

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

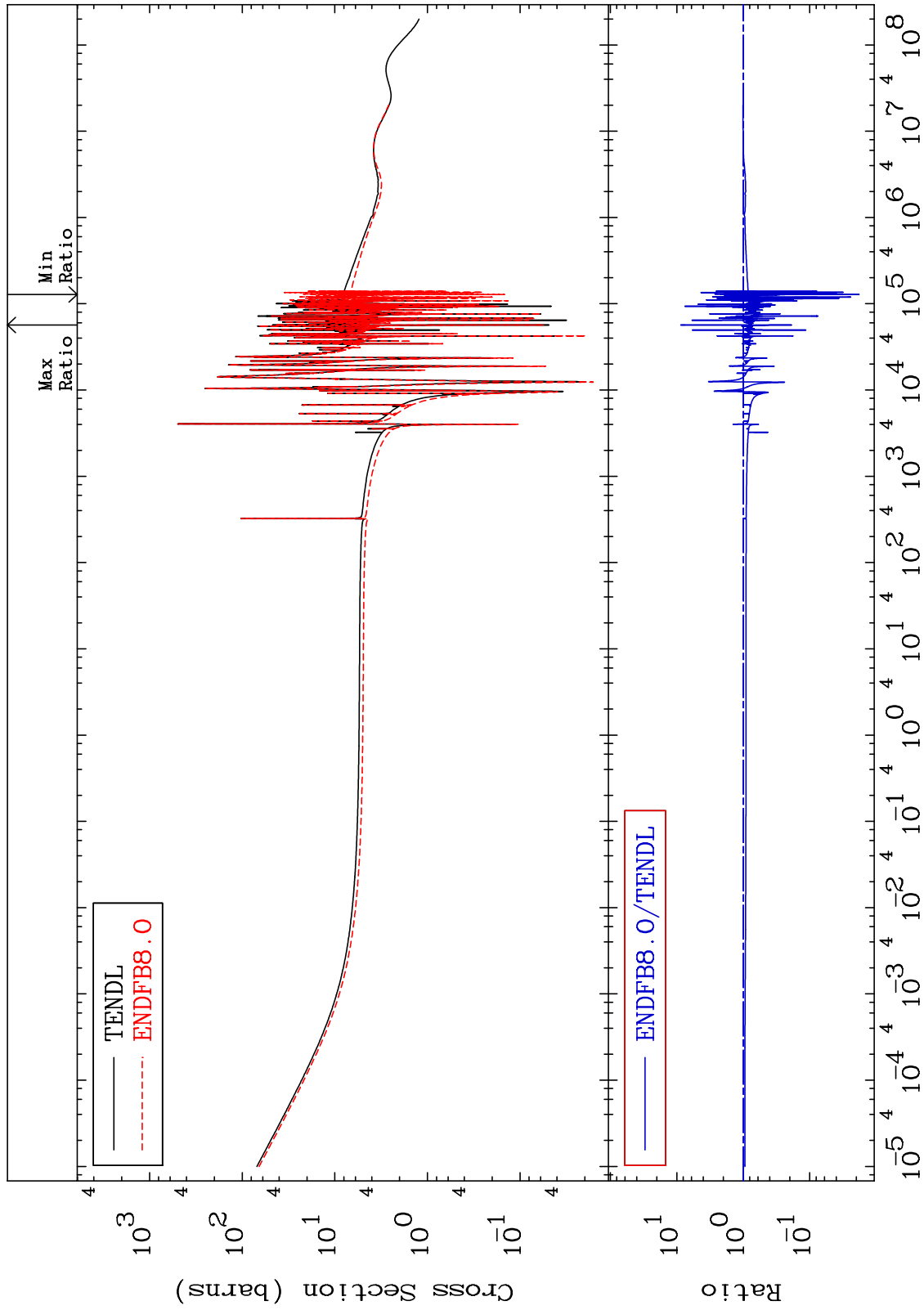
MAT 3031

Total

30-Zn-66

Cross Section

-98.18 To 775.0 %



1

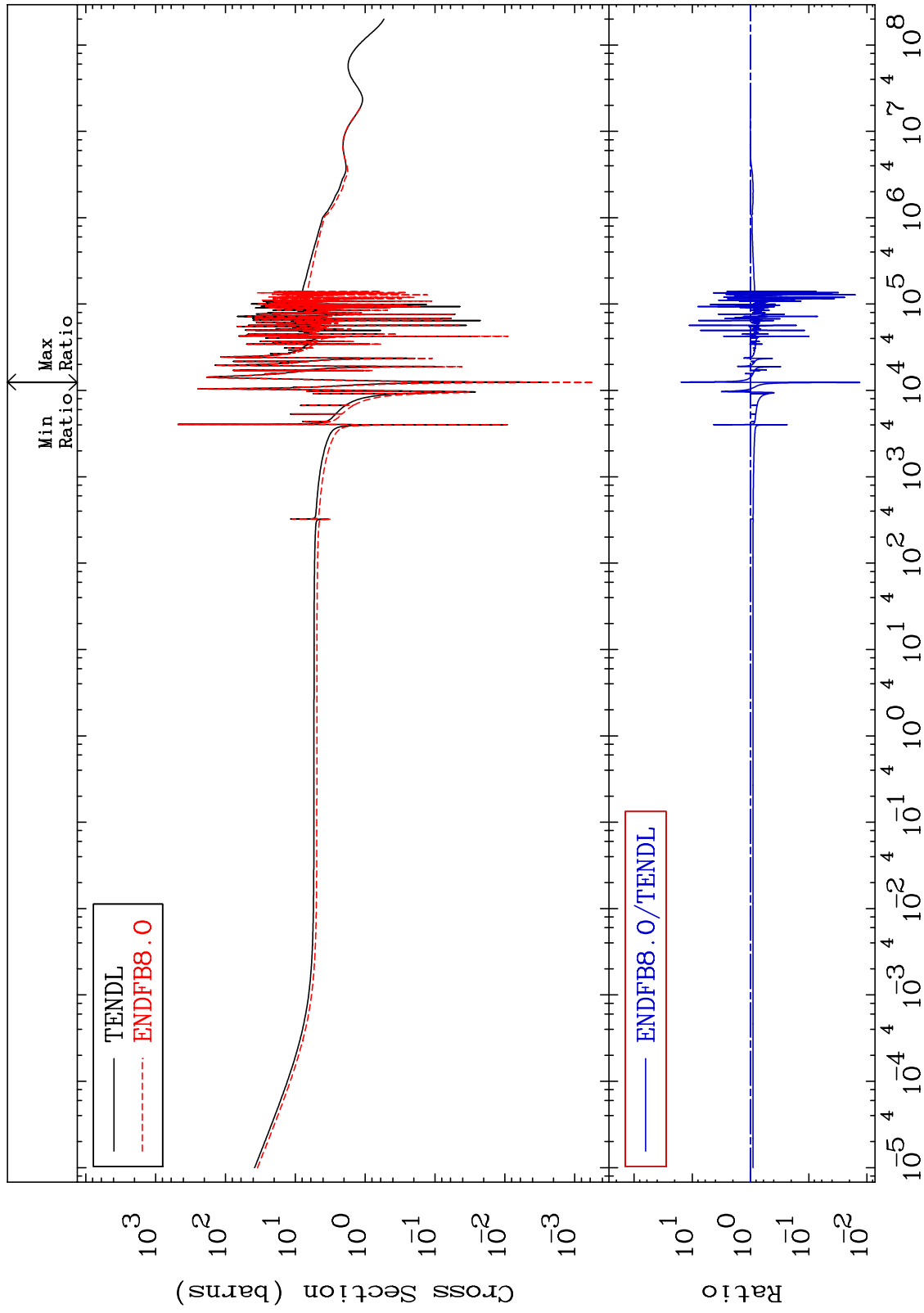
Incident Energy (eV)

30-Zn-66

MAT 3031

Elastic
Cross Section

30-Zn-66
-98.67 To 1444. %



2

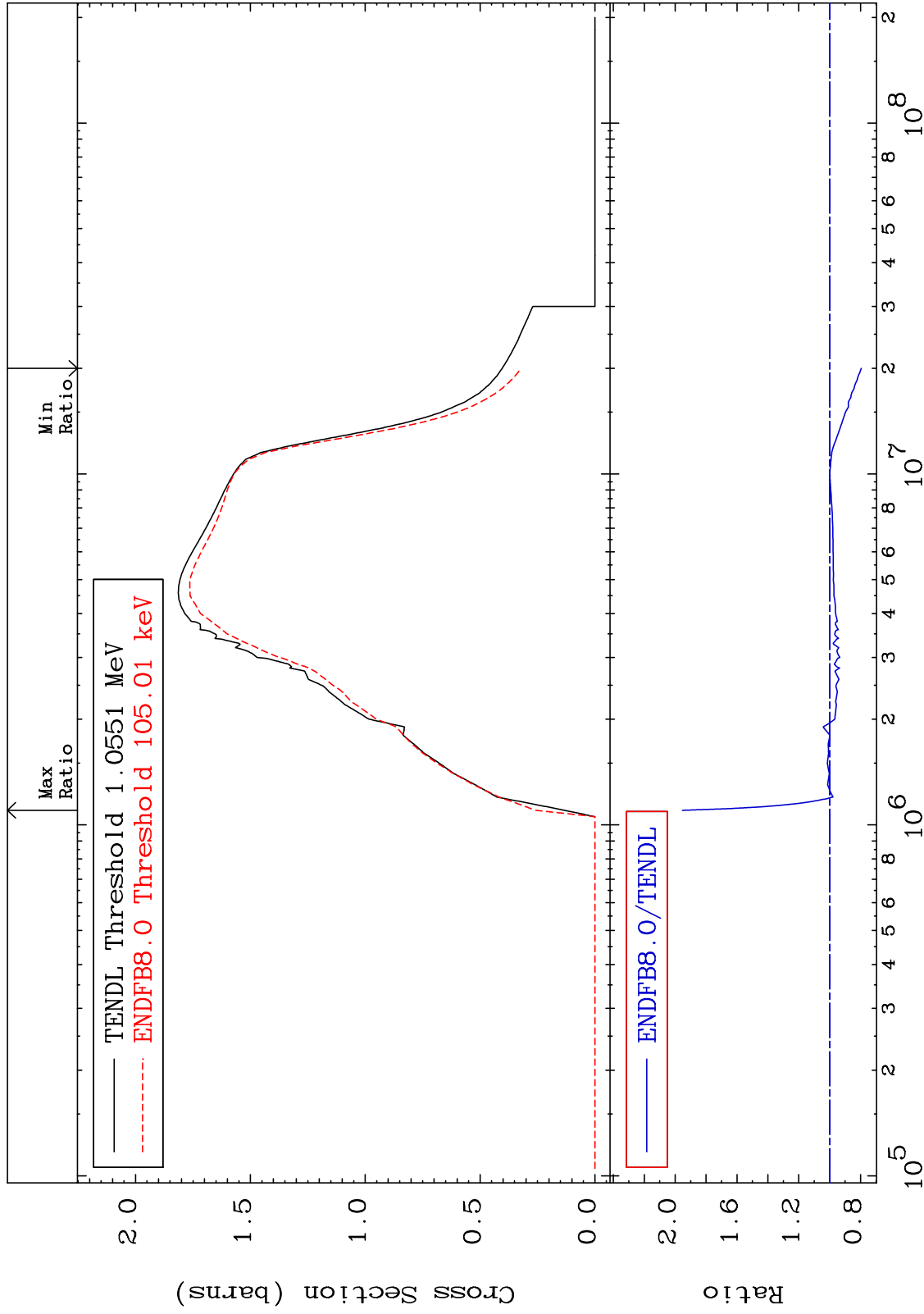
Incident Energy (eV)

30-Zn-66

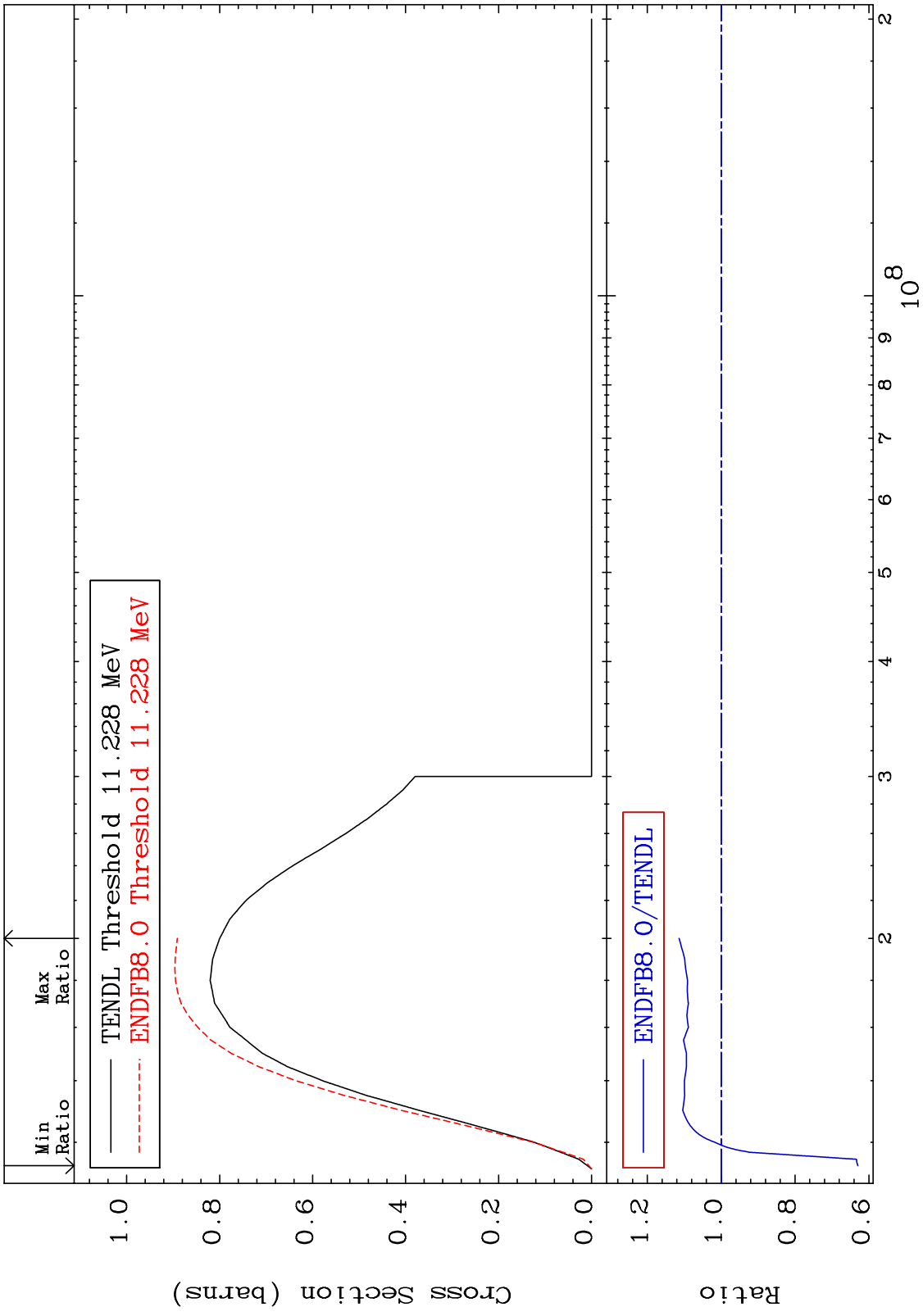
MAT 3031

Inelastic
Cross Section

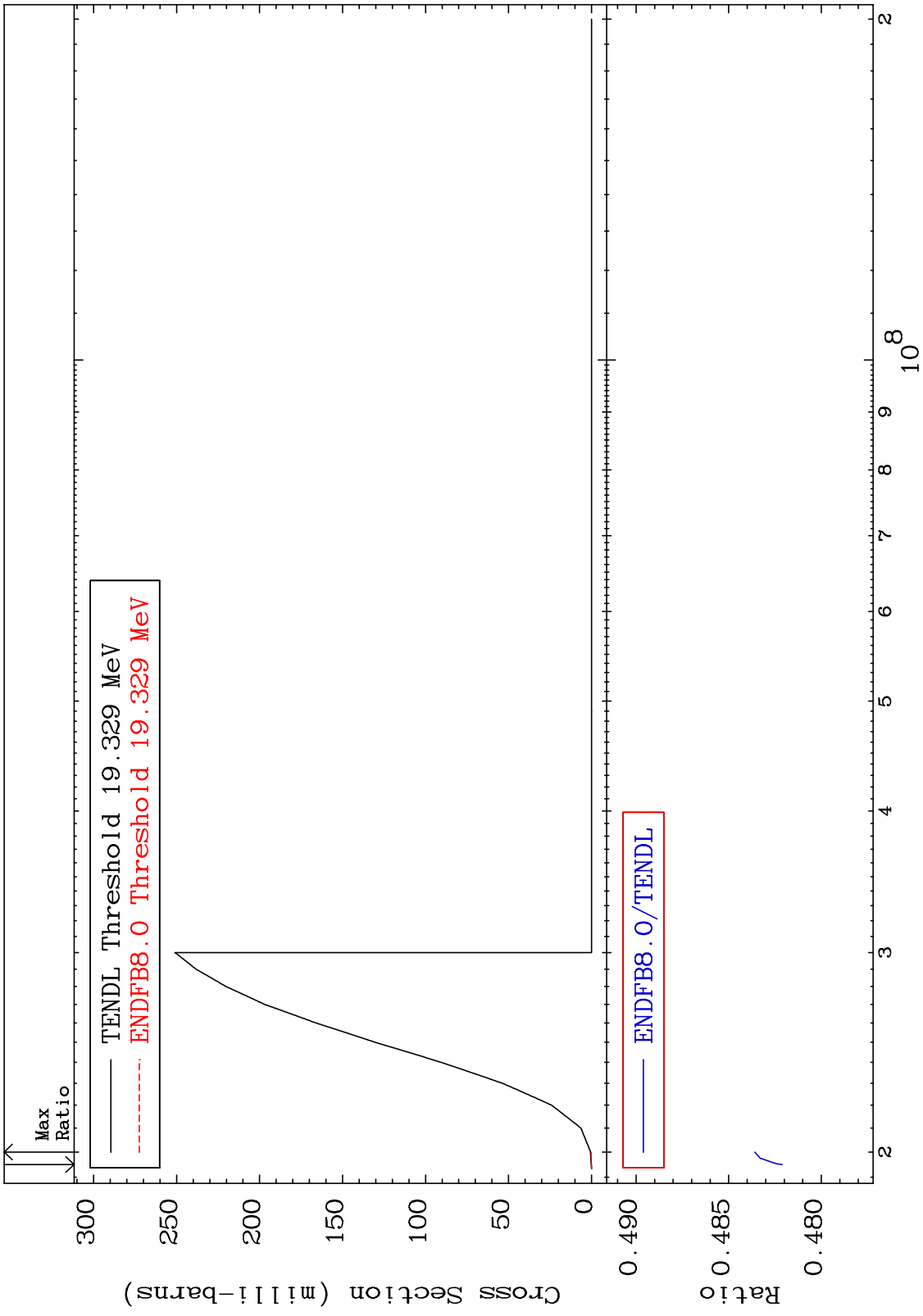
30-Zn-66
-20.46 To 95.29 %



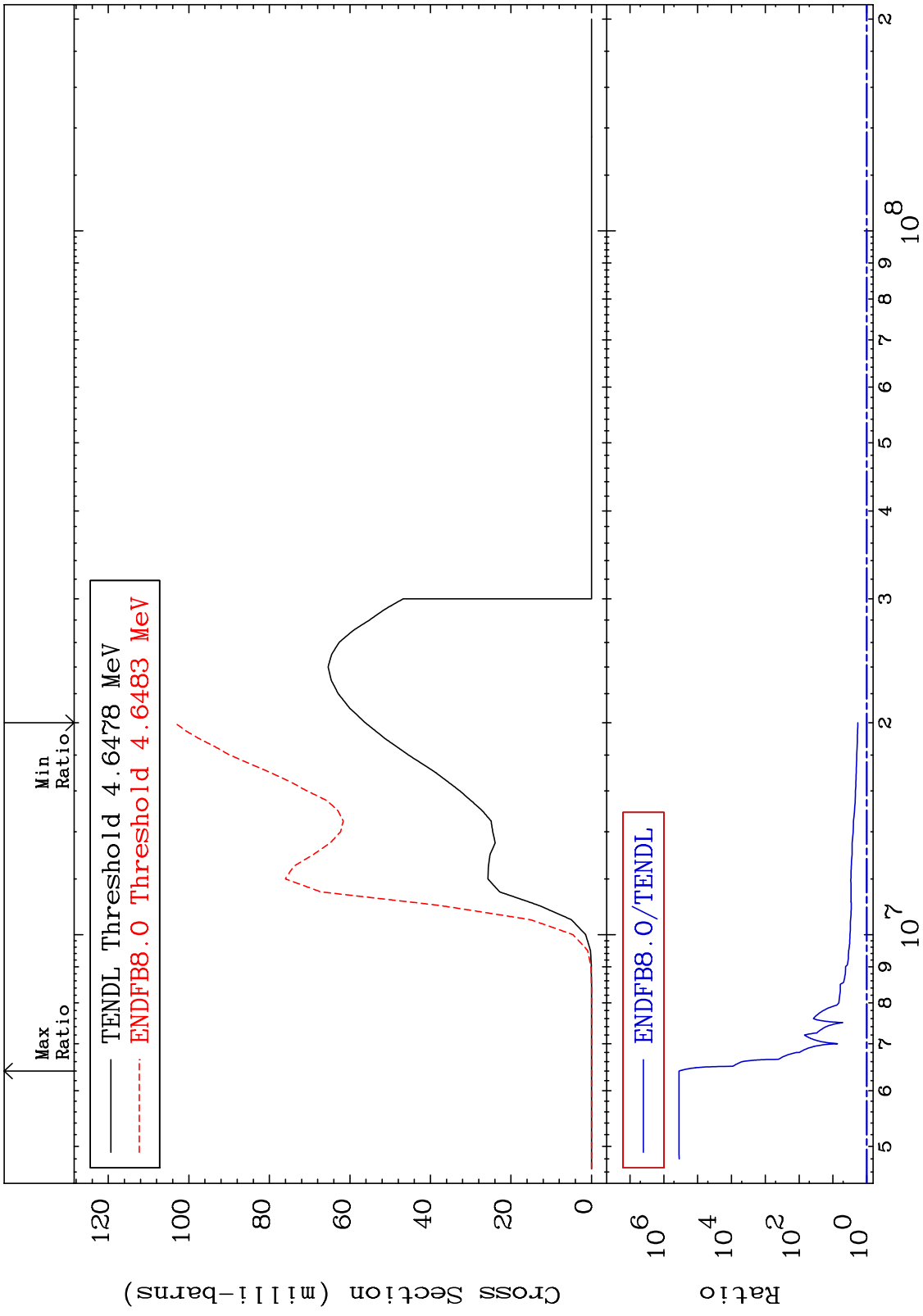
MAT 3031 (n,2n) Cross Section 30-Zn-66 -37.02 To 11.41 %



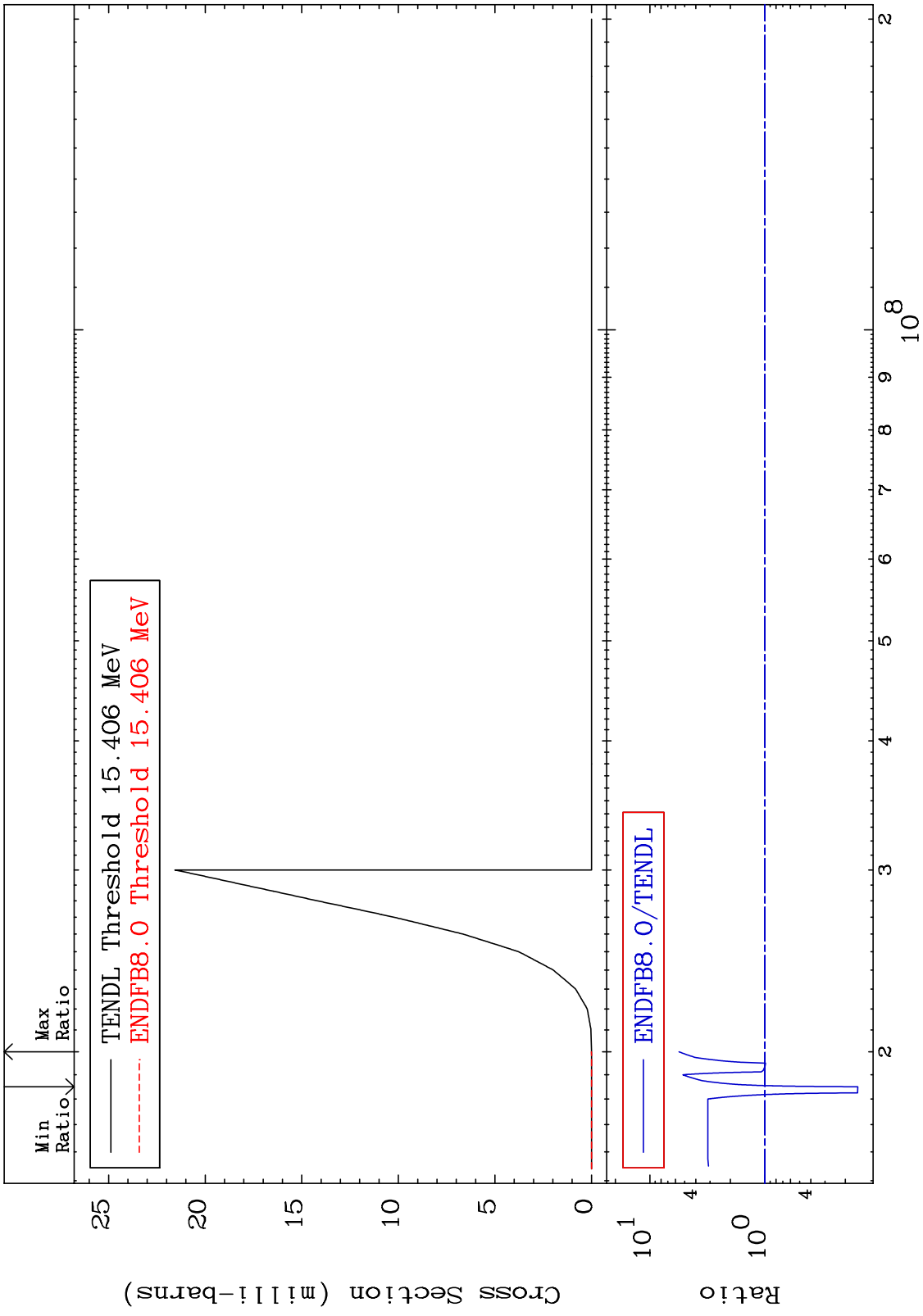
MAT 3031 (n,3n) Cross Section 30-Zn-66 -51.79 To -51.64%



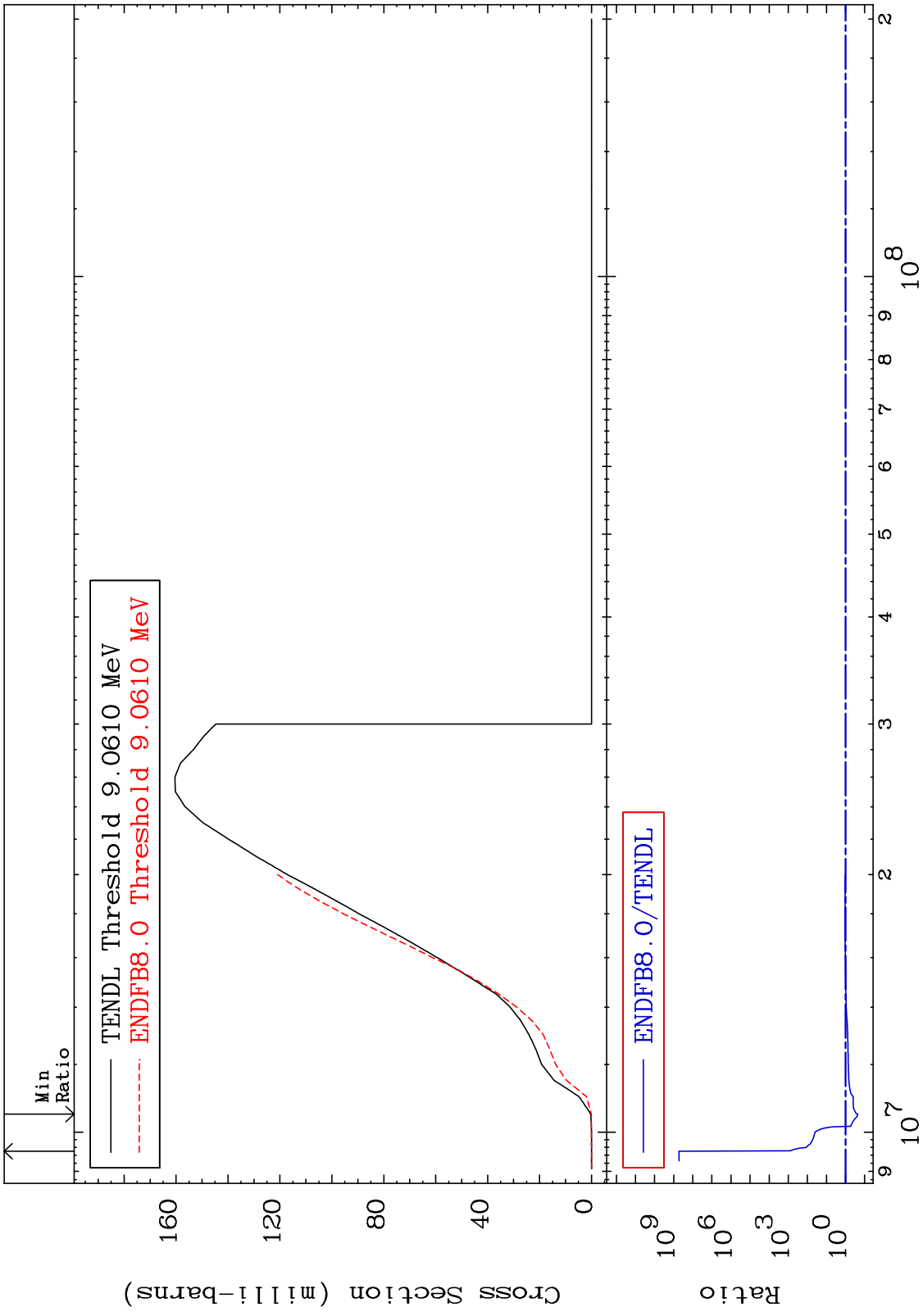
MAT 3031 $(n, n') \alpha$ Cross Section 30-Zn-66 To 9999. %
84.15



MAT 3031 (n,2n) α 30-Zn-66
 Cross Section -84.43 To 458.4 %

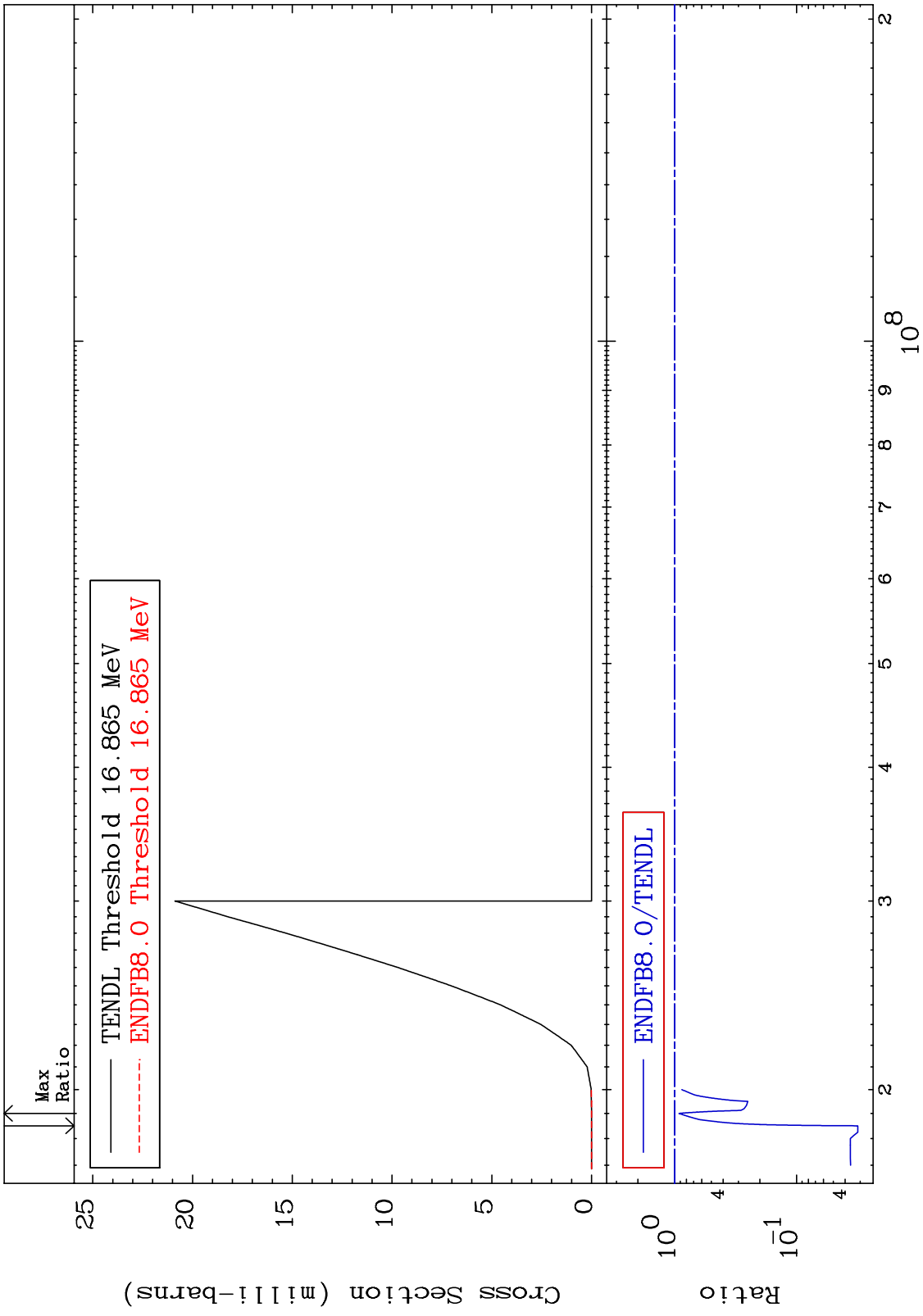


MAT 3031 (n,n') p 30-Zn-66
Cross Section -77.20 To 9999. %



30-Zn-66 Incident Energy (eV)

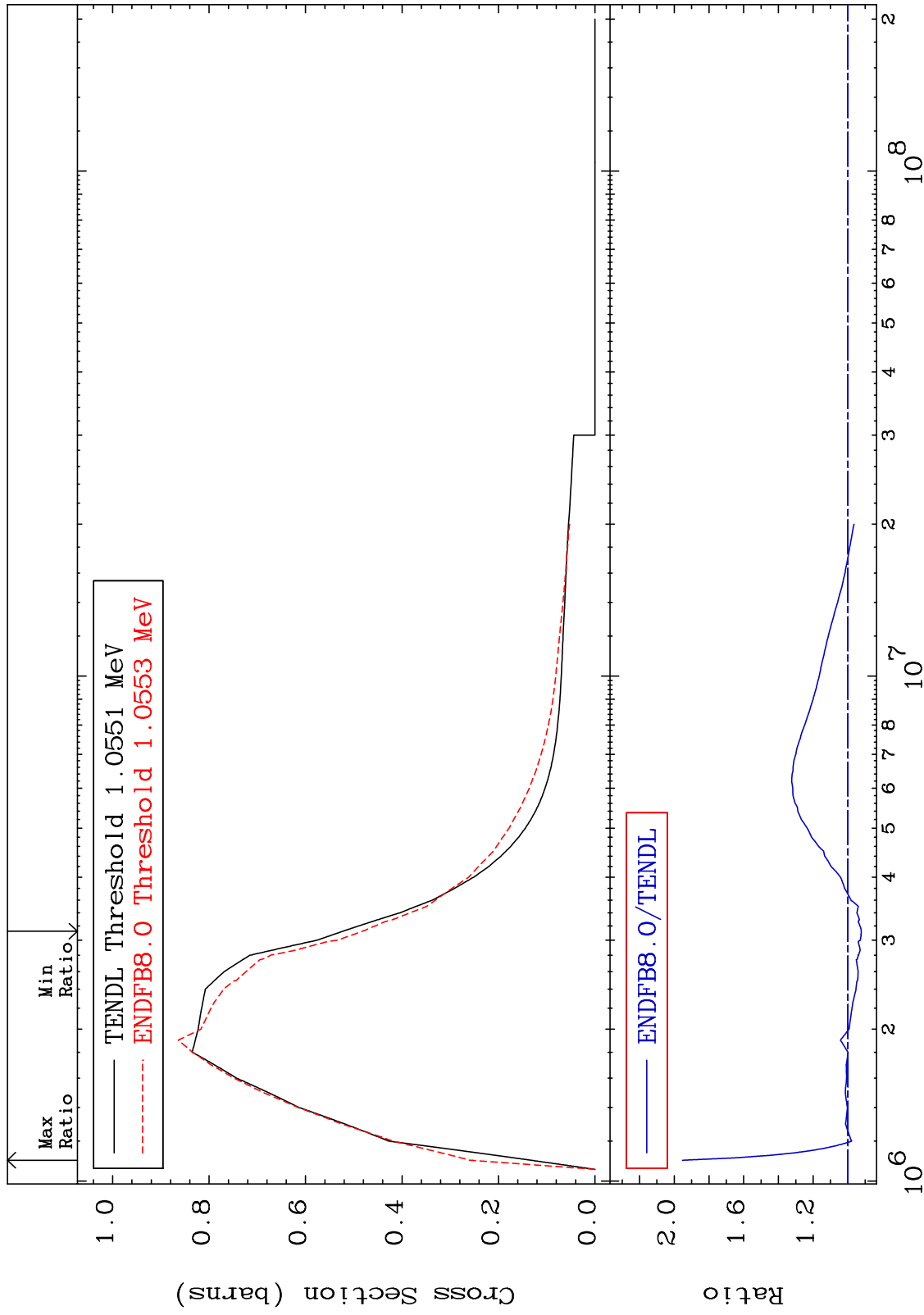
MAT 3031 (n,n') d 30-Zn-66
 Cross Section -96.86 To -7.941%



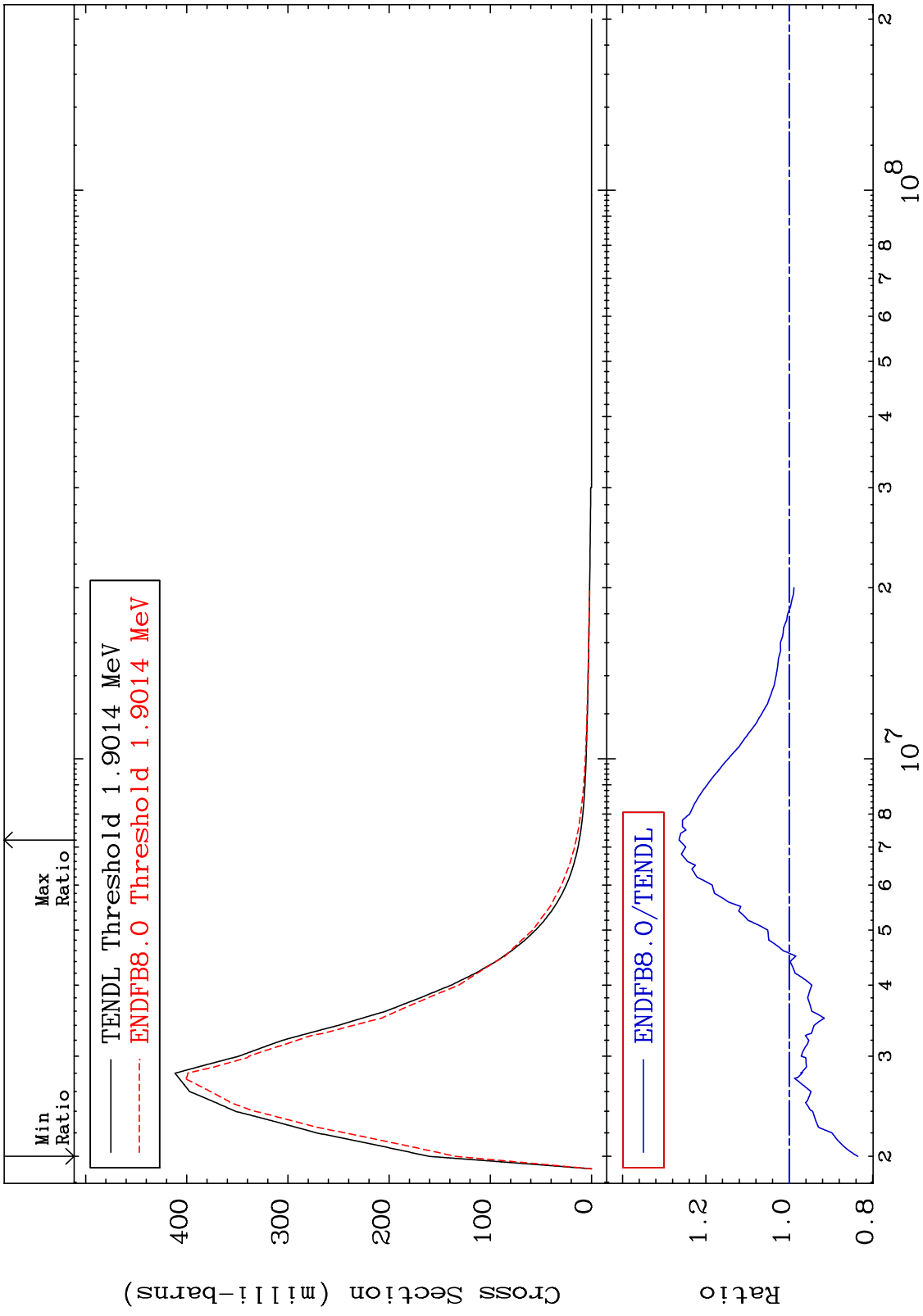
MAT 3031

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

30-Zn-66
-7.746 To 95.27 %



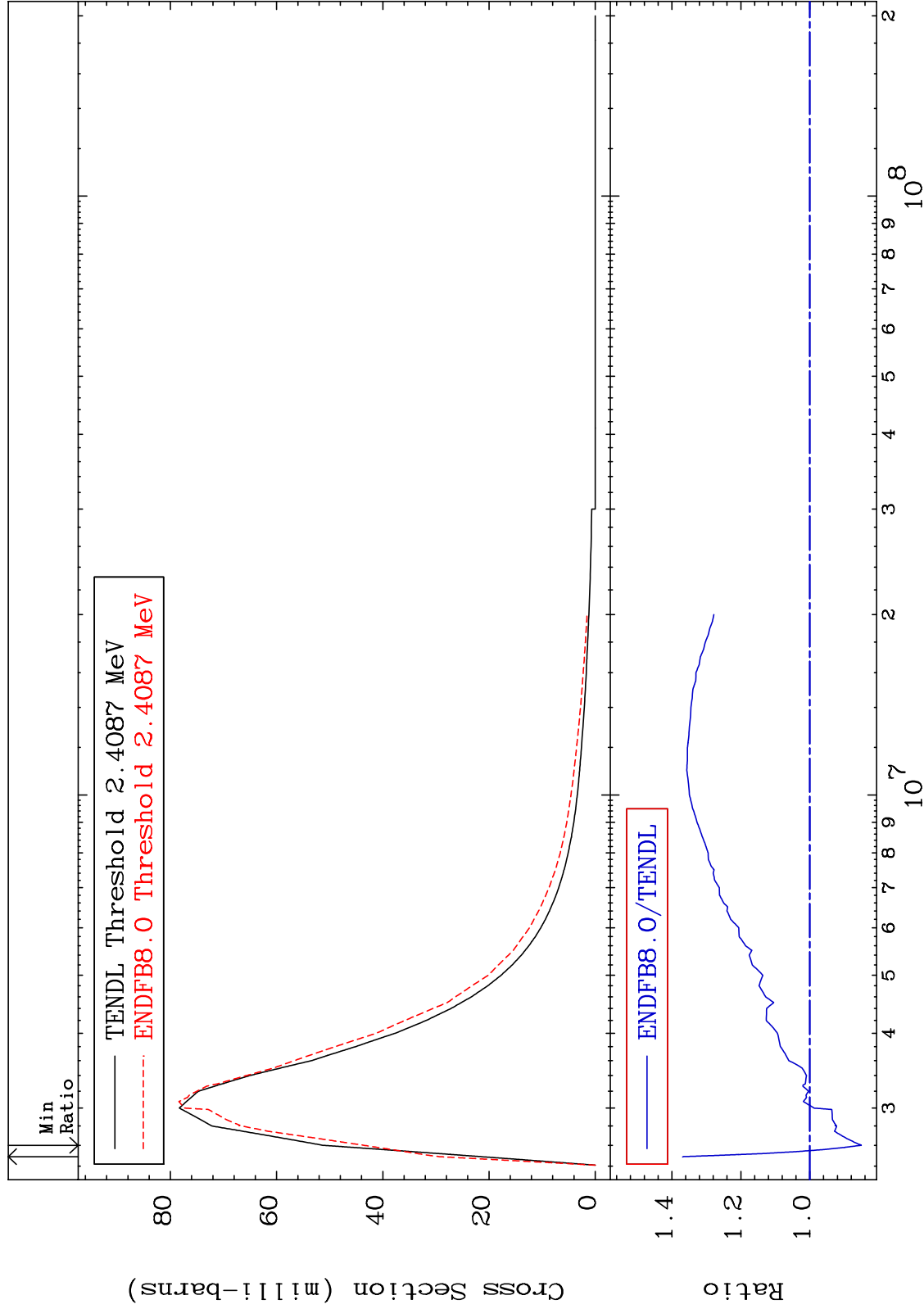
MAT 3031 MT= 52 (n,n') Level Cross Section -16.45 To 26.44 % 30-Zn-66



MAT 3031

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

30-Zn-66
-14.95 To 36.87 %

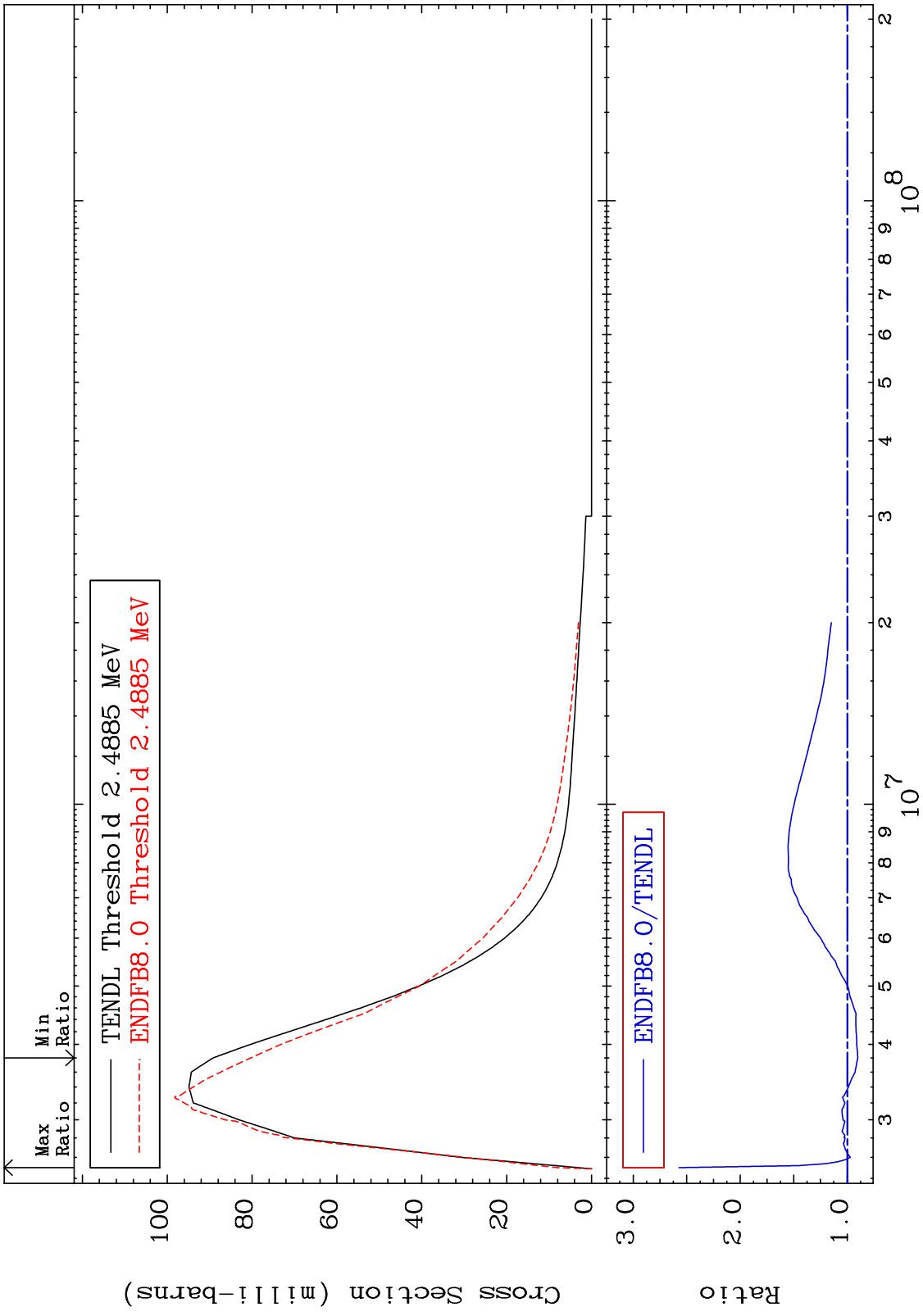


12

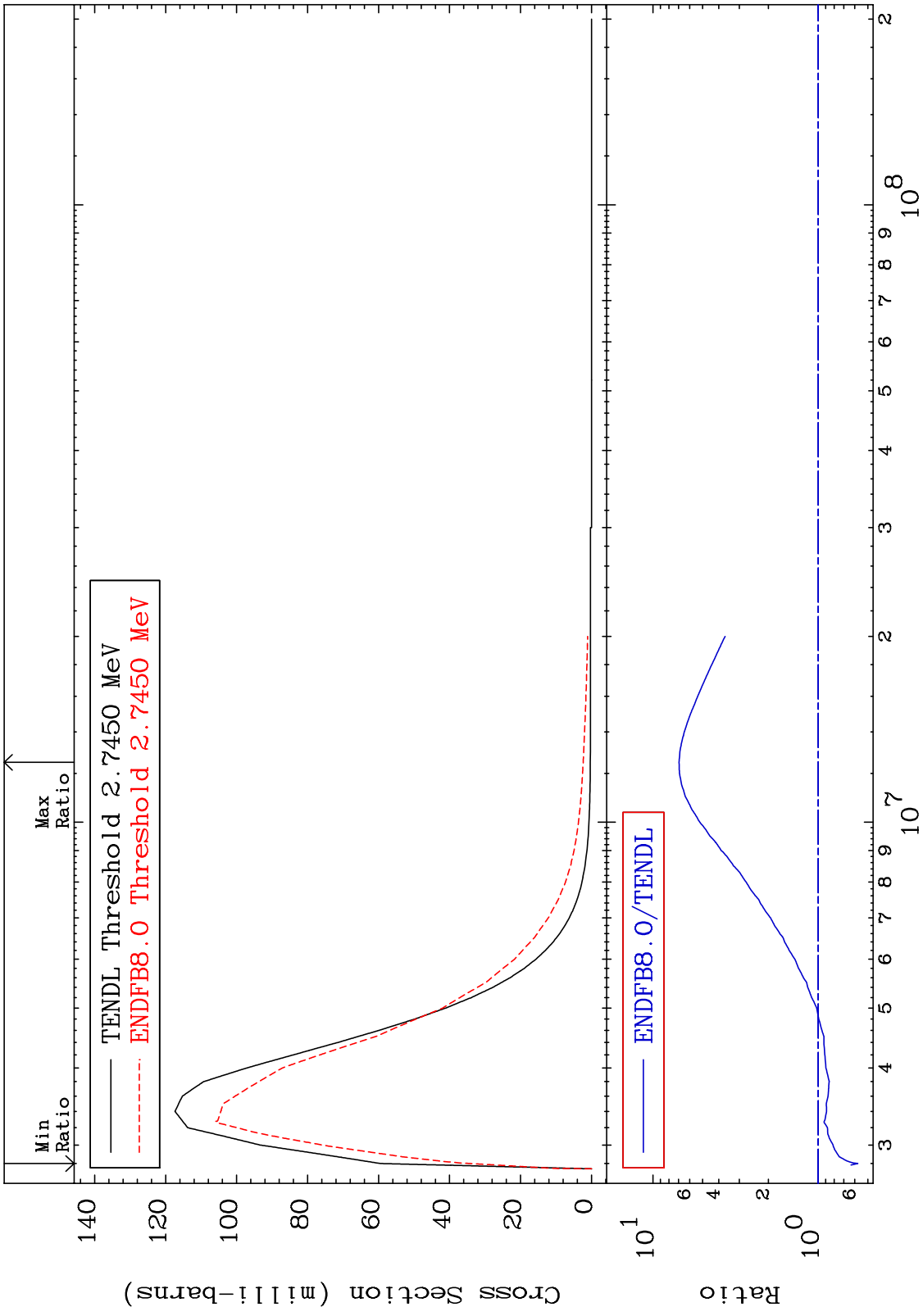
Incident Energy (eV)

30-Zn-66

MAT 3031 MT= 54 (n,n') Level Cross Section 30-Zn-66
 -9.918 To 157.2 %



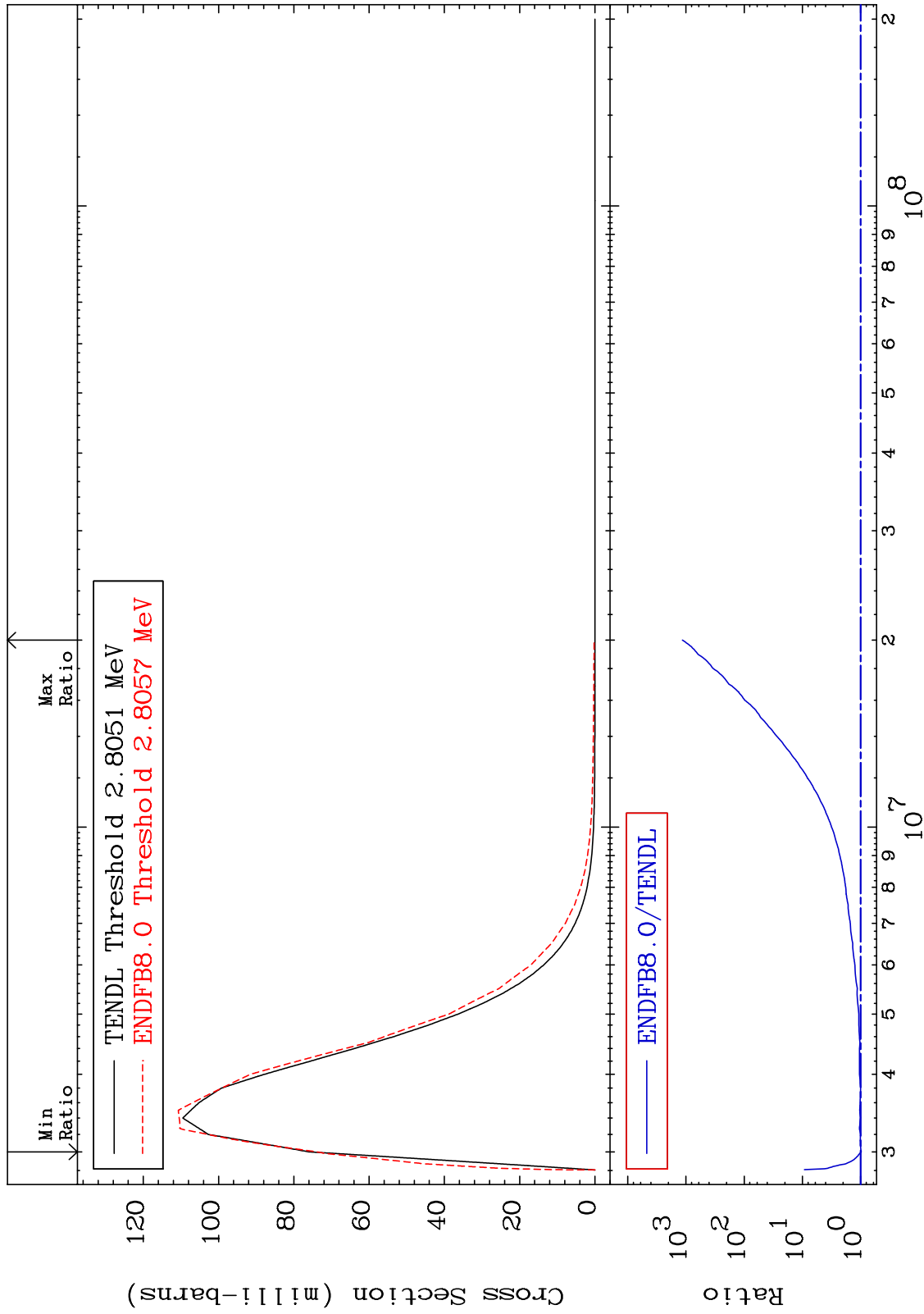
MAT 3031 MT= 55 (n,n') Level Cross Section 30-Zn-66
 -42.48 To 595.0 %



MAT 3031

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

30-Zn-66
-2.792 To 9999. %



15

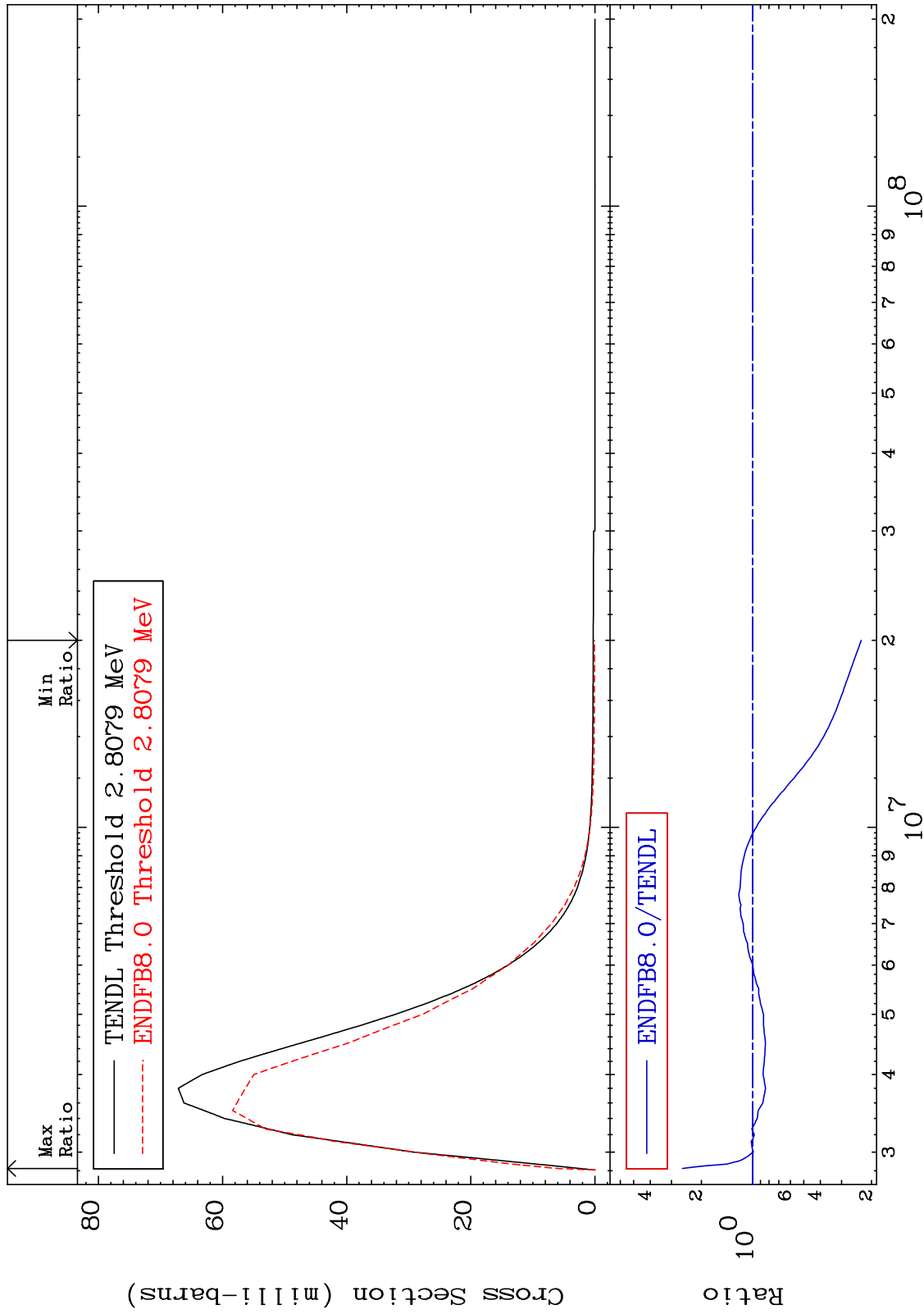
Incident Energy (eV)

30-Zn-66

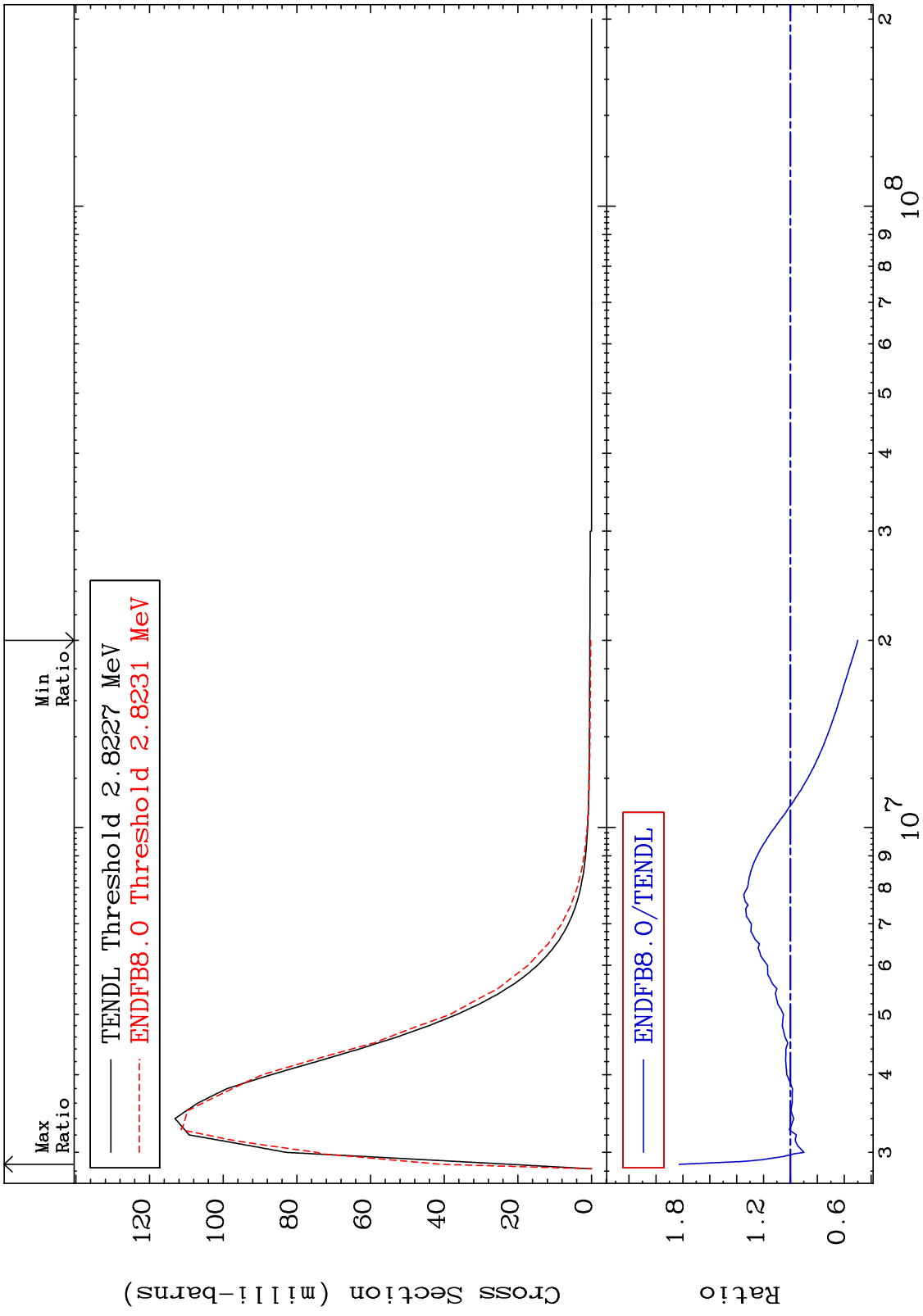
MAT 3031

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

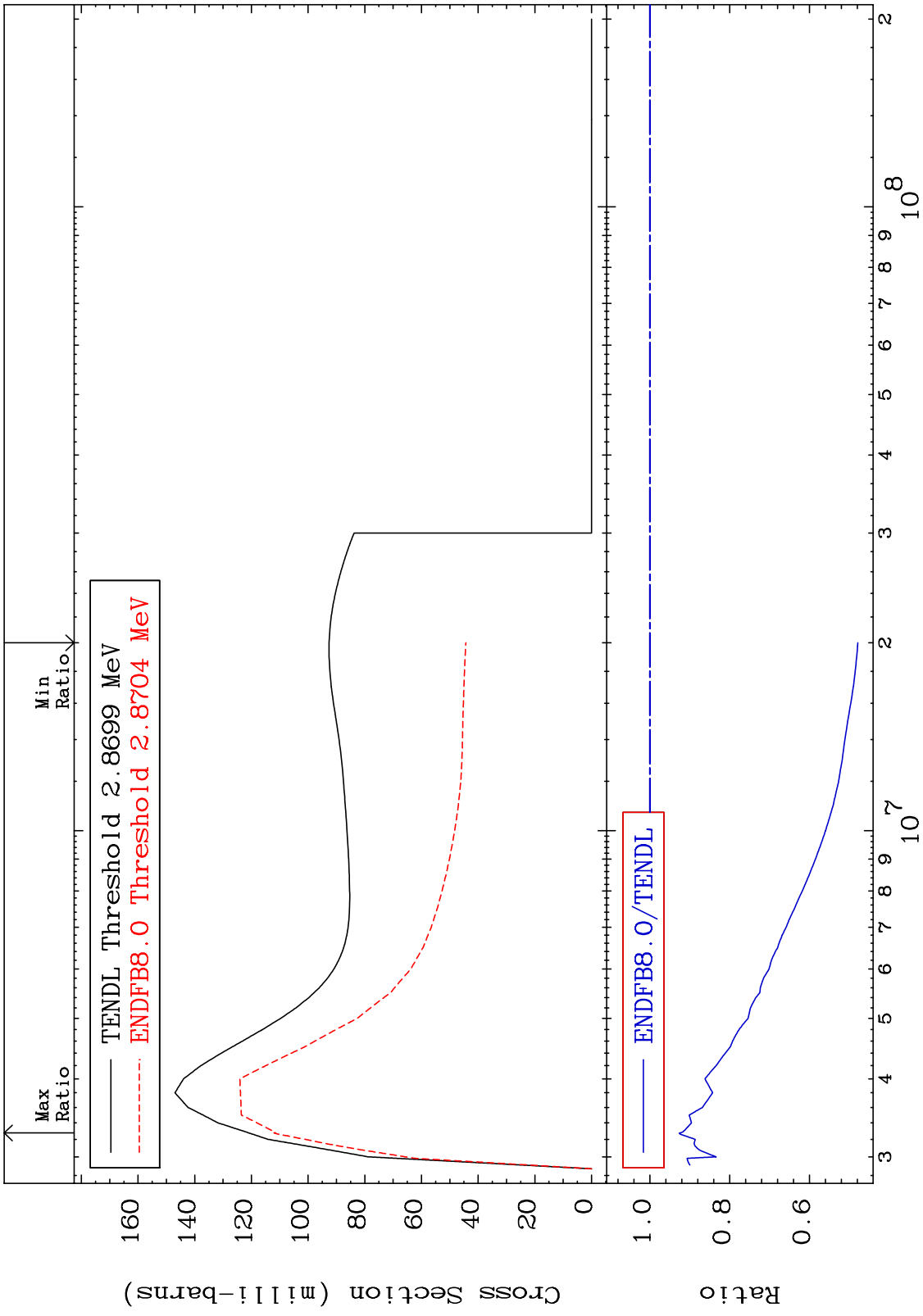
30-Zn-66
-77.05 To 158.4 %



MAT 3031 MT= 58 (n,n') Level Cross Section -50.10 To 82.82 % 30-Zn-66



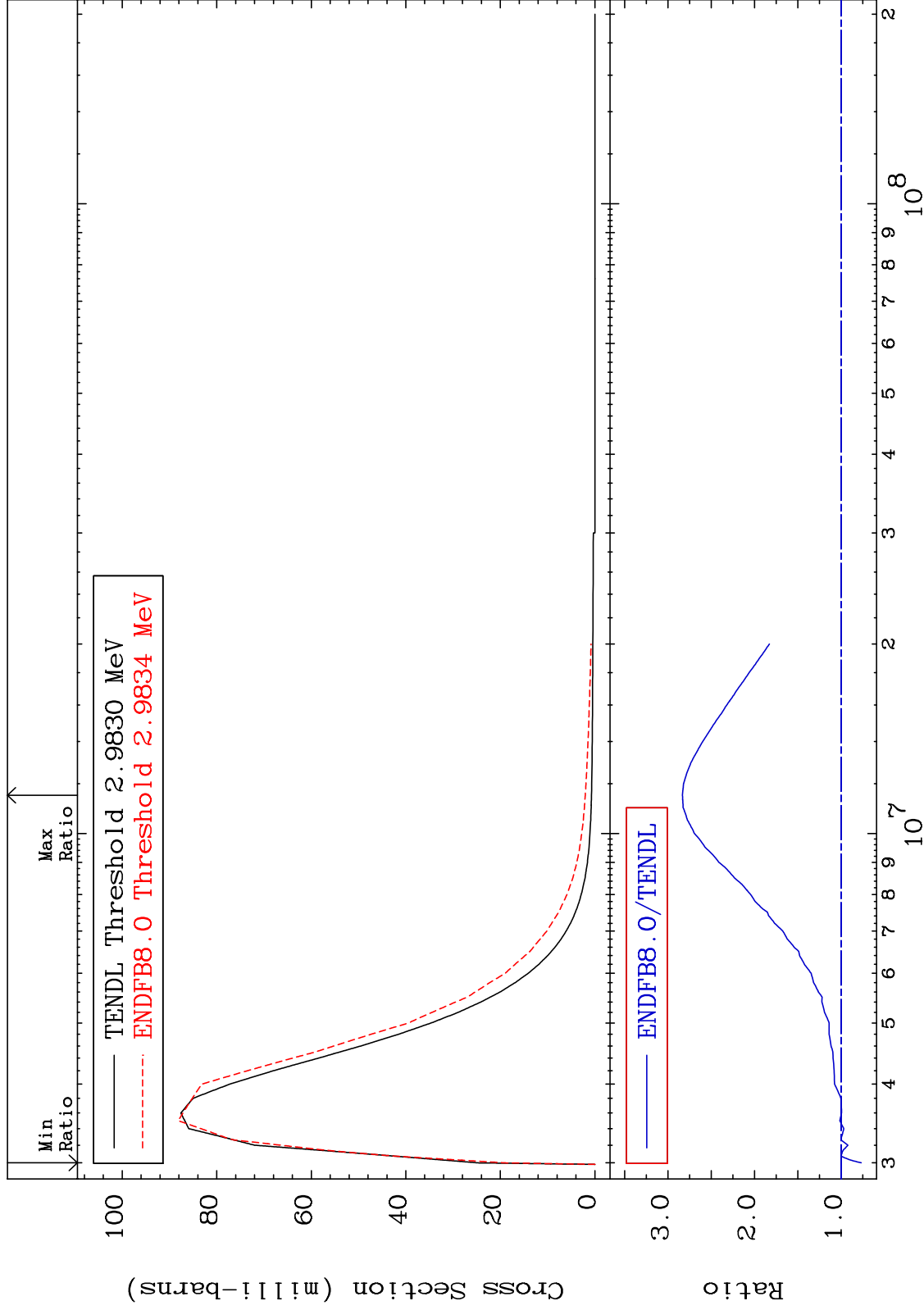
MAT 3031 MT= 59 (n,n') Level Cross Section 30-Zn-66 -52.12 To -7.323%



MAT 3031

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

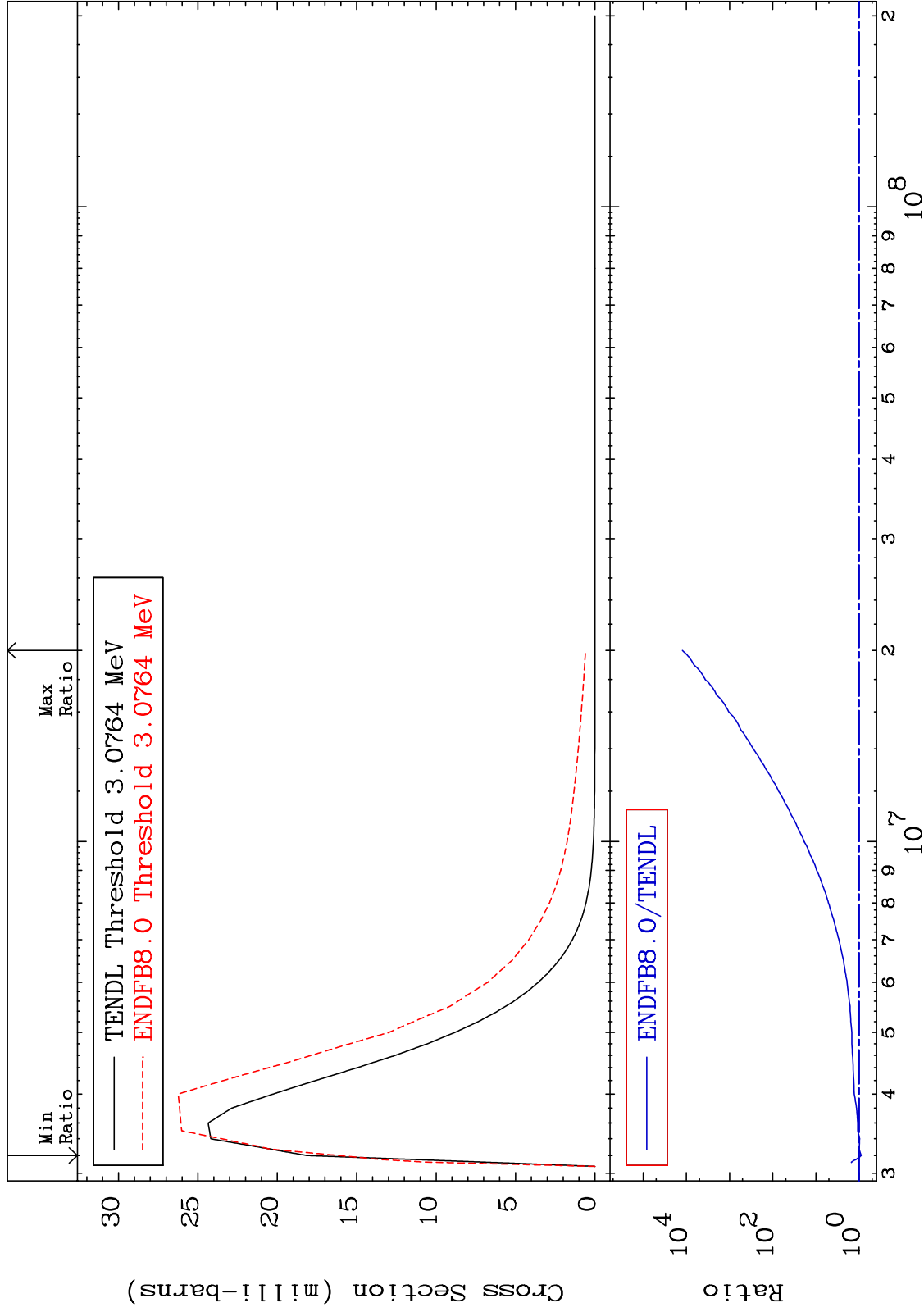
30-Zn-66
-23.23 To 183.2 %



MAT 3031

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

30-Zn-66
-11.10 To 9999. %

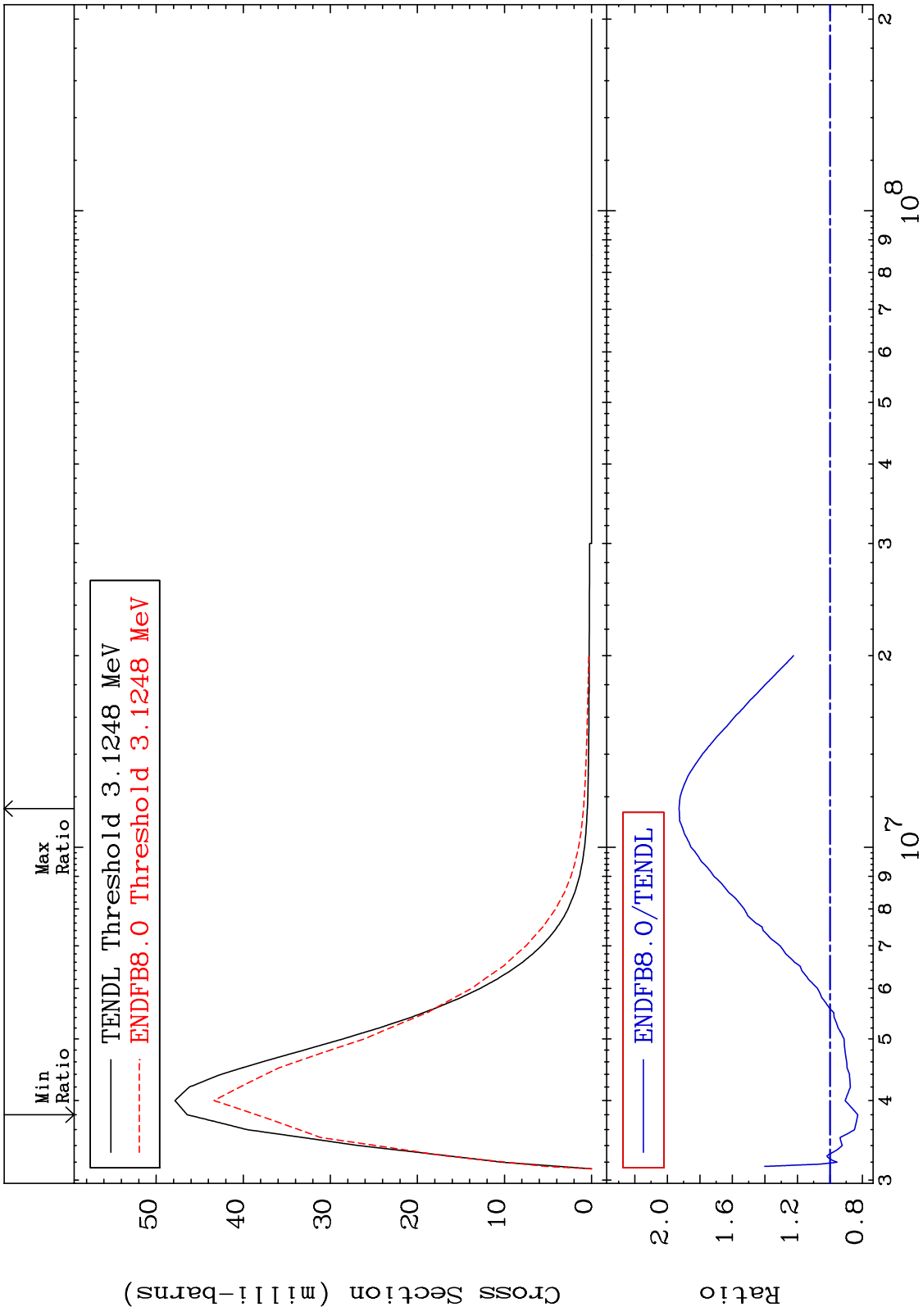


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Incident Energy (eV)

30-Zn-66

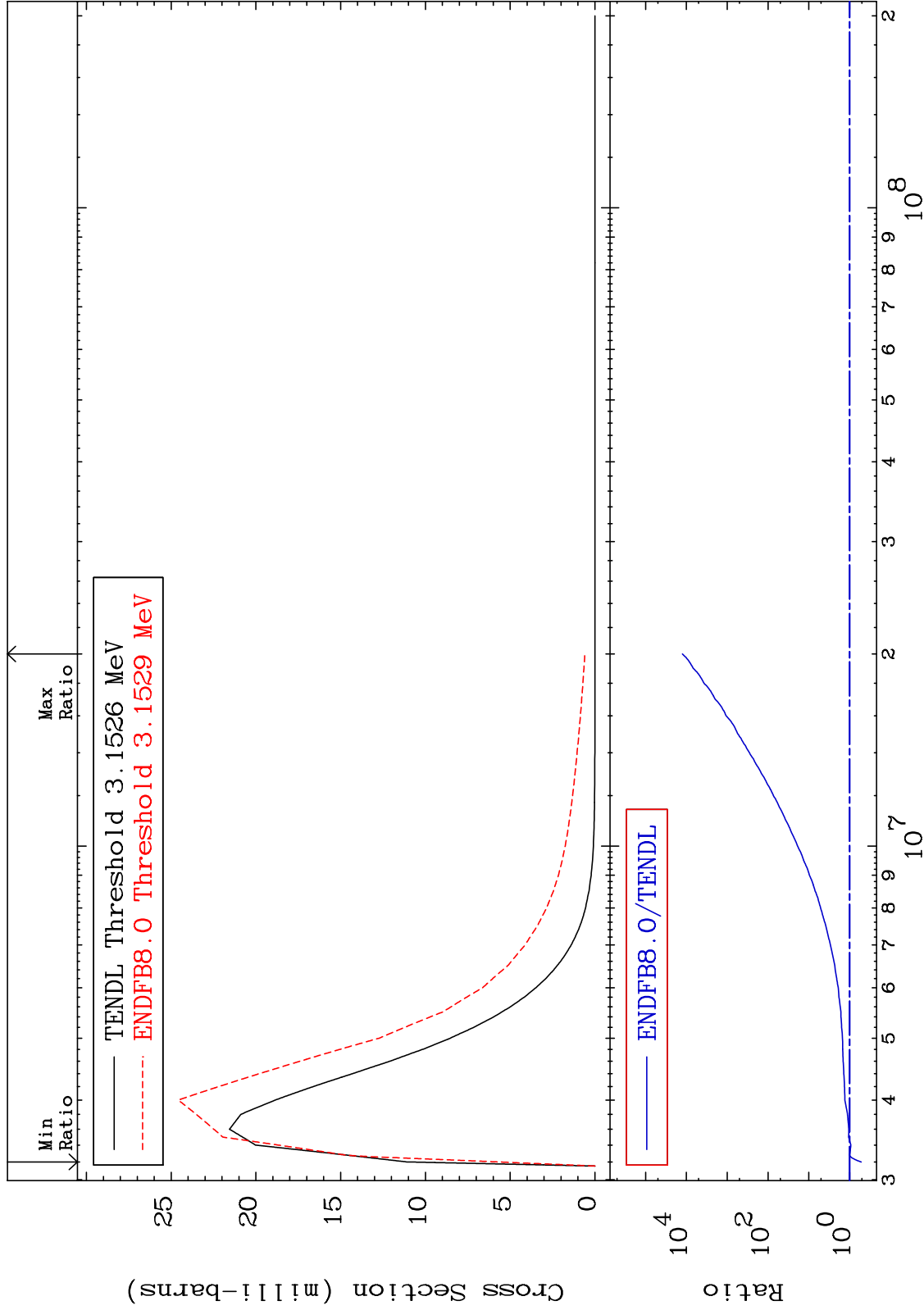
MAT 3031 MT= 62 (n,n') Level Cross Section -17.15 To 92.81 % 30-Zn-66



MAT 3031

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

30-Zn-66
-48.25 To 9999. %



22

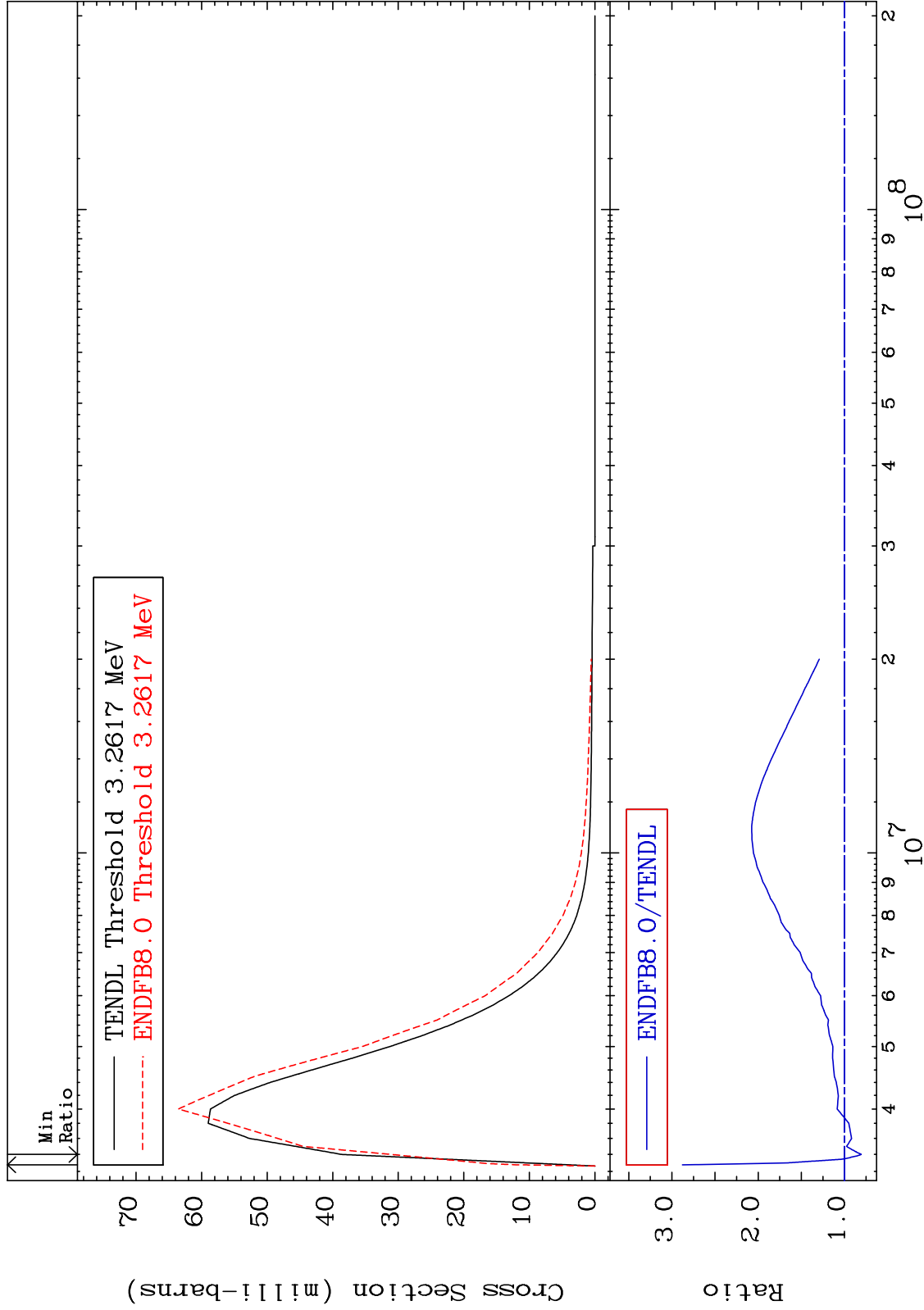
Incident Energy (eV)

30-Zn-66

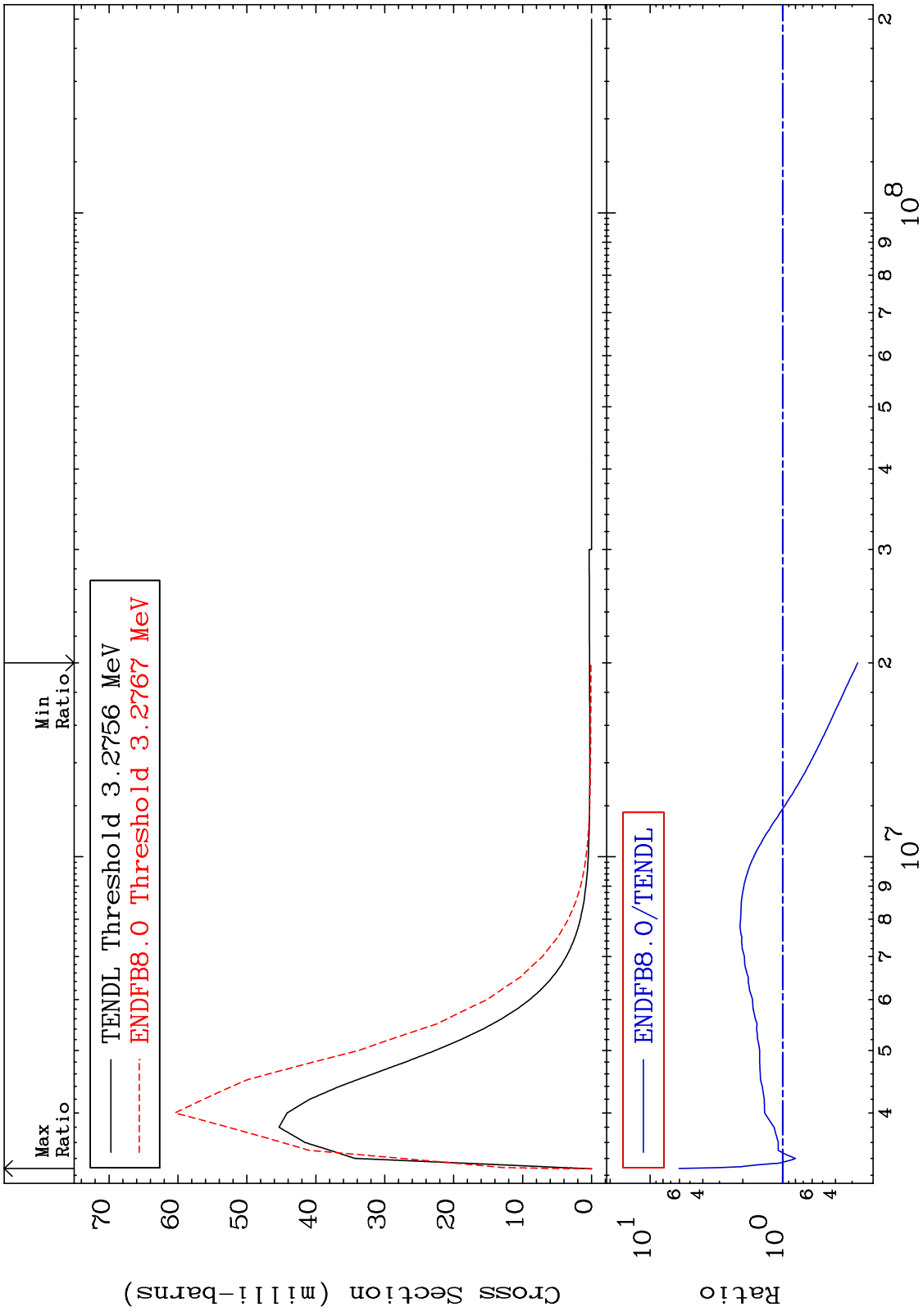
MAT 3031

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

30-Zn-66
-19.52 To 187.7 %



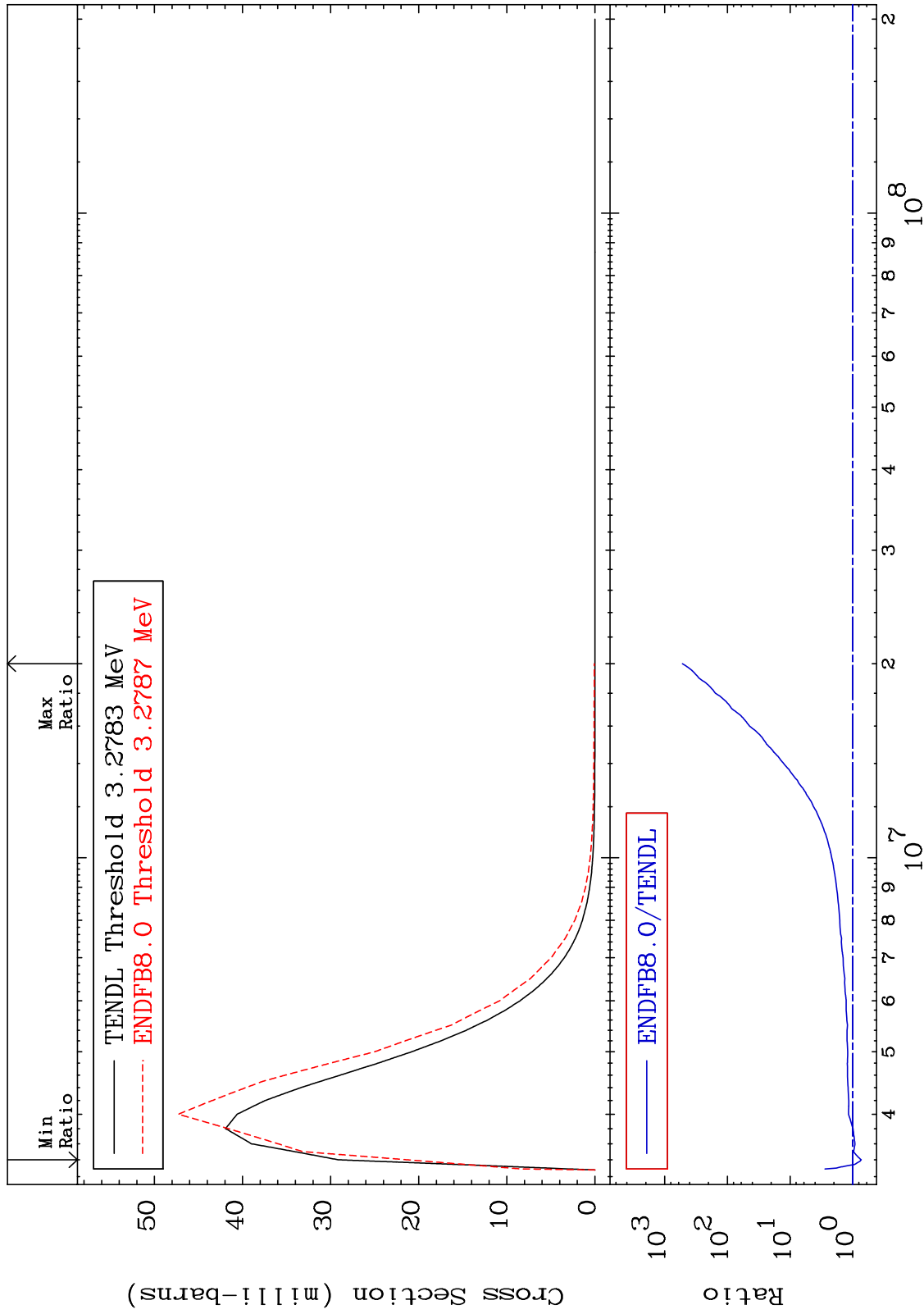
MAT 3031 MT= 65 (n,n') Level Cross Section -72.87 To 504.6 % 30-Zn-66



MAT 3031

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

30-Zn-66
-26.81 To 9999. %



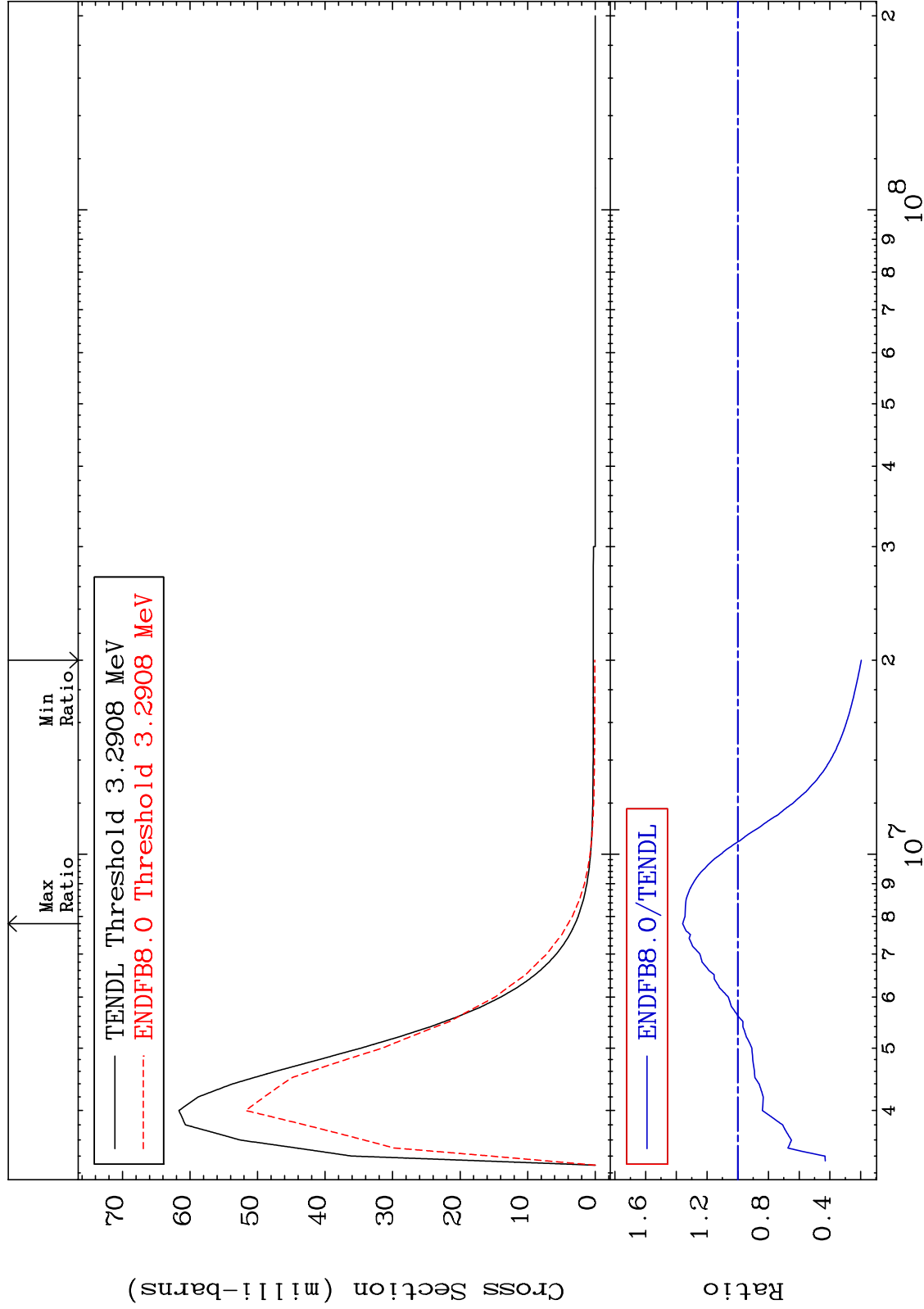
25

30-Zn-66

MAT 3031

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

30-Zn-66
-80.48 To 35.88 %



26

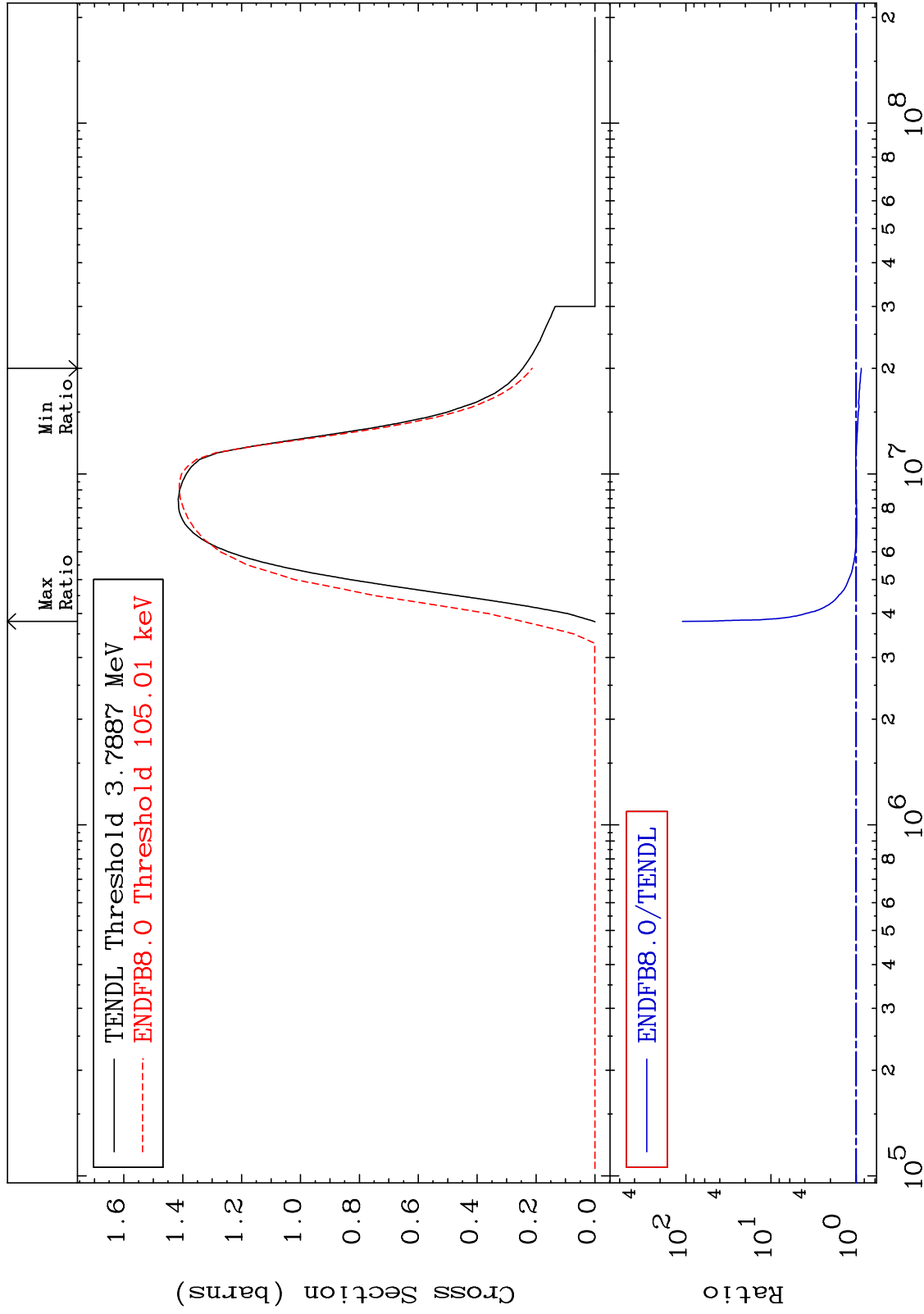
Incident Energy (eV)

30-Zn-66

MAT 3031

(n, n') Continuum
Cross Section

30-Zn-66
-13.08 To 9999. %



27

Incident Energy (eV)

30-Zn-66

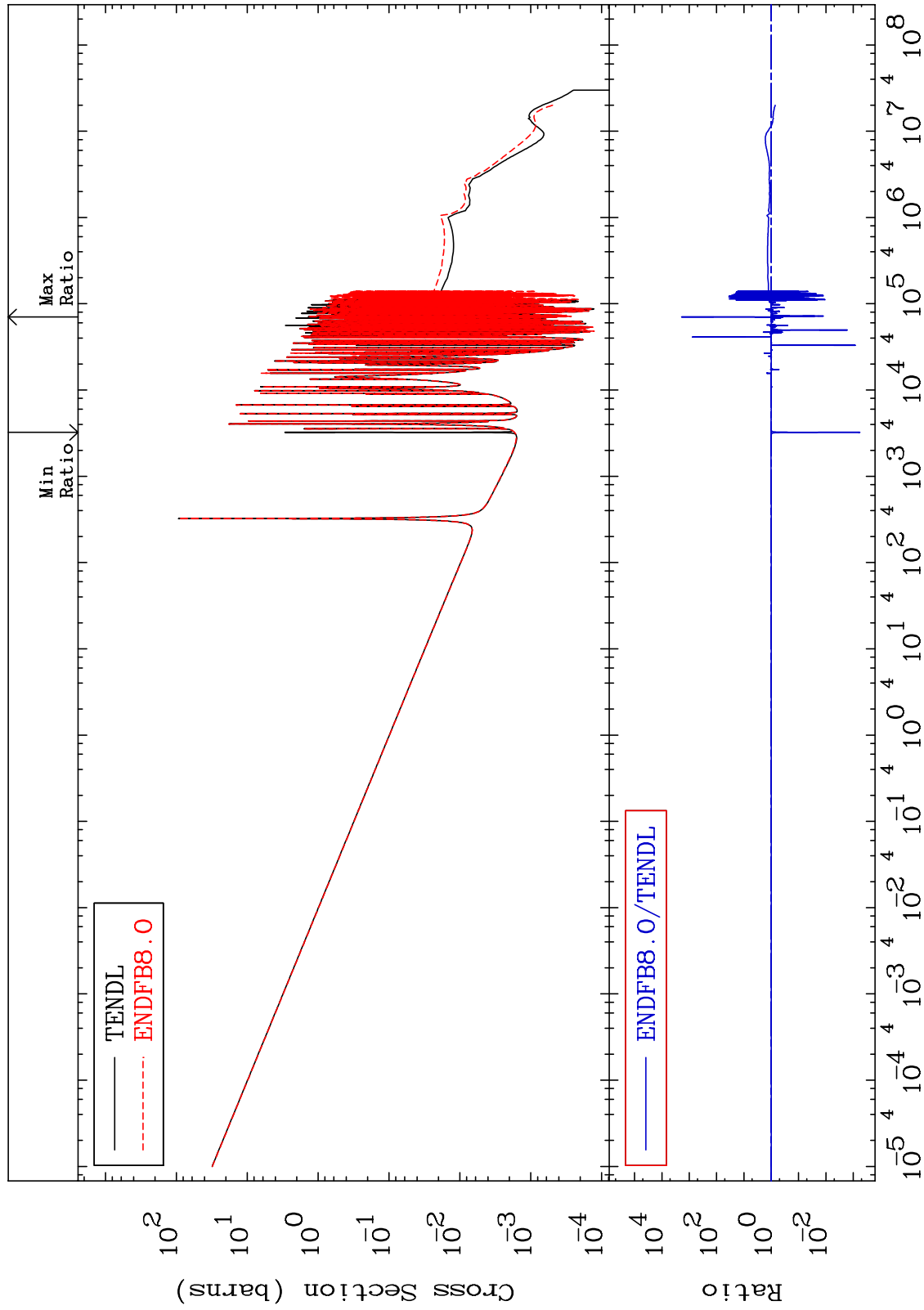
MAT 3031

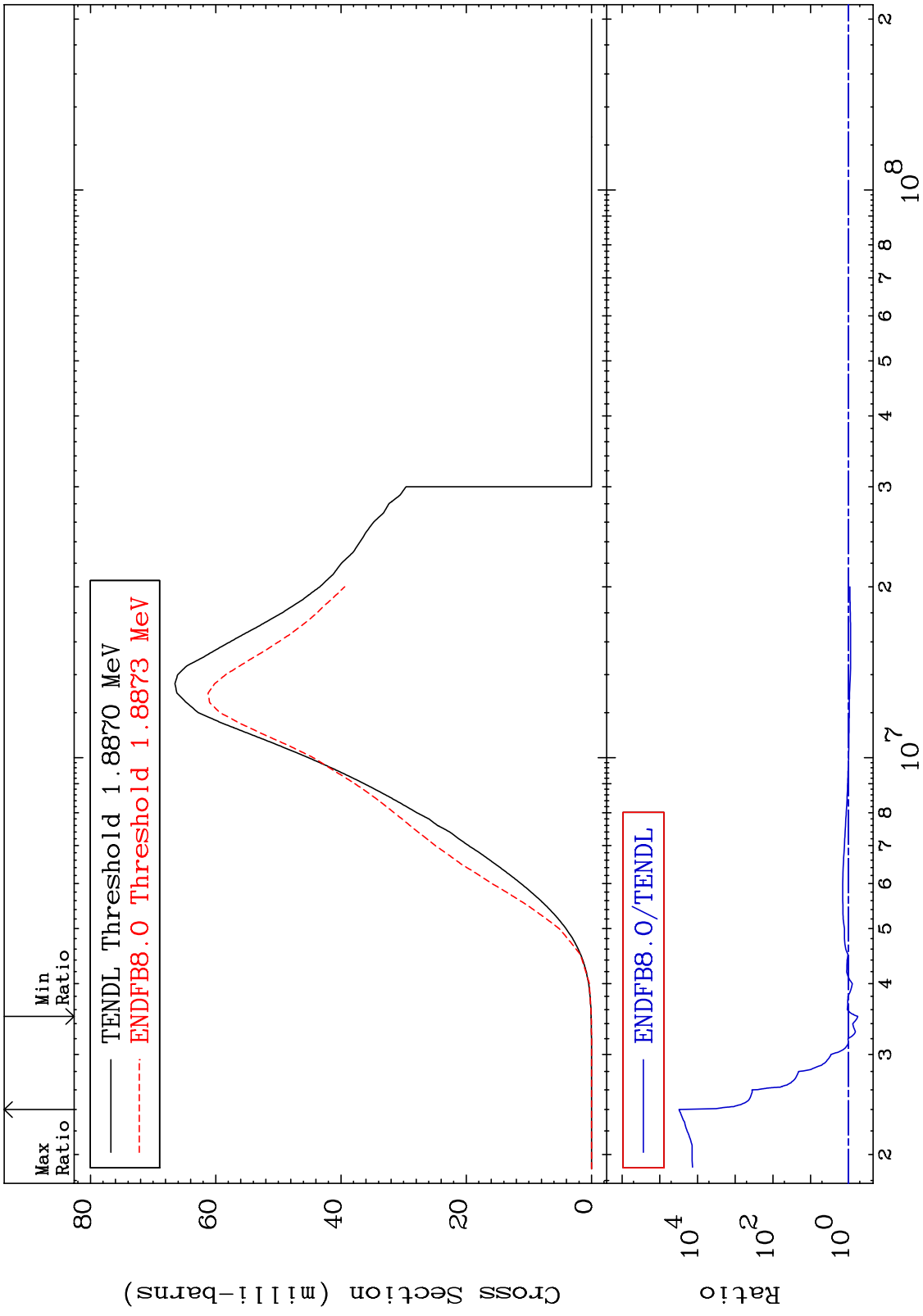
(n, γ)

30-Zn-66

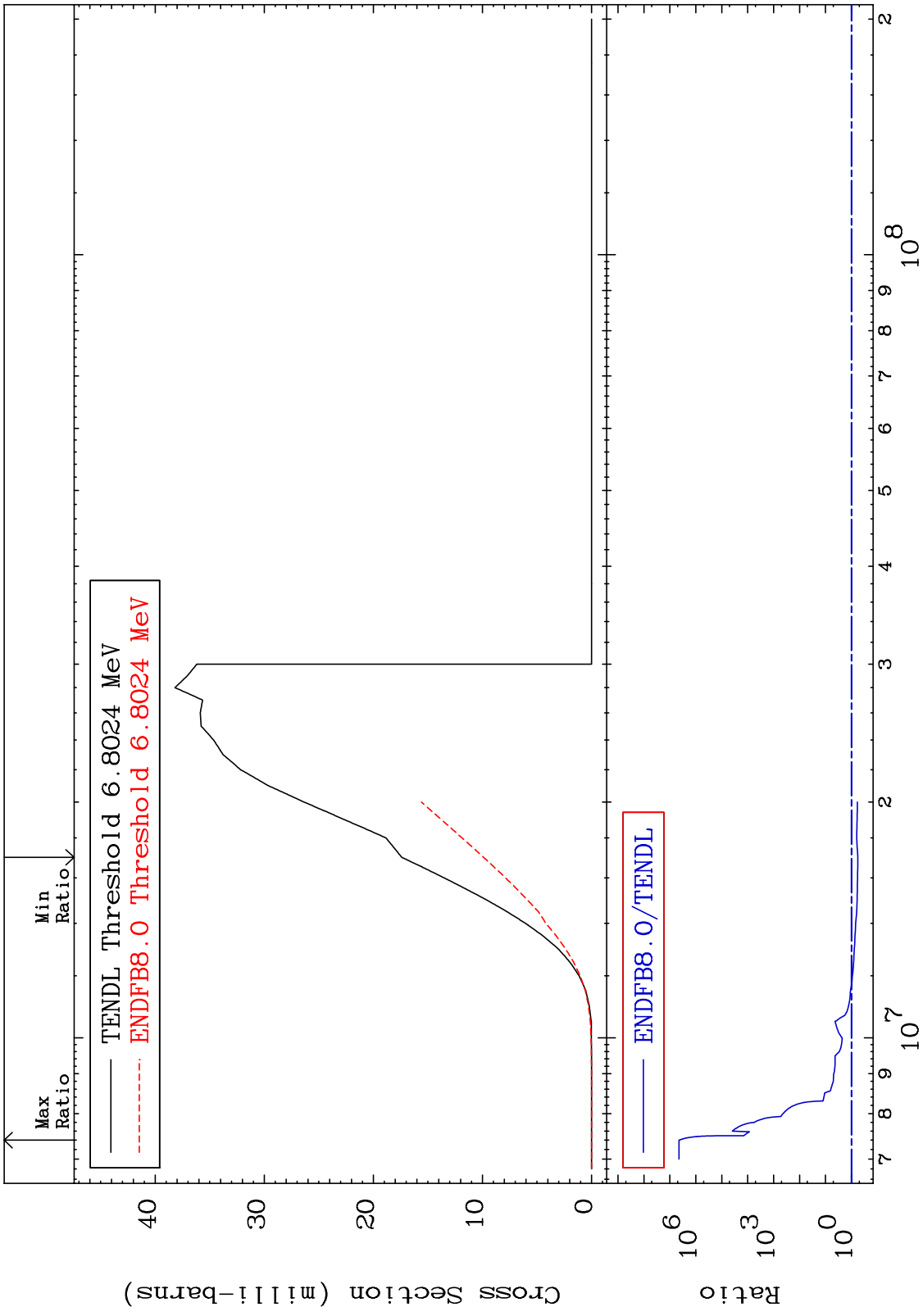
Cross Section

-99.94 To 9999. %

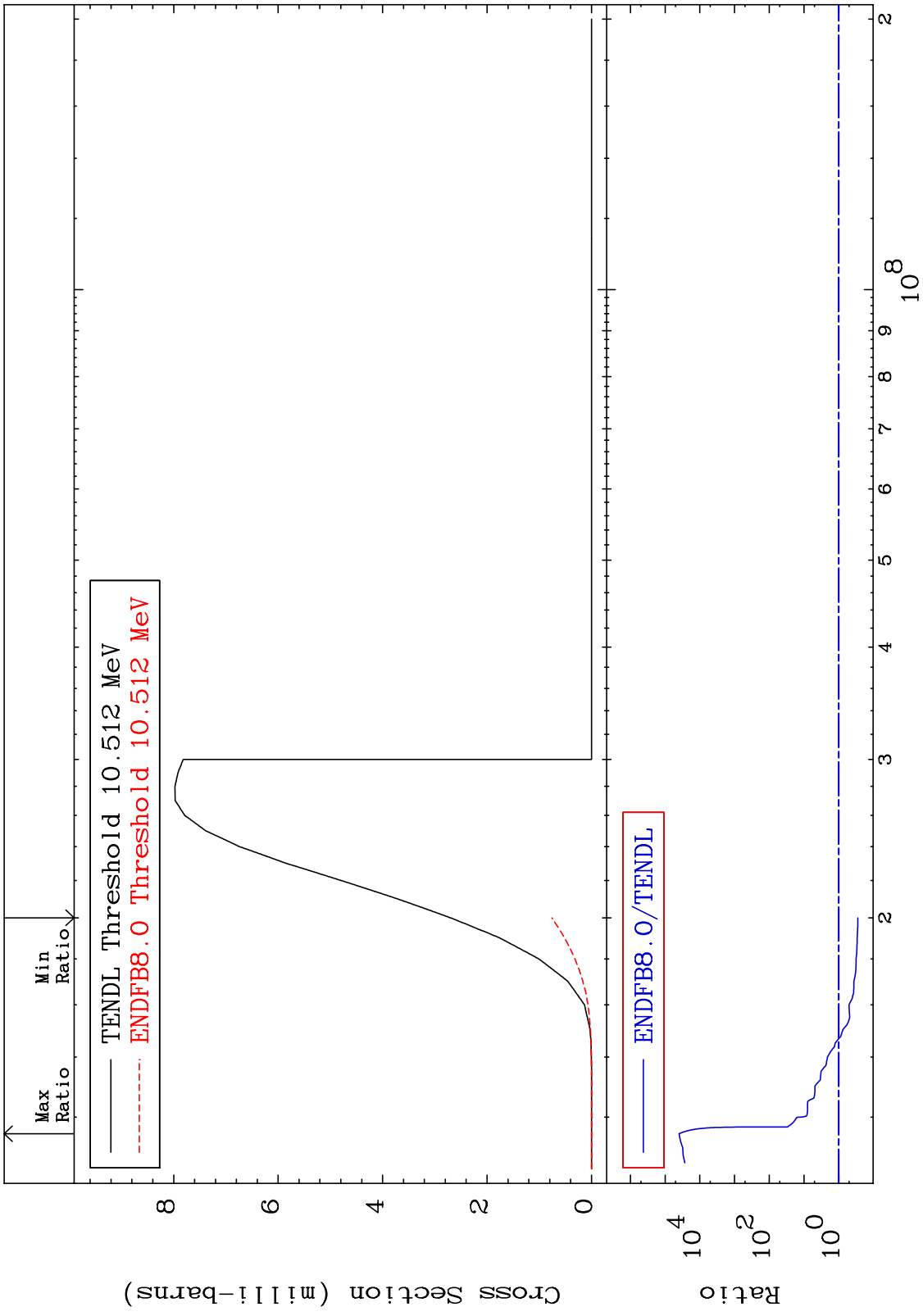


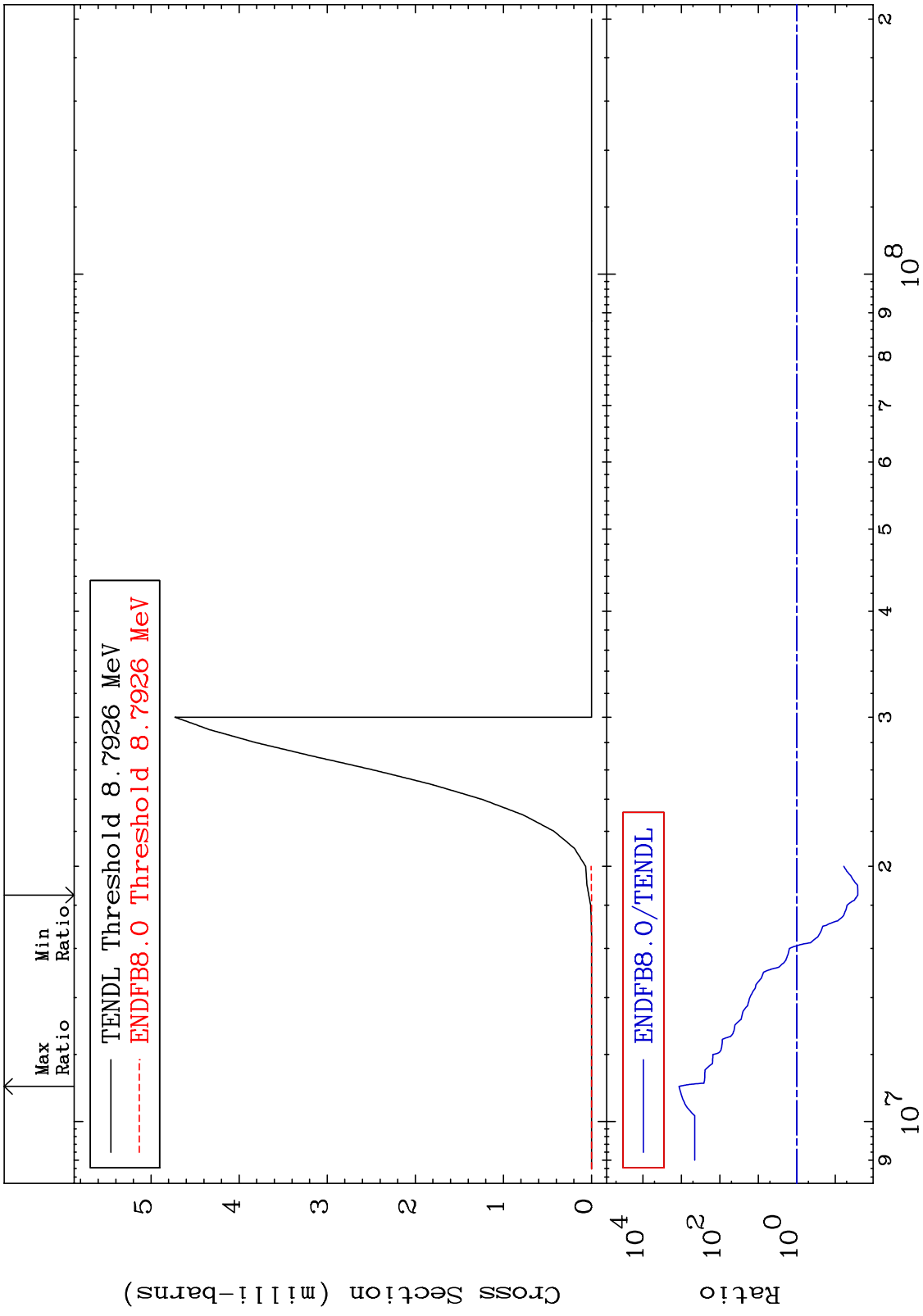


MAT 3031 (n,d) 30-Zn-66
 Cross Section -43.12 To 9999. %



30 30-Zn-66 Incident Energy (eV)

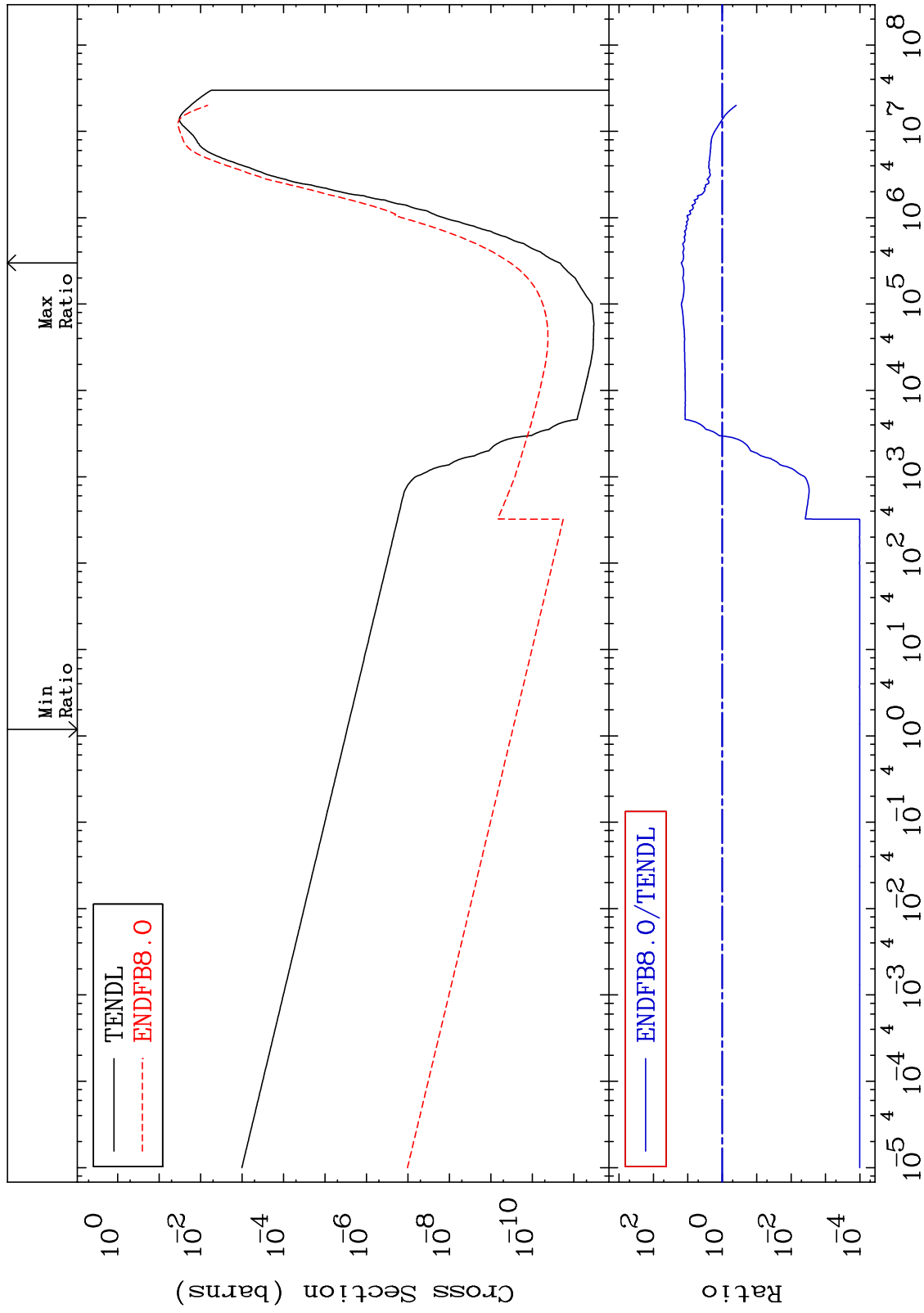




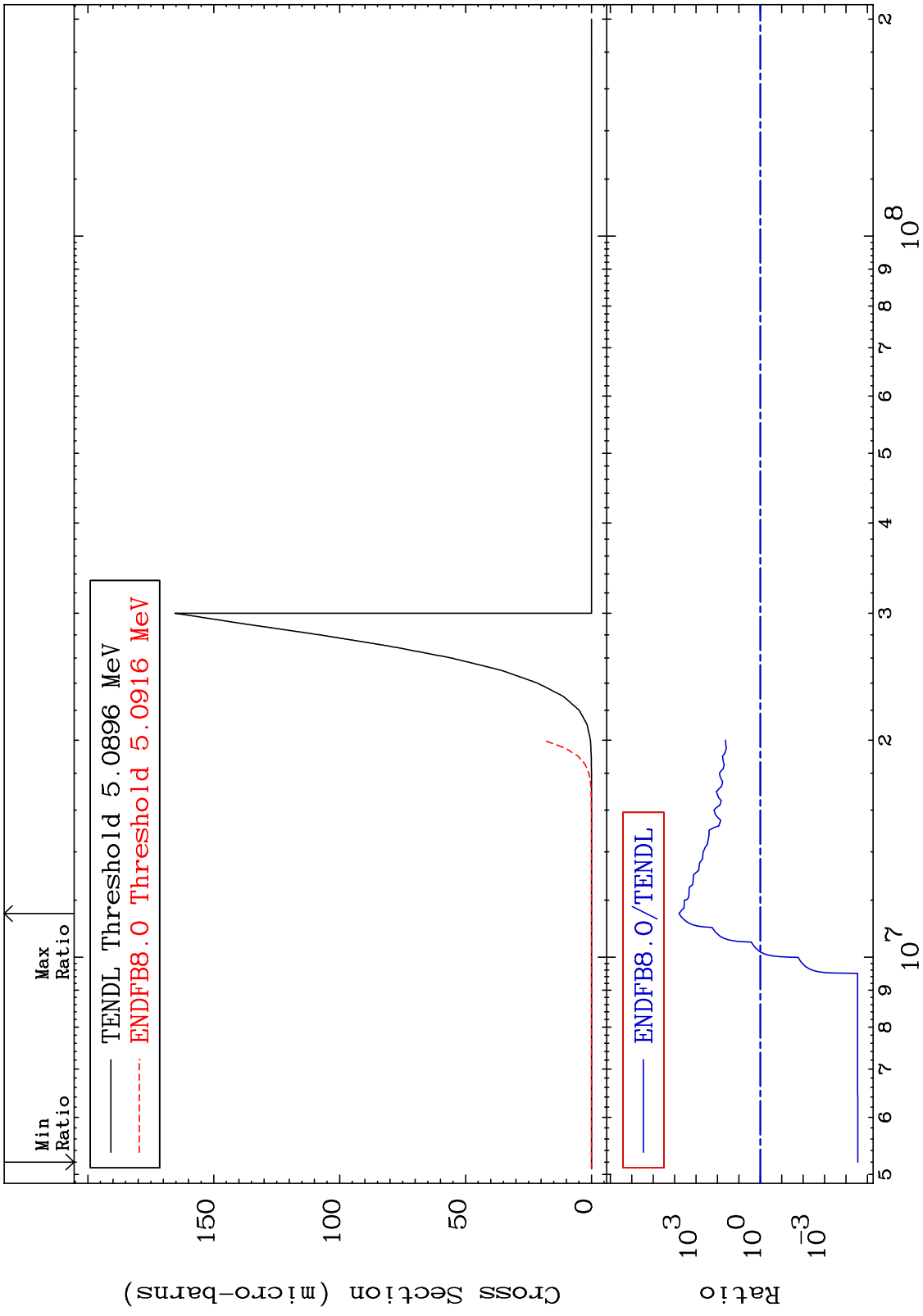
MAT 3031

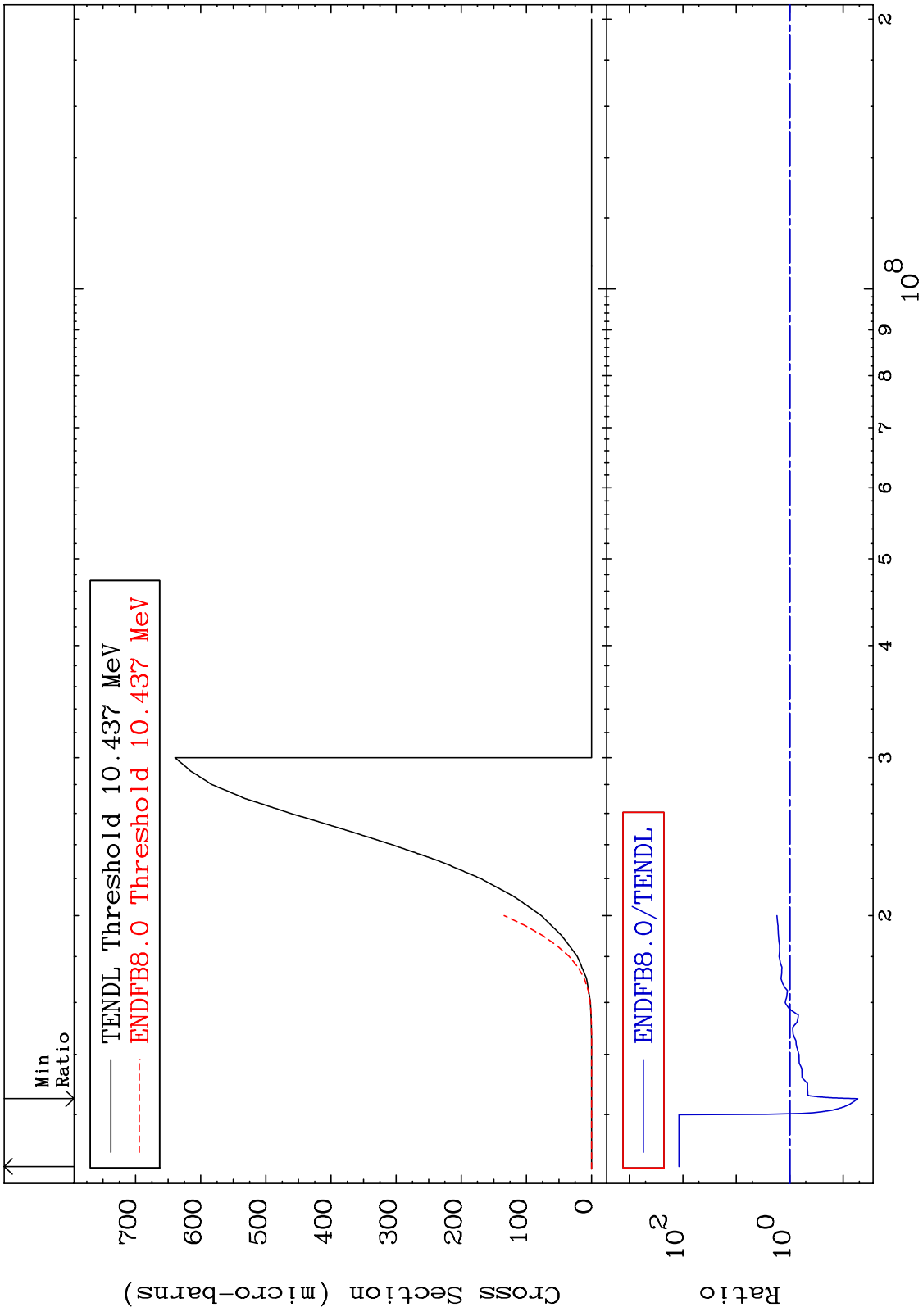
(n, α) Cross Section

30-Zn-66
-99.99 To 1453. %

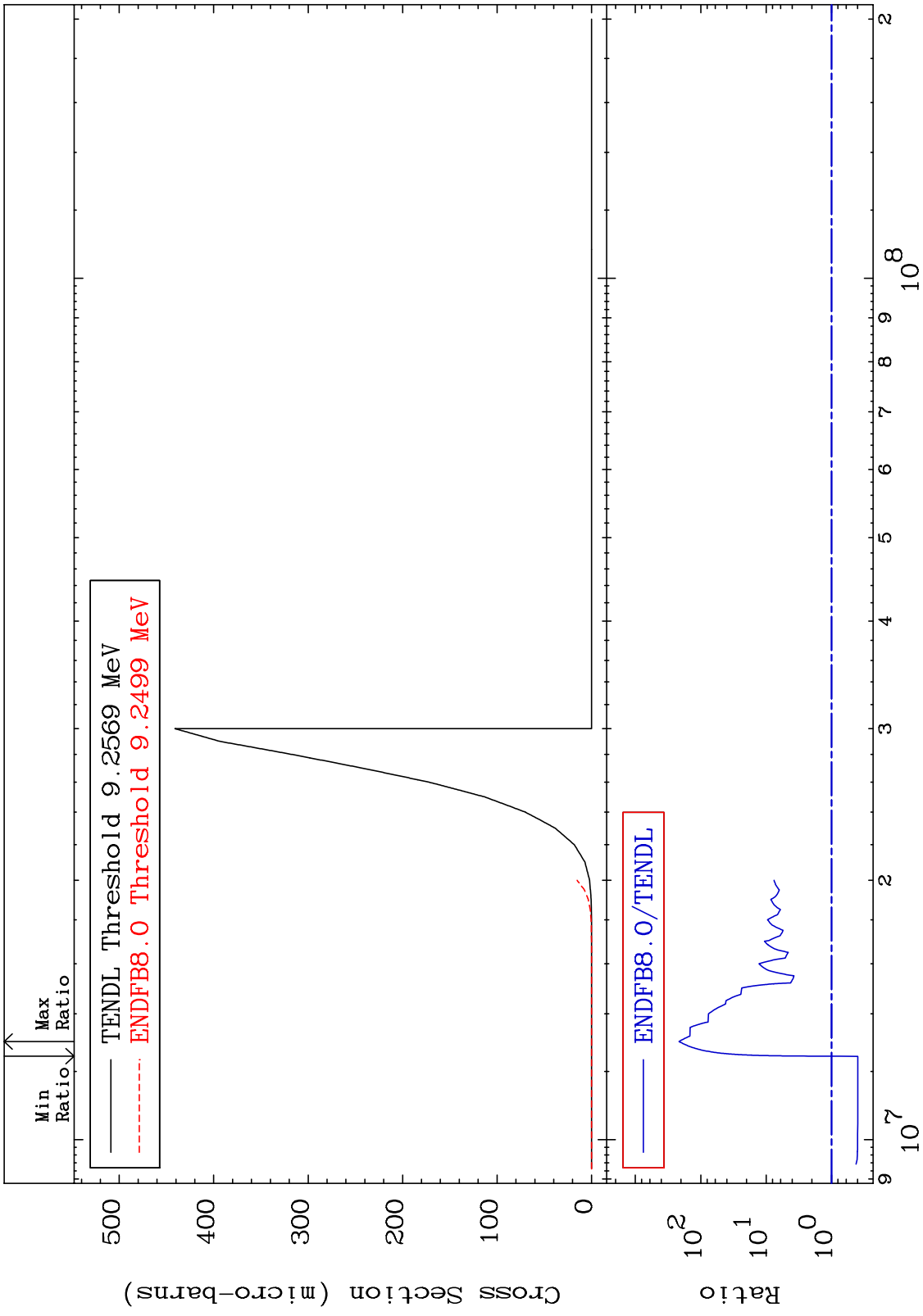


MAT 3031 $(n, 2\alpha)$ 30-Zn-66
 Cross Section -100.0 To 9999. %



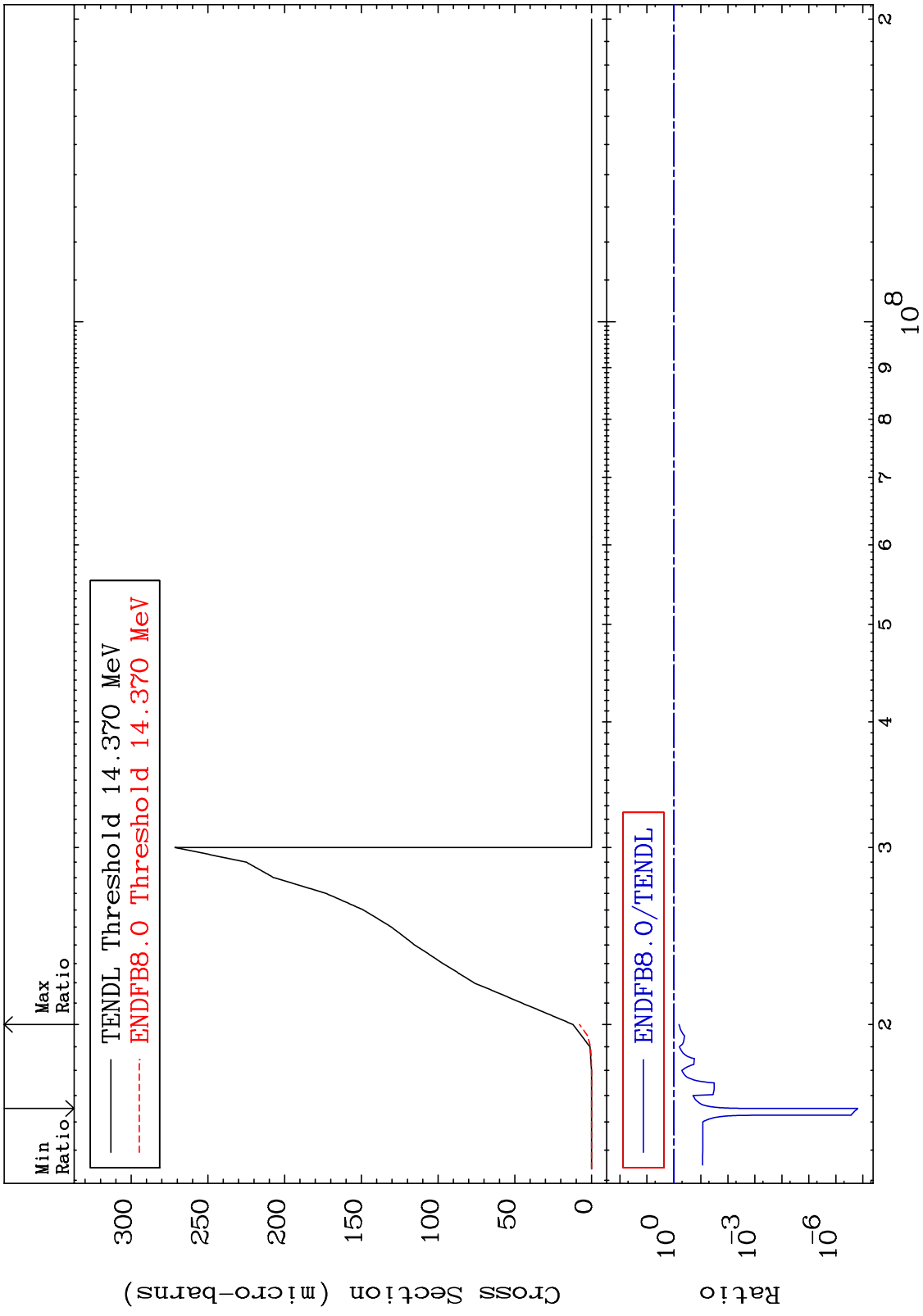


MAT 3031 (n,p) α 30-Zn-66
 Cross Section -60.31 To 9999. %



36 30-Zn-66

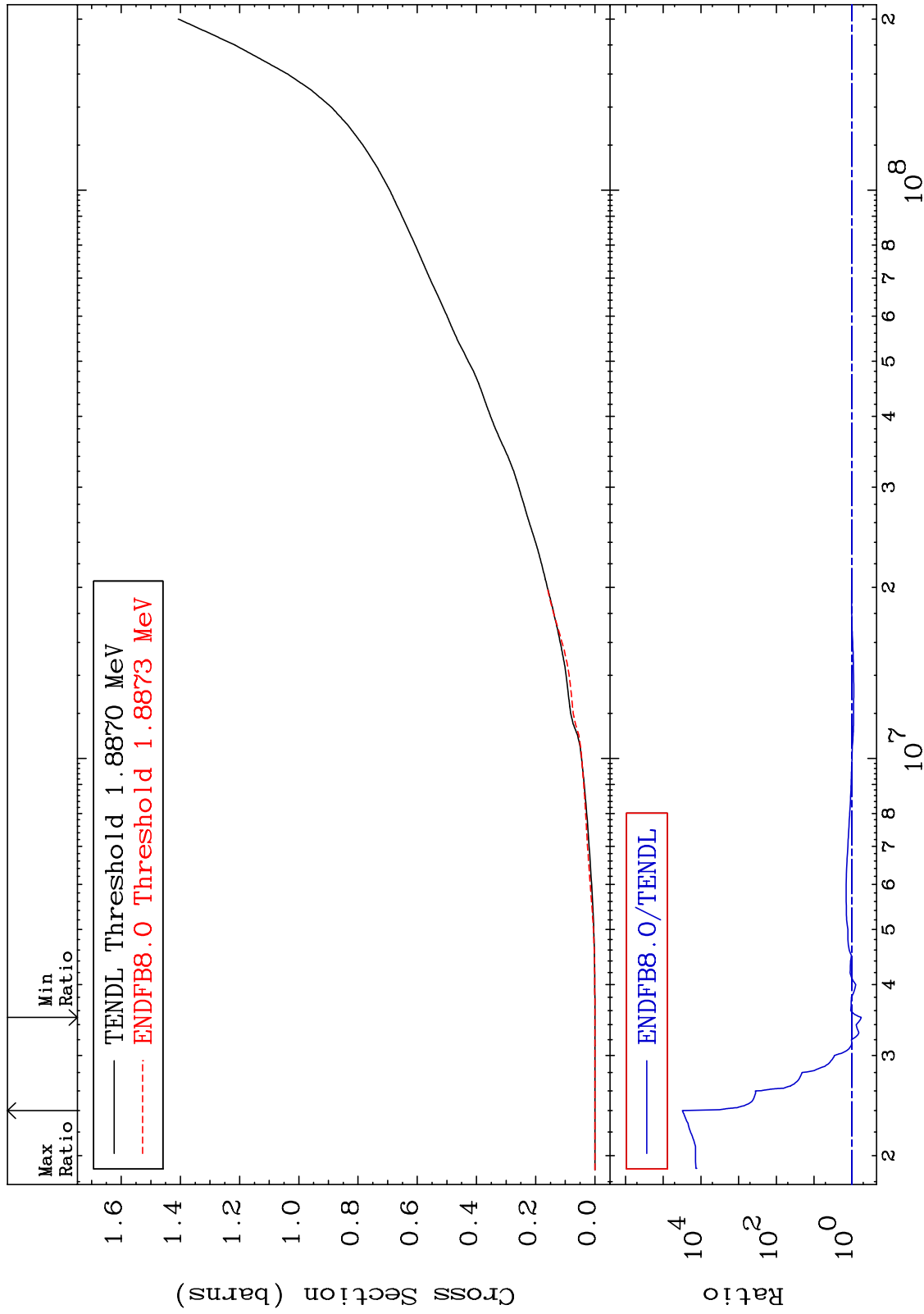
MAT 3031 (n,p) d 30-Zn-66
 Cross Section -100.0 To -35.49%



MAT 3031

Hydrogen Production
Cross Section

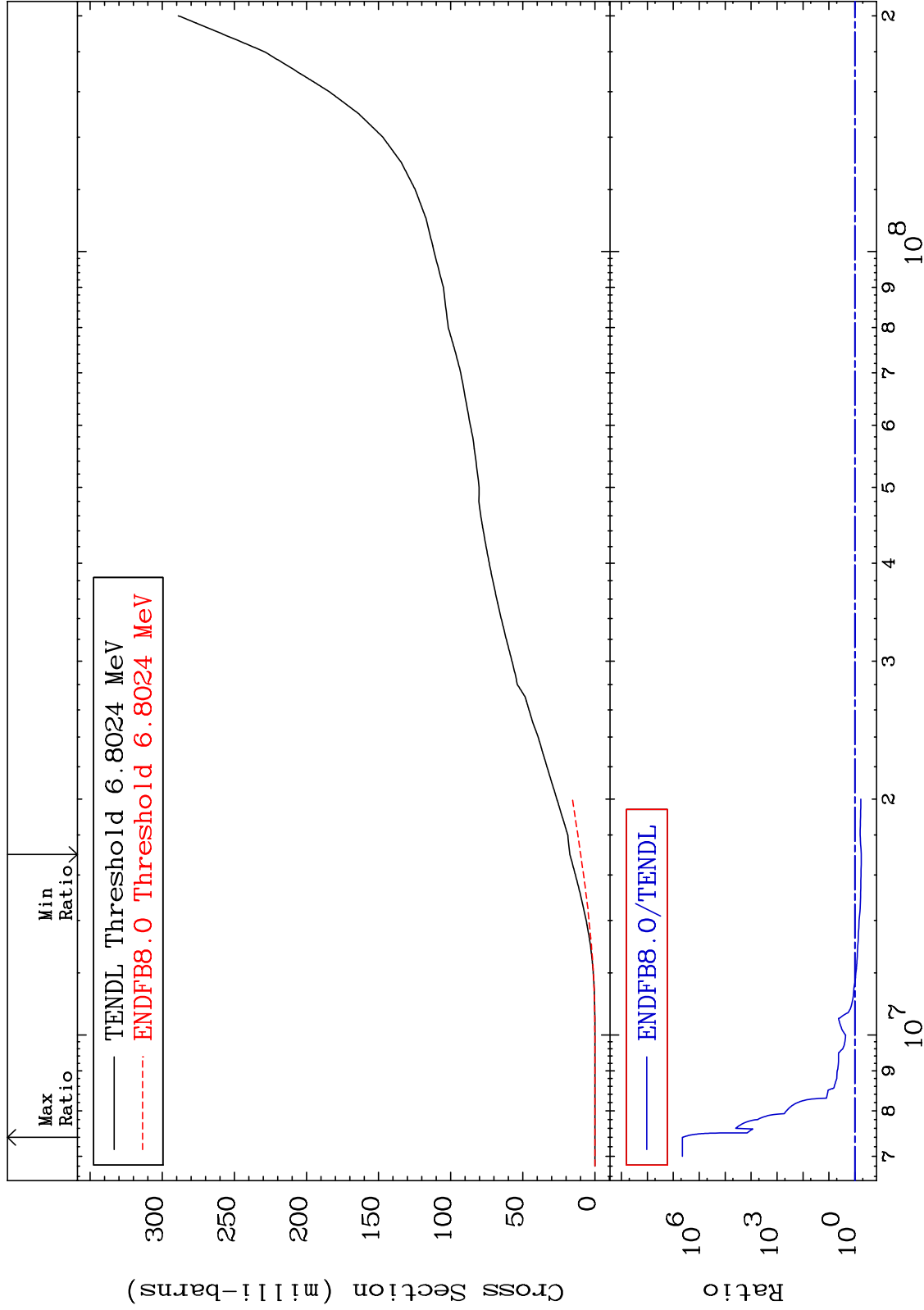
30-Zn-66
-44.14 To 9999. %



MAT 3031

Deuterium Production
Cross Section

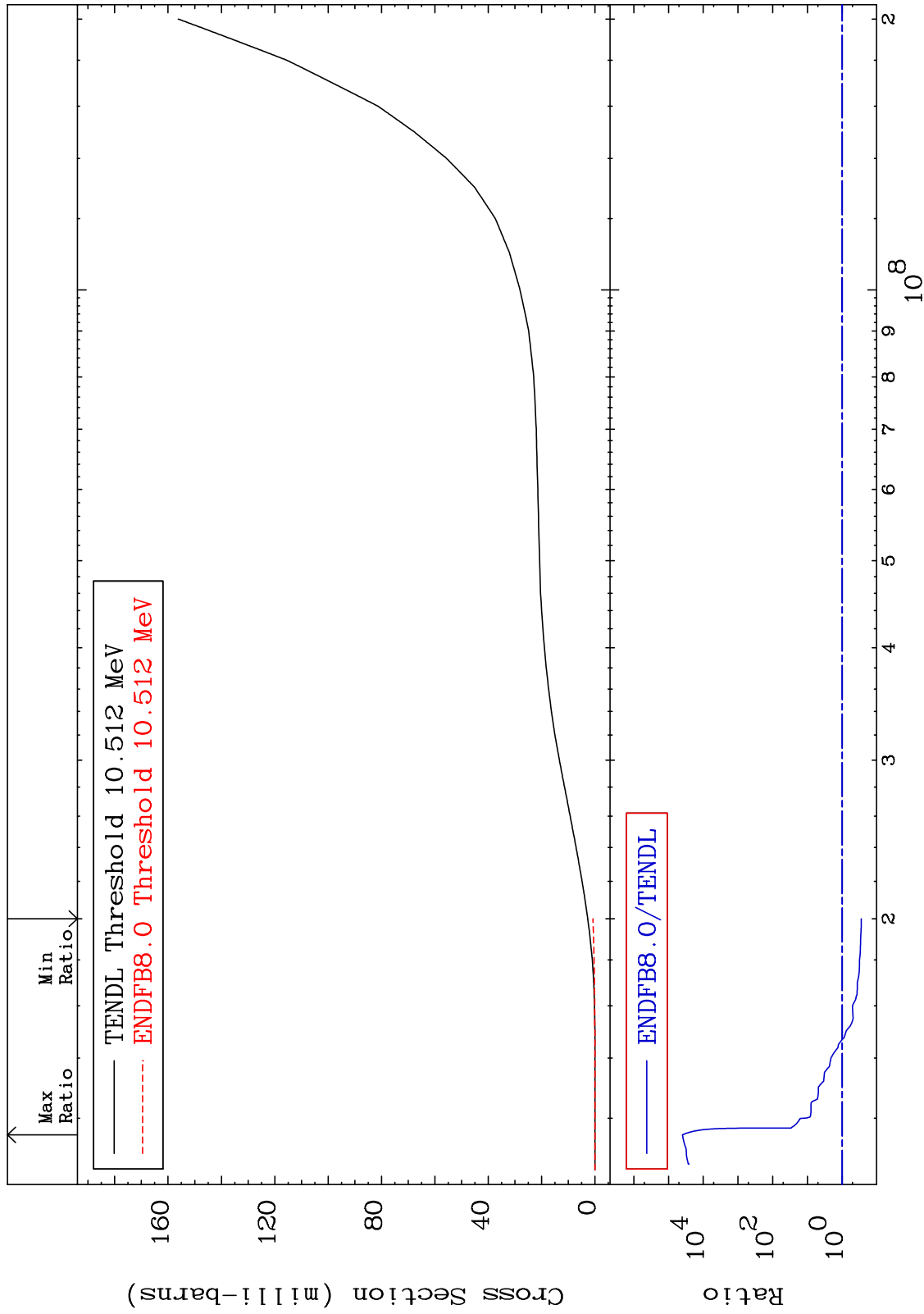
30-Zn-66
-43.12 To 9999. %



MAT 3031

Tritium Production
Cross Section

30-Zn-66
-71.93 To 9999. %

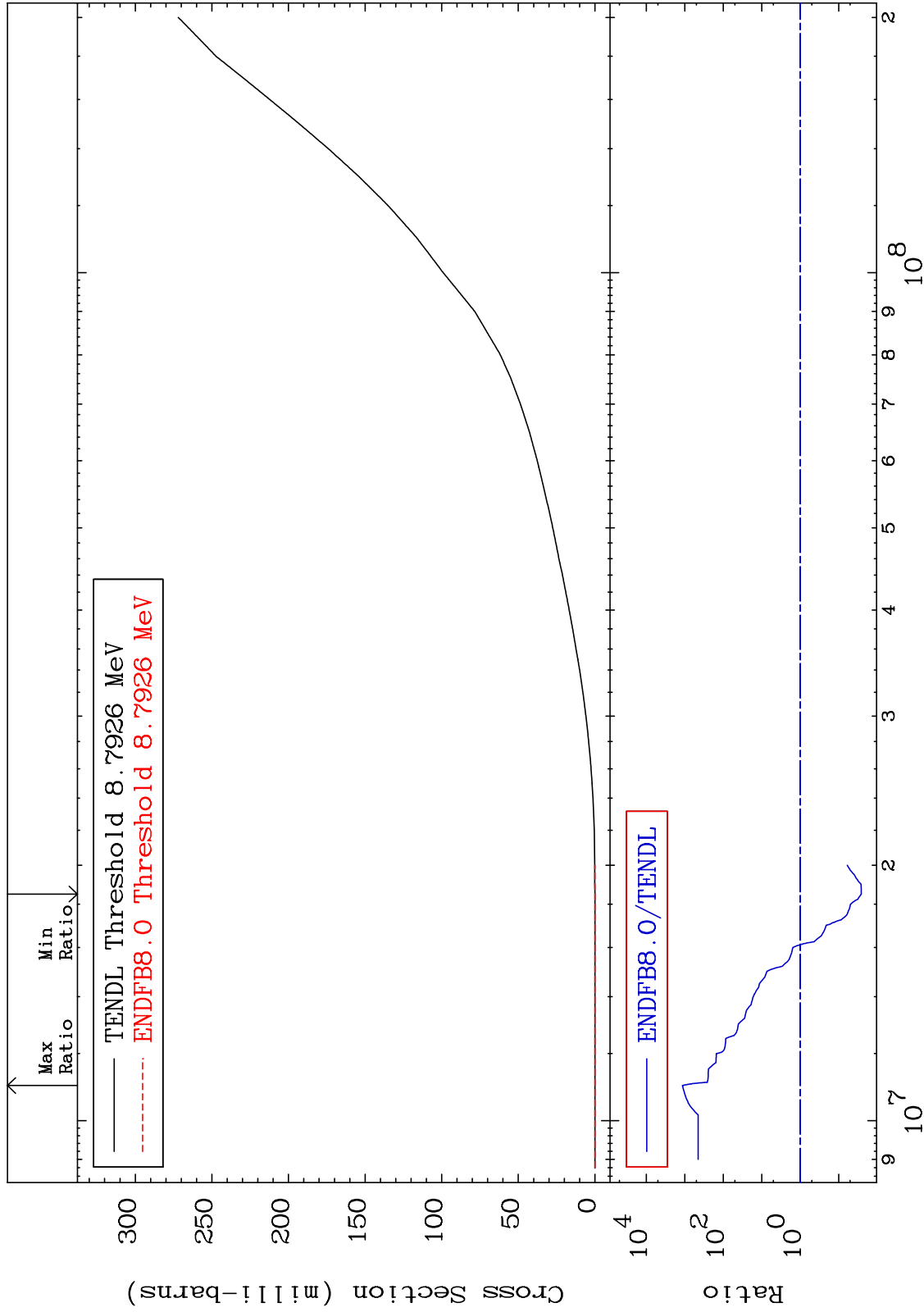


40

MAT 3031

He-3 Production
Cross Section

30-Zn-66
-97.43 To 9999. %



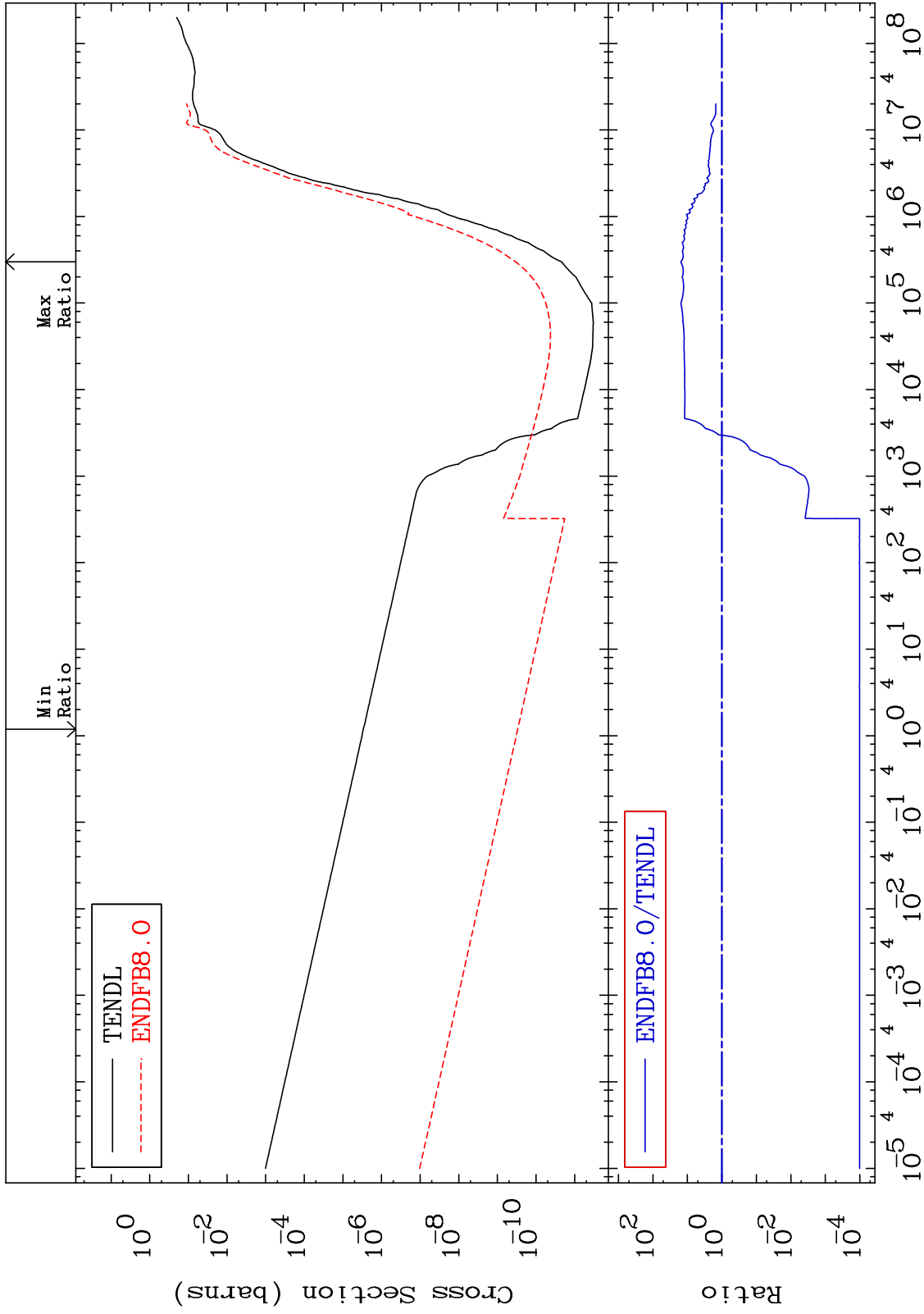
41

30-Zn-66

MAT 3031

He-4 Production
Cross Section

30-Zn-66
-99.99 To 1453. %

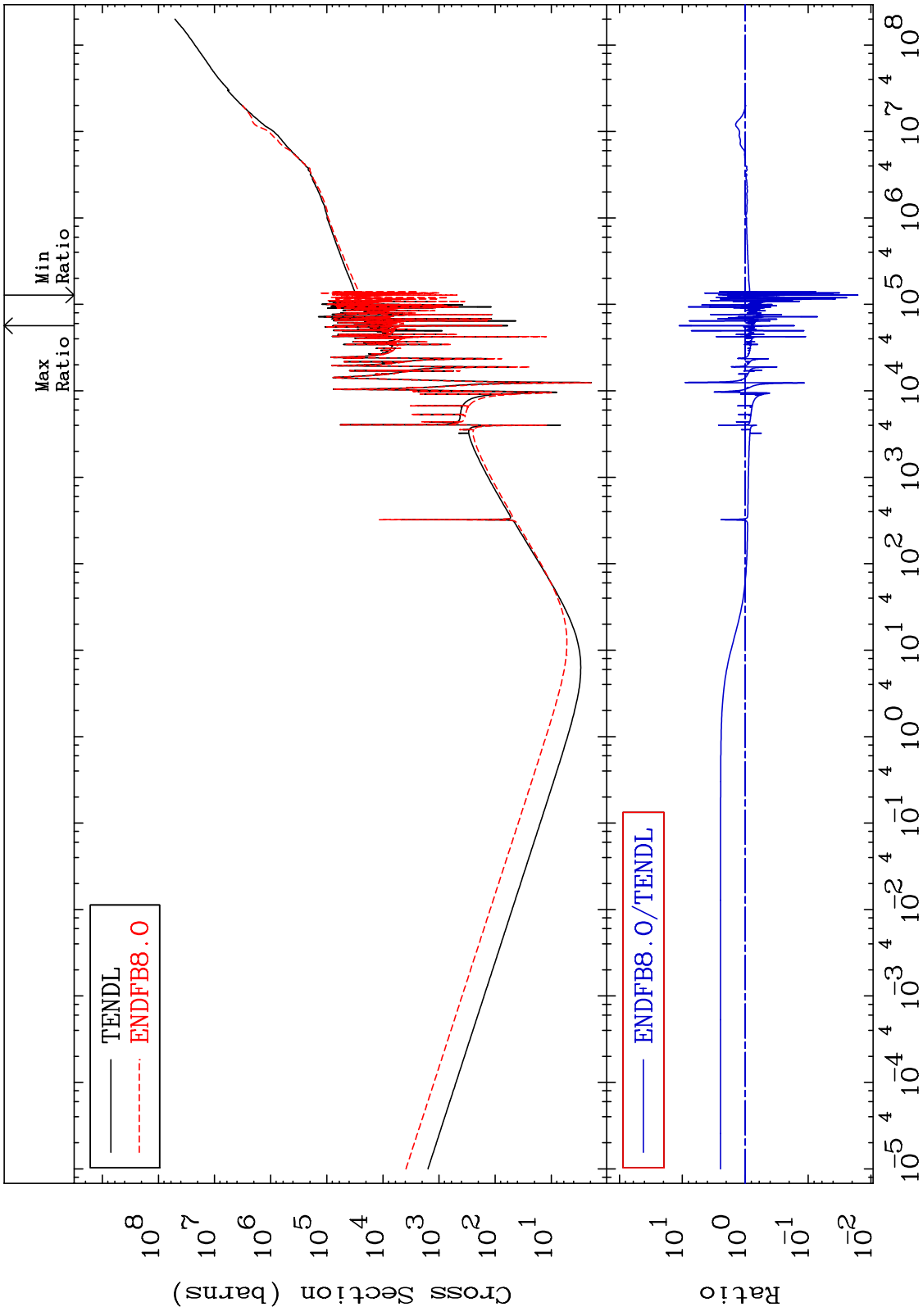


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Incident Energy (eV)

30-Zn-66

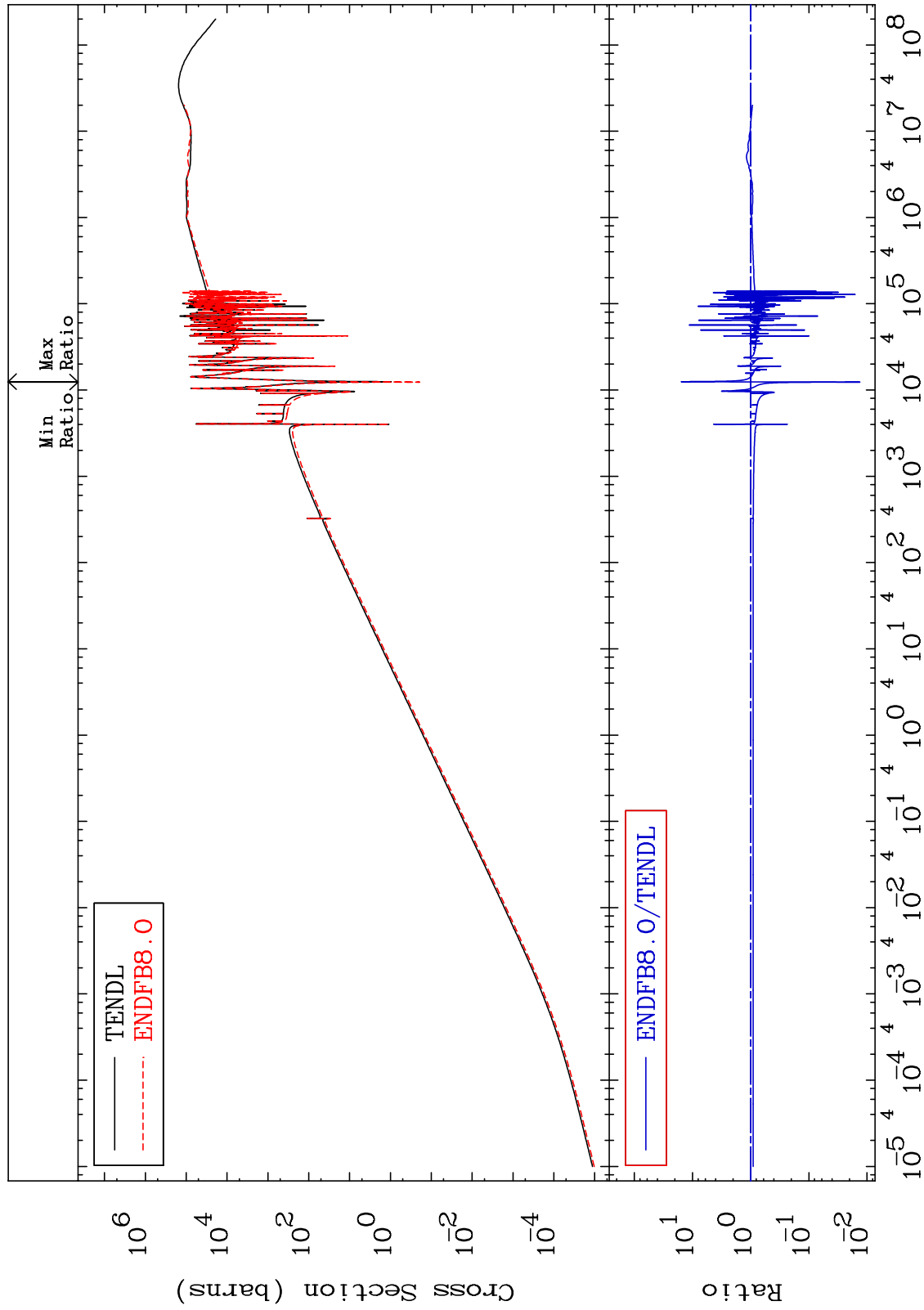
MAT 3031 Kerma total (eV-barns)
 Cross Section 30-Zn-66
 -98.38 To 1027. %



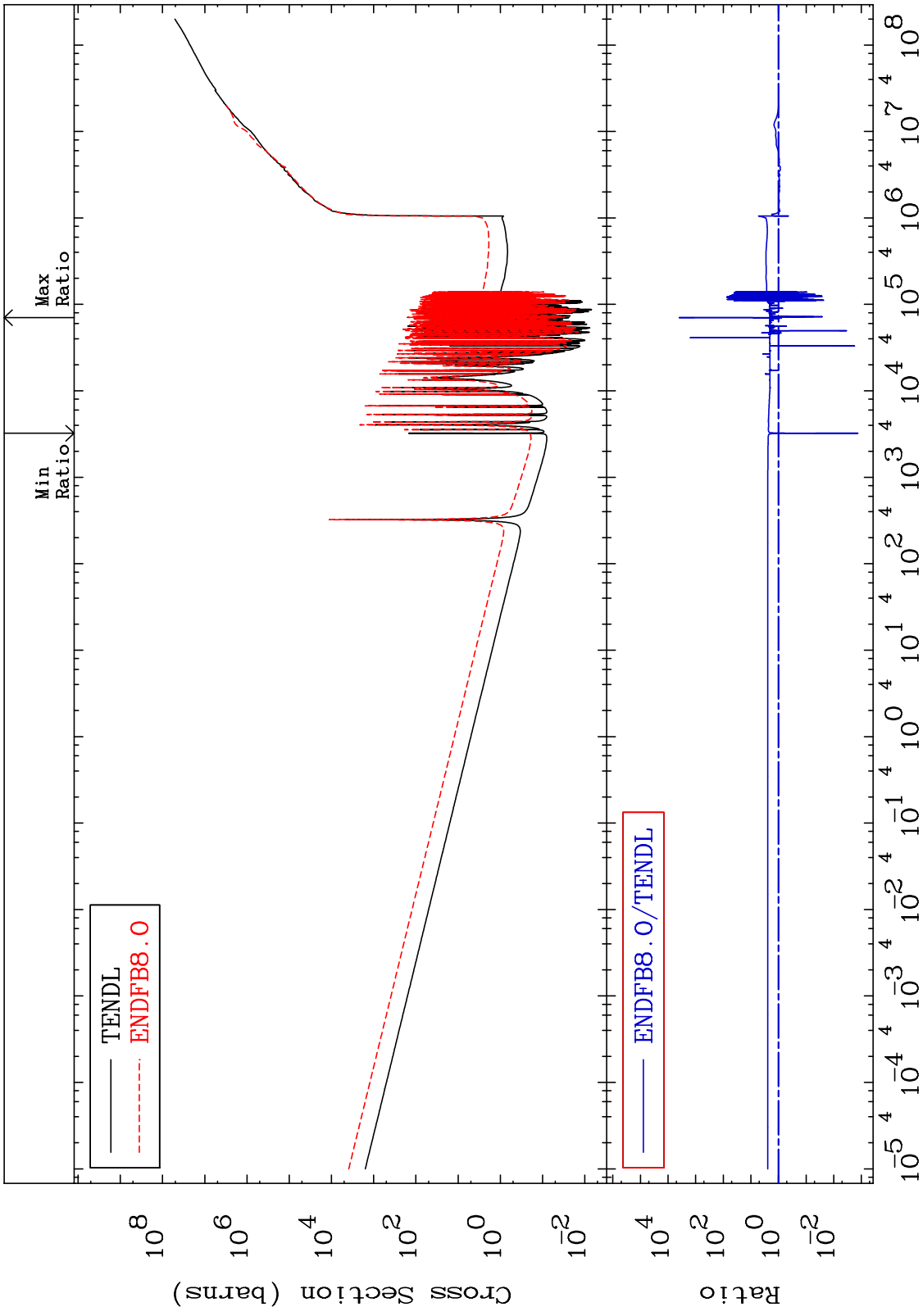
MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-98.67 To 1444. %



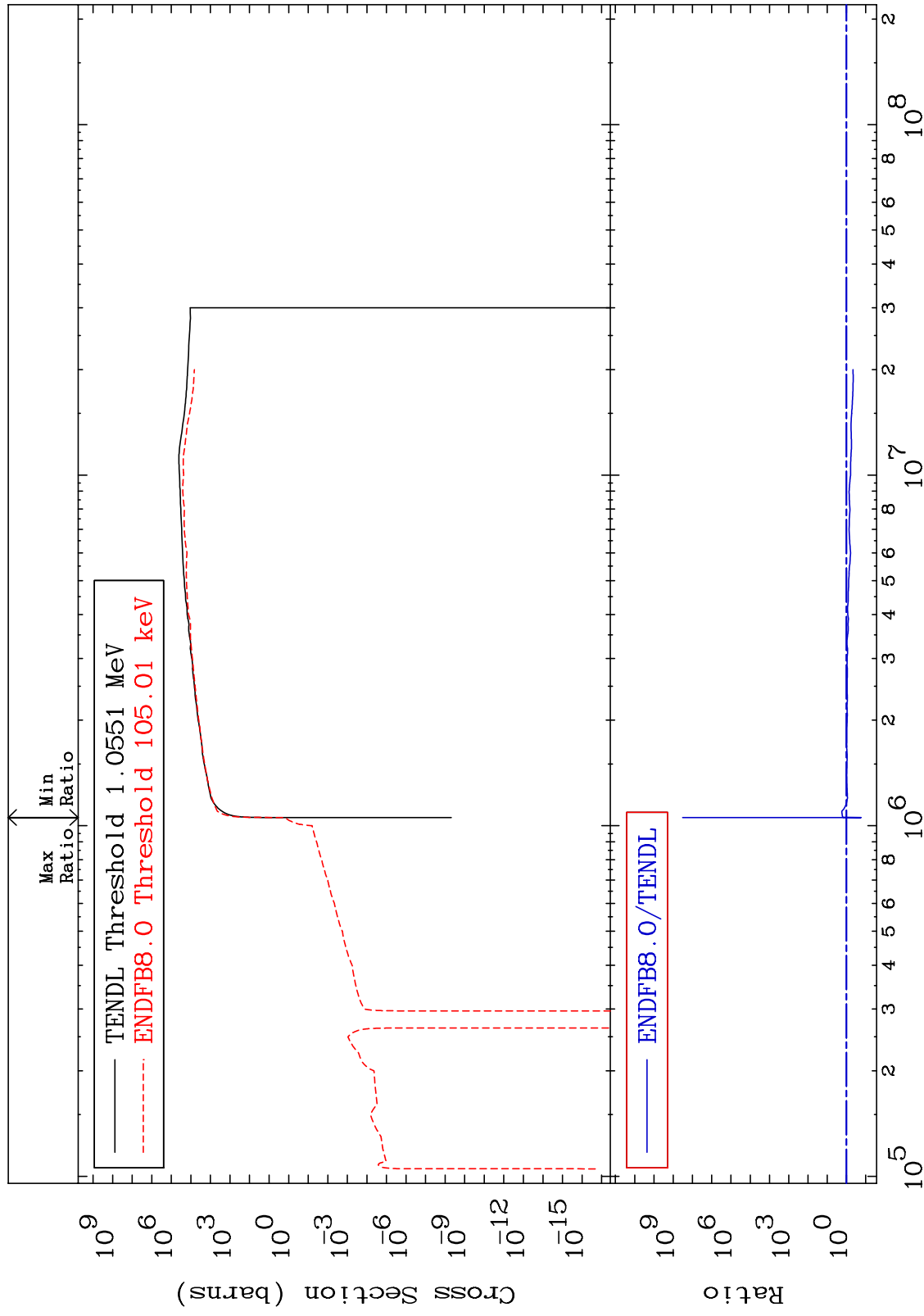
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
 Cross Section -99.87 To 9999. %



MAT 3031

Kerma inelastic (mt51-91)
Cross Section

30-Zn-66
-83.03 To 9999. %



46

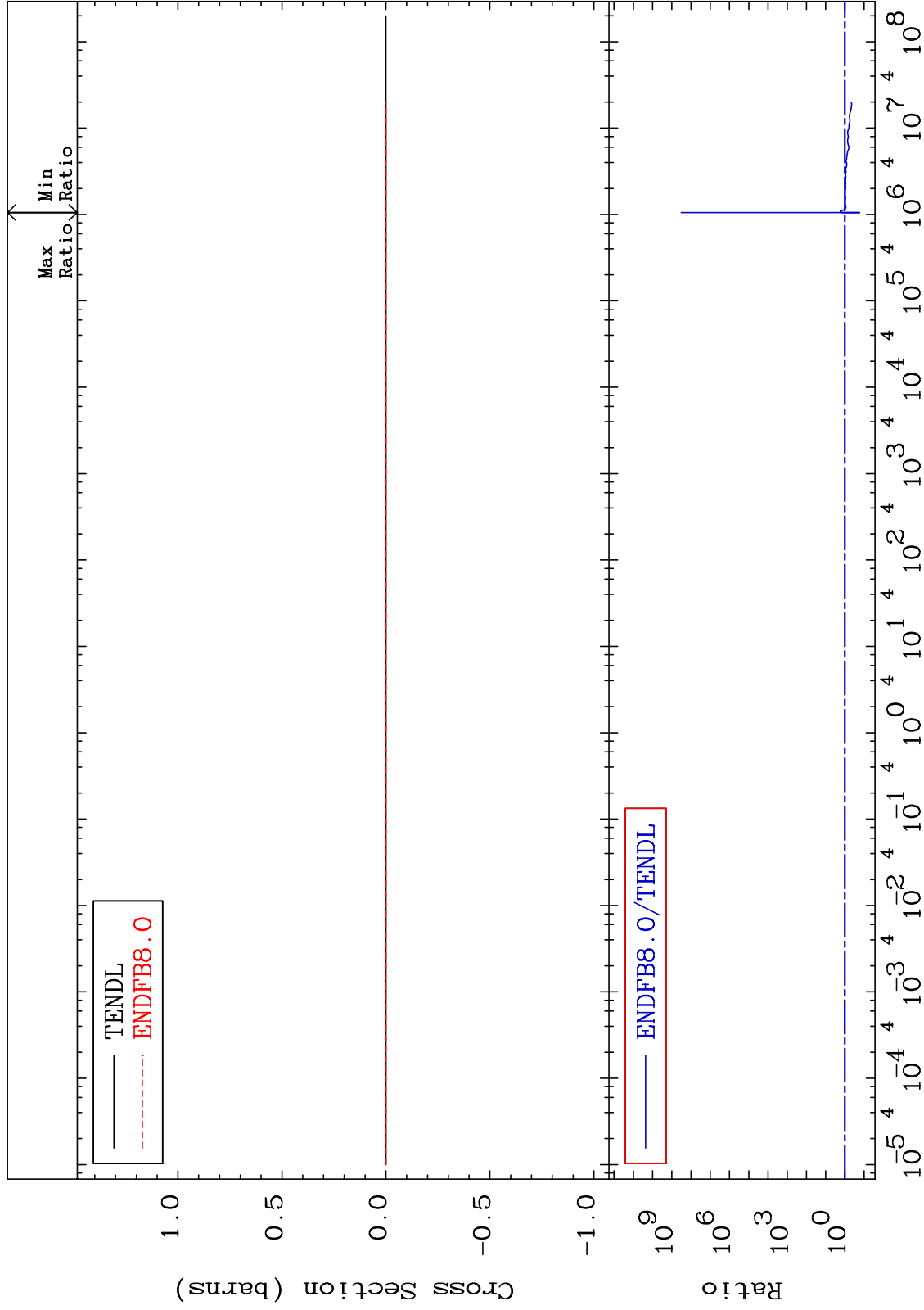
Incident Energy (eV)

30-Zn-66

MAT 3031

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

30-Zn-66
-83.03 To 9999. %



47

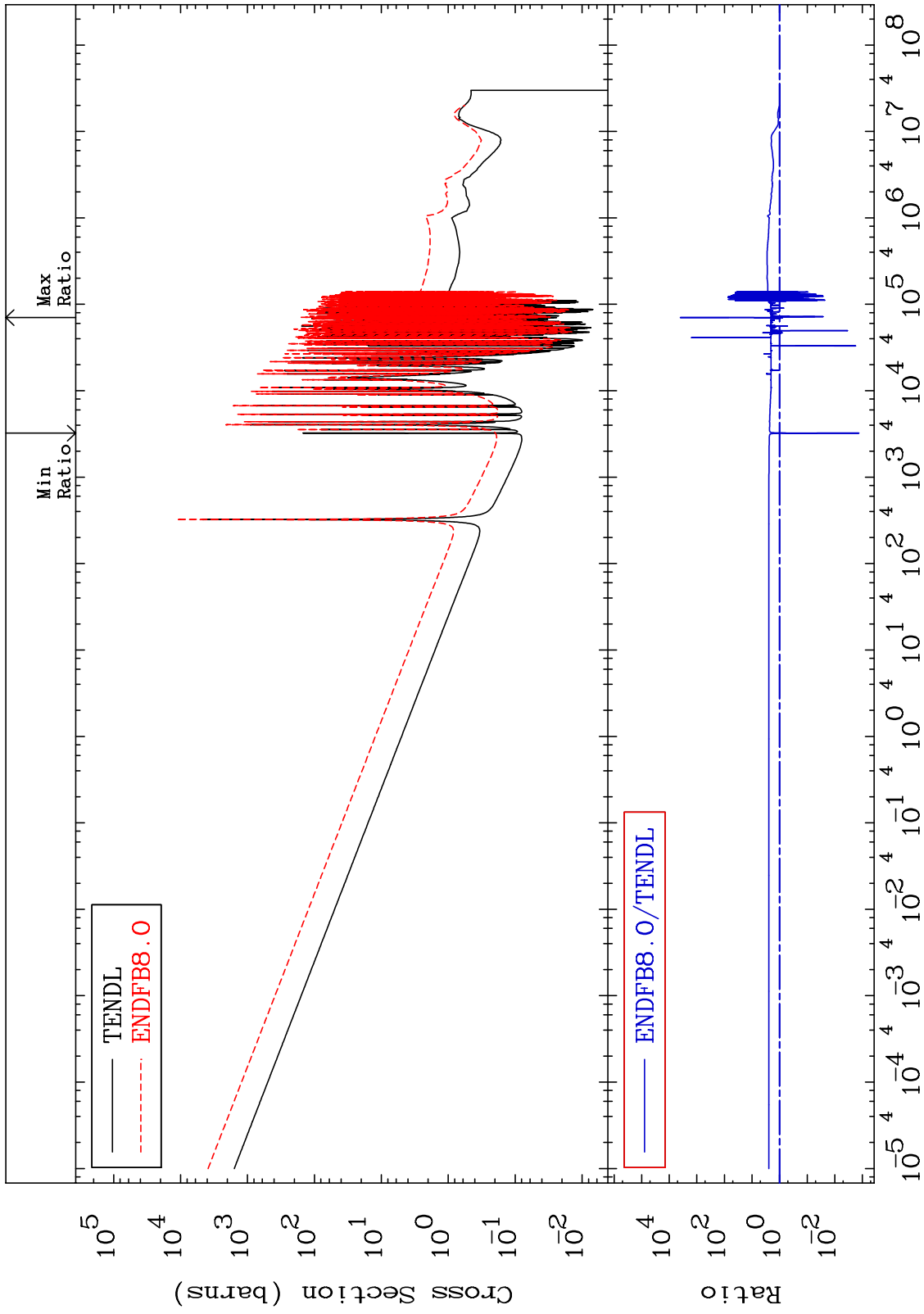
Incident Energy (eV)

30-Zn-66

MAT 3031

Kerma capture (mt102)
Cross Section

30-Zn-66
-99.87 To 9999. %



48

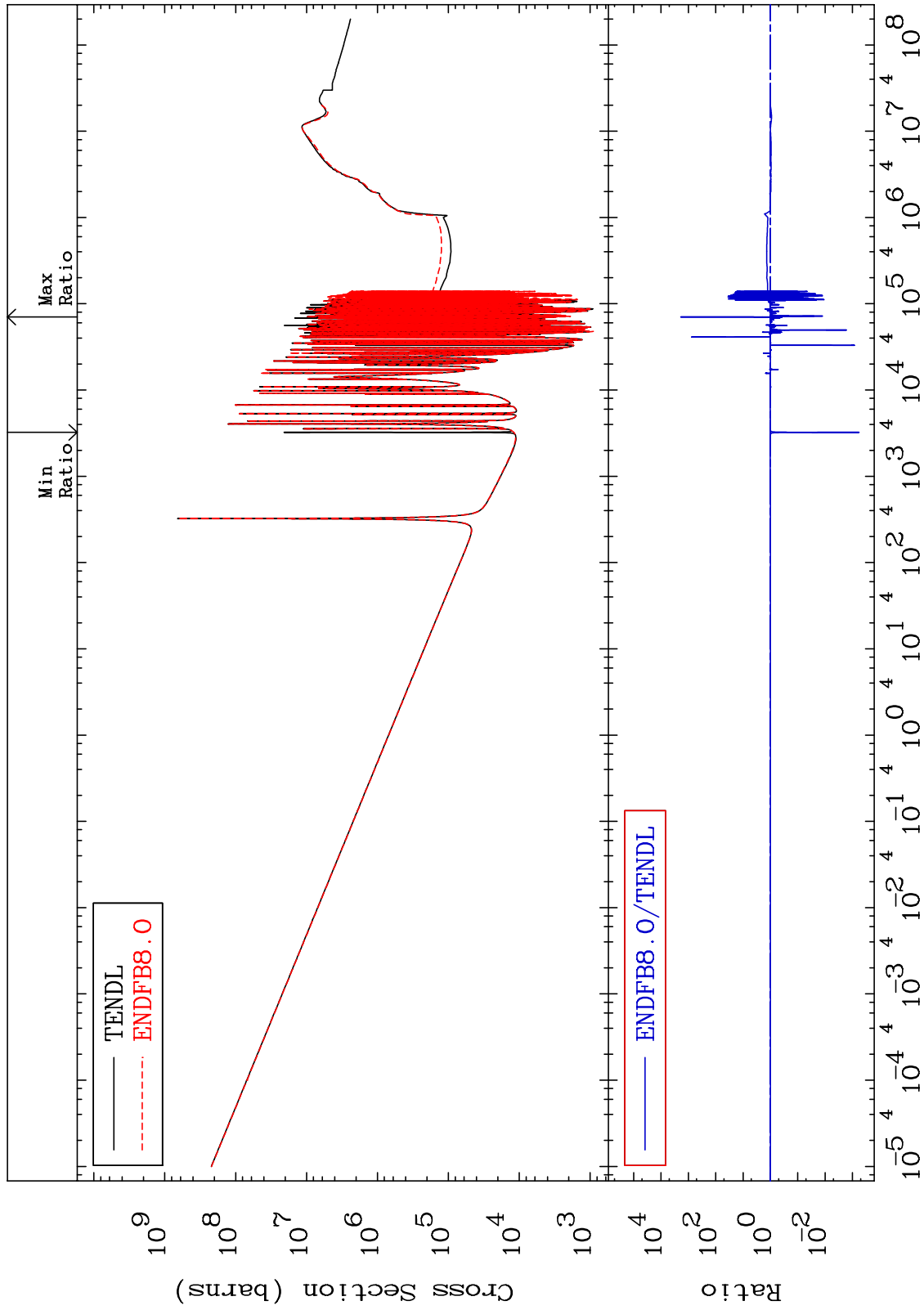
Incident Energy (eV)

30-Zn-66

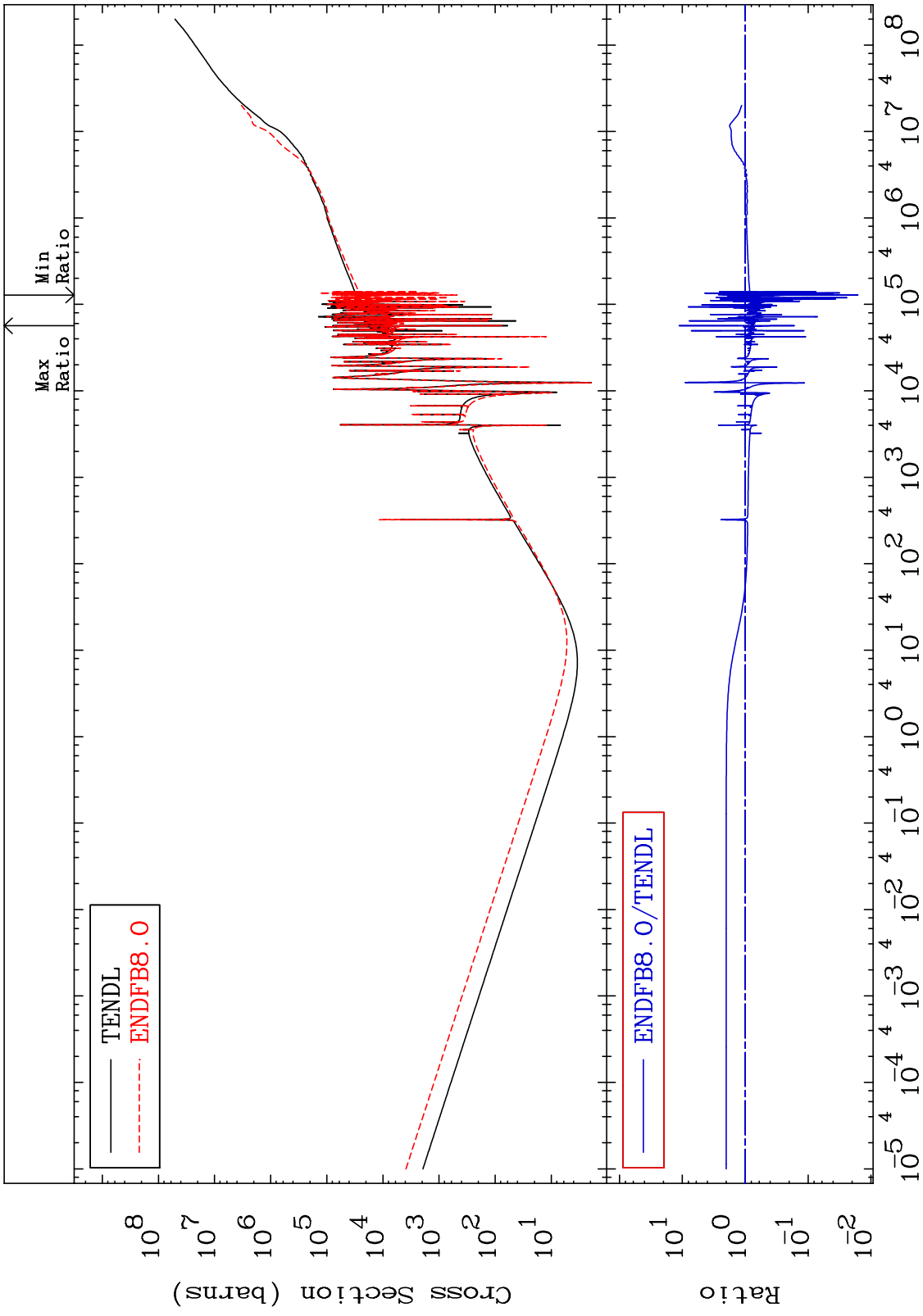
MAT 3031

Total photon (eV-barns)
Cross Section

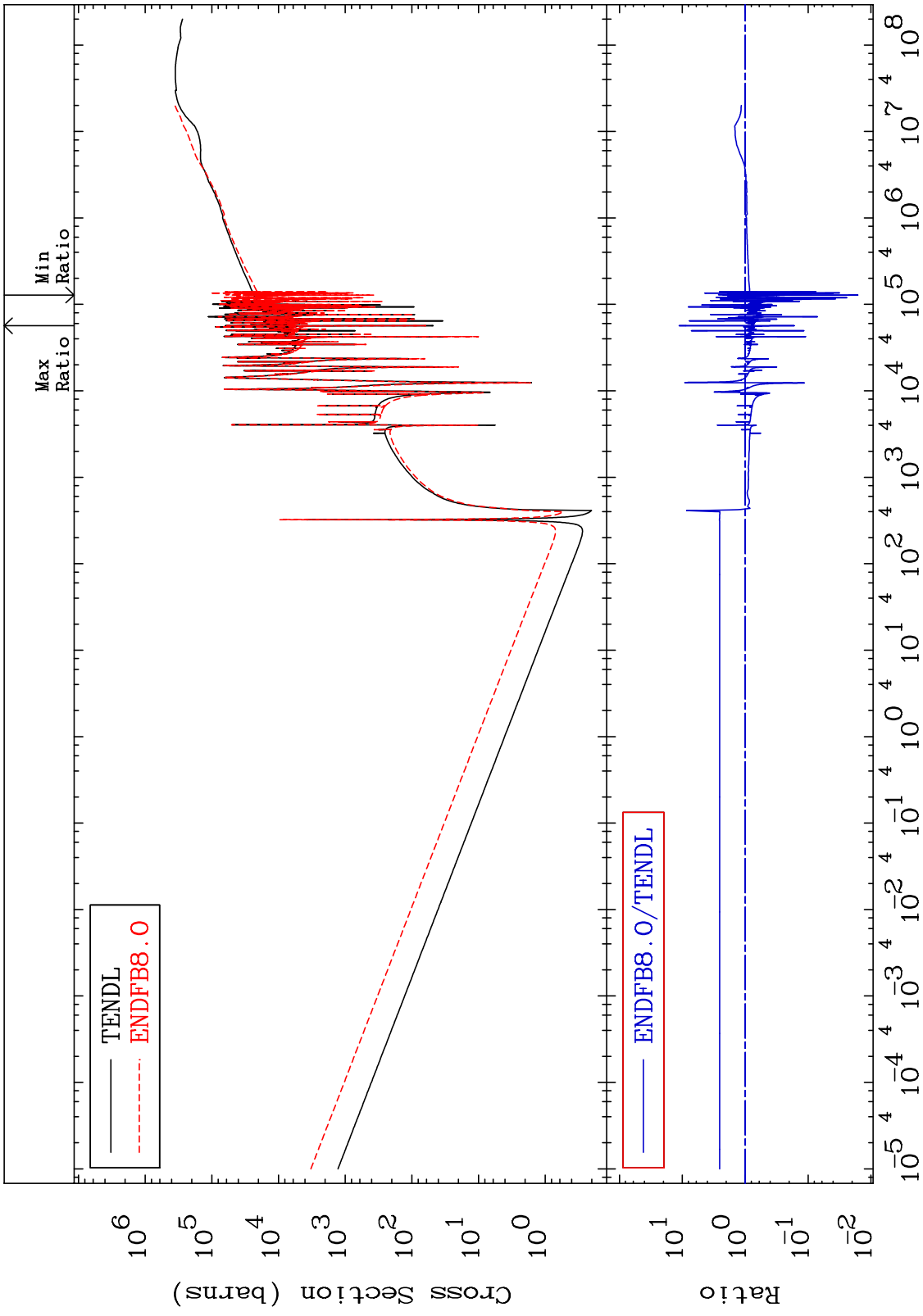
30-Zn-66
-99.94 To 9999. %



MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
 Cross Section -98.38 To 1027. %



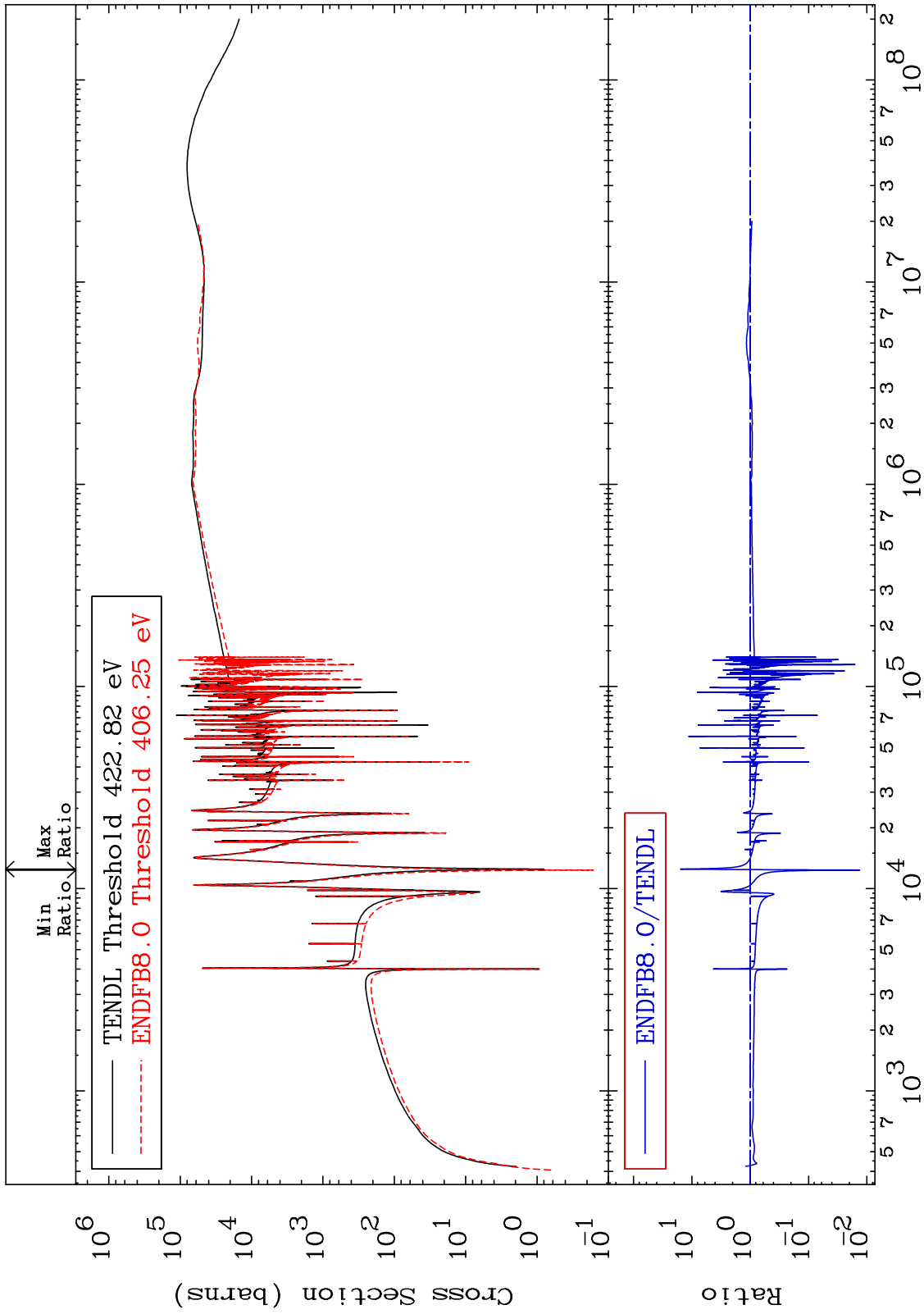
MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -98.38 To 1027. %



MAT 3031

Dpa elastic (mt2)
Cross Section

30-Zn-66
-98.67 To 1444. %



52

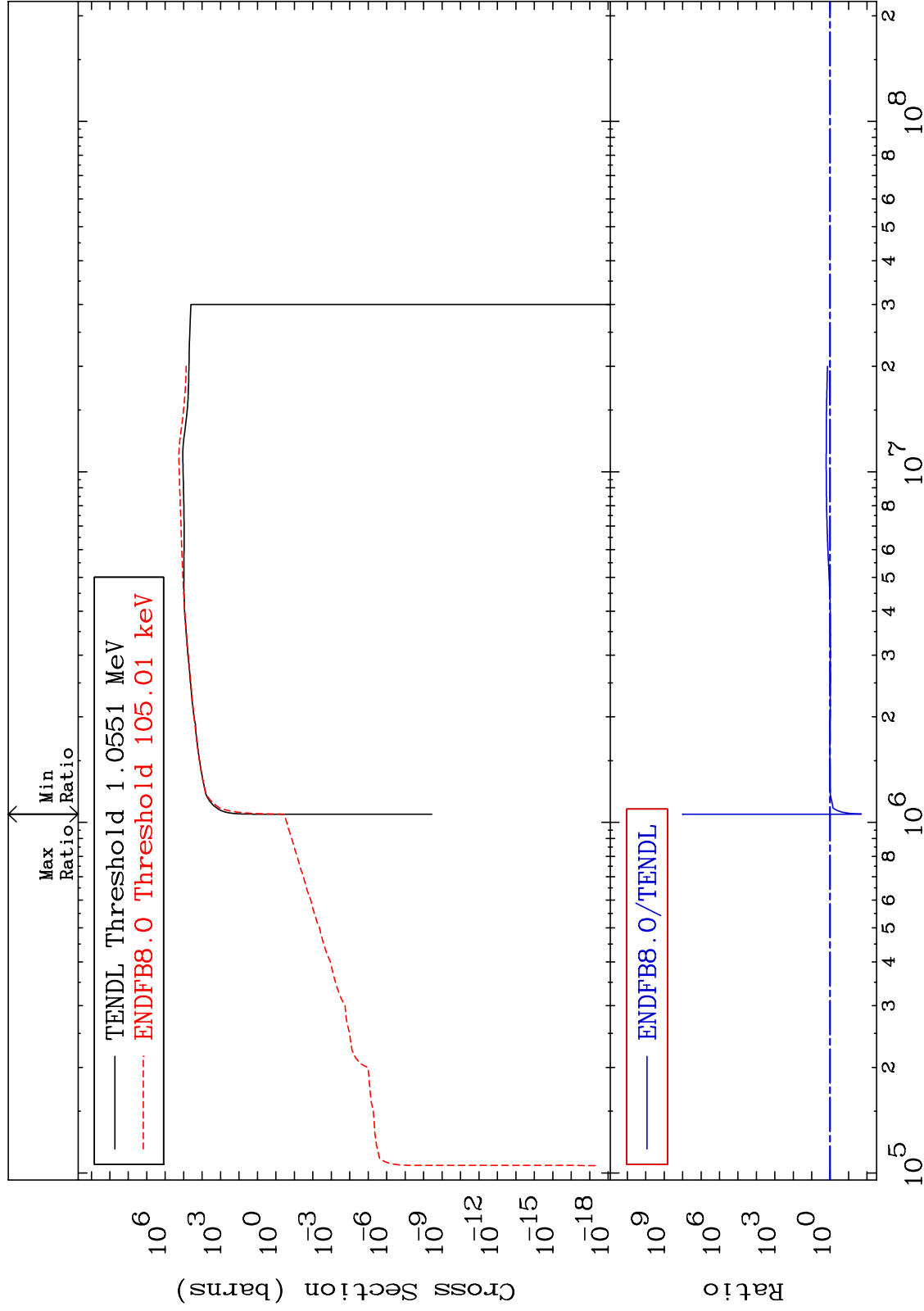
Incident Energy (eV)

30-Zn-66

MAT 3031

Dpa inelastic (mt51-91)
Cross Section

30-Zn-66
-97.97 To 9999. %



53

Incident Energy (eV)

30-Zn-66

MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -99.86 To 9999. %

