

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

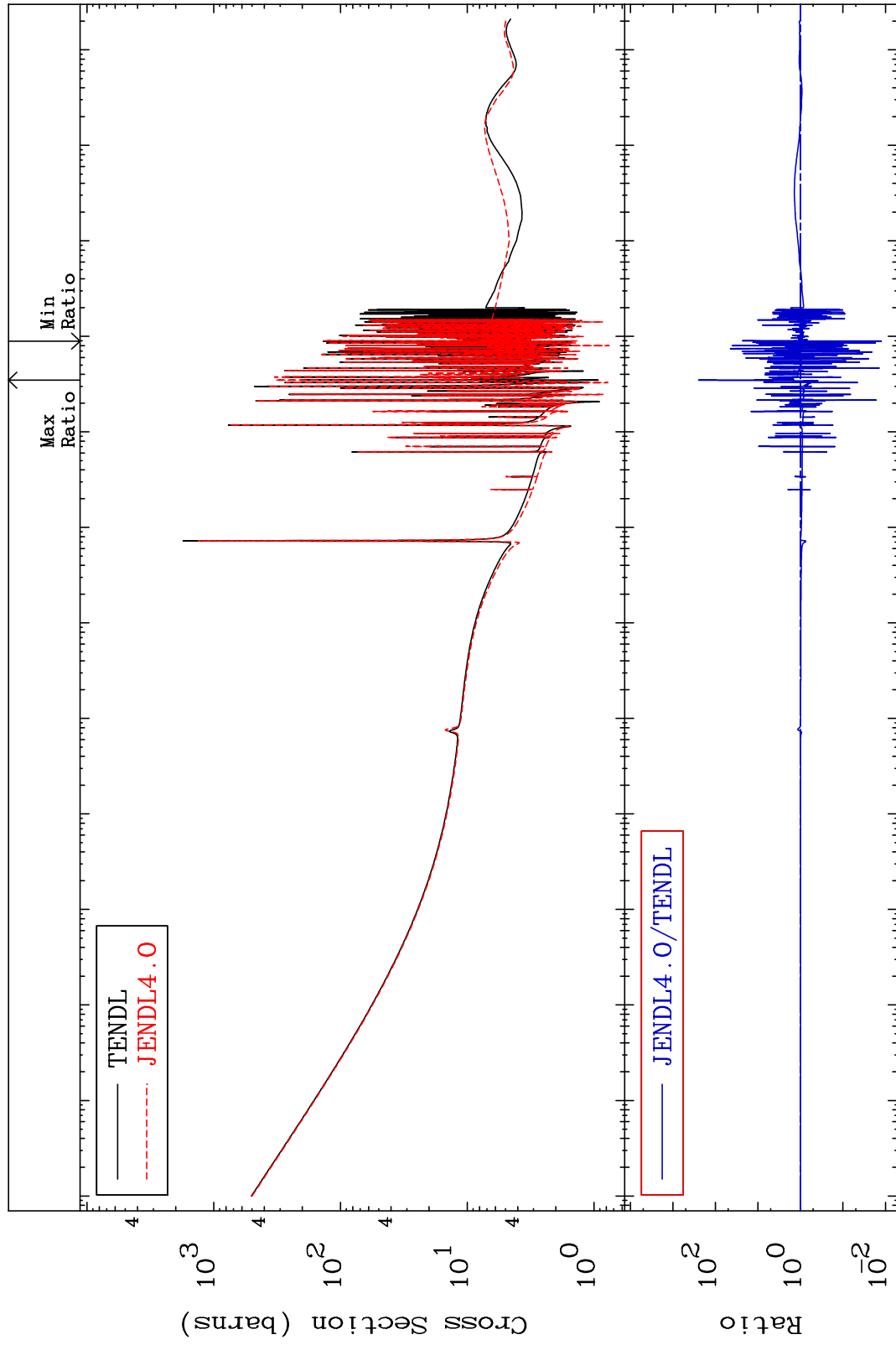
MAT 5728

Total

57-La-139

Cross Section

-98.77 To 9999. %



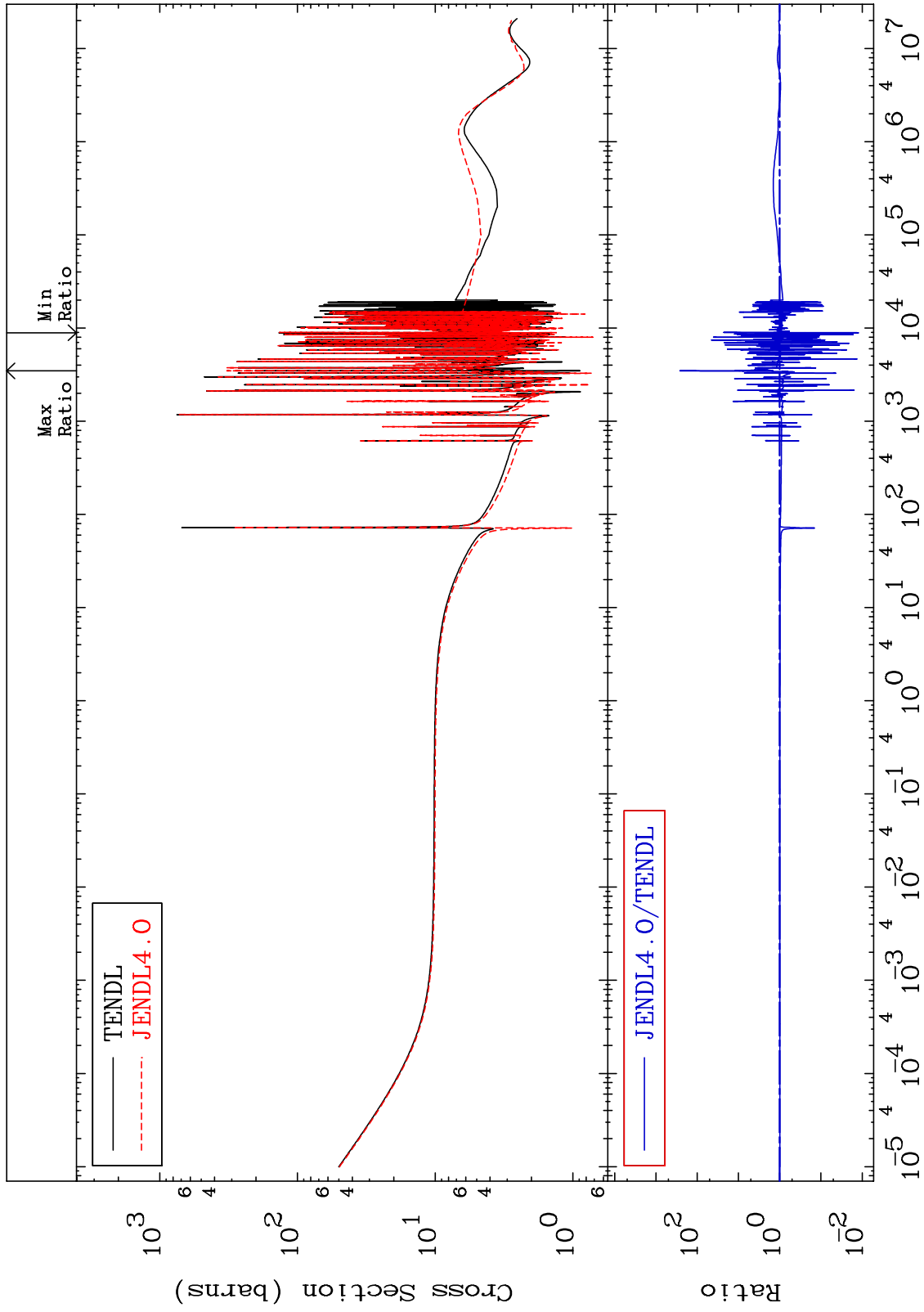
Incident Energy (eV)

57-La-139

MAT 5728

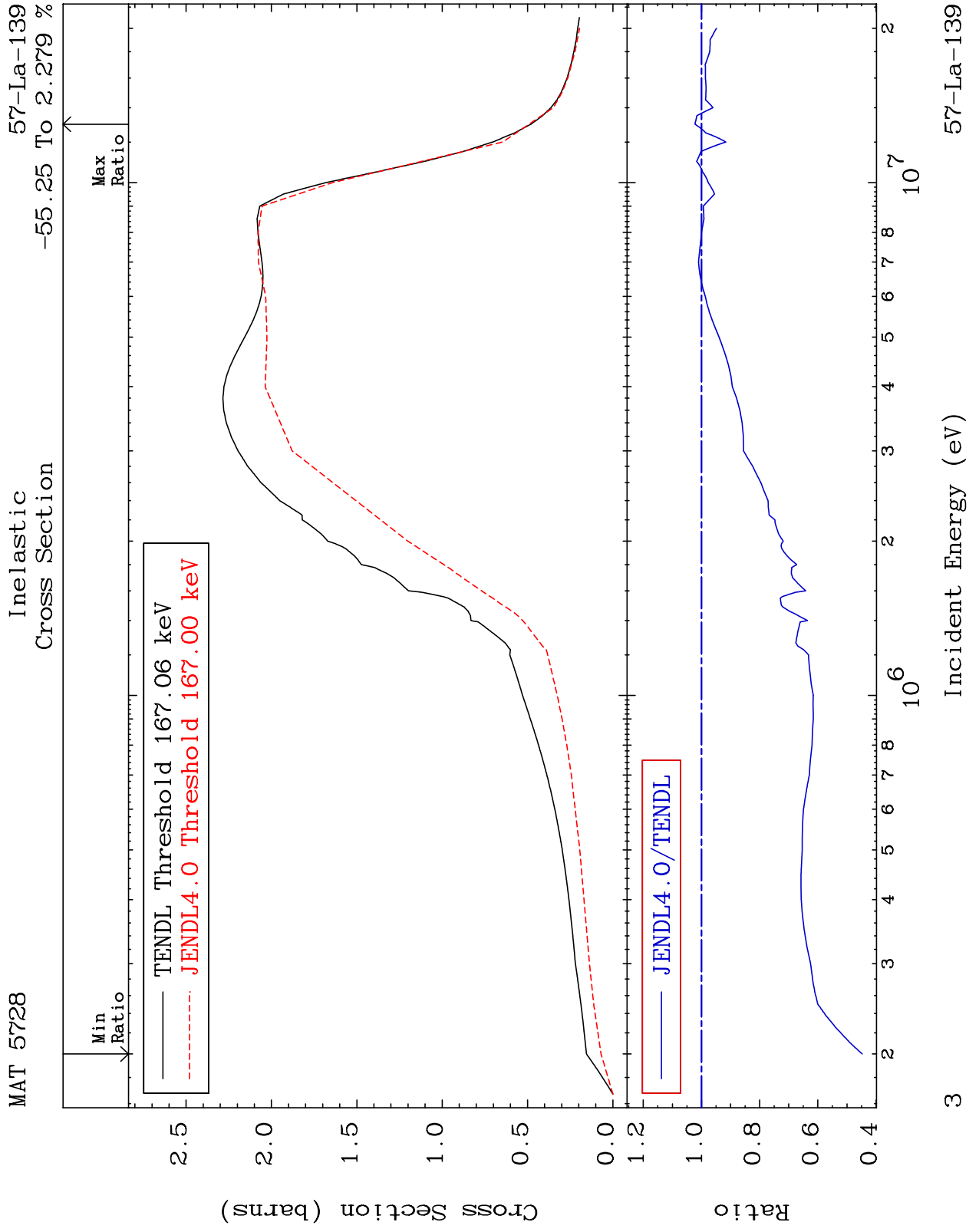
Elastic
Cross Section

57-La-139
-98.77 To 9999. %



Incident Energy (eV)

57-La-139



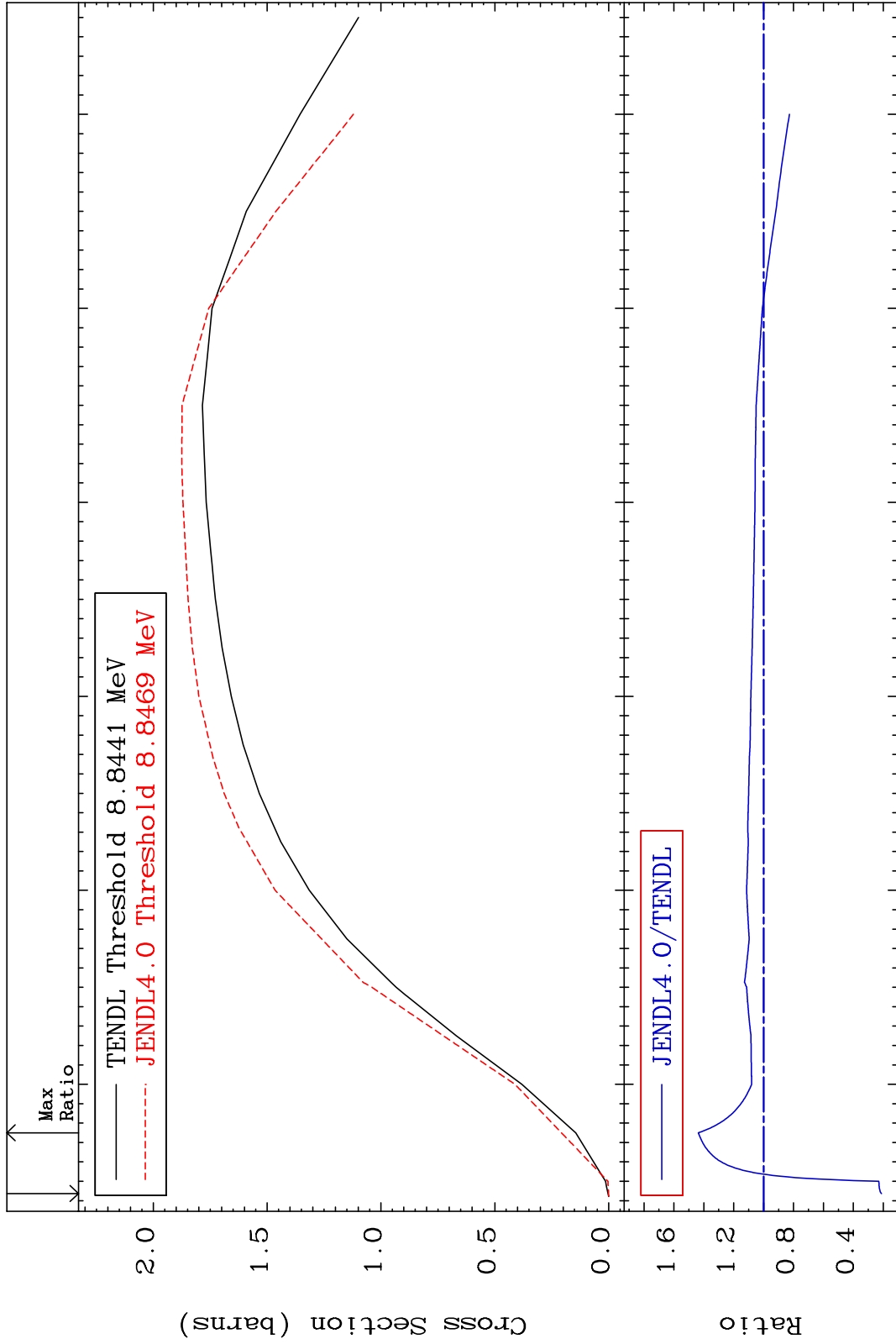
MAT 5728

(n,2n)

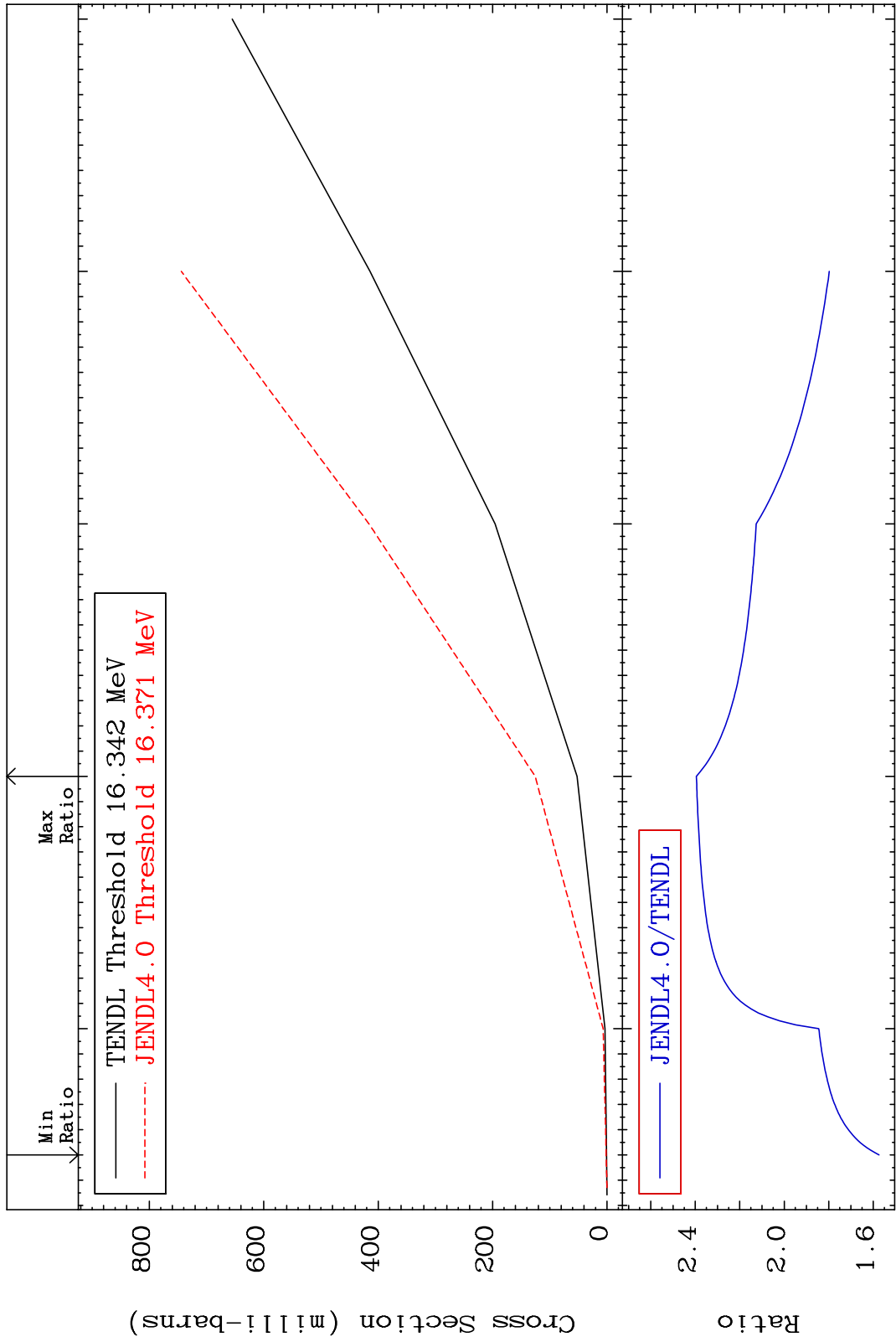
57-La-139

Cross Section

-78.86 To 43.65 %



MAT 5728 (n,3n) Cross Section 57-La-139 To 139.5 %



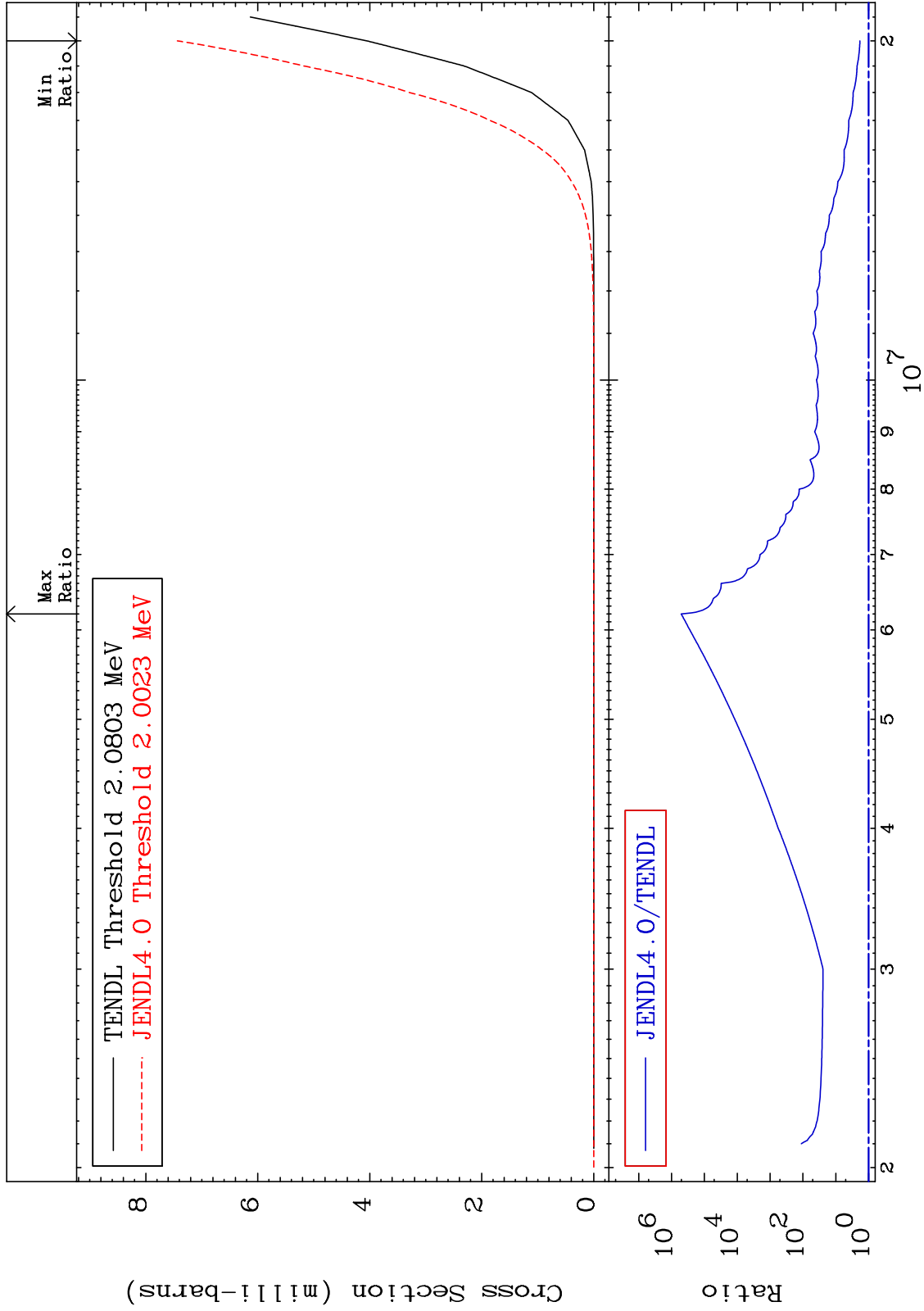
MAT 5728

(n, n') α

57-La-139

Cross Section

83.45 To 9999. %



57-La-139

Incident Energy (eV)

6

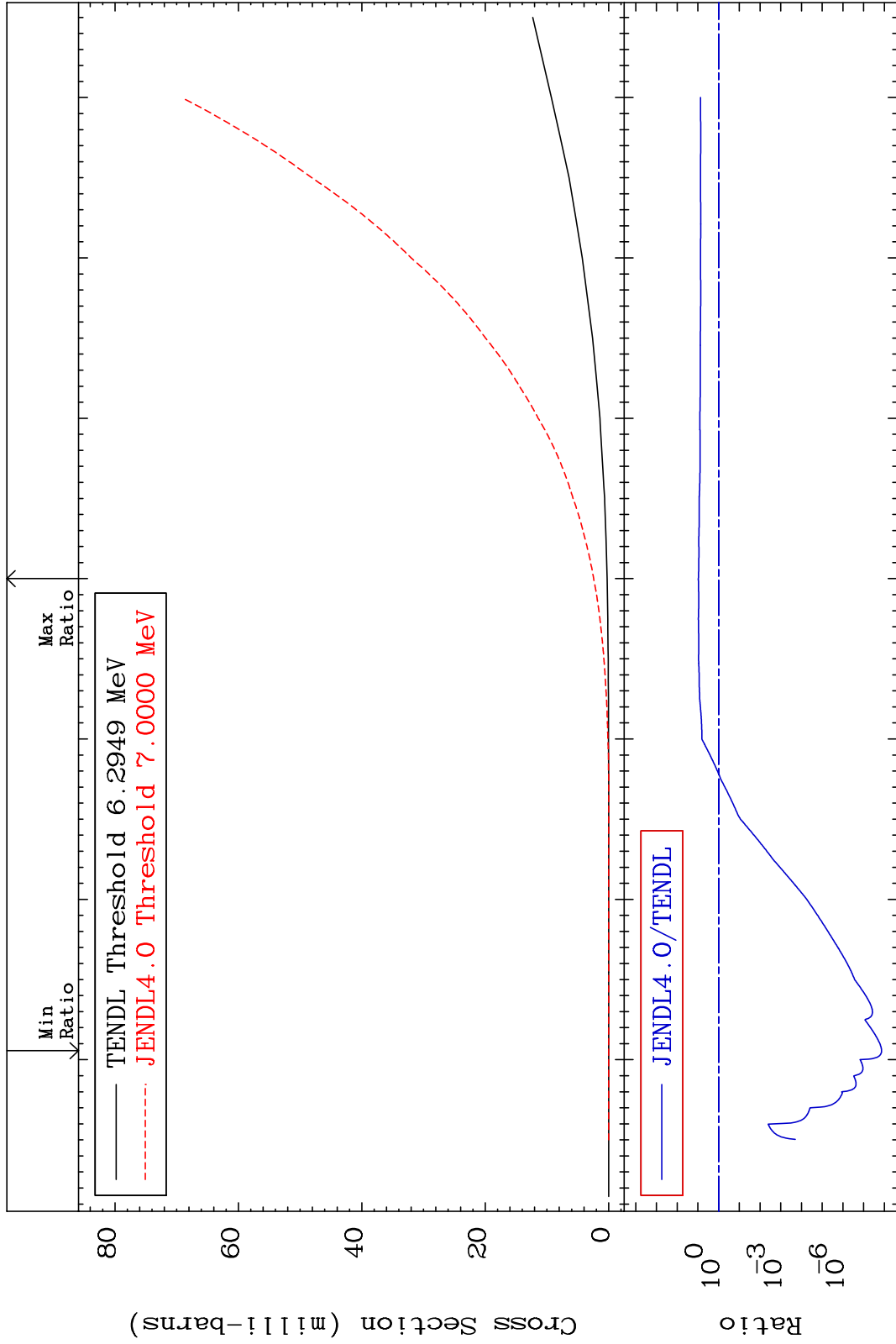
MAT 5728

(n,n') p

57-La-139

Cross Section

-100.0 To 850.0 %



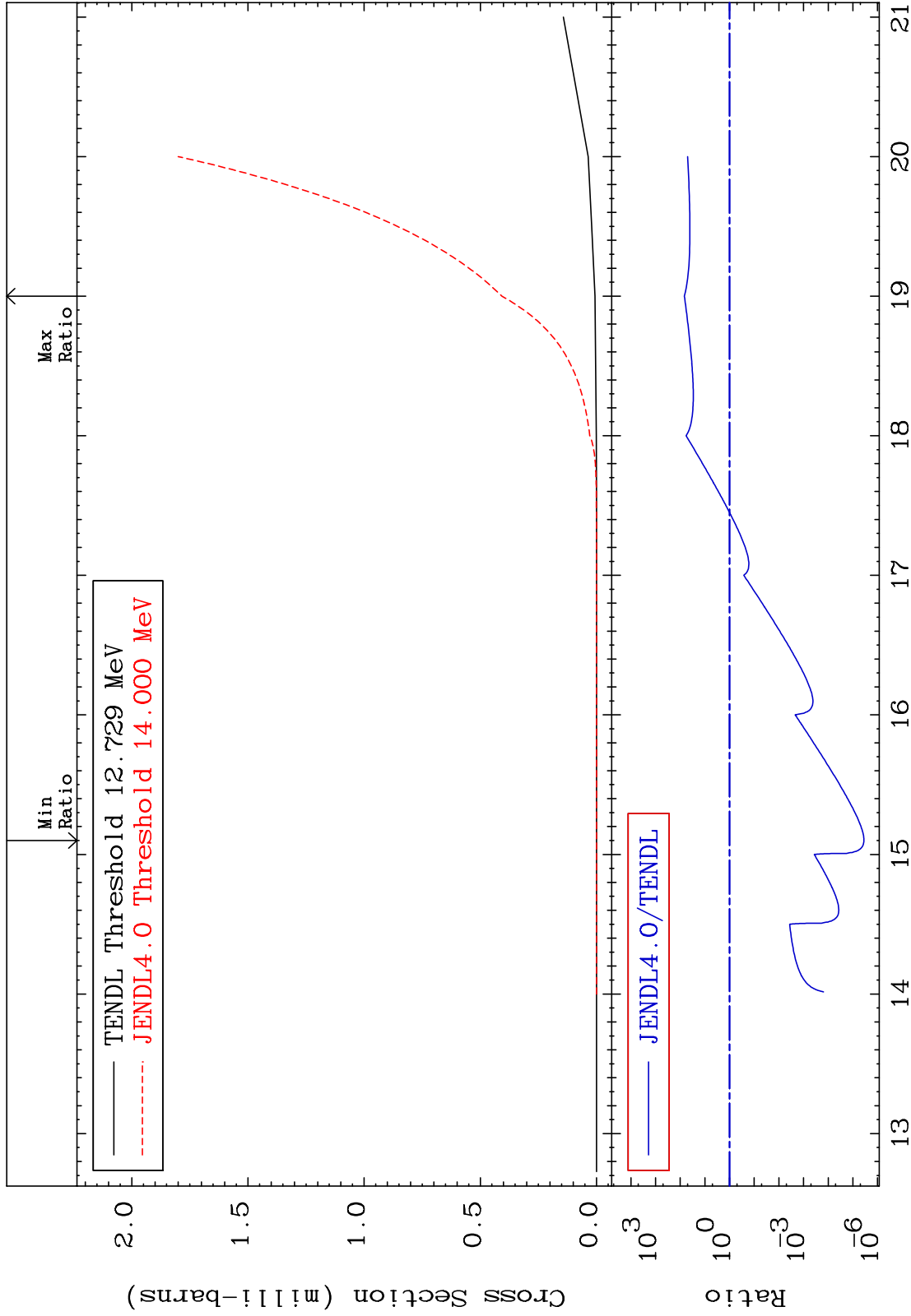
MAT 5728

(n,n') d

57-La-139

Cross Section

-100.0 To 6682. %



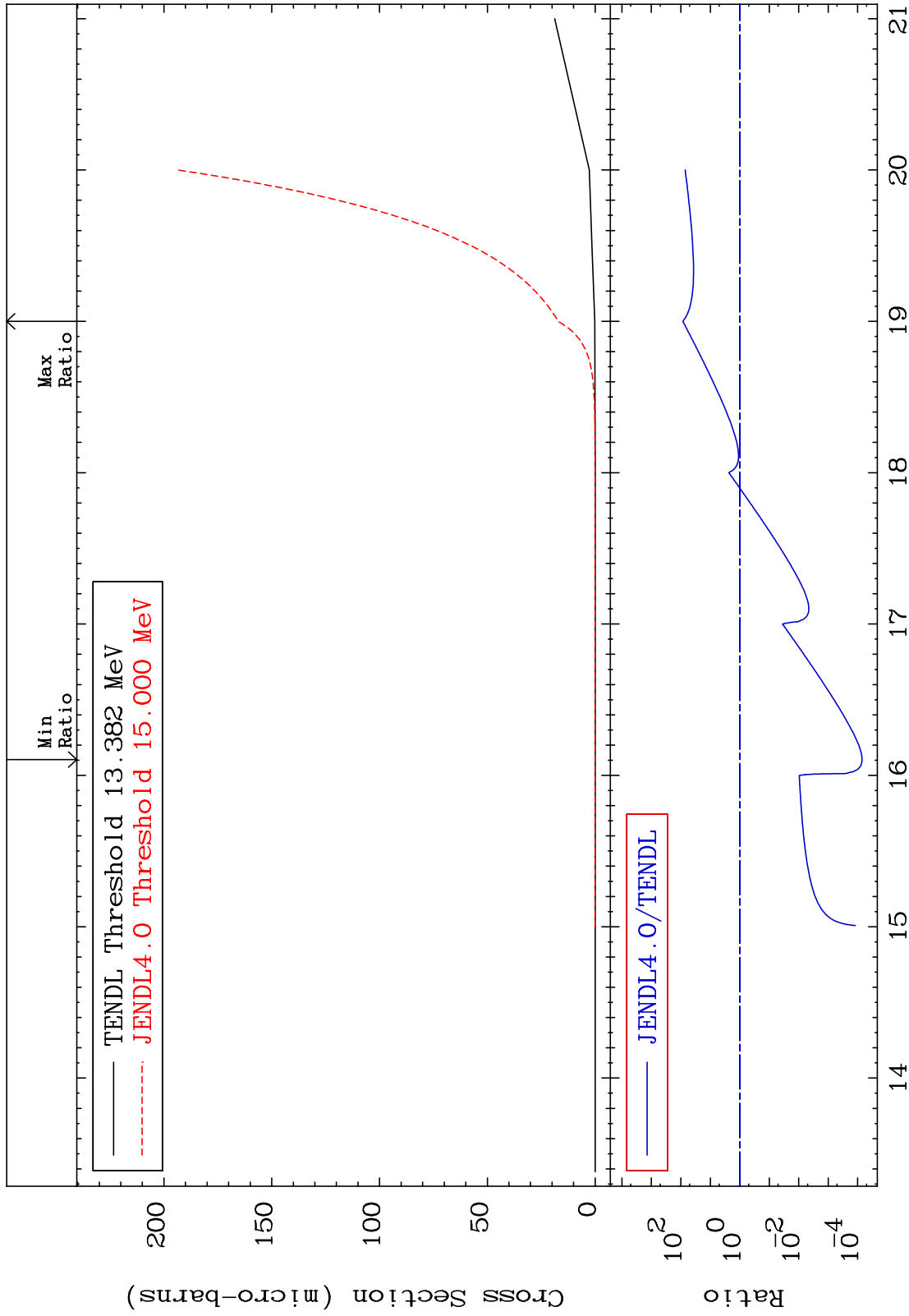
MAT 5728

(n, n') t

57-La-139

Cross Section

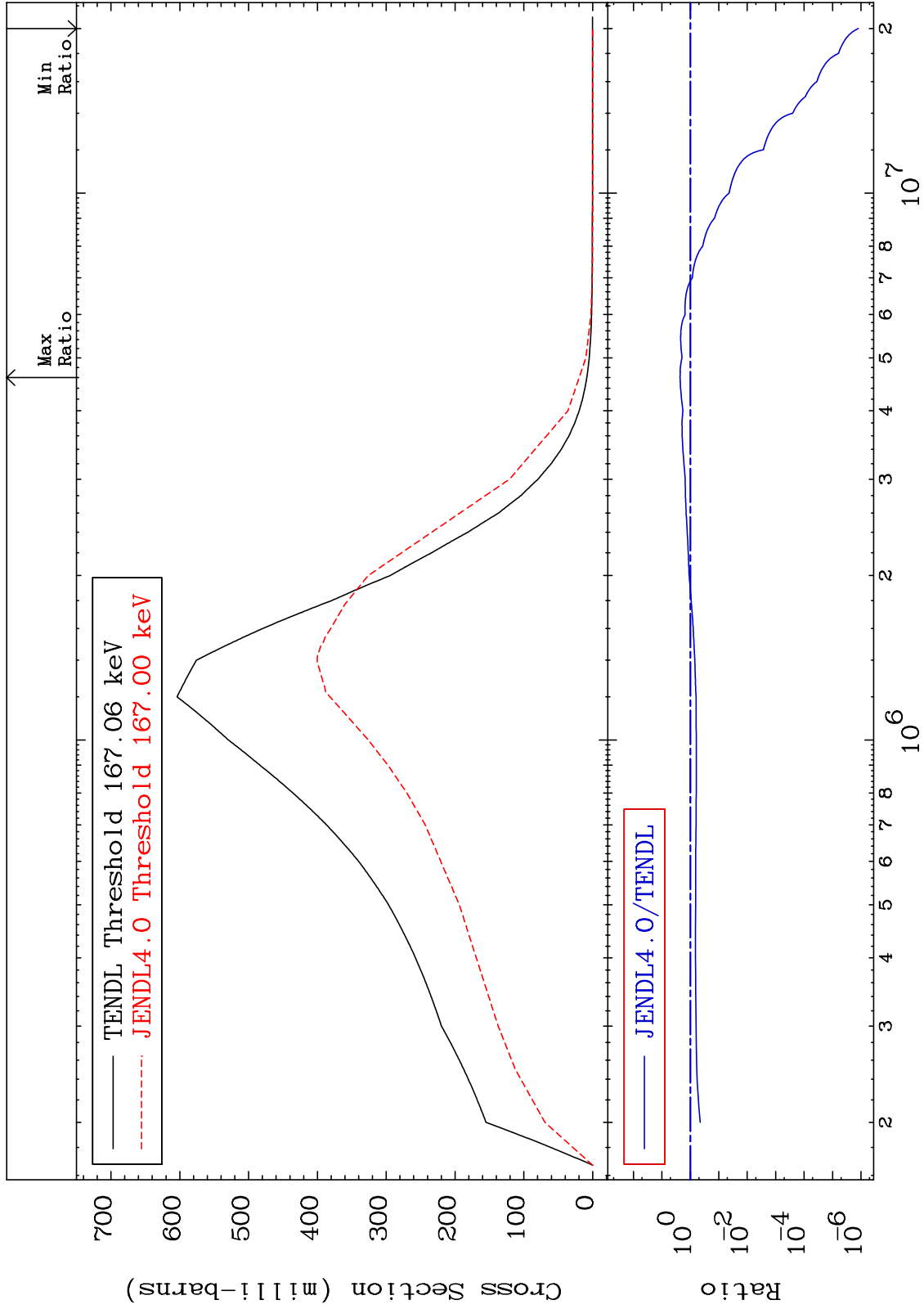
-99.99 To 8421. %



MAT 5728

MT= 51 (n,n') Level
Cross Section

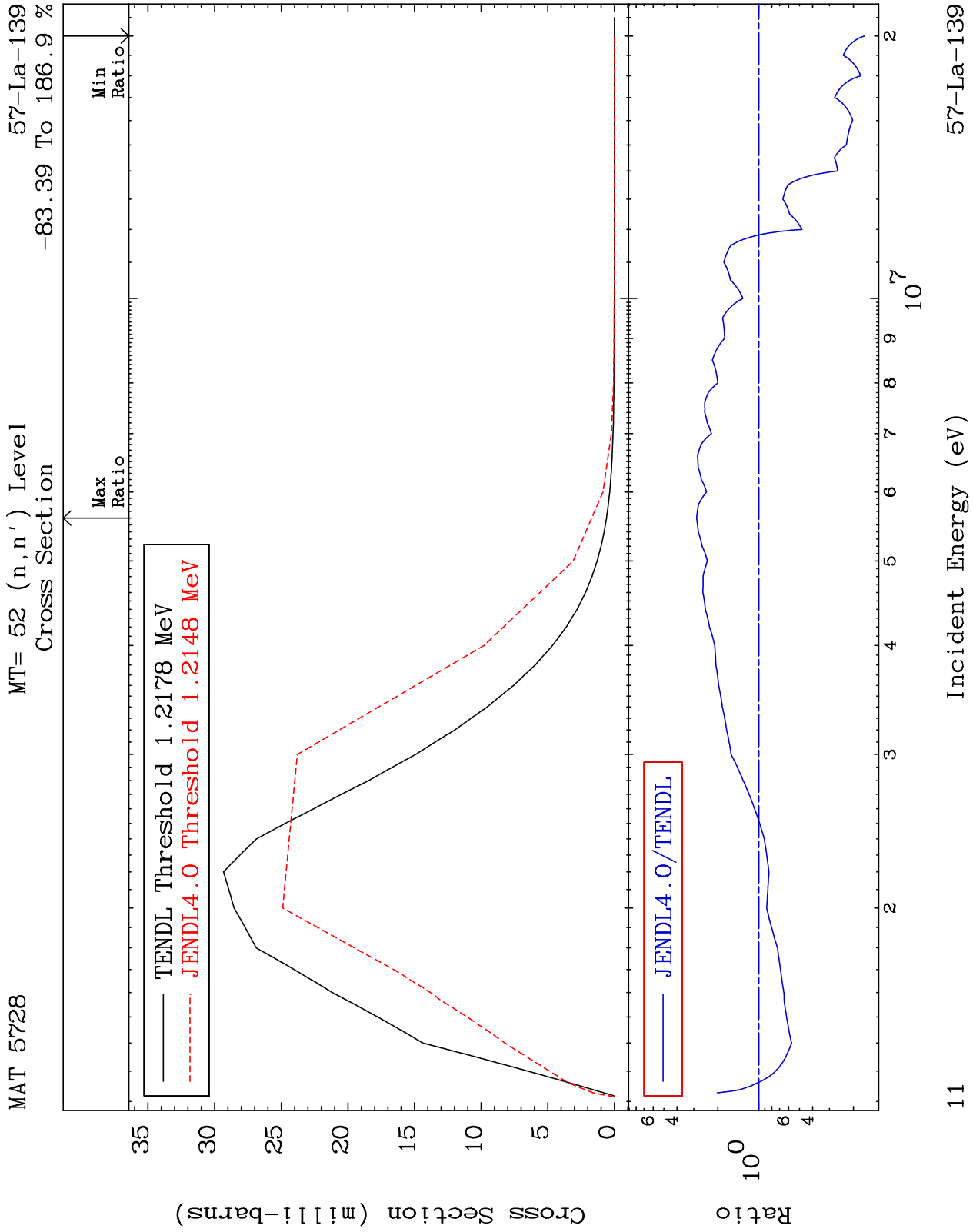
57-La-139
-100.0 To 130.3 %



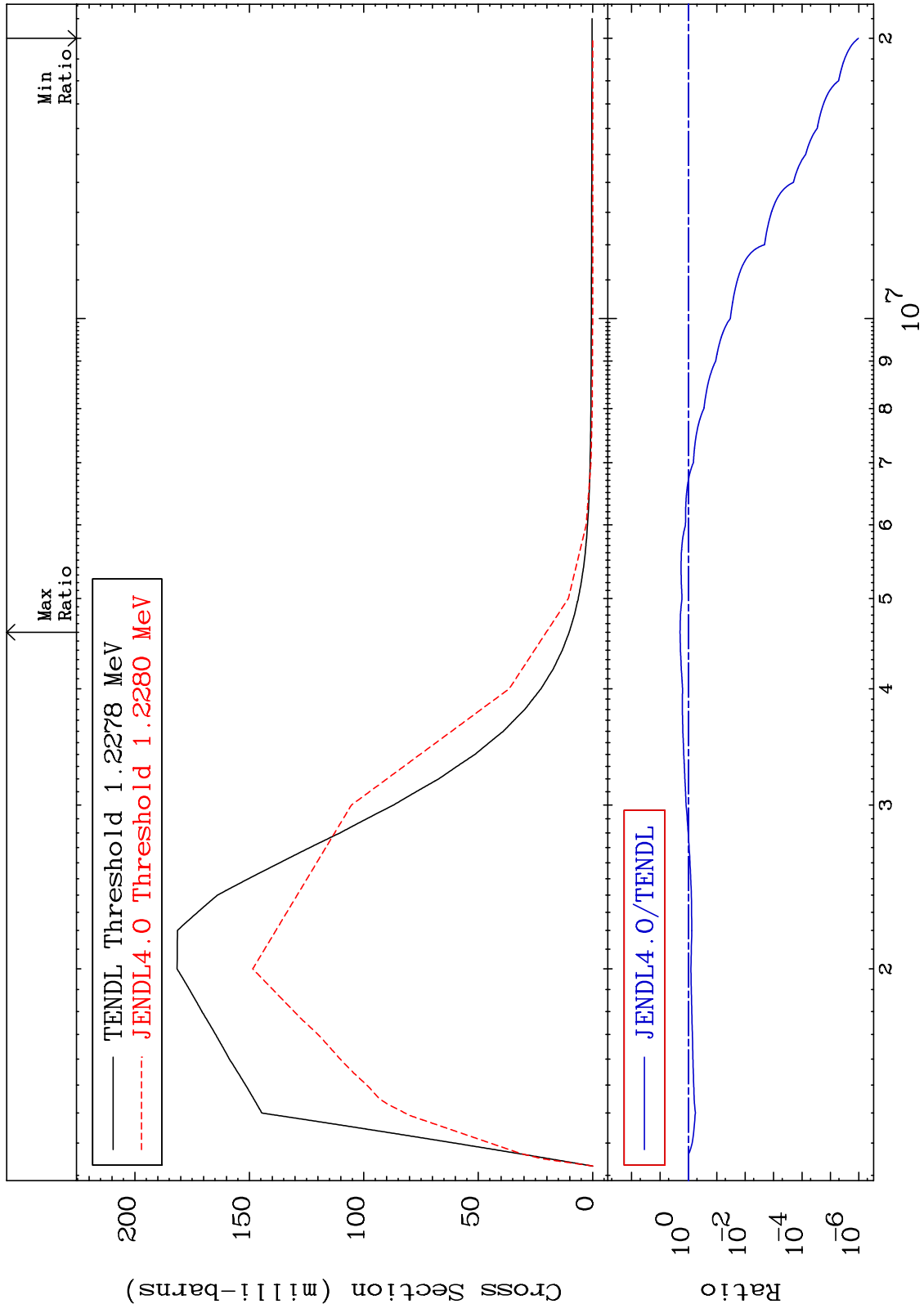
10

Incident Energy (eV)

57-La-139



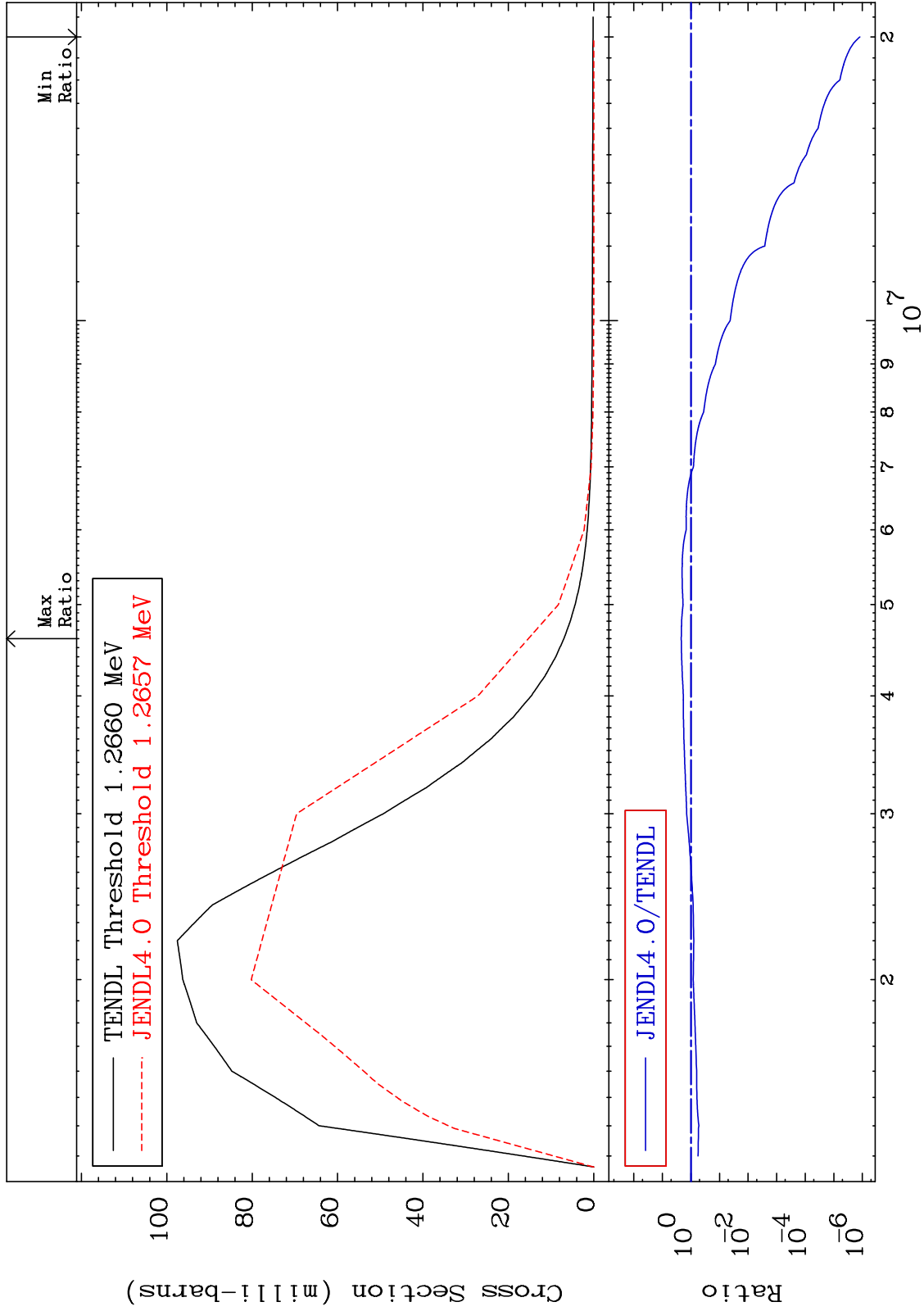
MAT 5728 MT= 53 (n, n') Level Cross Section 57-La-139 -100.0 To 97.66 %



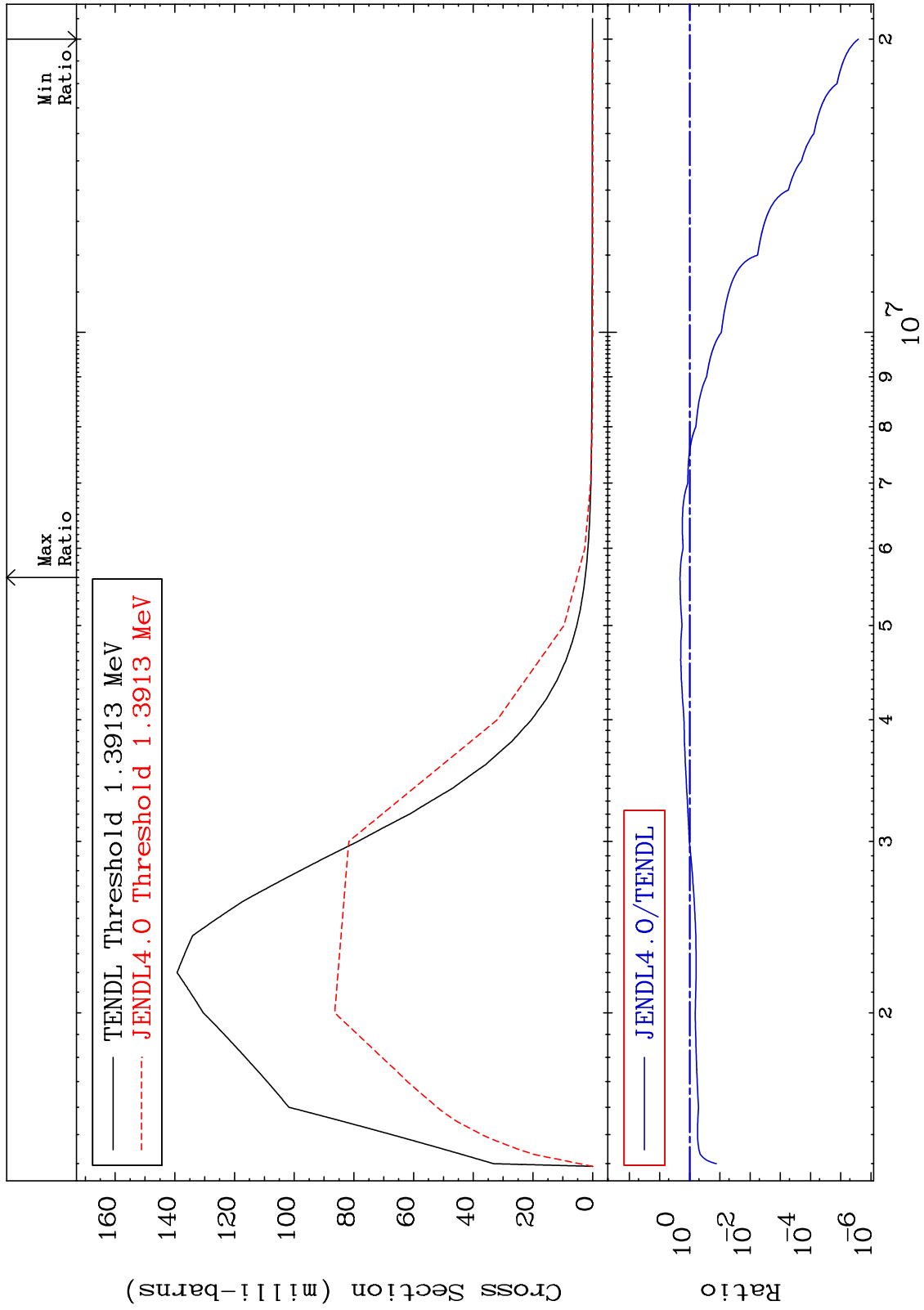
MAT 5728

MT= 54 (n, n') Level
Cross Section

57-La-139
-100.0 To 119.3 %



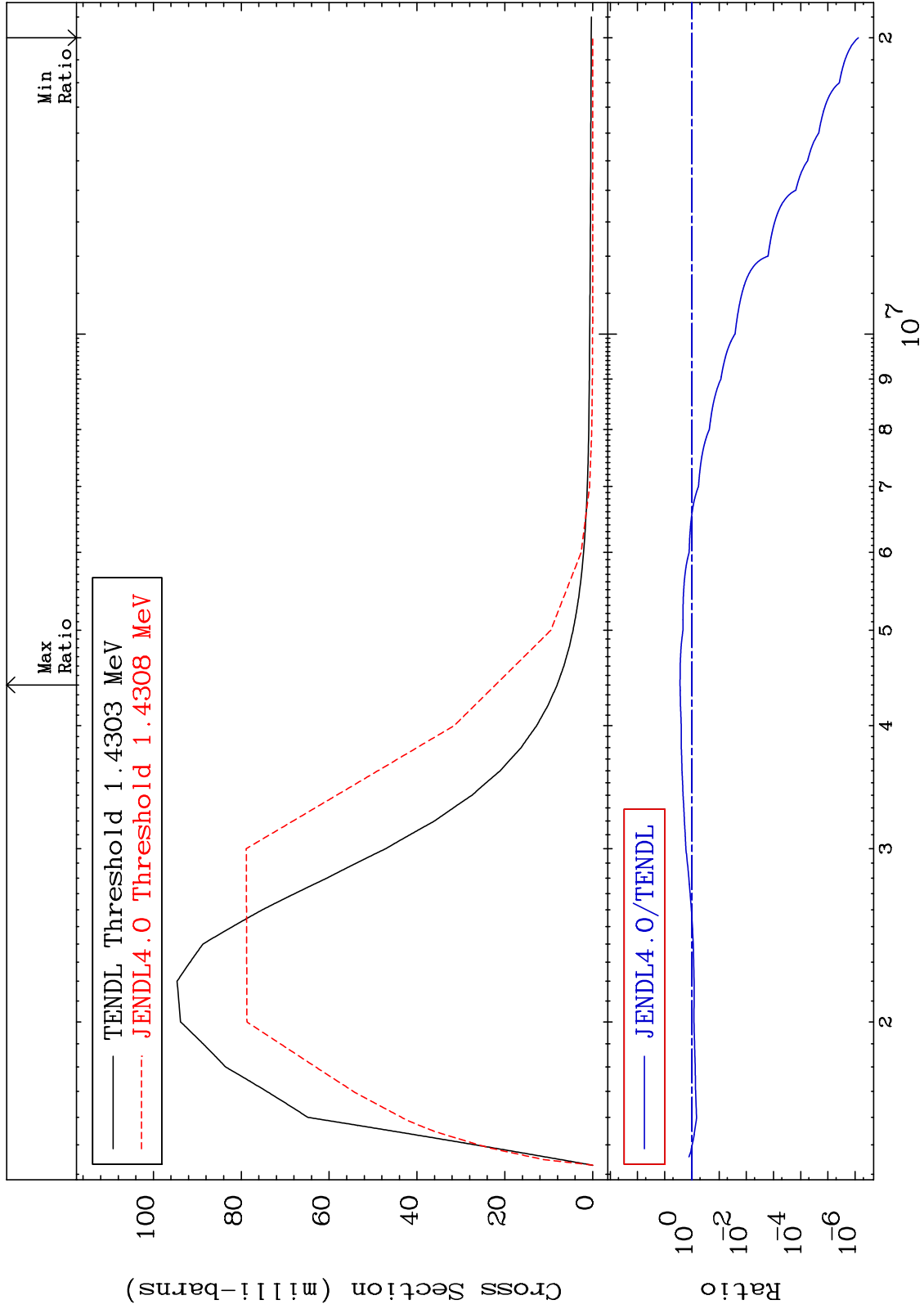
MAT 5728 MT= 55 (n, n') Level Cross Section 57-La-139 -100.0 To 110.4 %



MAT 5728

MT= 56 (n,n') Level
Cross Section

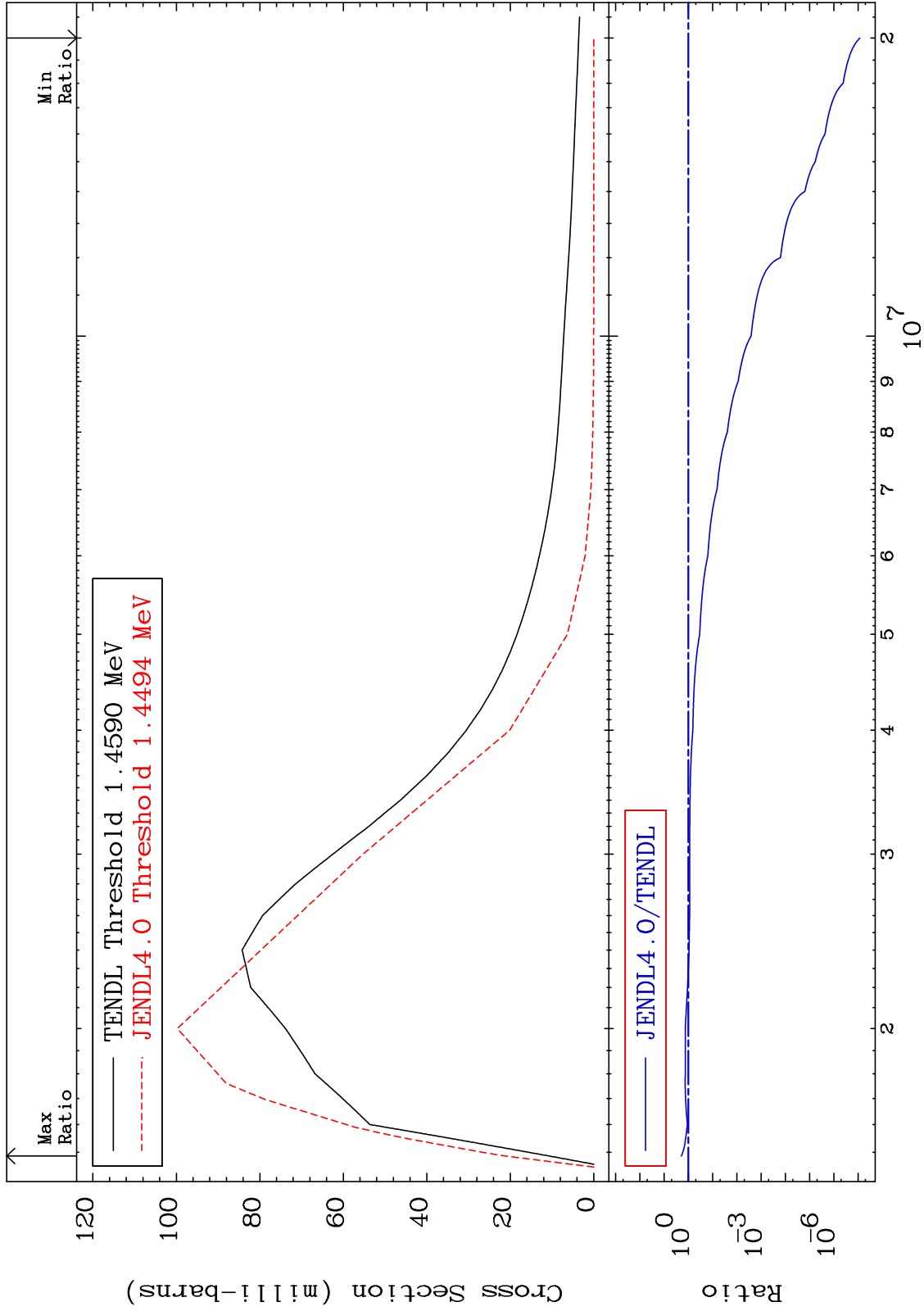
57-La-139
-100.0 To 173.8 %



MAT 5728

MT= 57 (n,n') Level
Cross Section

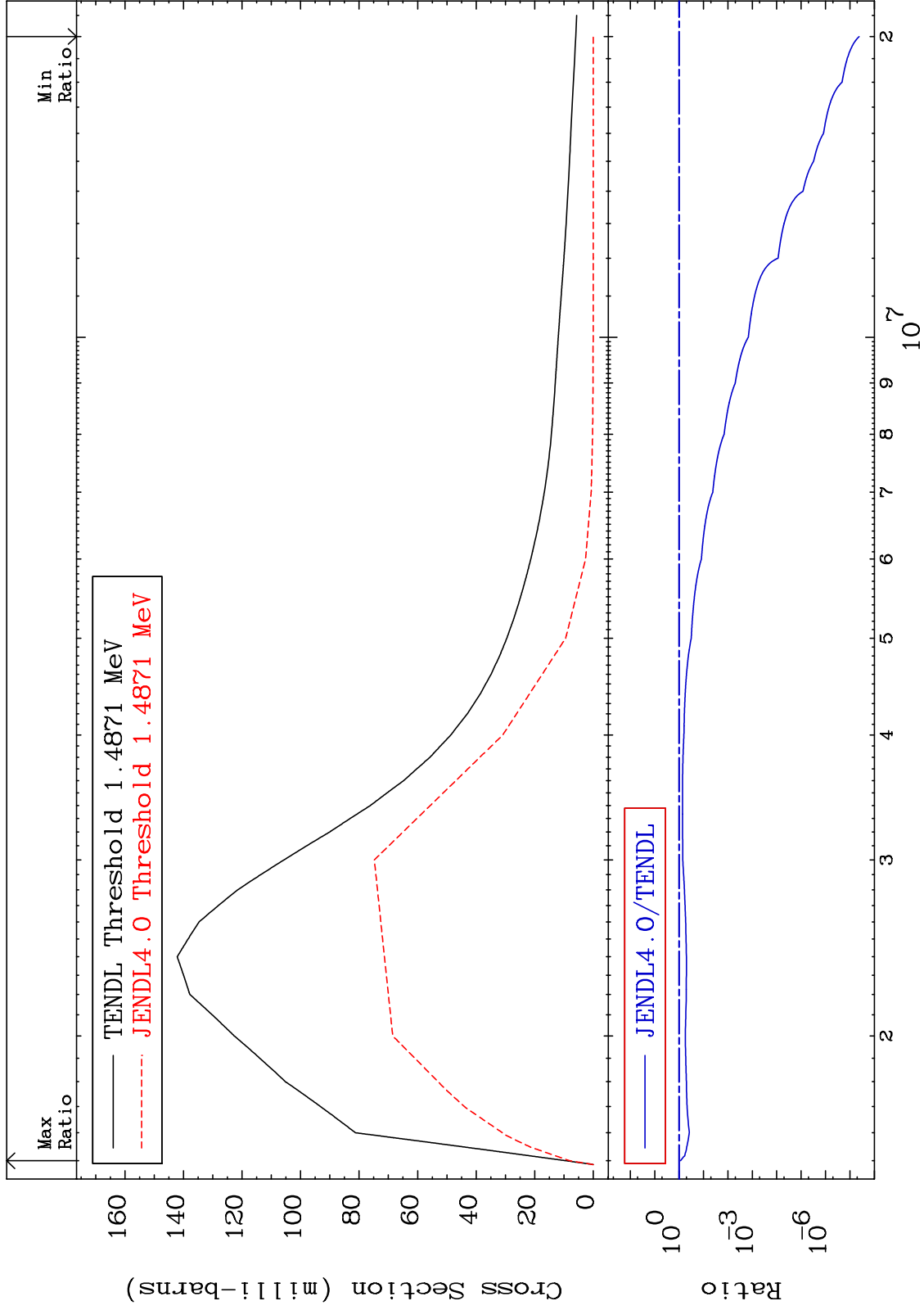
57-La-139
-100.0 To 98.30 %



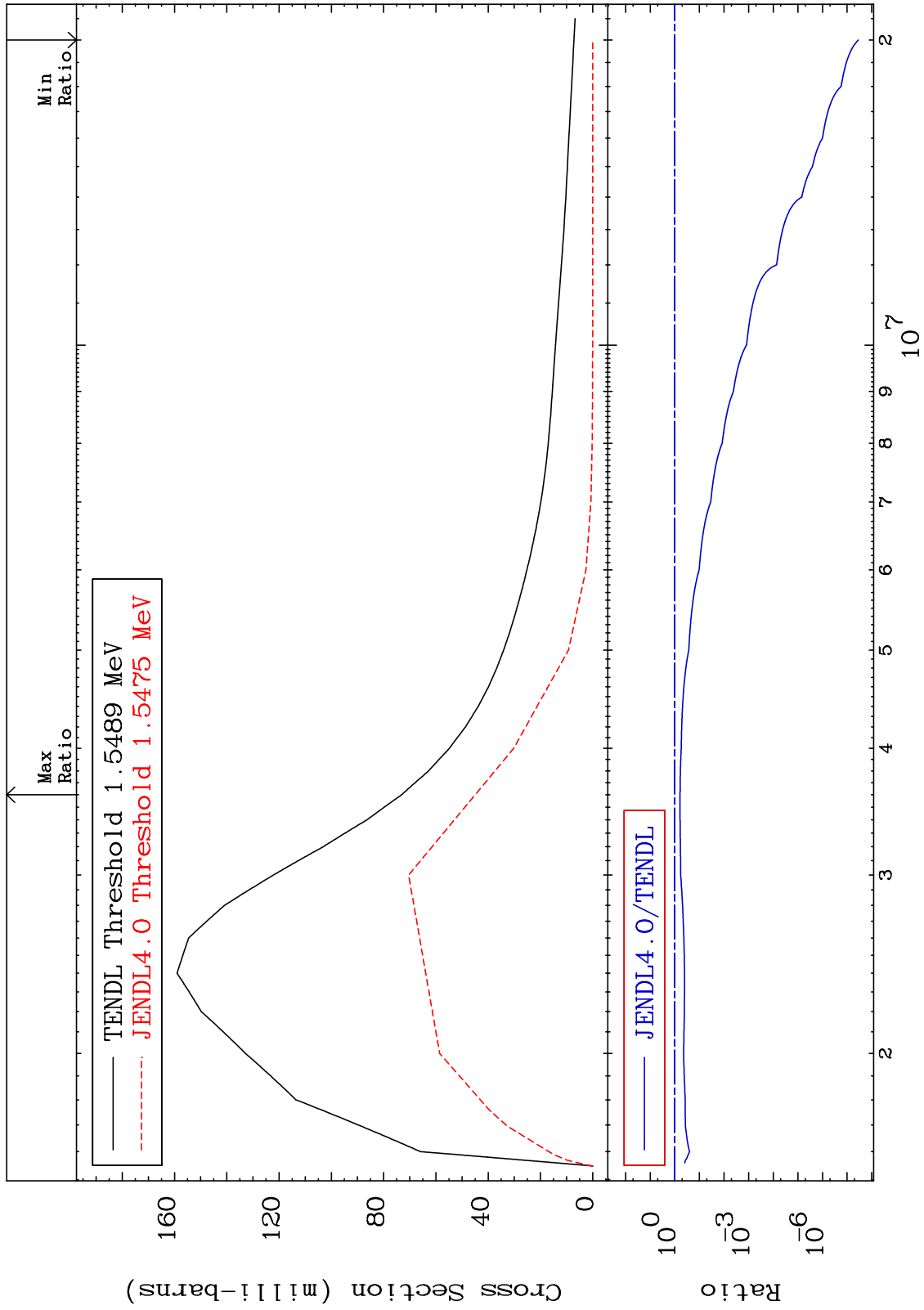
MAT 5728

MT= 58 (n,n') Level
Cross Section

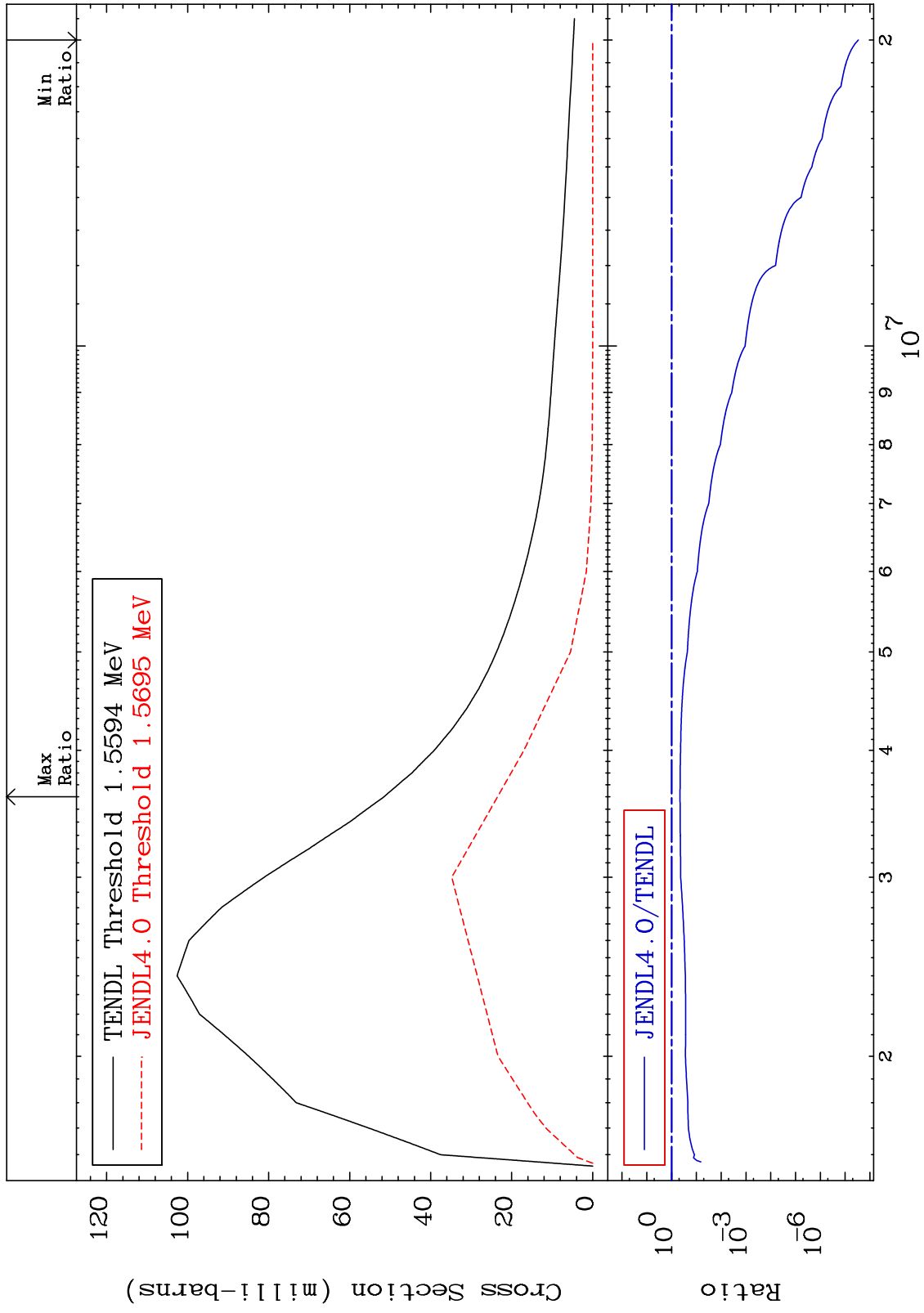
57-La-139
-100.0 To -13.36%



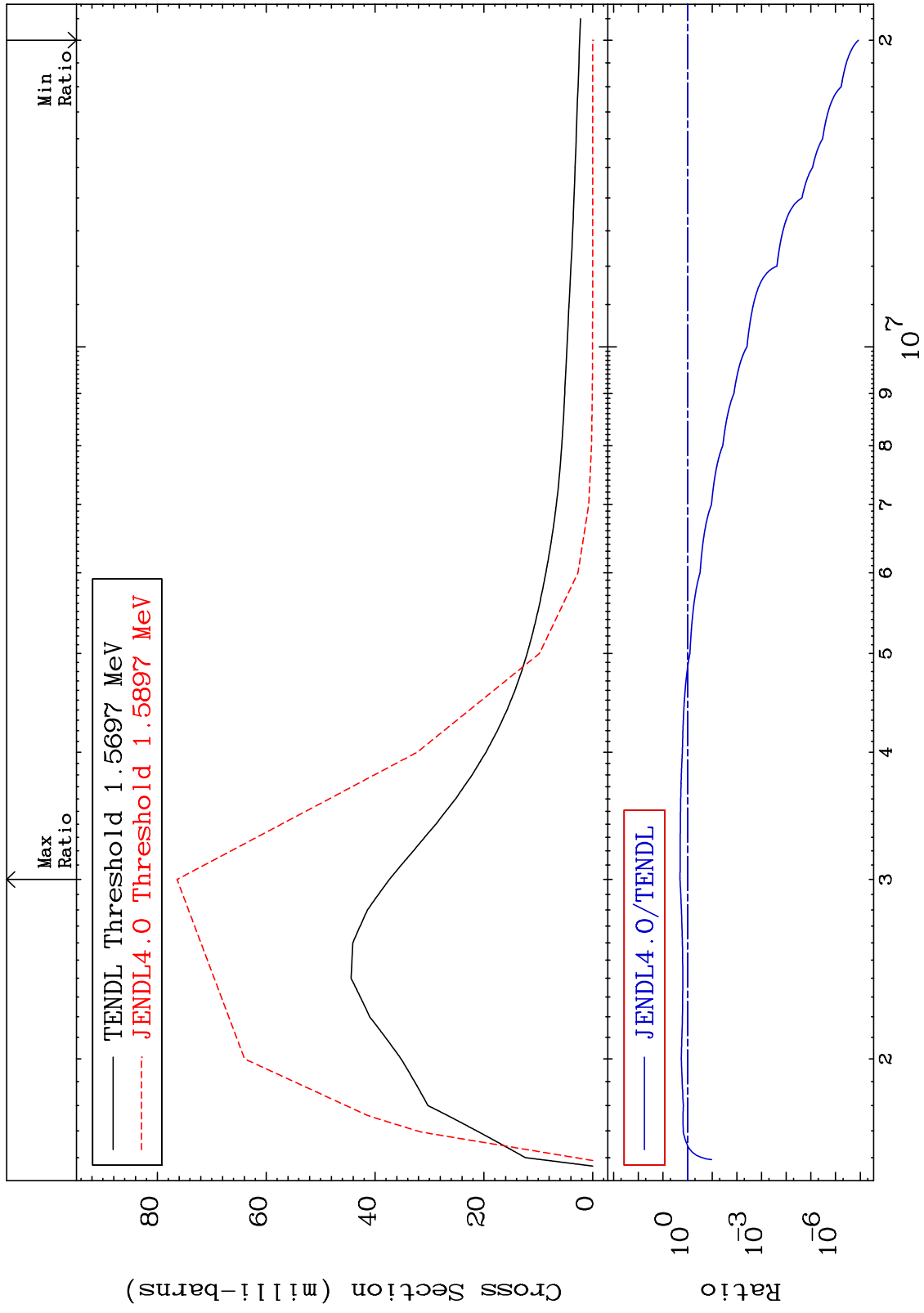
MAT 5728 MT= 59 (n, n') Level Cross Section 57-La-139 -100.0 To -38.51%



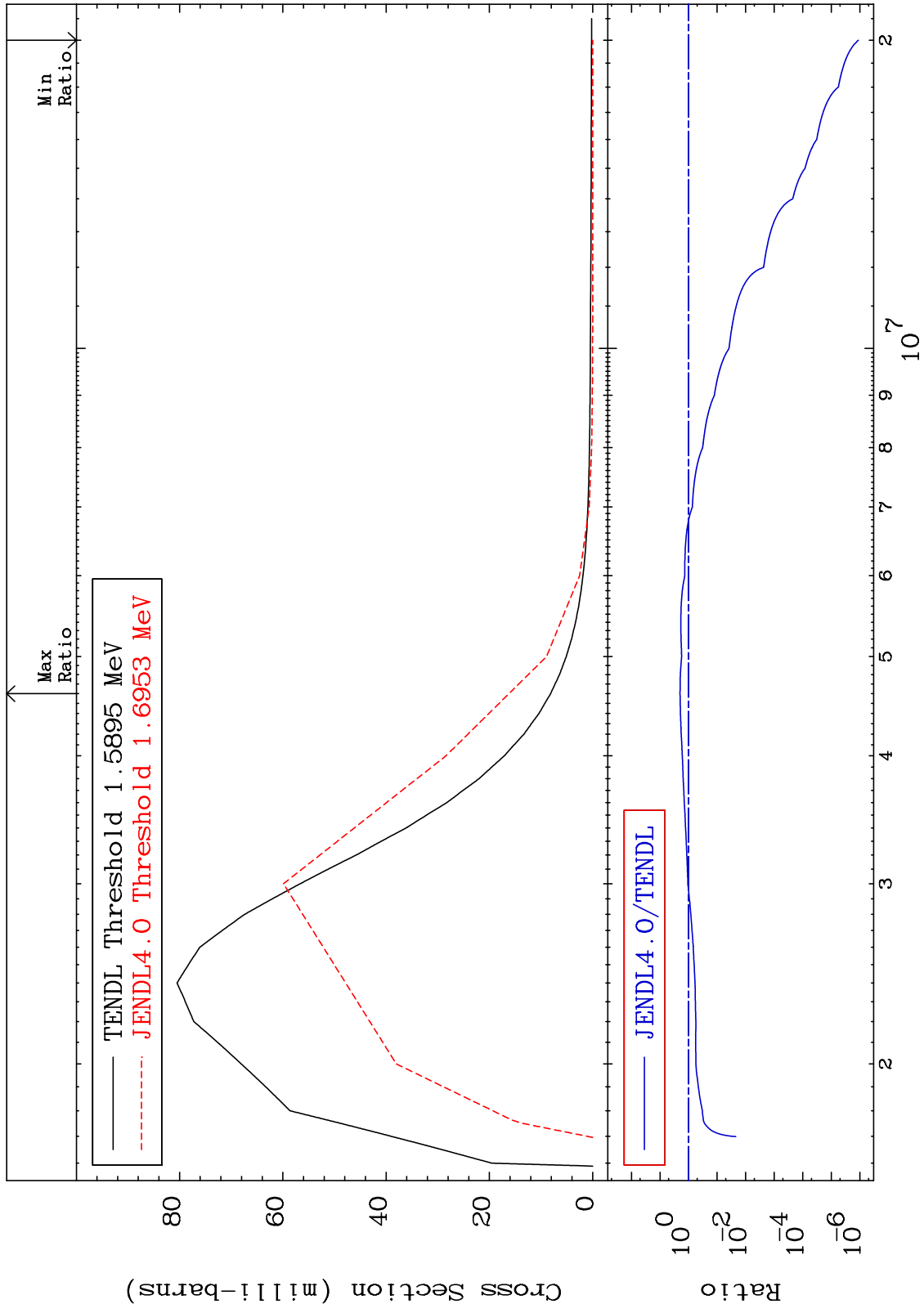
MAT 5728 MT= 60 (n,n') Level Cross Section 57-La-139 -100.0 To -54.40%



MAT 5728 MT= 61 (n,n') Level Cross Section 57-La-139 -100.0 To 104.4 %



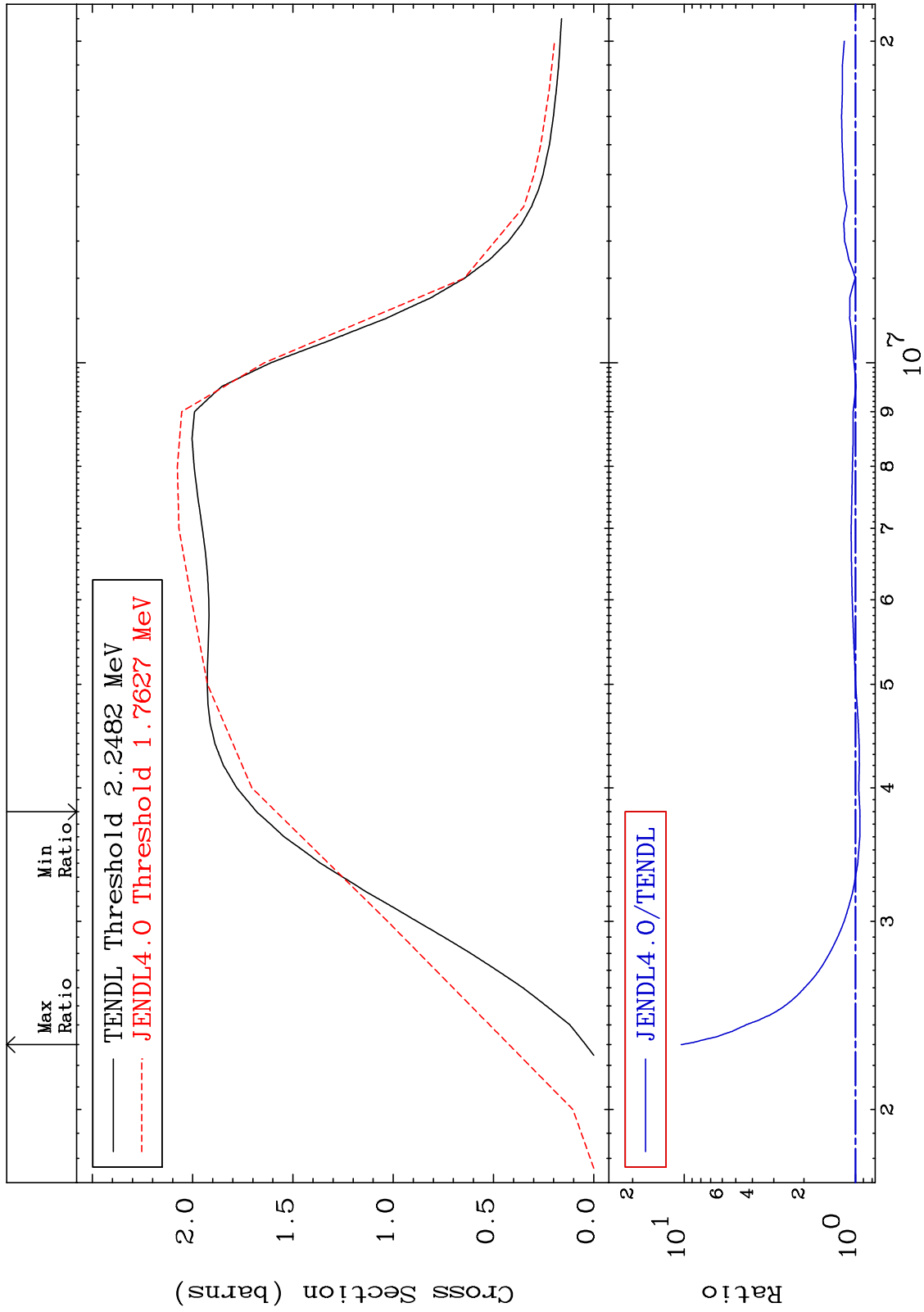
MAT 5728 MT= 62 (n,n') Level Cross Section 57-La-139 -100.0 To 99.03 %



MAT 5728

(n, n') Continuum
Cross Section

57-La-139
-5.793 To 940.3 %



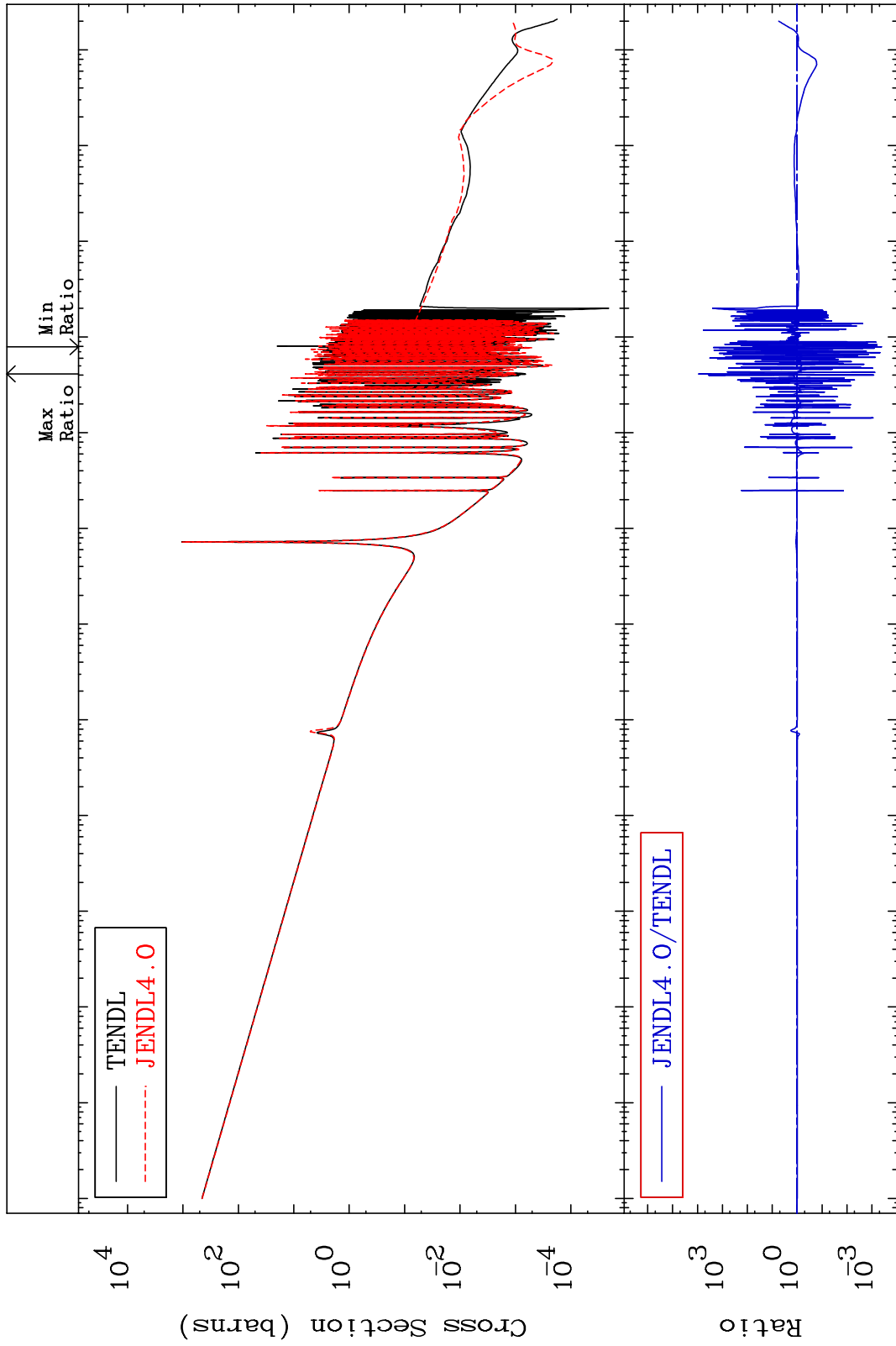
MAT 5728

(n, γ)

57-La-139

Cross Section

-99.96 To 9999. %



Incident Energy (eV)

57-La-139

23

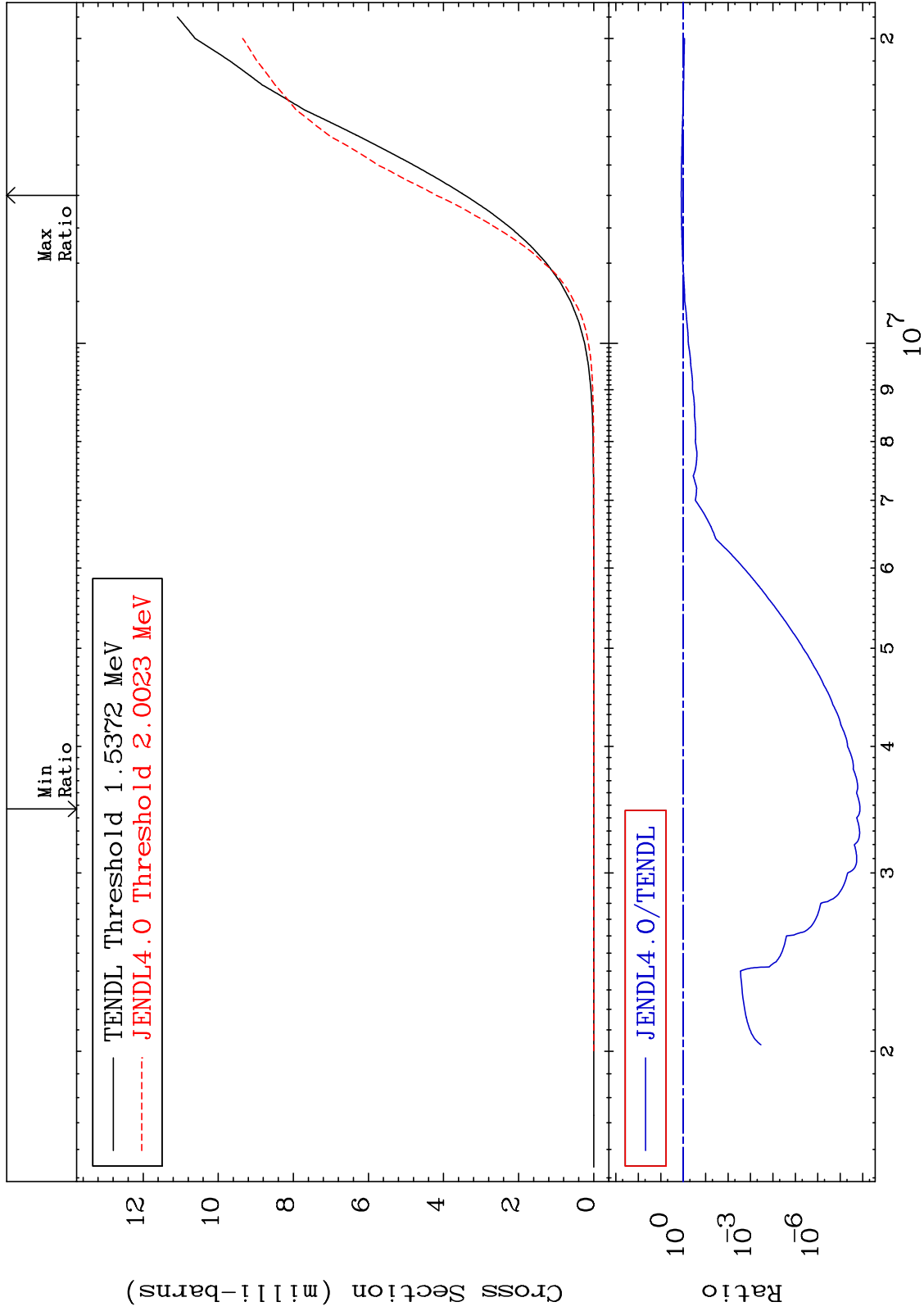
MAT 5728

(n,p)

57-La-139

Cross Section

-100.0 To 22.46 %



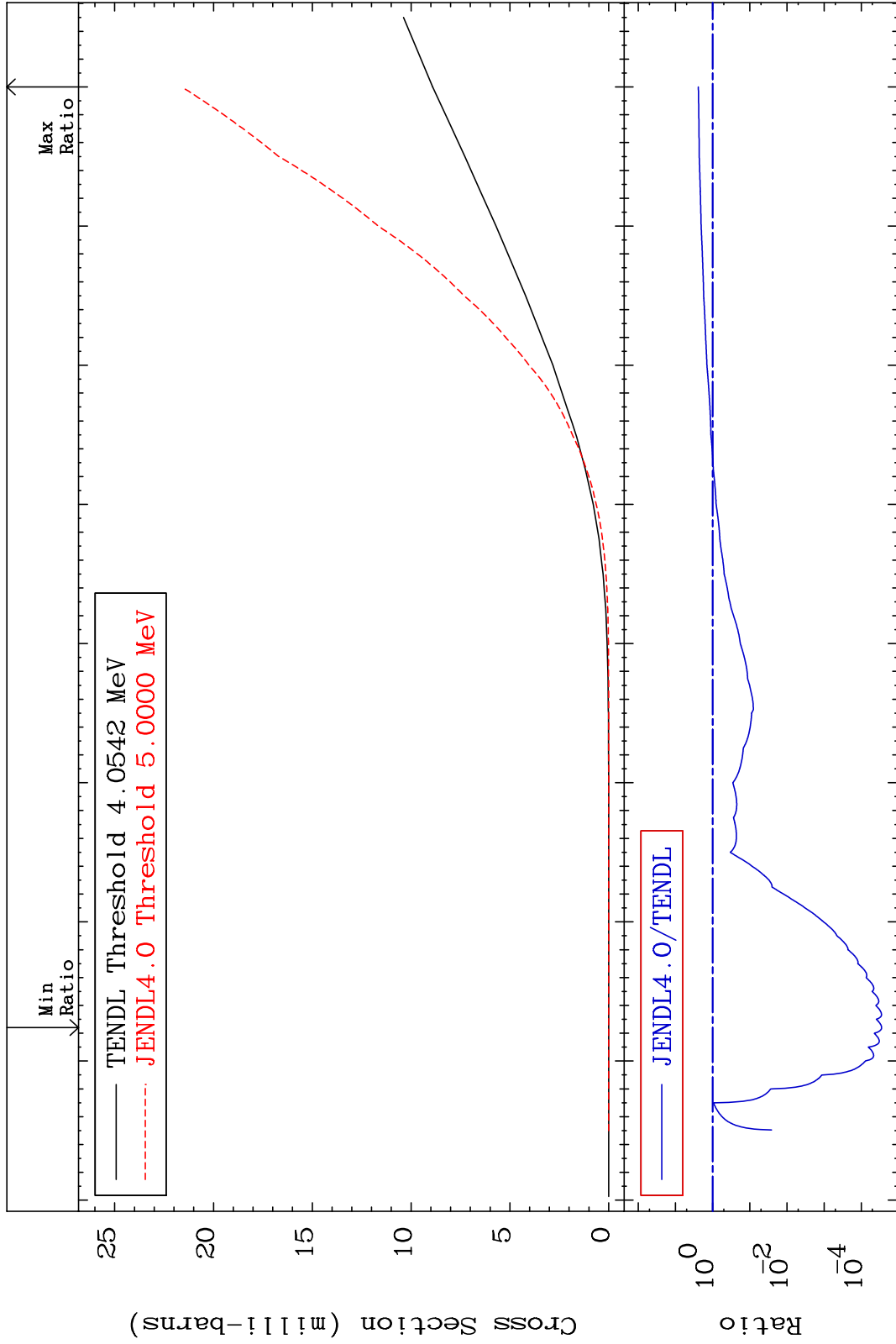
MAT 5728

(n, d)

57-La-139

Cross Section

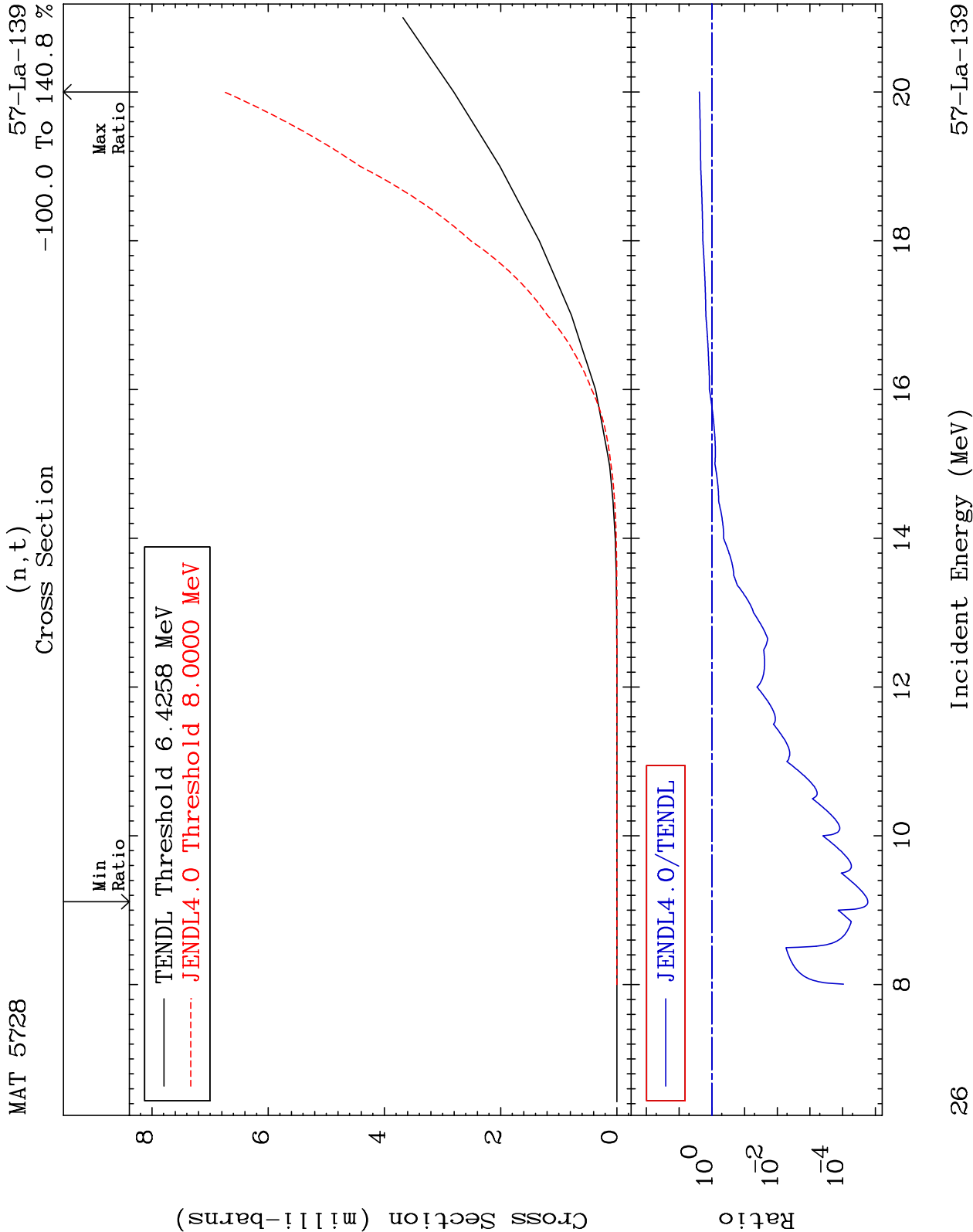
-100.0 To 142.5 %



57-La-139

Incident Energy (MeV)

25



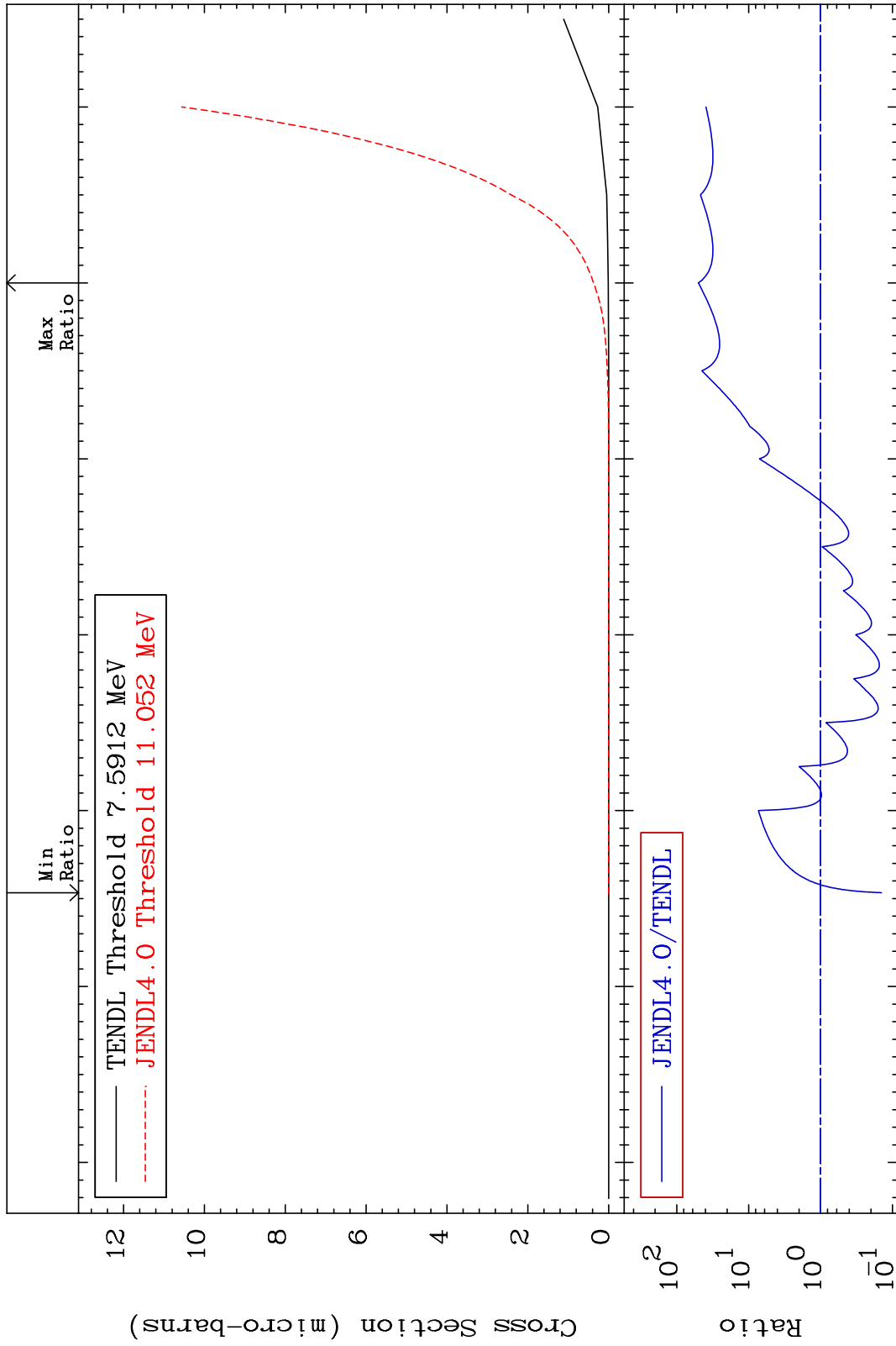
MAT 5728

(n, He-3)

57-La-139

Cross Section

-85.77 To 4916. %



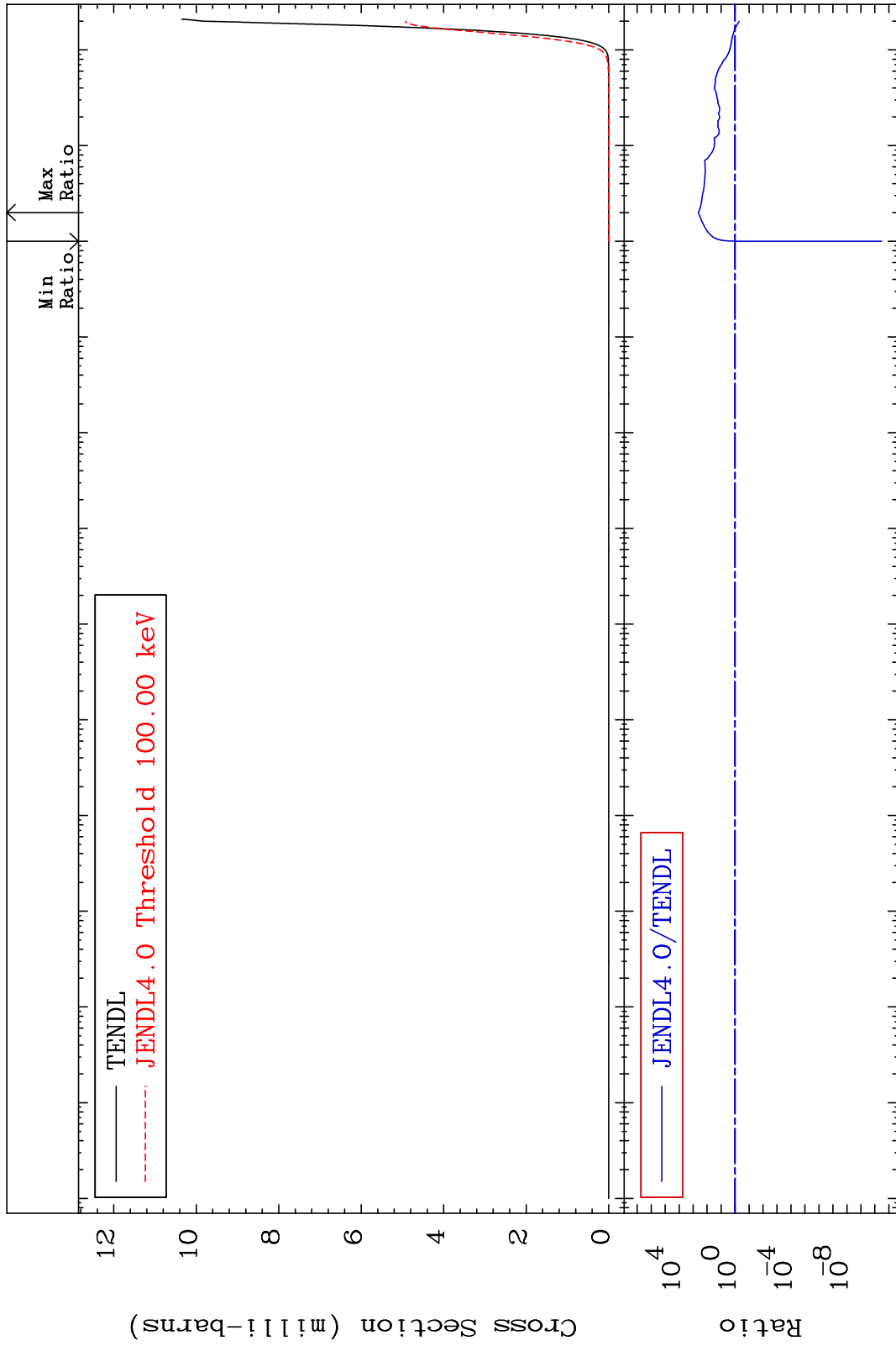
MAT 5728

(n, α)

57-La-139

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

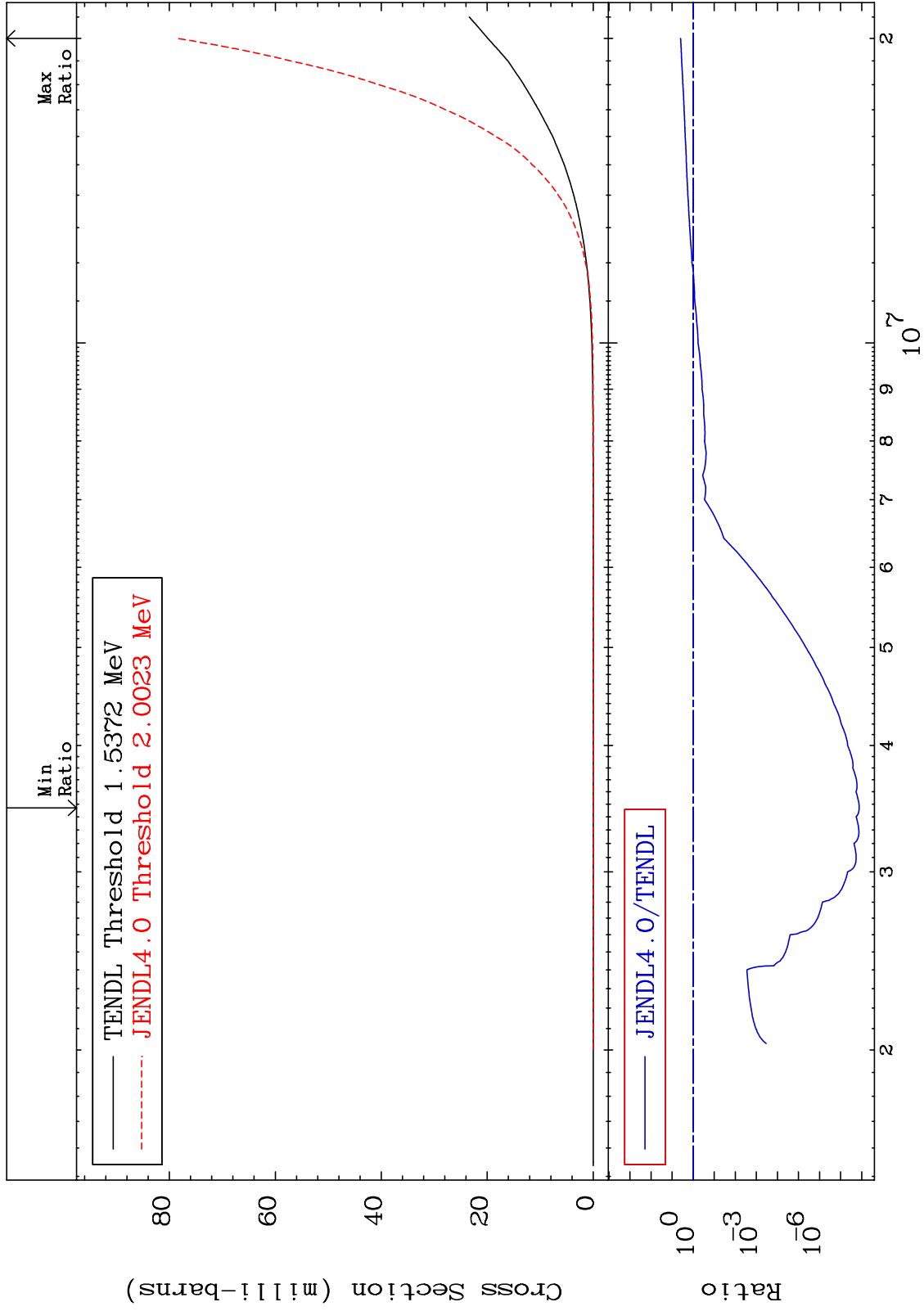
57-La-139

28

MAT 5728

Hydrogen Production
Cross Section

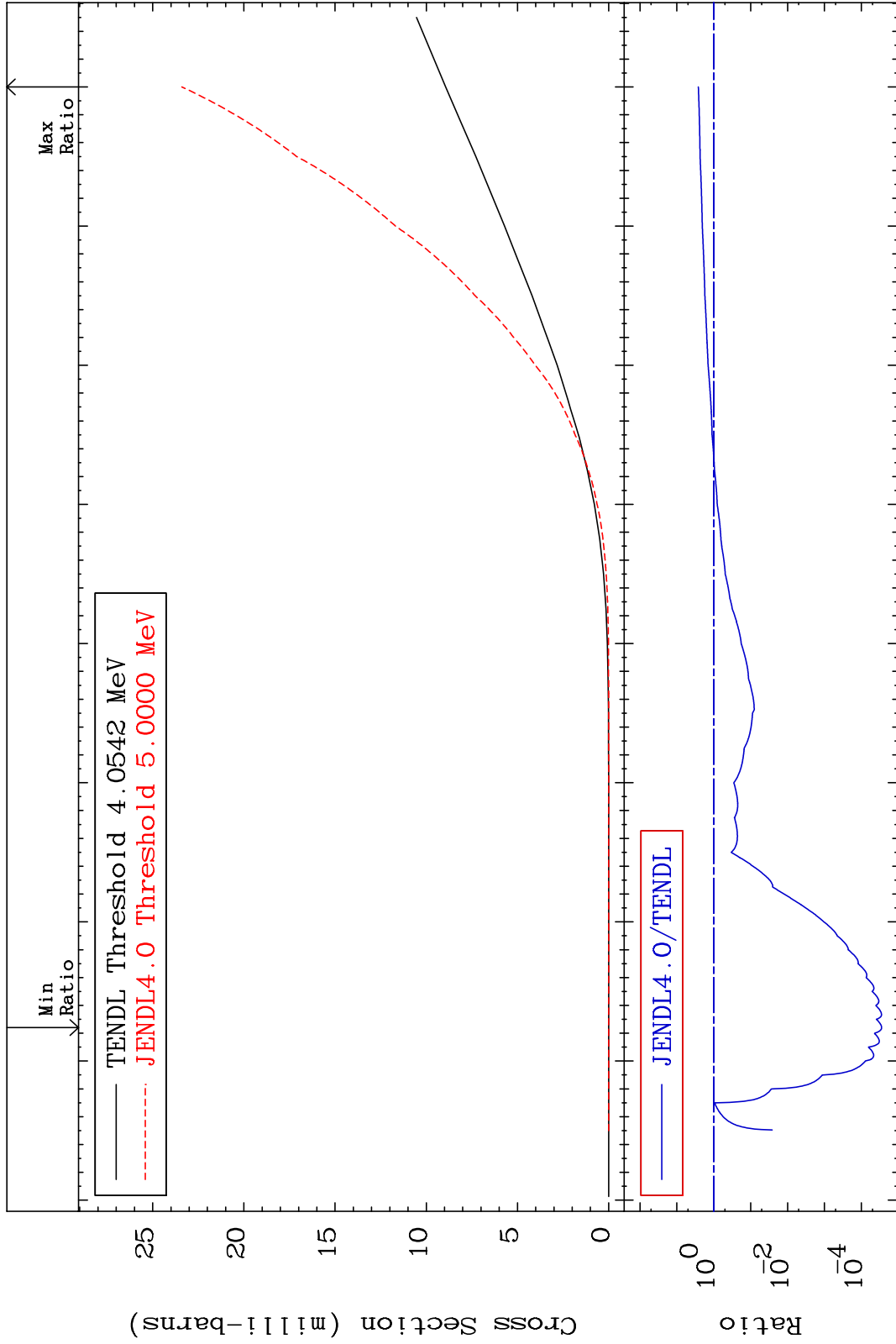
57-La-139
-100.0 To 294.6 %



MAT 5728

Deuterium Production
Cross Section

57-La-139
-100.0 To 161.7 %



57-La-139

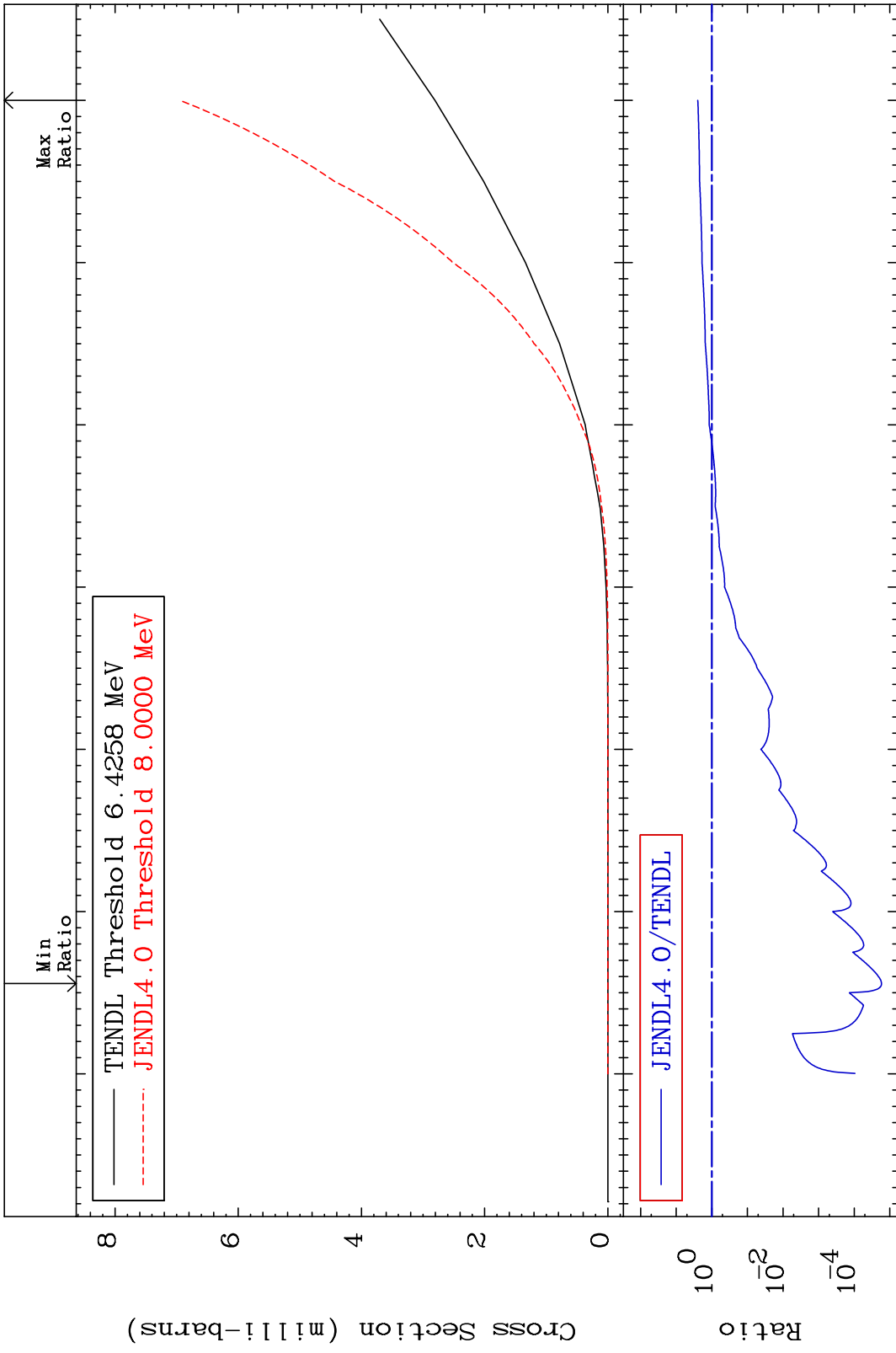
Incident Energy (MeV)

30

MAT 5728

Tritium Production
Cross Section

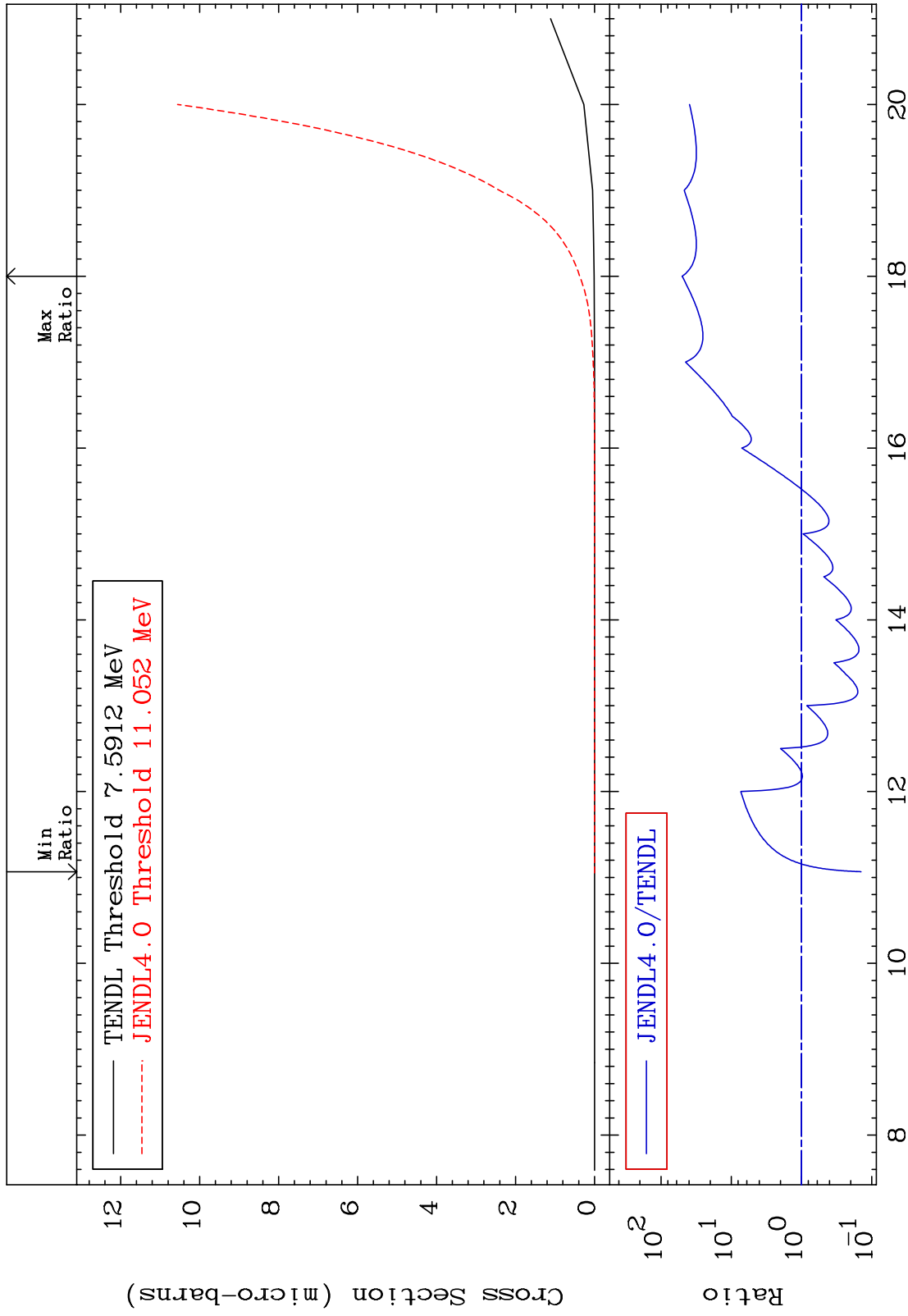
57-La-139
-100.0 To 147.5 %



MAT 5728

He-3 Production
Cross Section

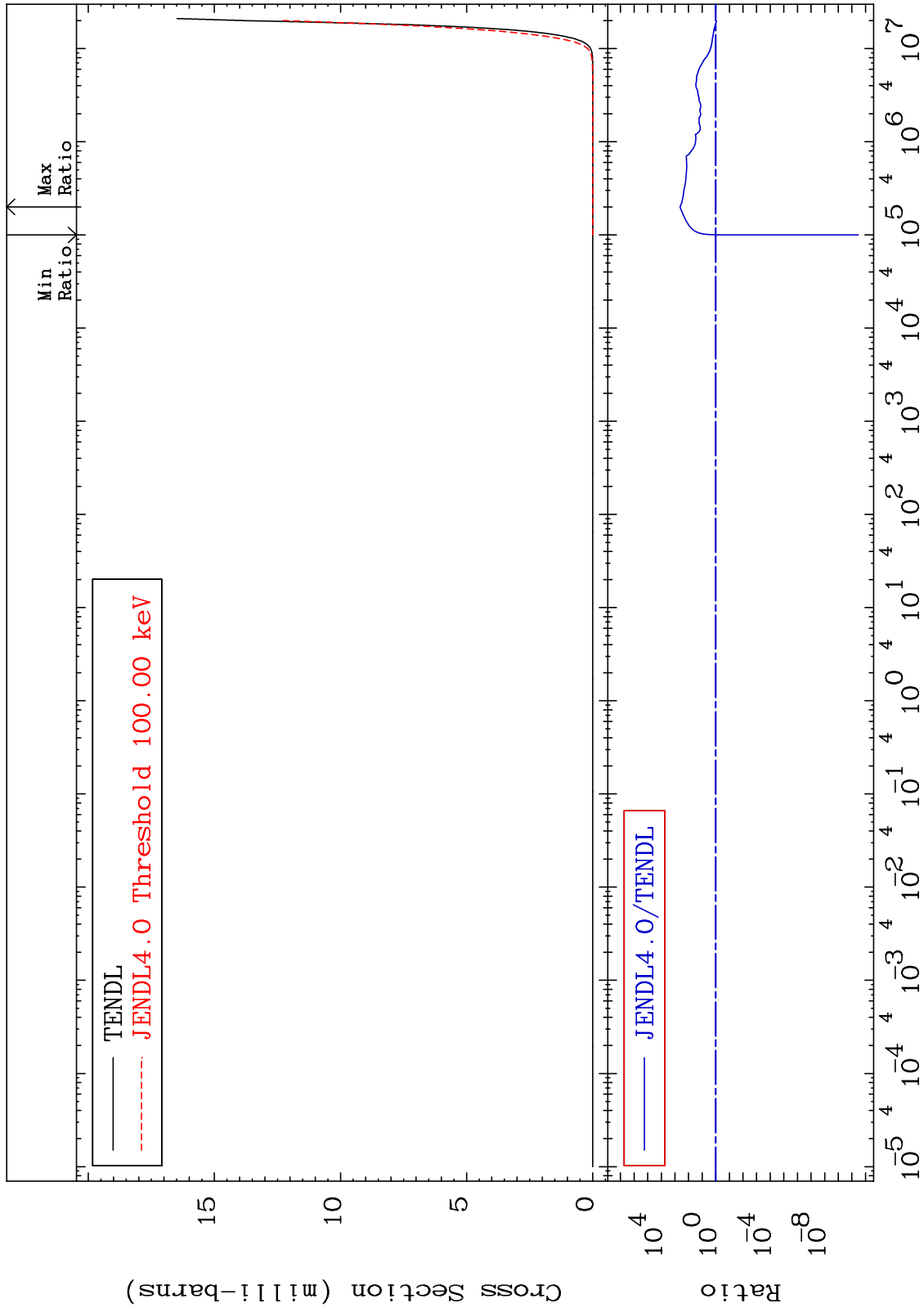
57-La-139
-85.77 To 4916. %



MAT 5728

He-4 Production
Cross Section

57-La-139
-100.0 To 9999. %



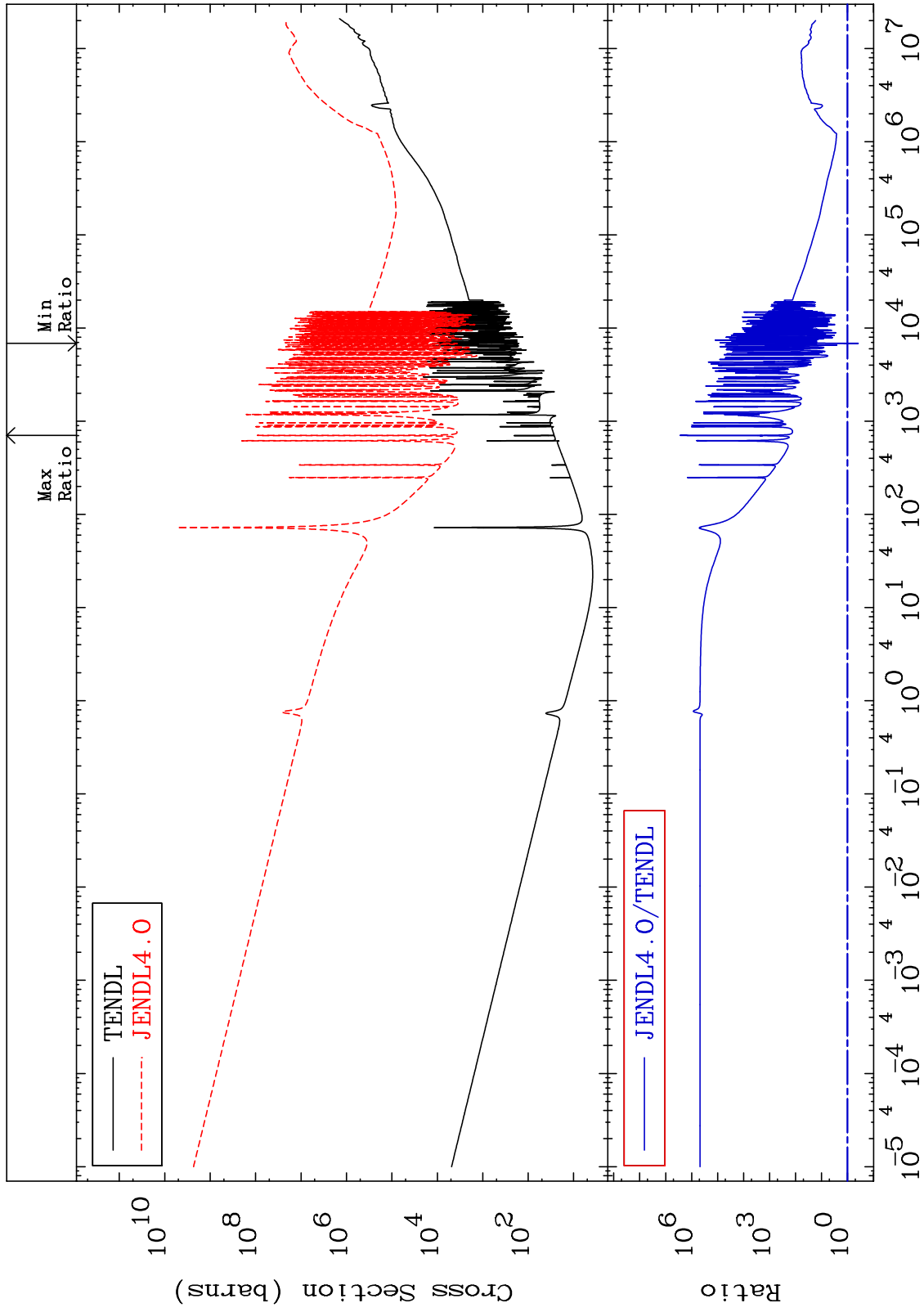
57-La-139

33

MAT 5728

Kerma total (eV-barns)
Cross Section

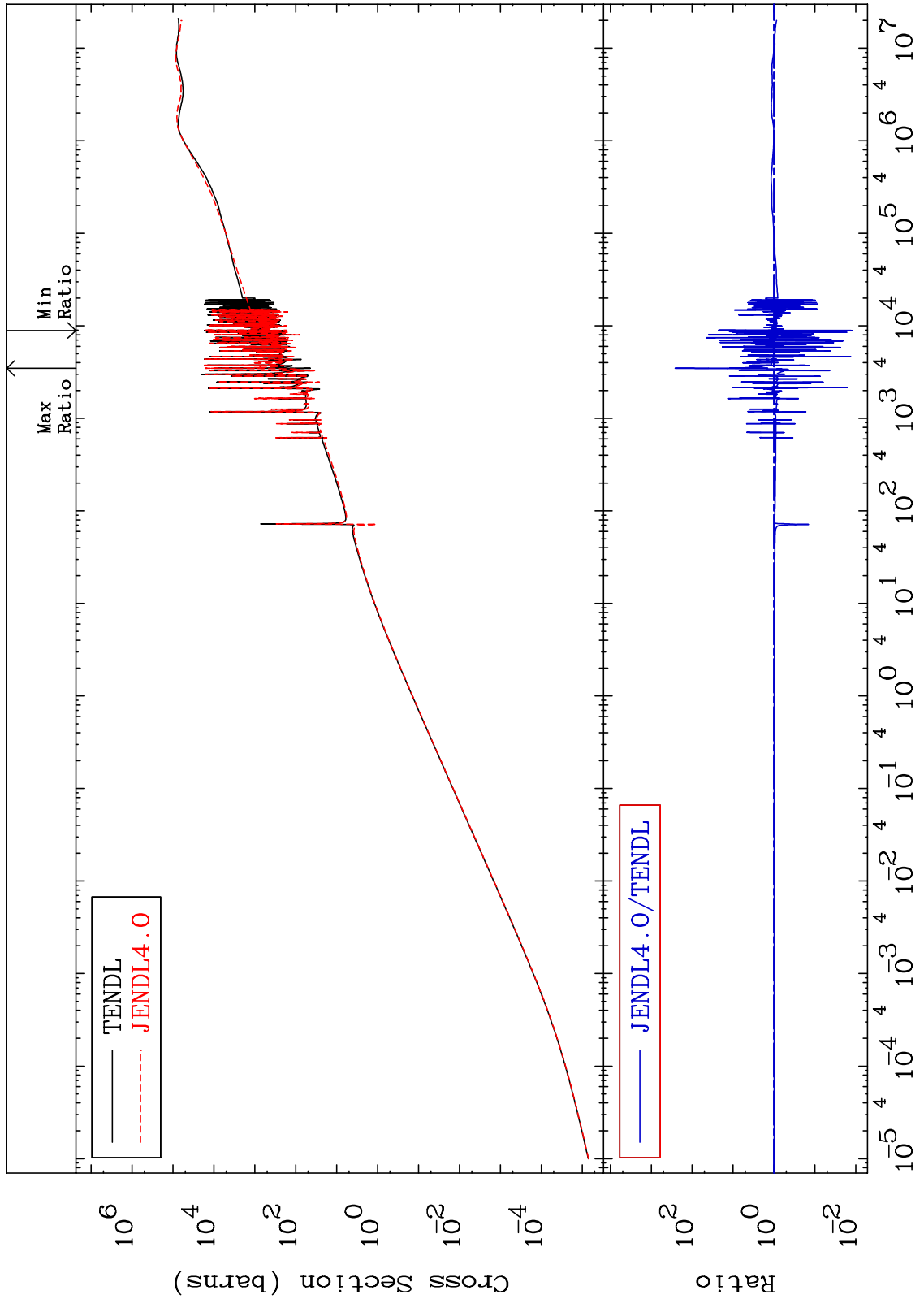
57-La-139
-62.19 To 9999. %



MAT 5728

Kerma elastic
Cross Section

57-La-139
-98.79 To 9999. %



35

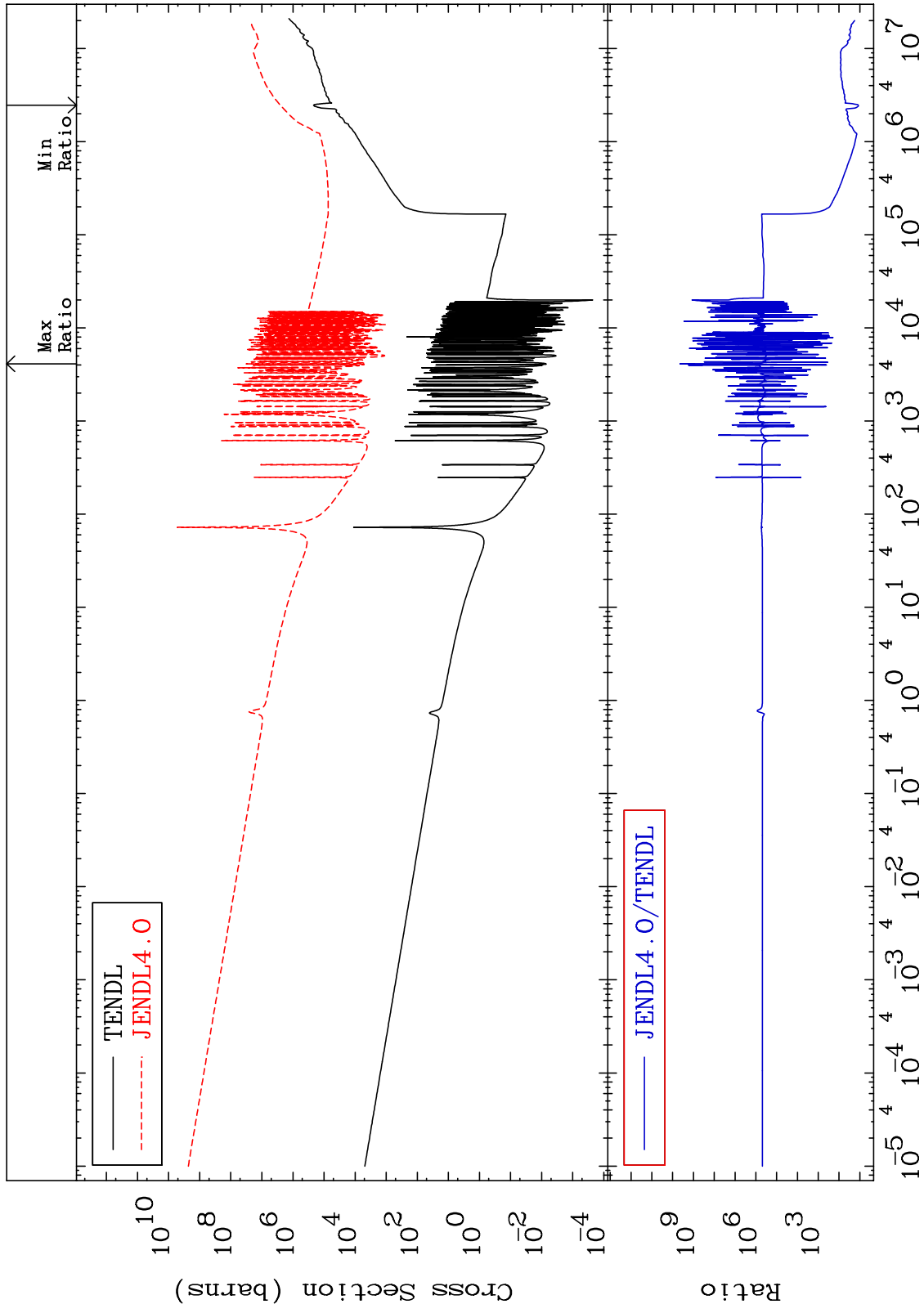
Incident Energy (eV)

57-La-139

MAT 5728

Kerma non-elastic (all but mt2)
Cross Section

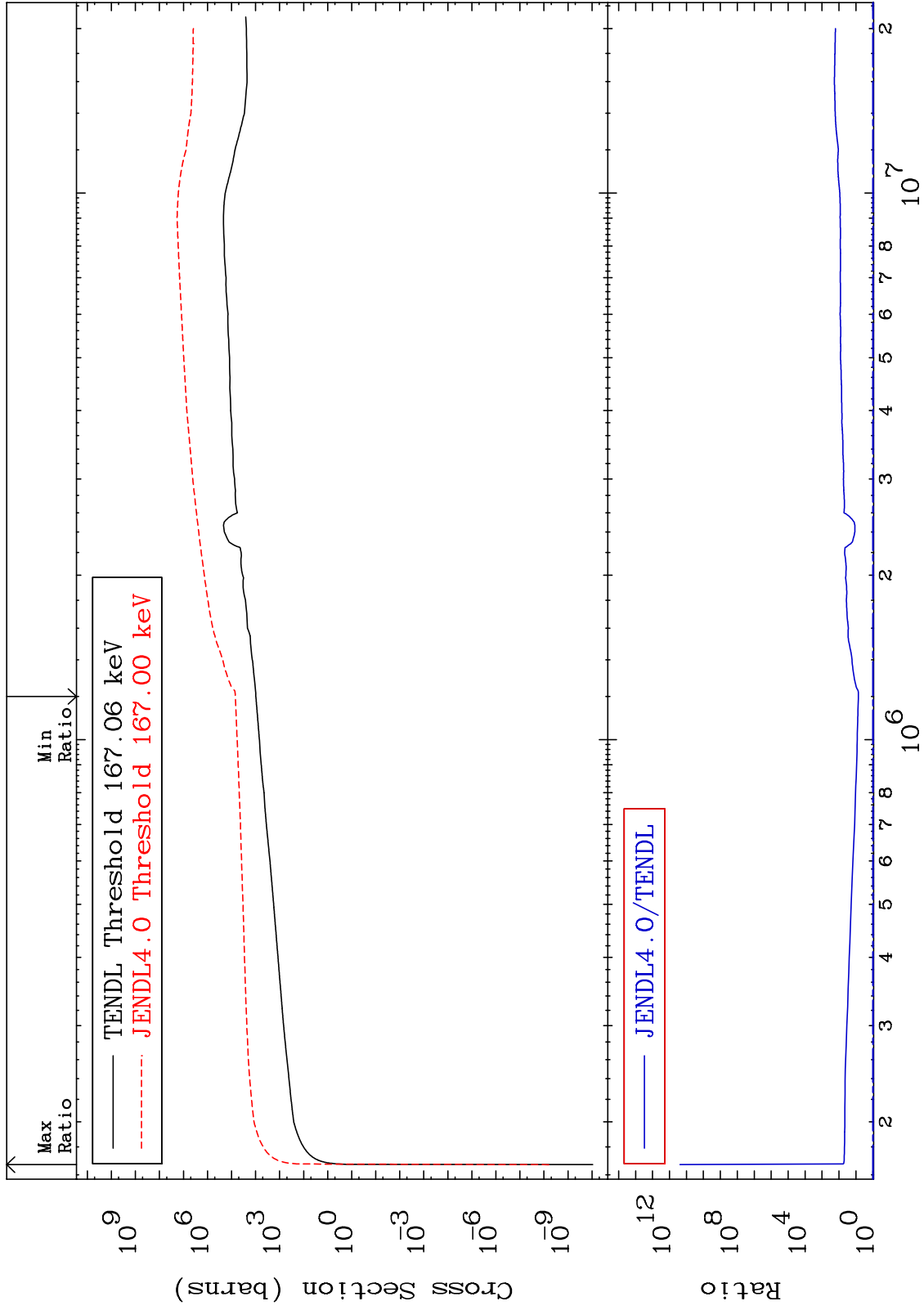
57-La-139
1066. To 9999. %



MAT 5728

Kerma inelastic (mt51-91)
Cross Section

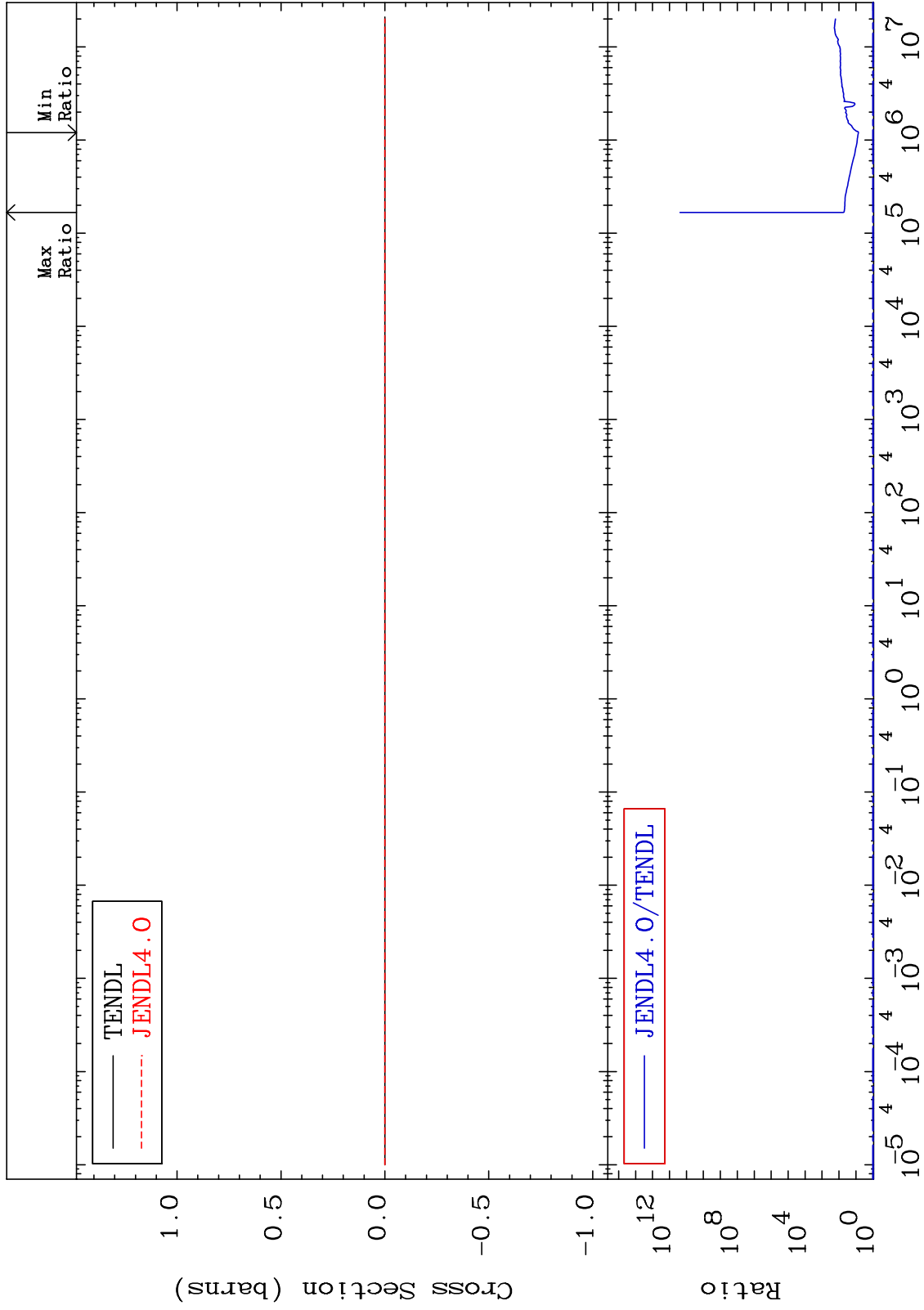
57-La-139
613.9 To 9999. %



MAT 5728

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

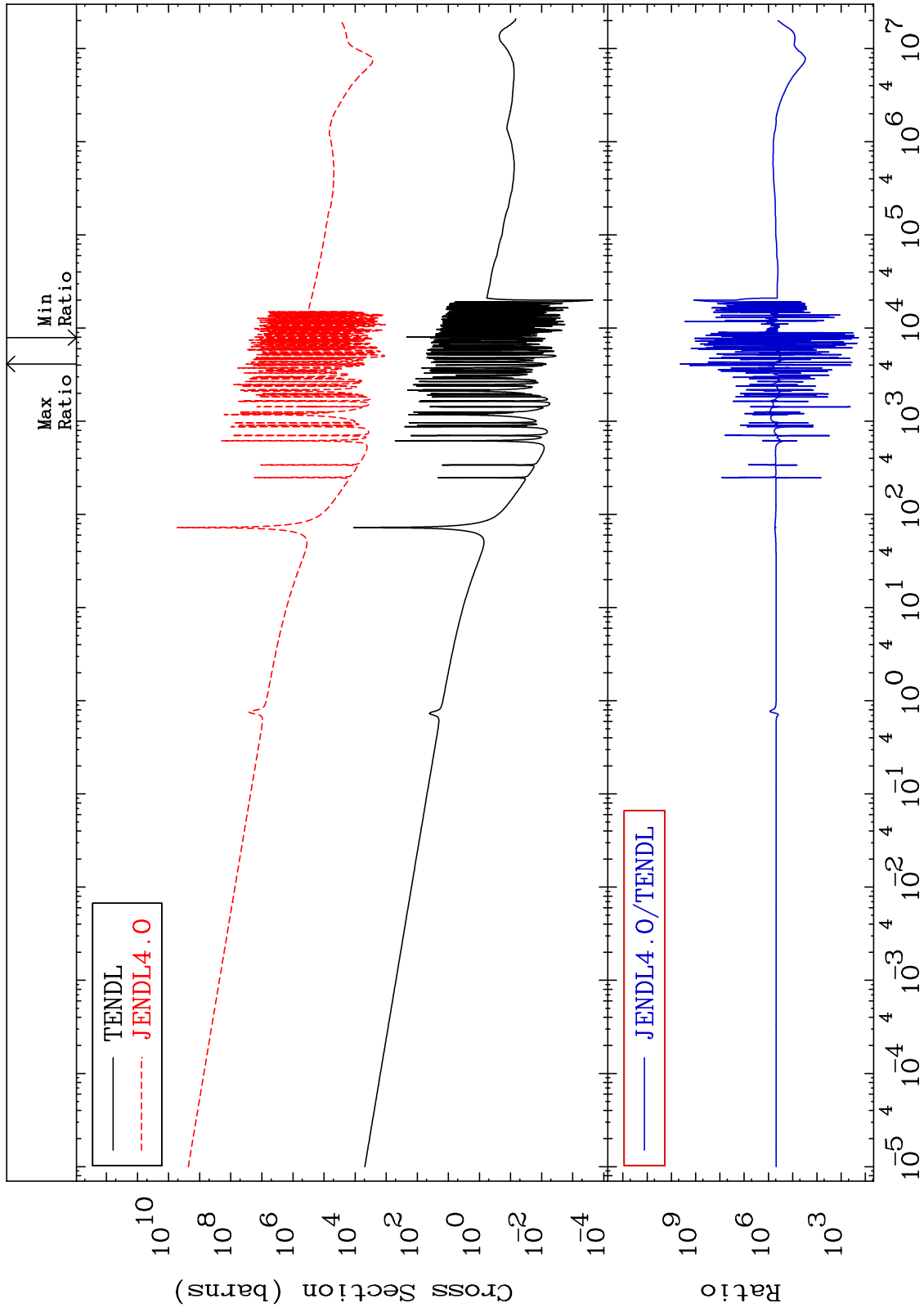
57-La-139
613.9 To 9999. %



MAT 5728

Kerma capture (mt102)
Cross Section

57-La-139
9999. To 9999. %



39

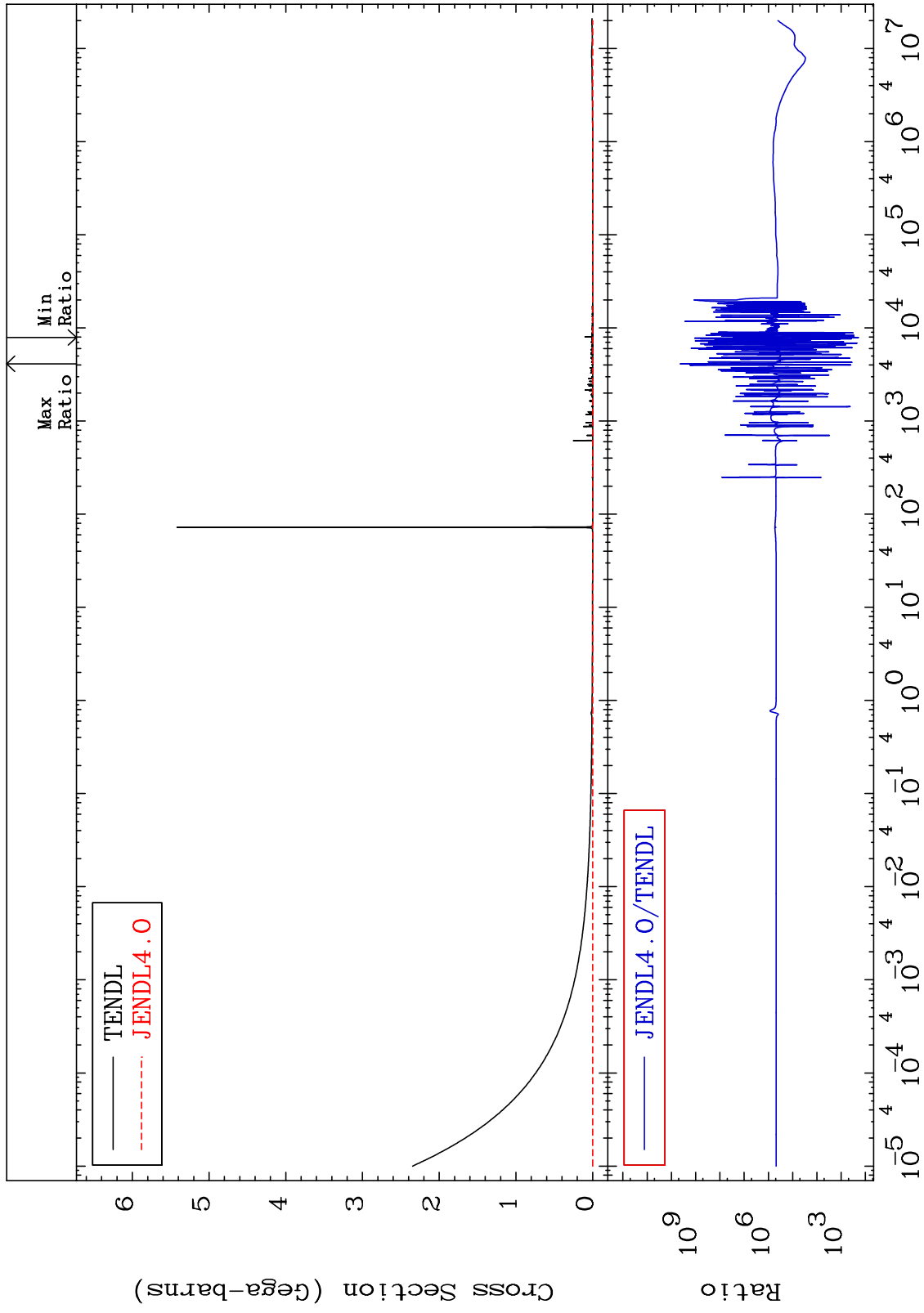
Incident Energy (eV)

57-La-139

MAT 5728

Total photon (eV-barns)
Cross Section

57-La-139
9999. To 9999. %



40

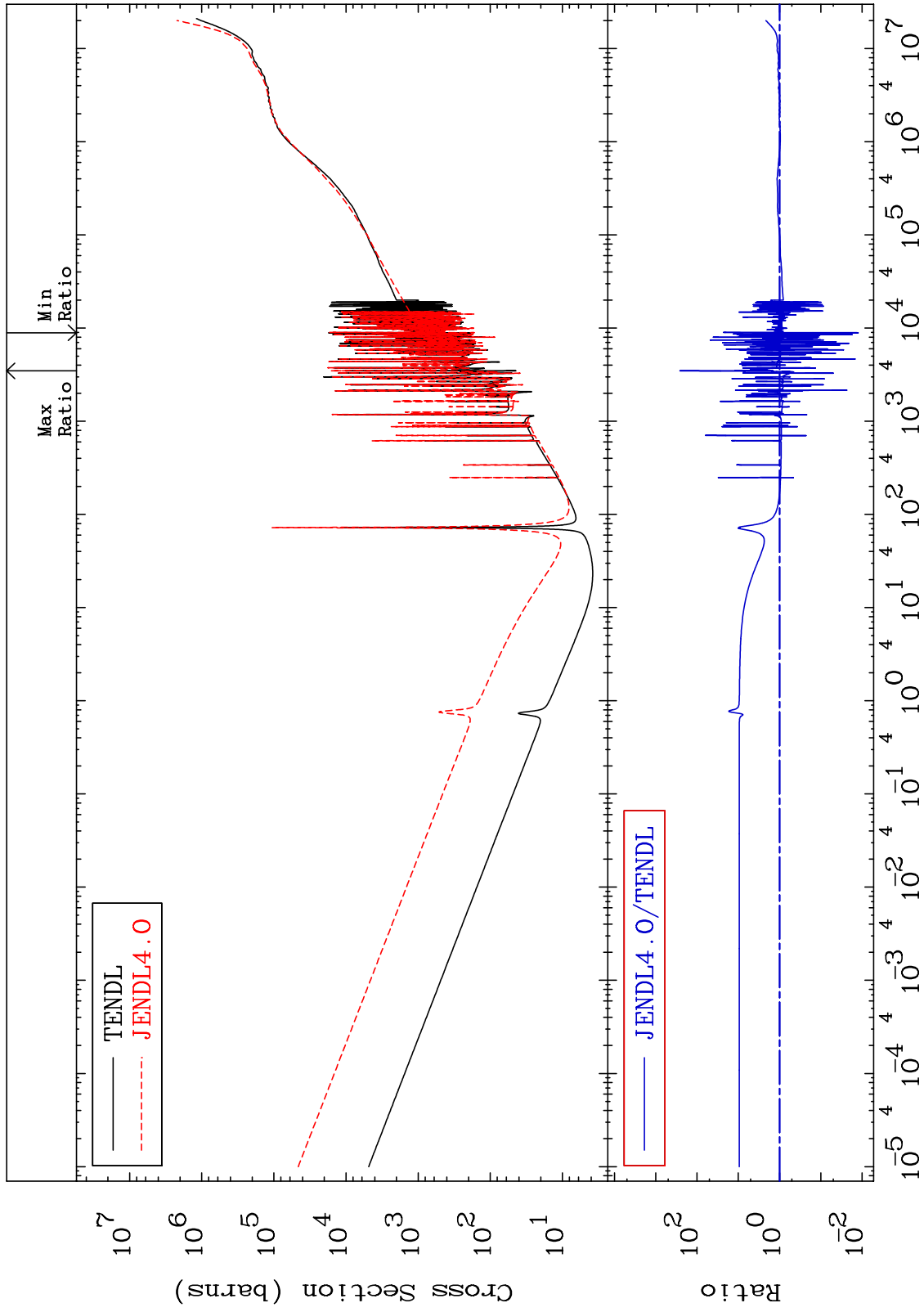
Incident Energy (eV)

57-La-139

MAT 5728

Total kinematic kerma (high limit)
Cross Section

57-La-139
-98.78 To 9999. %



41

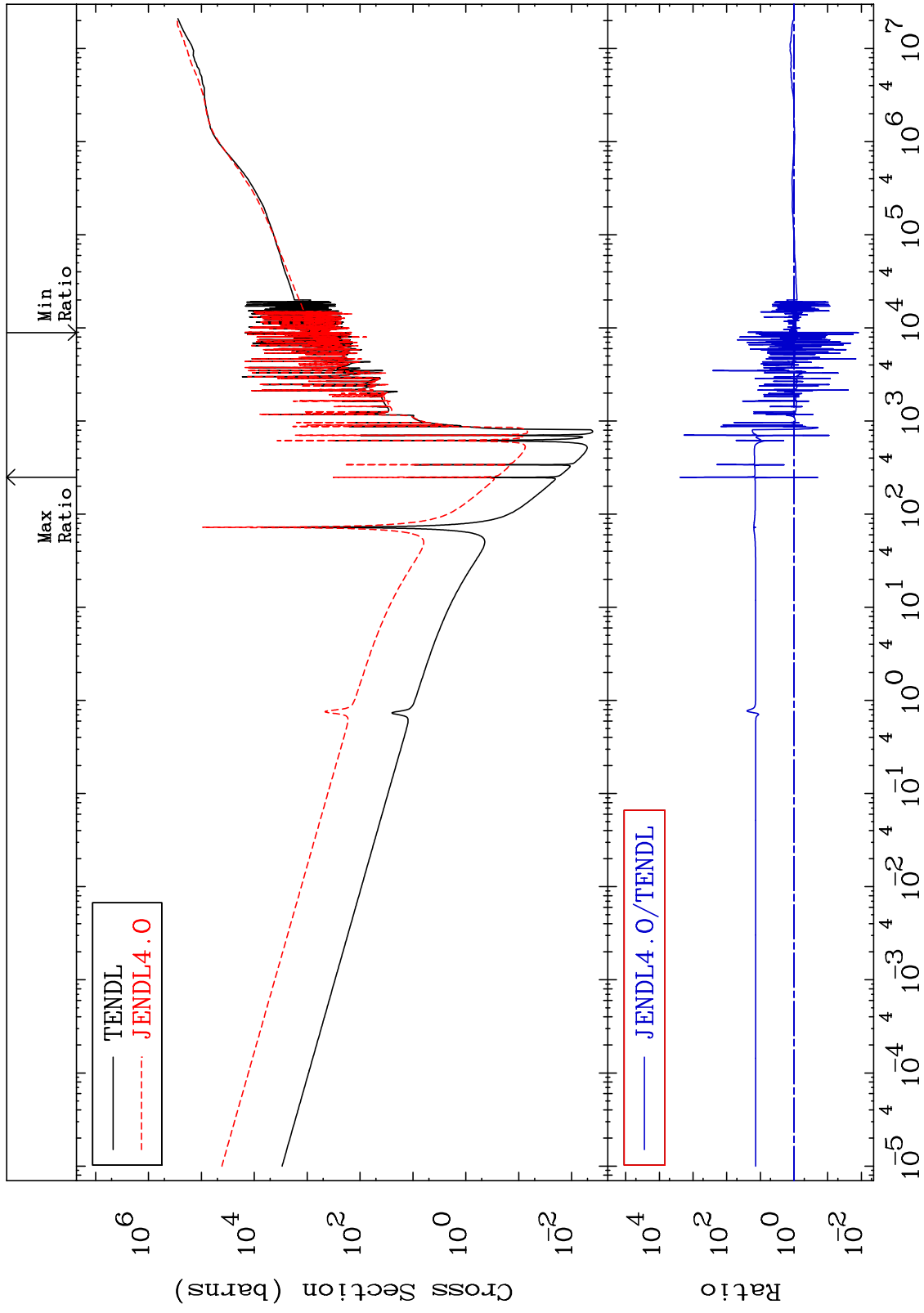
Incident Energy (eV)

57-La-139

MAT 5728

Dpa total (eV-barns)
Cross Section

57-La-139
-98.78 To 9999. %



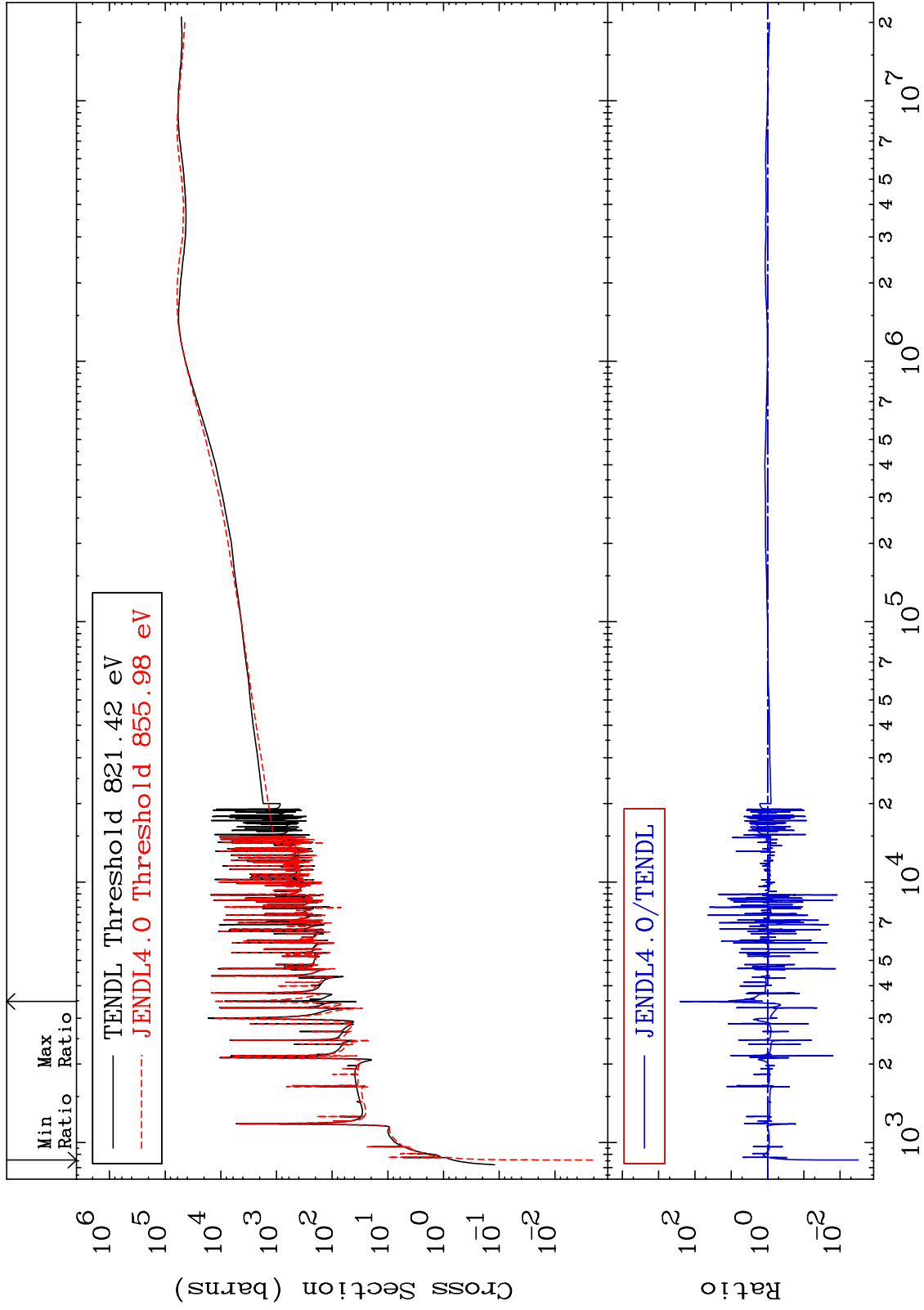
Incident Energy (eV)

57-La-139

MAT 5728

Dpa elastic (mt2)
Cross Section

57-La-139
-99.69 To 9999. %



43

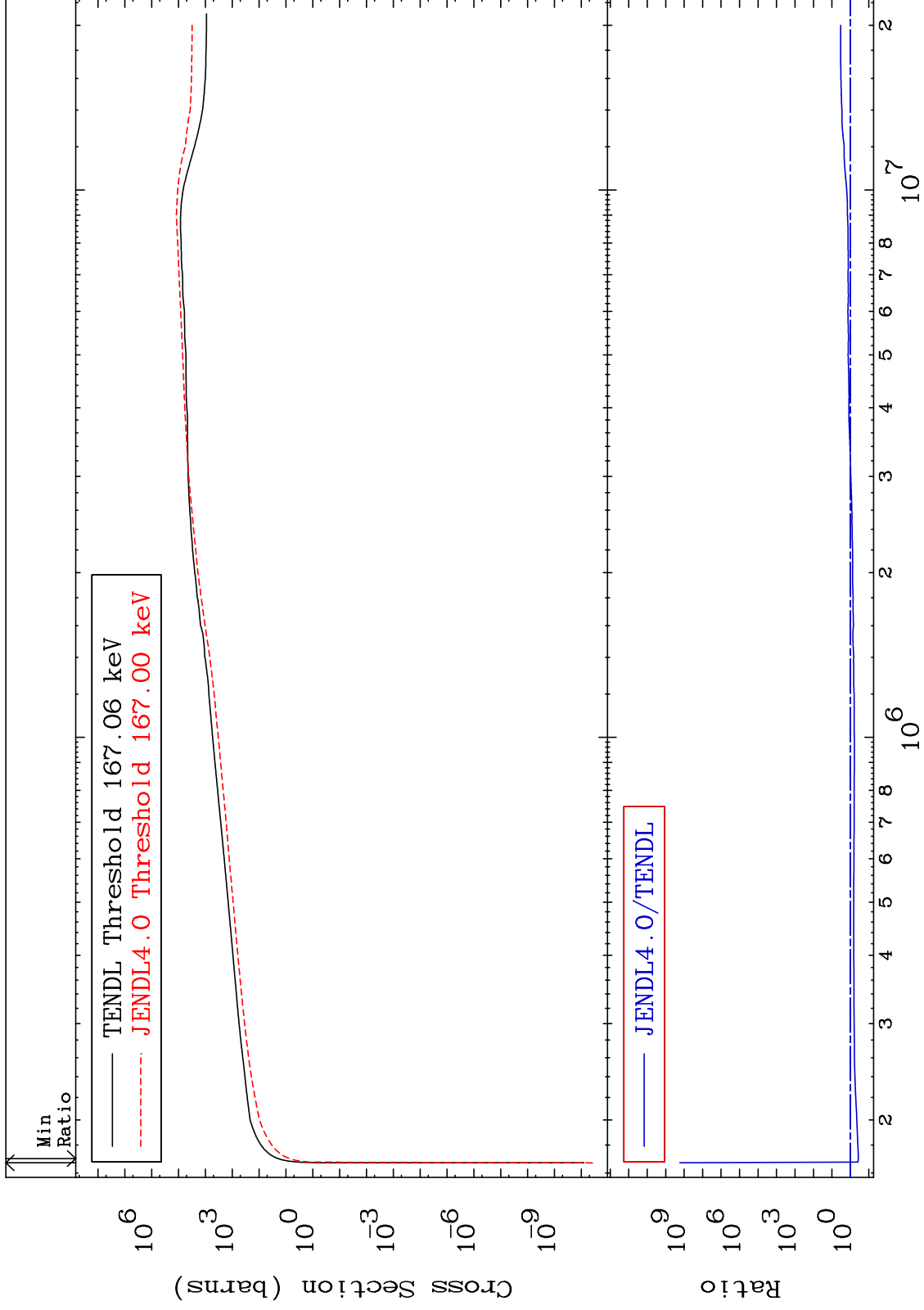
Incident Energy (eV)

57-La-139

MAT 5728

Dpa inelastic (mt51-91)
Cross Section

57-La-139
-62.87 To 9999. %



MAT 5728

Dpa disappearance (mt102 -120)
Cross Section

57-La-139
-99.13 To 9999. %

