

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

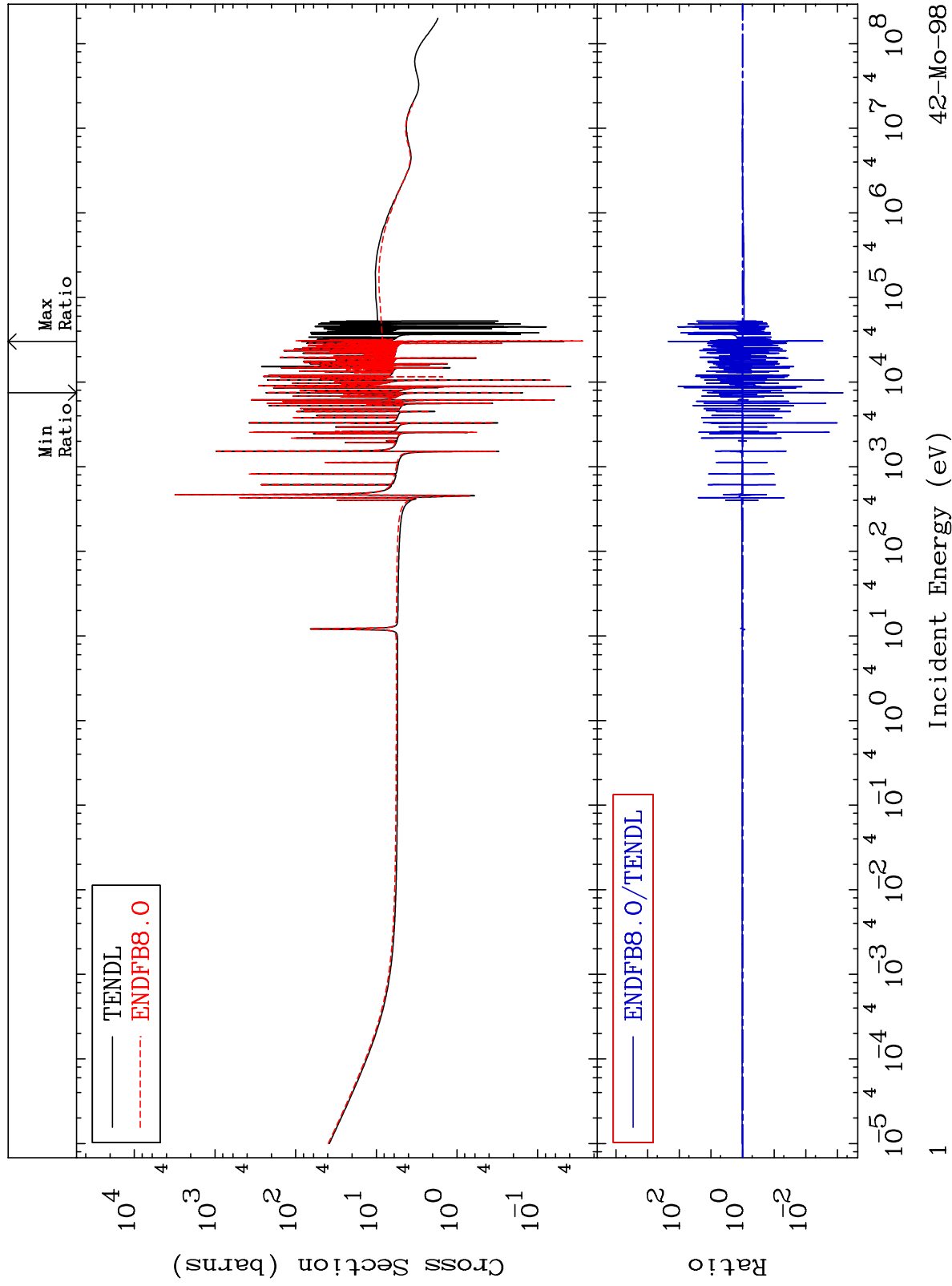
MAT 4243

Total

42-Mo-98

Cross Section

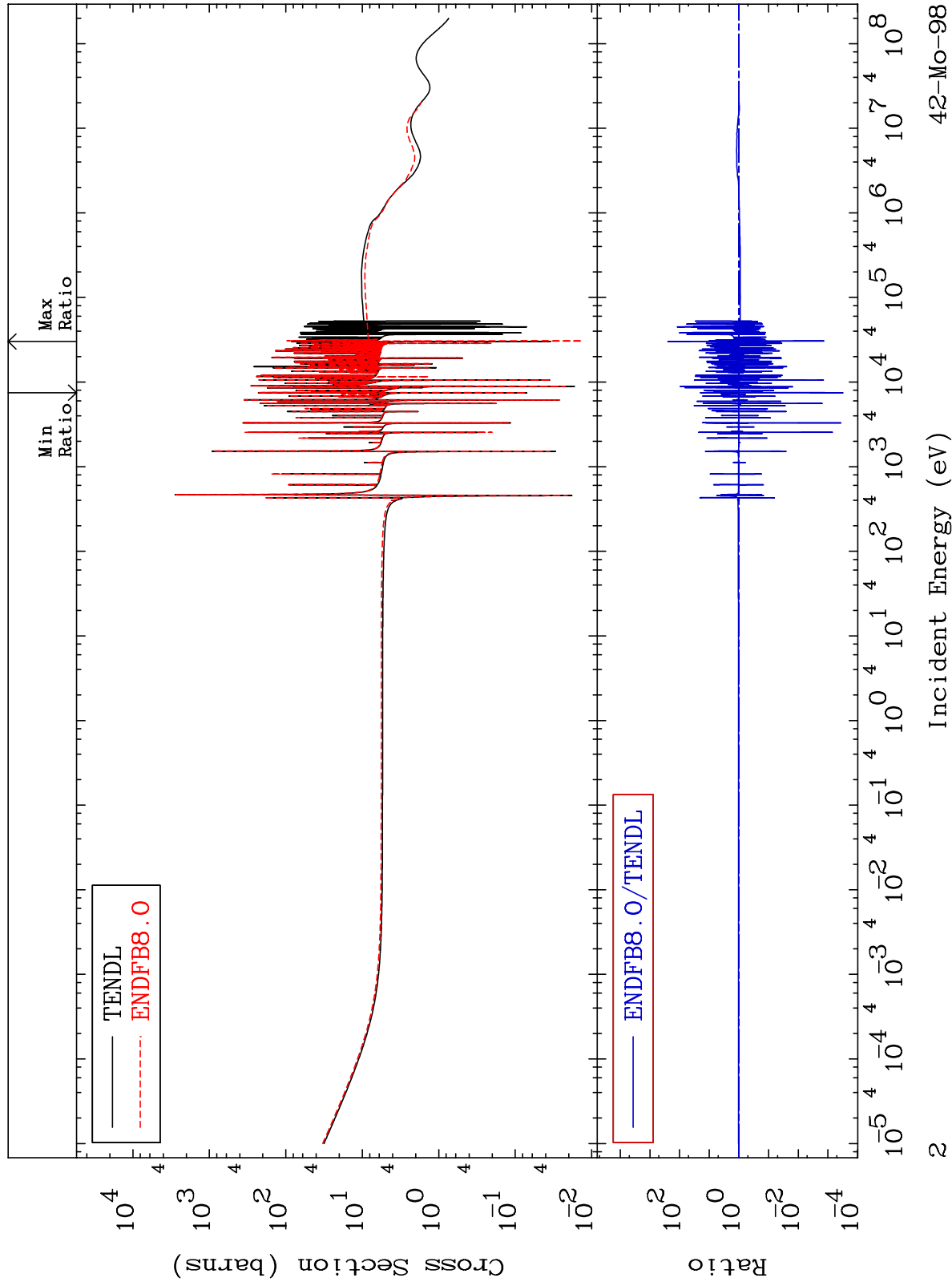
-99.93 To 9999. %



MAT 4243

Elastic
Cross Section

42-Mo-98
-99.97 To 9999. %



42-Mo-98

Incident Energy (eV)

2

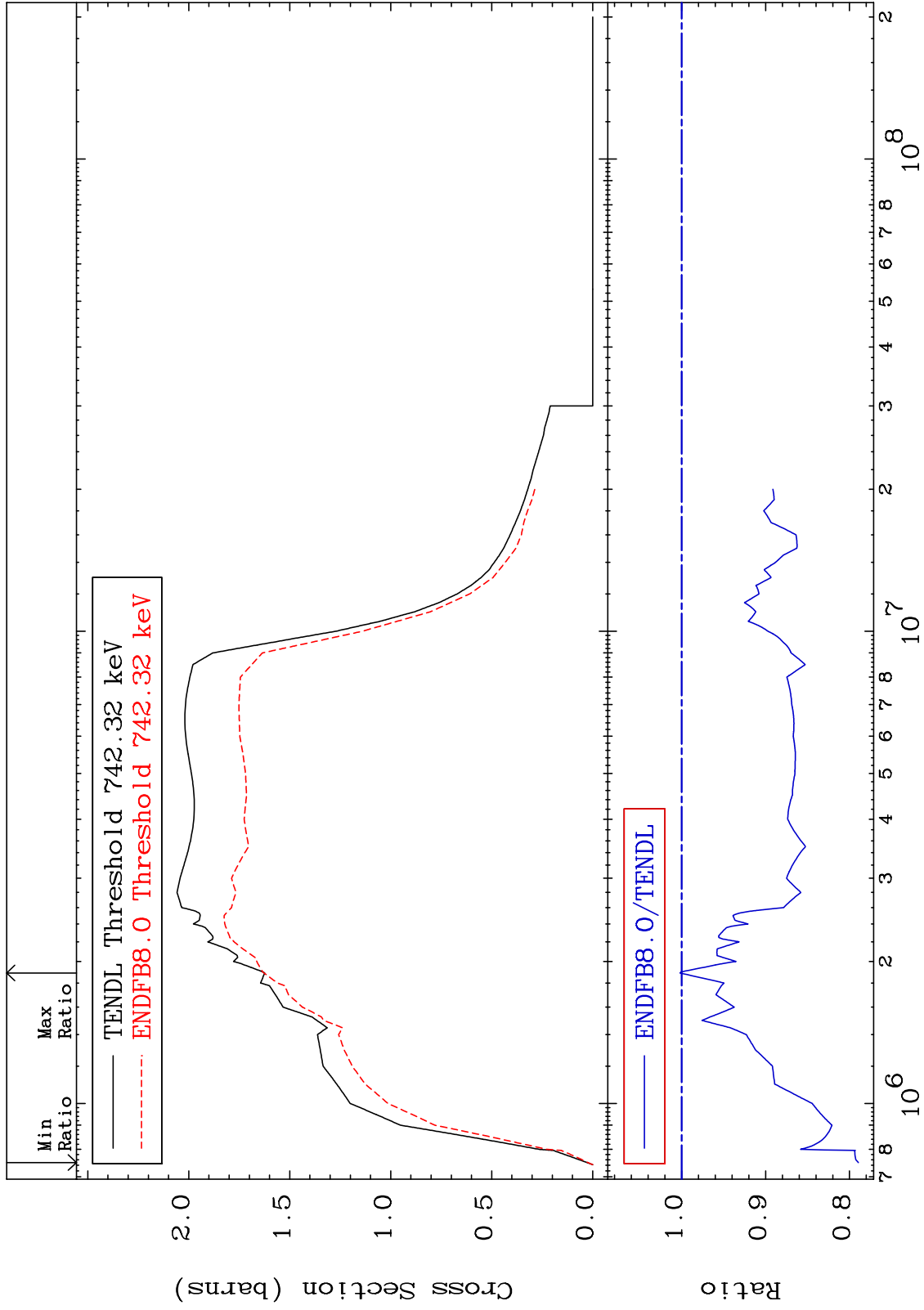
MAT 4243

Inelastic

42-Mo-98

Cross Section

-21.06 To 0.194 %



Incident Energy (eV)

42-Mo-98

3

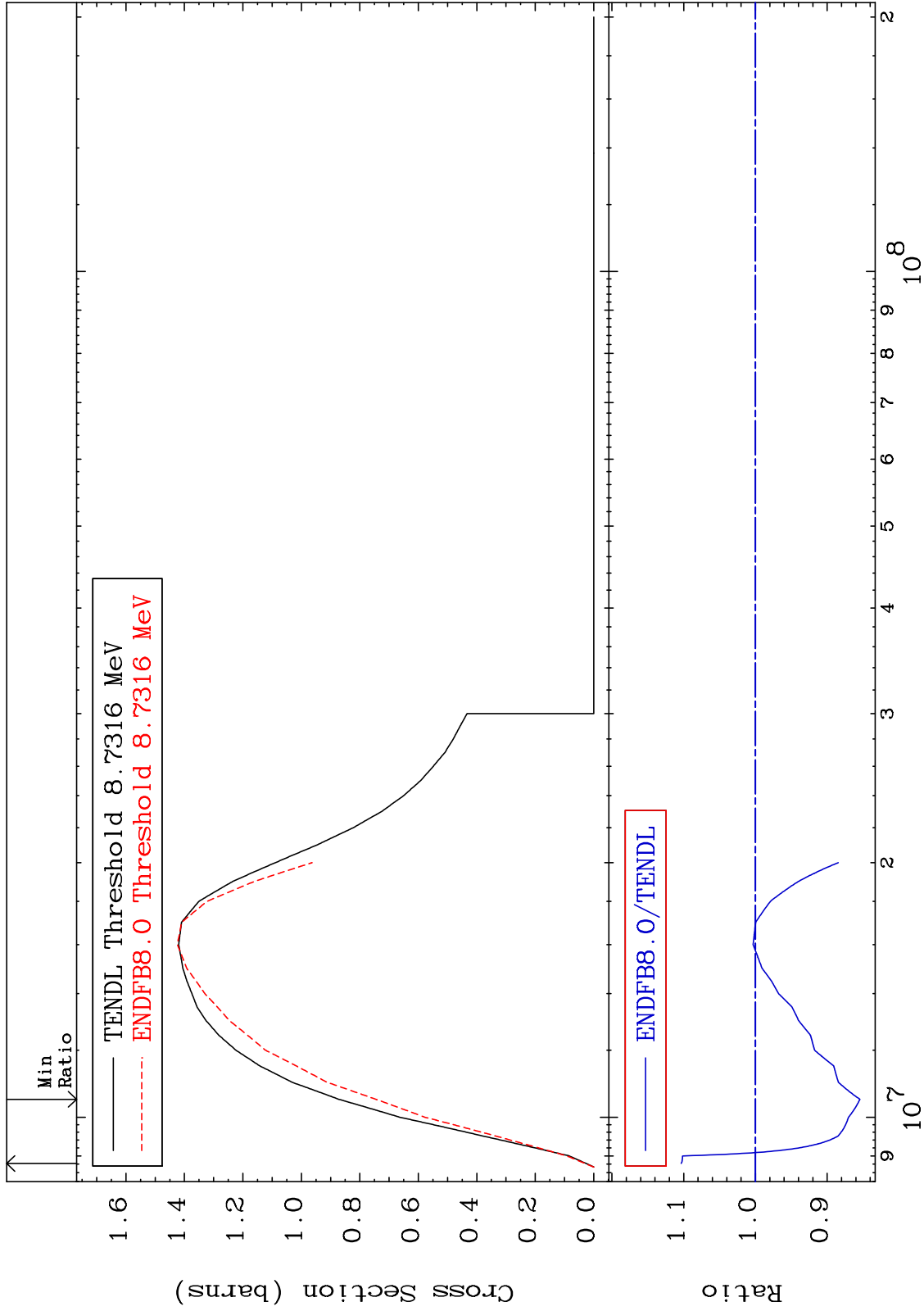
MAT 4243

(n,2n)

42-Mo-98

Cross Section

-14.57 To 10.34 %



4

42-Mo-98

42-Mo-98

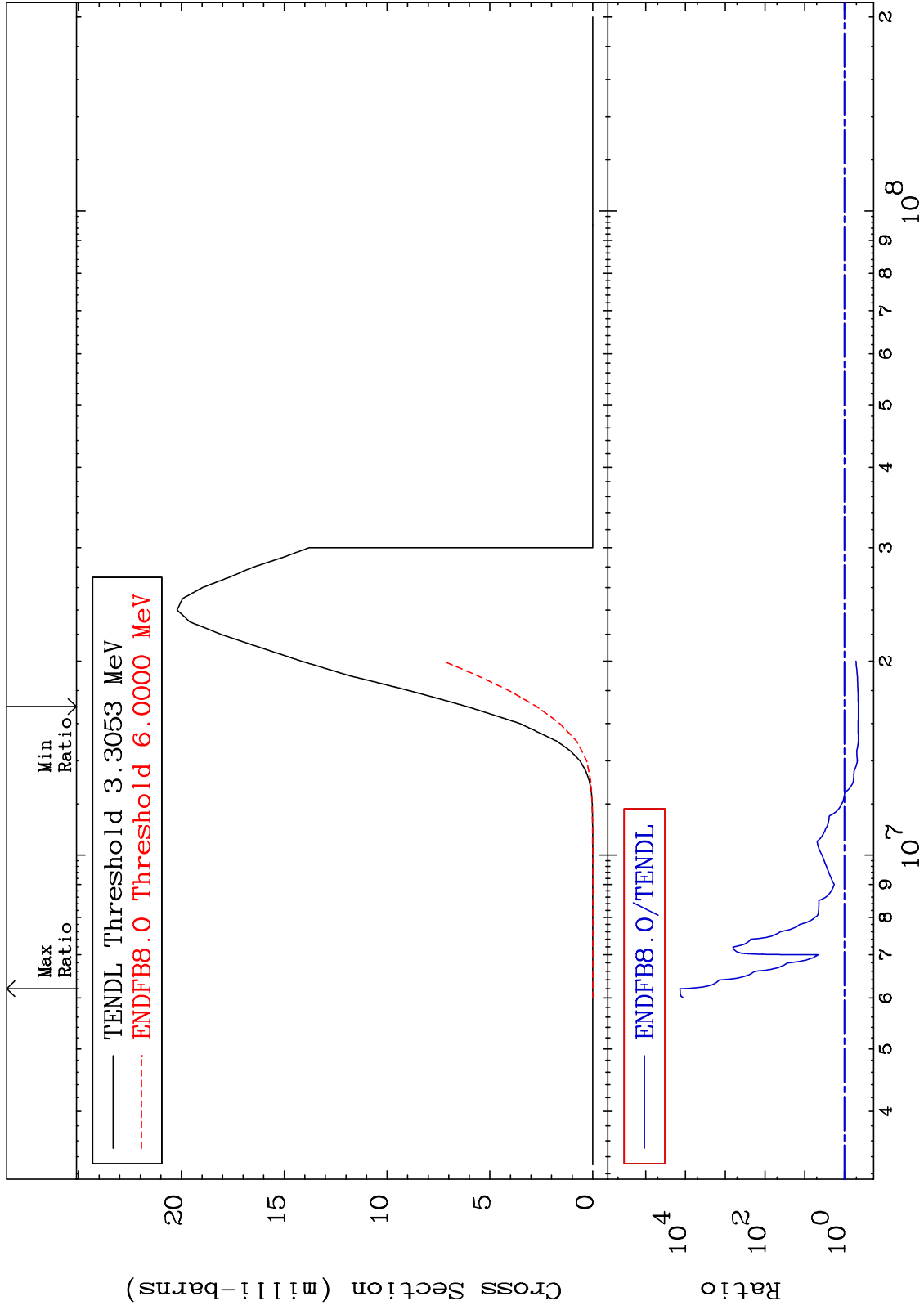
MAT 4243

(n,n') α

42-Mo-98

Cross Section

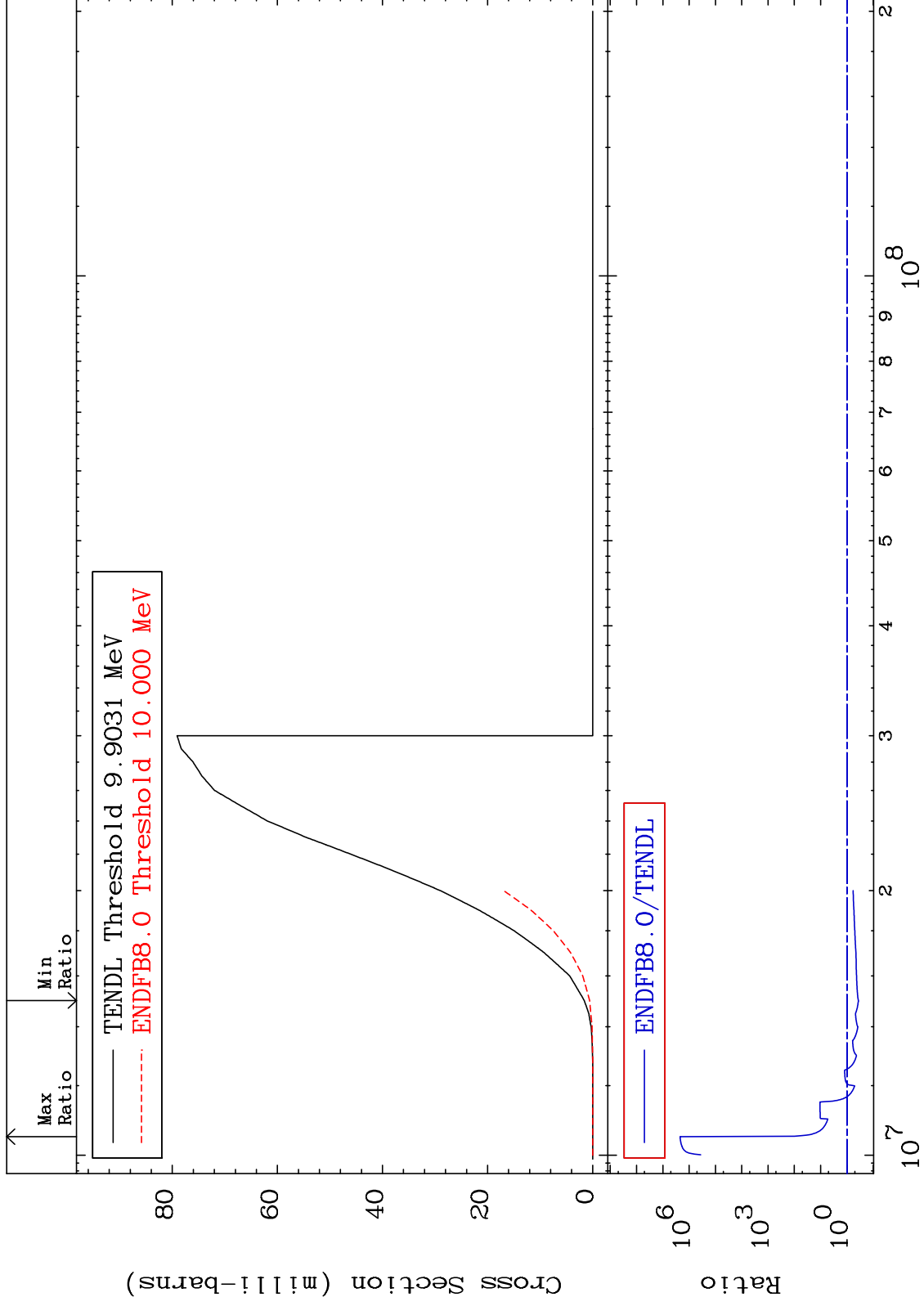
-55.43 To 9999. %



MAT 4243

(n,n') p
Cross Section

42-Mo-98
-63.35 To 9999. %



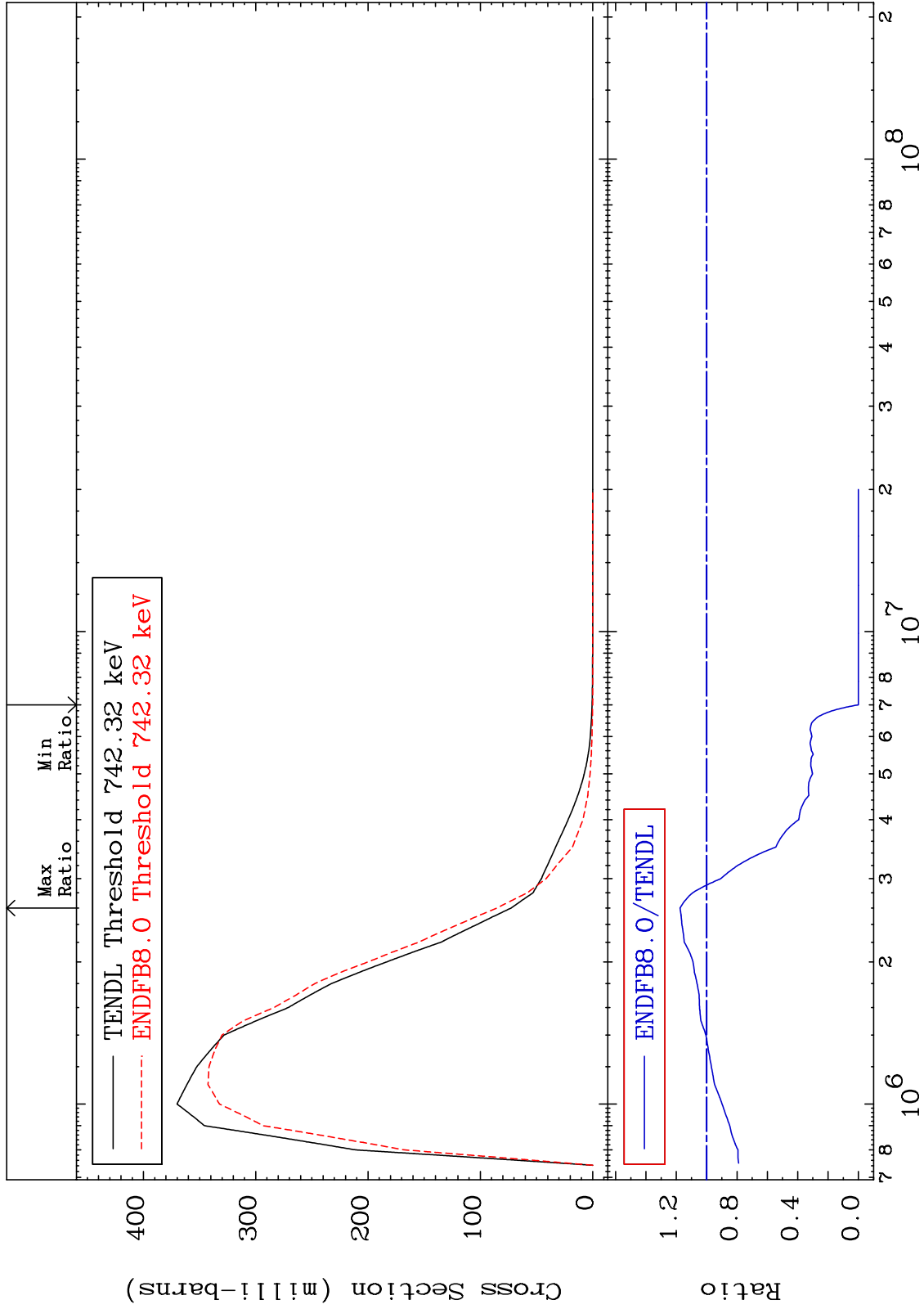
Incident Energy (eV)

42-Mo-98

MAT 4243

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

42-Mo-98
-100.0 To 17.55 %



42-Mo-98

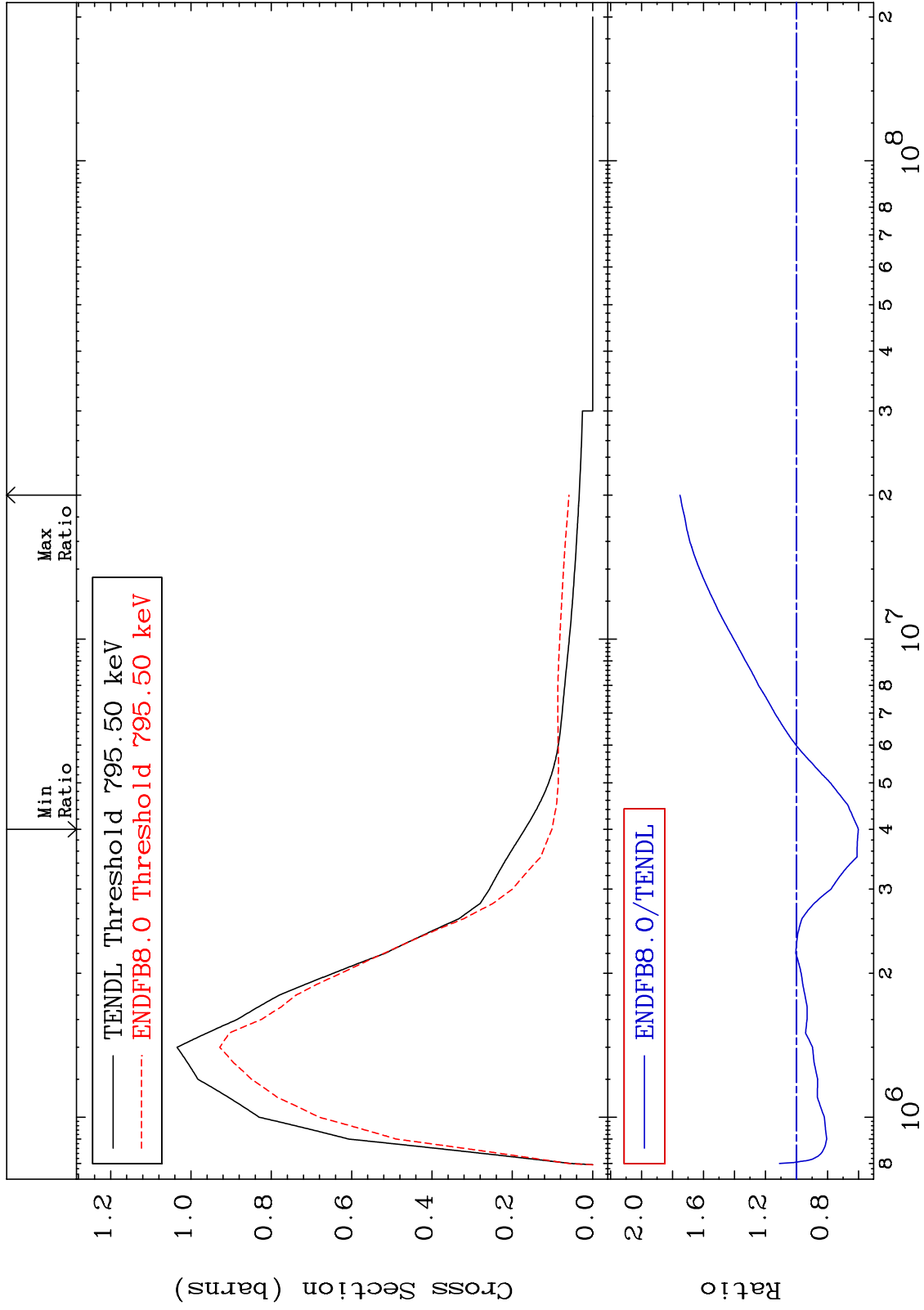
Incident Energy (eV)

8

MAT 4243

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

42-Mo-98
-39.93 To 75.16 %



9

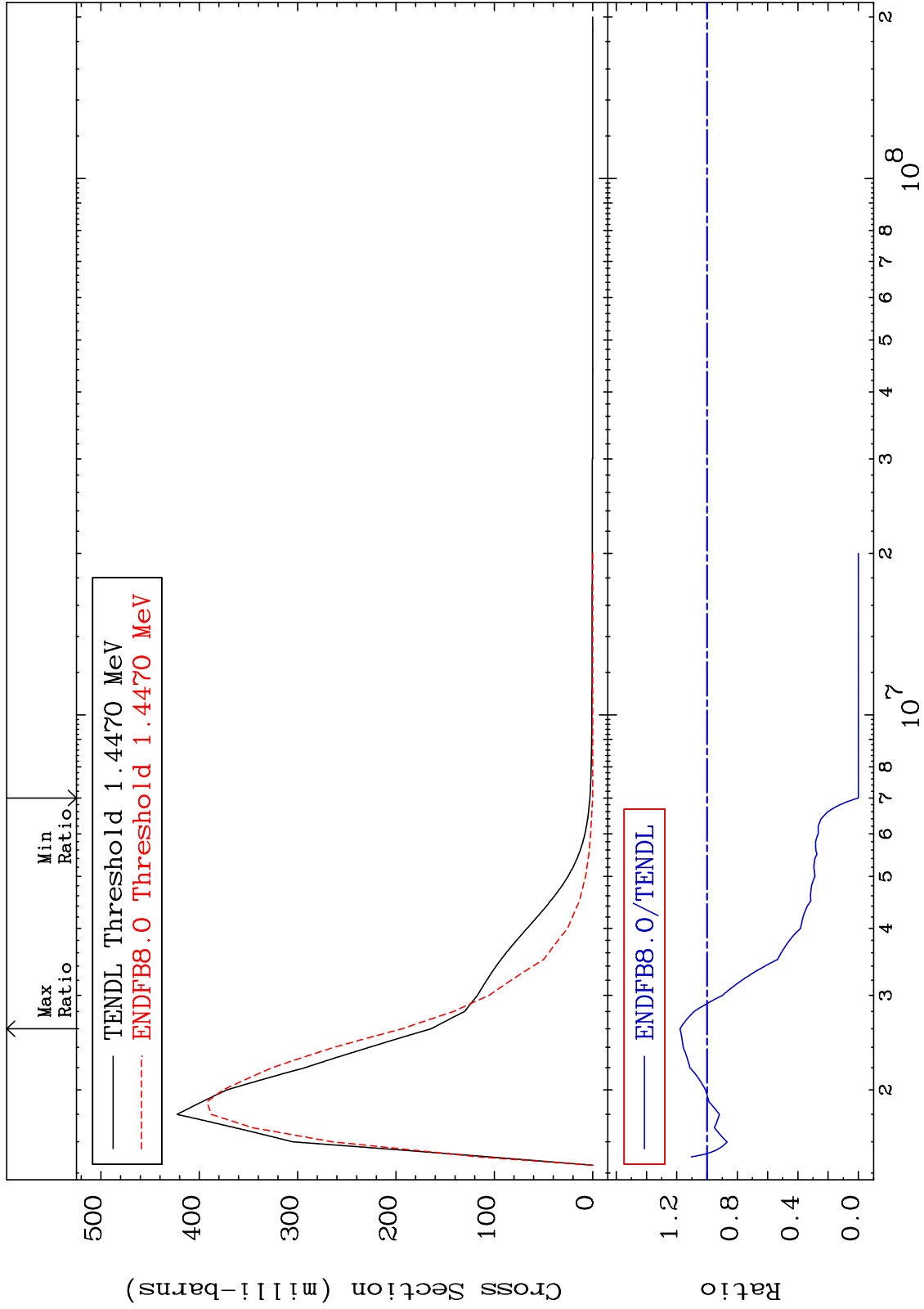
Incident Energy (eV)

42-Mo-98

MAT 4243

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

42-Mo-98
-100.0 To 17.84 %

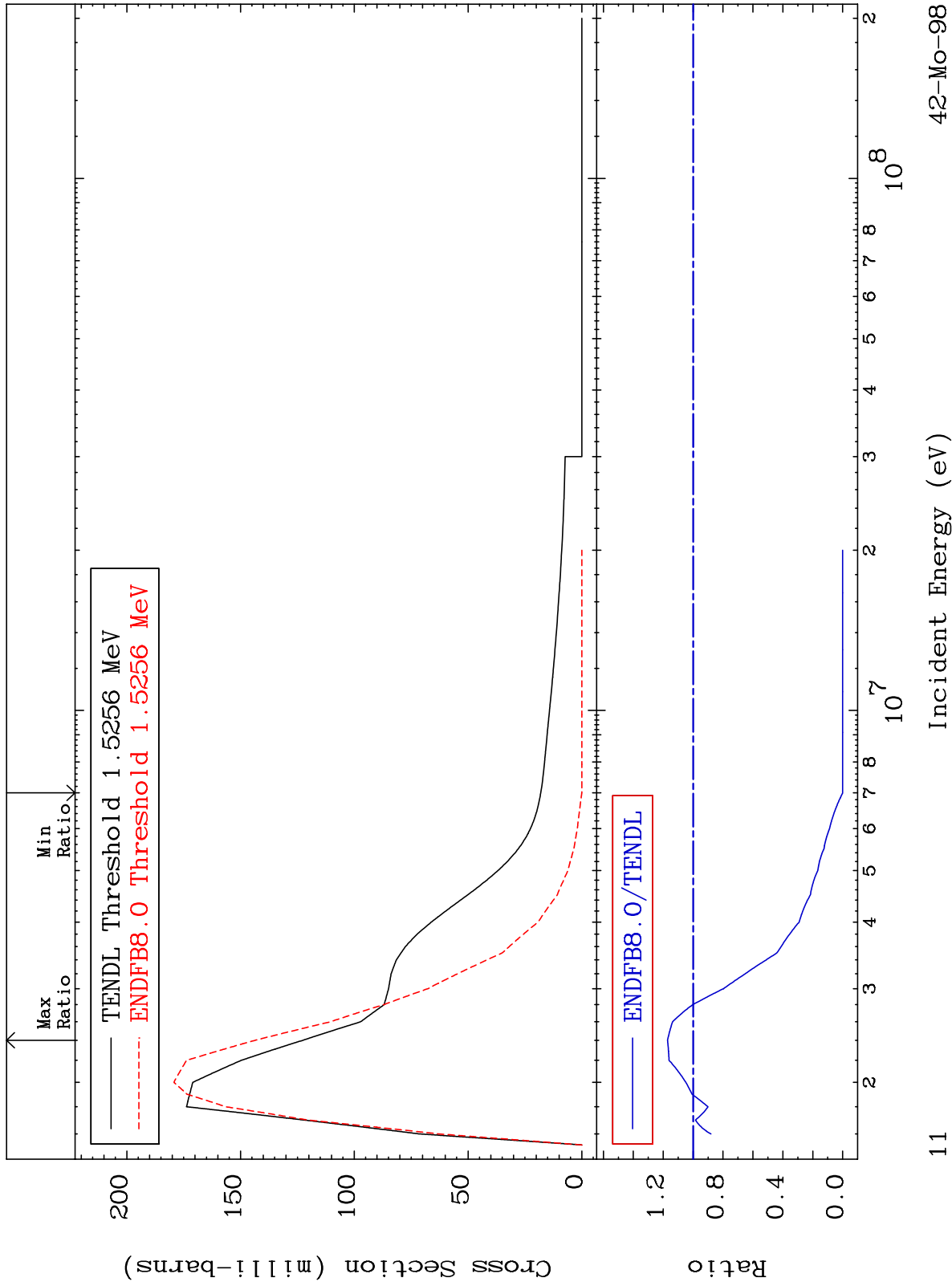


10

Incident Energy (eV)

42-Mo-98

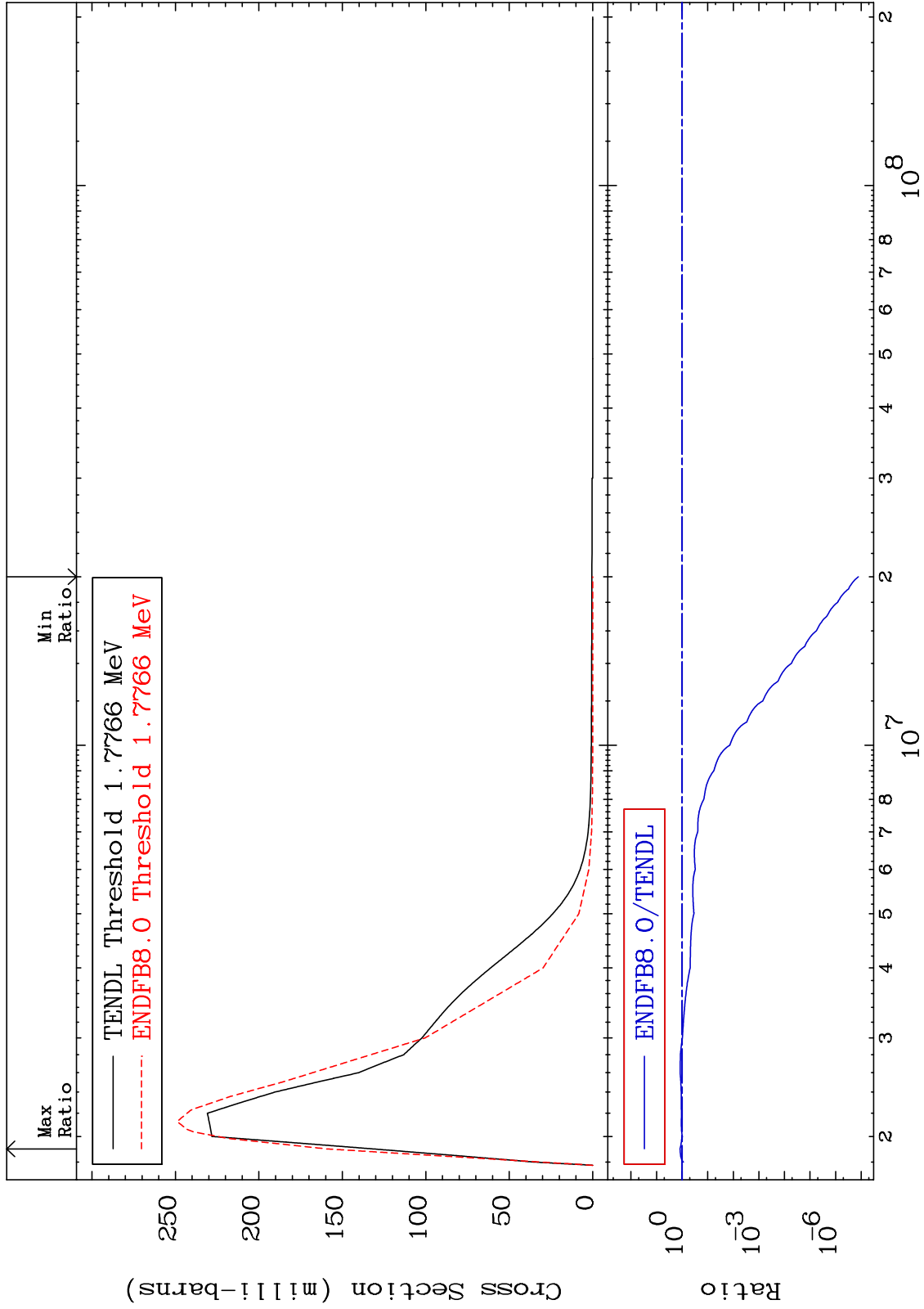
MAT 4243 MT= 54 (n,n') Level
 Cross Section 42-Mo-98
 -100.0 To 17.11 %



MAT 4243

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

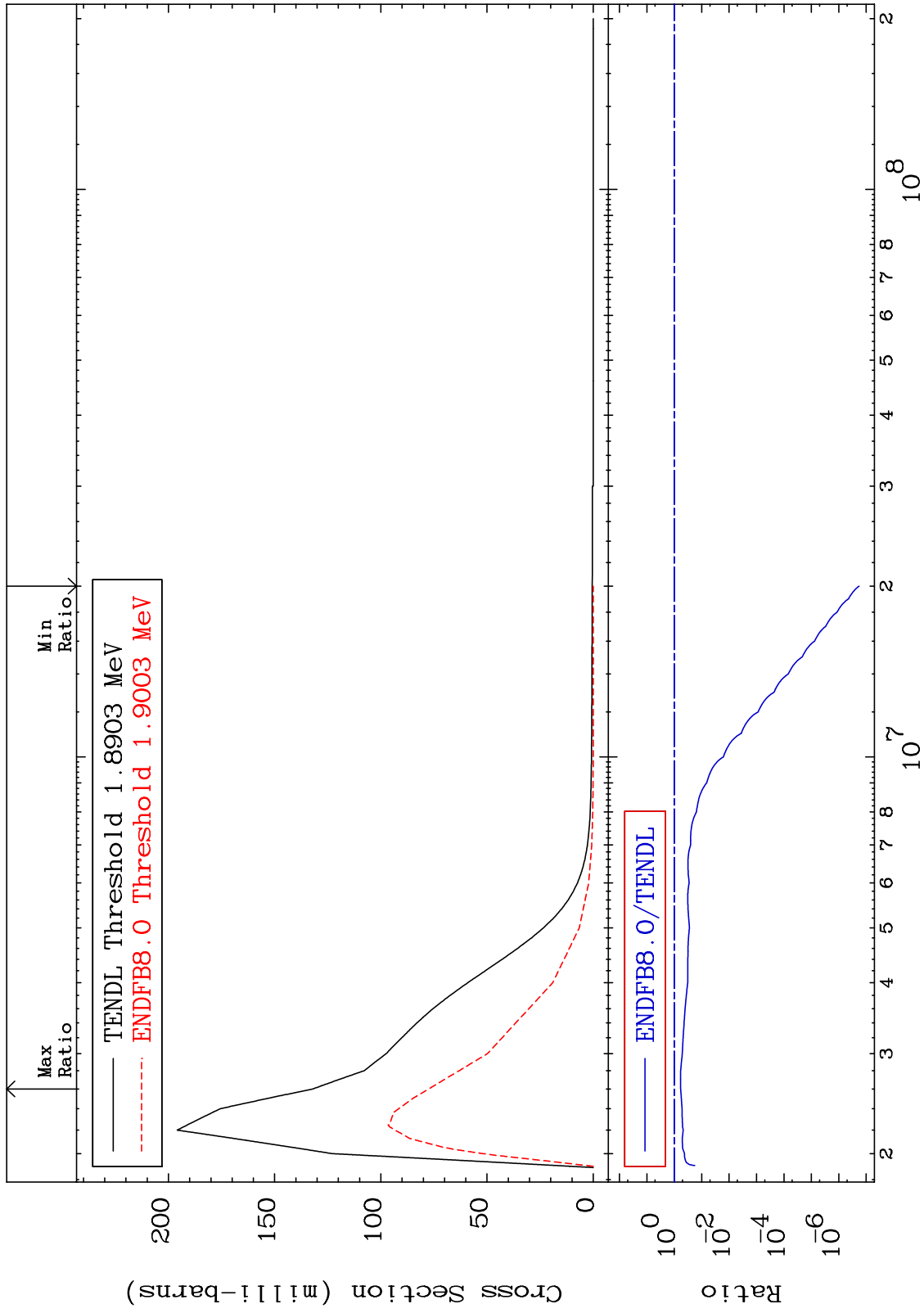
42-Mo-98
-100.0 To 20.97 %



MAT 4243

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

42-Mo-98
-100.0 To -41.30%



13

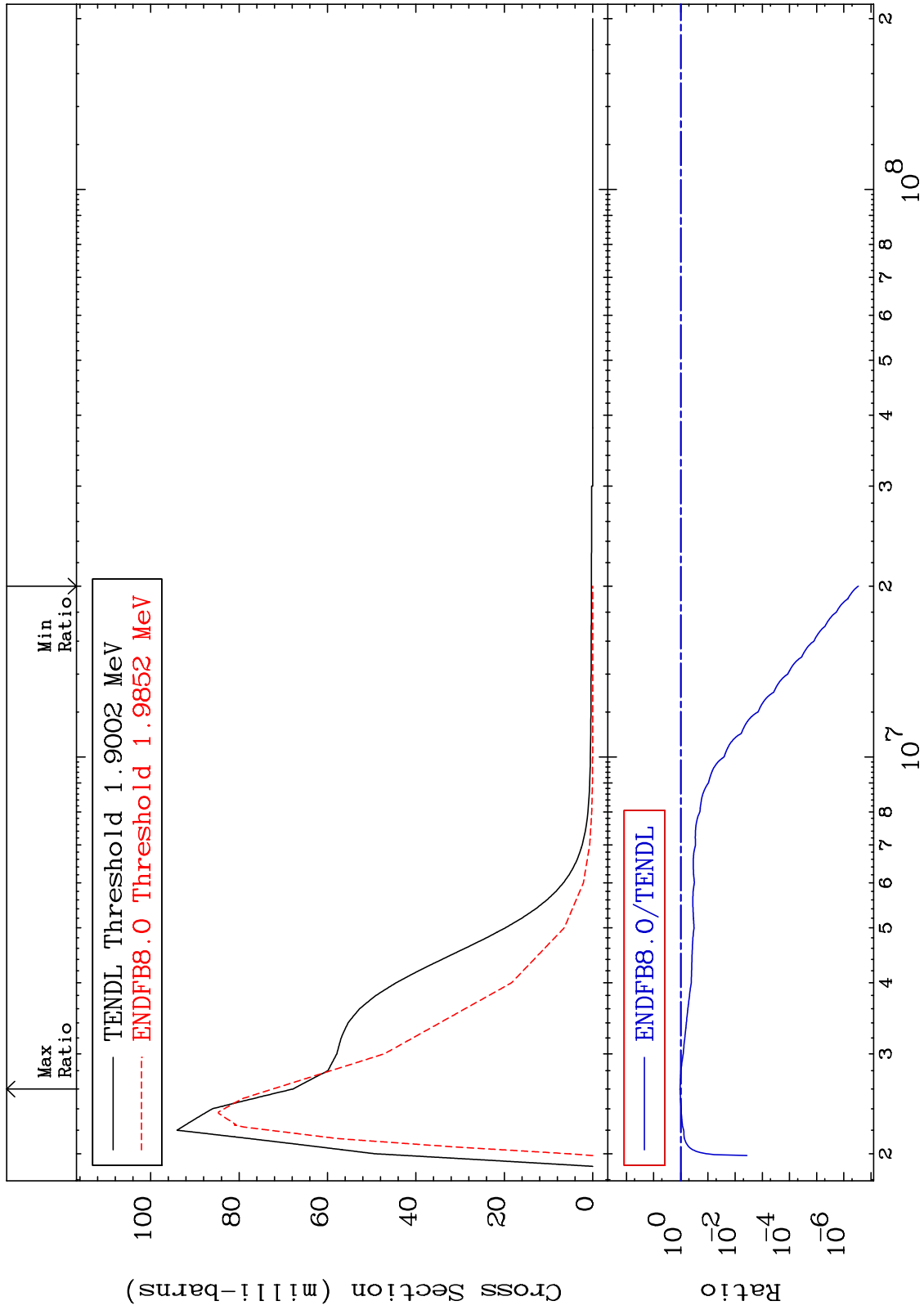
Incident Energy (eV)

42-Mo-98

MAT 4243

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

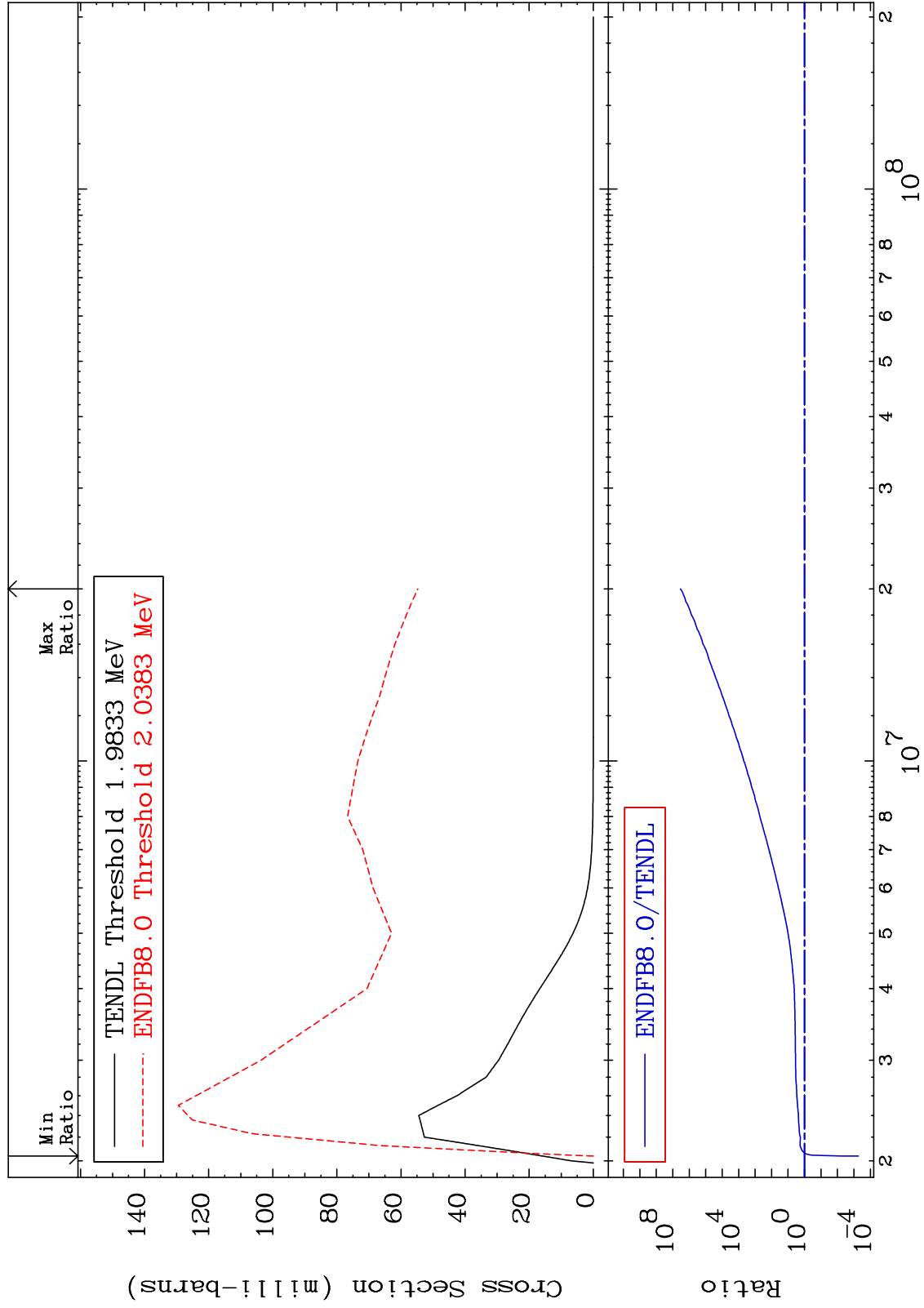
42-Mo-98
-100.0 To 6.747 %



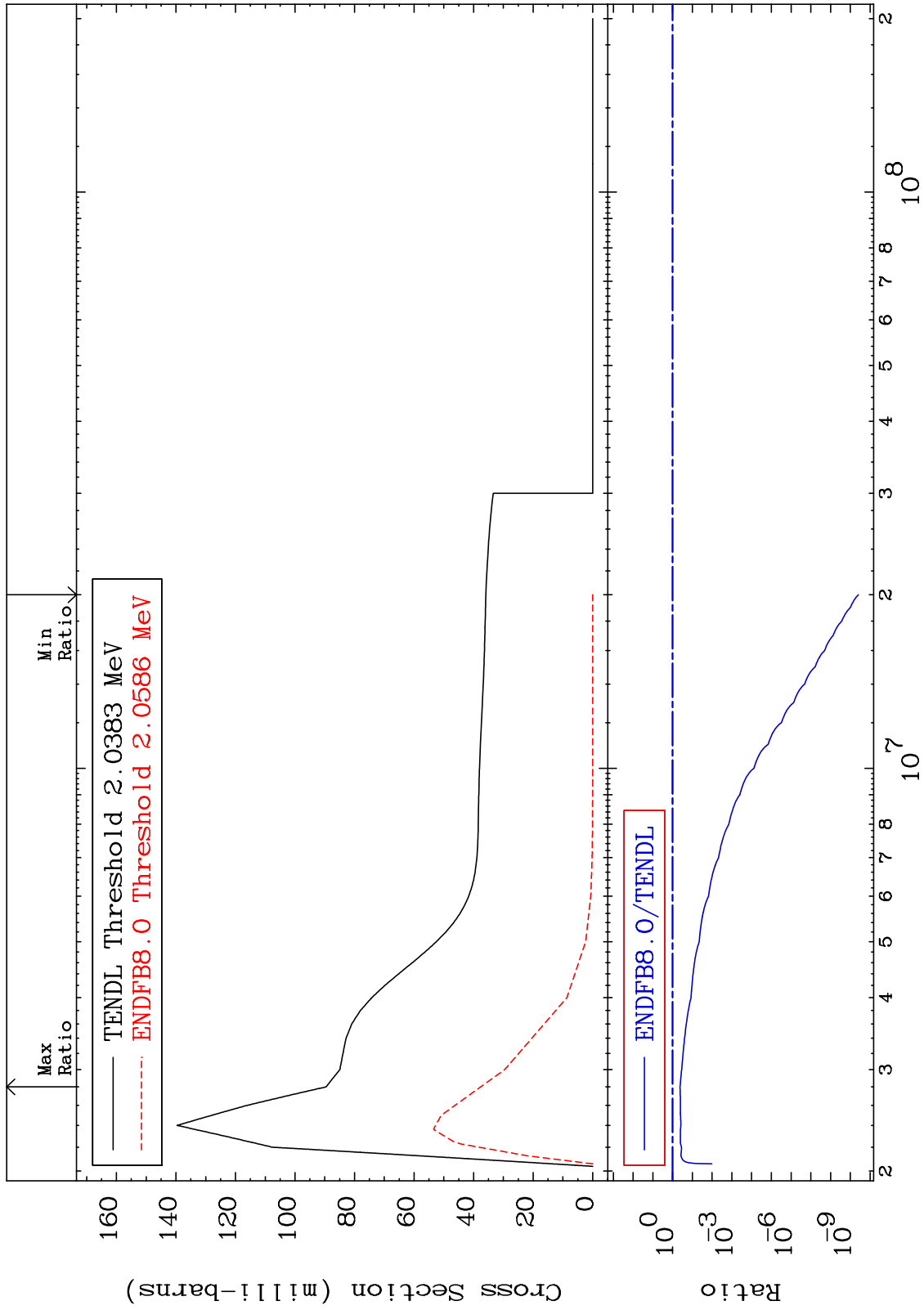
MAT 4243

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

42-Mo-98
-99.95 To 9999. %



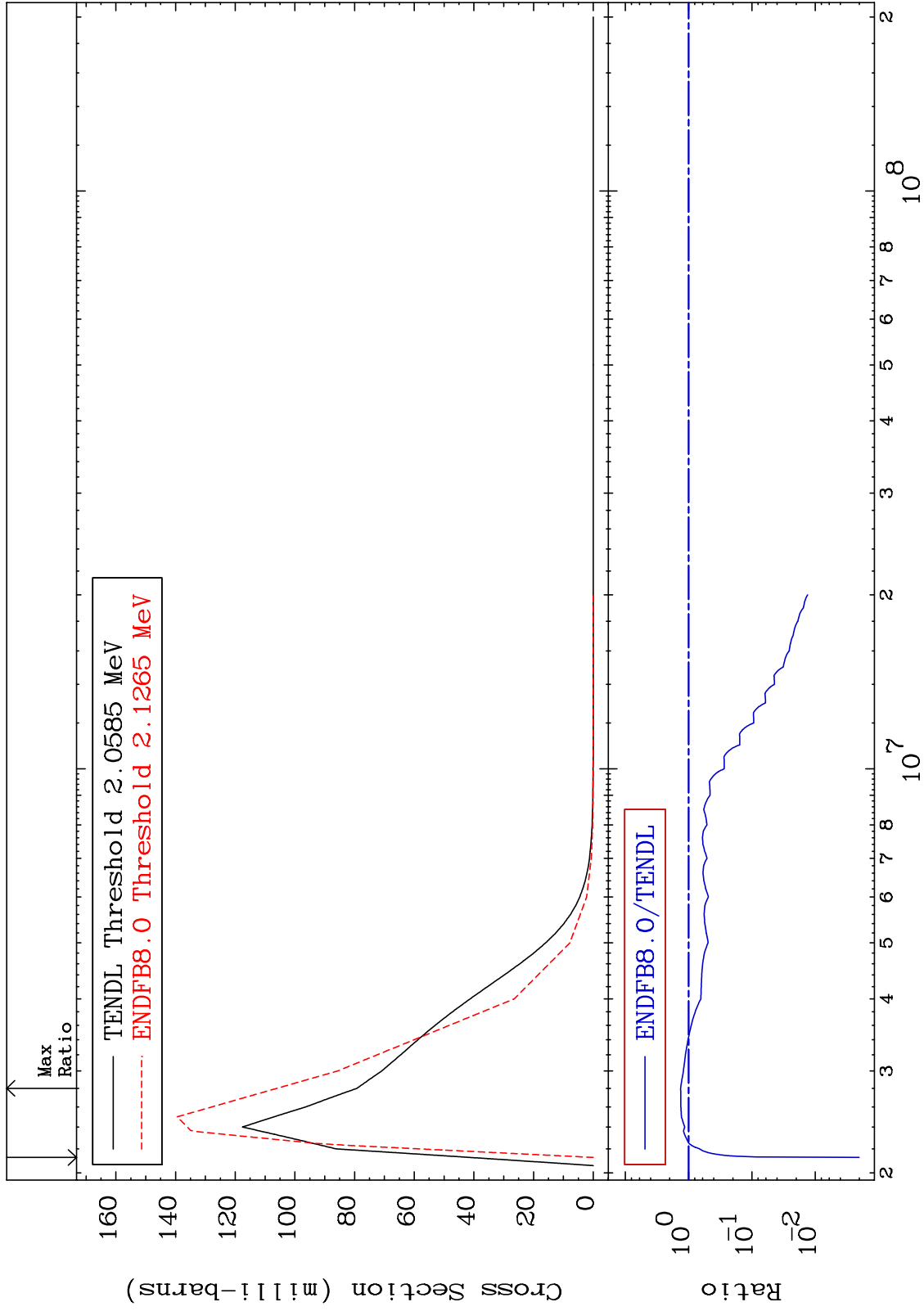
MAT 4243 MT= 59 (n, n') Level Cross Section 42-Mo-98
 -100.0 To -58.00%



MAT 4243

MT= 60 (n,n') Level
Cross Section

42-Mo-98
-99.80 To 33.91 %



17

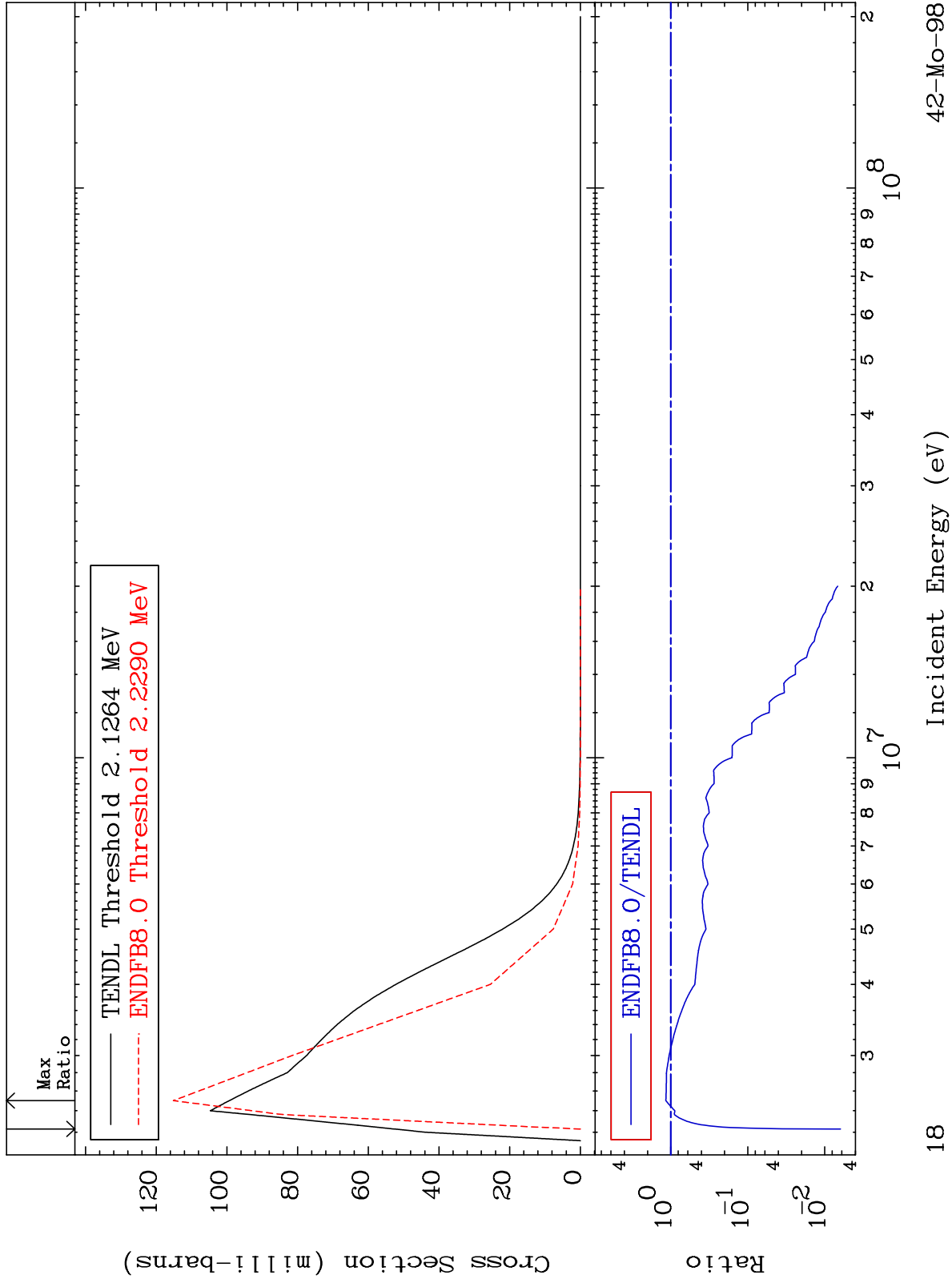
Incident Energy (eV)

42-Mo-98

MAT 4243

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

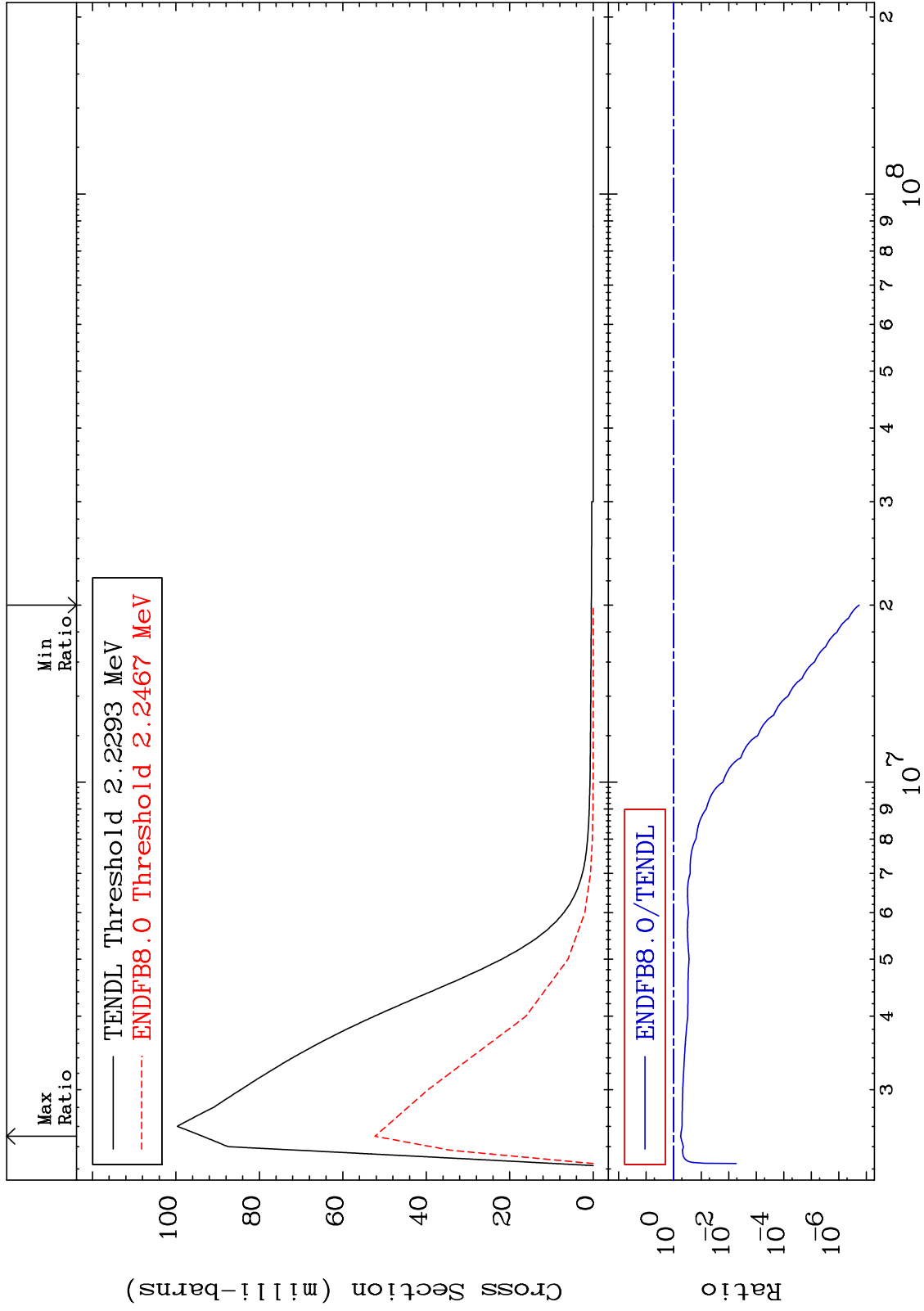
42-Mo-98
-99.38 To 15.95 %



MAT 4243

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

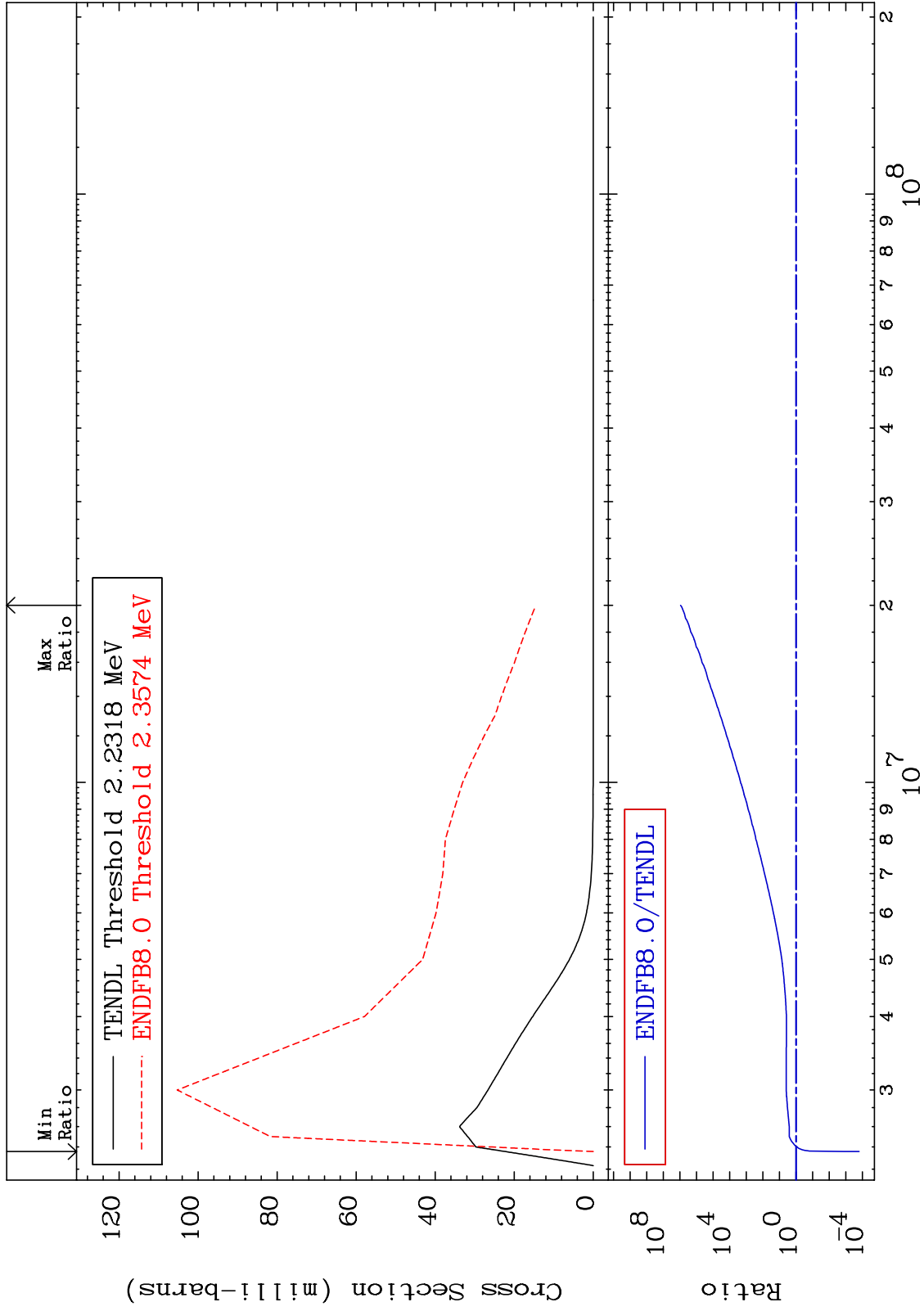
42-Mo-98
-100.0 To -44.11%



MAT 4243

MT= 63 (n,n') Level
Cross Section

42-Mo-98
-99.98 To 9999. %



20

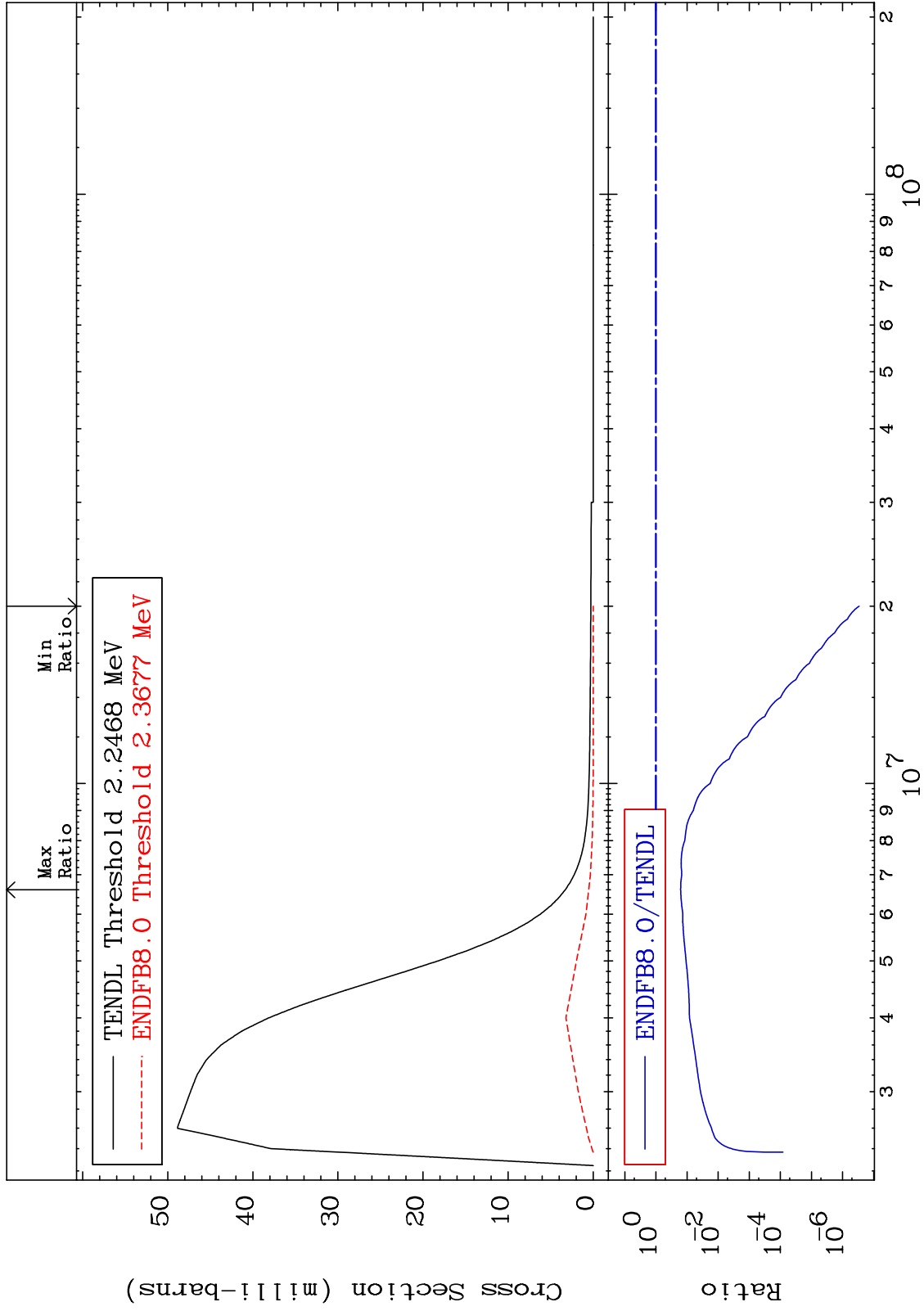
Incident Energy (eV)

42-Mo-98

MAT 4243

MT= 64 (n,n') Level
Cross Section

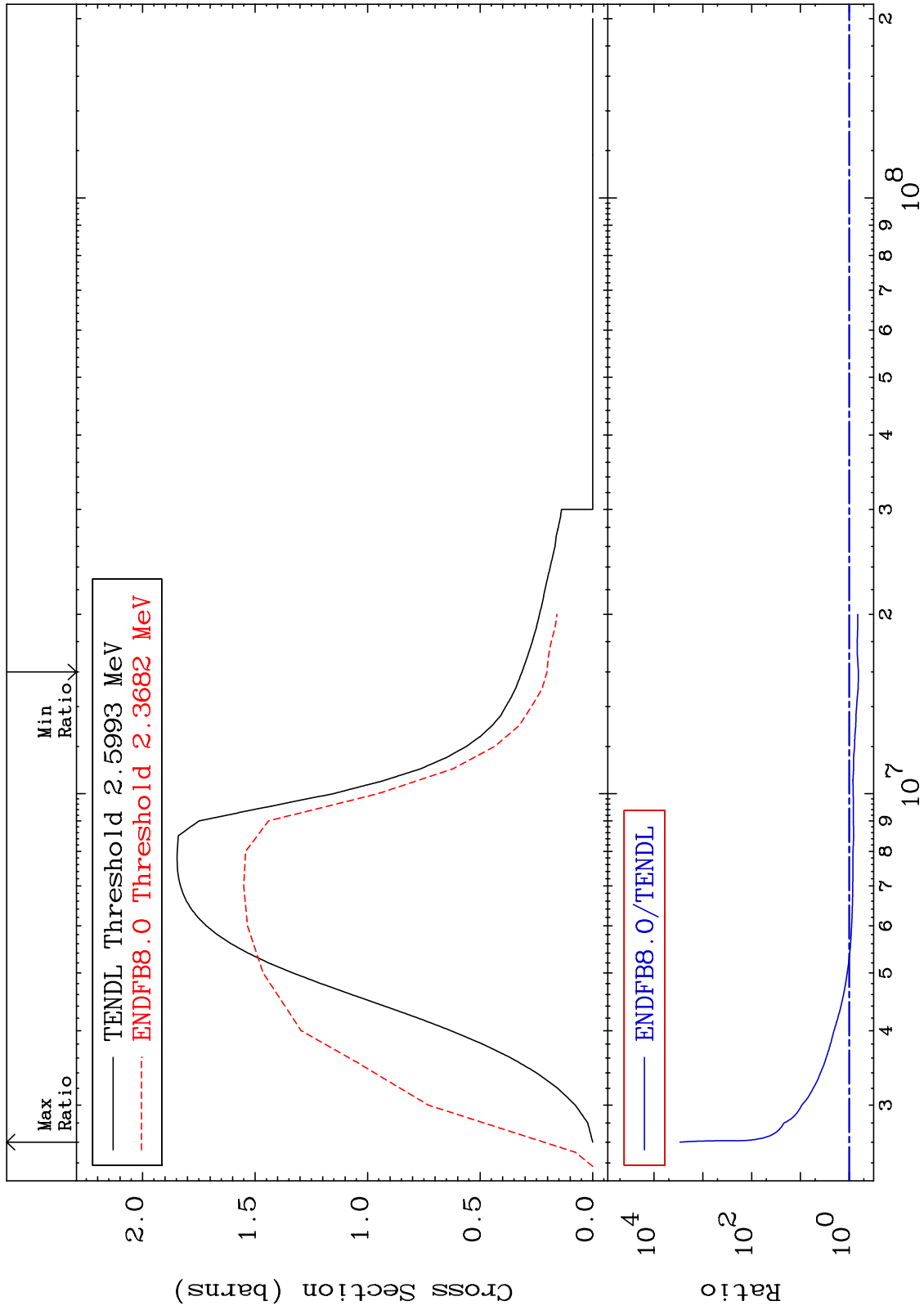
42-Mo-98
-100.0 To -83.86%



MAT 4243

(n, n') Continuum
Cross Section

42-Mo-98
-35.24 To 9999. %



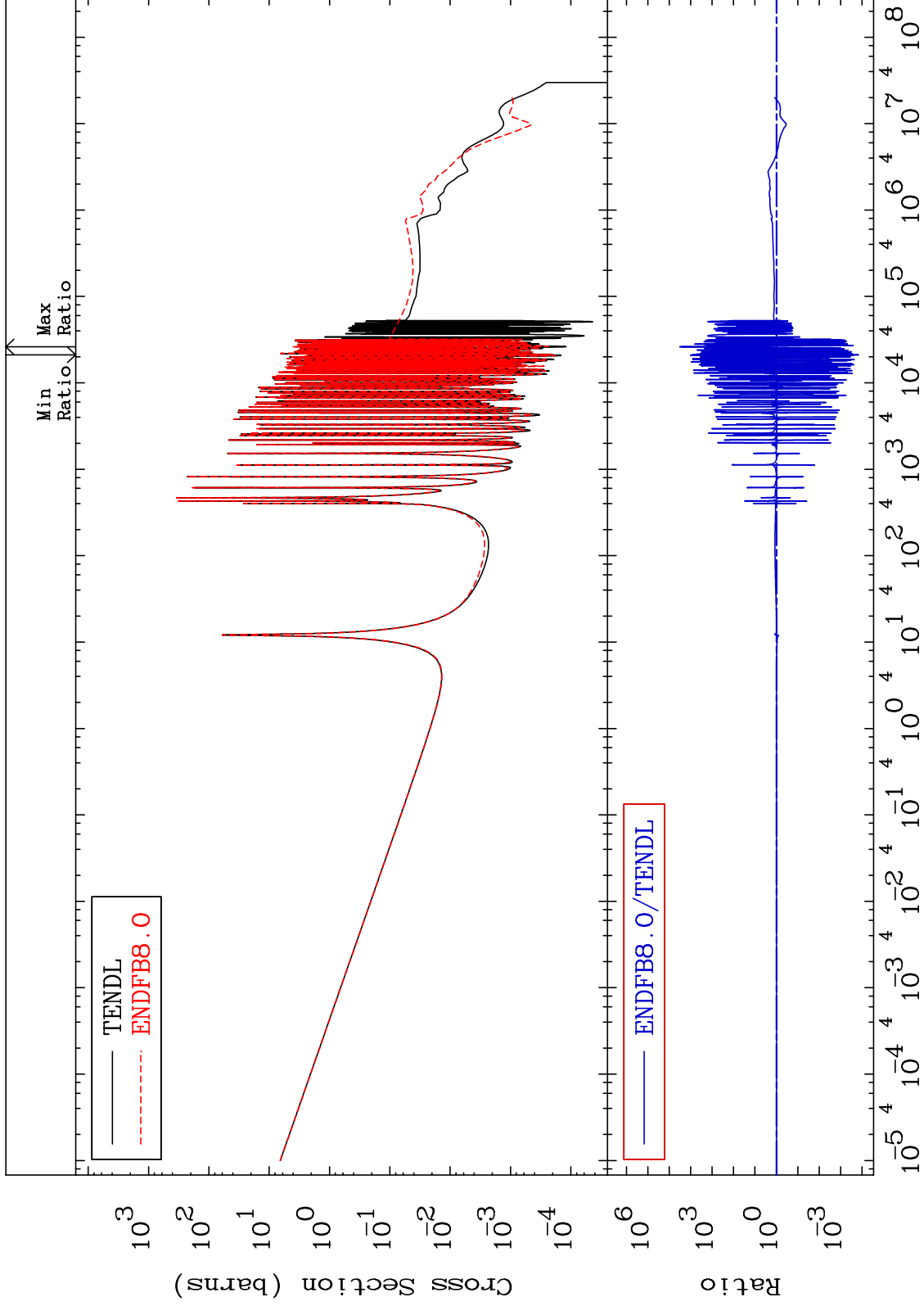
MAT 4243

(n, γ)

42-Mo-98

Cross Section

-99.99 To 9999. %



23

Incident Energy (eV)

42-Mo-98

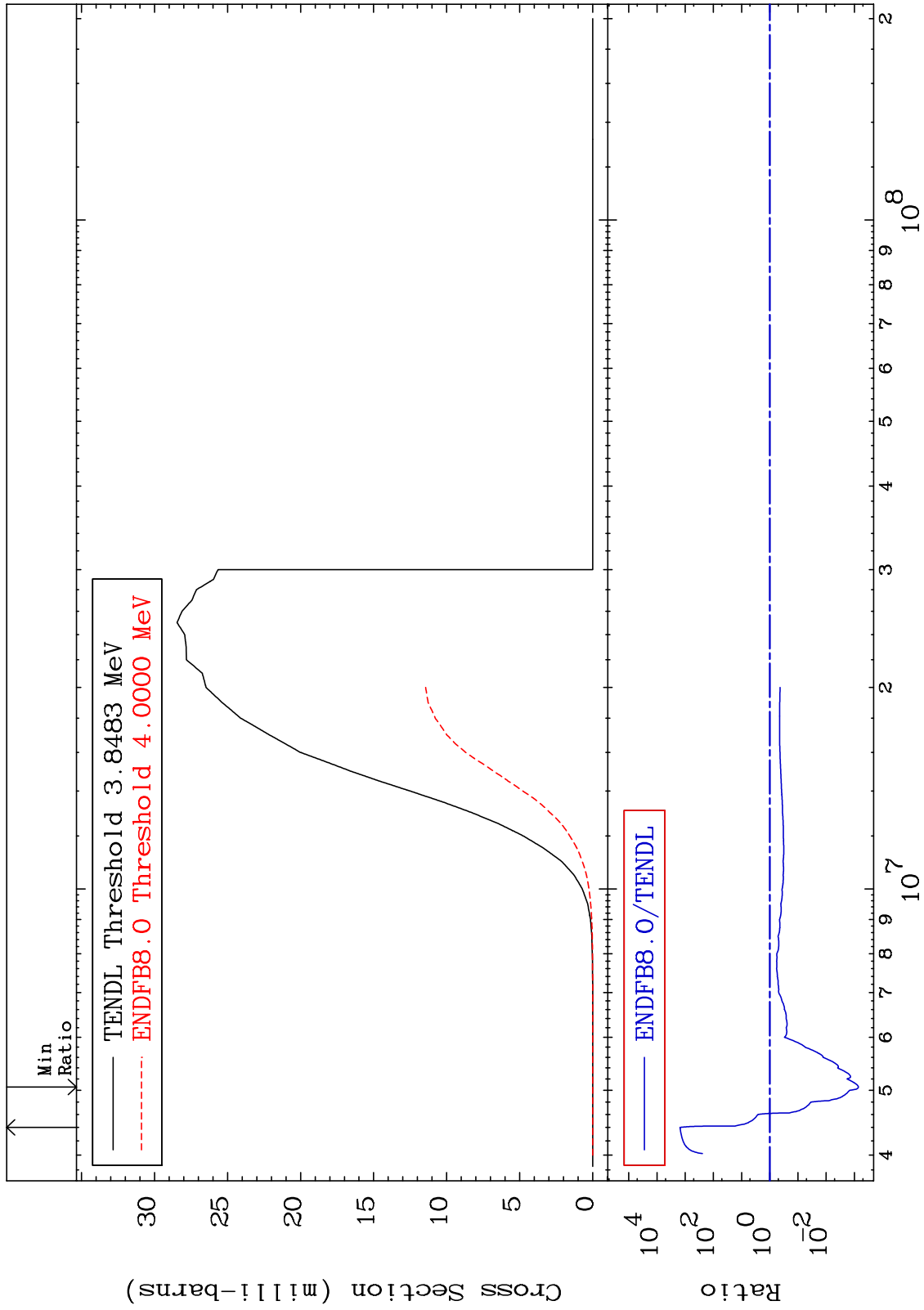
MAT 4243

(n,p)

42-Mo-98

Cross Section

-99.93 To 9999. %



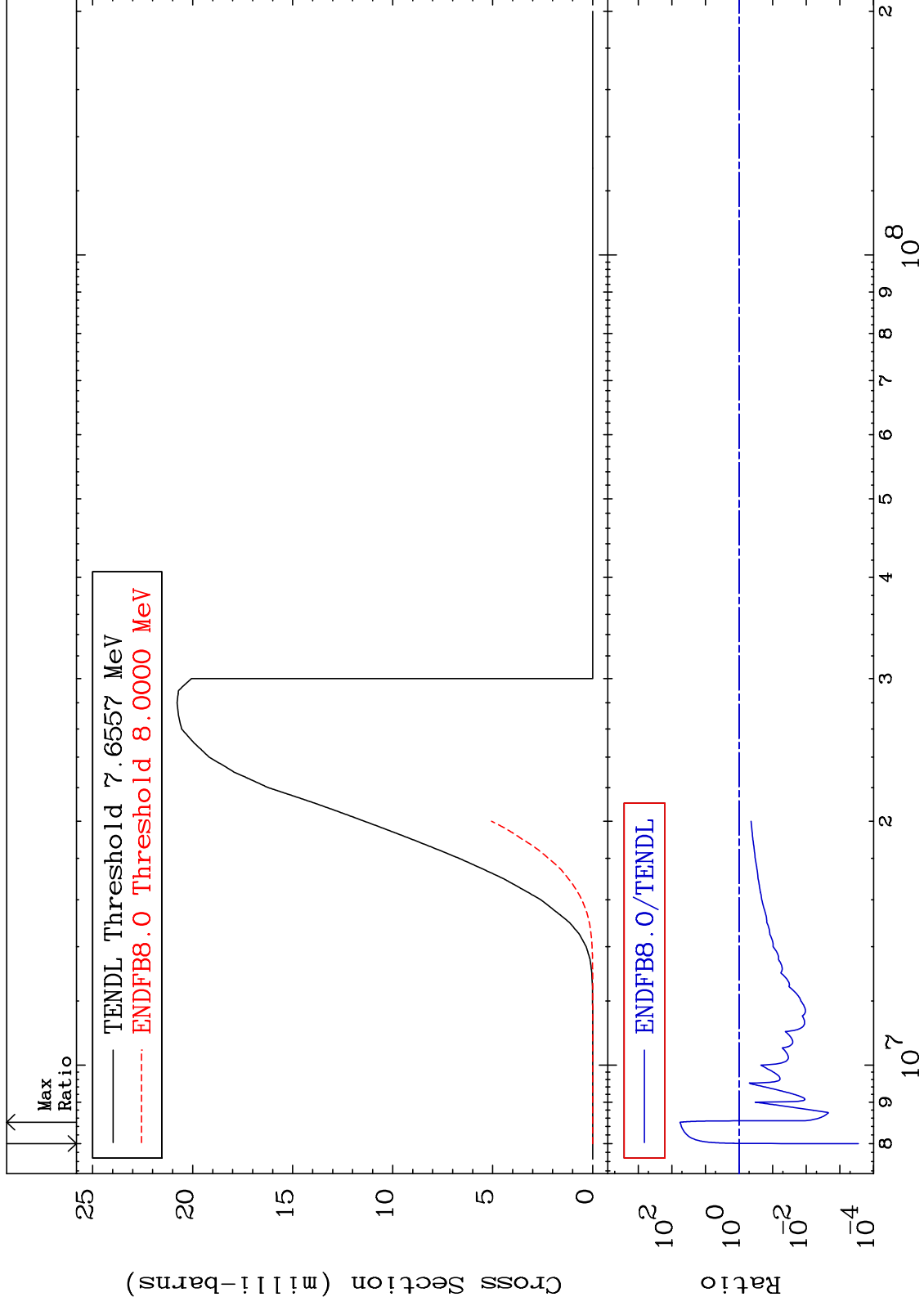
MAT 4243

(n,d)

Cross Section

42-Mo-98

-99.97 To 5627. %



25

Incident Energy (eV)

42-Mo-98

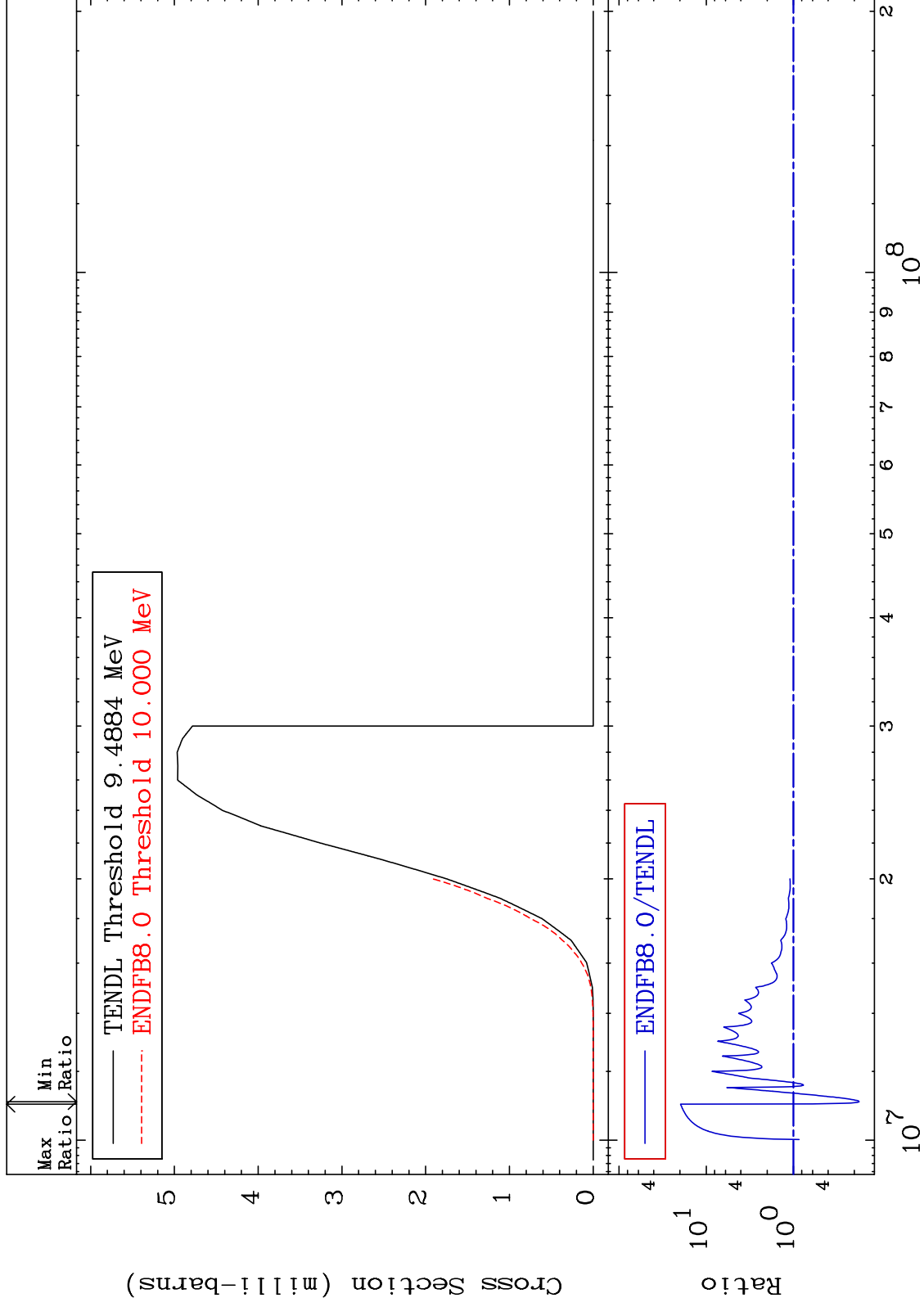
MAT 4243

(n, t)

42-Mo-98

Cross Section

-82.43 To 1866. %



26

Incident Energy (eV)

42-Mo-98

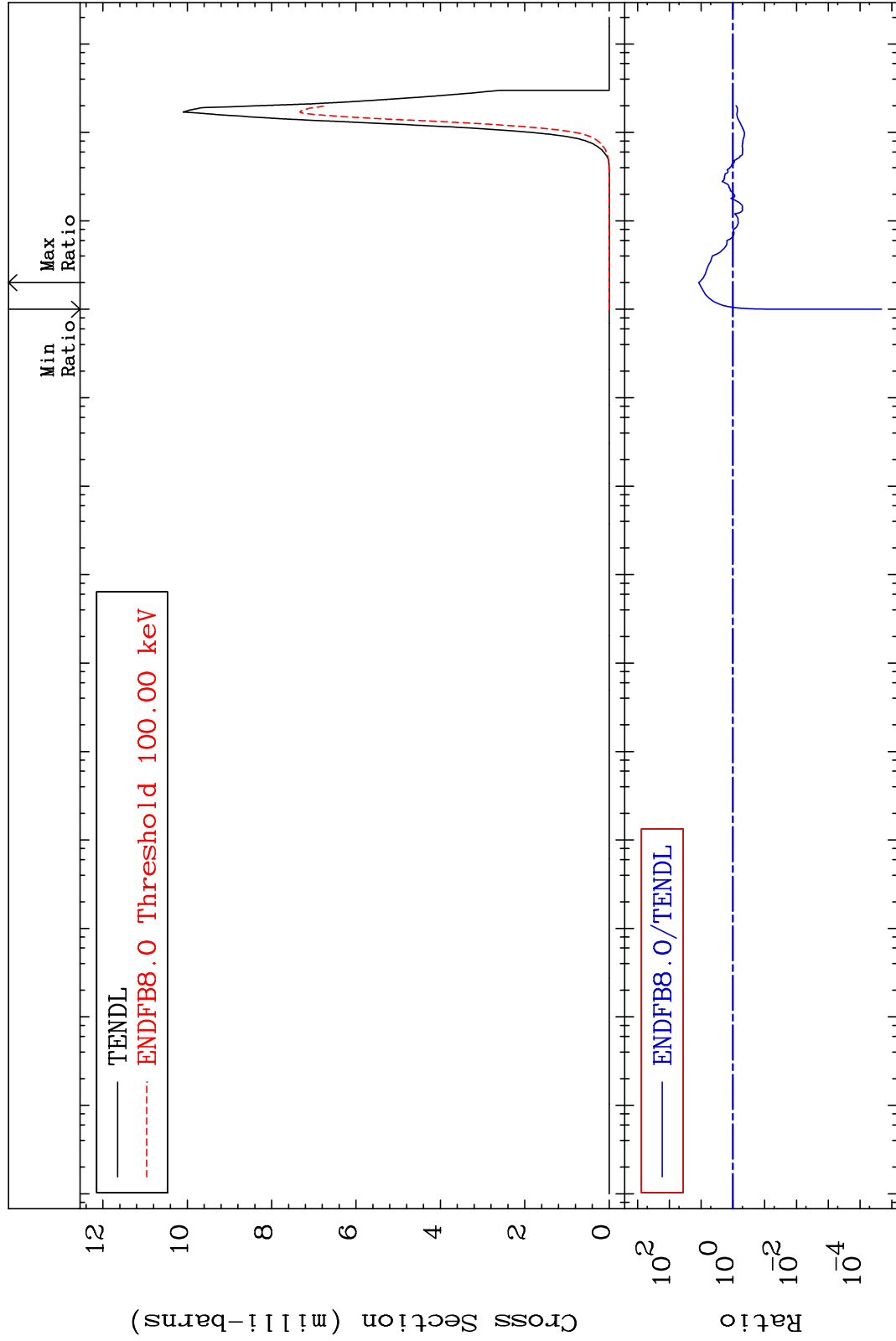
MAT 4243

(n, α)

42-Mo-98

Cross Section

-100.0 To 1098. %



27

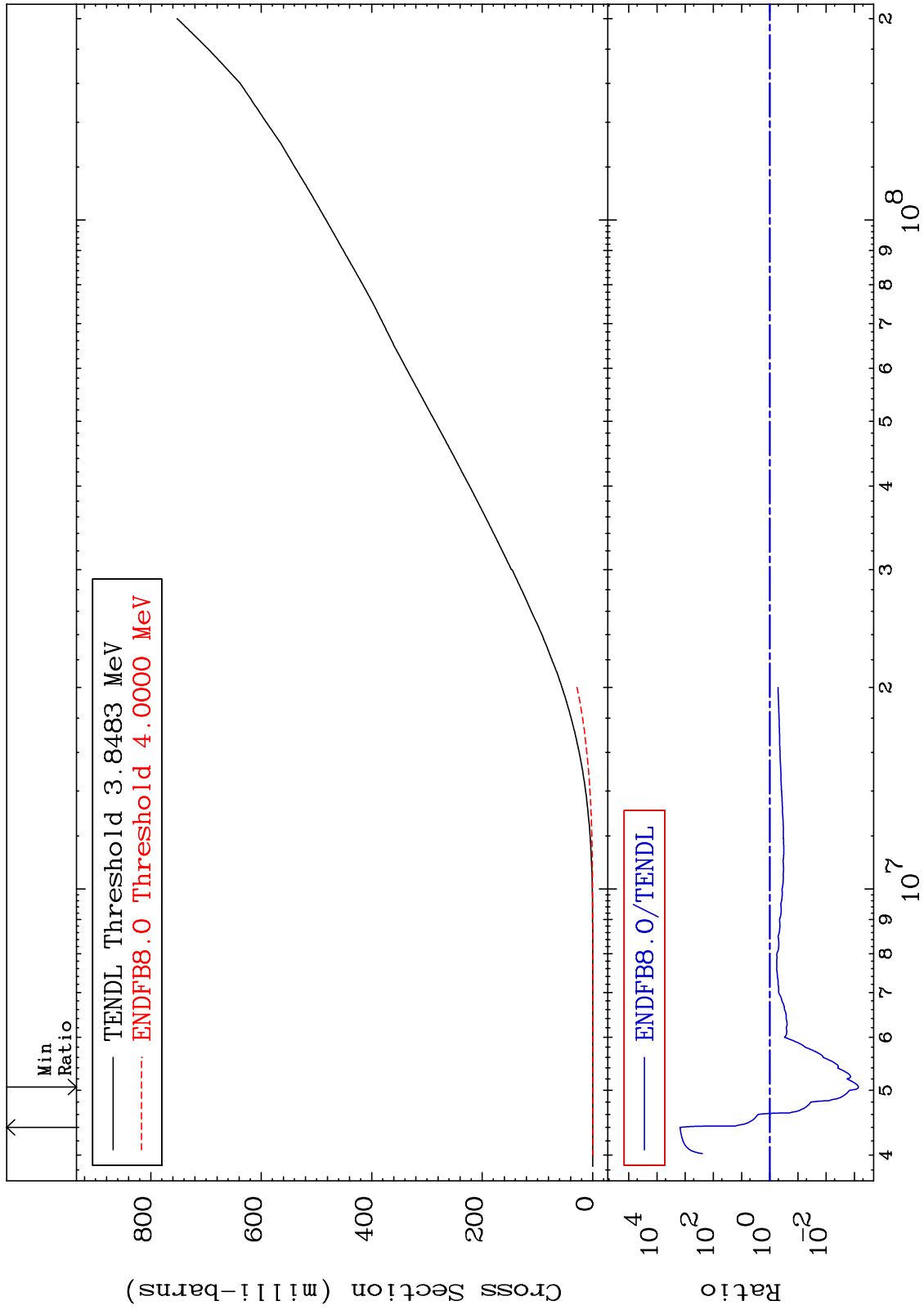
Incident Energy (eV)

42-Mo-98

MAT 4243

Hydrogen Production
Cross Section

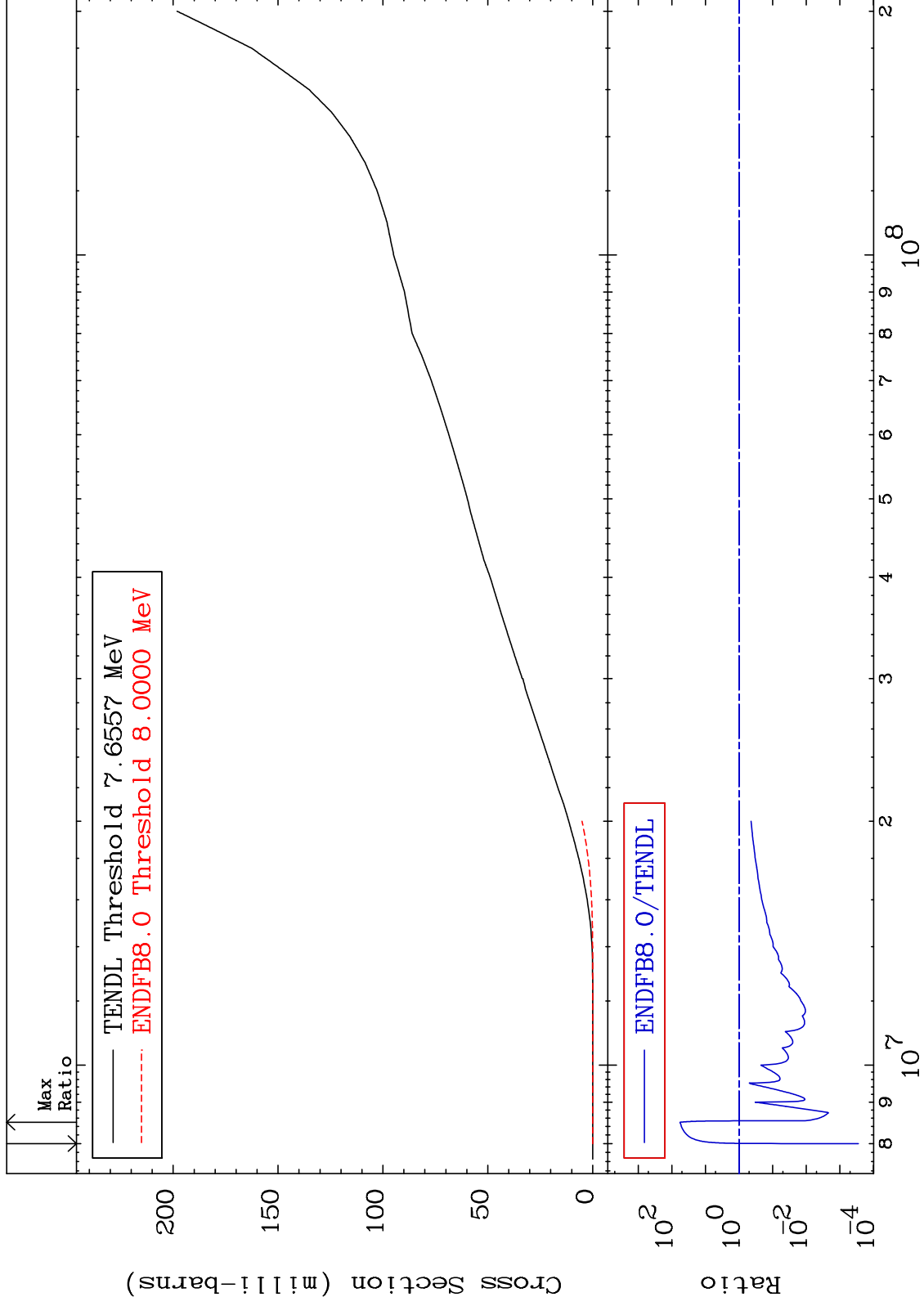
42-Mo-98
-99.93 To 9999. %



MAT 4243

Deuterium Production
Cross Section

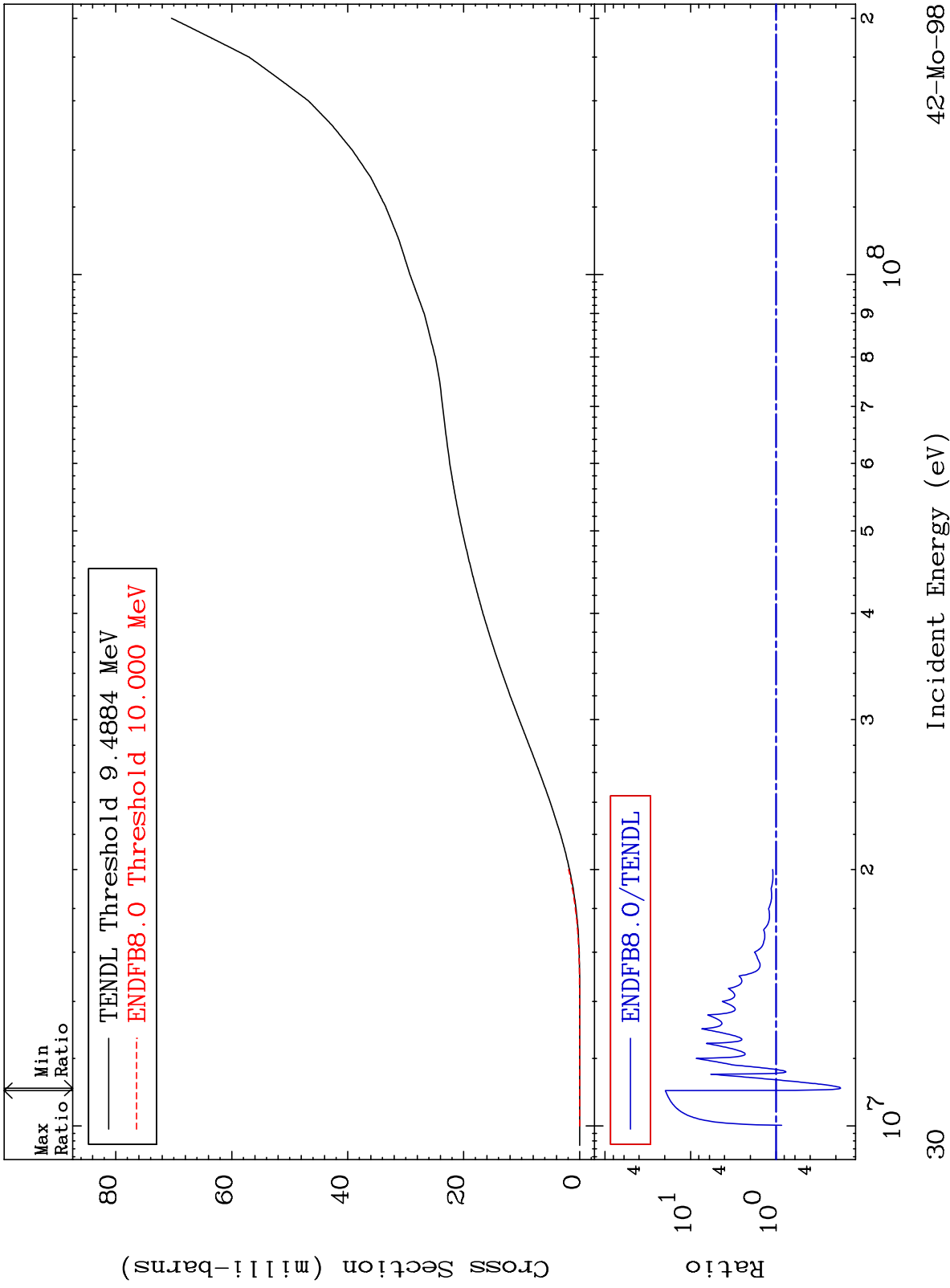
42-Mo-98
-99.97 To 5627. %



MAT 4243

Tritium Production
Cross Section

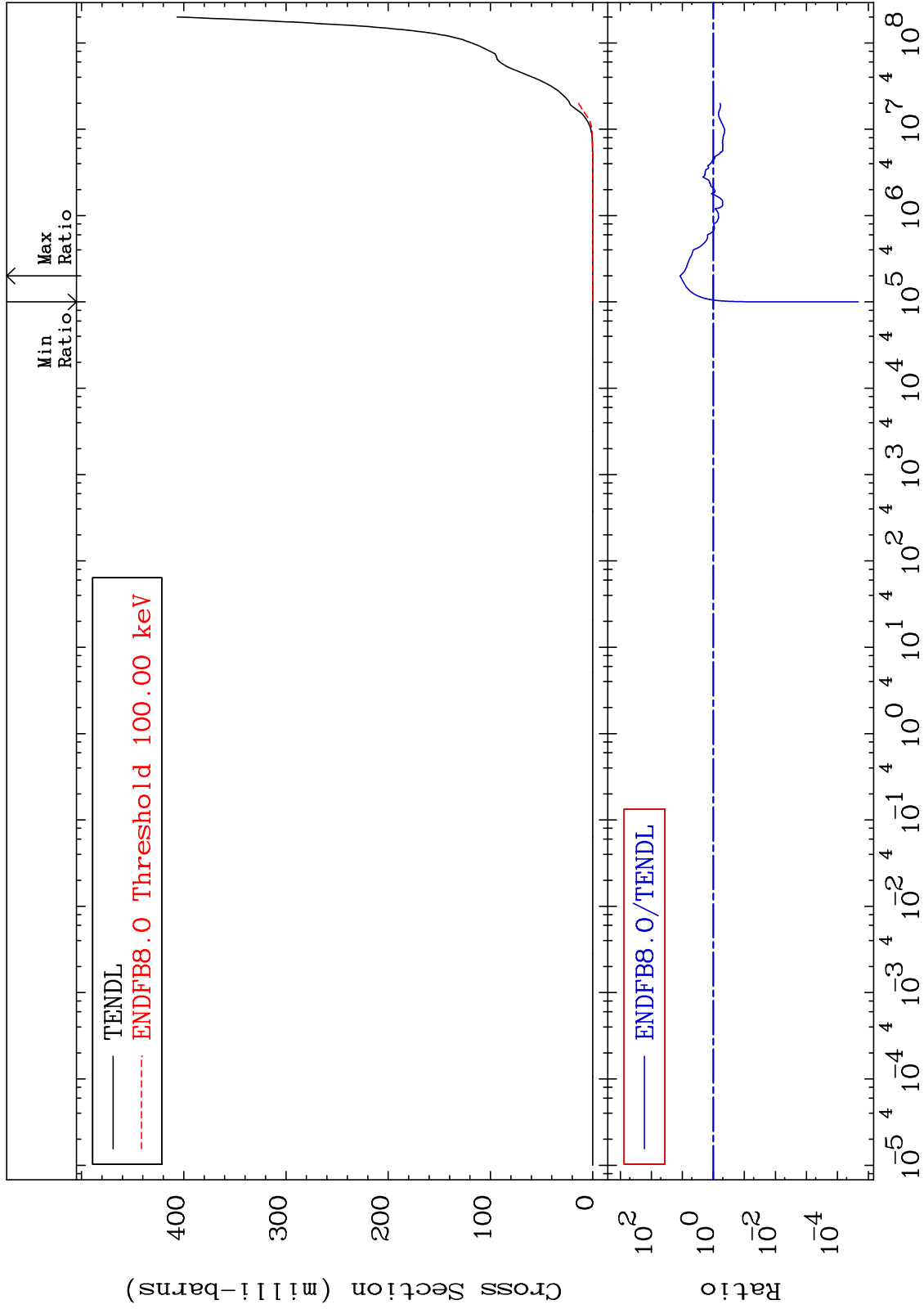
42-Mo-98
-82.43 To 1866. %



MAT 4243

He-4 Production
Cross Section

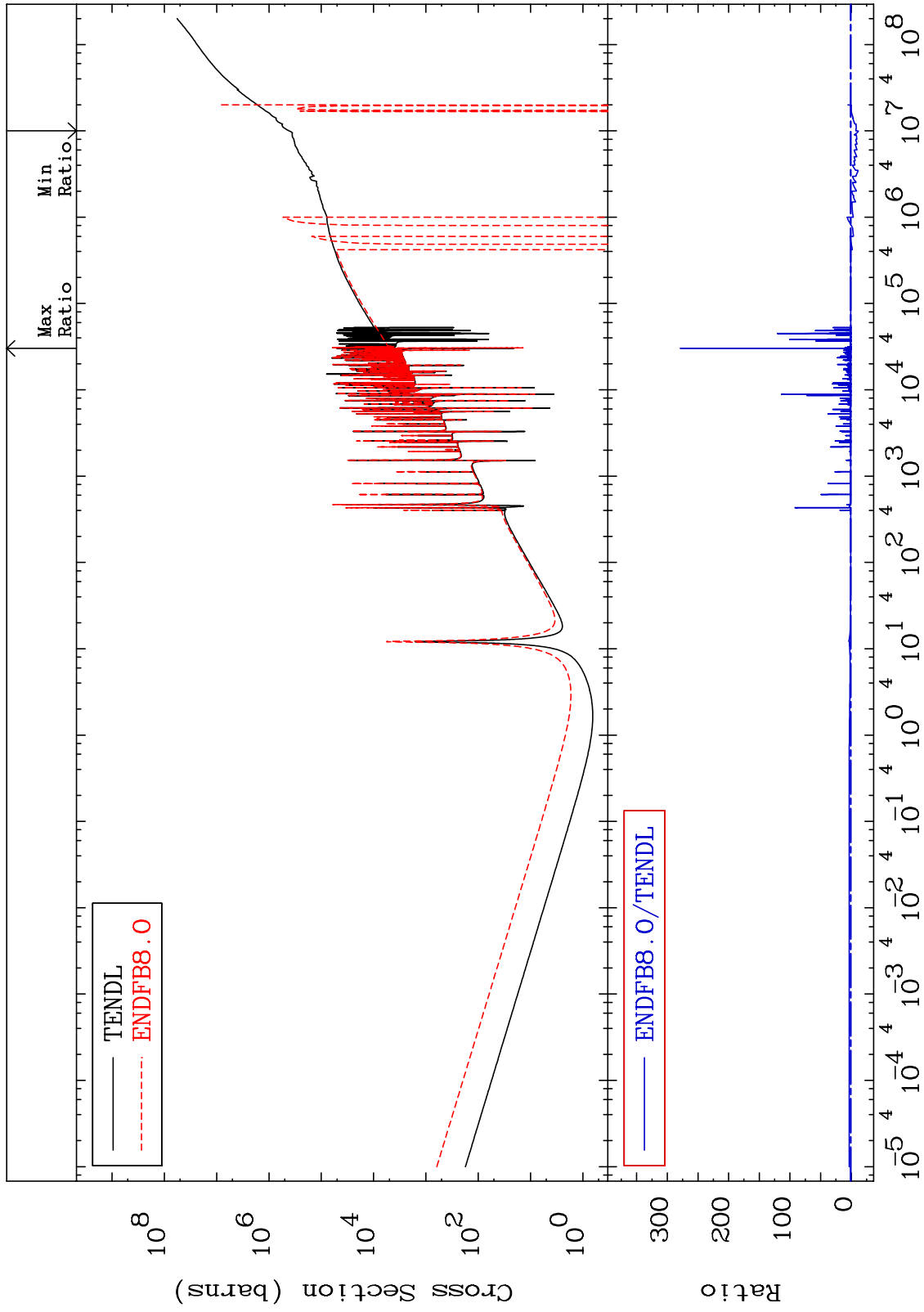
42-Mo-98
-100.0 To 1098. %



MAT 4243

Kerma total (eV-barns)
Cross Section

42-Mo-98
-1.259. To 9999. %



32

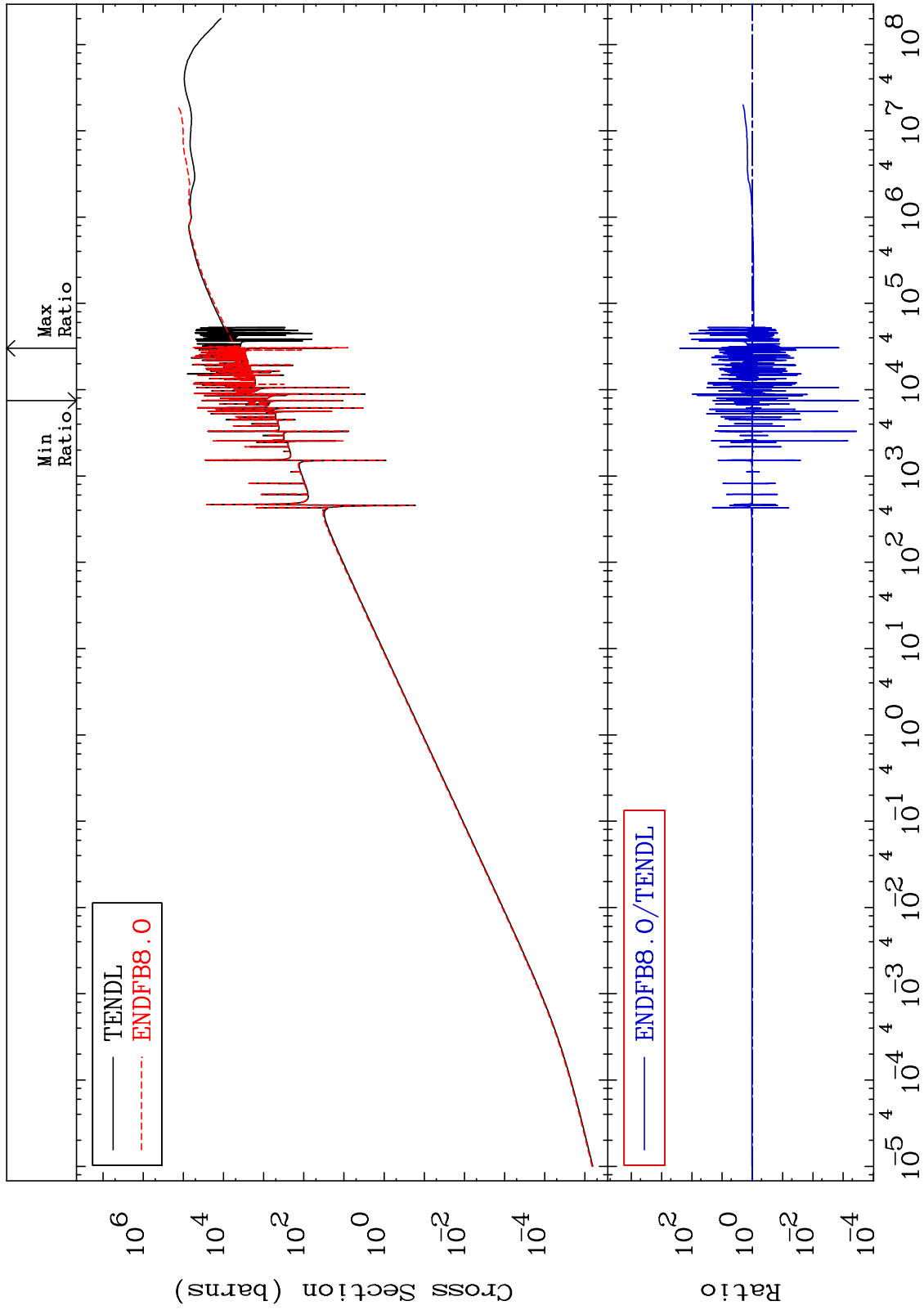
Incident Energy (eV)

42-Mo-98

MAT 4243

Kerma elastic
Cross Section

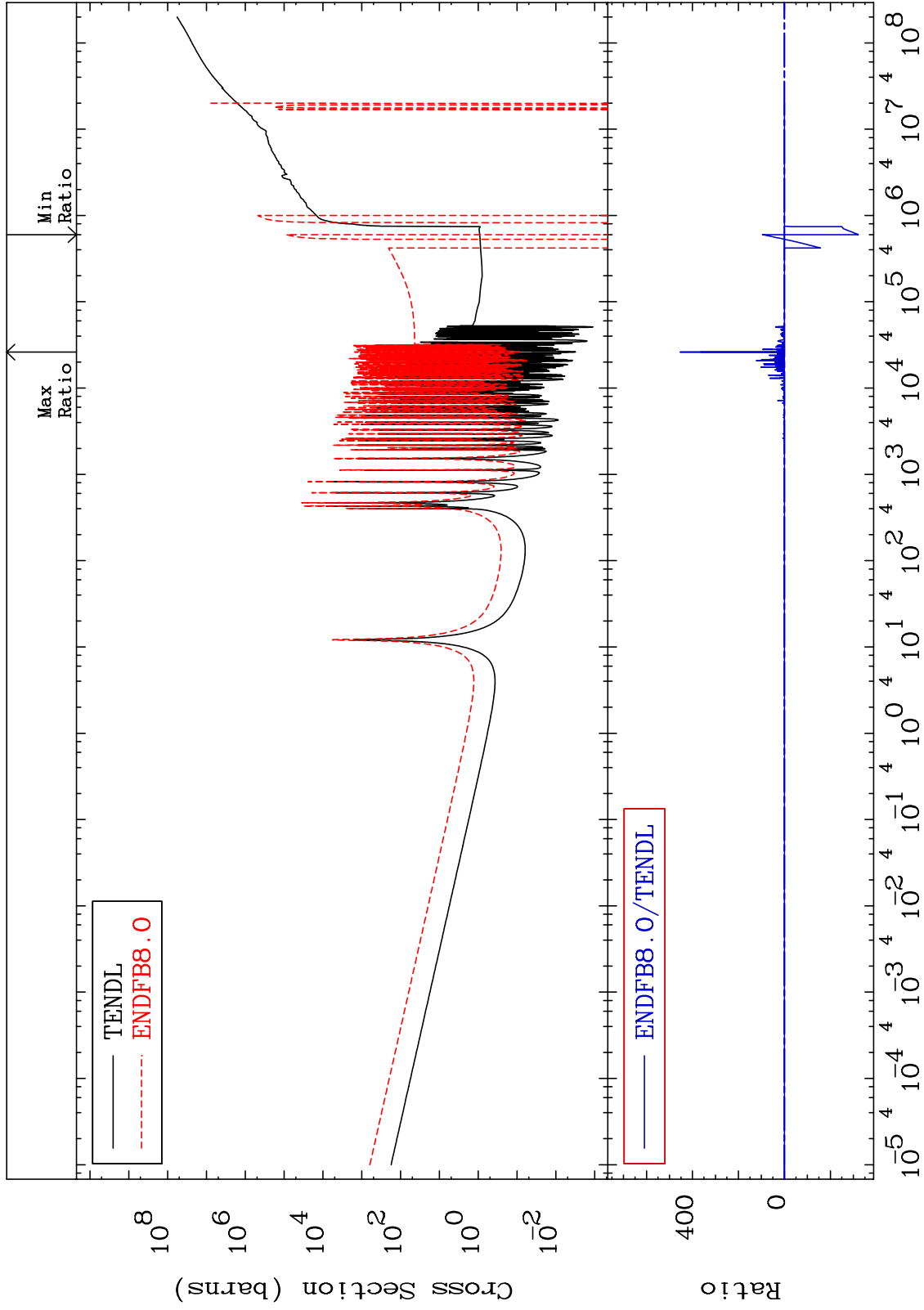
42-Mo-98
-99.97 To 9999. %



MAT 4243

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-98
-9999. To 9999. %



34

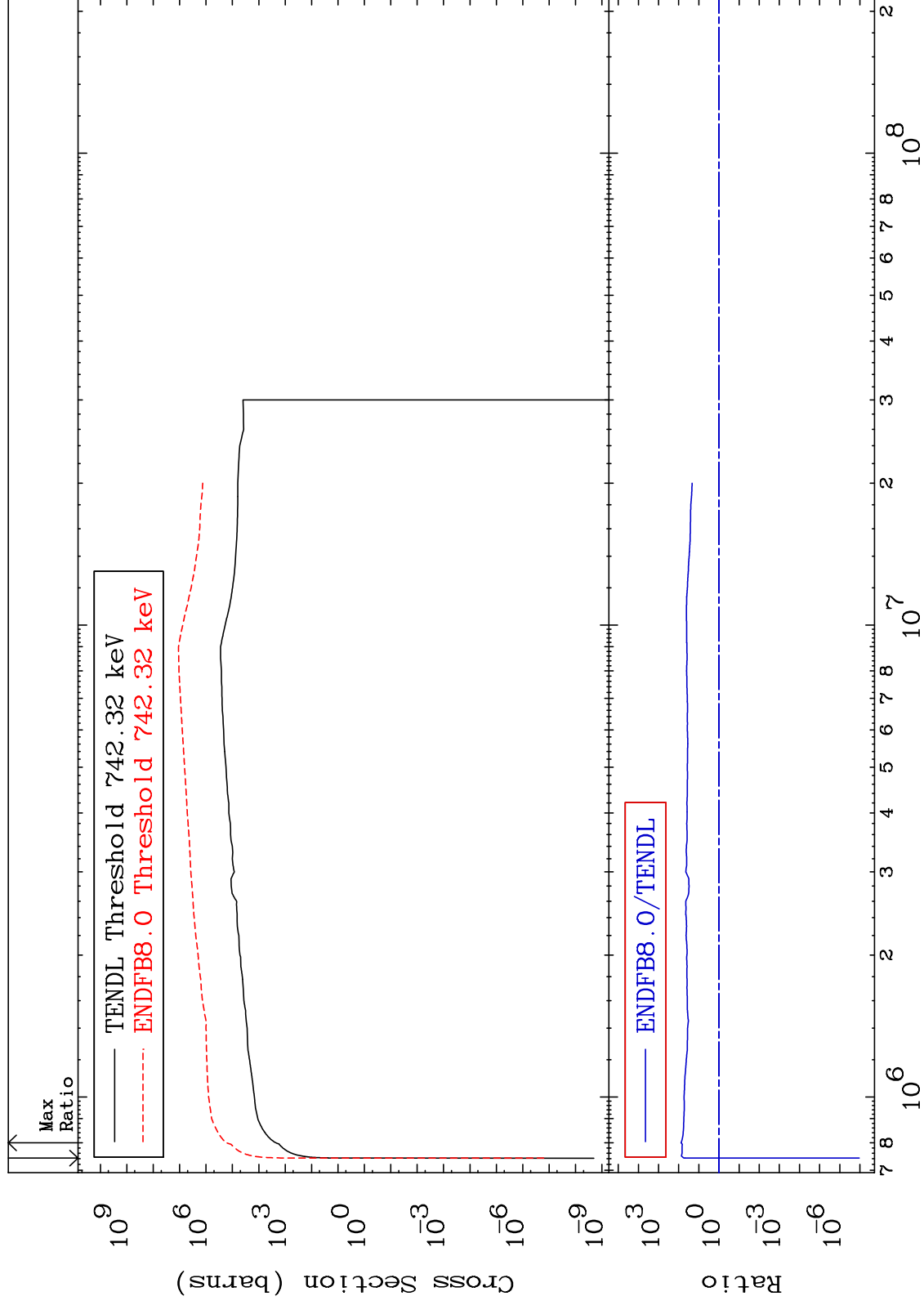
Incident Energy (eV)

42-Mo-98

MAT 4243

Kerma inelastic (mt51-91)
Cross Section

42-Mo-98
-100.0 To 7514. %



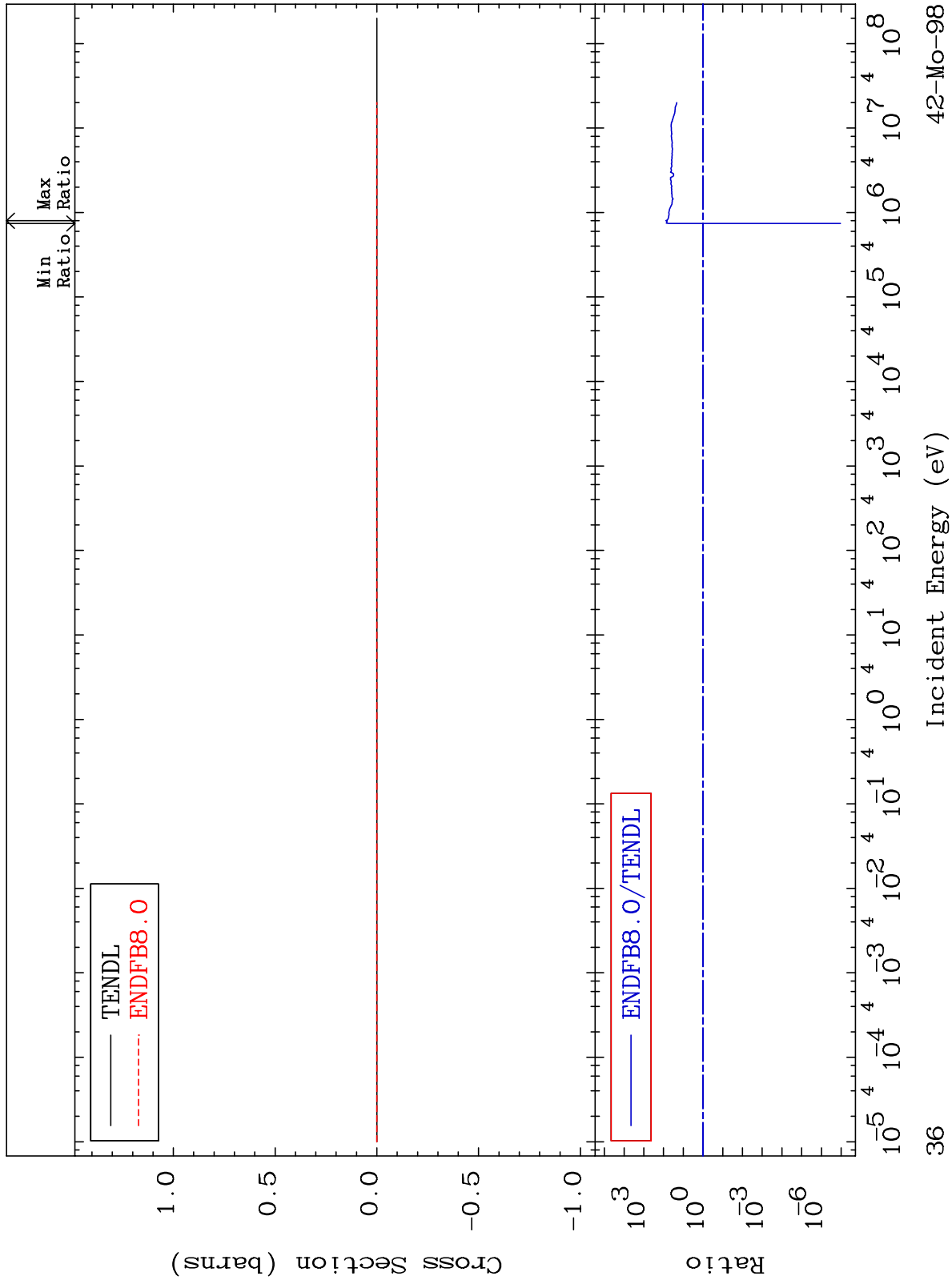
35

42-Mo-98

MAT 4243

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

42-Mo-98
-100.0 To 7514. %



36

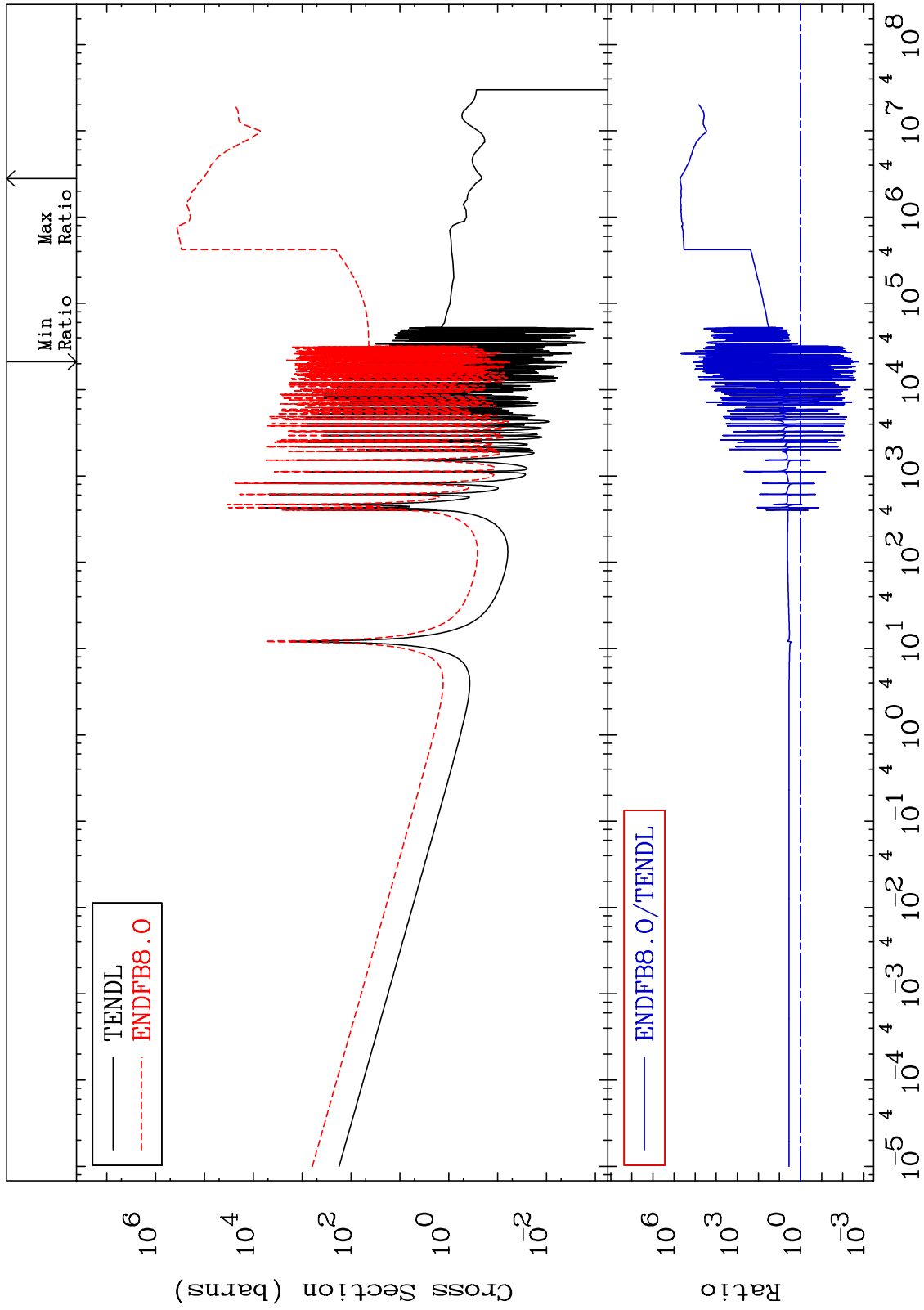
Incident Energy (eV)

42-Mo-98

MAT 4243

Kerma capture (mt102)
Cross Section

42-Mo-98
-99.82 To 9999. %



37

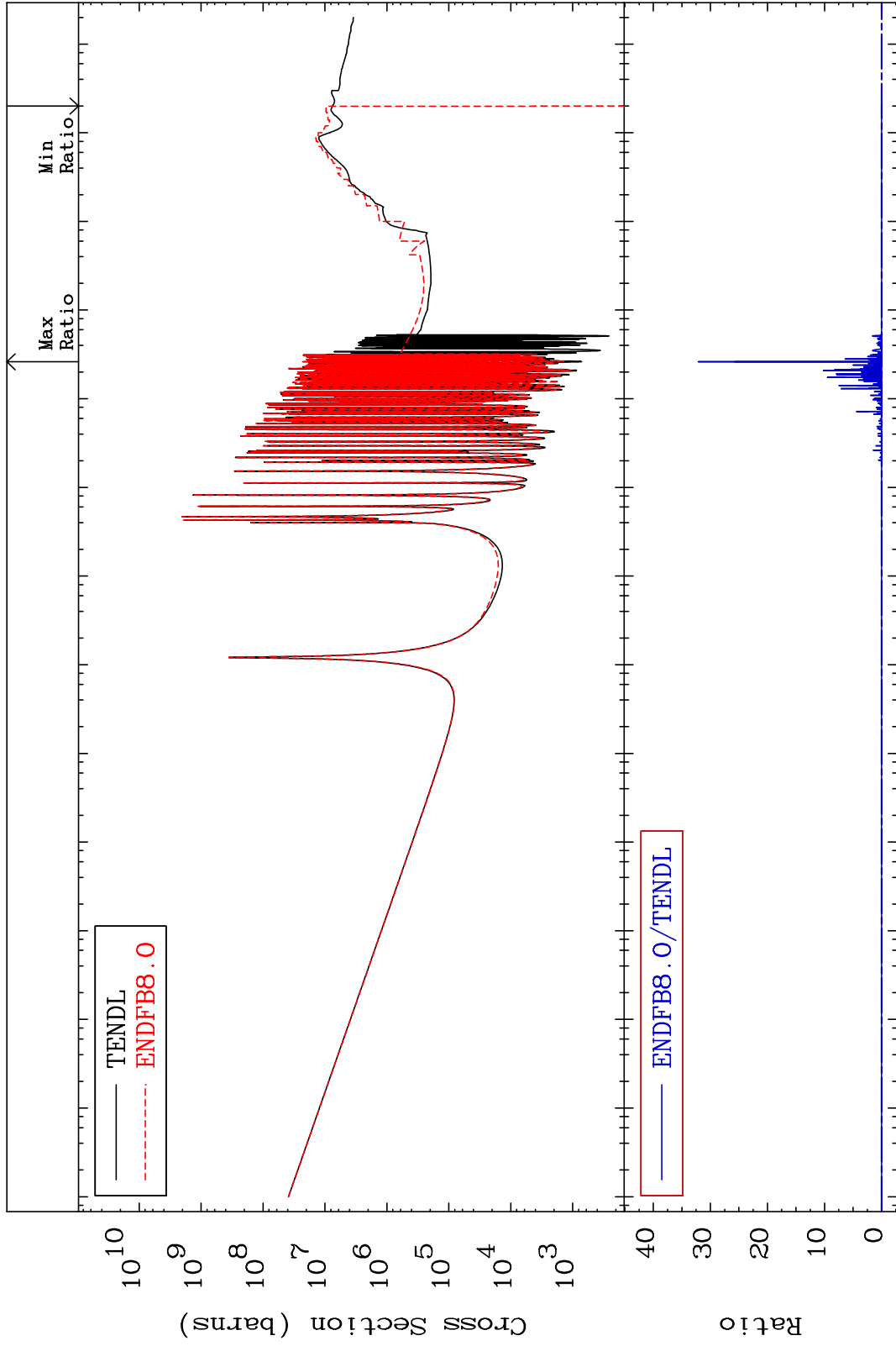
Incident Energy (eV)

42-Mo-98

MAT 4243

Total photon (eV-barns)
Cross Section

42-Mo-98
-100.0 To 9999. %



38

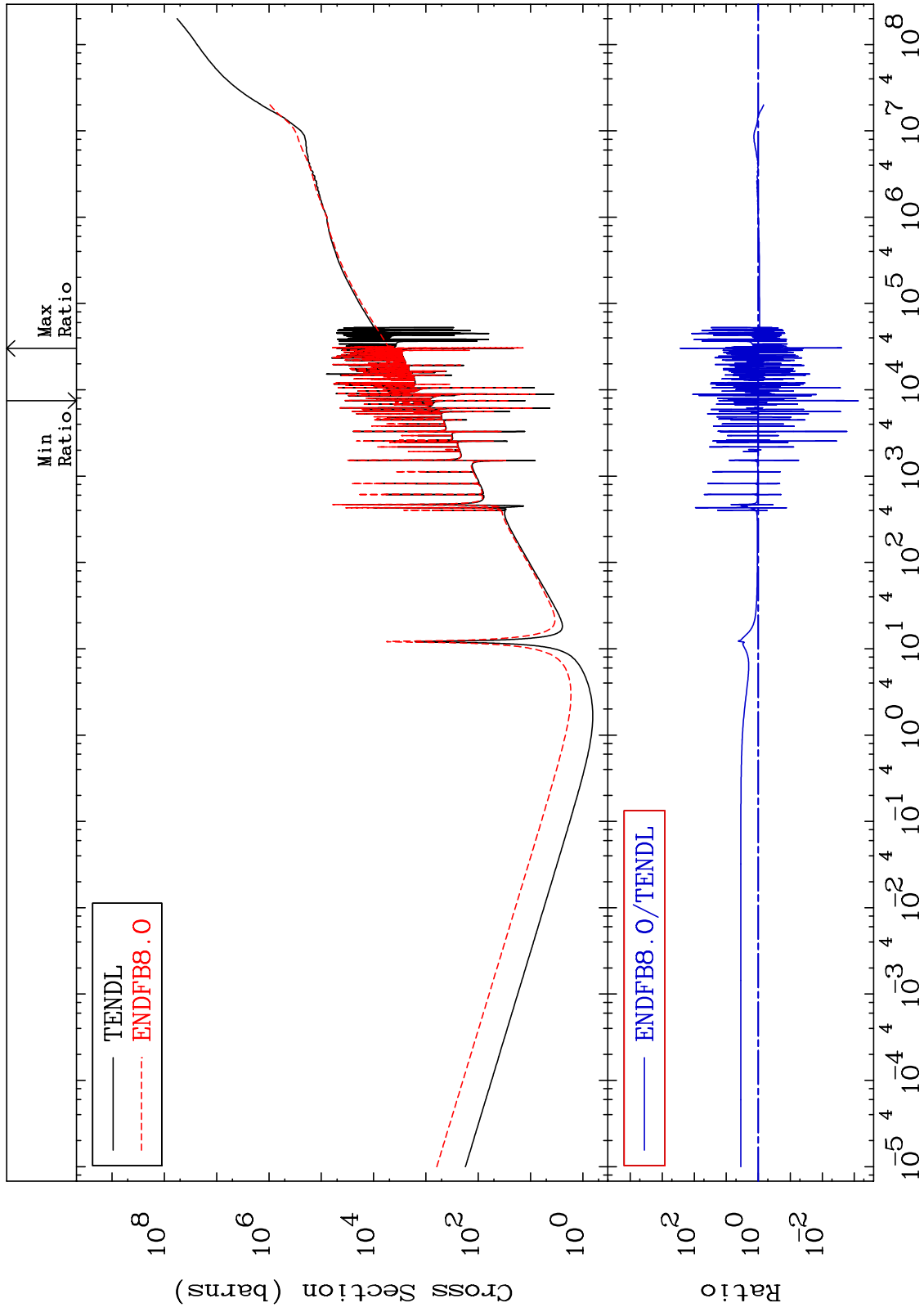
Incident Energy (eV)

42-Mo-98

MAT 4243

Total kinematic kerma (high limit)
Cross Section

42-Mo-98
-99.93 To 9999. %



39

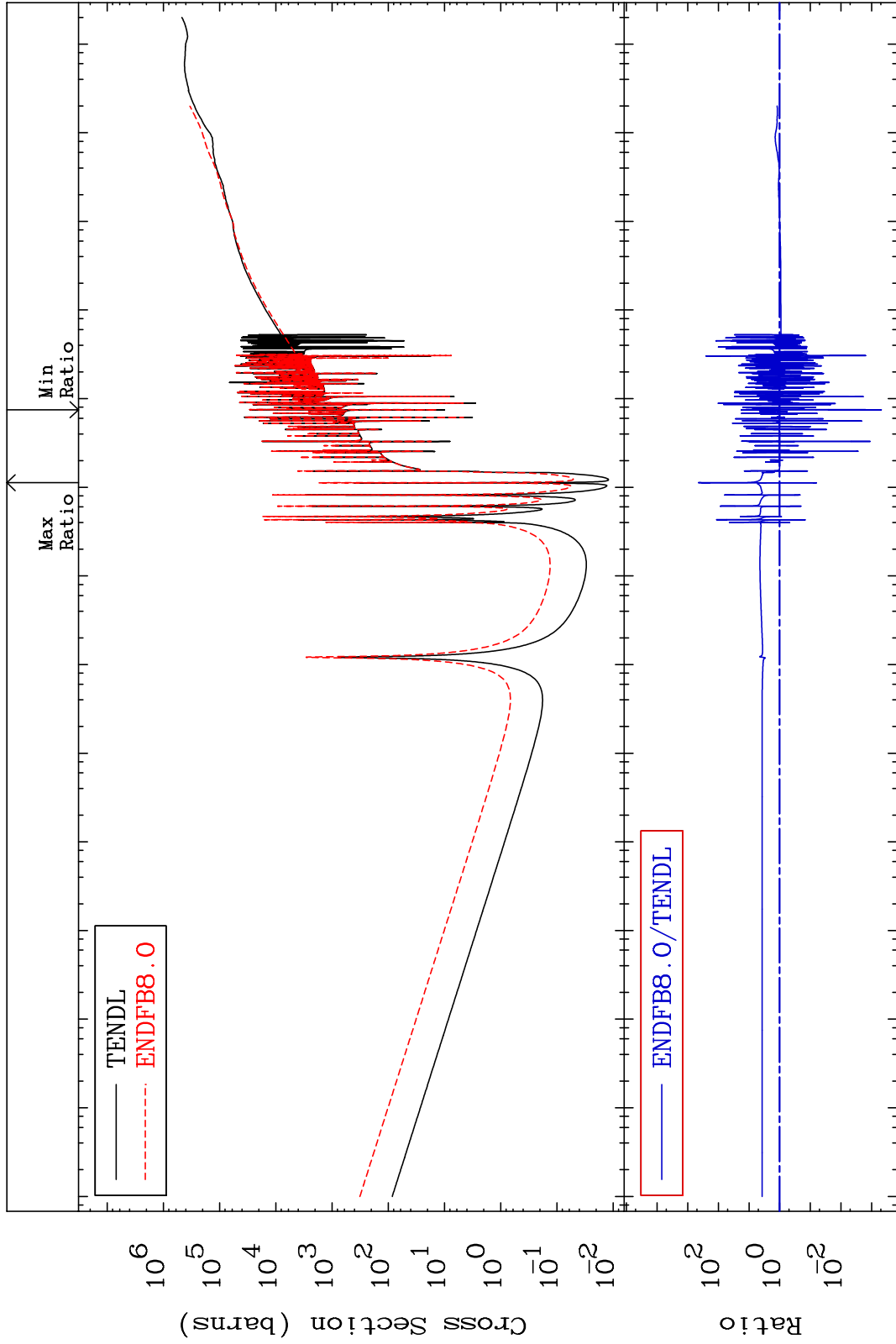
Incident Energy (eV)

42-Mo-98

MAT 4243

Dpa total (eV-barns)
Cross Section

42-Mo-98
-99.95 To 9999. %



40

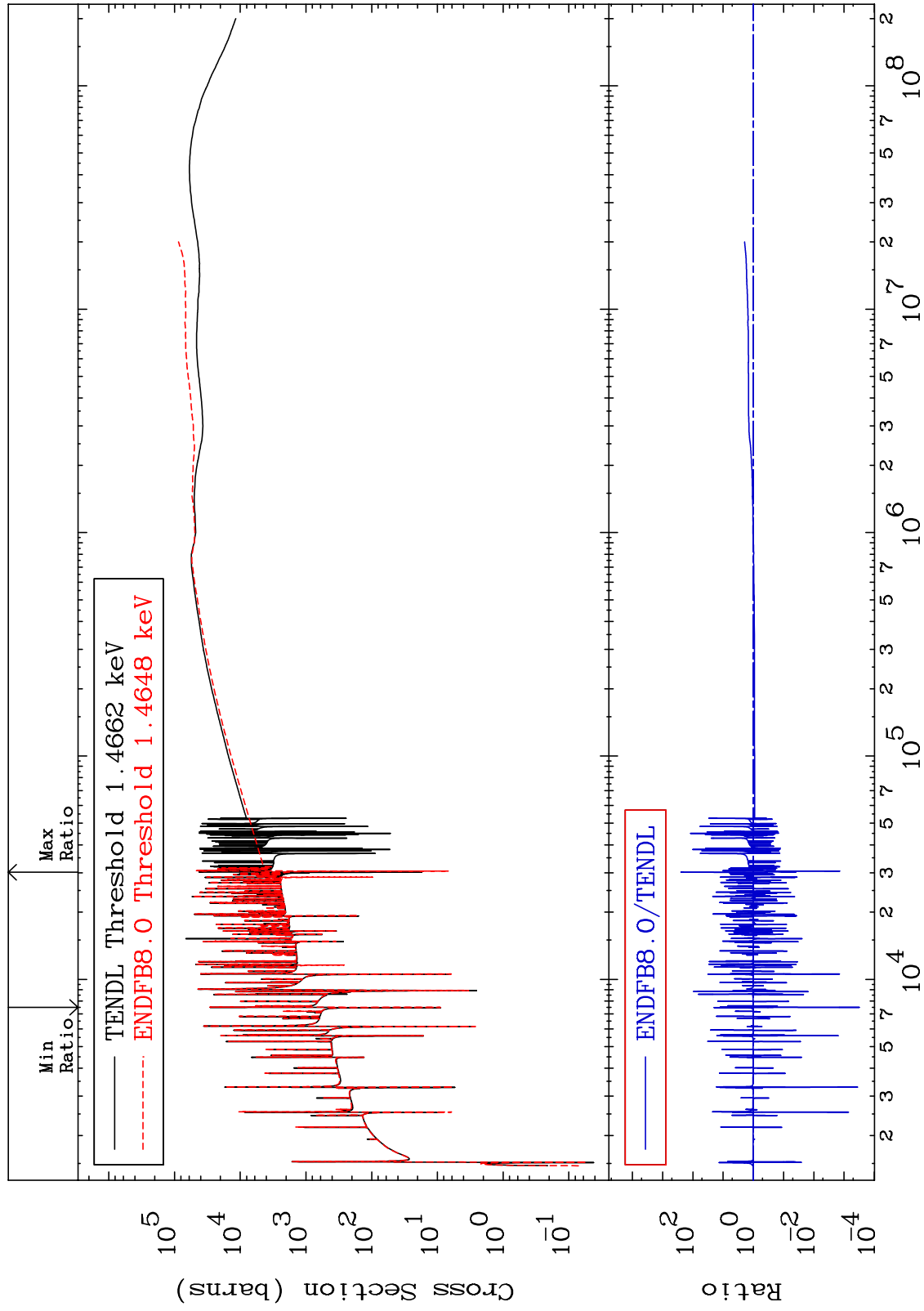
Incident Energy (eV)

42-Mo-98

MAT 4243

Dpa elastic (mt2)
Cross Section

42-Mo-98
-99.97 To 9999. %



41

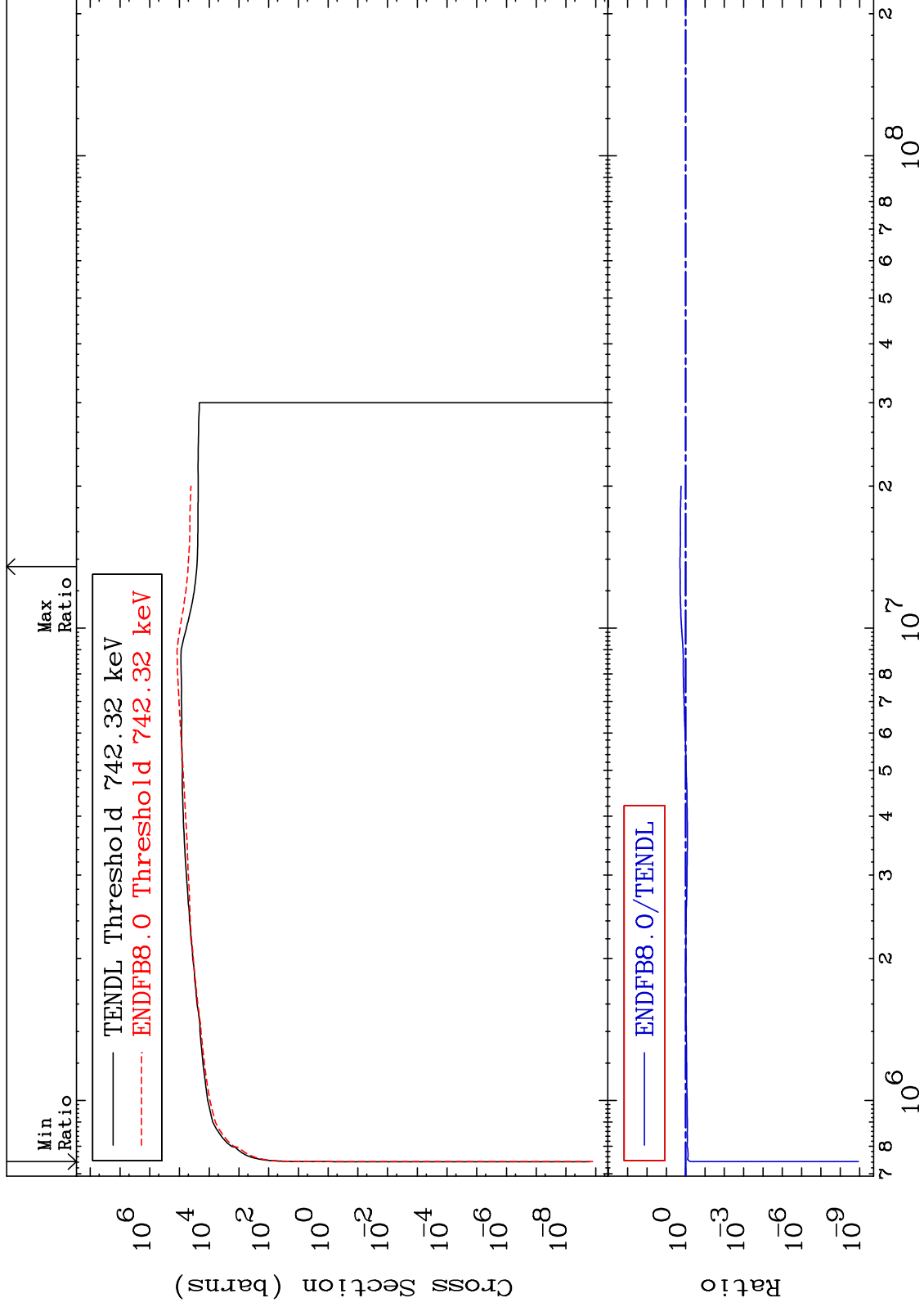
Incident Energy (eV)

42-Mo-98

MAT 4243

Dpa inelastic (mt51-91)
Cross Section

42-Mo-98
-100.0 To 95.88 %



42

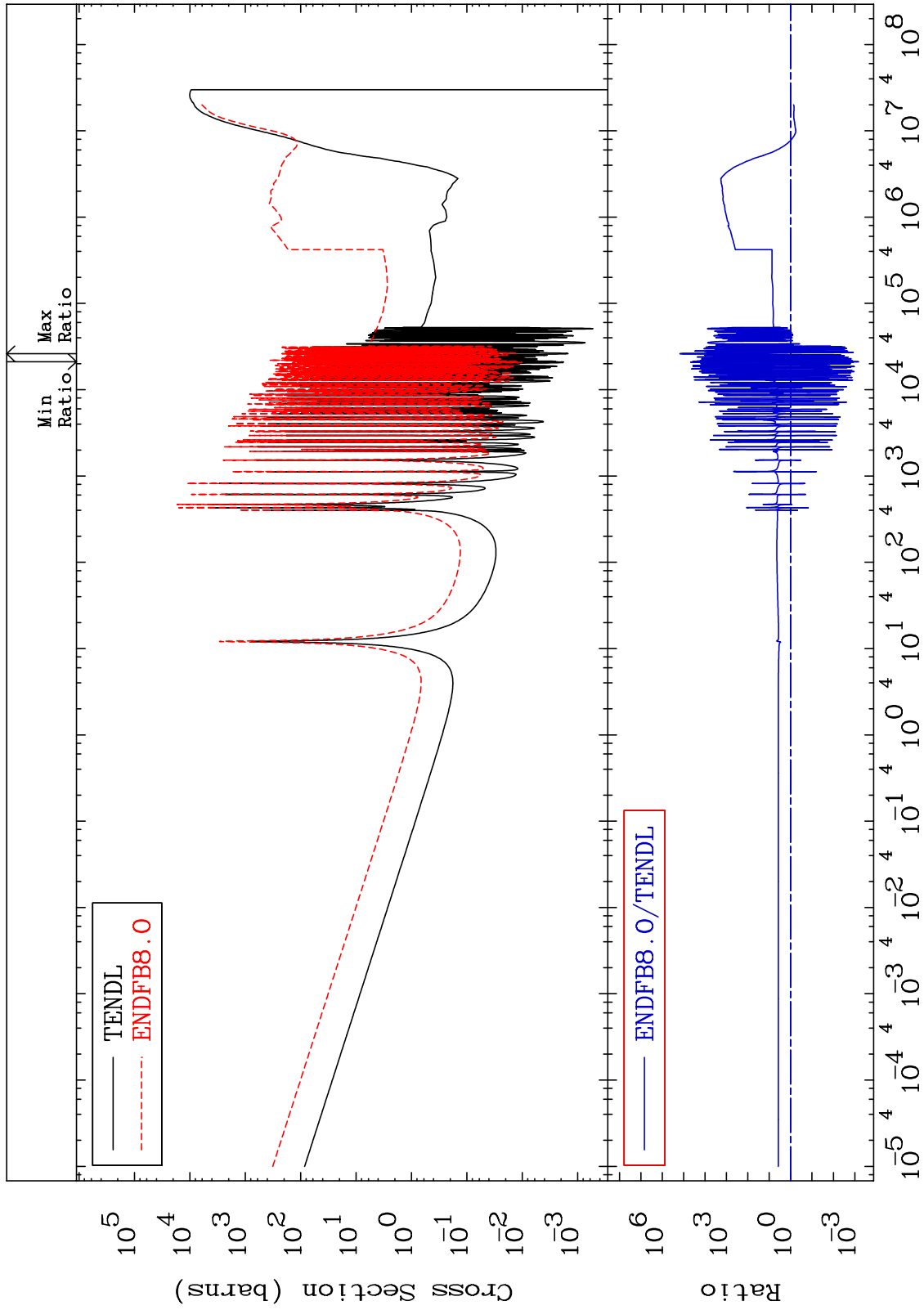
Incident Energy (eV)

42-Mo-98

MAT 4243

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-98
-99.93 To 9999. %



43

Incident Energy (eV)

42-Mo-98