

Program Complot
(Version 2018-1)

by

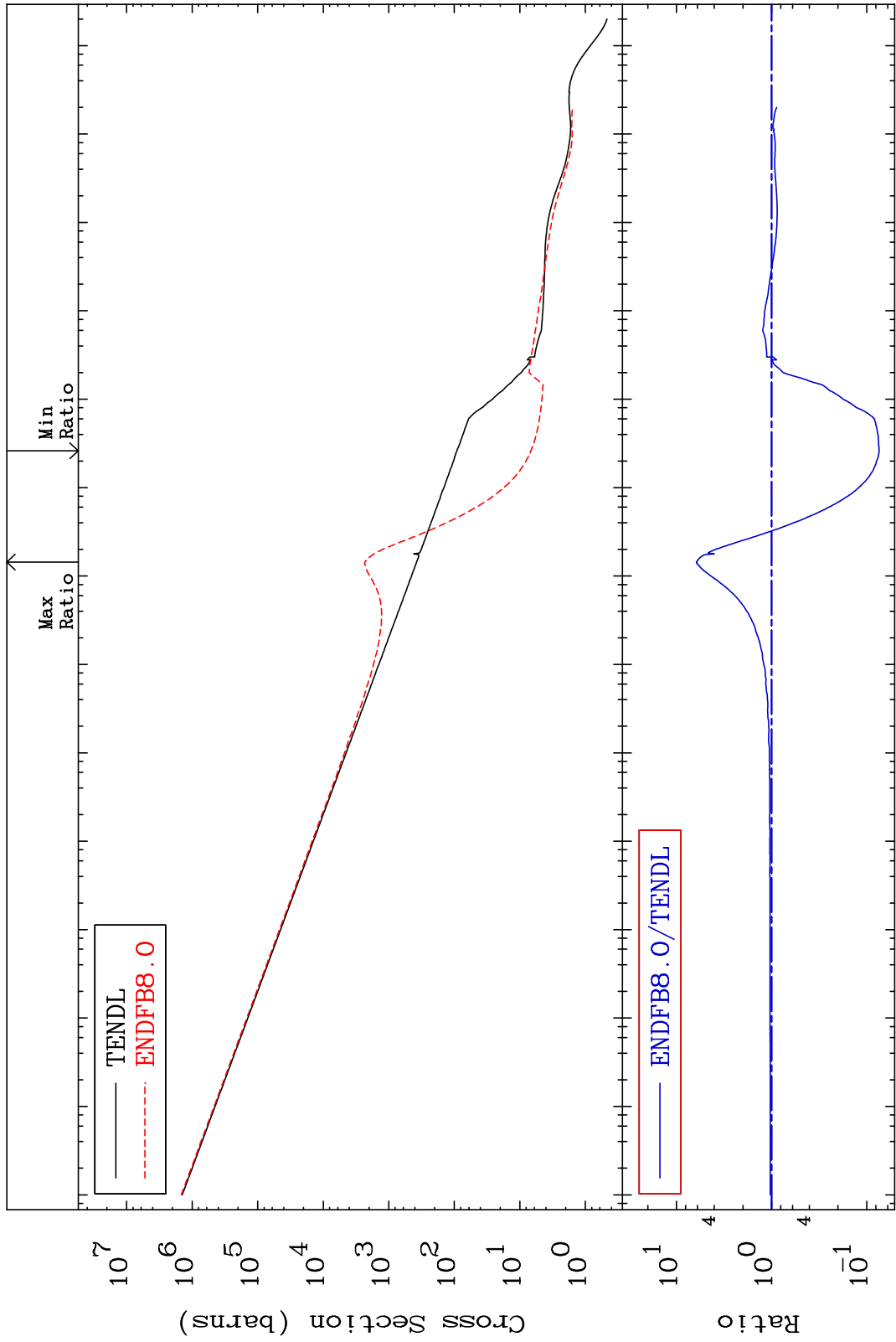
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Press Mouse Button to Start

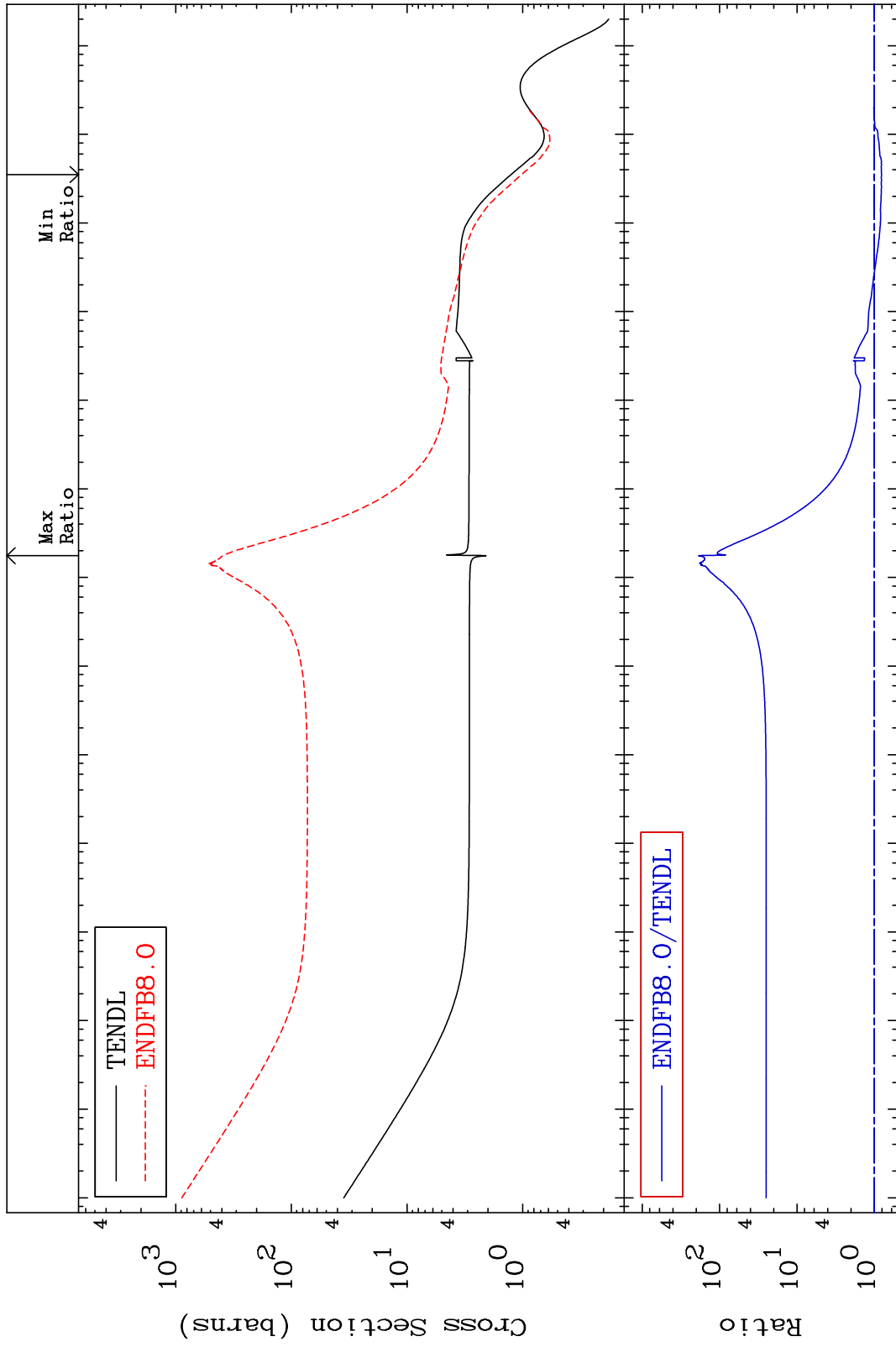
MAT 1122 11-Na-22 -92.60 To 517.0 % Total Cross Section



Incident Energy (eV) 11-Na-22

MAT 1122

Elastic Cross Section
11-Na-22
-19.20 To 9999. %



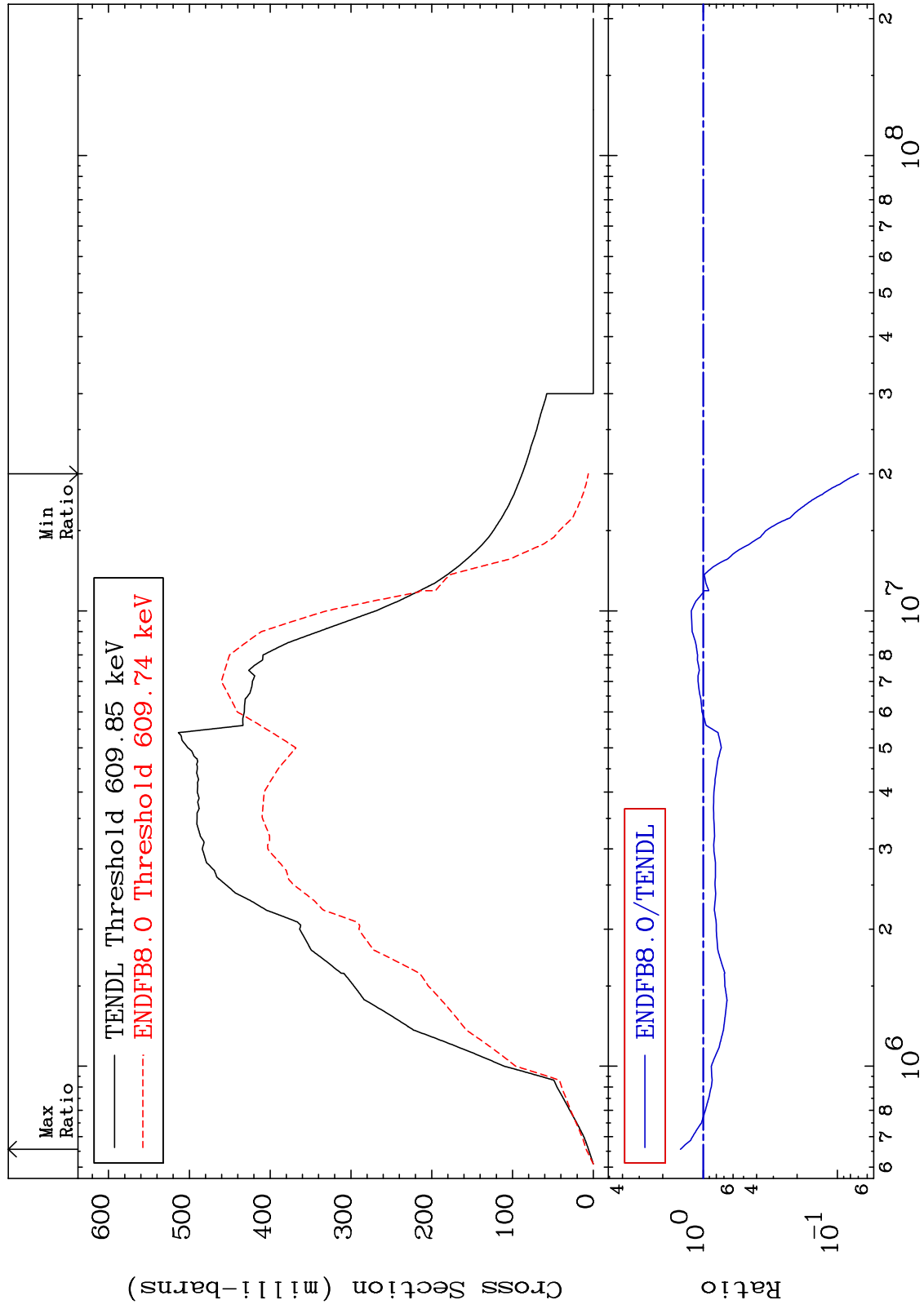
MAT 1122

Inelastic

11-Na-22

Cross Section

-93.04 To 47.71 %

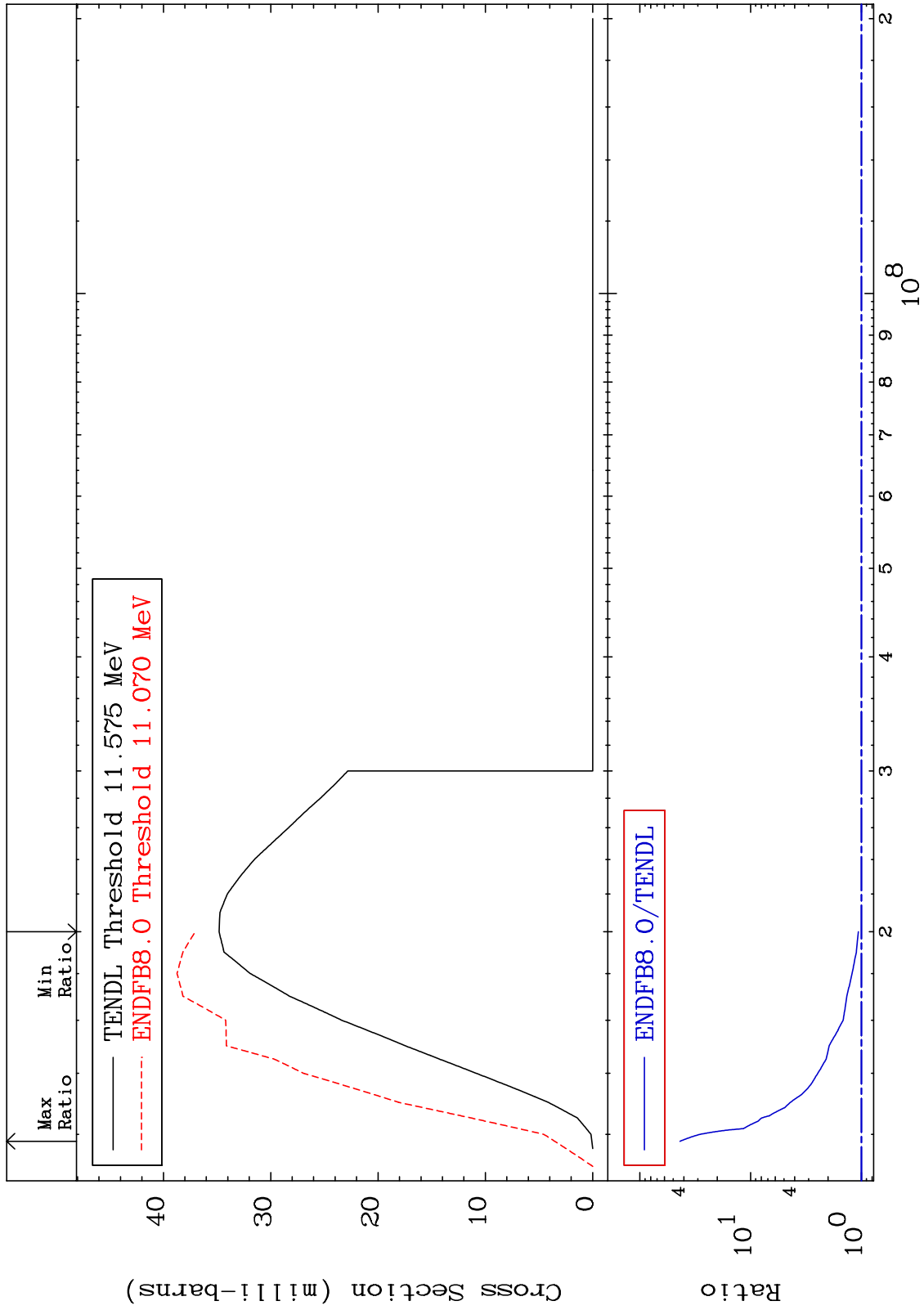


3

Incident Energy (eV)

11-Na-22

MAT 1122 (n,2n) Cross Section 11-Na-22 6.370 To 4243. %



4 Incident Energy (eV) 11-Na-22

MAT 1122

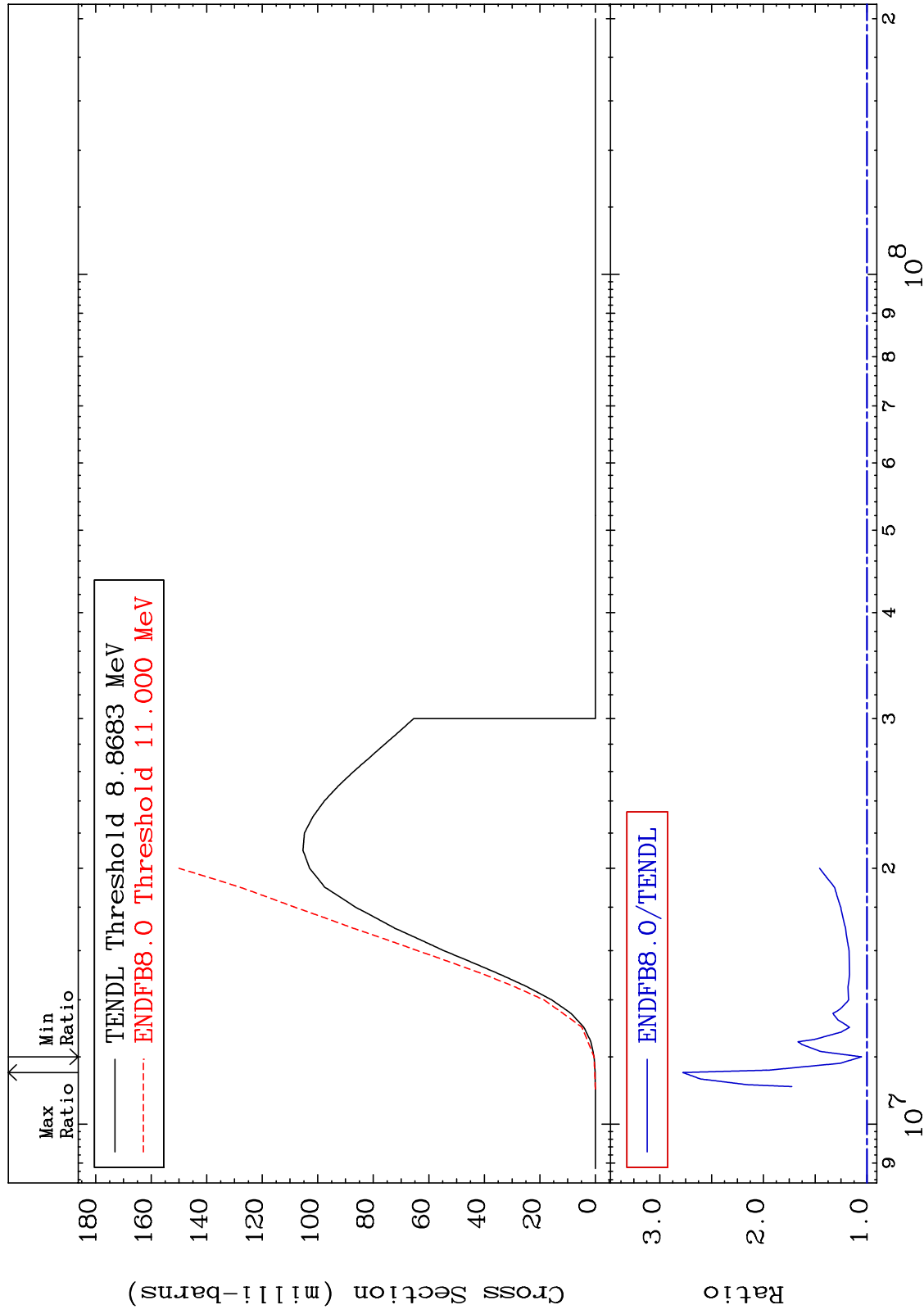
(n,n') α

11-Na-22

Cross Section

5.181

To 177.7 %



5

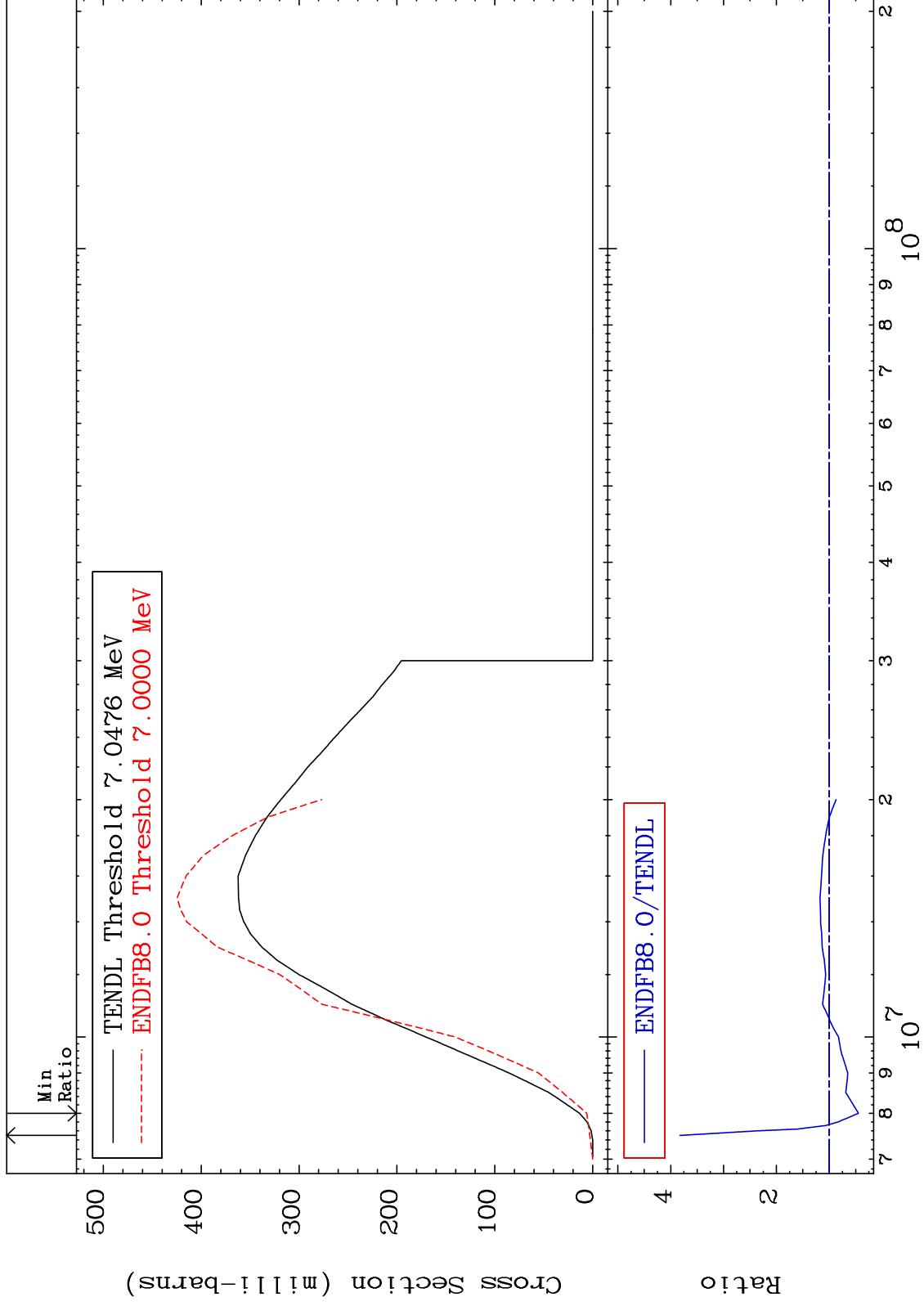
Incident Energy (eV)

11-Na-22

MAT 1122

(n,n') p
Cross Section

11-Na-22
-55.24 To 282.4 %

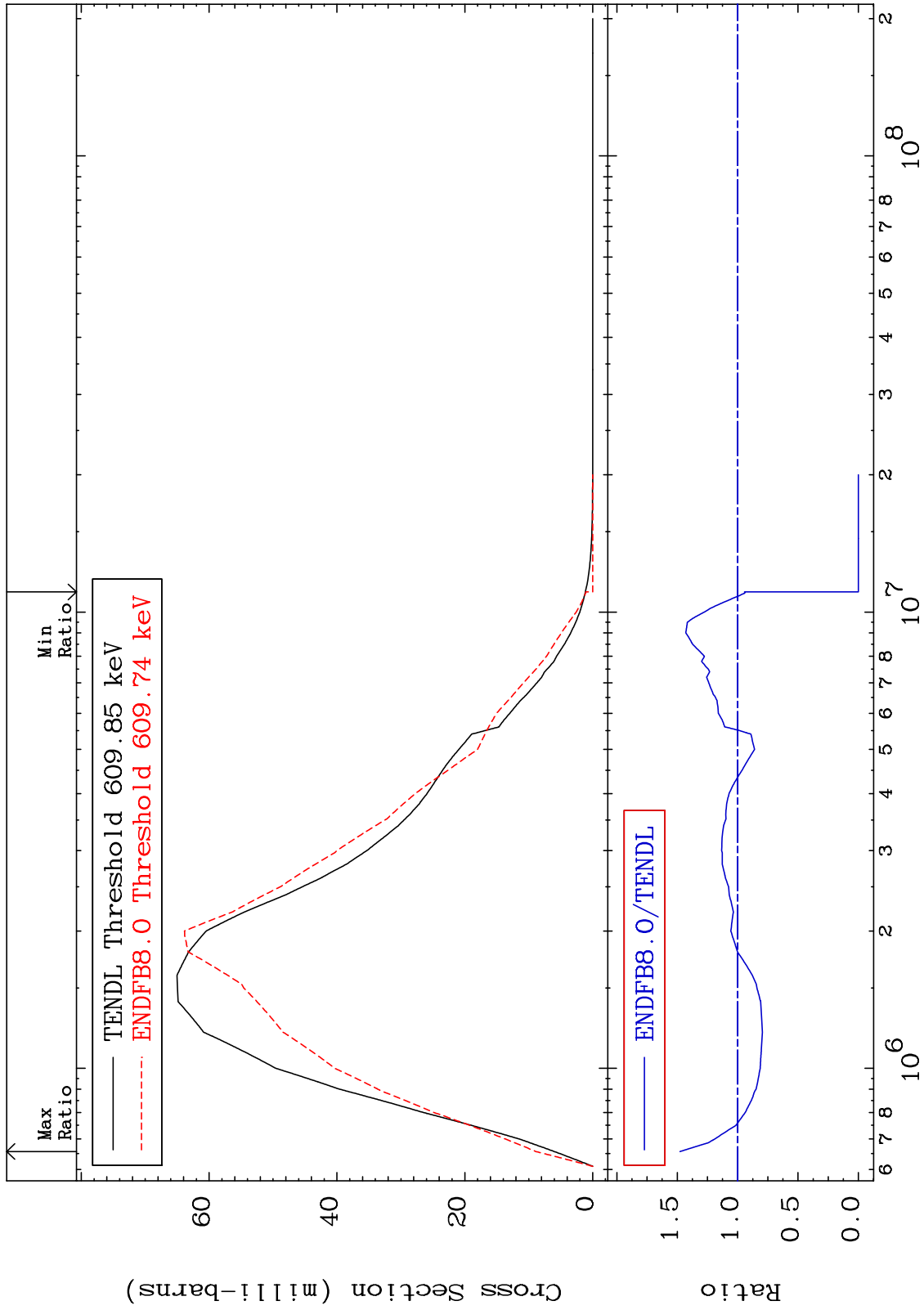


11-Na-22

Incident Energy (eV)

6

MAT 1122 MT= 51 (n,n') Level 11-Na-22
 Cross Section -100.0 To 47.71 %

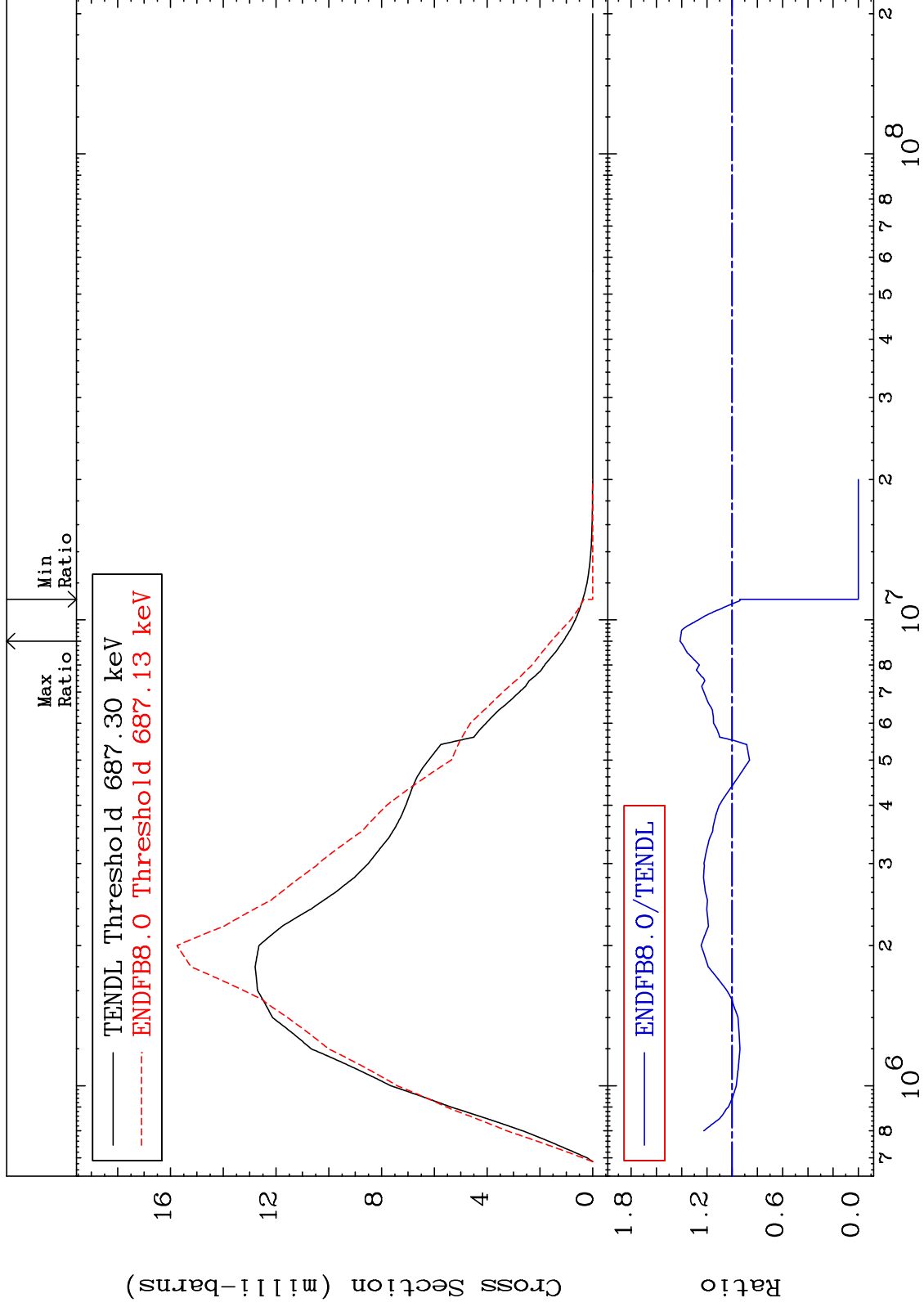


7 11-Na-22

MAT 1122

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

11-Na-22
-100.0 To 41.30 %

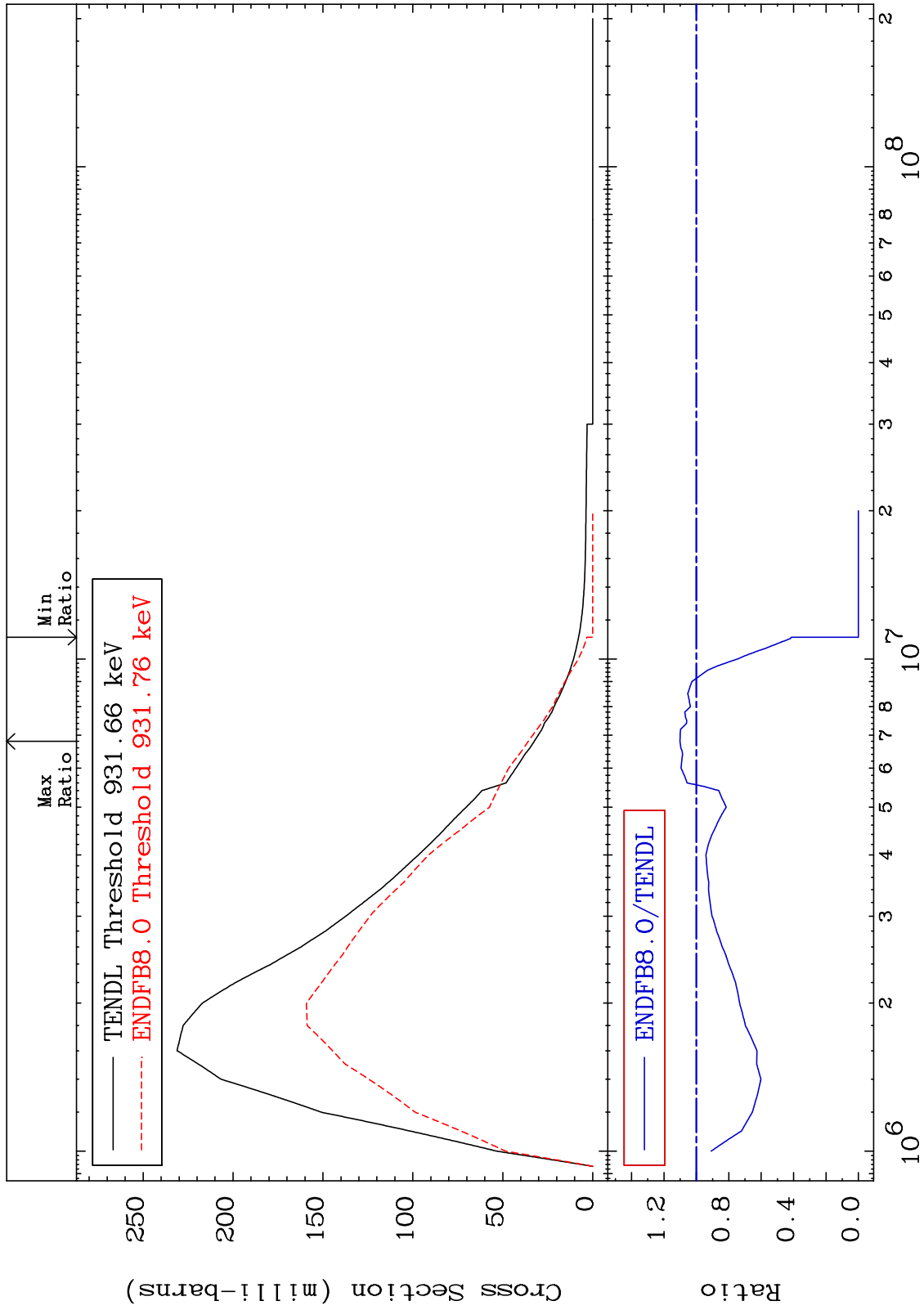


8

Incident Energy (eV)

11-Na-22

MAT 1122 MT= 53 (n, n') Level Cross Section -100.0 To 10.10 % 11-Na-22

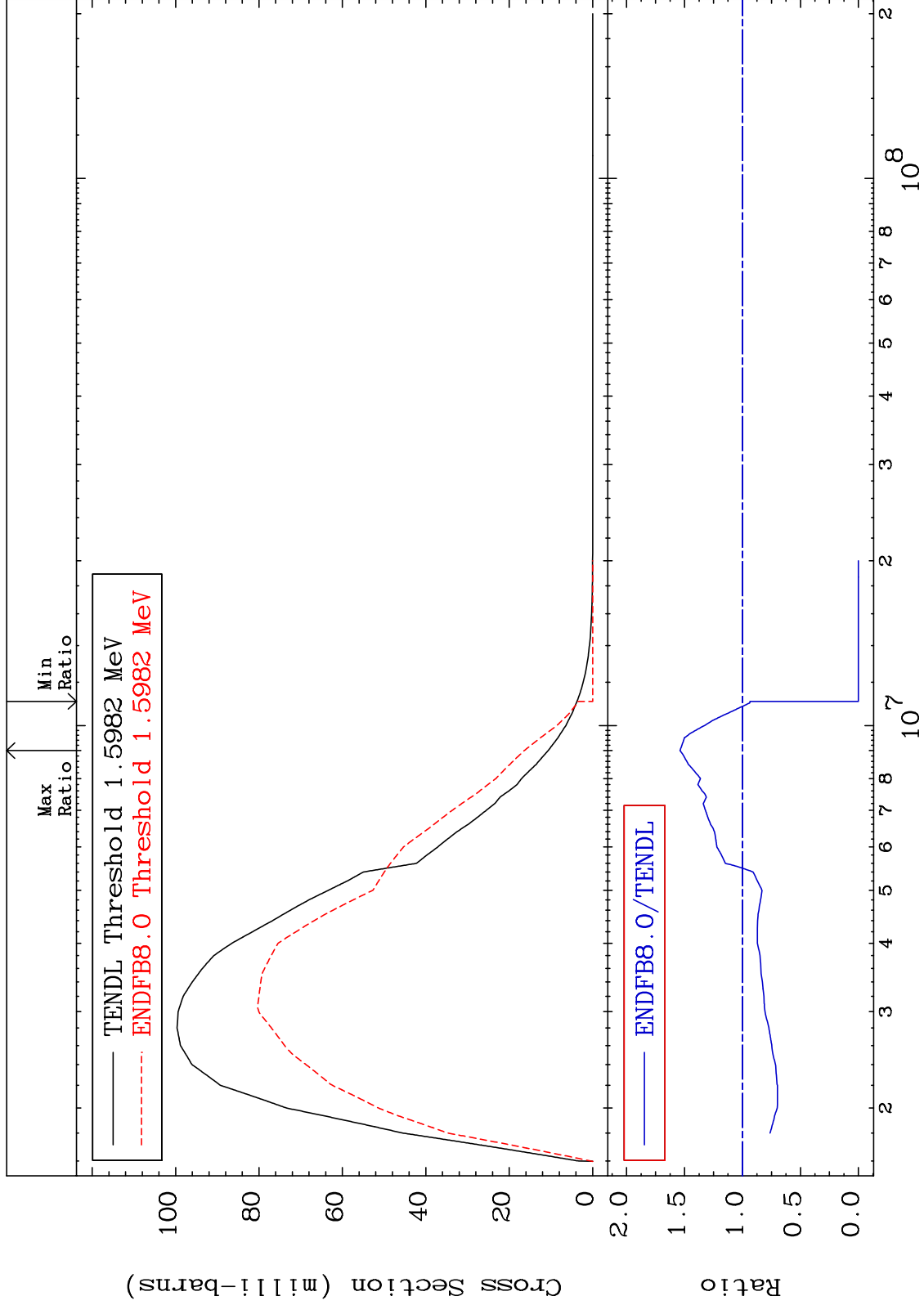


9 Incident Energy (eV) 11-Na-22

MAT 1122

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

11-Na-22
-100.0 To 53.91 %



10

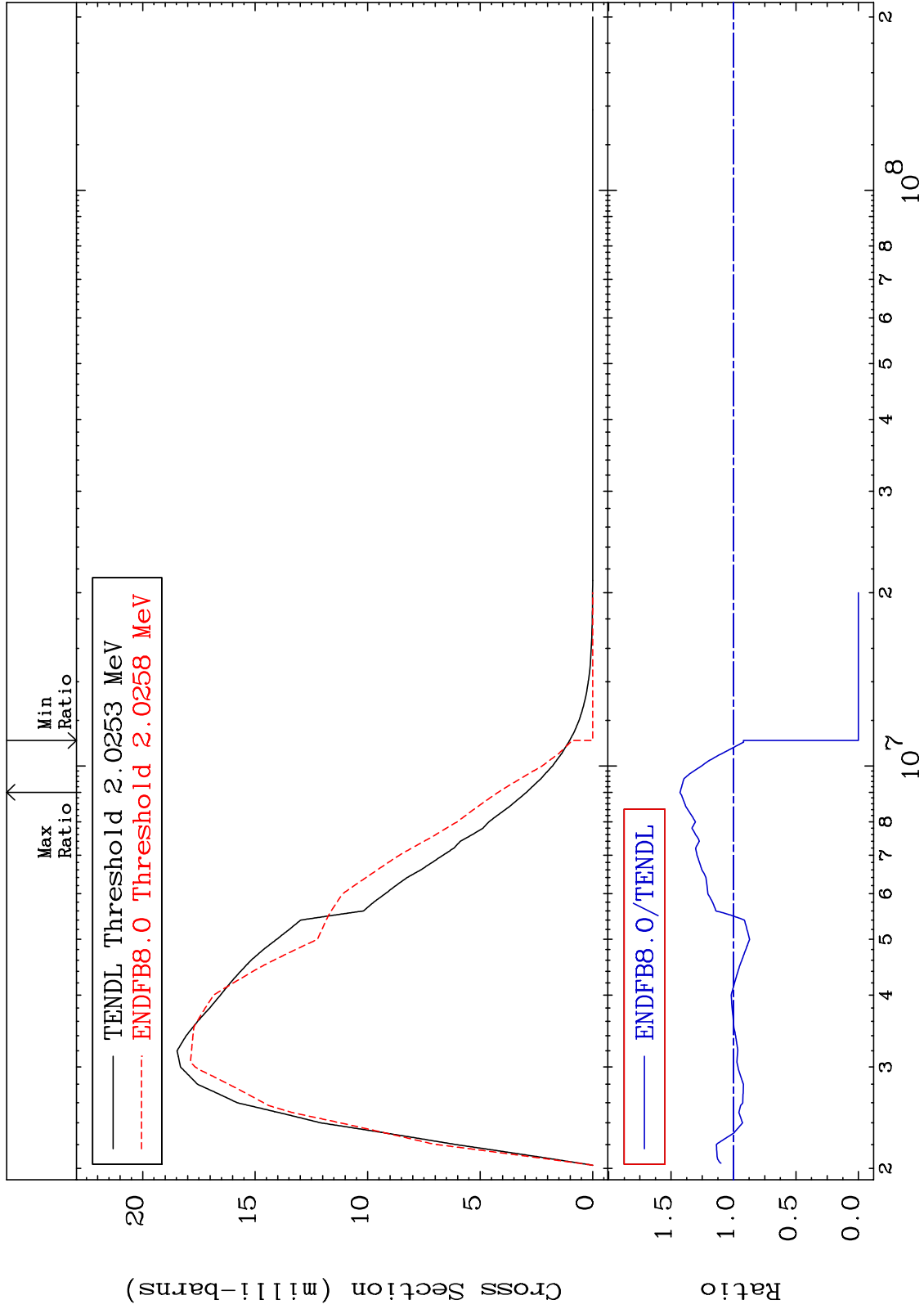
Incident Energy (eV)

11-Na-22

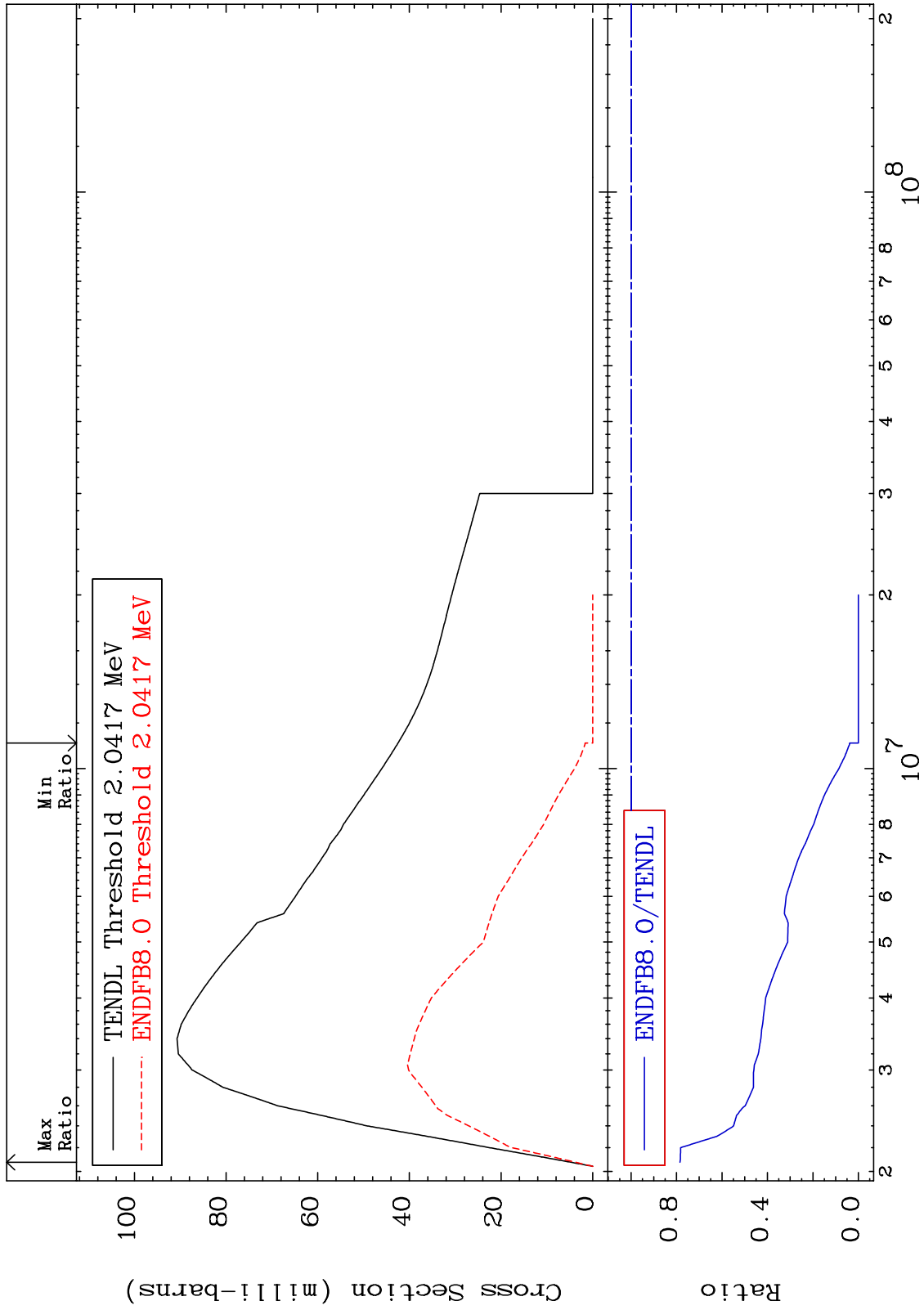
MAT 1122

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

11-Na-22
-100.0 To 42.83 %



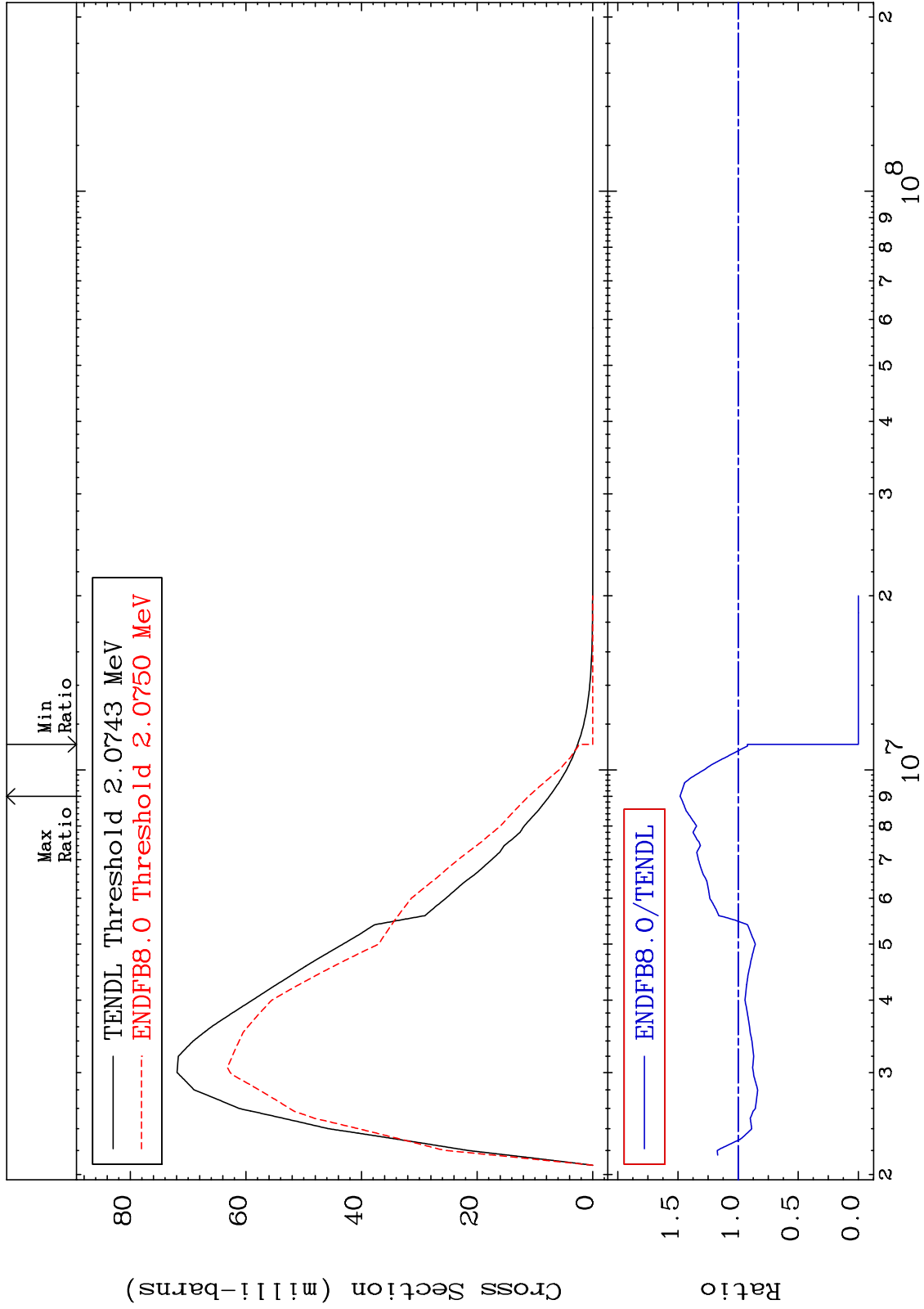
MAT 1122 MT= 56 (n,n') Level Cross Section 11-Na-22
 -100.0 To -21.55%



MAT 1122

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

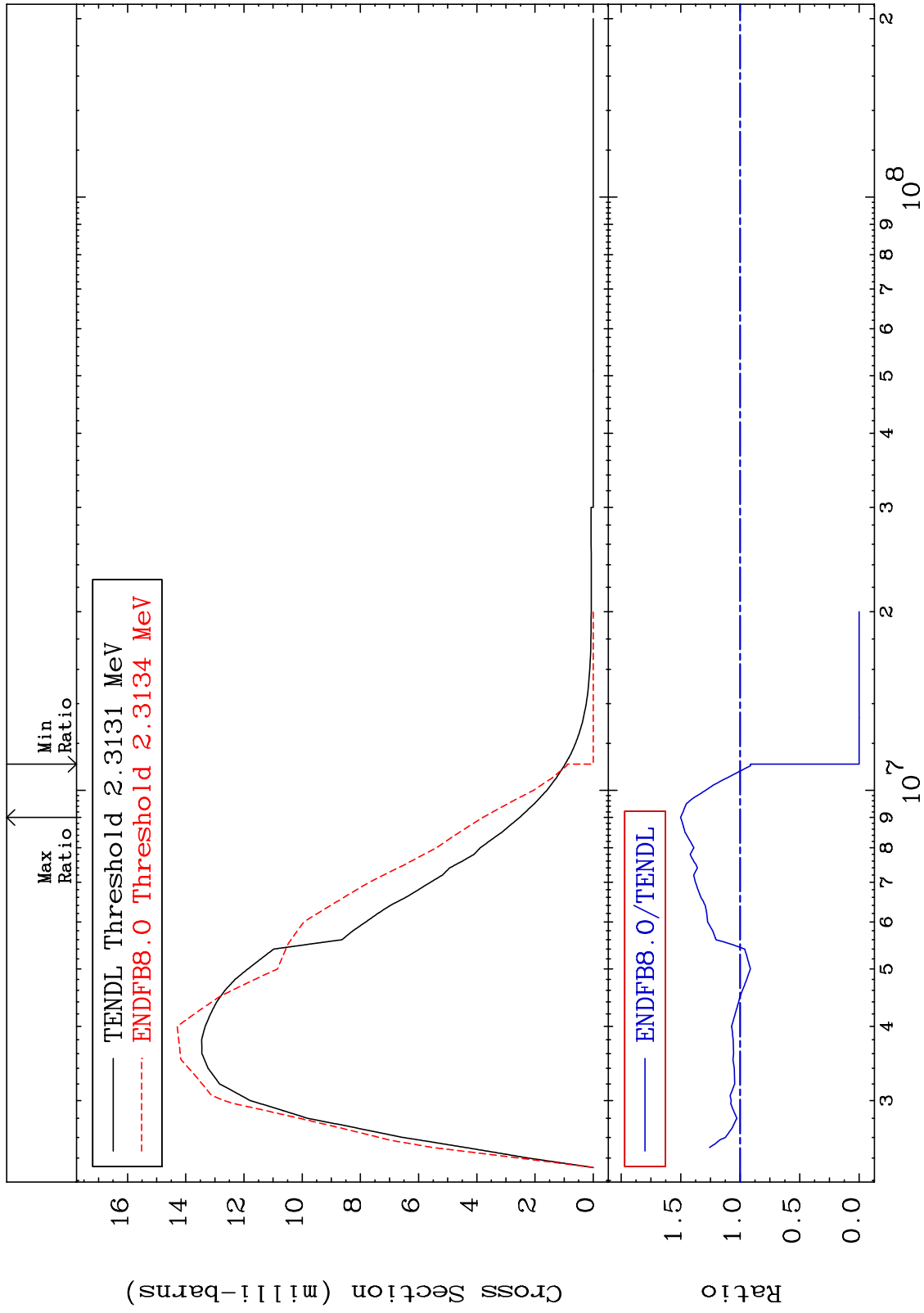
11-Na-22
-100.0 To 48.30 %



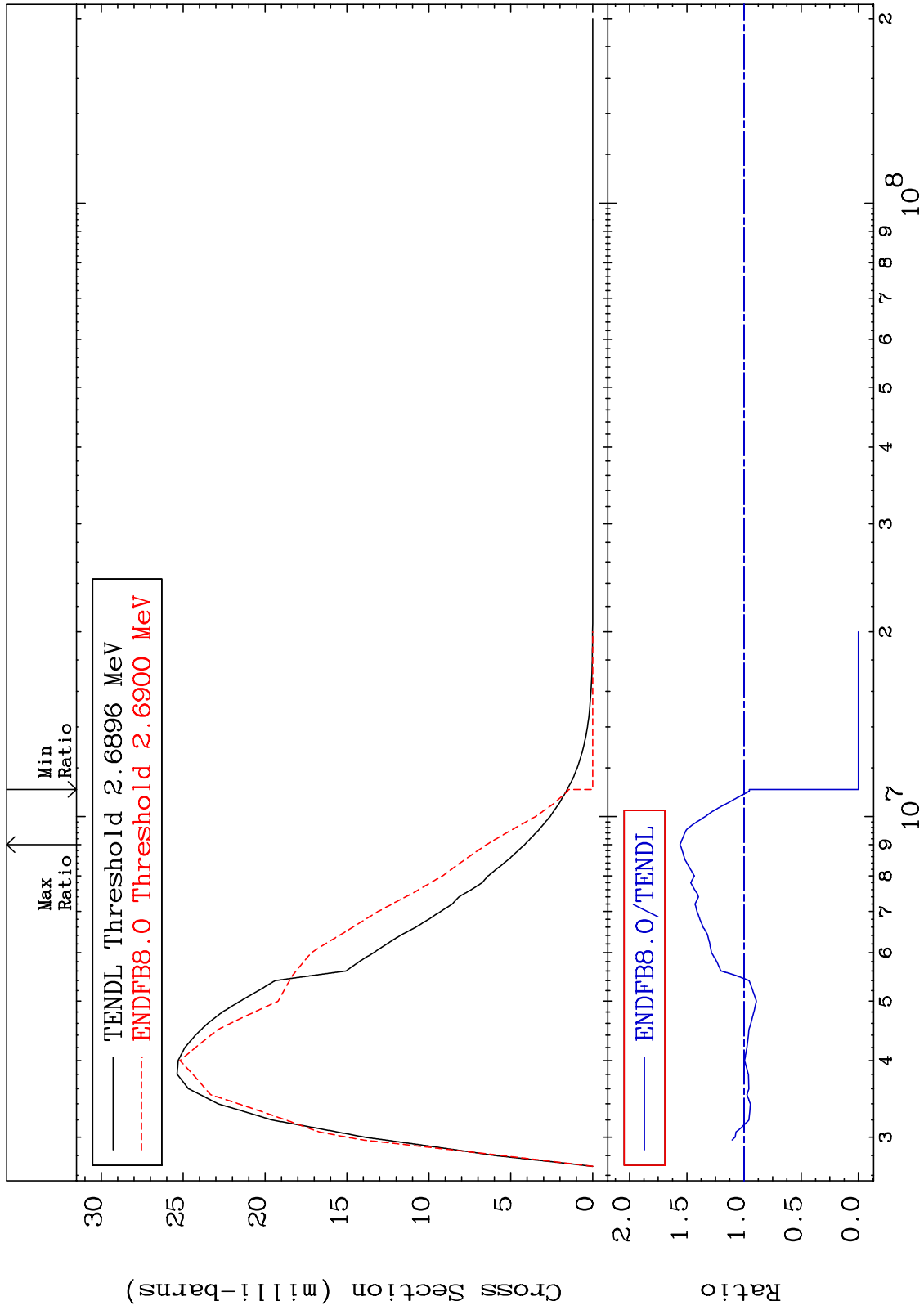
MAT 1122

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

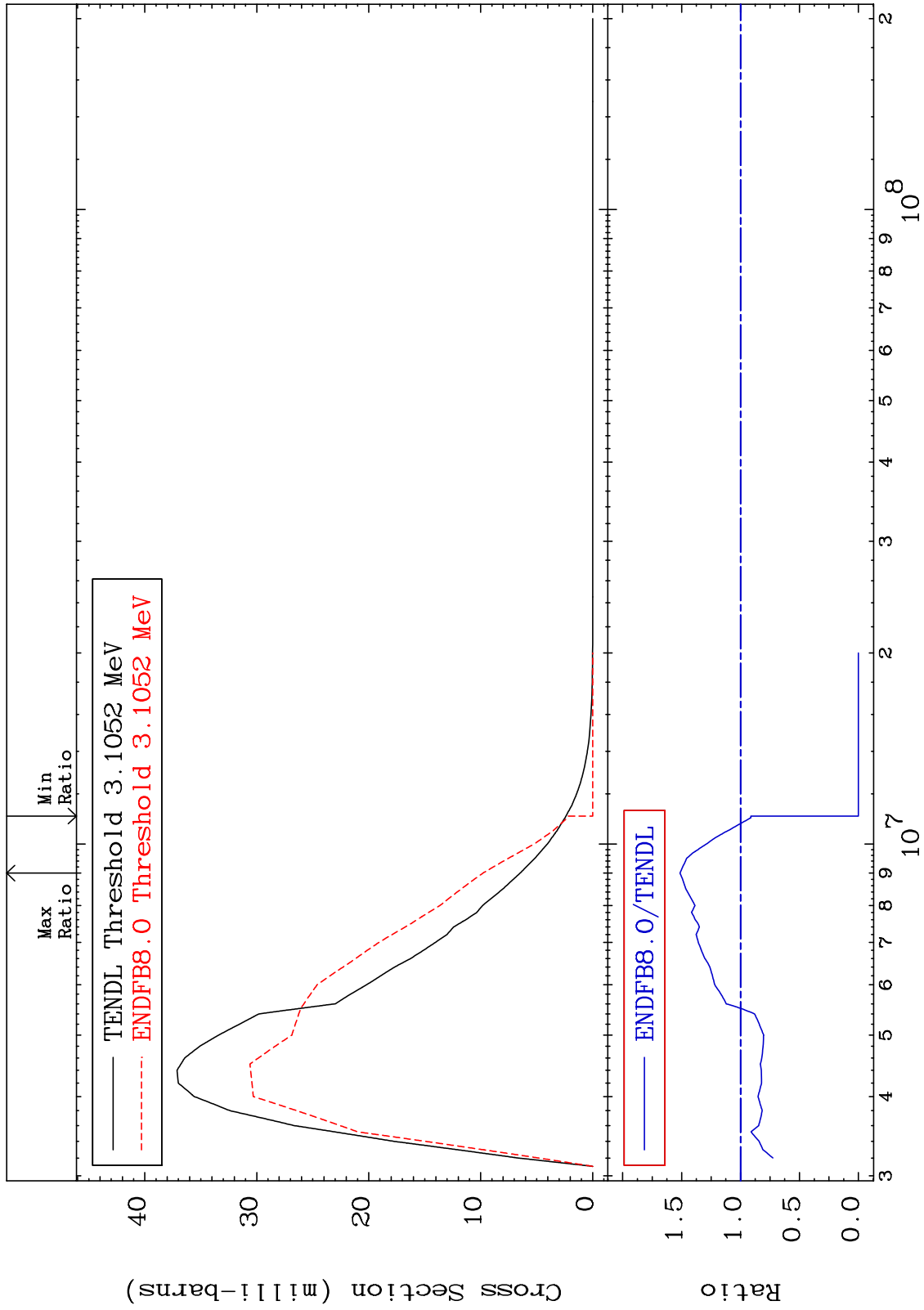
11-Na-22
-100.0 To 50.04 %



MAT 1122 MT= 59 (n, n') Level Cross Section 11-Na-22
 -100.0 To 55.97 %



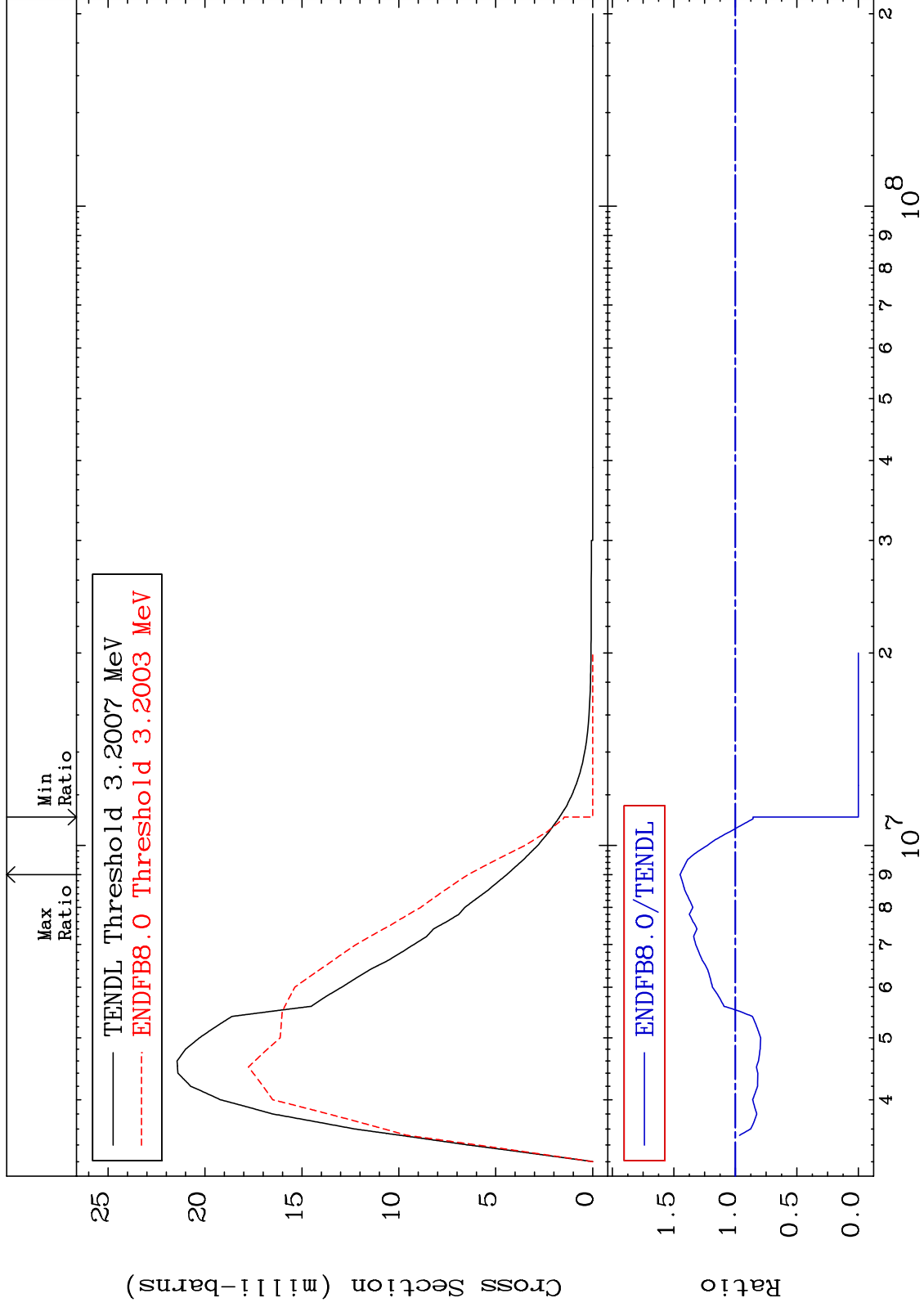
MAT 1122 MT= 60 (n,n') Level Cross Section 11-Na-22
 -100.0 To 51.35 %



MAT 1122

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

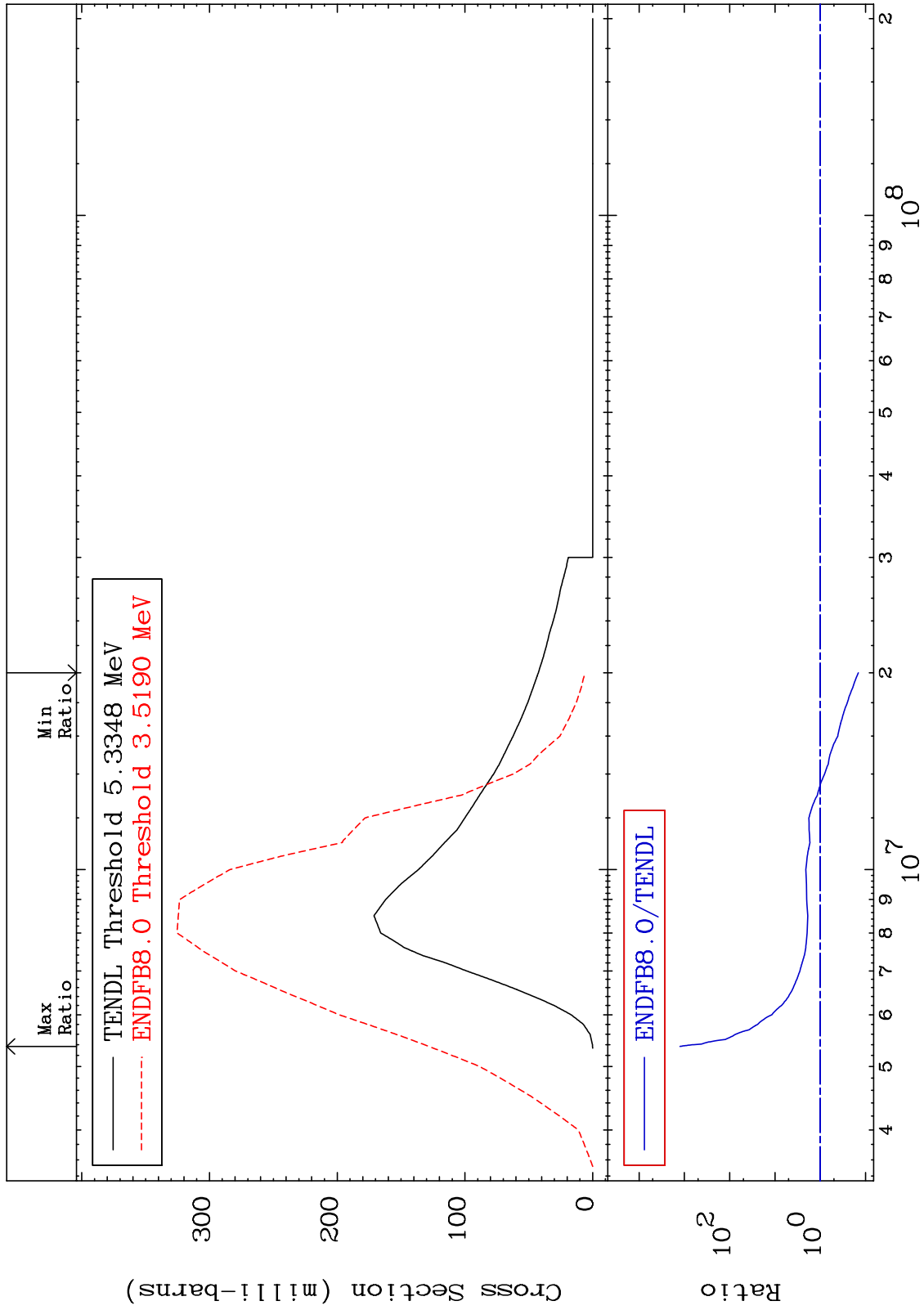
11-Na-22
-100.0 To 45.04 %



MAT 1122

(n, n') Continuum
Cross Section

11-Na-22
-85.60 To 9999. %



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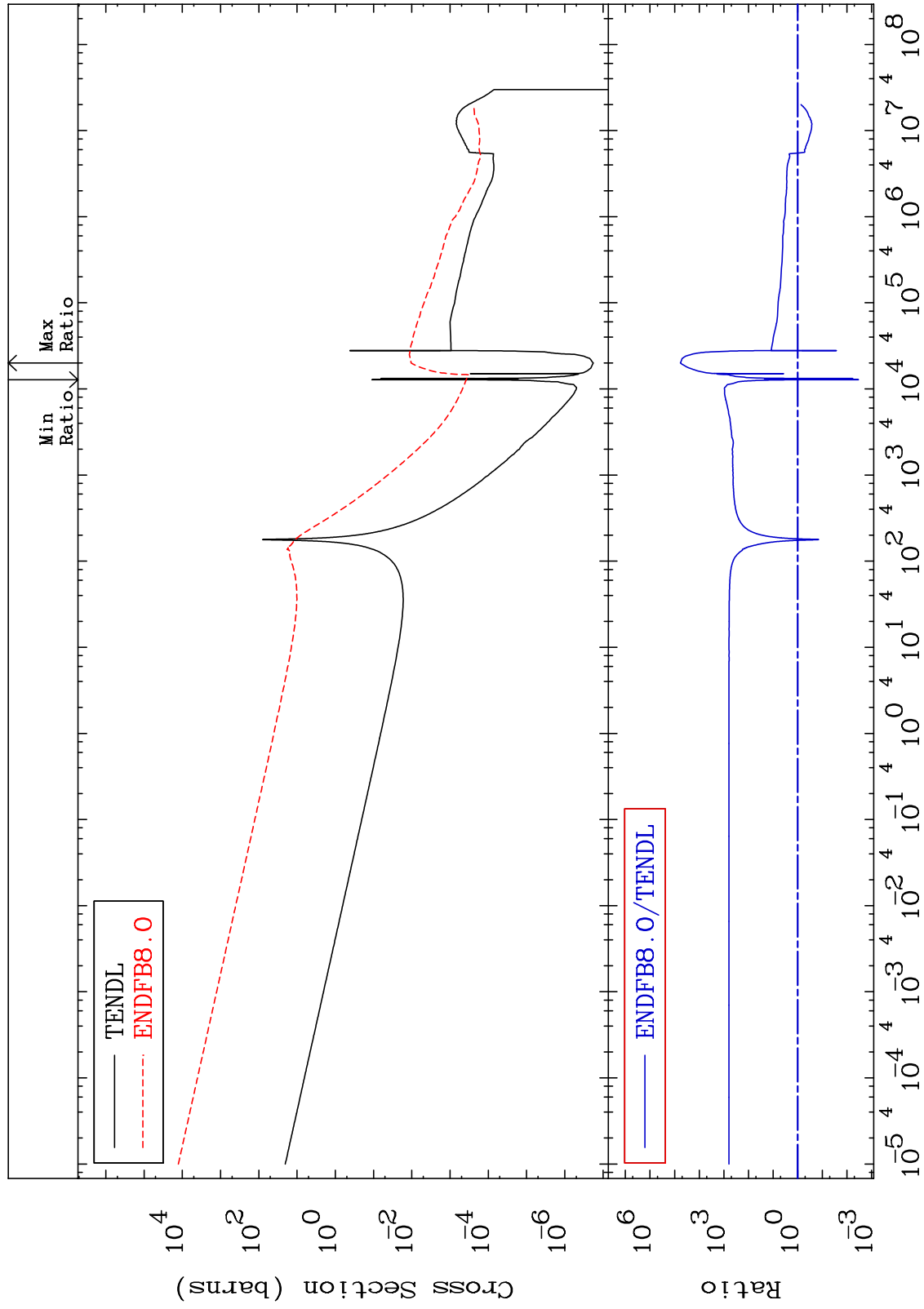
Incident Energy (eV)

11-Na-22

MAT 1122

(n, γ)
Cross Section

11-Na-22
-99.66 To 9999. %



MAT 1122

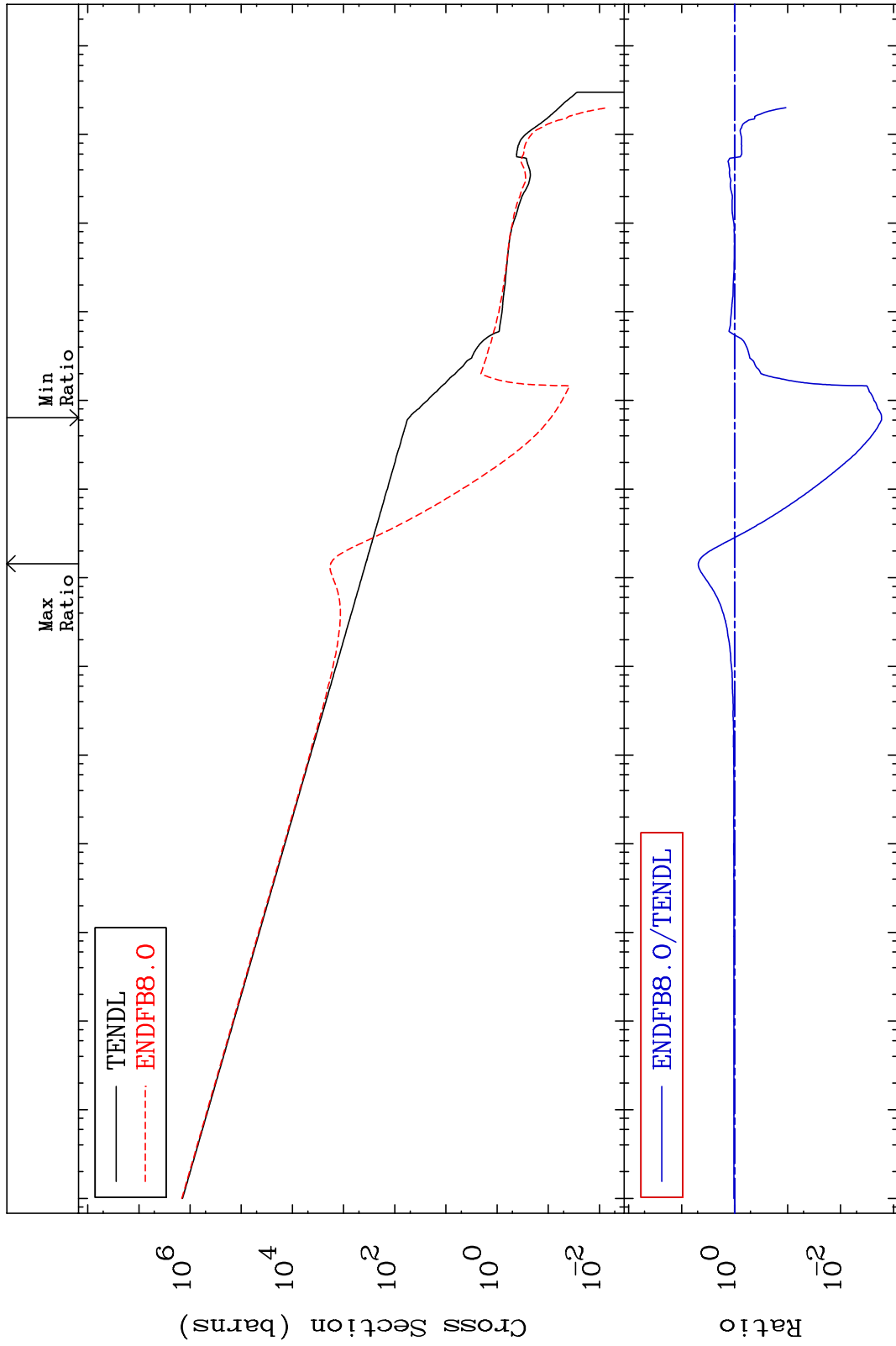
(n, p)

11-Na-22

Cross Section

Cross Section

-99.83 To 383.6 %

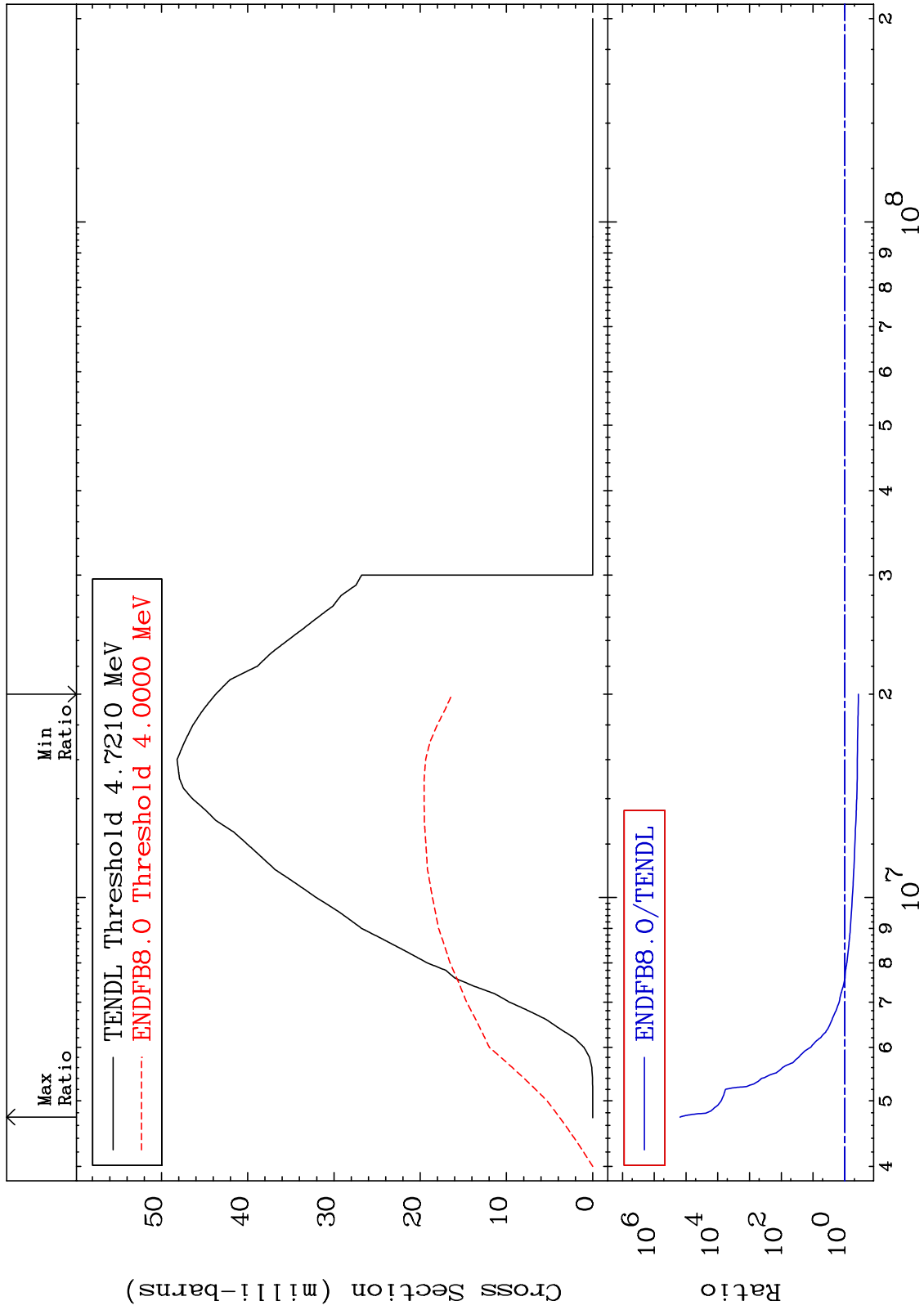


Incident Energy (eV)

11-Na-22

20

MAT 1122 (n,d) Cross Section 11-Na-22 -62.70 To 9999. %



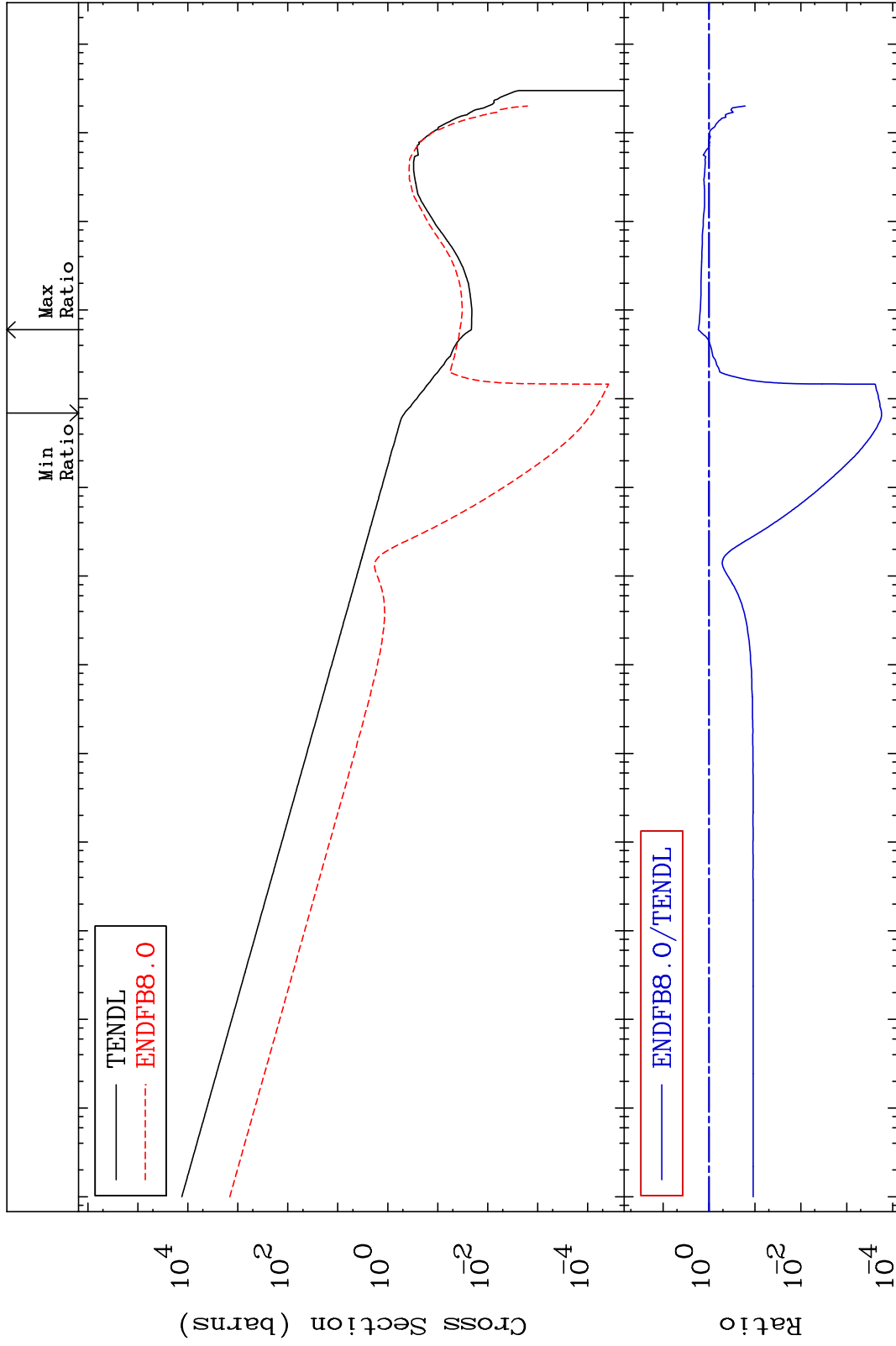
MAT 1122

(n, α)

11-Na-22

Cross Section

-99.98 To 70.54 %

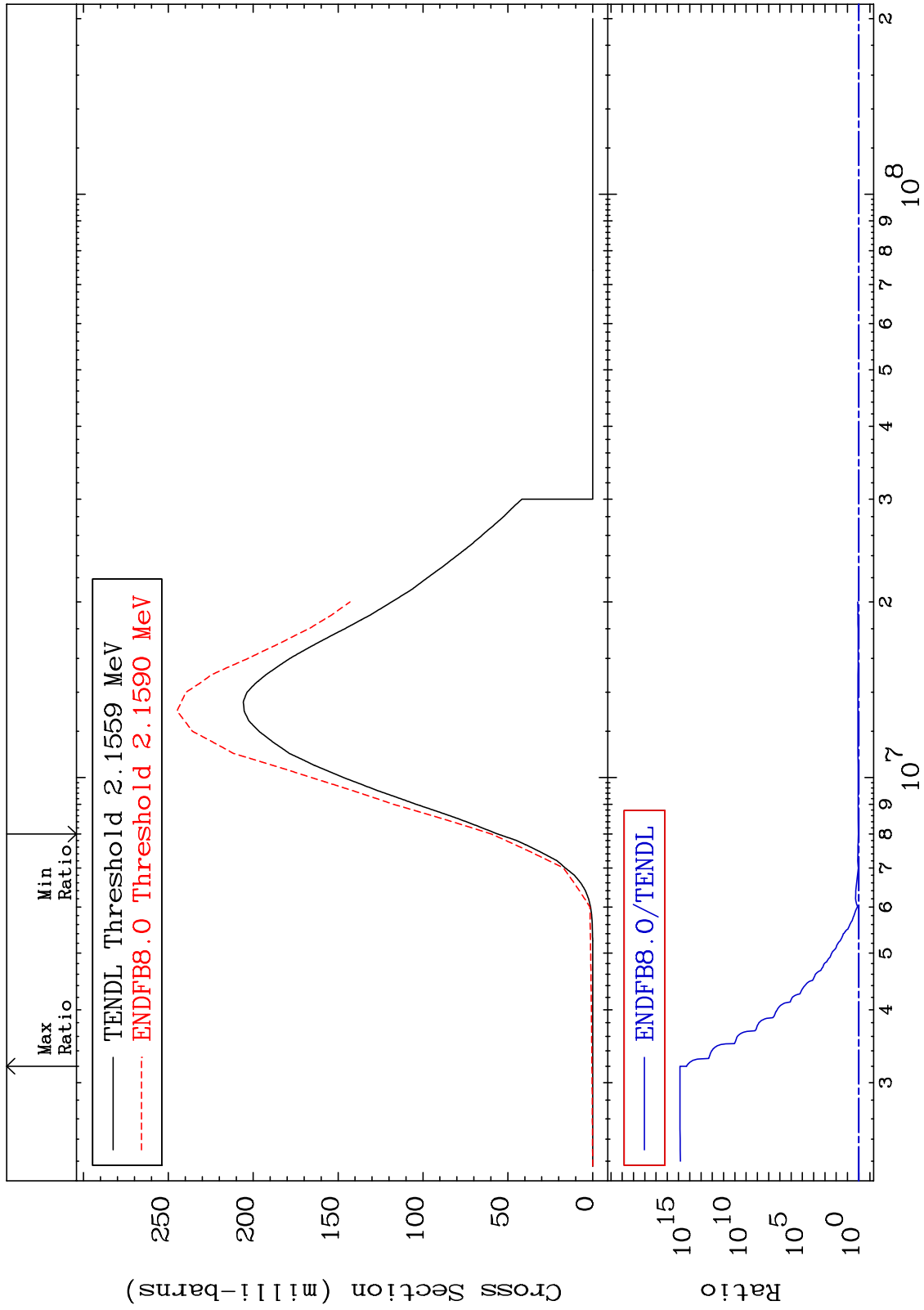


22

Incident Energy (eV)

11-Na-22

MAT 1122 (n,2α) Cross Section 11-Na-22 To 9999. % 6.801

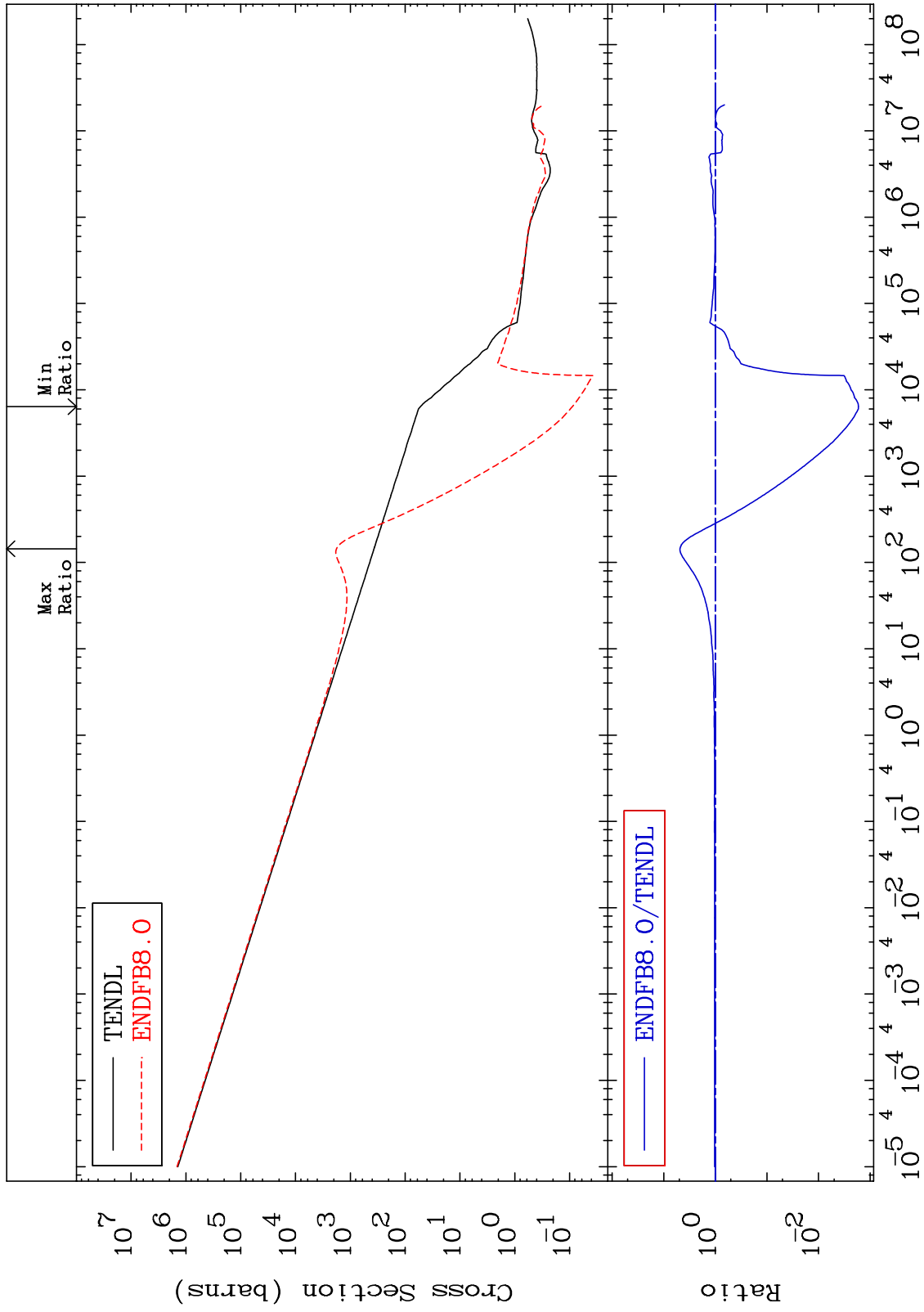


23 11-Na-22 Incident Energy (eV)

MAT 1122

Hydrogen Production
Cross Section

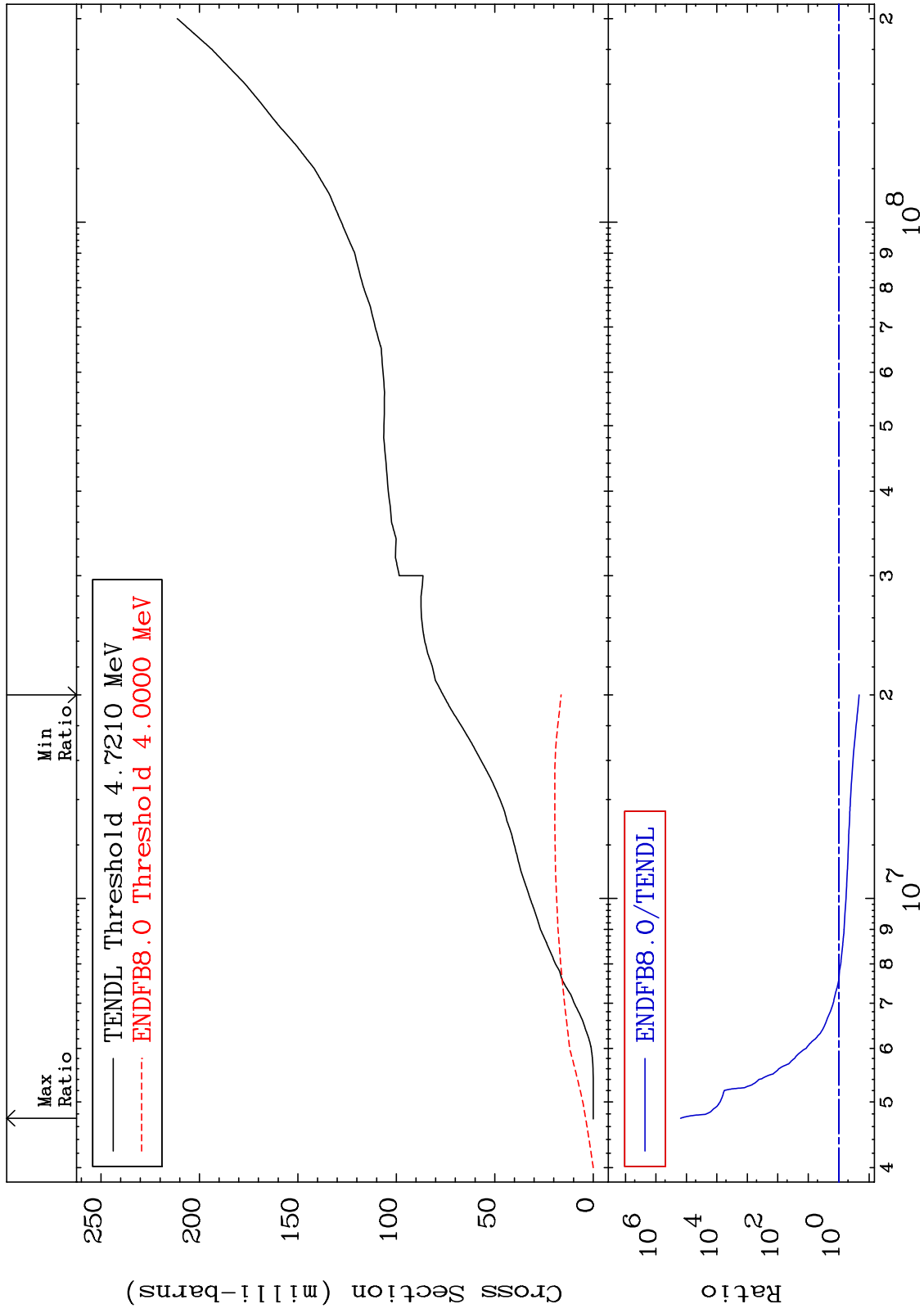
11-Na-22
-99.83 To 383.6 %



MAT 1122

Deuterium Production
Cross Section

11-Na-22
-78.63 To 9999. %



25

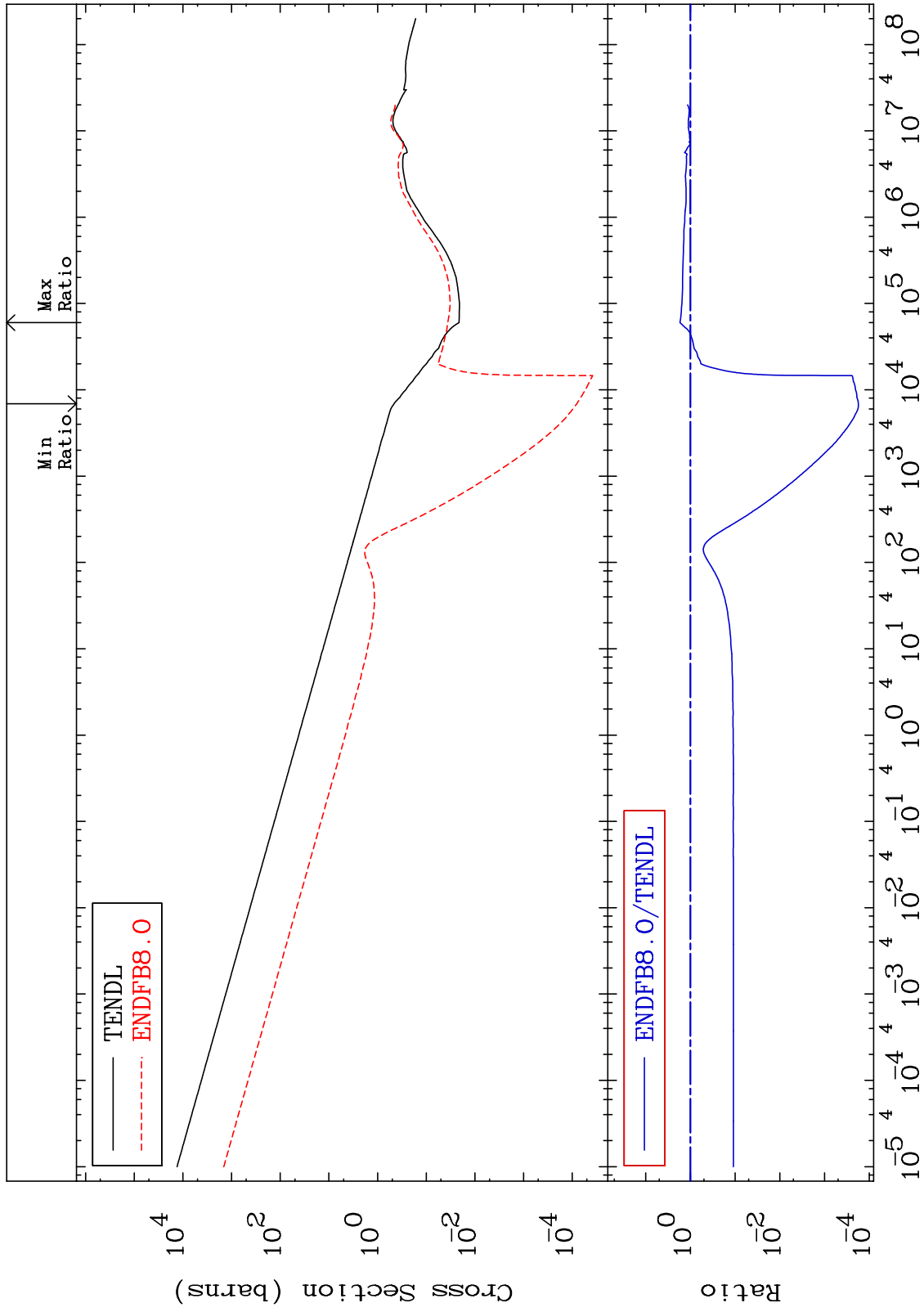
Incident Energy (eV)

11-Na-22

MAT 1122

He-4 Production
Cross Section

11-Na-22
-99.98 To 70.54 %



26

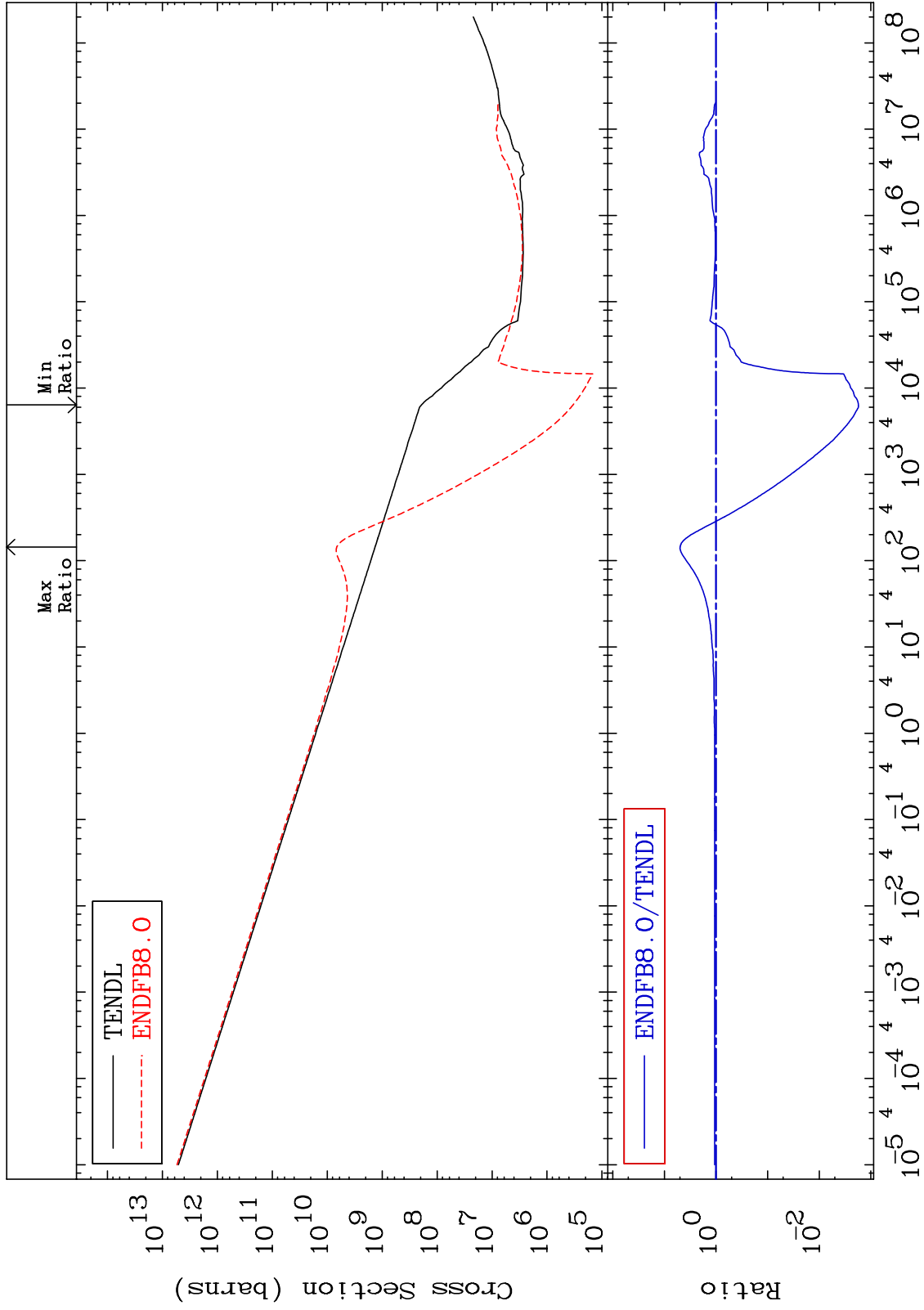
Incident Energy (eV)

11-Na-22

MAT 1122

Kerma total (eV-barns)
Cross Section

11-Na-22
-99.83 To 397.7 %



27

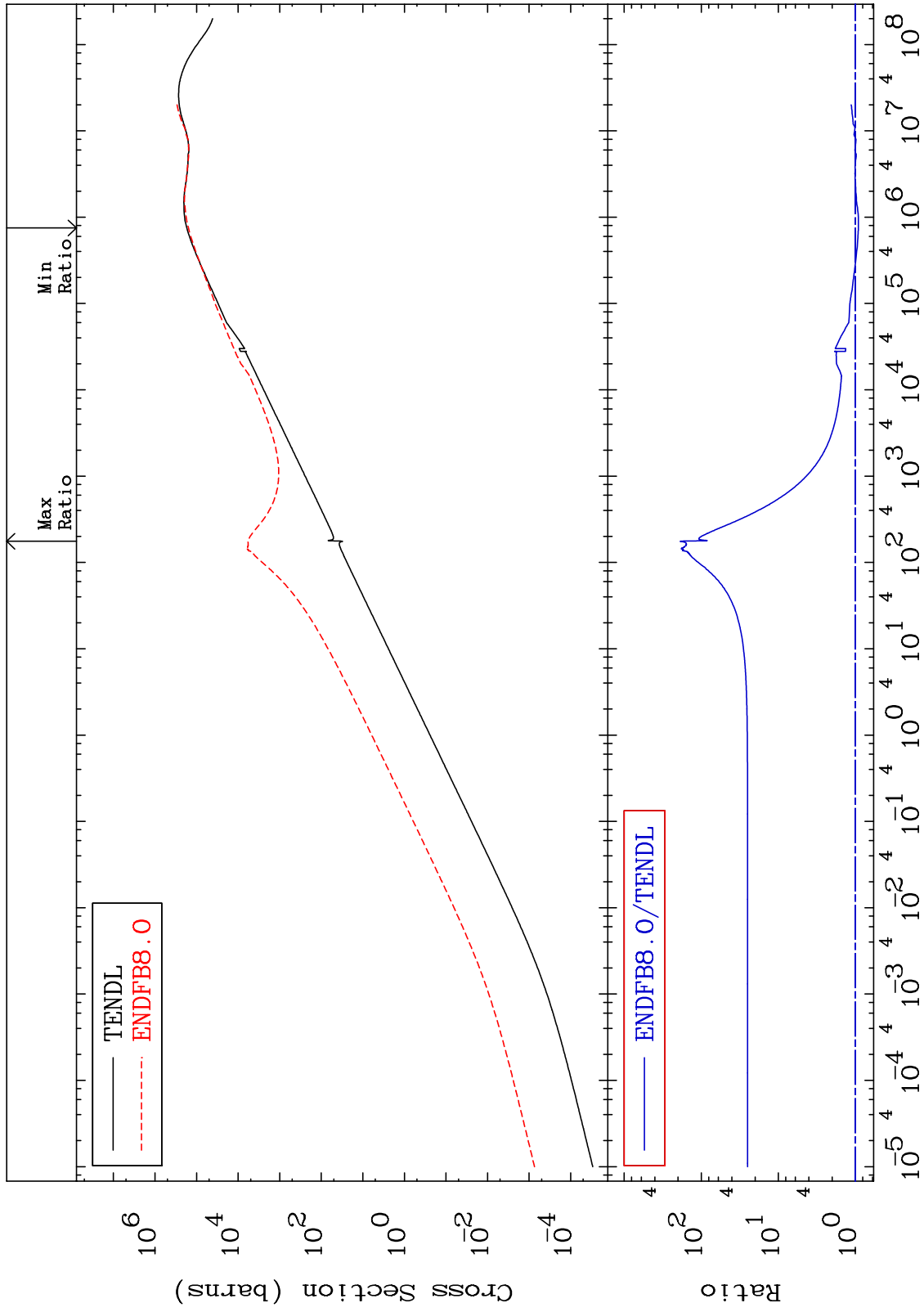
Incident Energy (eV)

11-Na-22

MAT 1122

Kerma elastic
Cross Section

11-Na-22
-8.730 To 9999. %



28

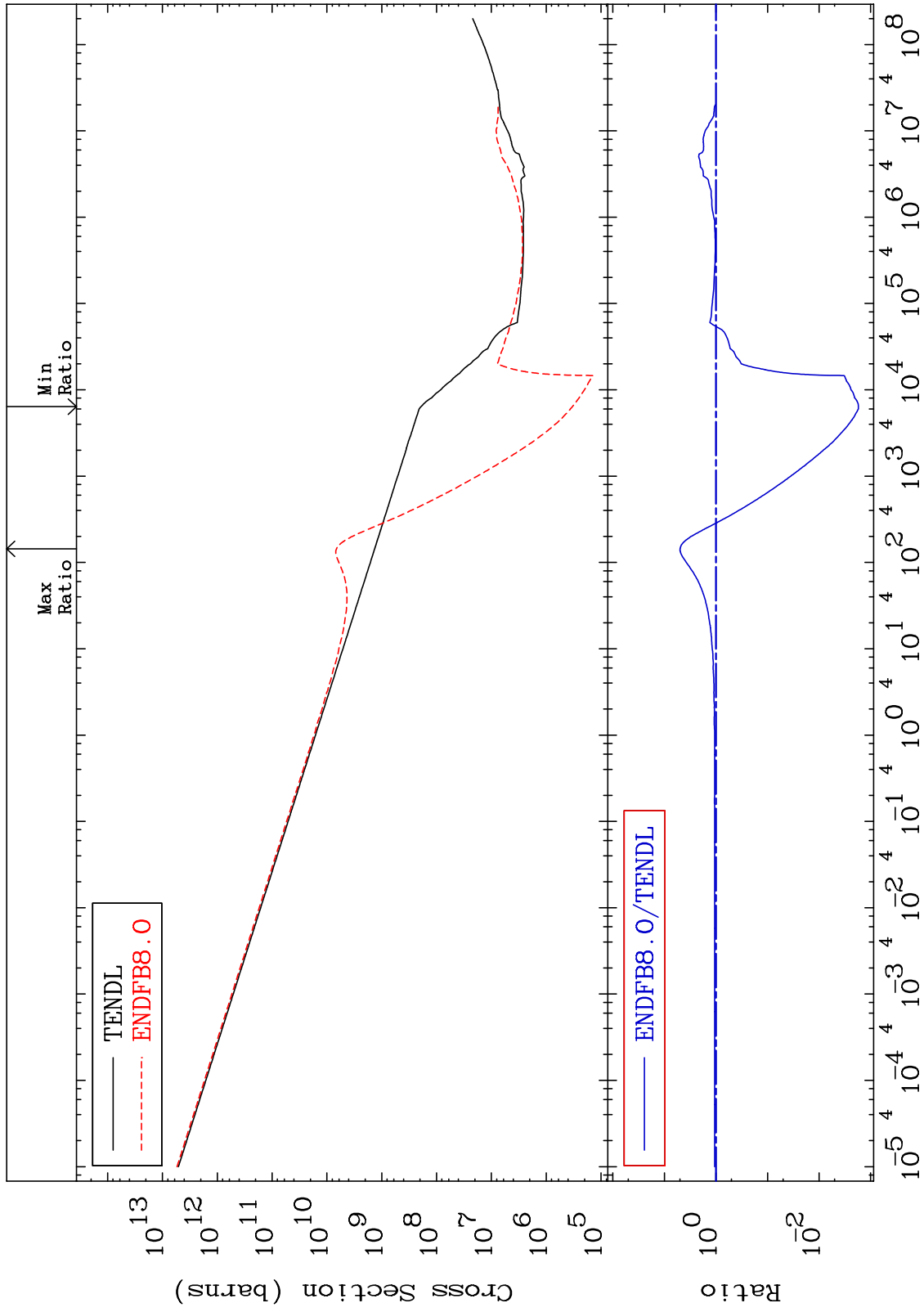
Incident Energy (eV)

11-Na-22

MAT 1122

Kerma non-elastic (all but mt2)
Cross Section

11-Na-22
-99.83 To 397.7 %



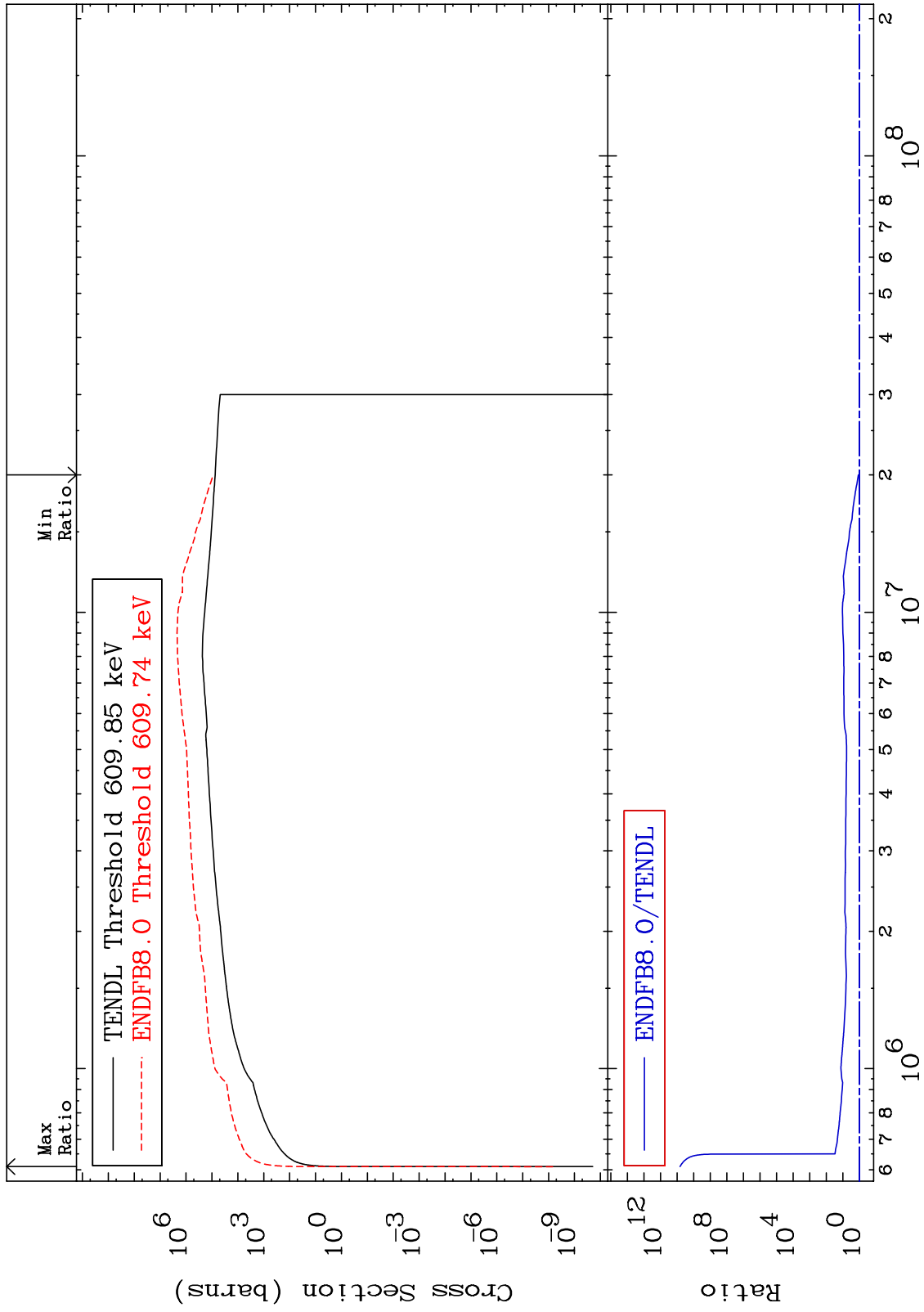
— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 1122

Kerma inelastic (mt51-91)
Cross Section

11-Na-22
17.07 To 9999. %



30

11-Na-22

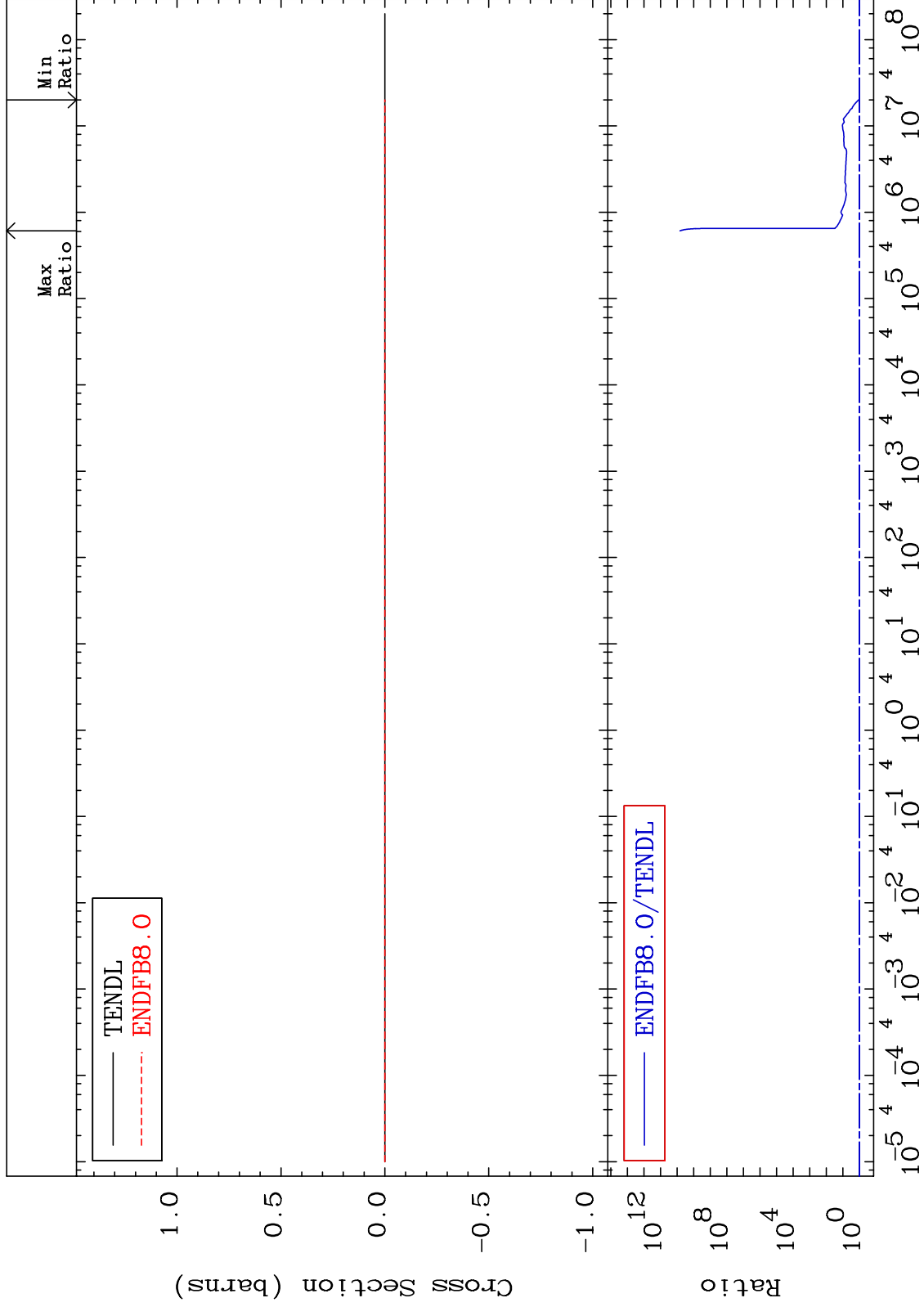
11-Na-22

MAT 1122

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

17.07 To 9999. %

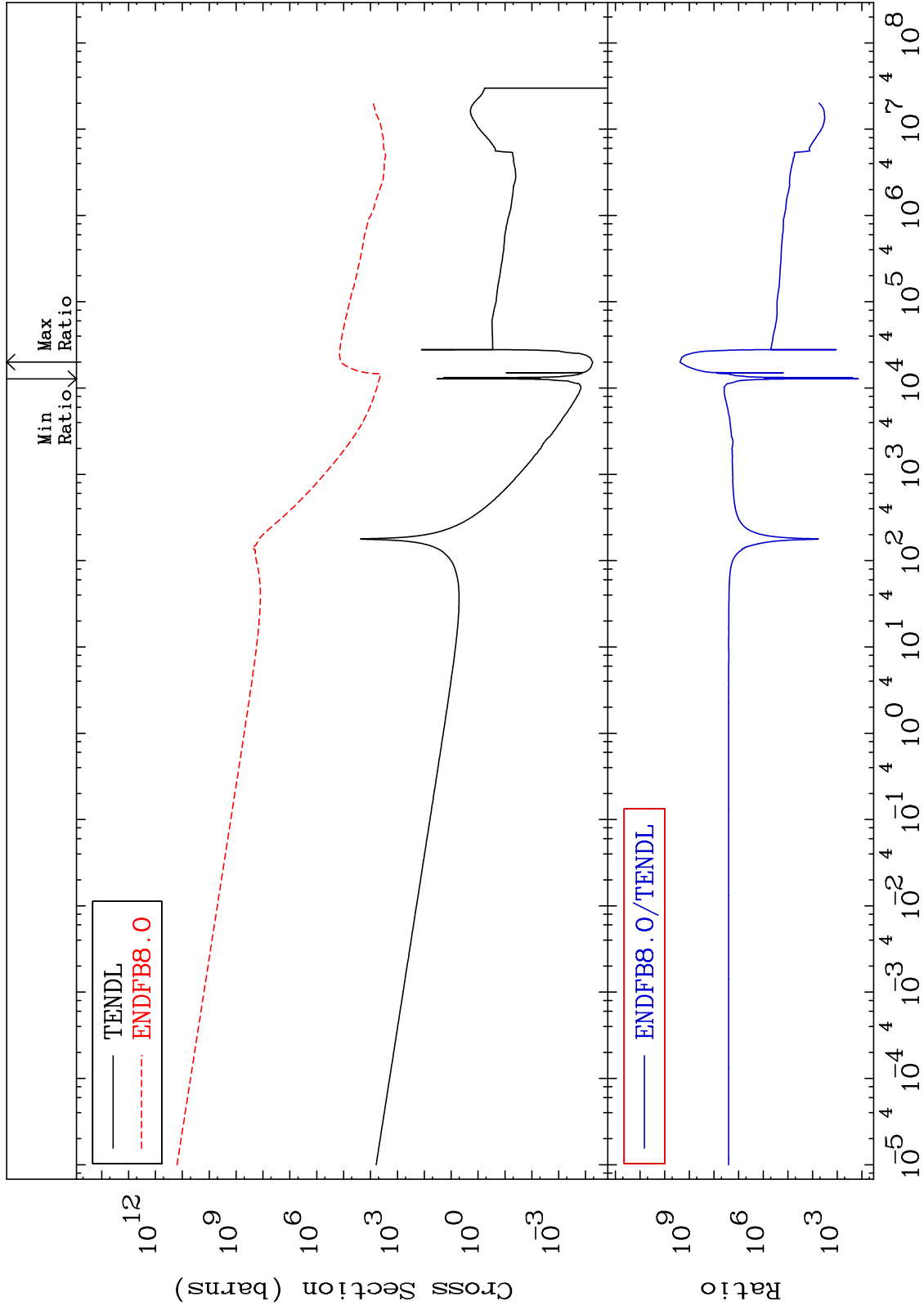
11-Na-22



MAT 1122

Kerma capture (mt102)
Cross Section

11-Na-22
9999. To 9999. %



32

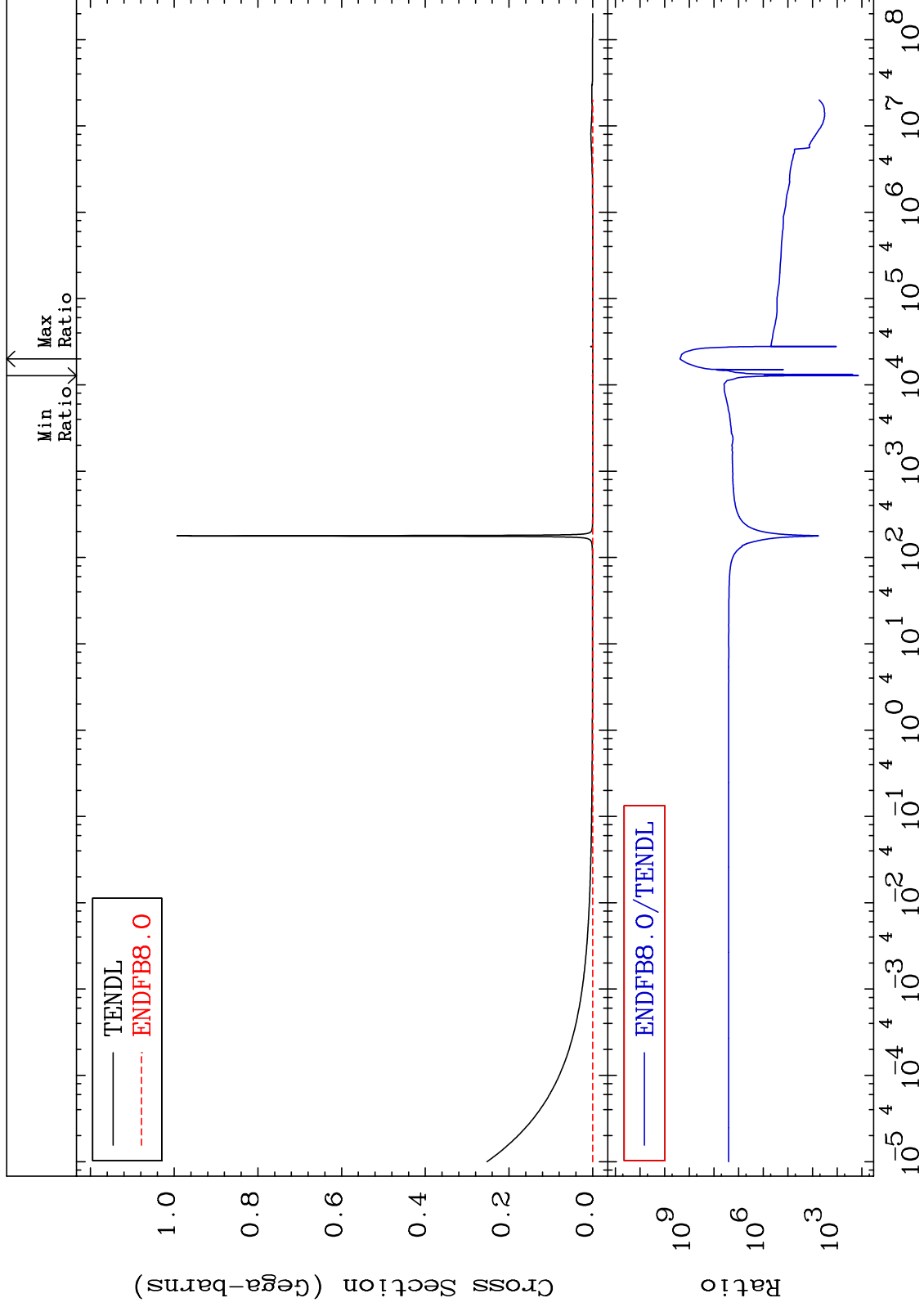
Incident Energy (eV)

11-Na-22

MAT 1122

Total photon (eV-barns)
Cross Section

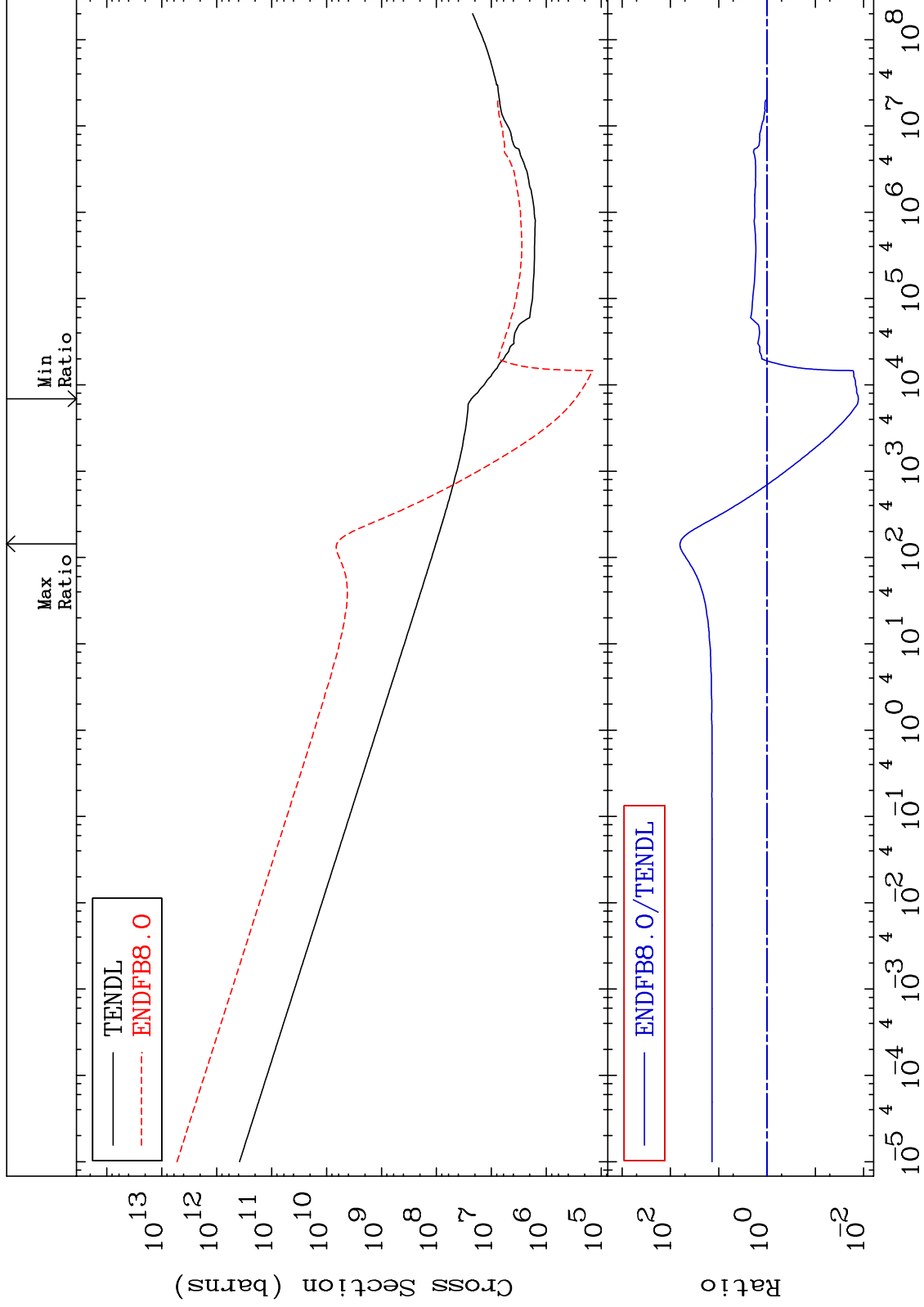
11-Na-22
9999. To 9999. %



MAT 1122

Total kinematic kerma (high limit)
Cross Section

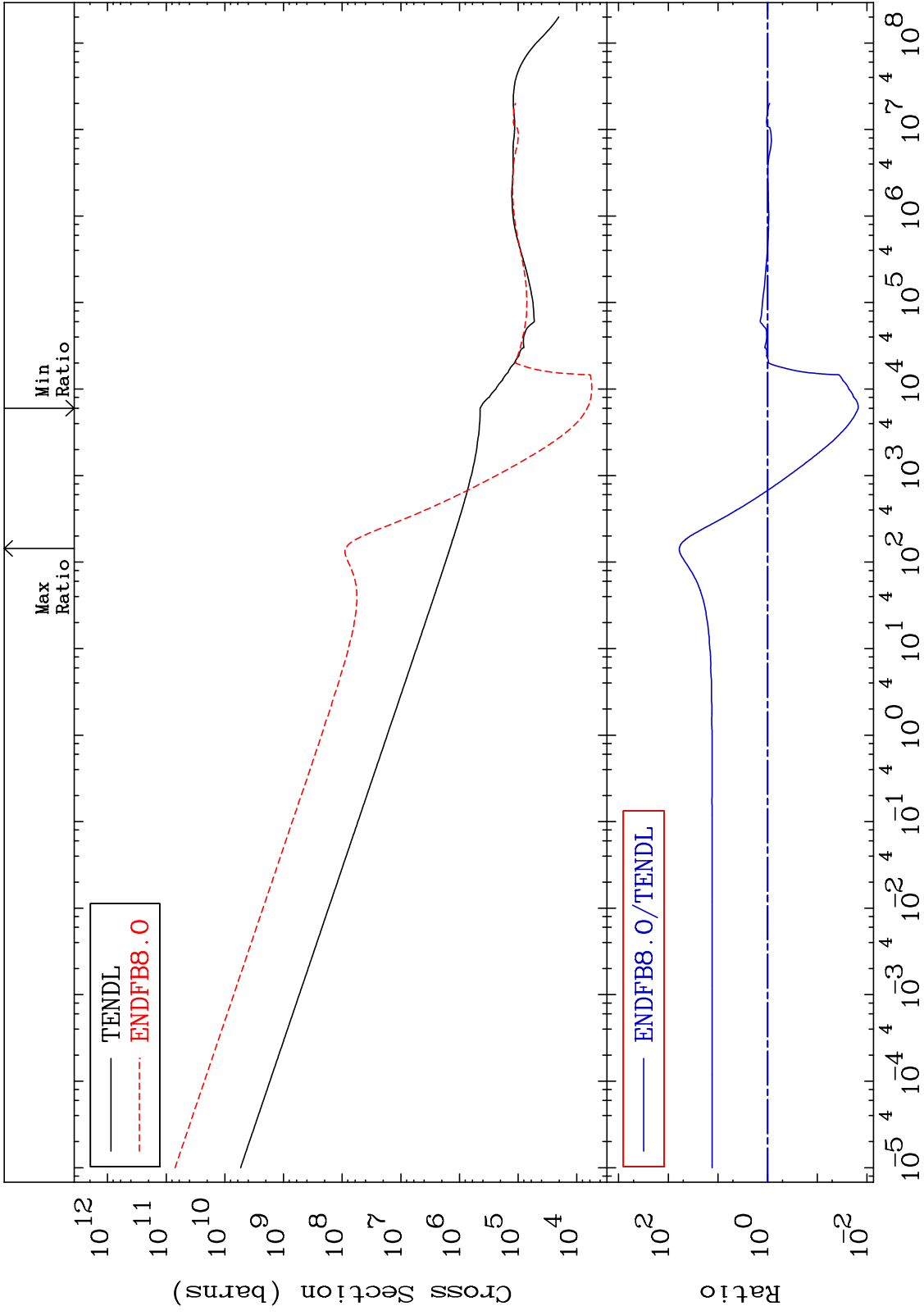
11-Na-22
-98.72 To 6216. %



MAT 1122

Dpa total (eV-barns)
Cross Section

11-Na-22
-98.50 To 5878. %



35

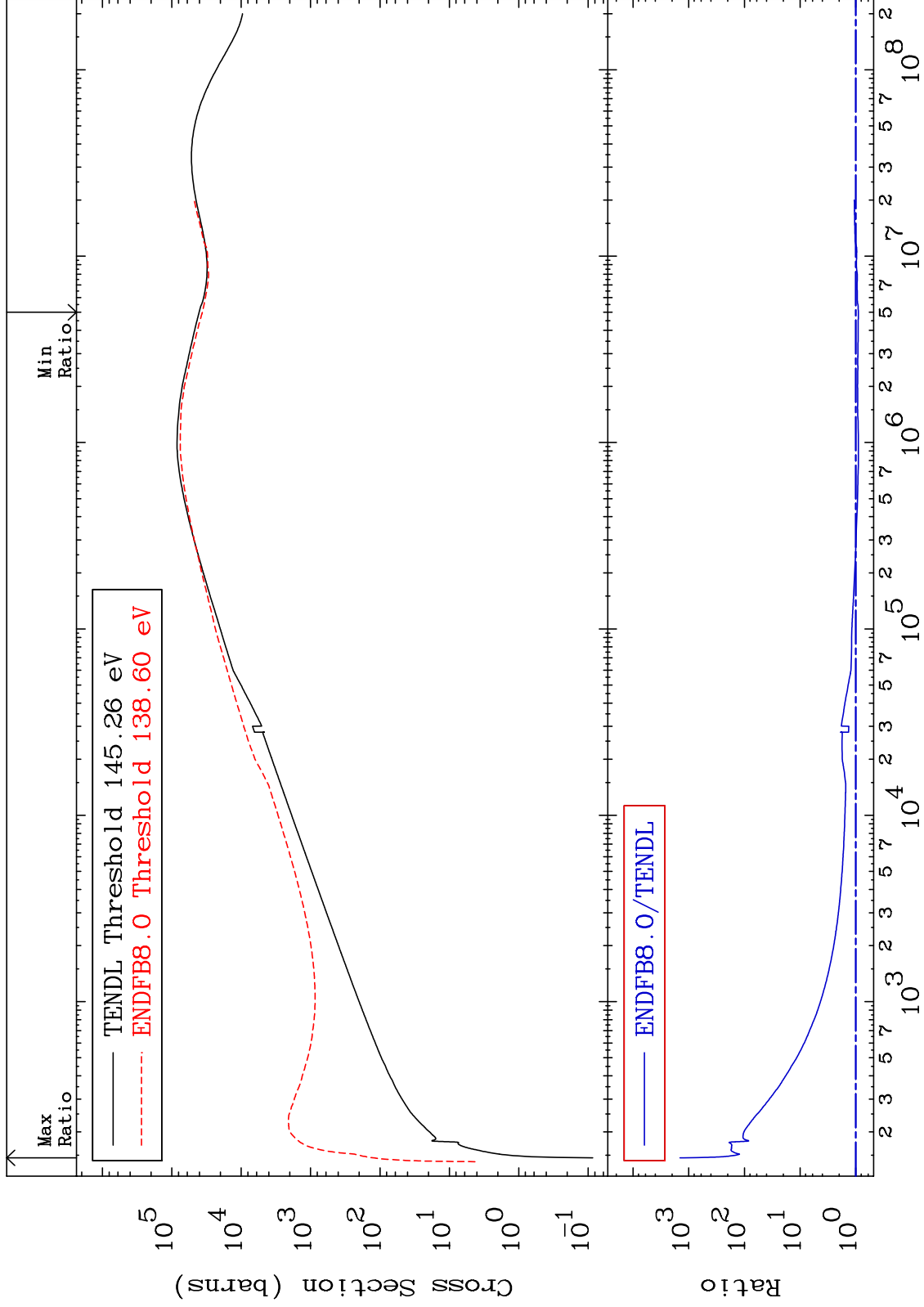
Incident Energy (eV)

11-Na-22

MAT 1122

Dpa elastic (mt2)
Cross Section

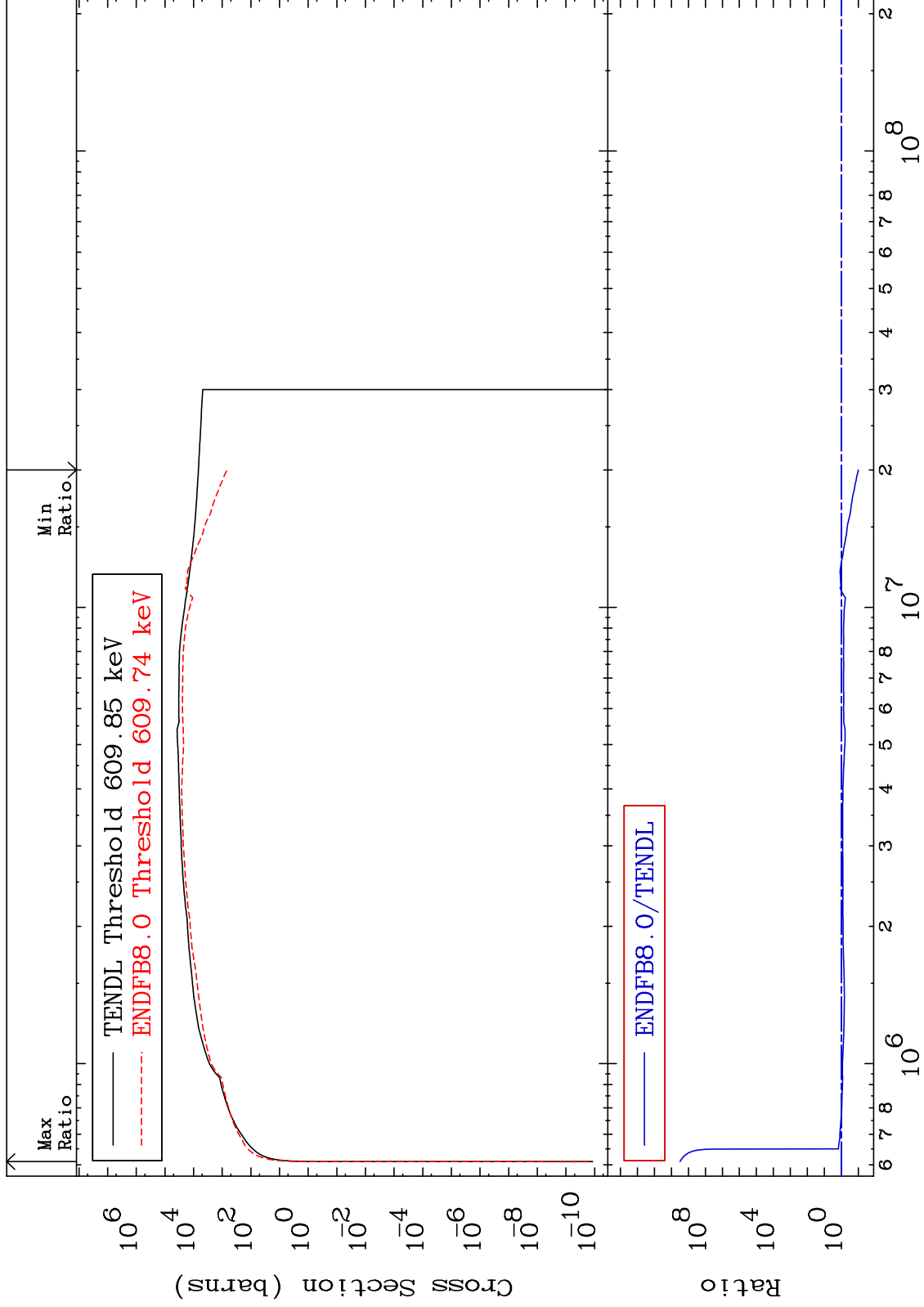
11-Na-22
-10.14 To 9999. %



MAT 1122

Dpa inelastic (mt51-91)
Cross Section

11-Na-22
-90.00 To 9999. %



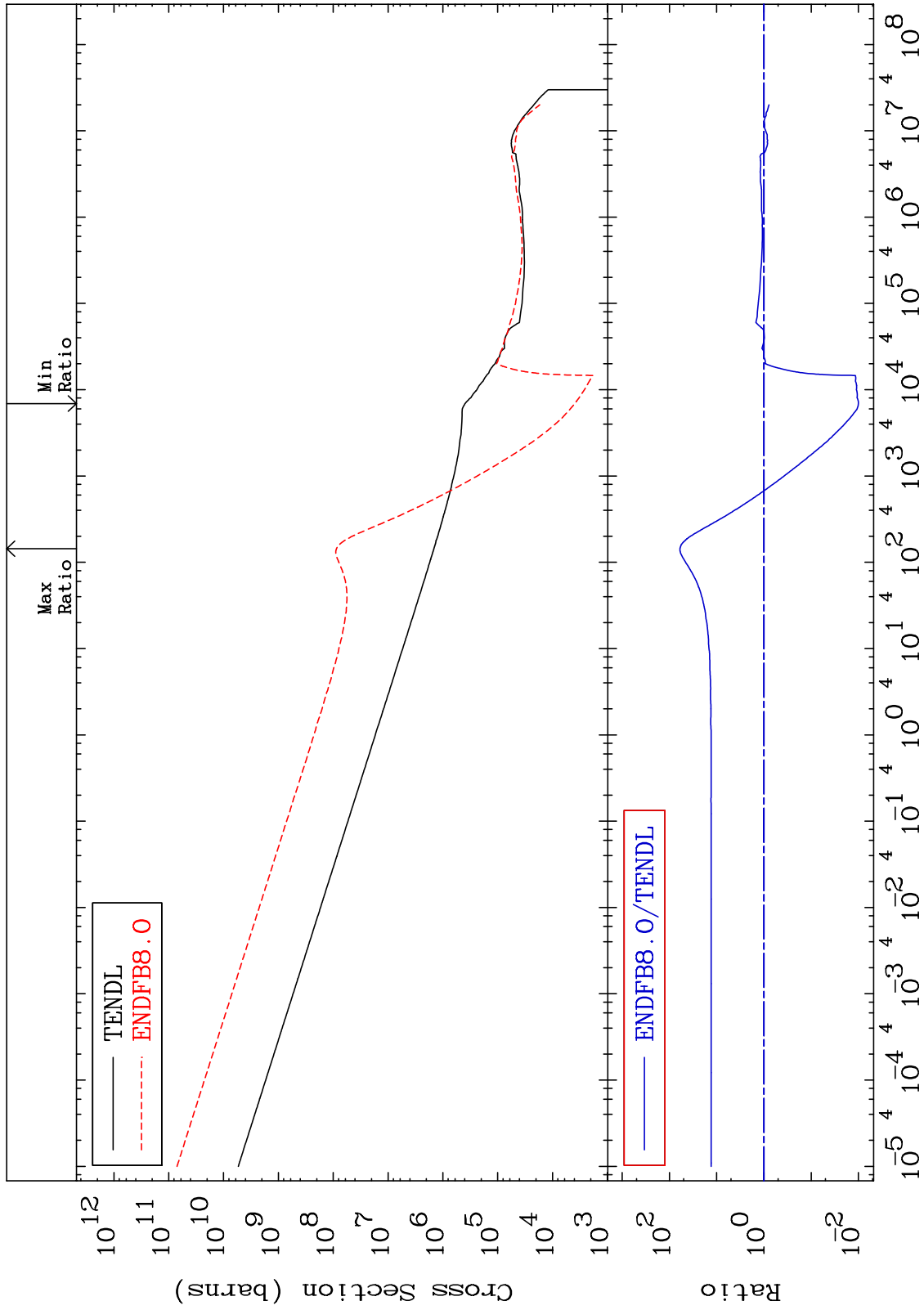
37

11-Na-22

MAT 1122

Dpa disappearance (mt102 -120)
Cross Section

11-Na-22
-99.00 To 5878. %



38

Incident Energy (eV)

11-Na-22