

Program Complot
(Version 2018-1)

by

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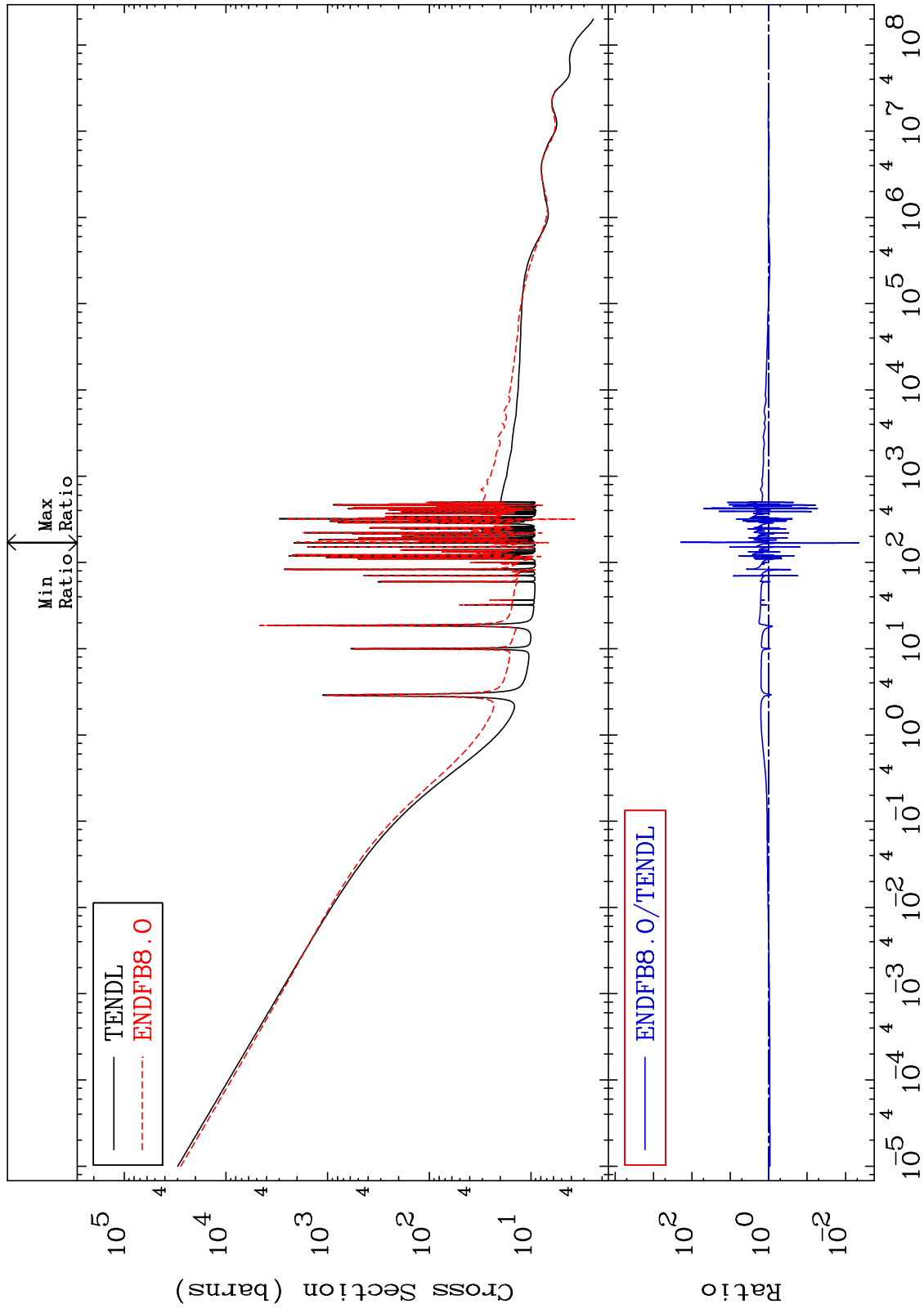
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9434

Total
Cross Section

94-Pu-238
-99.55 To 9999. %



1

Incident Energy (eV)

94-Pu-238

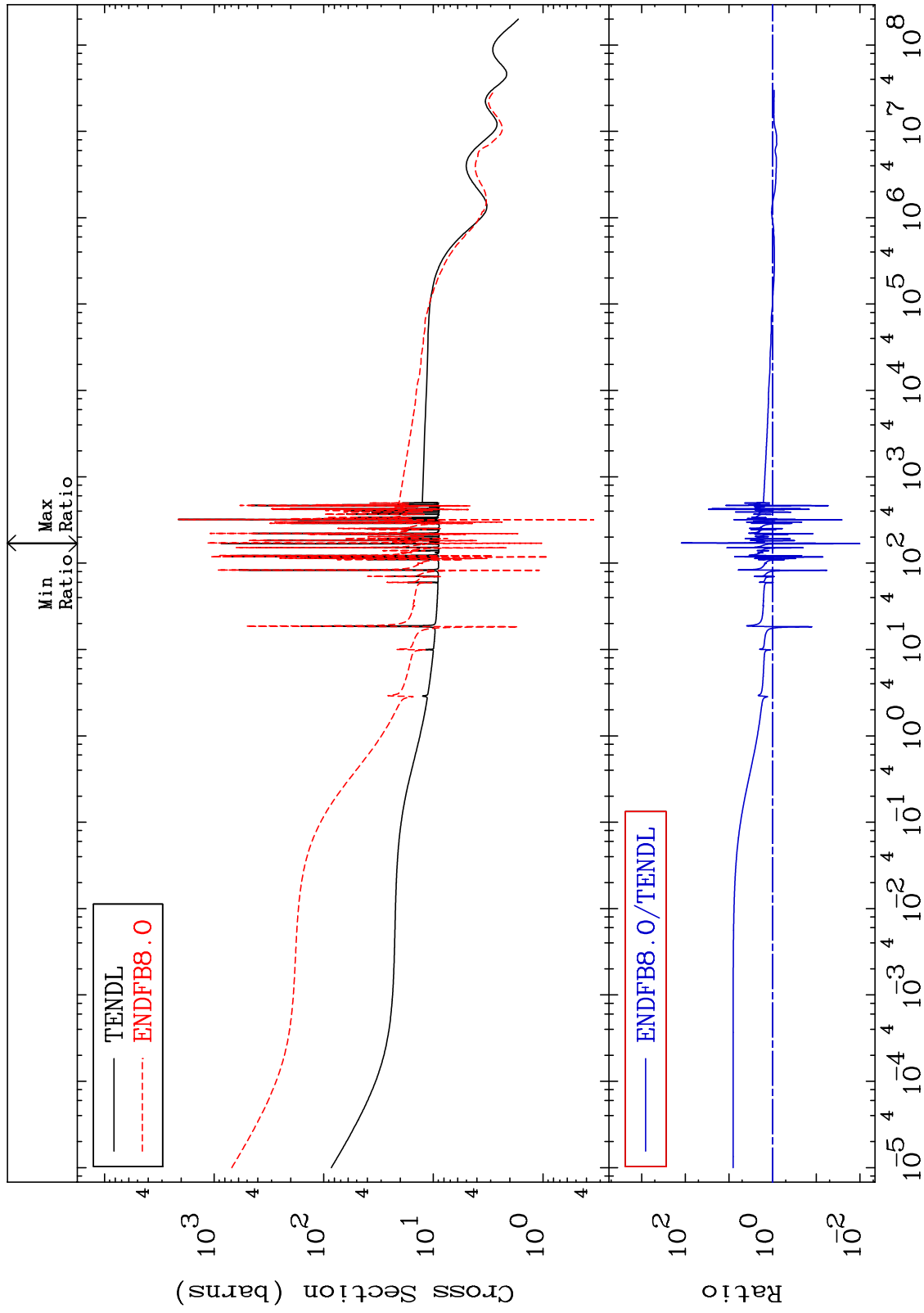
MAT 9434

Elastic

94-Pu-238

Cross Section

-98.99 To 9999. %

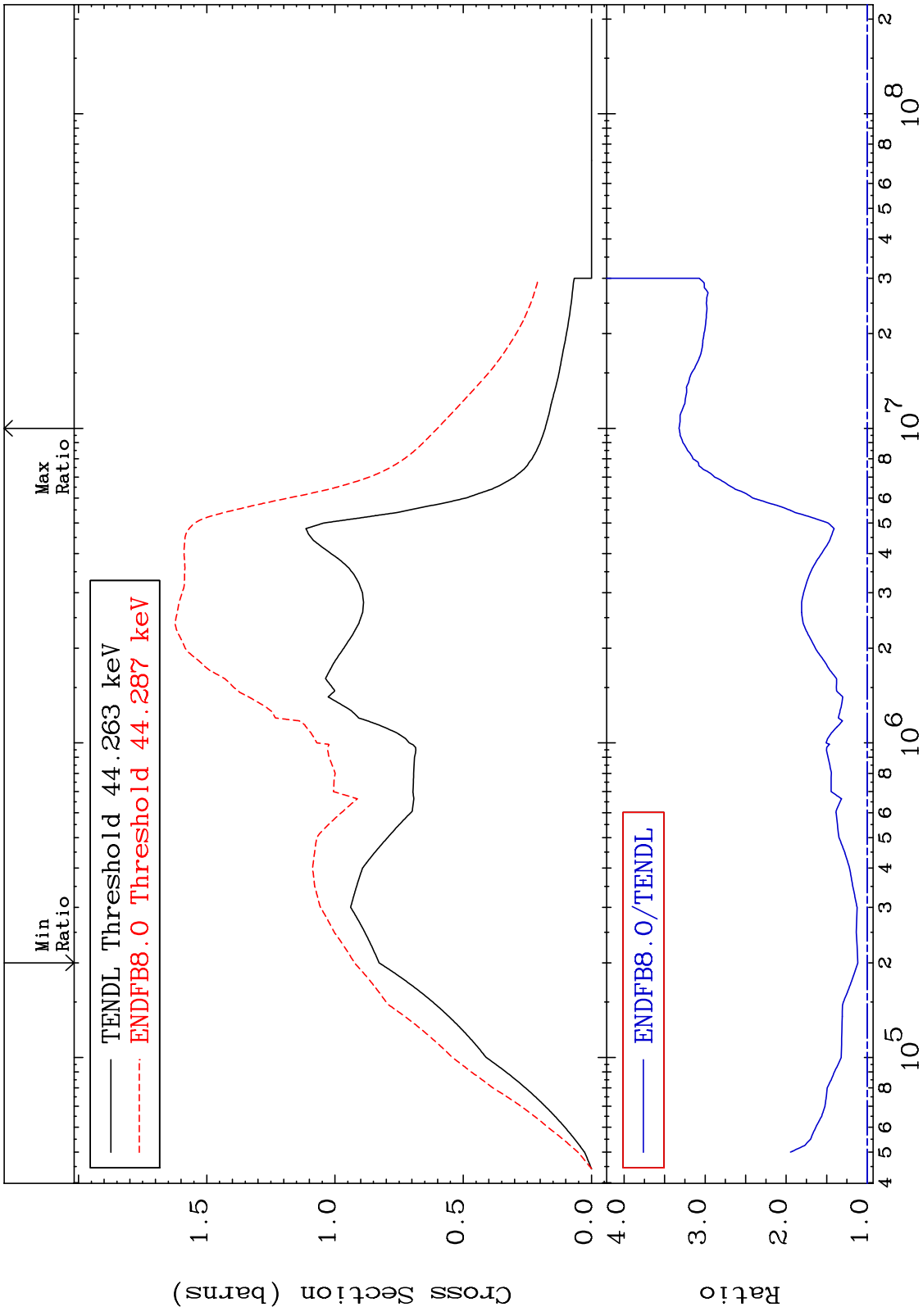


2

Incident Energy (eV)

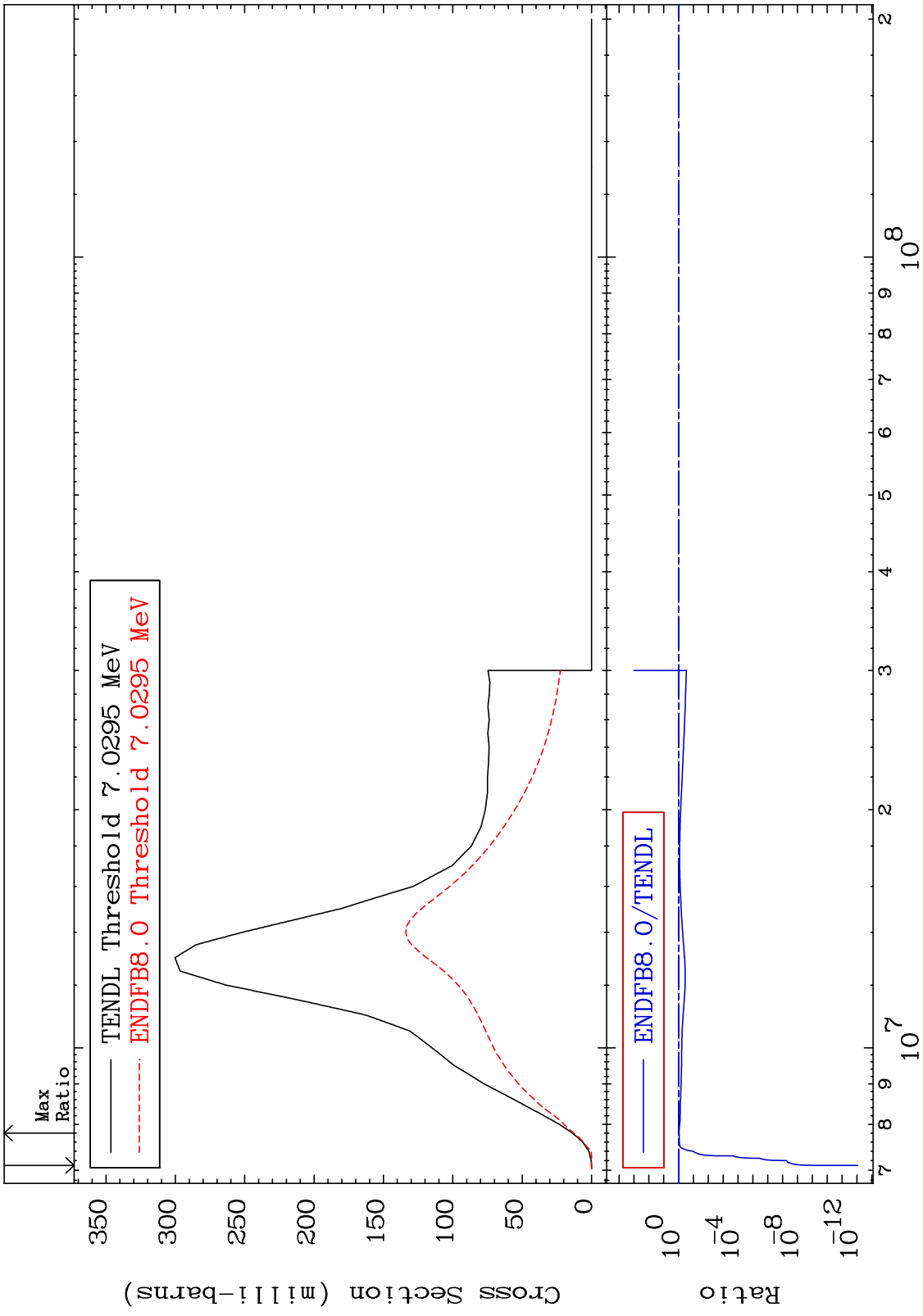
94-Pu-238

MAT 9434 Inelastic Cross Section 94-Pu-238 11.57 To 232.2 %



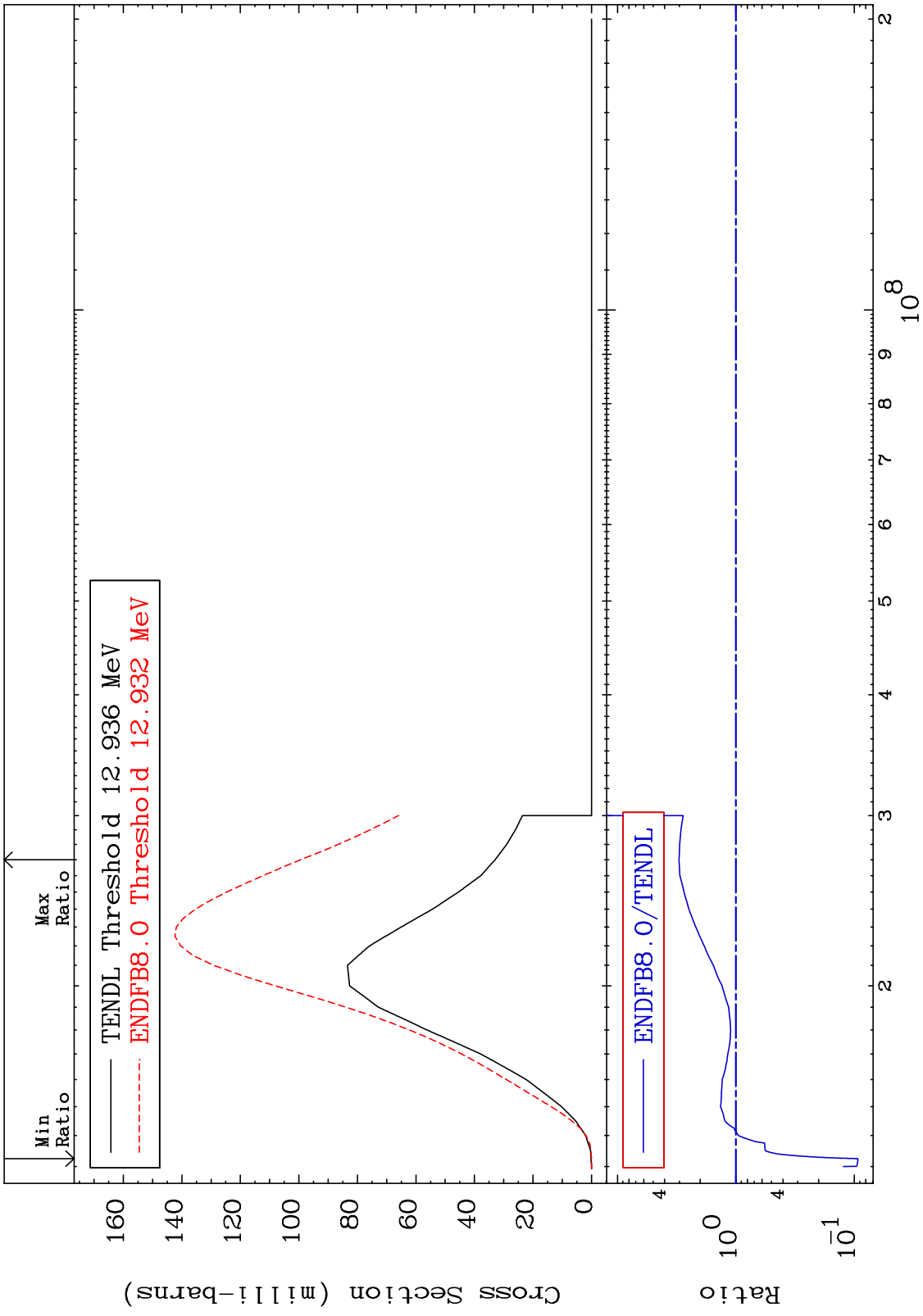
3 Incident Energy (eV) 94-Pu-238

MAT 9434 (n,2n) Cross Section 94-Pu-238 -100.0 To -6.942%



4 94-Pu-238 Incident Energy (eV)

MAT 9434 (n,3n) 94-Pu-238
 Cross Section -90.67 To 201.8 %



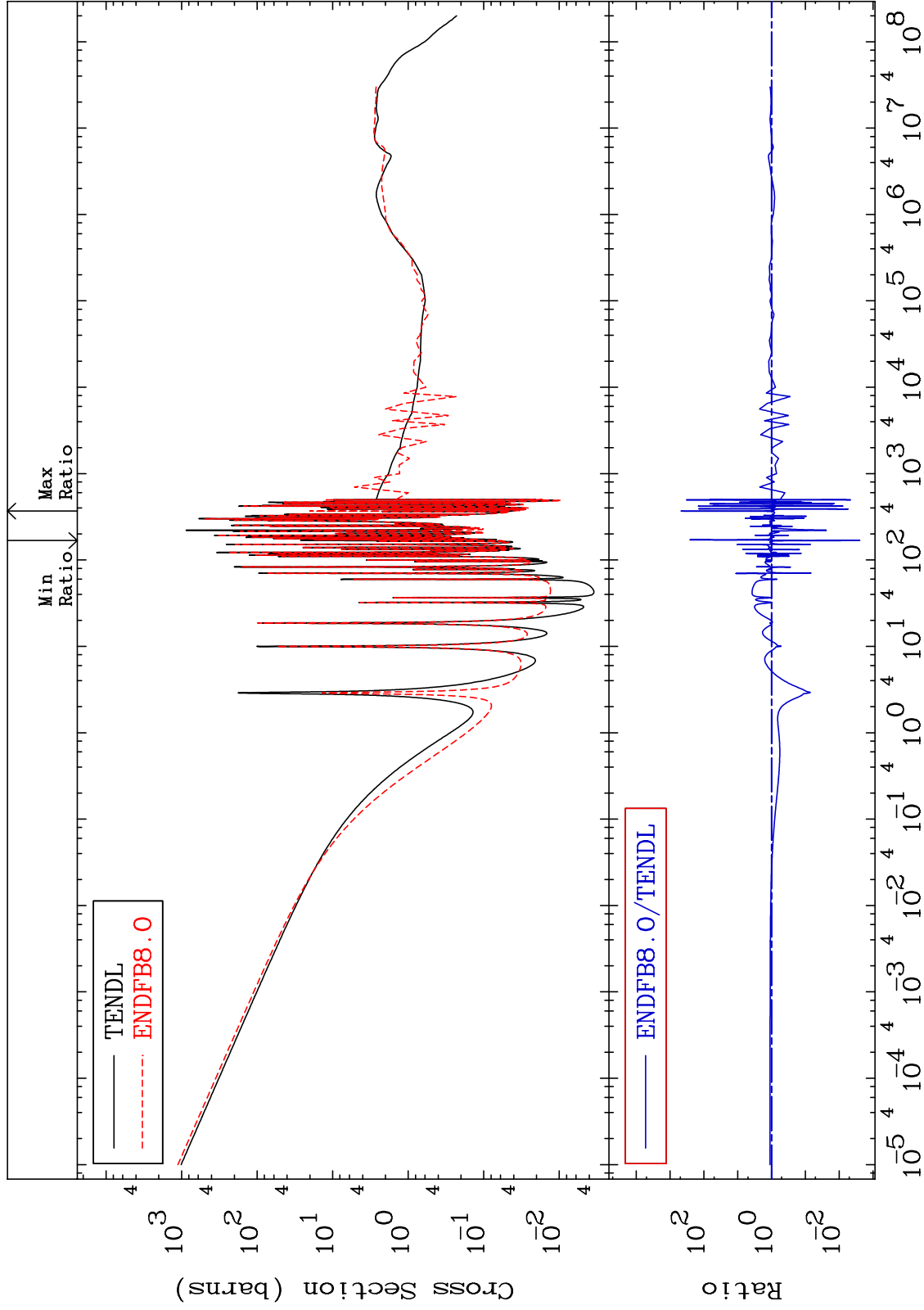
MAT 9434

Fission

94-Pu-238

Cross Section

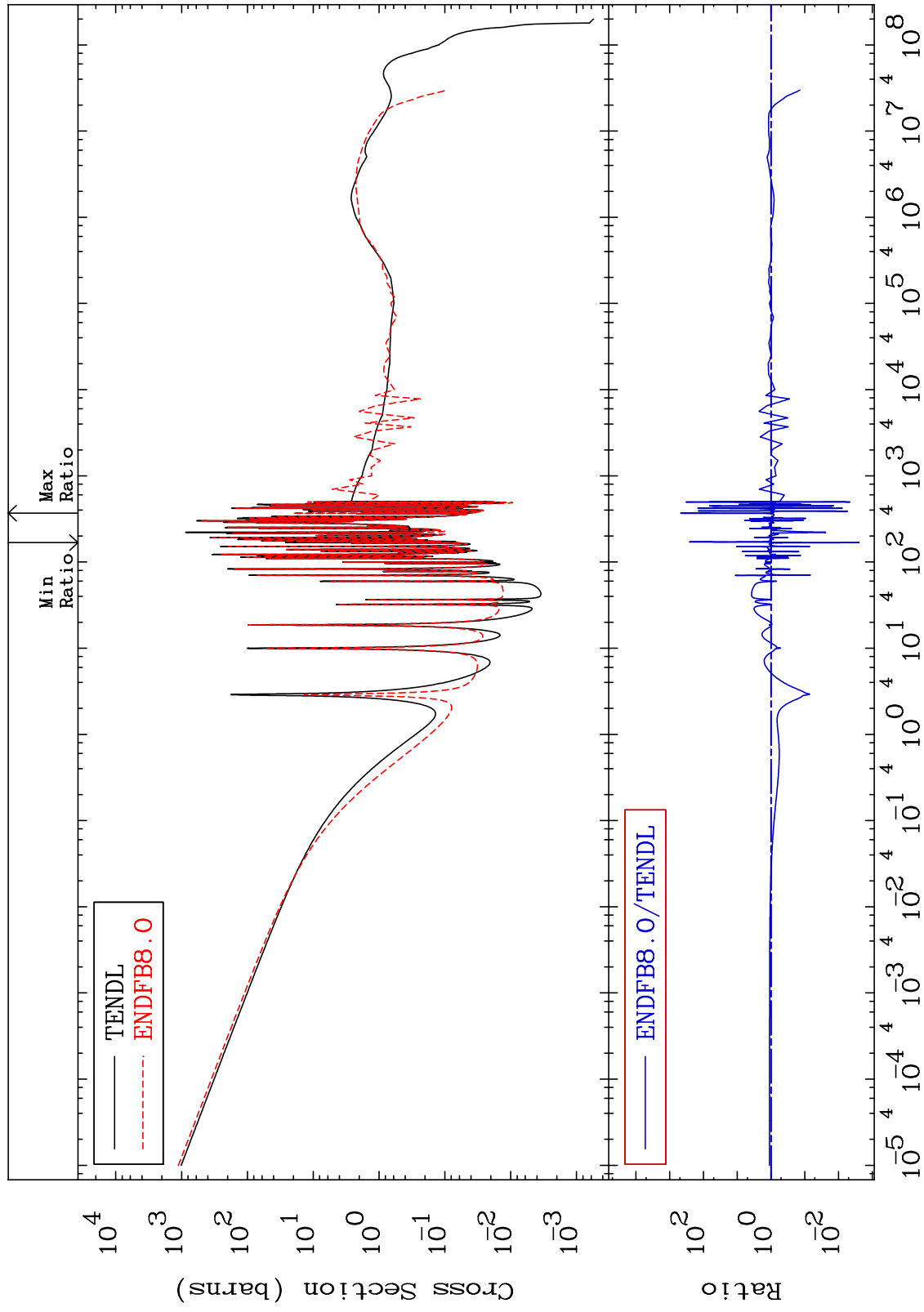
-99.75 To 9999. %



MAT 9434

(n,f) First Chance
Cross Section

94-Pu-238
-99.75 To 9999. %

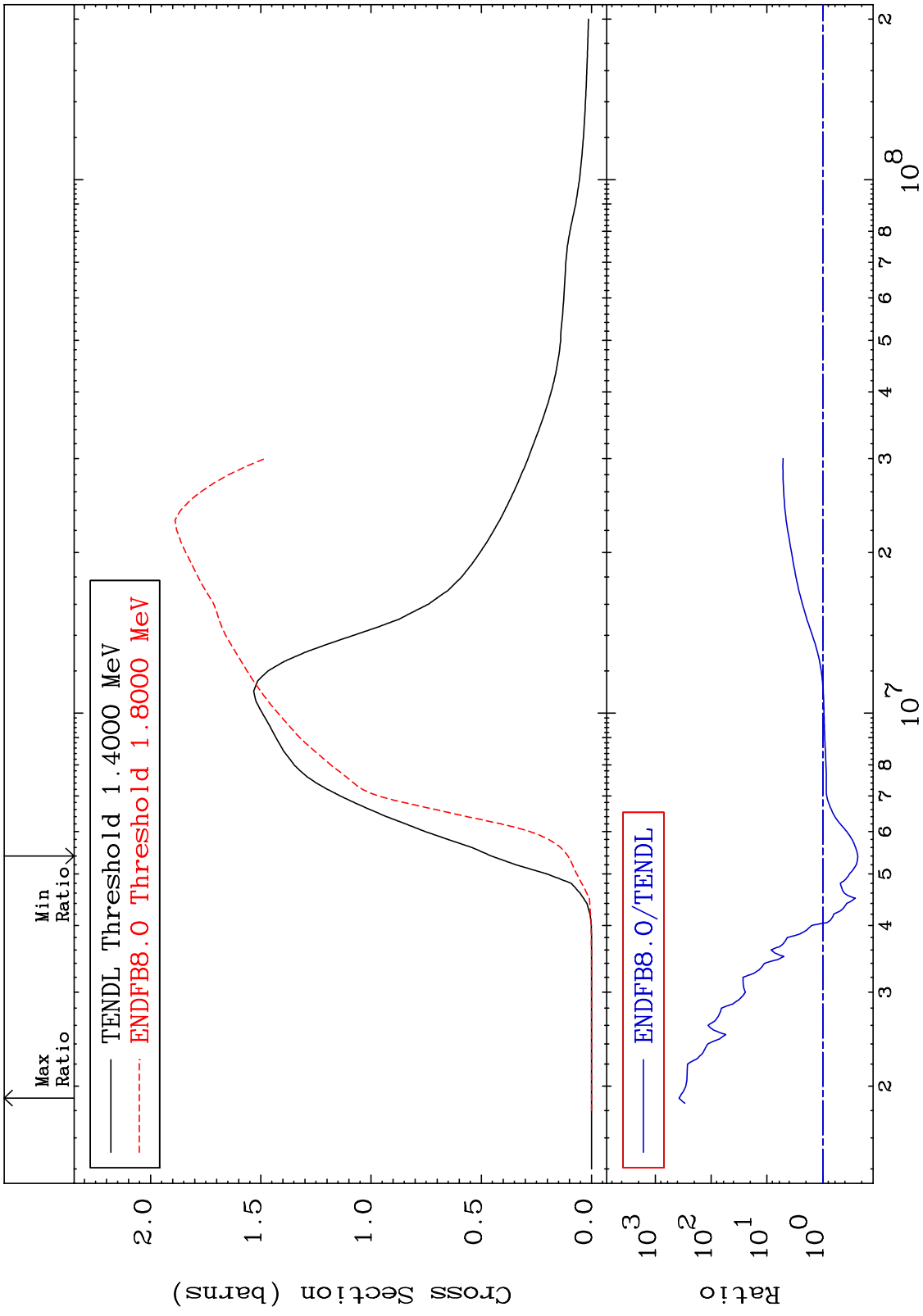


7

Incident Energy (eV)

94-Pu-238

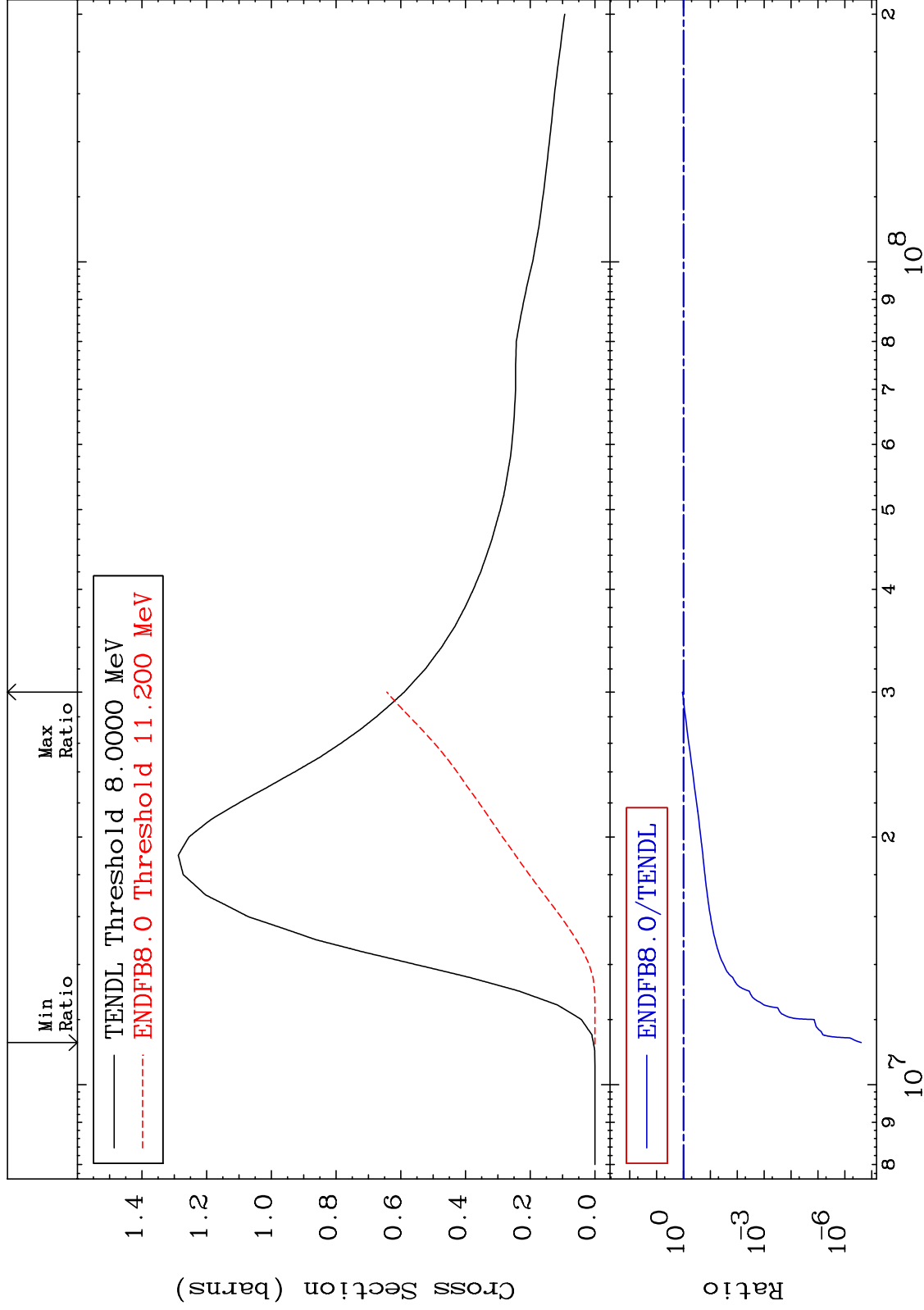
MAT 9434 (n,nf) Second Chance Cross Section 94-Pu-238 -76.46 To 9999. %



MAT 9434

(n,2nf) Third Chance
Cross Section

94-Pu-238
-100.0 To 9.171 %



9

Incident Energy (eV)

94-Pu-238

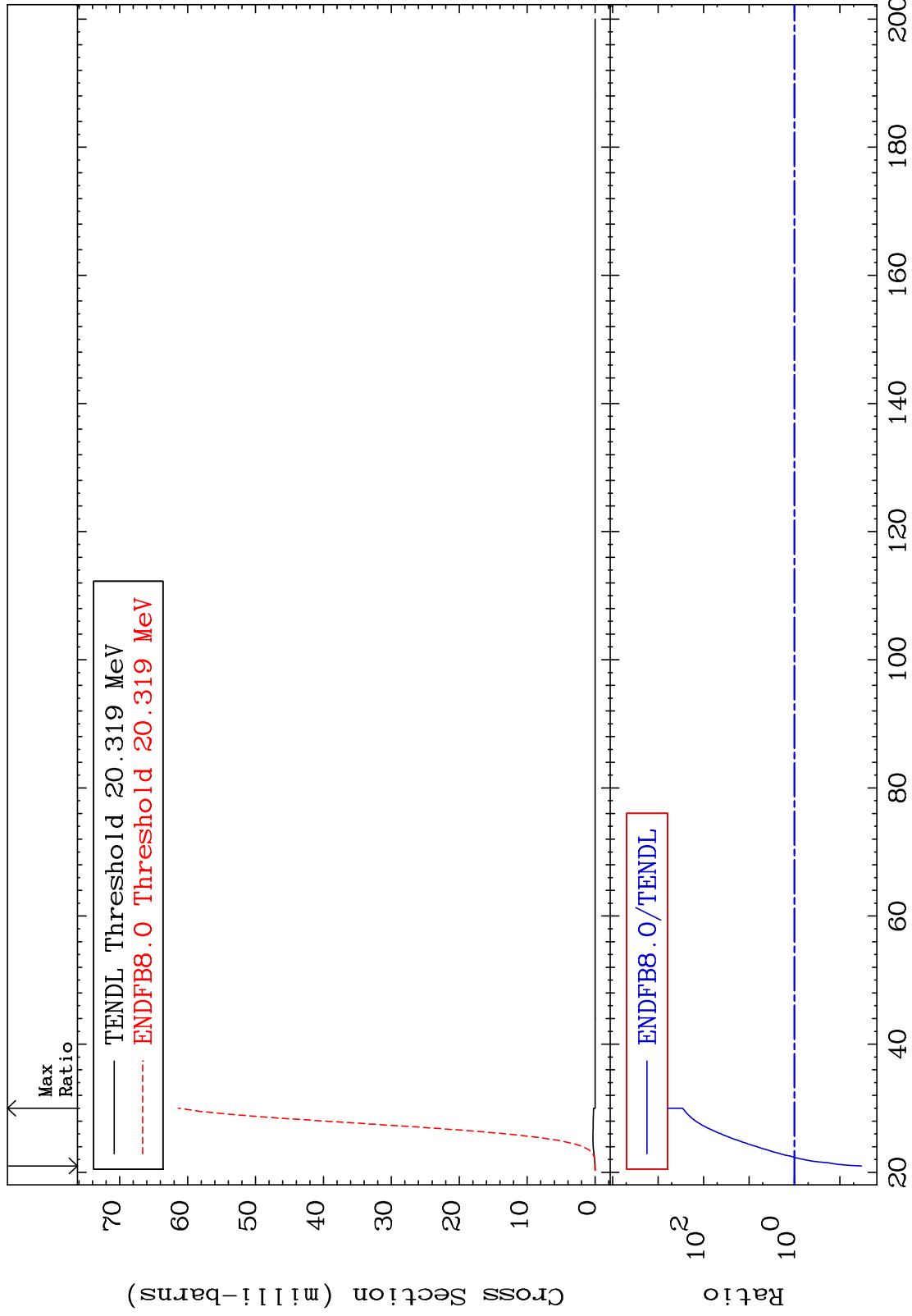
MAT 9434

(n,4n)

94-Pu-238

Cross Section

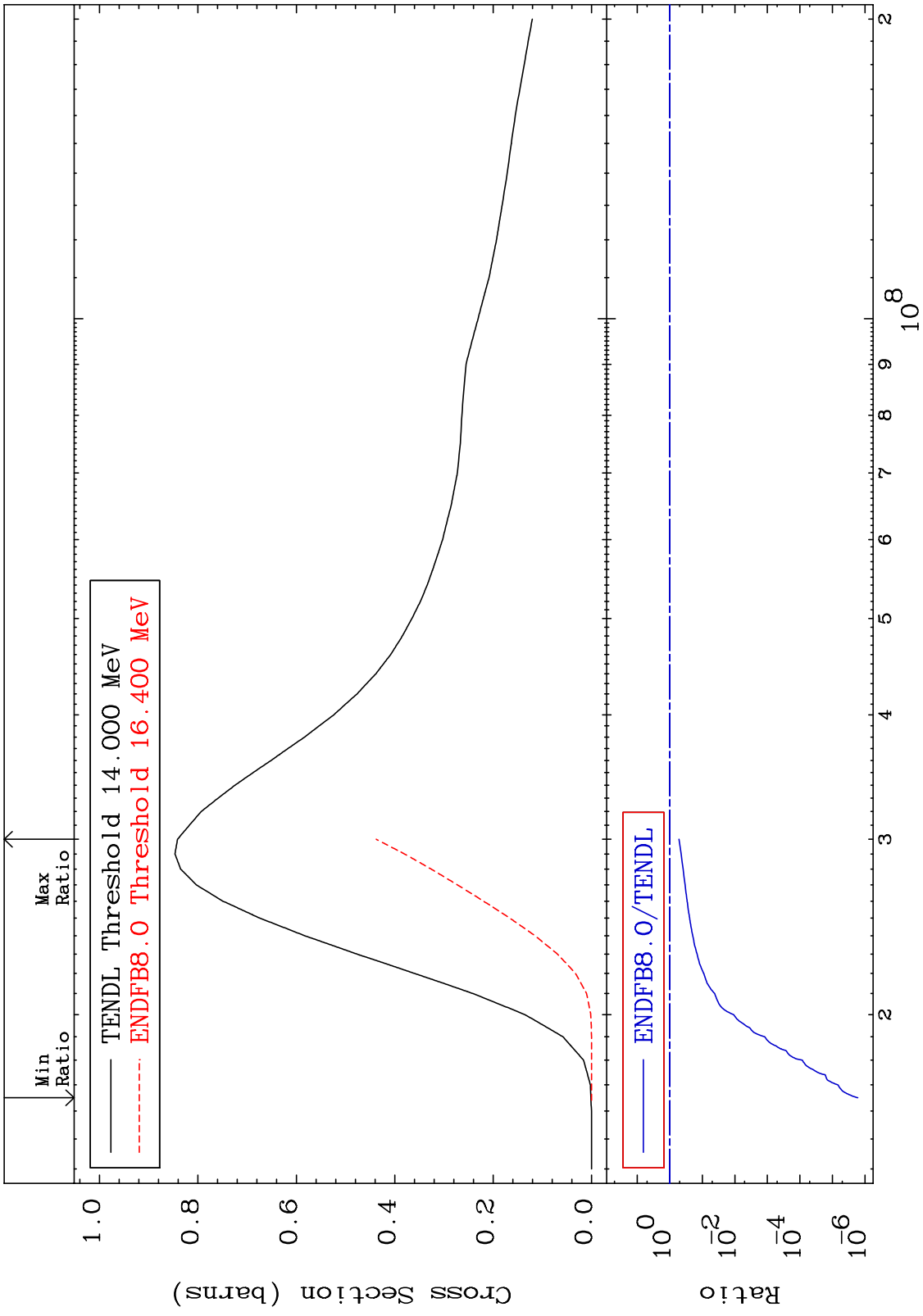
-96.65 To 9999. %



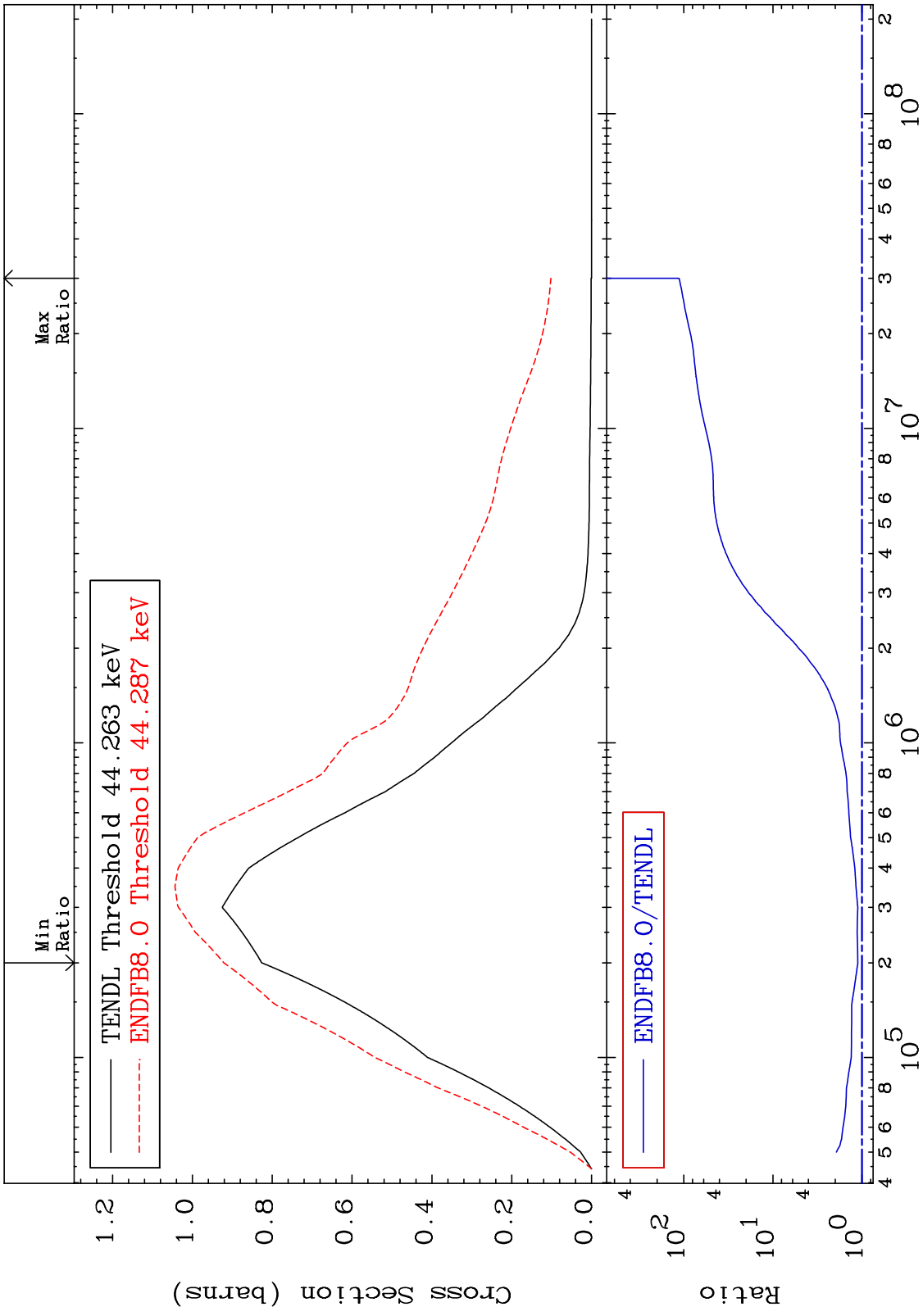
10

94-Pu-238

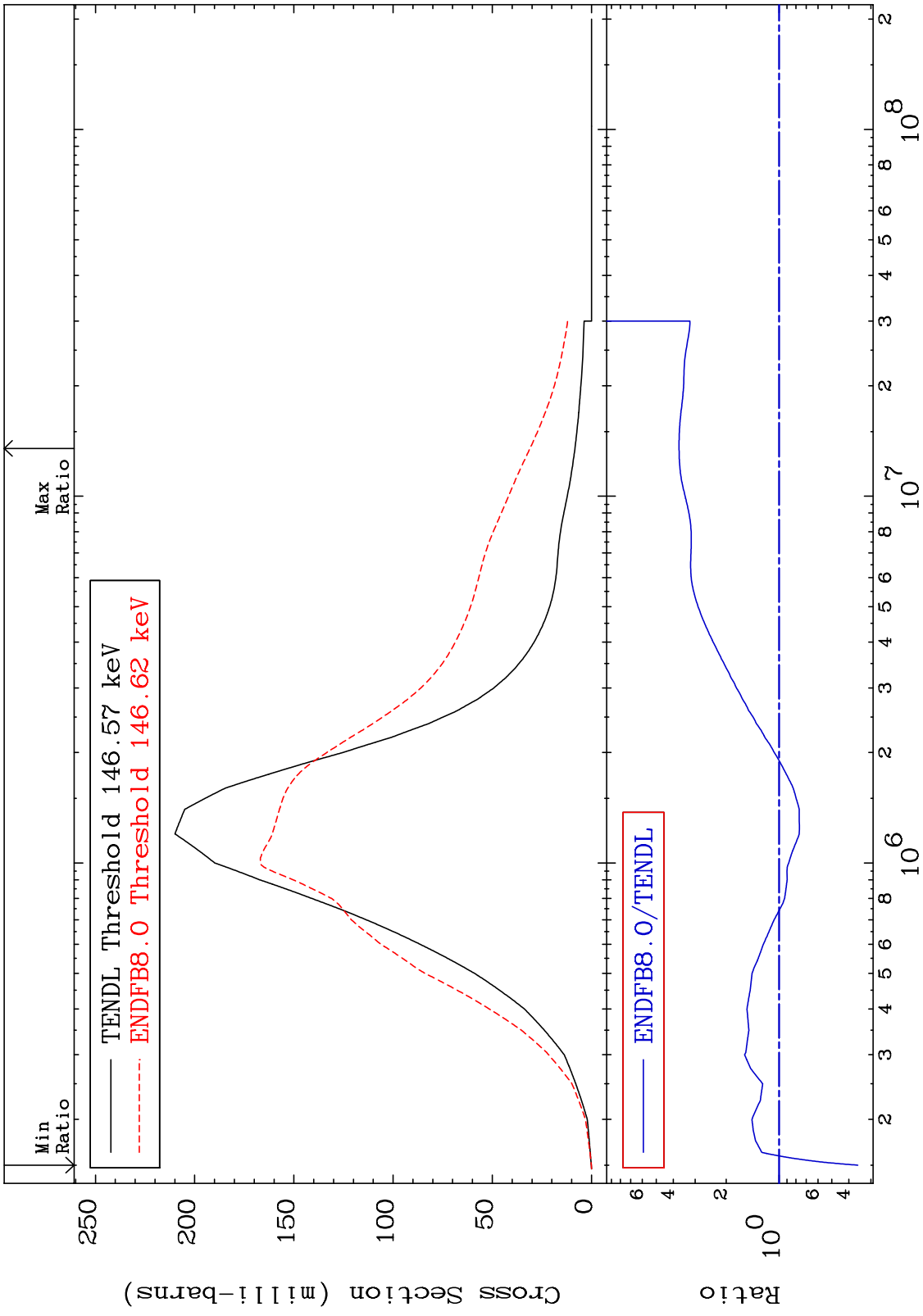
MAT 9434 (n,3nf) Fourth Chance Cross Section 94-Pu-238 -100.0 To -47.98%



MAT 9434 MT= 51 (n,n') Level Cross Section 94-Pu-238
 11.49 To 9999. %

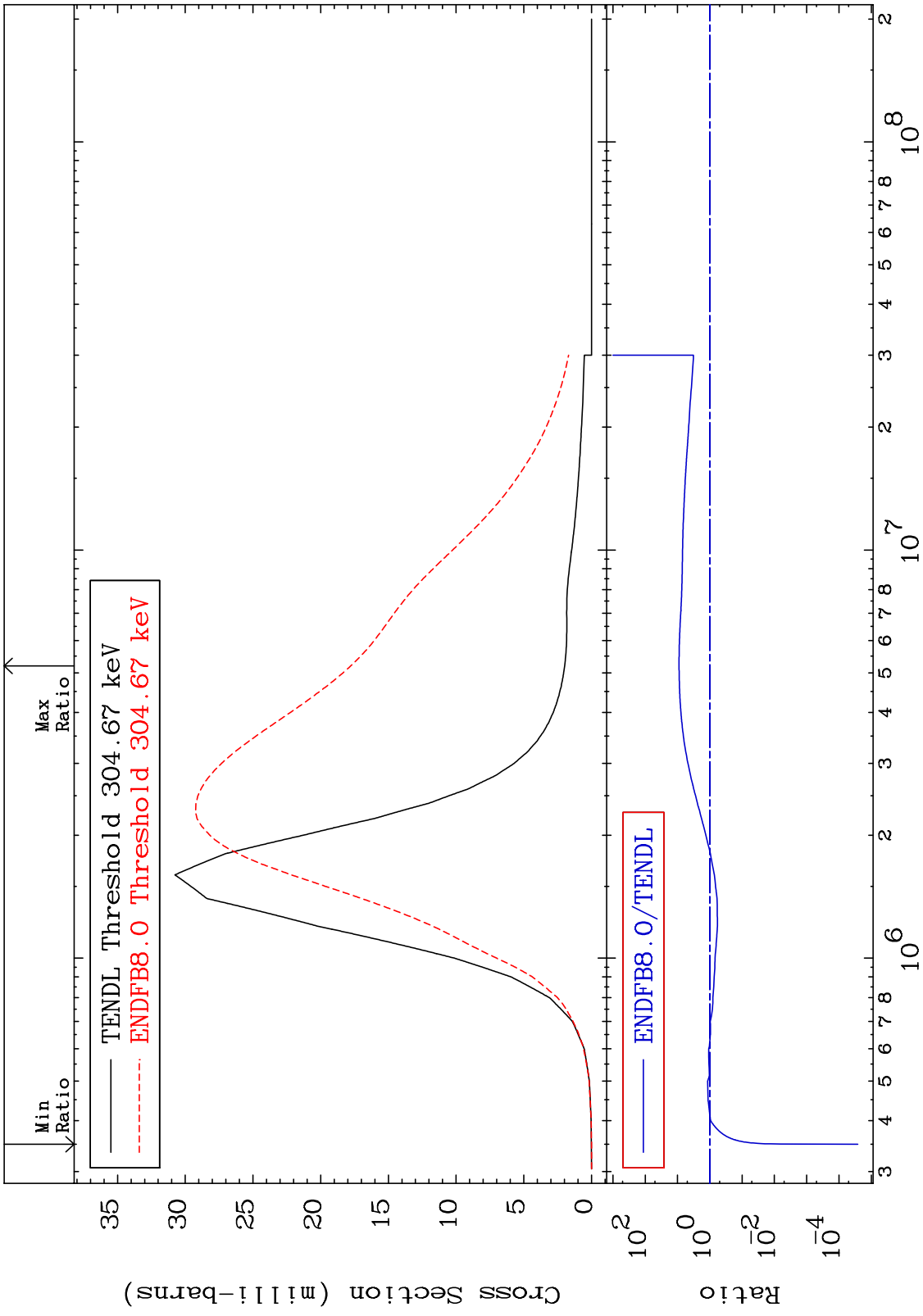


MAT 9434 MT= 52 (n,n') Level Cross Section 94-Pu-238
 -64.42 To 270.8 %

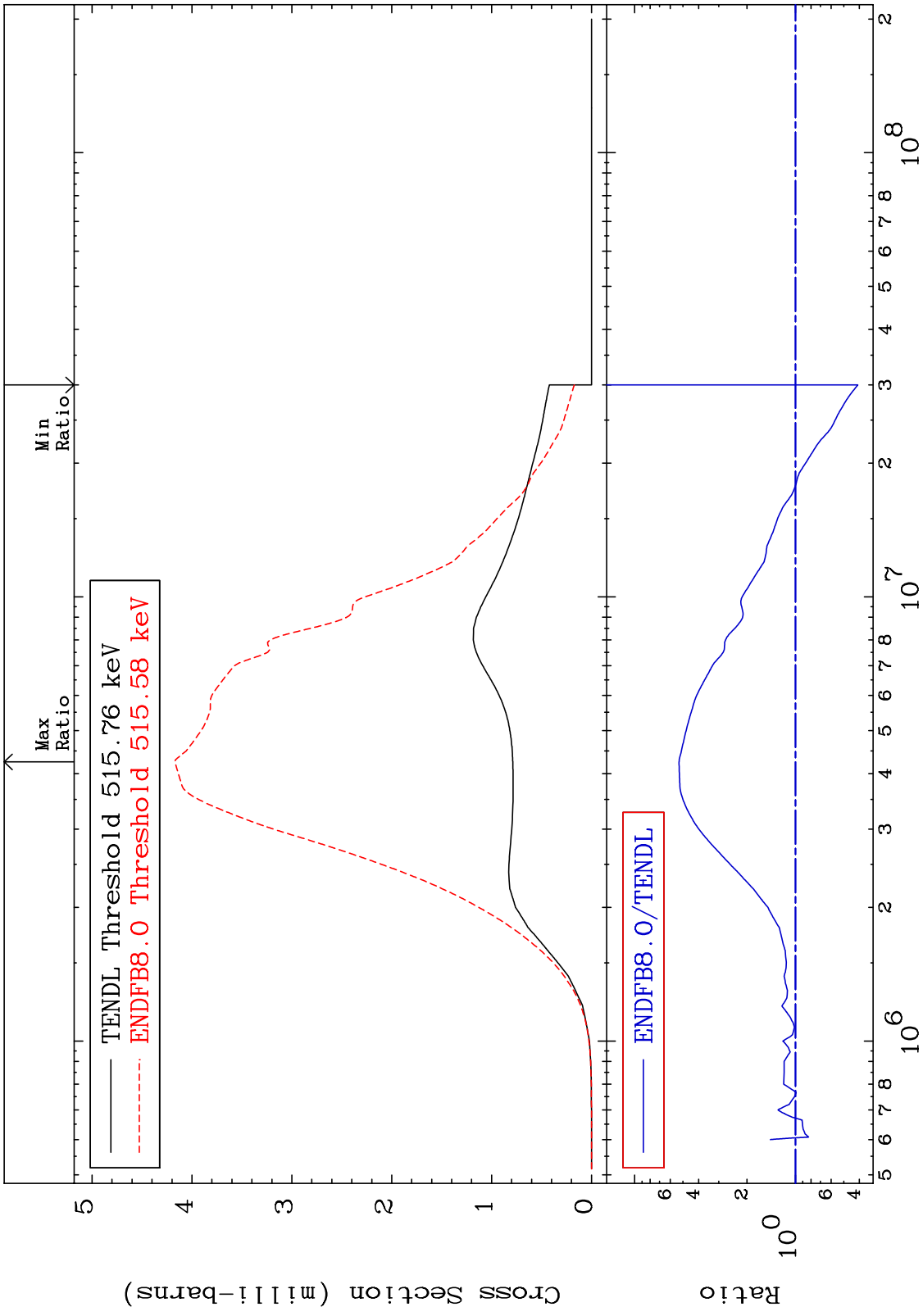


13 94-Pu-238

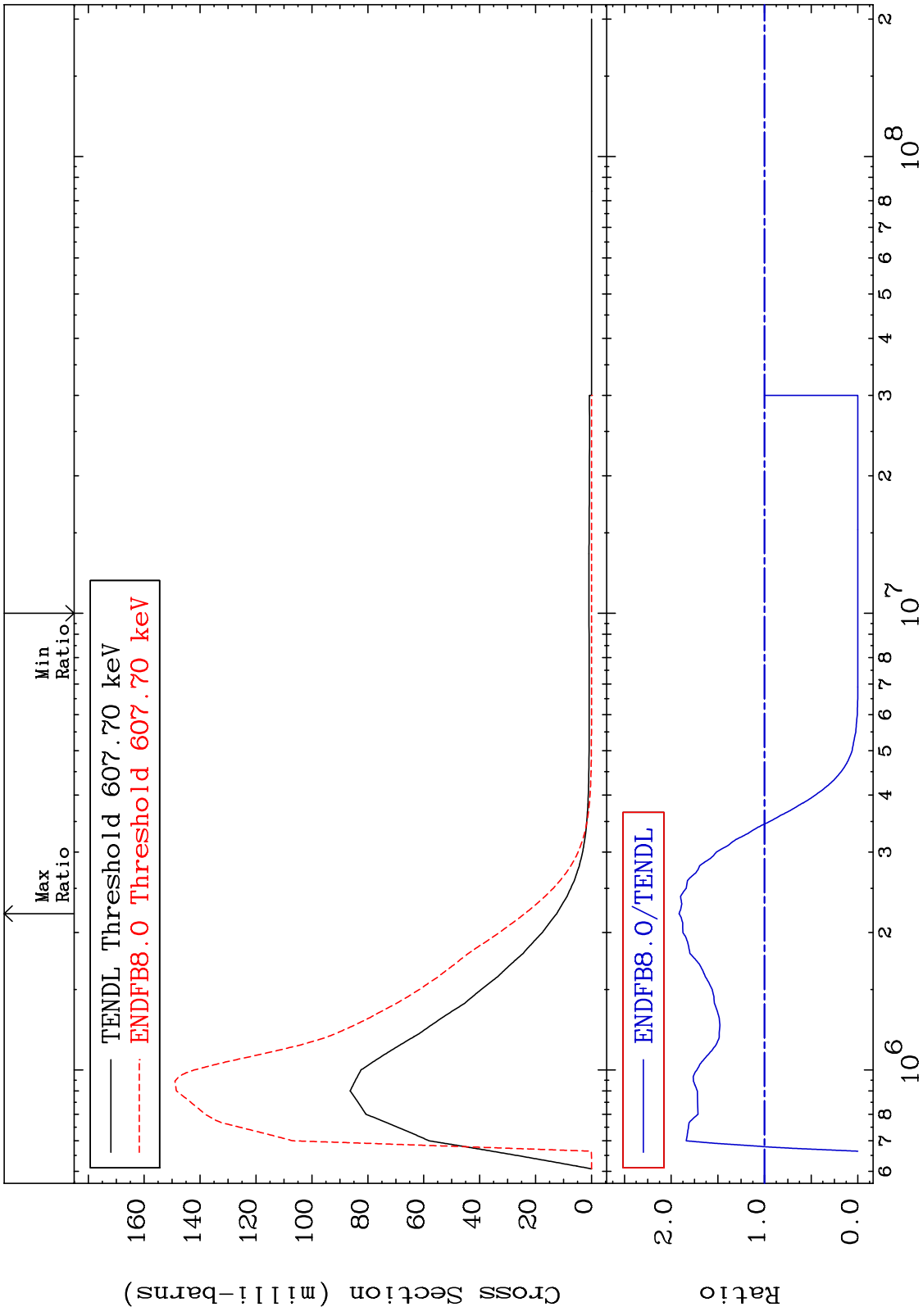
MAT 9434 MT= 53 (n,n') Level Cross Section -100.0 To 796.7 % 94-Pu-238



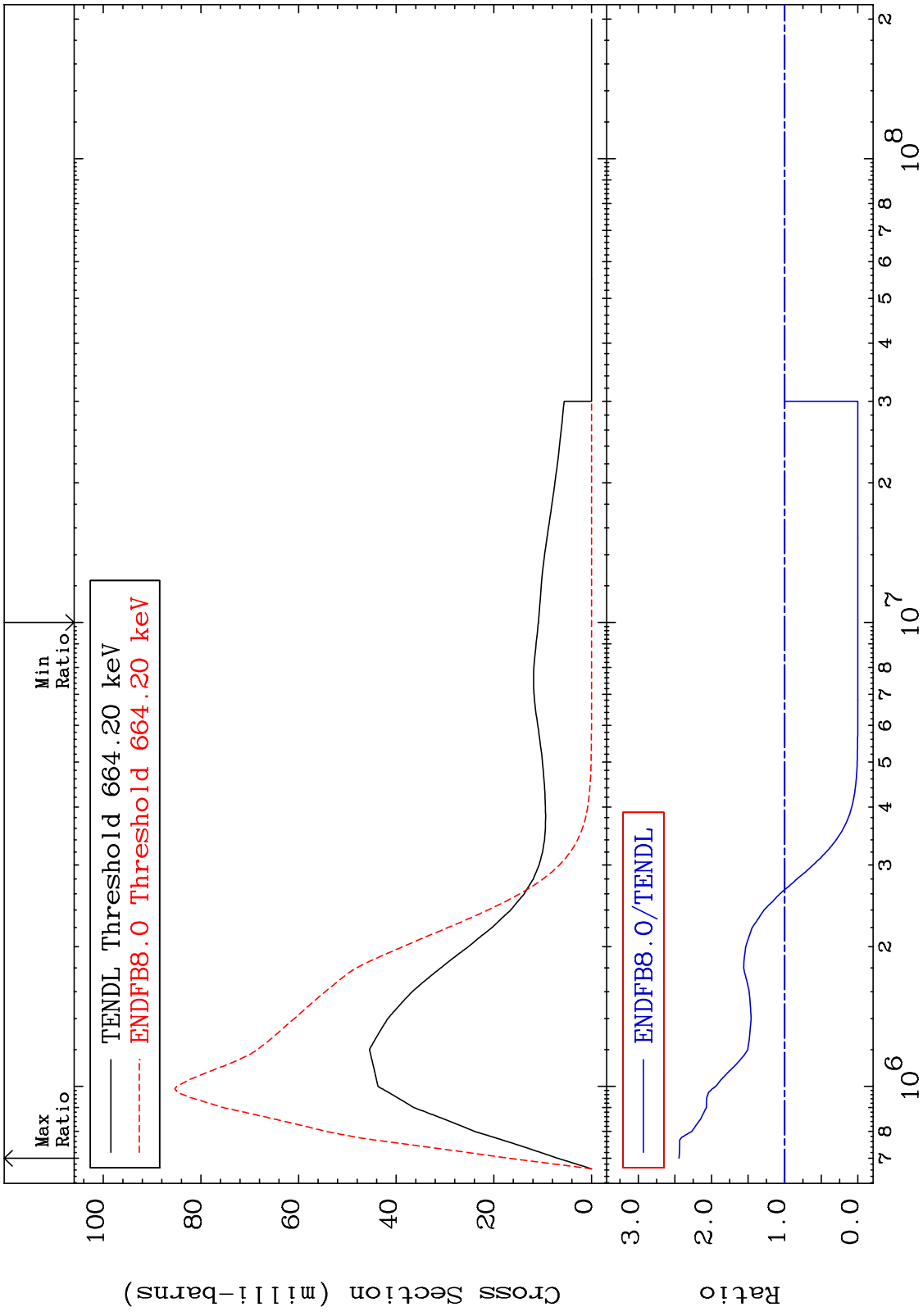
MAT 9434 MT= 54 (n,n') Level Cross Section 94-Pu-238
 -59.10 To 429.1 %



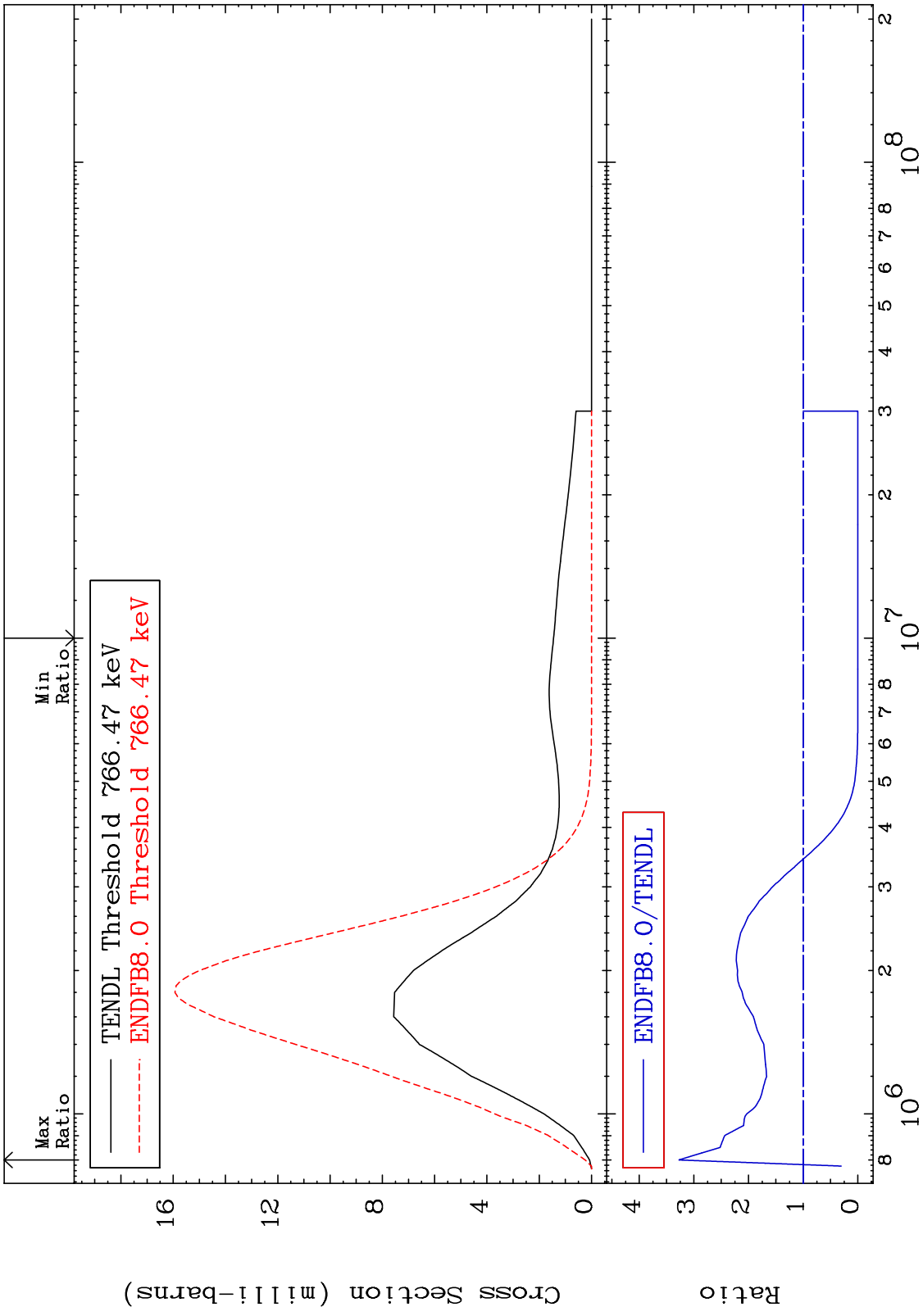
MAT 9434 MT= 55 (n,n') Level Cross Section -100.0 To 91.55 % 94-Pu-238



MAT 9434 MT= 56 (n,n') Level Cross Section -100.0 To 144.4 % 94-Pu-238

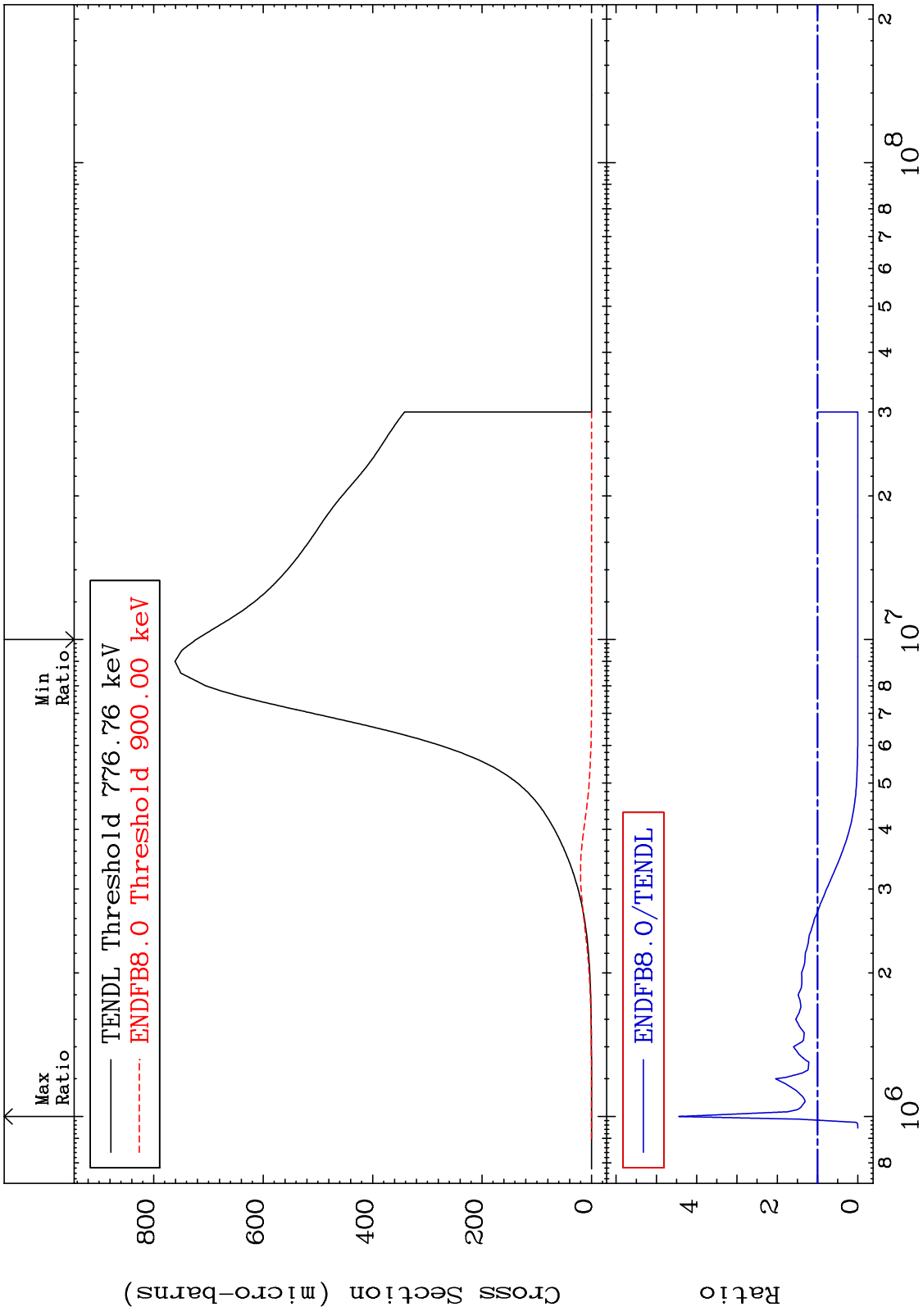


MAT 9434 MT= 57 (n,n') Level Cross Section -100.0 To 227.2 % 94-Pu-238

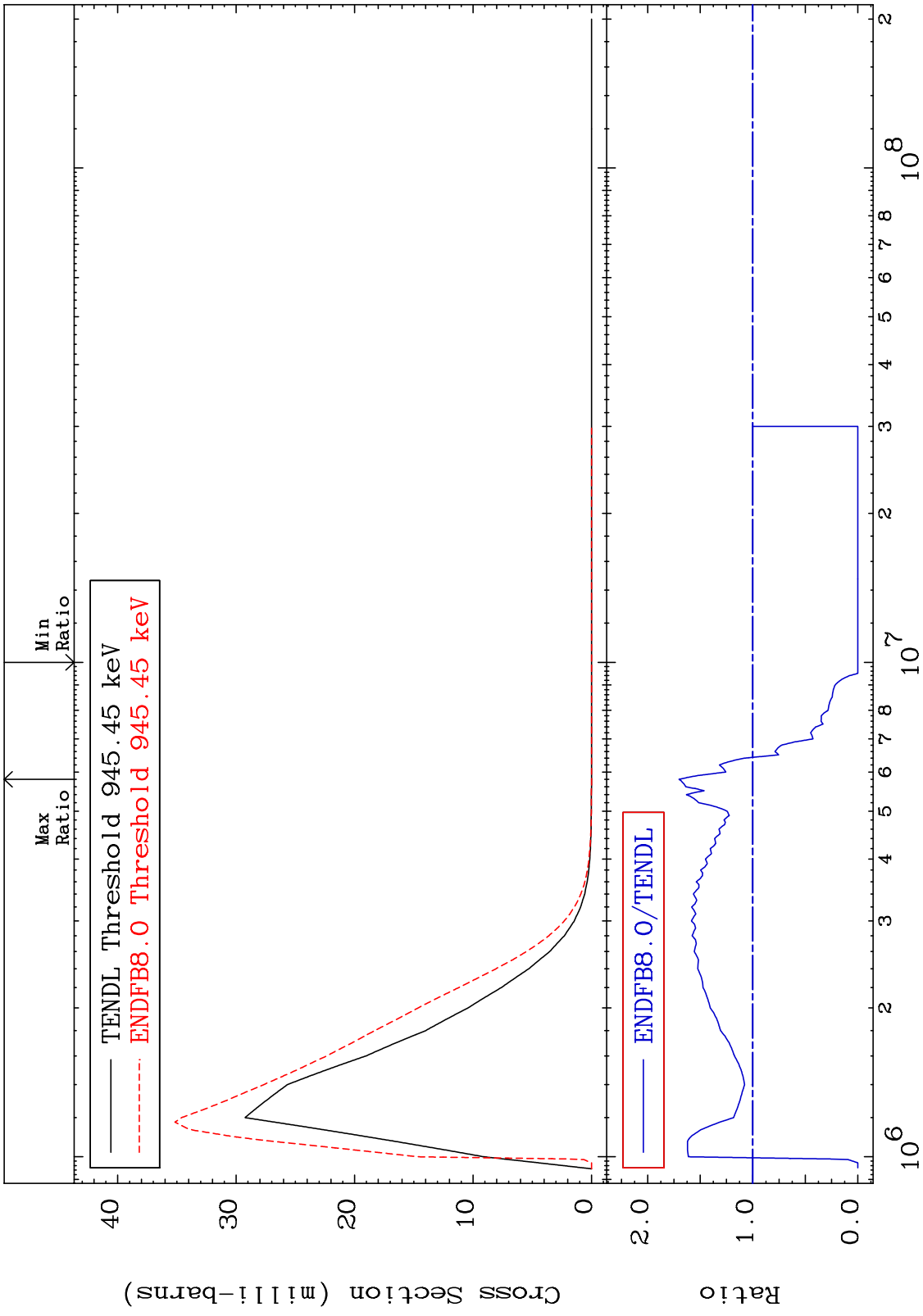


18 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 58 (n,n') Level Cross Section -100.0 To 343.8 % 94-Pu-238

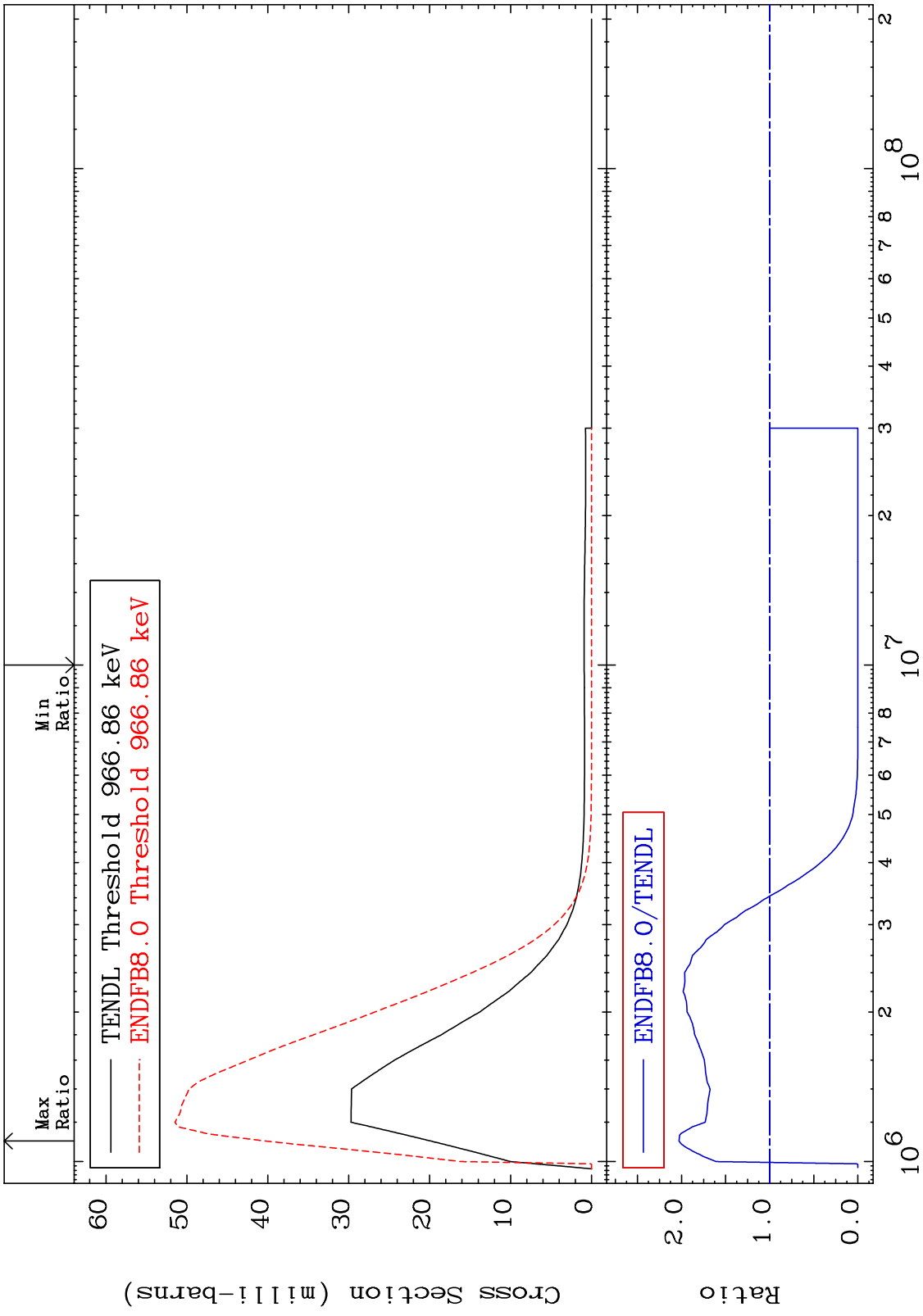


MAT 9434 MT= 59 (n,n') Level Cross Section -100.0 To 70.14 % 94-Pu-238



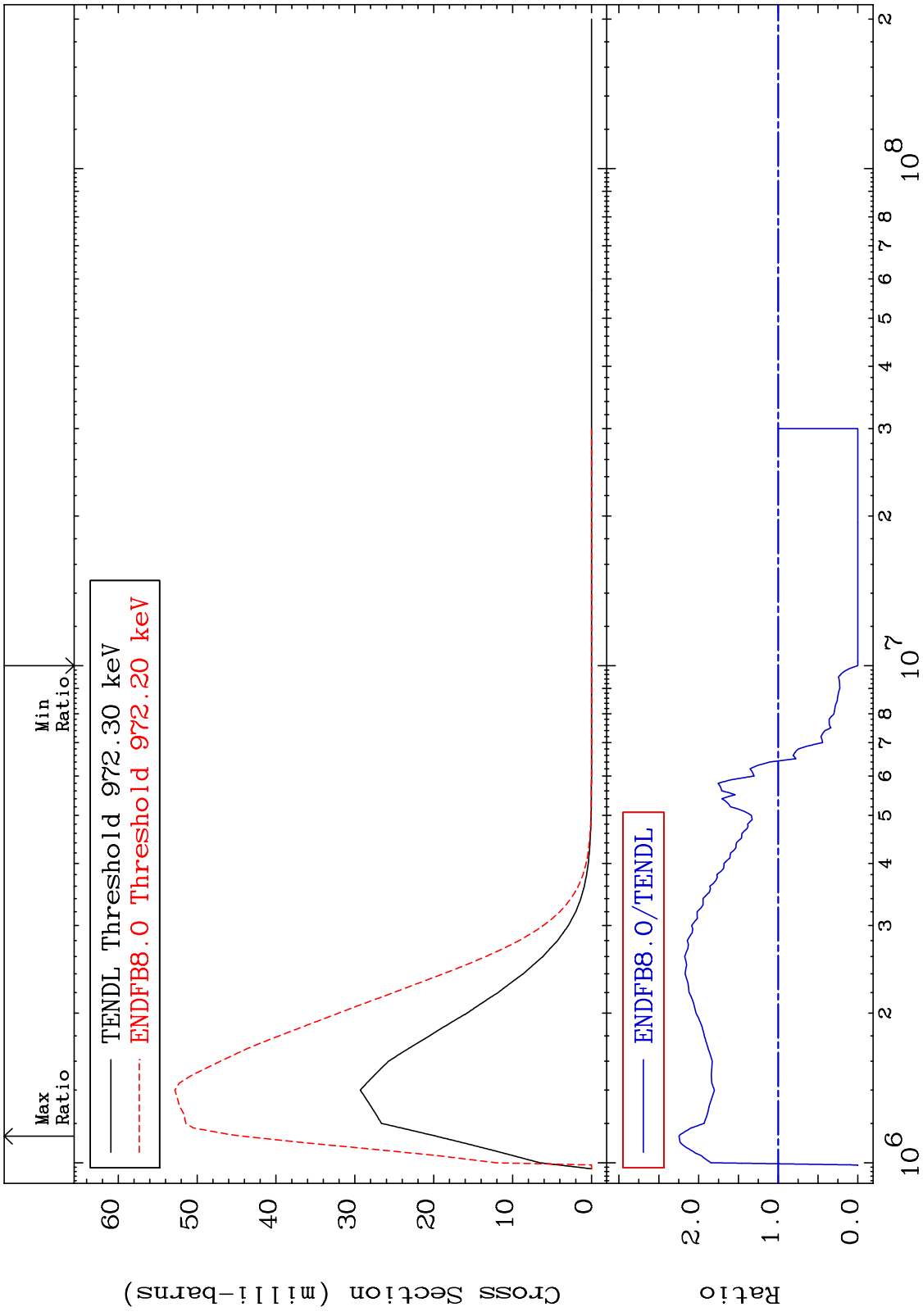
Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 60 (n,n') Level Cross Section 94-Pu-238
-100.0 To 102.8 %



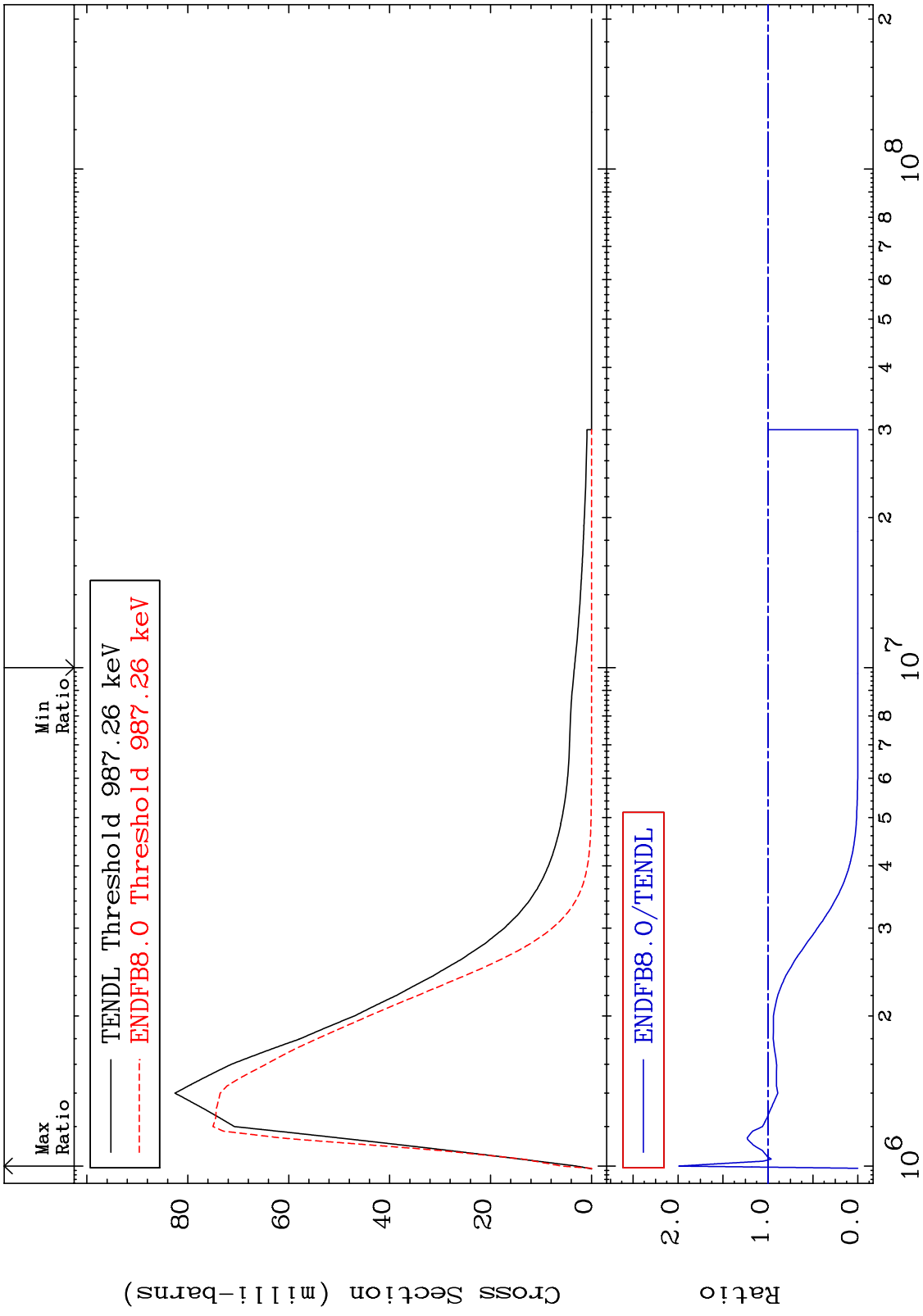
21 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 61 (n,n') Level Cross Section 94-Pu-238
 -100.0 To 124.5 %



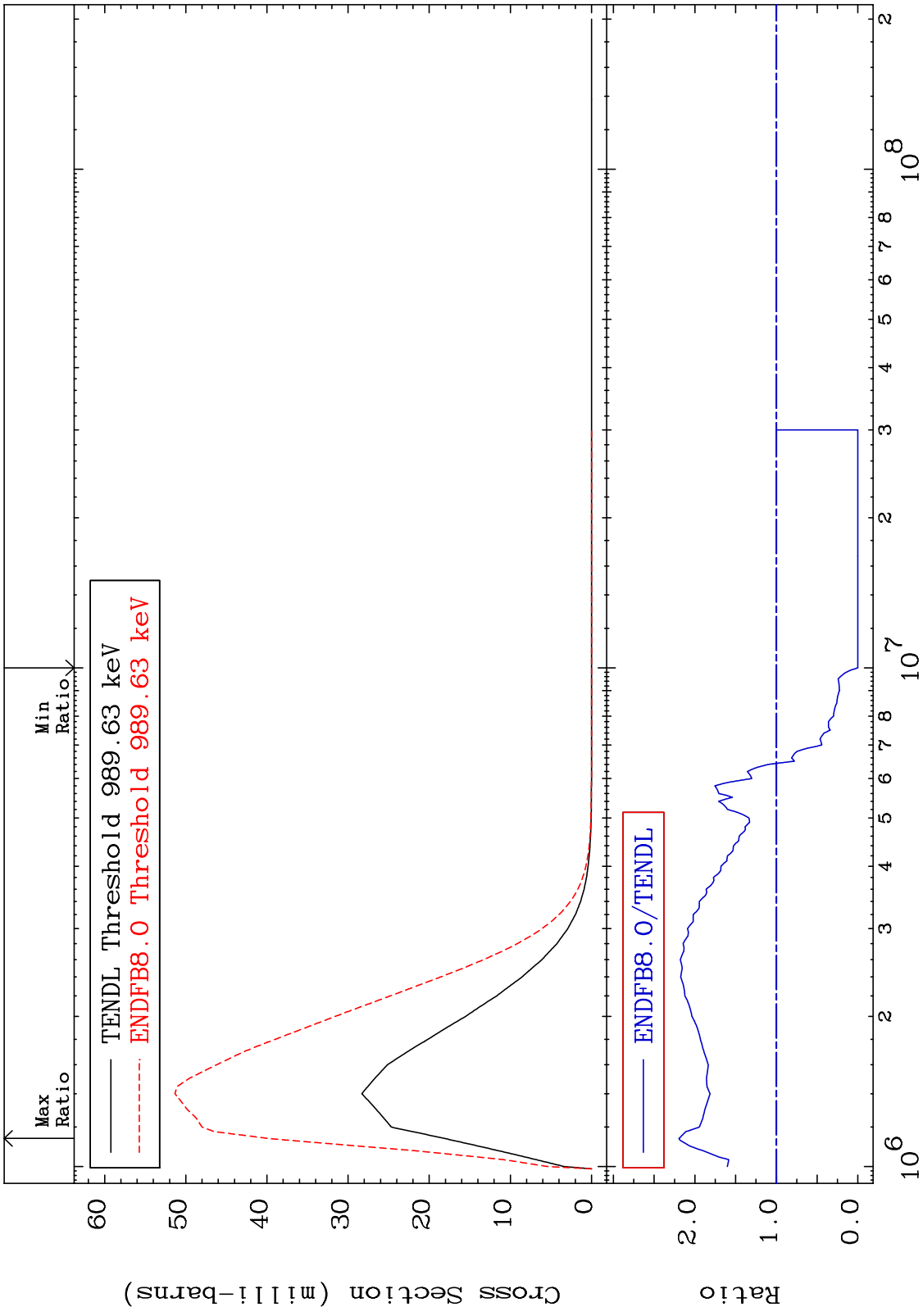
22 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 62 (n,n') Level Cross Section -100.0 To 98.85 % 94-Pu-238



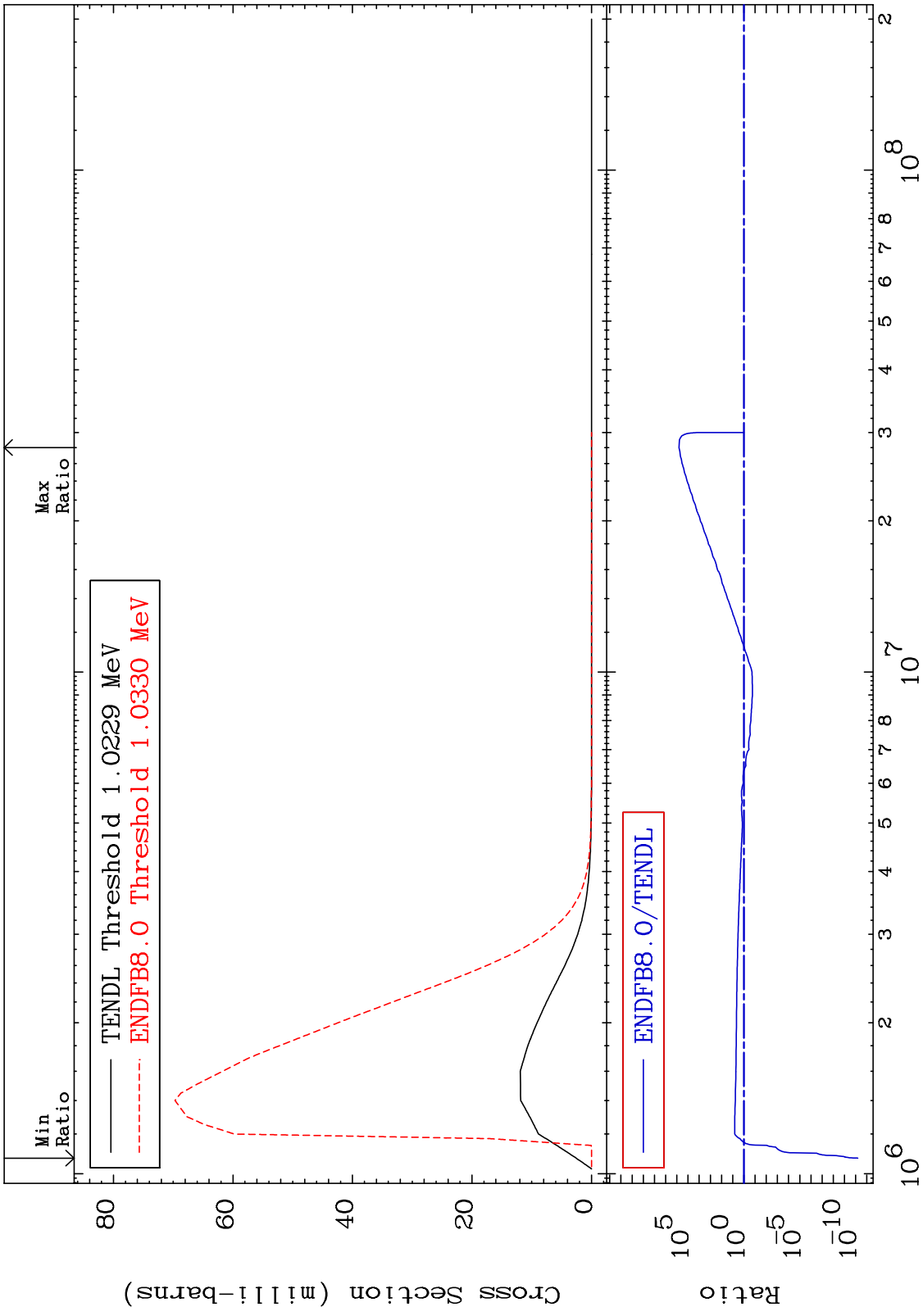
23 94-Pu-238

MAT 9434 MT= 63 (n,n') Level Cross Section -100.0 To 119.5 % 94-Pu-238



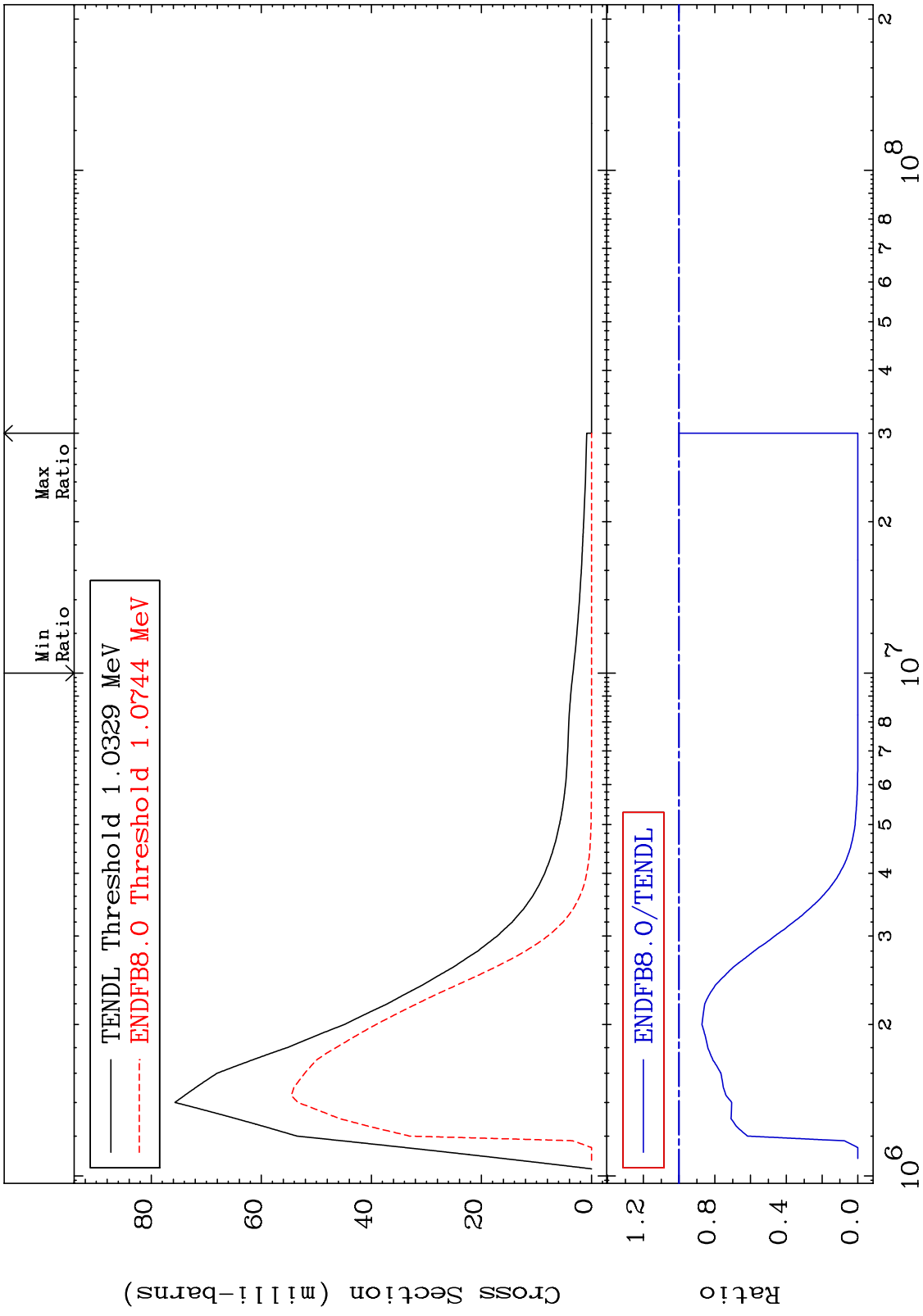
24 94-Pu-238

MAT 9434 MT= 64 (n,n') Level Cross Section -100.0 To 9999. % 94-Pu-238

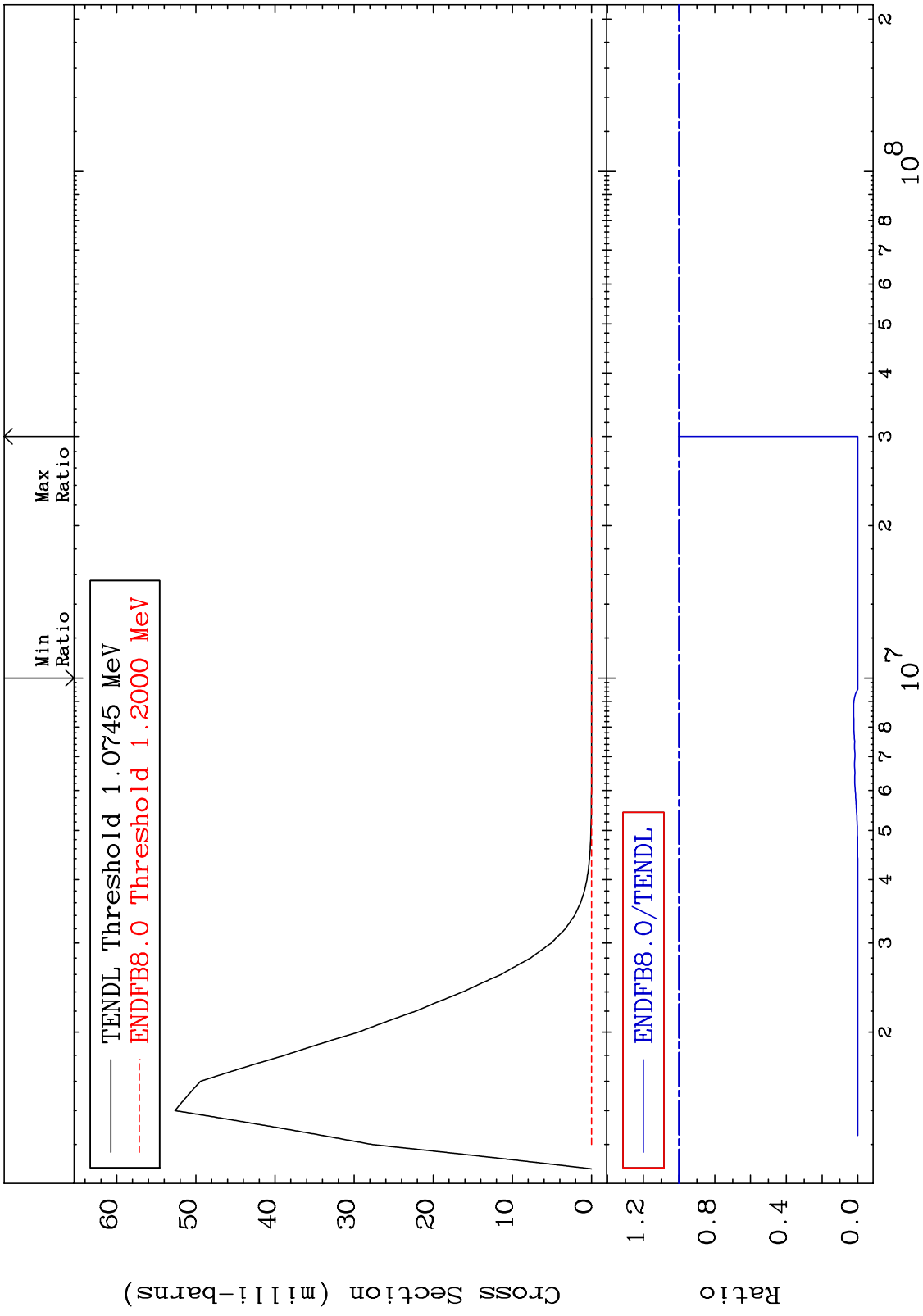


25 Incident Energy (eV) 94-Pu-238

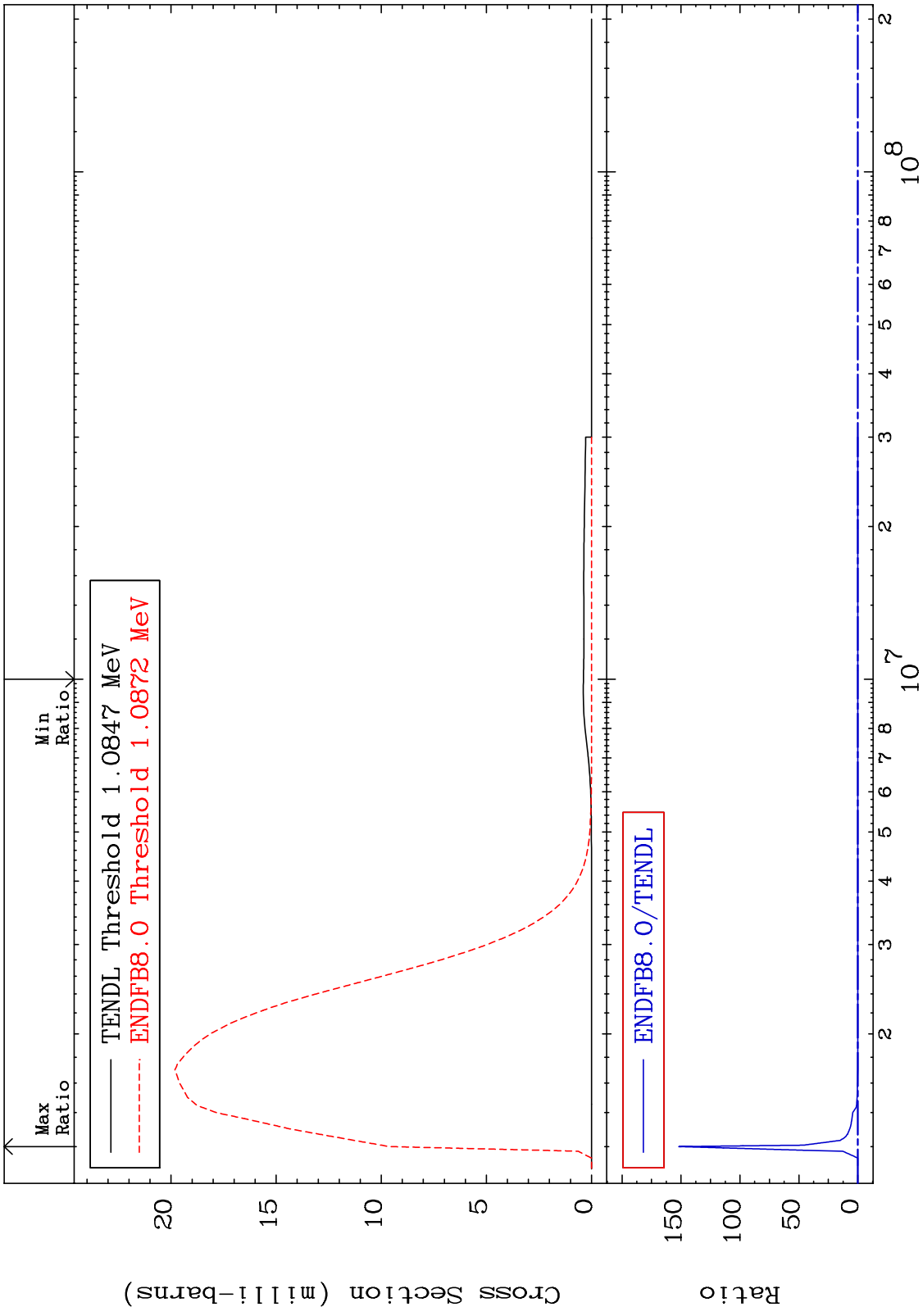
MAT 9434 MT= 65 (n,n') Level Cross Section -100.0 To 0.000 % 94-Pu-238



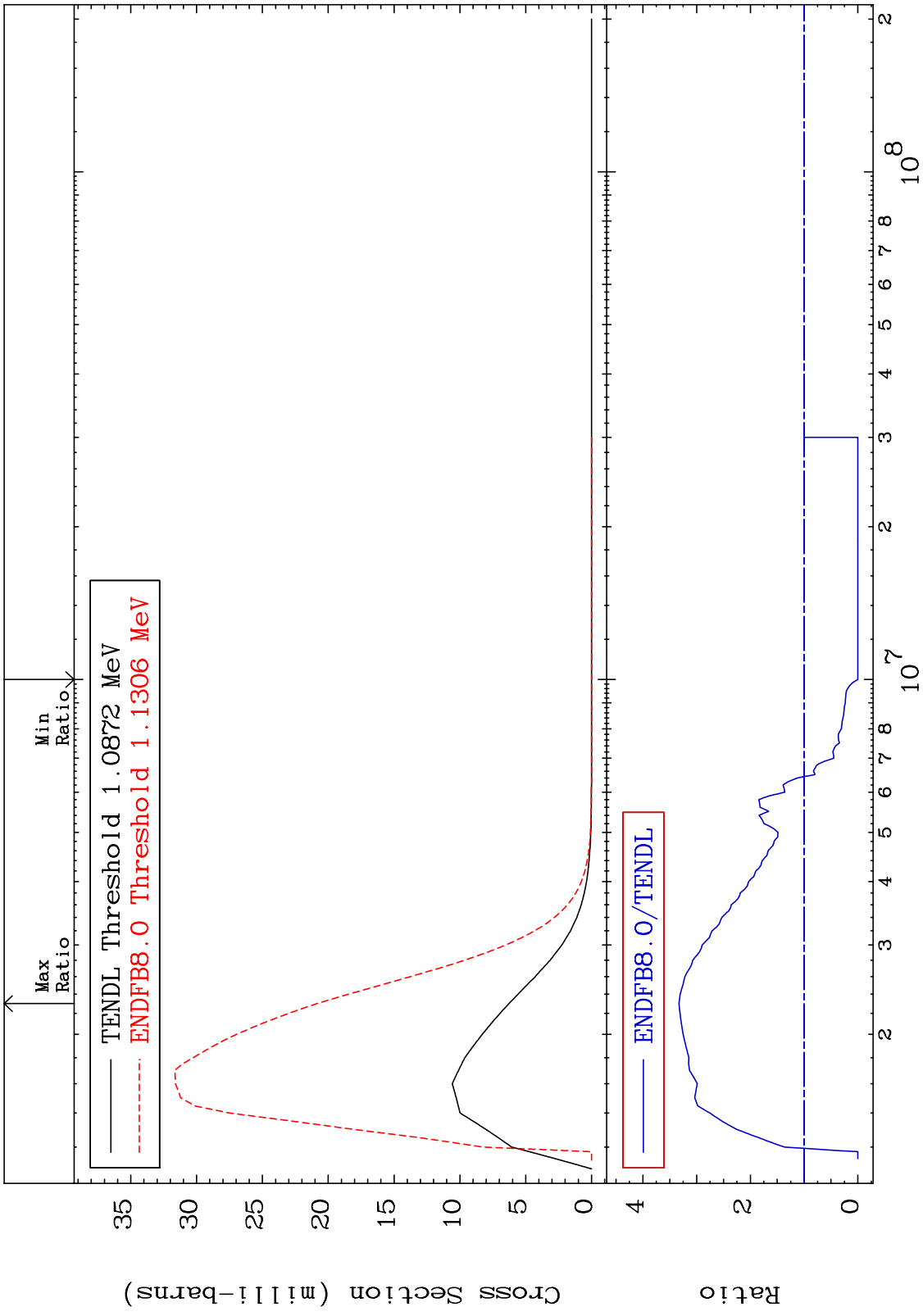
MAT 9434 MT= 66 (n,n') Level Cross Section 94-Pu-238
 -100.0 To 0.000 %



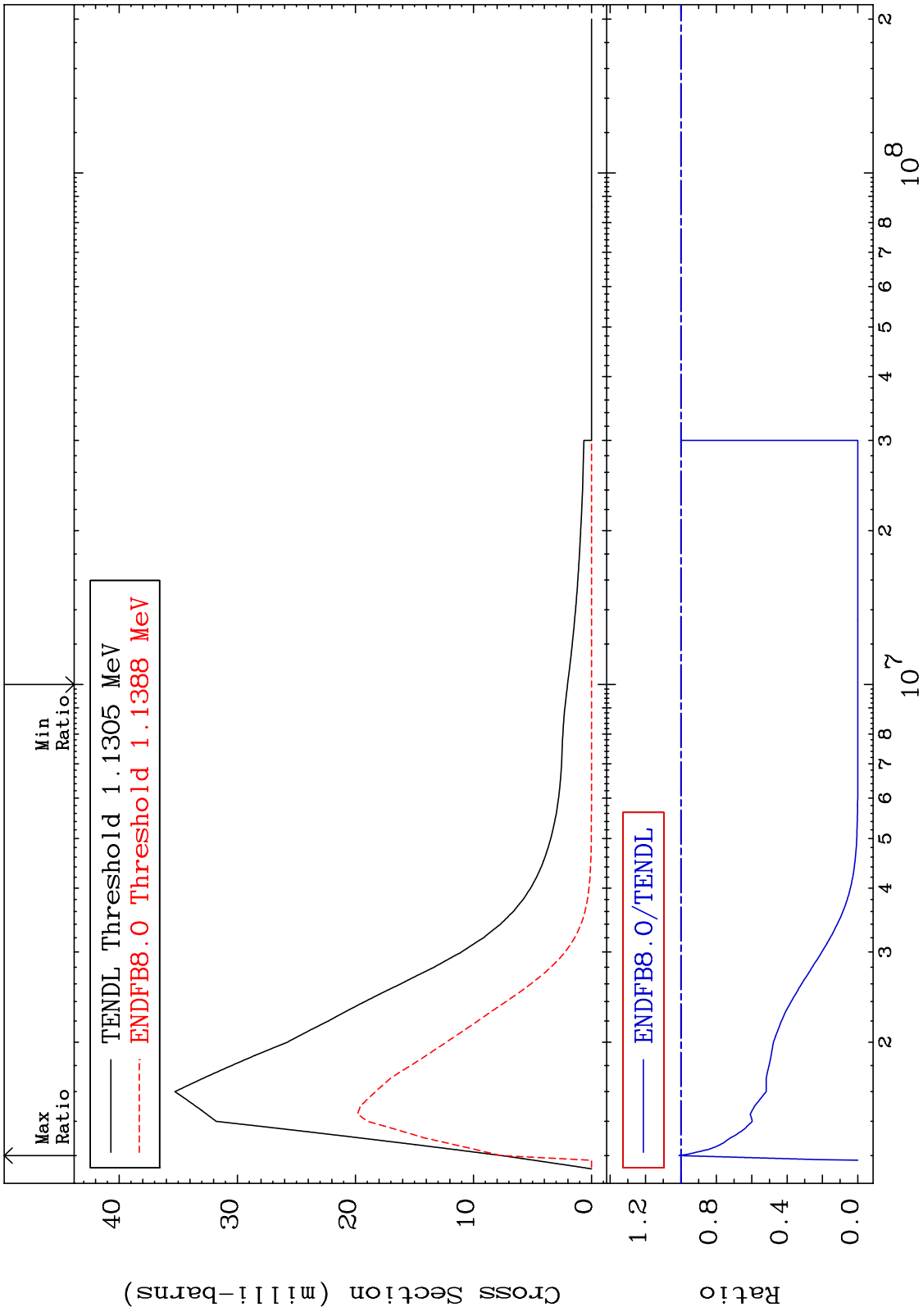
MAT 9434 MT= 67 (n,n') Level Cross Section 94-Pu-238
 -100.0 To 9999. %



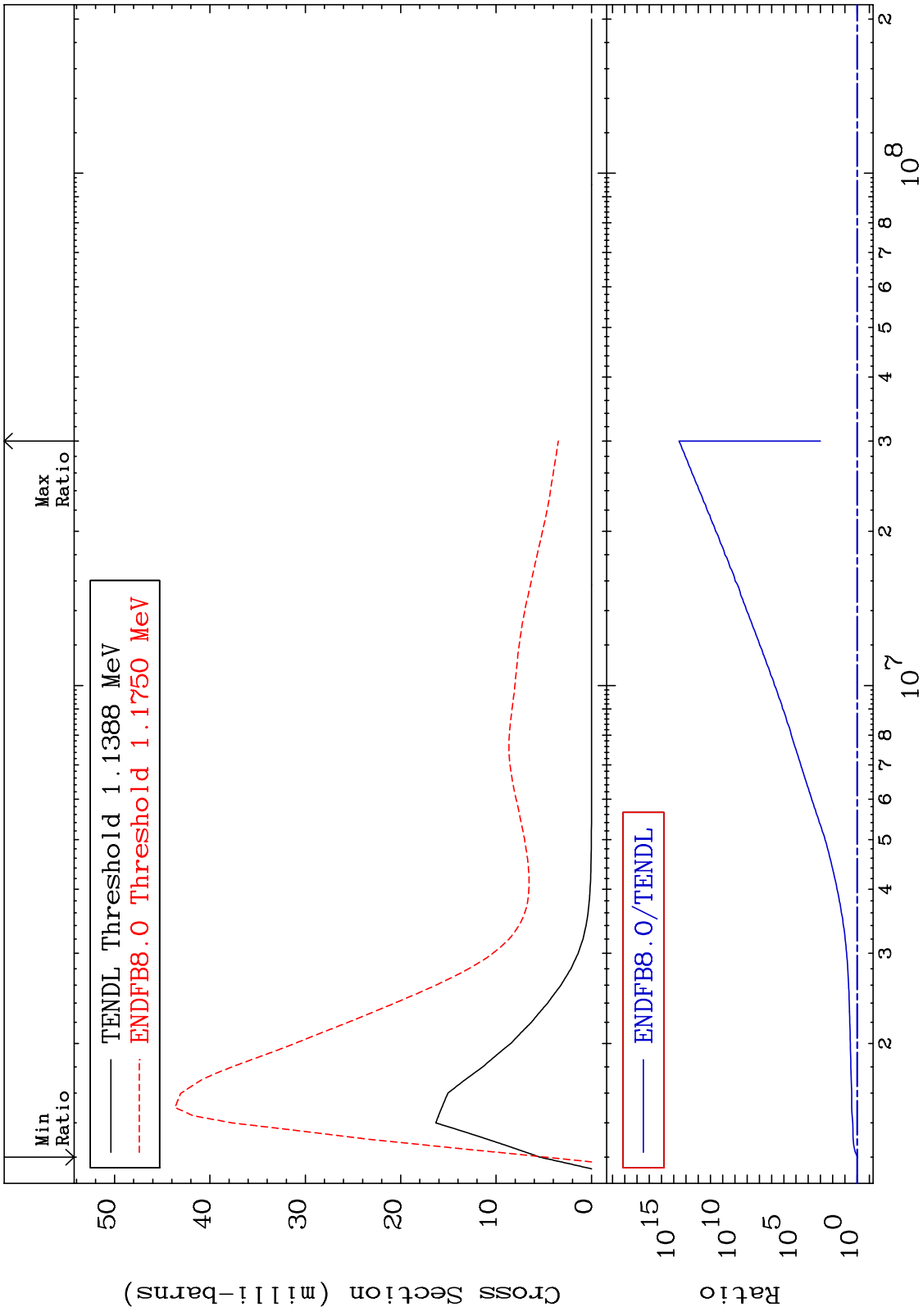
MAT 9434 MT= 68 (n,n') Level Cross Section 94-Pu-238
 -100.0 To 232.7 %



MAT 9434 MT= 69 (n,n') Level Cross Section 94-Pu-238
 -100.0 To 1.084 %



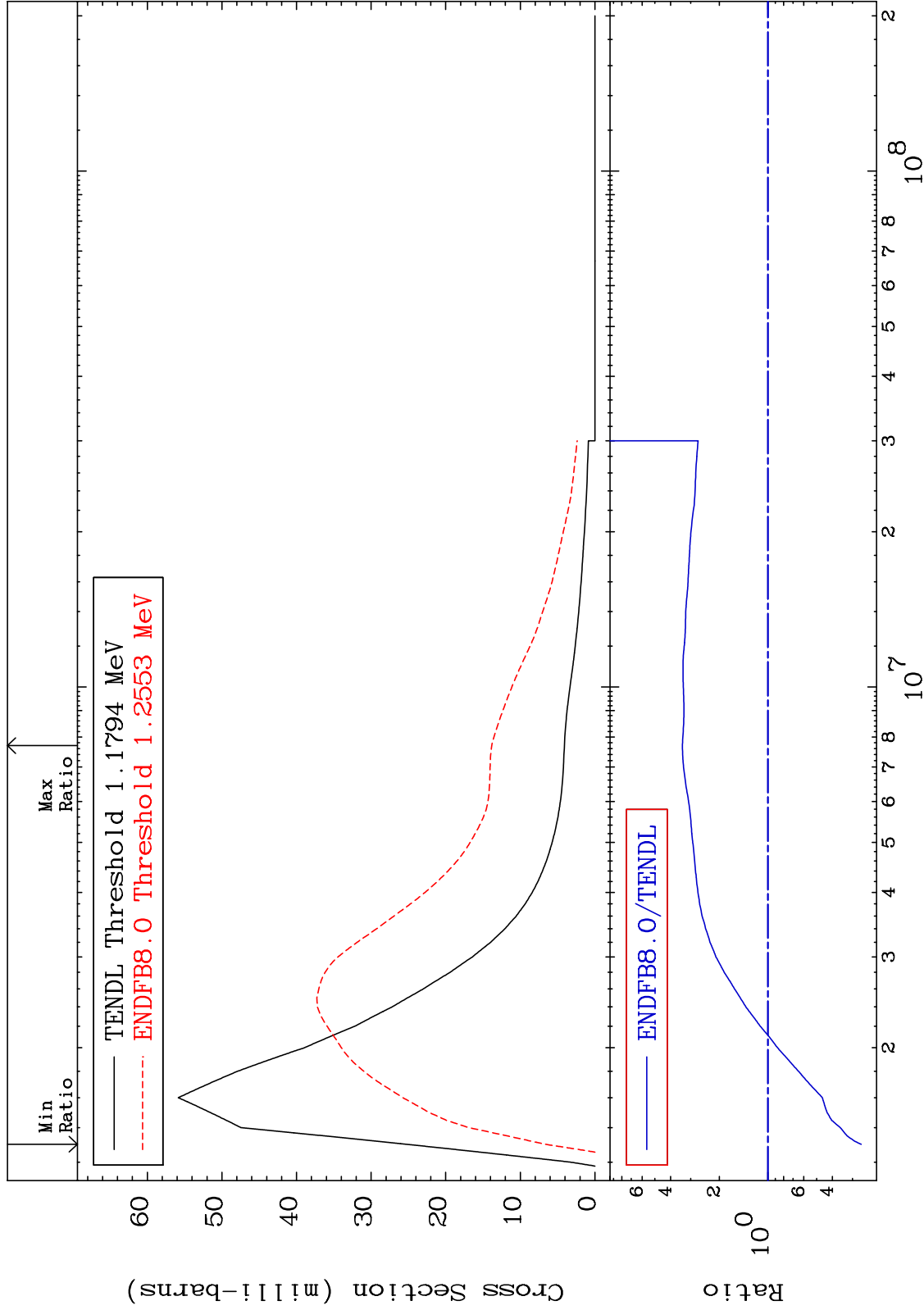
MAT 9434 MT= 70 (n,n') Level Cross Section 94-Pu-238
 -11.46 To 9999. %



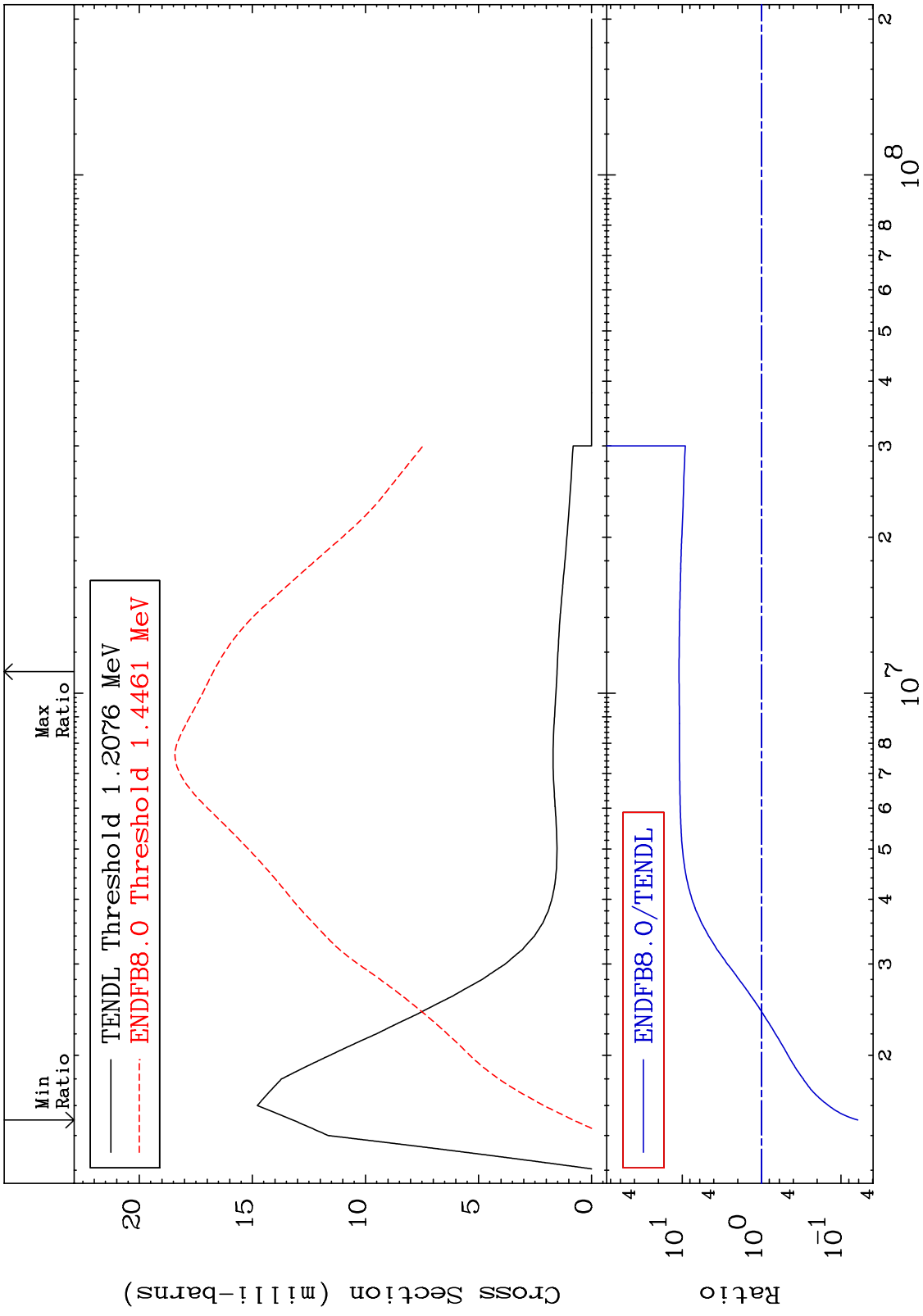
MAT 9434

MT= 71 (n,n') Level
Cross Section

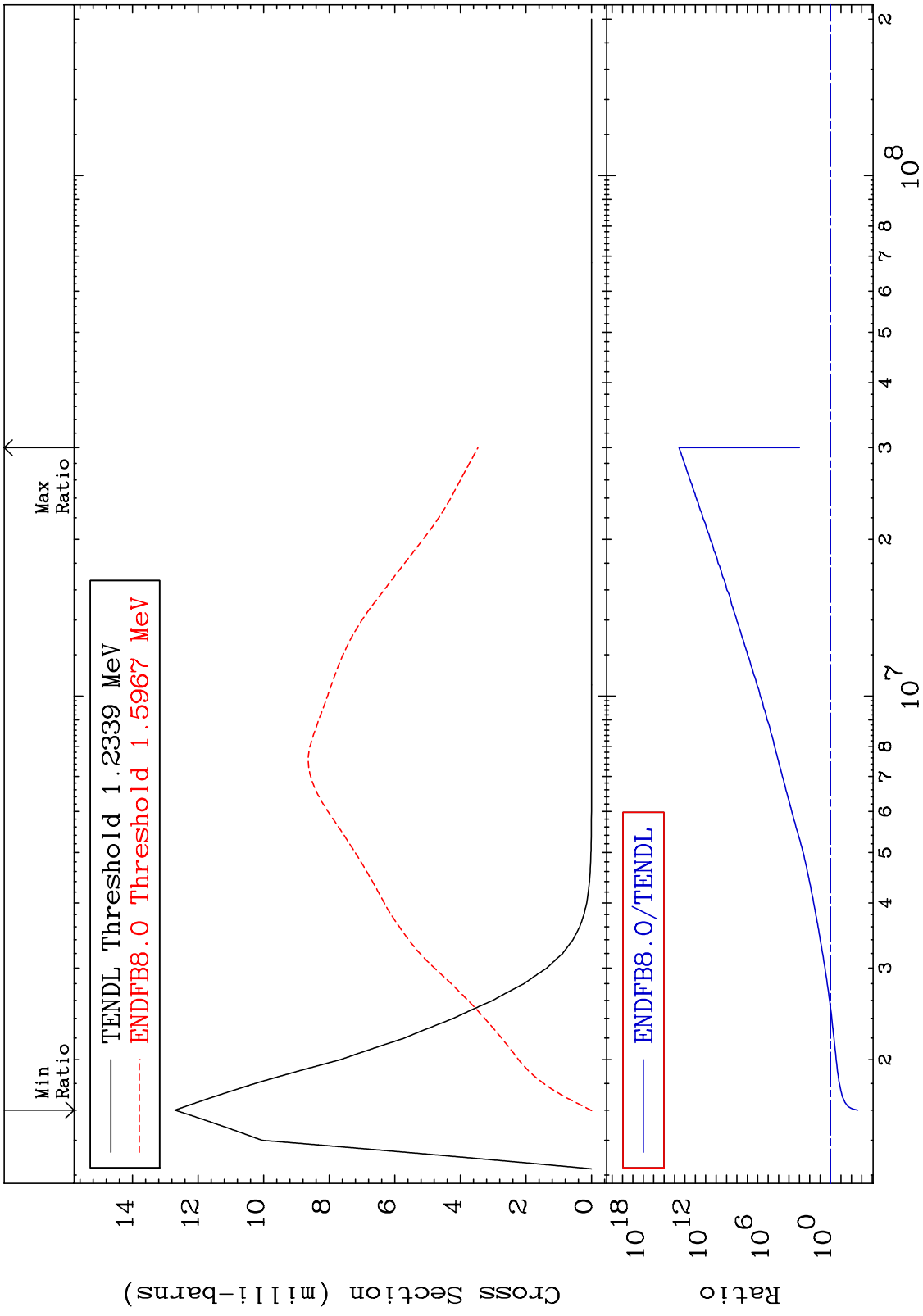
94-Pu-238
-73.53 To 237.7 %



MAT 9434 MT= 72 (n,n') Level Cross Section 94-Pu-238
 -93.86 To 996.8 %



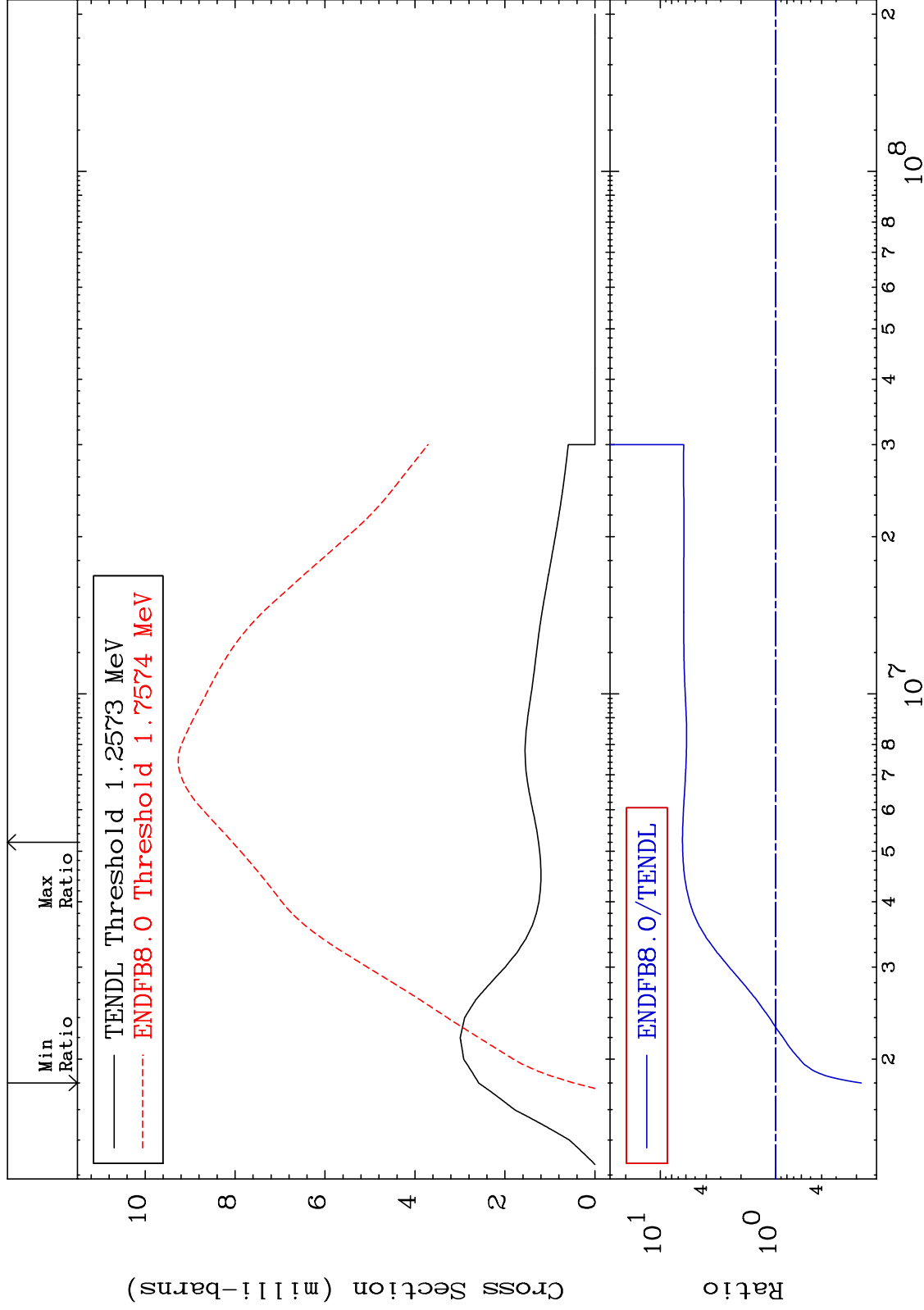
MAT 9434 MT= 73 (n,n') Level Cross Section 94-Pu-238
 -99.76 To 9999. %



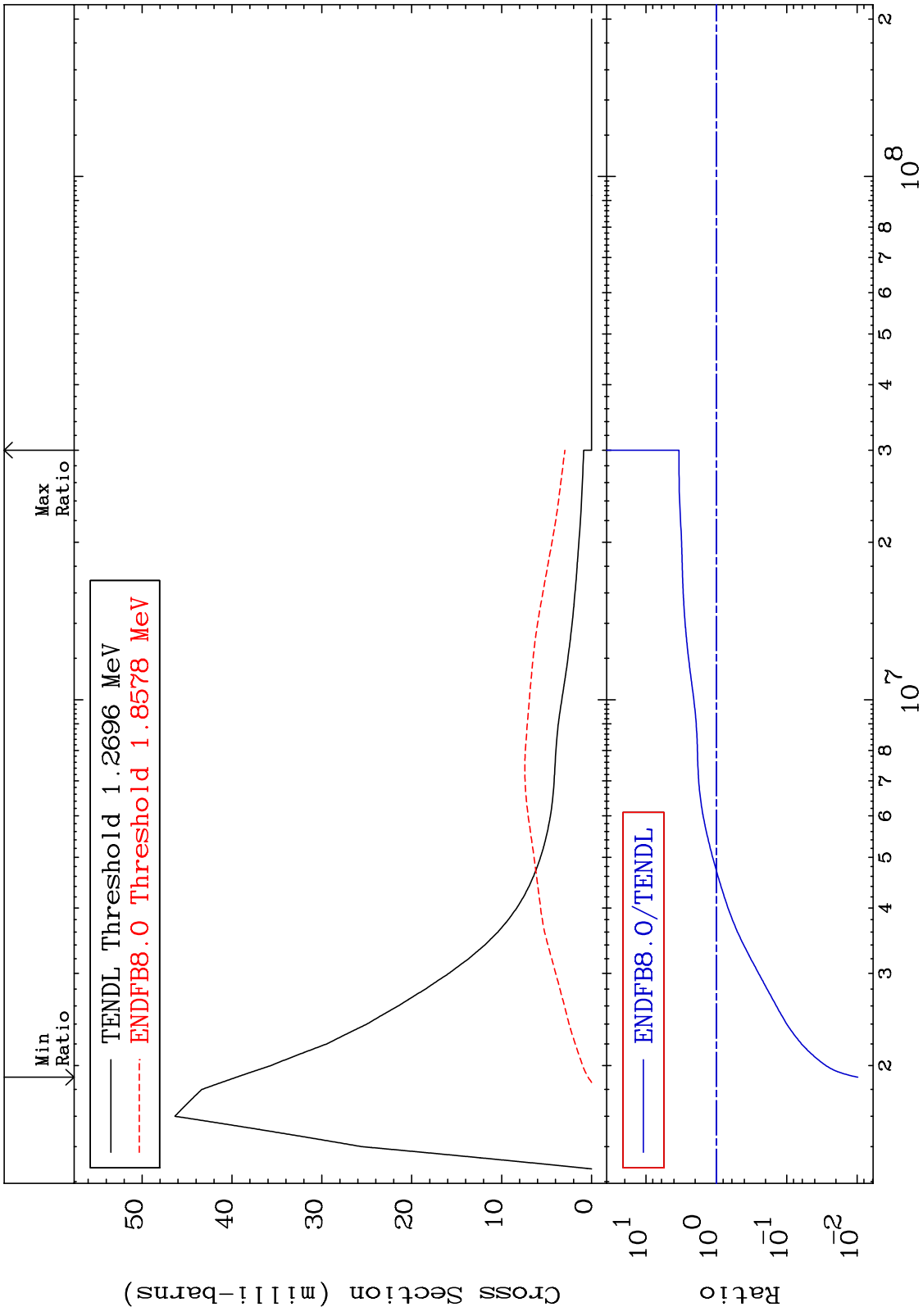
MAT 9434

MT= 74 (n,n') Level
Cross Section

94-Pu-238
-81.87 To 543.8 %



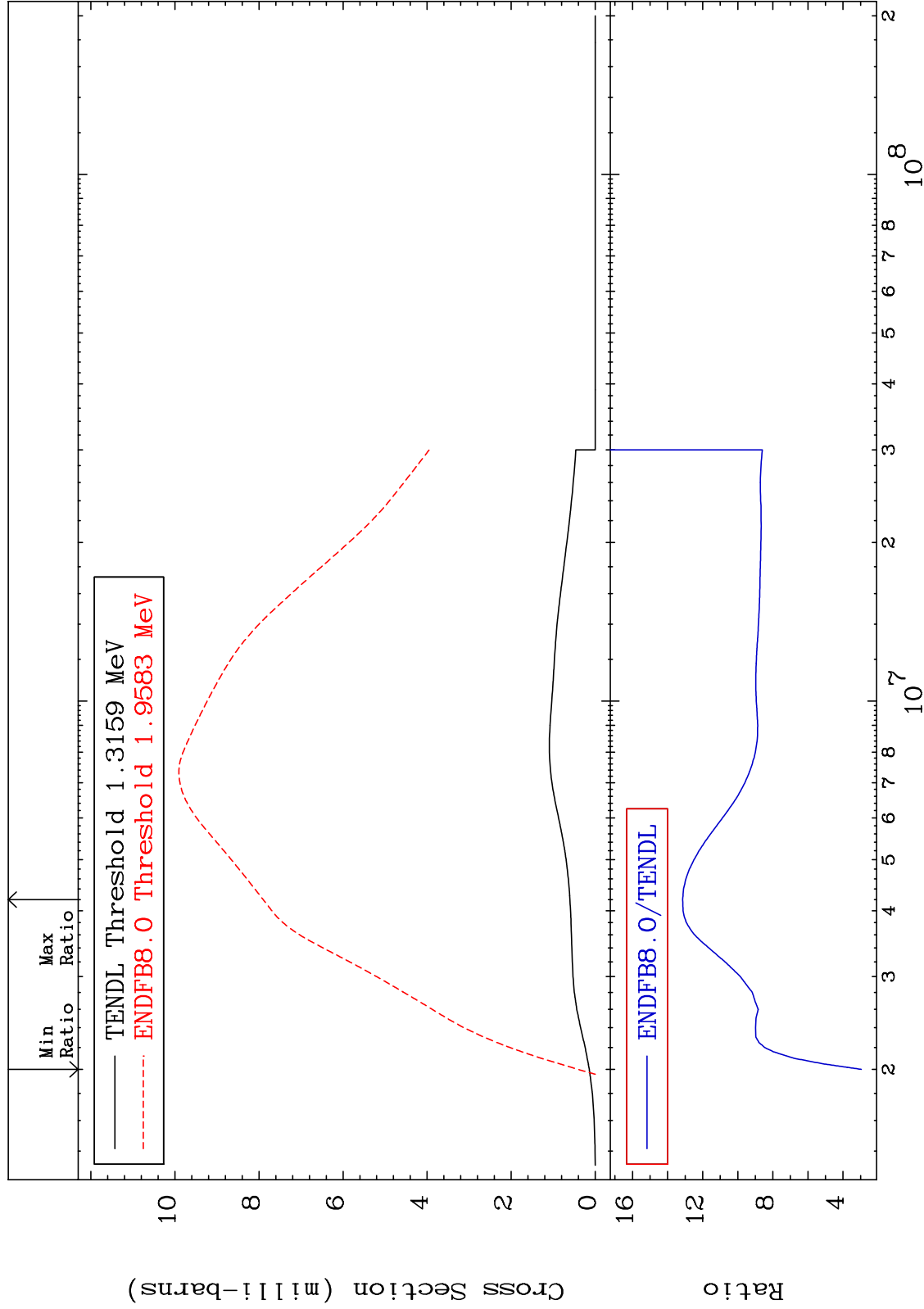
MAT 9434 MT= 75 (n,n') Level Cross Section 94-Pu-238
 -99.02 To 238.3 %



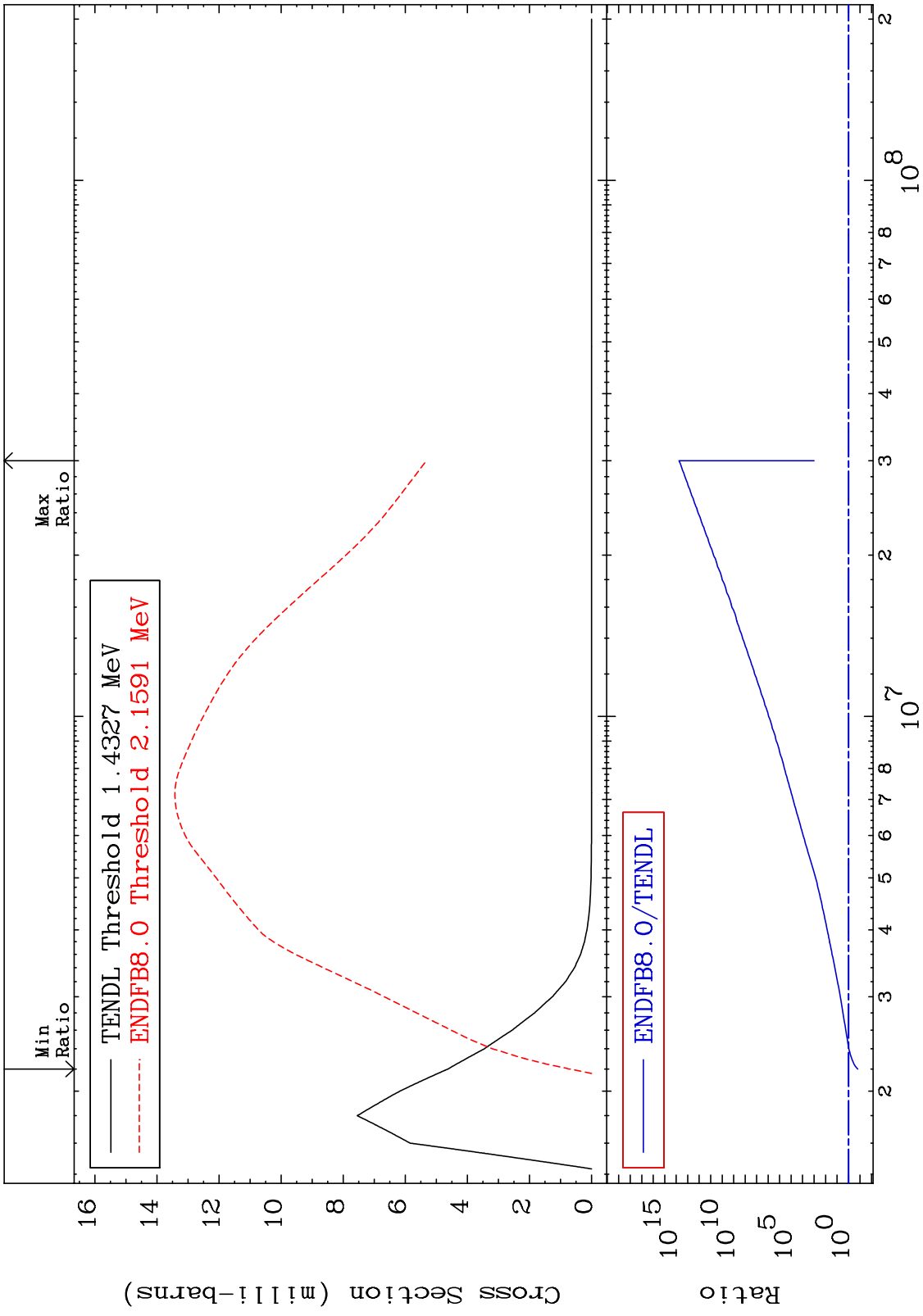
MAT 9434

MT= 76 (n,n') Level
Cross Section

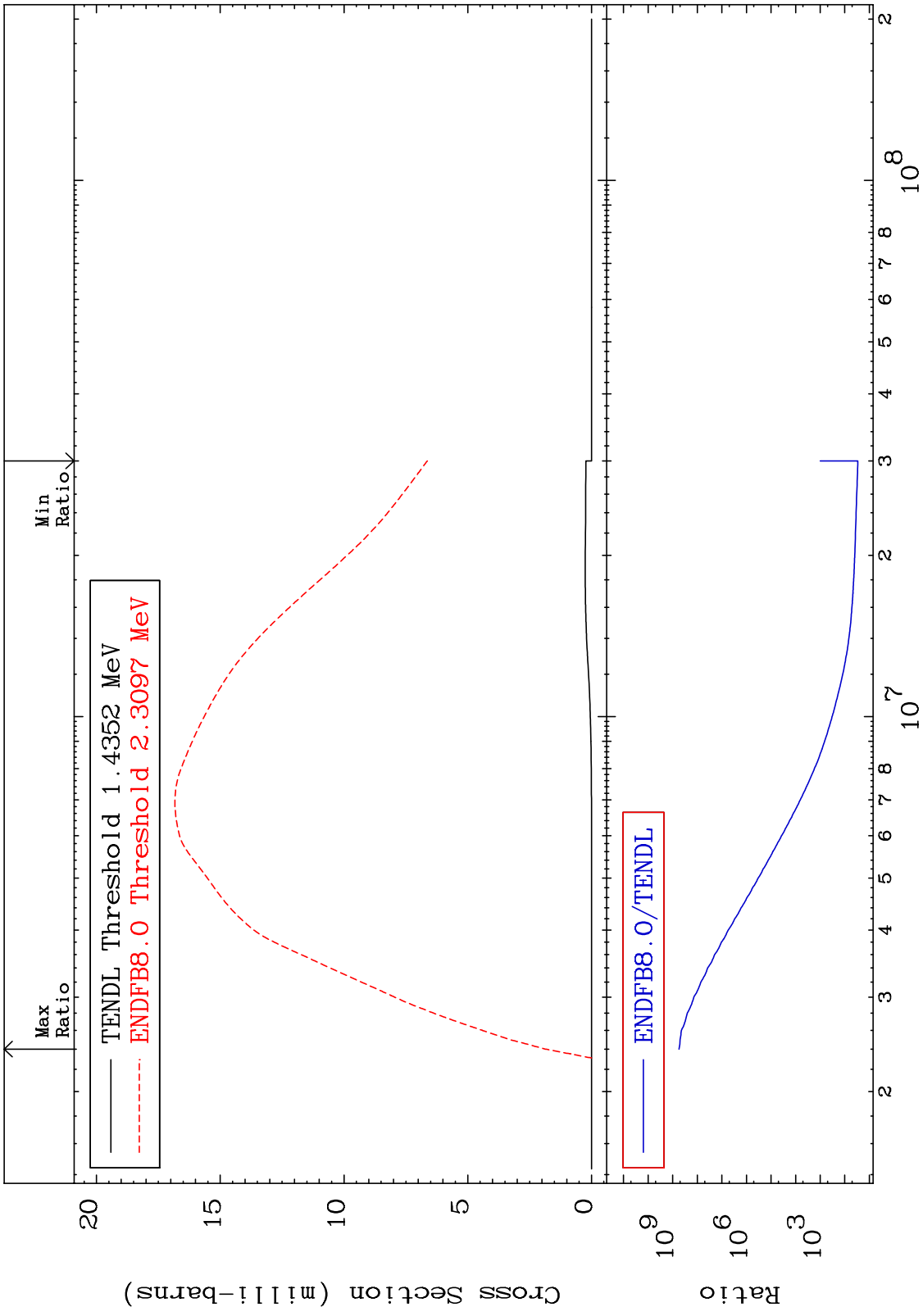
94-Pu-238
195.5 To 1214. %



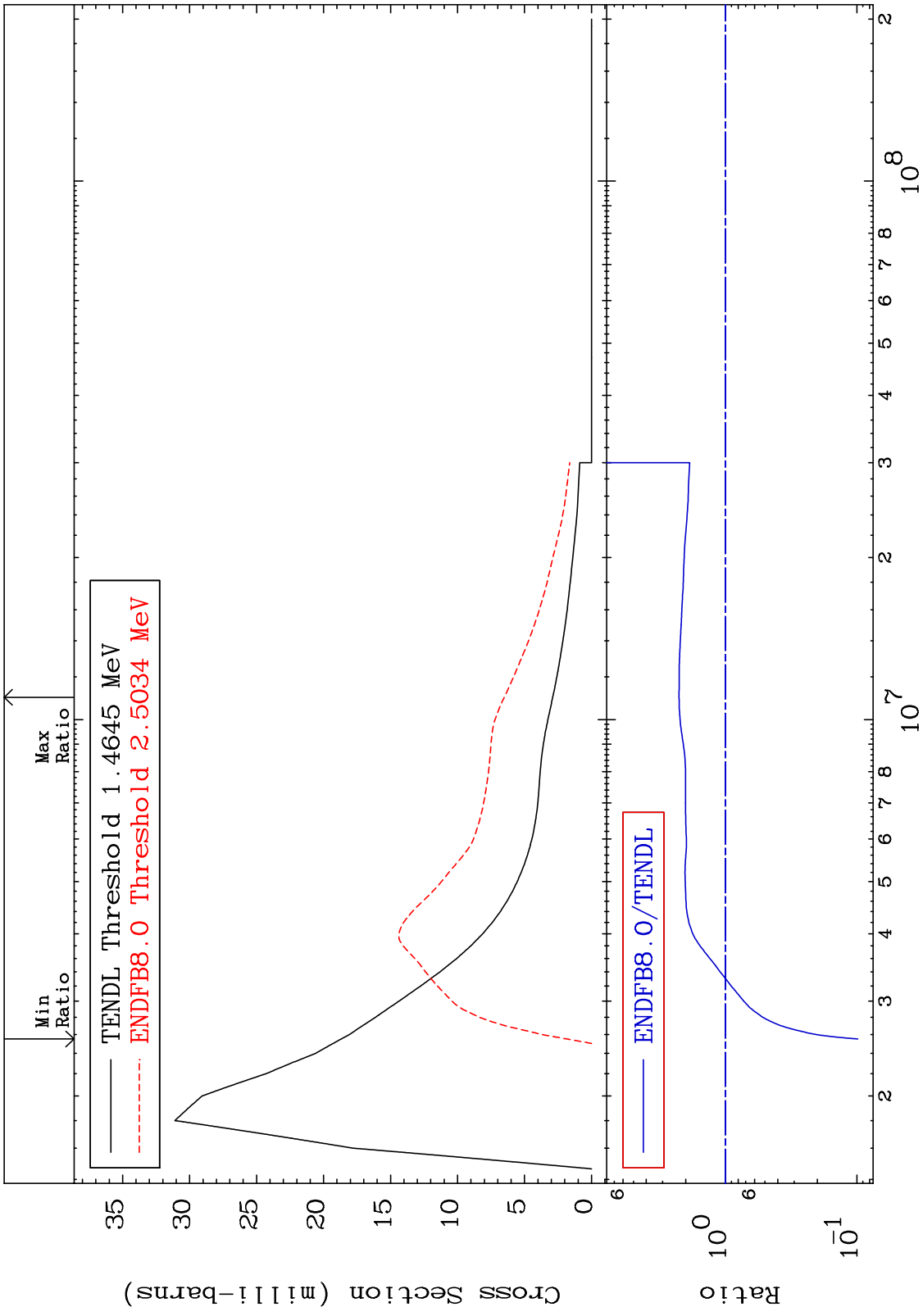
MAT 9434 MT= 77 (n,n') Level Cross Section 94-Pu-238
 -84.46 To 9999. %



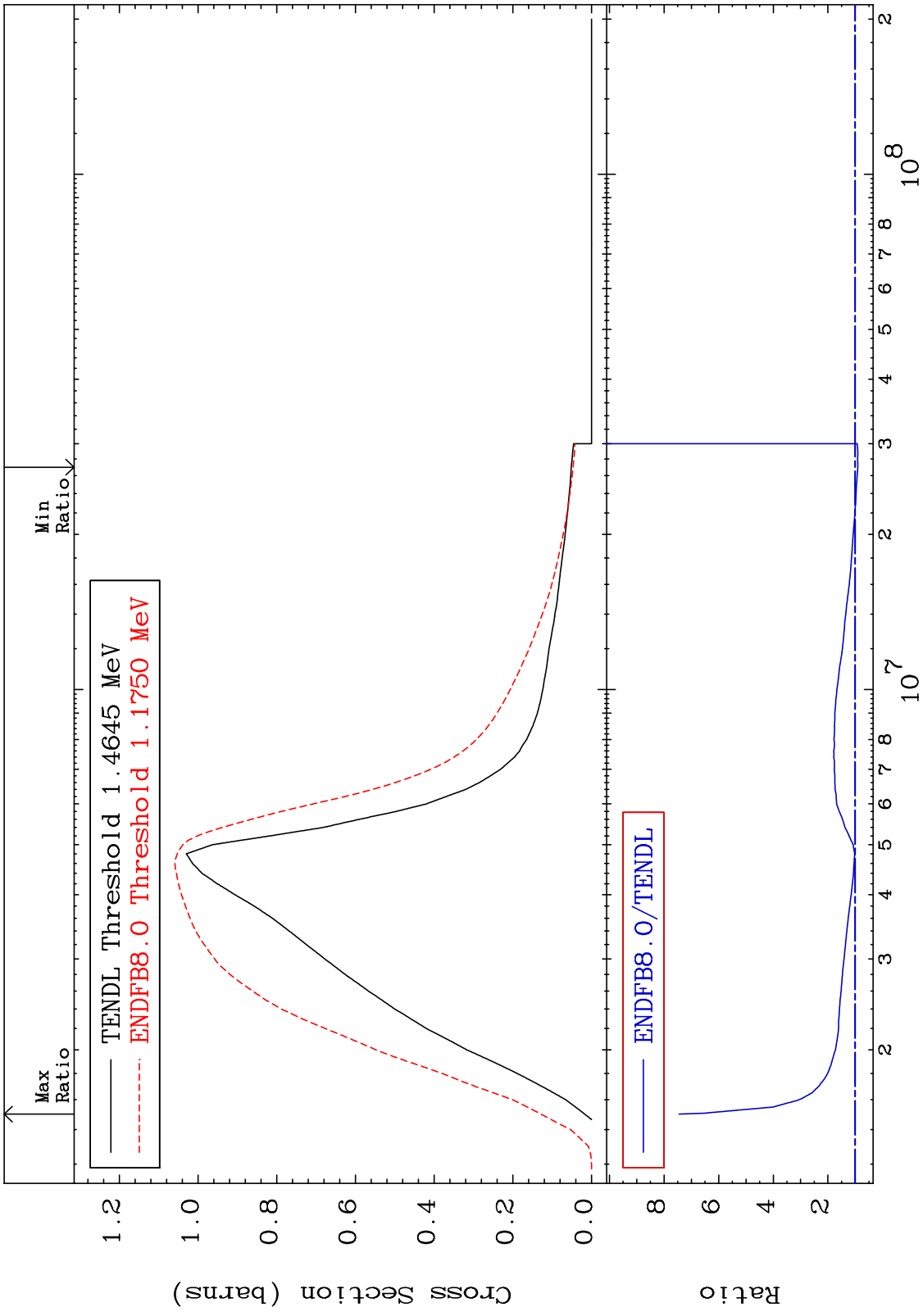
MAT 9434 MT= 78 (n,n') Level Cross Section 94-Pu-238 To 9999. %
 2839.



MAT 9434 MT= 80 (n,n') Level Cross Section 94-Pu-238
 -90.16 To 125.0 %



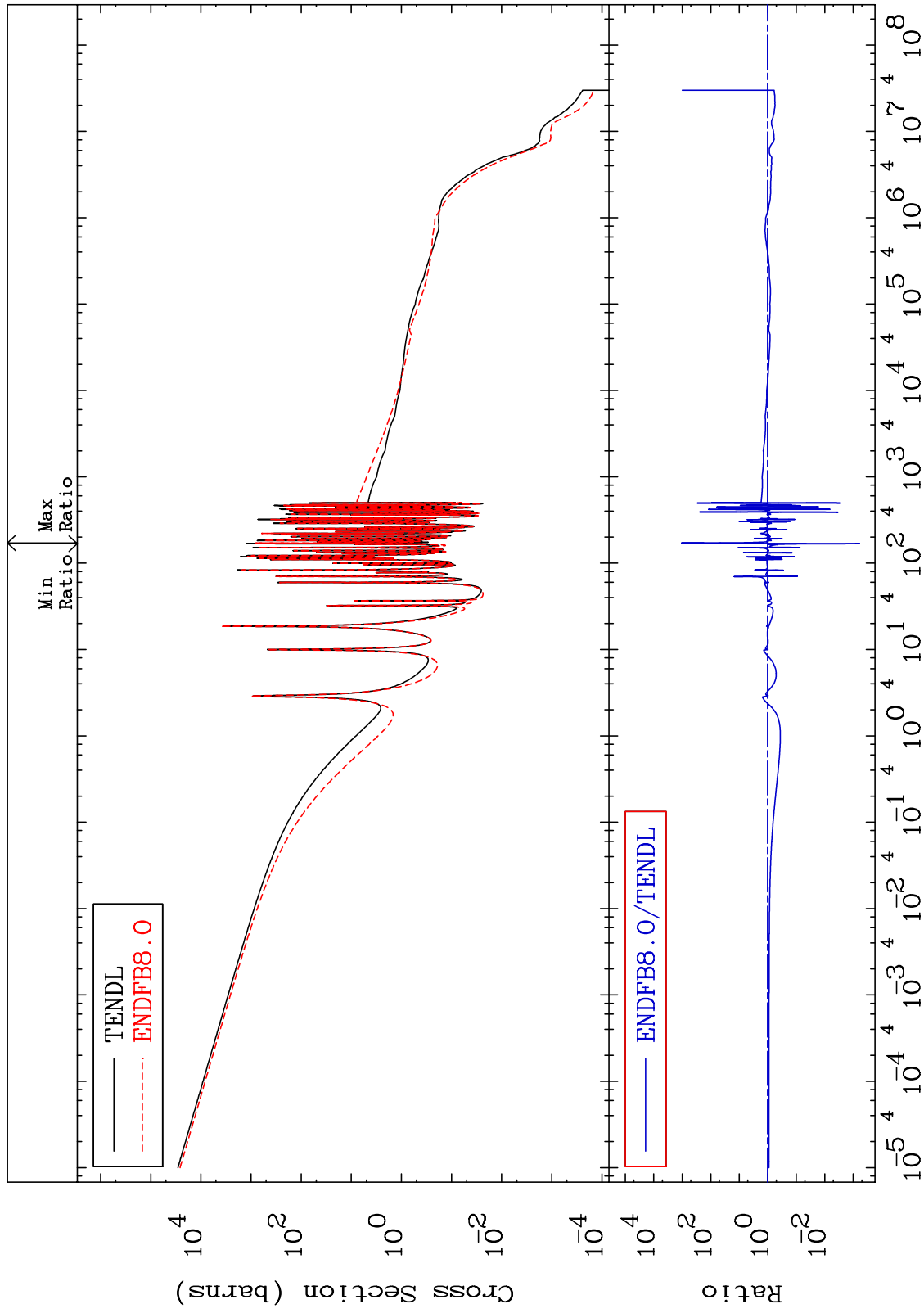
MAT 9434 (n, n') Continuum Cross Section 94-Pu-238 -9.465 To 645.1 %



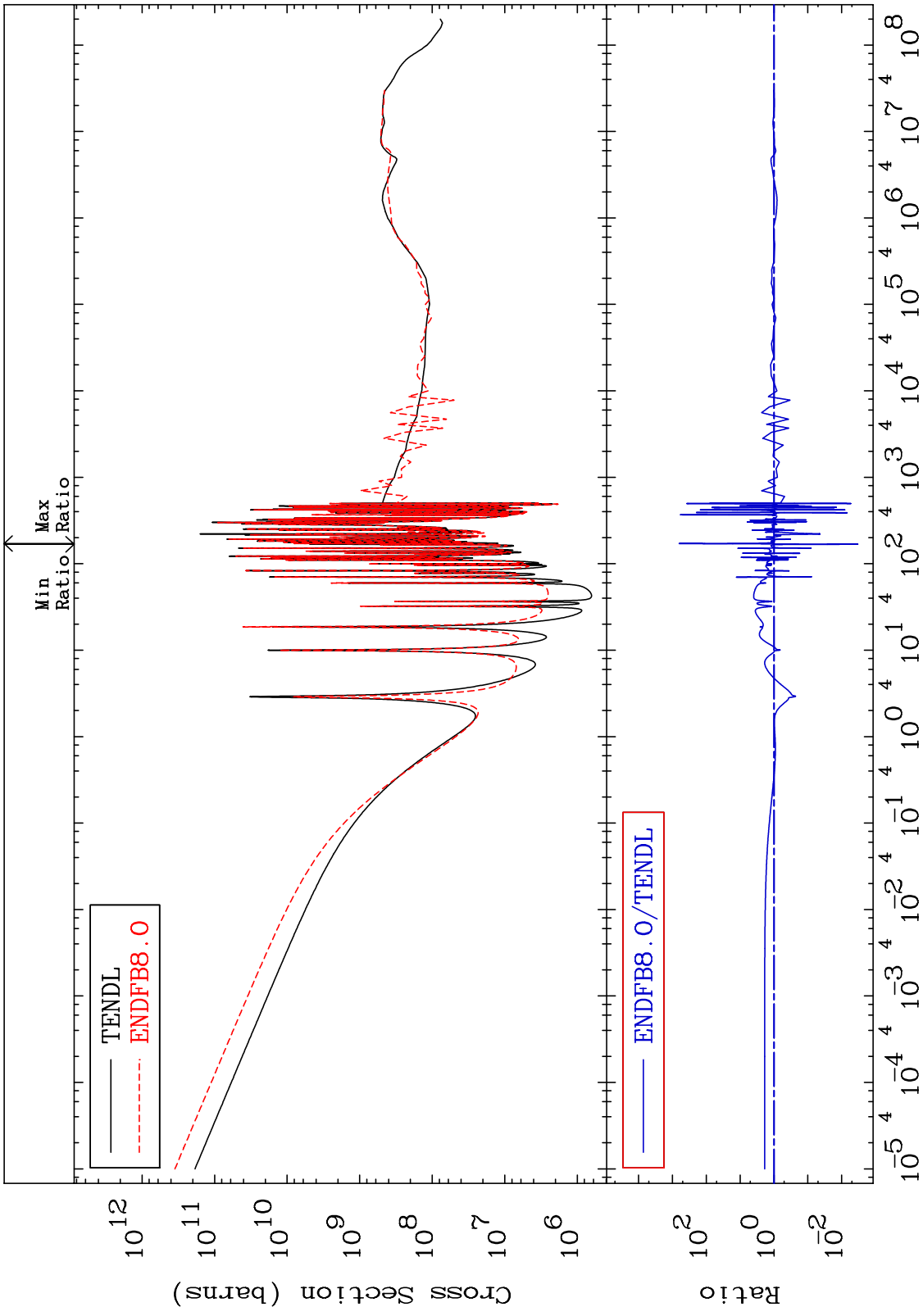
MAT 9434

(n, γ)
Cross Section

94-Pu-238
-99.94 To 9999. %



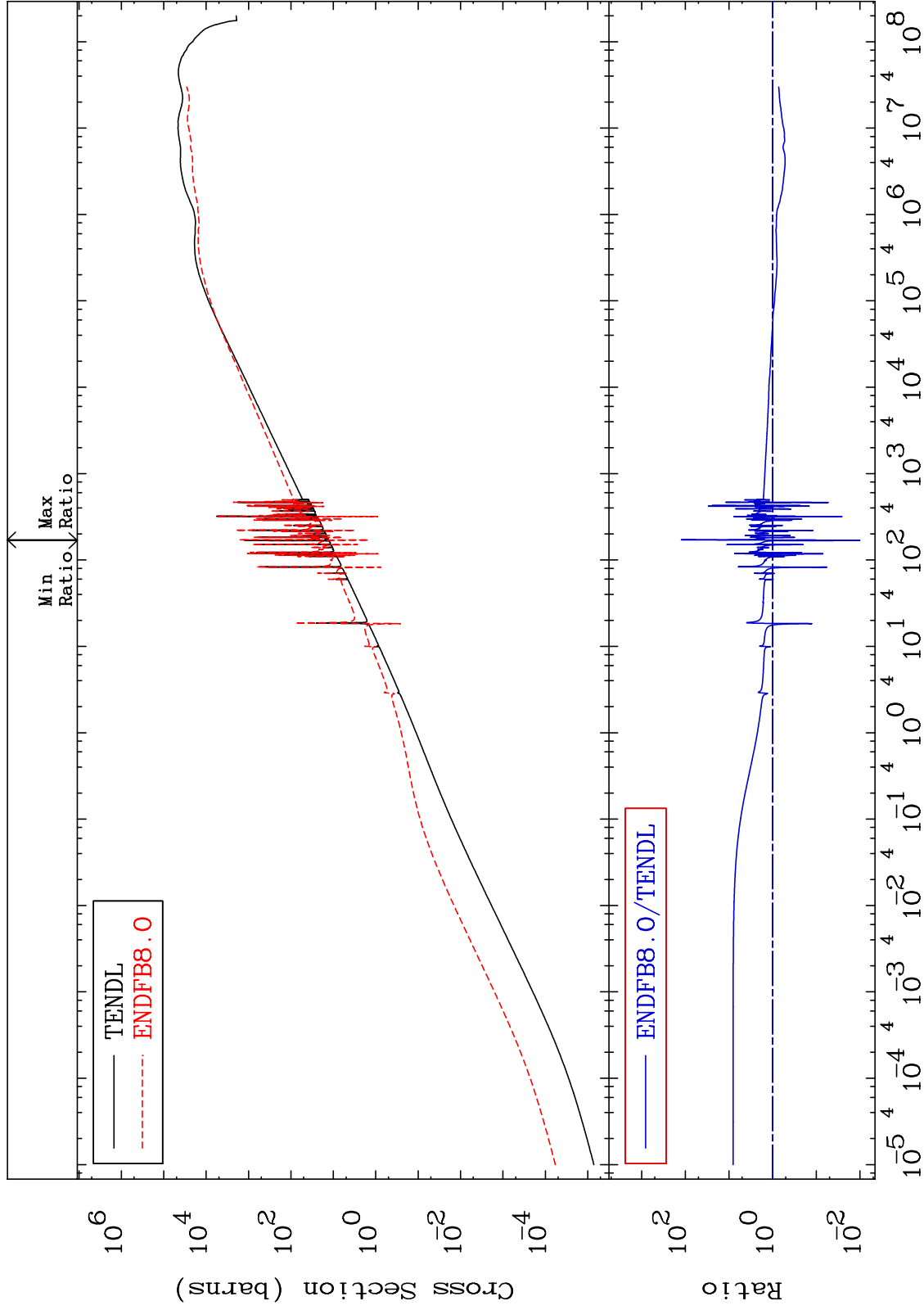
MAT 9434 Kerma total (eV-barns) 94-Pu-238
 Cross Section -99.67 To 9999. %



MAT 9434

Kerma elastic
Cross Section

94-Pu-238
-98.99 To 9999. %



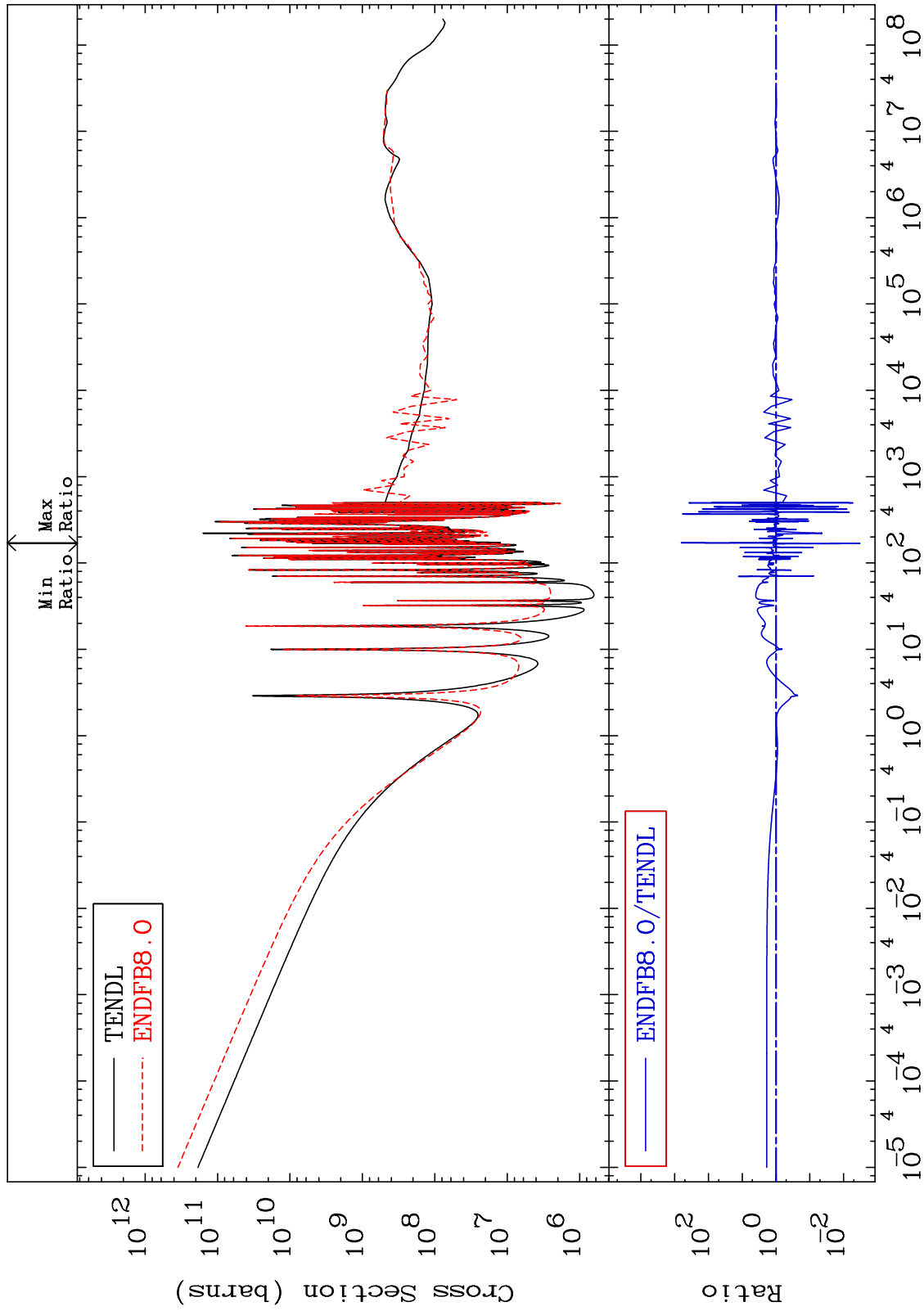
MAT 9434

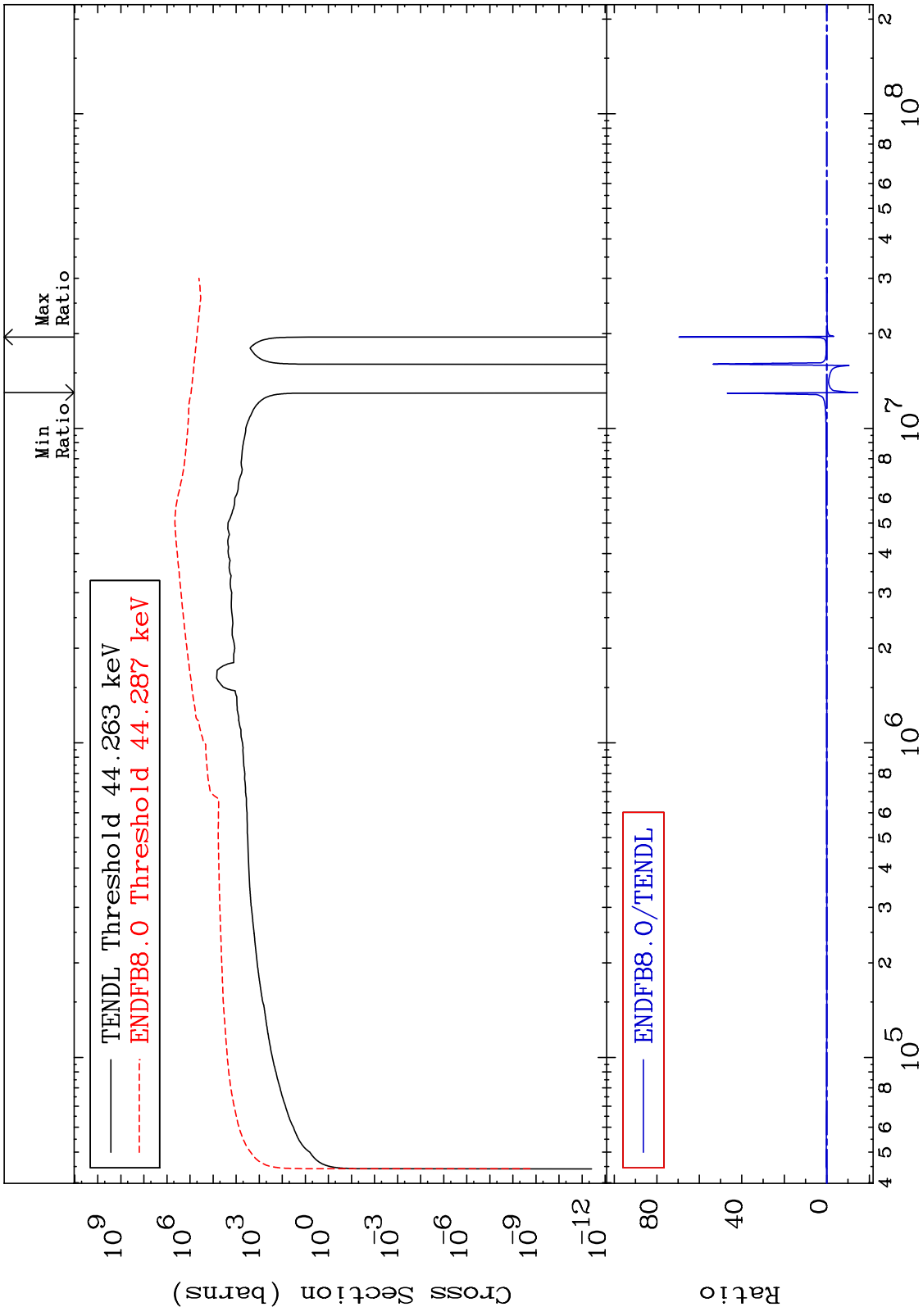
Kerma non-elastic (all but mt.2)

94-Pu-238

-99.67 To 9999. %

Cross Section

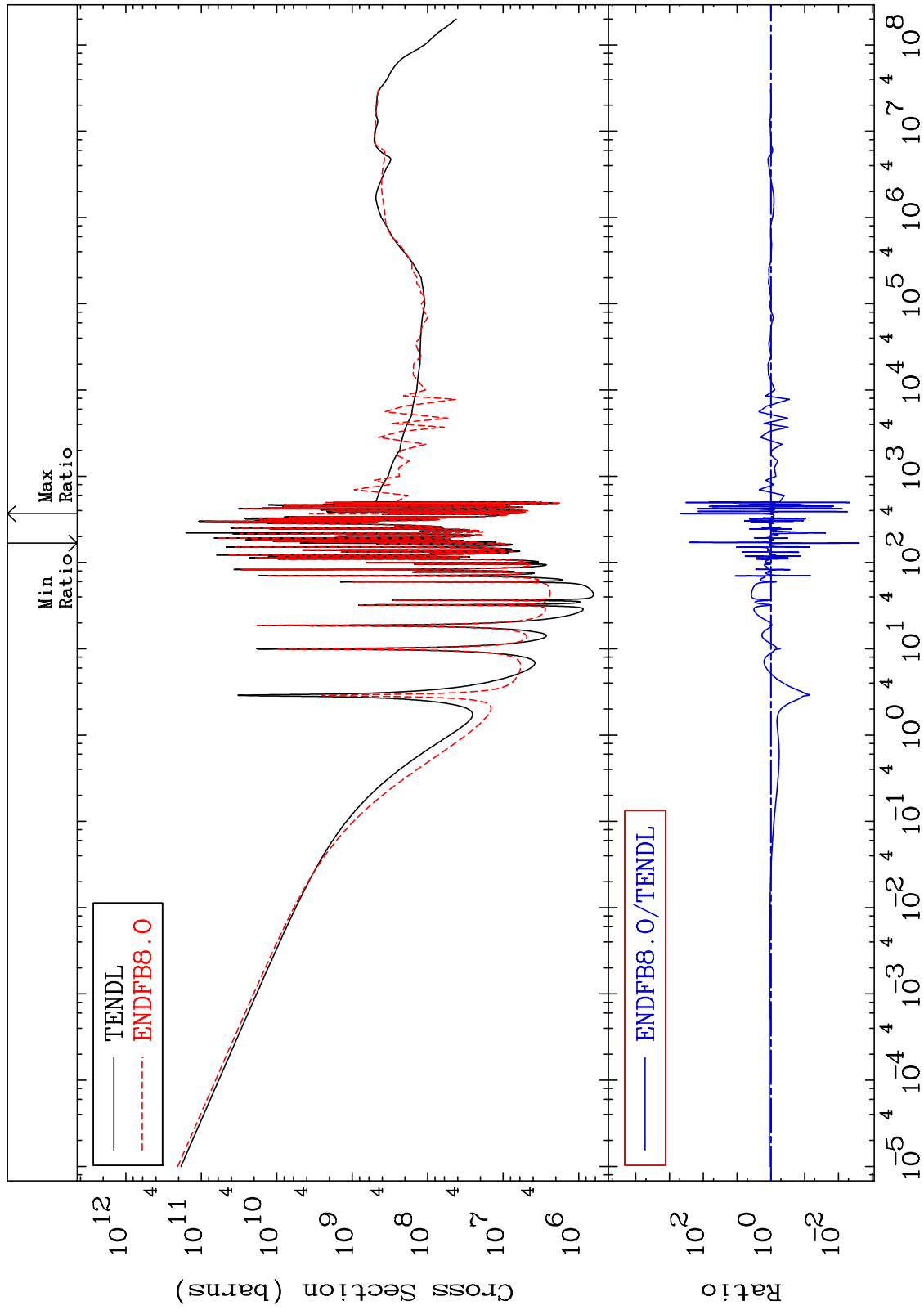




MAT 9434

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

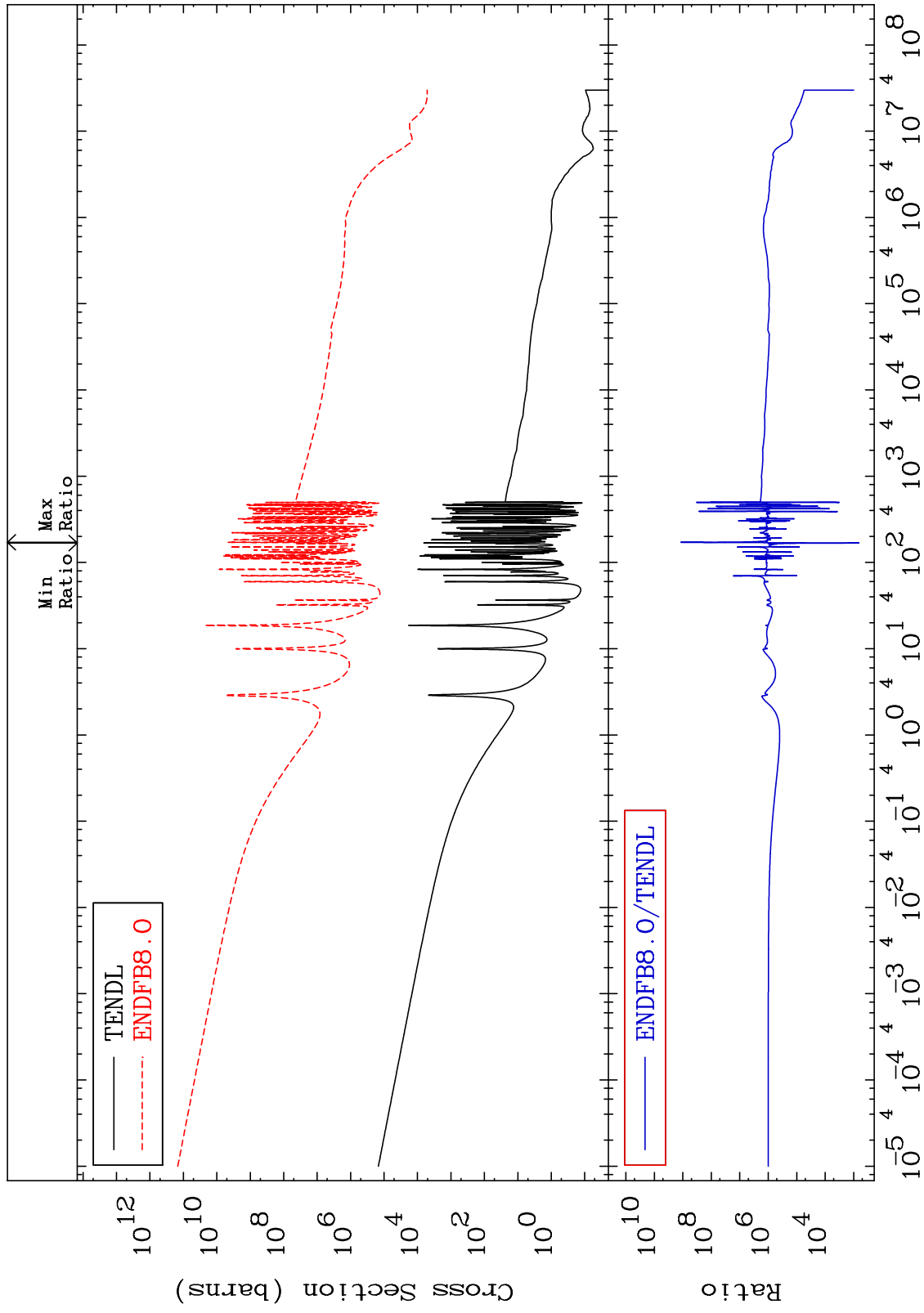
94-Pu-238
-99.75 To 9999. %



MAT 9434

Kerma capture (mt102)
Cross Section

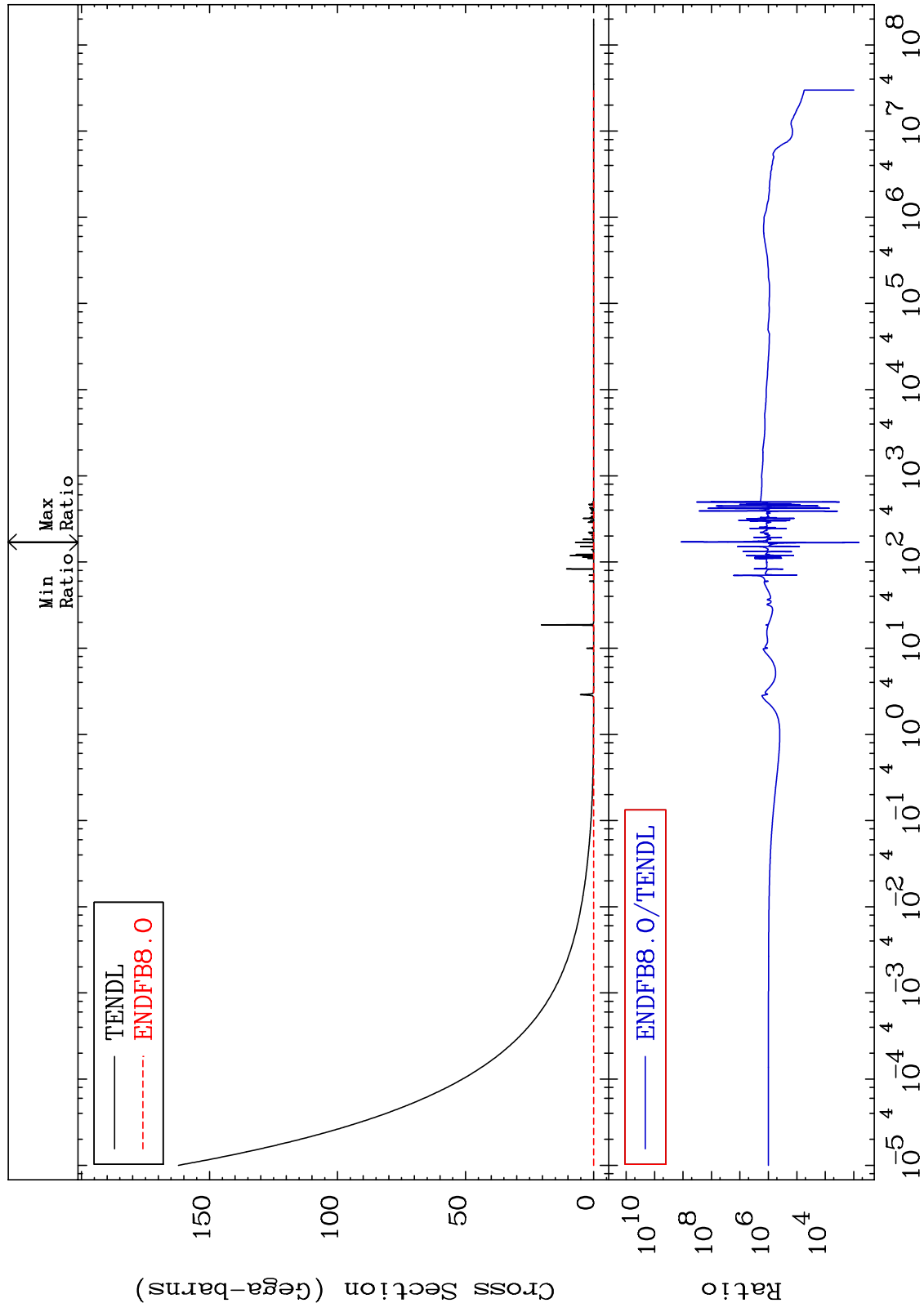
94-Pu-238
9999. To 9999. %



MAT 9434

Total photon (eV-barns)
Cross Section

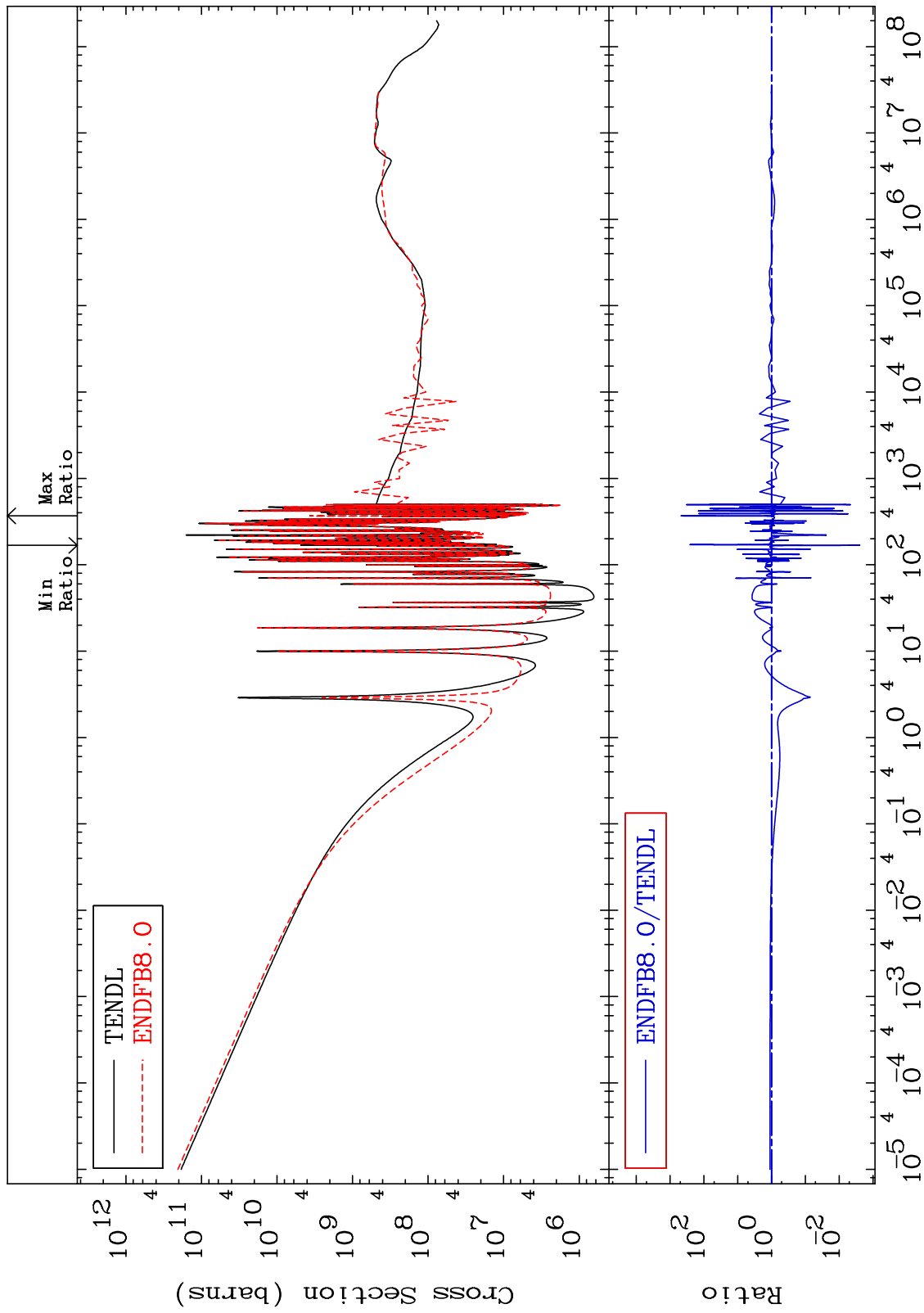
94-Pu-238
9999. To 9999. %



MAT 9434

Total kinematic kerma (high limit)
Cross Section

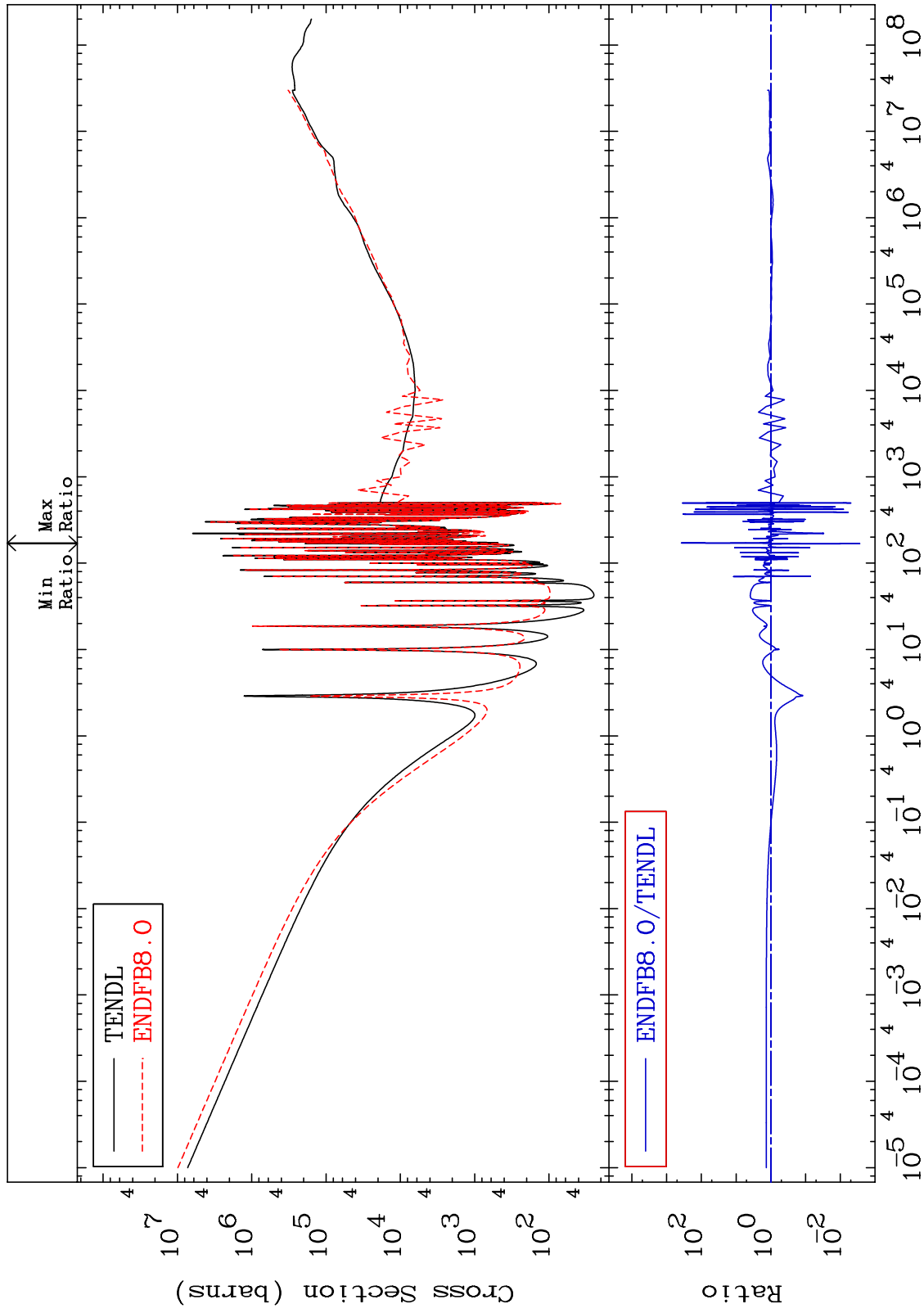
94-Pu-238
-99.75 To 9999. %



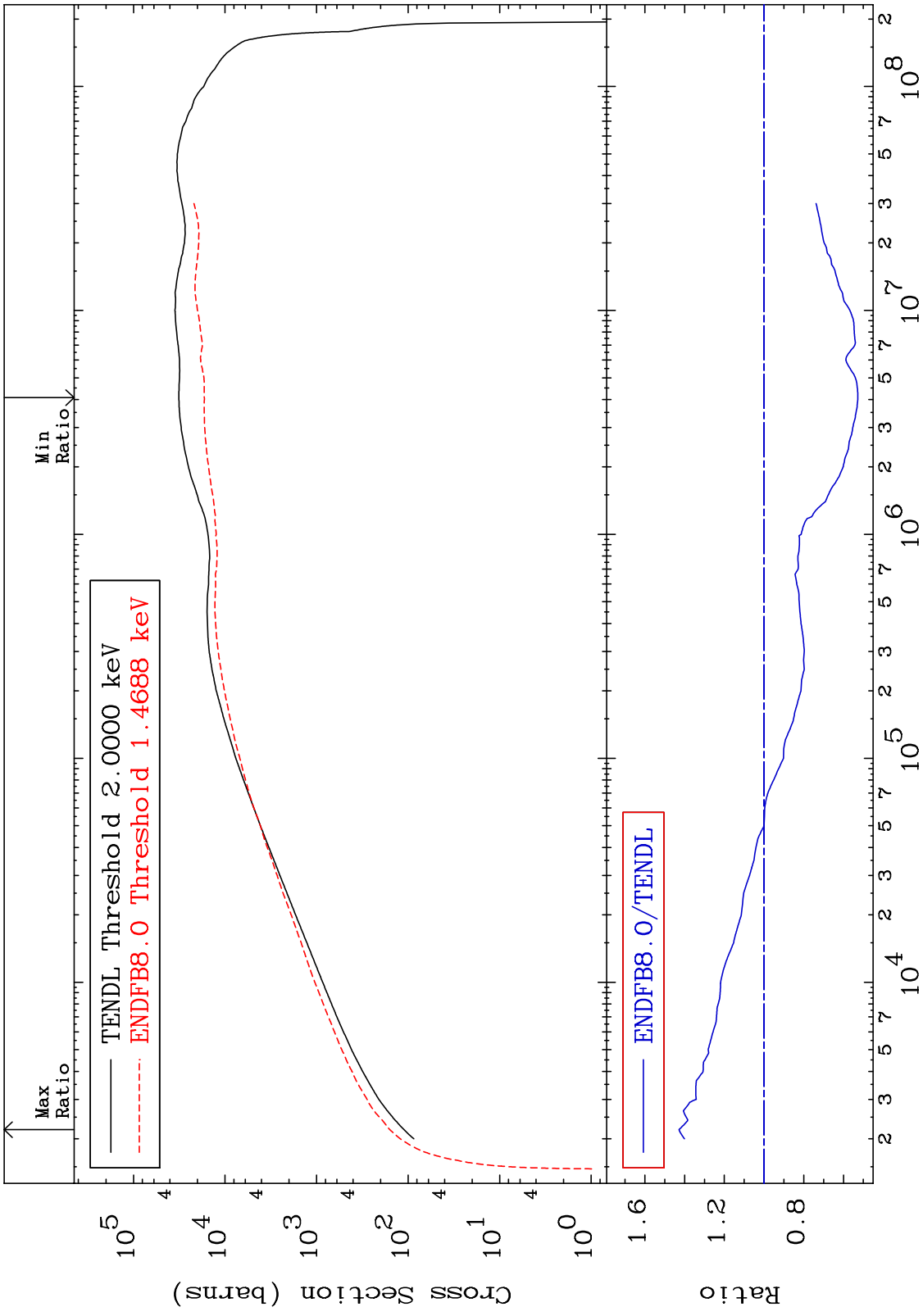
MAT 9434

Dpa total (eV-barns)
Cross Section

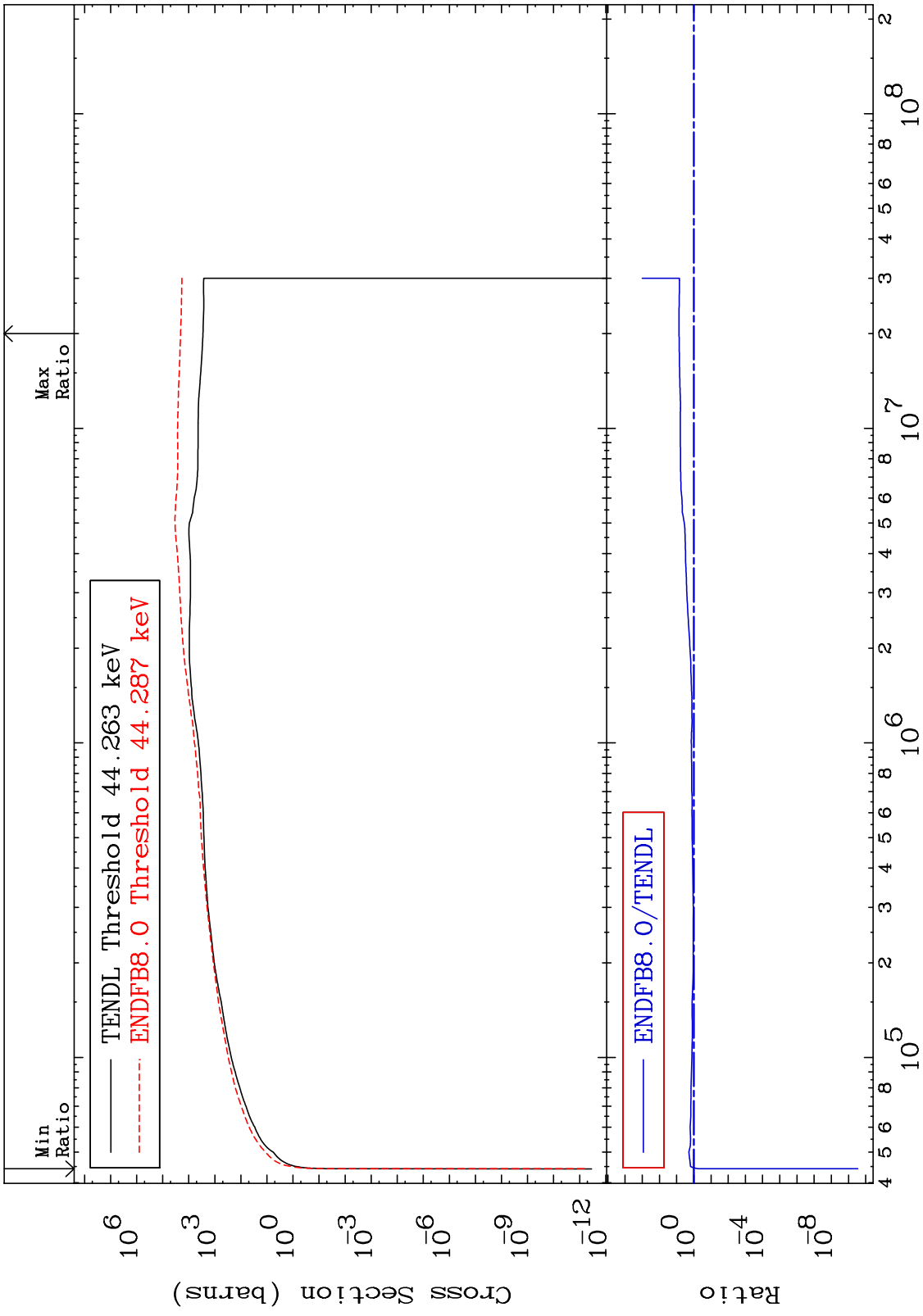
94-Pu-238
-99.73 To 9999. %



MAT 9434 94-Pu-238
 Dpa elastic (mt2) -47.23 To 42.80 %
 Cross Section



MAT 9434 Dpa inelastic (mt51-91) 94-Pu-238
 Cross Section -100.0 To 625.2 %



MAT 9434

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-238
-99.73 To 9999. %

