

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

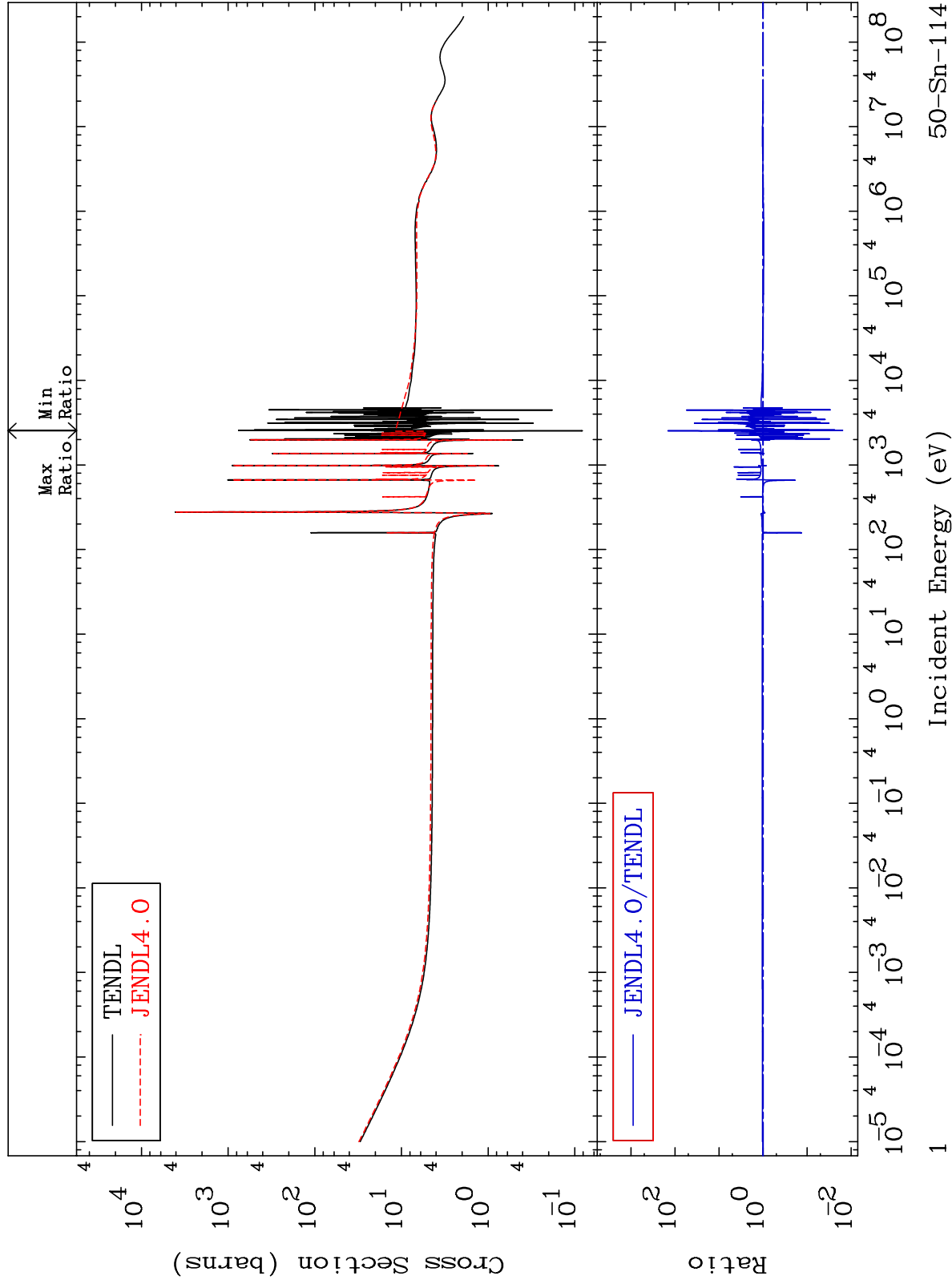
MAT 5031

Total

50-Sn-114

Cross Section

-98.46 To 9999. %



Incident Energy (eV)

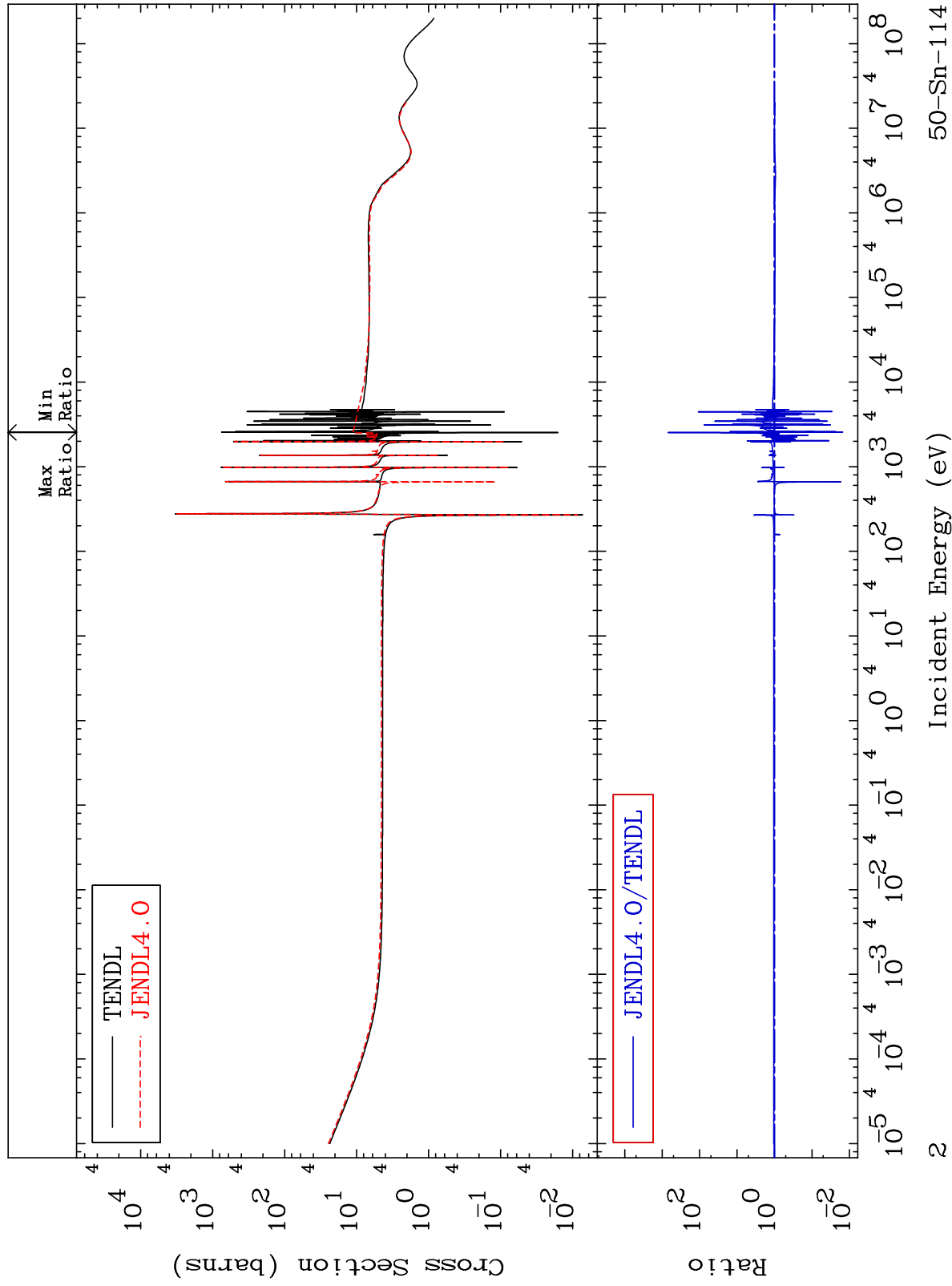
50-Sn-114

1

MAT 5031

Elastic
Cross Section

50-Sn-114
-98.51 To 9999. %



50-Sn-114

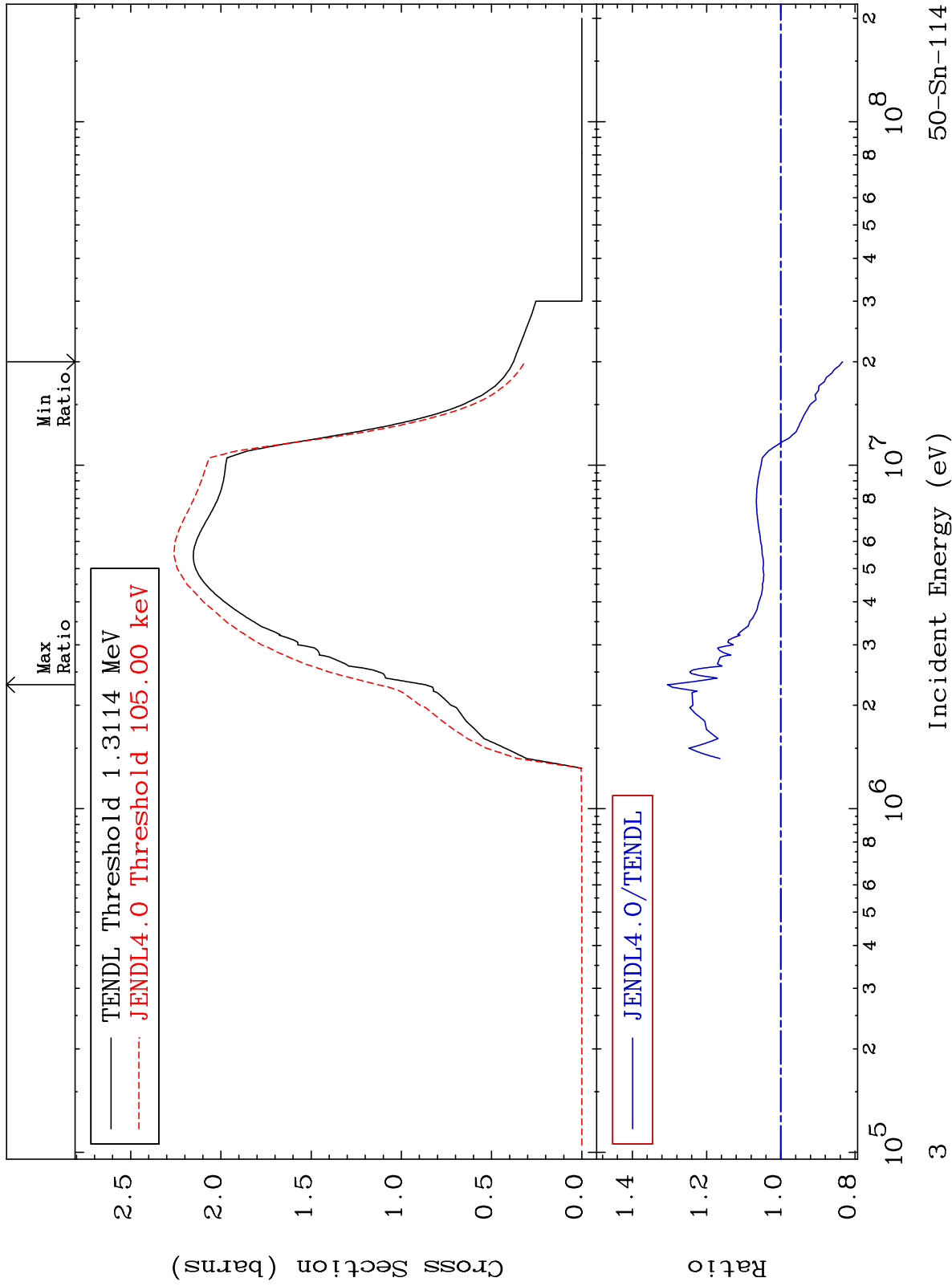
Incident Energy (eV)

2

MAT 5031

Inelastic
Cross Section

50-Sn-114
-16.67 To 30.51 %



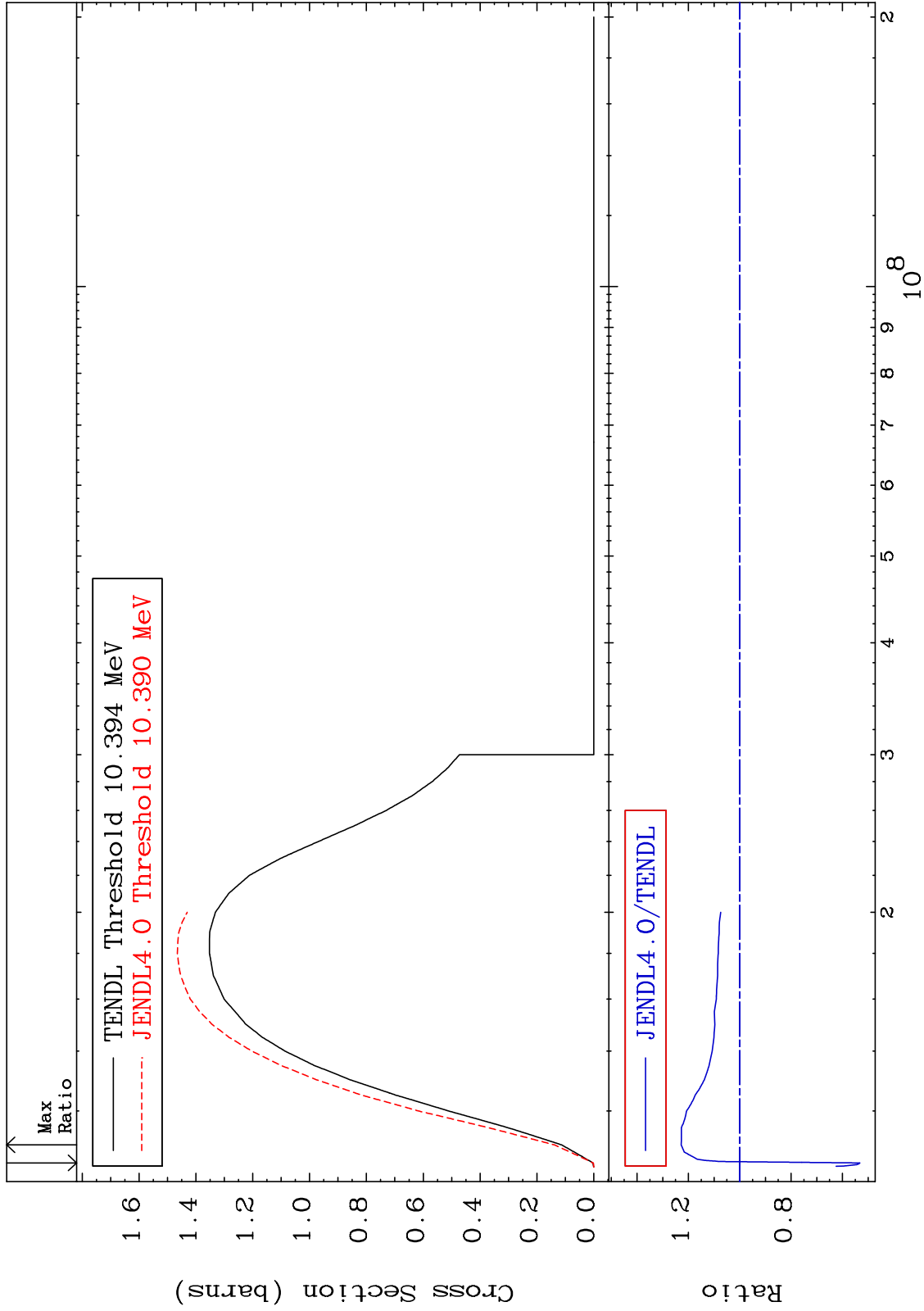
MAT 5031

(n,2n)

50-Sn-114

Cross Section

-46.81 To 22.79 %



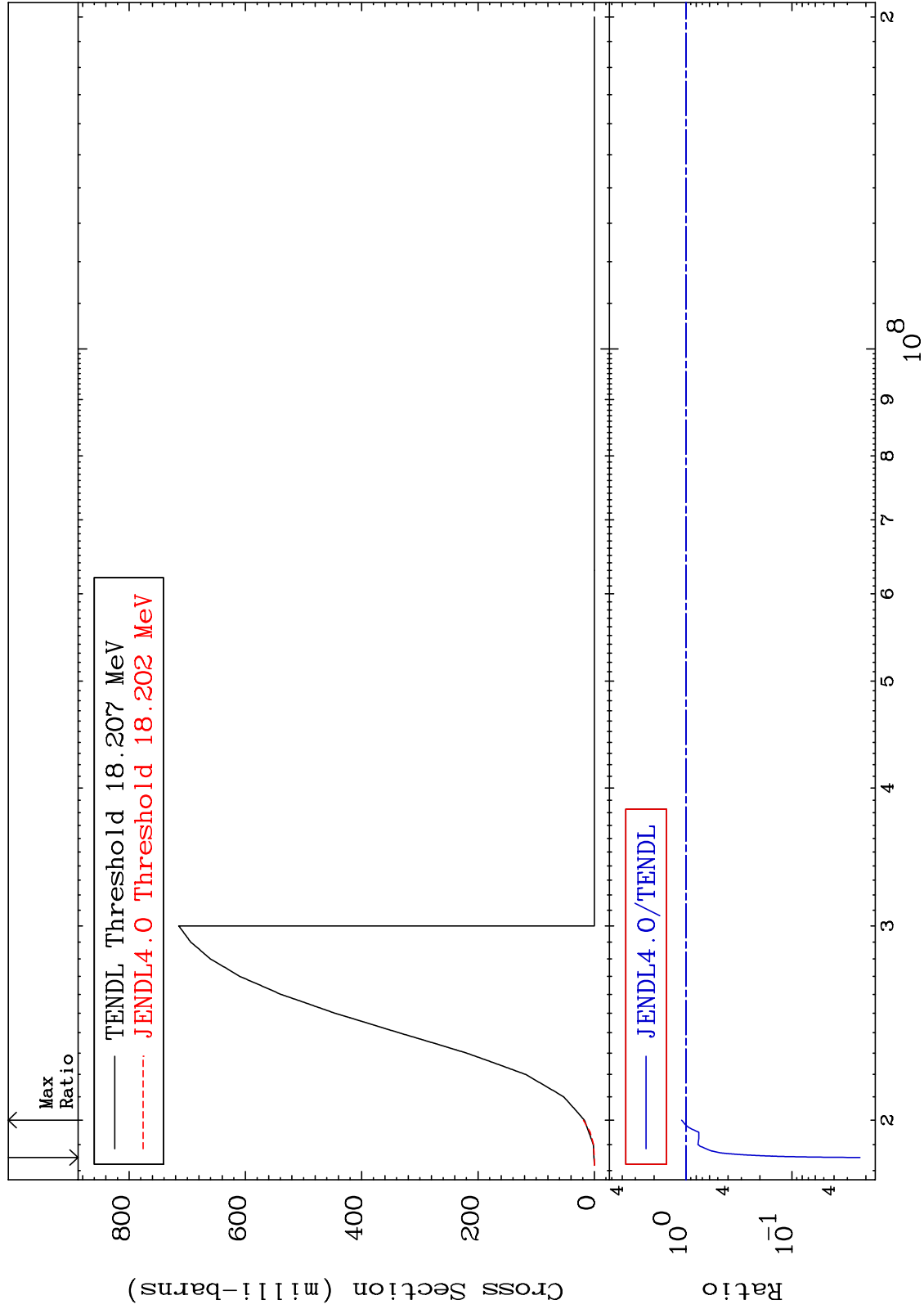
MAT 5031

(n,3n)

50-Sn-114

Cross Section

-97.73 To 9.770 %



5

Incident Energy (eV)

50-Sn-114

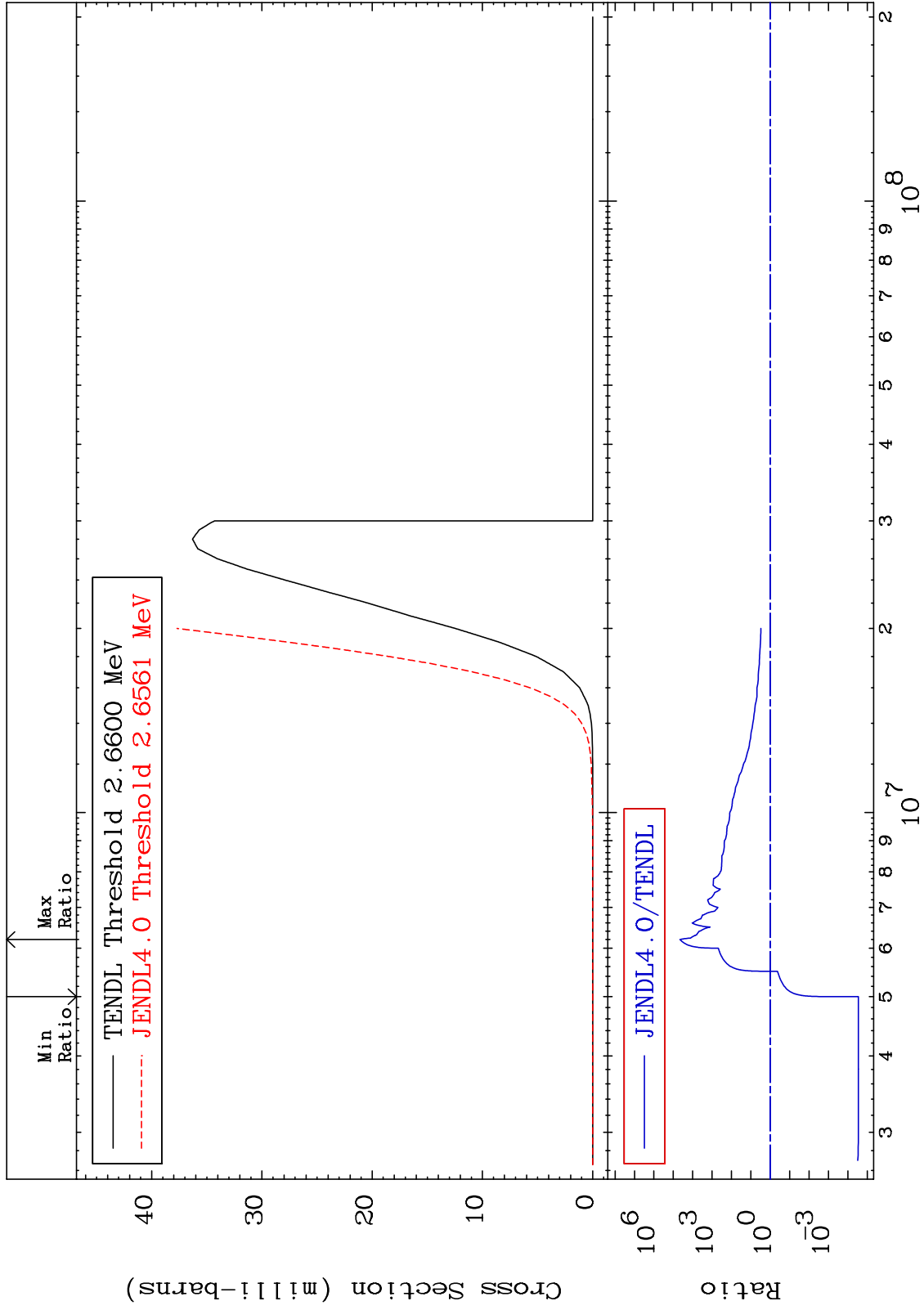
MAT 5031

(n, n') α

50-Sn-114

Cross Section

-100.0 To 9999. %



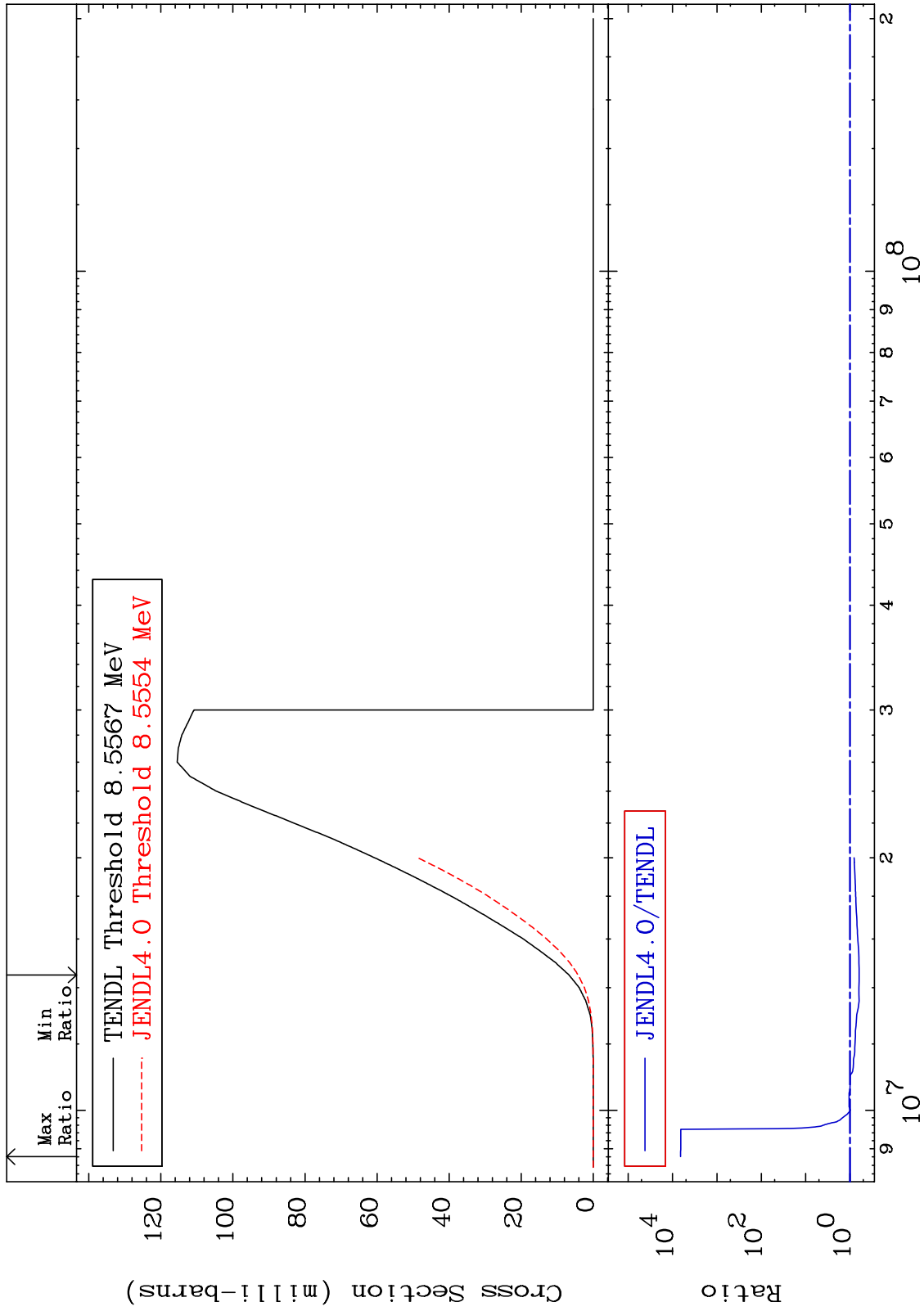
MAT 5031

(n,n') p

50-Sn-114

Cross Section

-38.11 To 9999. %



7

Incident Energy (eV)

50-Sn-114

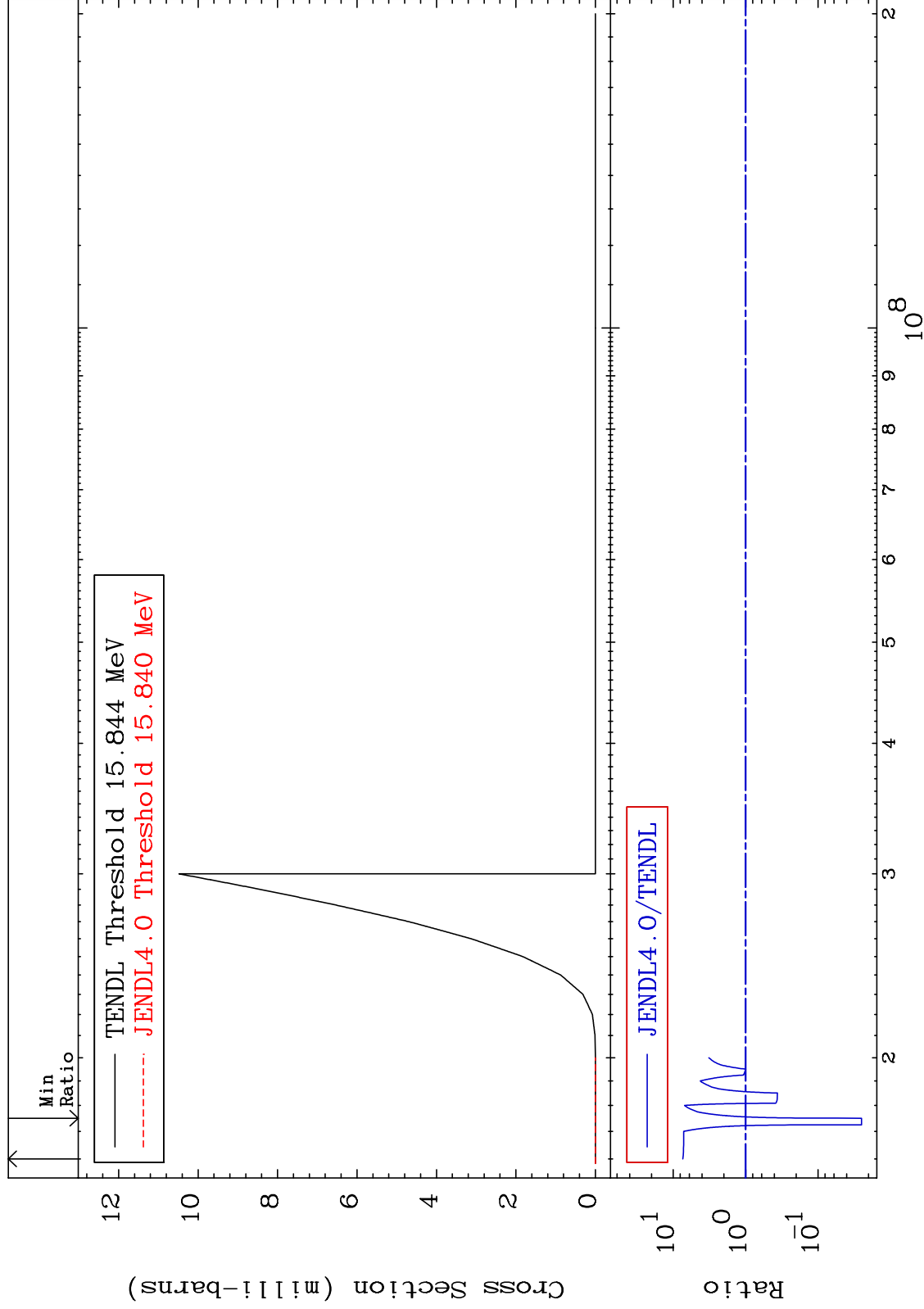
MAT 5031

(n,n') d

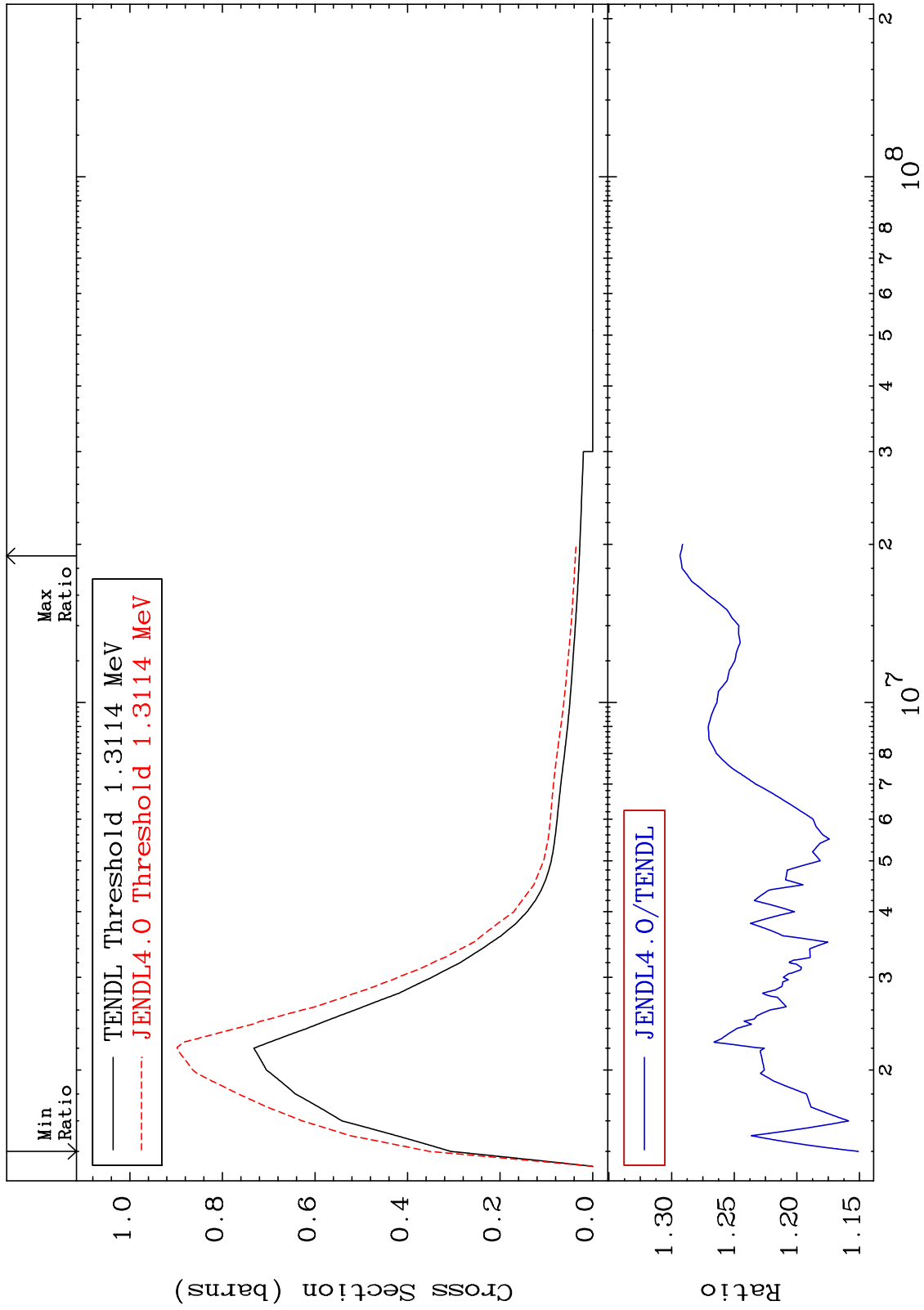
50-Sn-114

Cross Section

-97.50 To 636.5 %



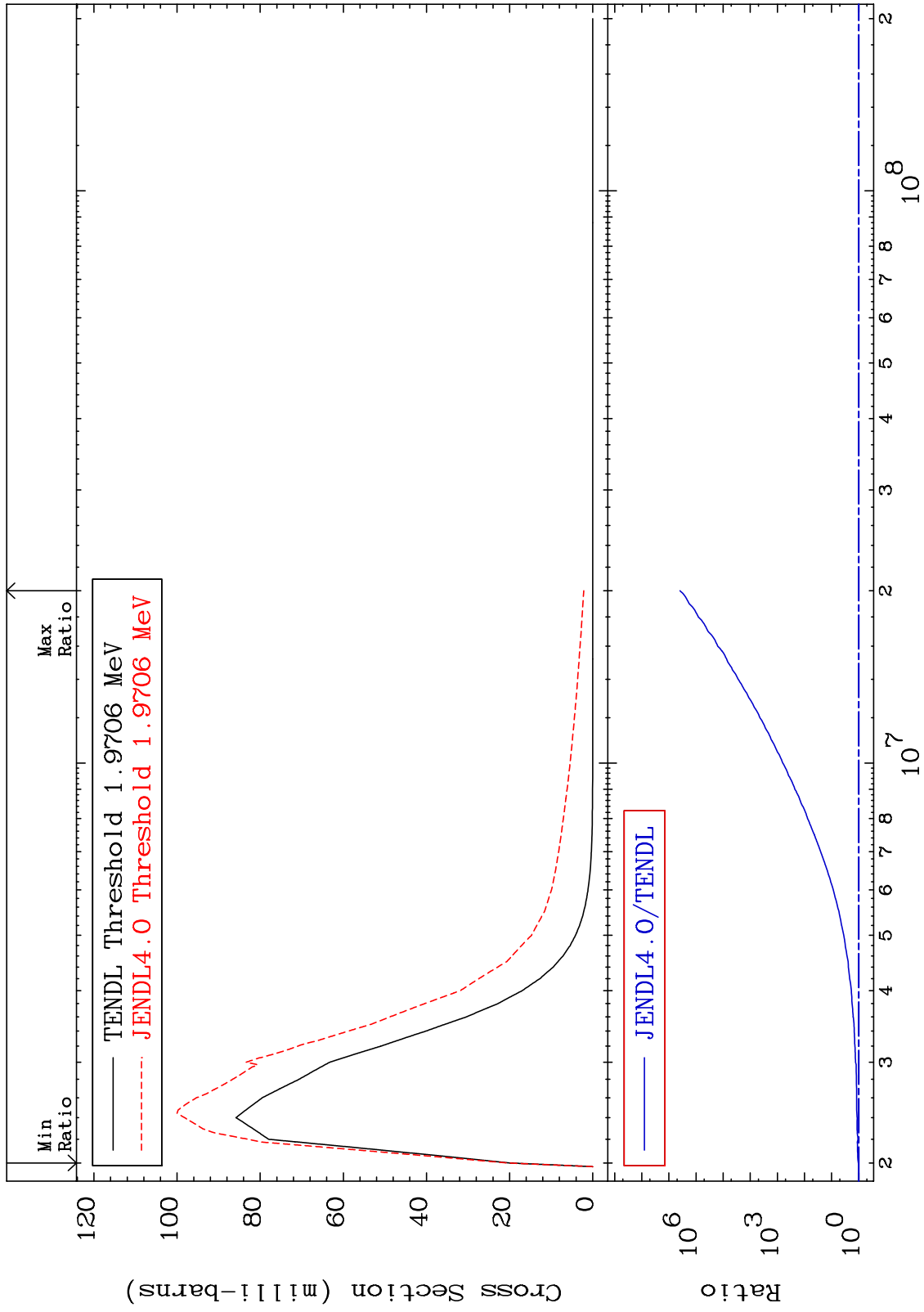
MAT 5031 MT= 51 (n, n') Level Cross Section 50-Sn-114 To 29.32 %
 15.09



MAT 5031

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

50-Sn-114
2.960 To 9999. %



10

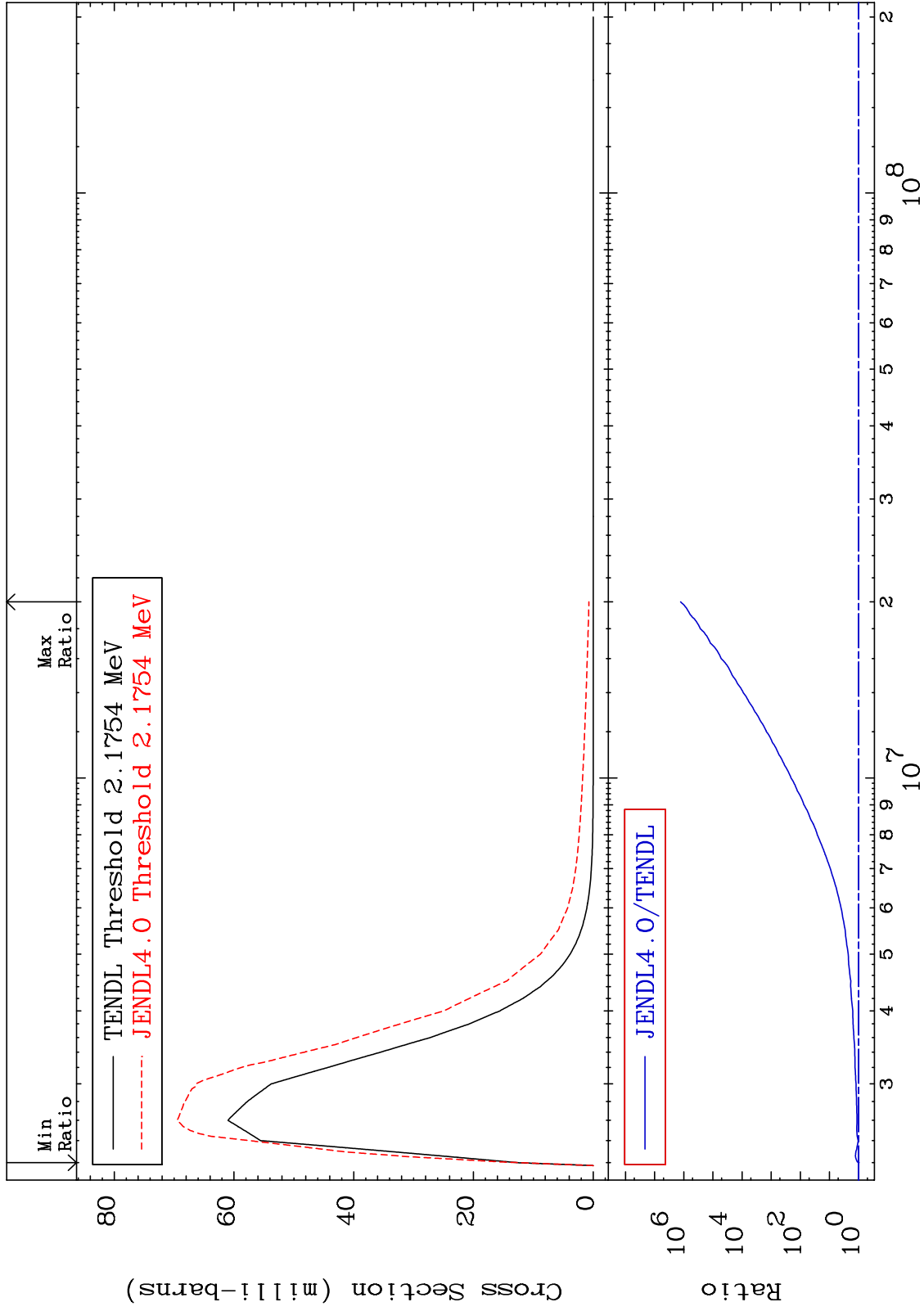
Incident Energy (eV)

50-Sn-114

MAT 5031

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

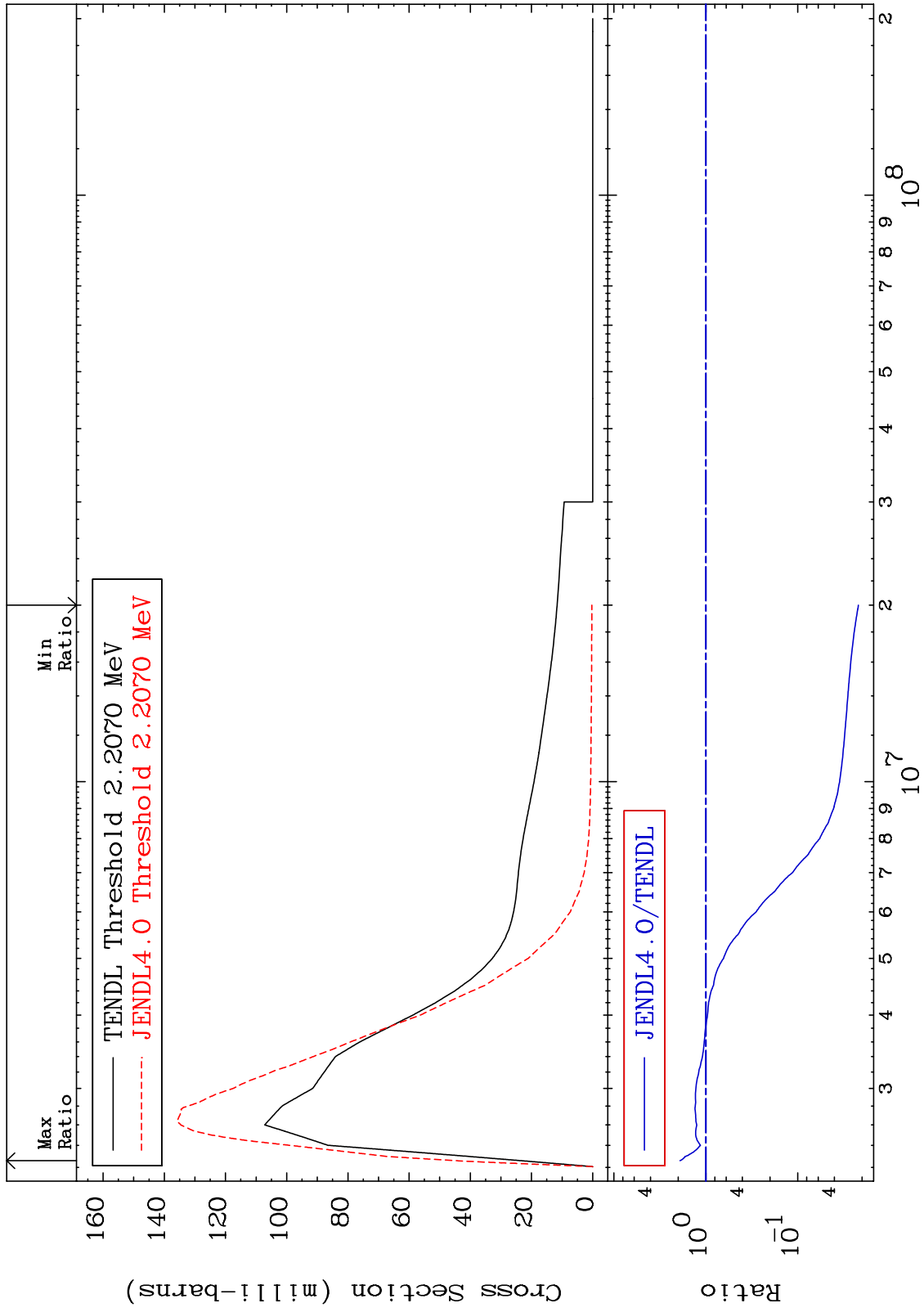
50-Sn-114
-4.218 To 9999. %



MAT 5031

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

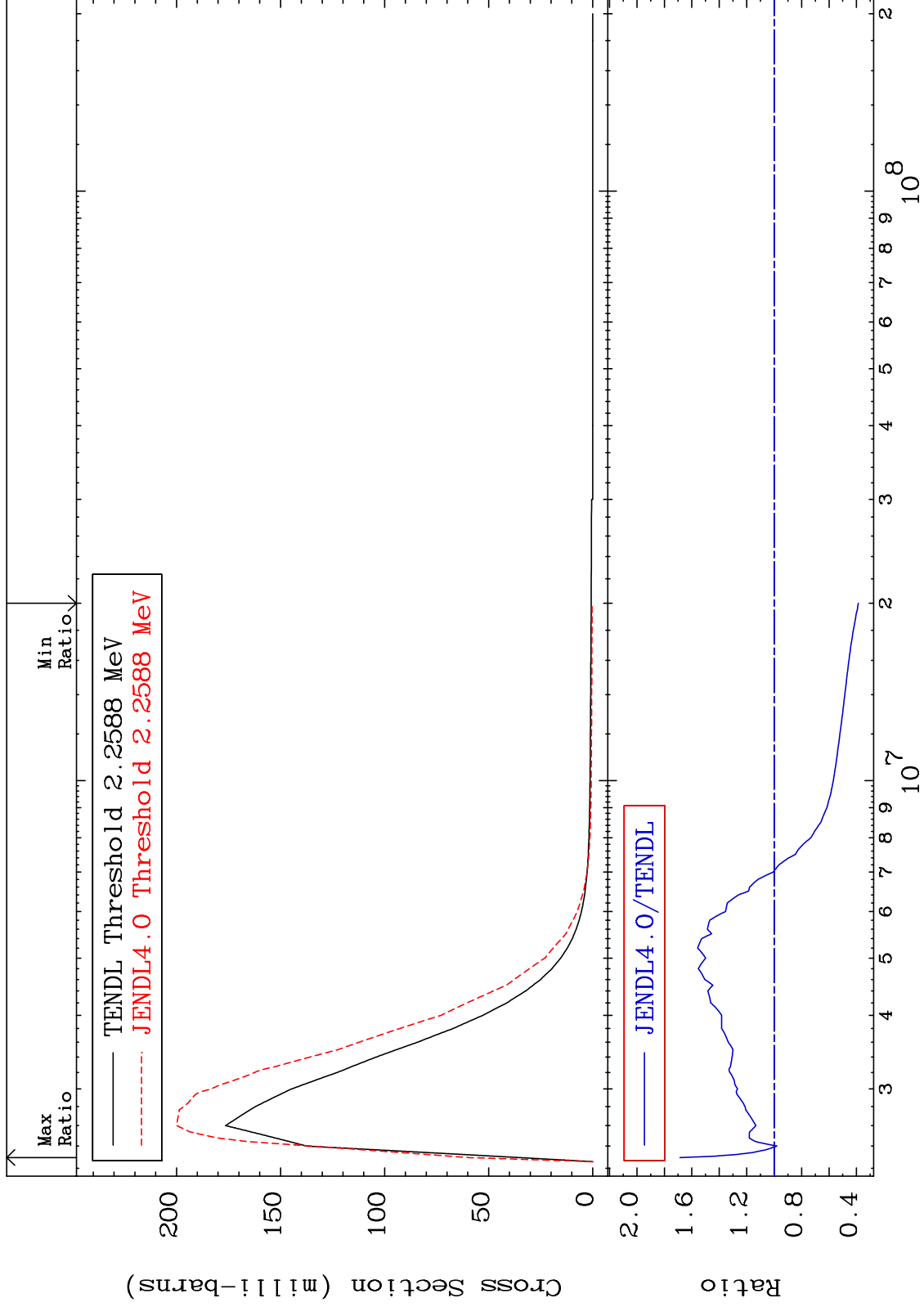
50-Sn-114
-97.80 To 90.77 %



MAT 5031

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

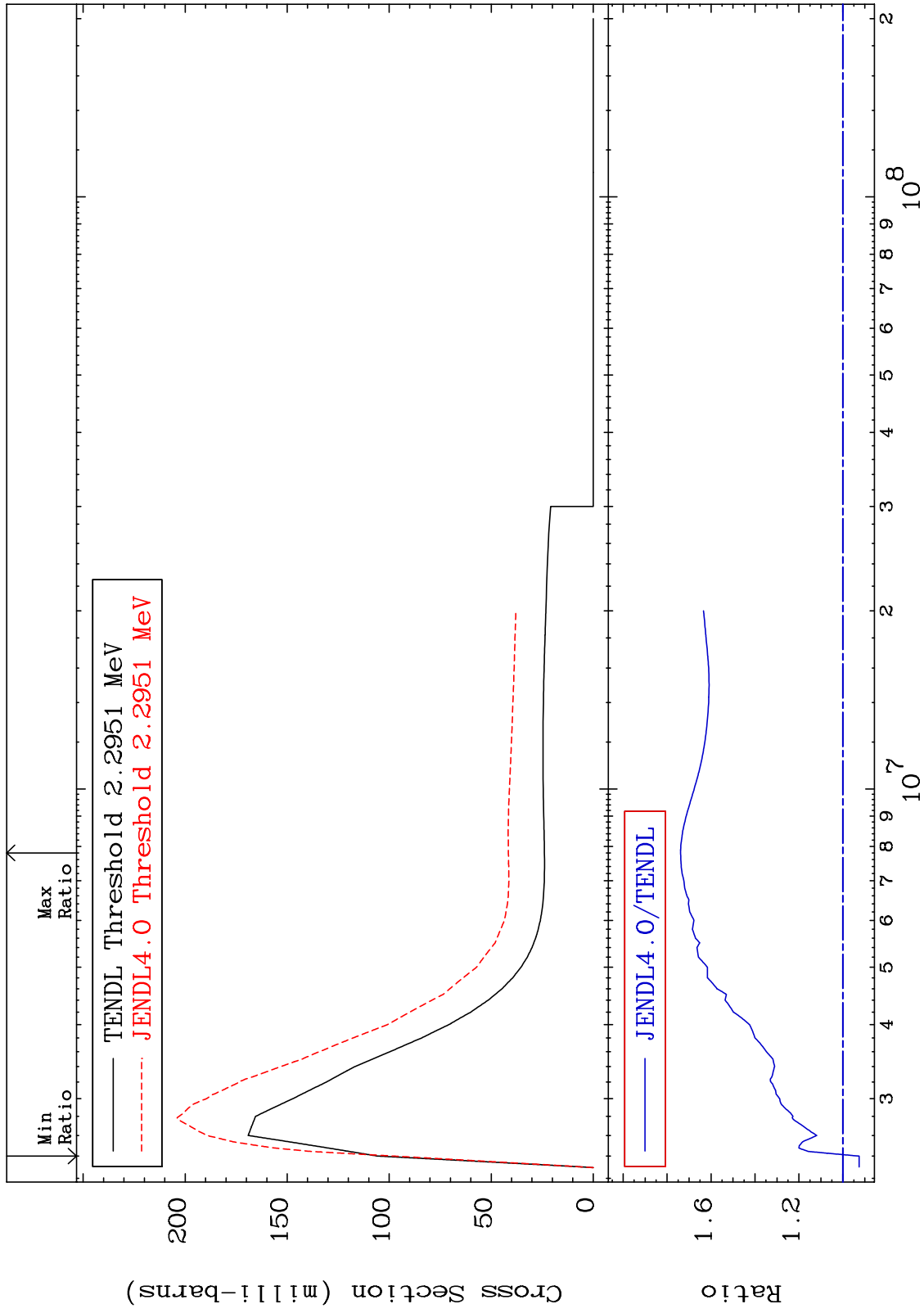
50-Sn-114
-61.40 To 68.60 %



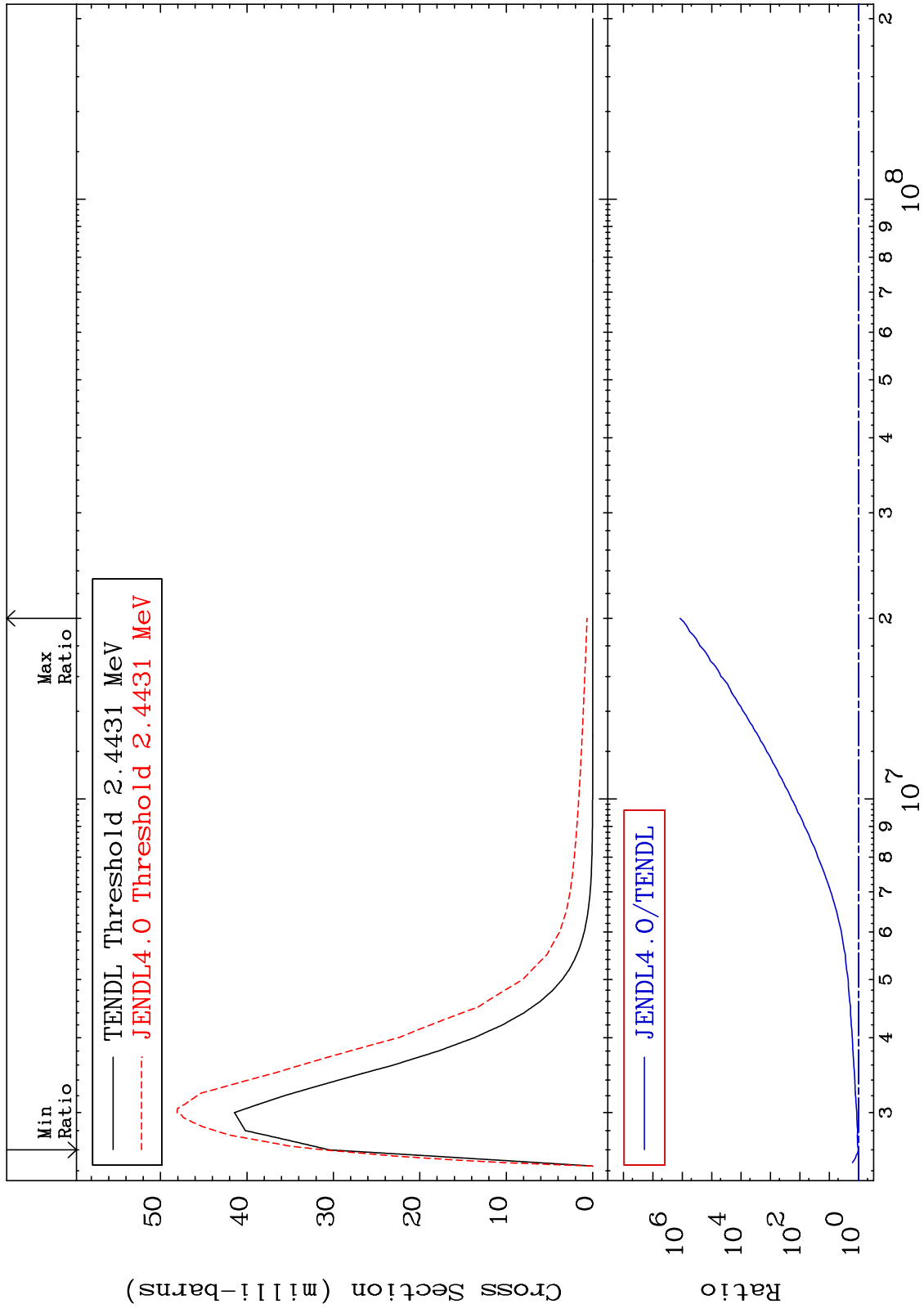
MAT 5031

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

50-Sn-114
-7.428 To 73.84 %



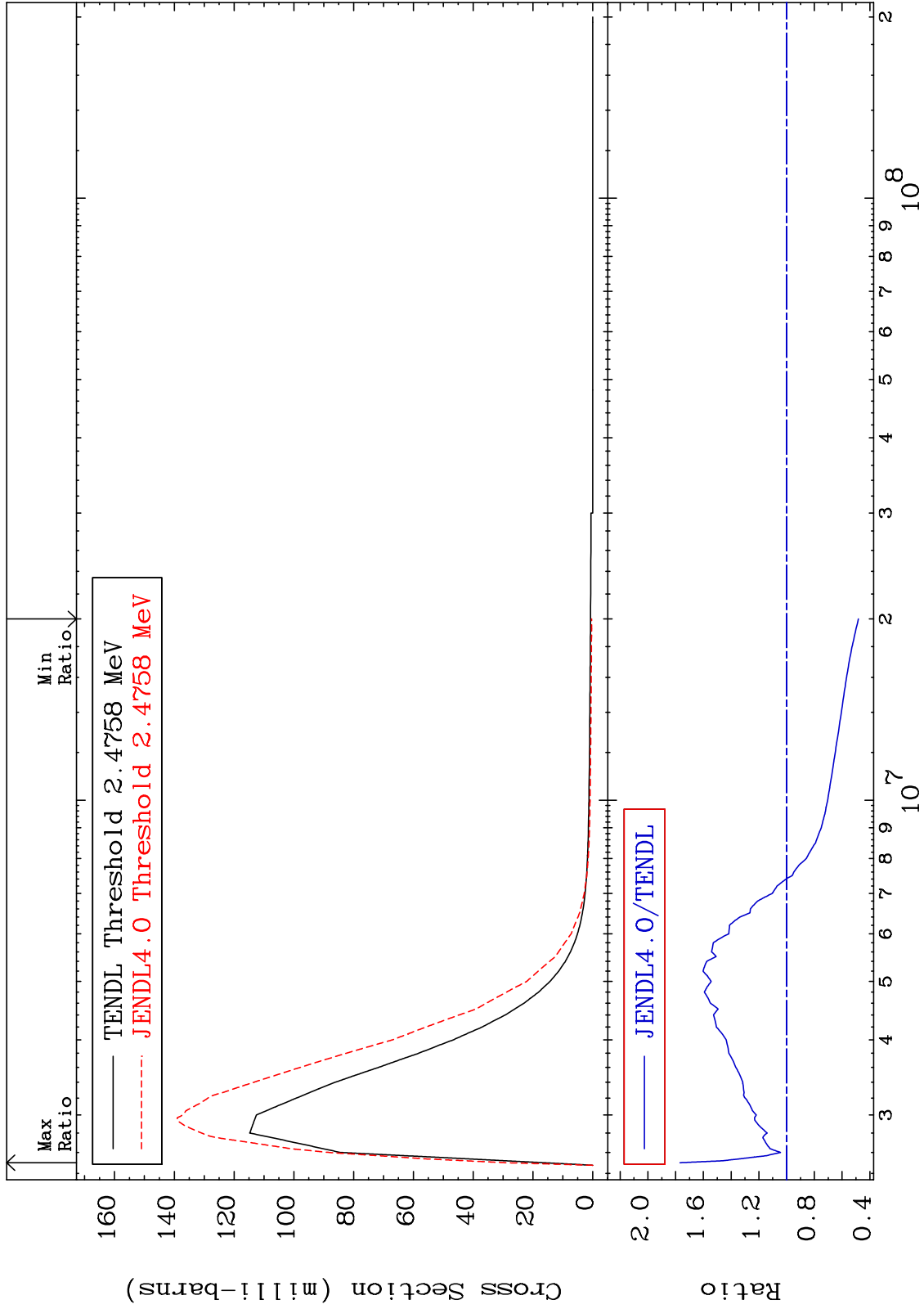
MAT 5031 MT= 57 (n,n') Level Cross Section 50-Sn-114 To 9999. %
 2.181



MAT 5031

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

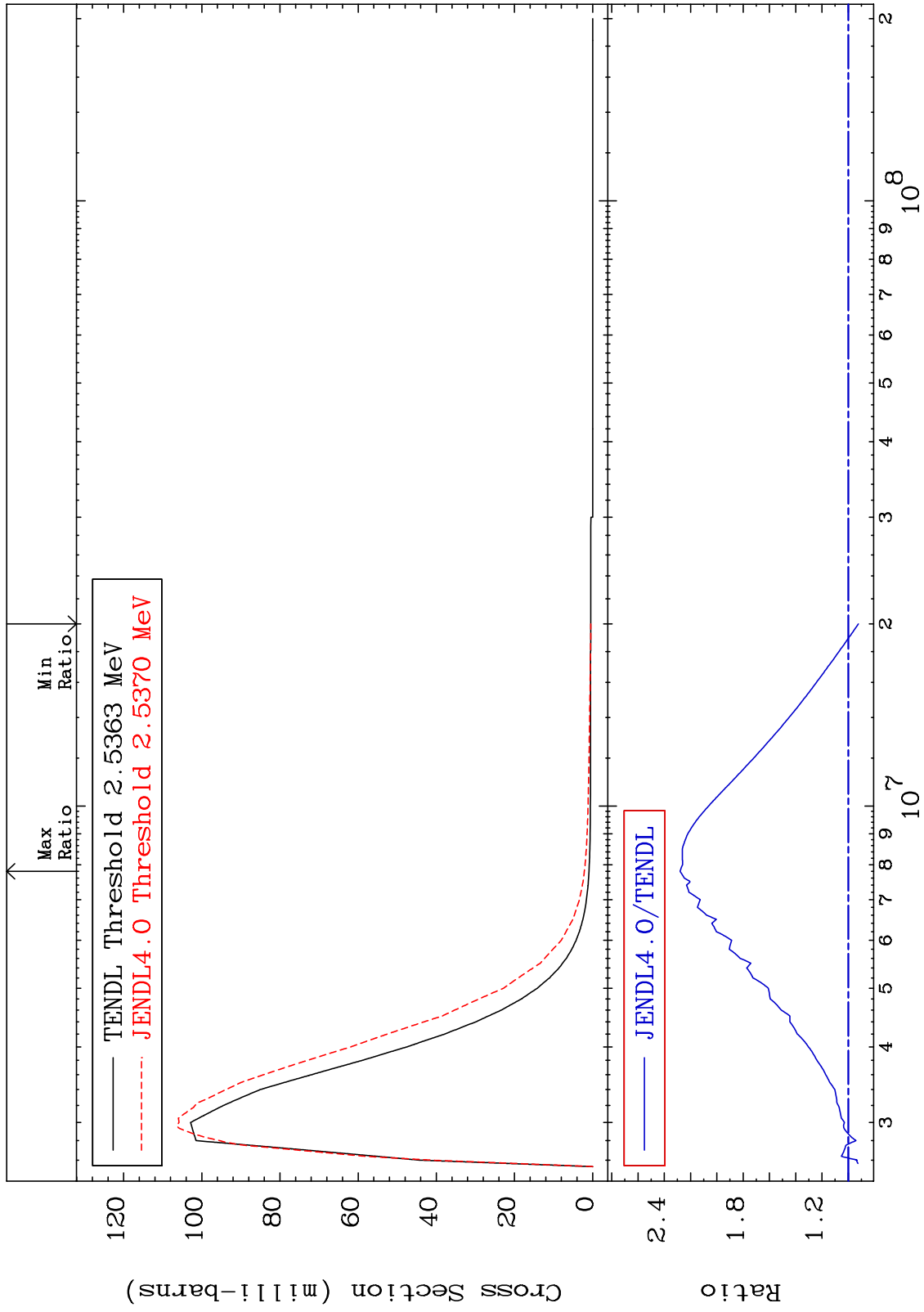
50-Sn-114
-51.76 To 76.84 %



MAT 5031

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

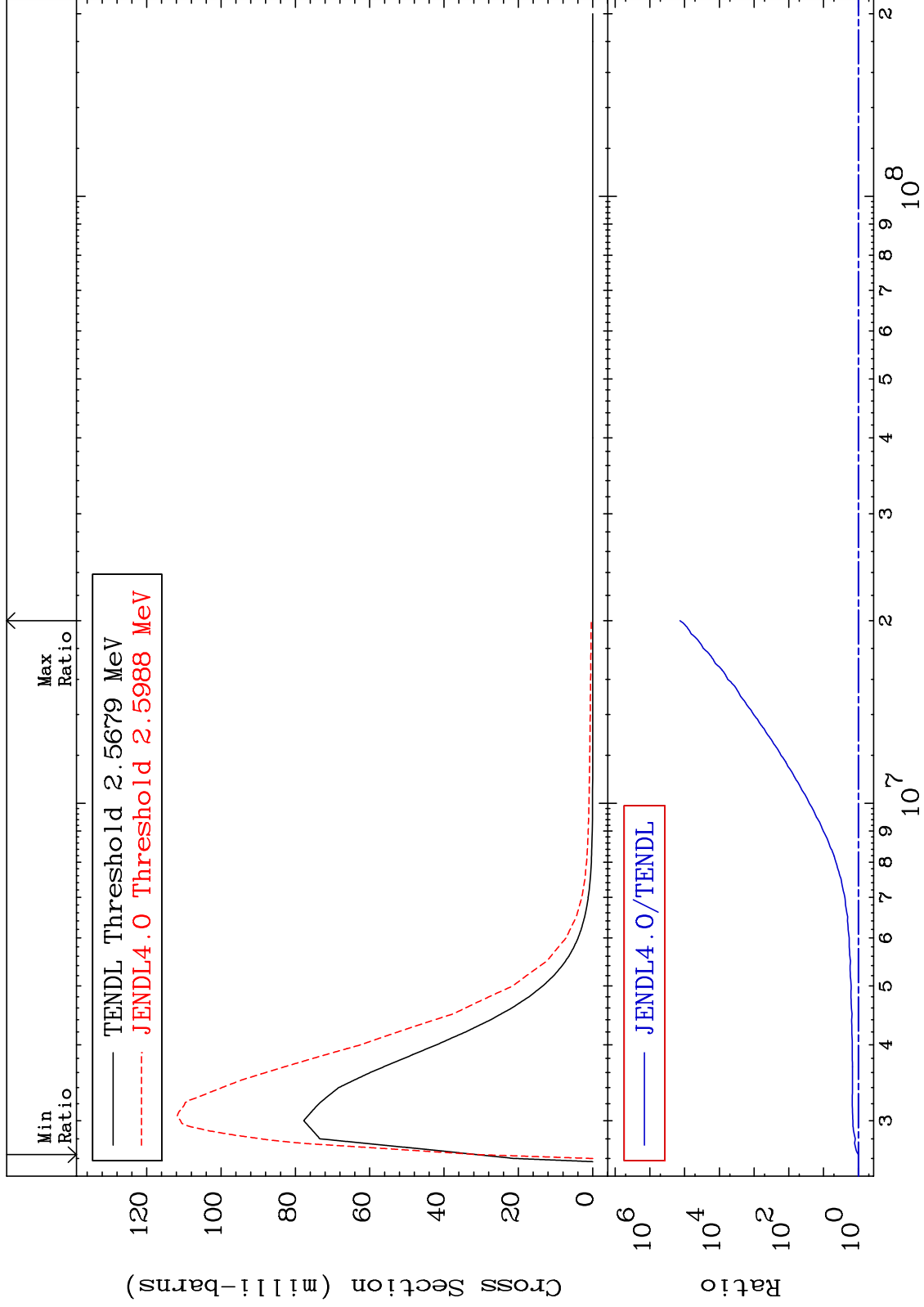
50-Sn-114
-7.741 To 128.0 %



MAT 5031

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

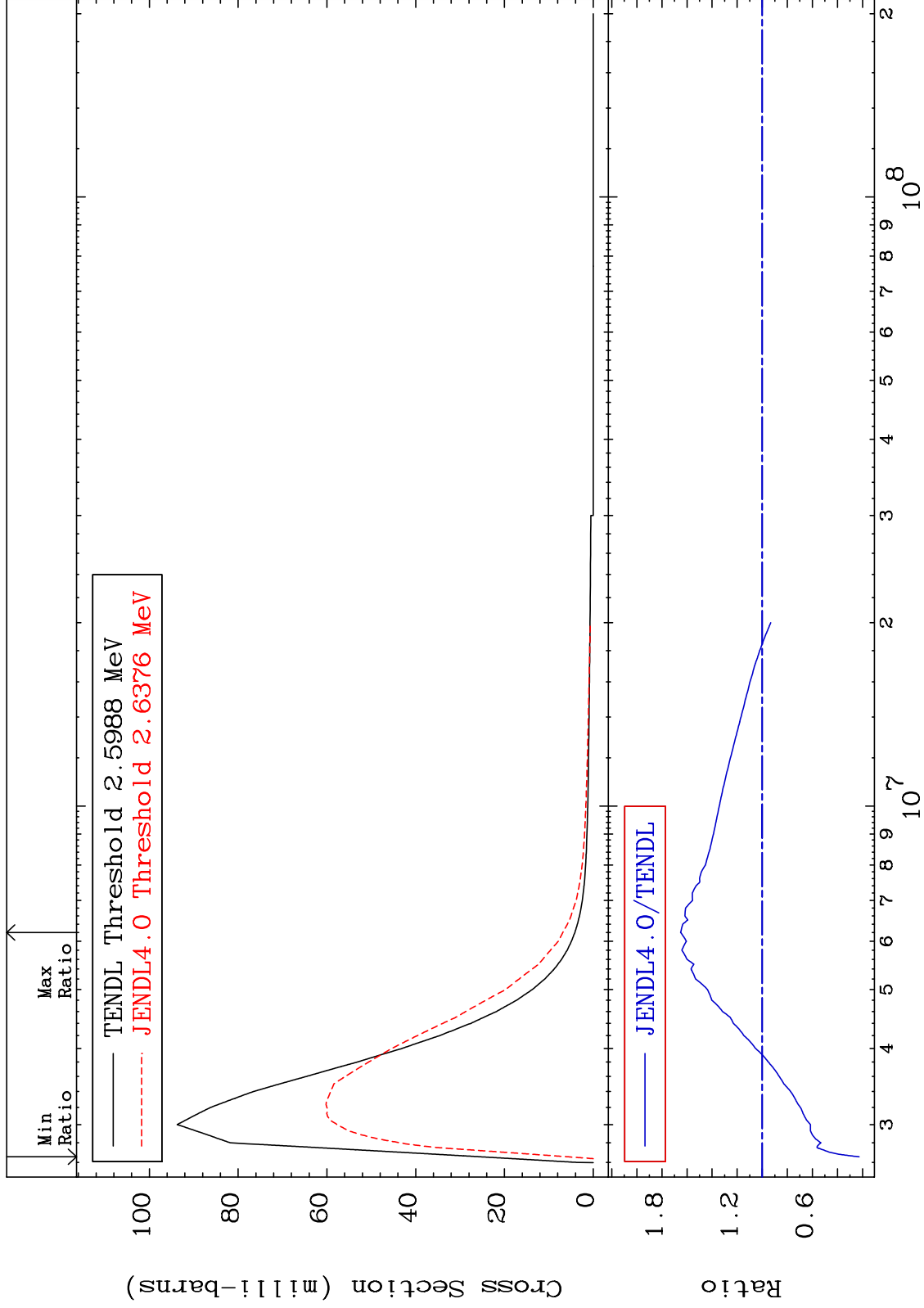
50-Sn-114
-0.841 To 9999. %



MAT 5031

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

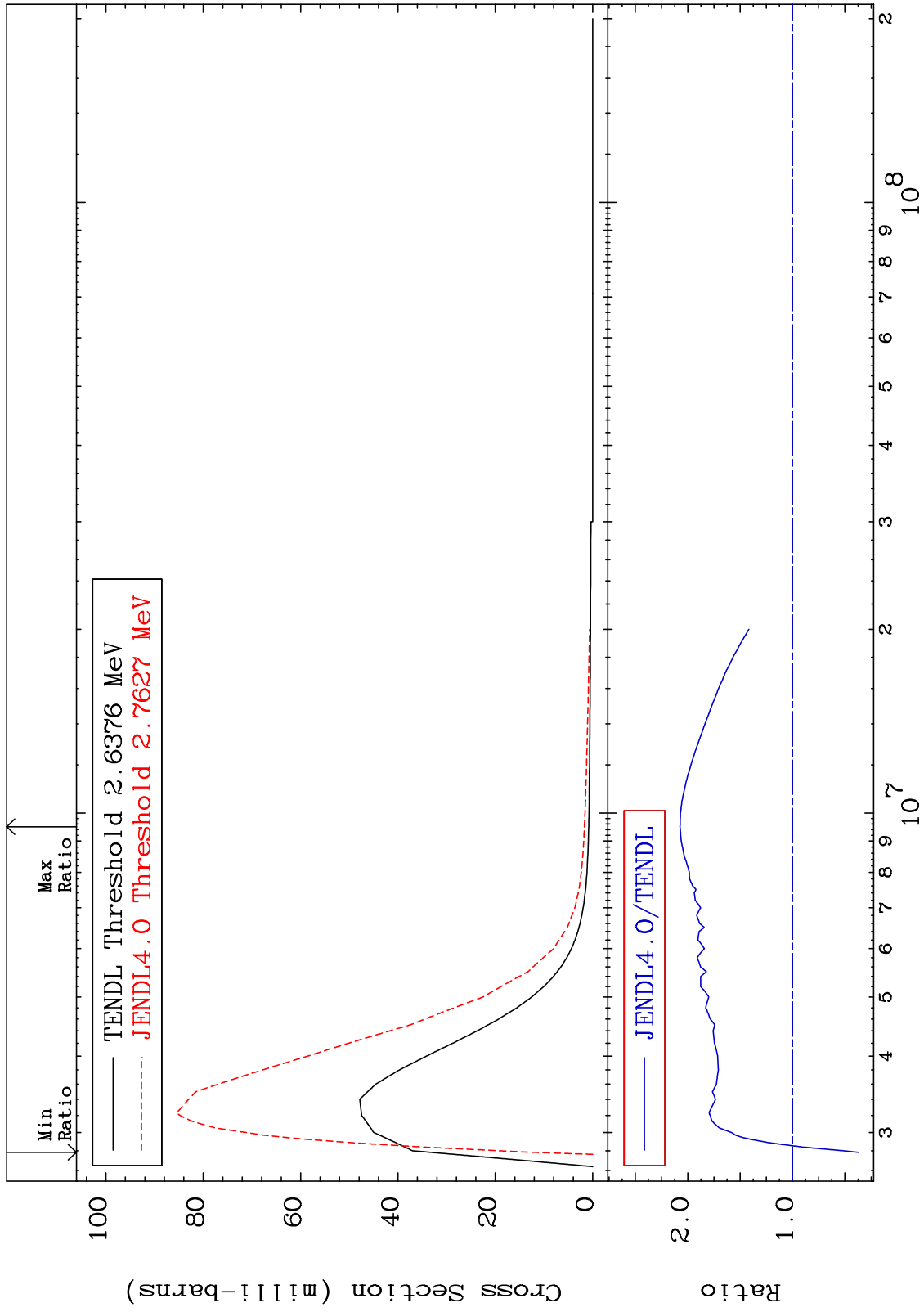
50-Sn-114
-77.31 To 65.09 %



MAT 5031

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

50-Sn-114
-62.85 To 107.4 %

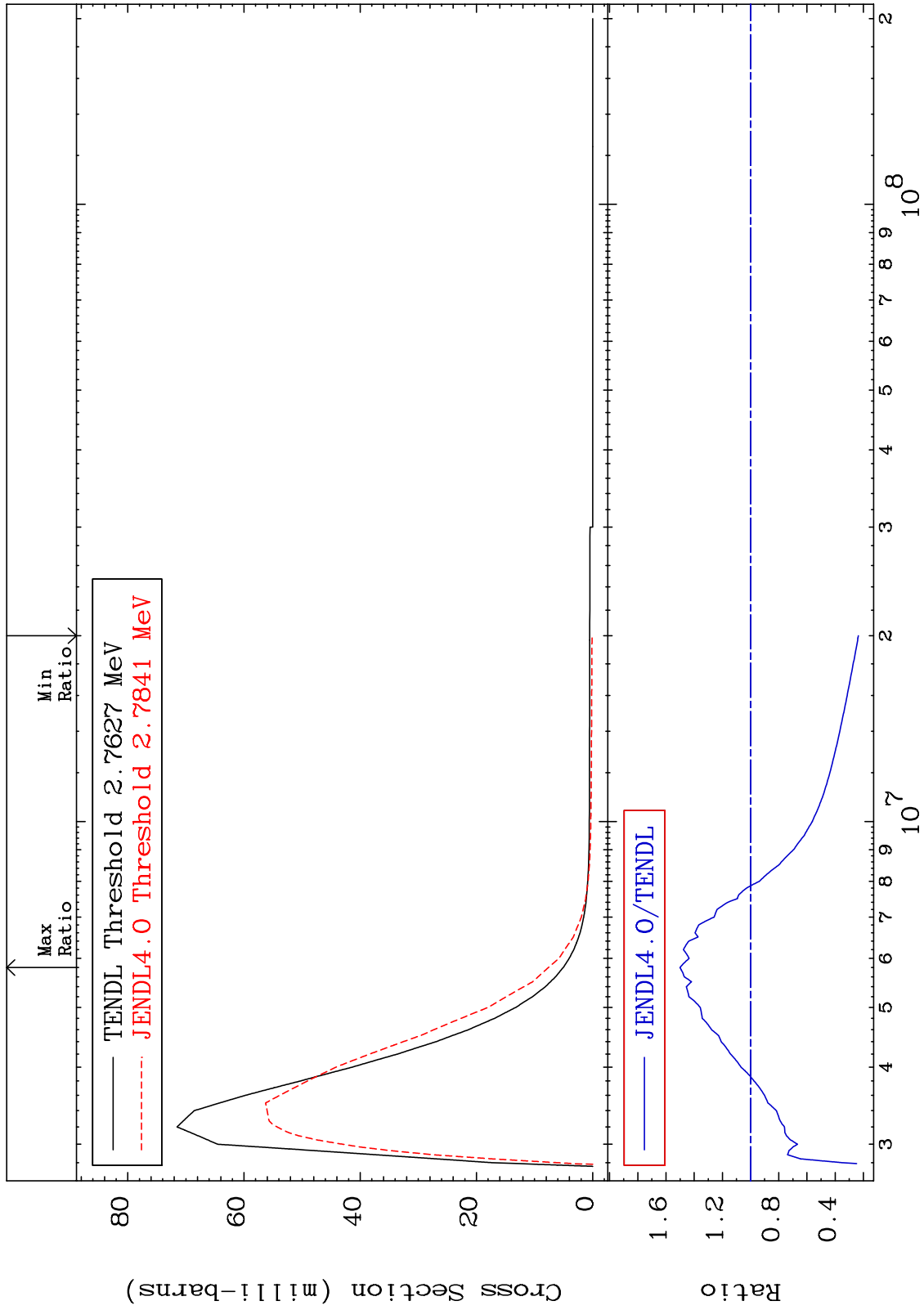


20

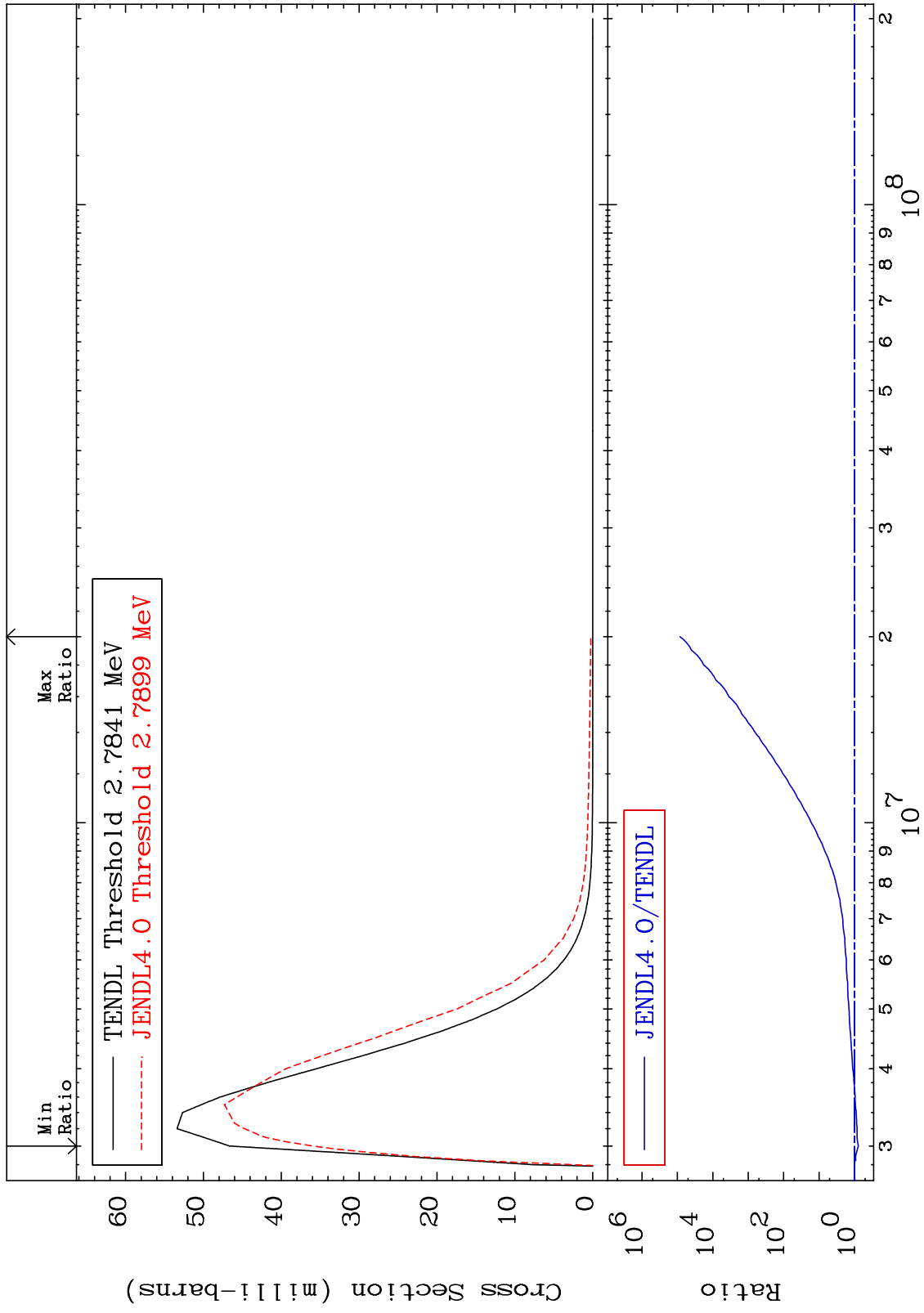
Incident Energy (eV)

50-Sn-114

MAT 5031 MT= 63 (n,n') Level Cross Section 50-Sn-114 -76.50 To 50.05 %



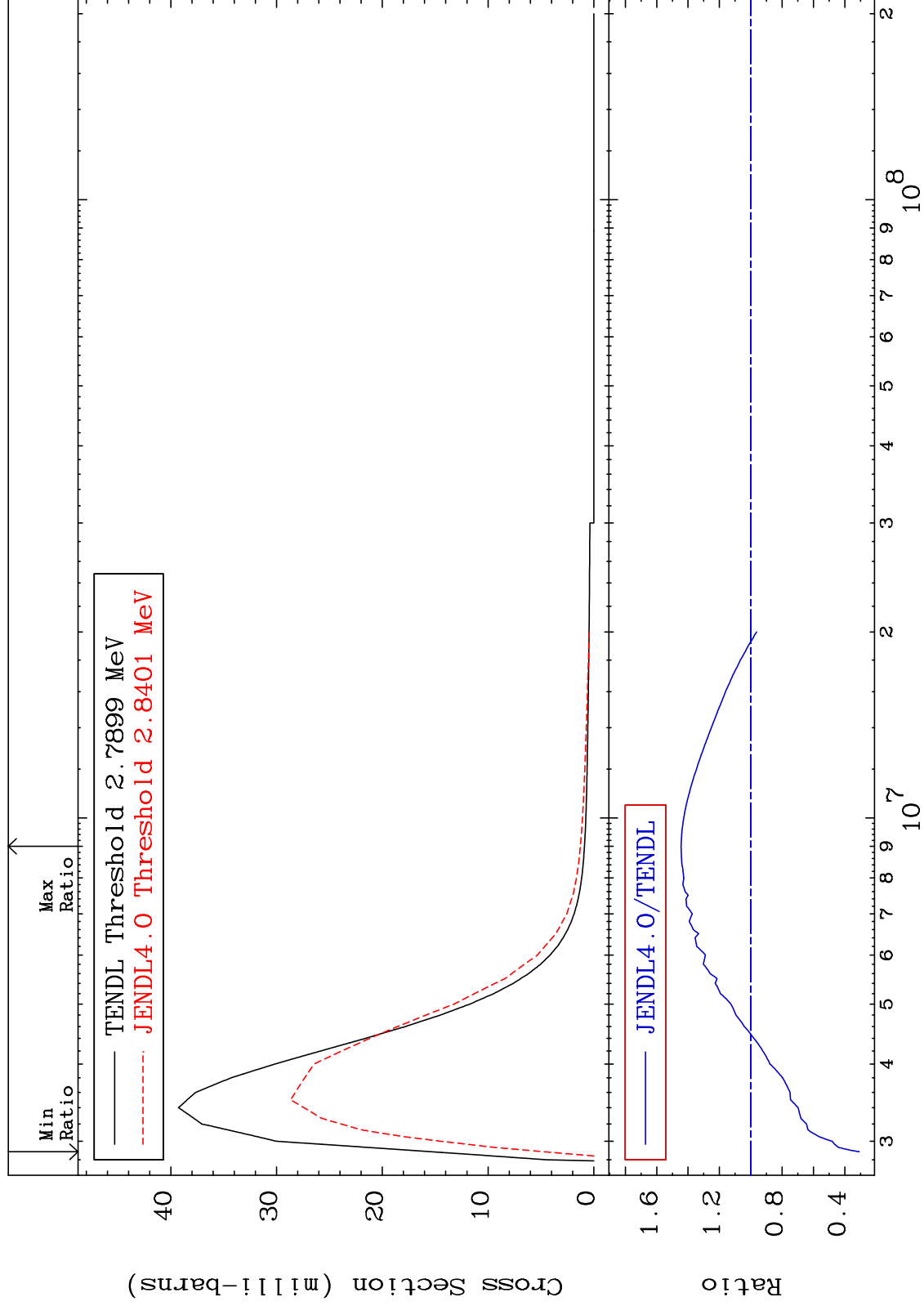
MAT 5031 MT= 64 (n,n') Level 50-Sn-114
 Cross Section -22.96 To 9999. %



MAT 5031

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

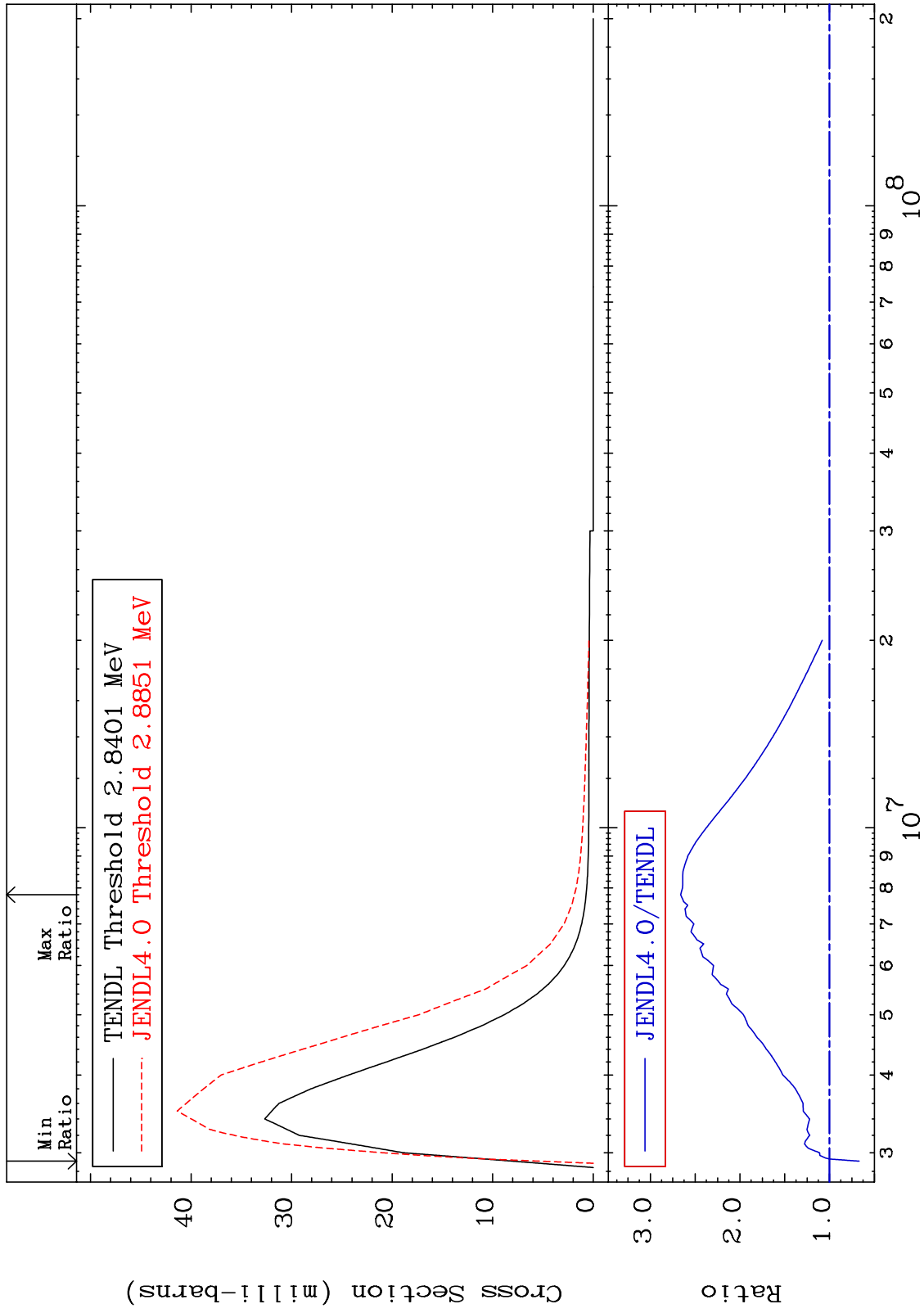
50-Sn-114
-69.24 To 44.47 %



MAT 5031

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

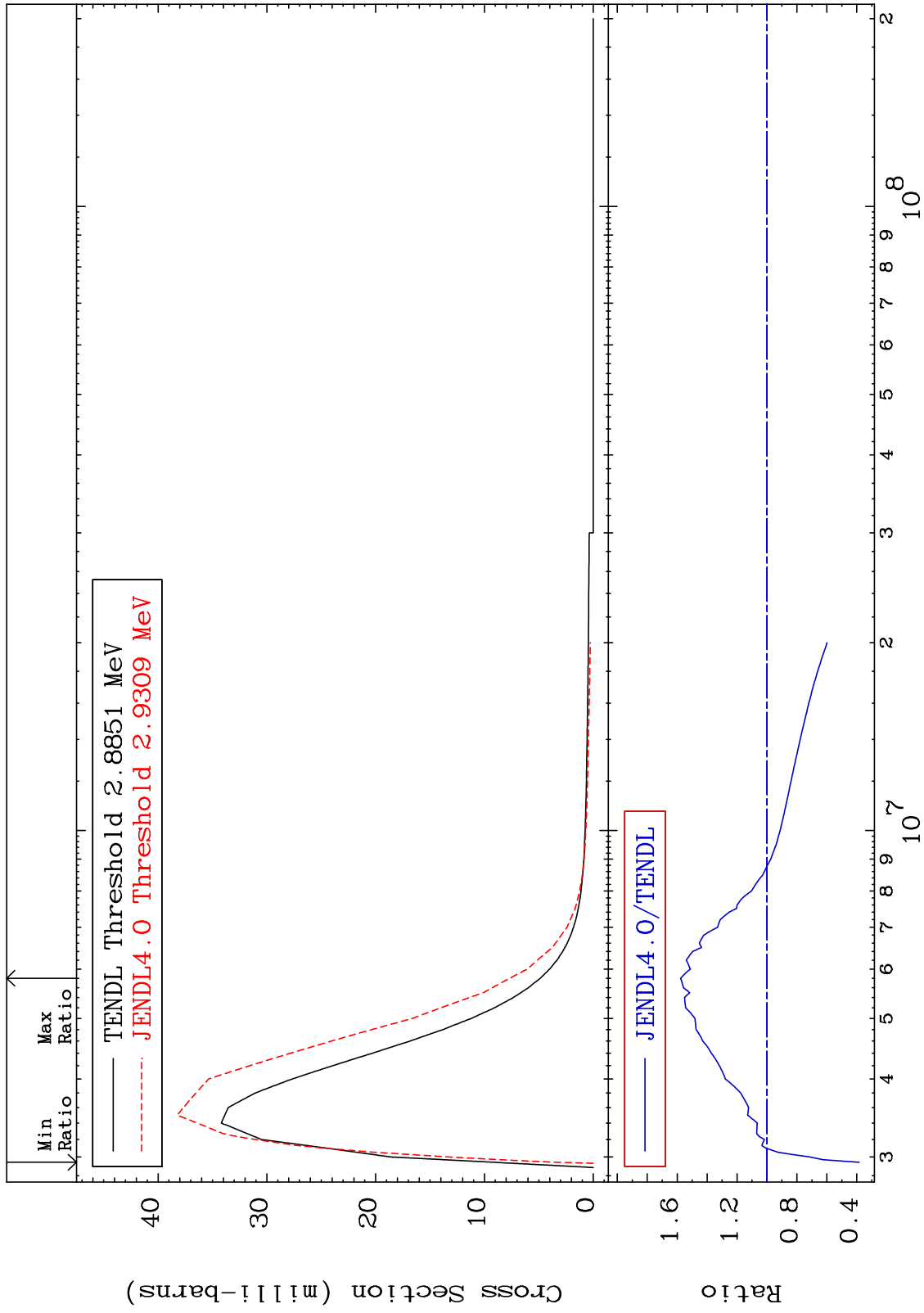
50-Sn-114
-33.09 To 166.2 %



MAT 5031

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

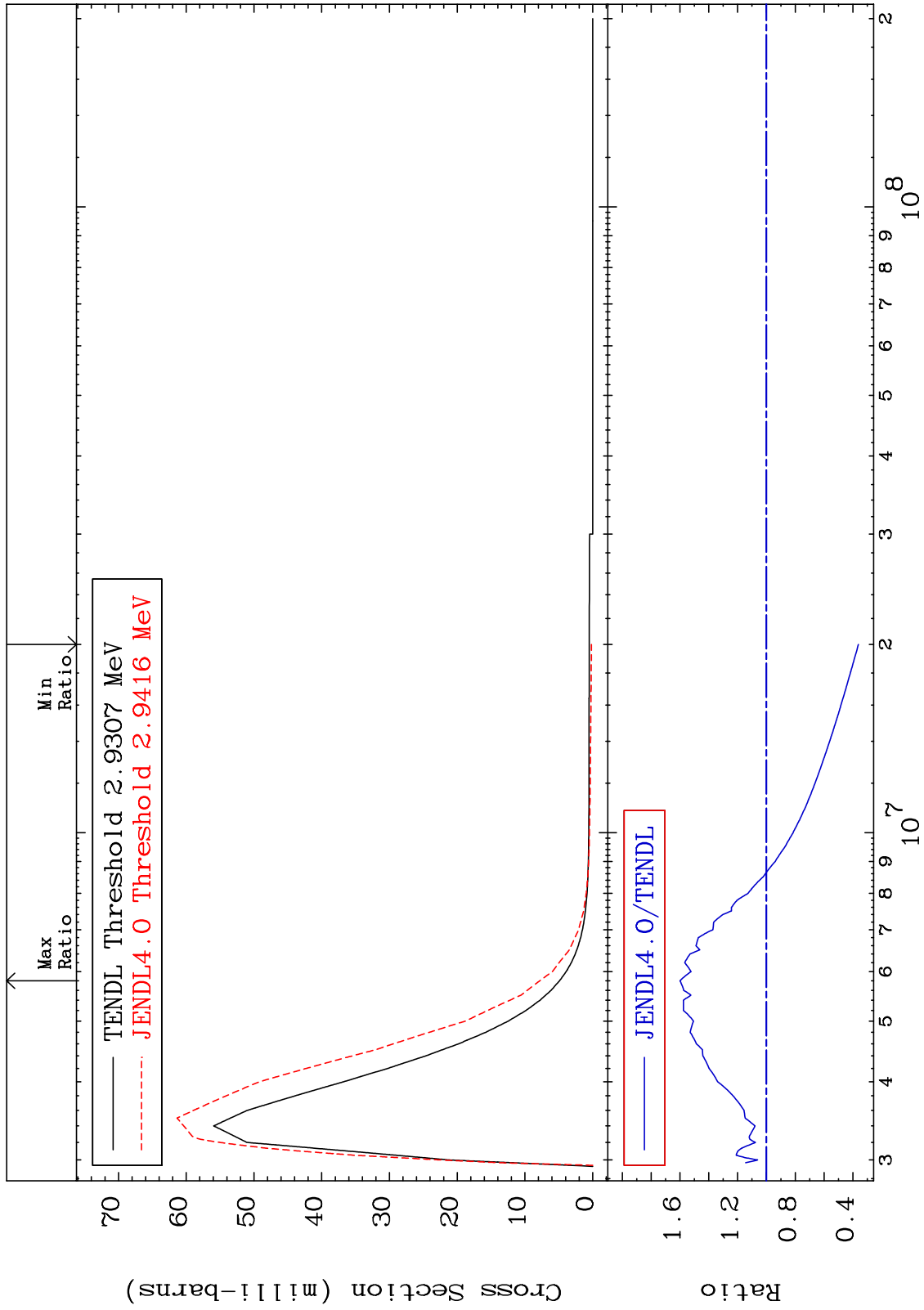
50-Sn-114
-61.60 To 57.70 %



MAT 5031

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

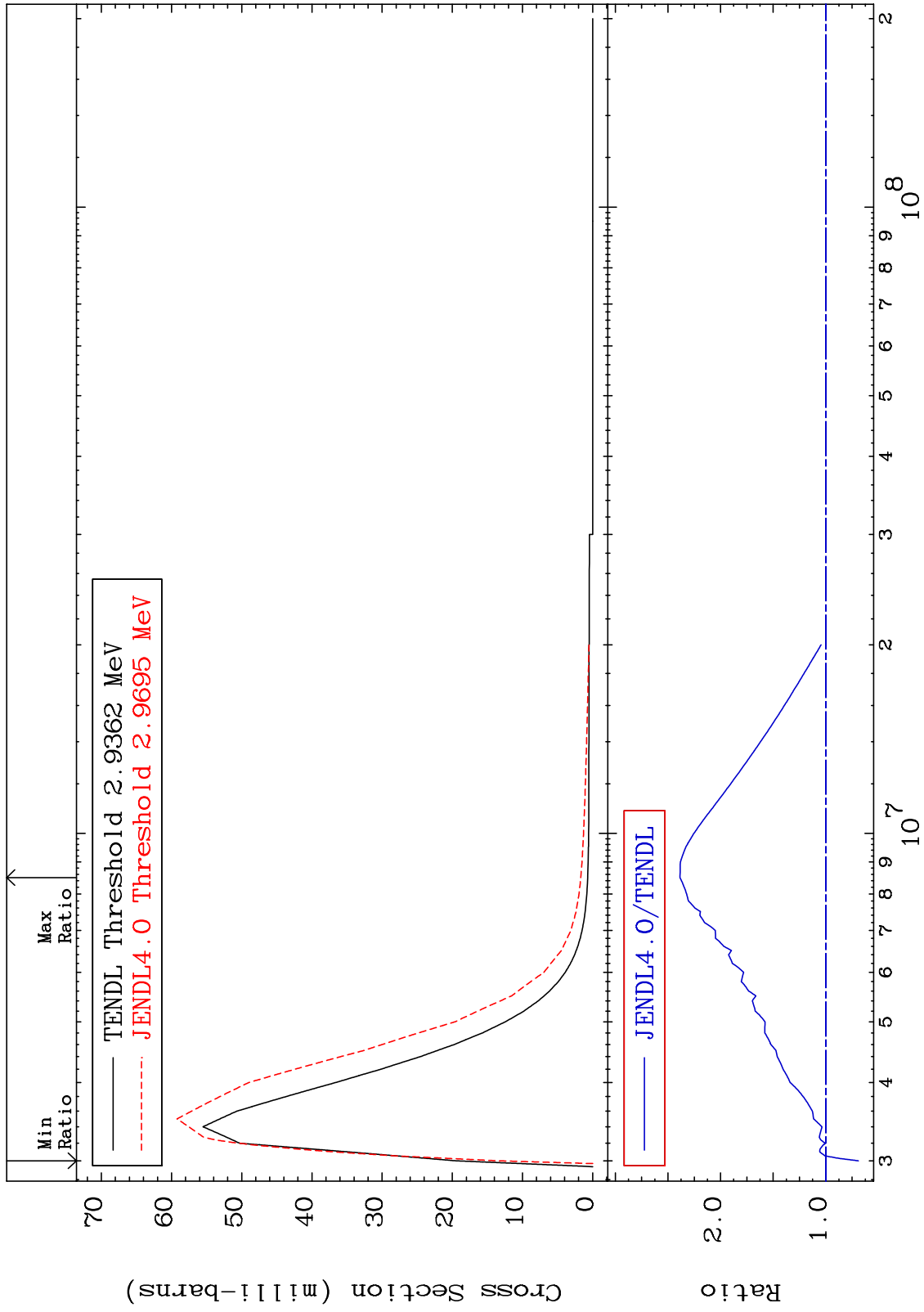
50-Sn-114
-63.82 To 59.95 %



MAT 5031

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

50-Sn-114
-31.01 To 138.5 %



27

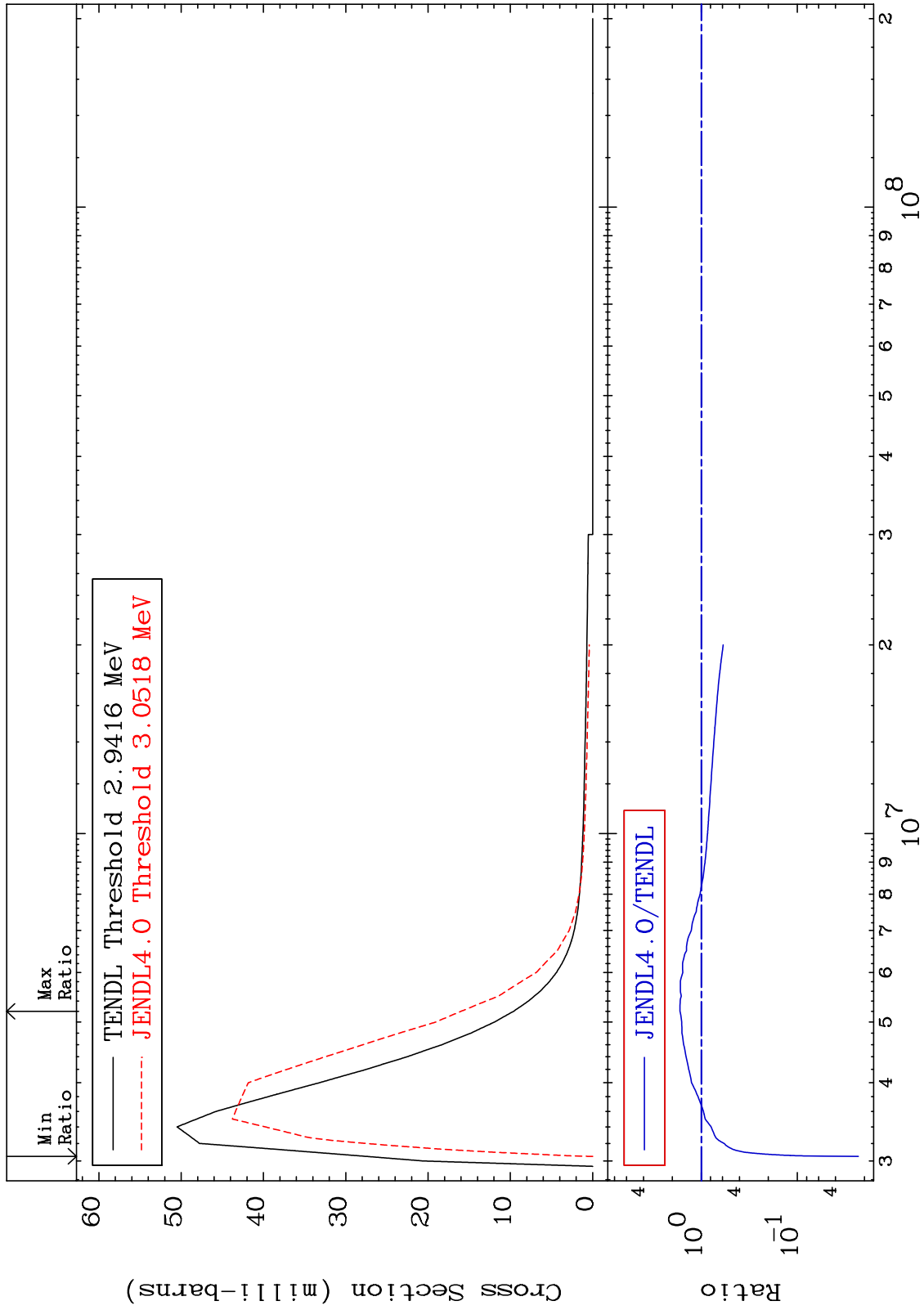
Incident Energy (eV)

50-Sn-114

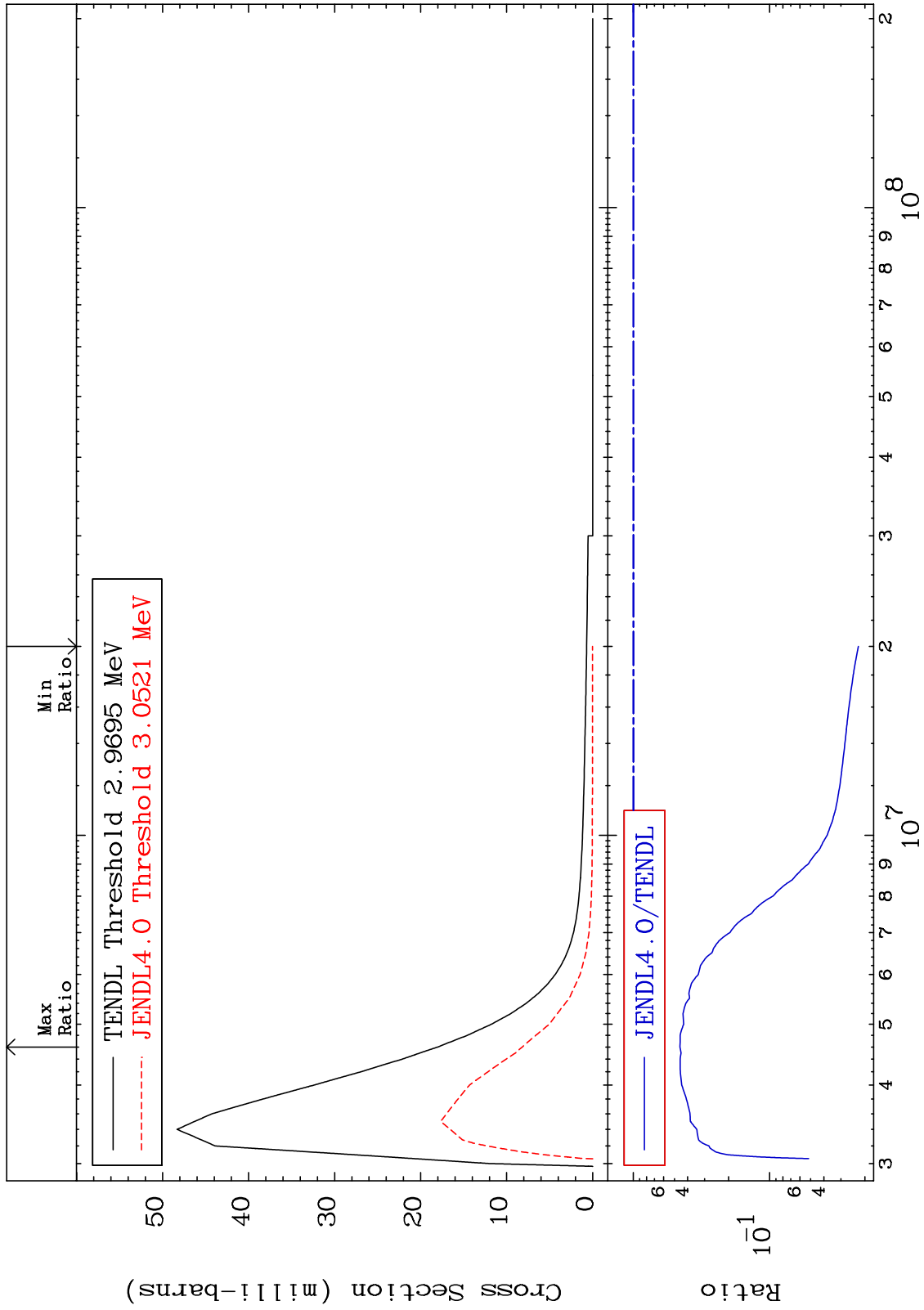
MAT 5031

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

50-Sn-114
-97.69 To 66.34 %

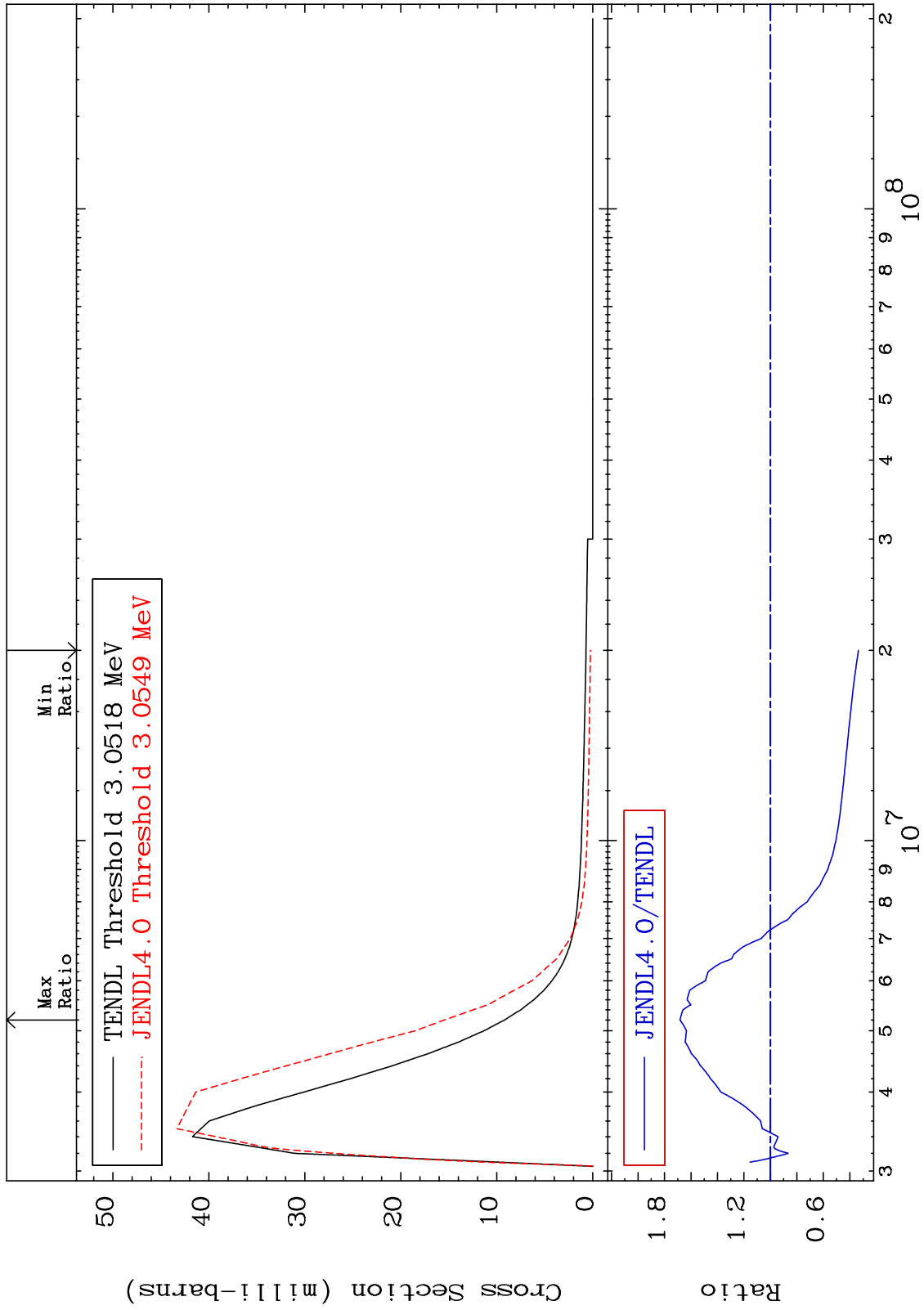


MAT 5031 MT= 71 (n,n') Level
 Cross Section 50-Sn-114
 -97.77 To -54.53%



Incident Energy (eV) 50-Sn-114

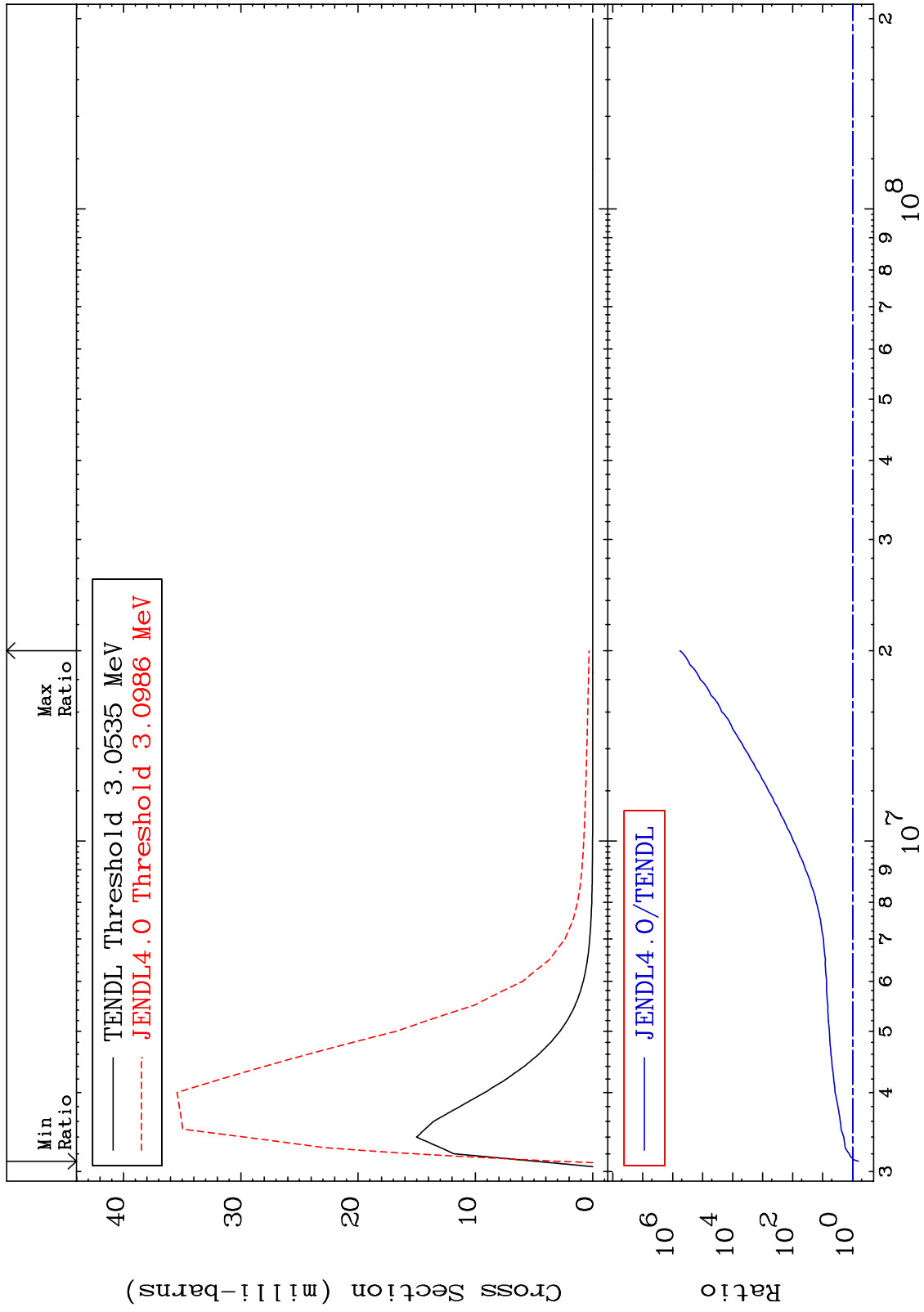
MAT 5031 MT= 72 (n,n') Level
Cross Section 50-Sn-114
-66.49 To 68.27 %



MAT 5031

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

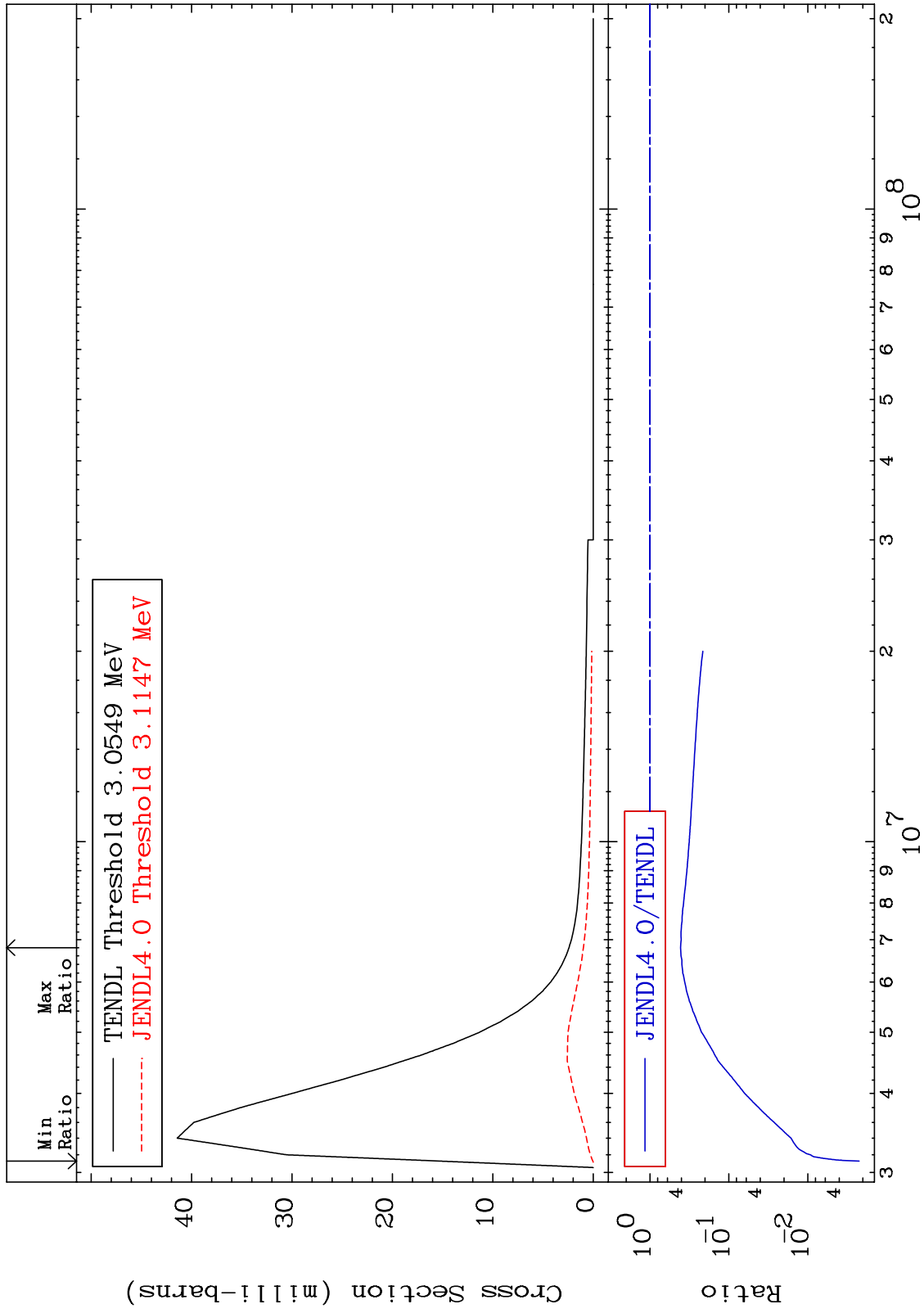
50-Sn-114
-35.65 To 9999. %



MAT 5031

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

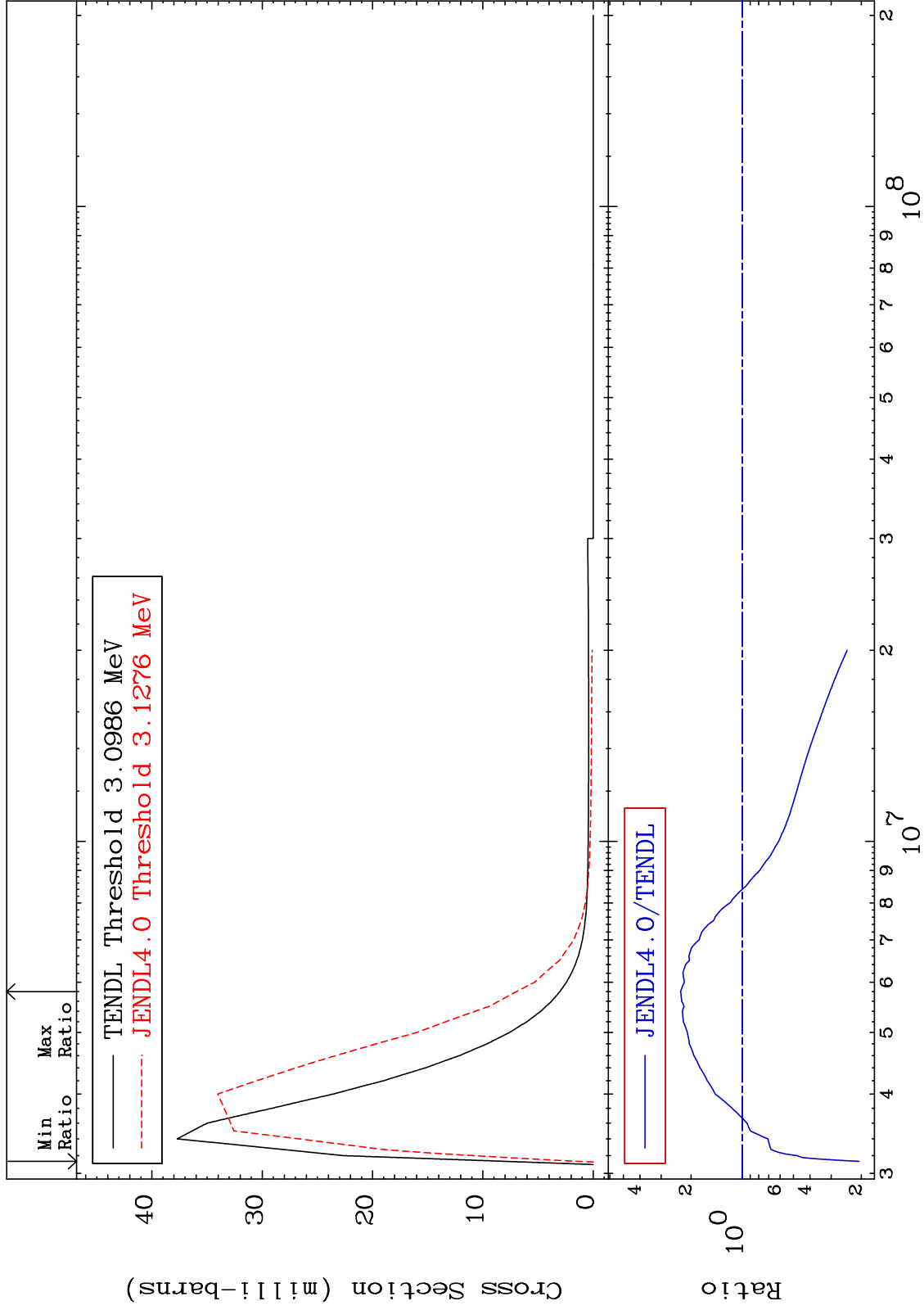
50-Sn-114
-99.78 To -59.14%



MAT 5031

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

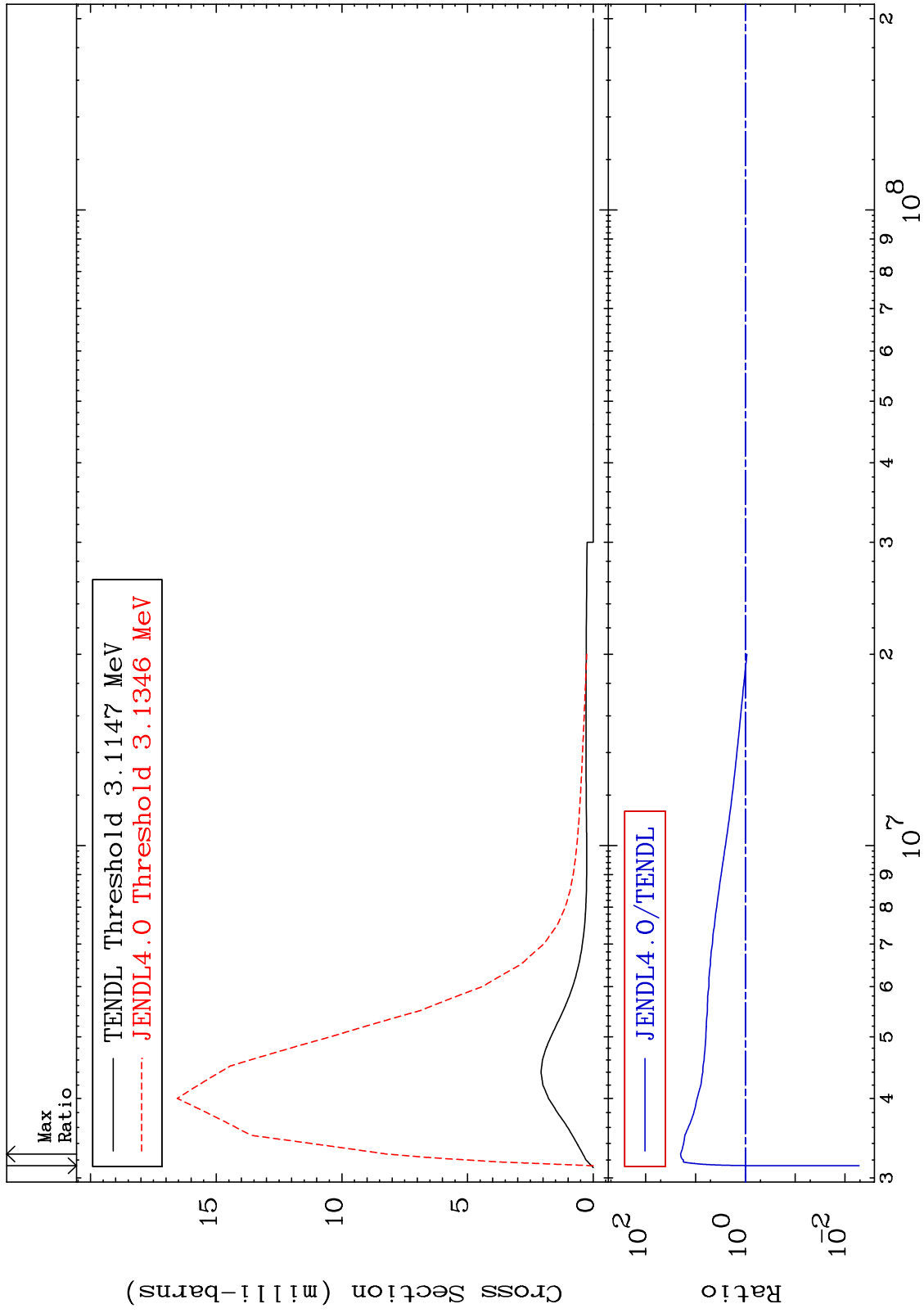
50-Sn-114
-79.44 To 130.4 %



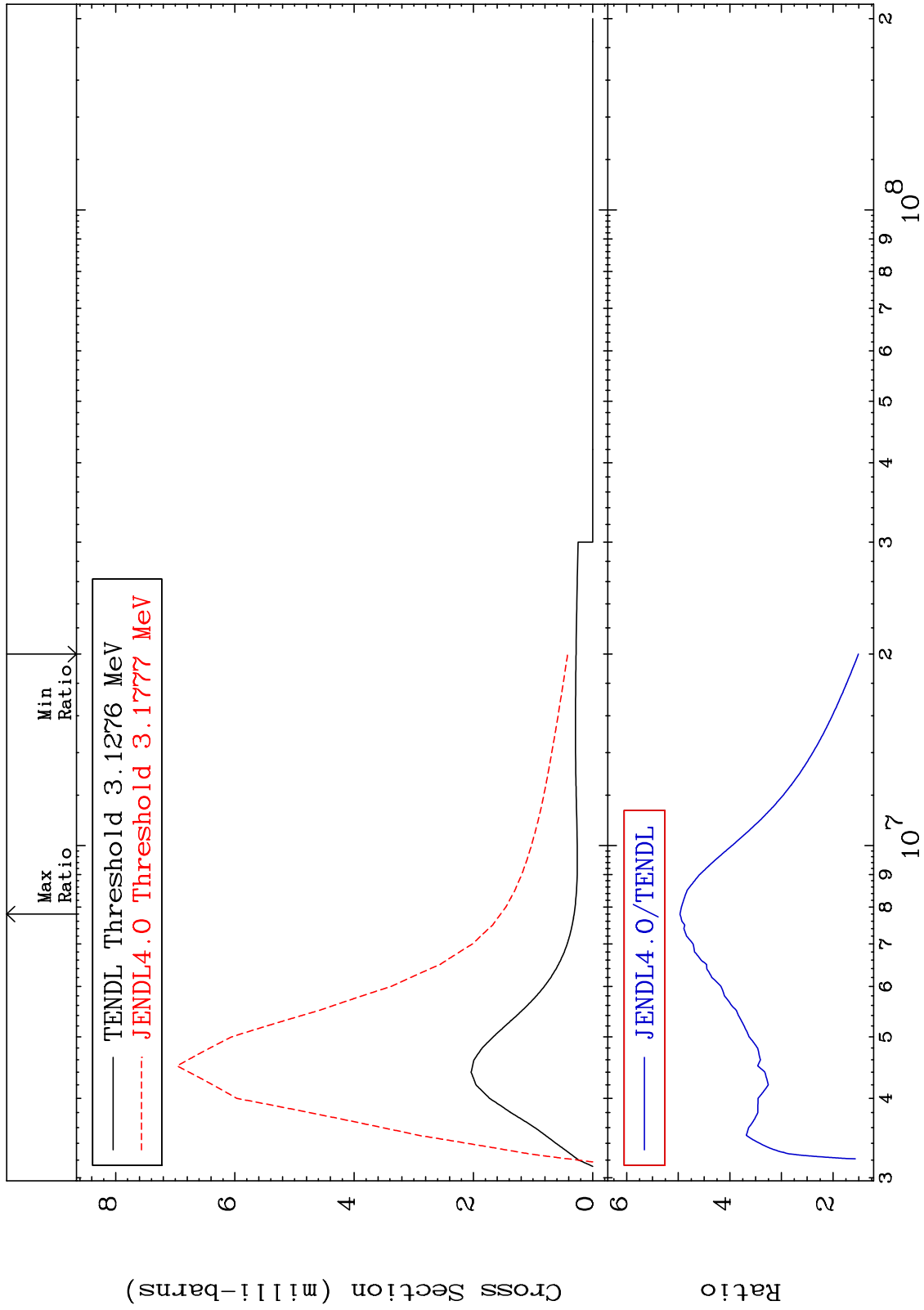
MAT 5031

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

50-Sn-114
-99.48 To 1891. %

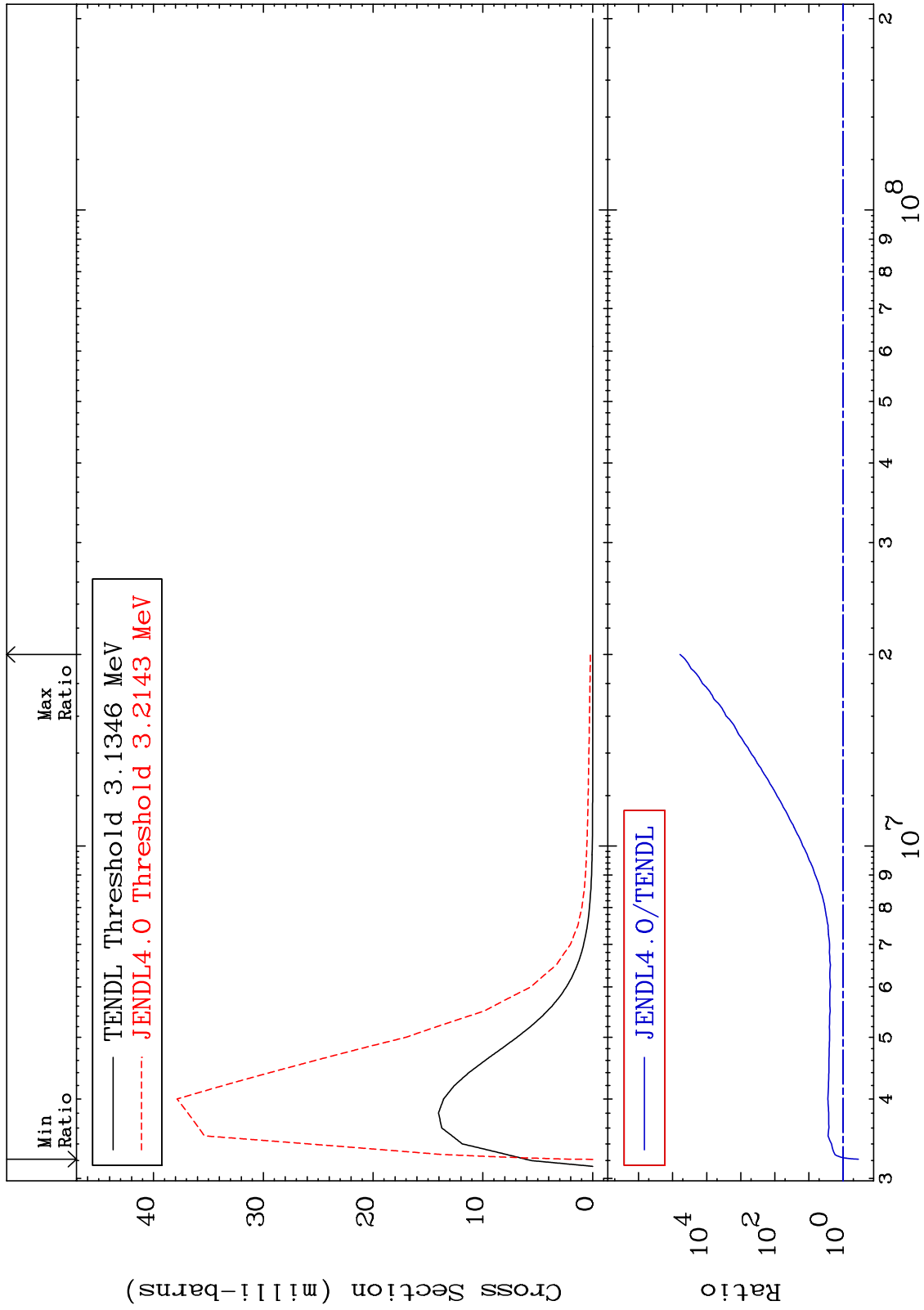


MAT 5031 MT= 77 (n,n') Level Cross Section 50-Sn-114 To 396.7 %



Incident Energy (eV) 50-Sn-114

MAT 5031 MT= 78 (n,n') Level
Cross Section 50-Sn-114
-64.61 To 9999. %

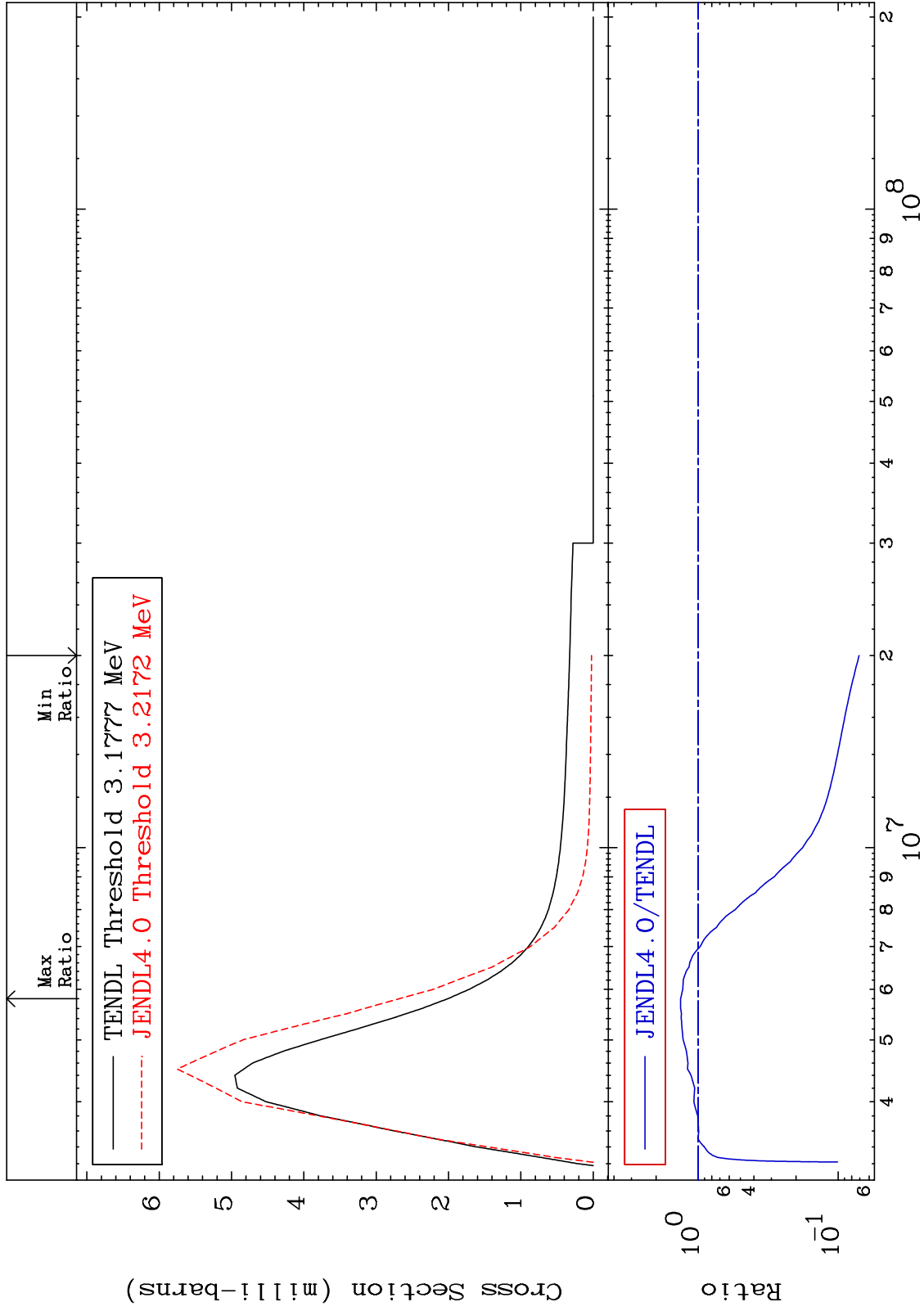


36 50-Sn-114

MAT 5031

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

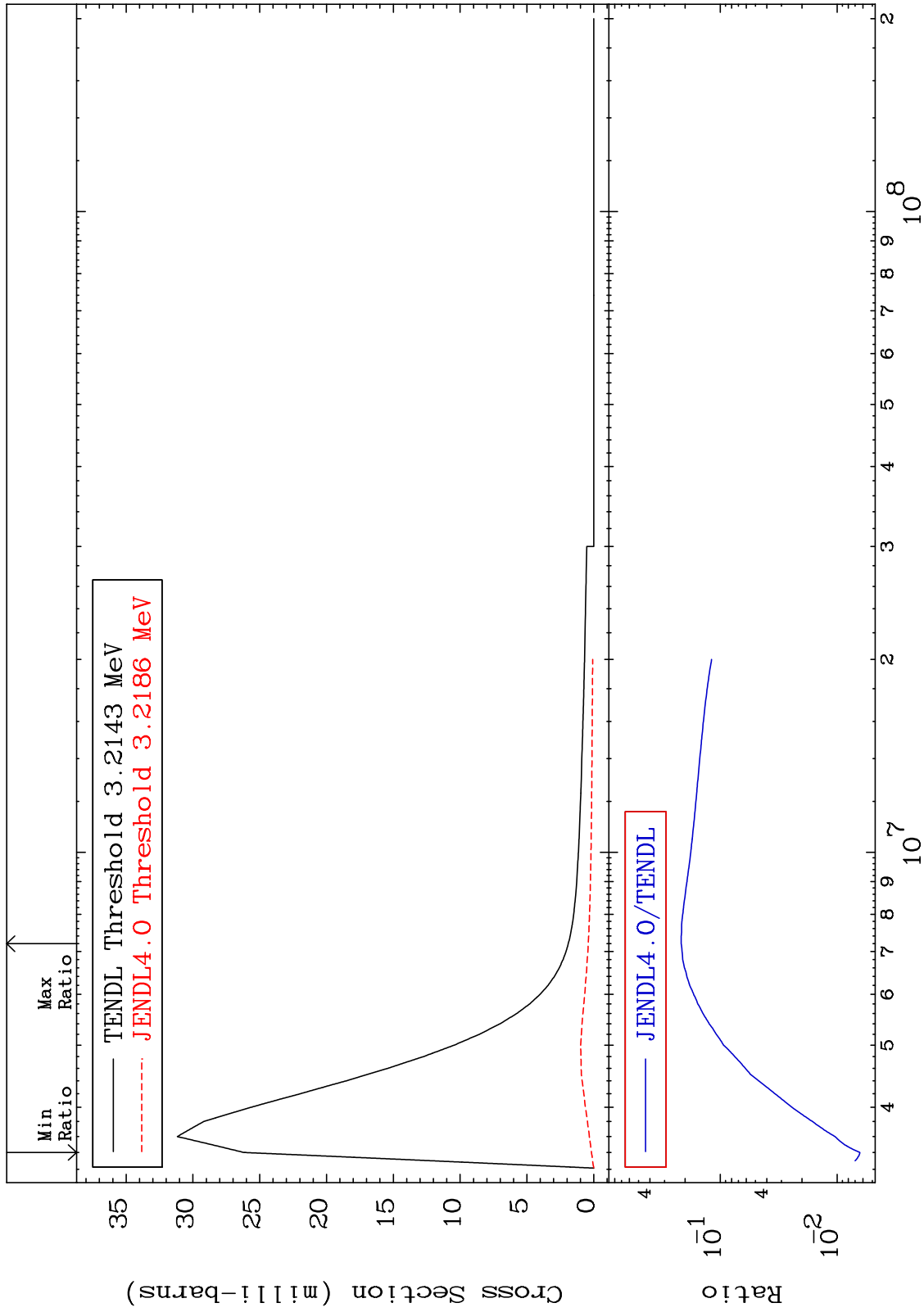
50-Sn-114
-92.92 To 33.56 %



MAT 5031

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

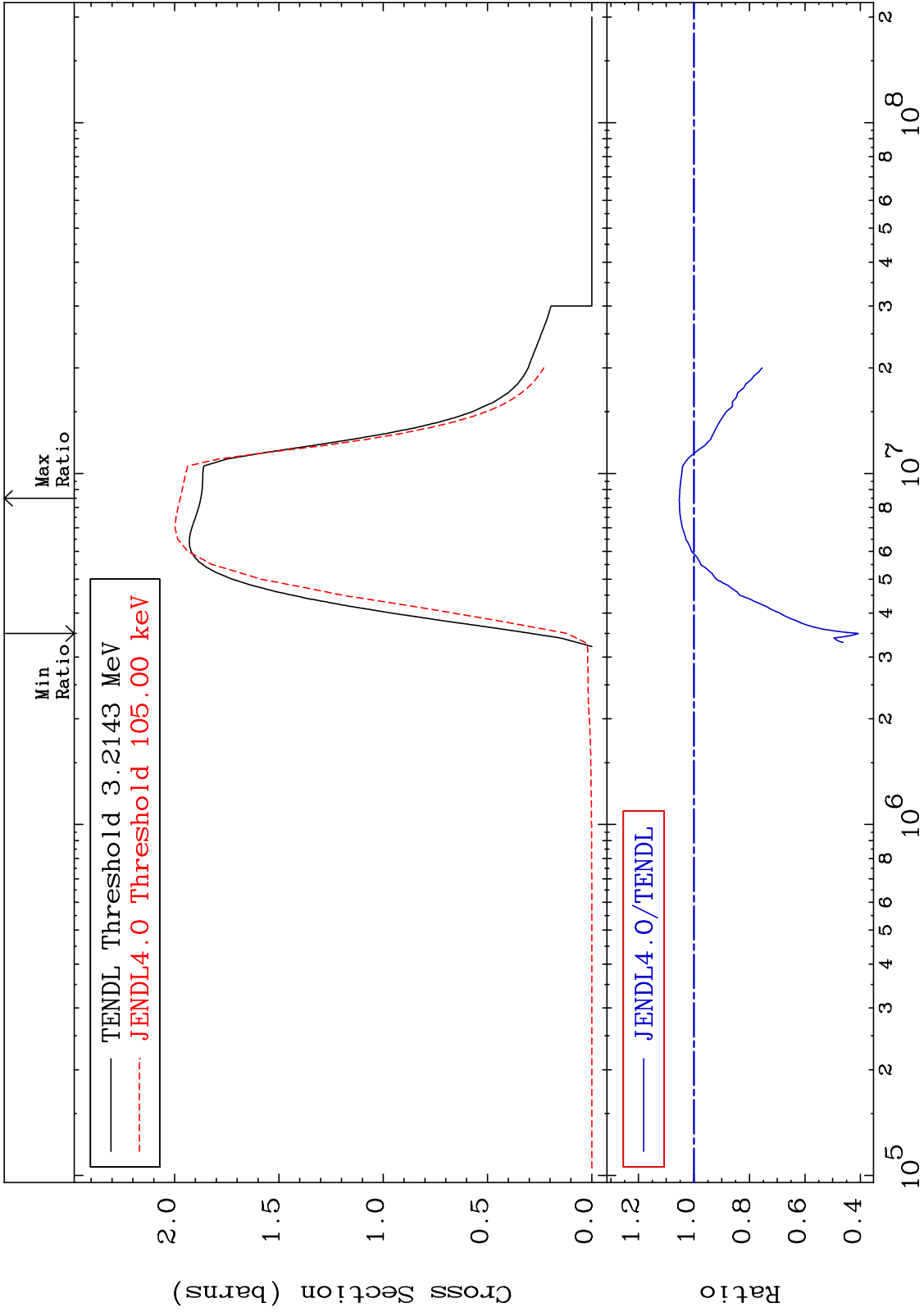
50-Sn-114
-99.36 To -78.41%



MAT 5031

(n, n') Continuum
Cross Section

50-Sn-114
-59.21 To 5.271 %



39

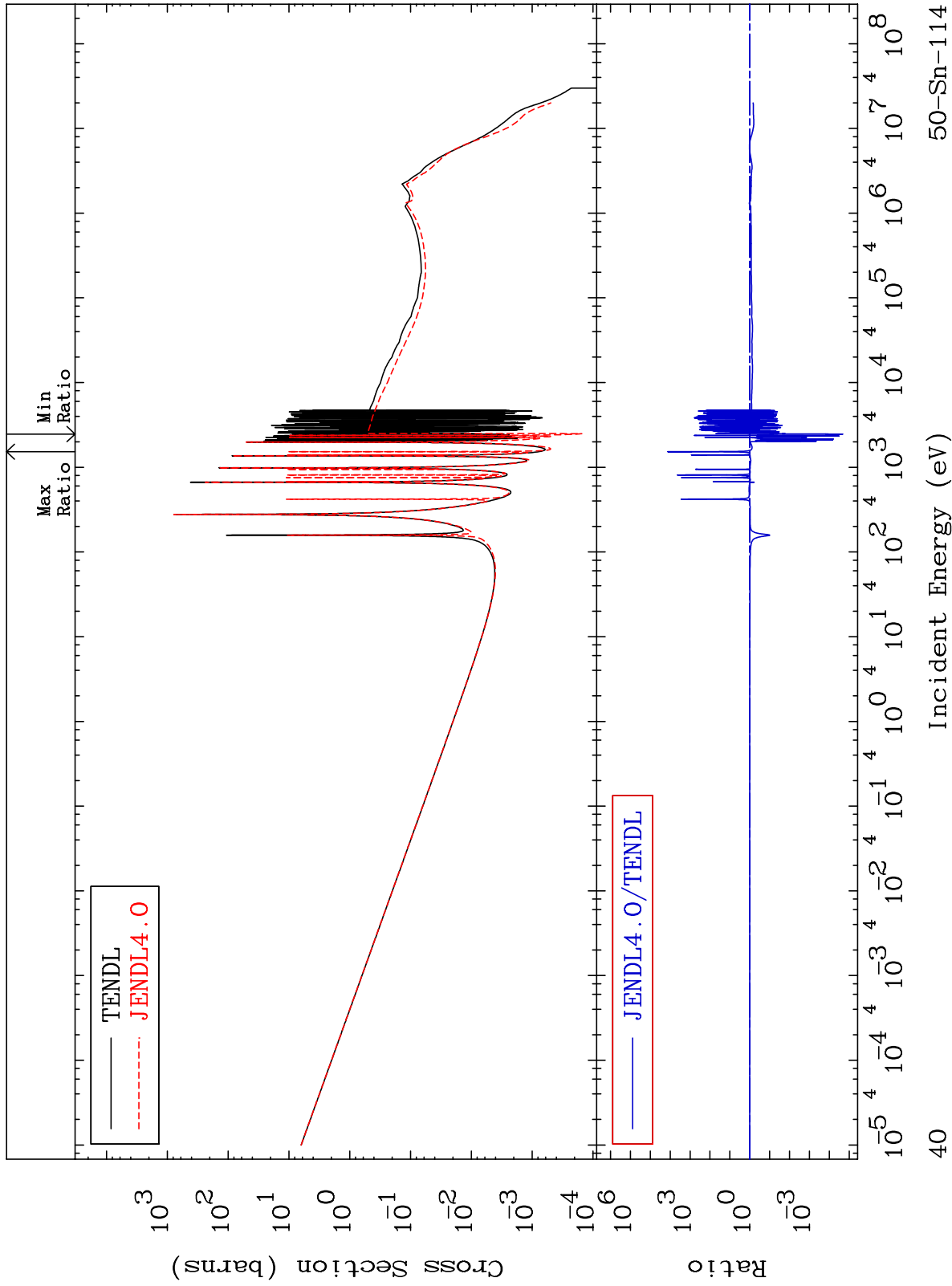
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, γ)
Cross Section

50-Sn-114
-100.0 To 9999. %



40

50-Sn-114

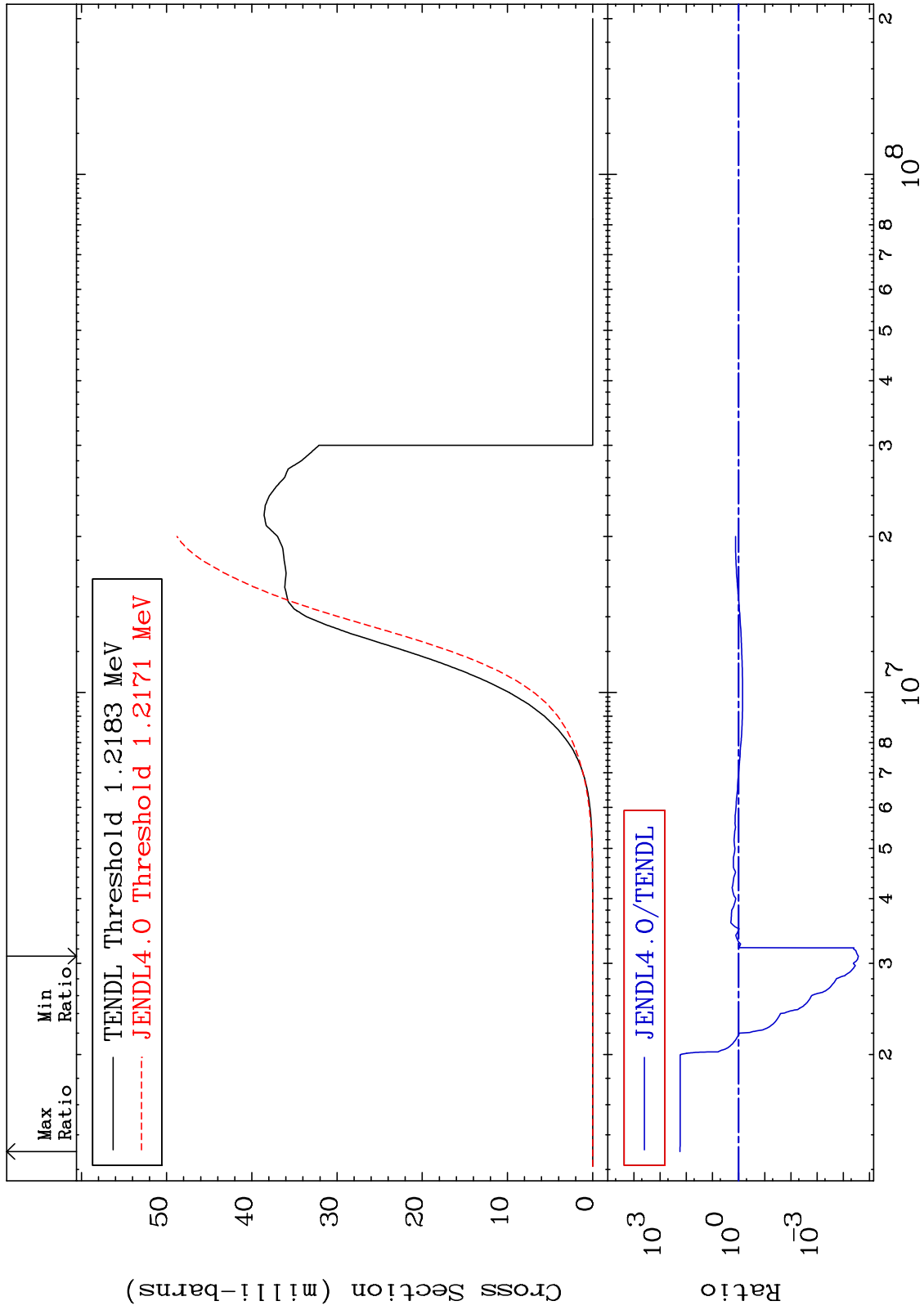
MAT 5031

(n,p)

50-Sn-114

Cross Section

-100.0 To 9999. %



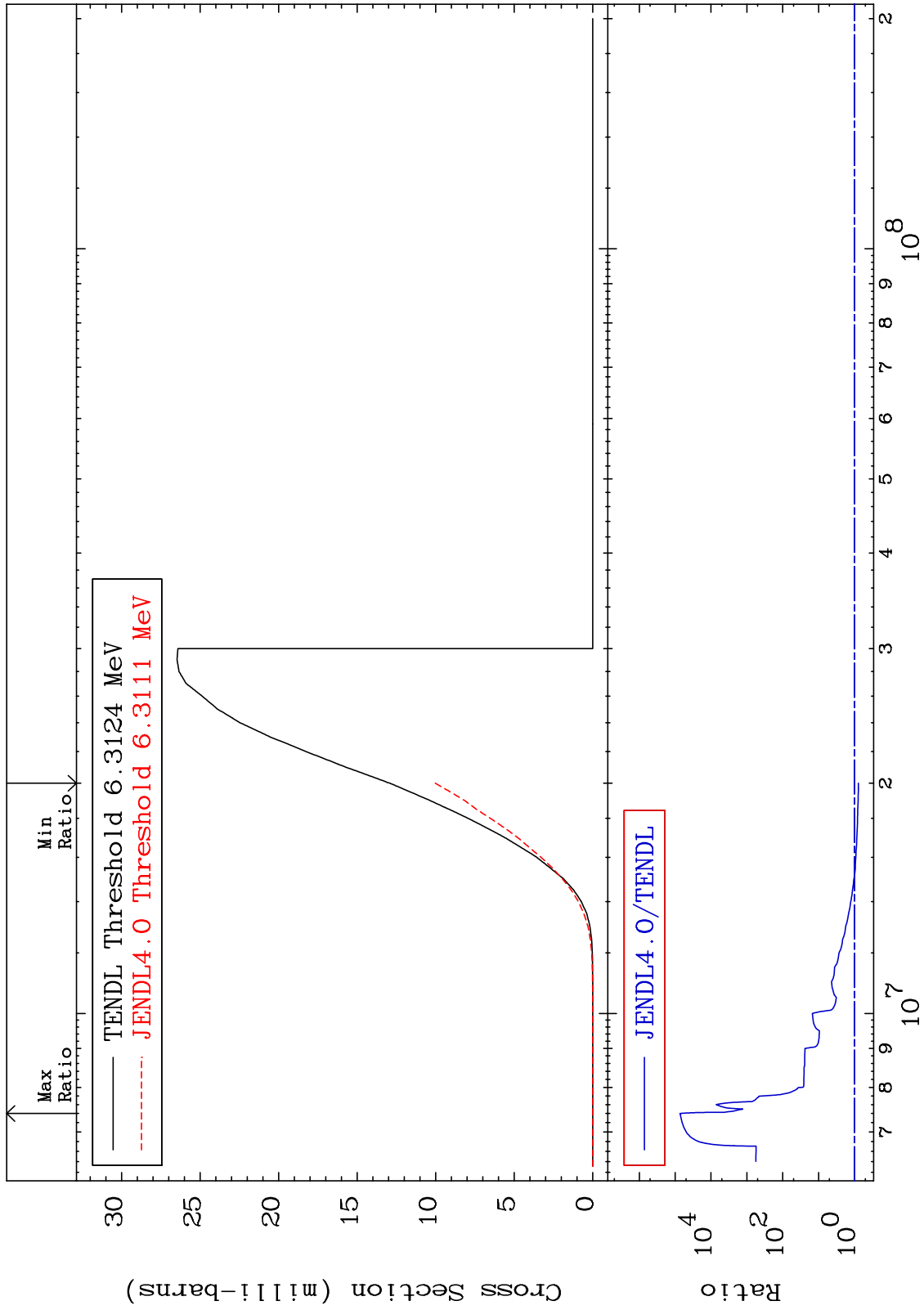
MAT 5031

(n,d)

50-Sn-114

Cross Section

-22.45 To 9999. %



42

Incident Energy (eV)

50-Sn-114

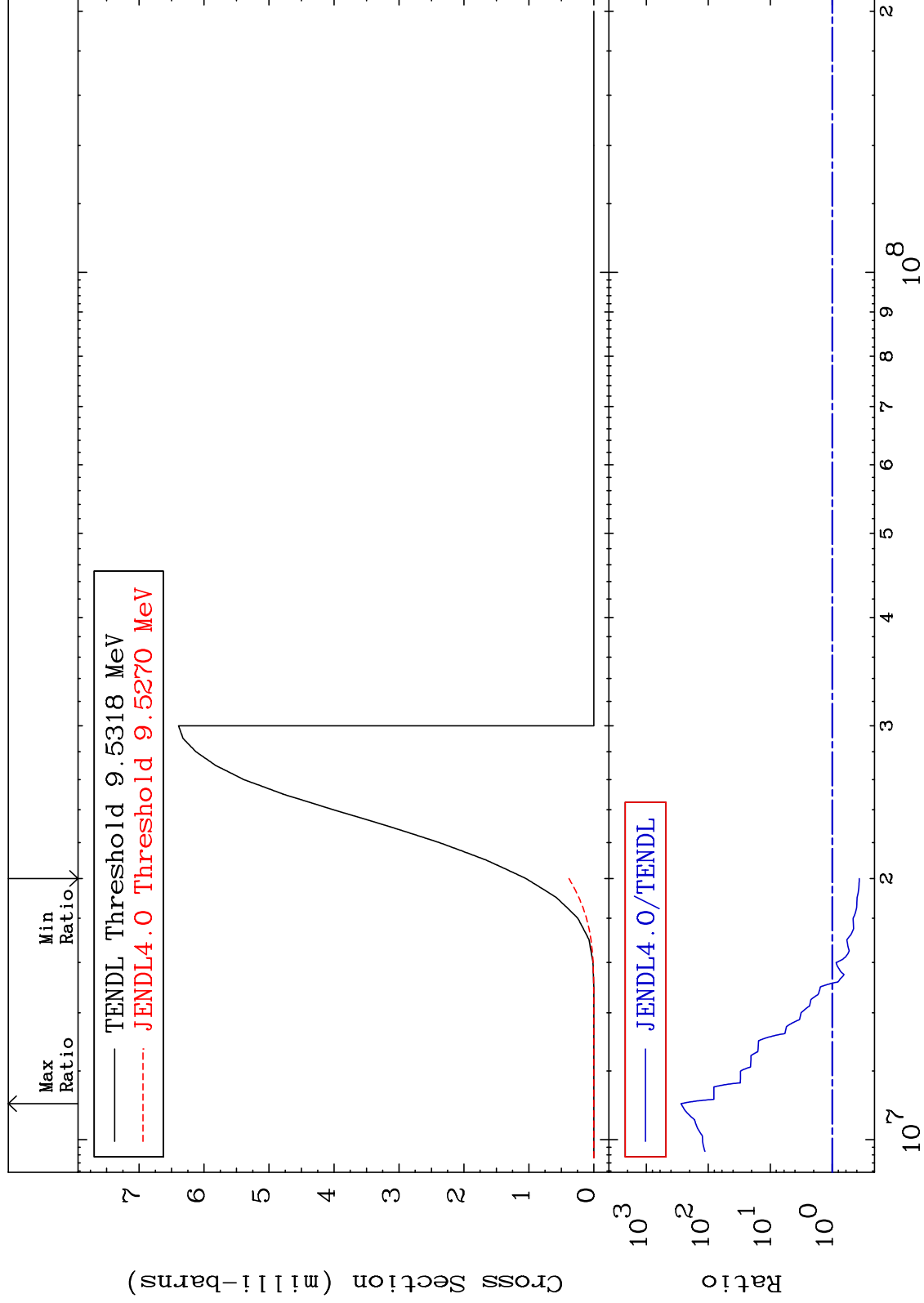
MAT 5031

(n, t)

50-Sn-114

Cross Section

-63.38 To 9999. %



50-Sn-114

Incident Energy (eV)

43

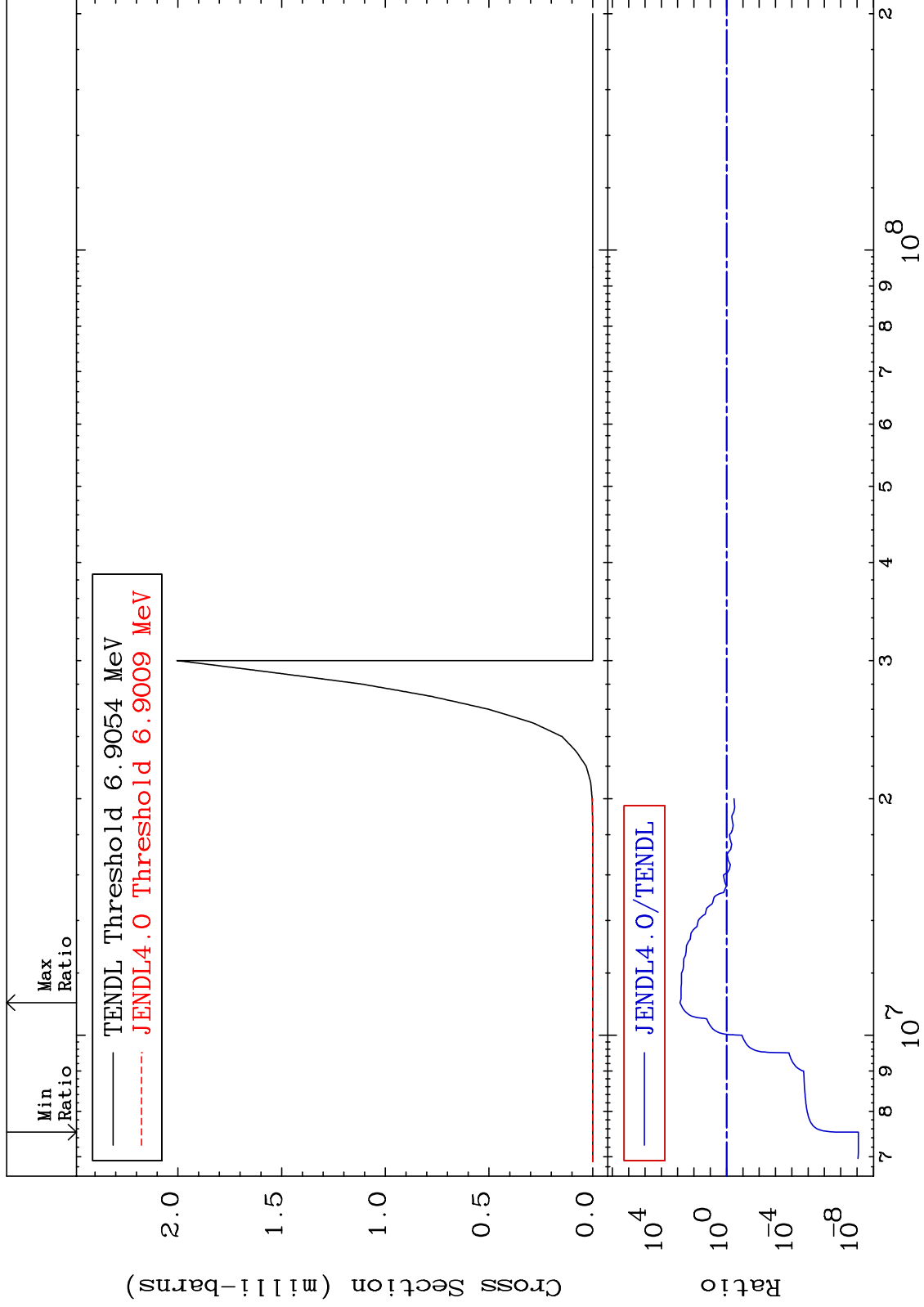
MAT 5031

(n, He-3)

50-Sn-114

Cross Section

-100.0 To 9999. %



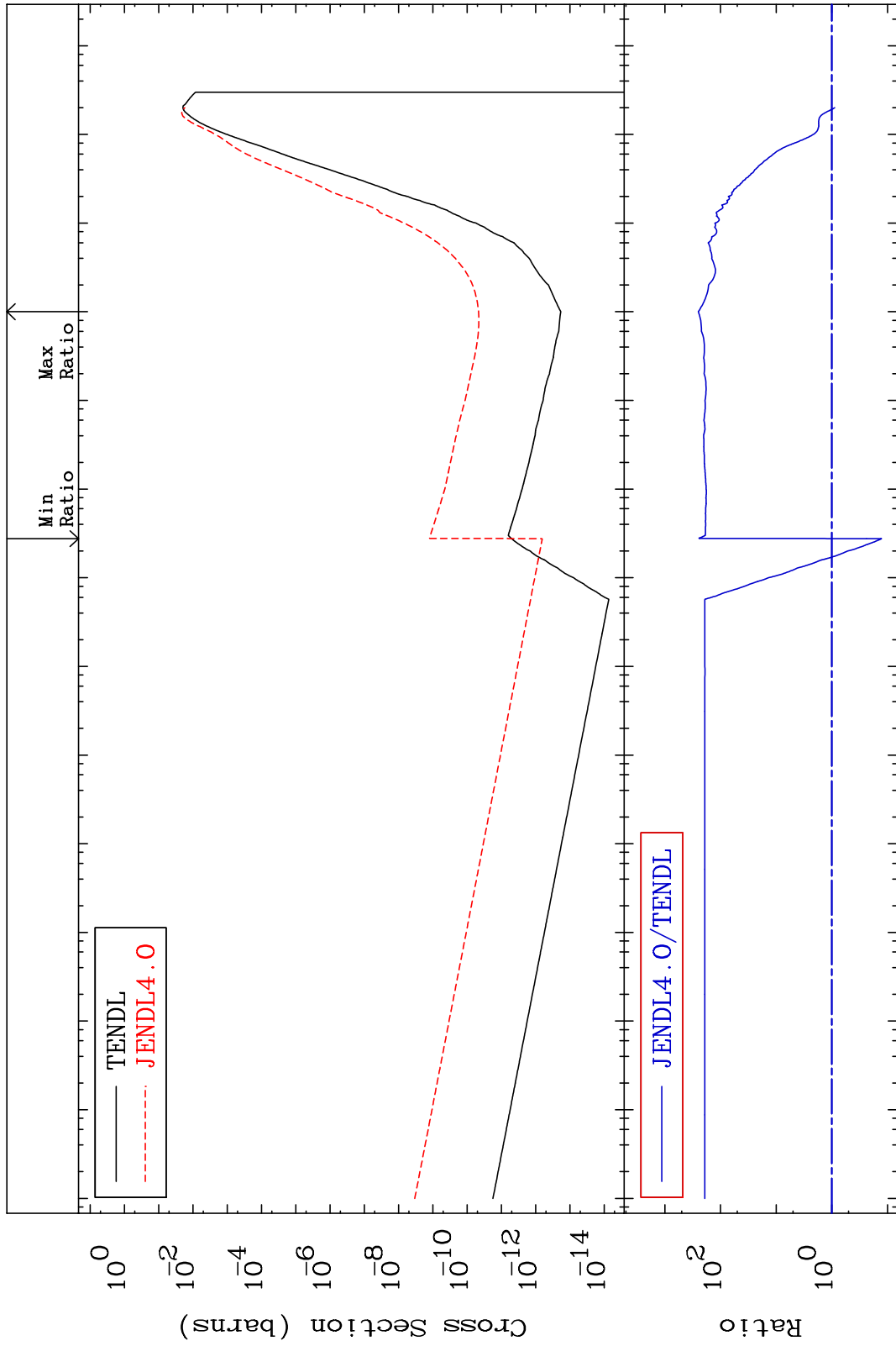
MAT 5031

(n, α)

50-Sn-114

Cross Section

-87.22 To 9999. %



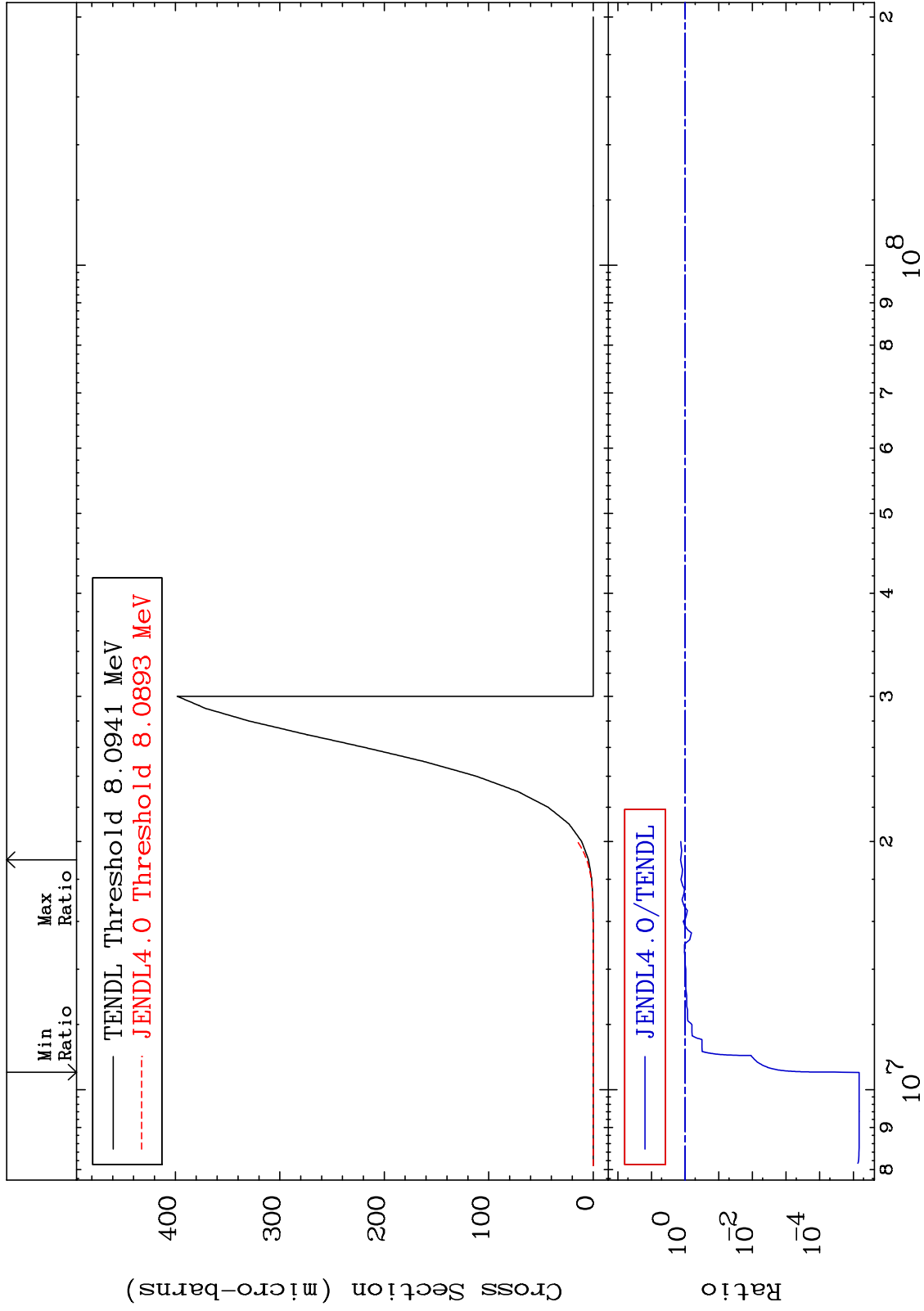
MAT 5031

(n,2p)

50-Sn-114

Cross Section

-100.0 To 36.26 %



46

Incident Energy (eV)

50-Sn-114

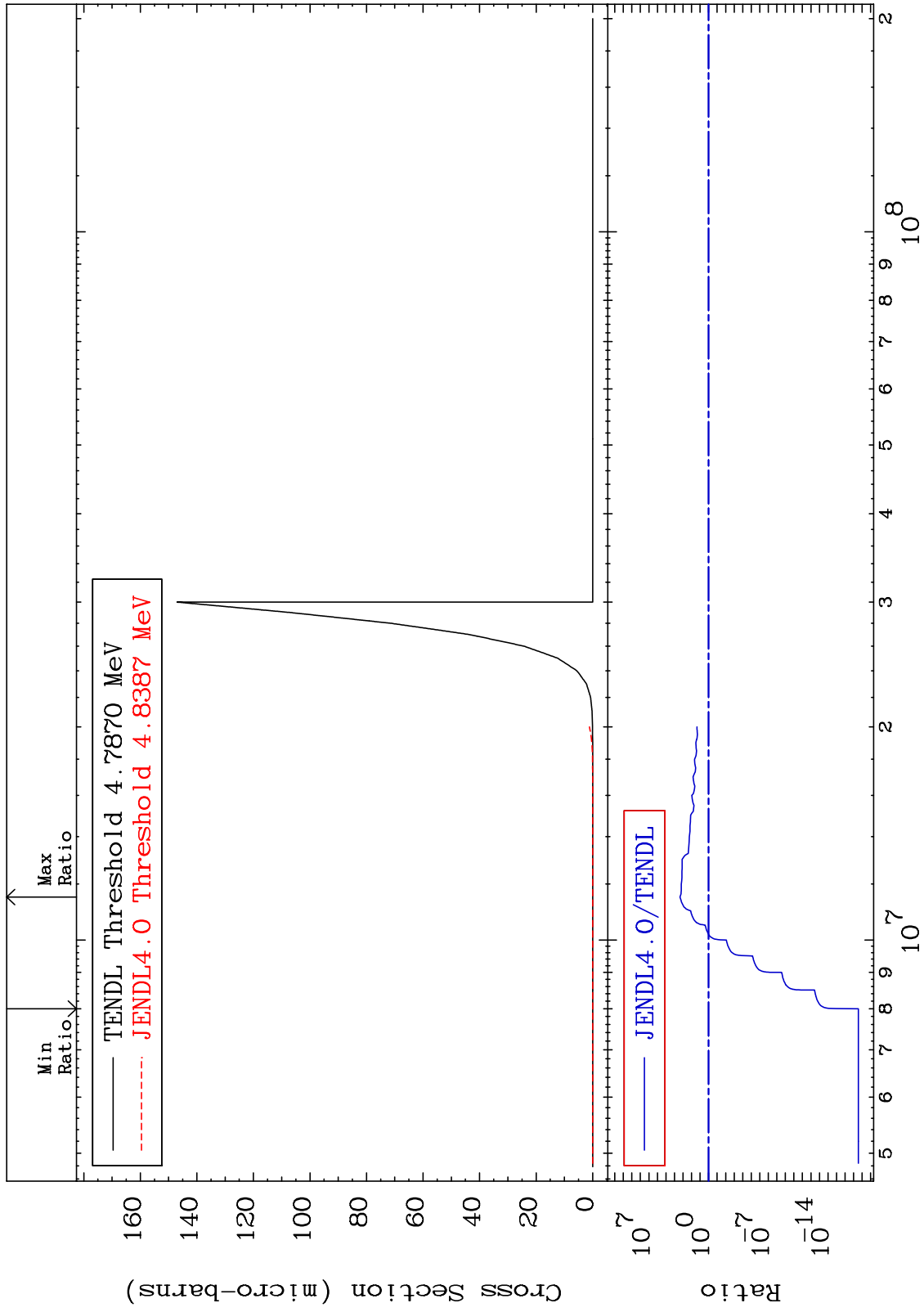
MAT 5031

(n,p) α

50-Sn-114

Cross Section

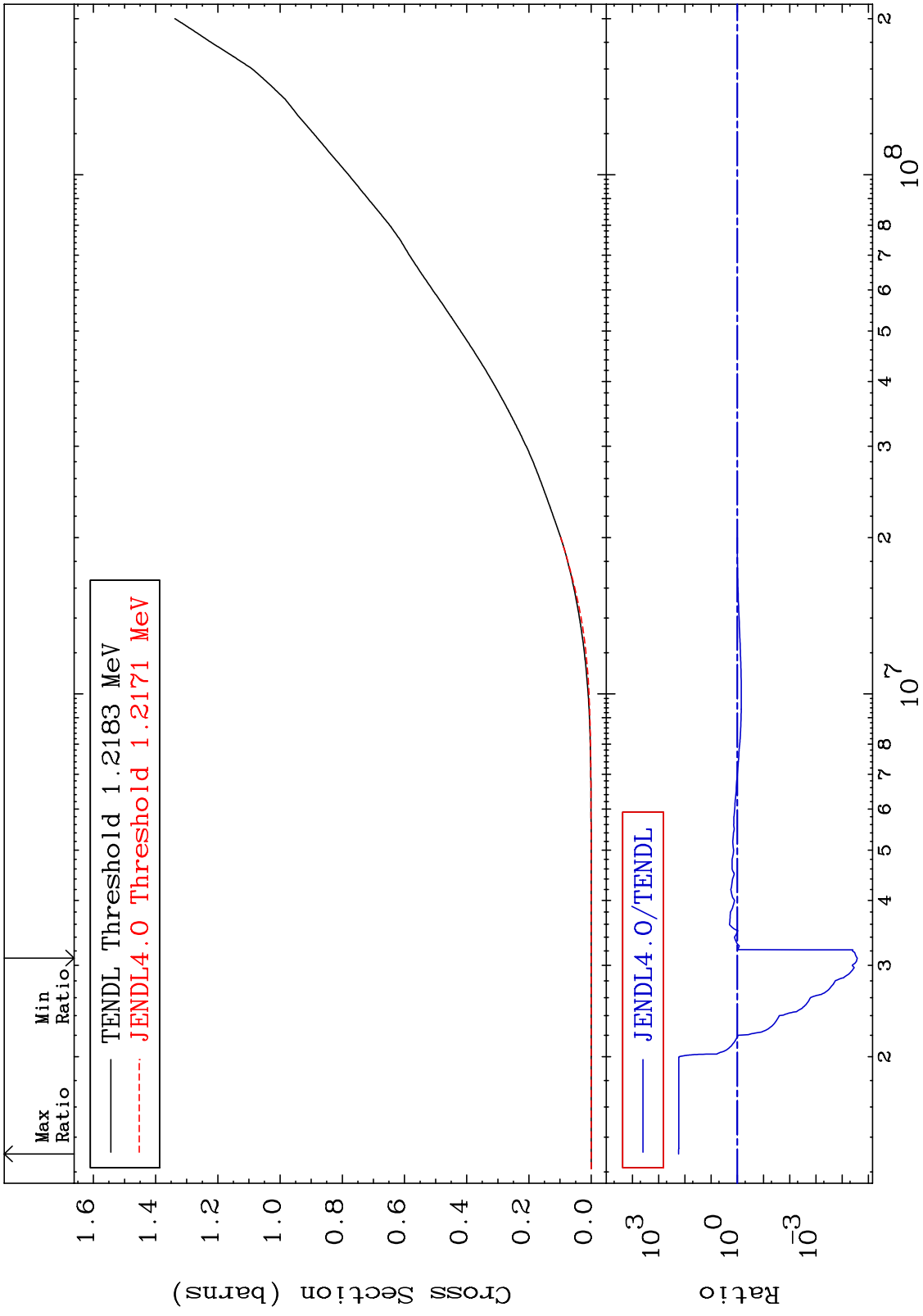
-100.0 To 9999. %



MAT 5031

Hydrogen Production
Cross Section

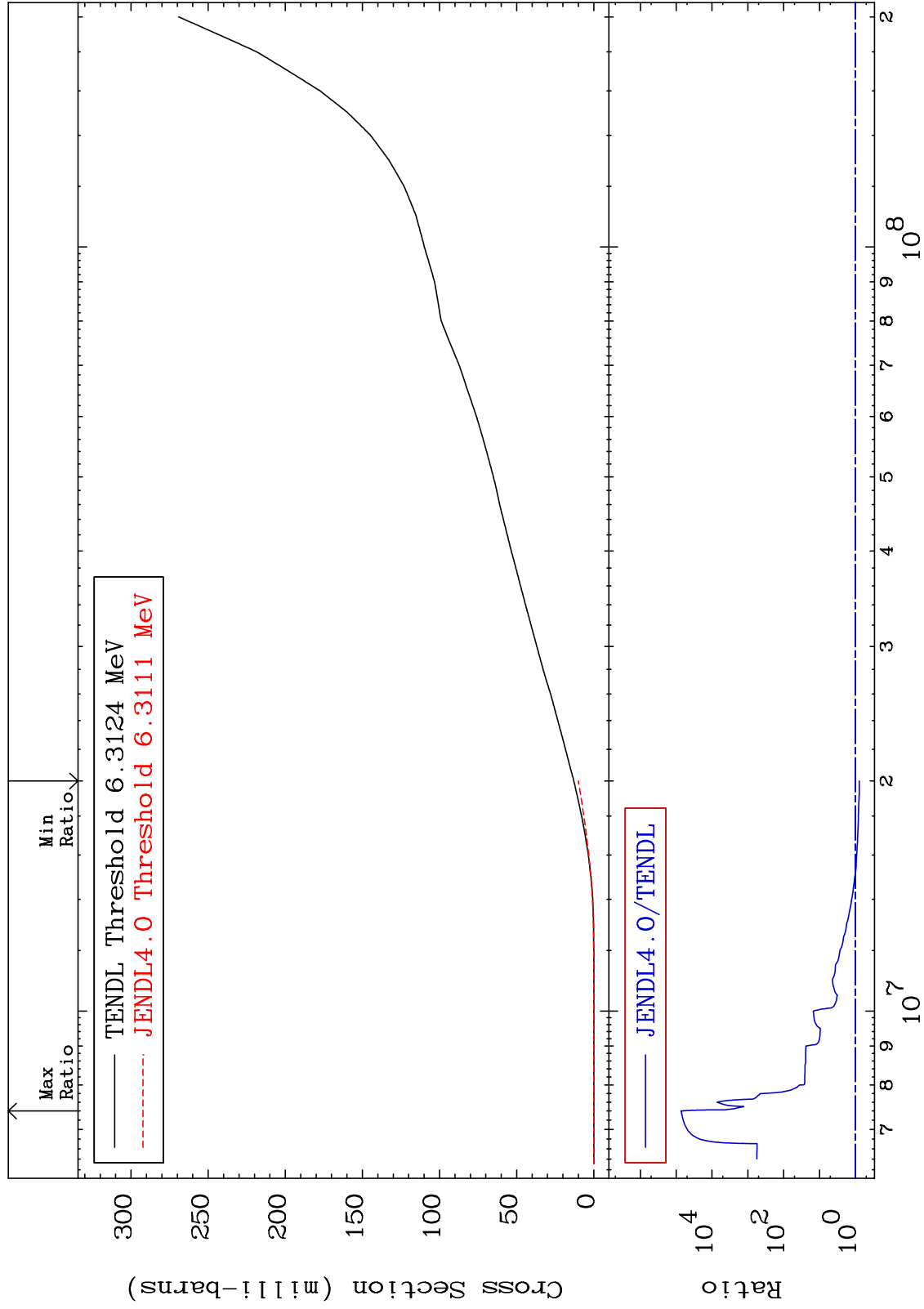
50-Sn-114
-100.0 To 9999. %



MAT 5031

Deuterium Production
Cross Section

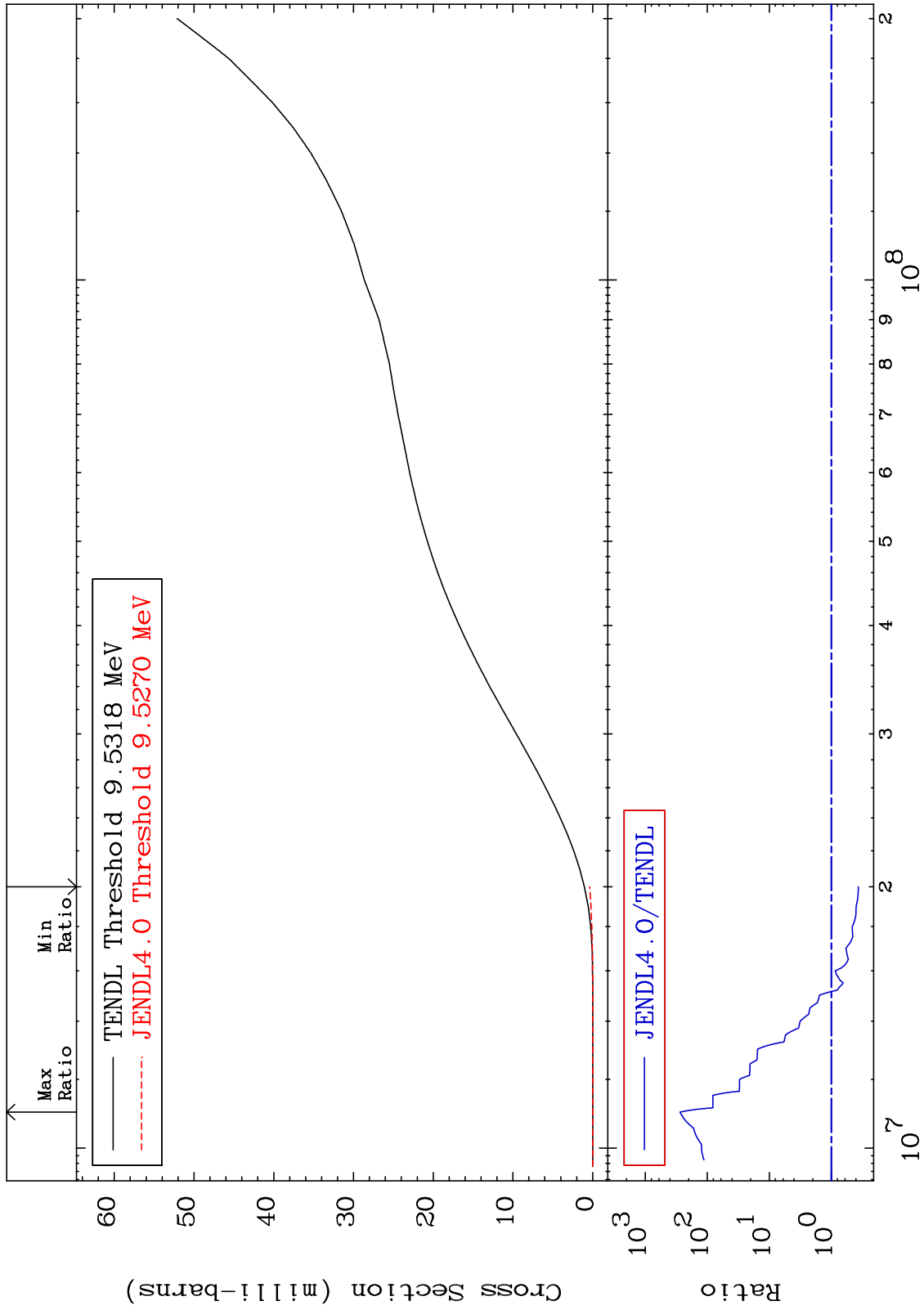
50-Sn-114
-22.44 To 9999. %



MAT 5031

Tritium Production
Cross Section

50-Sn-114
-63.38 To 9999. %



50-Sn-114

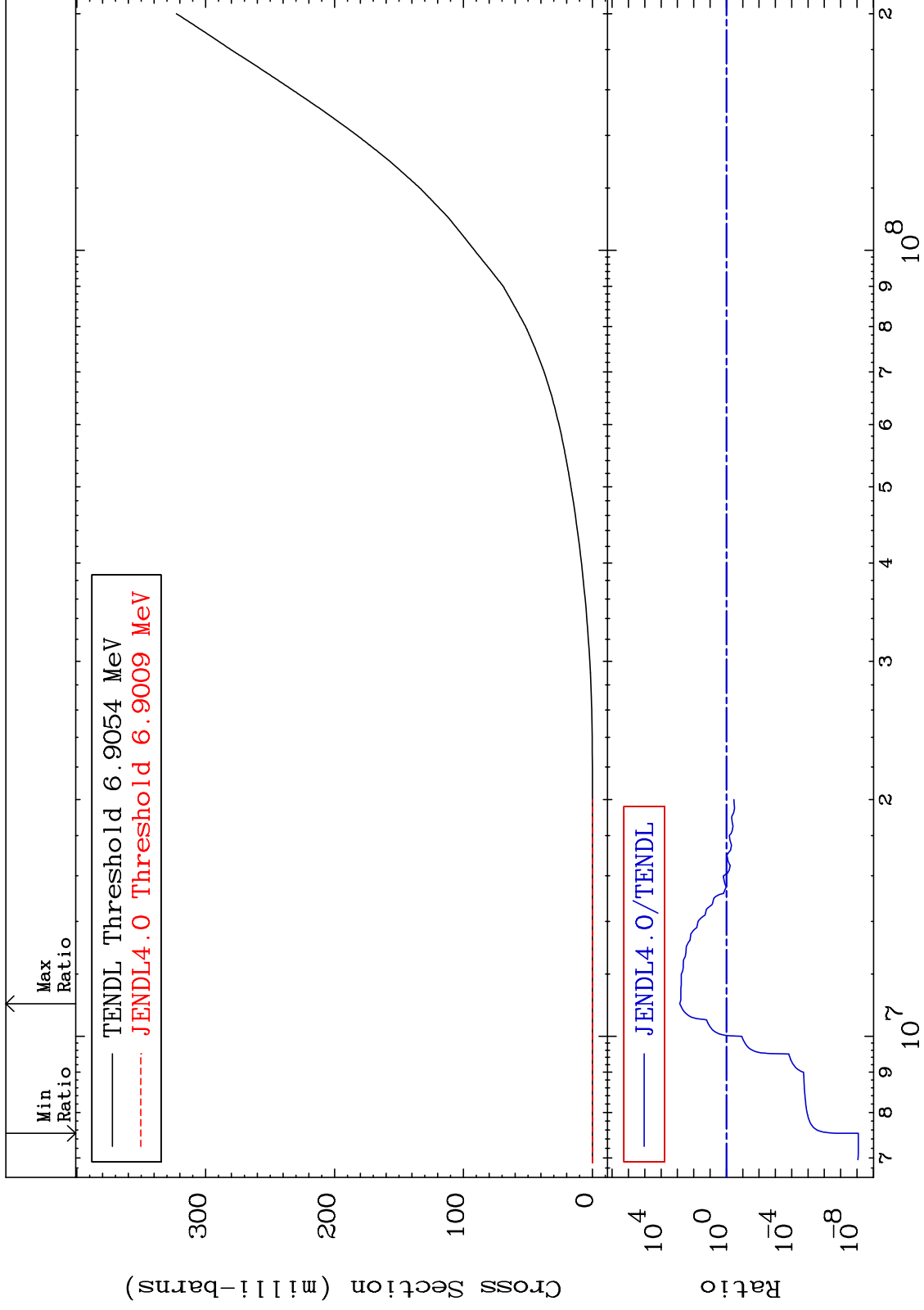
Incident Energy (eV)

50

MAT 5031

He-3 Production
Cross Section

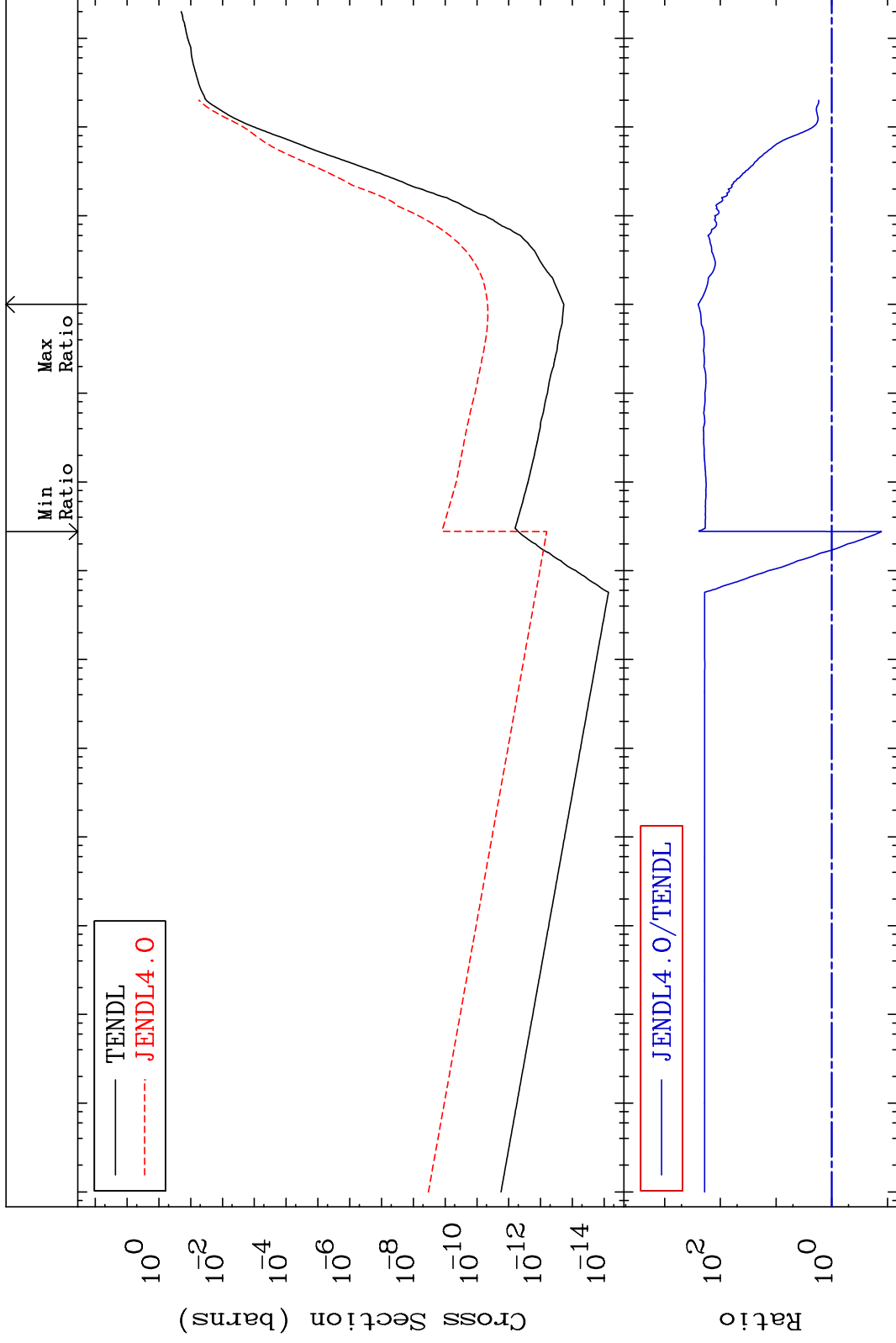
50-Sn-114
-100.0 To 9999. %



MAT 5031

He-4 Production
Cross Section

50-Sn-114
-87.22 To 9999. %



52

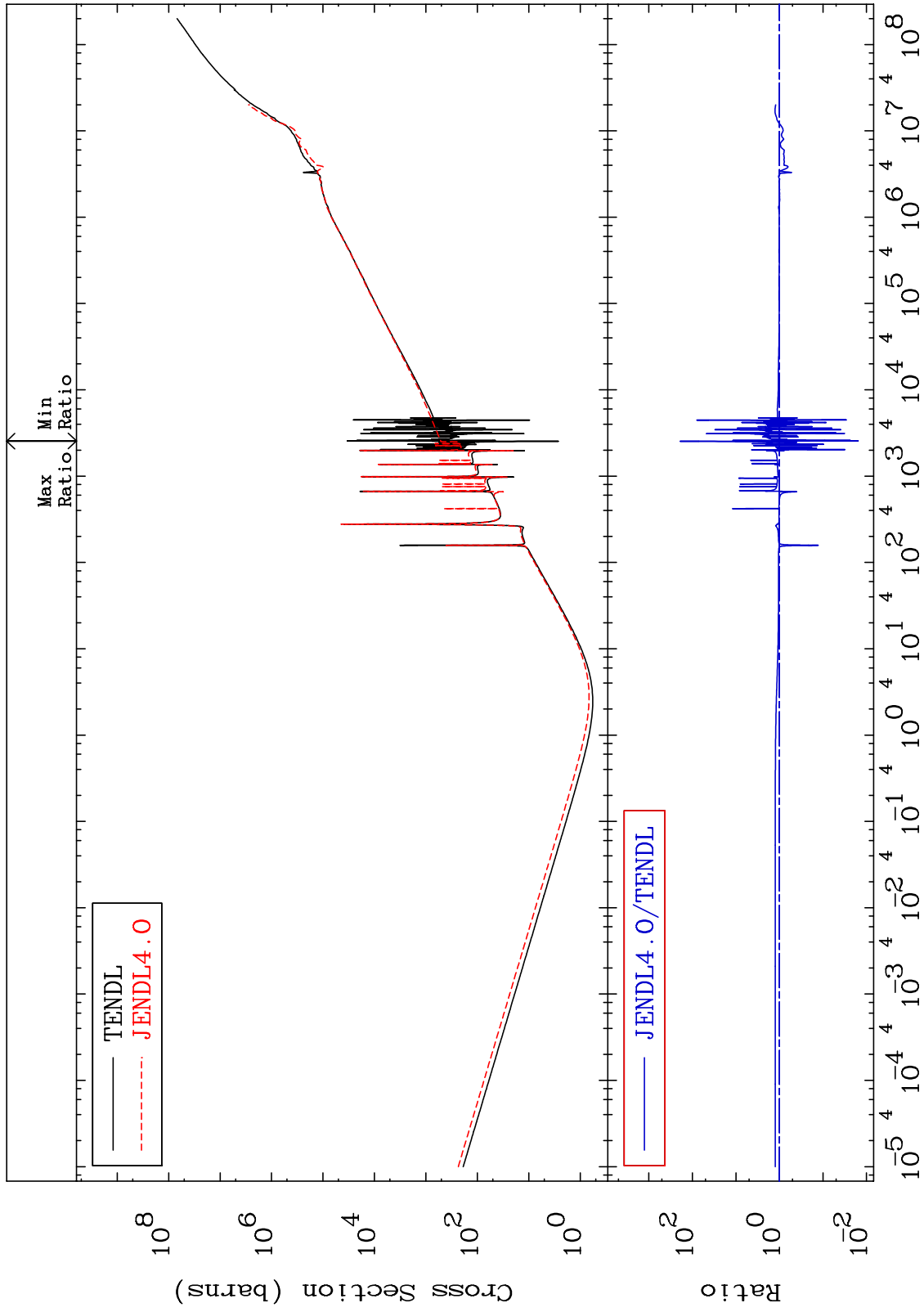
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma total (eV-barns)
Cross Section

50-Sn-114
-98.46 To 9999. %



53

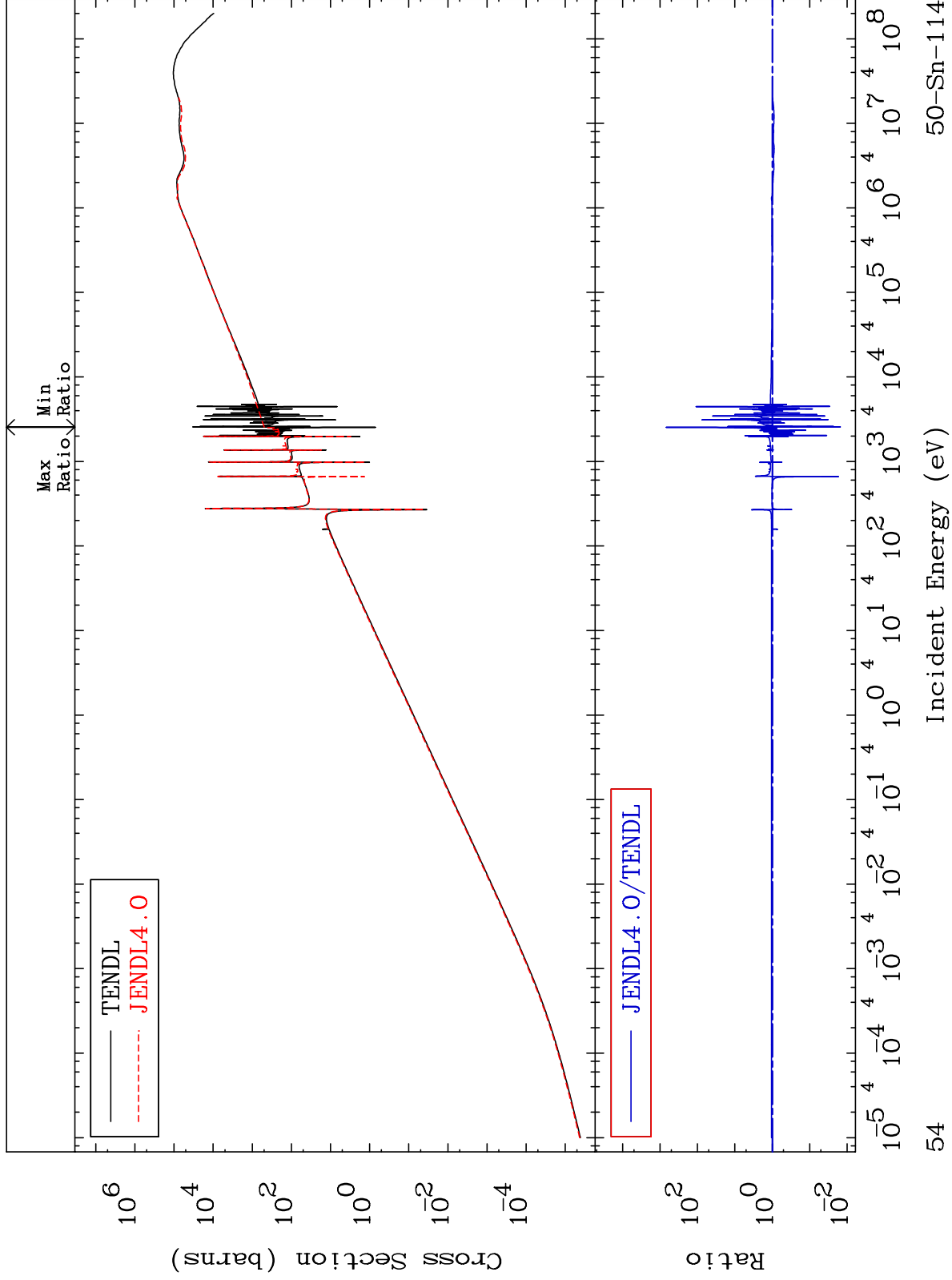
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma elastic
Cross Section

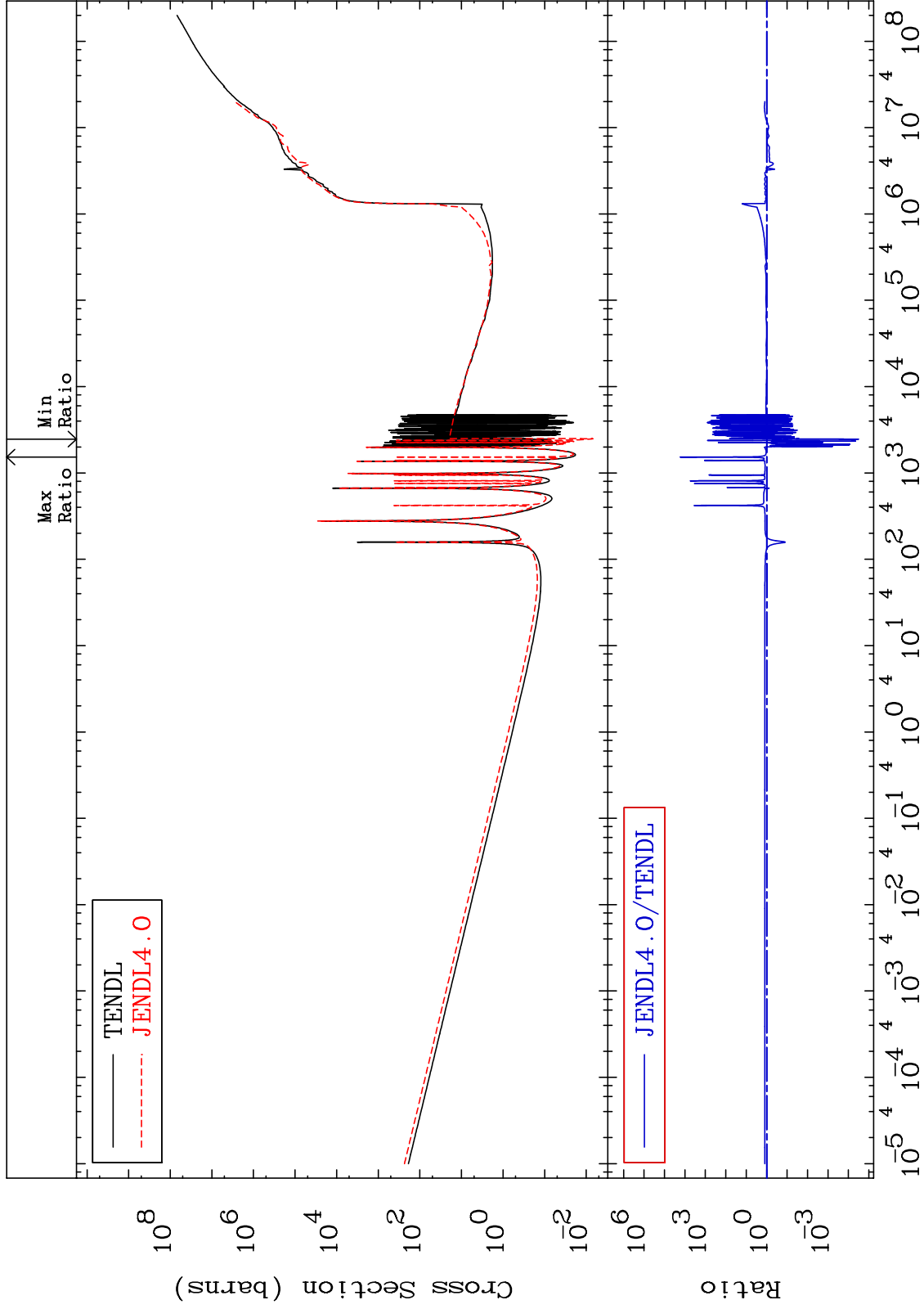
50-Sn-114
-98.51 To 9999. %



MAT 5031

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-114
-100.0 To 9999. %



55

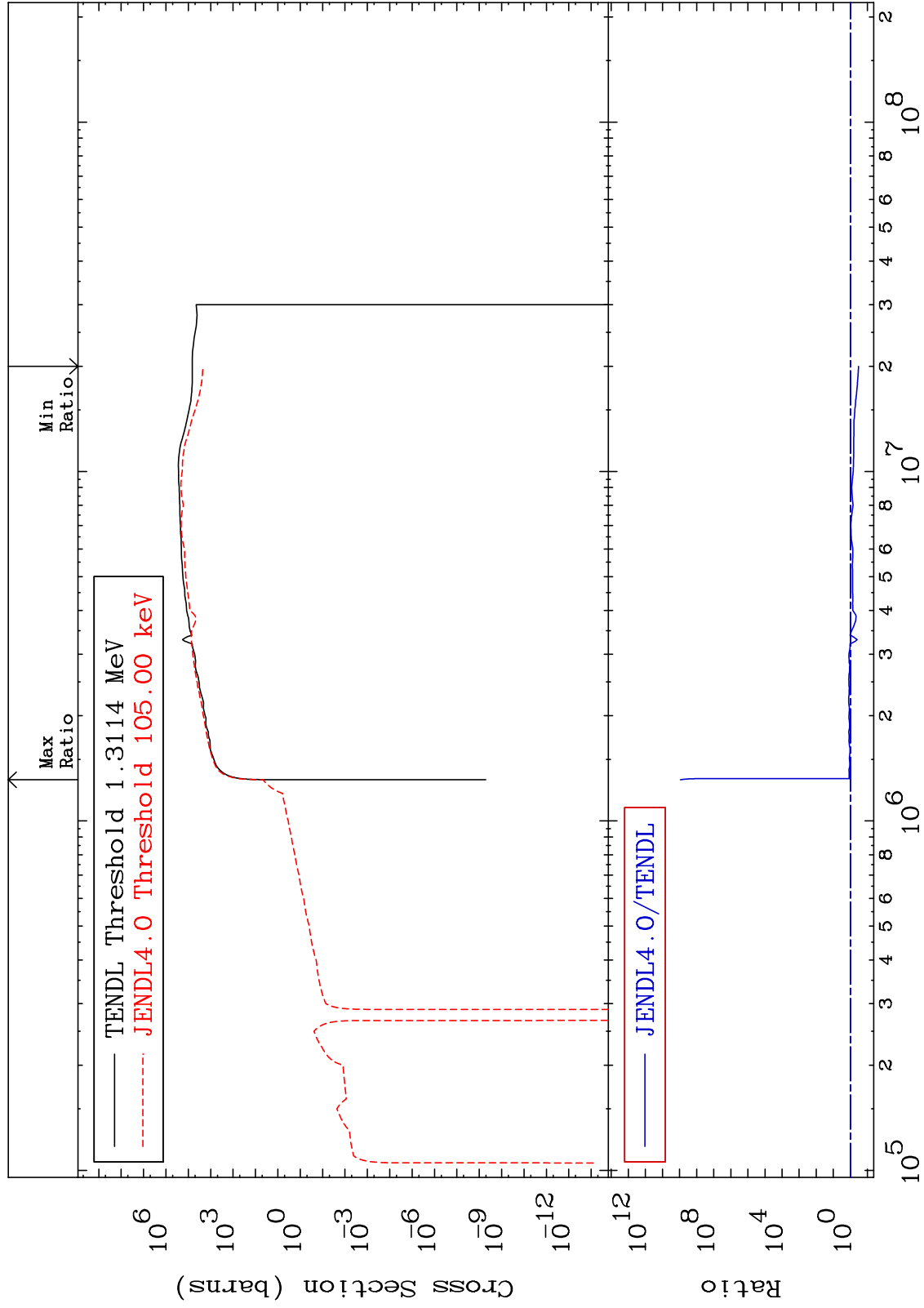
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma inelastic (mt51-91)
Cross Section

50-Sn-114
-66.59 To 9999. %



56

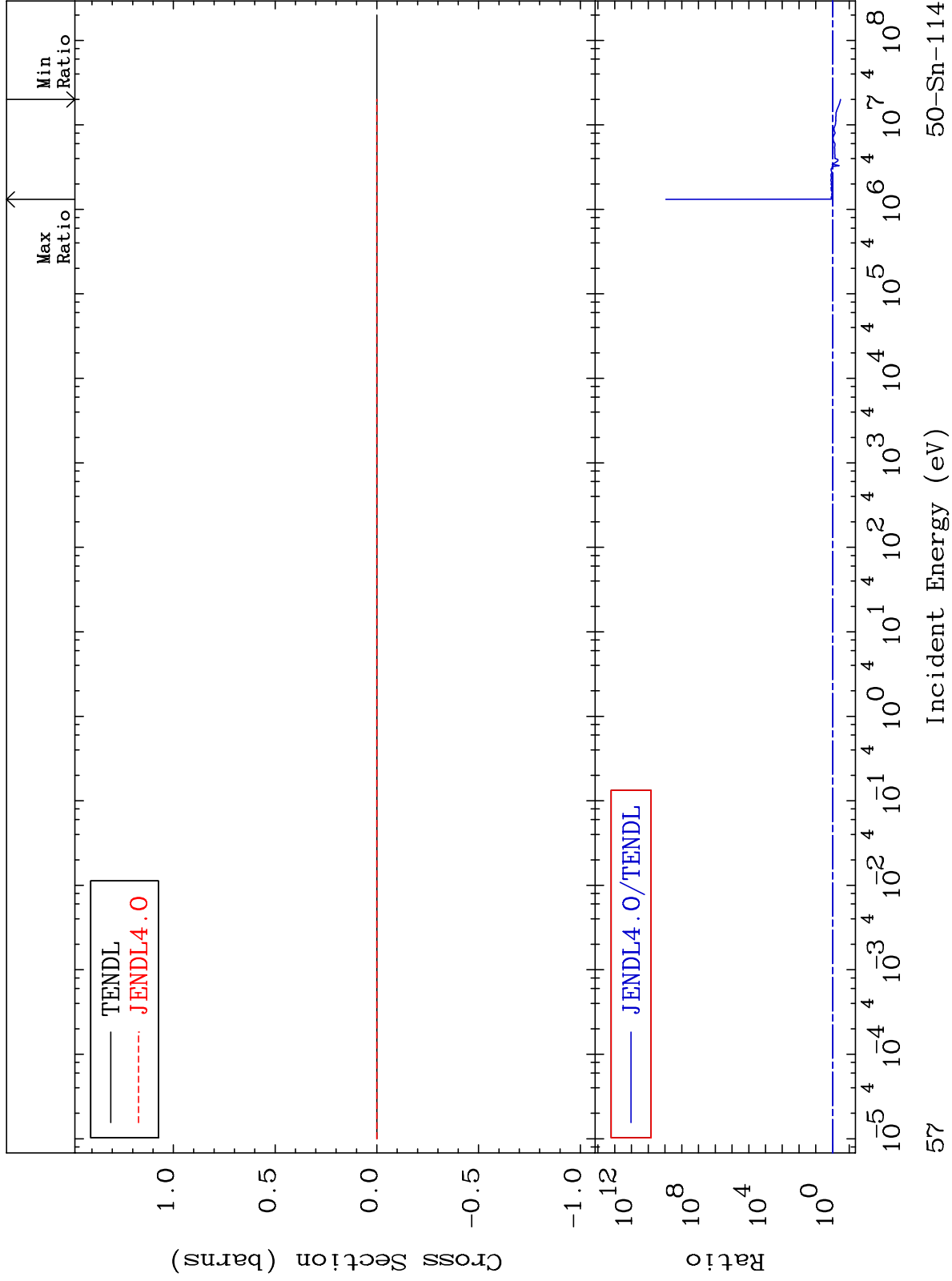
Incident Energy (eV)

50-Sn-114

MAT 5031

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

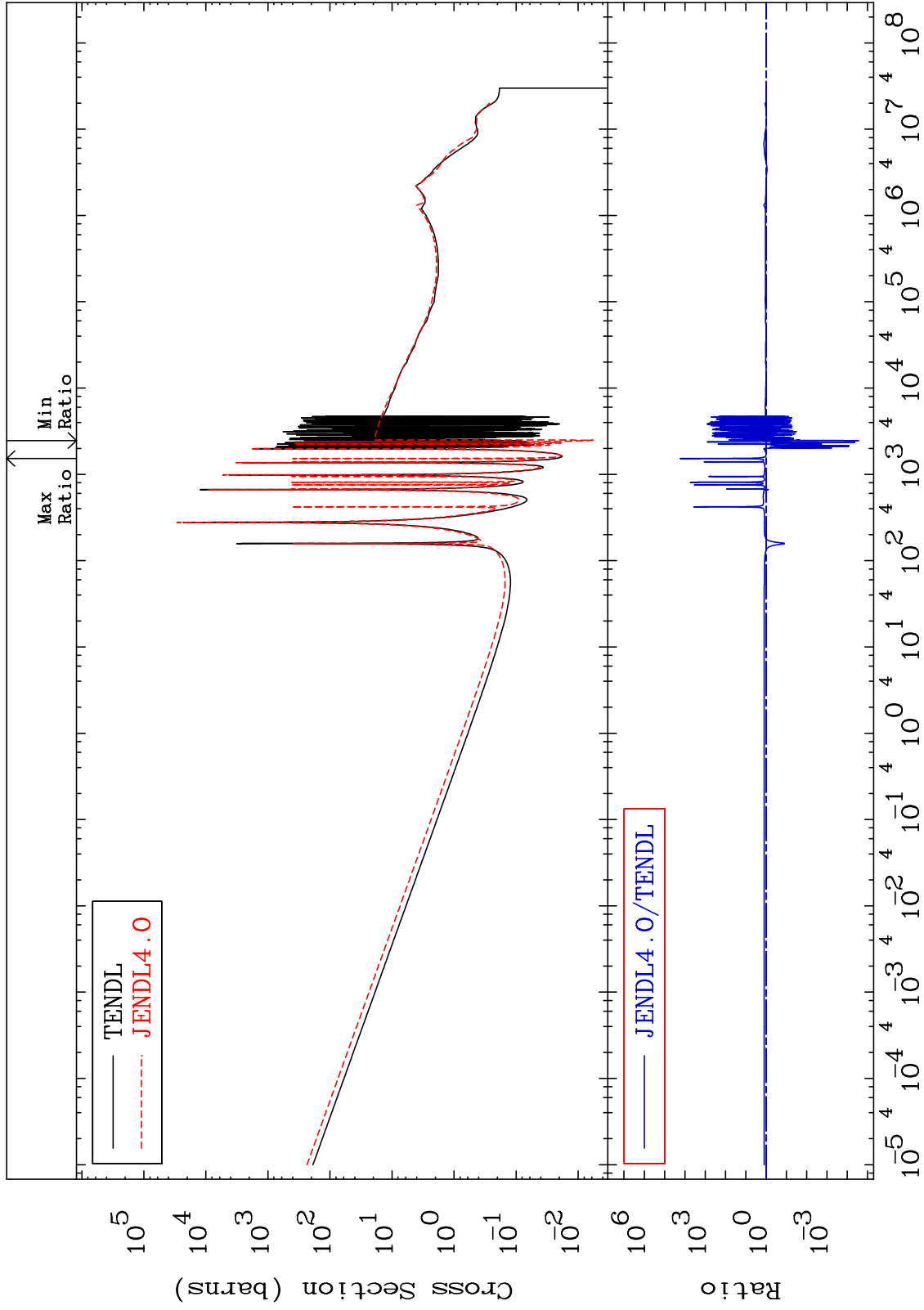
50-Sn-114
-66.59 To 9999. %



MAT 5031

Kerma capture (mt102)
Cross Section

50-Sn-114
-100.0 To 9999. %



58

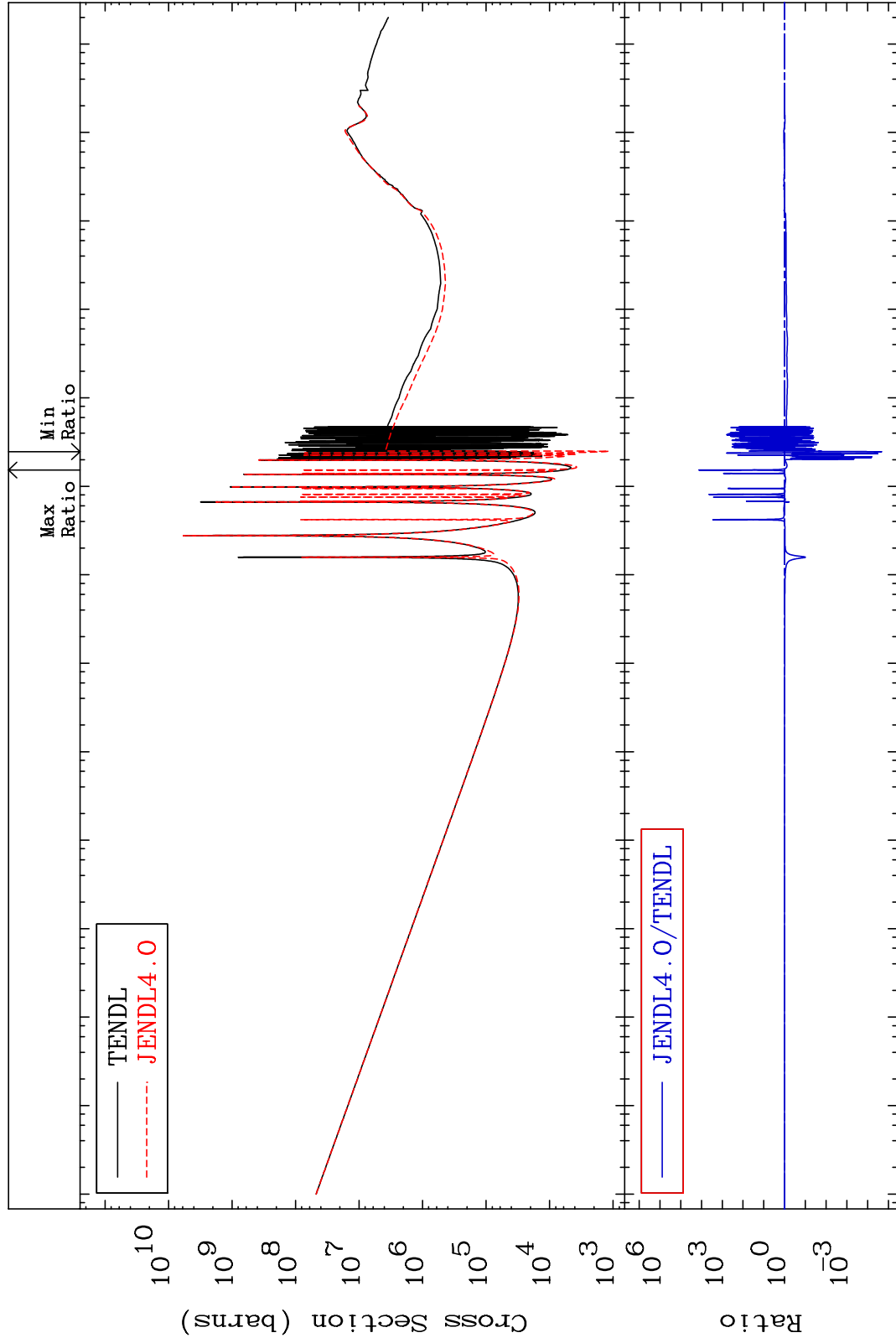
Incident Energy (eV)

50-Sn-114

MAT 5031

Total photon (eV-barns)
Cross Section

50-Sn-114
-100.0 To 9999. %



59

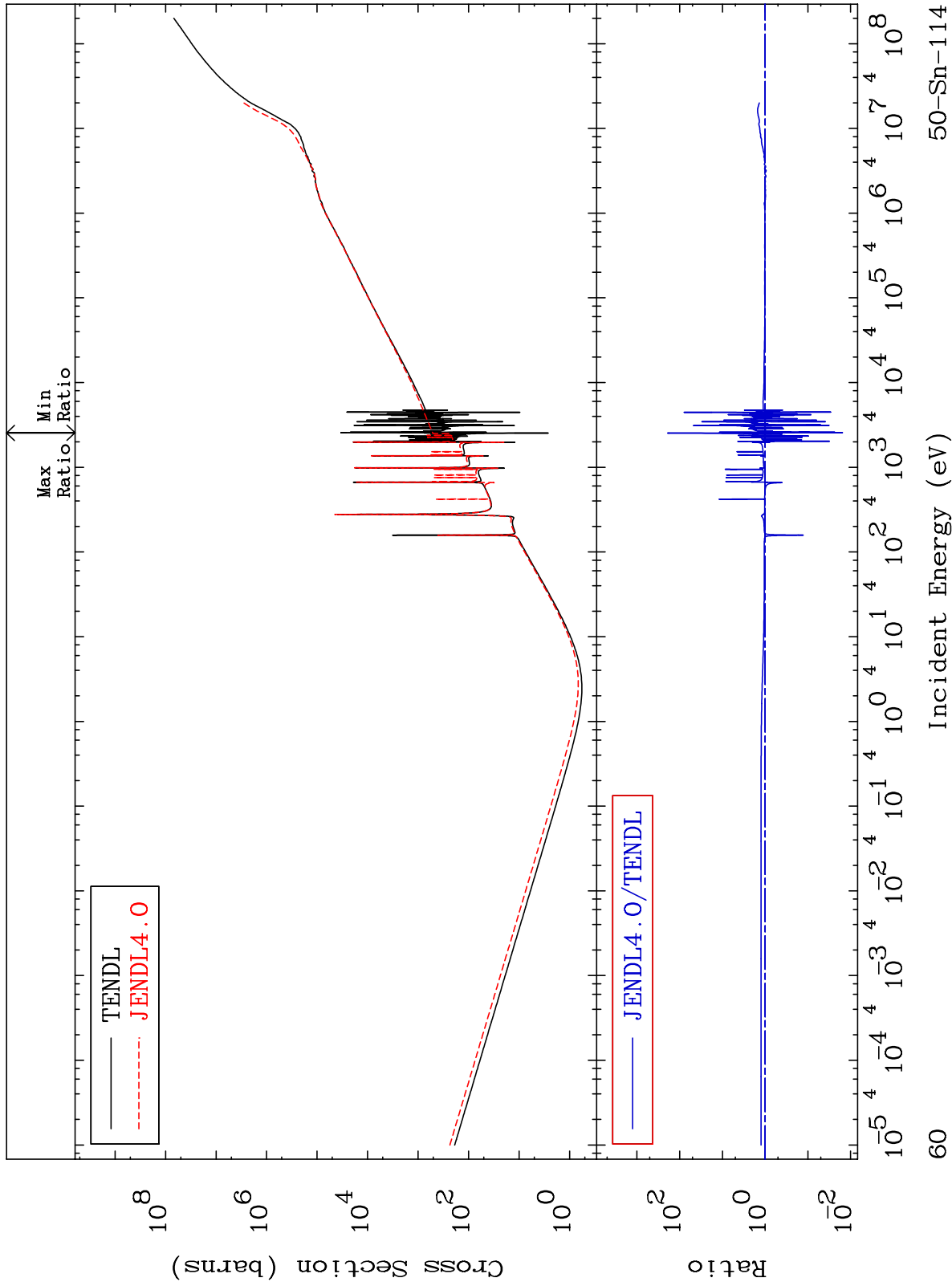
Incident Energy (eV)

50-Sn-114

MAT 5031

Total kinematic kerma (high limit)
Cross Section

50-Sn-114
-98.46 To 9999. %



60

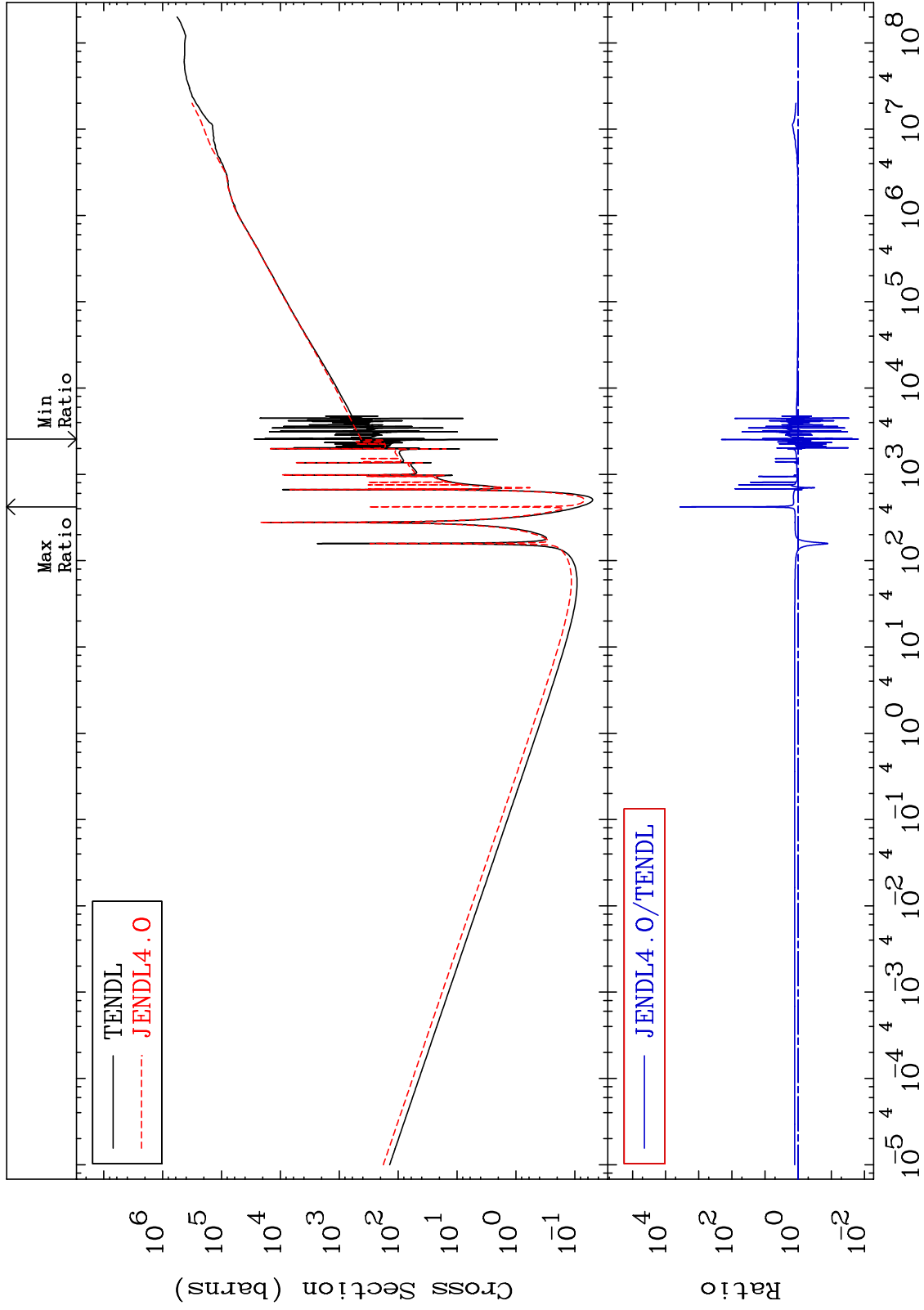
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa total (eV-barns)
Cross Section

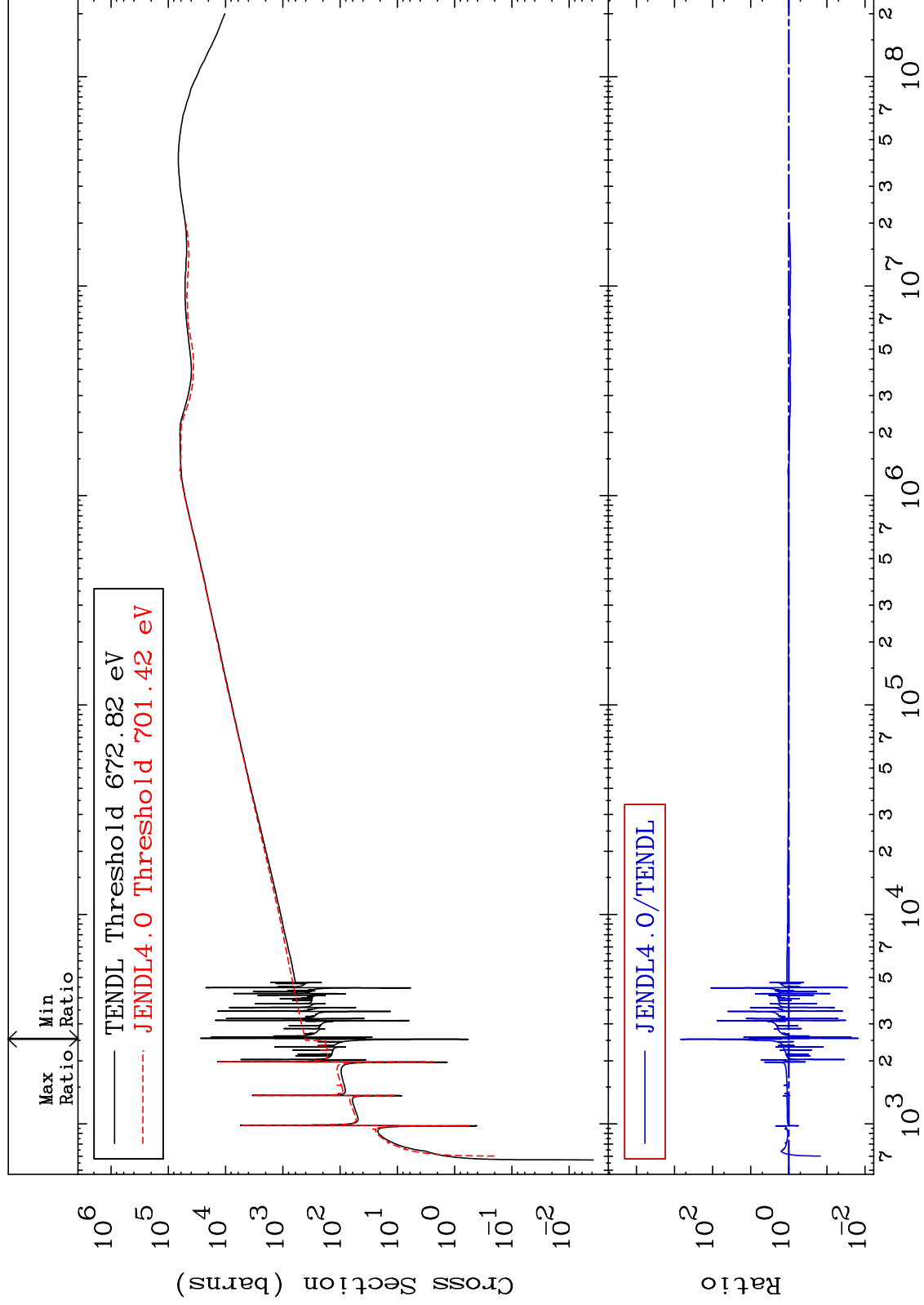
50-Sn-114
-98.48 To 9999. %



MAT 5031

Dpa elastic (mt2)
Cross Section

50-Sn-114
-98.52 To 9999. %



62

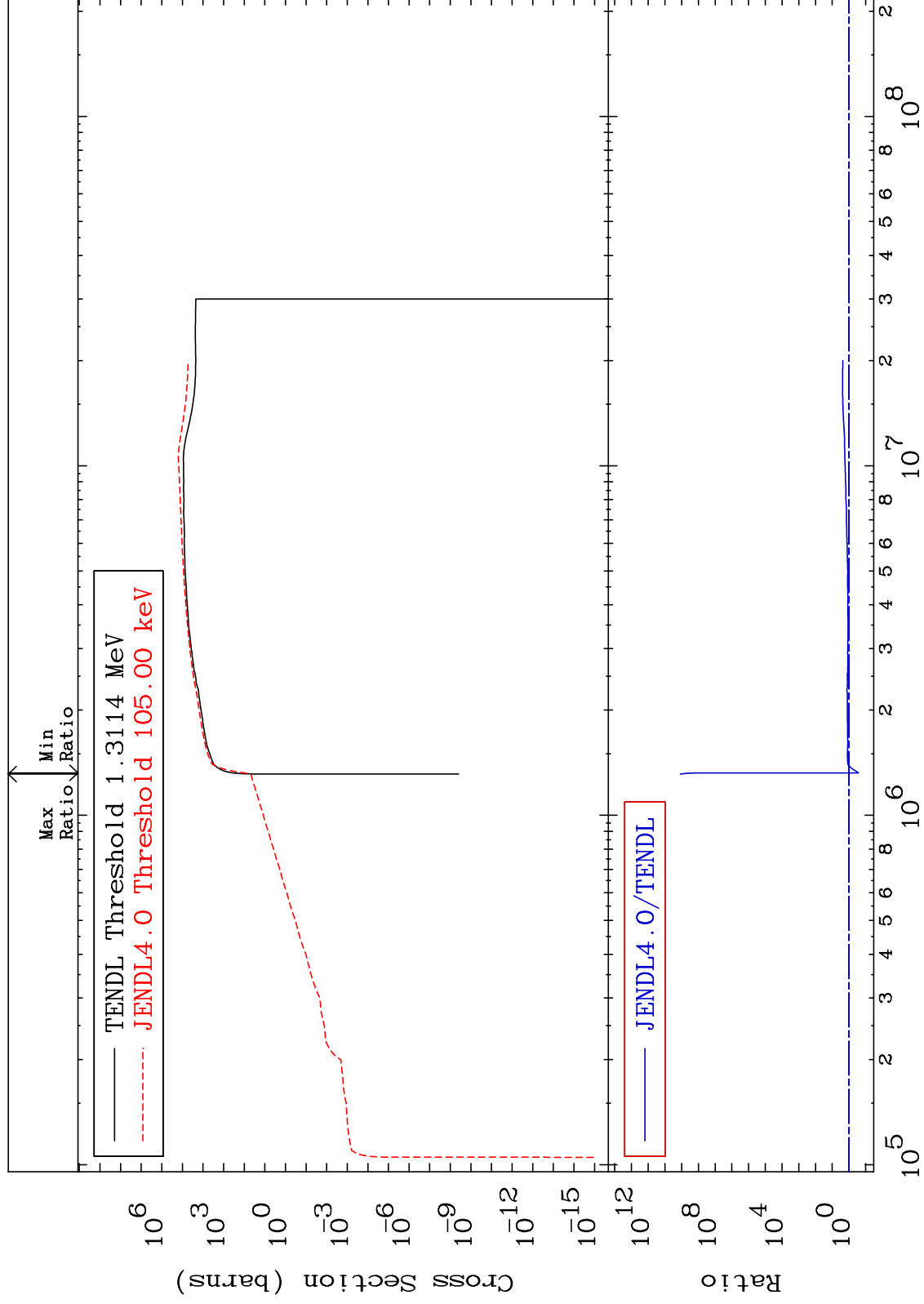
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa inelastic (mt51-91)
Cross Section

50-Sn-114
-73.17 To 9999. %



63

Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-114
-100.0 To 9999. %

