

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

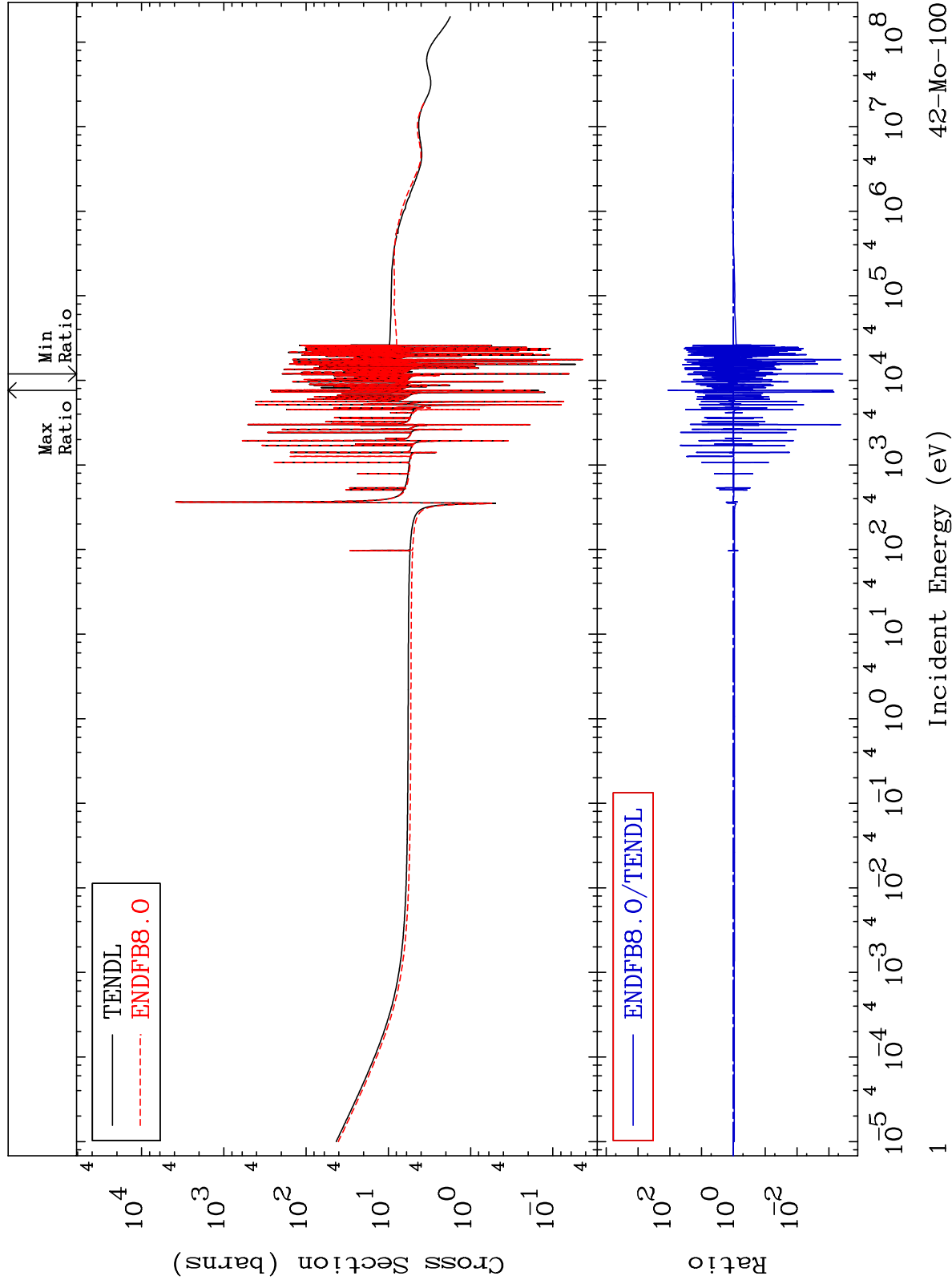
MAT 4249

Total

42-Mo-100

Cross Section

-99.96 To 9999. %

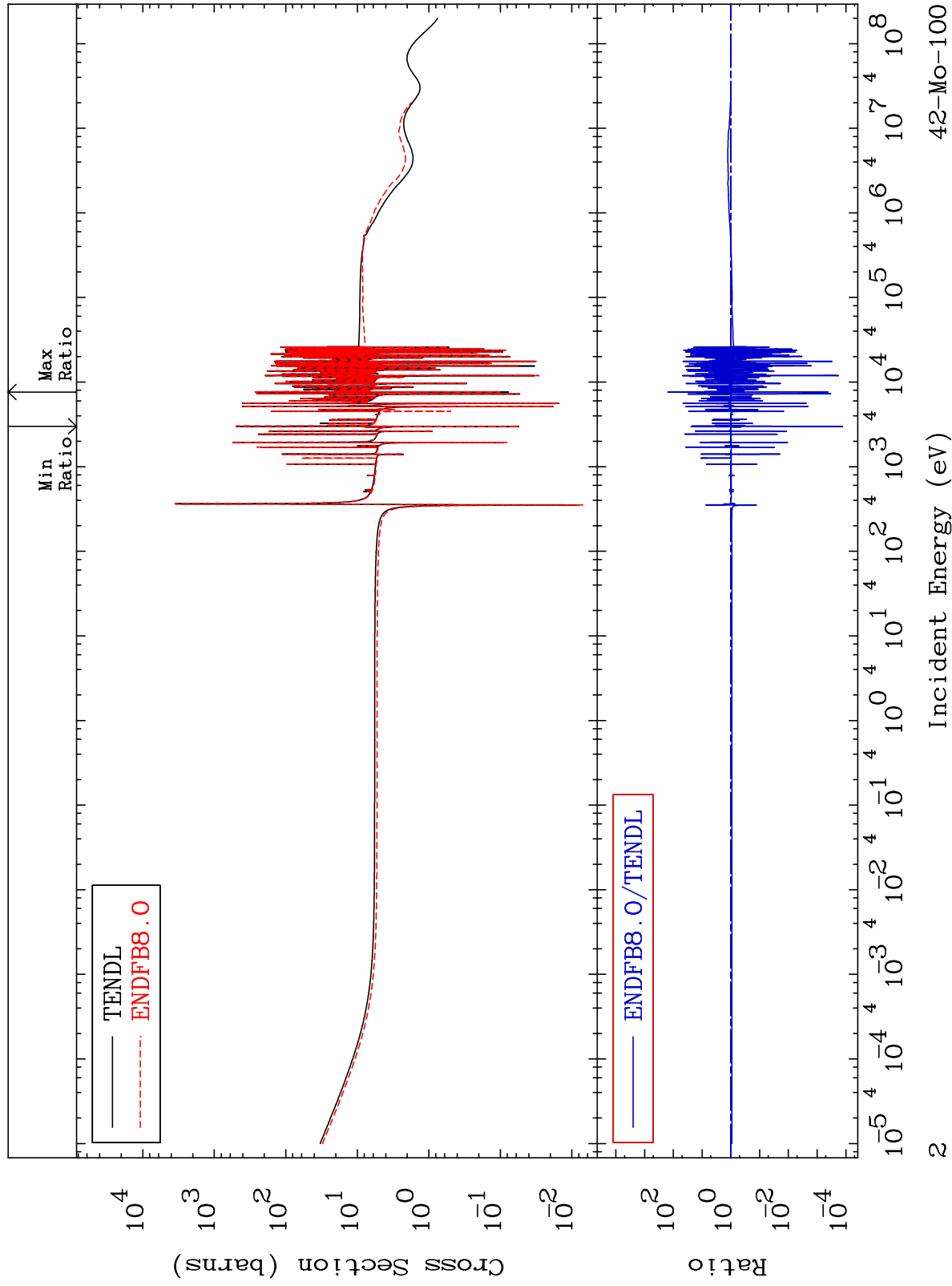


42-Mo-100

MAT 4249

Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %

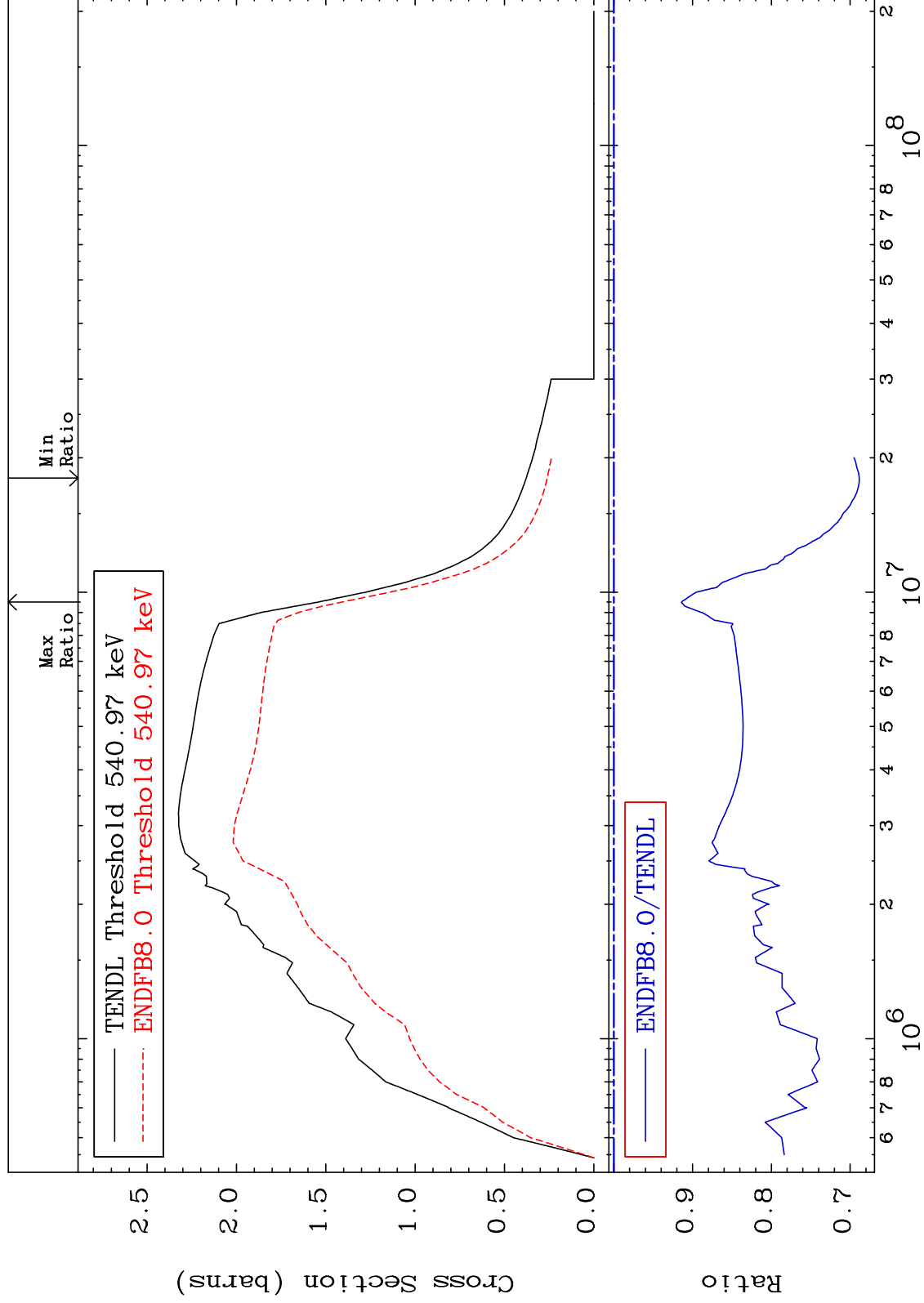


MAT 4249

Inelastic
Cross Section

42-Mo-100

-31.16 To -8.532%



3

Incident Energy (eV)

42-Mo-100

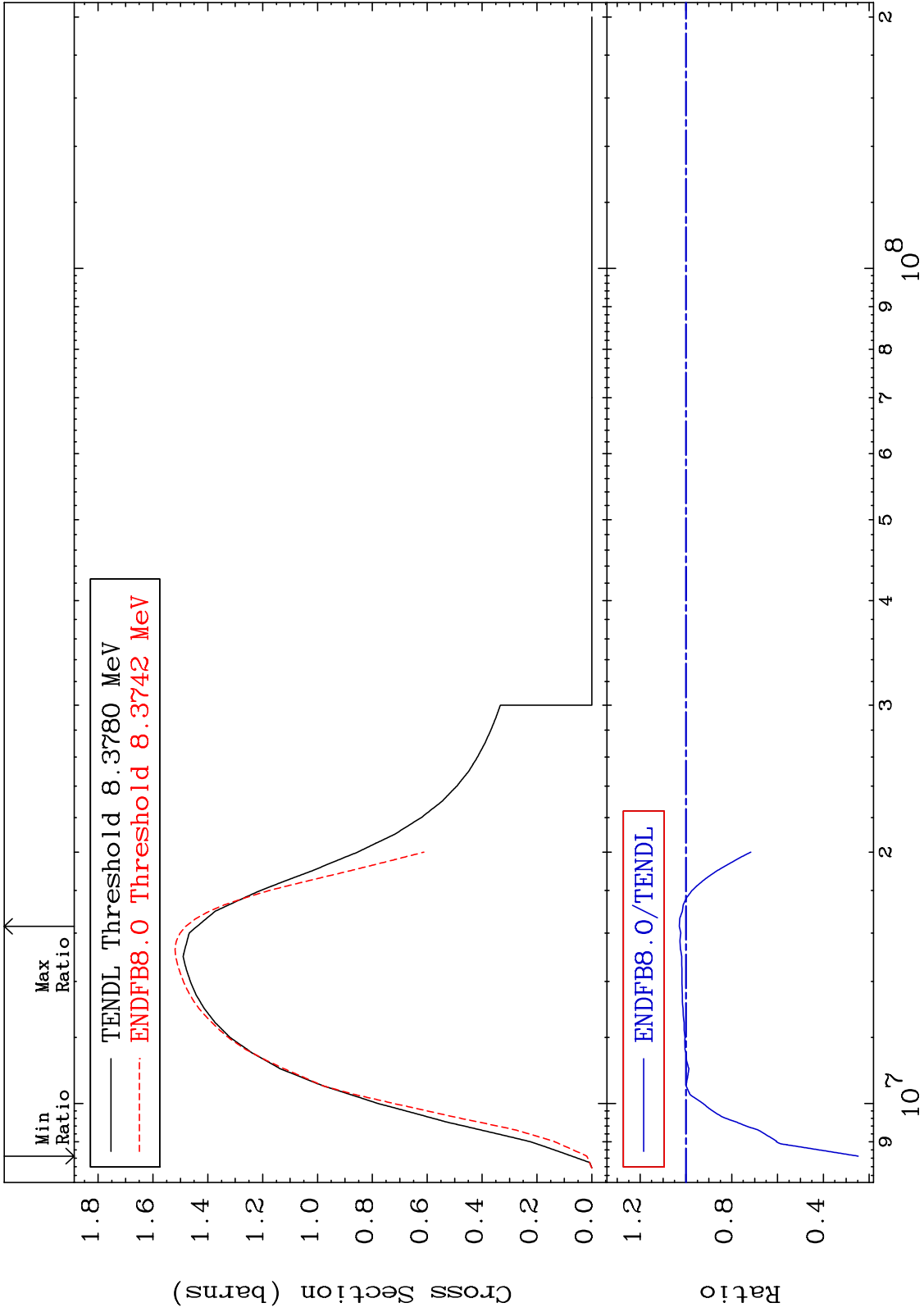
MAT 4249

(n,2n)

42-Mo-100

Cross Section

-75.24 To 2.883 %



4

Incident Energy (eV)

42-Mo-100

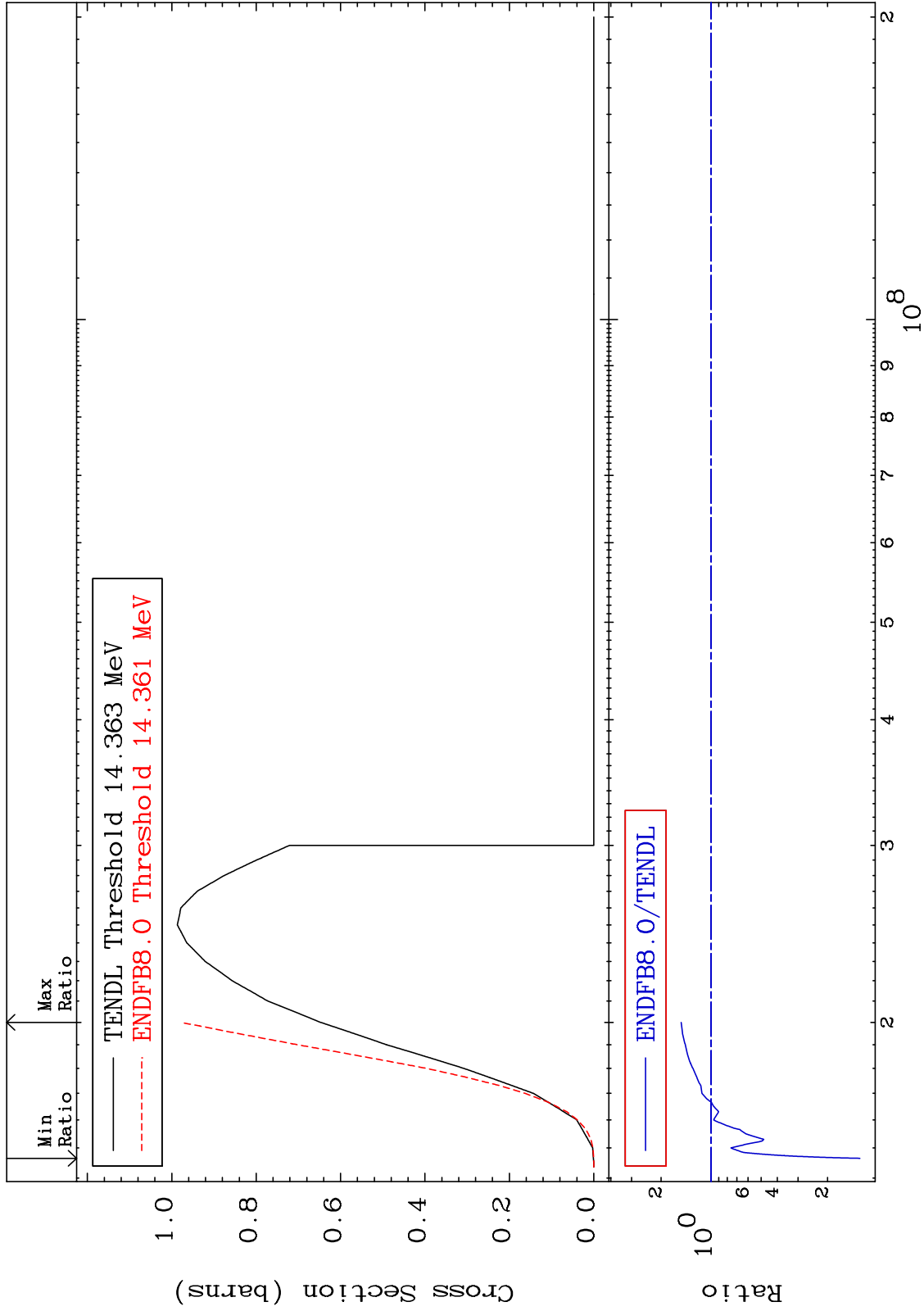
MAT 4249

(n,3n)

42-Mo-100

Cross Section

-87.23 To 51.10 %



Incident Energy (eV)

42-Mo-100

5

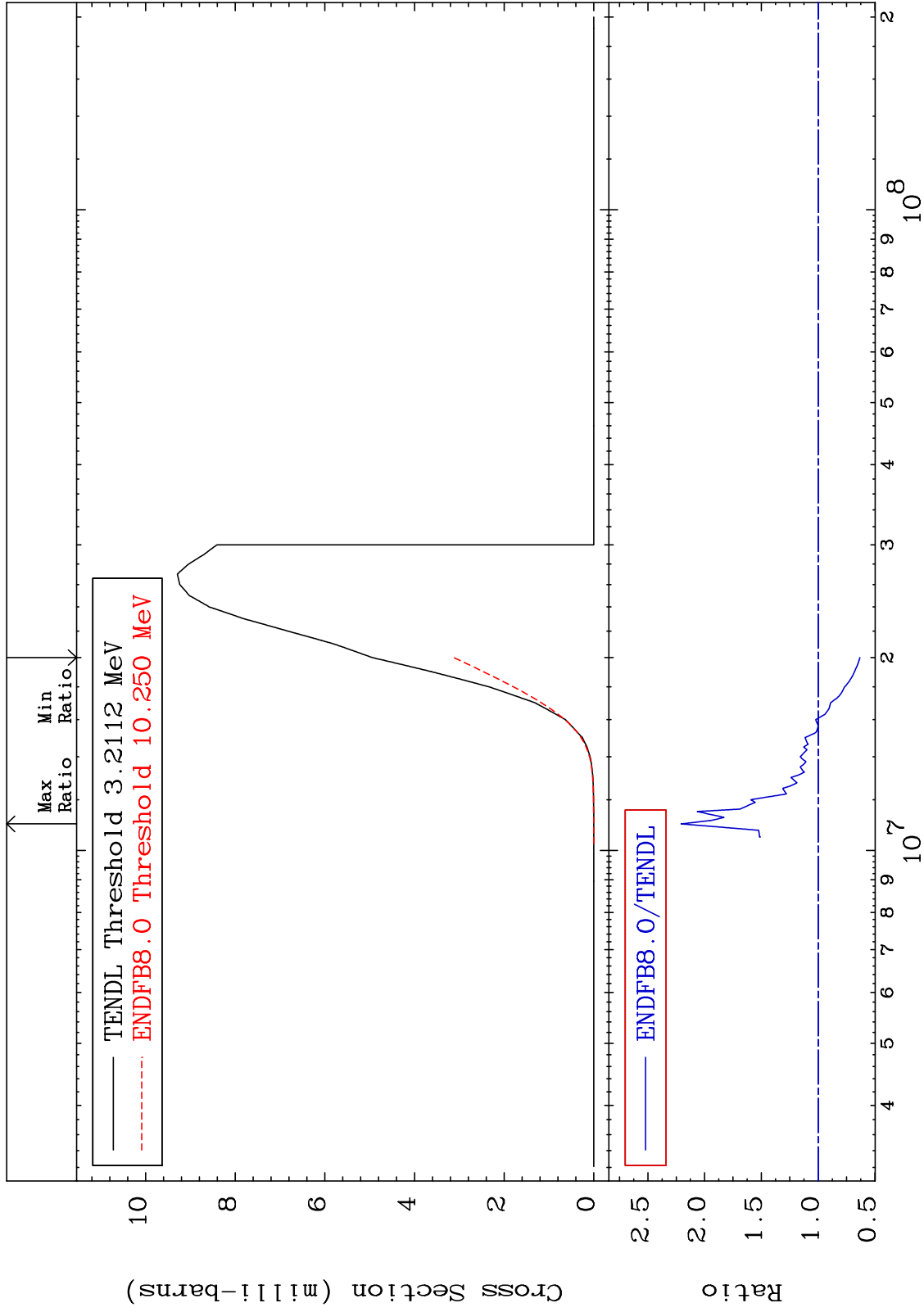
MAT 4249

(n, n') α

42-Mo-100

Cross Section

-36.83 To 120.6 %



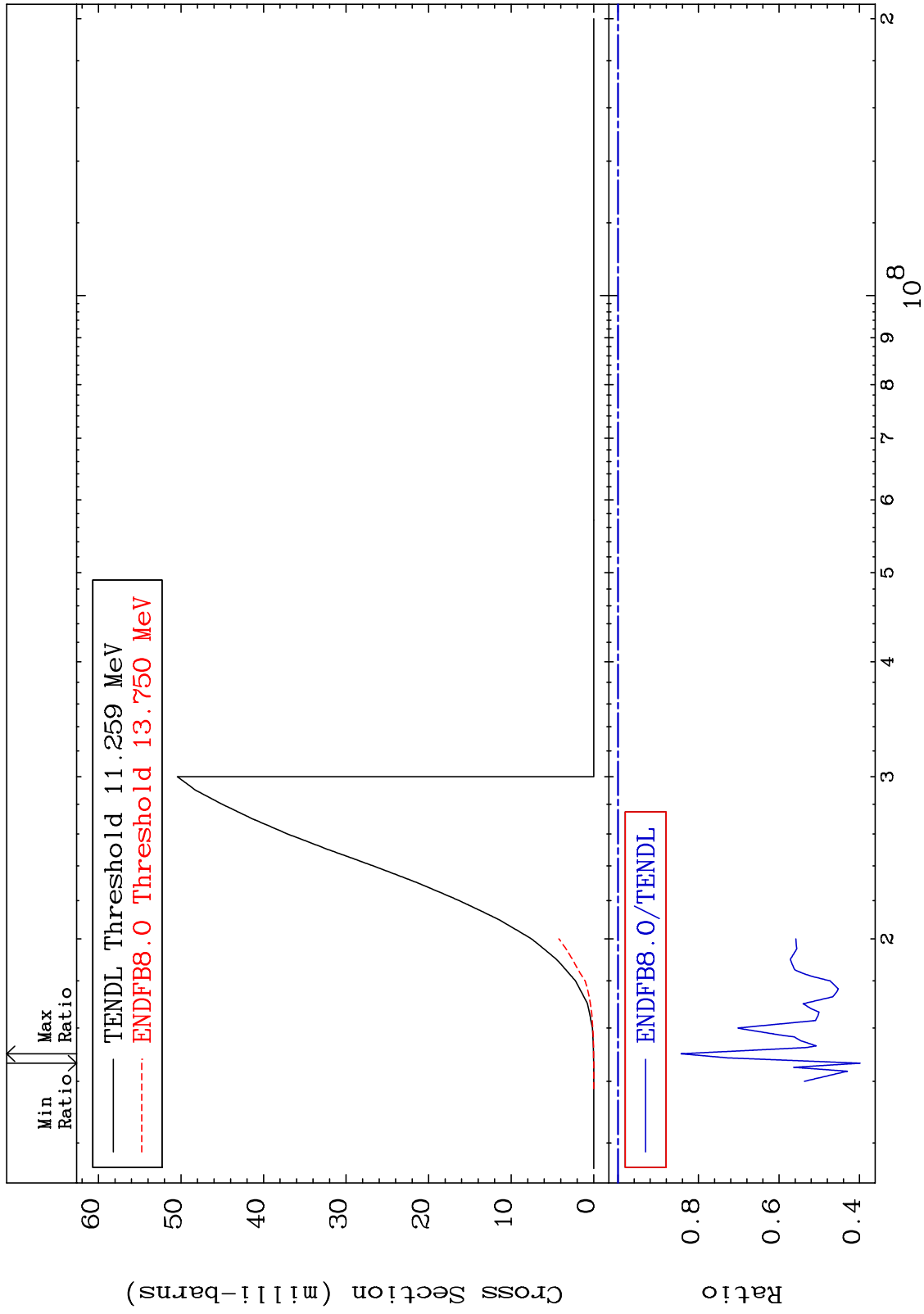
MAT 4249

(n,n') p

42-Mo-100

Cross Section

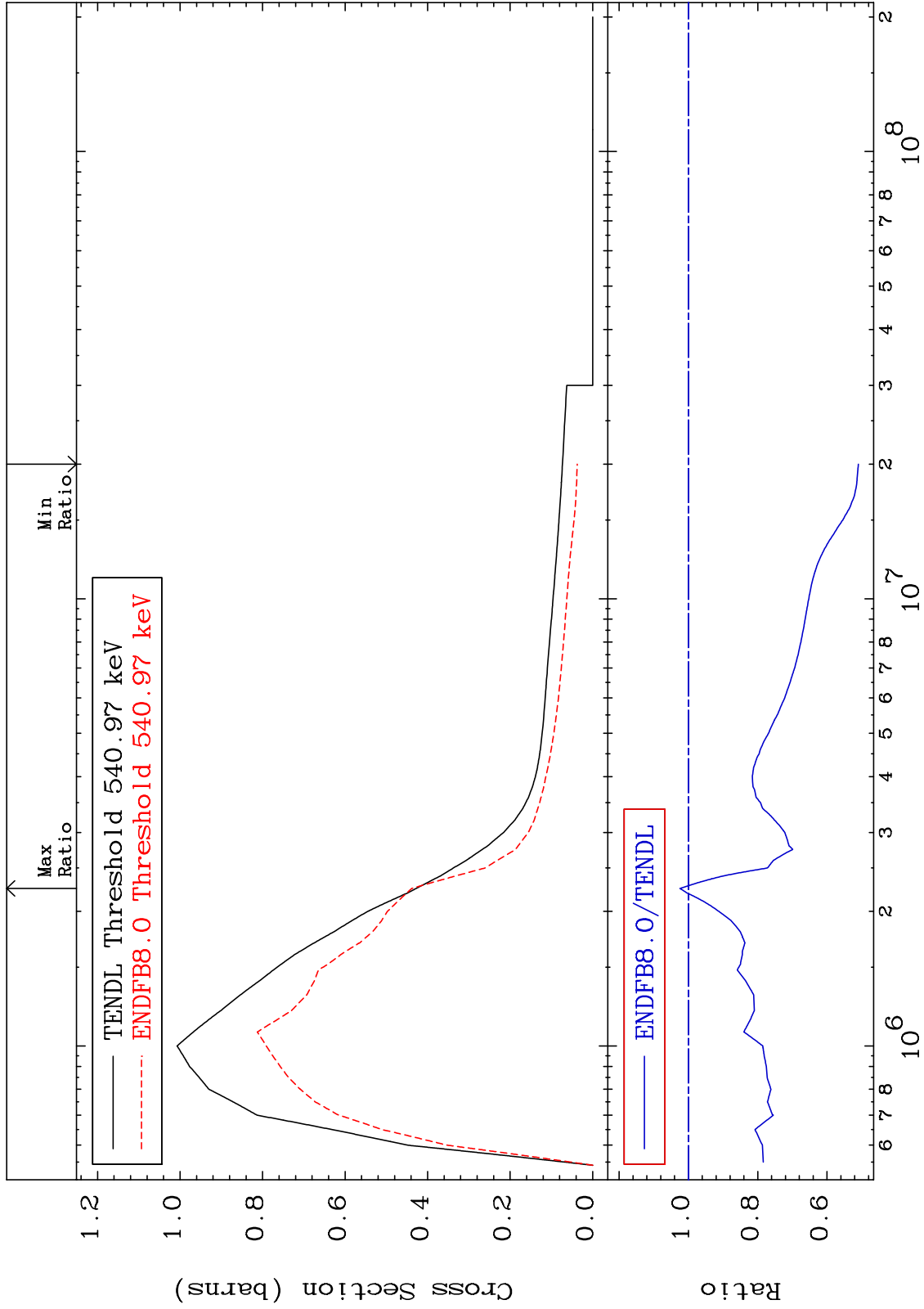
-60.10 To -15.70%



MAT 4249

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

42-Mo-100
-49.06 To 2.430 %



8

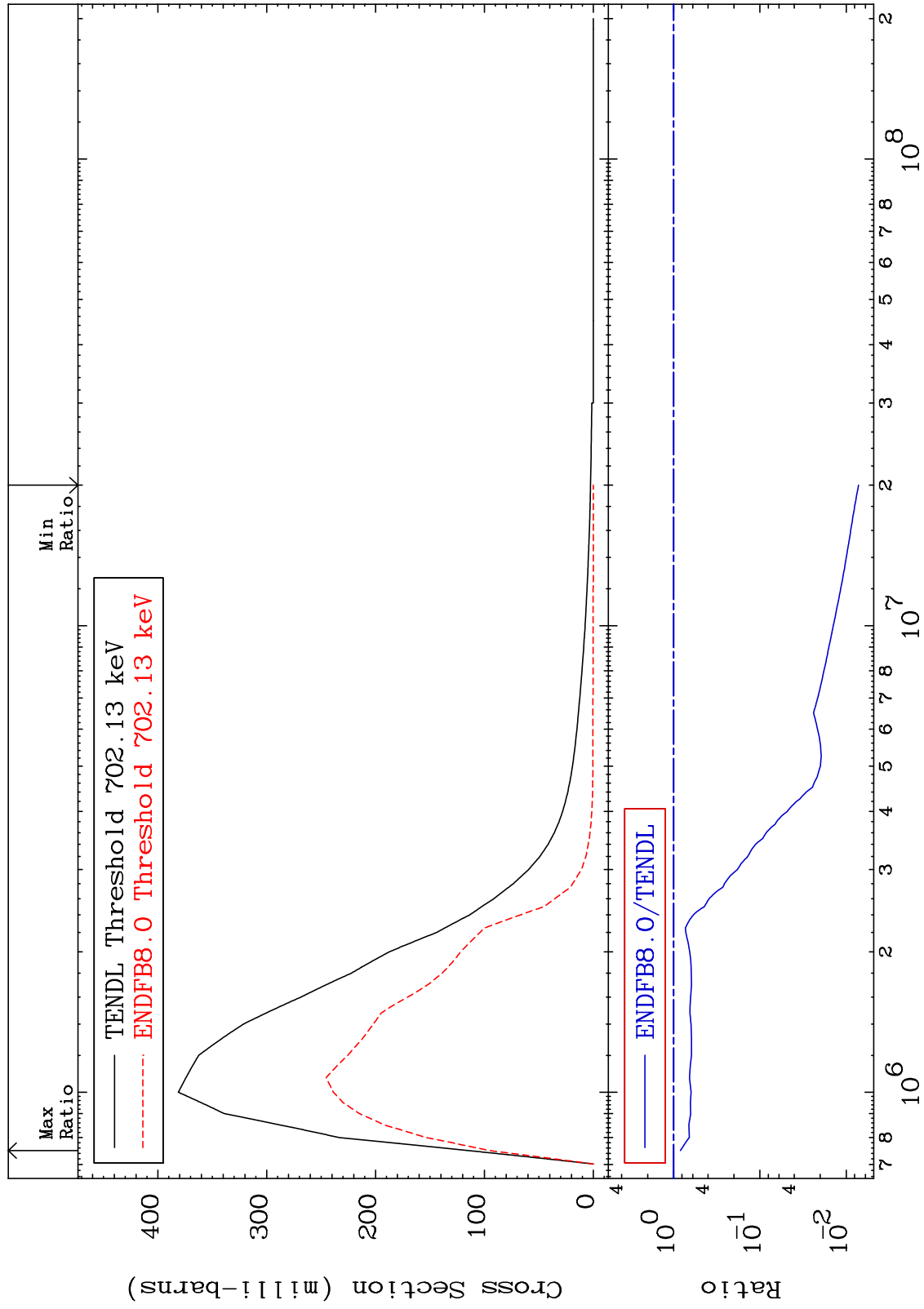
Incident Energy (eV)

42-Mo-100

MAT 4249

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

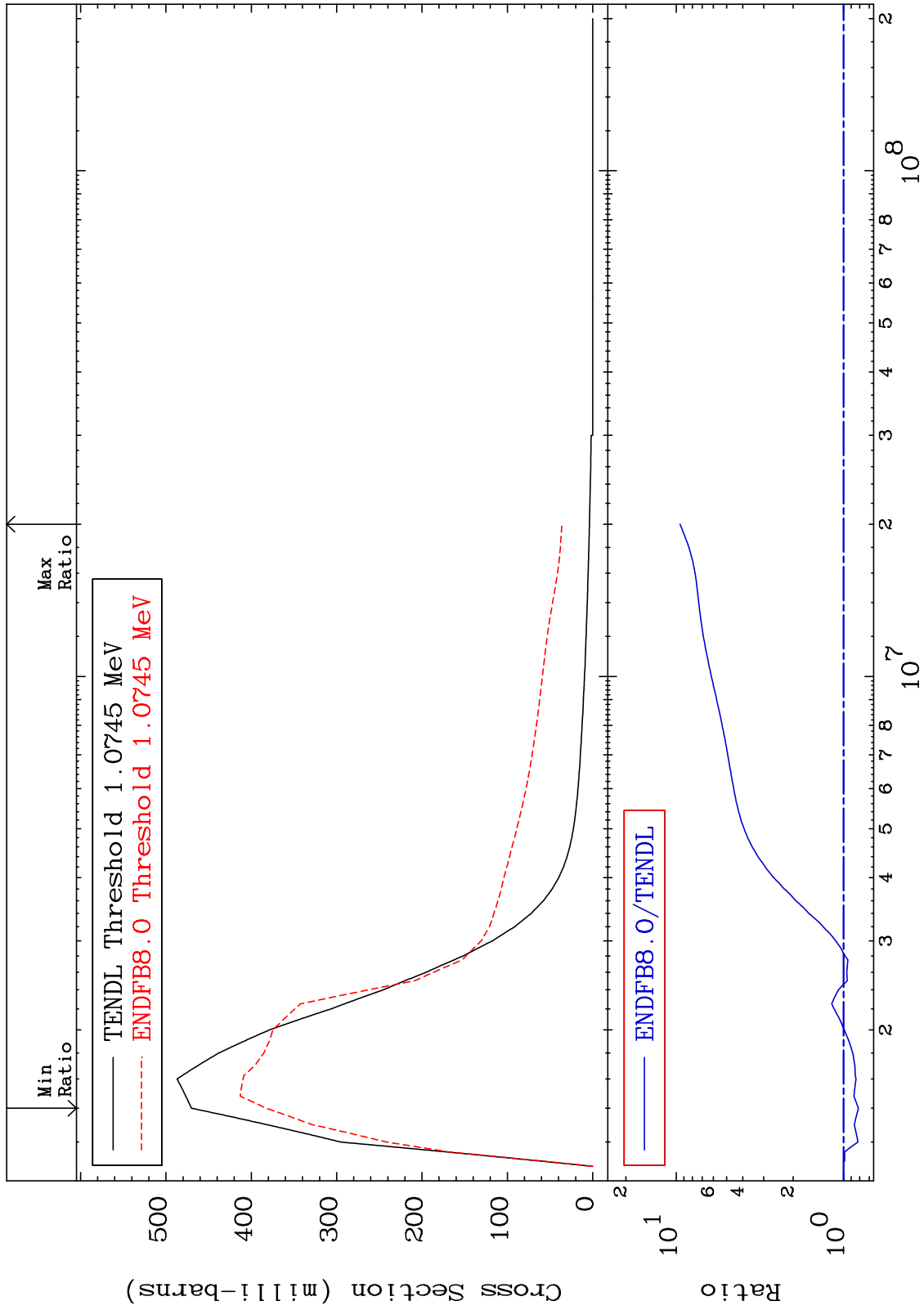
42-Mo-100
-99.28 To -16.67%



9

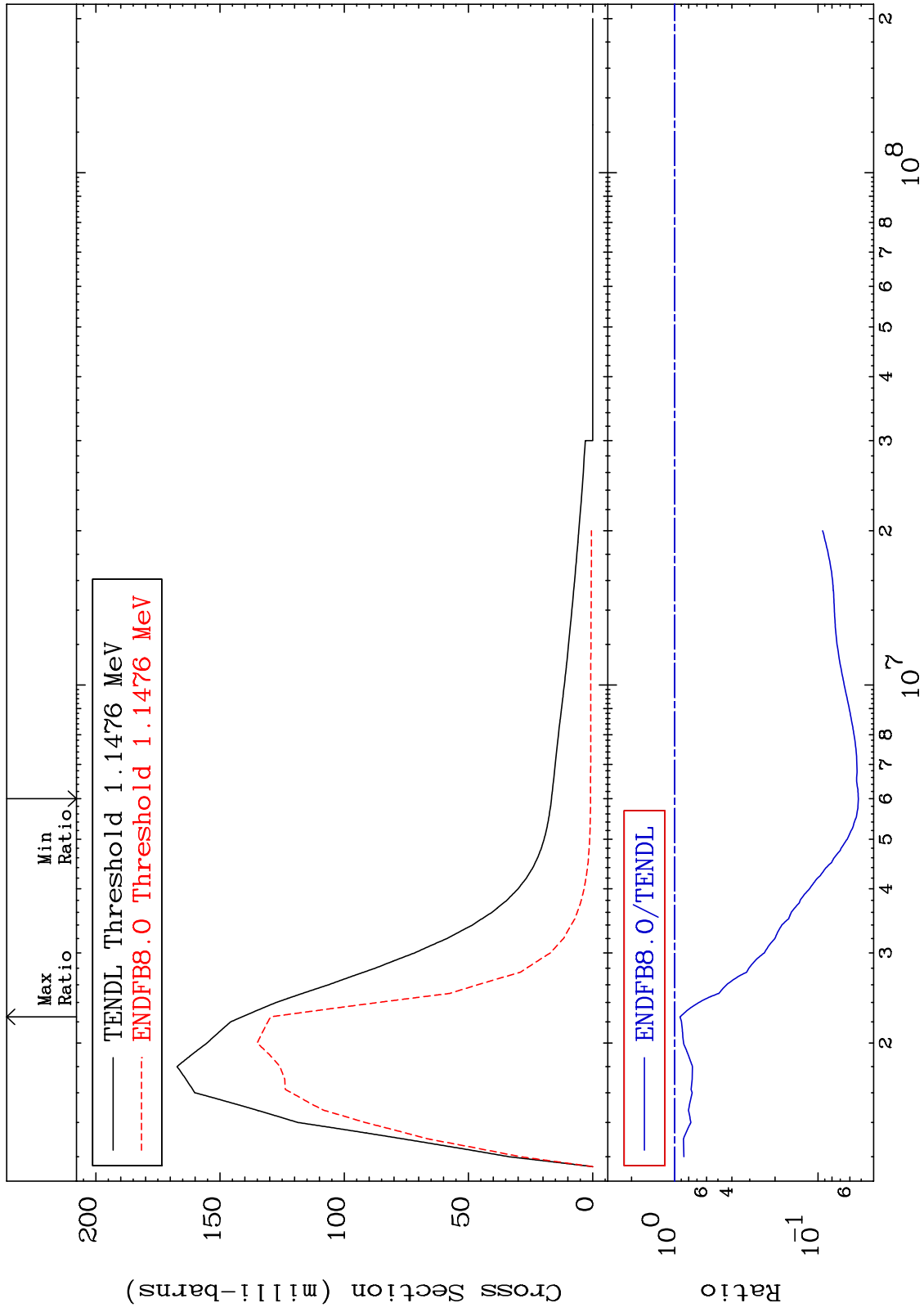
42-Mo-100

MAT 4249 MT= 53 (n, n') Level 42-Mo-100
 Cross Section -18.63 To 849.5 %



10 Incident Energy (eV) 42-Mo-100

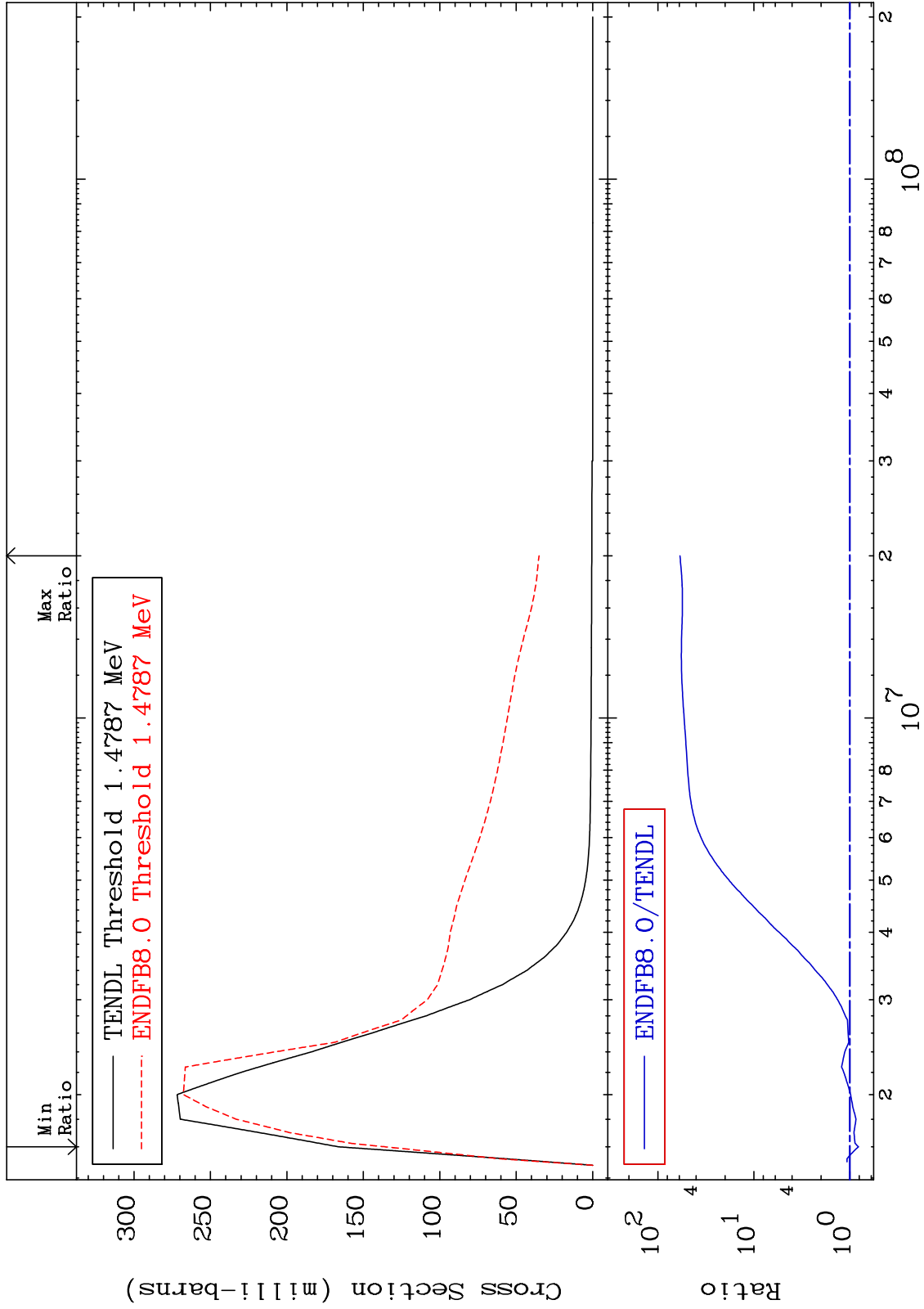
MAT 4249 MT= 54 (n, n') Level
 Cross Section 42-Mo-100
 -94.76 To -8.119%



MAT 4249

MT= 55 (n,n') Level
Cross Section

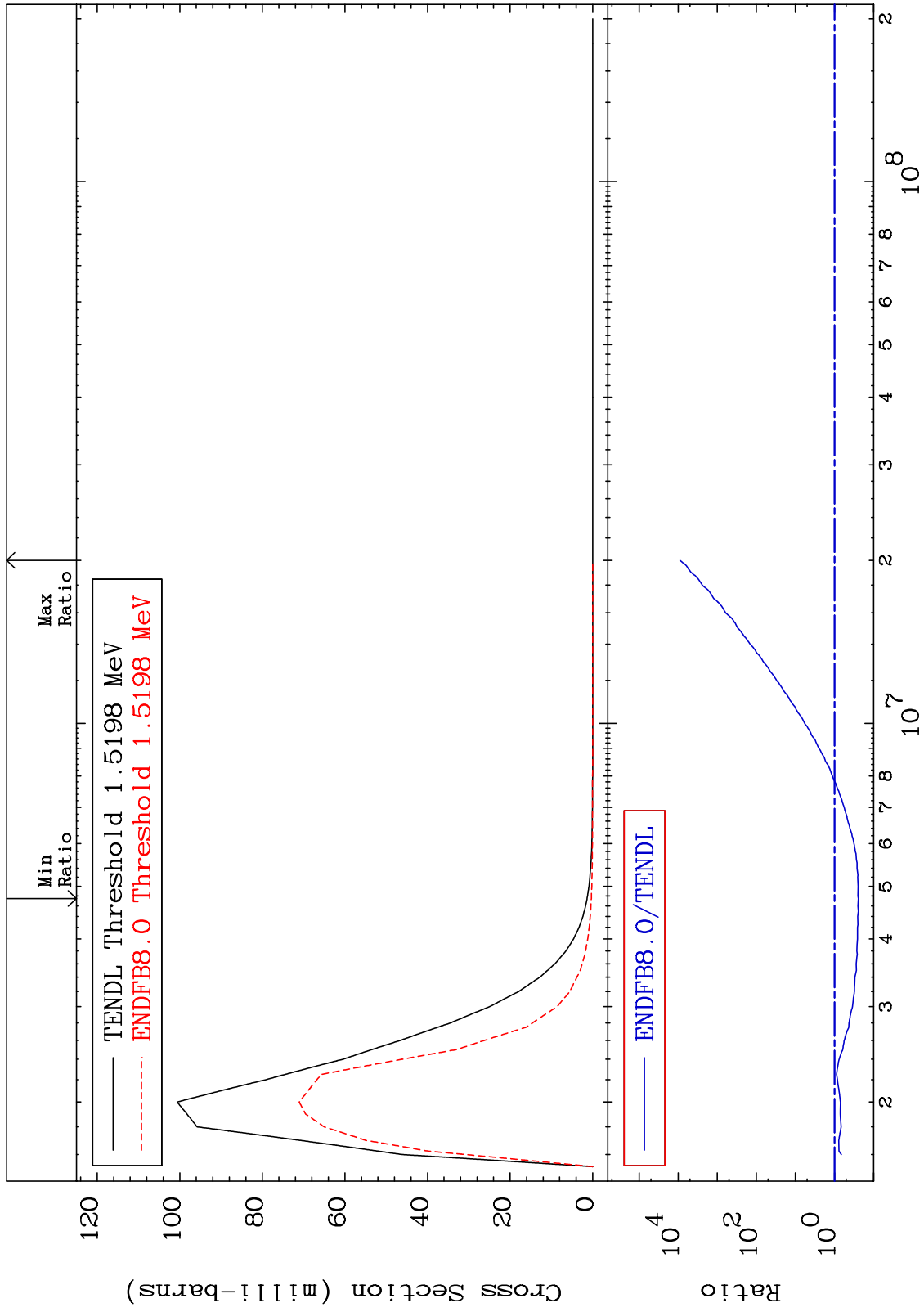
42-Mo-100
-18.37 To 5786. %



MAT 4249

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

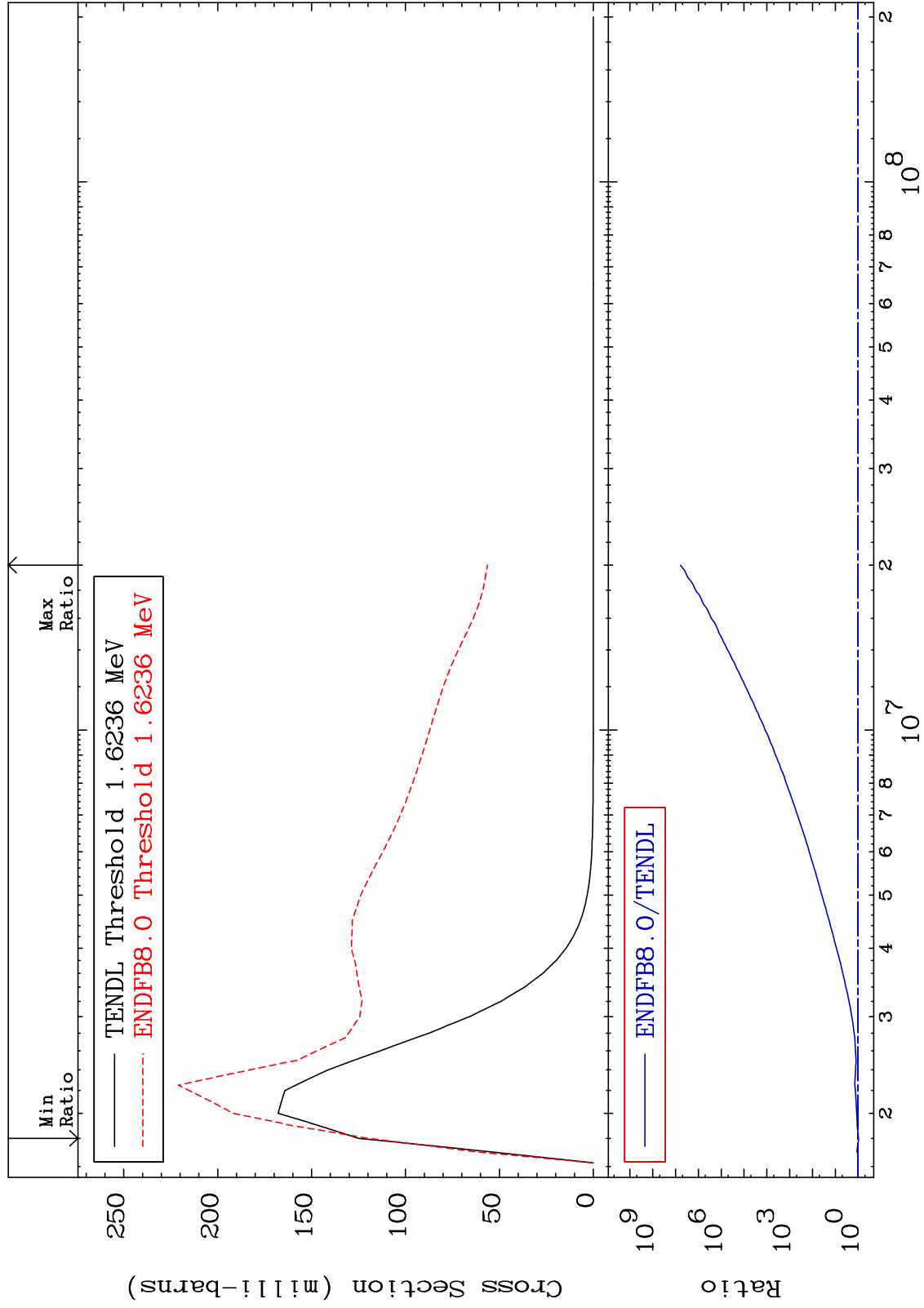
42-Mo-100
-75.60 To 9999. %



MAT 4249

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

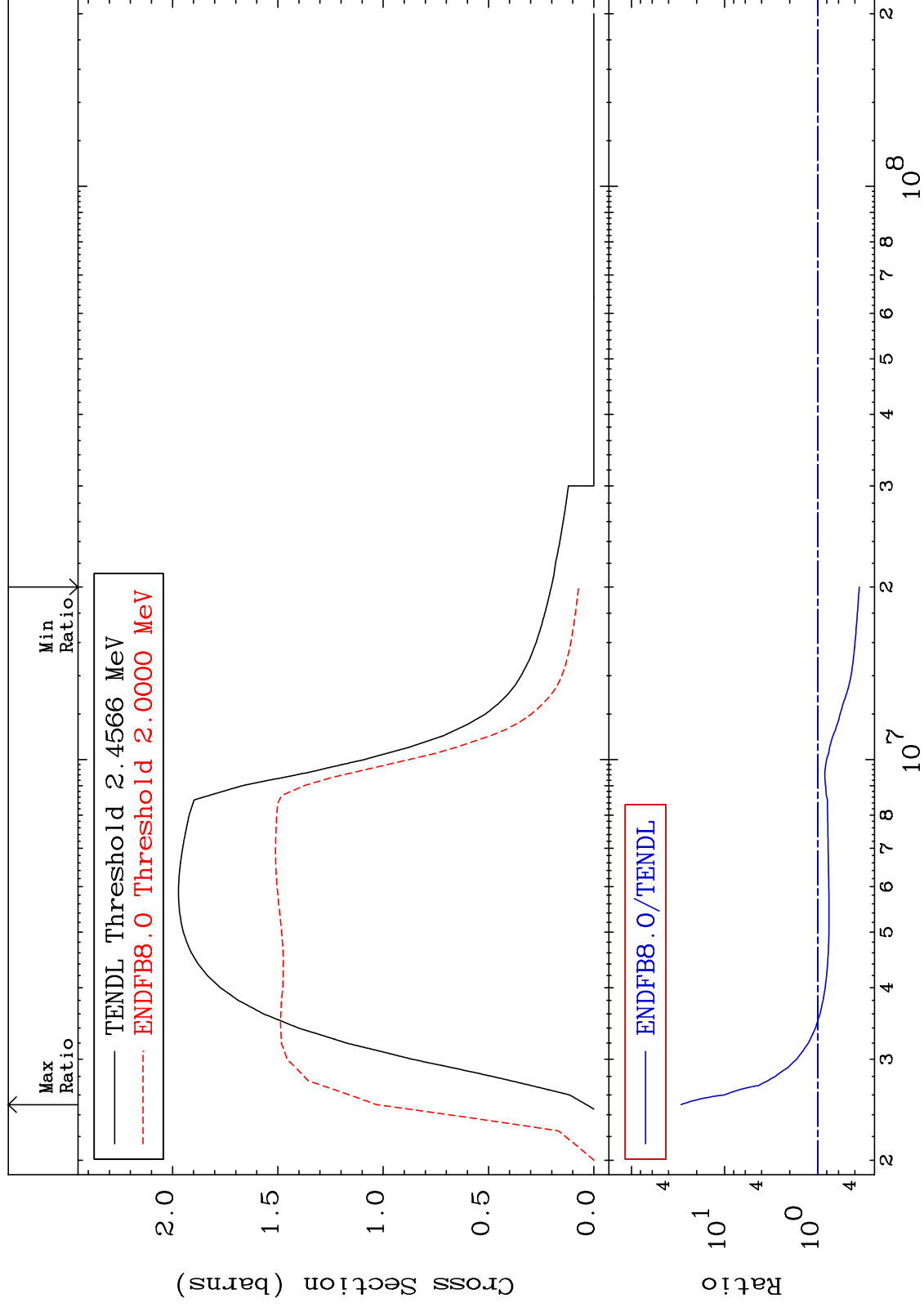
42-Mo-100
-4.062 To 9999. %



MAT 4249

(n,n') Continuum
Cross Section

42-Mo-100
-64.15 To 2836. %



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Incident Energy (eV)

42-Mo-100

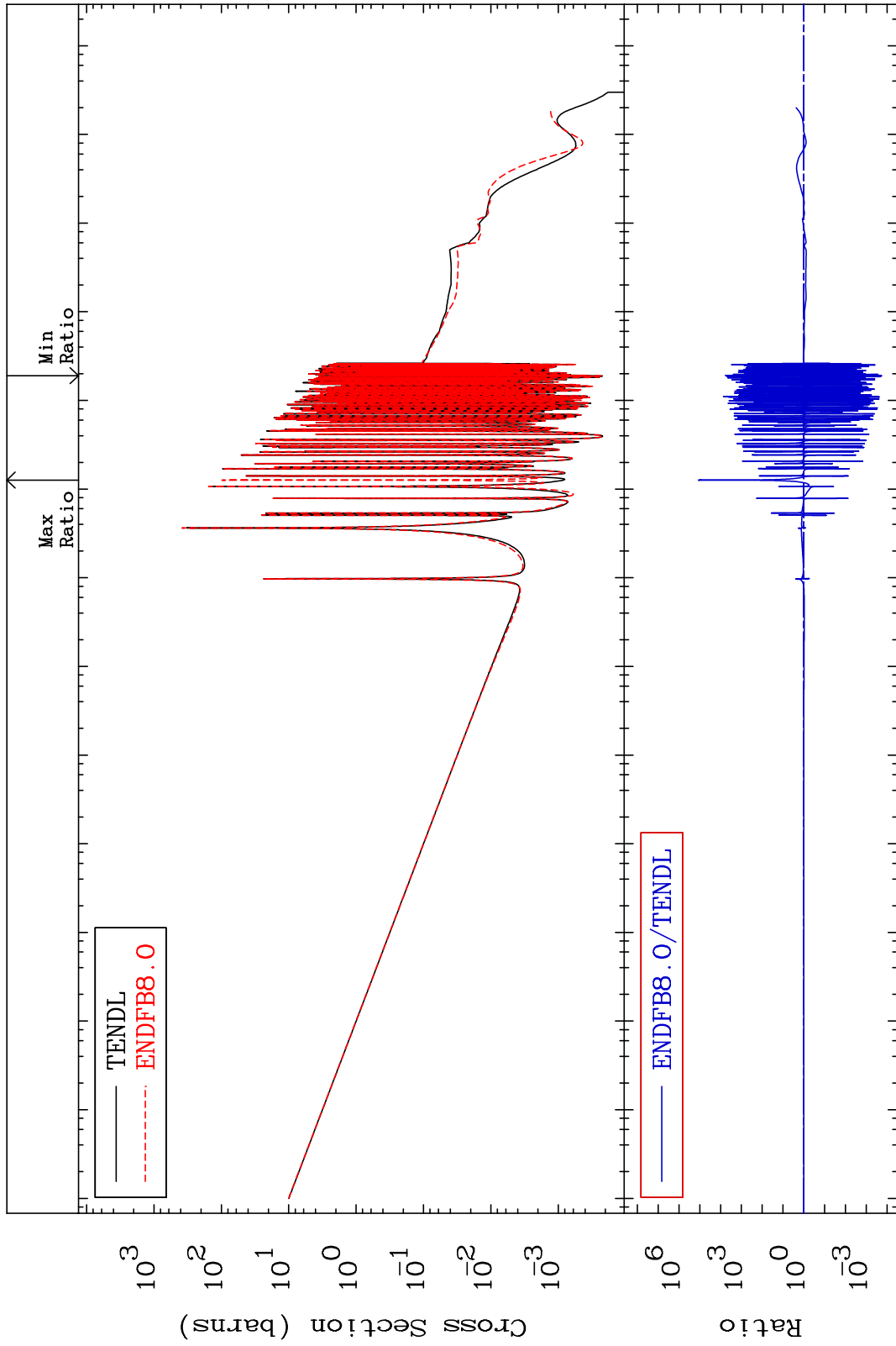
MAT 4249

(n, γ)

42-Mo-100

Cross Section

-99.98 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

42-Mo-100

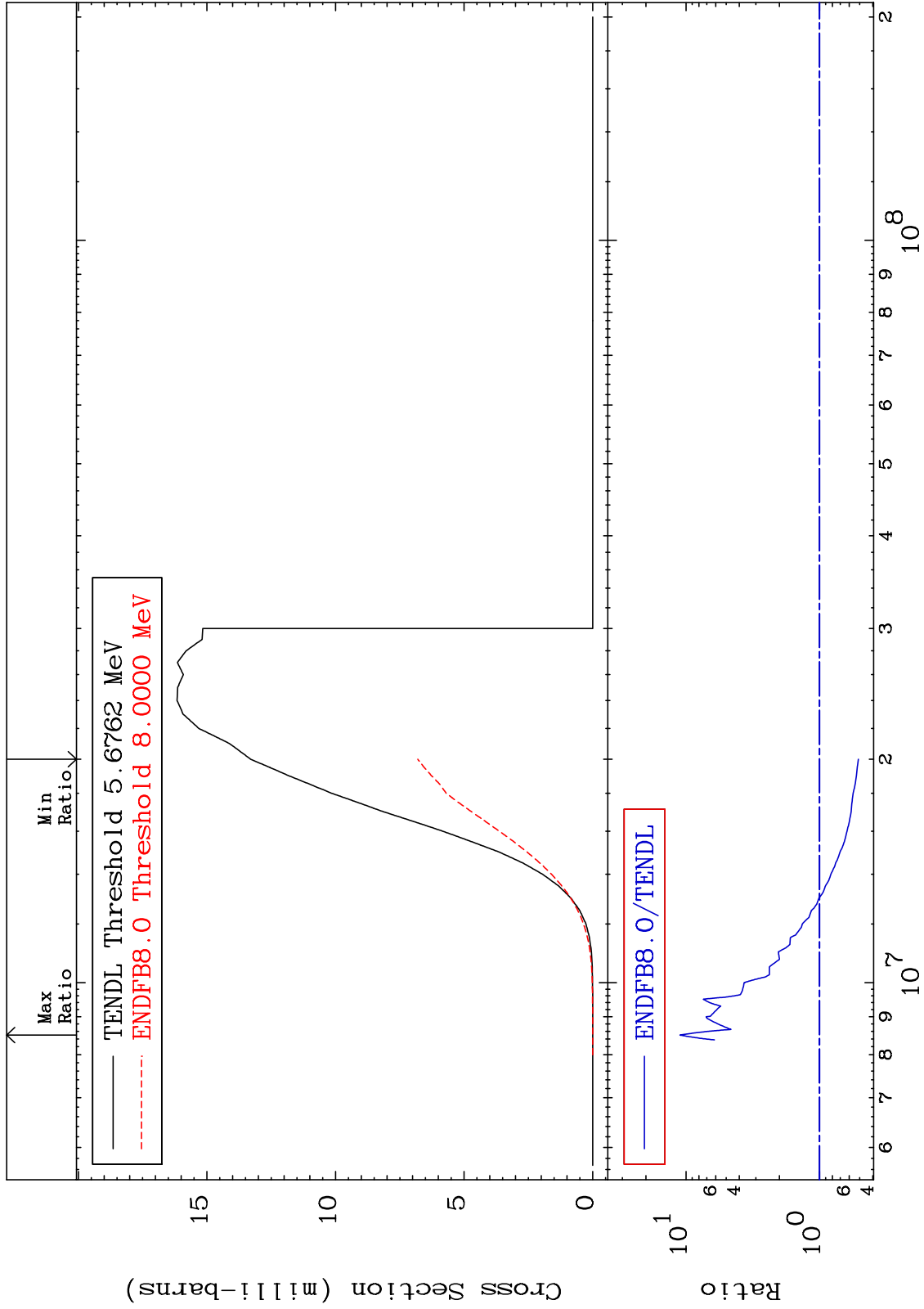
MAT 4249

(n,p)

42-Mo-100

Cross Section

-48.85 To 1010. %



17

Incident Energy (eV)

42-Mo-100

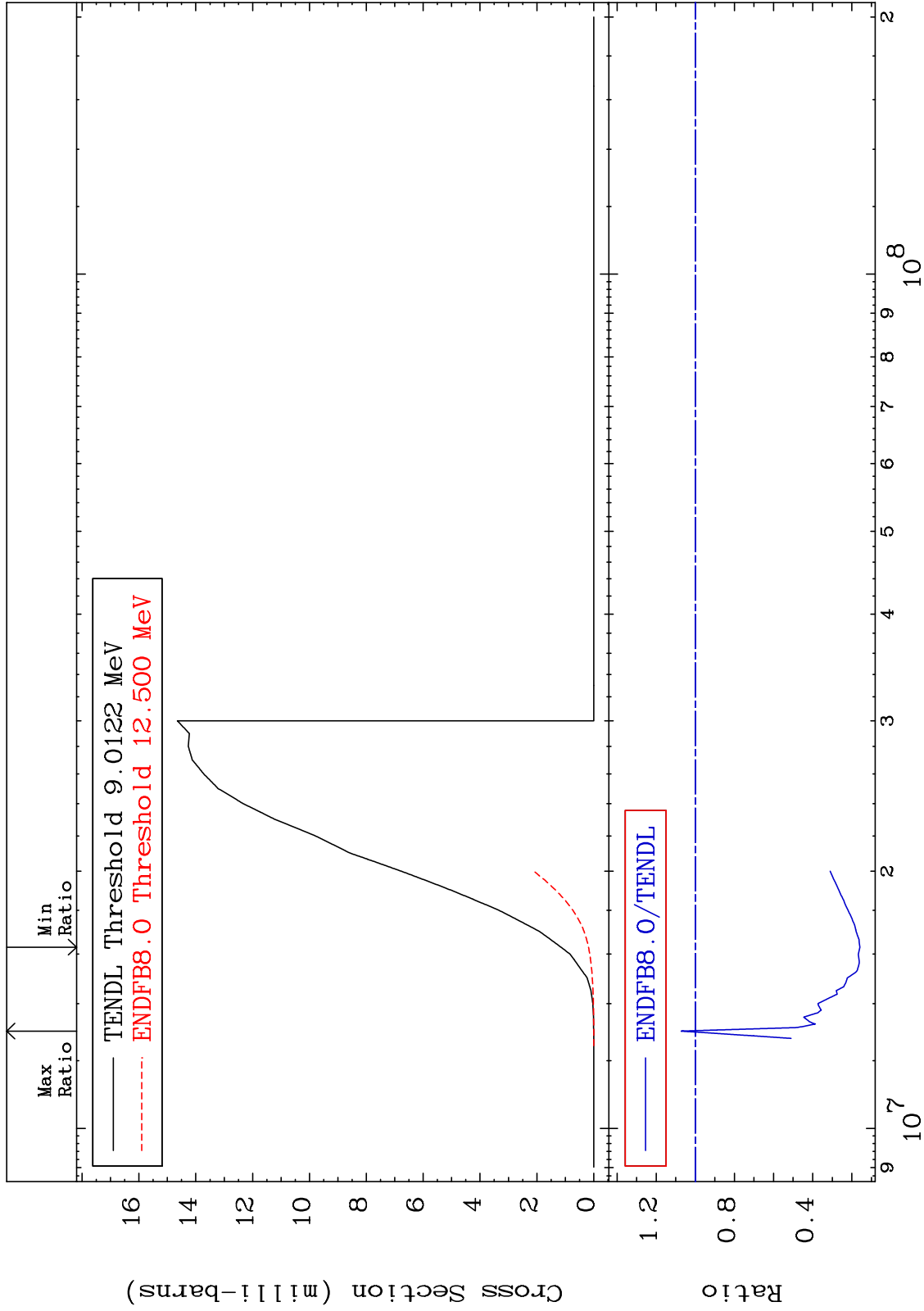
MAT 4249

(n, d)

42-Mo-100

Cross Section

-84.14 To 7.198 %



18

Incident Energy (eV)

42-Mo-100

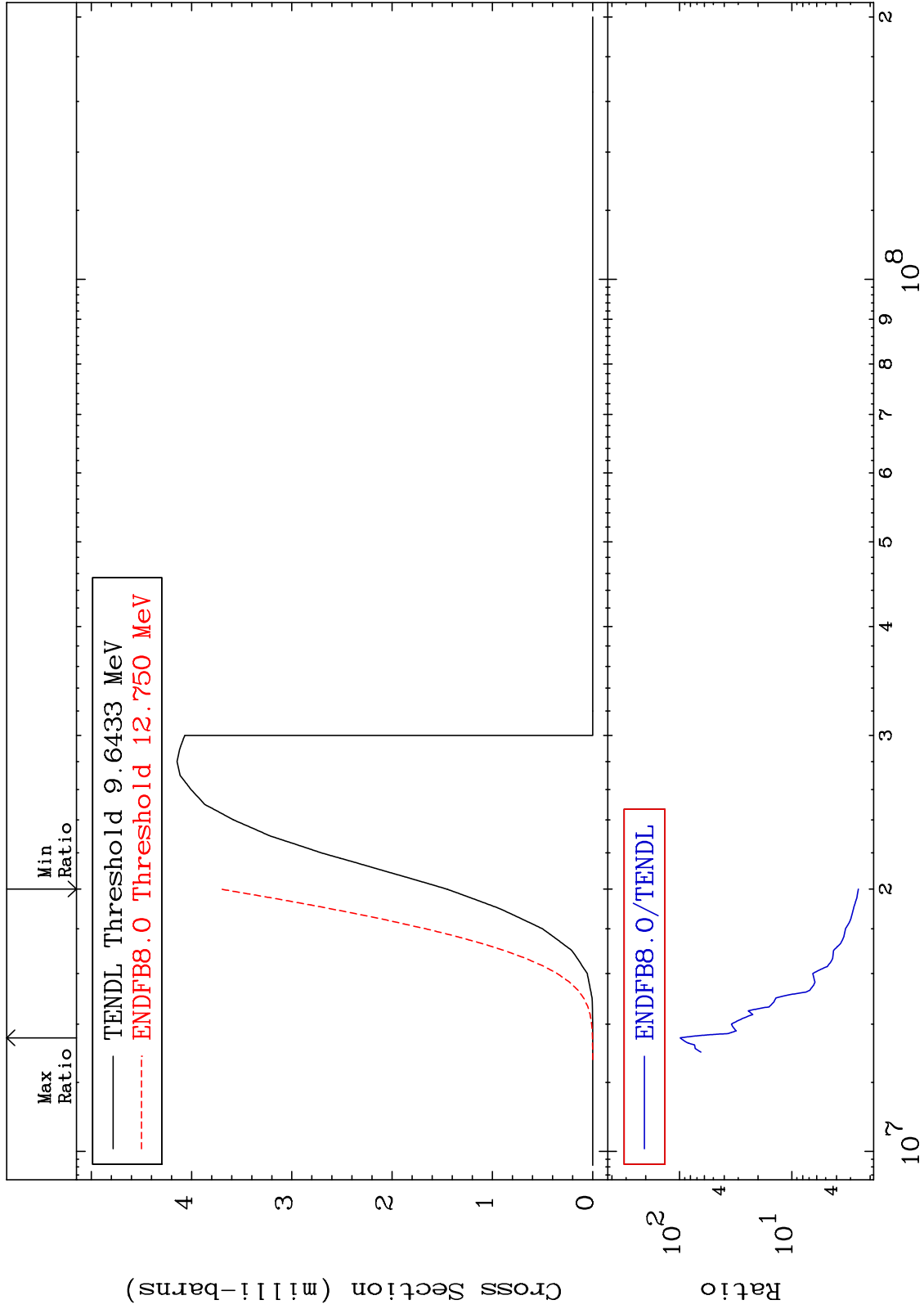
MAT 4249

(n, t)

42-Mo-100

Cross Section

154.9 To 9808. %



Incident Energy (eV)

42-Mo-100

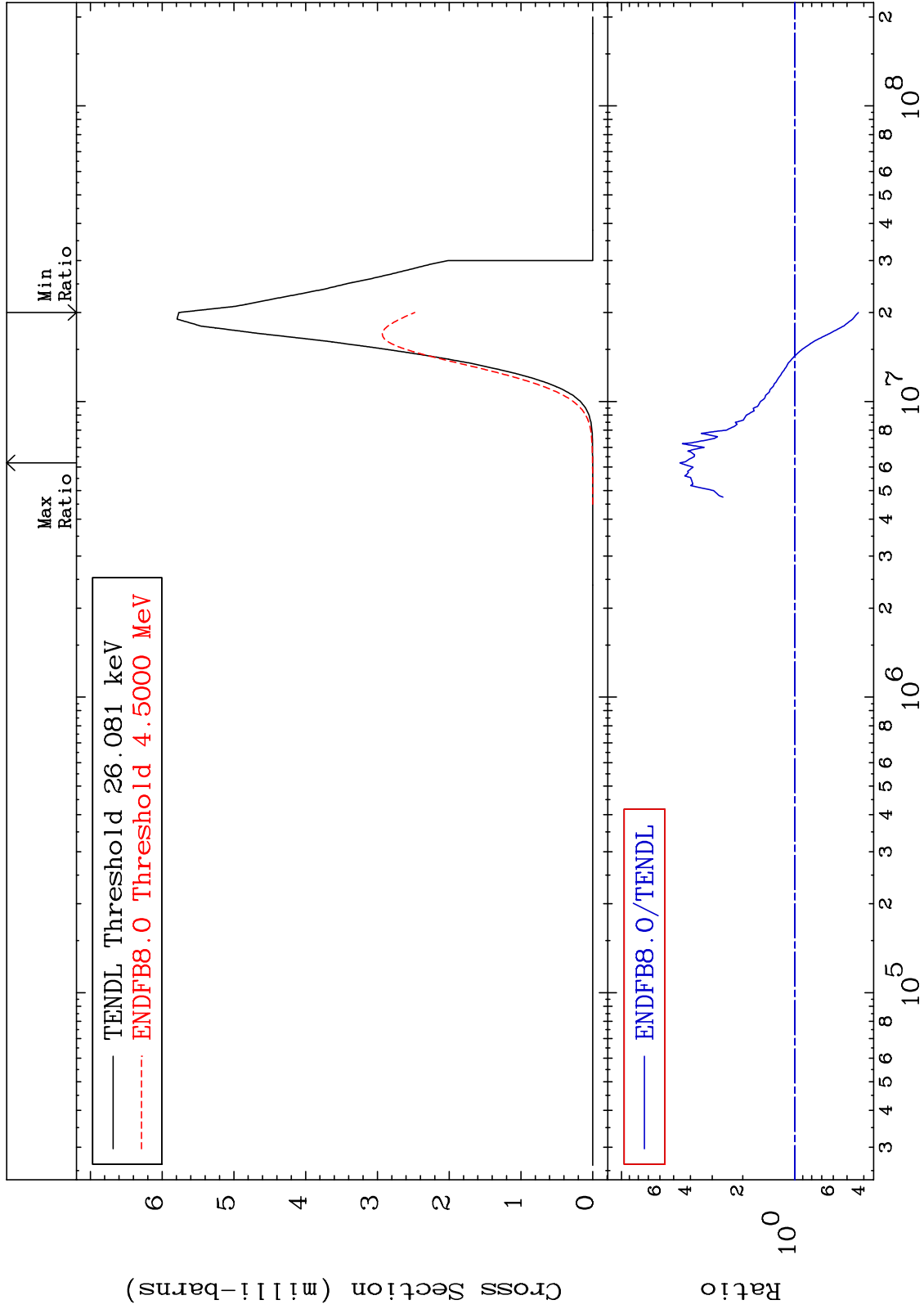
MAT 4249

(n, α)

42-Mo-100

Cross Section

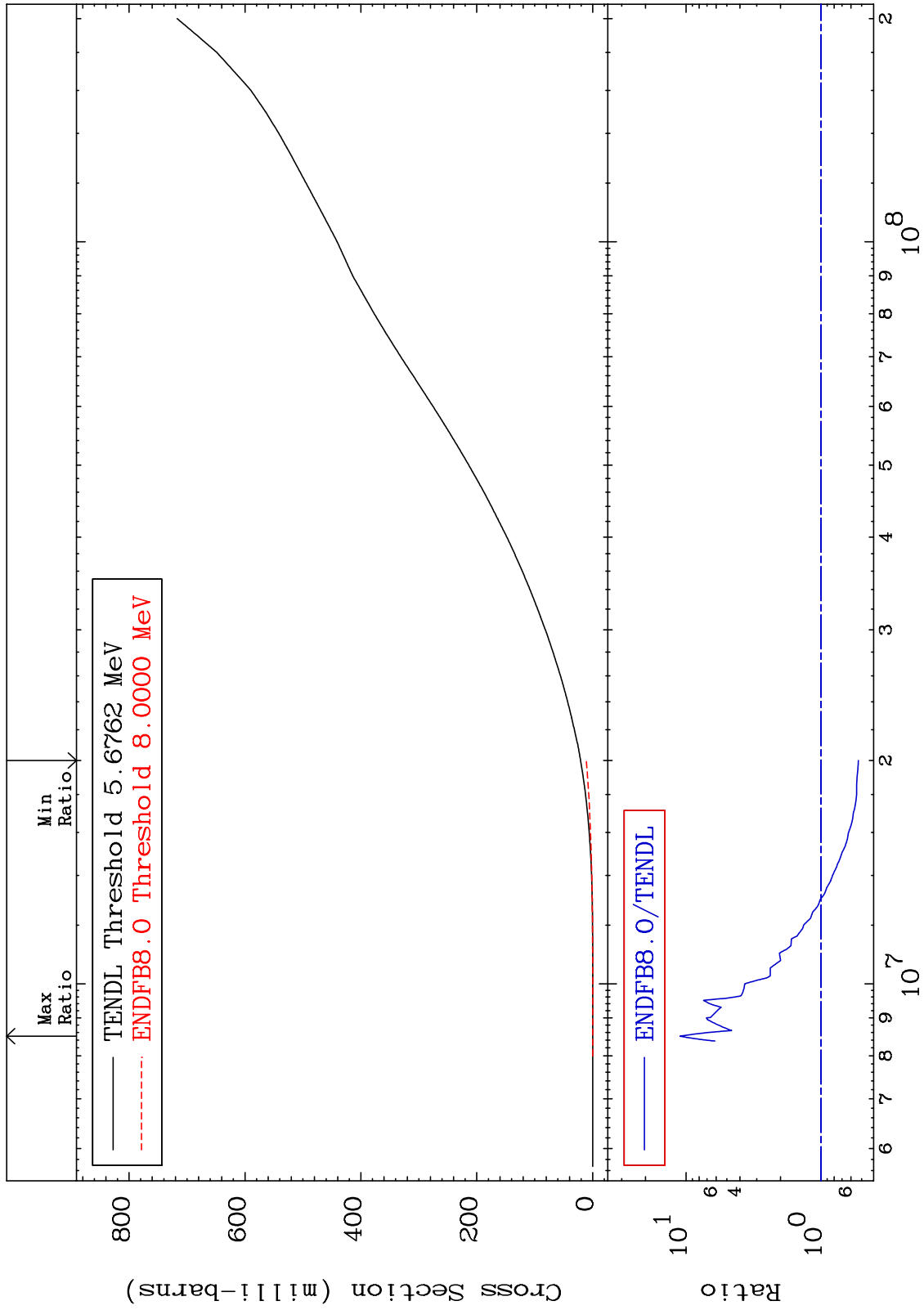
-57.00 To 359.7 %



MAT 4249

Hydrogen Production Cross Section

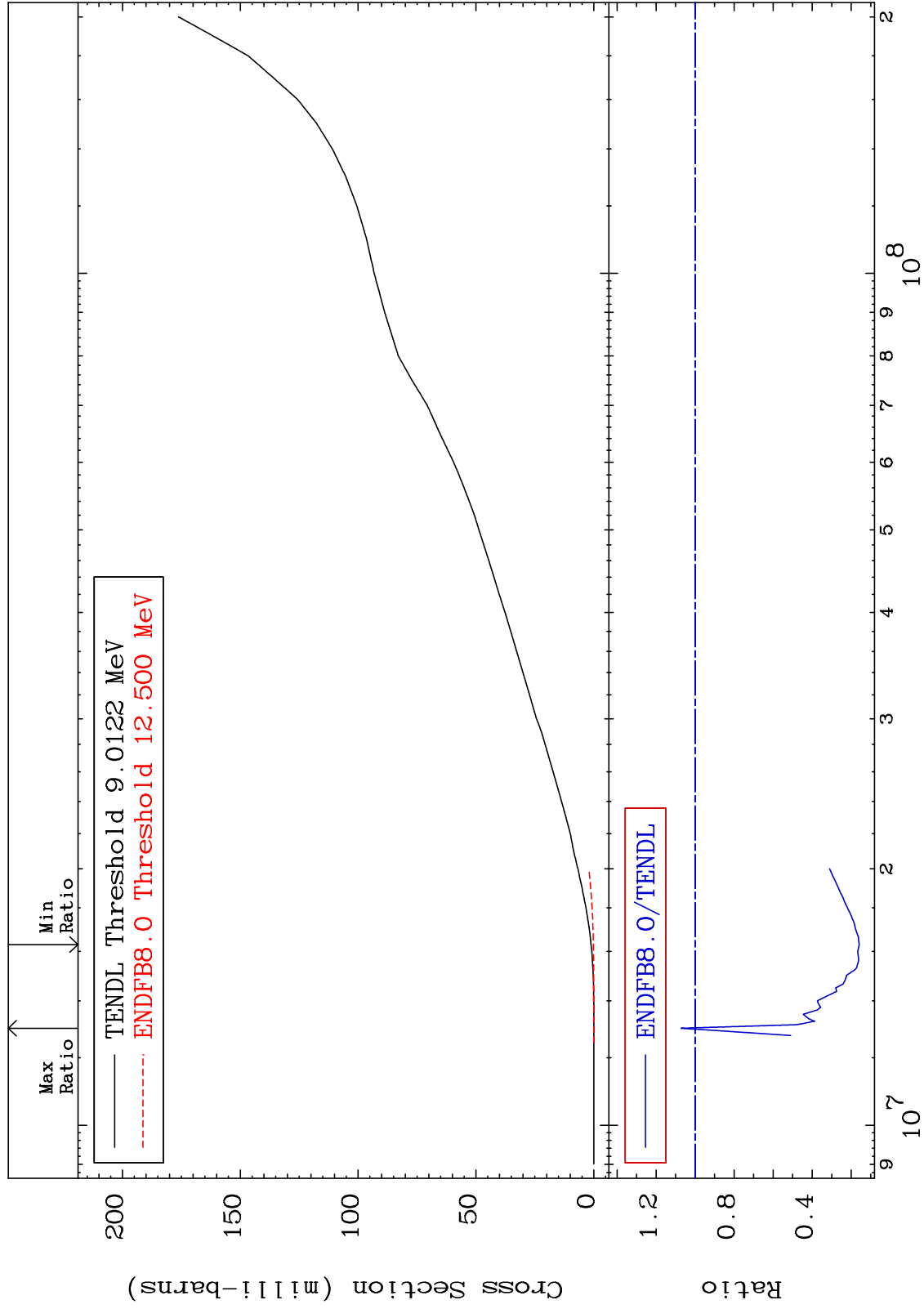
42-Mo-100
-47.15 To 1010. %



MAT 4249

Deuterium Production
Cross Section

42-Mo-100
-84.14 To 7.198 %



22

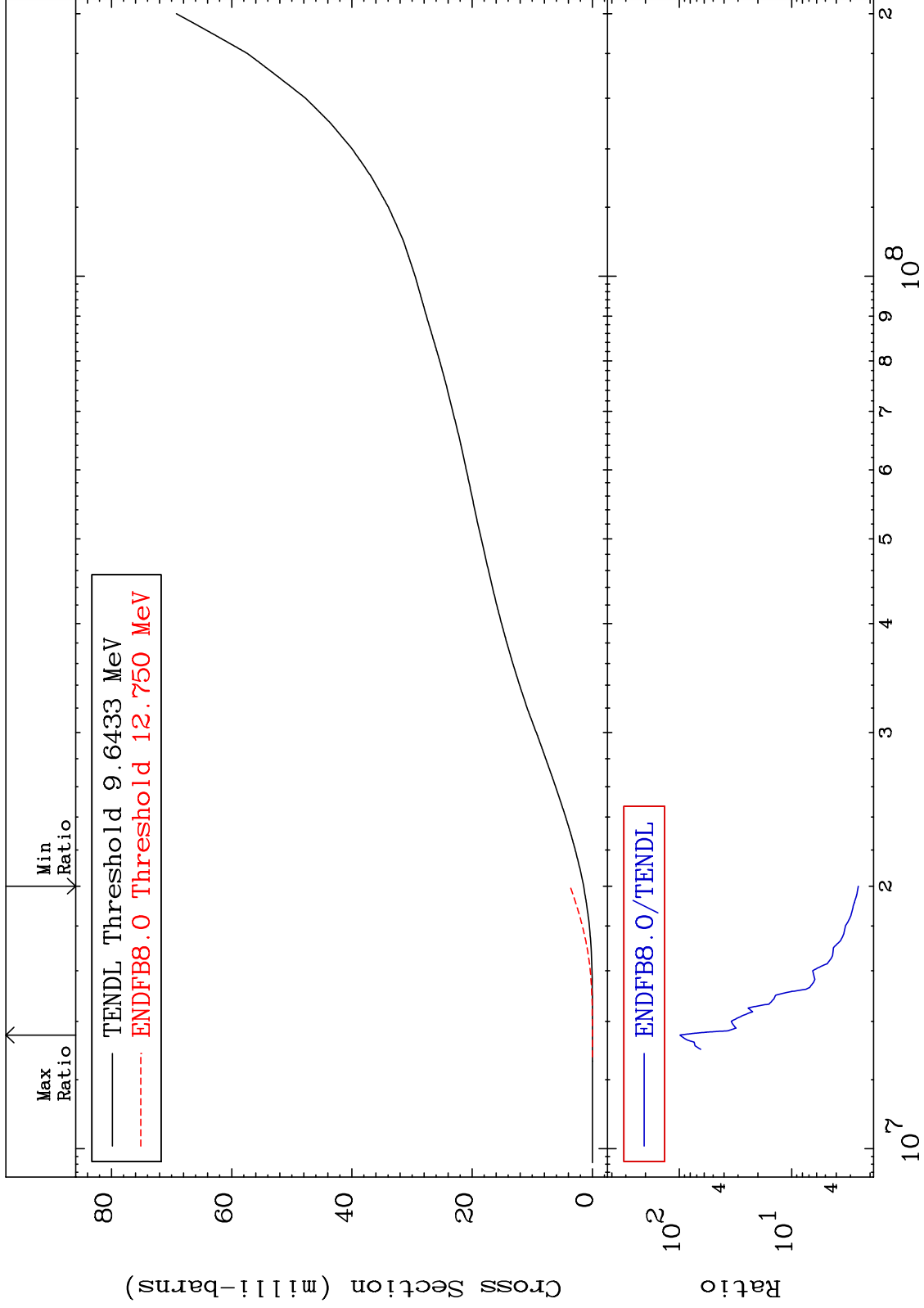
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

42-Mo-100
154.6 To 9808. %



23

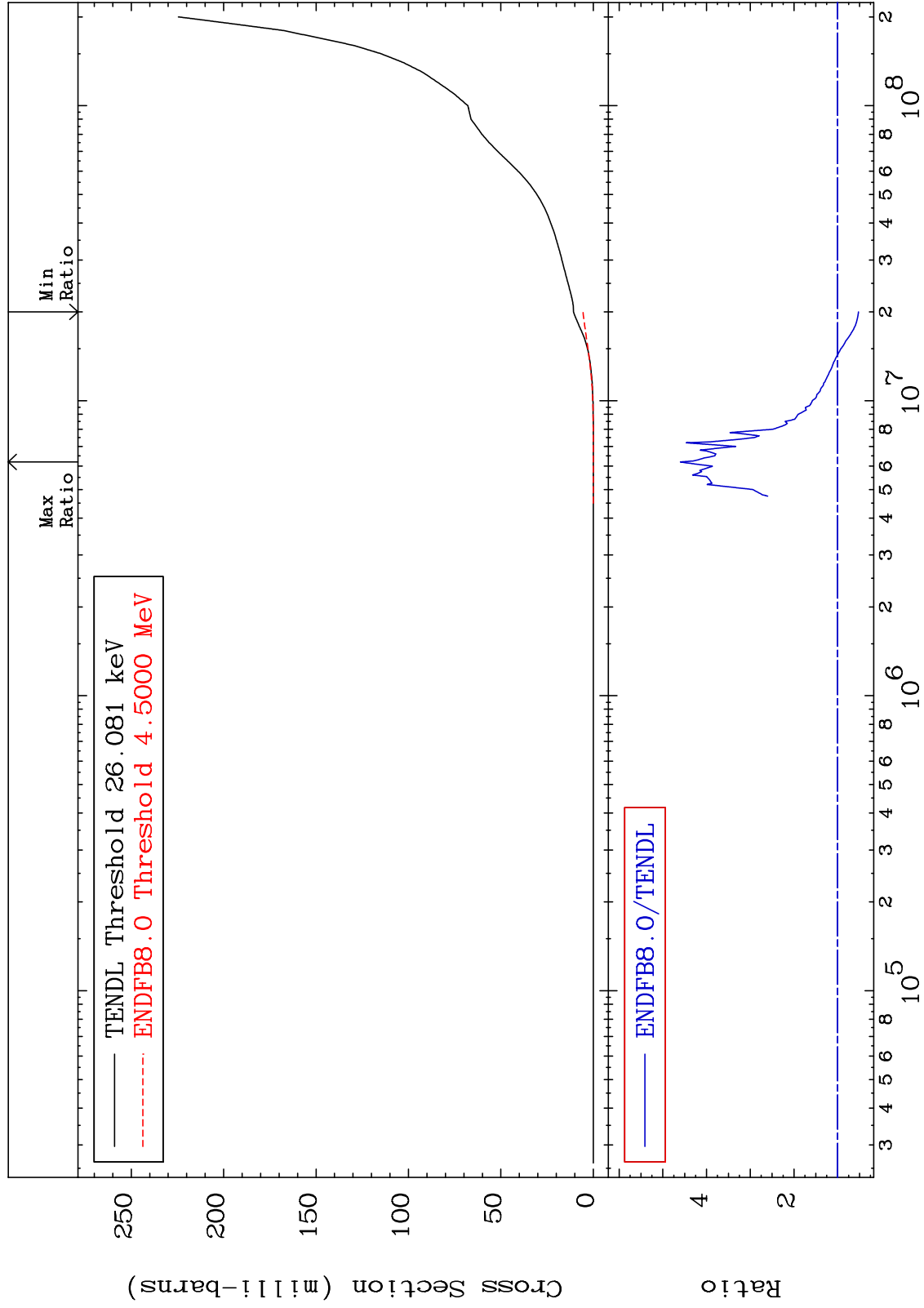
Incident Energy (eV)

42-Mo-100

MAT 4249

He-4 Production
Cross Section

42-Mo-100
-47.70 To 359.7 %



24

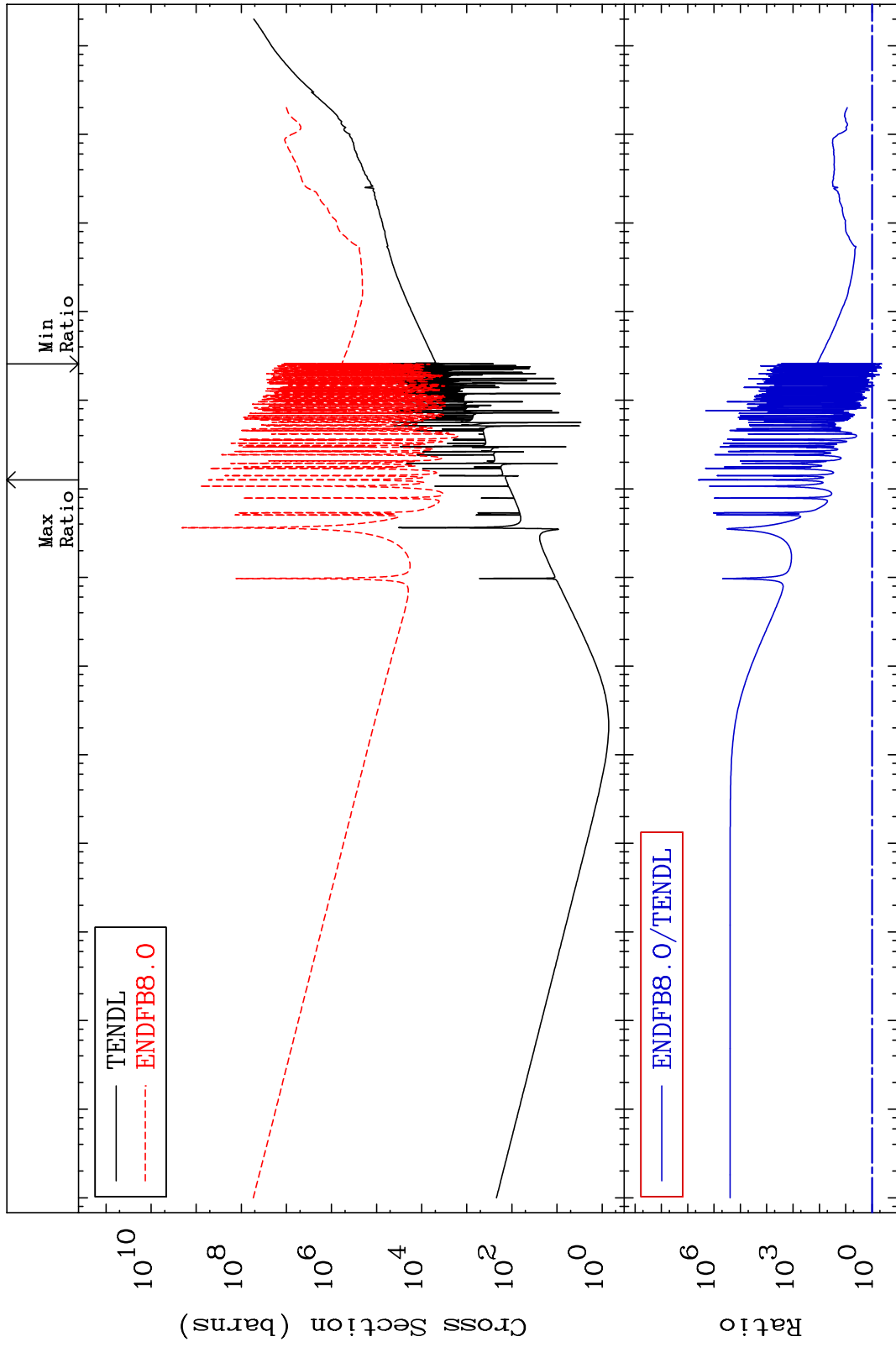
Incident Energy (eV)

42-Mo-100

MAT 4249

Kerma total (eV-barns)
Cross Section

42-Mo-100
-56.62 To 9999. %

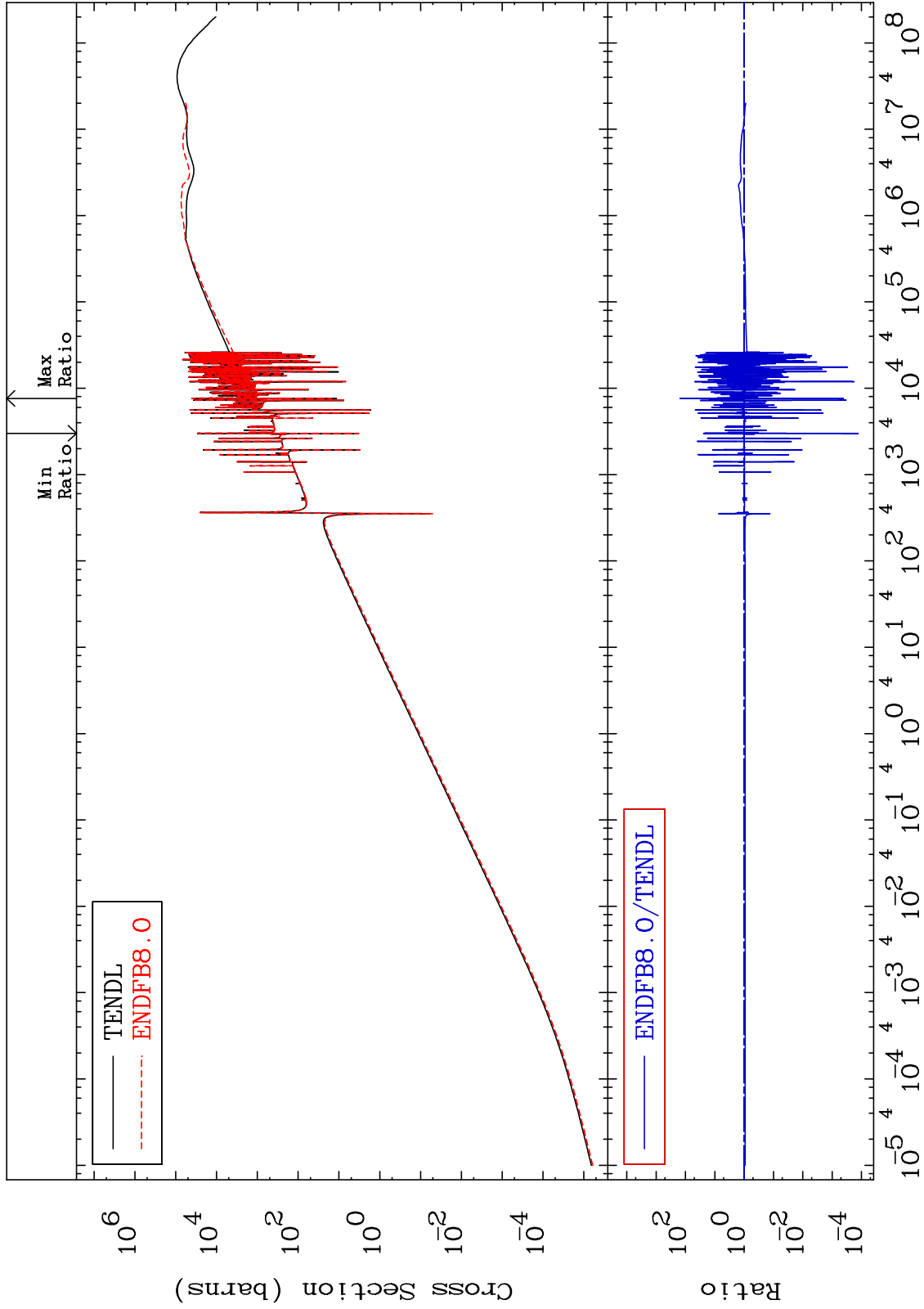


Incident Energy (eV) 42-Mo-100

MAT 4249

Kerma elastic
Cross Section

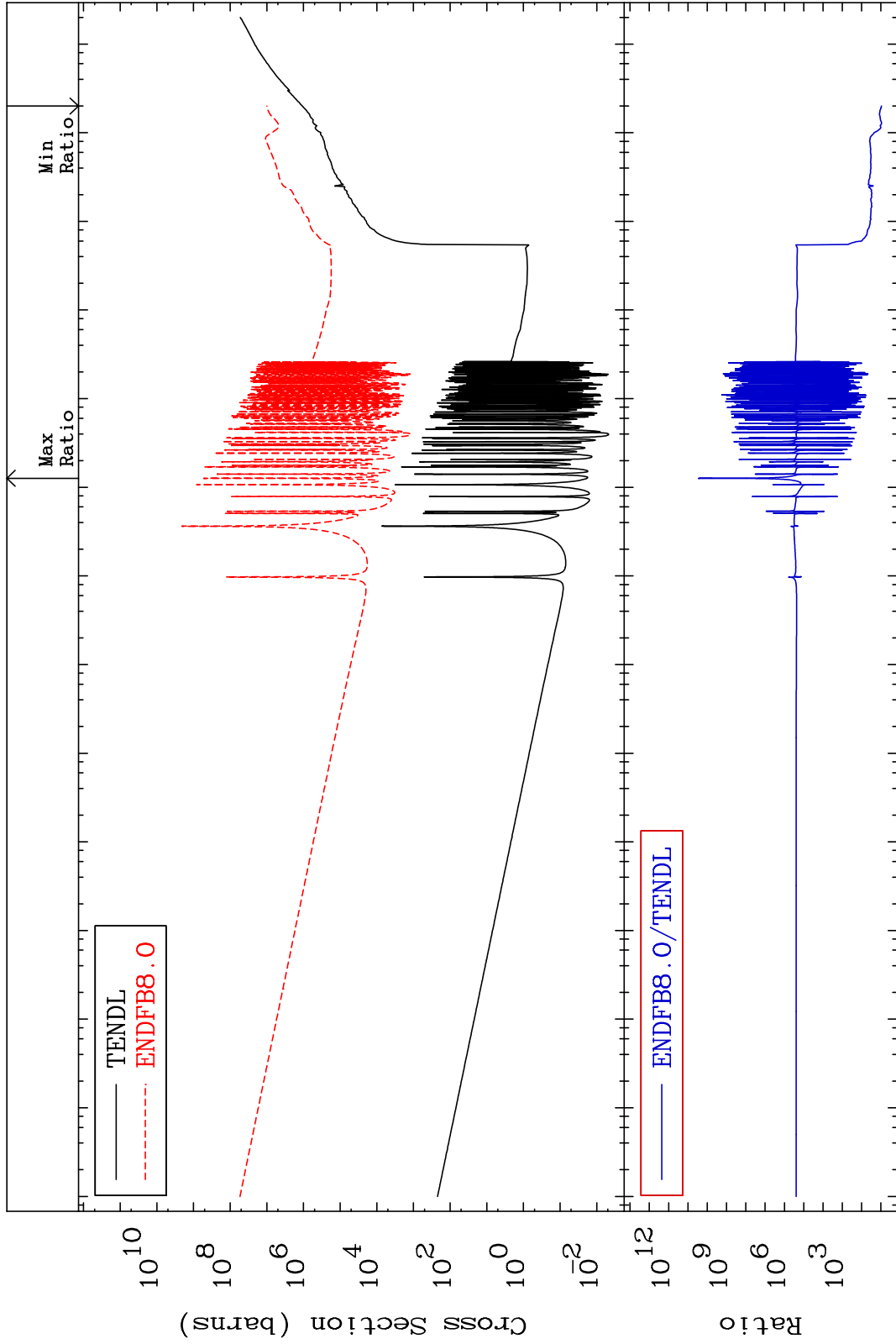
42-Mo-100
-99.99 To 9999. %



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Kerma non-elastic (all but mt2)
Cross Section

42-Mo-100
826.0 To 9999. %



27

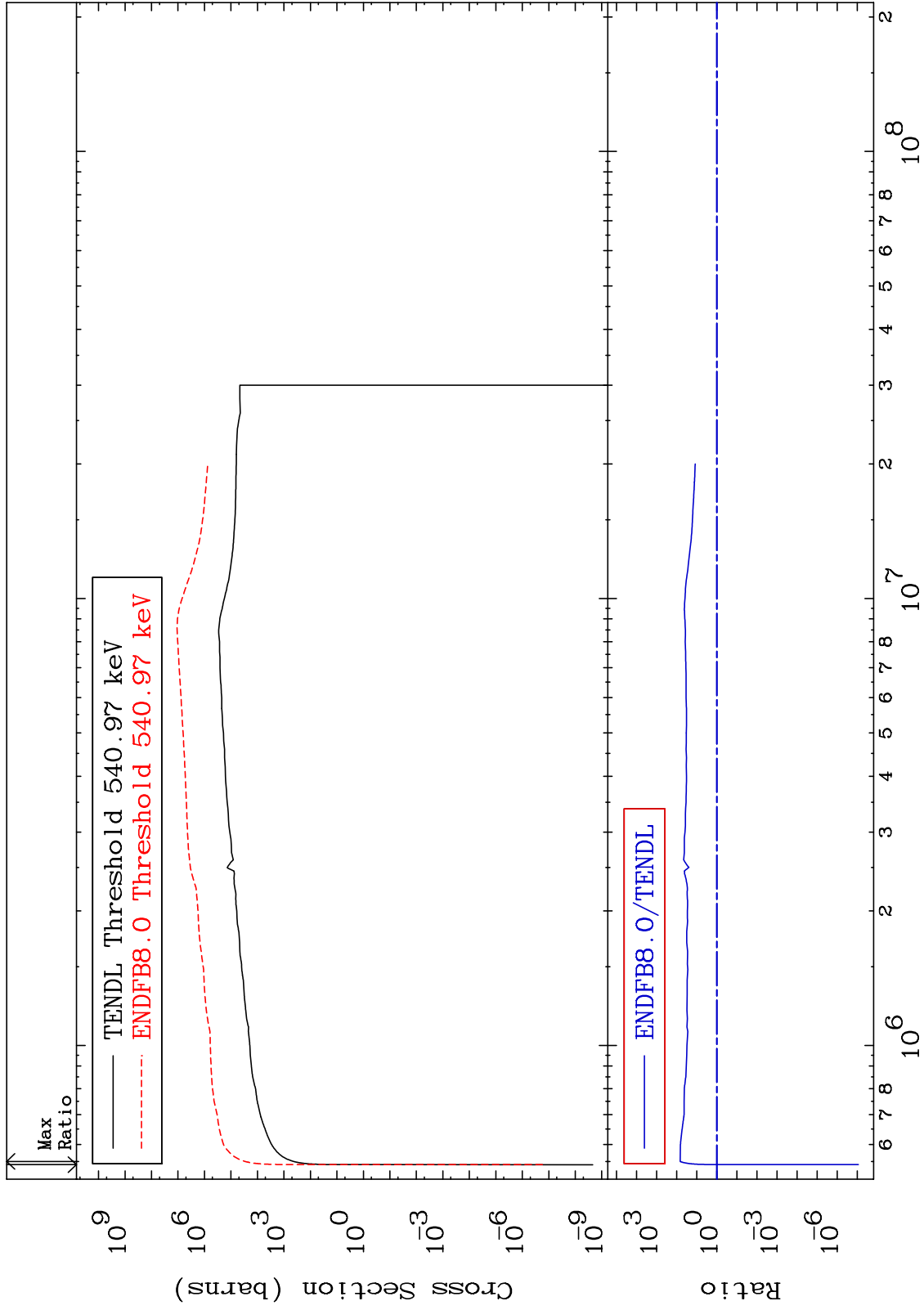
Incident Energy (eV)

42-Mo-100

MAT 4249

Kerma inelastic (mt51-91)
Cross Section

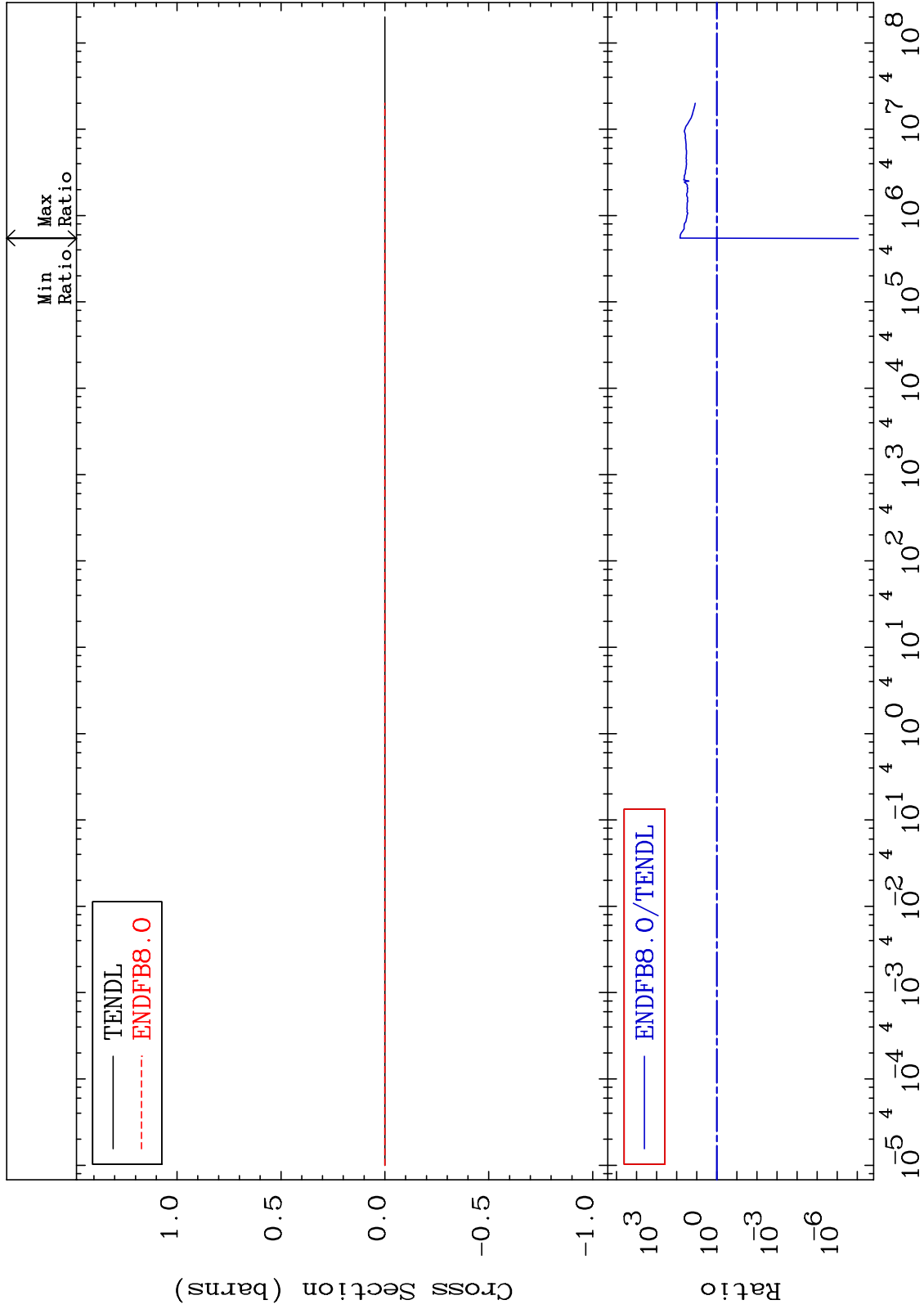
42-Mo-100
-100.0 To 6748. %



MAT 4249

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

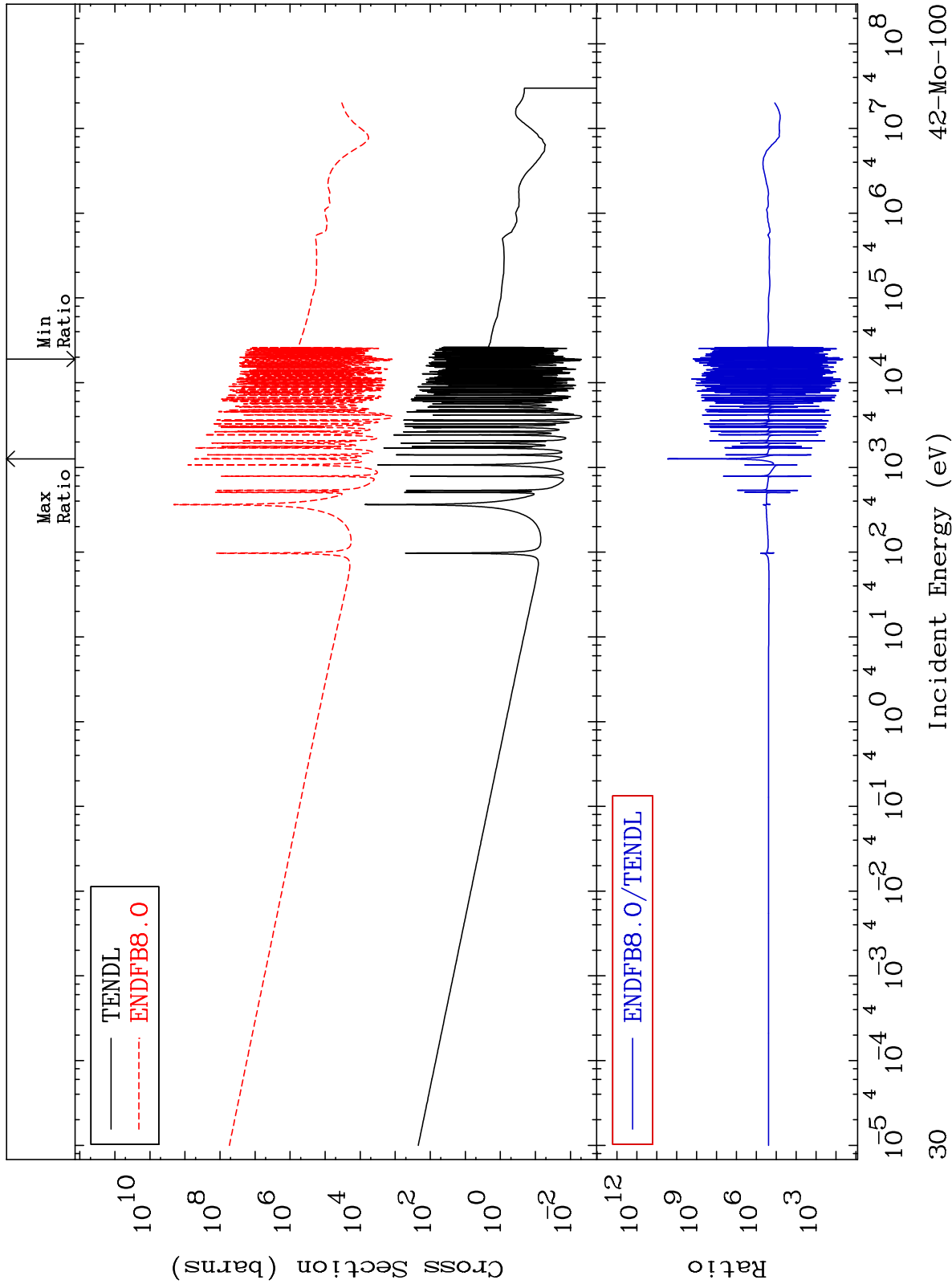
42-Mo-100
-100.0 To 6748. %



MAT 4249

Kerma capture (mt102)
Cross Section

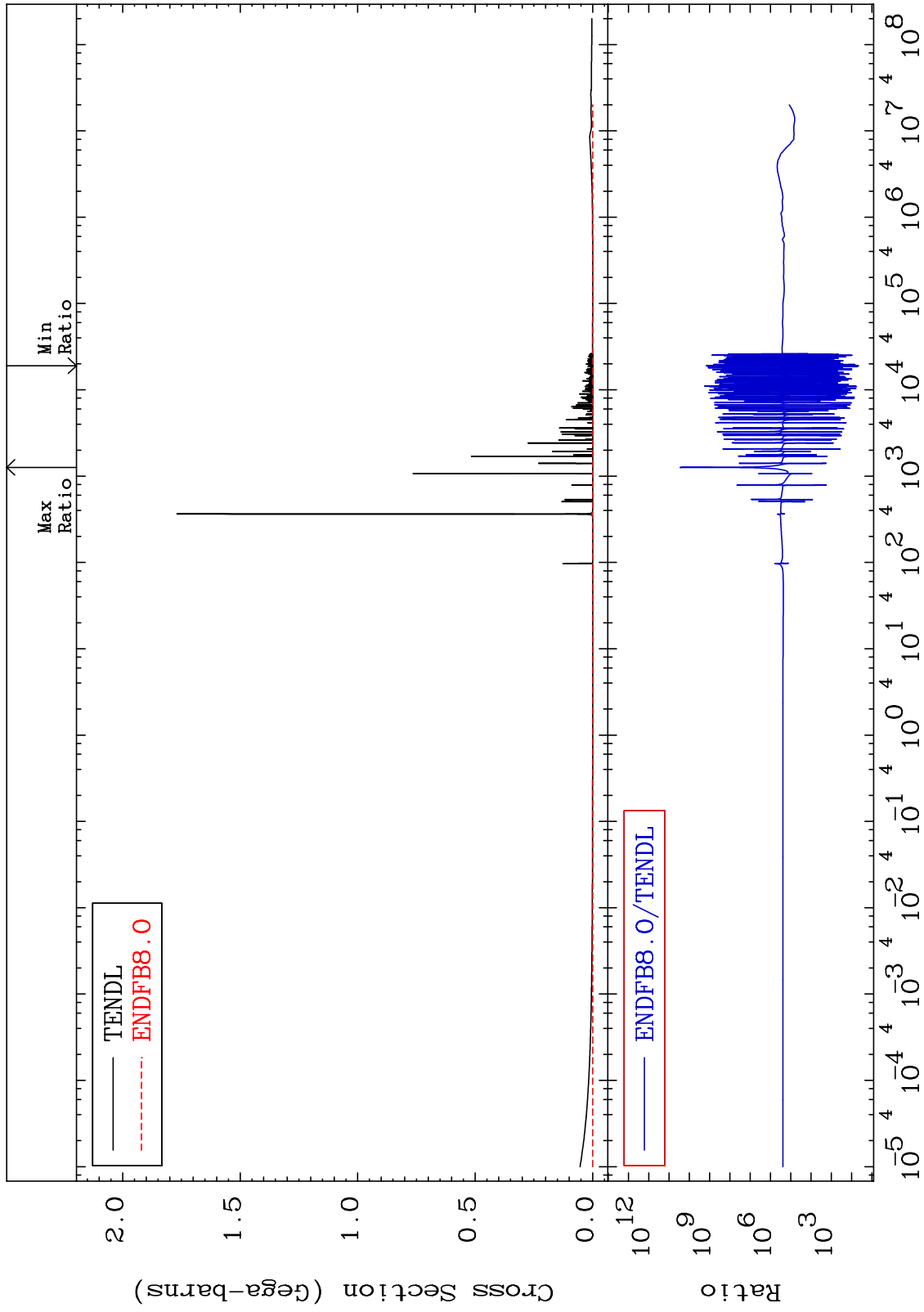
42-Mo-100
4536. To 9999. %



MAT 4249

Total photon (eV-barns)
Cross Section

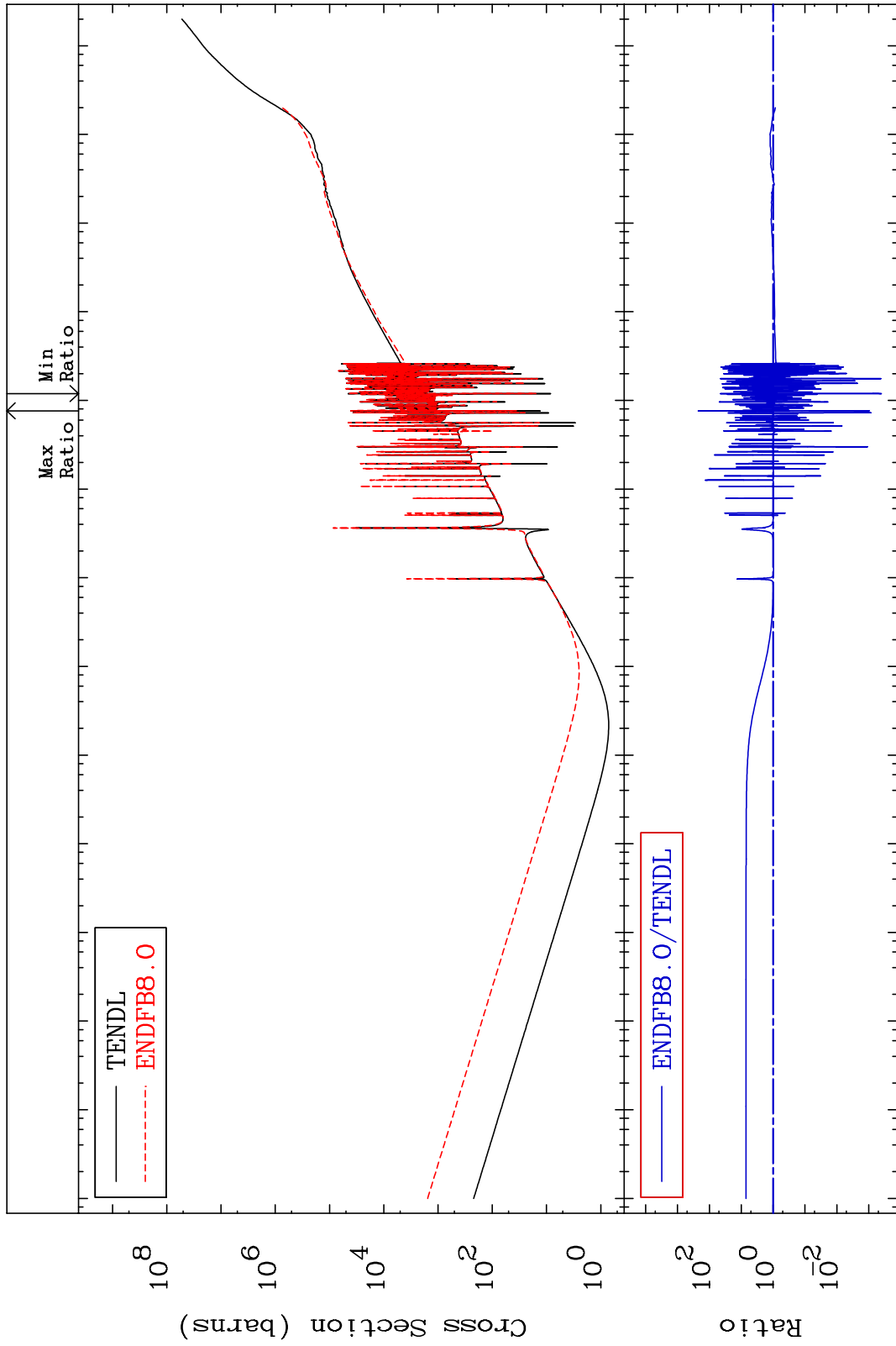
42-Mo-100
4536. To 9999. %



MAT 4249

Total kinematic kerma (high limit)
Cross Section

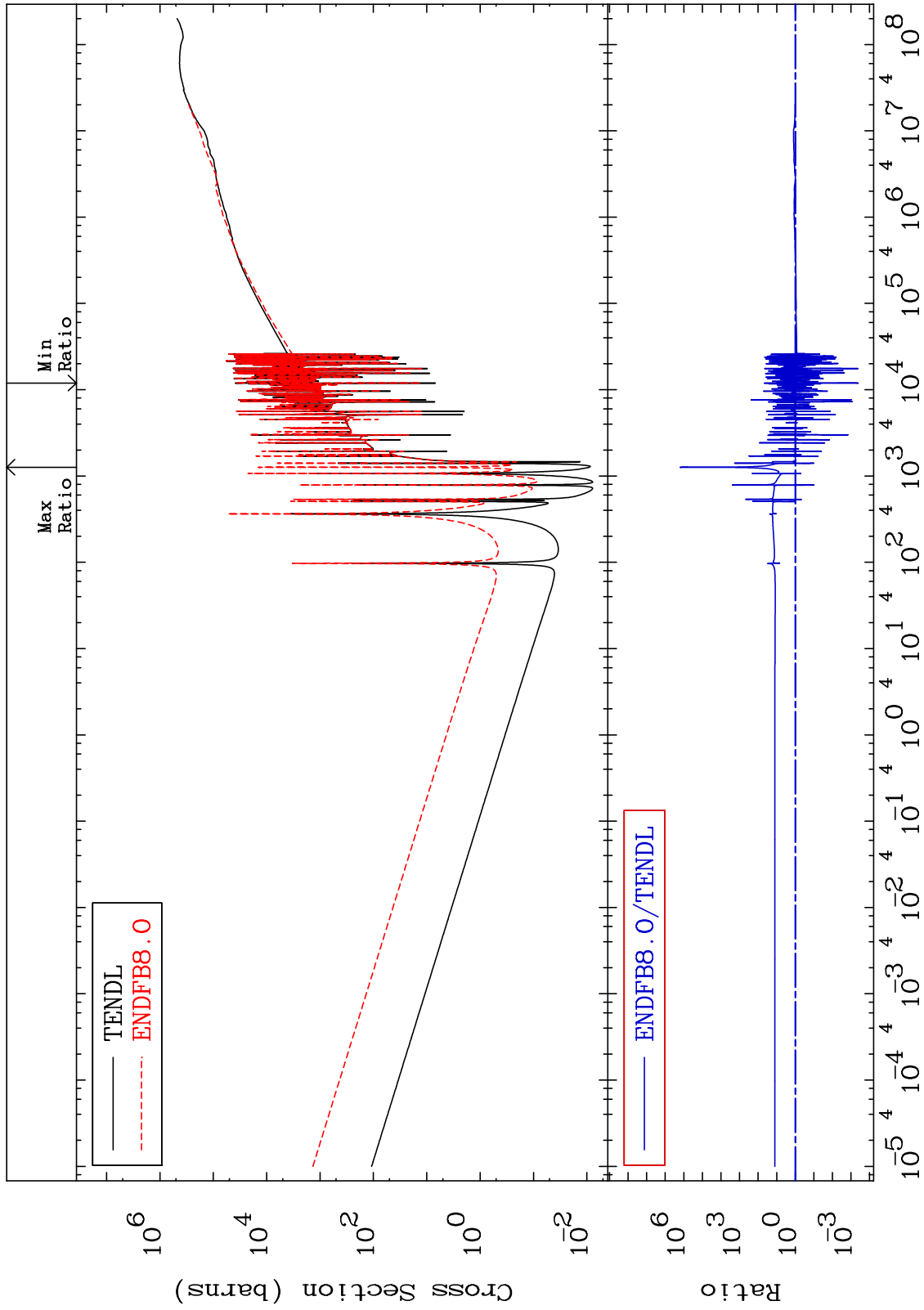
42-Mo-100
-99.96 To 9999. %



MAT 4249

Dpa total (eV-barns)
Cross Section

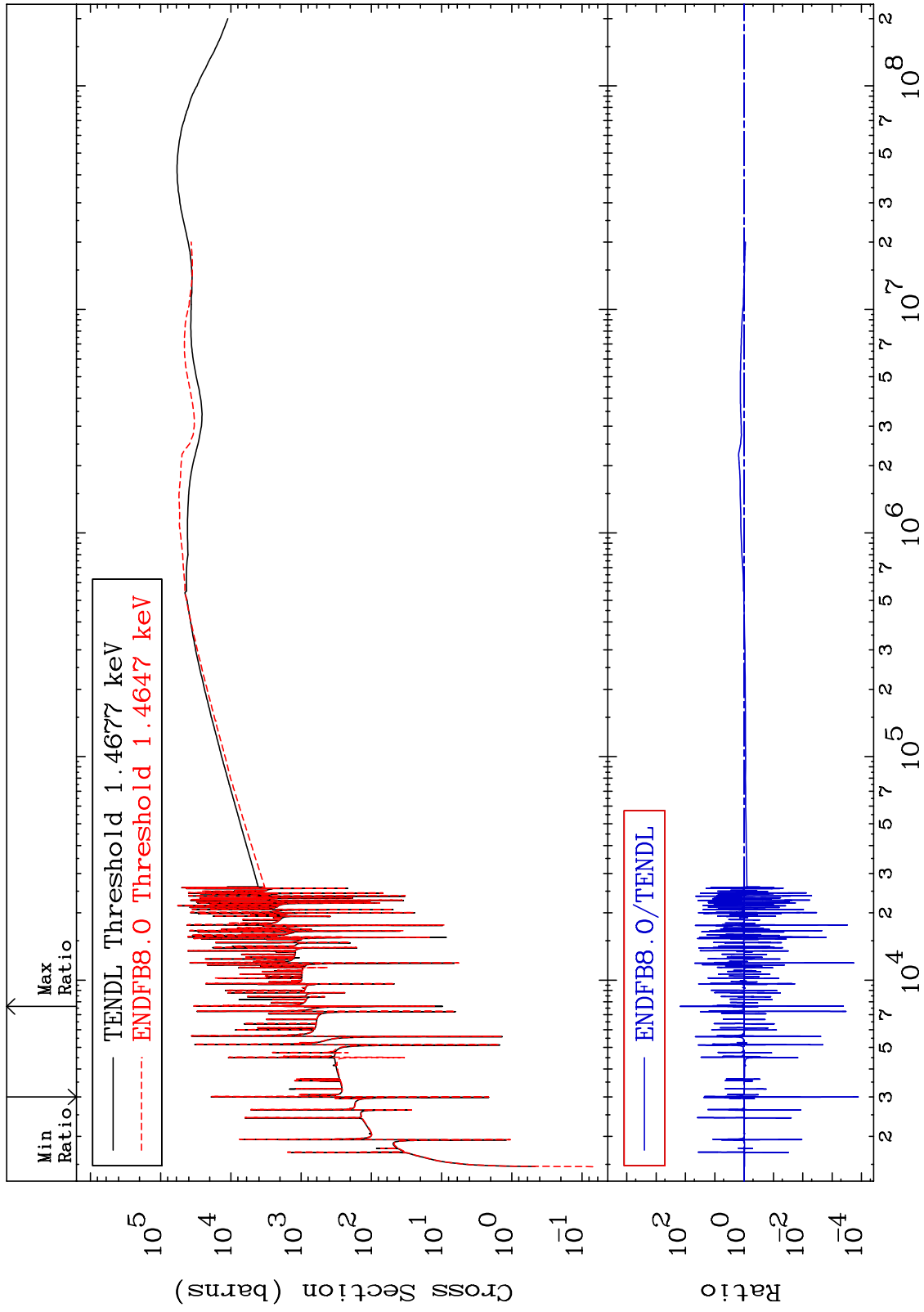
42-Mo-100
-99.96 To 9999. %



MAT 4249

Dpa elastic (mt2)
Cross Section

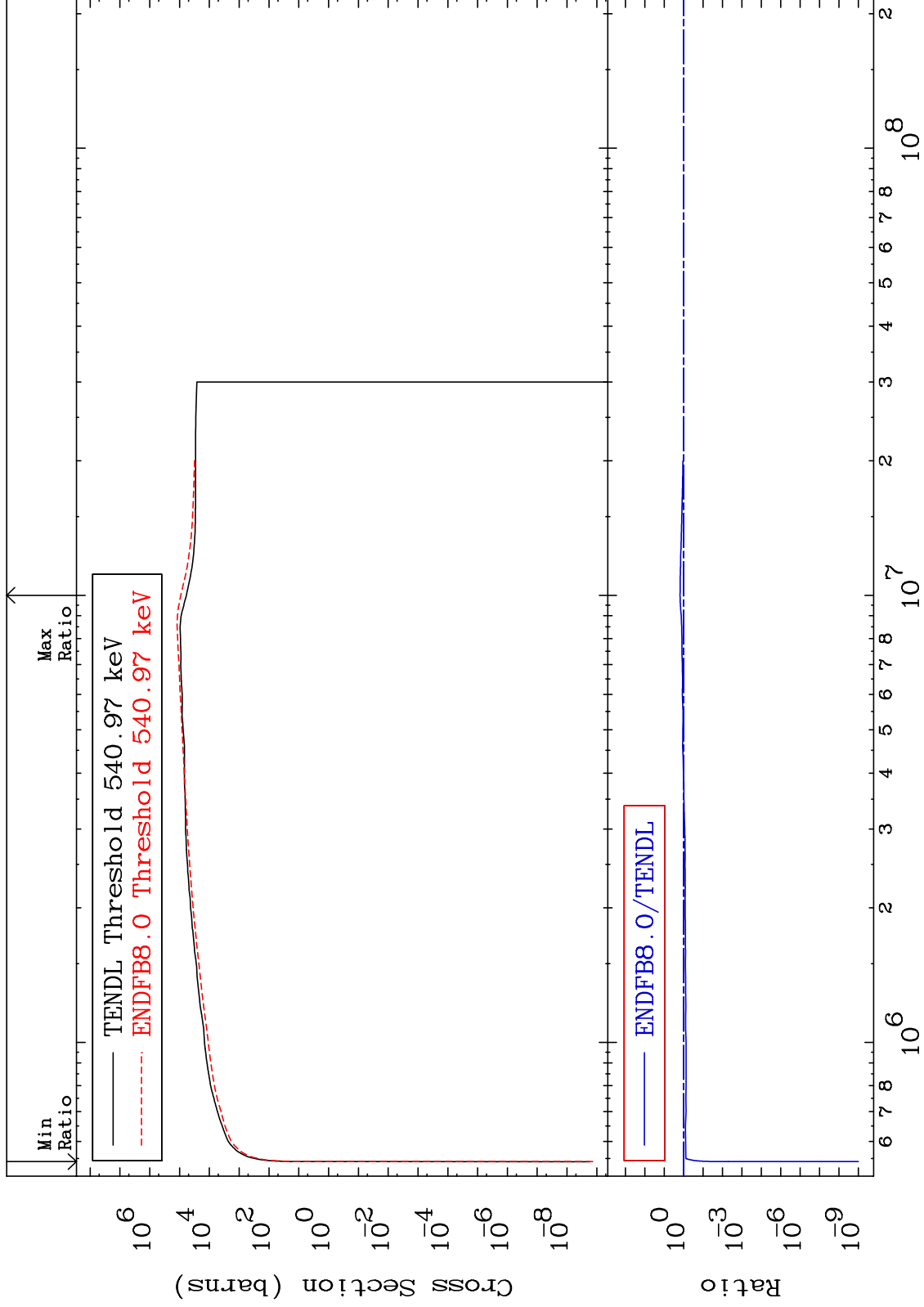
42-Mo-100
-99.99 To 9999. %



MAT 4249

Dpa inelastic (mt51-91)
Cross Section

42-Mo-100
-100.0 To 53.45 %



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Incident Energy (eV)

42-Mo-100

MAT 4249

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-100
-99.50 To 9999. %

