

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

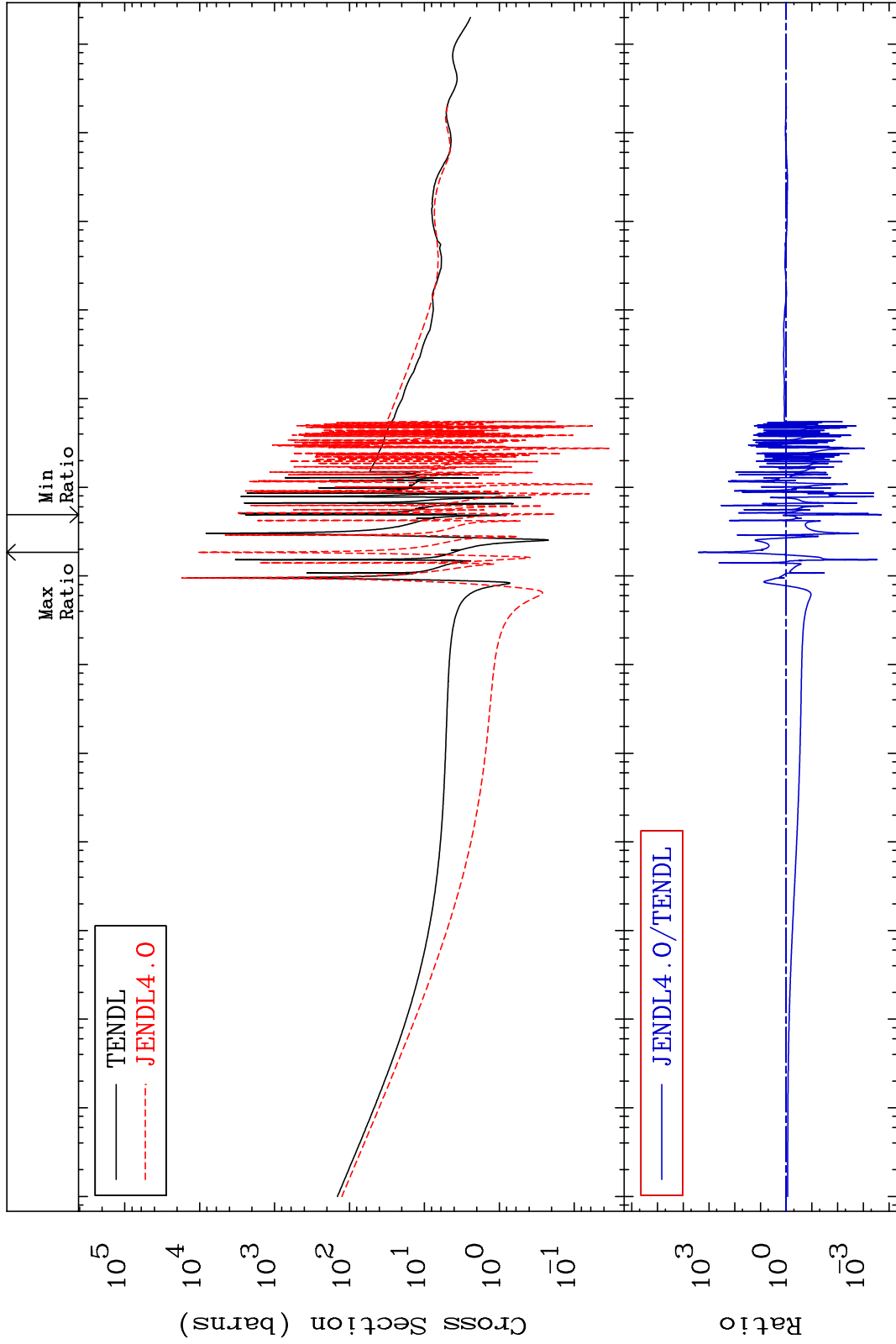
MAT 6237

Total

62-Sm-148

Cross Section

-99.98 To 9999. %



Incident Energy (eV) 62-Sm-148

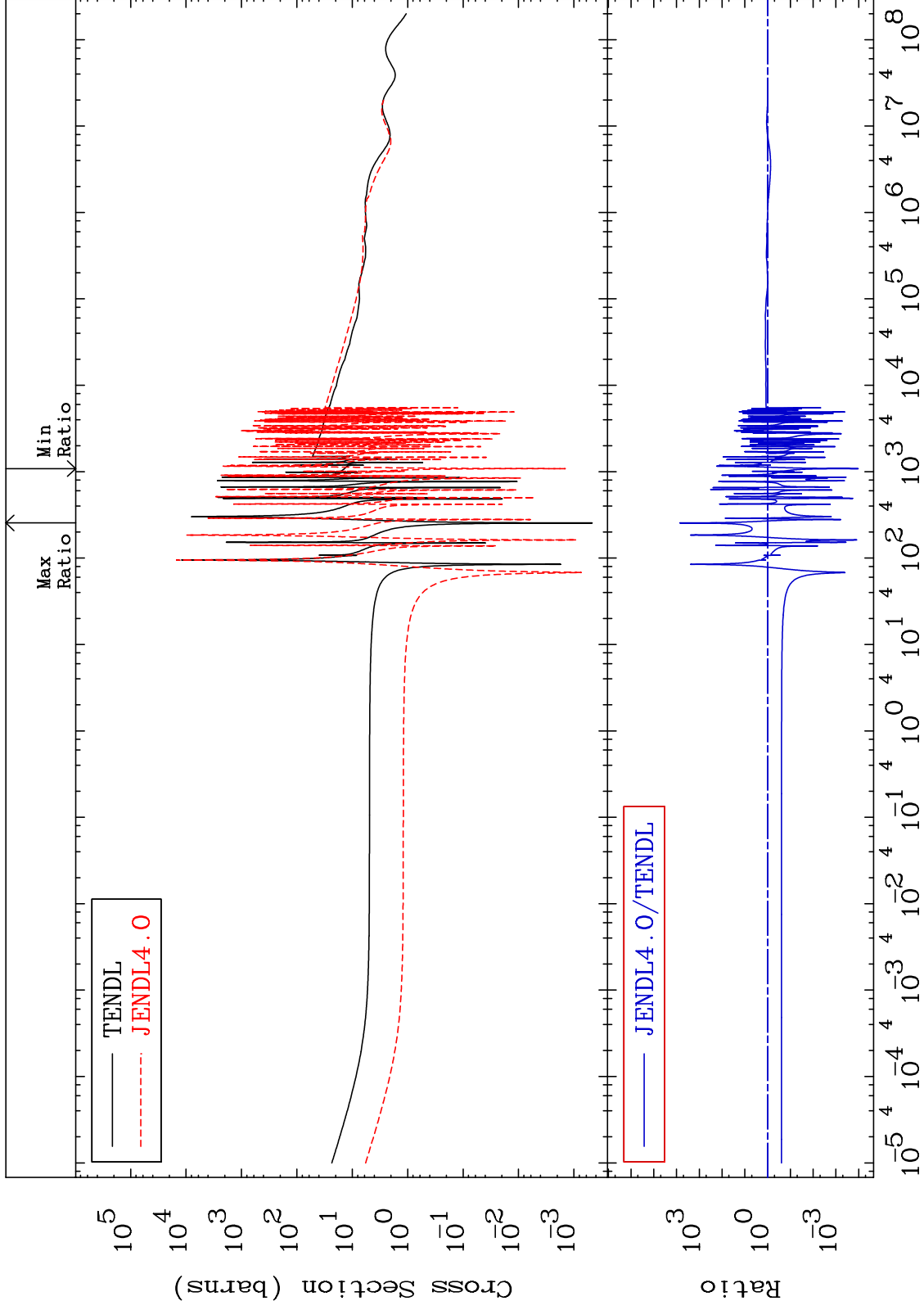
MAT 6237

Elastic

62-Sm-148

Cross Section

-99.99 To 9999. %

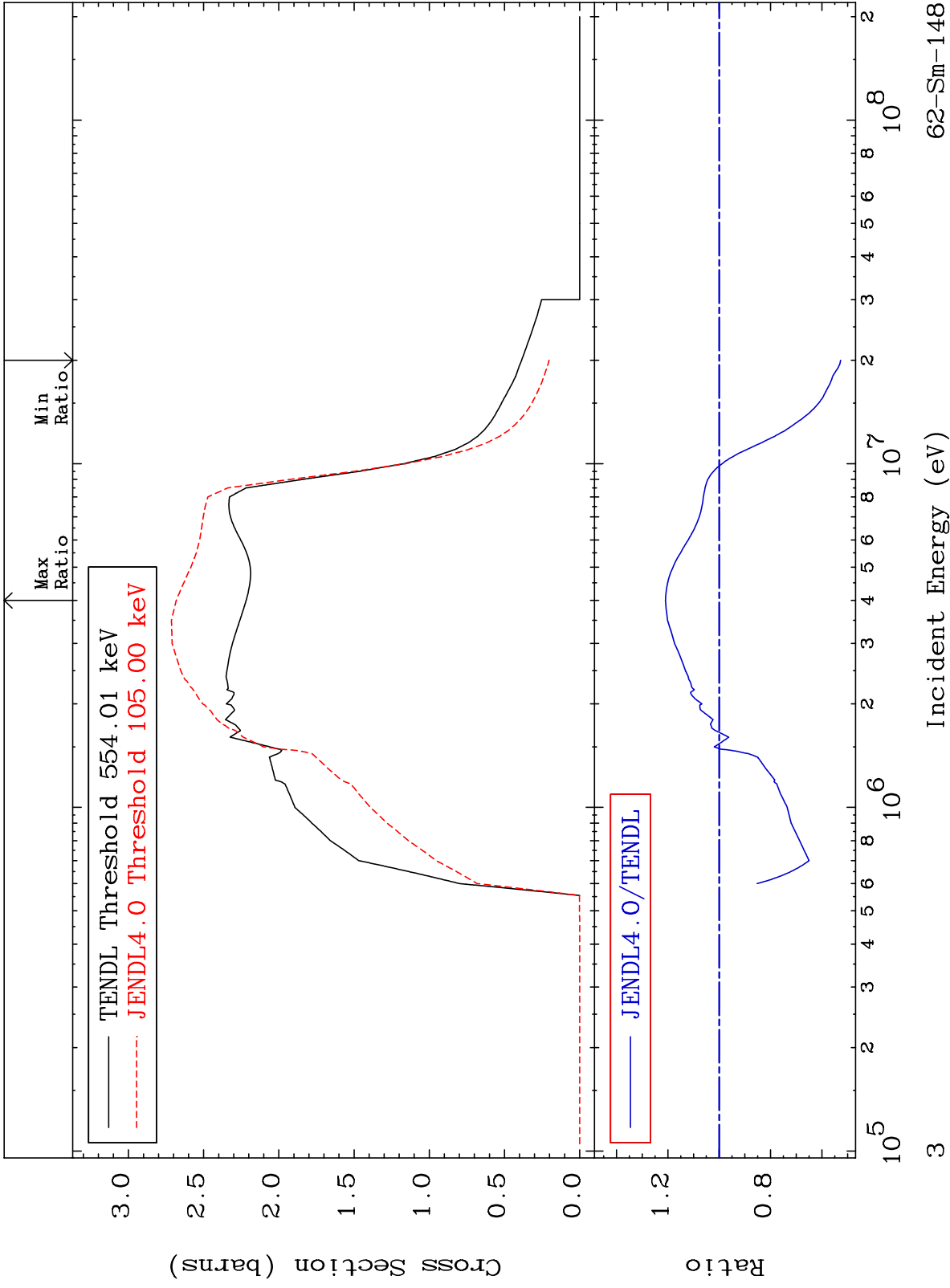


MAT 6237

62-Sm-148

-47.28 To 20.95 %

Inelastic
Cross Section



Incident Energy (eV)

62-Sm-148

3

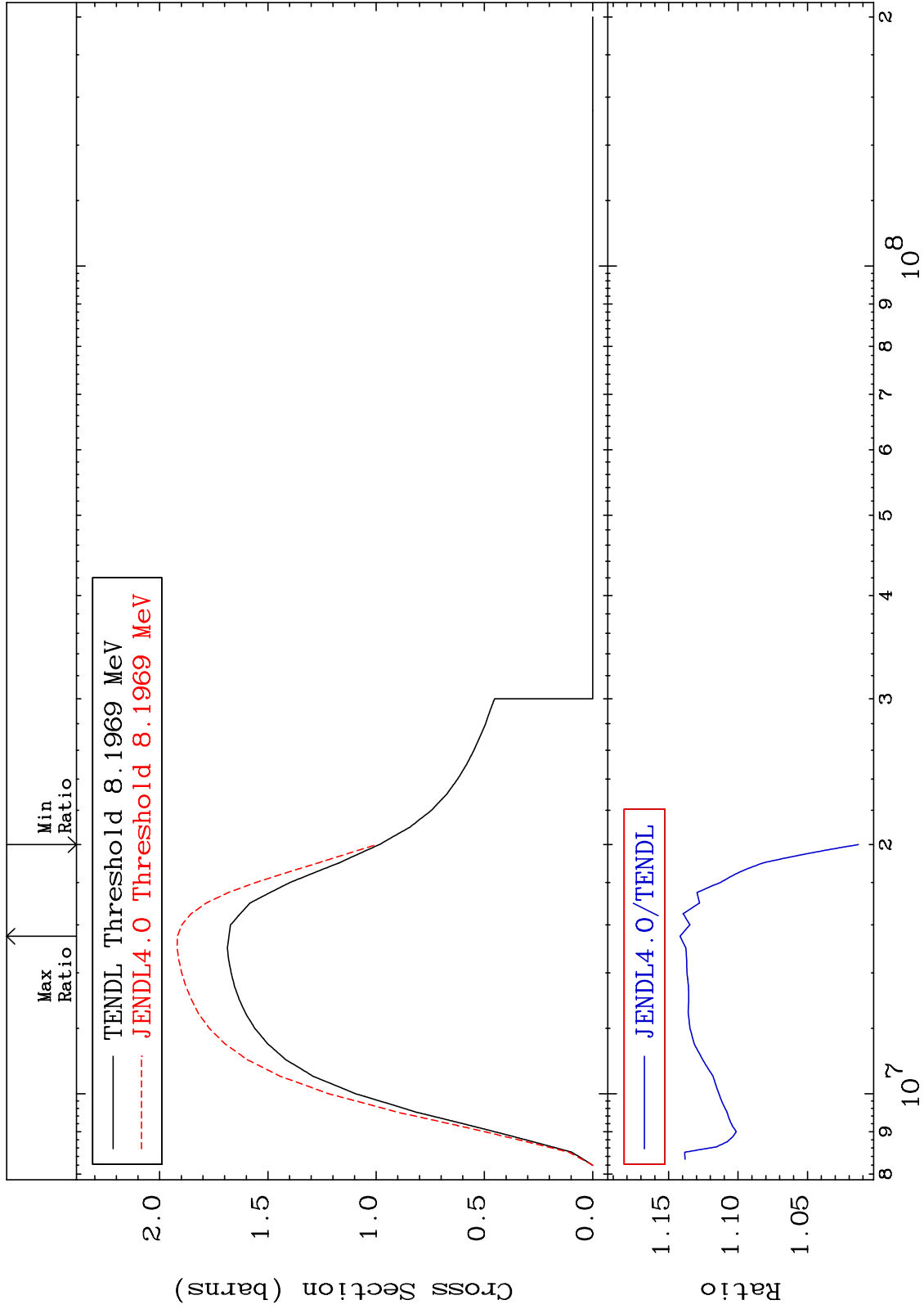
MAT 6237

(n, 2n)

62-Sm-148

Cross Section

1.331 To 14.18 %



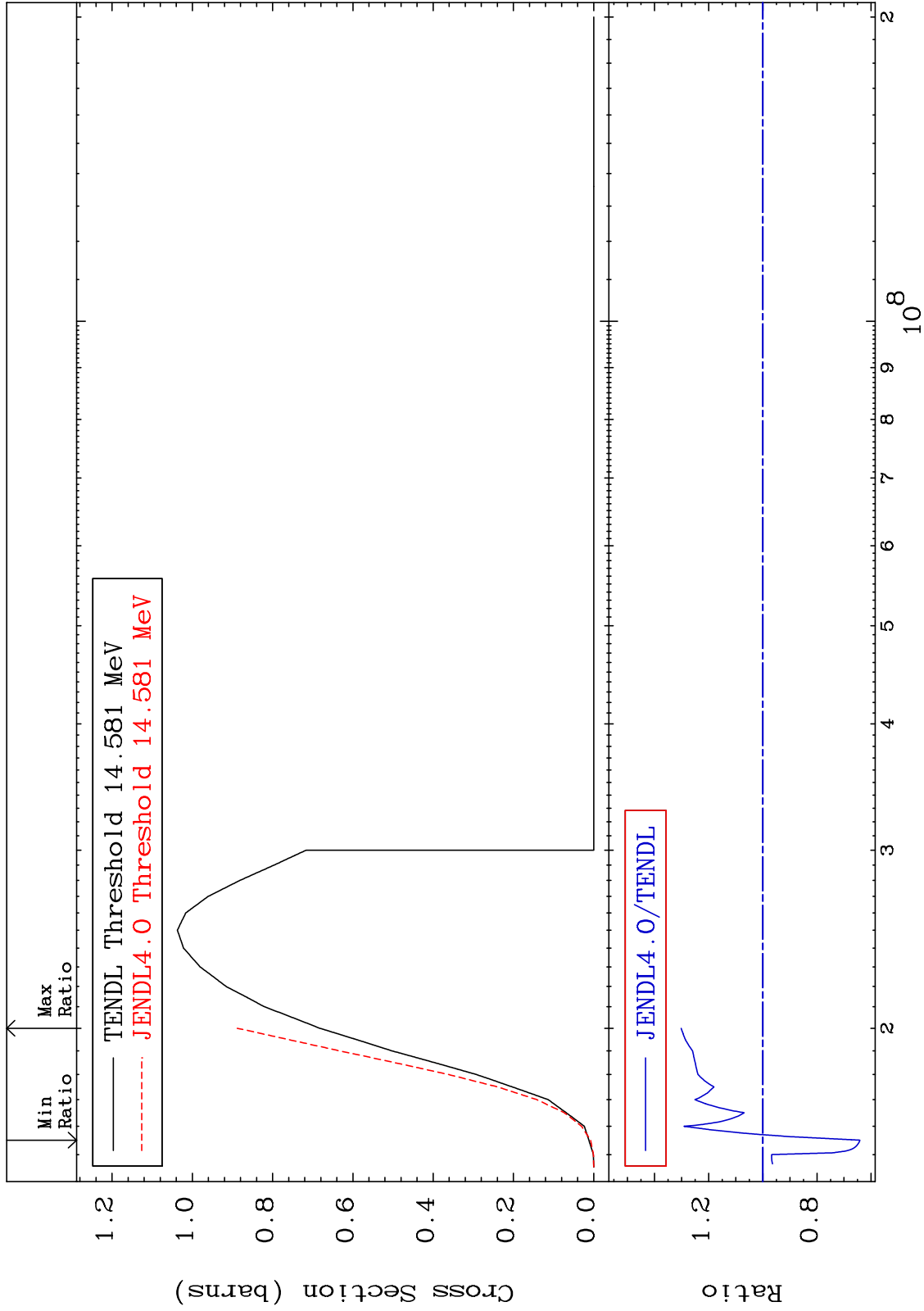
4

Incident Energy (eV)

62-Sm-148

Cross Section

-35.87 To 30.11 %



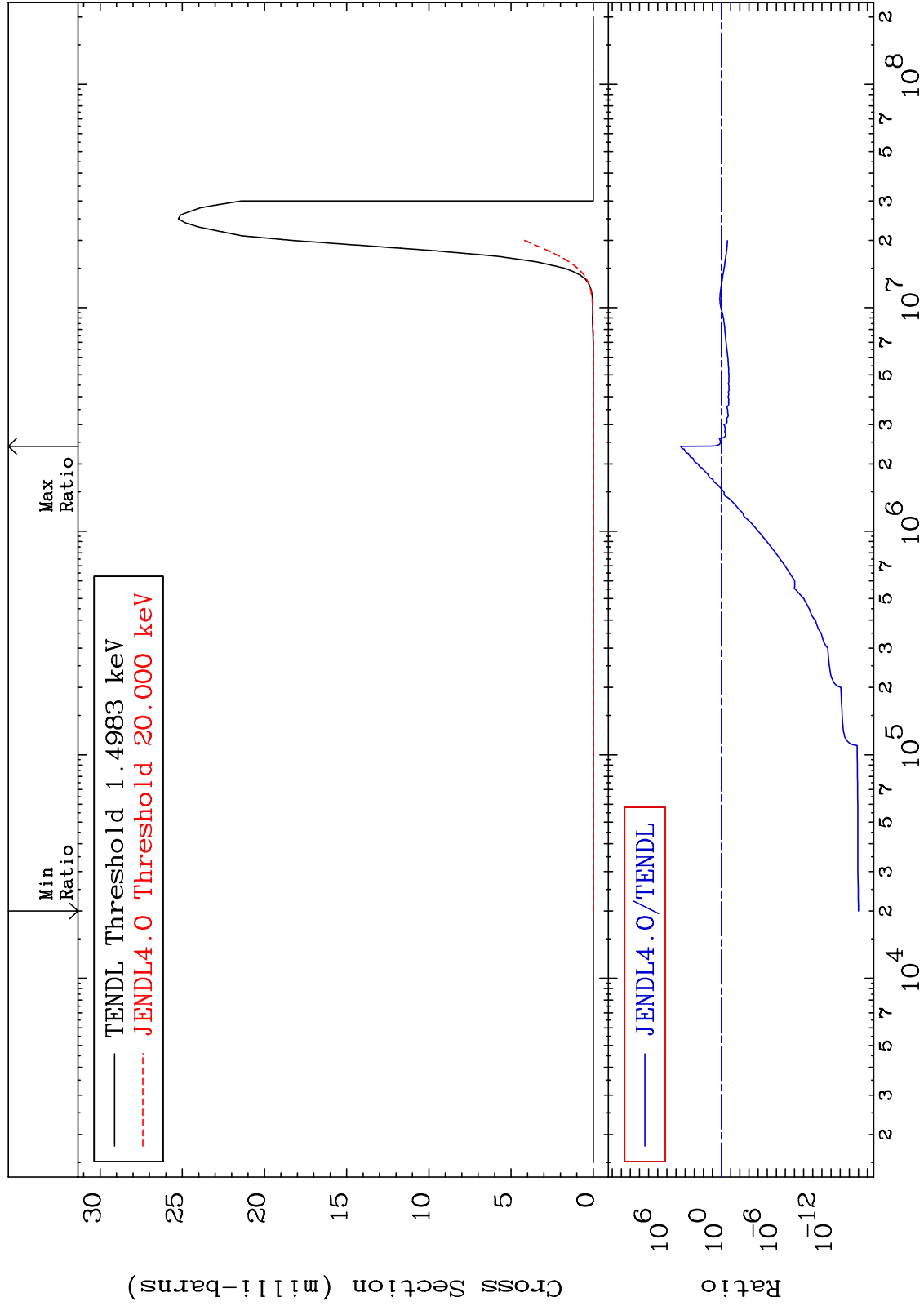
MAT 6237

(n,n') α

62-Sm-148

-100.0 To 9999. %

Cross Section



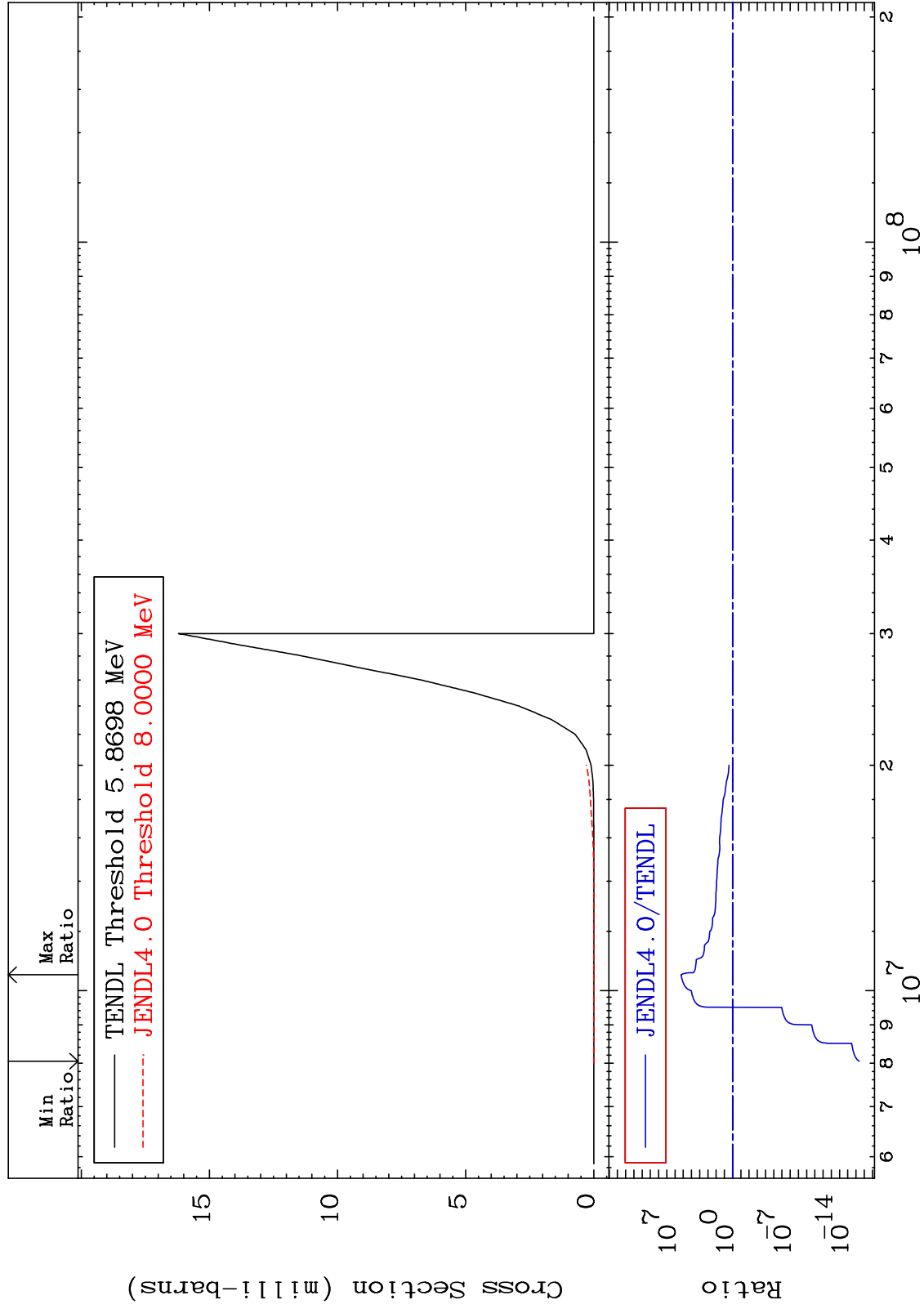
MAT 6237

(n,2n) α

62-Sm-148

-100.0 To 9999. %

Cross Section



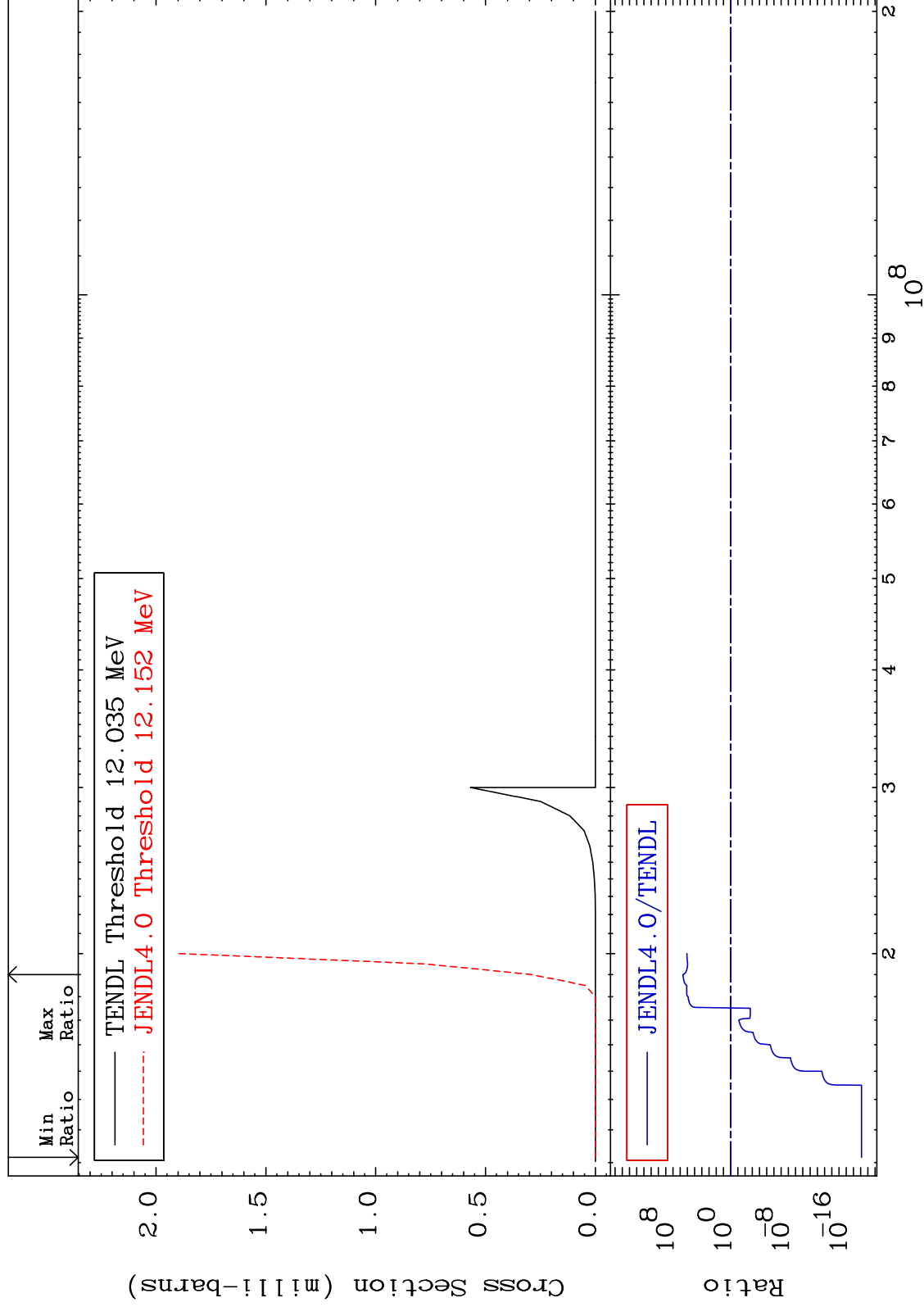
MAT 6237

(n,3n) α

62-Sm-148

Cross Section

-100.0 To 9999. %



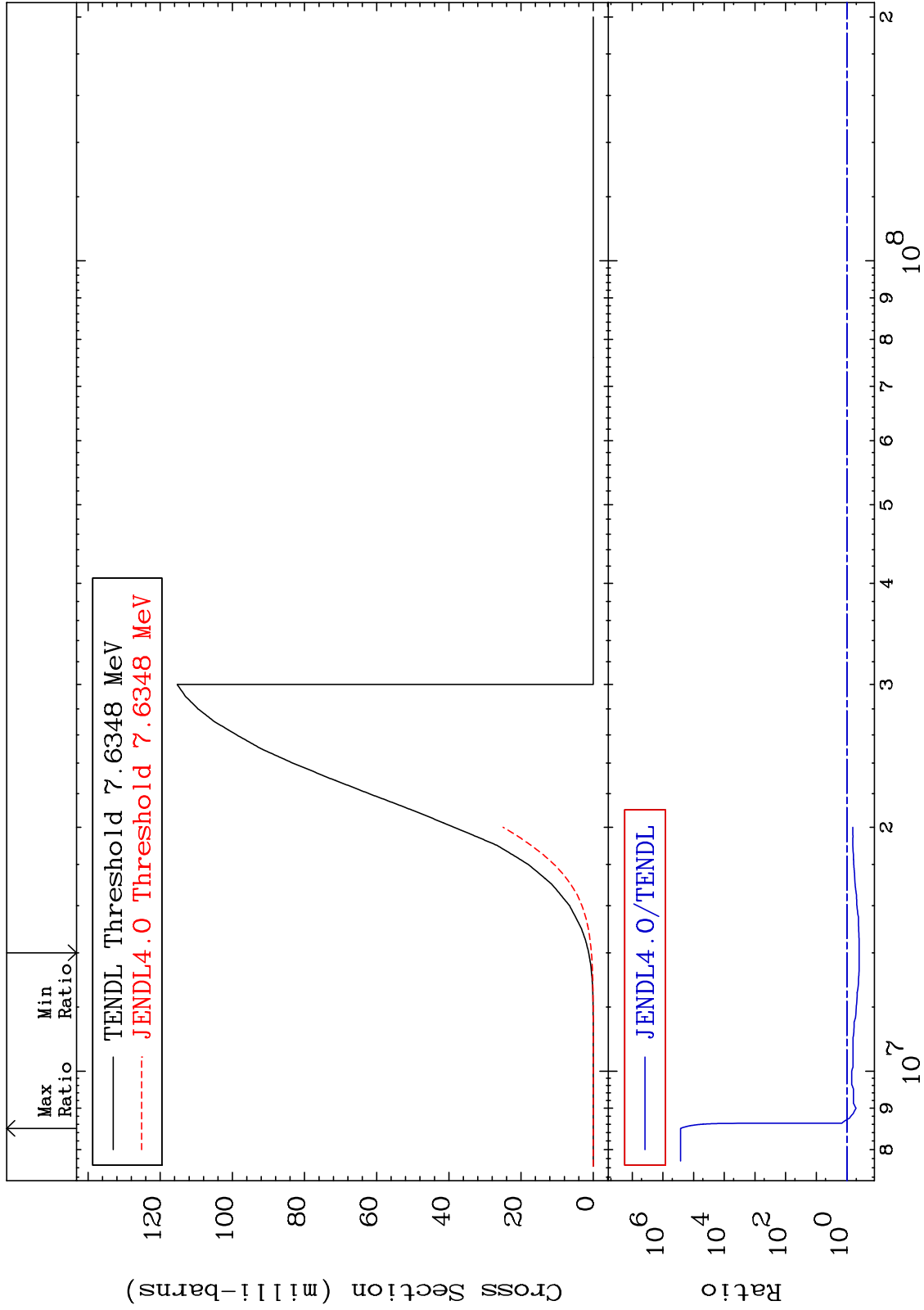
MAT 6237

(n,n') p

62-Sm-148

Cross Section

-59.99 To 9999. %



9

Incident Energy (eV)

62-Sm-148

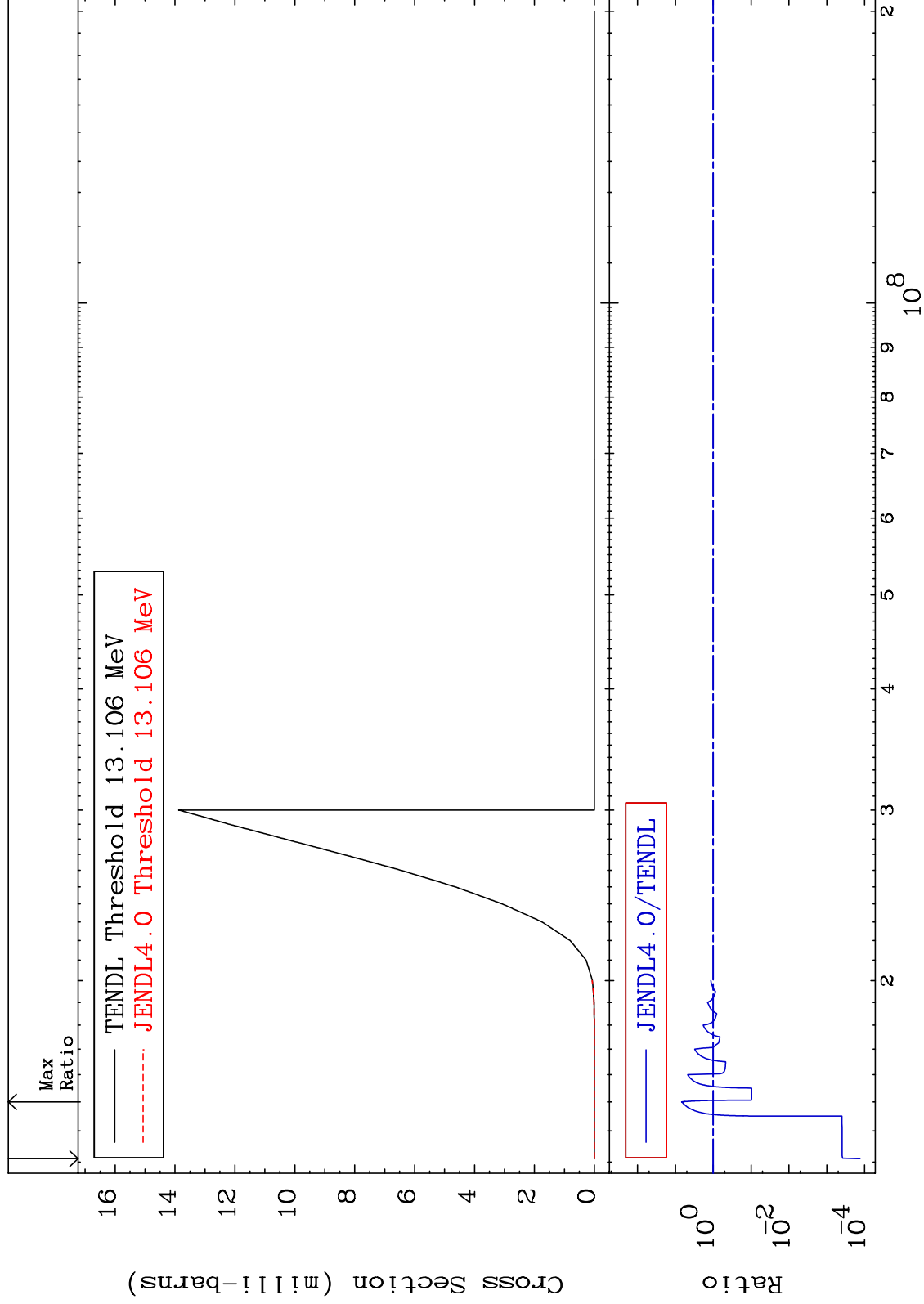
MAT 6237

(n,n') d

62-Sm-148

Cross Section

-99.99 To 585.7 %



10

Incident Energy (eV)

62-Sm-148

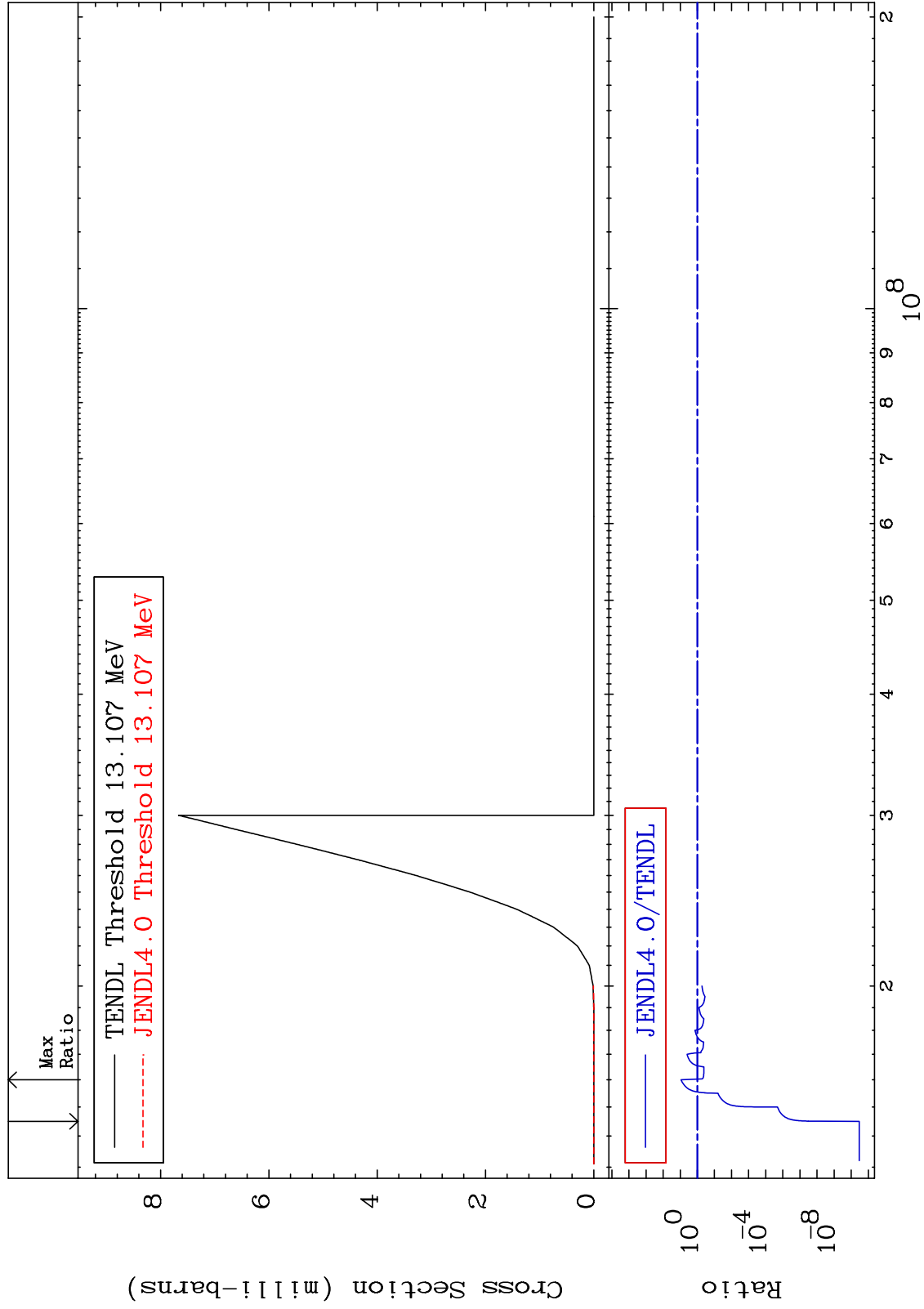
MAT 6237

(n,n') t

62-Sm-148

Cross Section

-100.0 To 794.4 %



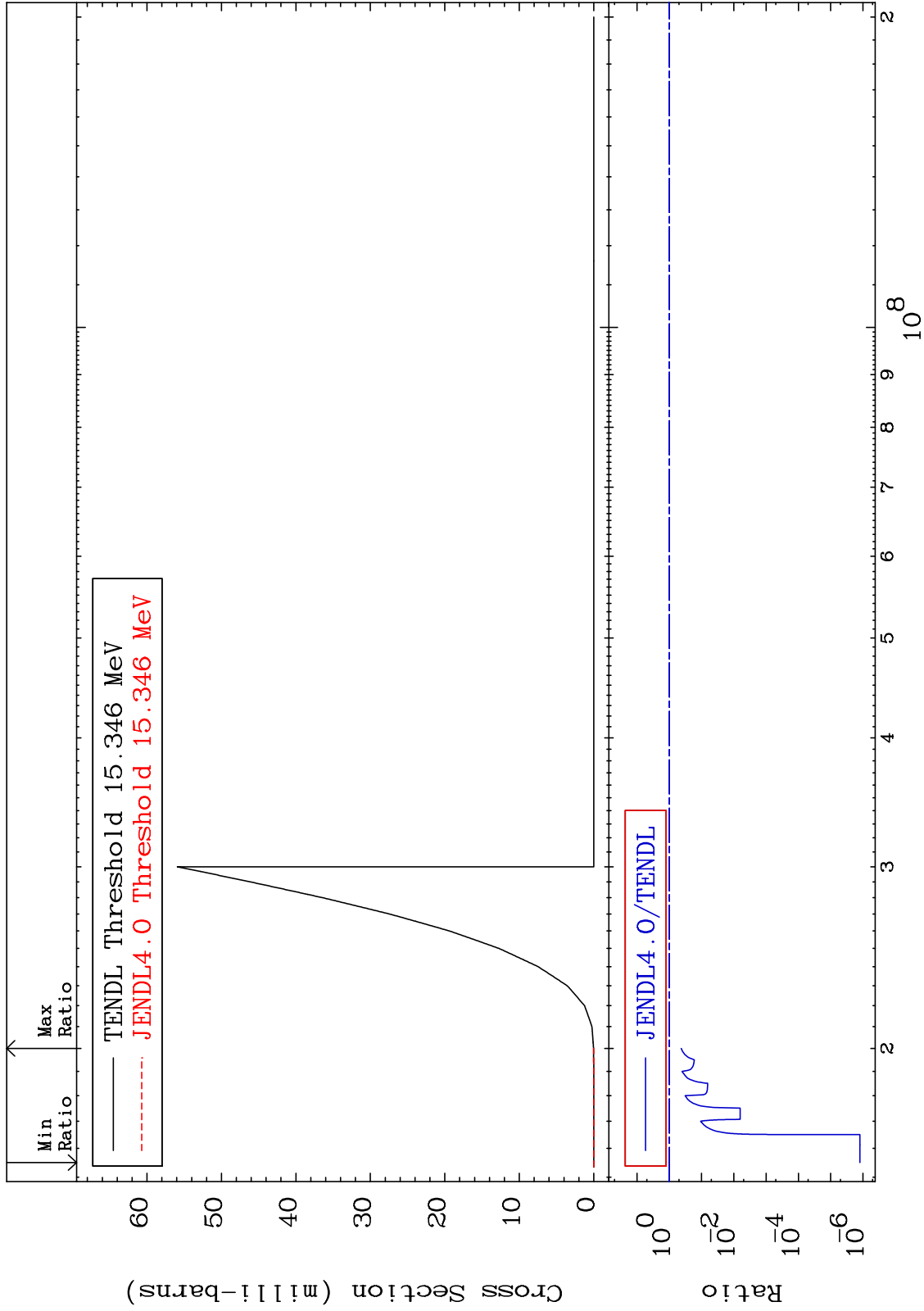
MAT 6237

(n,2n) p

62-Sm-148

Cross Section

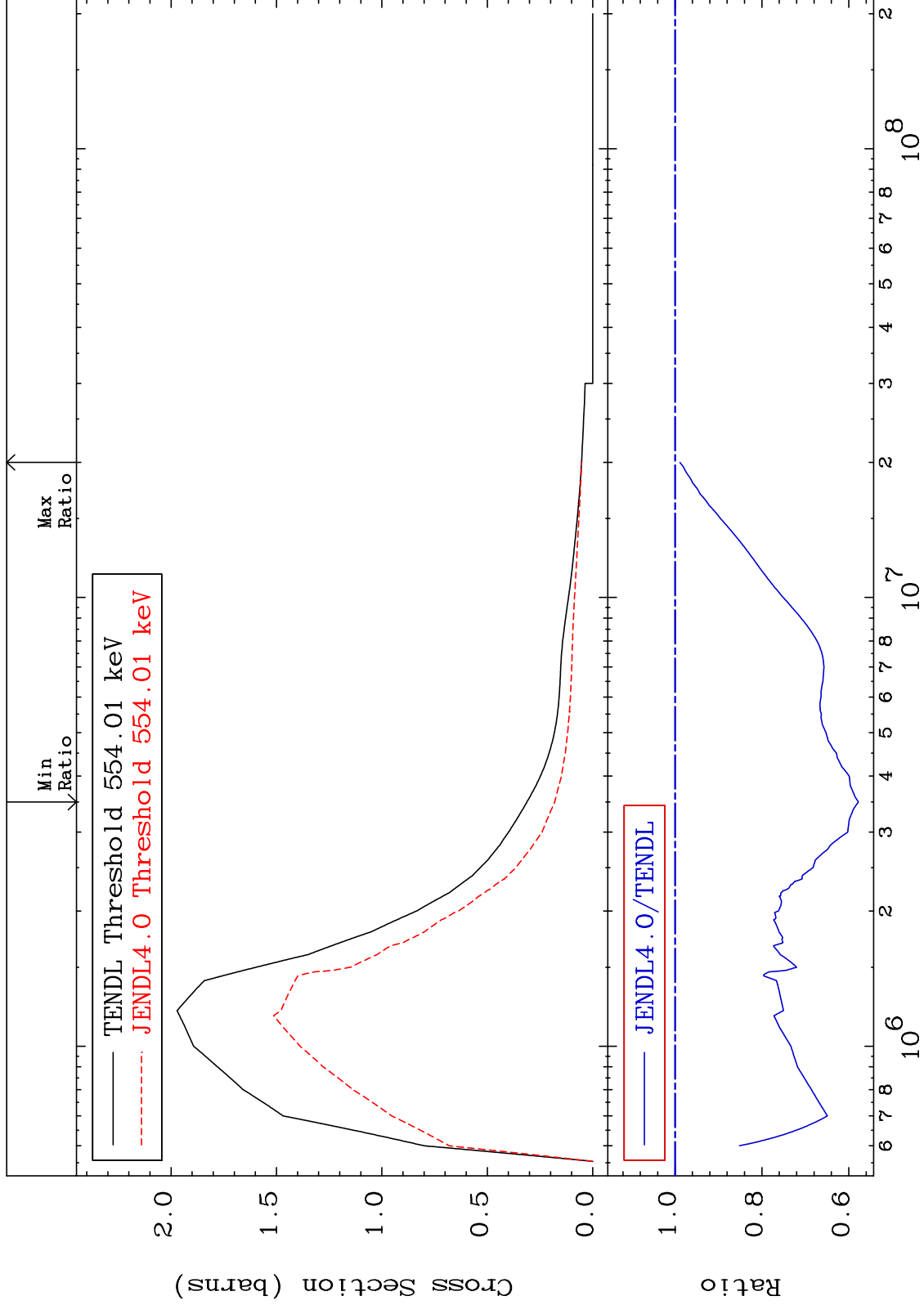
-100.0 To -57.28%



MAT 6237

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

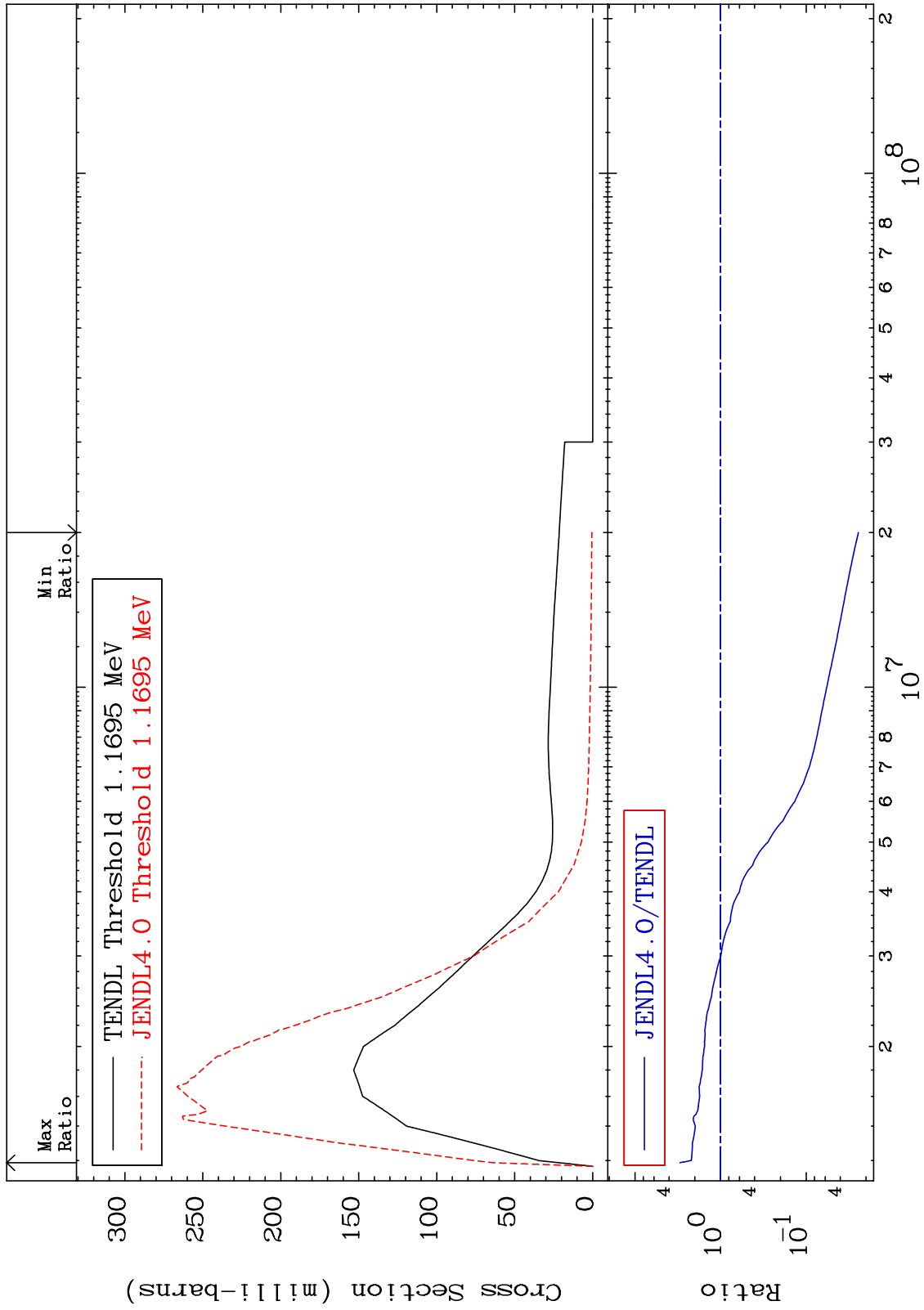
62-Sm-148
-42.22 To -1.143%



MAT 6237

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

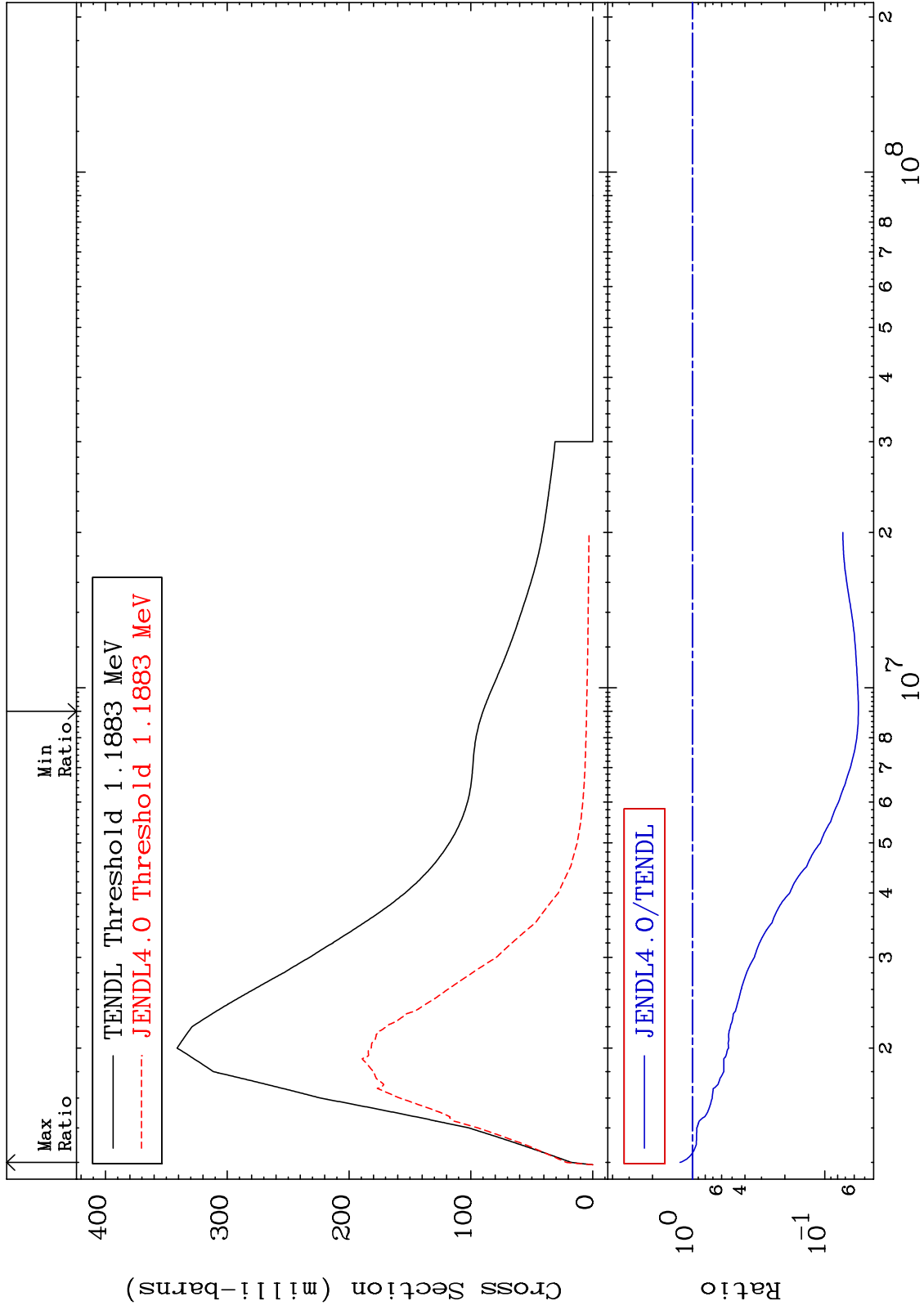
62-Sm-148
-97.55 To 198.0 %



MAT 6237

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

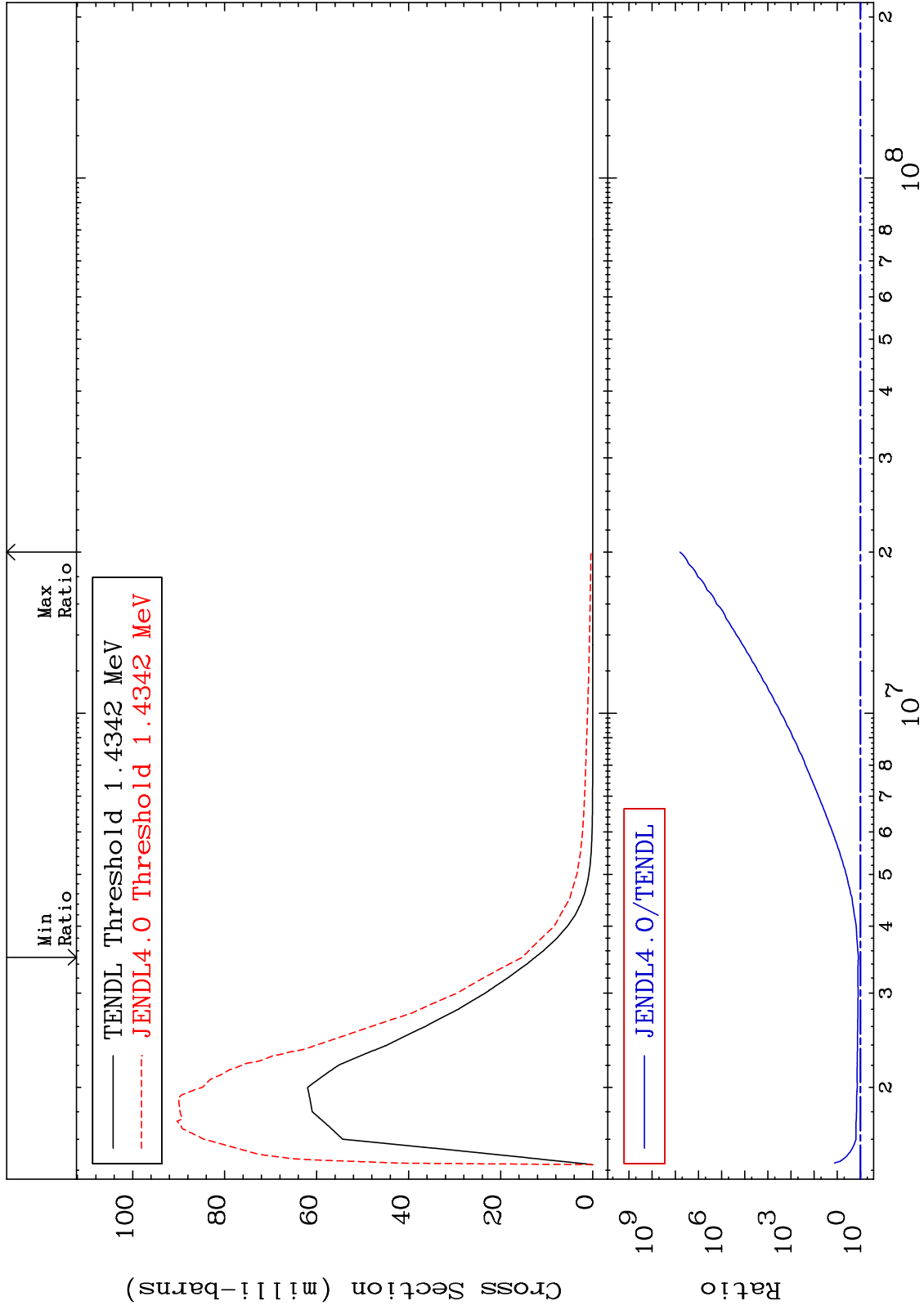
62-Sm-148
-94.43 To 23.83 %



MAT 6237

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

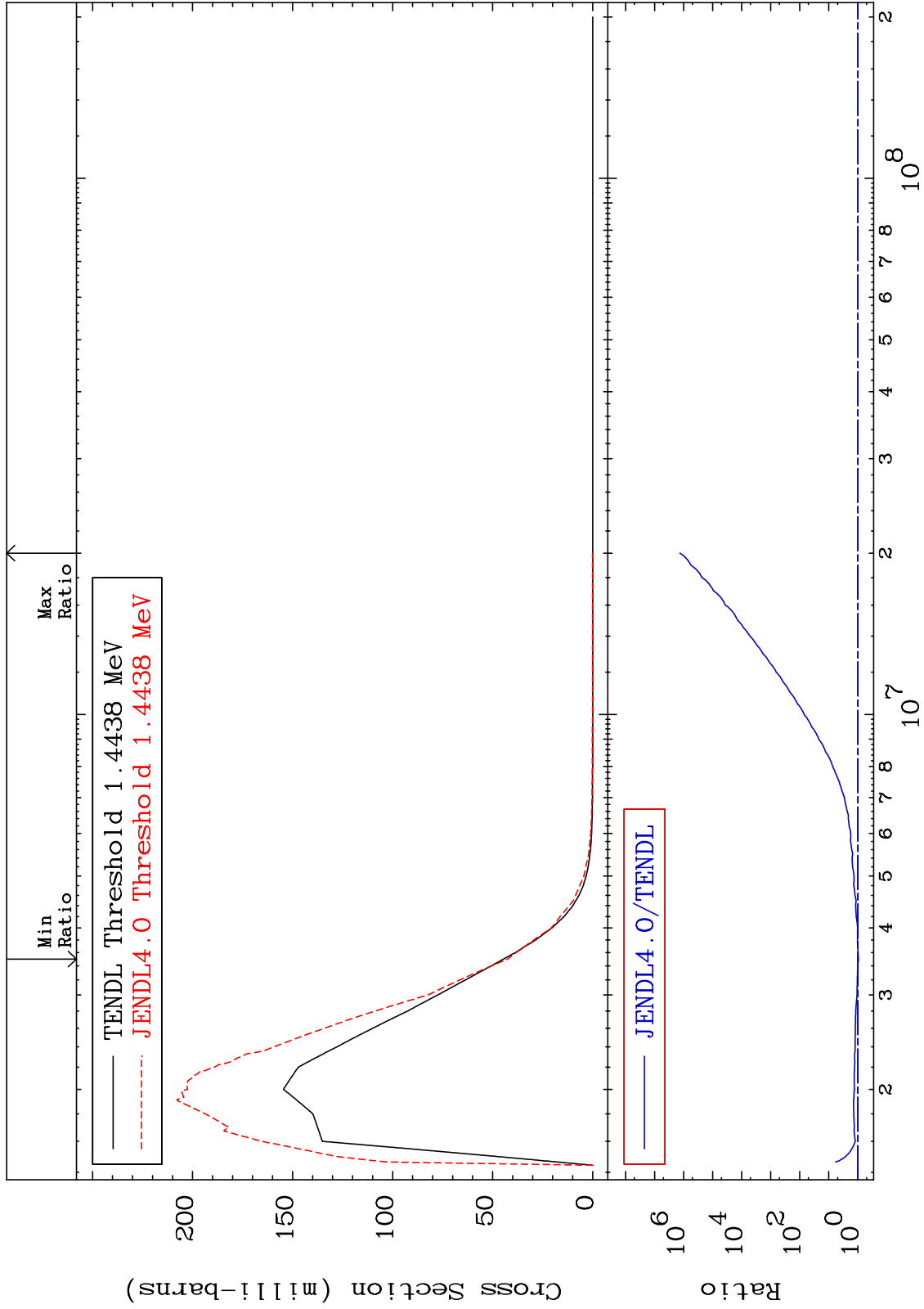
62-Sm-148
22.32 To 9999. %



MAT 6237

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

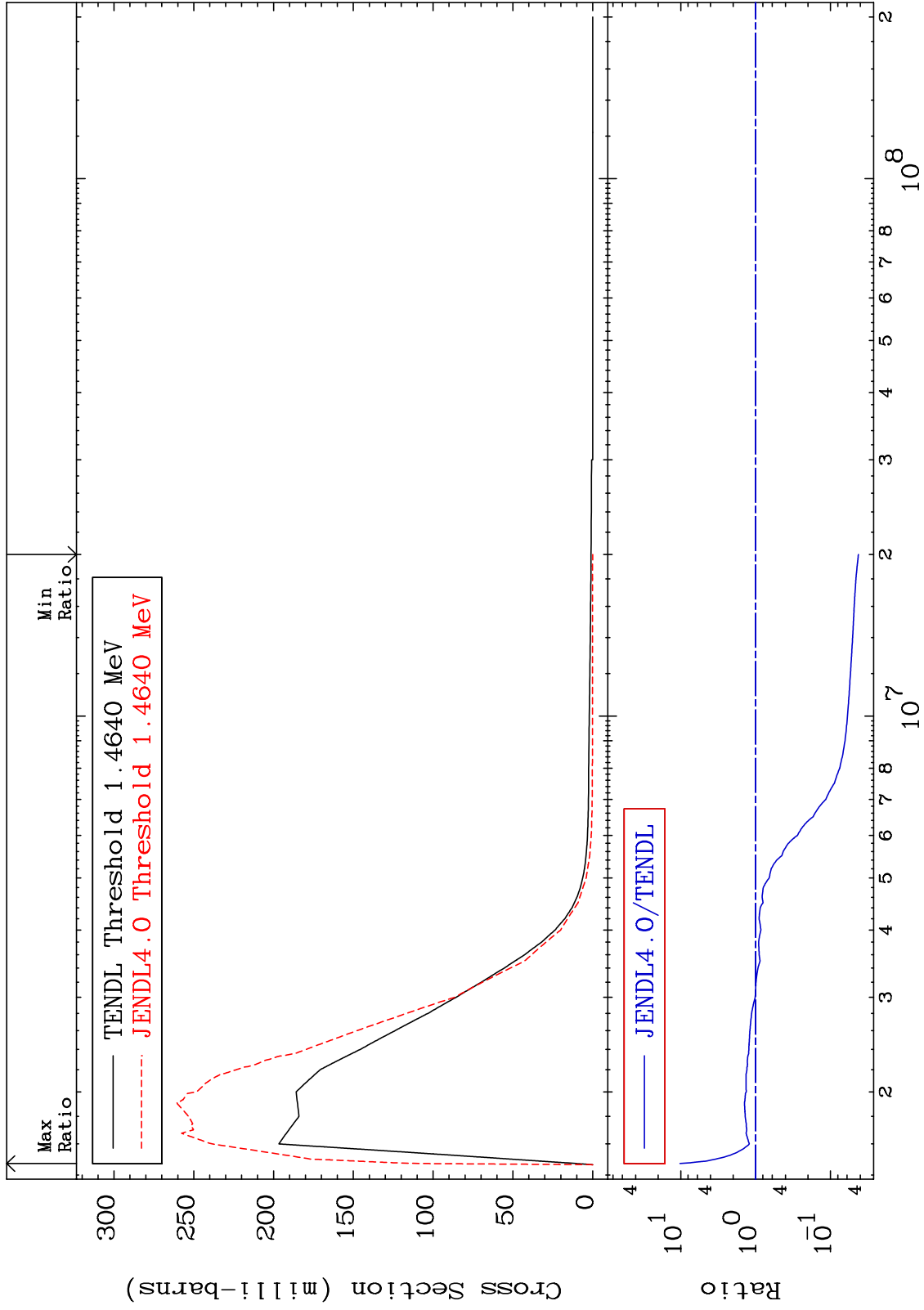
62-Sm-148
-4.530 To 9999. %



MAT 6237

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

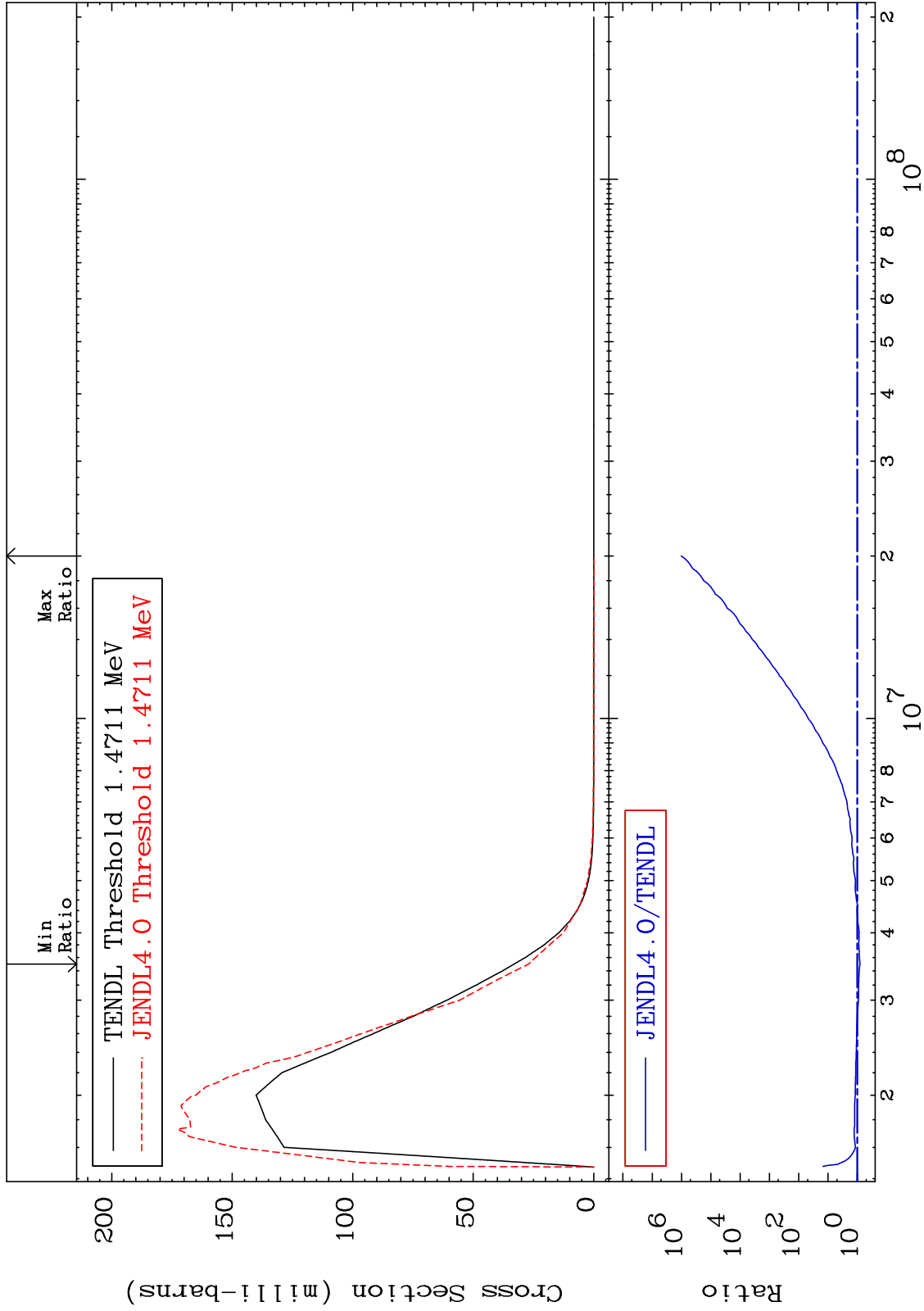
62-Sm-148
-95.76 To 921.8 %



MAT 6237

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

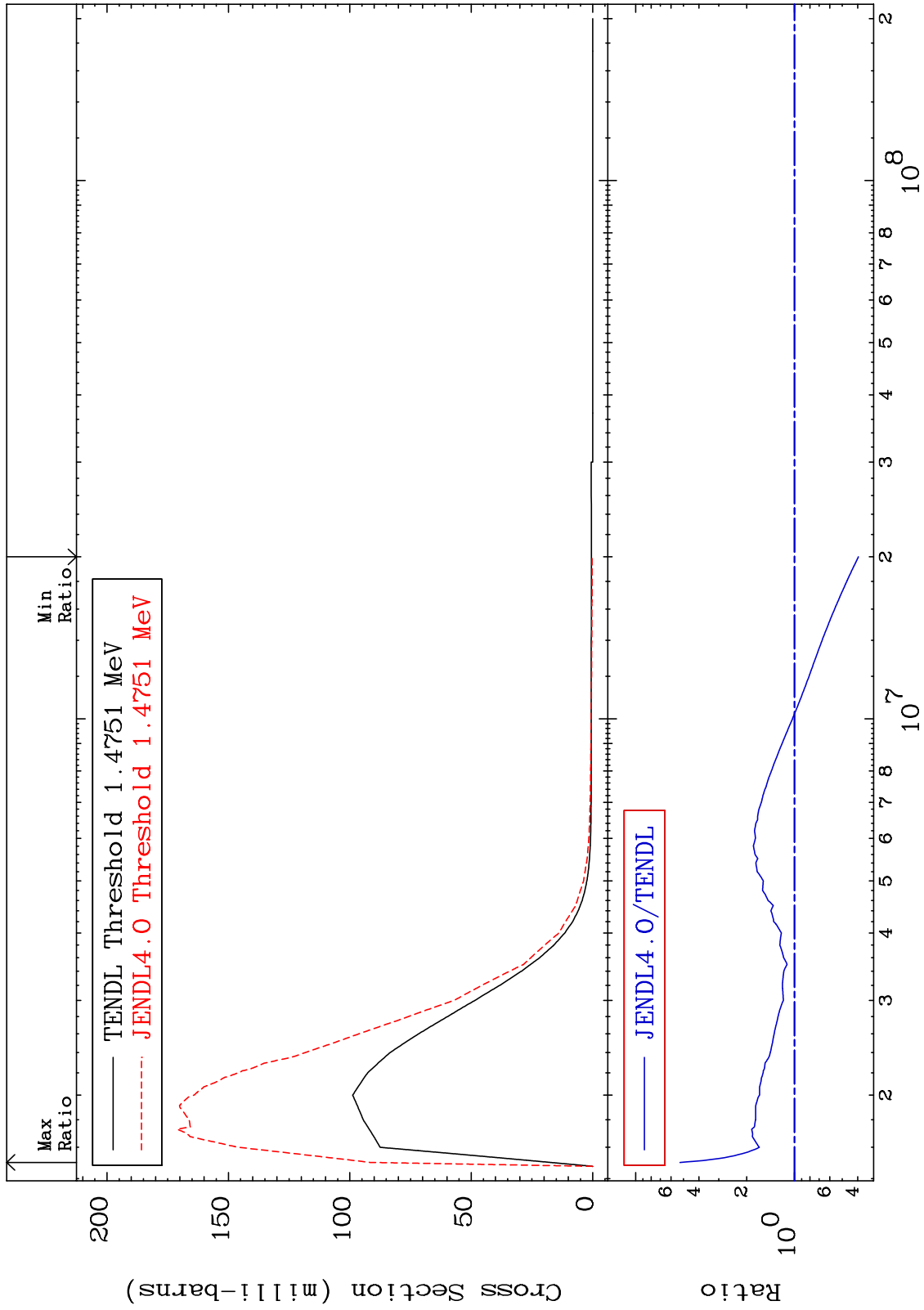
62-Sm-148
-18.40 To 9999. %



MAT 6237

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

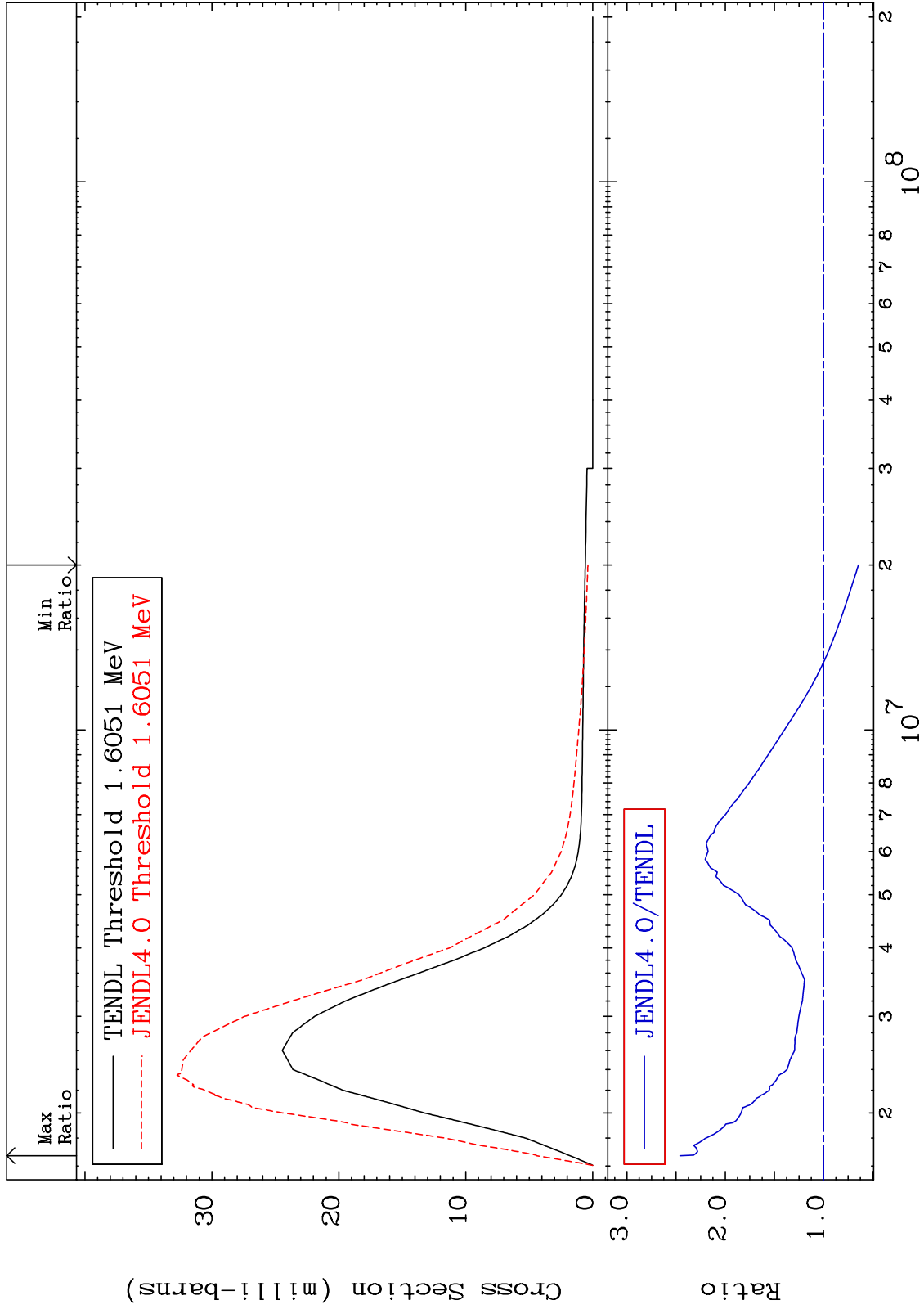
62-Sm-148
-60.42 To 425.9 %



MAT 6237

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

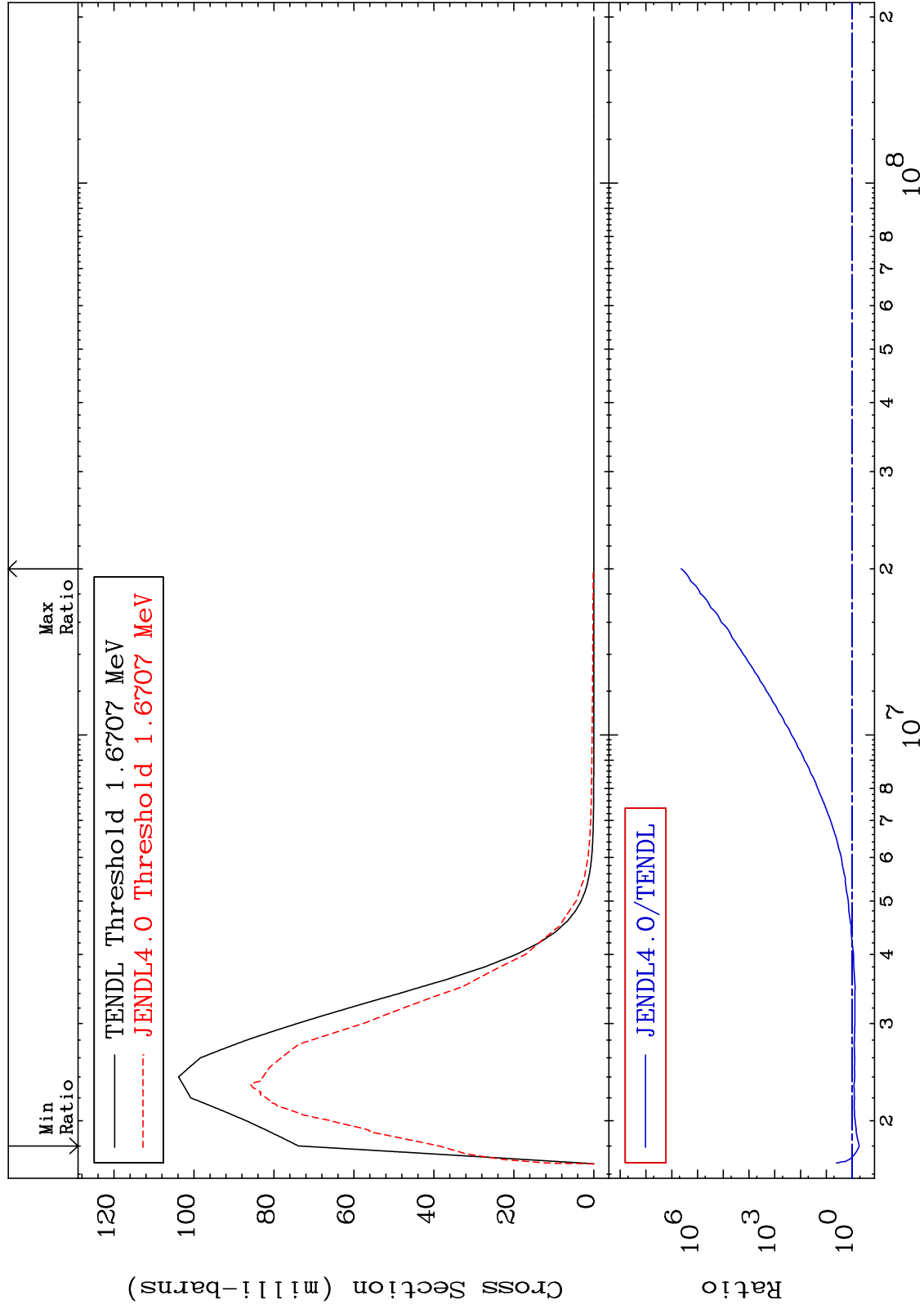
62-Sm-148
-35.48 To 146.0 %



MAT 6237

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

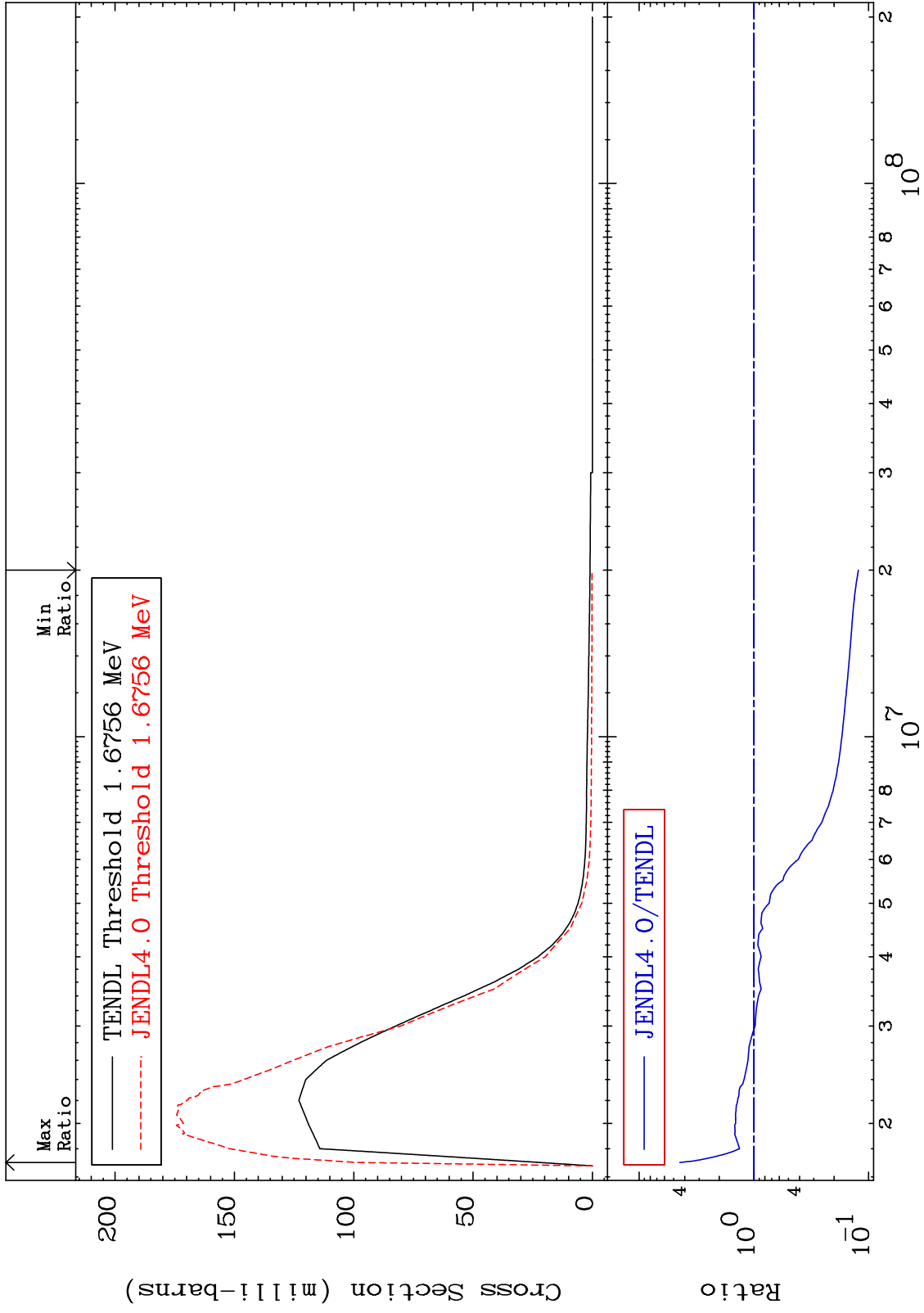
62-Sm-148
-47.59 To 9999. %



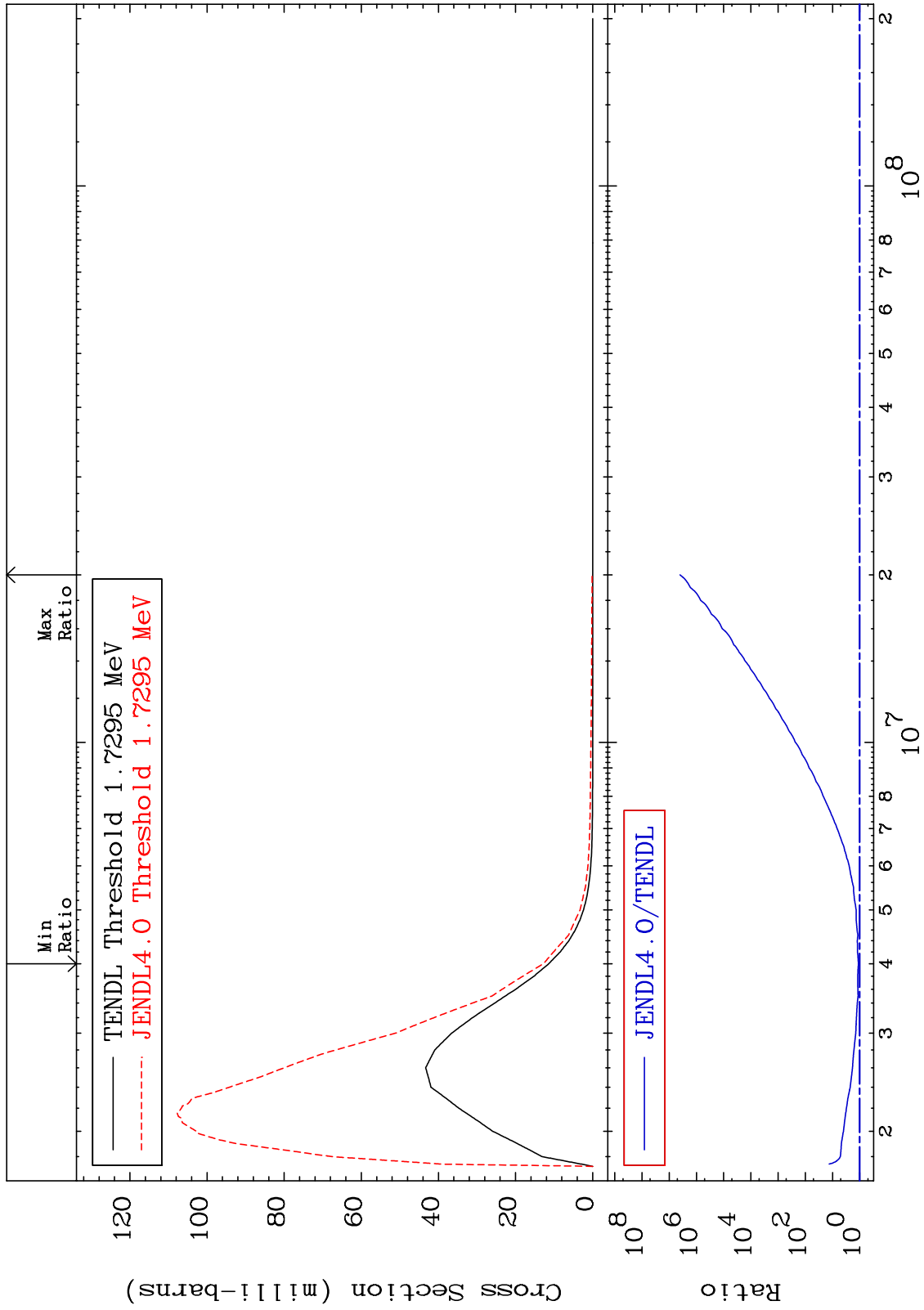
MAT 6237

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

62-Sm-148
-87.71 To 341.8 %



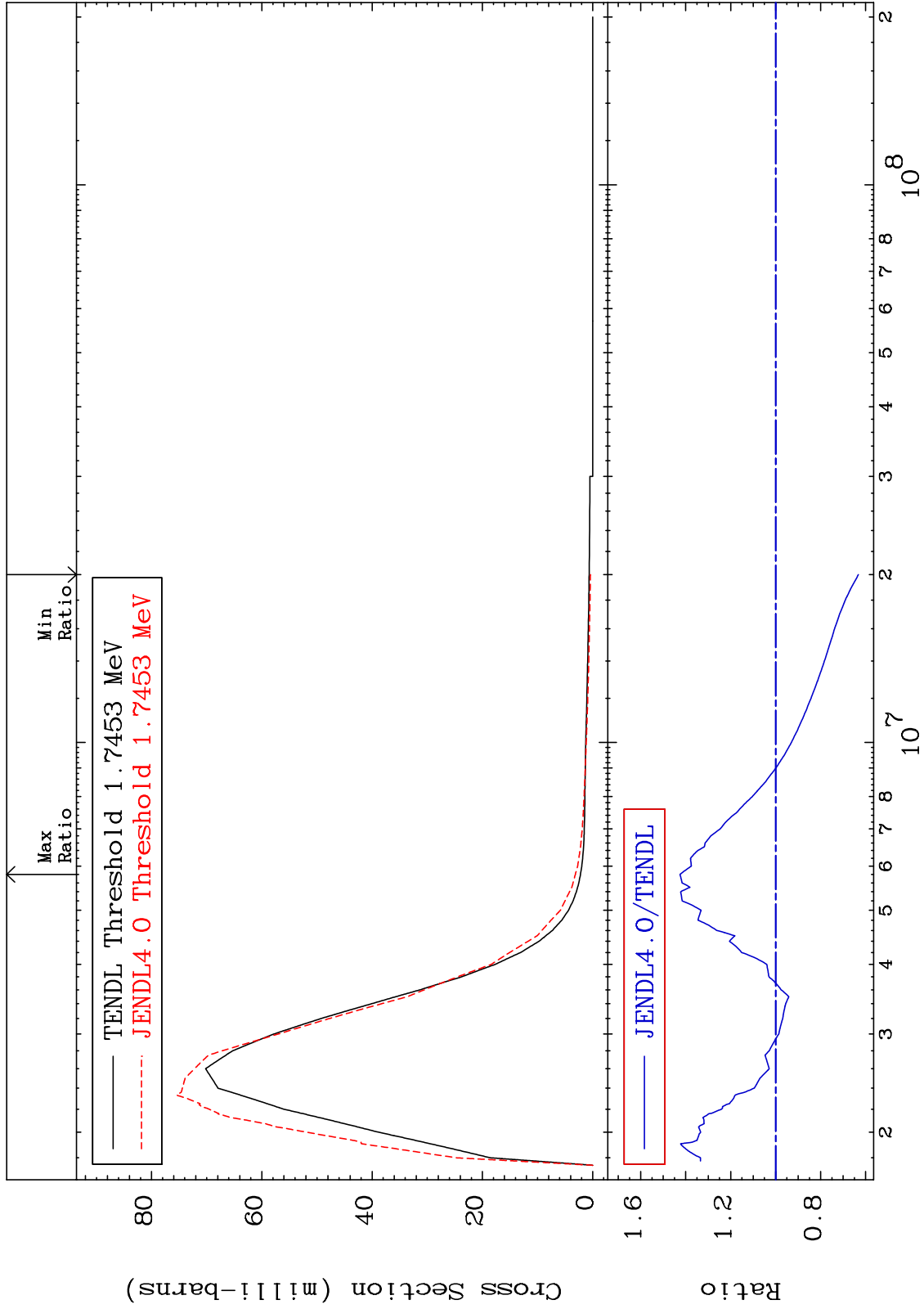
MAT 6237 MT= 62 (n,n') Level Cross Section 62-Sm-148 To 9999. %
 11.95



MAT 6237

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

62-Sm-148
-36.79 To 42.54 %



25

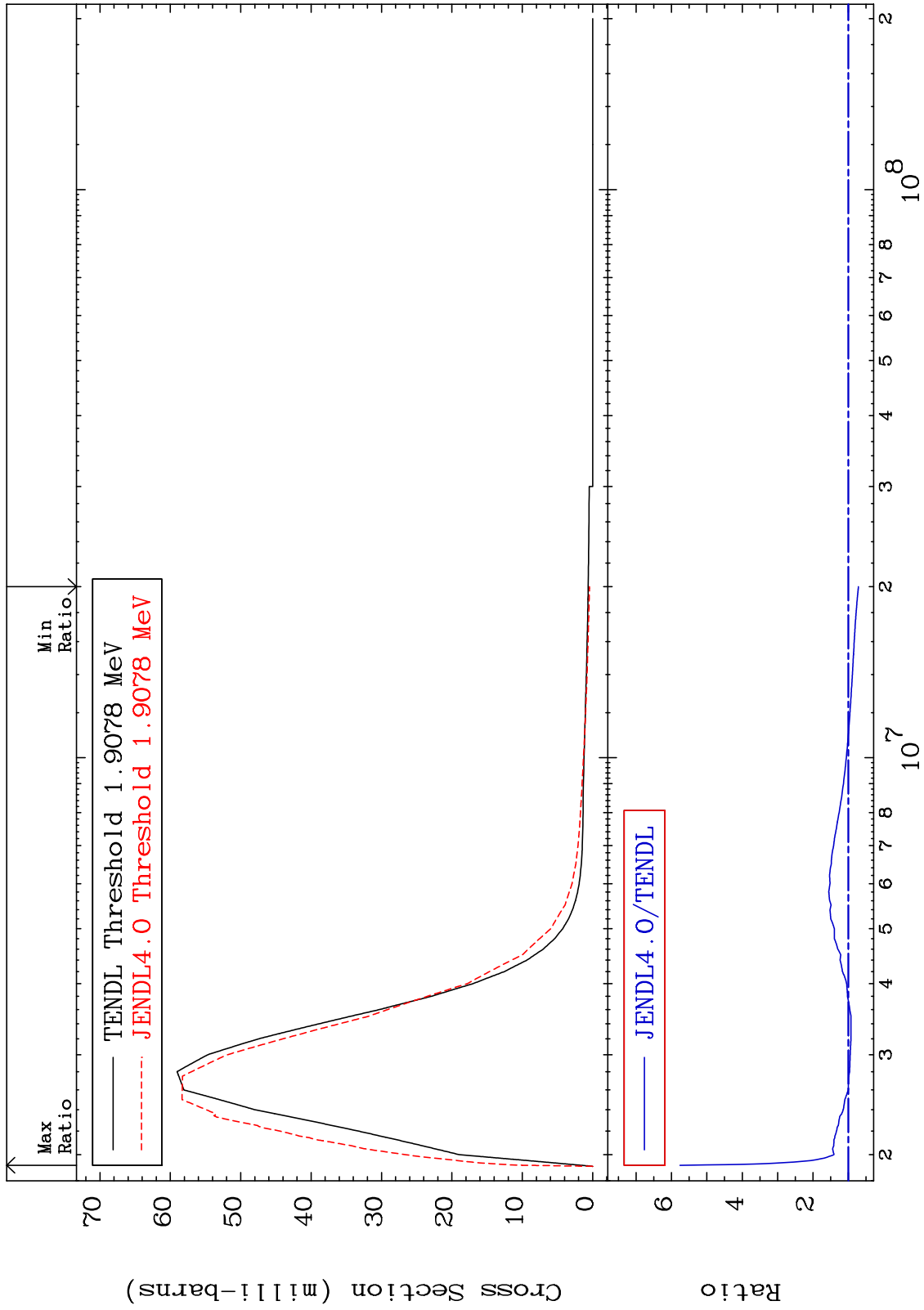
Incident Energy (eV)

62-Sm-148

MAT 6237

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

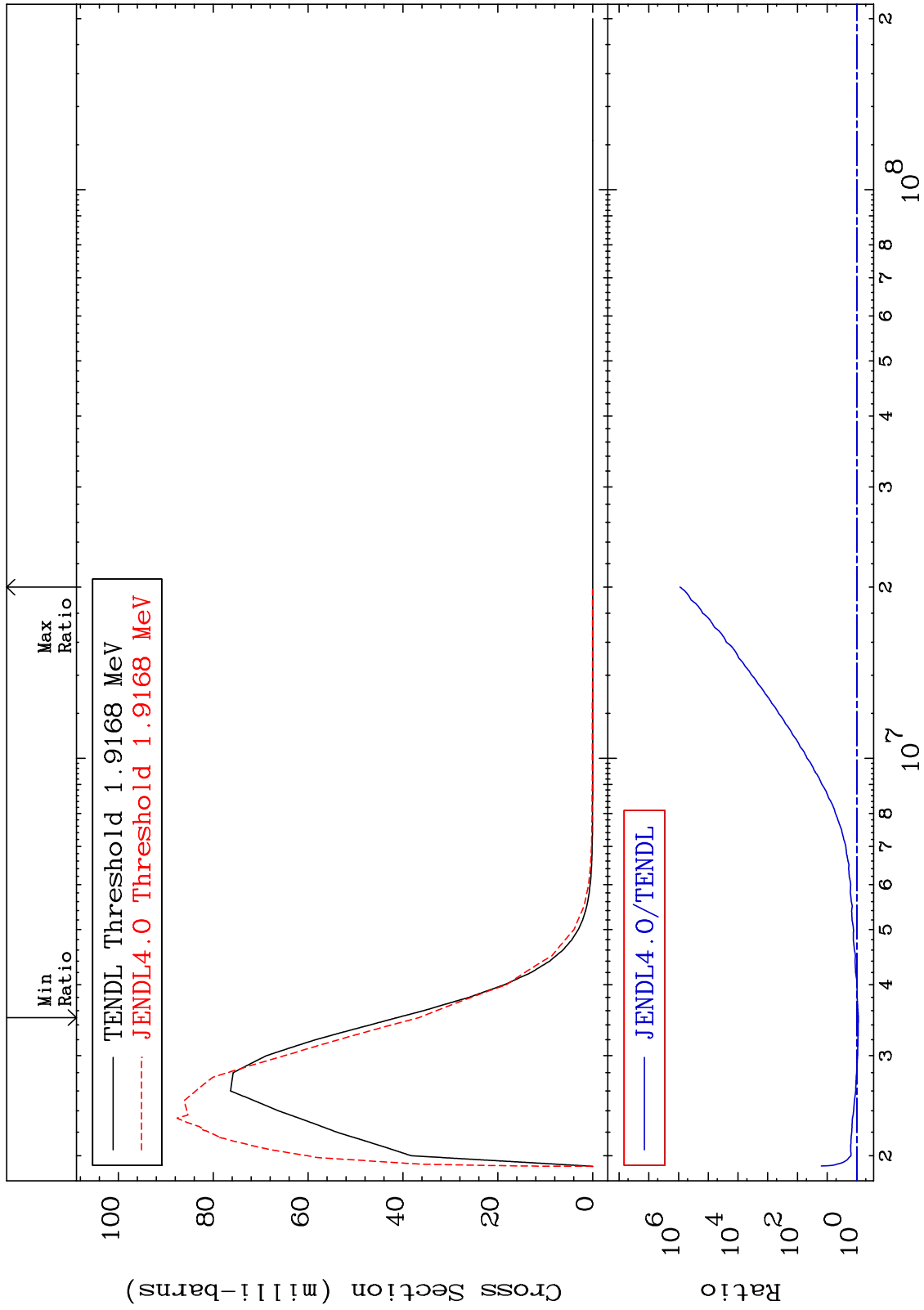
62-Sm-148
-28.33 To 475.8 %



MAT 6237

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

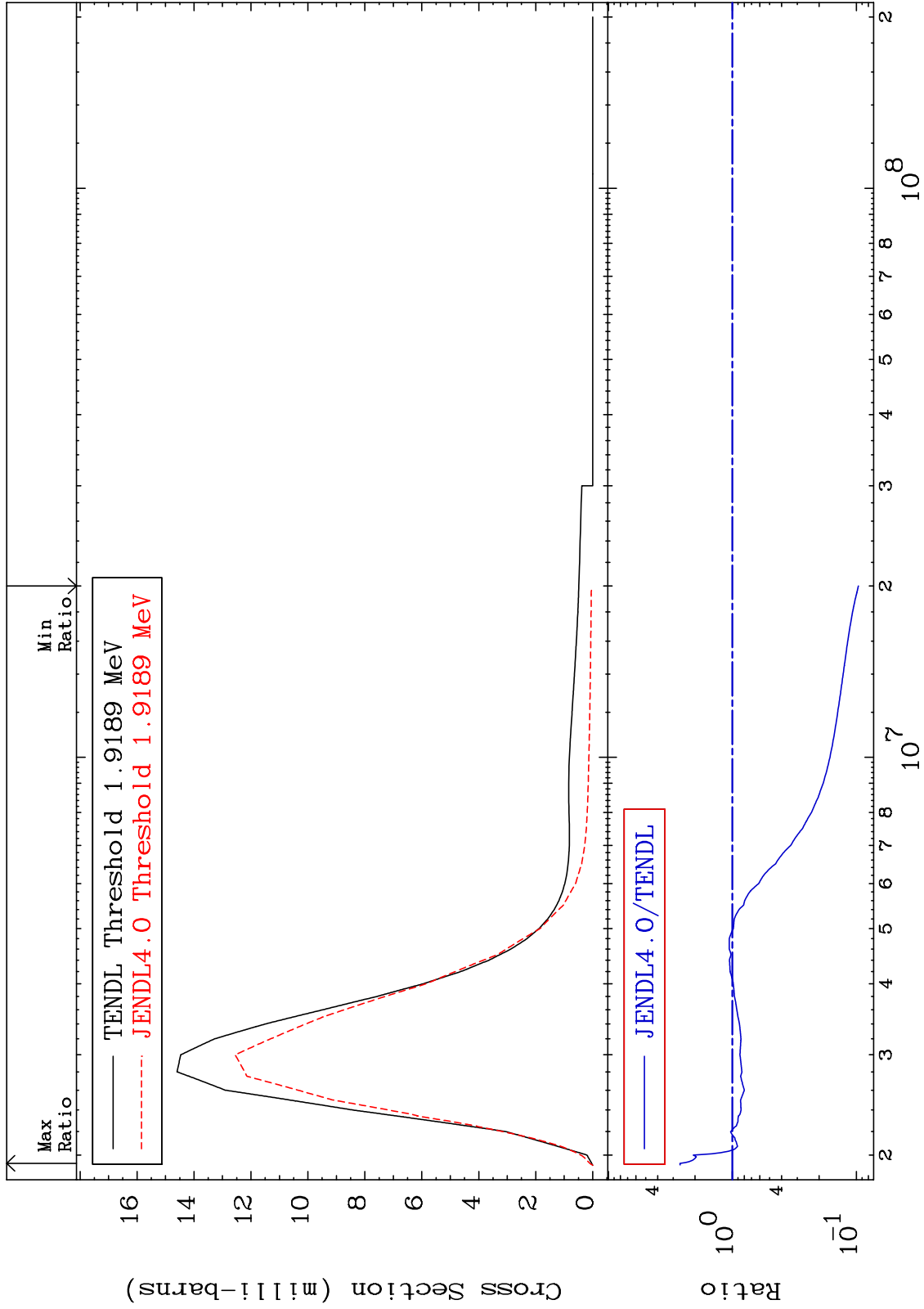
62-Sm-148
-11.17 To 9999. %



MAT 6237

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

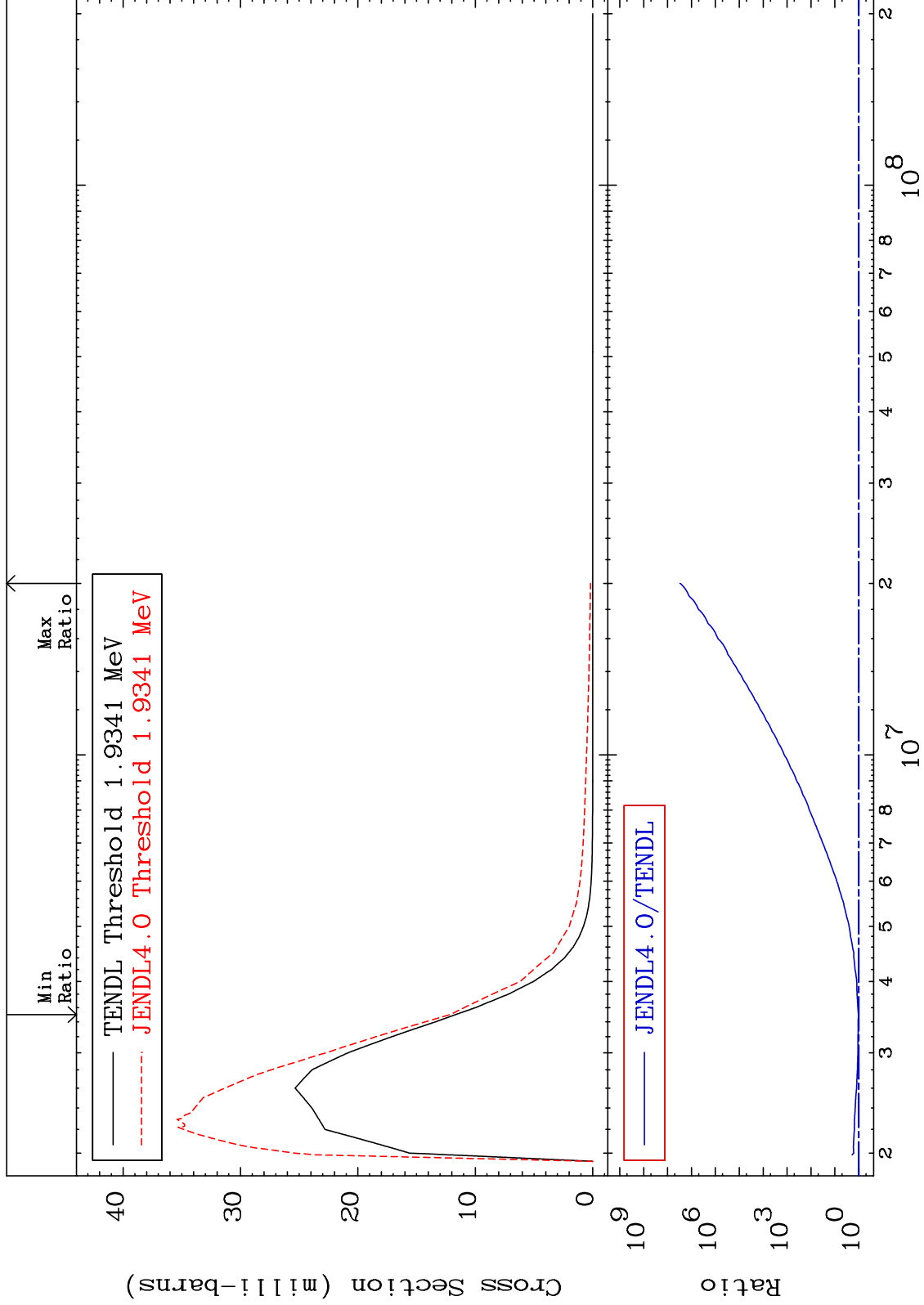
62-Sm-148
-90.37 To 164.1 %



MAT 6237

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

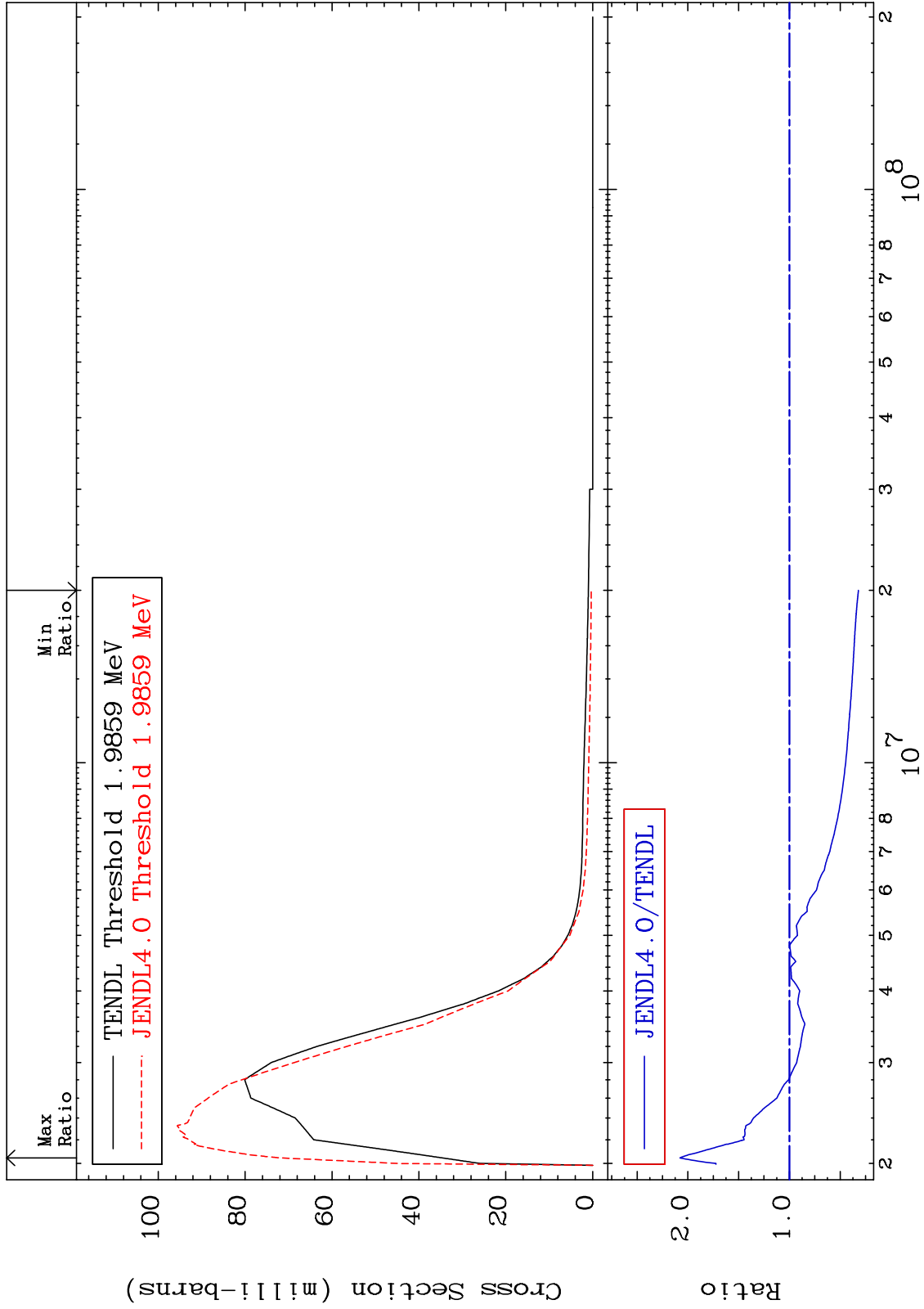
62-Sm-148
3.912 To 9999. %



MAT 6237

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

62-Sm-148
-67.99 To 107.8 %

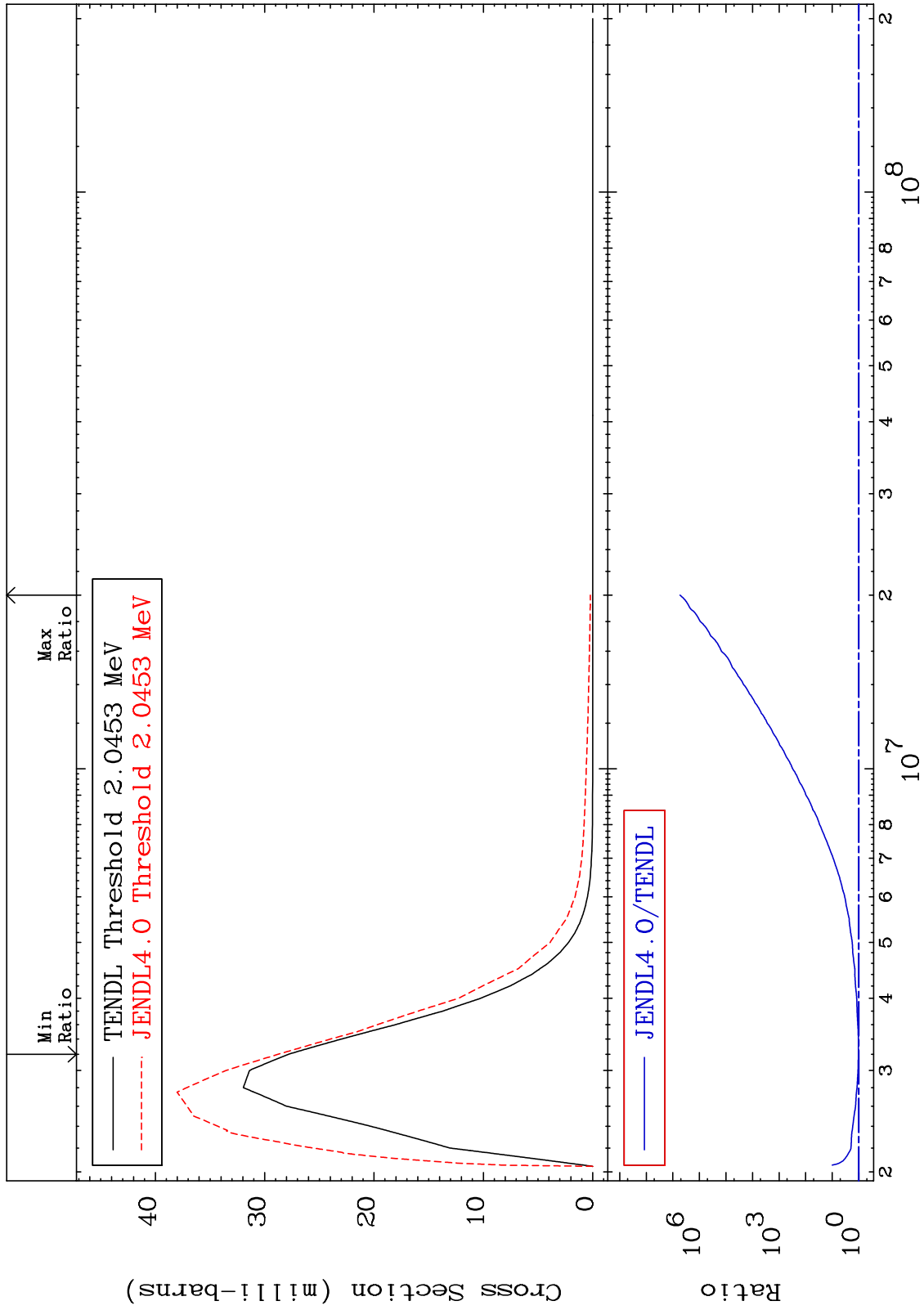


30

Incident Energy (eV)

62-Sm-148

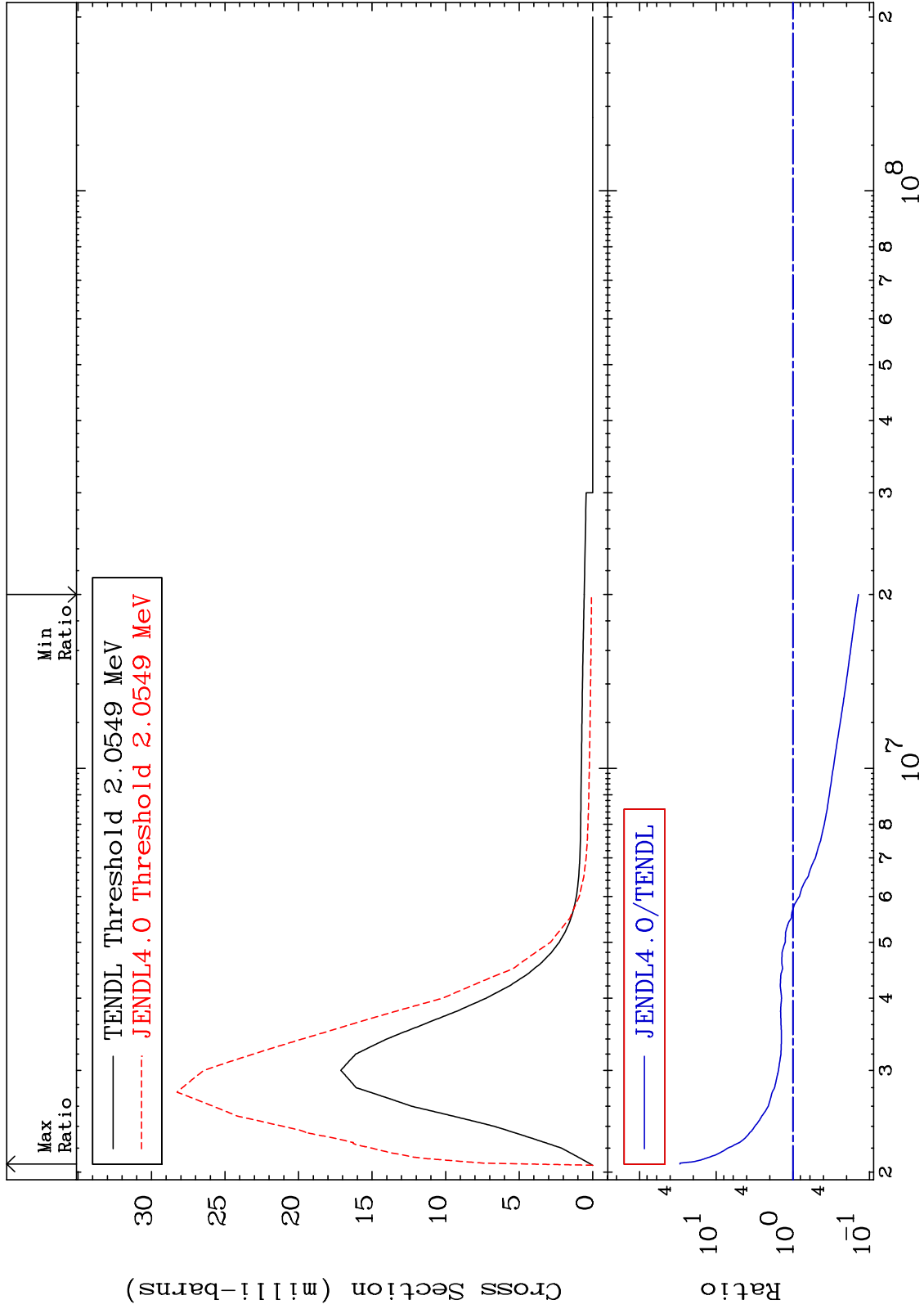
MAT 6237 MT= 69 (n, n') Level Cross Section 62-Sm-148 To 9999. %
 3.280



MAT 6237

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

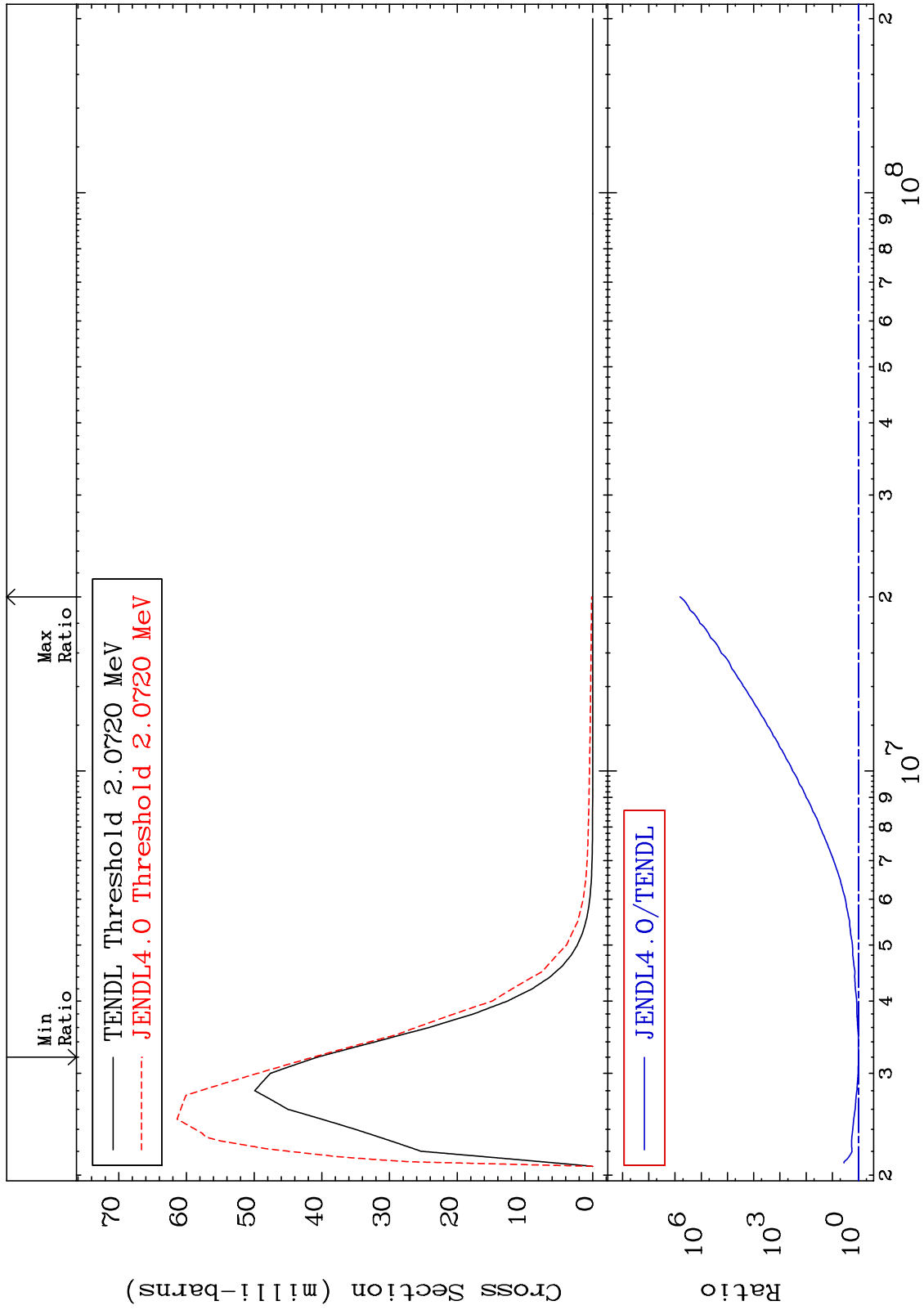
62-Sm-148
-86.01 To 2870. %



MAT 6237

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

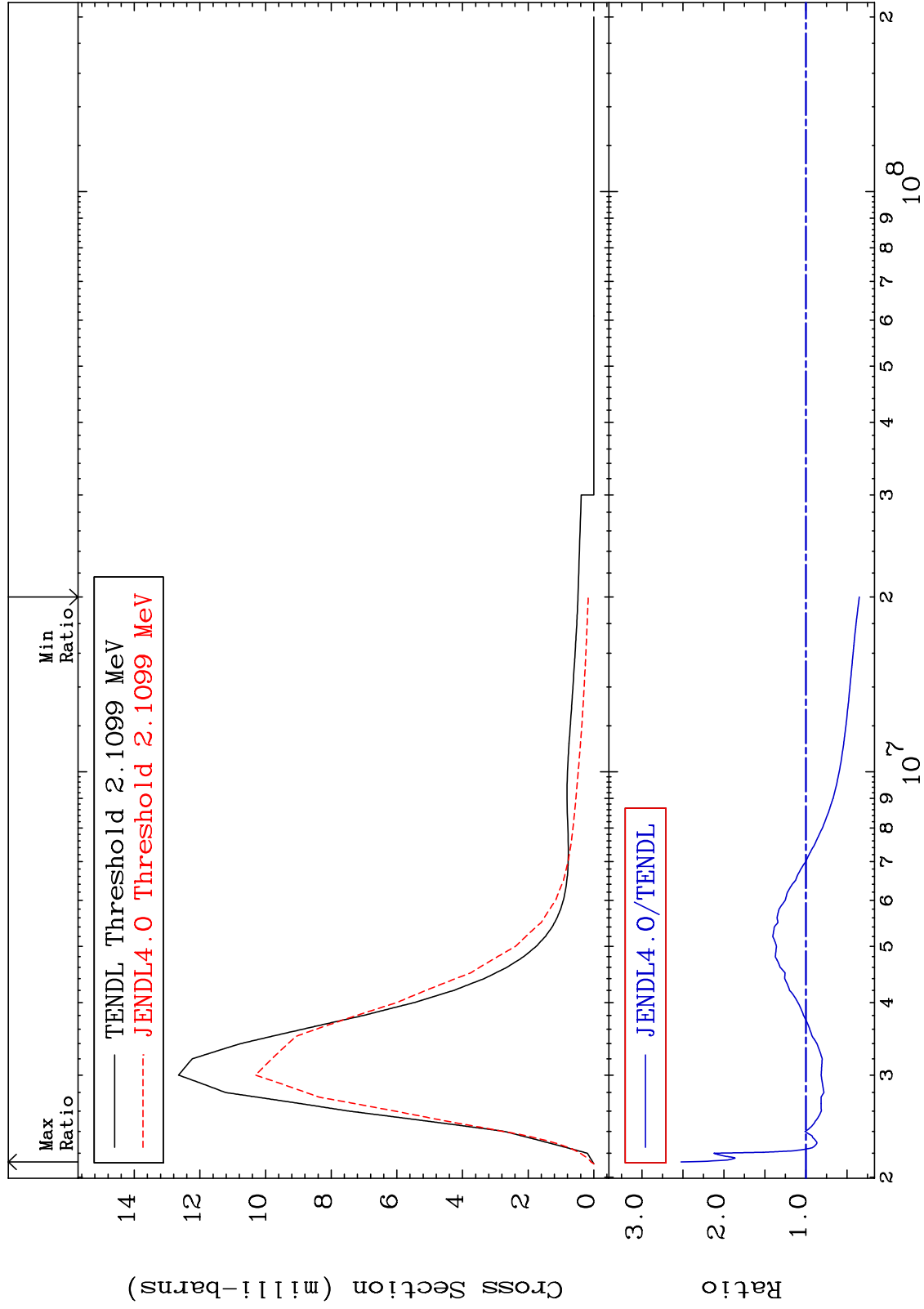
62-Sm-148
1.475 To 9999. %



MAT 6237

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

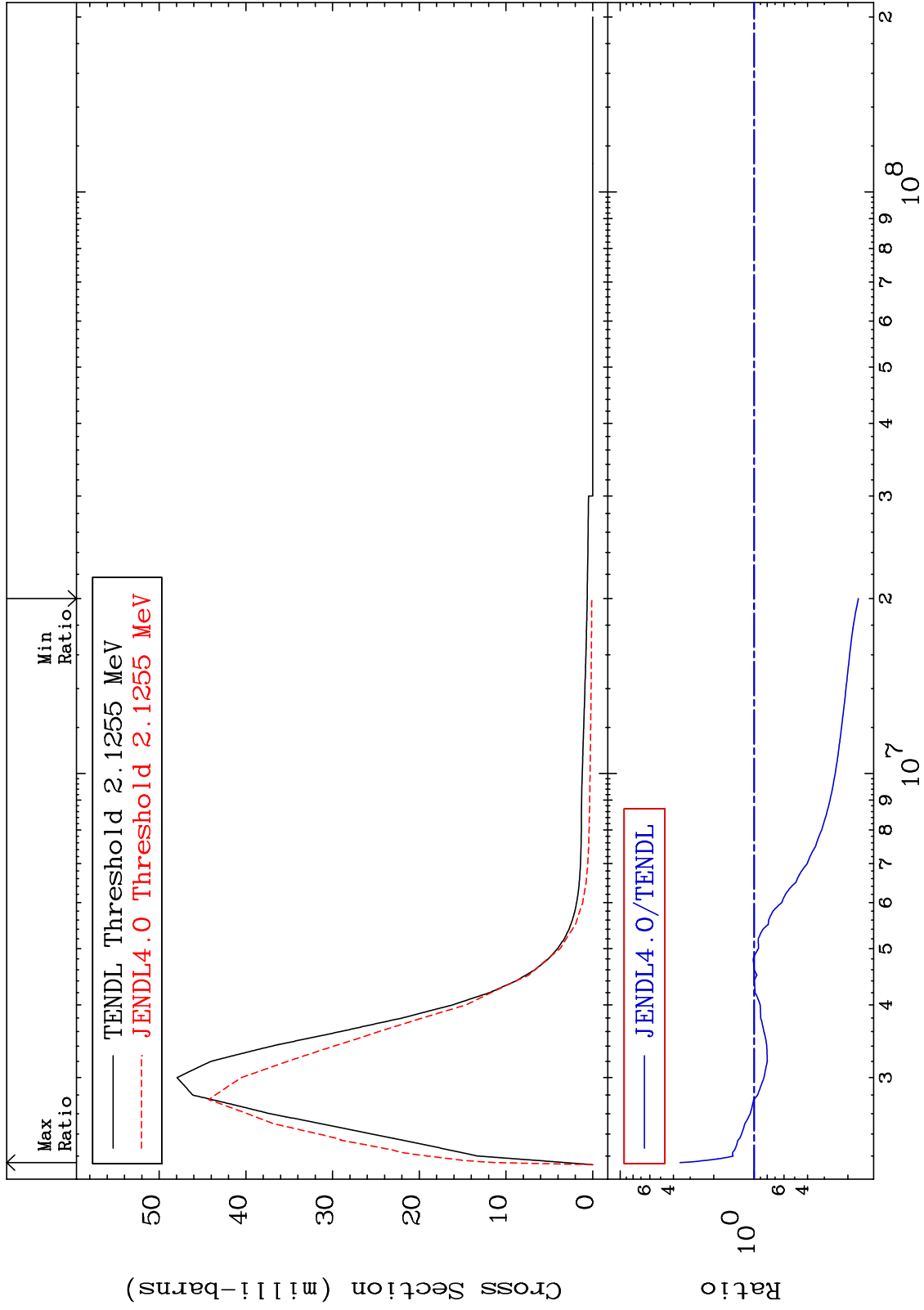
62-Sm-148
-65.08 To 152.4 %



MAT 6237

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

62-Sm-148
-83.29 To 257.4 %



35

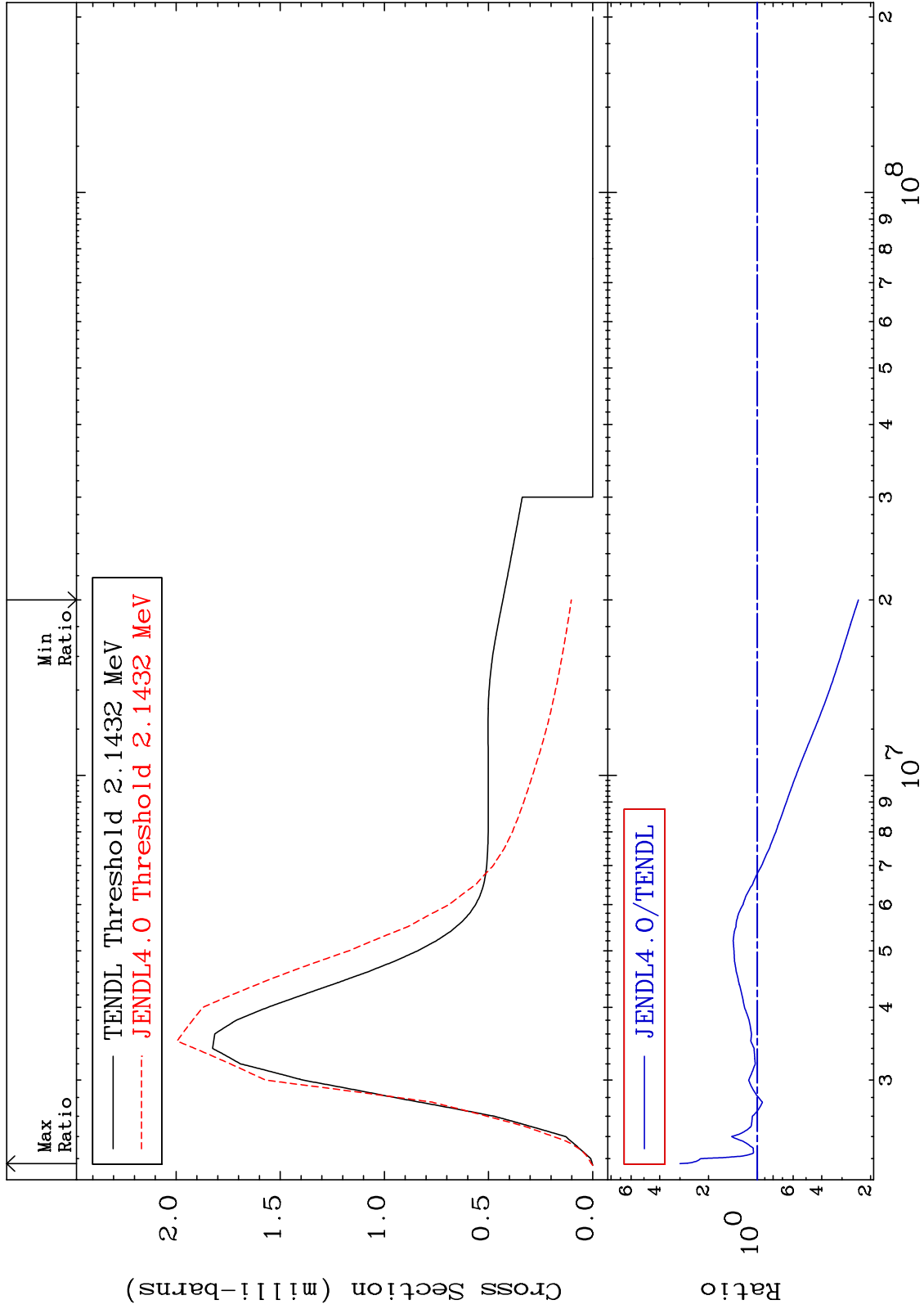
Incident Energy (eV)

62-Sm-148

MAT 6237

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

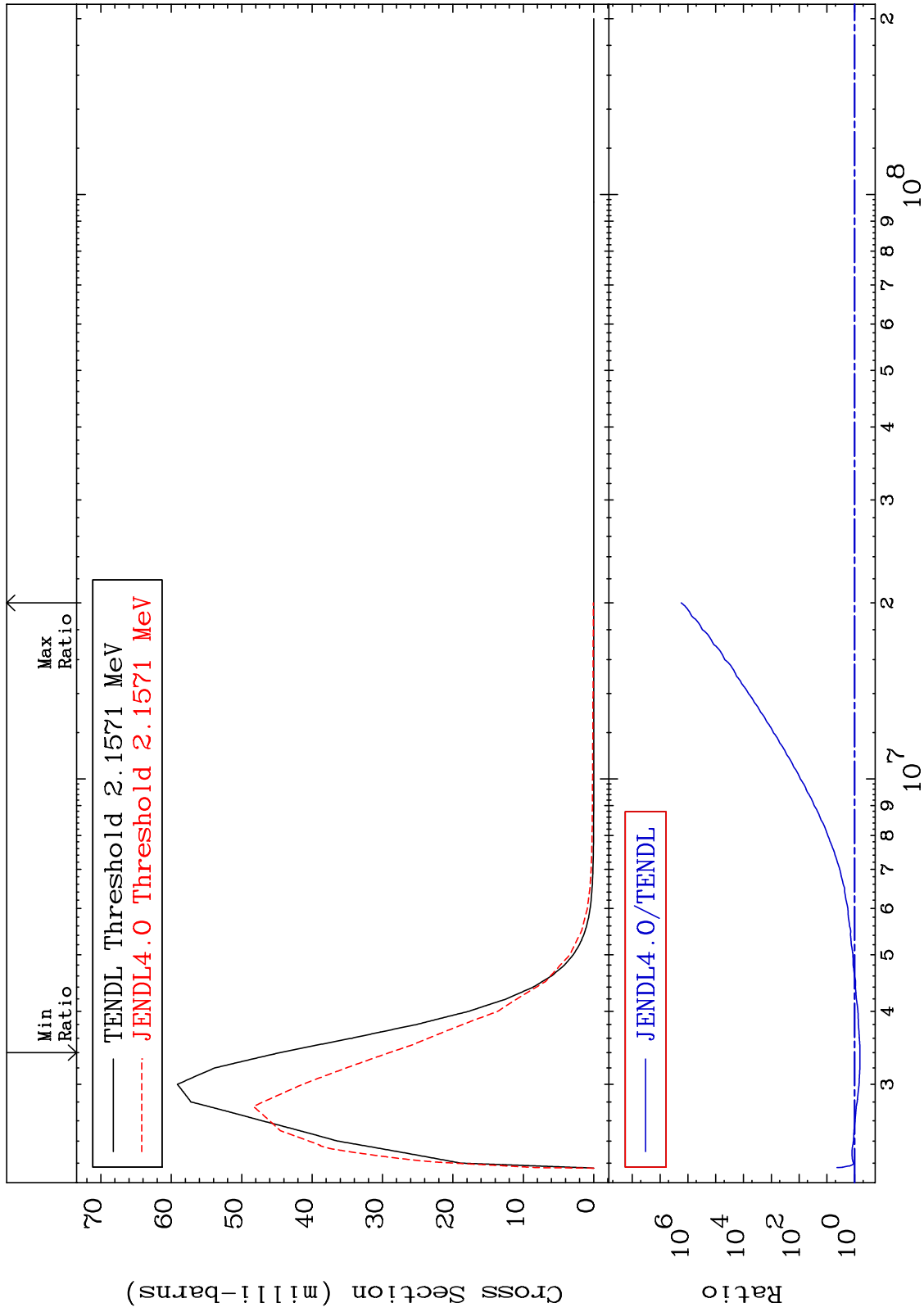
62-Sm-148
-76.24 To 199.8 %



MAT 6237

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

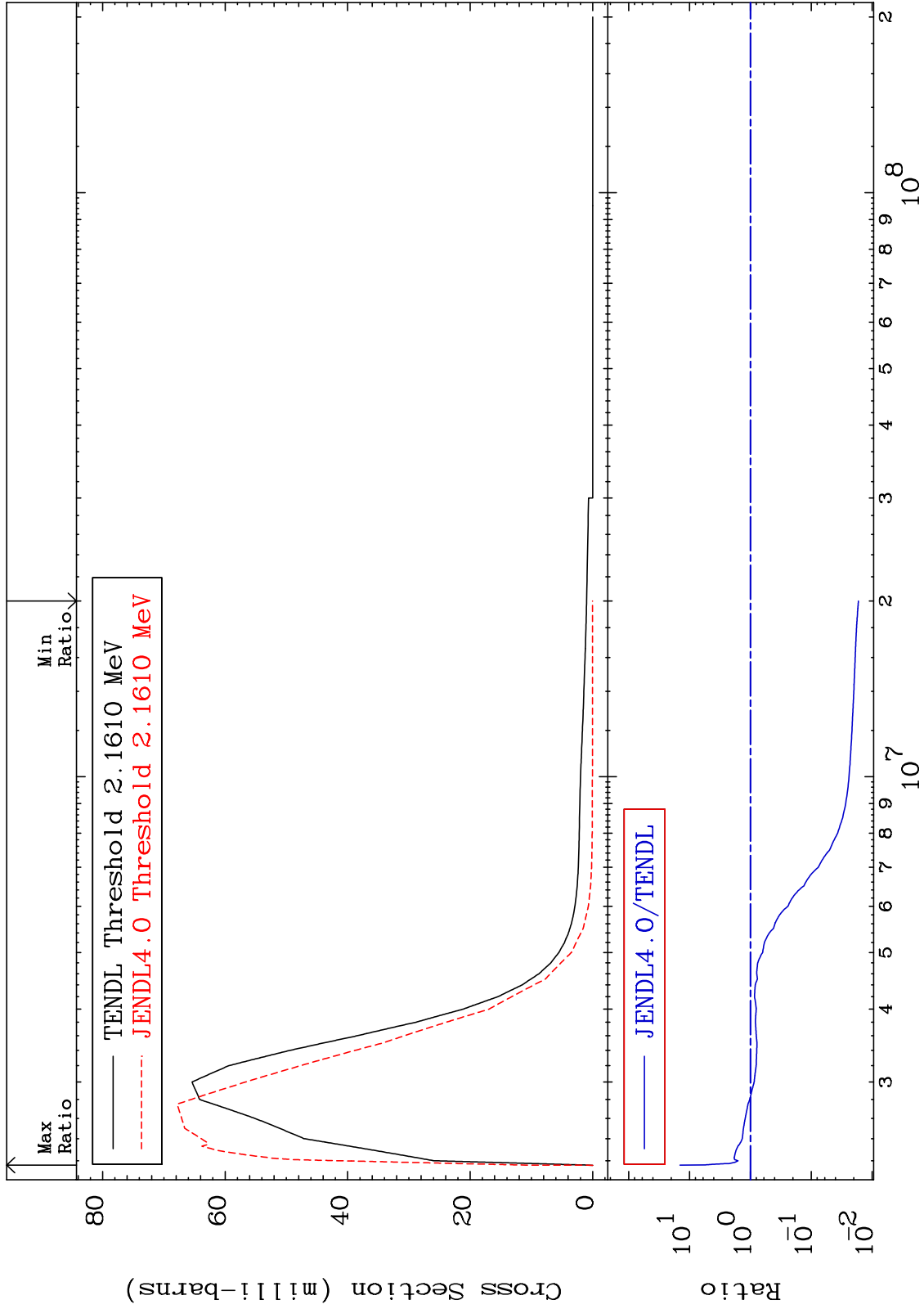
62-Sm-148
-34.91 To 9999. %



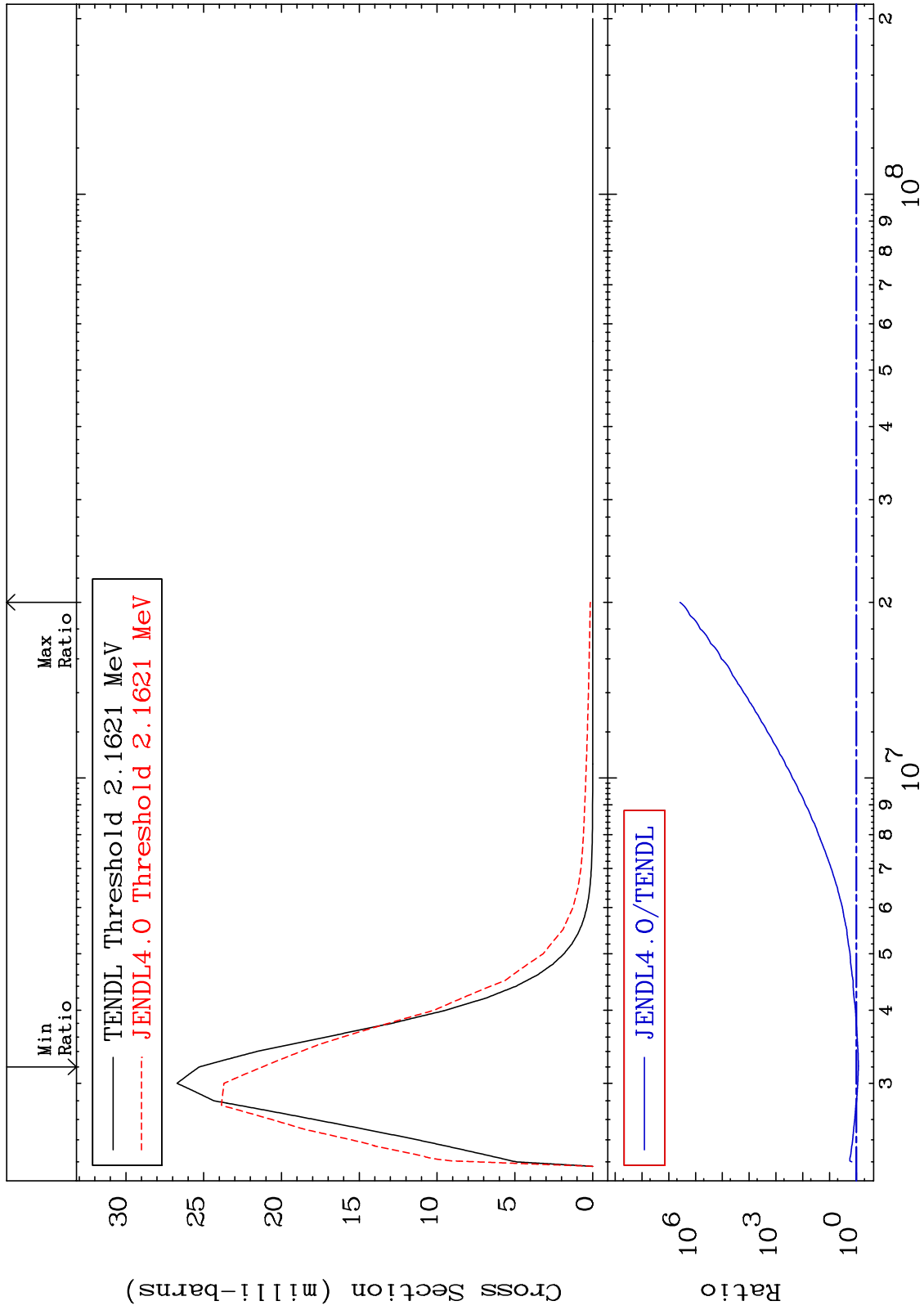
MAT 6237

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

62-Sm-148
-98.33 To 1334. %



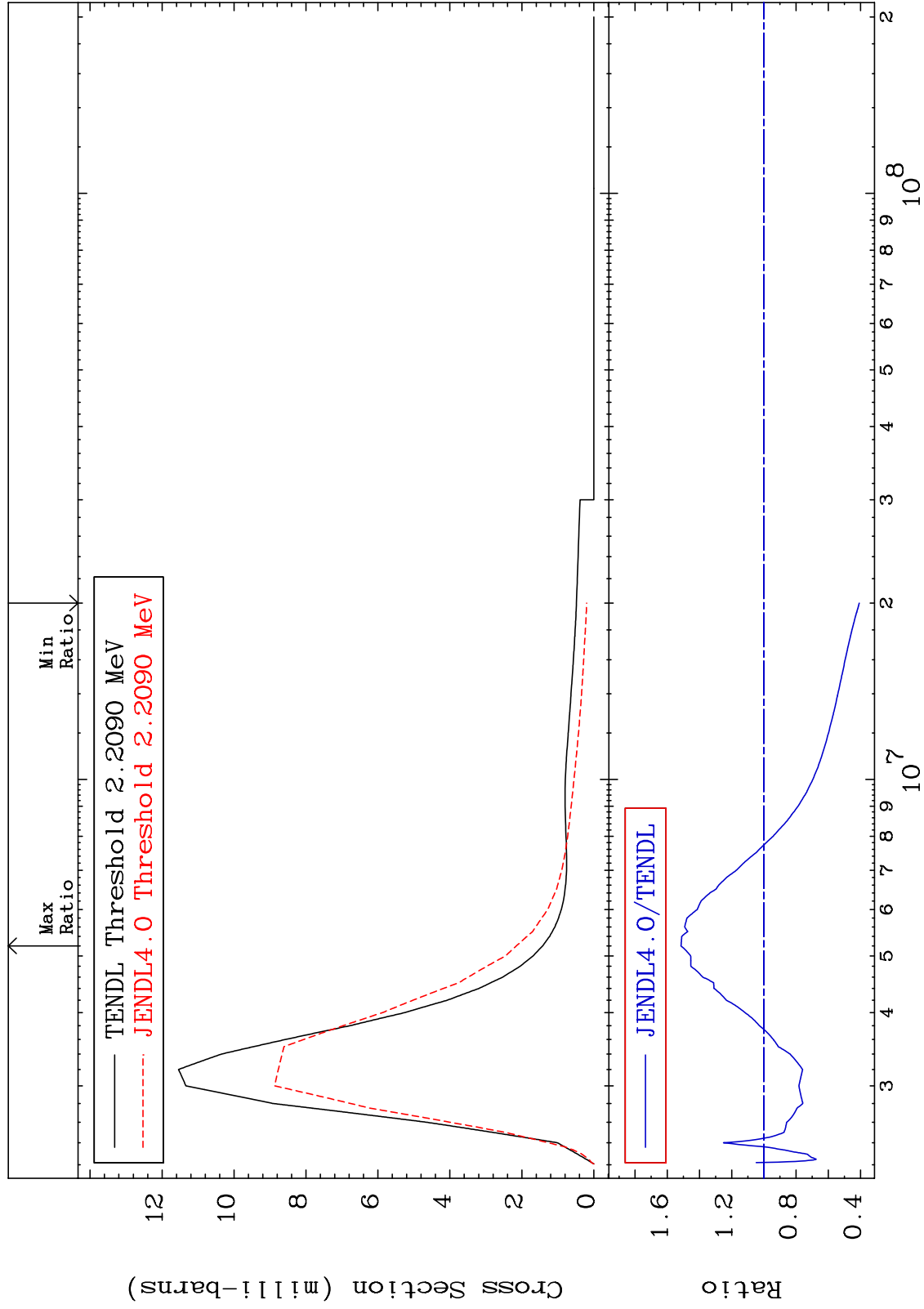
MAT 6237 MT= 77 (n,n') Level Cross Section 62-Sm-148
 -16.05 To 9999. %



MAT 6237

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

62-Sm-148
-59.27 To 51.45 %



40

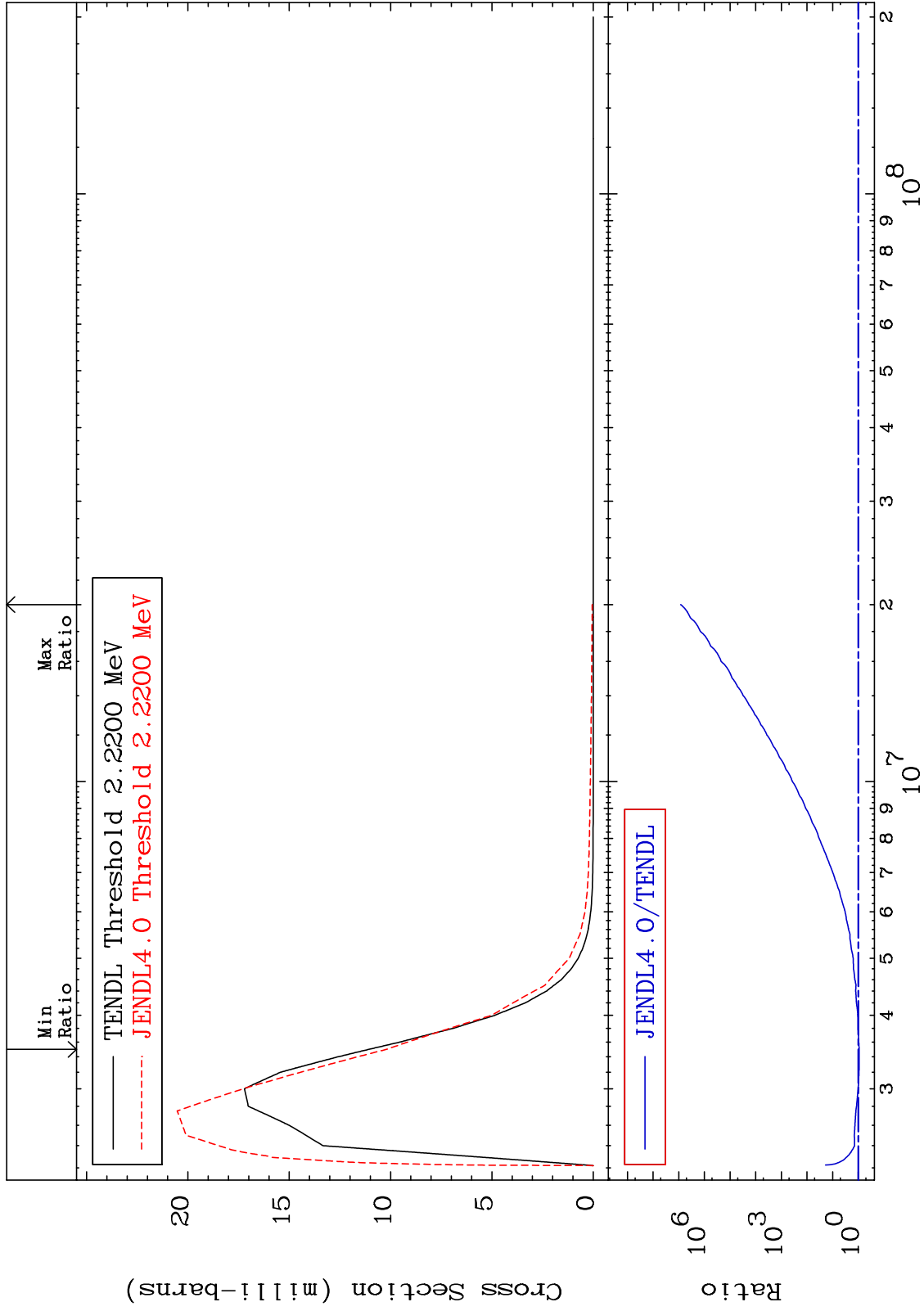
Incident Energy (eV)

62-Sm-148

MAT 6237

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

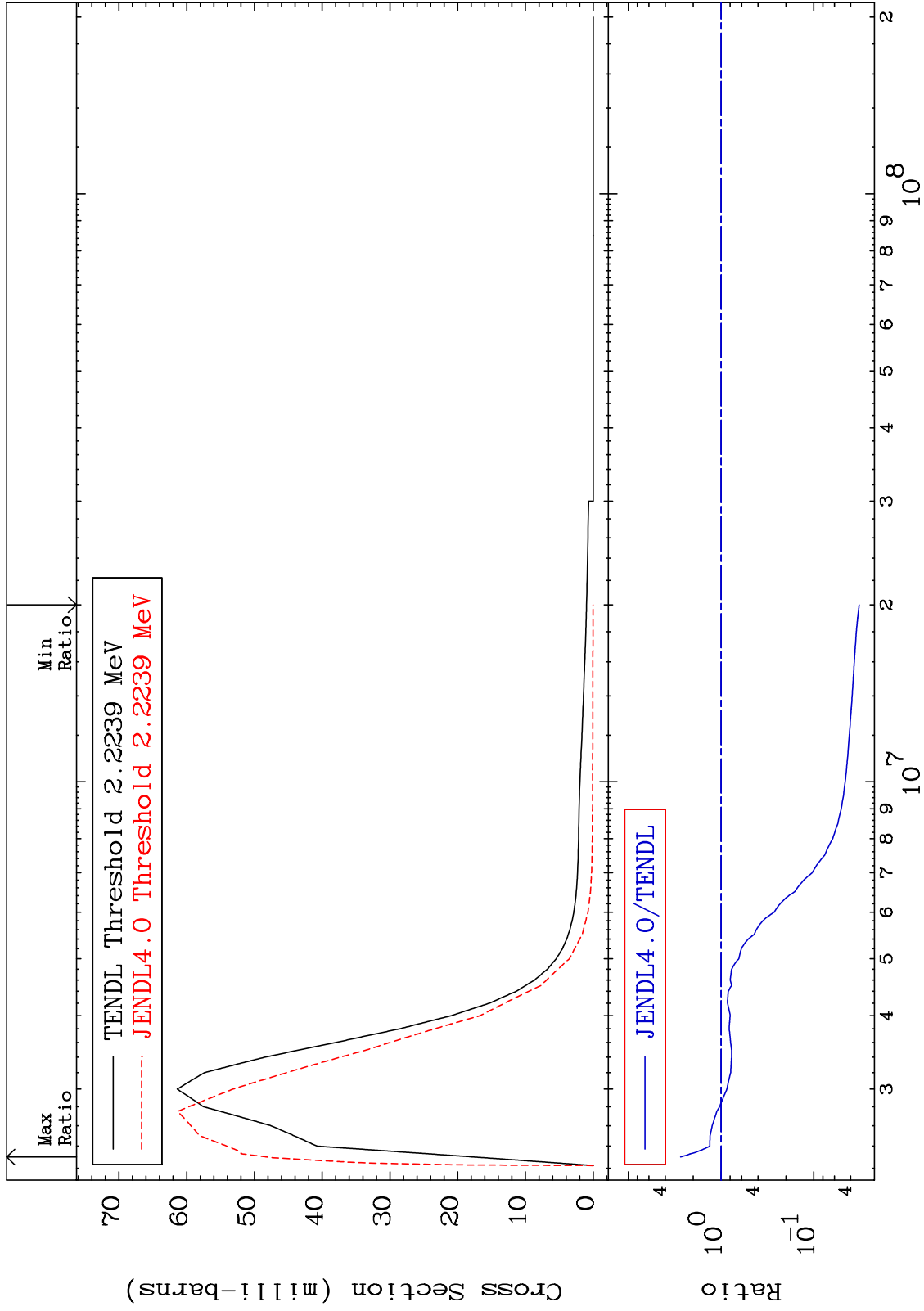
62-Sm-148
-7.833 To 9999. %



MAT 6237

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

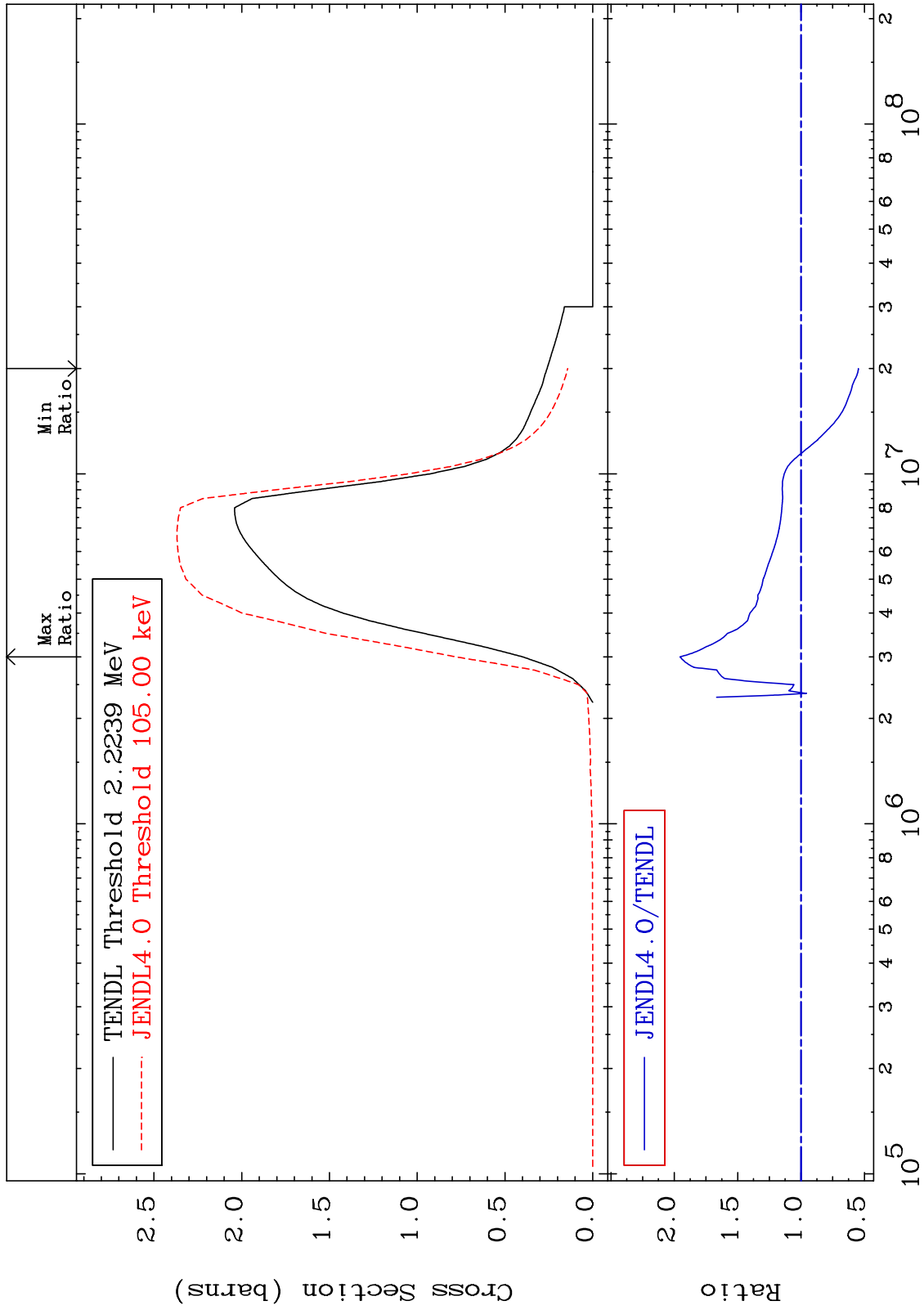
62-Sm-148
-96.76 To 173.3 %



MAT 6237

(n, n') Continuum
Cross Section

62-Sm-148
-45.30 To 95.48 %



Incident Energy (eV)

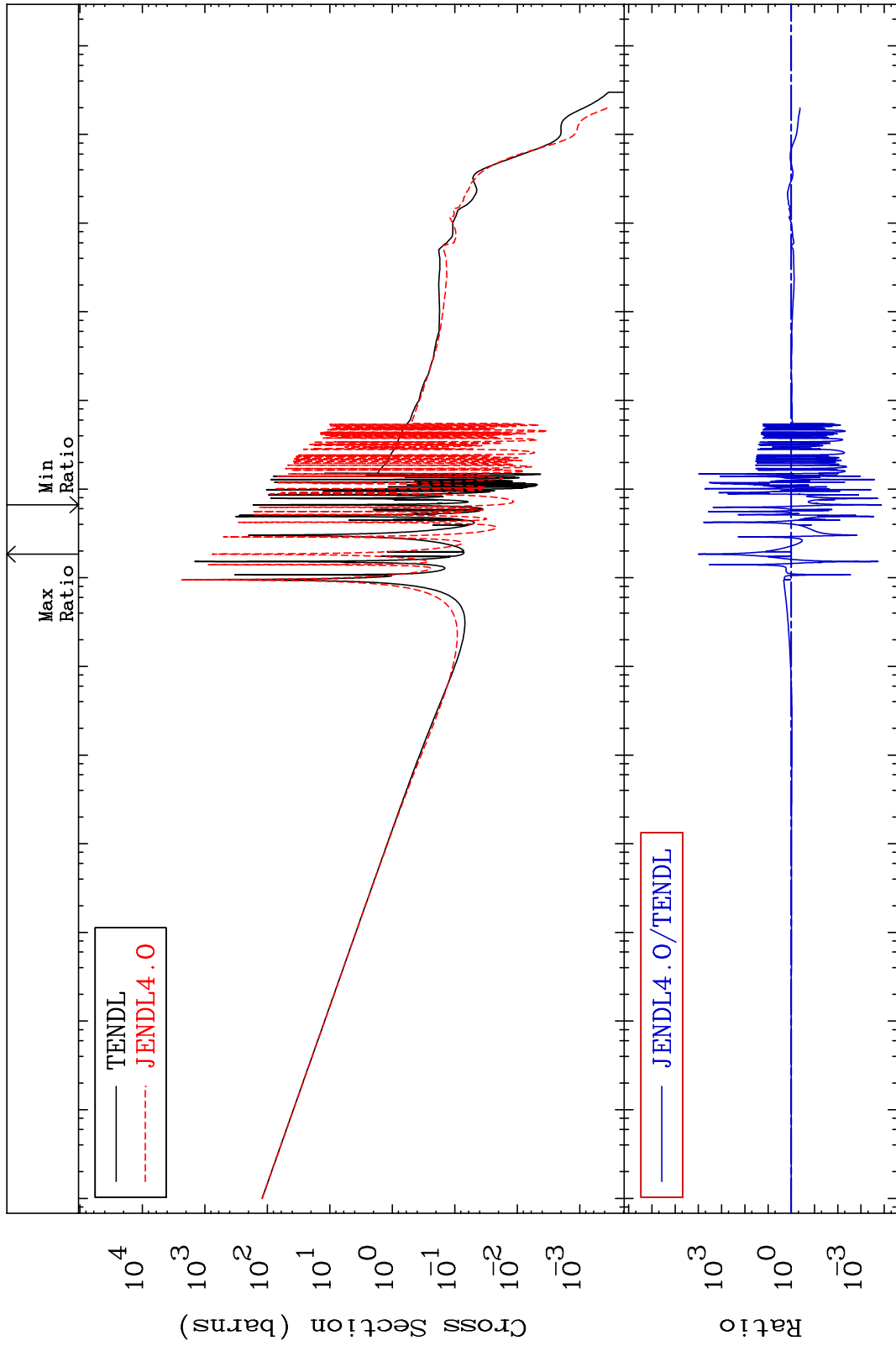
62-Sm-148

43

MAT 6237

(n, γ)
Cross Section

62-Sm-148
-99.99 To 9999. %



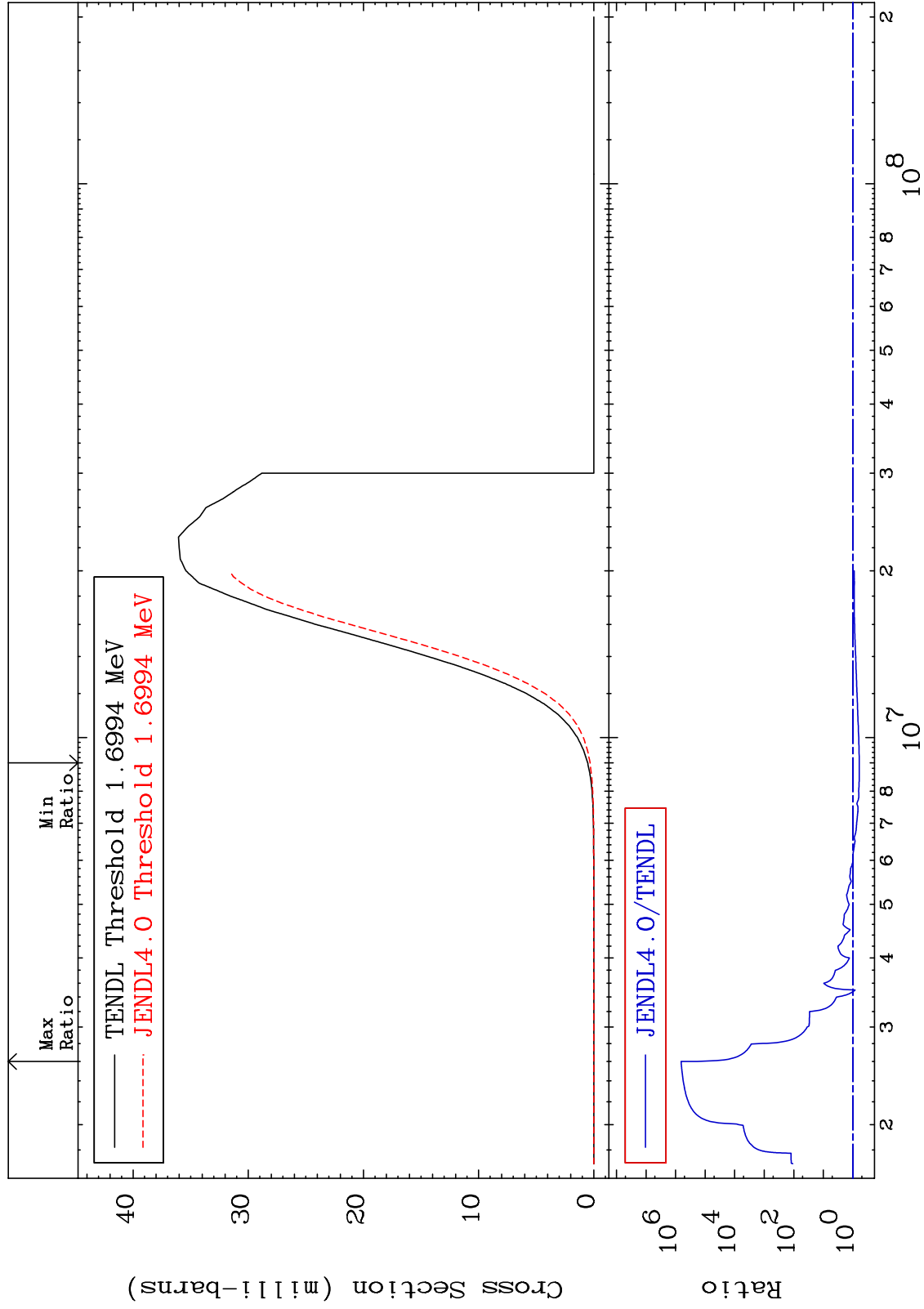
MAT 6237

(n,p)

62-Sm-148

Cross Section

-39.24 To 9999. %



45

Incident Energy (eV)

62-Sm-148

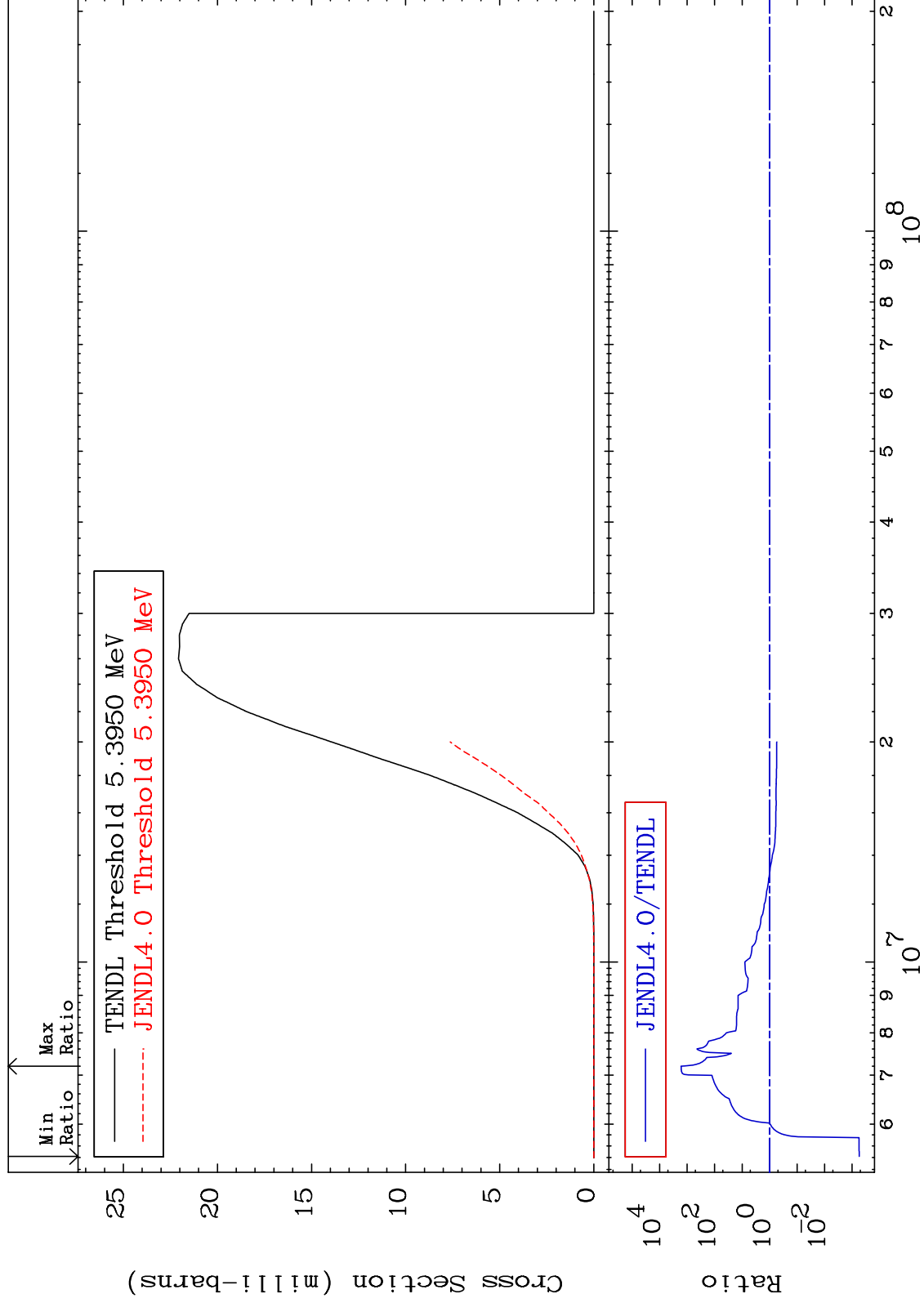
MAT 6237

(n, d)

62-Sm-148

Cross Section

-99.95 To 9999. %



46

Incident Energy (eV)

62-Sm-148

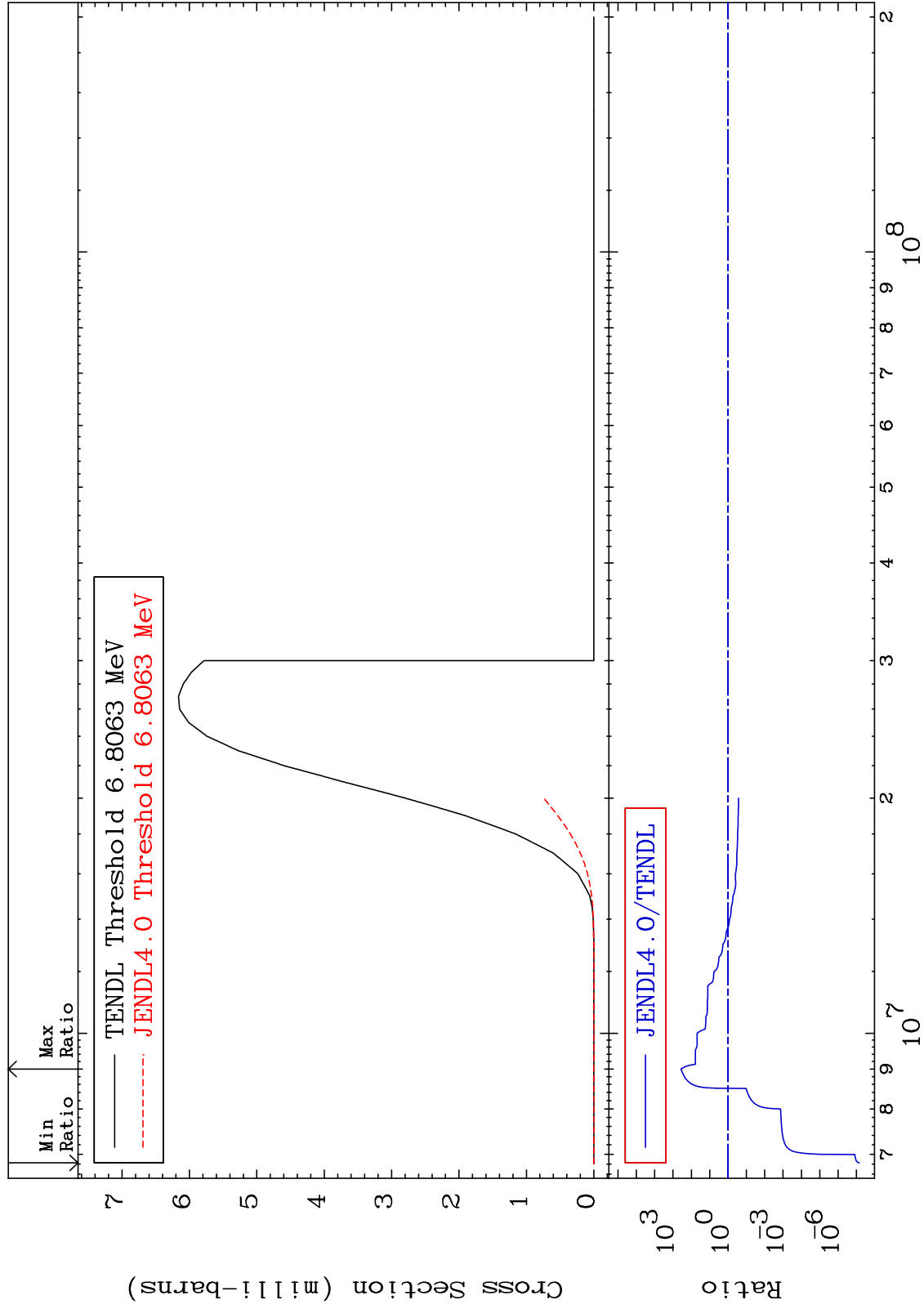
MAT 6237

(n, t)

62-Sm-148

Cross Section

-100.0 To 9999. %



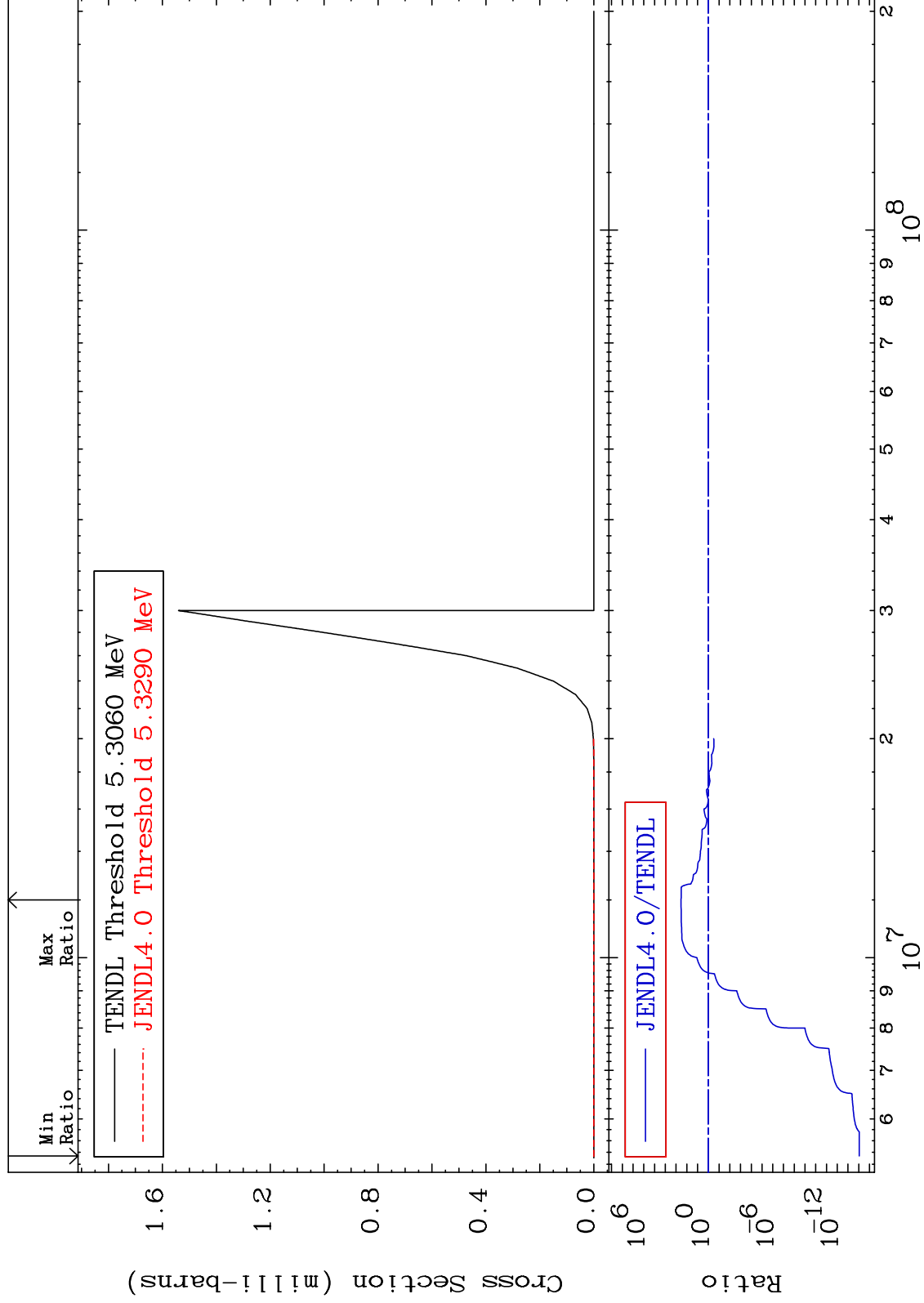
MAT 6237

(n, He-3)

62-Sm-148

Cross Section

-100.0 To 9999. %



48

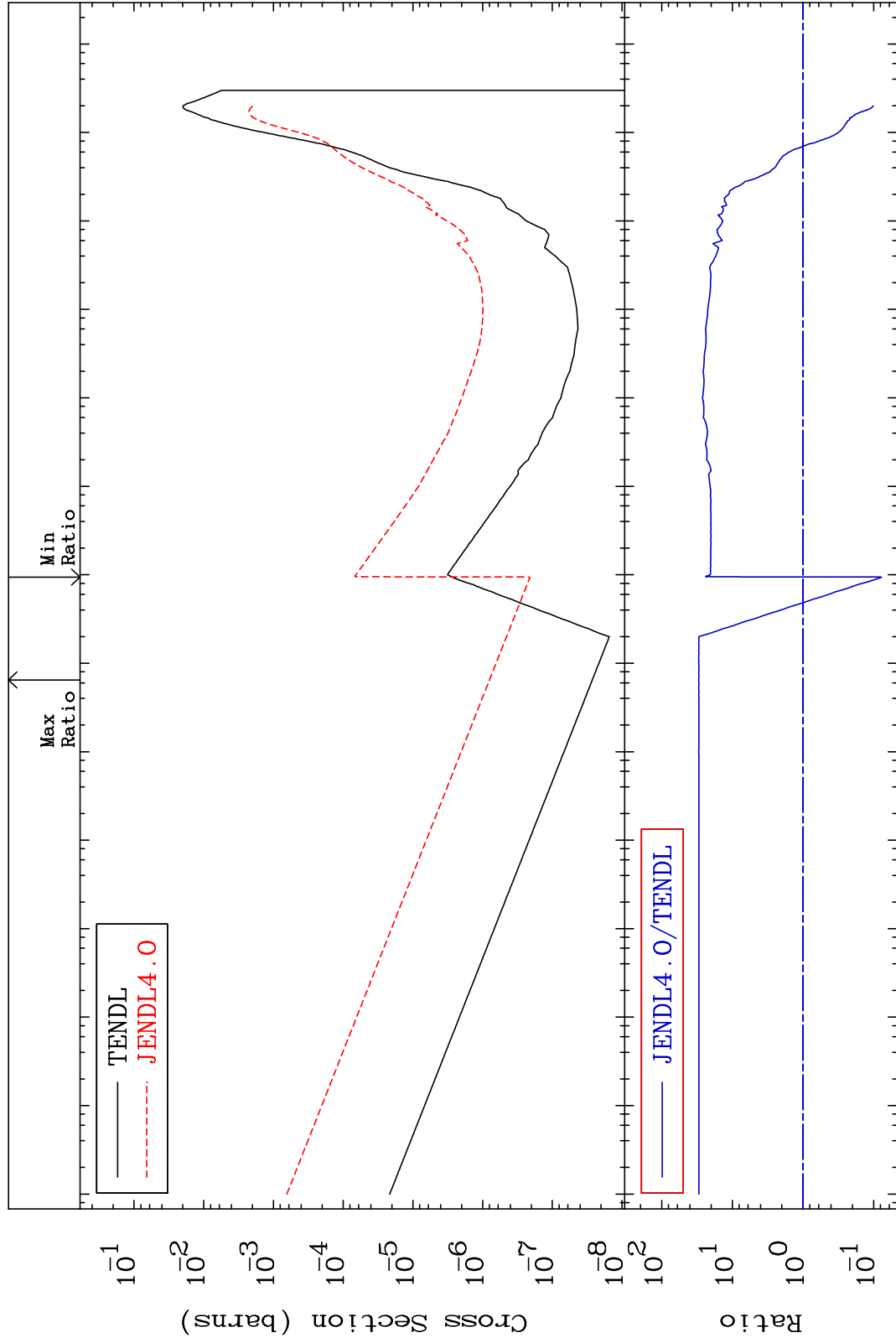
Incident Energy (eV)

62-Sm-148

MAT 6237

(n, α)
Cross Section

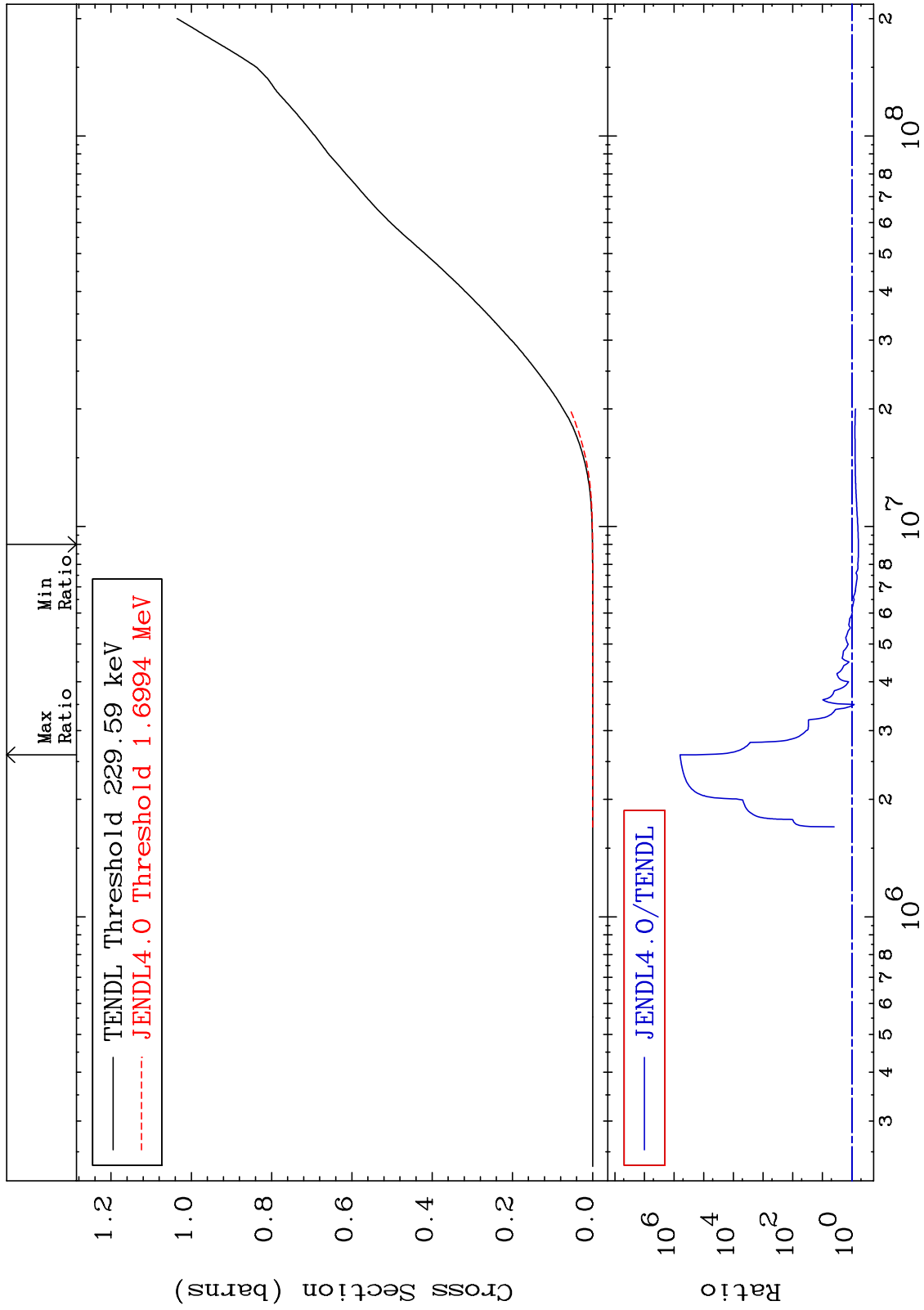
62-Sm-148
-92.28 To 2895. %



MAT 6237

Hydrogen Production
Cross Section

62-Sm-148
-39.24 To 9999. %



50

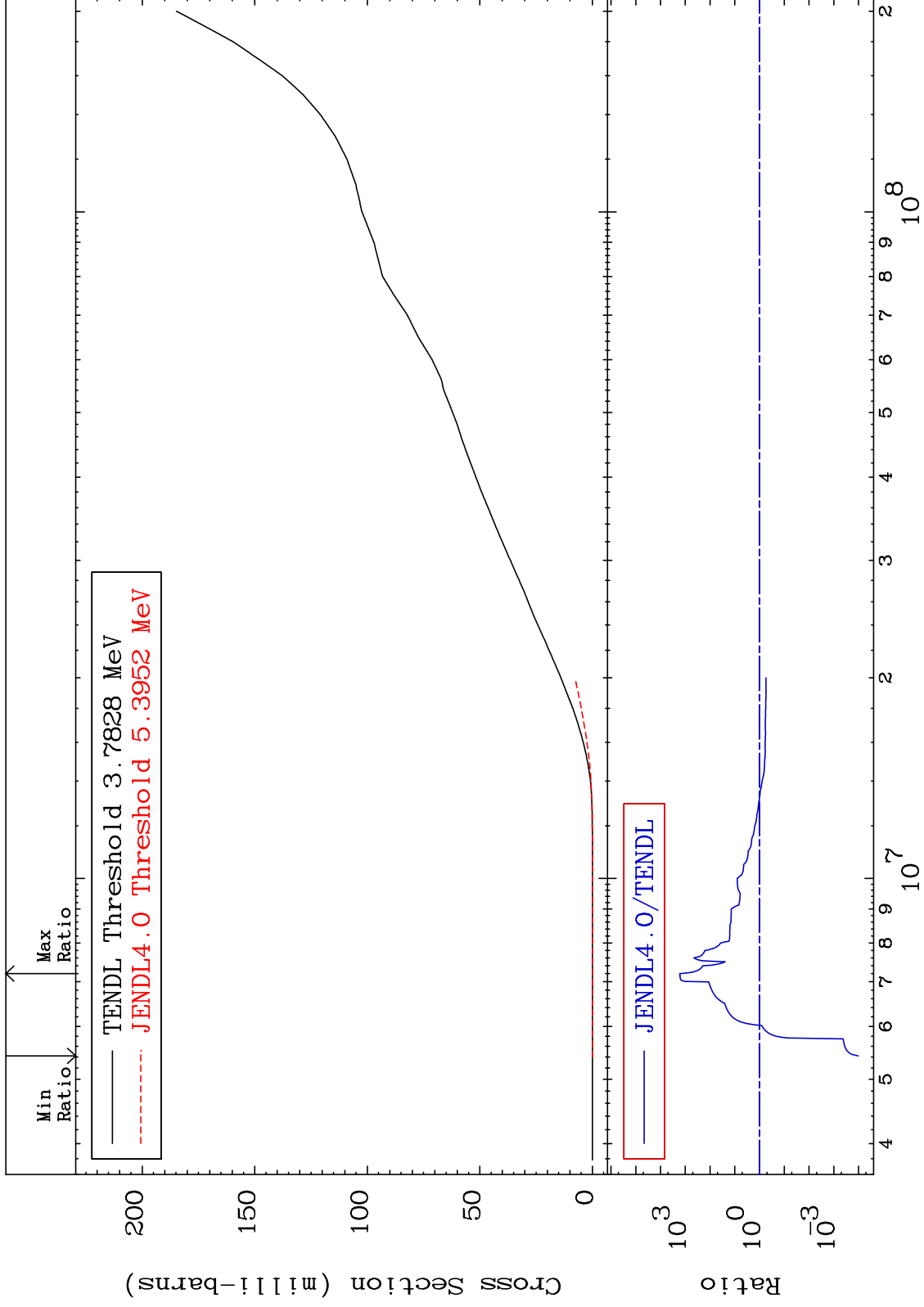
Incident Energy (eV)

62-Sm-148

MAT 6237

Deuterium Production
Cross Section

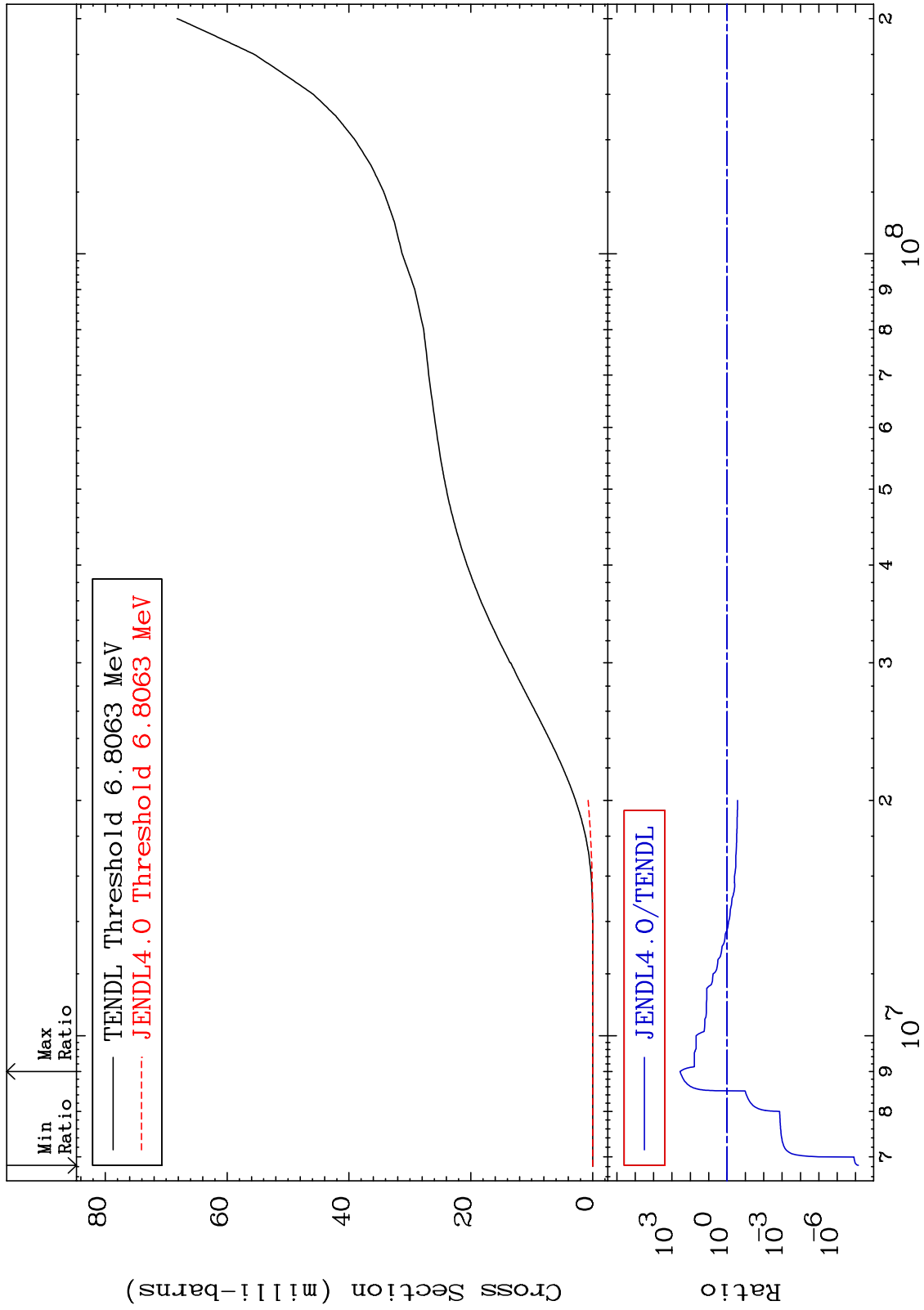
62-Sm-148
-99.99 To 9999. %



MAT 6237

Tritium Production
Cross Section

62-Sm-148
-100.0 To 9999. %



52

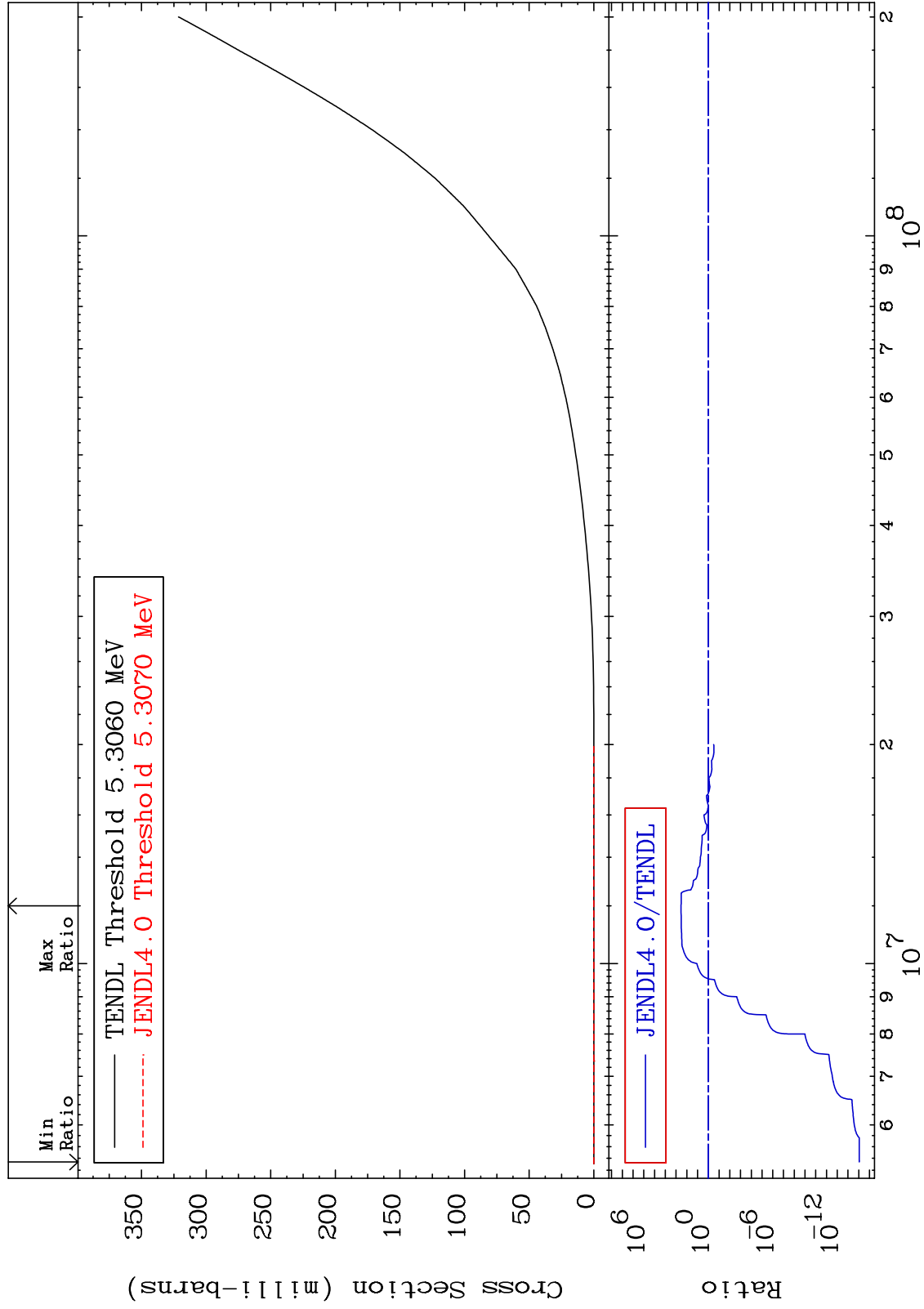
Incident Energy (eV)

62-Sm-148

MAT 6237

He-3 Production
Cross Section

62-Sm-148
-100.0 To 9999. %



53

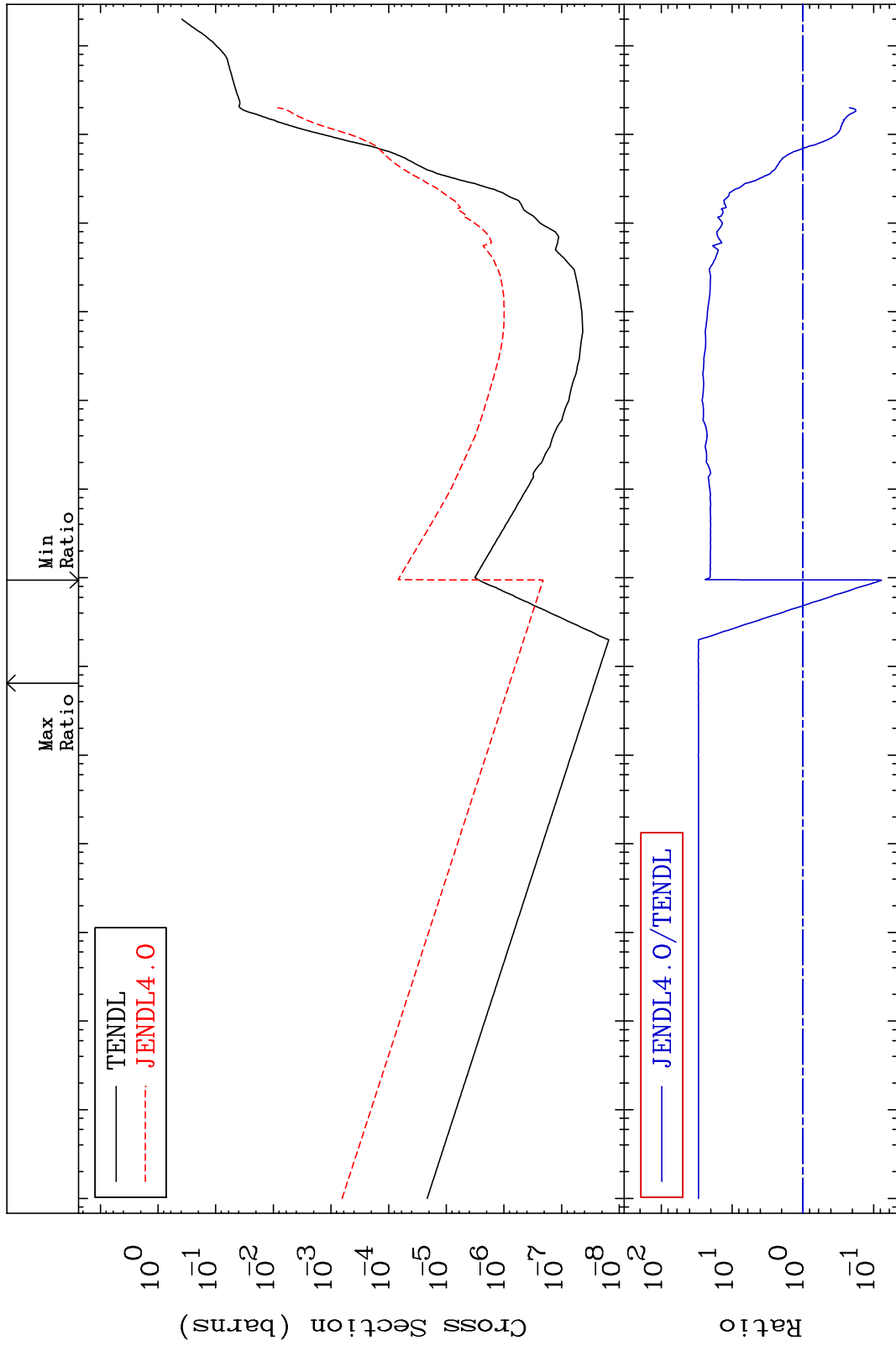
Incident Energy (eV)

62-Sm-148

MAT 6237

He-4 Production
Cross Section

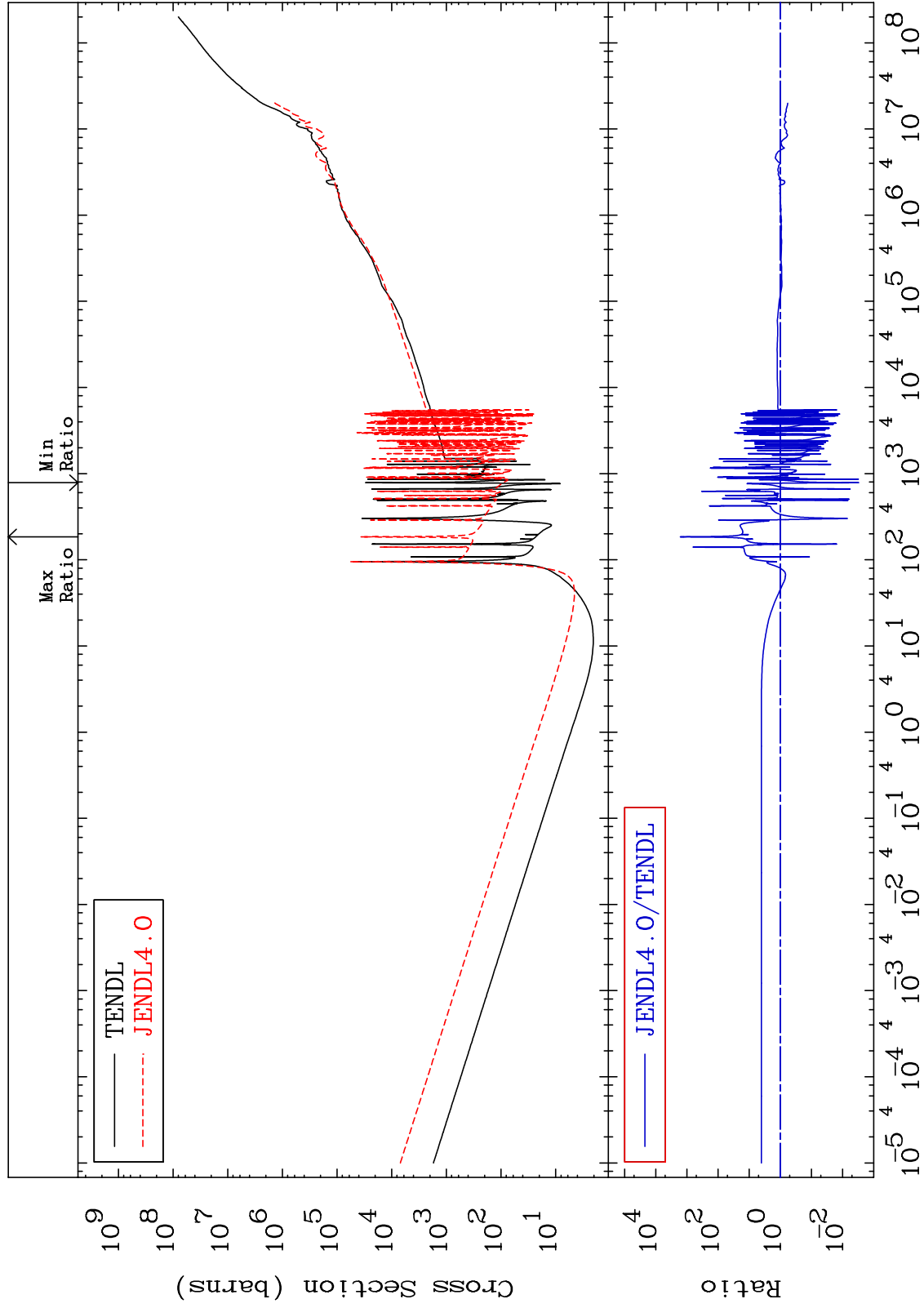
62-Sm-148
-92.28 To 2895. %



MAT 6237

Kerma total (eV-barns)
Cross Section

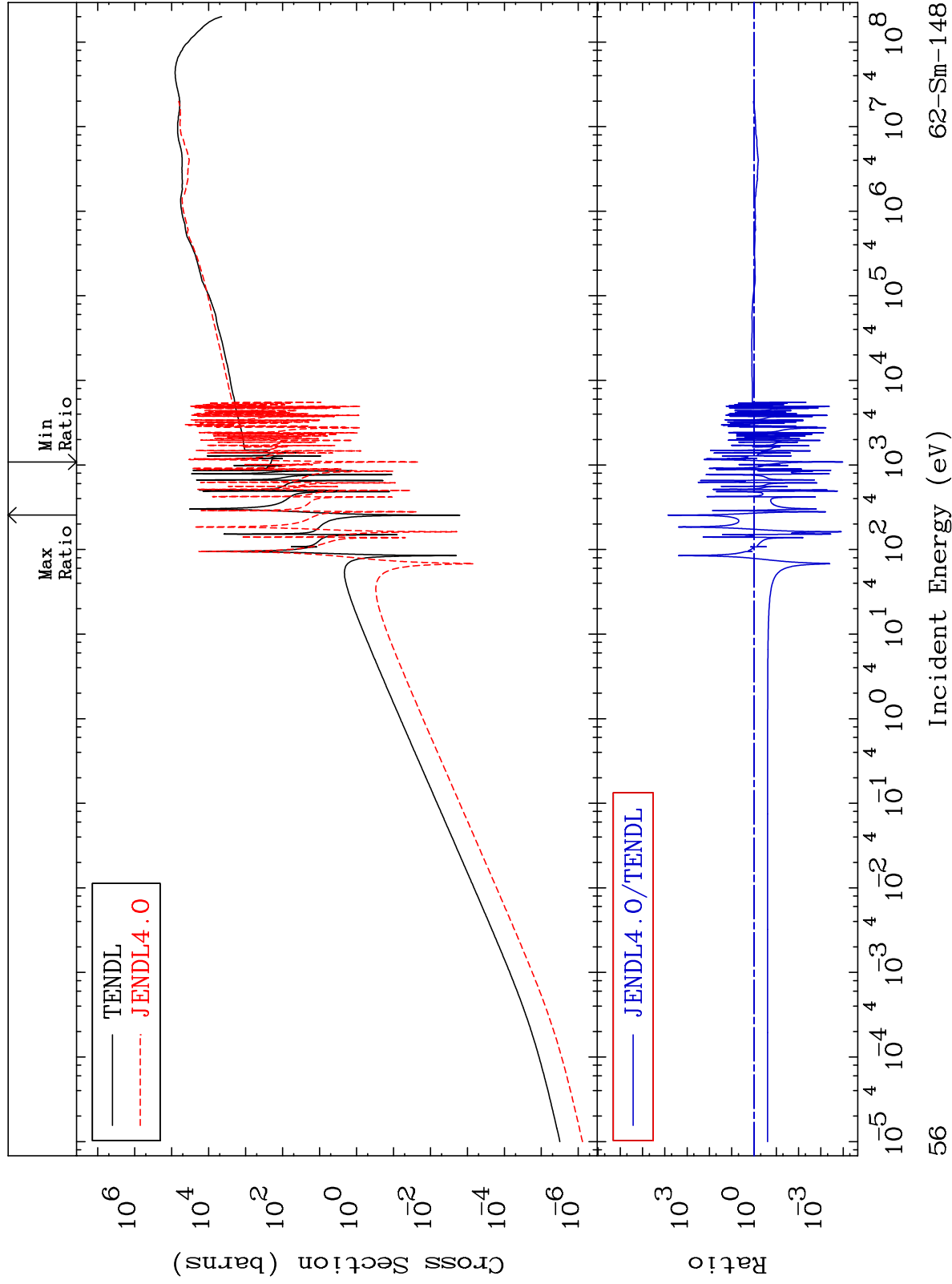
62-Sm-148
-99.69 To 9999. %



MAT 6237

Kerma elastic
Cross Section

62-Sm-148
-99.99 To 9999. %



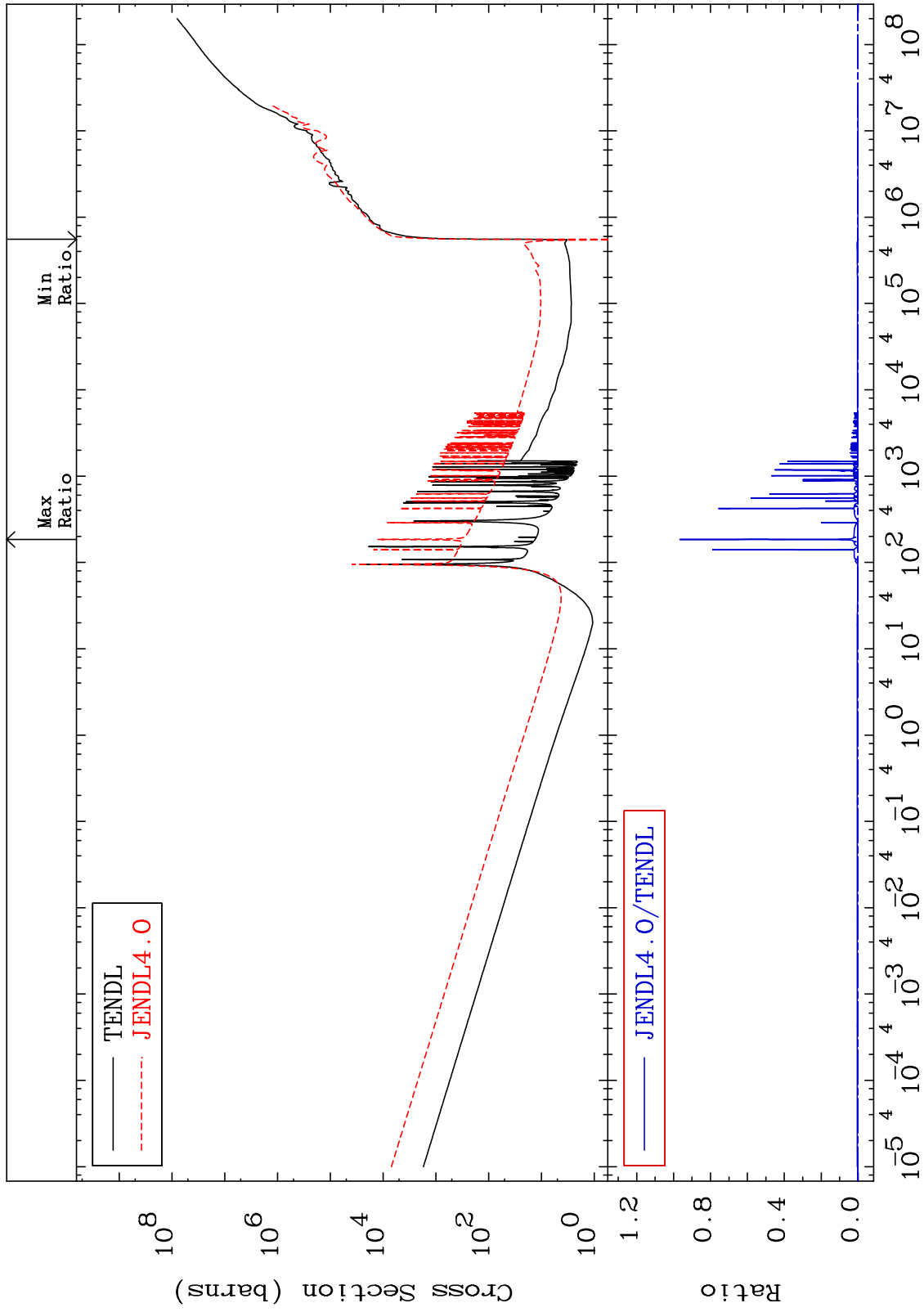
56

62-Sm-148

MAT 6237

Kerma non-elastic (all but mt2)
Cross Section

62-Sm-148
-258.0 To 9999. %



57

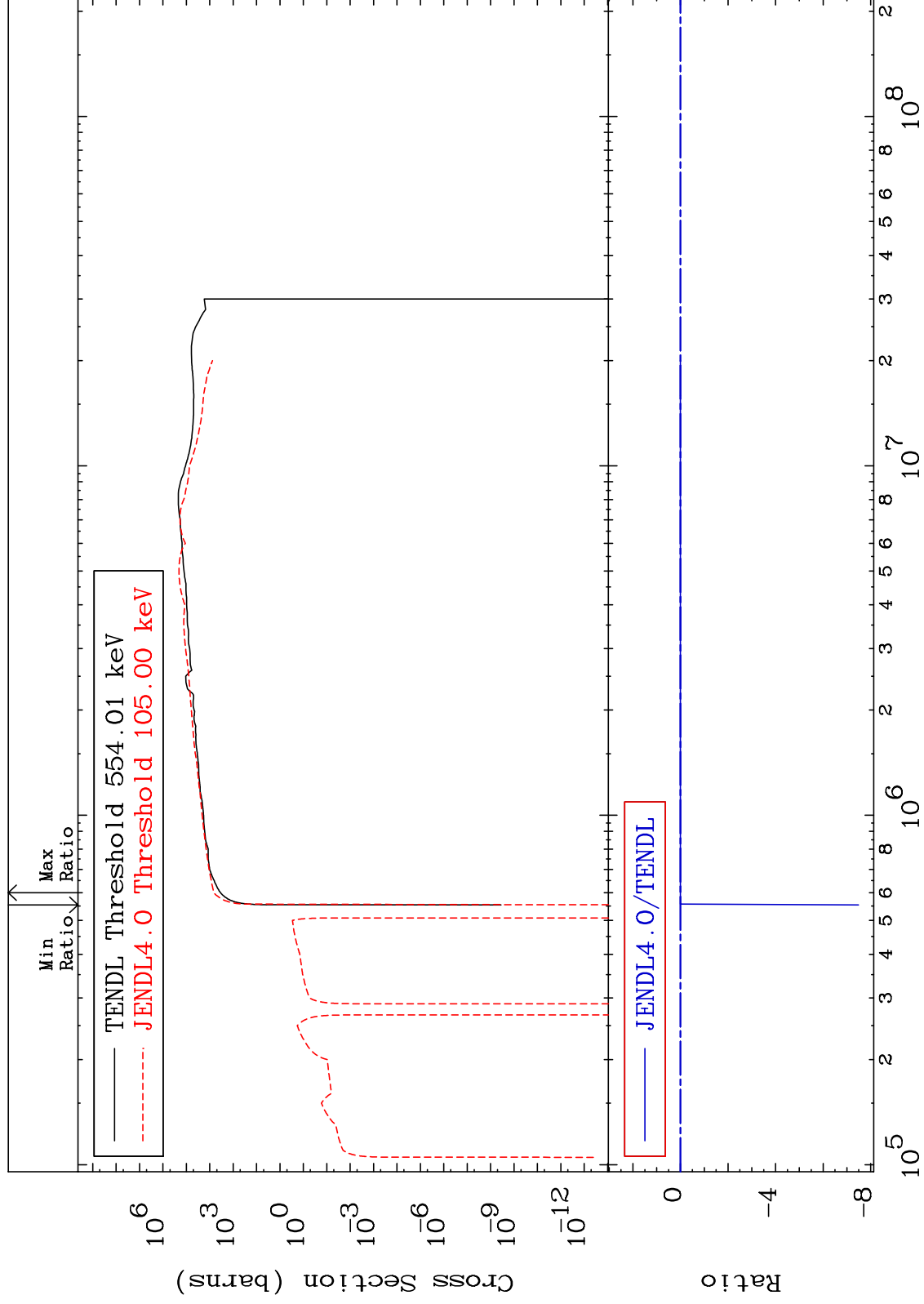
Incident Energy (eV)

62-Sm-148

MAT 6237

Kerma inelastic (mt51-91)
Cross Section

62-Sm-148
-9999. To 92.92 %



58

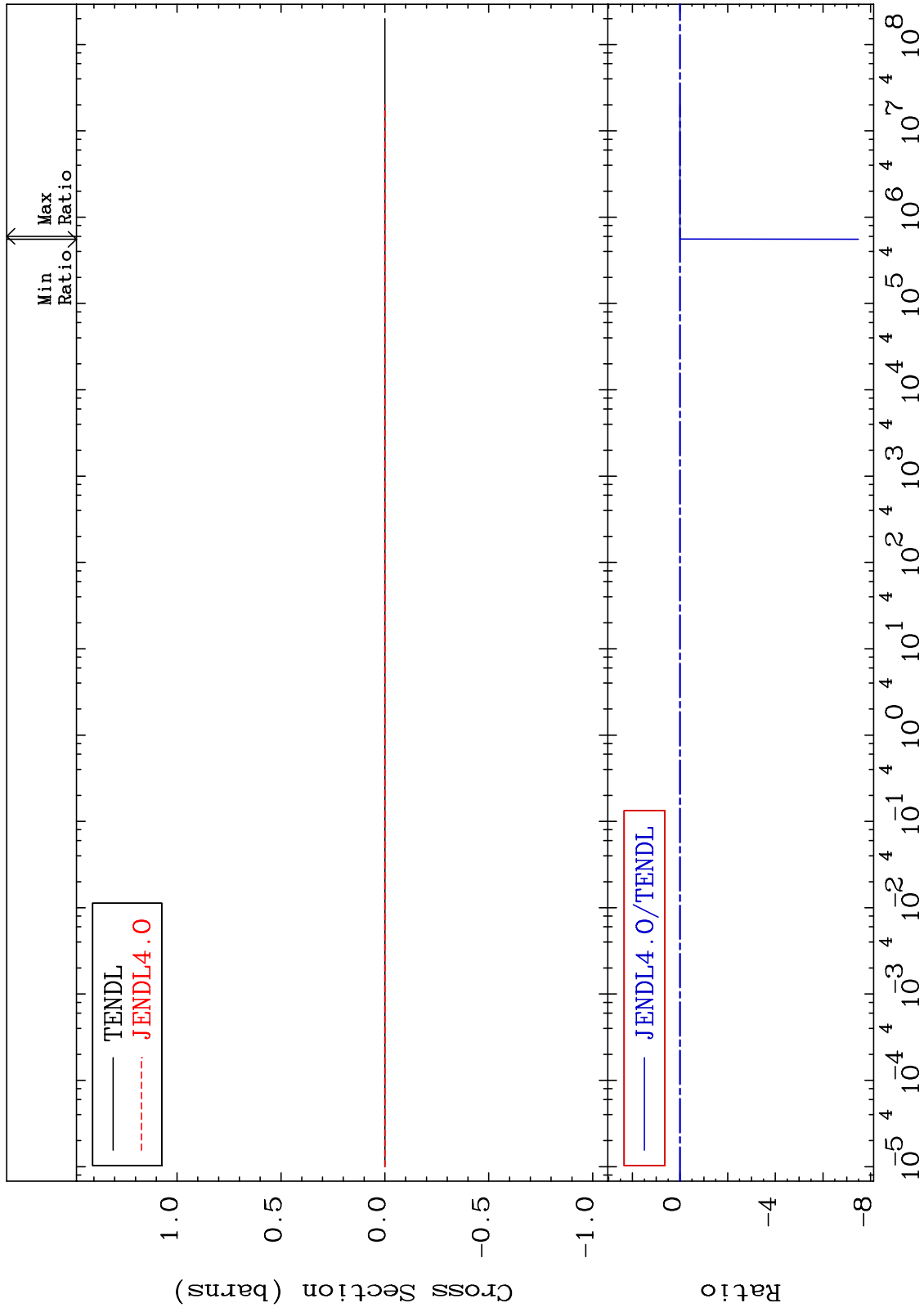
Incident Energy (eV)

62-Sm-148

MAT 6237

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

62-Sm-148
-9999. To 92.92 %



59

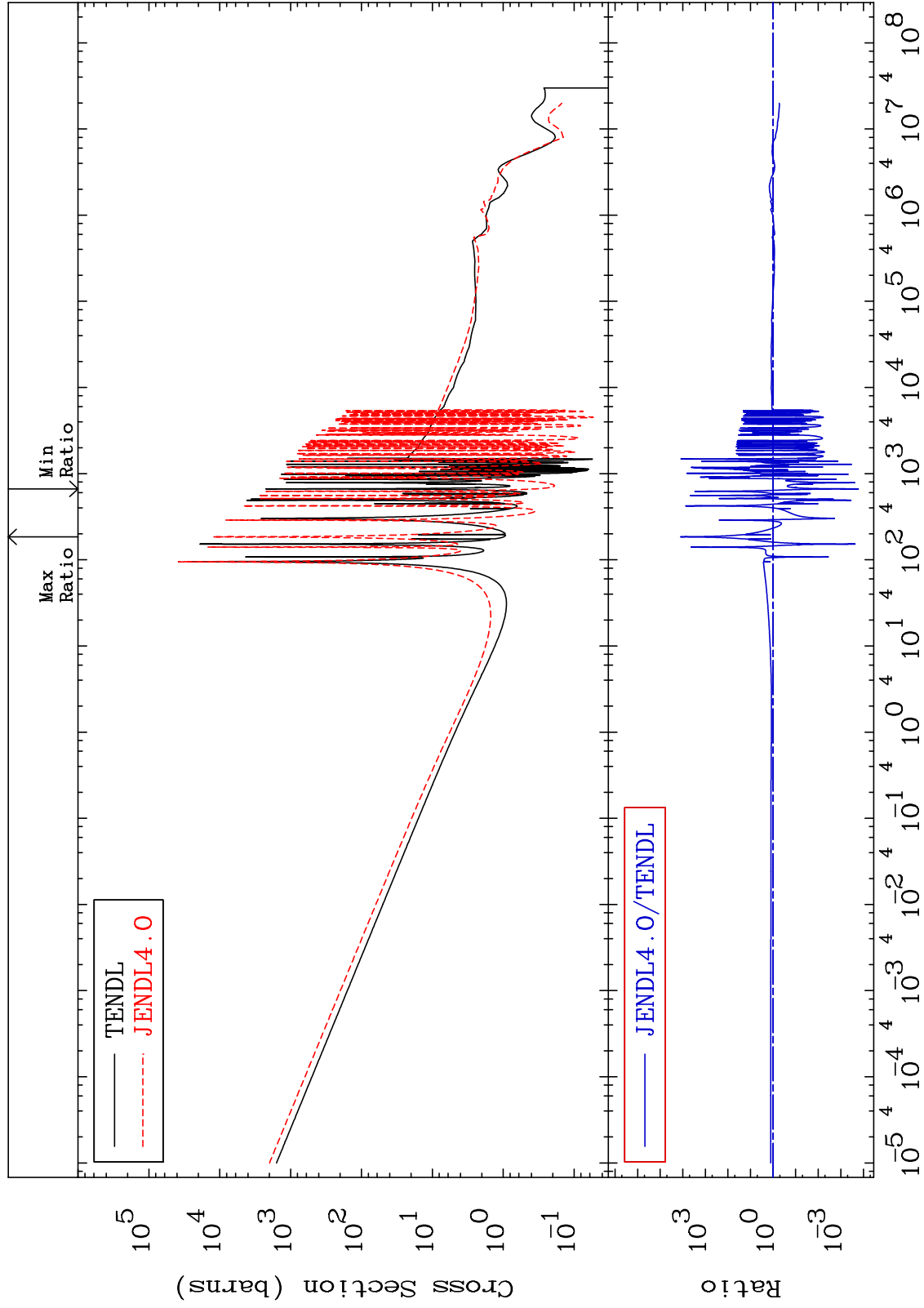
Incident Energy (eV)

62-Sm-148

MAT 6237

Kerma capture (mt102)
Cross Section

62-Sm-148
-99.98 To 9999. %



60

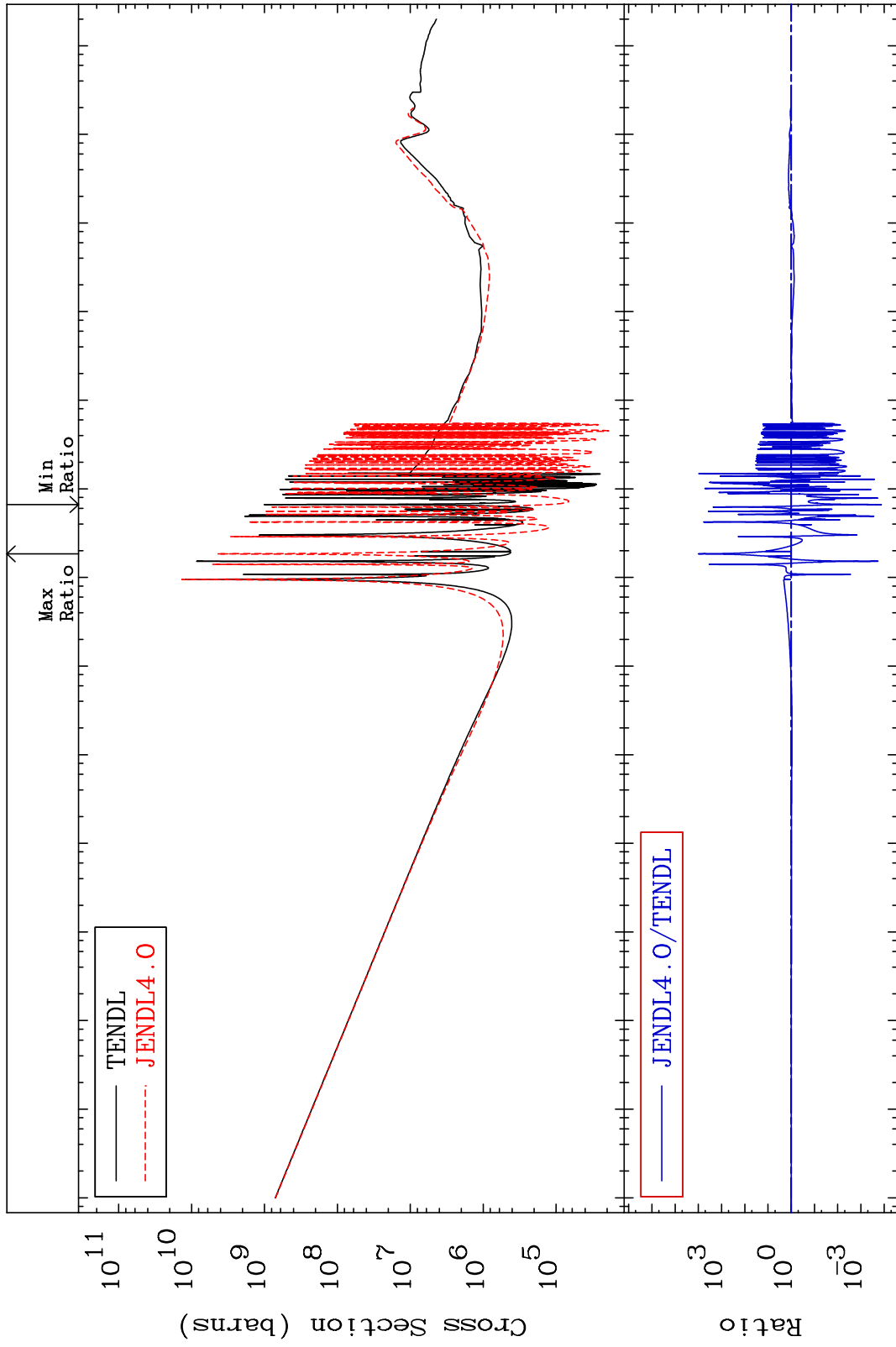
Incident Energy (eV)

62-Sm-148

MAT 6237

Total photon (eV-barns)
Cross Section

62-Sm-148
-99.99 To 9999. %



61

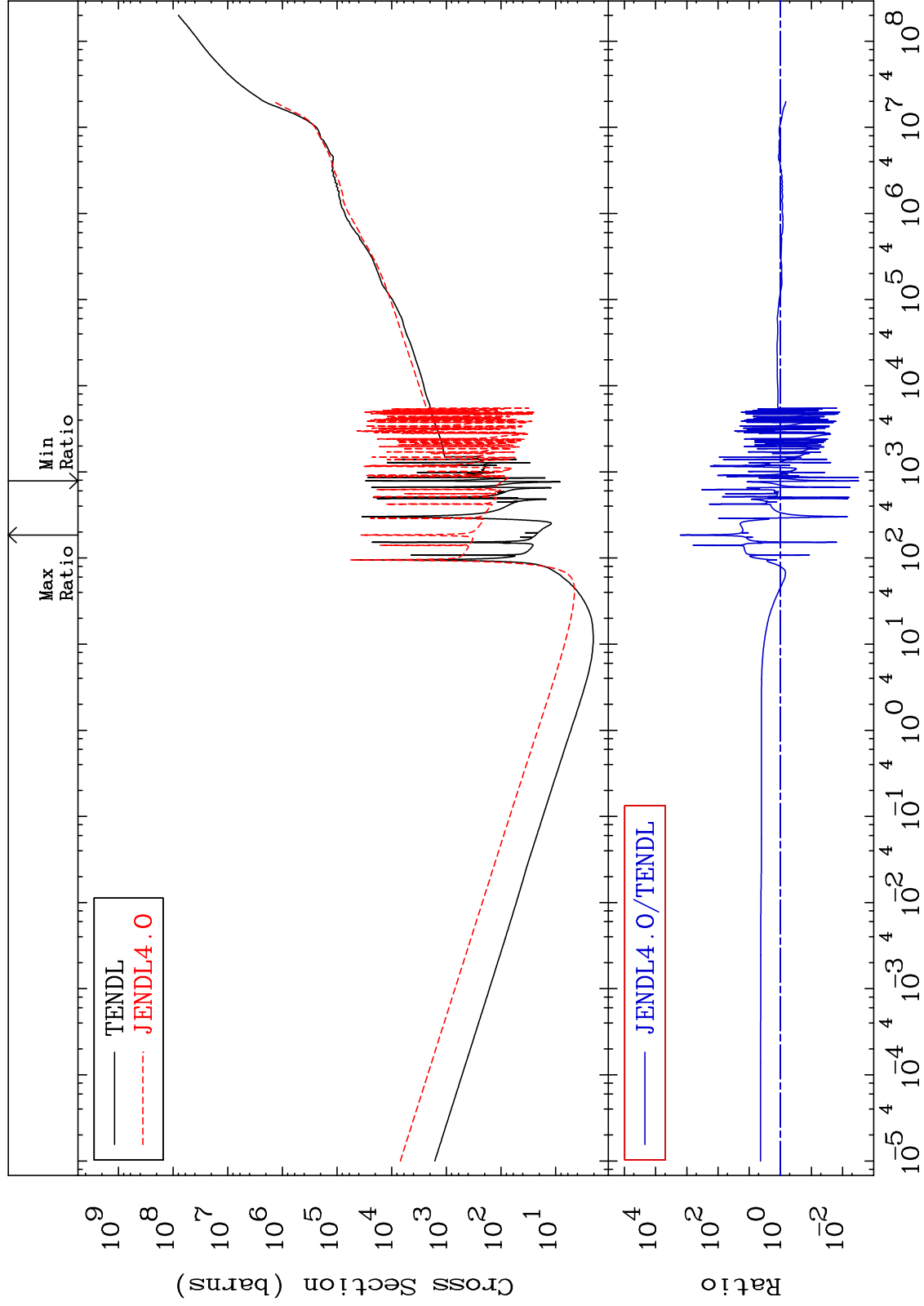
Incident Energy (eV)

62-Sm-148

MAT 6237

Total kinematic kerma (high limit)
Cross Section

62-Sm-148
-99.69 To 9999. %



62

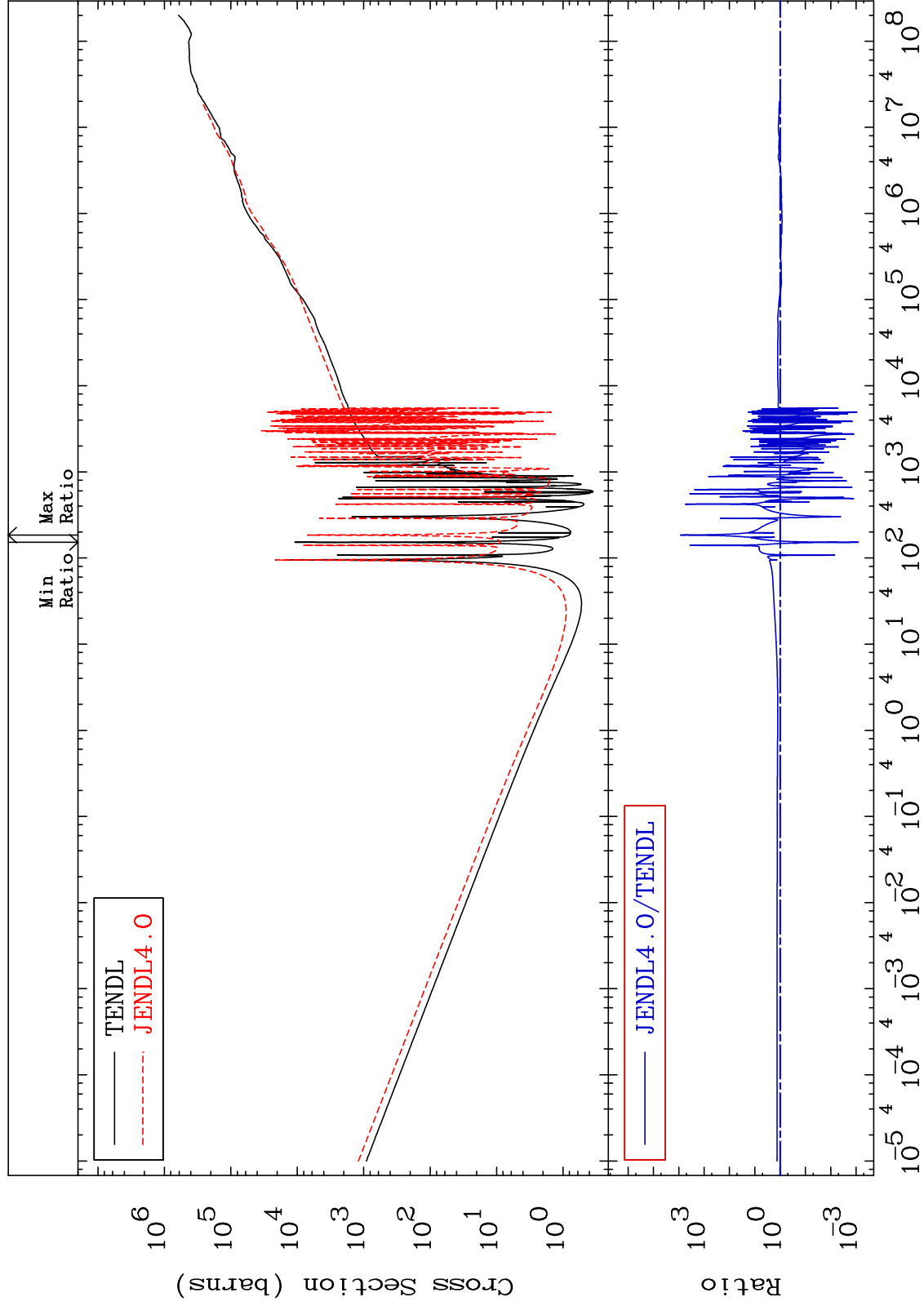
Incident Energy (eV)

62-Sm-148

MAT 6237

Dpa total (eV-barns)
Cross Section

62-Sm-148
-99.92 To 9999. %



63

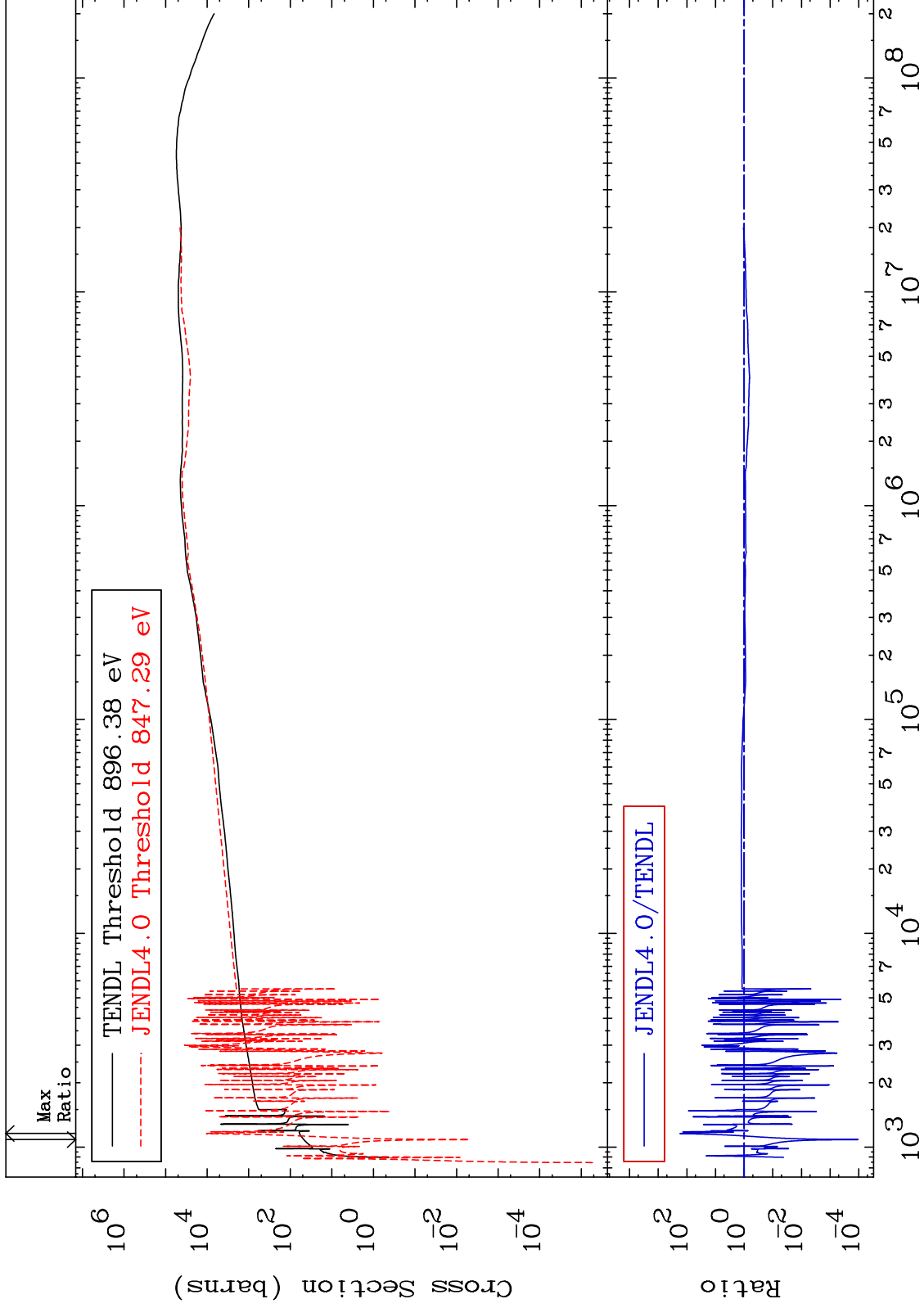
Incident Energy (eV)

62-Sm-148

MAT 6237

Dpa elastic (mt2)
Cross Section

62-Sm-148
-99.99 To 9999. %



64

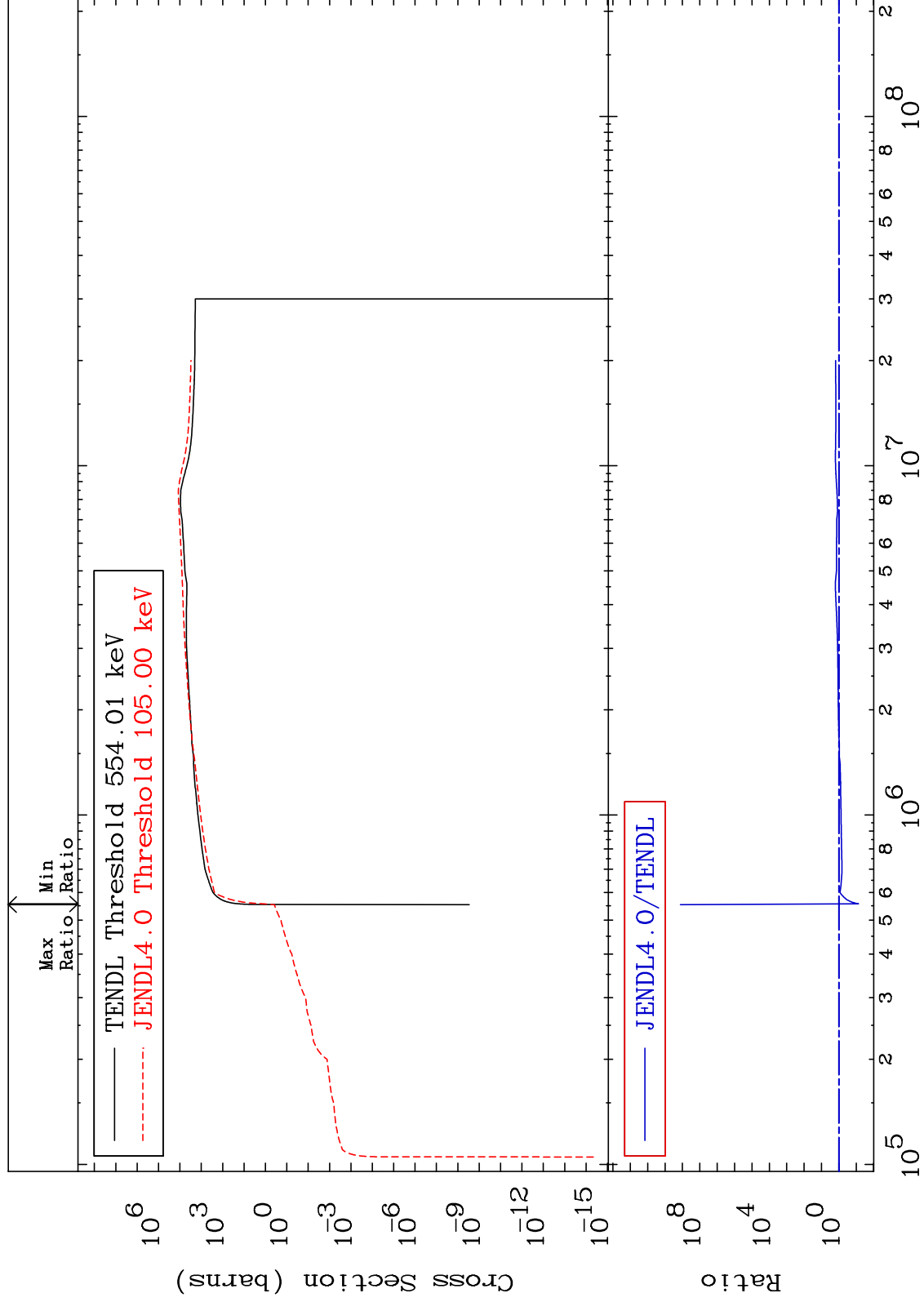
Incident Energy (eV)

62-Sm-148

MAT 6237

Dpa inelastic (mt51-91)
Cross Section

62-Sm-148
-92.63 To 9999. %



65

Incident Energy (eV)

62-Sm-148

MAT 6237

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-148
-99.92 To 9999. %

