

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

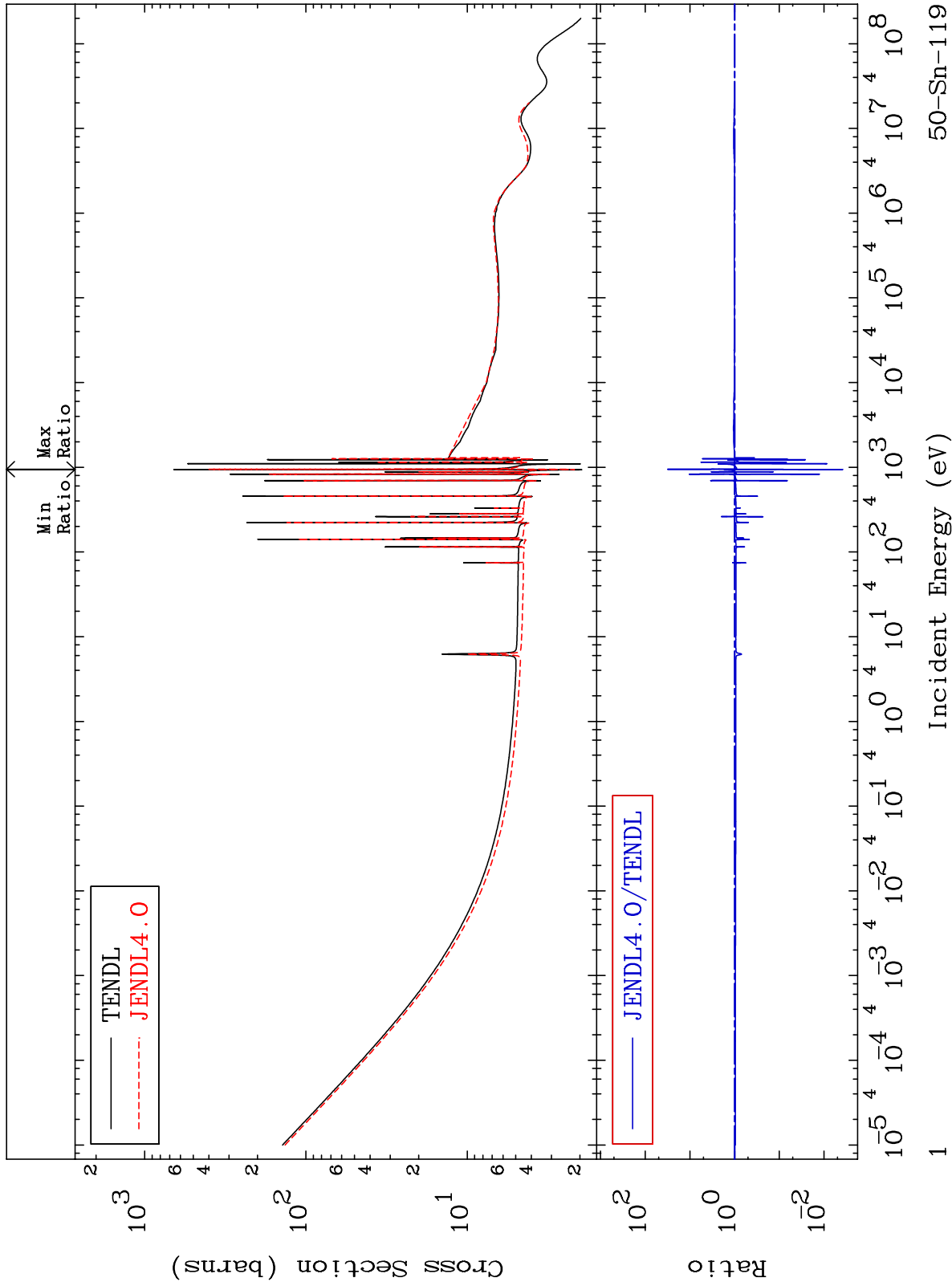
MAT 5046

Total

50-Sn-119

-99.62 To 3062. %

Cross Section

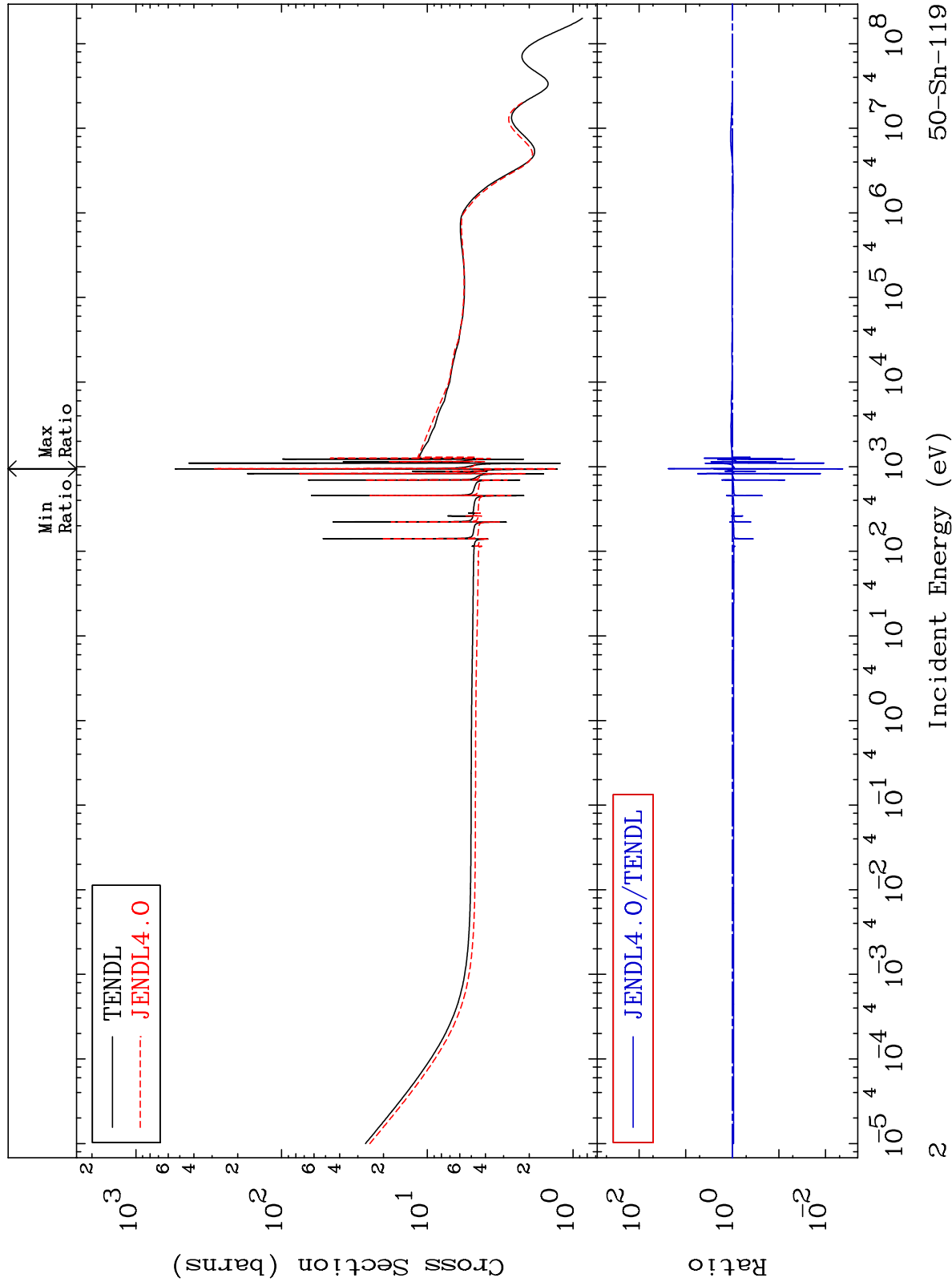


50-Sn-119

MAT 5046

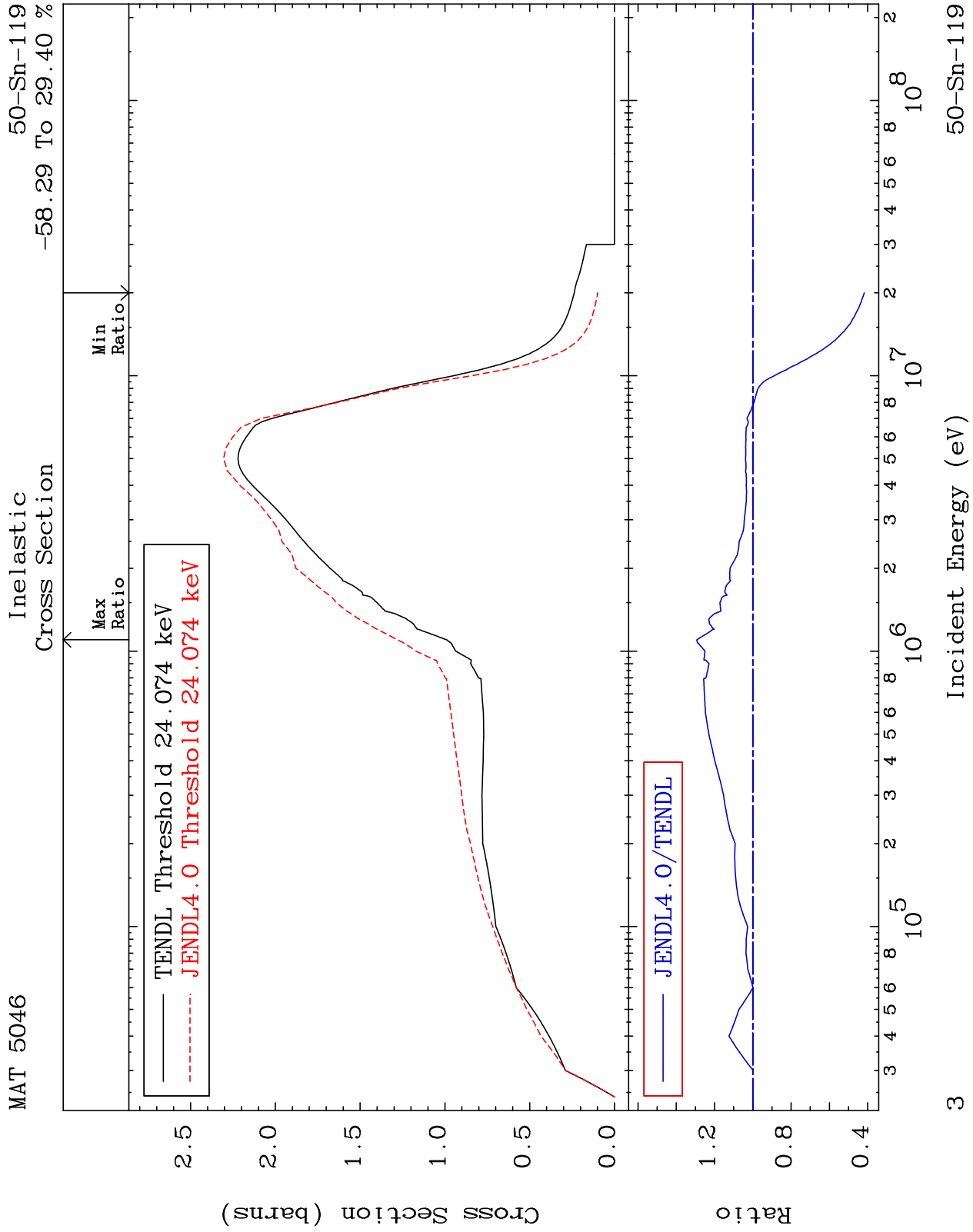
Elastic
Cross Section

50-Sn-119
-99.58 To 2284. %

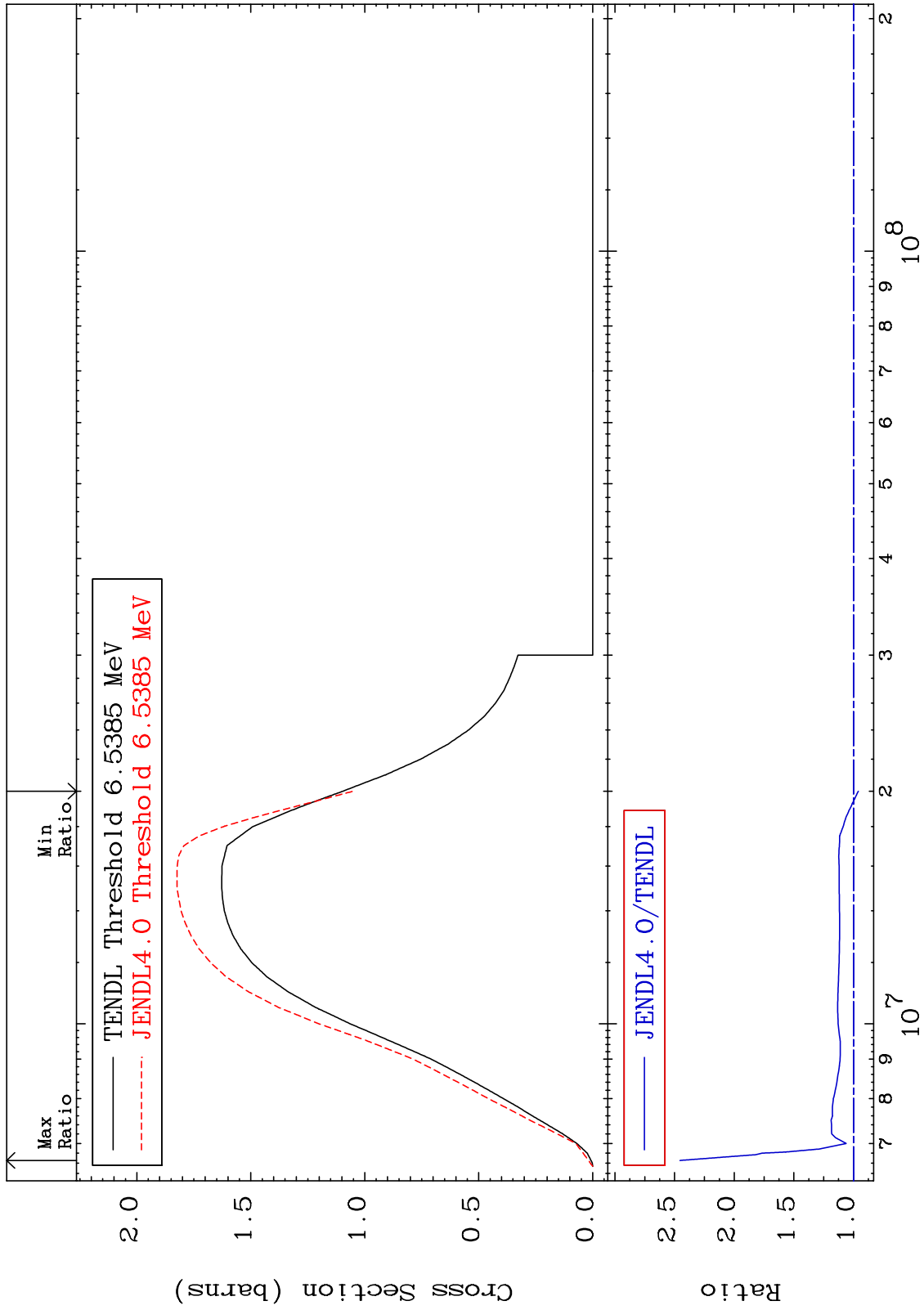


50-Sn-119

2



MAT 5046 (n,2n) Cross Section 50-Sn-119 -4.128 To 145.5 %



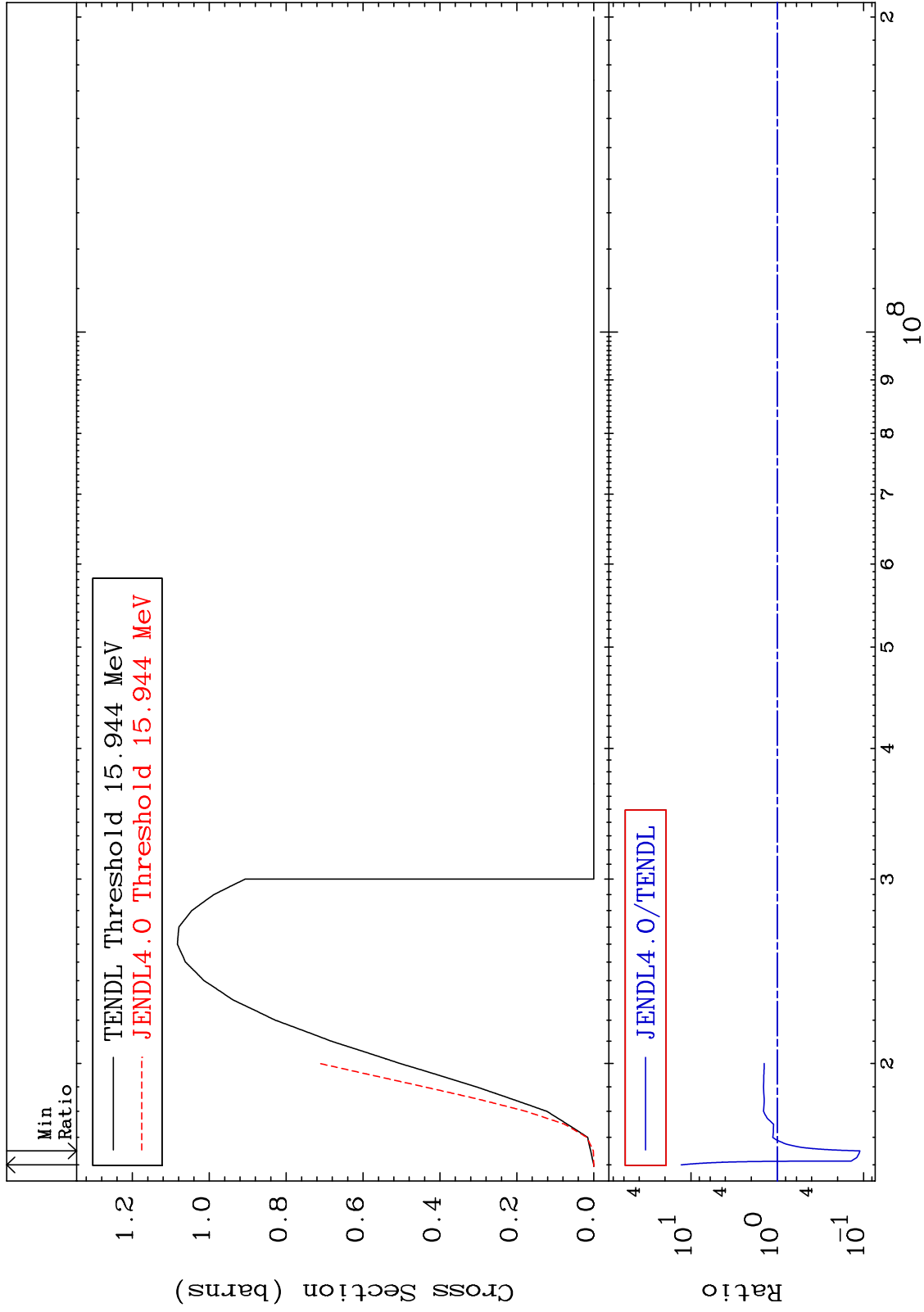
MAT 5046

(n,3n)

50-Sn-119

Cross Section

-88.99 To 1200. %



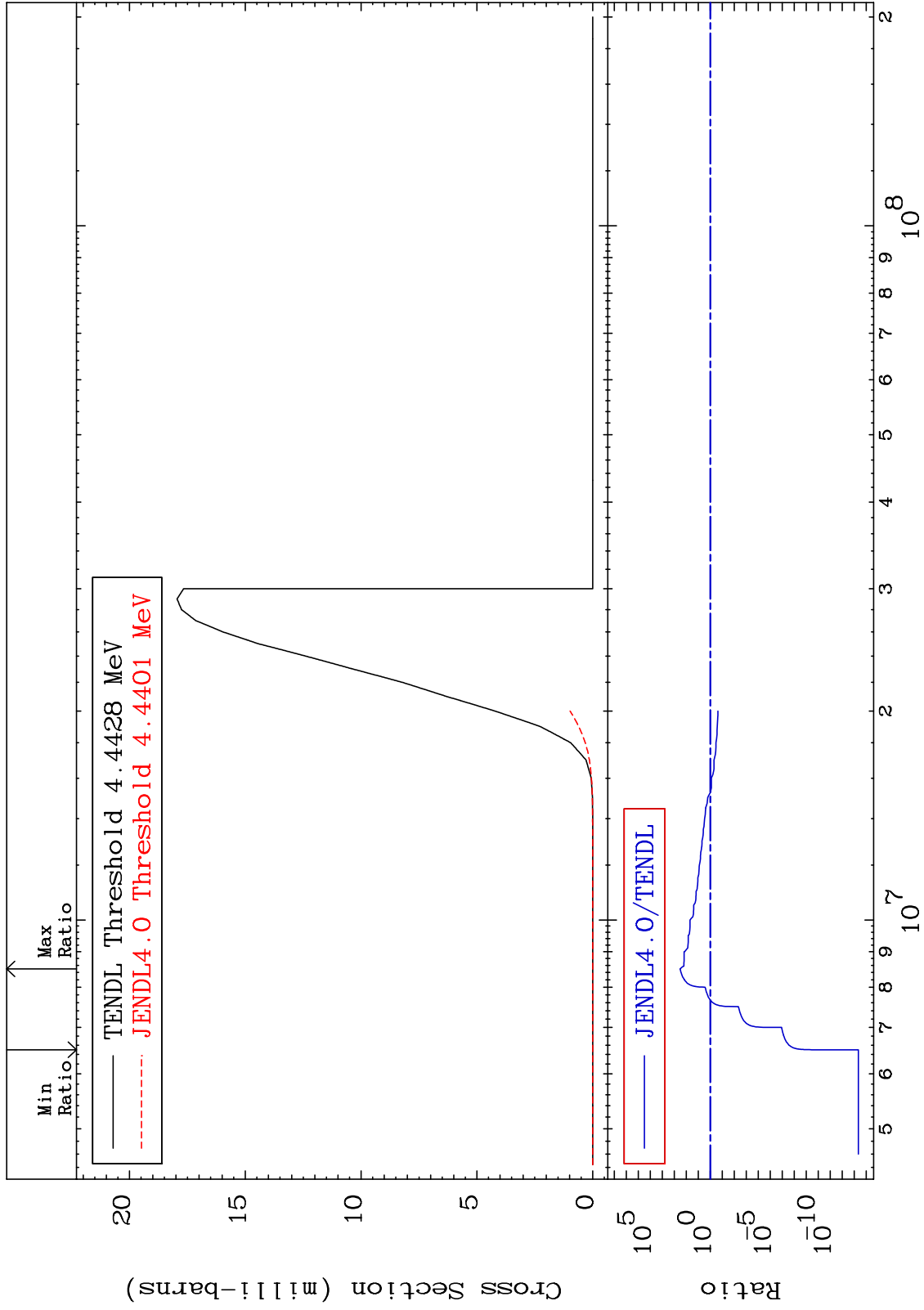
MAT 5046

(n,n') α

50-Sn-119

Cross Section

-100.0 To 9999. %



6

Incident Energy (eV)

50-Sn-119

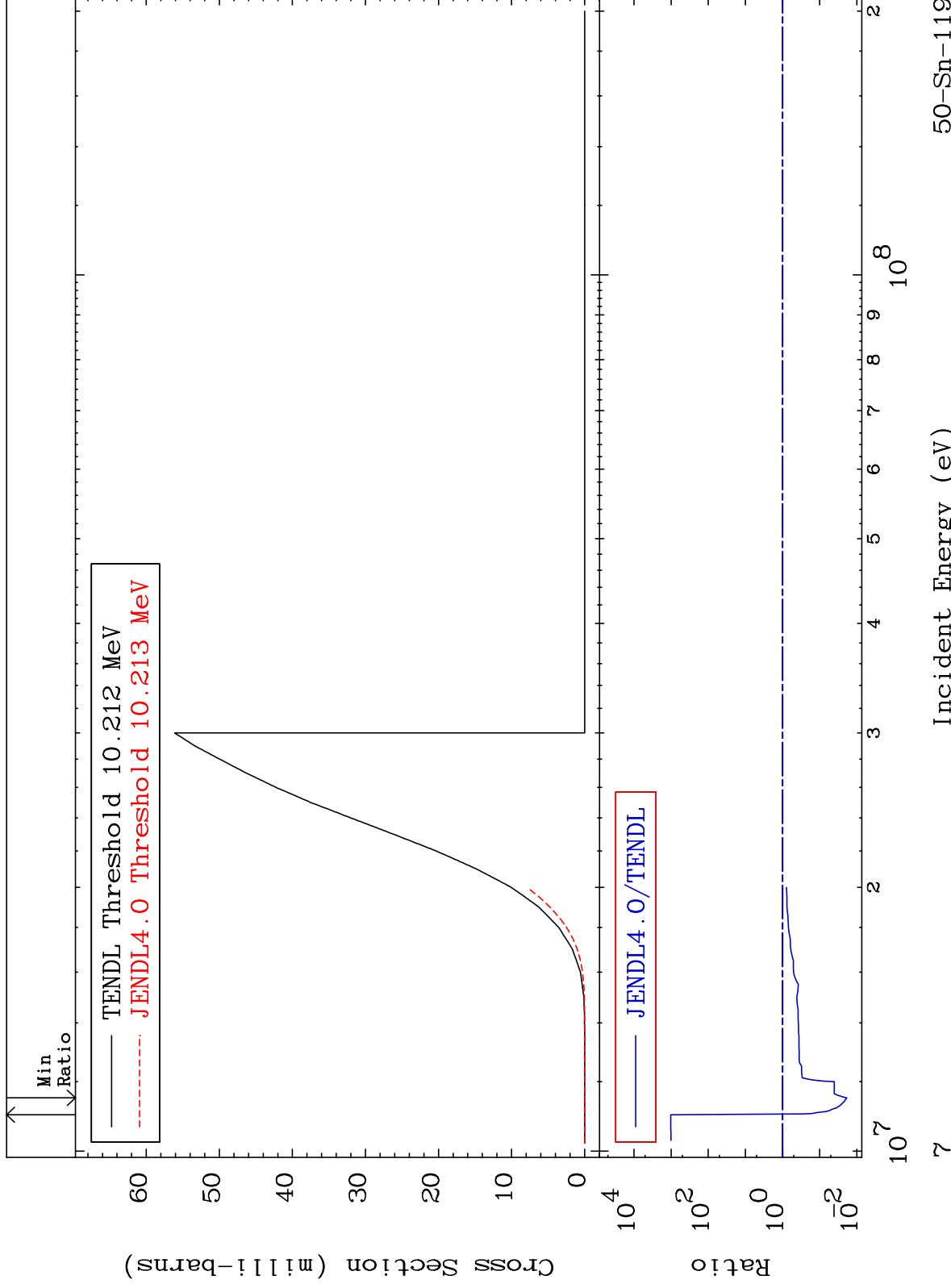
MAT 5046

(n,n') p

50-Sn-119

Cross Section

-98.13 To 9999. %



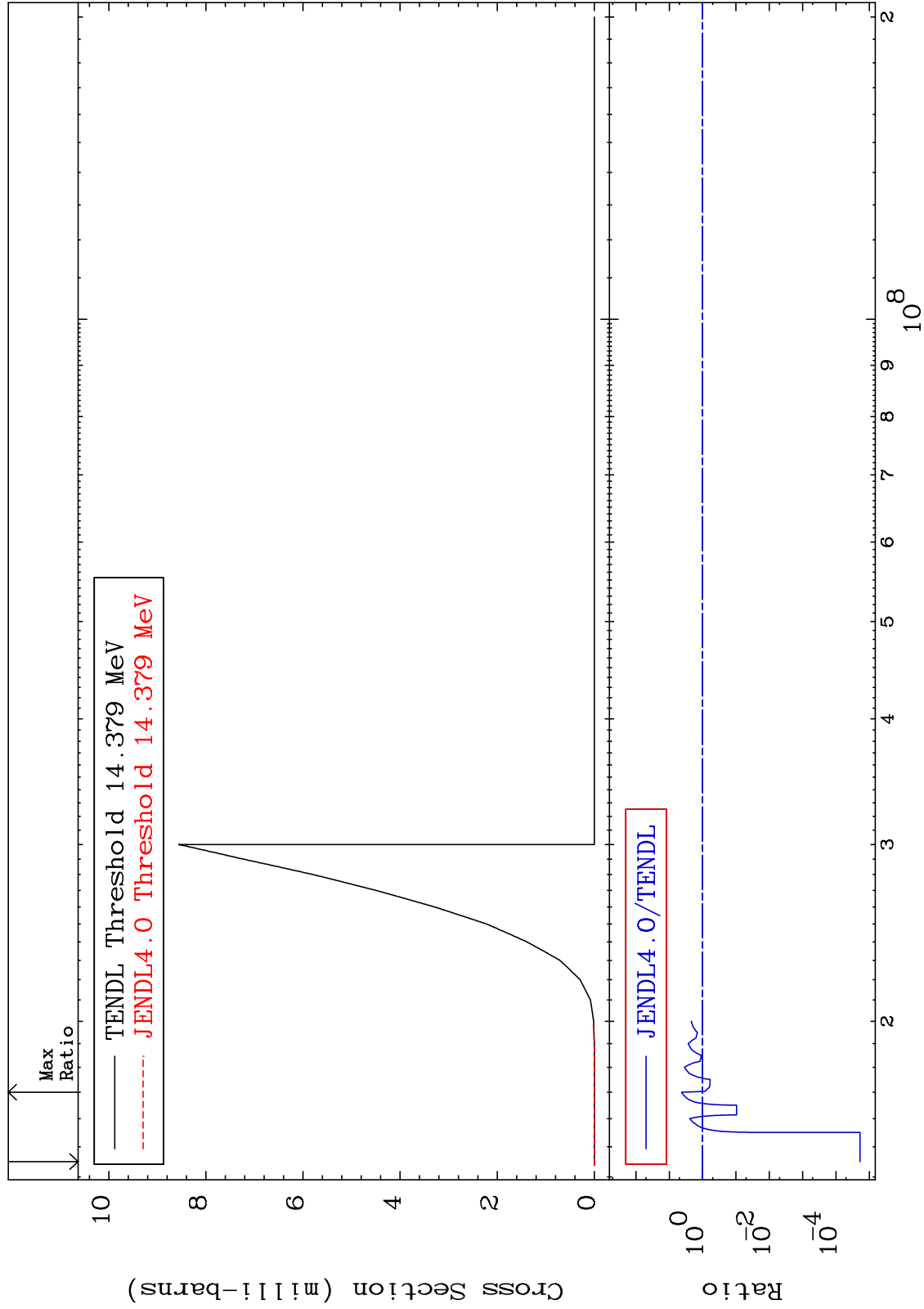
MAT 5046

(n,n') d

50-Sn-119

Cross Section

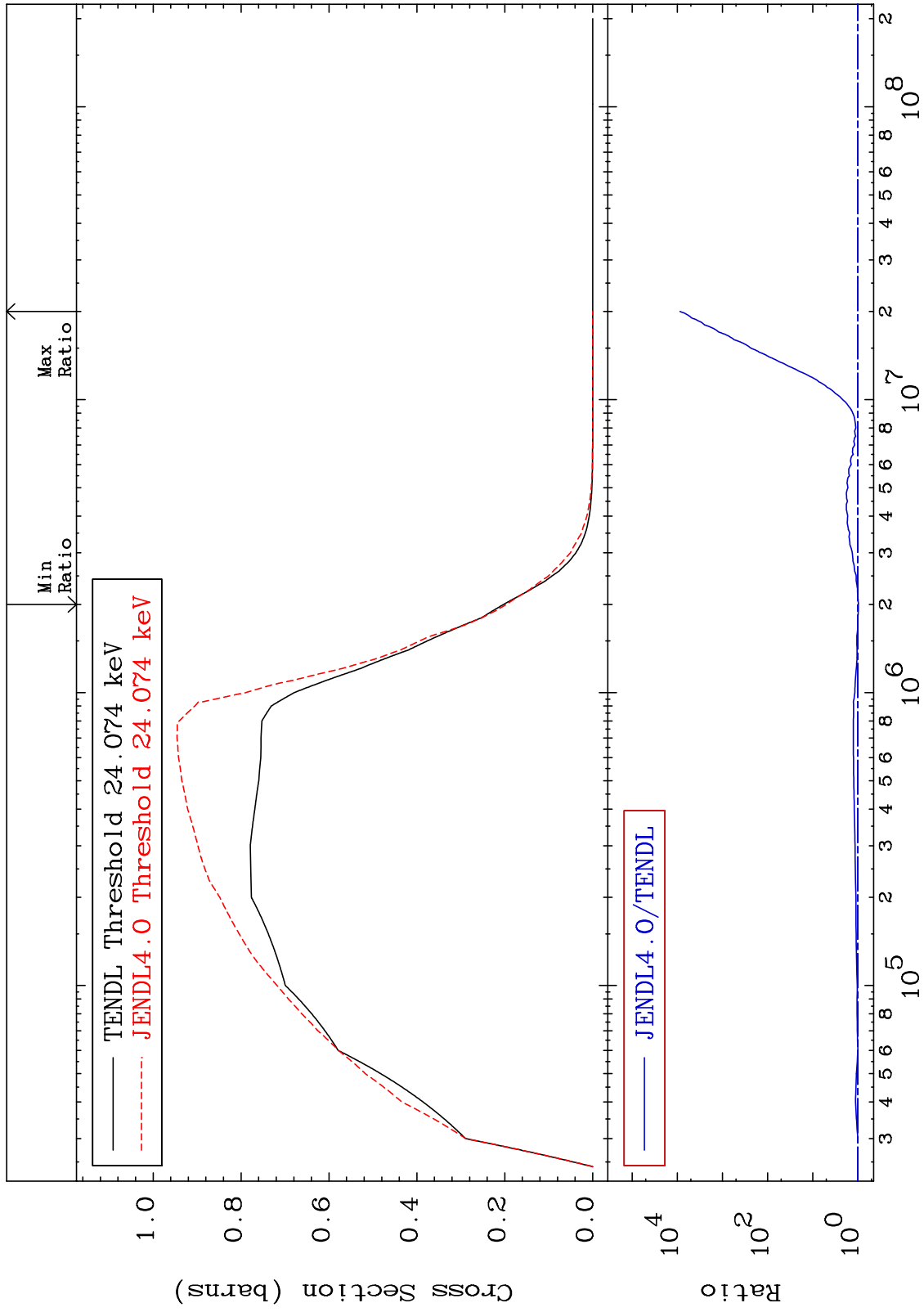
-100.0 To 325.3 %



MAT 5046

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

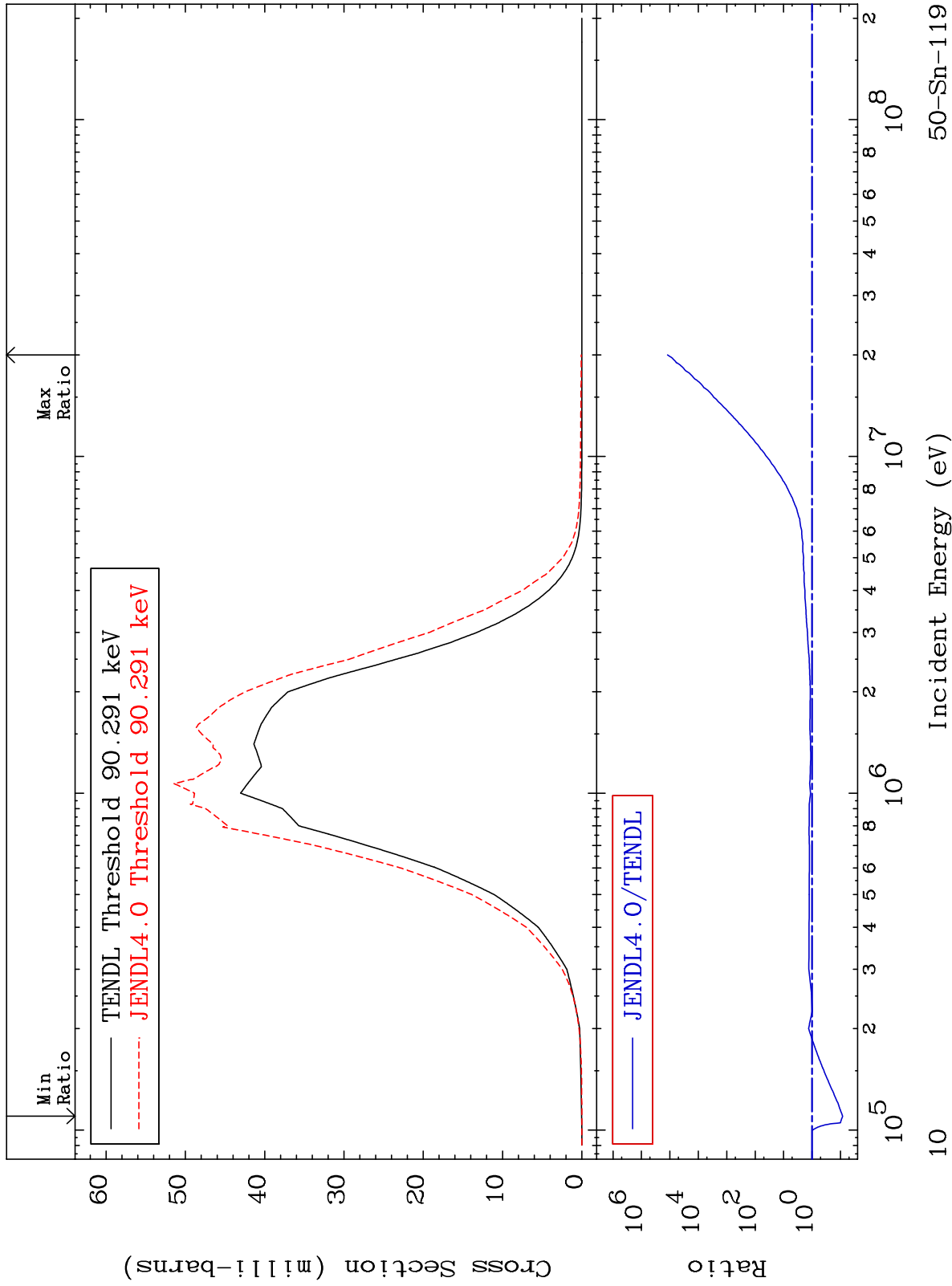
50-Sn-119
-3.069 To 9999. %



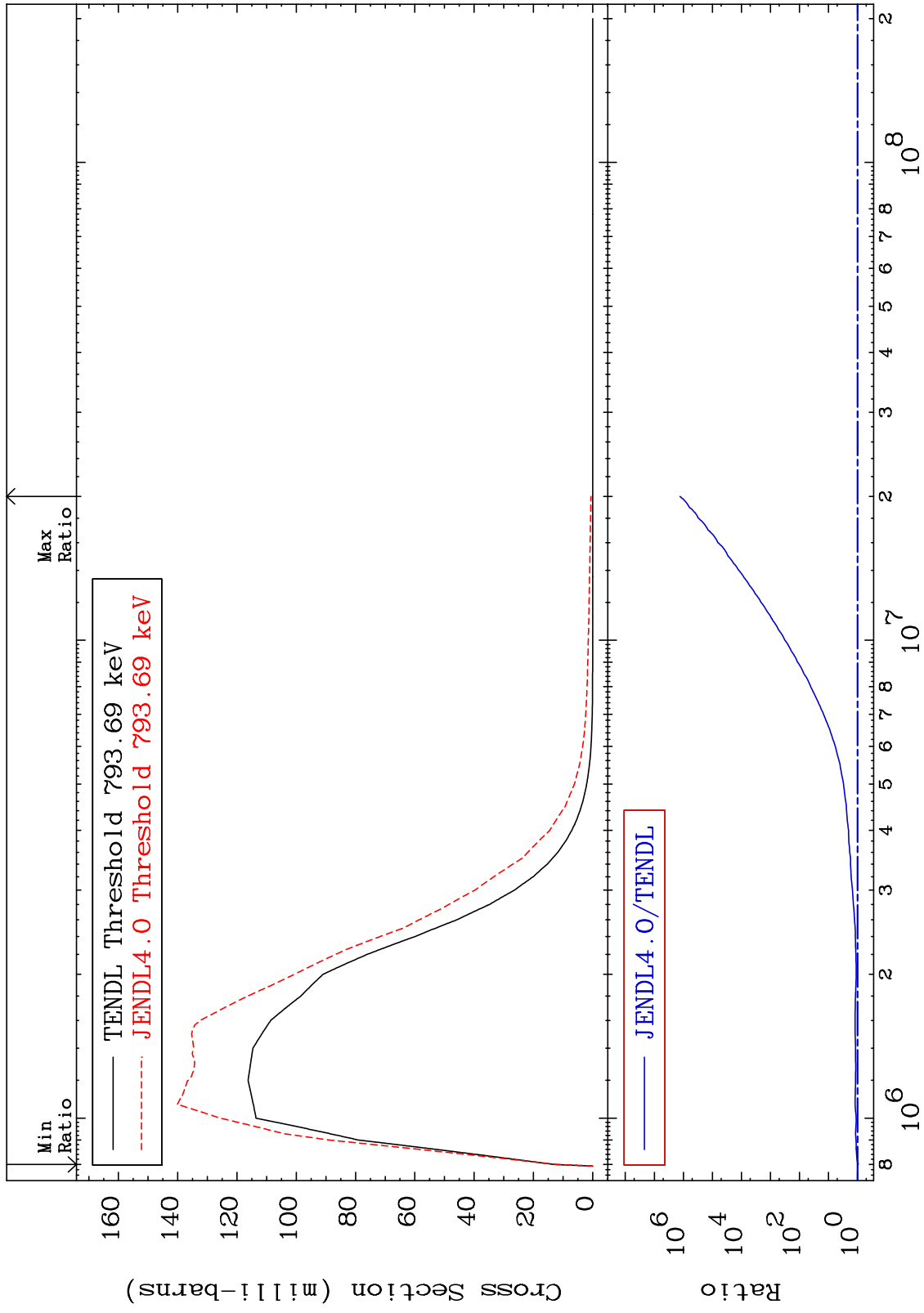
MAT 5046

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

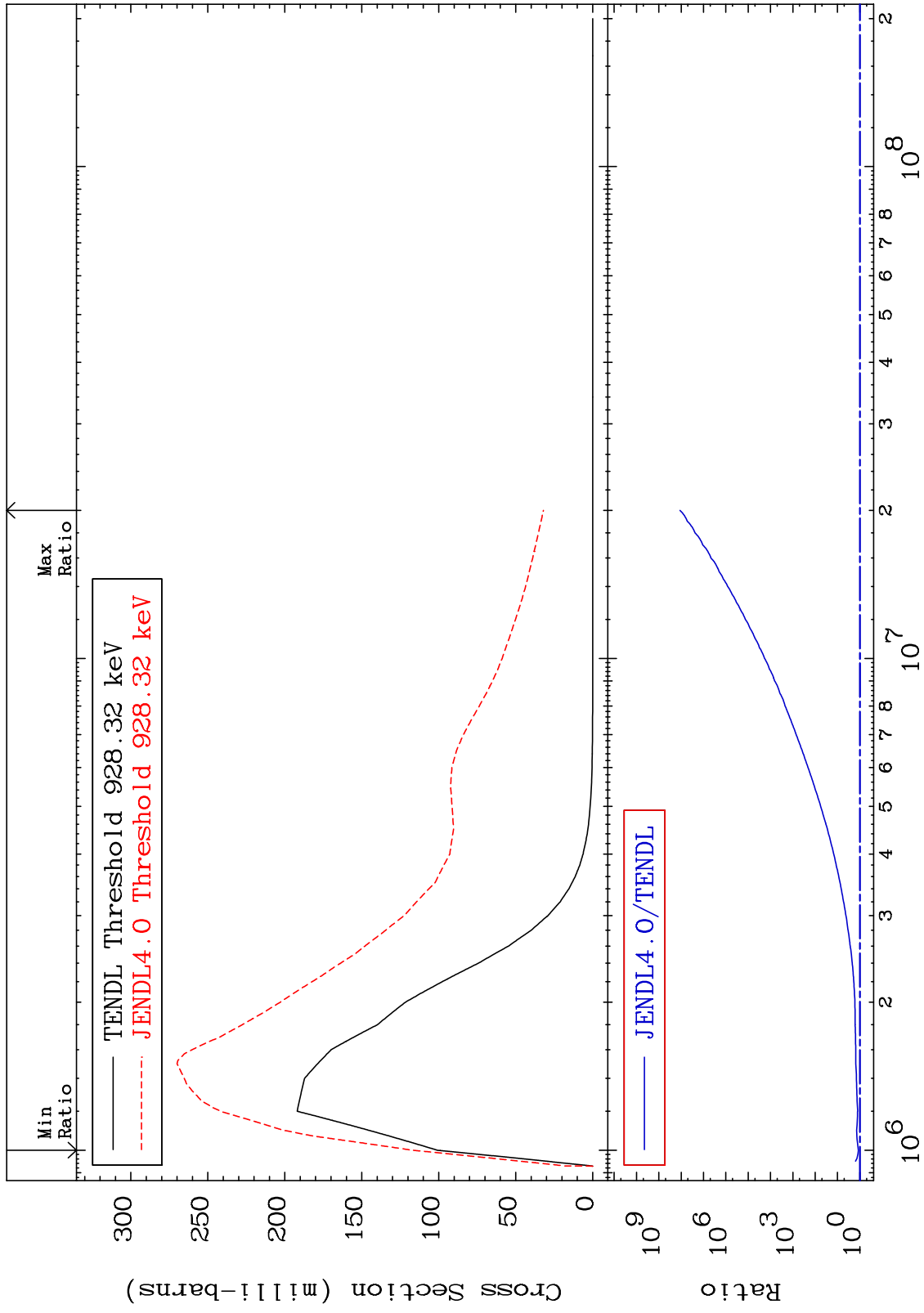
50-Sn-119
-91.62 To 9999. %



MAT 5046 MT= 53 (n,n') Level Cross Section 50-Sn-119
 -6.540 To 9999. %



MAT 5046 MT= 54 (n,n') Level Cross Section 50-Sn-119 16.03 To 9999. %

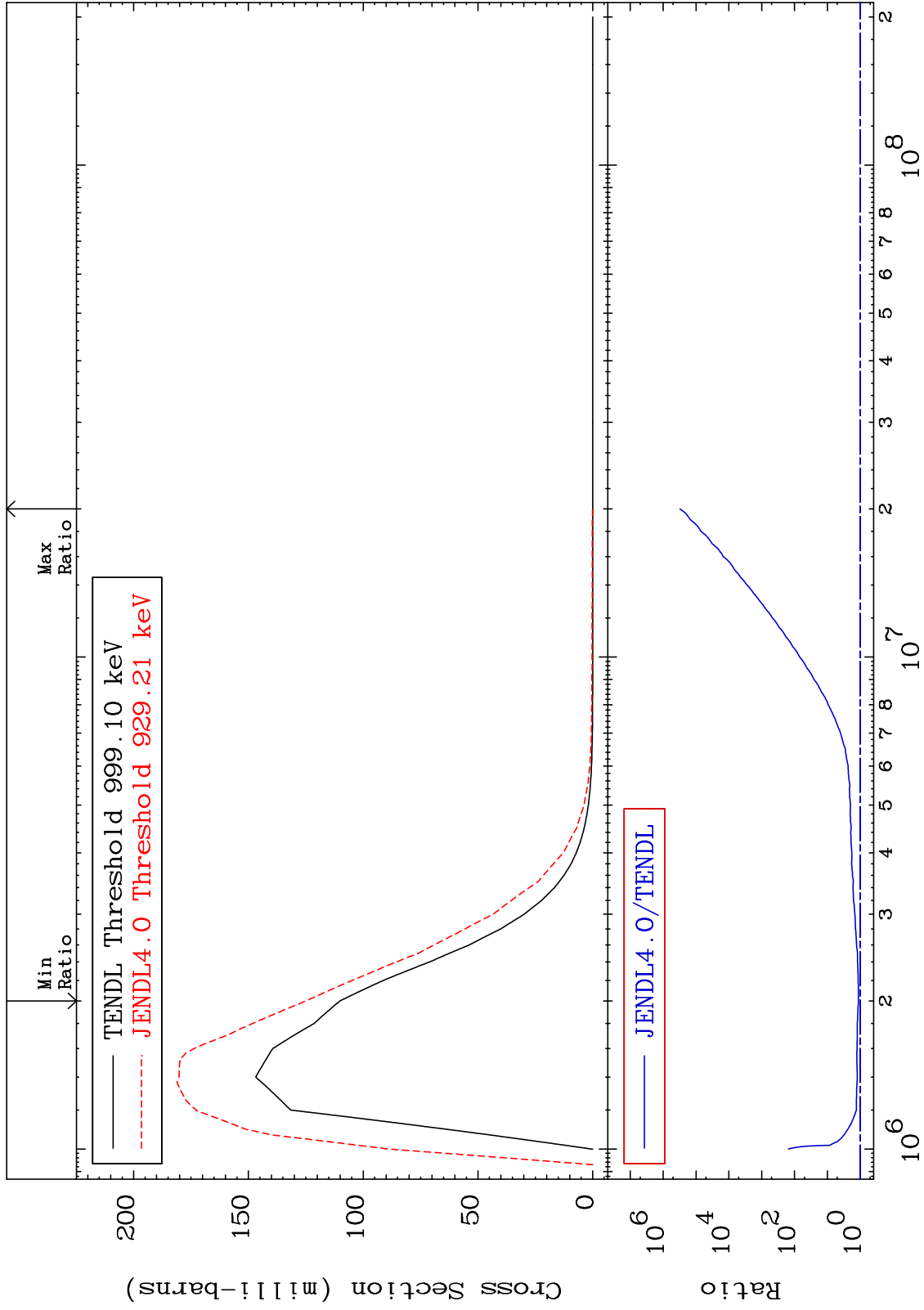


12 Incident Energy (eV) 50-Sn-119

MAT 5046

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

13.41 To 9999. %
50-Sn-119

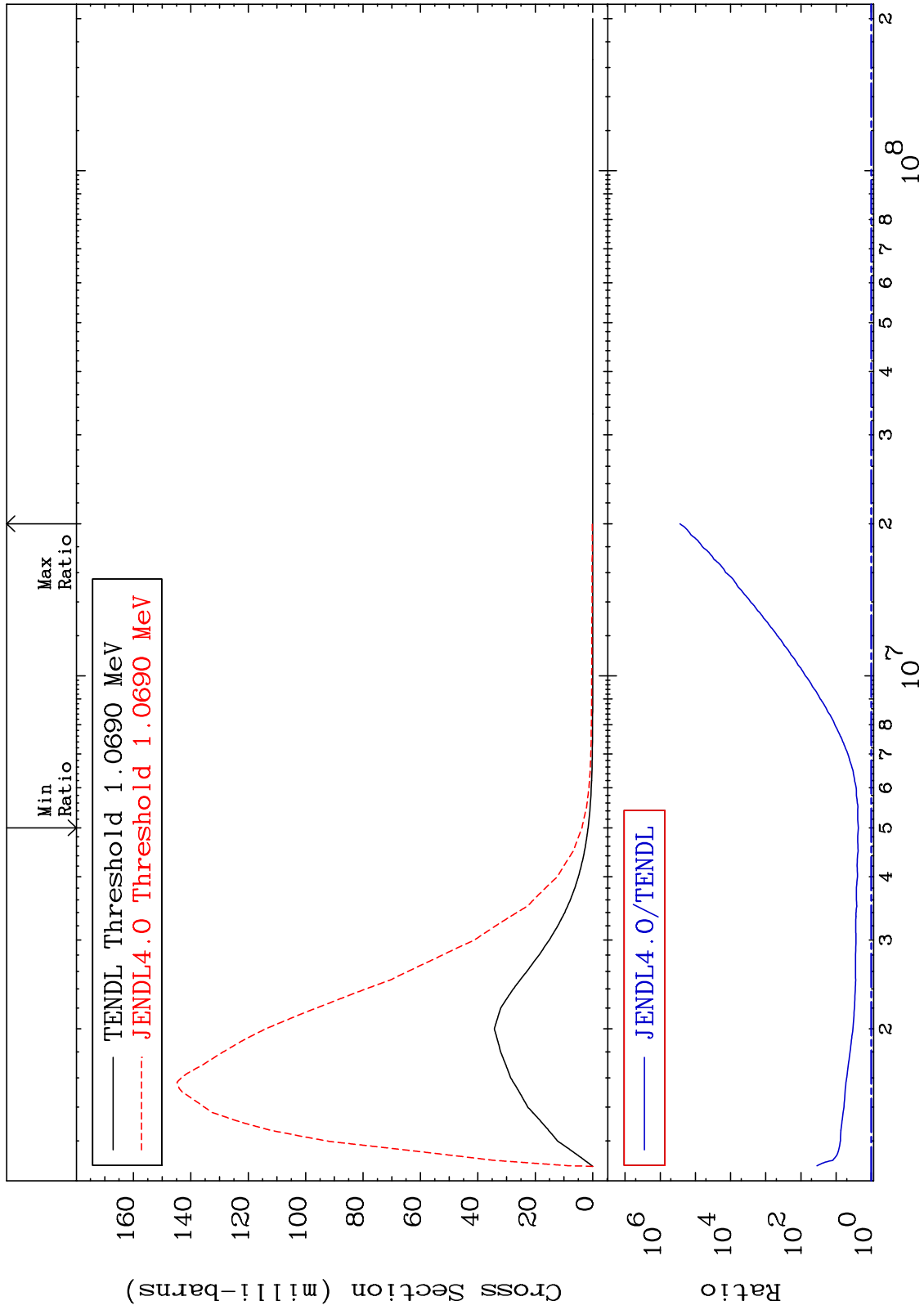


13

Incident Energy (eV)

50-Sn-119

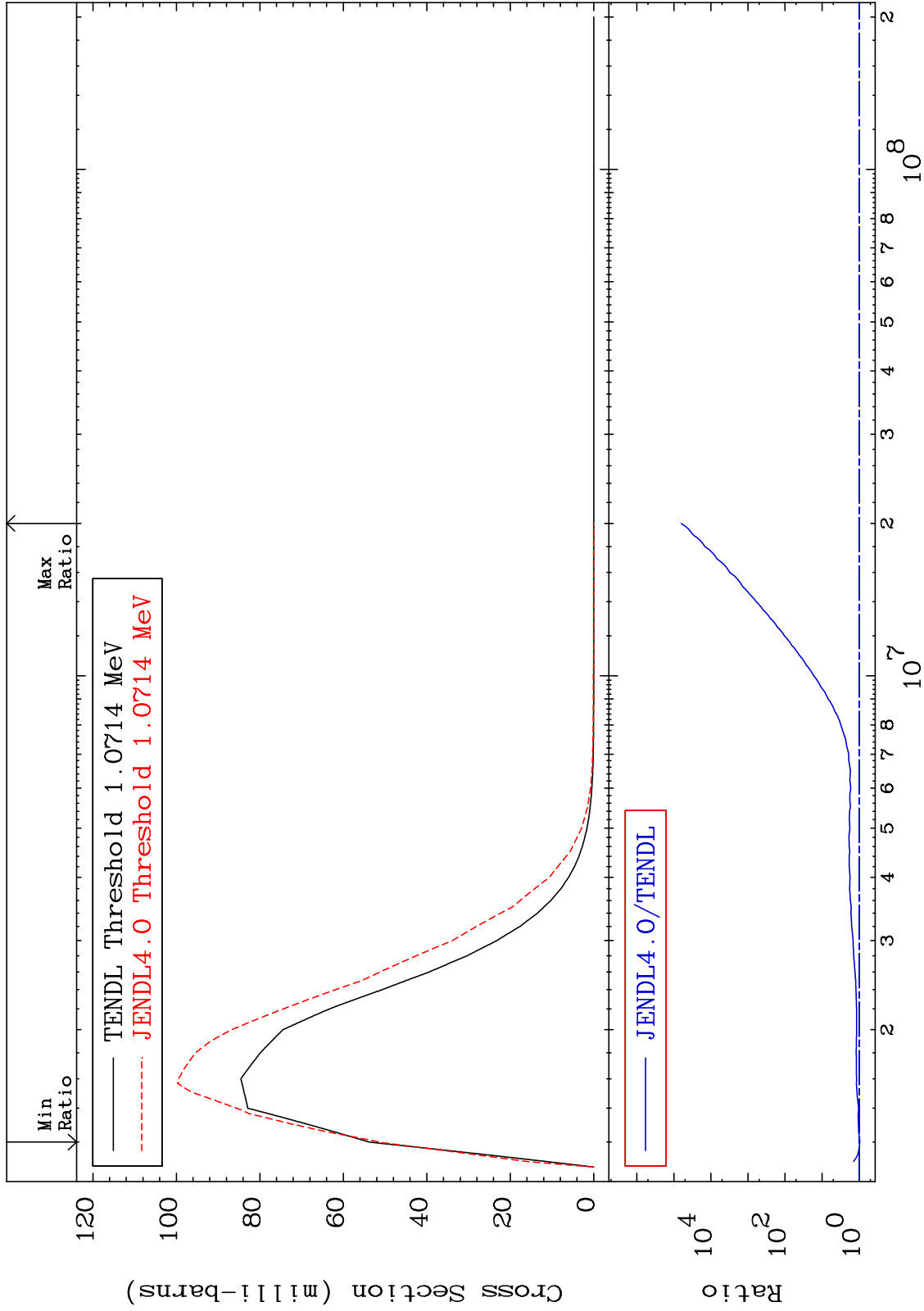
MAT 5046 MT= 56 (n,n') Level Cross Section 50-Sn-119
 132.6 To 9999. %



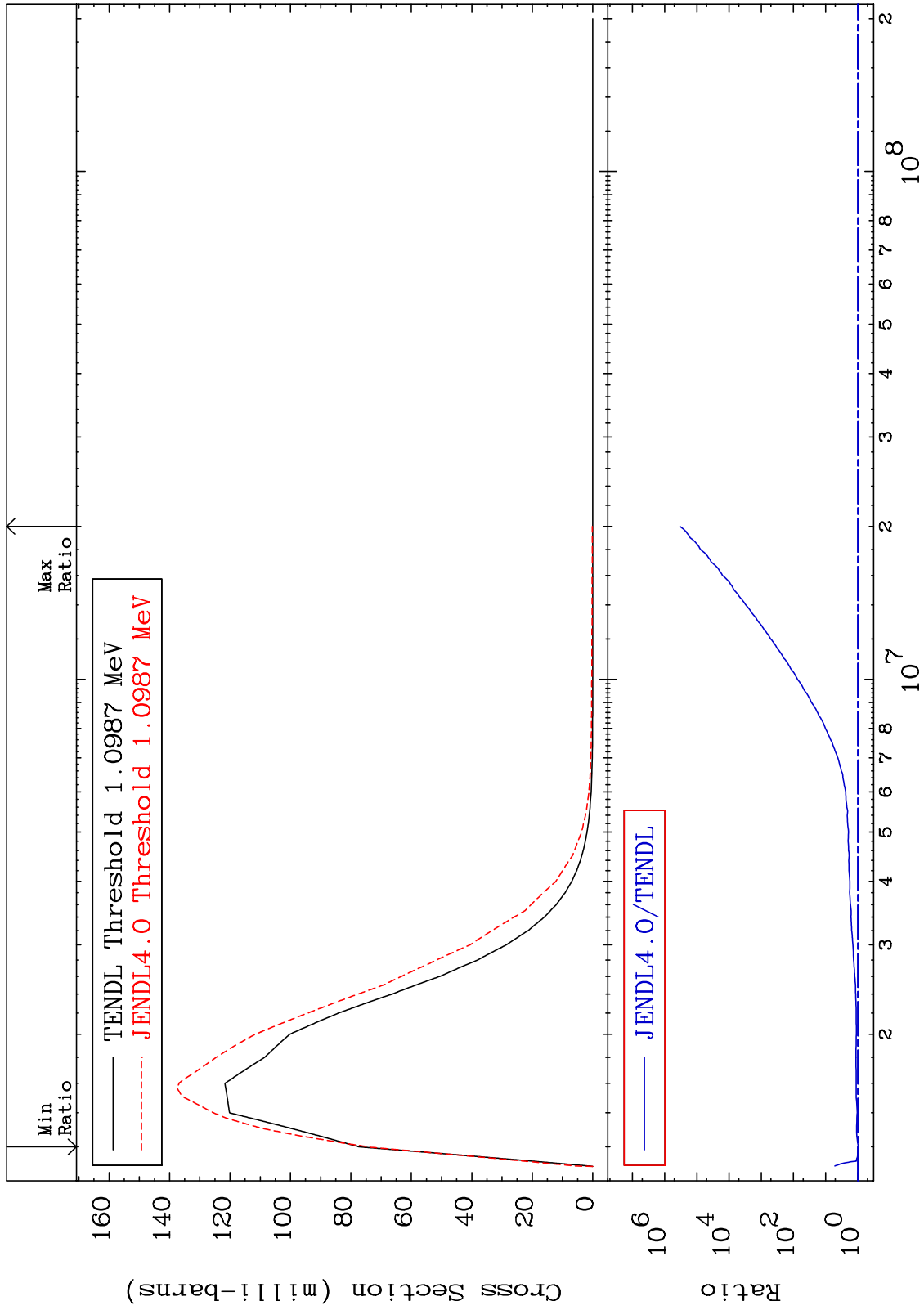
MAT 5046

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

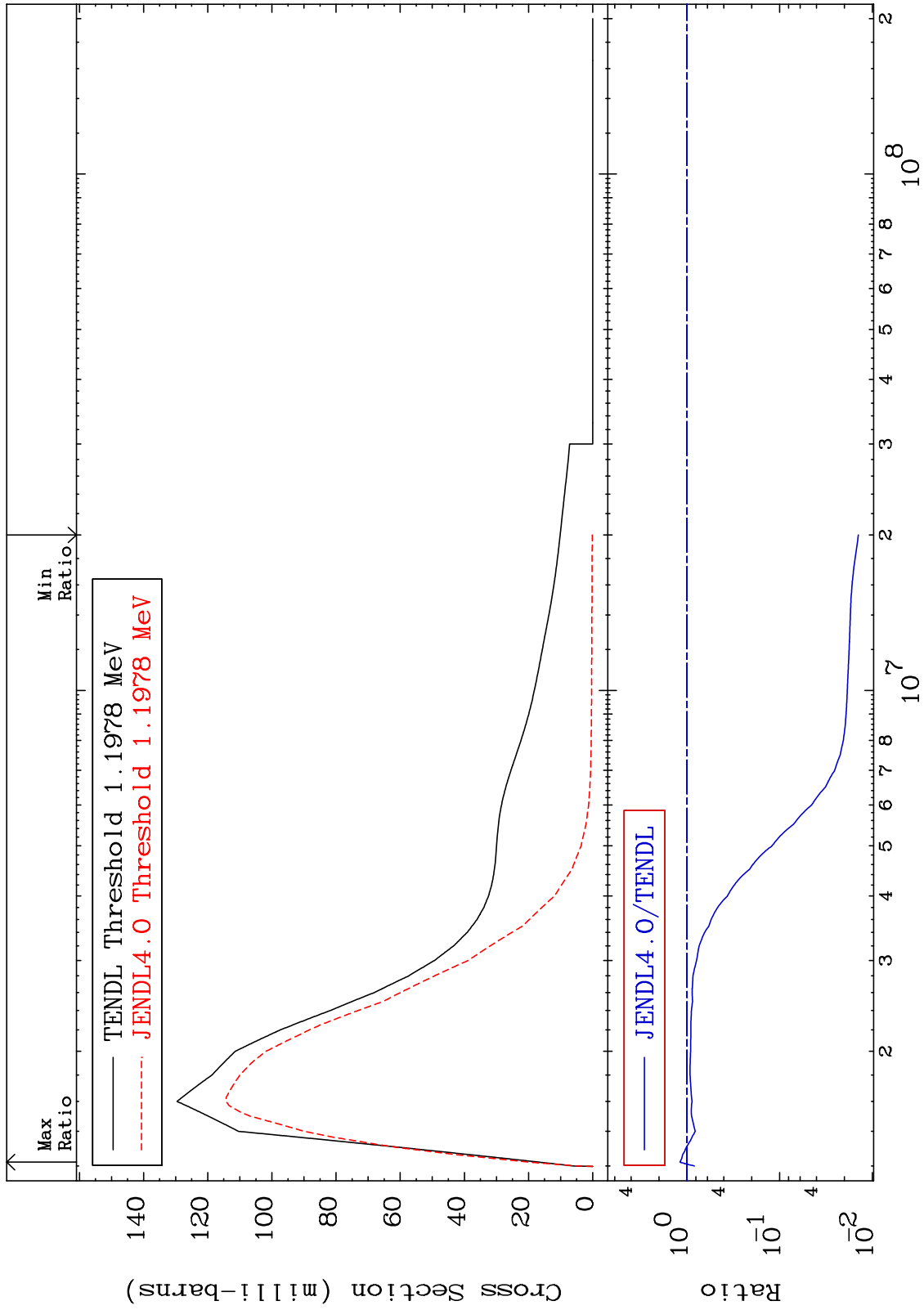
50-Sn-119
-4.896 To 9999. %



MAT 5046 MT= 58 (n,n') Level
Cross Section 50-Sn-119
-4.036 To 9999. %

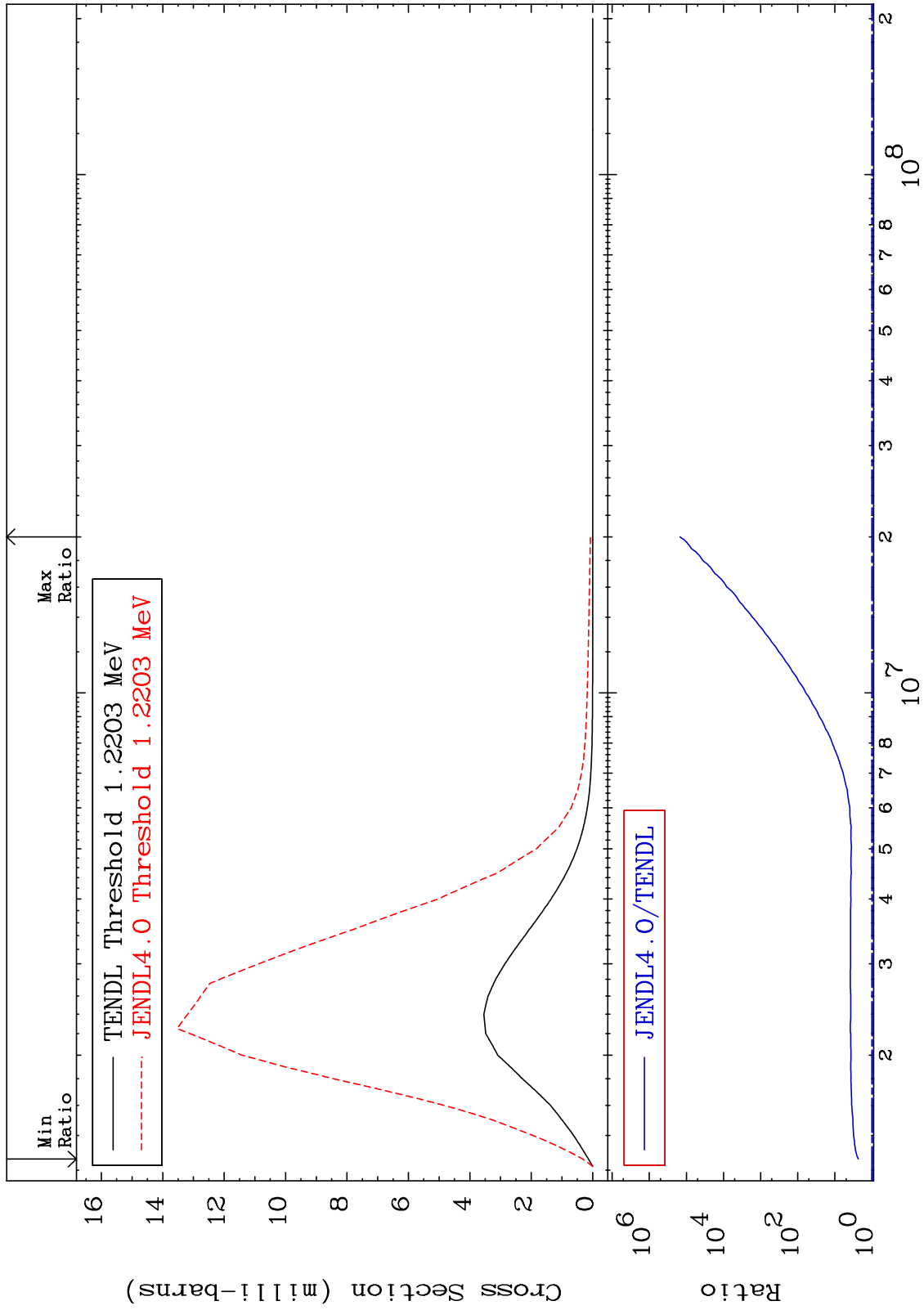


MAT 5046 MT= 59 (n, n') Level Cross Section 50-Sn-119 -98.59 To 18.78 %

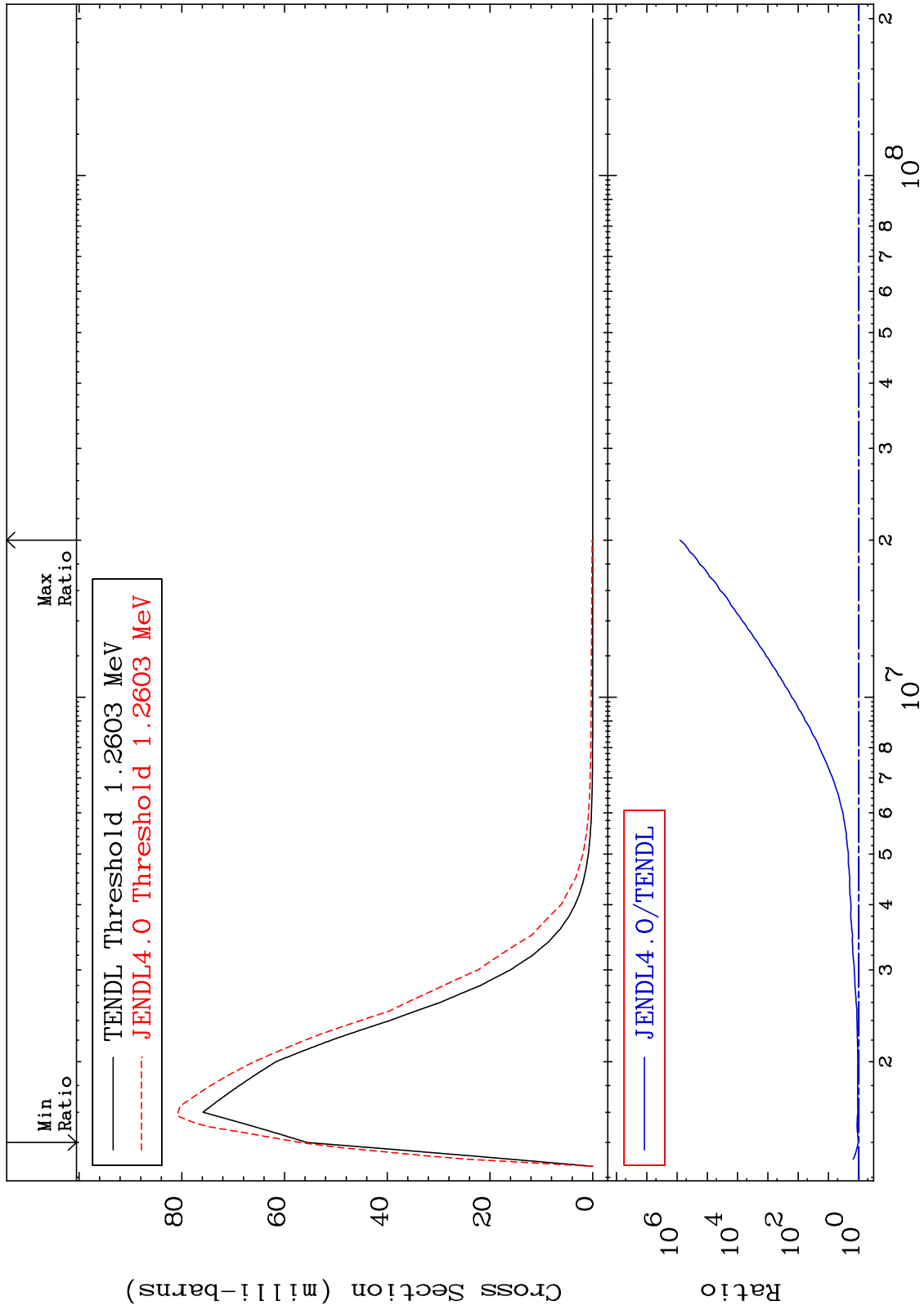


Incident Energy (eV) 50-Sn-119

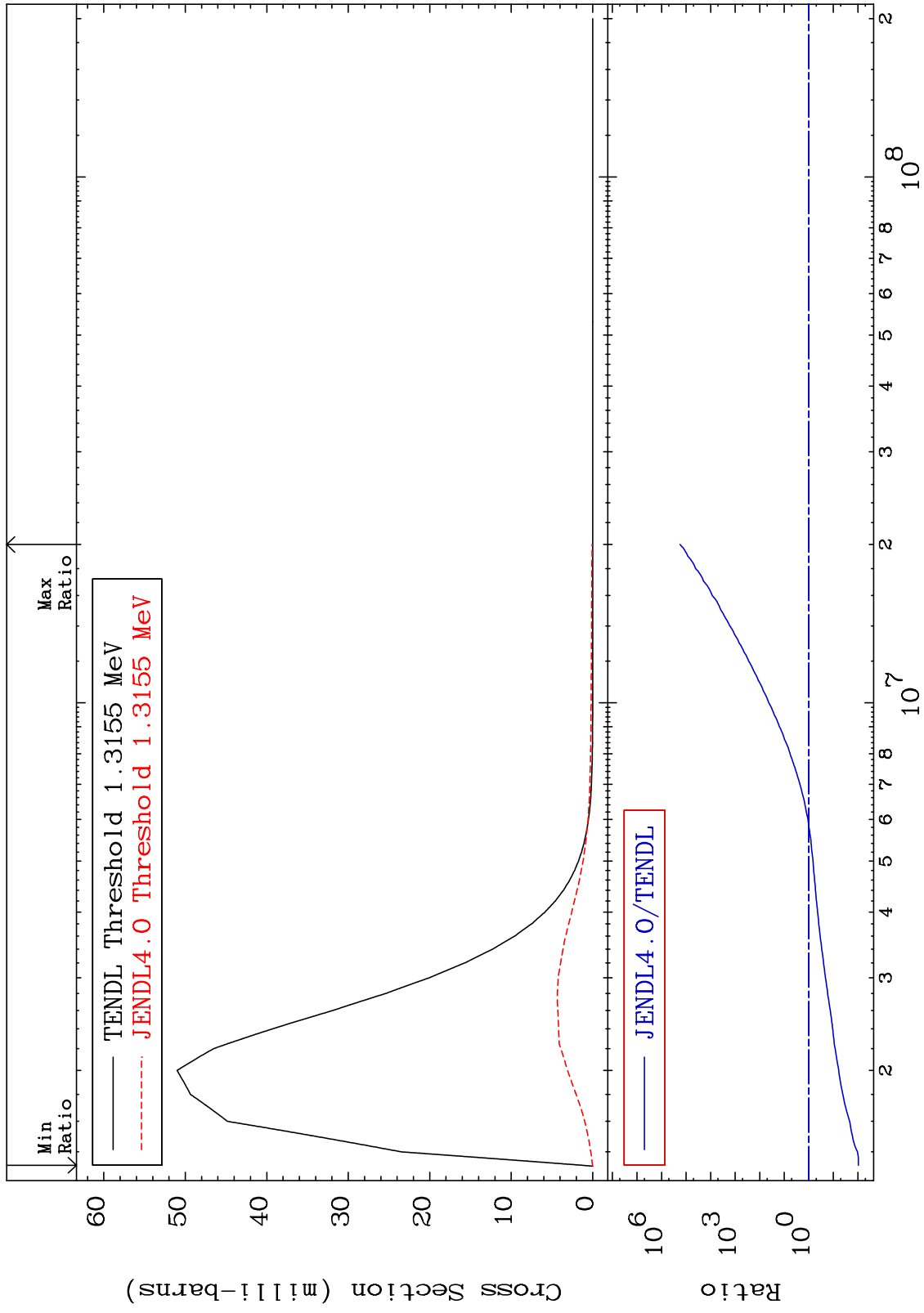
MAT 5046 MT= 60 (n,n') Level Cross Section 50-Sn-119
 132.5 To 9999. %



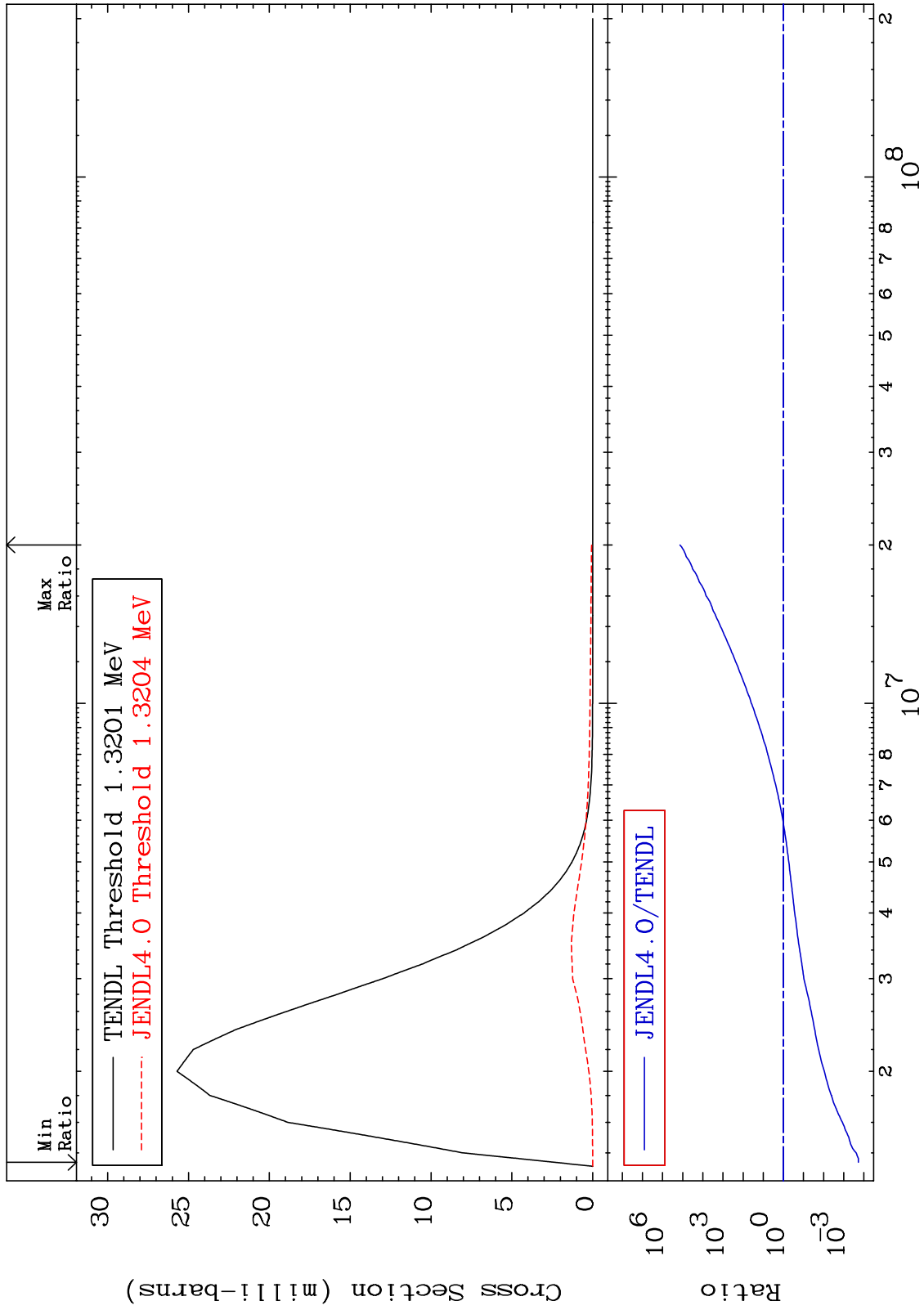
MAT 5046 MT= 61 (n,n') Level Cross Section 50-Sn-119
 2.292 To 9999. %



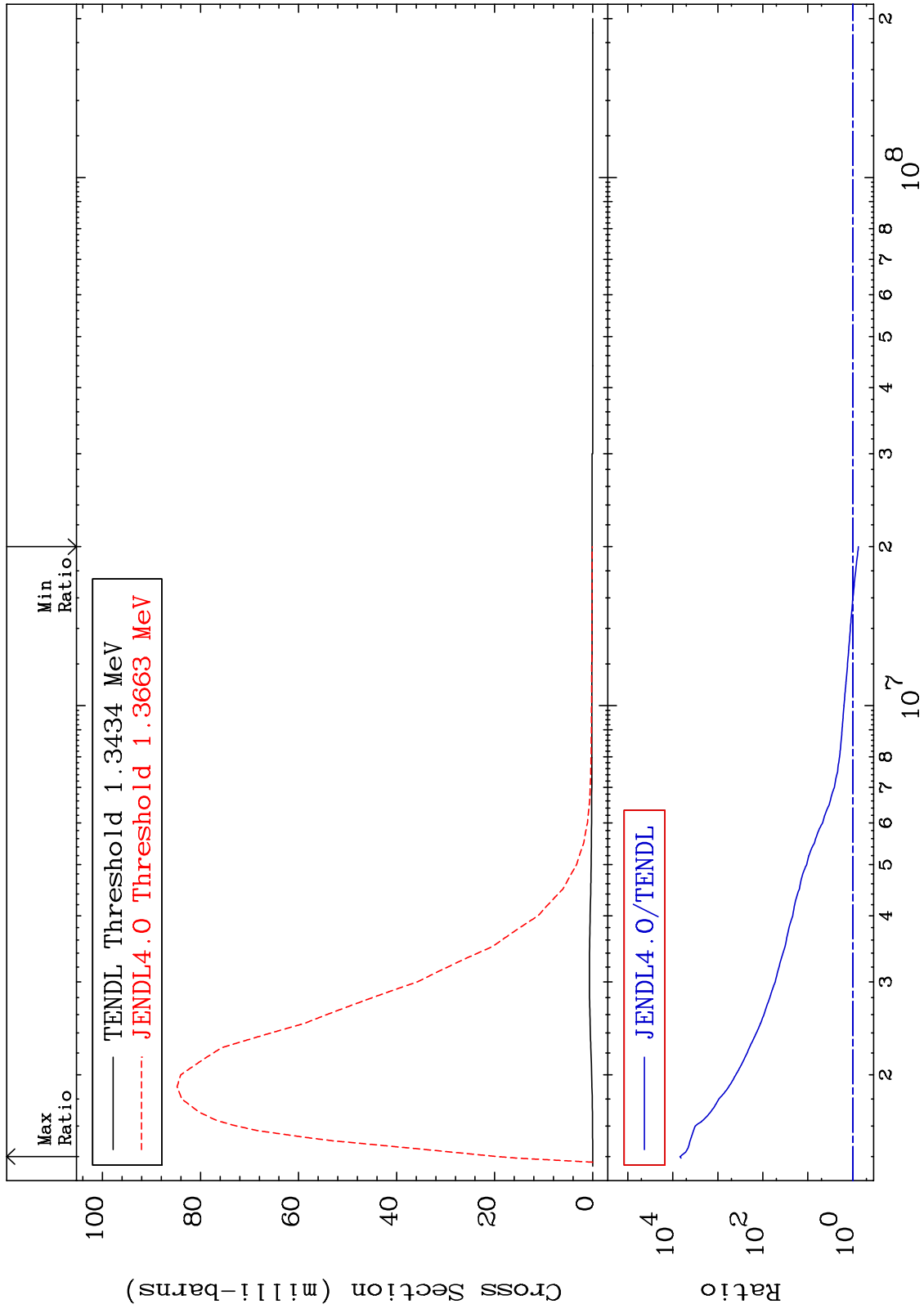
MAT 5046 MT= 62 (n,n') Level Cross Section 50-Sn-119 -99.05 To 9999. %



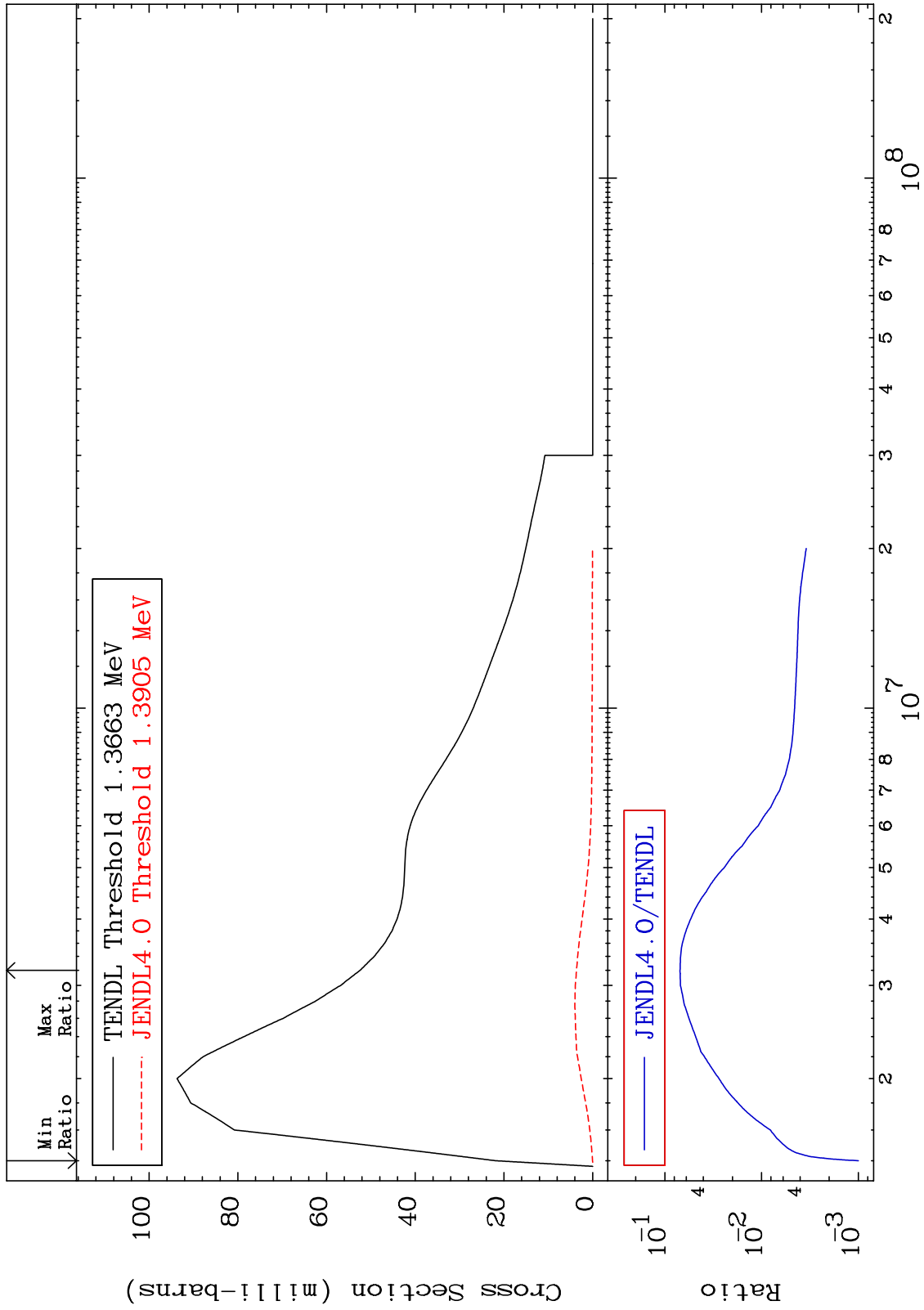
MAT 5046 MT= 63 (n,n') Level Cross Section 50-Sn-119 -99.98 To 9999. %



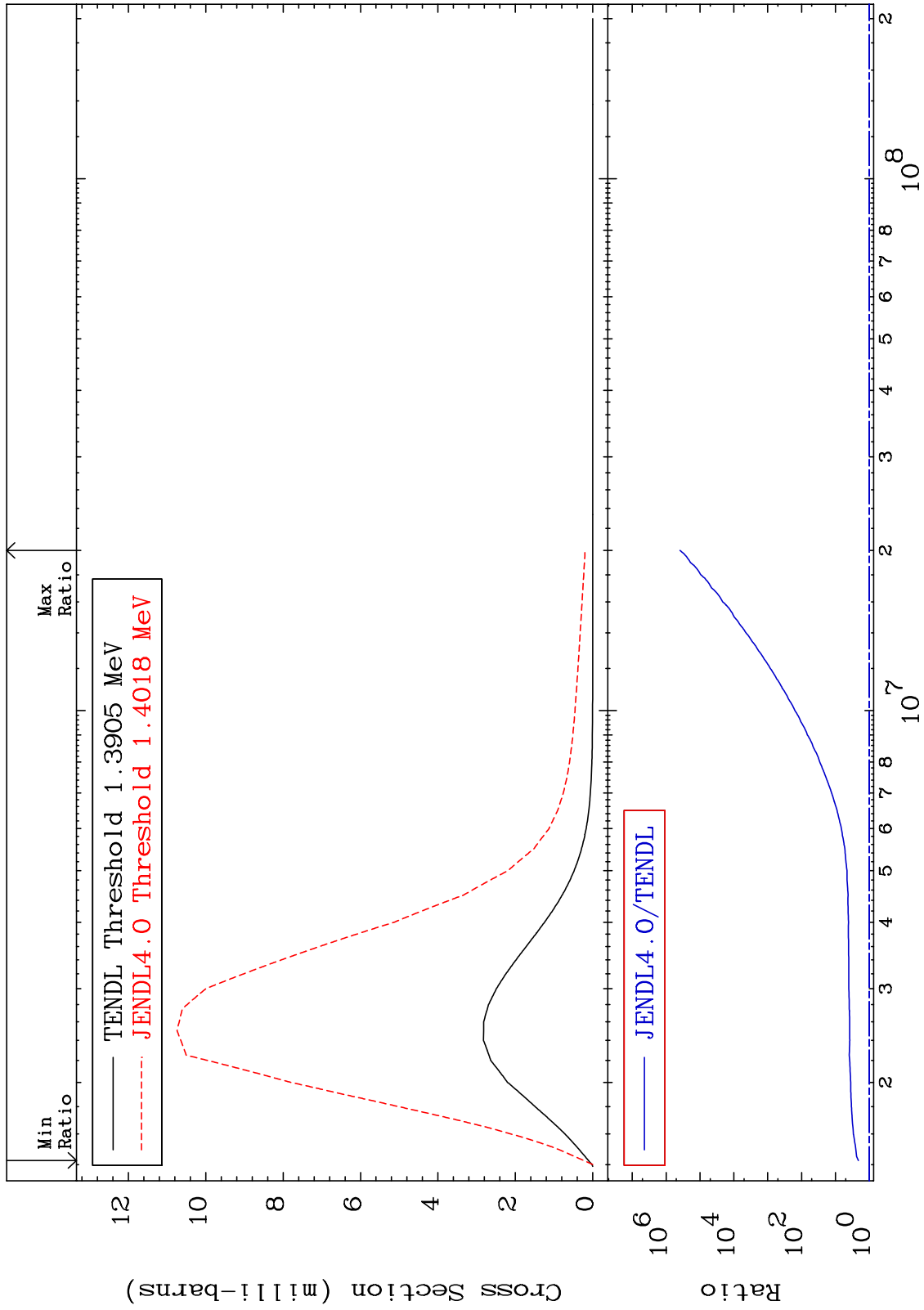
MAT 5046 MT= 64 (n,n') Level Cross Section 50-Sn-119 -24.72 To 9999. %



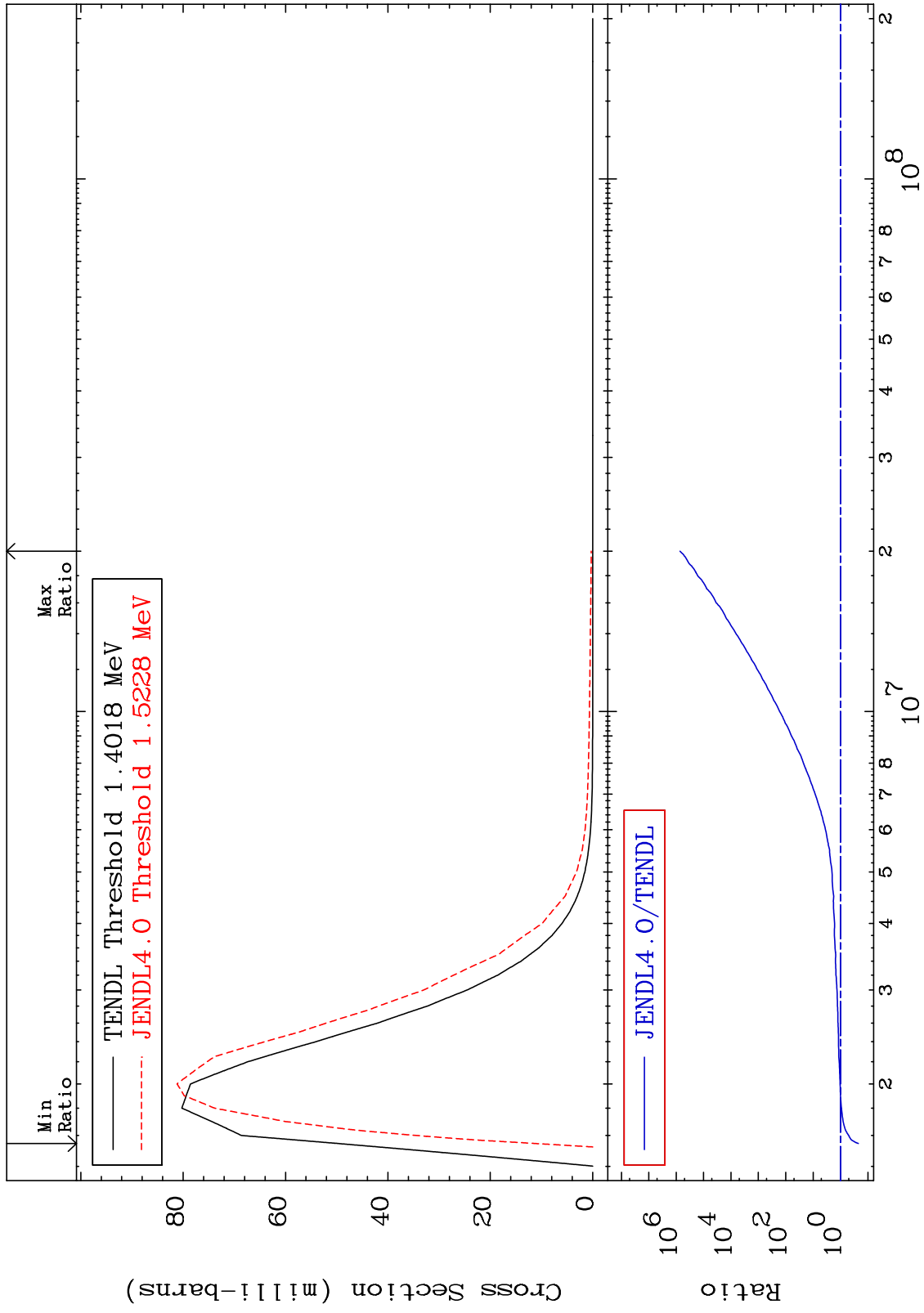
MAT 5046 MT= 65 (n,n') Level
 Cross Section 50-Sn-119
 -99.90 To -93.04%



MAT 5046 MT= 66 (n,n') Level Cross Section 50-Sn-119 To 9999. %
 109.7



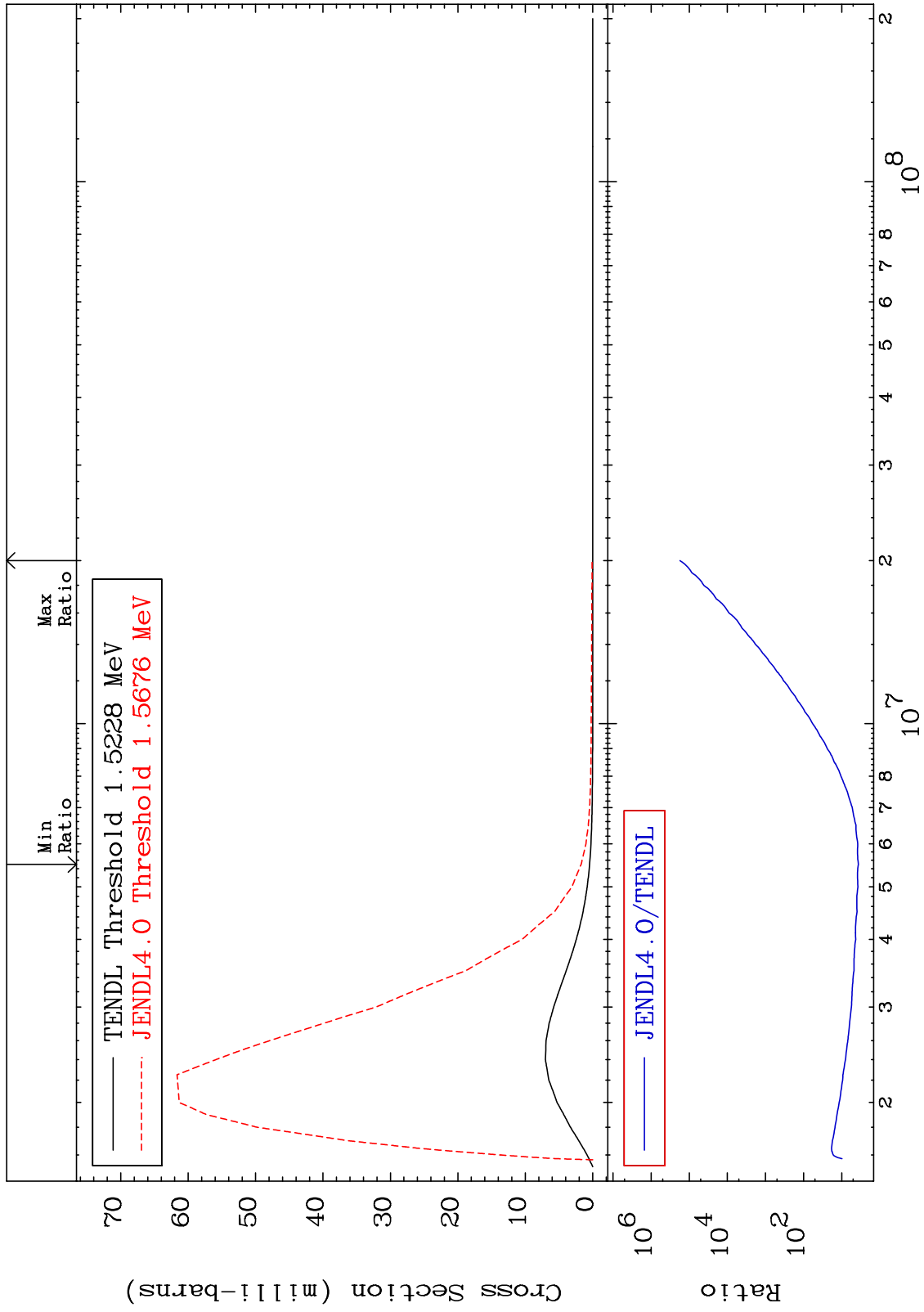
MAT 5046 MT= 67 (n,n') Level 50-Sn-119
 Cross Section -77.79 To 9999. %



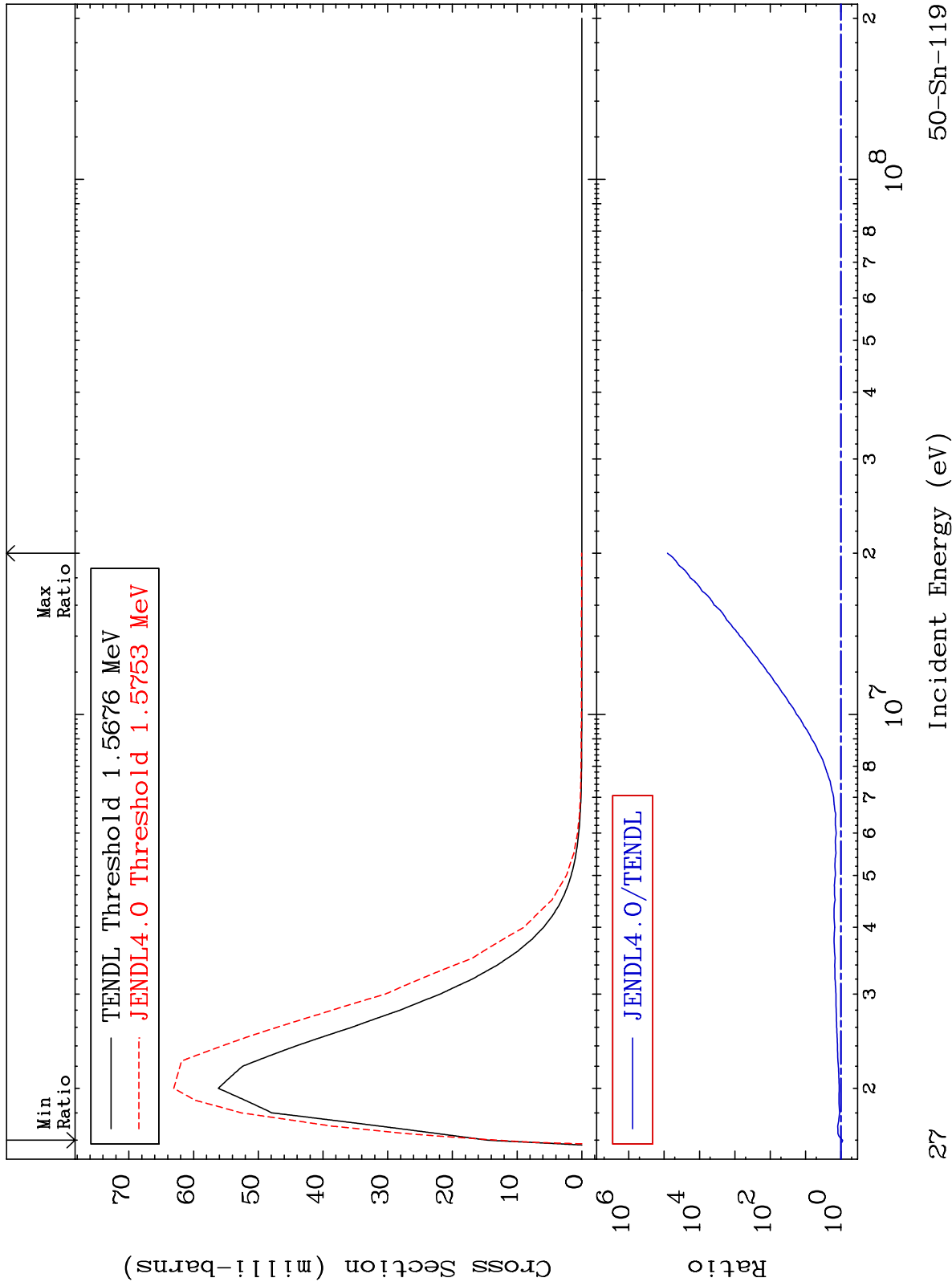
MAT 5046

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

50-Sn-119
264.4 To 9999. %



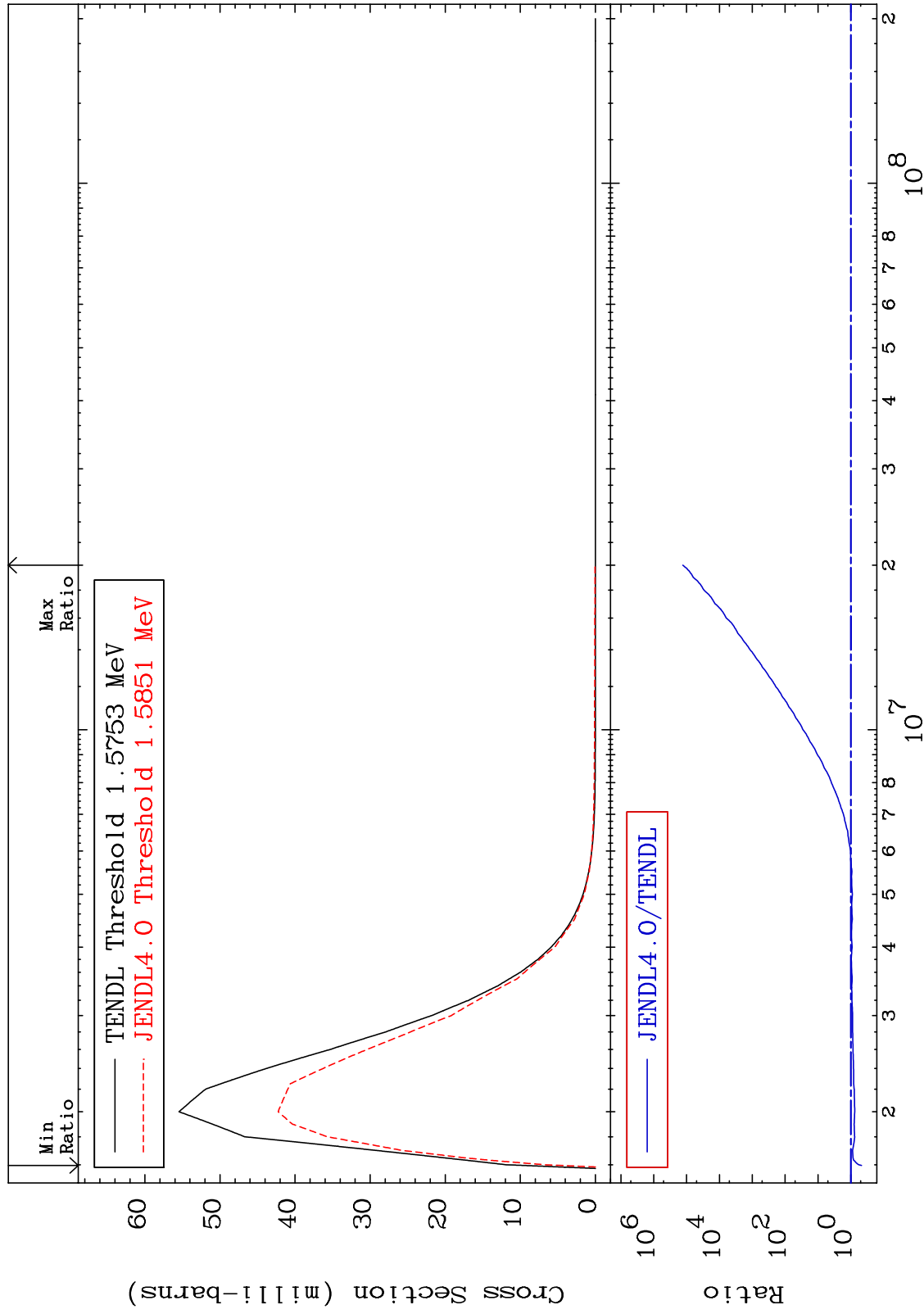
MAT 5046 MT= 69 (n,n') Level Cross Section 50-Sn-119
 -10.25 To 9999. %



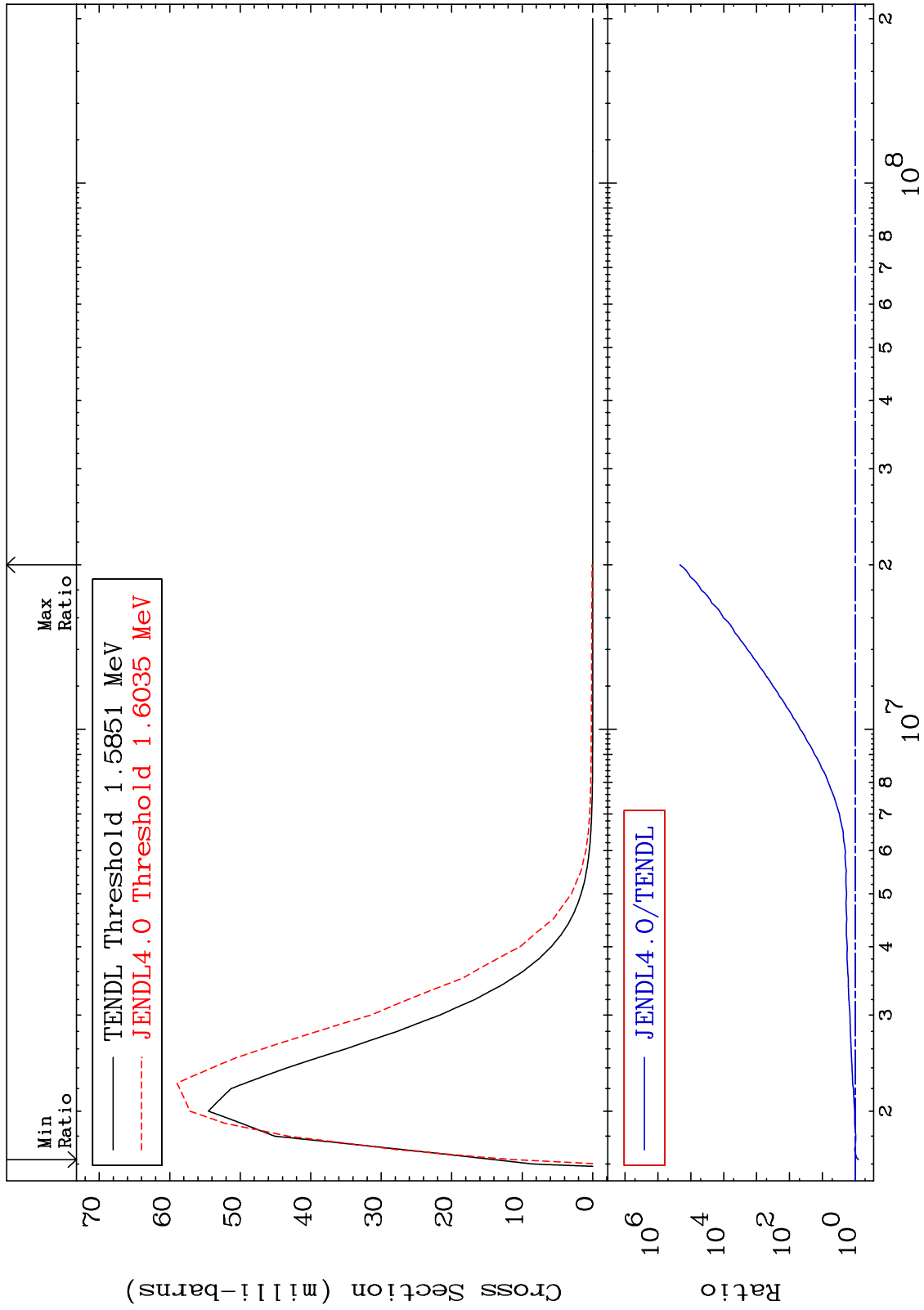
MAT 5046

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

50-Sn-119
-52.87 To 9999. %



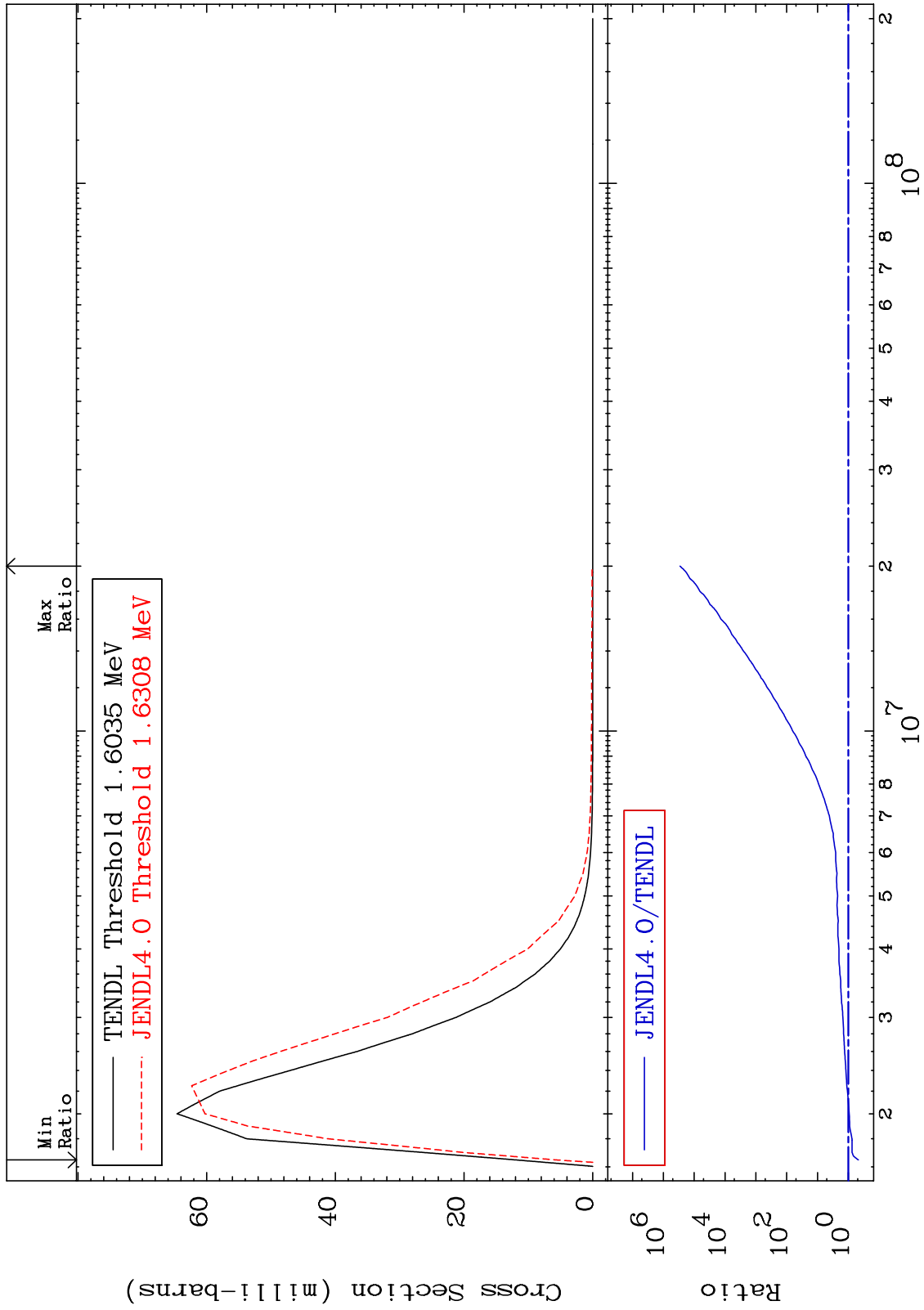
MAT 5046 MT= 71 (n,n') Level Cross Section 50-Sn-119
 -19.97 To 9999. %



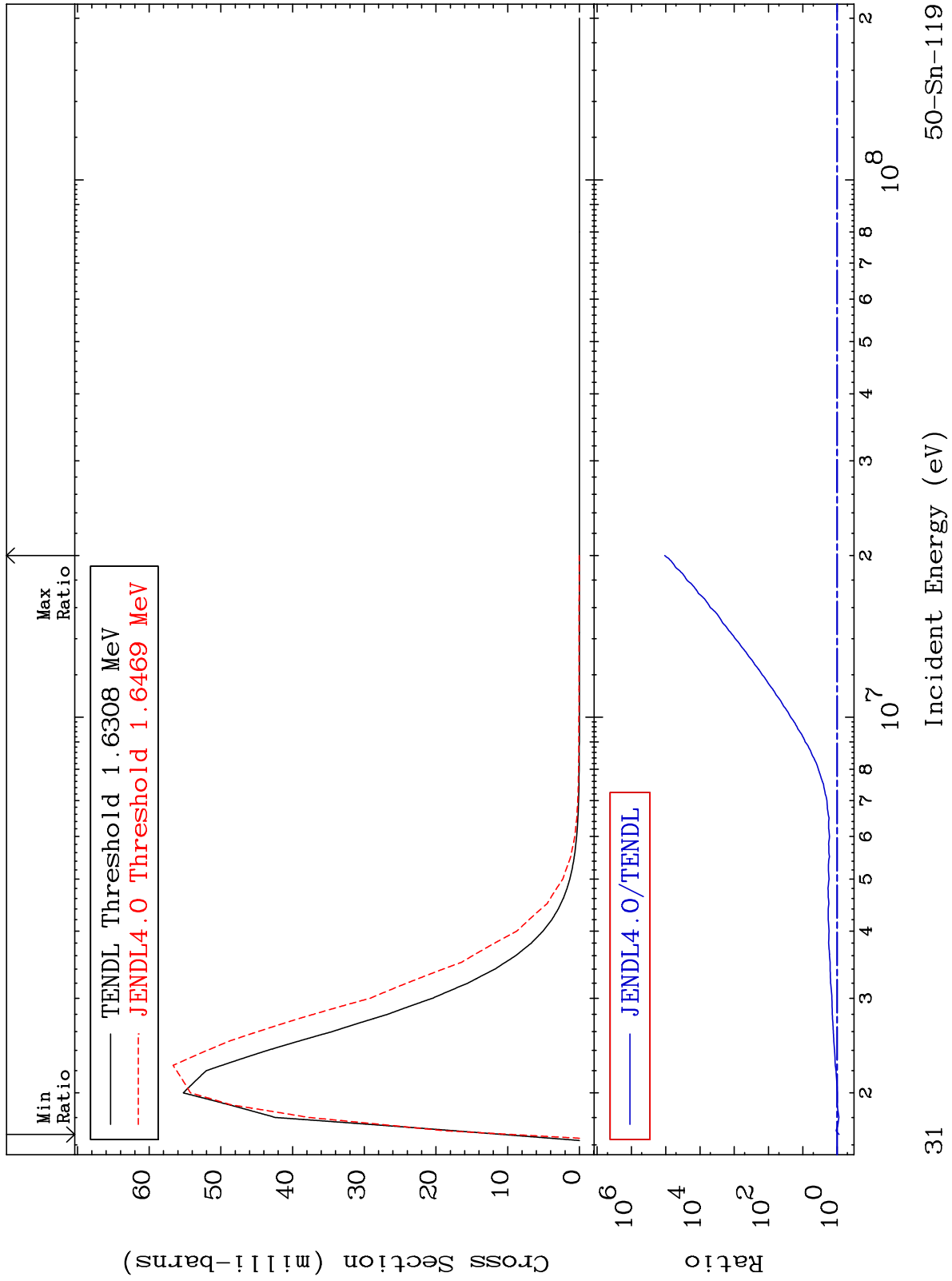
MAT 5046

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

50-Sn-119
-52.76 To 9999. %



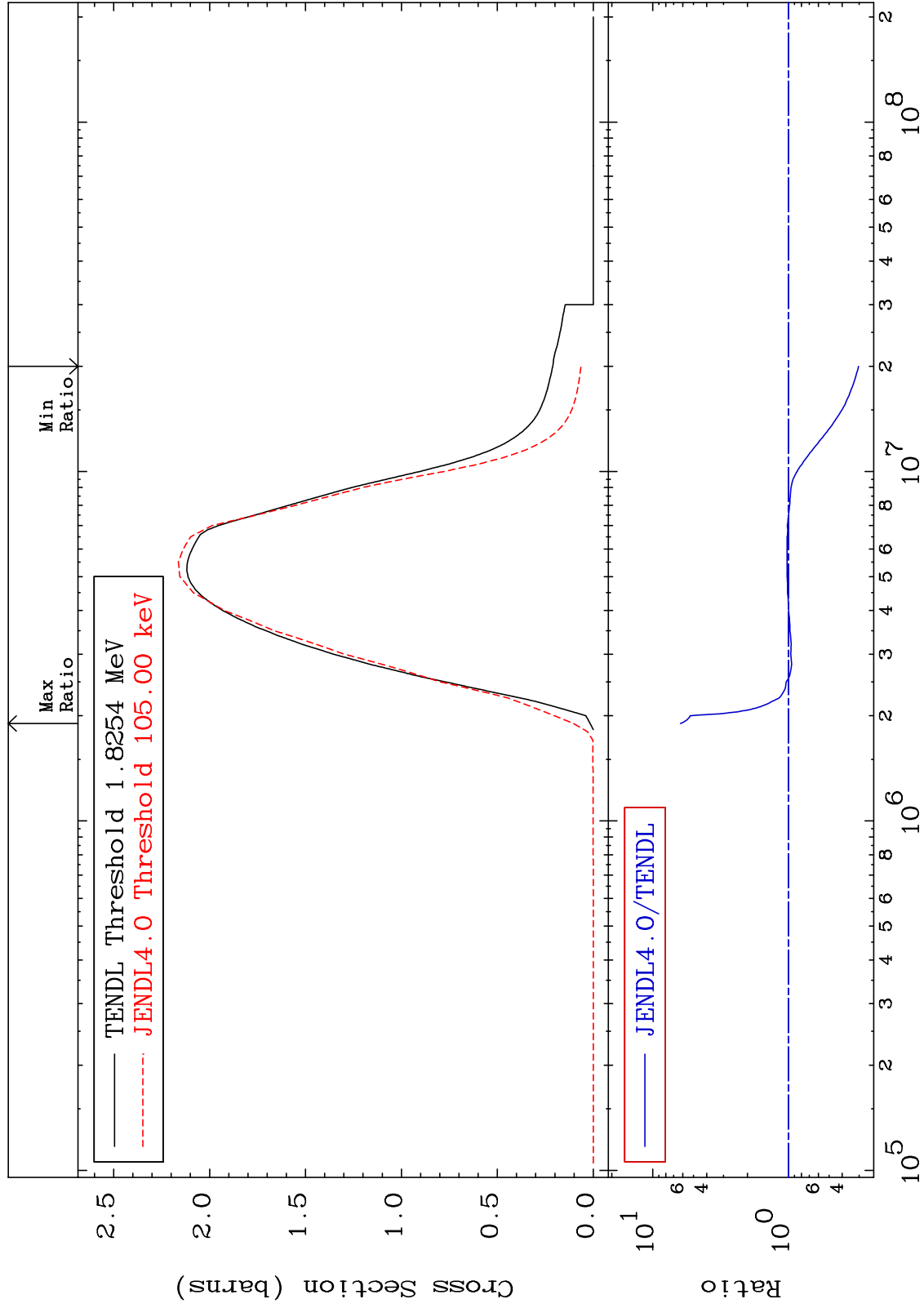
MAT 5046 MT= 73 (n,n') Level Cross Section 50-Sn-119 -12.37 To 9999. %



MAT 5046

(n, n') Continuum
Cross Section

50-Sn-119
-69.67 To 524.1 %



Incident Energy (eV)

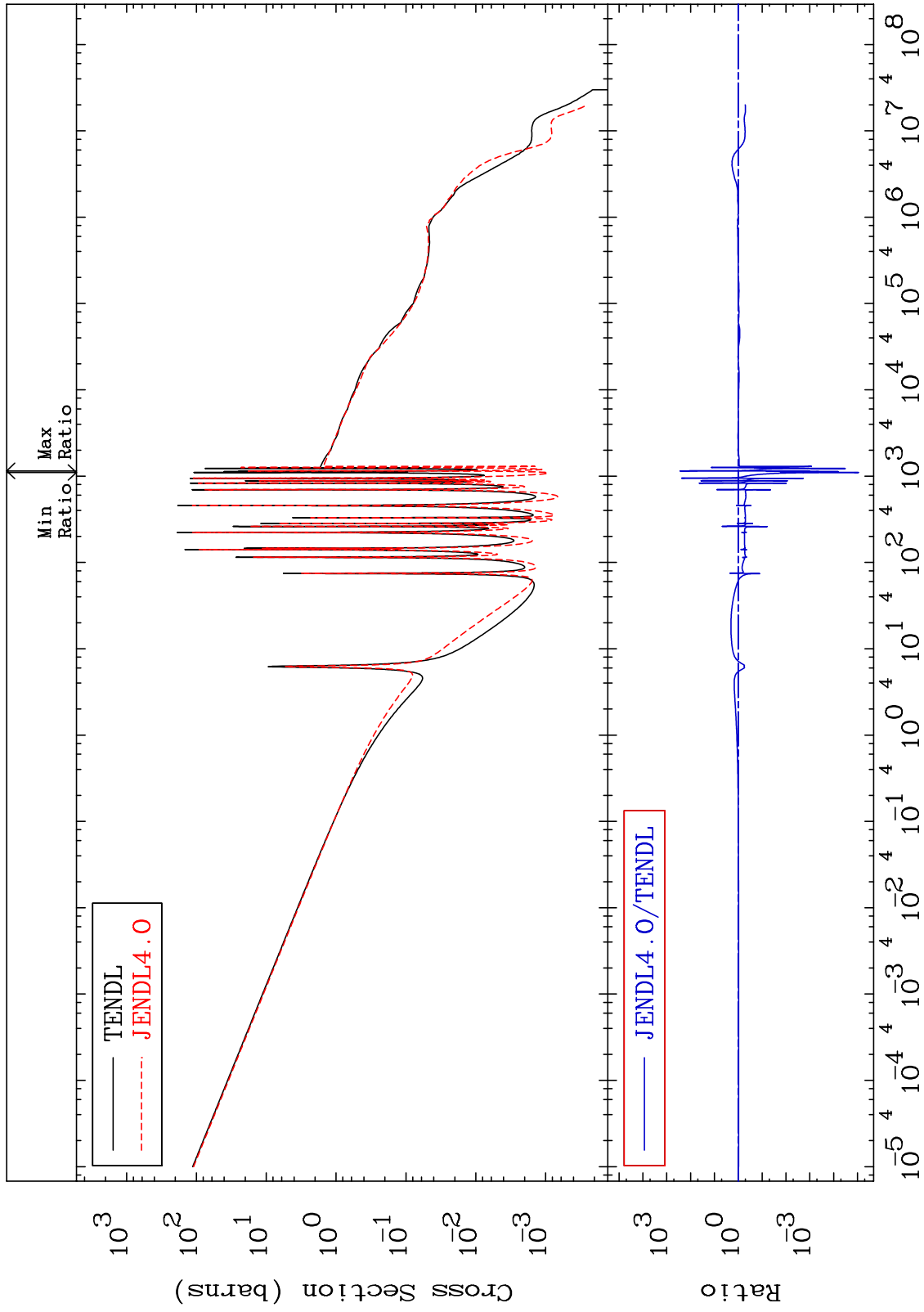
50-Sn-119

32

MAT 5046

(n, γ)
Cross Section

50-Sn-119
-100.0 To 9999. %



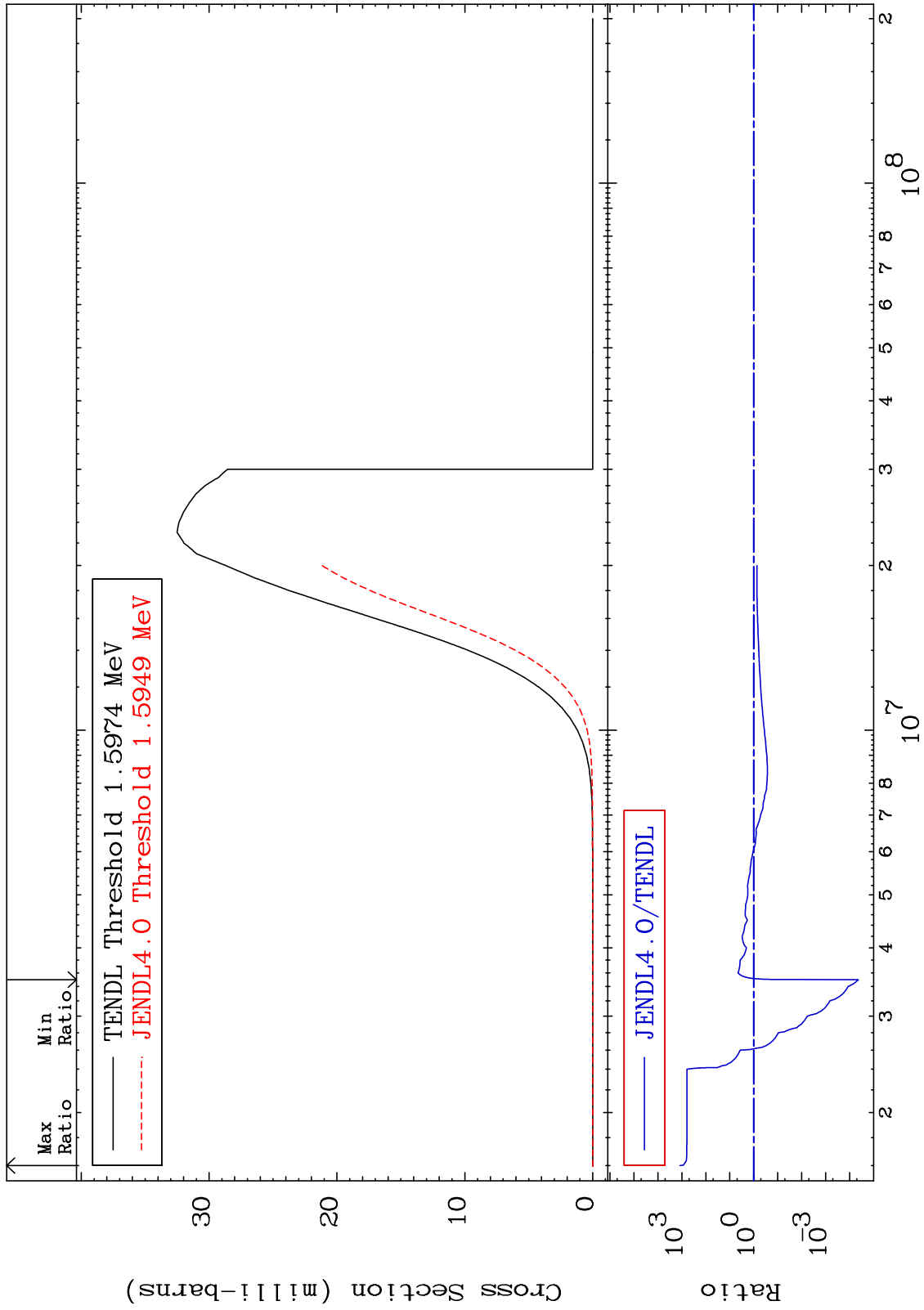
MAT 5046

(n,p)

50-Sn-119

Cross Section

-100.0 To 9999. %



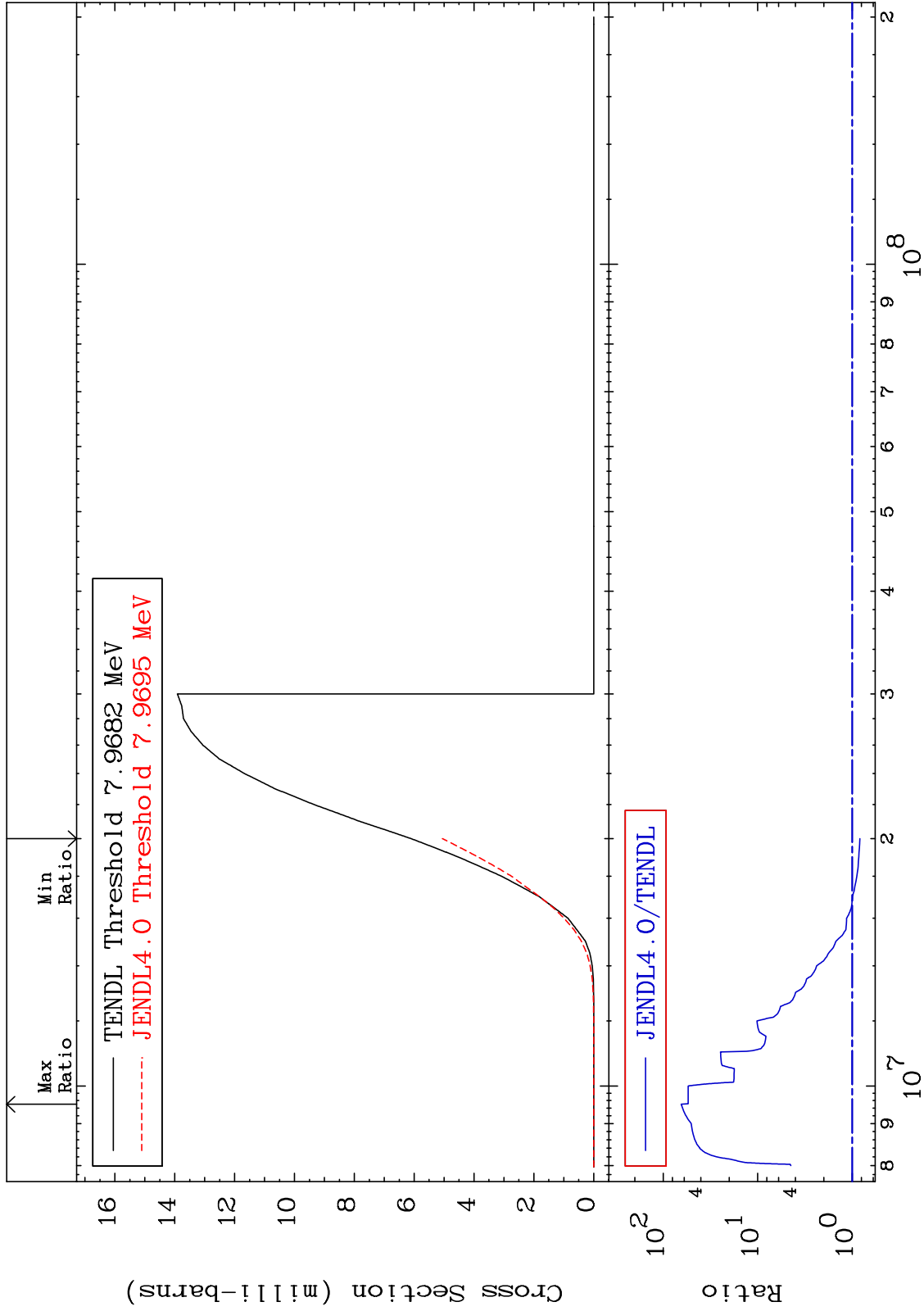
MAT 5046

(n,d)

50-Sn-119

Cross Section

-17.15 To 6351. %



50-Sn-119

Incident Energy (eV)

35

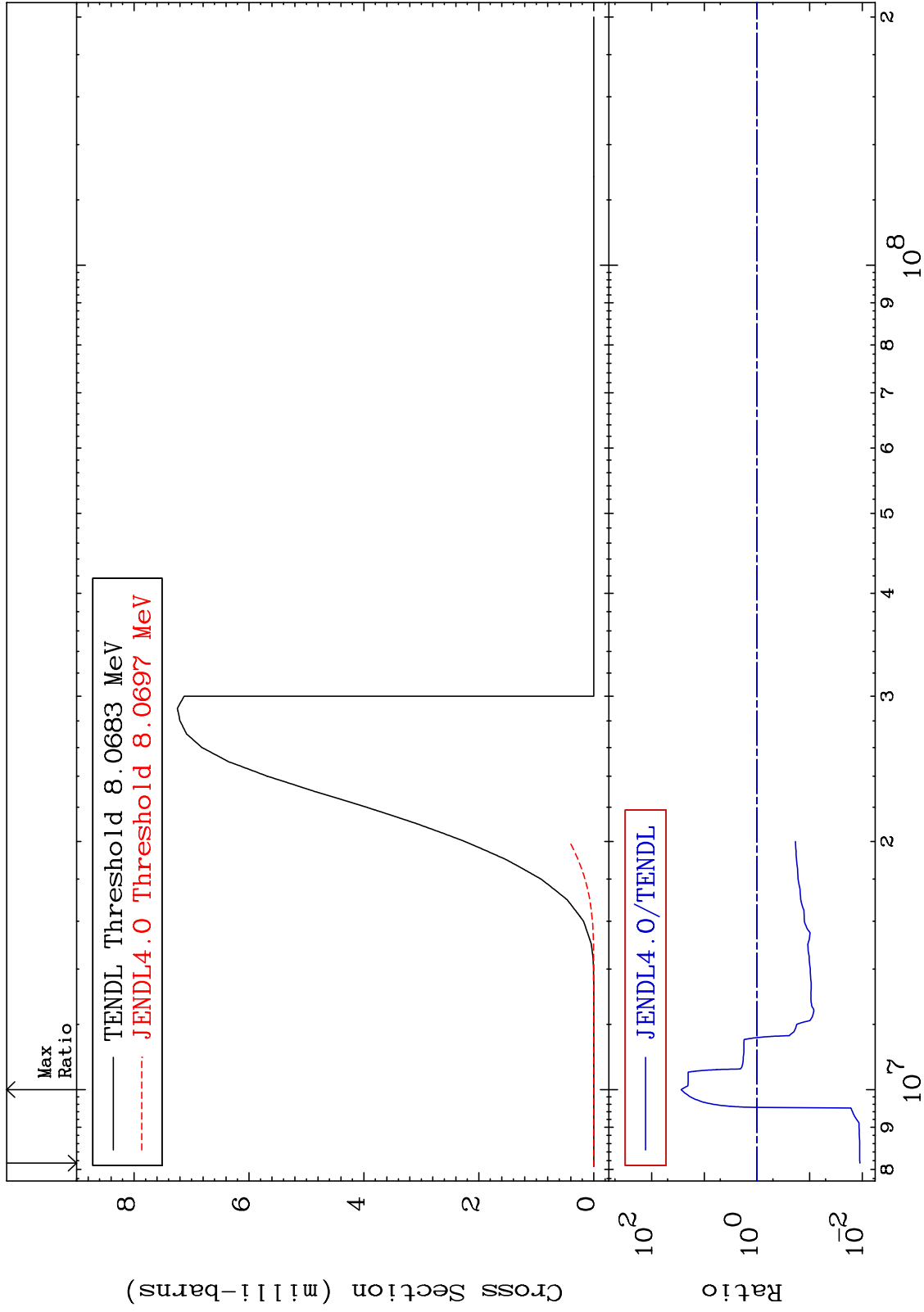
MAT 5046

(n, t)

50-Sn-119

Cross Section

-98.89 To 2651. %



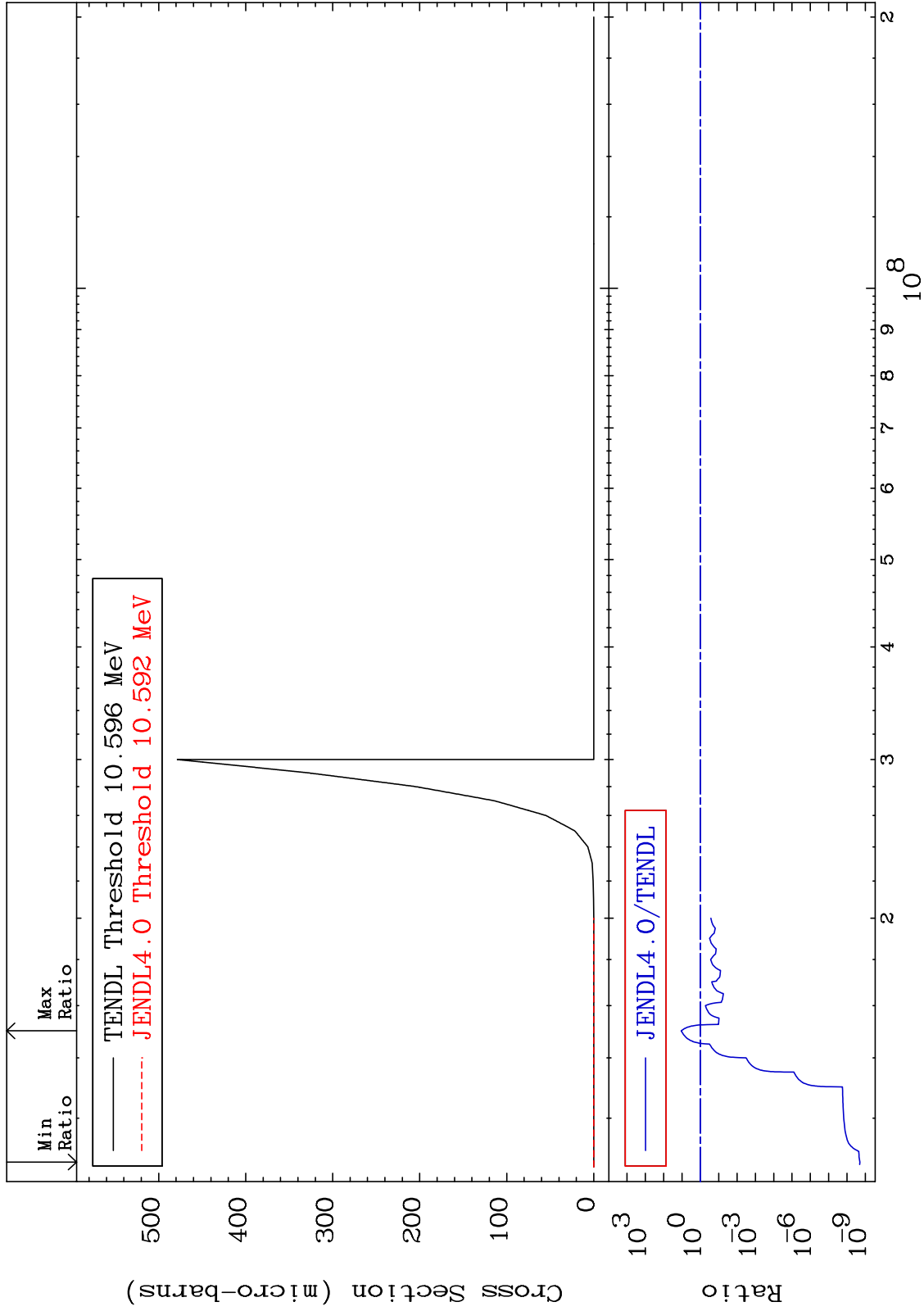
MAT 5046

(n, He-3)

50-Sn-119

Cross Section

-100.0 To 1001. %



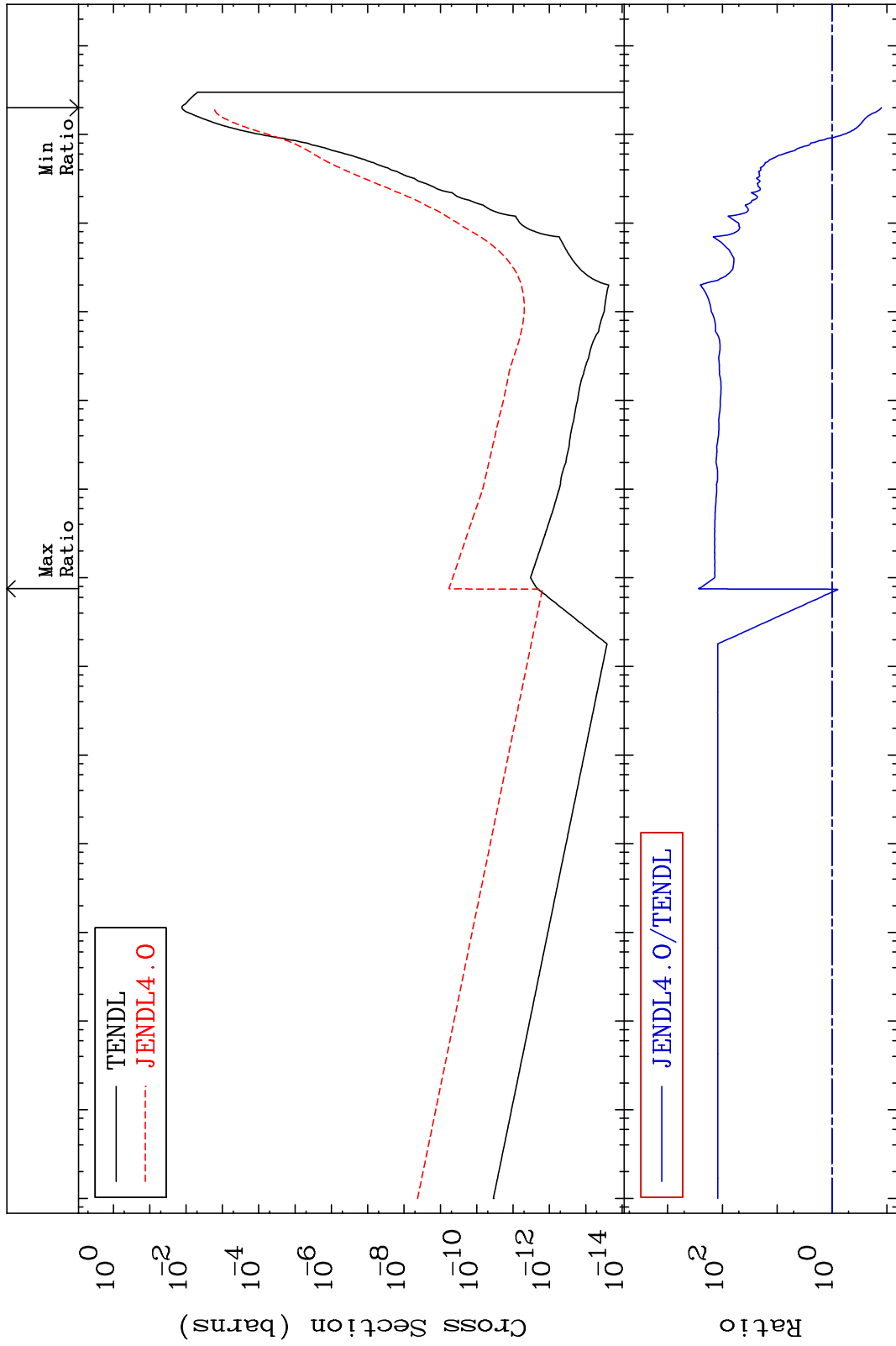
MAT 5046

(n, α)

50-Sn-119

Cross Section

-87.49 To 9999. %



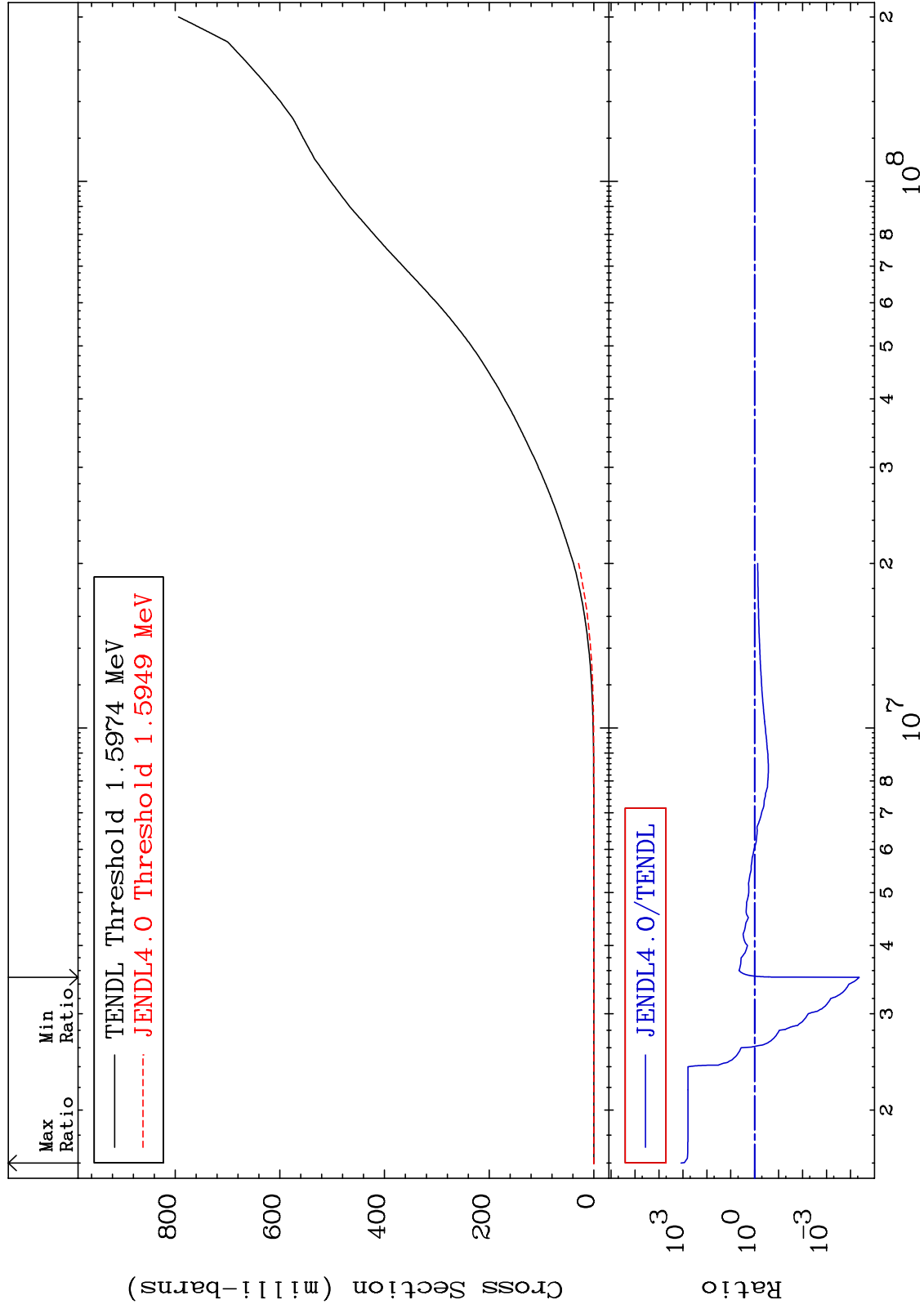
Incident Energy (eV)

50-Sn-119

MAT 5046

Hydrogen Production
Cross Section

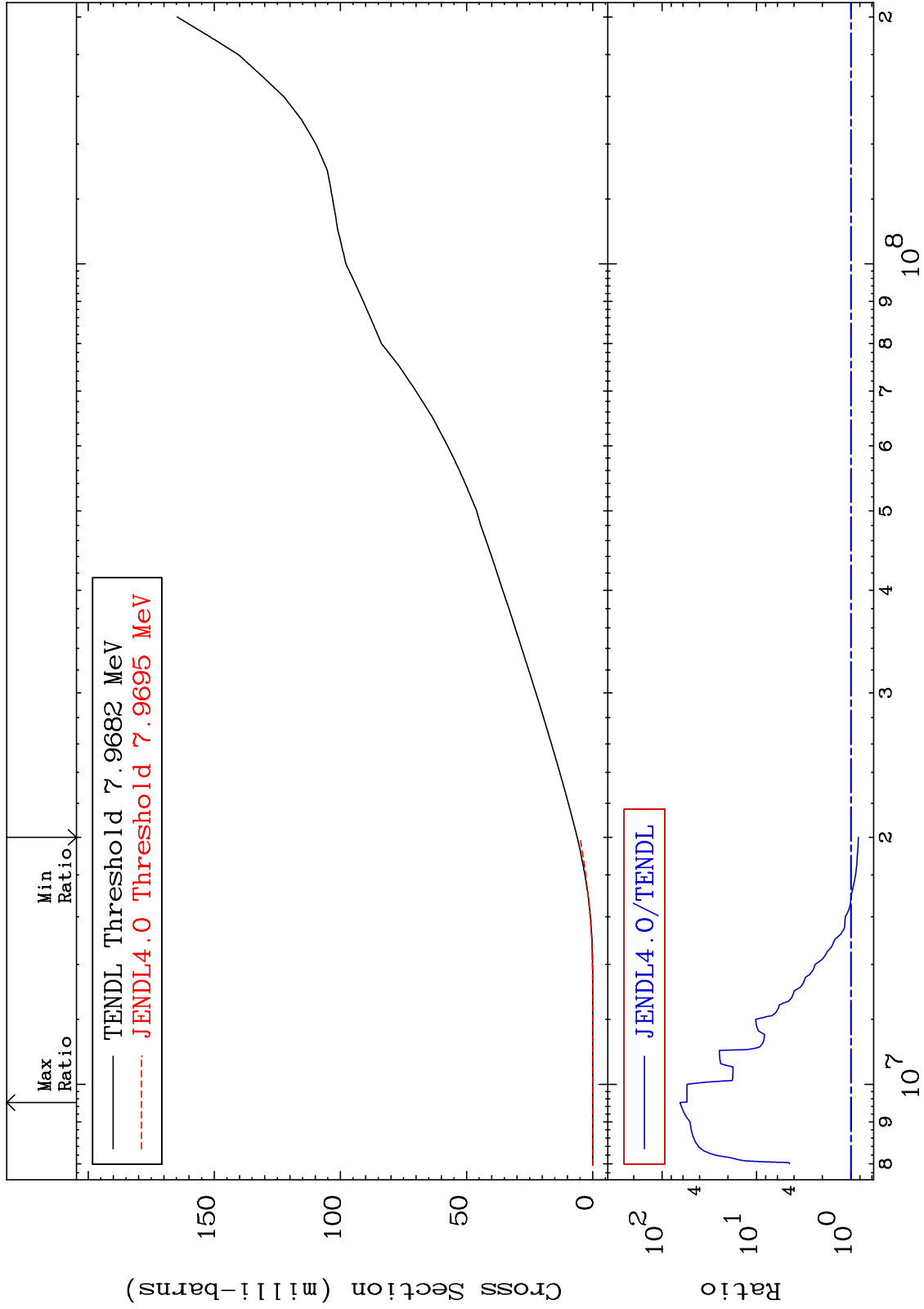
50-Sn-119
-100.0 To 9999. %



MAT 5046

Deuterium Production
Cross Section

50-Sn-119
-16.85 To 6351. %



40

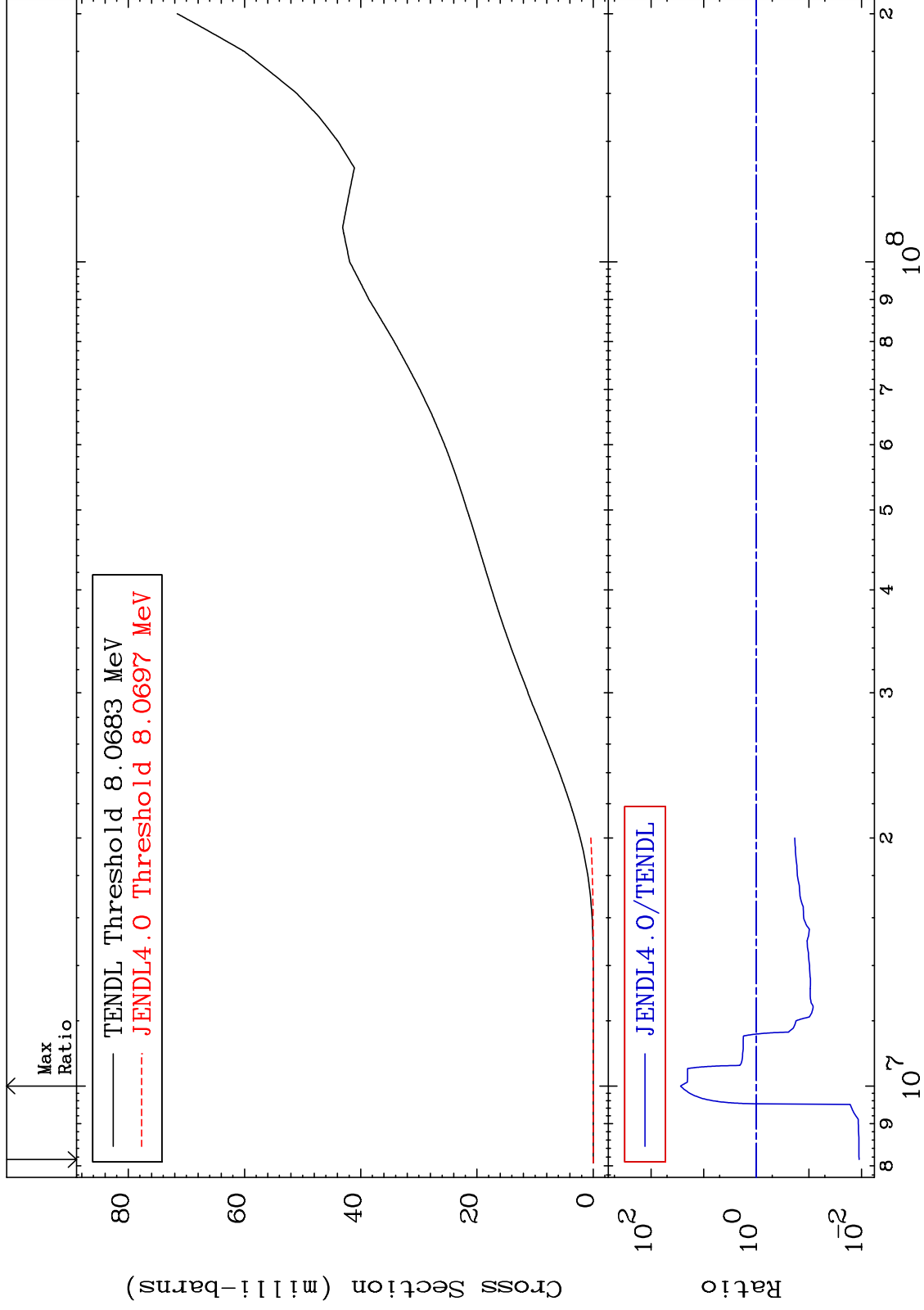
Incident Energy (eV)

50-Sn-119

MAT 5046

Tritium Production
Cross Section

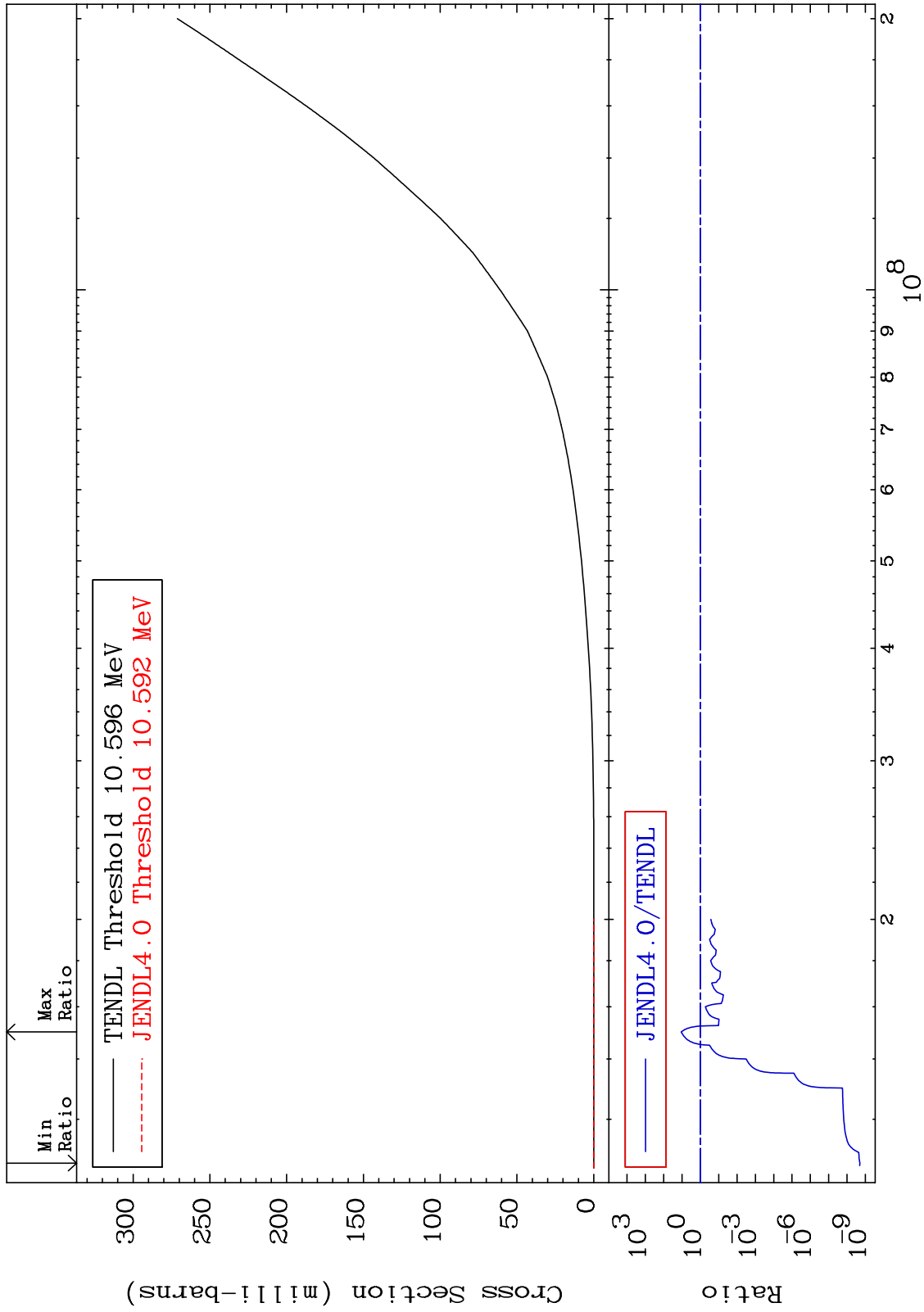
50-Sn-119
-98.89 To 2651. %



MAT 5046

He-3 Production
Cross Section

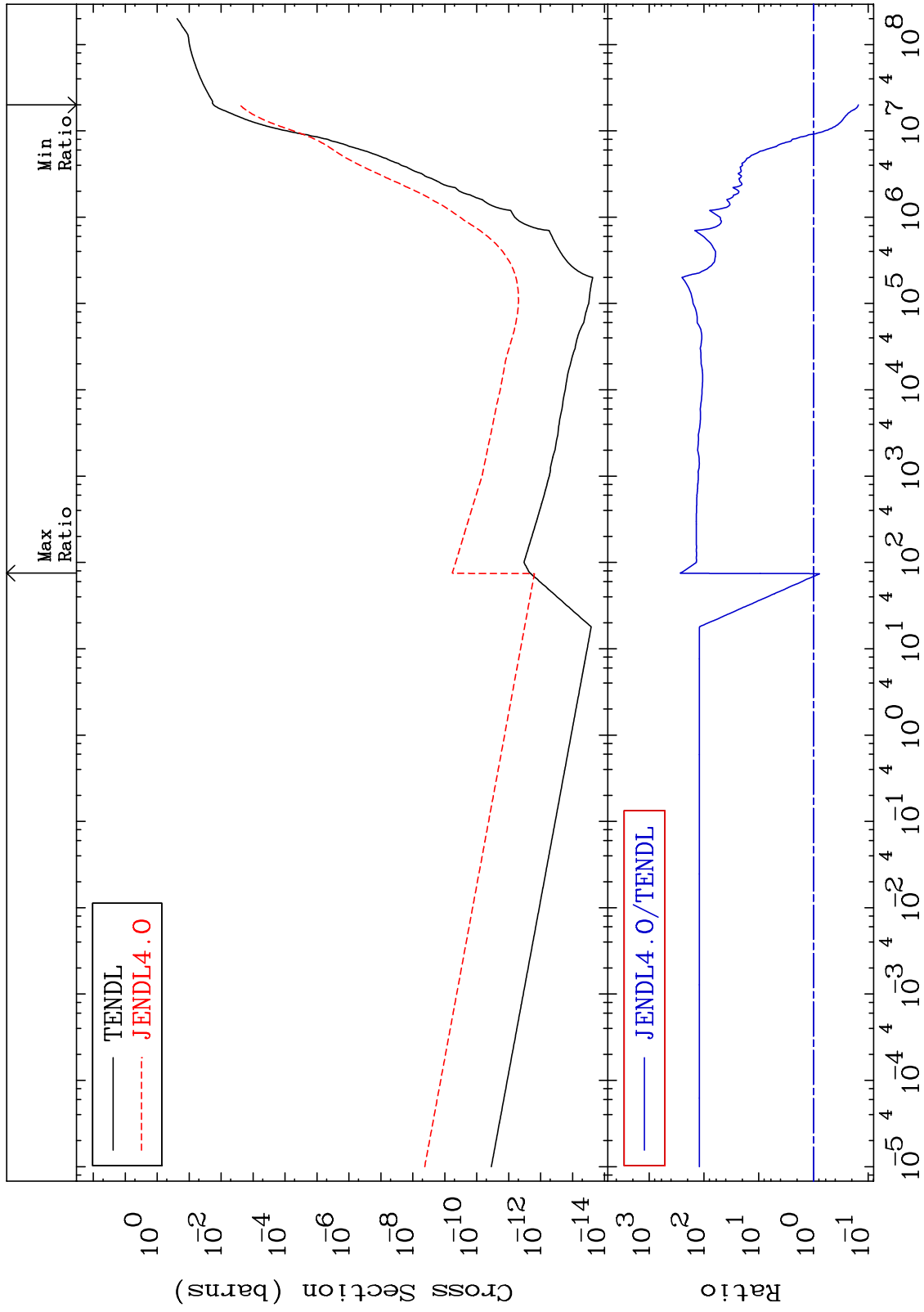
50-Sn-119
-100.0 To 1001. %



MAT 5046

He-4 Production
Cross Section

50-Sn-119
-84.90 To 9999. %

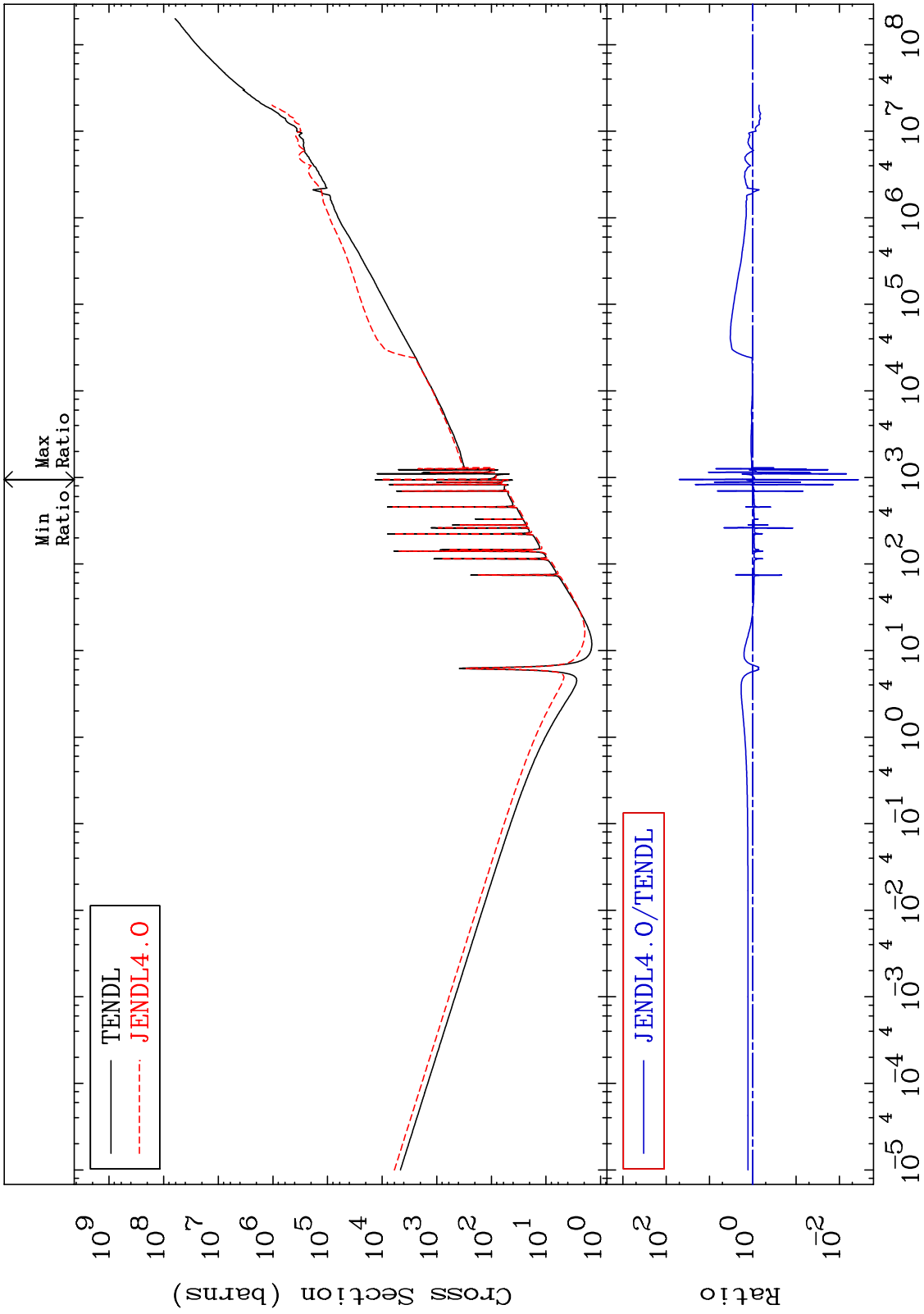


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Incident Energy (eV)

50-Sn-119

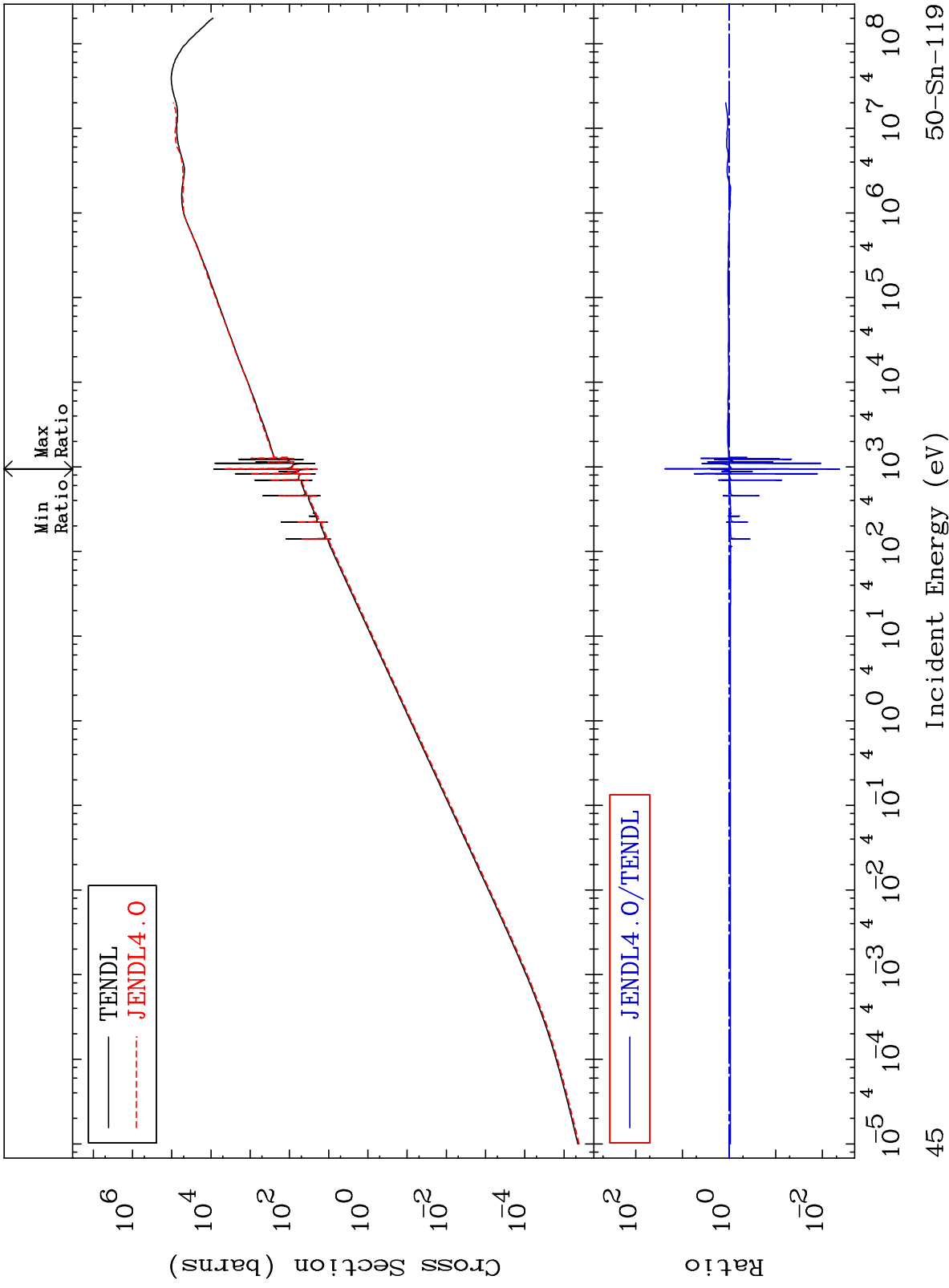
MAT 5046 Kerma total (eV-barns) 50-Sn-119
 -99.64 To 4860. %
 Cross Section



MAT 5046

Kerma elastic
Cross Section

50-Sn-119
-99.58 To 2285. %



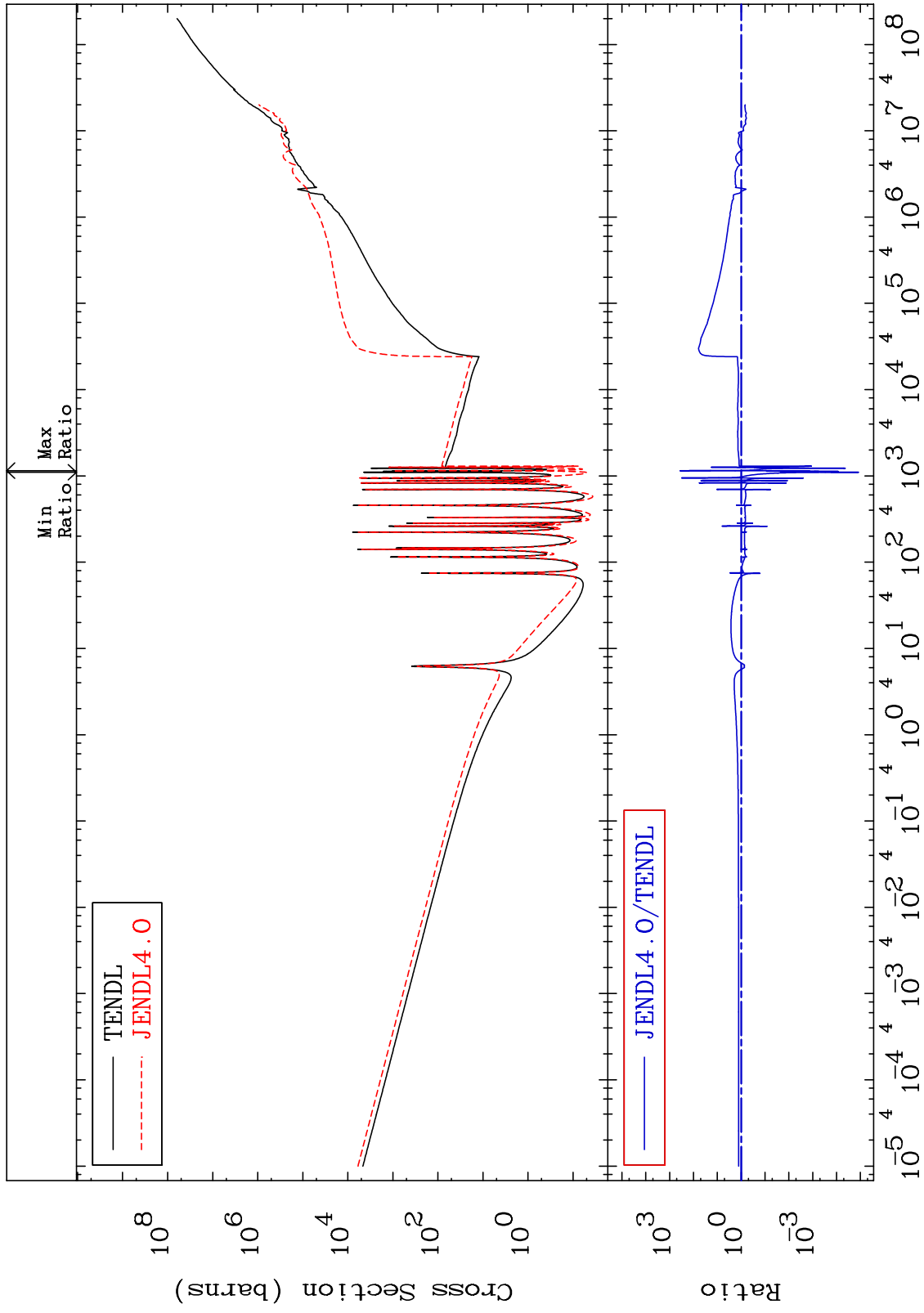
45

50-Sn-119

MAT 5046

Kerma non-elastic (all but mt2)
Cross Section

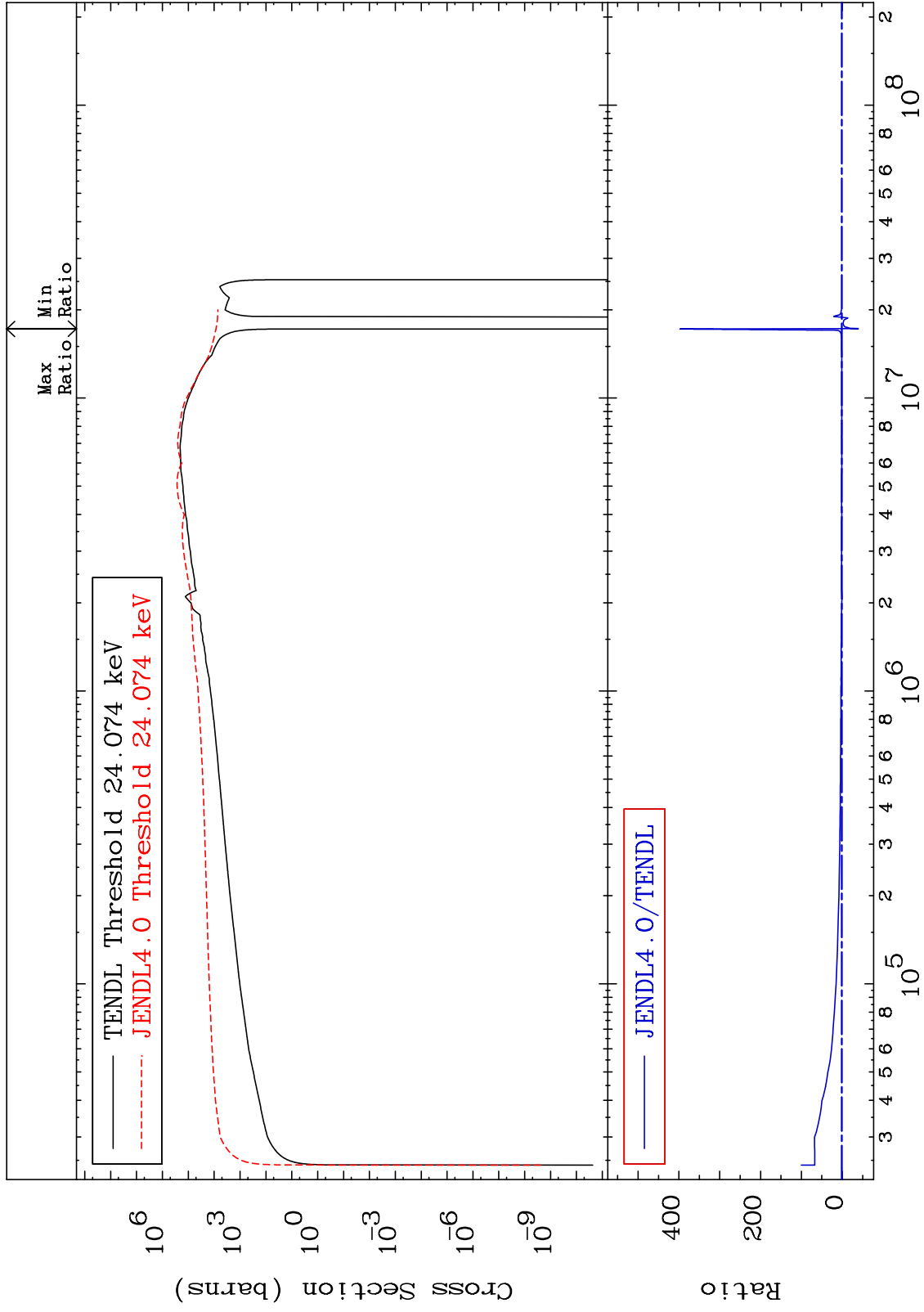
50-Sn-119
-100.0 To 9999. %



MAT 5046

Kerma inelastic (mt51-91)
Cross Section

50-Sn-119
-4067. To 9999. %



47

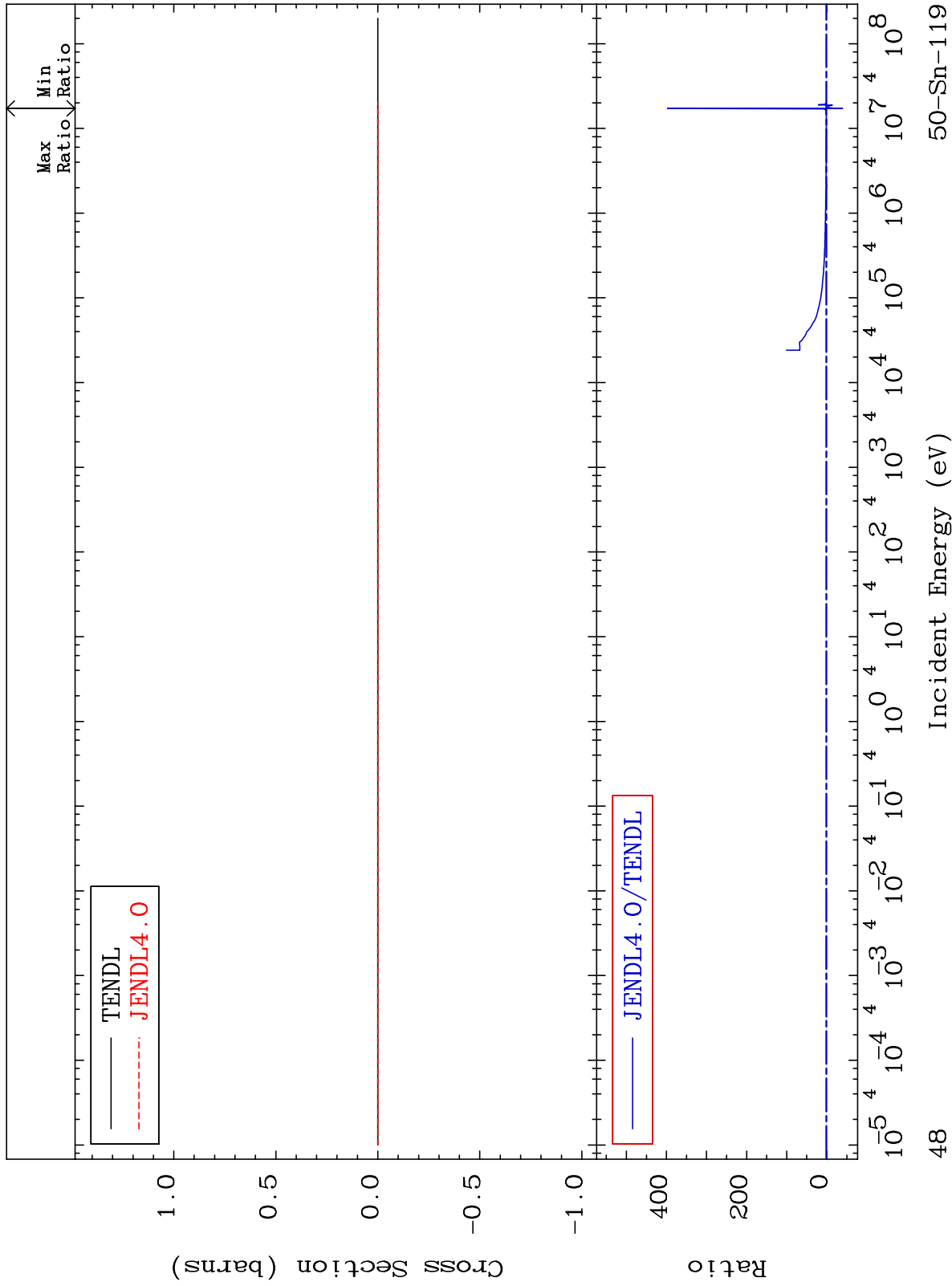
Incident Energy (eV)

50-Sn-119

MAT 5046

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

50-Sn-119
-4067. To 9999. %



50-Sn-119

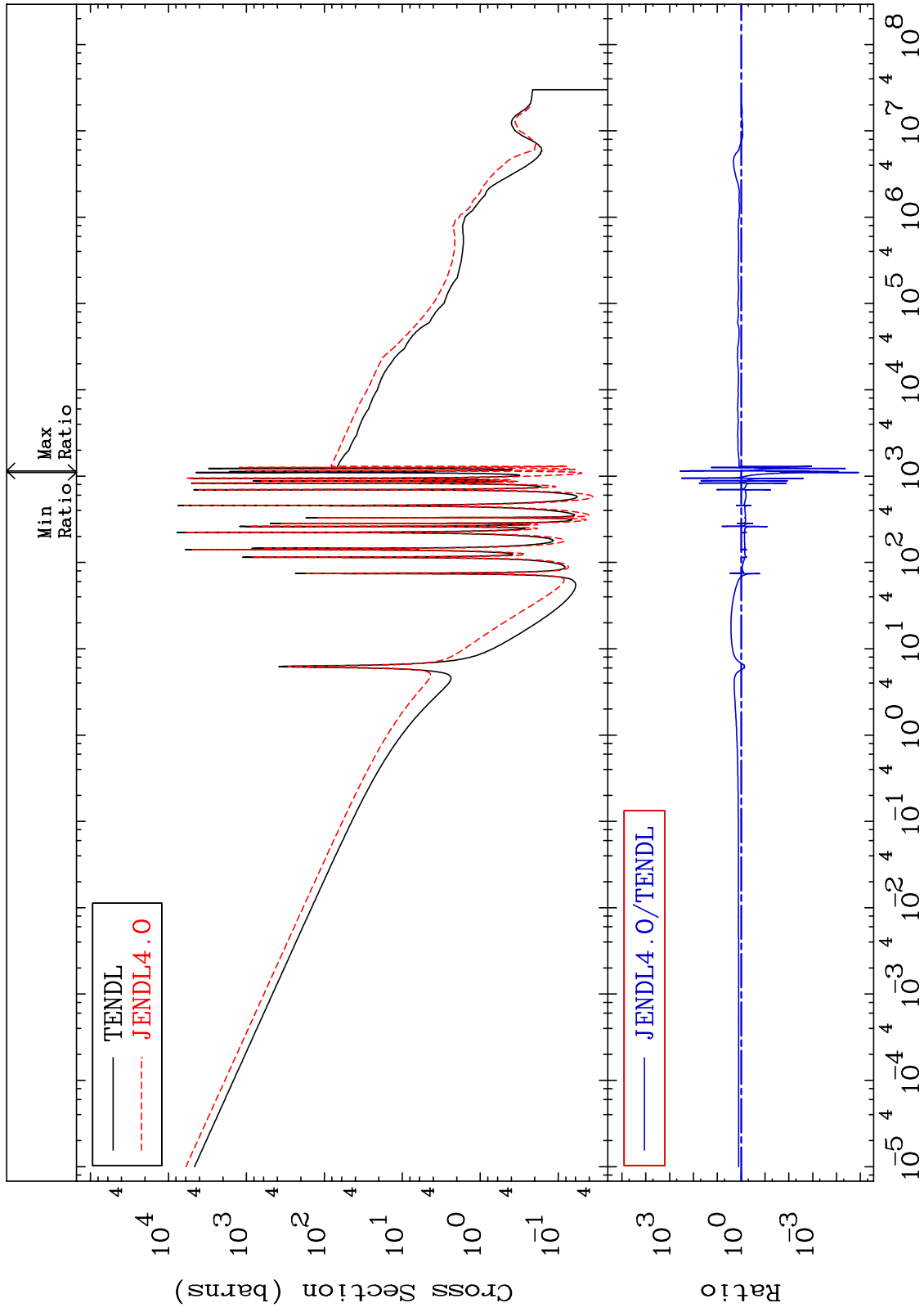
Incident Energy (eV)

48

MAT 5046

Kerma capture (mt102)
Cross Section

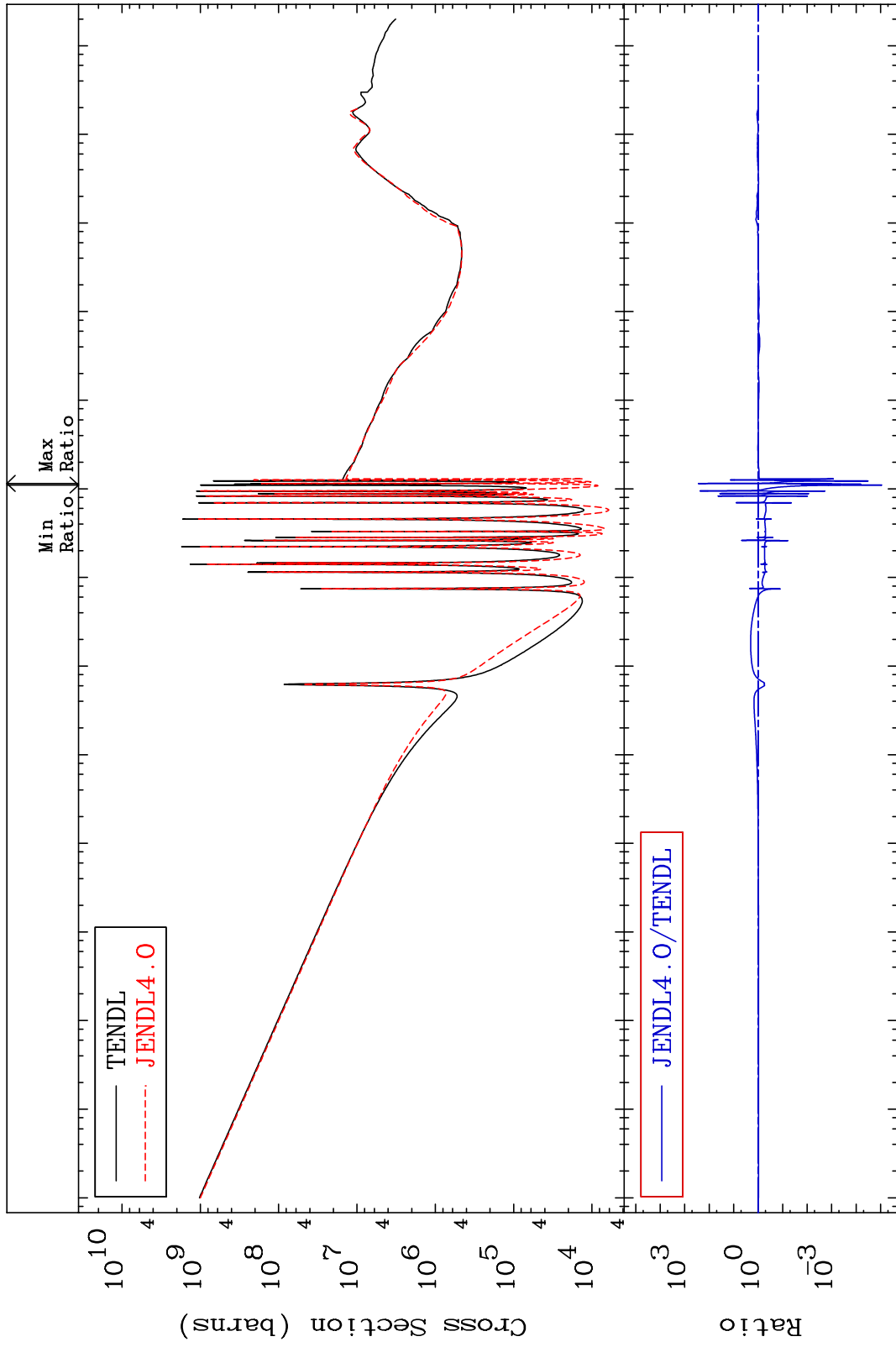
50-Sn-119
-100.0 To 9999. %



MAT 5046

Total photon (eV-barns)
Cross Section

50-Sn-119
-100.0 To 9999. %



50

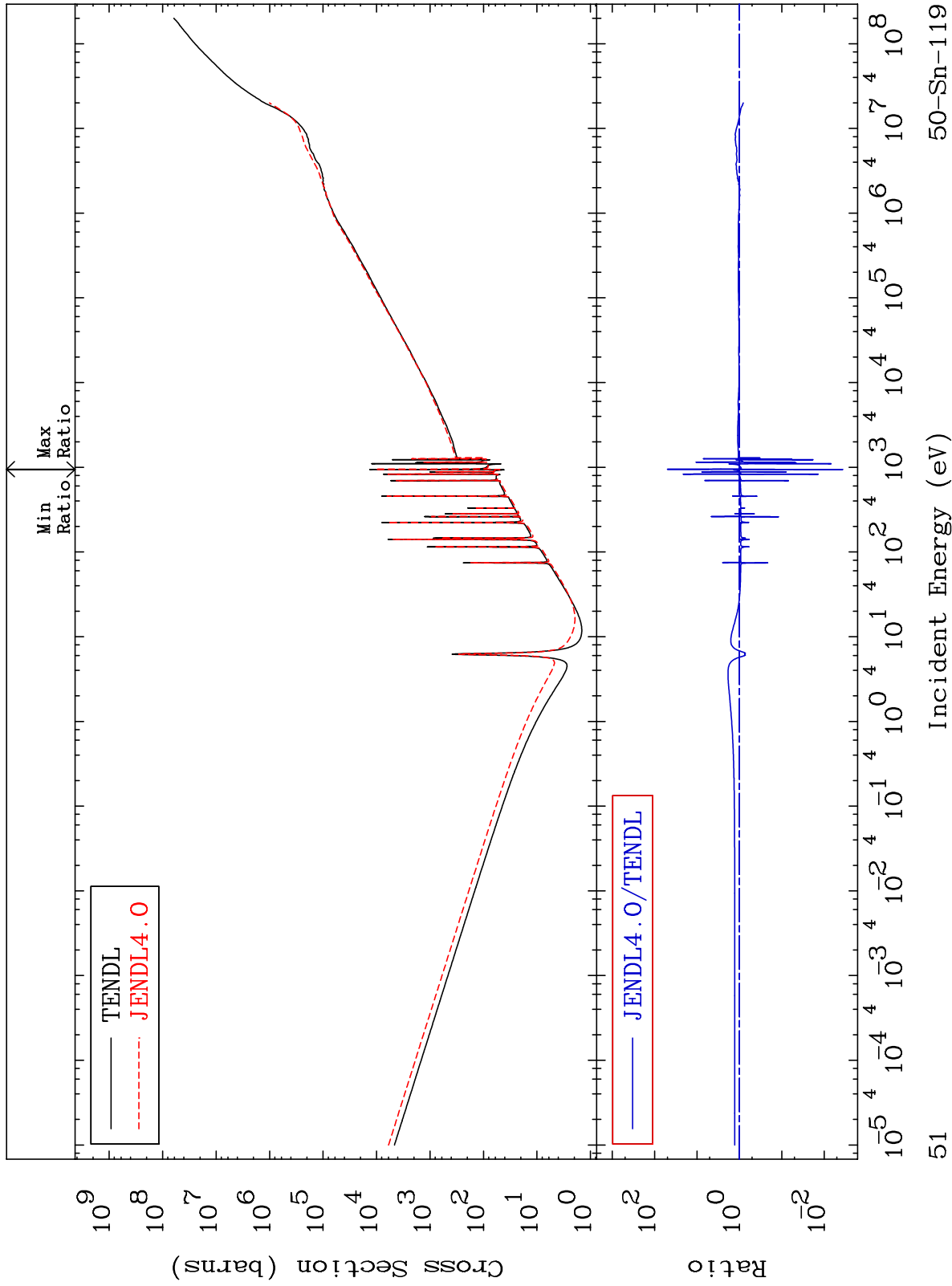
Incident Energy (eV)

50-Sn-119

MAT 5046

Total kinematic kerma (high limit)
Cross Section

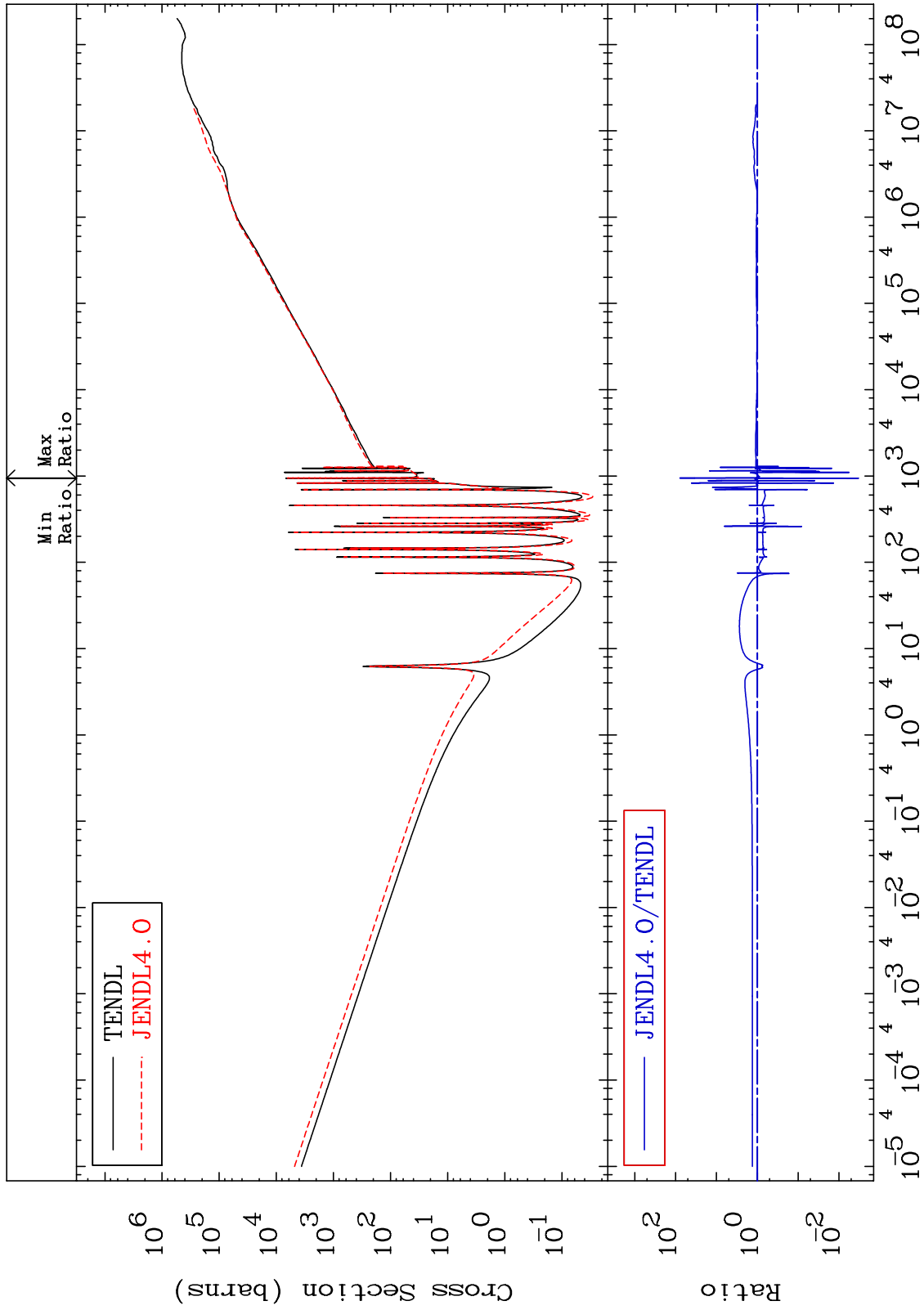
50-Sn-119
-99.64 To 4860. %



MAT 5046

Dpa total (eV-barns)
Cross Section

50-Sn-119
-99.67 To 7684. %



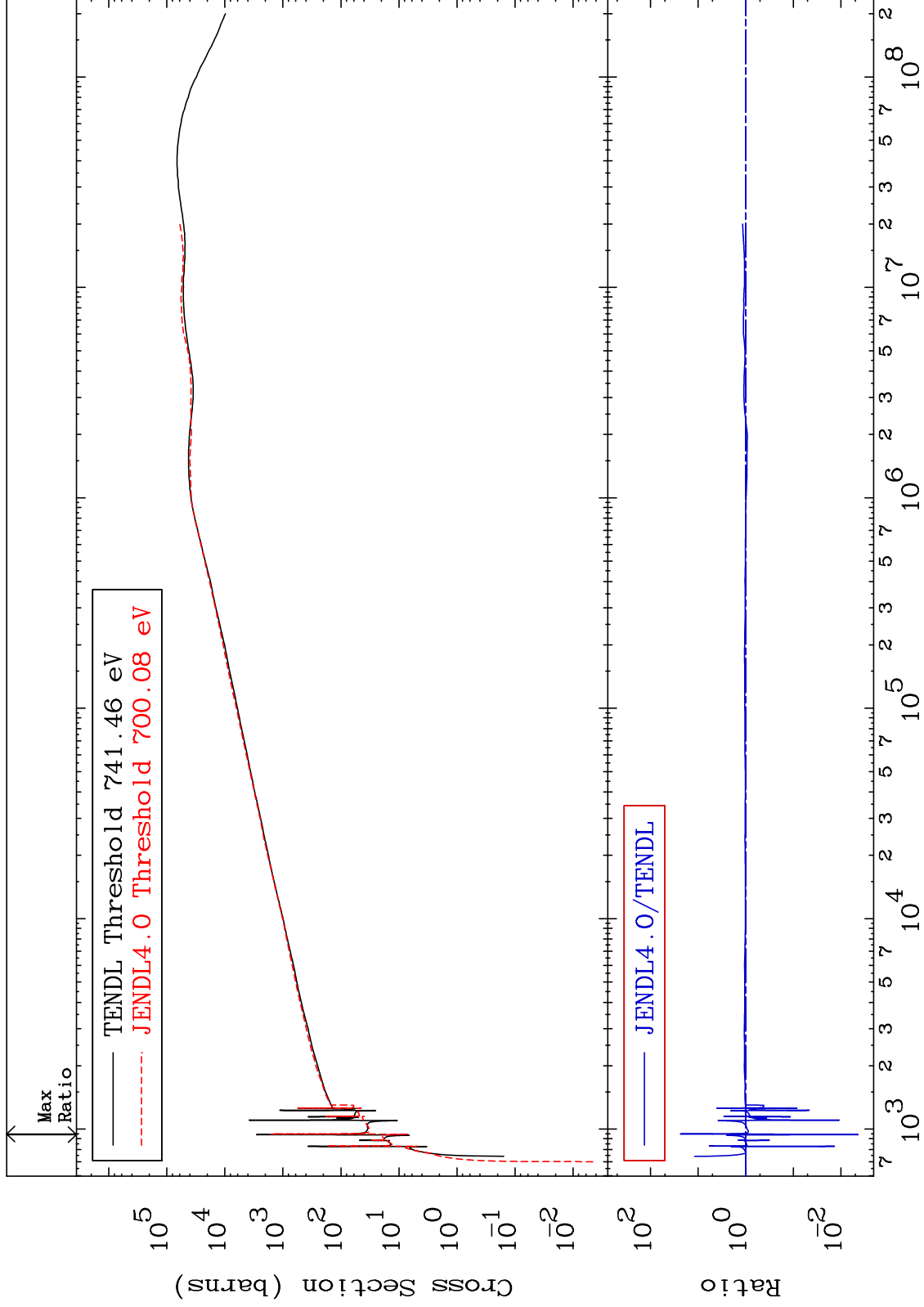
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 5046

Dpa elastic (mt2)
Cross Section

50-Sn-119
-99.57 To 2294. %

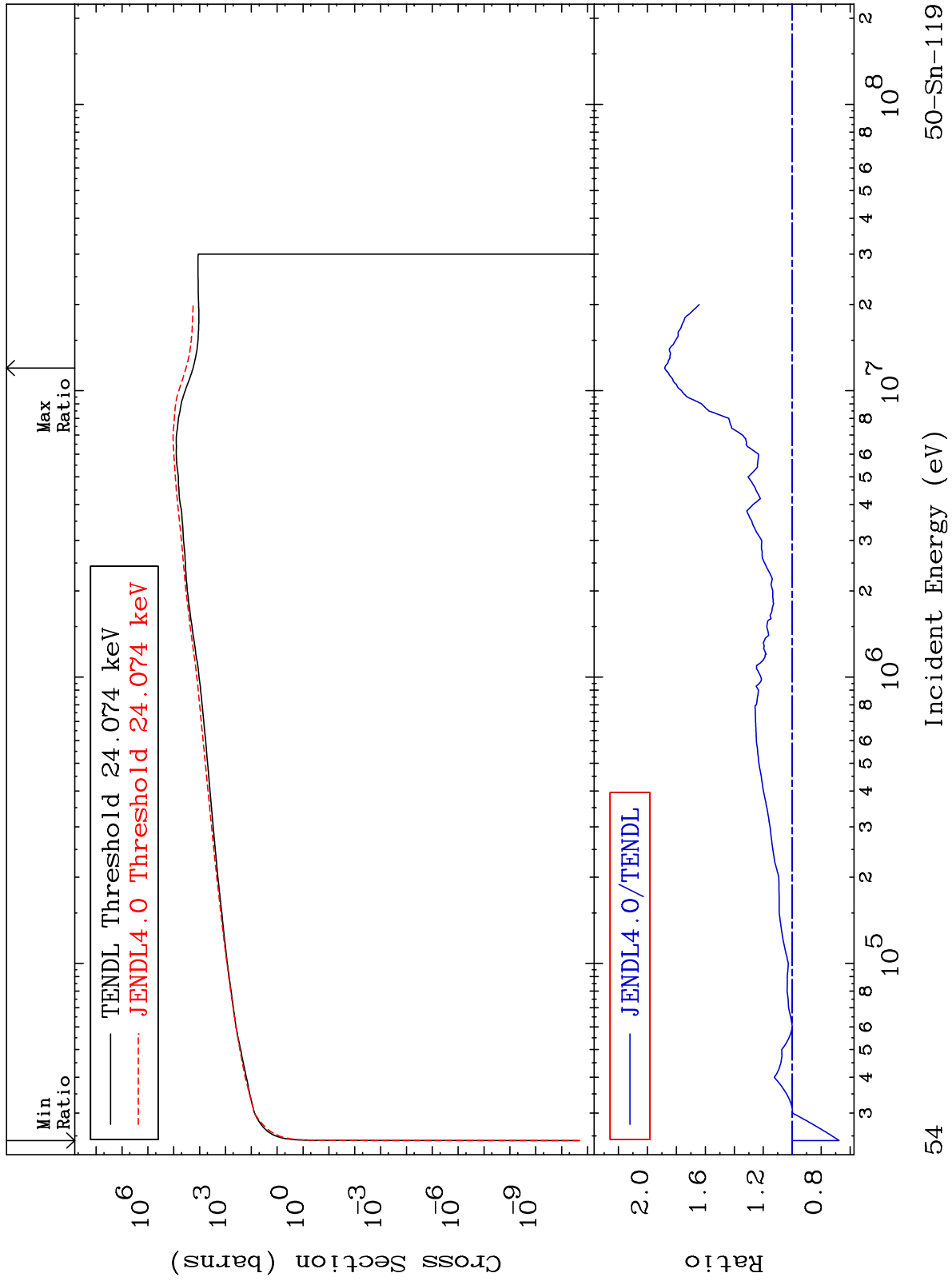


53

Incident Energy (eV)

50-Sn-119

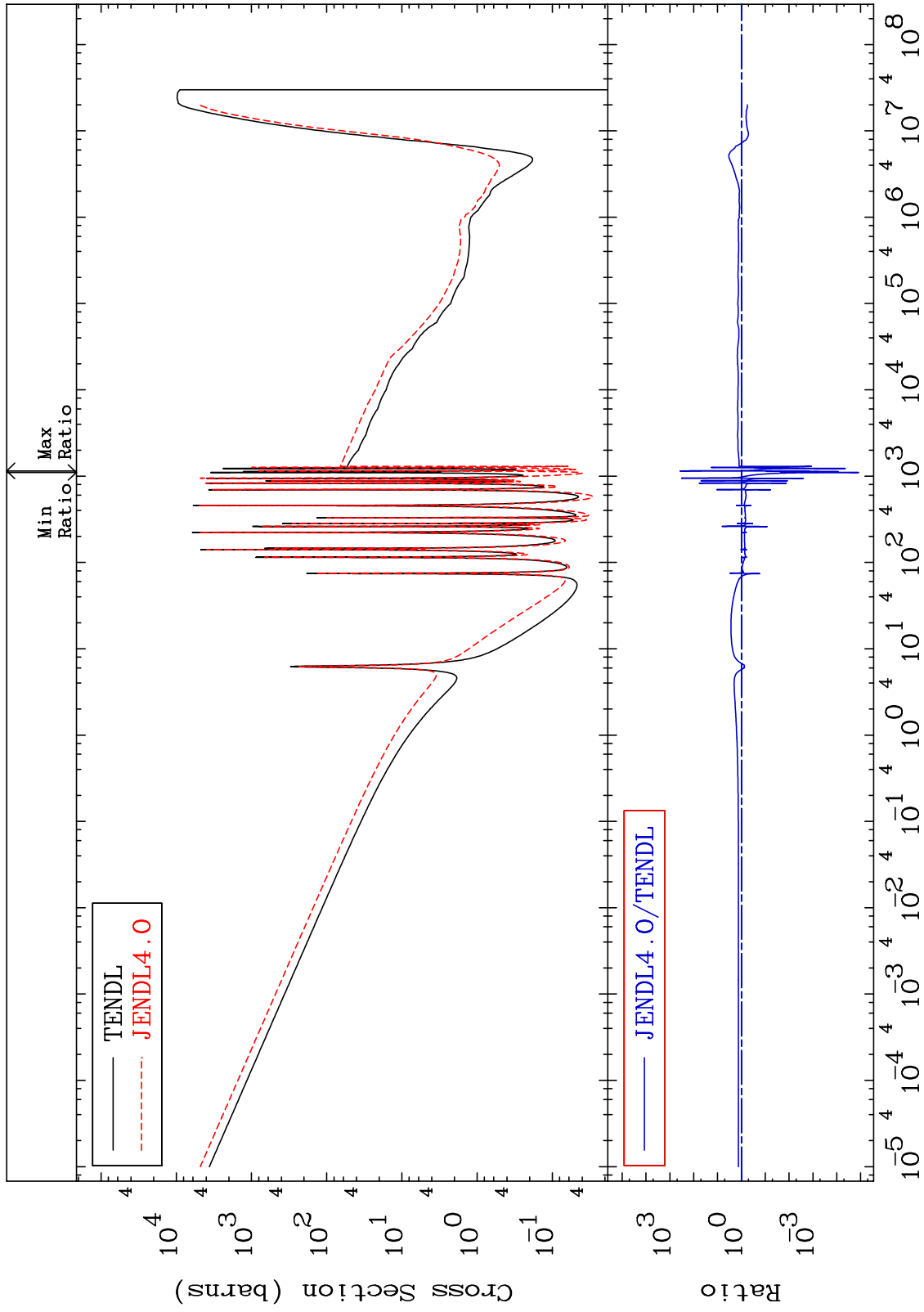
MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119
 Cross Section -32.39 To 88.07 %



MAT 5046

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-119
-100.0 To 9999. %



55

Incident Energy (eV)

50-Sn-119