

Program Complot  
(Version 2018-1)

by

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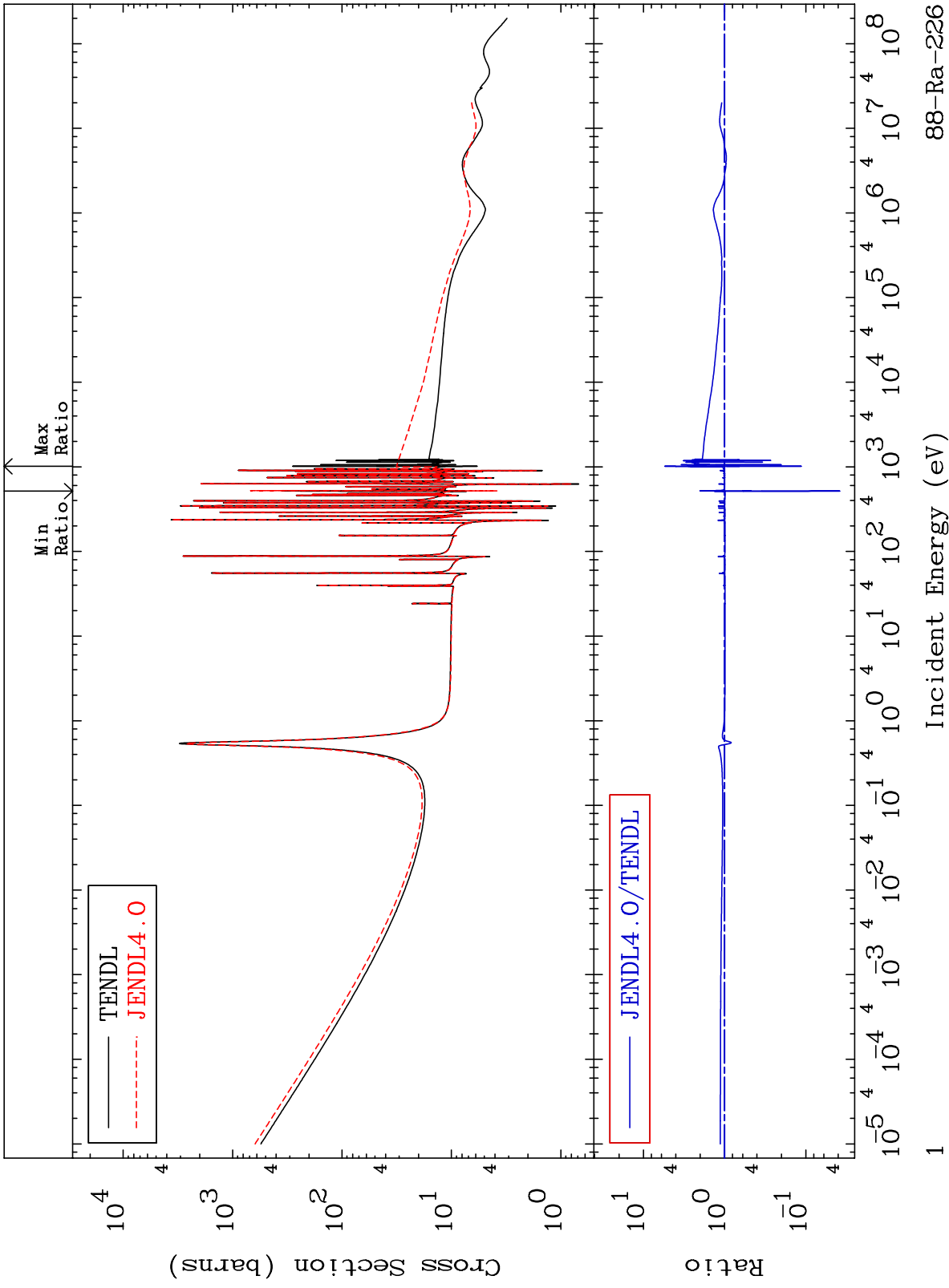
Press Mouse Button to Start

MAT 8834

Total  
Cross Section

88-Ra-226

-96.17 To 446.9 %



88-Ra-226

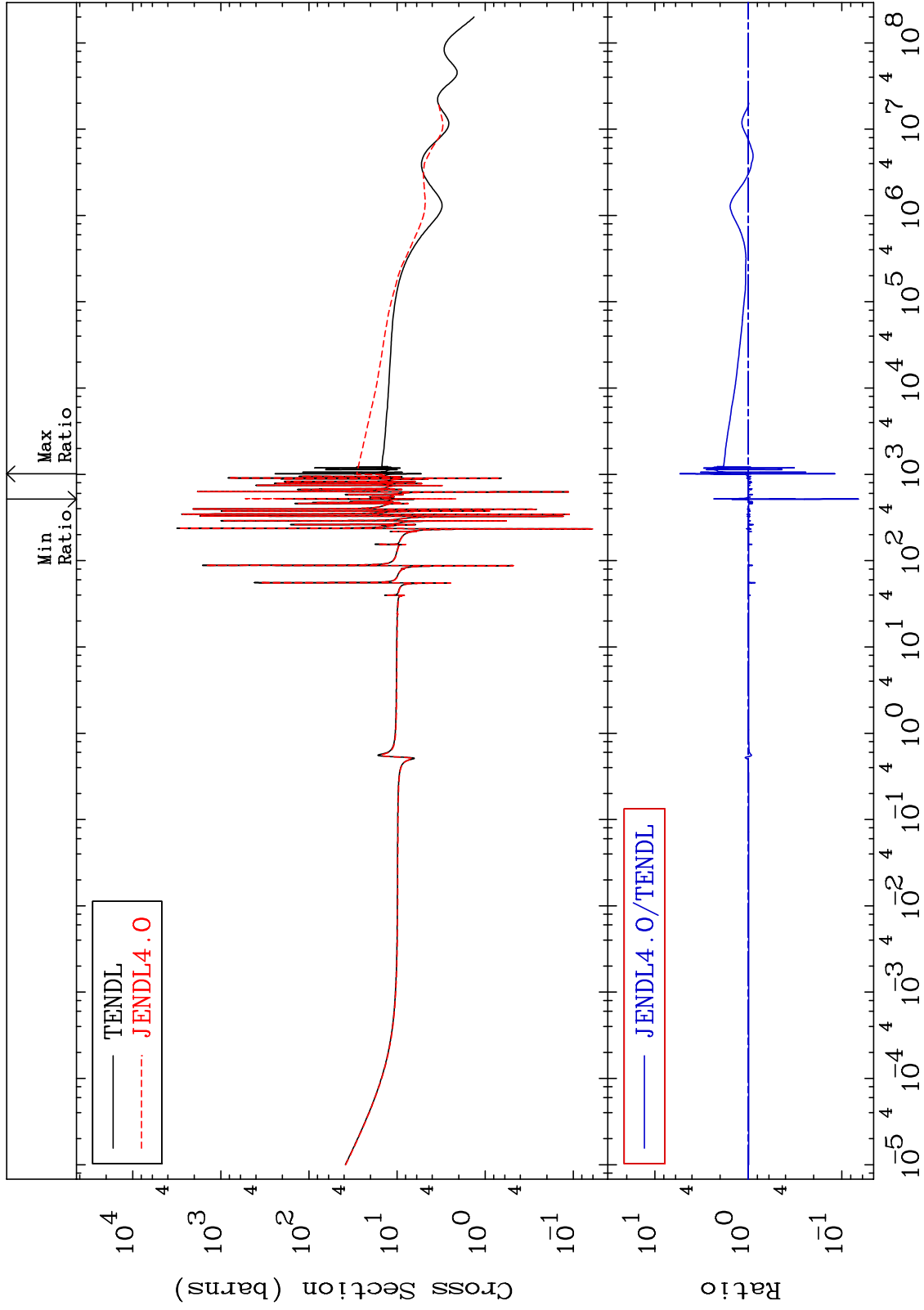
MAT 8834

Elastic

Cross Section

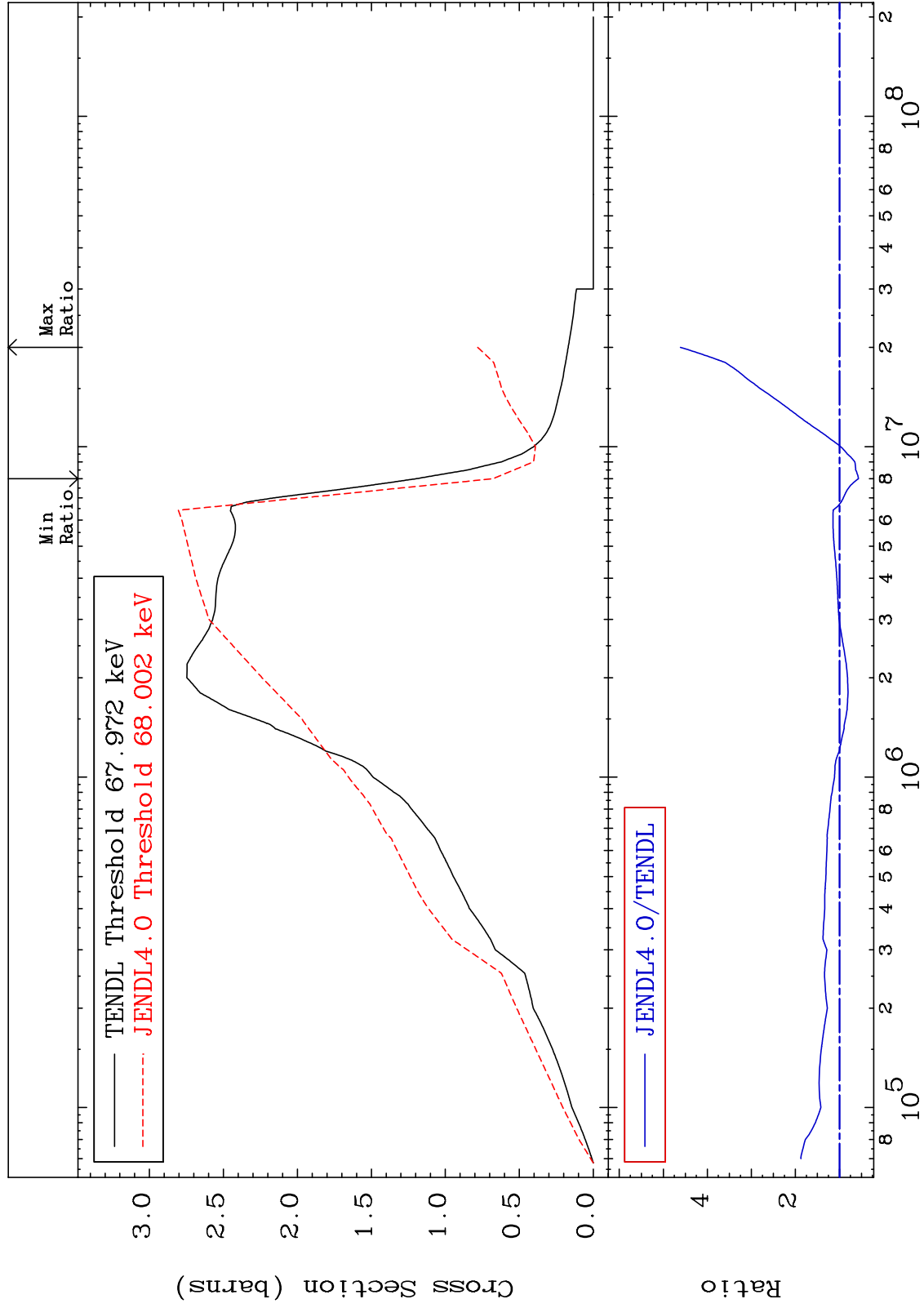
88-Ra-226

-93.37 To 438.0 %



MAT 8834

Inelastic Cross Section  
88-Ra-226  
-43.34 To 361.1 %



88-Ra-226

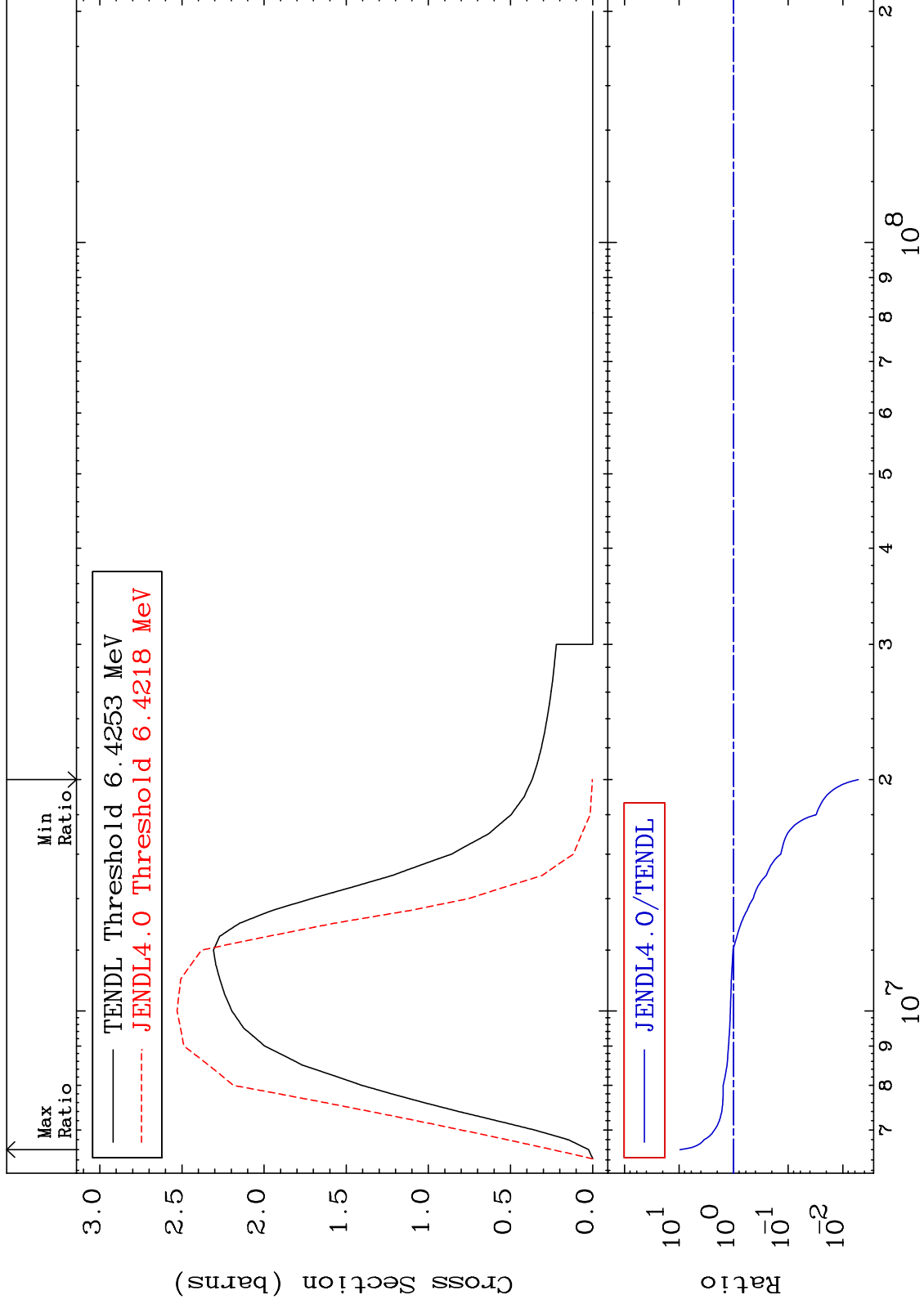
MAT 8834

(n, 2n)

88-Ra-226

Cross Section

-99.48 To 864.1 %



MAT 8834

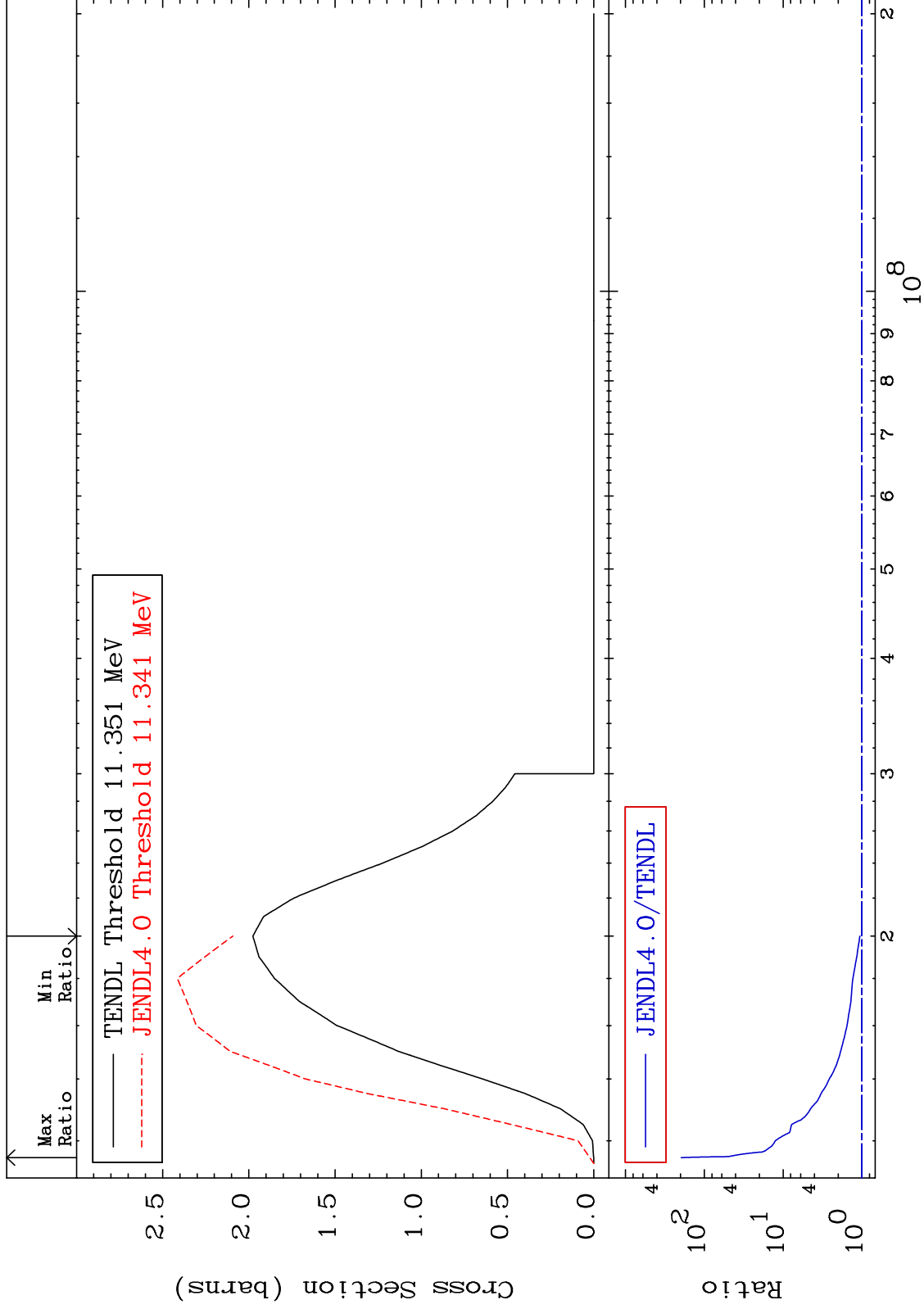
(n,3n)

88-Ra-226

Cross Section

5.881

To 9999. %



88-Ra-226

5.881

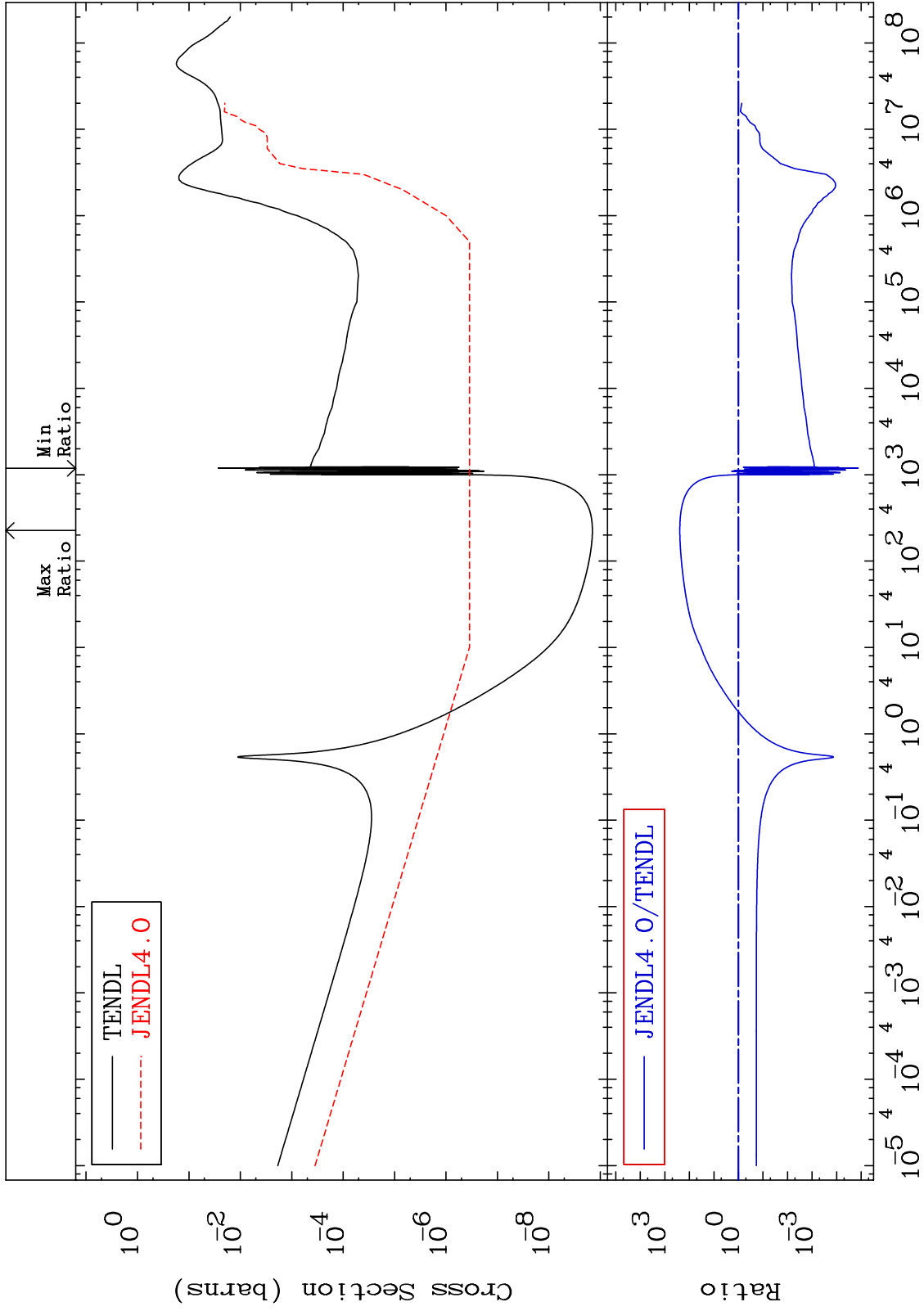
5

MAT 8834

Fission

88-Ra-226

Cross Section -100.0 To 9999. %



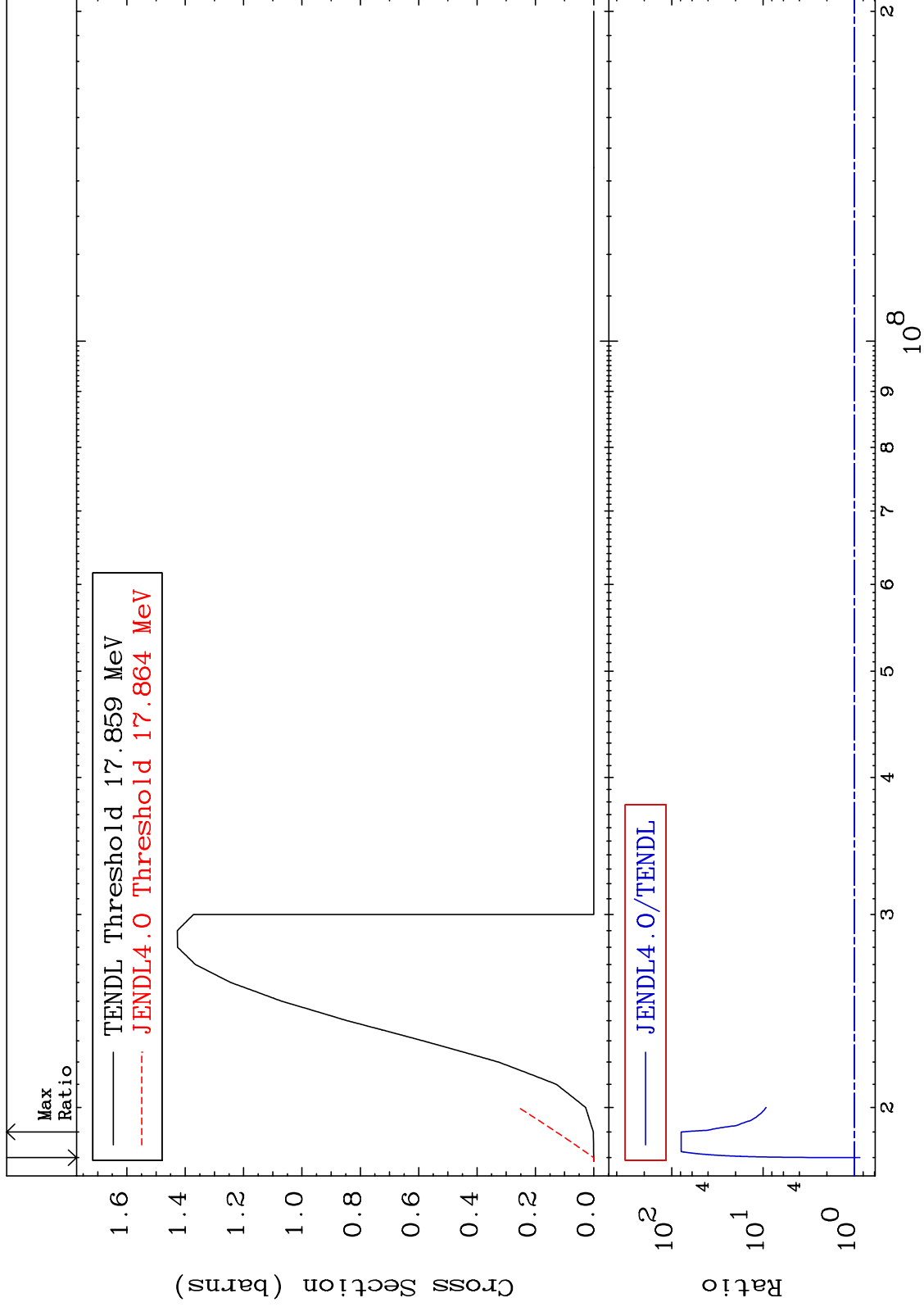
MAT 8834

(n, 4n)

88-Ra-226

Cross Section

-13.08 To 7769. %

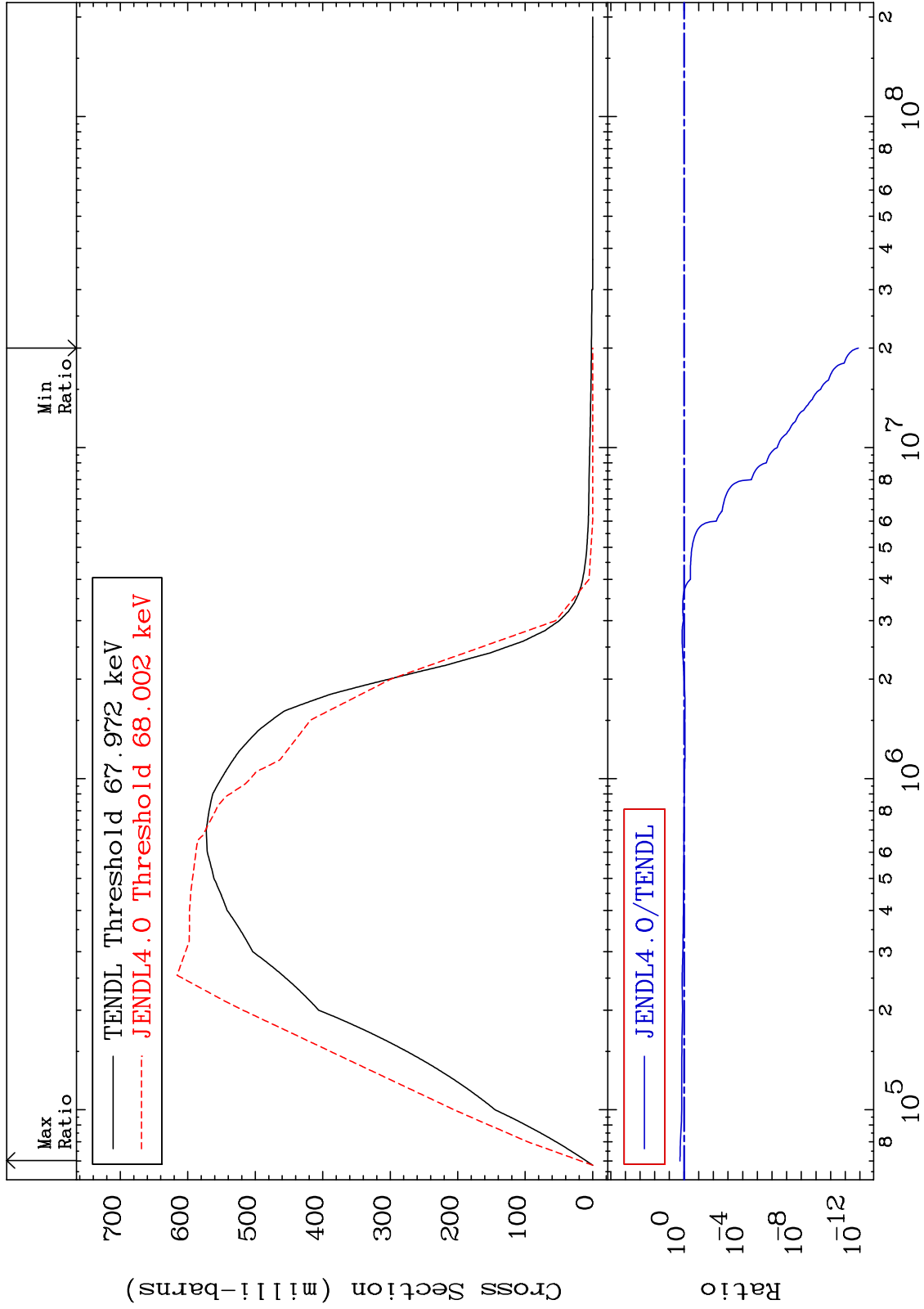




MAT 8834

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

88-Ra-226  
-100.0 To 87.58 %



8

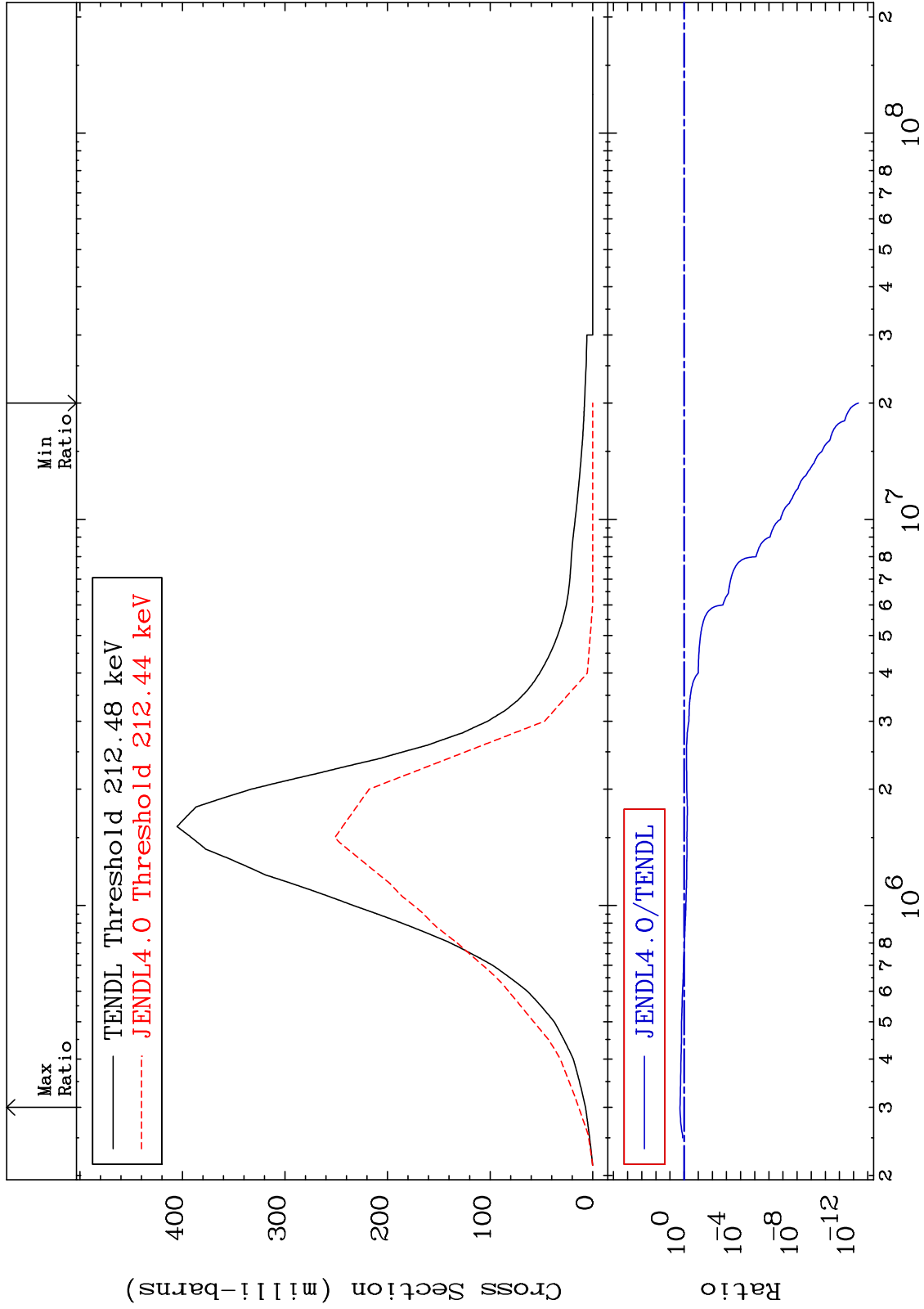
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226  
-100.0 To 94.68 %



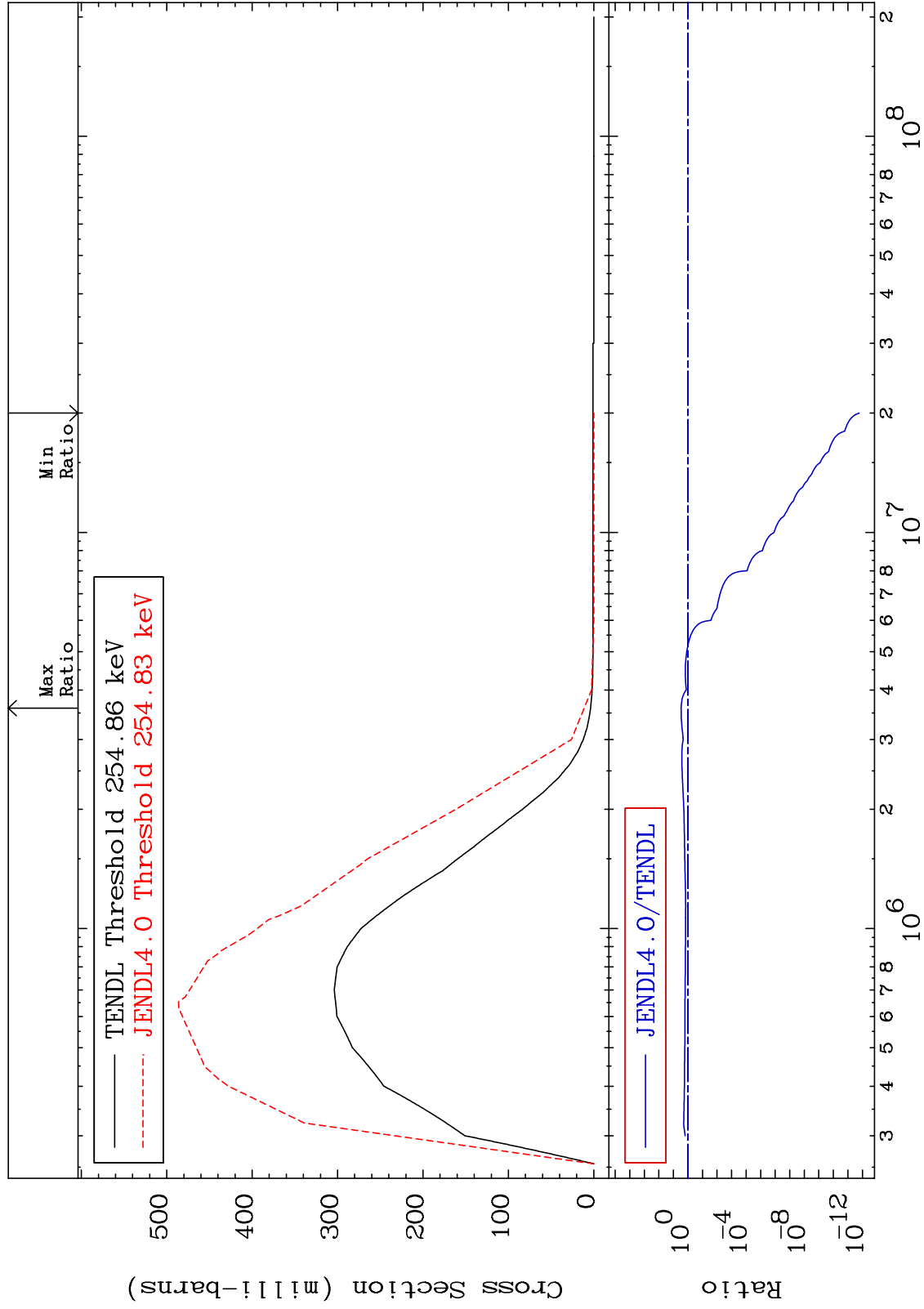
MAT 8834

MT= 53 (n,n') Level

88-Ra-226

-100.0 To 197.8 %

Cross Section

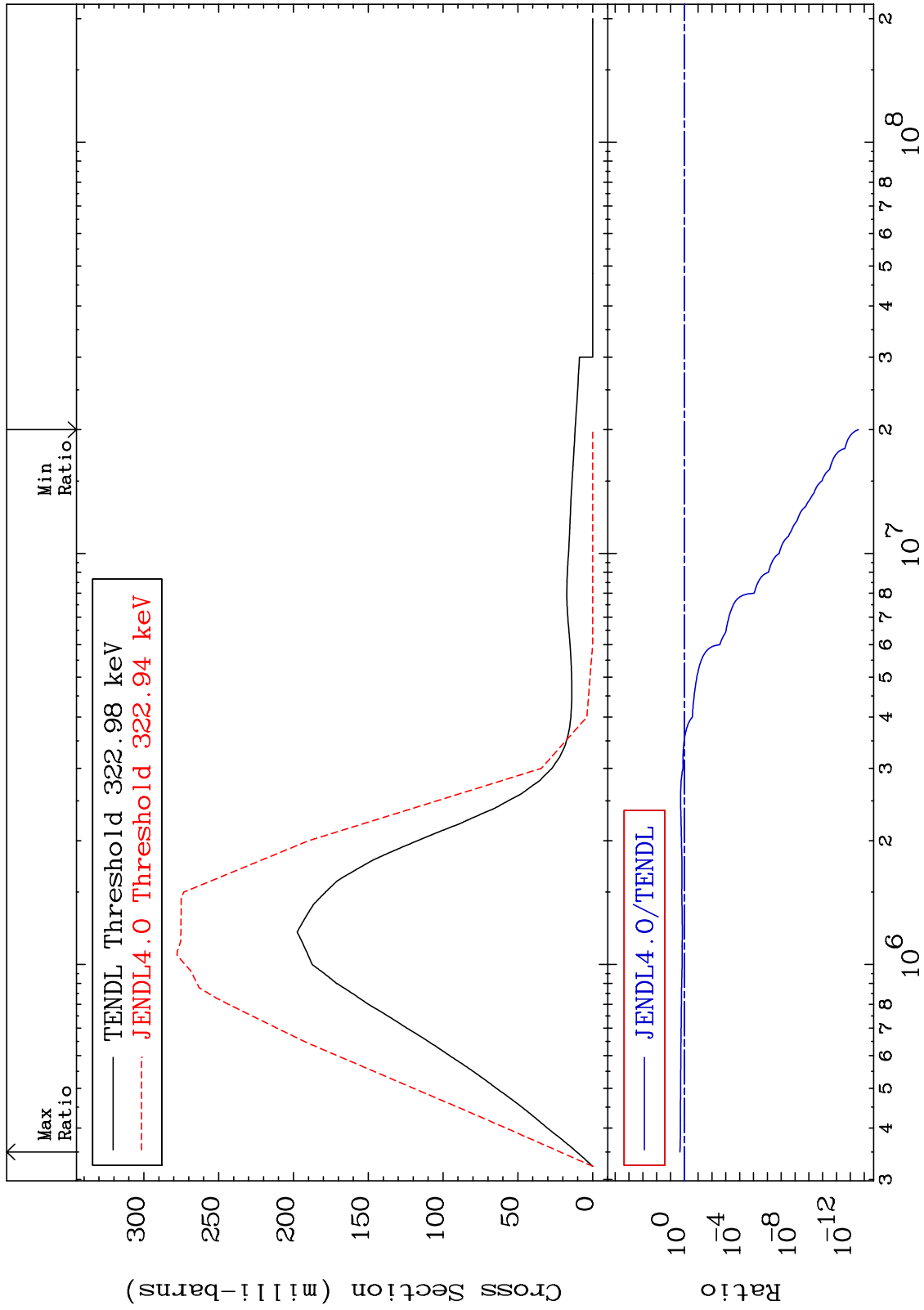


10

Incident Energy (eV)

88-Ra-226

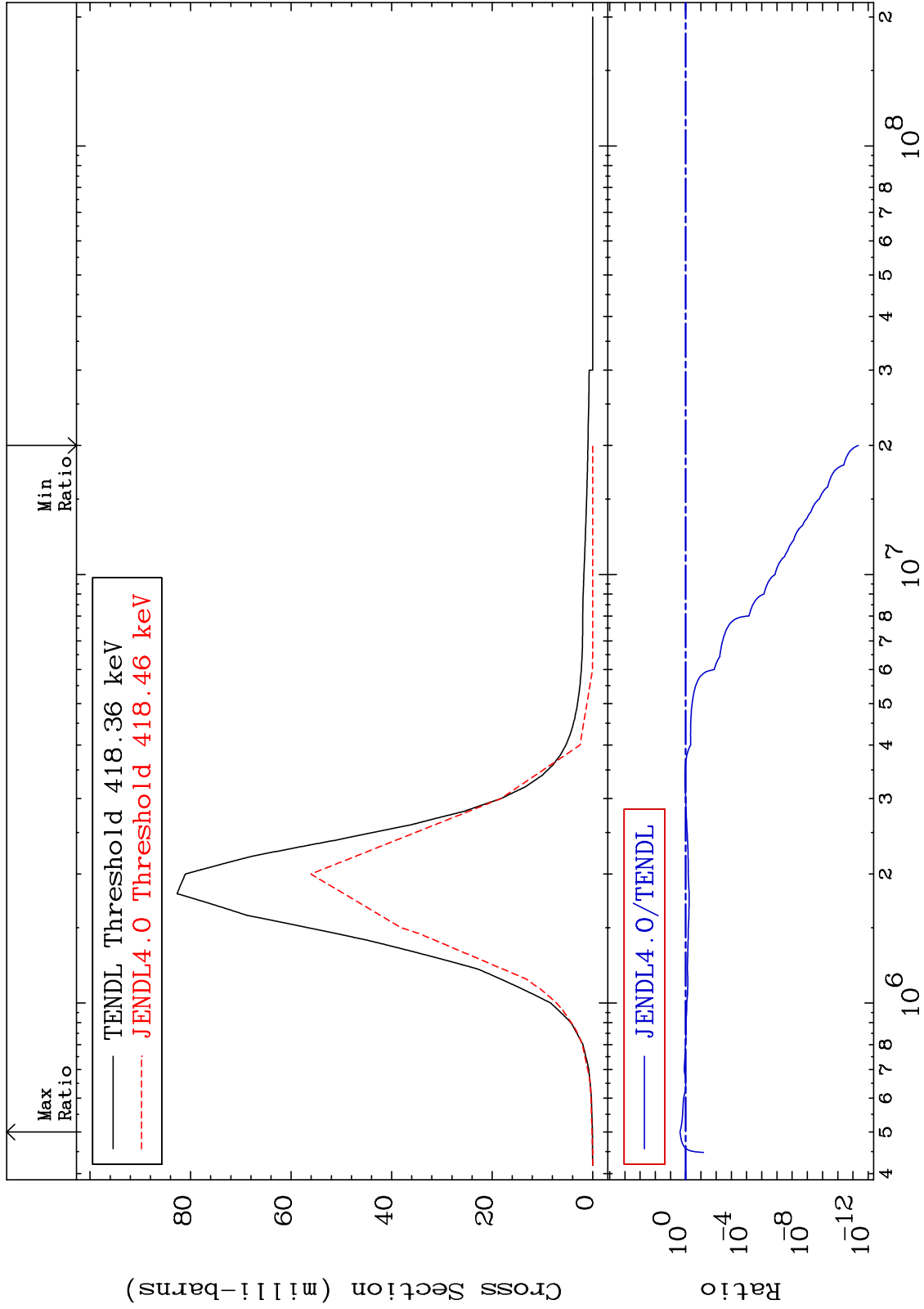
MAT 8834      MT= 54 (n,n') Level      88-Ra-226  
 Cross Section      -100.0 To 104.8 %



MAT 8834

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

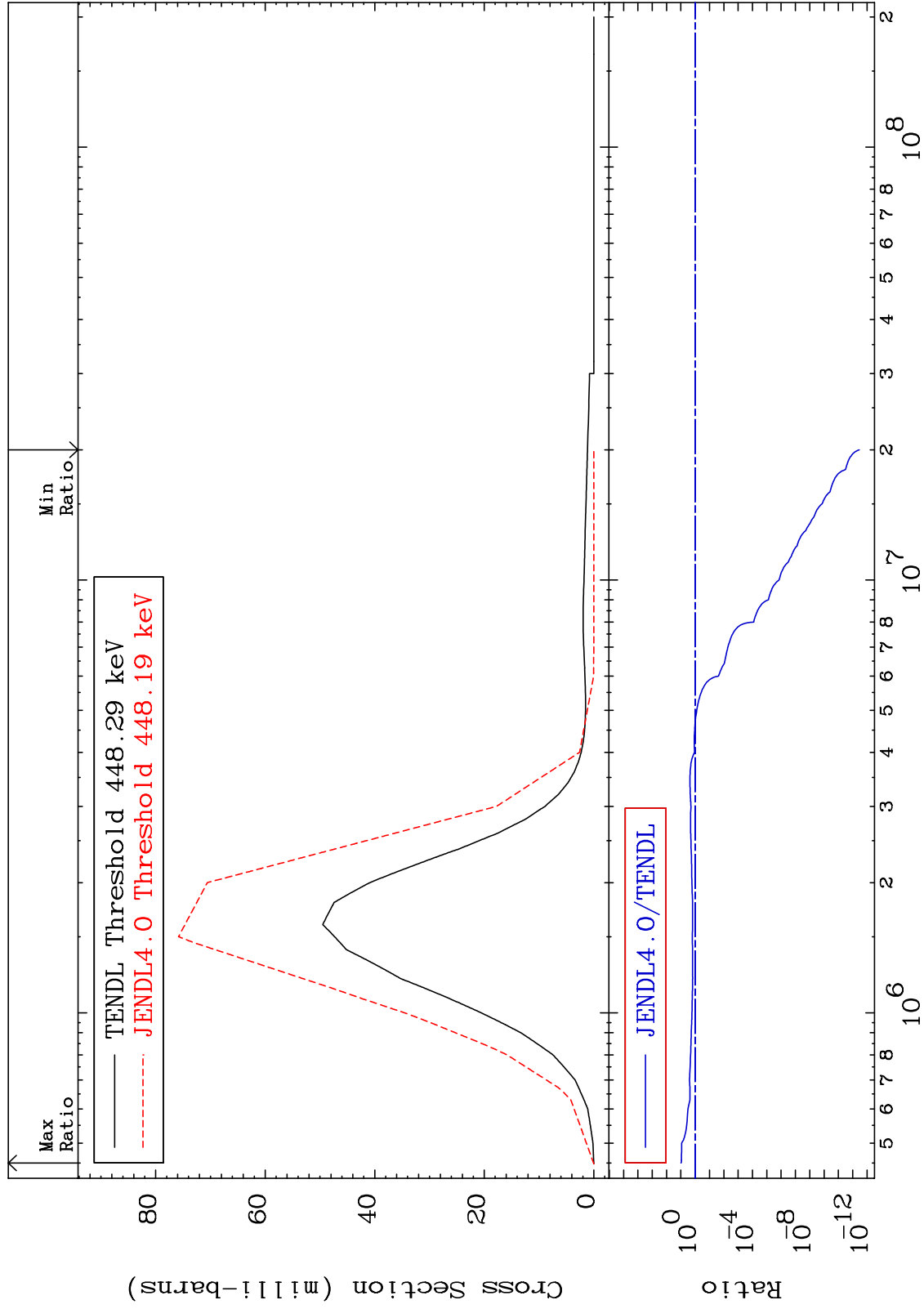
88-Ra-226  
-100.0 To 137.3 %



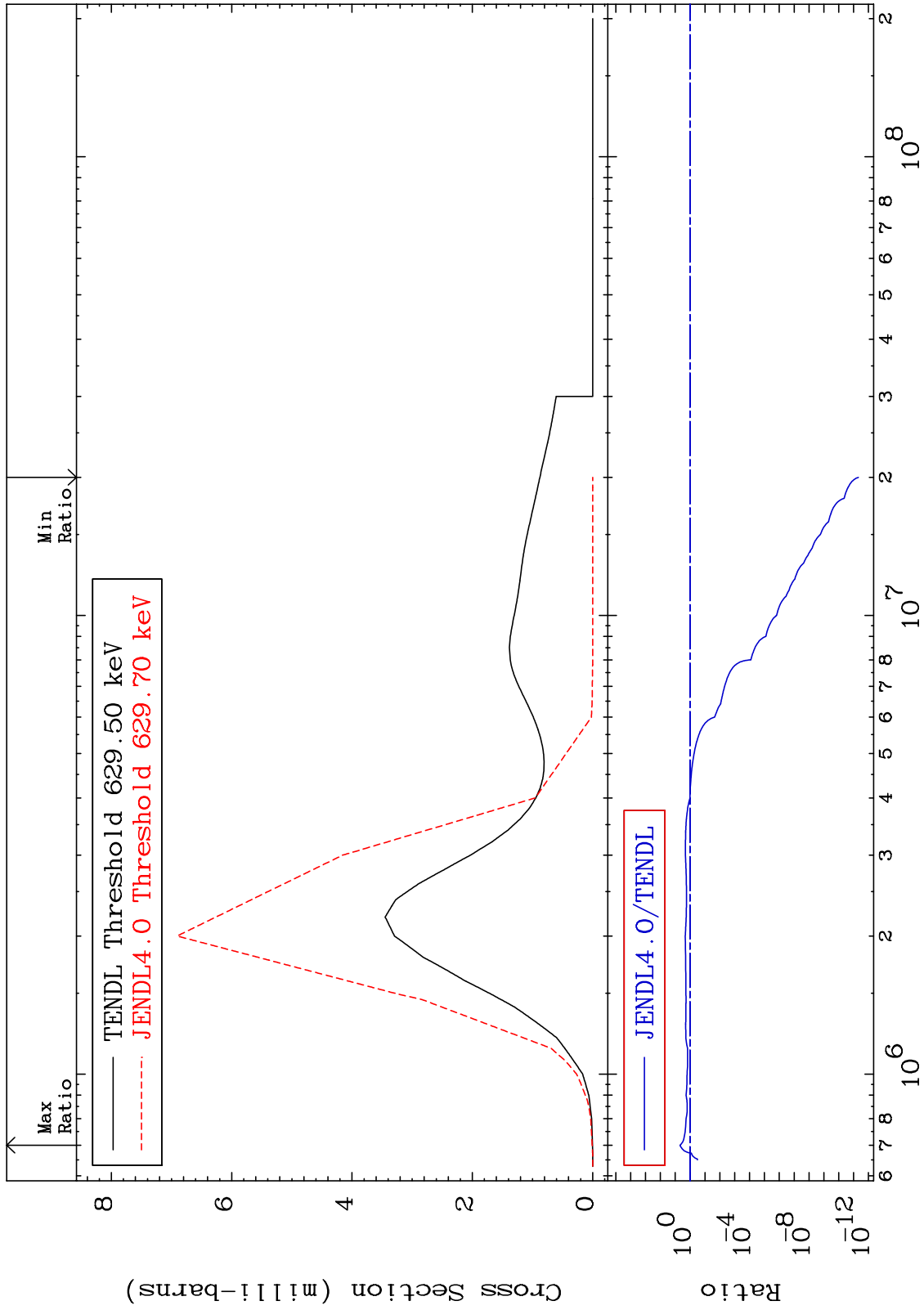
MAT 8834

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

88-Ra-226  
-100.0 To 871.8 %



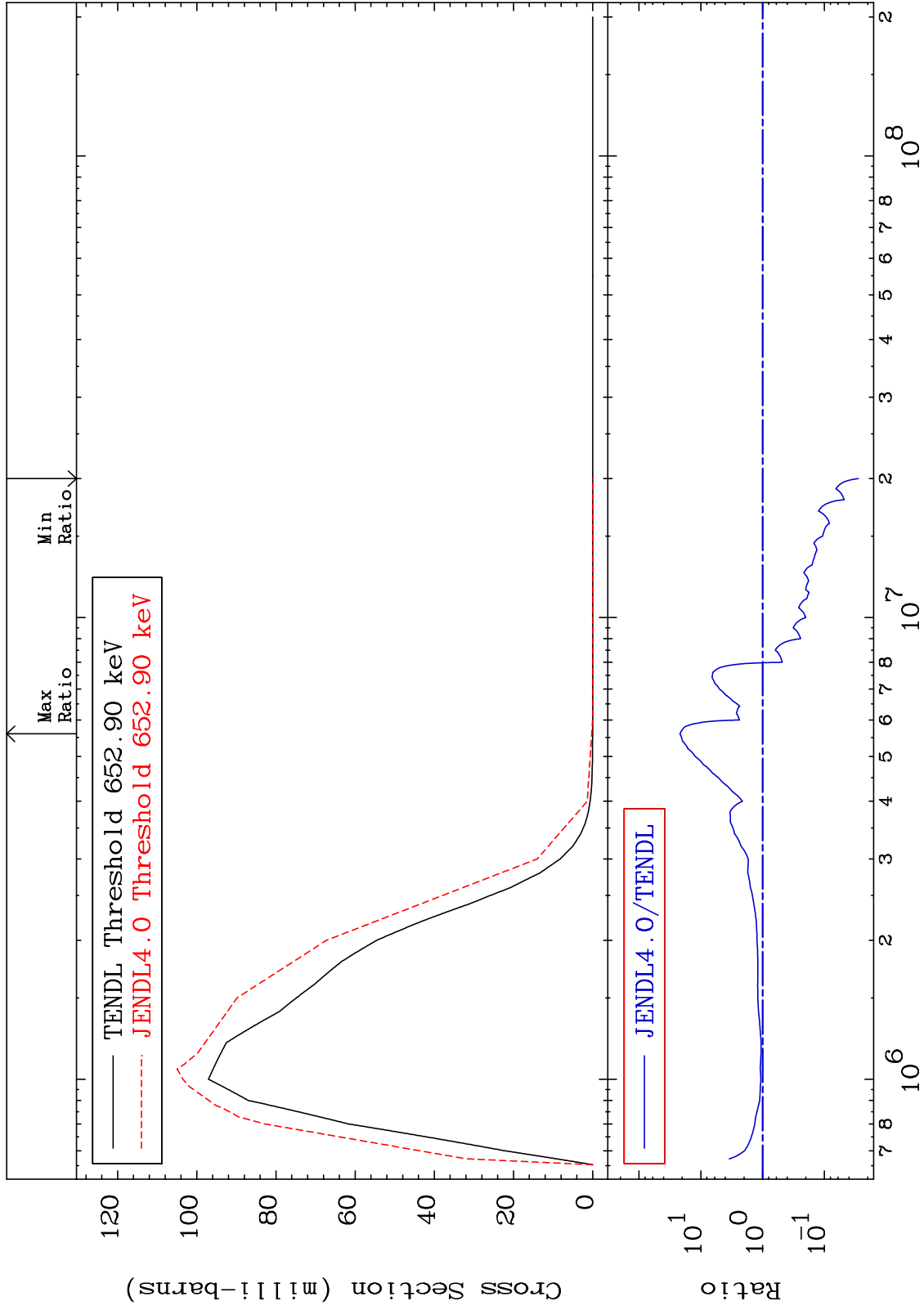
MAT 8834 MT= 57 (n,n') Level Cross Section 88-Ra-226 -100.0 To 374.2 %



MAT 8834

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

88-Ra-226  
-97.18 To 2071. %



15

Incident Energy (eV)

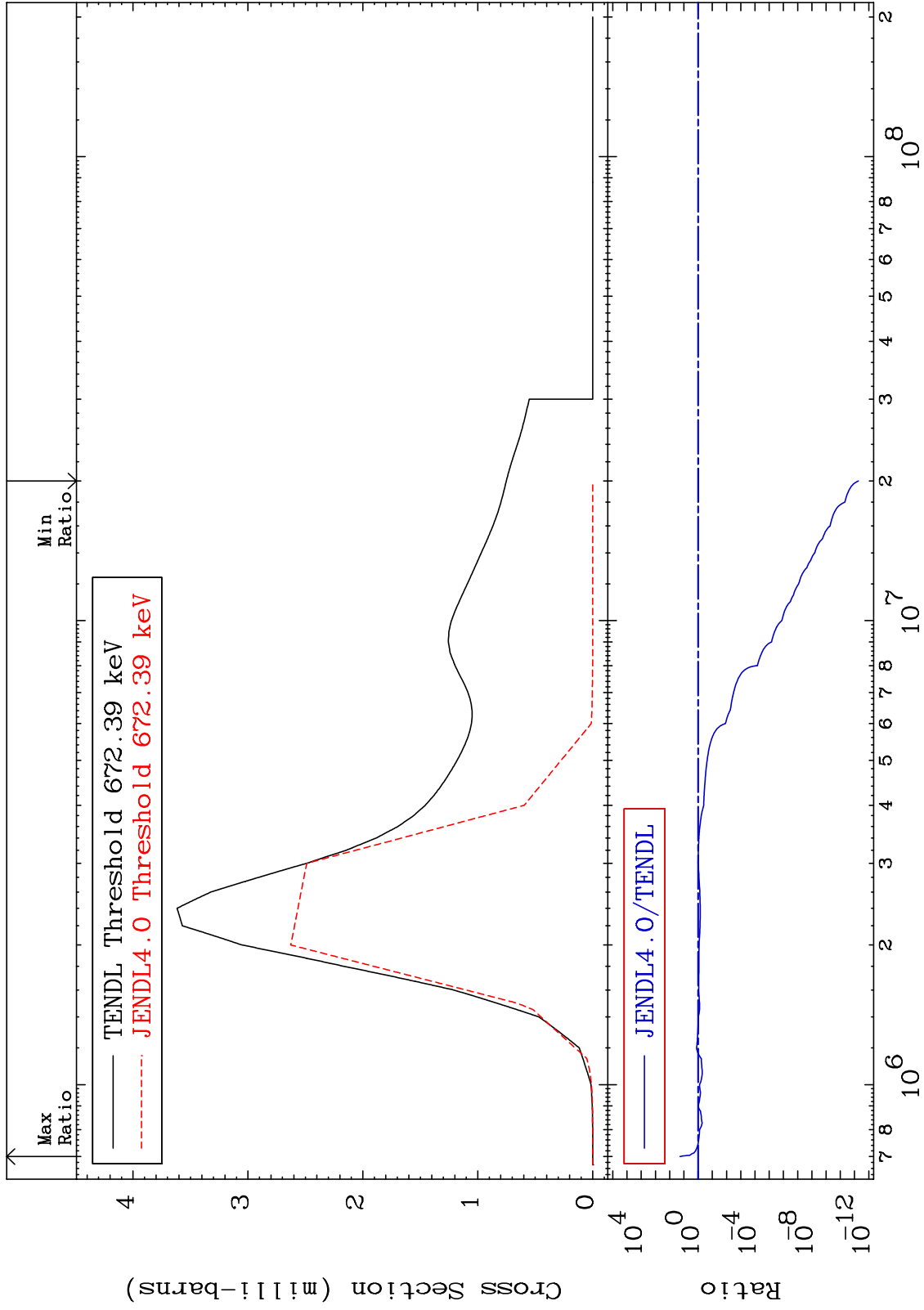
88-Ra-226



MAT 8834

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

88-Ra-226  
-100.0 To 1773. %



16

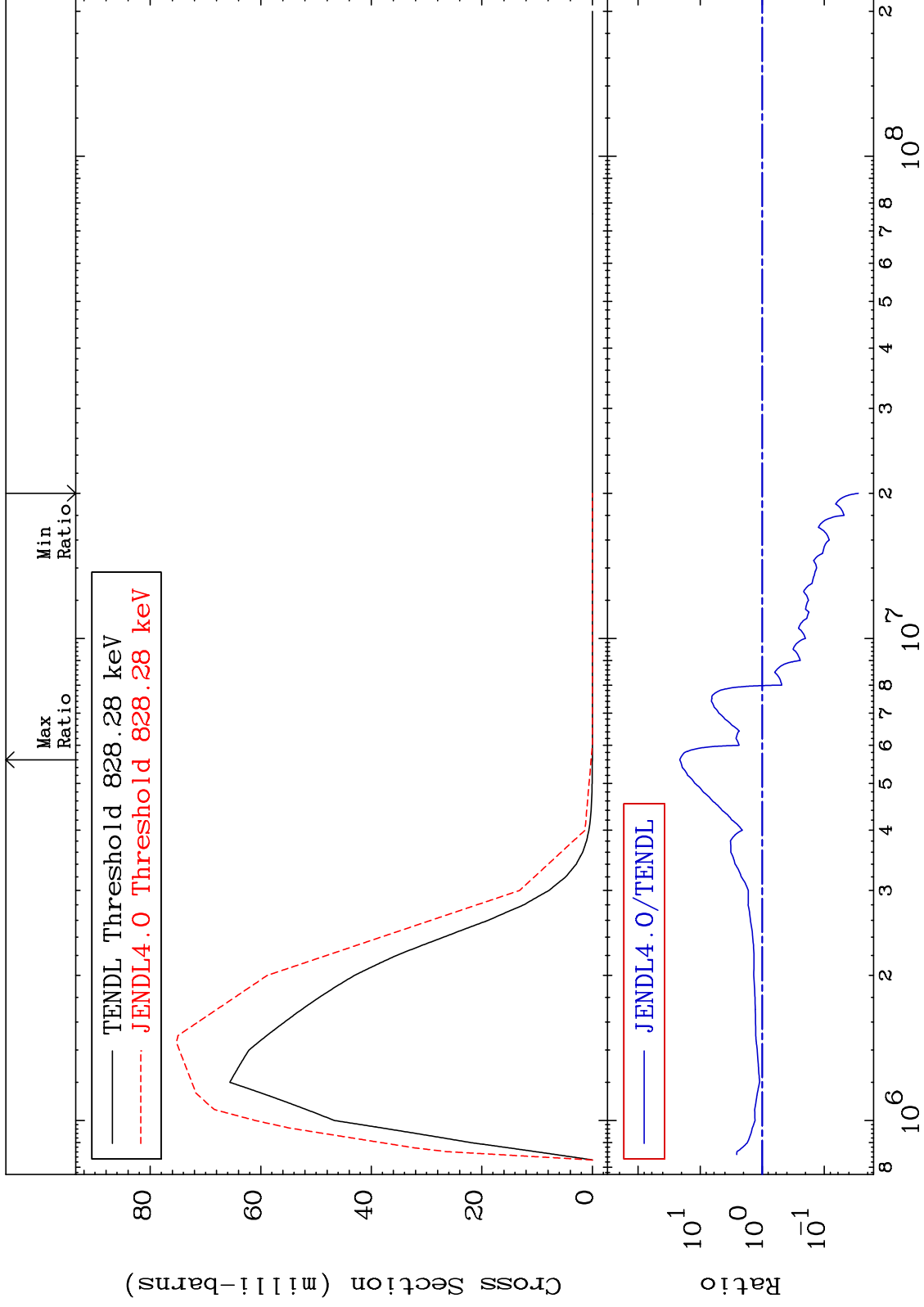
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226  
-97.18 To 2029. %



17

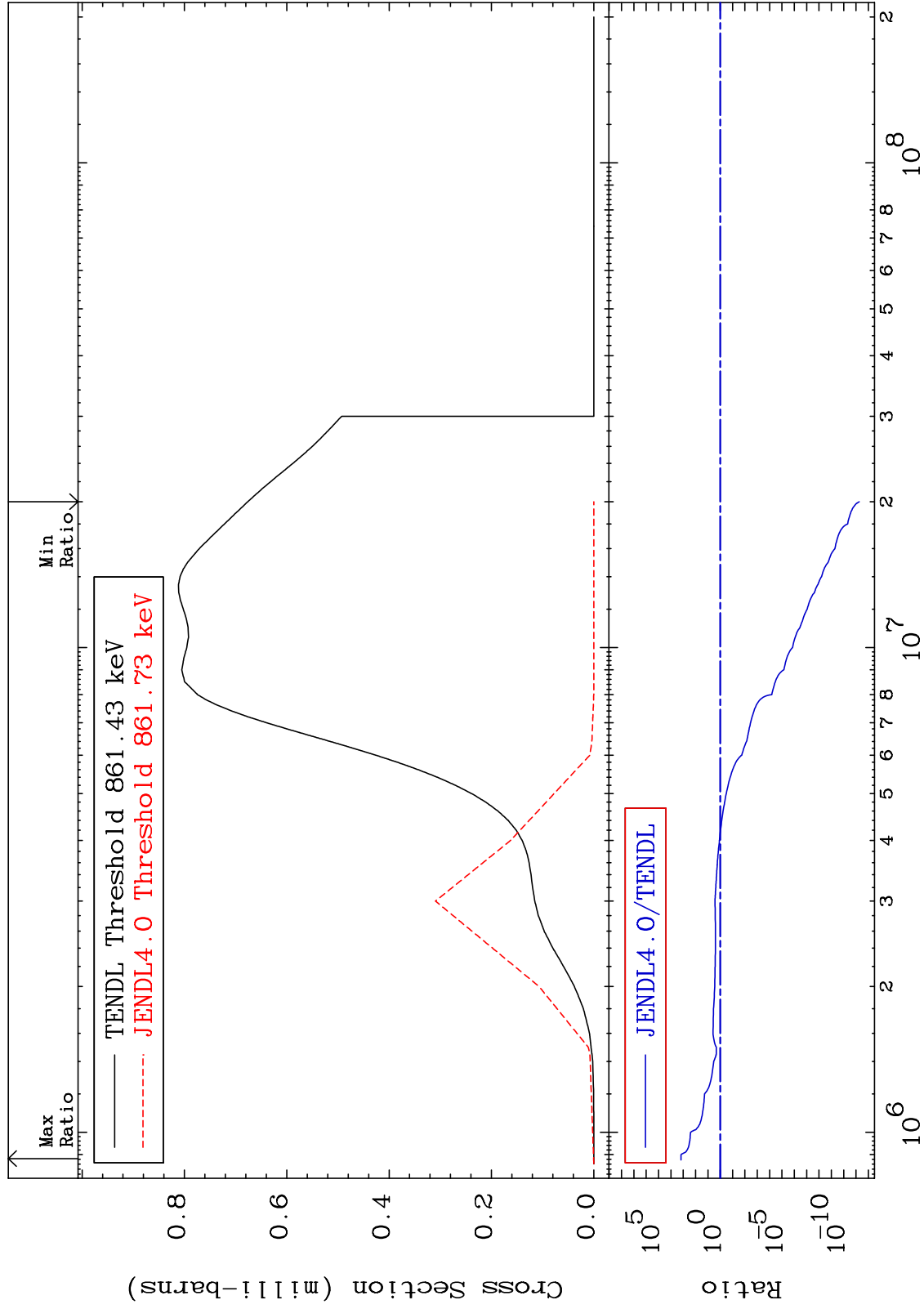
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226  
-100.0 To 9999. %



18

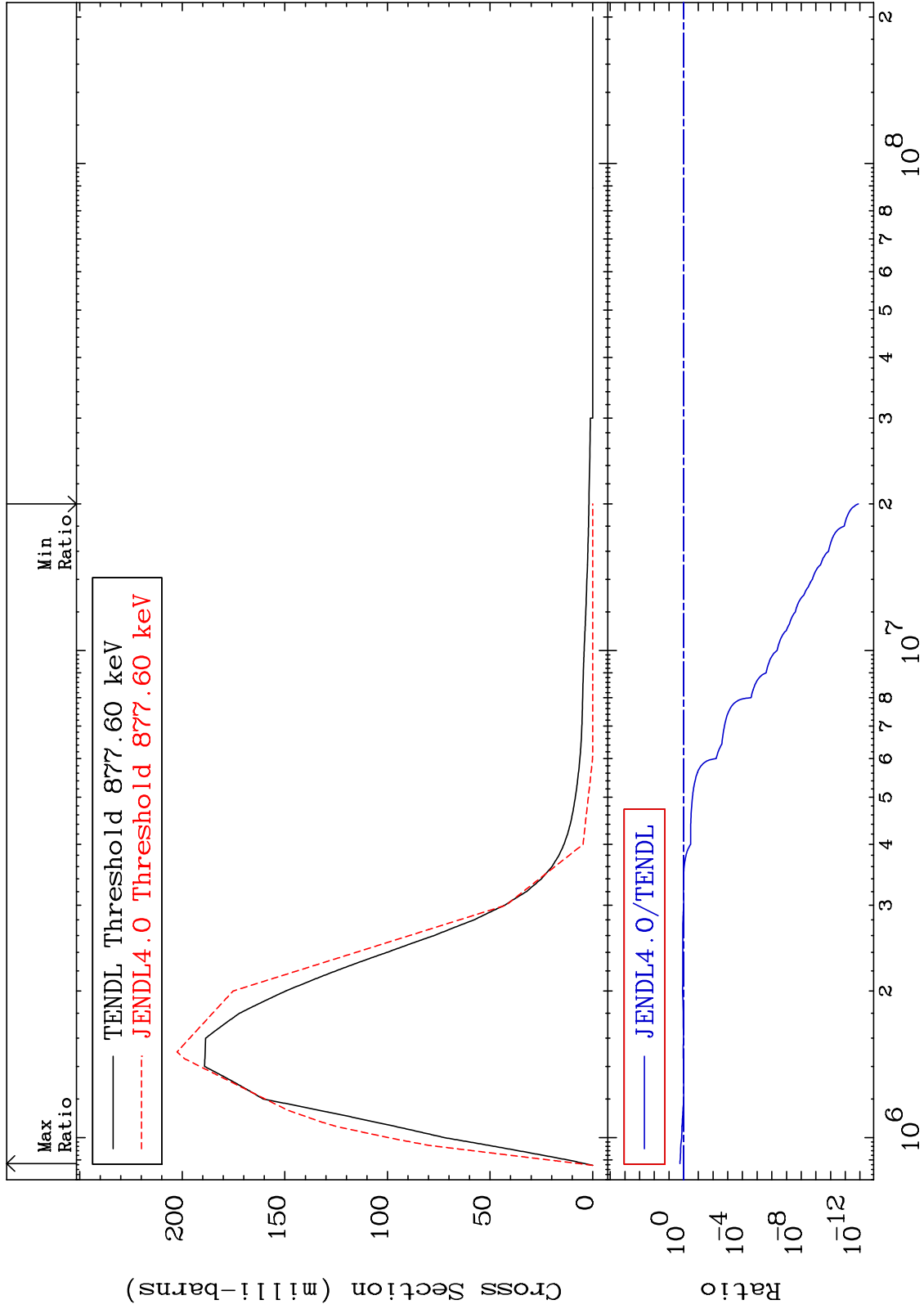
Incident Energy (eV)

88-Ra-226

MAT 8834

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

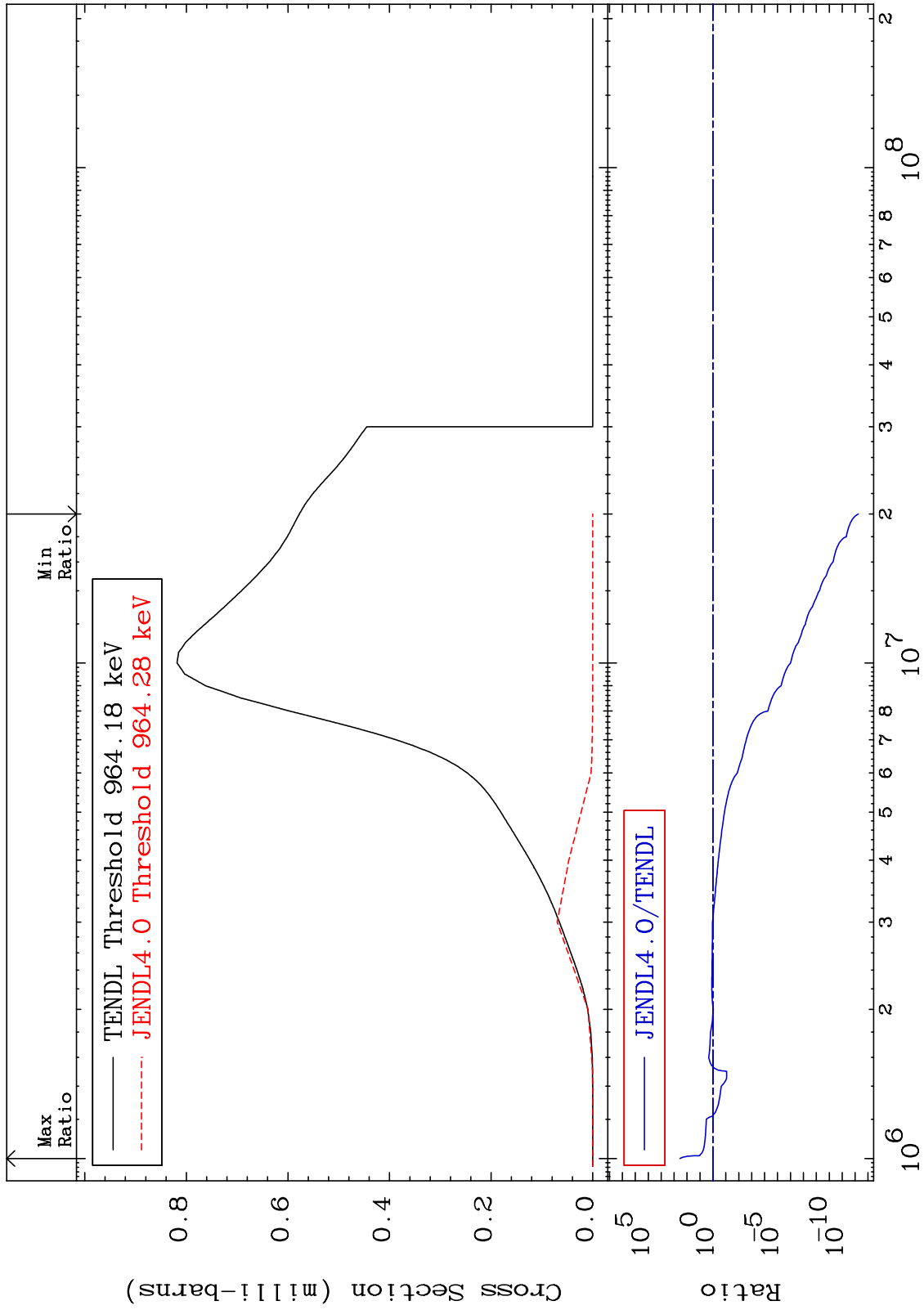
88-Ra-226  
-100.0 To 77.05 %



MAT 8834

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

88-Ra-226  
-100.0 To 9999. %



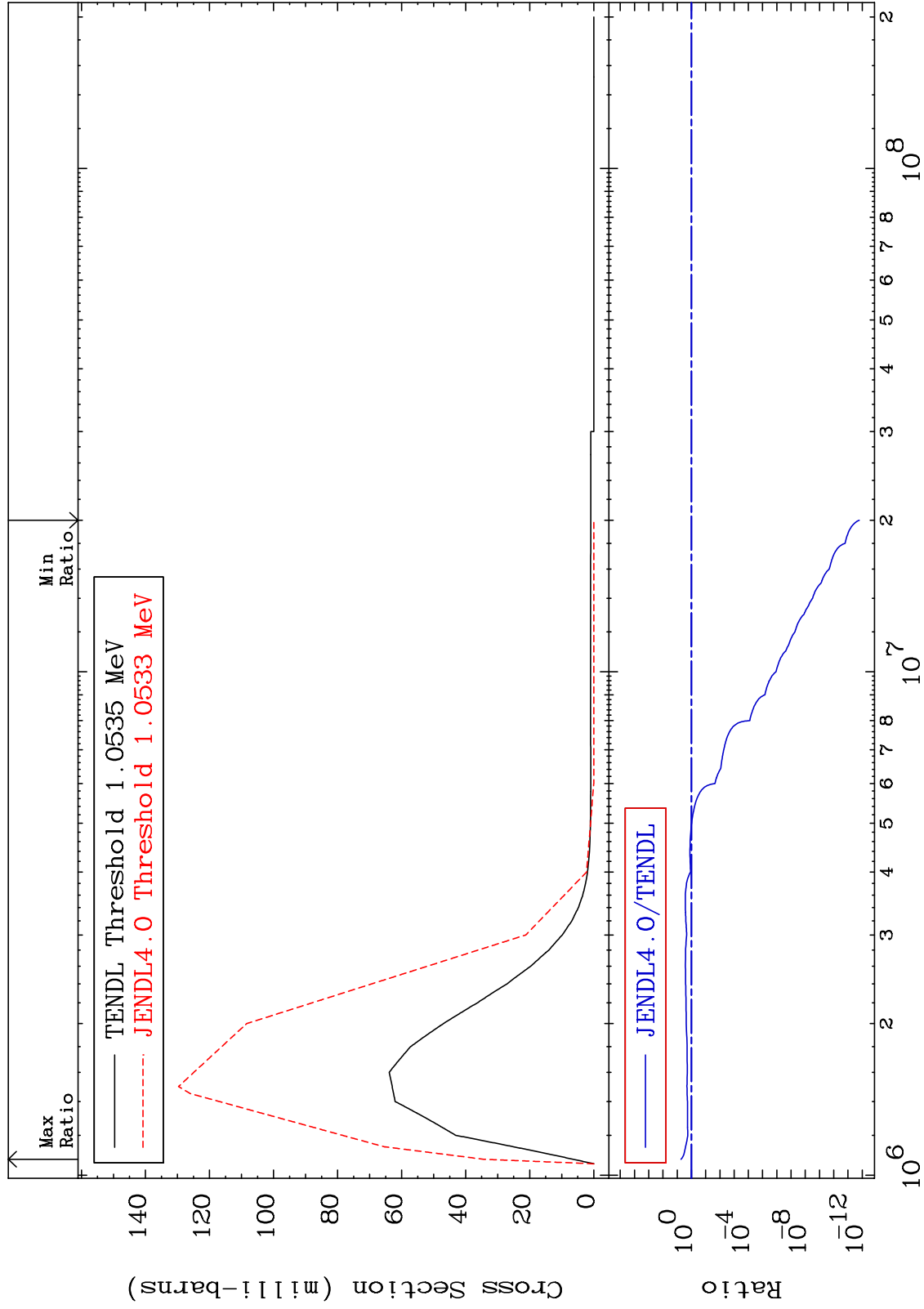
88-Ra-226

20

MAT 8834

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

88-Ra-226  
-100.0 To 434.6 %



21

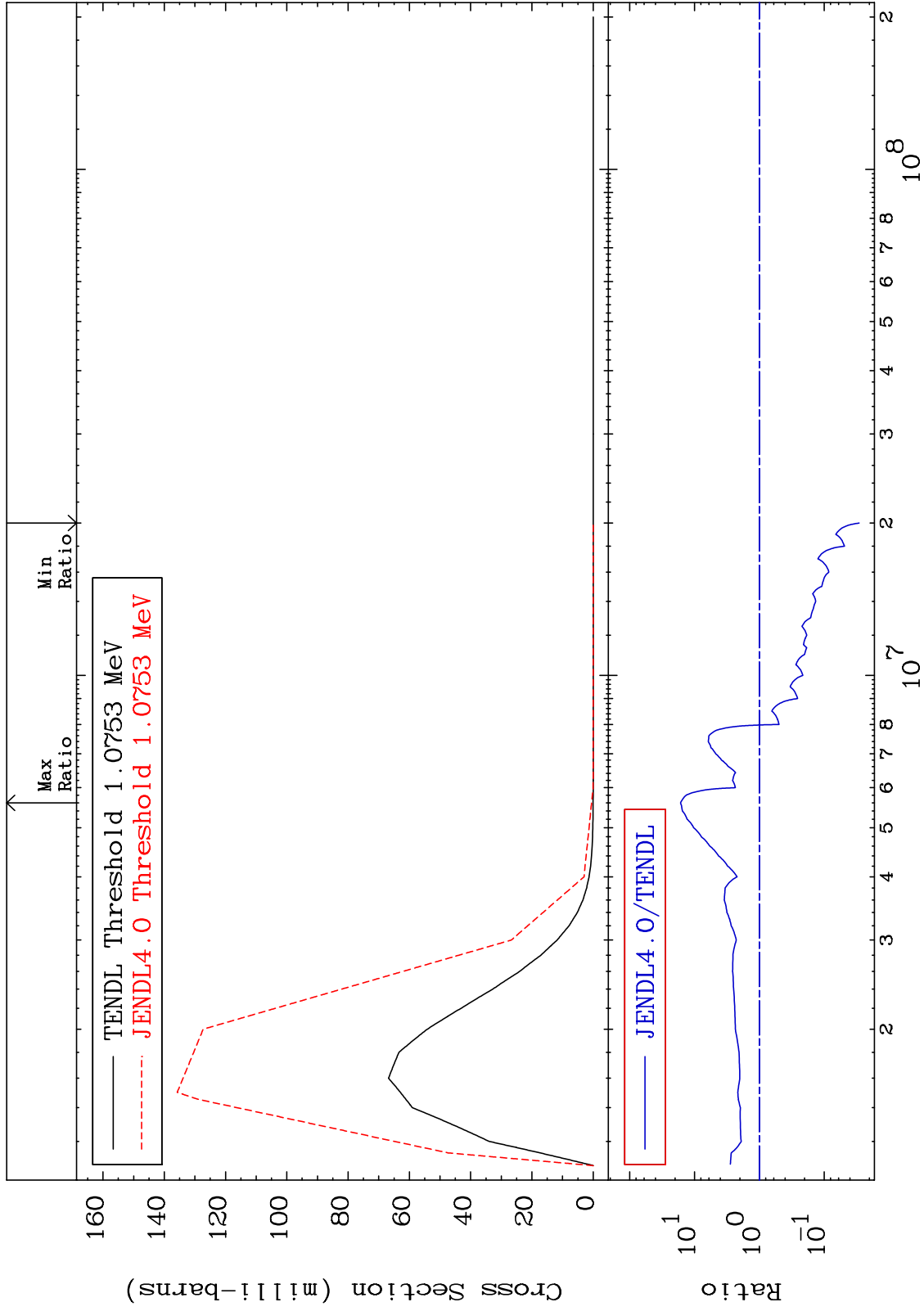
Incident Energy (eV)

88-Ra-226

MAT 8834

MT= 65 (n, n') Level  
Cross Section

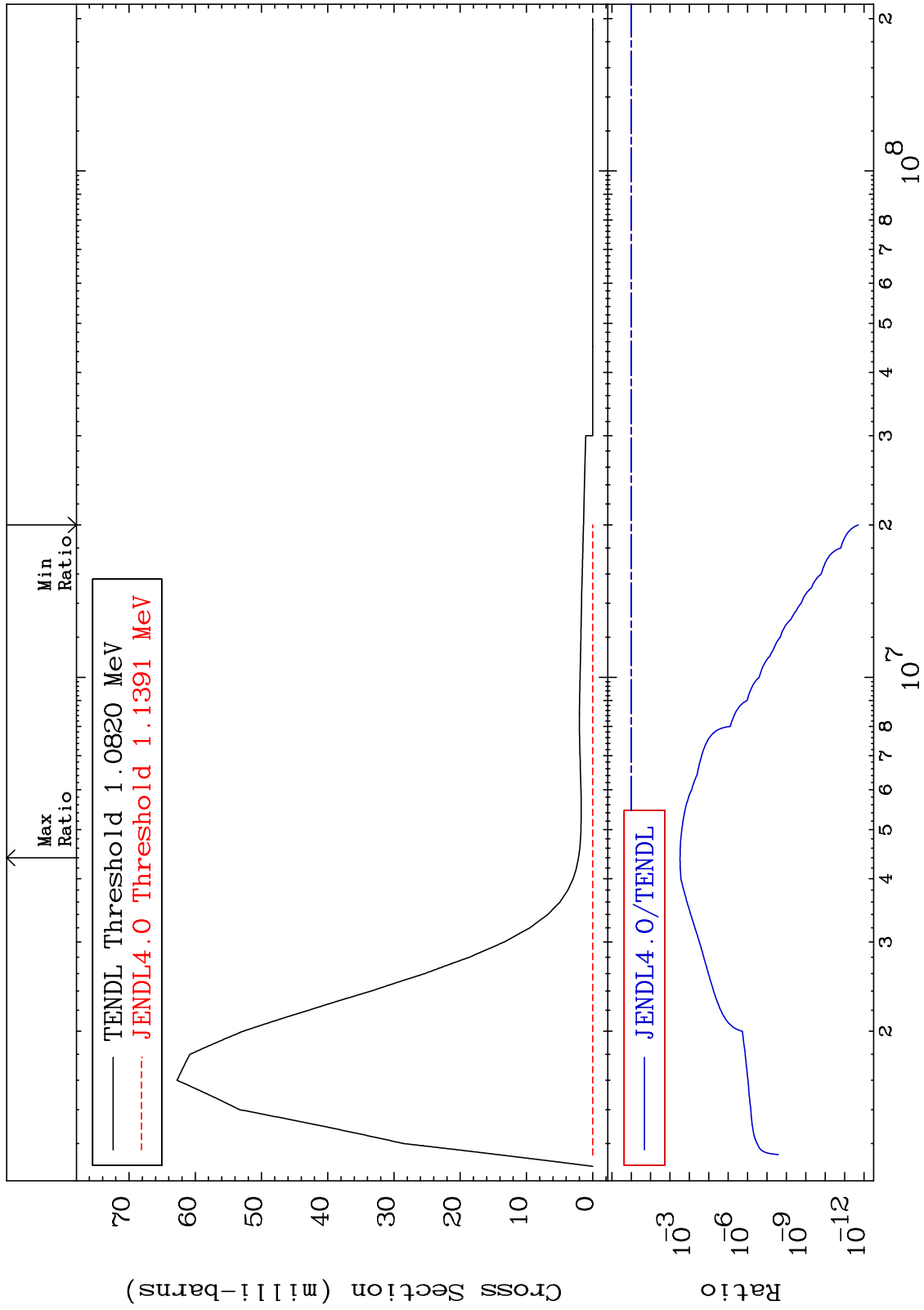
88-Ra-226  
-97.12 To 1541. %



MAT 8834

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

88-Ra-226  
-100.0 To -99.70%

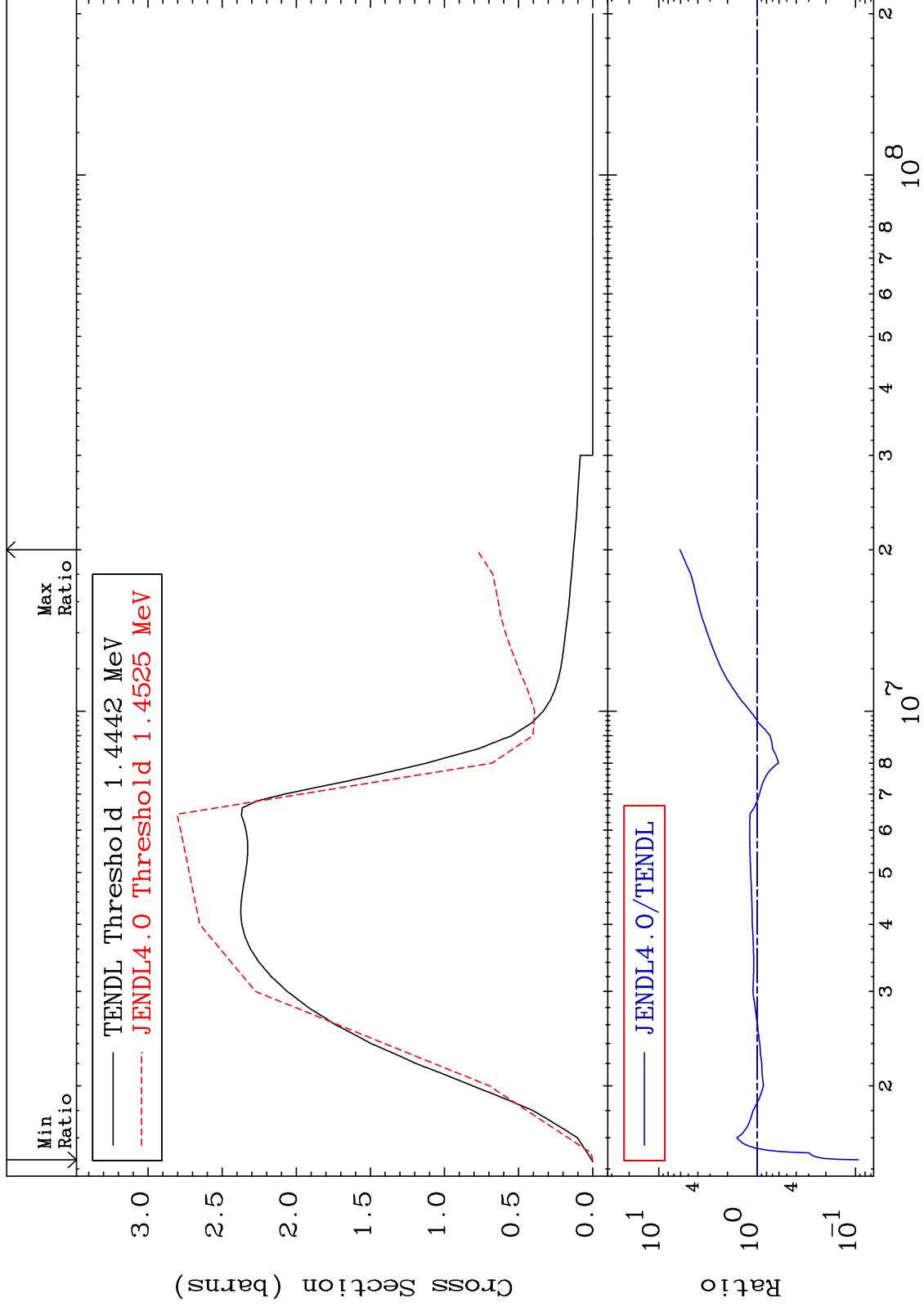




MAT 8834

(n,n') Continuum  
Cross Section

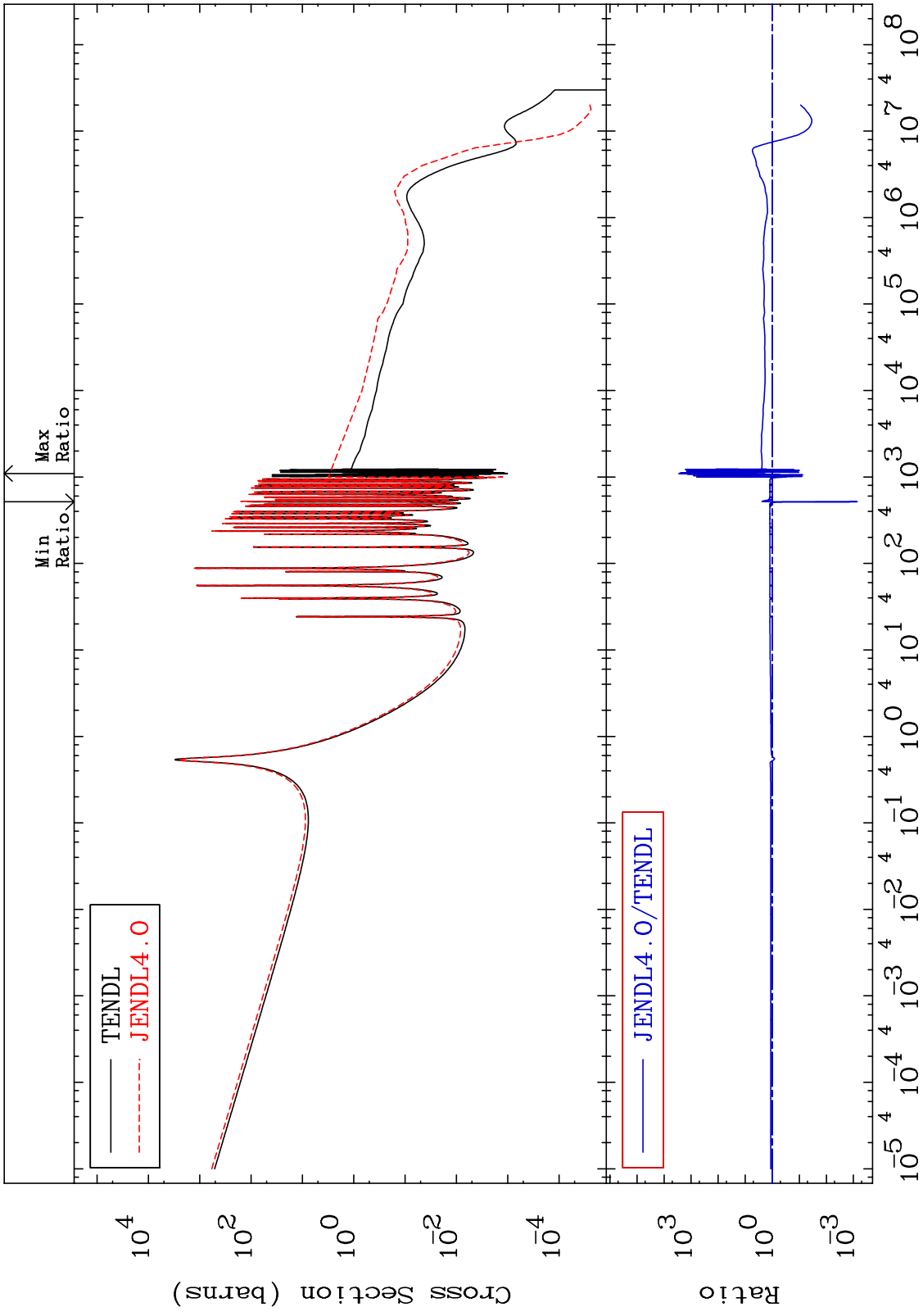
88-Ra-226  
-90.66 To 507.2 %



MAT 8834

(n,  $\gamma$ )  
Cross Section

88-Ra-226  
-99.93 To 9999. %



25

Incident Energy (eV)

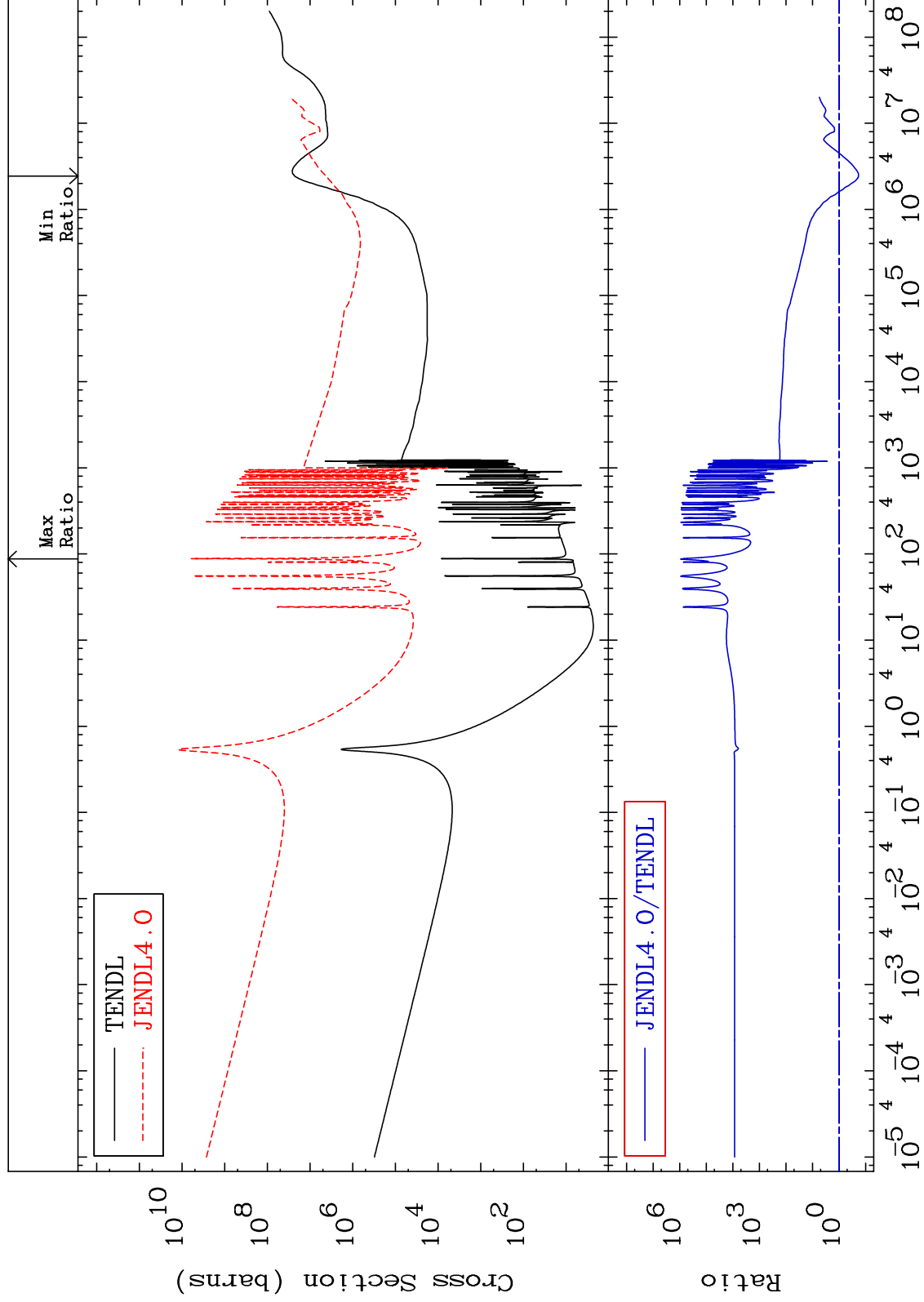
88-Ra-226

MAT 8834

Kerma total (eV-barns)  
Cross Section

88-Ra-226

-81.33 To 9999. %



26

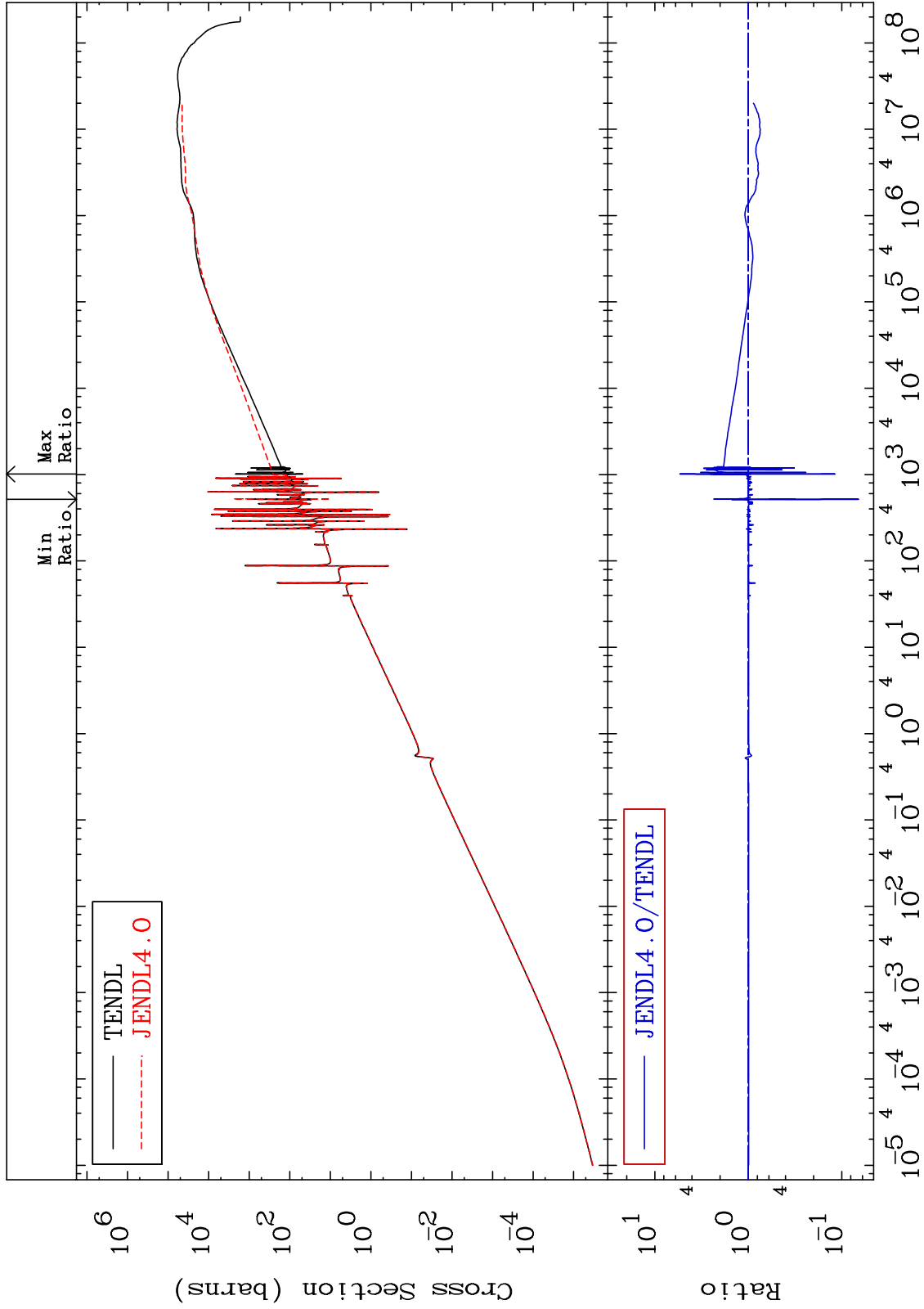
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma elastic  
Cross Section

88-Ra-226  
-93.37 To 437.5 %



— TENDL  
- - - JENDL4.0

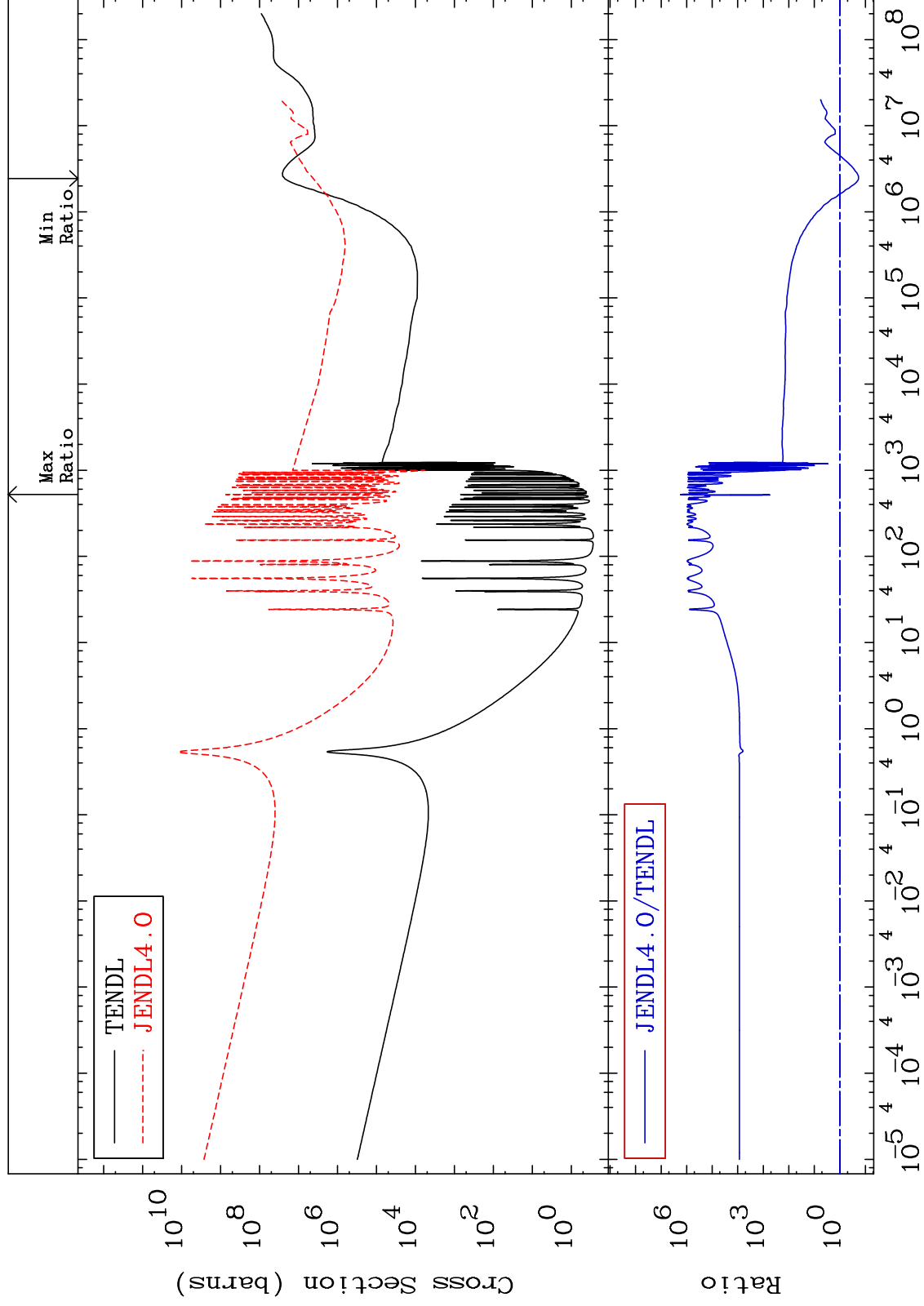
— JENDL4.0/TENDL

MAT 8834

Kerma non-elastic (all but mt2)  
Cross Section

88-Ra-226

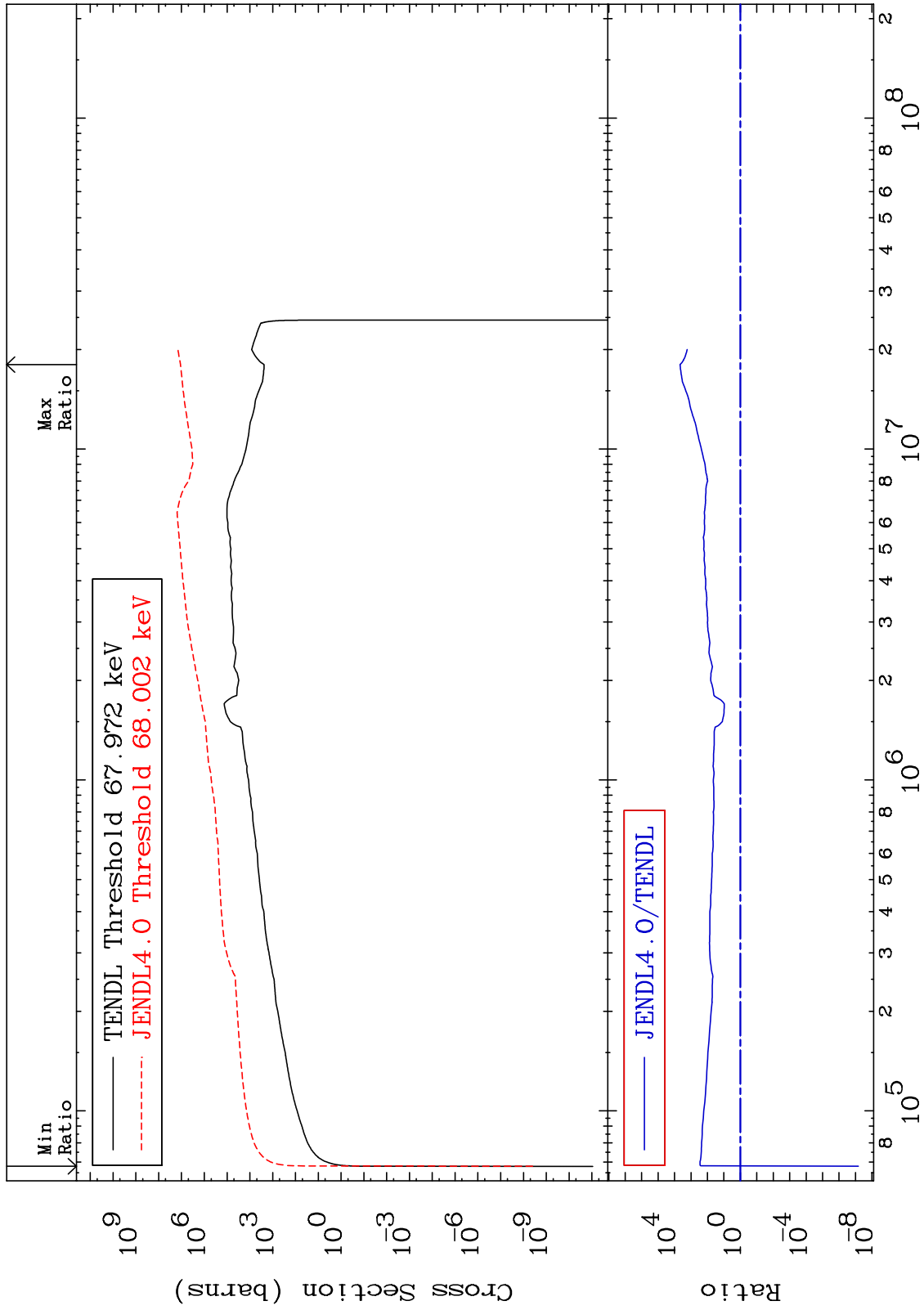
-81.46 To 9999. %



MAT 8834

Kerma inelastic (mt51-91)  
Cross Section

88-Ra-226  
-100.0 To 9999. %

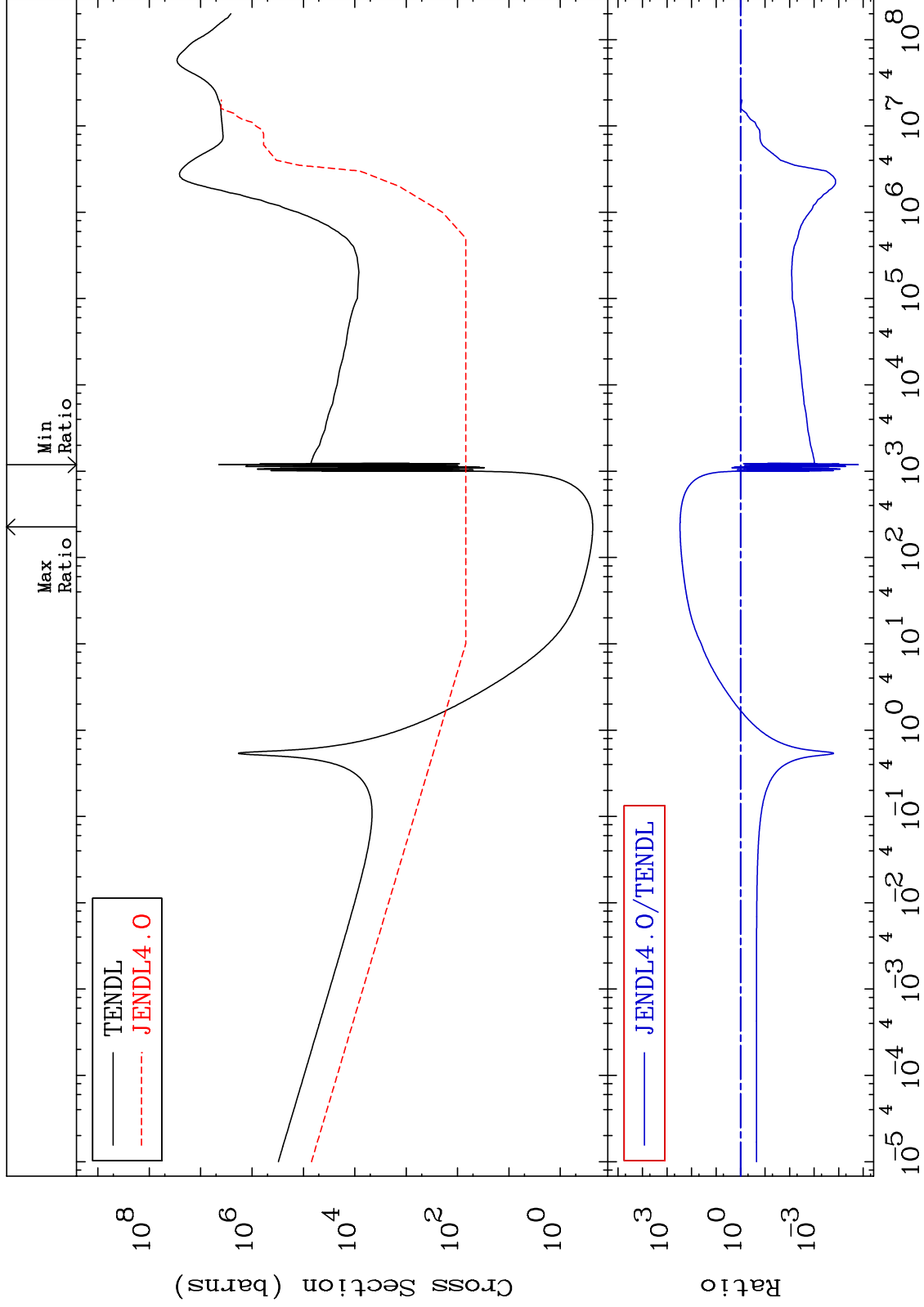


MAT 8834

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

88-Ra-226

-100.0 To 9999. %



30

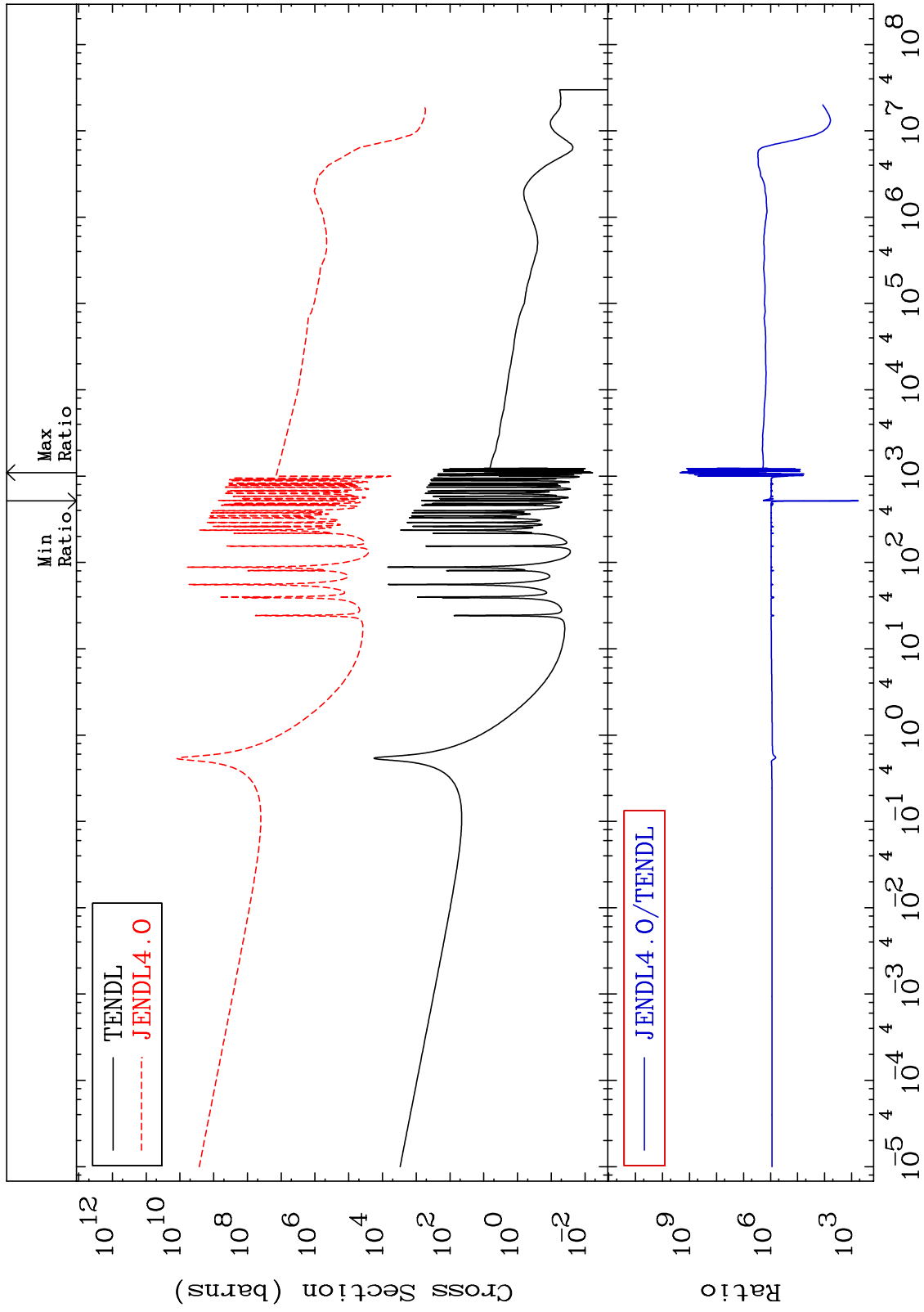
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma capture (mt102)  
Cross Section

88-Ra-226  
9999. To 9999. %

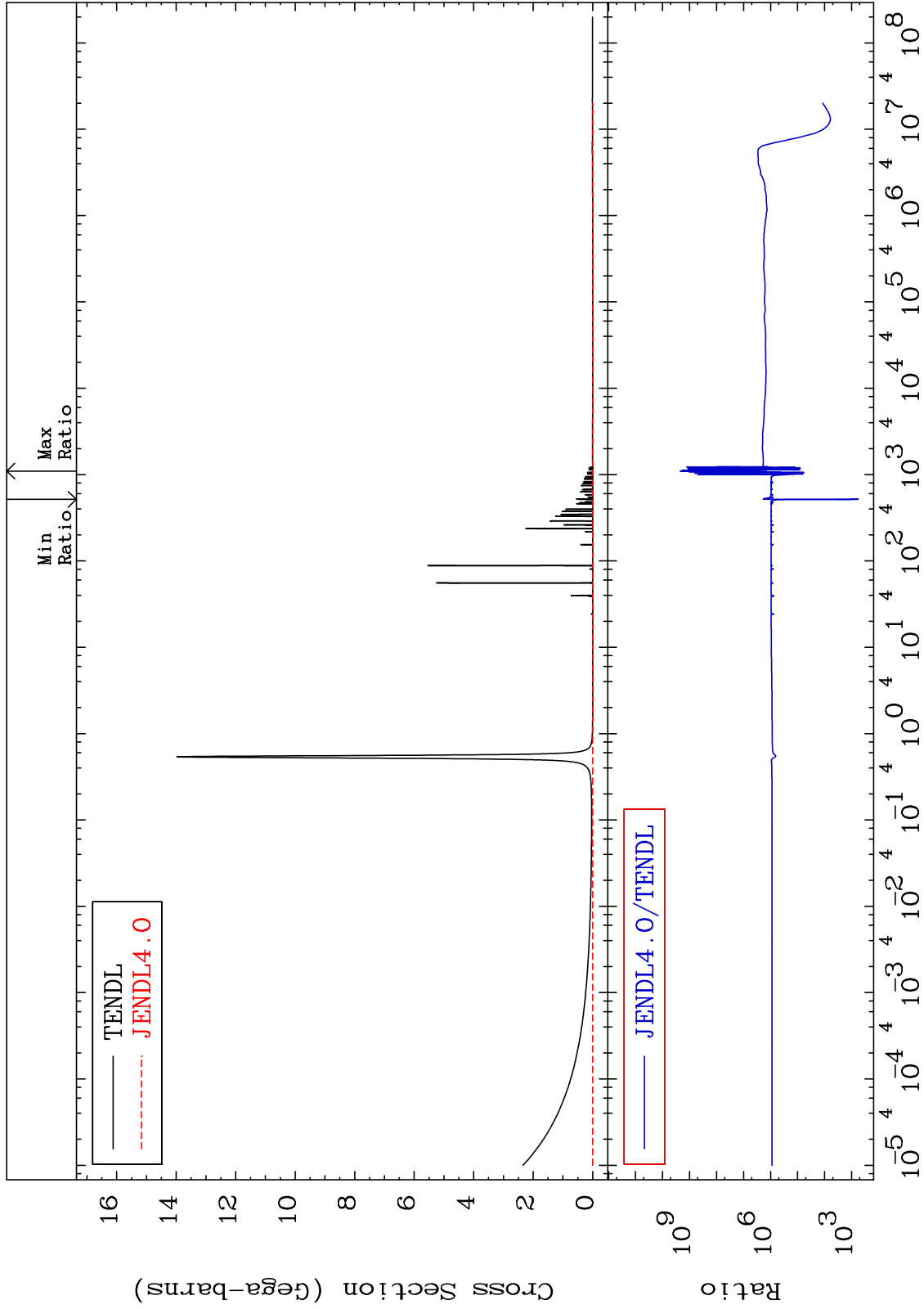




MAT 8834

Total photon (eV-barns)  
Cross Section

88-Ra-226  
9999. To 9999. %



32

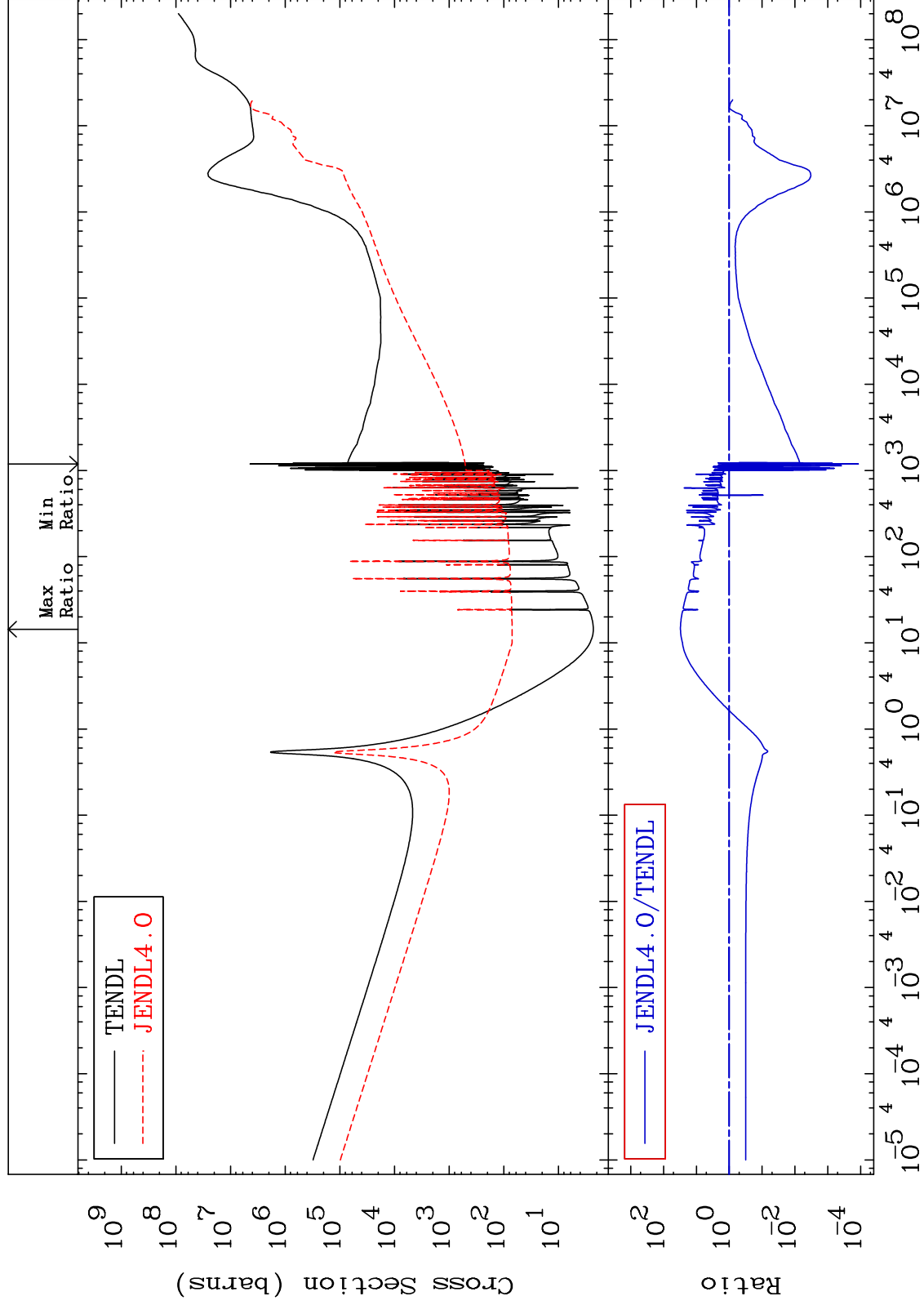
Incident Energy (eV)

88-Ra-226

MAT 8834

Total kinematic kerma (high limit)  
Cross Section

88-Ra-226  
-99.99 To 2956. %



33

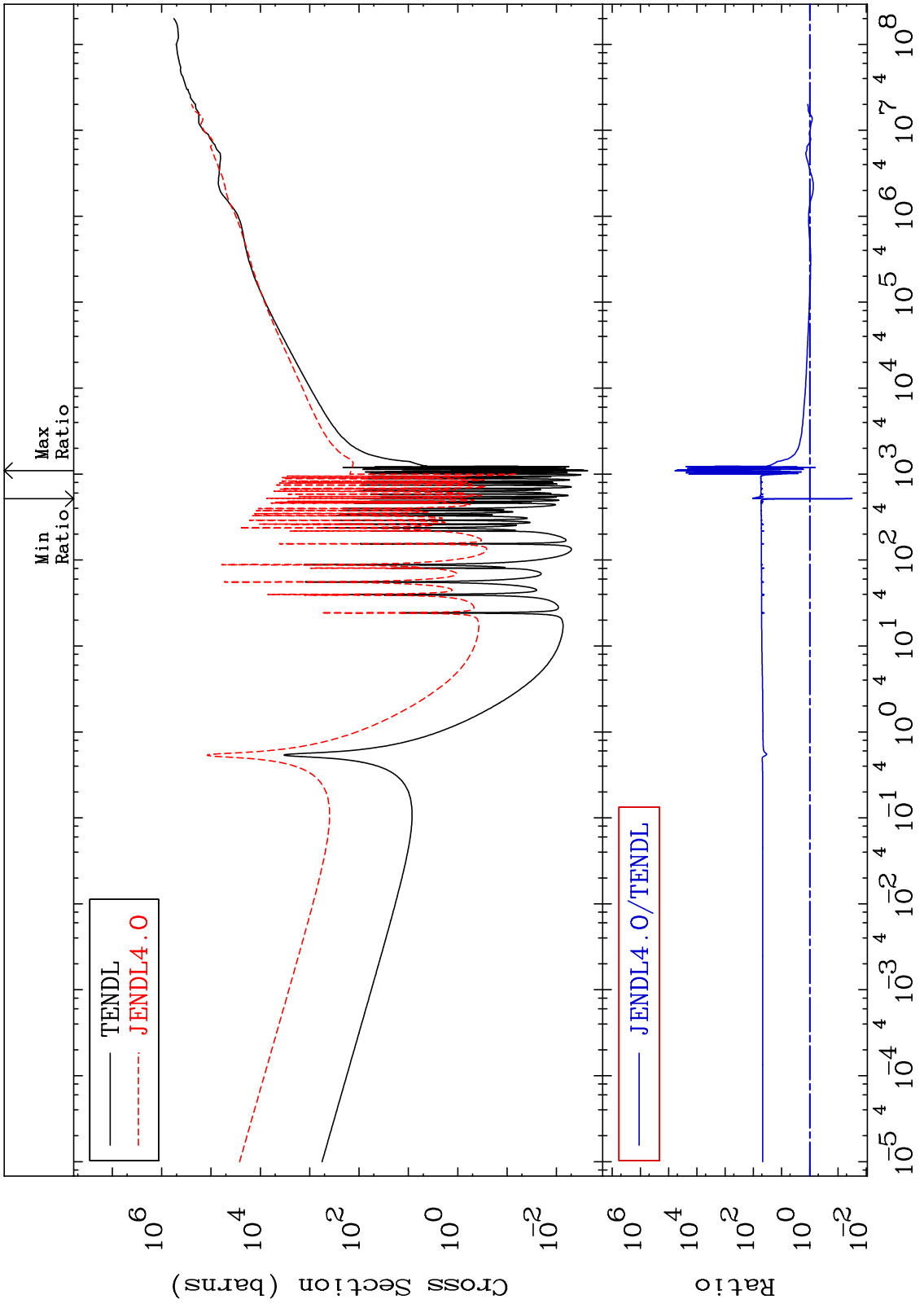
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa total (eV-barns)  
Cross Section

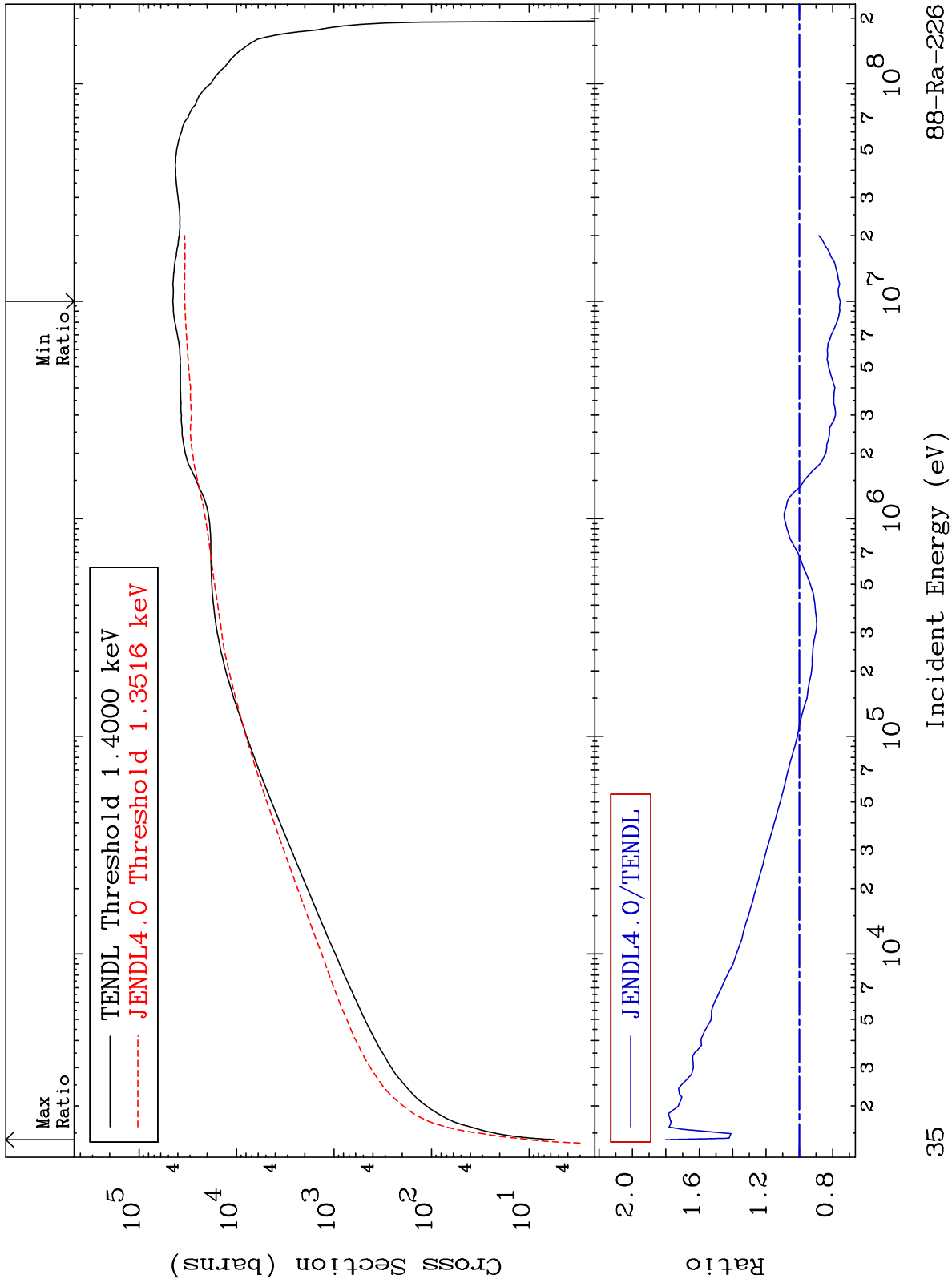
88-Ra-226  
-96.83 To 9999. %



MAT 8834

Dpa elastic (mt2)  
Cross Section

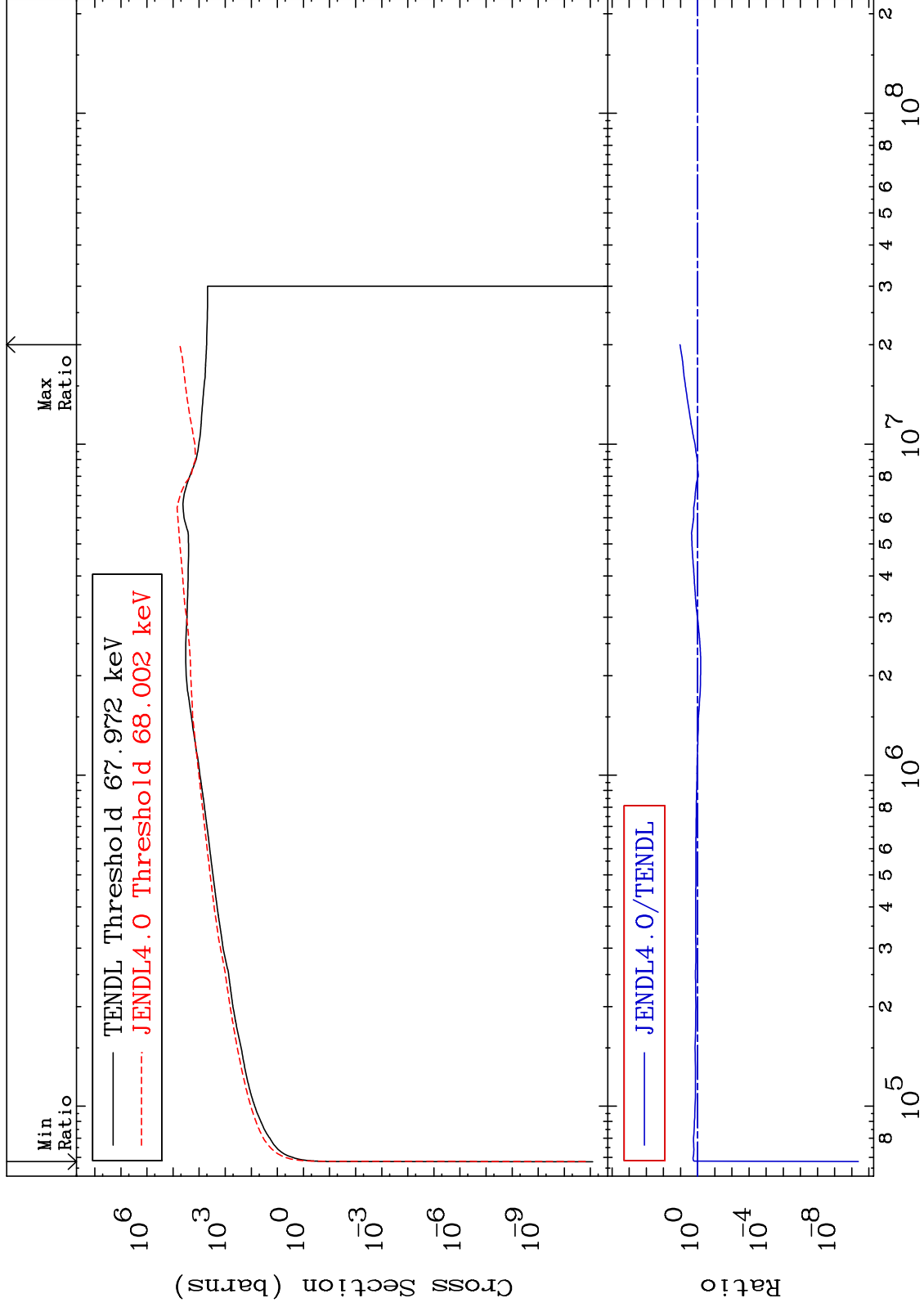
88-Ra-226  
-24.67 To 80.15 %



MAT 8834

Dpa inelastic (mt51-91)  
Cross Section

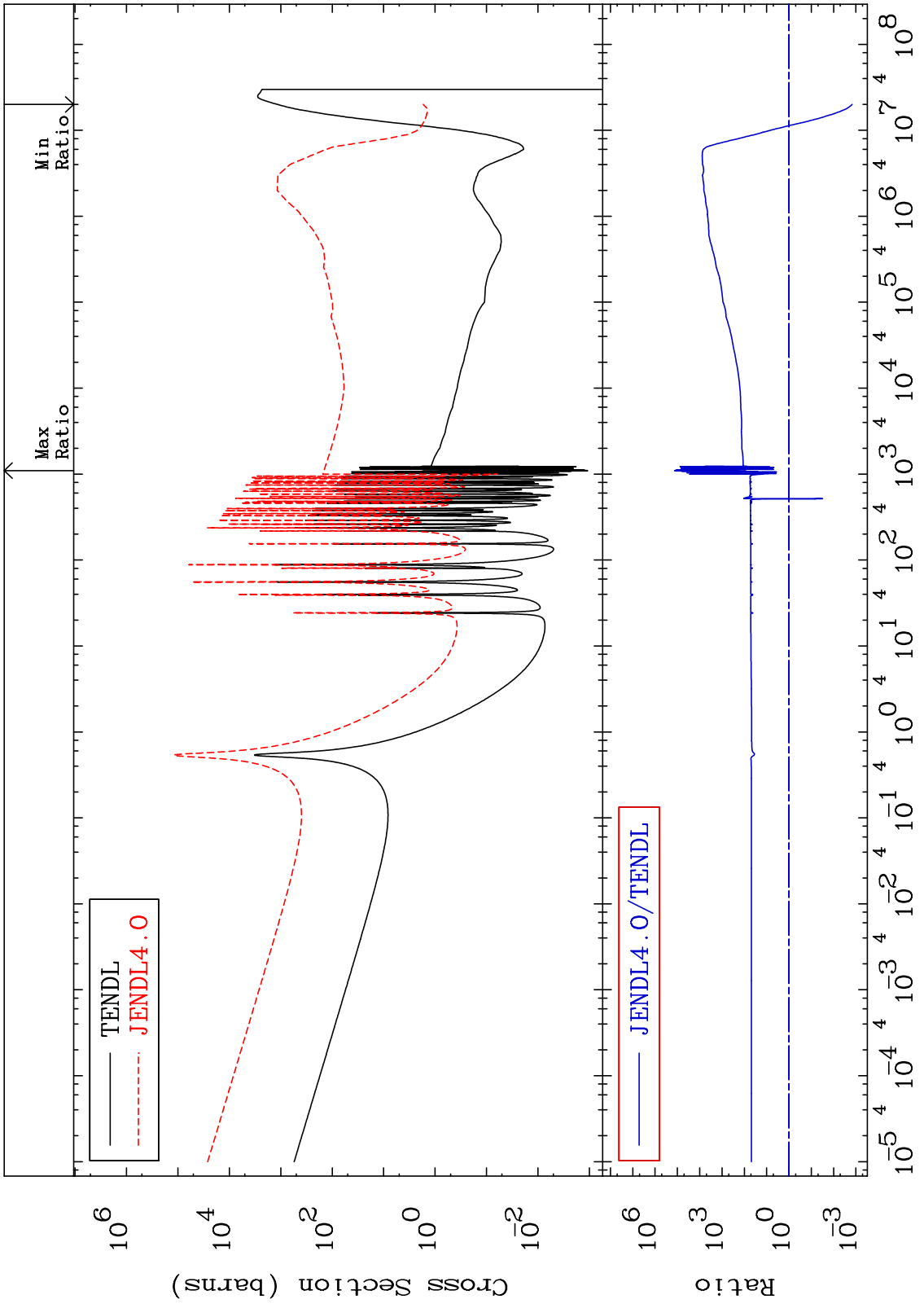
88-Ra-226  
-100.0 To 971.1 %



MAT 8834

Dpa disappearance (mt102 -120)  
Cross Section

88-Ra-226  
-99.85 To 9999. %



37

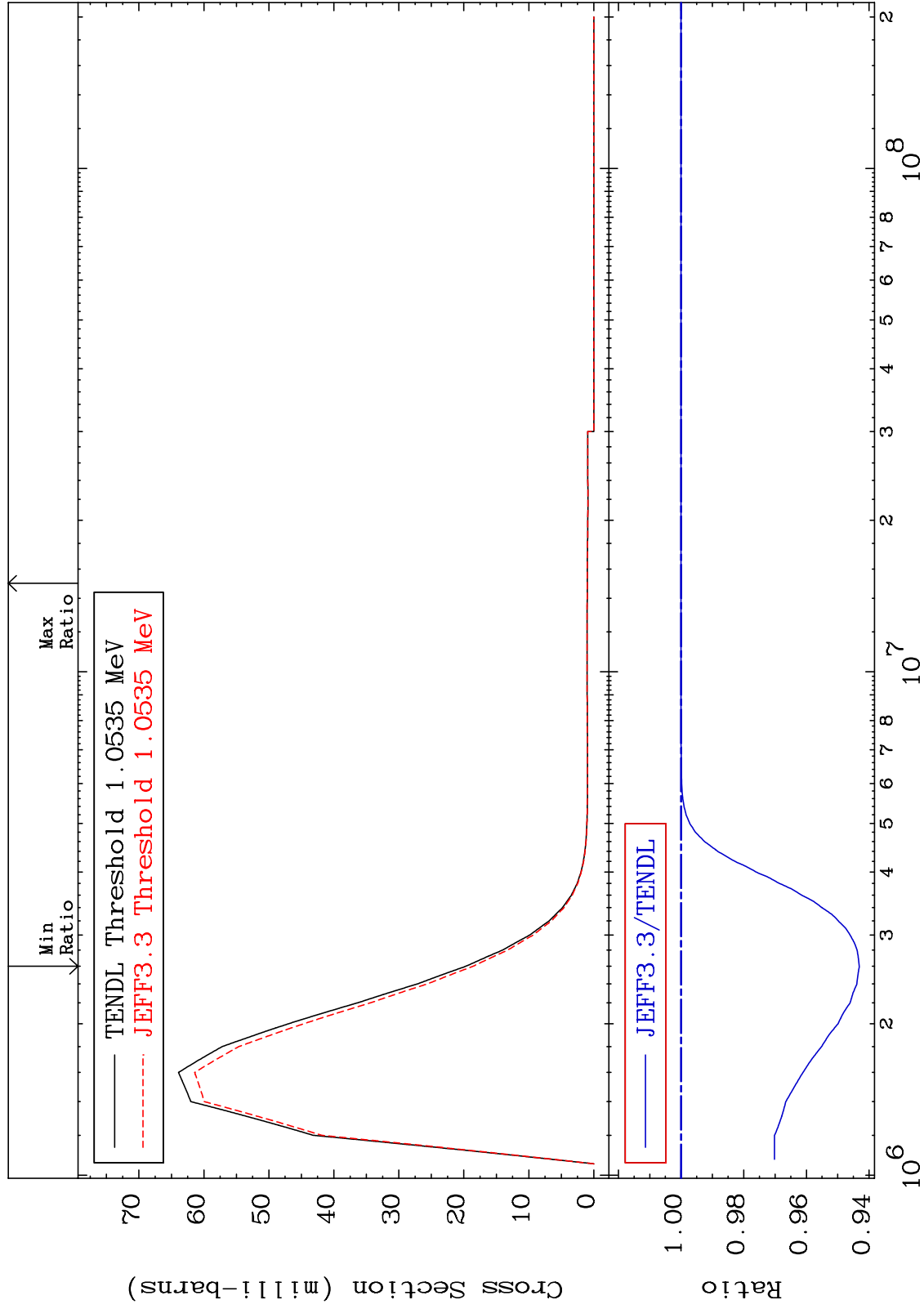
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226  
-5.687 To 0.000 %



38

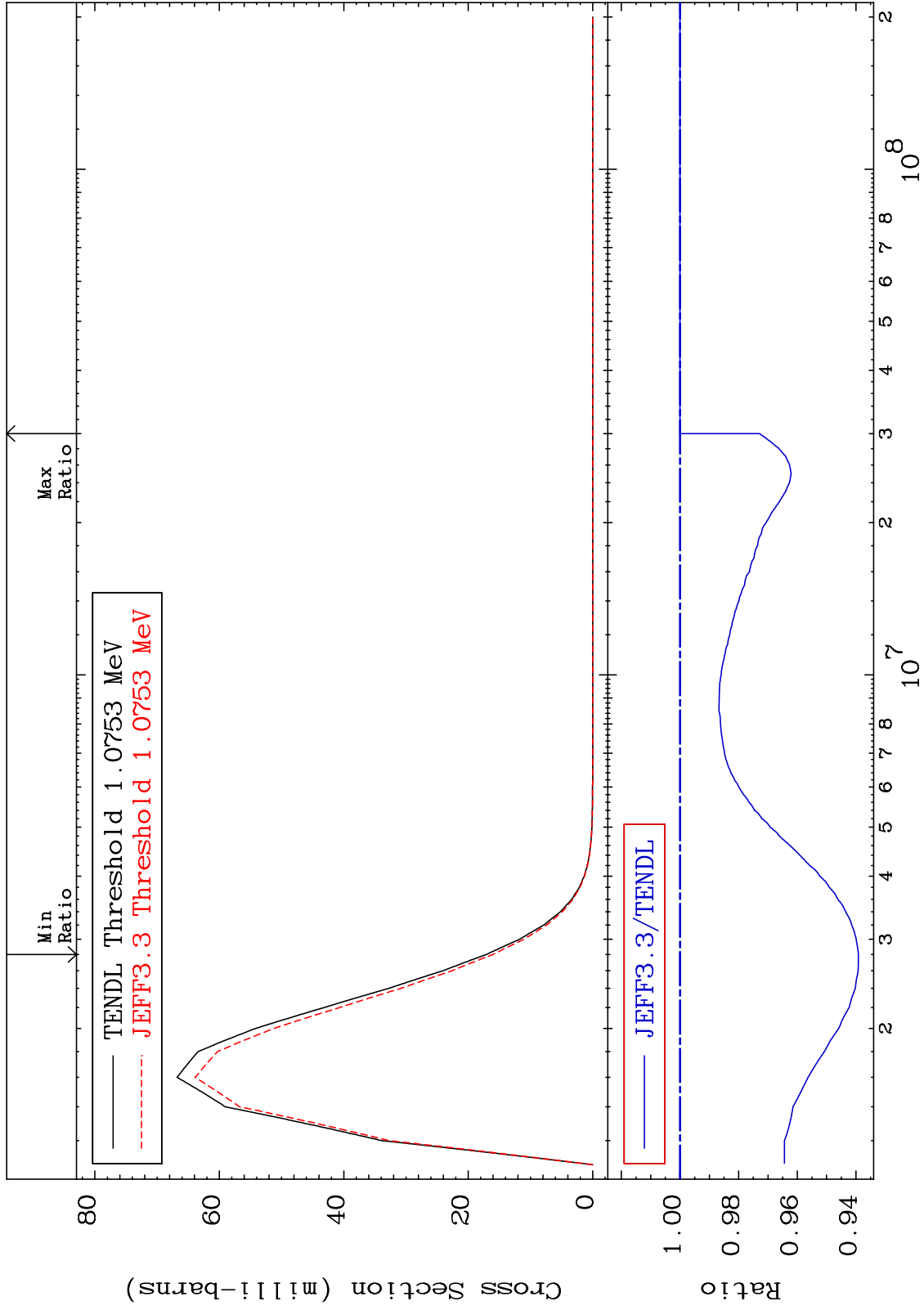
88-Ra-226

88-Ra-226

MAT 8834

MT= 65 (n,n') Level  
Cross Section

88-Ra-226  
-6.084 To 0.000 %

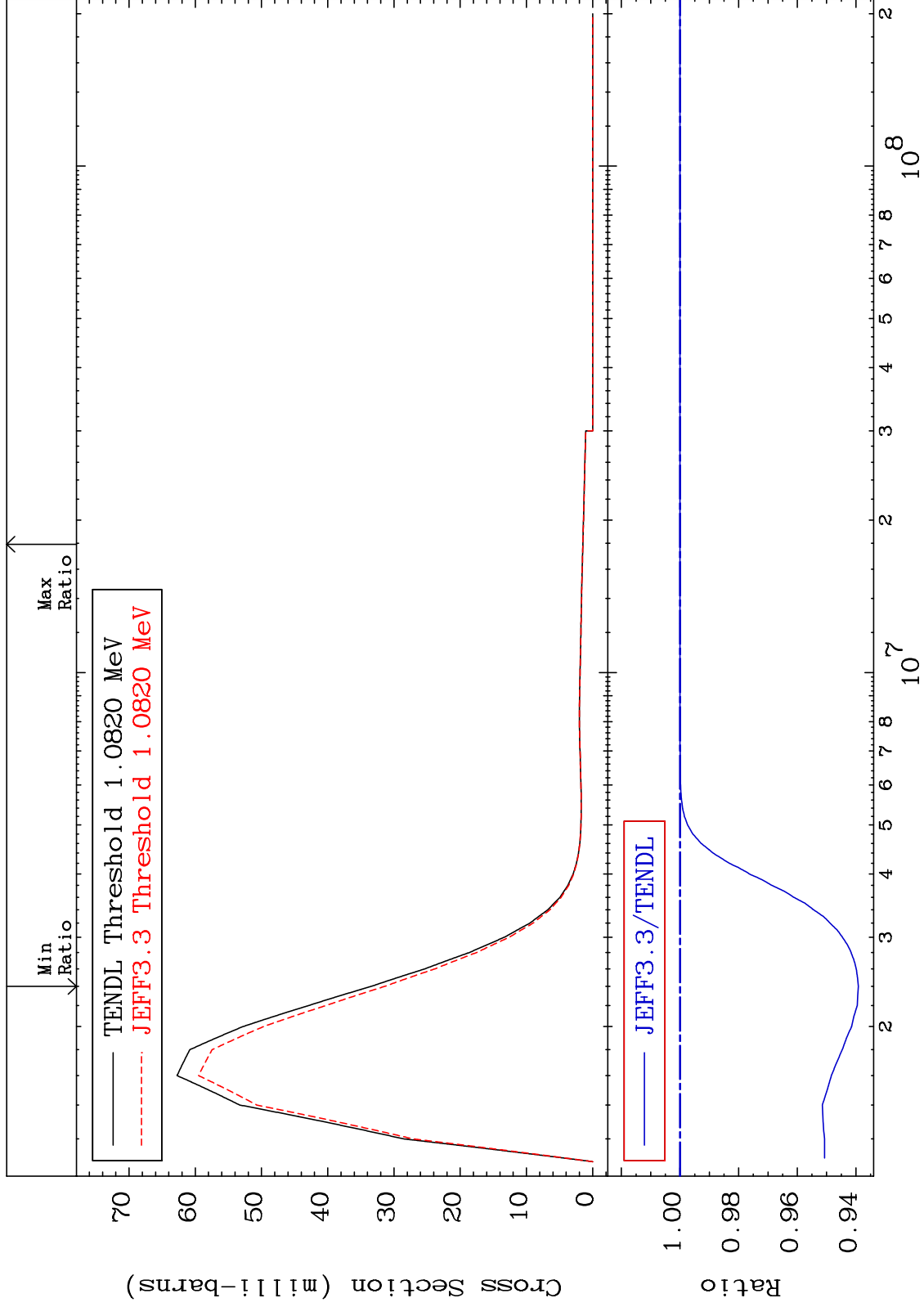




MAT 8834

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

88-Ra-226  
-6.084 To 0.000 %



40

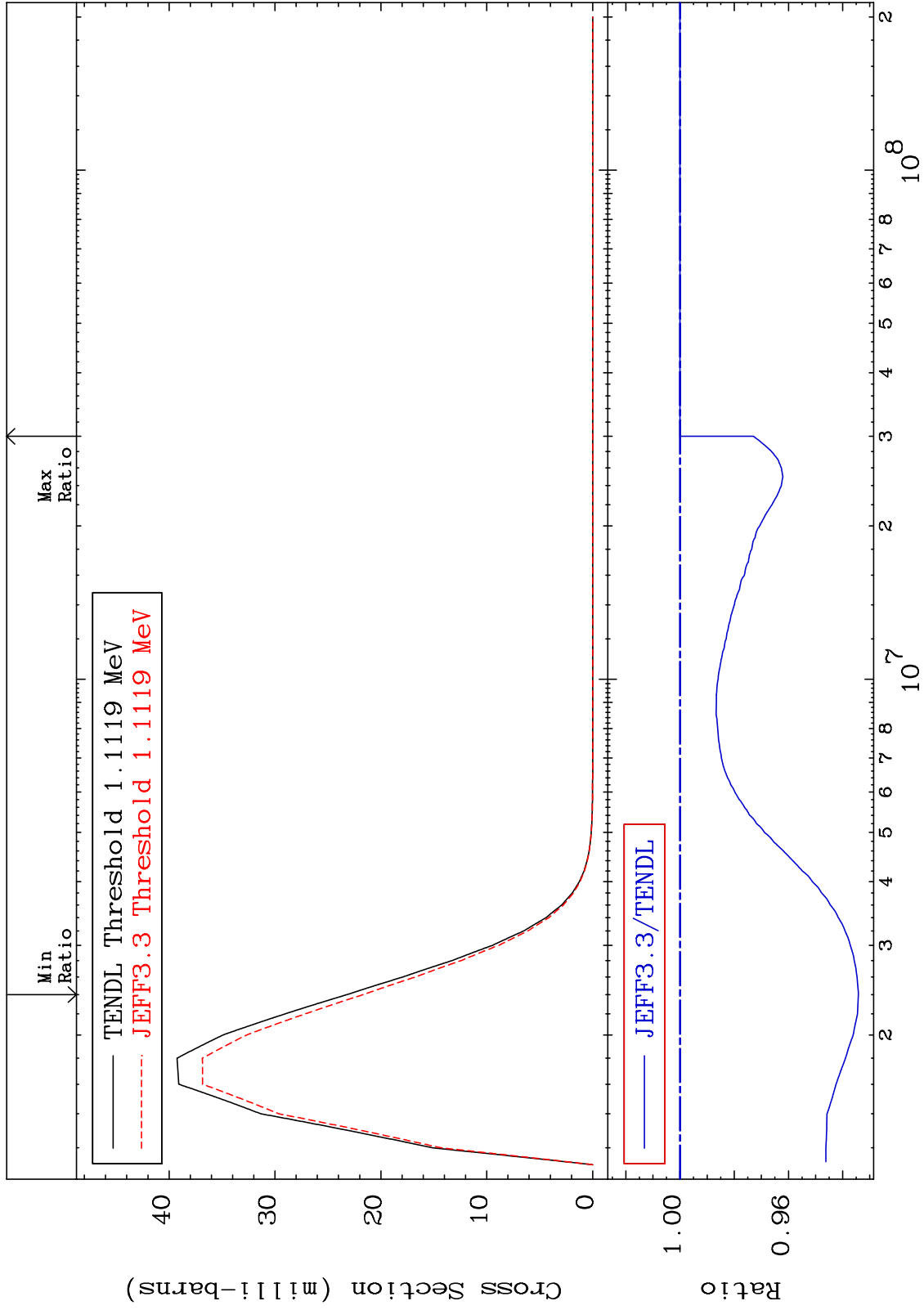
Incident Energy (eV)

88-Ra-226

MAT 8834

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

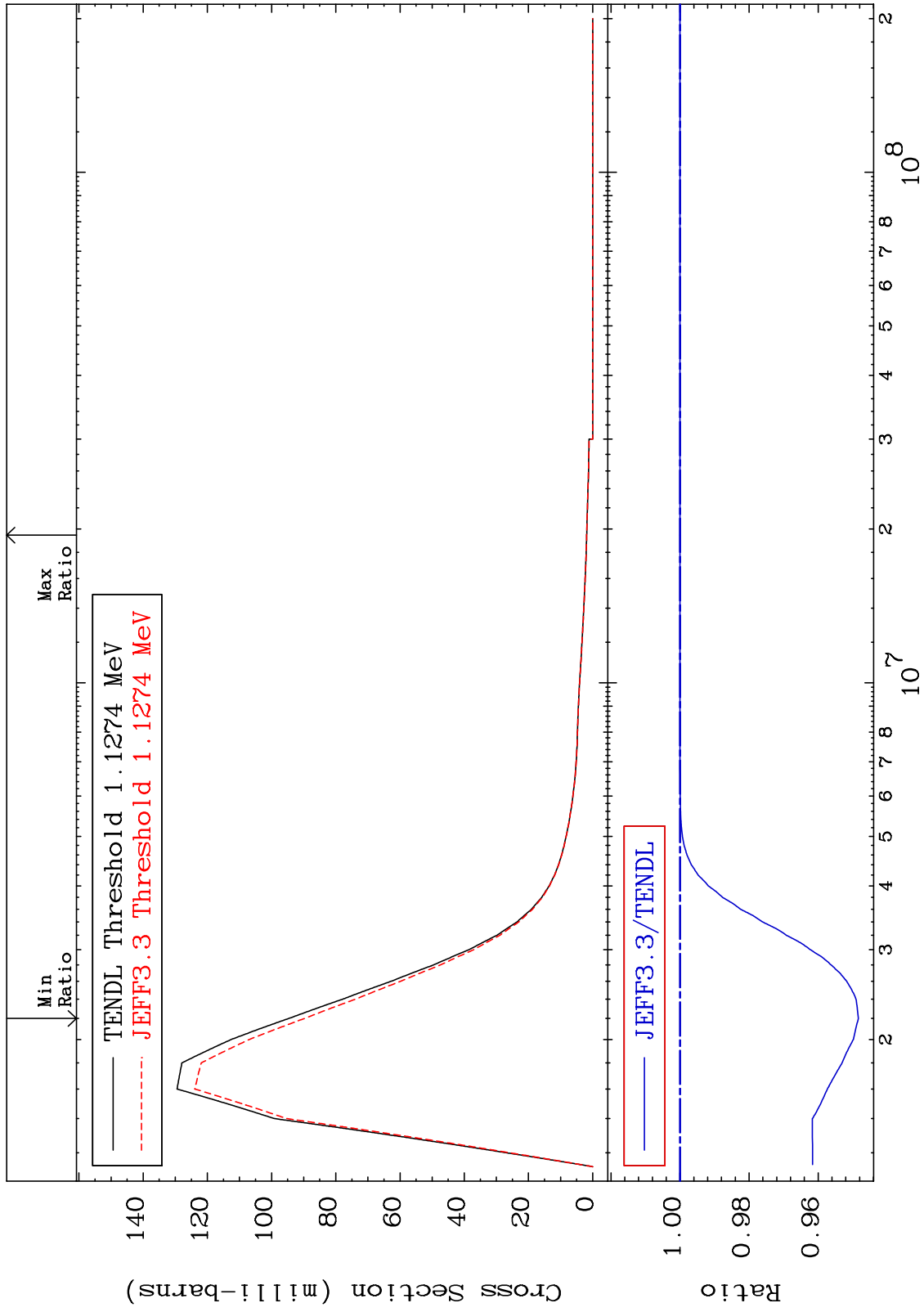
88-Ra-226  
-6.580 To 0.000 %



MAT 8834

MT= 68 (n, n') Level  
Cross Section

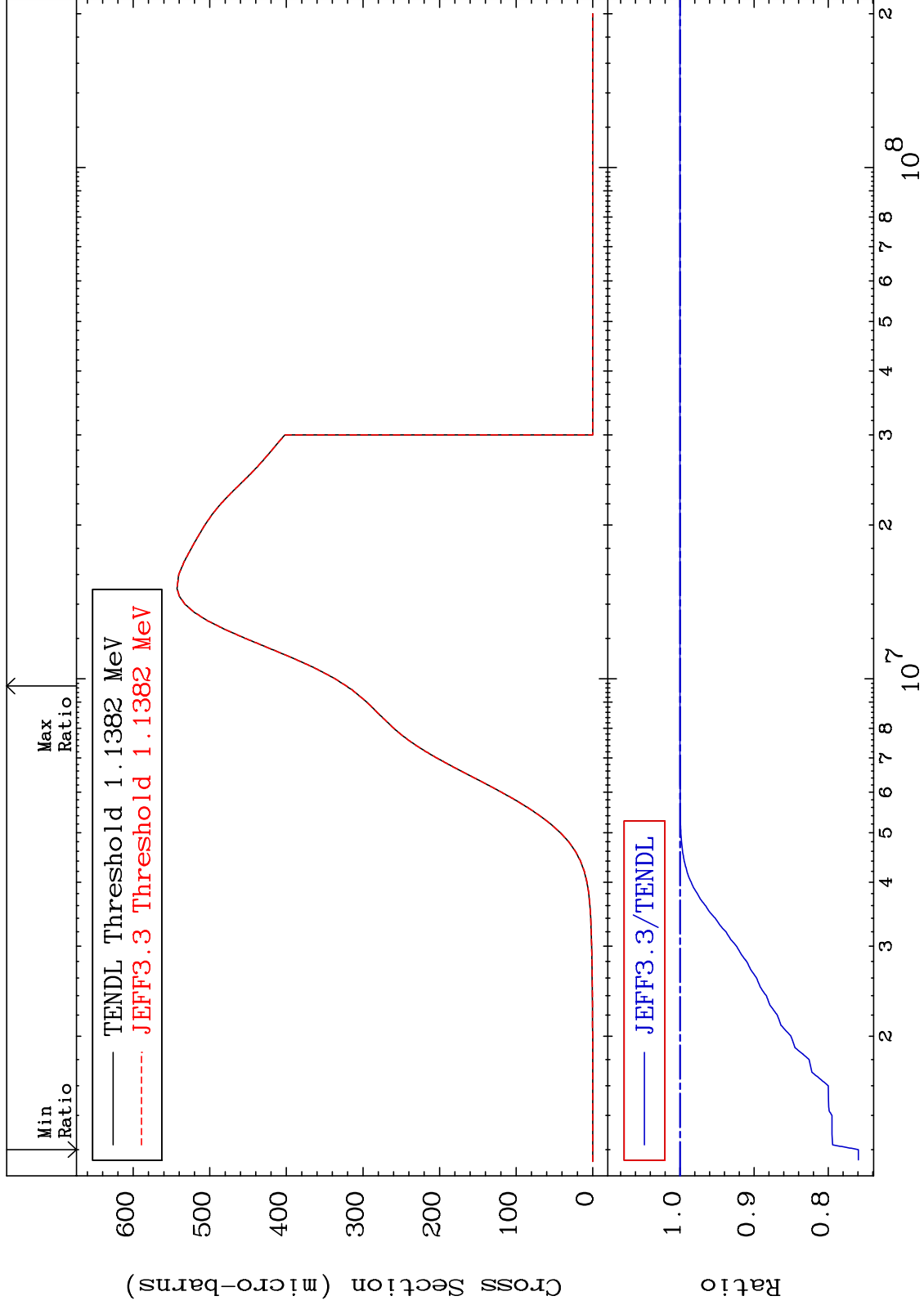
88-Ra-226  
-5.165 To 0.000 %



MAT 8834

MT= 69 (n, n') Level  
Cross Section

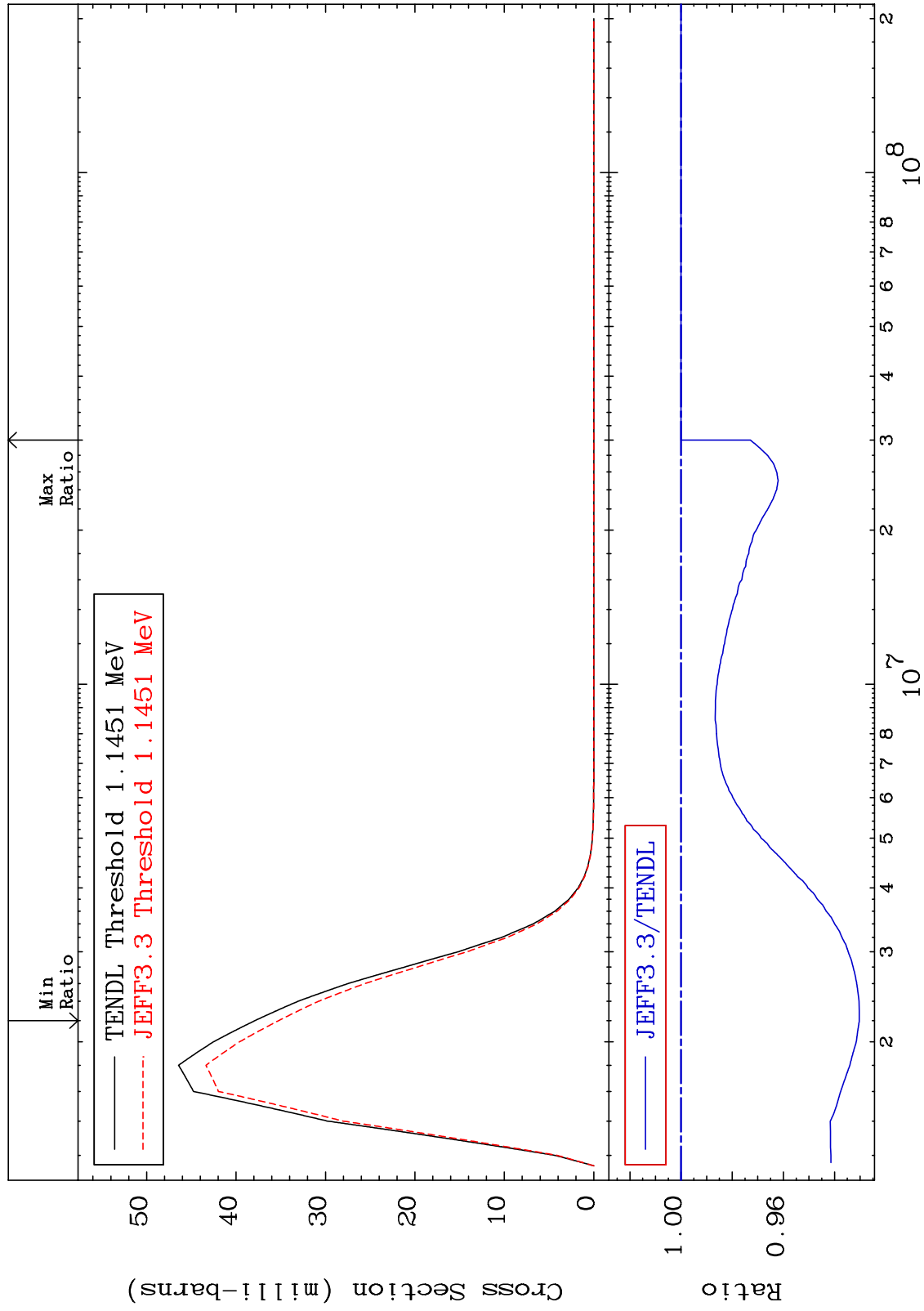
88-Ra-226  
-24.05 To 0.000 %



MAT 8834

MT= 70 (n,n') Level  
Cross Section

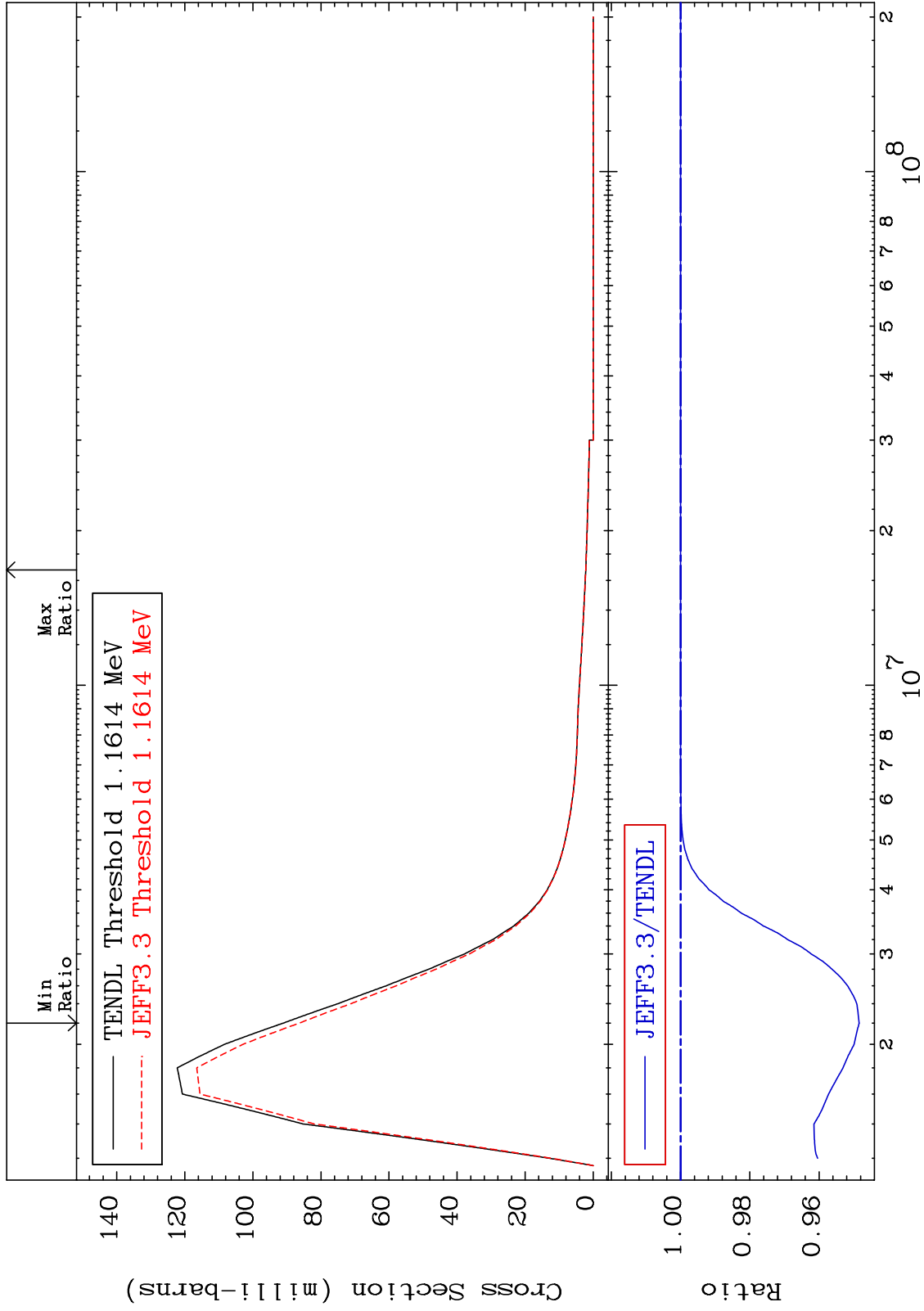
88-Ra-226  
-6.968 To 0.000 %



MAT 8834

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

88-Ra-226  
-5.158 To 0.000 %



45

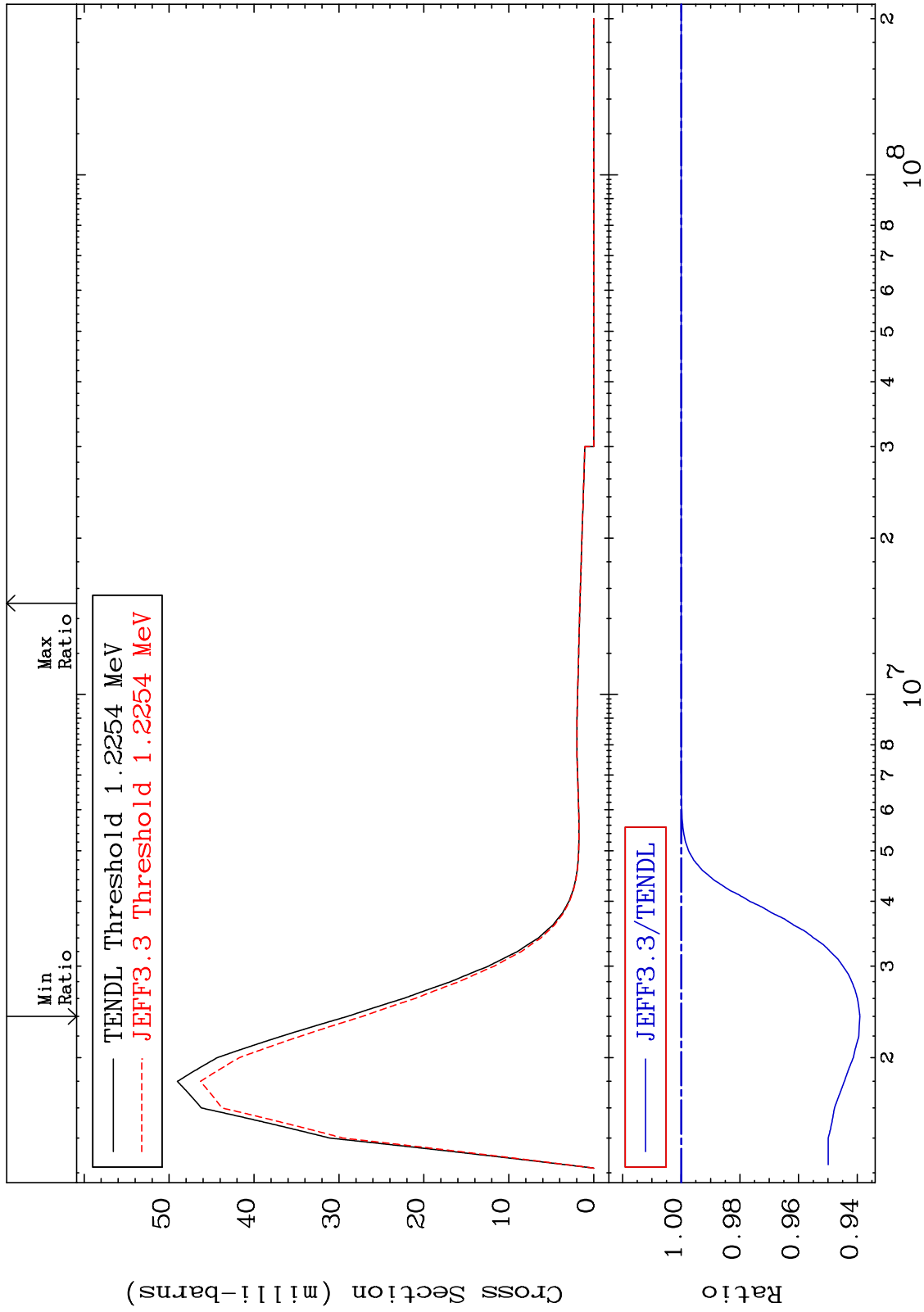
88-Ra-226

88-Ra-226

MAT 8834

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

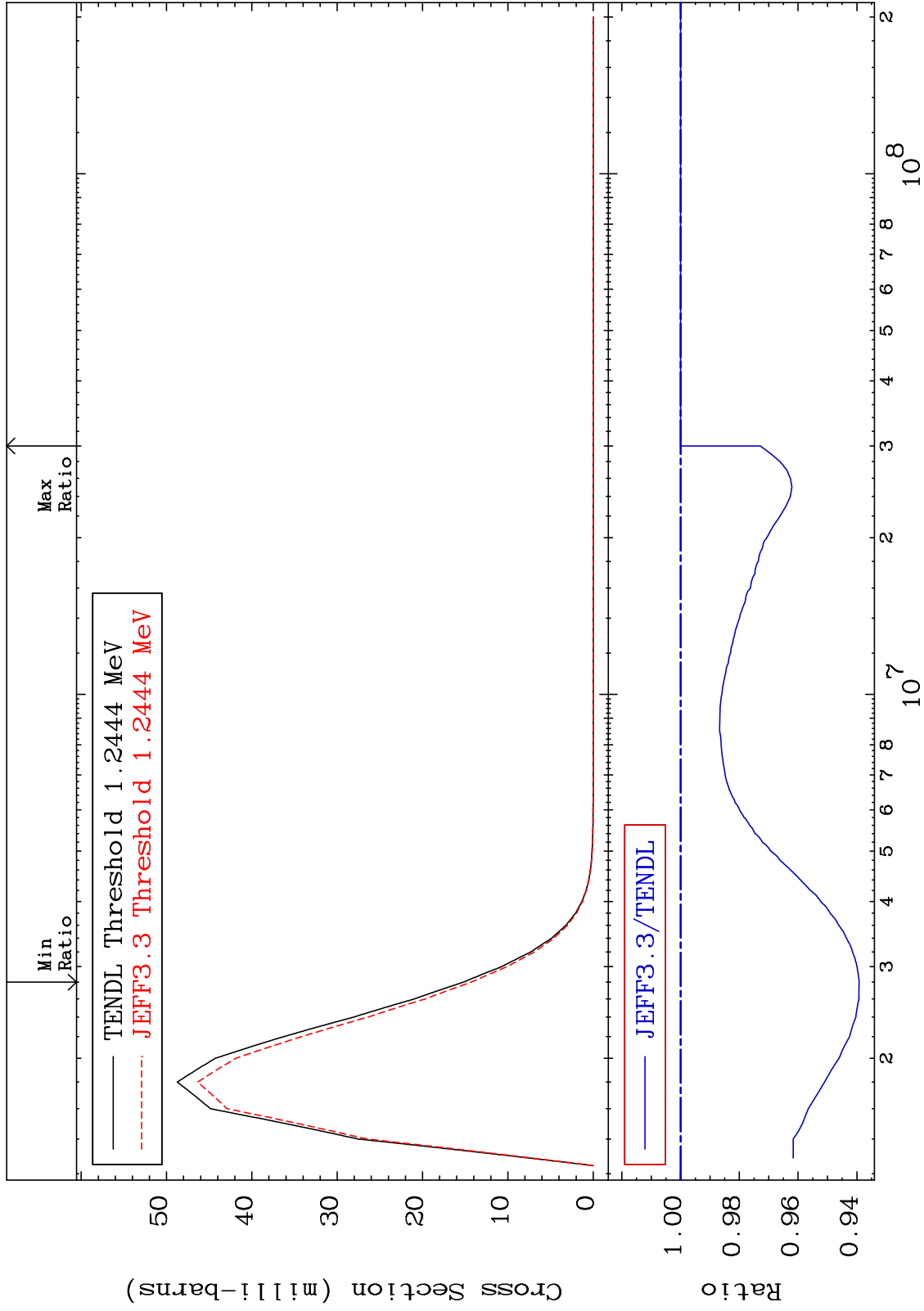
88-Ra-226  
-6.090 To 0.000 %



MAT 8834

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

88-Ra-226  
-6.079 To 0.000 %

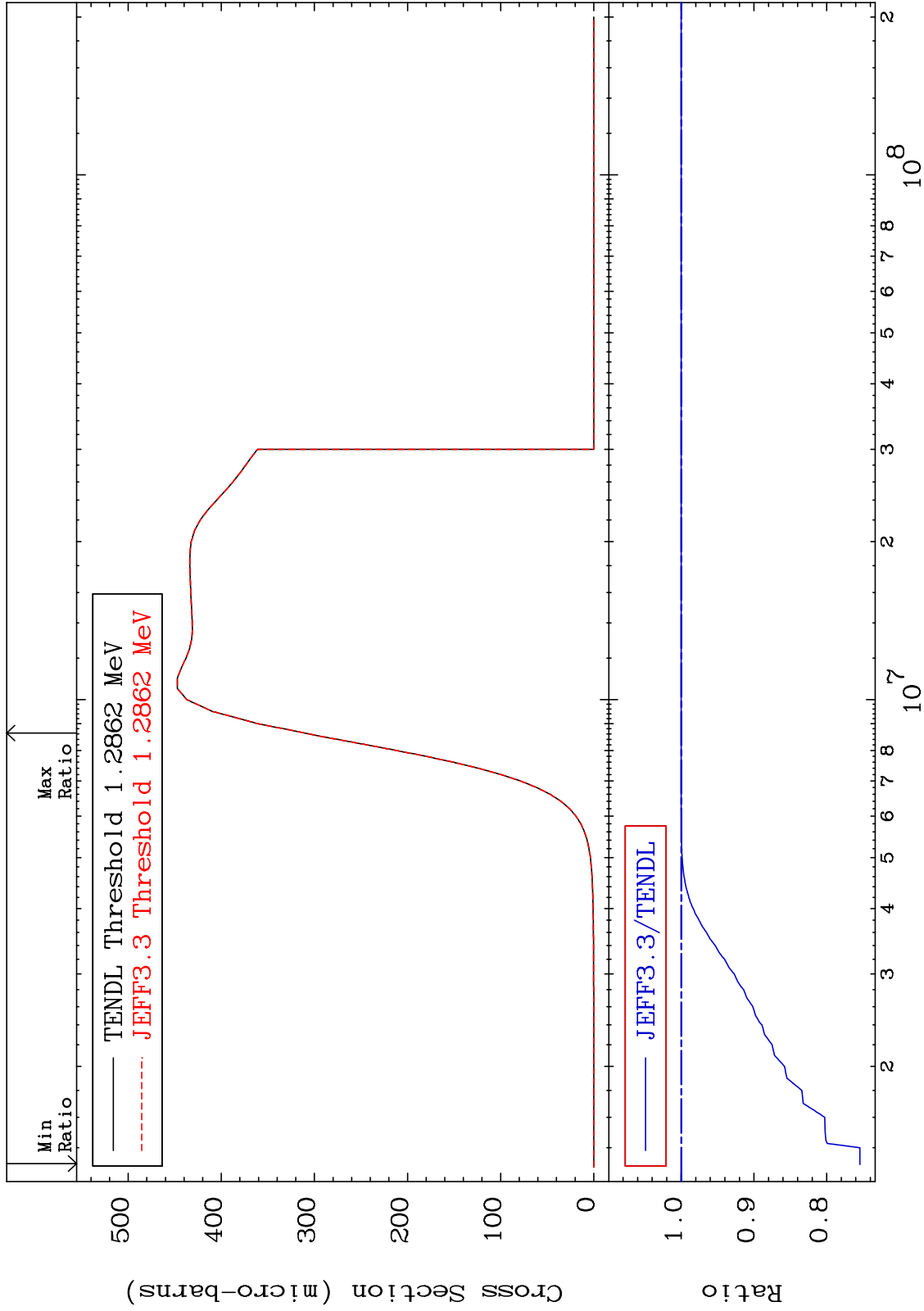




MAT 8834

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

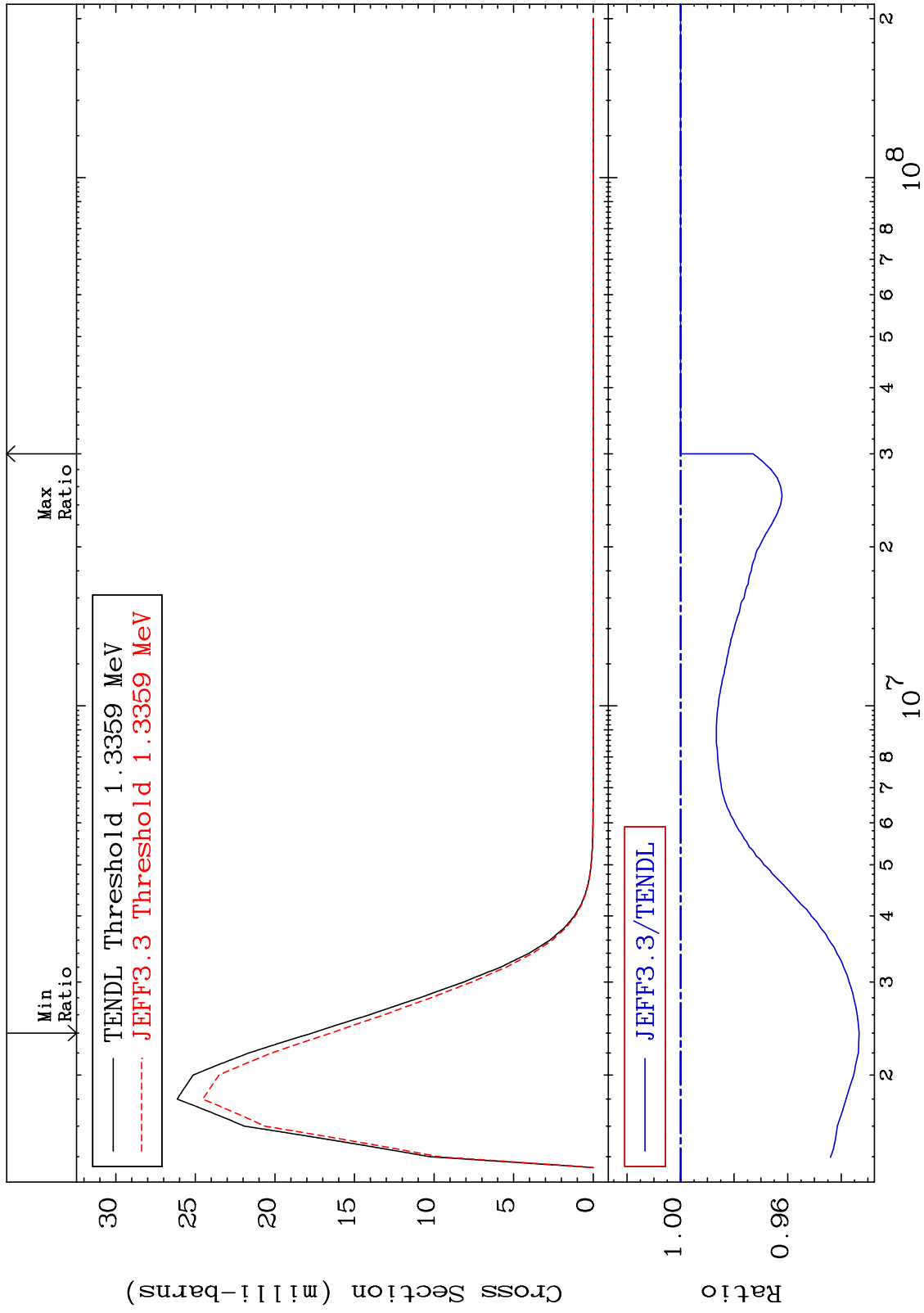
88-Ra-226  
-24.57 To 0.000 %



MAT 8834

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

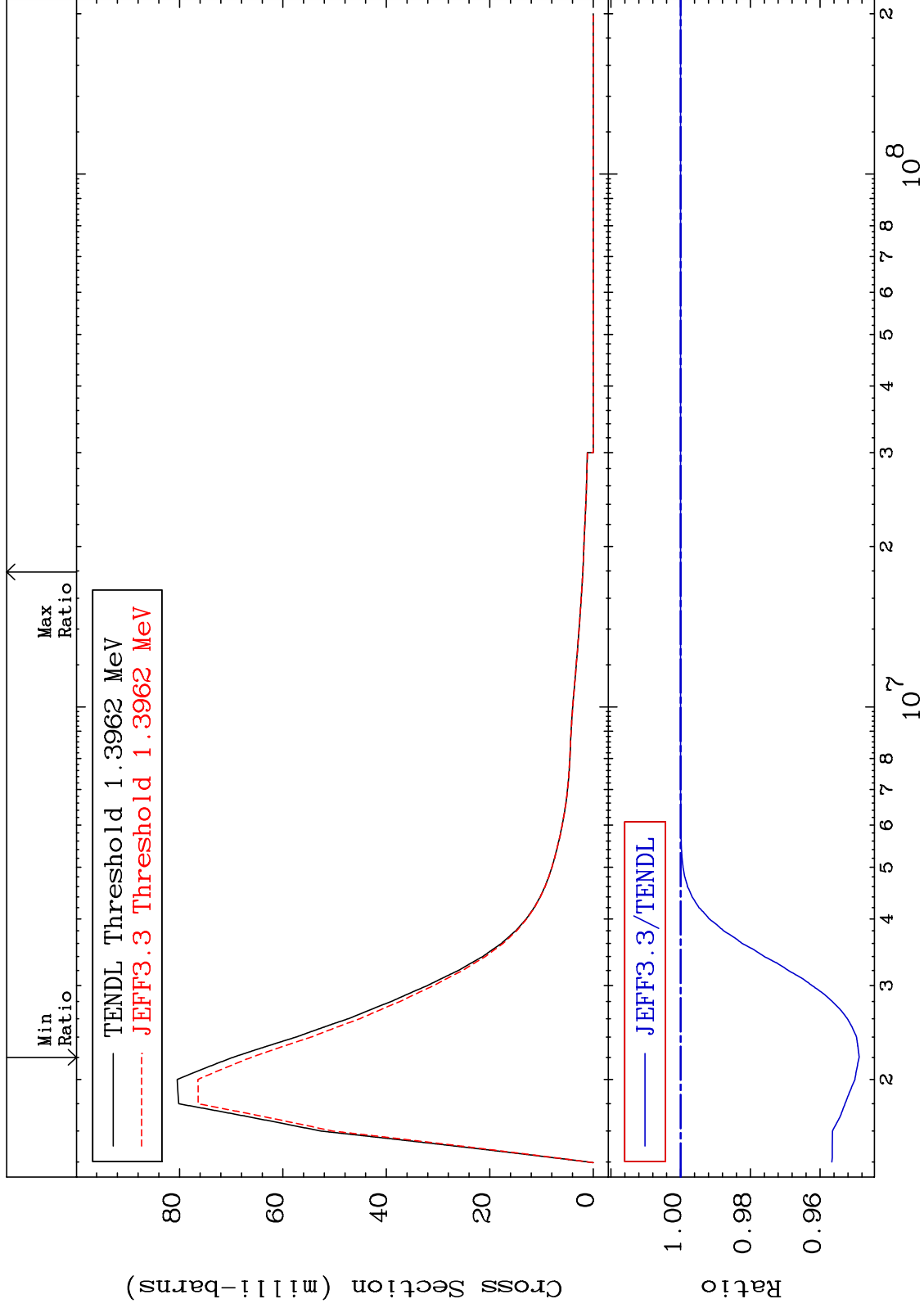
88-Ra-226  
-6.672 To 0.000 %



MAT 8834

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

88-Ra-226  
-5.122 To 0.000 %



50

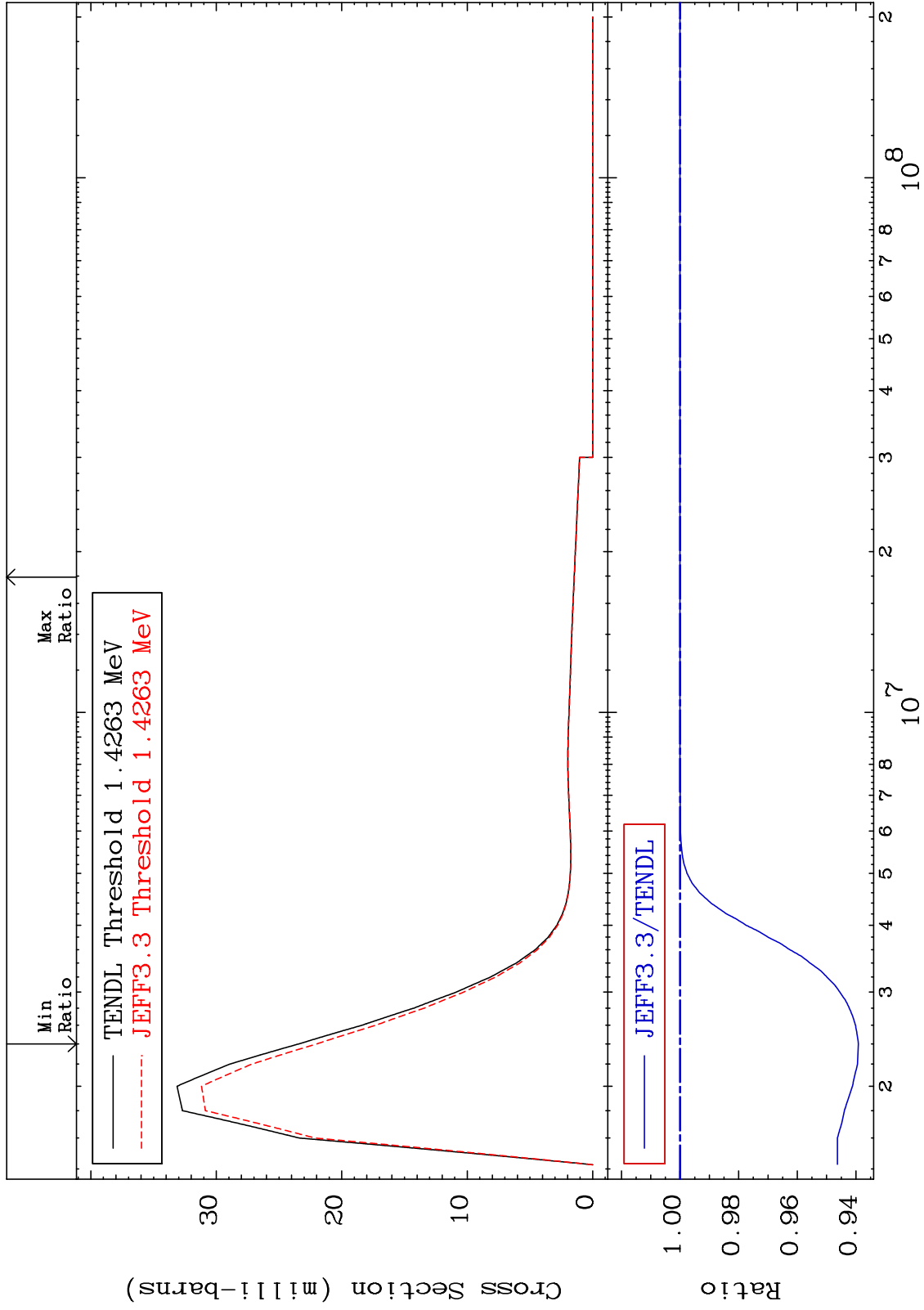
Incident Energy (eV)

88-Ra-226

MAT 8834

MT= 77 (n, n') Level  
Cross Section

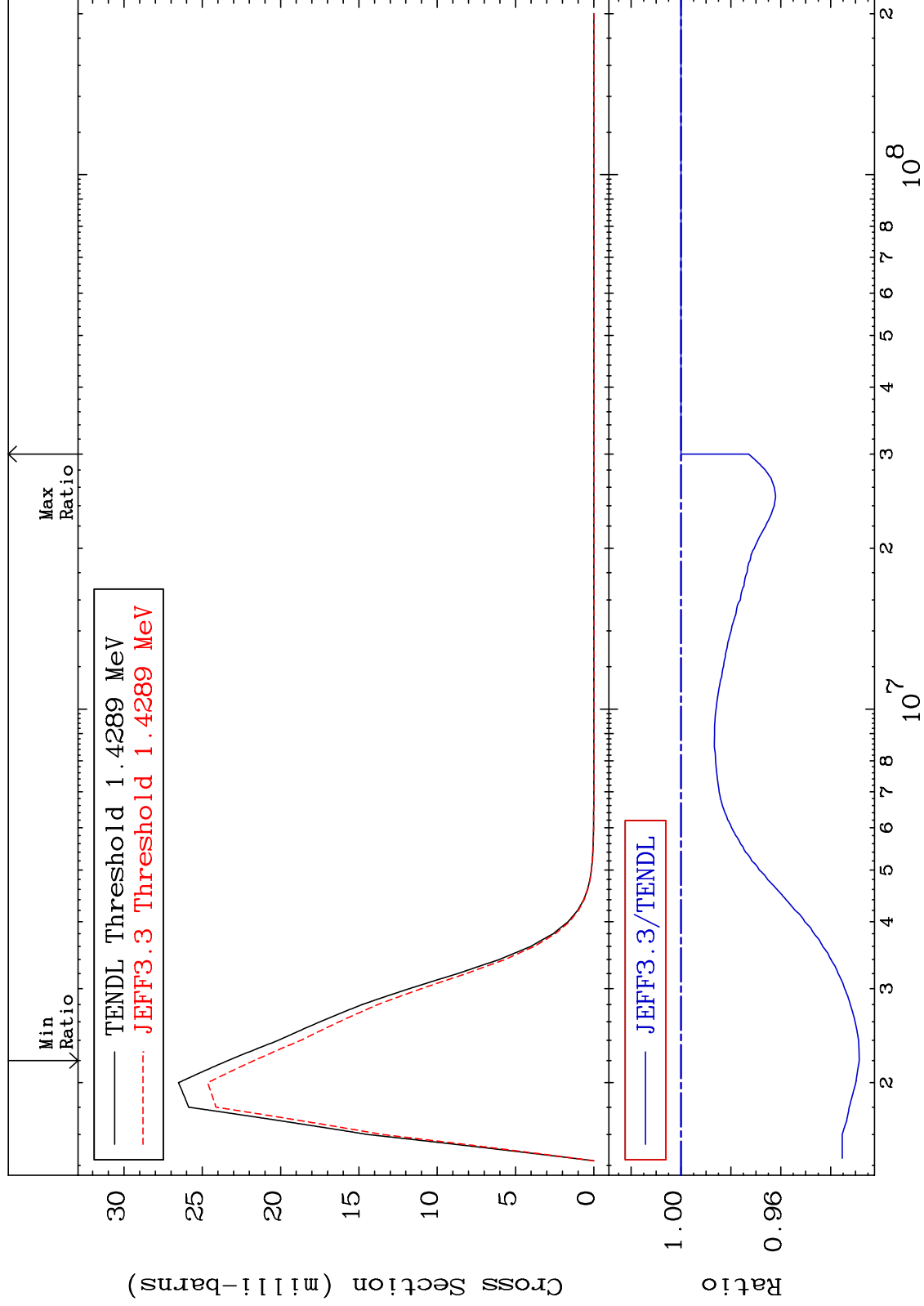
88-Ra-226  
-6.085 To 0.000 %



MAT 8834

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

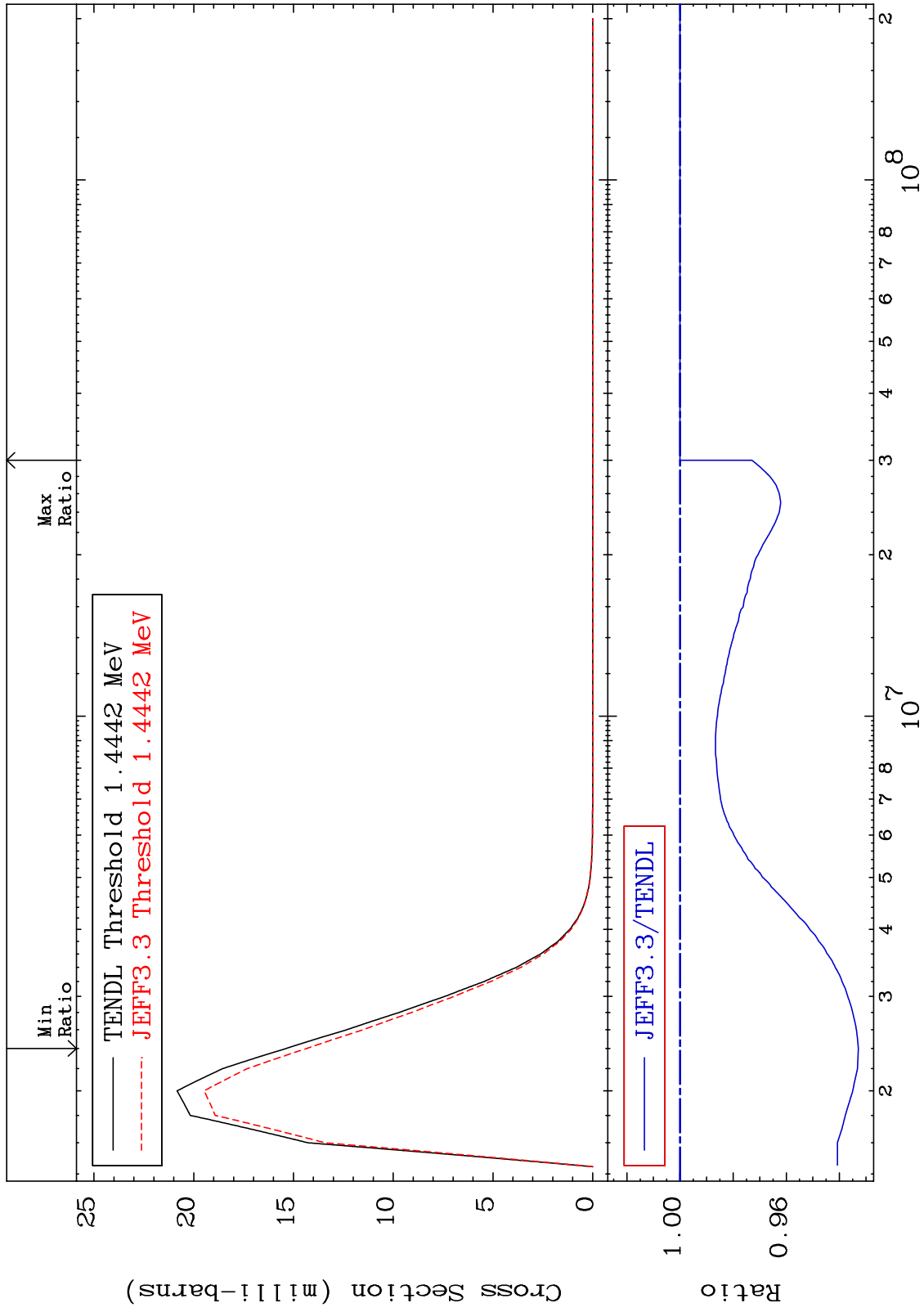
88-Ra-226  
-7.149 To 0.000 %



MAT 8834

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

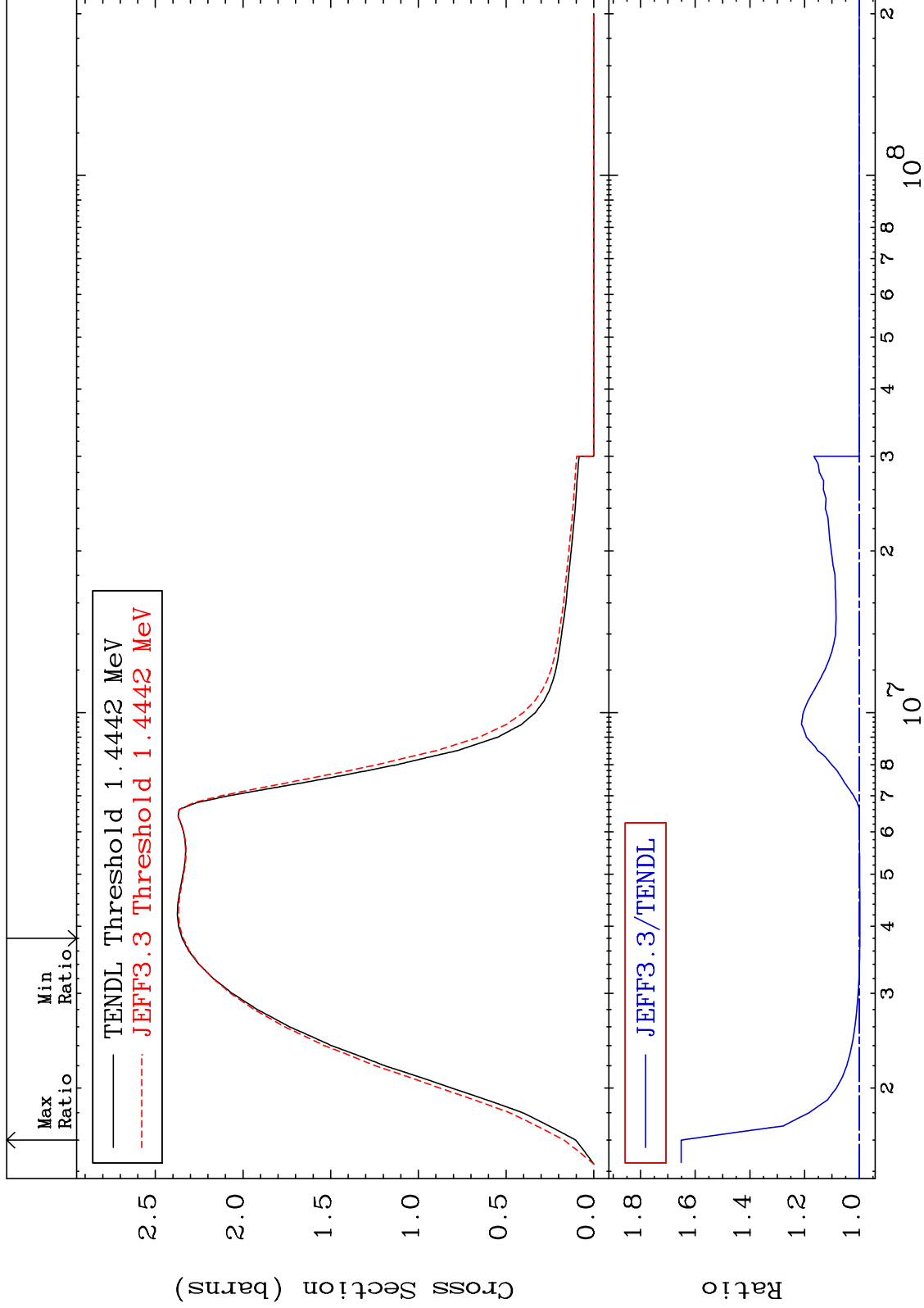
88-Ra-226  
-6.714 To 0.000 %



MAT 8834

(n, n') Continuum  
Cross Section

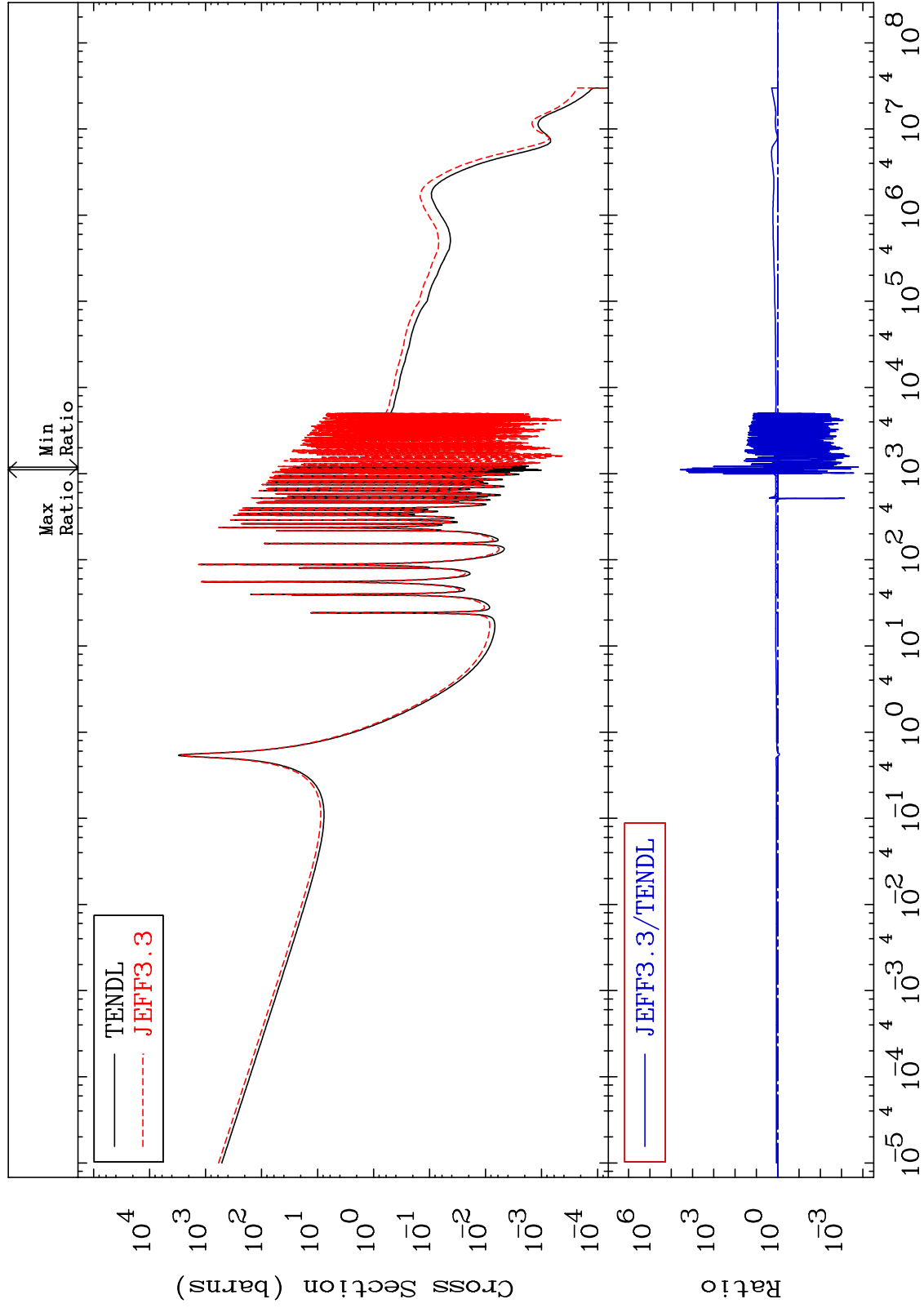
88-Ra-226  
-0.238 To 65.13 %



MAT 8834

(n,  $\gamma$ )  
Cross Section

88-Ra-226  
-99.98 To 9999. %



55

Incident Energy (eV)

88-Ra-226



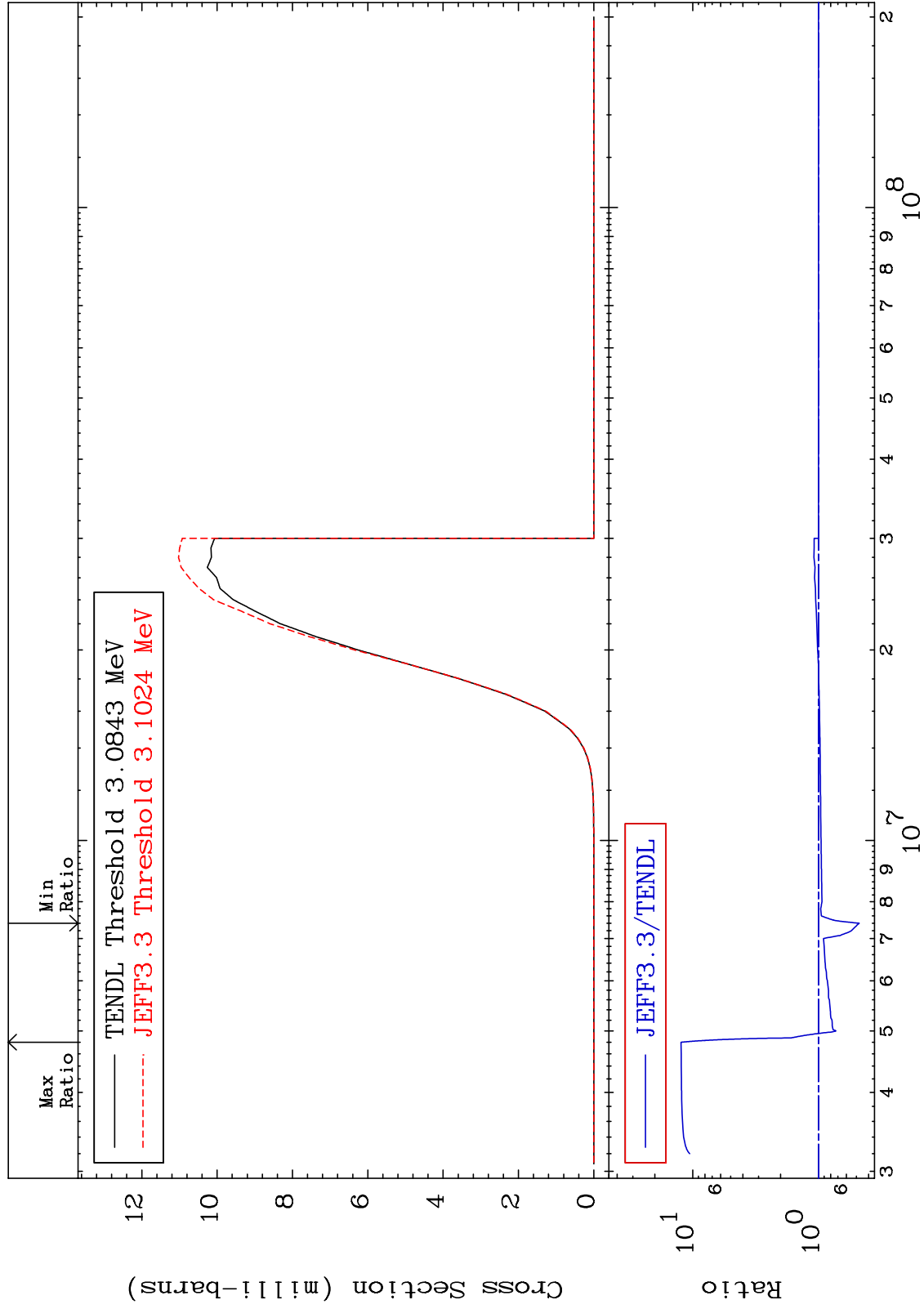
MAT 8834

(n, p)

88-Ra-226

Cross Section

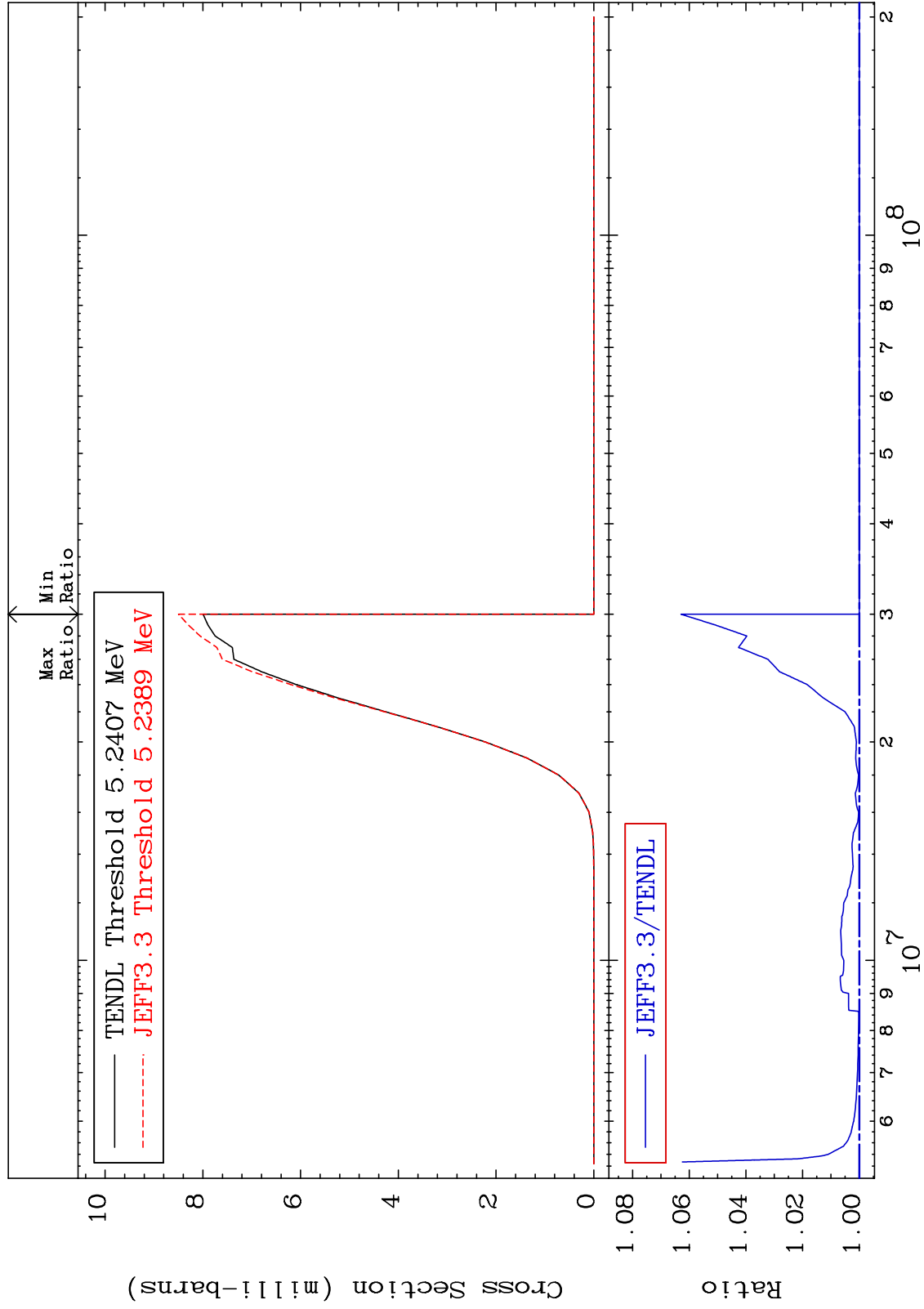
-52.62 To 1139. %



MAT 8834

(n, d)  
Cross Section

88-Ra-226  
0.000 To 6.293 %



57

Incident Energy (eV)

88-Ra-226

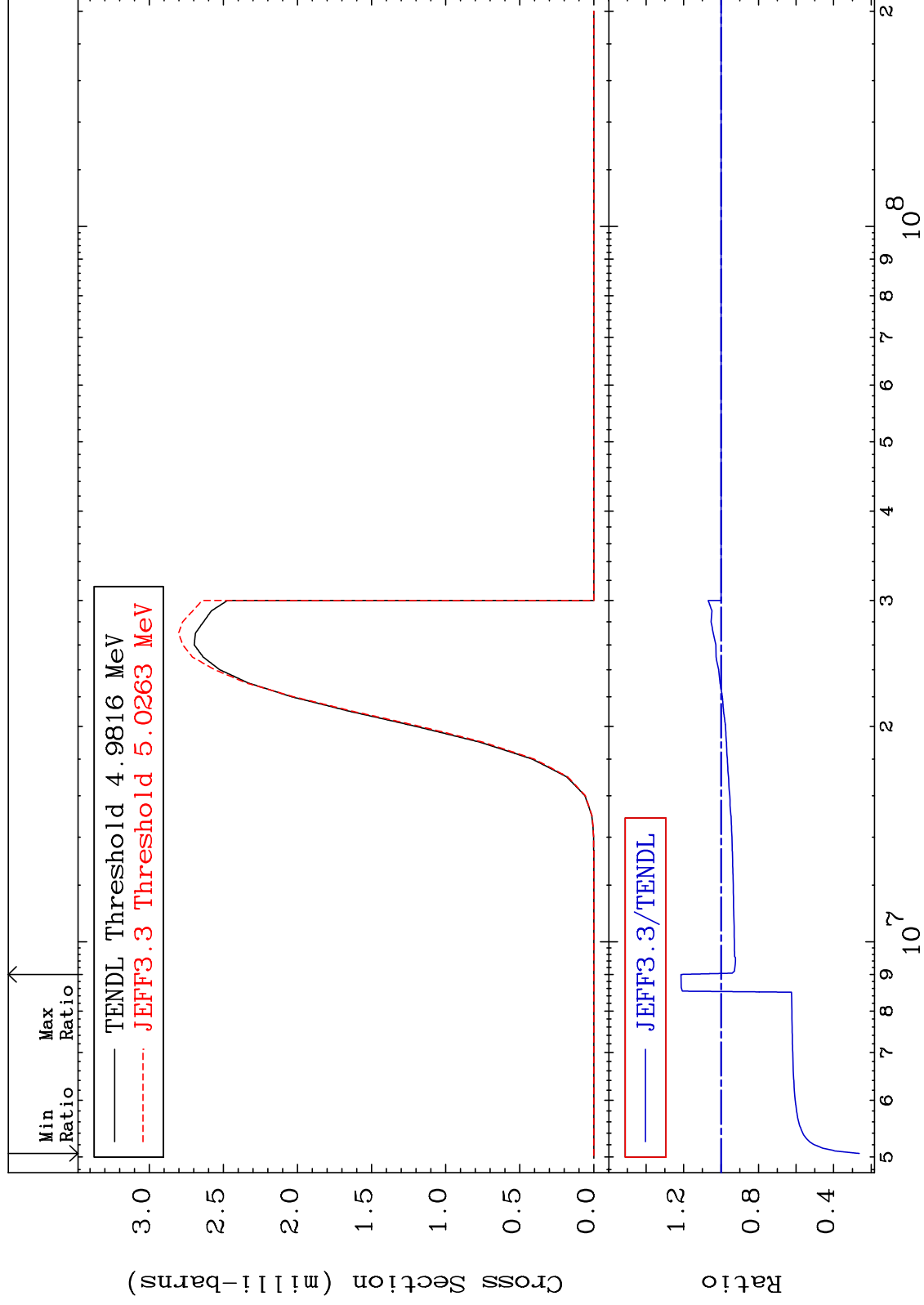
MAT 8834

(n, t)

88-Ra-226

Cross Section

-73.68 To 21.37 %



58

Incident Energy (eV)

88-Ra-226

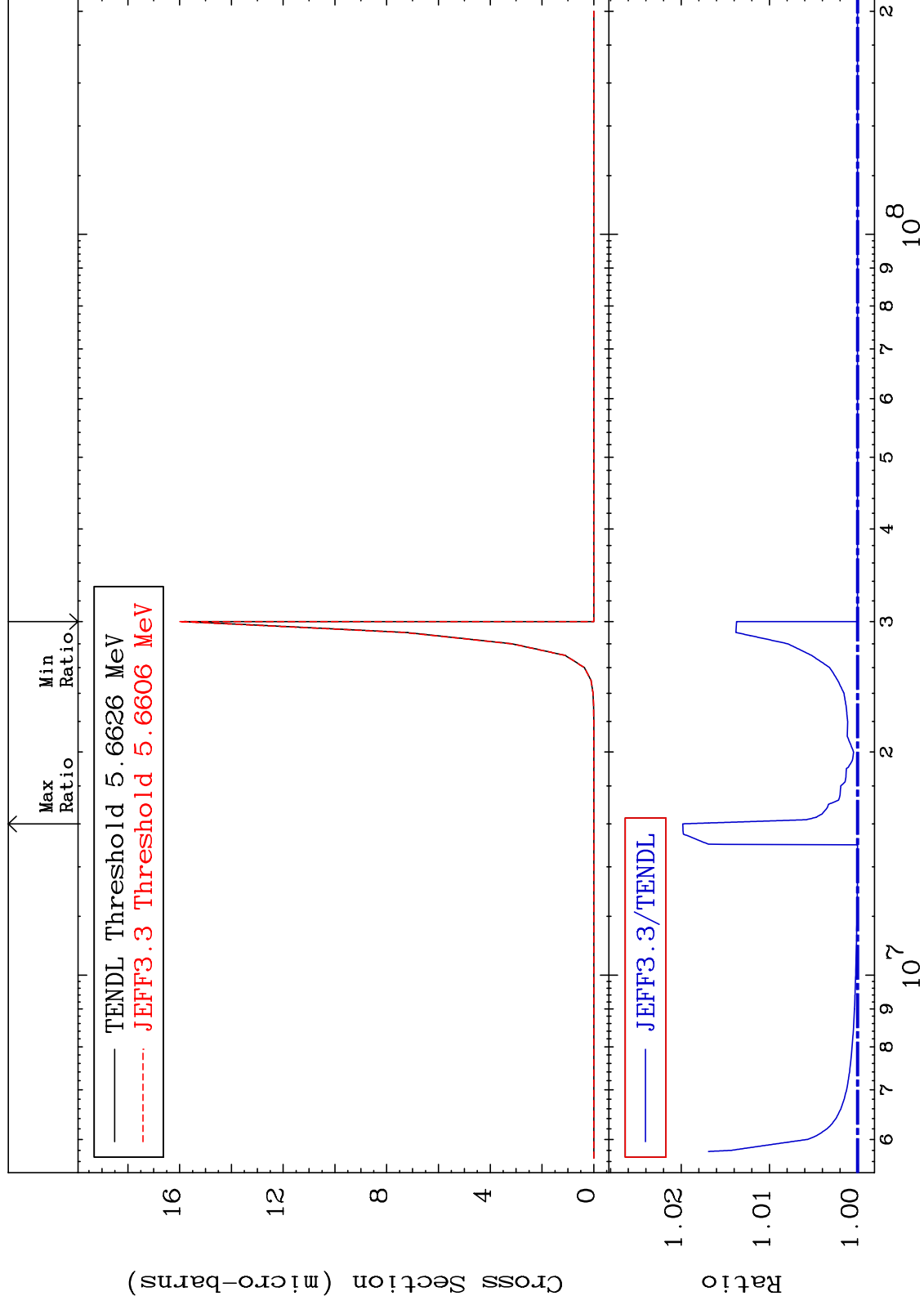
MAT 8834

(n, He-3)

88-Ra-226

0.000 To 1.982 %

Cross Section



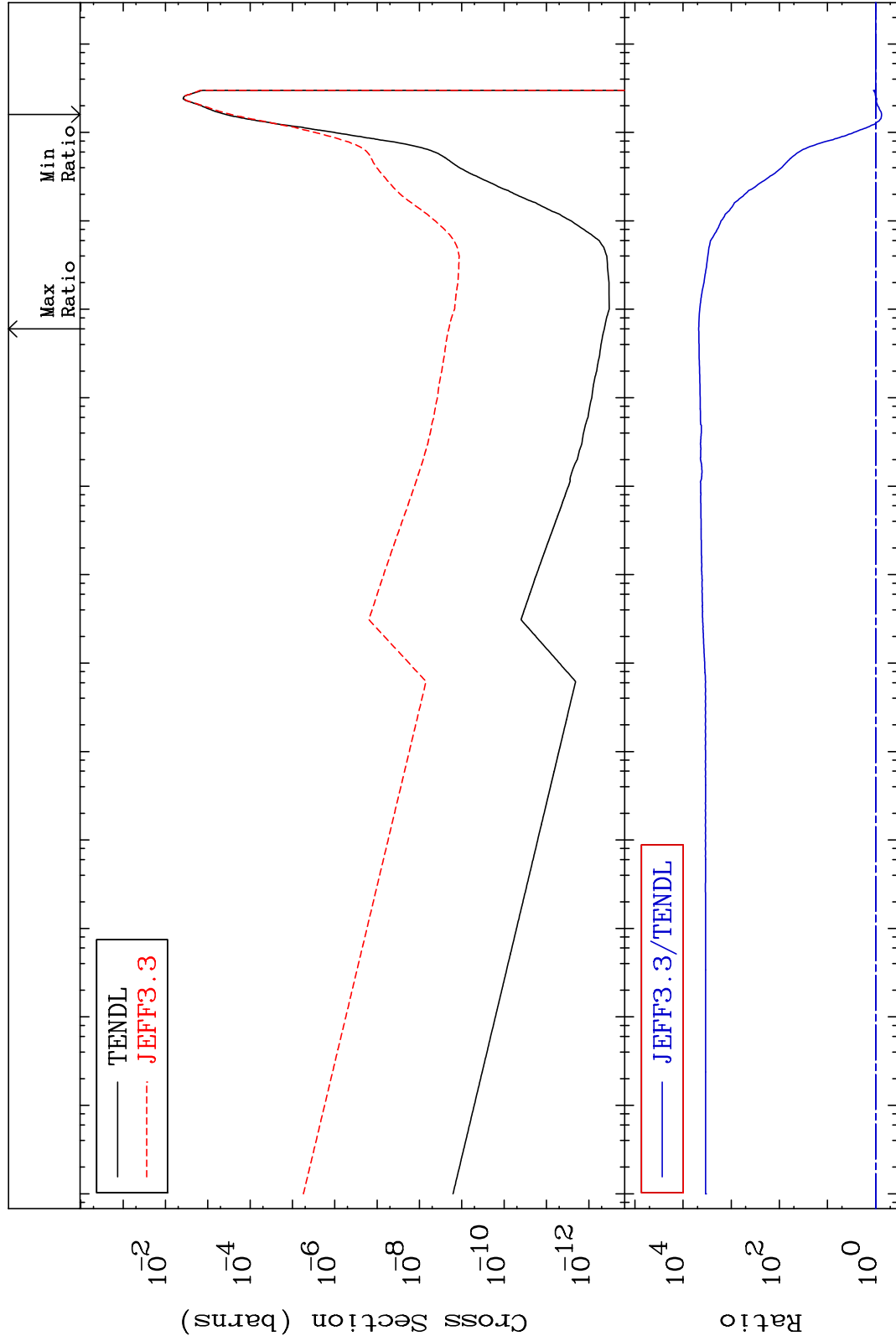
MAT 8834

(n,  $\alpha$ )

88-Ra-226

Cross Section

-24.67 To 9999. %



60

Incident Energy (eV)

88-Ra-226

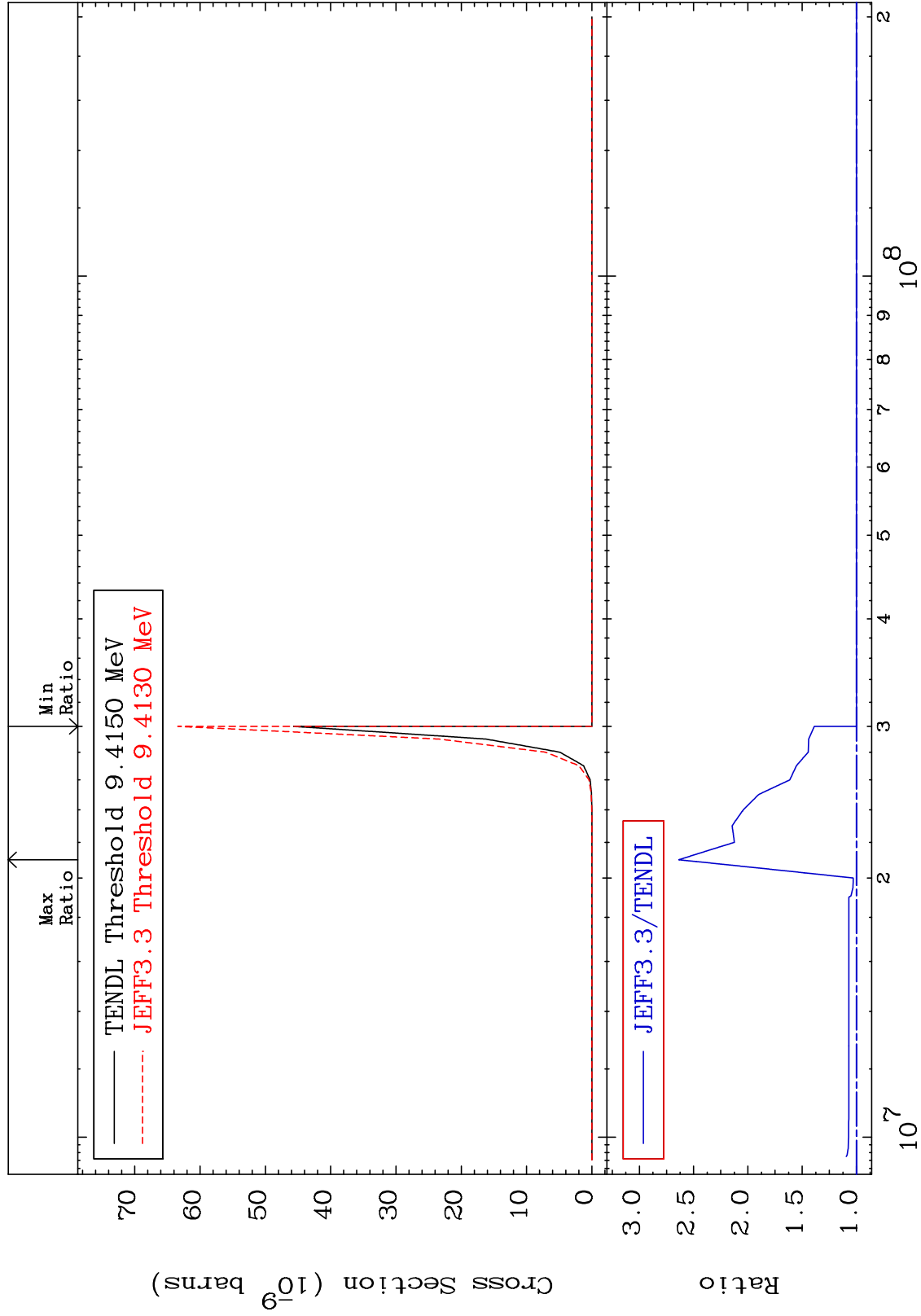
MAT 8834

(n,2p)

88-Ra-226

Cross Section

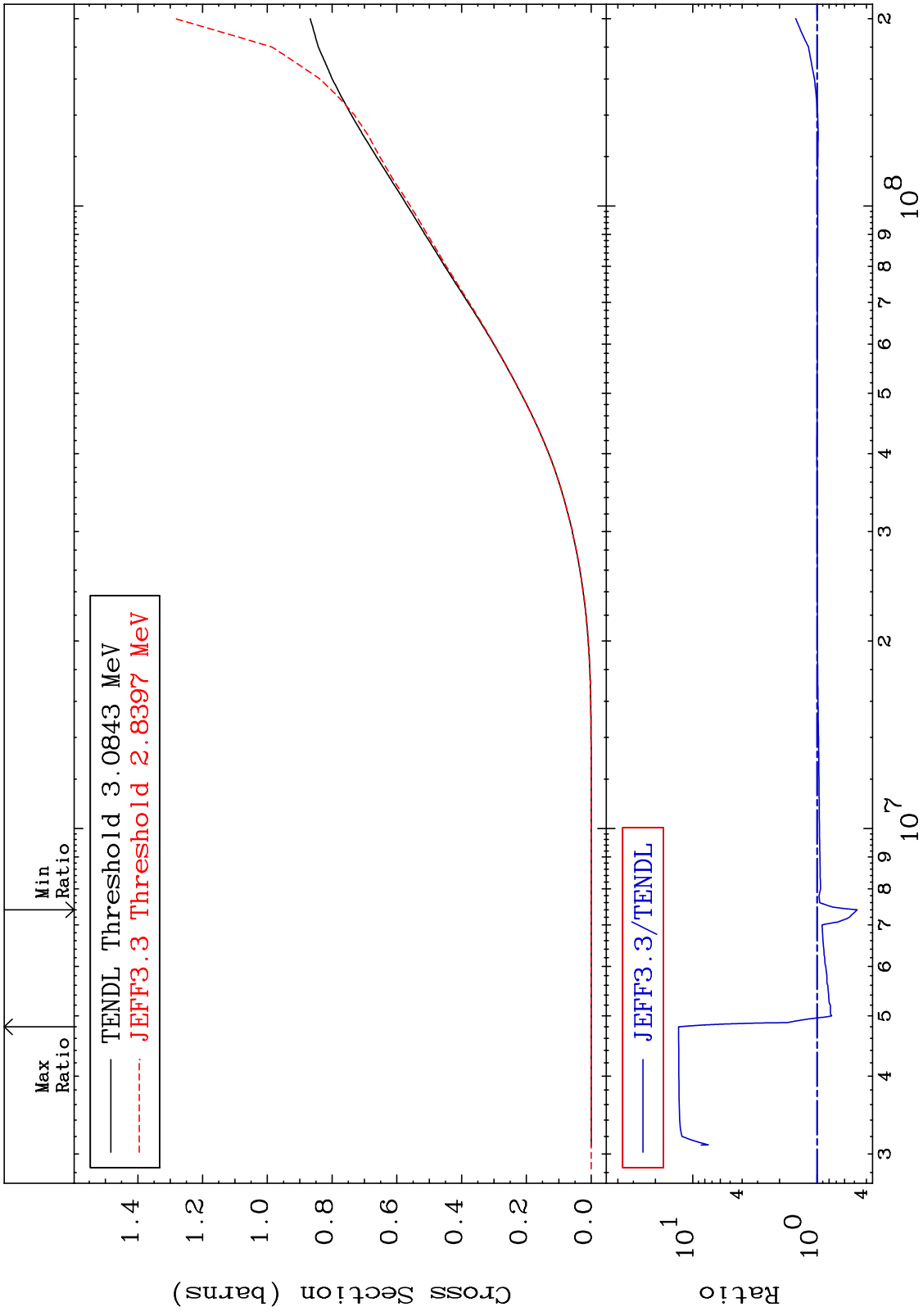
0.000 To 163.6 %



MAT 8834

Hydrogen Production  
Cross Section

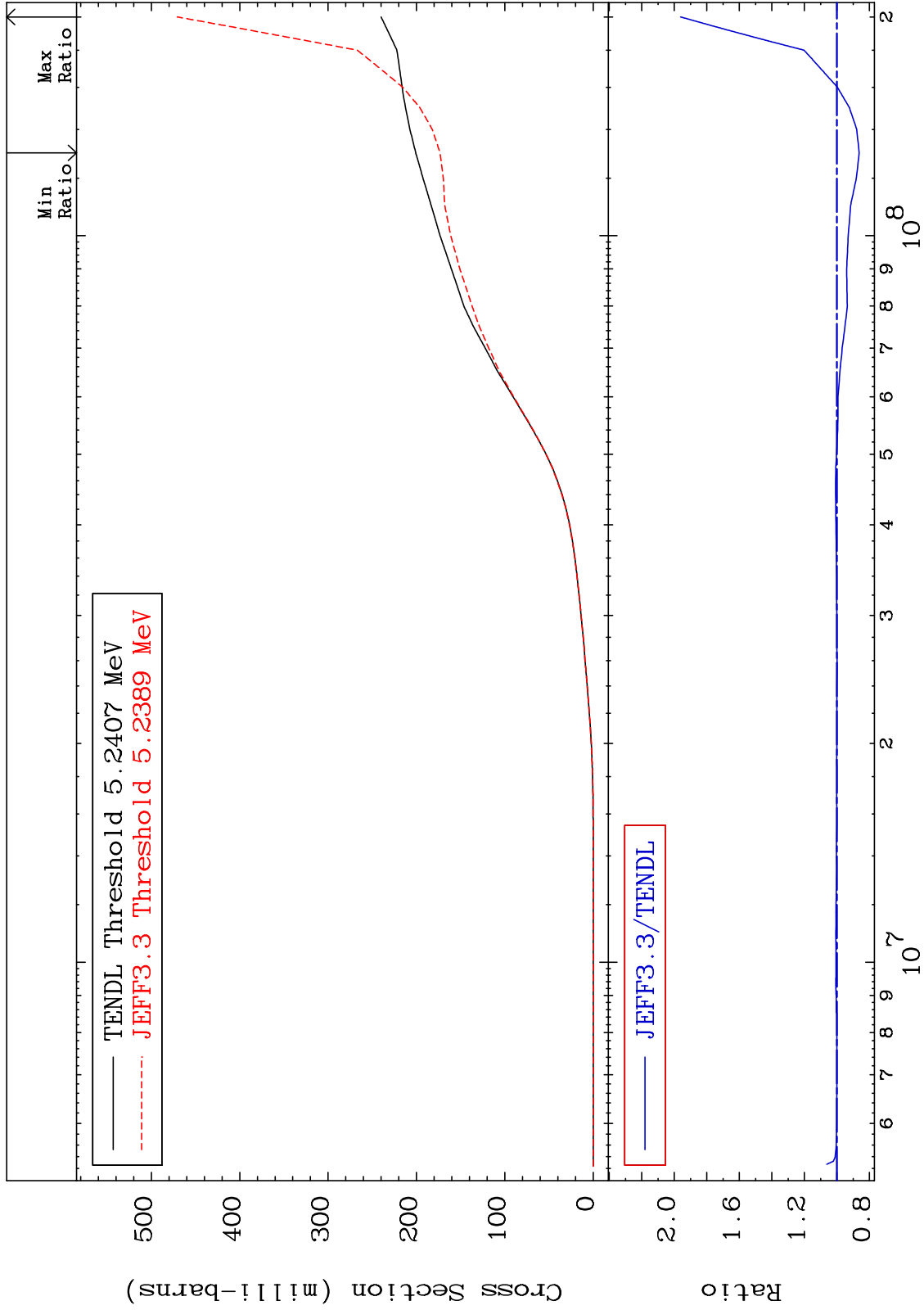
88-Ra-226  
-52.62 To 1198. %



MAT 8834

Deuterium Production  
Cross Section

88-Ra-226  
-13.69 To 96.08 %

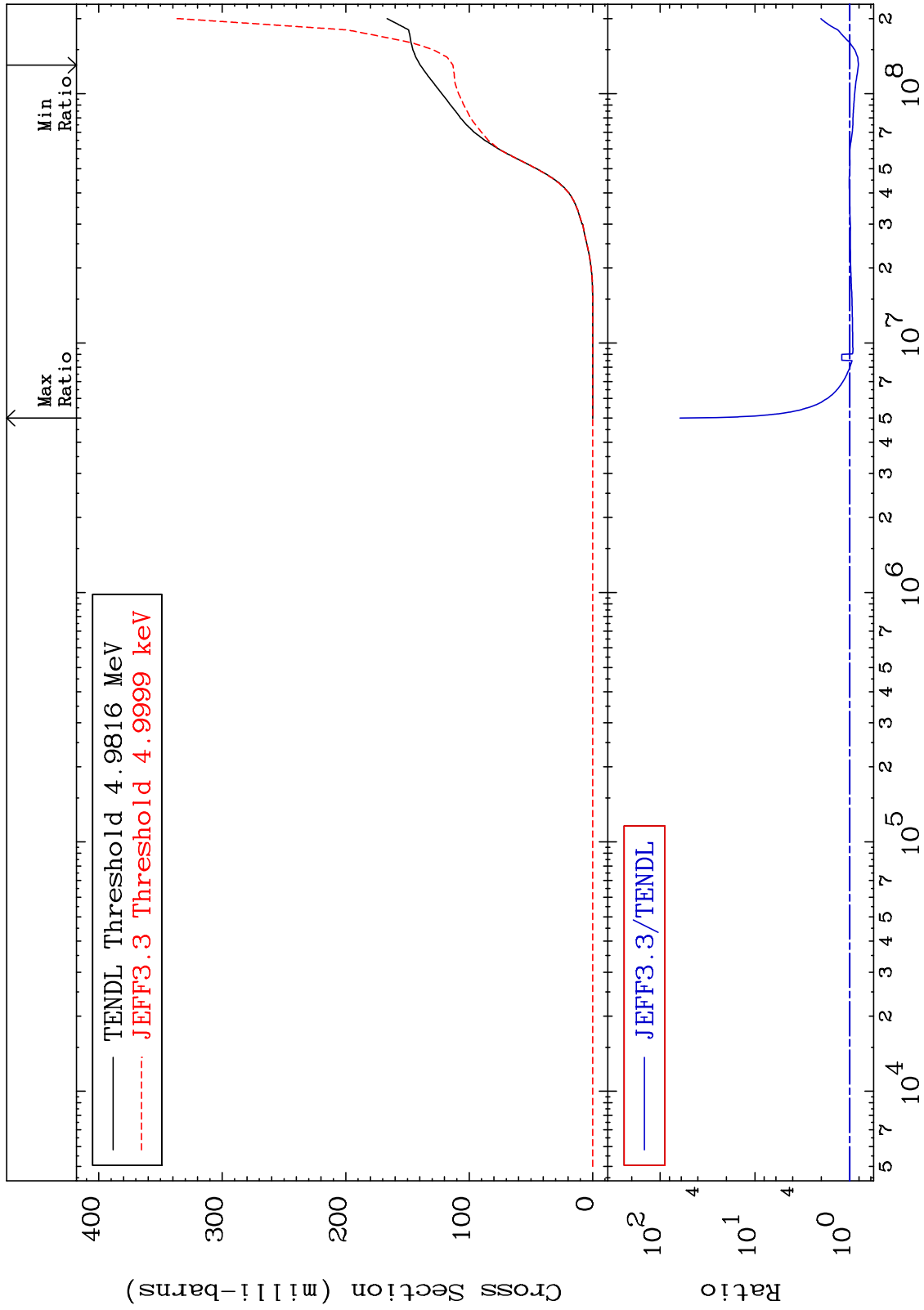




MAT 8834

Tritium Production  
Cross Section

88-Ra-226  
-18.98 To 6077. %



64

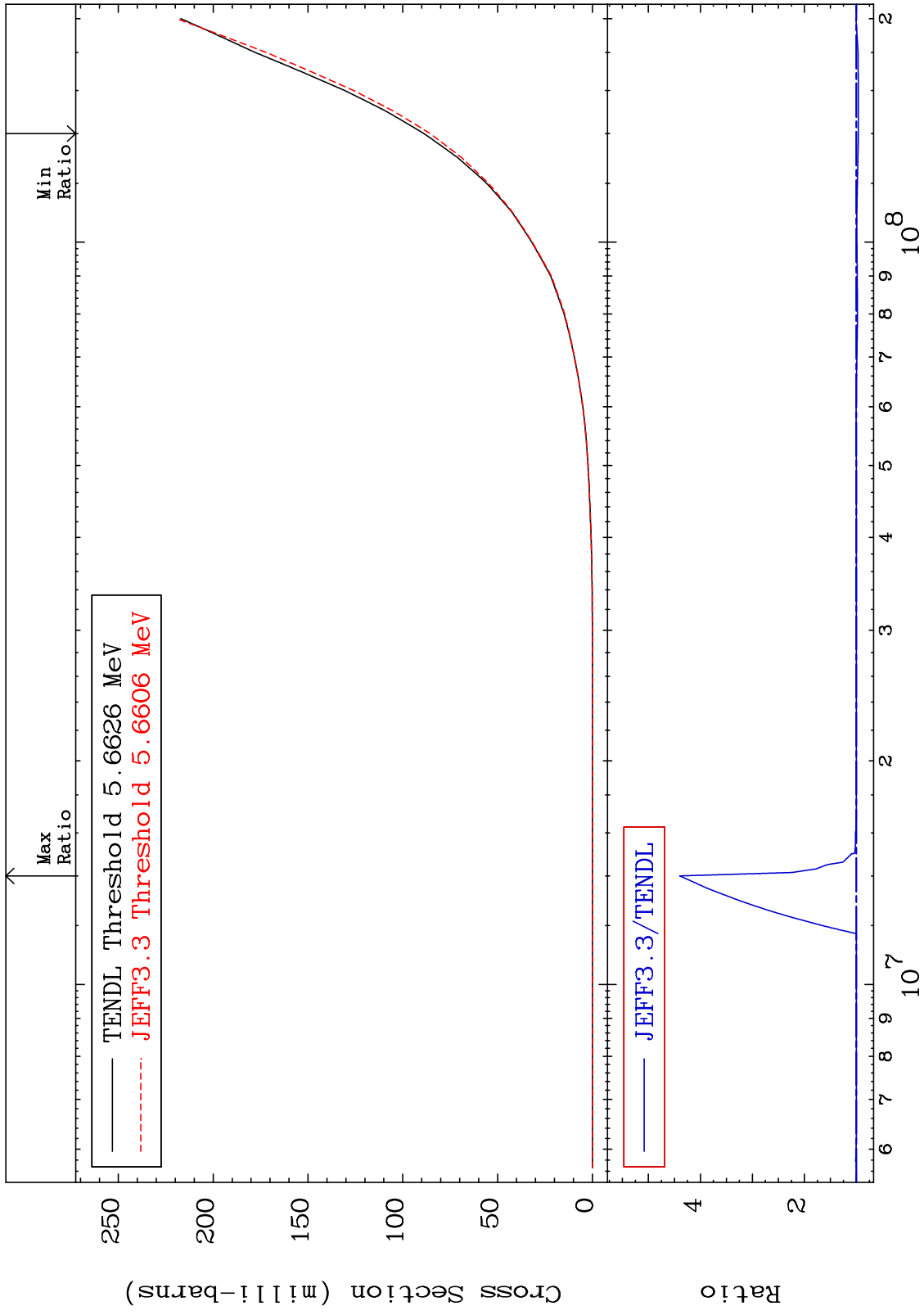
Incident Energy (eV)

88-Ra-226

MAT 8834

He-3 Production  
Cross Section

88-Ra-226  
-3.681 To 339.6 %



65

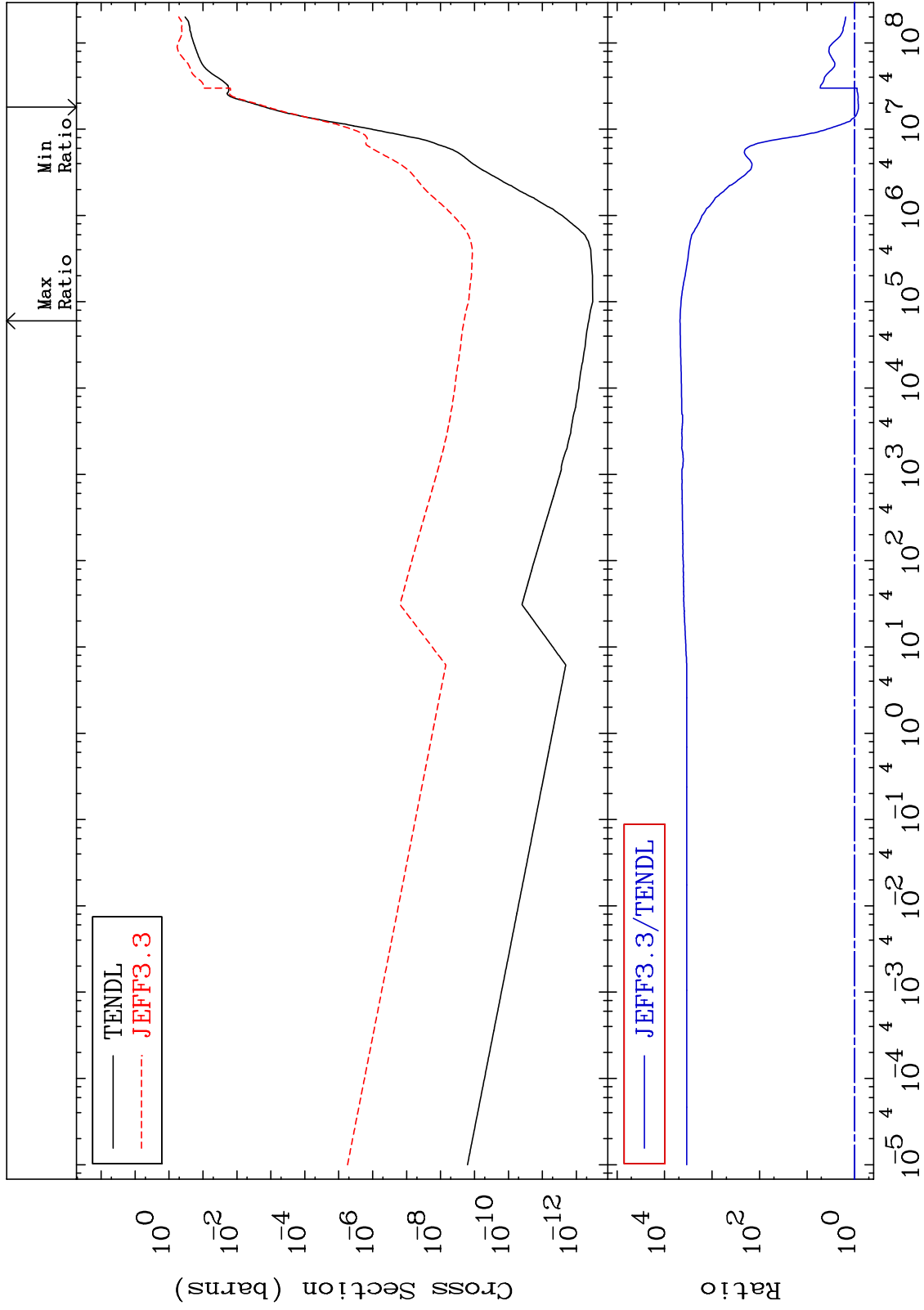
88-Ra-226

88-Ra-226

MAT 8834

He-4 Production  
Cross Section

88-Ra-226  
-16.94 To 9999. %



66

Incident Energy (eV)

88-Ra-226

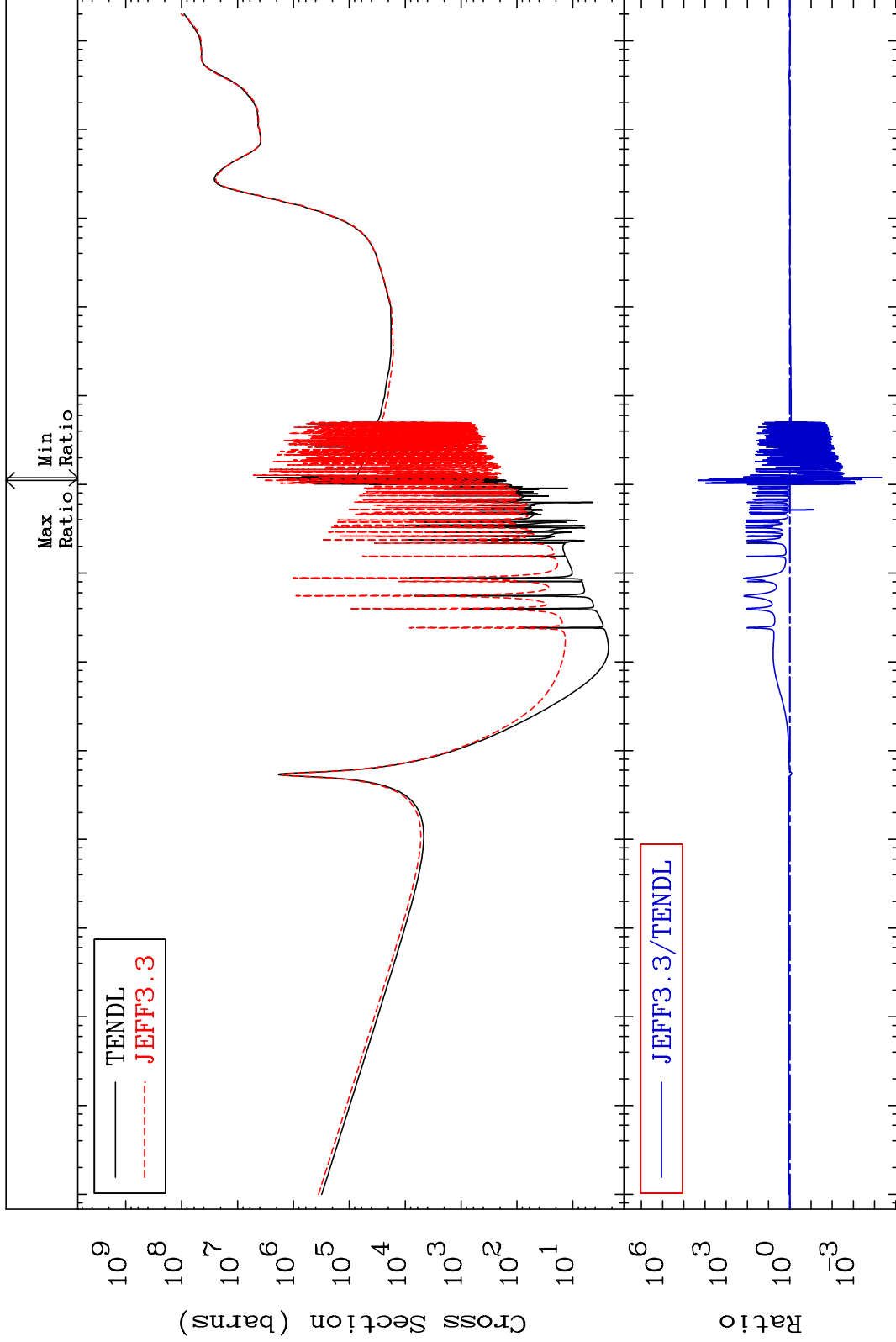
MAT 8834

Kerma total (eV-barns)

88-Ra-226

-100.0 To 9999. %

Cross Section



67

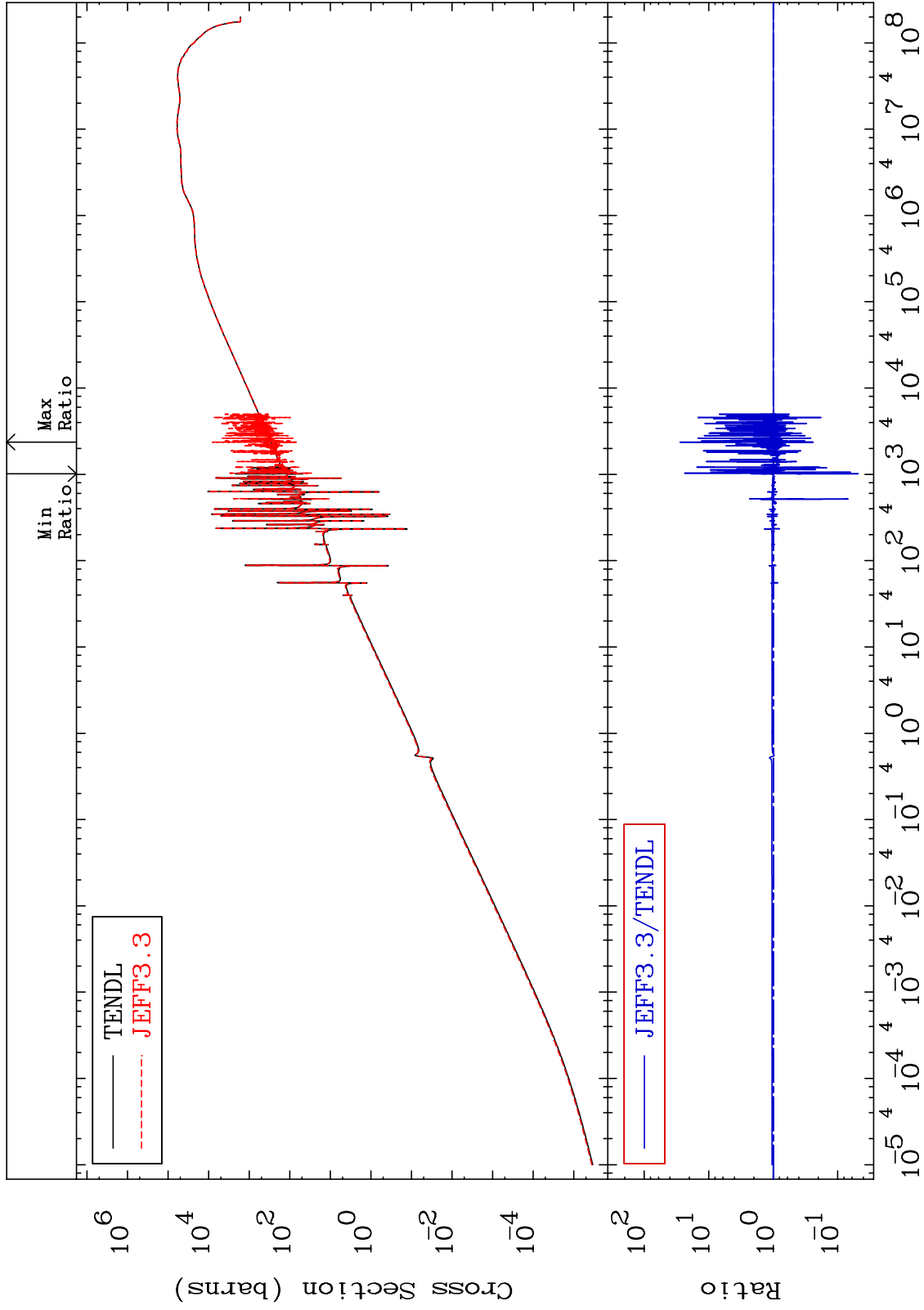
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma elastic  
Cross Section

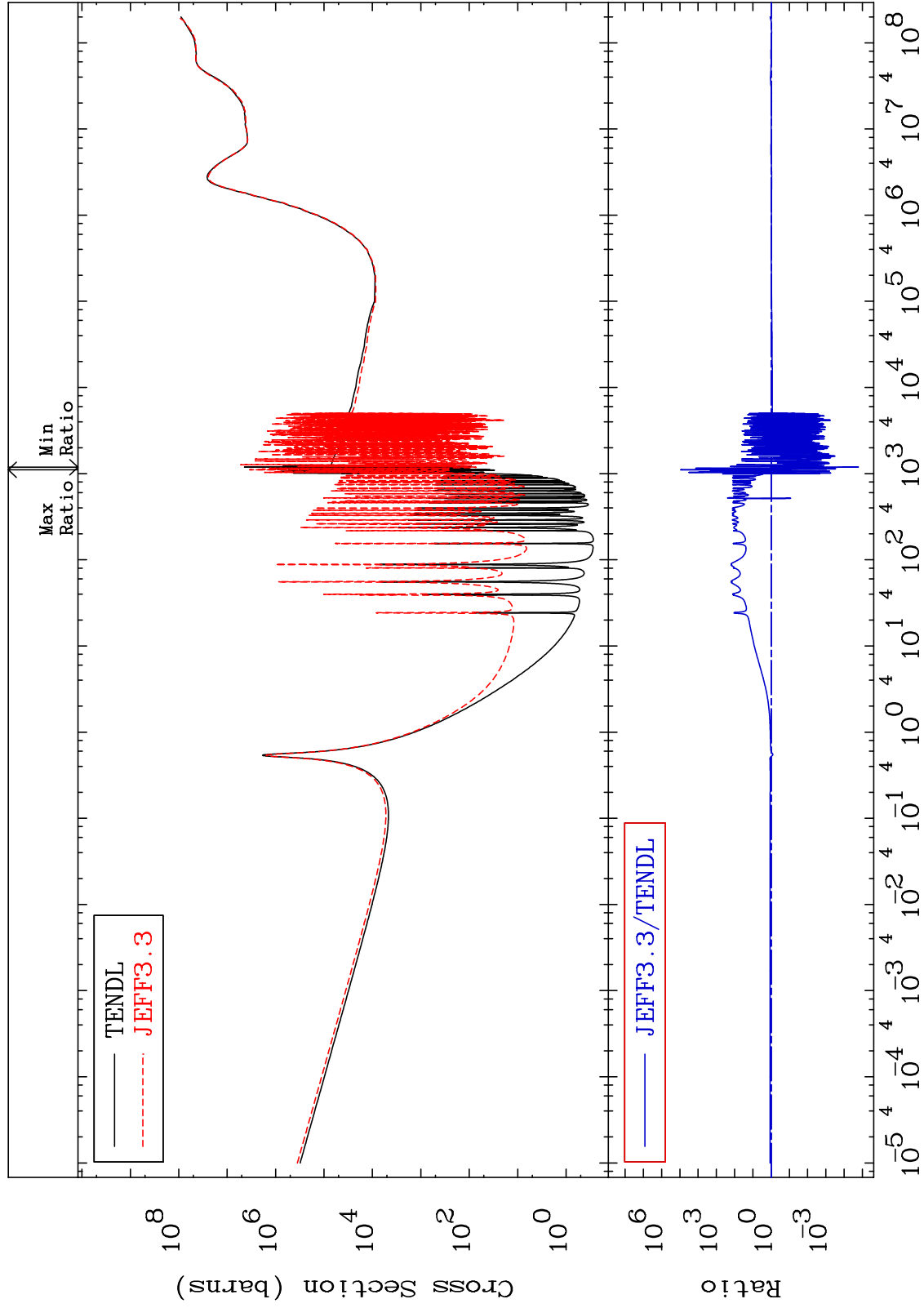
88-Ra-226  
-95.22 To 2684. %



MAT 8834

Kerma non-elastic (all but mt2)  
Cross Section

88-Ra-226  
-100.0 To 9999. %



69

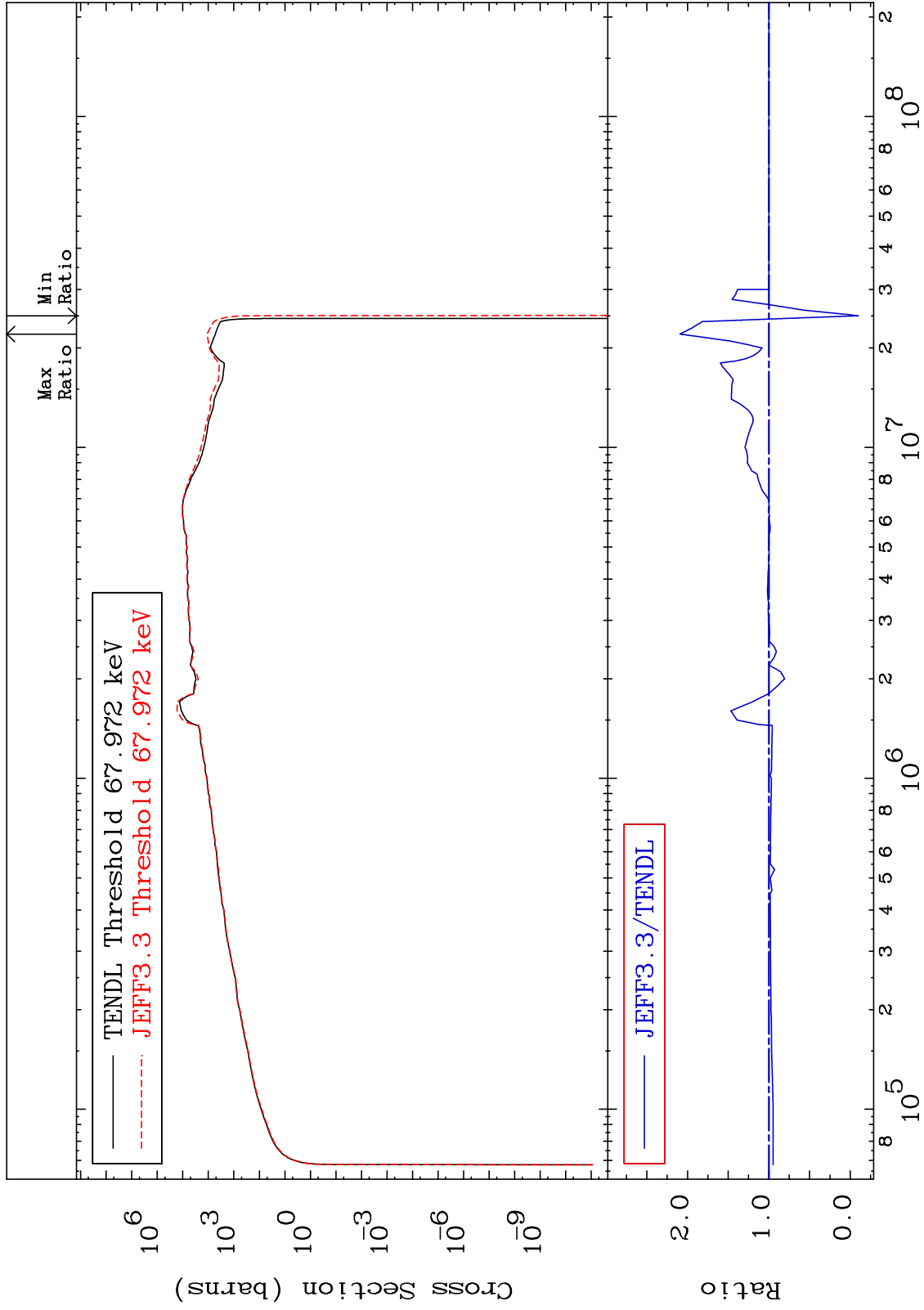
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma inelastic (mt51-91)  
Cross Section

88-Ra-226  
-110.0 To 109.2 %



70

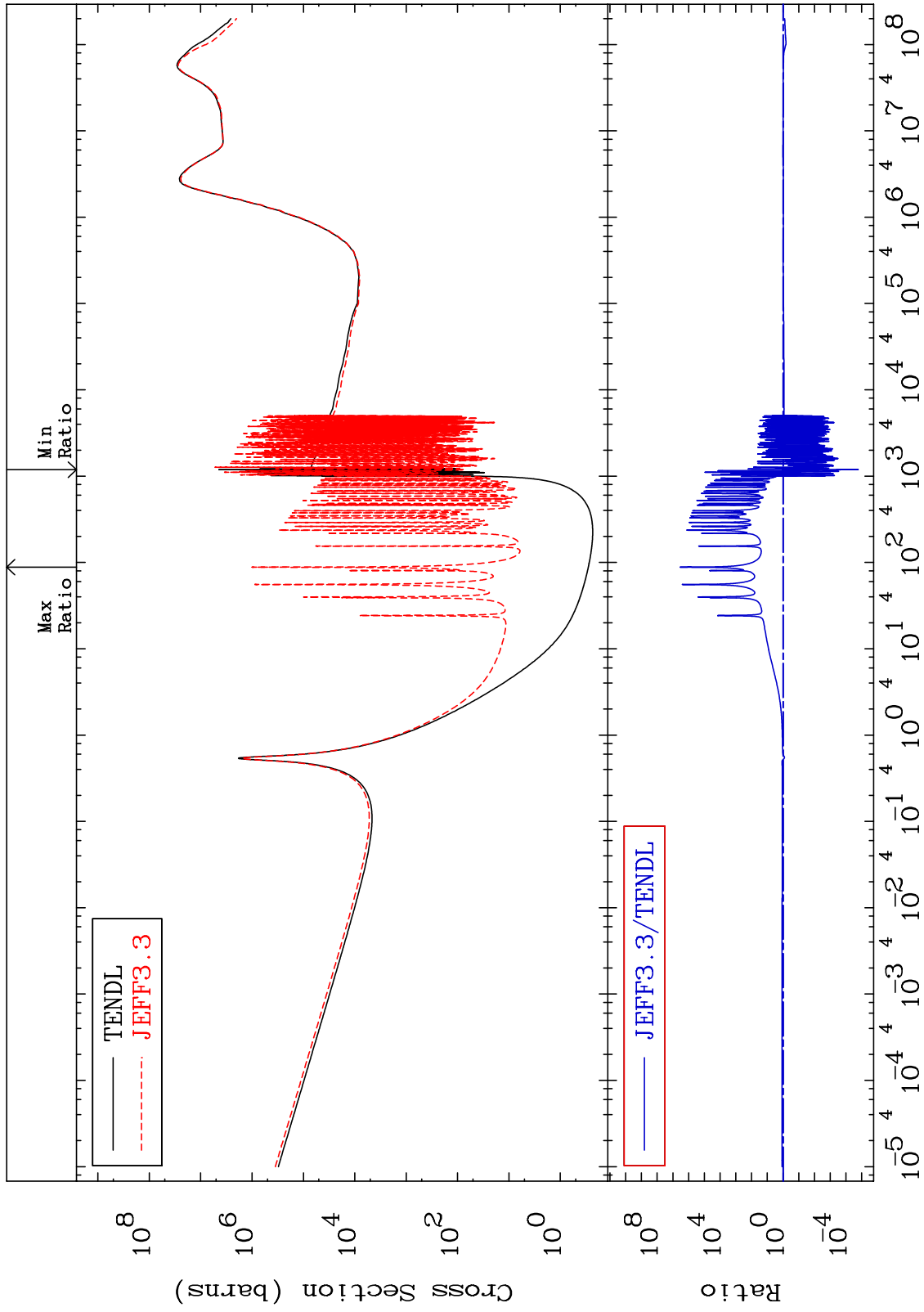
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226  
-100.0 To 9999. %



71

Incident Energy (eV)

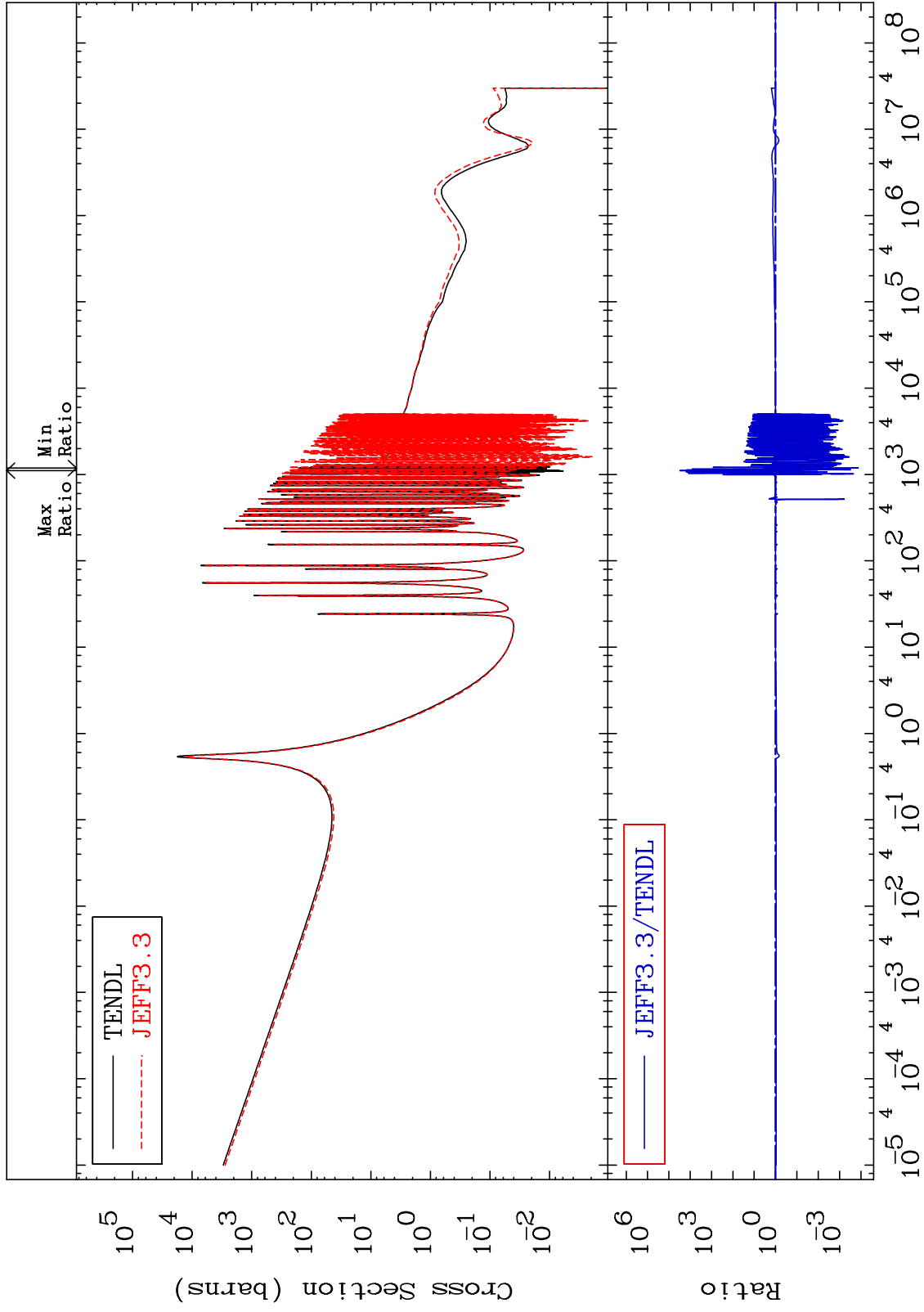
88-Ra-226



MAT 8834

Kerma capture (mt102)  
Cross Section

88-Ra-226  
-99.99 To 9999. %



72

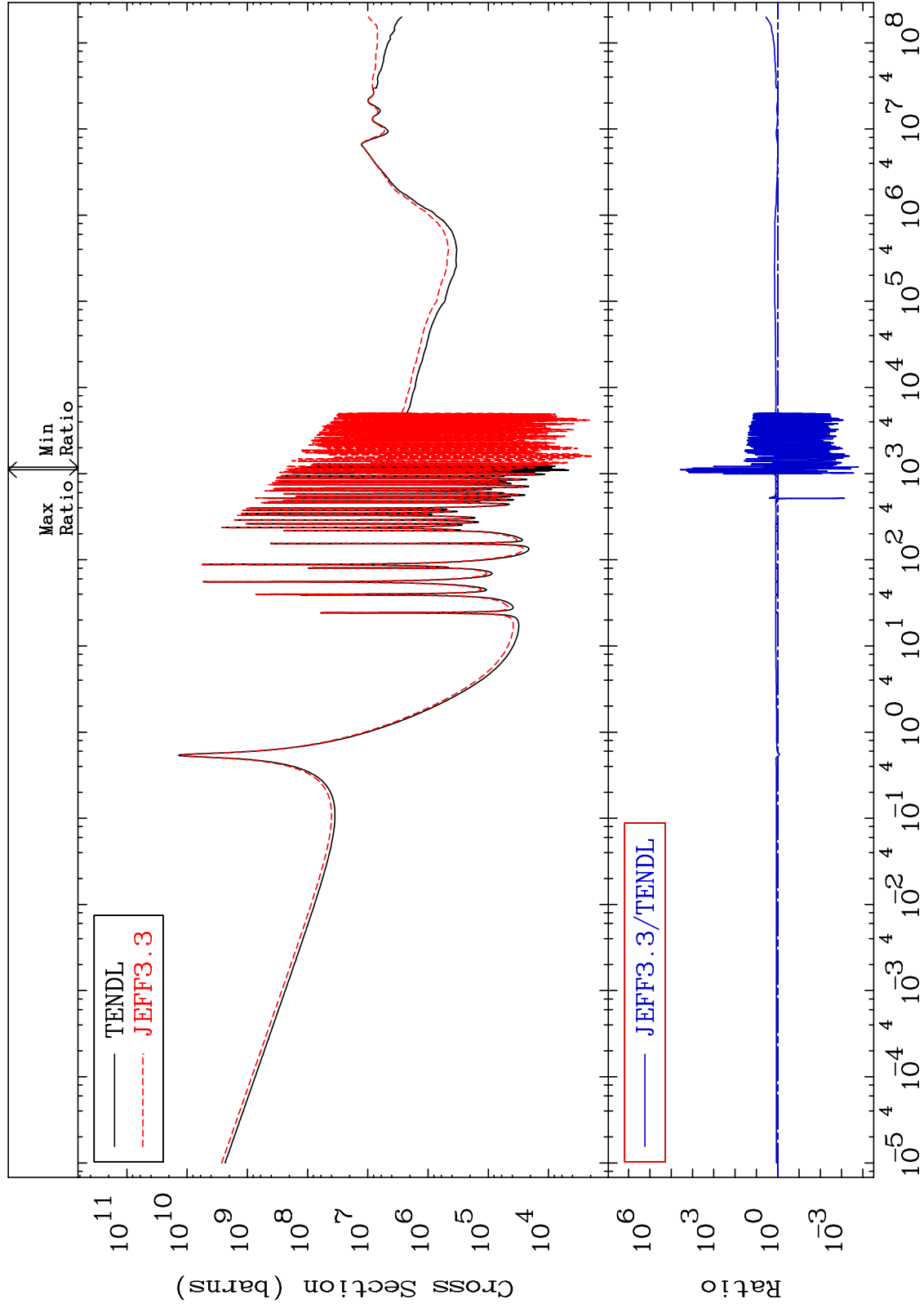
Incident Energy (eV)

88-Ra-226

MAT 8834

Total photon (eV-barns)  
Cross Section

88-Ra-226  
-99.98 To 9999. %



73

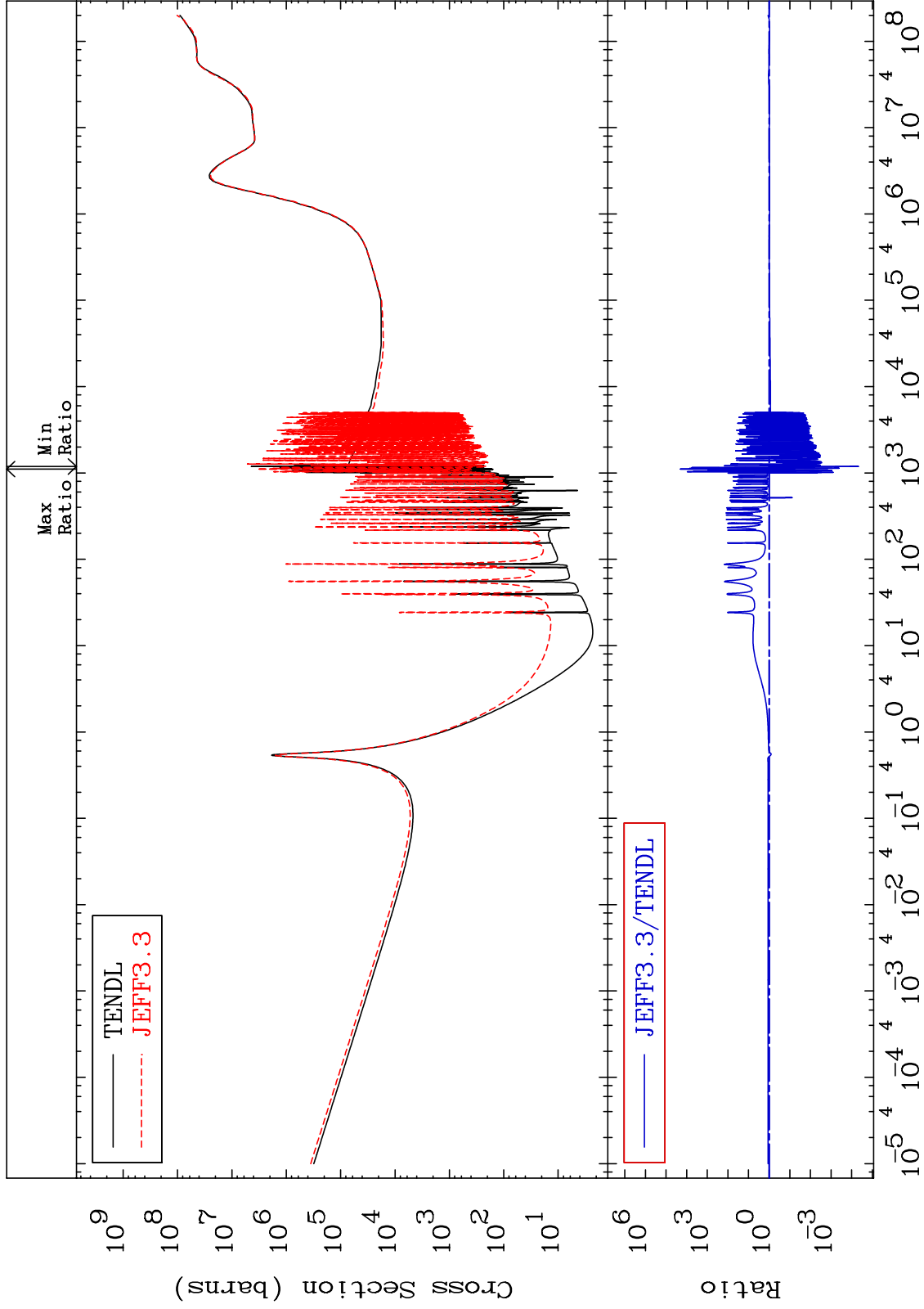
Incident Energy (eV)

88-Ra-226

MAT 8834

Total kinematic kerma (high limit)  
Cross Section

88-Ra-226  
-100.0 To 9999. %



74

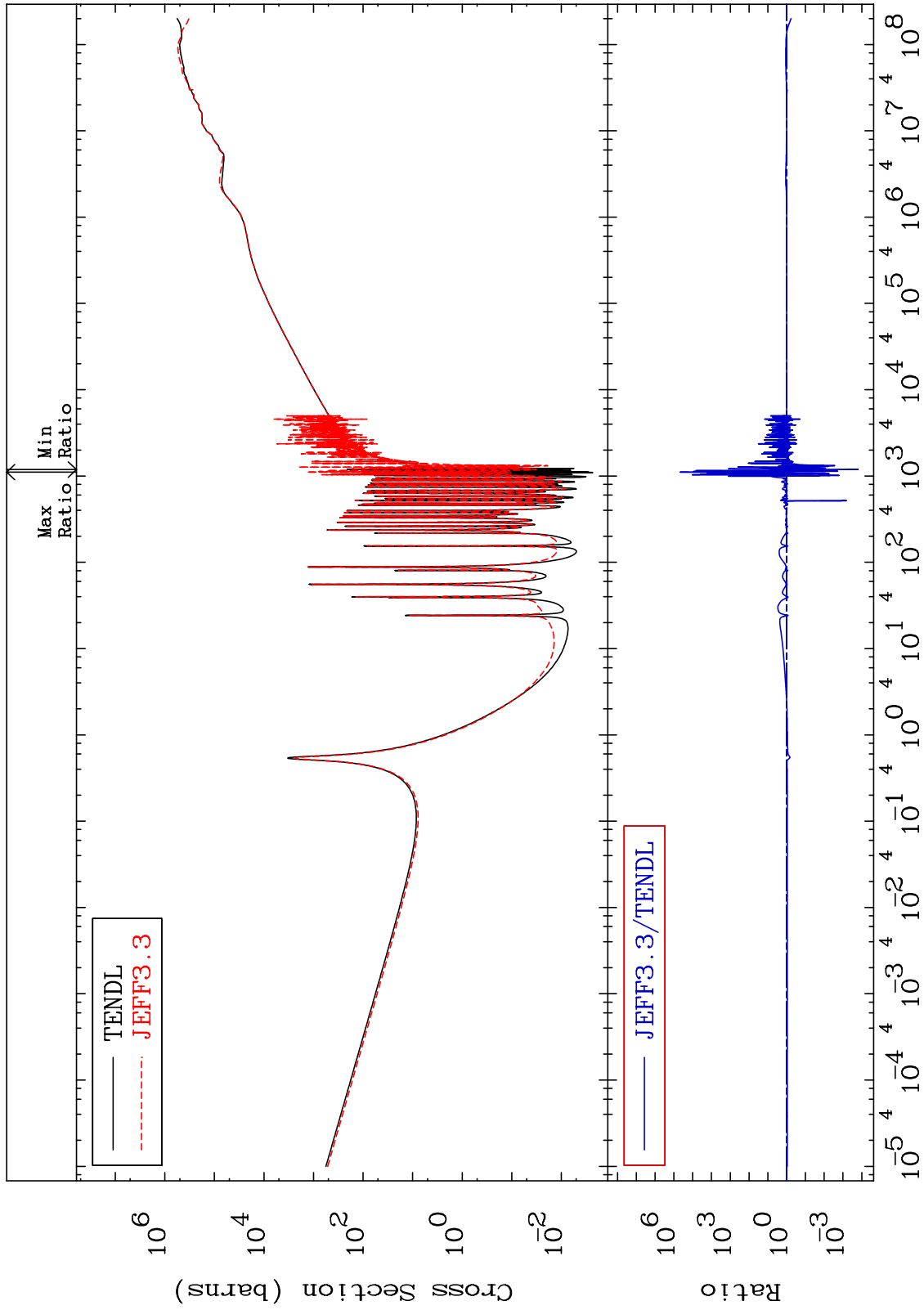
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa total (eV-barns)  
Cross Section

88-Ra-226  
-99.98 To 9999. %



75

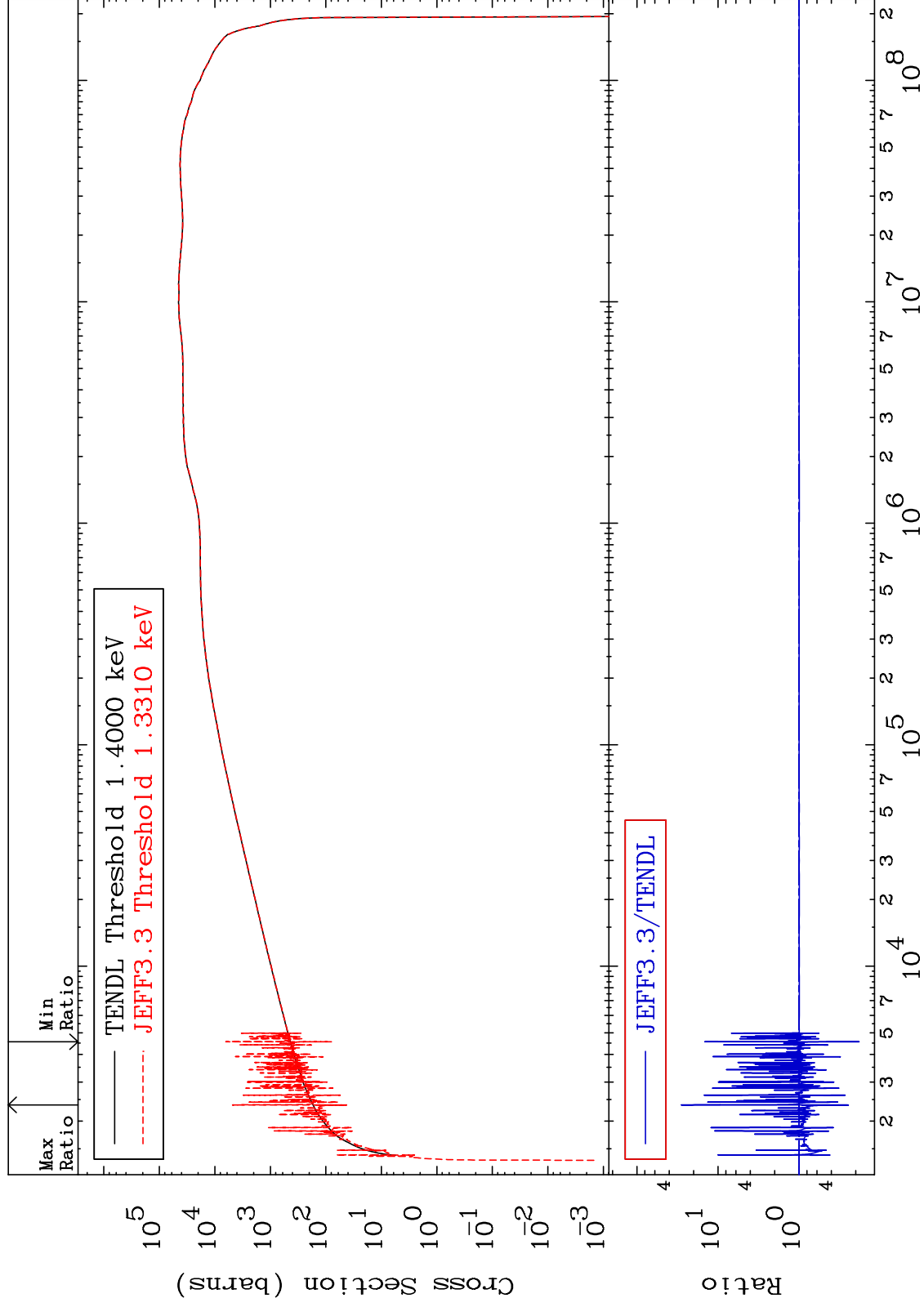
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa elastic (mt2)  
Cross Section

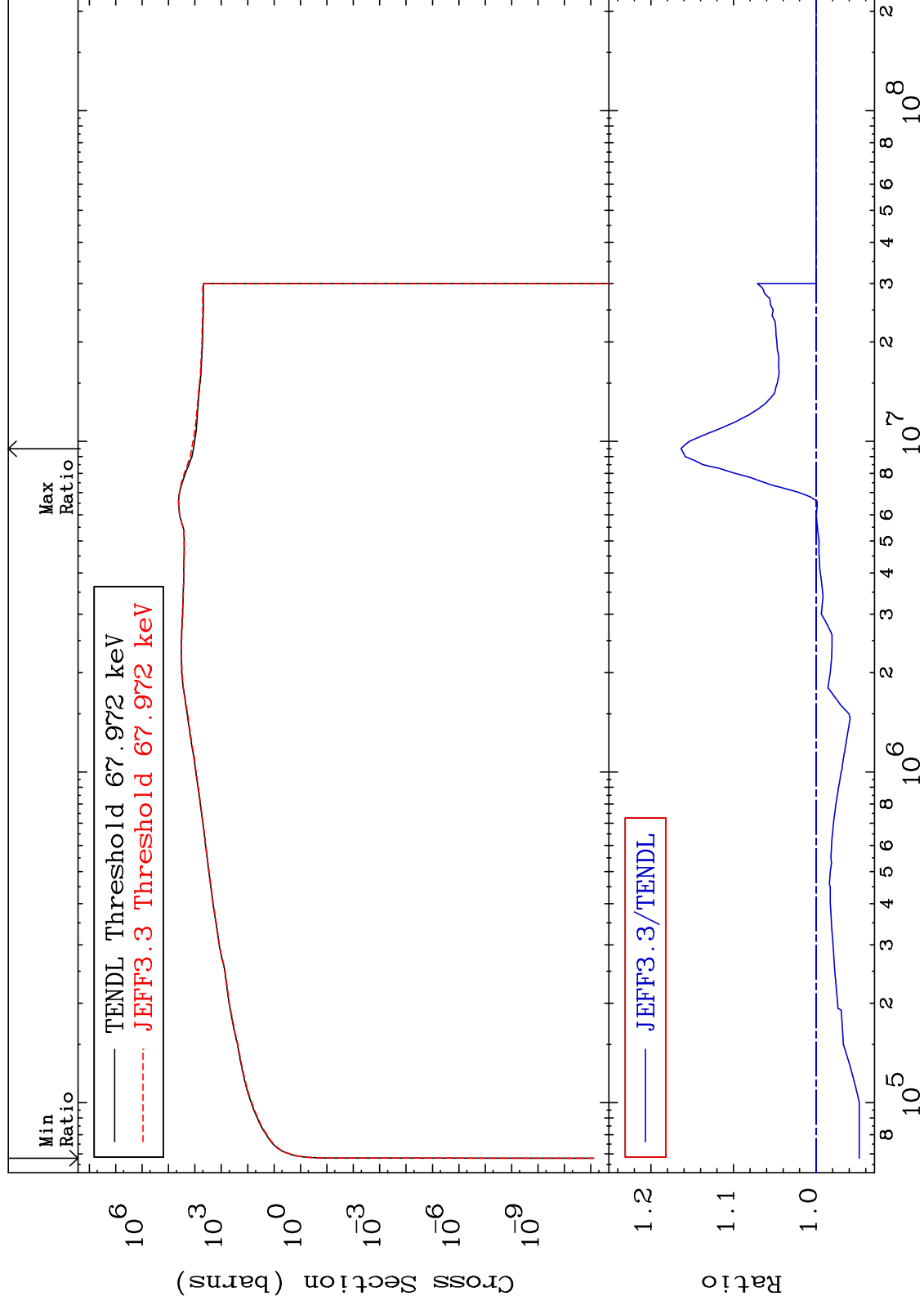
88-Ra-226  
-81.95 To 2757. %



MAT 8834

Dpa inelastic (mt51-91)  
Cross Section

88-Ra-226  
-5.221 To 16.35 %



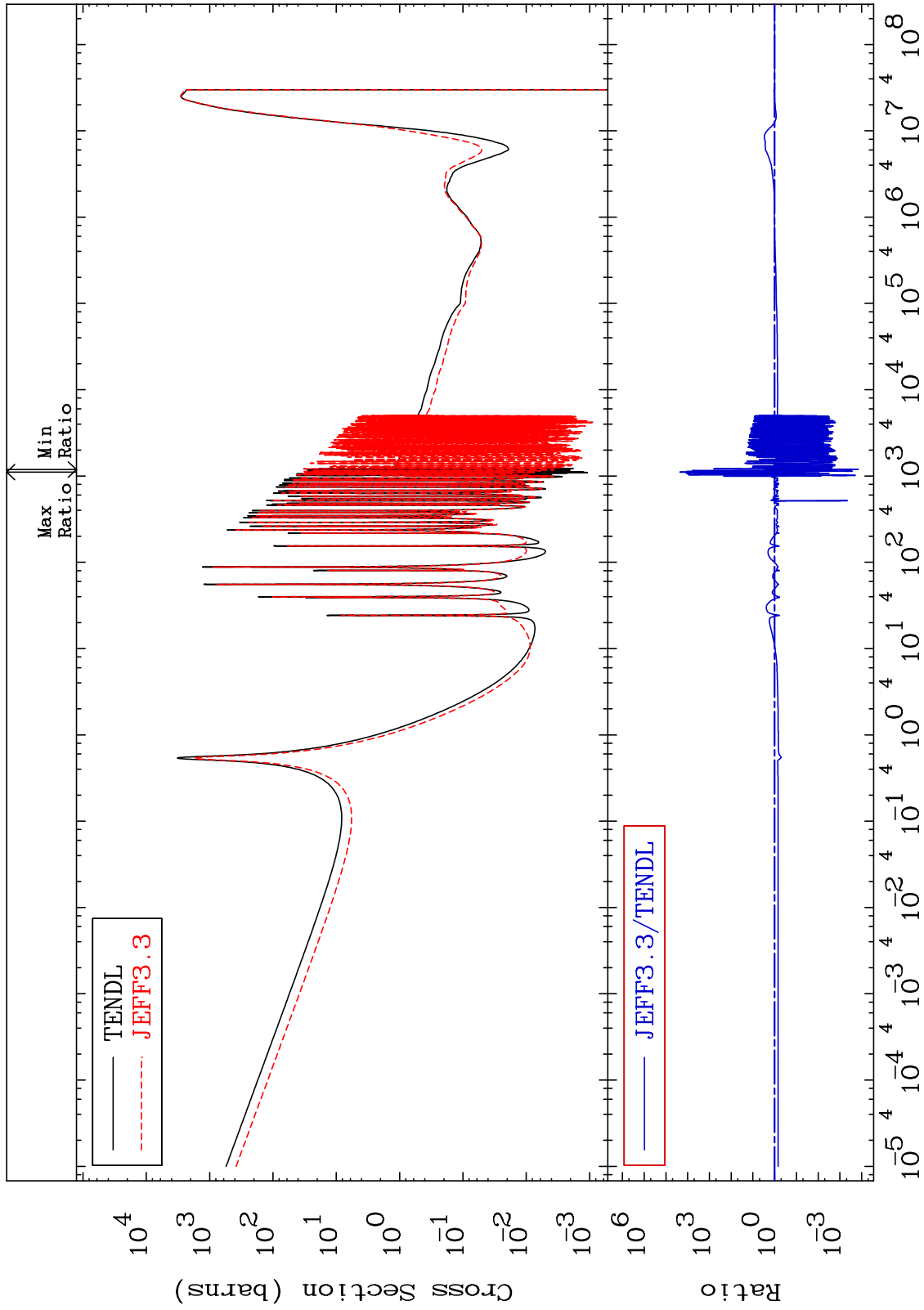
77

88-Ra-226

MAT 8834

Dpa disappearance (mt102 -120)  
Cross Section

88-Ra-226  
-99.99 To 9999. %



78

Incident Energy (eV)

88-Ra-226