

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

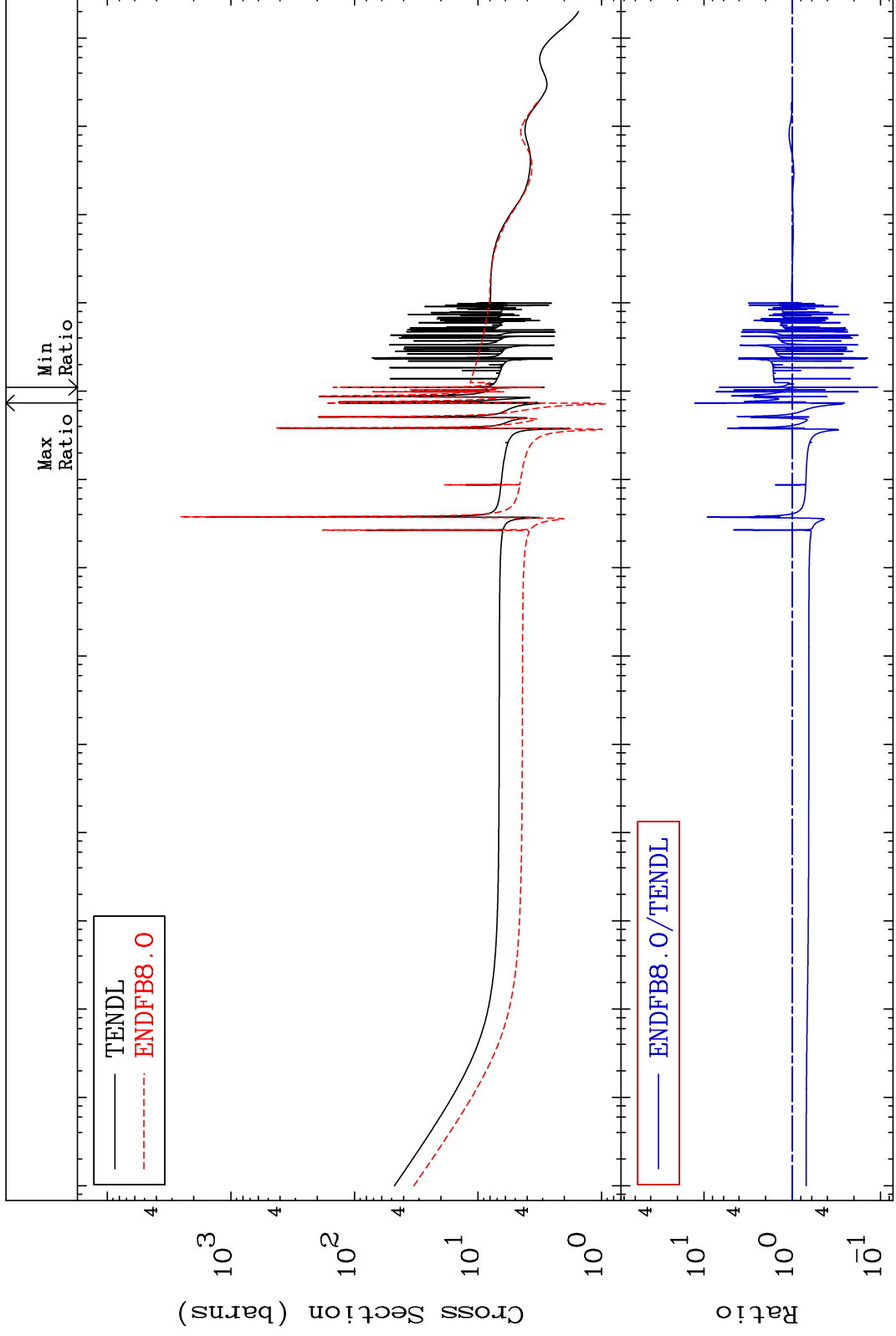
MAT 3731

Total

37-Rb-87

Cross Section

-89.14 To 1165. %



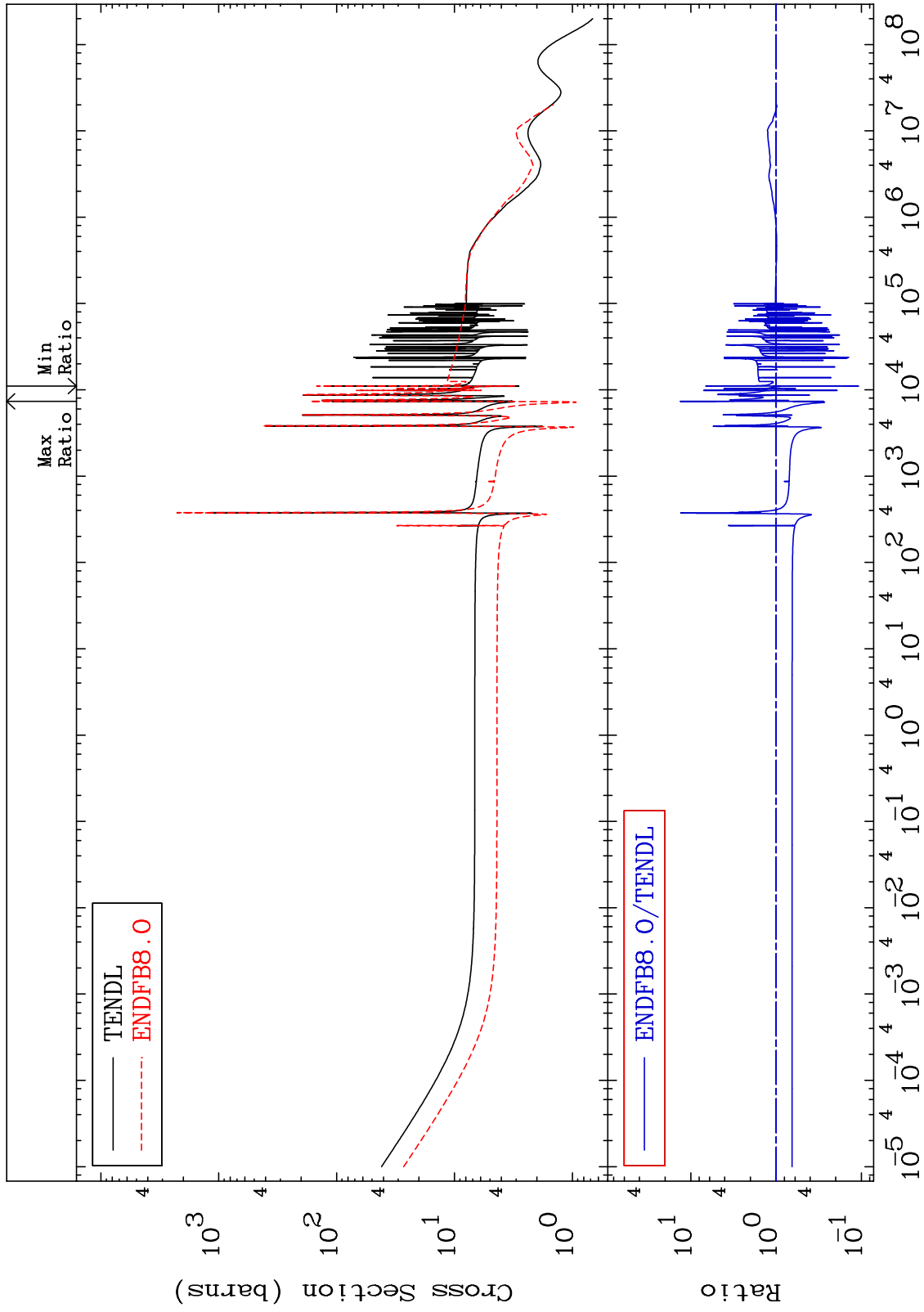
1

37-Rb-87

MAT 3731

Elastic
Cross Section

37-Rb-87
-89.15 To 1237. %



Incident Energy (eV)

37-Rb-87

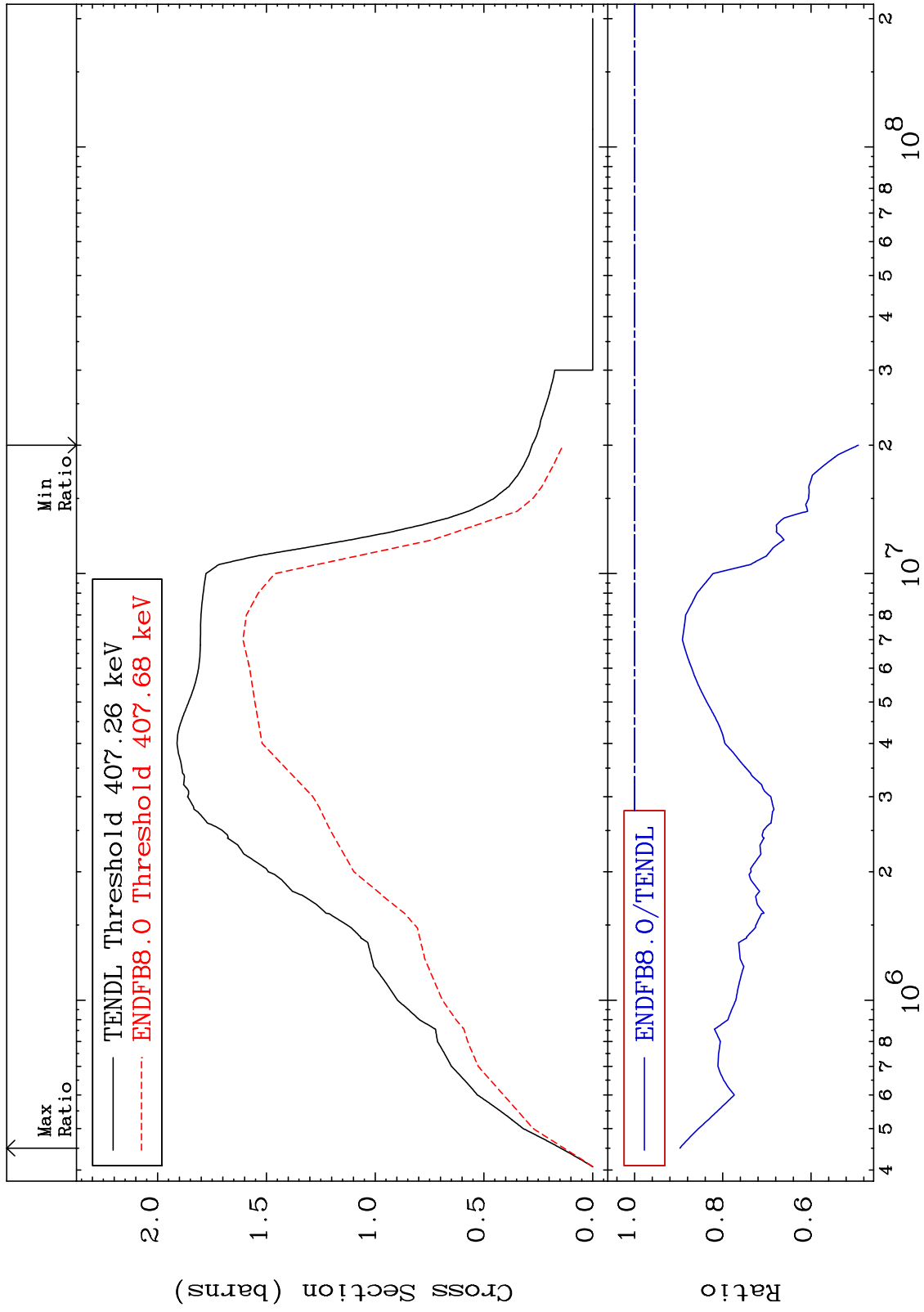
MAT 3731

Inelastic

³⁷Rb-87

Cross Section

-50.76 To -10.30%



3

Incident Energy (eV)

³⁷Rb-87

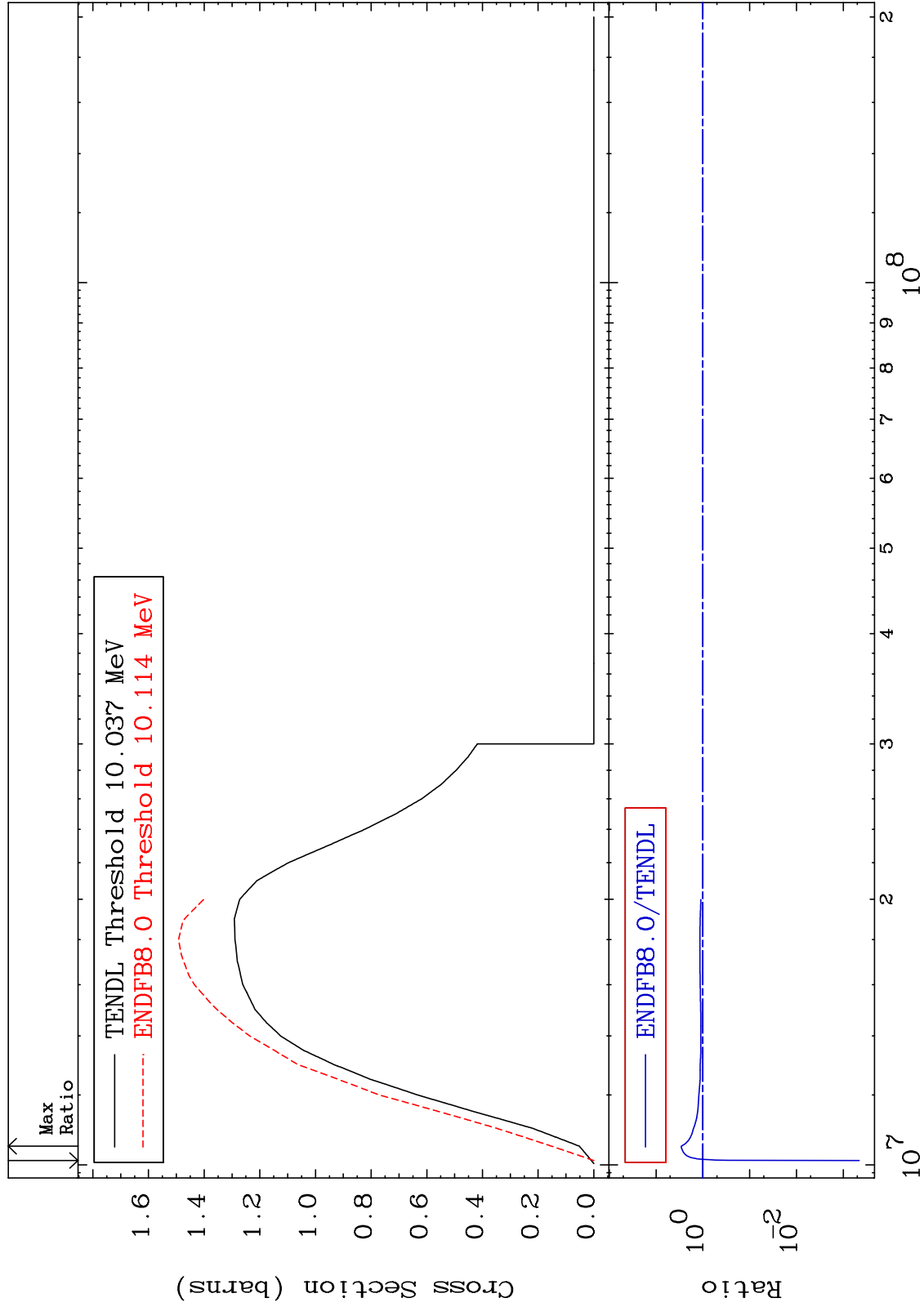
MAT 3731

(n,2n)

37-Rb-87

Cross Section

-99.95 To 192.1 %



Incident Energy (eV)

37-Rb-87

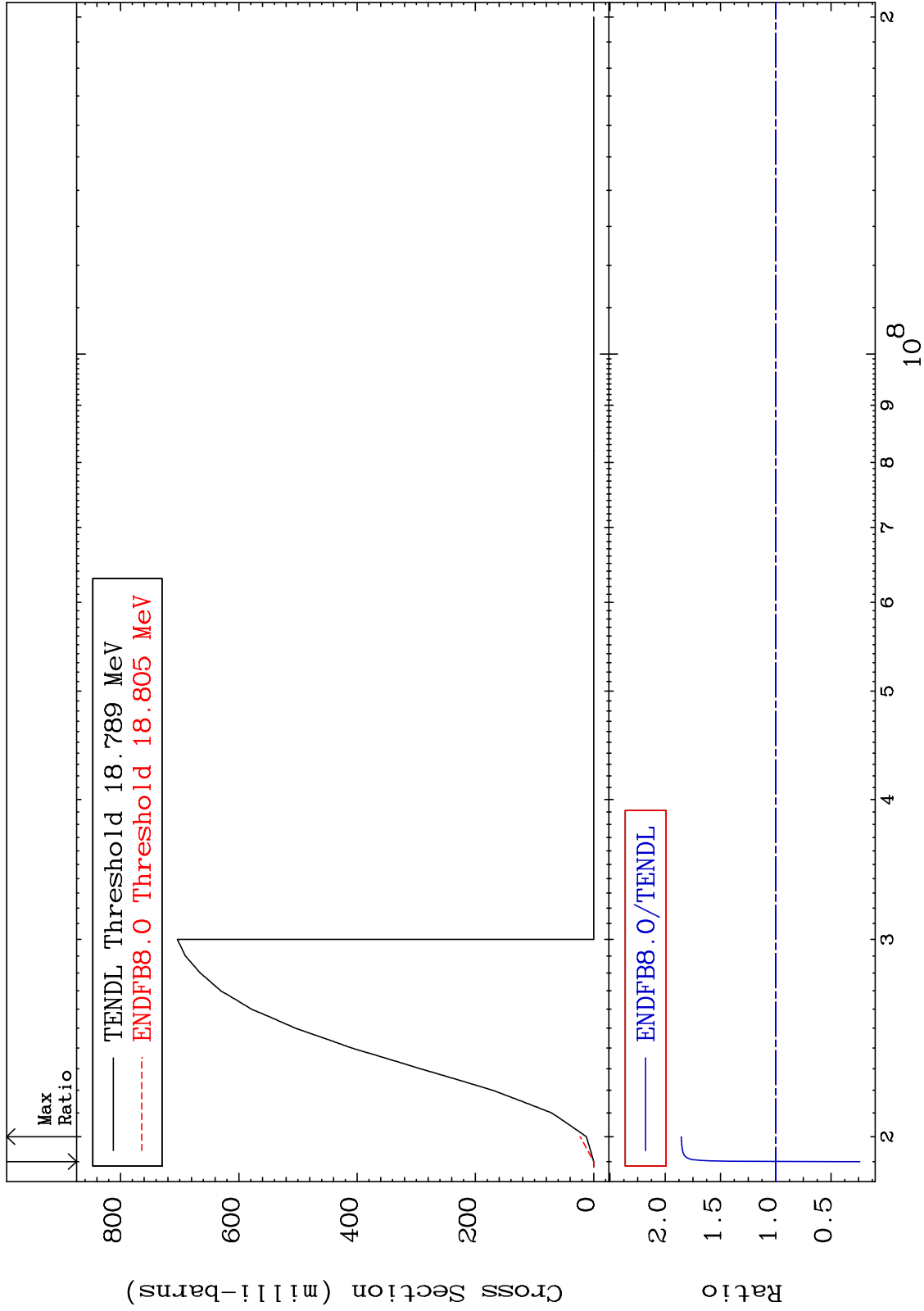
MAT 3731

(n,3n)

37-Rb-87

Cross Section

-76.20 To 85.55 %



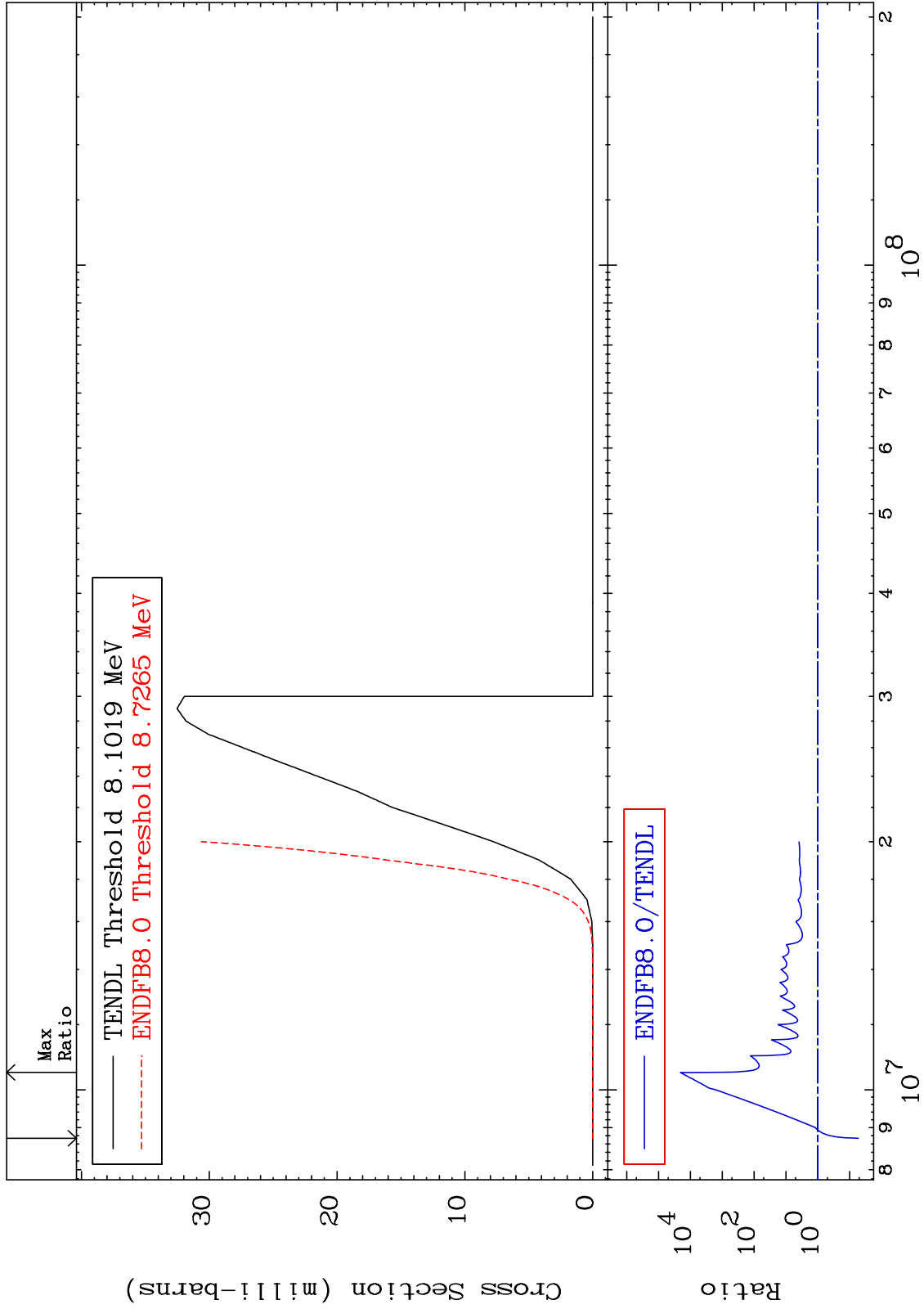
MAT 3731

(n, n') α

37-Rb-87

Cross Section

-94.67 To 9999. %



6

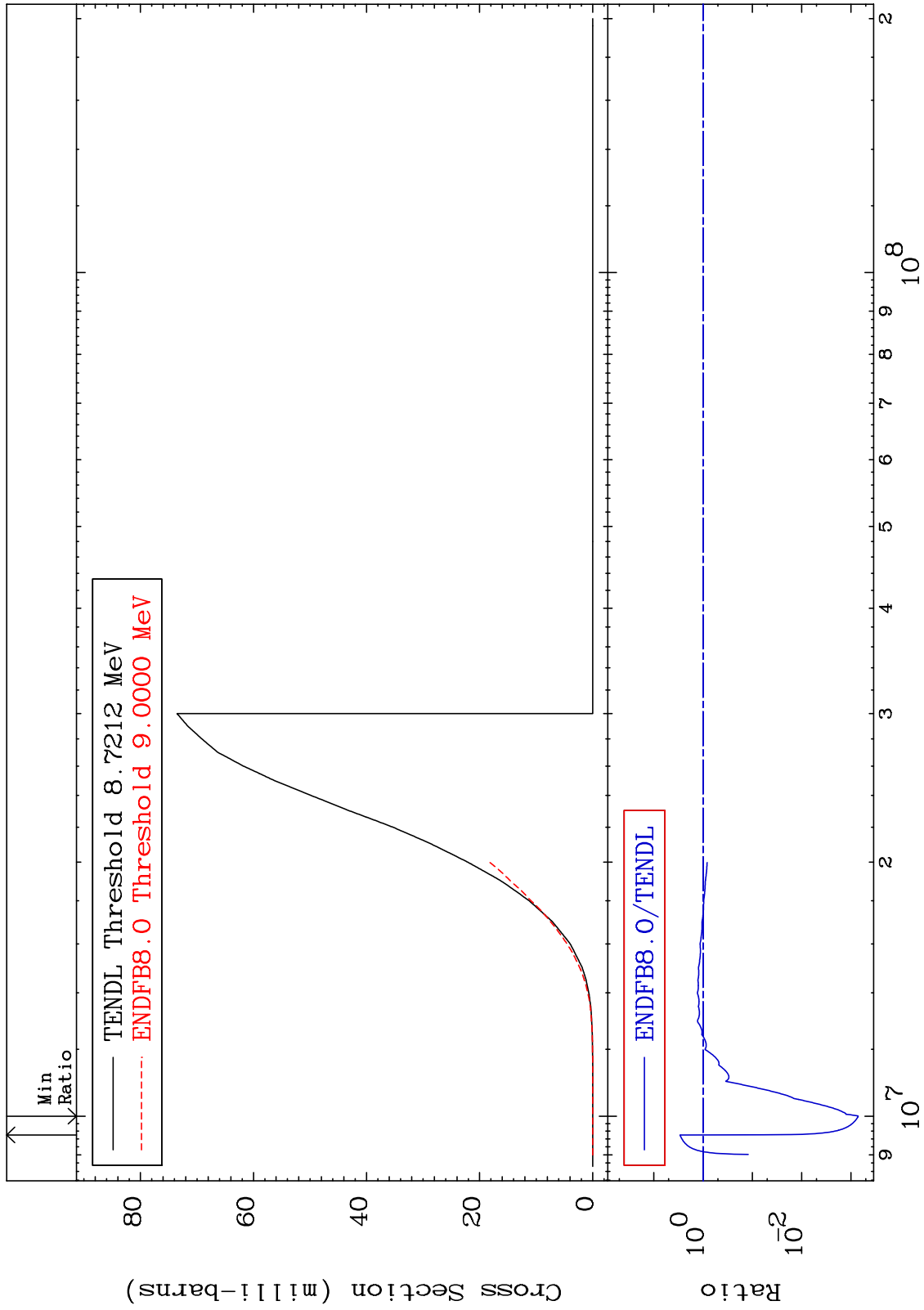
Incident Energy (eV)

37-Rb-87

MAT 3731

(n,n') p
Cross Section

³⁷Rb-87
-99.93 To 193.0 %



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Incident Energy (eV)

³⁷Rb-87

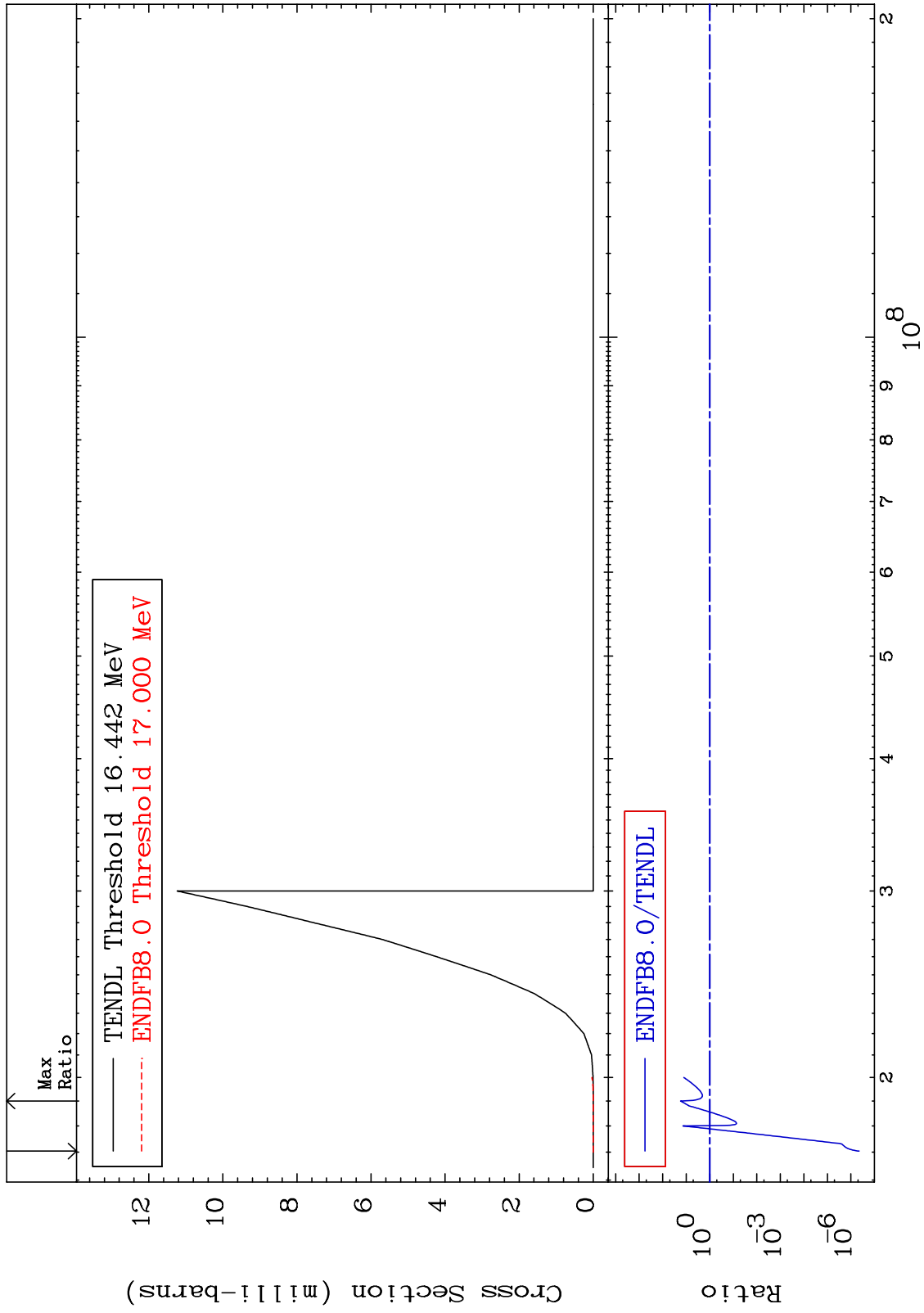
MAT 3731

(n,n') d

37-Rb-87

Cross Section

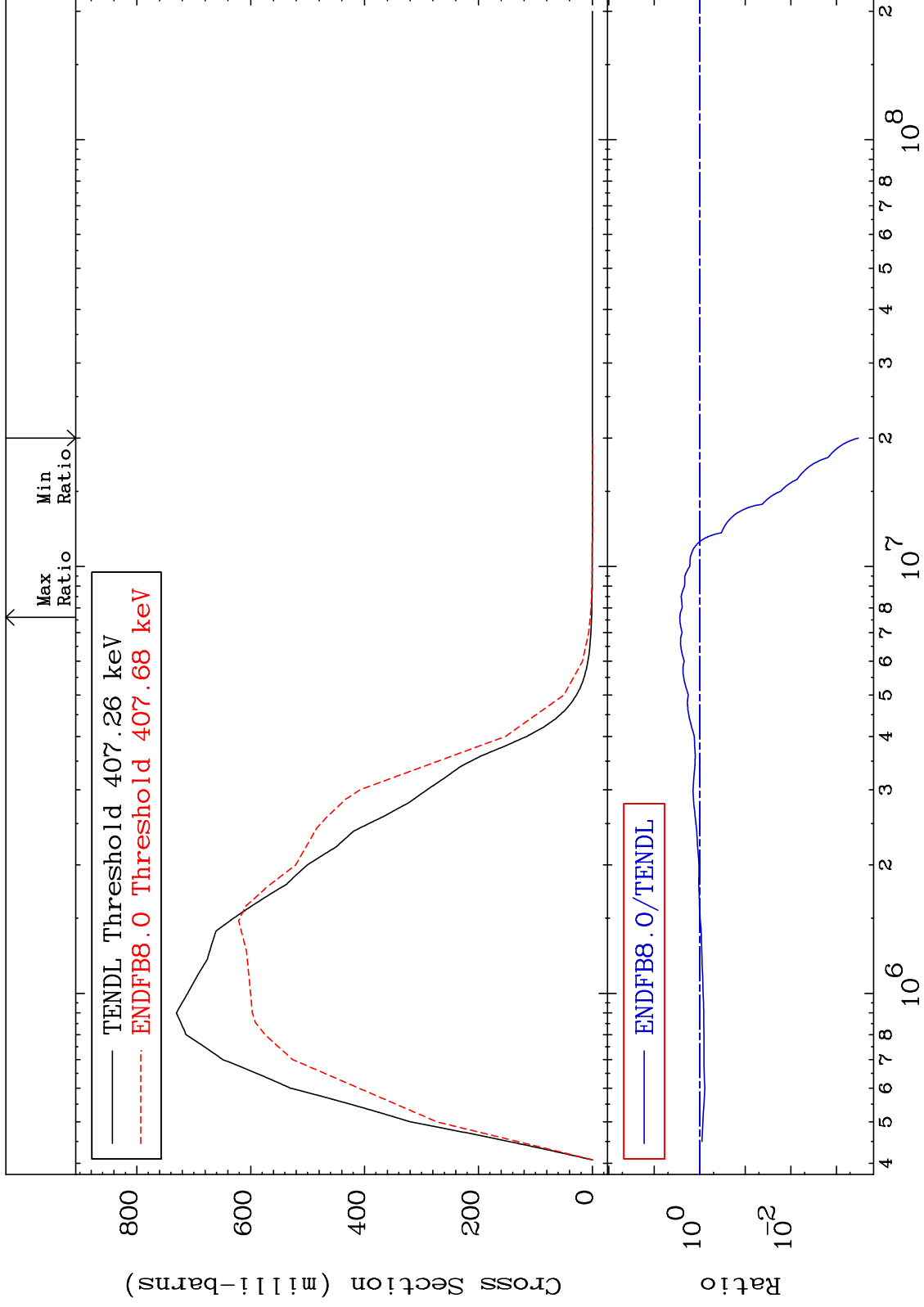
-100.0 To 1631. %



MAT 3731

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

37-Rb-87
-99.97 To 174.6 %



9

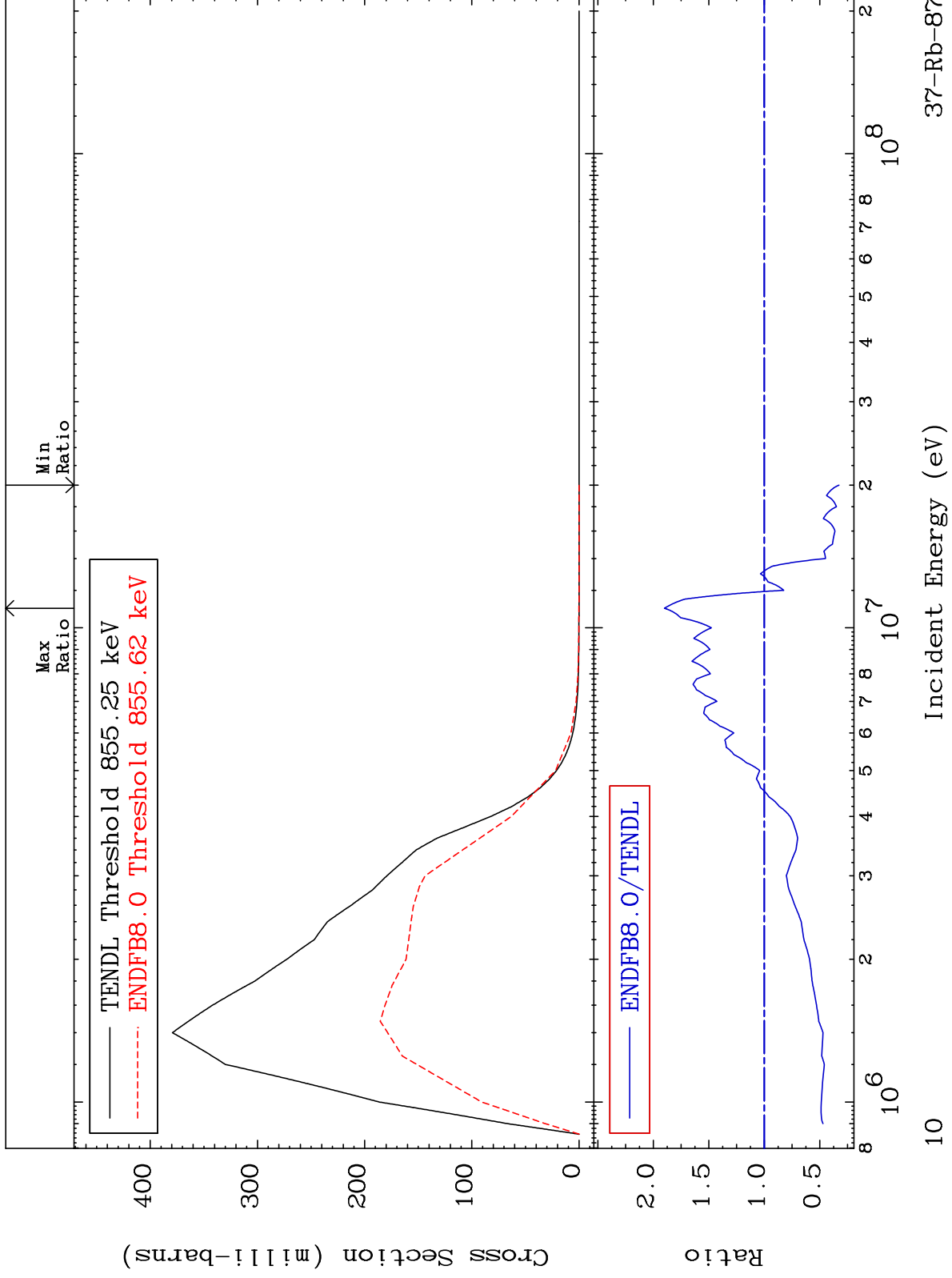
Incident Energy (eV)

37-Rb-87

MAT 3731

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

37-Rb-87
-67.35 To 89.96 %

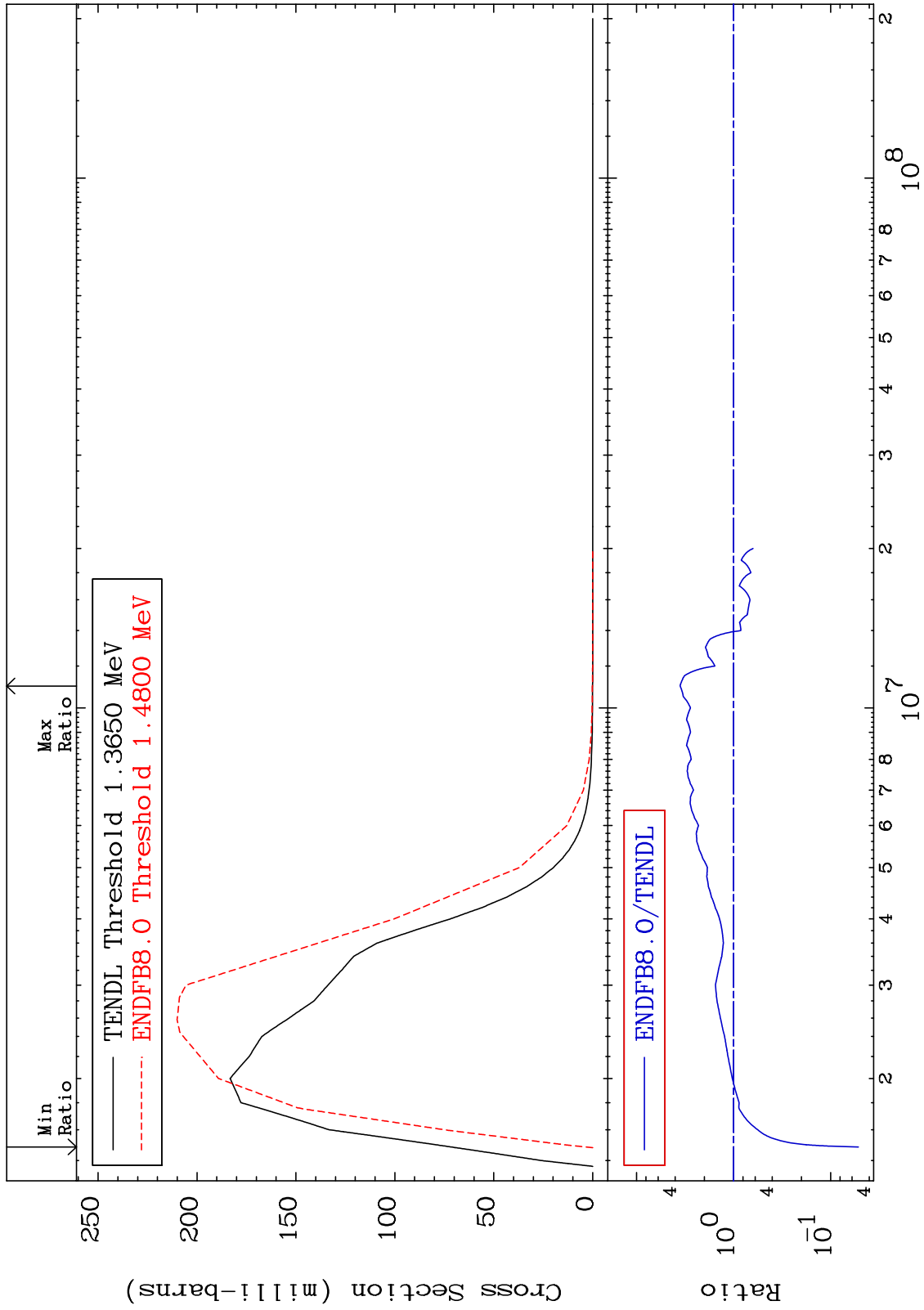


37-Rb-87

MAT 3731

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

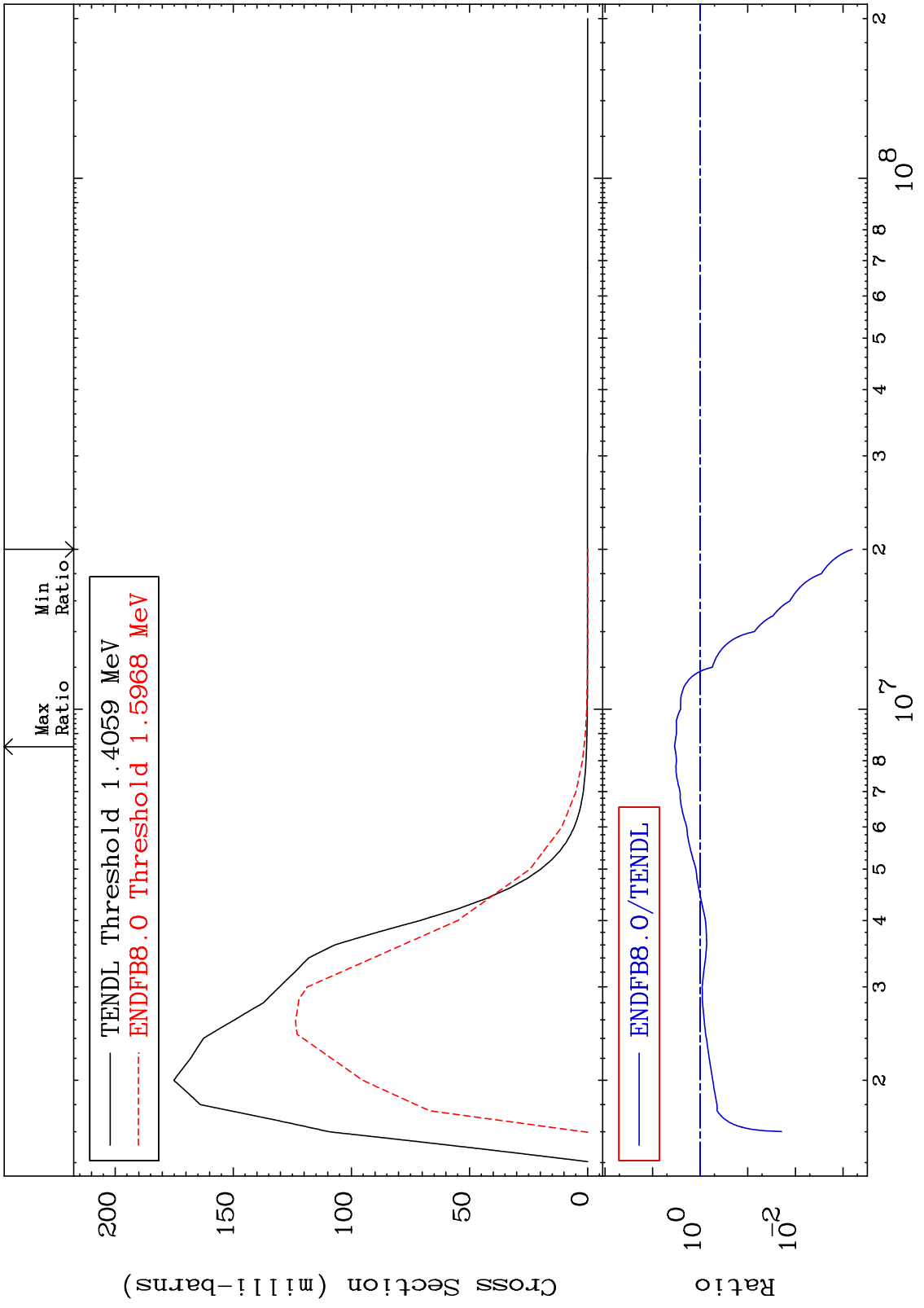
37-Rb-87
-94.83 To 256.5 %



MAT 3731

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

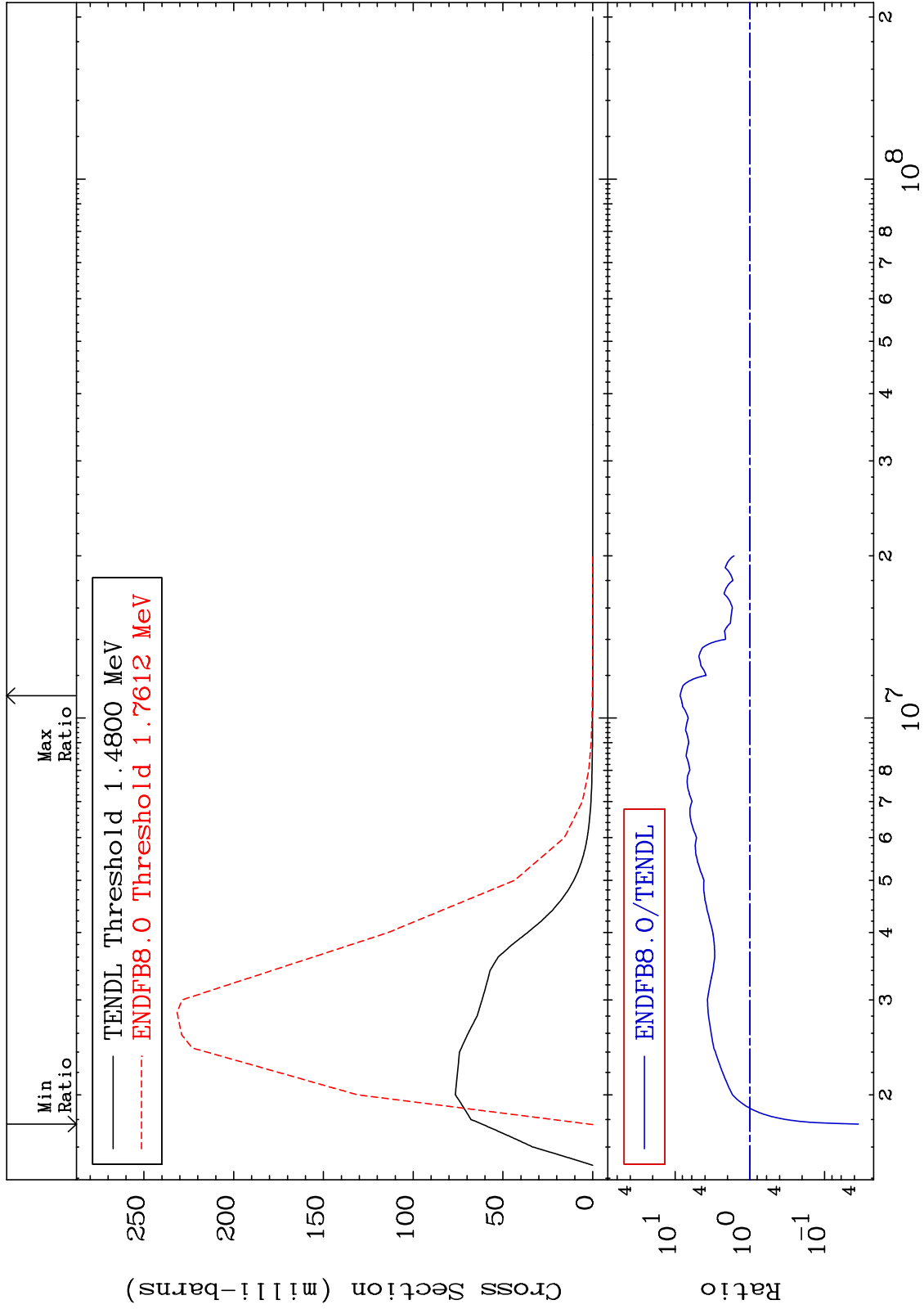
37-Rb-87
-99.94 To 244.9 %



MAT 3731

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

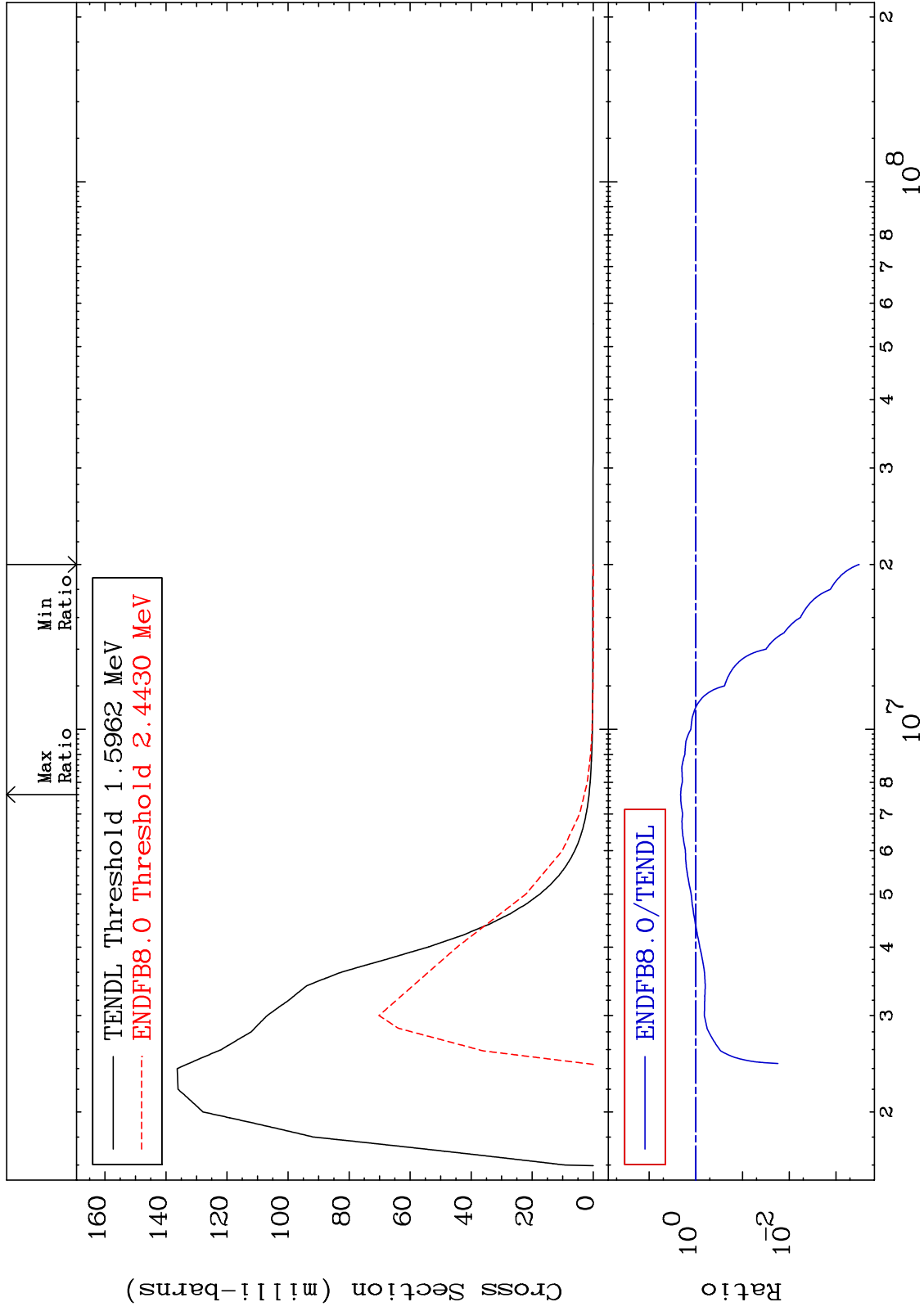
37-Rb-87
-96.47 To 762.4 %



MAT 3731

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

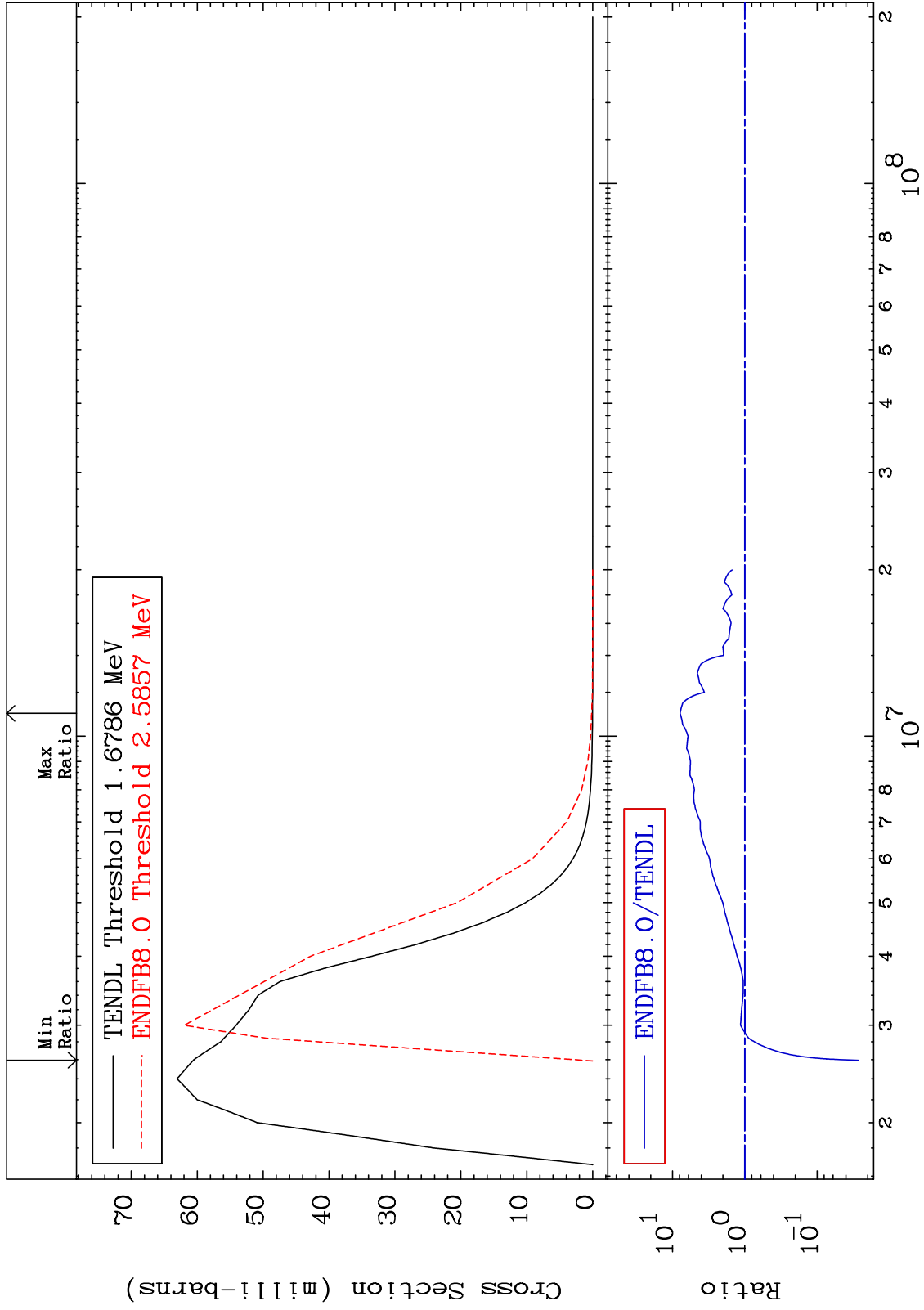
37-Rb-87
-99.97 To 111.9 %



MAT 3731

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

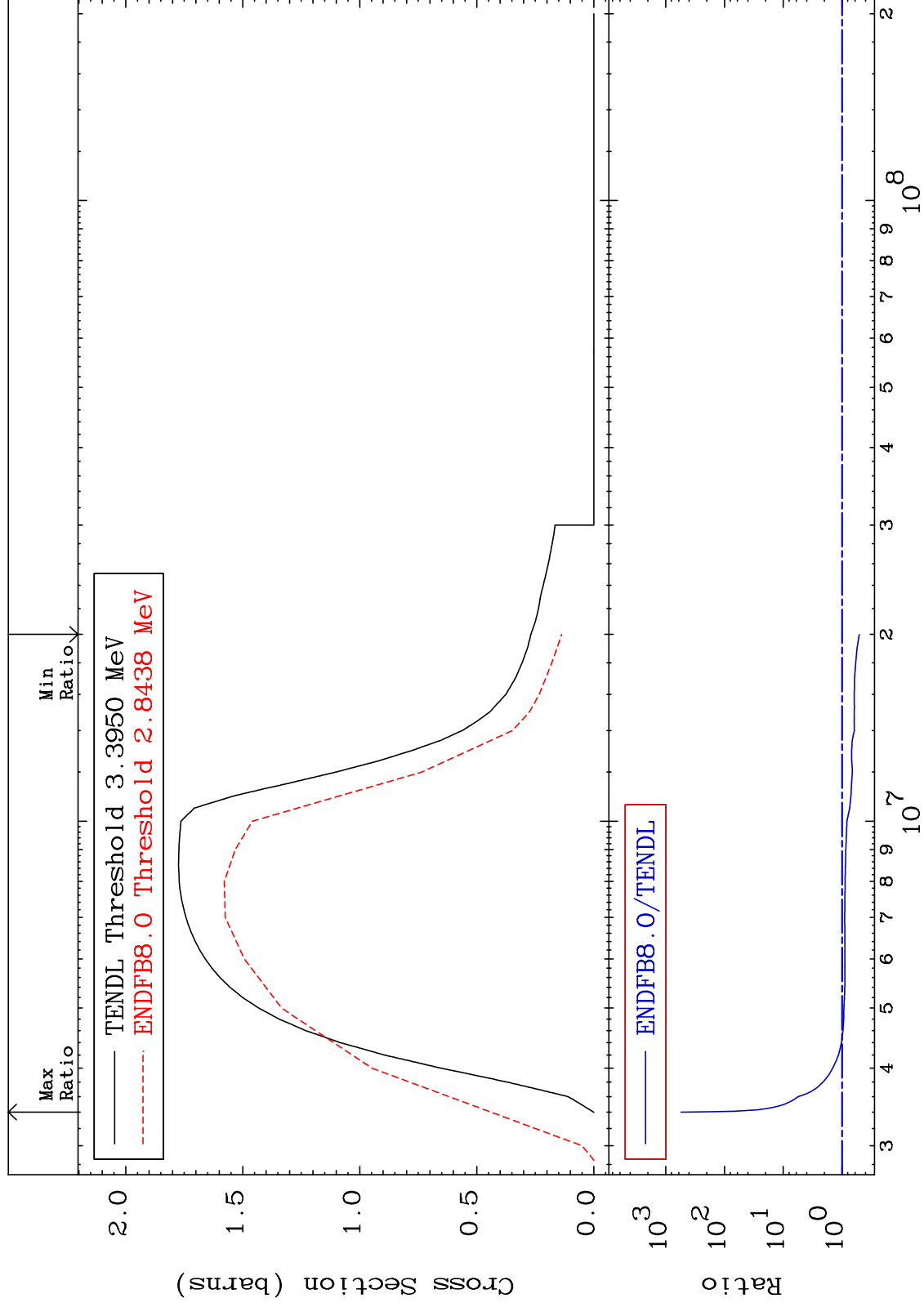
37-Rb-87
-97.32 To 686.5 %



MAT 3731

(n, n') Continuum
Cross Section

37-Rb-87
-49.01 To 9999. %



16

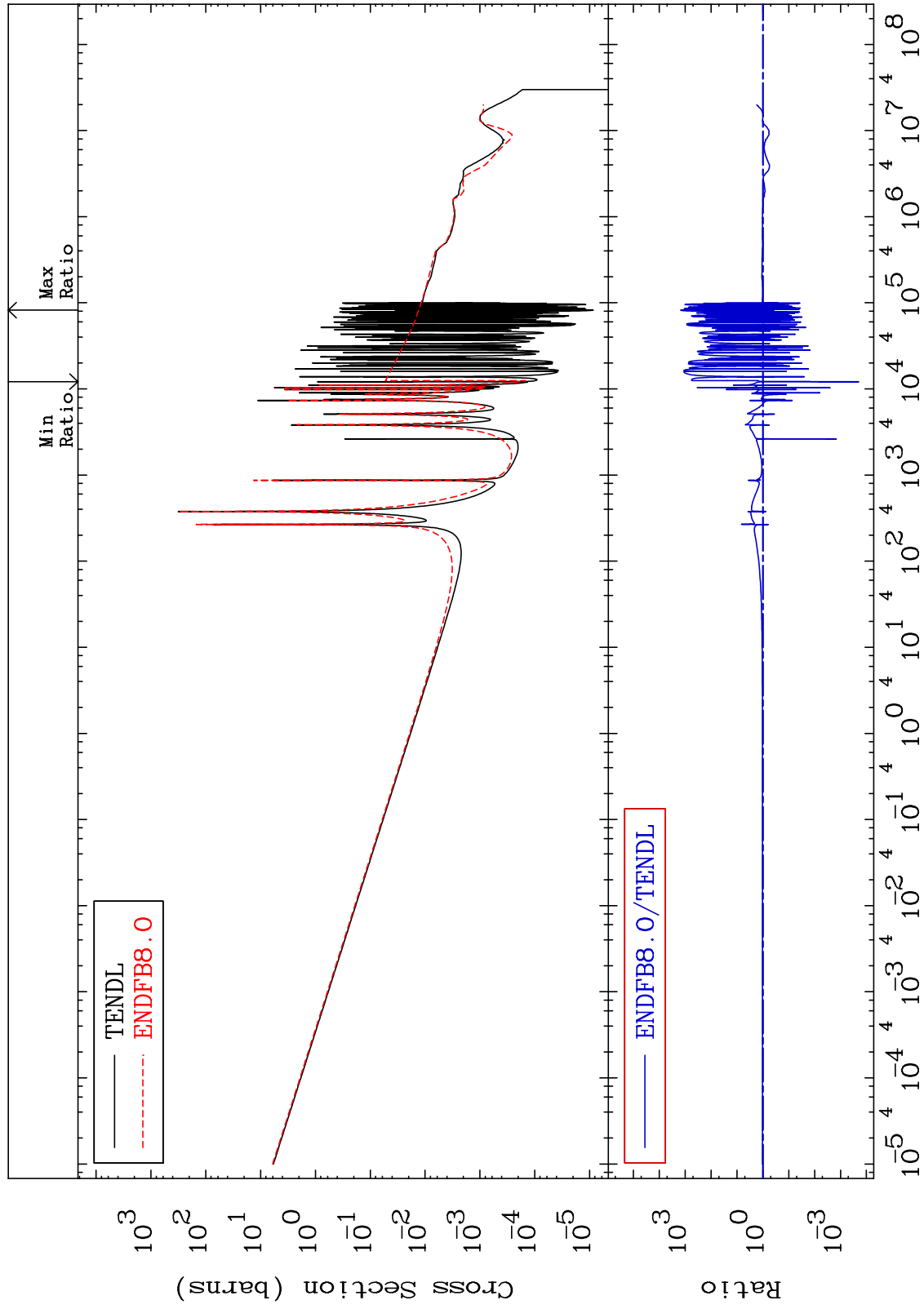
Incident Energy (eV)

37-Rb-87

MAT 3731

(n, γ)
Cross Section

37-Rb-87
-99.98 To 9999. %



17

Incident Energy (eV)

37-Rb-87

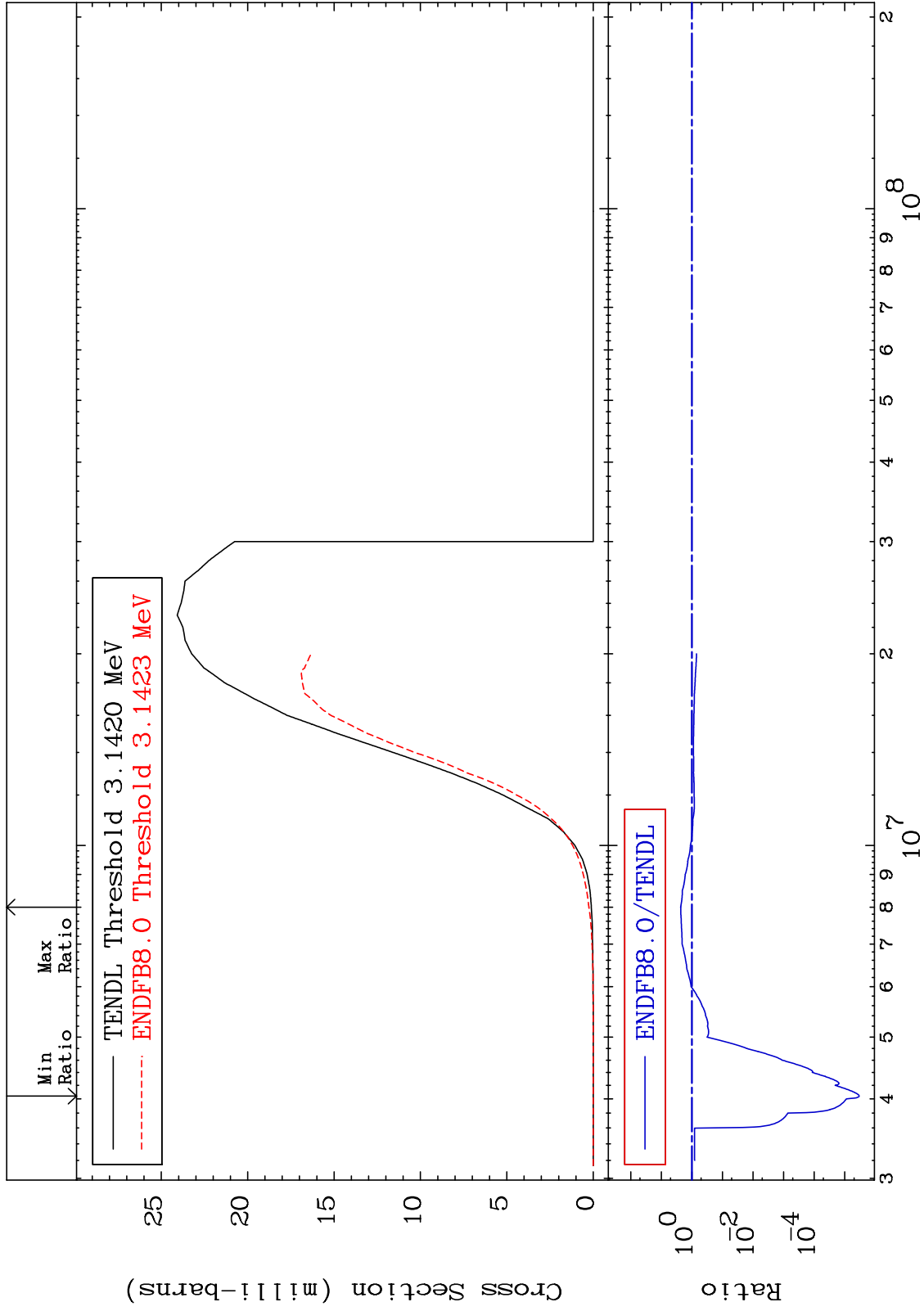
MAT 3731

(n,p)

³⁷Rb-87

Cross Section

-100.0 To 133.9 %



18

Incident Energy (eV)

³⁷Rb-87

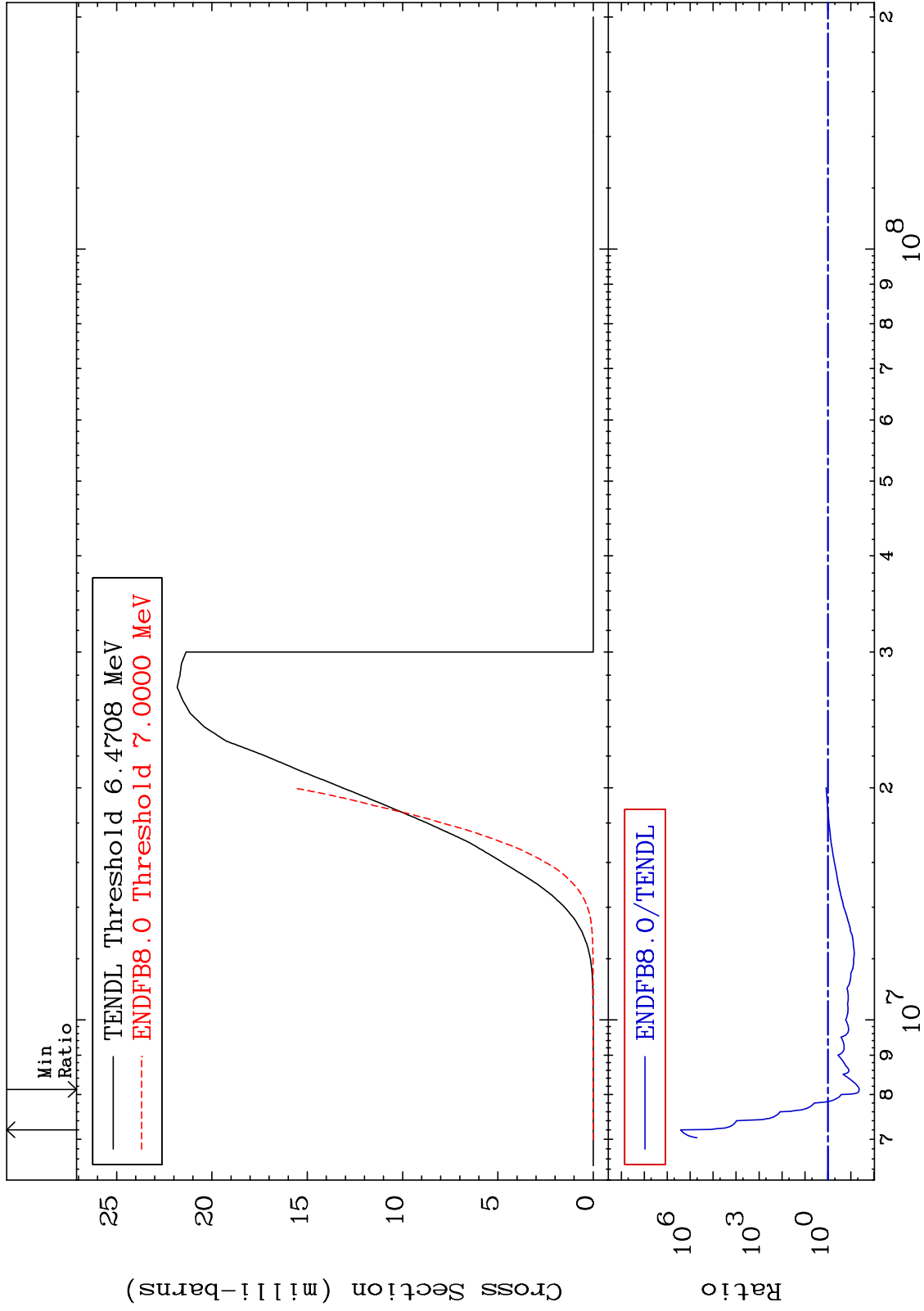
MAT 3731

(n,d)

37-Rb-87

Cross Section

-95.62 To 9999. %



19

Incident Energy (eV)

37-Rb-87

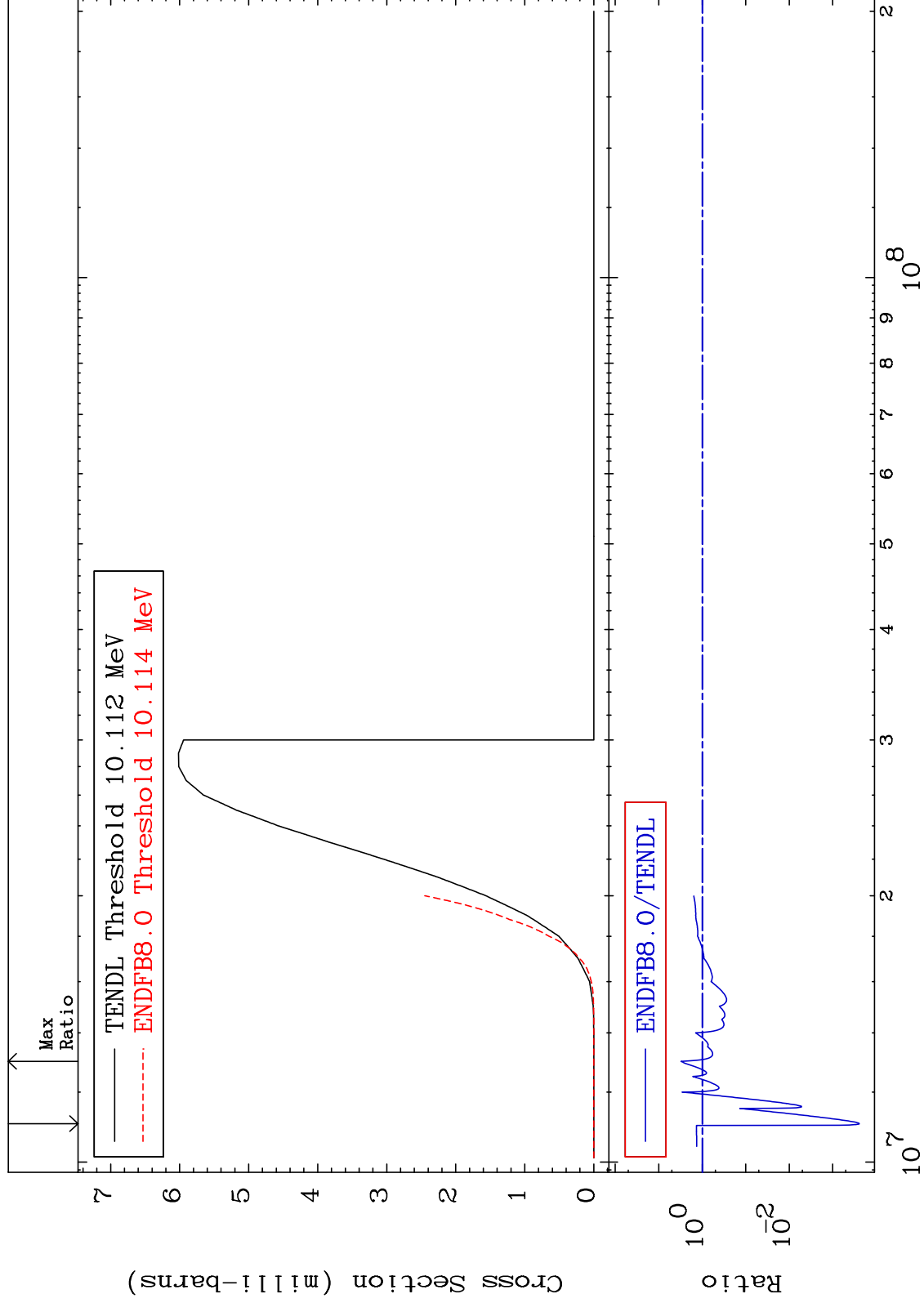
MAT 3731

(n, t)

37-Rb-87

Cross Section

-99.98 To 207.1 %



37-Rb-87

20

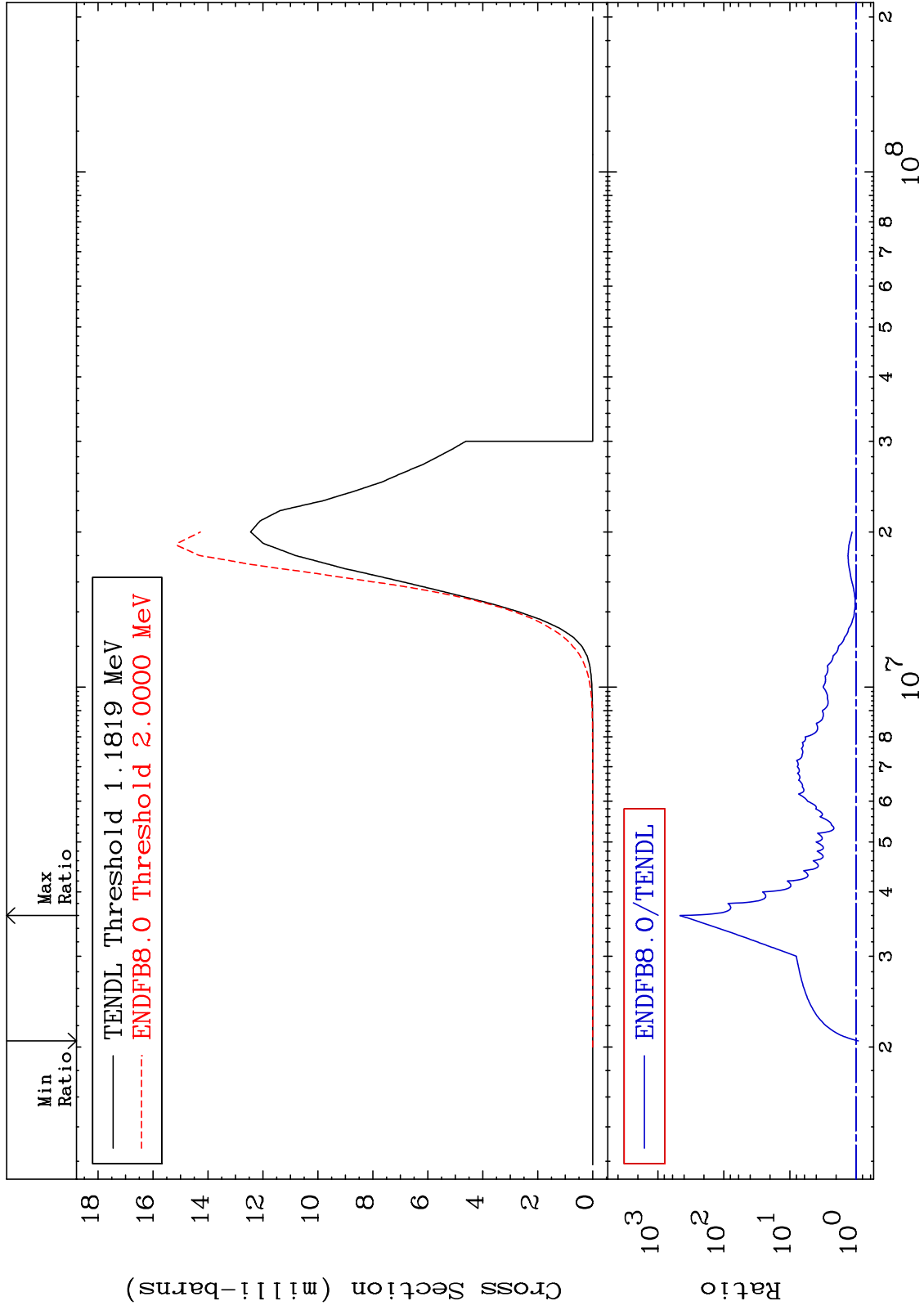
MAT 3731

(n, α)

37-Rb-87

Cross Section

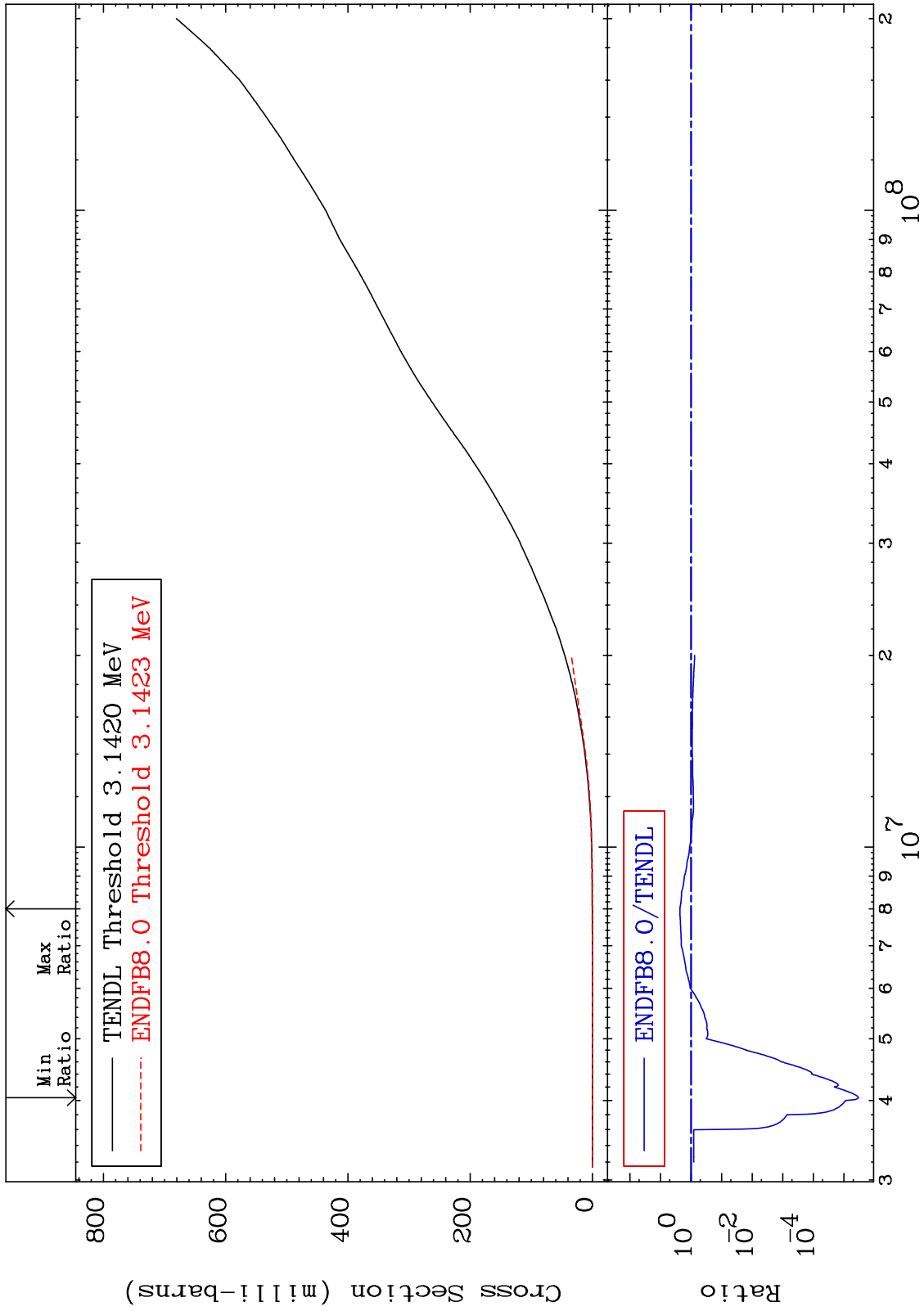
-8.054 To 9999. %



MAT 3731

Hydrogen Production
Cross Section

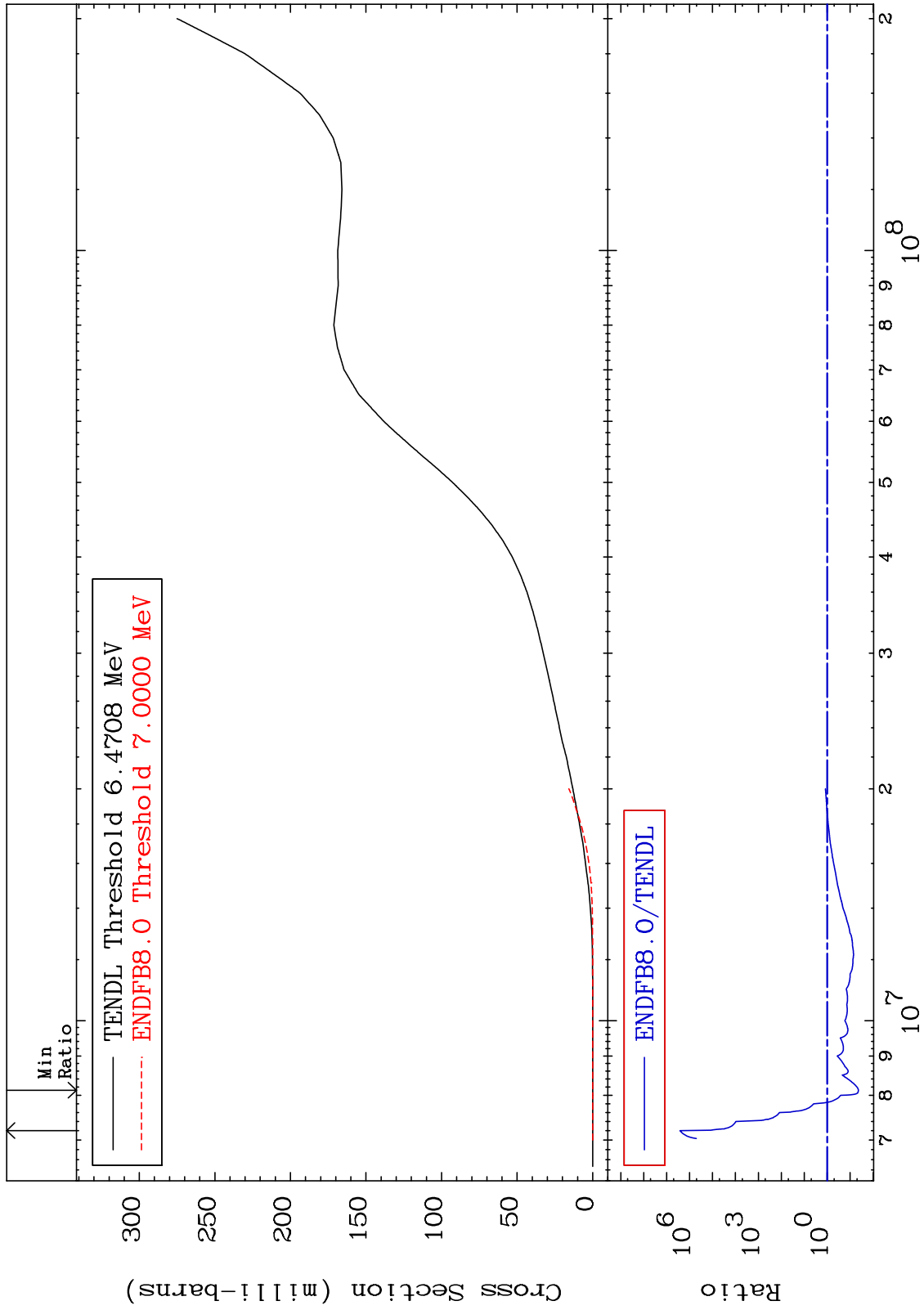
³⁷Rb-87
-100.0 To 133.9 %



MAT 3731

Deuterium Production
Cross Section

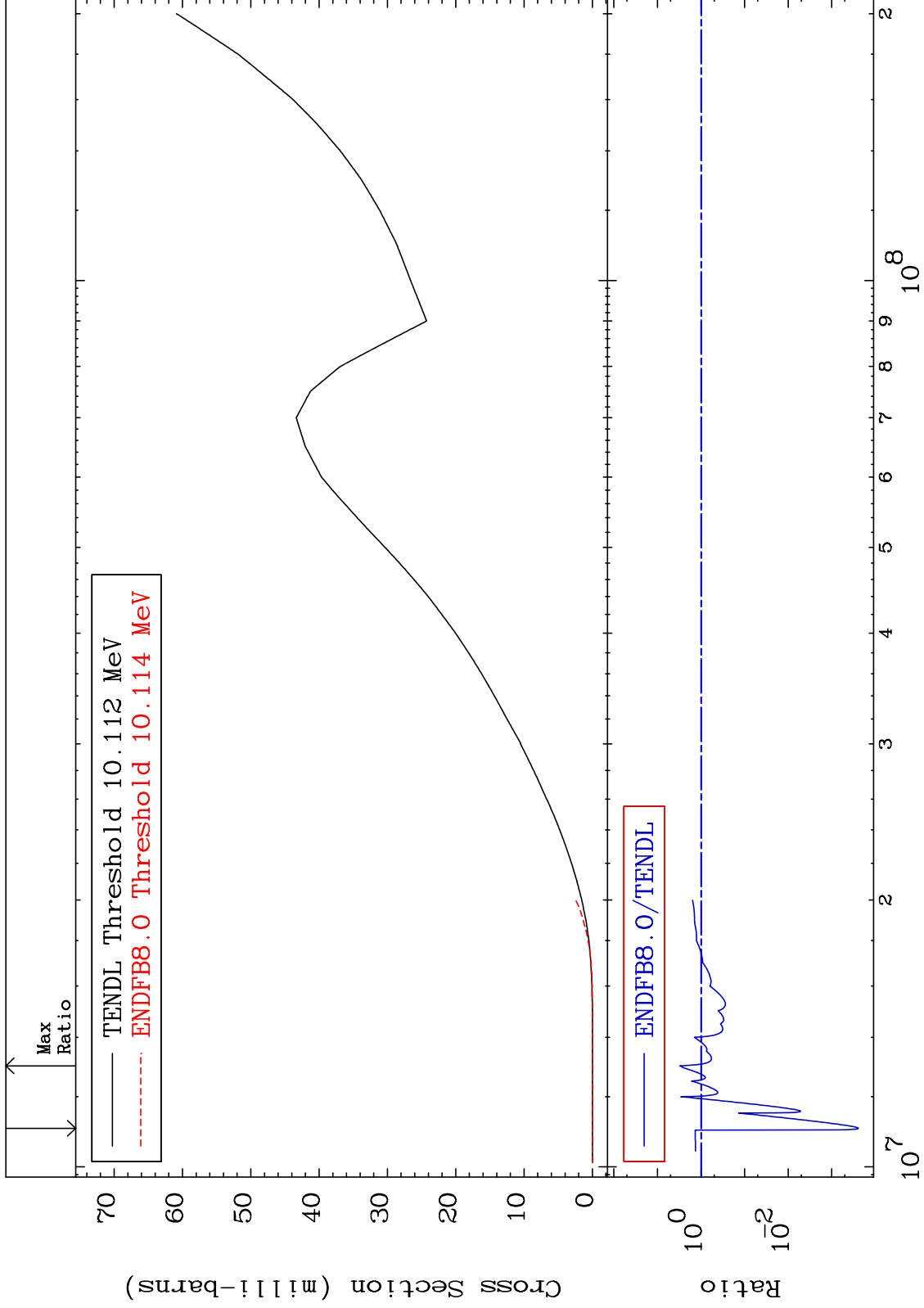
³⁷Rb-87
-95.62 To 9999. %



MAT 3731

Tritium Production
Cross Section

³⁷Rb-87
-99.98 To 207.1 %



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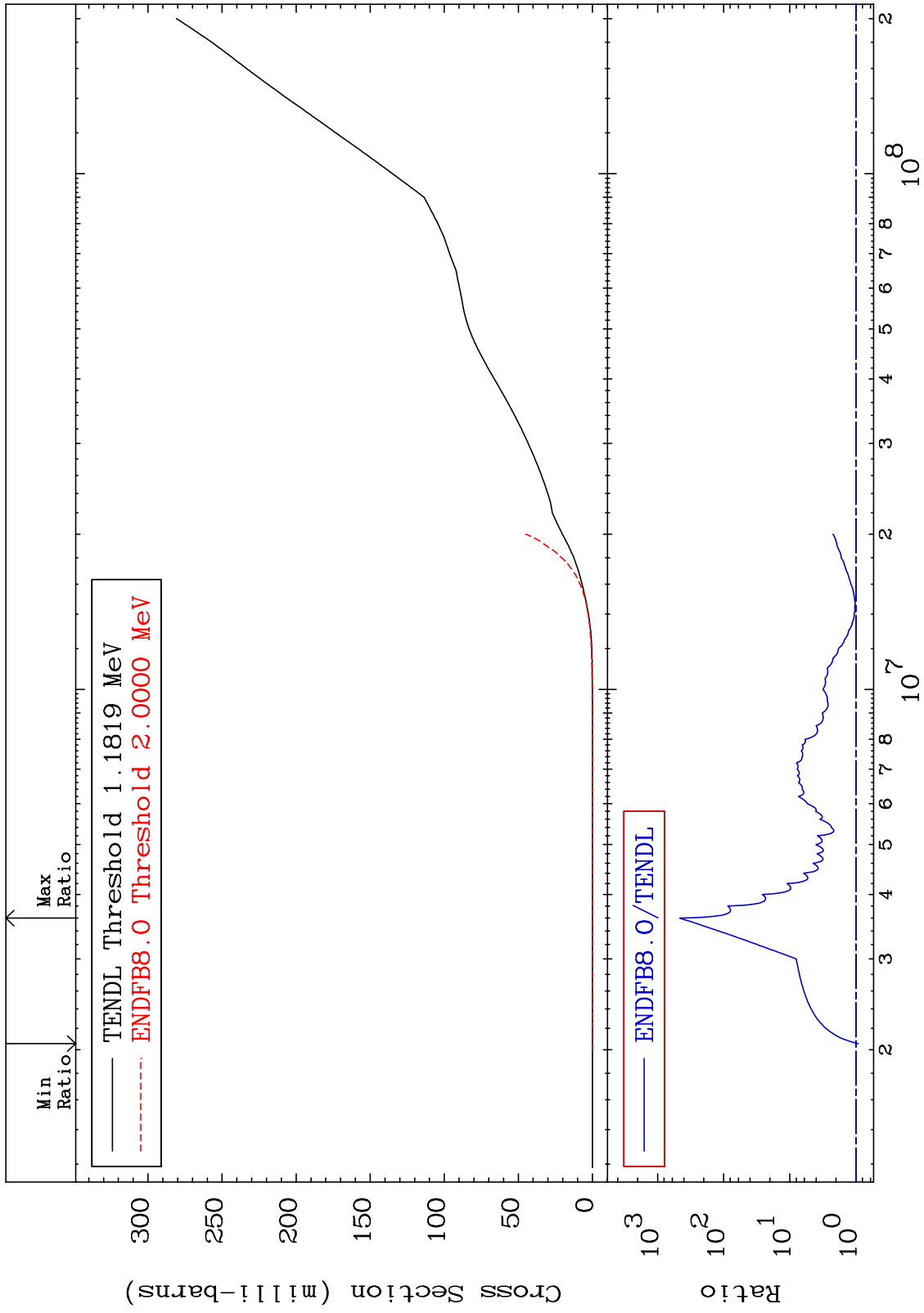
Incident Energy (eV)

³⁷Rb-87

MAT 3731

He-4 Production
Cross Section

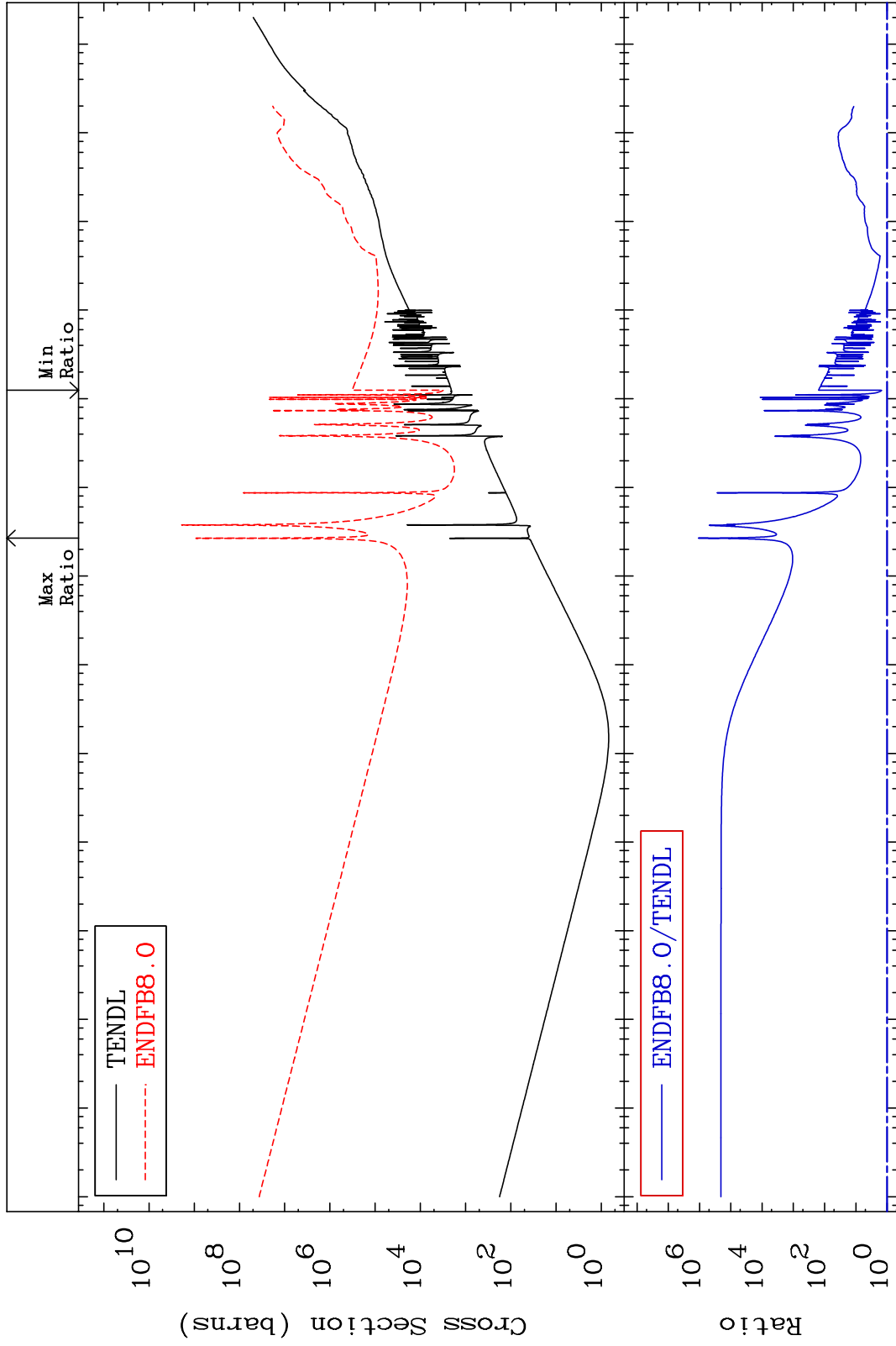
³⁷Rb-87
-8.054 To 9999. %



MAT 3731

Kerma total (eV-barns)
Cross Section

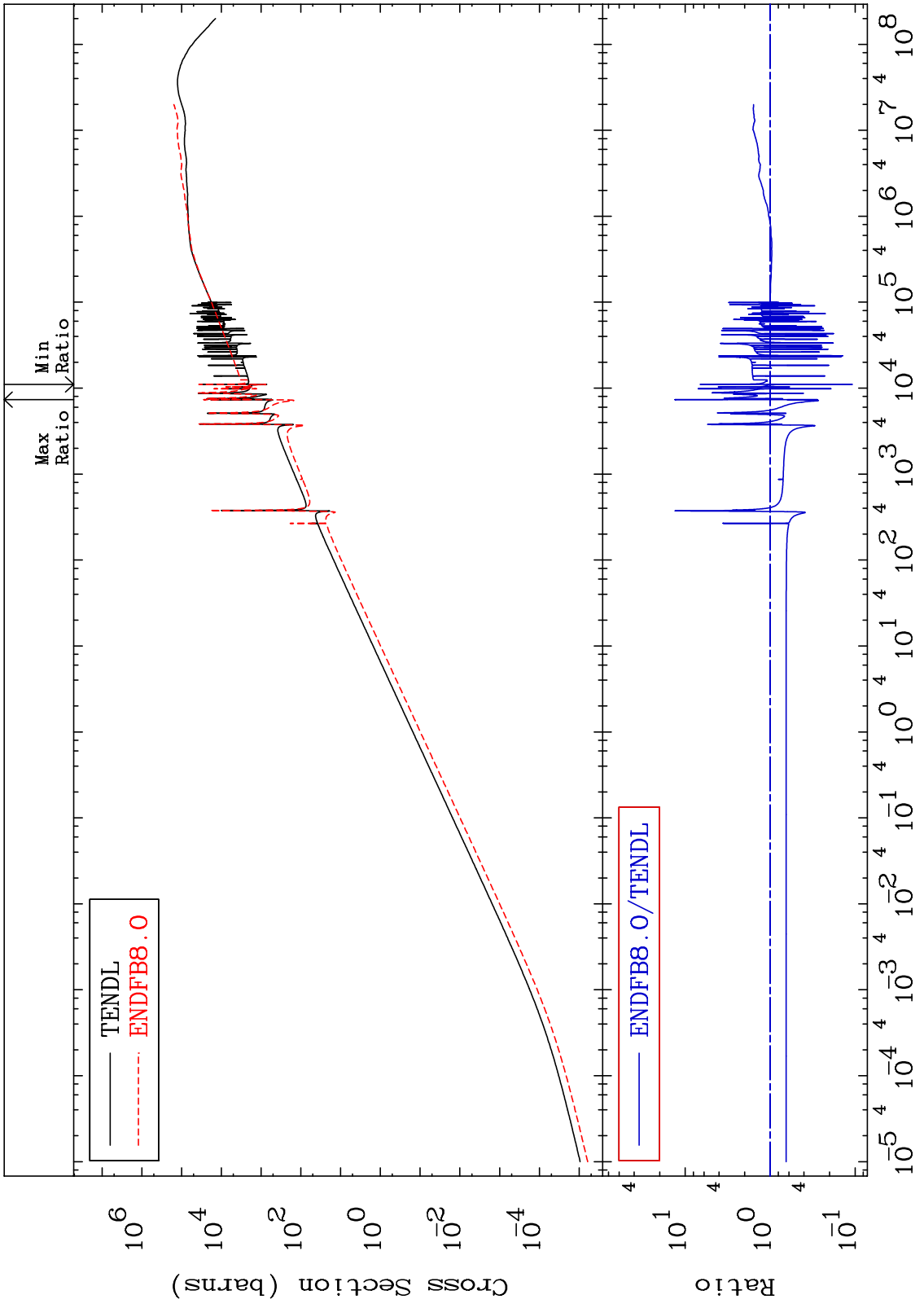
50.84 To 9999. %
37-Rb-87



MAT 3731

Kerma elastic
Cross Section

37-Rb-87
-89.18 To 1235. %



27

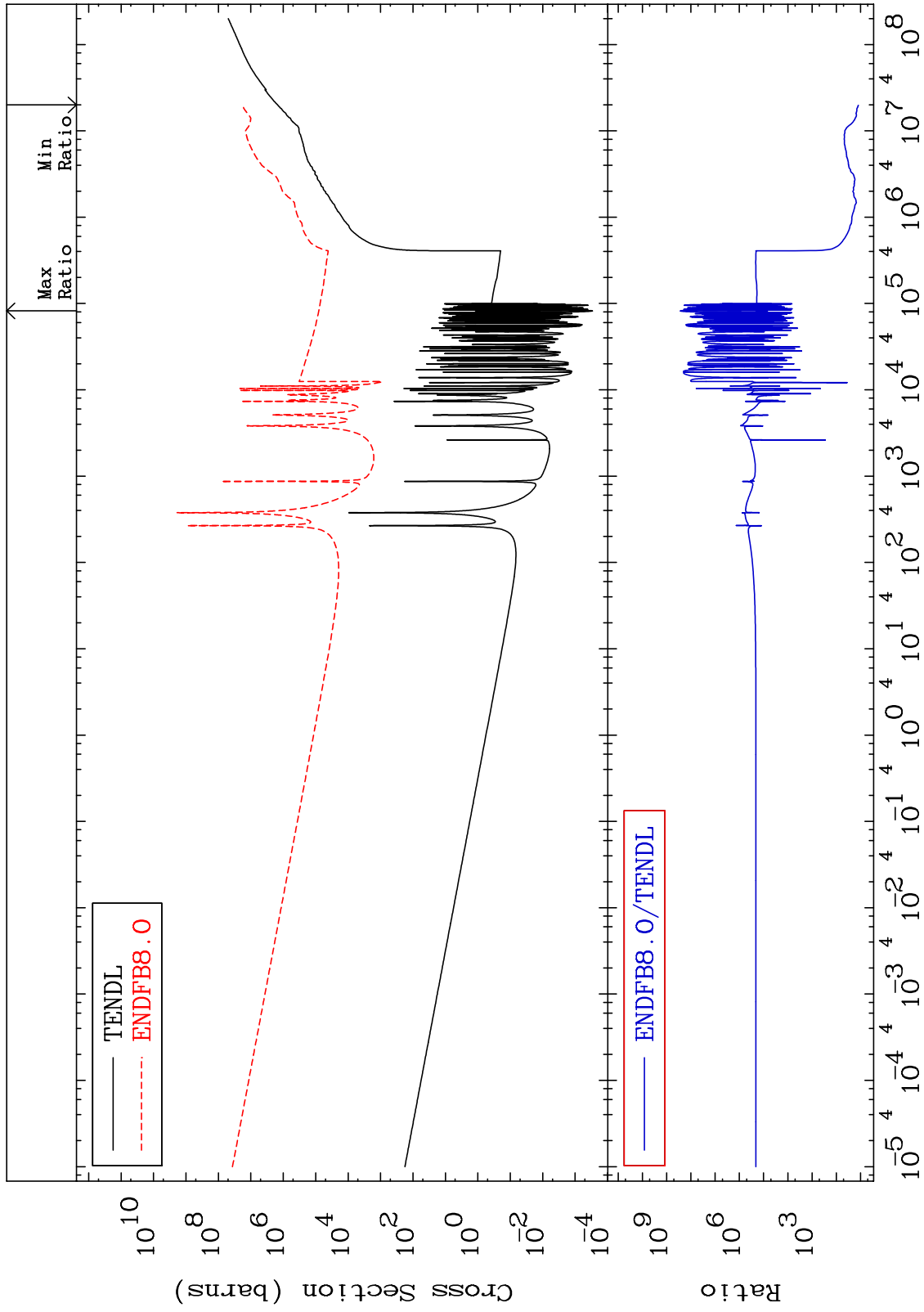
Incident Energy (eV)

37-Rb-87

MAT 3731

Kerma non-elastic (all but mt2)
Cross Section

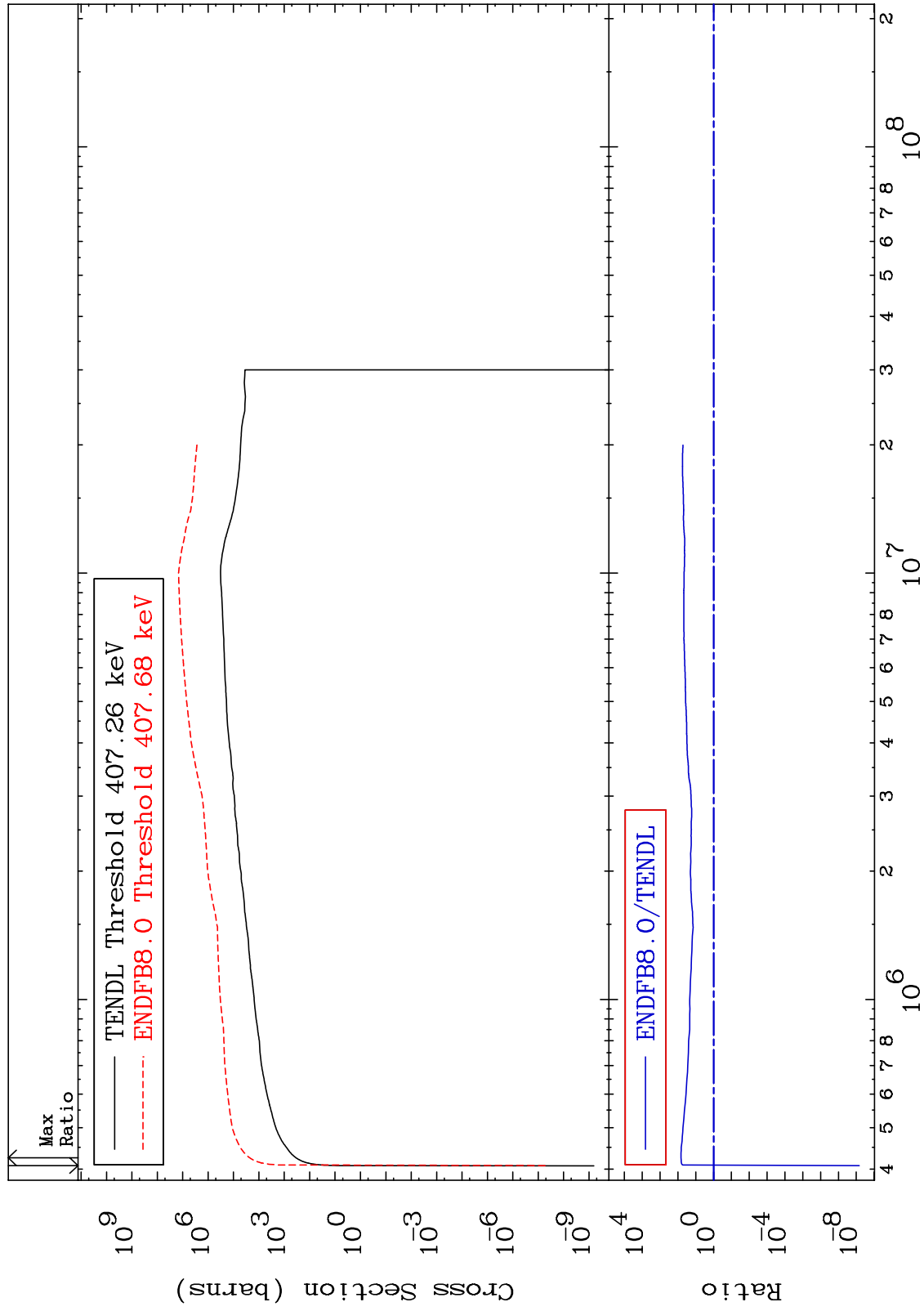
37-Rb-87
1125. To 9999. %



MAT 3731

Kerma inelastic (mt51-91)
Cross Section

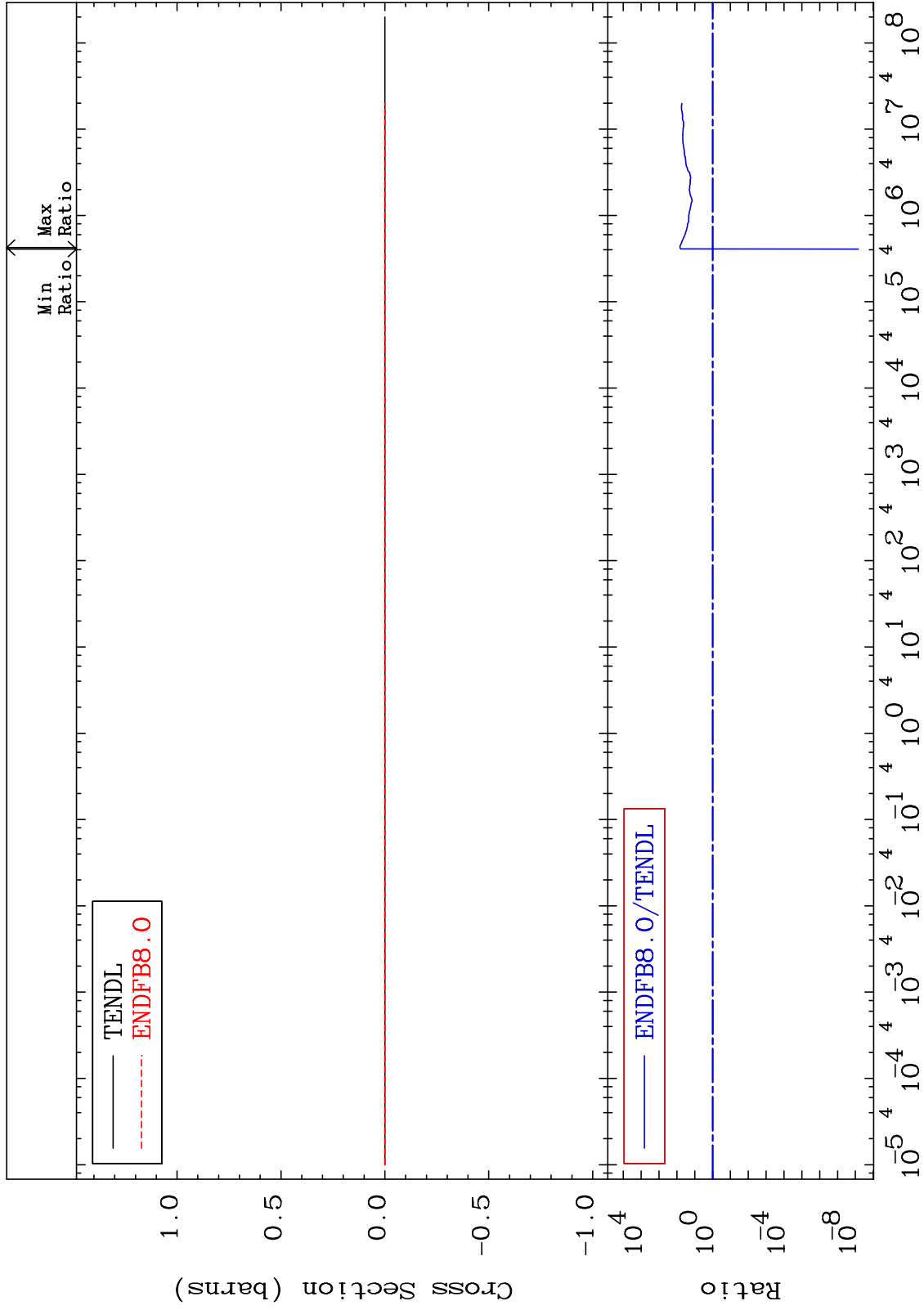
37-Rb-87
-100.0 To 6567. %



MAT 3731

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

37-Rb-87
-100.0 To 6567. %



30

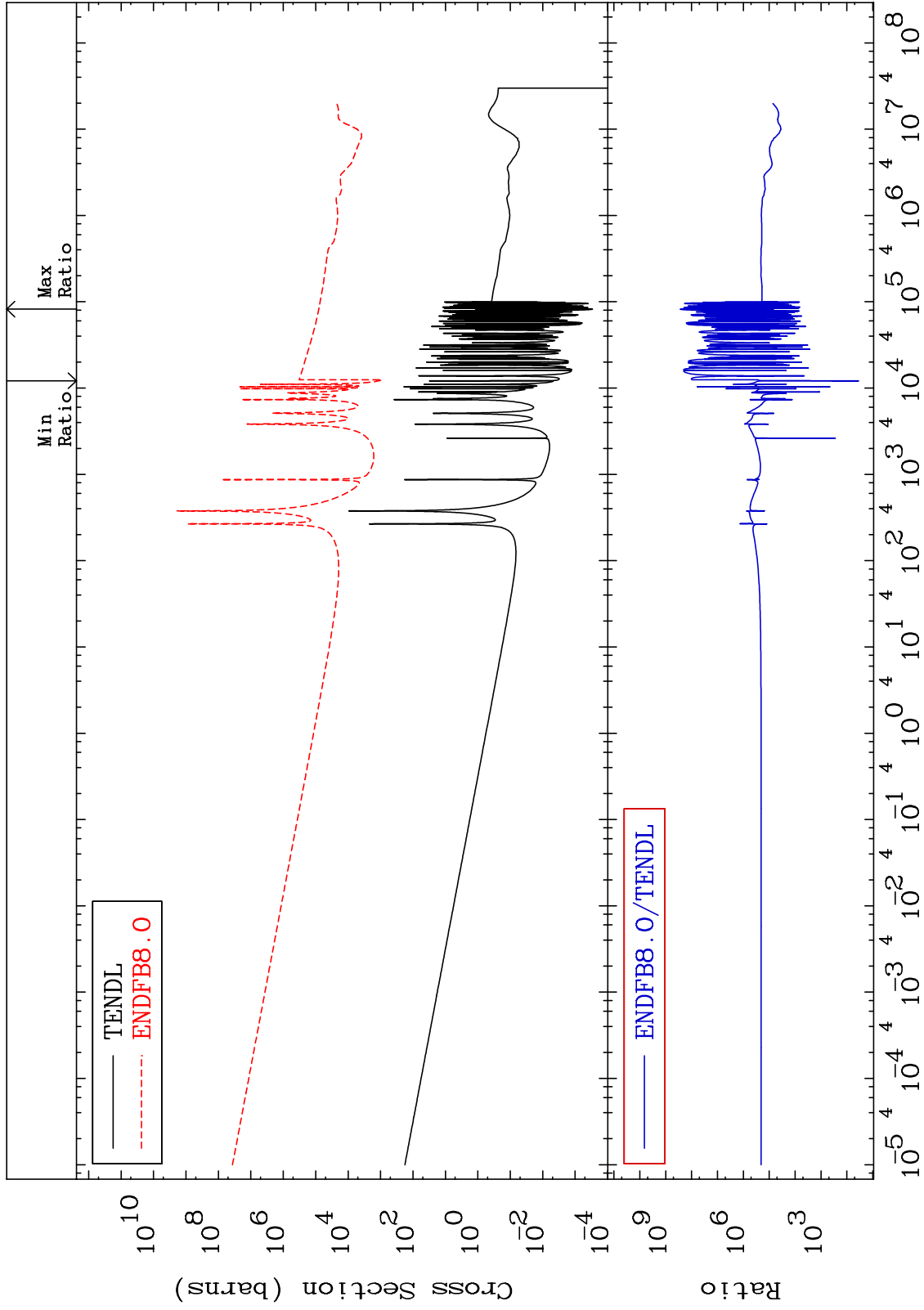
Incident Energy (eV)

37-Rb-87

MAT 3731

Kerma capture (mt102)
Cross Section

37-Rb-87
3495. To 9999. %



31

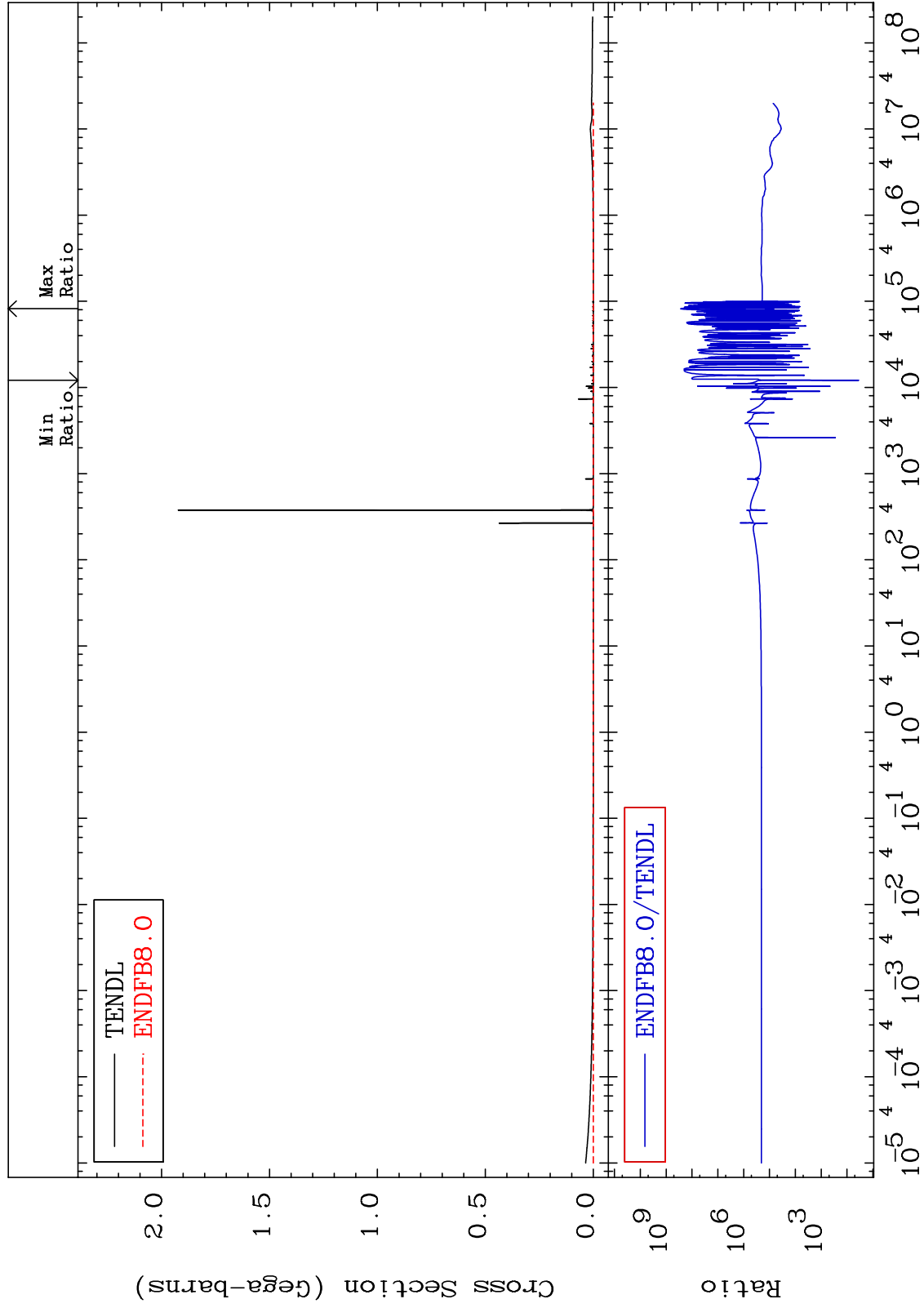
Incident Energy (eV)

37-Rb-87

MAT 3731

Total photon (eV-barns)
Cross Section

37-Rb-87
3495. To 9999. %



32

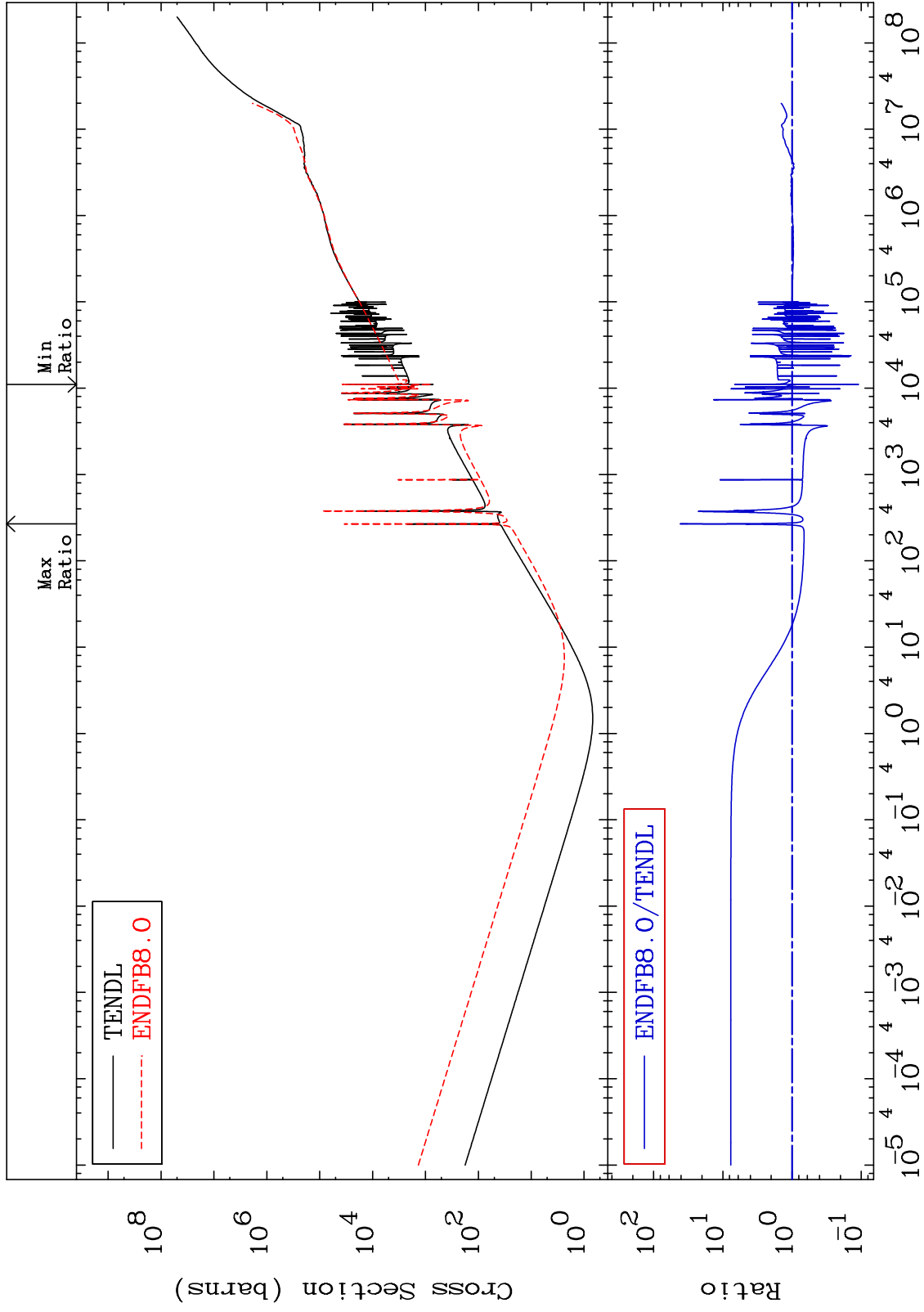
Incident Energy (eV)

37-Rb-87

MAT 3731

Total kinematic kerma (high limit)
Cross Section

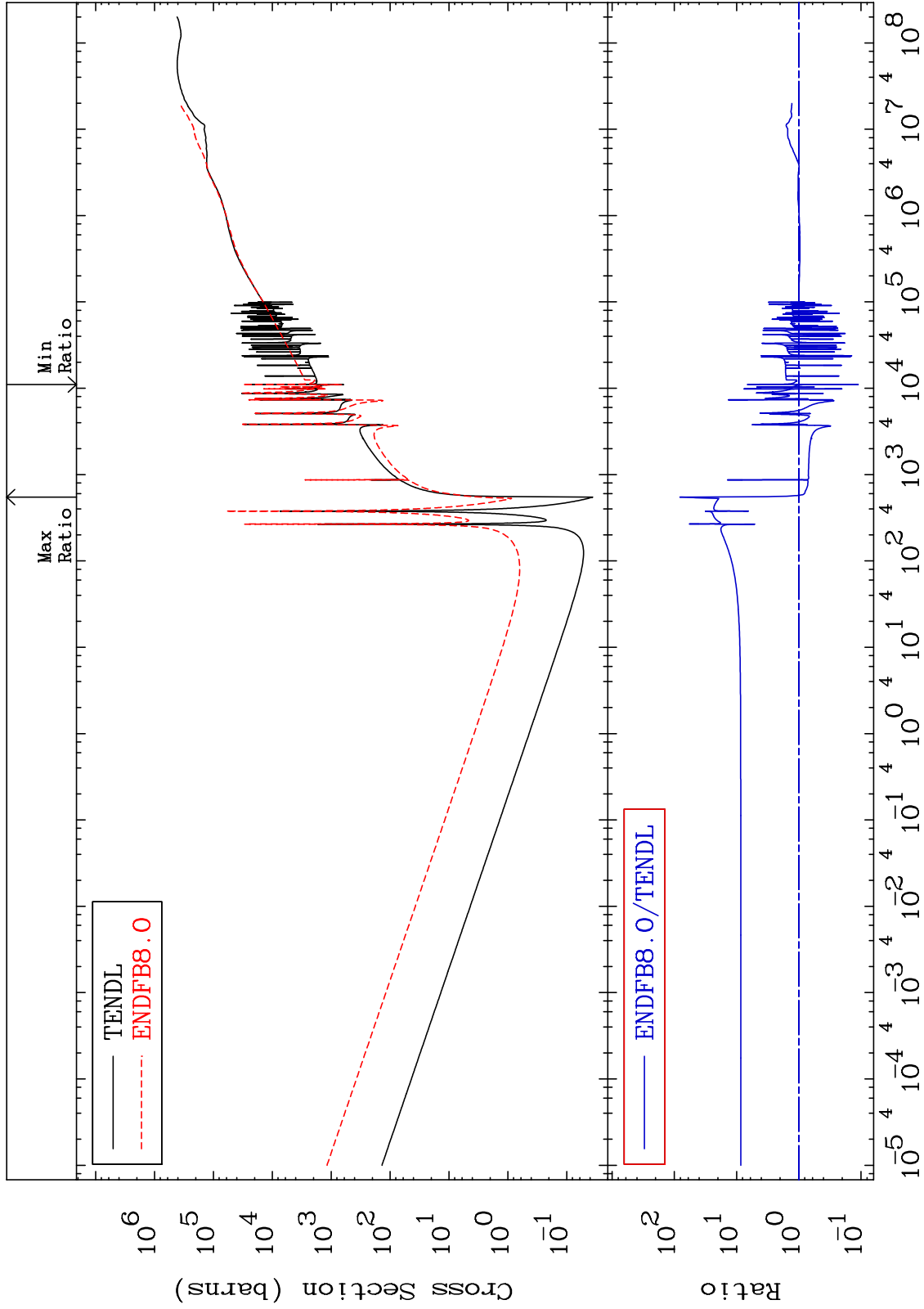
37-Rb-87
-88.99 To 4051. %



MAT 3731

Dpa total (eV-barns)
Cross Section

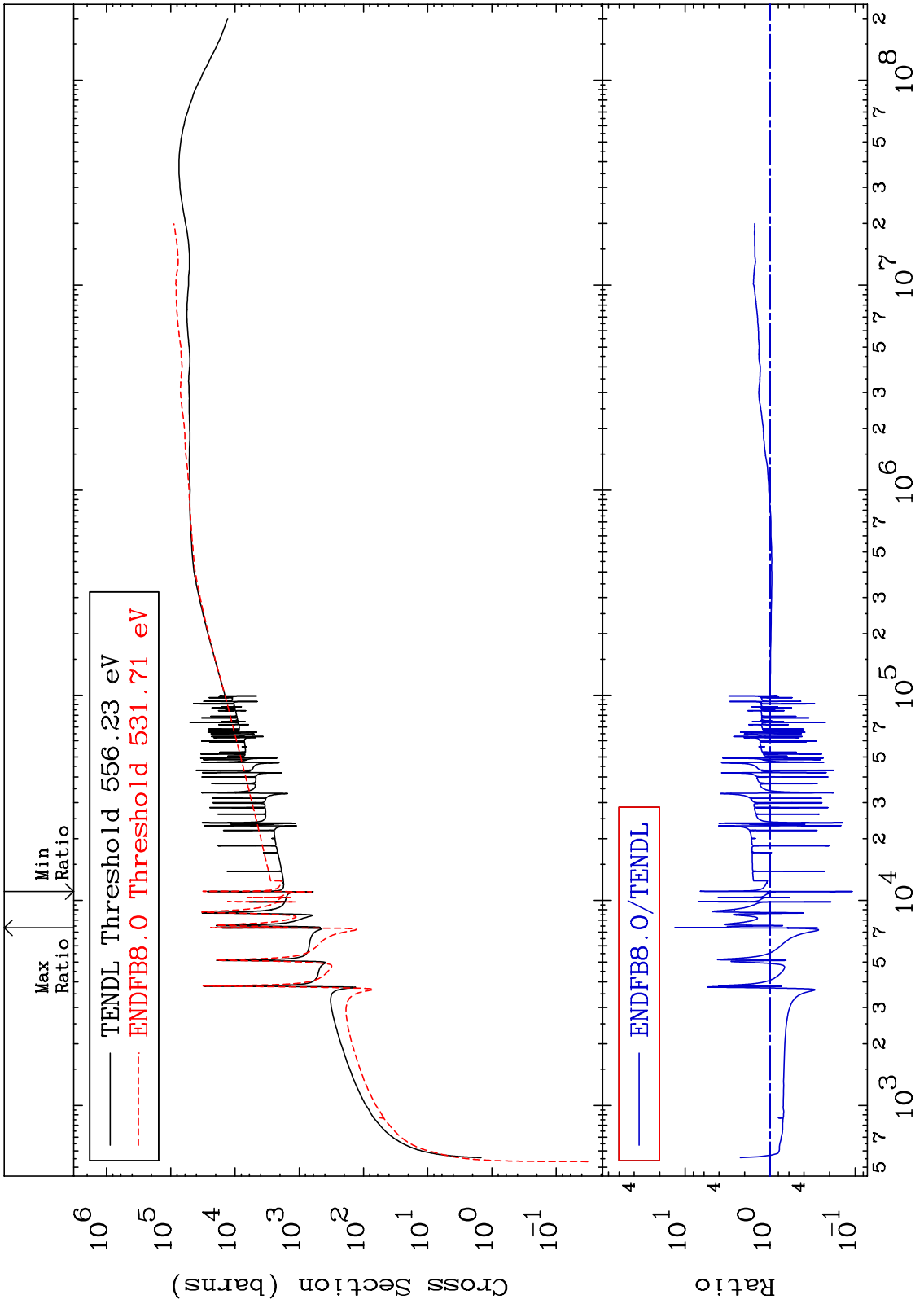
37-Rb-87
-88.99 To 8005. %



MAT 3731

Dpa elastic (mt2)
Cross Section

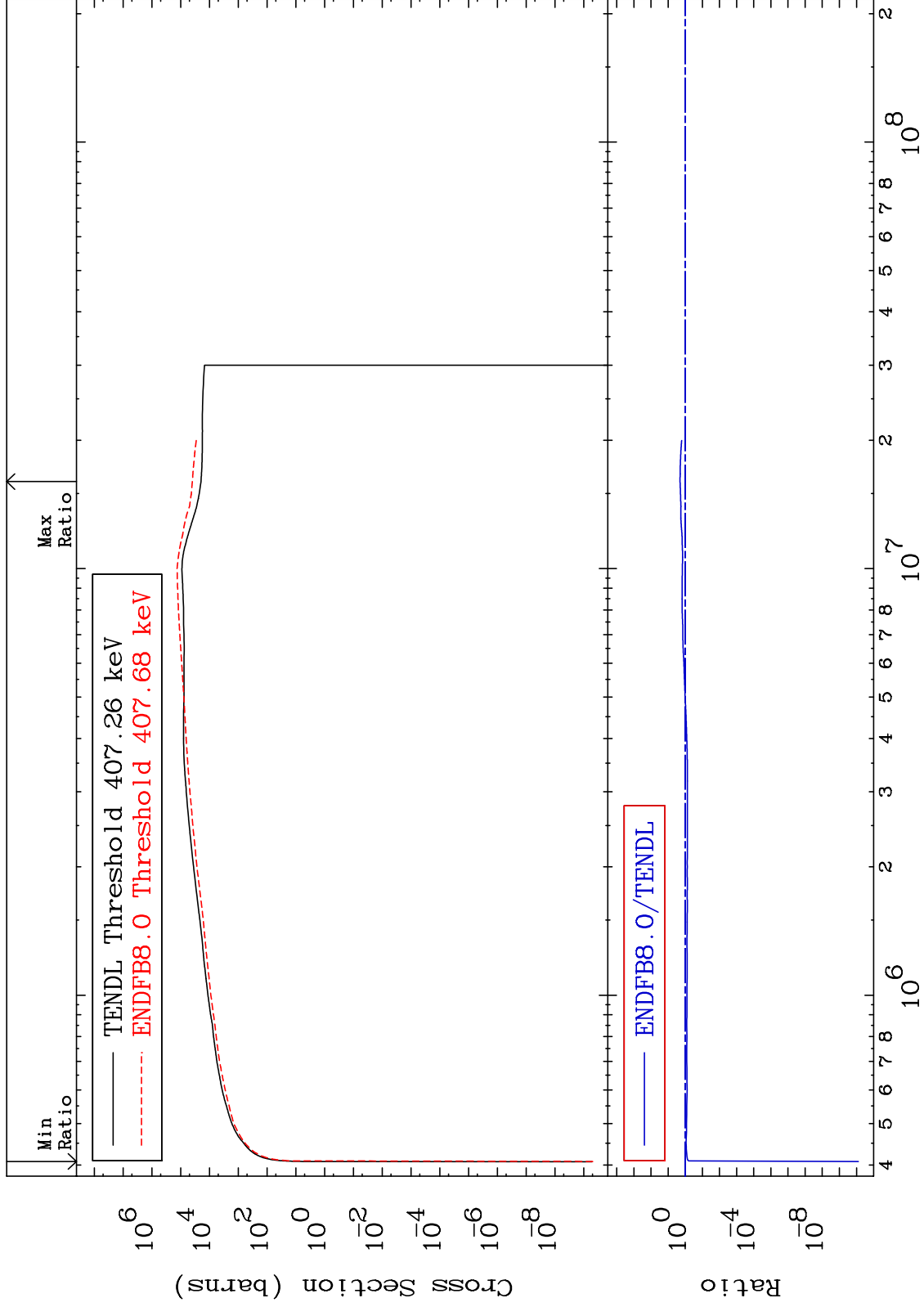
37-Rb-87
-89.18 To 1235. %



MAT 3731

Dpa inelastic (mt51-91)
Cross Section

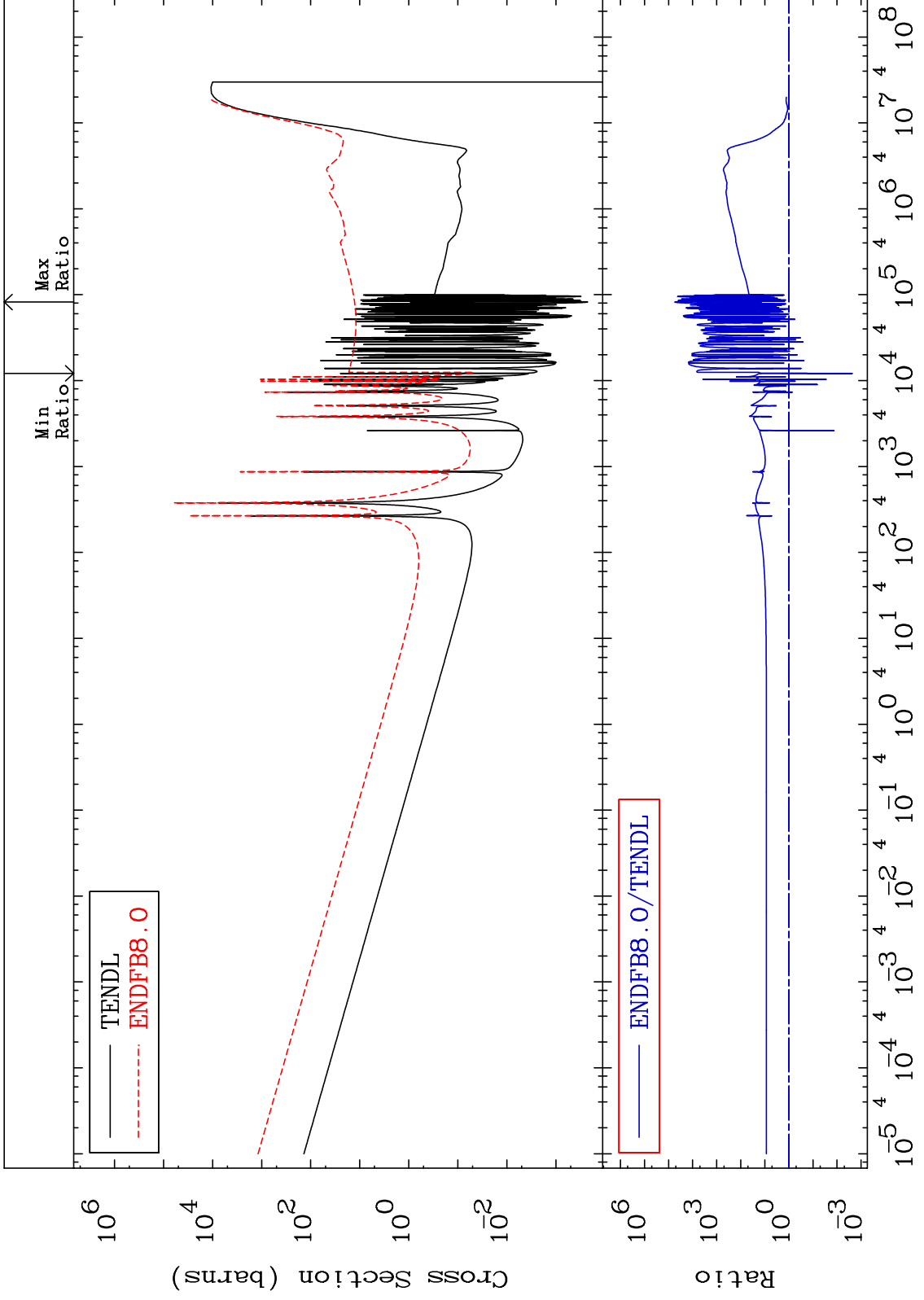
37-Rb-87
-100.0 To 101.1 %



MAT 3731

Dpa disappearance (mt102 -120)
Cross Section

37-Rb-87
-99.77 To 9999. %



37

Incident Energy (eV)

37-Rb-87