

Program Complot
(Version 2021-1)

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

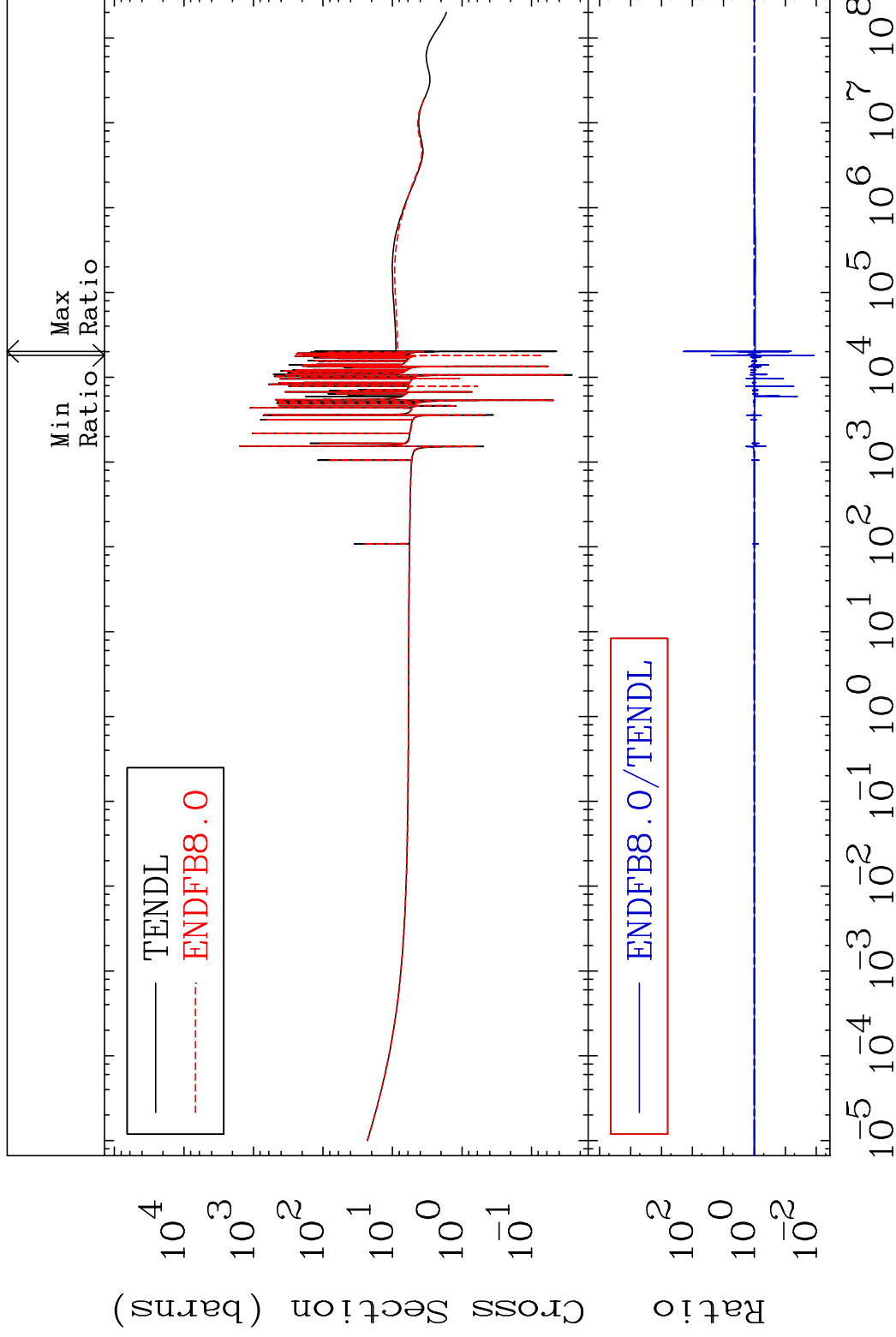
MAT 4231

Total

42-Mo-94

Cross Section

-98.83 To 9999. %



1

Incident Energy (eV)

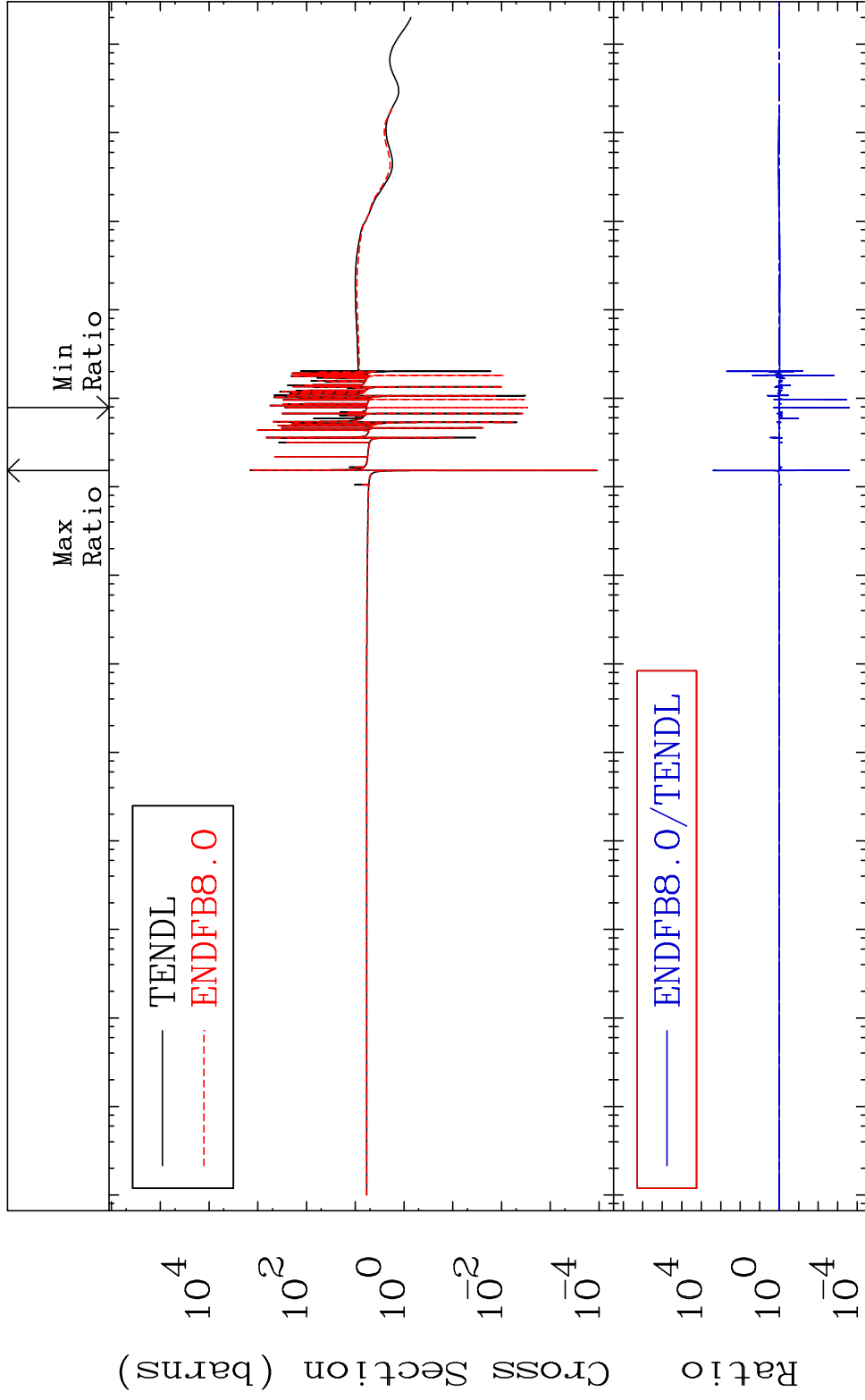
42-Mo-94

MAT 4231

Elastic

42-Mo-94

Cross Section -99.97 To 9999. %



2

Incident Energy (eV)

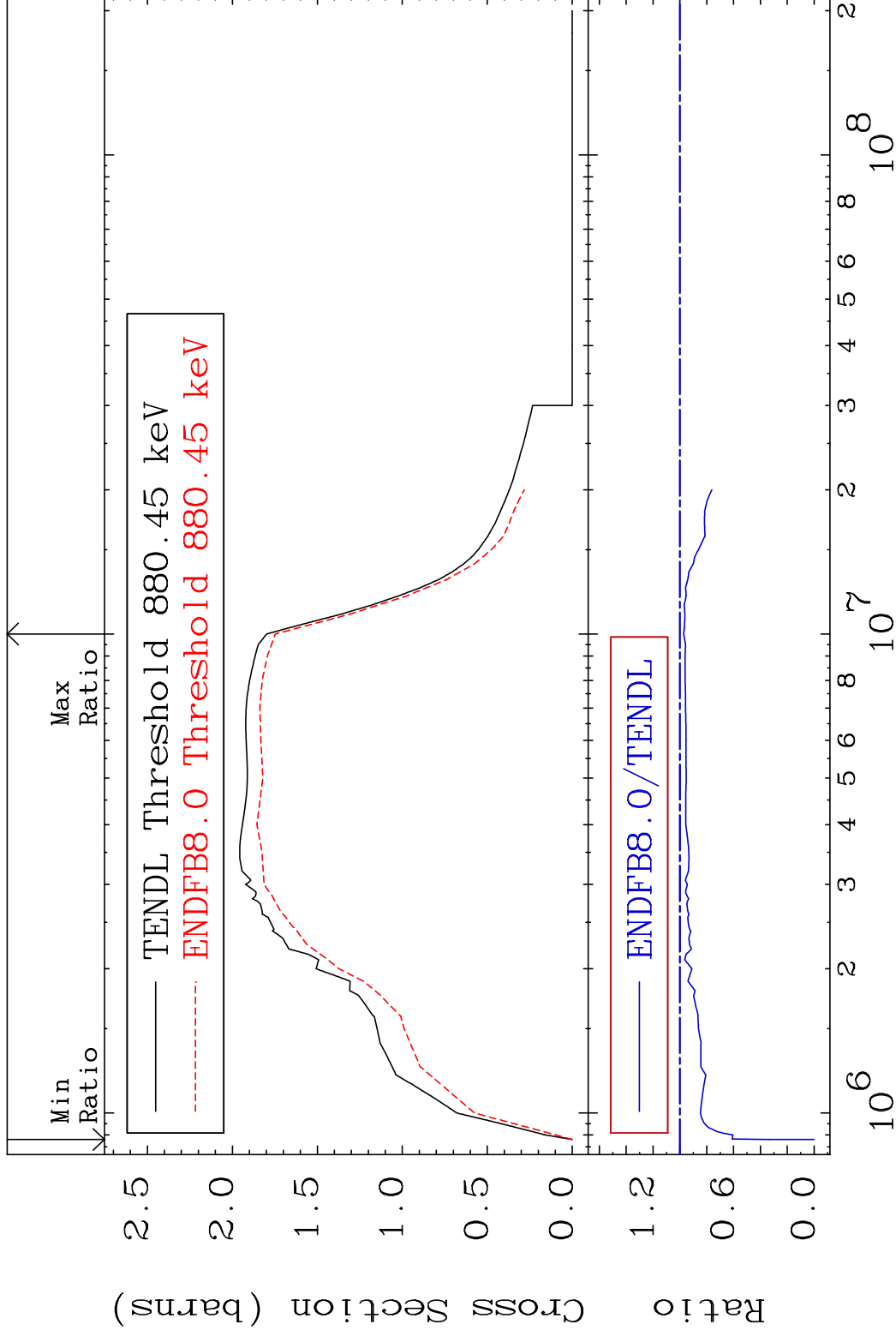
42-Mo-94

MAT 4231

Inelastic

42-Mo-94

Cross Section -100.0 To -2.815%



3

Incident Energy (eV)

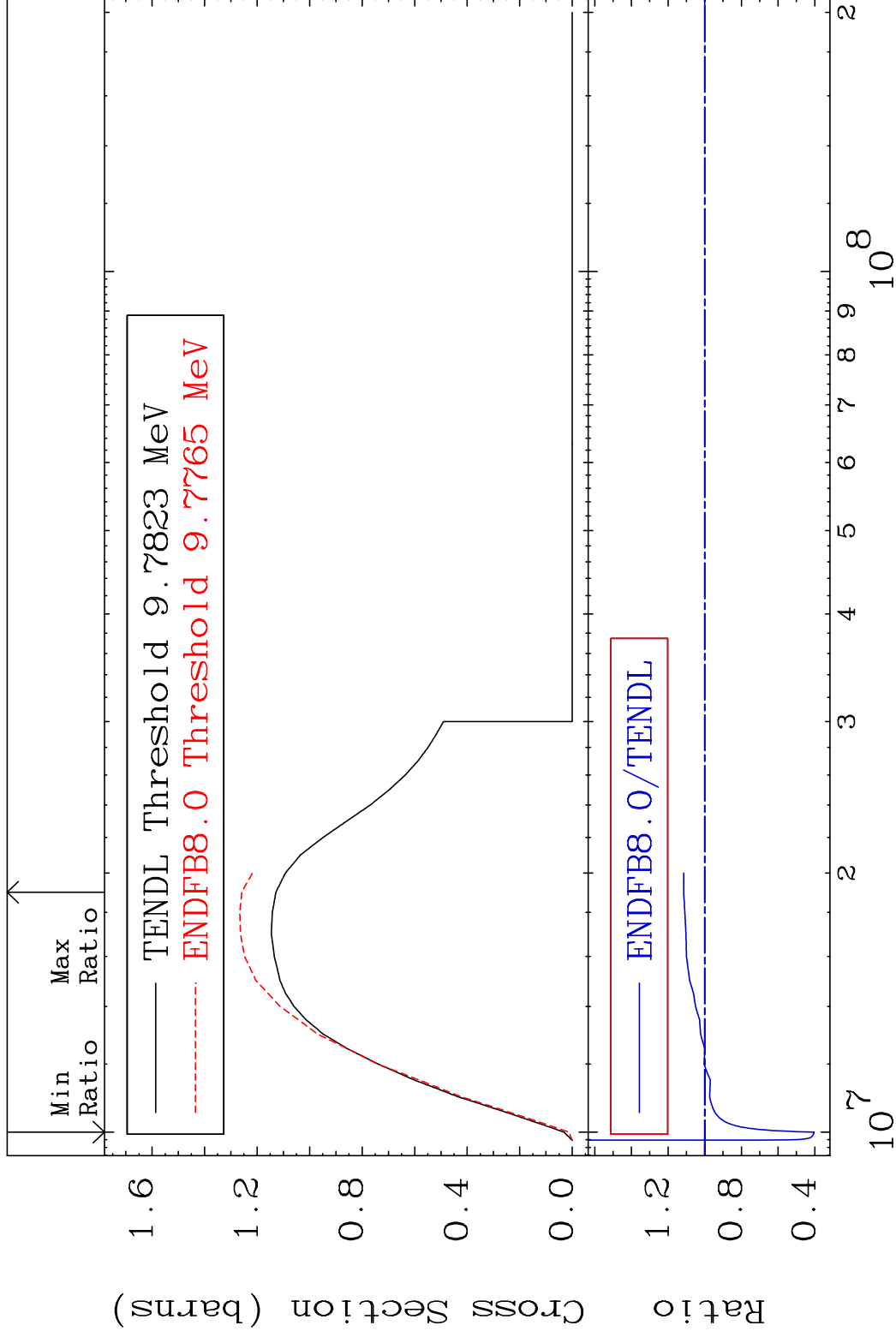
42-Mo-94

MAT 4231

(n,2n)

42-Mo-94

Cross Section -59.64 To 11.51 %



4

Incident Energy (eV)

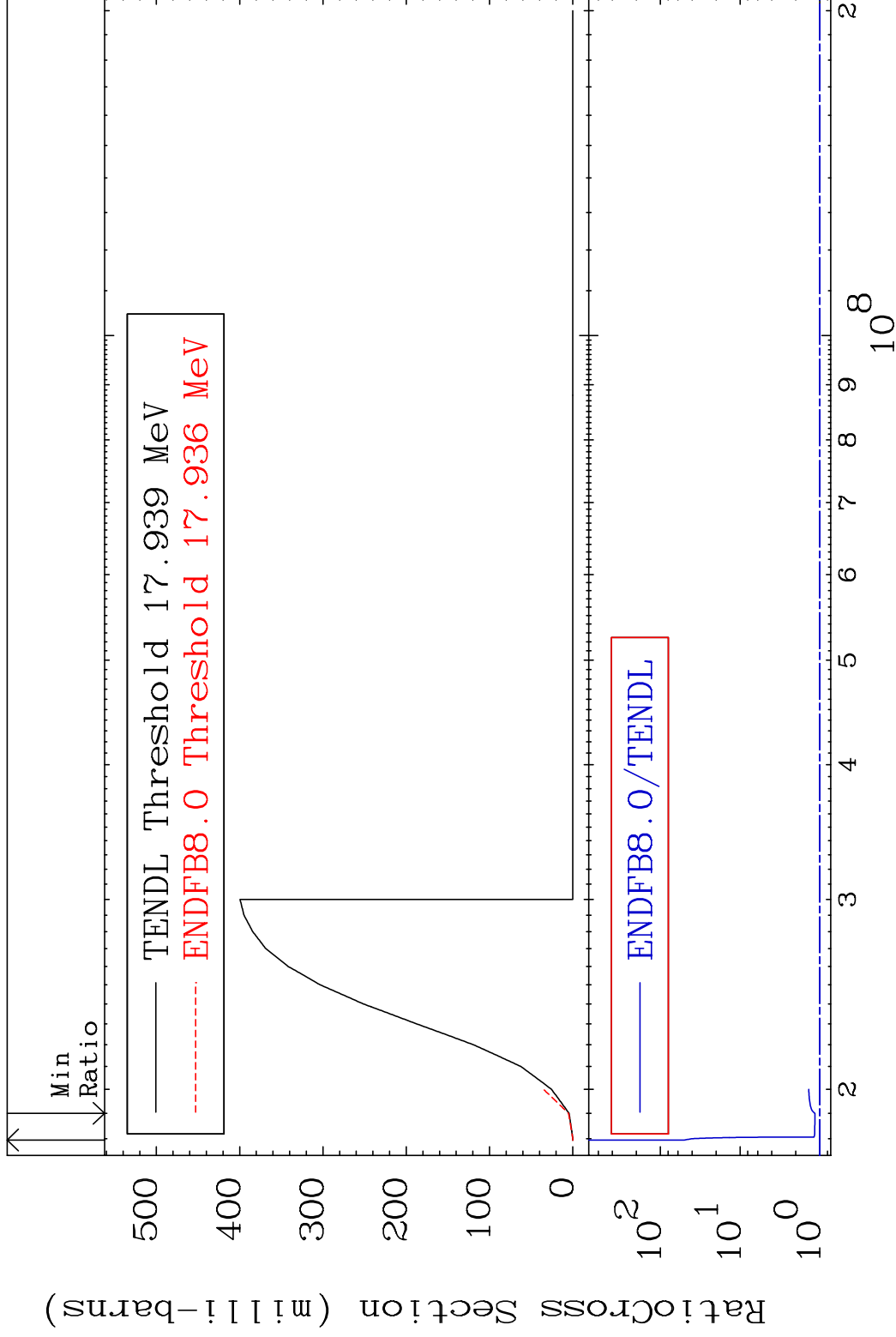
42-Mo-94

MAT 4231

(n,3n)

42-Mo-94

Cross Section 15.09 To 4902. %



5

Incident Energy (eV)

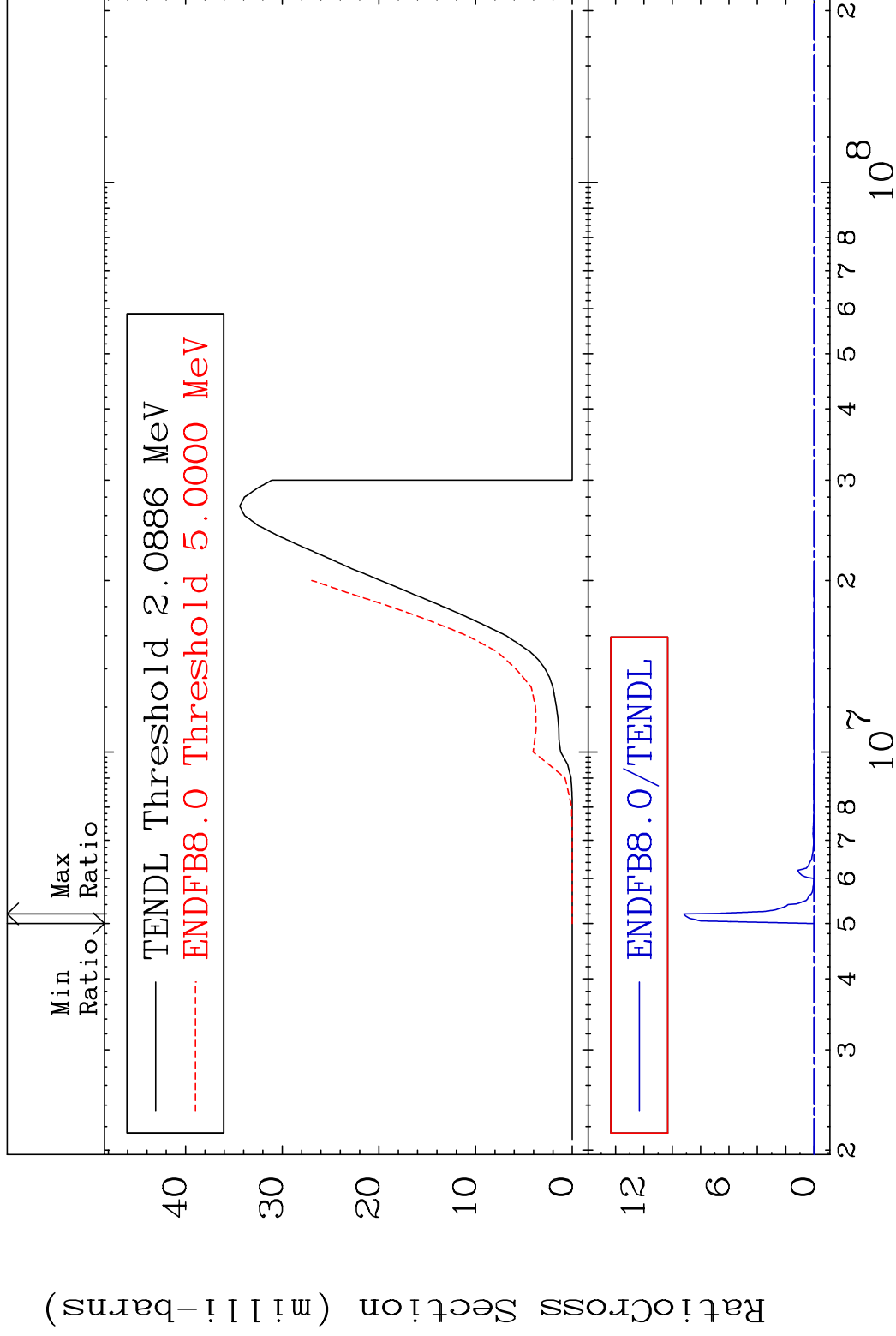
42-Mo-94

MAT 4231

(n, n') α

42-Mo-94

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

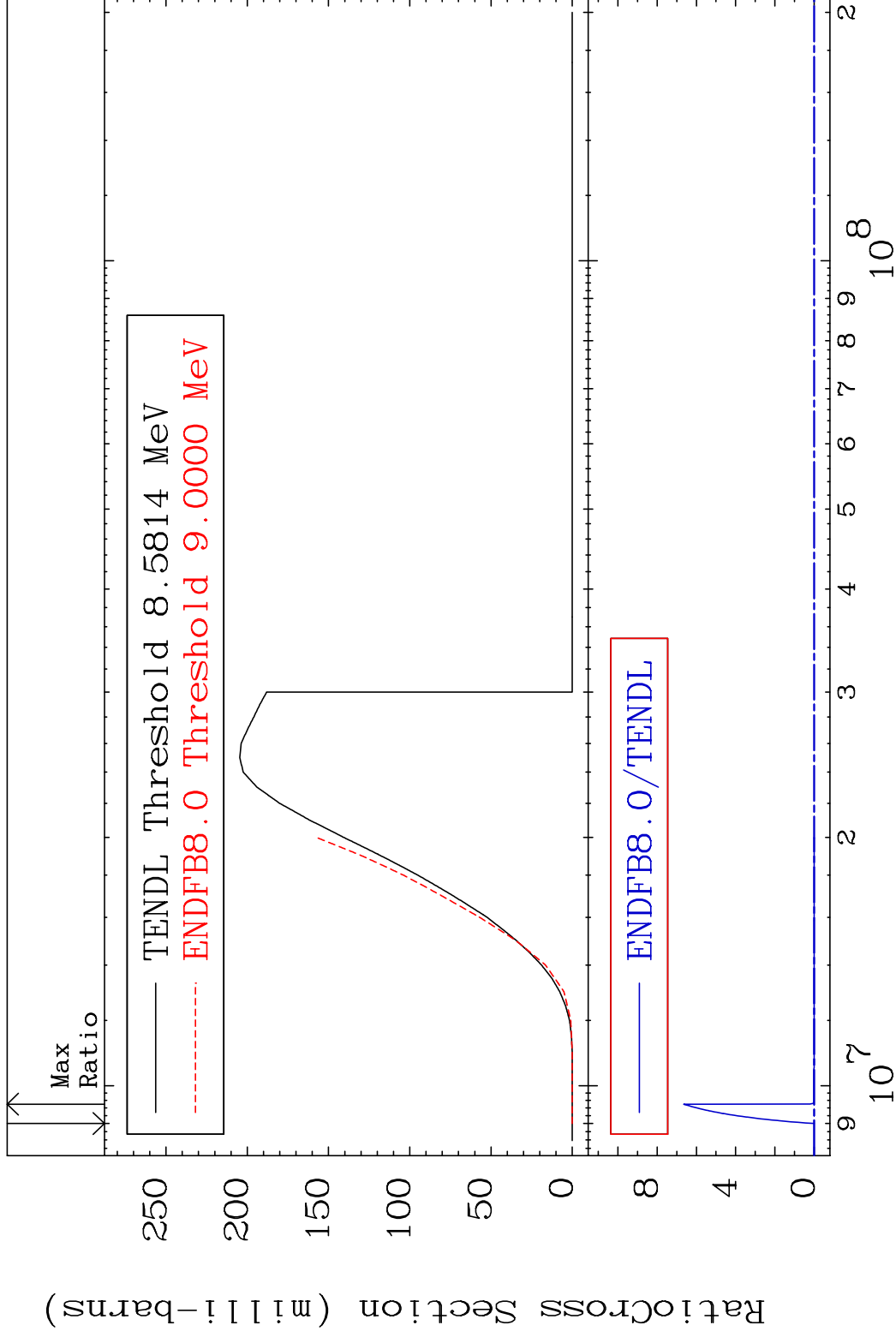
42-Mo-94

MAT 4231

(n, n') p

42-Mo-94

Cross Section -100.0 To 9999. %

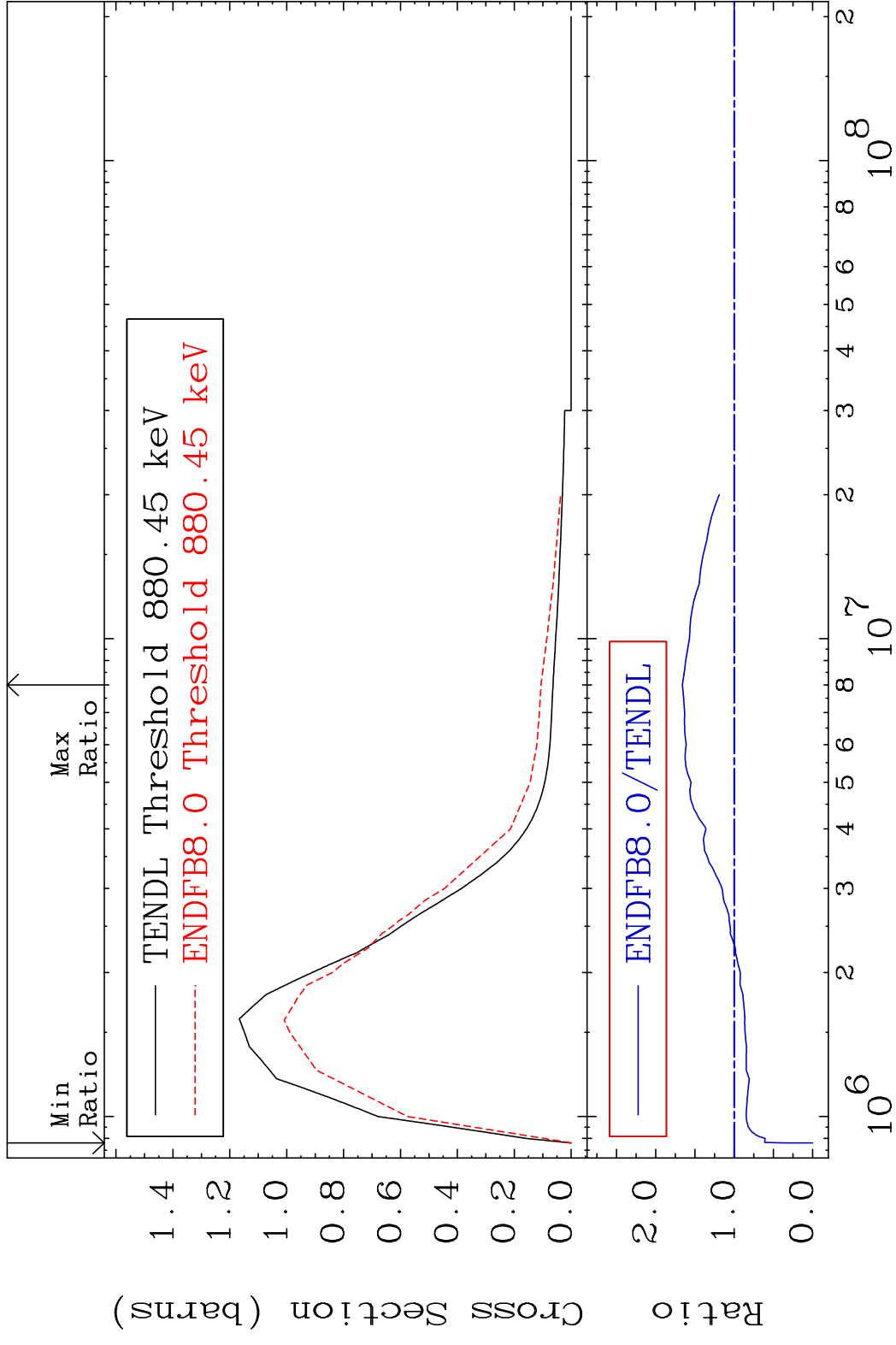


7

Incident Energy (eV)

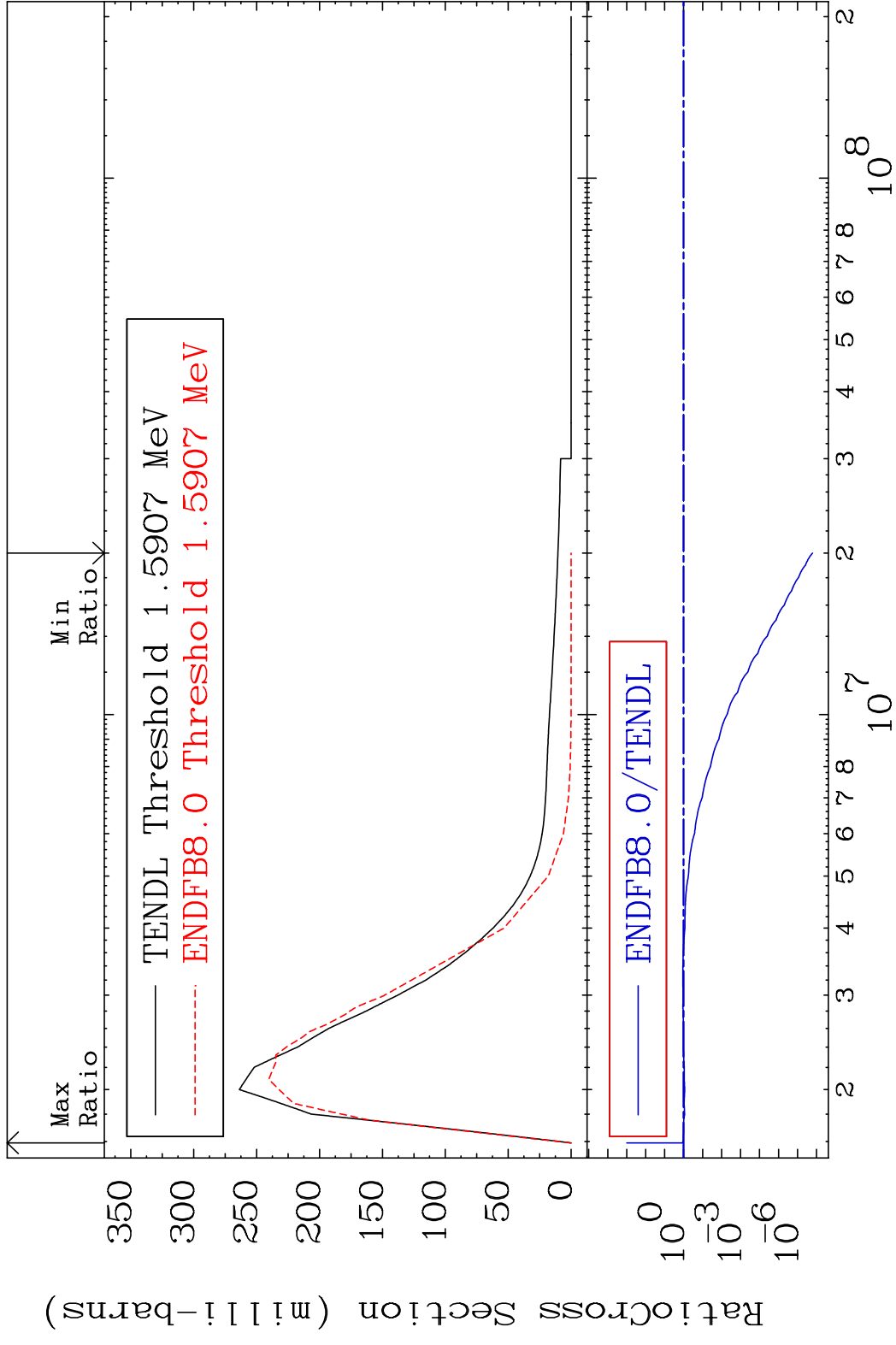
42-Mo-94

MAT 4231 MT= 51 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 66.01 %

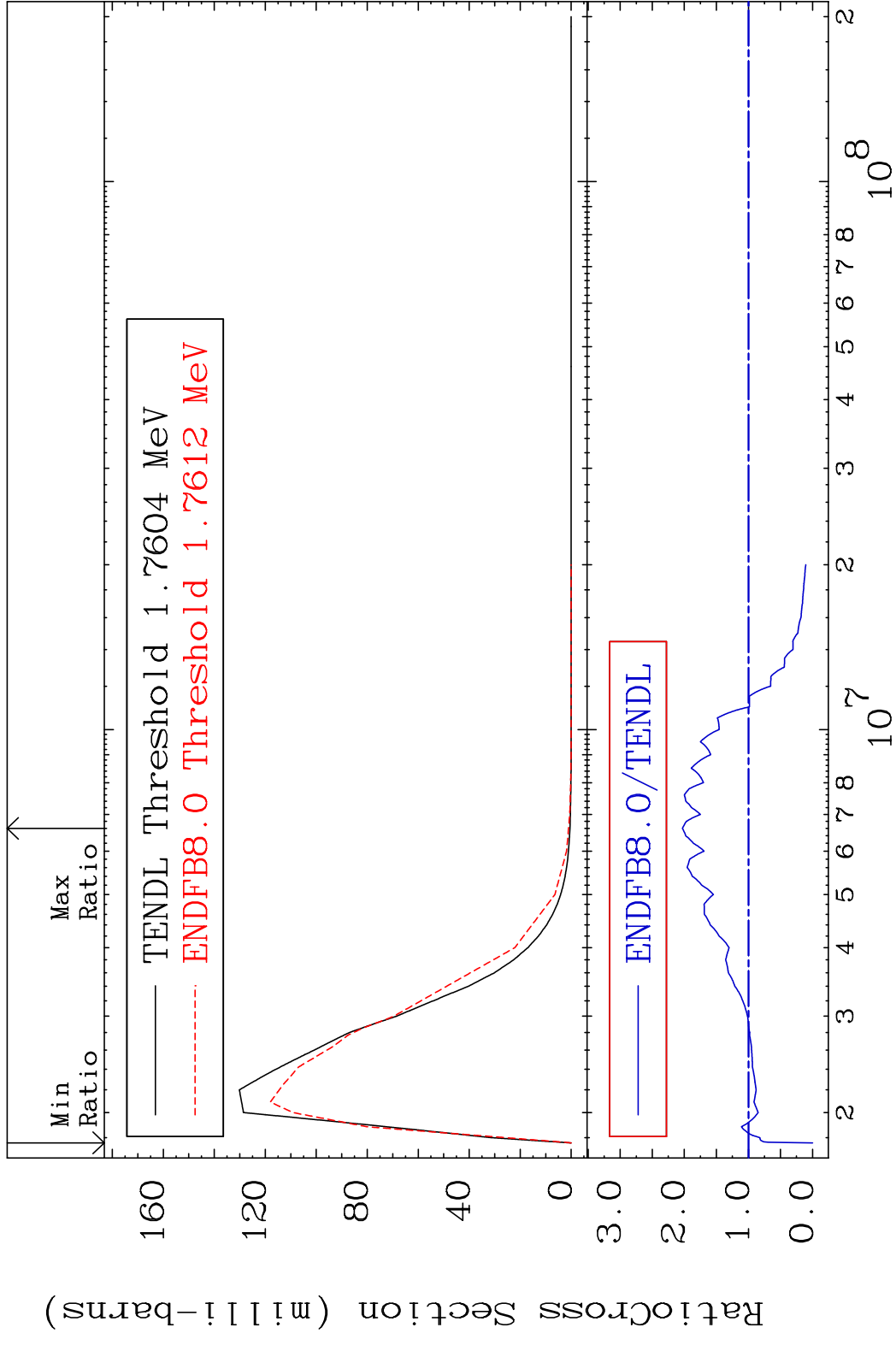


8 Incident Energy (eV) 42-Mo-94

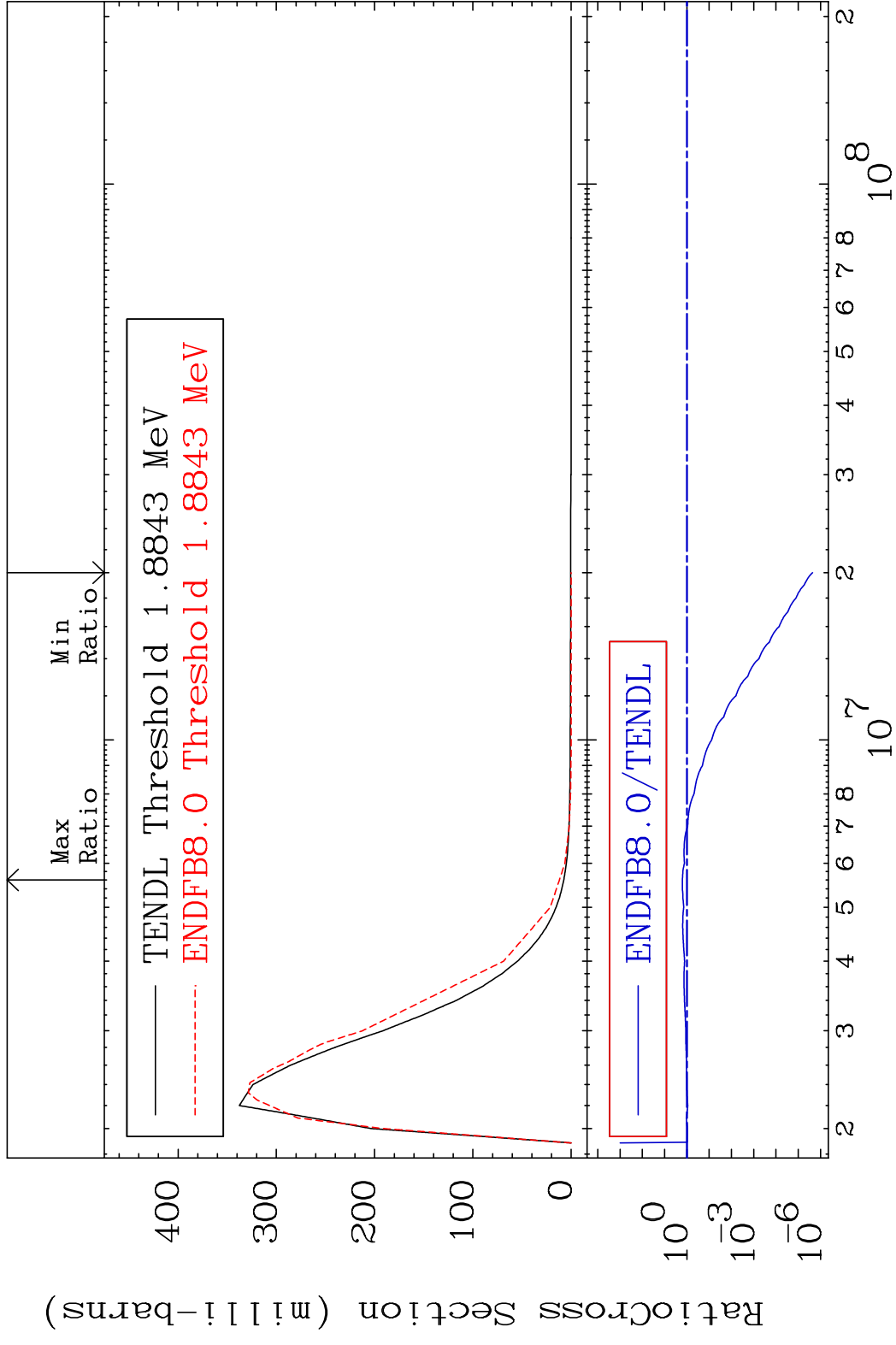
MAT 4231 MT= 52 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 16.86 %



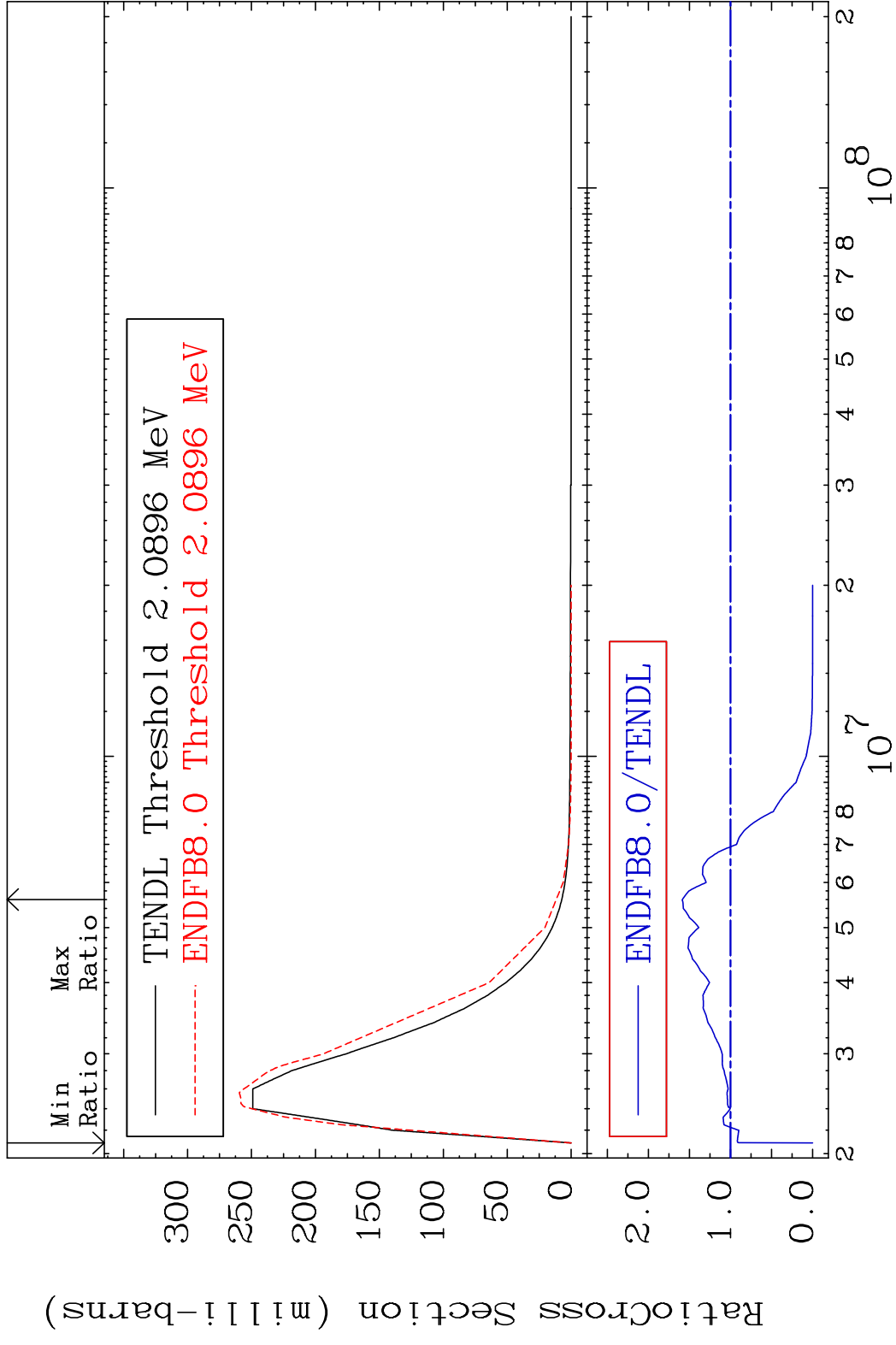
MAT 4231 MT= 53 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 103.1 %



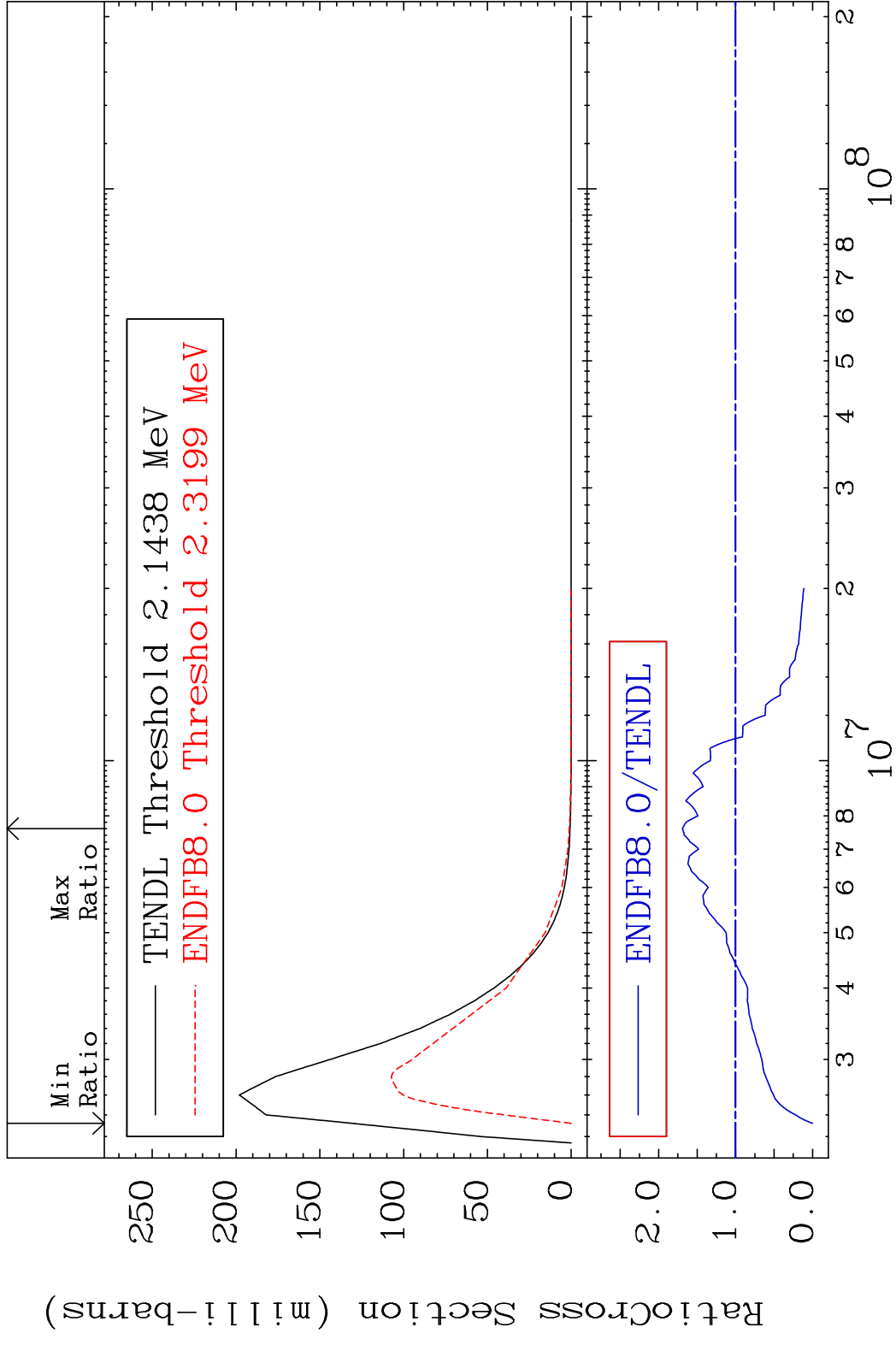
MAT 4231 MT= 54 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 59.09 %



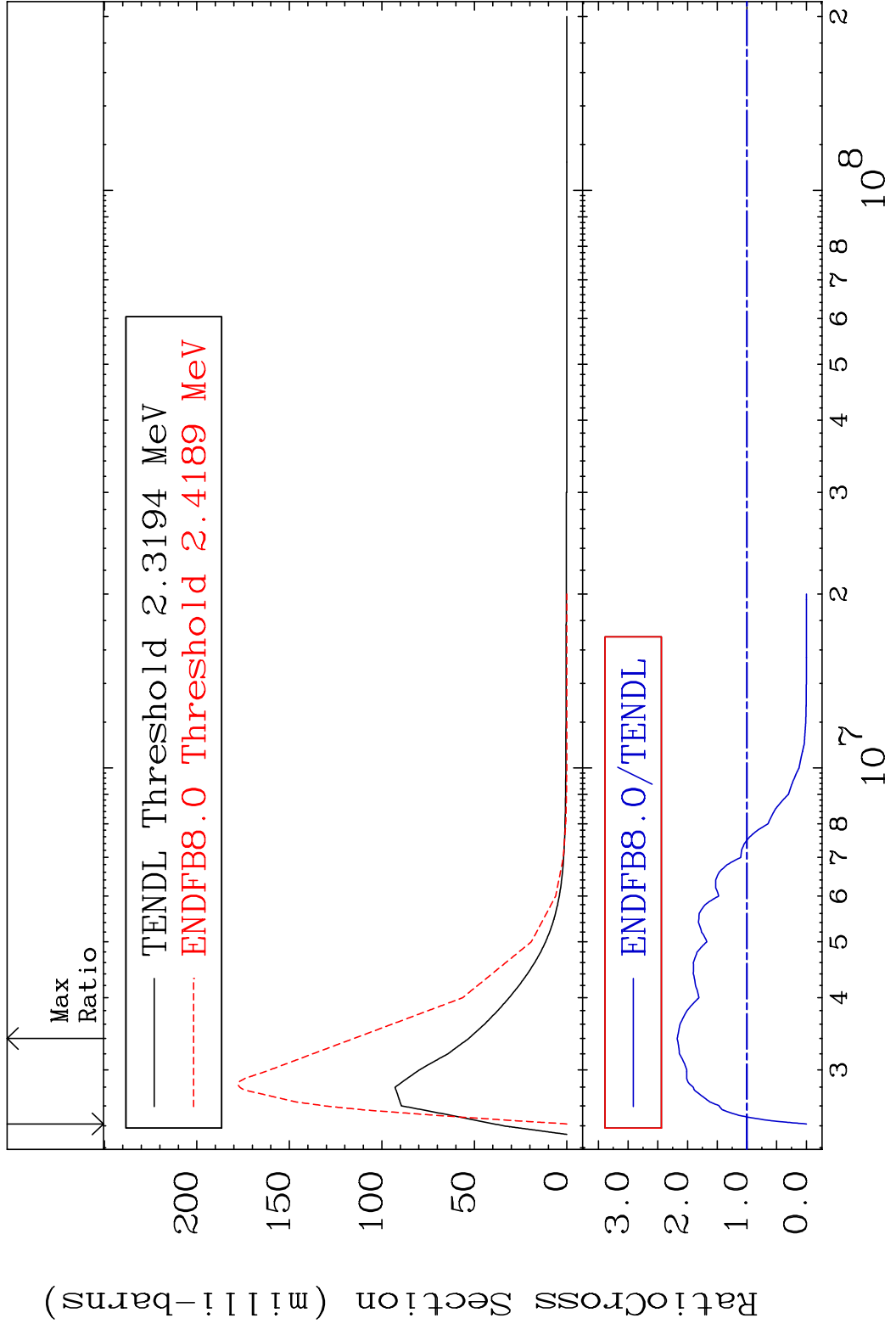
MAT 4231 MT= 55 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 58.65 %



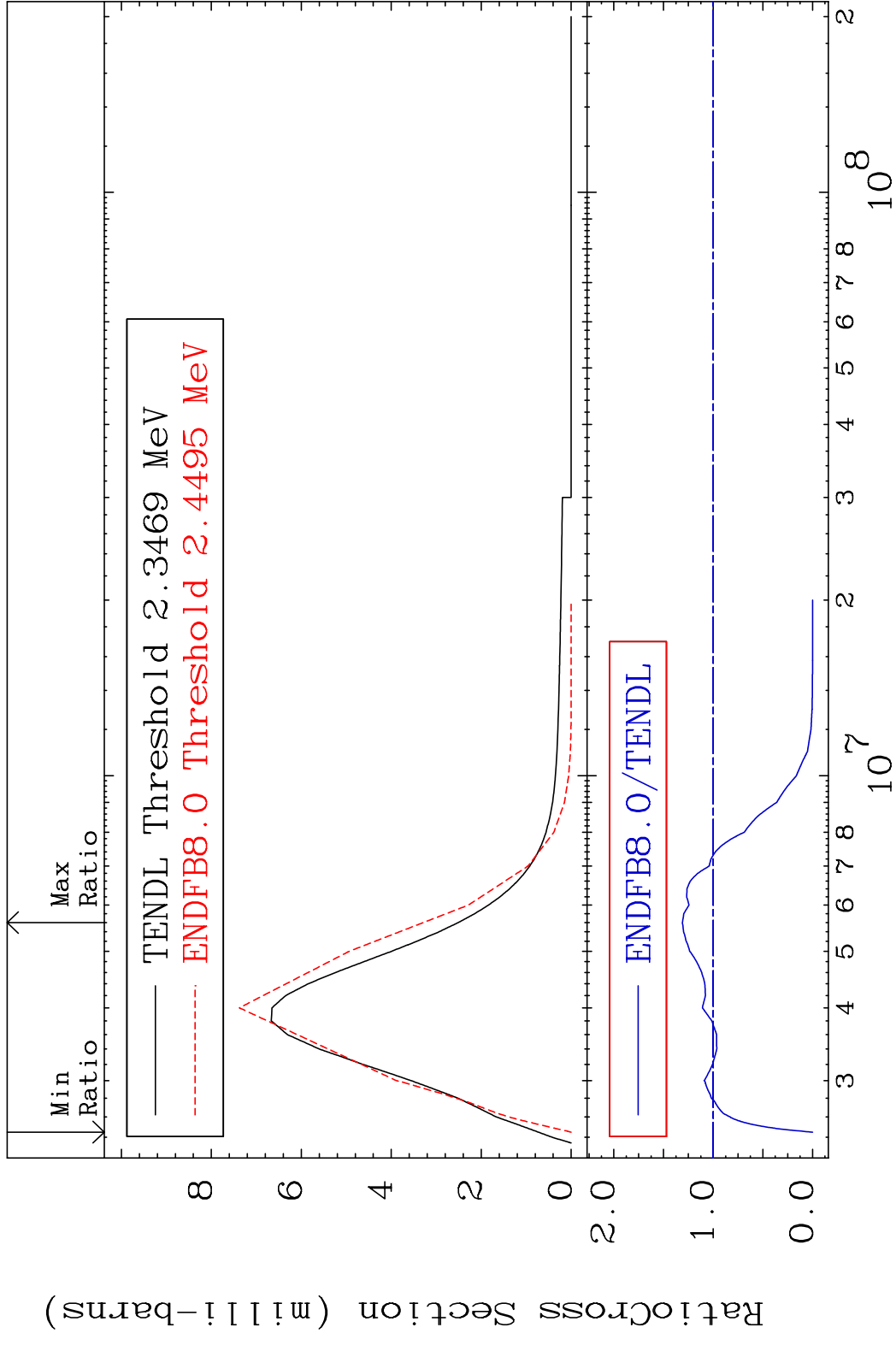
MAT 4231 MT= 56 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 69.24 %



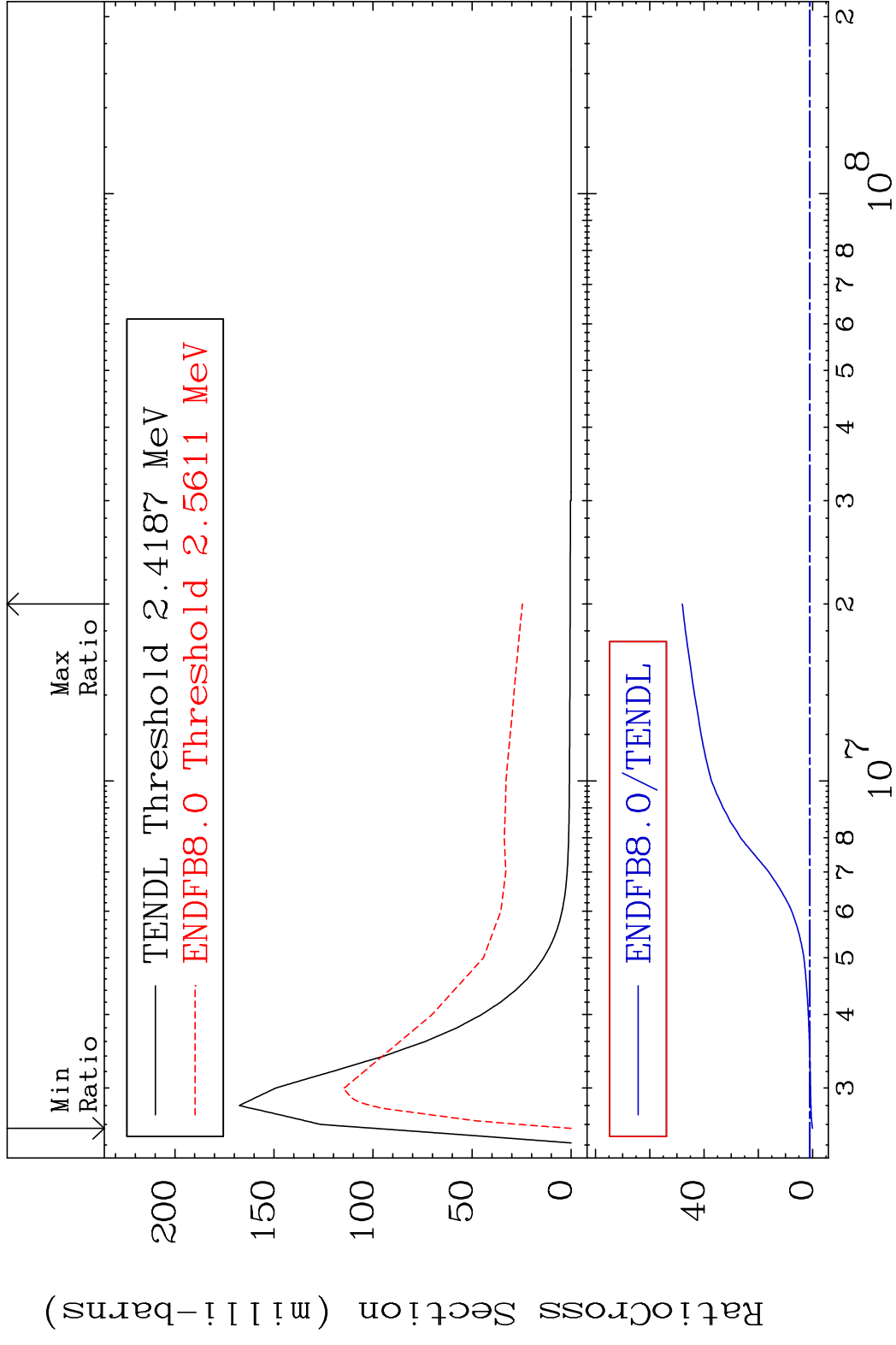
MAT 4231 MT= 57 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 117.4 %



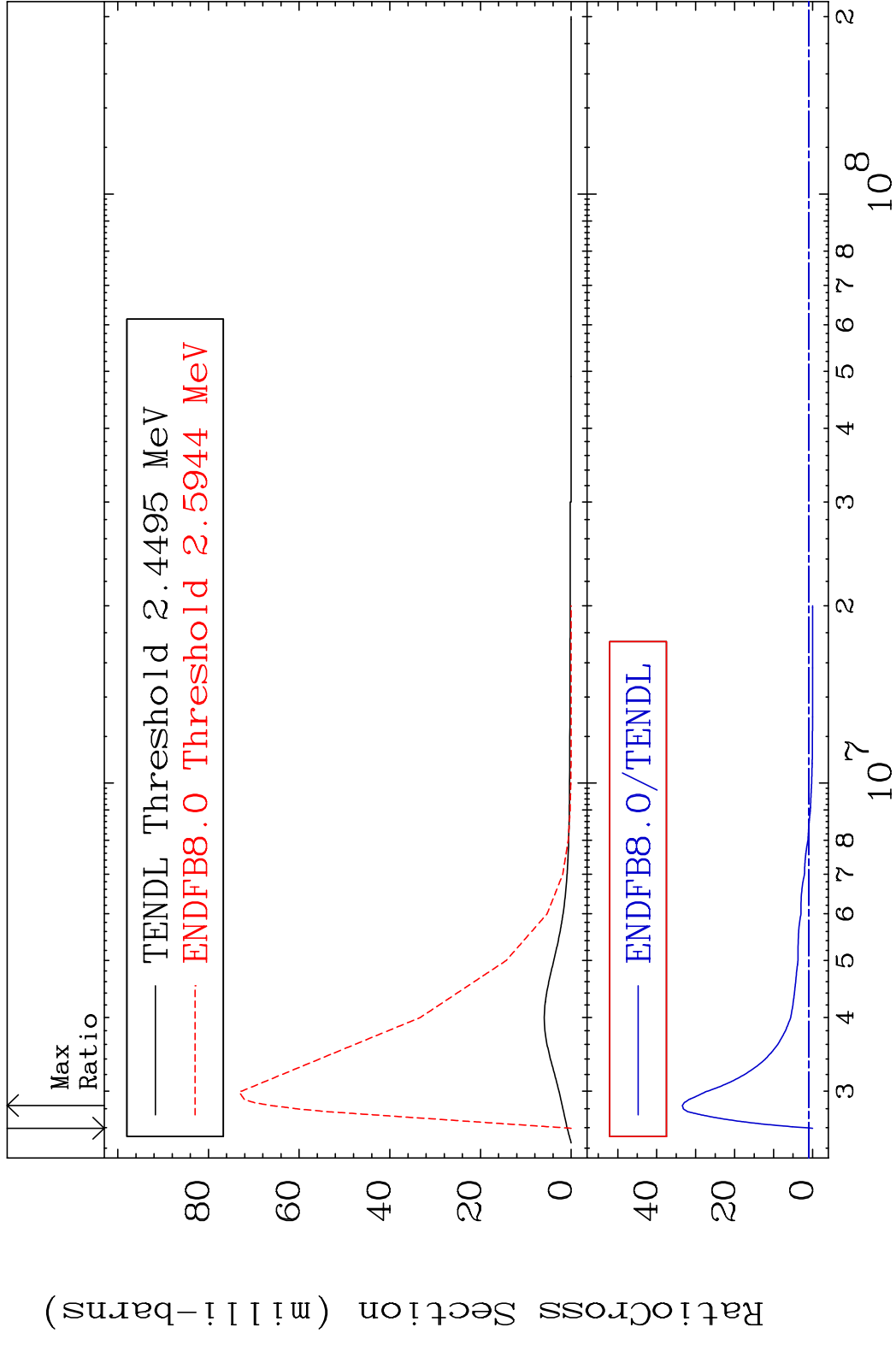
MAT 4231 MT= 58 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 31.05 %



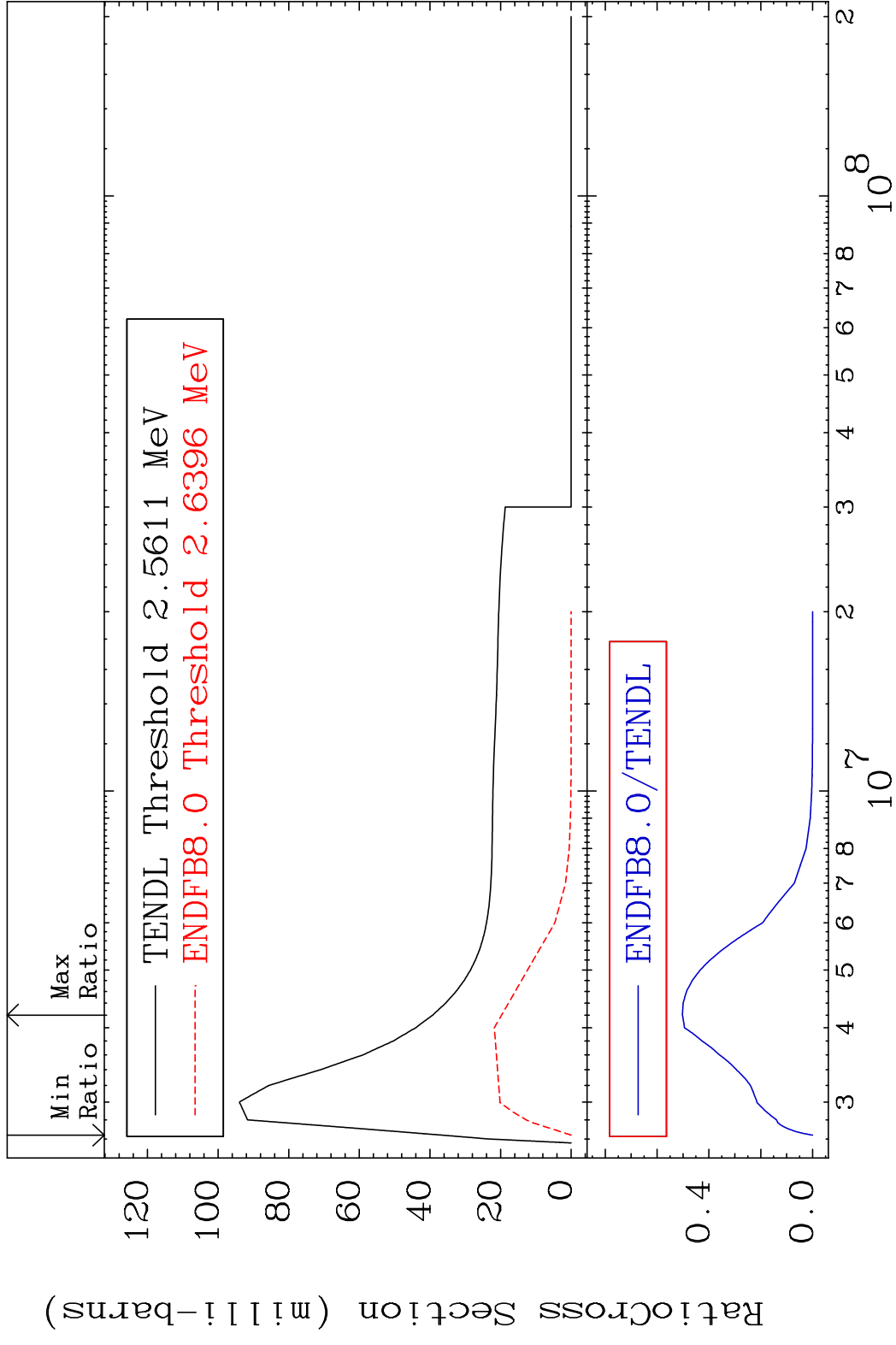
MAT 4231 MT= 59 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 4698. %



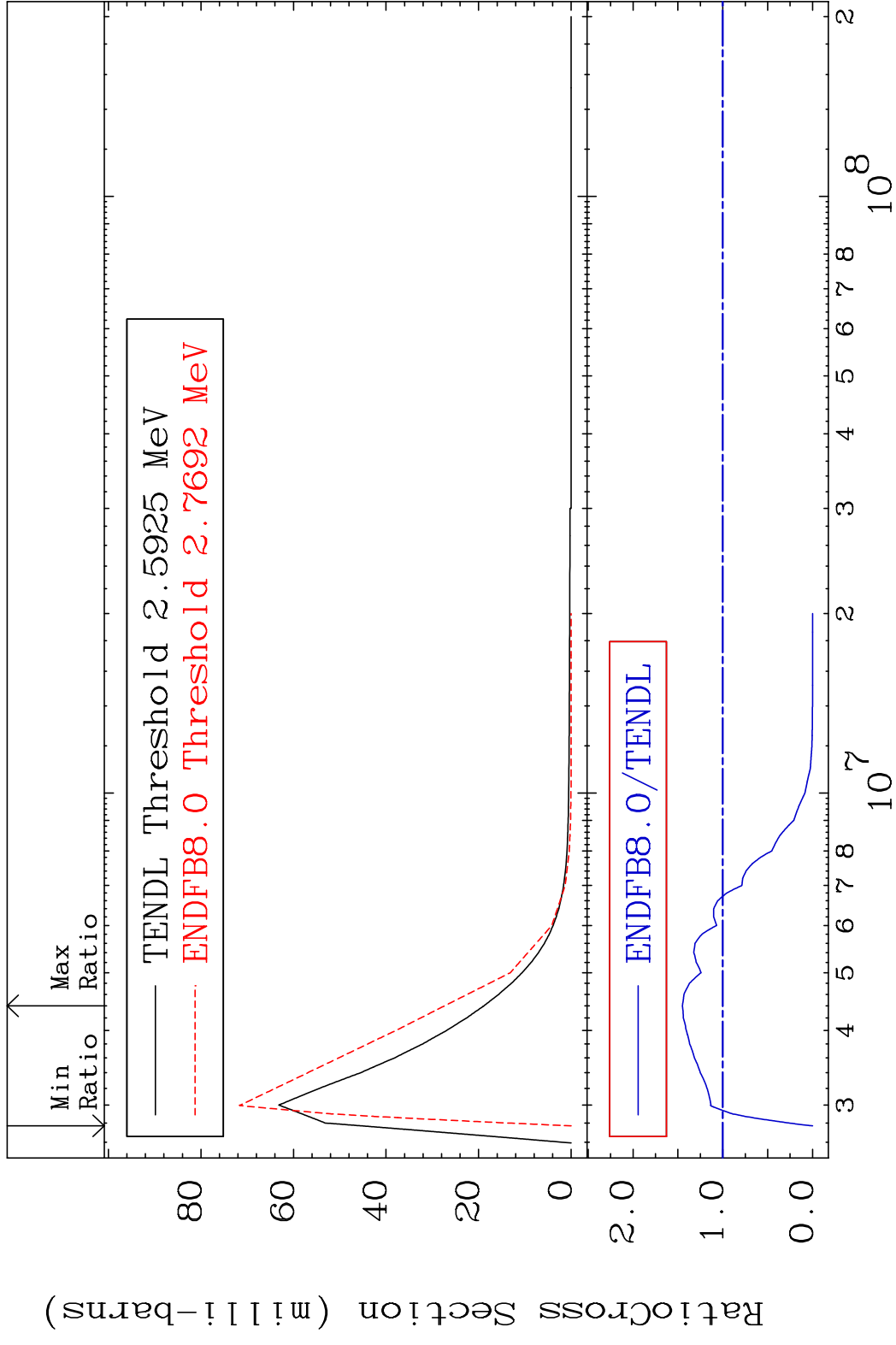
MAT 4231 MT= 60 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 3242. %



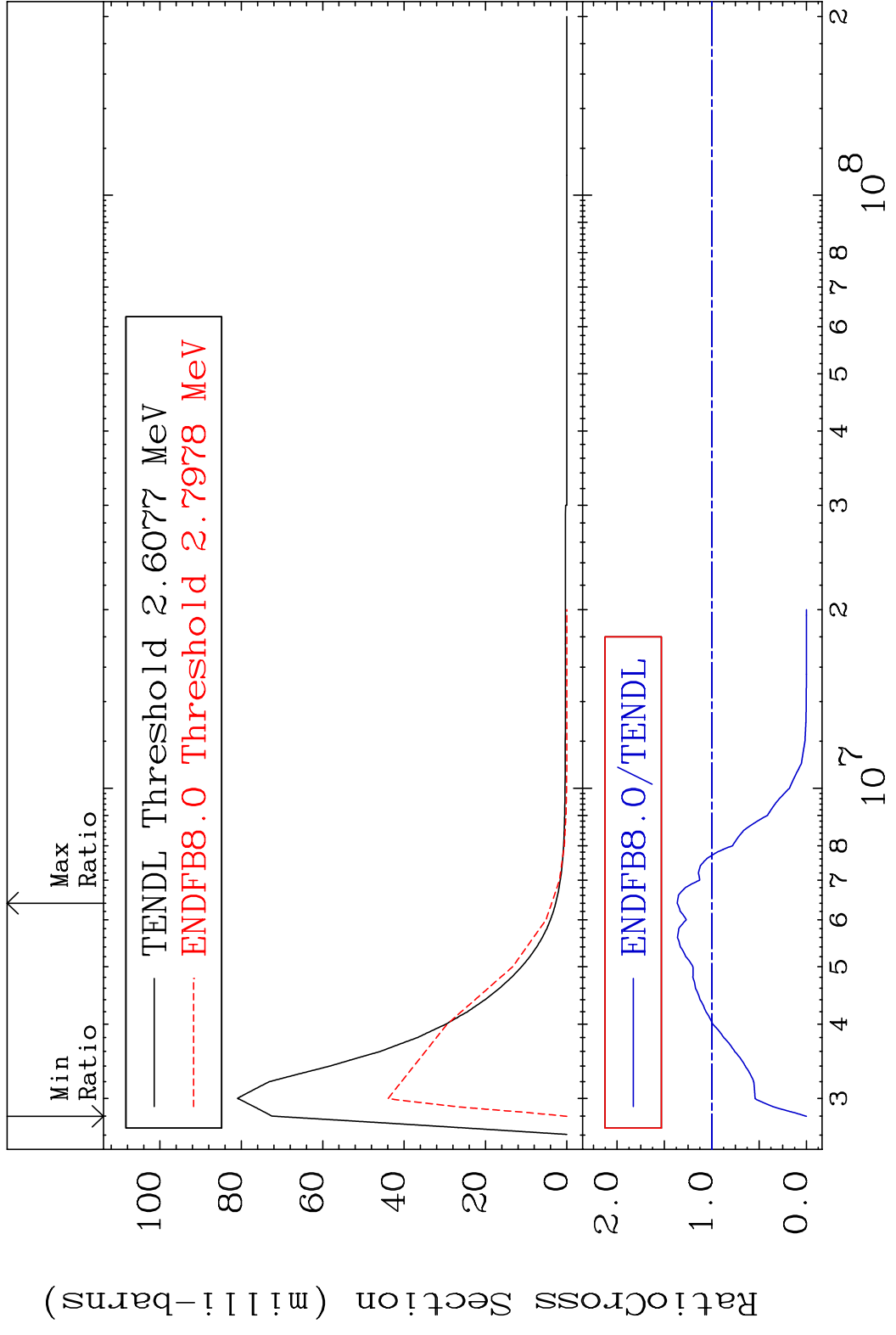
MAT 4231 MT= 61 (n, n') Level 42-Mo-94
 Cross Section -100.0 To -49.76%



MAT 4231 MT= 62 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 45.06 %

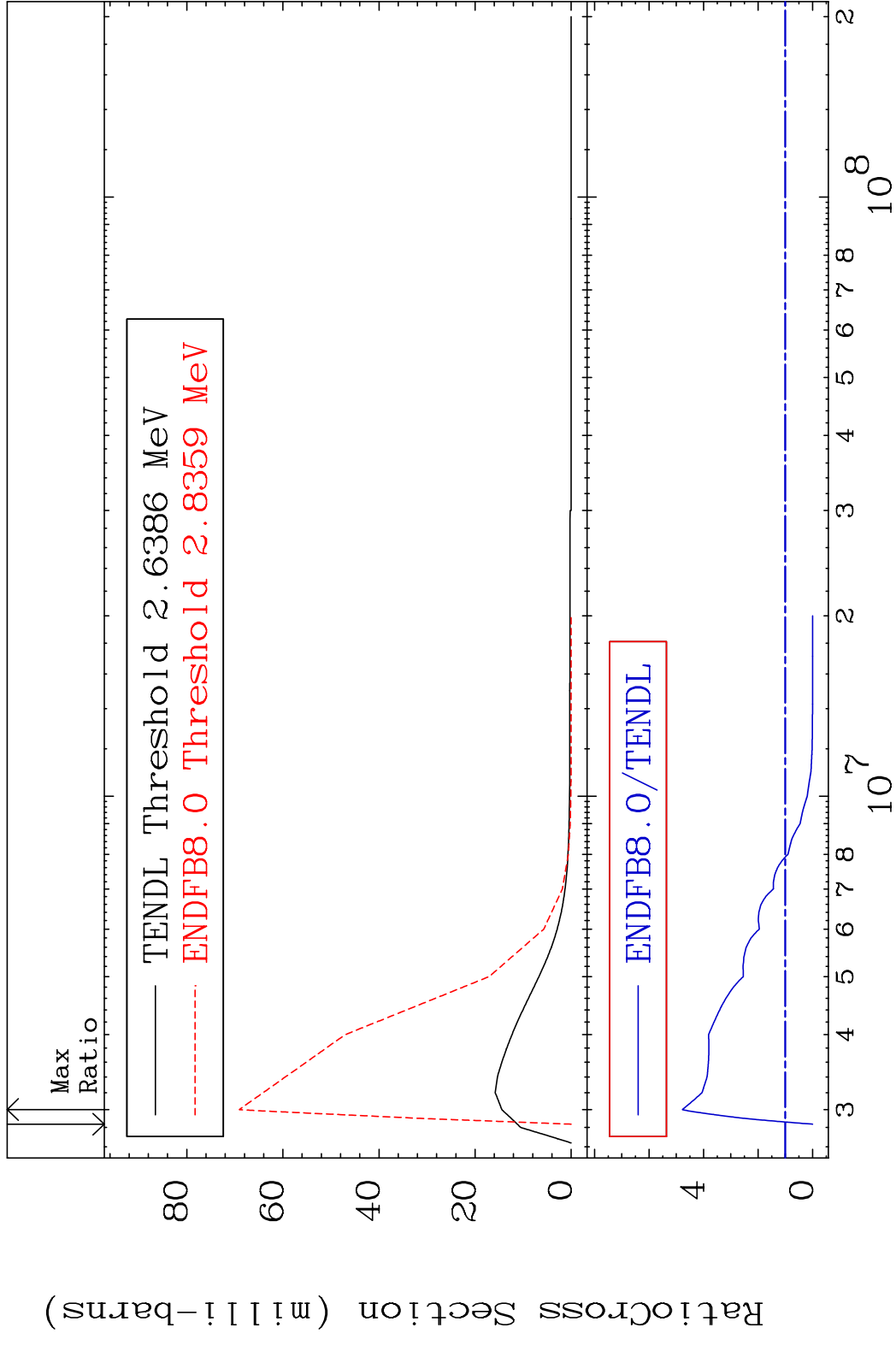


MAT 4231 MT= 63 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 36.52 %

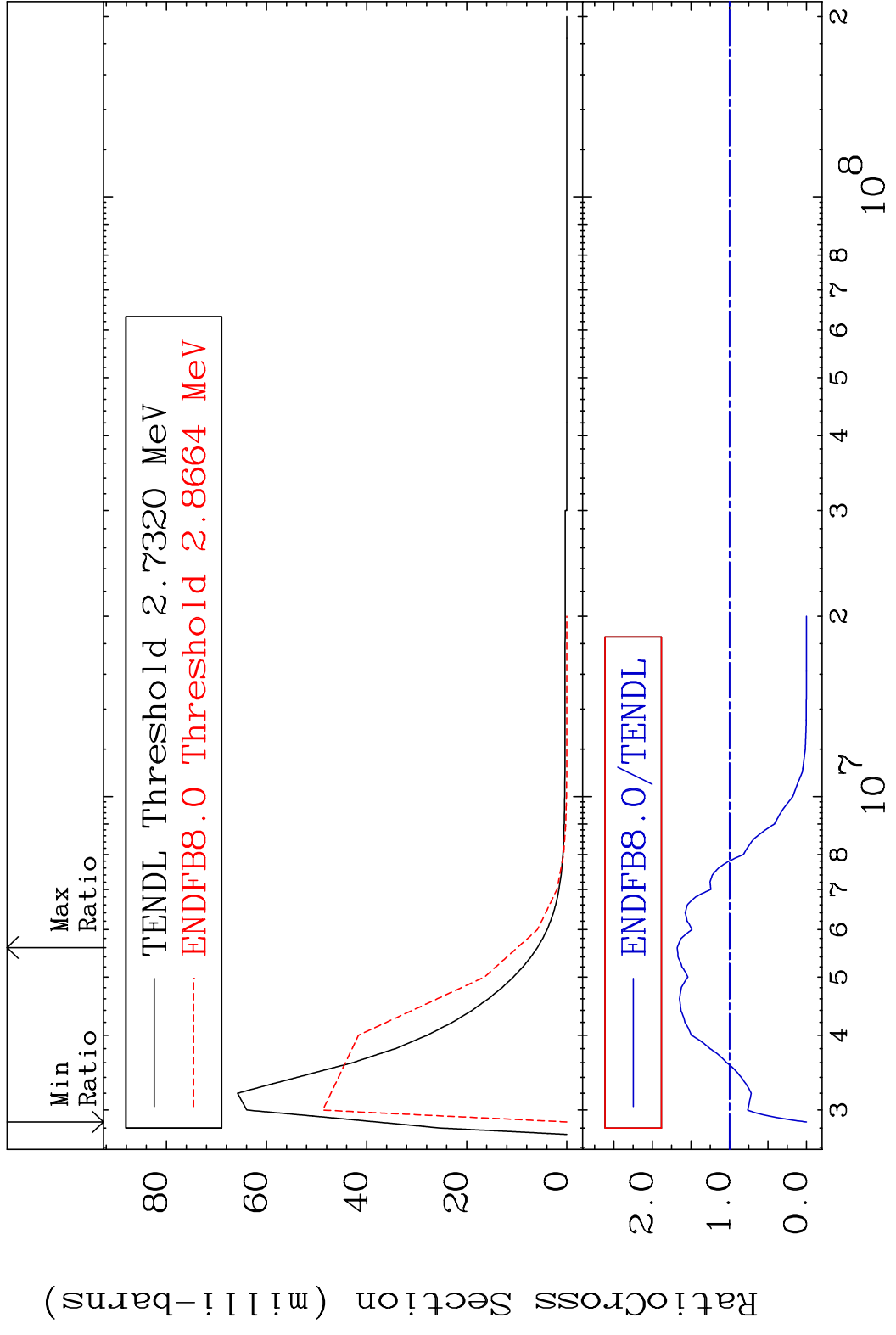


20 Incident Energy (eV) 42-Mo-94

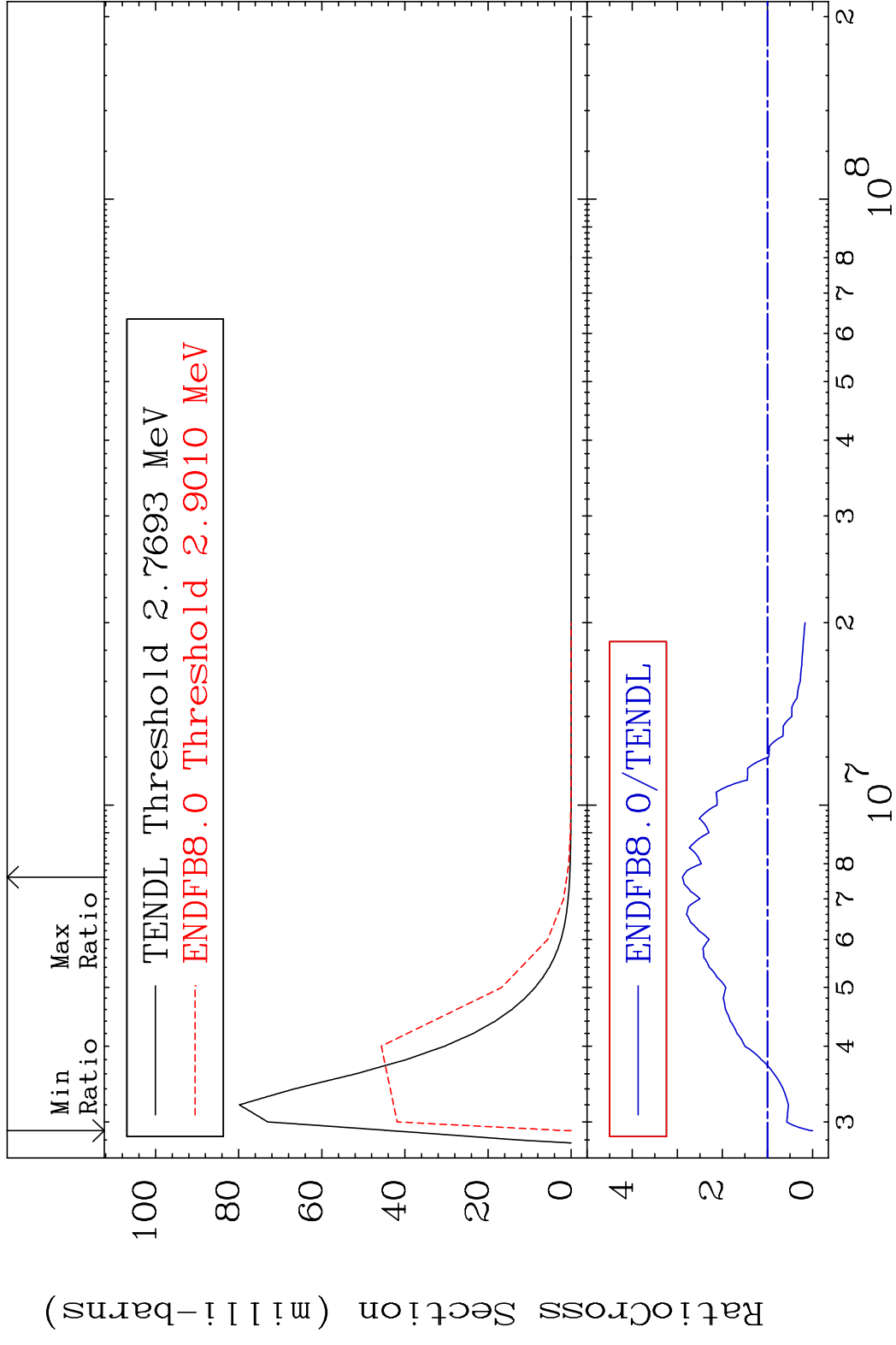
MAT 4231 MT= 64 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 377.9 %



MAT 4231 MT= 65 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 67.84 %



MAT 4231 MT= 66 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 188.8 %

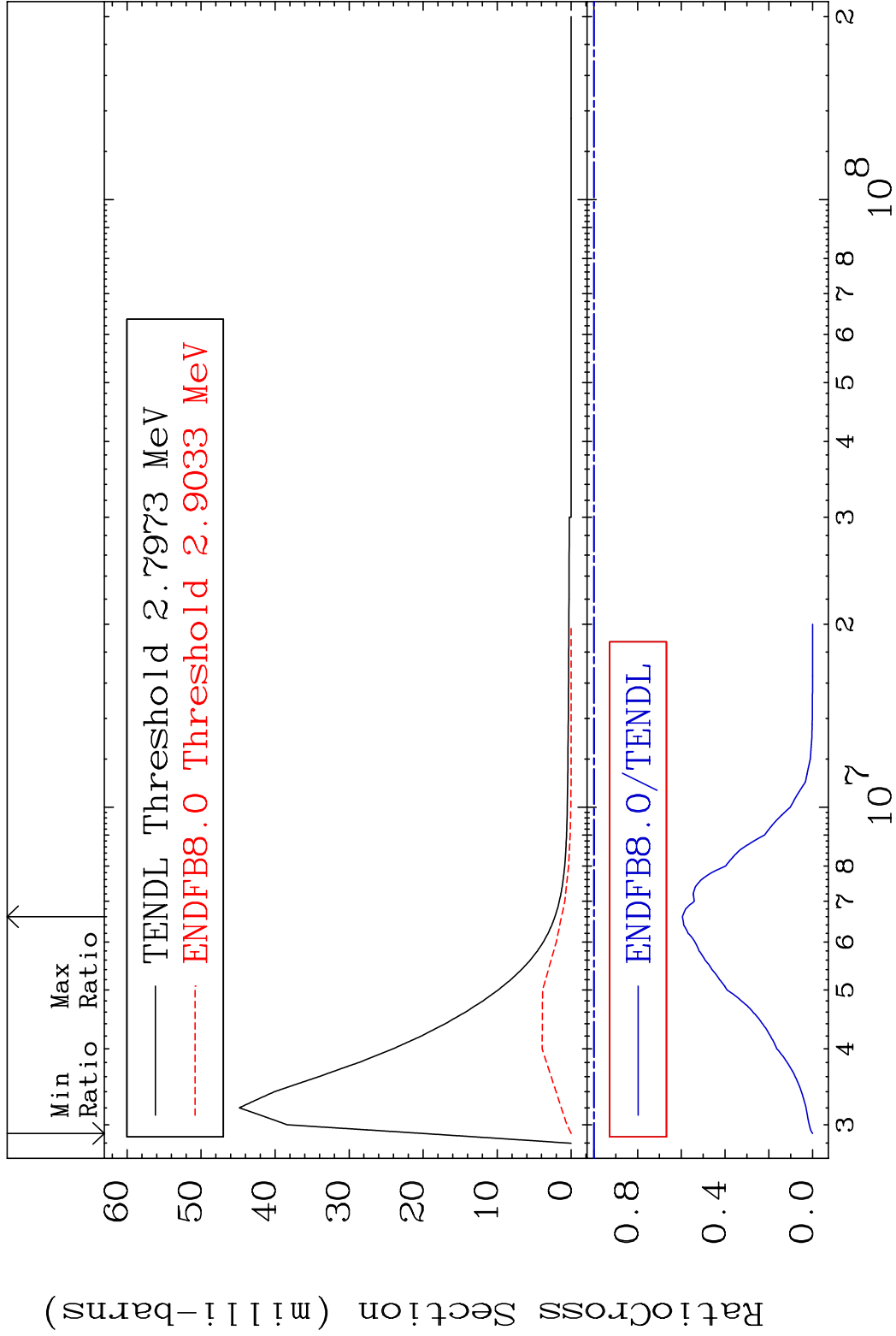


MAT 4231

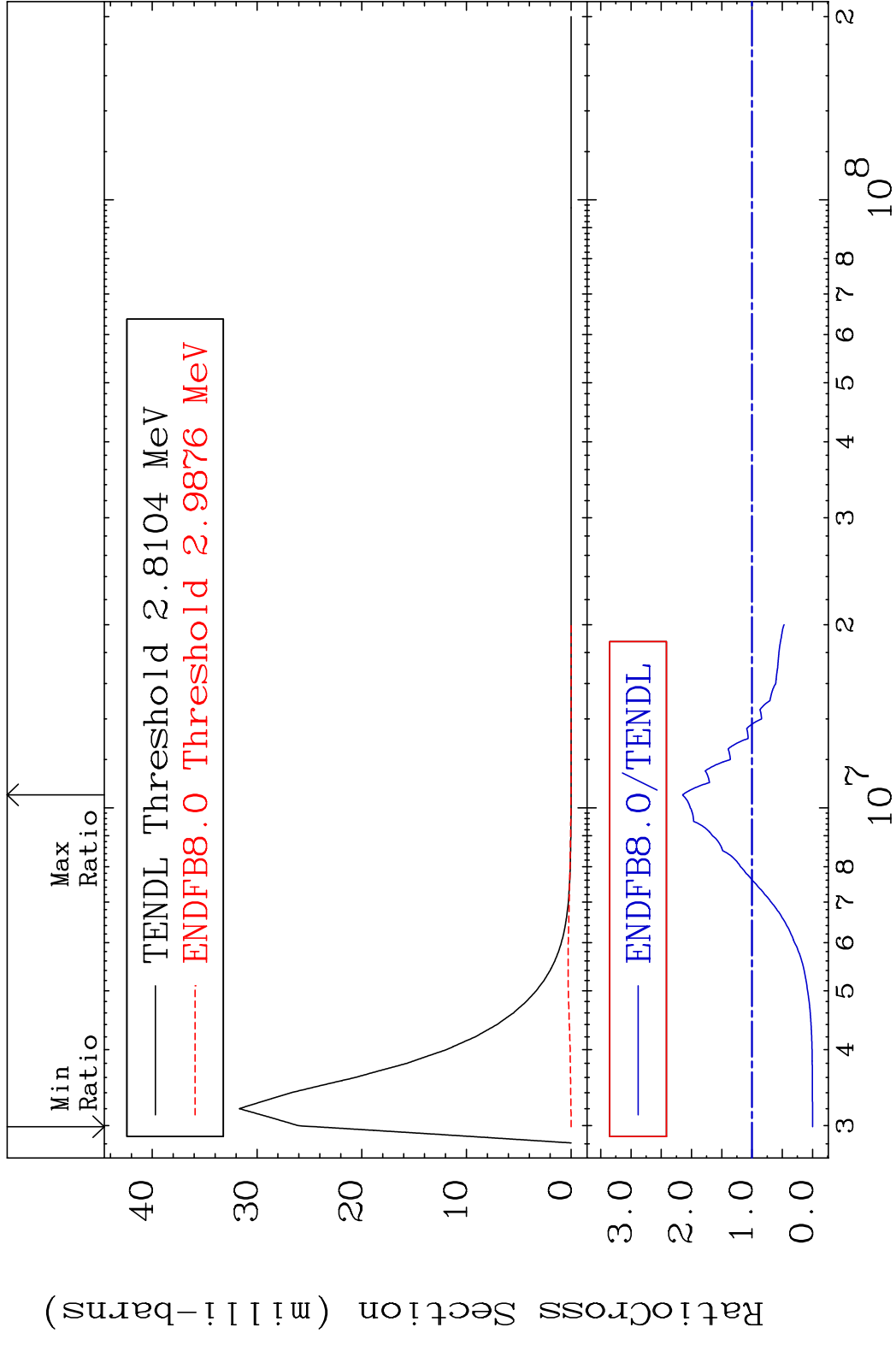
MT= 67 (n, n') Level

42-Mo-94

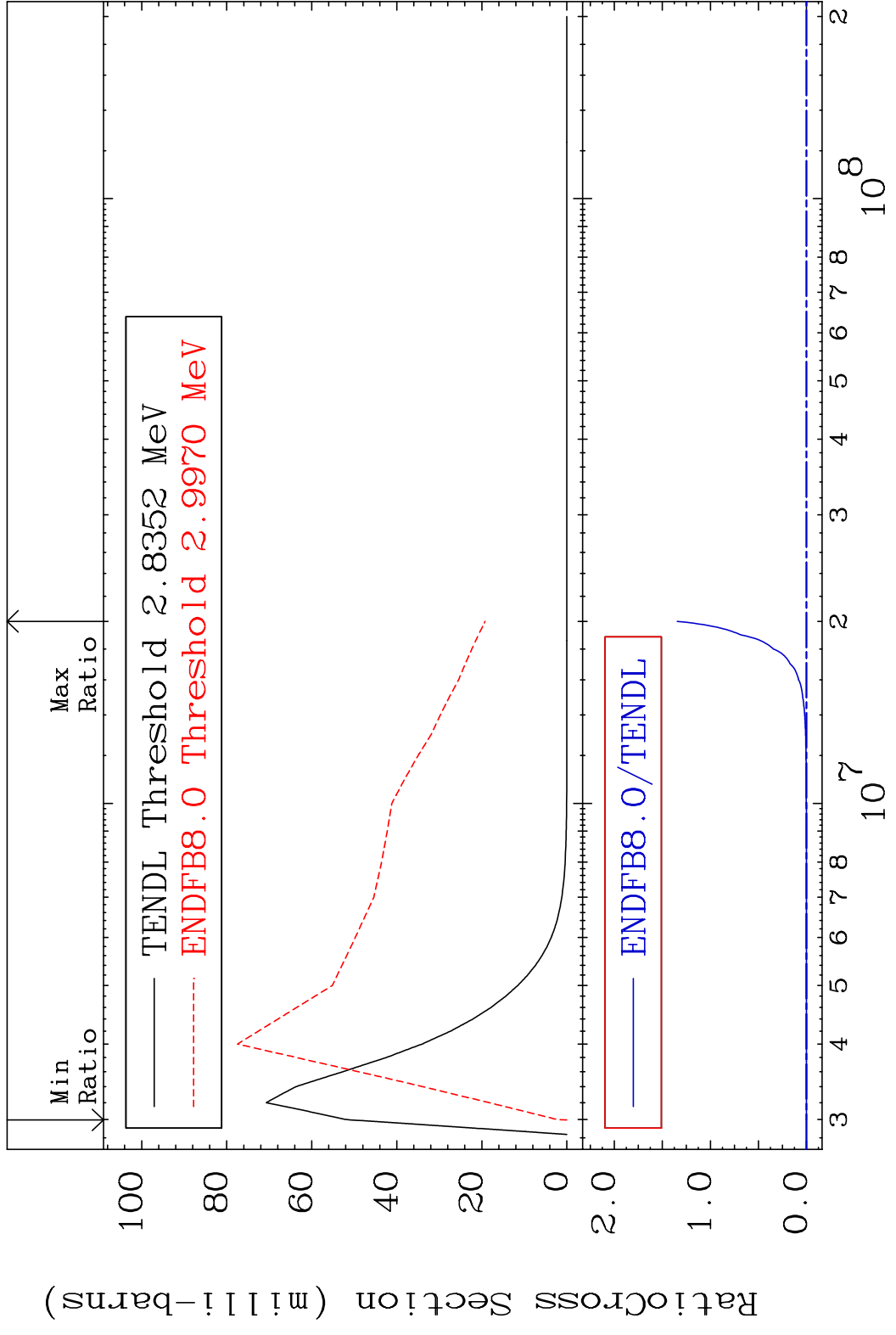
Cross Section -100.0 To -40.46%



MAT 4231 MT= 68 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 115.1 %



MAT 4231 MT= 69 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

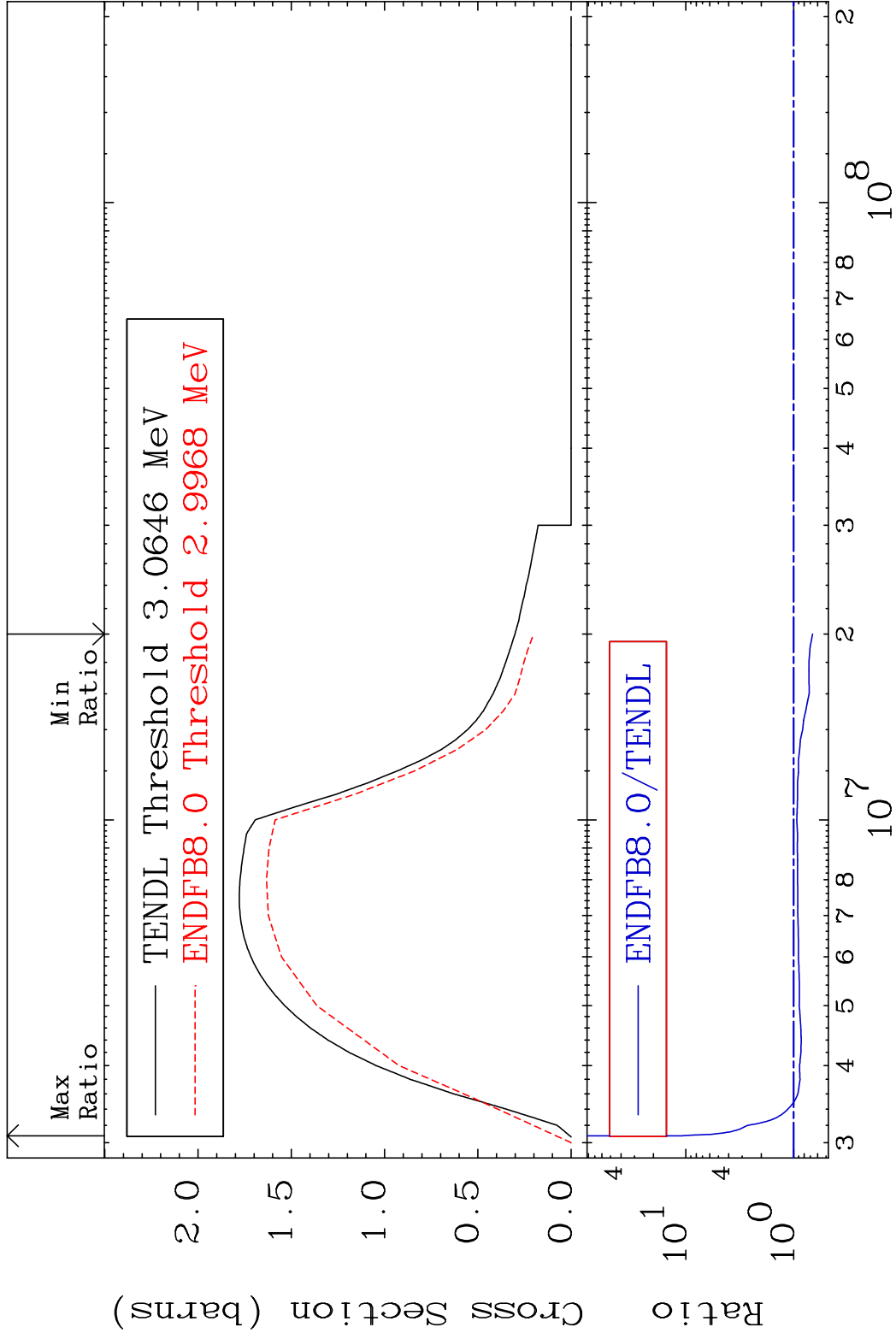


MAT 4231

(n,n') Continuum

42-Mo-94

Cross Section -33.18 To 977.9 %

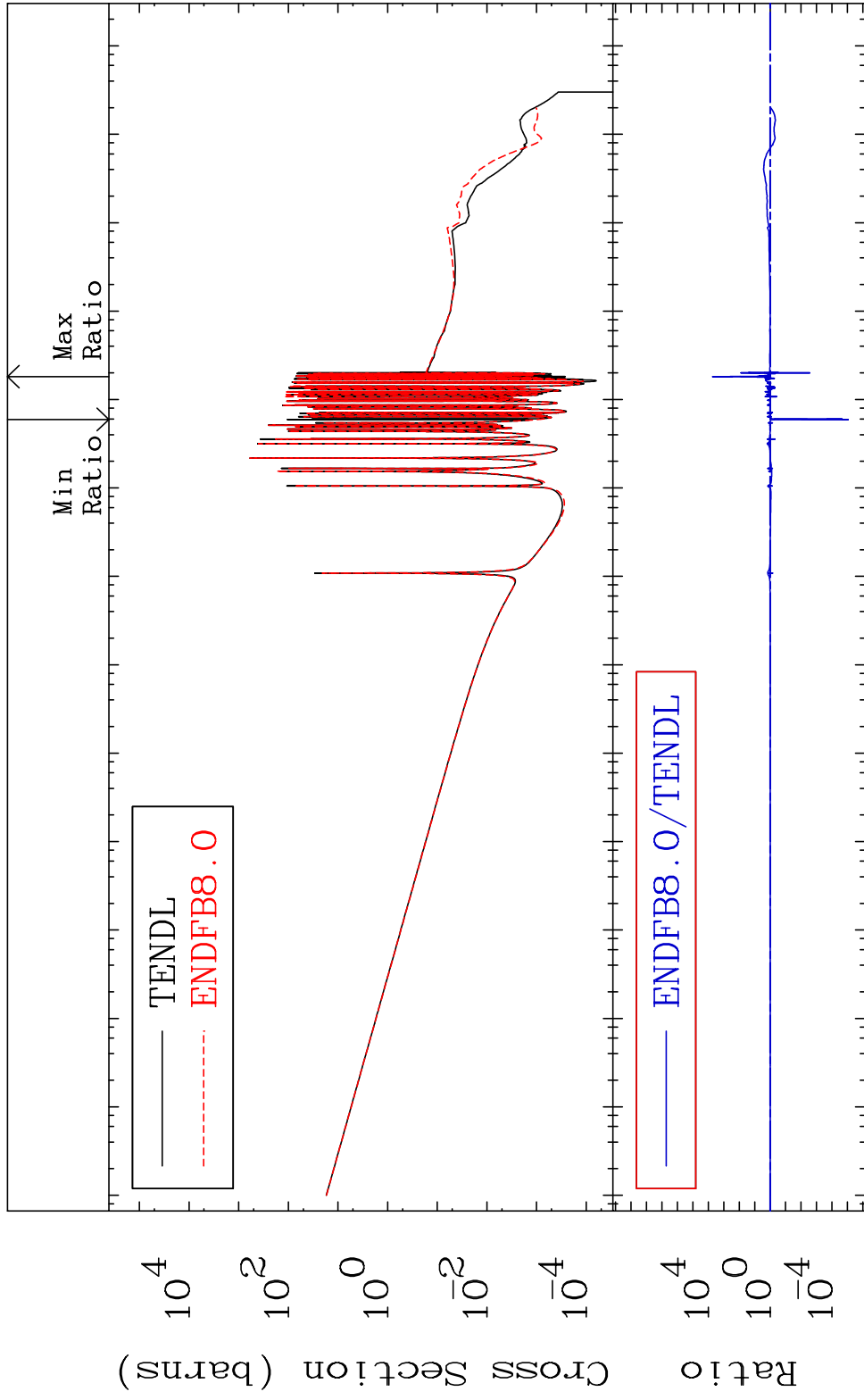


MAT 4231

(n, γ)

42-Mo-94

Cross Section -100.0 To 9999. %

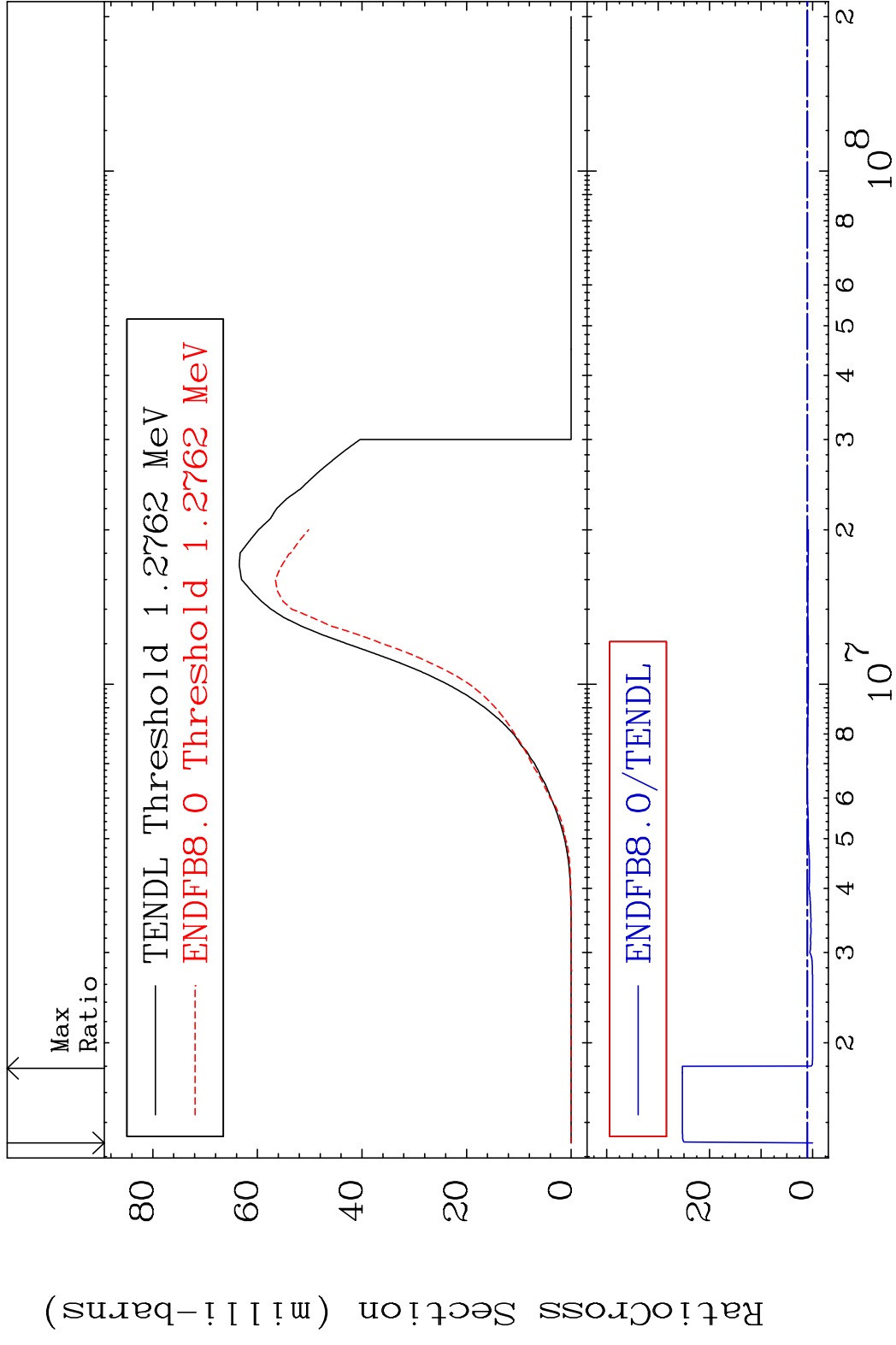


28

Incident Energy (eV)

42-Mo-94

MAT 4231 (n,p) 42-Mo-94
 Cross Section -100.0 To 2430. %

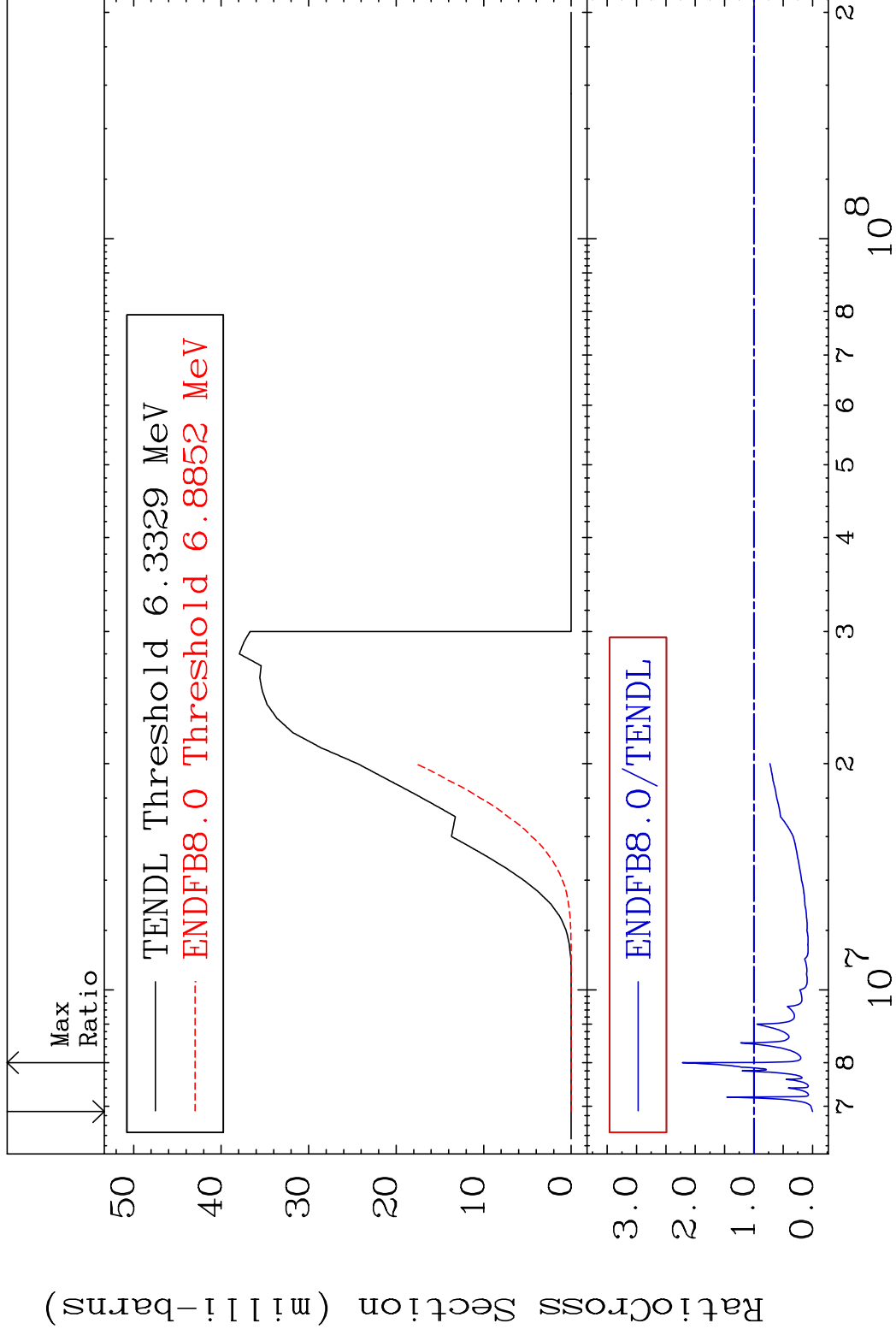


MAT 4231

(n,d)

42-Mo-94

Cross Section -100.0 To 121.9 %



30

Incident Energy (eV)

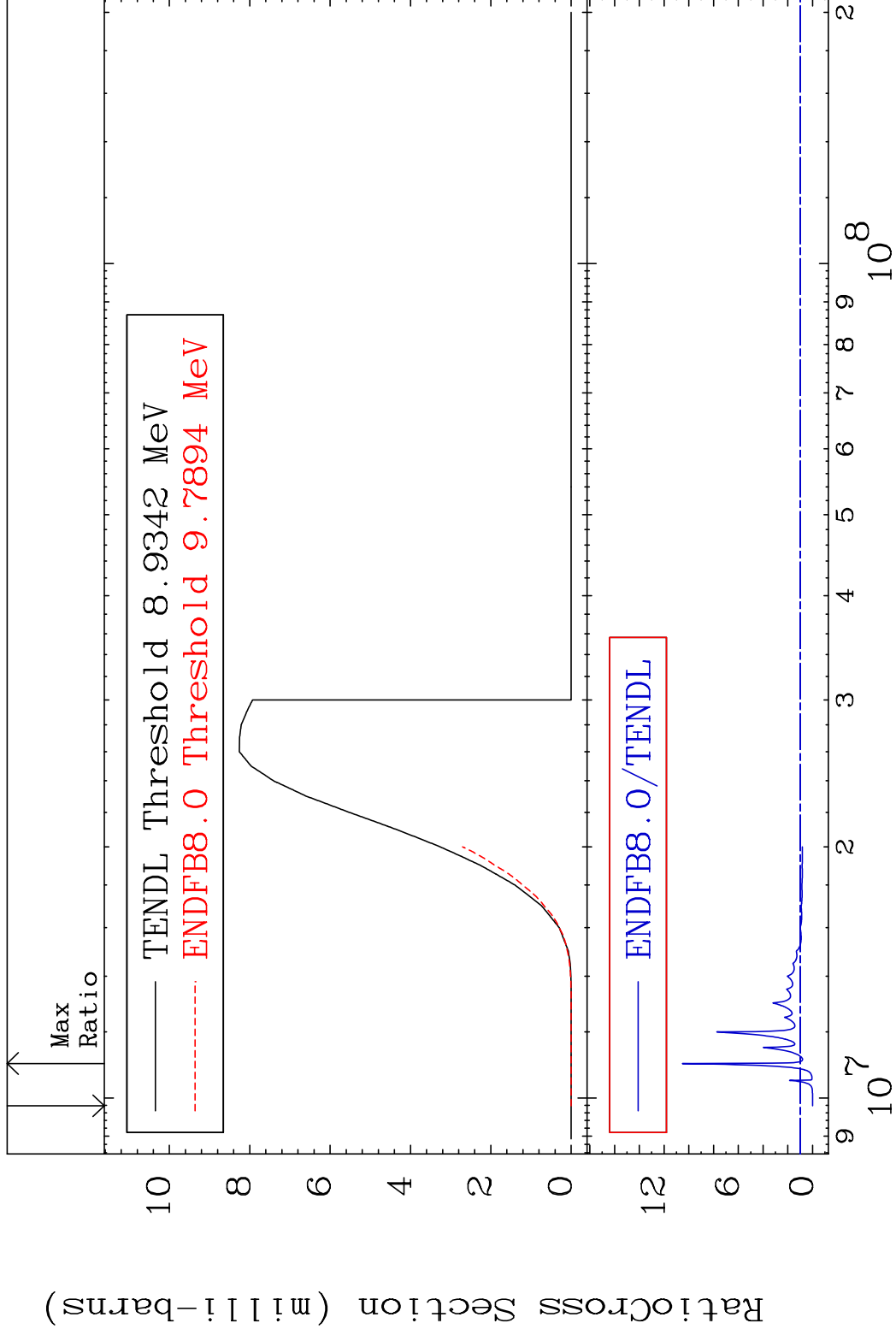
42-Mo-94

MAT 4231

(n, t)

42-Mo-94

Cross Section -100.0 To 952.3 %



31

Incident Energy (eV)

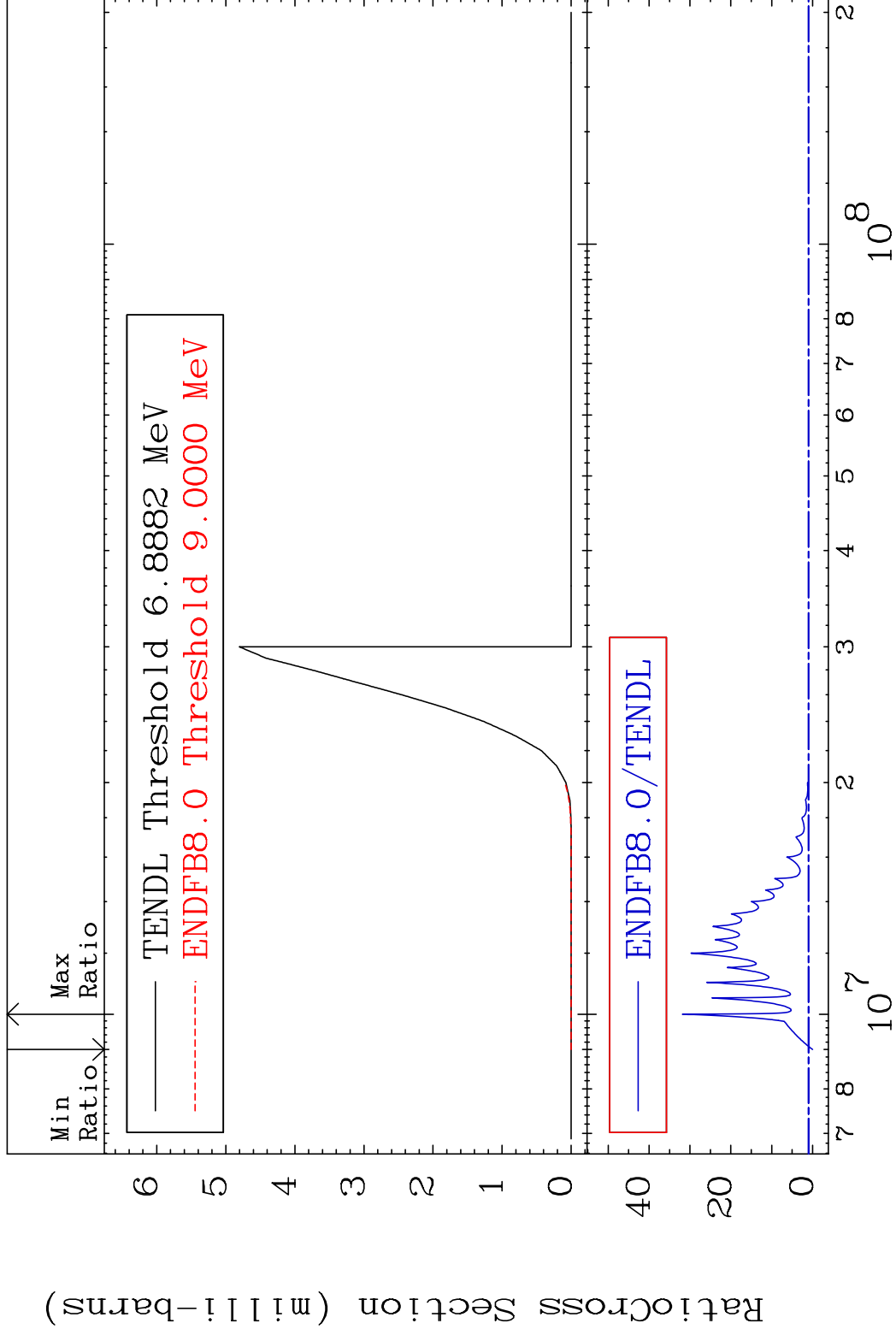
42-Mo-94

MAT 4231

(n, He-3)

42-Mo-94

Cross Section -100.0 To 3086. %



32

Incident Energy (eV)

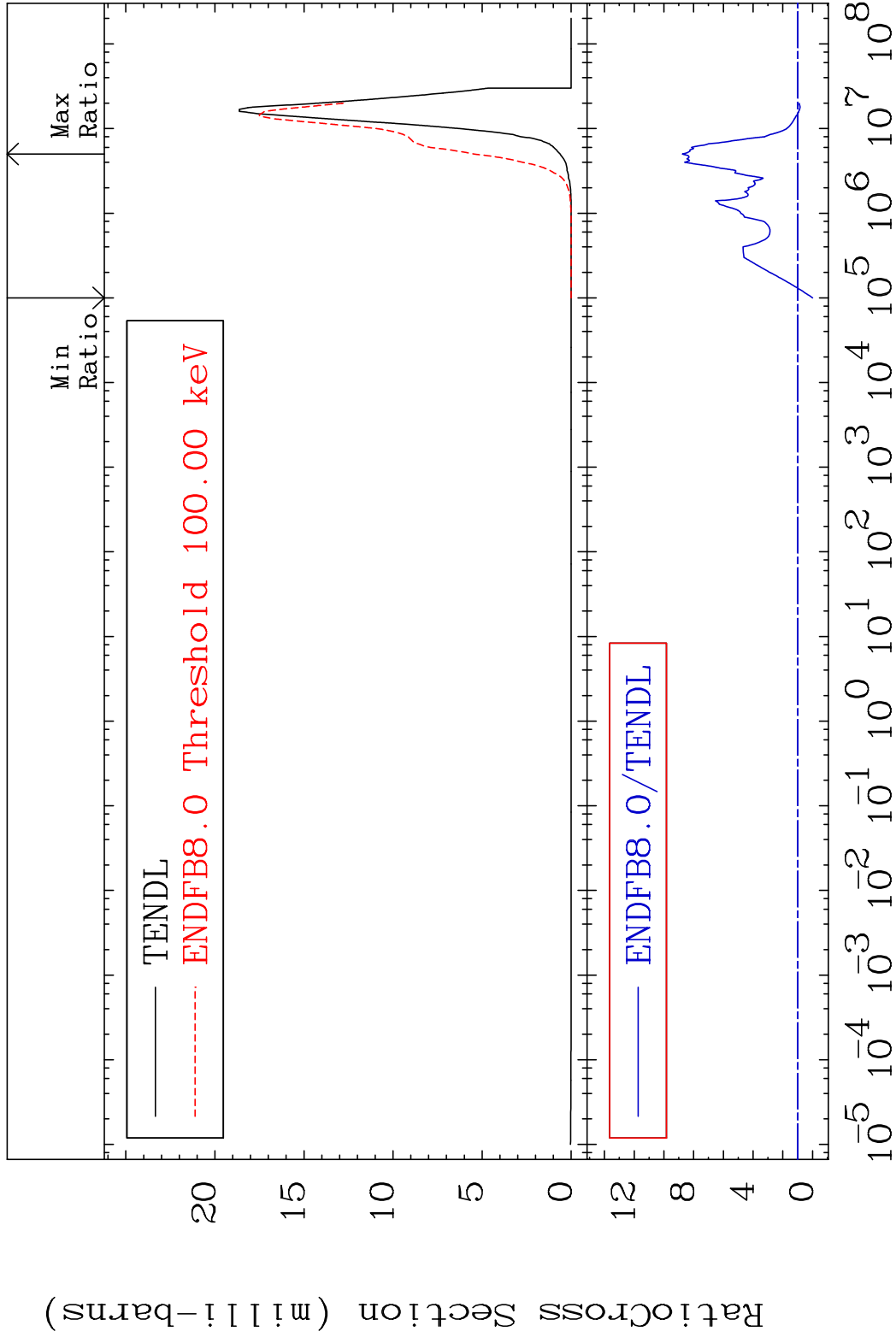
42-Mo-94

MAT 4231

(n, α)

42-Mo-94

Cross Section -100.0 To 775.8 %



33

Incident Energy (eV)

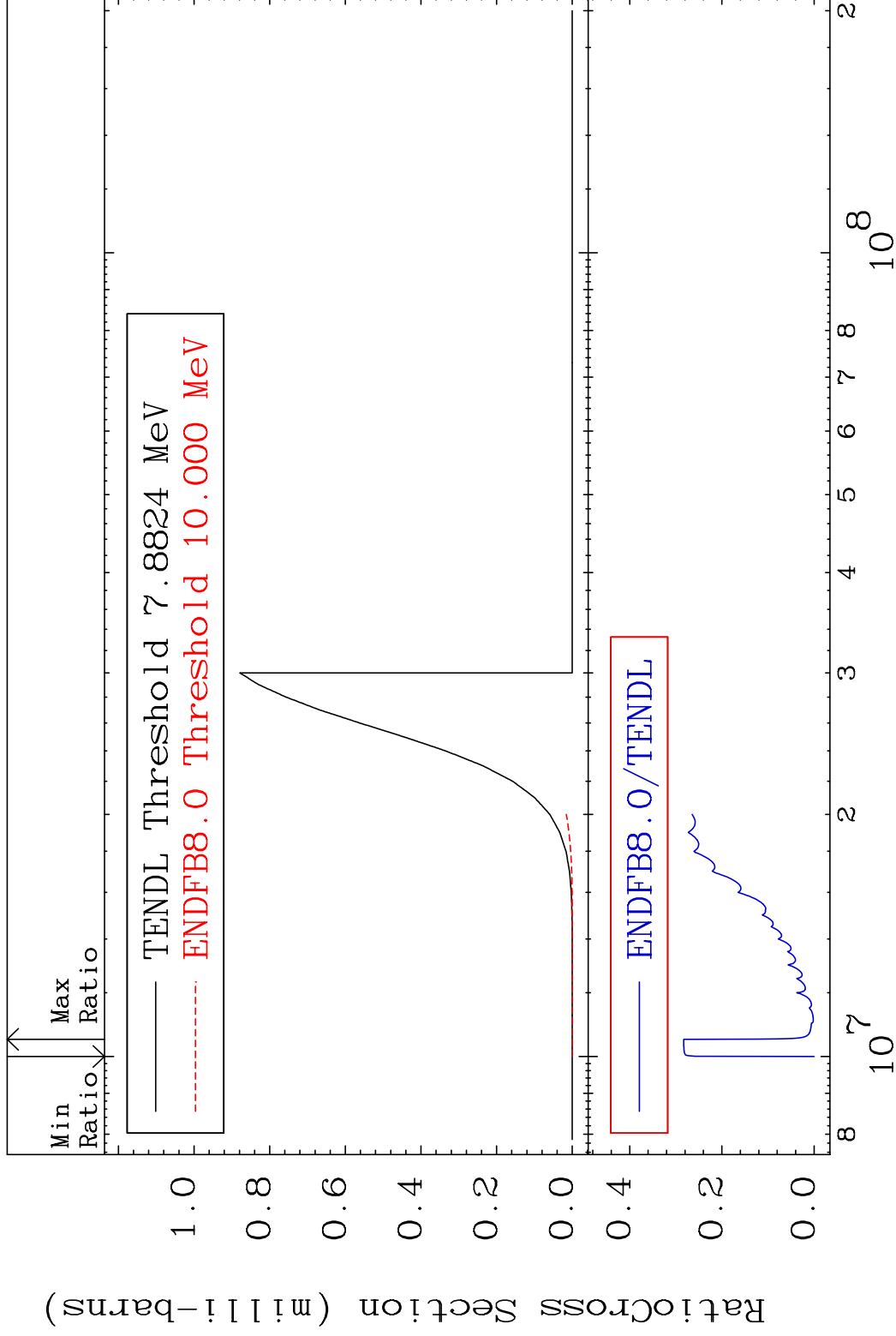
42-Mo-94

MAT 4231

(n,2p)

42-Mo-94

Cross Section -100.0 To -71.71%

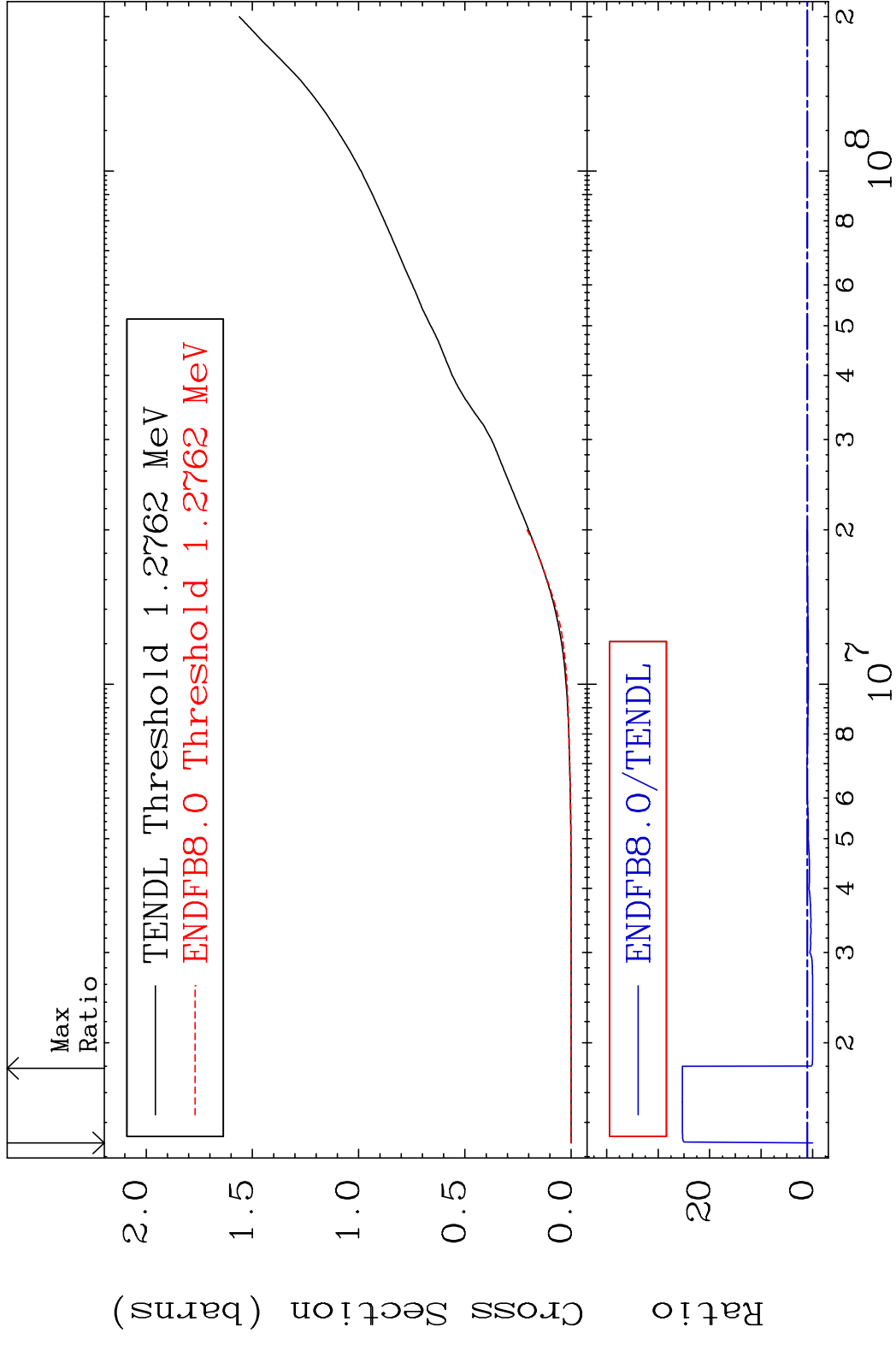


34

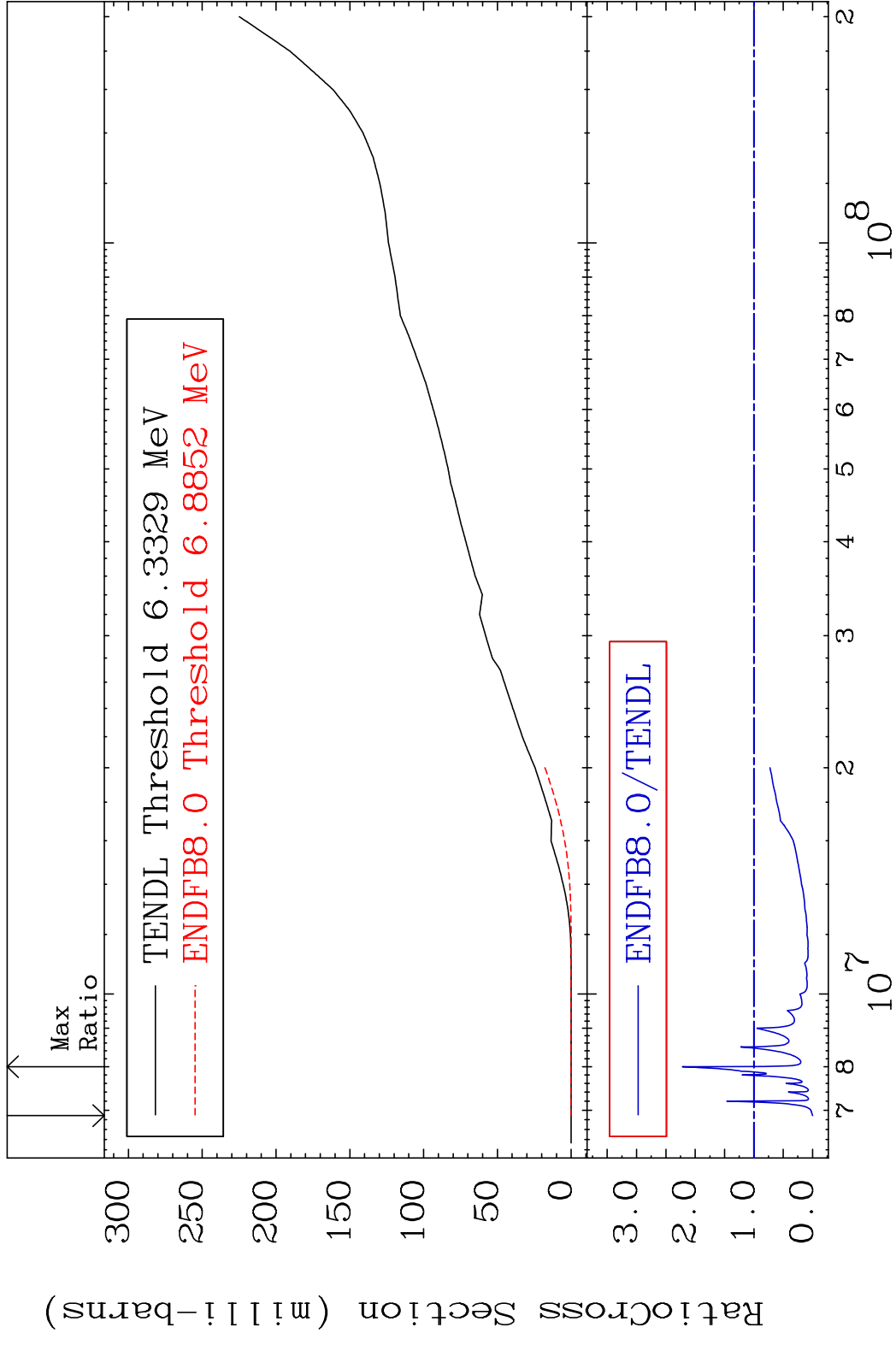
Incident Energy (eV)

42-Mo-94

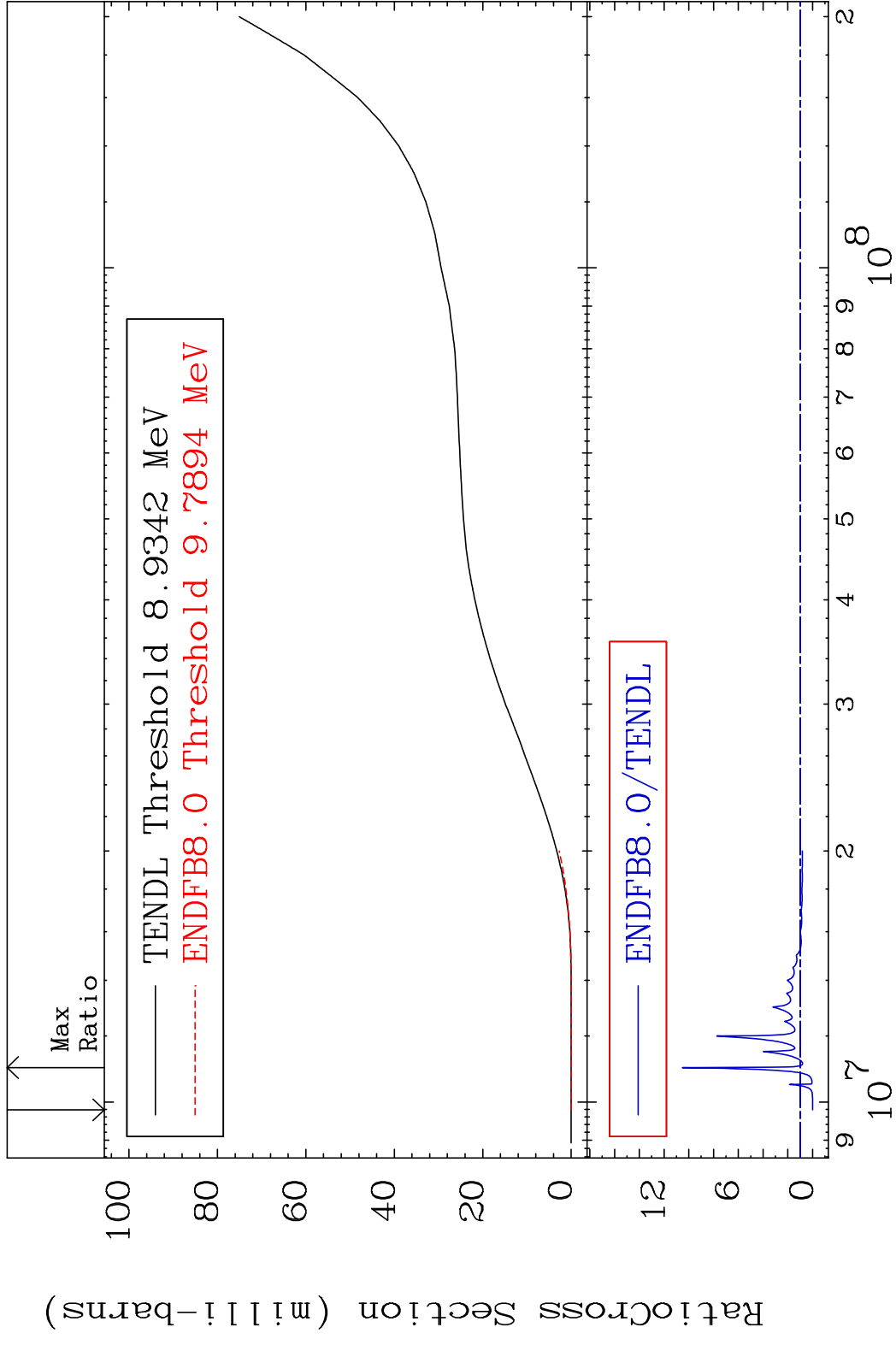
MAT 4231 Hydrogen Production 42-Mo-94
 Cross Section -100.0 To 2430. %



MAT 4231 Deuterium Production 42-Mo-94
 Cross Section -100.0 To 121.9 %



MAT 4231 Tritium Production 42-Mo-94
 Cross Section -100.0 To 952.3 %

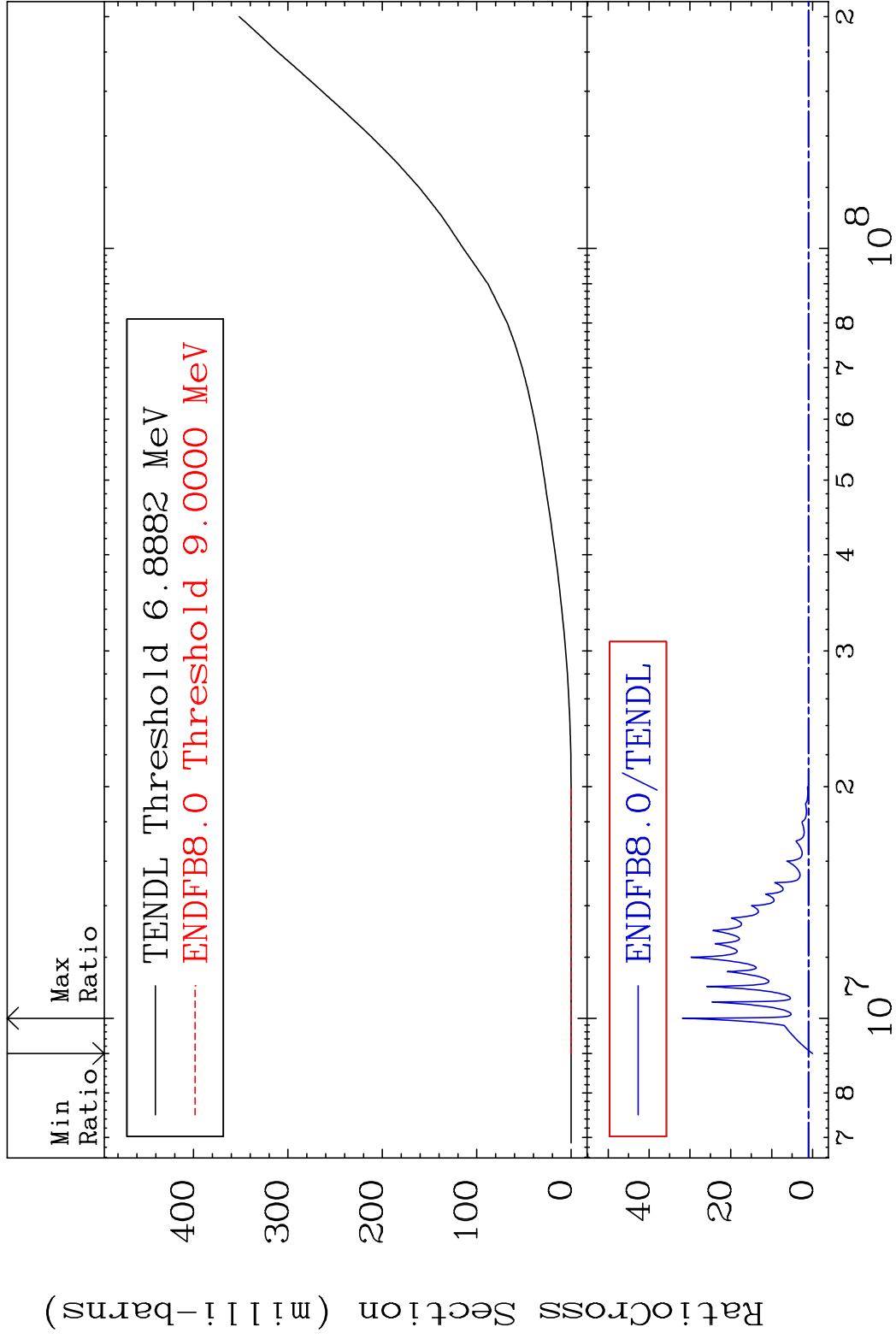


MAT 4231

He-3 Production

42-Mo-94

Cross Section -100.0 To 3086. %



38

Incident Energy (eV)

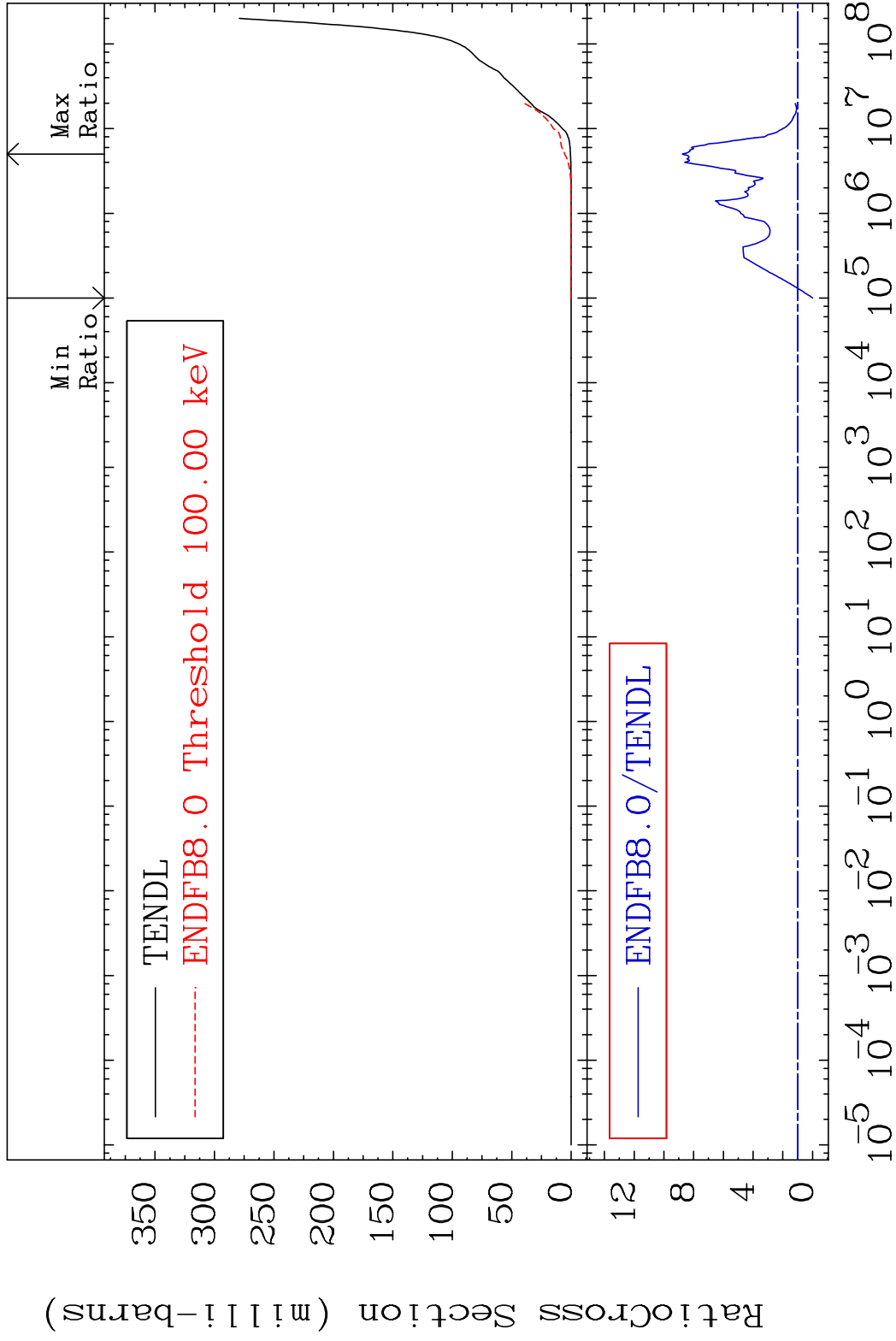
42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 775.8 %

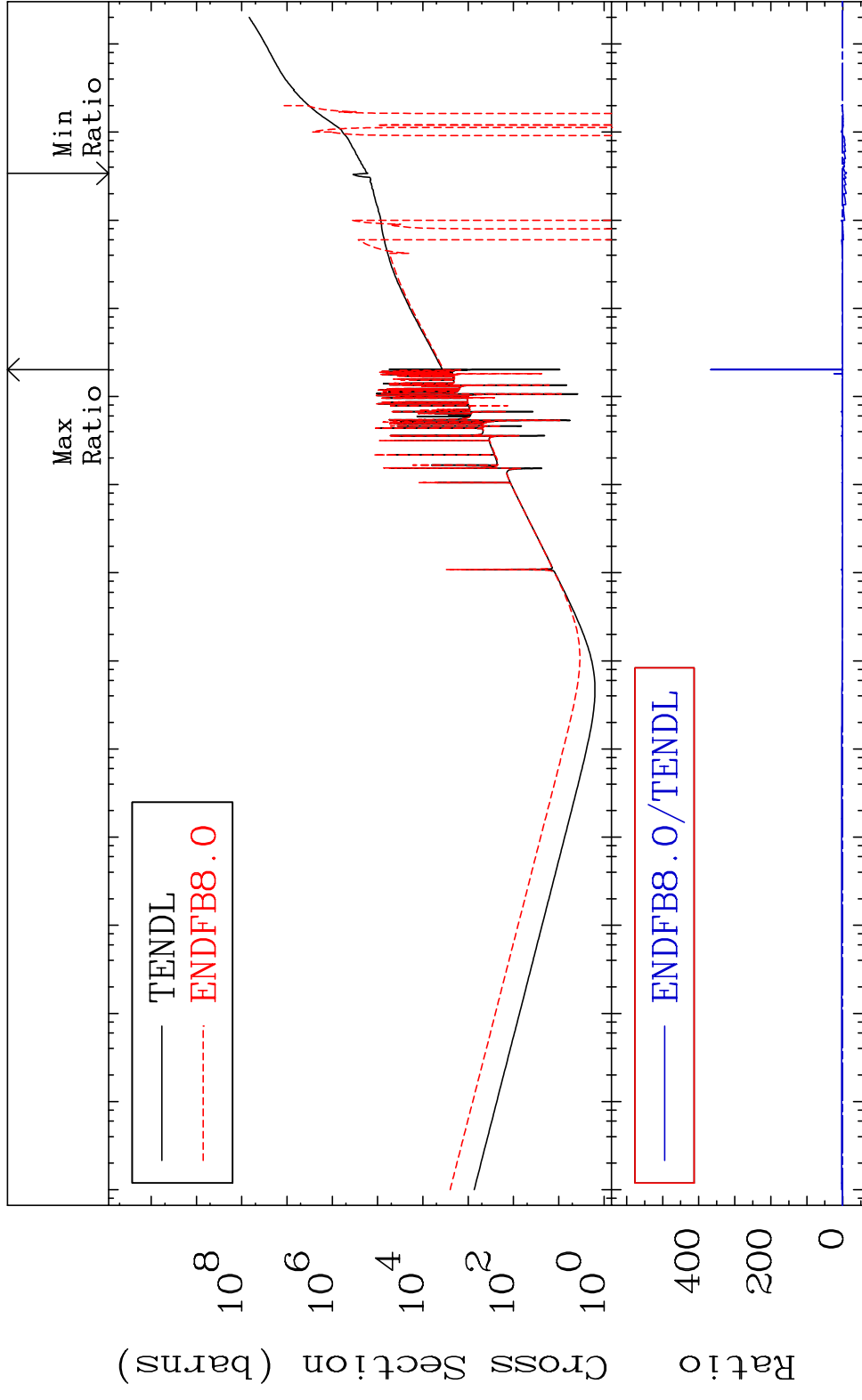


39

Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -1060. To 9999. %

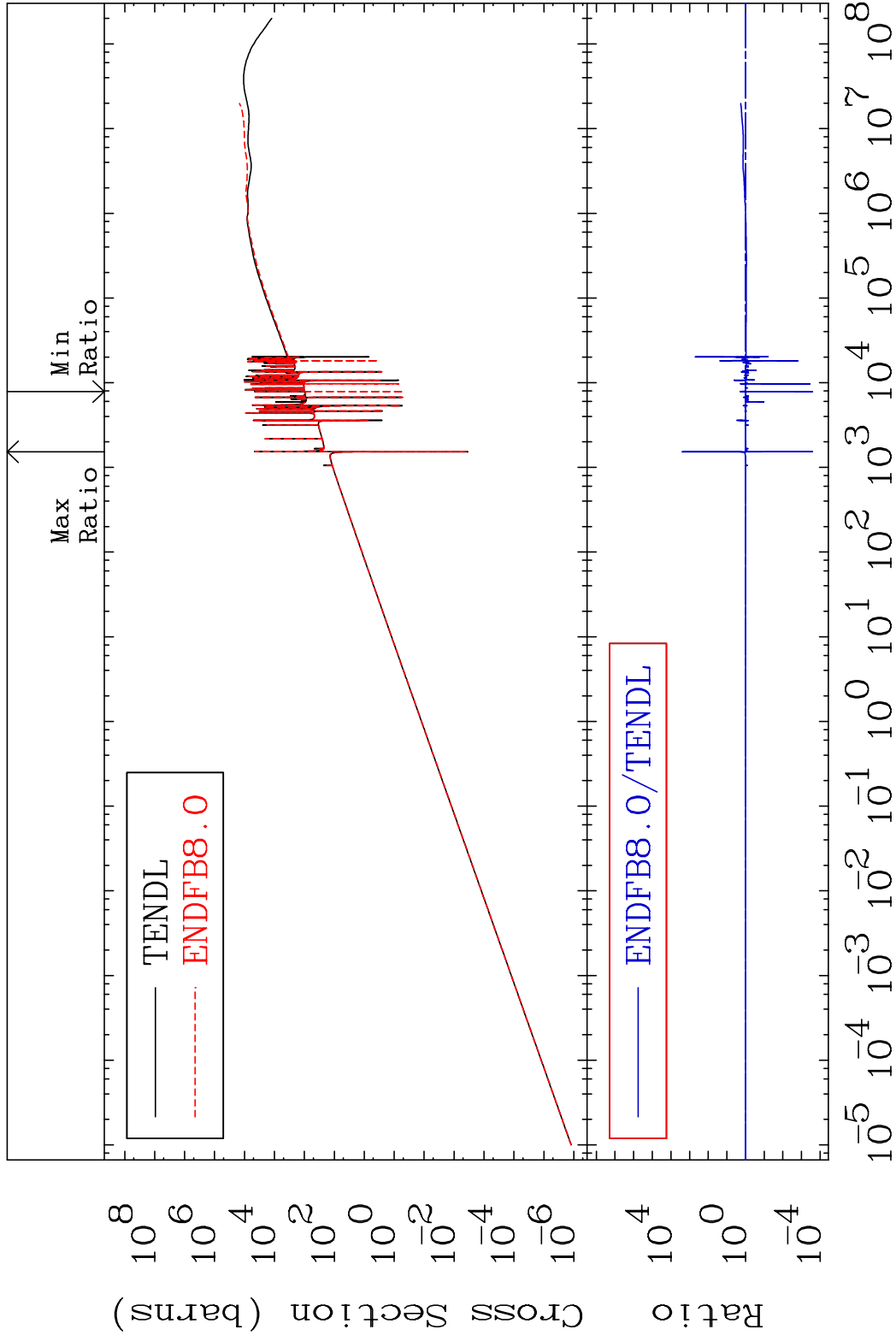


40 Incident Energy (eV) 42-Mo-94

MAT 4231

Kerma elastic
Cross Section

42-Mo-94
-99.97 To 9999. %

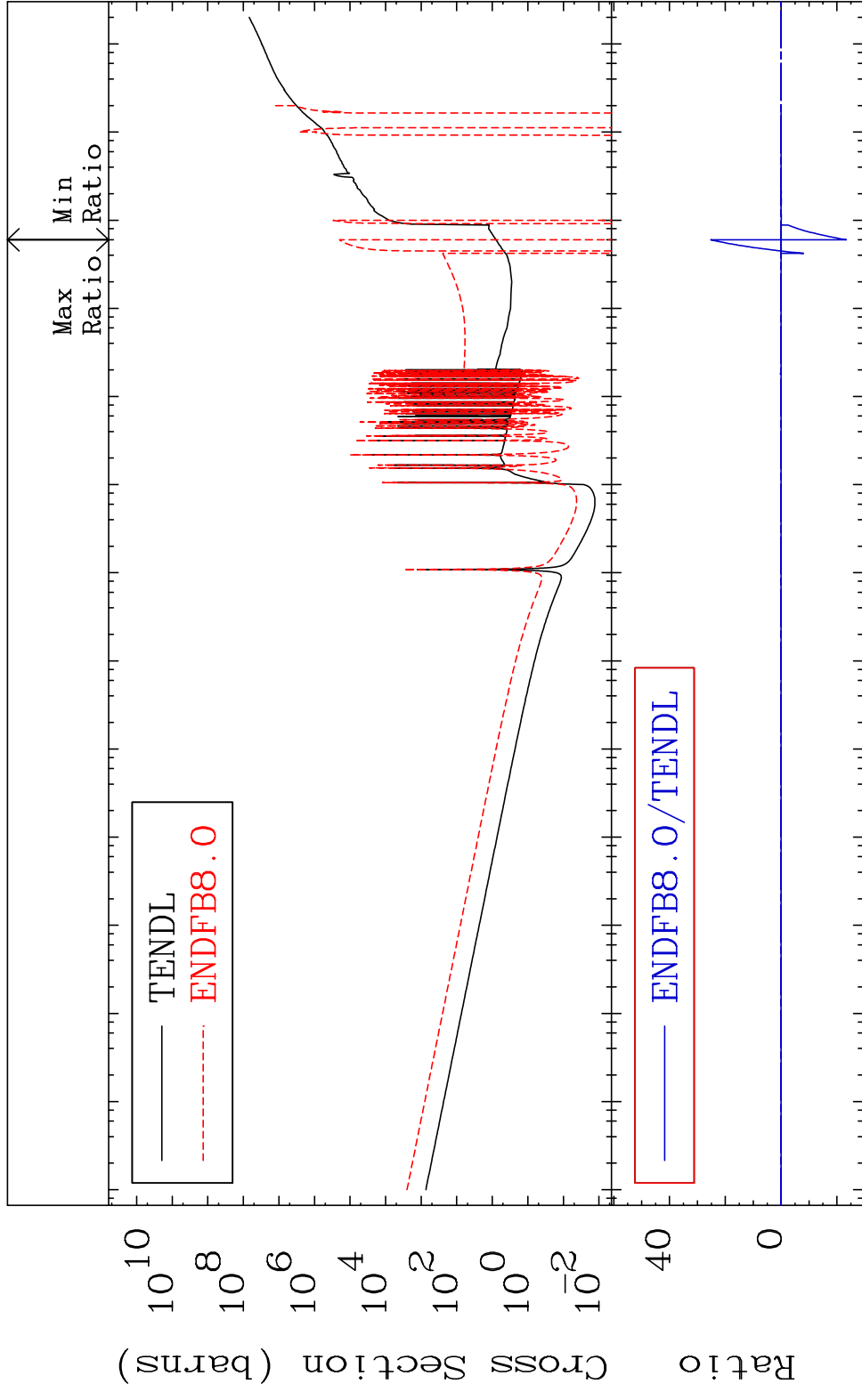


41

Incident Energy (eV)

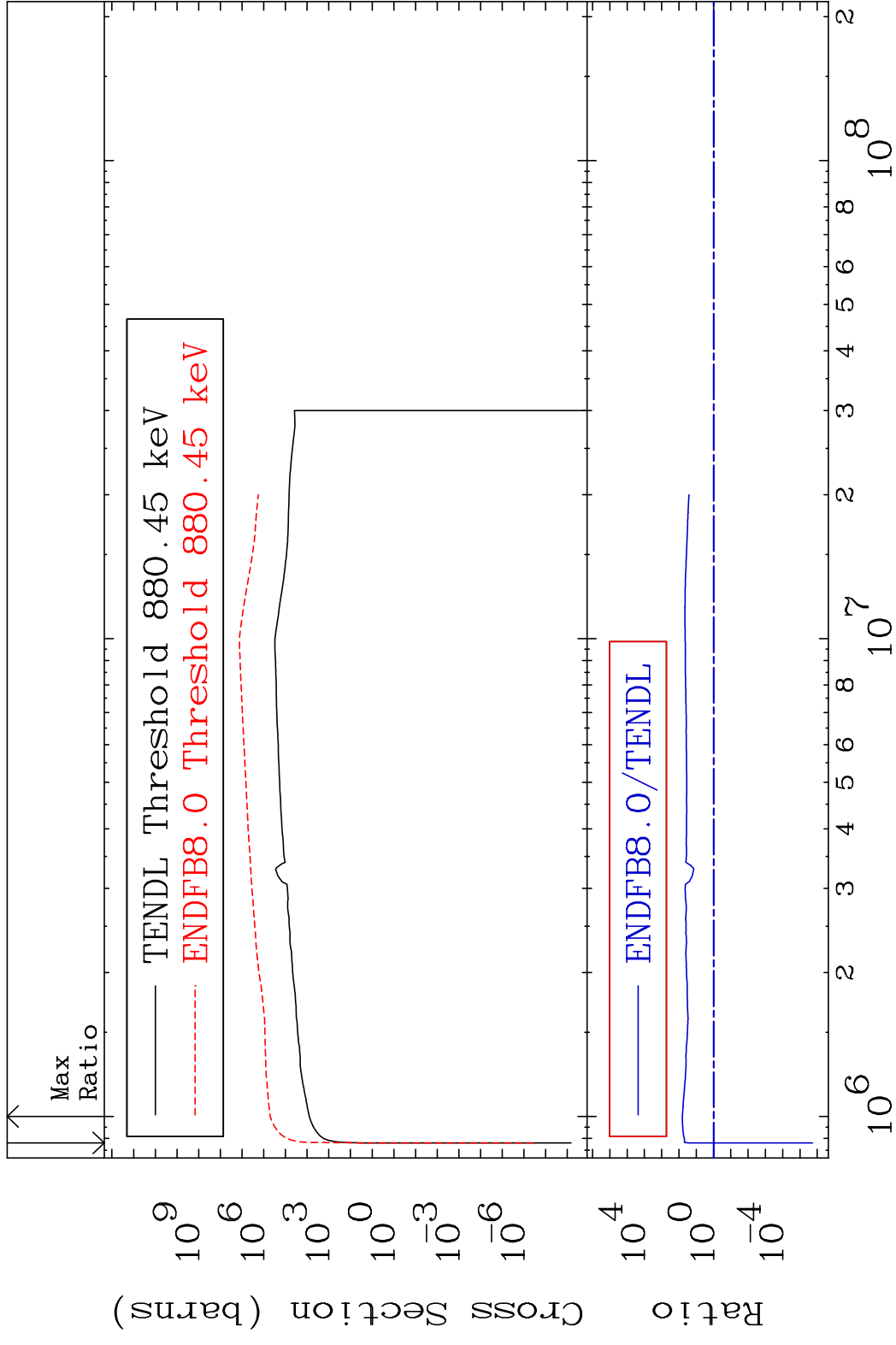
42-Mo-94

MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -9999. To 9999. %



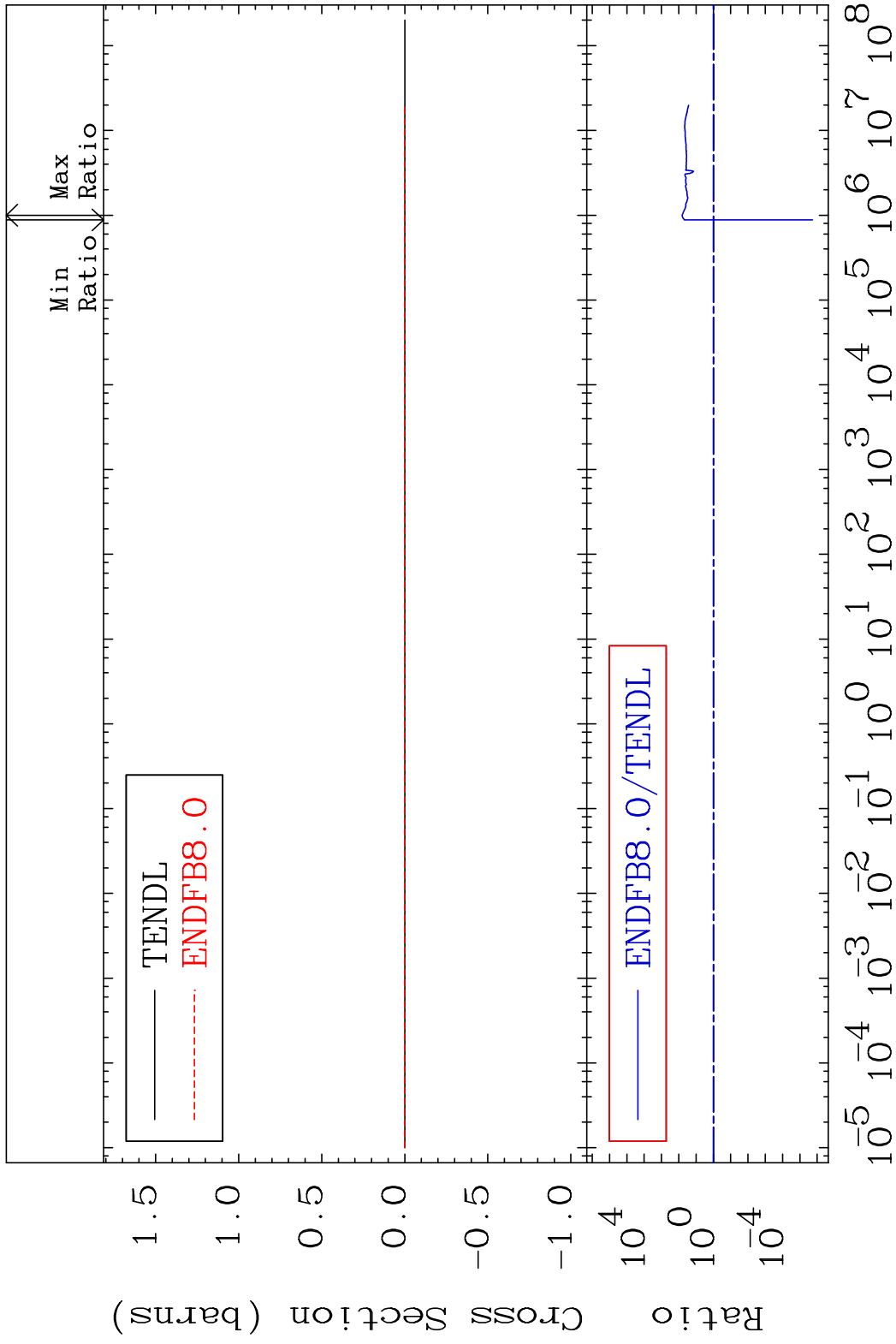
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
 Incident Energy (eV)

MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 6275. %

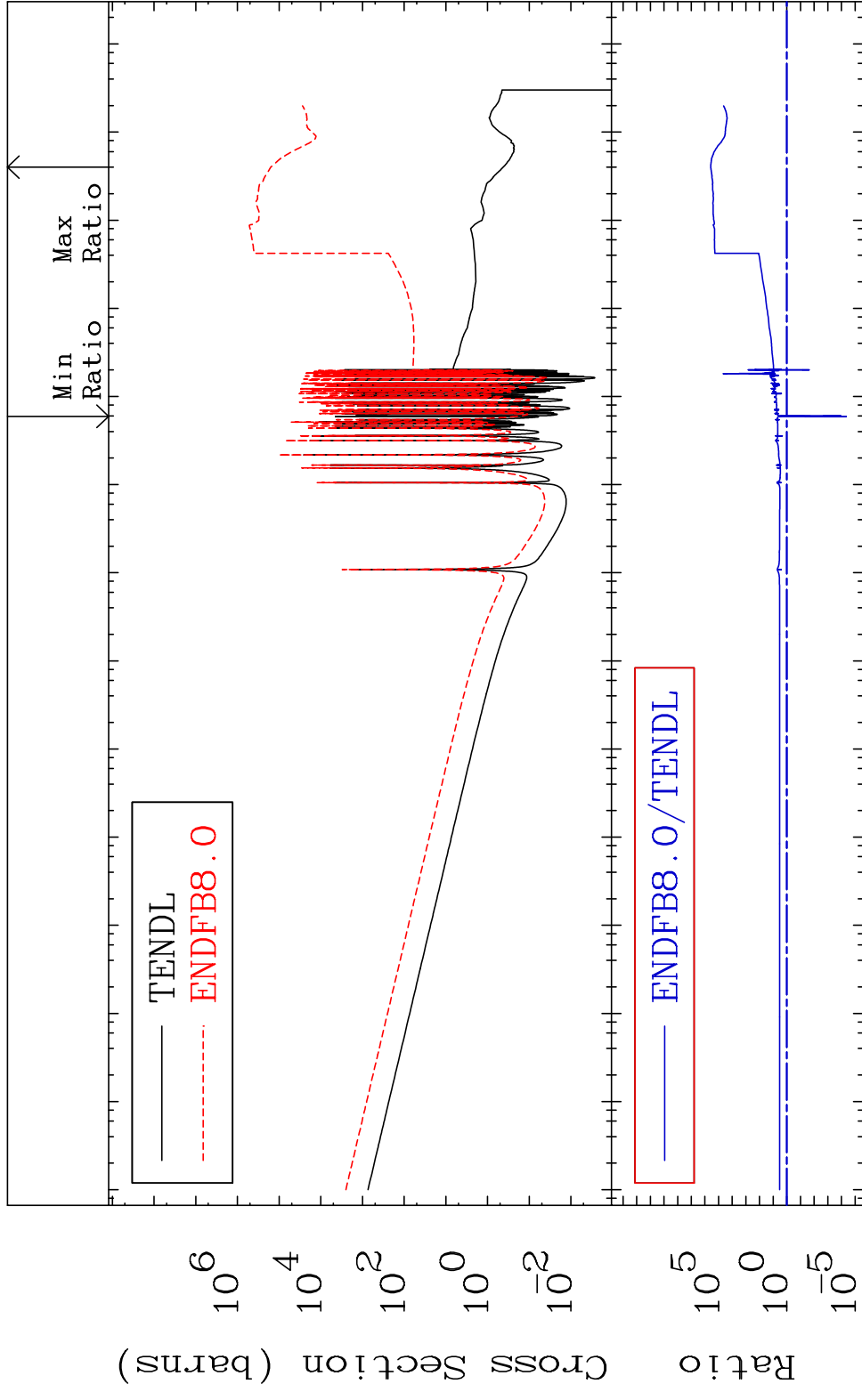


43 Incident Energy (eV) 42-Mo-94

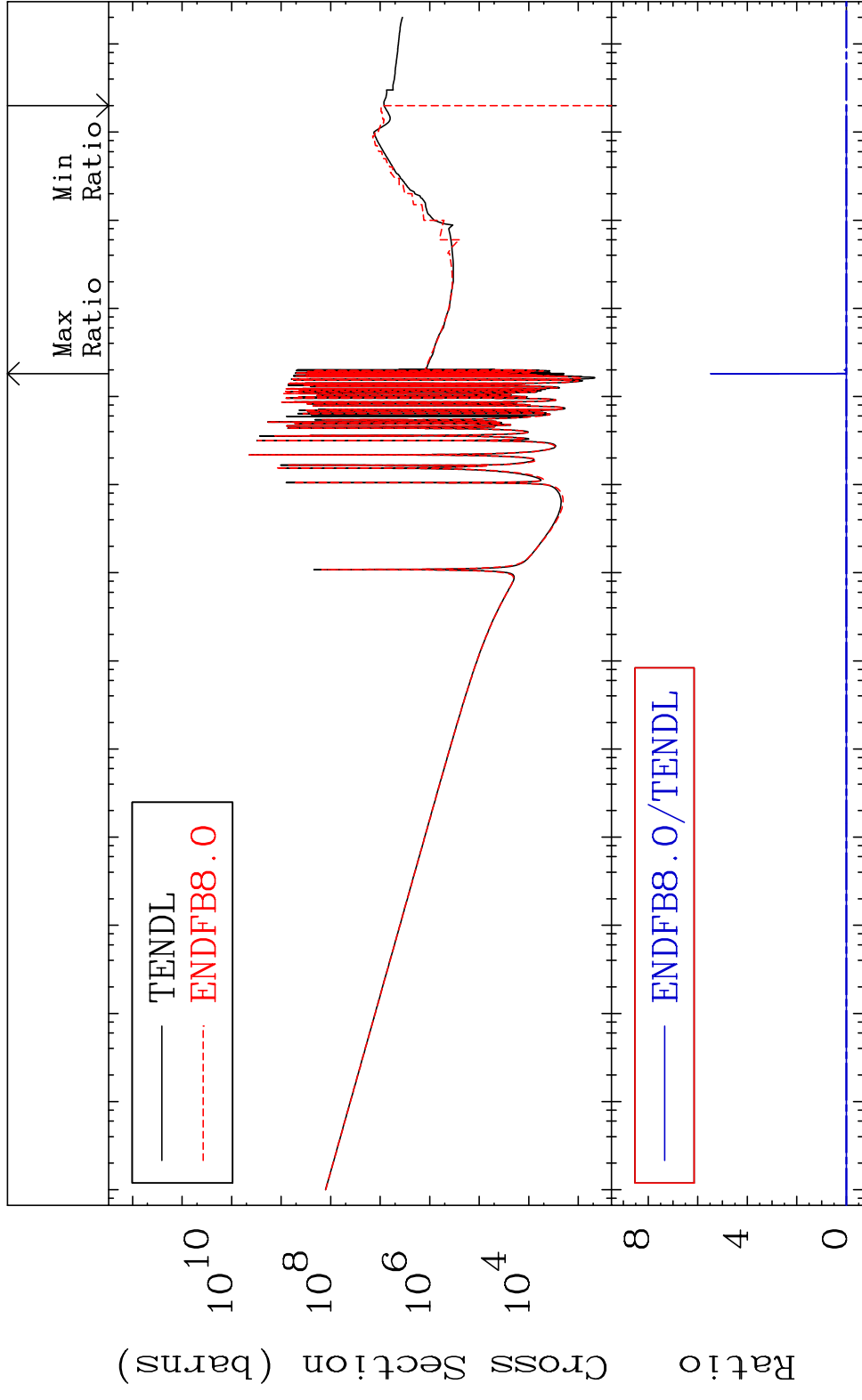
MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 6275. %



MAT 4231 Kerma capture (mt102) 42-Mo-94
 Cross Section -100.0 To 9999. %

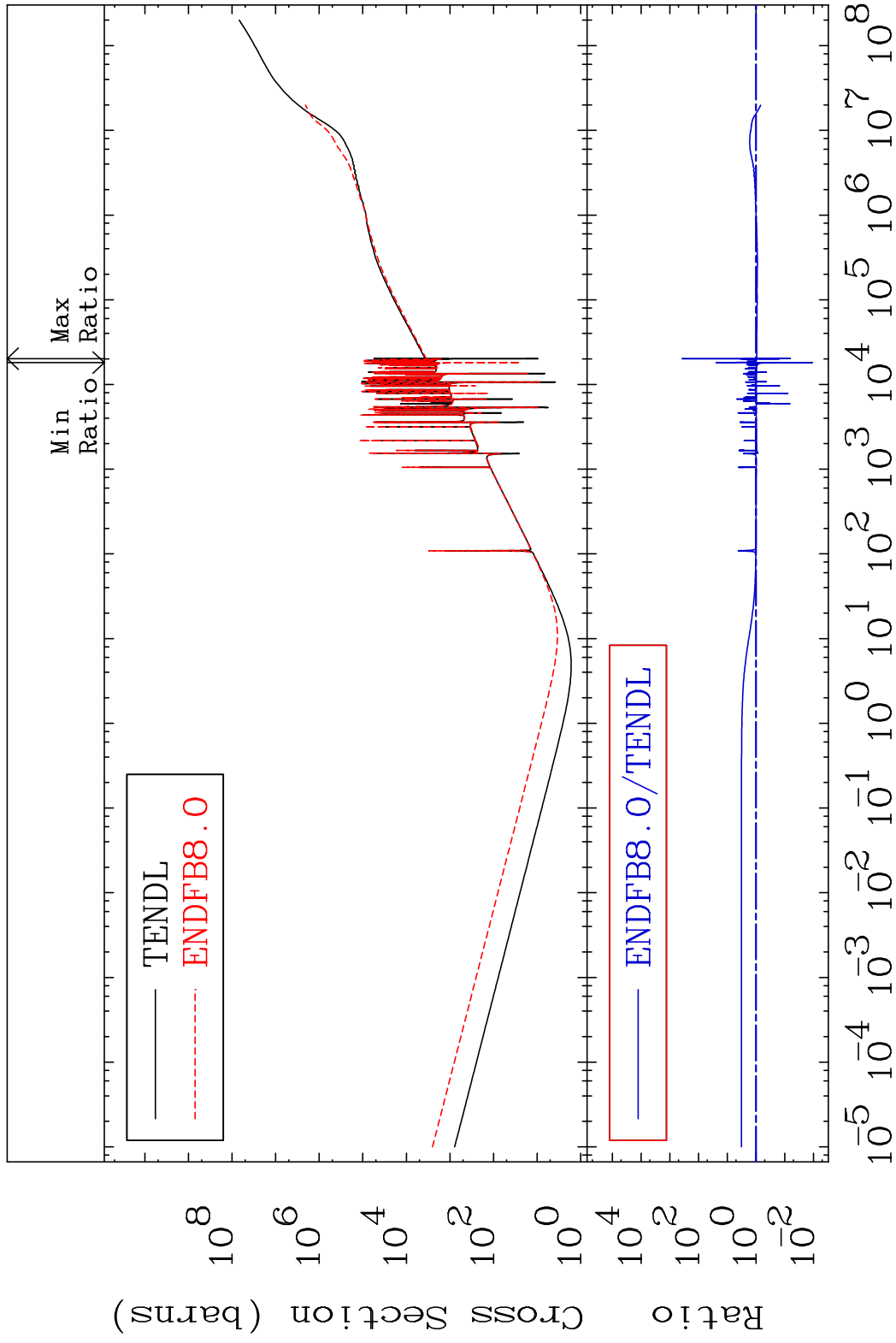


MAT 4231 Total photon (eV-barns) 42-Mo-94
 Cross Section -100.0 To 9999. %

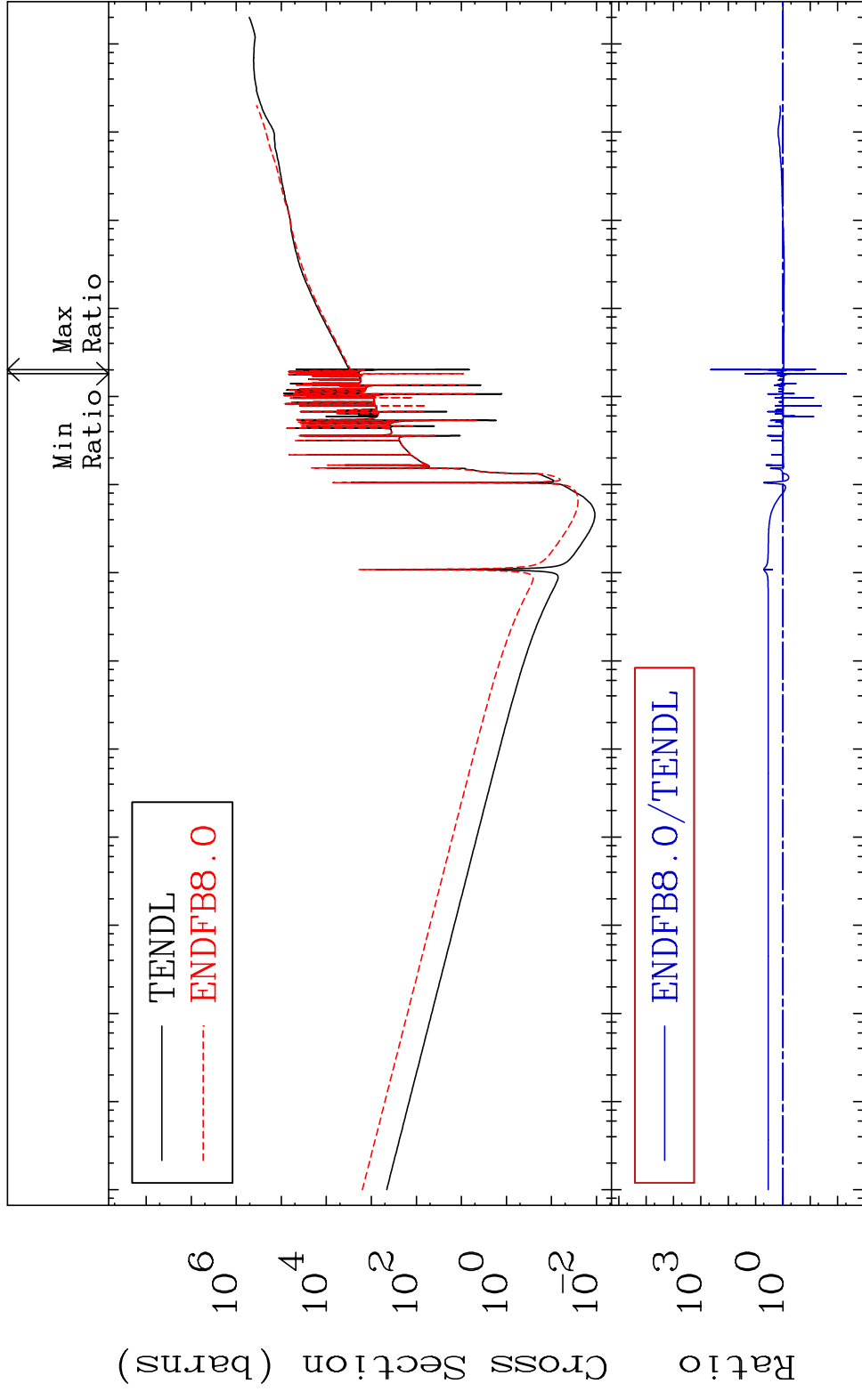


46 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -98.92 To 9999. %



MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -99.52 To 9999. %

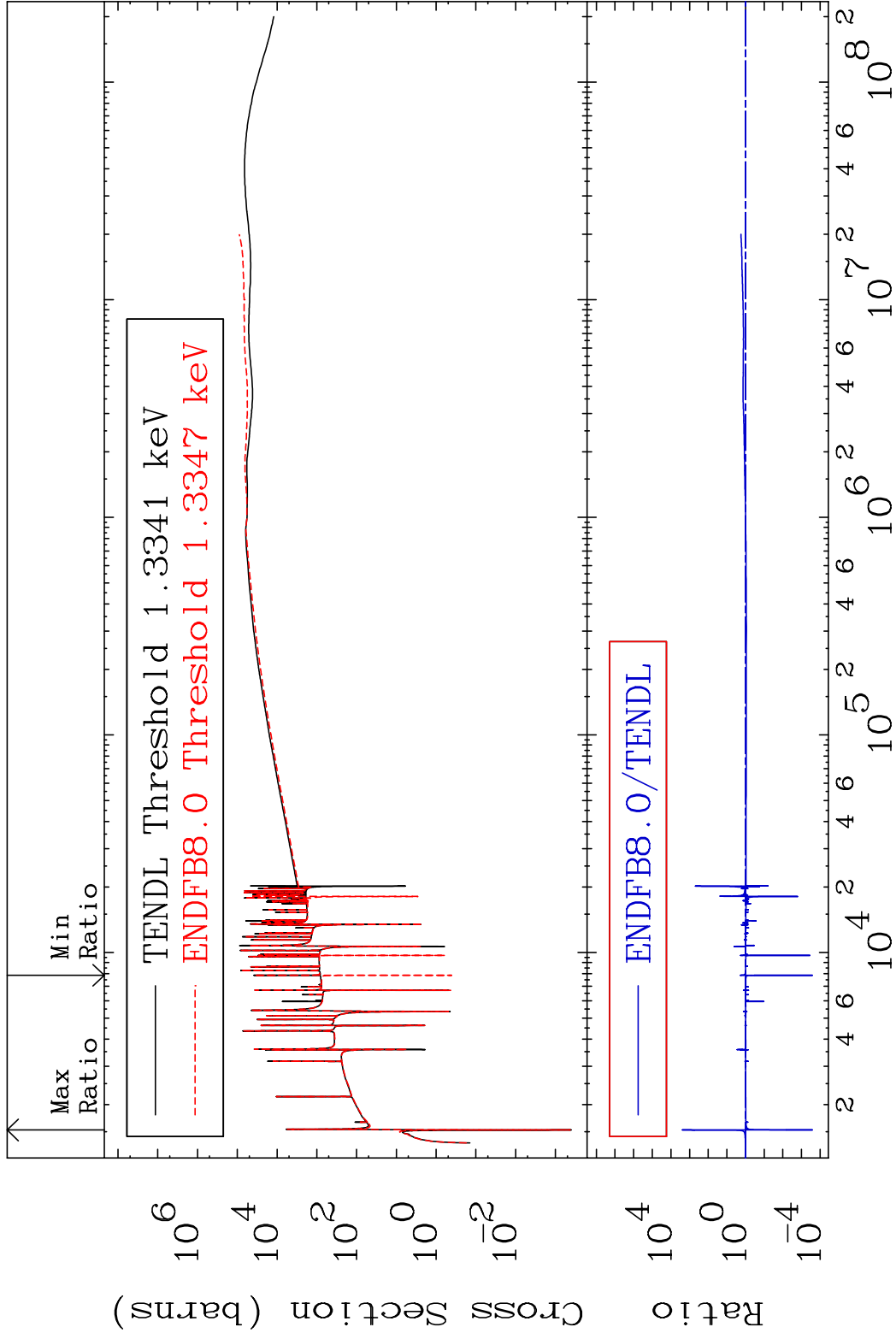


MAT 4231

Dpa elastic (mt2)

42-Mo-94

Cross Section -99.97 To 9999. %

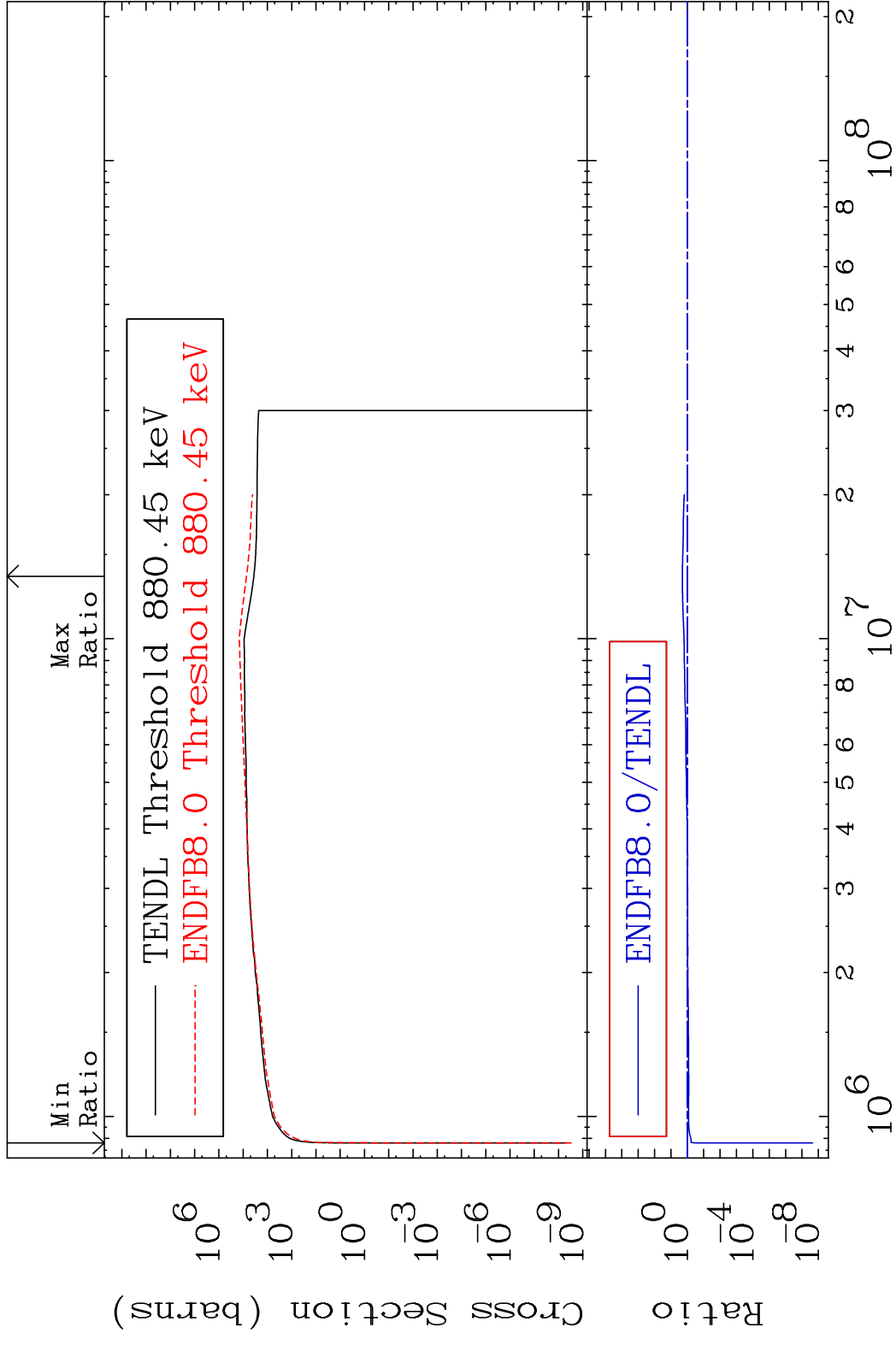


49

Incident Energy (eV)

42-Mo-94

MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 101.4 %



MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -100.0 To 9999. %

