

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

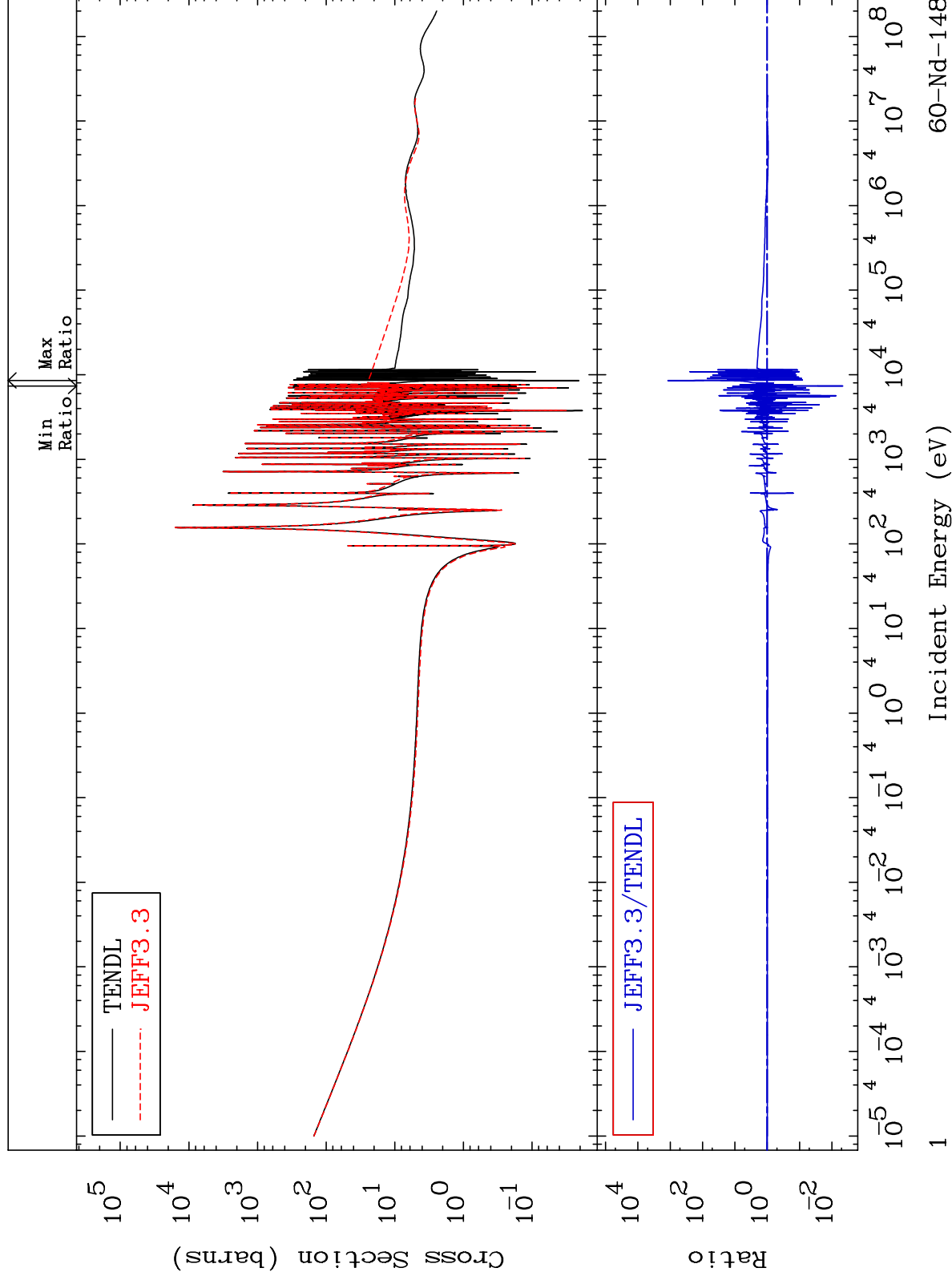
MAT 6043

Total

60-Nd-148

Cross Section

-99.54 To 9999. %

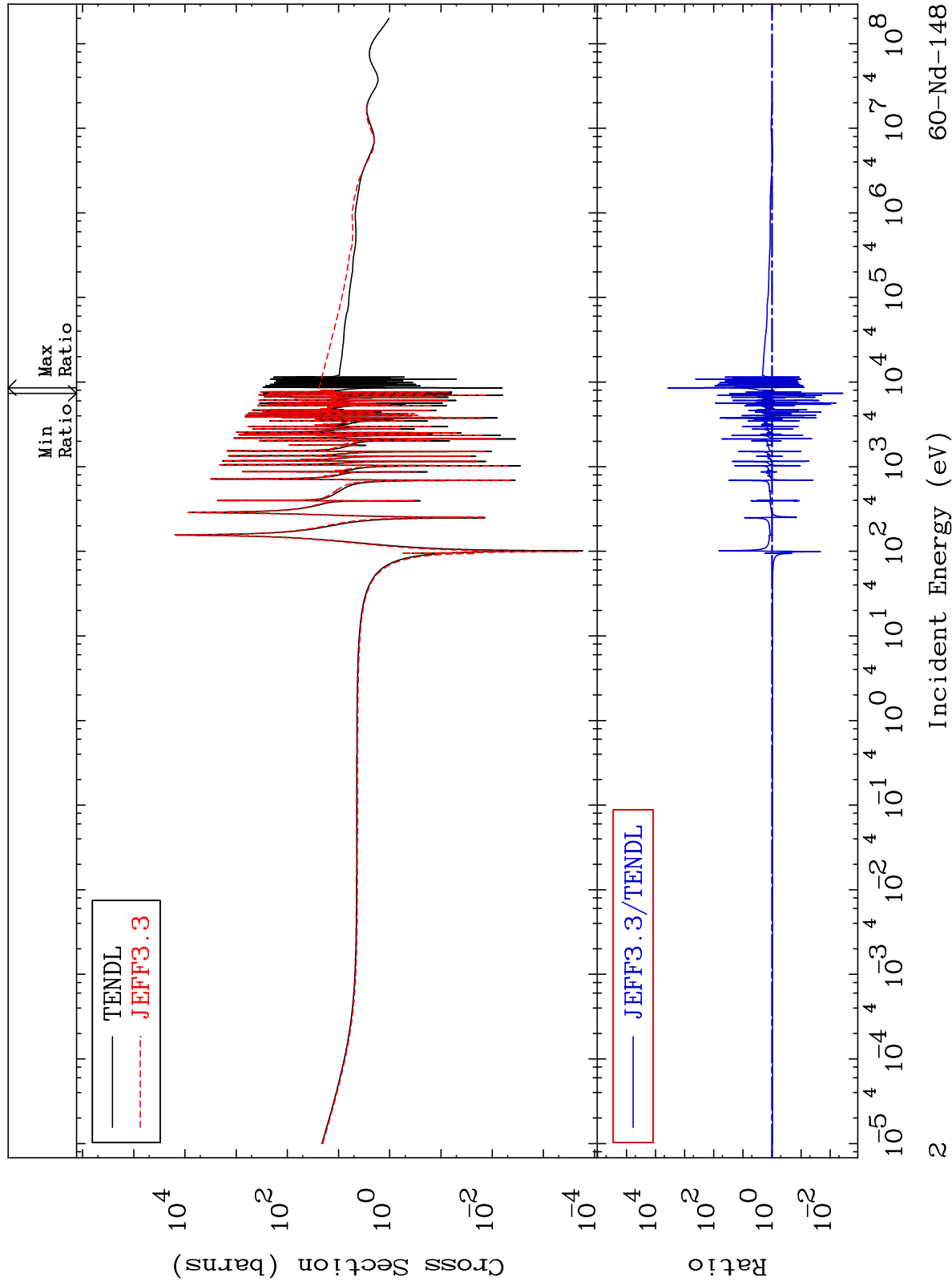


60-Nd-148

MAT 6043

Elastic
Cross Section

60-Nd-148
-99.63 To 9999. %



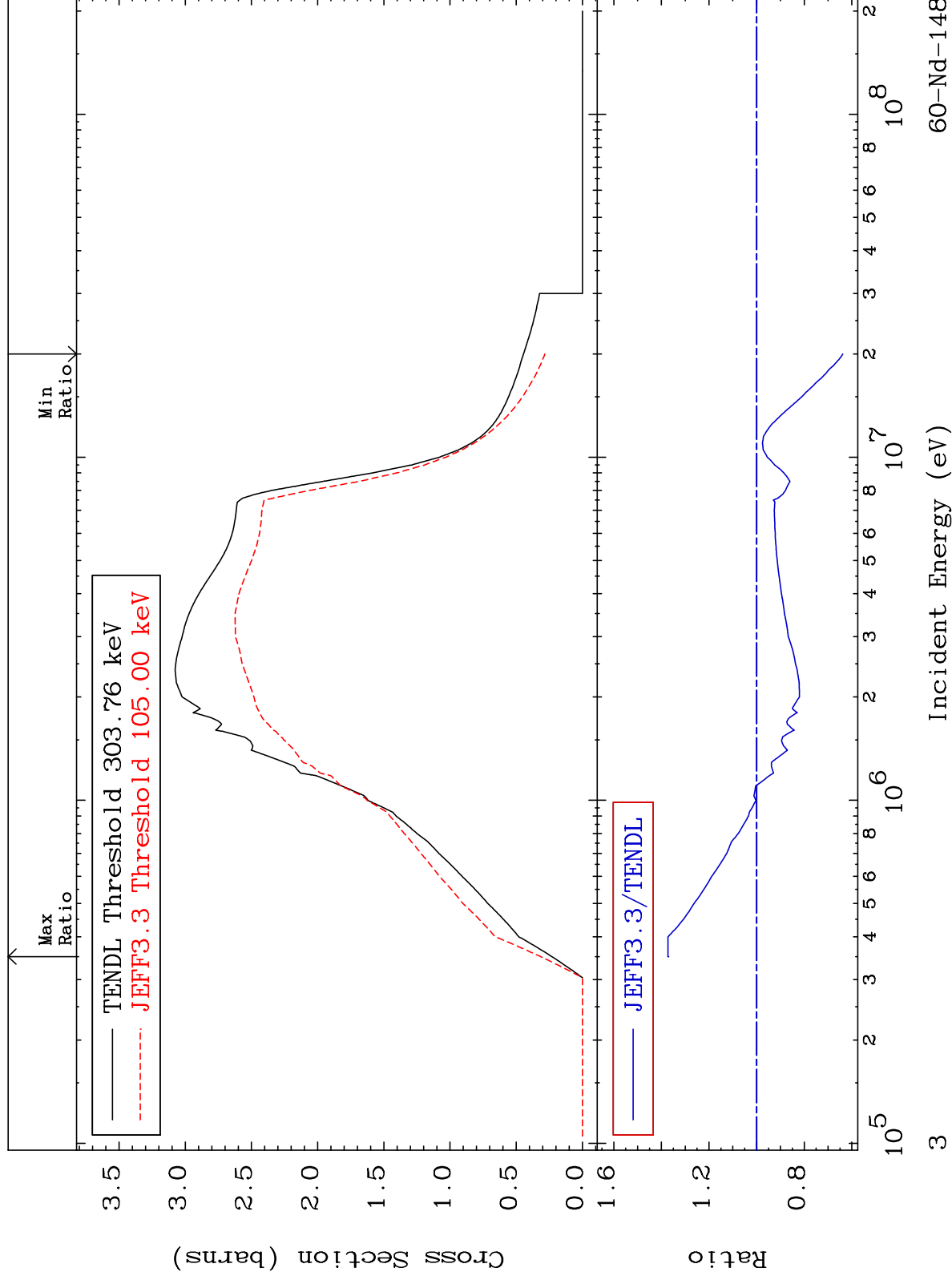
60-Nd-148

Incident Energy (eV)

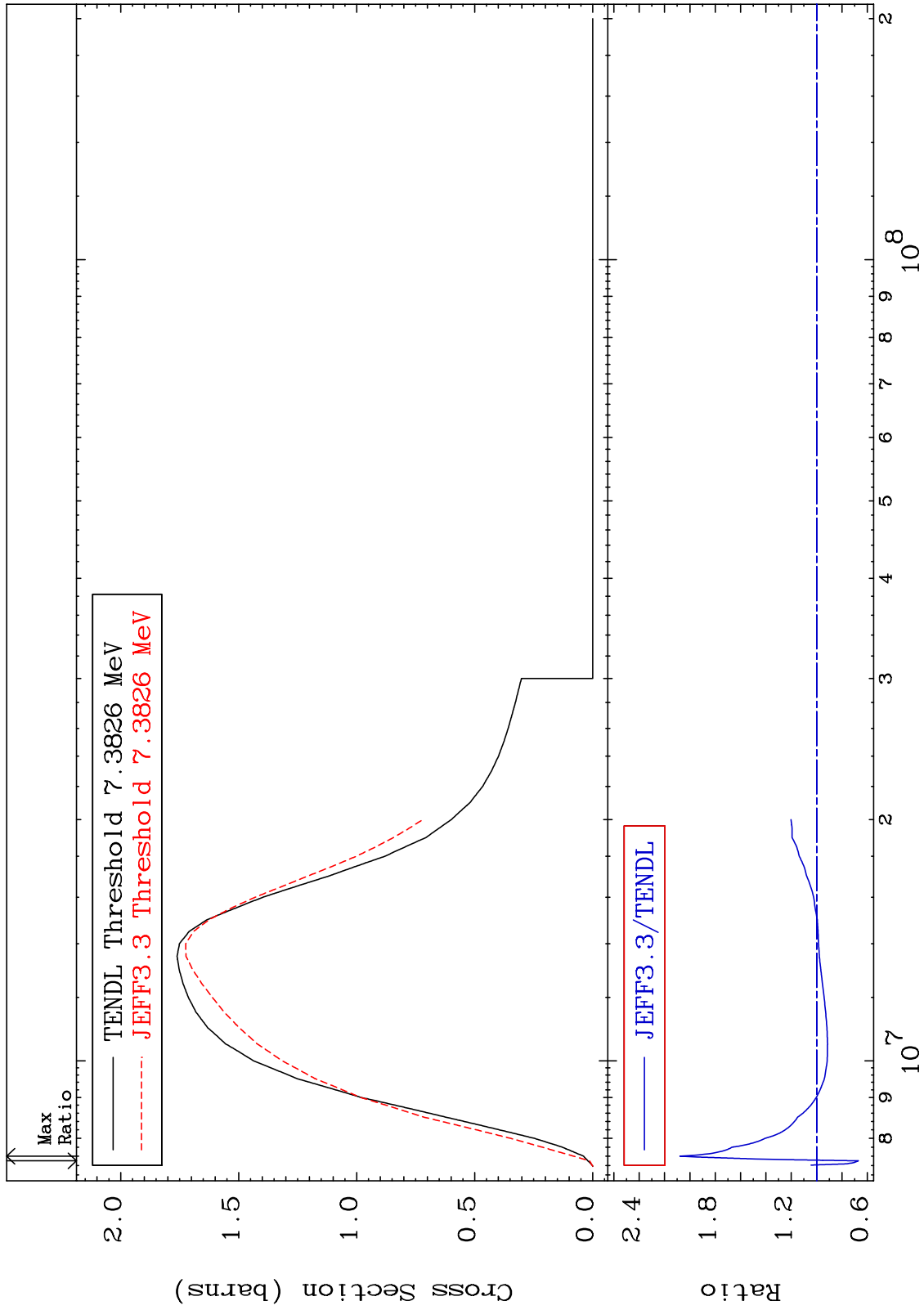
MAT 6043

Inelastic
Cross Section

60-Nd-148
-36.22 To 37.22 %



MAT 6043 (n,2n) Cross Section 60-Nd-148 -32.98 To 107.8 %



4 60-Nd-148 Incident Energy (eV)

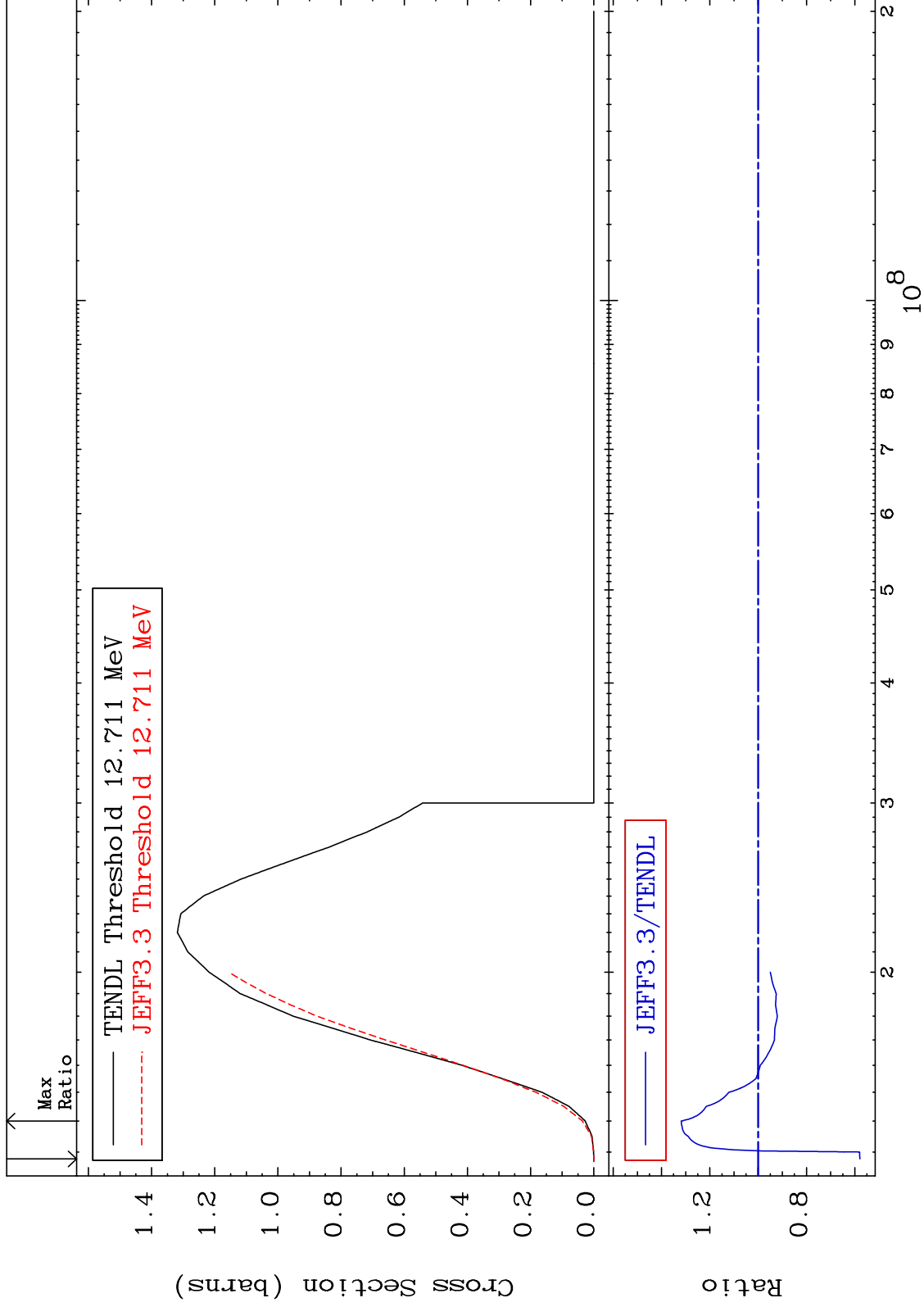
MAT 6043

(n, 3n)

60-Nd-148

Cross Section

-42.12 To 31.85 %



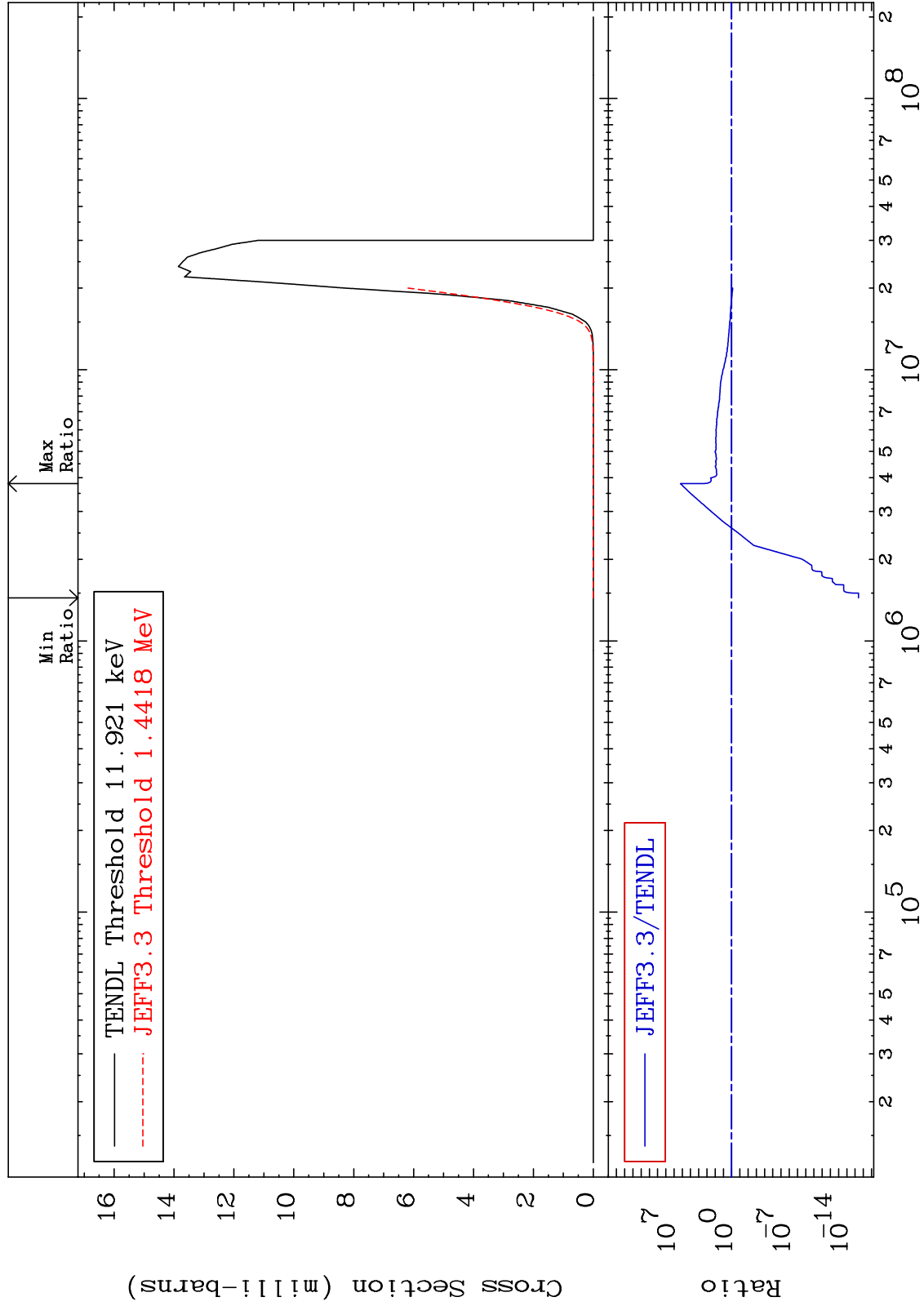
MAT 6043

(n,n') α

60-Nd-148

-100.0 To 9999. %

Cross Section



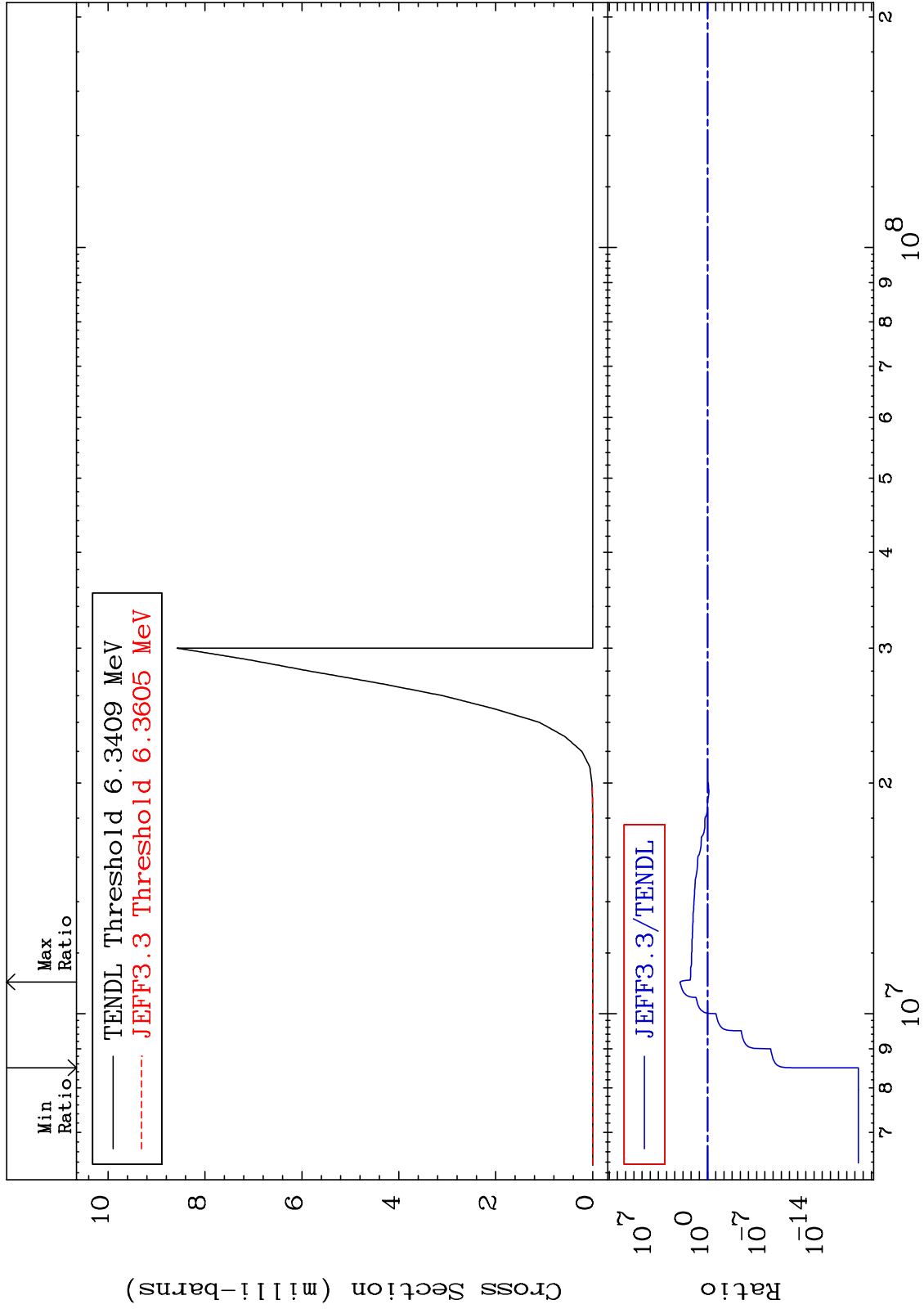
MAT 6043

(n,2n) α

60-Nd-148

-100.0 To 9999. %

Cross Section



7

Incident Energy (eV)

60-Nd-148

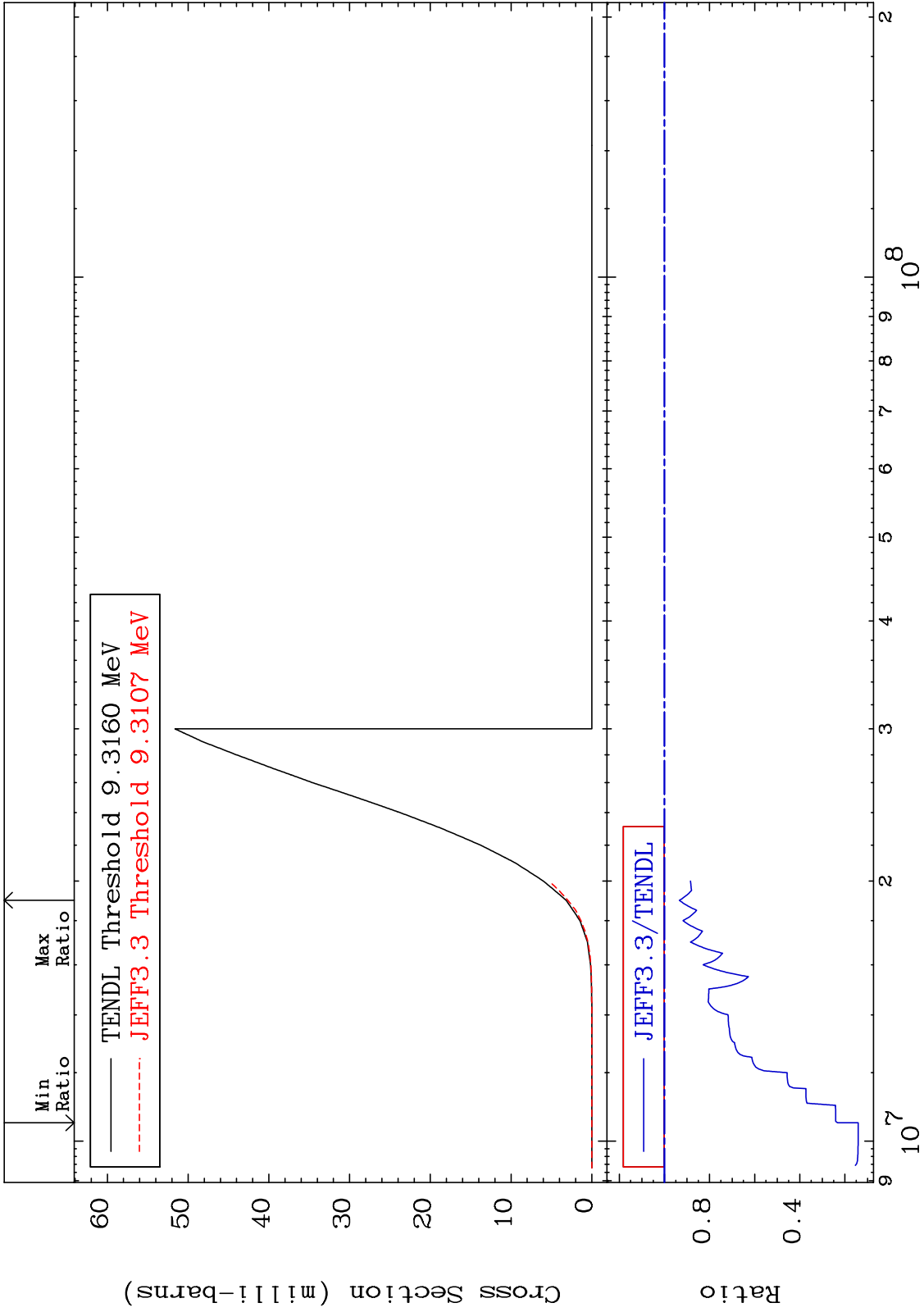
MAT 6043

(n, n') p

60-Nd-148

Cross Section

-85.89 To -6.611%



60-Nd-148

8

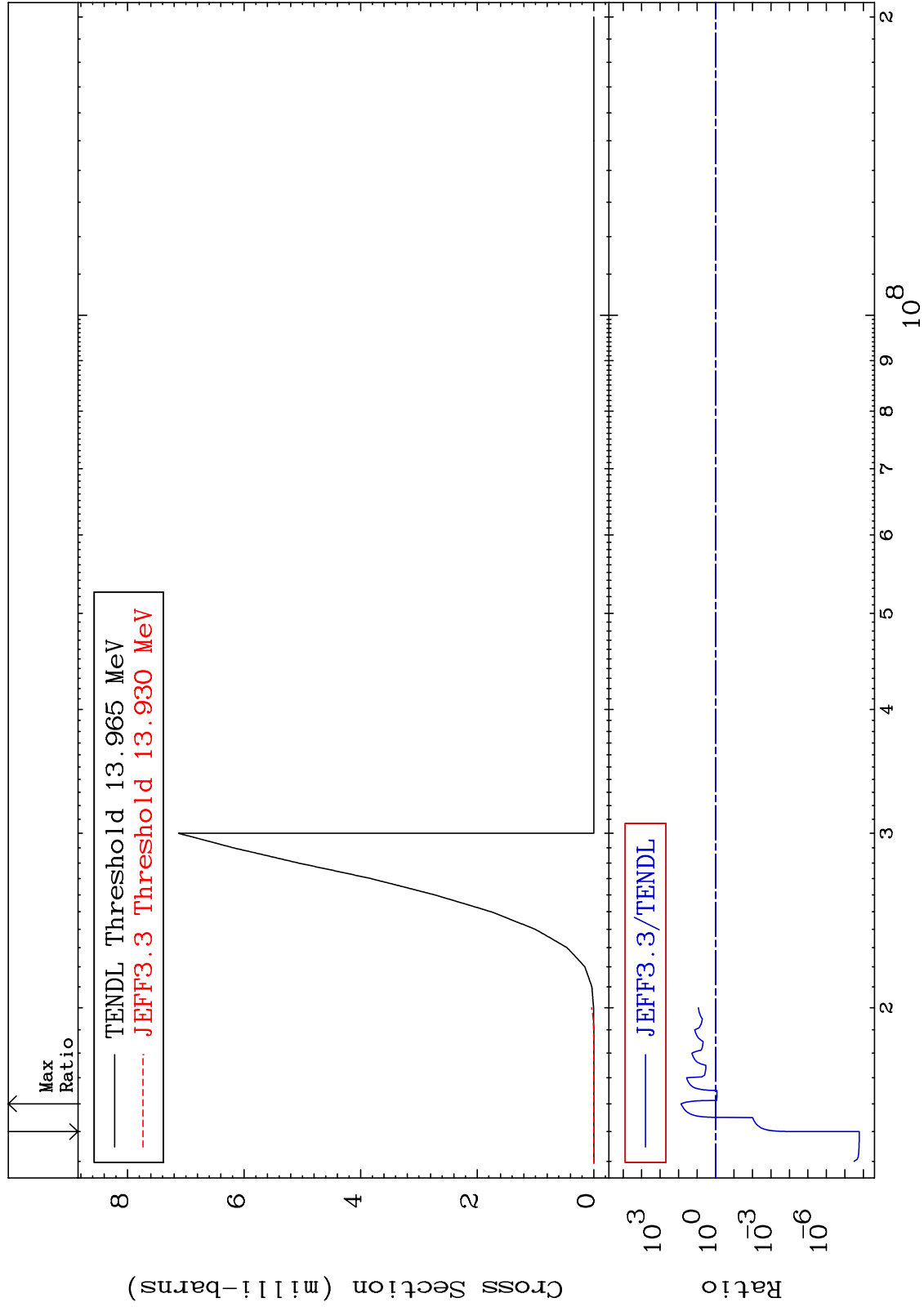
MAT 6043

(n, n') d

60-Nd-148

Cross Section

-100.0 To 7254. %



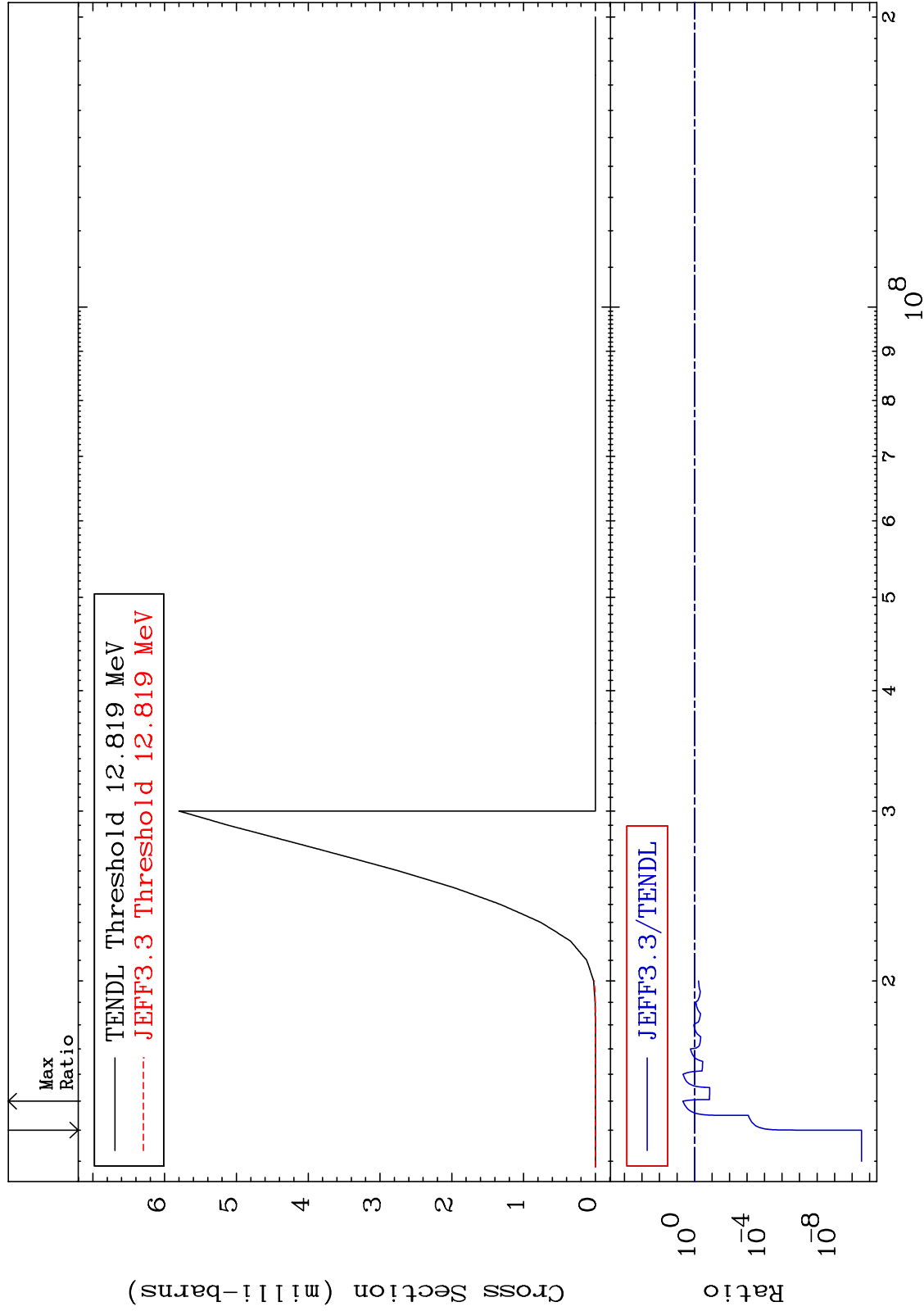
MAT 6043

(n, n') t

60-Nd-148

Cross Section

-100.0 To 363.4 %

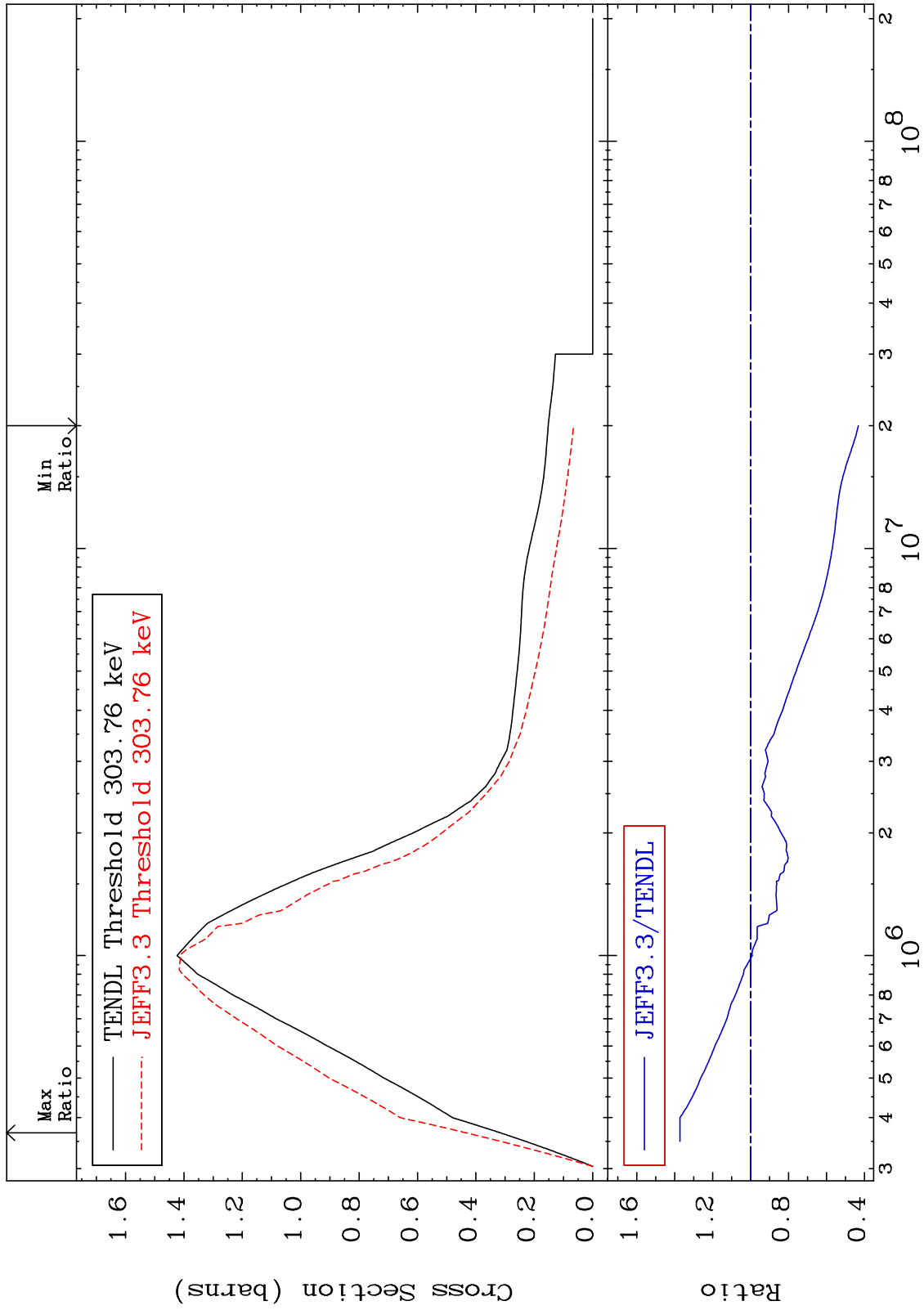


10

Incident Energy (eV)

60-Nd-148

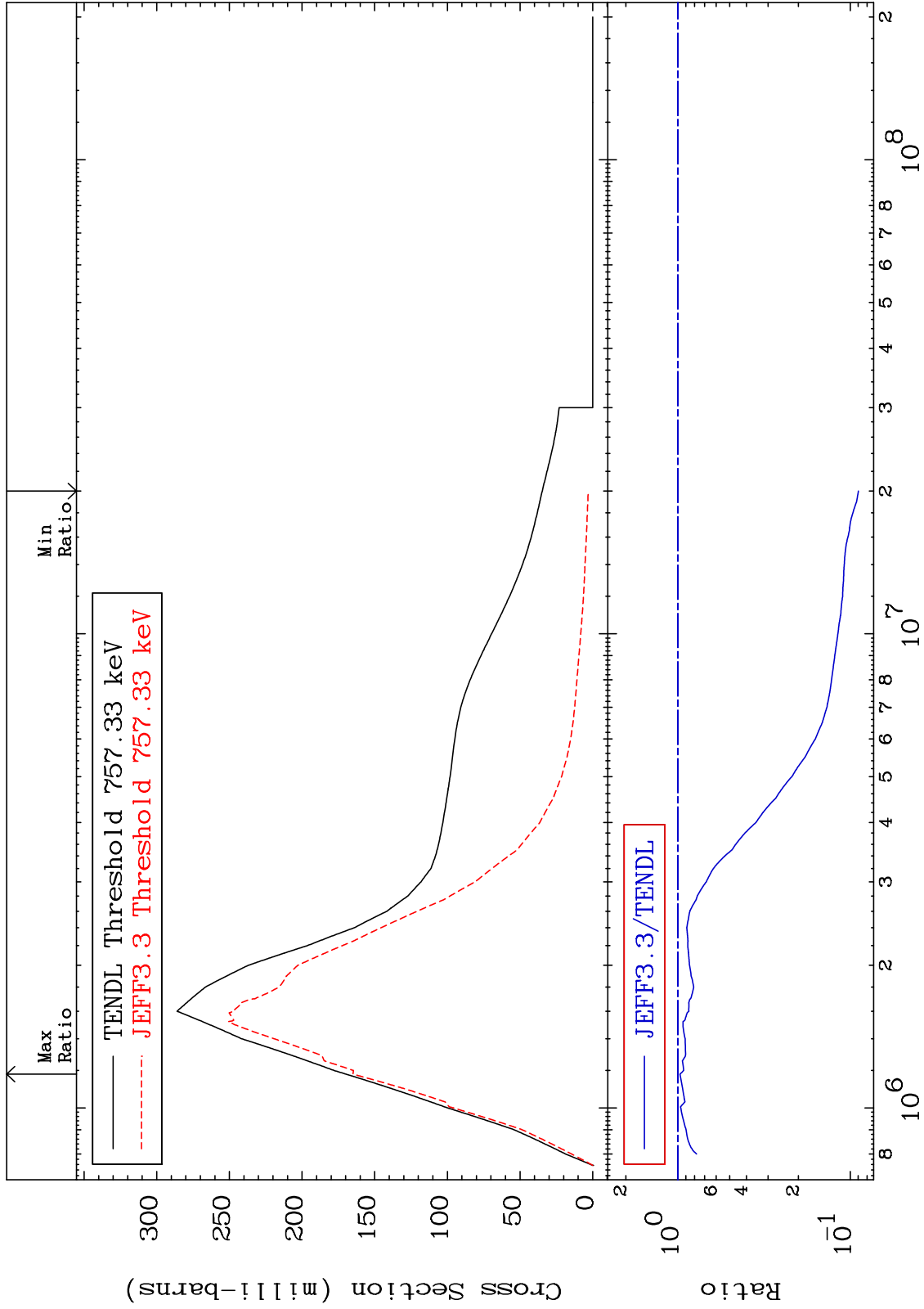
MAT 6043 MT= 51 (n,n') Level Cross Section 60-Nd-148
 -56.75 To 37.20 %



MAT 6043

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

60-Nd-148
-91.02 To -2.818%



12

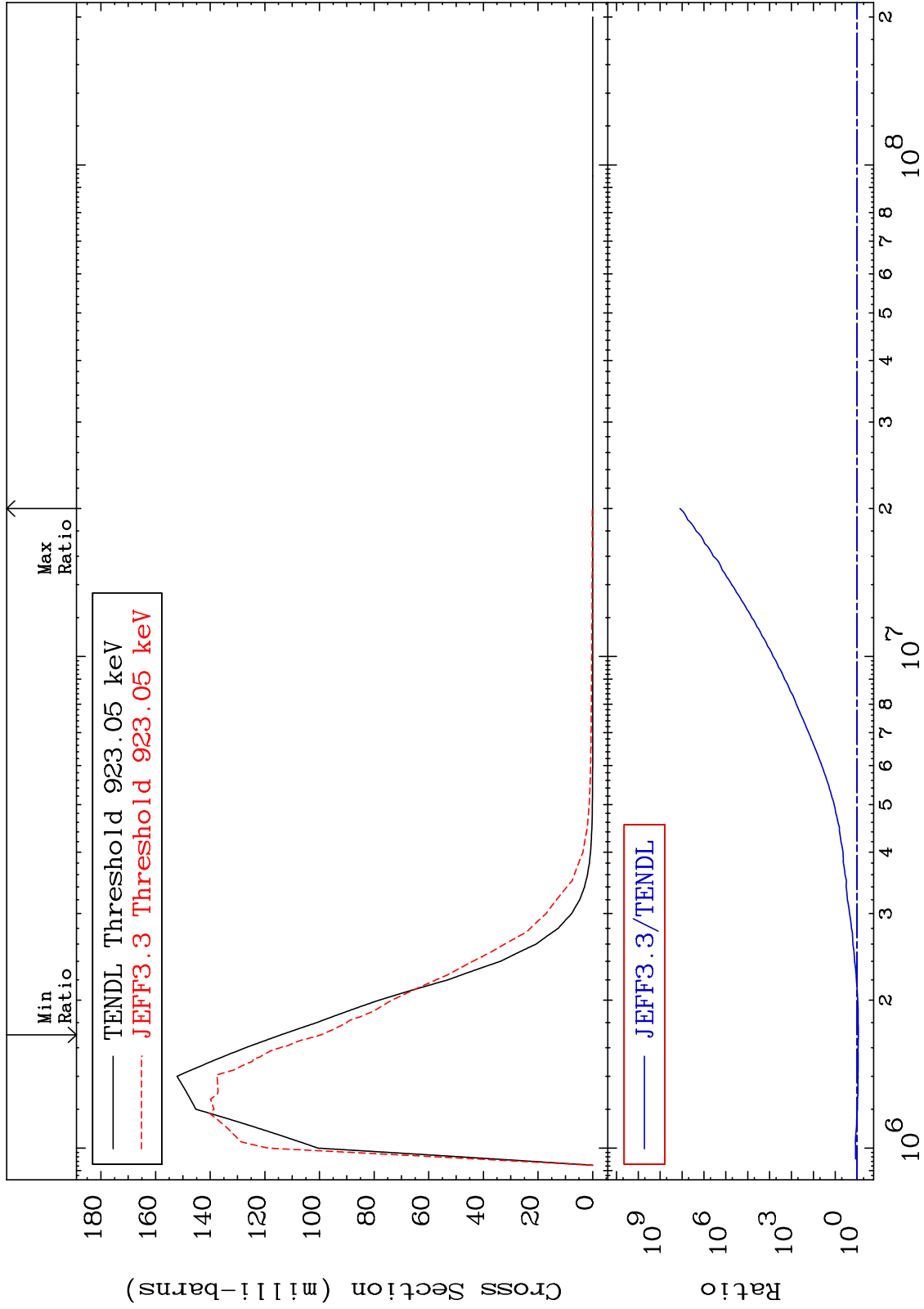
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-12.82 To 9999. %



Incident Energy (eV)

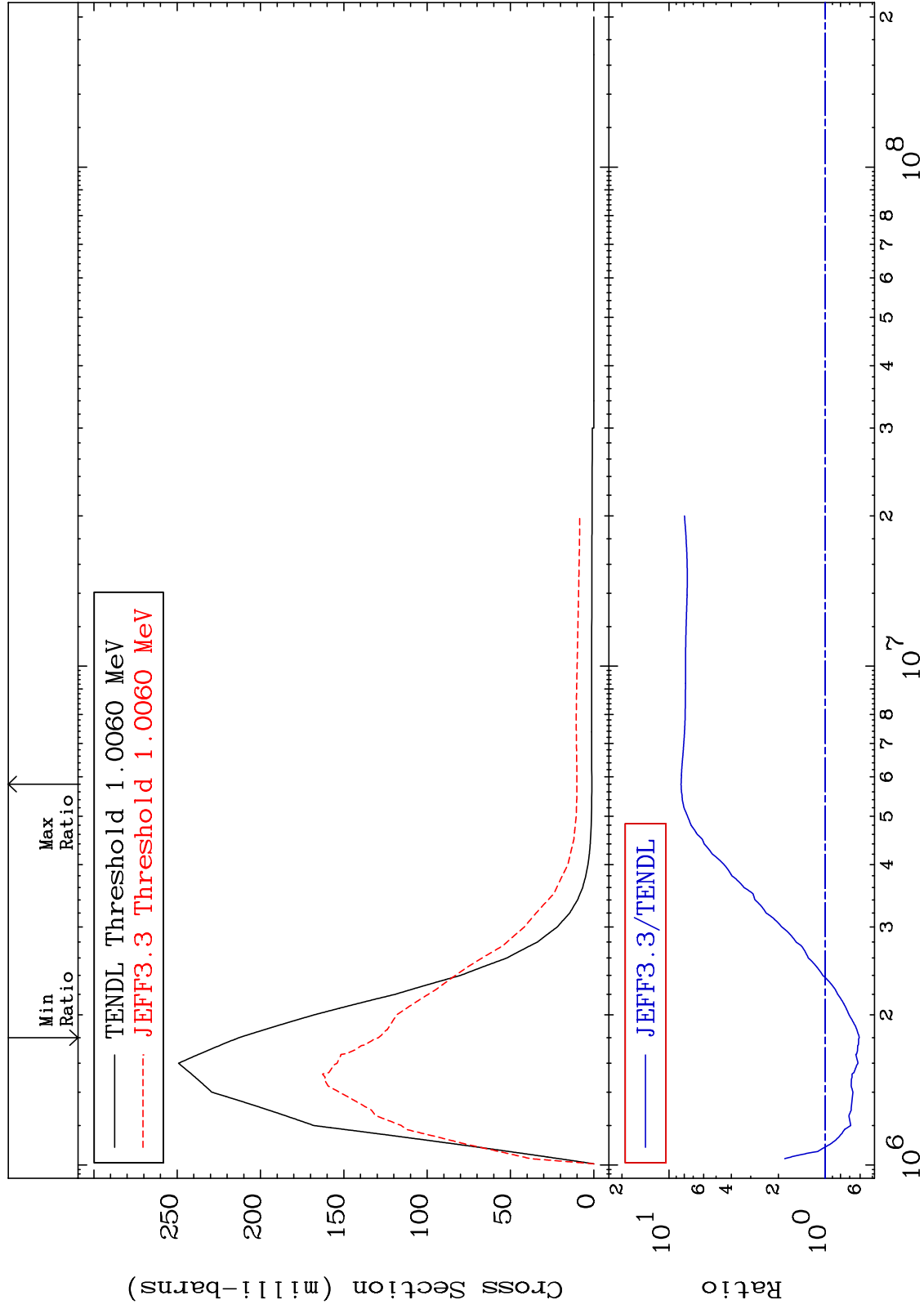
60-Nd-148

13

MAT 6043

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

60-Nd-148
-39.36 To 738.1 %



14

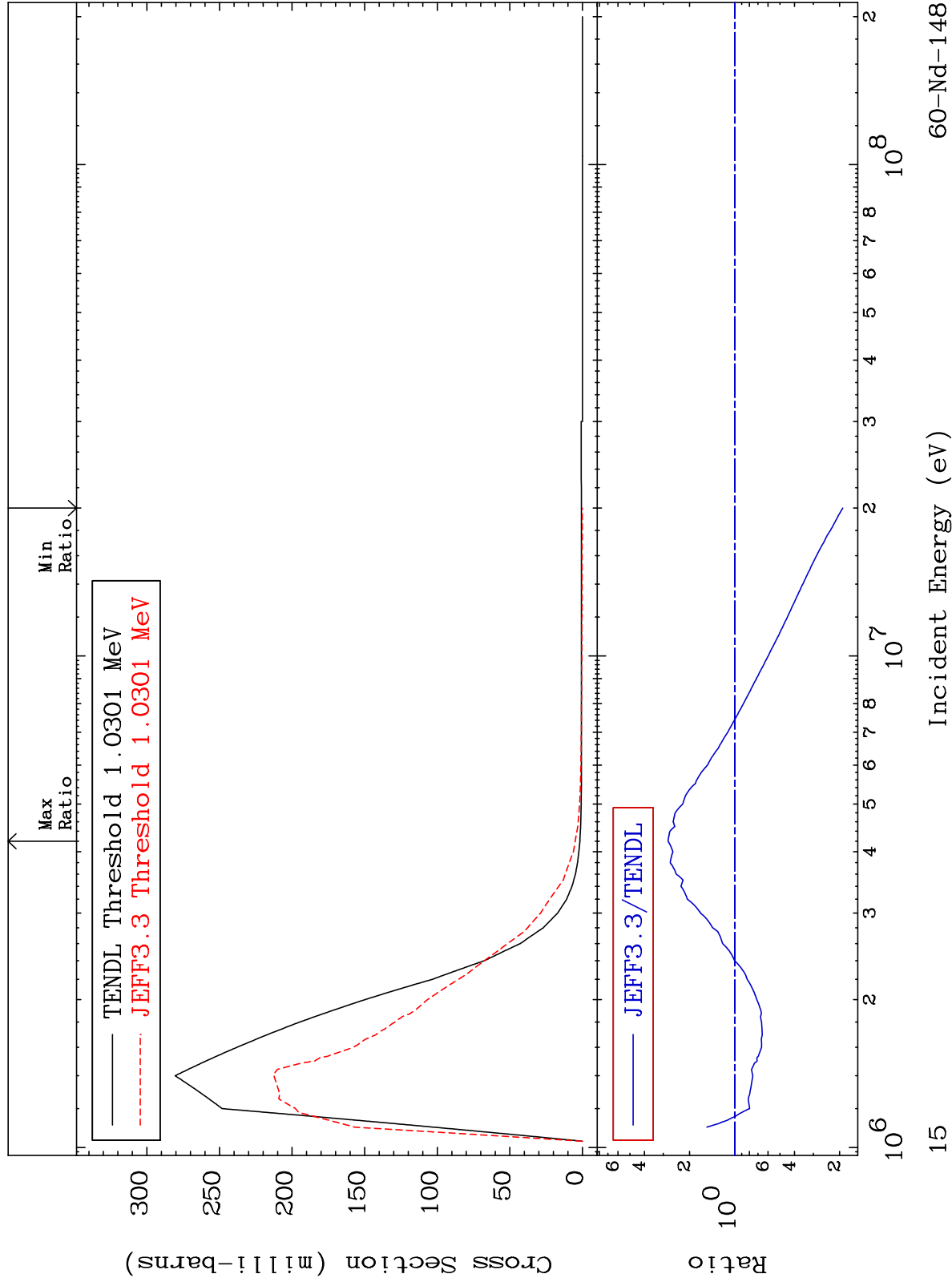
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-80.96 To 178.4 %



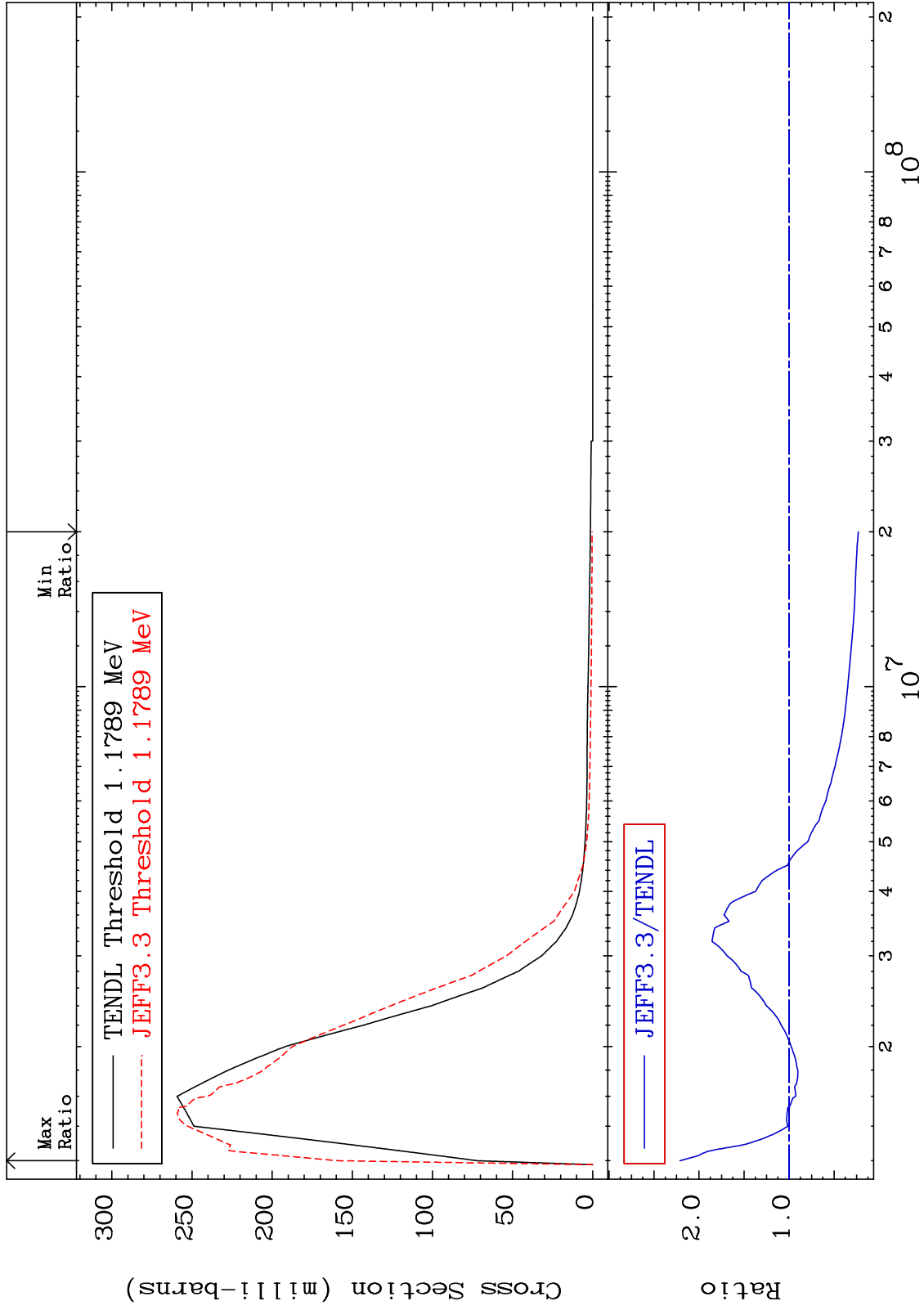
Incident Energy (eV)

15

MAT 6043

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

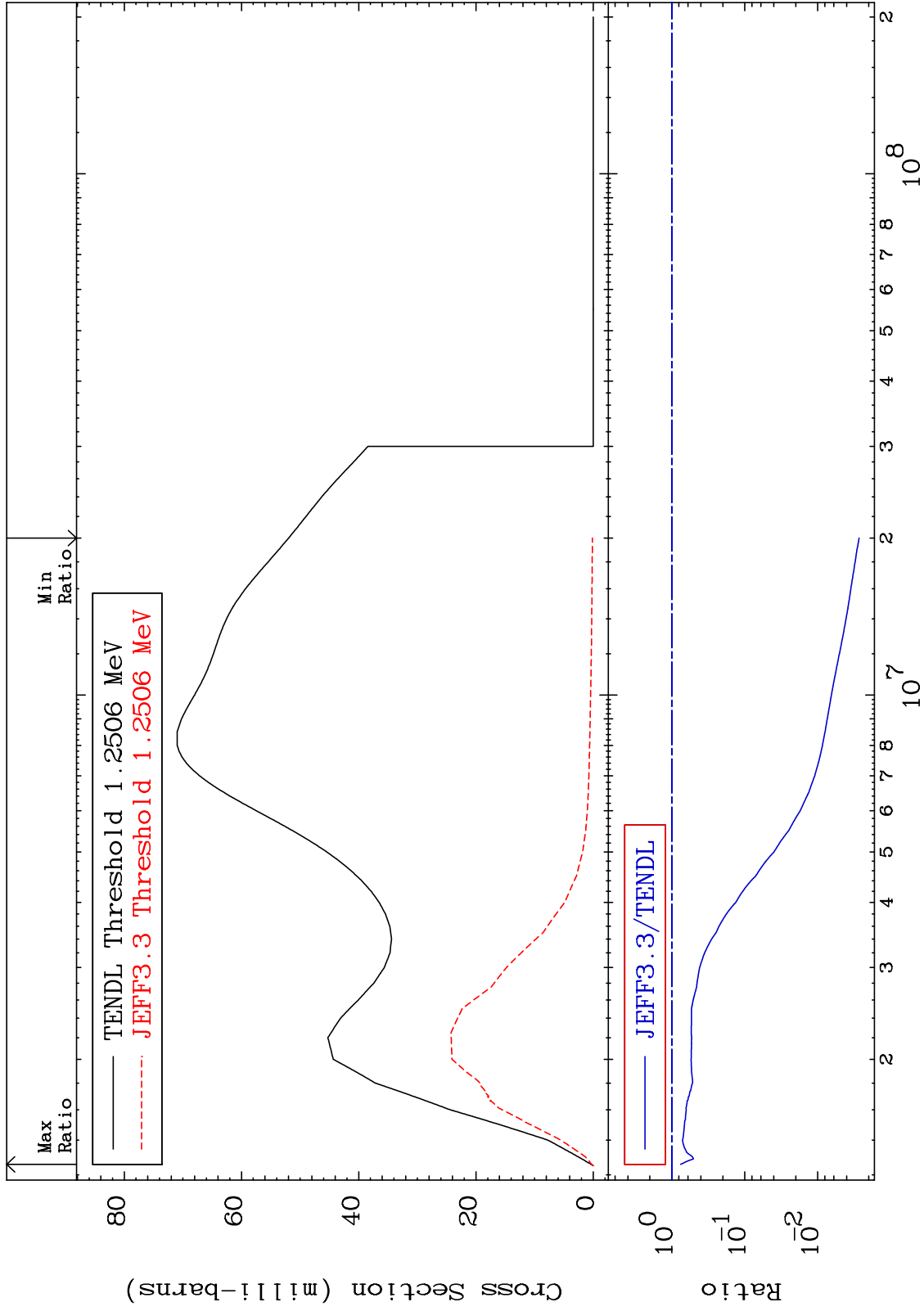
60-Nd-148
-76.97 To 121.1 %



MAT 6043

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

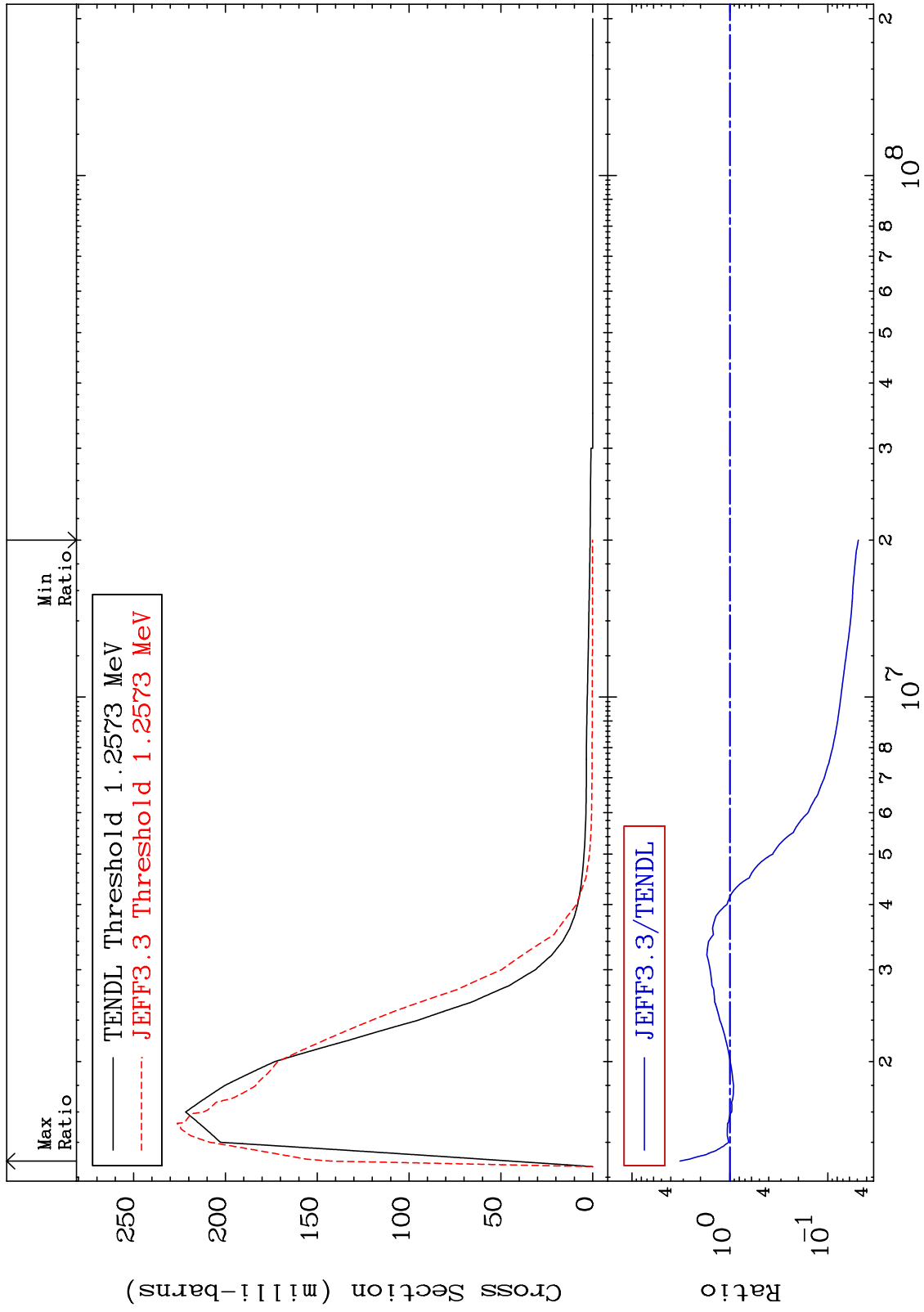
60-Nd-148
-99.73 To -24.29%



MAT 6043

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

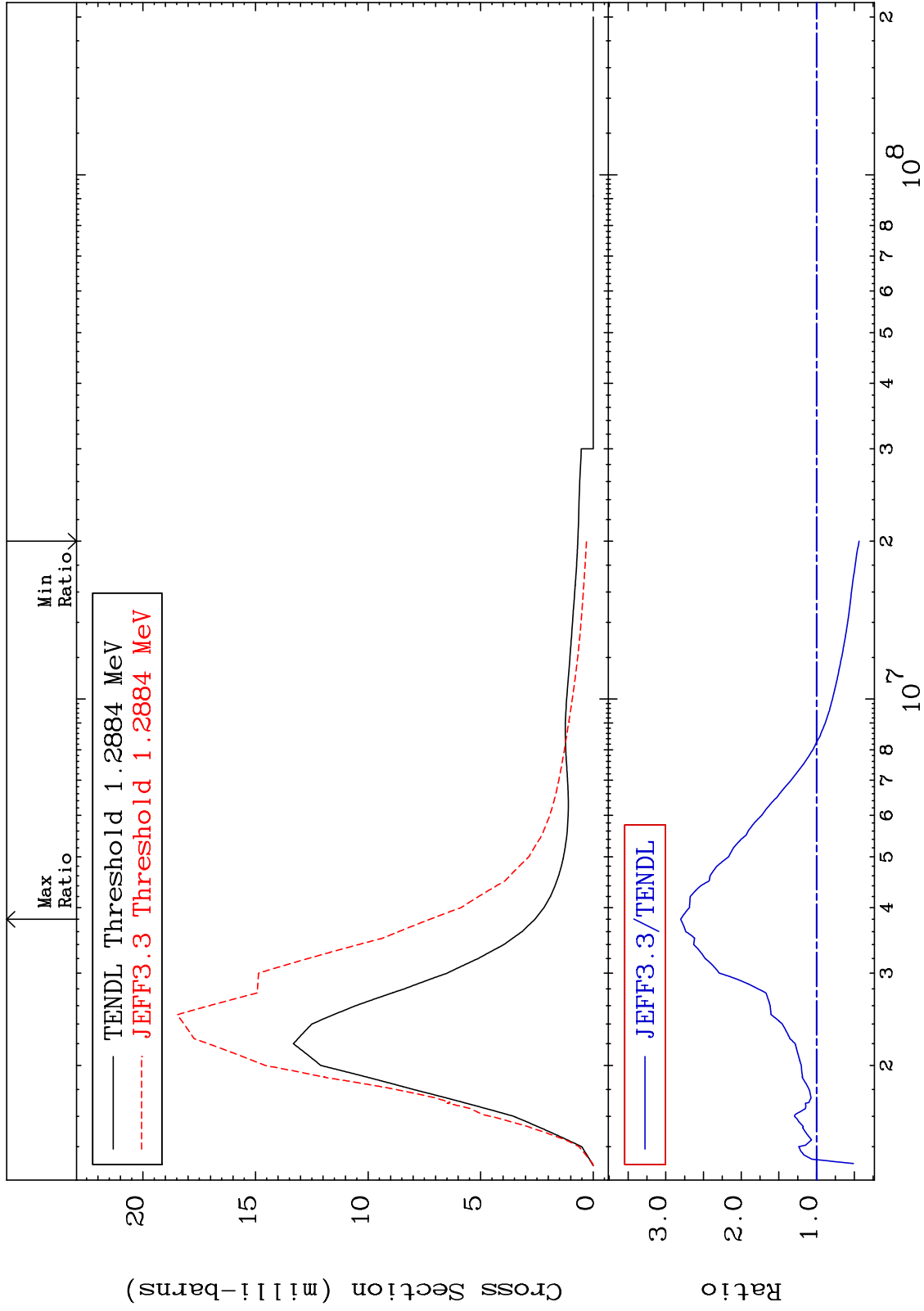
60-Nd-148
-95.14 To 222.6 %



MAT 6043

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

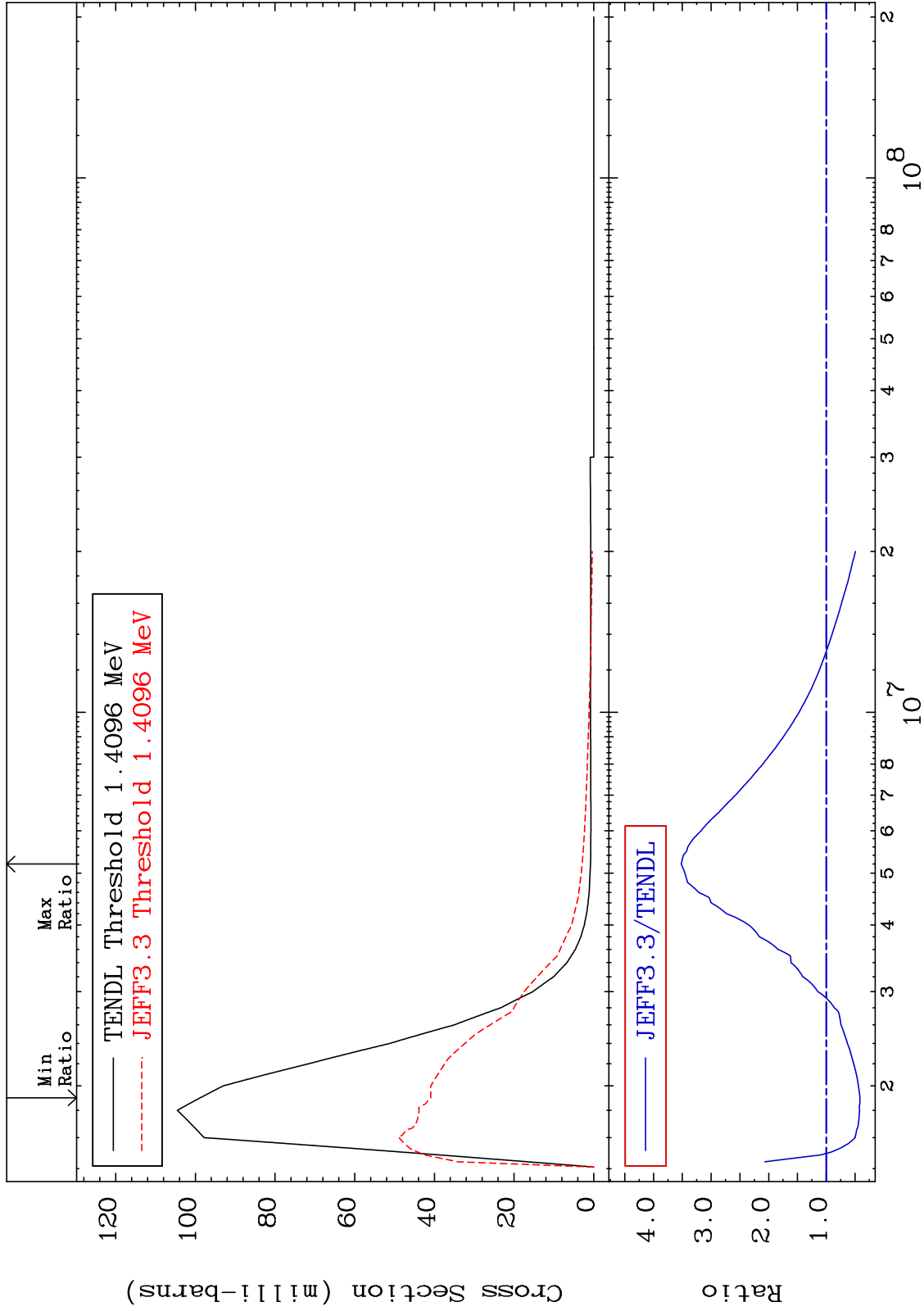
60-Nd-148
-56.56 To 180.3 %



MAT 6043

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

60-Nd-148
-58.60 To 252.0 %



20

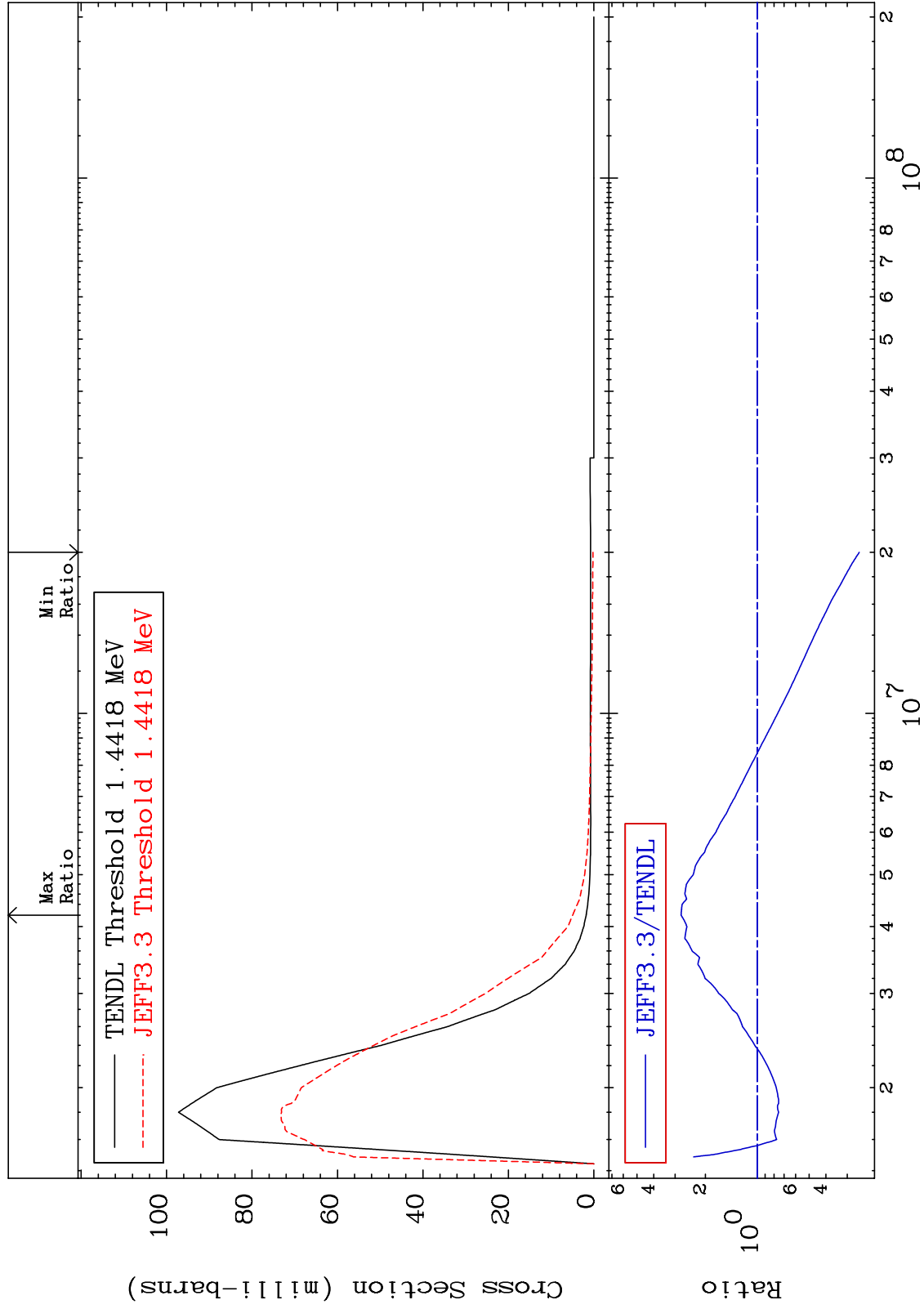
Incident Energy (eV)

60-Nd-148

MAT 6043

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

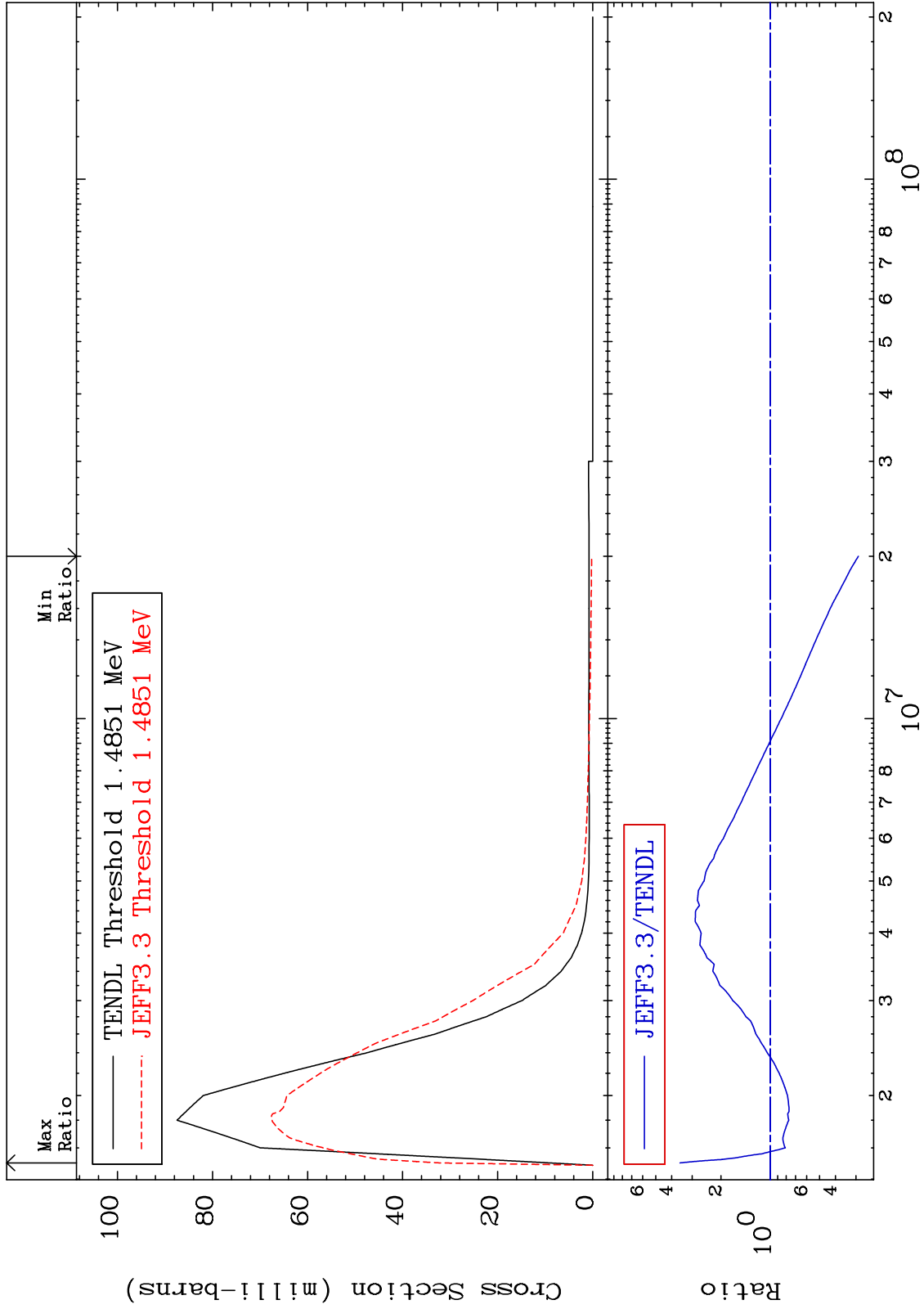
60-Nd-148
-74.43 To 177.3 %



MAT 6043

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

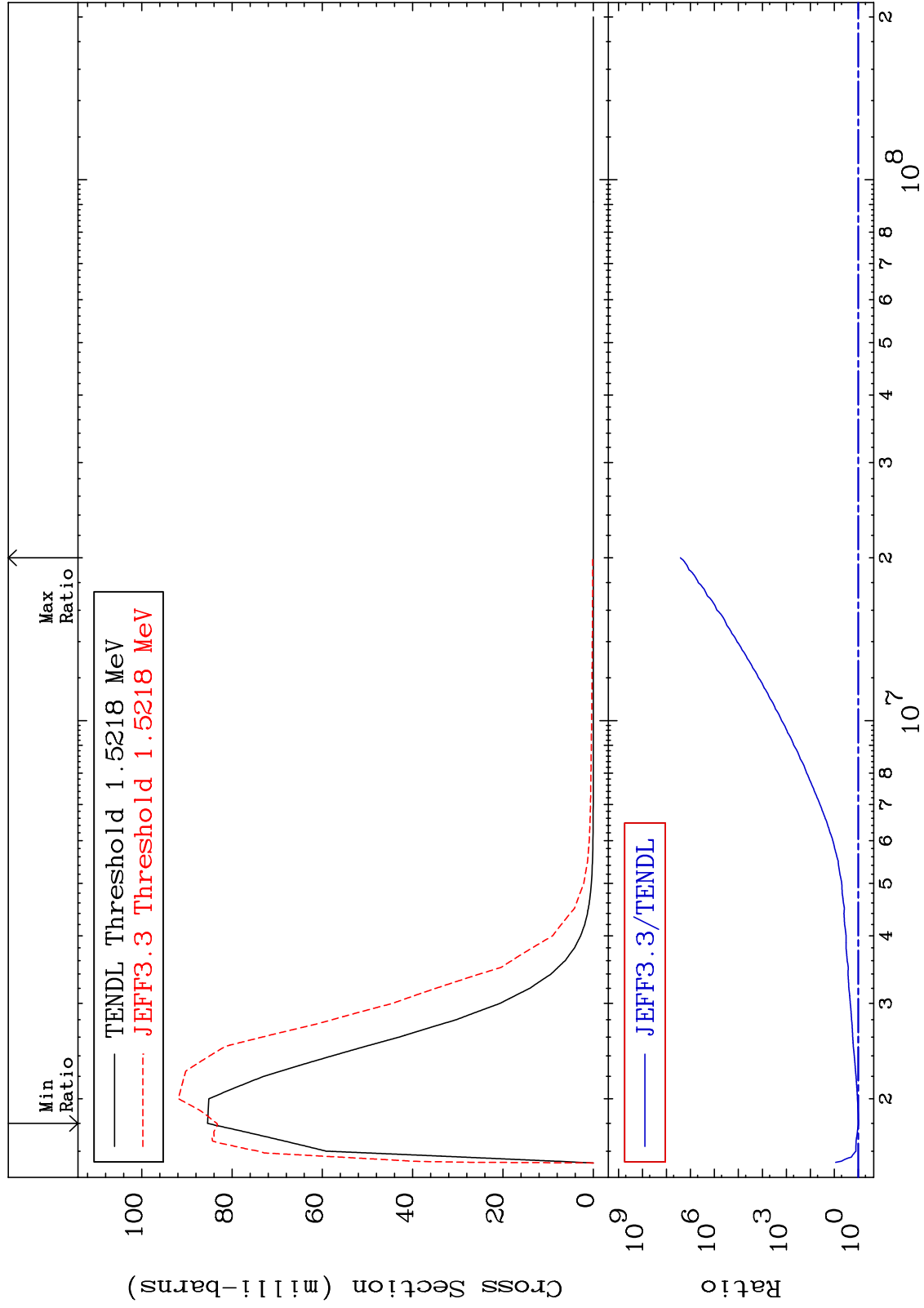
60-Nd-148
-71.02 To 255.4 %



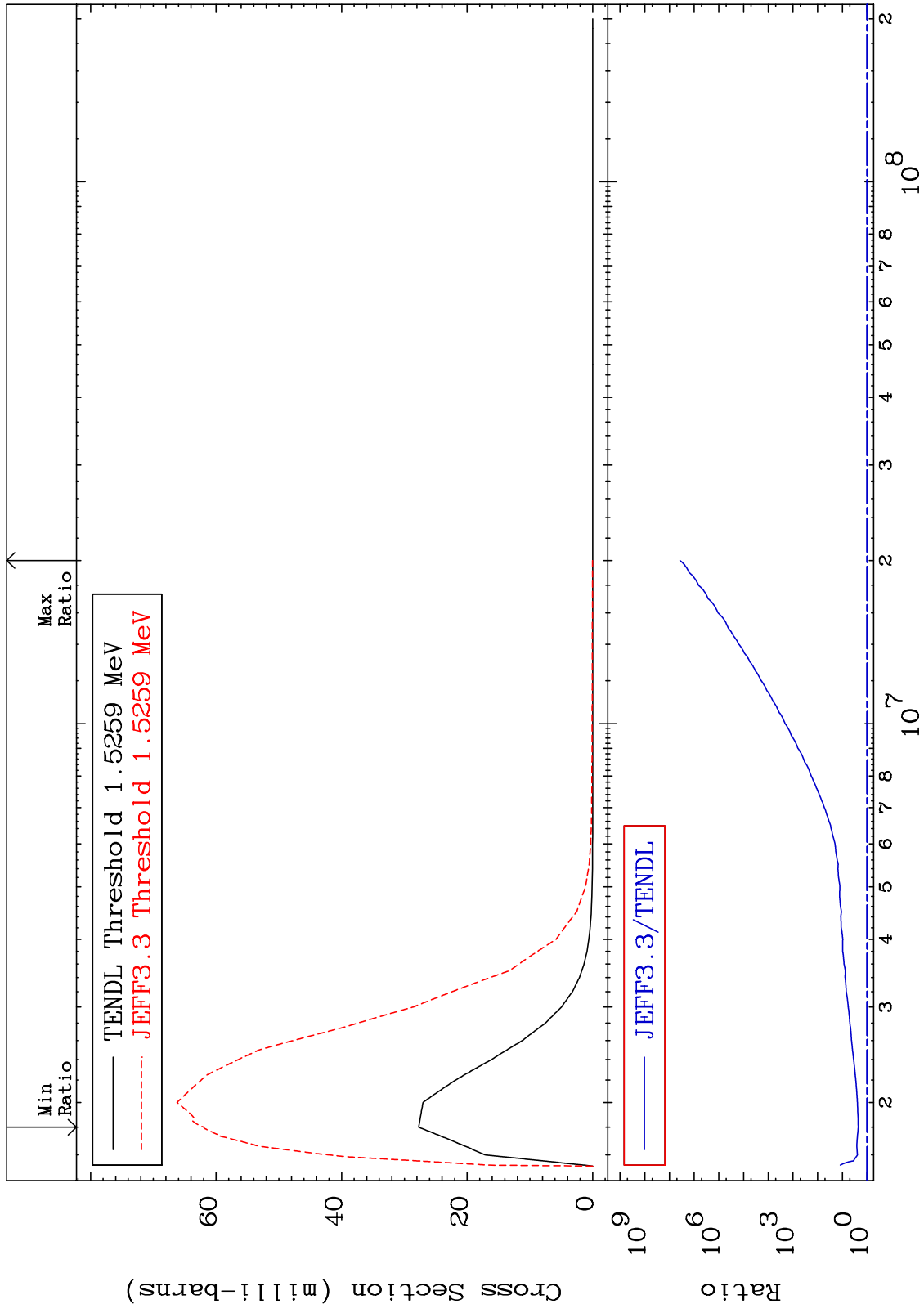
MAT 6043

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

60-Nd-148
-2.393 To 9999. %



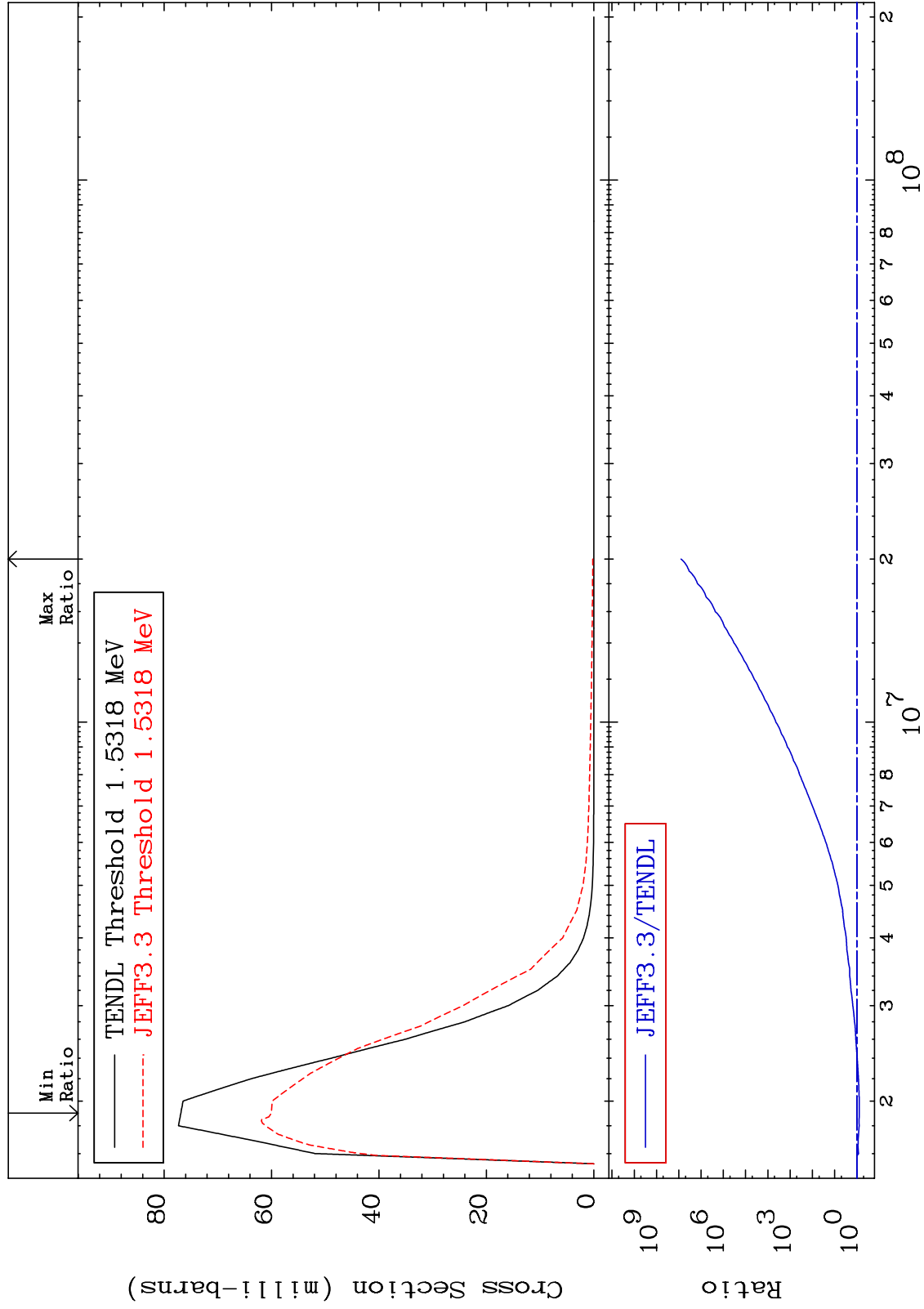
MAT 6043 MT= 64 (n,n') Level Cross Section 60-Nd-148 To 9999. %
 123.6



MAT 6043

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

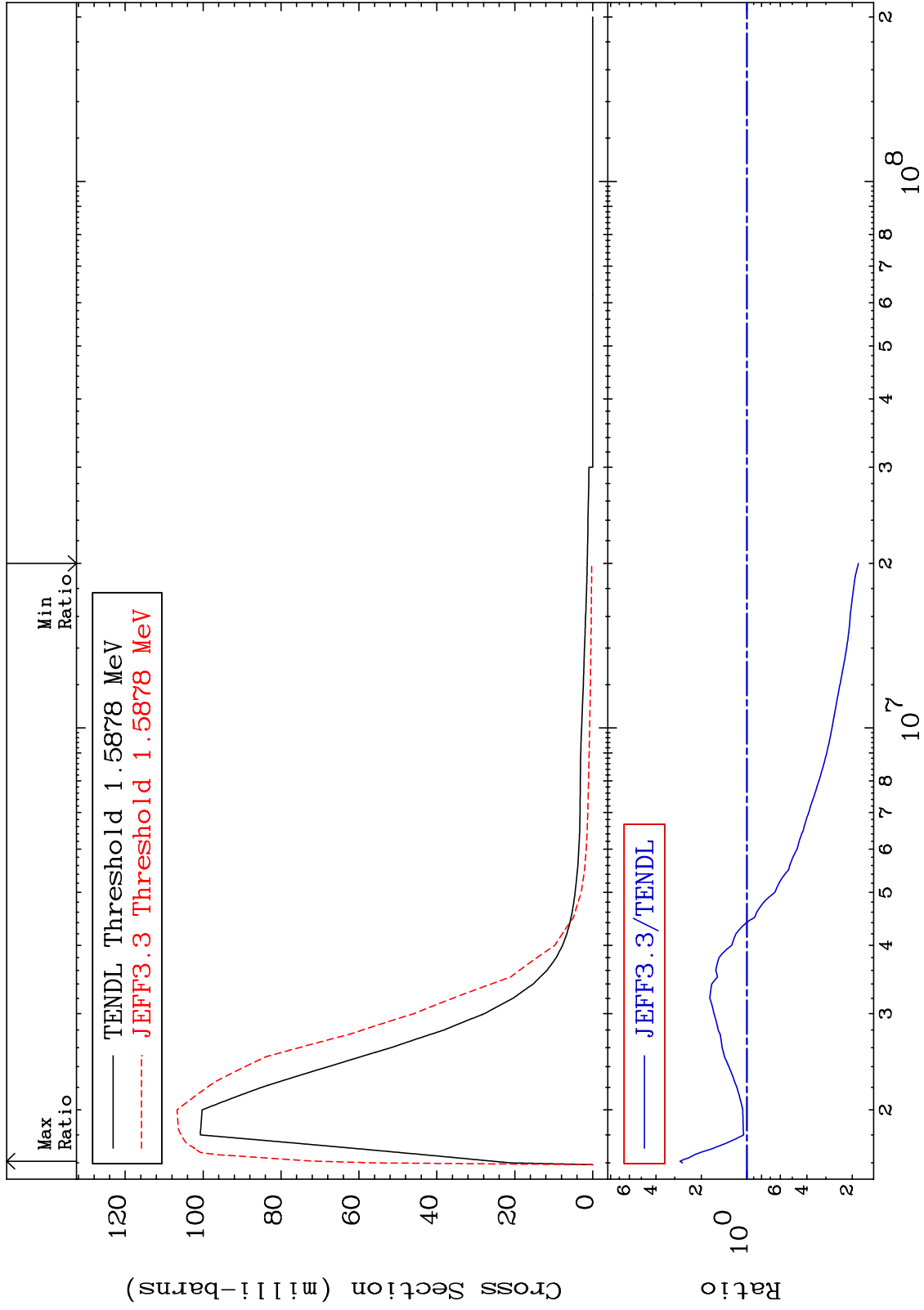
60-Nd-148
-21.94 To 9999. %



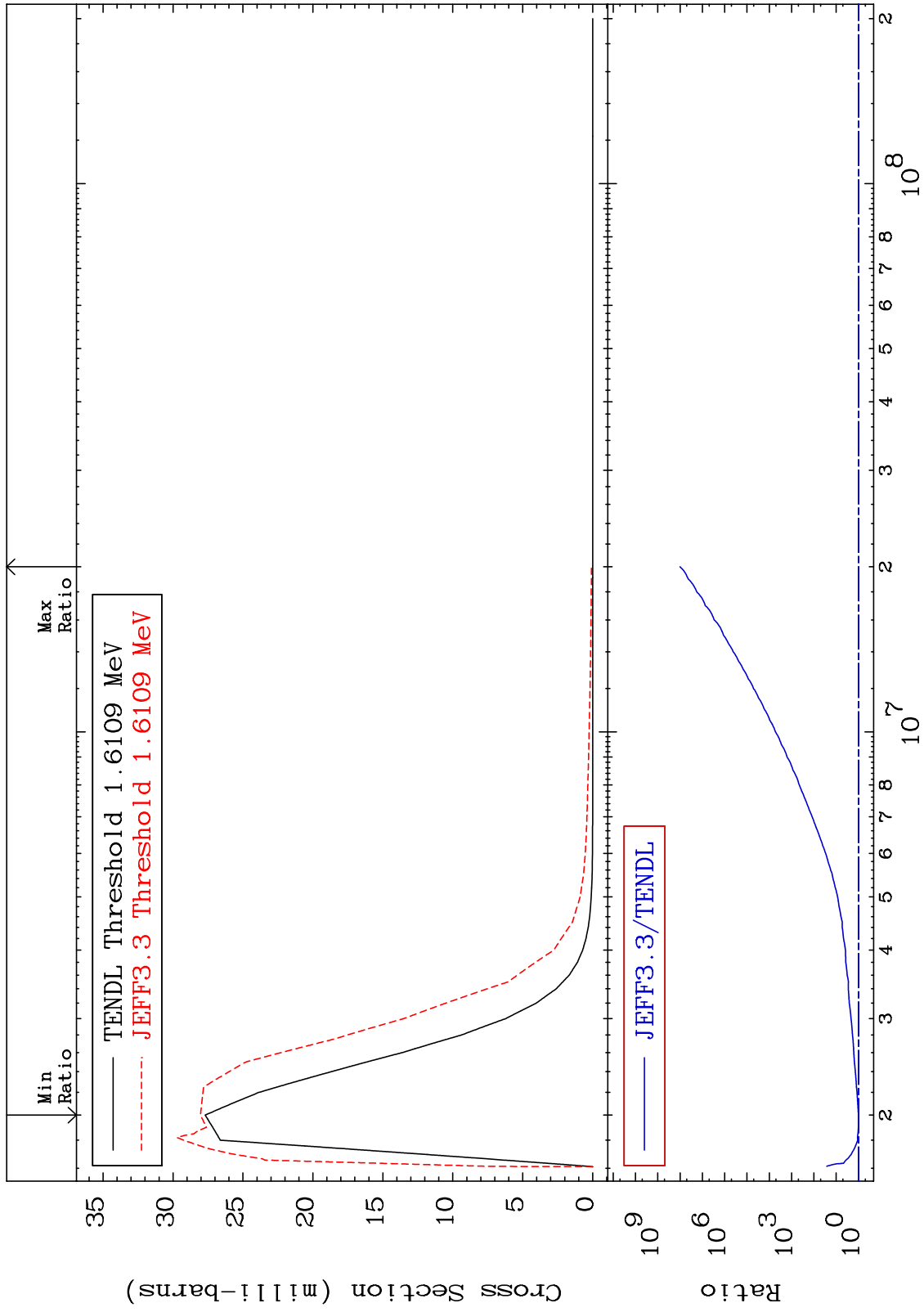
MAT 6043

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

60-Nd-148
-81.77 To 177.0 %



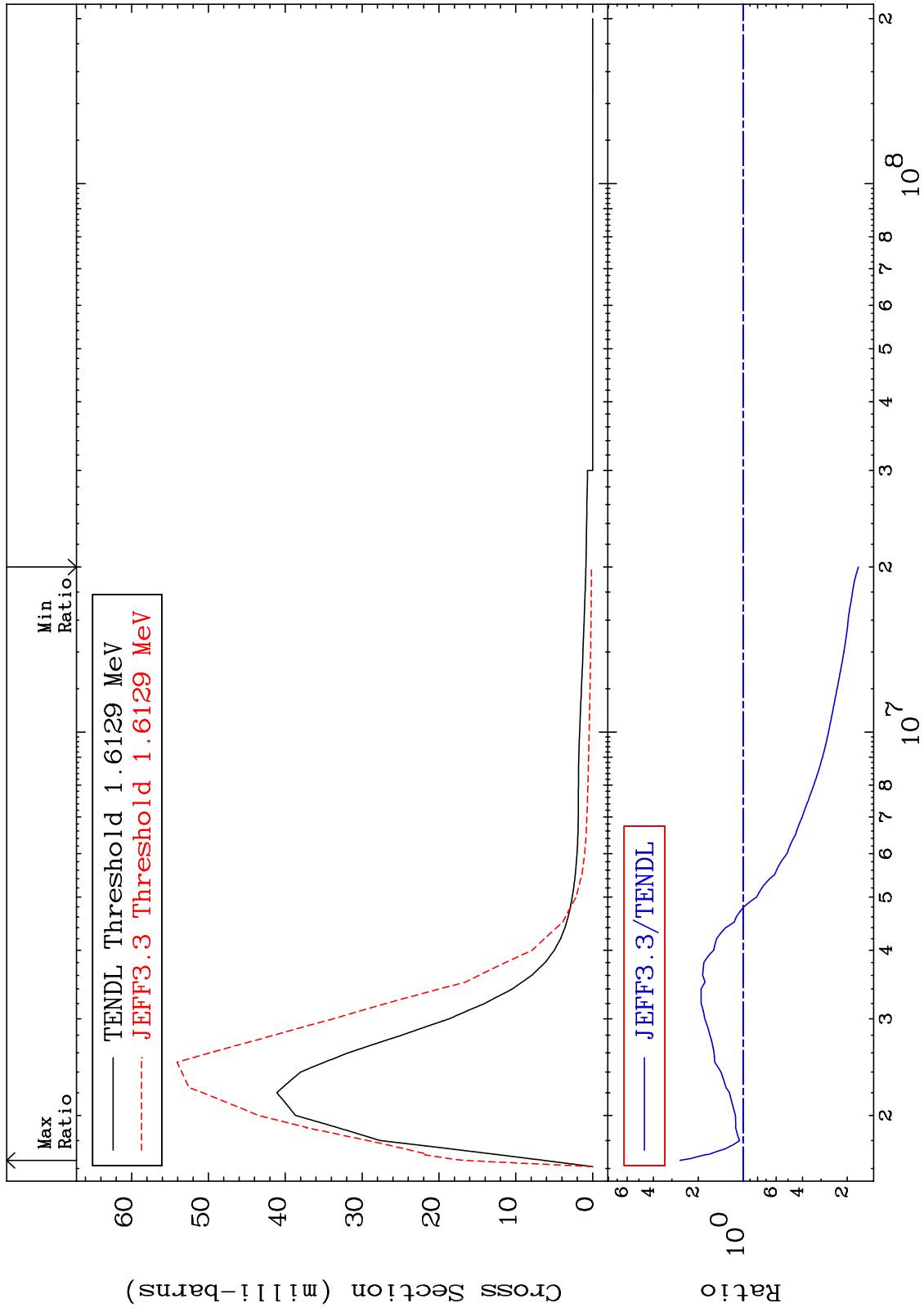
MAT 6043 MT= 67 (n, n') Level Cross Section 60-Nd-148 To 9999. %
1.207



MAT 6043

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

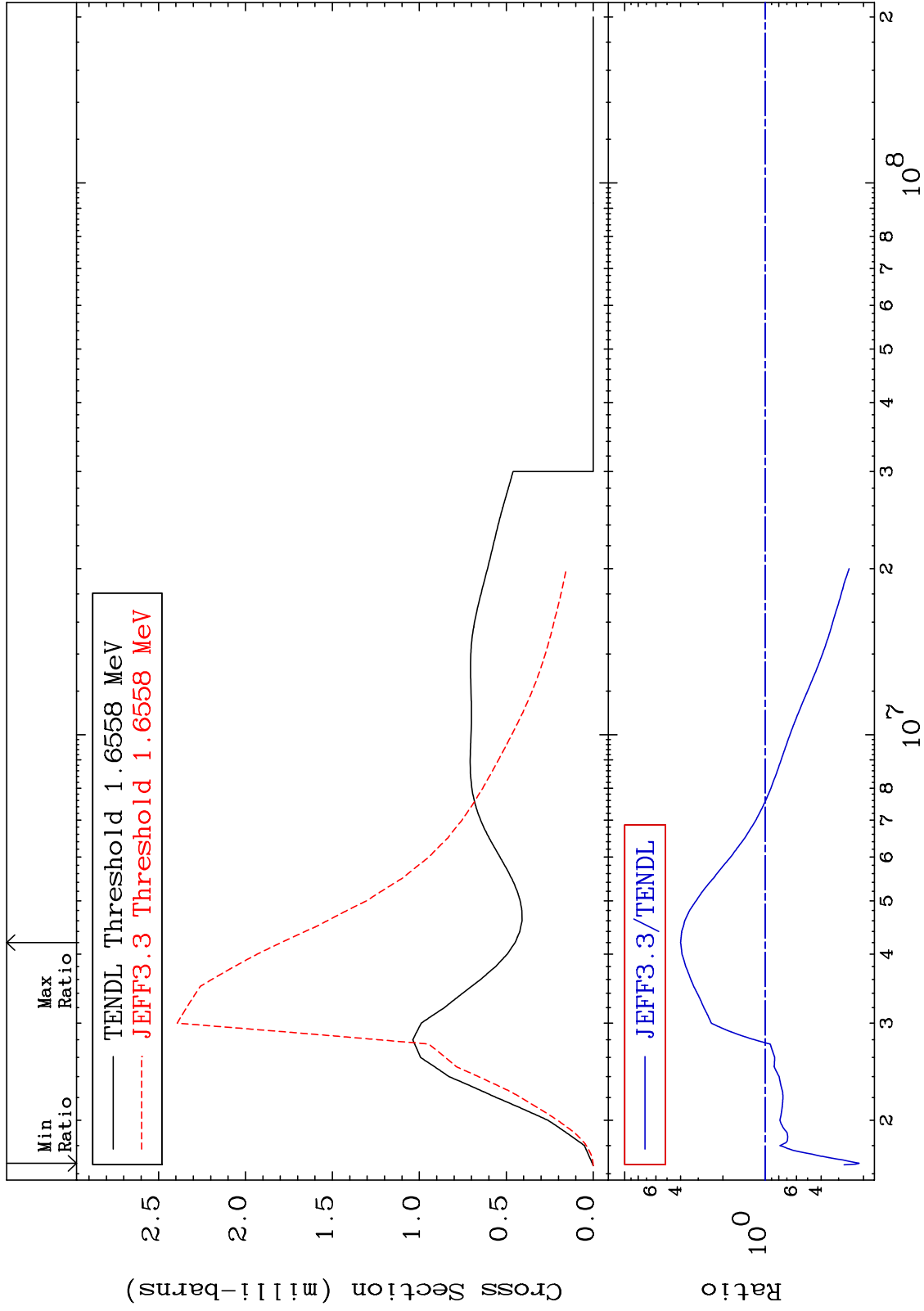
60-Nd-148
-83.16 To 164.9 %



MAT 6043

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

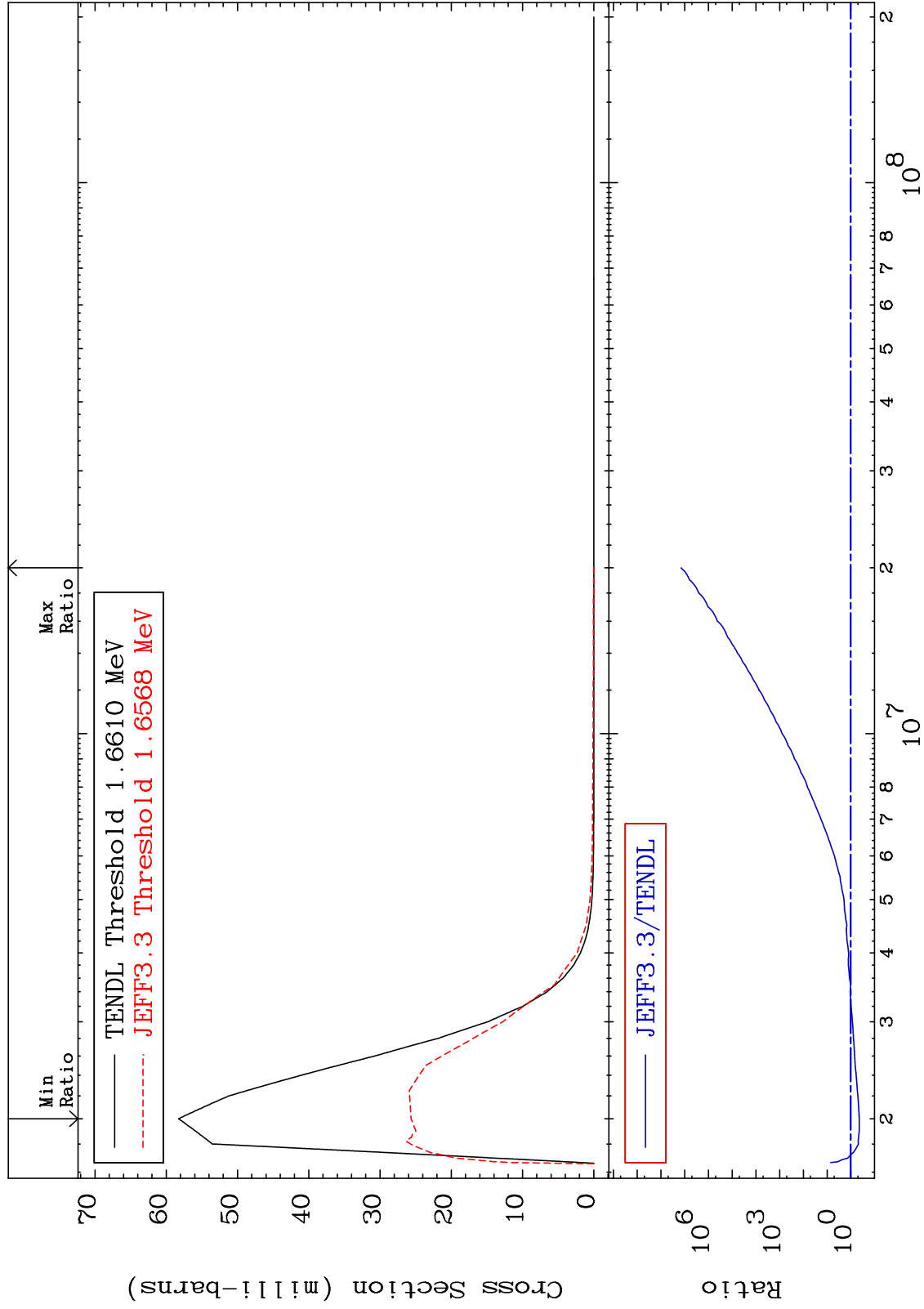
60-Nd-148
-78.55 To 299.7 %



MAT 6043

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

60-Nd-148
-55.99 To 9999. %



30

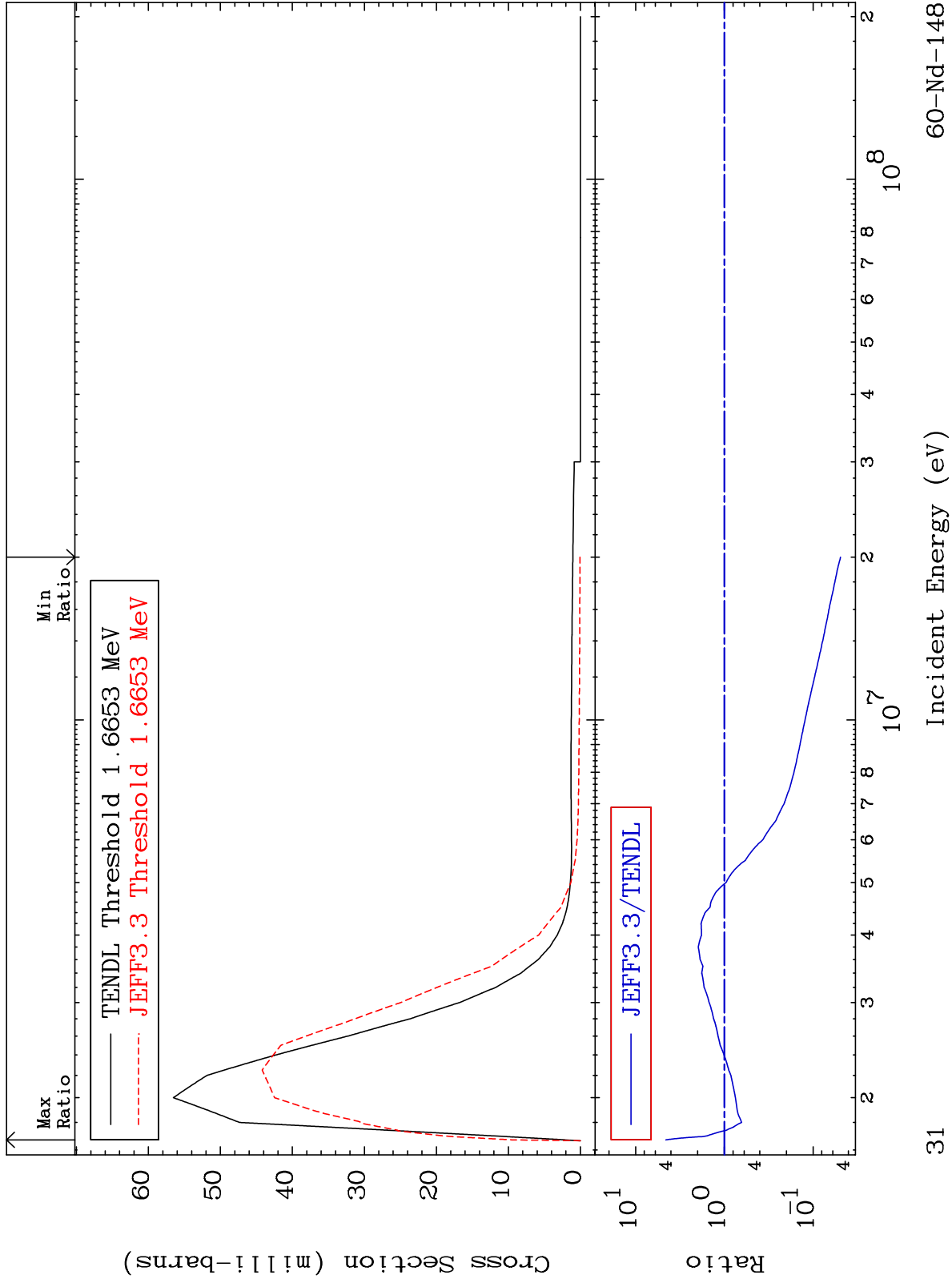
Incident Energy (eV)

60-Nd-148

MAT 6043

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

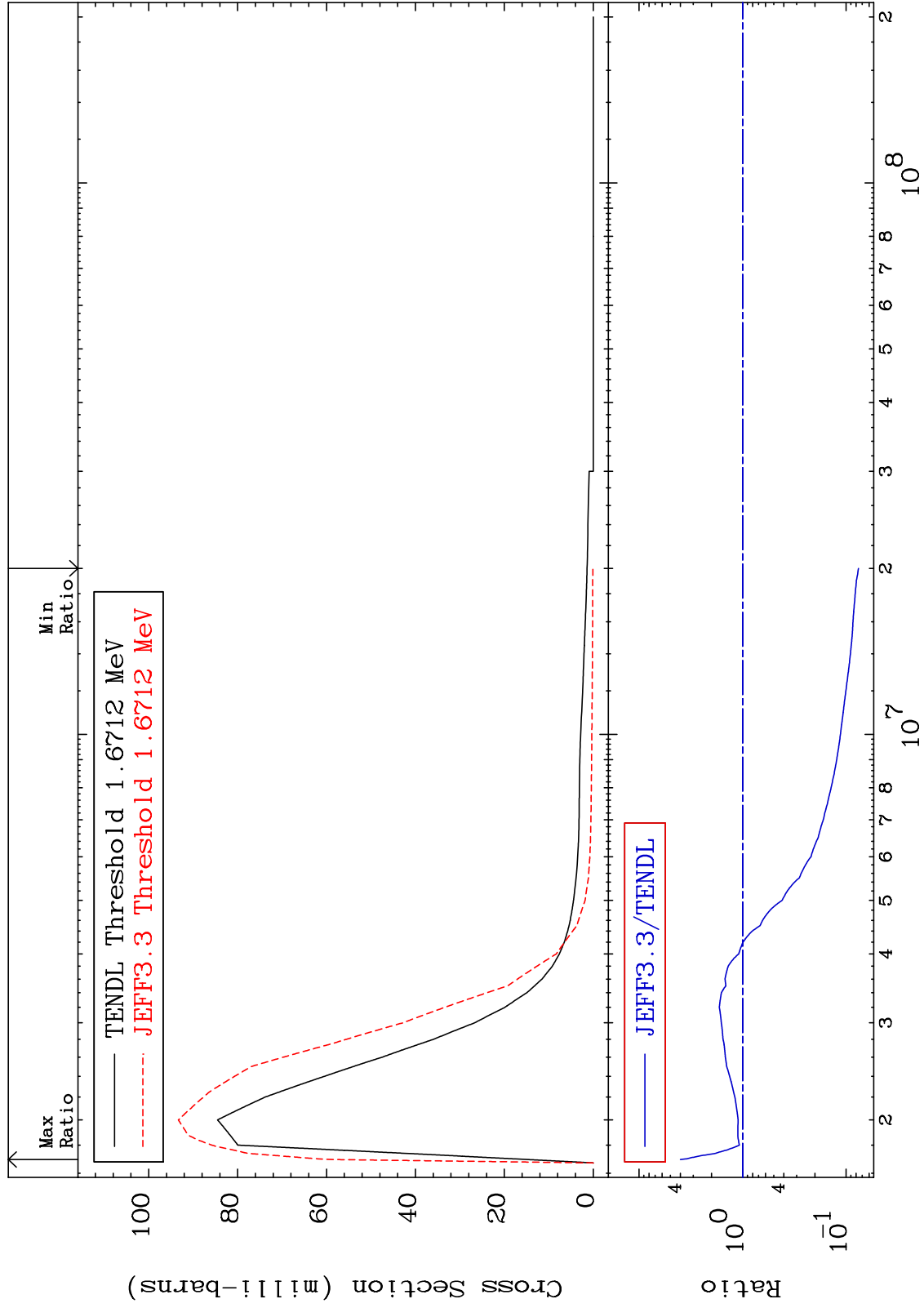
60-Nd-148
-95.08 To 356.7 %



MAT 6043

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

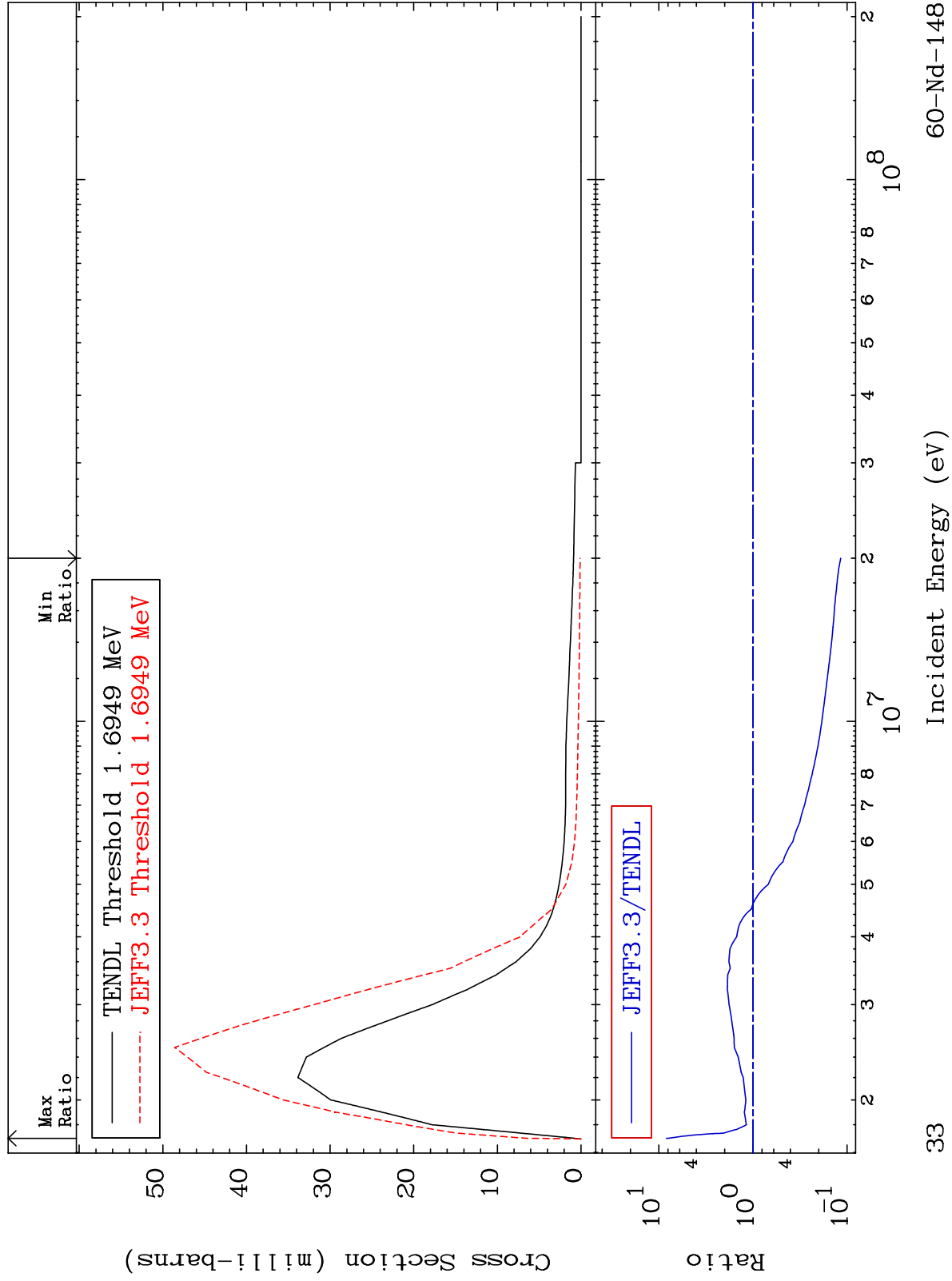
60-Nd-148
-92.41 To 298.6 %



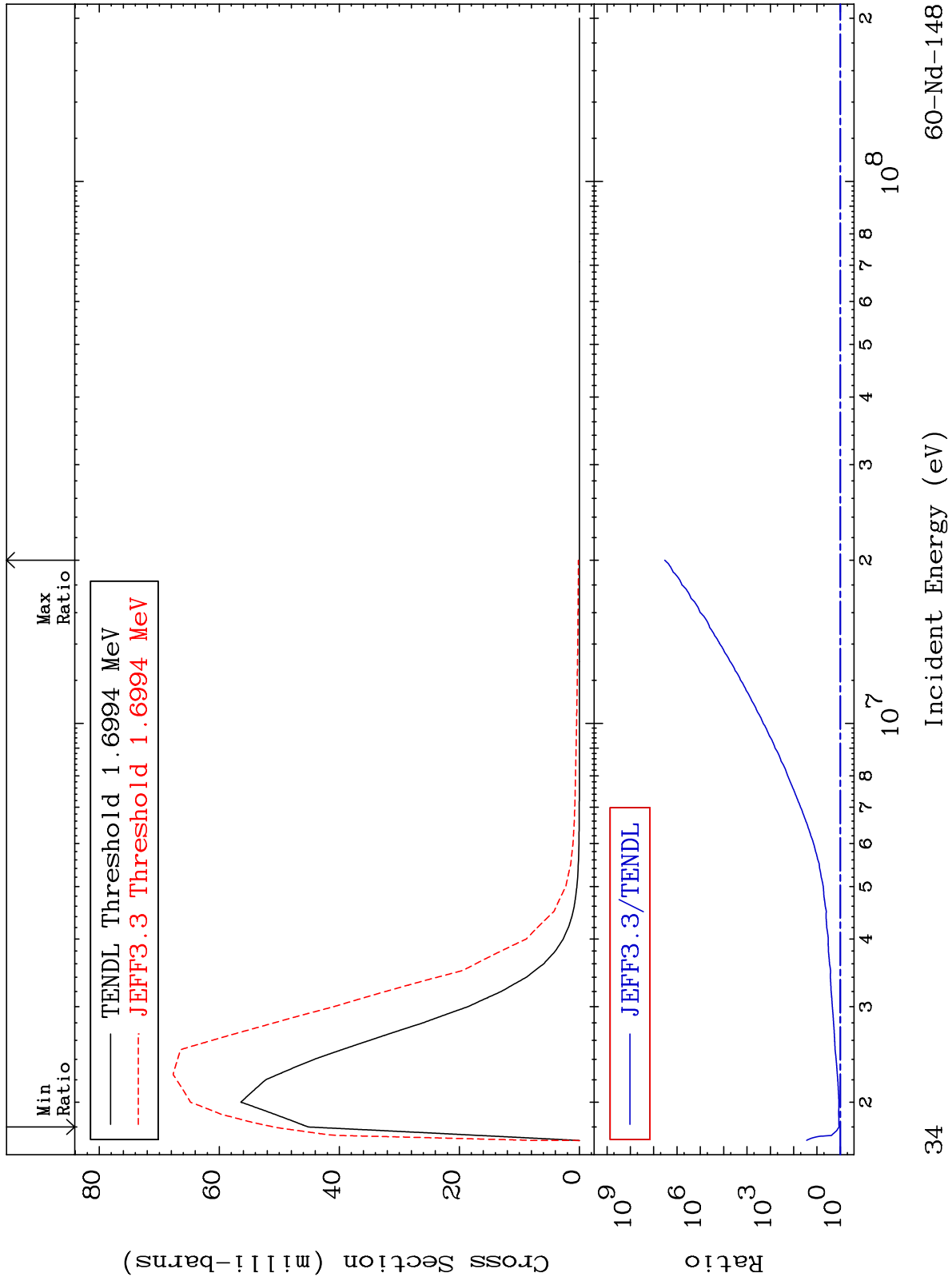
MAT 6043

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

60-Nd-148
-88.32 To 732.2 %



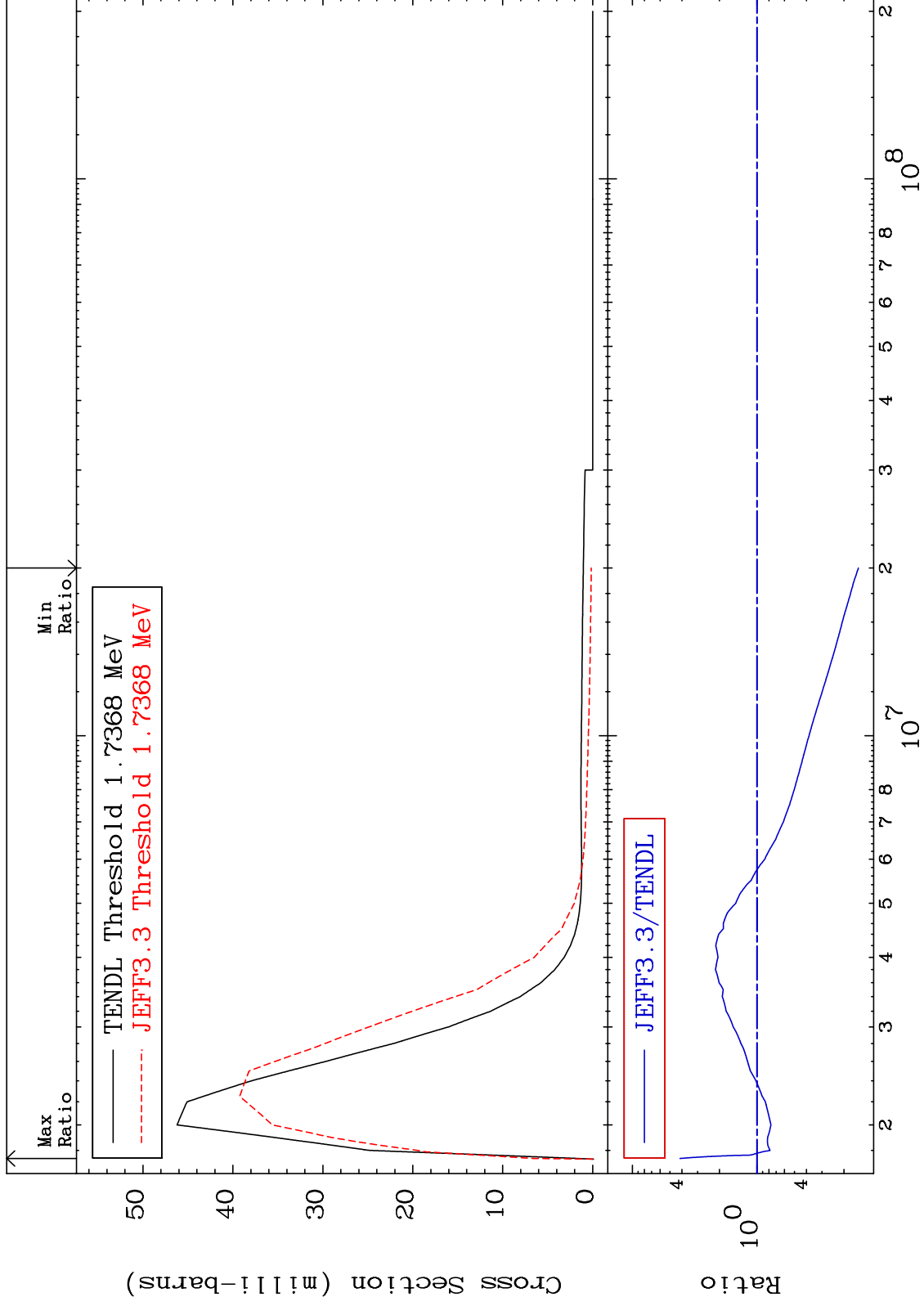
MAT 6043 MT= 74 (n,n') Level 60-Nd-148
 Cross Section 12.63 To 9999. %



MAT 6043

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

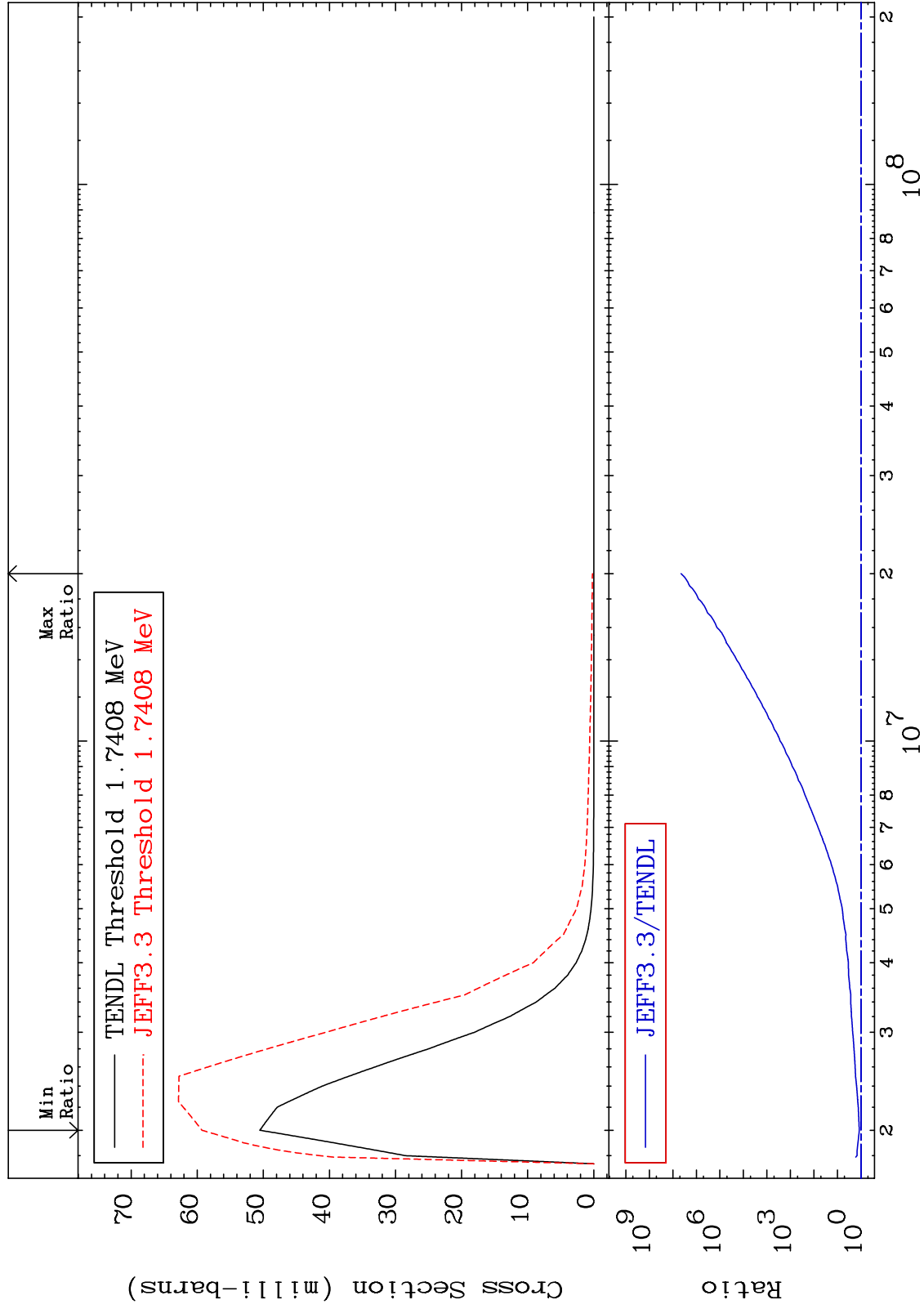
60-Nd-148
-84.70 To 314.6 %



MAT 6043

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

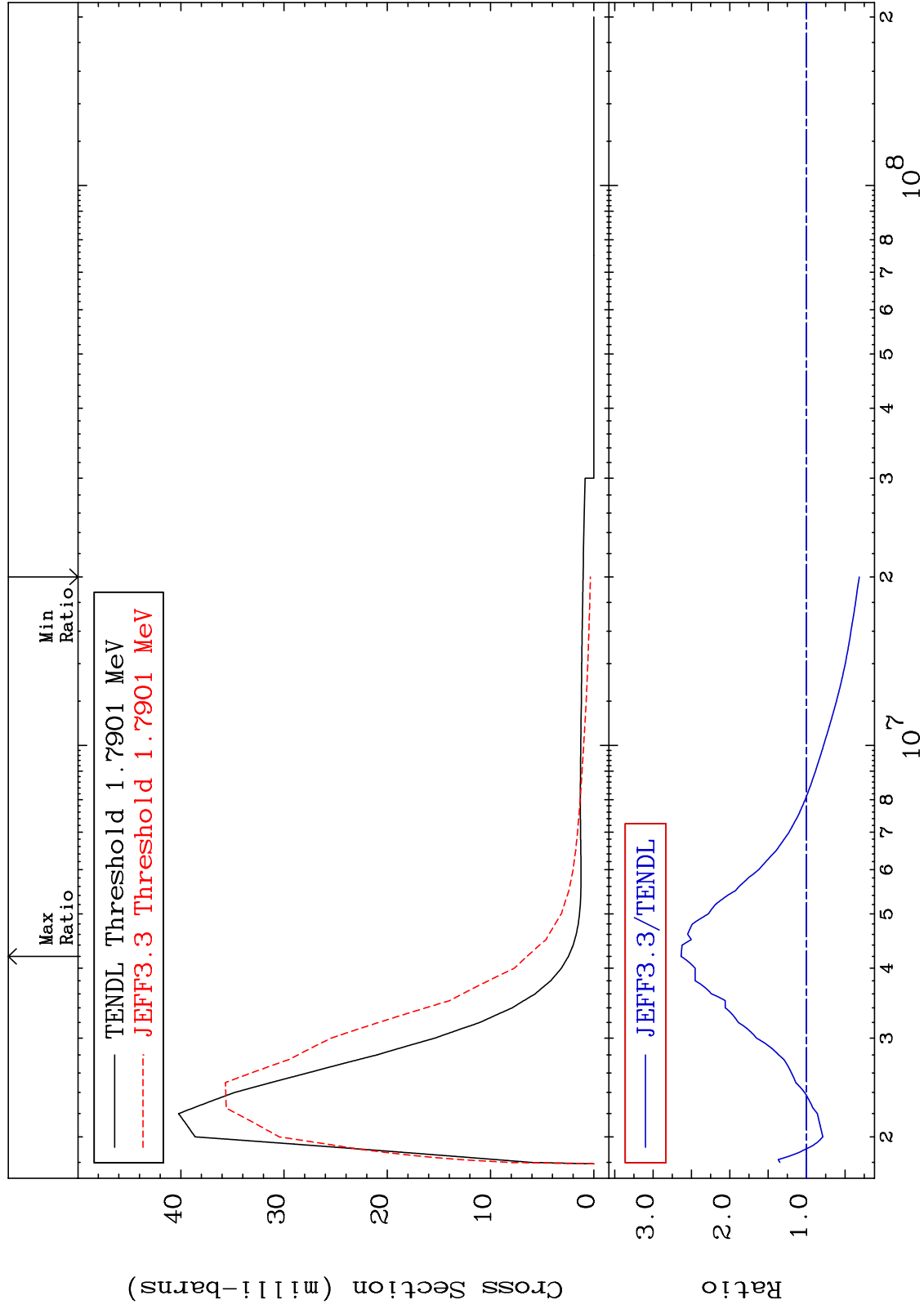
60-Nd-148
17.33 To 9999. %



MAT 6043

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

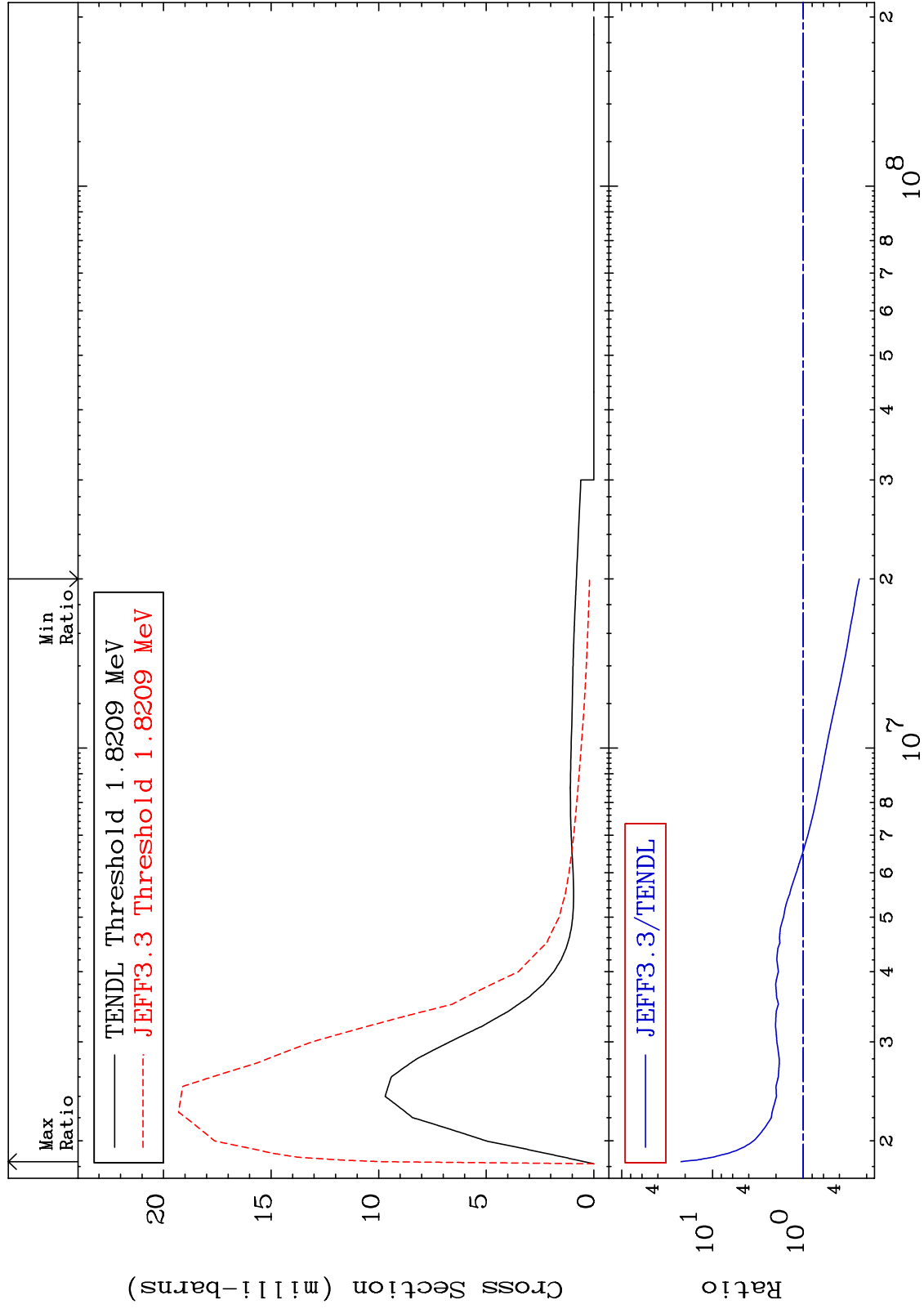
60-Nd-148
-68.65 To 163.5 %



MAT 6043

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

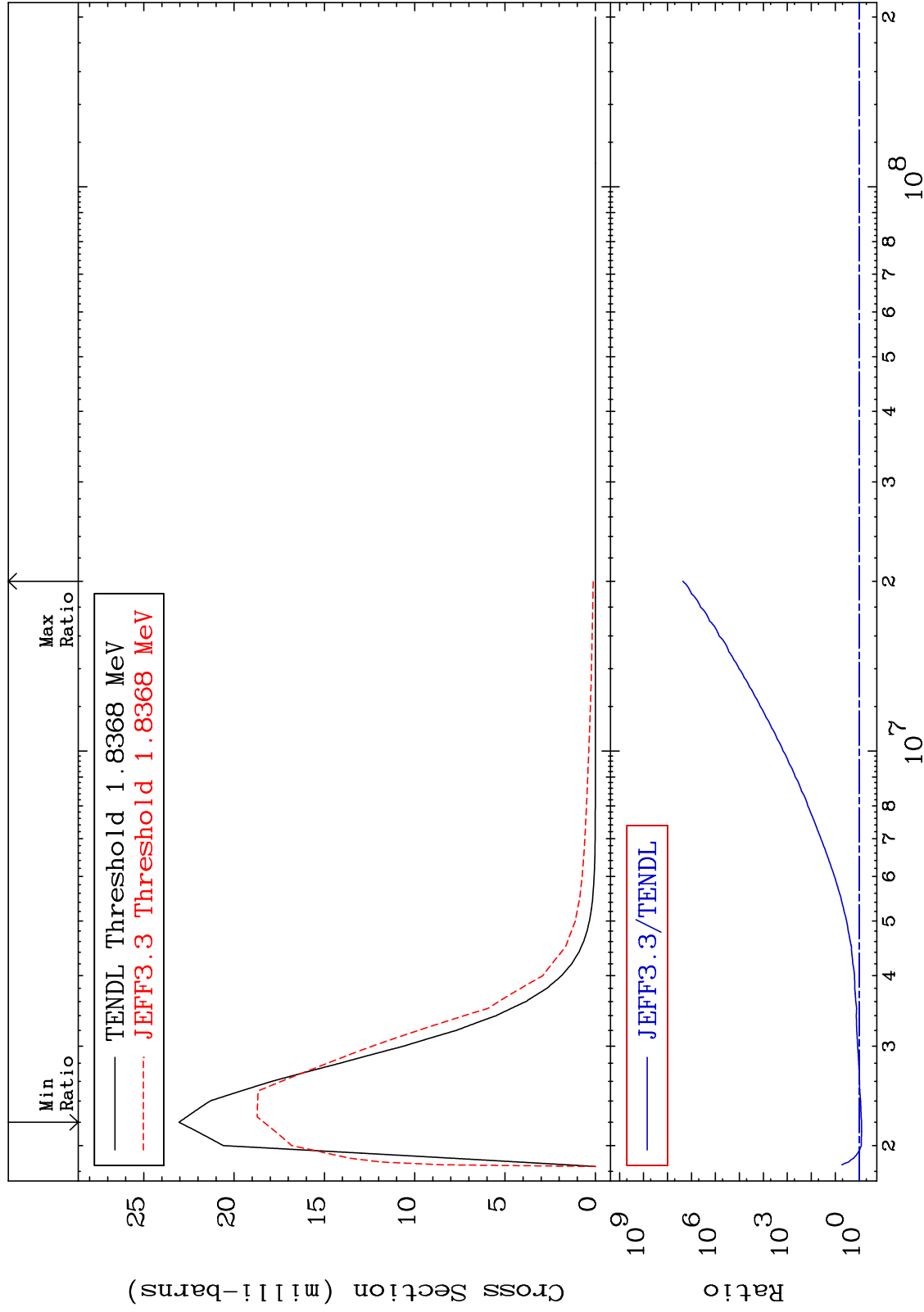
60-Nd-148
-75.85 To 2124. %



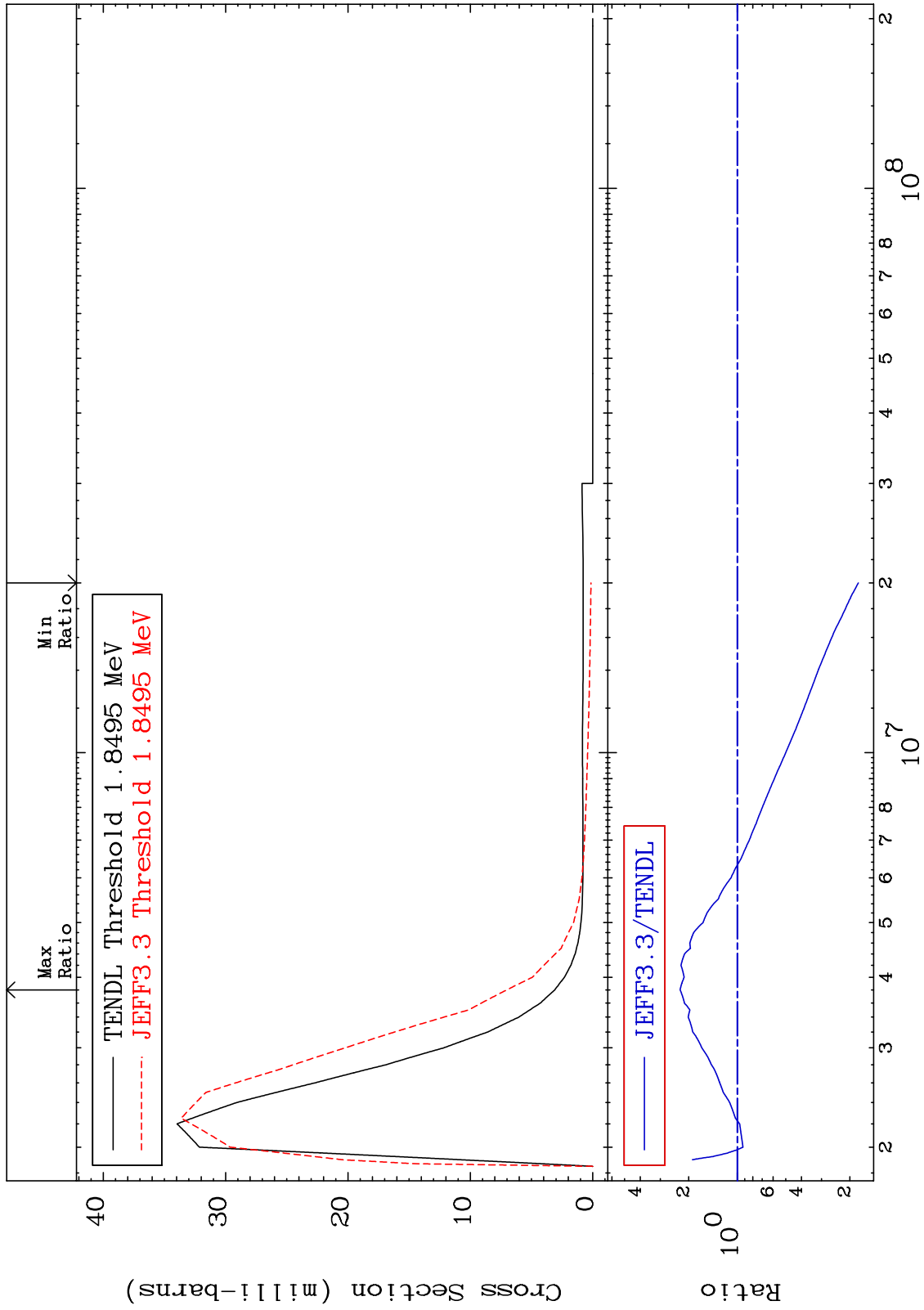
MAT 6043

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

60-Nd-148
-20.42 To 9999. %



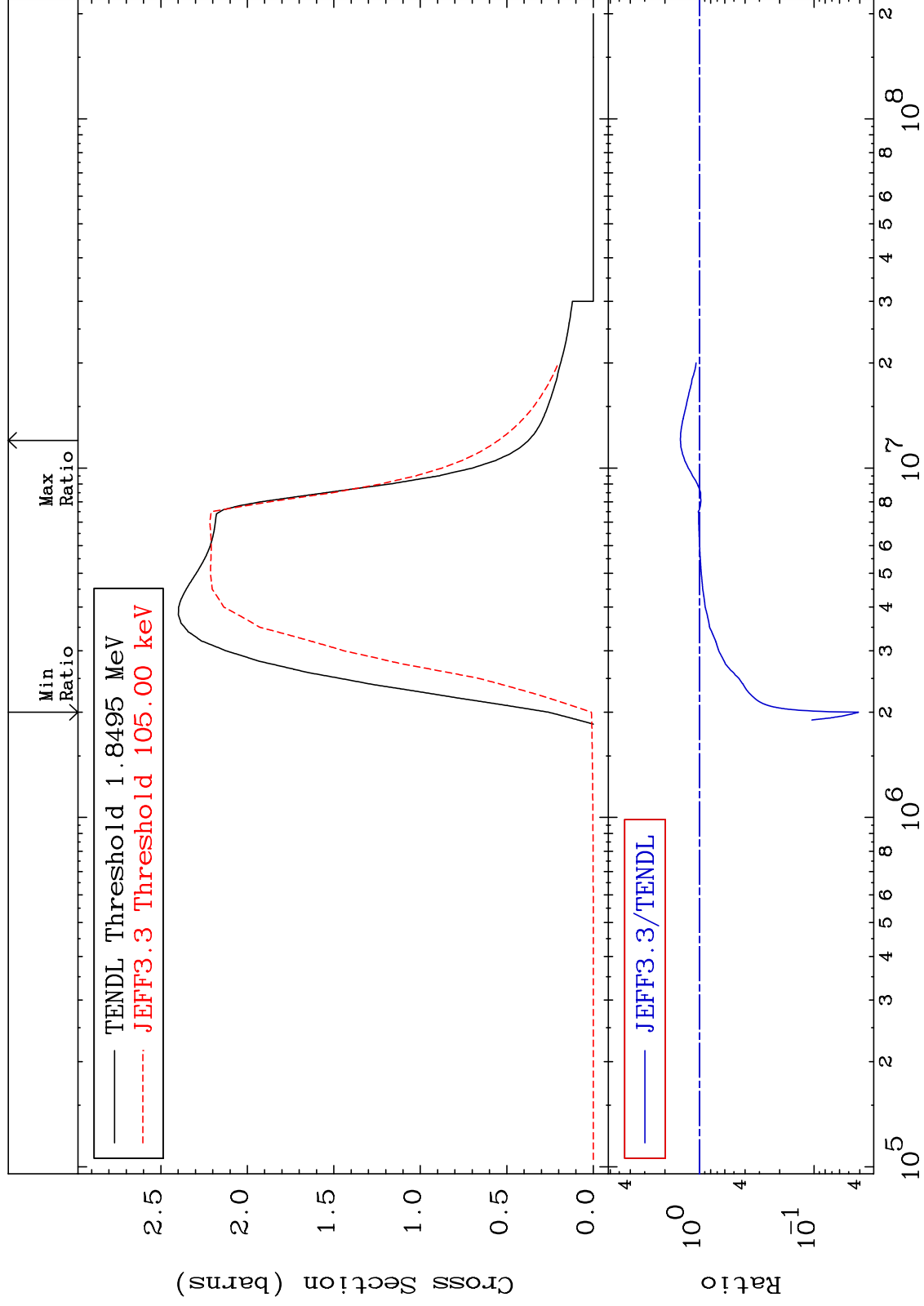
MAT 6043 MT= 80 (n,n') Level
Cross Section 60-Nd-148
-82.29 To 126.5 %



MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-95.90 To 46.43 %



Incident Energy (eV)

60-Nd-148

41

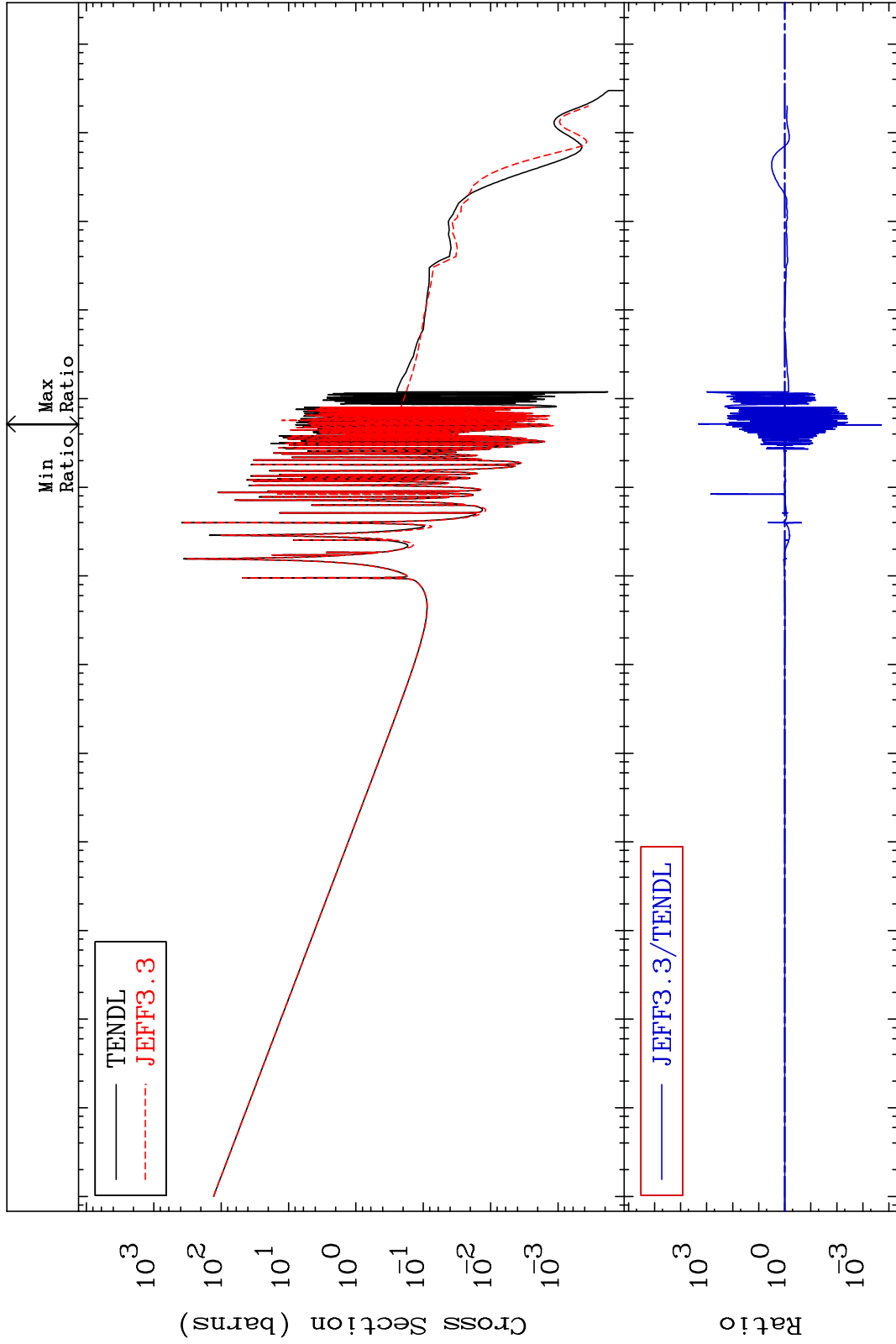
MAT 6043

(n, γ)

60-Nd-148

Cross Section

-99.98 To 9999. %



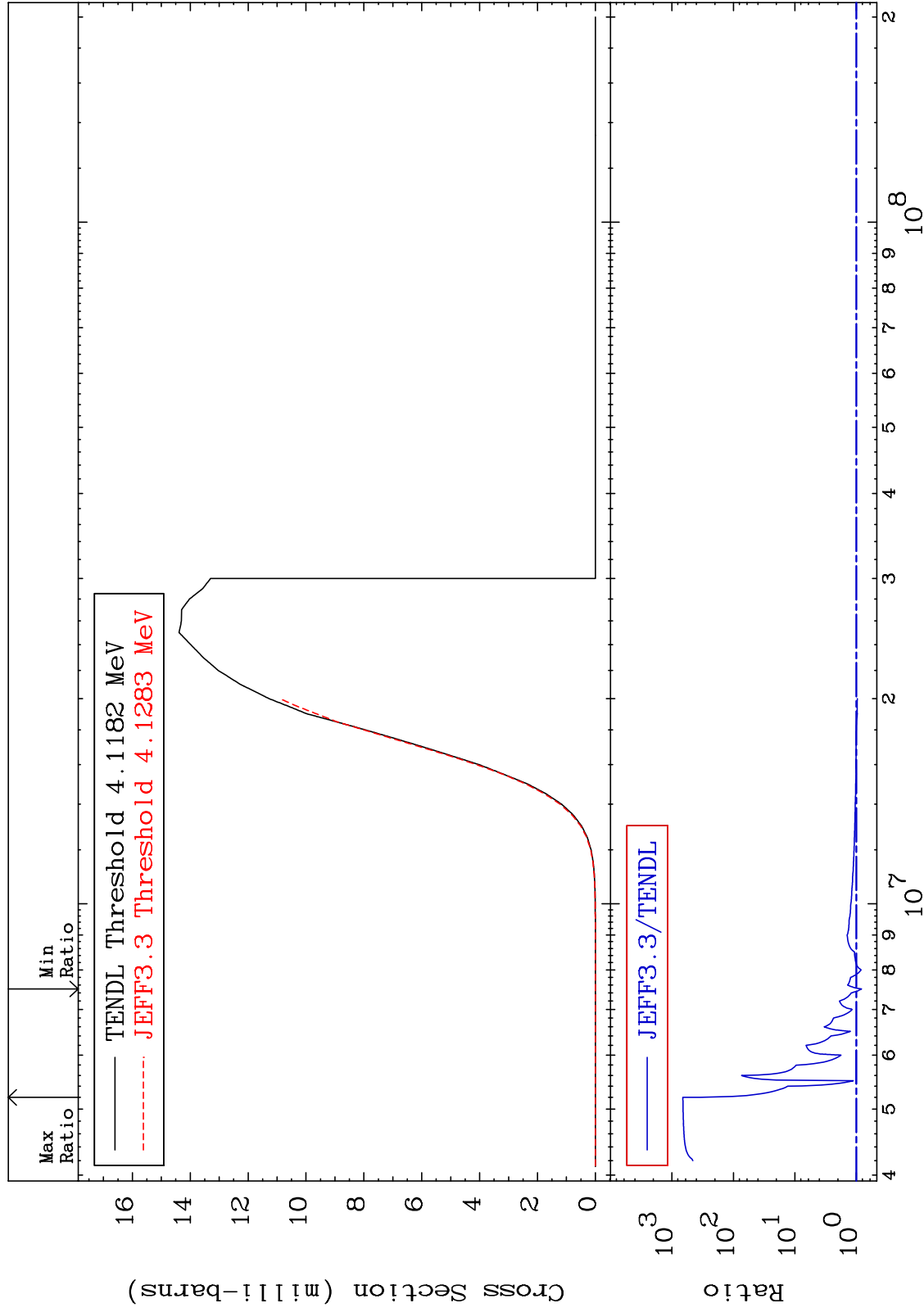
MAT 6043

(n,p)

60-Nd-148

Cross Section

-17.64 To 9999. %



43

Incident Energy (eV)

60-Nd-148

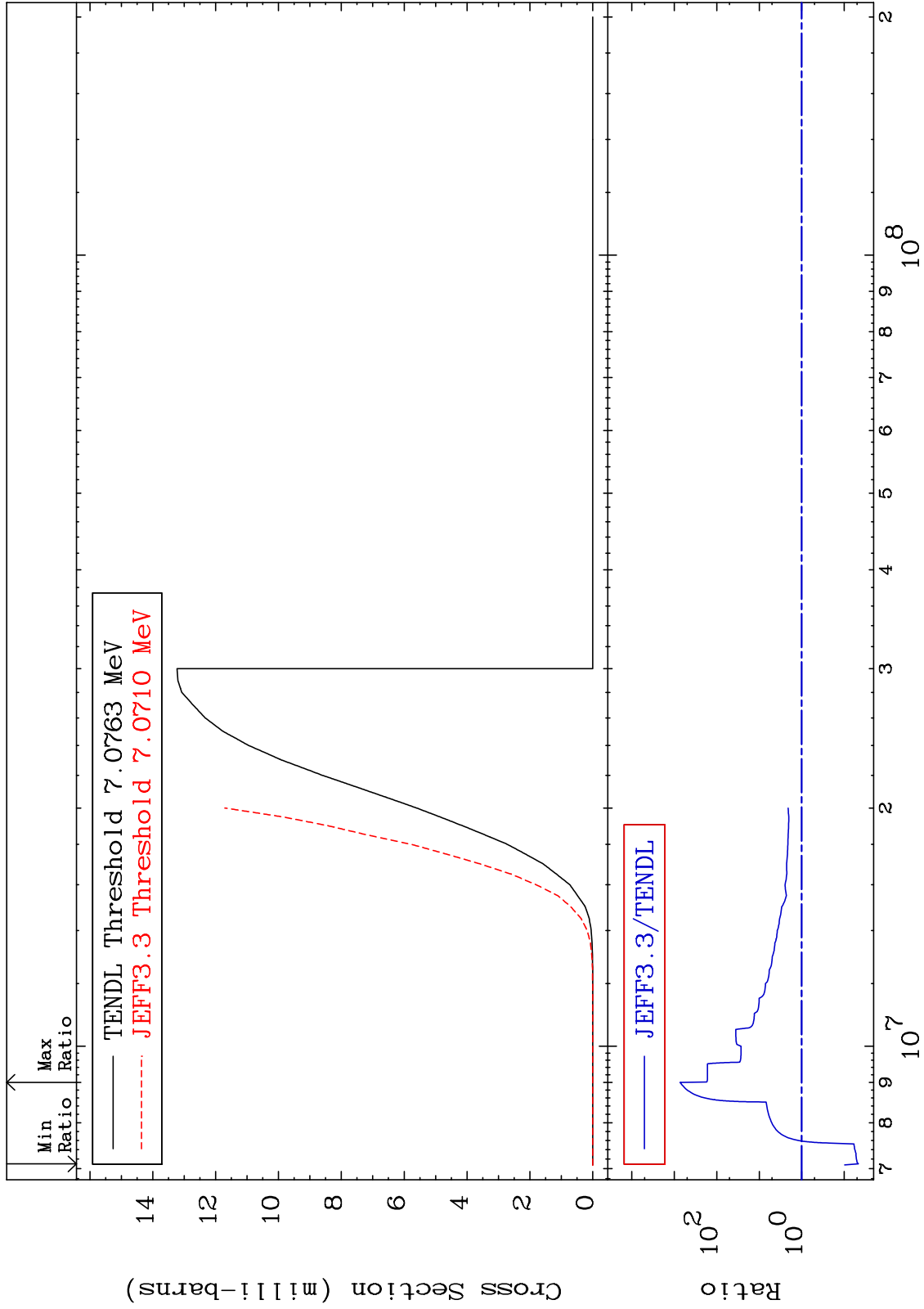
MAT 6043

(n, d)

60-Nd-148

Cross Section

-95.36 To 9999. %



44

Incident Energy (eV)

60-Nd-148

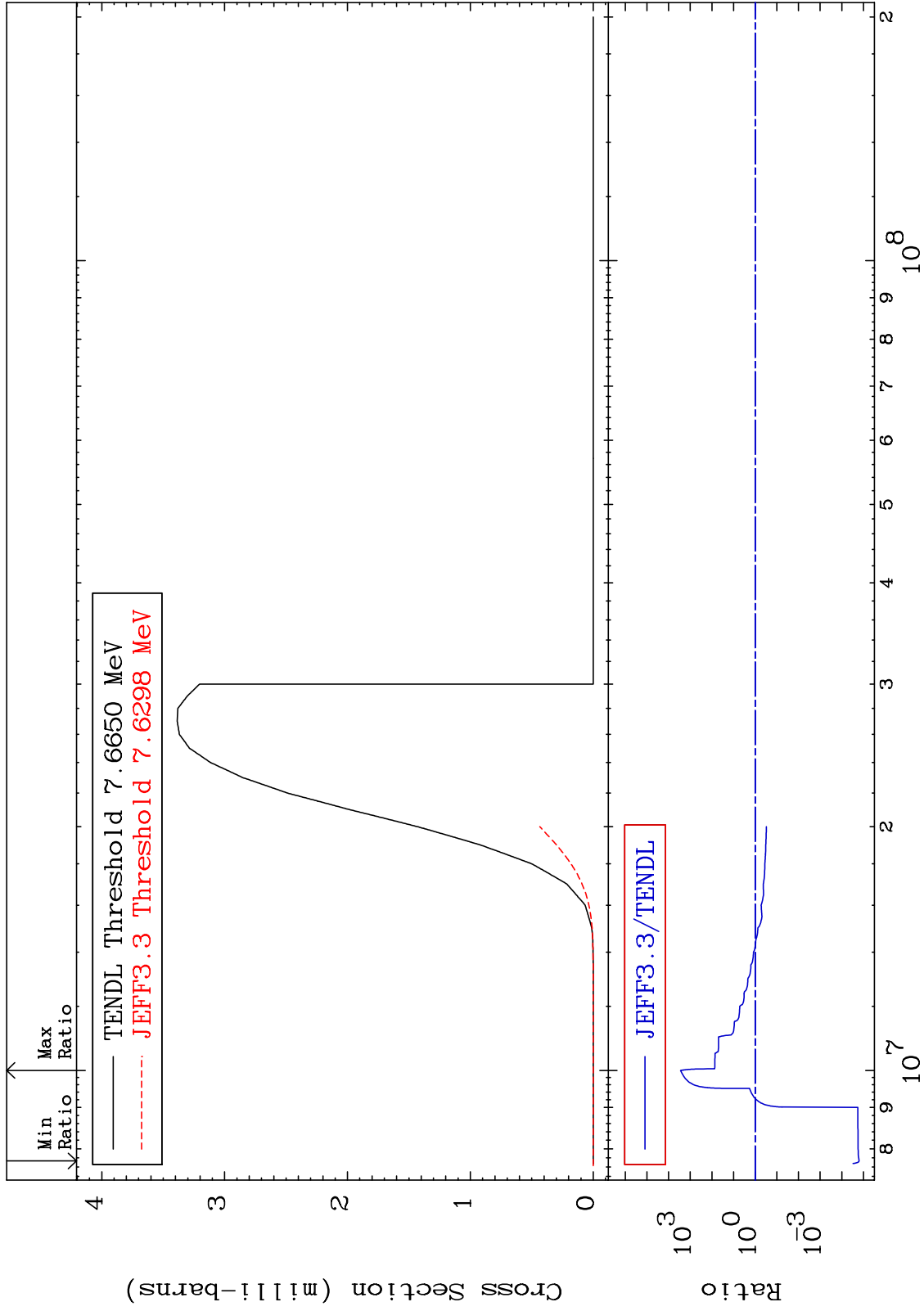
MAT 6043

(n, t)

60-Nd-148

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

60-Nd-148

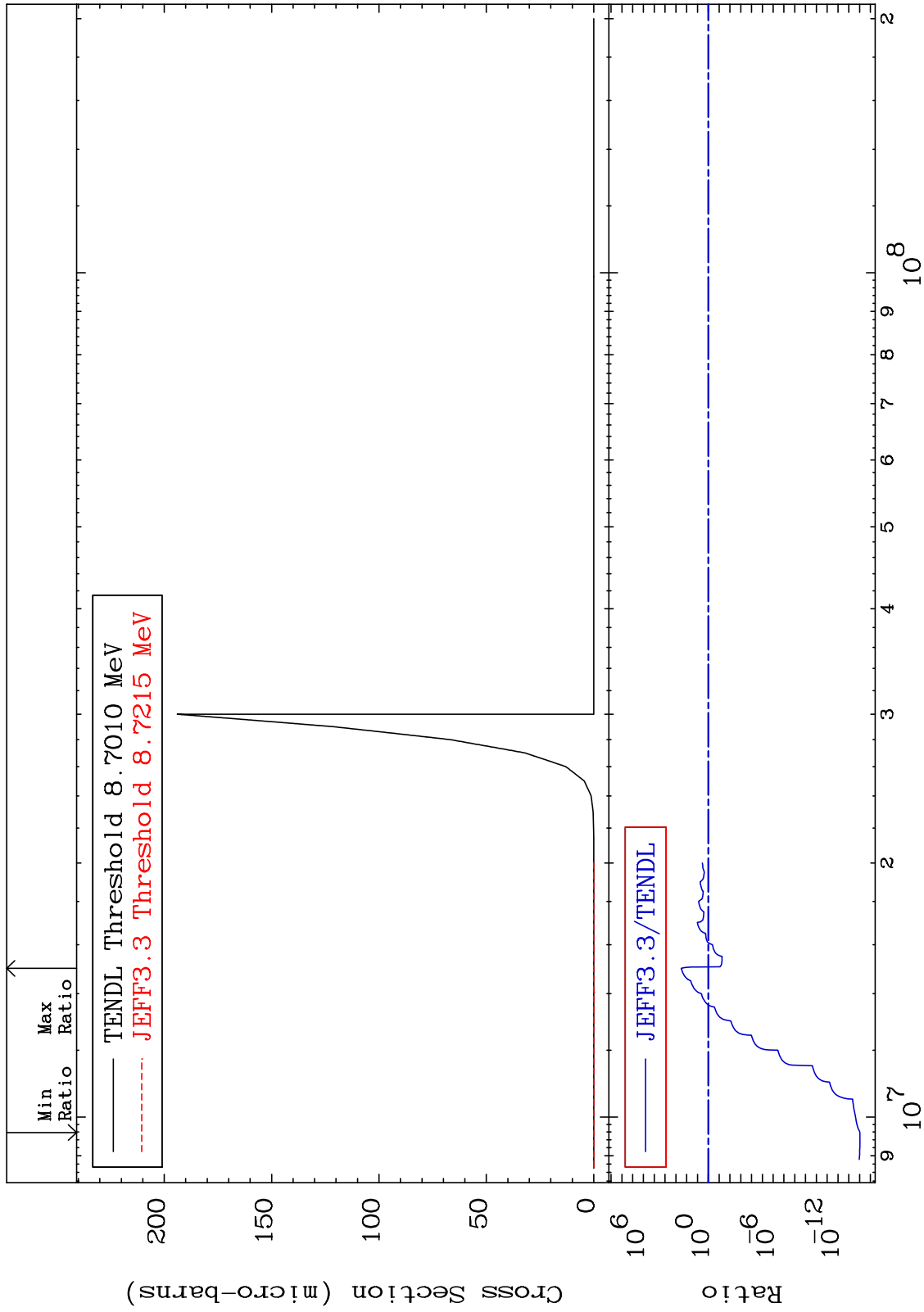
MAT 6043

(n, He-3)

60-Nd-148

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

60-Nd-148

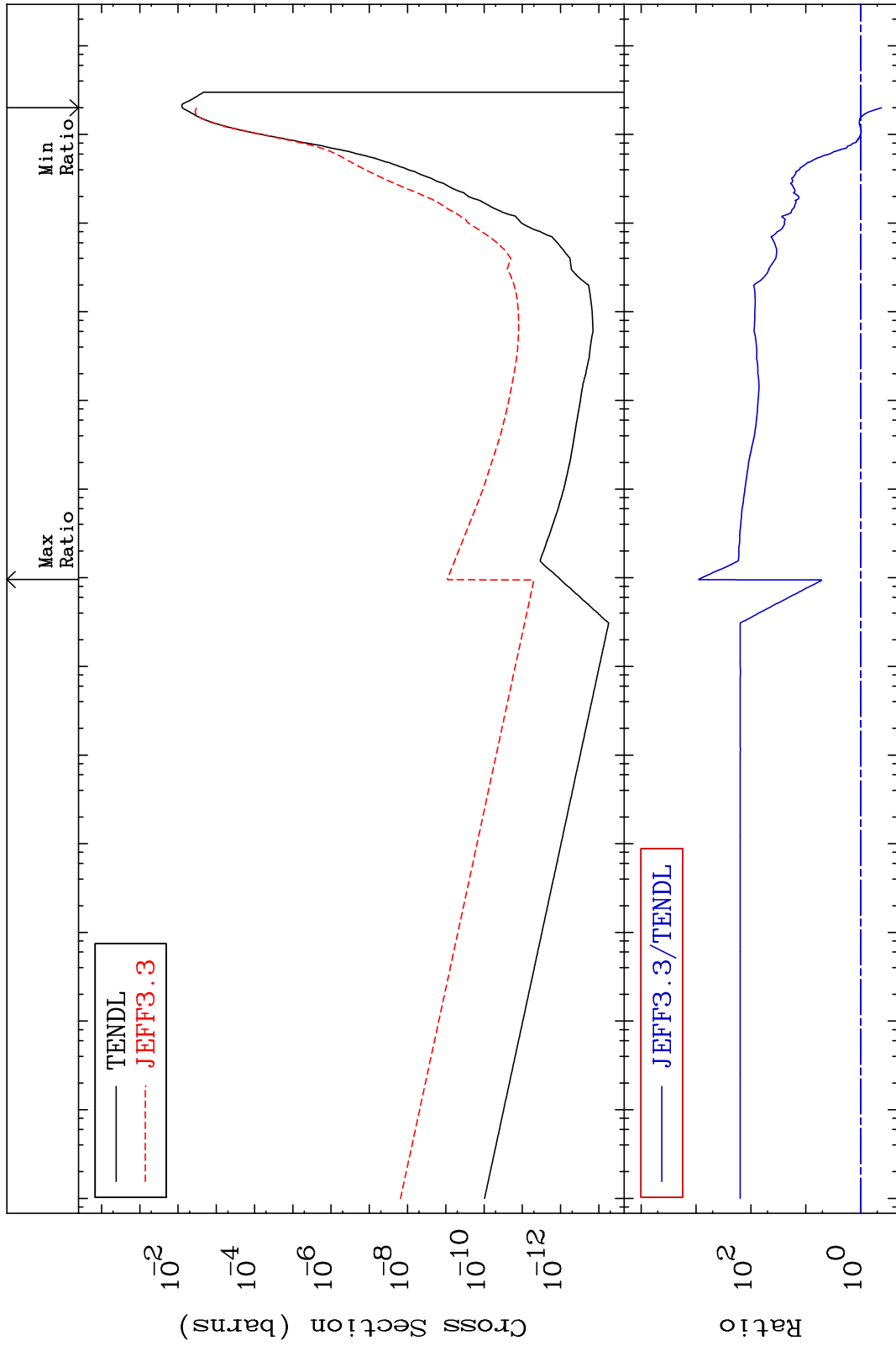
MAT 6043

(n, α)

60-Nd-148

Cross Section

-58.24 To 9999. %



Incident Energy (eV)

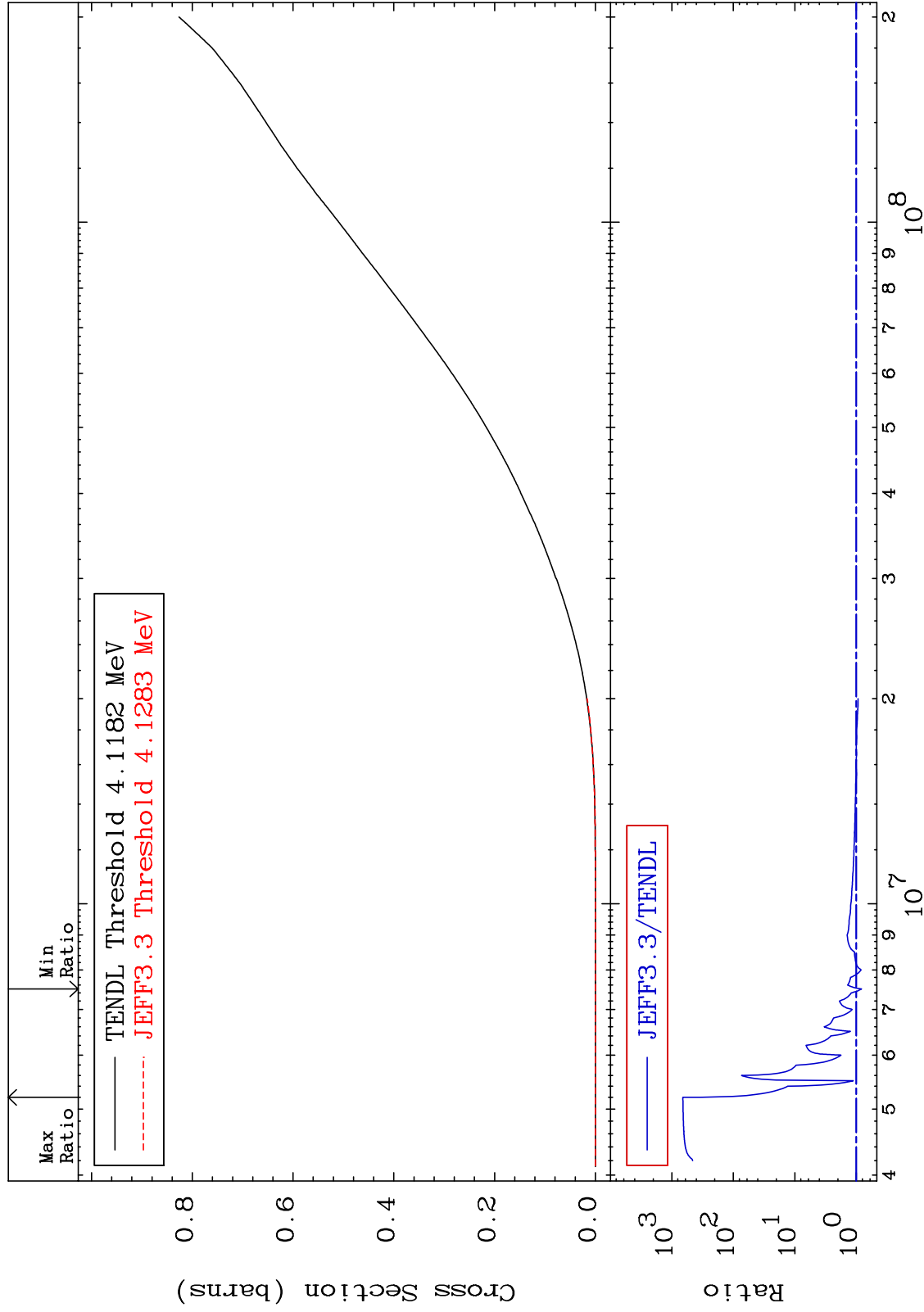
60-Nd-148

47

MAT 6043

Hydrogen Production
Cross Section

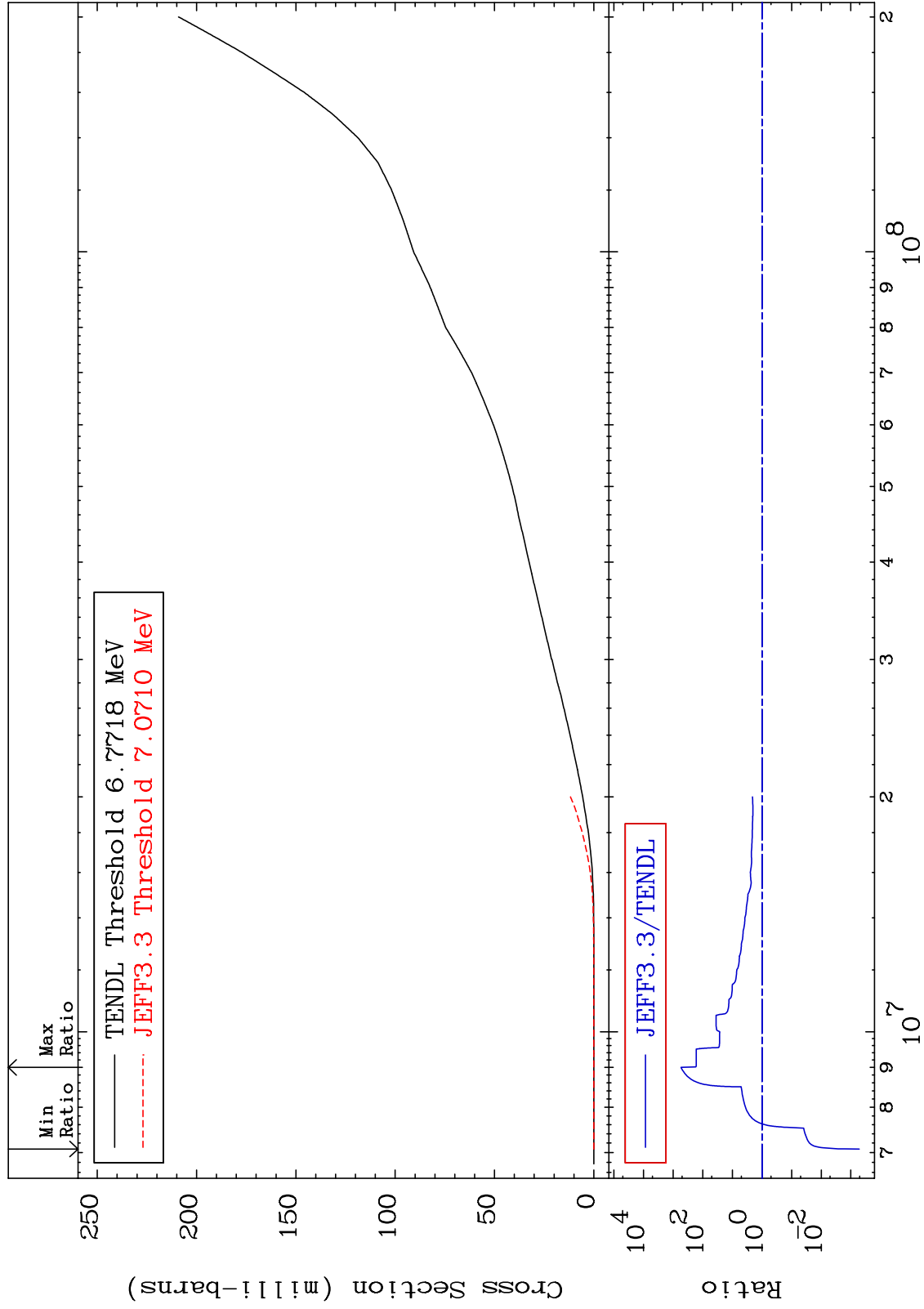
⁶⁰Nd-148
-17.64 To 9999. %



MAT 6043

Deuterium Production
Cross Section

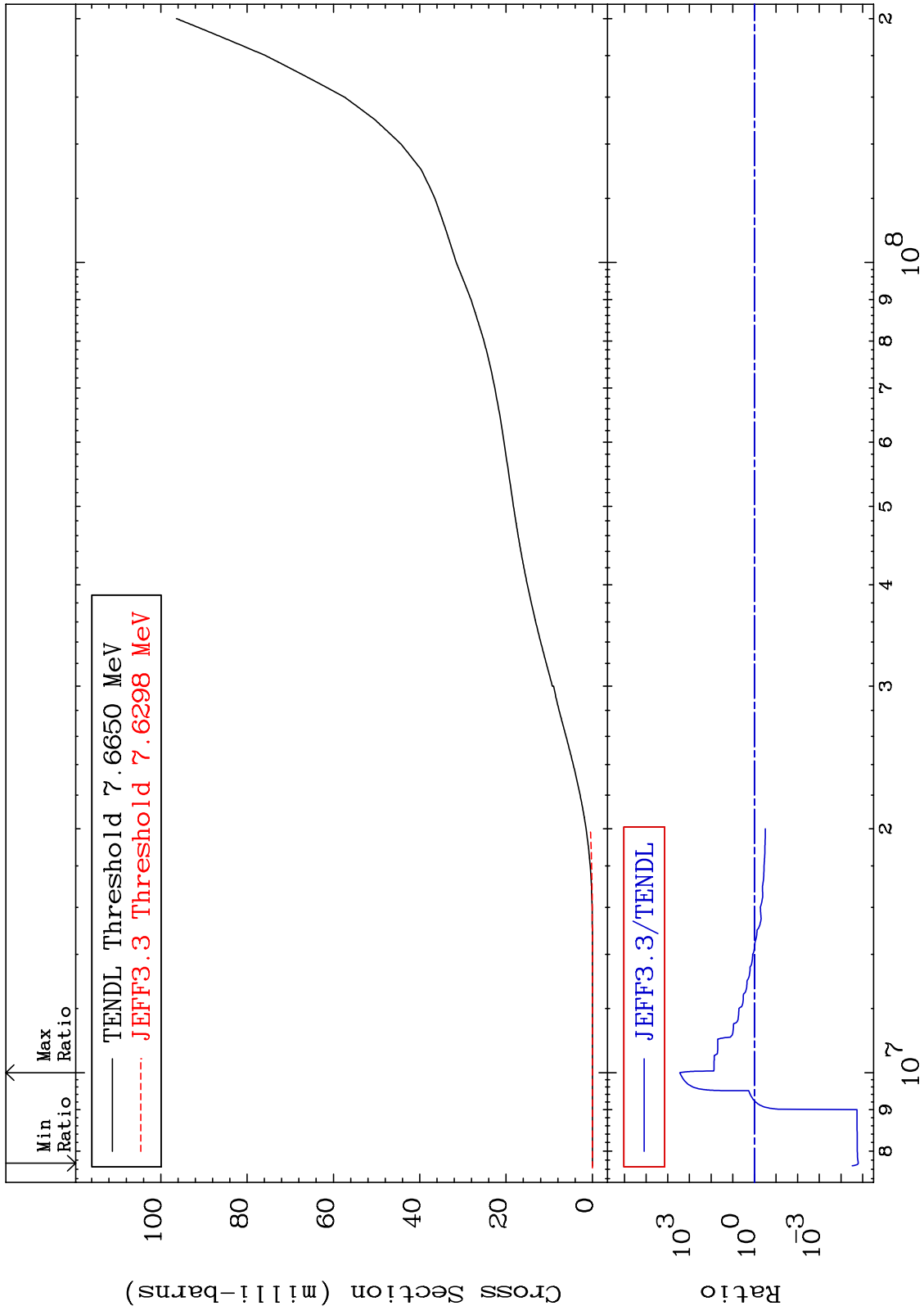
60-Nd-148
-99.95 To 9999. %



MAT 6043

Tritium Production
Cross Section

$^{60}\text{Nd-148}$
-100.0 To 9999. %



50

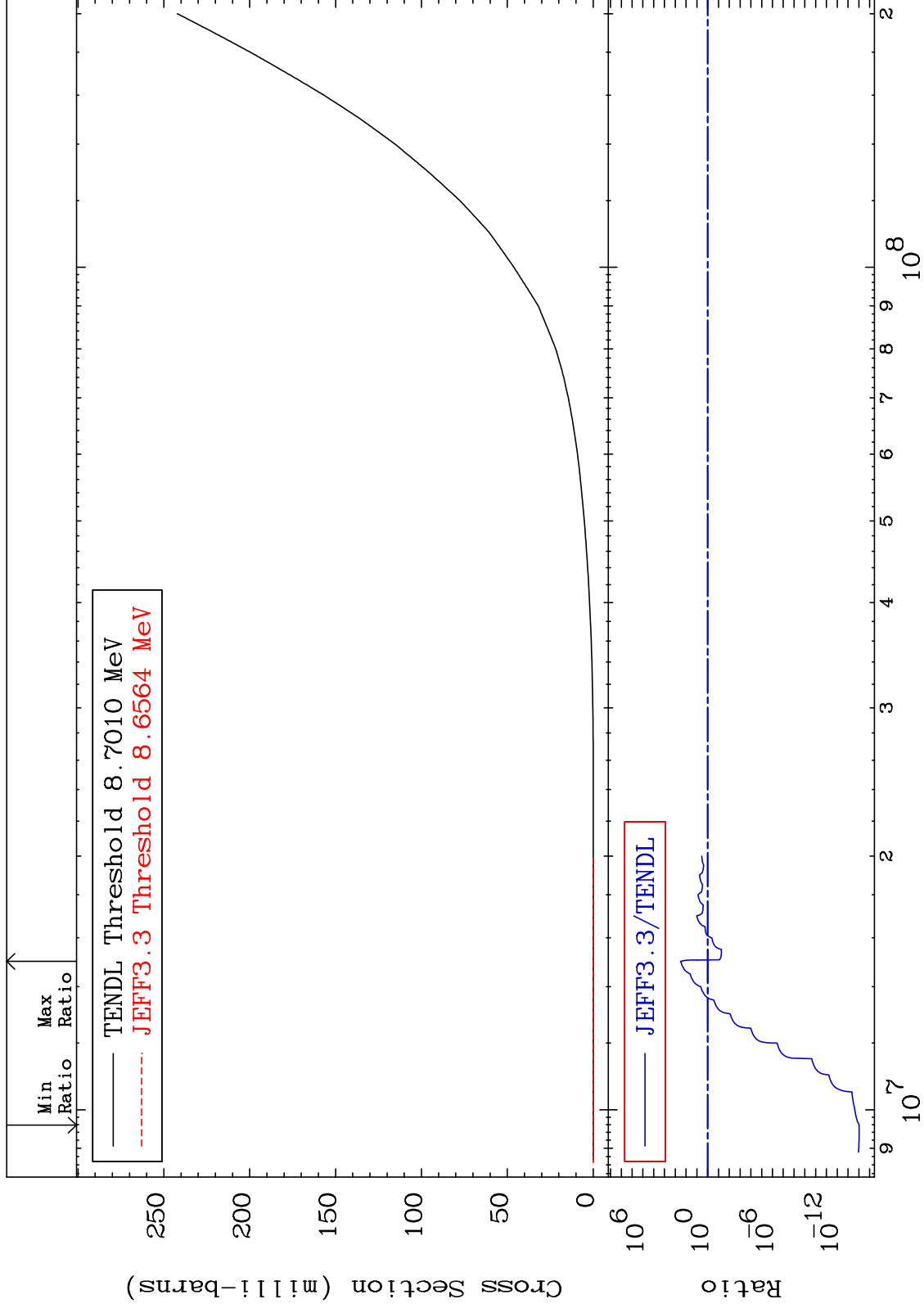
Incident Energy (eV)

$^{60}\text{Nd-148}$

MAT 6043

He-3 Production
Cross Section

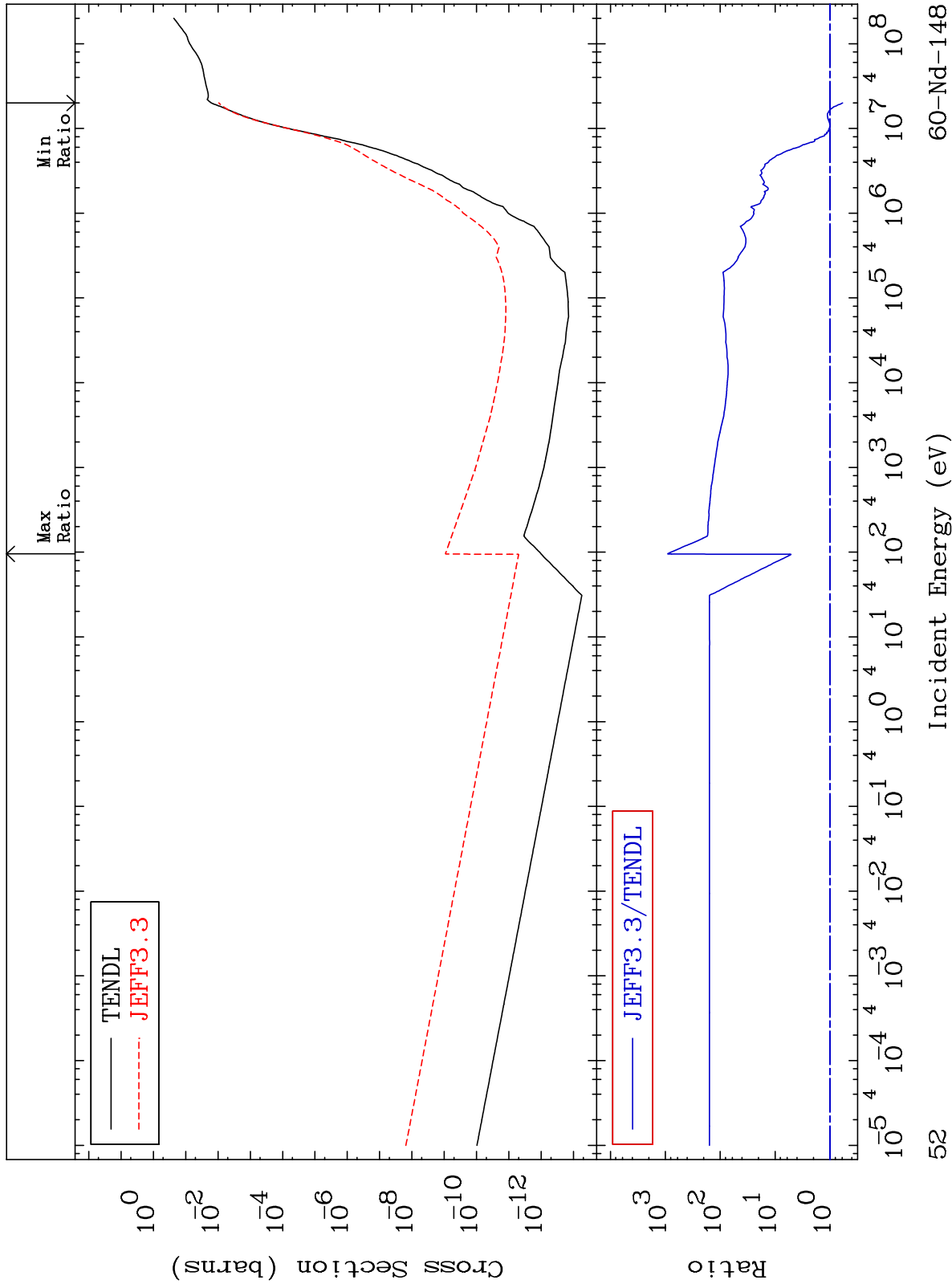
60-Nd-148
-100.0 To 9999. %



MAT 6043

He-4 Production
Cross Section

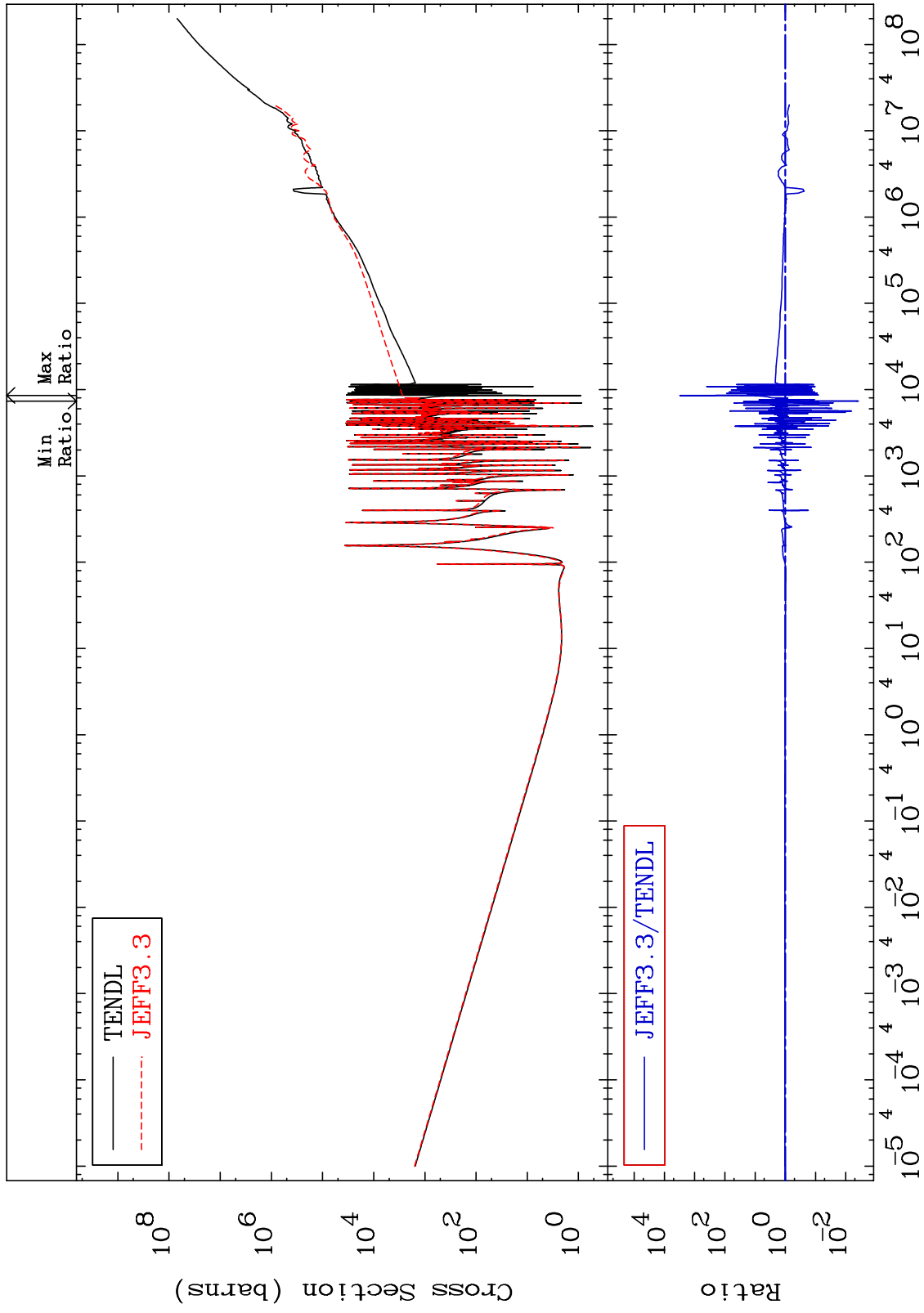
60-Nd-148
-41.31 To 9999. %



MAT 6043

Kerma total (eV-barns)
Cross Section

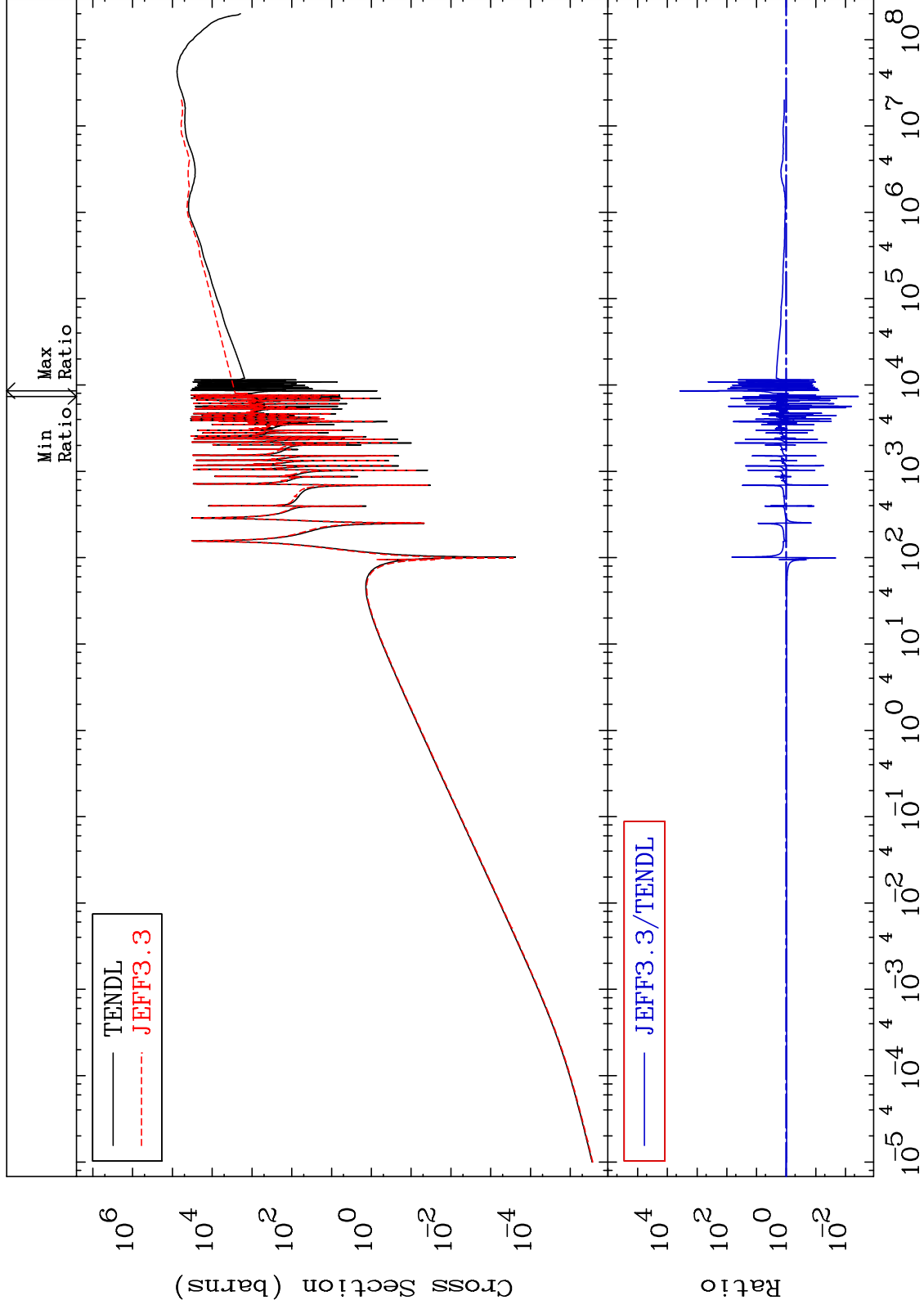
60-Nd-148
-99.62 To 9999. %



MAT 6043

Kerma elastic
Cross Section

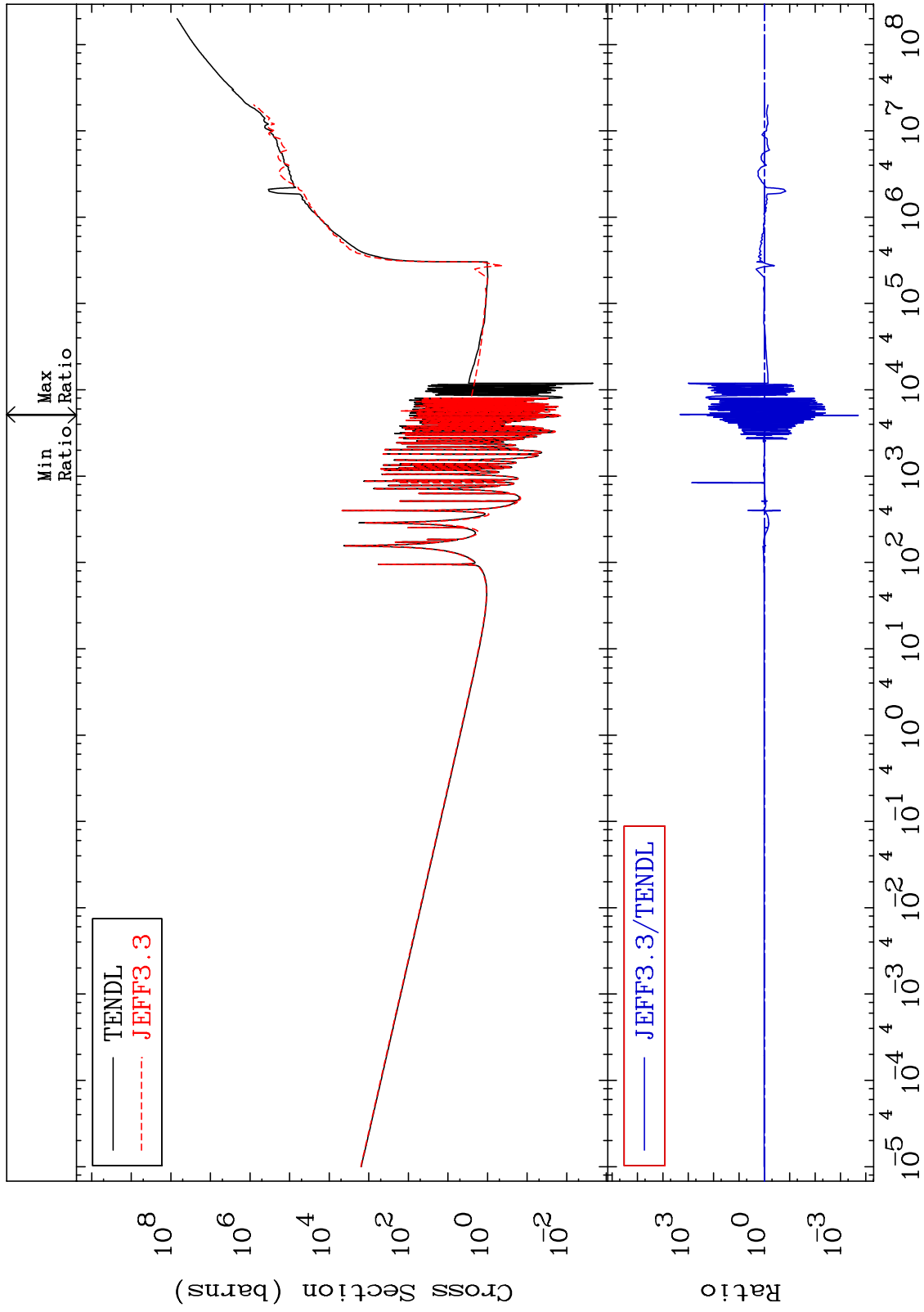
60-Nd-148
-99.63 To 9999. %



MAT 6043

Kerma non-elastic (all but mt2)
Cross Section

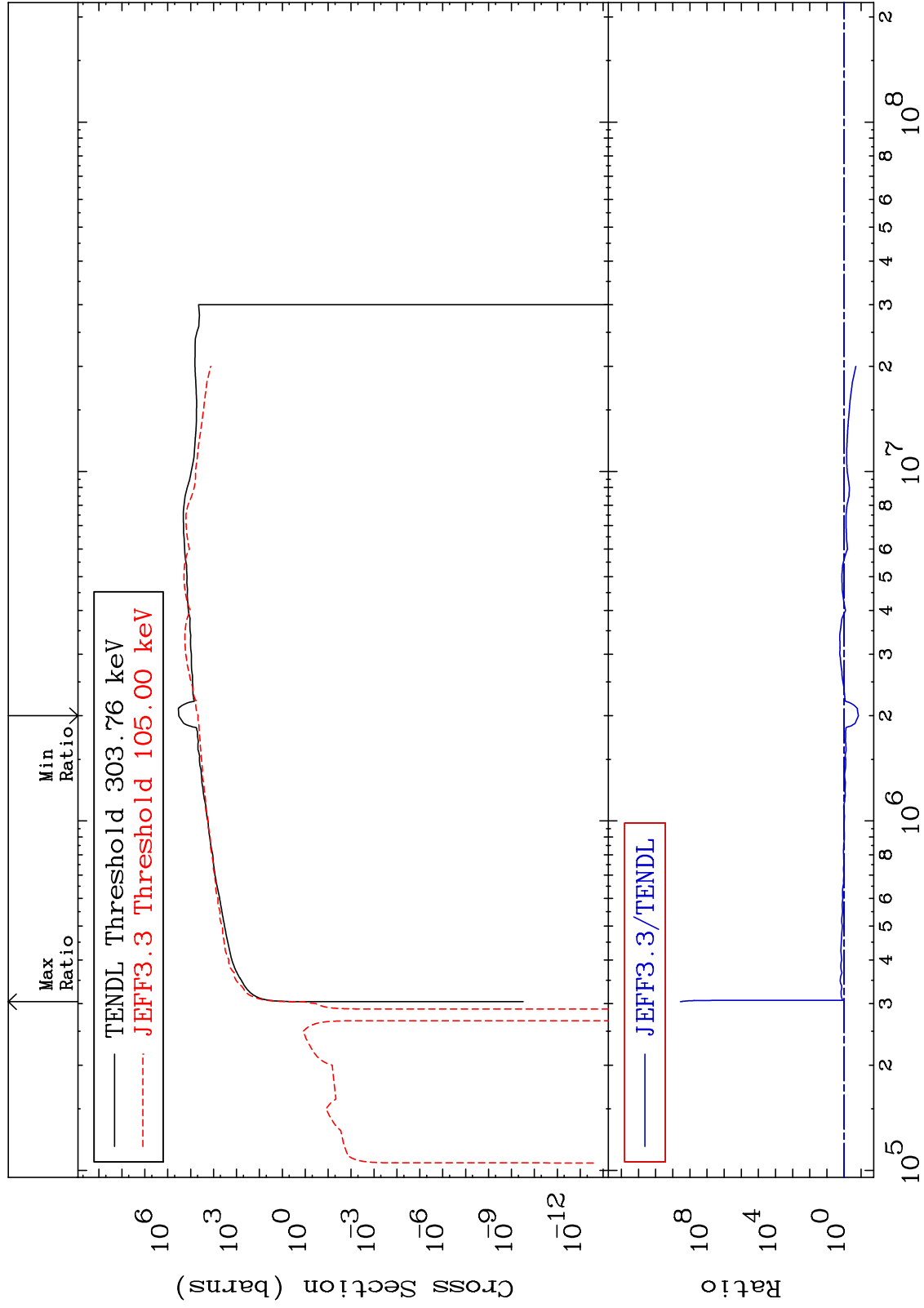
60-Nd-148
-99.98 To 9999. %



MAT 6043

Kerma inelastic (mt51-91)
Cross Section

60-Nd-148
-85.68 To 9999. %



56

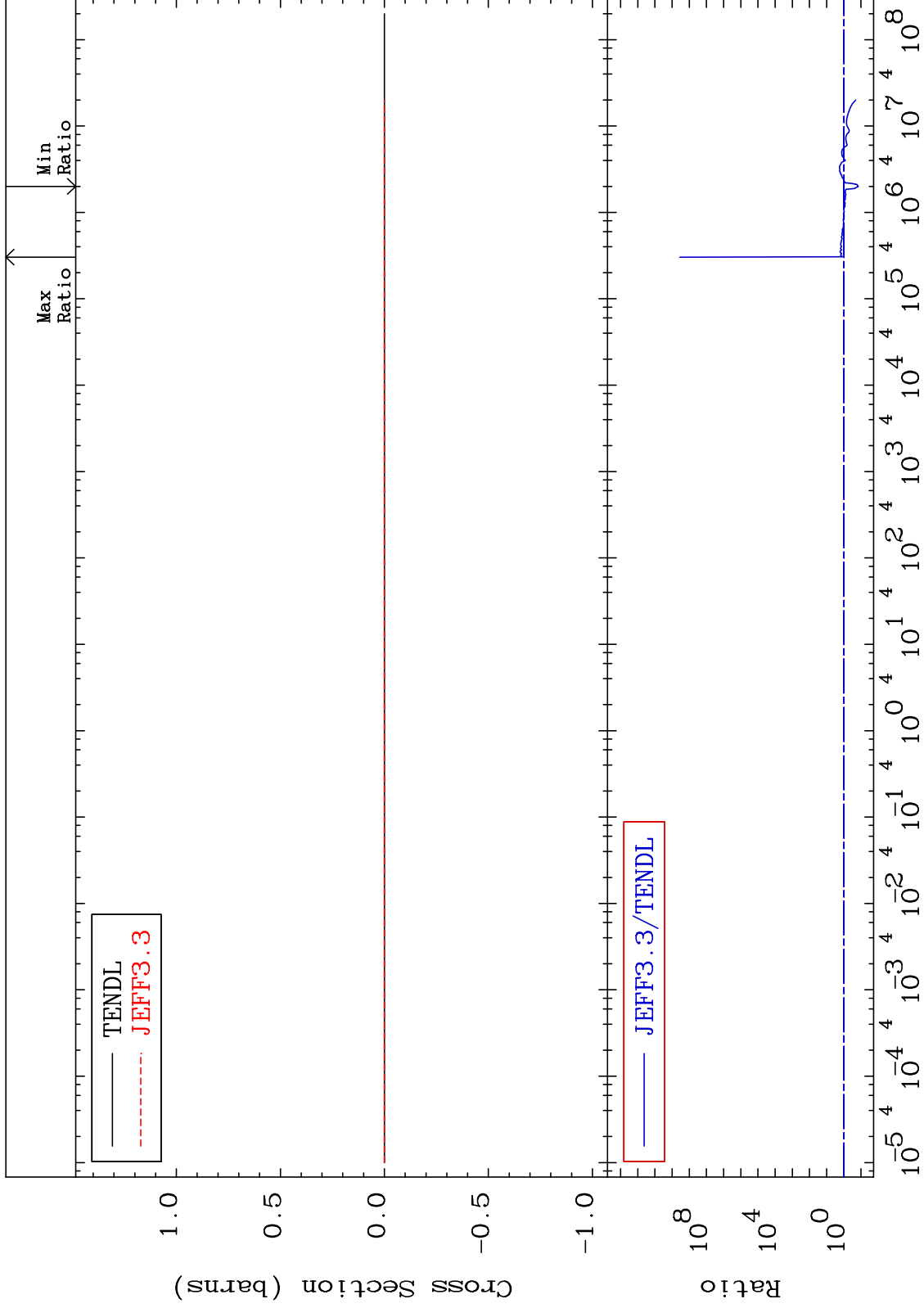
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-85.68 To 9999. %



57

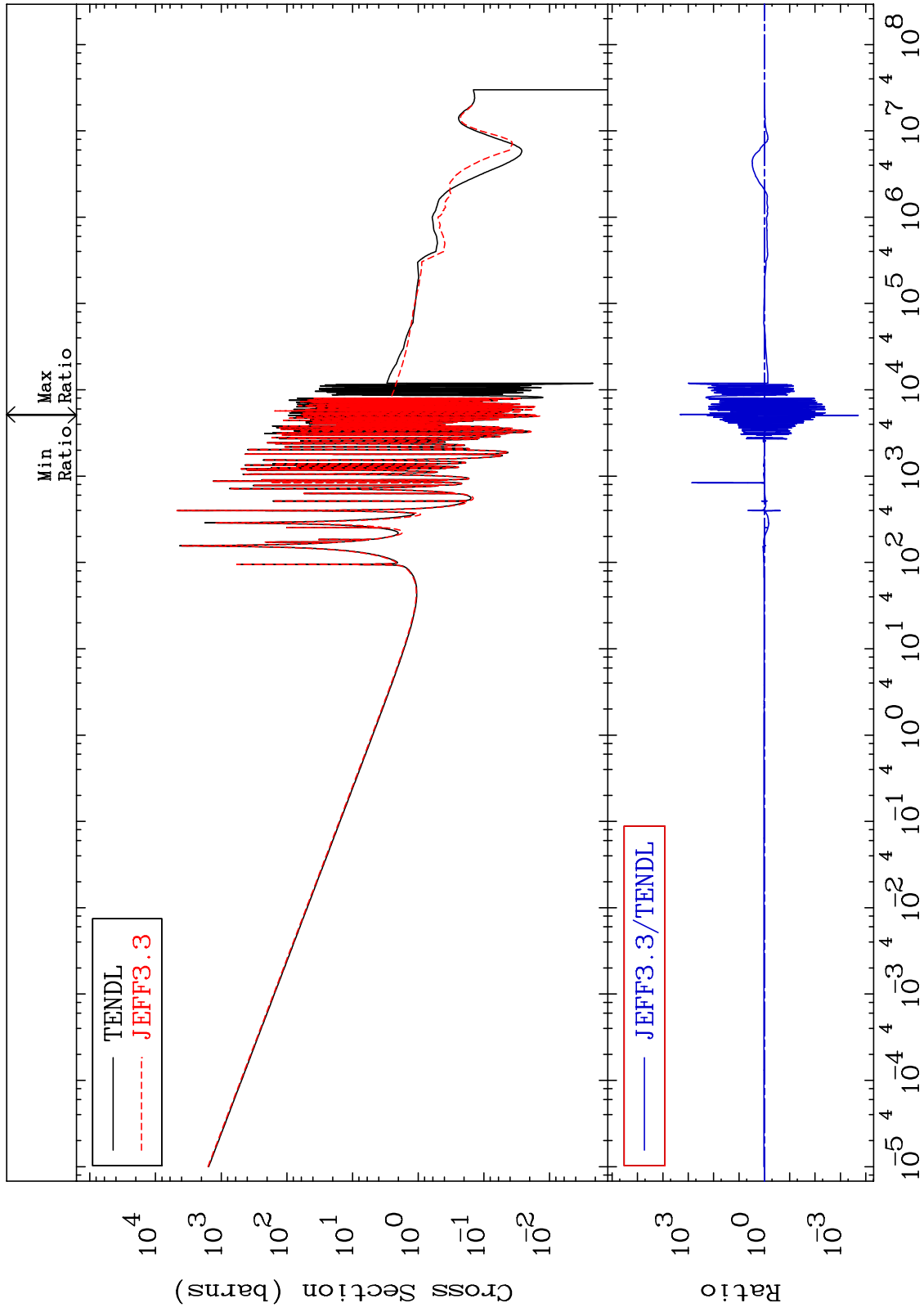
Incident Energy (eV)

60-Nd-148

MAT 6043

Kerma capture (mt102)
Cross Section

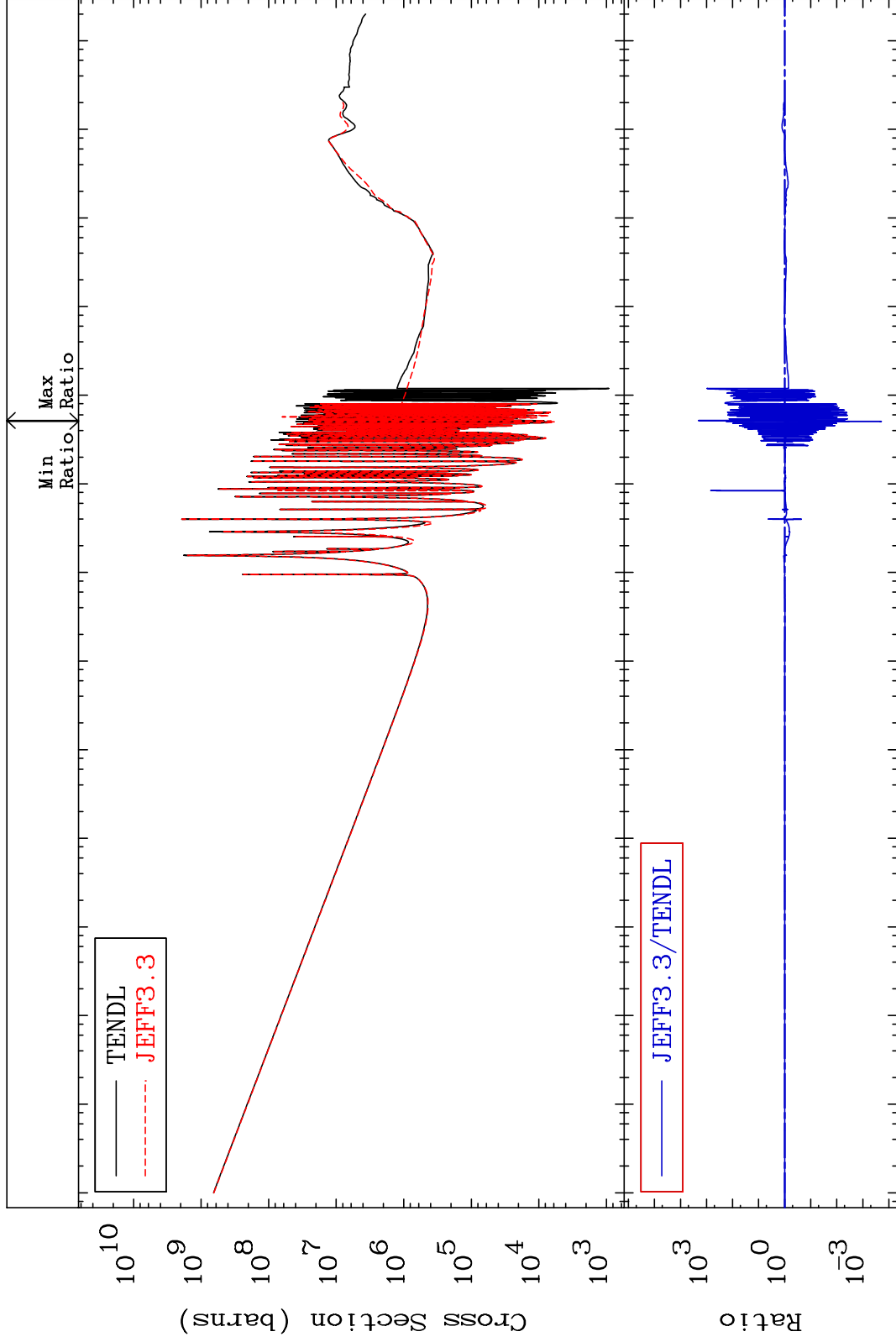
60-Nd-148
-99.98 To 9999. %



MAT 6043

Total photon (eV-barns)
Cross Section

60-Nd-148
-99.98 To 9999. %



59

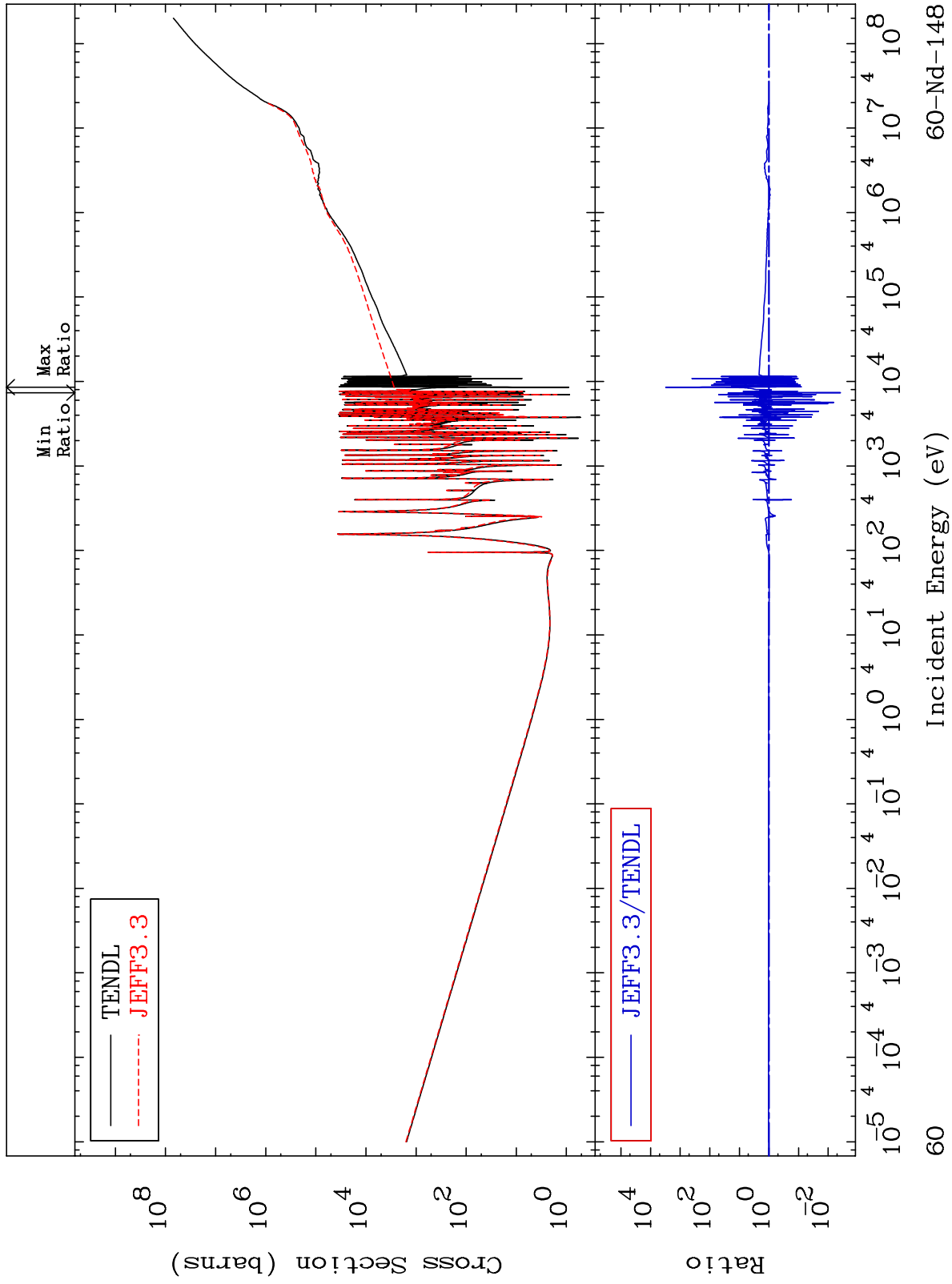
Incident Energy (eV)

60-Nd-148

MAT 6043

Total kinematic kerma (high limit)
Cross Section

60-Nd-148
-99.62 To 9999. %



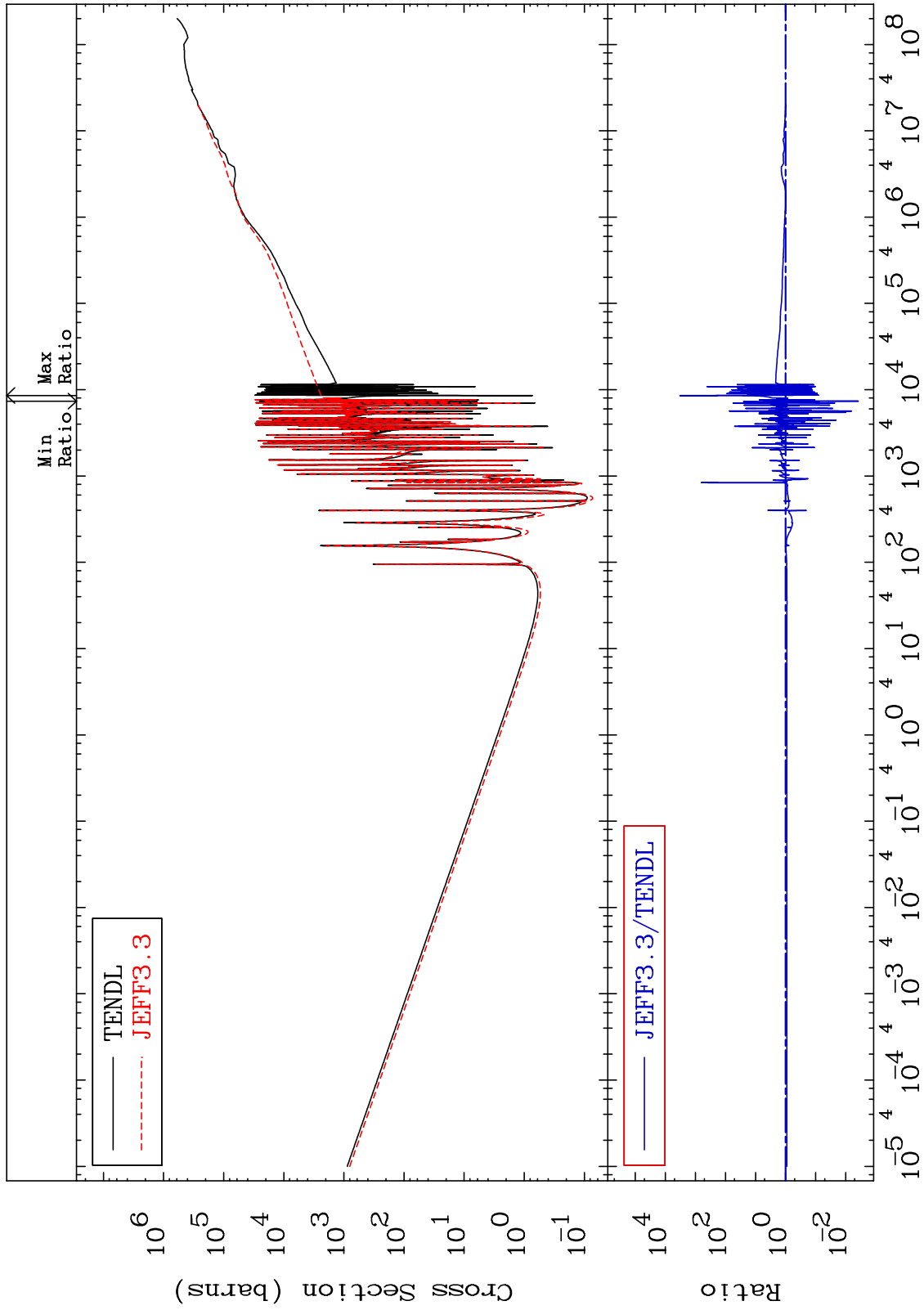
60

60-Nd-148

MAT 6043

Dpa total (eV-barns)
Cross Section

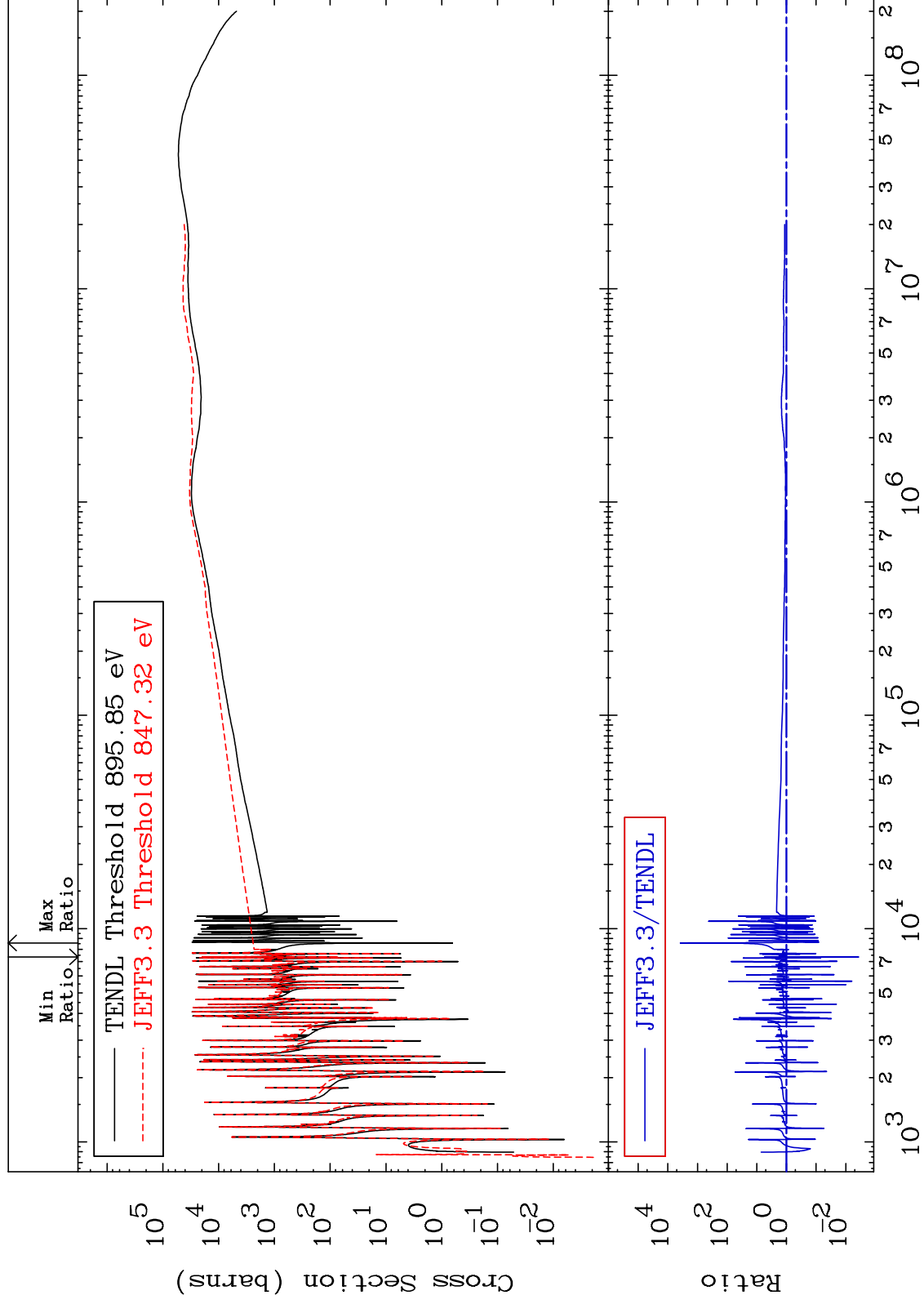
60-Nd-148
-99.62 To 9999. %



MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-99.63 To 9999. %



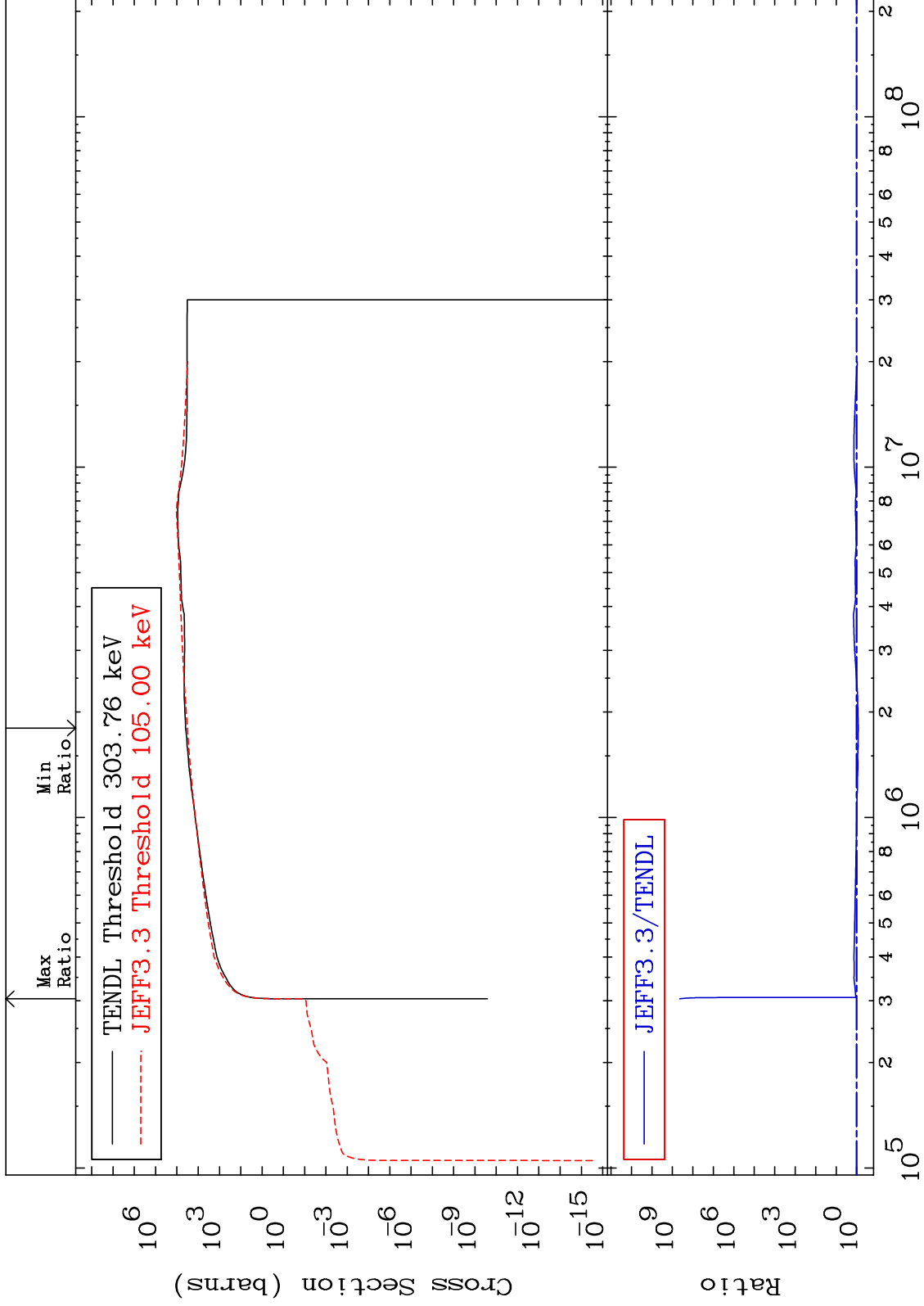
62

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
-17.56 To 9999. %



63

Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-148
-99.98 To 9999. %

