

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

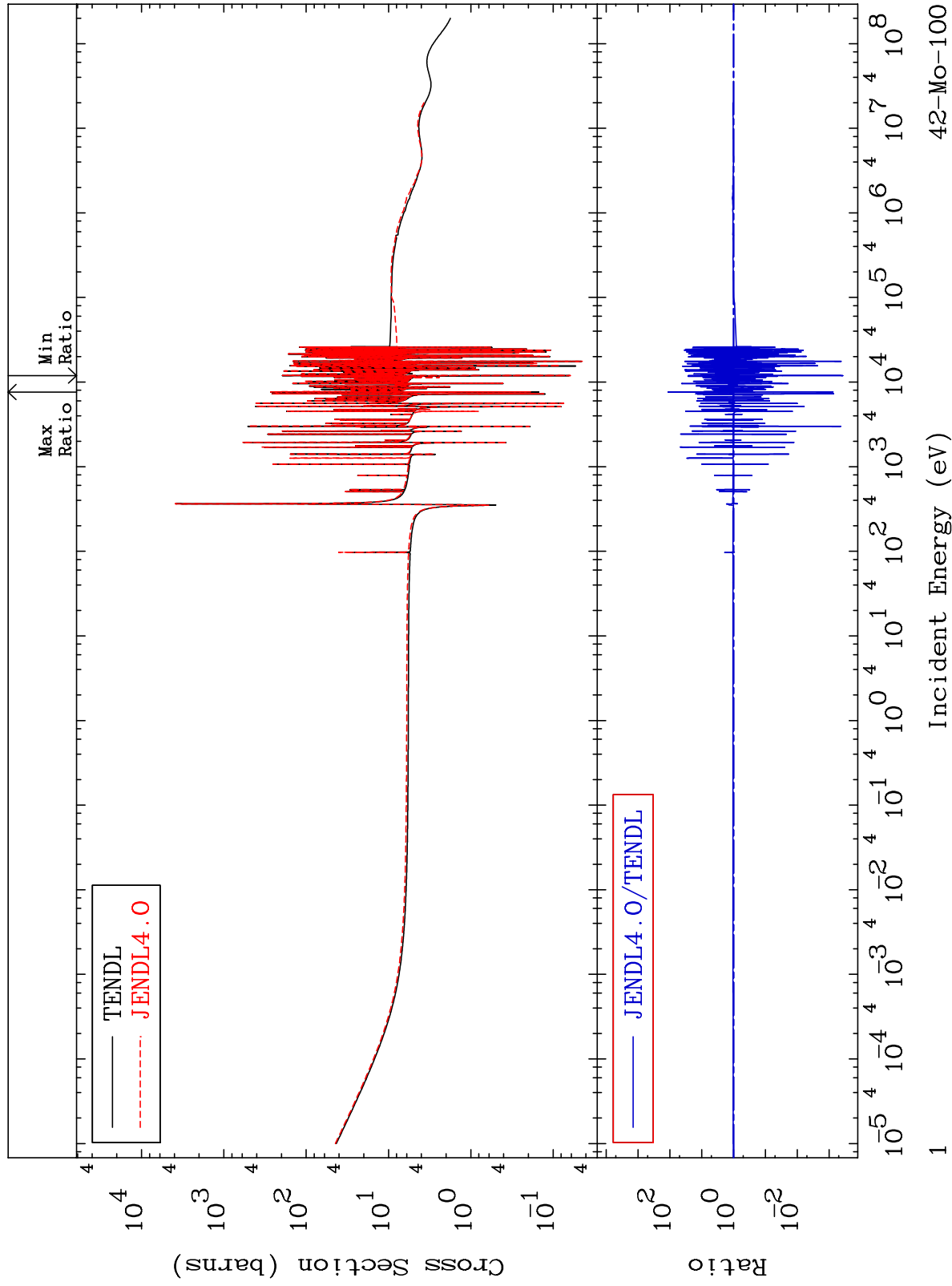
MAT 4249

Total

42-Mo-100

Cross Section

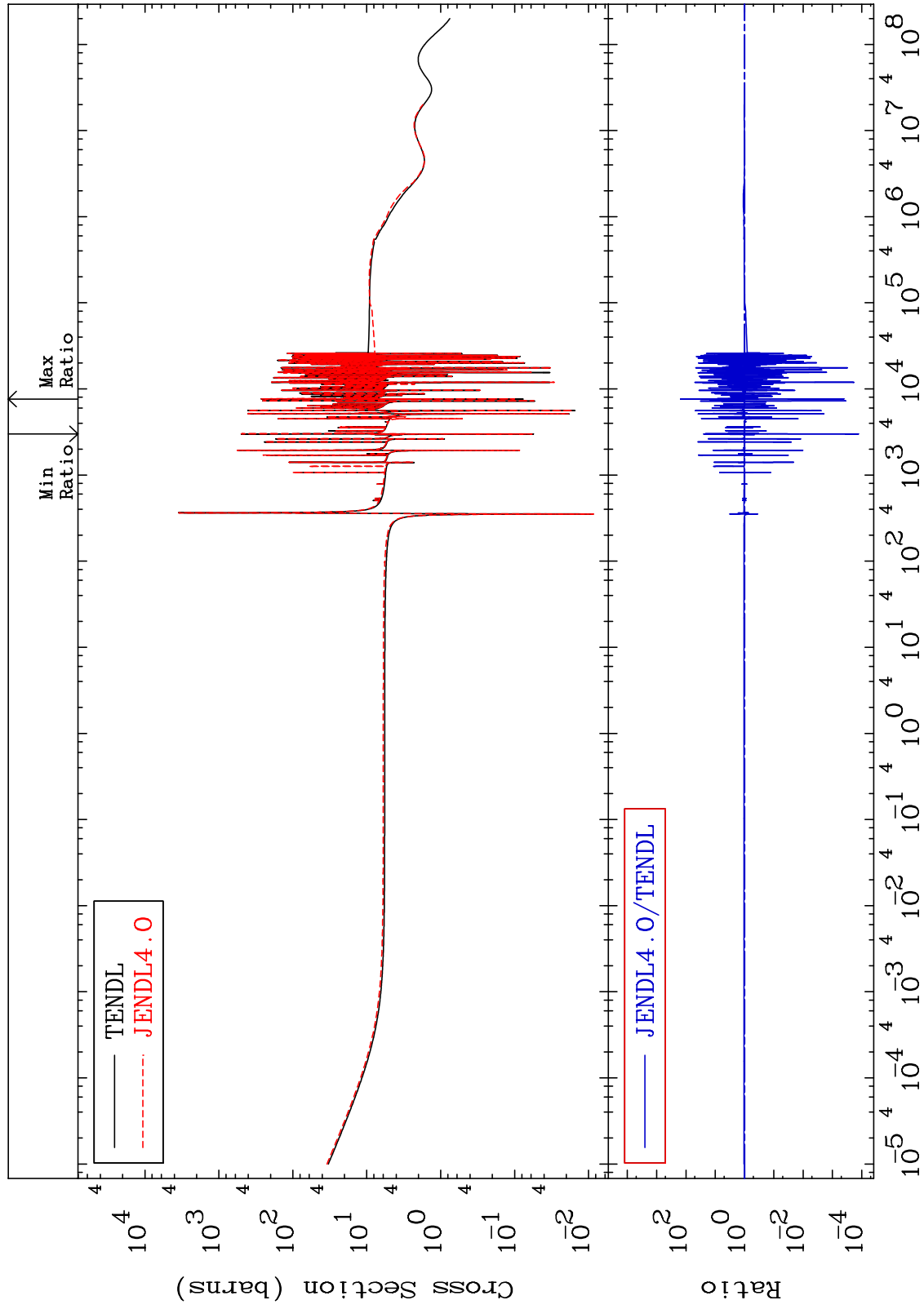
-99.96 To 9999. %



MAT 4249

Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



2

Incident Energy (eV)

42-Mo-100

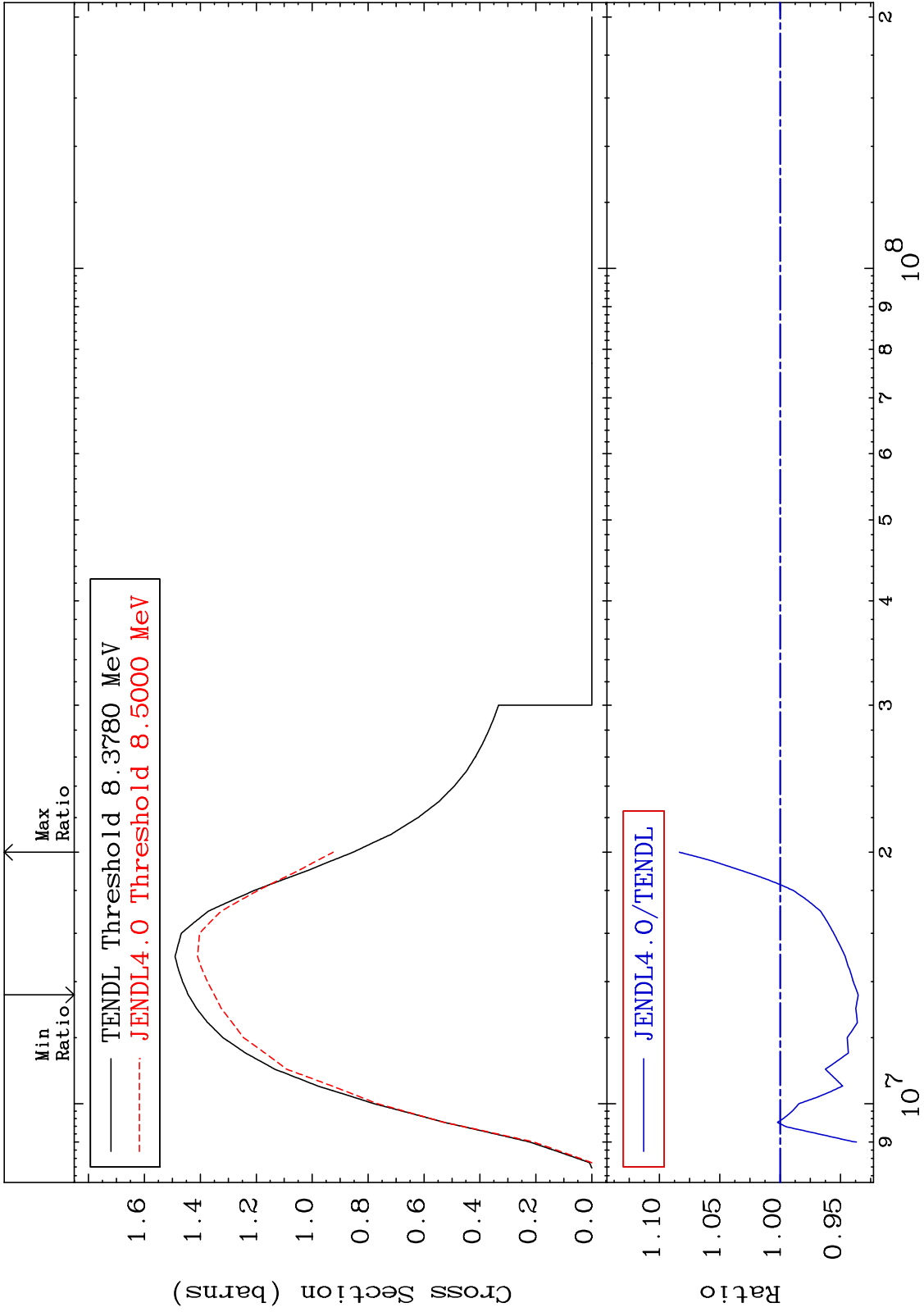
MAT 4249

(n,2n)

42-Mo-100

Cross Section

-6.466 To 8.341 %



4

Incident Energy (eV)

42-Mo-100

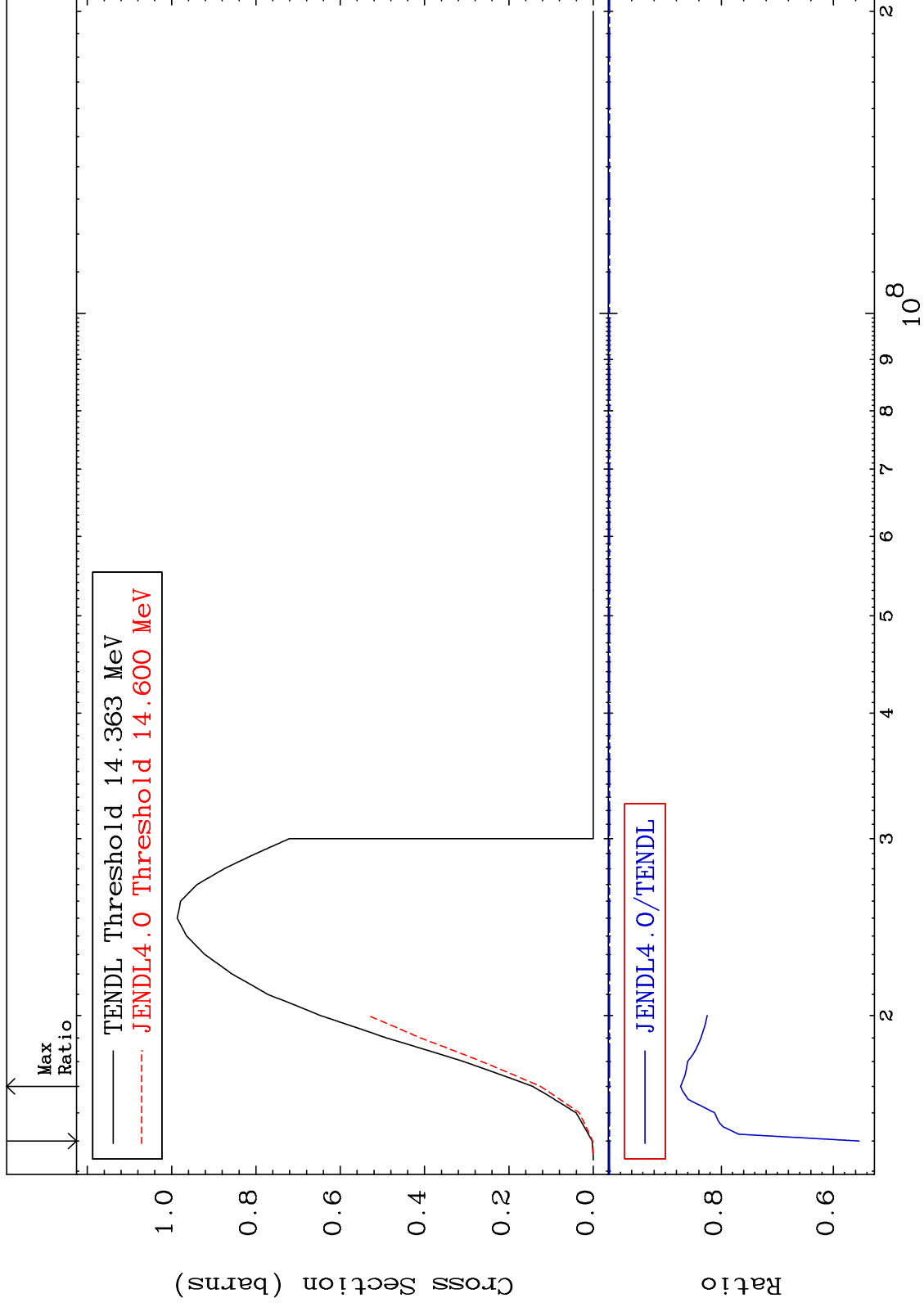
MAT 4249

(n, 3n)

42-Mo-100

Cross Section

-44.62 To -12.74%



5

Incident Energy (eV)

42-Mo-100

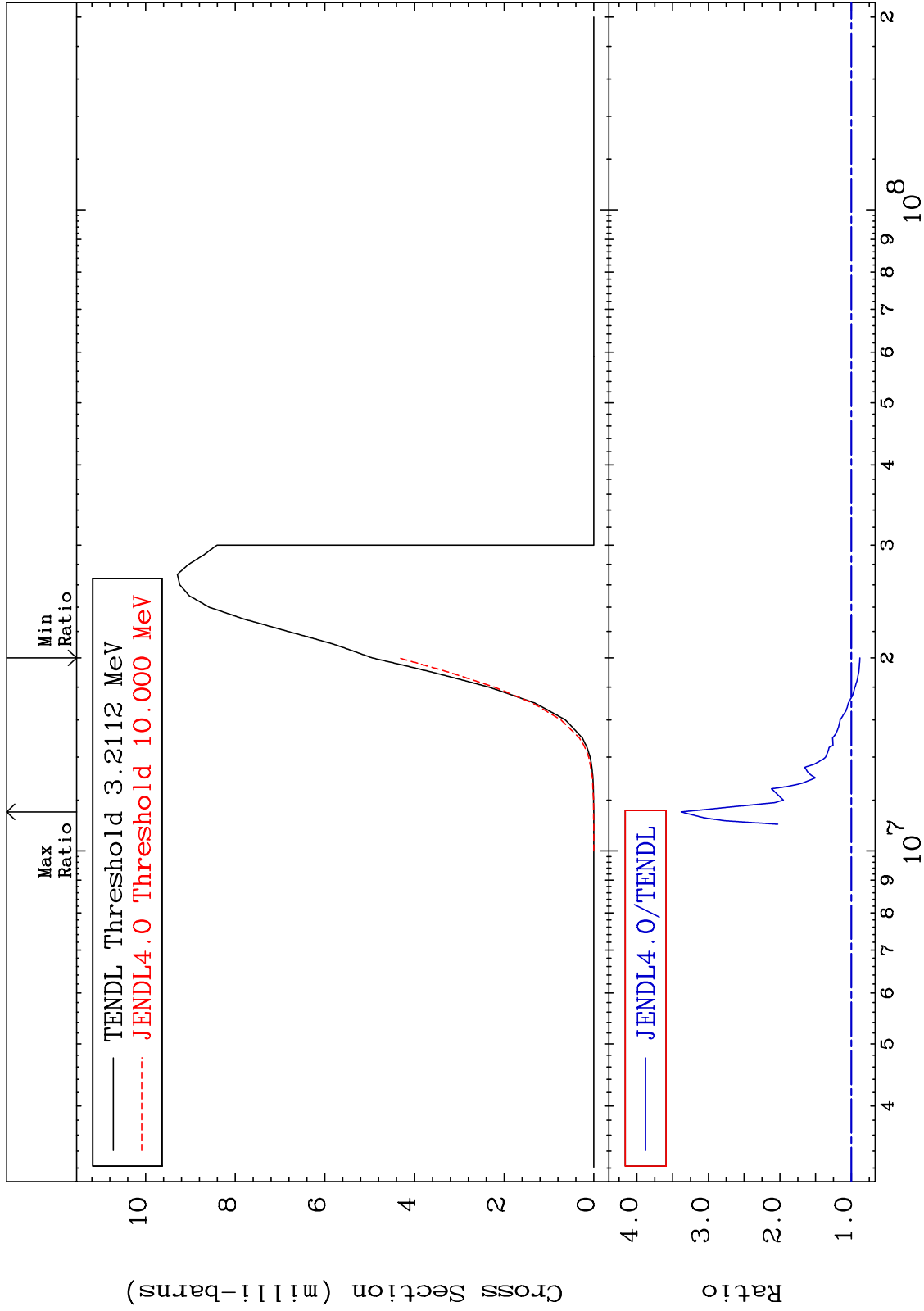
MAT 4249

(n, n') α

42-Mo-100

Cross Section

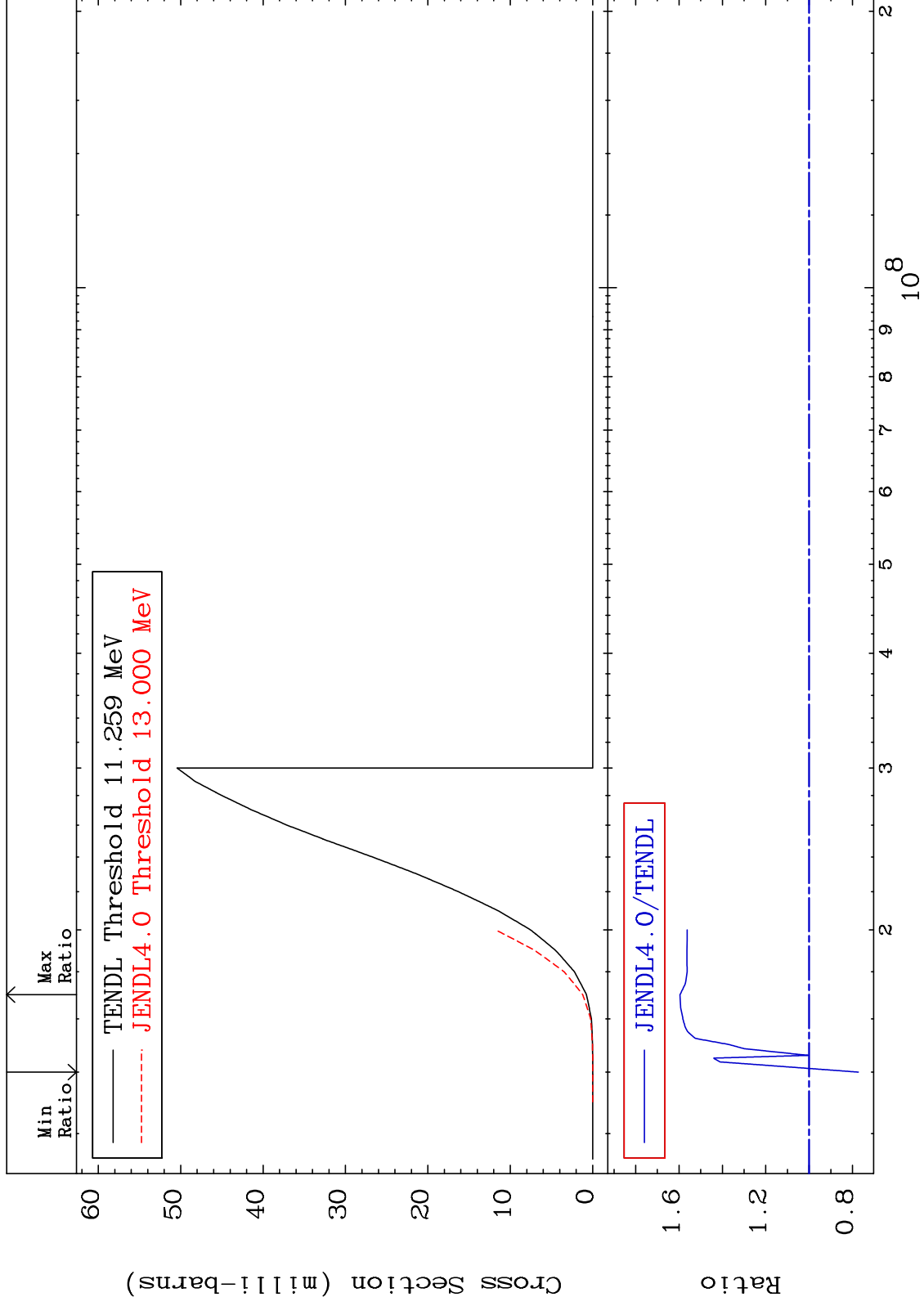
-12.02 To 238.0 %



MAT 4249

(n,n') p
Cross Section

42-Mo-100
-22.73 To 59.55 %



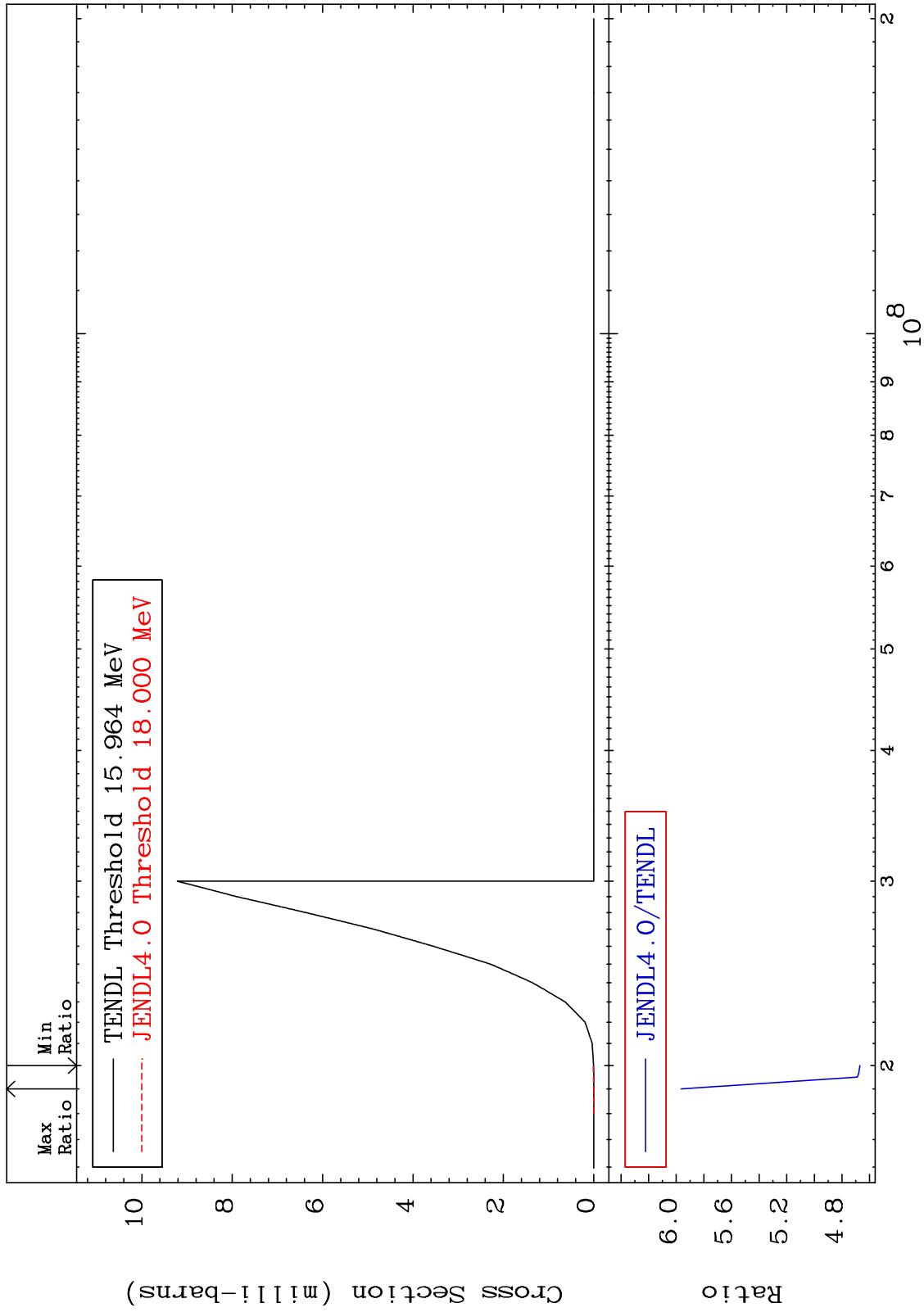
MAT 4249

(n,n') d

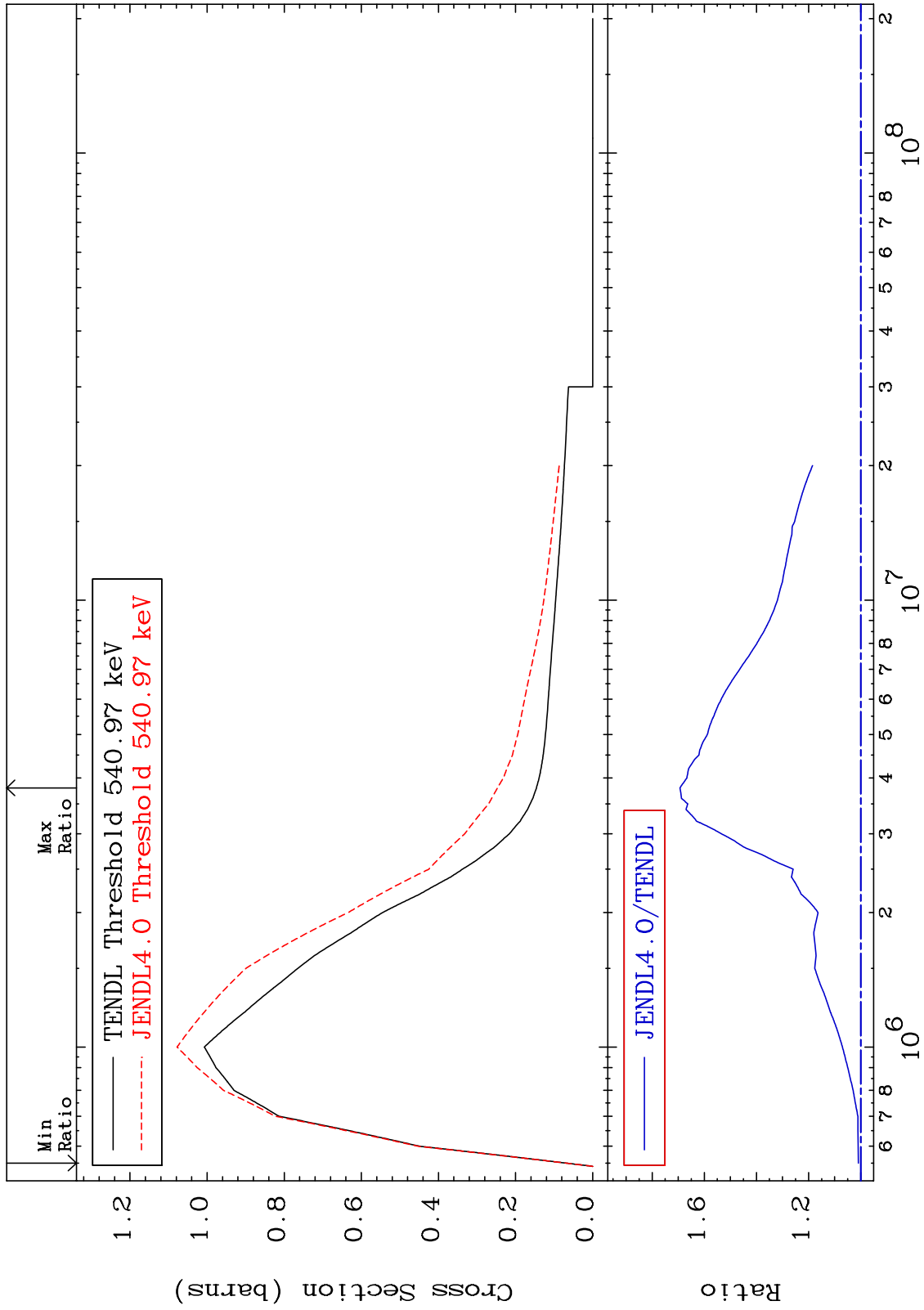
42-Mo-100

Cross Section

367.0 To 496.4 %



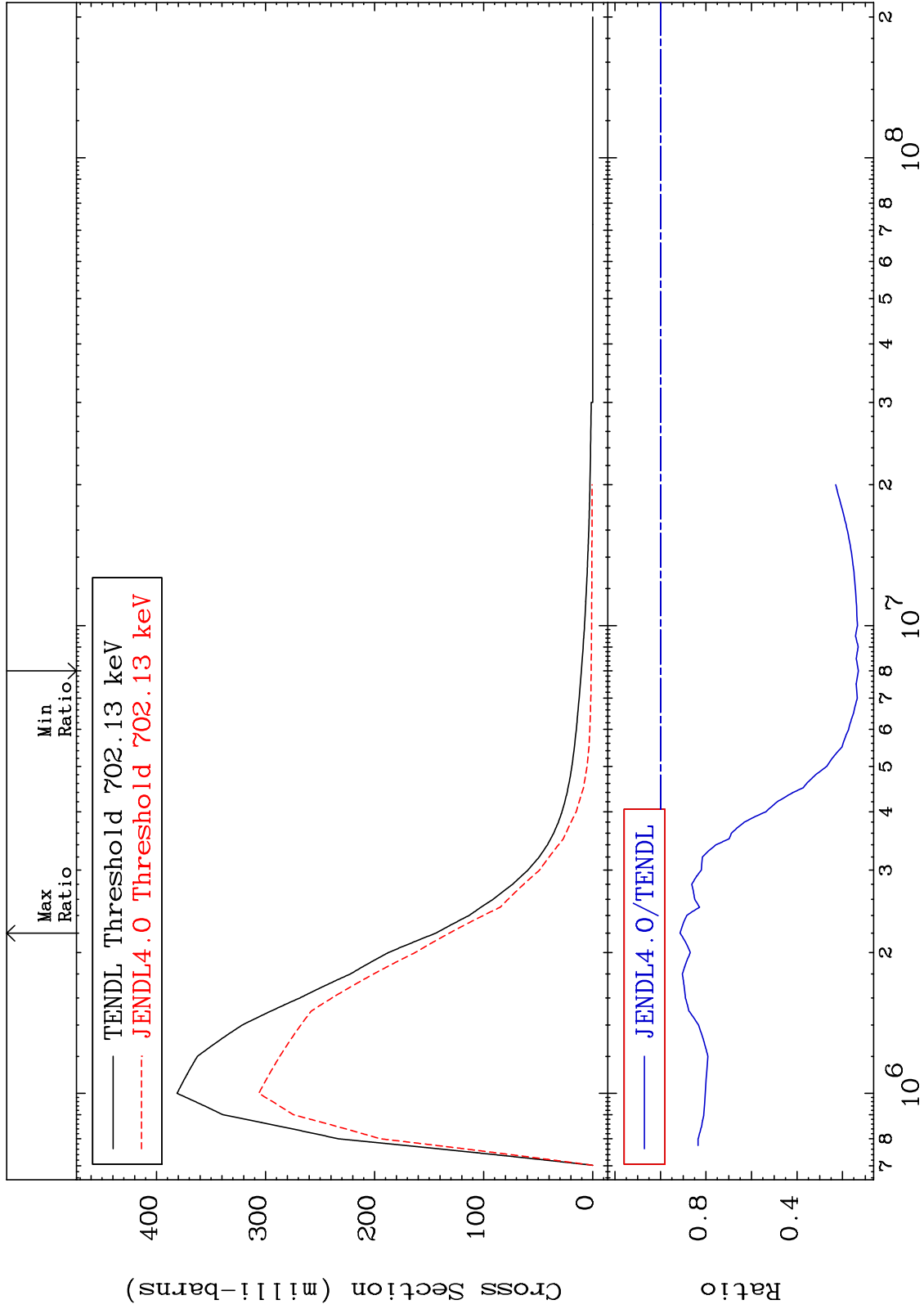
MAT 4249 MT= 51 (n,n') Level Cross Section 42-Mo-100
 0.890 To 69.31 %



MAT 4249

MT= 52 (n,n') Level
Cross Section

42-Mo-100
-86.99 To -8.598%

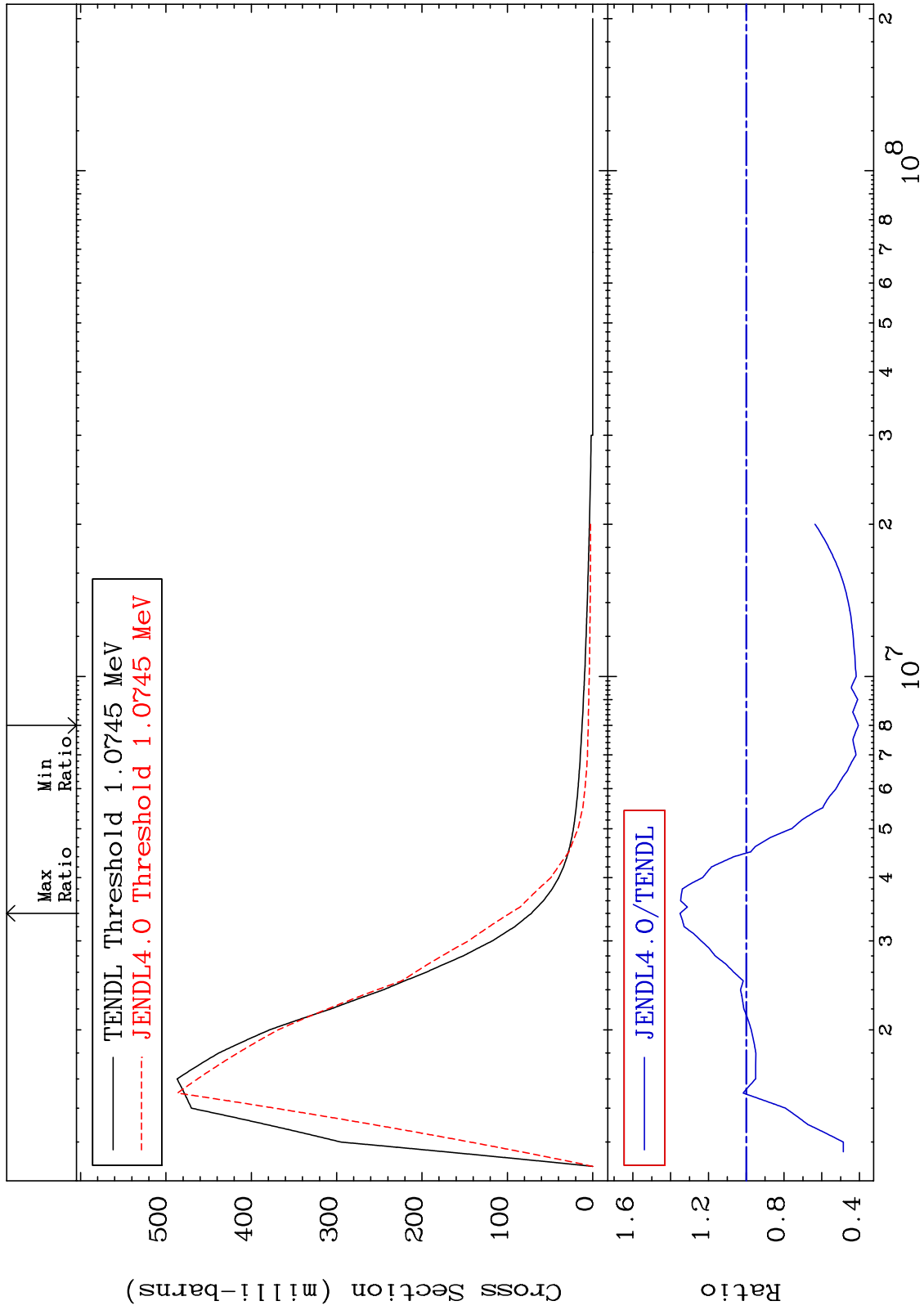


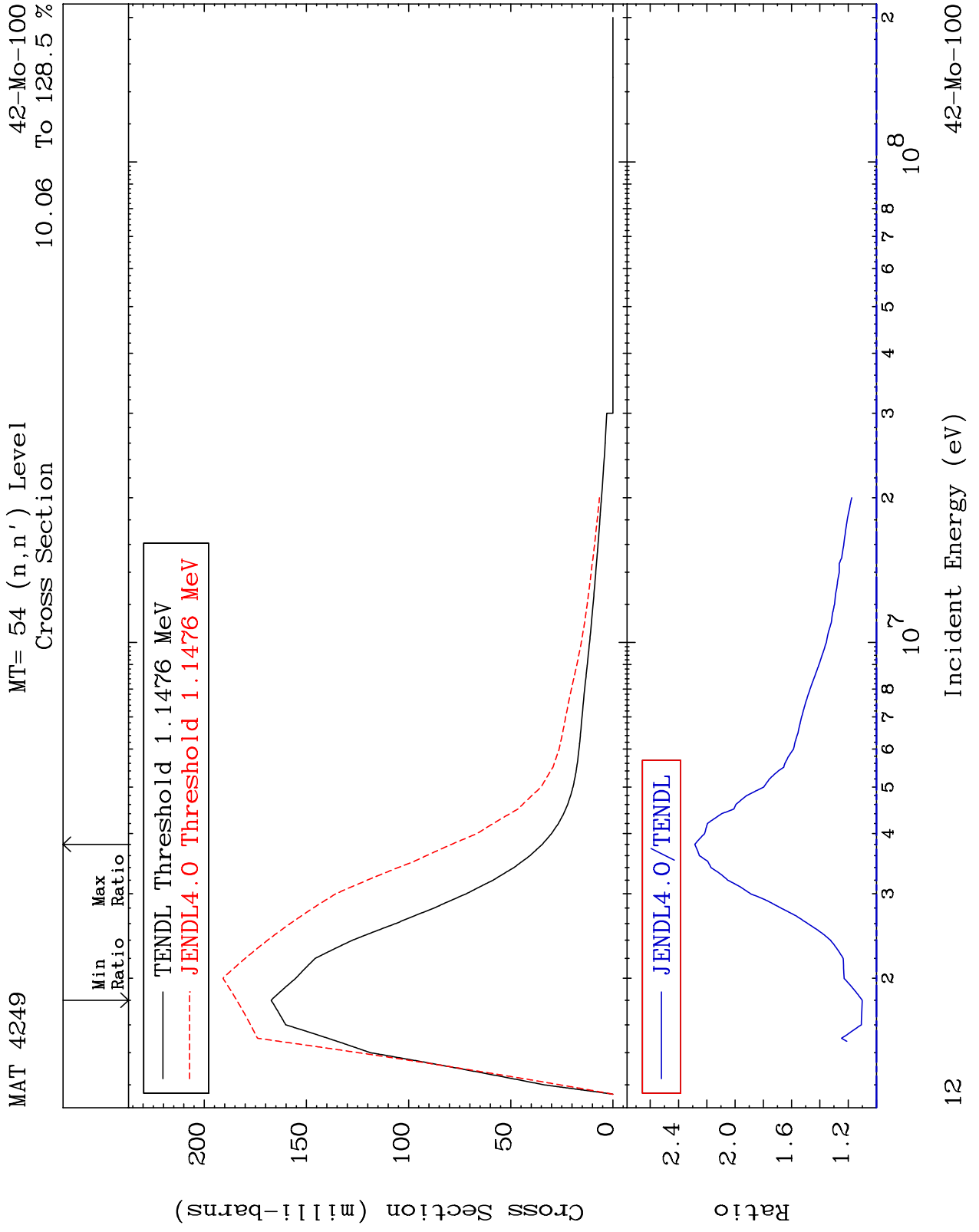
10 0.8 0.4 7 8 10⁶ 2 3 4 5 6 7 8 10⁸ 42-Mo-100

MAT 4249

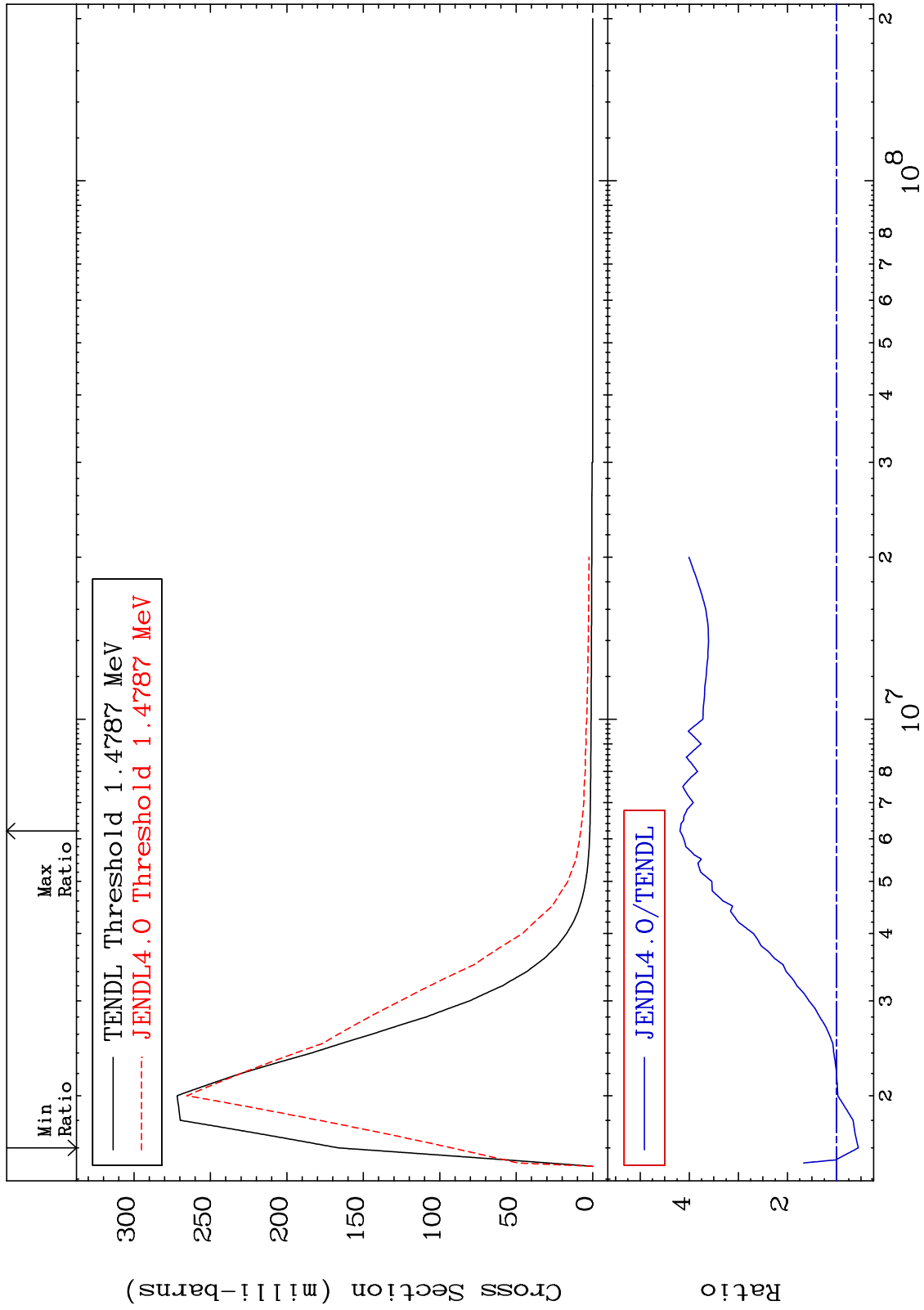
MT= 53 (n,n') Level
Cross Section

42-Mo-100
-59.39 To 35.05 %

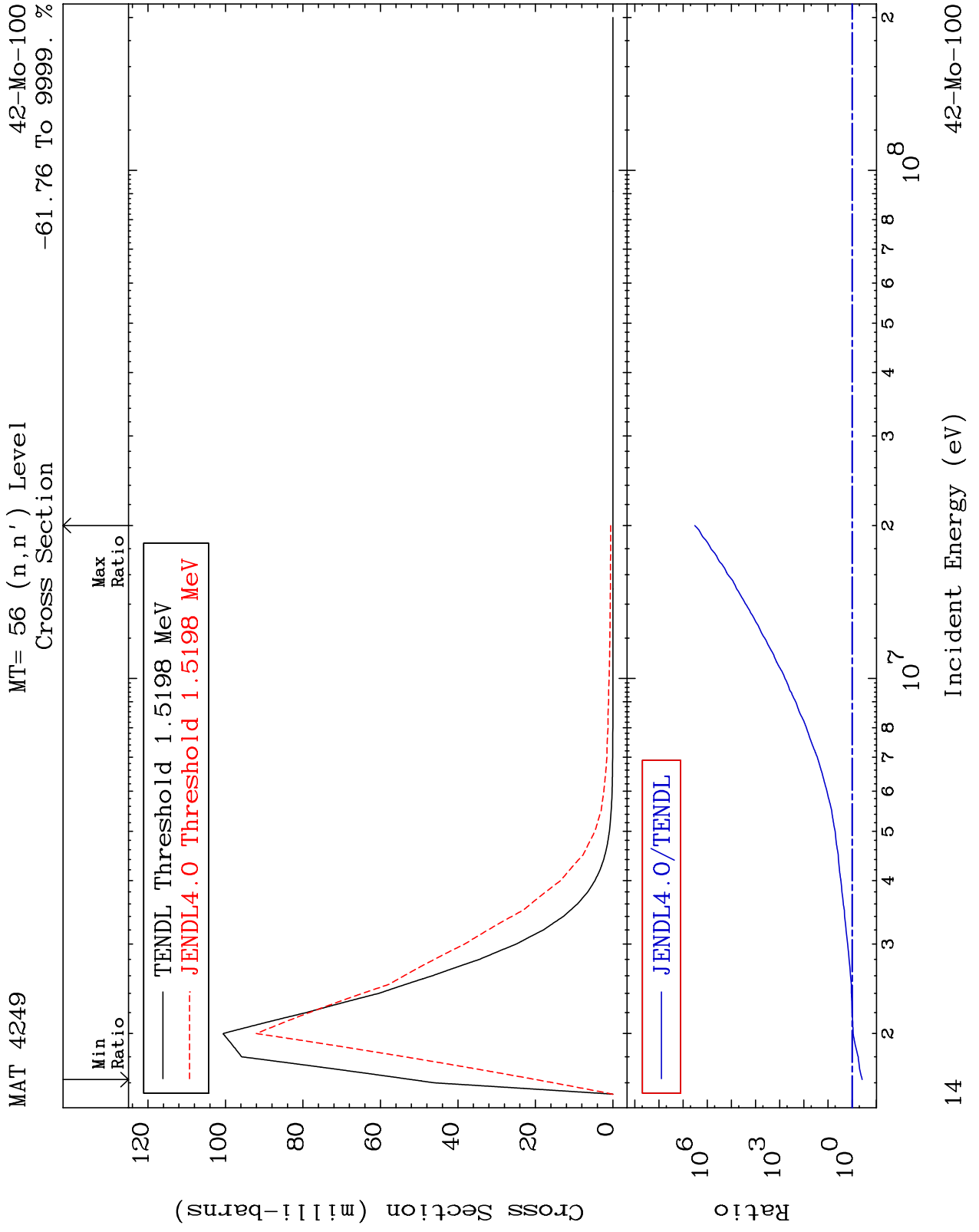




MAT 4249 MT= 55 (n,n') Level
Cross Section 42-Mo-100
-44.60 To 318.9 %



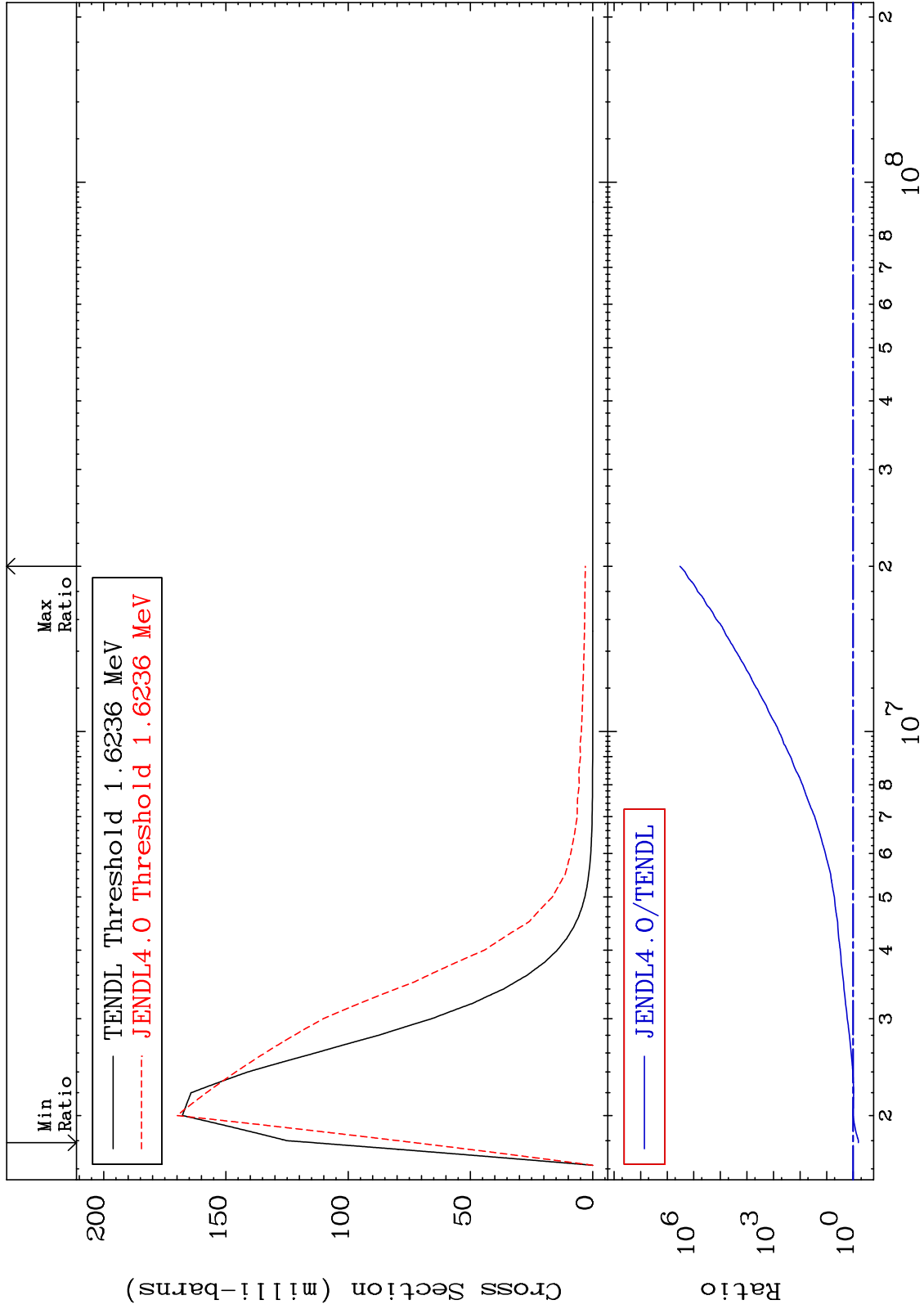
42-Mo-100



MAT 4249

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

42-Mo-100
-36.32 To 9999. %



15

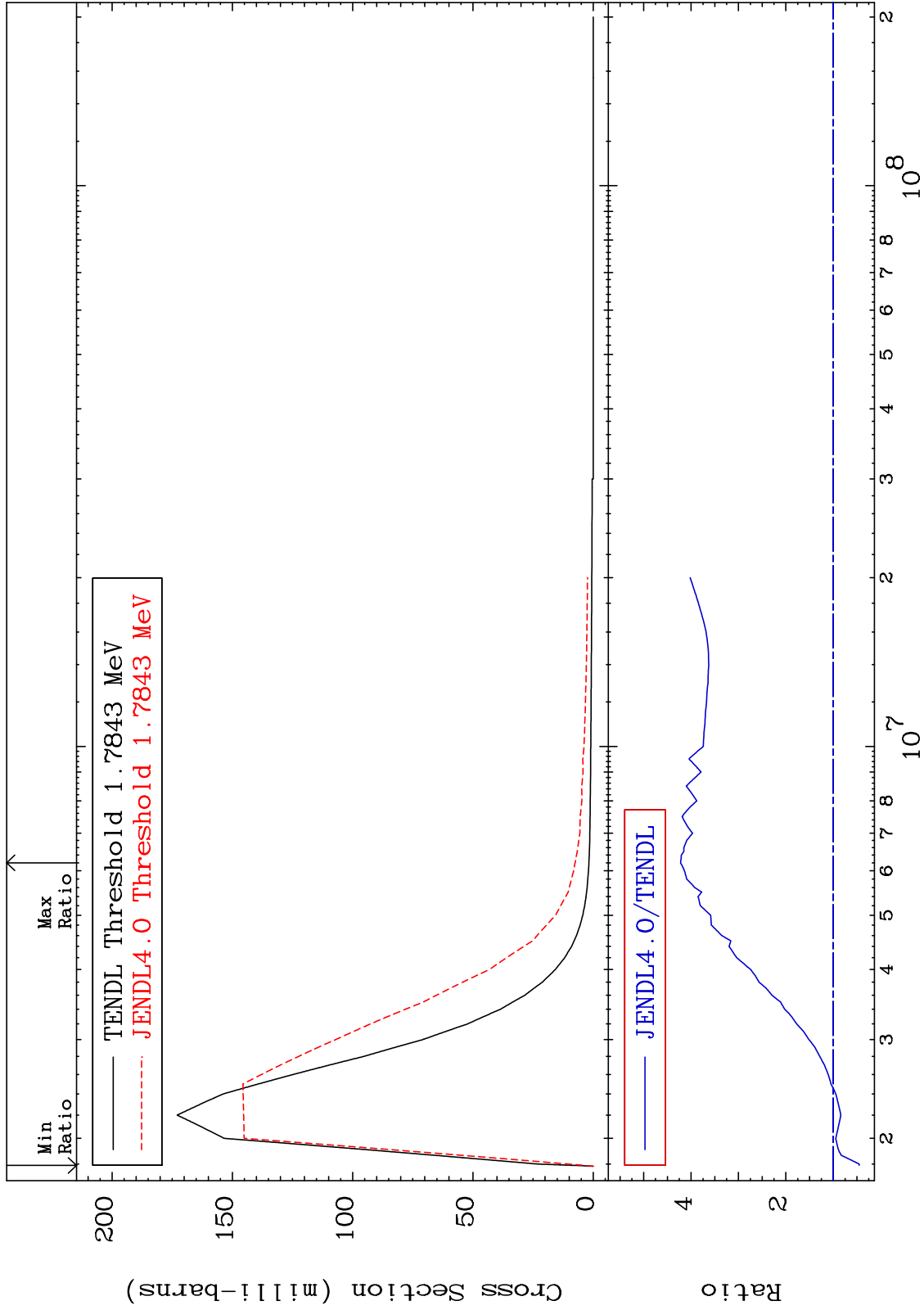
Incident Energy (eV)

42-Mo-100

MAT 4249

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

42-Mo-100
-54.77 To 322.1 %

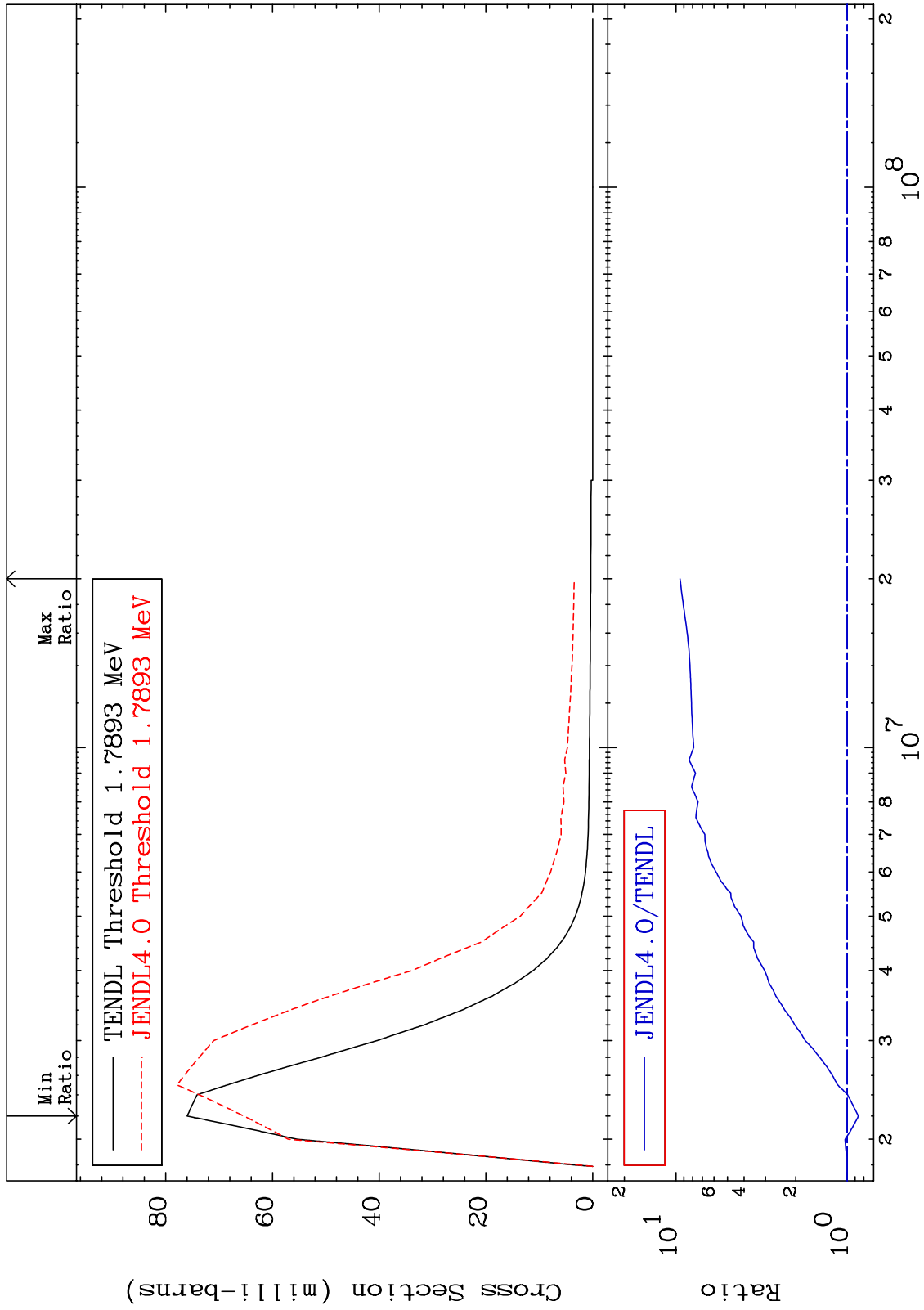


16

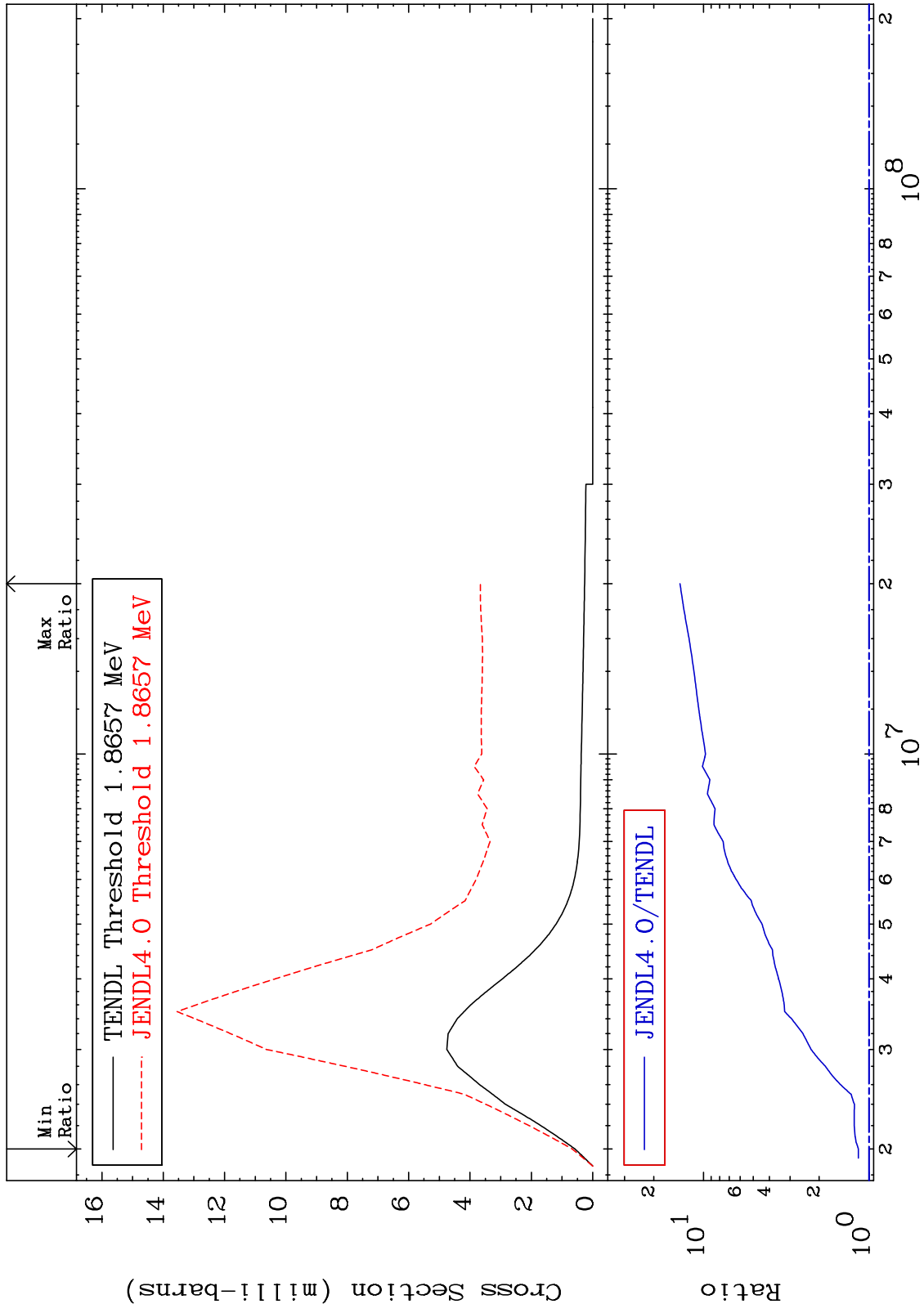
Incident Energy (eV)

42-Mo-100

MAT 4249 MT= 59 (n,n') Level 42-Mo-100
 Cross Section -13.95 To 846.9 %



MAT 4249 MT= 60 (n,n') Level Cross Section 42-Mo-100
 15.79 To 1287. %

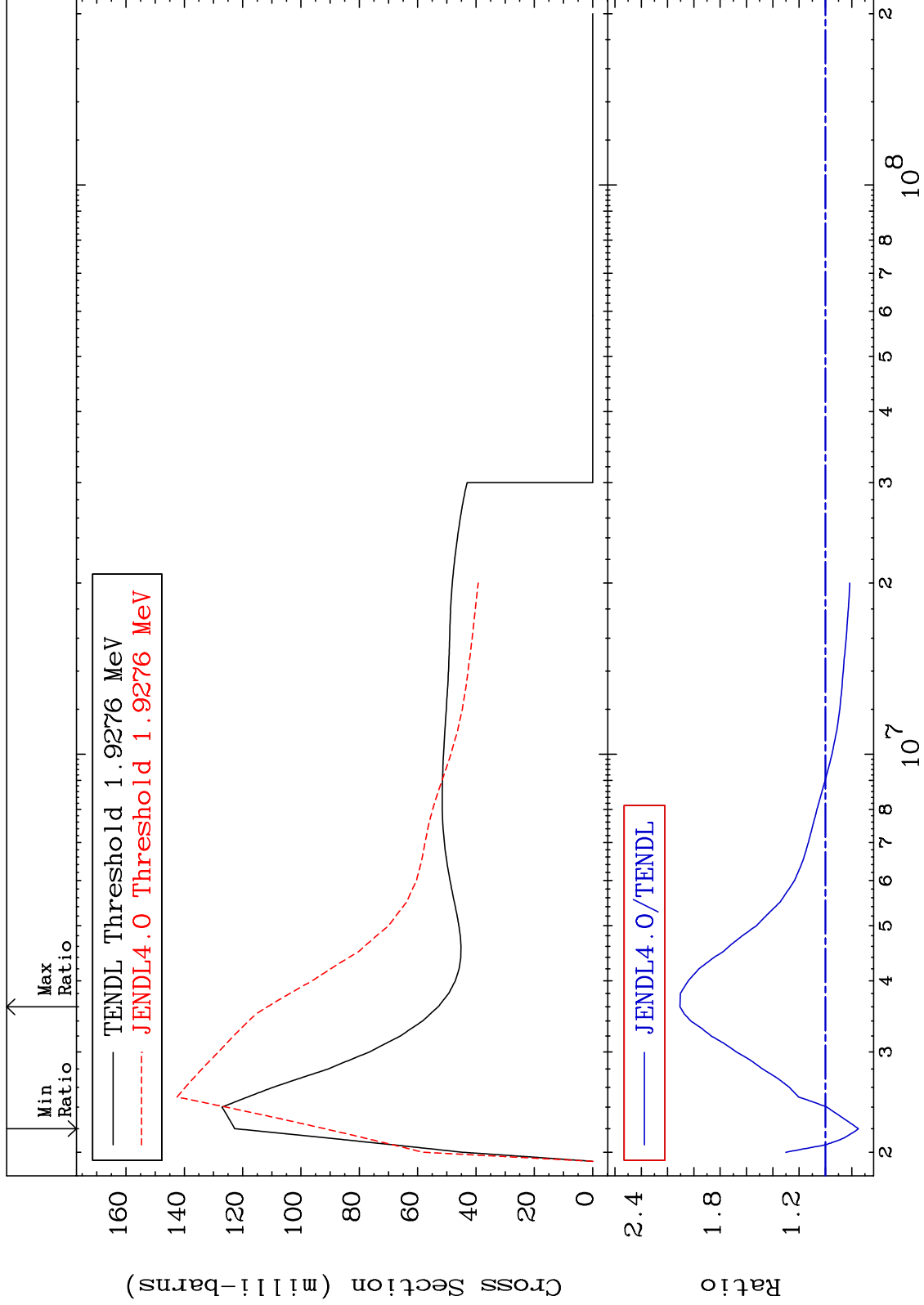


18 Incident Energy (eV) 42-Mo-100

MAT 4249

MT= 61 (n,n') Level
Cross Section

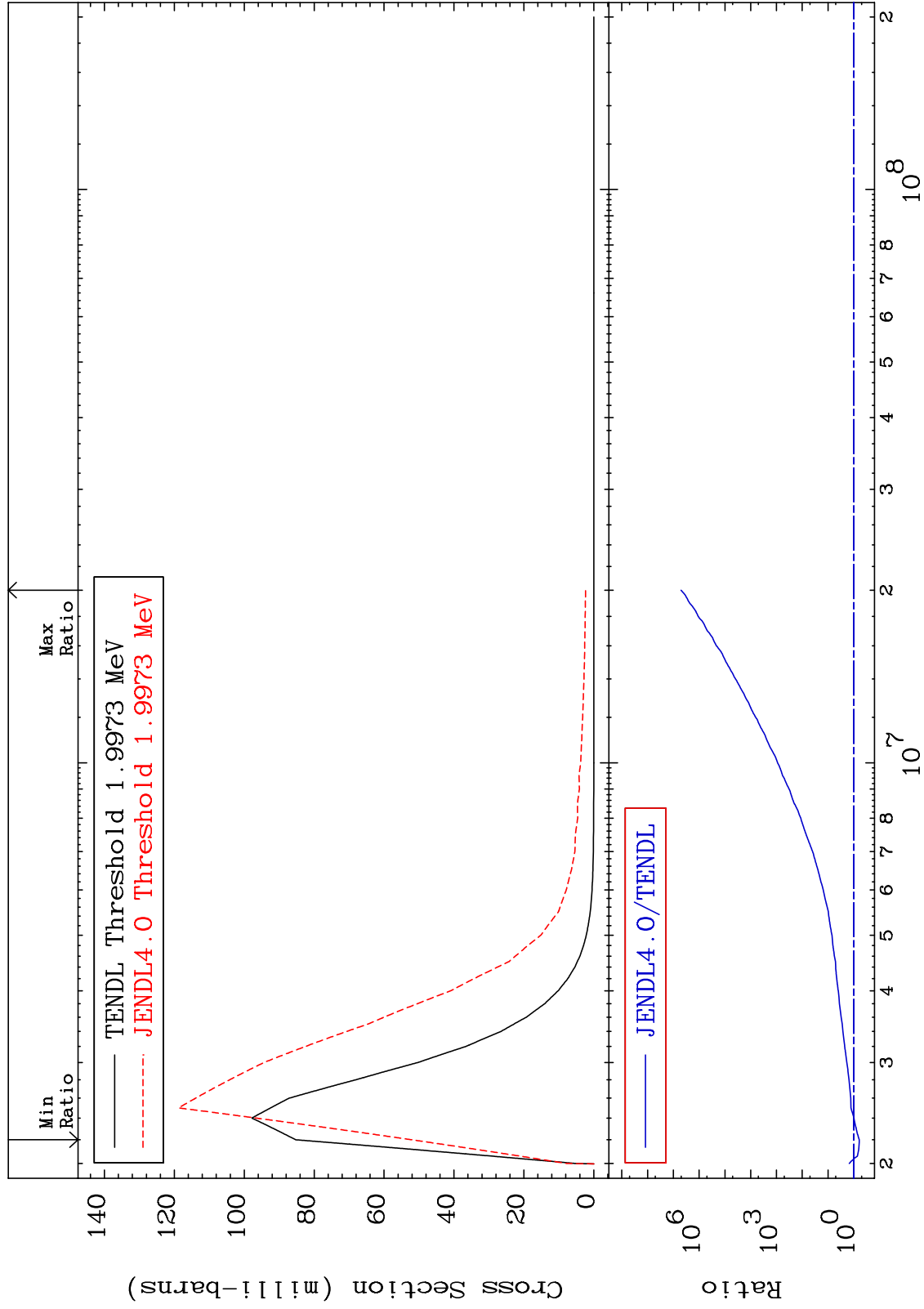
42-Mo-100
-25.06 To 110.5 %



MAT 4249

MT= 62 (n,n') Level
Cross Section

42-Mo-100
-38.81 To 9999. %

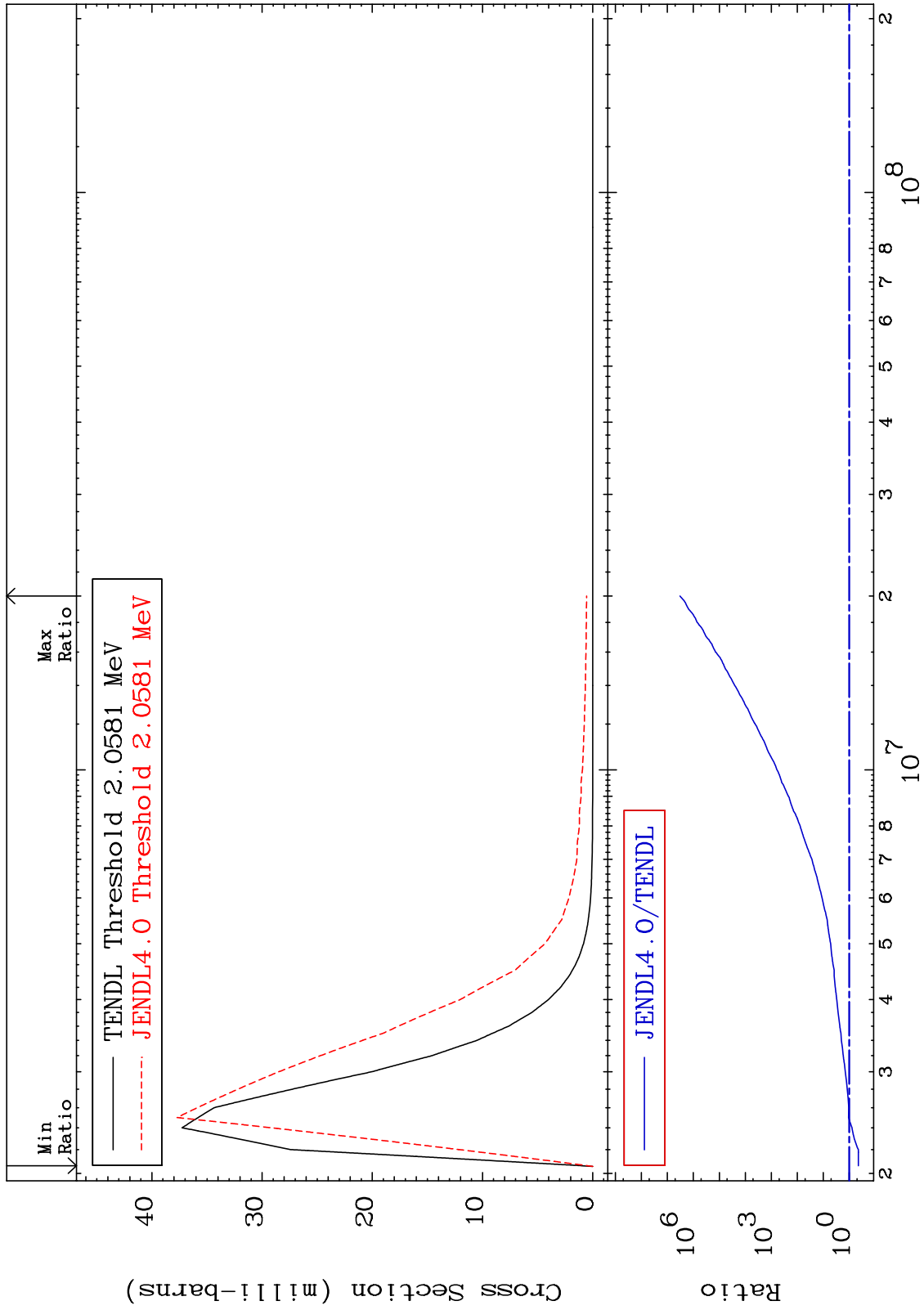


20

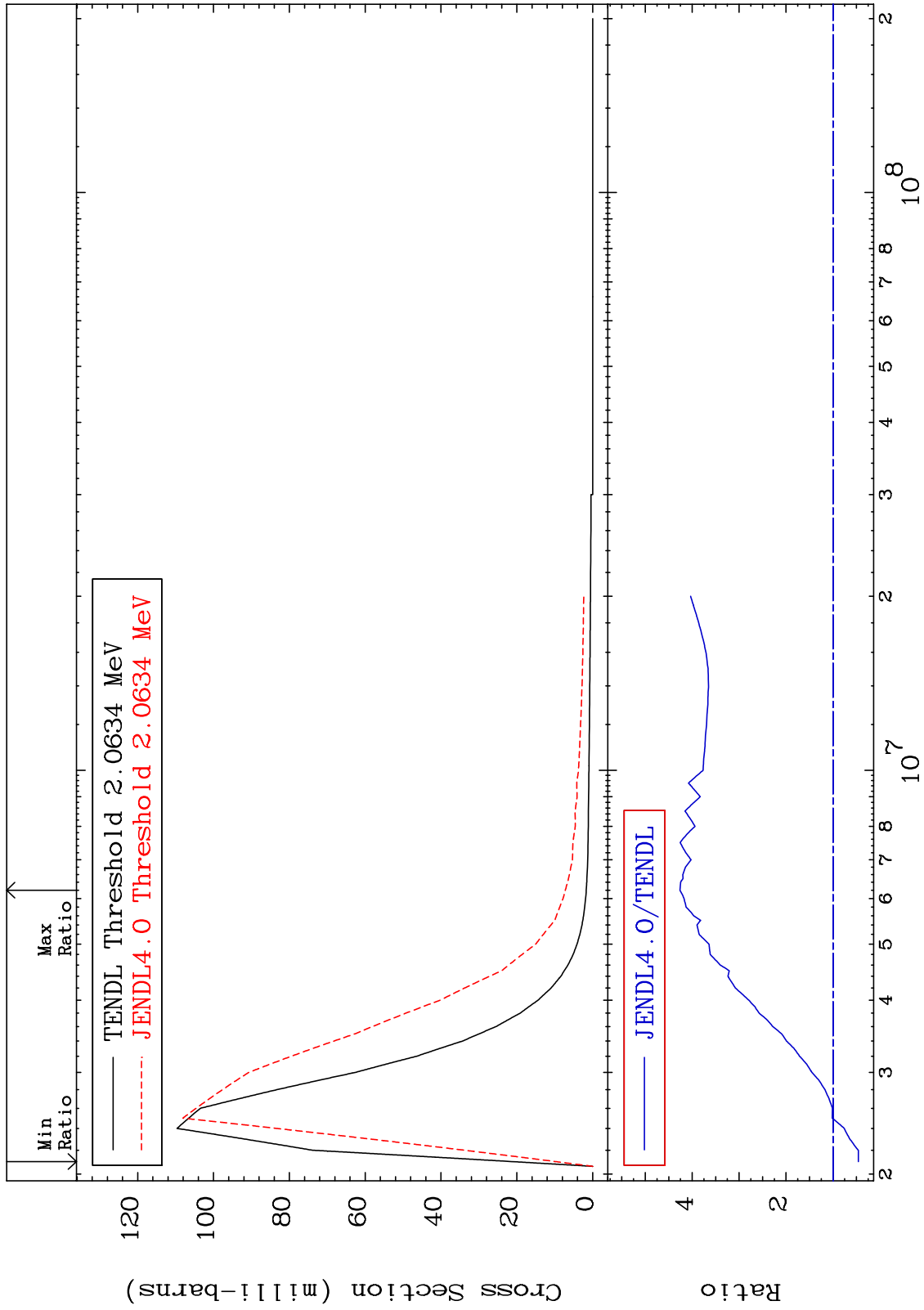
Incident Energy (eV)

42-Mo-100

MAT 4249 MT= 63 (n,n') Level Cross Section 42-Mo-100
 -55.89 To 9999. %



MAT 4249 MT= 64 (n,n') Level Cross Section 42-Mo-100
 -54.23 To 325.9 %



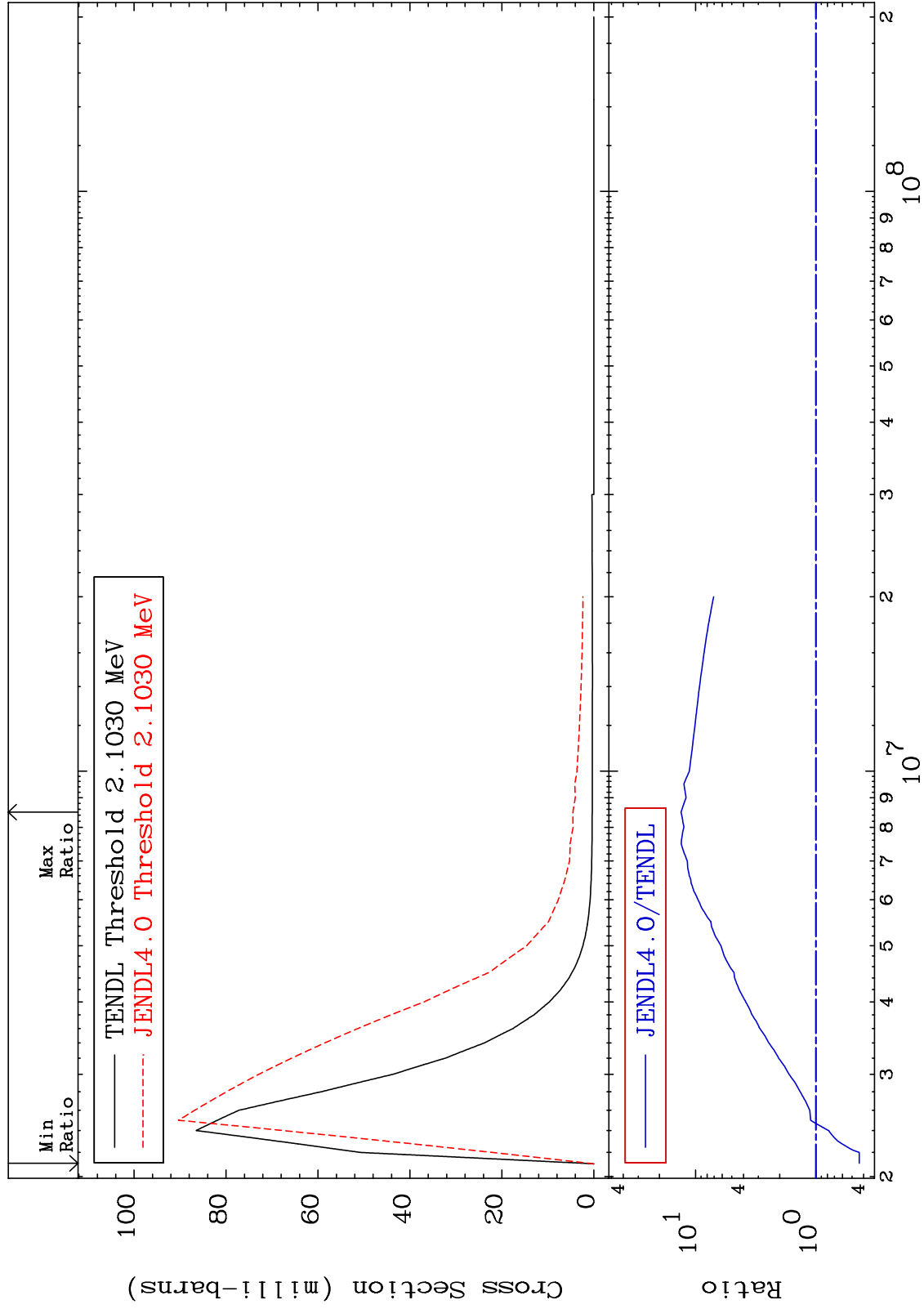
42-Mo-100

Incident Energy (eV)

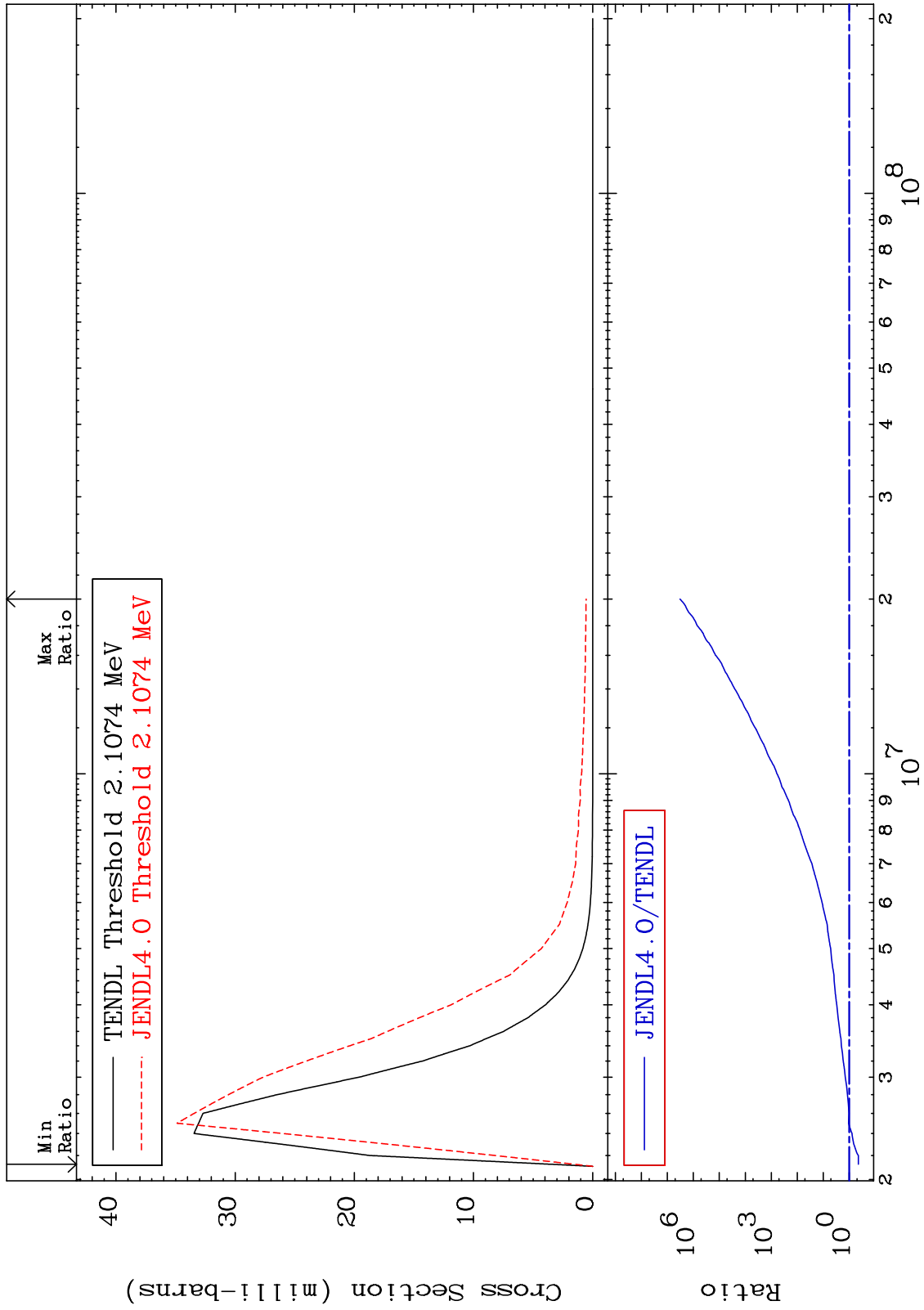
MAT 4249

MT= 65 (n,n') Level
Cross Section

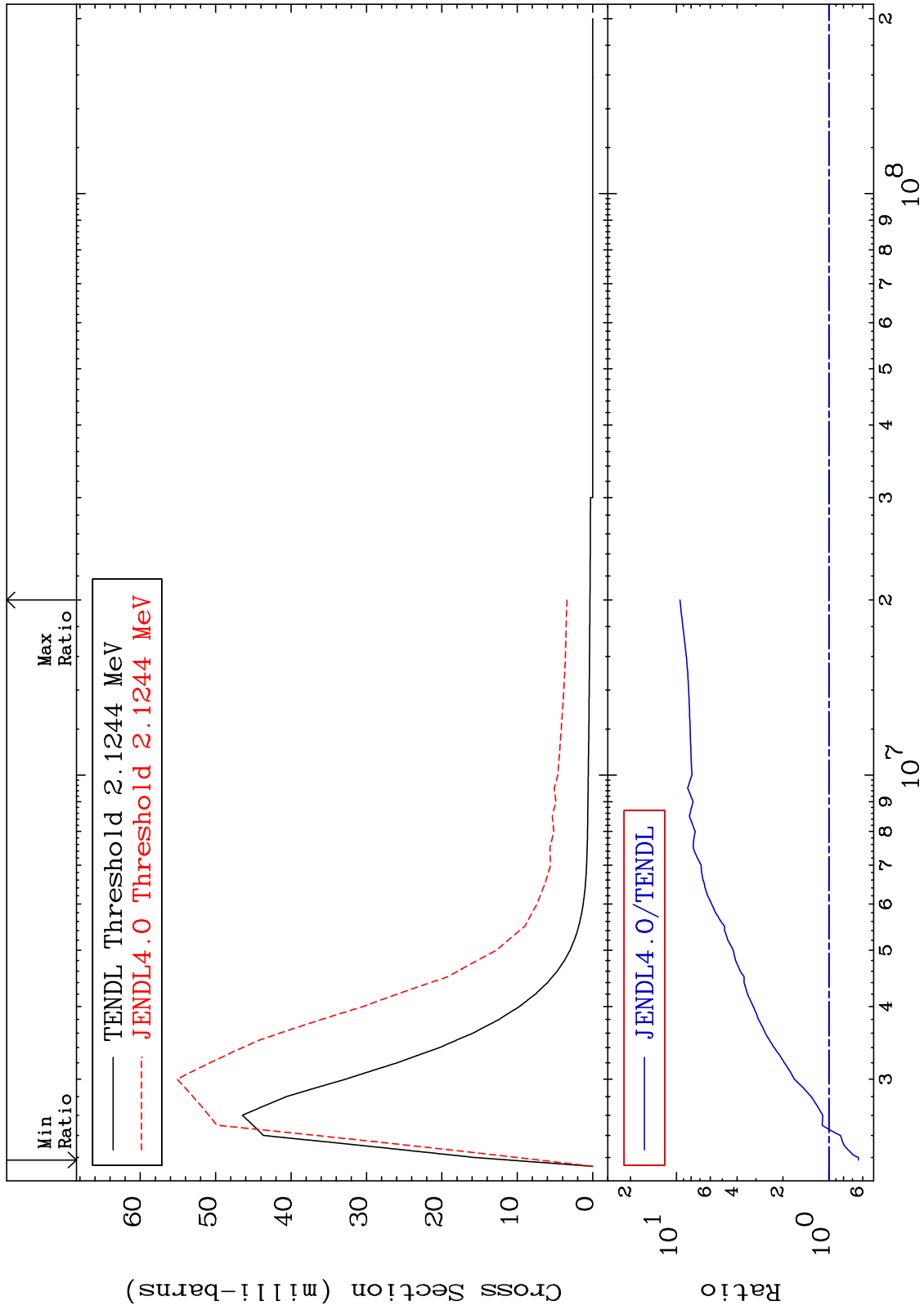
42-Mo-100
-56.53 To 1221. %



MAT 4249 MT= 66 (n,n') Level Cross Section 42-Mo-100
 -56.08 To 9999. %



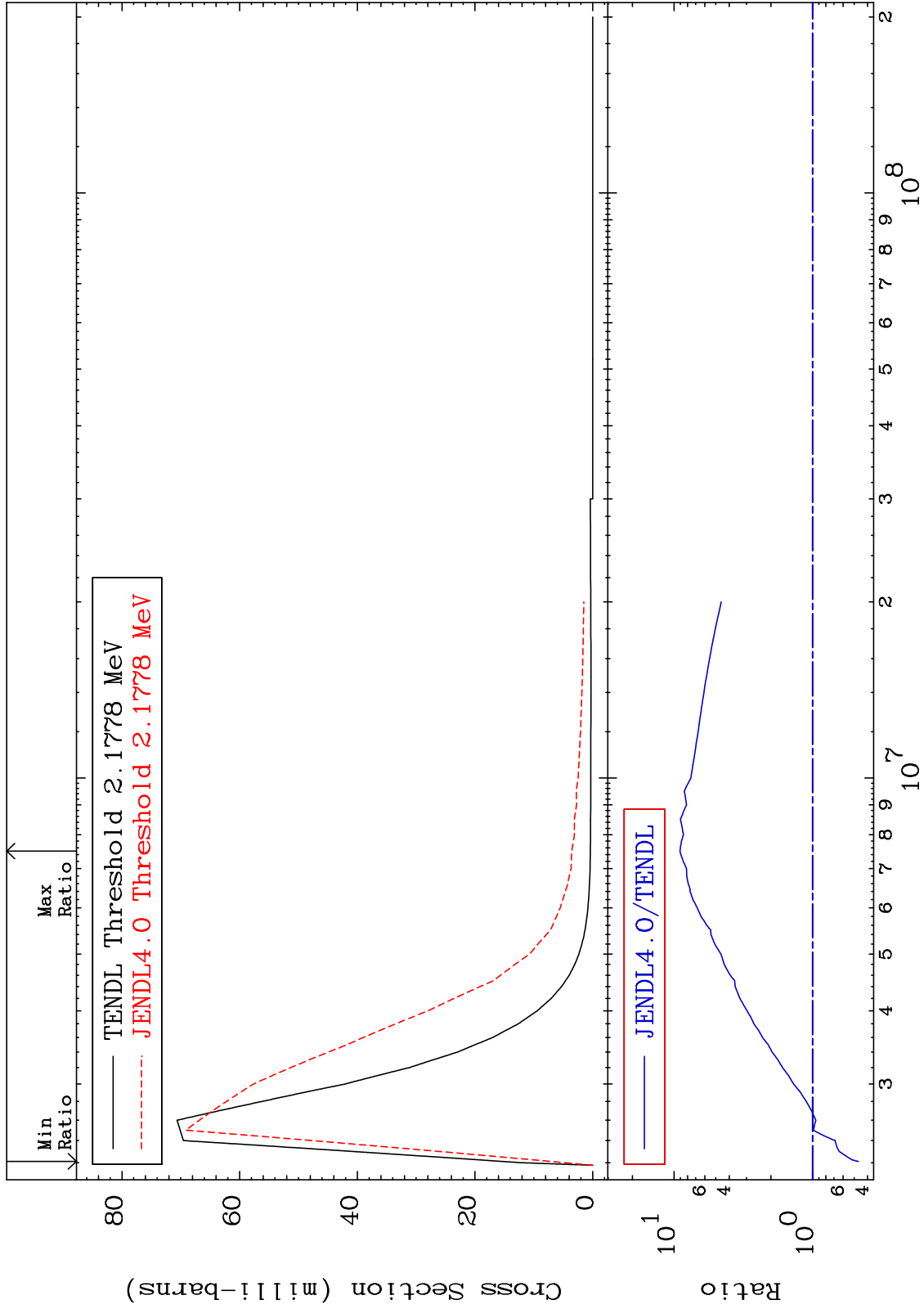
MAT 4249 MT= 67 (n,n') Level Cross Section 42-Mo-100
 -36.04 To 846.7 %



MAT 4249

MT= 68 (n,n') Level
Cross Section

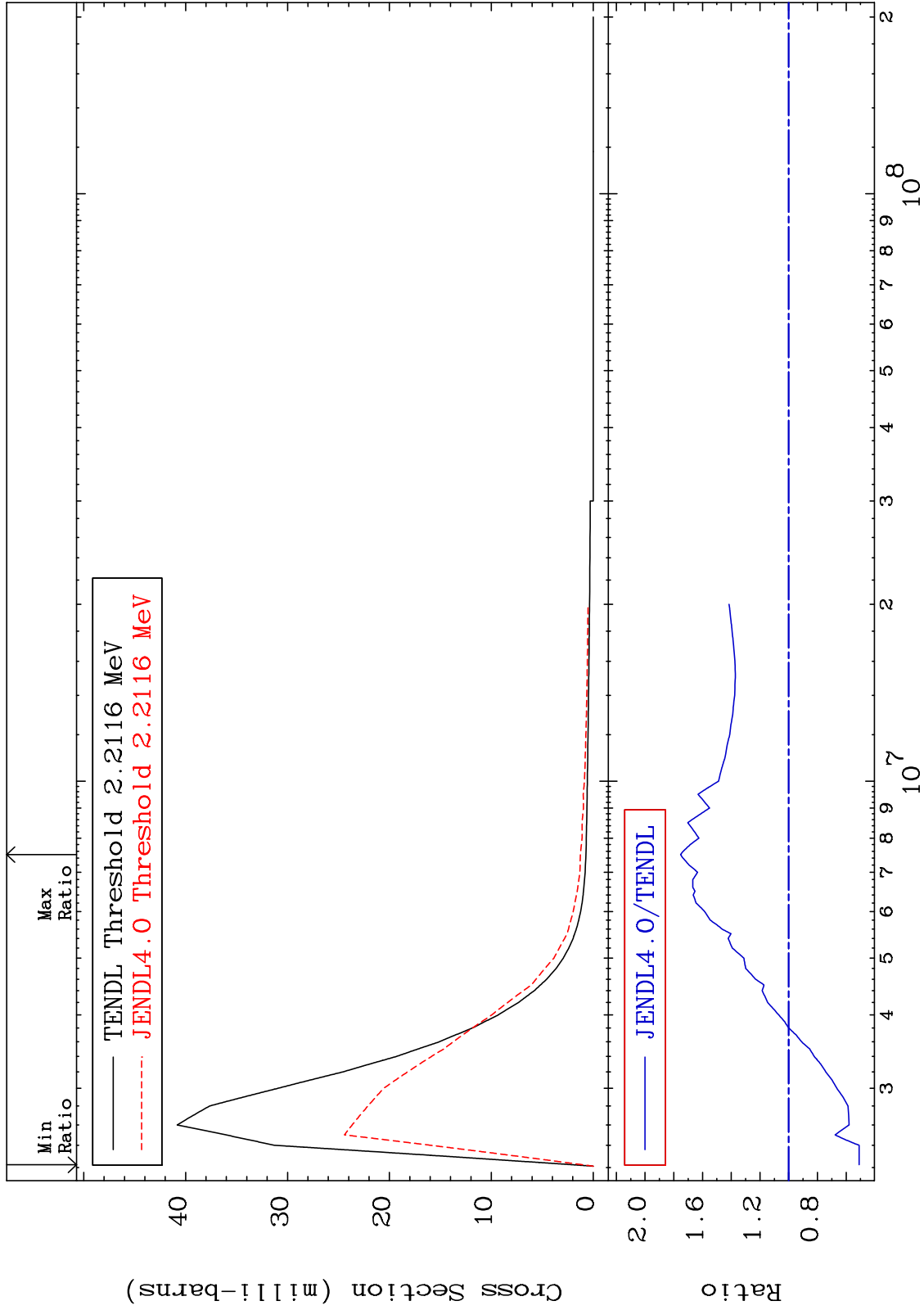
42-Mo-100
-53.45 To 806.6 %



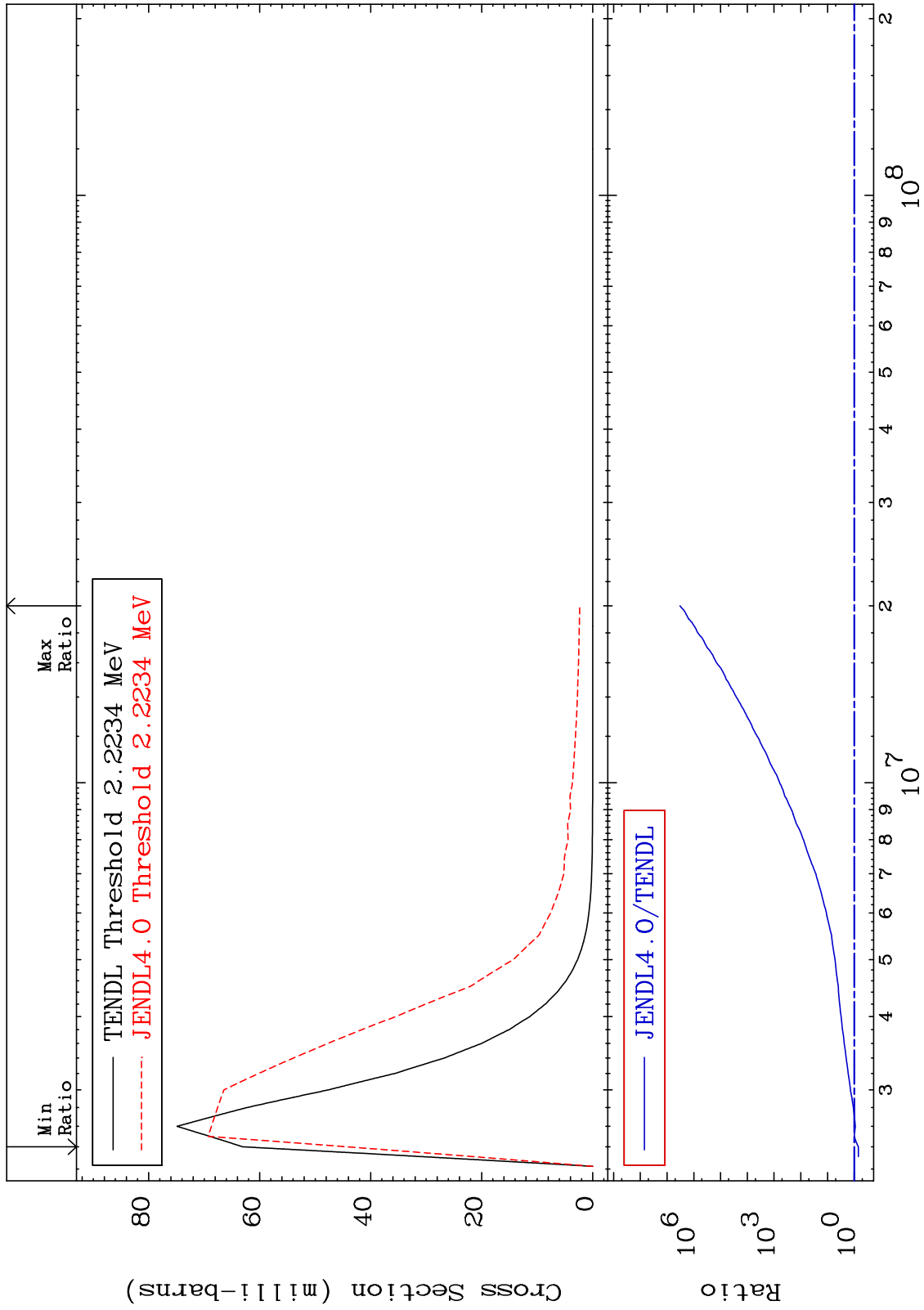
MAT 4249

MT= 69 (n,n') Level
Cross Section

42-Mo-100
-49.06 To 75.24 %



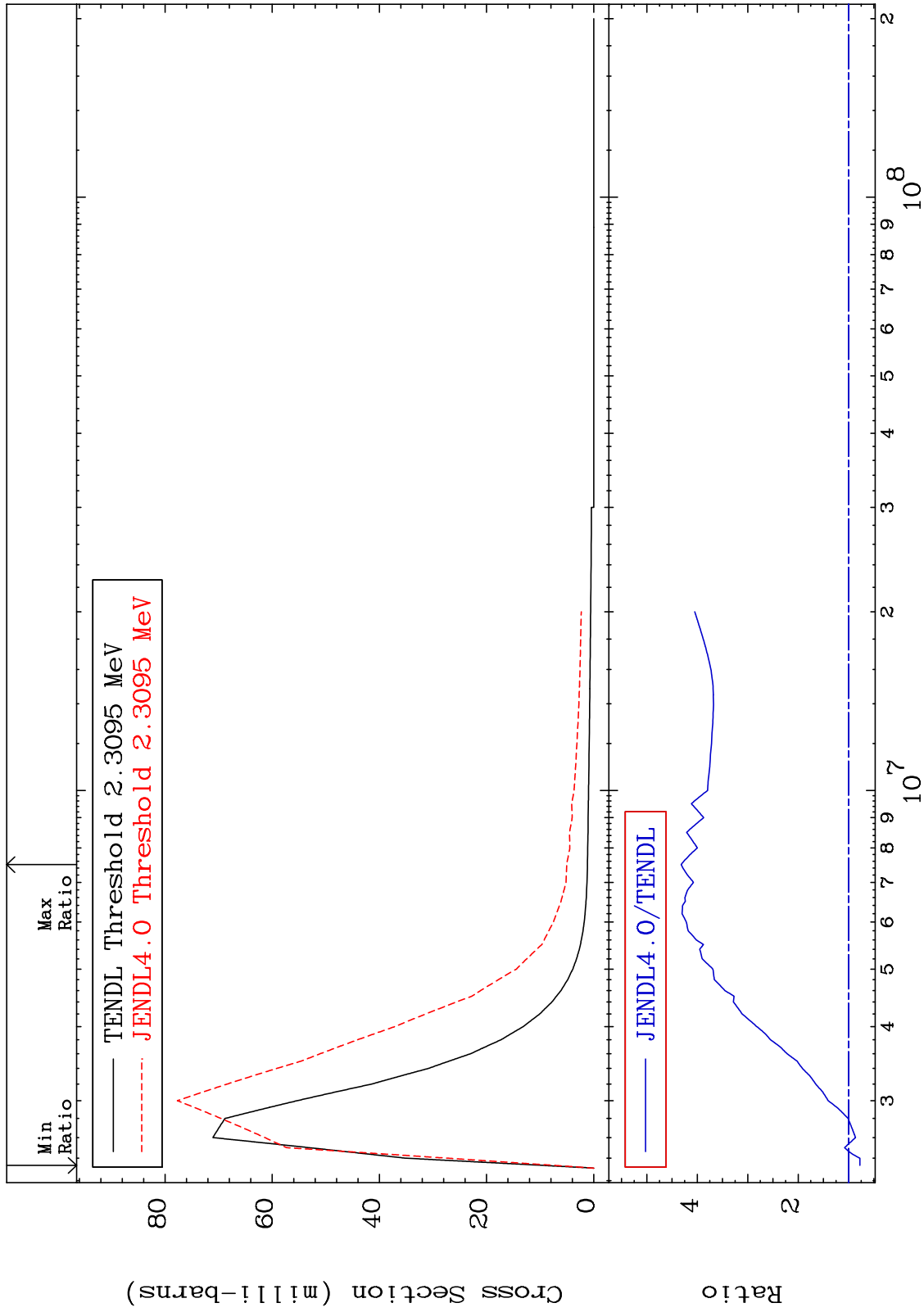
MAT 4249 MT= 70 (n,n') Level 42-Mo-100
 Cross Section -29.85 To 9999. %



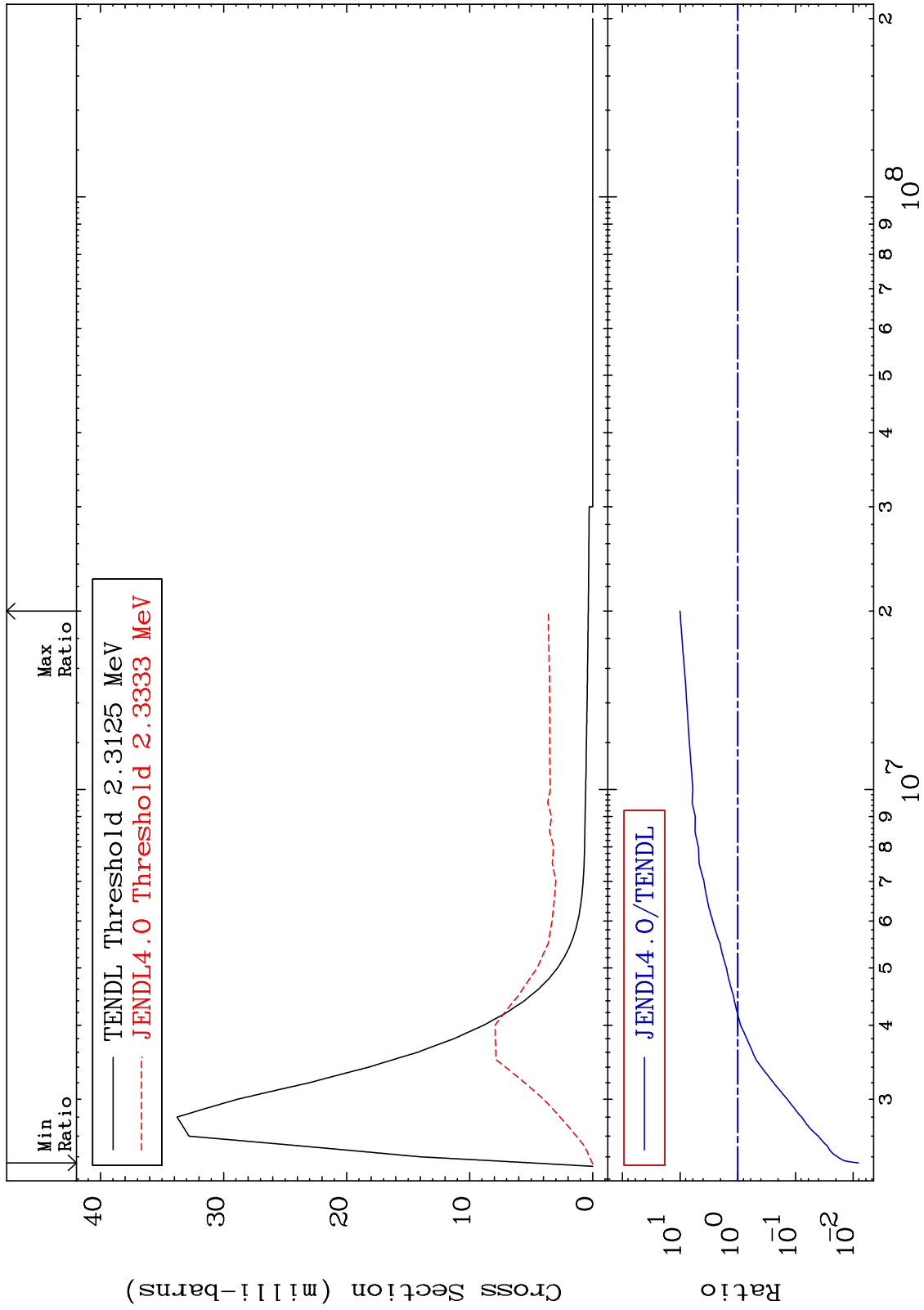
MAT 4249

MT= 71 (n,n') Level
Cross Section

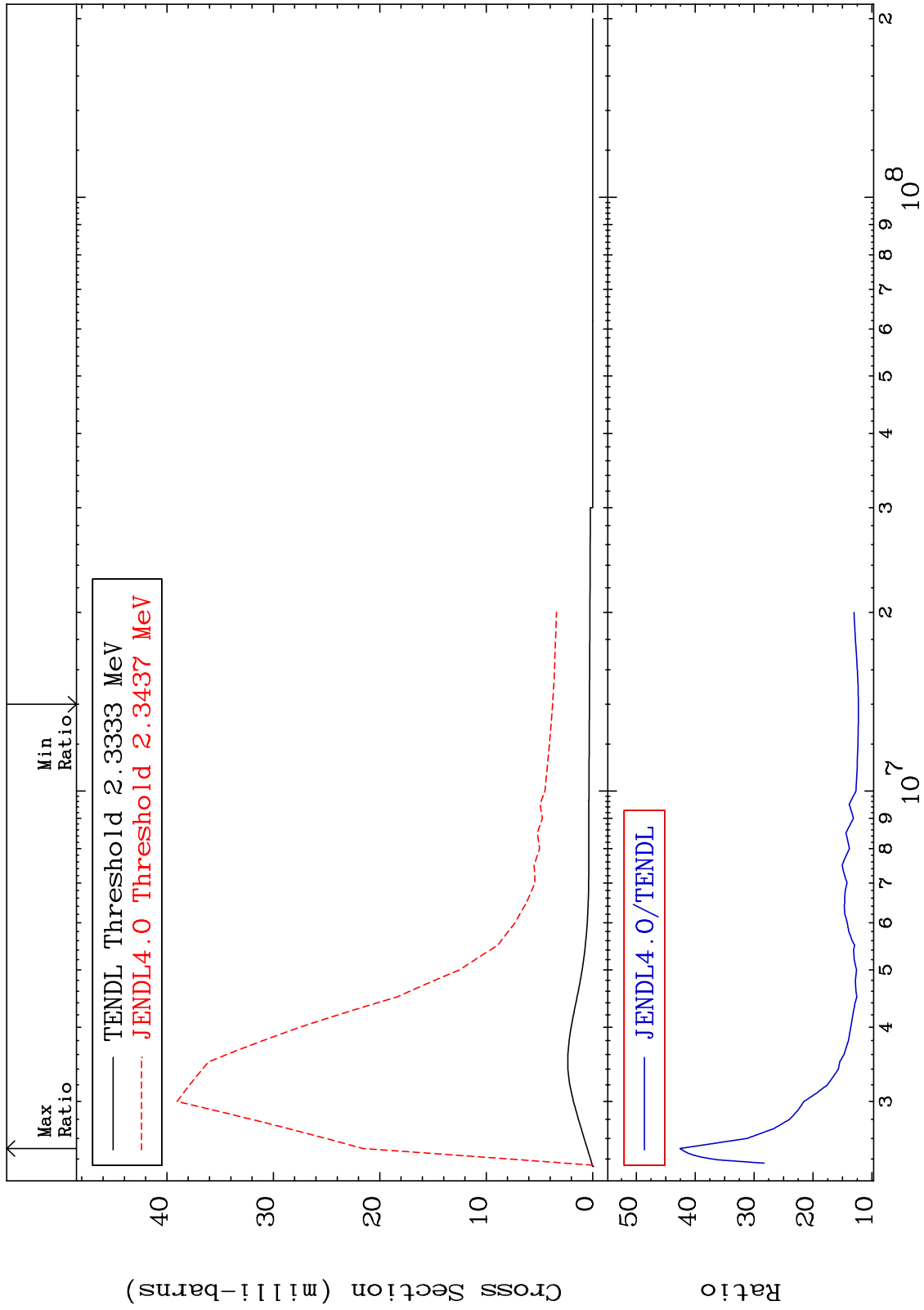
42-Mo-100
-22.44 To 331.8 %



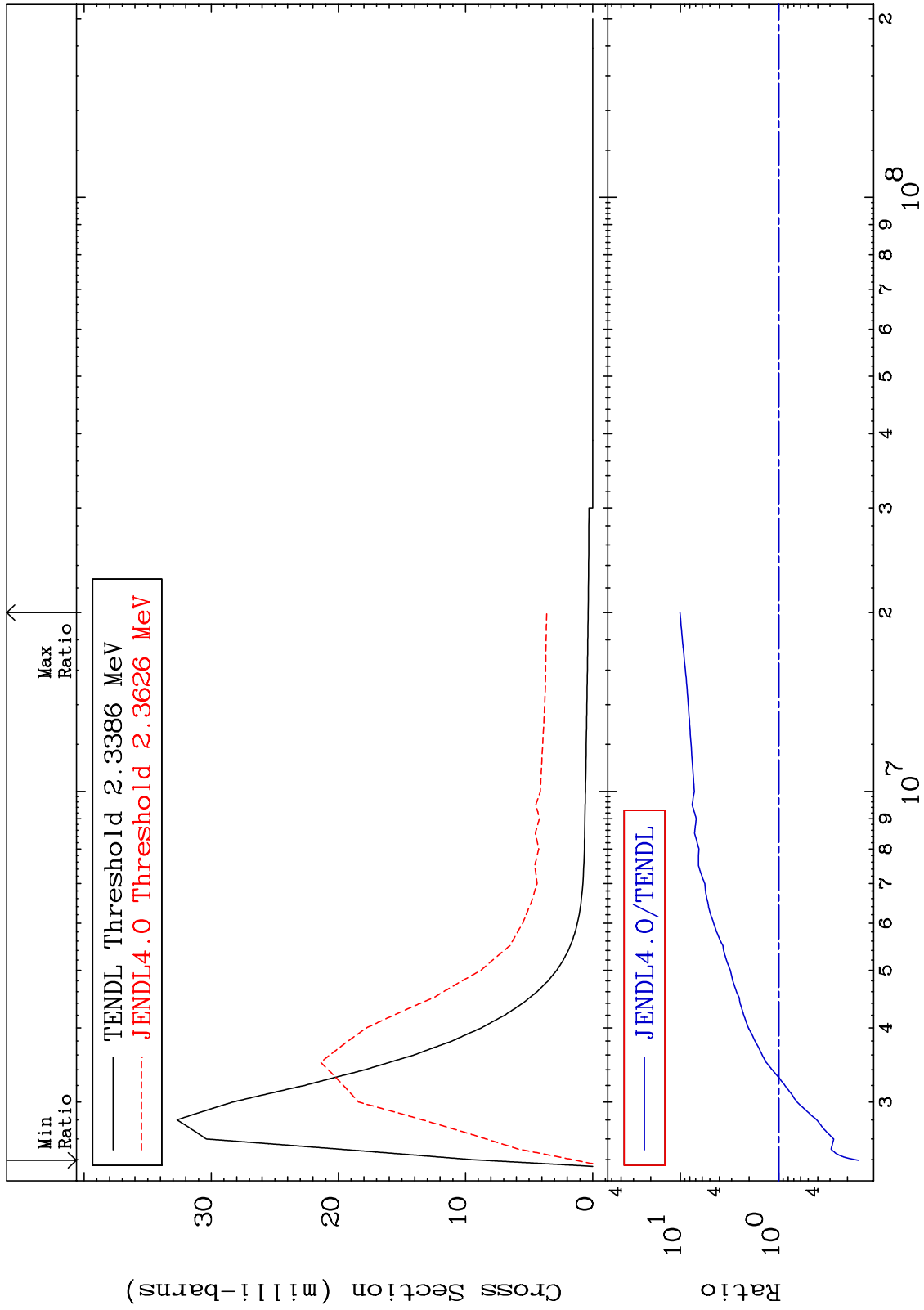
MAT 4249 MT= 72 (n,n') Level Cross Section 42-Mo-100
 -99.19 To 904.0 %



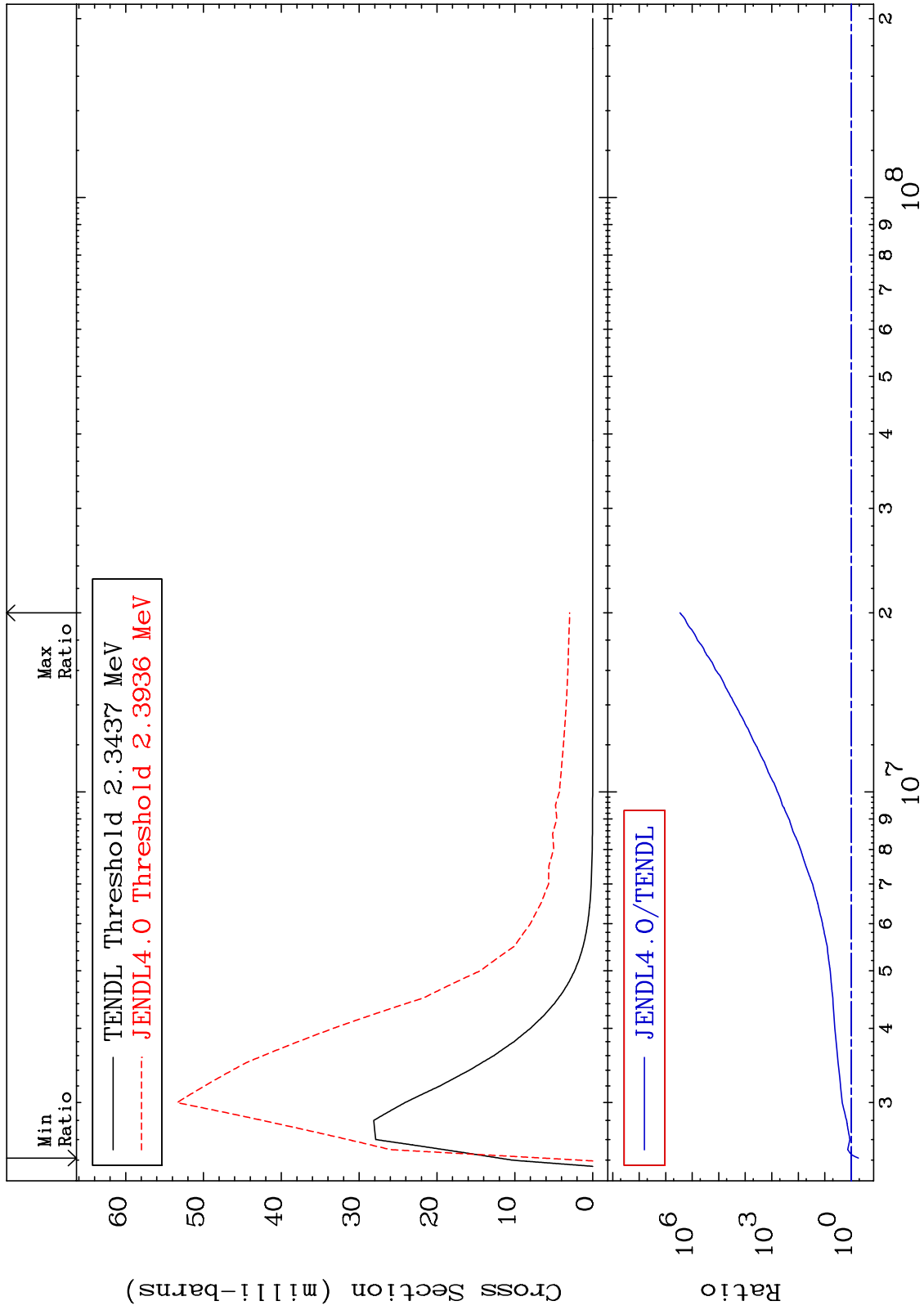
MAT 4249 MT= 73 (n,n') Level Cross Section 42-Mo-100 To 4157. %
 1129.



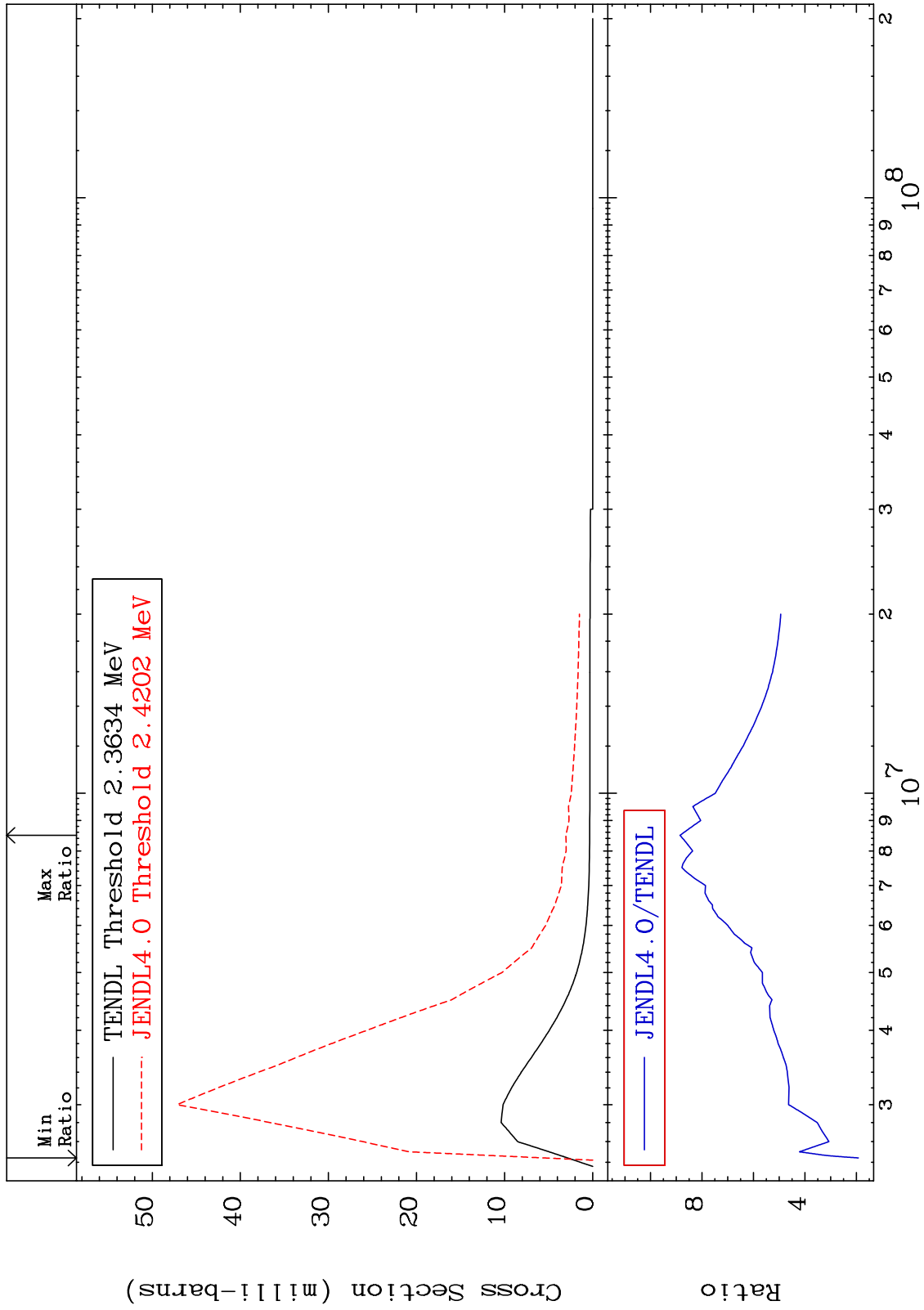
MAT 4249 MT= 74 (n,n') Level 42-Mo-100
 Cross Section -84.54 To 907.0 %



MAT 4249 MT= 75 (n,n') Level Cross Section 42-Mo-100
 -46.11 To 9999. %



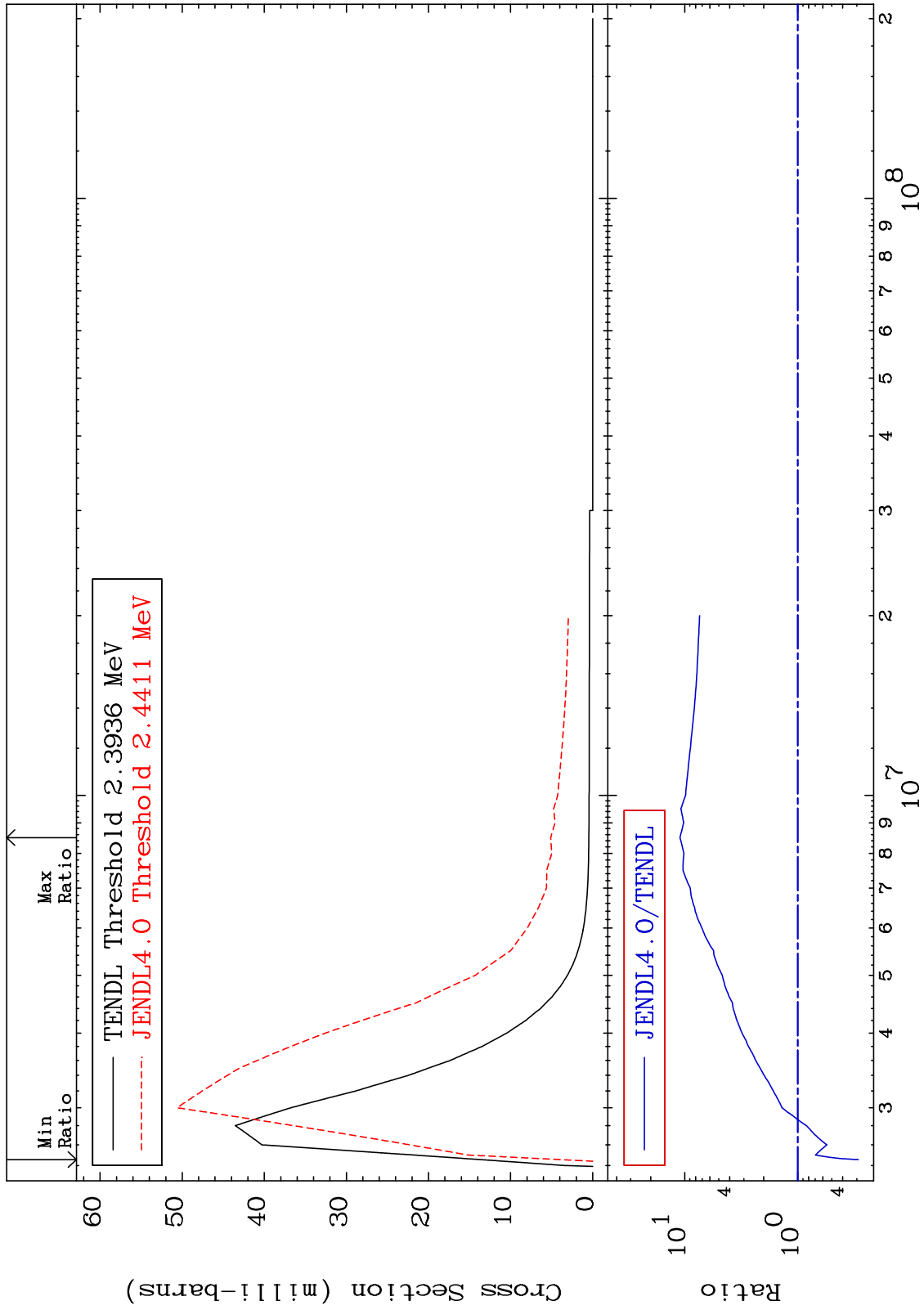
MAT 4249 MT= 76 (n,n') Level Cross Section 42-Mo-100
 91.97 To 785.6 %



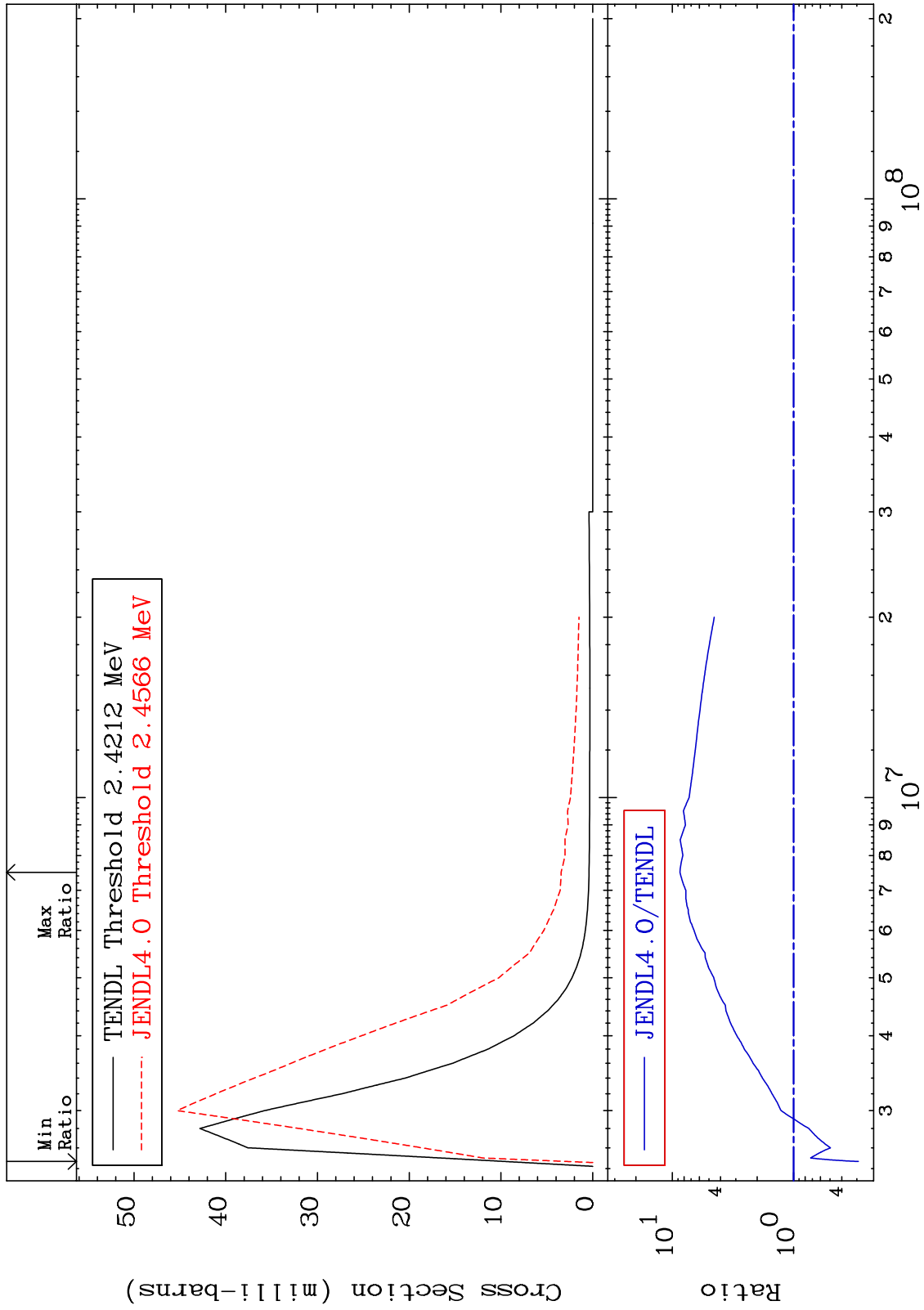
42-Mo-100

Incident Energy (eV)

MAT 4249 MT= 77 (n,n') Level
 Cross Section 42-Mo-100
 -70.91 To 999.8 %



MAT 4249 MT= 78 (n,n') Level Cross Section 42-Mo-100
 -70.89 To 765.4 %



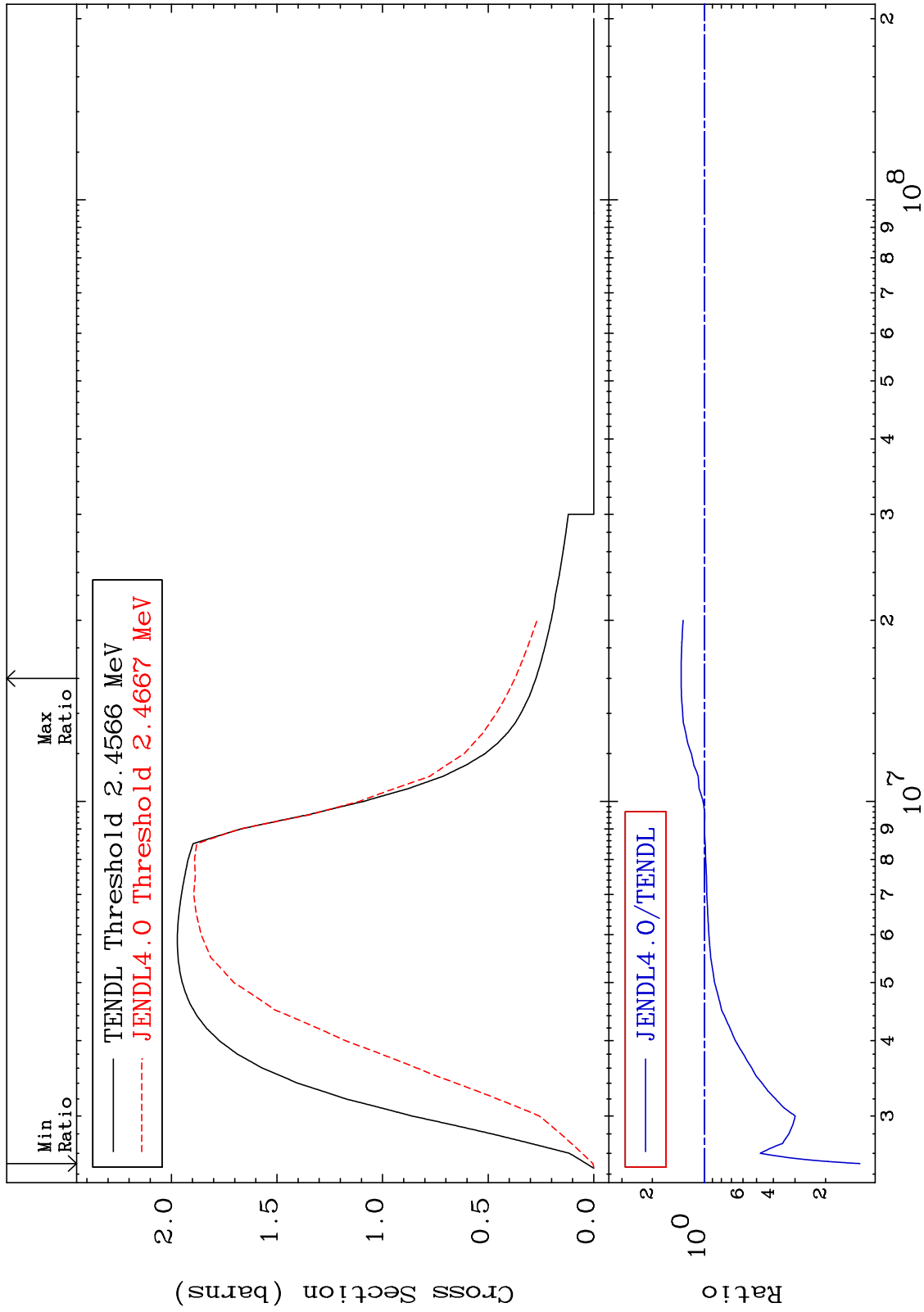
42-Mo-100

Incident Energy (eV)

MAT 4249

(n, n') Continuum
Cross Section

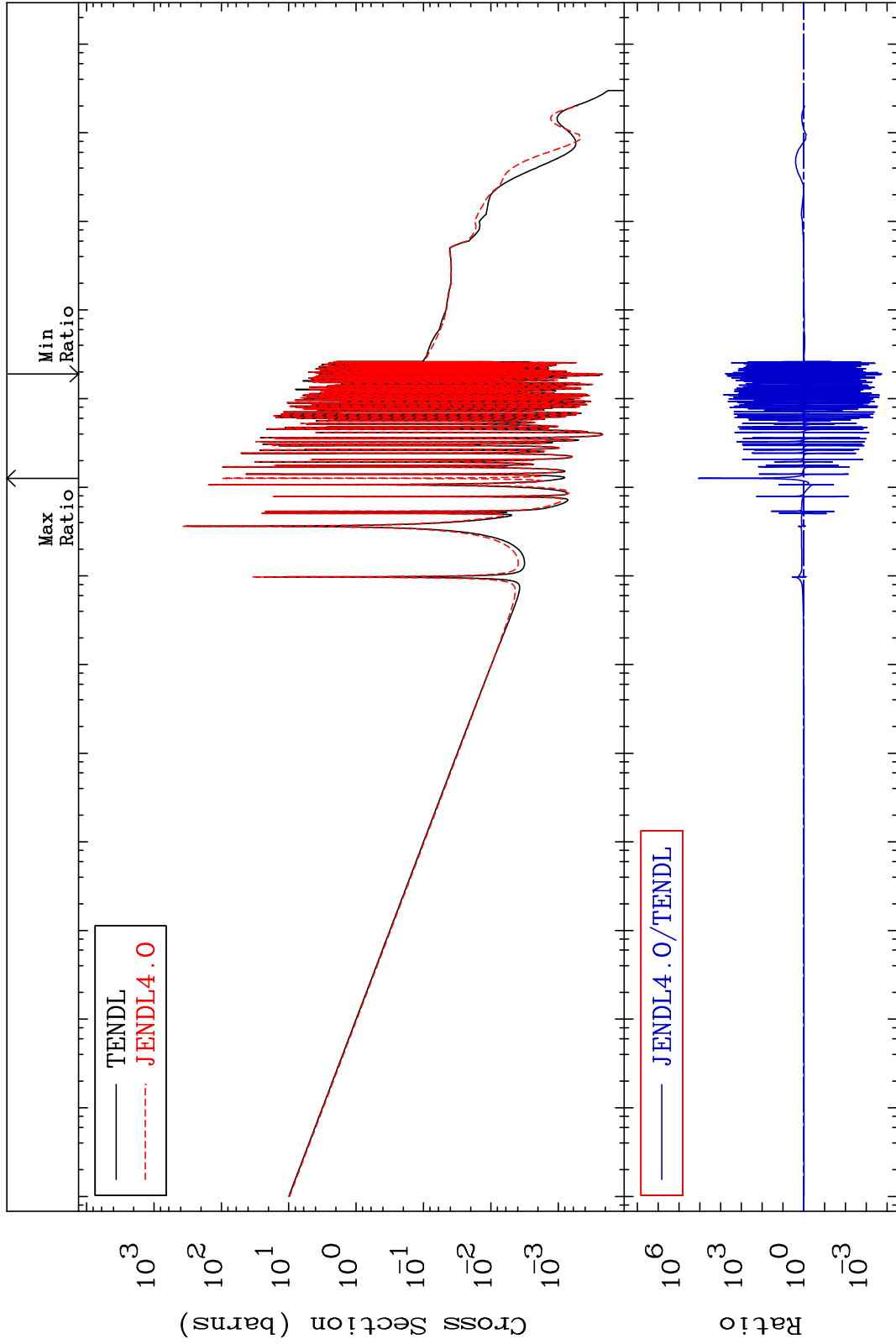
42-Mo-100
-87.35 To 36.25 %



MAT 4249

(n, γ)
Cross Section

42-Mo-100
-99.98 To 9999. %



38

42-Mo-100

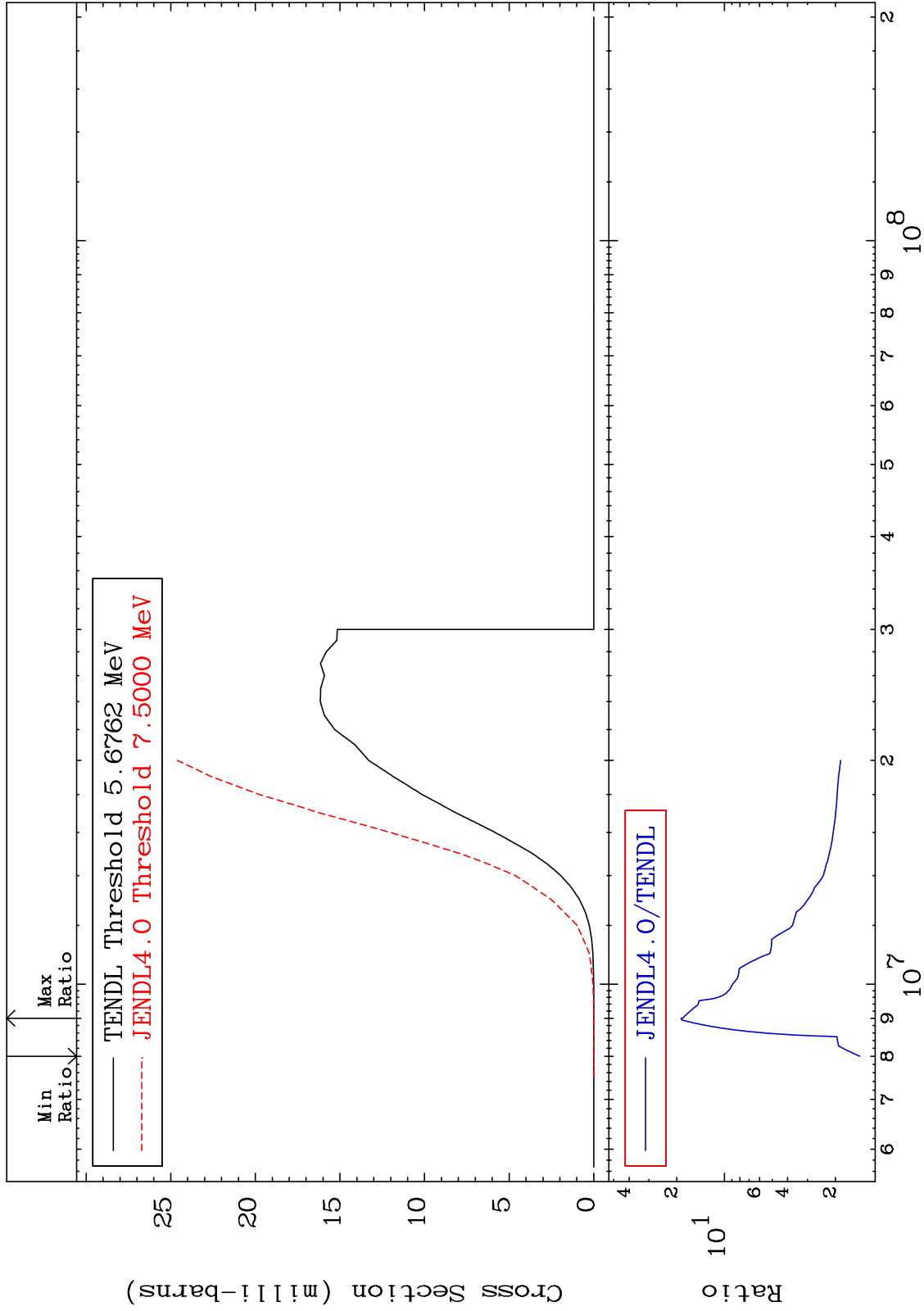
MAT 4249

(n,p)

42-Mo-100

Cross Section

39.86 To 1776. %



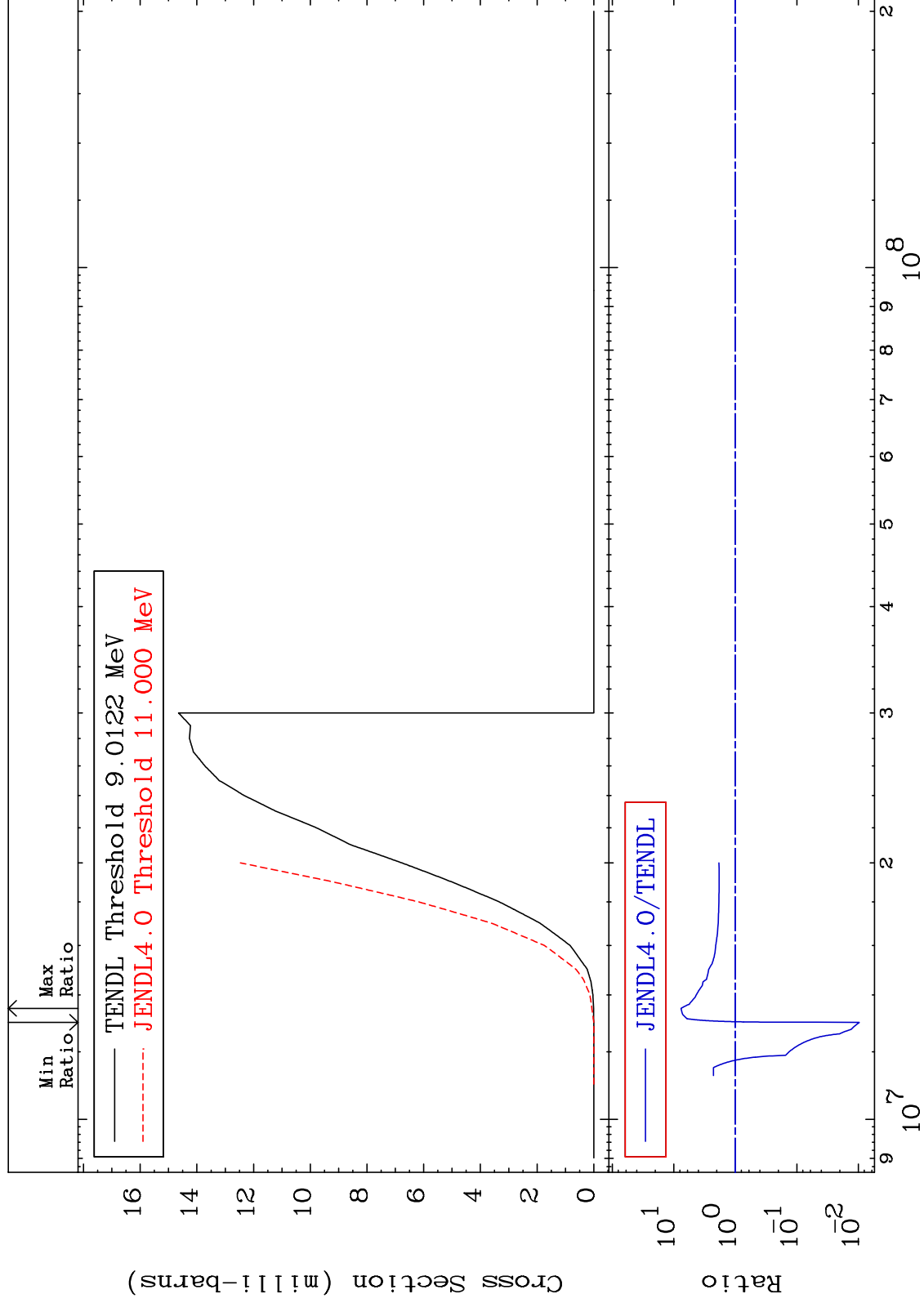
MAT 4249

(n, d)

42-Mo-100

Cross Section

-99.04 To 663.4 %



42-Mo-100

Incident Energy (eV)

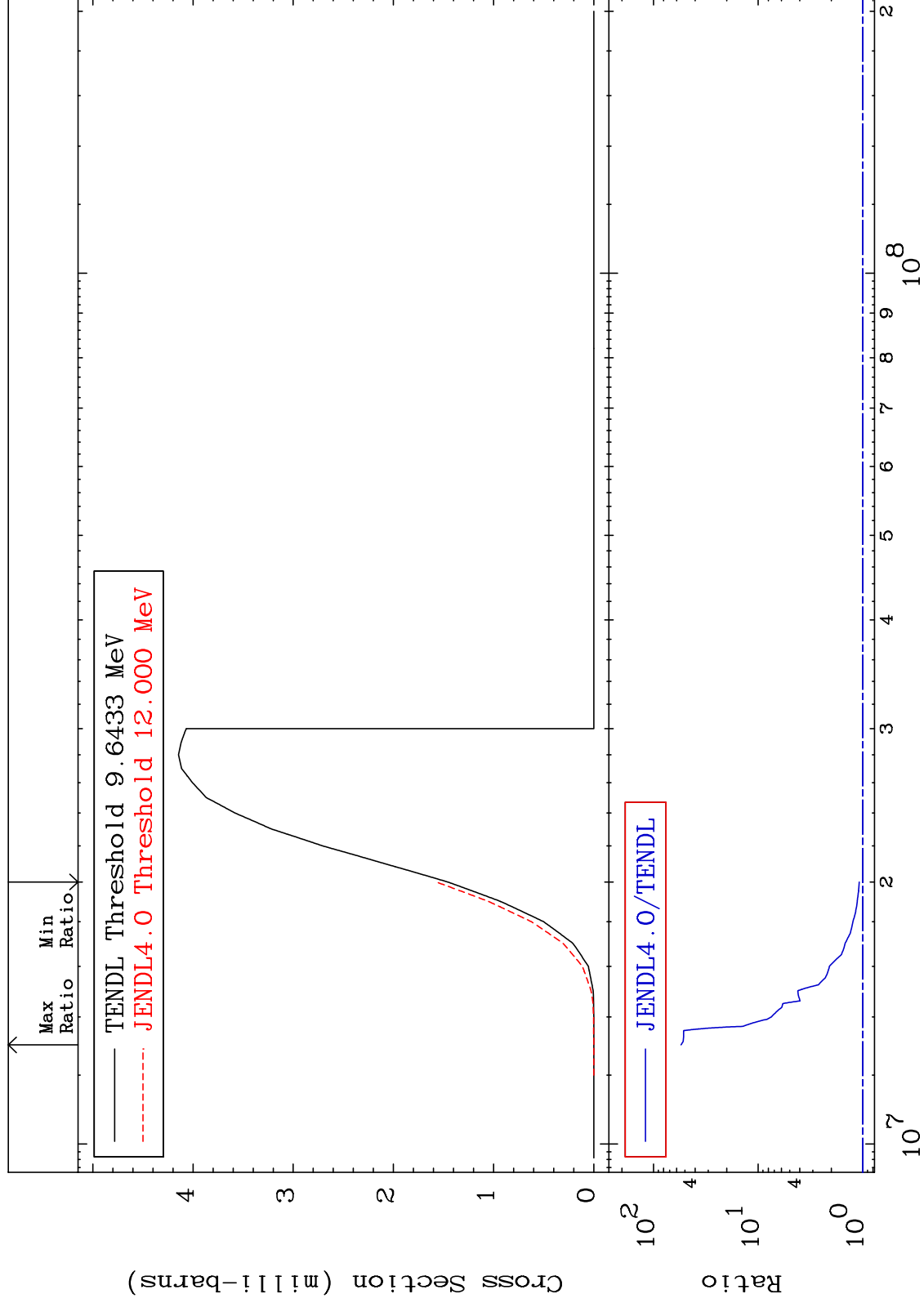
40

MAT 4249

(n, t)

Cross Section

42-Mo-100
7.970 To 5355. %



41

Incident Energy (eV)

42-Mo-100

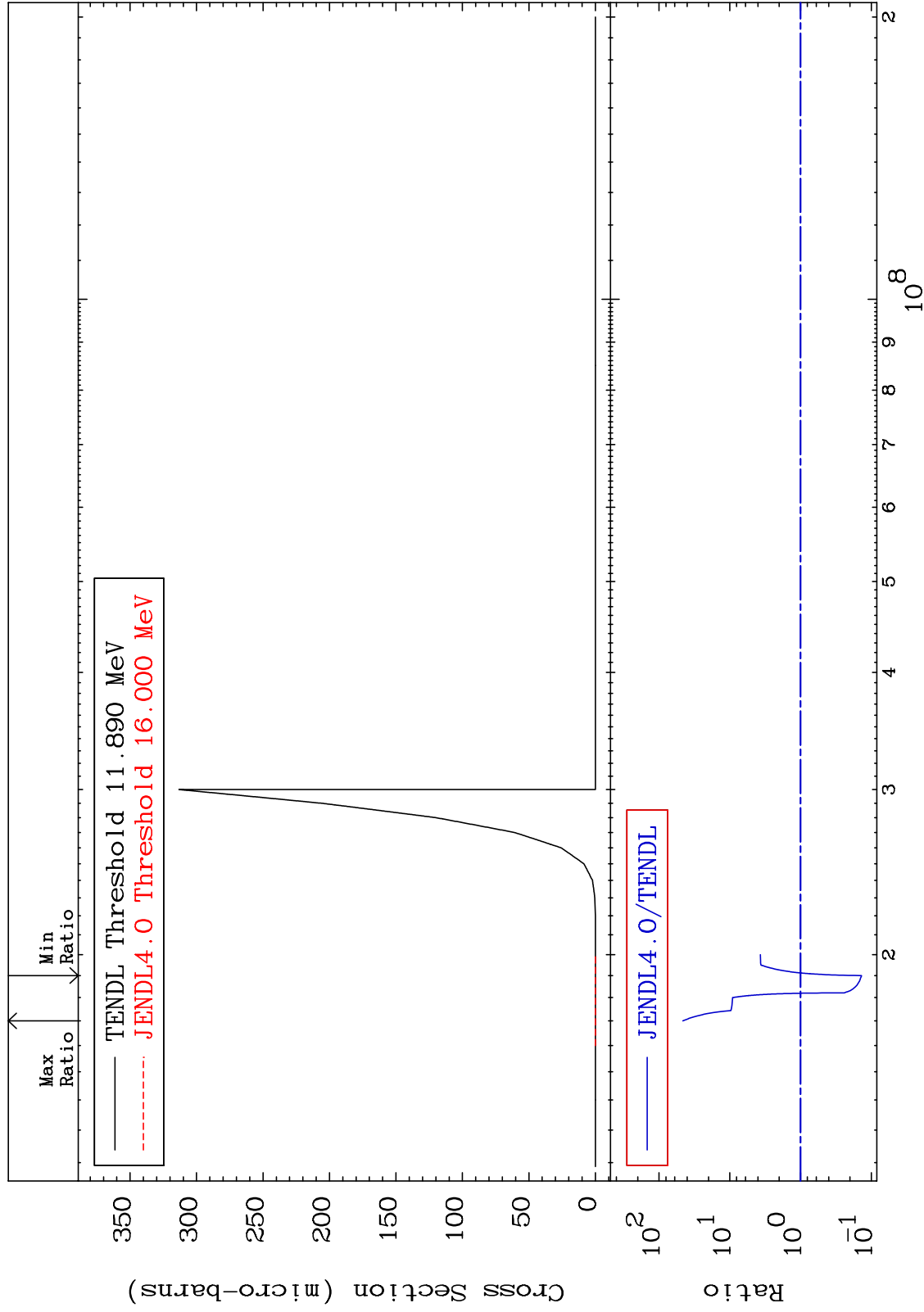
MAT 4249

(n, He-3)

42-Mo-100

Cross Section

-86.27 To 4504. %



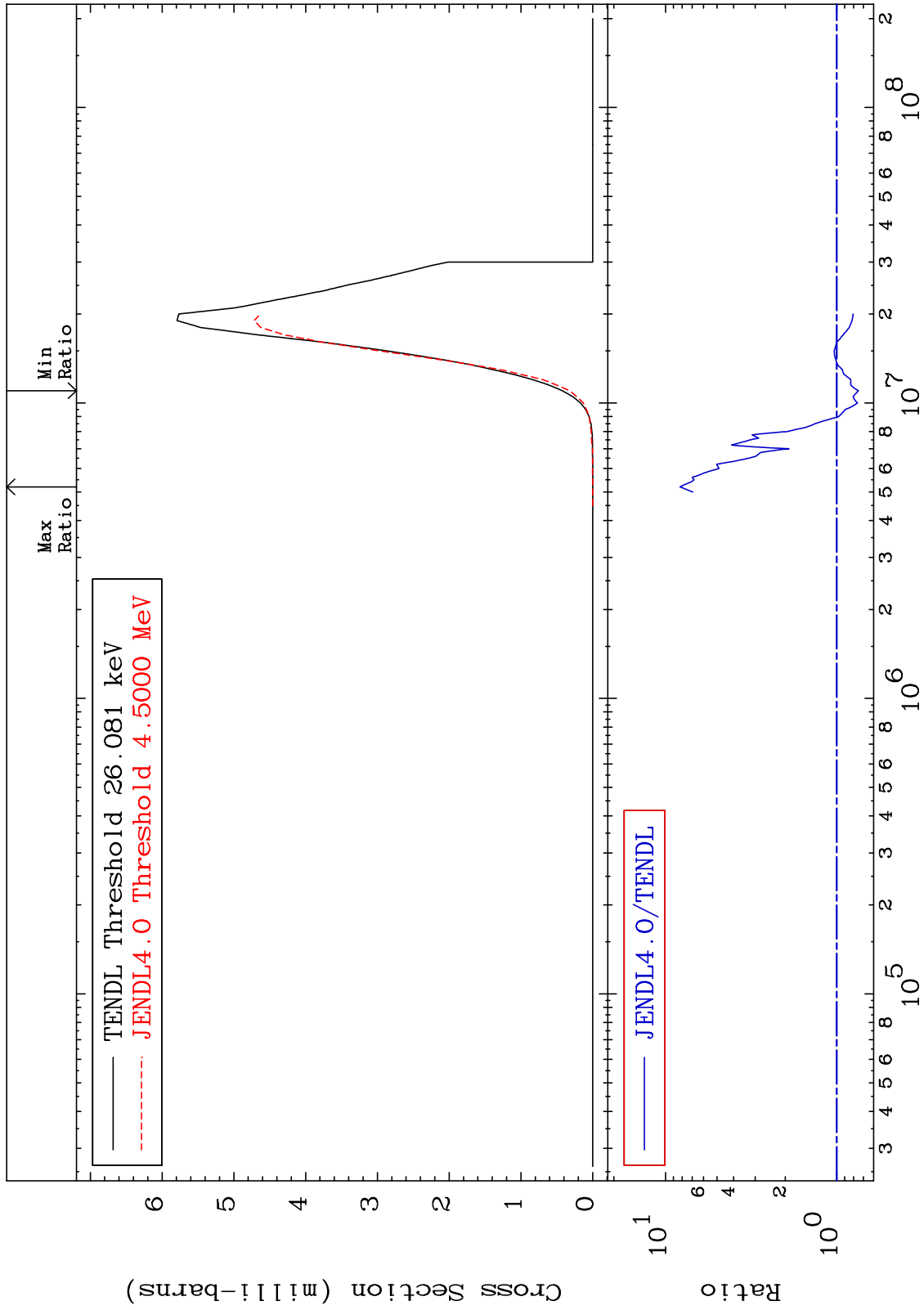
MAT 4249

42-Mo-100

-25.13 To 723.0 %

(n, α)

Cross Section



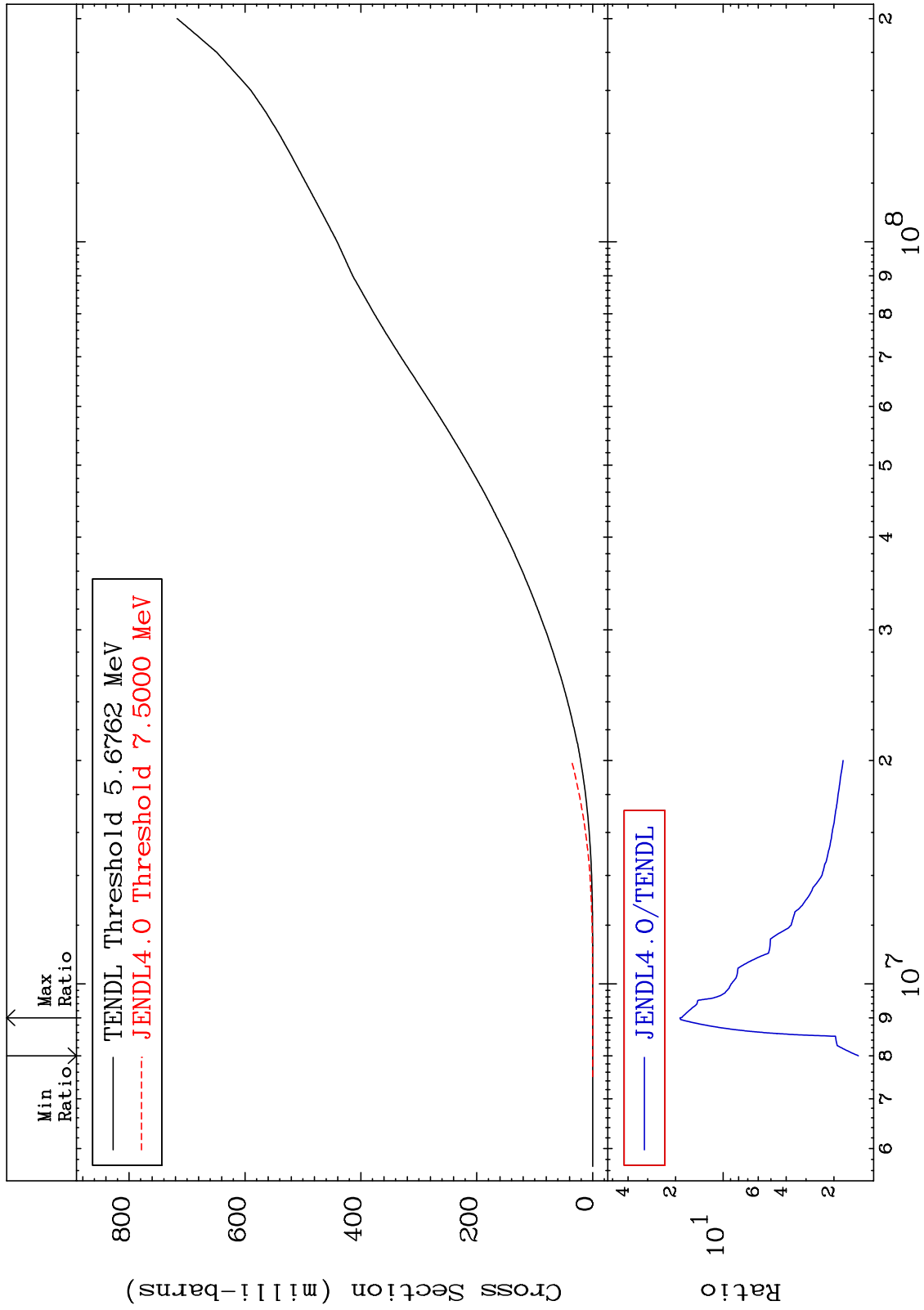
43

42-Mo-100

MAT 4249

Hydrogen Production
Cross Section

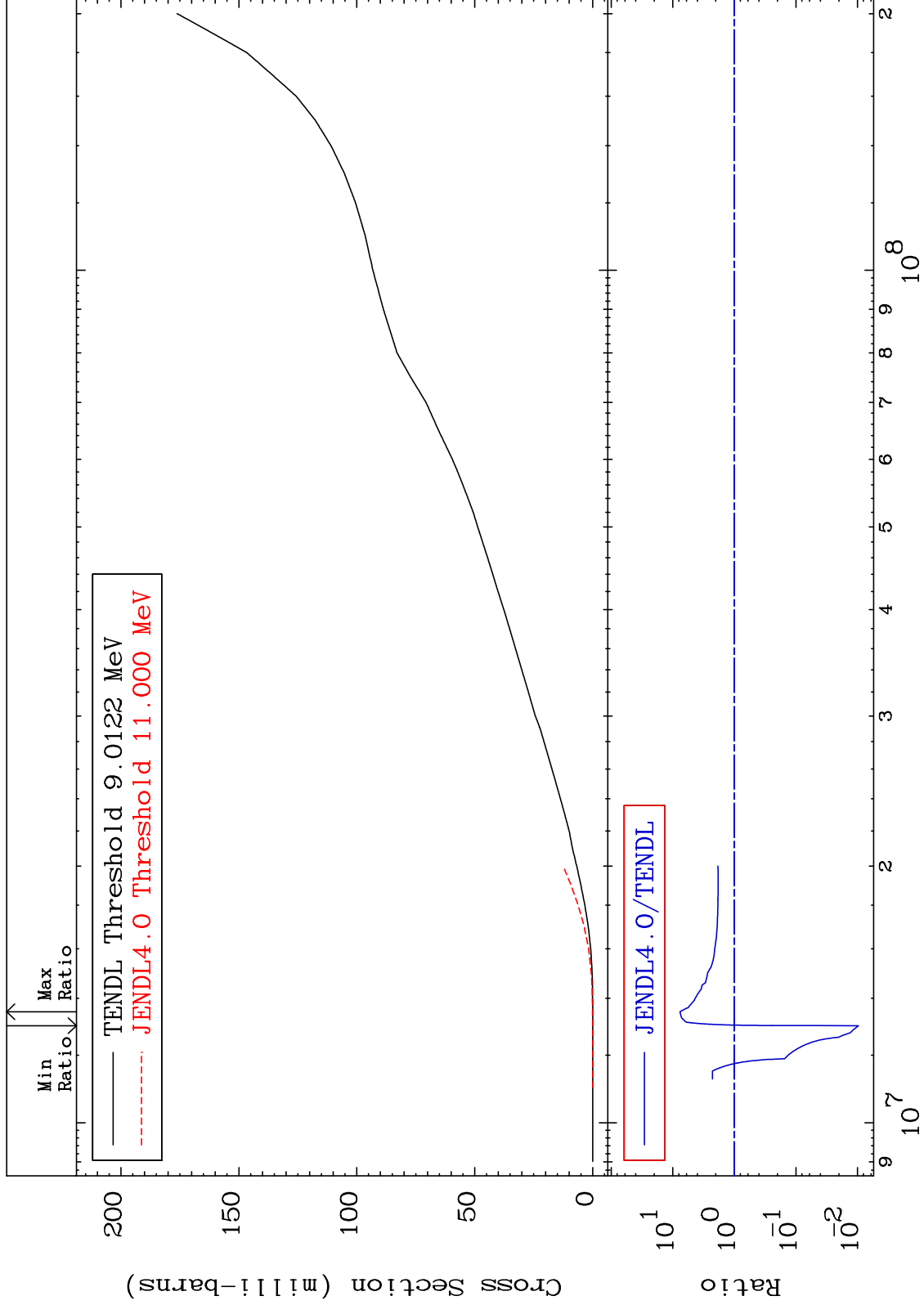
42-Mo-100
39.86 To 1776. %



MAT 4249

Deuterium Production
Cross Section

42-Mo-100
-99.04 To 663.4 %



45

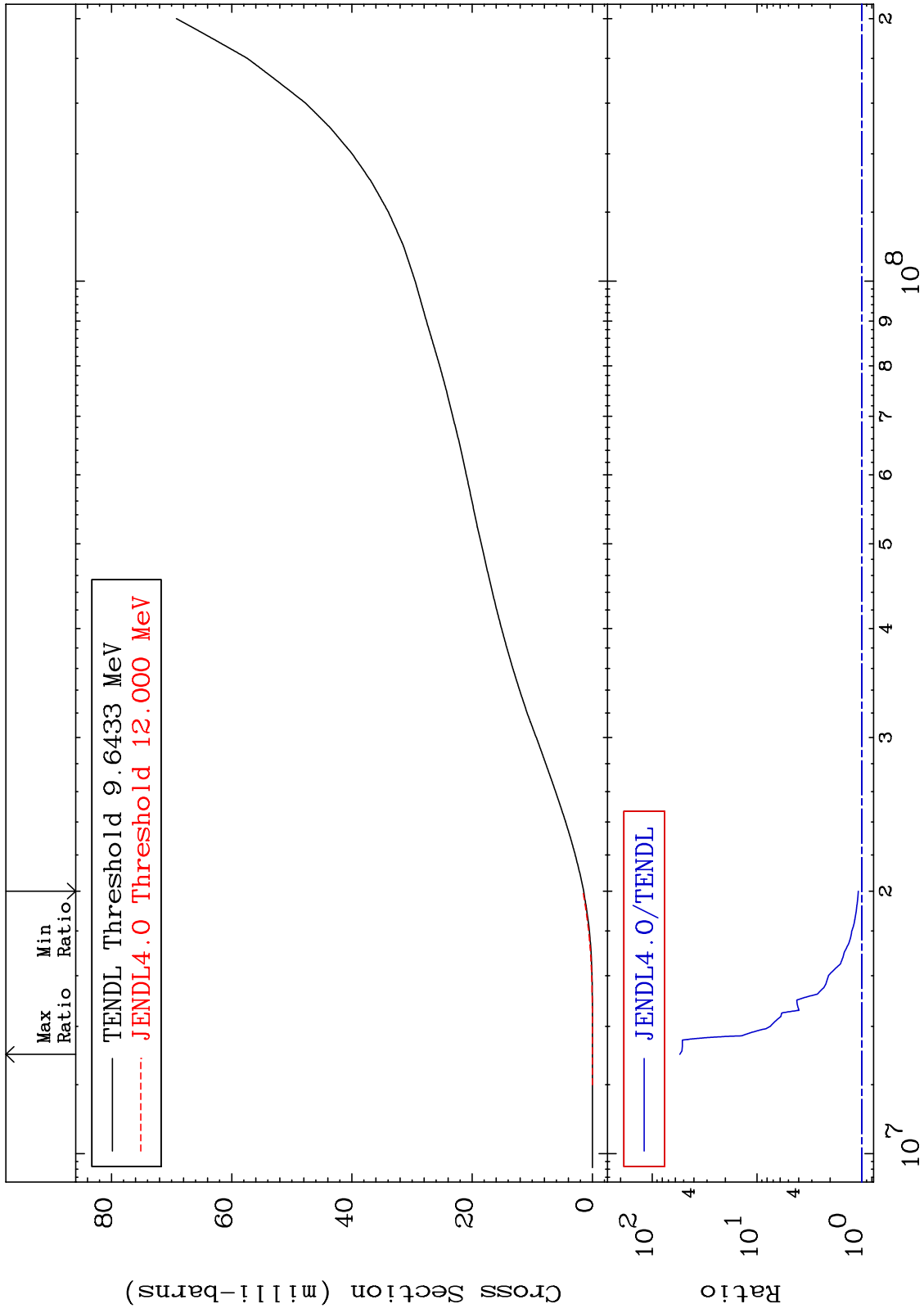
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

42-Mo-100
7.852 To 5355. %



Incident Energy (eV)

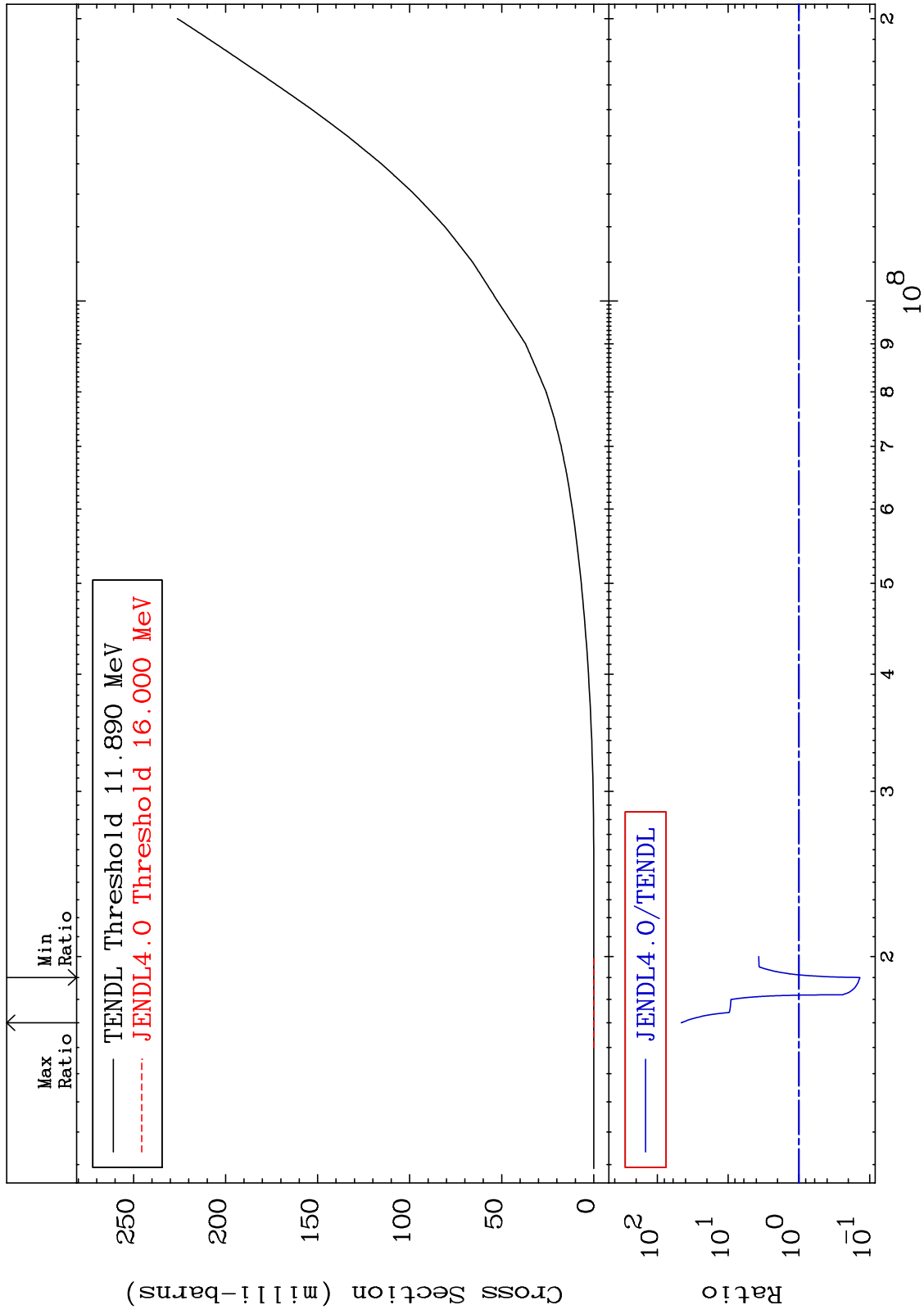
42-Mo-100

46

MAT 4249

He-3 Production
Cross Section

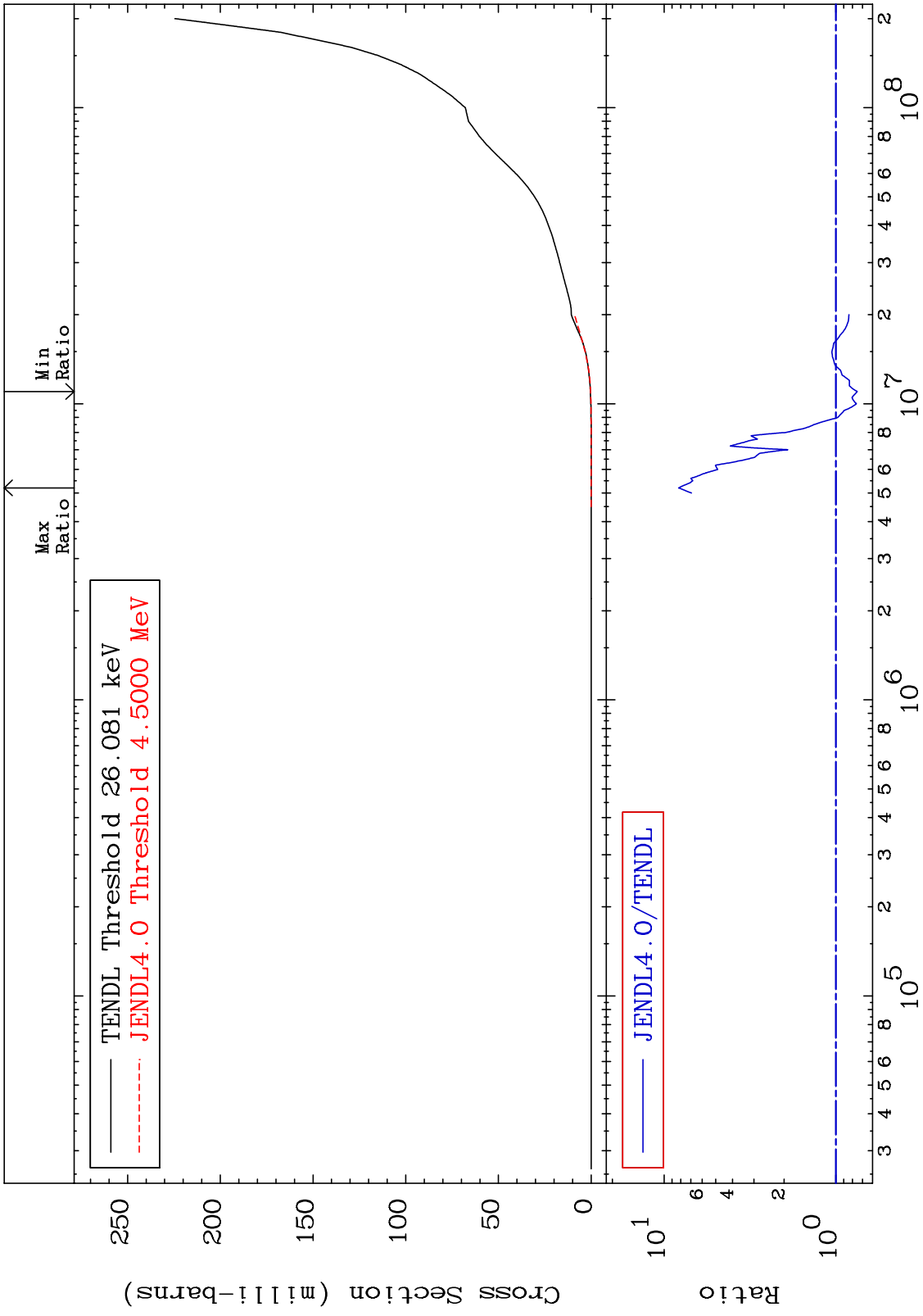
42-Mo-100
-86.27 To 4504. %



MAT 4249

He-4 Production
Cross Section

42-Mo-100
-25.04 To 723.0 %



48

Incident Energy (eV)

42-Mo-100

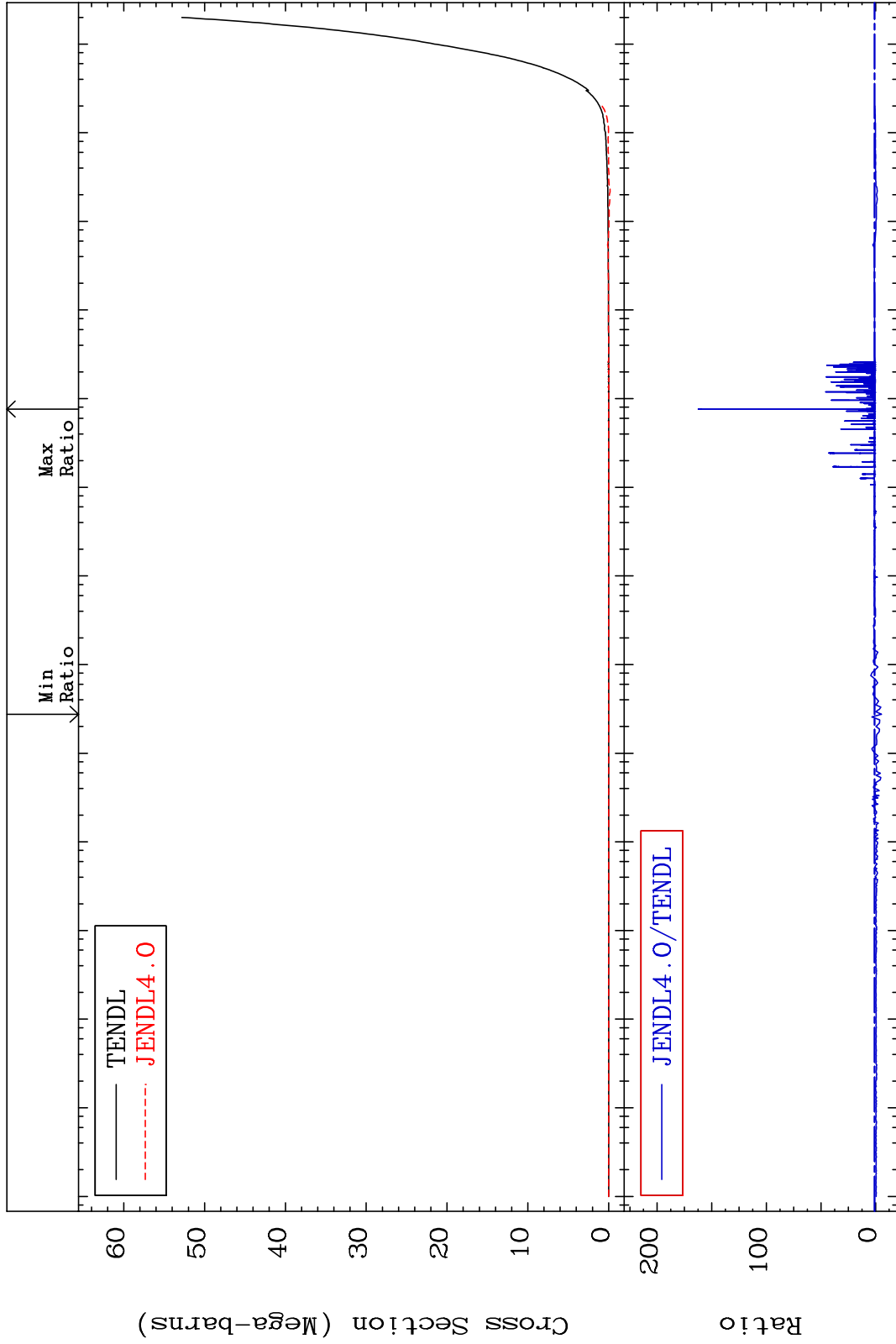
MAT 4249

Kerma total (eV-barns)

42-Mo-100

-647.0 To 9999. %

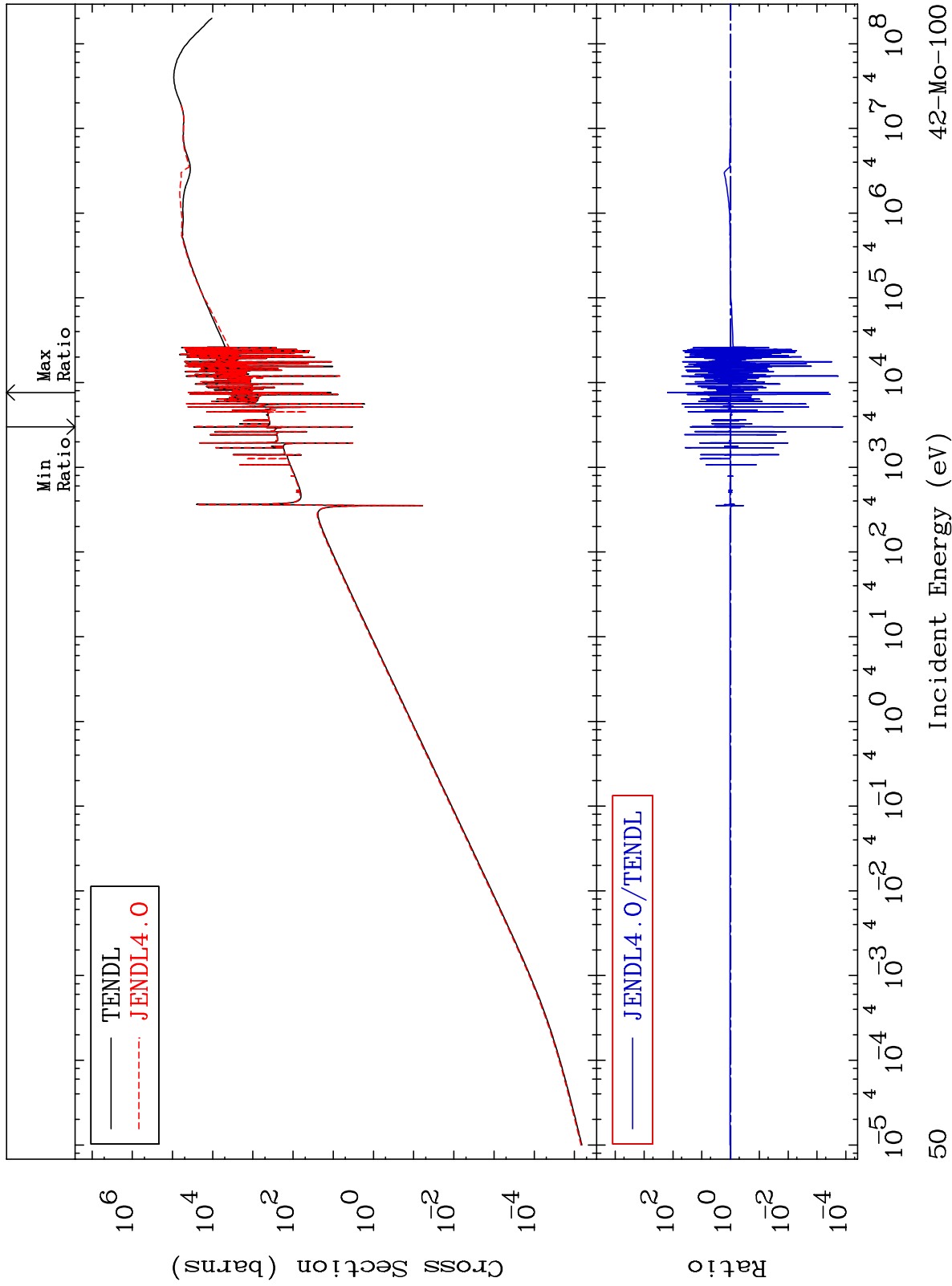
Cross Section



MAT 4249

Kerma elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



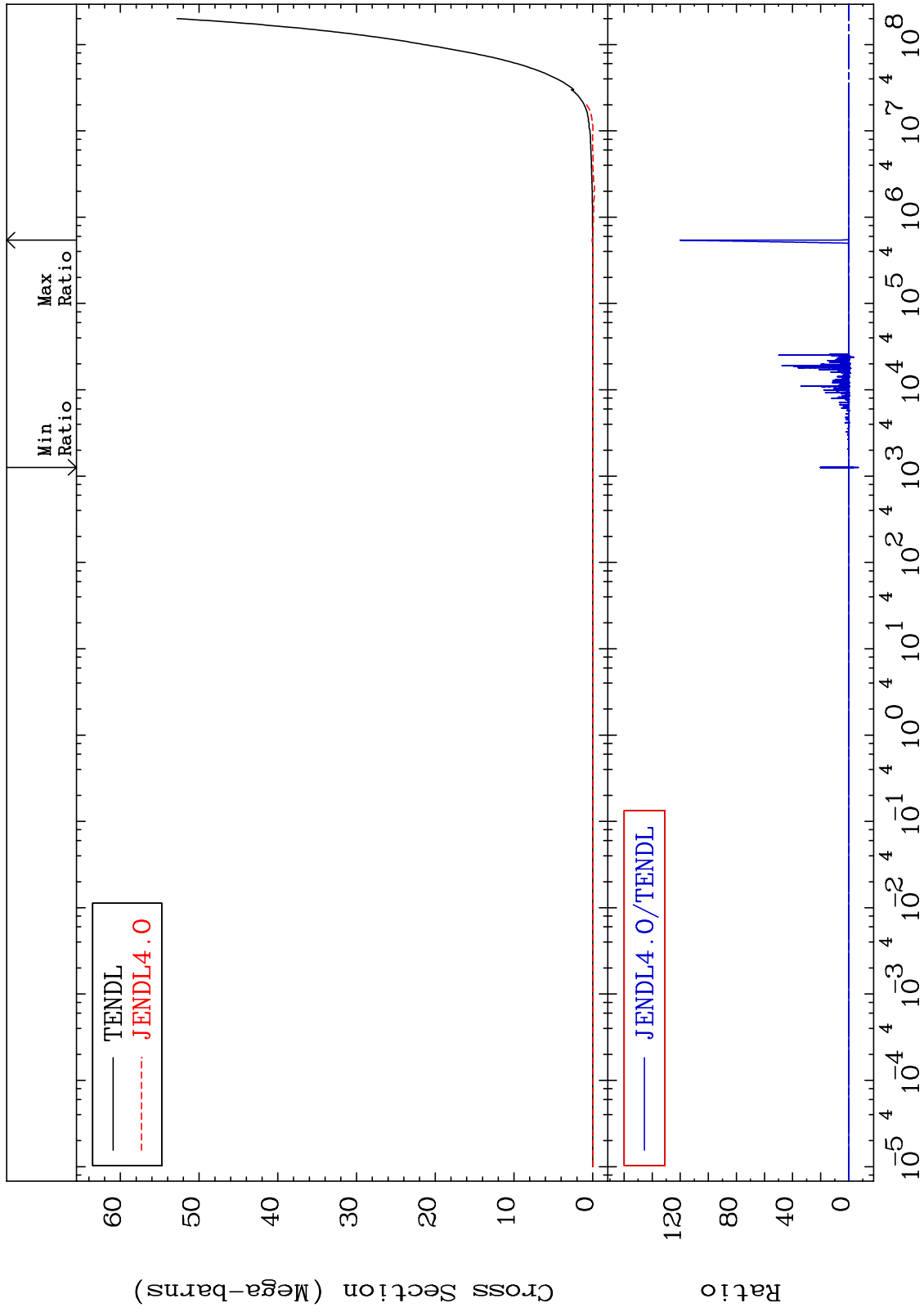
50

42-Mo-100

MAT 4249

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-100
-9999. To 9999. %



51

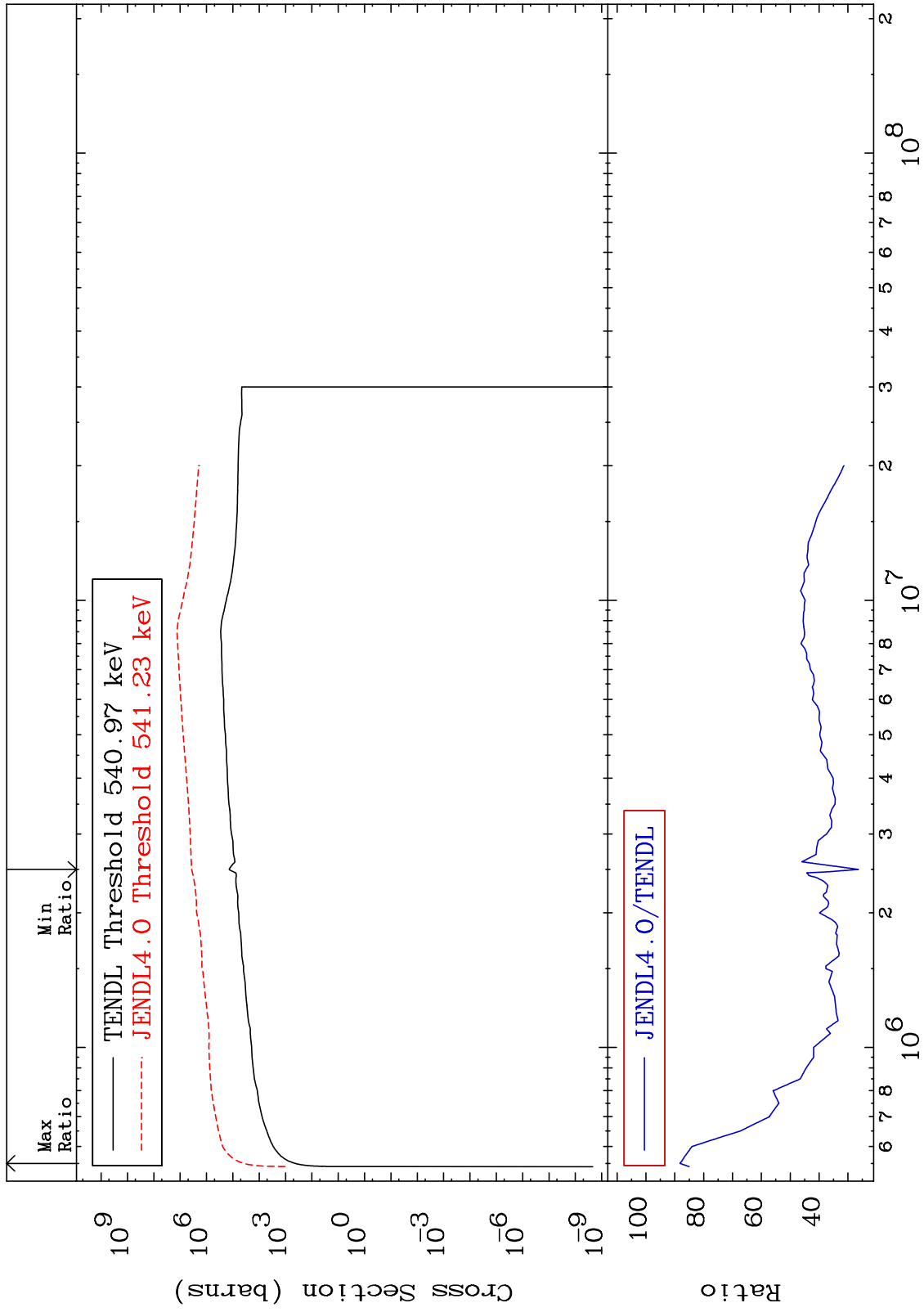
Incident Energy (eV)

42-Mo-100

MAT 4249

Kerma inelastic (mt51-91)
Cross Section

42-Mo-100
2538. To 8719. %



52

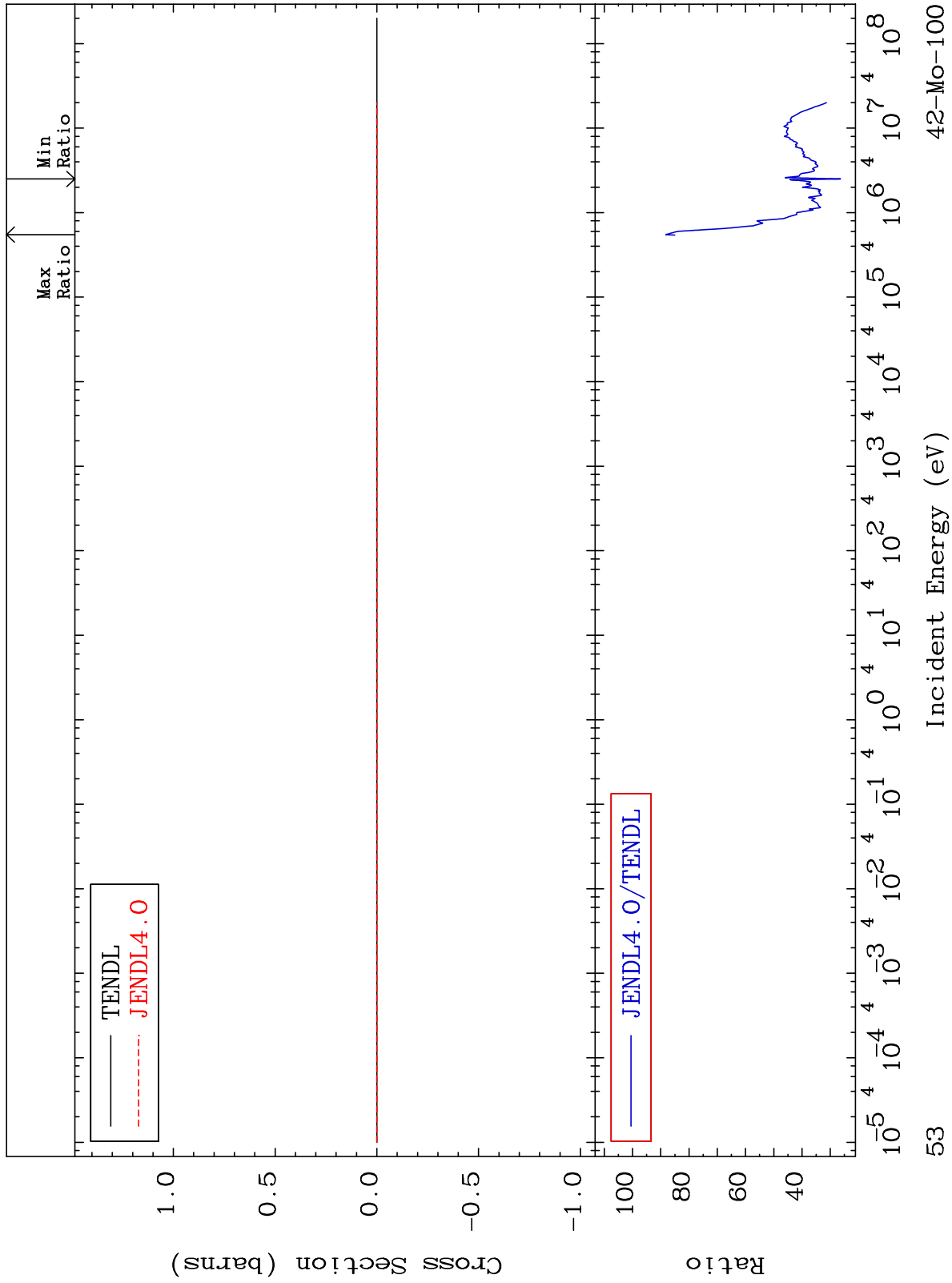
Incident Energy (eV)

42-Mo-100

MAT 4249

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

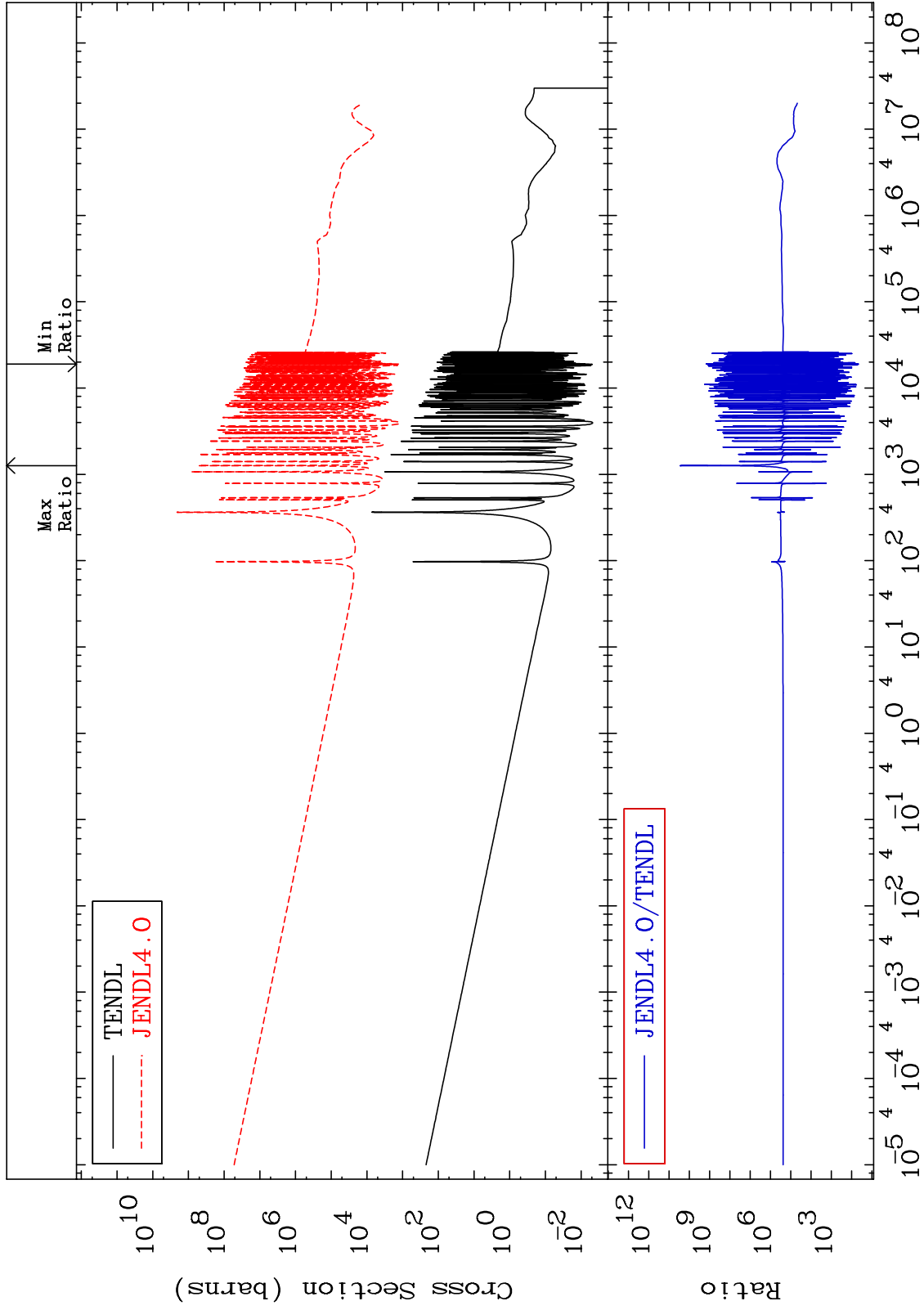
42-Mo-100
2538. To 8719. %



MAT 4249

Kerma capture (mt102)
Cross Section

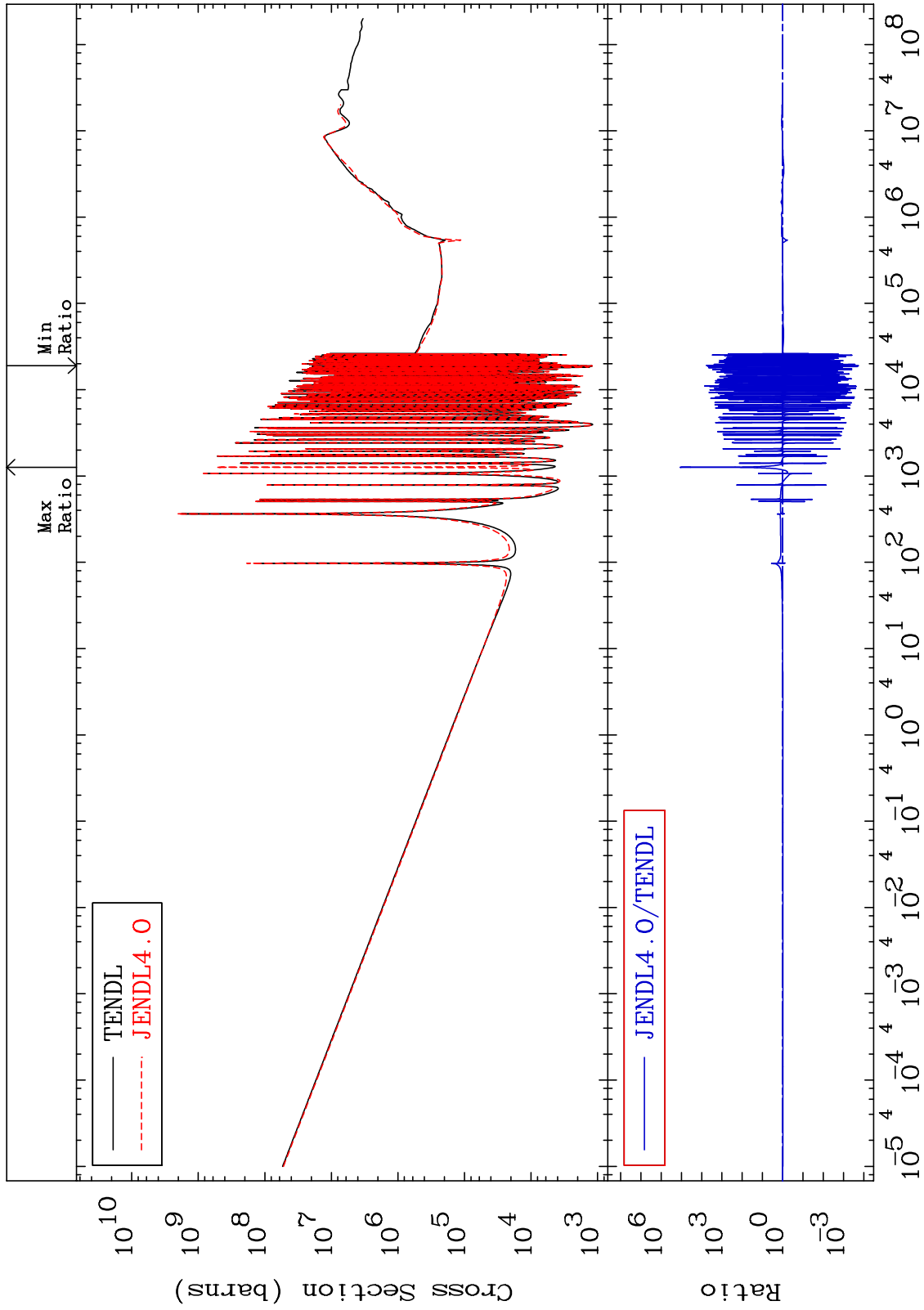
42-Mo-100
4538. To 9999. %



MAT 4249

Total photon (eV-barns)
Cross Section

42-Mo-100
-99.98 To 9999. %



55

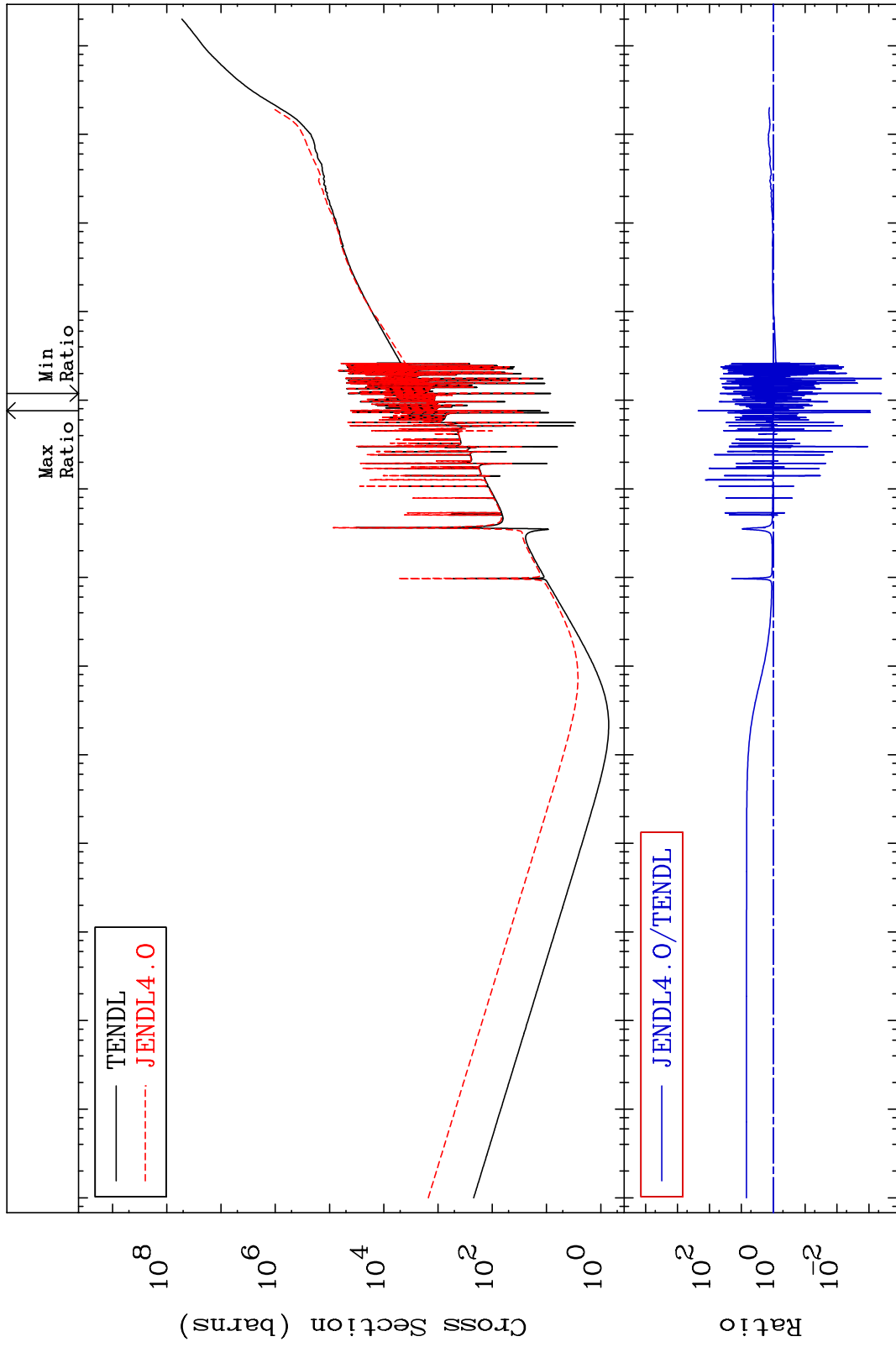
Incident Energy (eV)

42-Mo-100

MAT 4249

Total kinematic kerma (high limit)
Cross Section

42-Mo-100
-99.96 To 9999. %



56

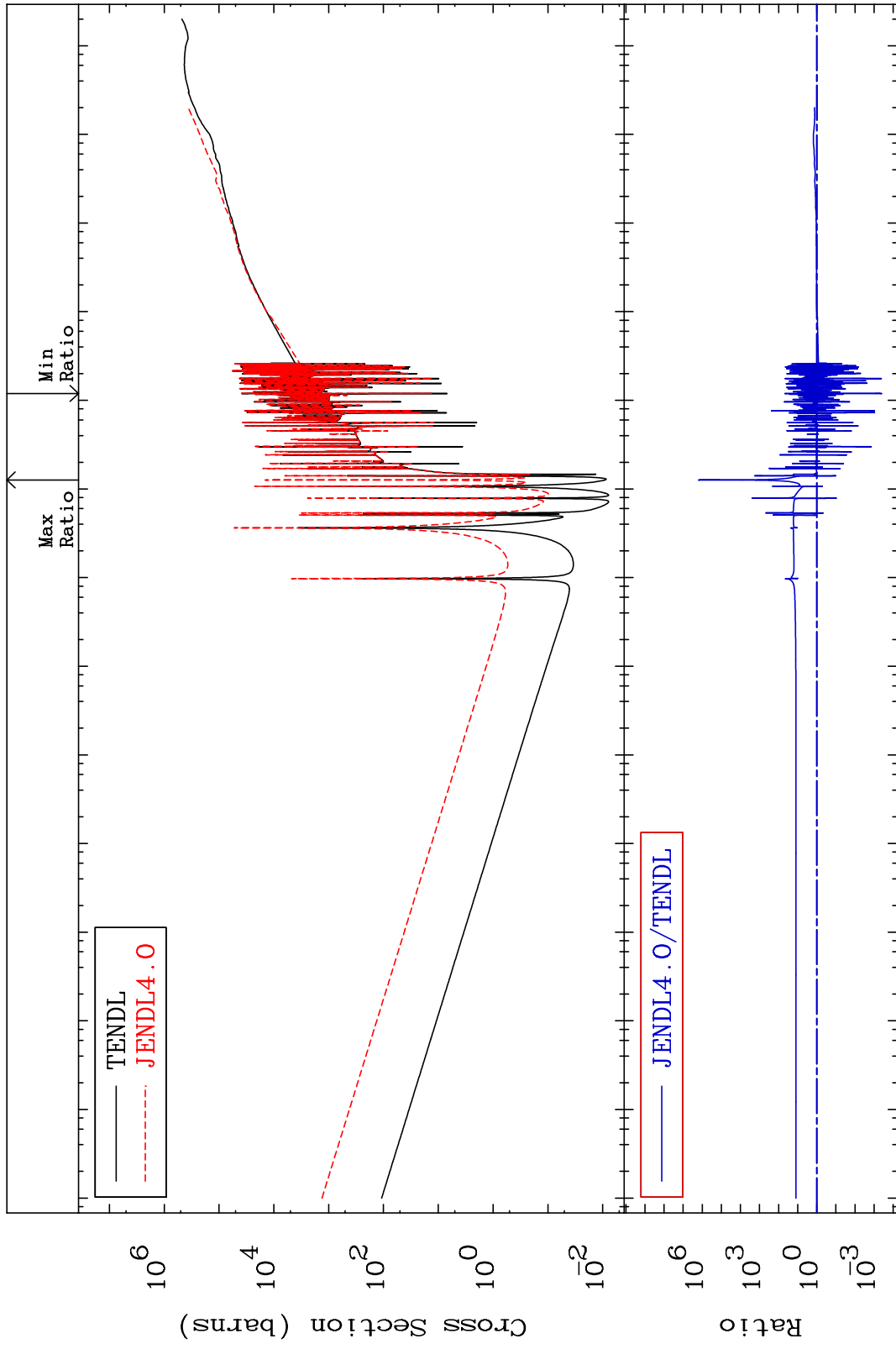
Incident Energy (eV)

42-Mo-100

MAT 4249

Dpa total (eV-barns)
Cross Section

42-Mo-100
-99.96 To 9999. %



57

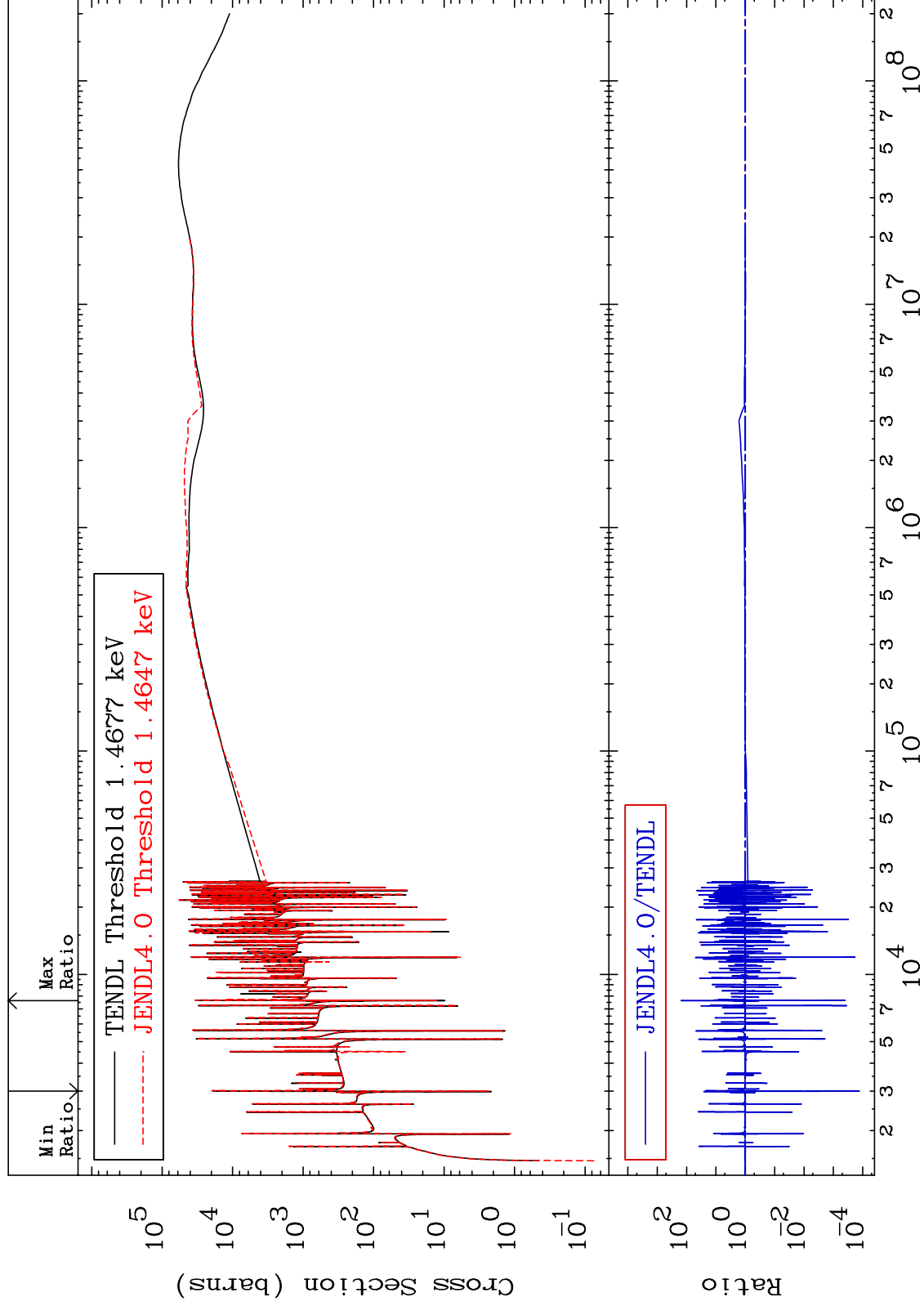
Incident Energy (eV)

42-Mo-100

MAT 4249

Dpa elastic (mt2)
Cross Section

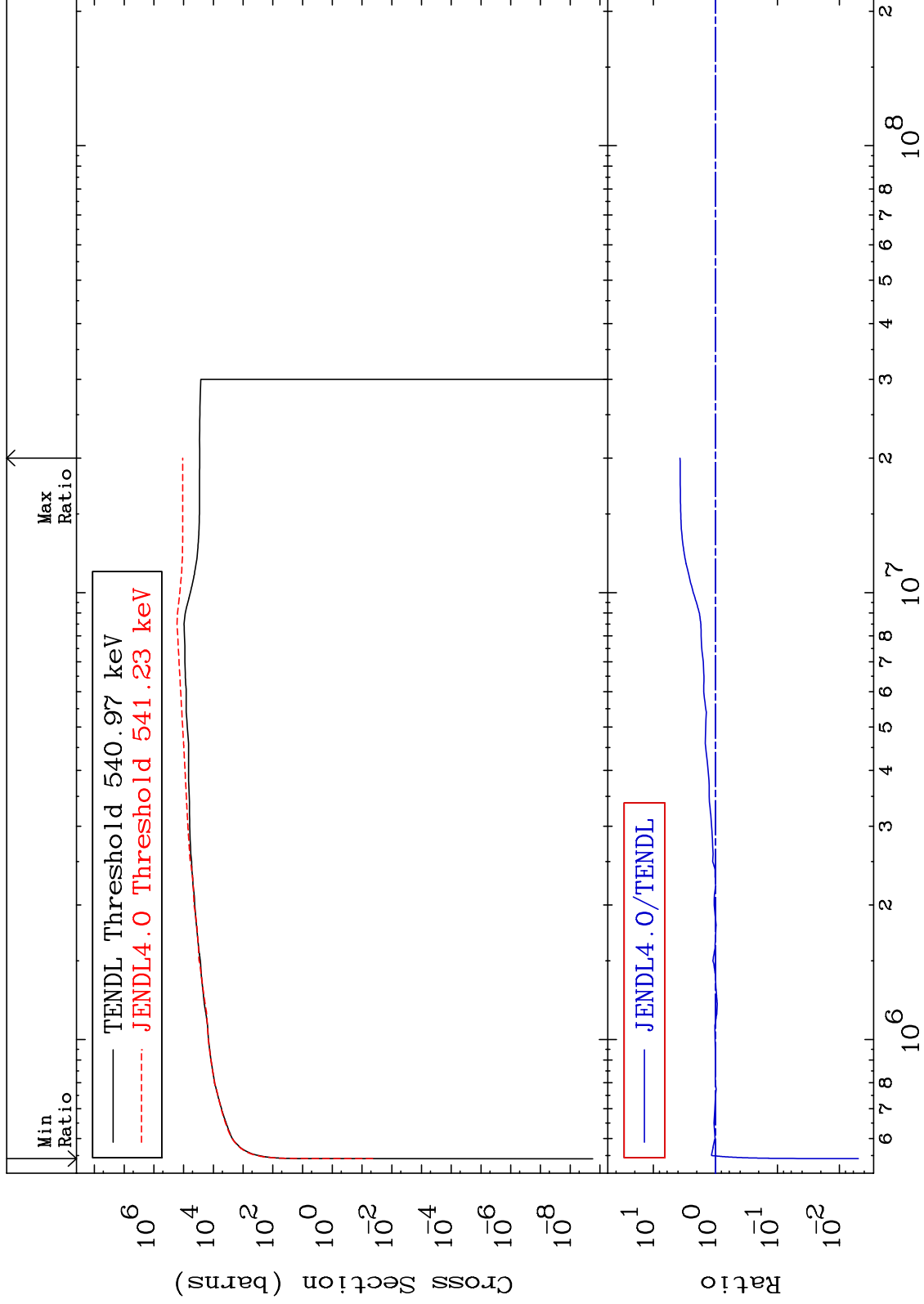
42-Mo-100
-99.99 To 9999. %



MAT 4249

Dpa inelastic (mt51-91)
Cross Section

42-Mo-100
-99.50 To 272.1 %



MAT 4249

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-100
-99.50 To 9999. %

