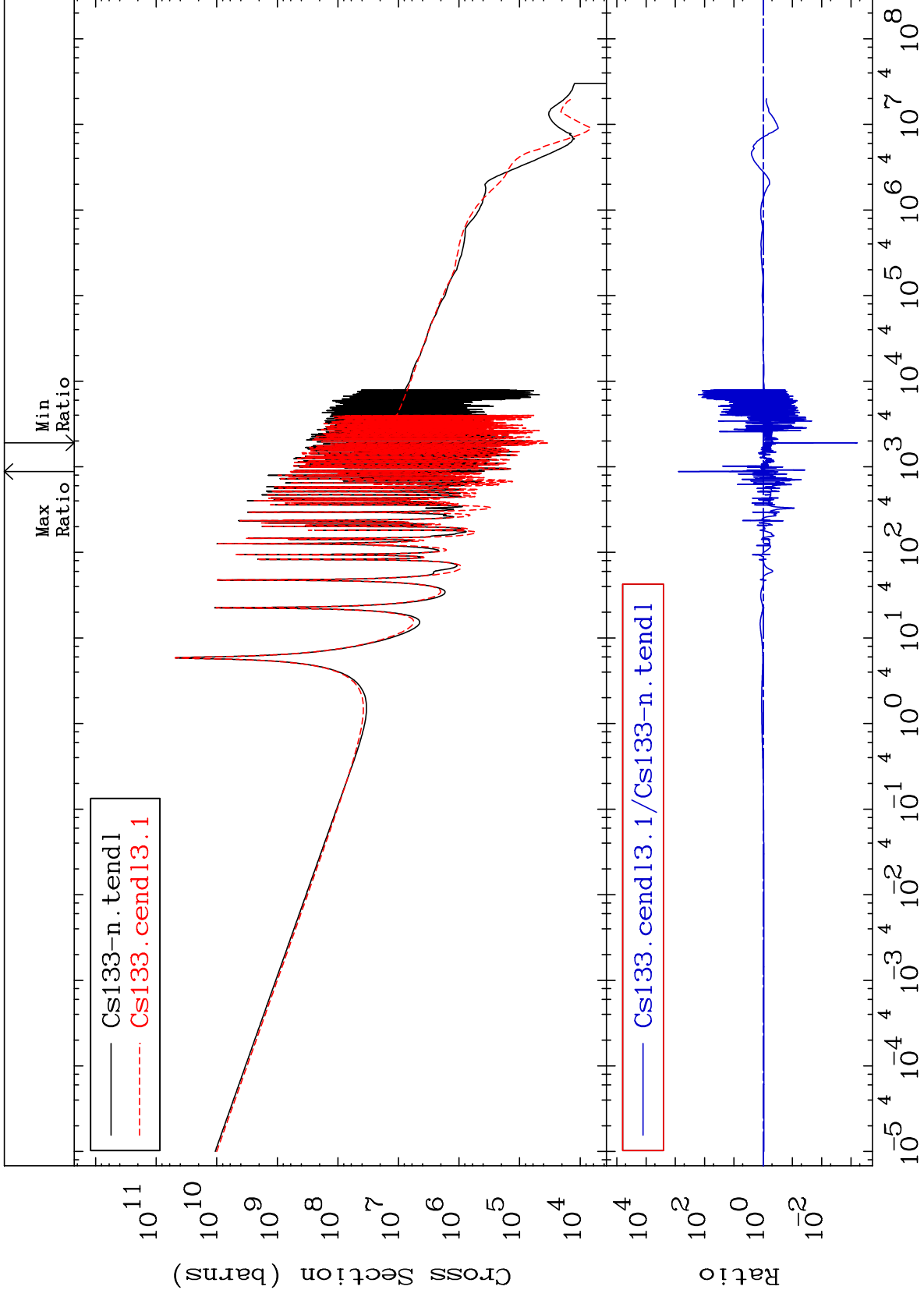
55-Cs-133

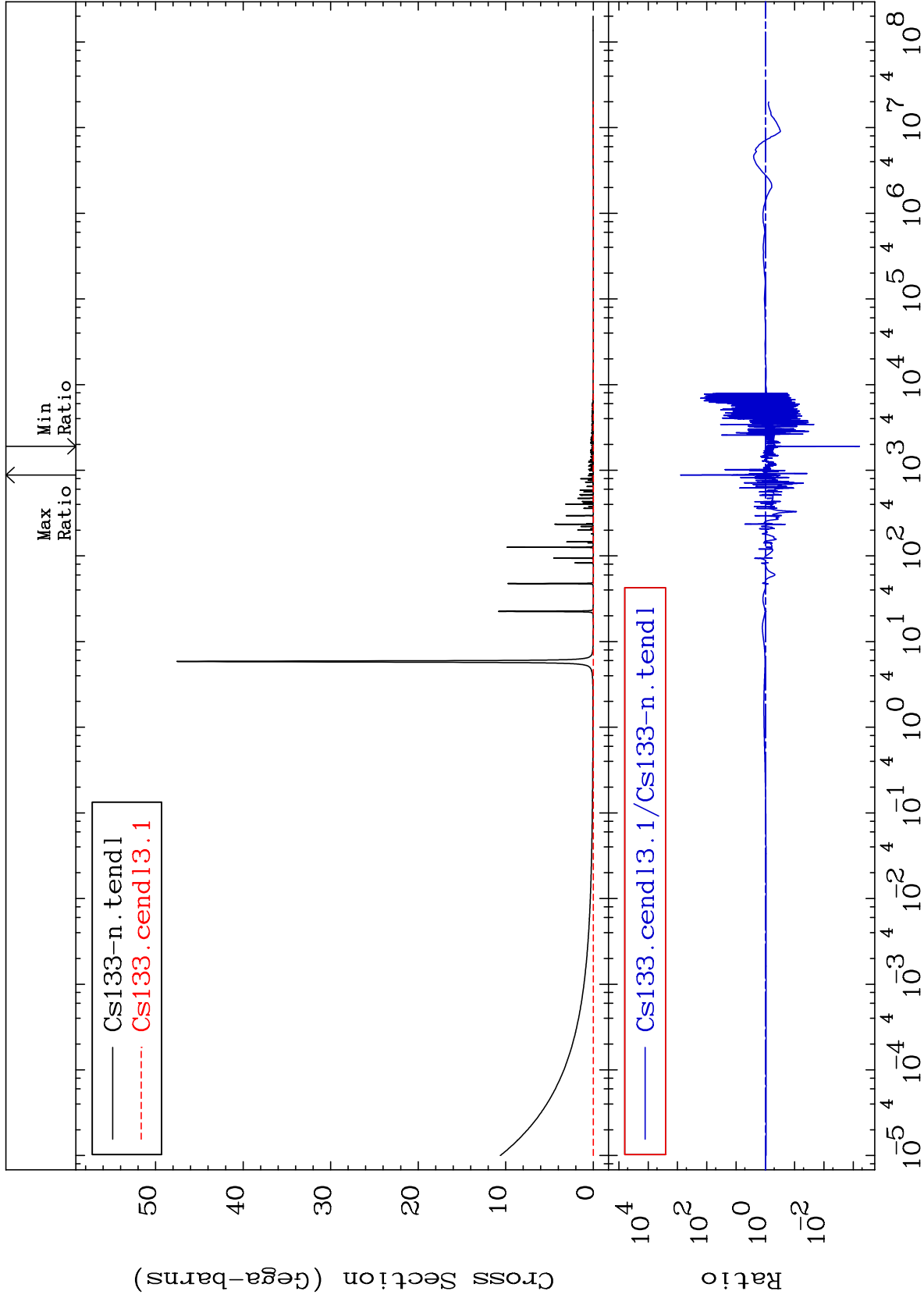
MAT 5525

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

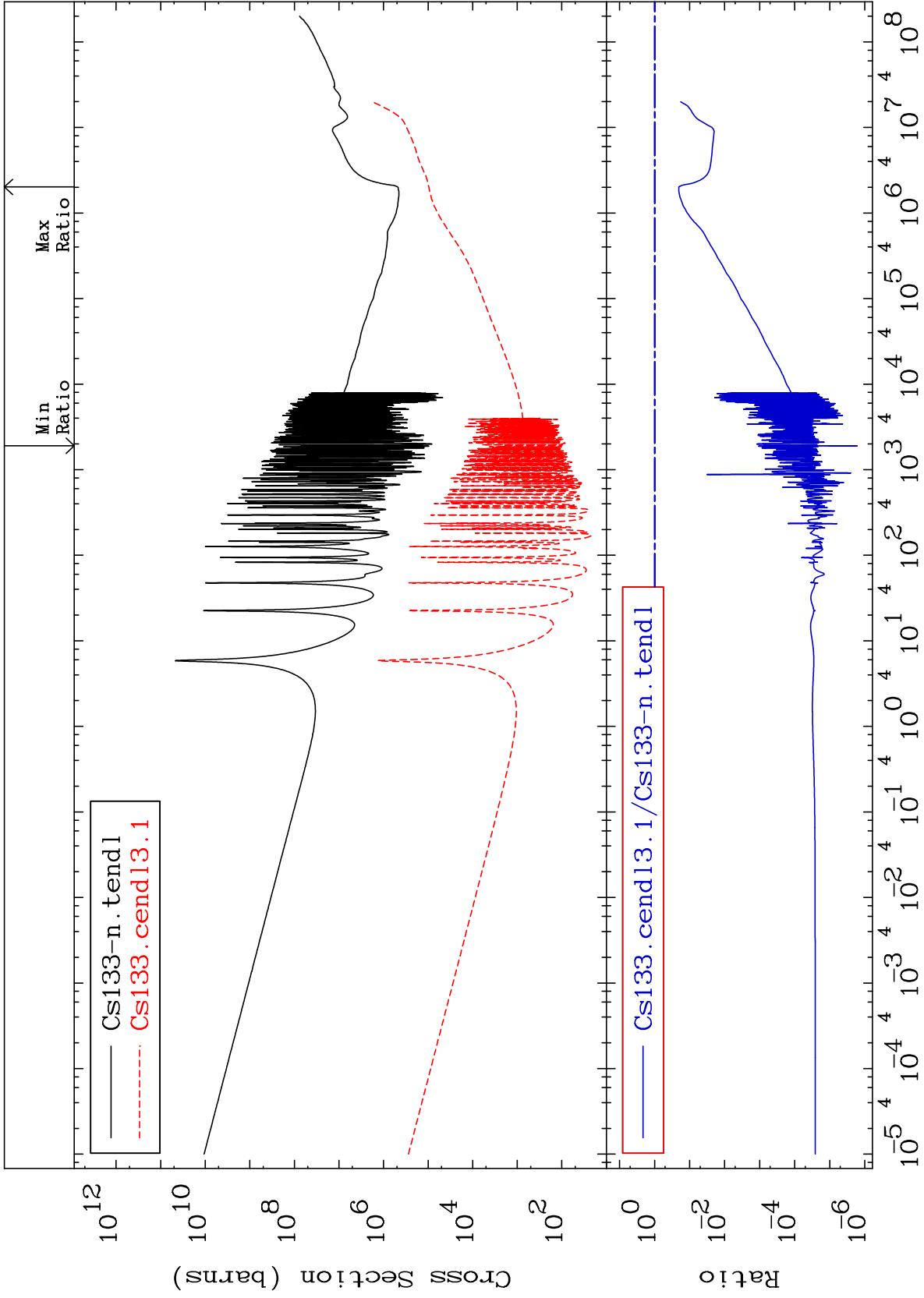
55-Cs-133
-100.0 To 43.19 %

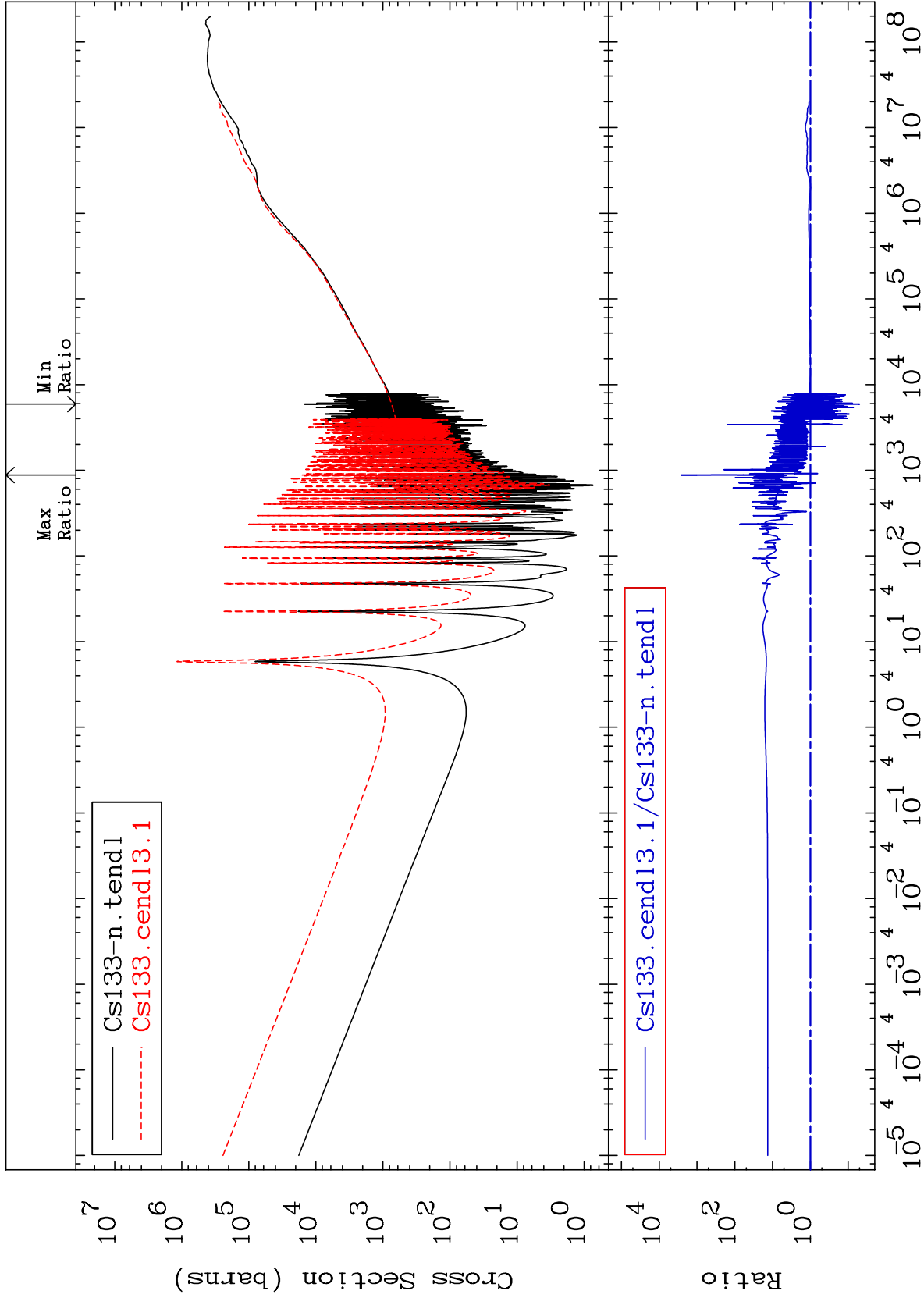






Incident Energy (eV)

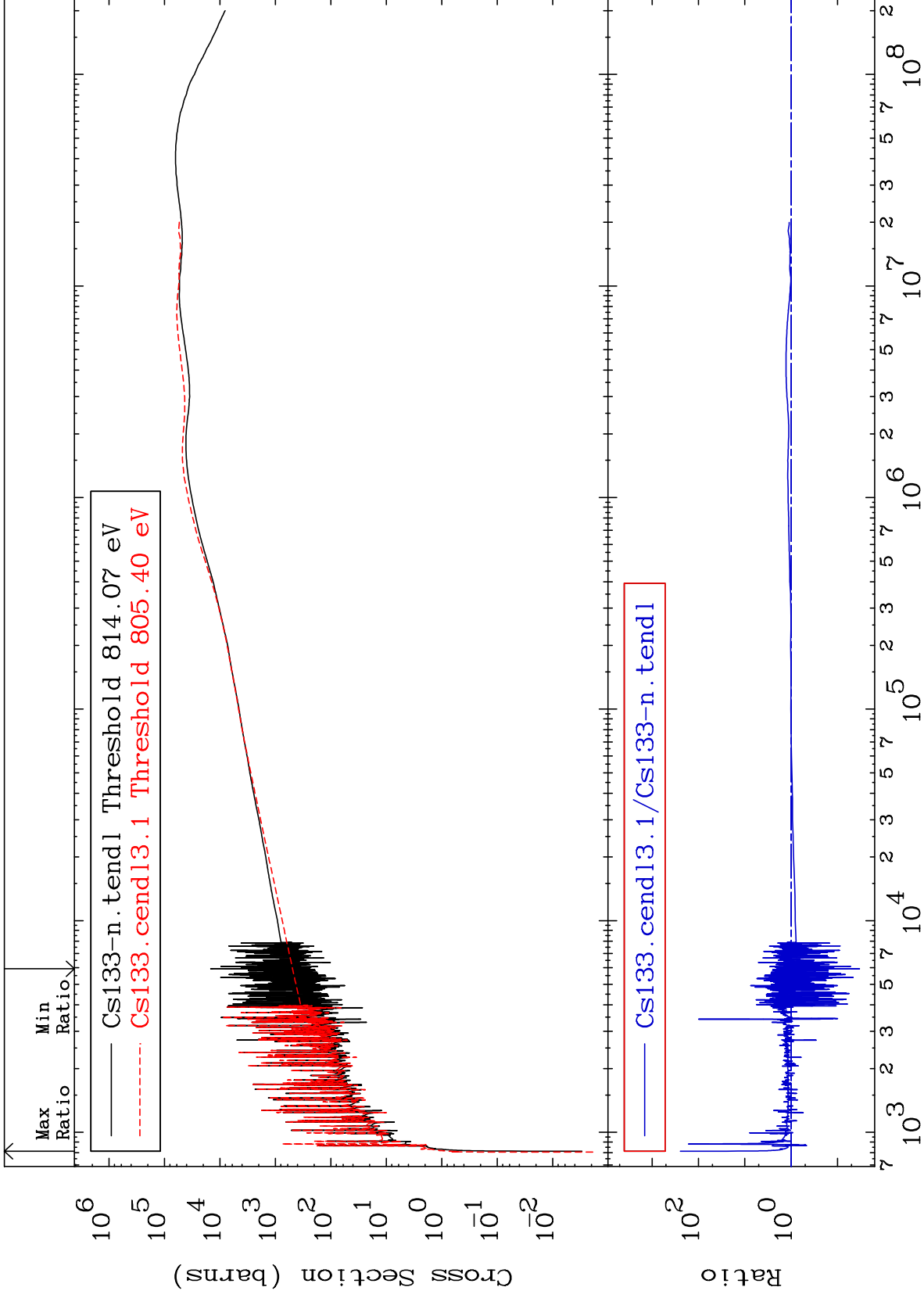




MAT 5525

Dpa elastic (mt2)
Cross Section

55-Cs-133
-96.63 To 9999. %



36

Incident Energy (eV)

55-Cs-133

