

Program Complot
(Version 2018-1)

by

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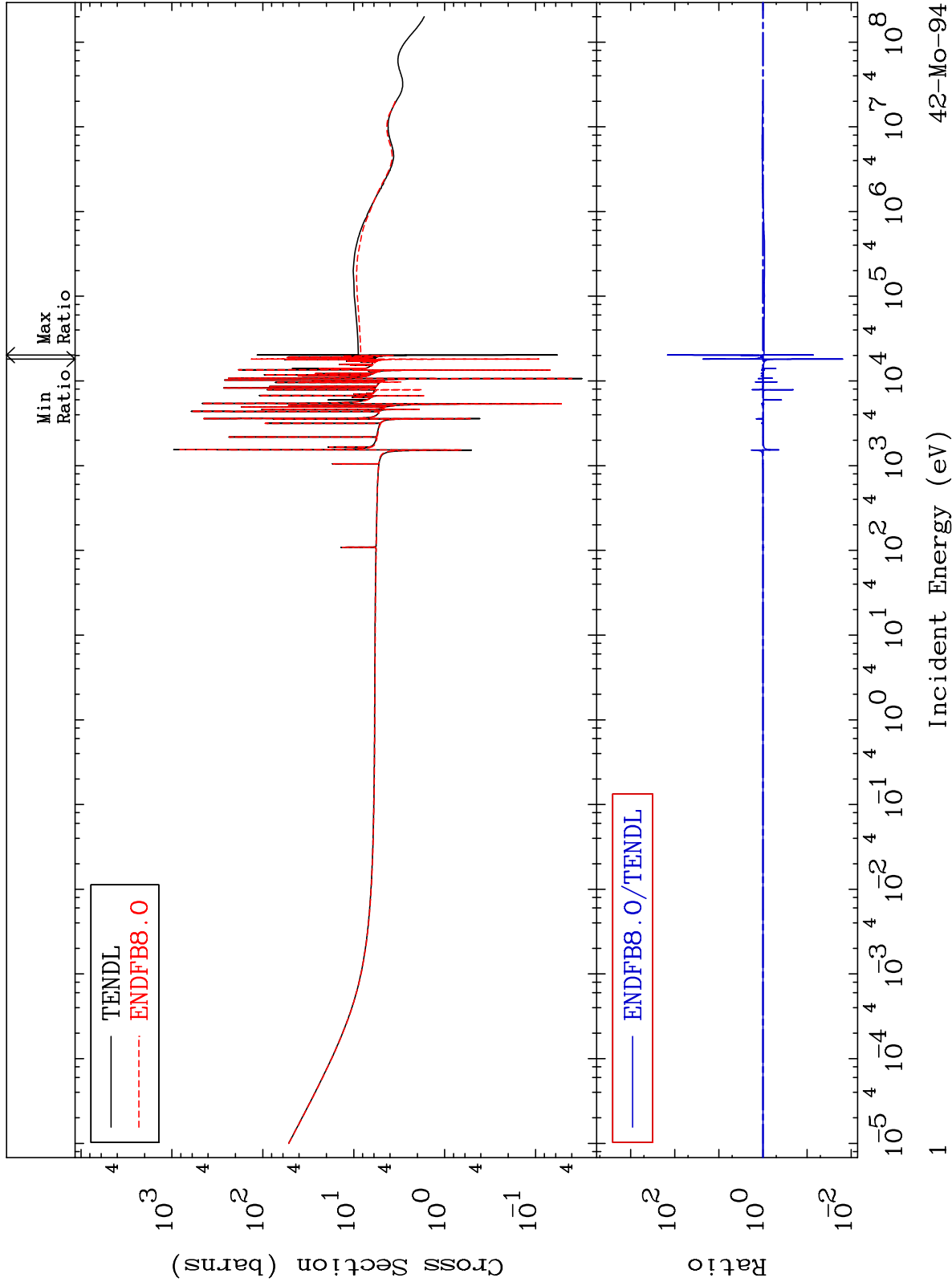
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4231

Total
Cross Section

42-Mo-94
-98.45 To 9999. %

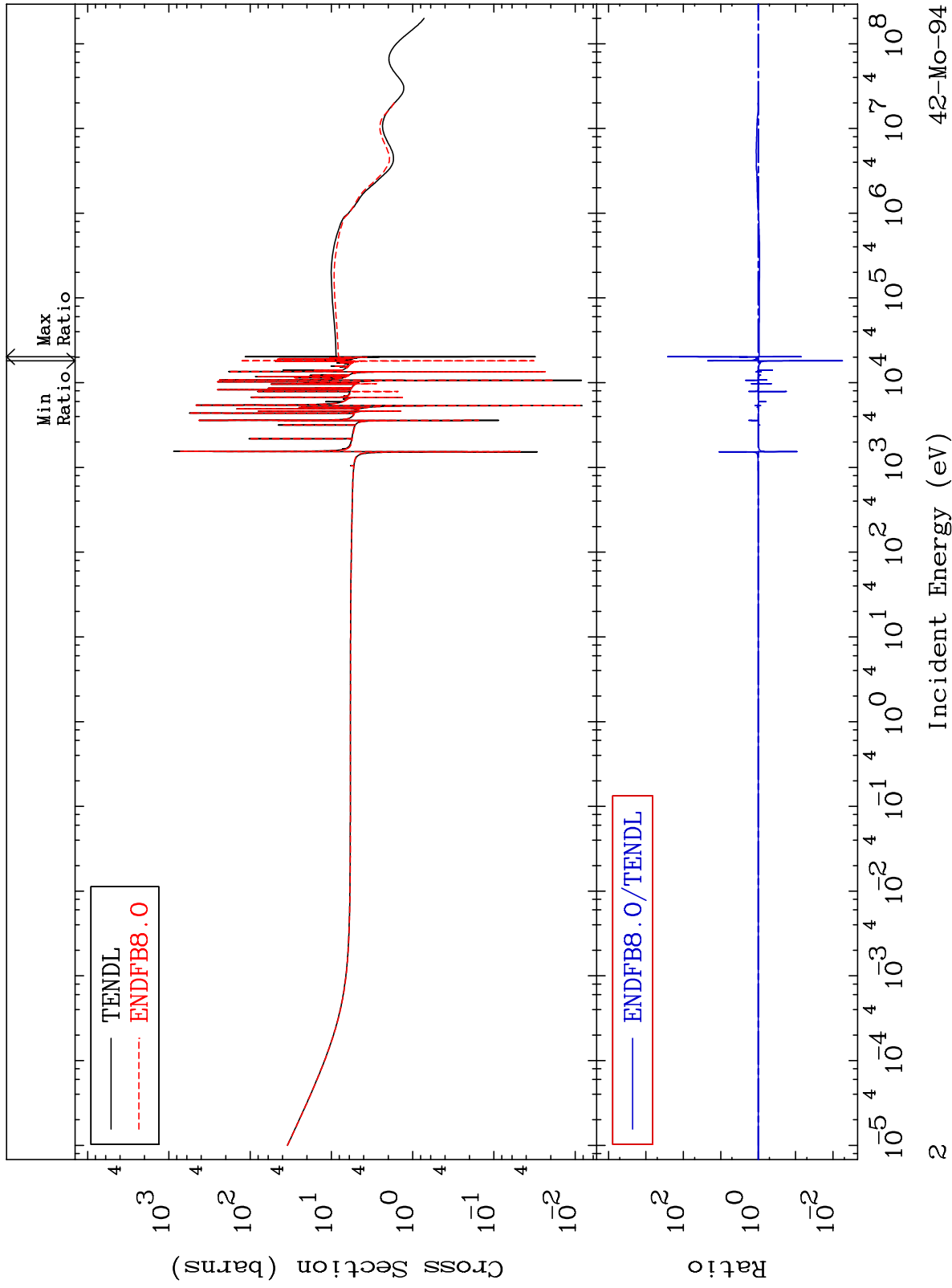


42-Mo-94

MAT 4231

Elastic
Cross Section

42-Mo-94
-99.45 To 9999. %



42-Mo-94

2

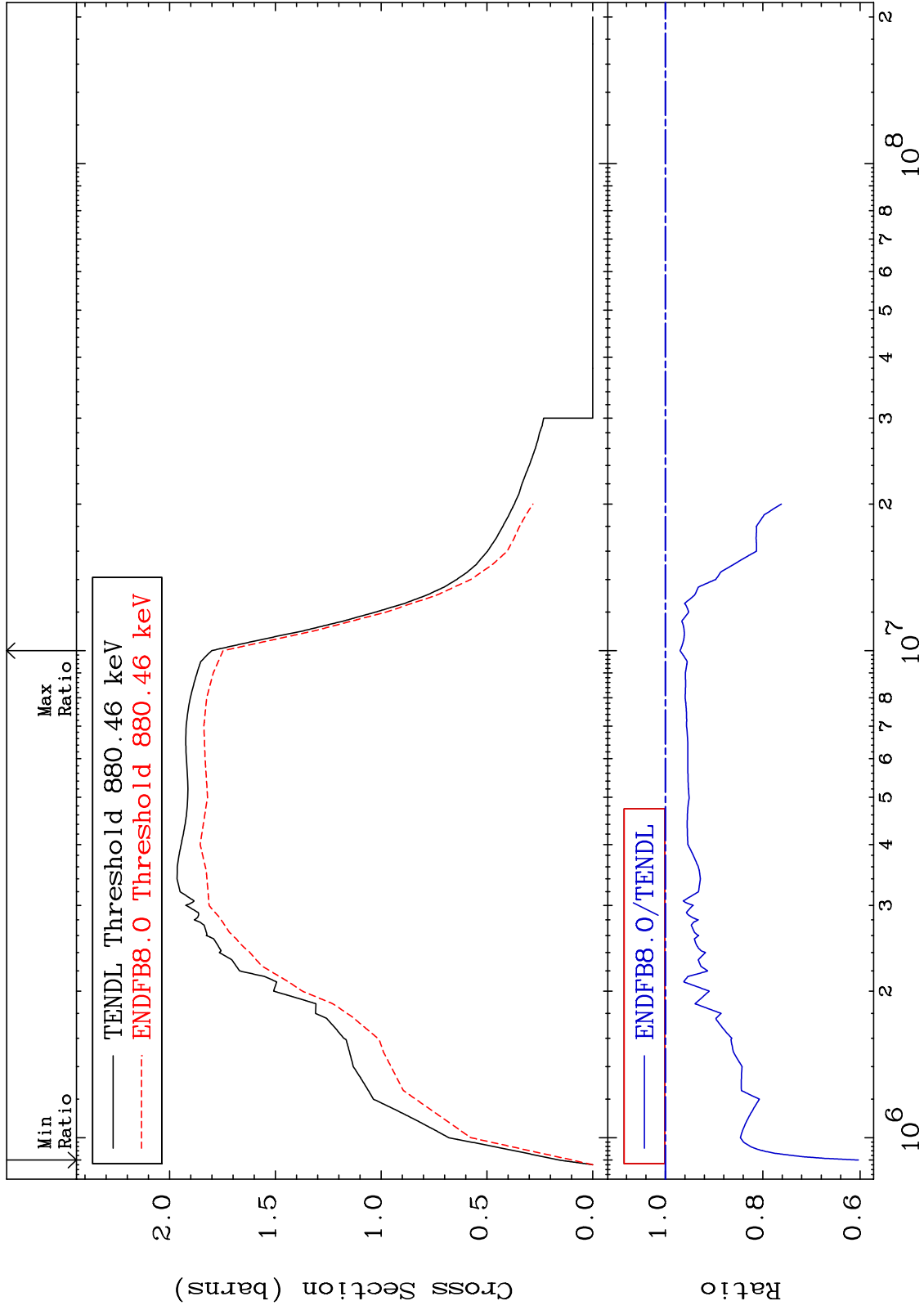
MAT 4231

Inelastic

42-Mo-94

Cross Section

-39.64 To -3.005%



Incident Energy (eV)

42-Mo-94

3

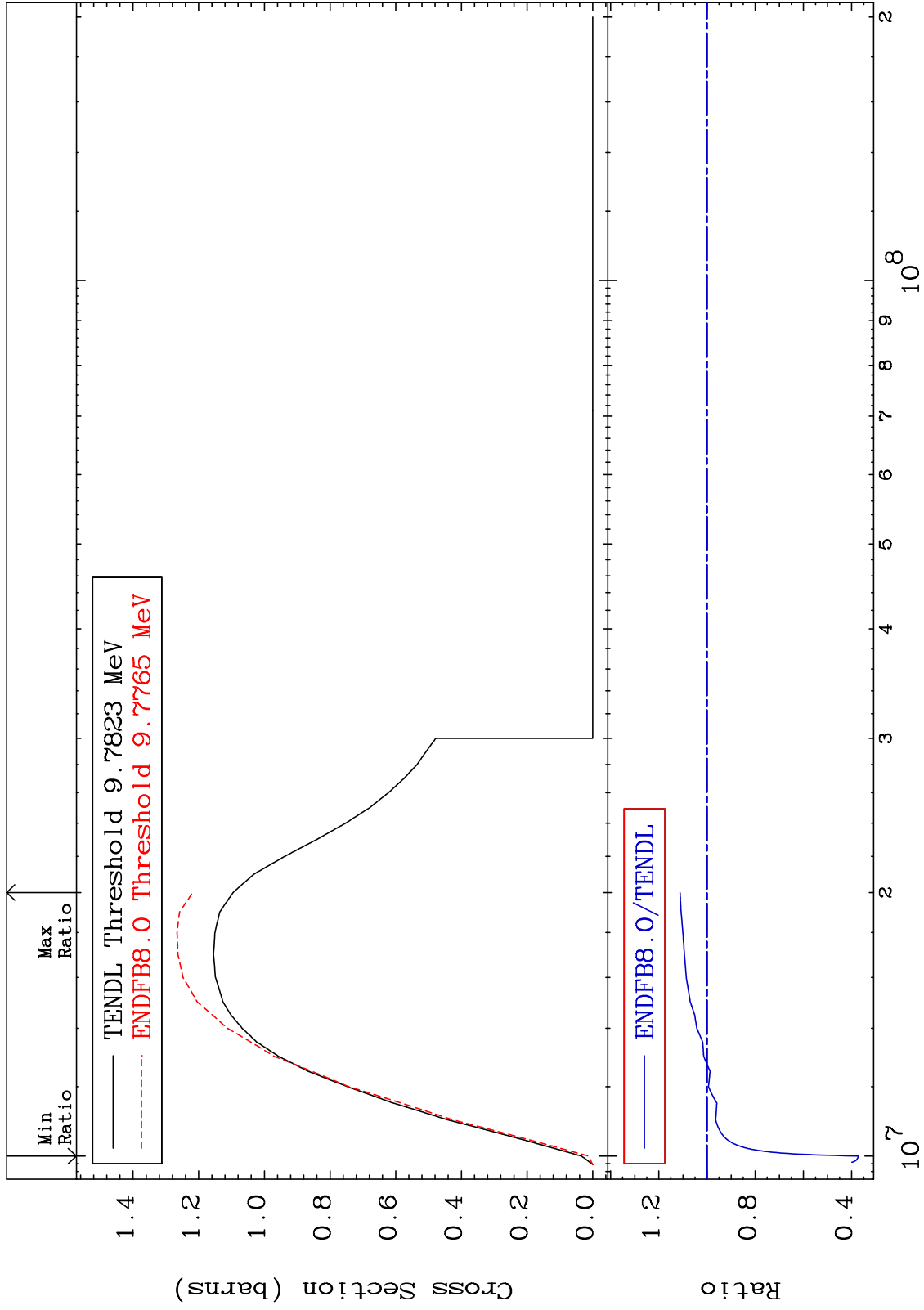
MAT 4231

(n,2n)

42-Mo-94

Cross Section

-62.80 To 11.20 %



42-Mo-94

Incident Energy (eV)

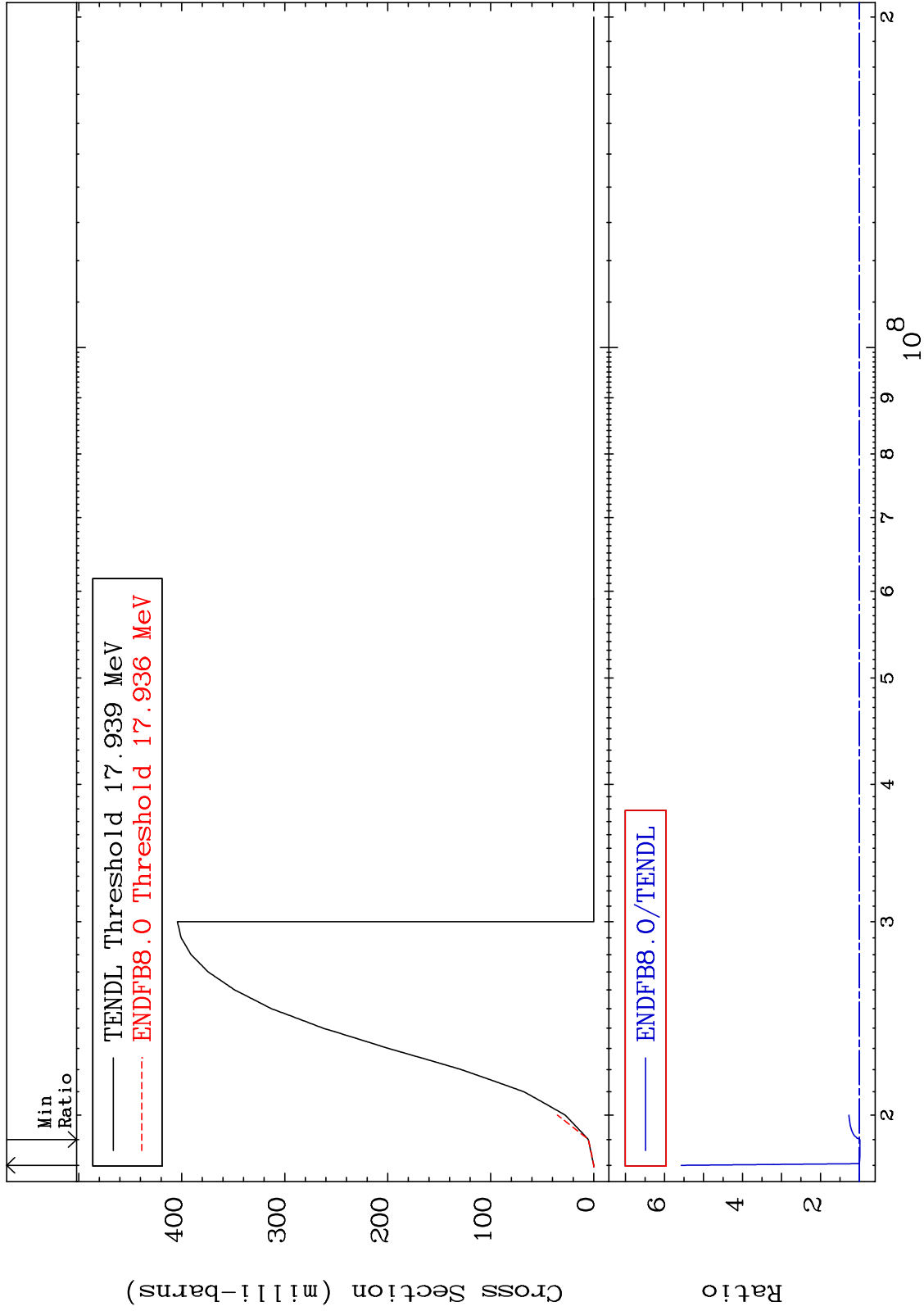
MAT 4231

(n,3n)

42-Mo-94

Cross Section

-1.185 To 457.2 %



5

Incident Energy (eV)

42-Mo-94

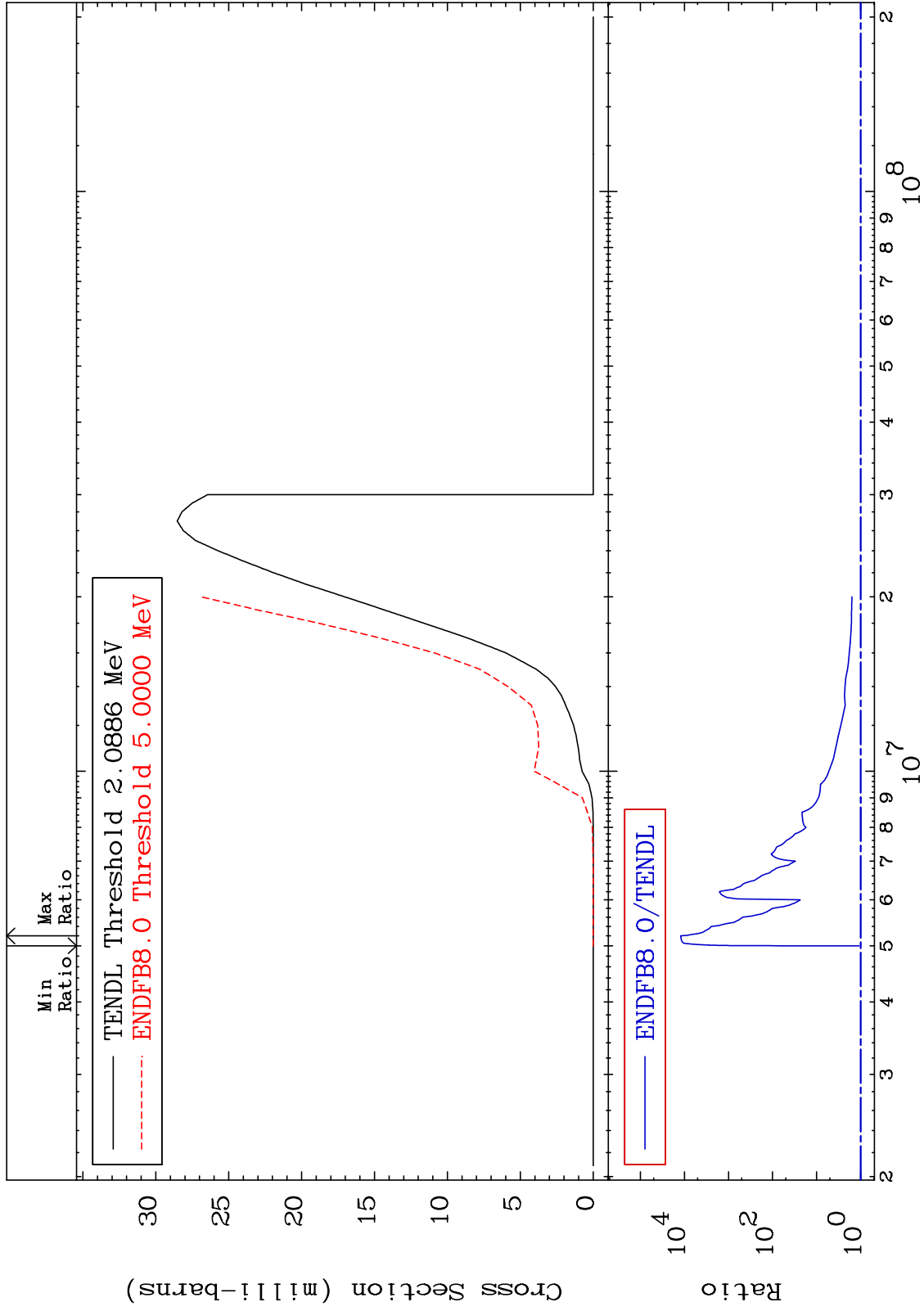
MAT 4231

(n,n') α

42-Mo-94

Cross Section

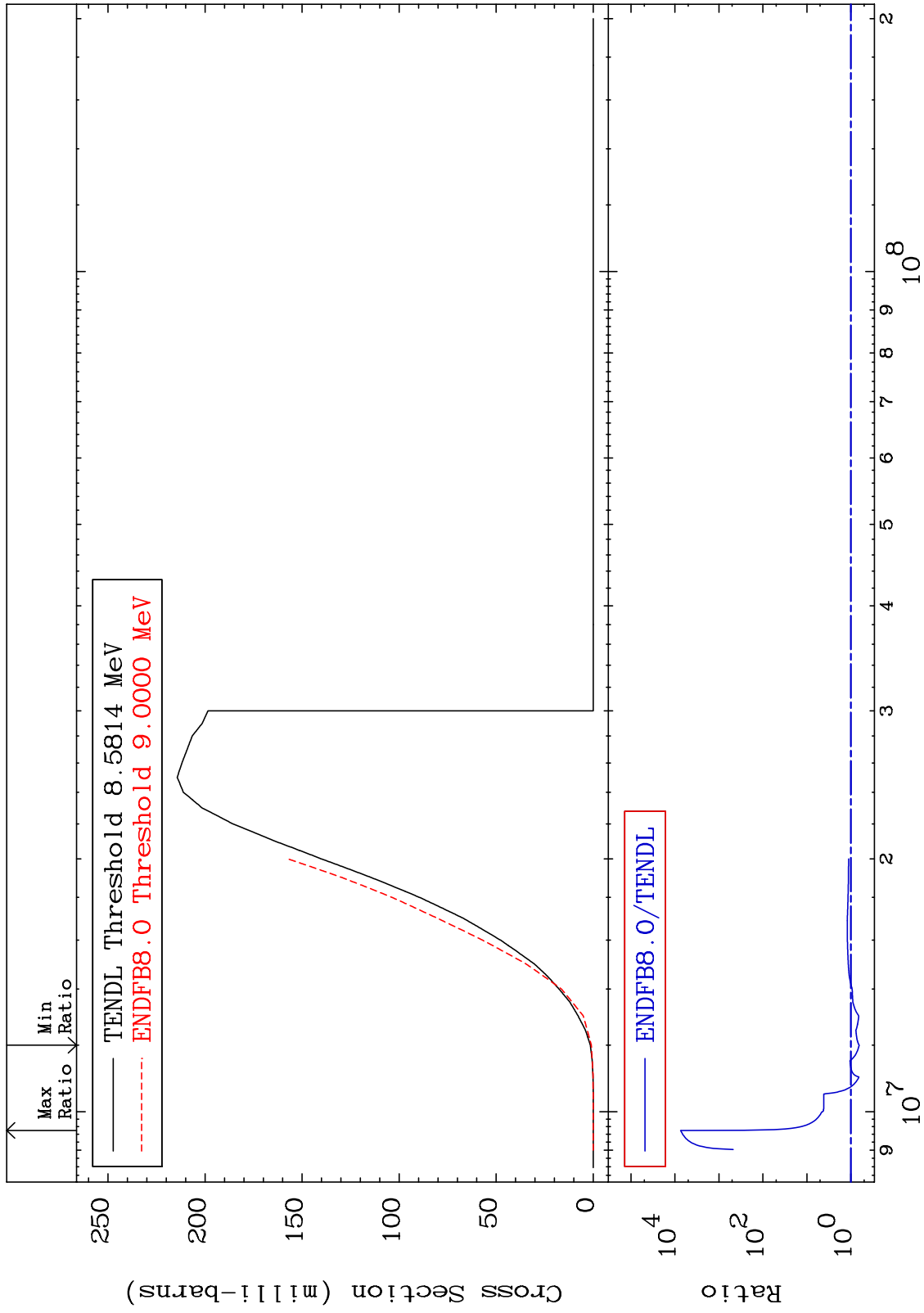
8.052 To 9999. %



MAT 4231

(n,n') p
Cross Section

42-Mo-94
-35.48 To 9999. %



7

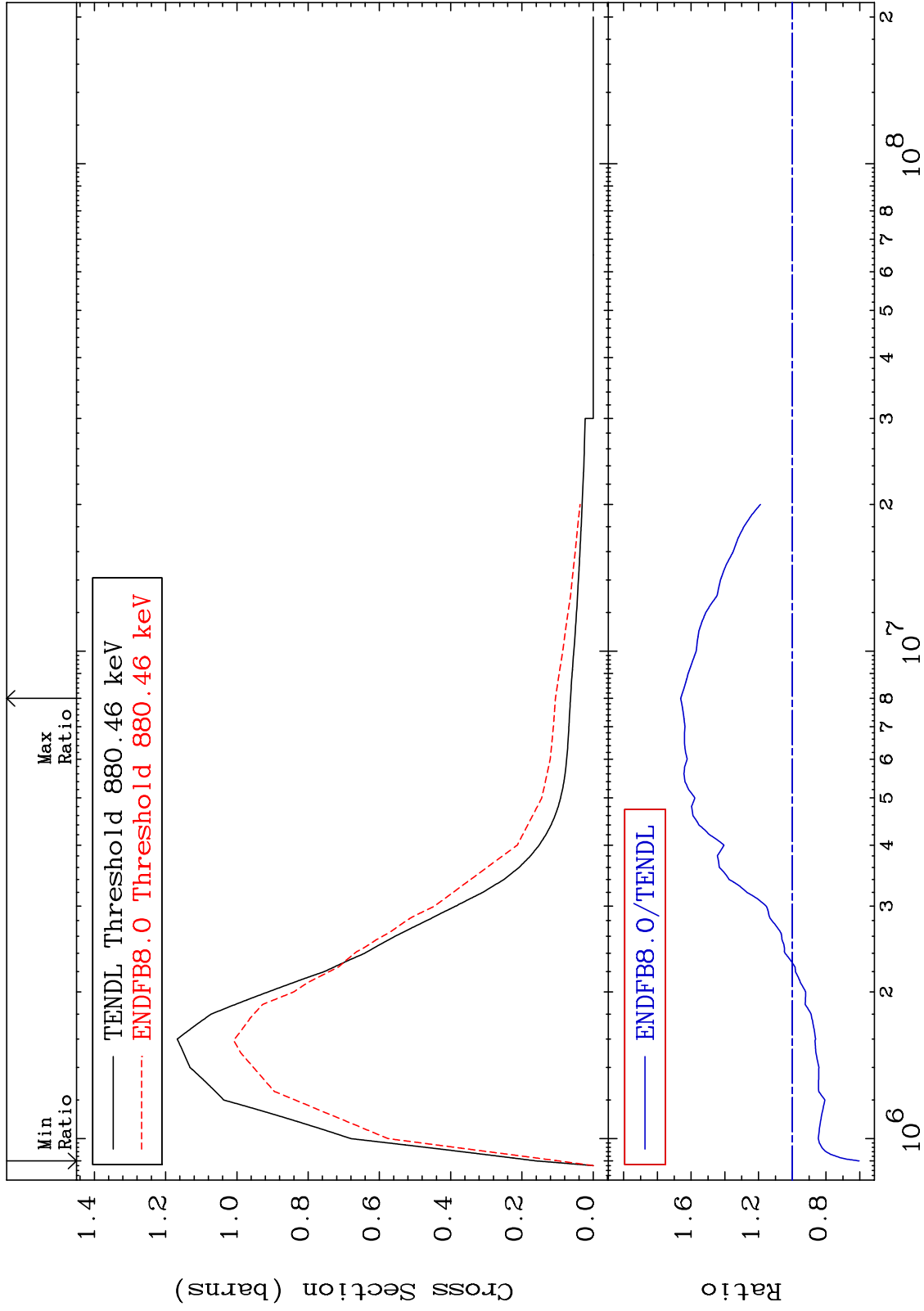
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-39.64 To 66.23 %



8

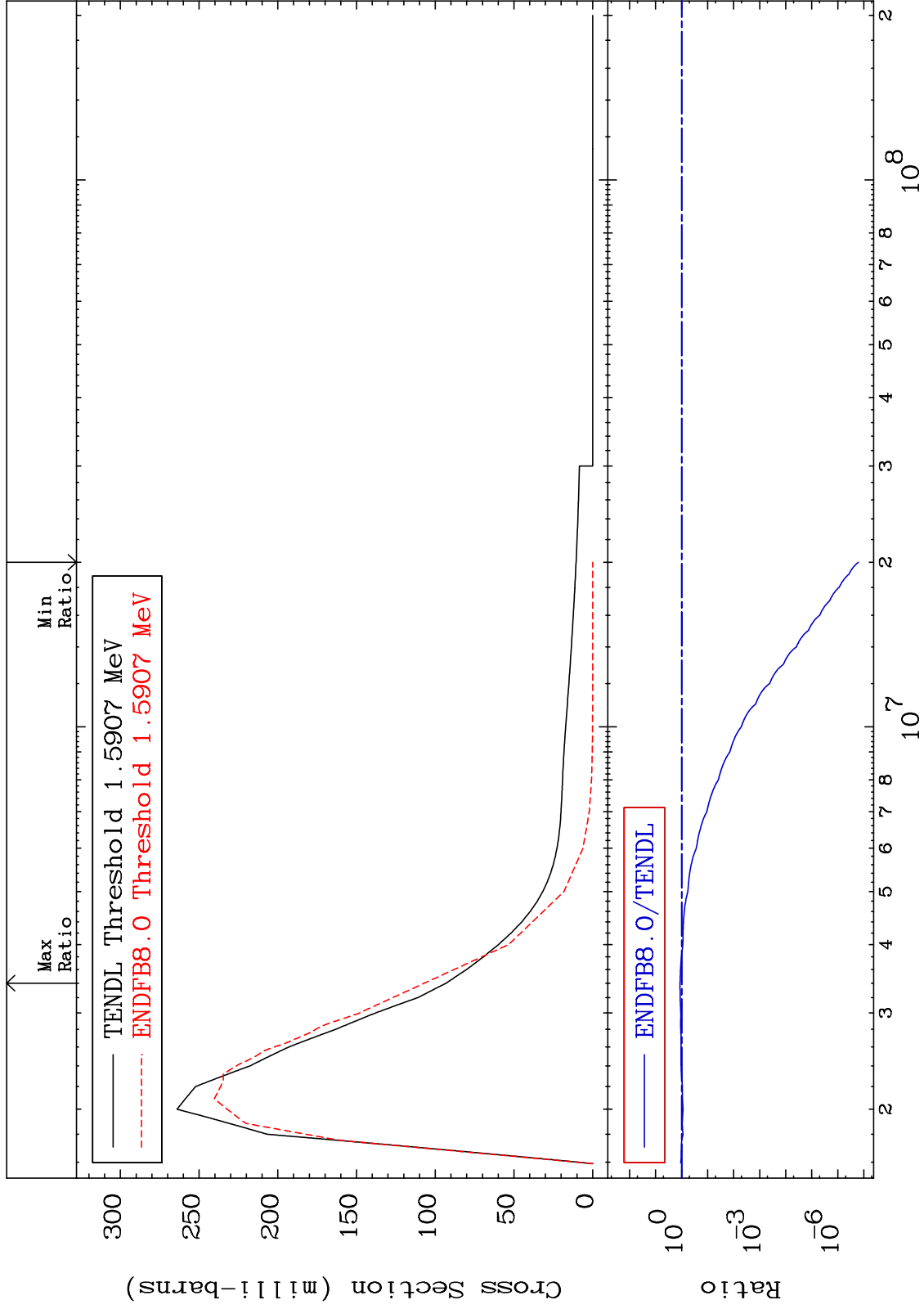
Incident Energy (eV)

42-Mo-94

MAT 4231

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

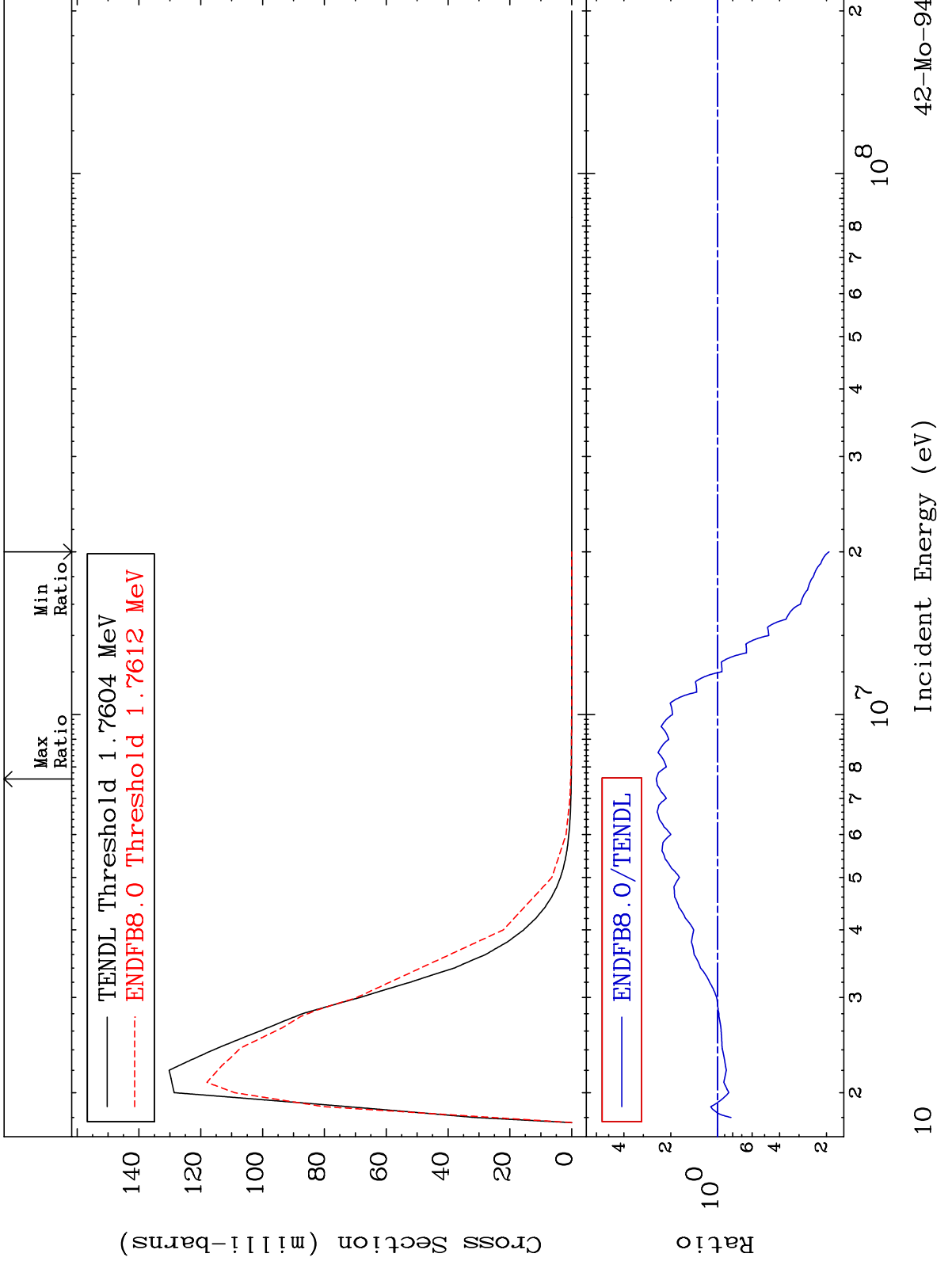
42-Mo-94
-100.0 To 14.89 %



MAT 4231

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

42-Mo-94
-80.74 To 147.5 %



10

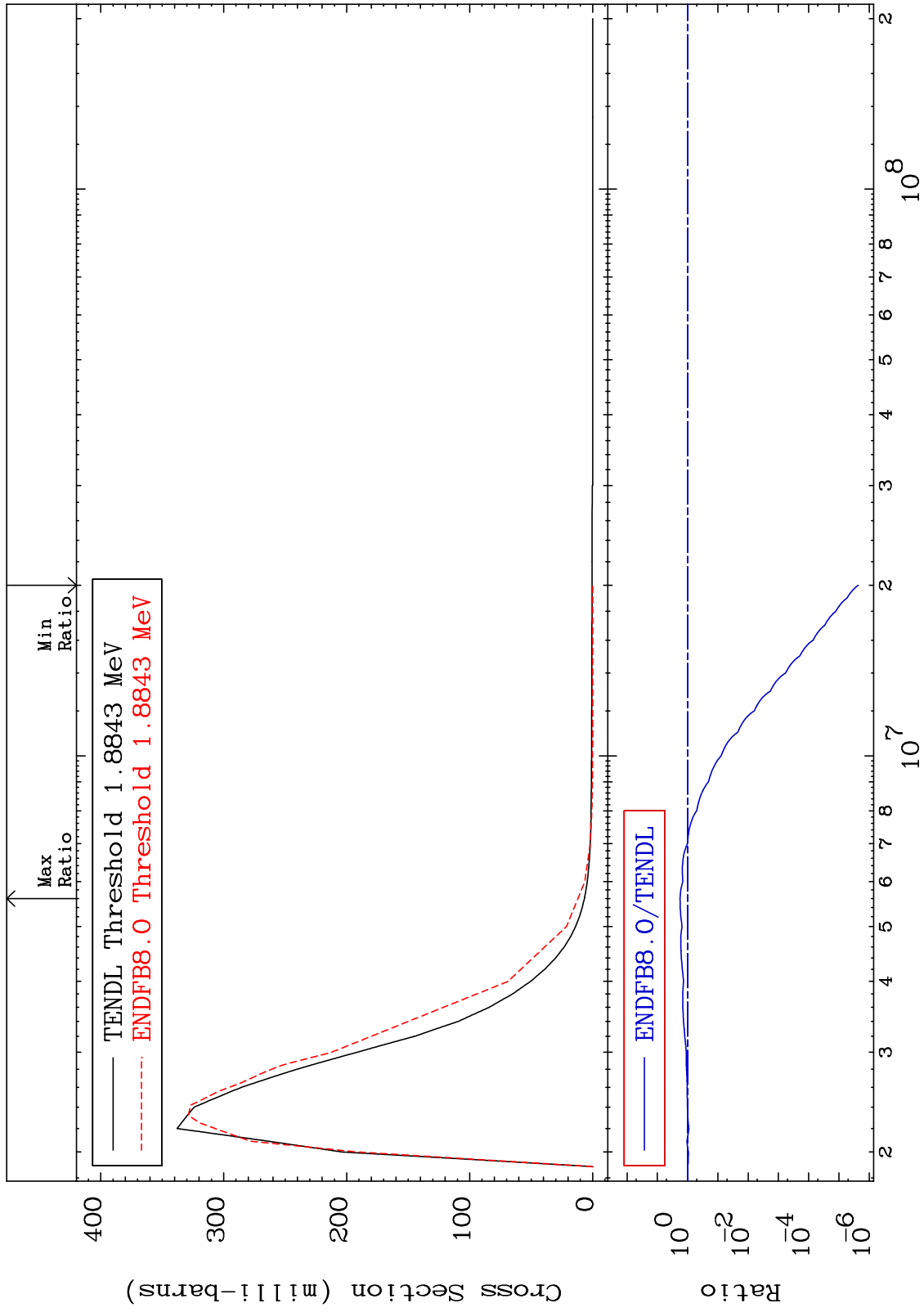
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-100.0 To 78.09 %



11

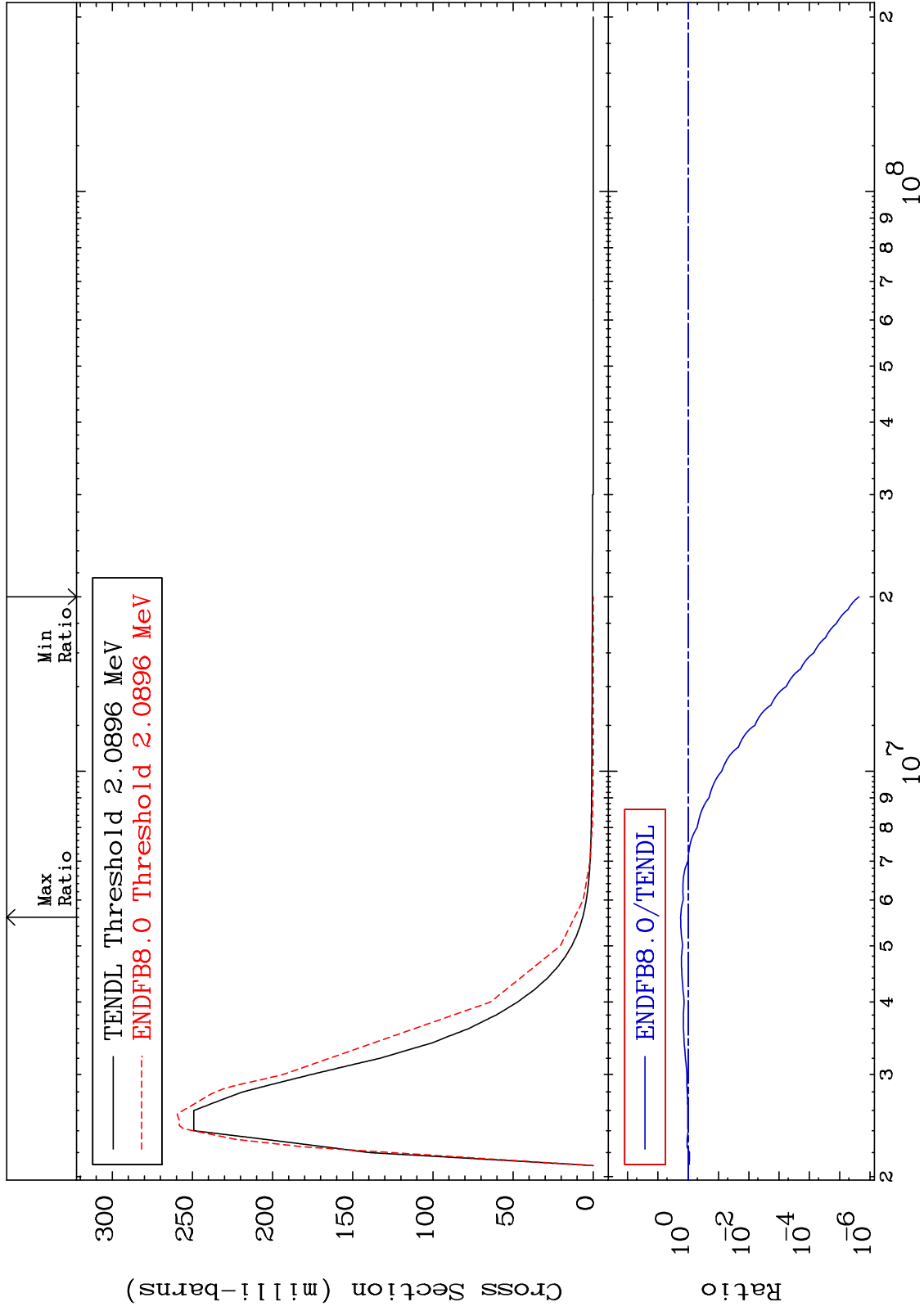
Incident Energy (eV)

42-Mo-94

MAT 4231

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

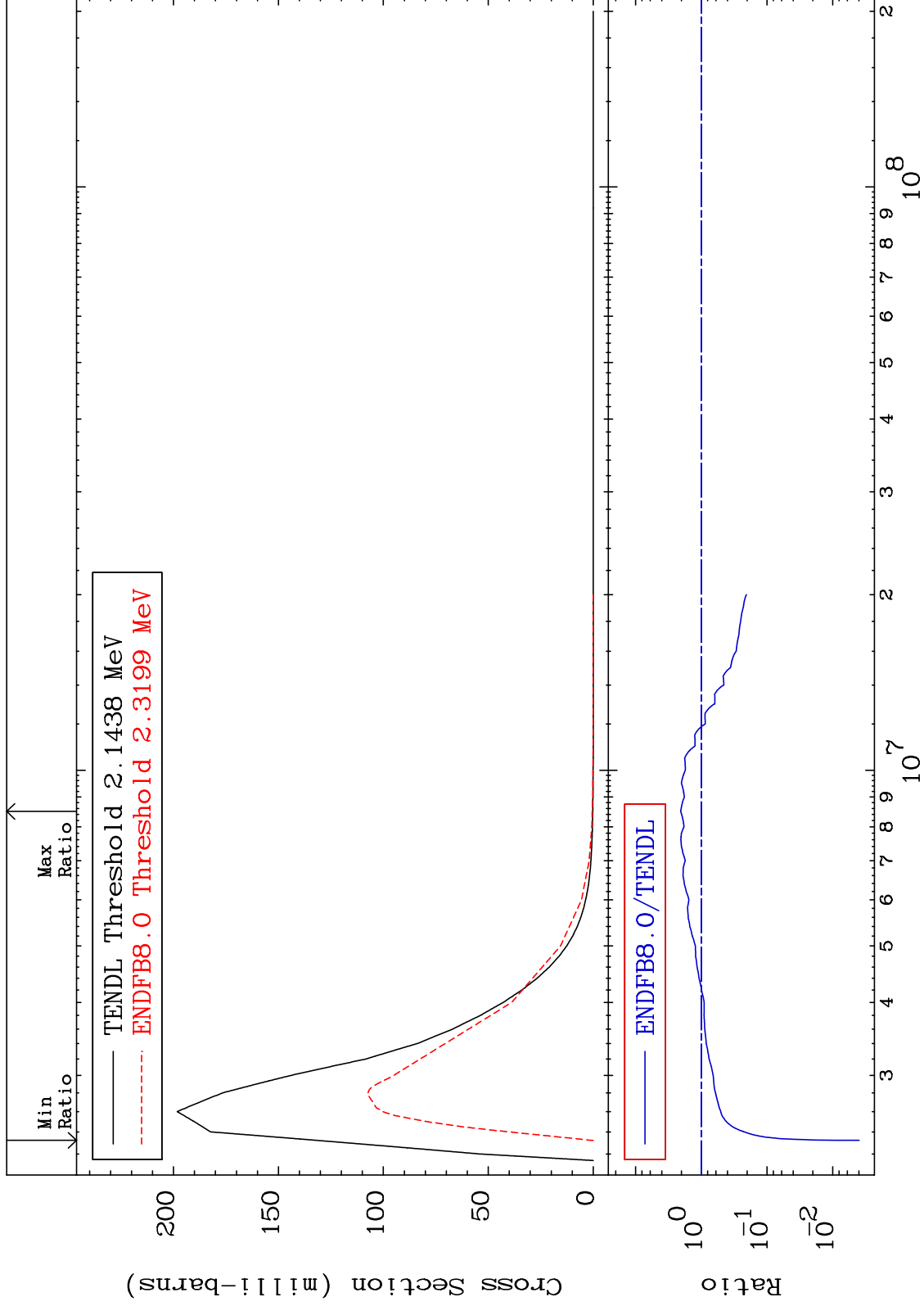
42-Mo-94
-100.0 To 77.75 %

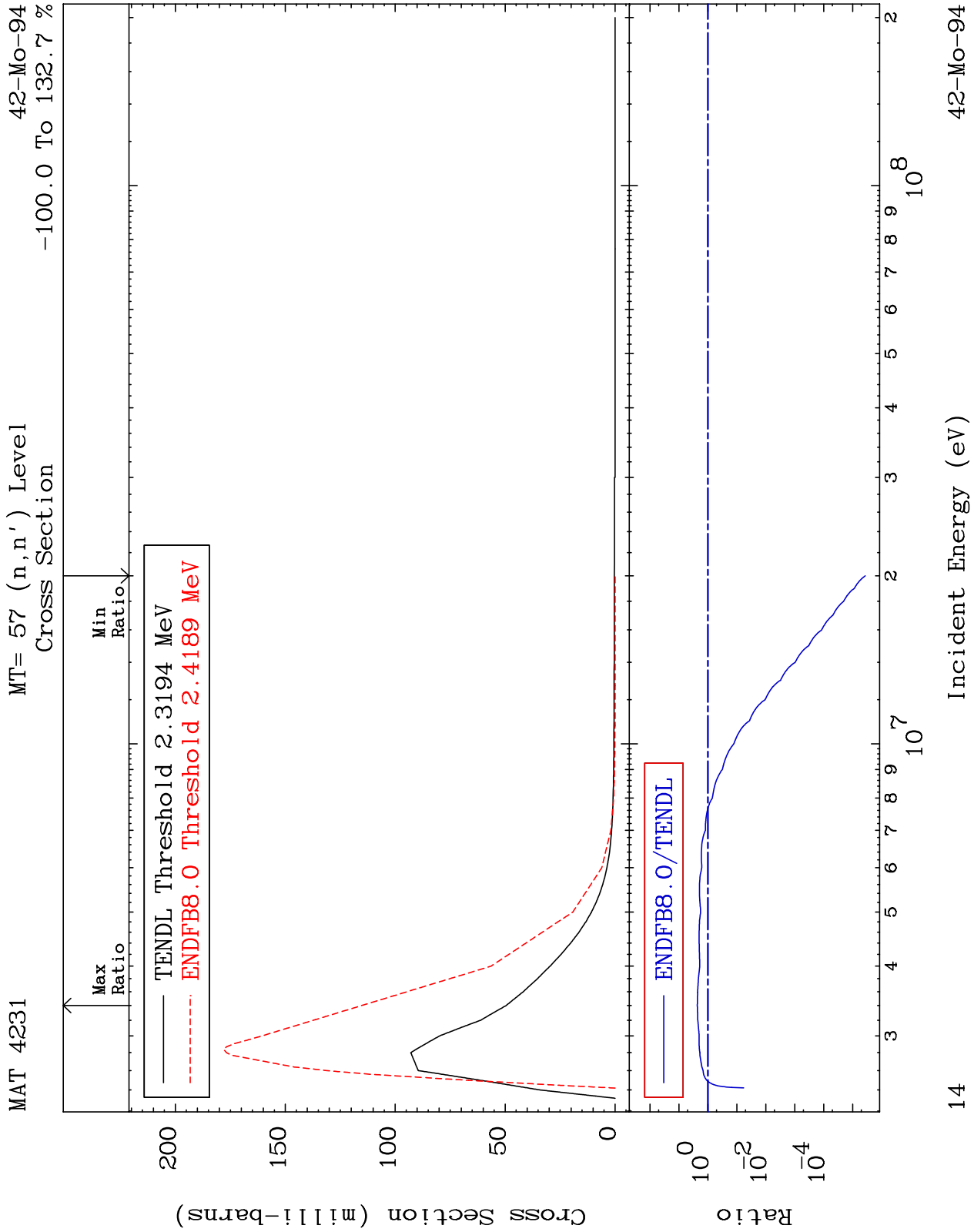


MAT 4231

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

42-Mo-94
-99.60 To 106.3 %

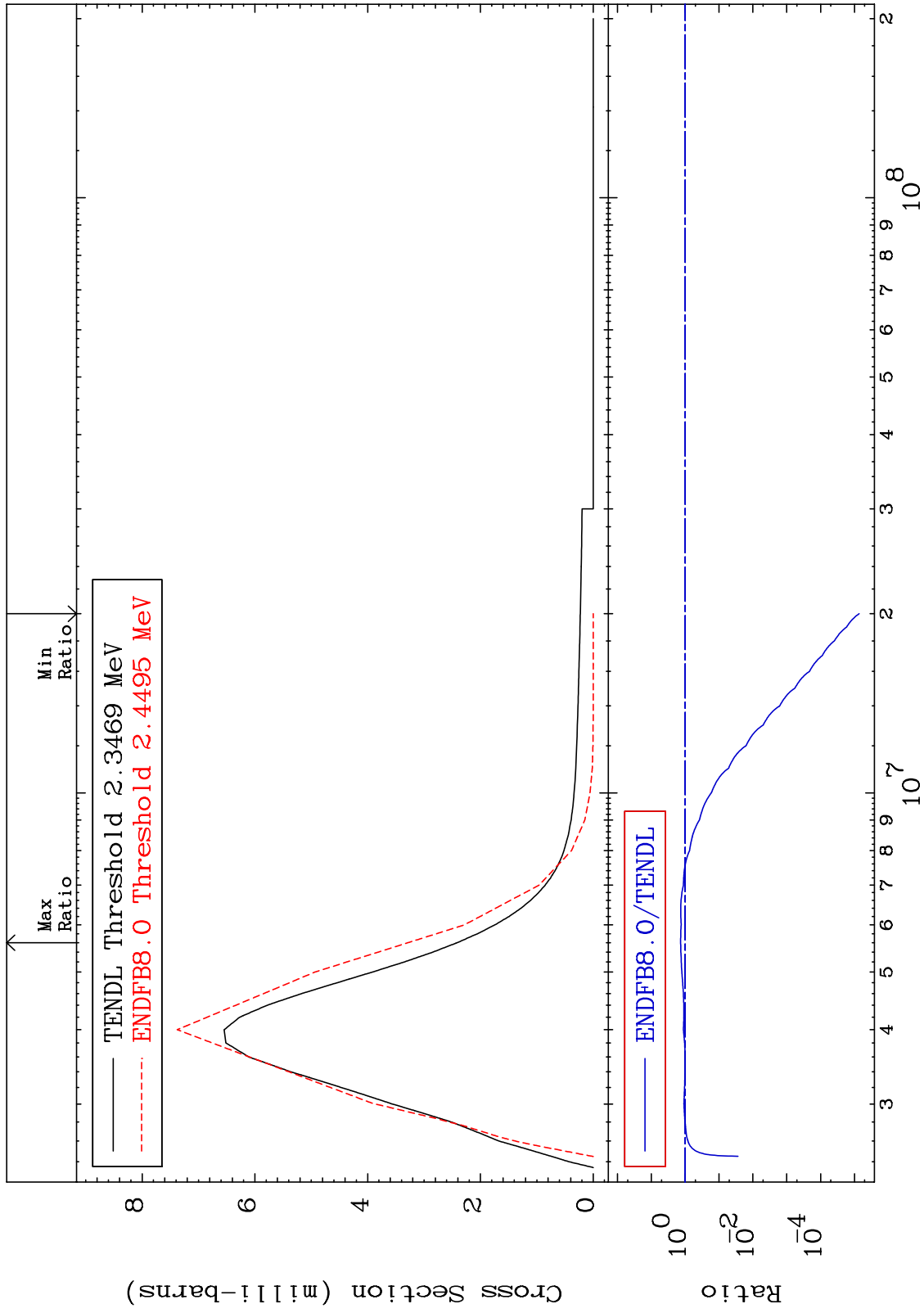




MAT 4231

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

42-Mo-94
-100.0 To 36.22 %



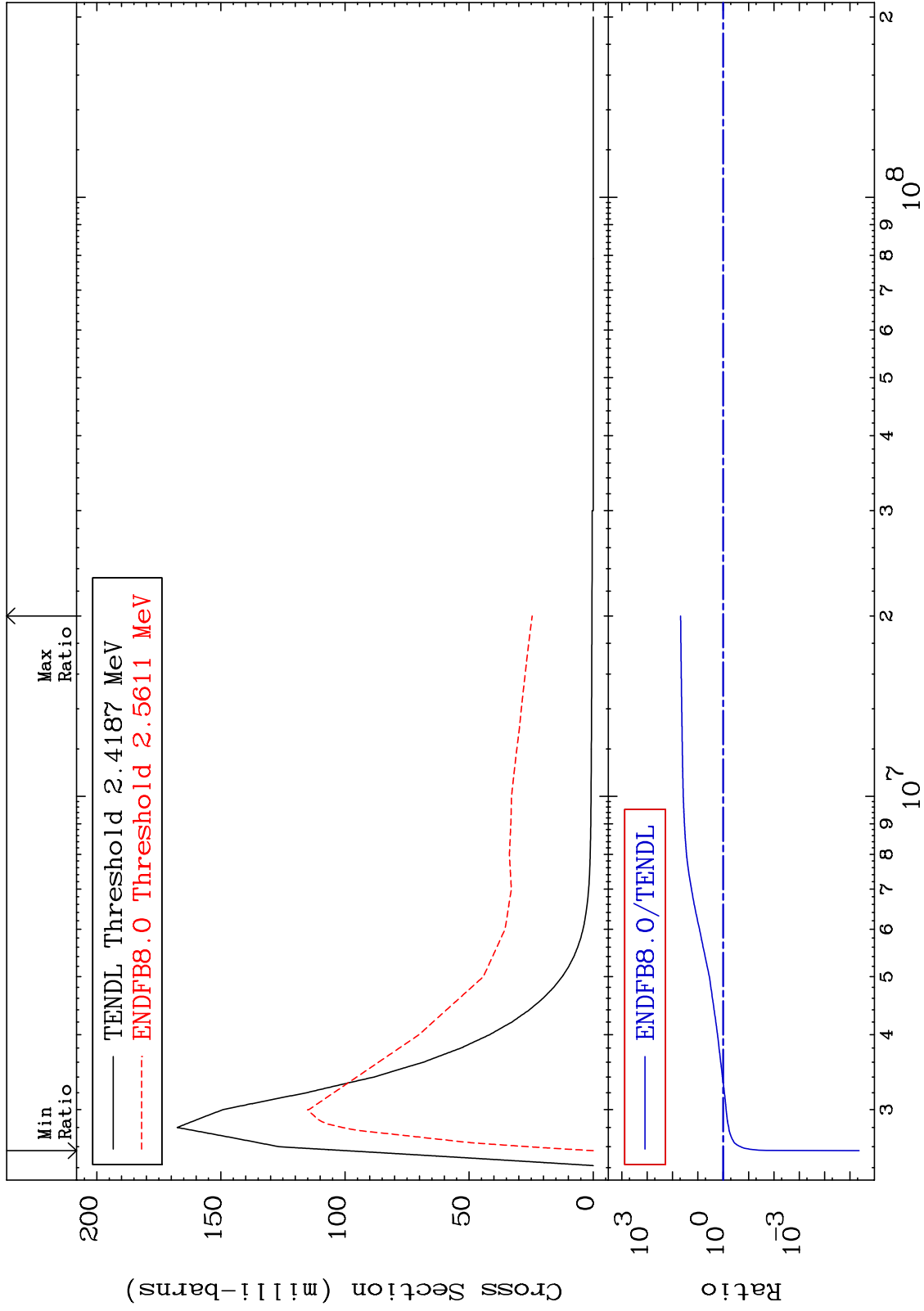
15

42-Mo-94

MAT 4231

MT= 59 (n,n') Level
Cross Section

42-Mo-94
-100.0 To 4698. %



16

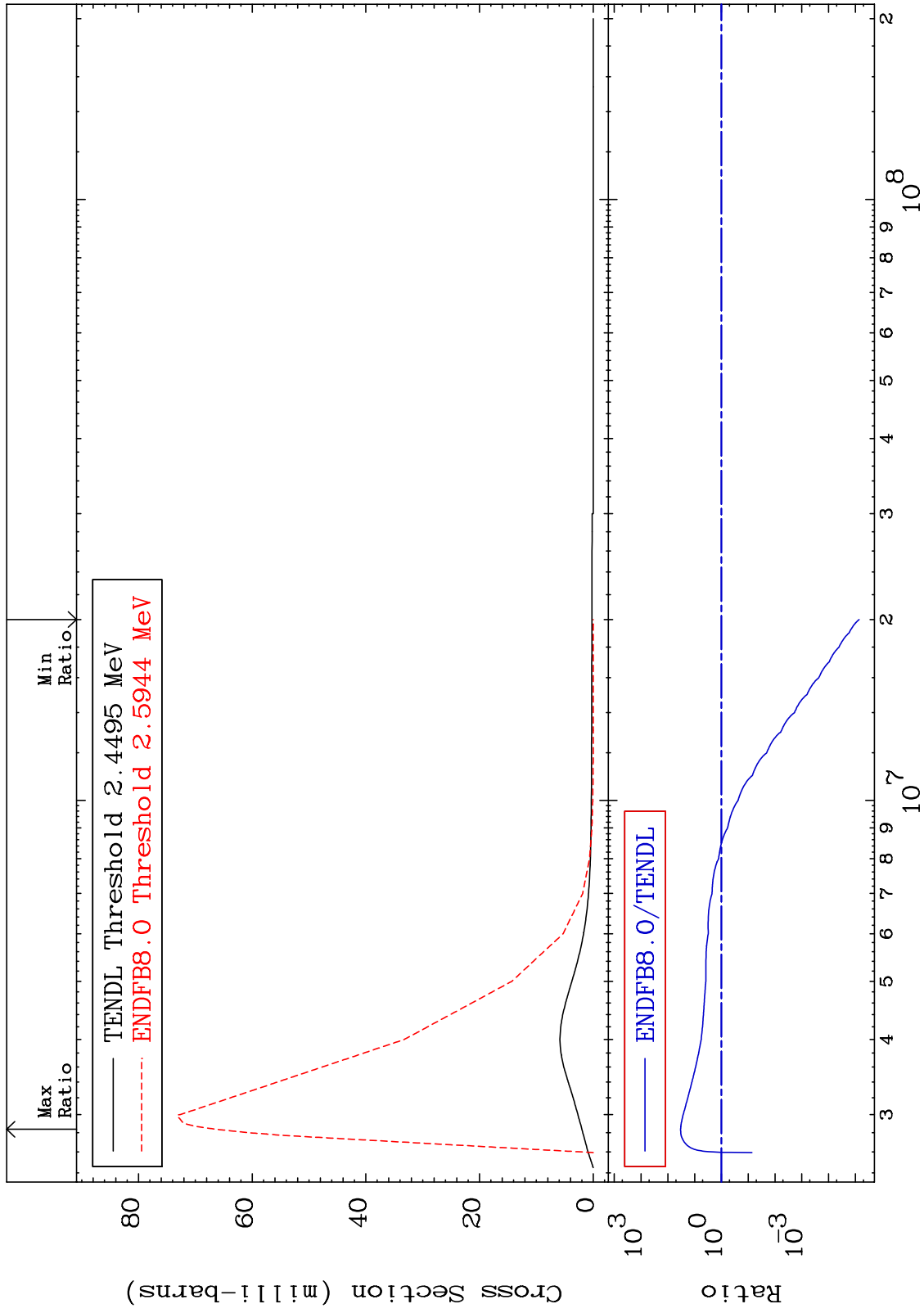
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-100.0 To 3237. %



17

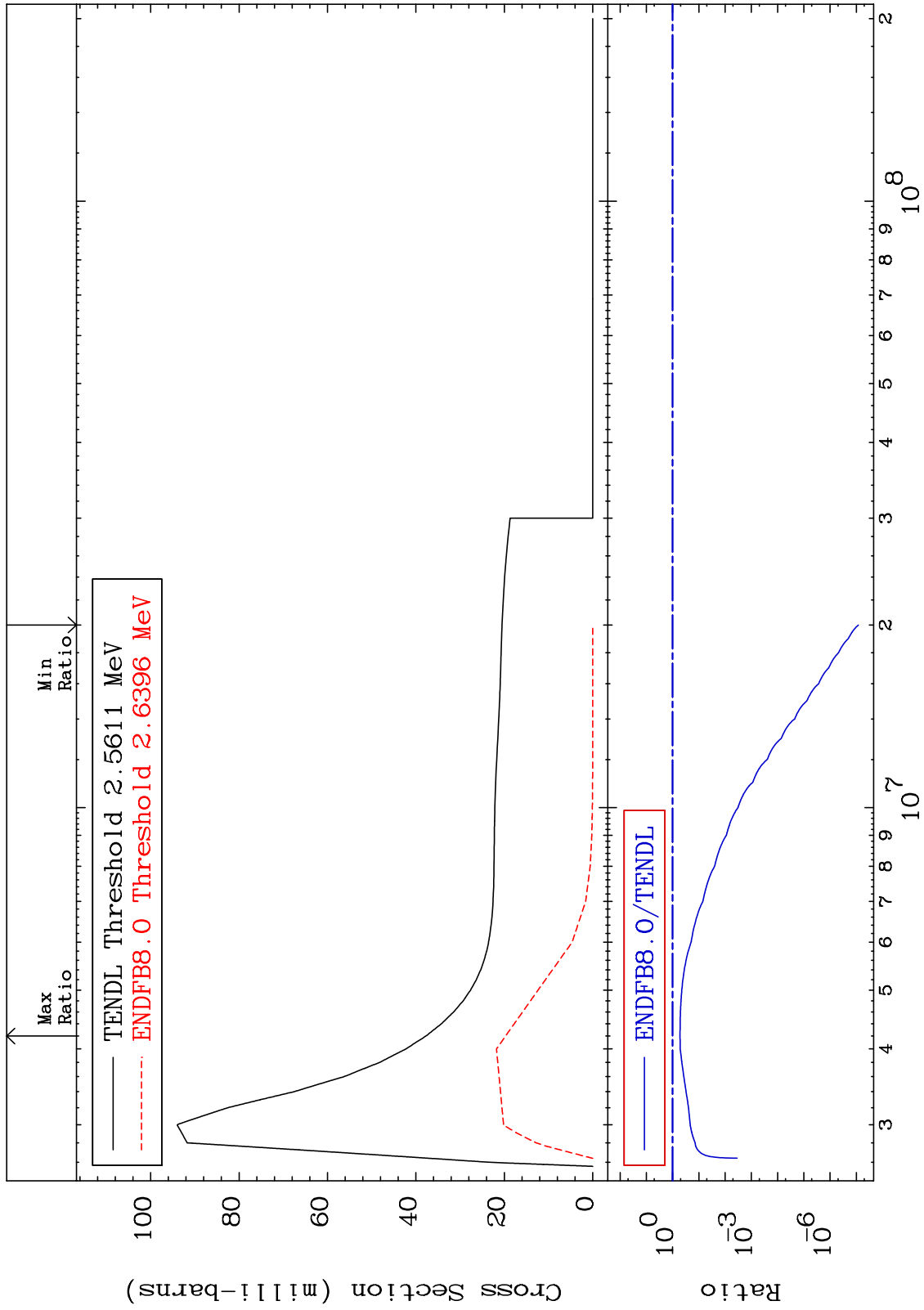
Incident Energy (eV)

42-Mo-94

MAT 4231

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

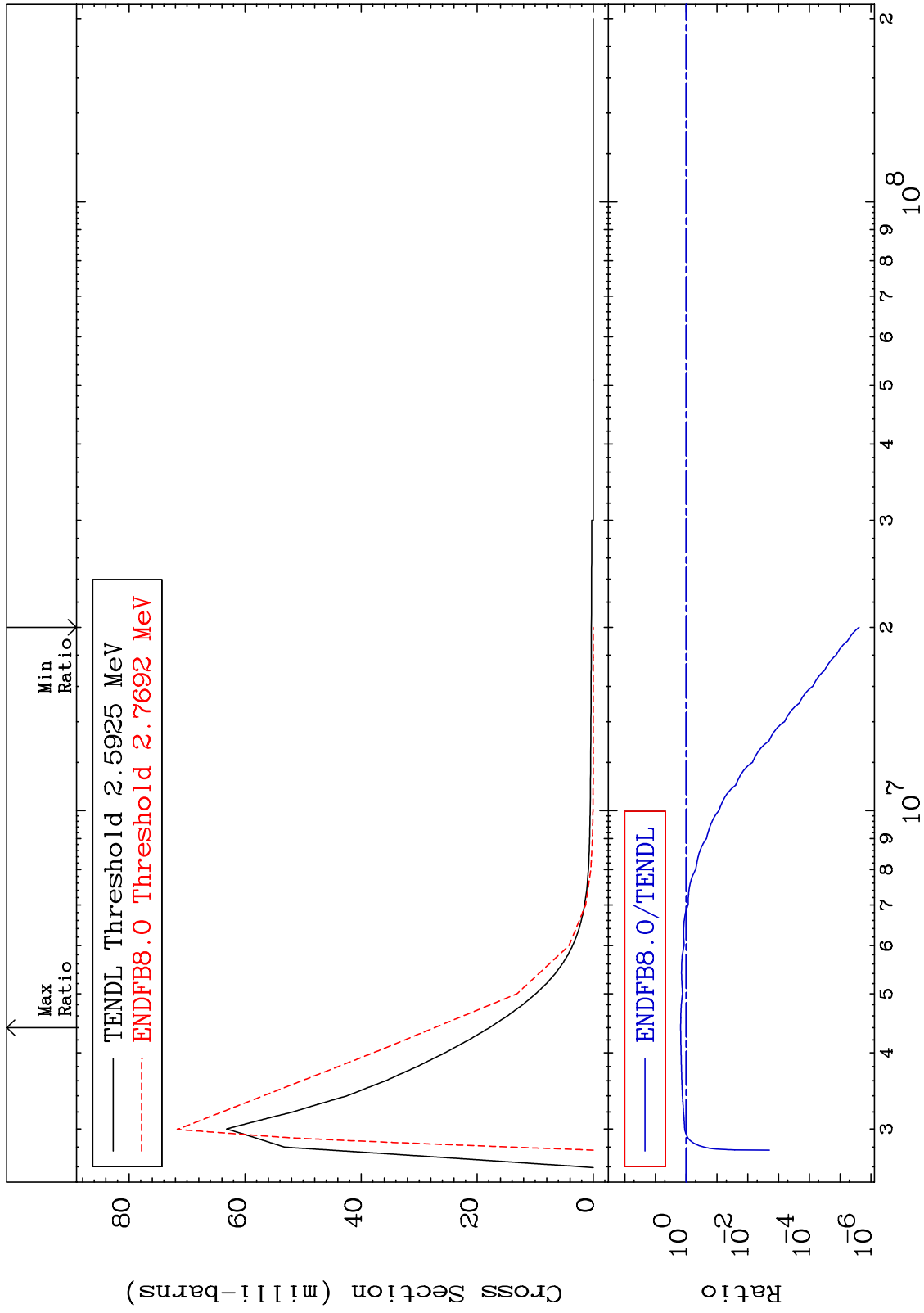
42-Mo-94
-100.0 To -47.75%



MAT 4231

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

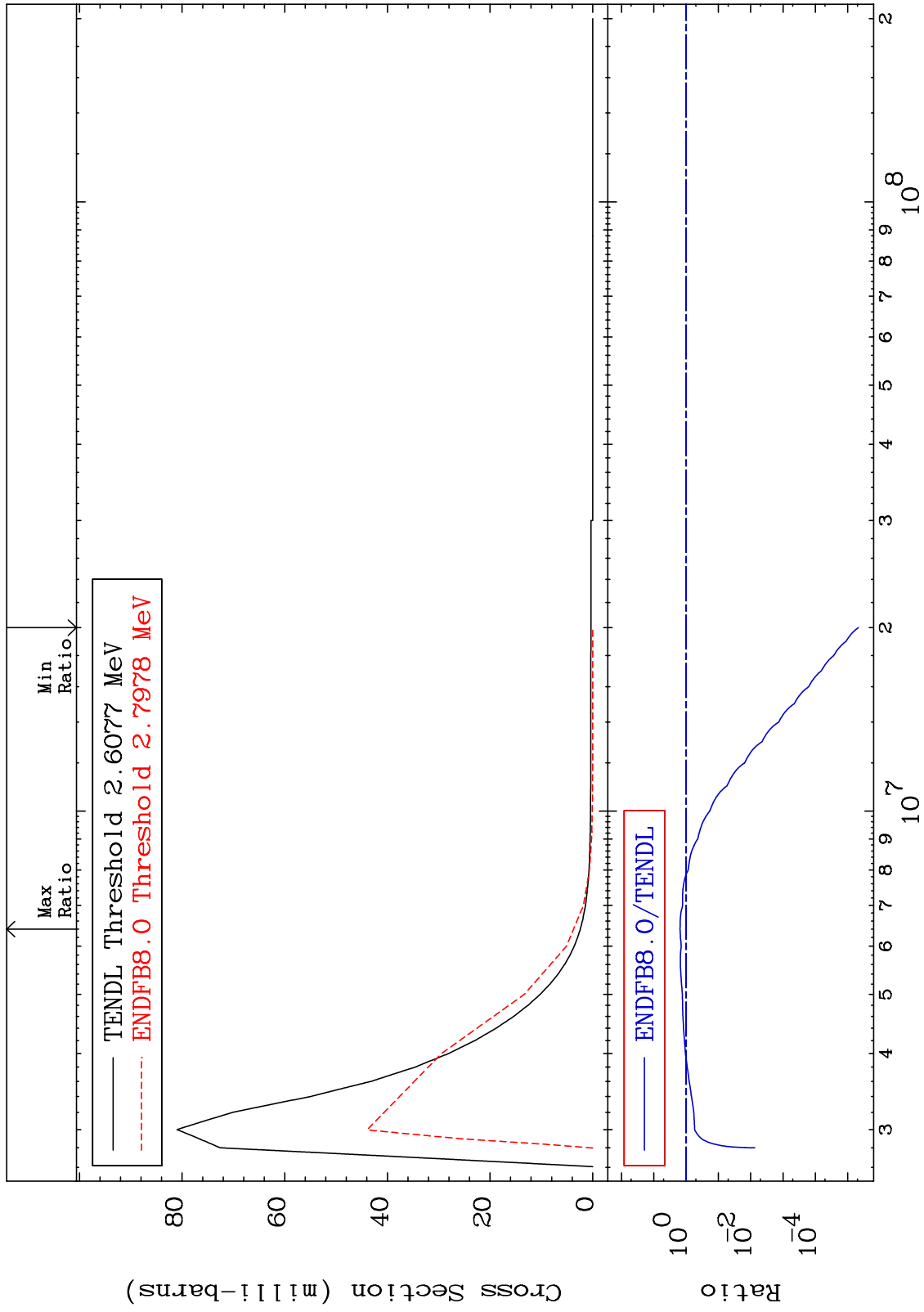
42-Mo-94
-100.0 To 52.98 %



MAT 4231

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

42-Mo-94
-100.0 To 54.13 %



20

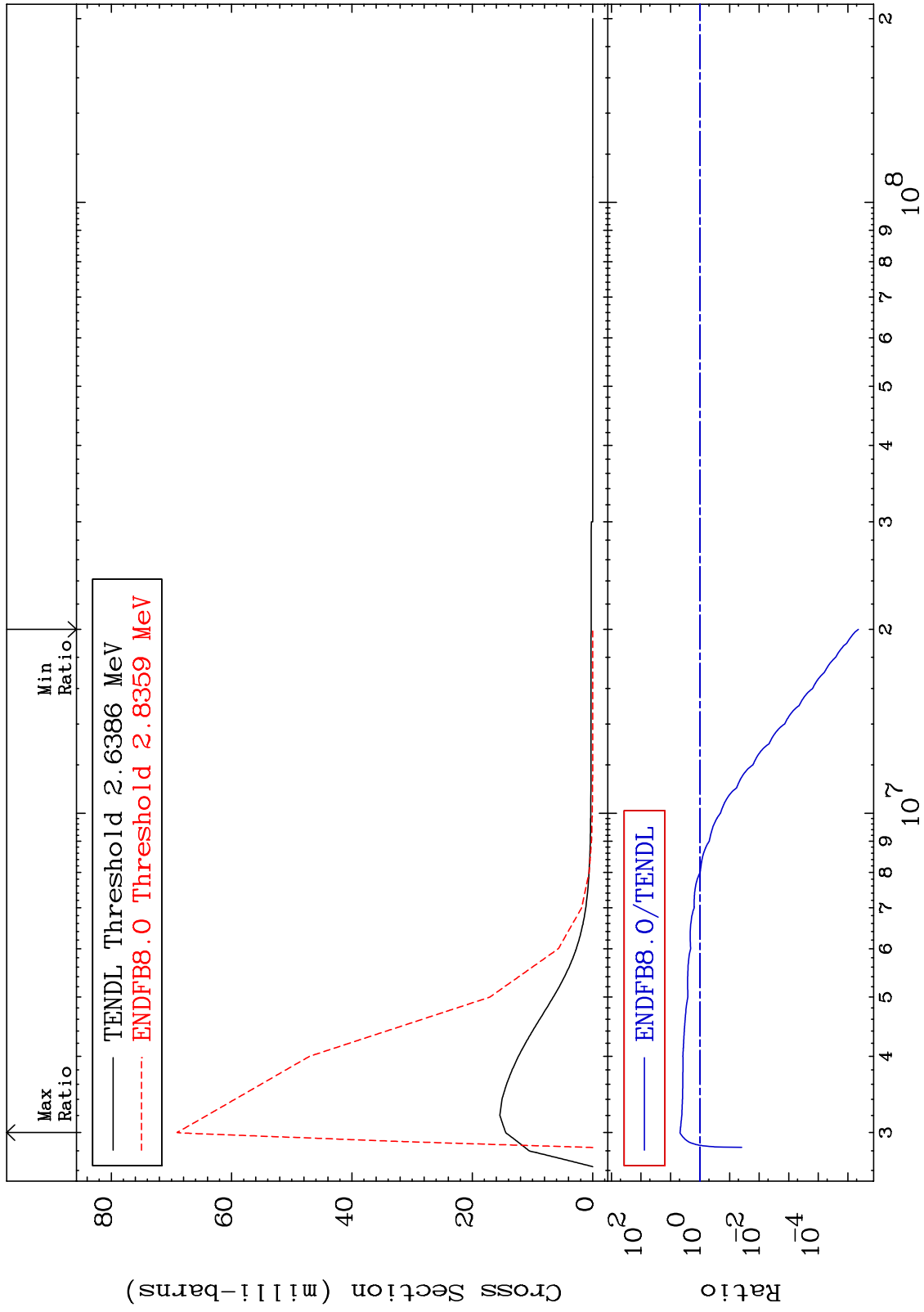
42-Mo-94

42-Mo-94

MAT 4231

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

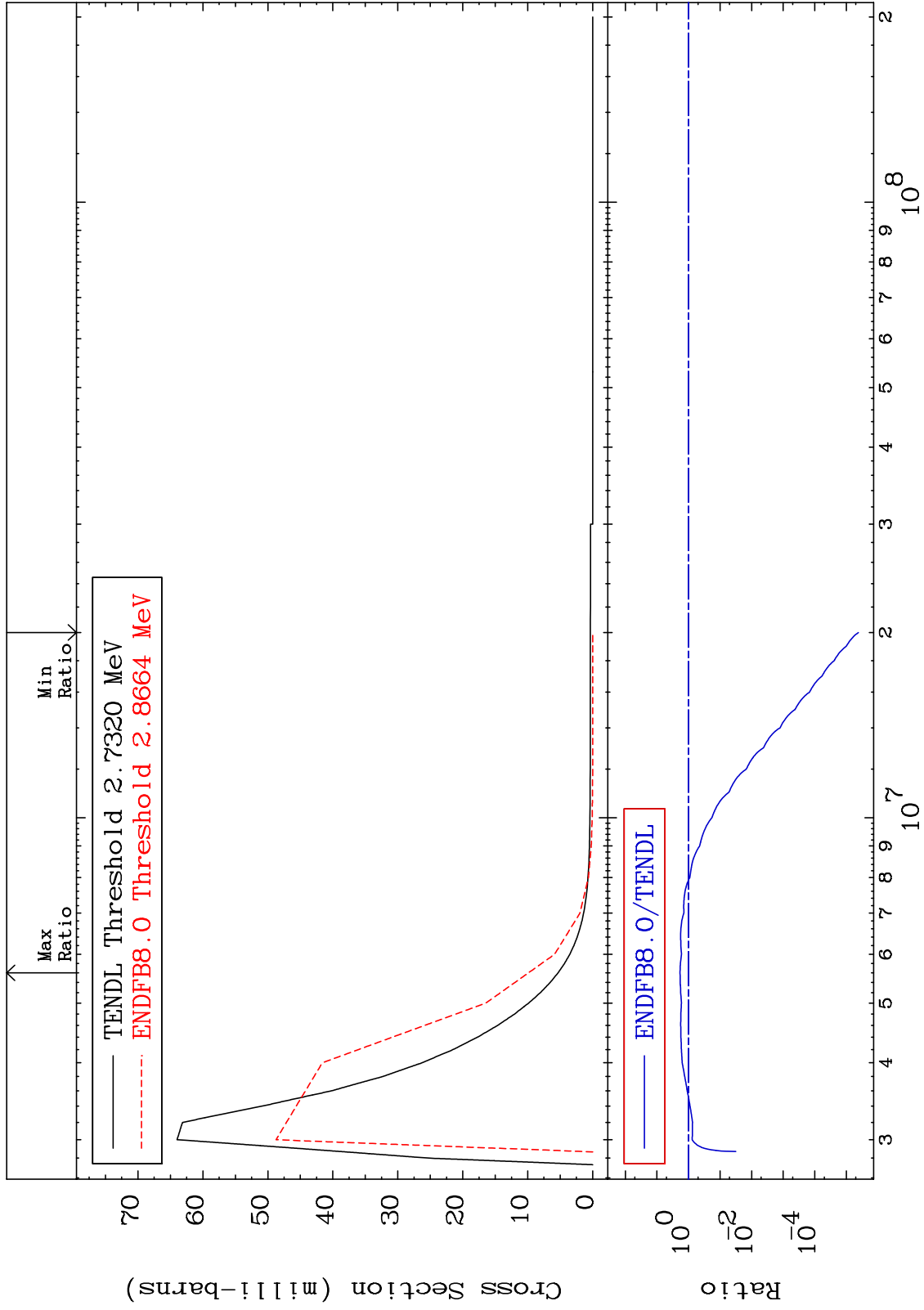
42-Mo-94
-100.0 To 377.2 %



MAT 4231

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

42-Mo-94
-100.0 To 85.52 %



22

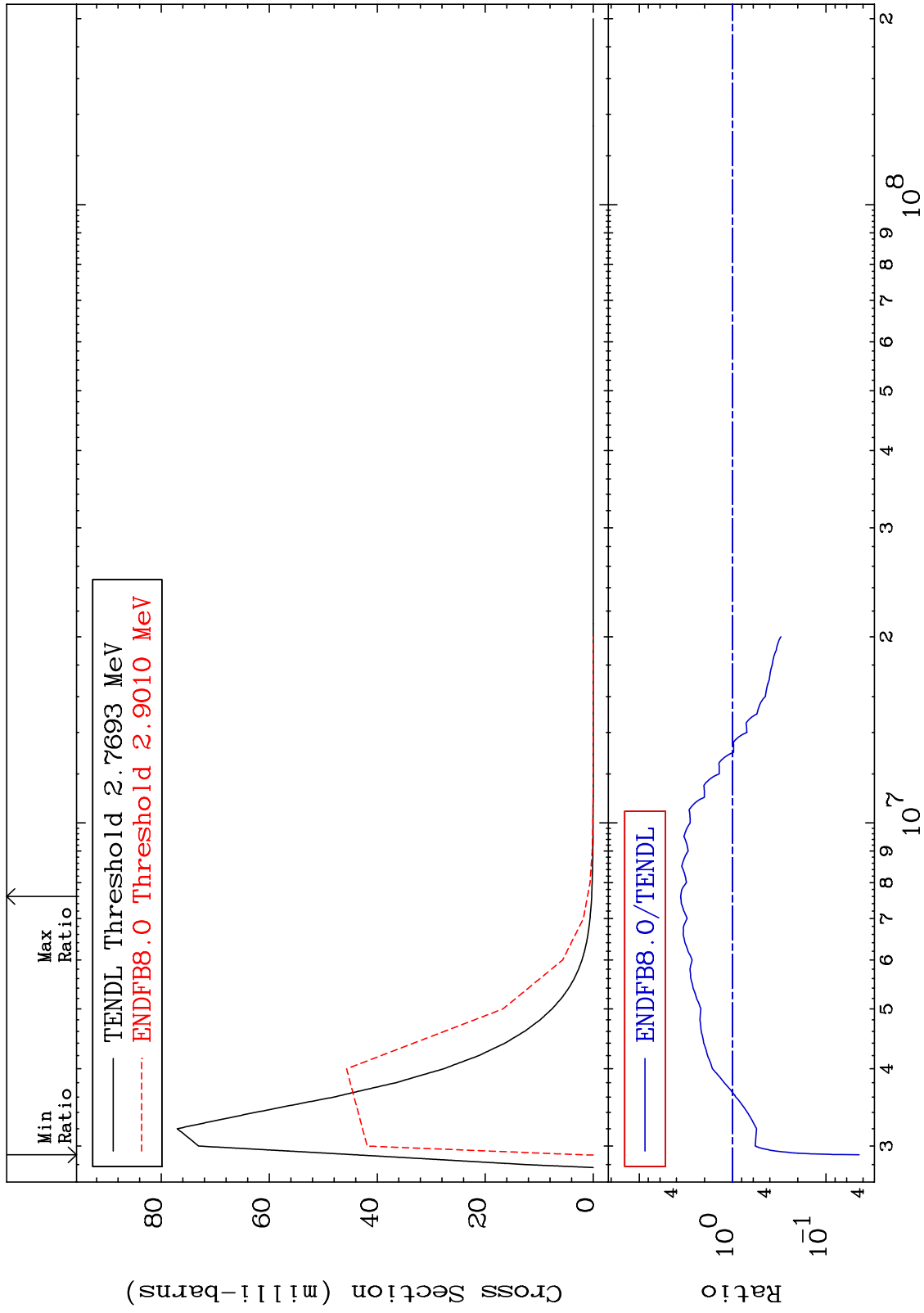
Incident Energy (eV)

42-Mo-94

MAT 4231

MT= 66 (n,n') Level
Cross Section

42-Mo-94
-95.59 To 260.4 %



23

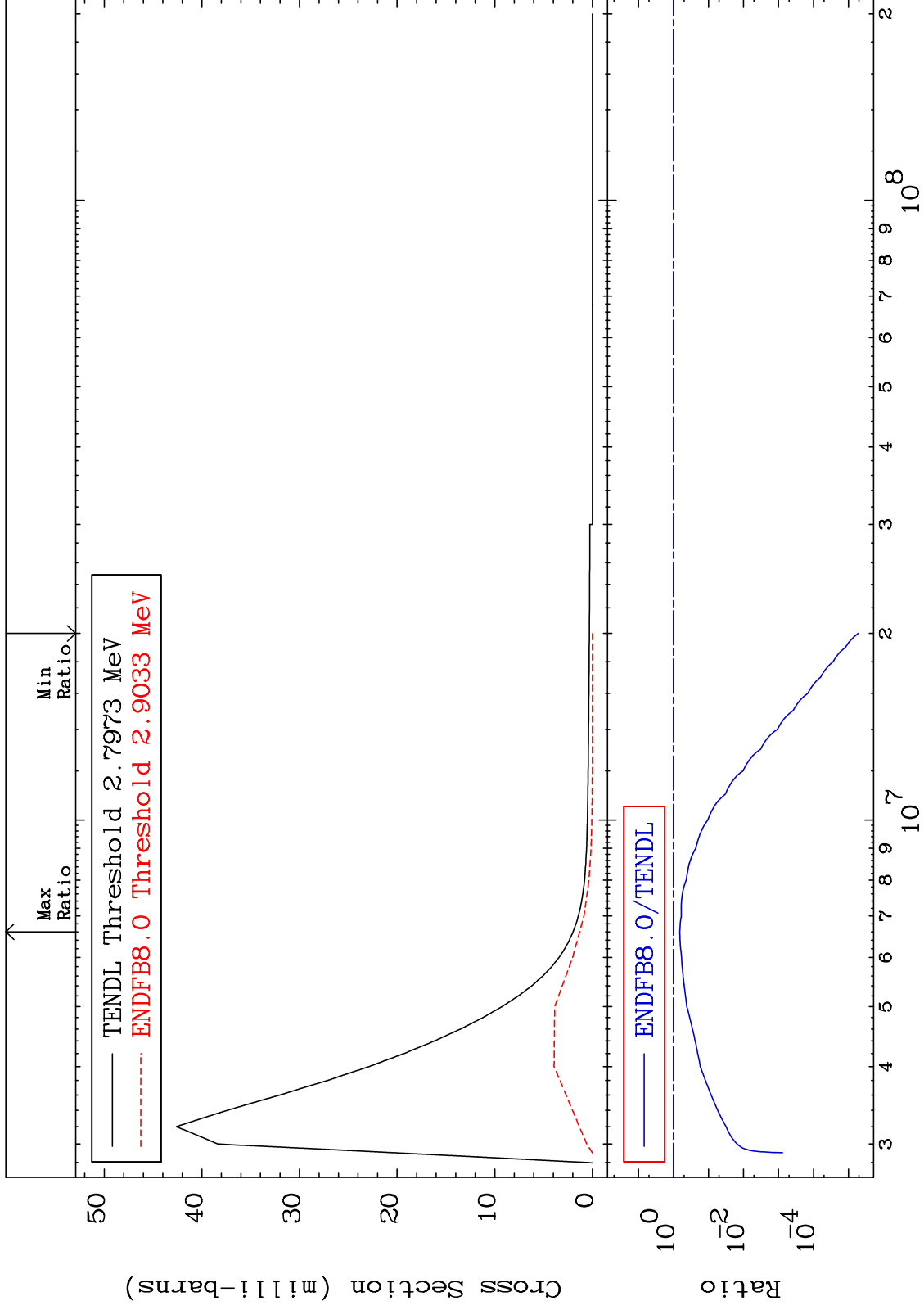
Incident Energy (eV)

42-Mo-94

MAT 4231

MT= 67 (n,n') Level
Cross Section

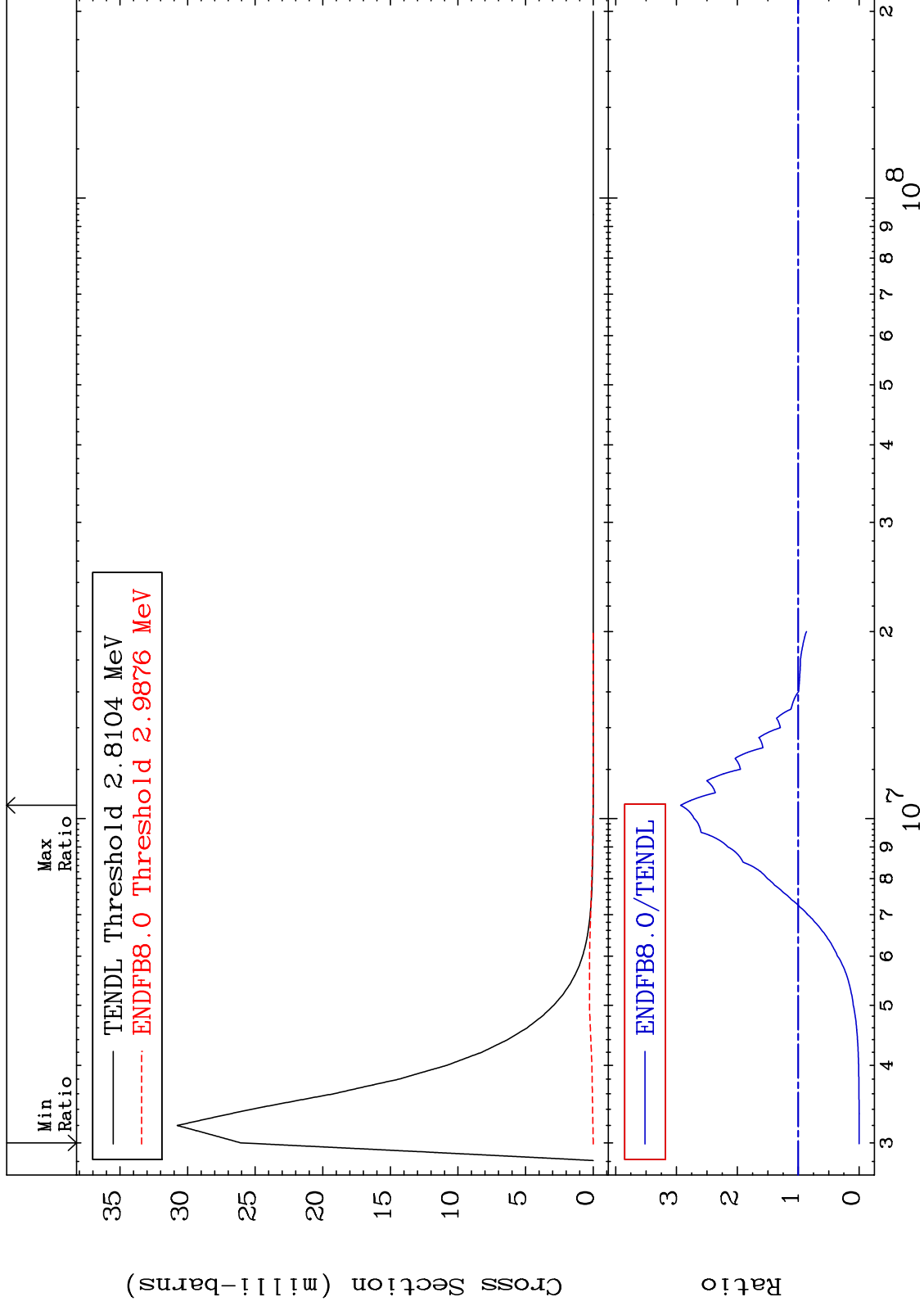
42-Mo-94
-100.0 To -33.89%



MAT 4231

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

42-Mo-94
-100.0 To 193.3 %



25

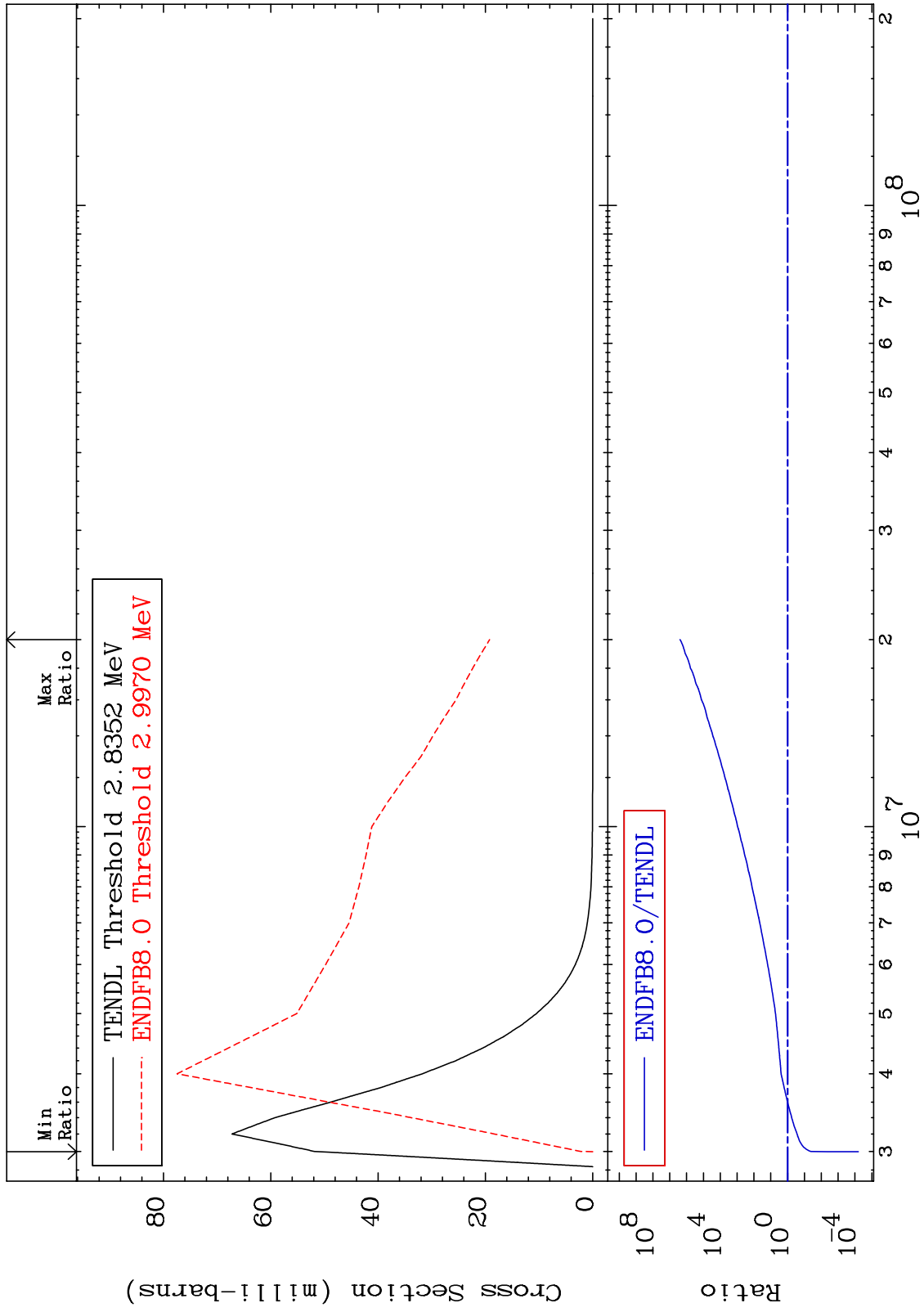
Incident Energy (eV)

42-Mo-94

MAT 4231

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

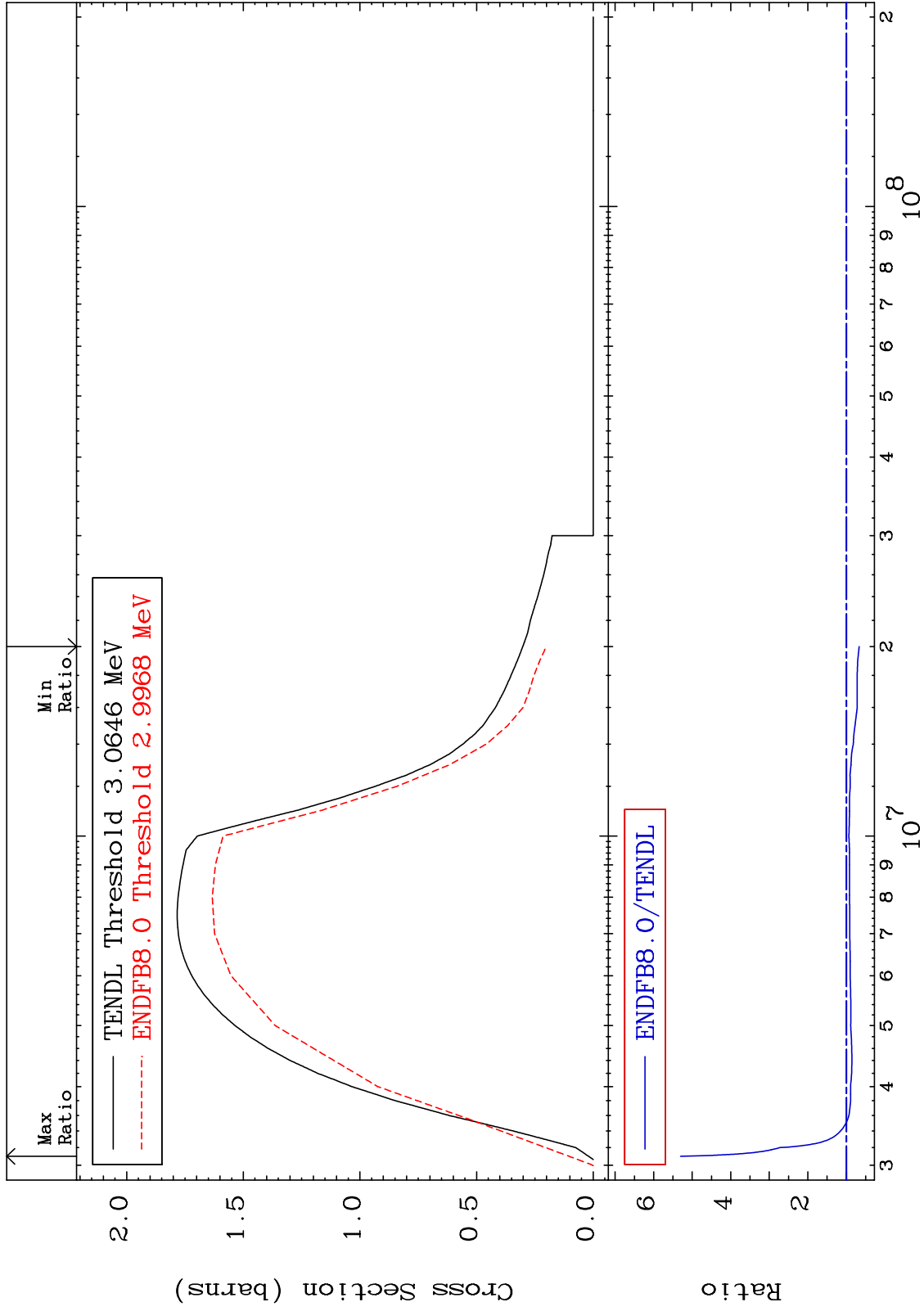
42-Mo-94
-99.99 To 9999. %



MAT 4231

(n, n') Continuum
Cross Section

42-Mo-94
-33.23 To 430.1 %



27

Incident Energy (eV)

42-Mo-94

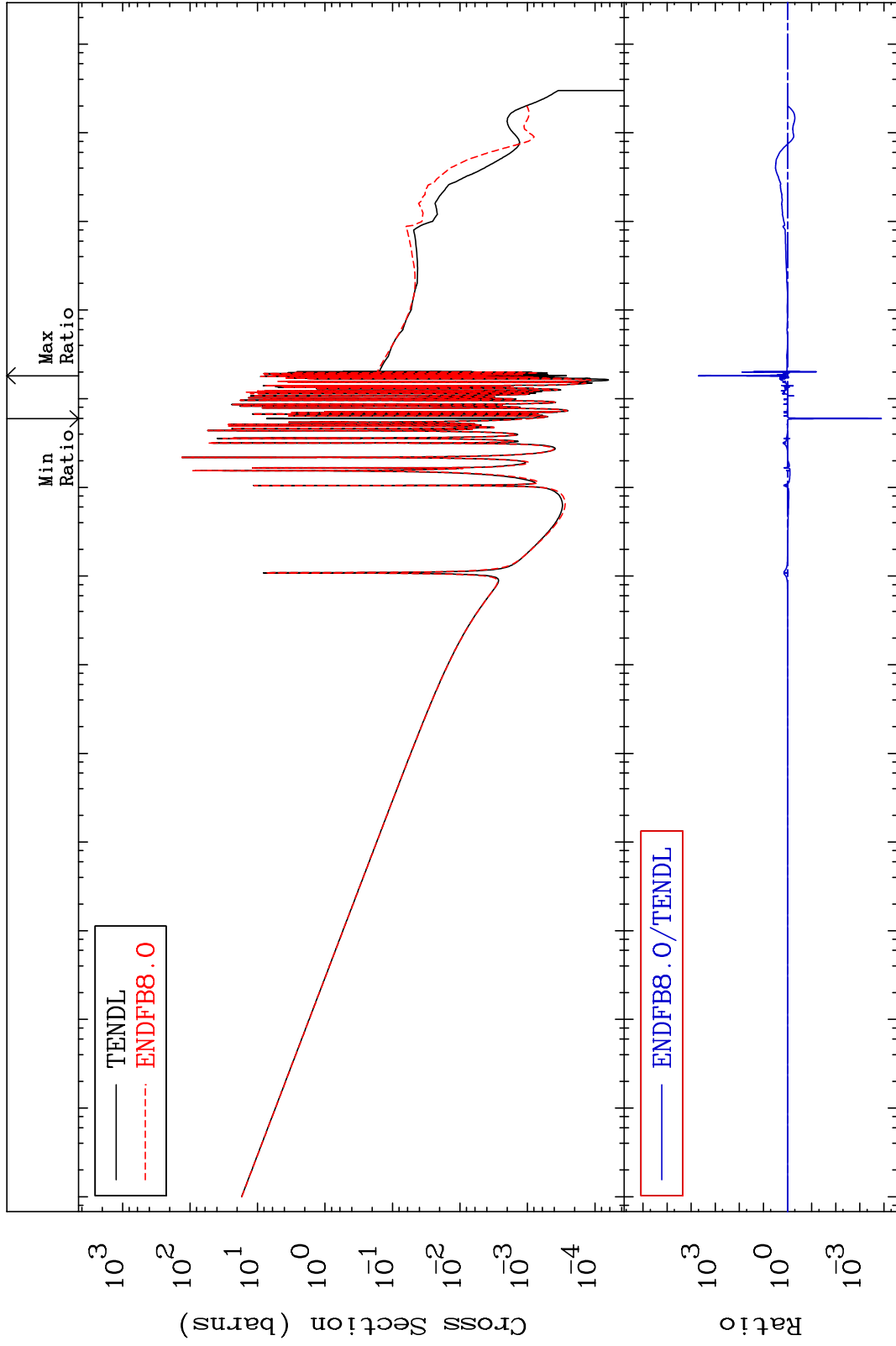
MAT 4231

(n, γ)

42-Mo-94

Cross Section

-99.99 To 9999. %



28

Incident Energy (eV)

42-Mo-94

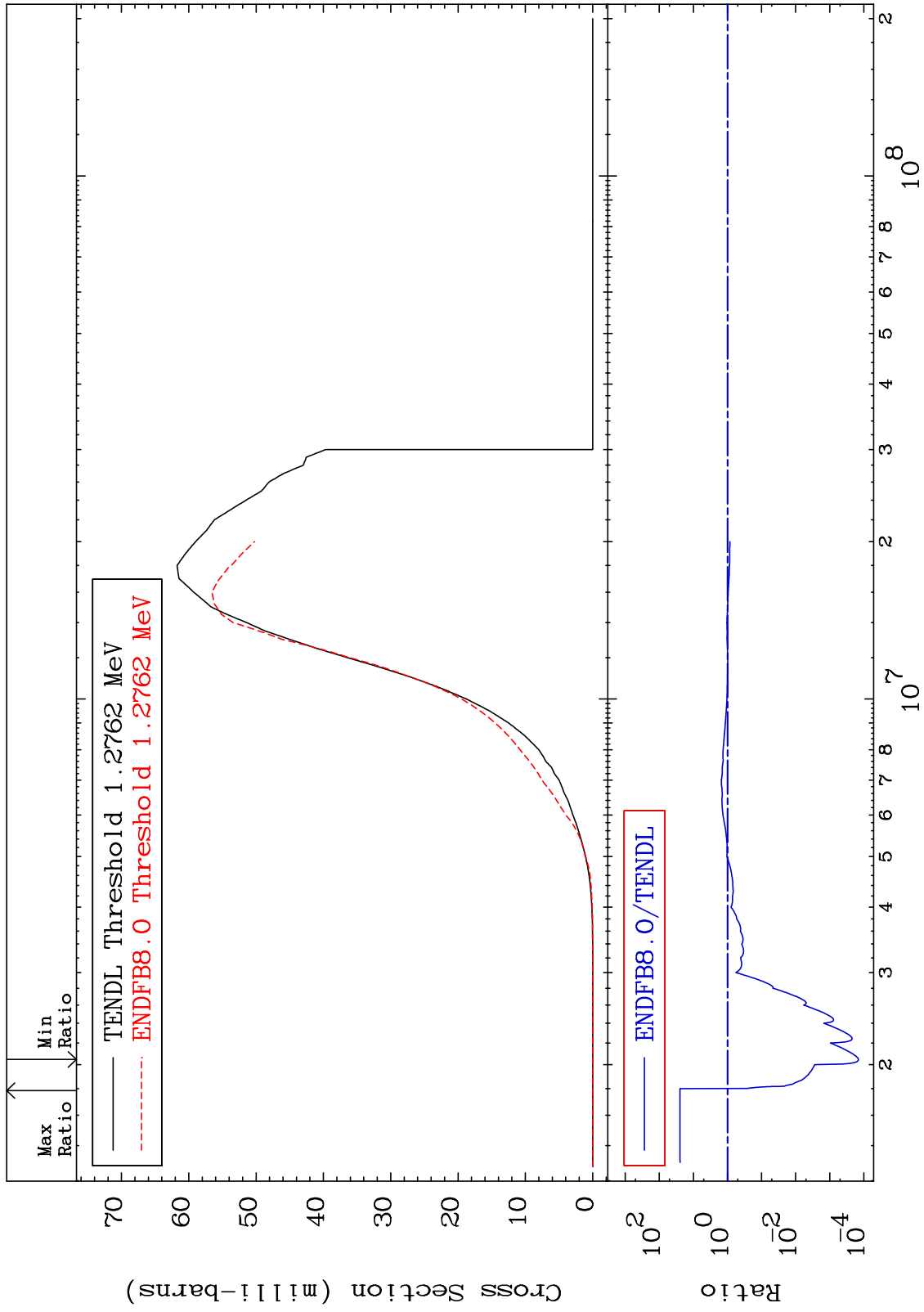
MAT 4231

(n,p)

42-Mo-94

Cross Section

-99.99 To 2369. %



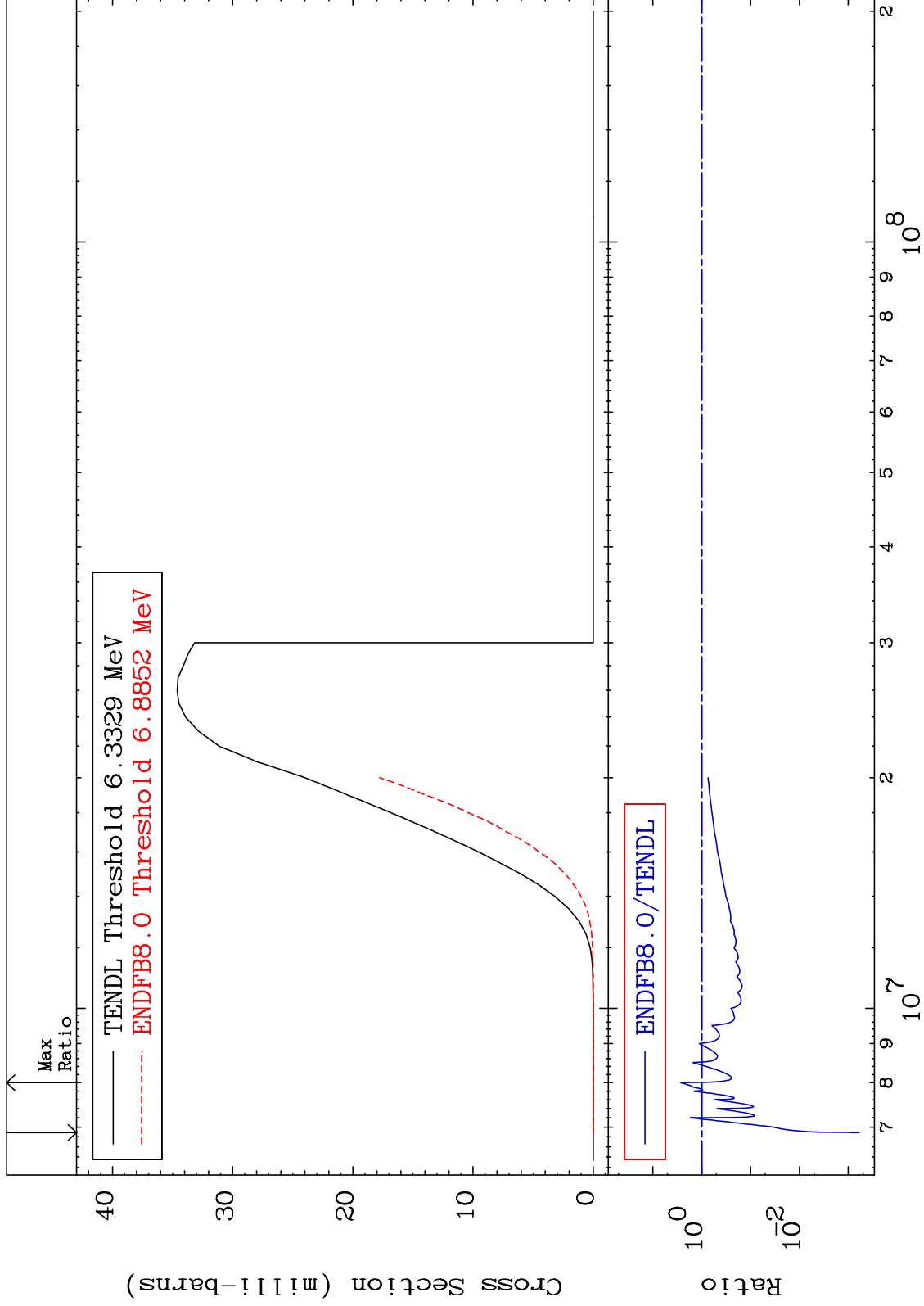
MAT 4231

(n, d)

42-Mo-94

Cross Section

-99.94 To 169.5 %



30

Incident Energy (eV)

42-Mo-94

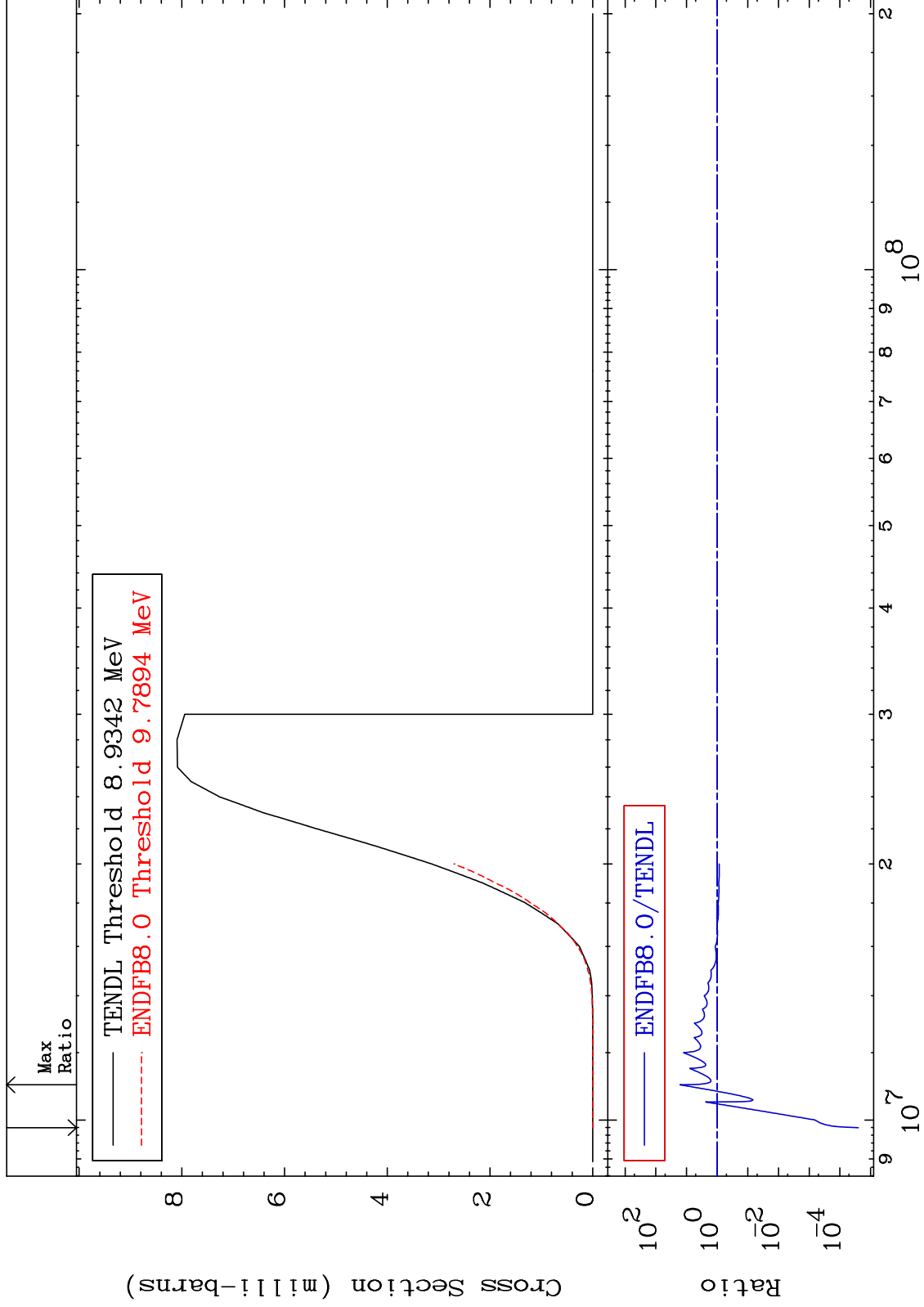
MAT 4231

(n, t)

42-Mo-94

Cross Section

-100.0 To 1525. %



31

Incident Energy (eV)

42-Mo-94

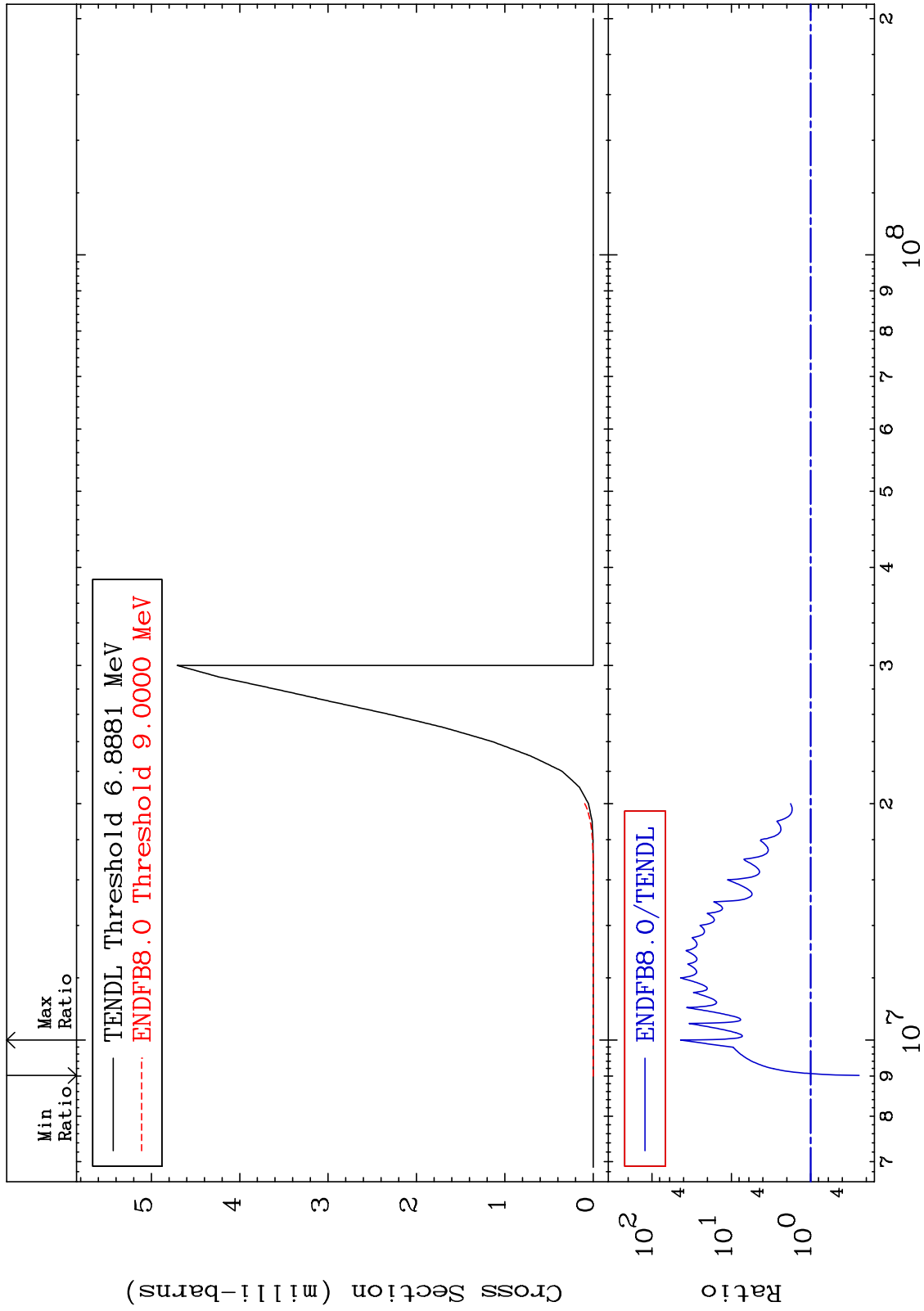
MAT 4231

(n, He-3)

42-Mo-94

Cross Section

-75.46 To 4259. %



32

Incident Energy (eV)

42-Mo-94

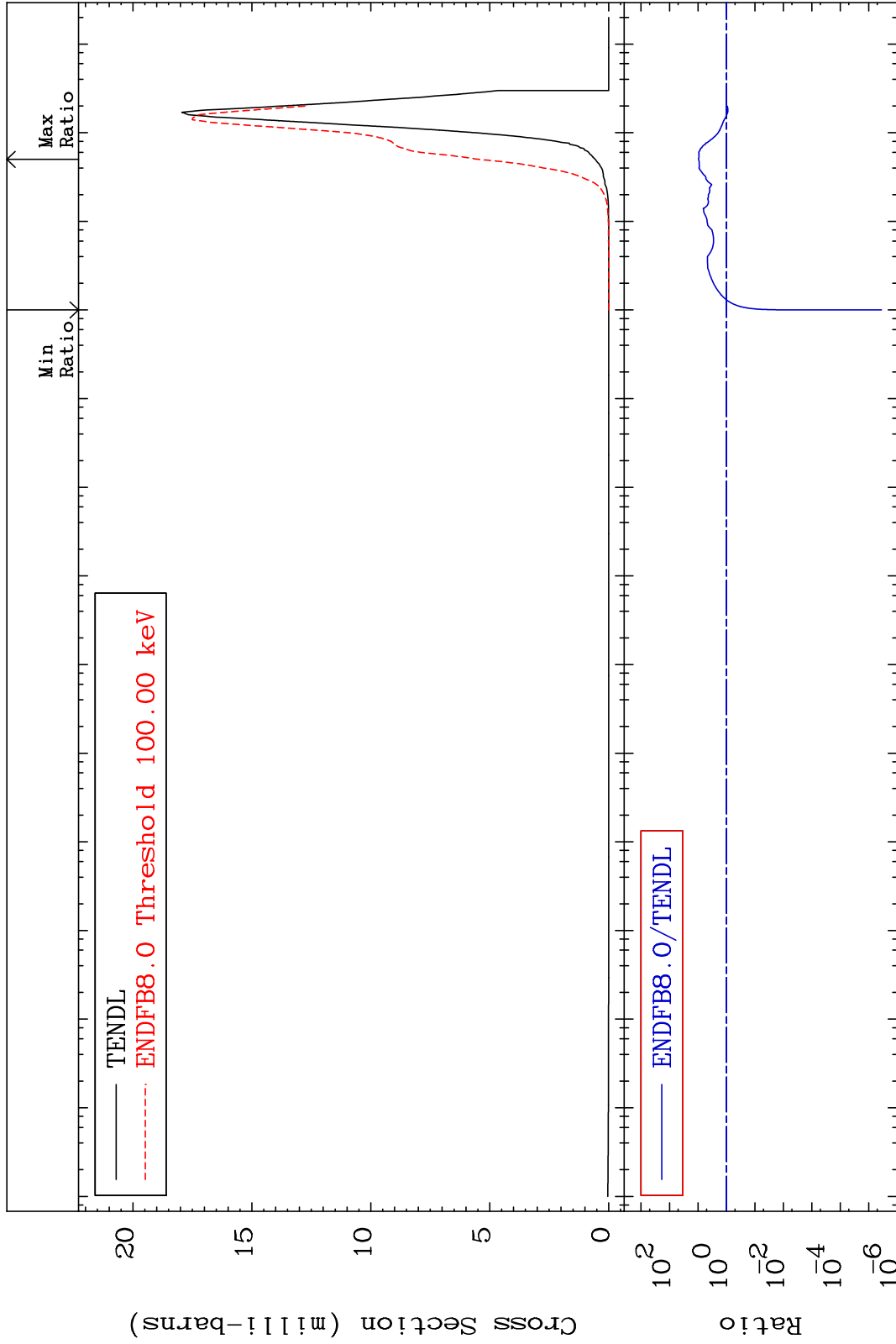
MAT 4231

(n, α)

42-Mo-94

Cross Section

-100.0 To 868.8 %



Incident Energy (eV)

42-Mo-94

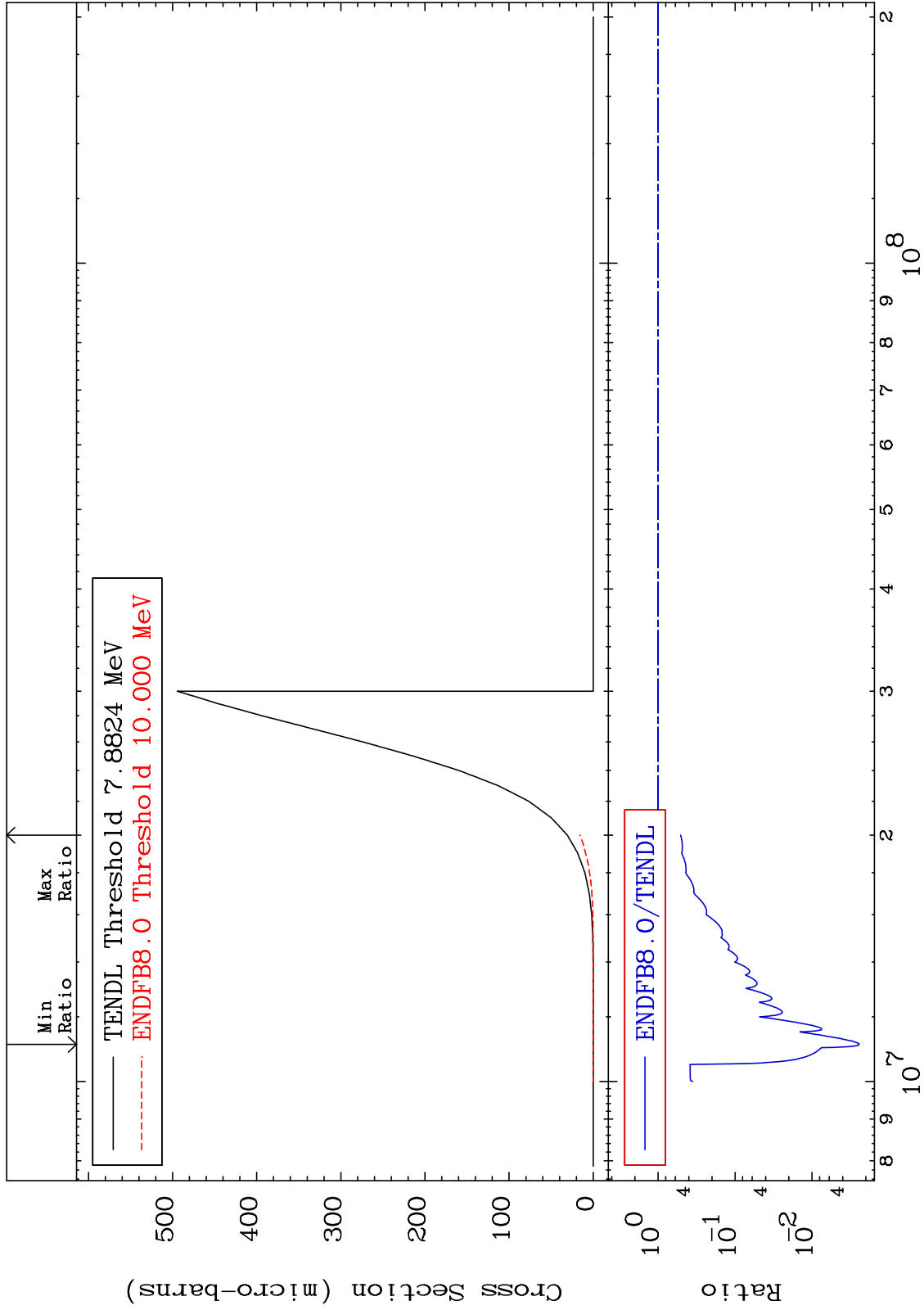
MAT 4231

(n,2p)

42-Mo-94

Cross Section

-99.76 To -48.96%



34

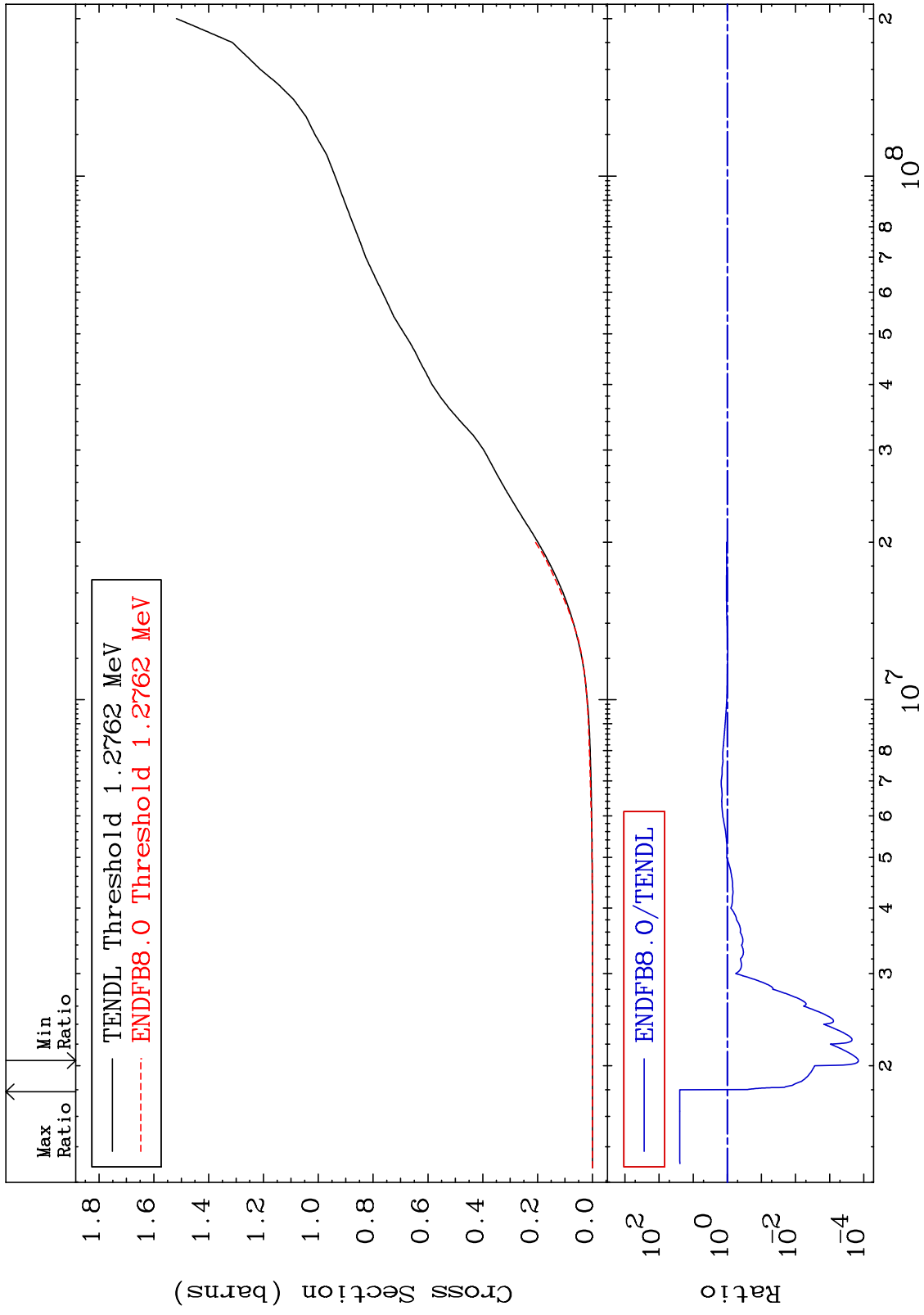
Incident Energy (eV)

42-Mo-94

MAT 4231

Hydrogen Production
Cross Section

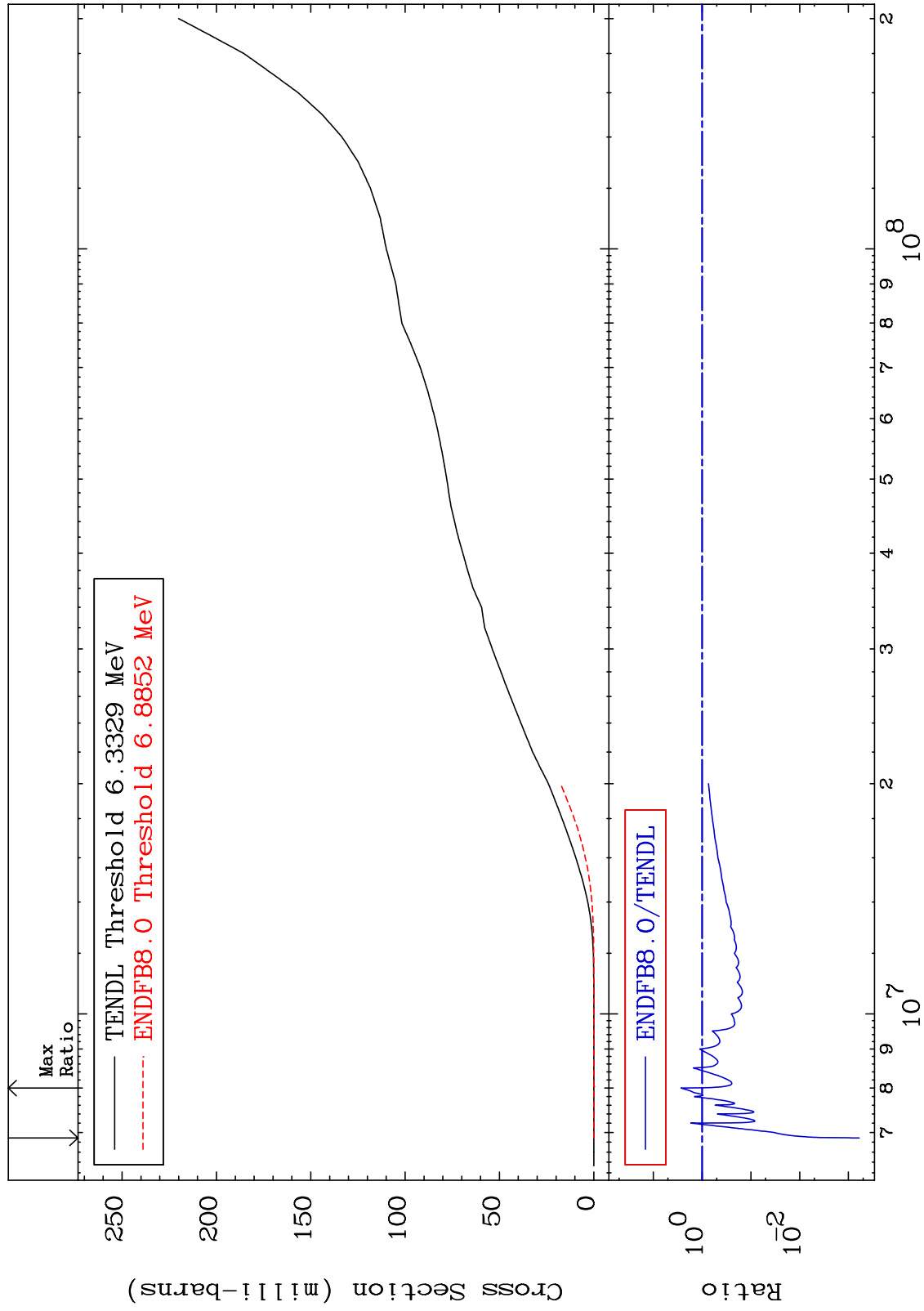
42-Mo-94
-99.99 To 2369. %



MAT 4231

Deuterium Production
Cross Section

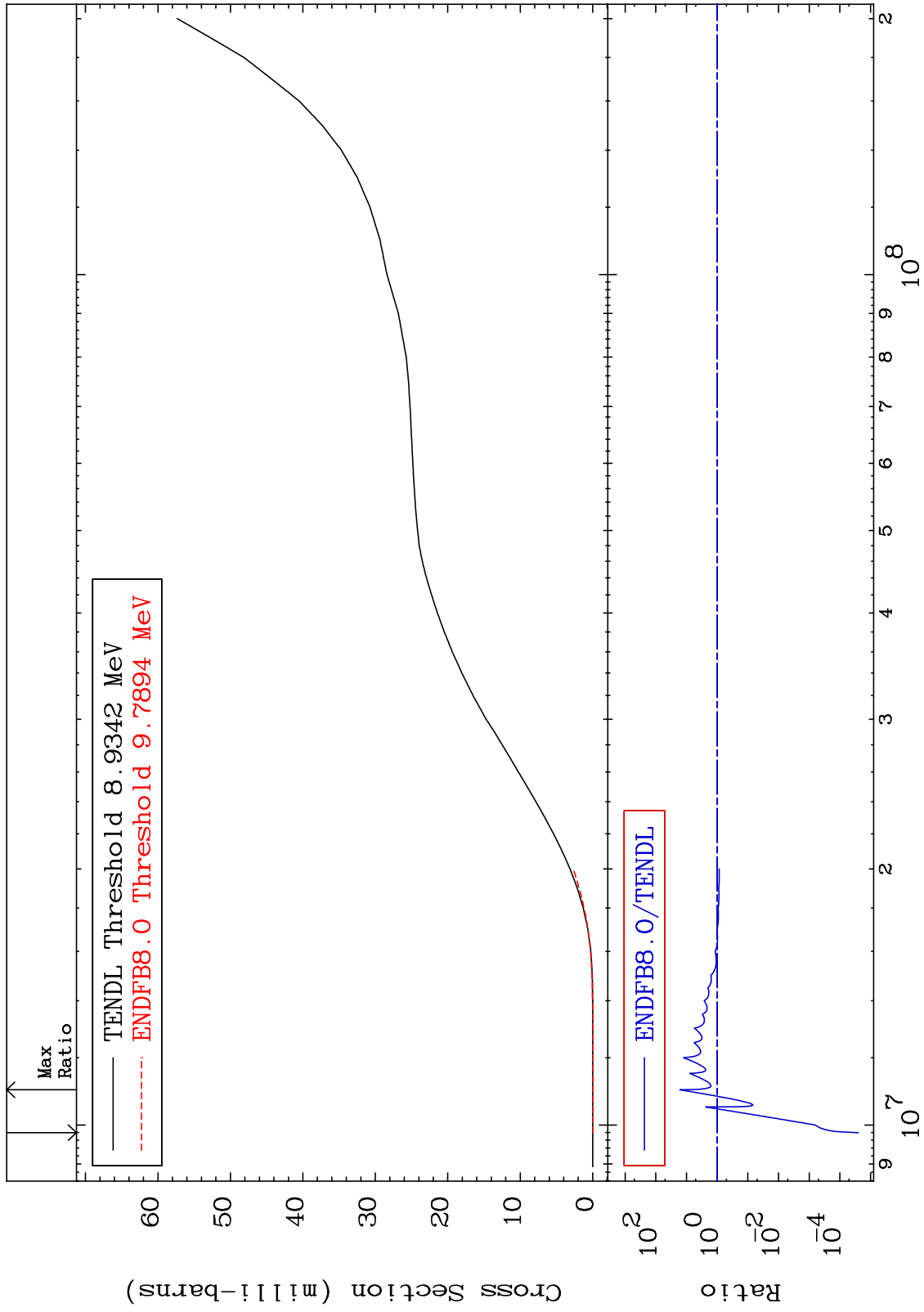
42-Mo-94
-99.94 To 169.5 %



MAT 4231

Tritium Production
Cross Section

42-Mo-94
-100.0 To 1525. %



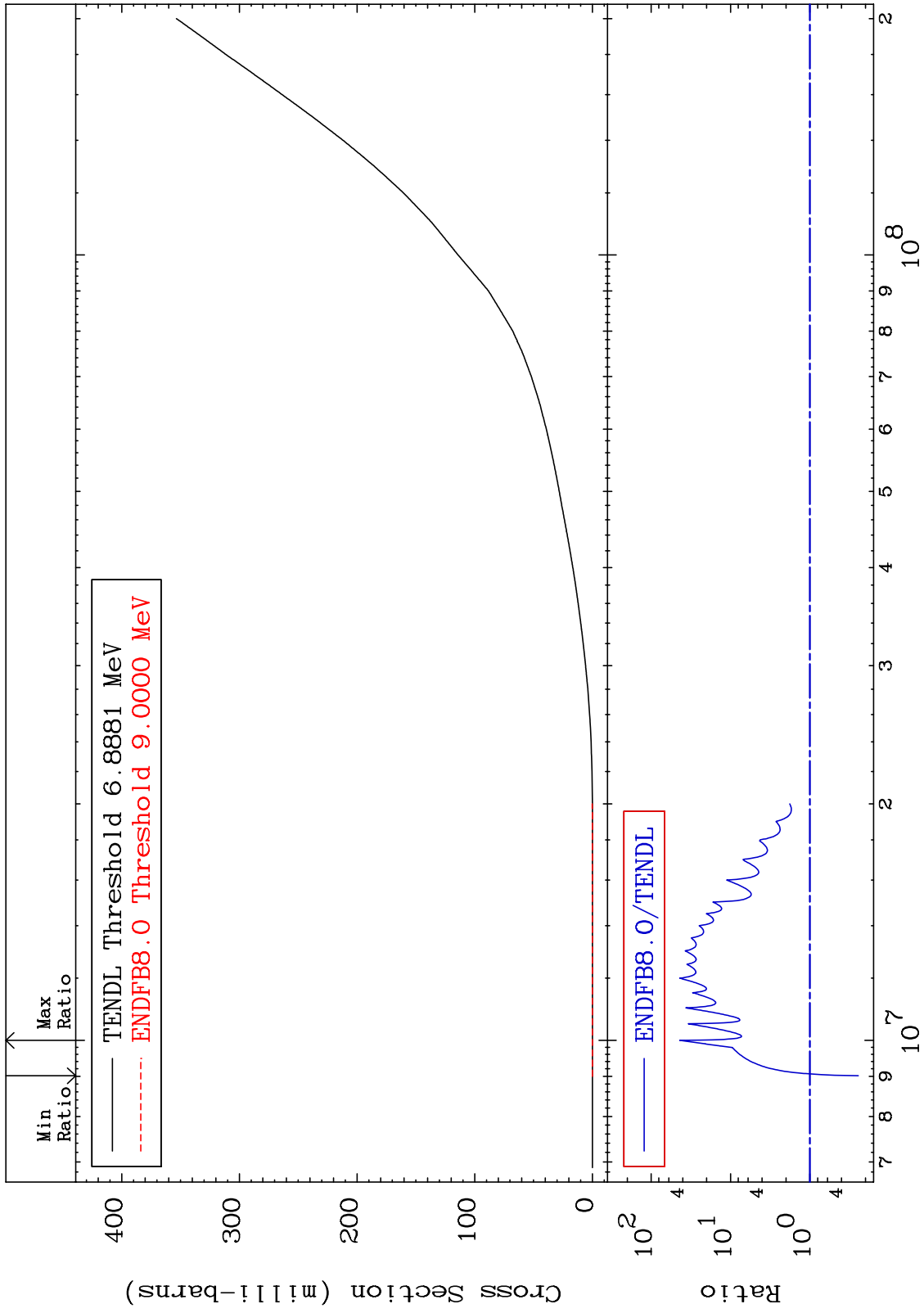
37

42-Mo-94

MAT 4231

He-3 Production
Cross Section

42-Mo-94
-75.46 To 4259. %



38

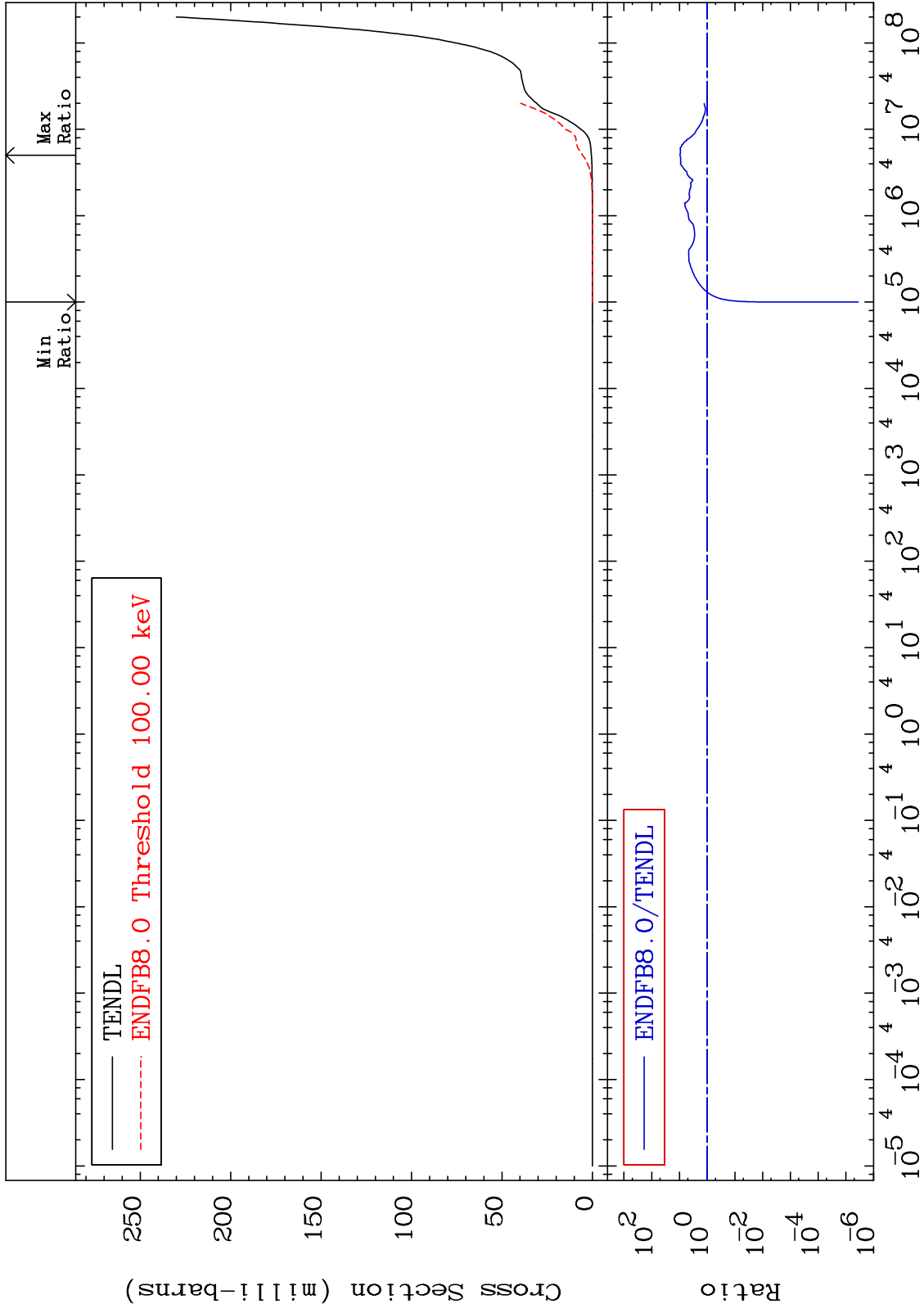
Incident Energy (eV)

42-Mo-94

MAT 4231

He-4 Production
Cross Section

42-Mo-94
-100.0 To 868.8 %



39

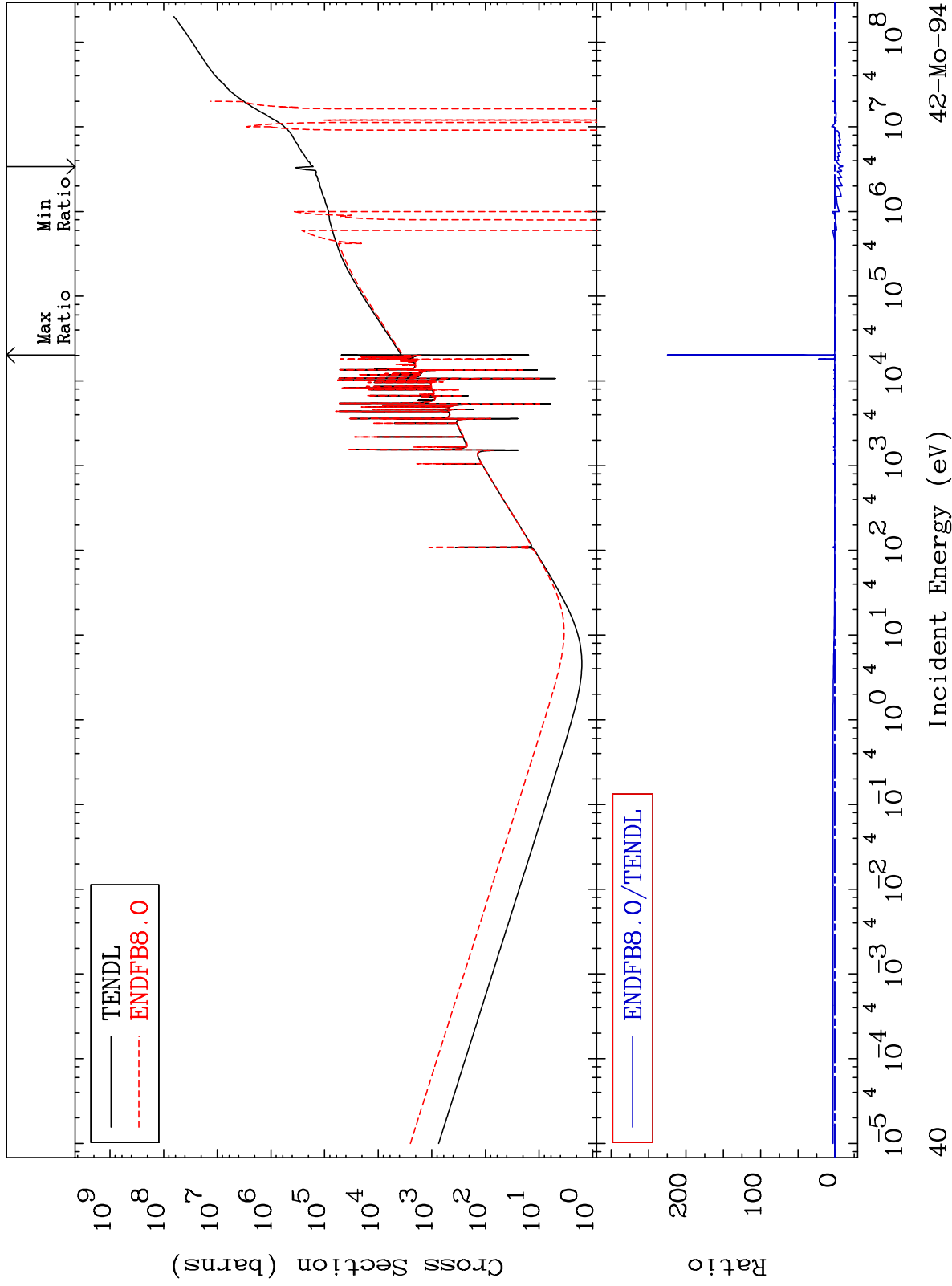
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma total (eV-barns)
Cross Section

42-Mo-94
-1067. To 9999. %



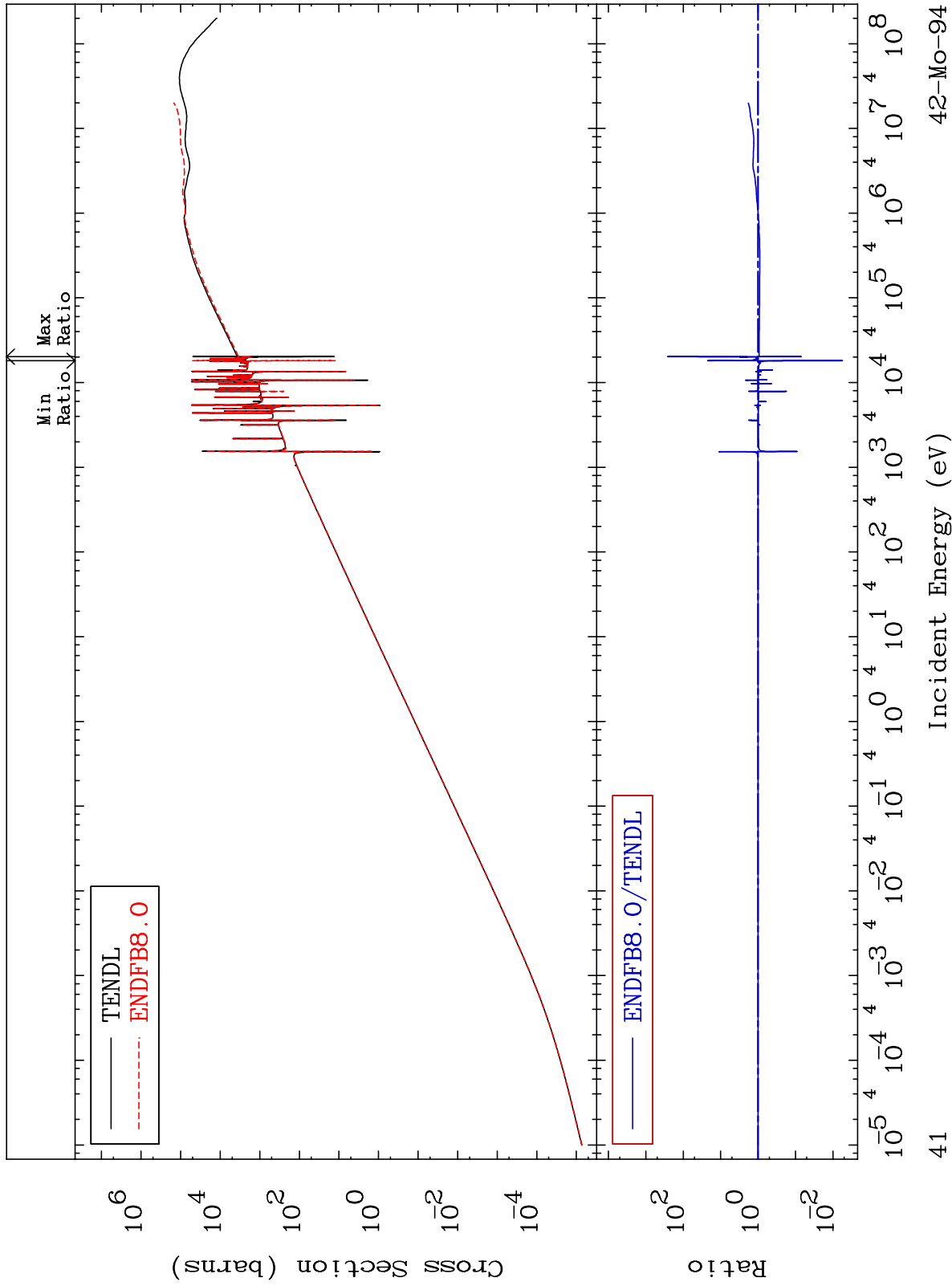
42-Mo-94

40

MAT 4231

Kerma elastic
Cross Section

42-Mo-94
-99.45 To 9999. %

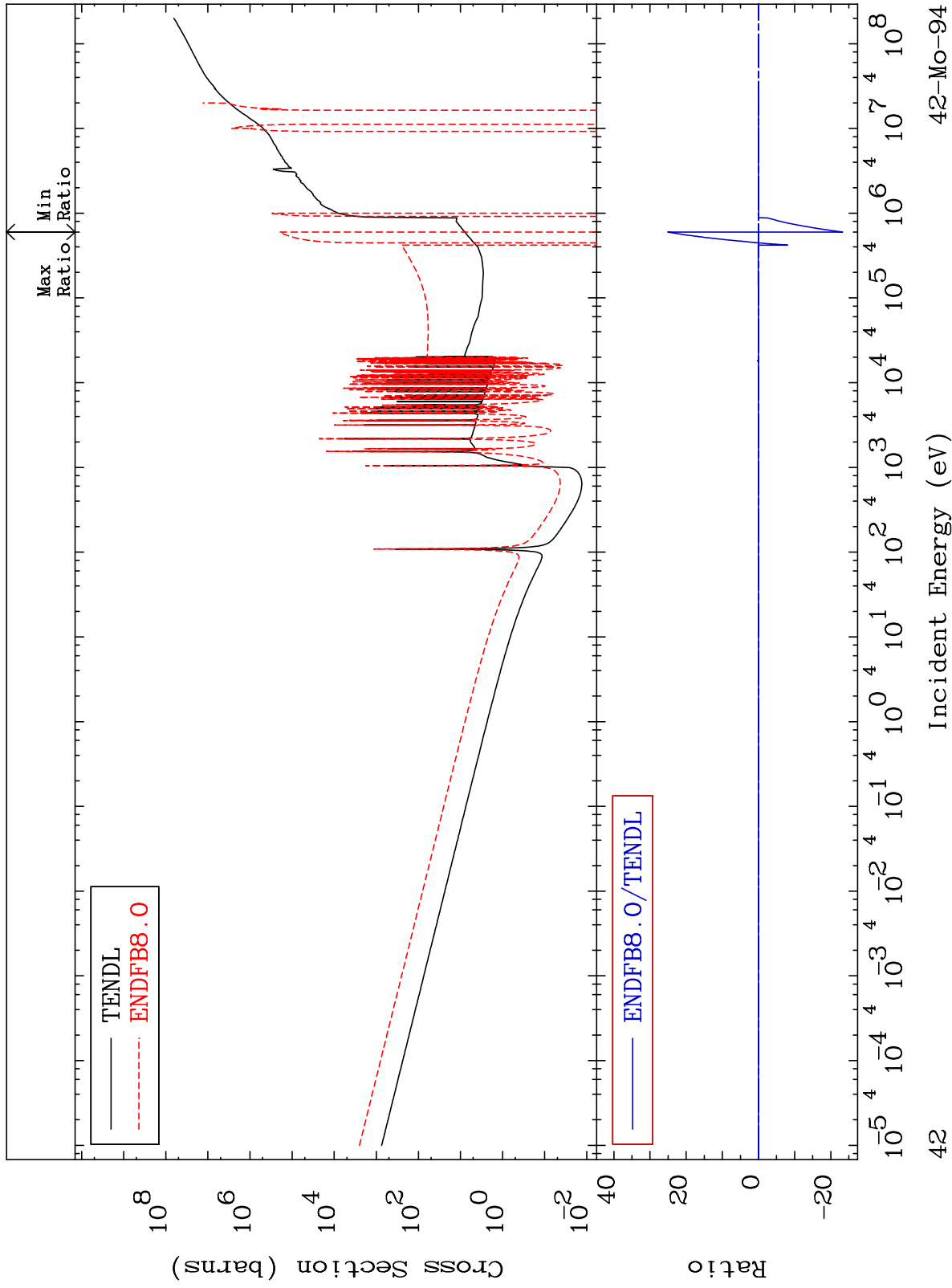


41

MAT 4231

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-94
-9999. To 9999. %



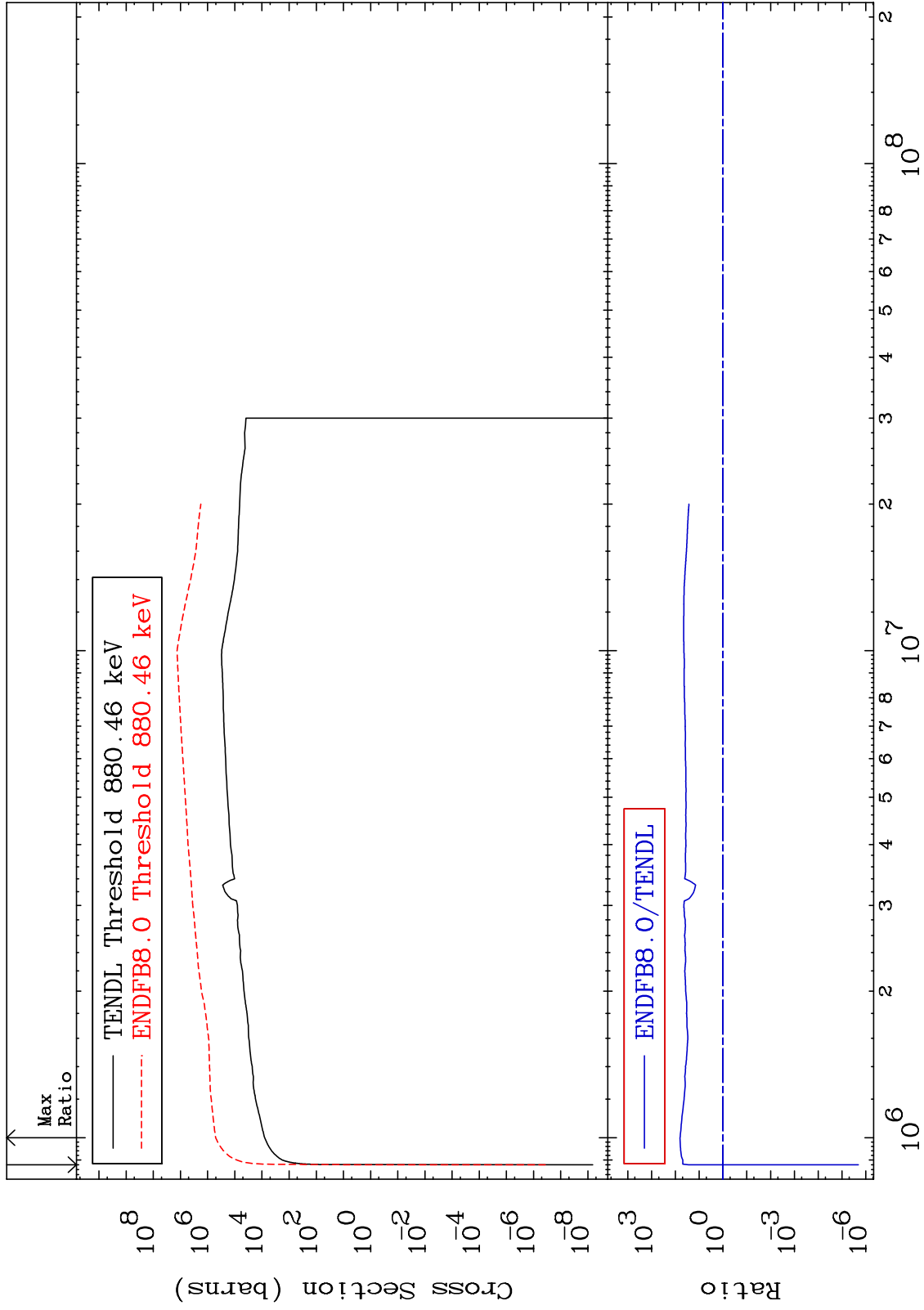
42

42-Mo-94

MAT 4231

Kerma inelastic (mt51-91)
Cross Section

42-Mo-94
-100.0 To 6271. %



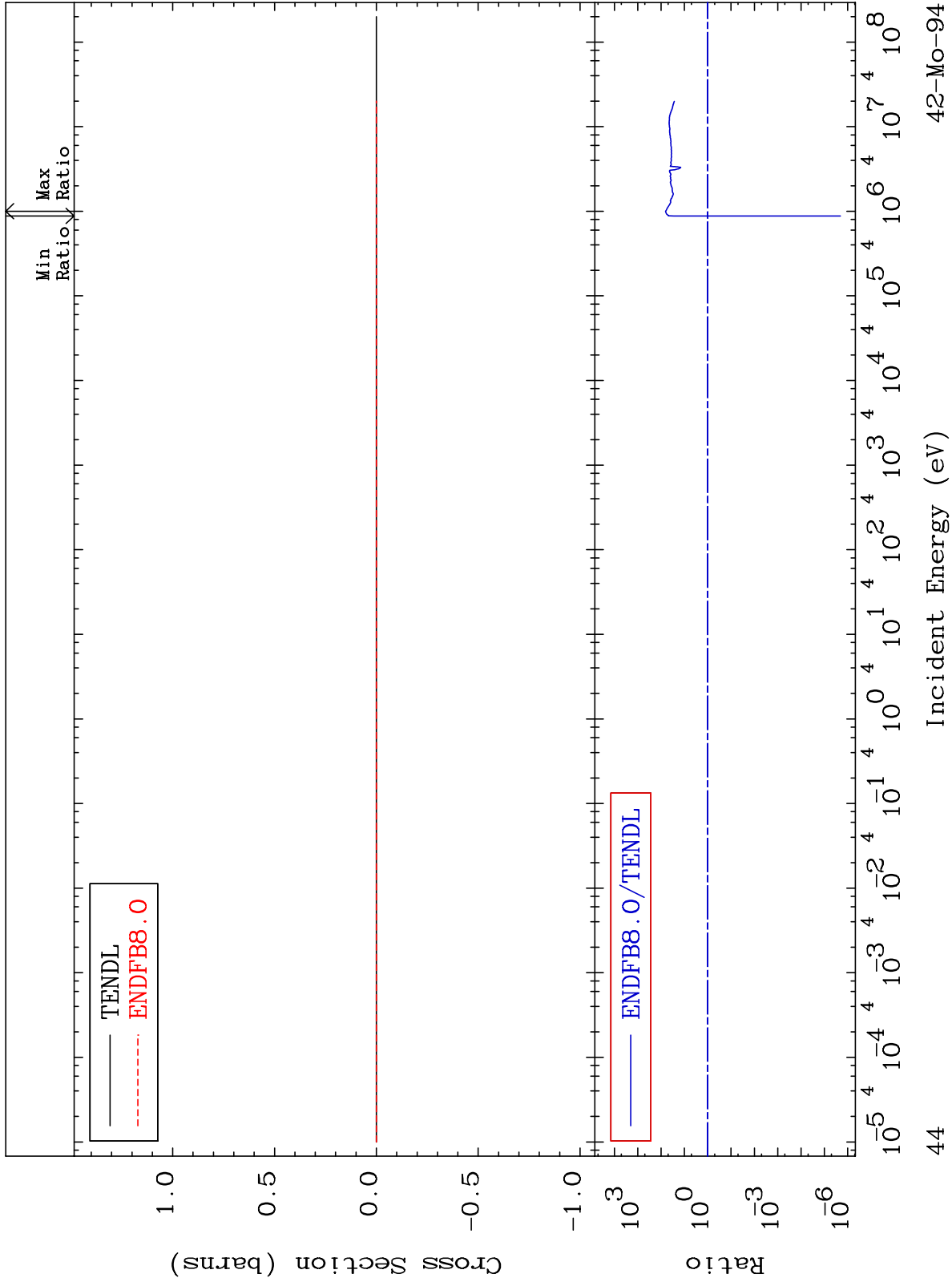
43

42-Mo-94

MAT 4231

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

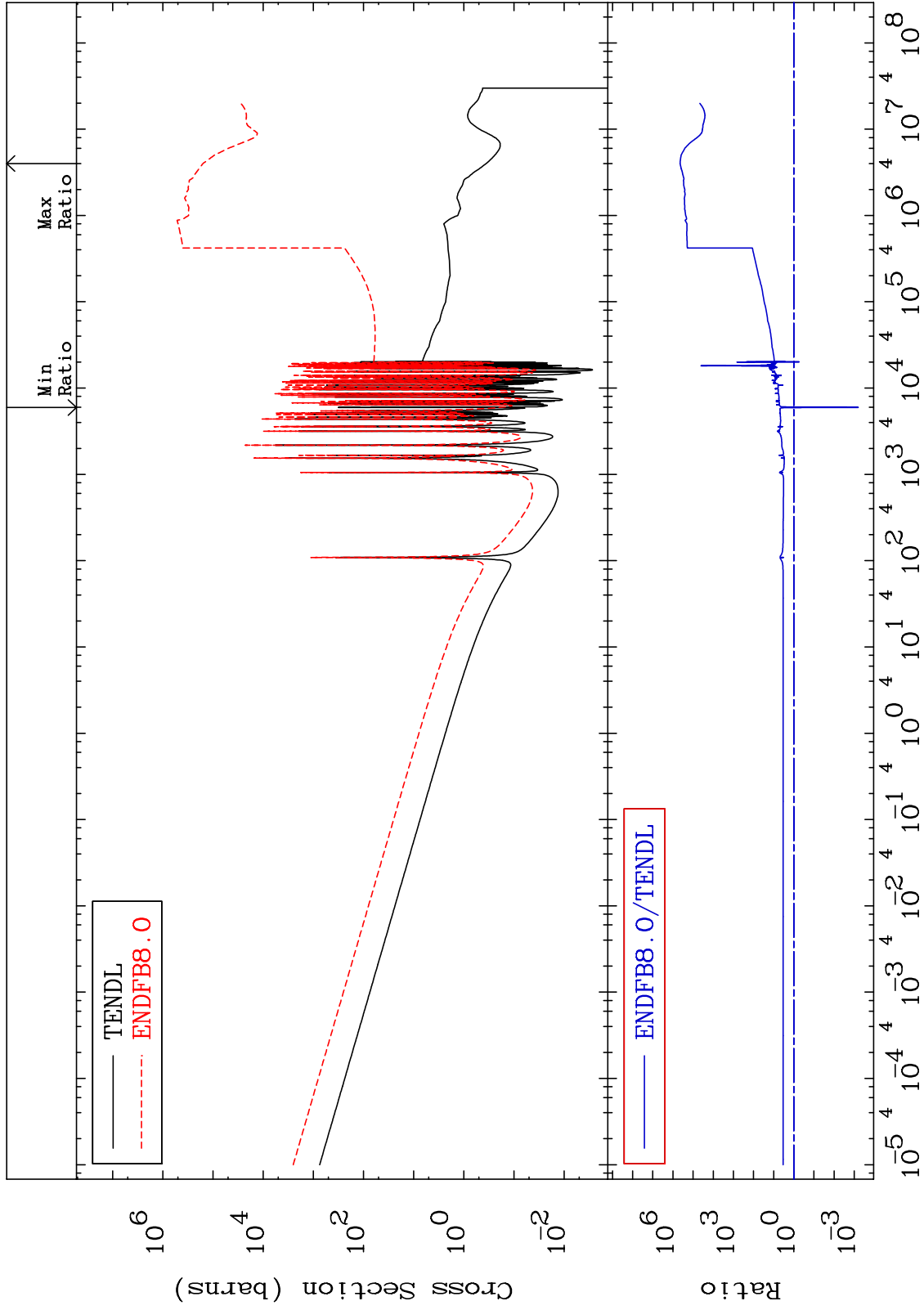
42-Mo-94
-100.0 To 6271. %



MAT 4231

Kerma capture (mt102)
Cross Section

42-Mo-94
-99.94 To 9999. %



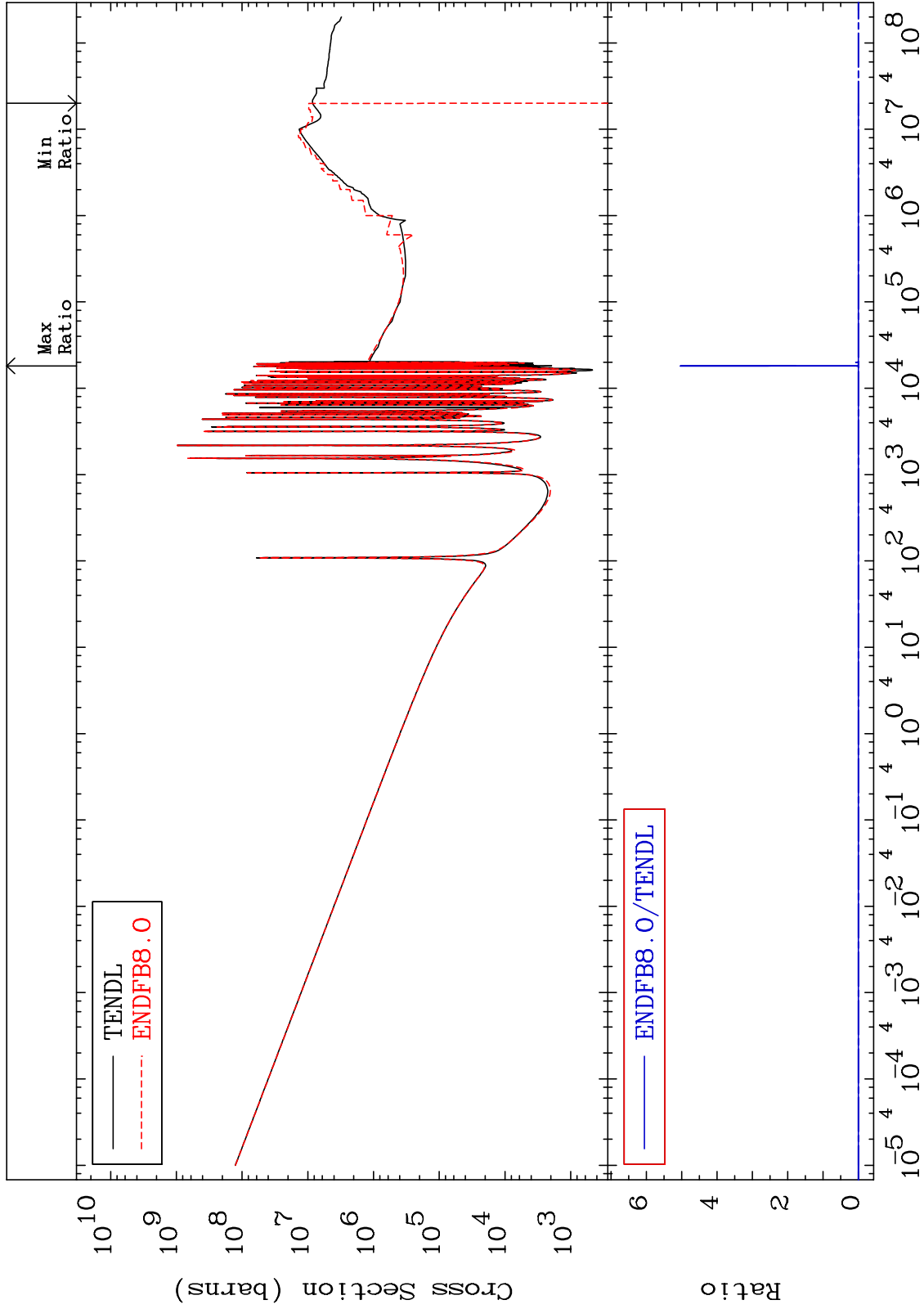
45

42-Mo-94

MAT 4231

Total photon (eV-barns)
Cross Section

42-Mo-94
-100.0 To 9999. %

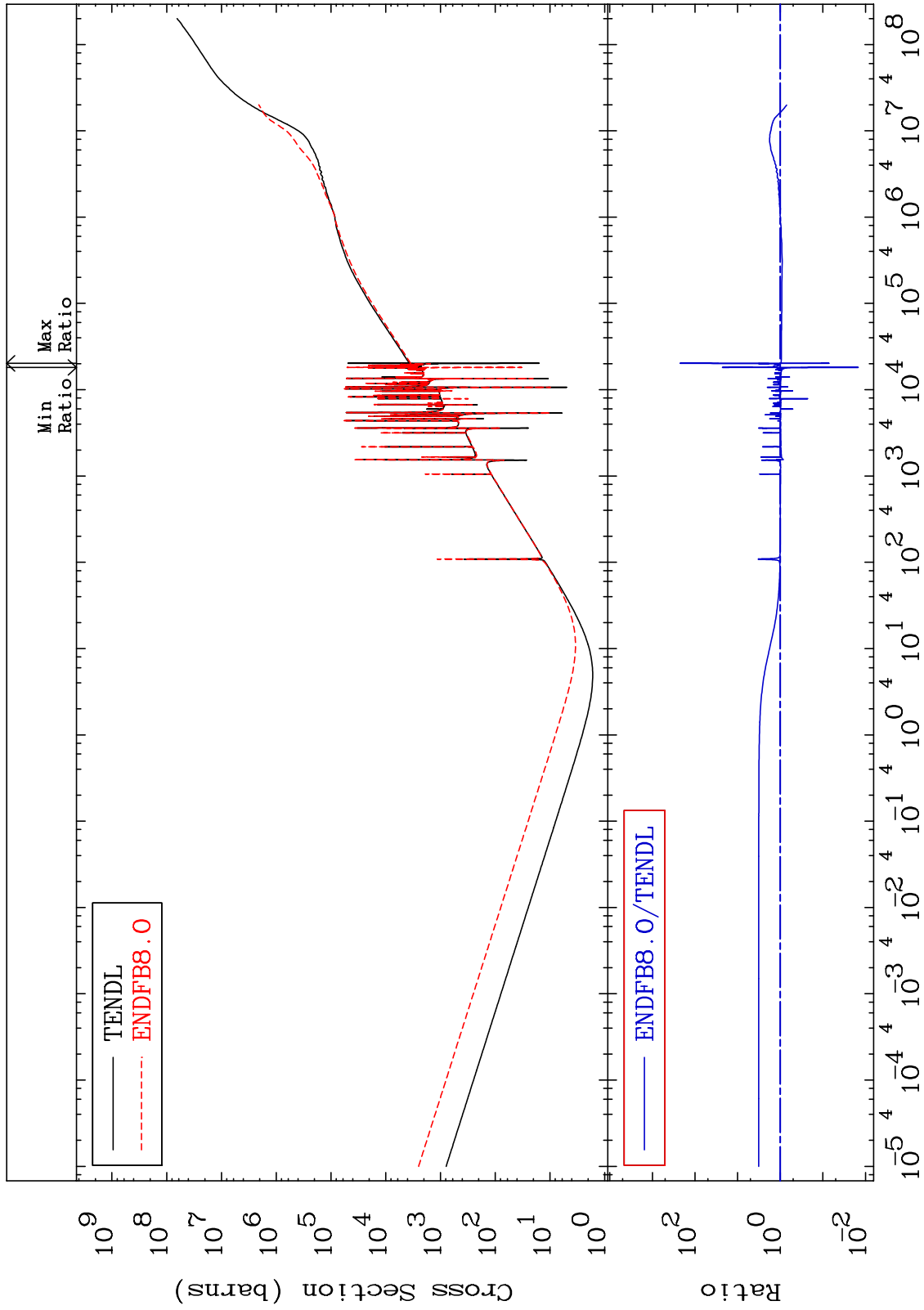


46

MAT 4231

Total kinematic kerma (high limit)
Cross Section

42-Mo-94
-98.54 To 9999. %



47

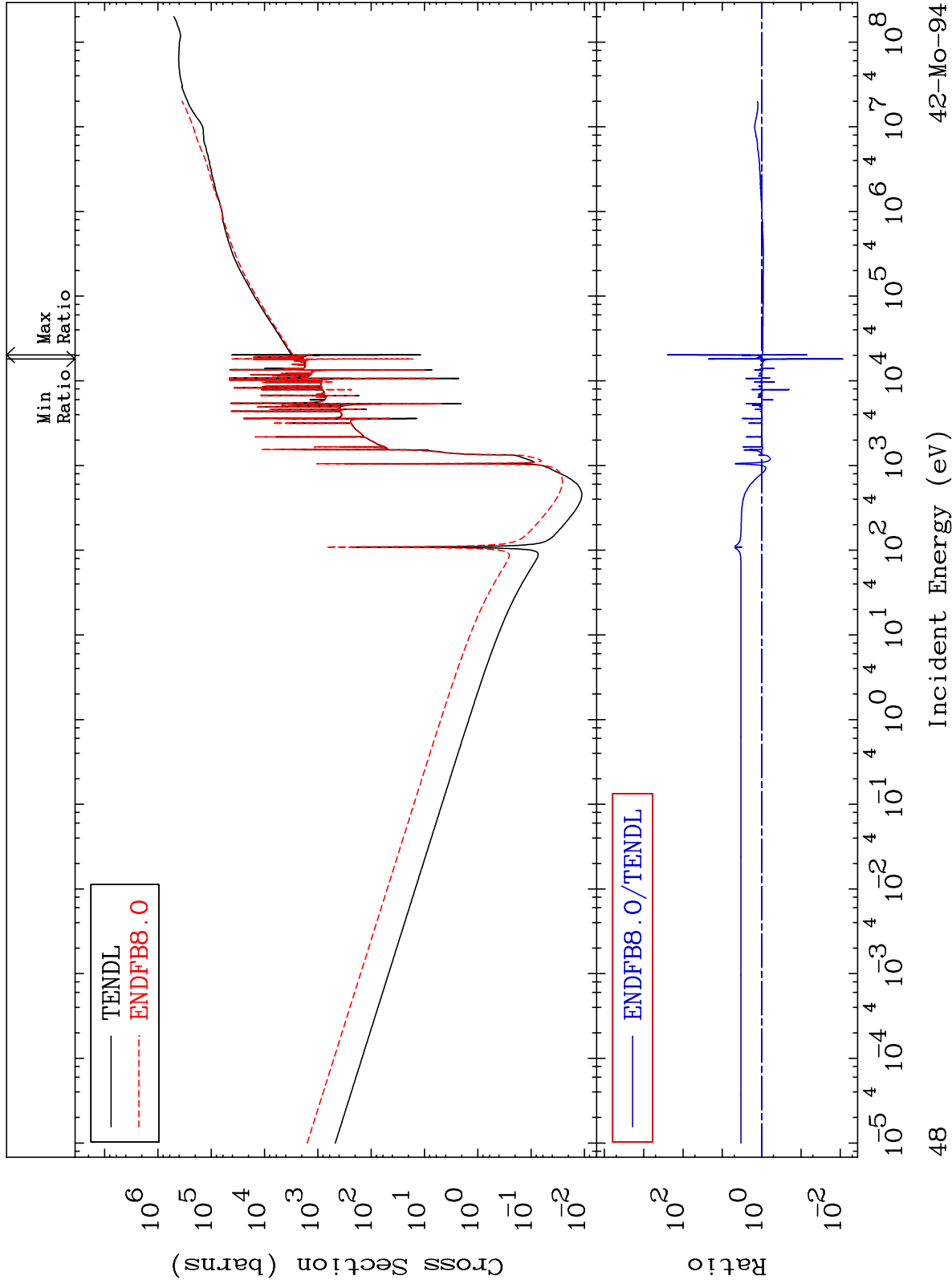
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa total (eV-barns)
Cross Section

42-Mo-94
-99.13 To 9999. %



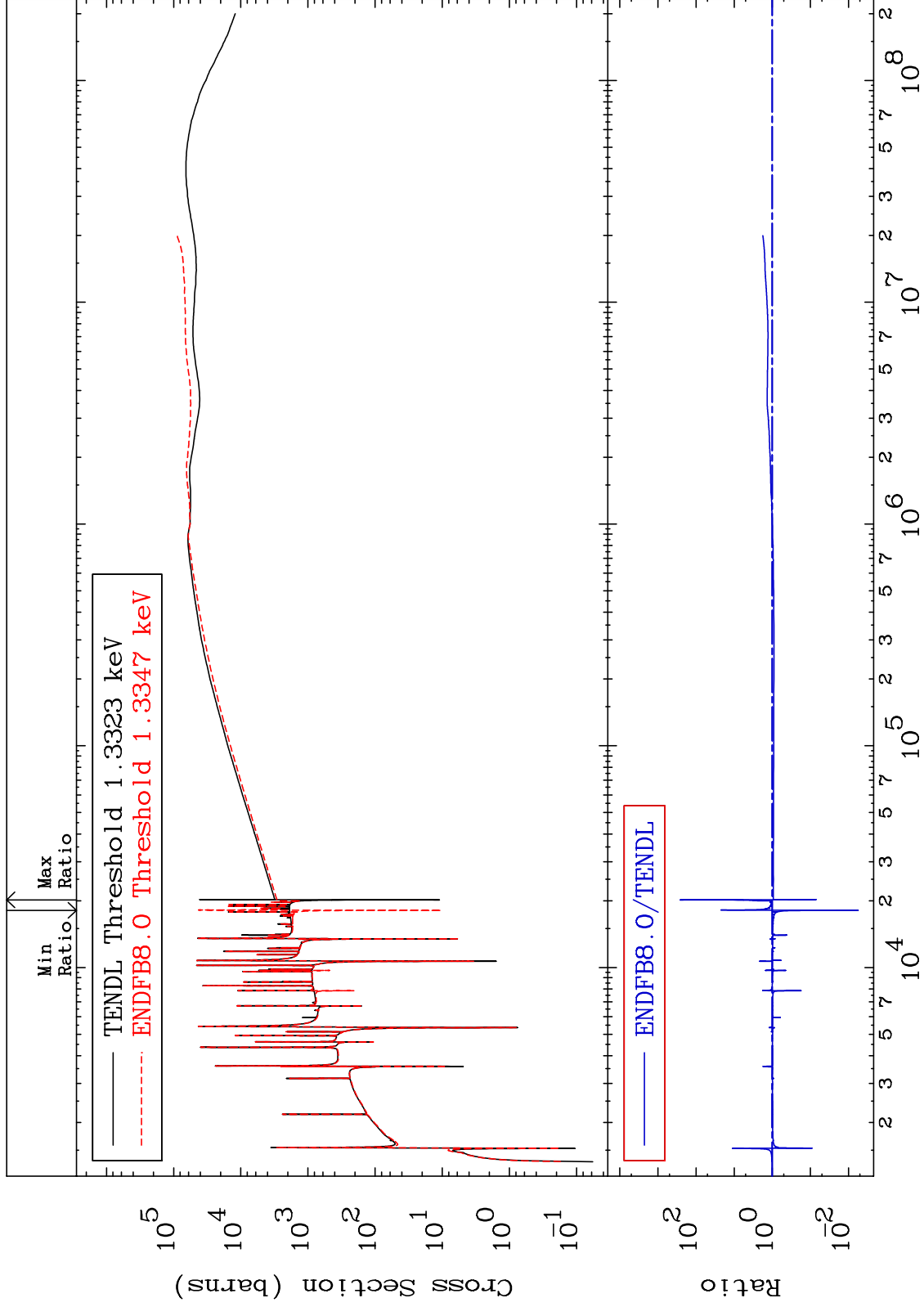
48

42-Mo-94

MAT 4231

Dpa elastic (mt2)
Cross Section

42-Mo-94
-99.45 To 9999. %



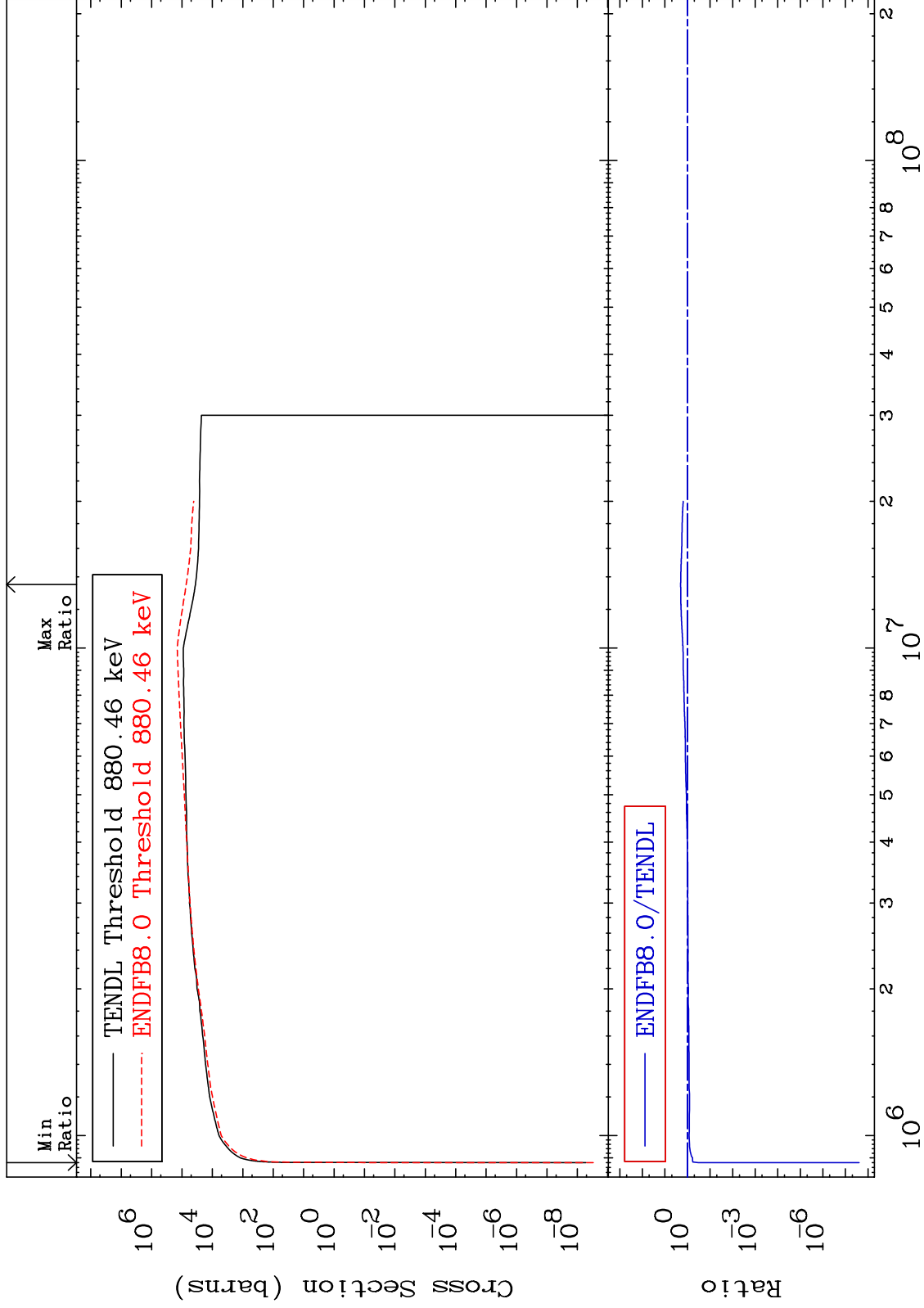
49

42-Mo-94

MAT 4231

Dpa inelastic (mt51-91)
Cross Section

42-Mo-94
-100.0 To 101.9 %



50

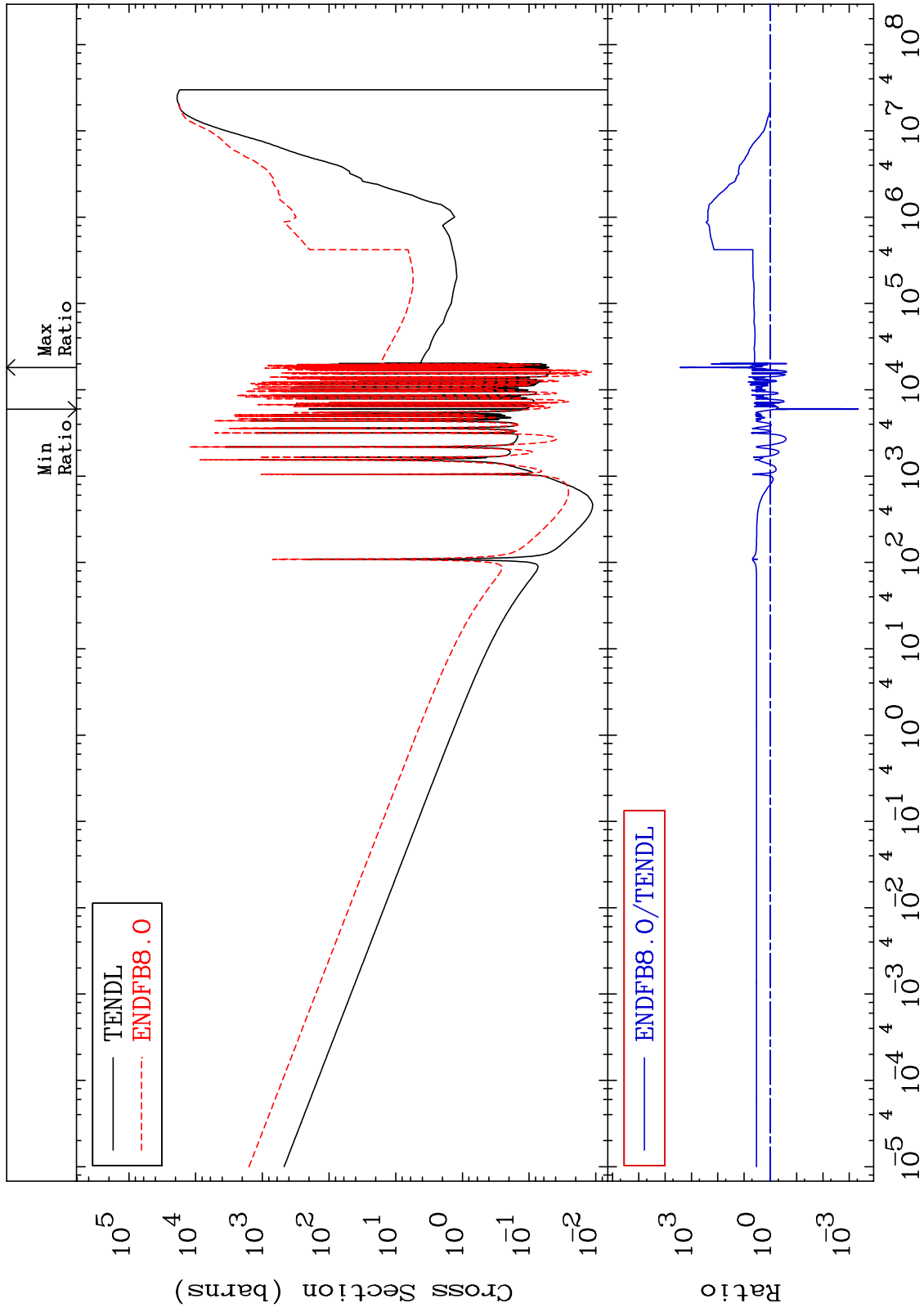
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-94
-99.96 To 9999. %



51

Incident Energy (eV)

42-Mo-94