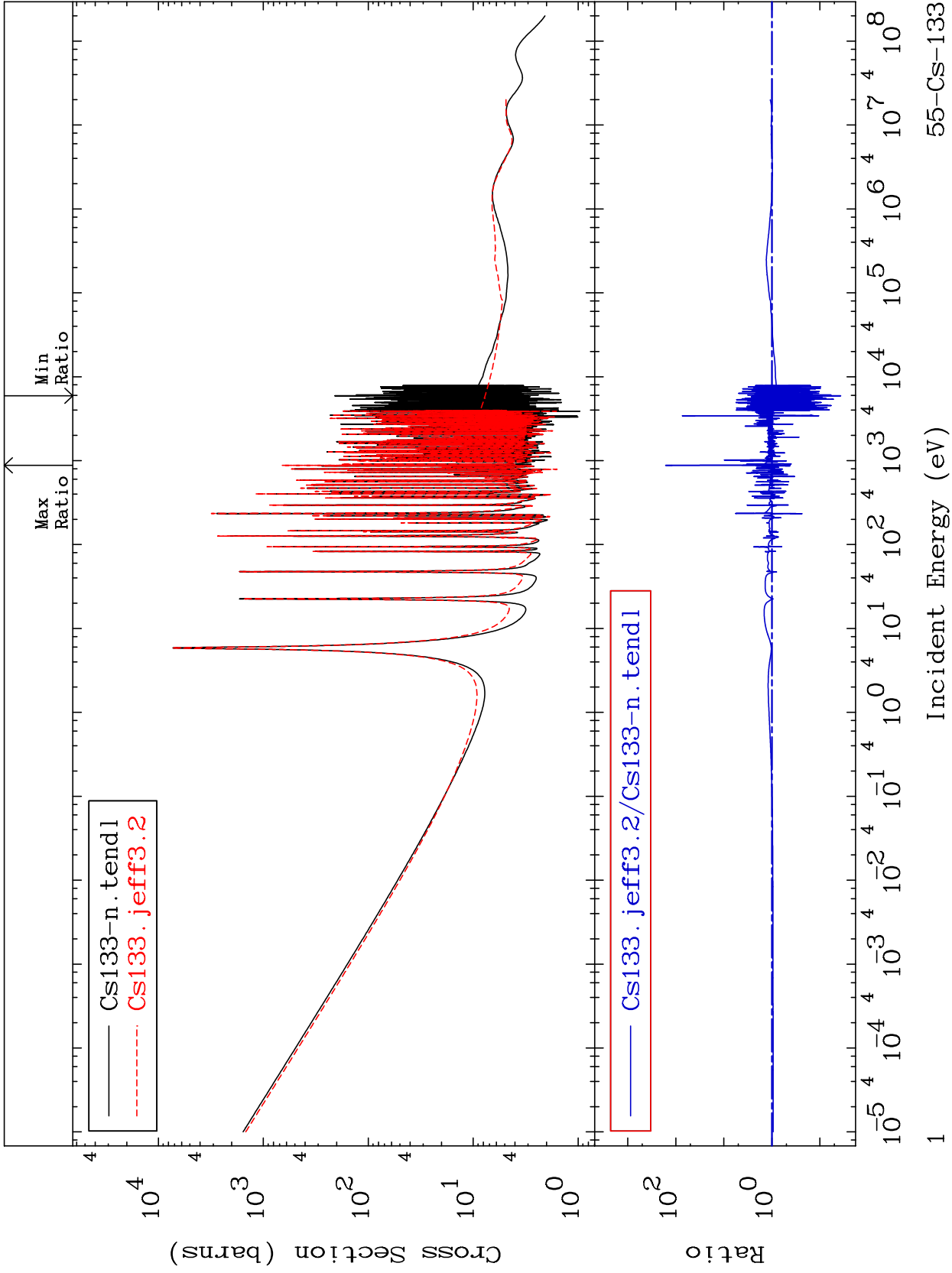


MAT 5525

55-Cs-133

-96.31 To 9999. %

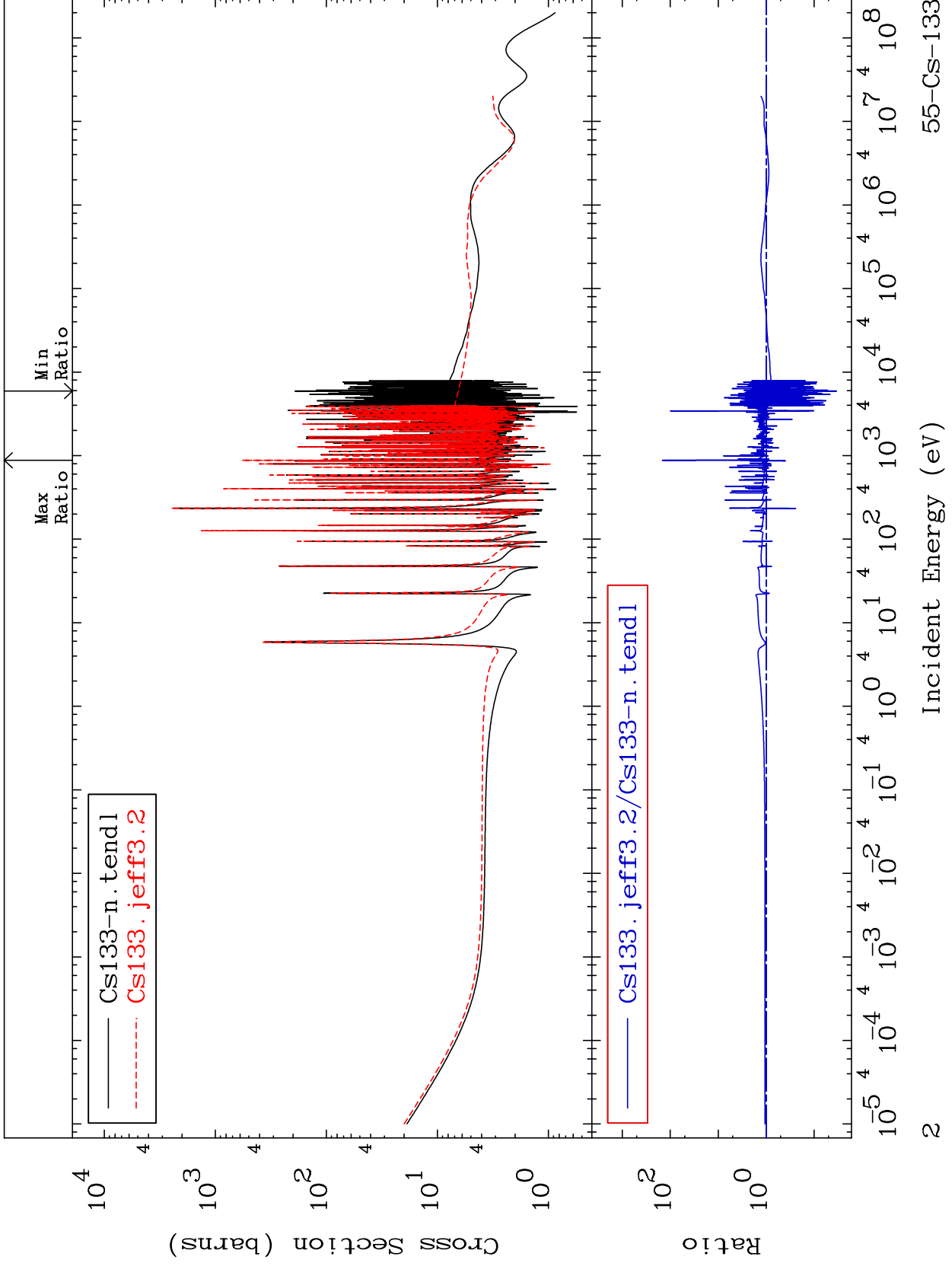
Total
Cross Section



MAT 5525

Elastic
Cross Section

55-Cs-133
-96.61 To 9999. %



55-Cs-133

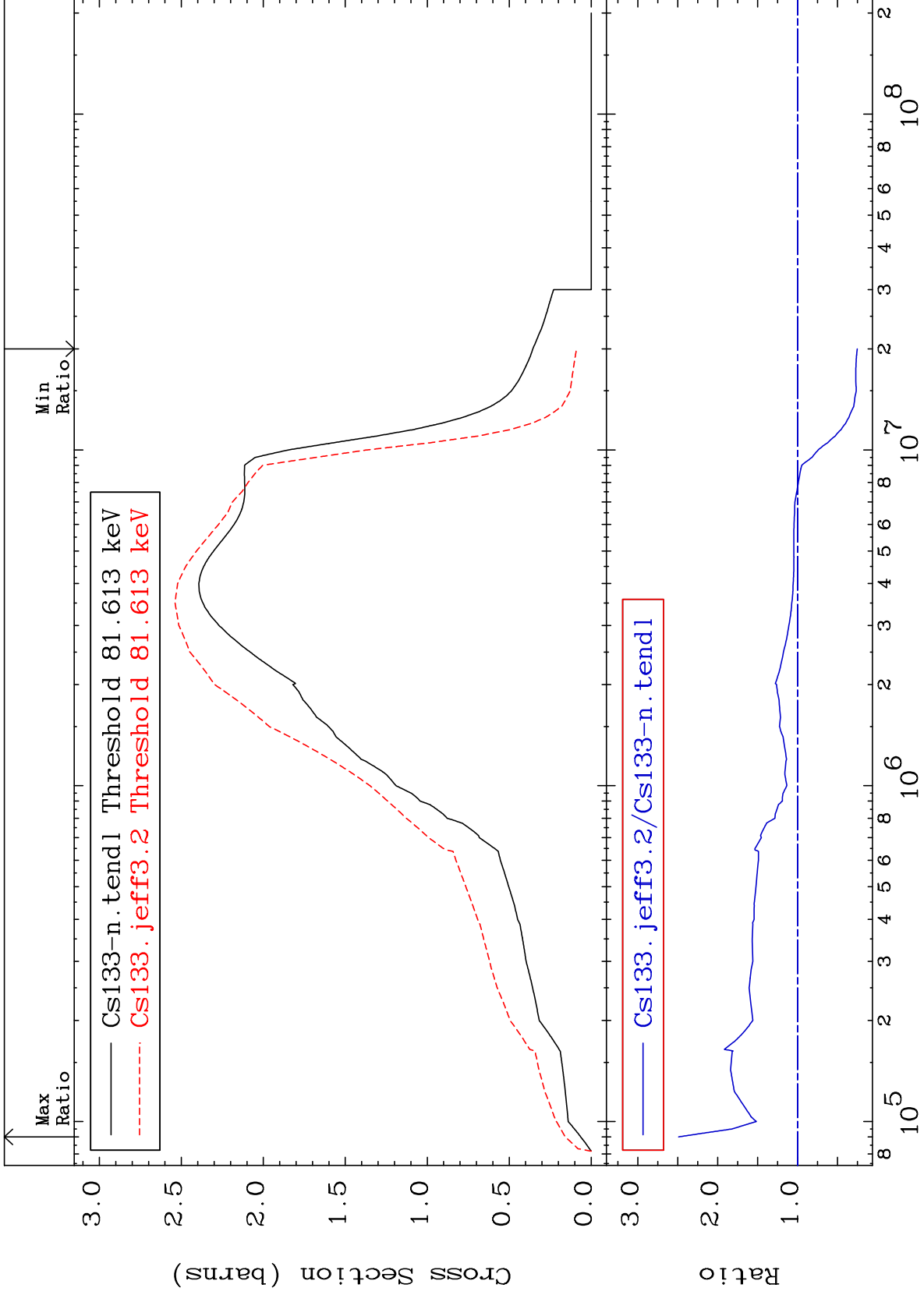
Incident Energy (eV)

2

MAT 5525

Inelastic
Cross Section

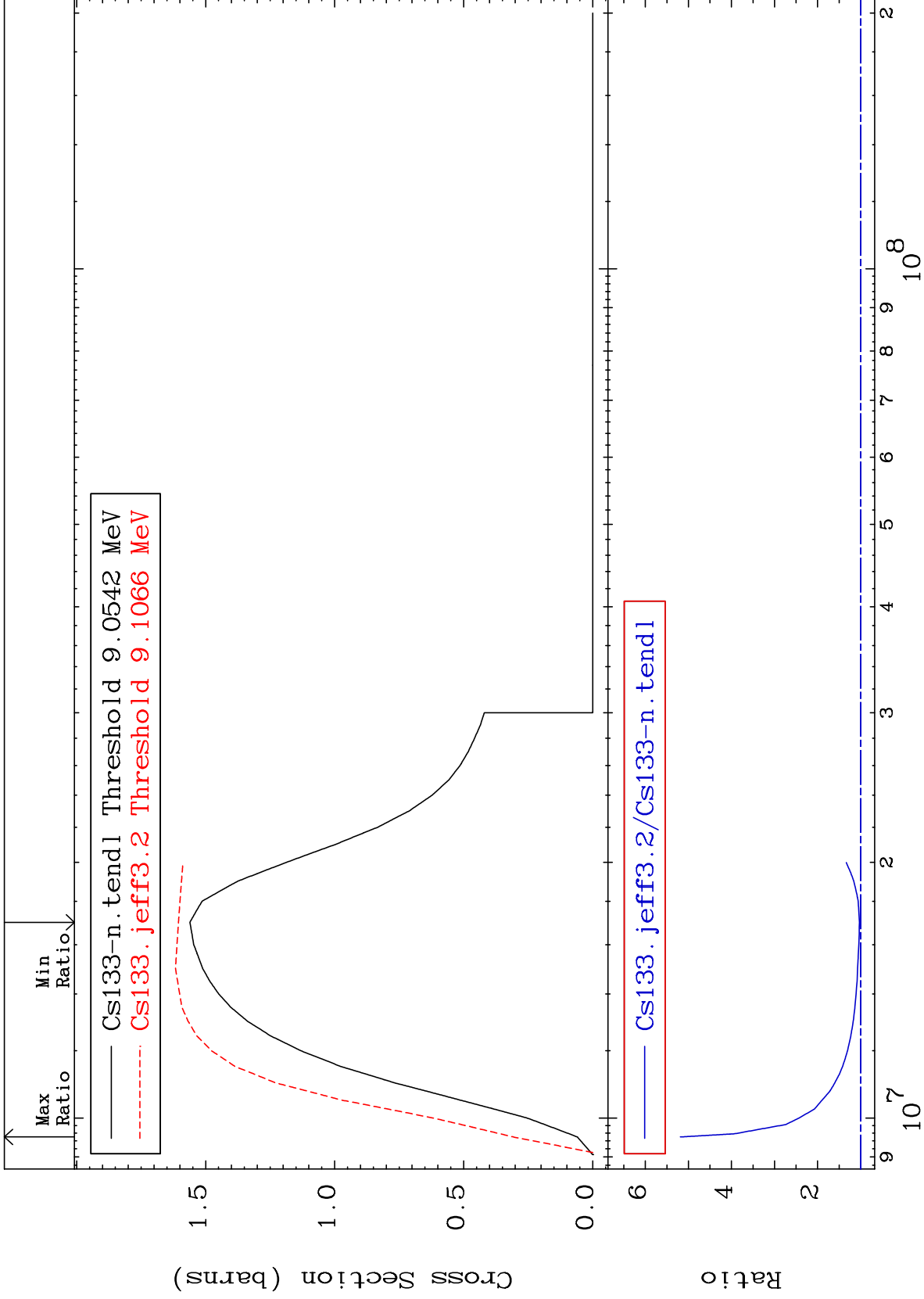
55-Cs-133
-74.86 To 148.9 %



MAT 5525

(n,2n)
Cross Section

55-Cs-133
2.830 To 418.7 %



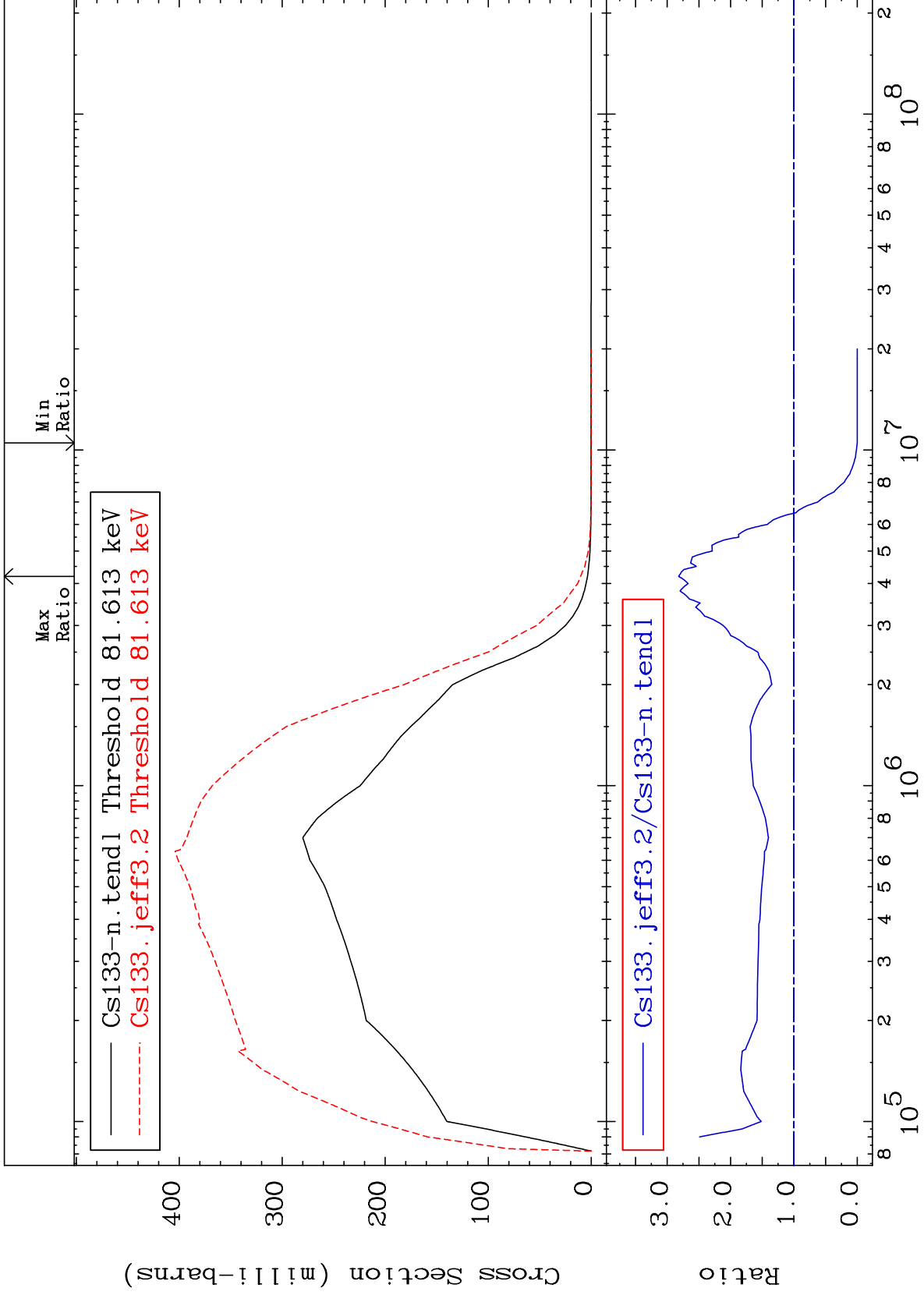
Incident Energy (eV)

55-Cs-133

MAT 5525

81.00 keV (n,n') Level
Cross Section

55-Cs-133
-100.0 To 182.0 %



5

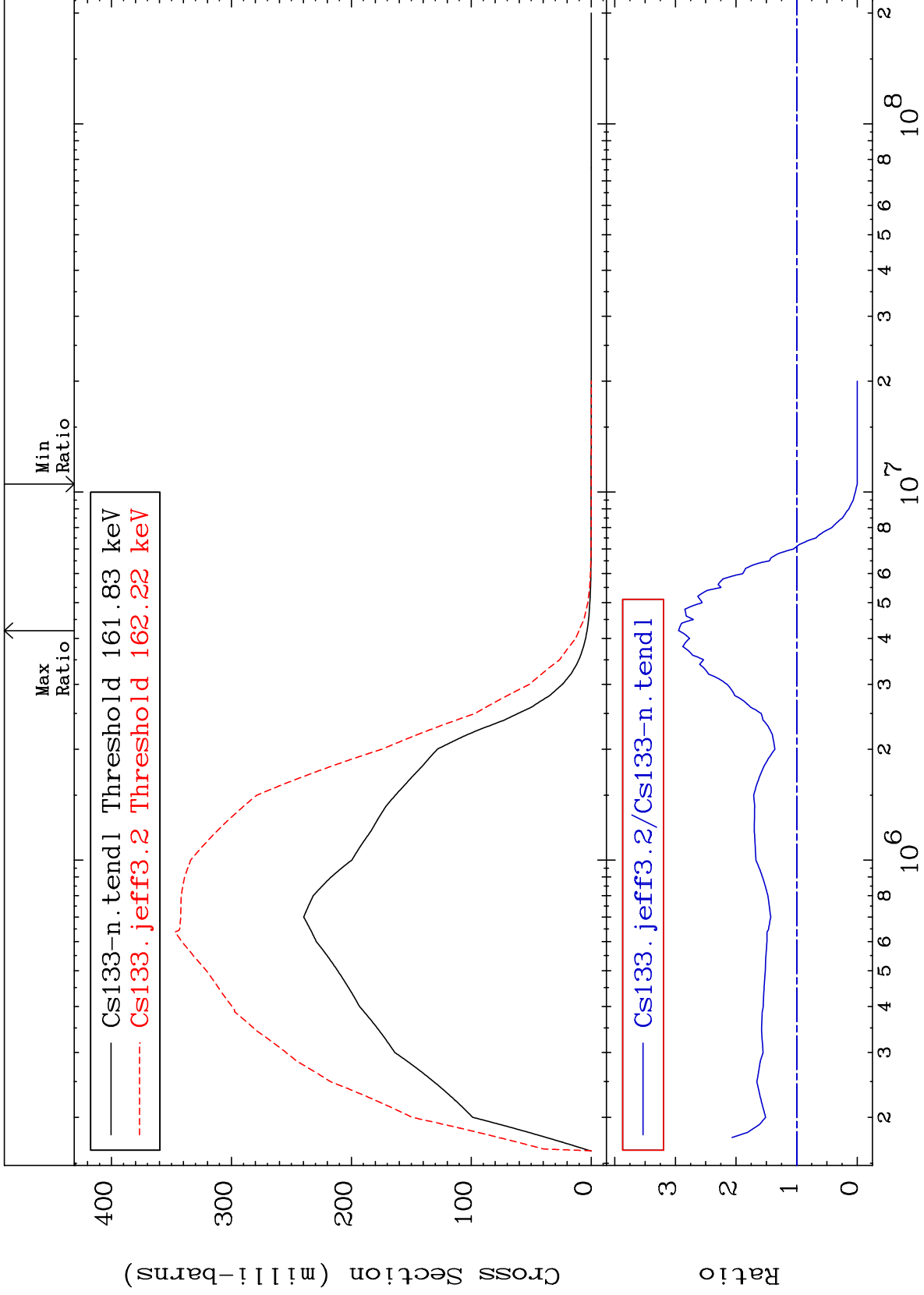
Incident Energy (eV)

55-Cs-133

MAT 5525

160.6 keV (n,n') Level
Cross Section

55-Cs-133
-100.0 To 194.7 %



6

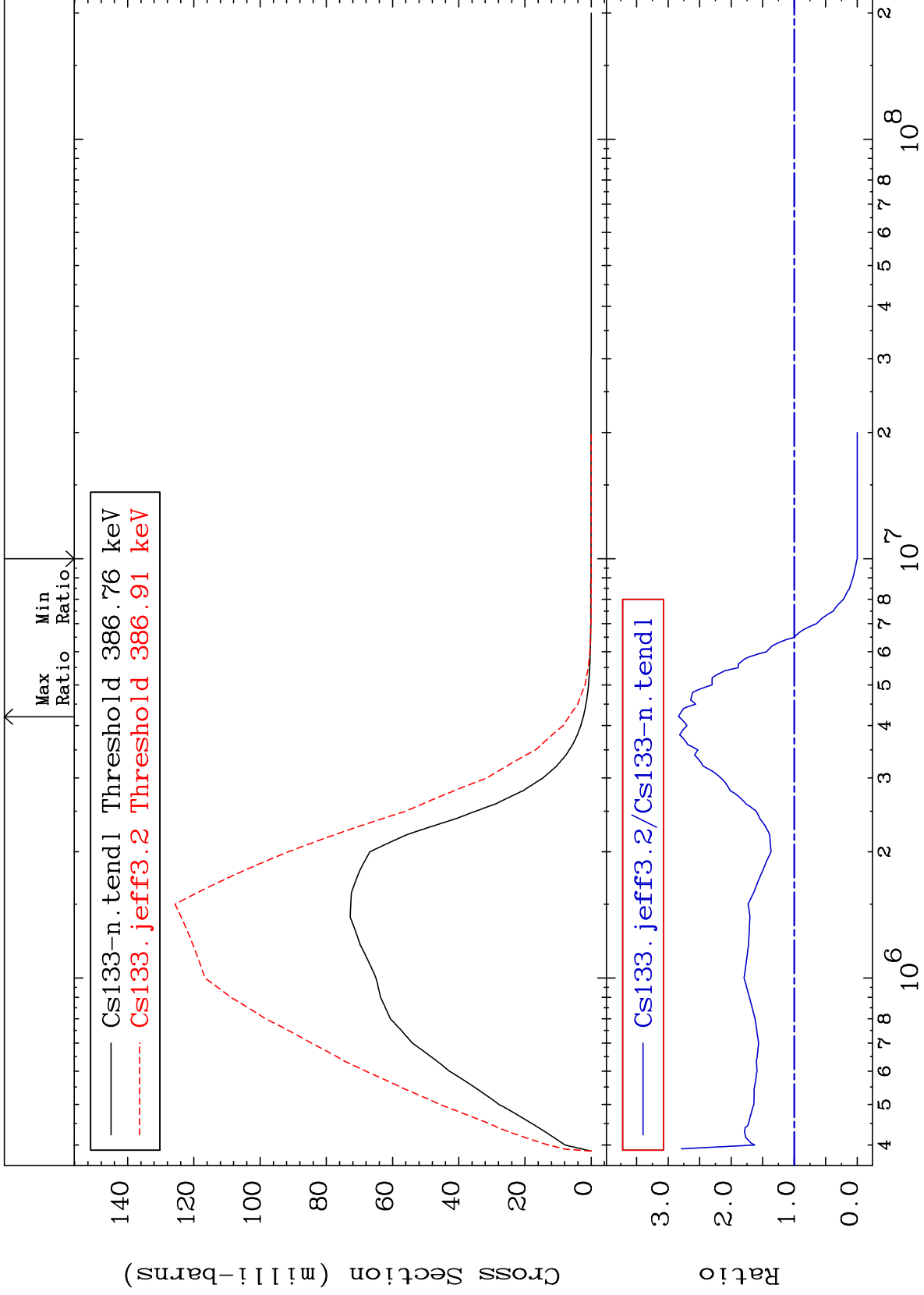
Incident Energy (eV)

55-Cs-133

MAT 5525

383.8 keV (n,n') Level
Cross Section

55-Cs-133
-100.0 To 183.3 %



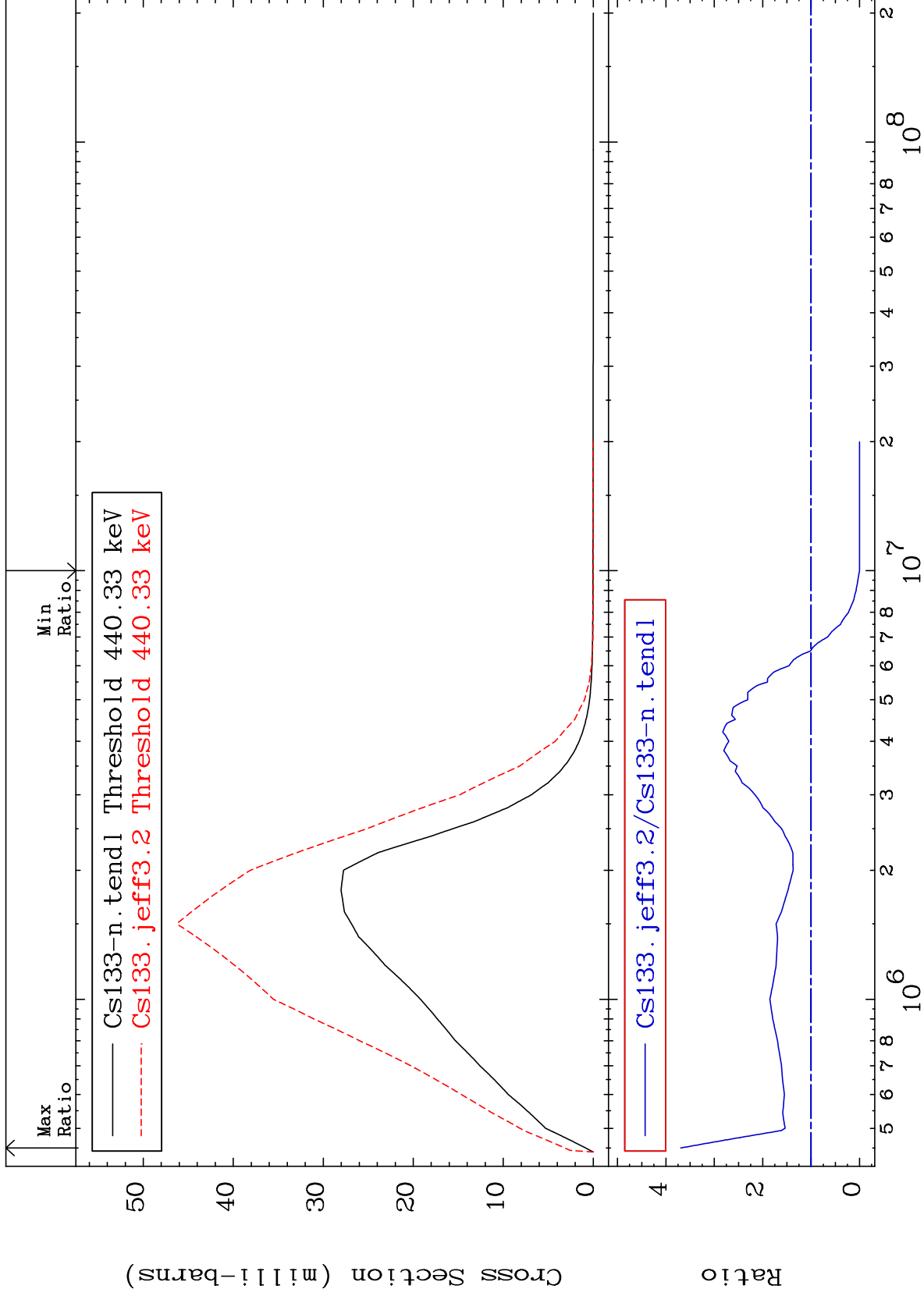
MAT 5525

437.0 keV (n,n') Level

55-Cs-133

-100.0 To 269.3 %

Cross Section



8

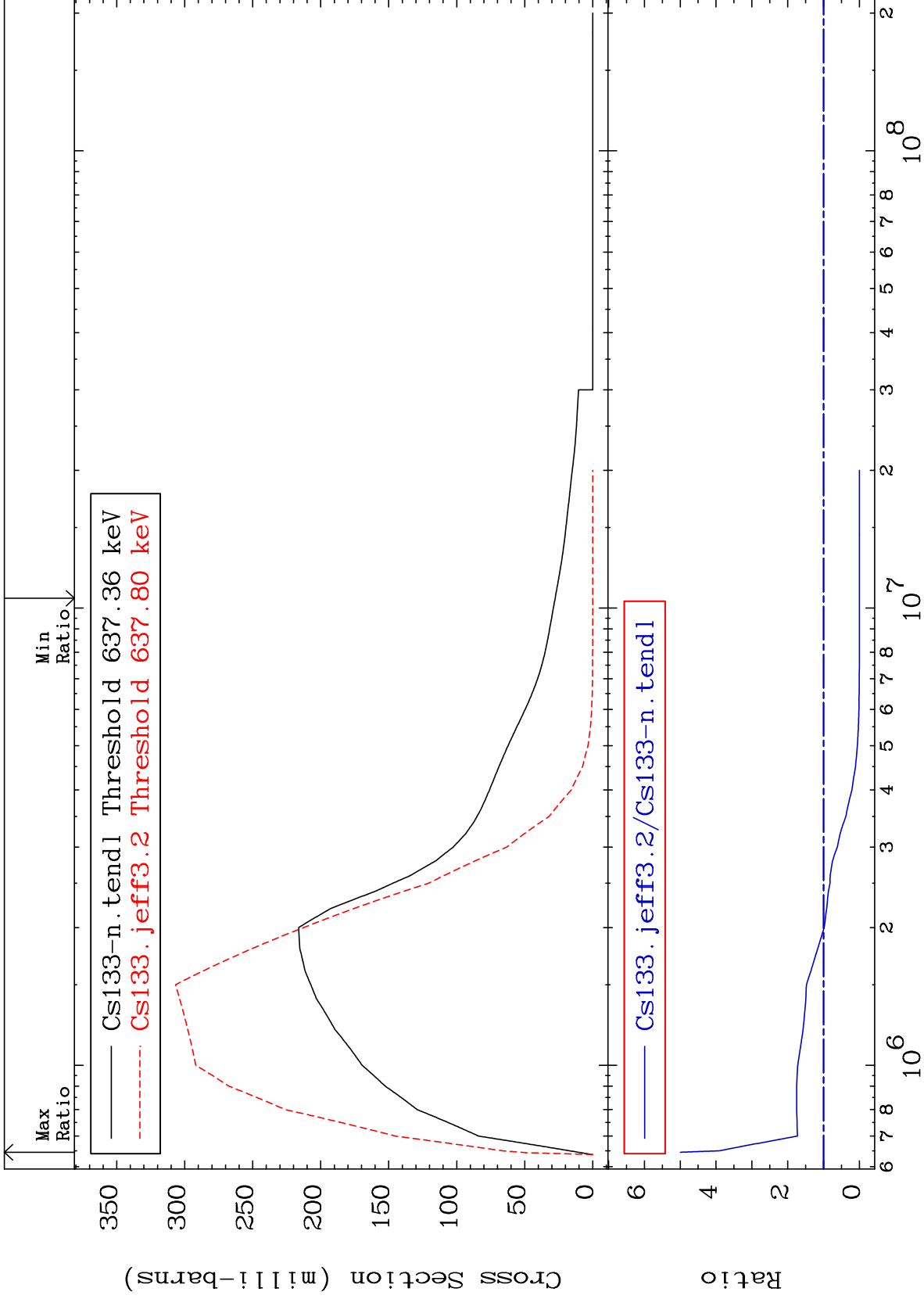
Incident Energy (eV)

55-Cs-133

MAT 5525

632.6 keV (n,n') Level
Cross Section

55-Cs-133
-100.0 To 399.6 %



9

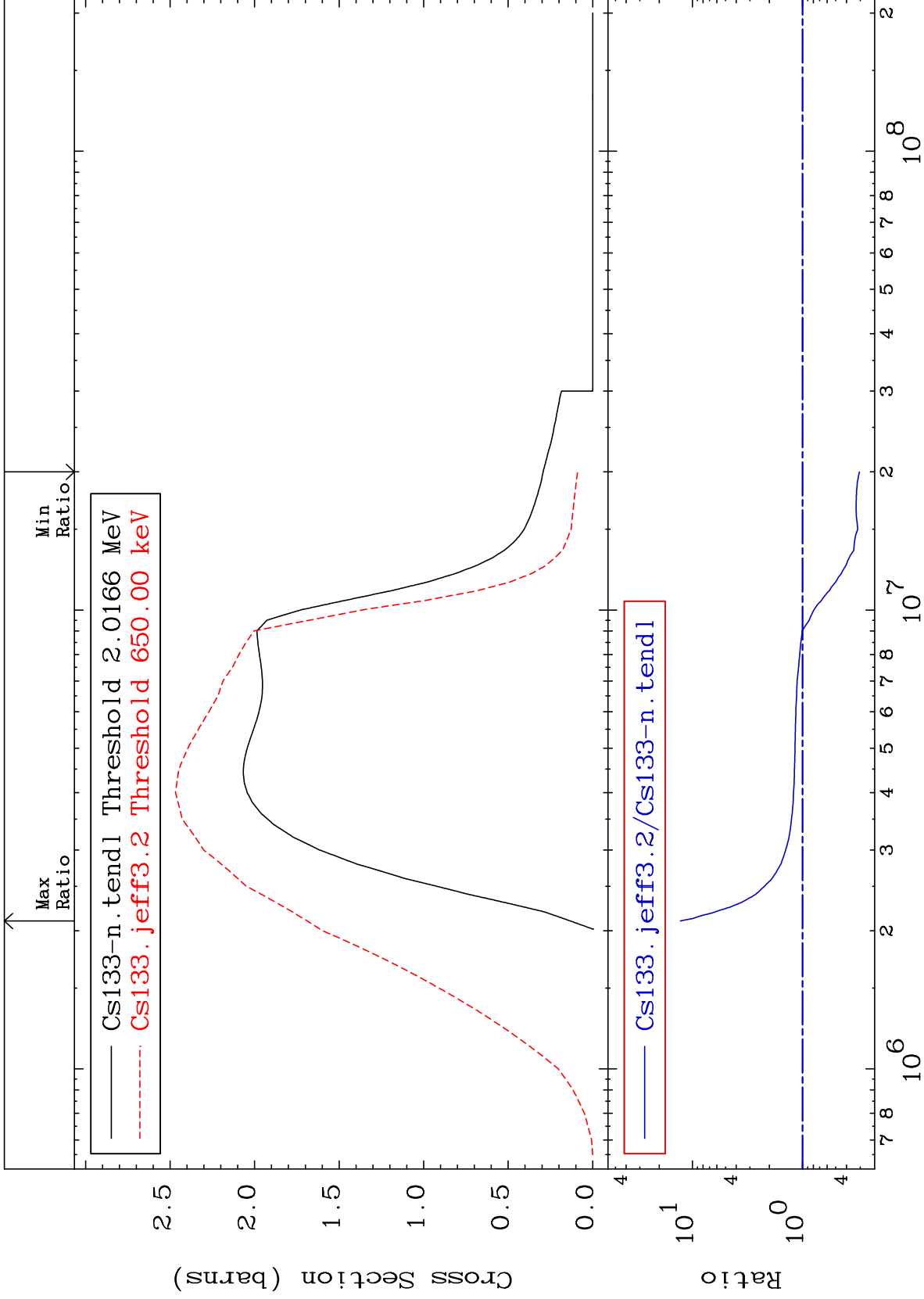
Incident Energy (eV)

55-Cs-133

MAT 5525

(n, n') Continuum
Cross Section

55-Cs-133
-69.53 To 1186. %



10

Incident Energy (eV)

55-Cs-133

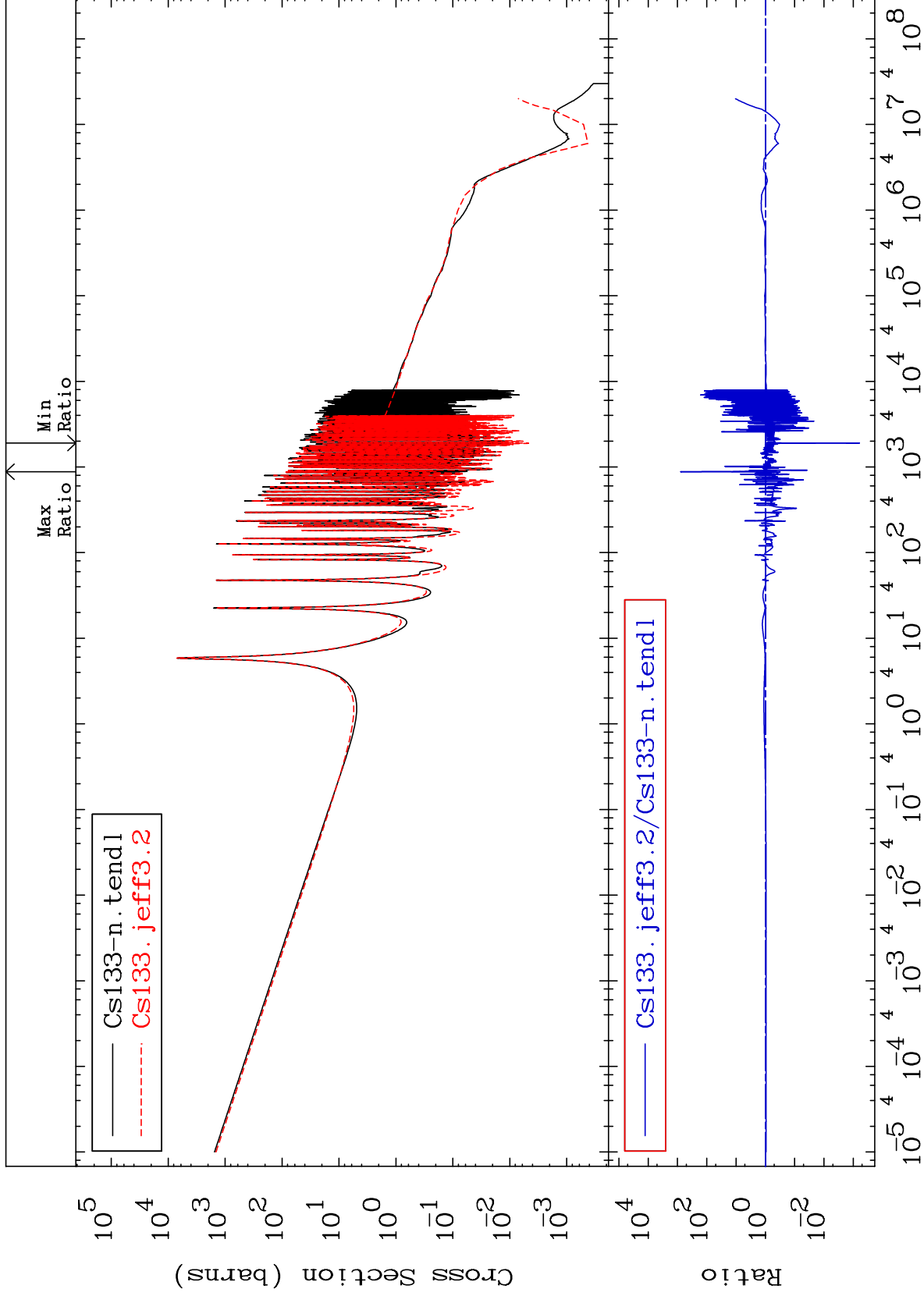
MAT 5525

55-Cs-133

-99.94 To 9999. %

(n, γ)

Cross Section



Incident Energy (eV)

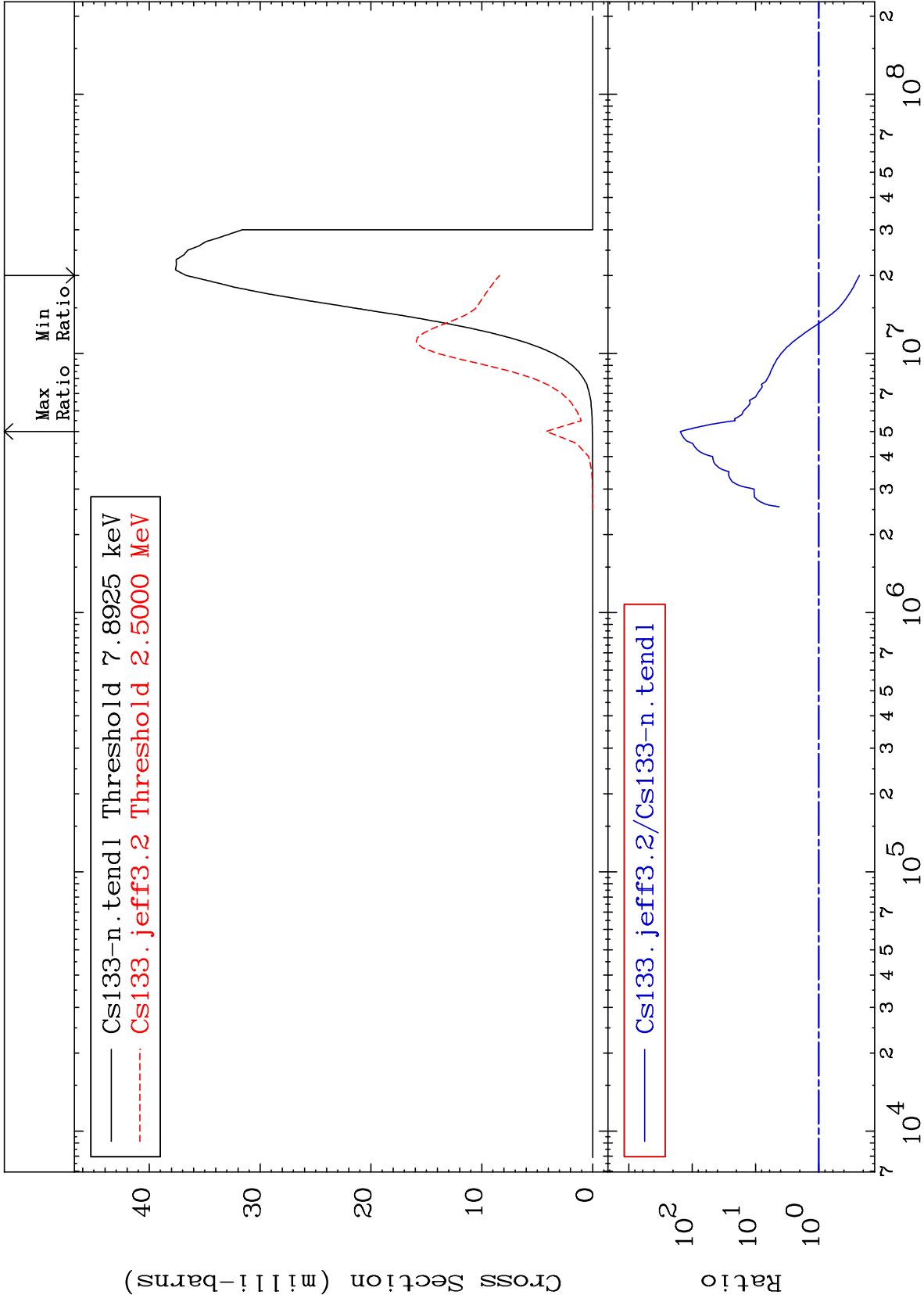
55-Cs-133

11

MAT 5525

(n,p)
Cross Section

55-Cs-133
-77.11 To 9999. %



12

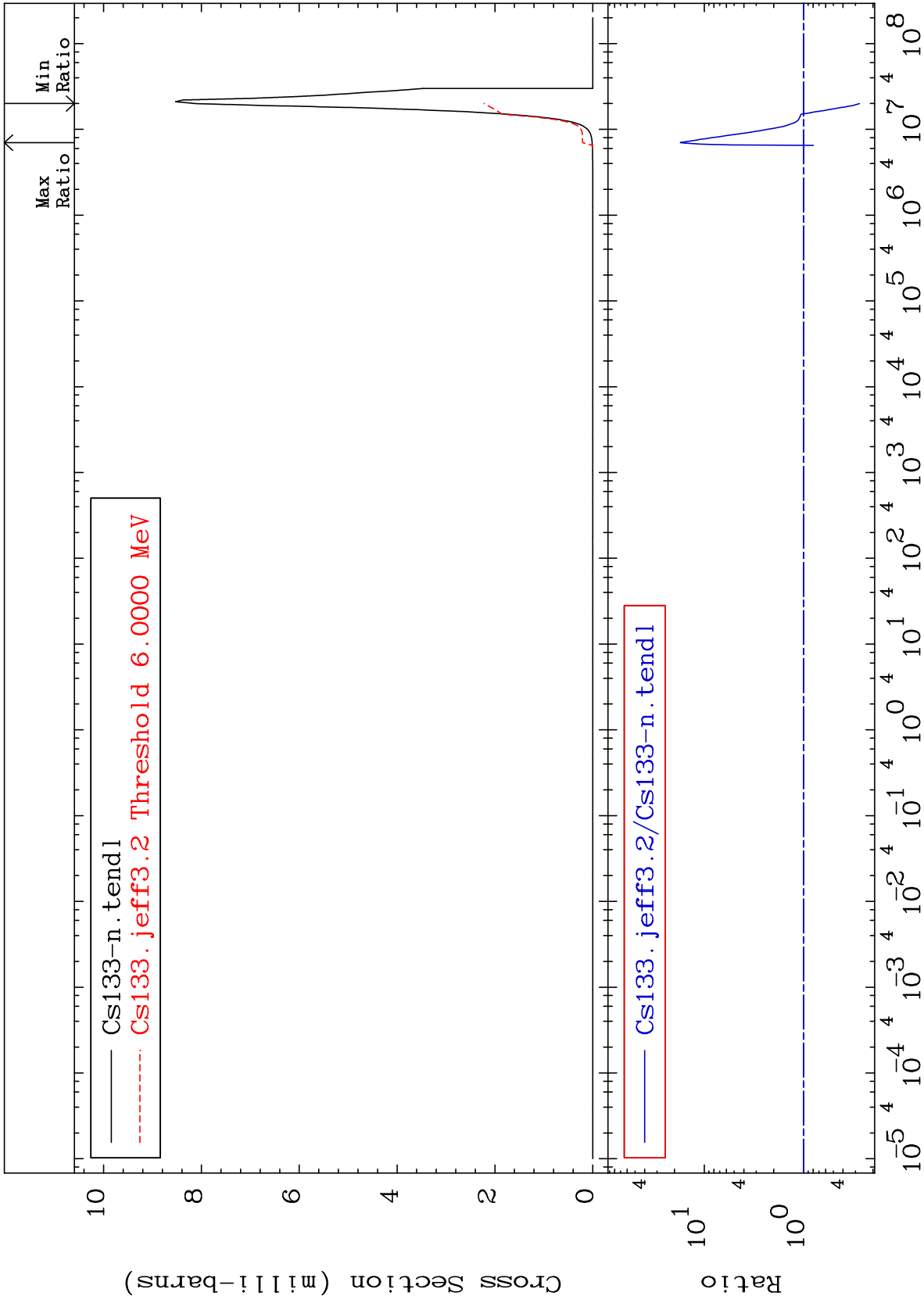
Incident Energy (eV)

55-Cs-133

MAT 5525

(n, α)
Cross Section

55-Cs-133
-72.67 To 1644. %



13

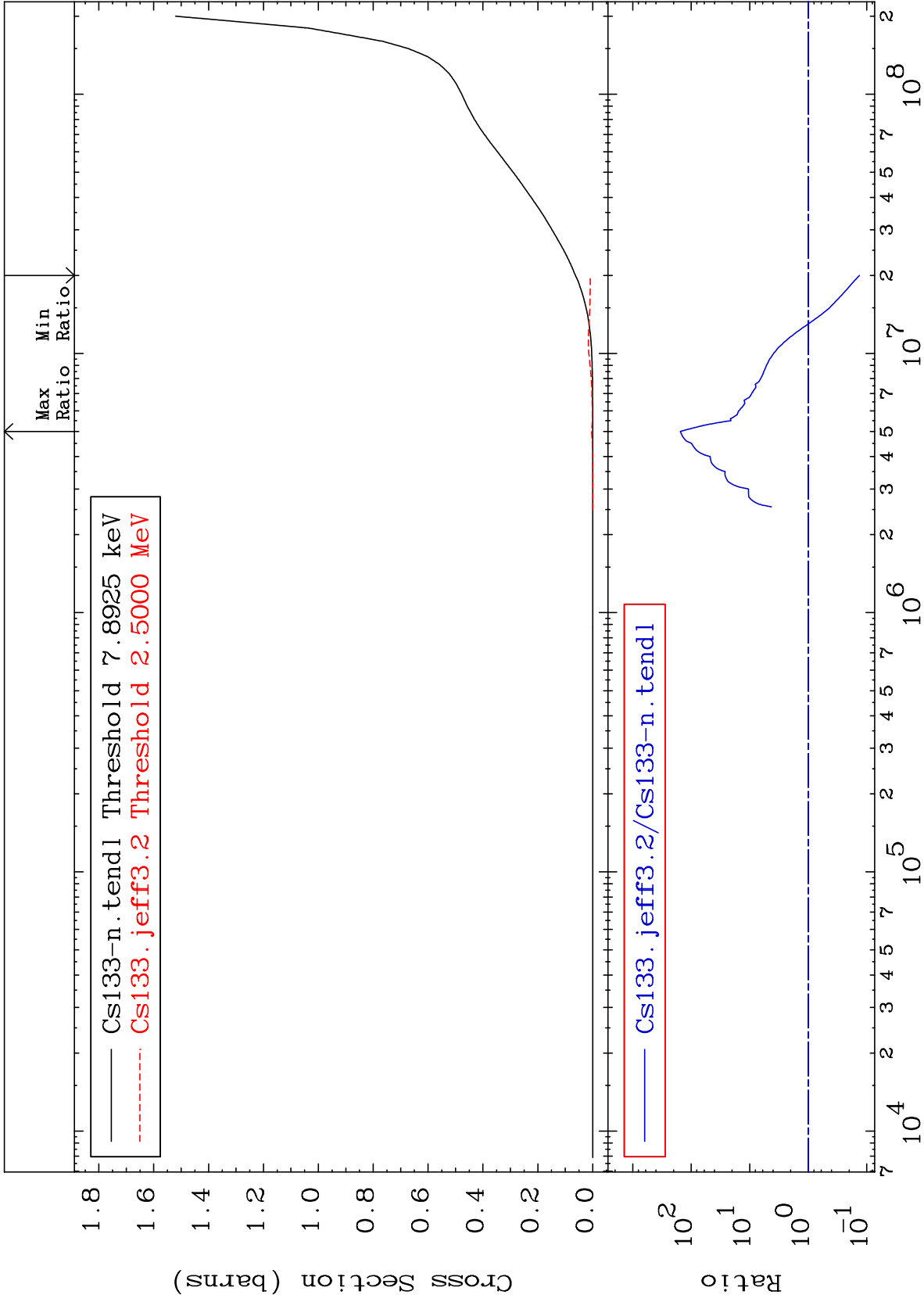
Incident Energy (eV)

55-Cs-133

MAT 5525

Hydrogen Production
Cross Section

55-Cs-133
-86.65 To 9999. %



14

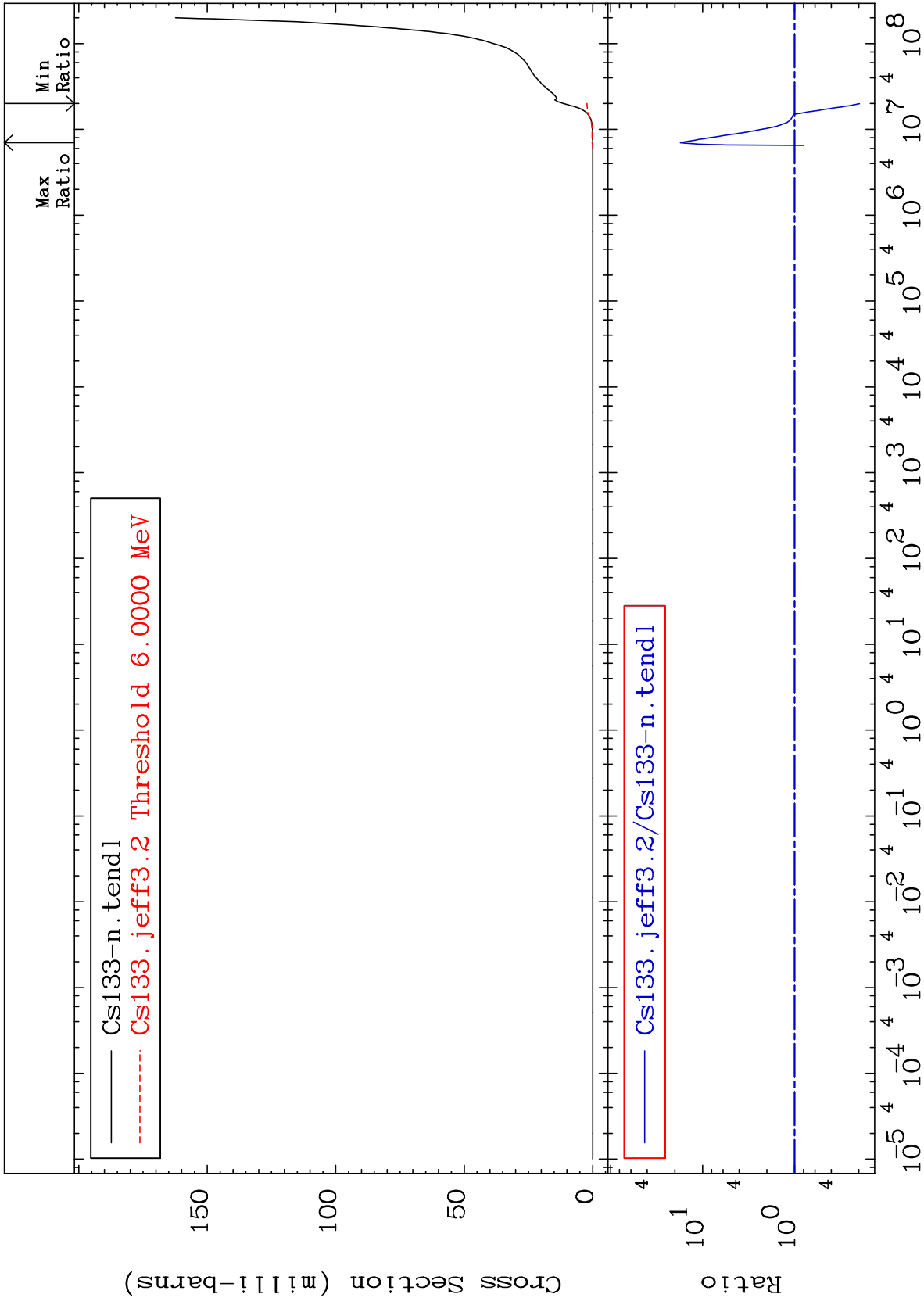
Incident Energy (eV)

55-Cs-133

MAT 5525

He-4 Production
Cross Section

55-Cs-133
-80.26 To 1644. %



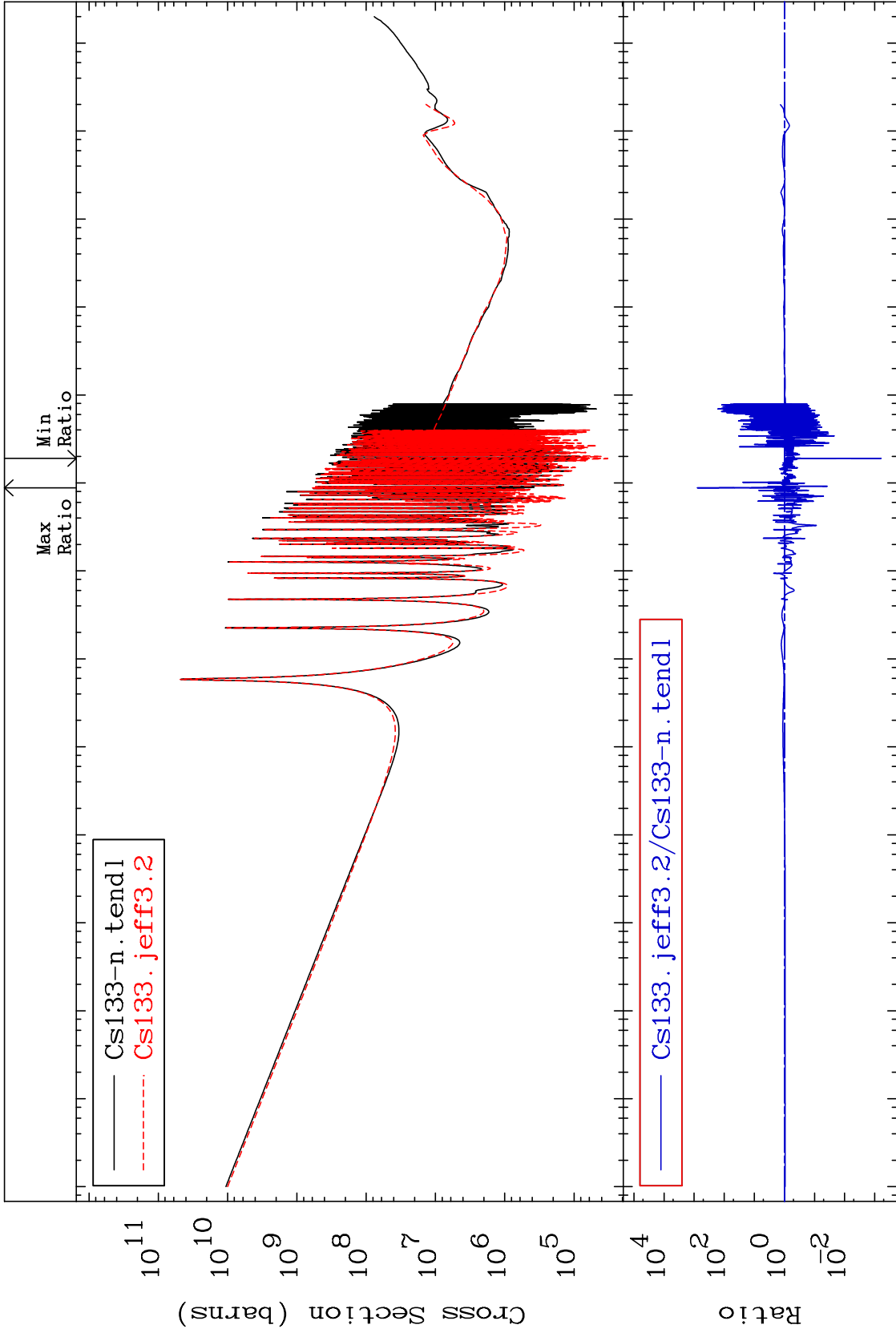
15

Incident Energy (eV)

55-Cs-133

Cross Section

-99.94 To 9999. %

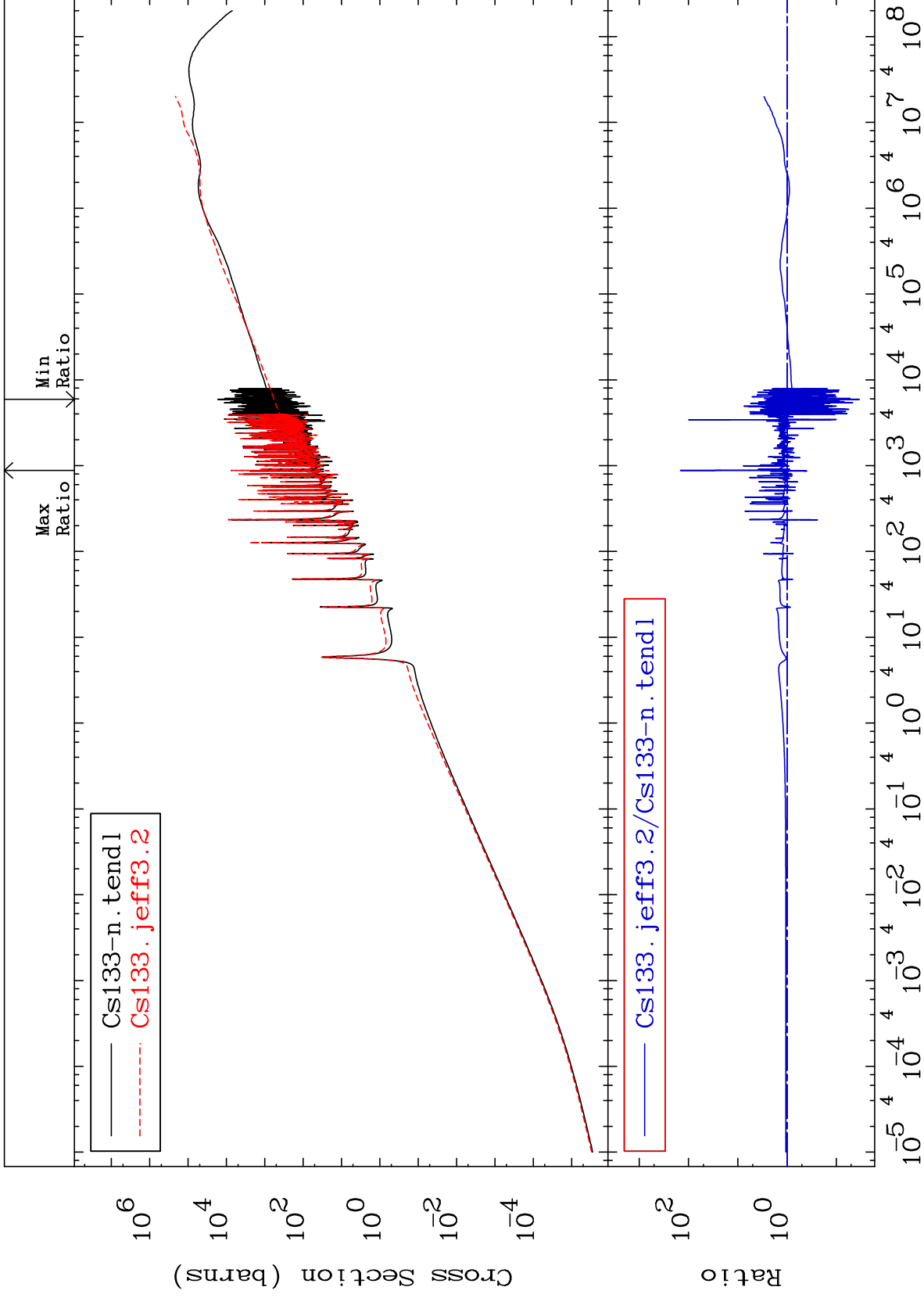


Incident Energy (eV)

MAT 5525

Kerma elastic
Cross Section

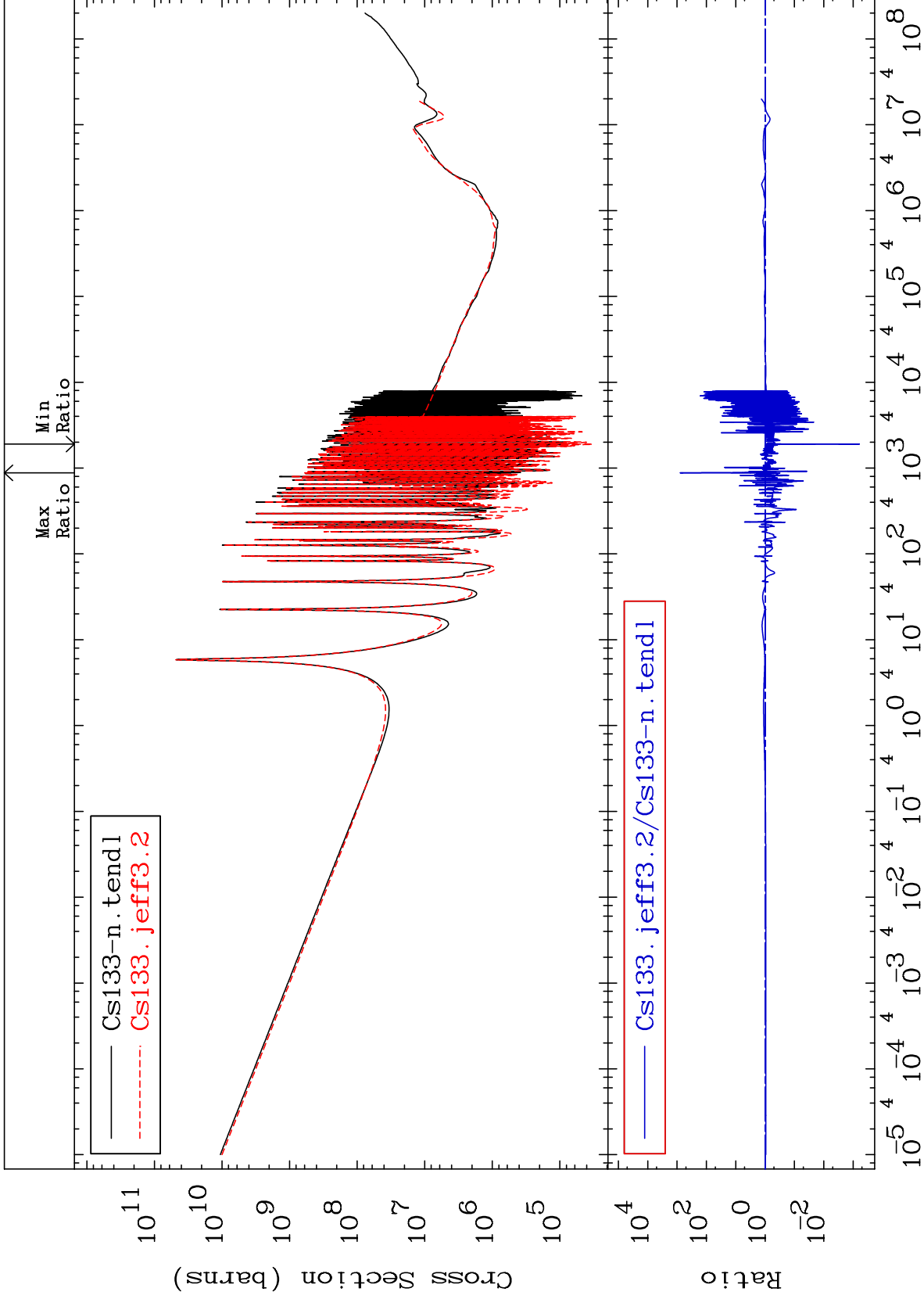
55-Cs-133
-96.60 To 9999. %



MAT 5525

Kerma non-elastic (all but mt2)
Cross Section

55-Cs-133
-99.94 To 9999. %



18

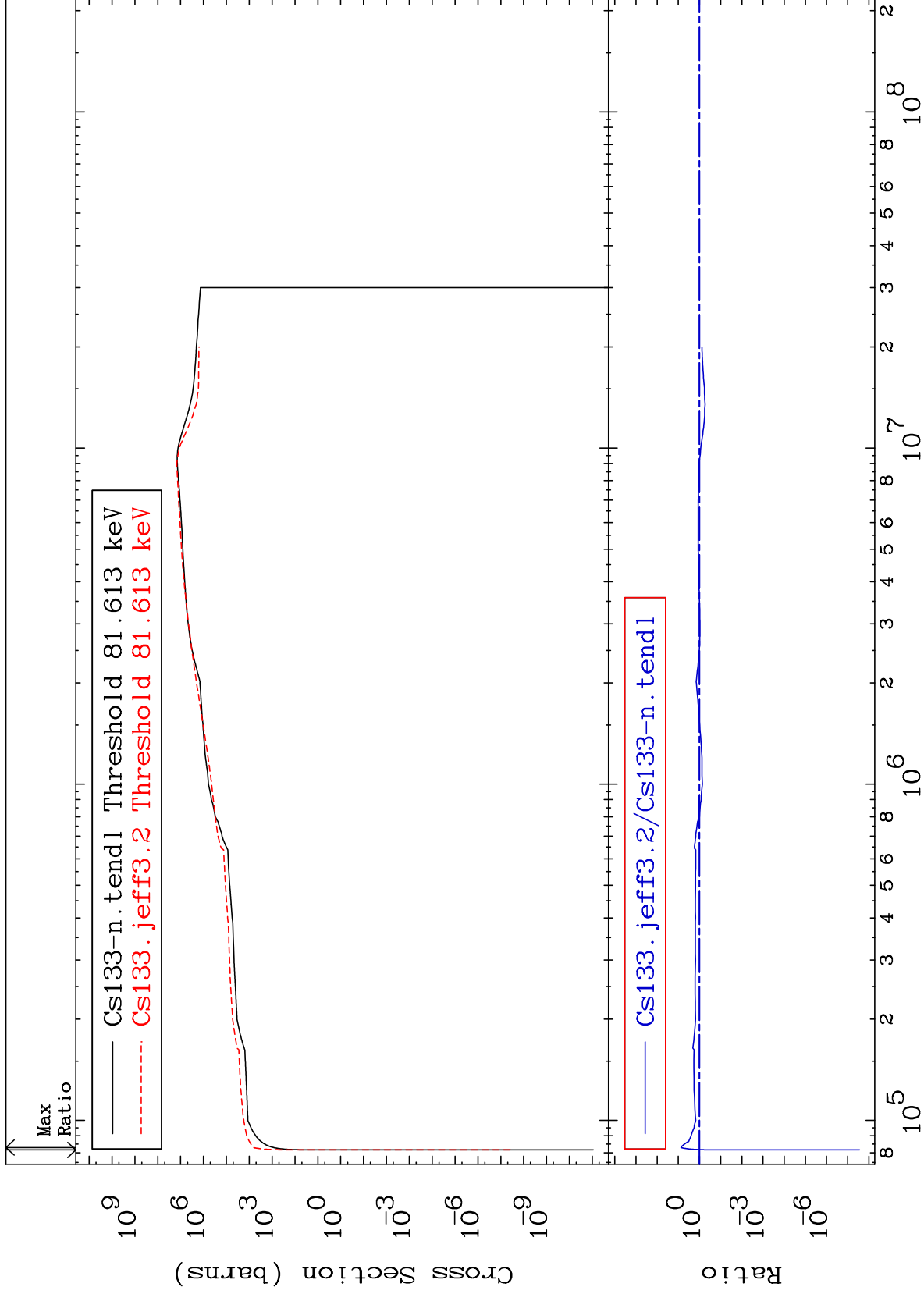
Incident Energy (eV)

55-Cs-133

MAT 5525

Kerma inelastic (mt51-91)
Cross Section

55-Cs-133
-100.0 To 666.7 %



19

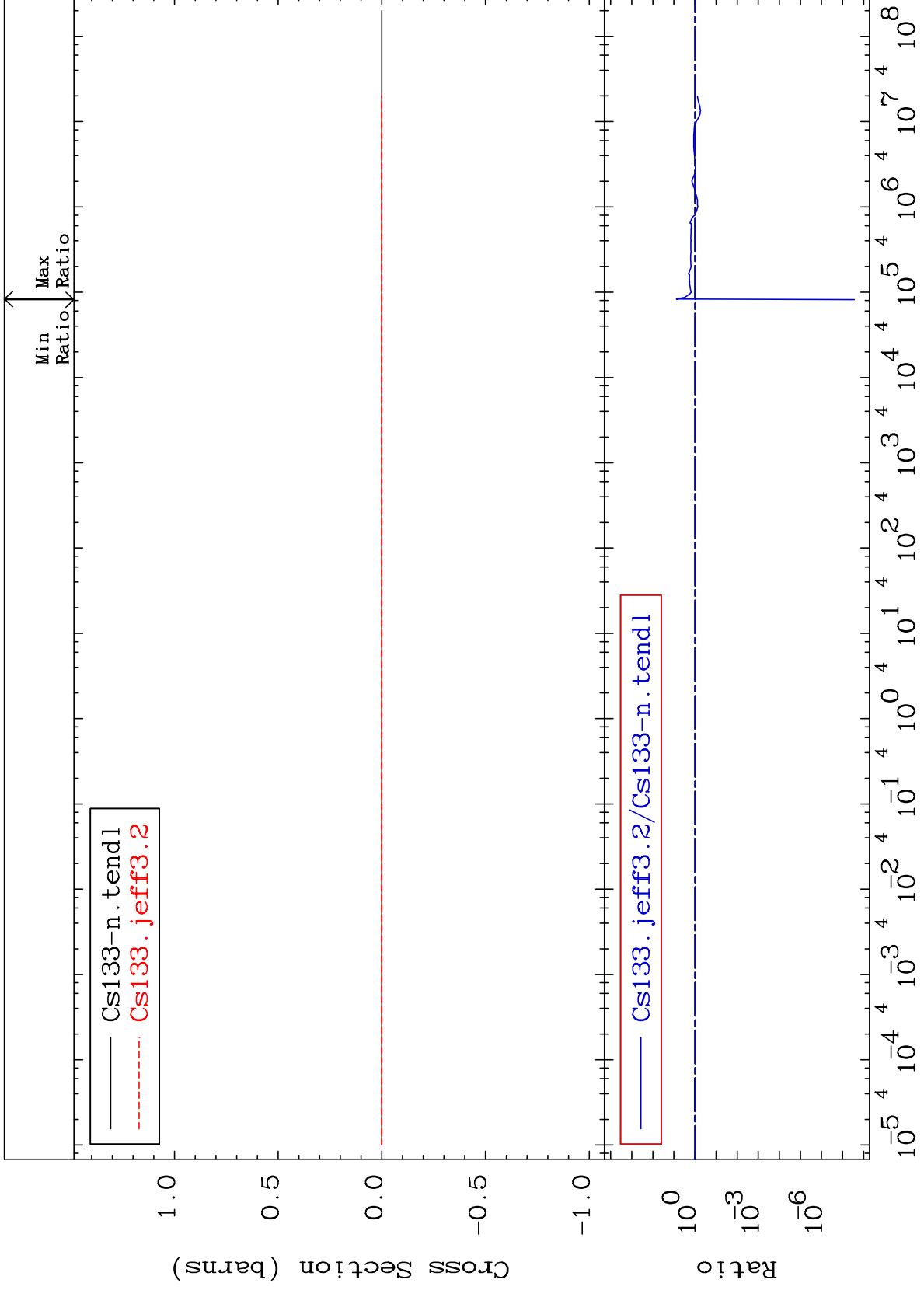
55-Cs-133

55-Cs-133

MAT 5525

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

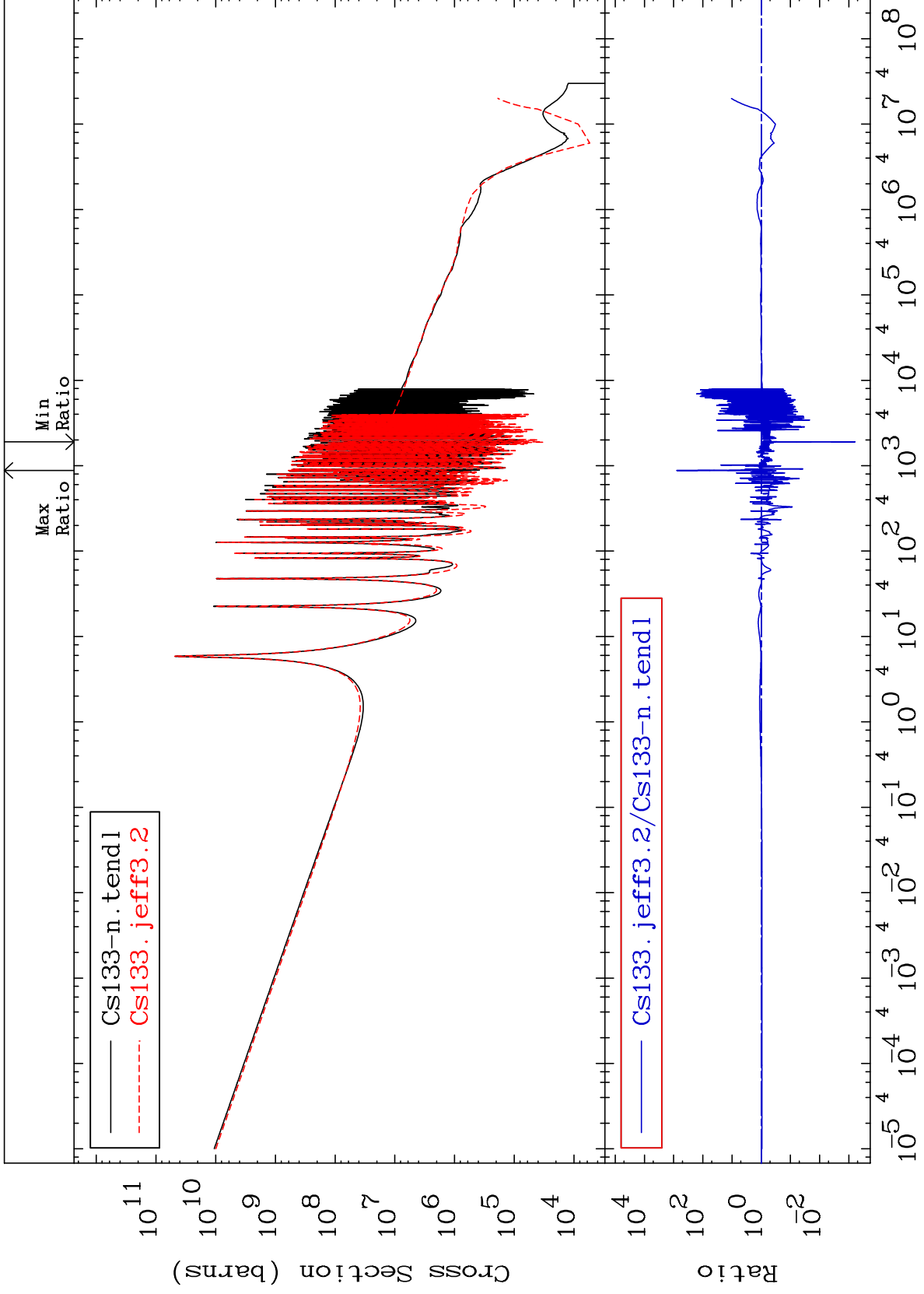
55-Cs-133
-100.0 To 666.7 %



MAT 5525

Kerma capture (mt102)
Cross Section

55-Cs-133
-99.94 To 9999. %

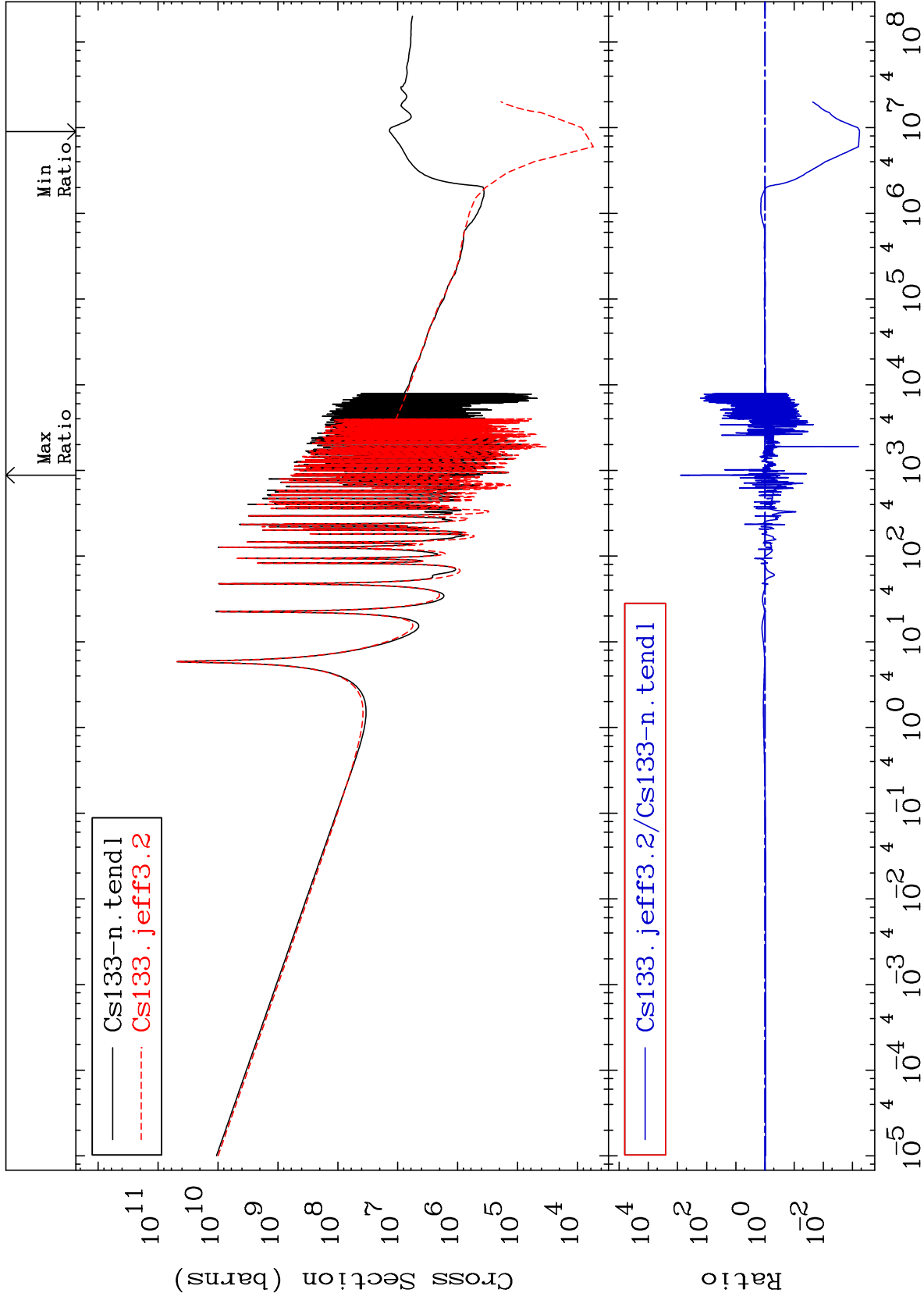


MAT 5525

Total photon (eV-barns)
Cross Section

55-Cs-133

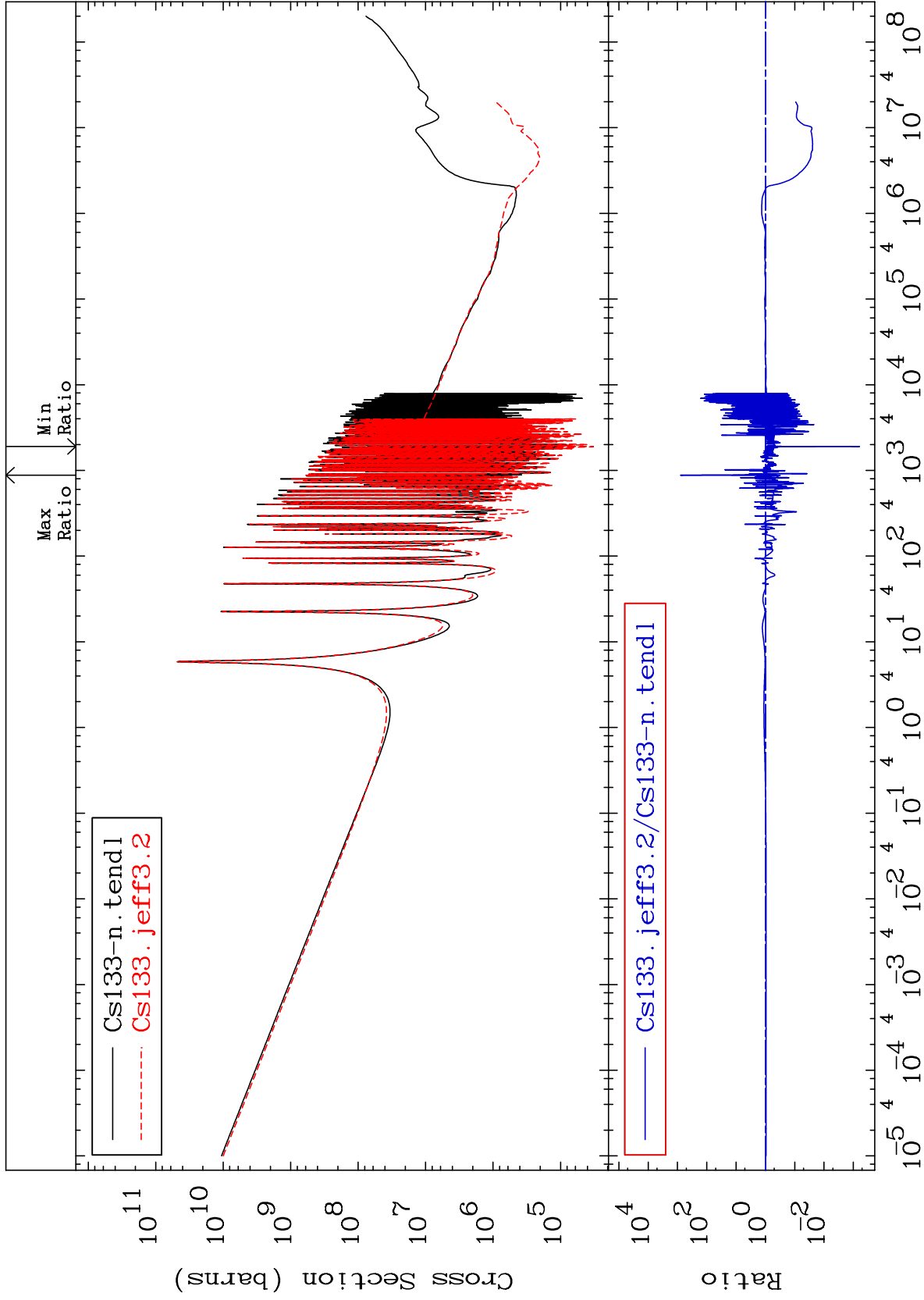
-99.94 To 9999. %



22

Incident Energy (eV)

55-Cs-133



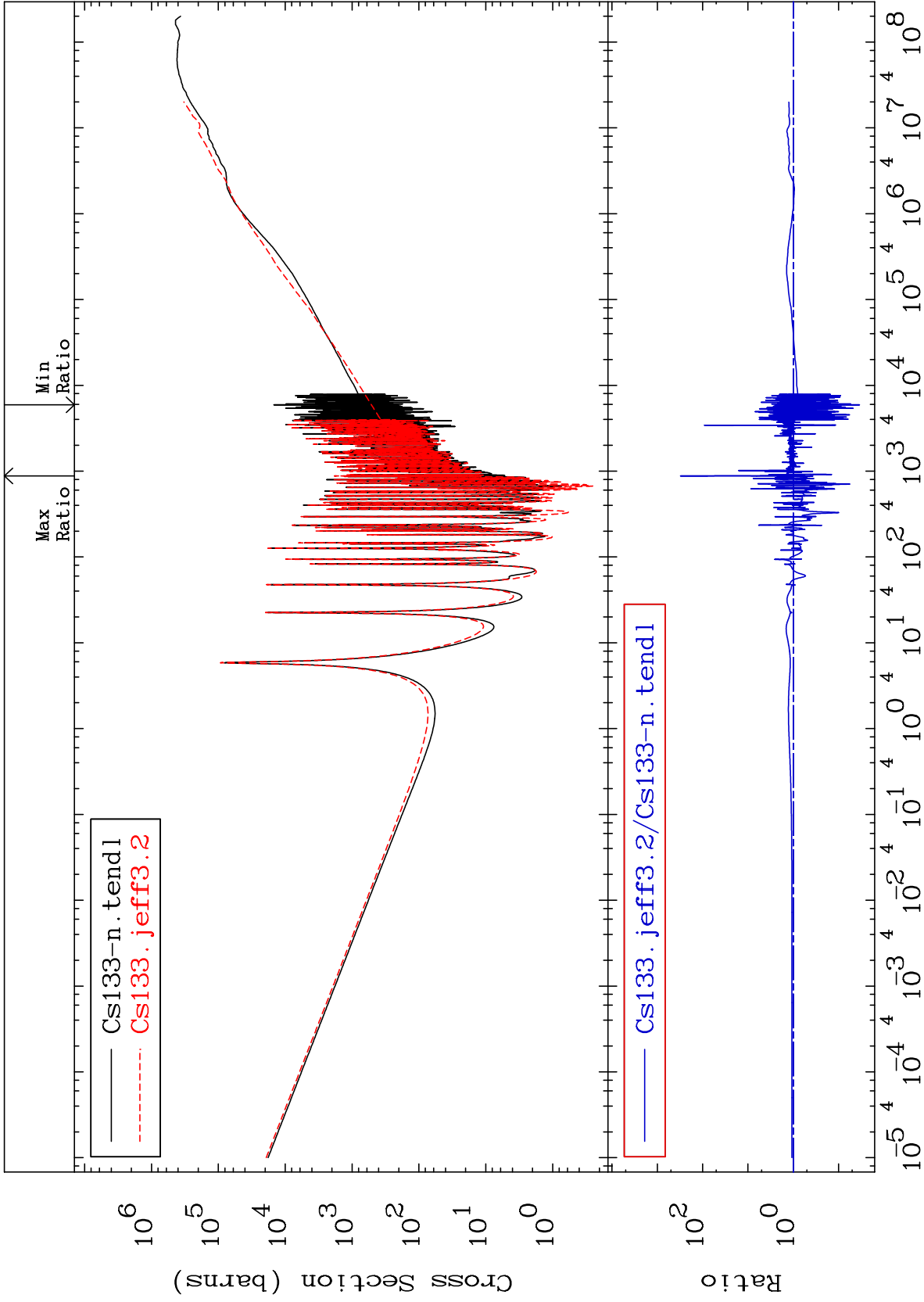
MAT 5525

Dpa total (eV-barns)

55-Cs-133

Cross Section

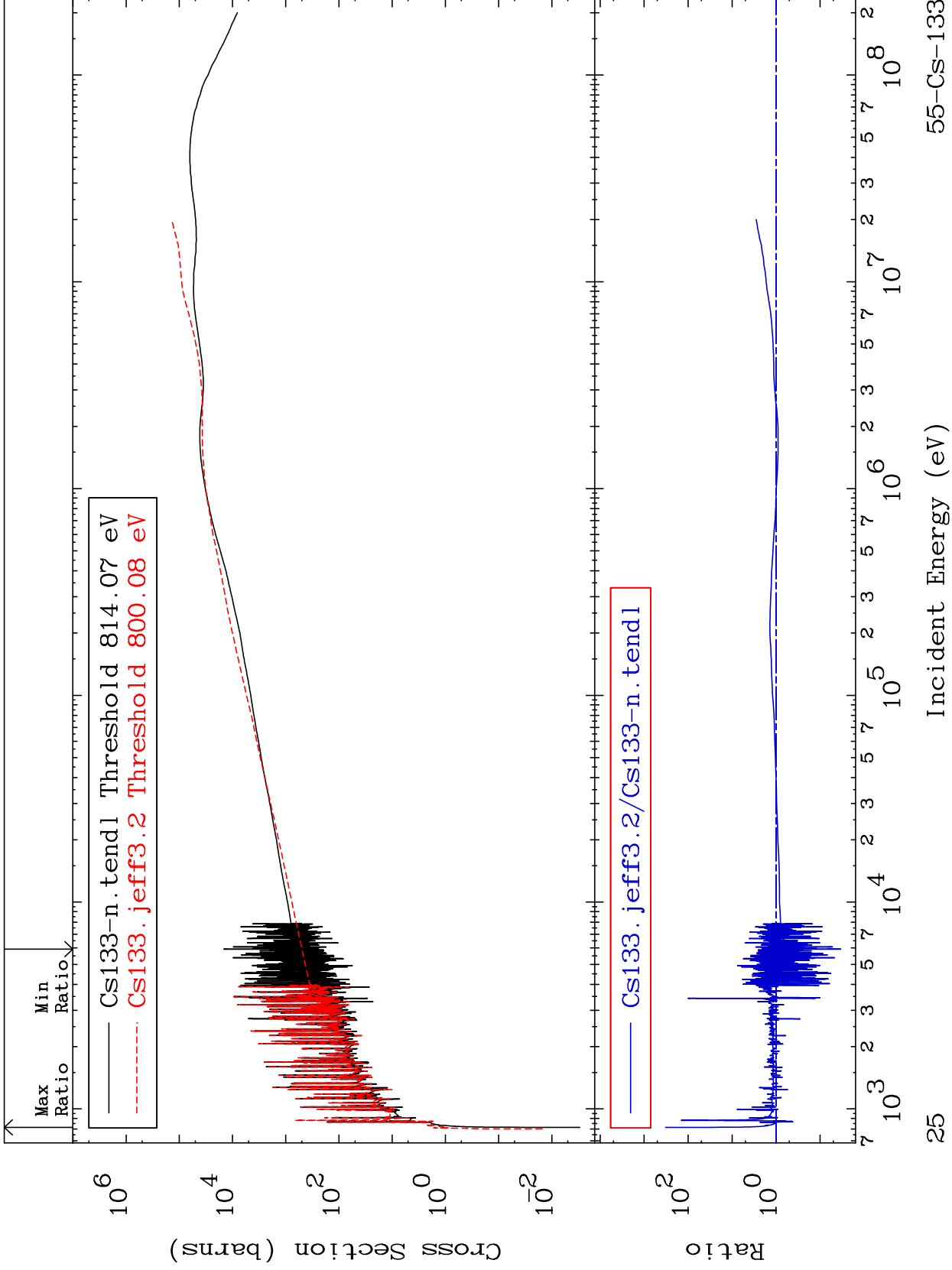
-96.54 To 9999. %



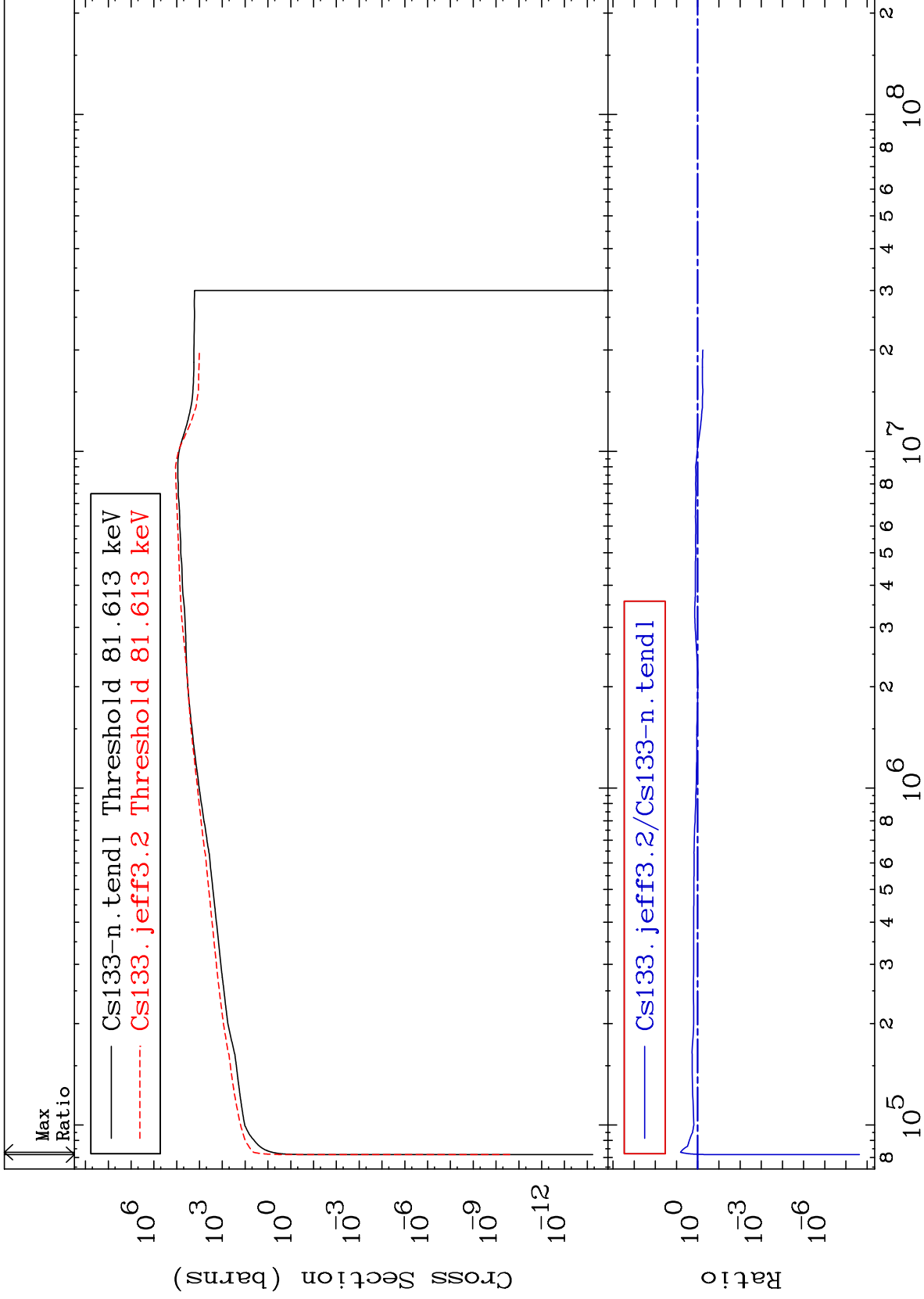
MAT 5525

Dpa elastic (mt2)
Cross Section

55-Cs-133
-96.60 To 9999. %



25



MAT 5525

Dpa disappearance (mt102 -120)
Cross Section

55-Cs-133
-99.93 To 9999. %

