

Program Complot
(Version 2018-1)

by

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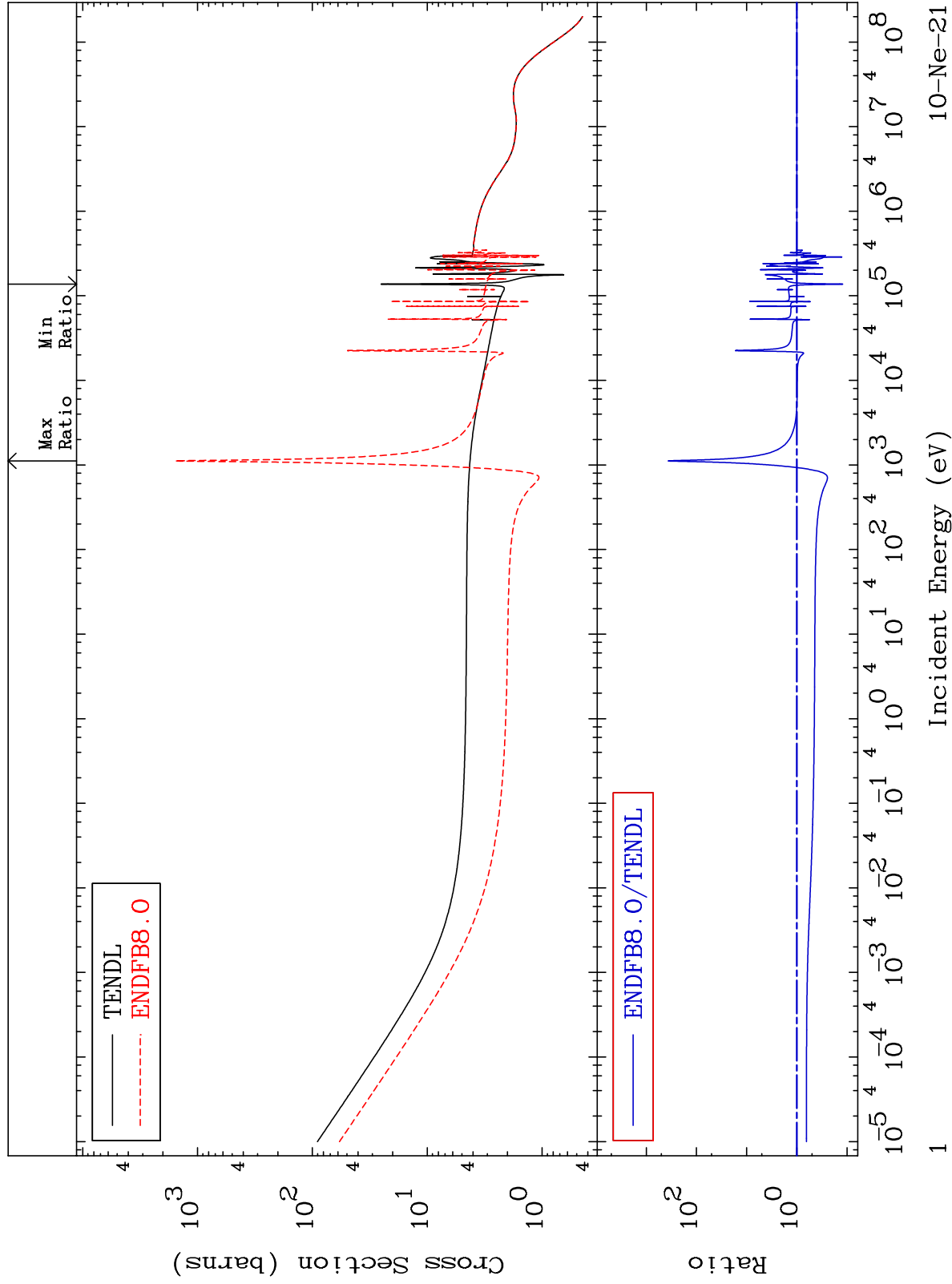
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1028

Total
Cross Section

10-Ne-21
-87.91 To 9999. %



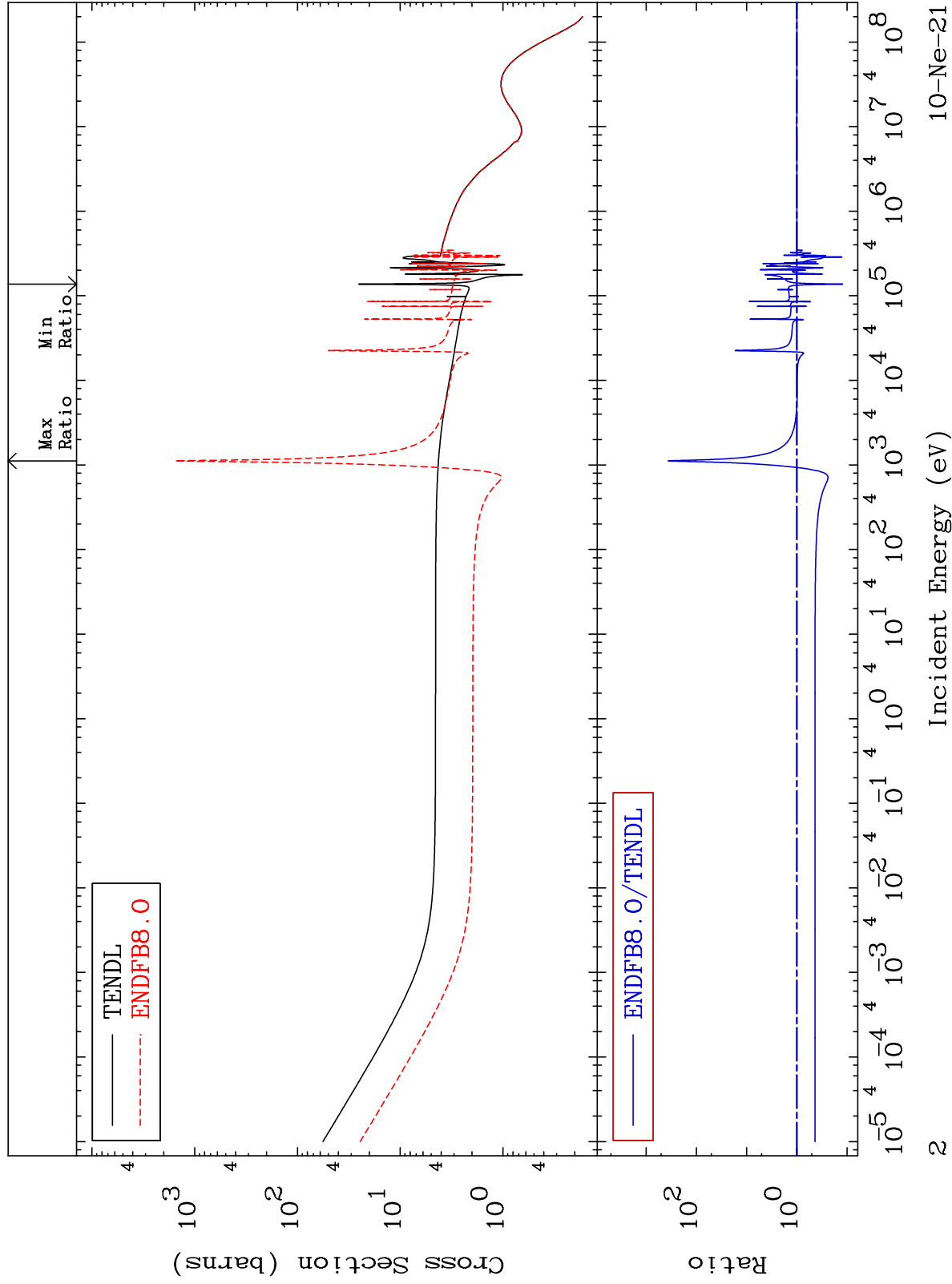
MAT 1028

Elastic

Cross Section

10-Ne-21

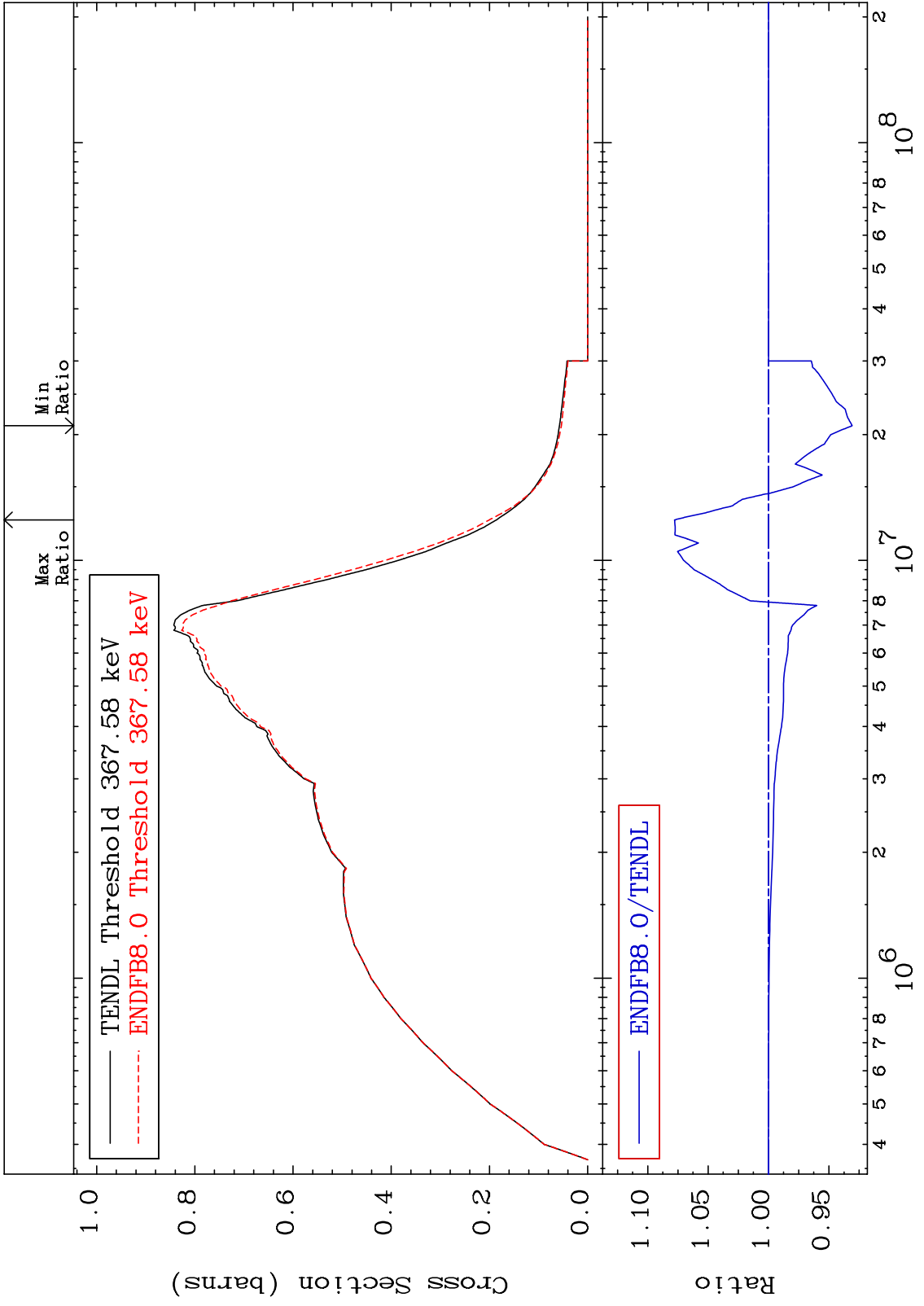
-87.91 To 9999. %



MAT 1028

Inelastic
Cross Section

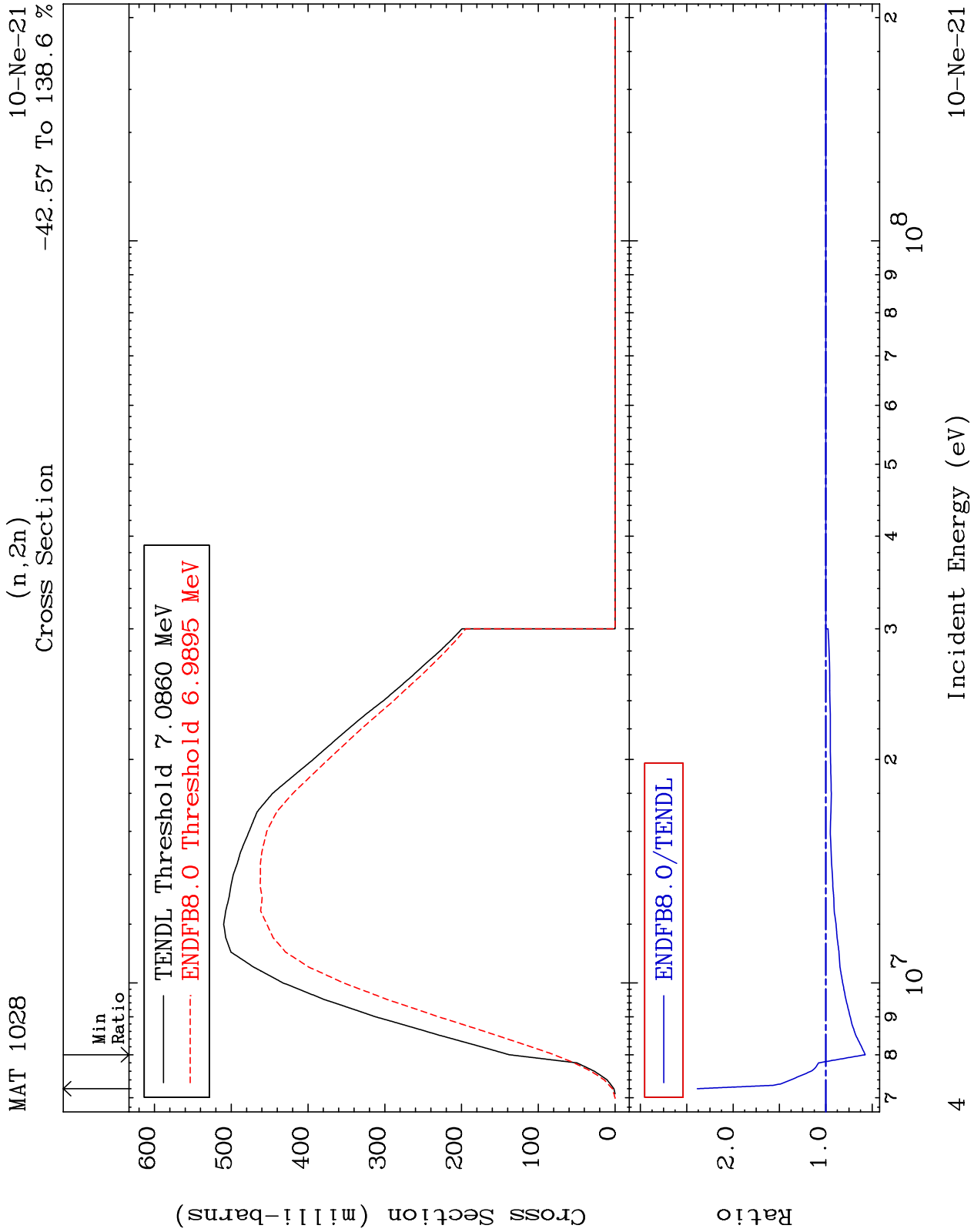
10-Ne-21
-6.928 To 7.776 %

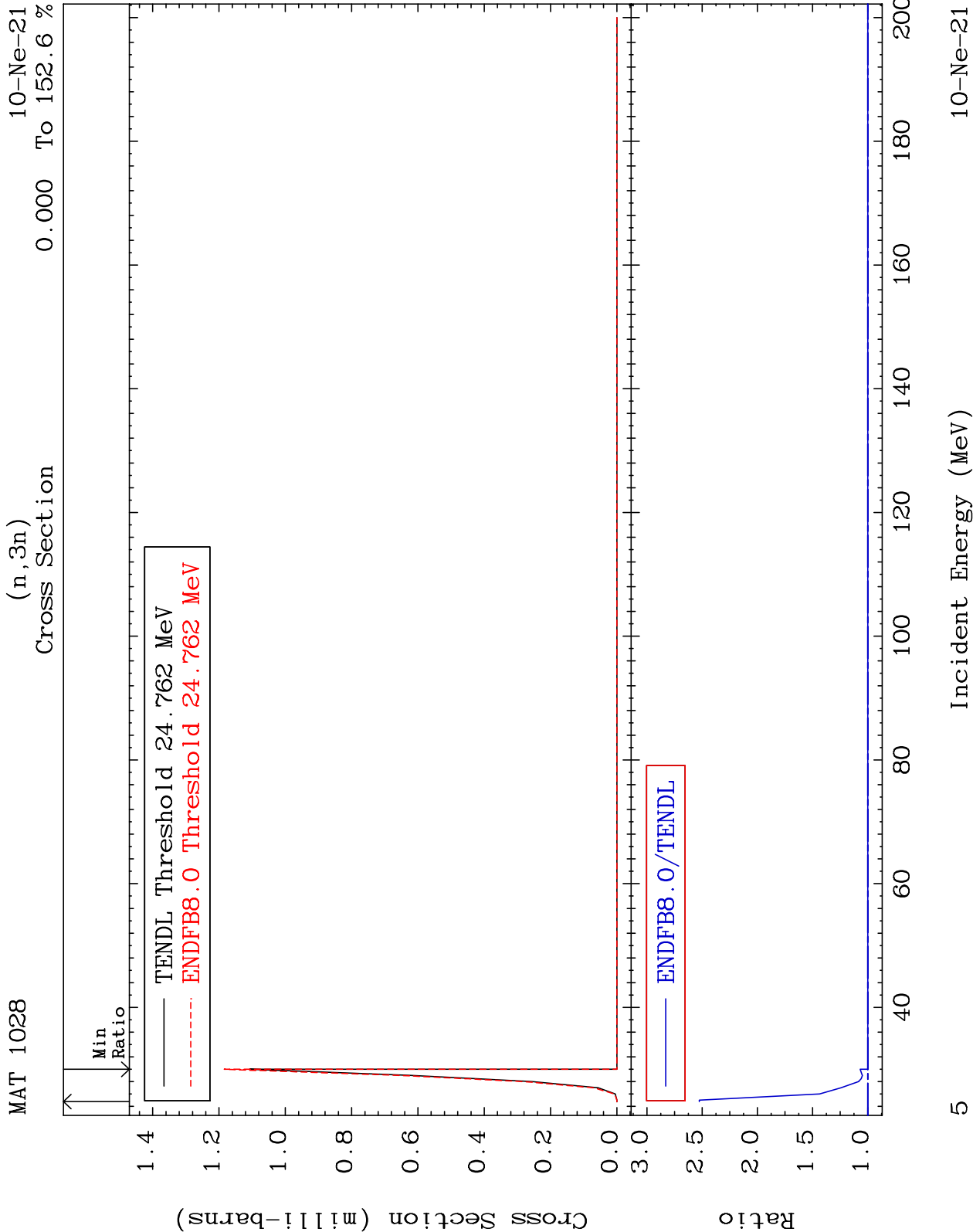


3

Incident Energy (eV)

10-Ne-21





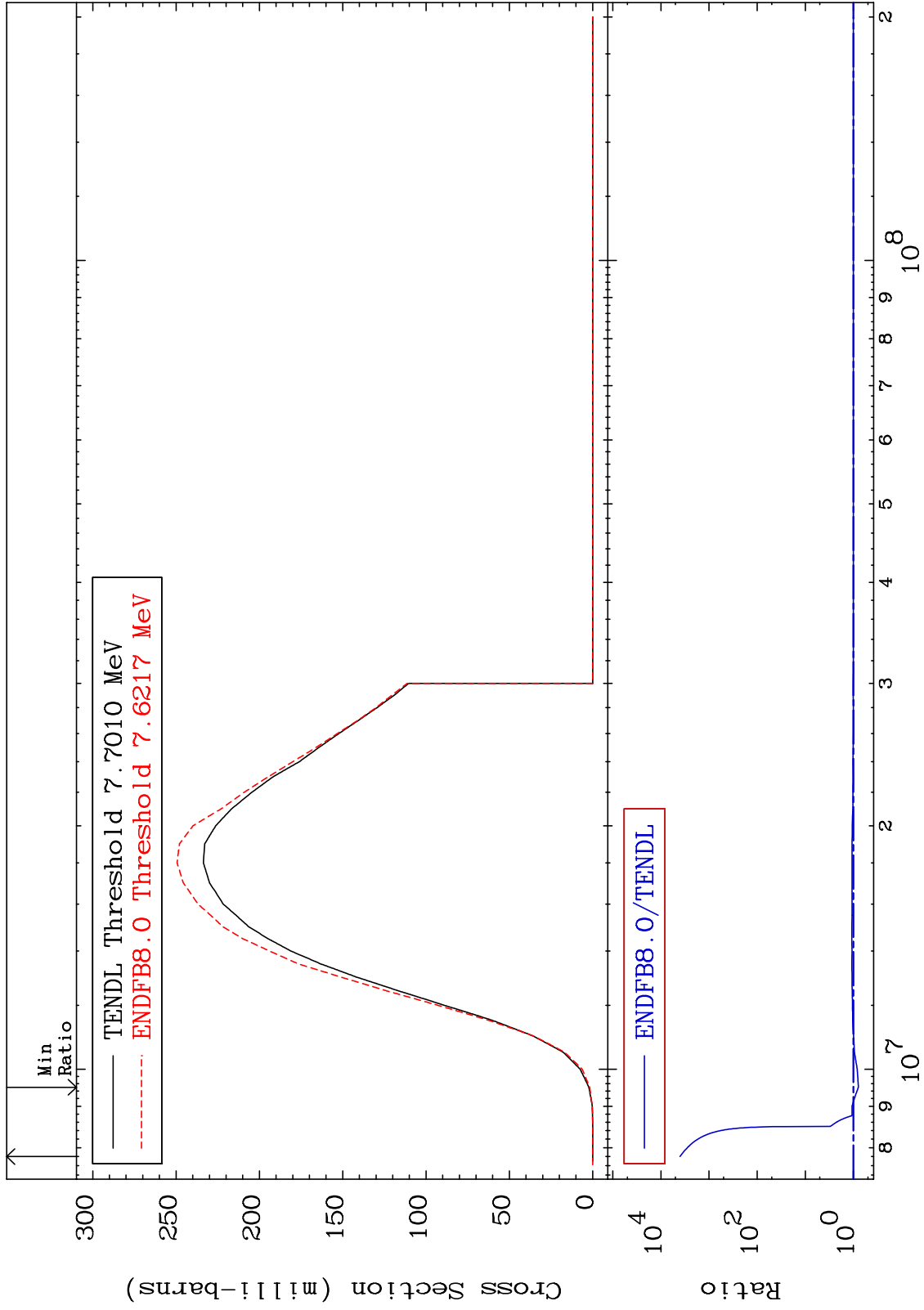
MAT 1028

(n,n') α

10-Ne-21

Cross Section

-21.24 To 9999. %



6

Incident Energy (eV)

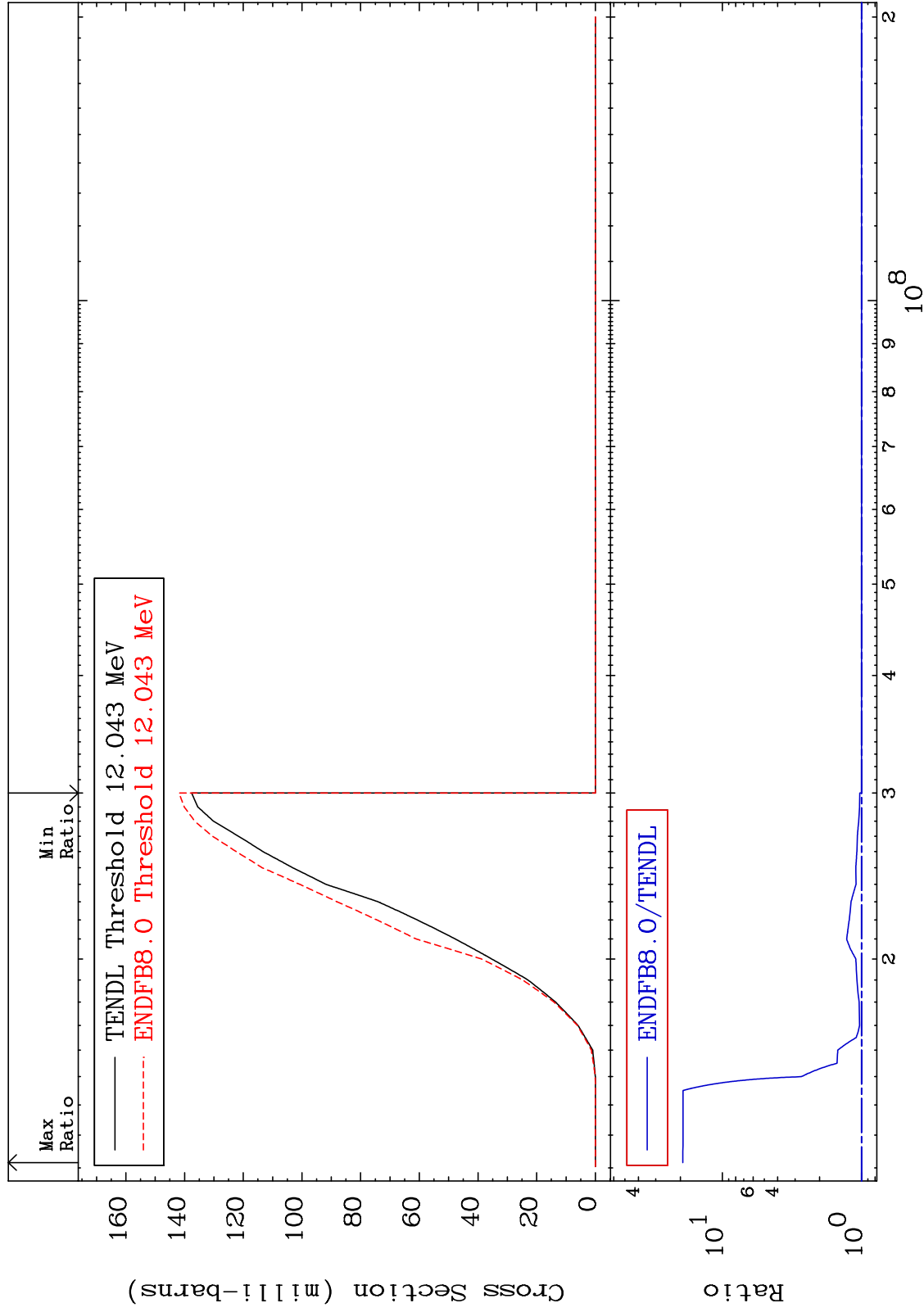
10-Ne-21

MAT 1028

(n,2n) α

Cross Section

10-Ne-21
To 1817. %
0.000



MAT 1028

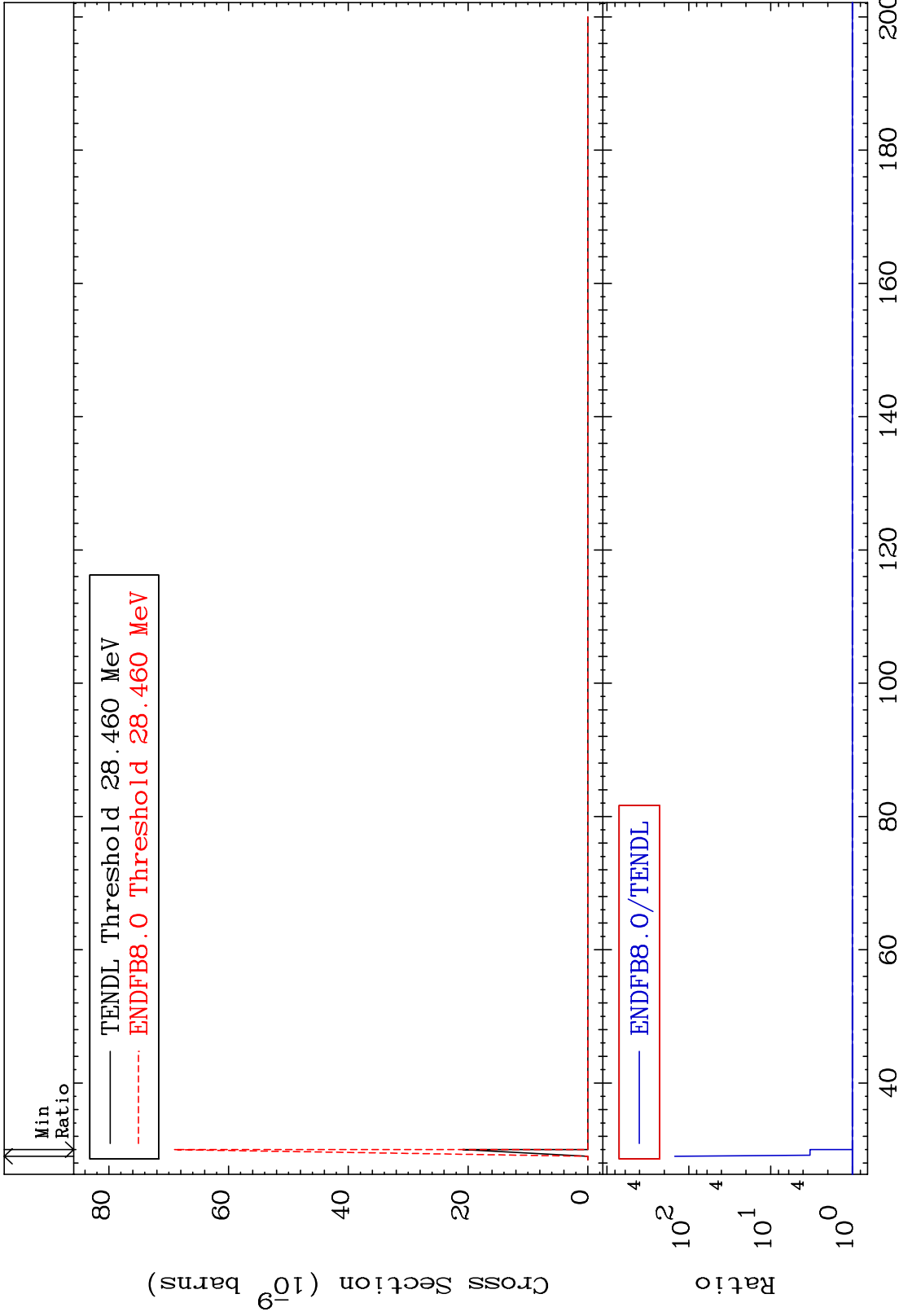
(n,3n) α

10-Ne-21

Cross Section

0.000

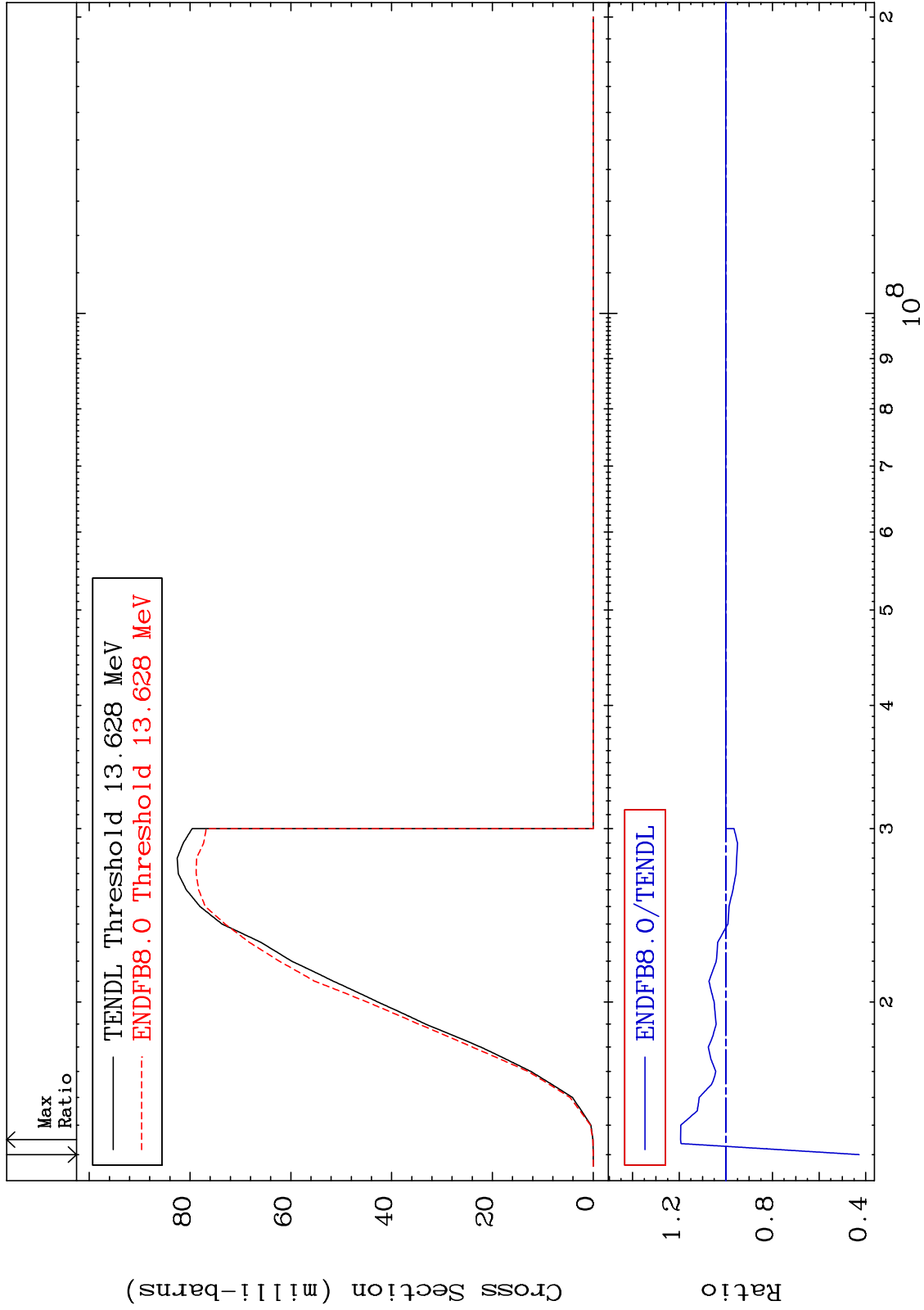
To 9999. %

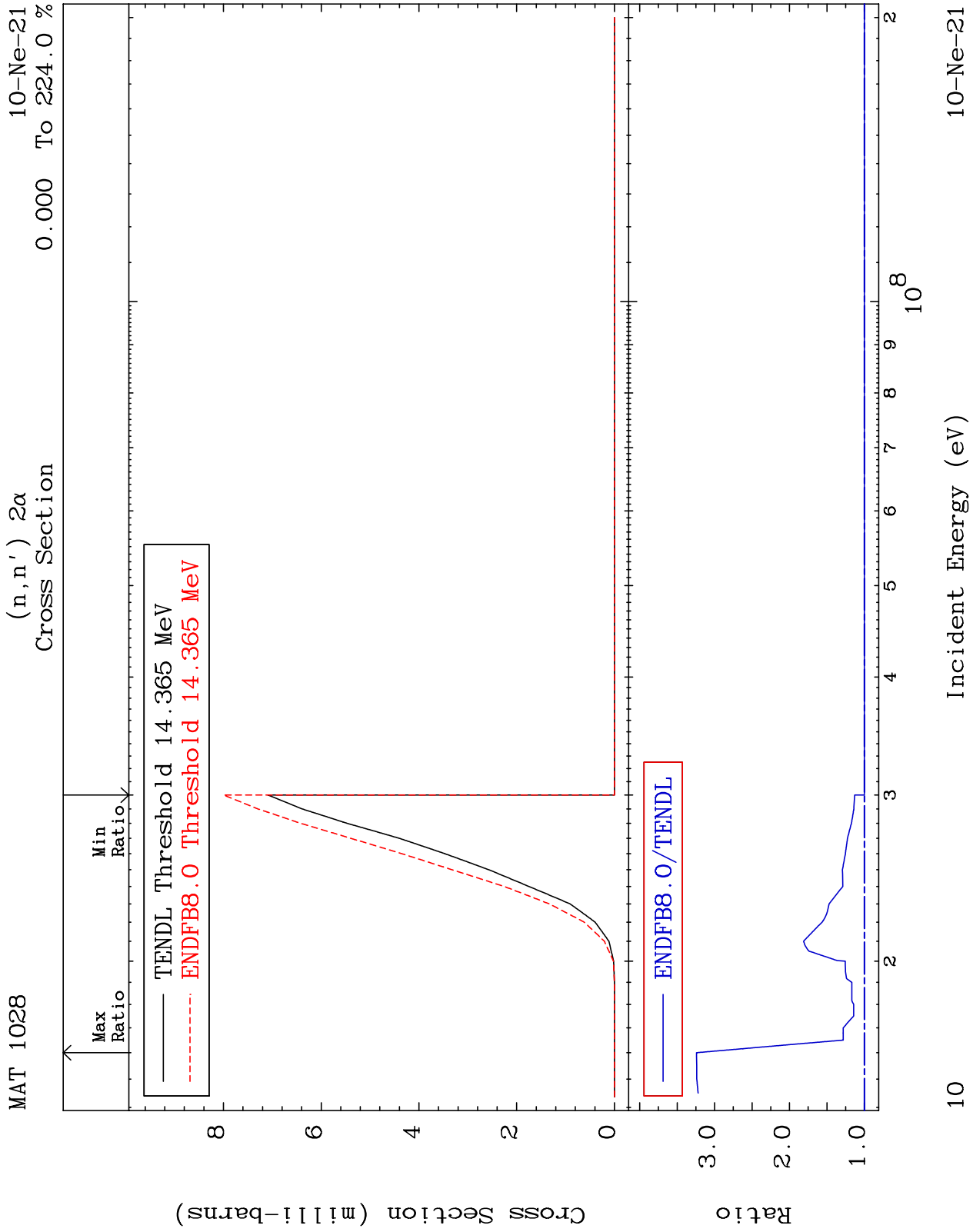


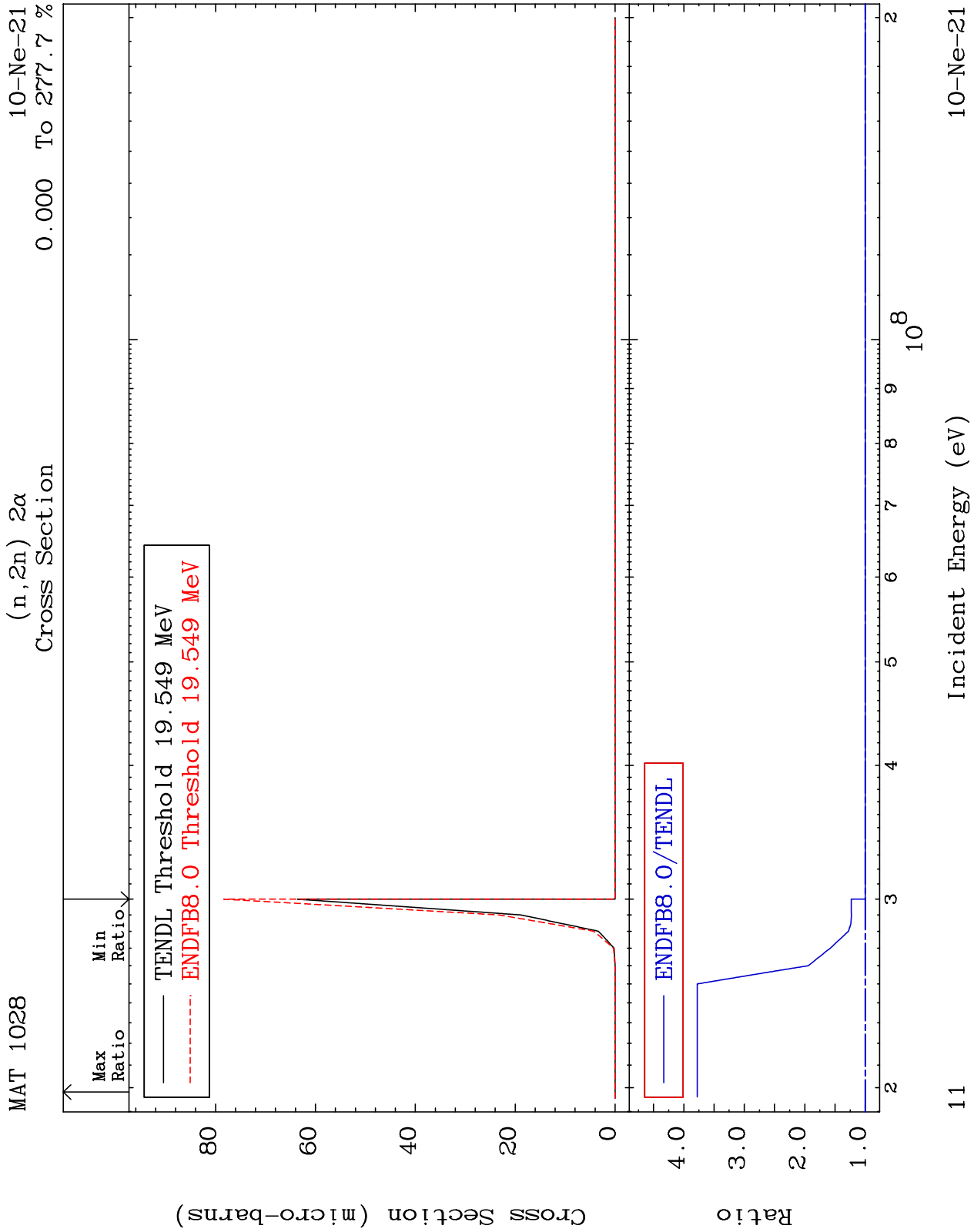
MAT 1028

(n,n') p
Cross Section

10-Ne-21
-57.19 To 19.40 %







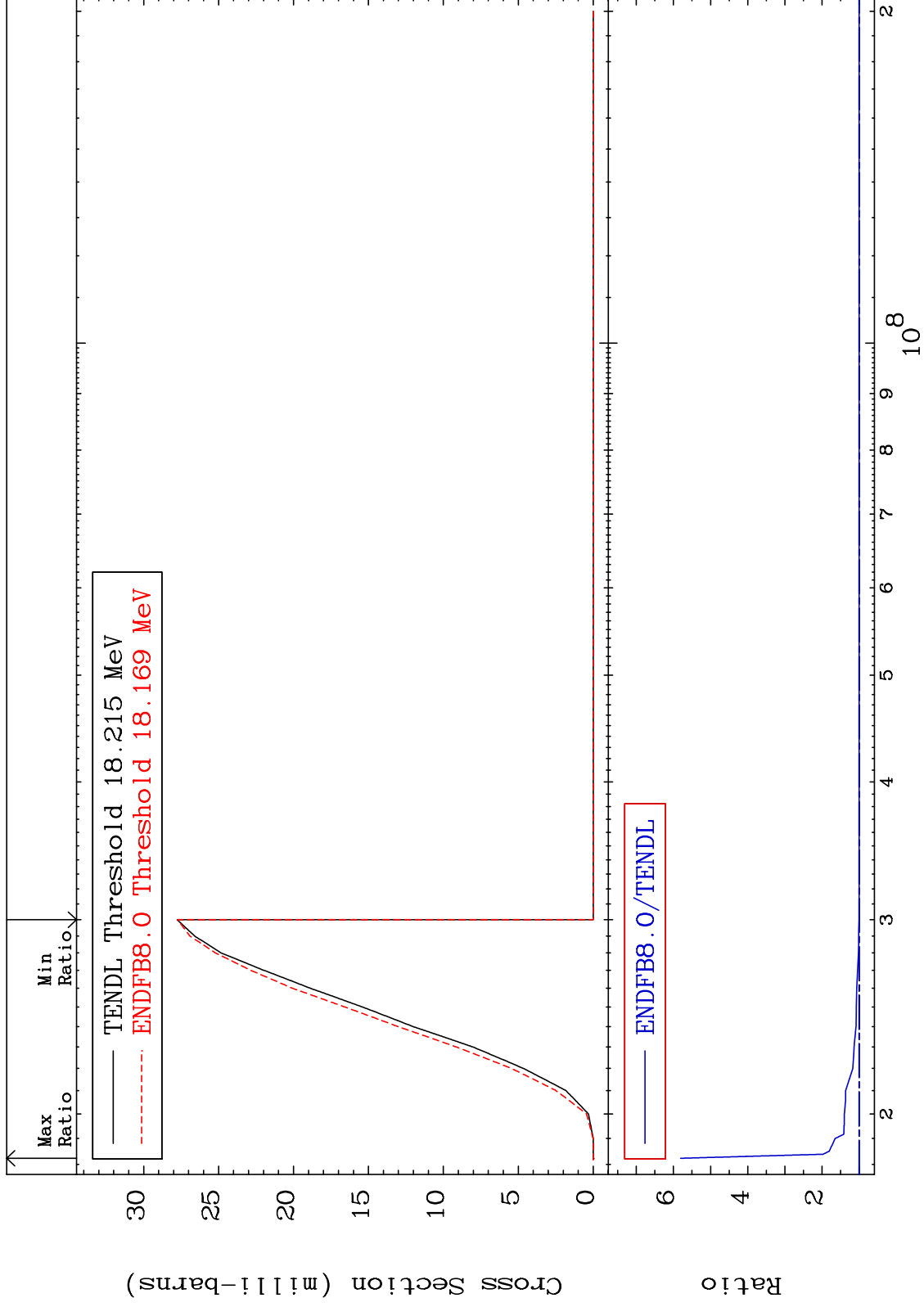
MAT 1028

(n,n') d

10-Ne-21

Cross Section

-0.085 To 480.7 %



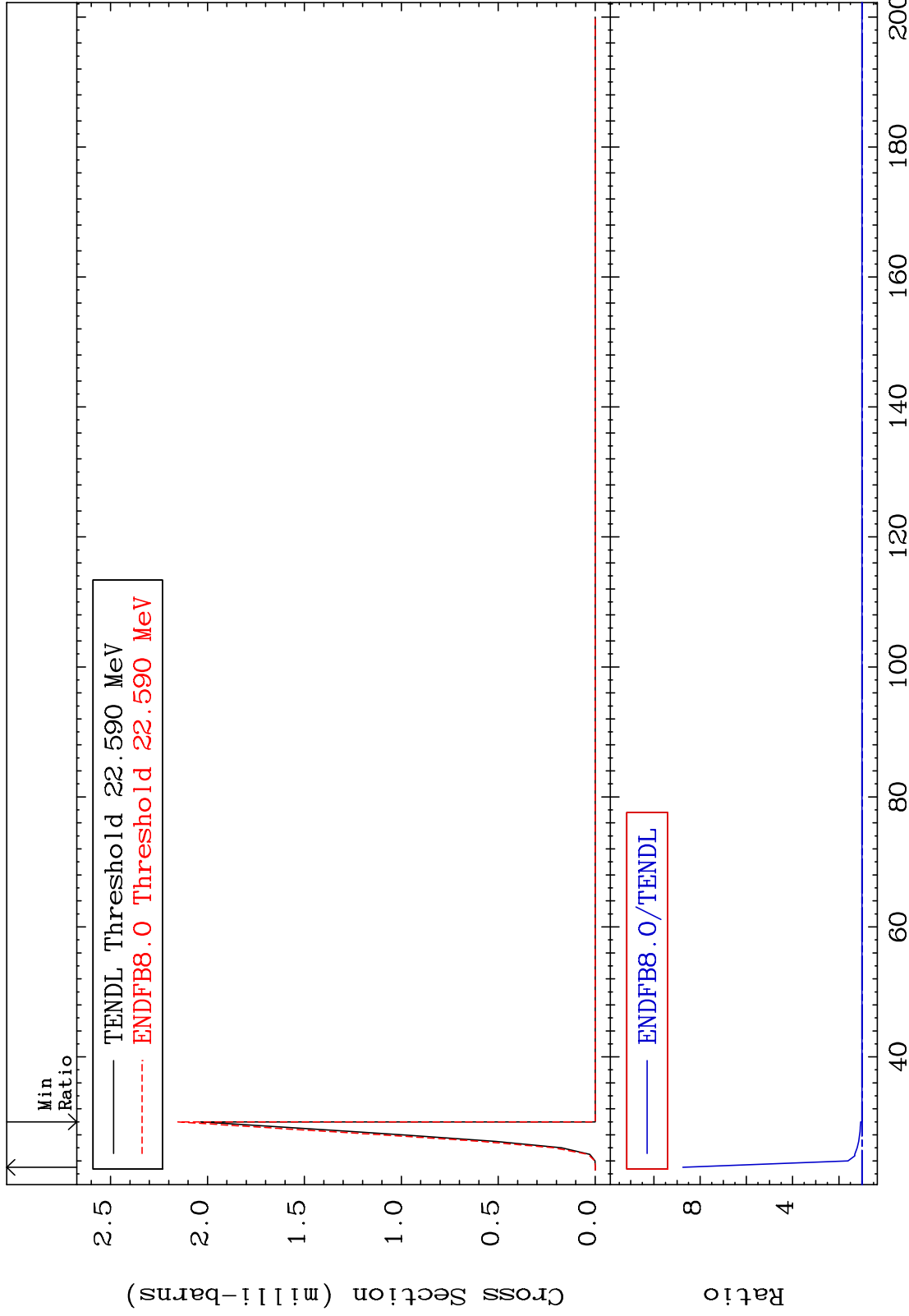
MAT 1028

(n,n') t

10-Ne-21

Cross Section

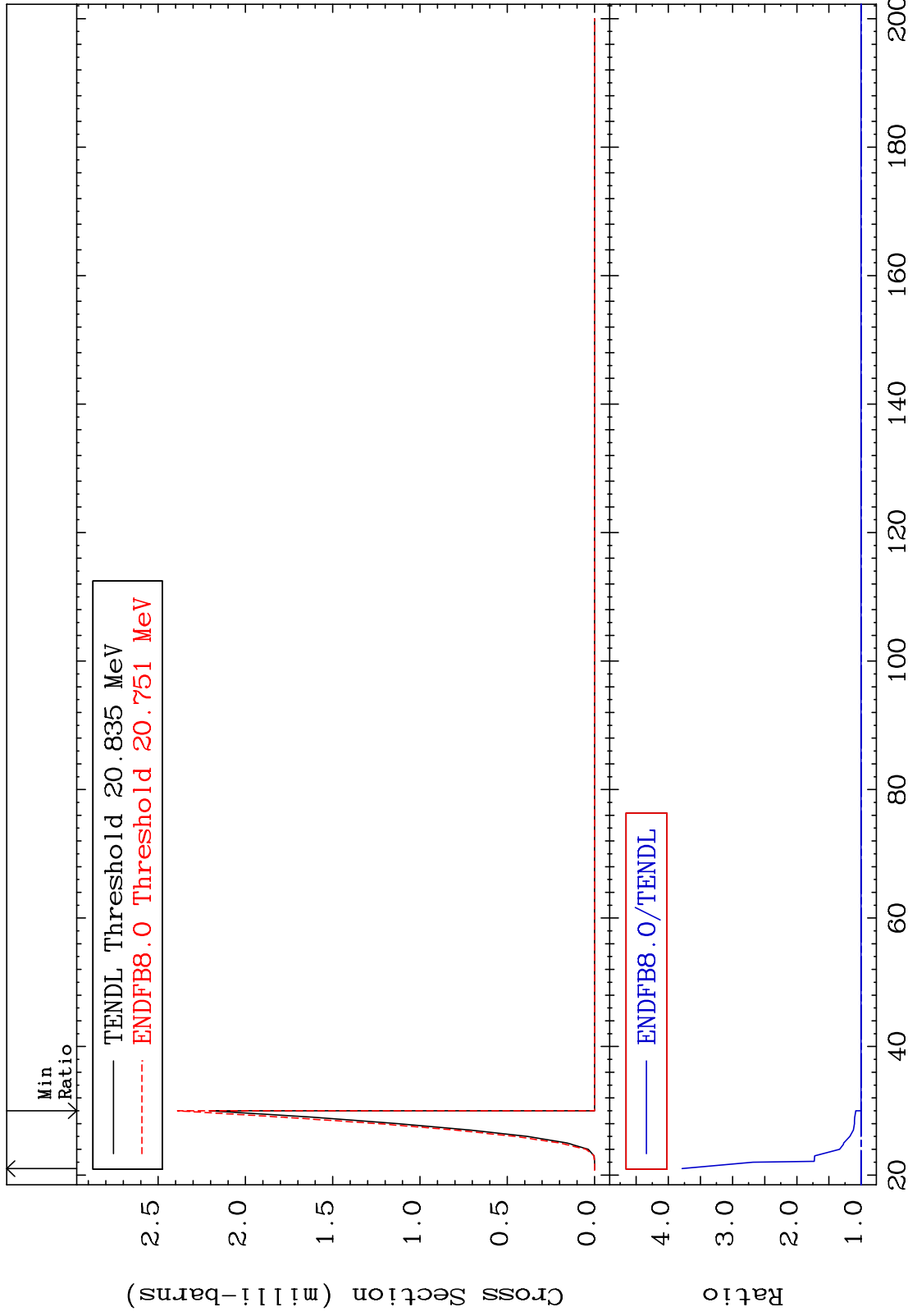
0.000 To 774.7 %



MAT 1028

(n,n') He-3
Cross Section

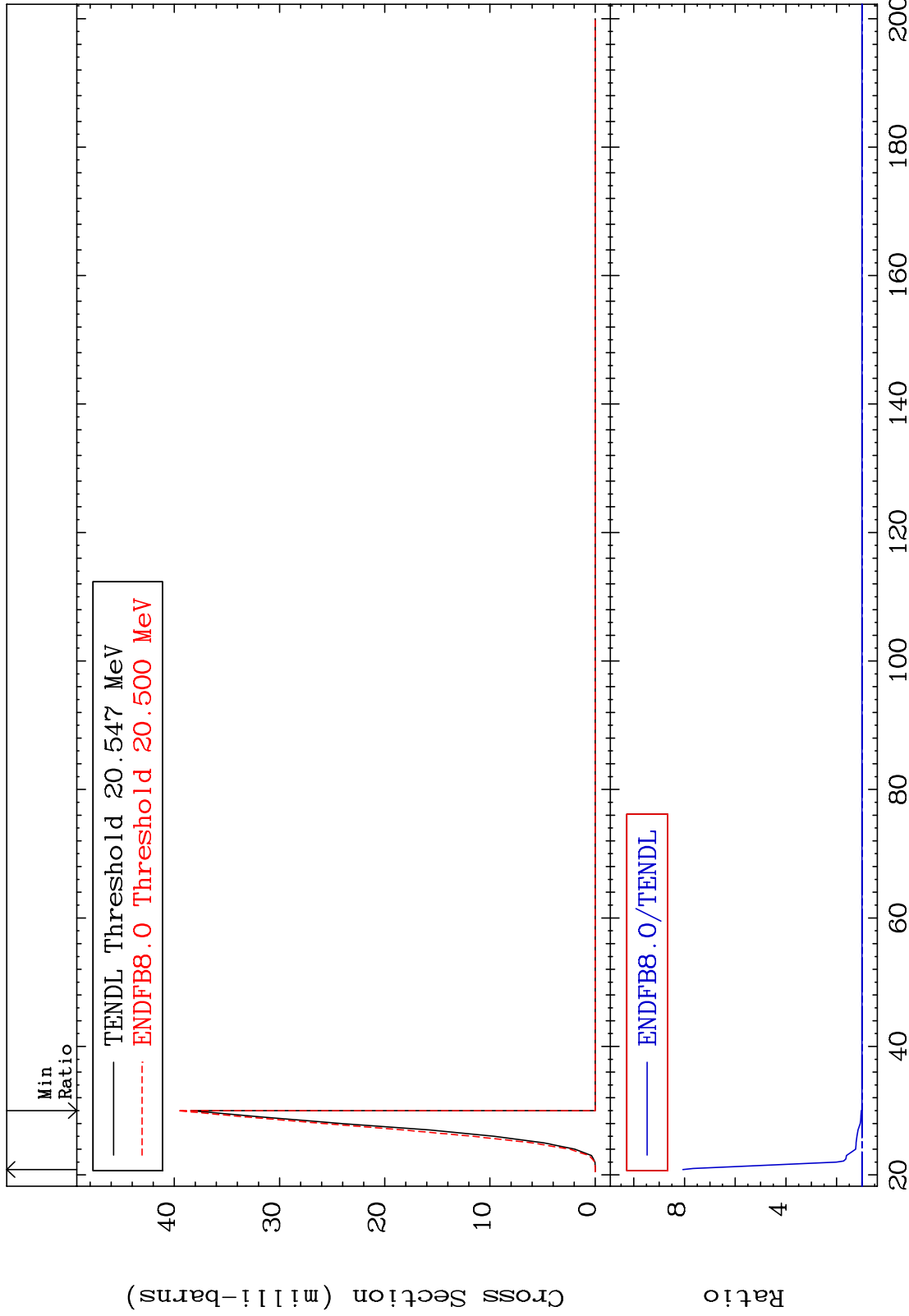
10-Ne-21
0.000 To 278.5 %



MAT 1028

(n,2n) p
Cross Section

10-Ne-21
To 706.4 %
0.000



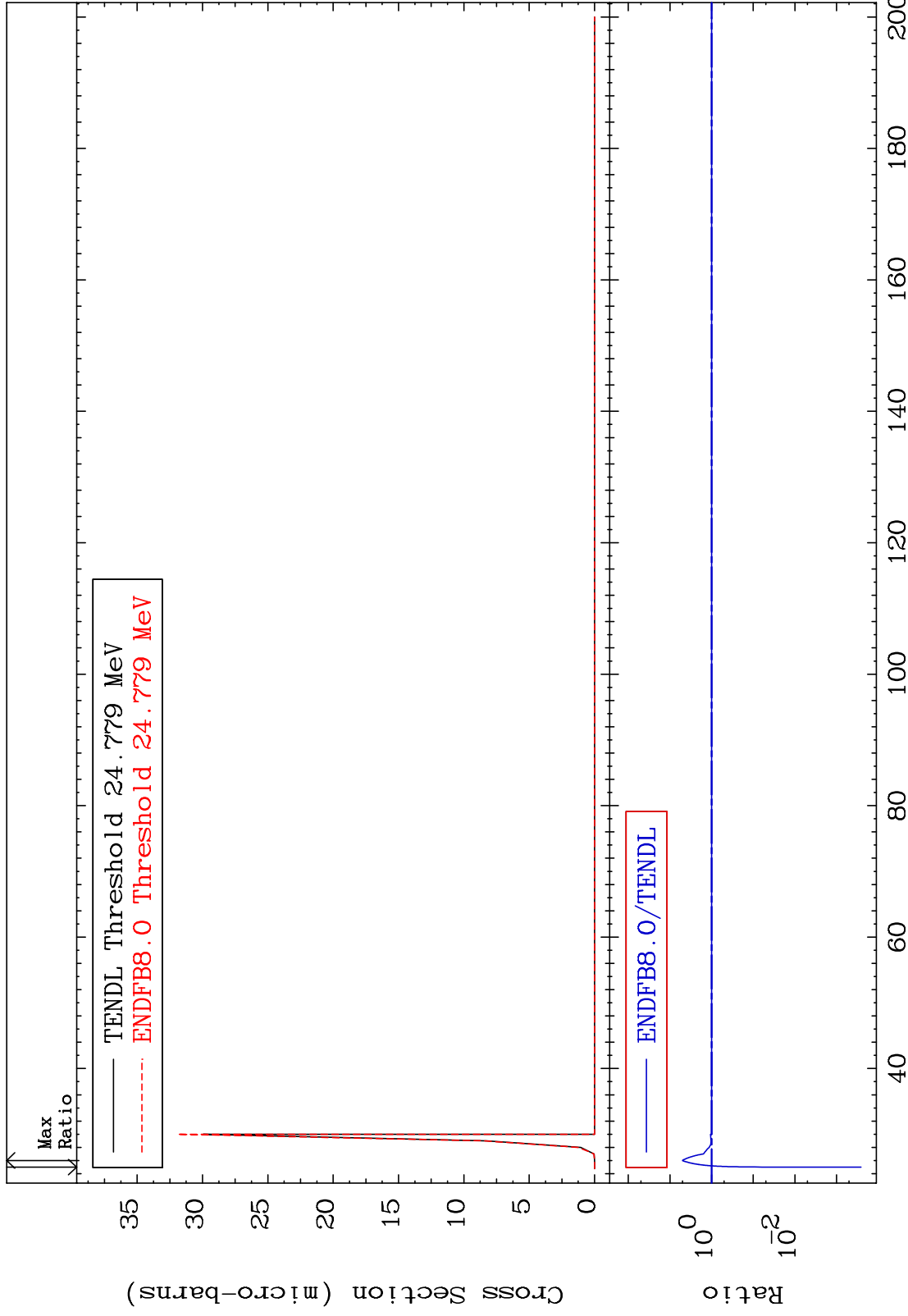
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,2n) p
Cross Section

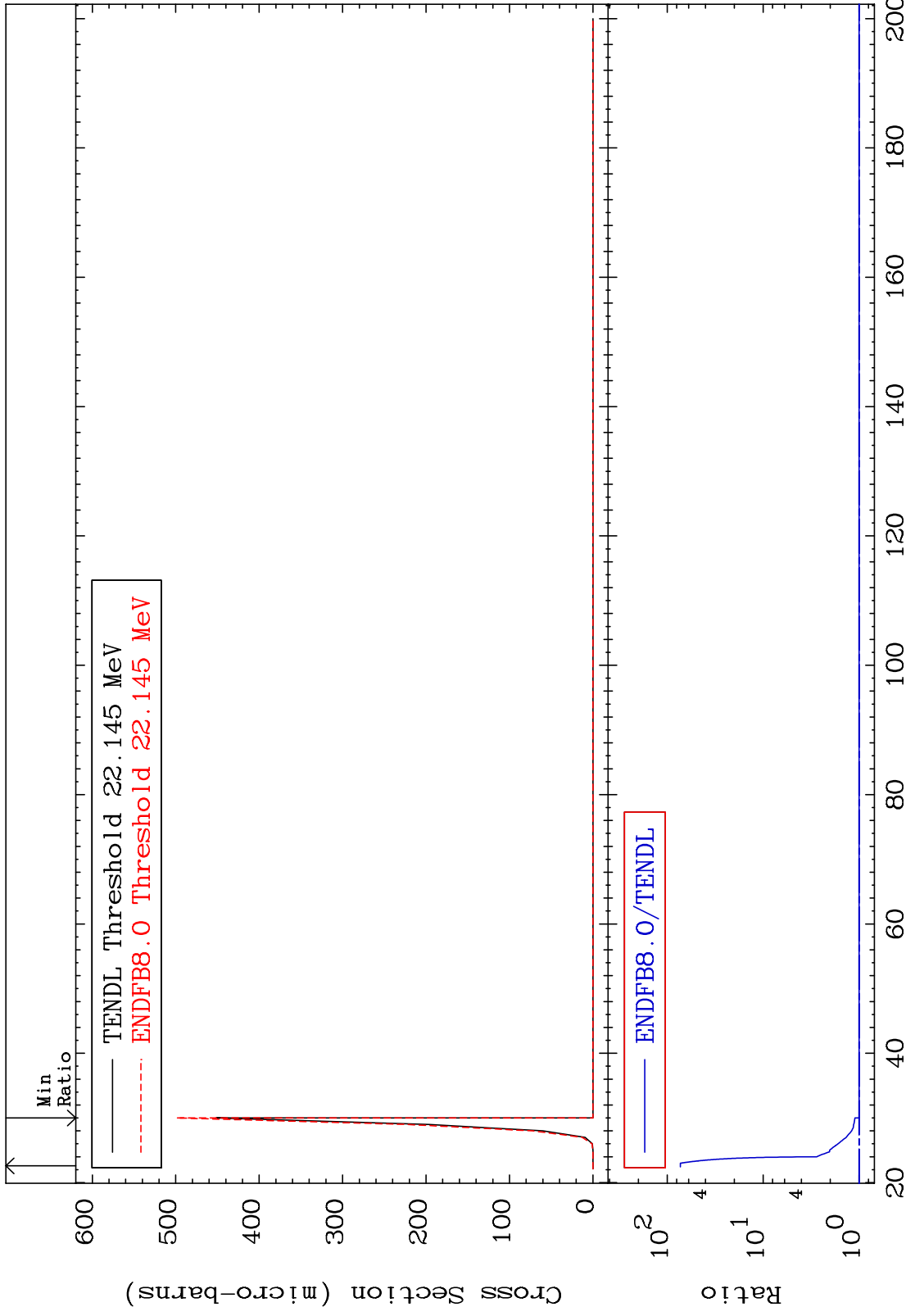
10-Ne-21
-99.97 To 410.1 %



MAT 1028

(n,n') p α
Cross Section

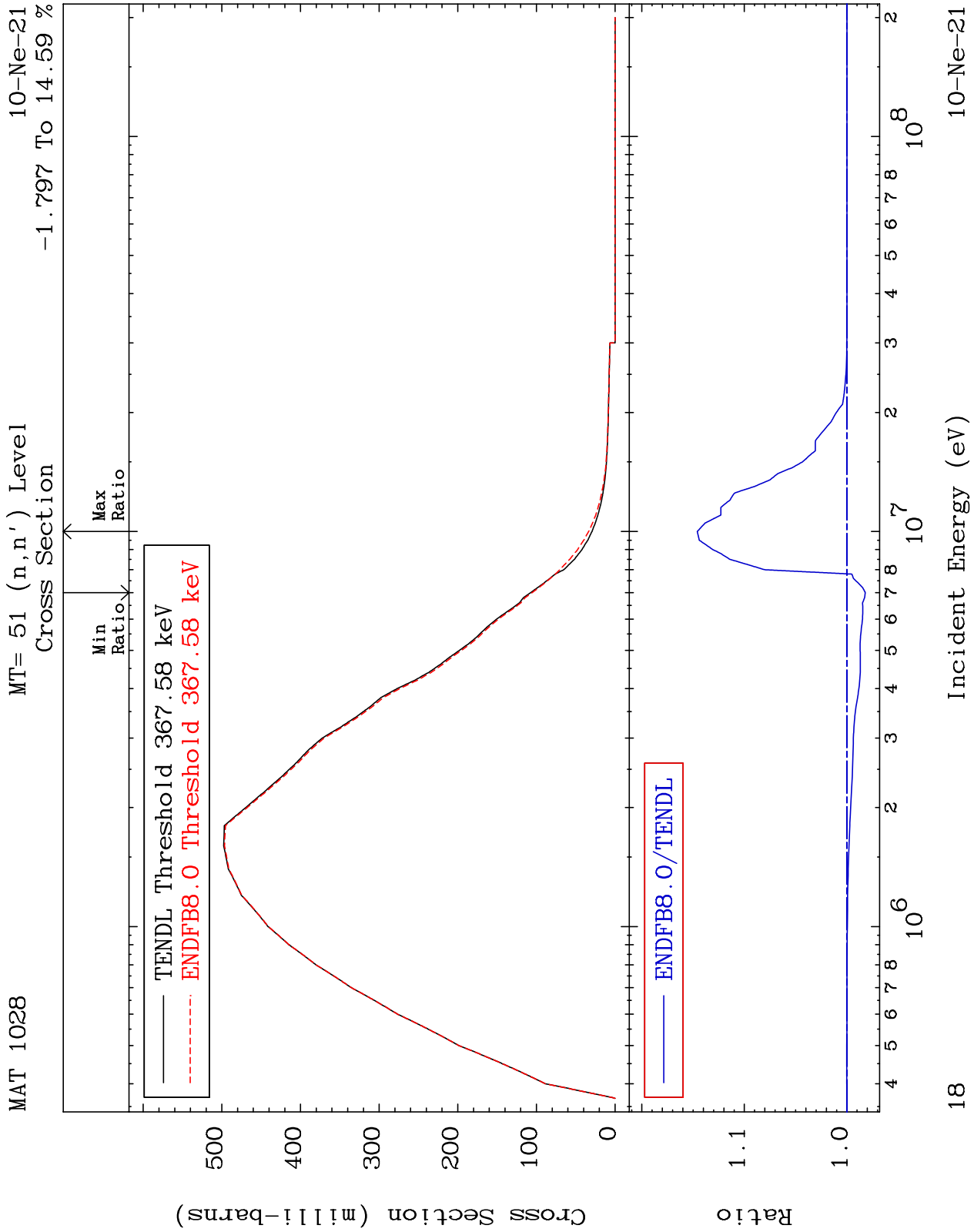
10-Ne-21
To 7194. %
0.000



17

Incident Energy (MeV)

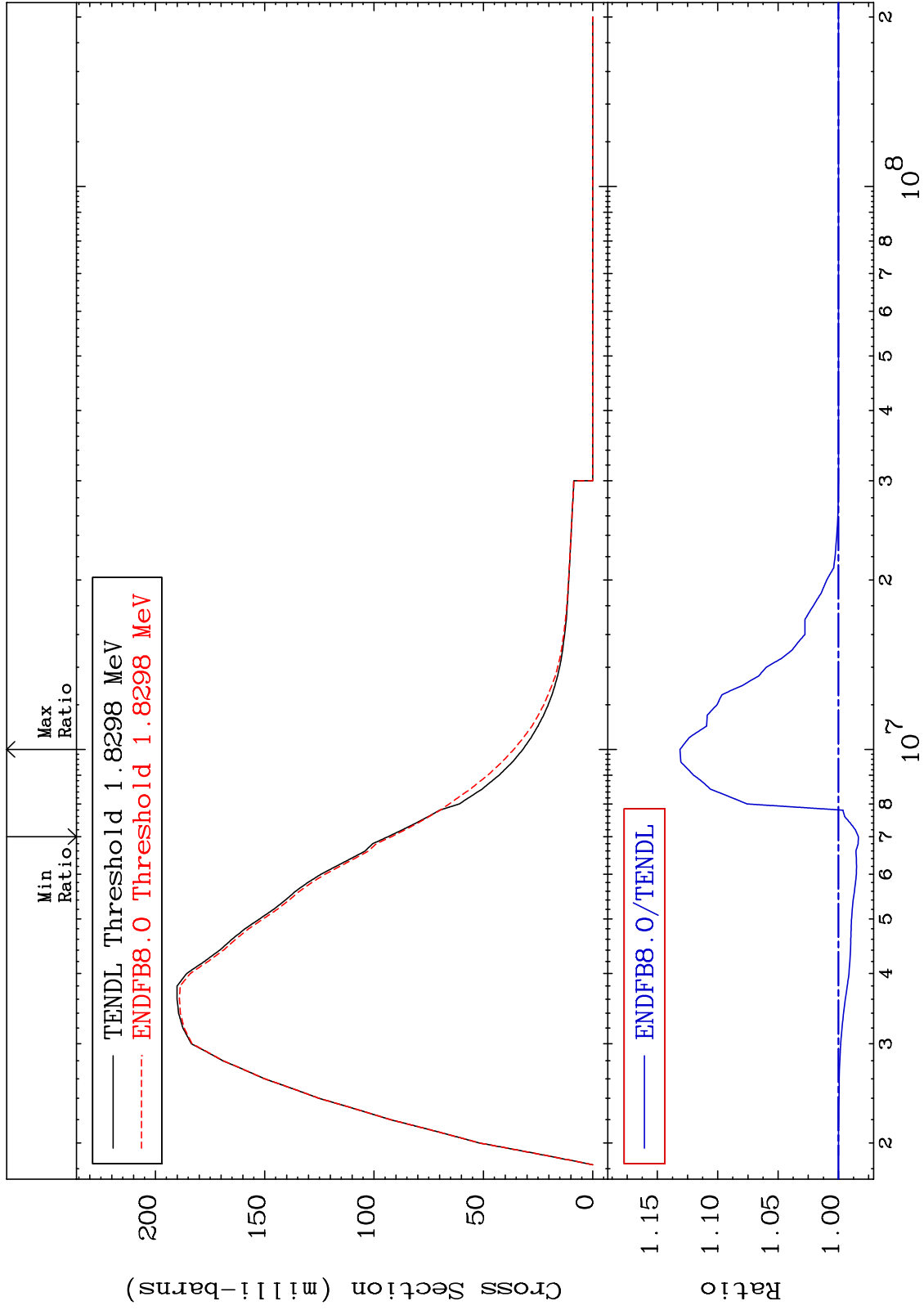
10-Ne-21



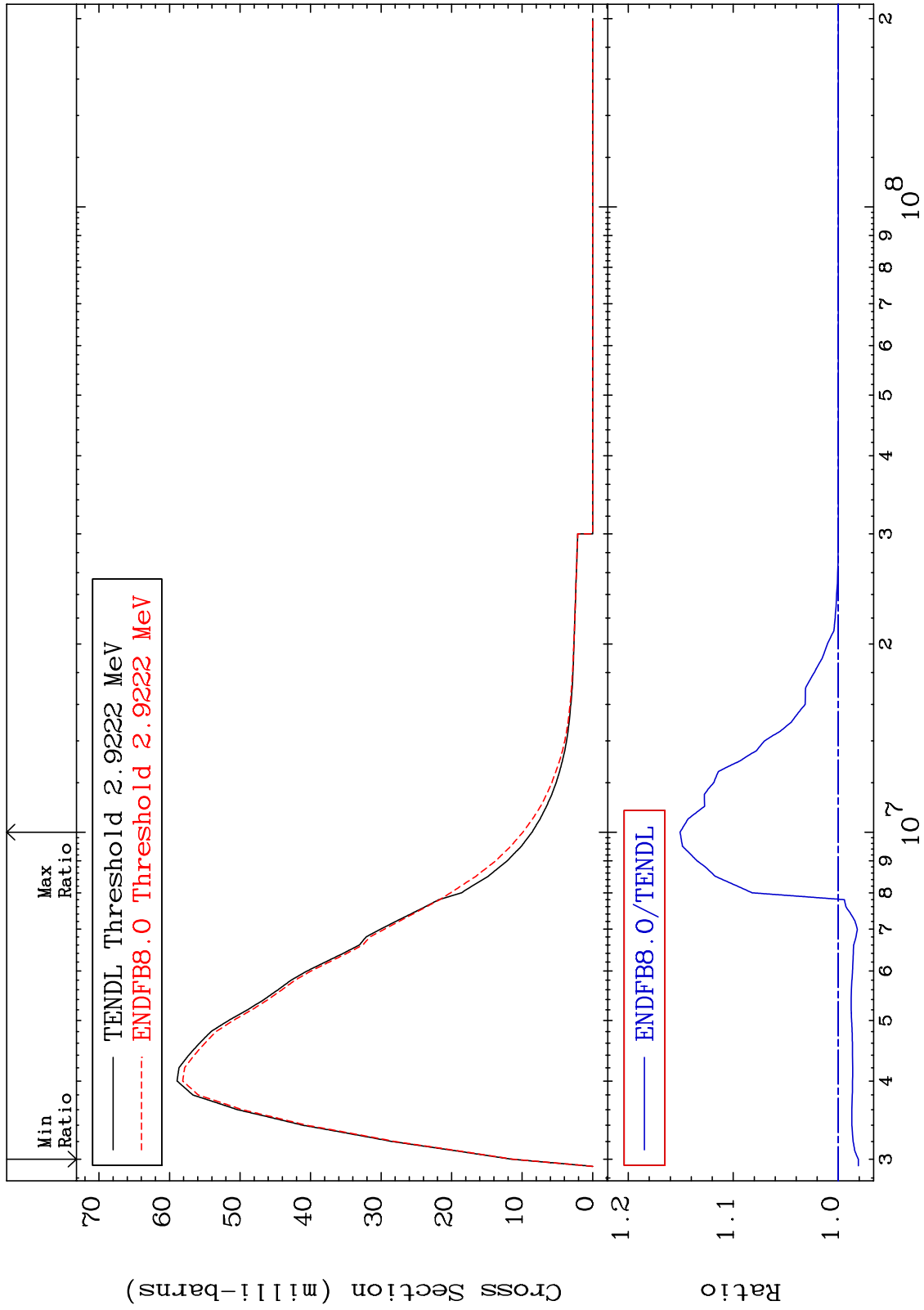
MAT 1028

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

10-Ne-21
-1.653 To 13.12 %



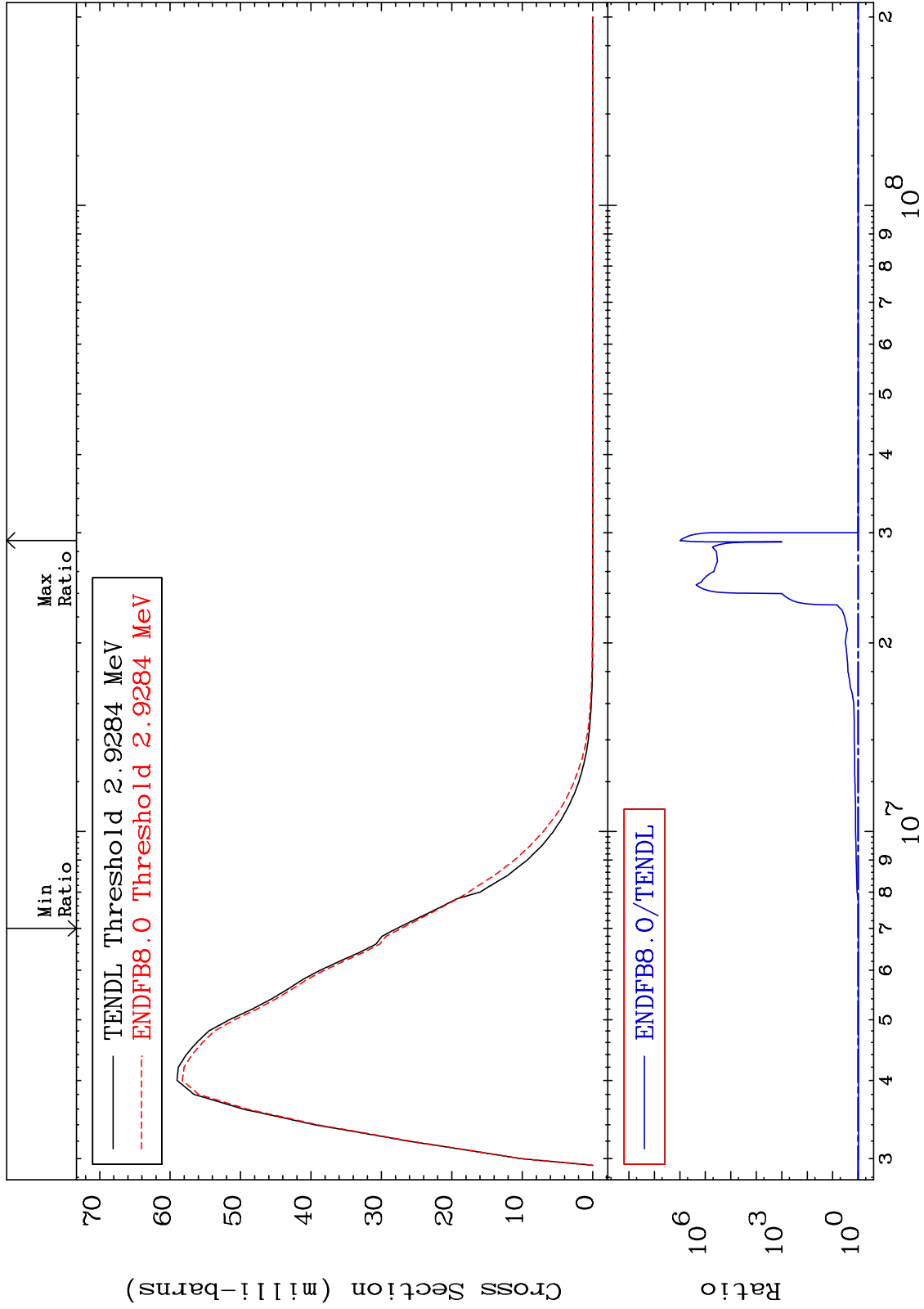
MAT 1028 MT= 53 (n,n') Level Cross Section 10-Ne-21 -1.921 To 15.07 %



MAT 1028

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

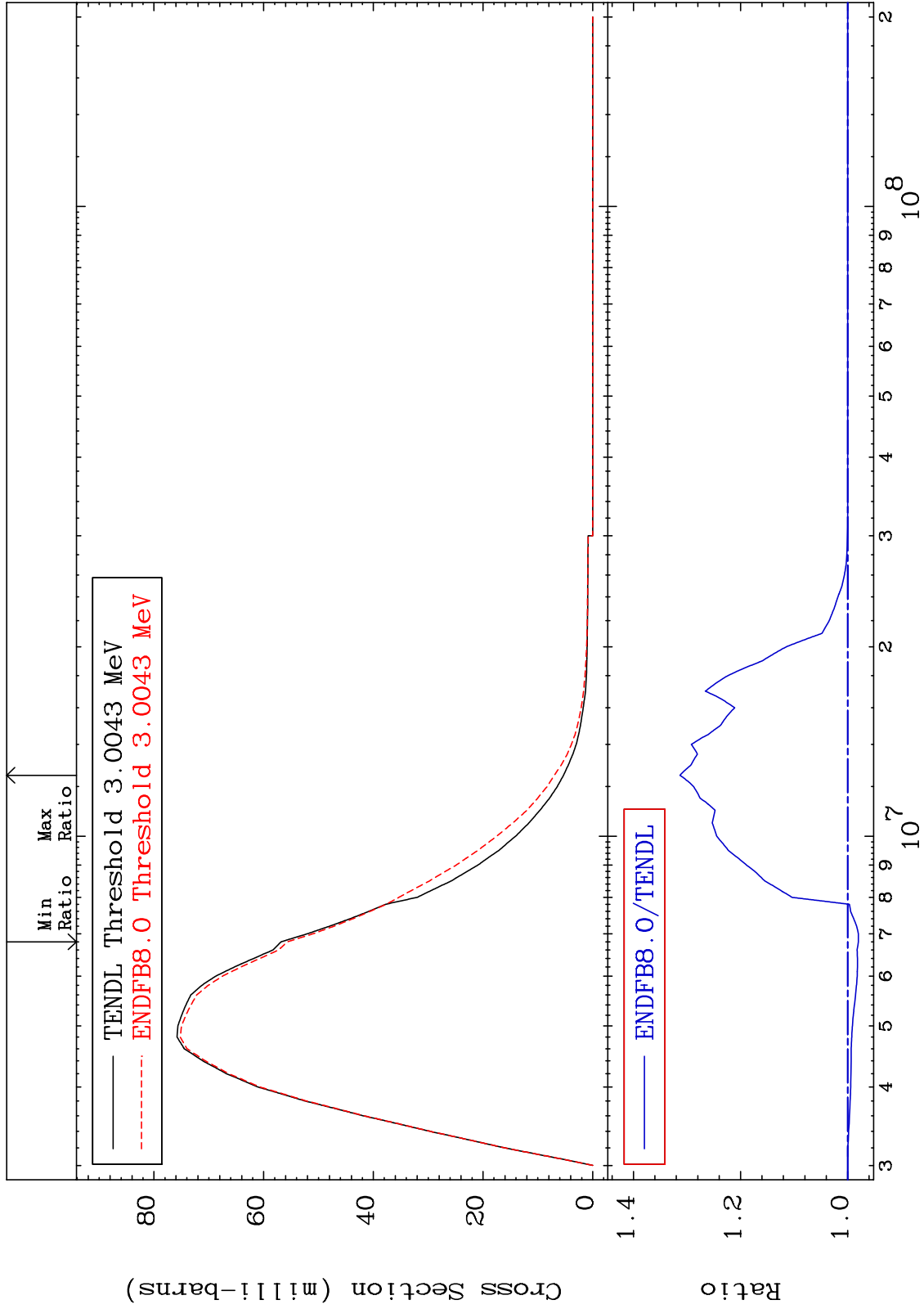
10-Ne-21
-2.136 To 9999. %



MAT 1028

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

10-Ne-21
-2.004 To 31.31 %



22

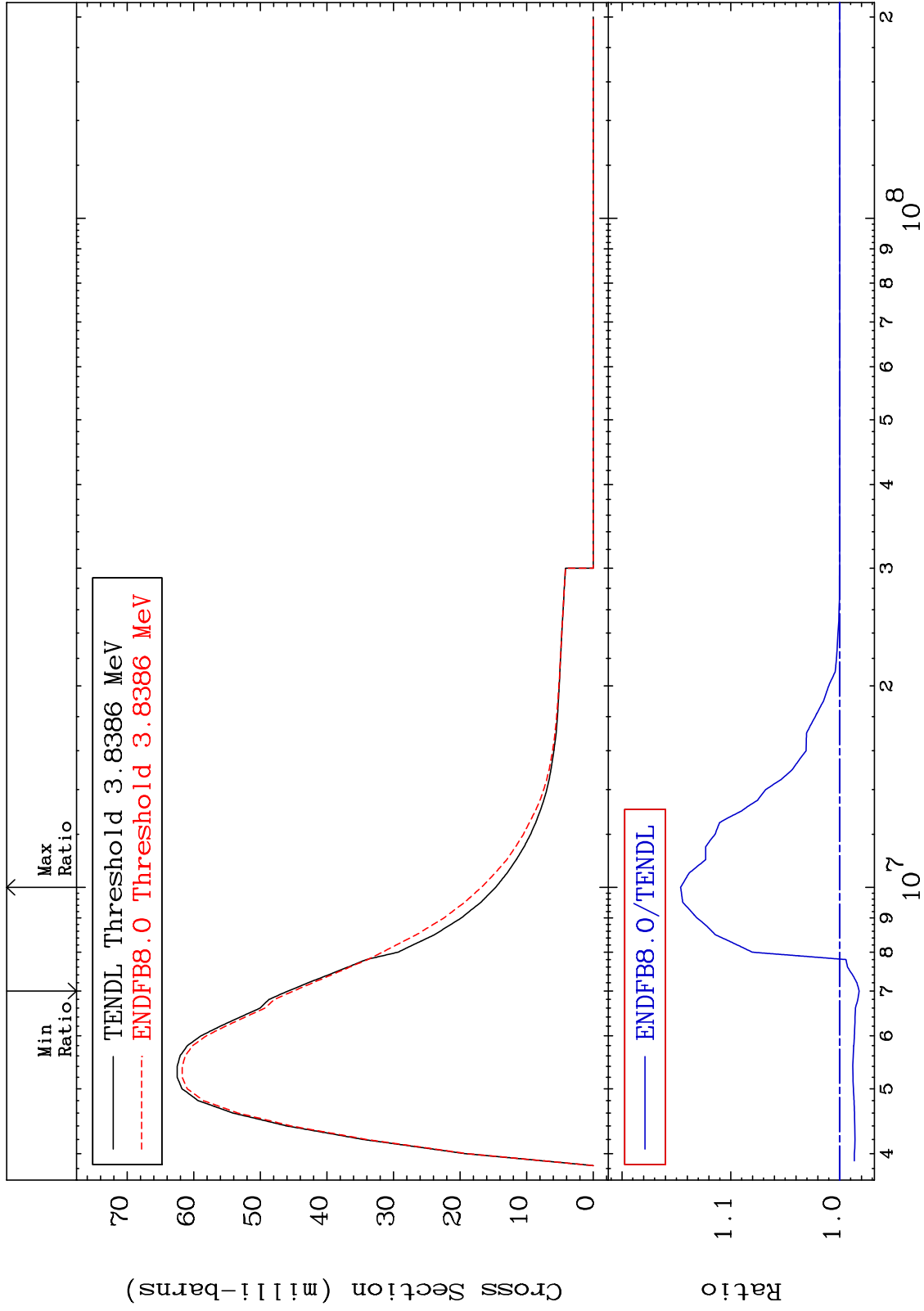
Incident Energy (eV)

10-Ne-21

MAT 1028

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

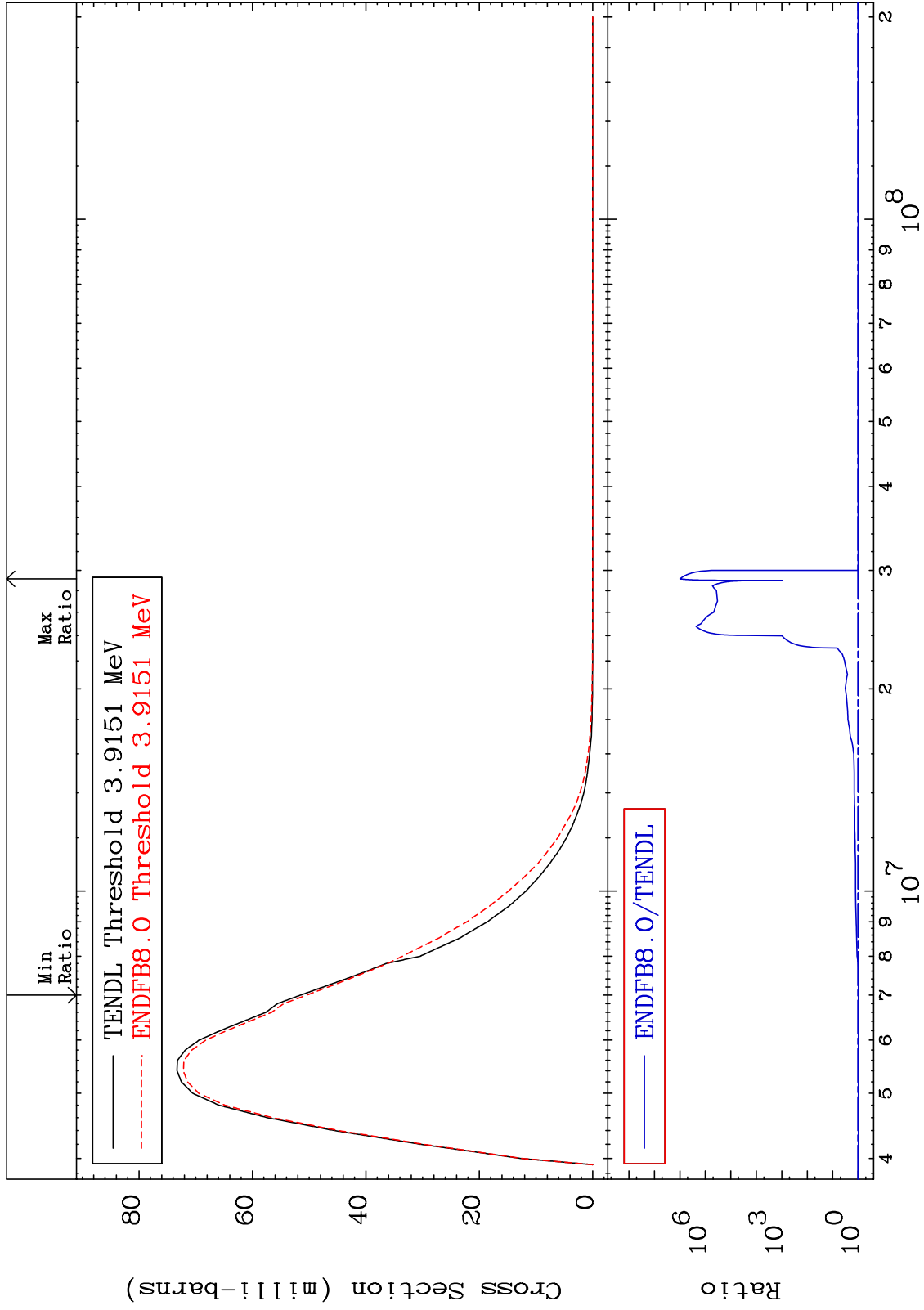
10-Ne-21
-1.794 To 14.61 %



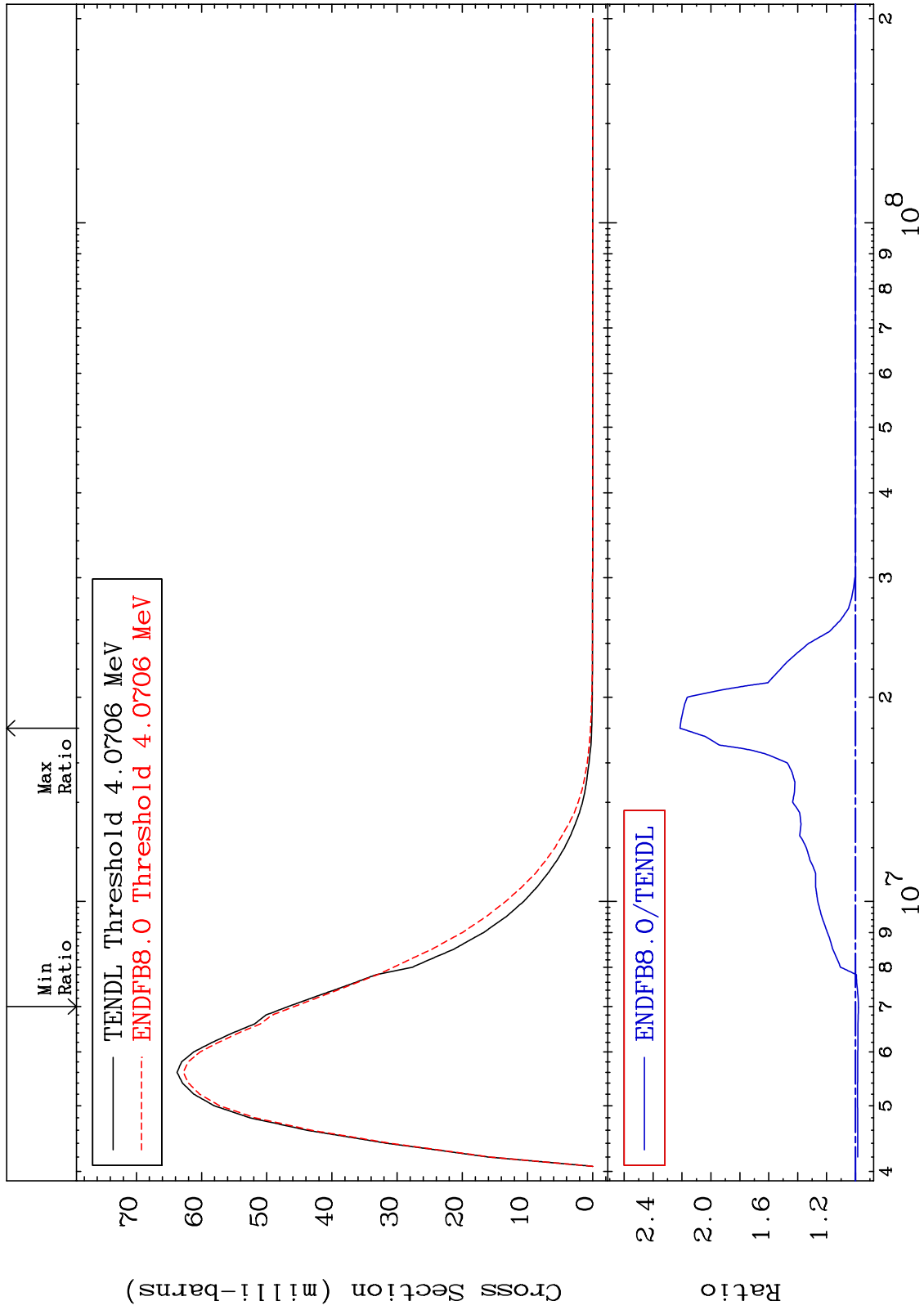
MAT 1028

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

10-Ne-21
-2.098 To 9999. %



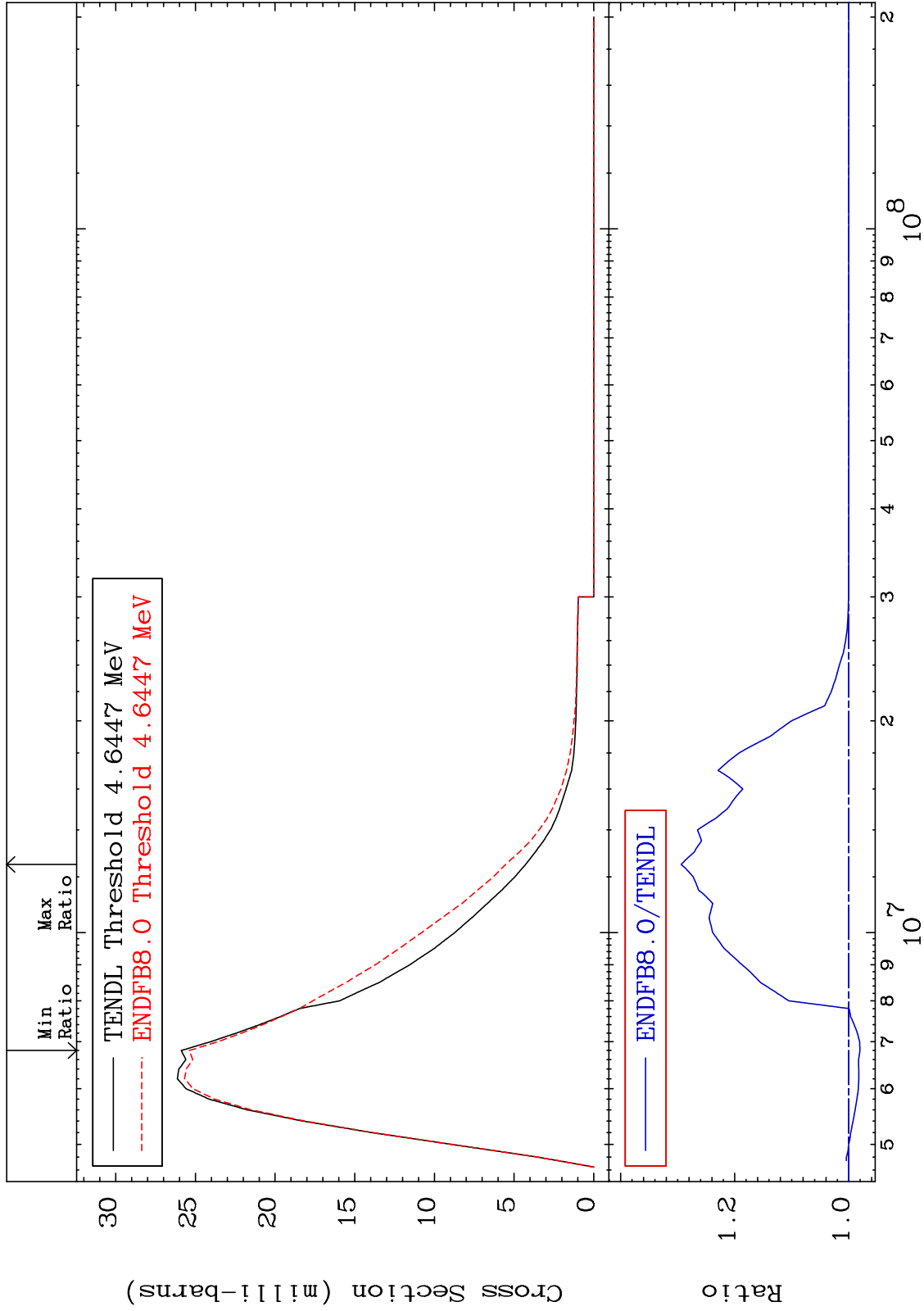
MAT 1028 MT= 58 (n,n') Level Cross Section 10-Ne-21
 -2.028 To 121.4 %



MAT 1028

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

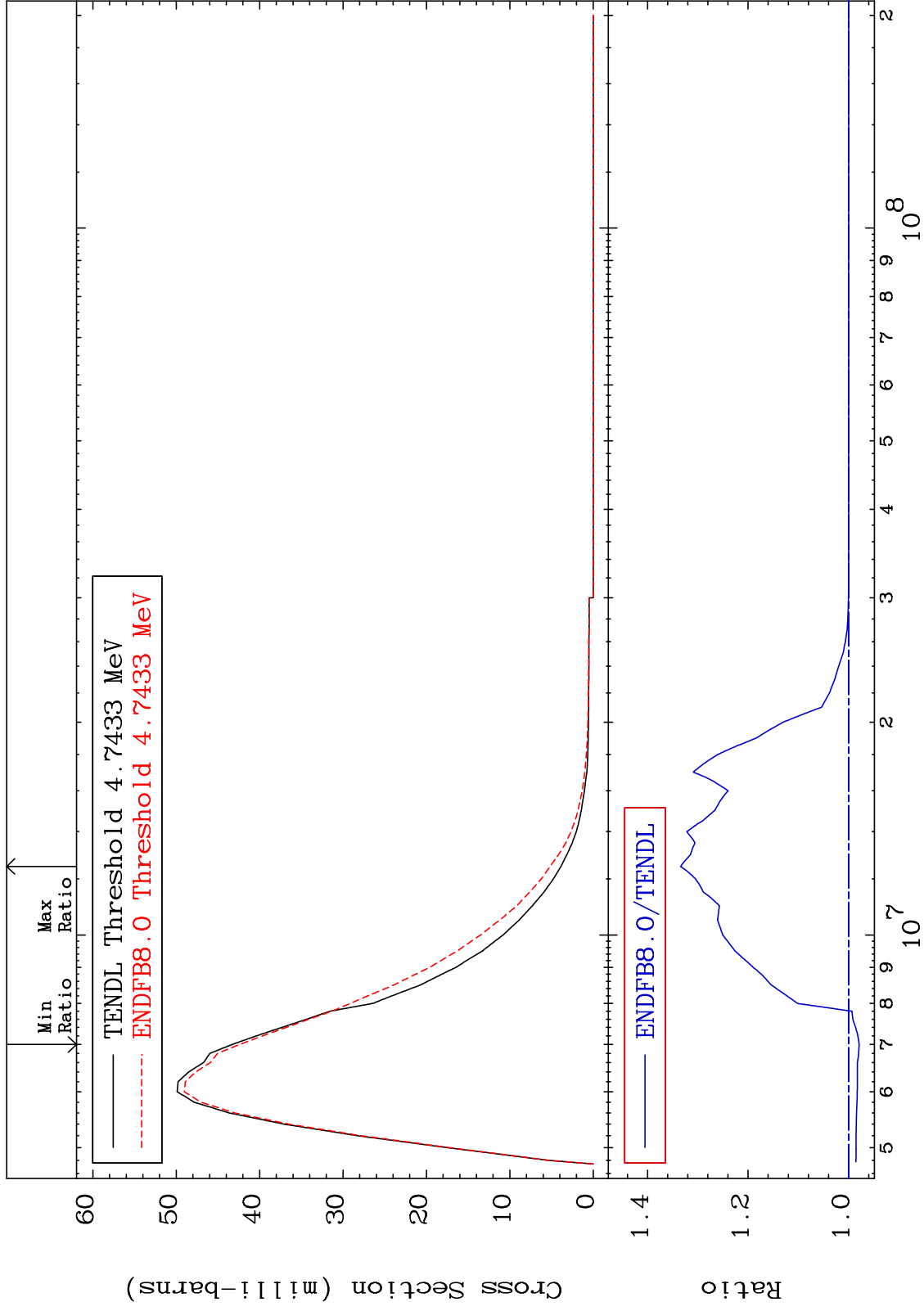
10-Ne-21
-1.956 To 29.38 %



MAT 1028

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

10-Ne-21
-2.094 To 33.42 %



27

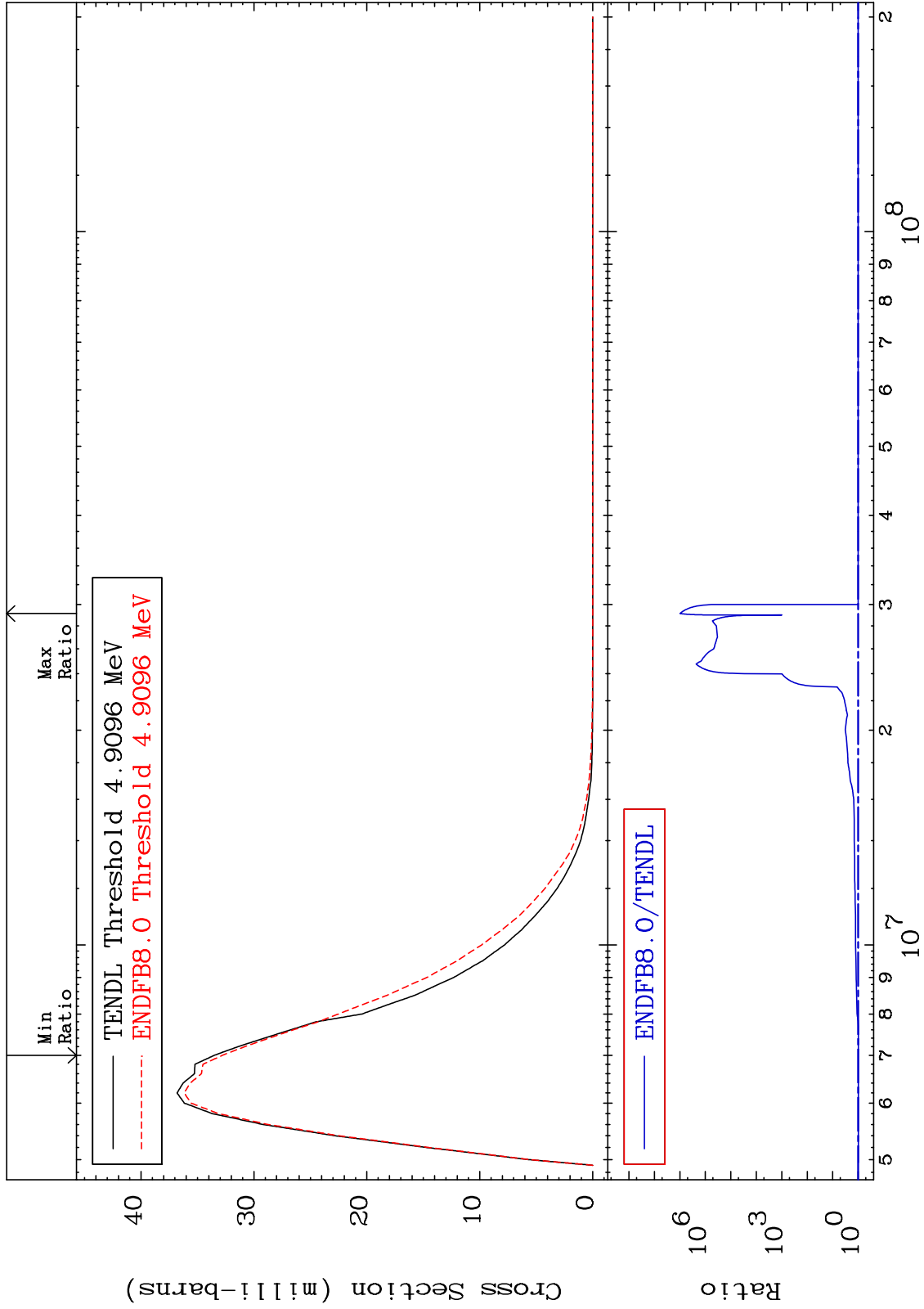
Incident Energy (eV)

10-Ne-21

MAT 1028

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

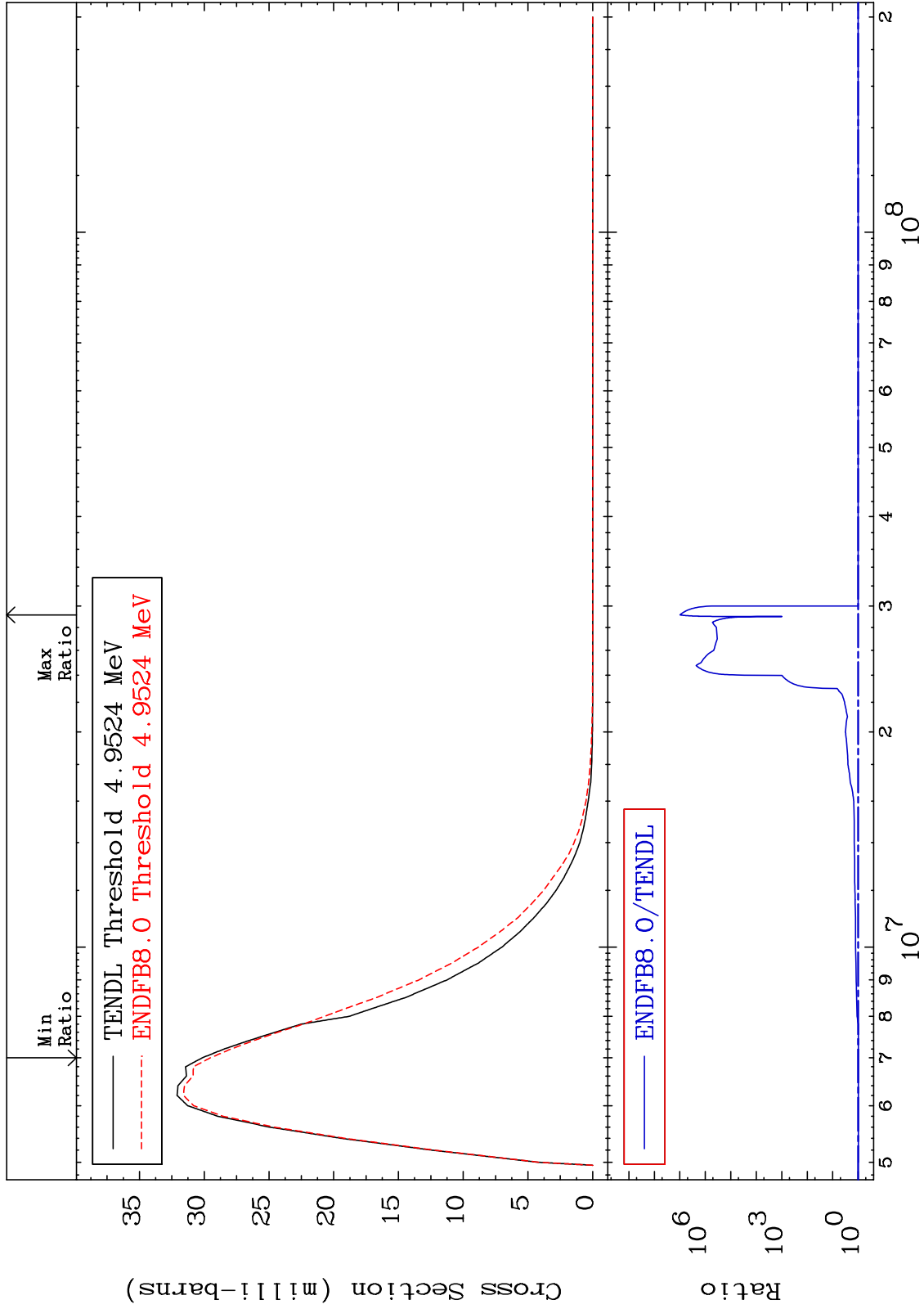
10-Ne-21
-2.144 To 9999. %



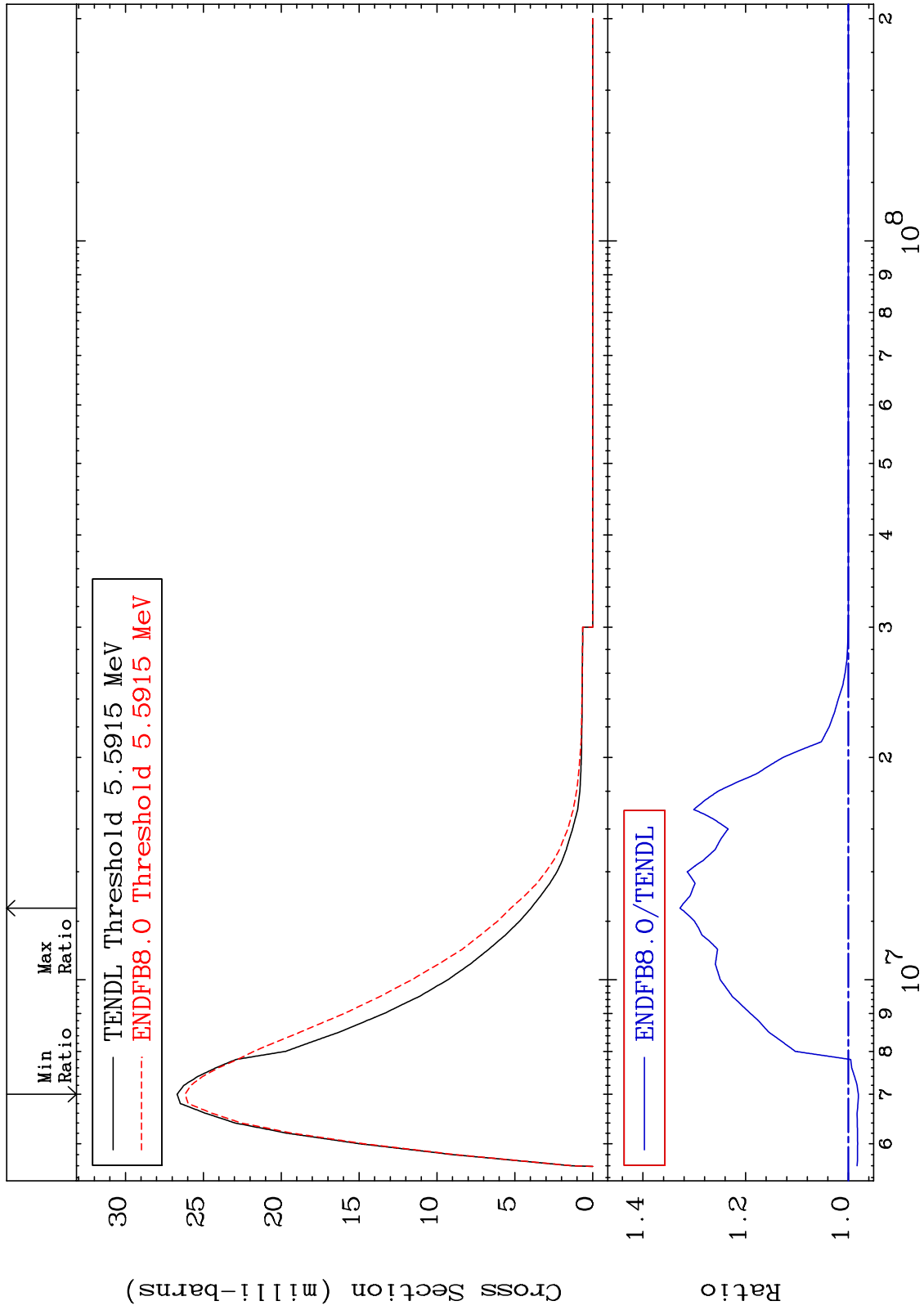
MAT 1028

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

10-Ne-21
-2.068 To 9999. %

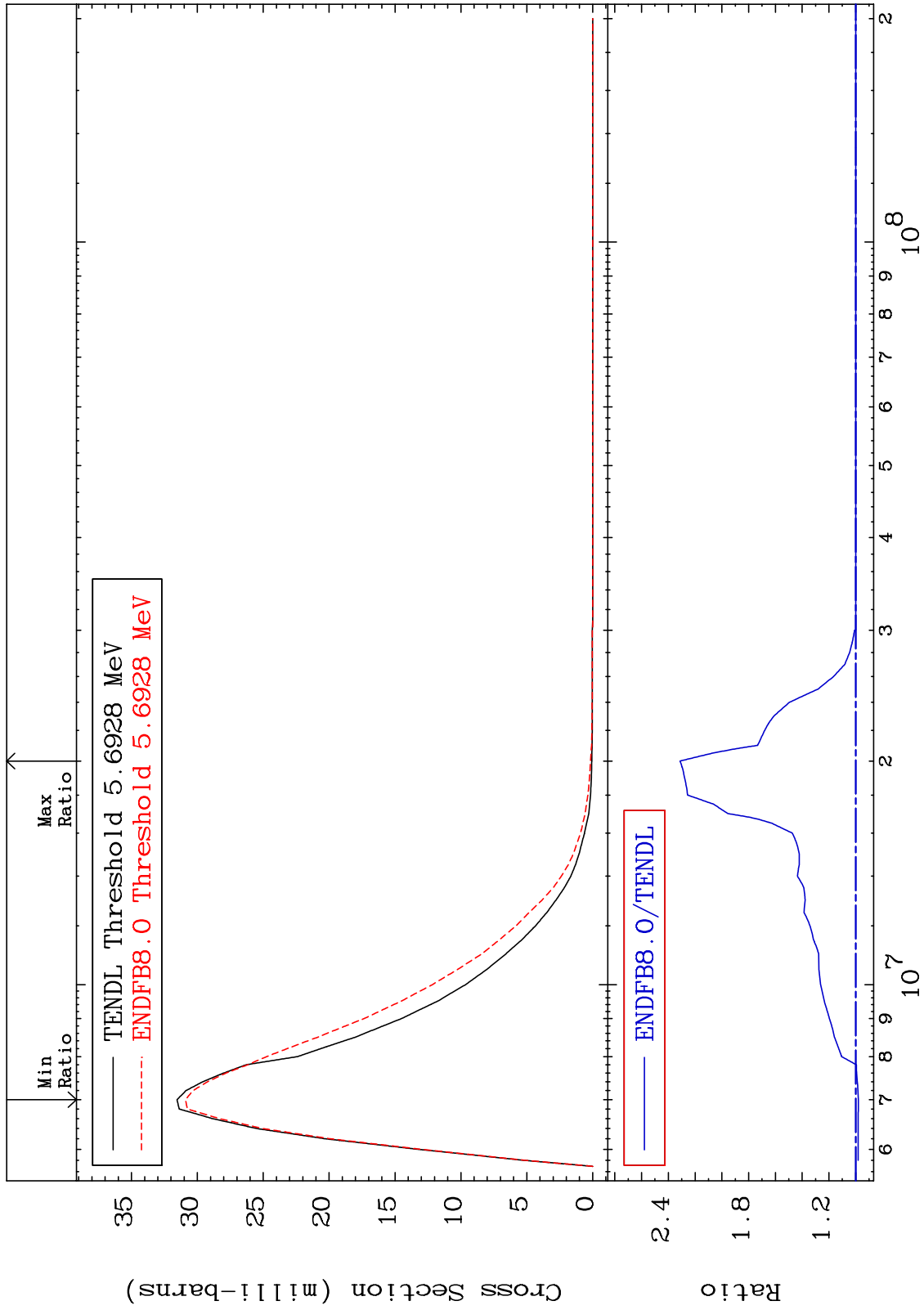


MAT 1028 MT= 63 (n,n') Level Cross Section 10-Ne-21
-1.962 To 32.78 %

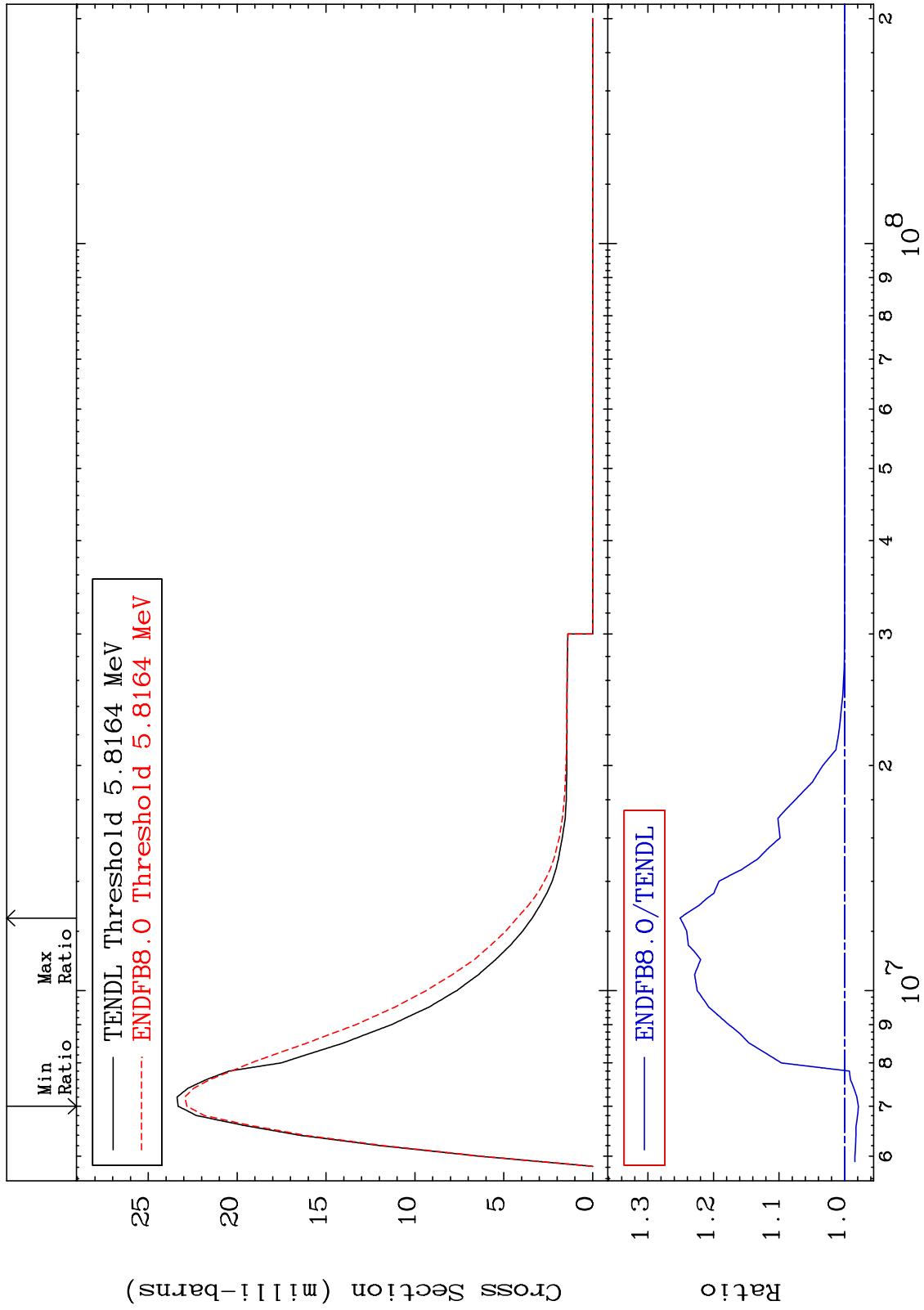


30 Incident Energy (eV) 10-Ne-21

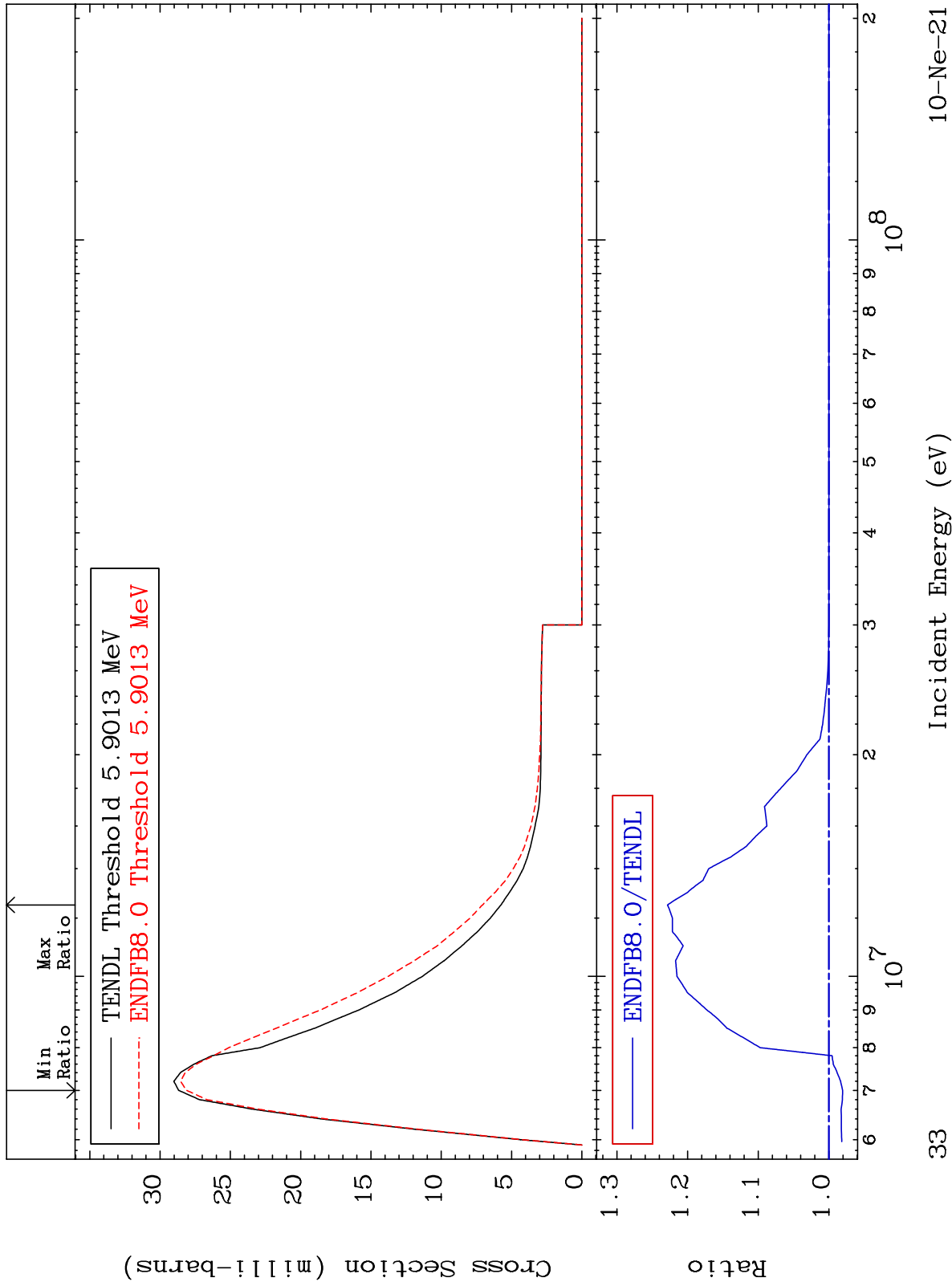
MAT 1028 MT= 64 (n,n') Level Cross Section 10-Ne-21
 -2.031 To 131.3 %



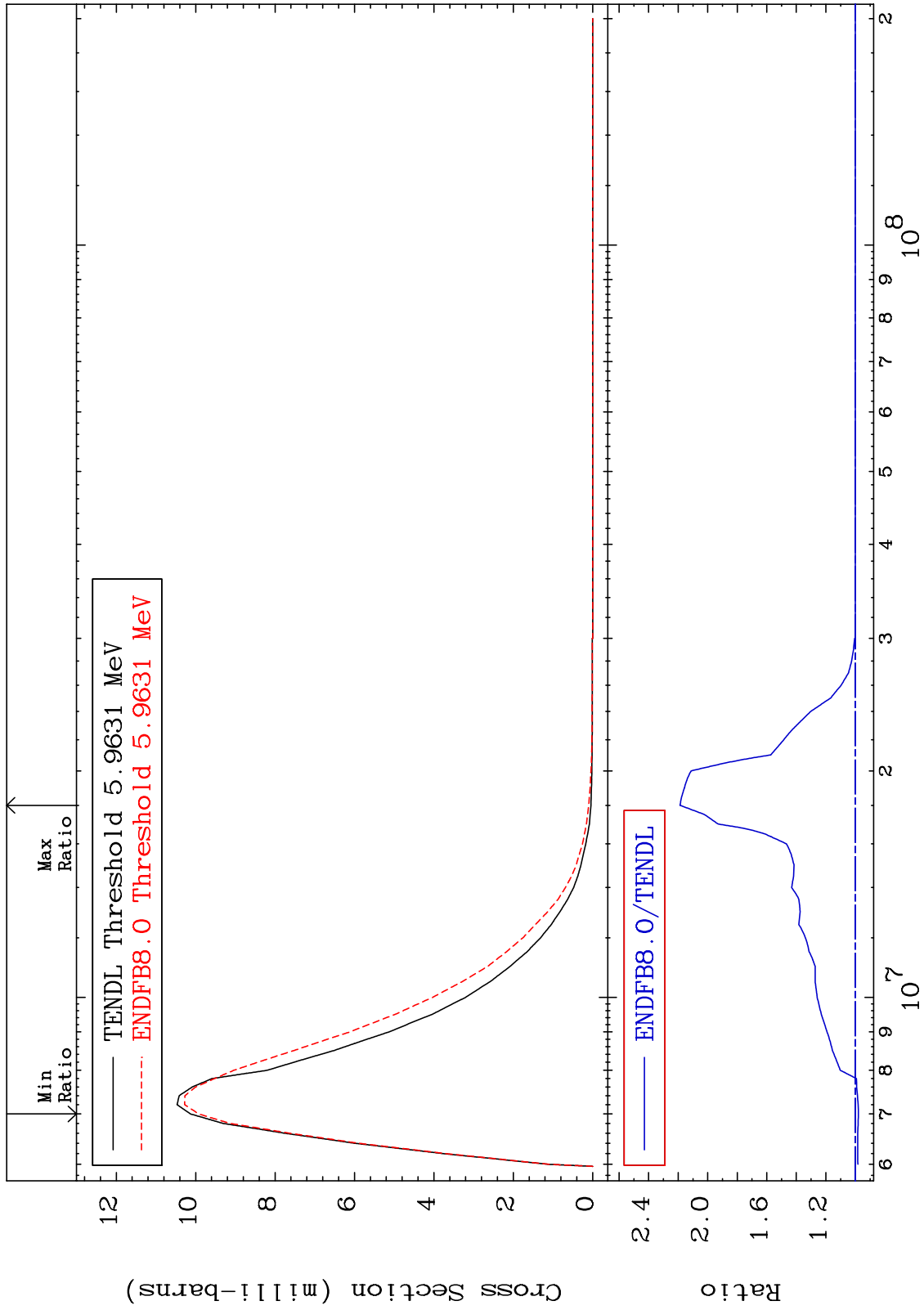
MAT 1028 MT= 65 (n,n') Level
Cross Section 10-Ne-21
-2.103 To 25.11 %



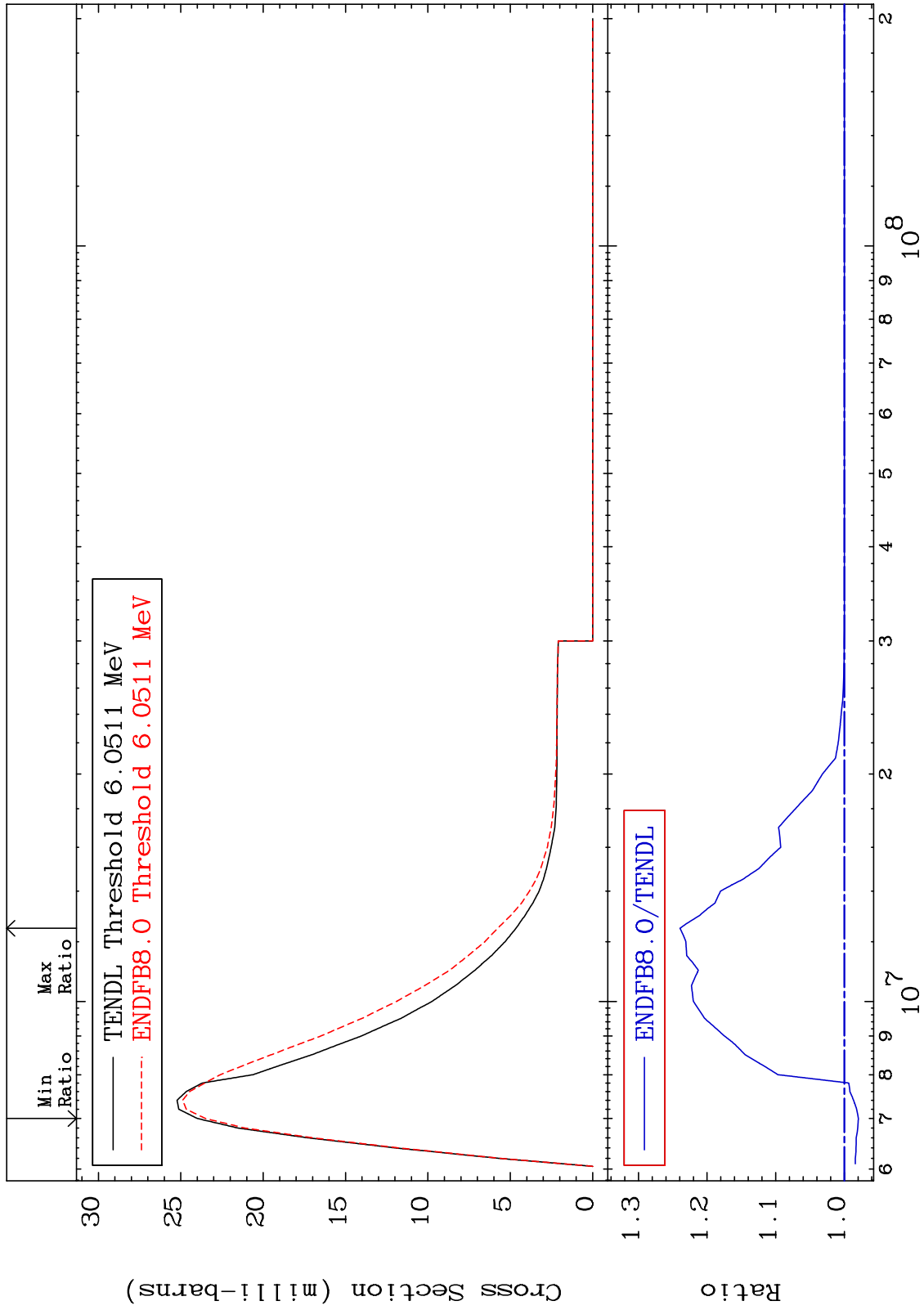
MAT 1028 MT= 66 (n,n') Level Cross Section -1.952 To 22.84 % 10-Ne-21



MAT 1028 MT= 67 (n,n') Level Cross Section 10-Ne-21
 -2.053 To 118.7 %

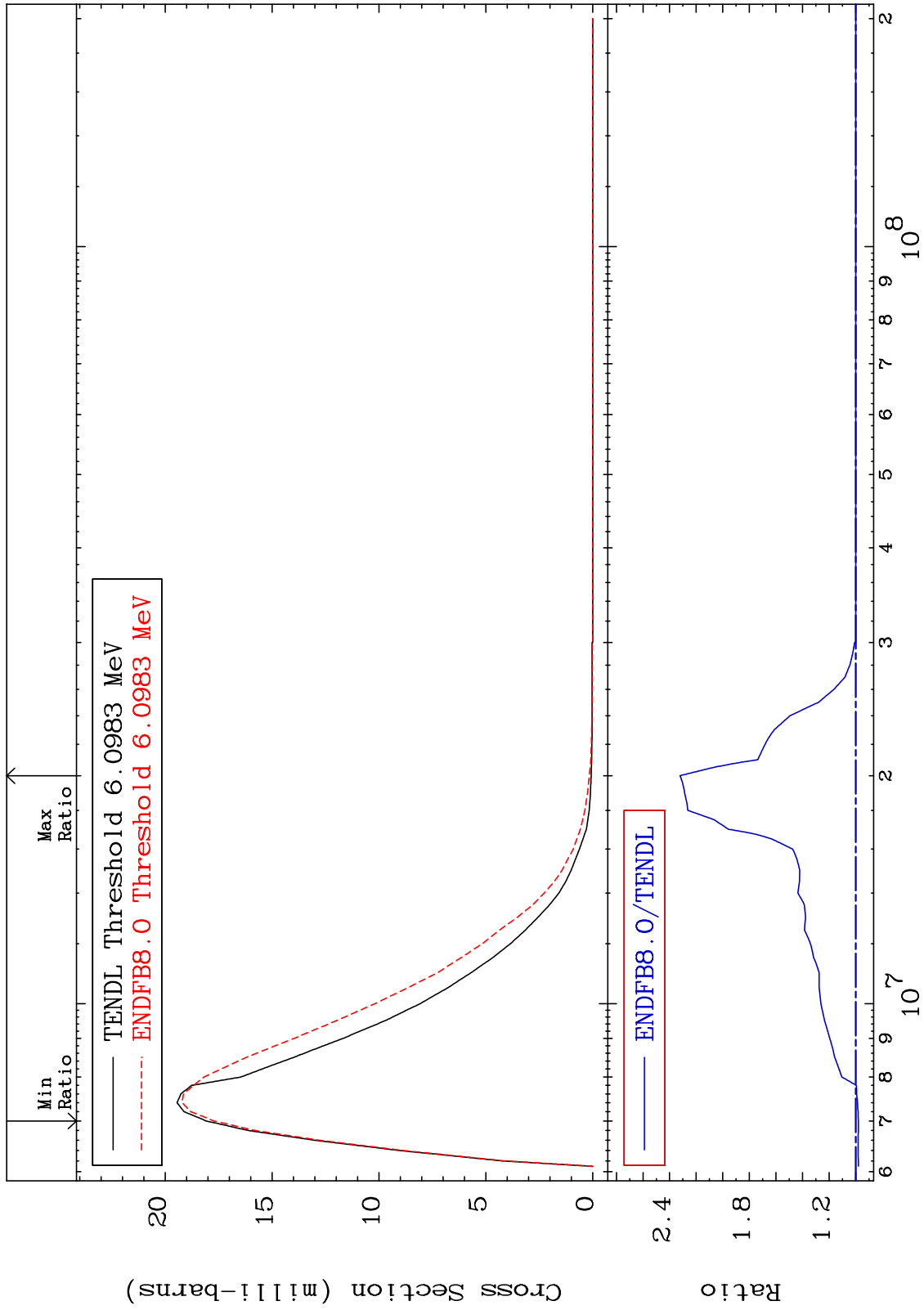


MAT 1028 MT= 68 (n,n') Level
Cross Section 10-Ne-21
-2.053 To 23.95 %



Incident Energy (eV) 10-Ne-21

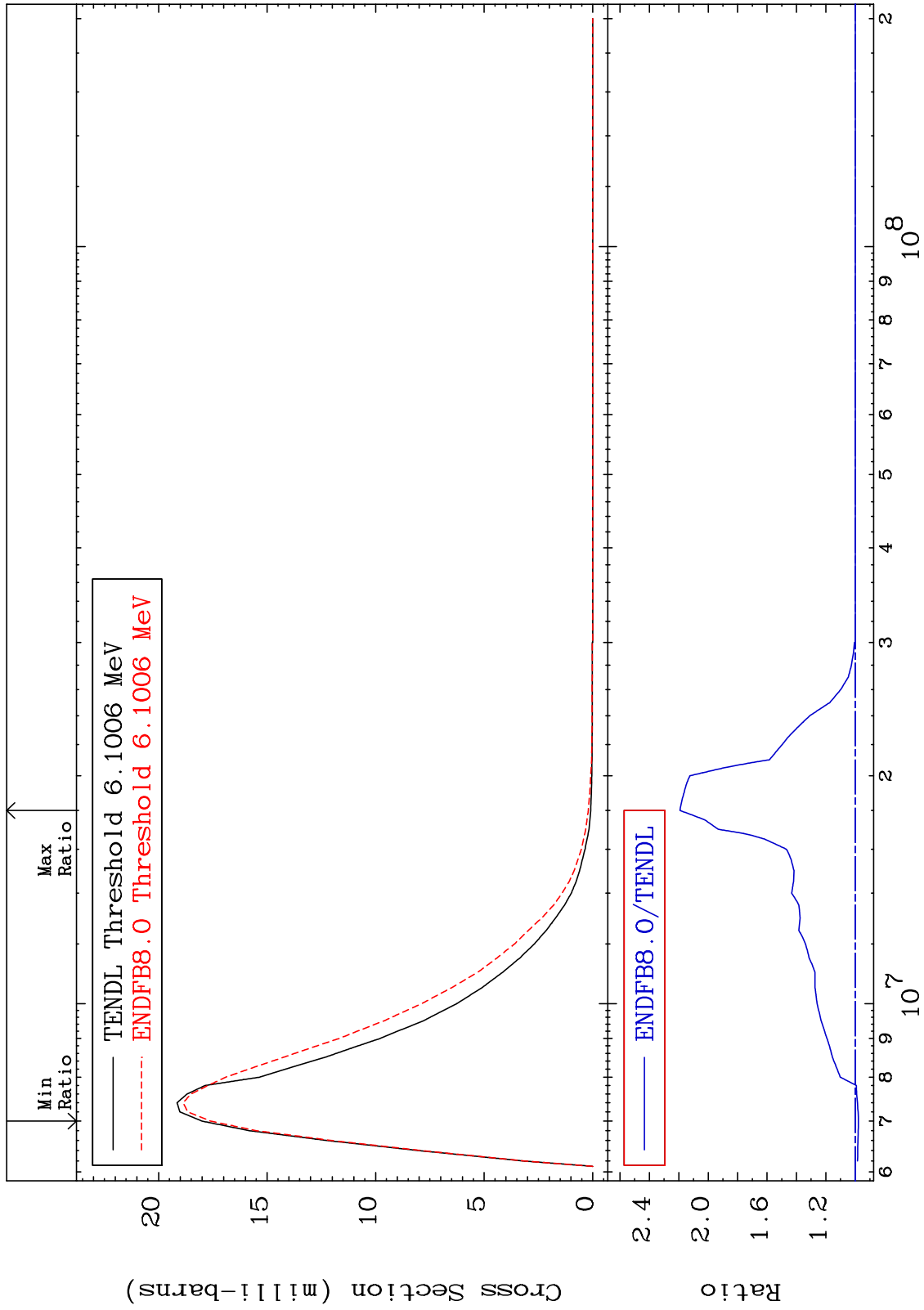
MAT 1028 MT= 69 (n,n') Level
Cross Section 10-Ne-21
-1.969 To 132.2 %



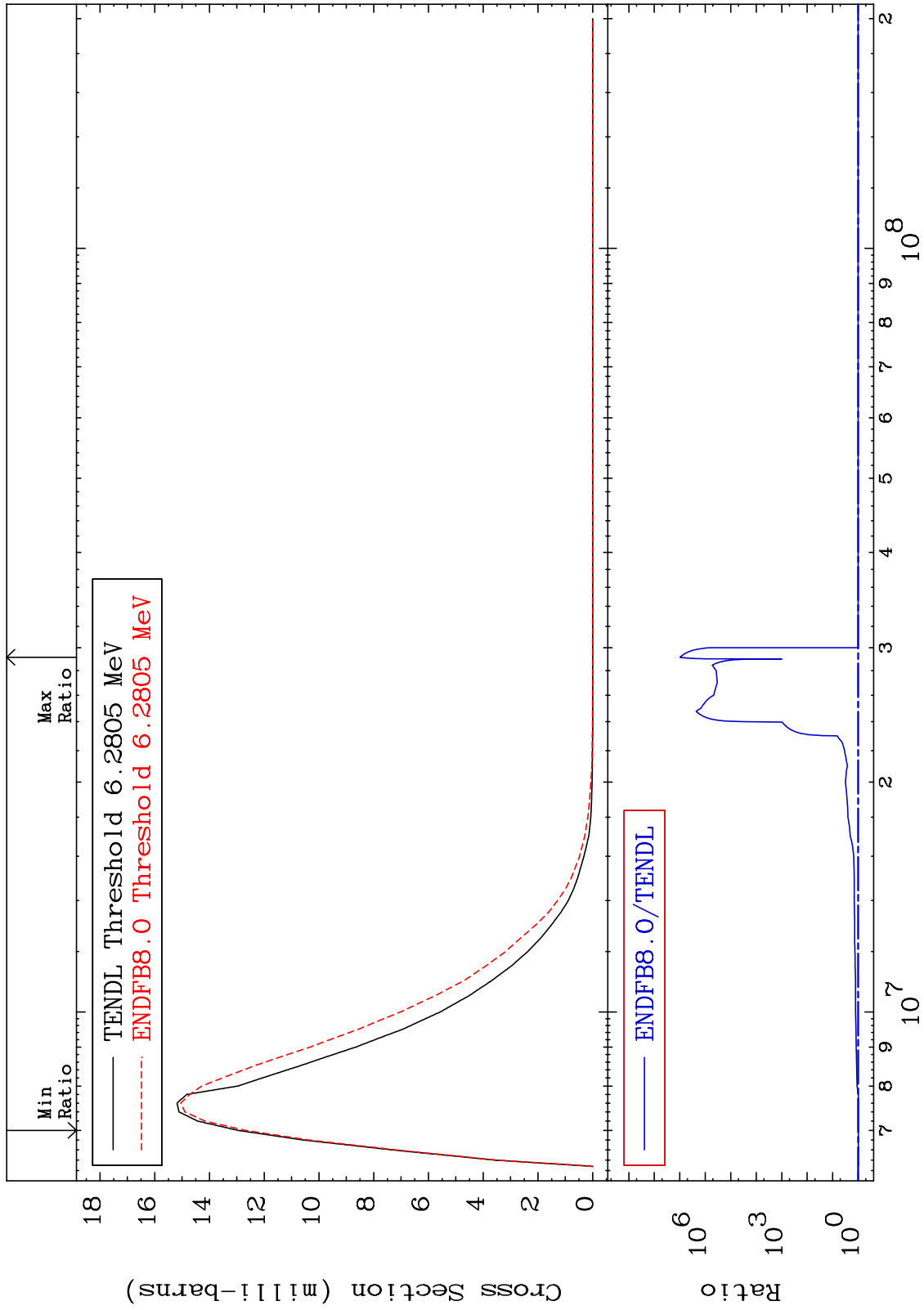
10-Ne-21

Incident Energy (eV)

MAT 1028 MT= 70 (n,n') Level Cross Section 10-Ne-21
 -2.160 To 119.2 %



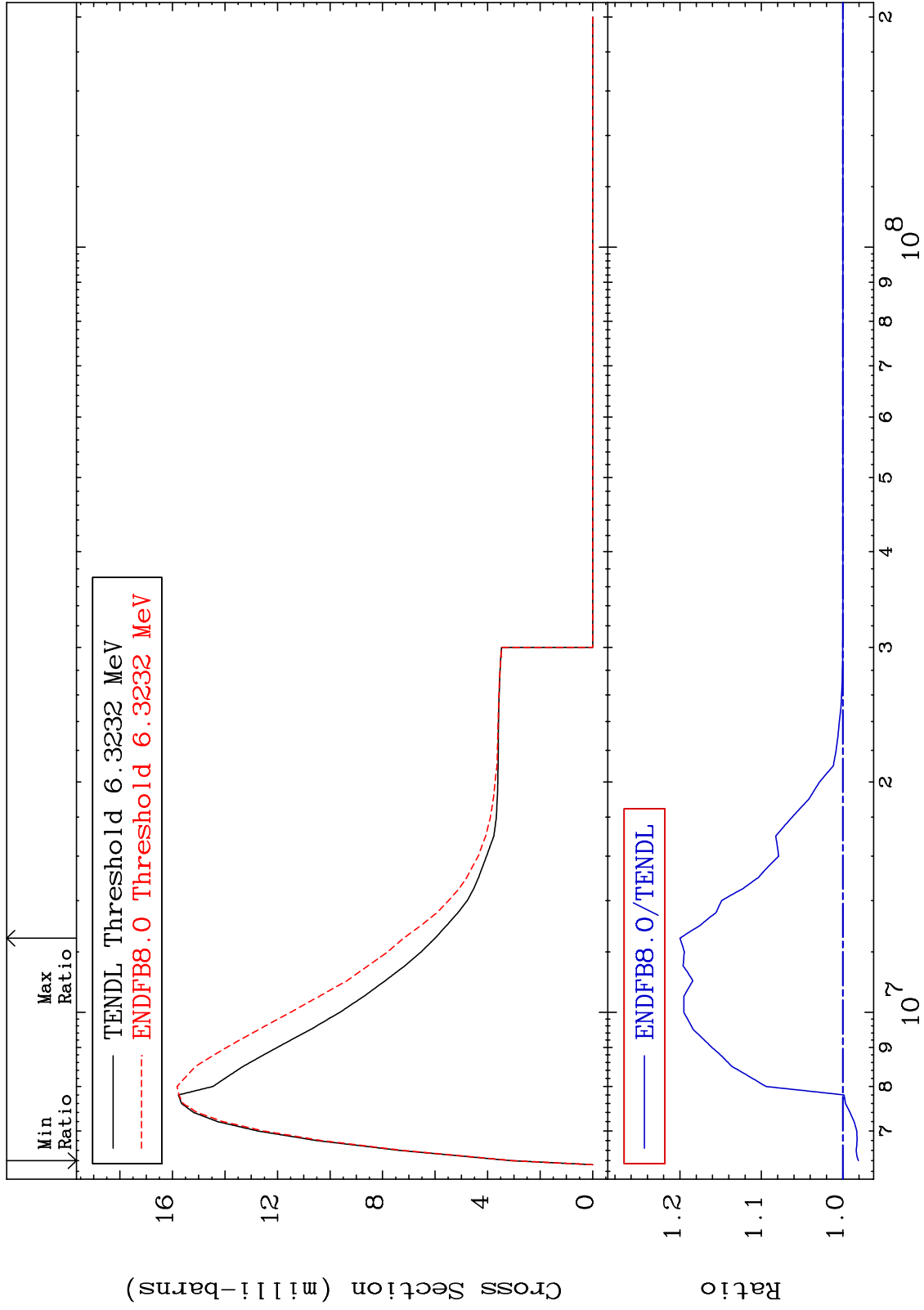
MAT 1028 MT= 71 (n,n') Level Cross Section 10-Ne-21
 -2.070 To 9999. %



MAT 1028

MT= 72 (n,n') Level
Cross Section

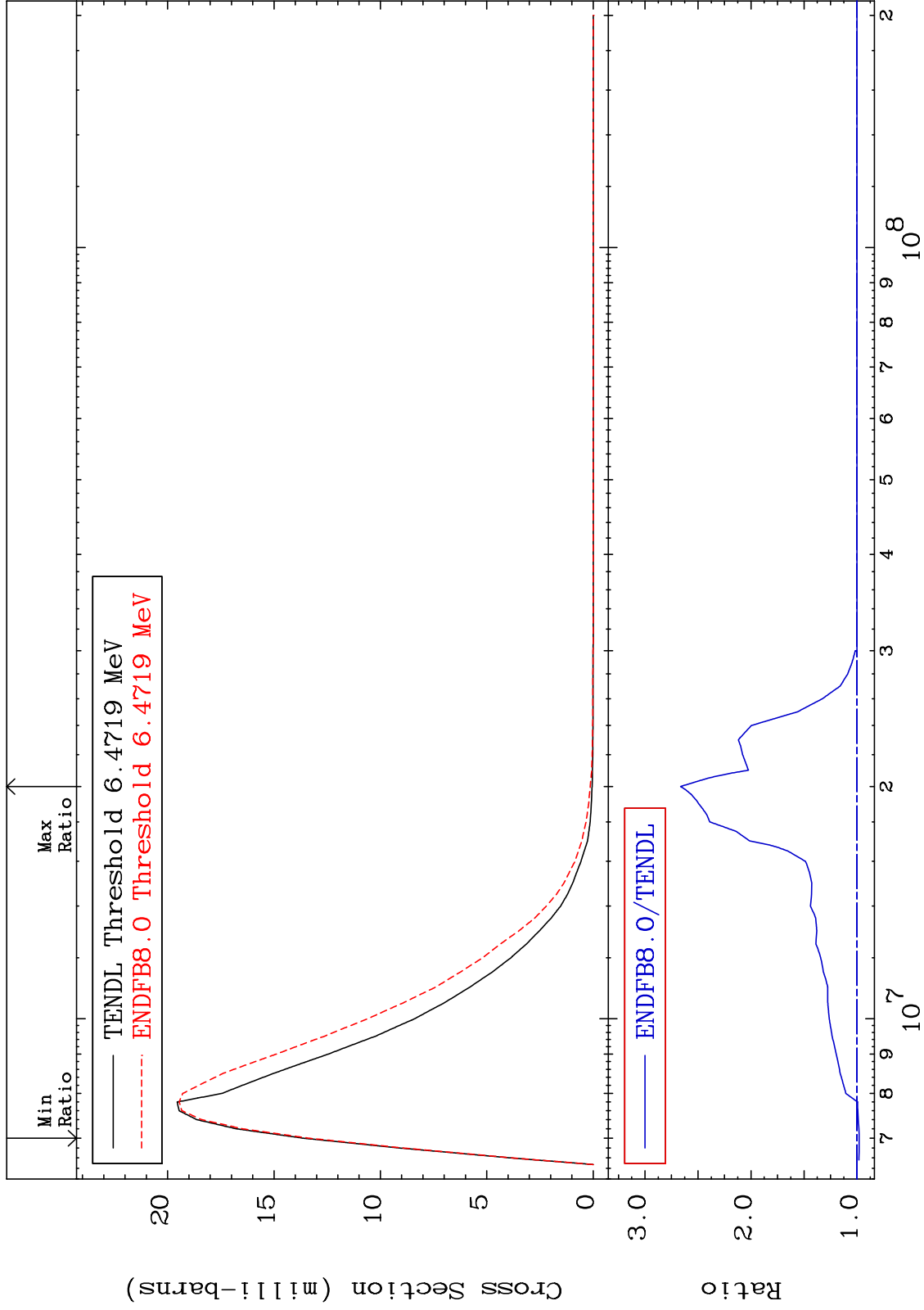
10-Ne-21
-1.916 To 20.00 %



MAT 1028

MT= 73 (n,n') Level
Cross Section

10-Ne-21
-2.016 To 166.4 %

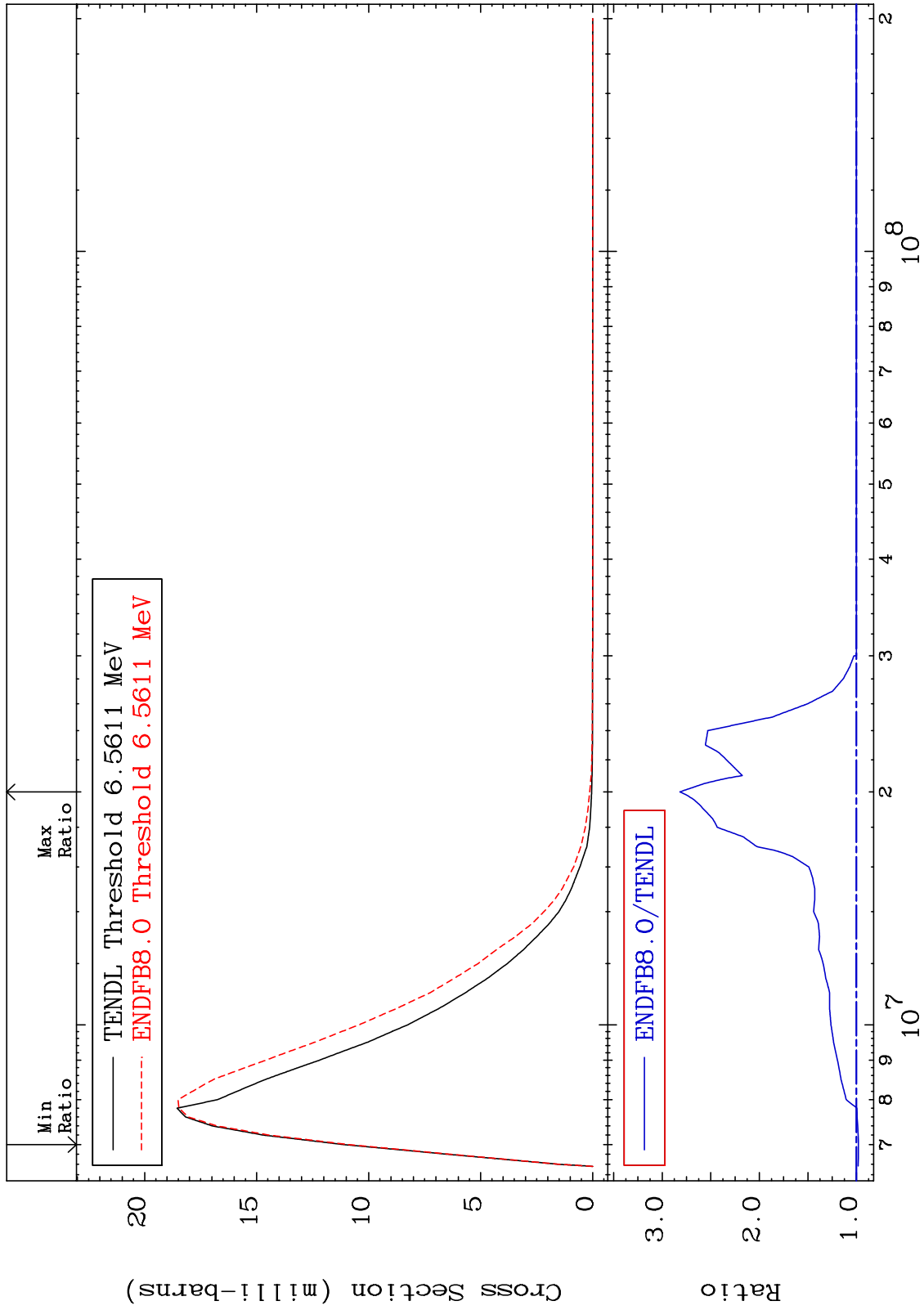


40

Incident Energy (eV)

10-Ne-21

MAT 1028 MT= 74 (n,n') Level
Cross Section 10-Ne-21
-2.010 To 181.7 %



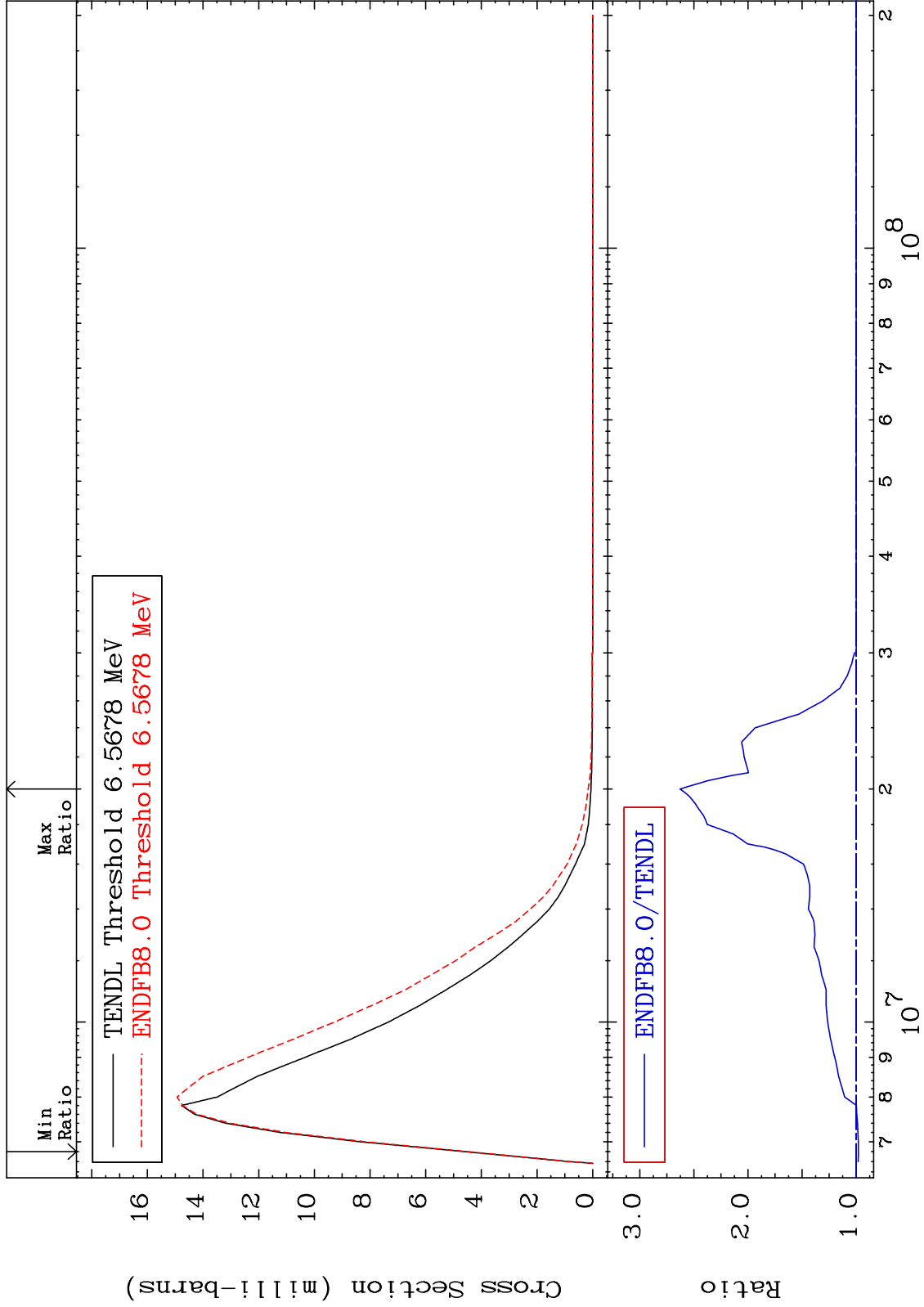
10-Ne-21

Incident Energy (eV)

MAT 1028

MT= 75 (n,n') Level
Cross Section

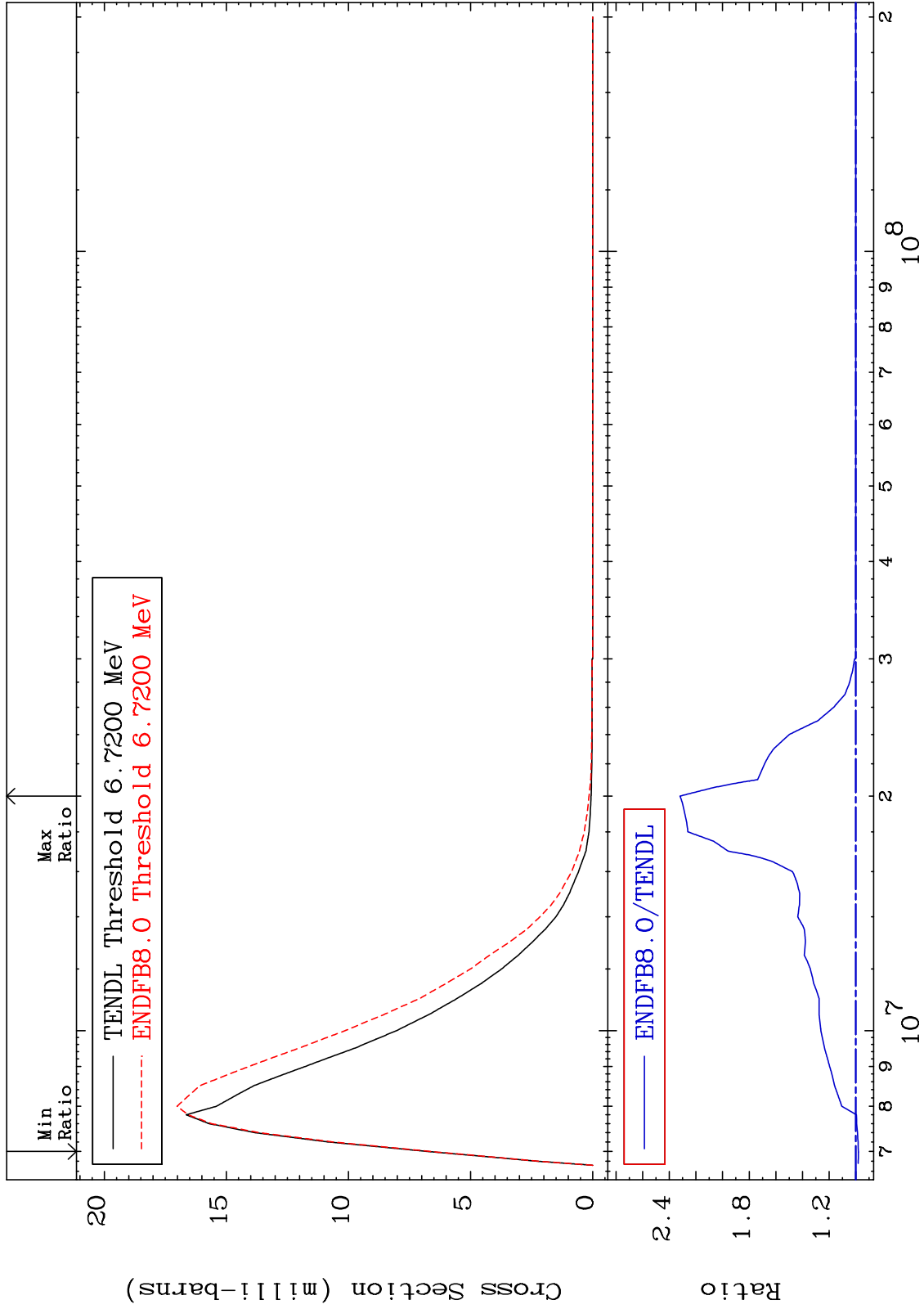
10-Ne-21
-2.067 To 162.9 %



MAT 1028

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

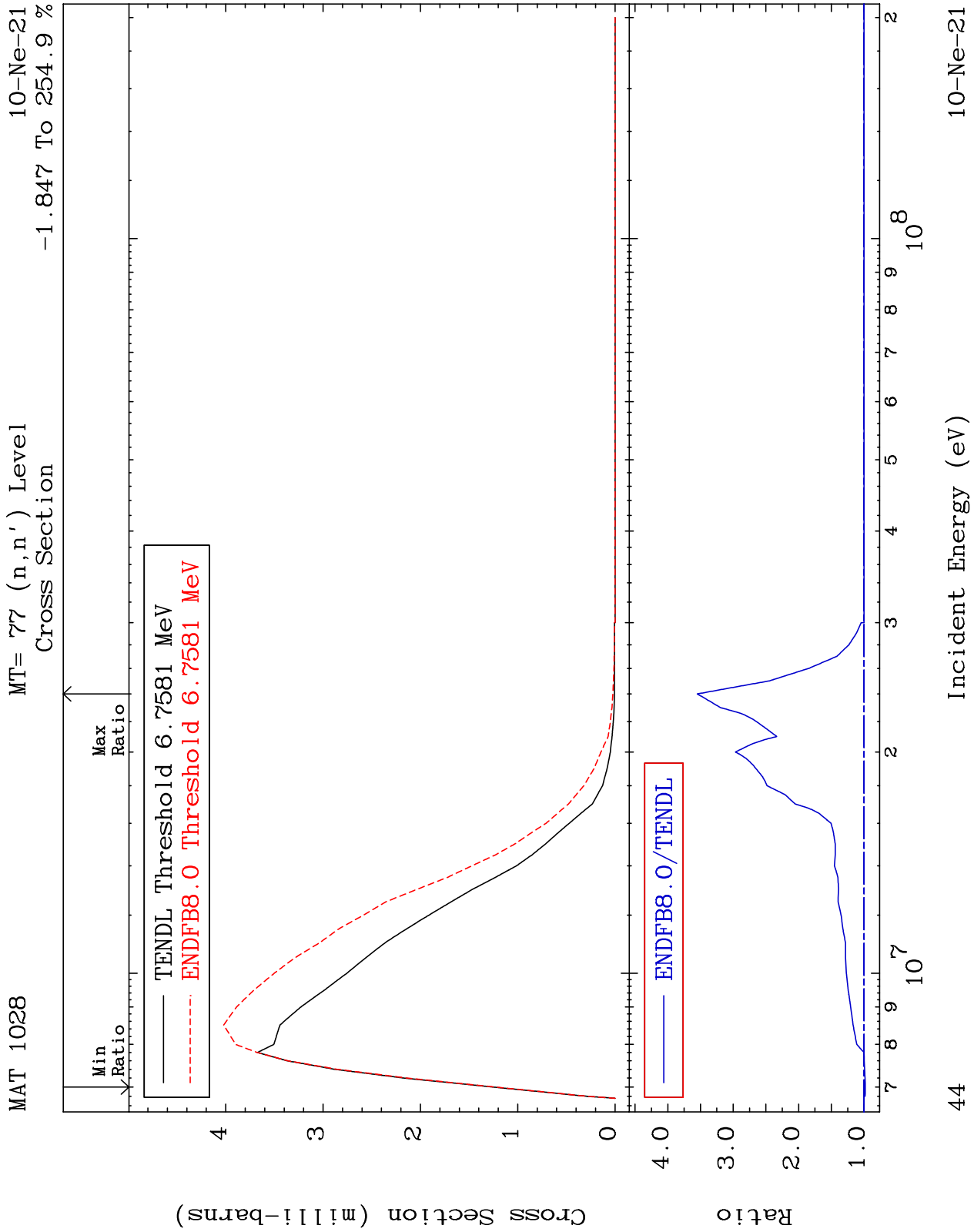
10-Ne-21
-1.982 To 131.9 %



43

Incident Energy (eV)

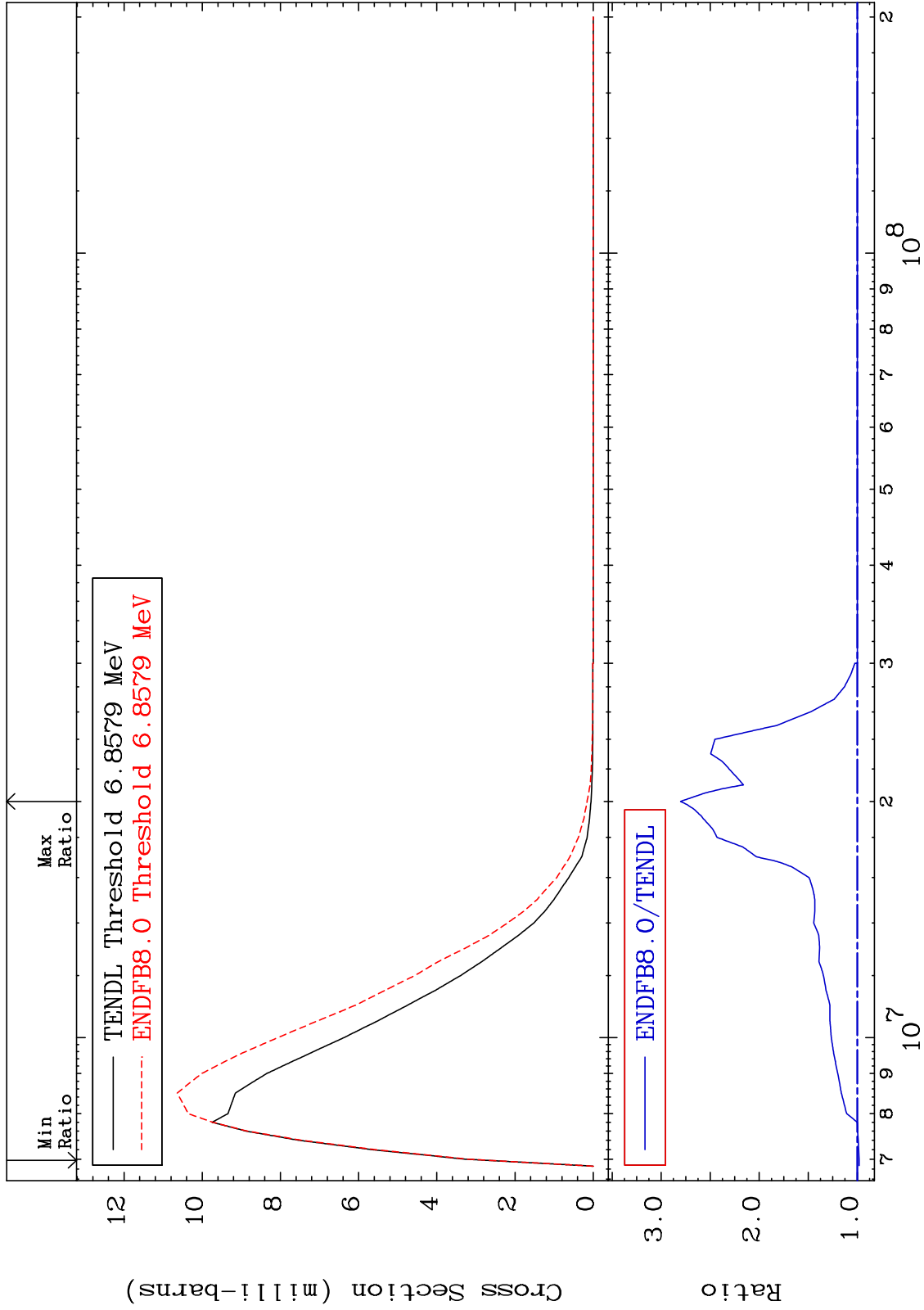
10-Ne-21



MAT 1028

MT= 78 (n,n') Level
Cross Section

10-Ne-21
-1.937 To 180.2 %



45

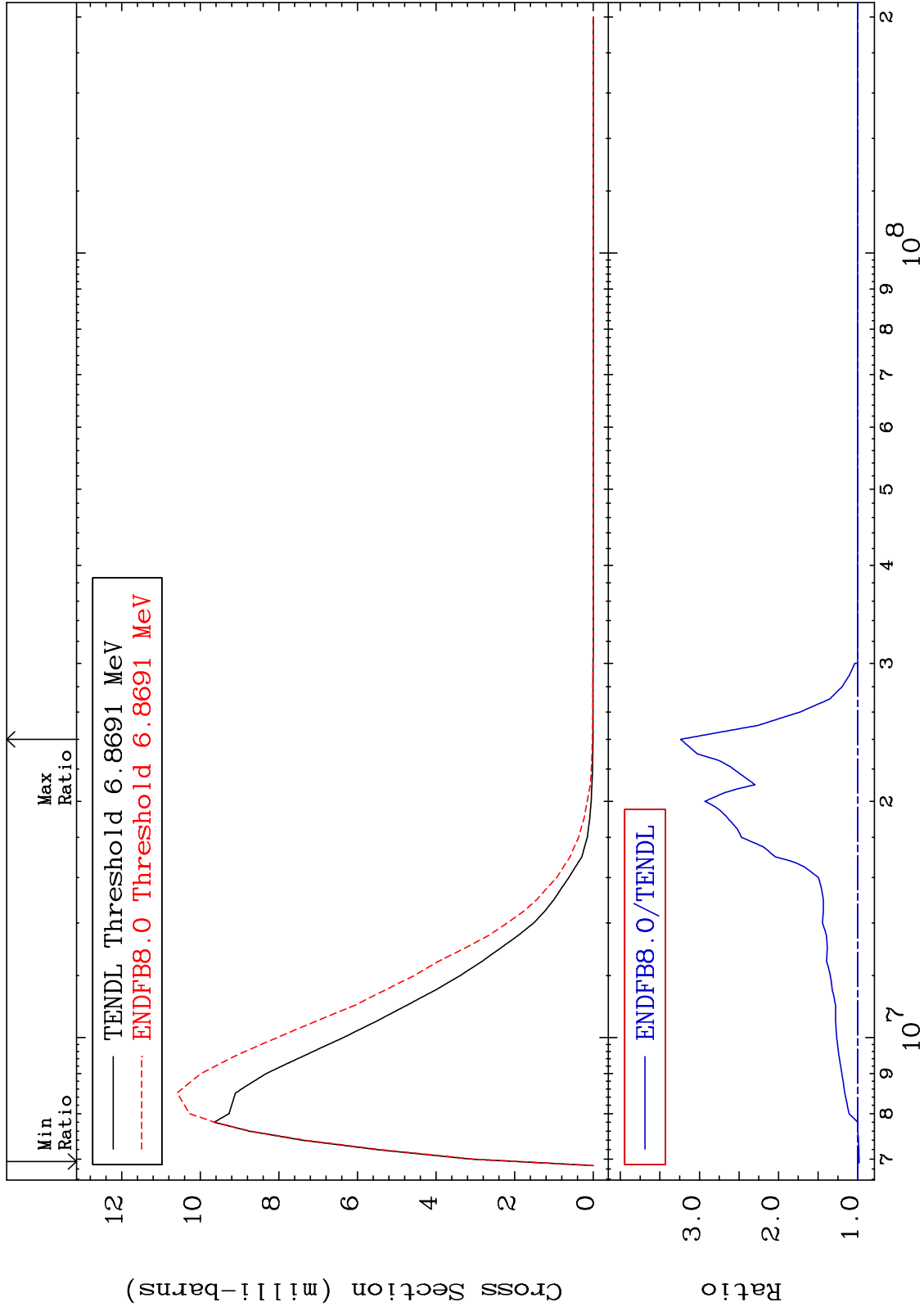
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 79 (n,n') Level
Cross Section

10-Ne-21
-1.941 To 223.8 %



46

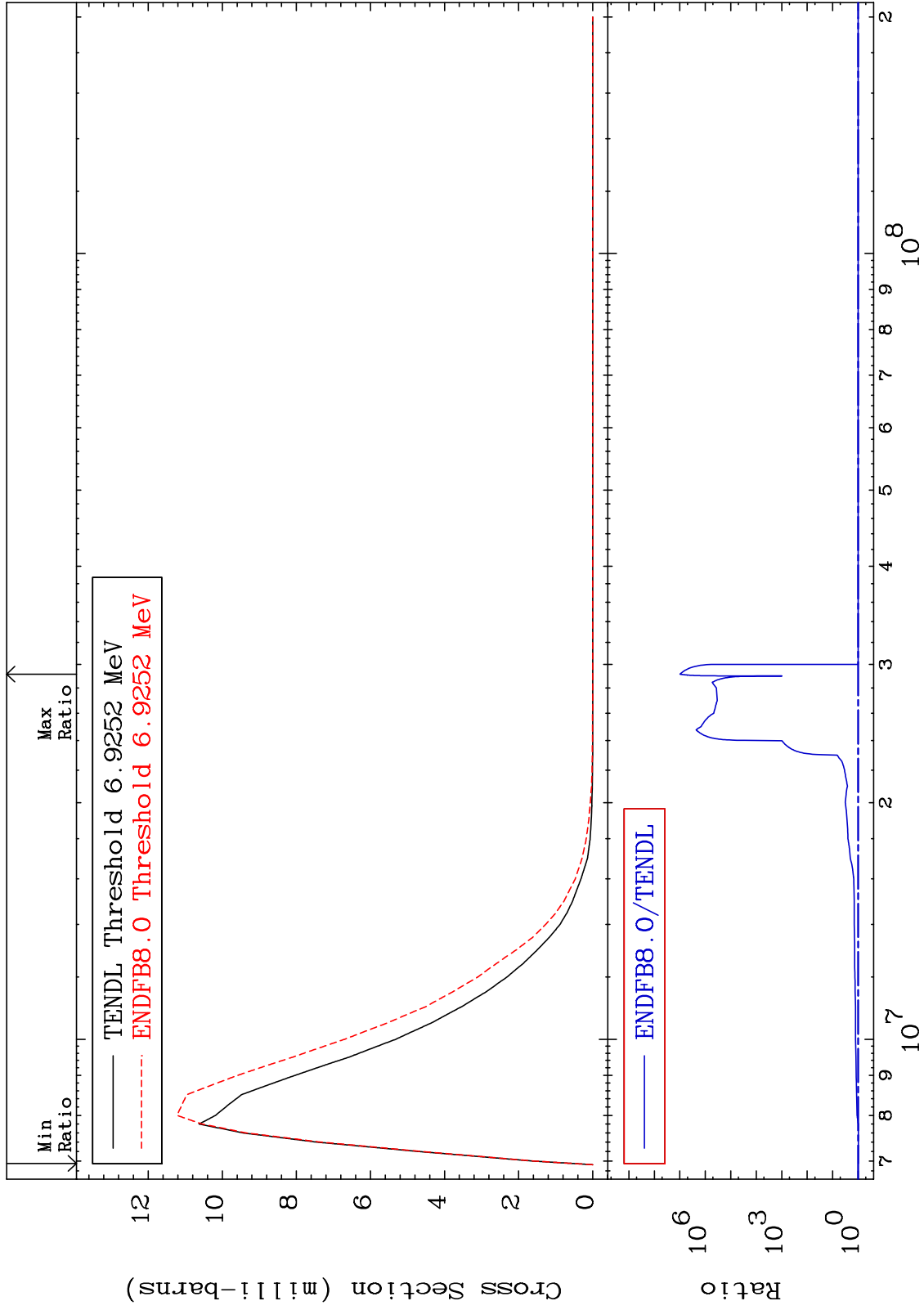
10-Ne-21

10-Ne-21

MAT 1028

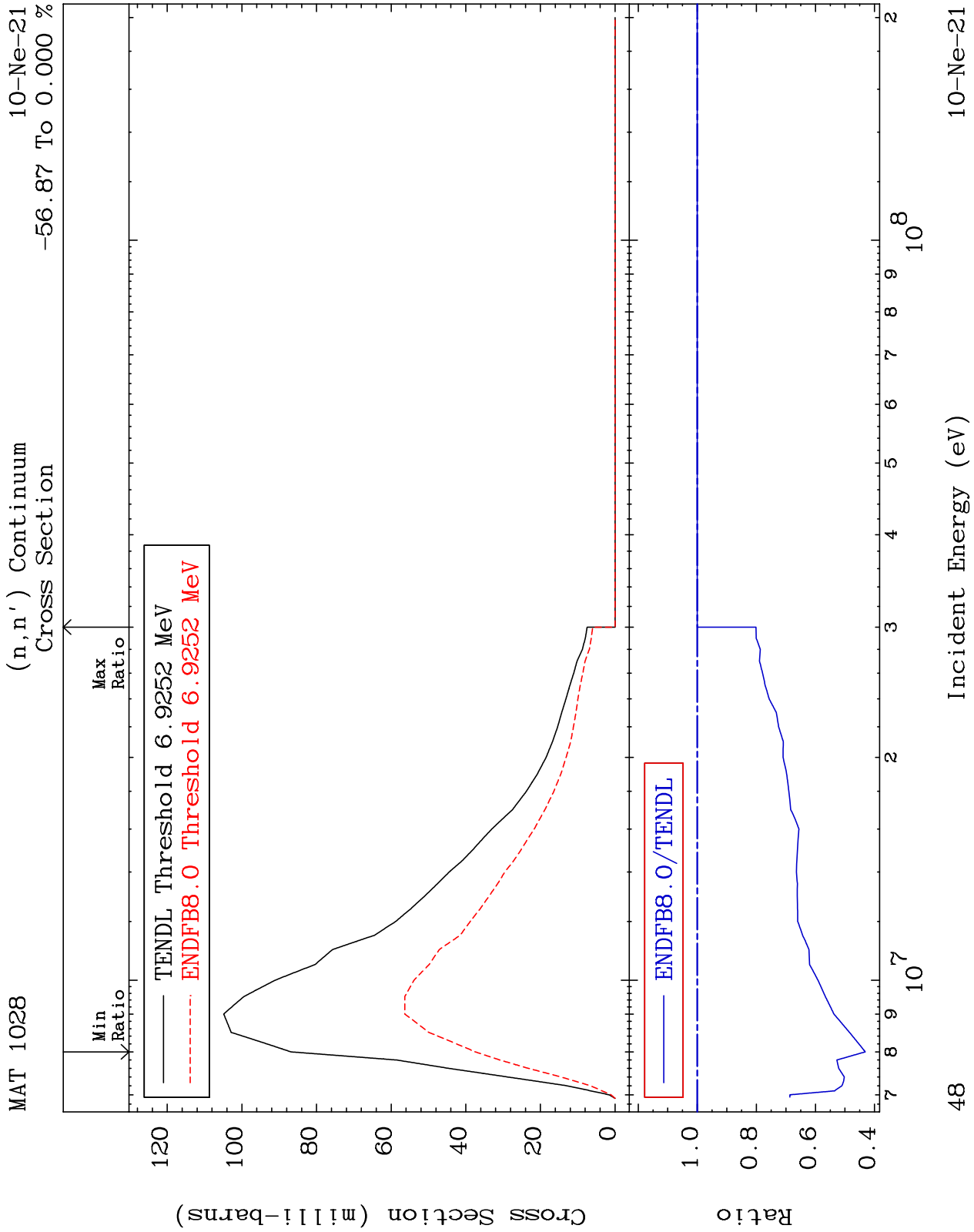
MT= 80 (n,n') Level
Cross Section

10-Ne-21
-2.068 To 9999. %



47

10-Ne-21

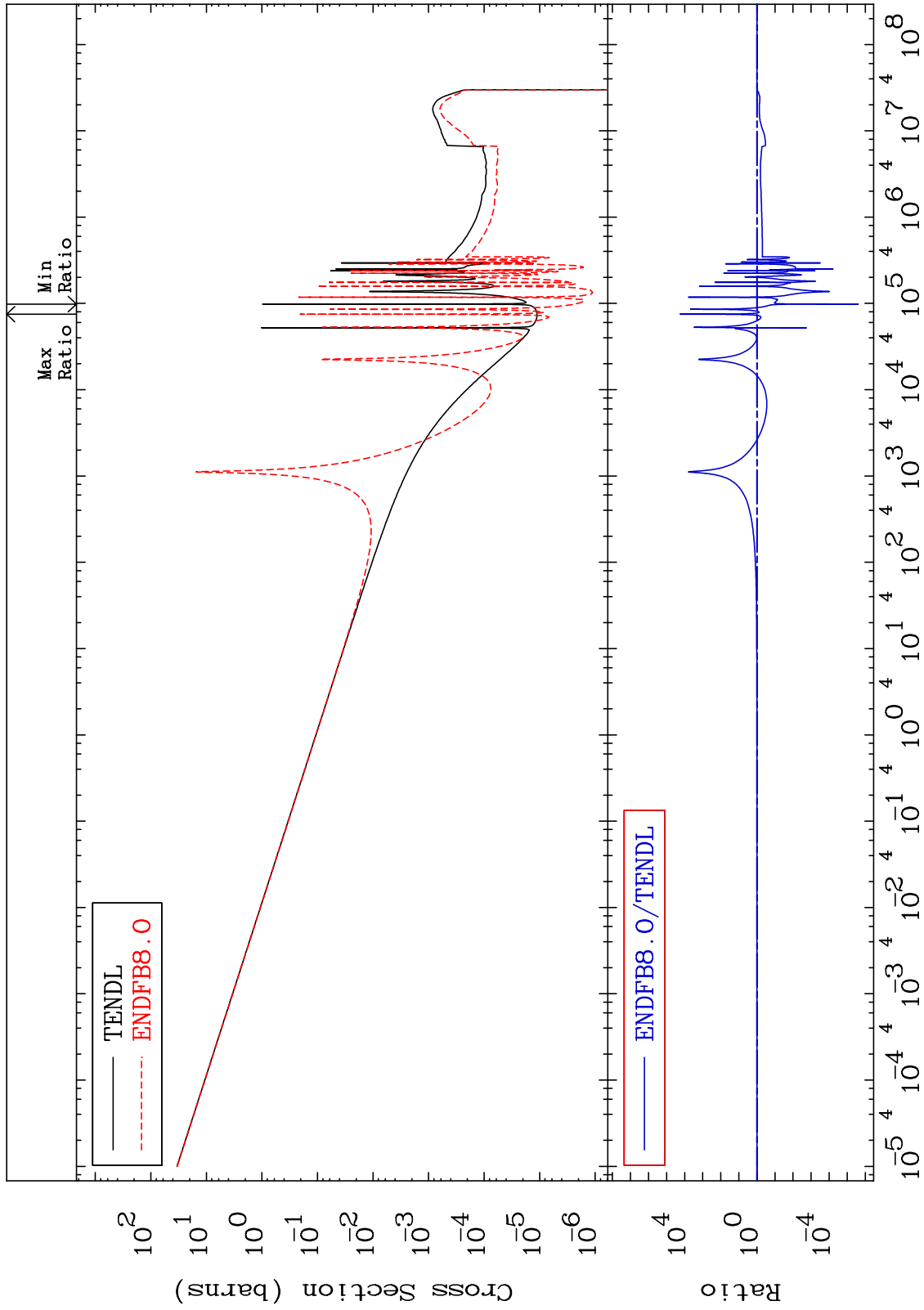


MAT 1028

(n, γ)
Cross Section

10-Ne-21

-100.0 To 9999. %



49

Incident Energy (eV)

10-Ne-21

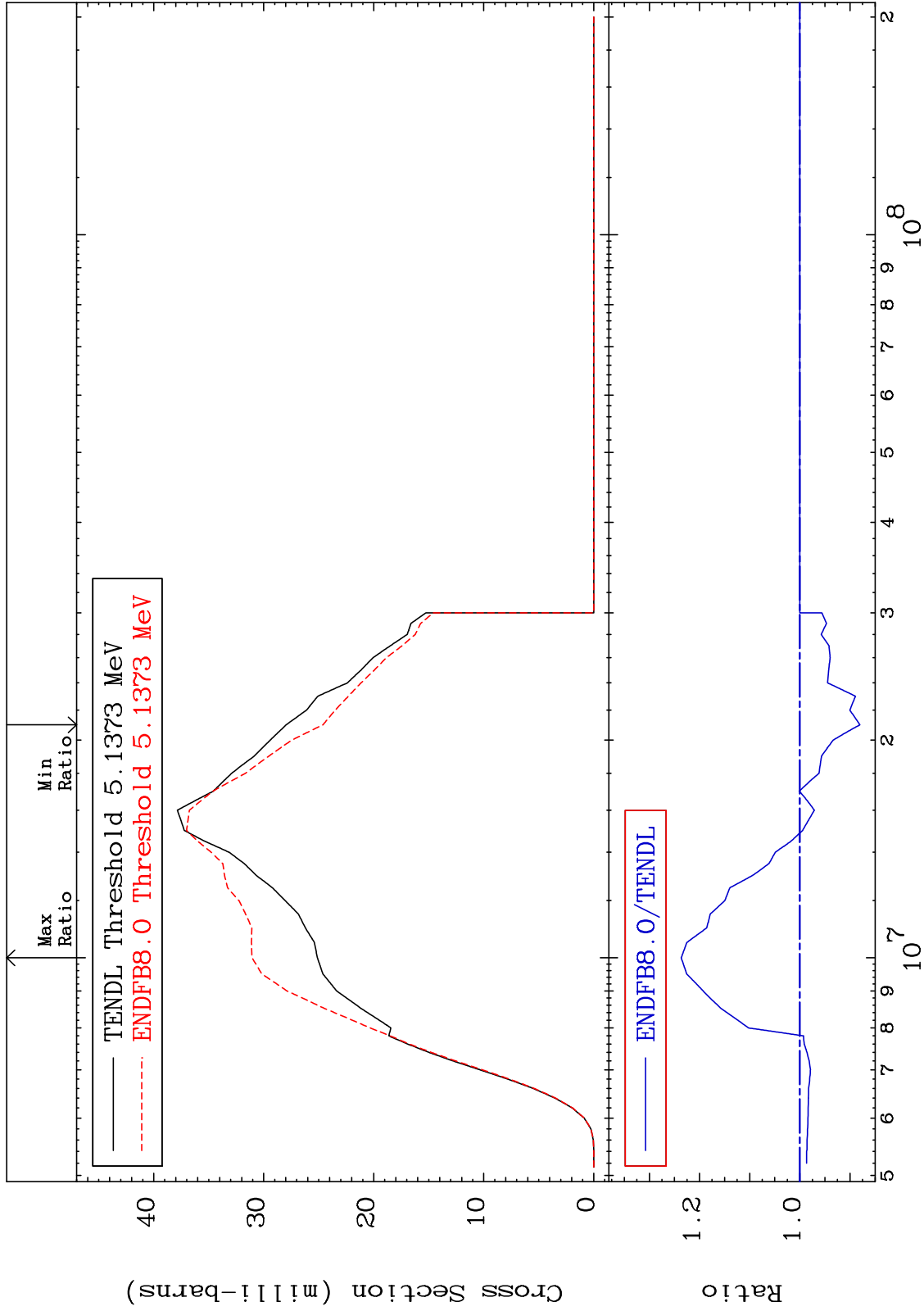
MAT 1028

(n, p)

10-Ne-21

Cross Section

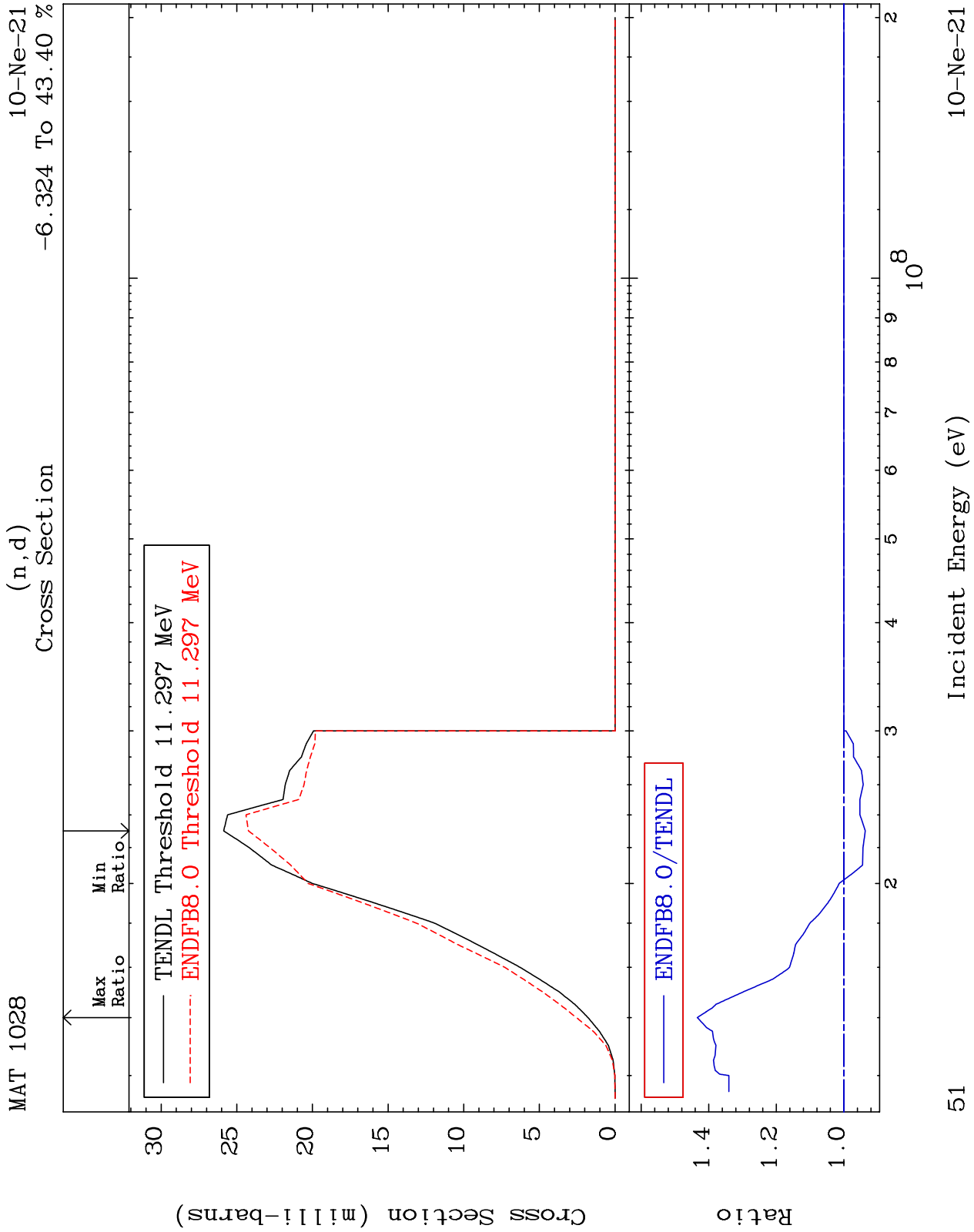
-11.98 To 23.65 %

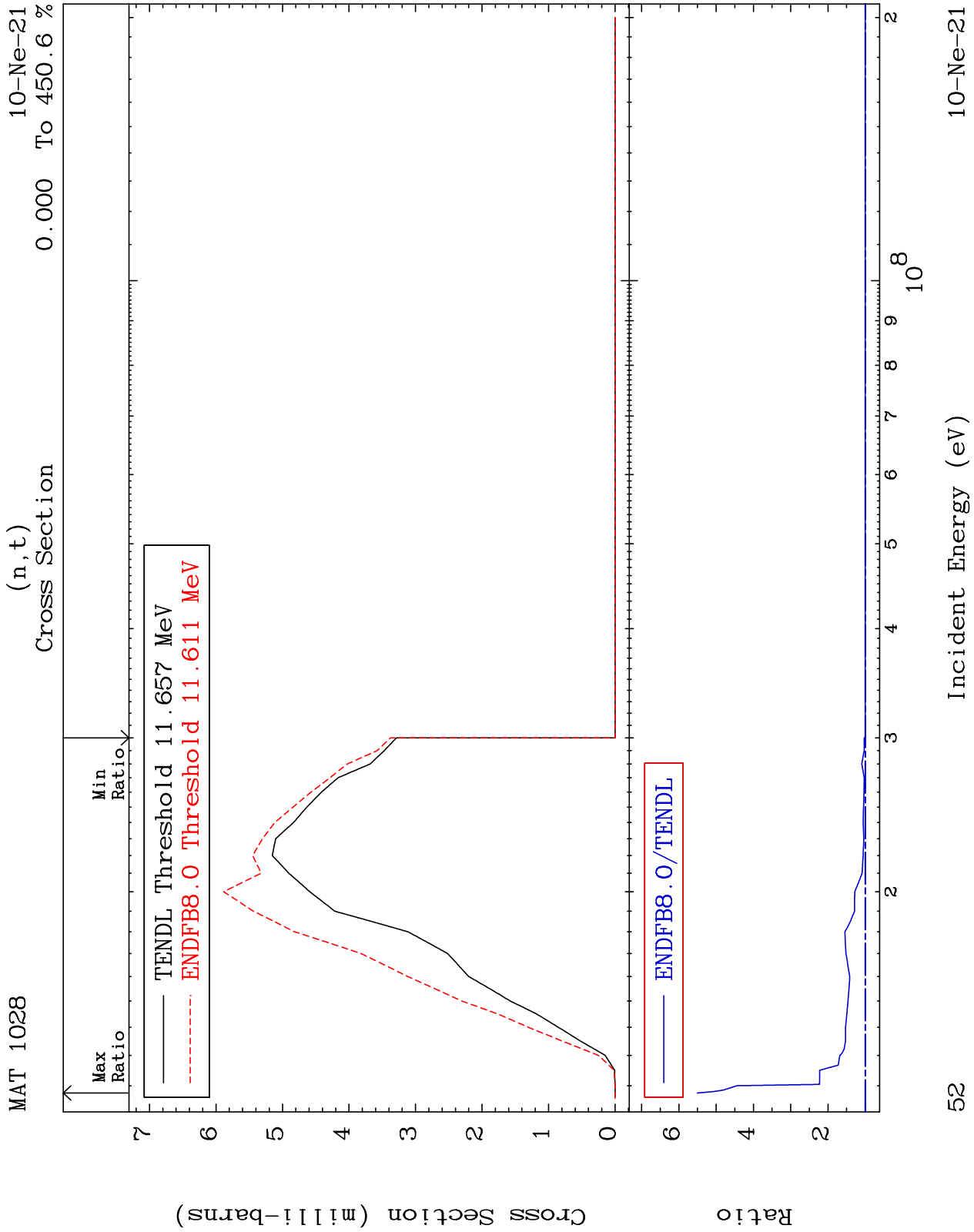


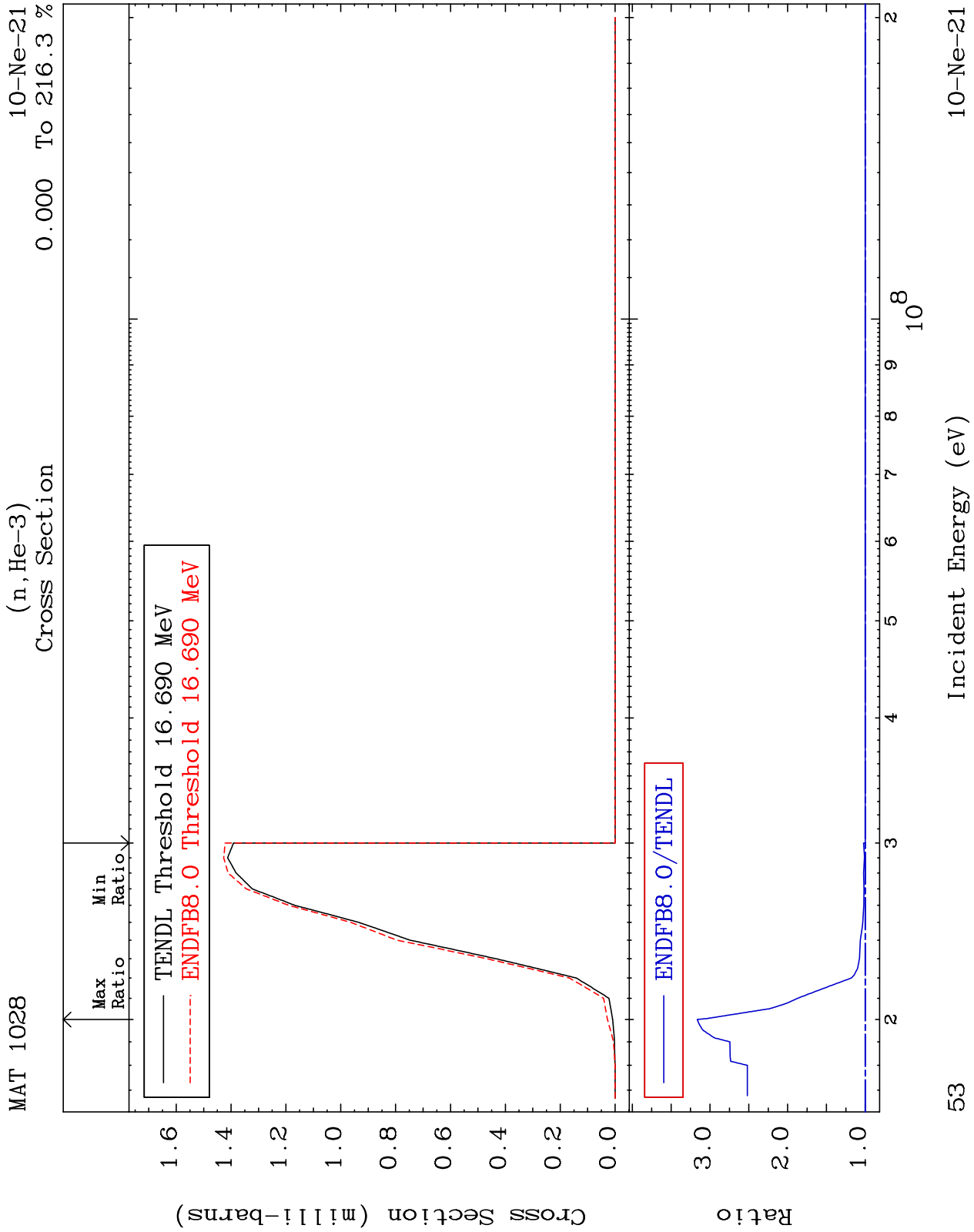
10-Ne-21

Incident Energy (eV)

50







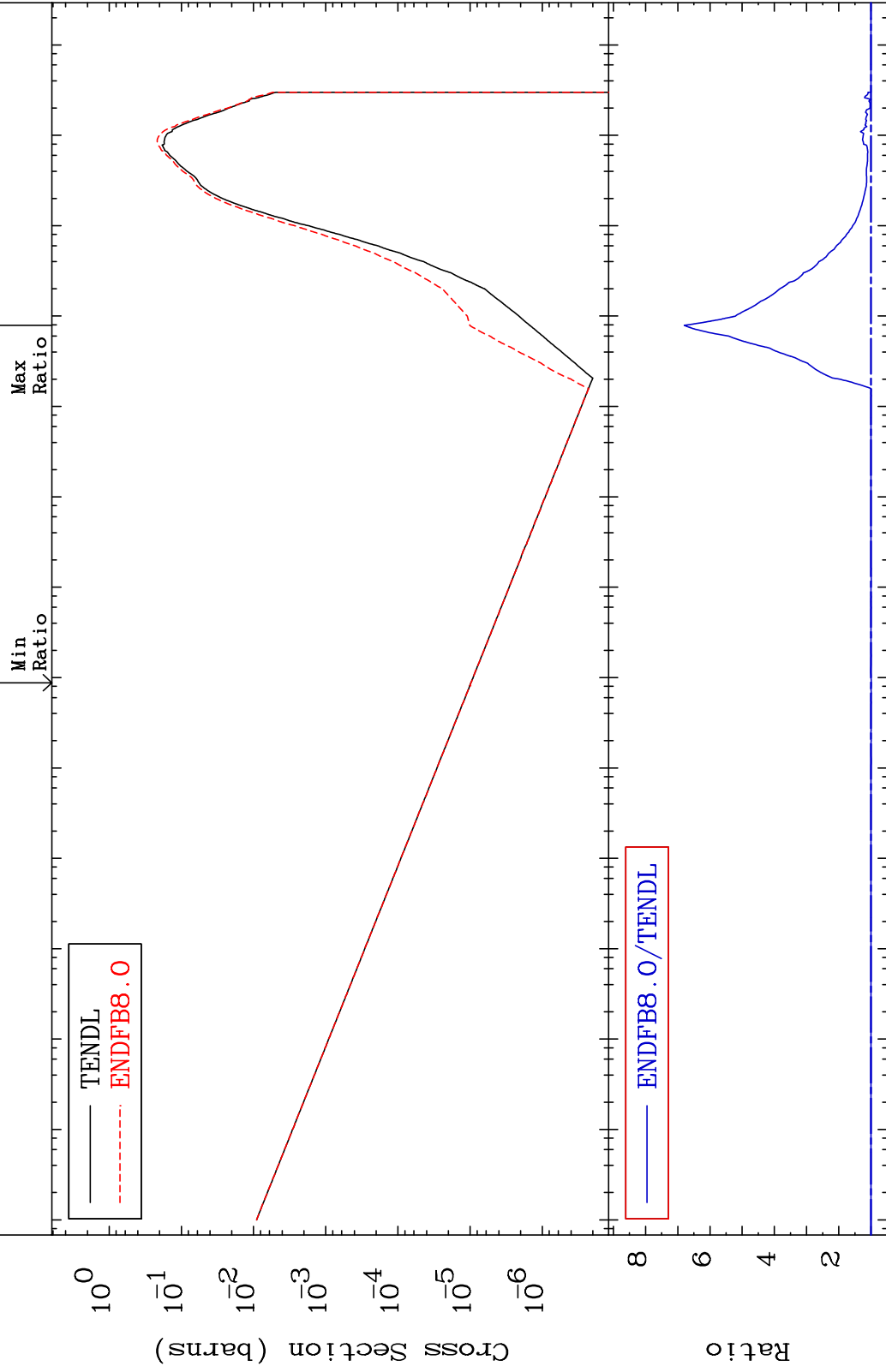
MAT 1028

(n, α)

10-Ne-21

-0.774 To 579.7 %

Cross Section



54

Incident Energy (eV)

10-Ne-21

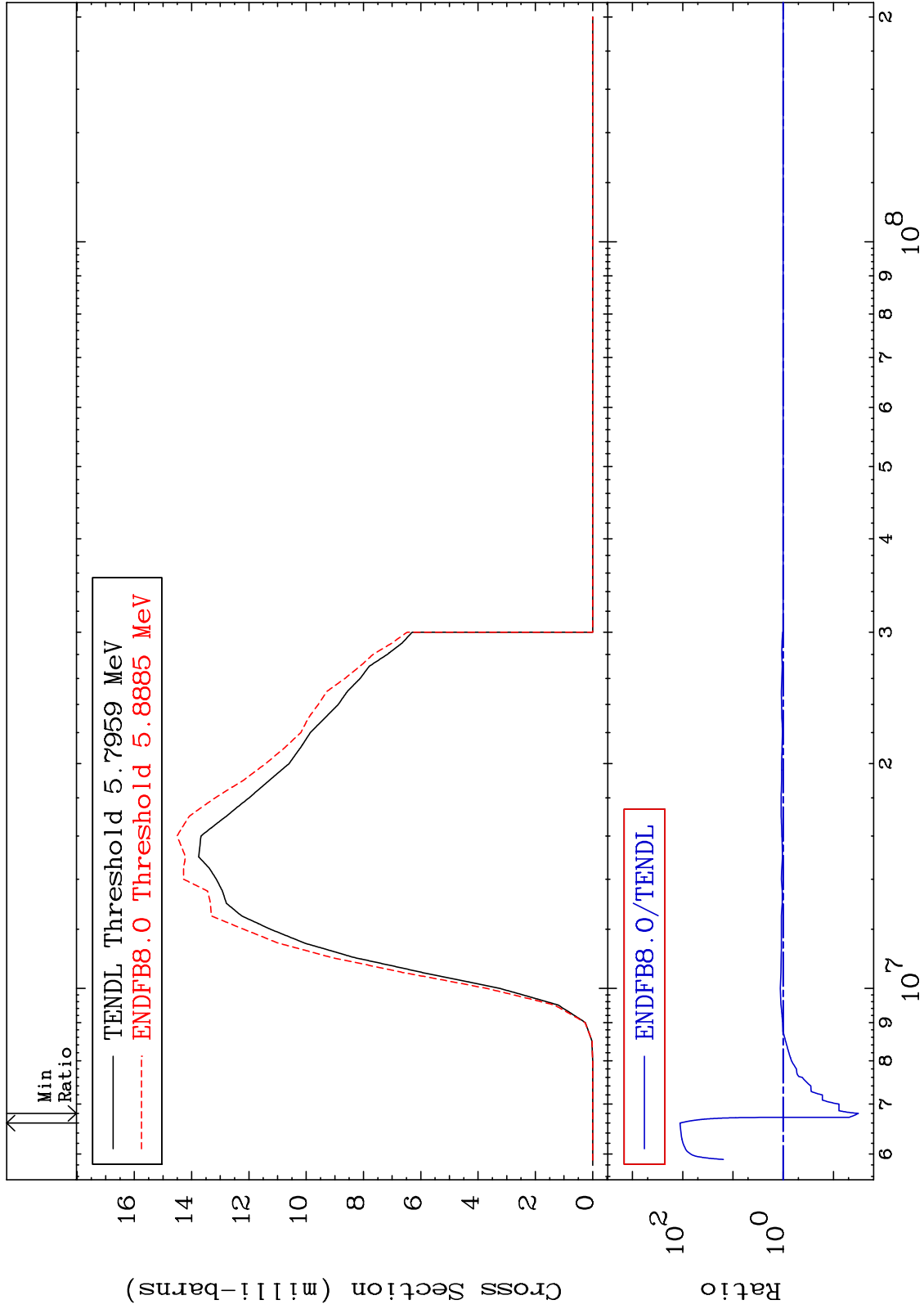
MAT 1028

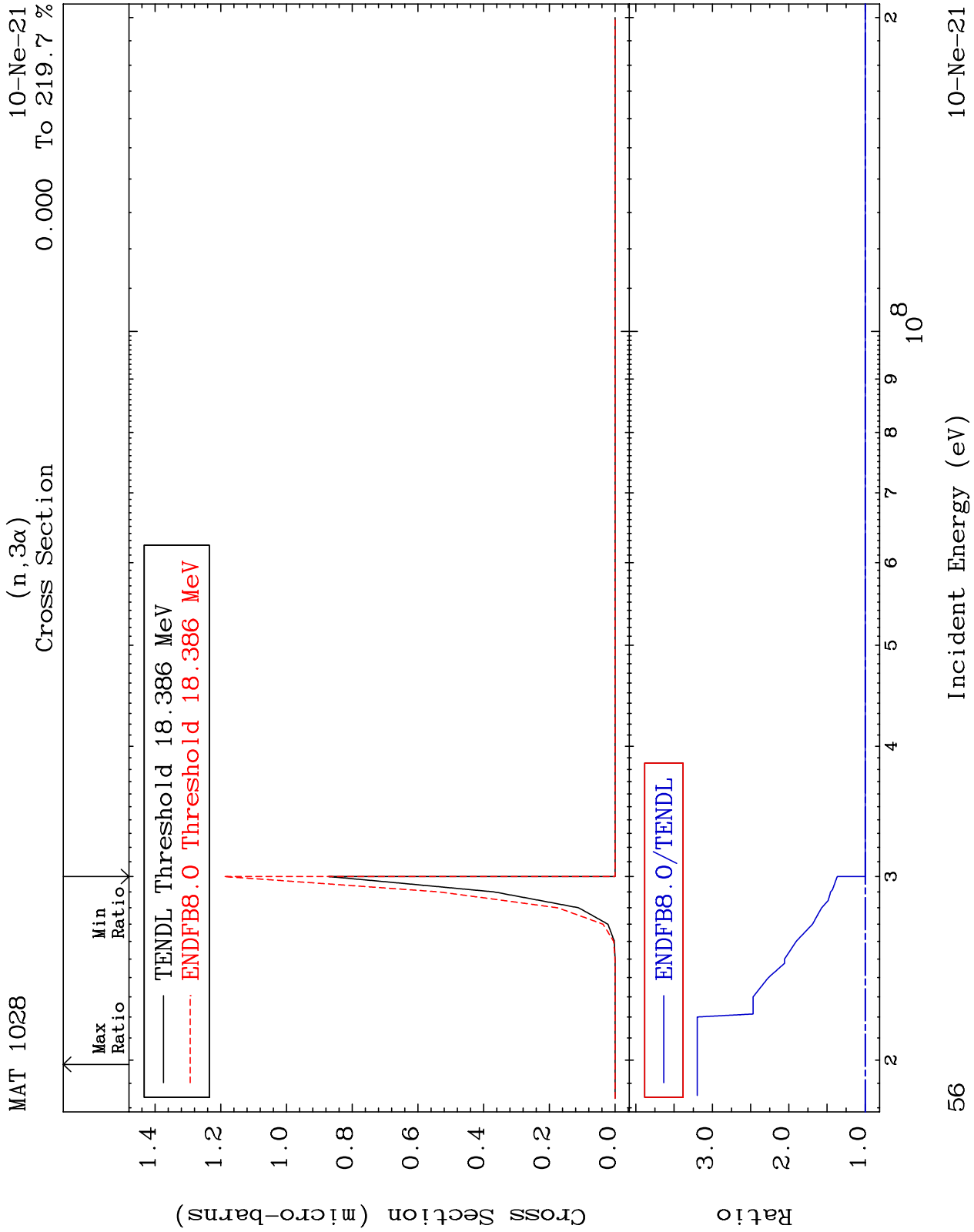
(n,2α)

10-Ne-21

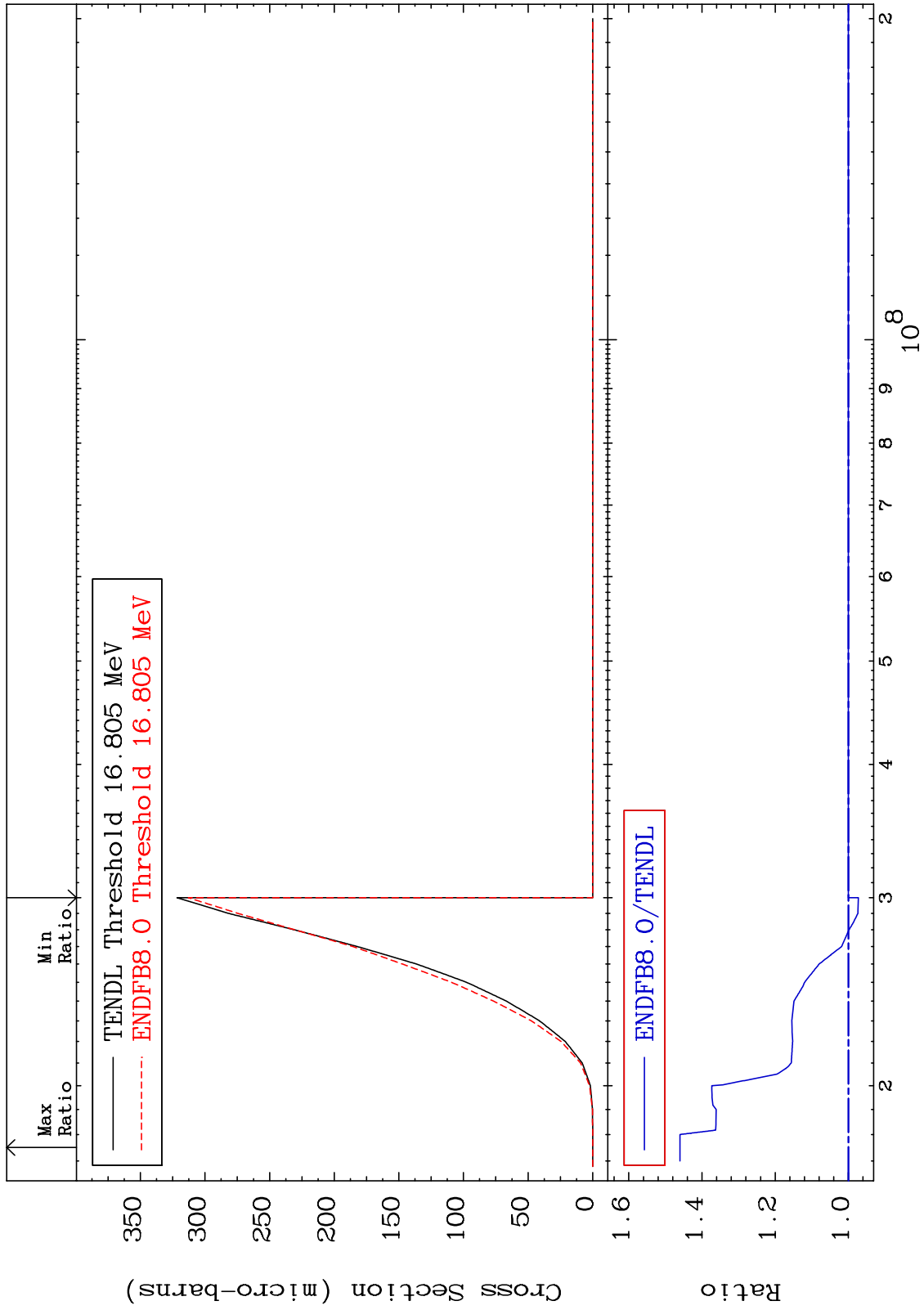
Cross Section

-96.82 To 9999. %





MAT 1028 (n,2p) 10-Ne-21
 Cross Section -2.732 To 46.00 %

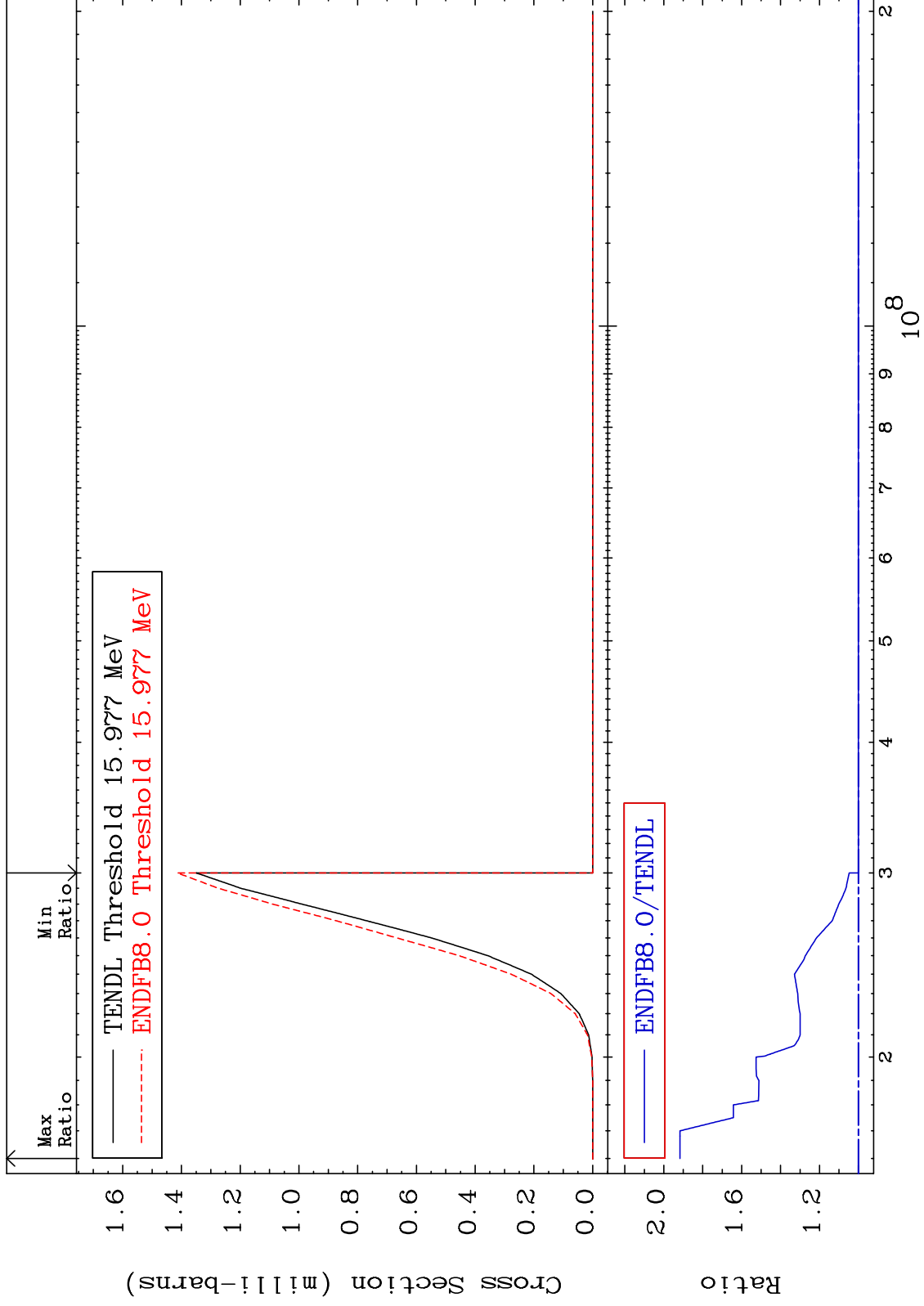


MAT 1028

(n,p) α

Cross Section

0.000 To 91.66 %
10-Ne-21



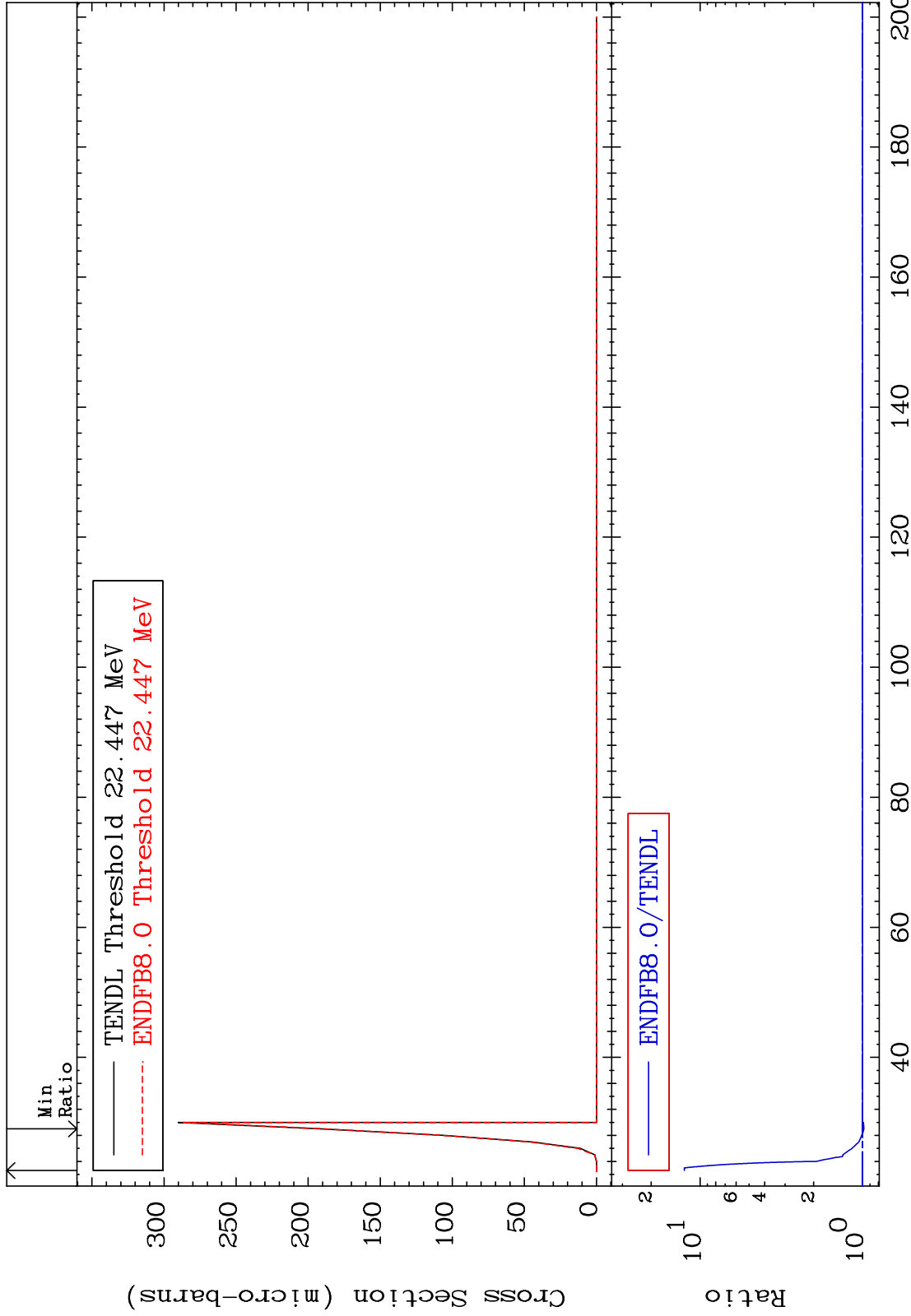
MAT 1028

(n,p) d

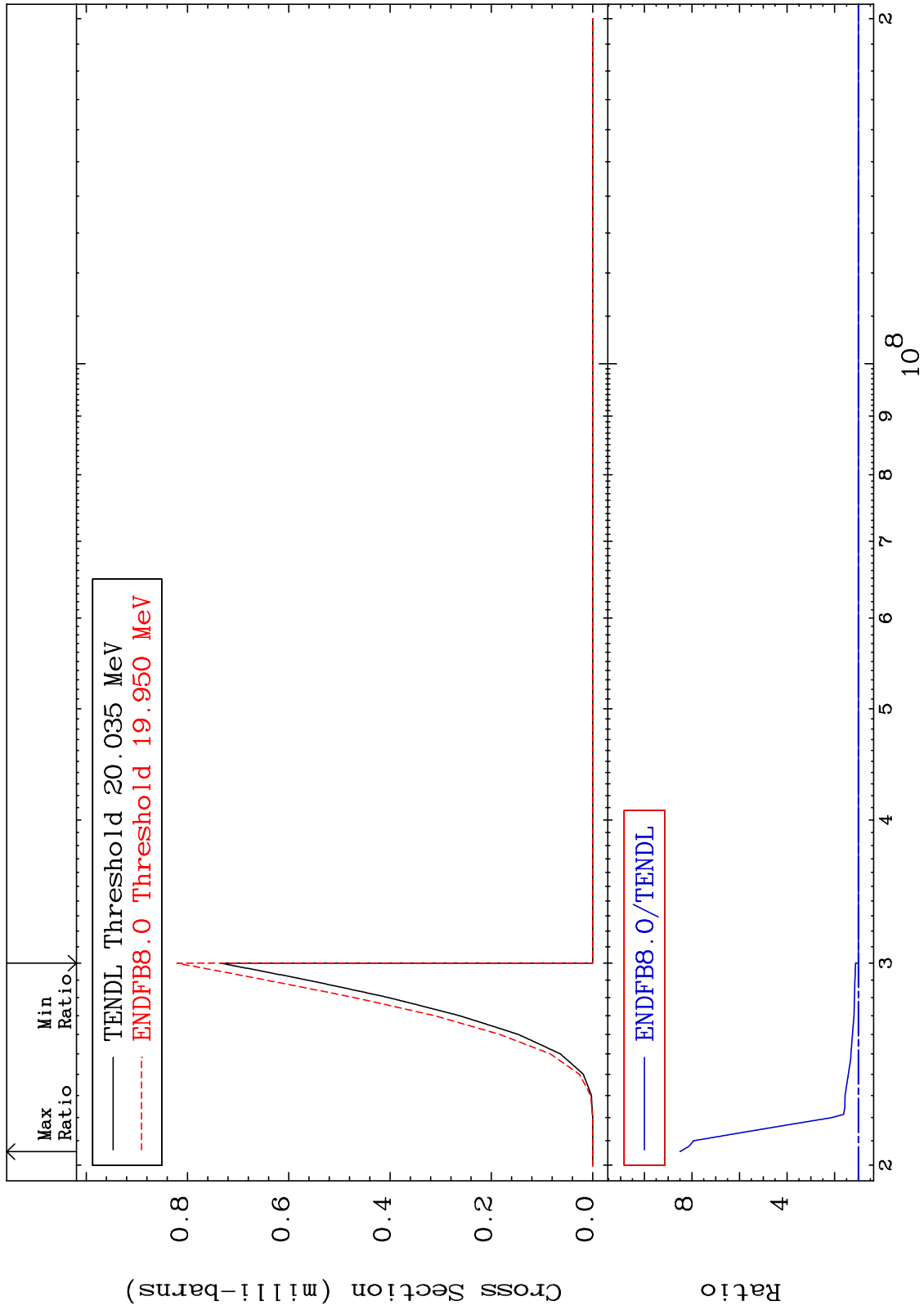
10-Ne-21

Cross Section

-1.786 To 1148. %

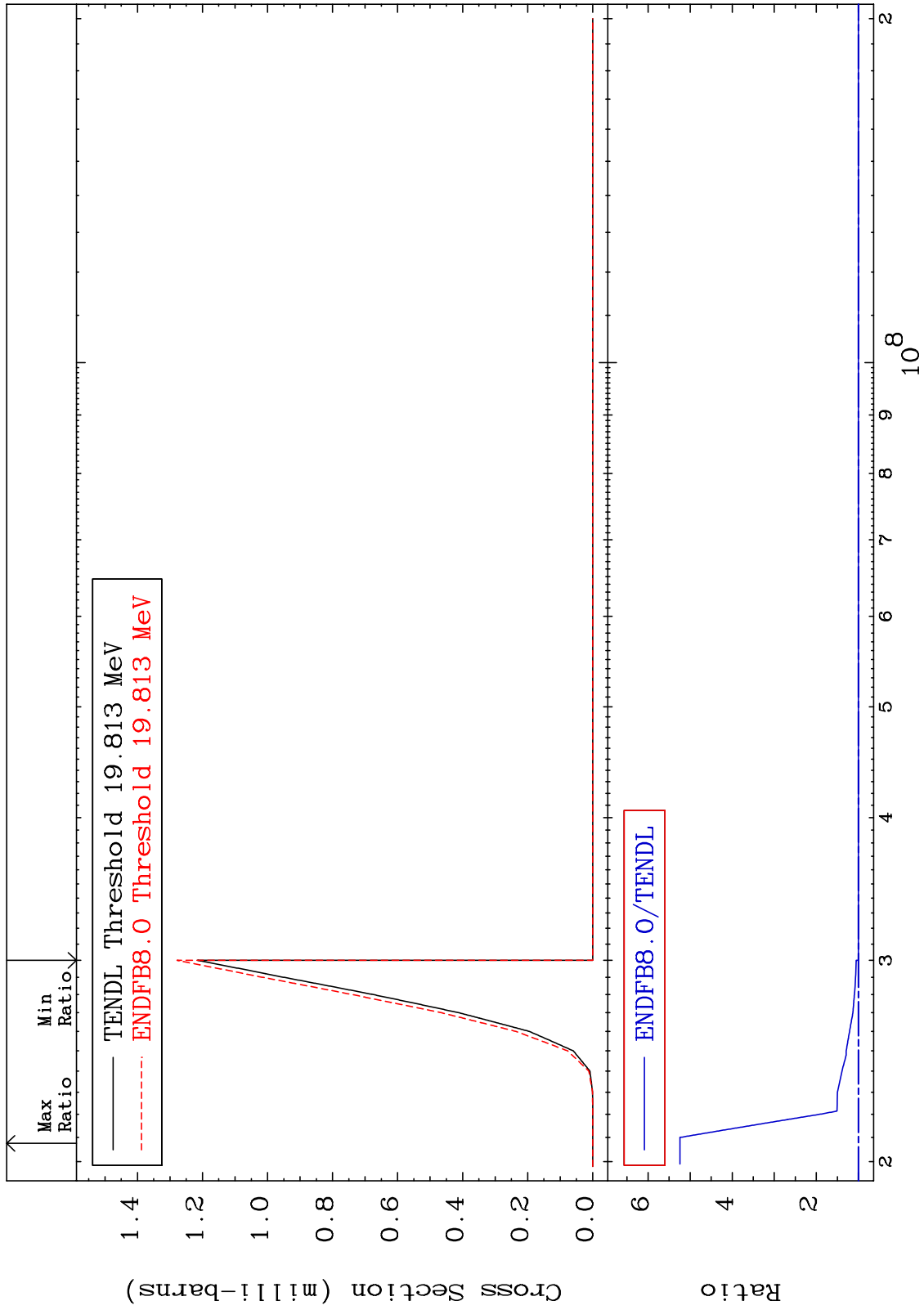


MAT 1028 (n,p) t 10-Ne-21
 Cross Section 0.000 To 749.9 %



60 10-Ne-21

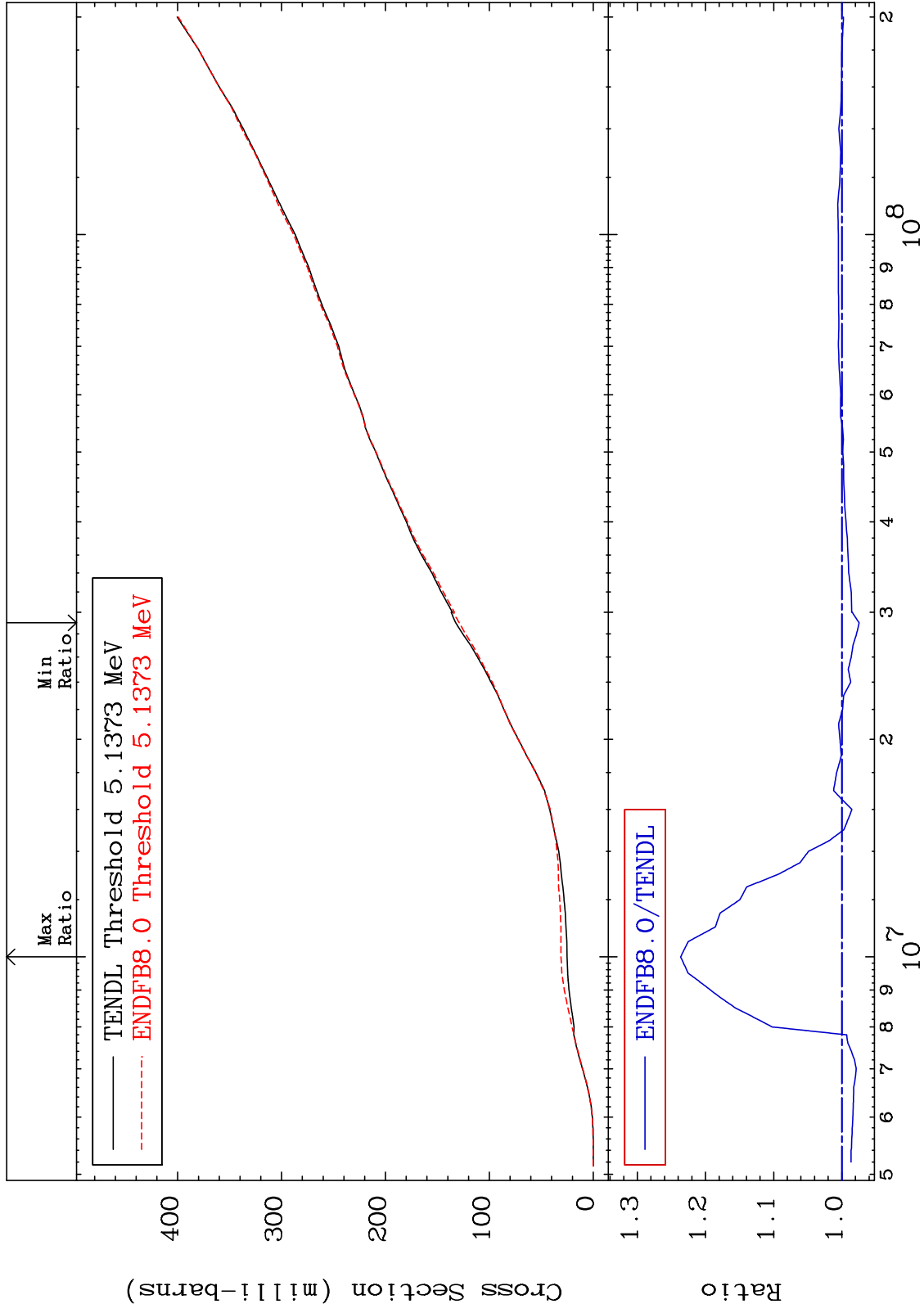
MAT 1028 (n,d) α Cross Section 10-Ne-21 To 424.1 %
 0.000



MAT 1028

Hydrogen Production
Cross Section

10-Ne-21
-2.543 To 23.65 %



62

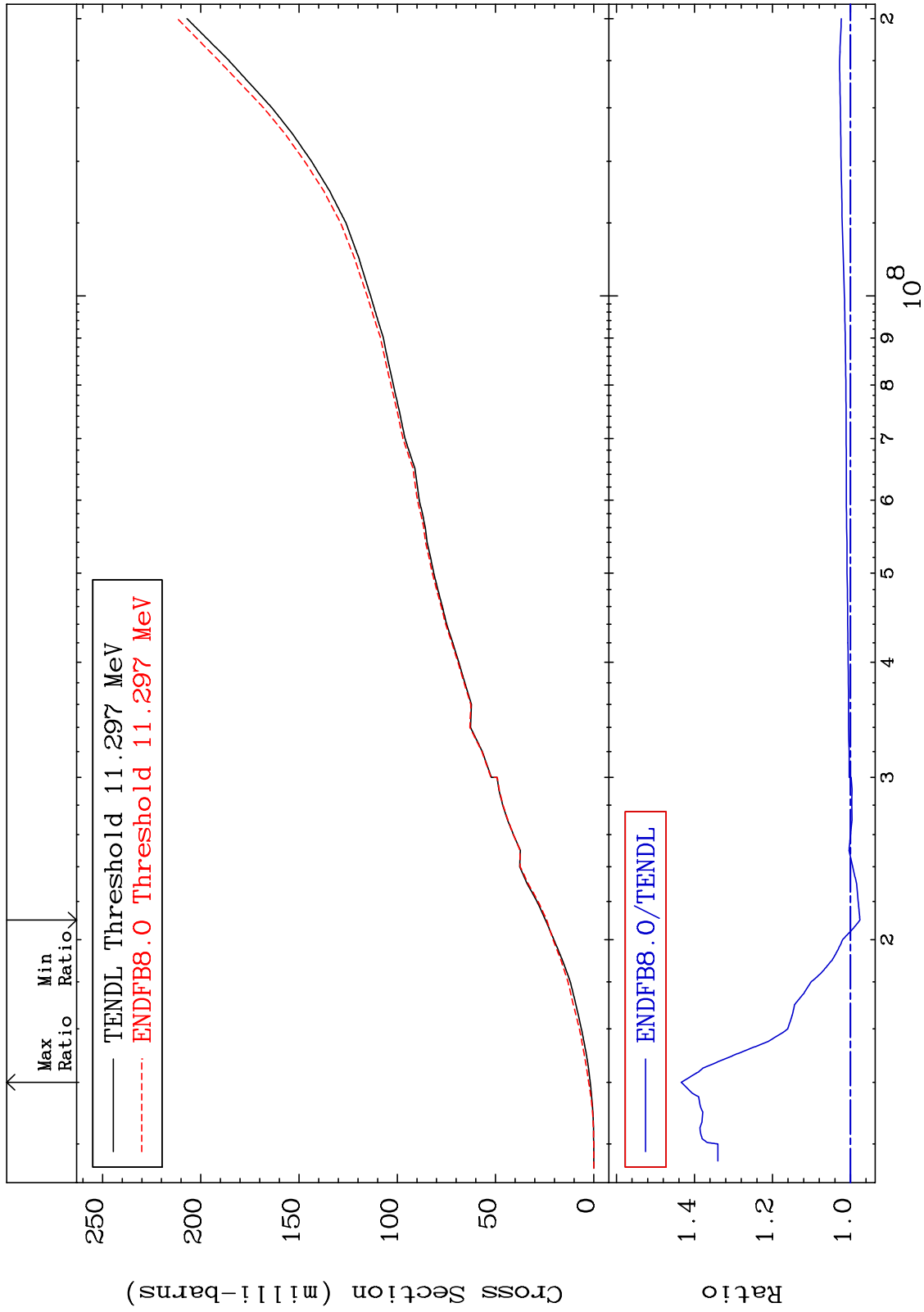
Incident Energy (eV)

10-Ne-21

MAT 1028

Deuterium Production
Cross Section

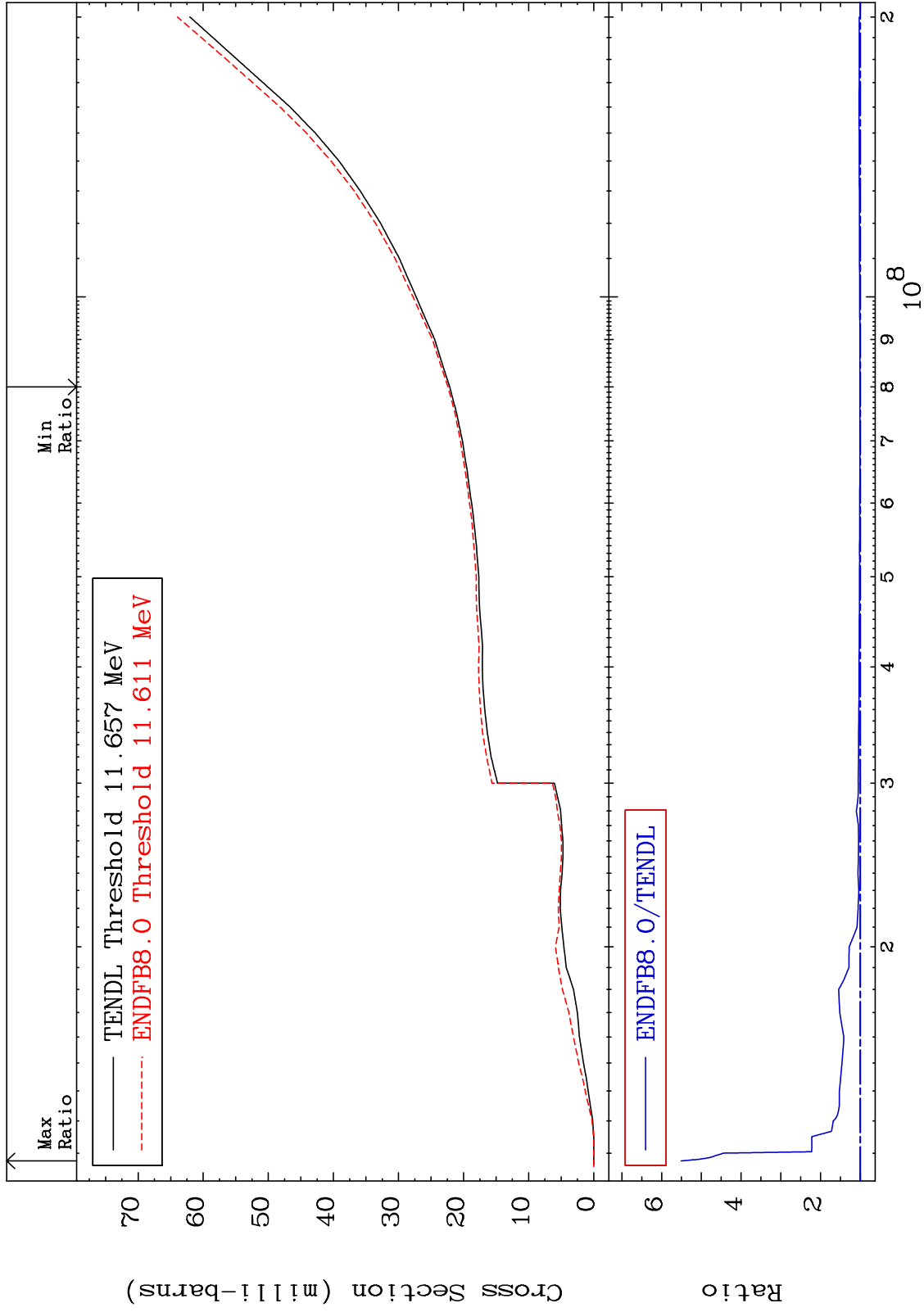
10-Ne-21
-2.419 To 43.40 %

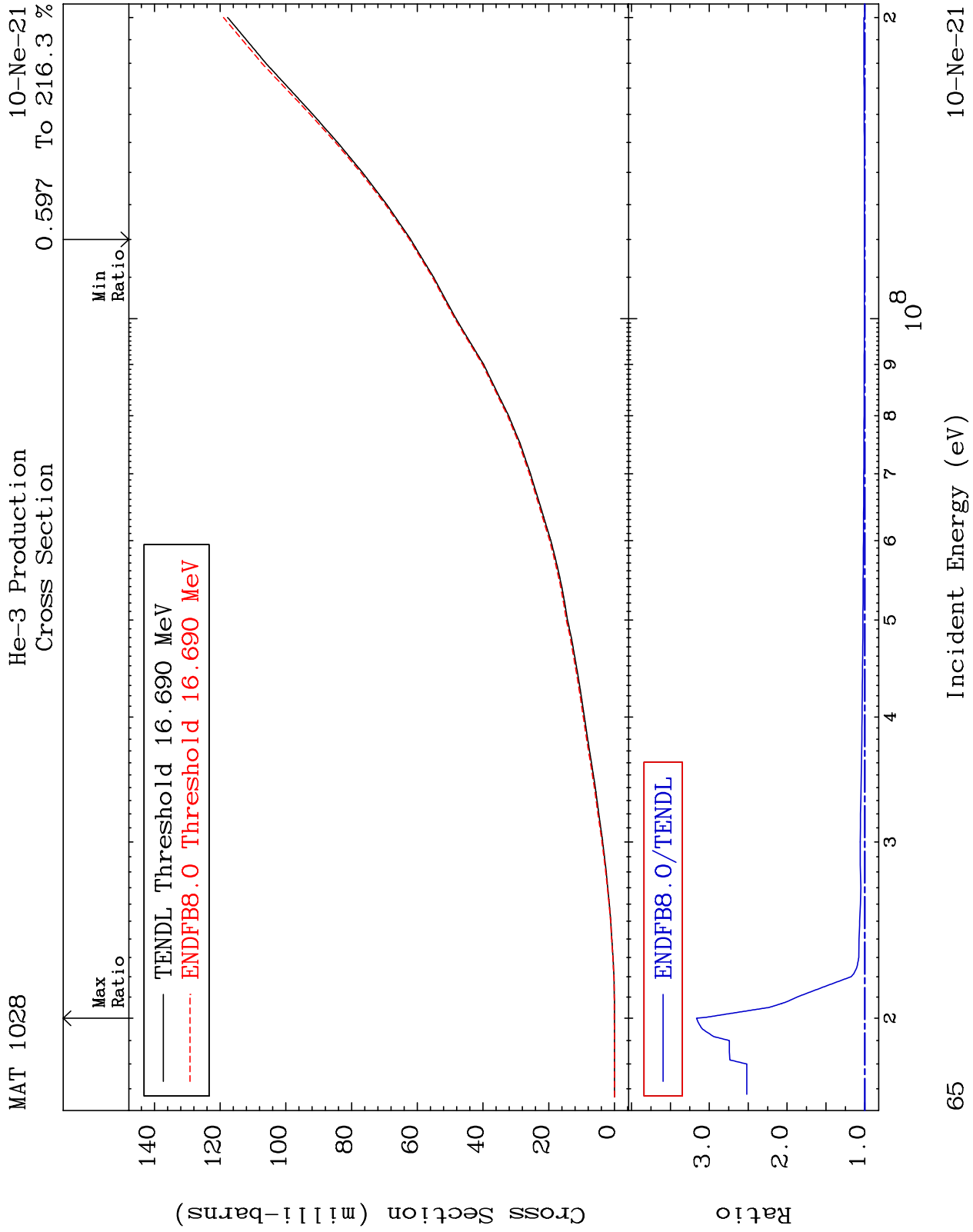


MAT 1028

Tritium Production
Cross Section

10-Ne-21
1.159 To 450.6 %

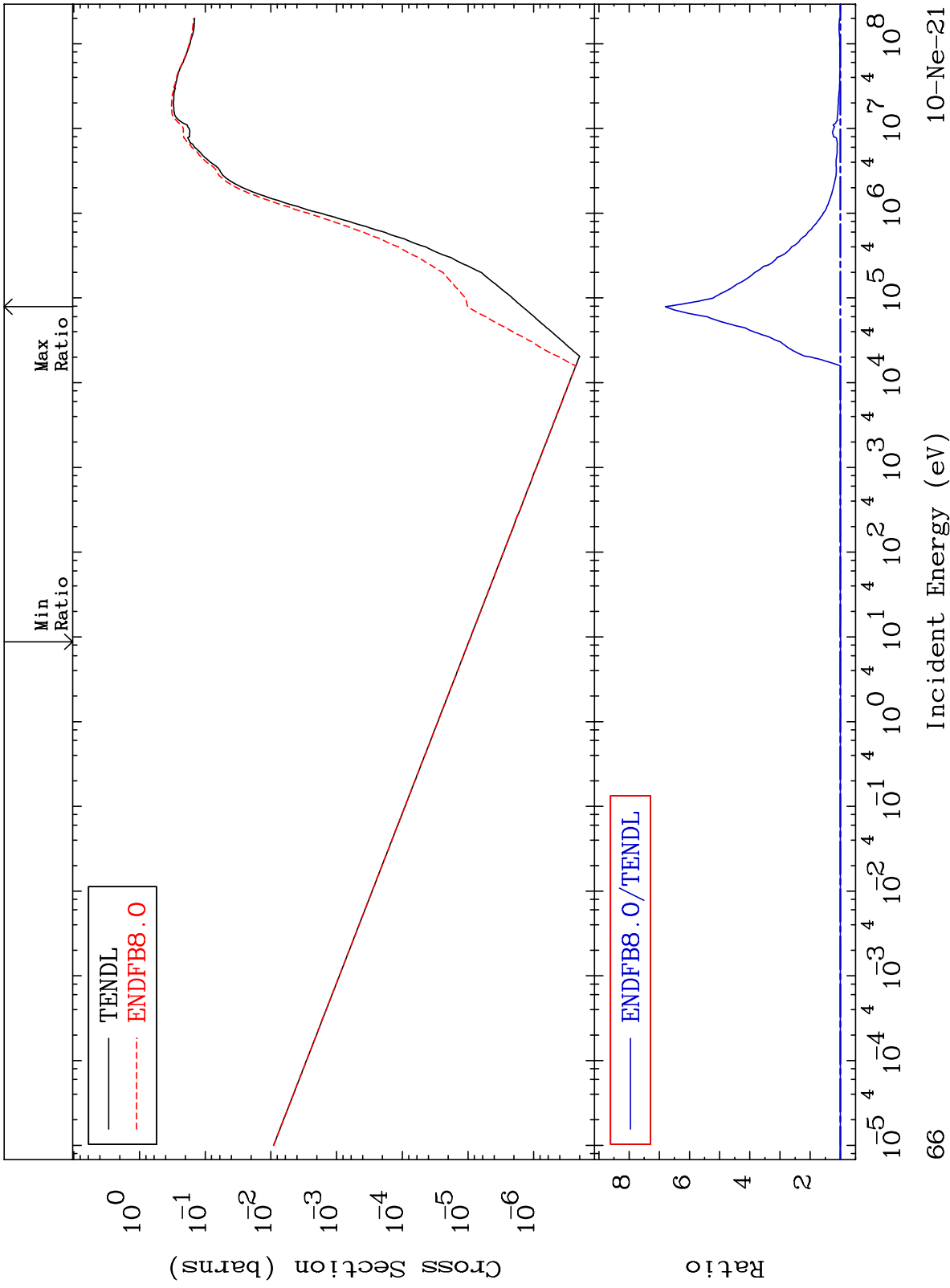




MAT 1028

He-4 Production
Cross Section

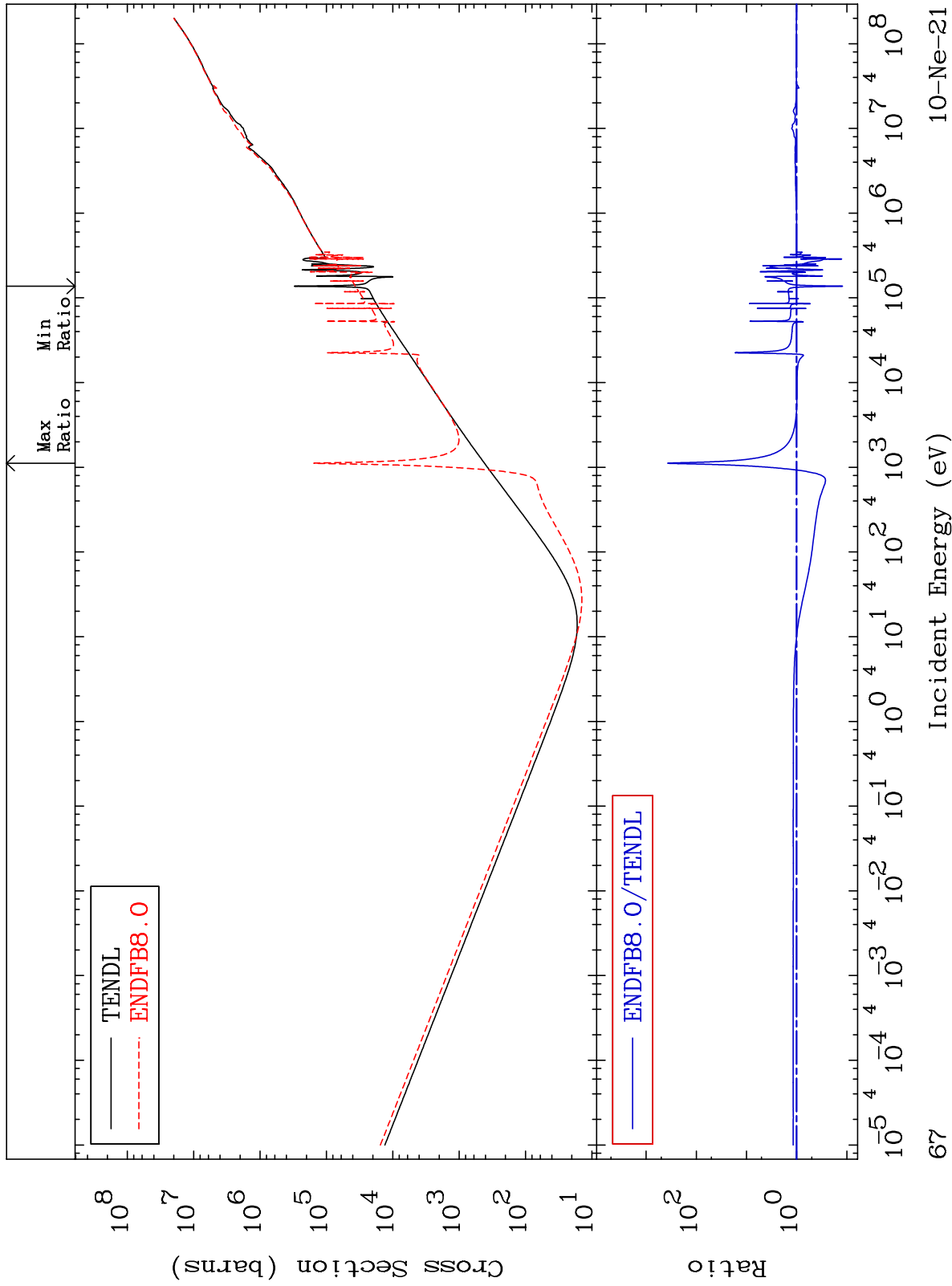
10-Ne-21
-0.774 To 579.7 %



MAT 1028

Kerma total (eV-barns)
Cross Section

10-Ne-21
-87.89 To 9999. %



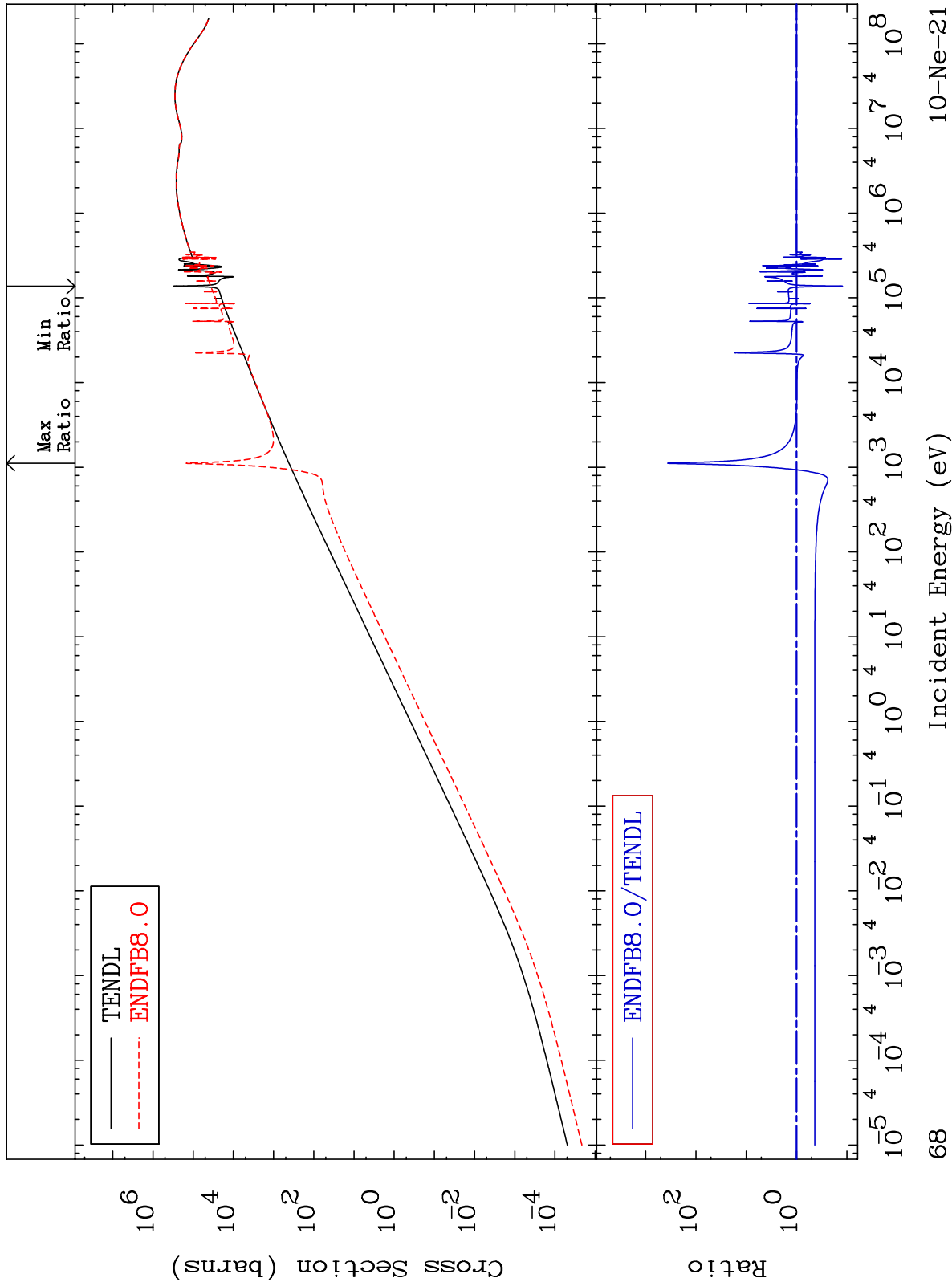
67

10-Ne-21

MAT 1028

Kerma elastic
Cross Section

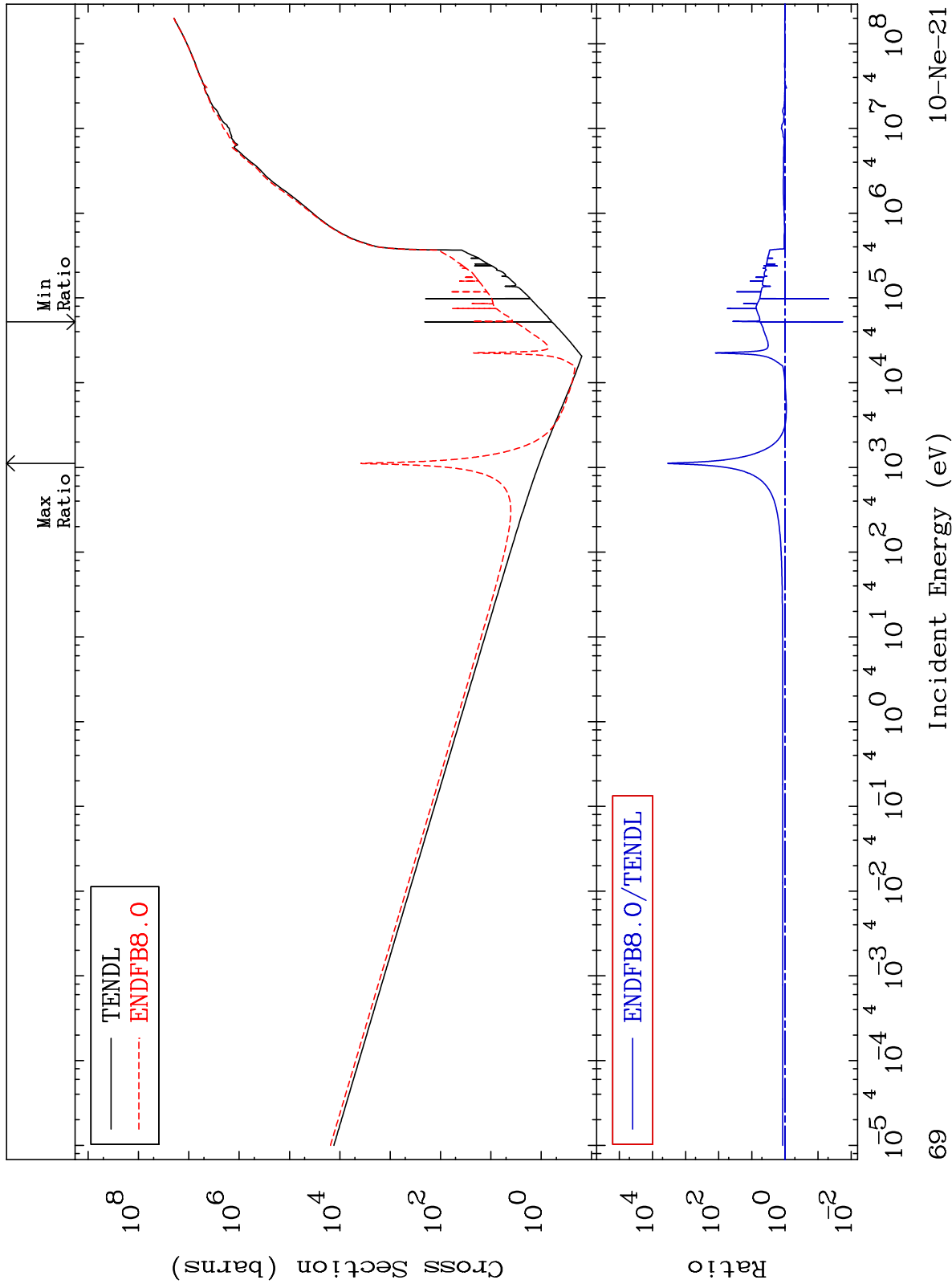
10-Ne-21
-87.90 To 9999. %



MAT 1028

Kerma non-elastic (all but mt2)
Cross Section

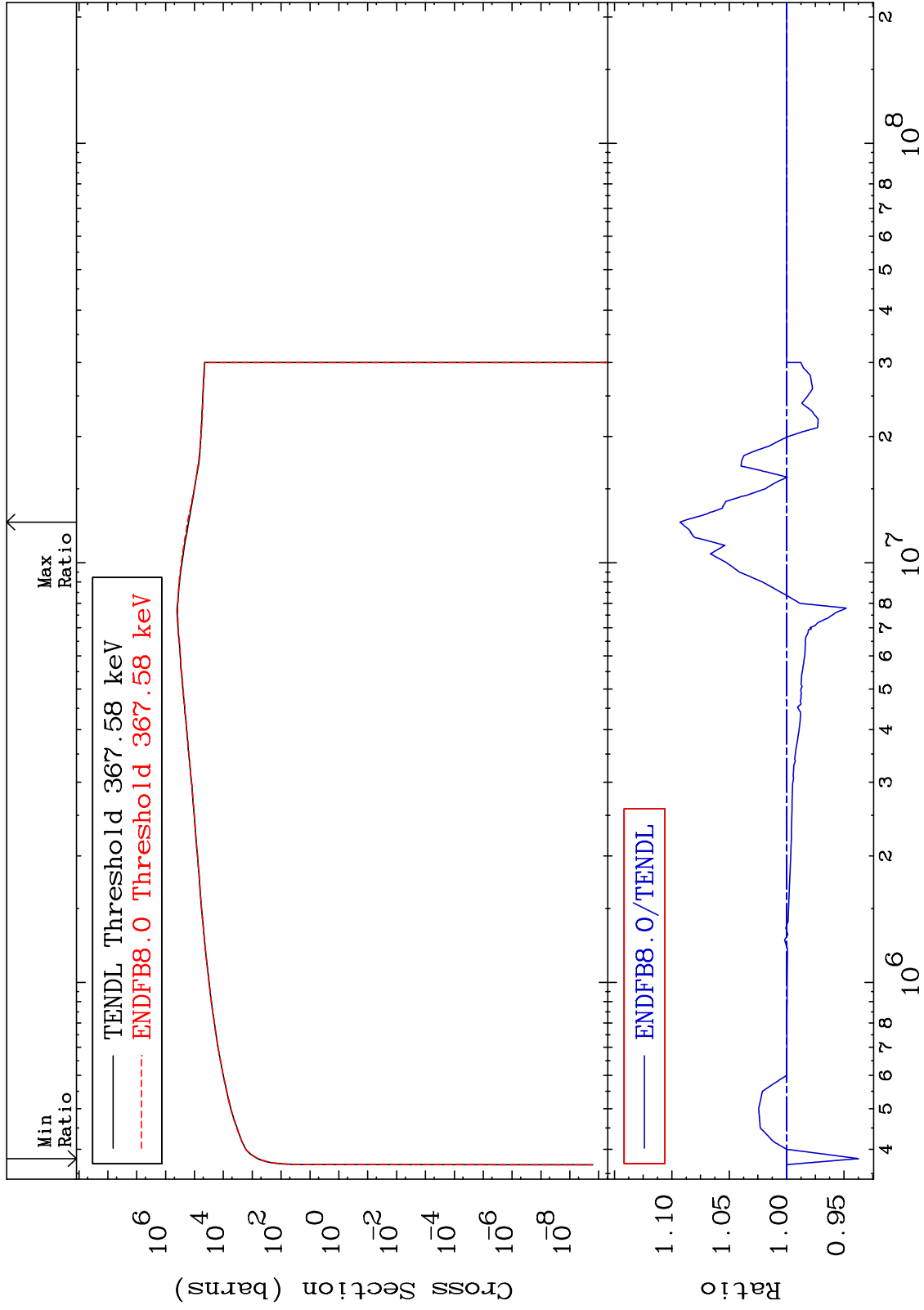
10-Ne-21
-98.19 To 9999. %



MAT 1028

Kerma inelastic (mt51-91)
Cross Section

10-Ne-21
-6.253 To 9.286 %



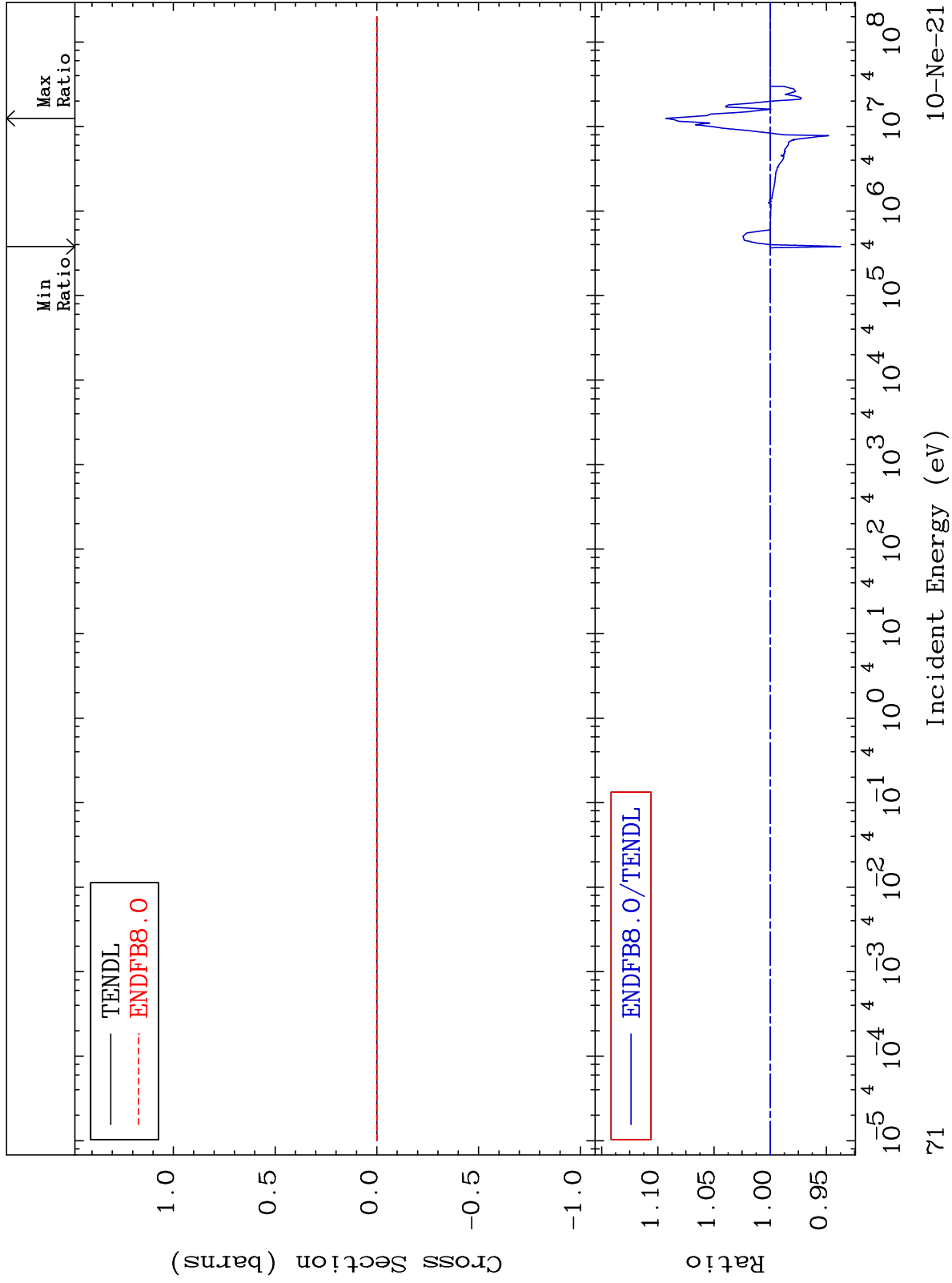
70

10-Ne-21

MAT 1028

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

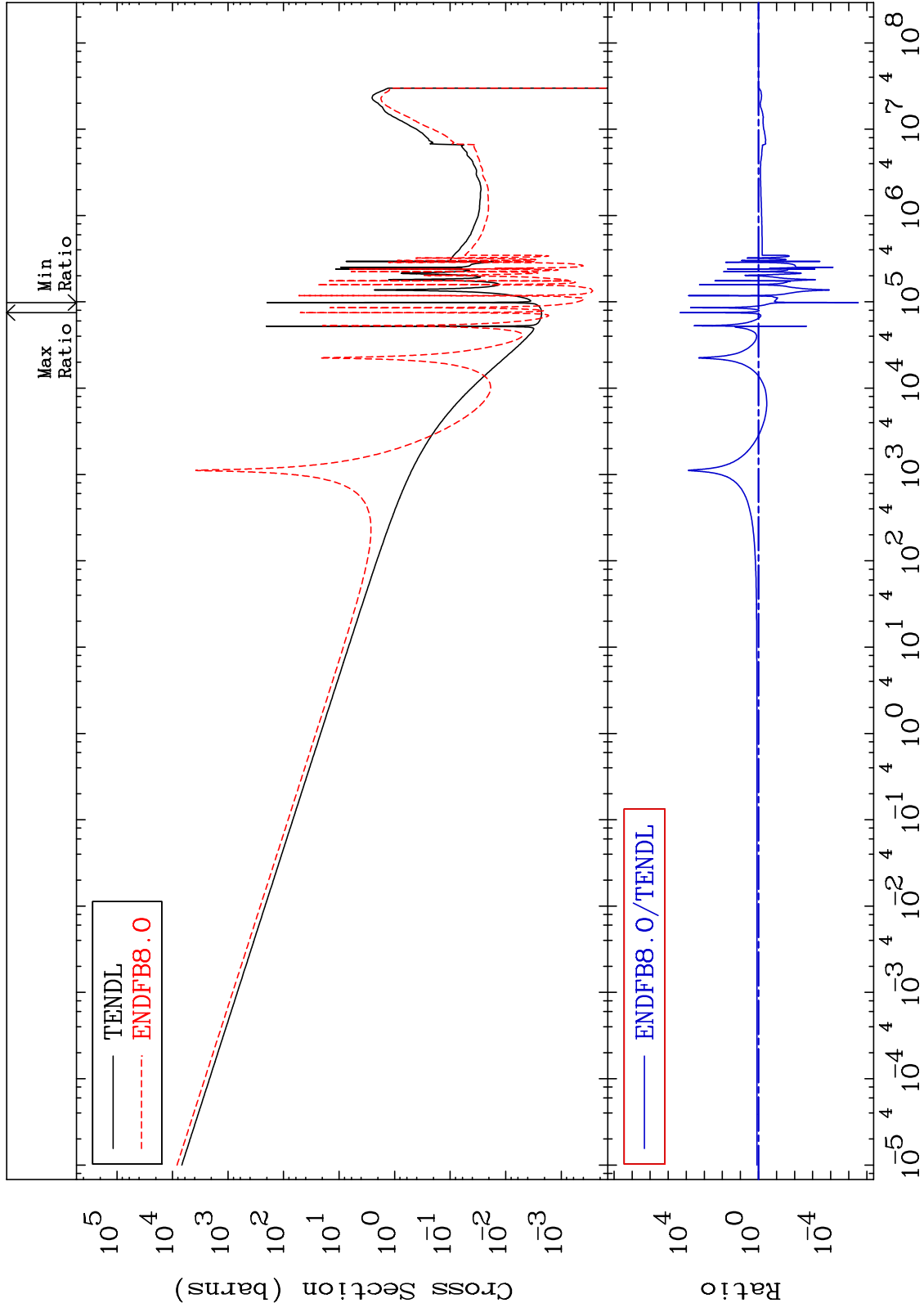
10-Ne-21
-6.253 To 9.286 %



MAT 1028

Kerma capture (mt102)
Cross Section

10-Ne-21
-100.0 To 9999. %



72

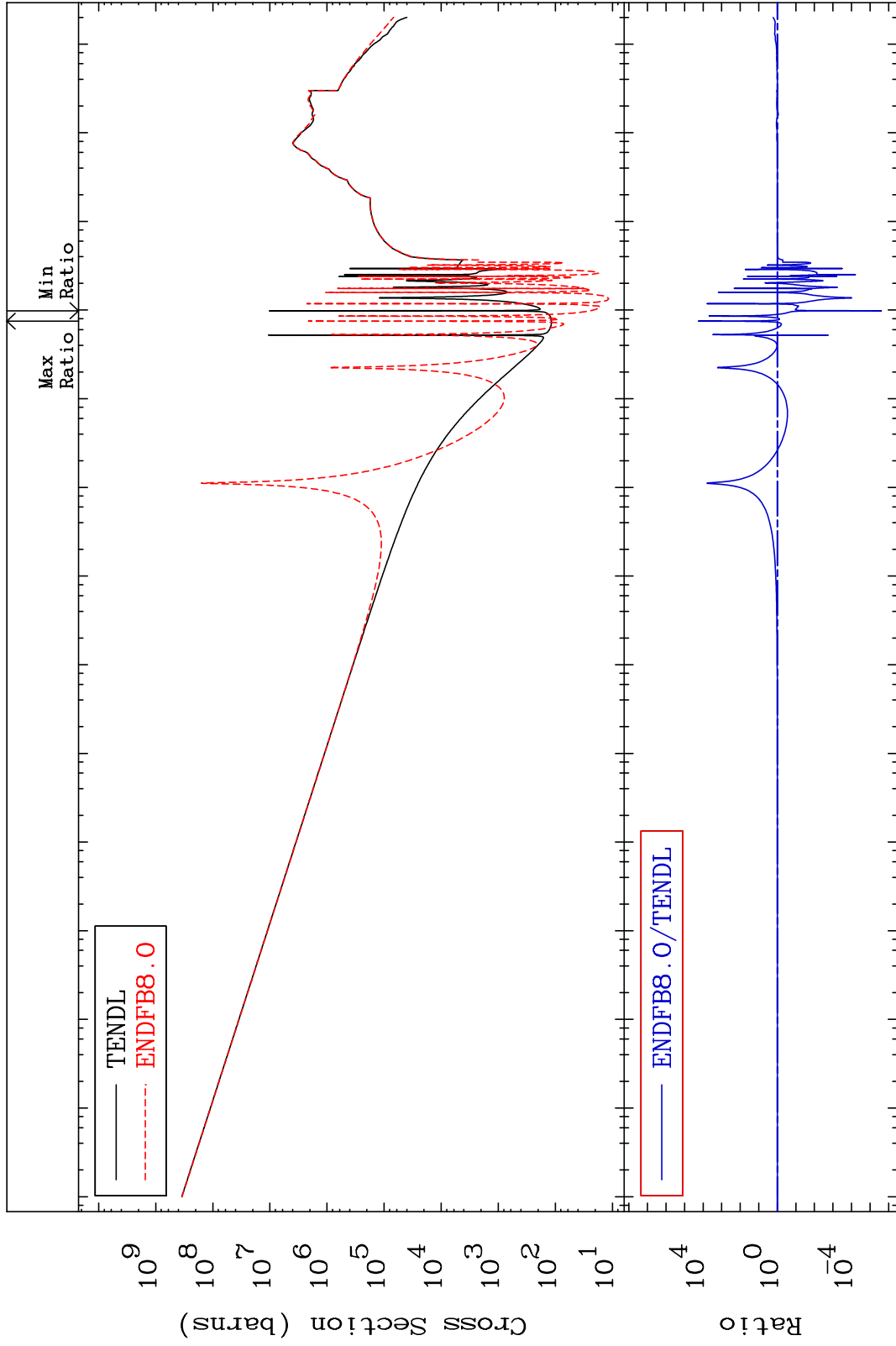
Incident Energy (eV)

10-Ne-21

MAT 1028

Total photon (eV-barns)
Cross Section

10-Ne-21
-100.0 To 9999. %



73

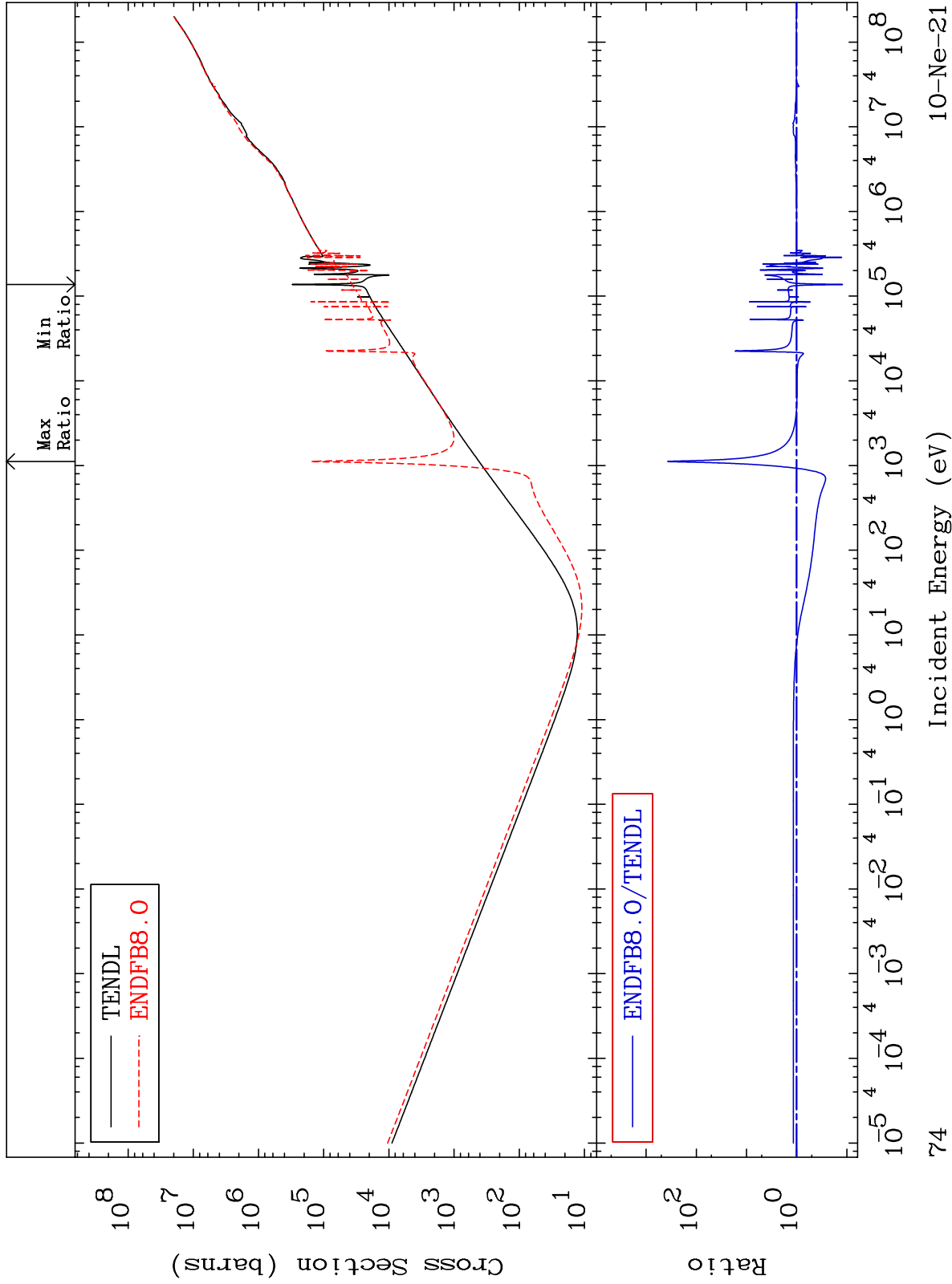
Incident Energy (eV)

10-Ne-21

MAT 1028

Total kinematic kerma (high limit)
Cross Section

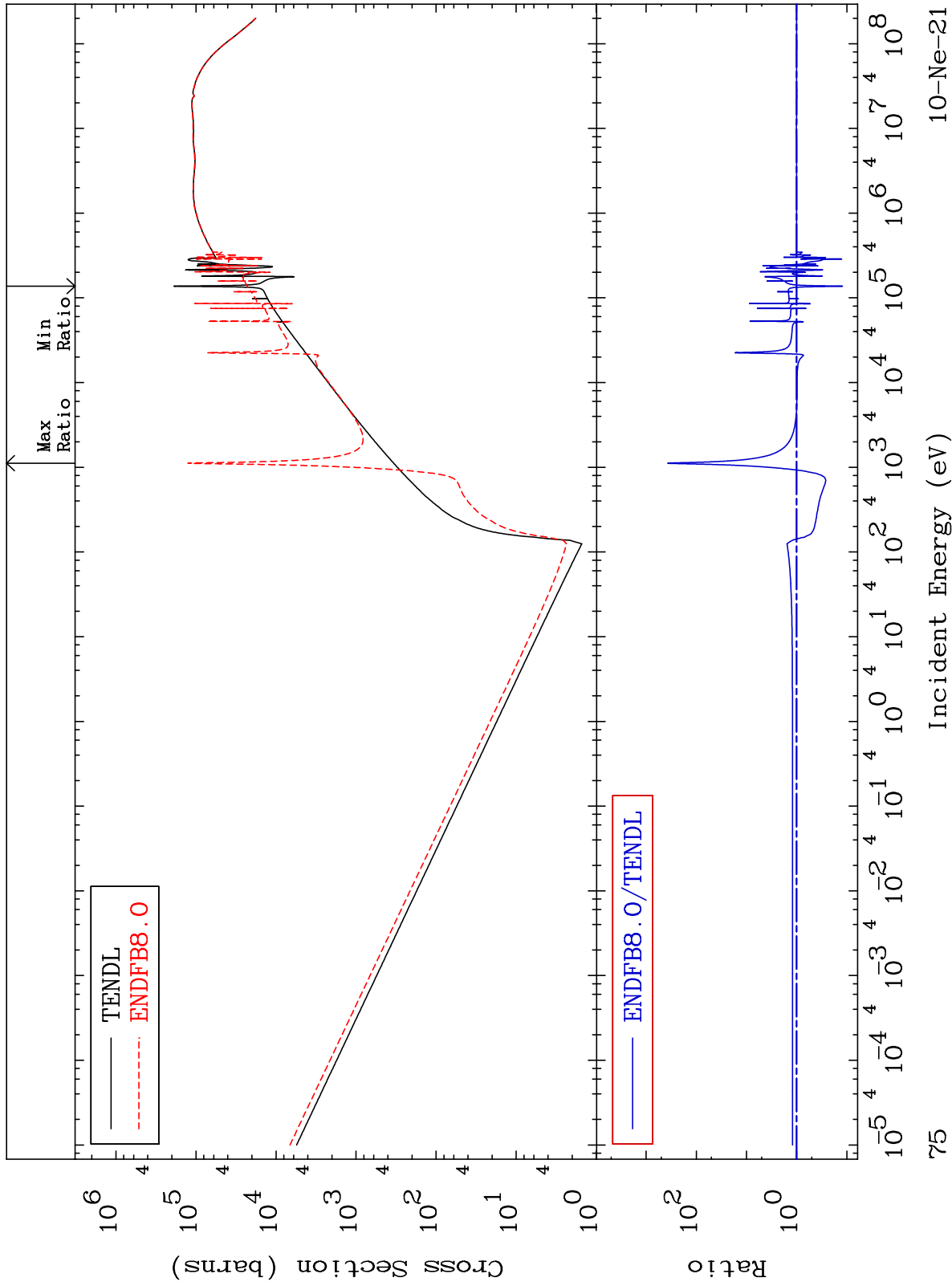
10-Ne-21
-87.89 To 9999. %



MAT 1028

Dpa total (eV-barns)
Cross Section

10-Ne-21
-87.90 To 9999. %



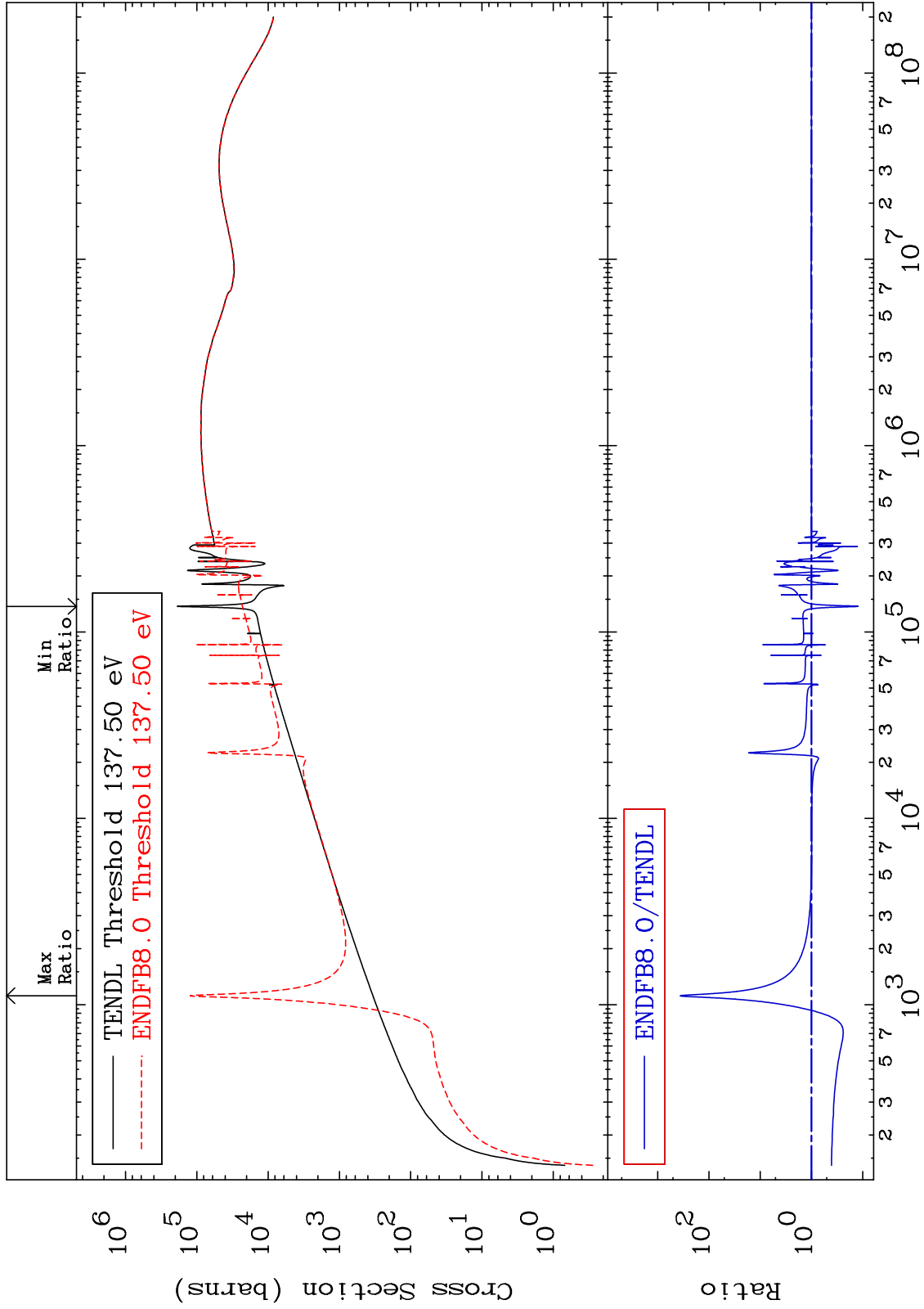
75

10-Ne-21

MAT 1028

Dpa elastic (mt2)
Cross Section

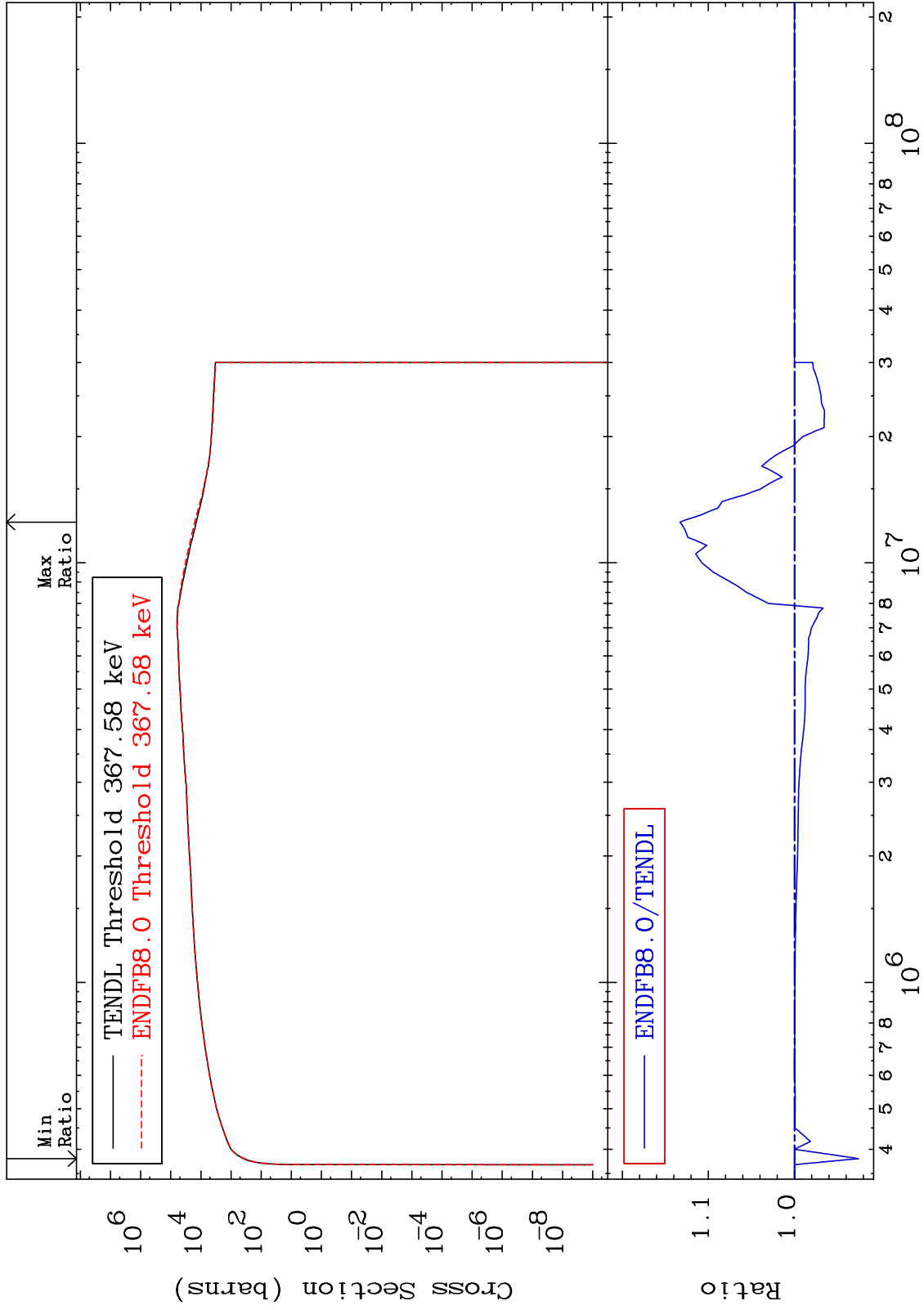
10-Ne-21
-87.90 To 9999. %



MAT 1028

Dpa inelastic (mt51-91)
Cross Section

10-Ne-21
-7.422 To 13.29 %



77

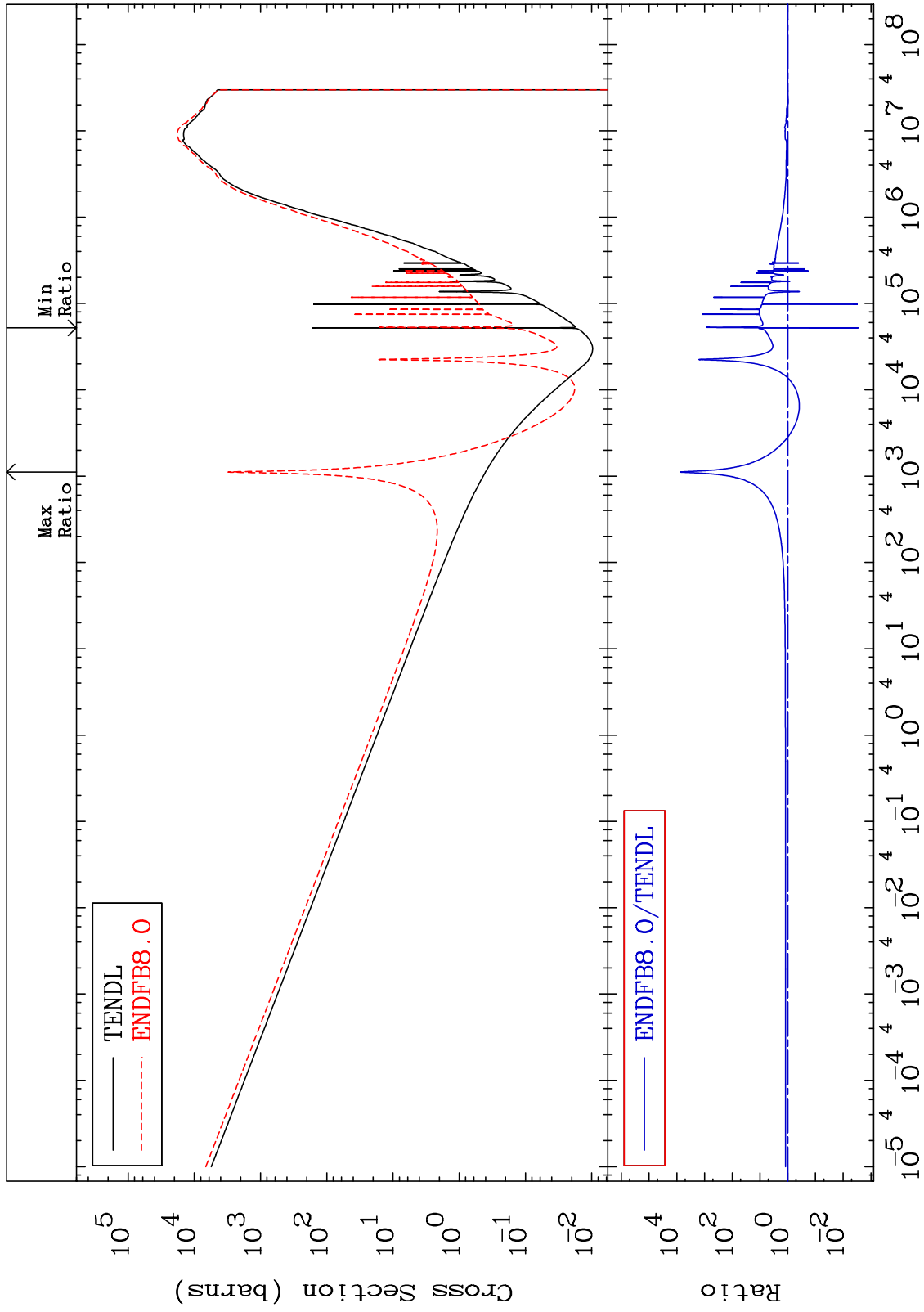
Incident Energy (eV)

10-Ne-21

MAT 1028

Dpa disappearance (mt102 -120)
Cross Section

10-Ne-21
-99.72 To 9999. %



78

Incident Energy (eV)

10-Ne-21