

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

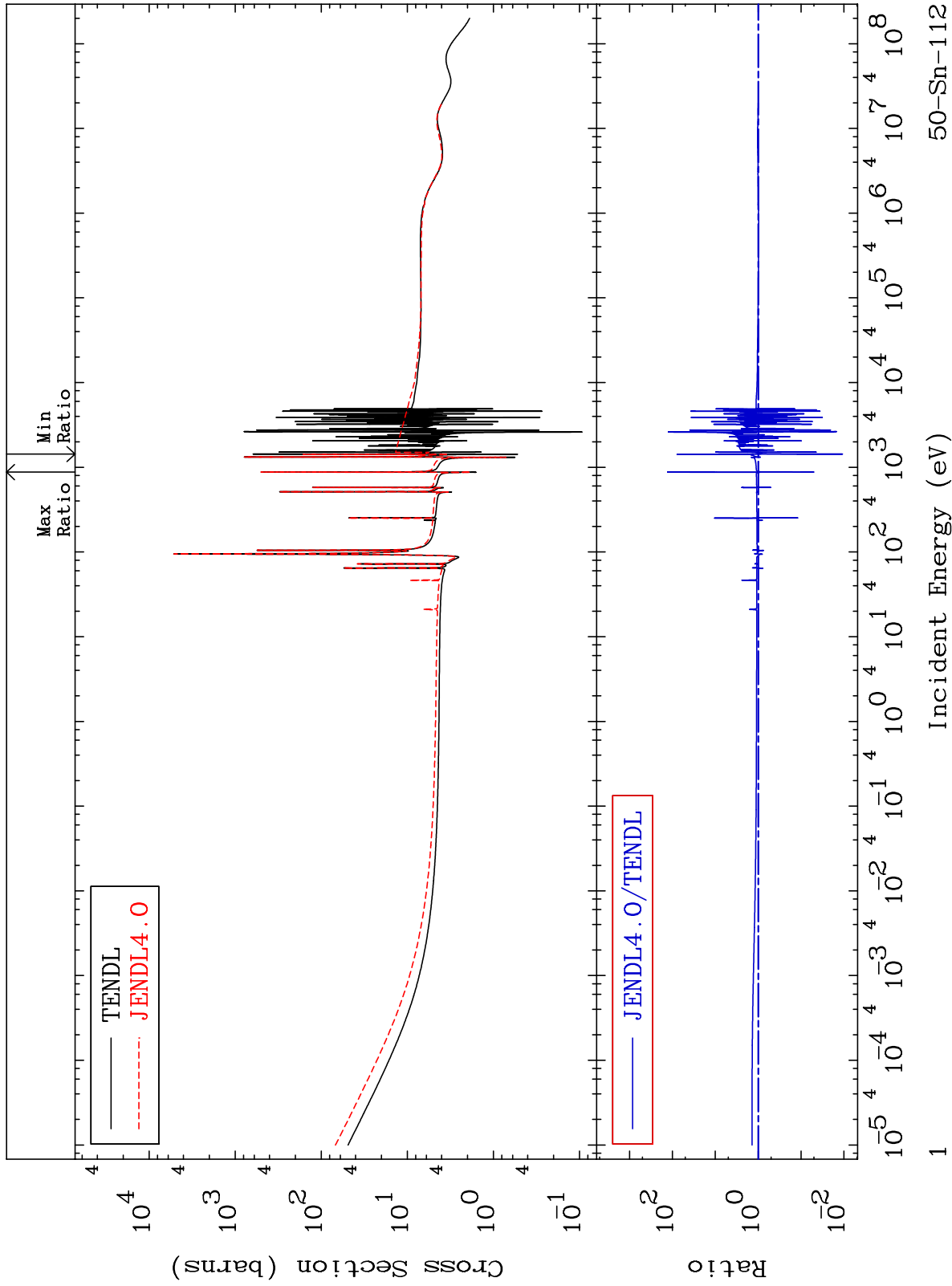
MAT 5025

Total

50-Sn-112

Cross Section

-98.93 To 9999. %



Incident Energy (eV)

50-Sn-112

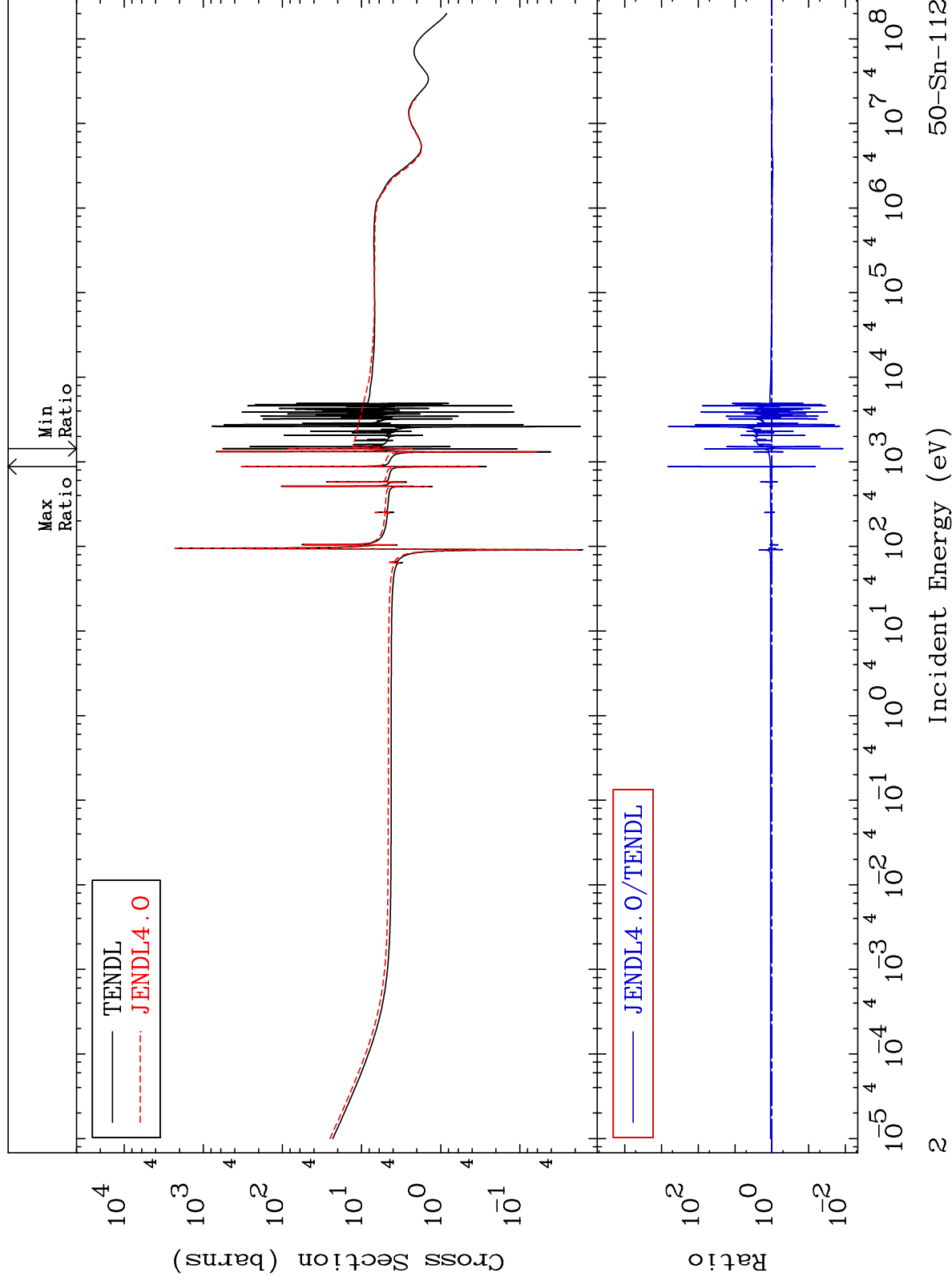
MAT 5025

Elastic

Cross Section

50-Sn-112

-98.83 To 9999. %



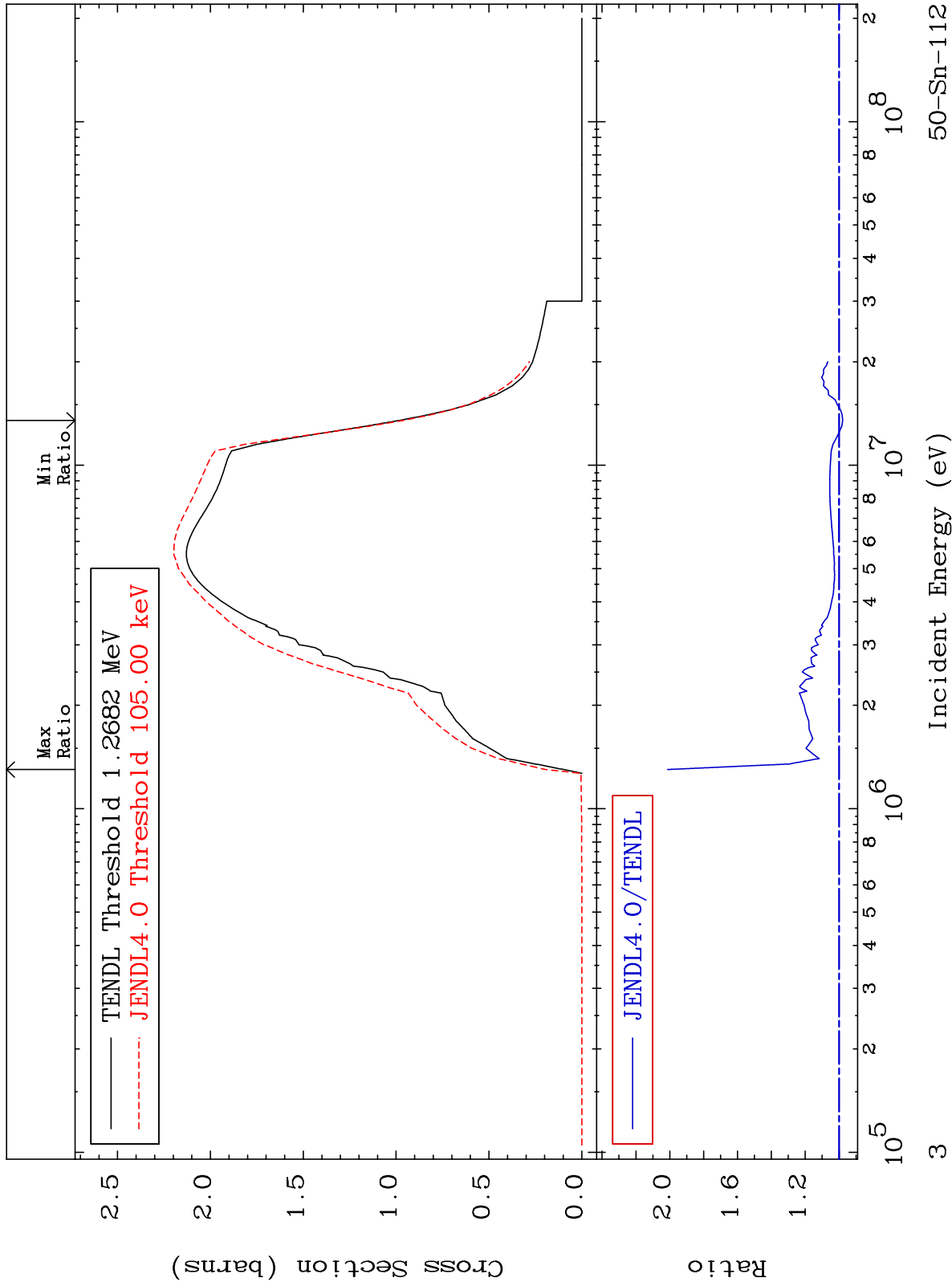
50-Sn-112

Incident Energy (eV)

2

MAT 5025

Inelastic Cross Section  
50-Sn-112  
-2.109 To 101.3 %



50-Sn-112

Incident Energy (eV)

3

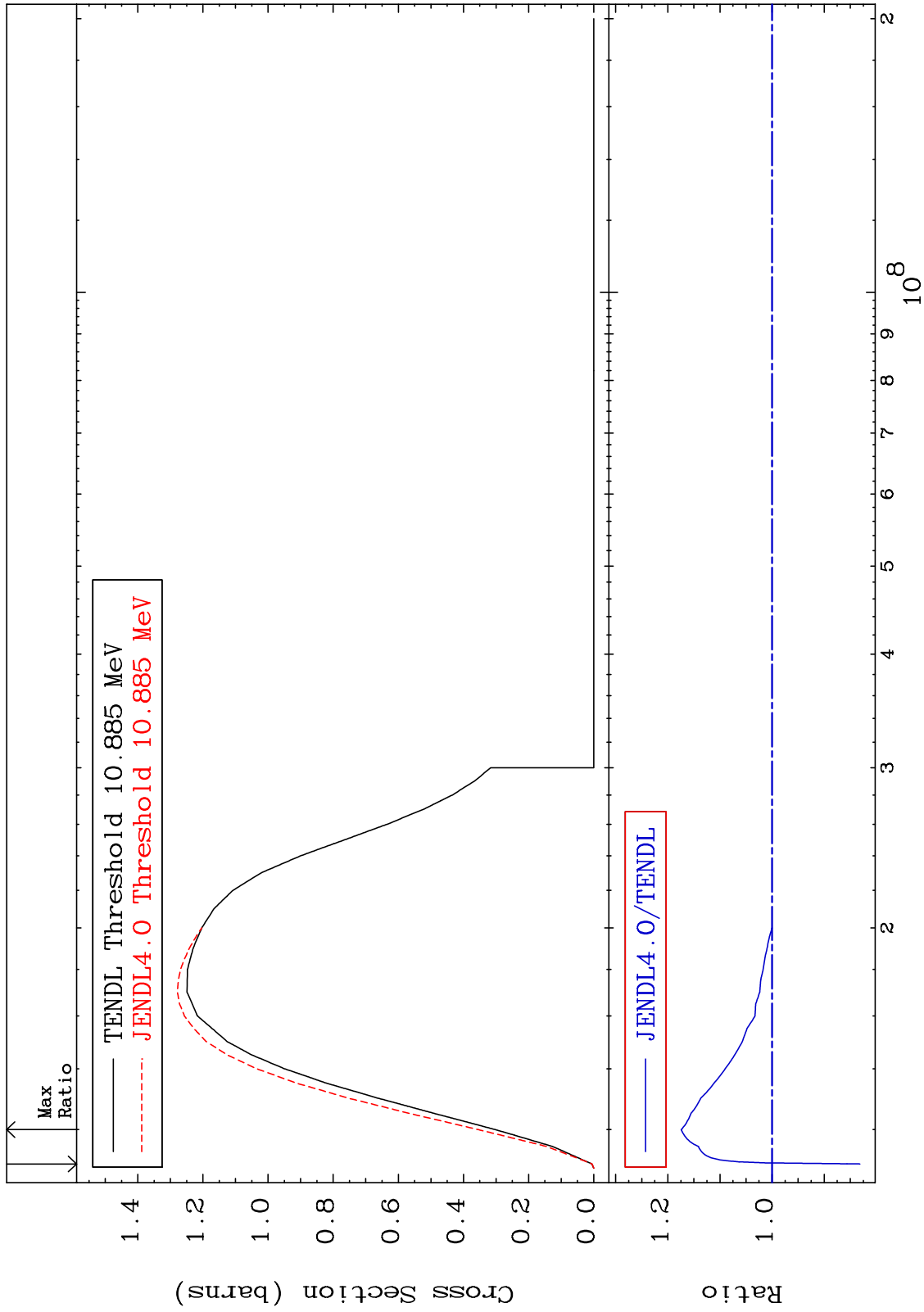
MAT 5025

(n,2n)

50-Sn-112

Cross Section

-16.85 To 17.43 %



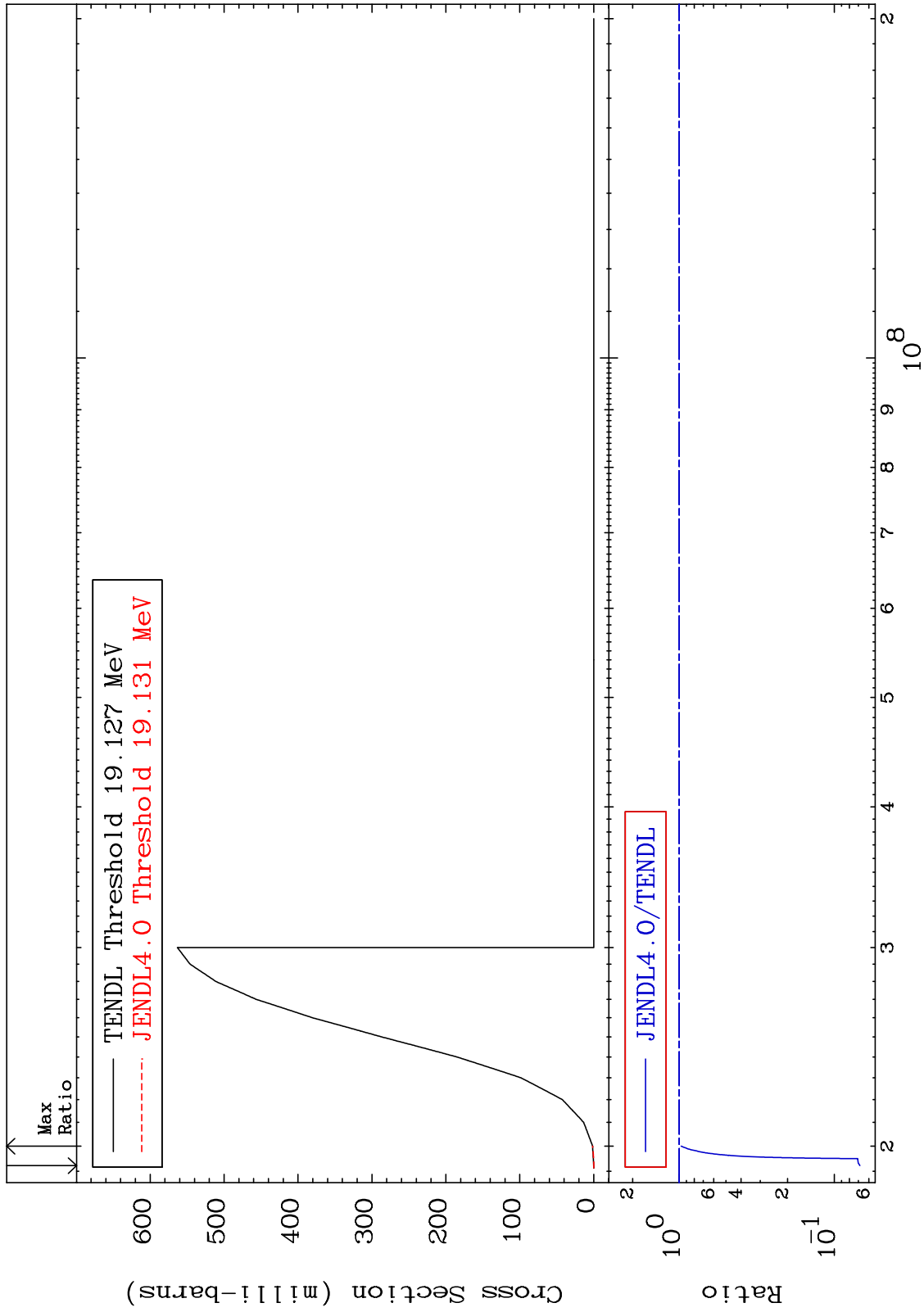
MAT 5025

(n,3n)

50-Sn-112

Cross Section

-93.16 To -2.903%



5

Incident Energy (eV)

50-Sn-112

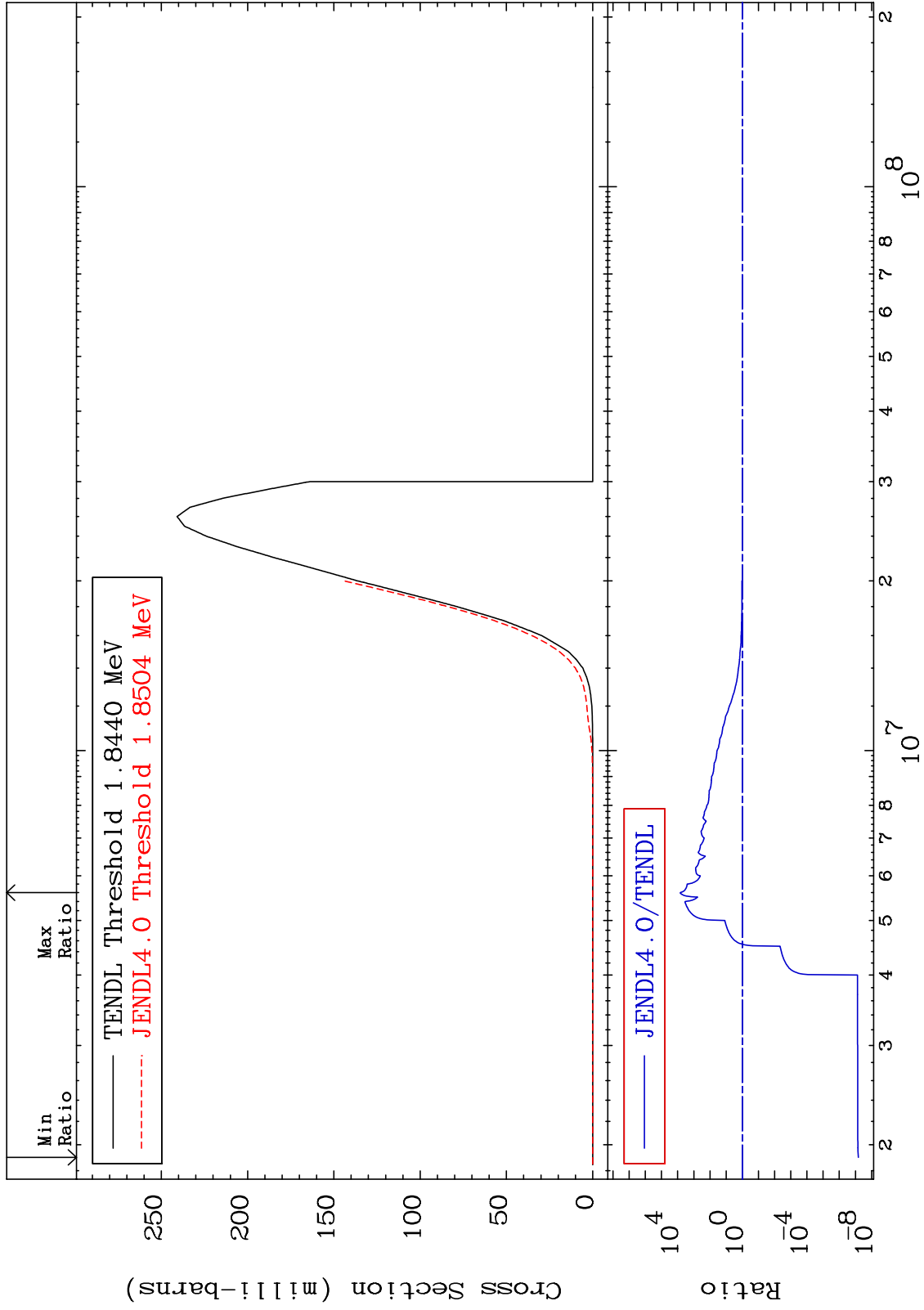
MAT 5025

(n,n')  $\alpha$

50-Sn-112

Cross Section

-100.0 To 9999. %



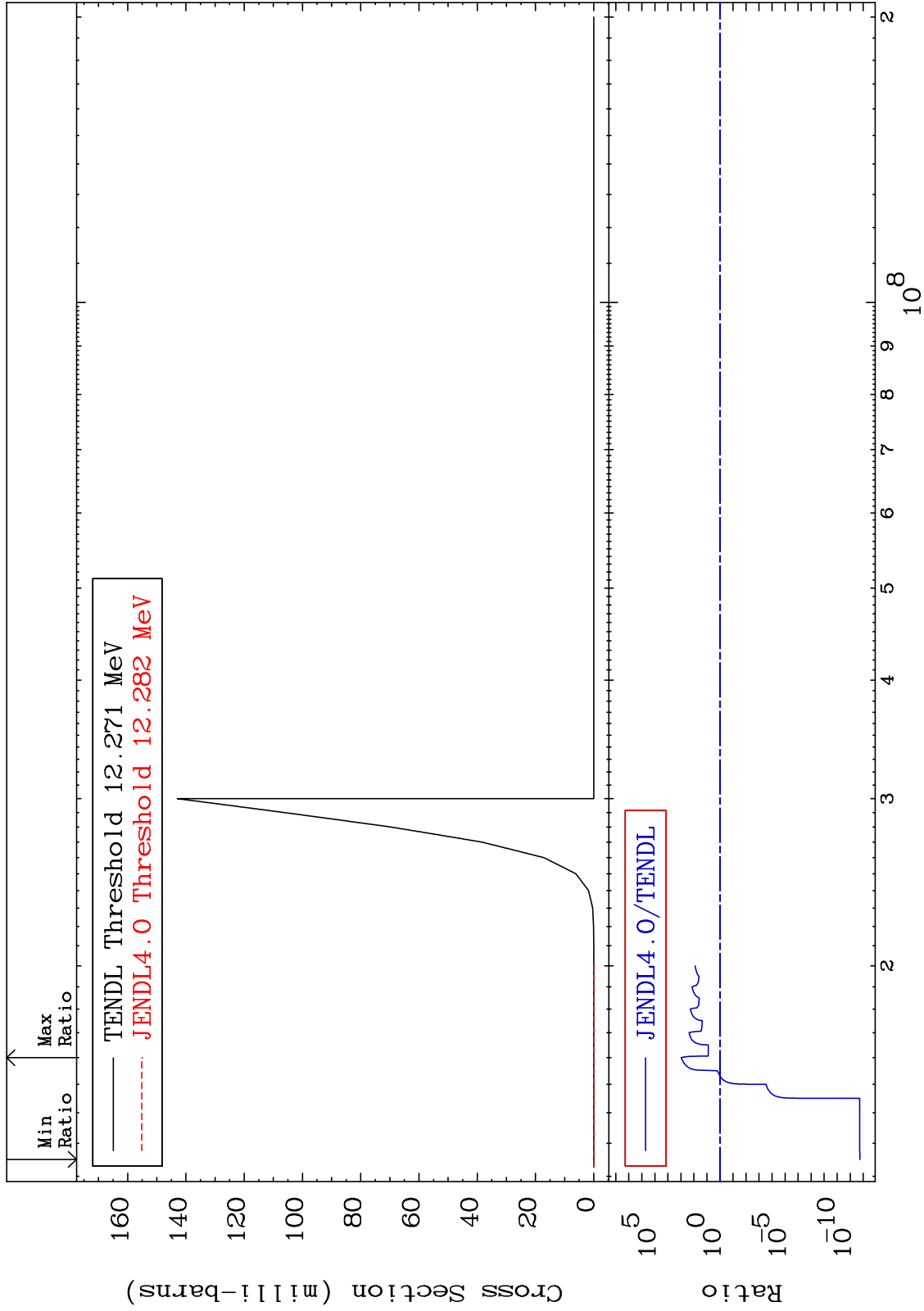
MAT 5025

(n,2n)  $\alpha$

50-Sn-112

Cross Section

-100.0 To 9999. %

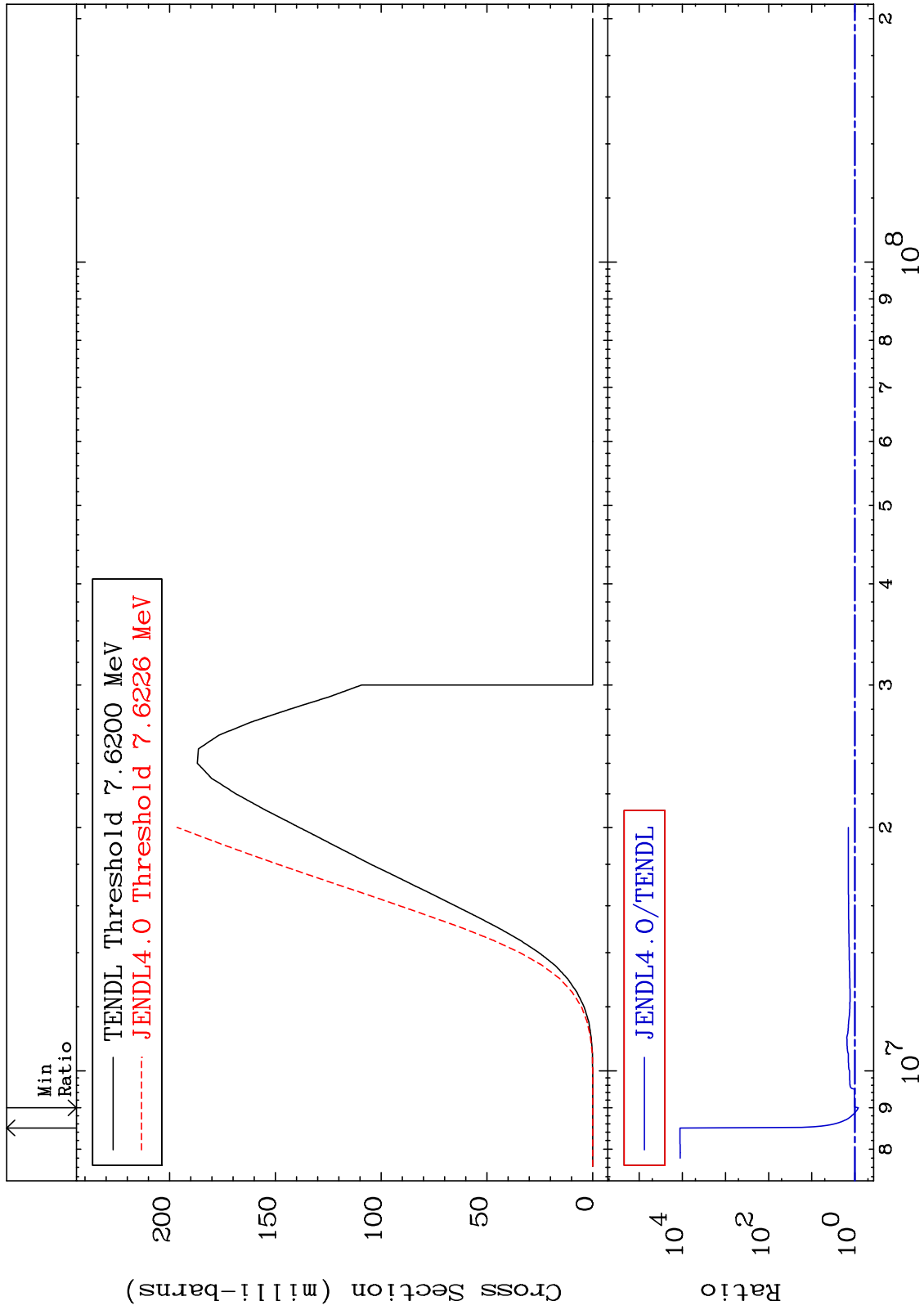




MAT 5025

(n,n') p  
Cross Section

50-Sn-112  
-17.09 To 9999. %



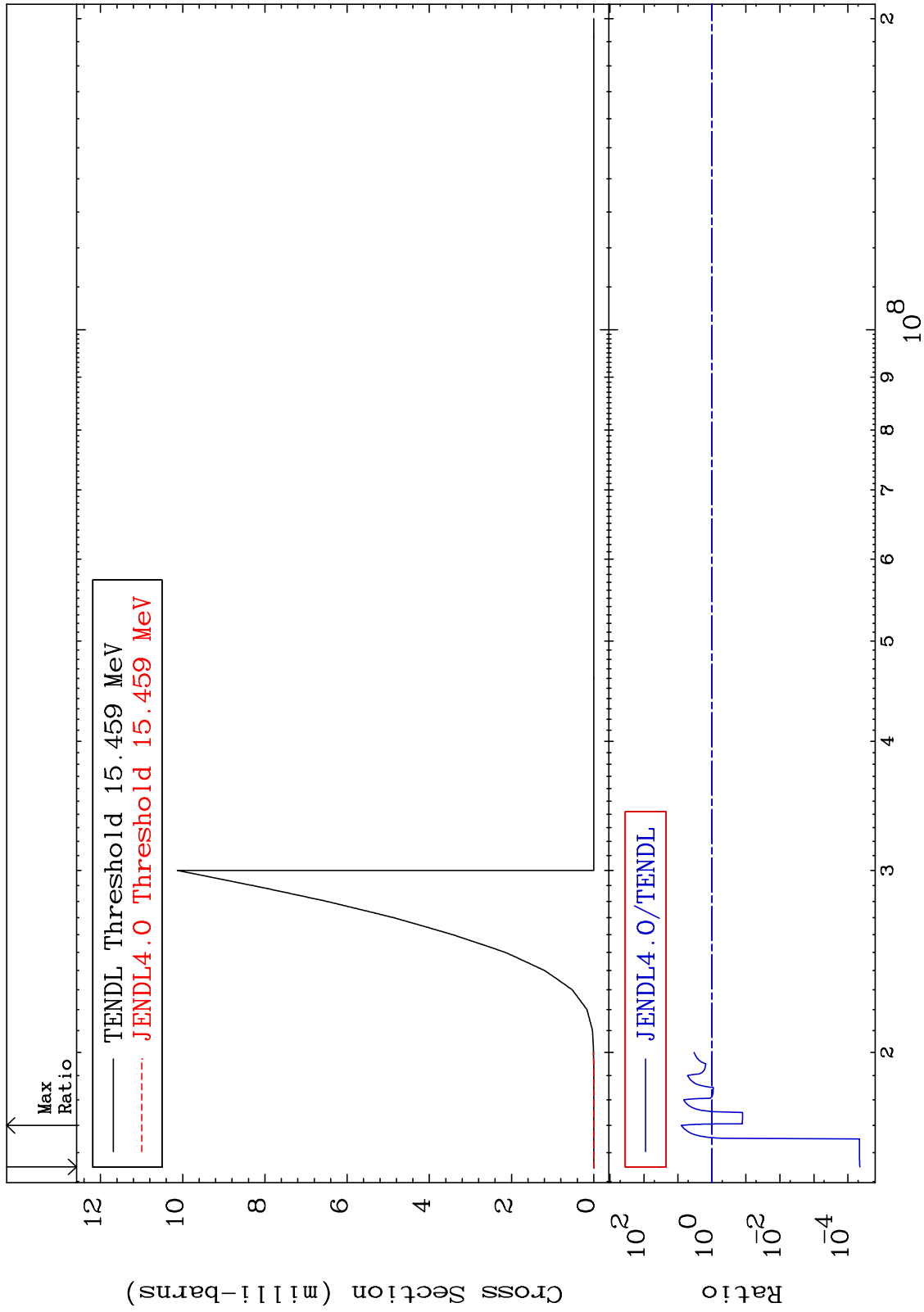
MAT 5025

(n, n') d

50-Sn-112

Cross Section

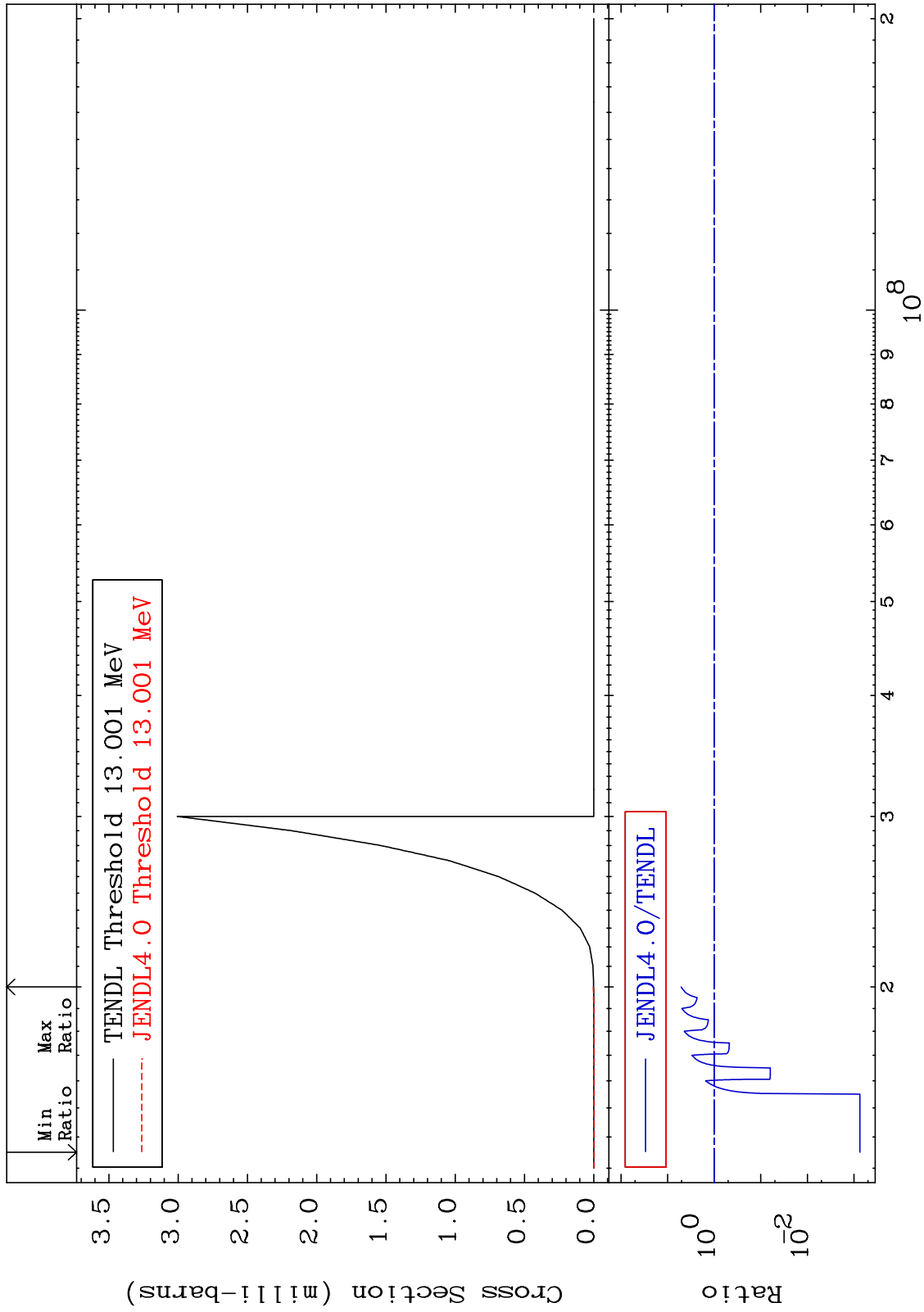
-100.0 To 700.9 %



MAT 5025

(n,2n) p  
Cross Section

50-Sn-112  
-99.93 To 409.5 %

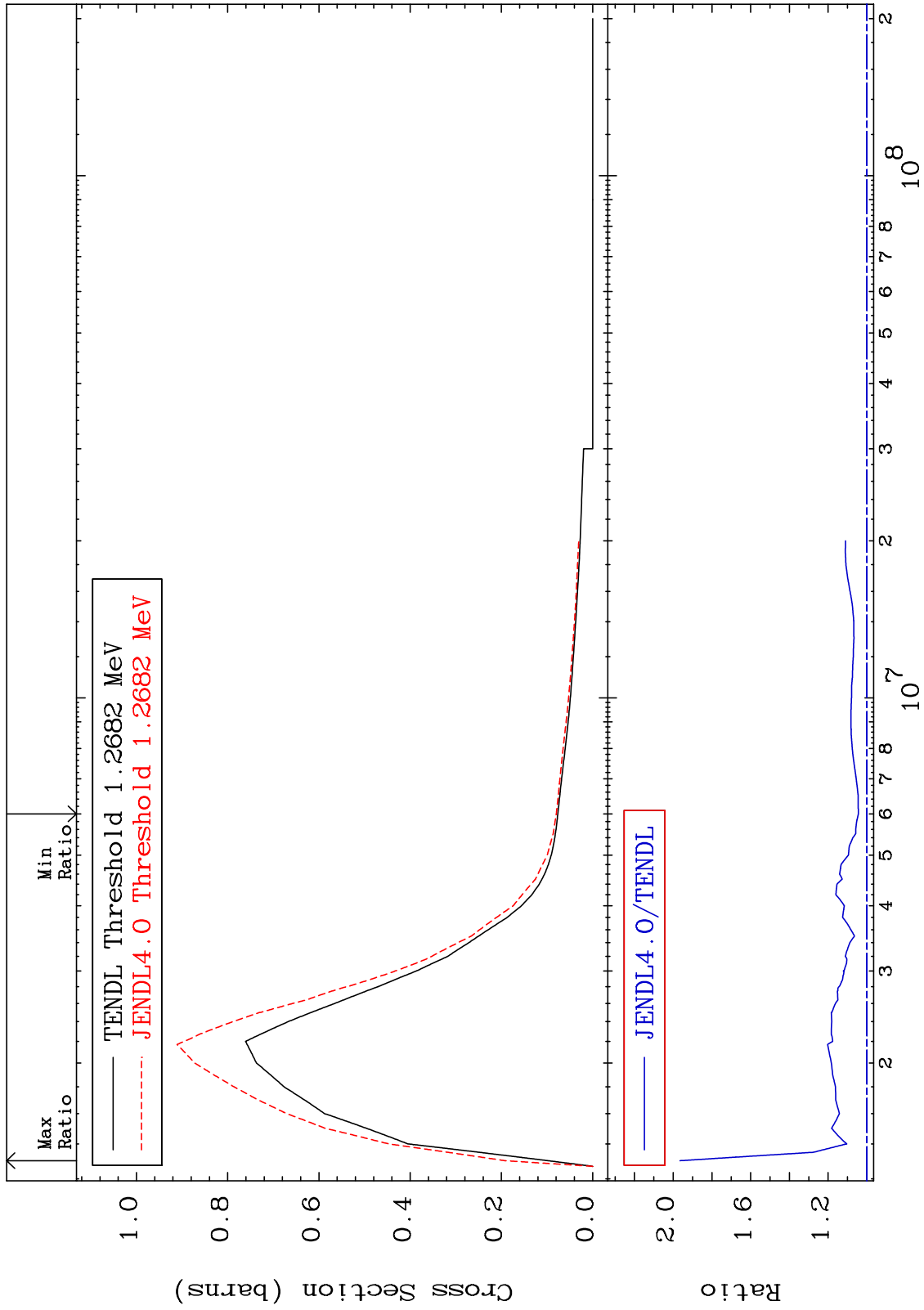


10

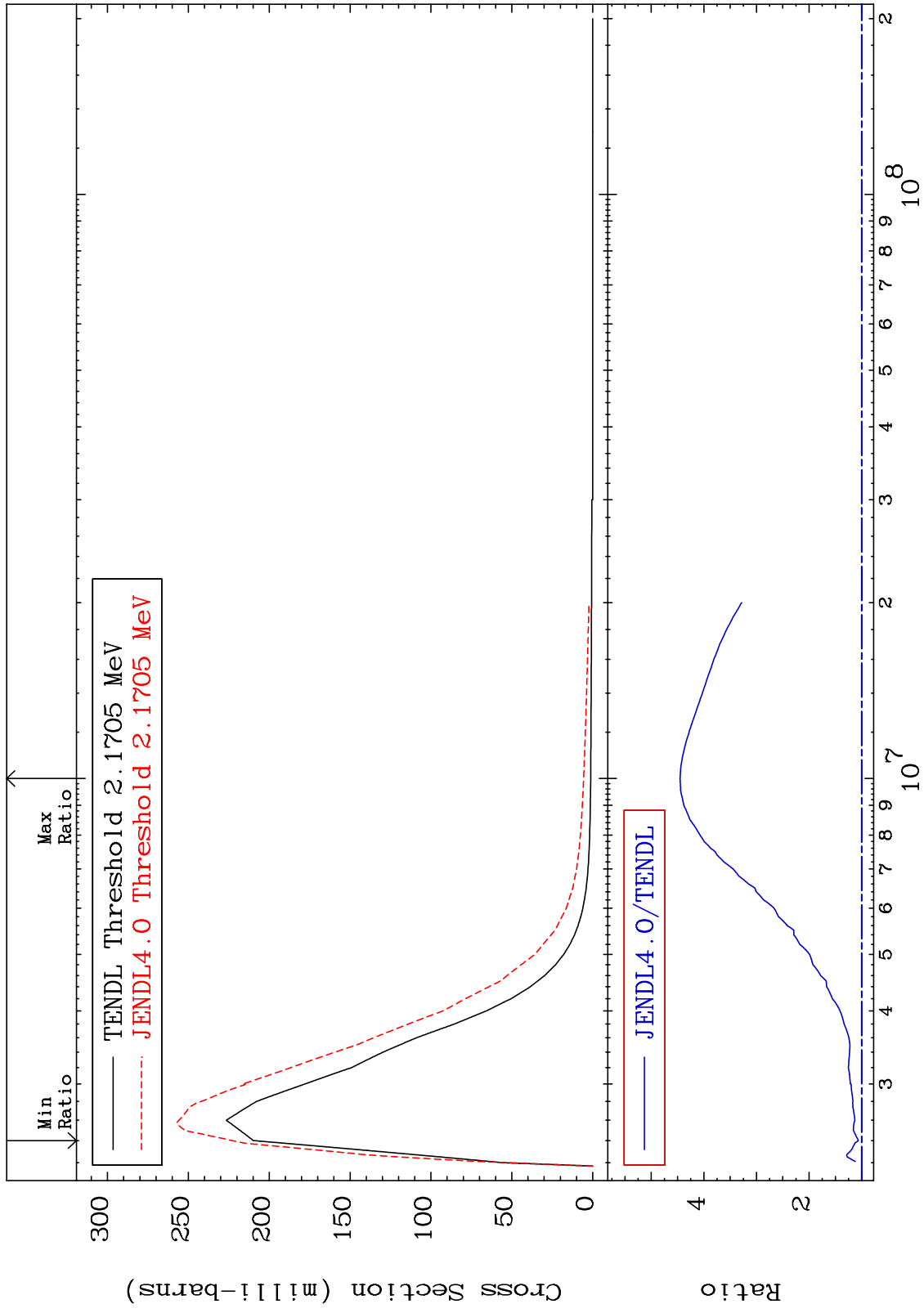
Incident Energy (eV)

50-Sn-112

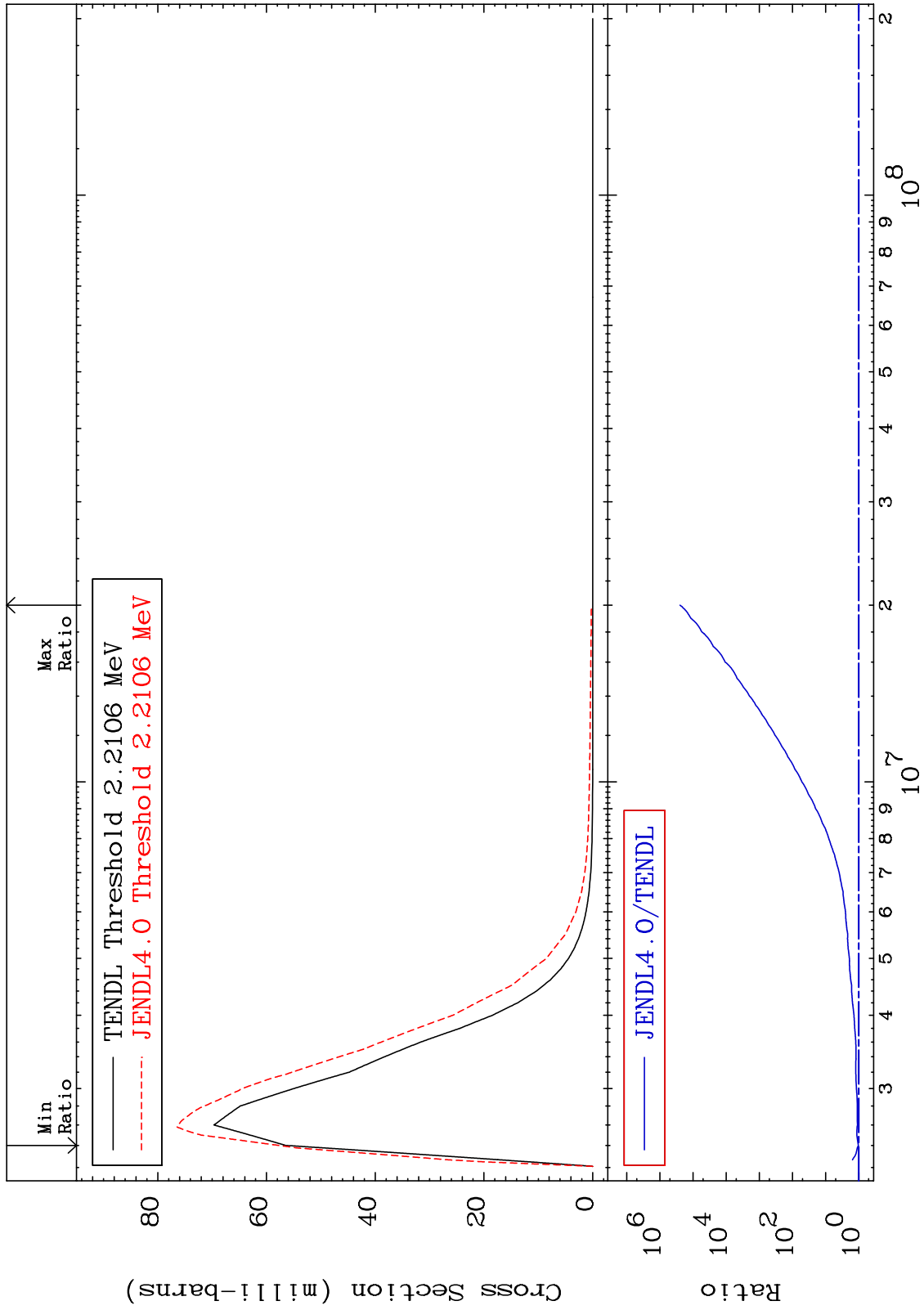
MAT 5025 MT= 51 (n,n') Level Cross Section 50-Sn-112 To 96.47 %  
 4.361



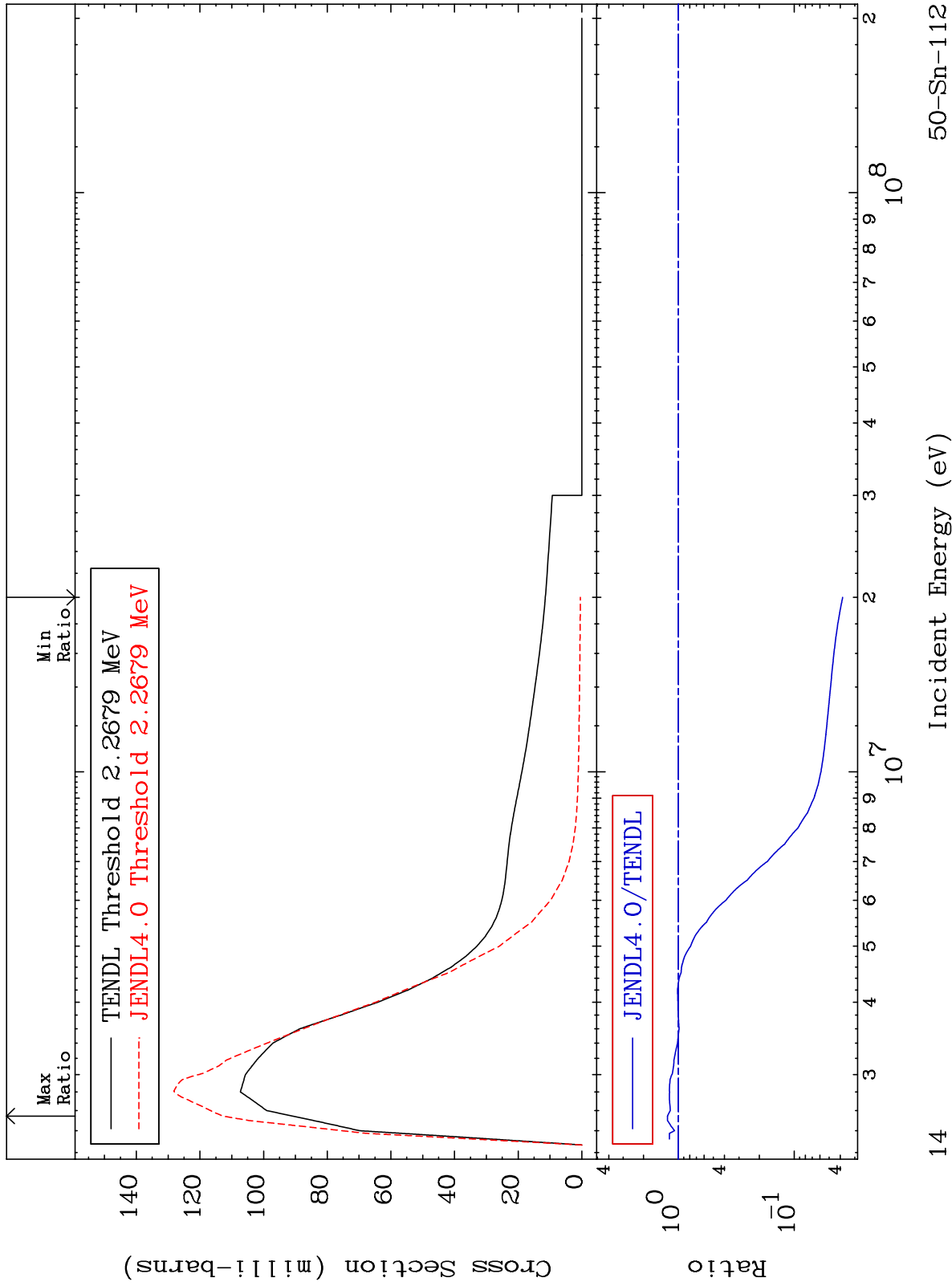
MAT 5025 MT= 52 (n,n') Level Cross Section 50-Sn-112 To 345.3 %  
 6.191



MAT 5025 MT= 53 (n,n') Level Cross Section 50-Sn-112 To 9999. %  
 2.305



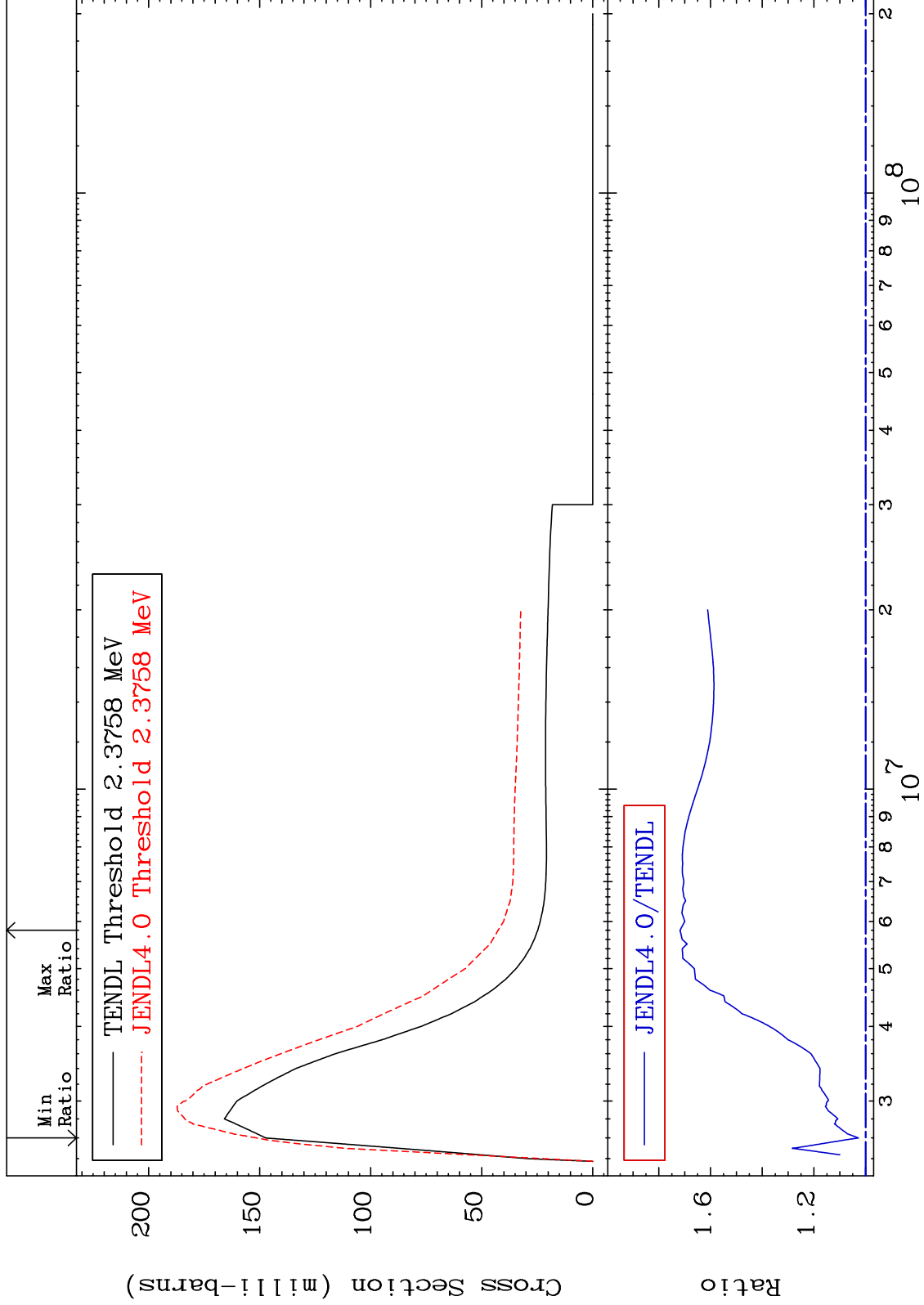
MAT 5025 MT= 54 (n,n') Level Cross Section 50-Sn-112  
 -96.18 To 24.19 %



MAT 5025

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

50-Sn-112  
2.804 To 71.83 %



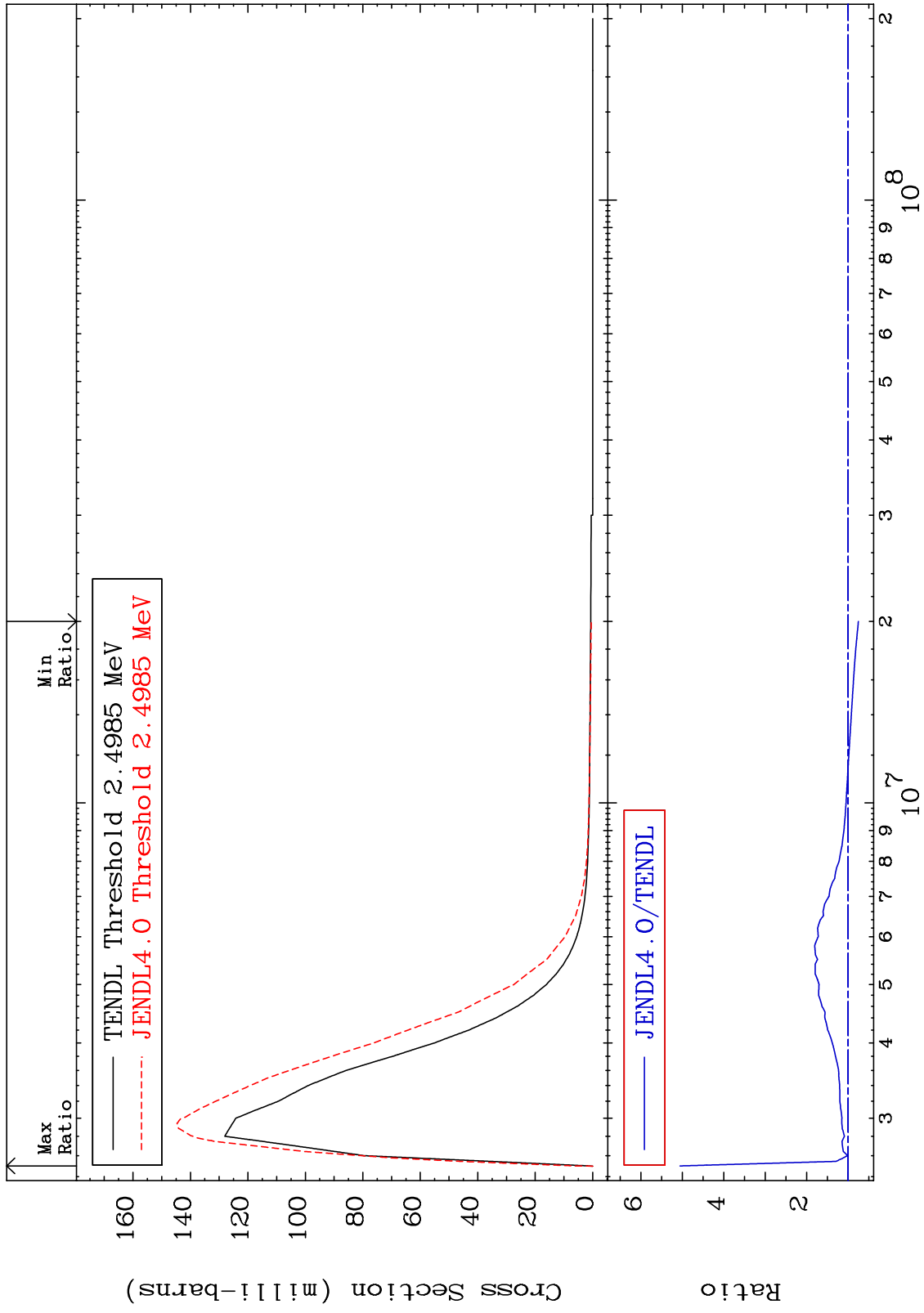
15

Incident Energy (eV)

50-Sn-112



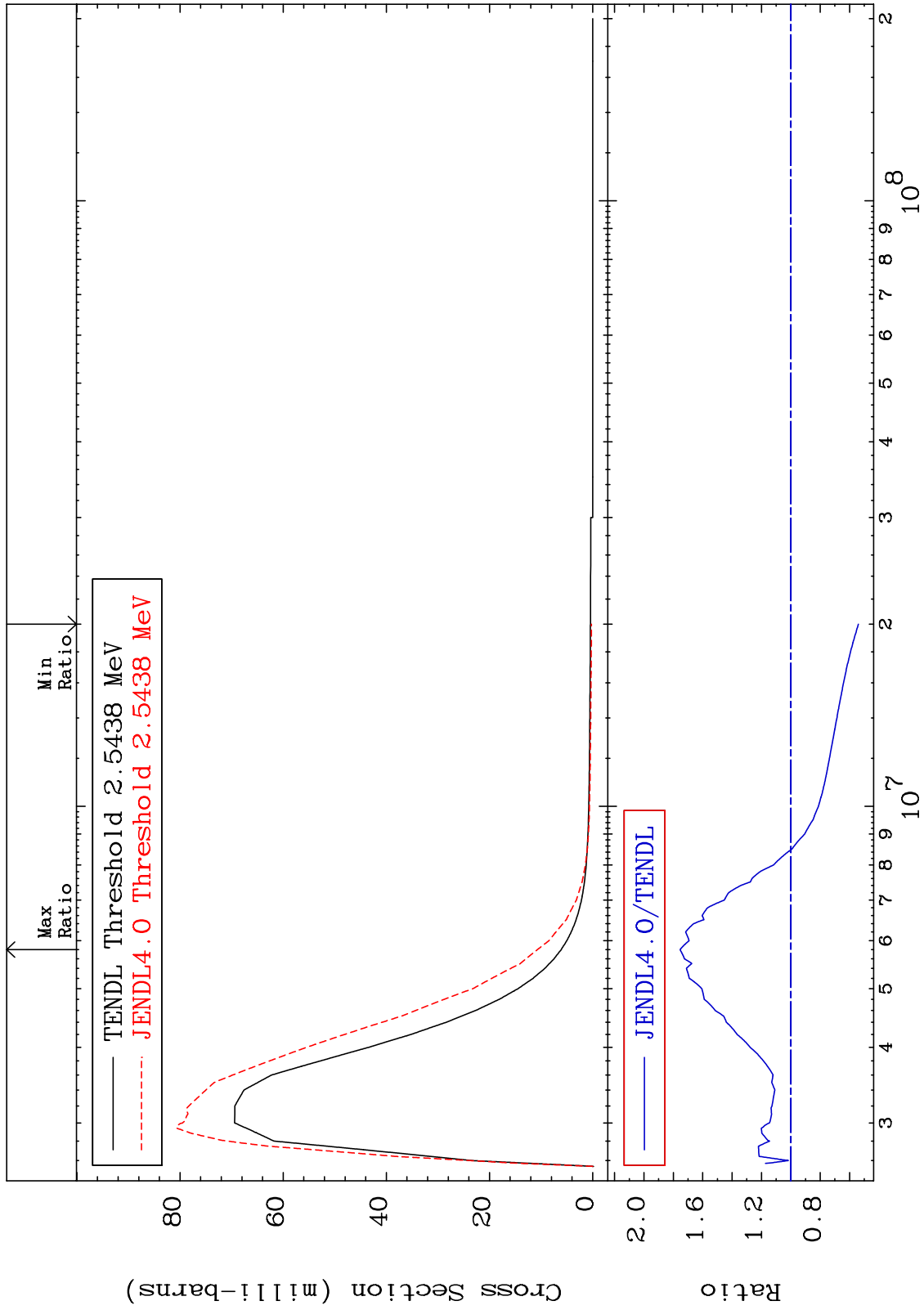
MAT 5025 MT= 56 (n,n') Level Cross Section 50-Sn-112 -24.90 To 405.7 %



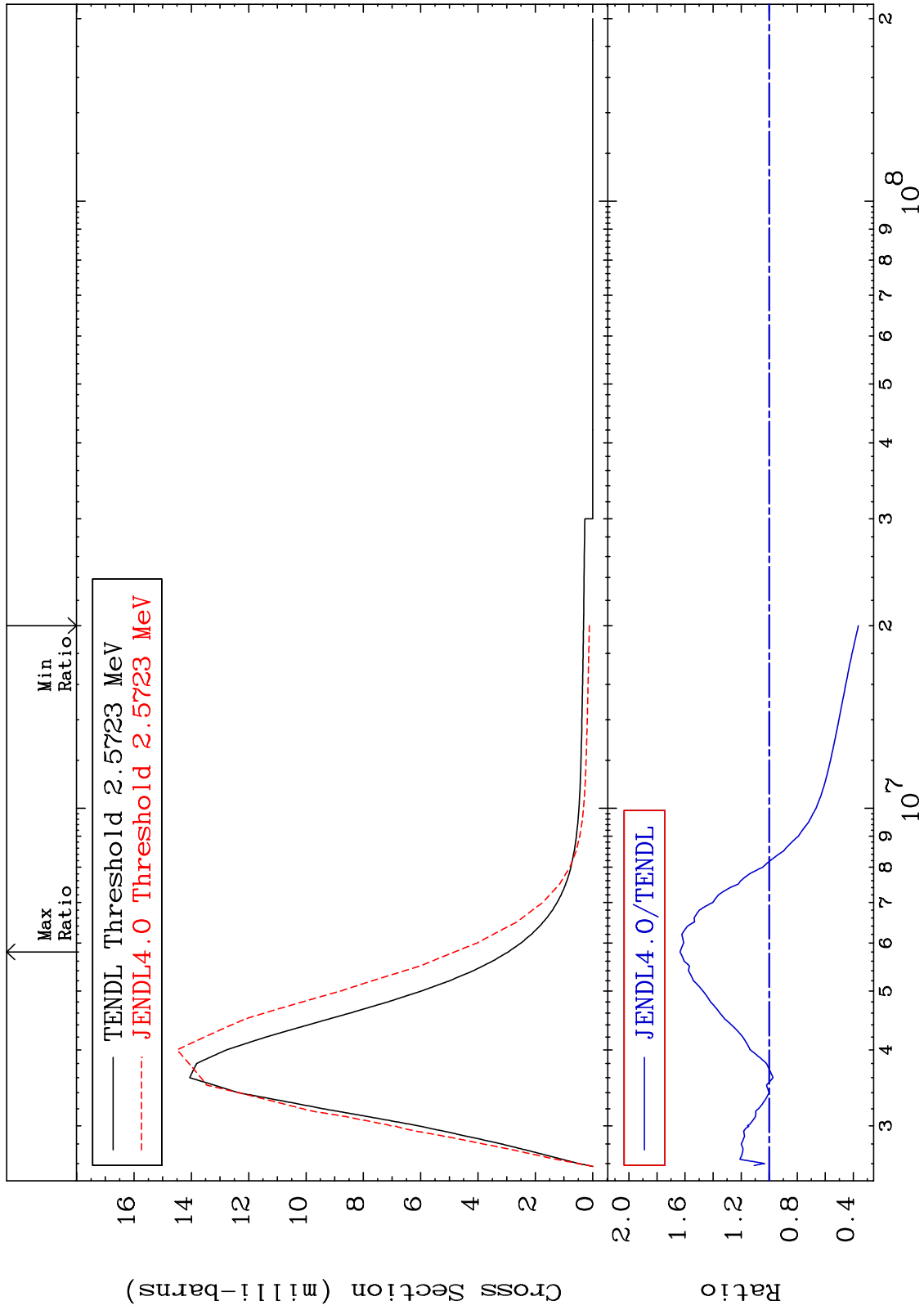
MAT 5025

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

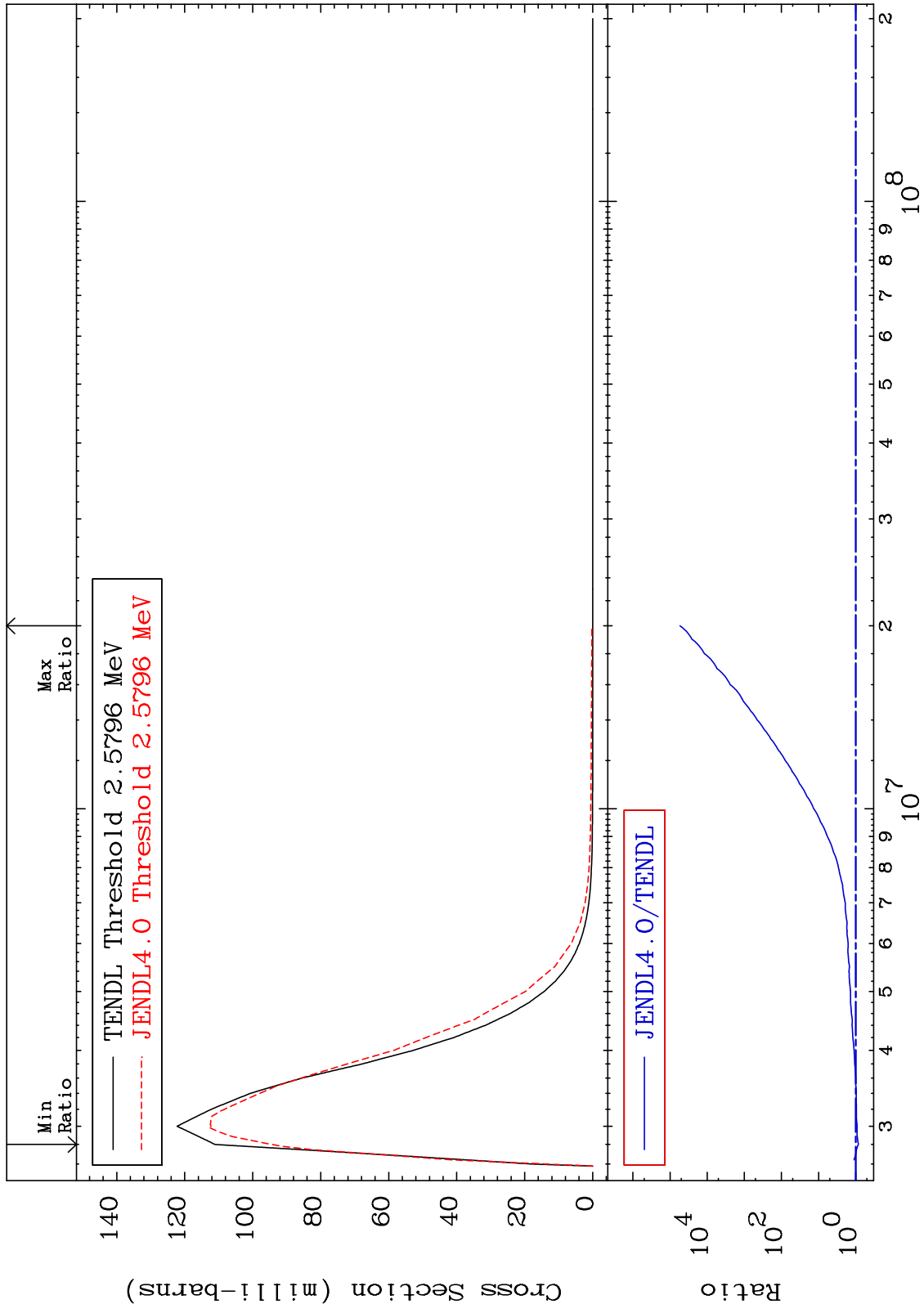
50-Sn-112  
-46.00 To 75.46 %



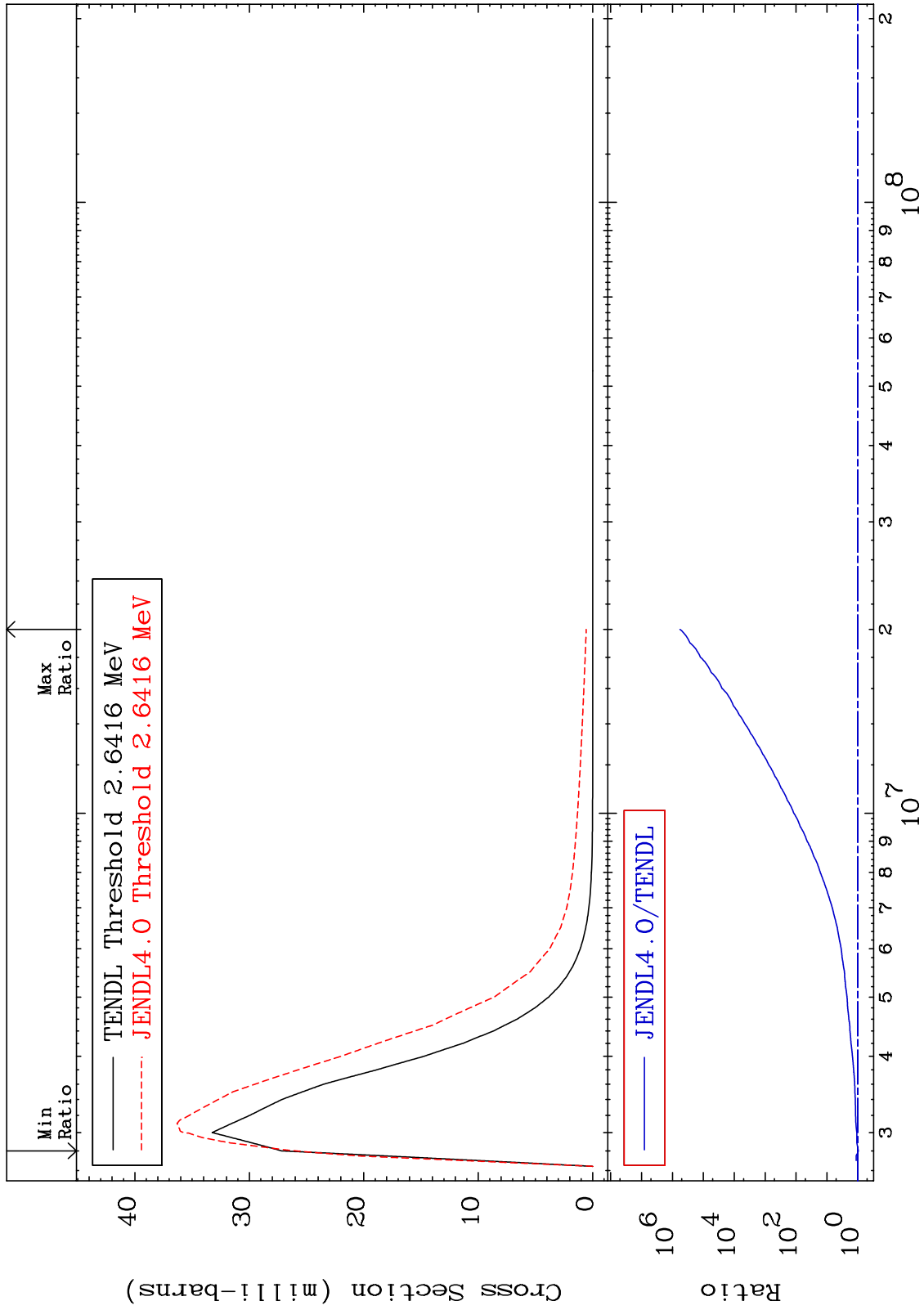
MAT 5025 MT= 58 (n,n') Level Cross Section 50-Sn-112  
 -63.59 To 63.59 %



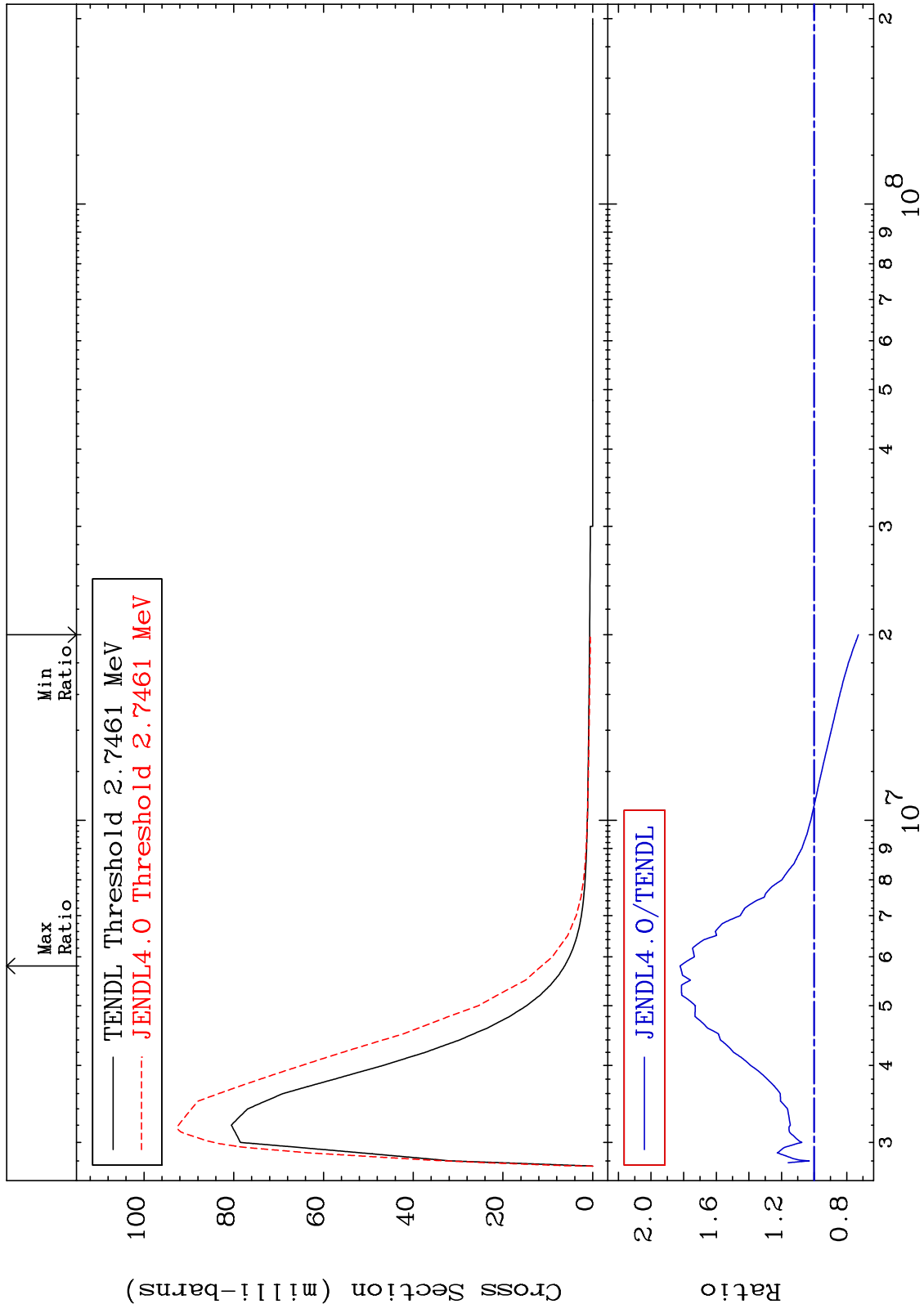
MAT 5025 MT= 59 (n,n') Level Cross Section 50-Sn-112  
 -15.14 To 9999. %



MAT 5025 MT= 60 (n,n') Level Cross Section 50-Sn-112 -4.568 To 9999. %



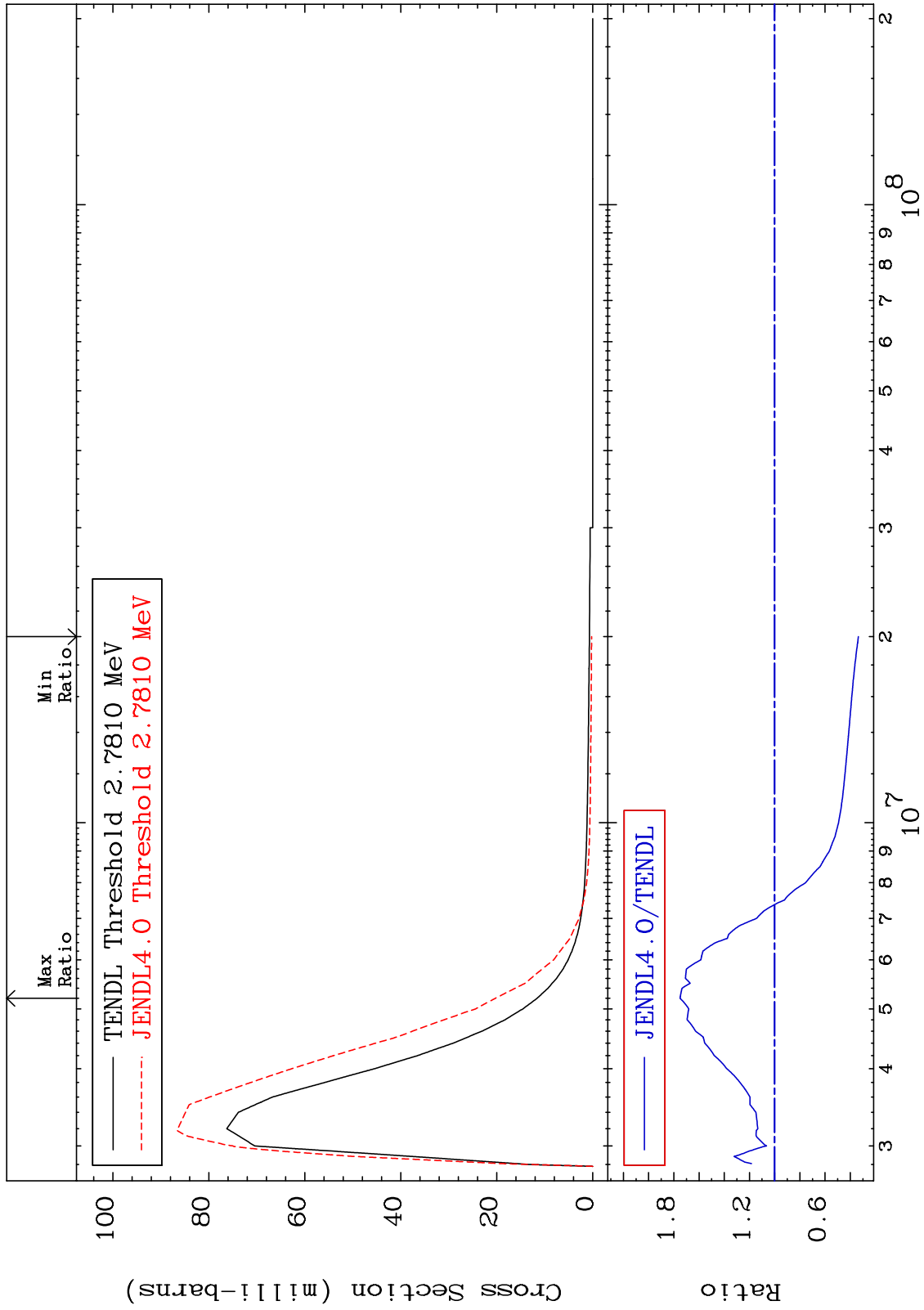
MAT 5025 MT= 61 (n,n') Level Cross Section 50-Sn-112 -27.16 To 82.23 %



MAT 5025

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

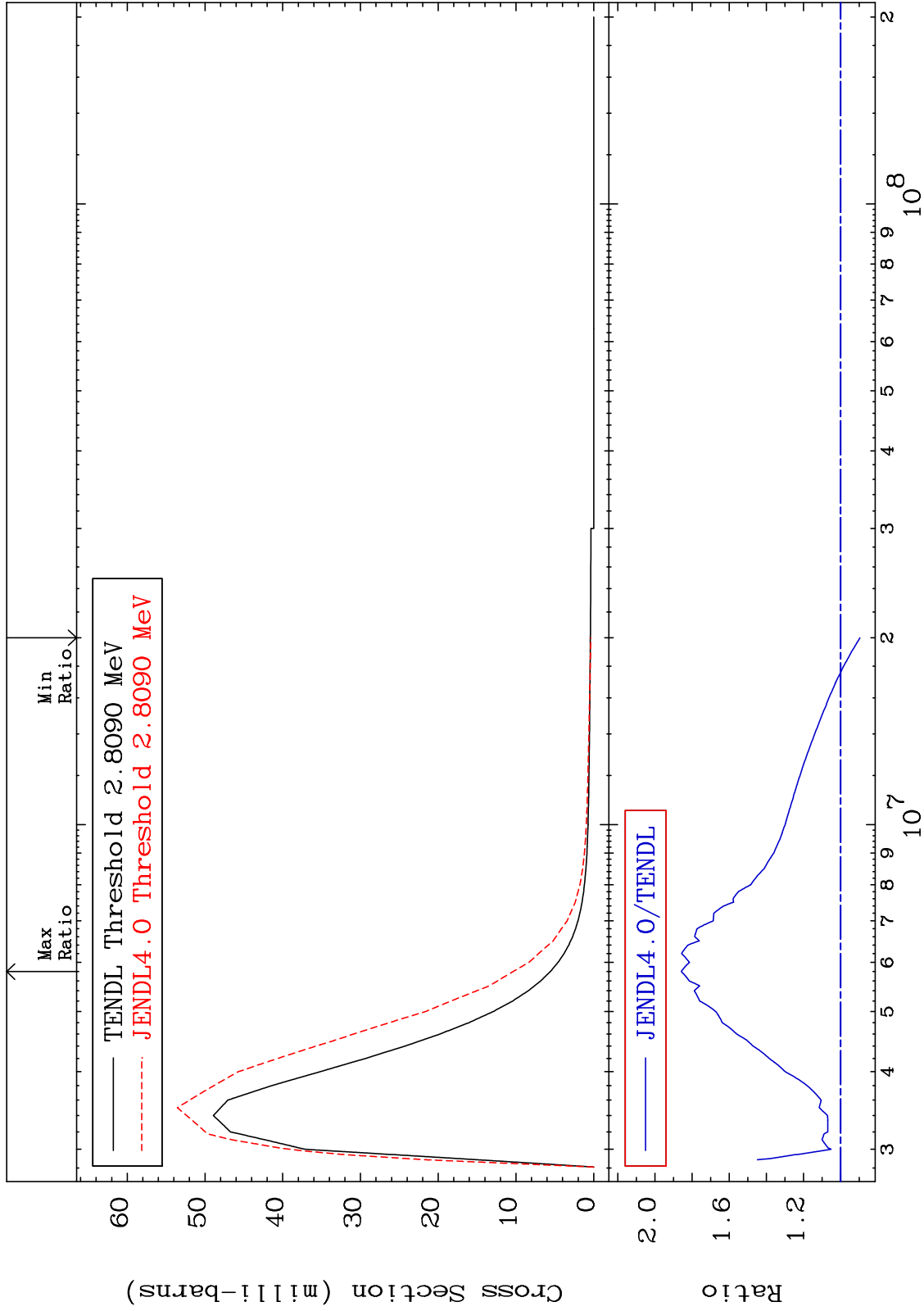
50-Sn-112  
-66.46 To 75.10 %



MAT 5025

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

50-Sn-112  
-10.38 To 85.88 %

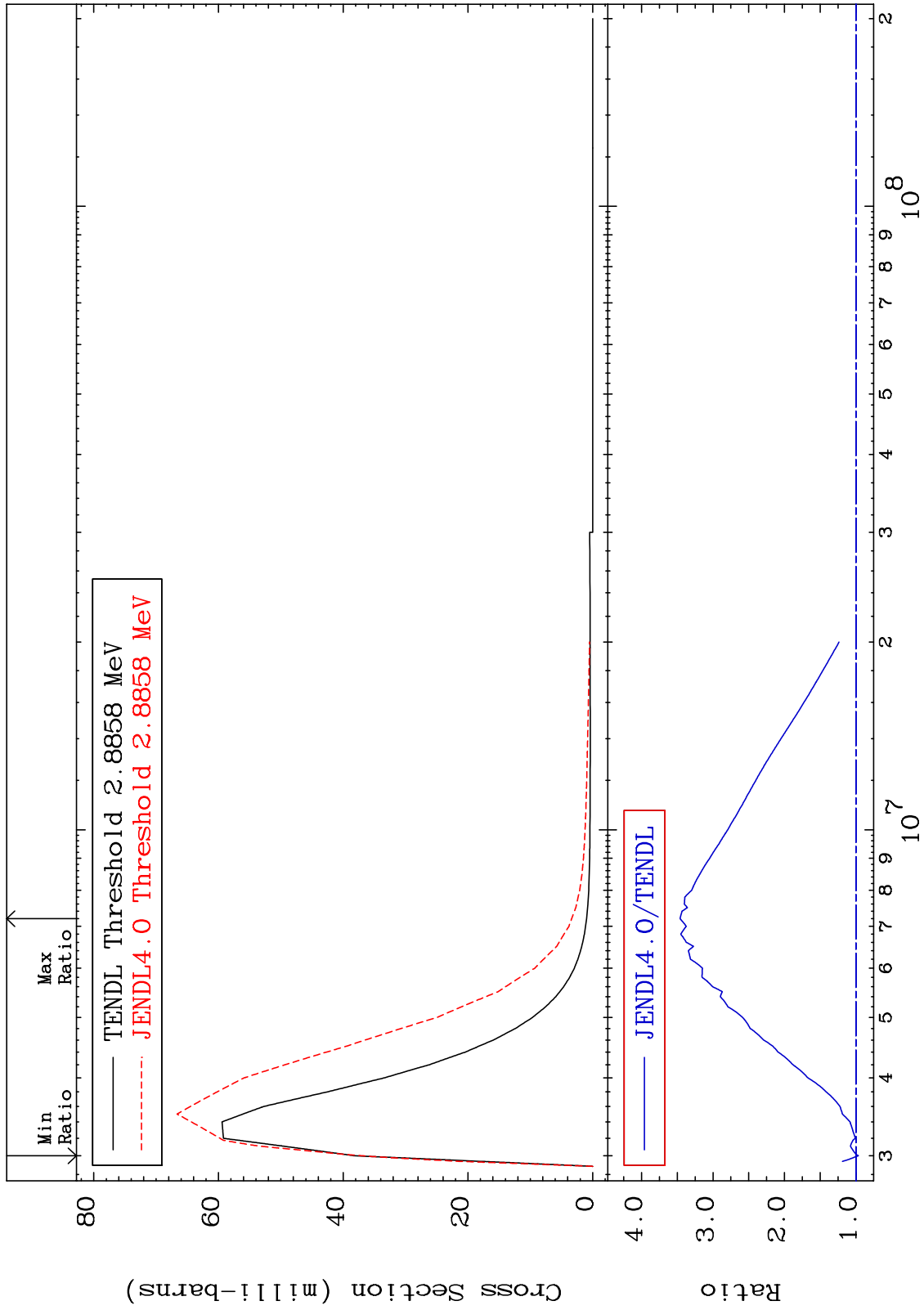




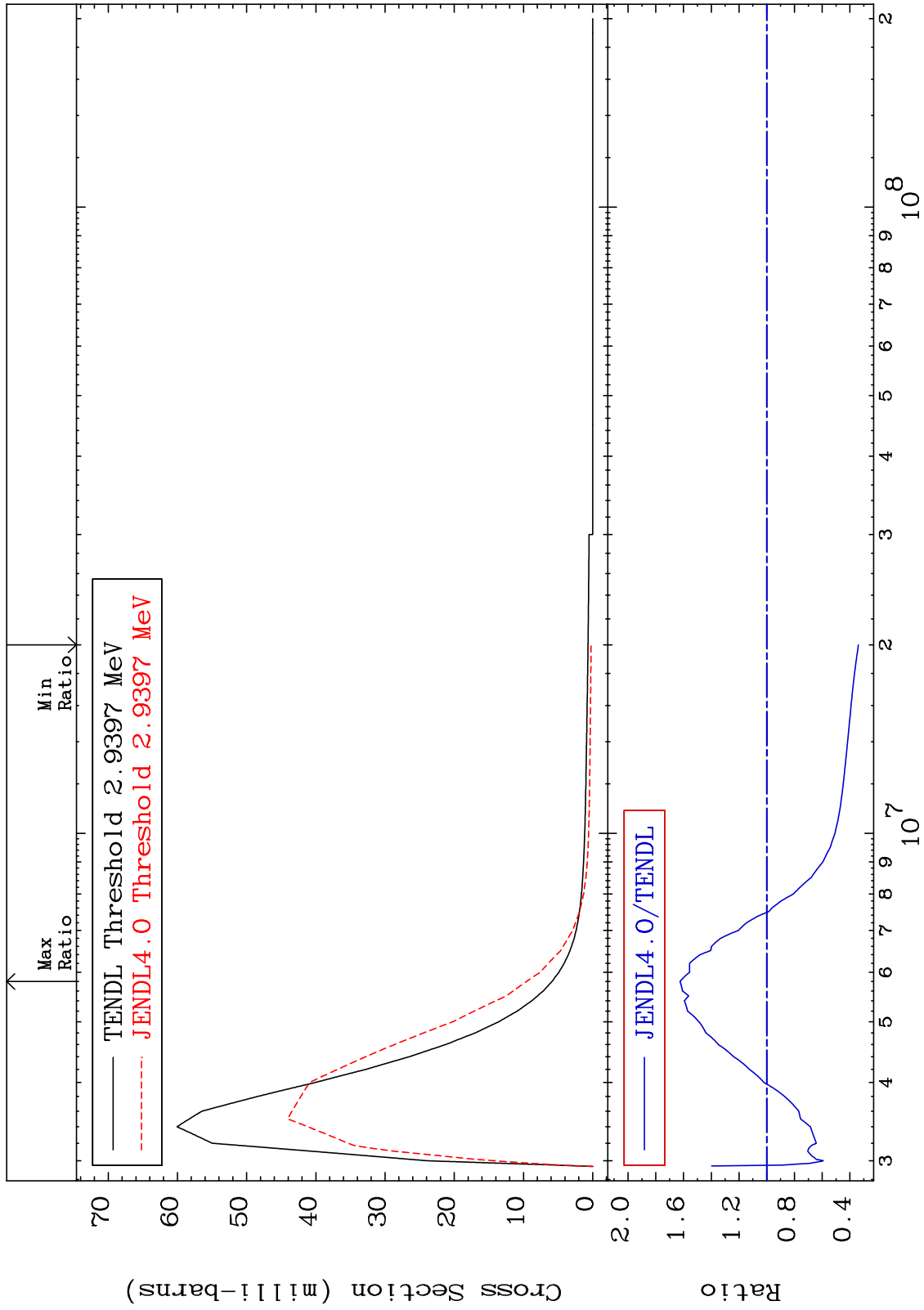
MAT 5025

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

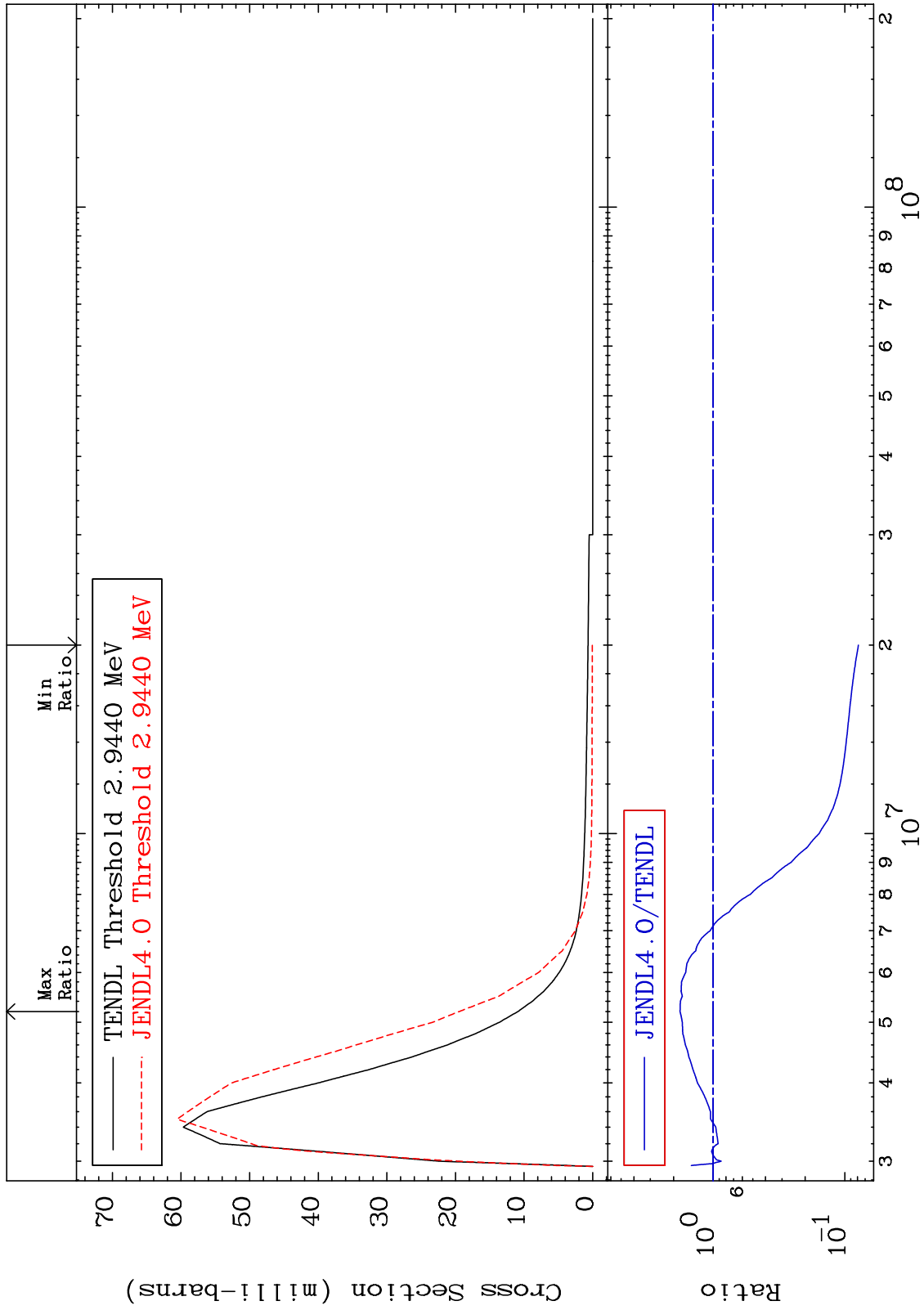
50-Sn-112  
-3.484 To 246.2 %



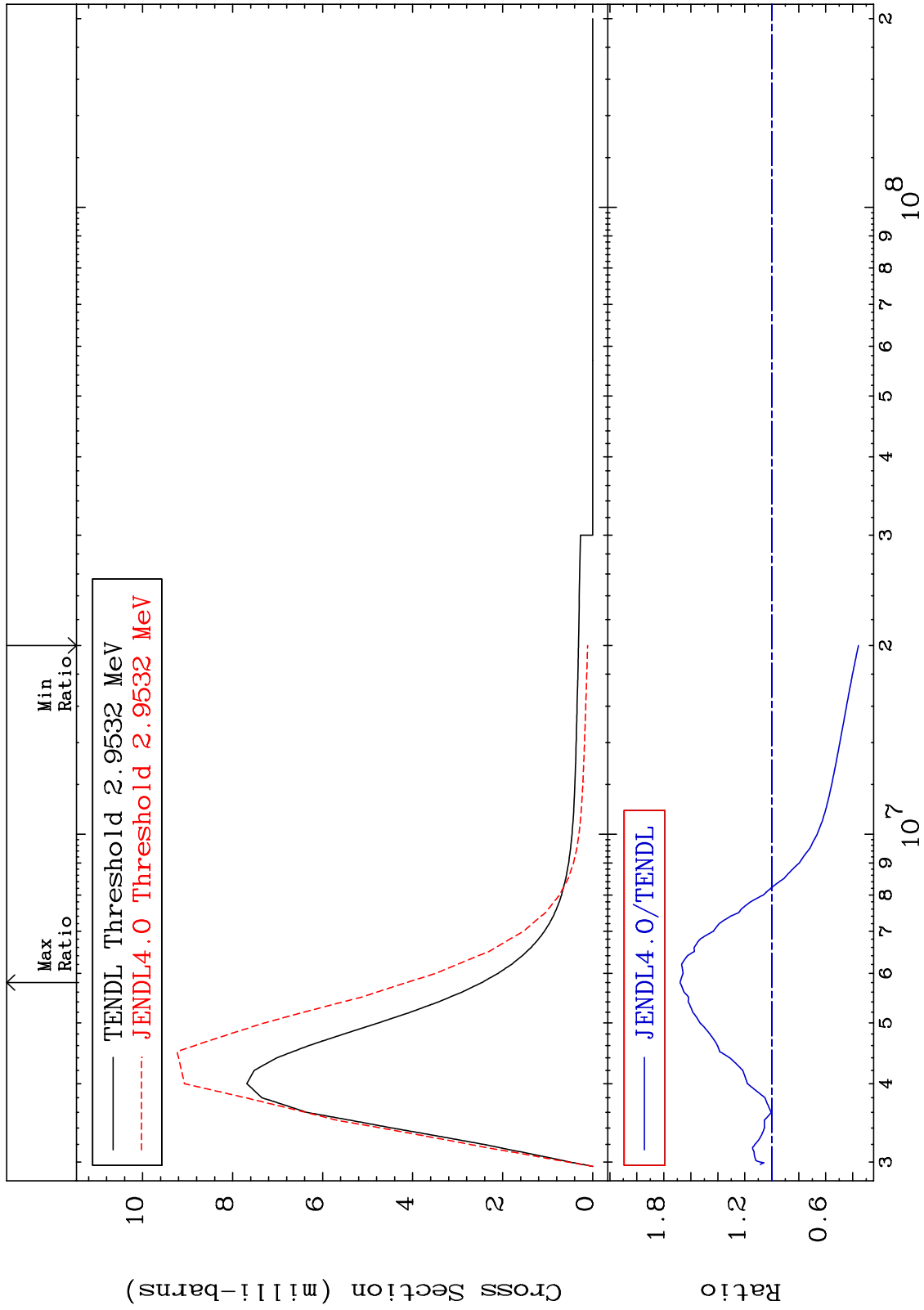
MAT 5025 MT= 65 (n,n') Level Cross Section 50-Sn-112  
 -66.10 To 62.52 %



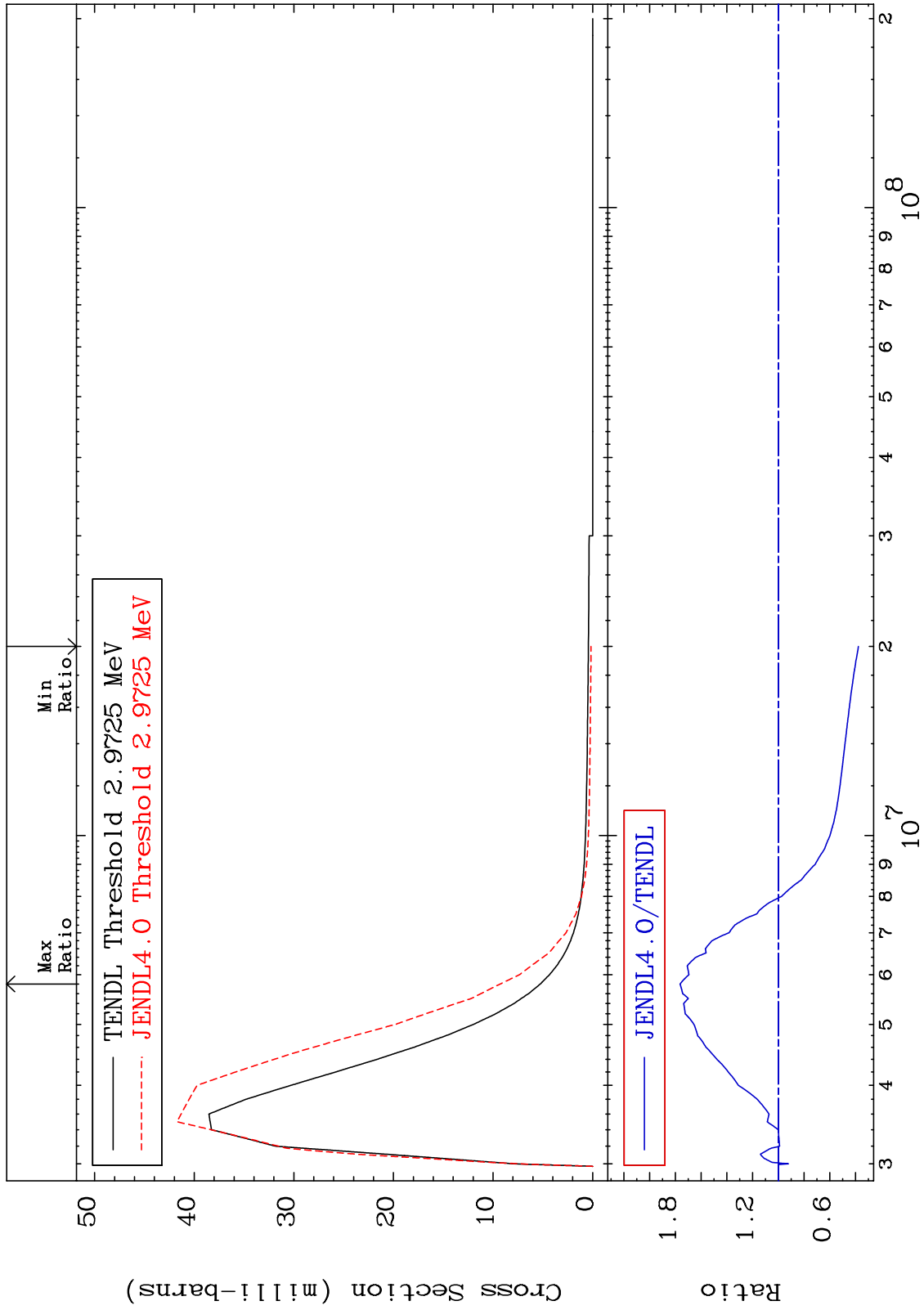
MAT 5025 MT= 66 (n,n') Level Cross Section 50-Sn-112  
 -92.12 To 78.56 %



MAT 5025 MT= 67 (n,n') Level Cross Section 50-Sn-112  
 -64.21 To 68.00 %



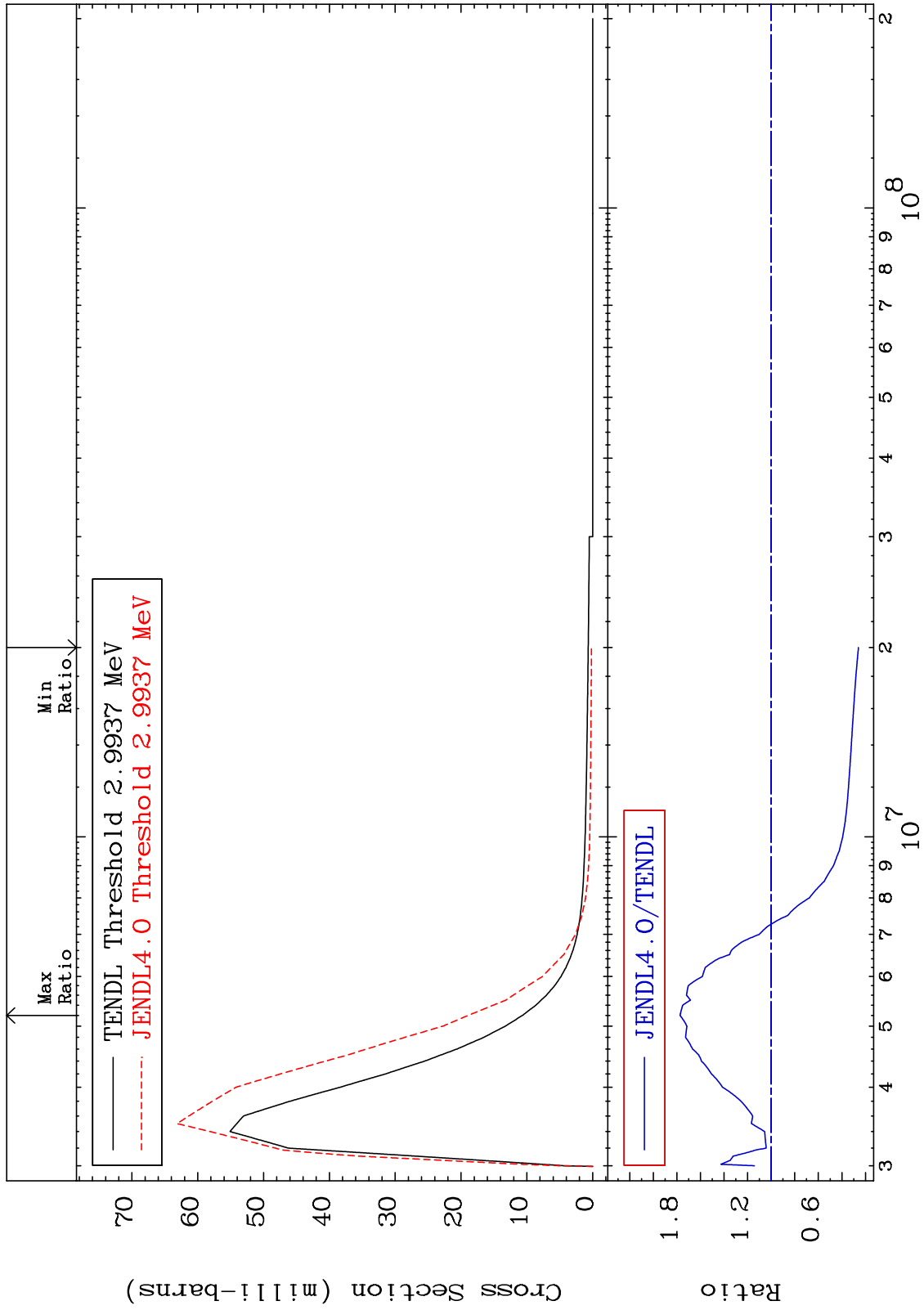
MAT 5025 MT= 68 (n,n') Level  
 Cross Section 50-Sn-112  
 -62.19 To 76.43 %



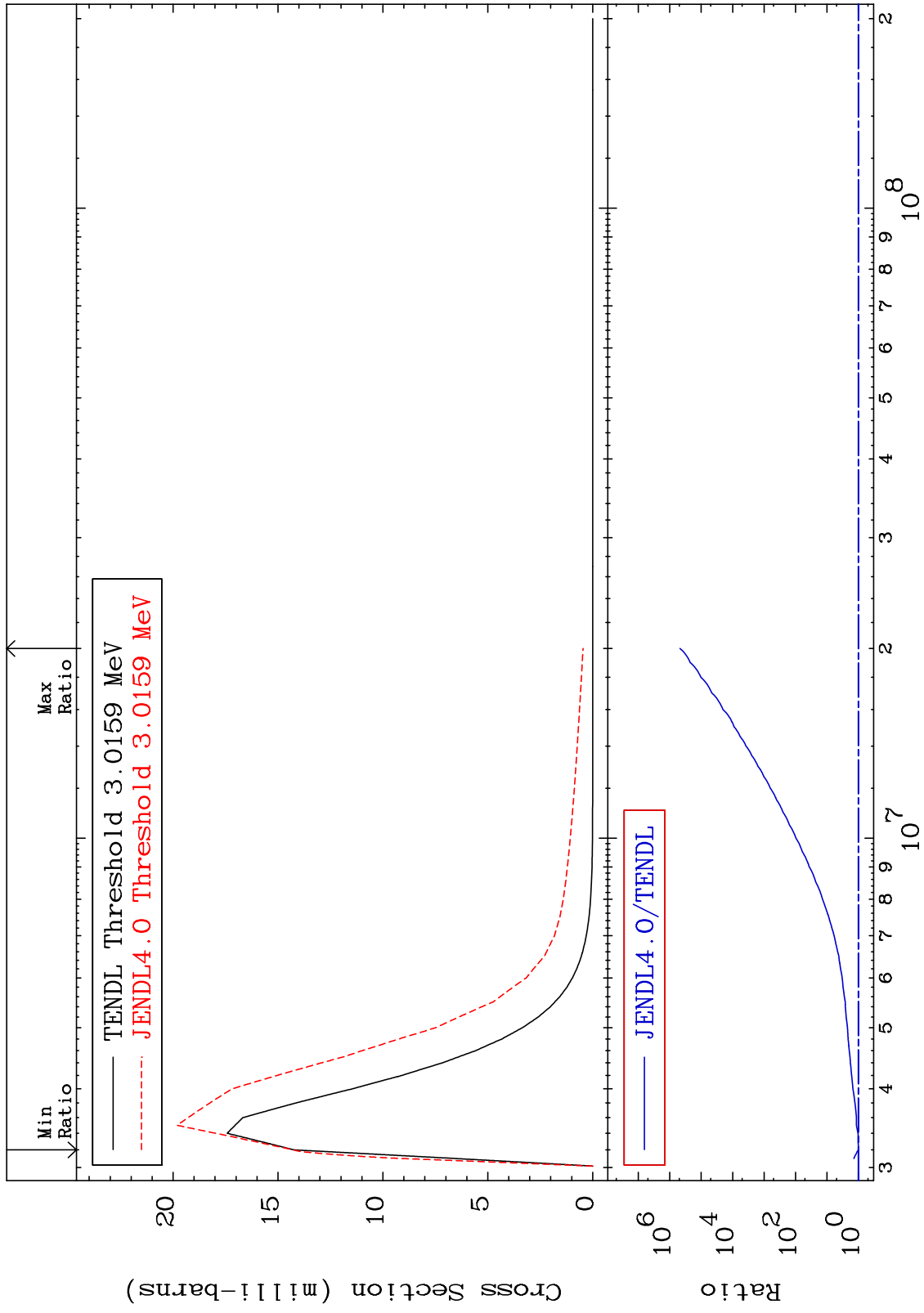
50-Sn-112

Incident Energy (eV)

MAT 5025 MT= 69 (n,n') Level Cross Section 50-Sn-112  
 -73.99 To 77.32 %



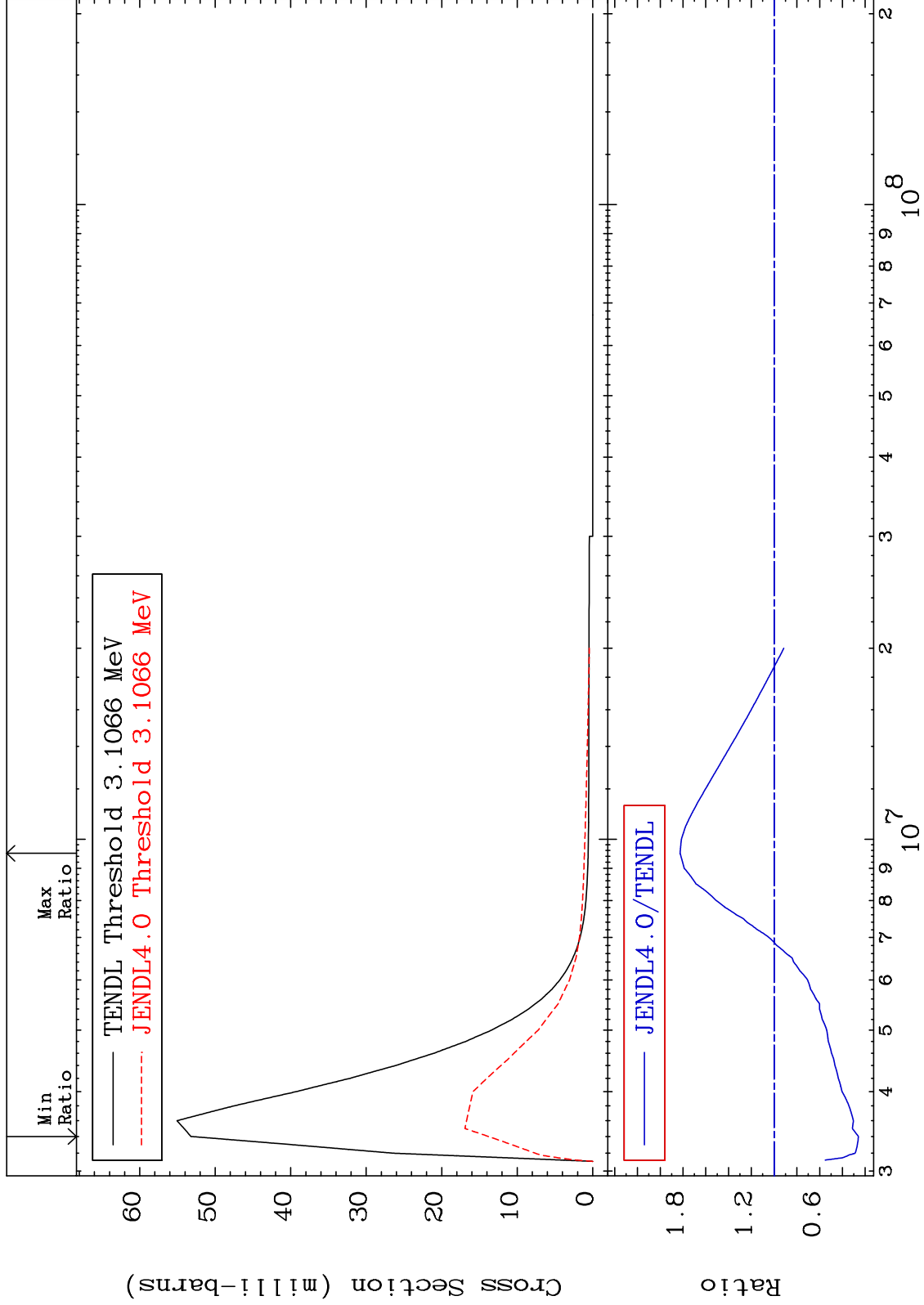
MAT 5025      MT= 70 (n,n') Level Cross Section      50-Sn-112  
 0.225 To 9999. %



MAT 5025

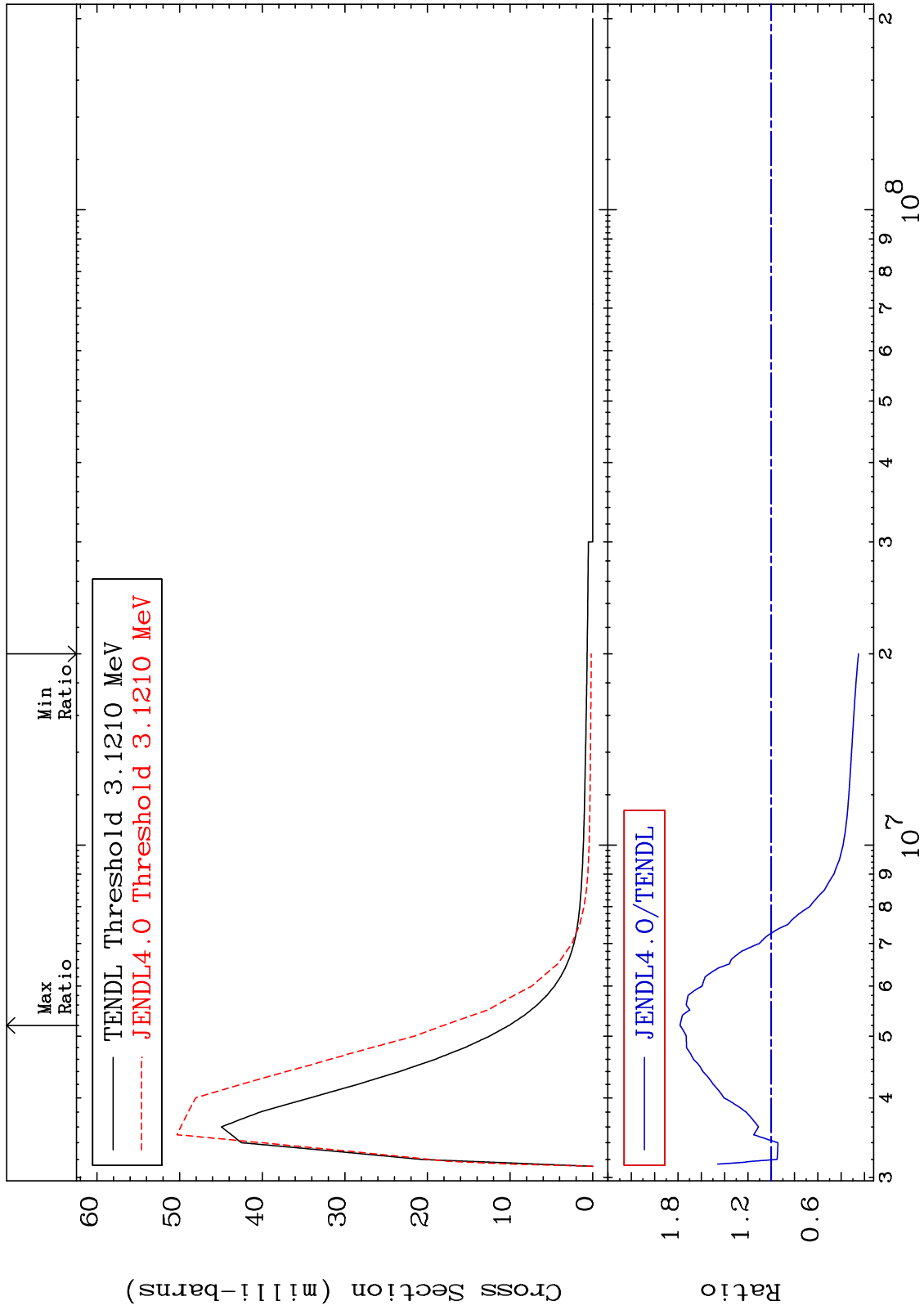
MT= 71 (n,n') Level  
Cross Section

50-Sn-112  
-74.03 To 82.62 %





MAT 5025 MT= 72 (n,n') Level  
Cross Section 50-Sn-112  
-74.79 To 78.23 %

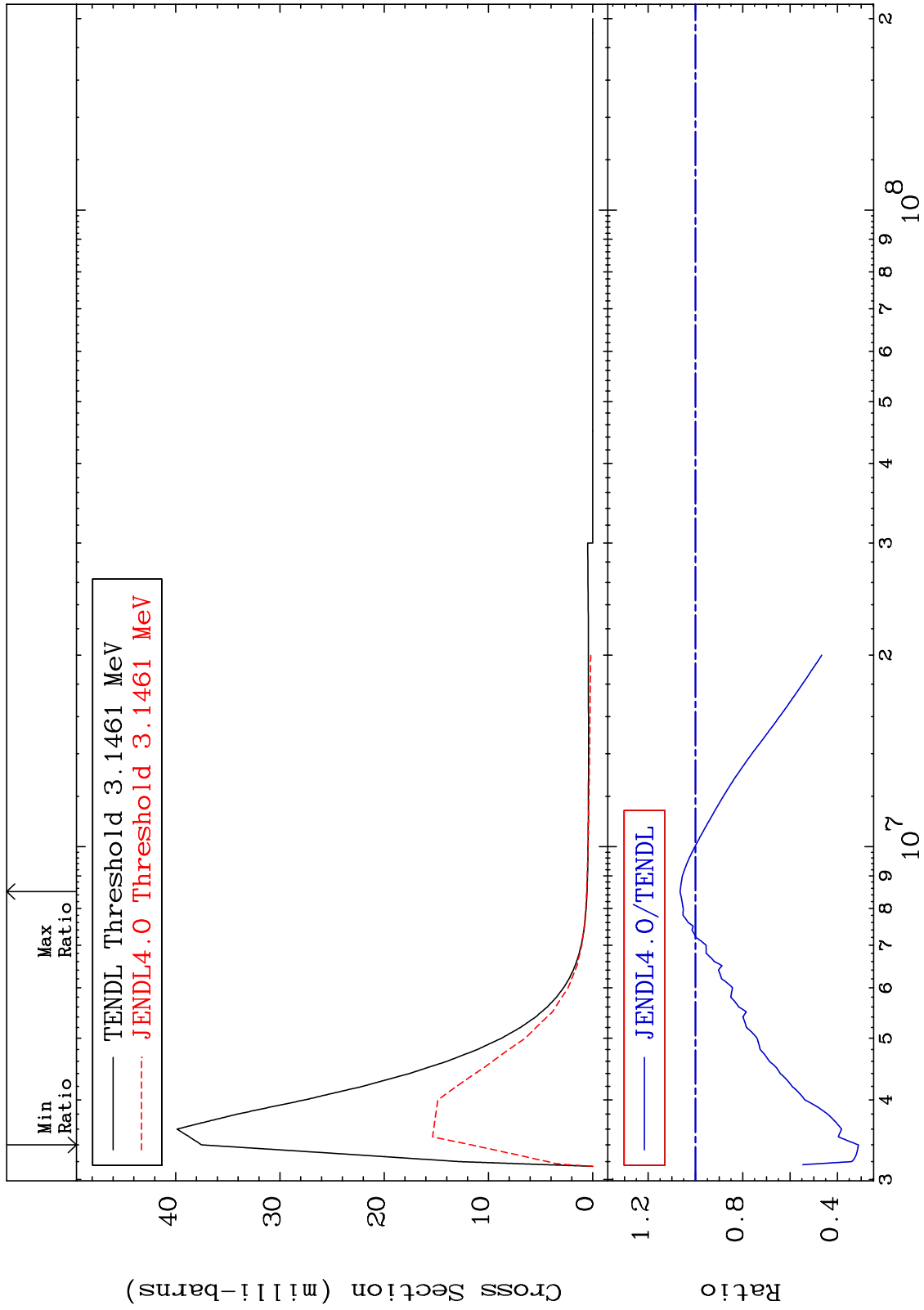


50-Sn-112

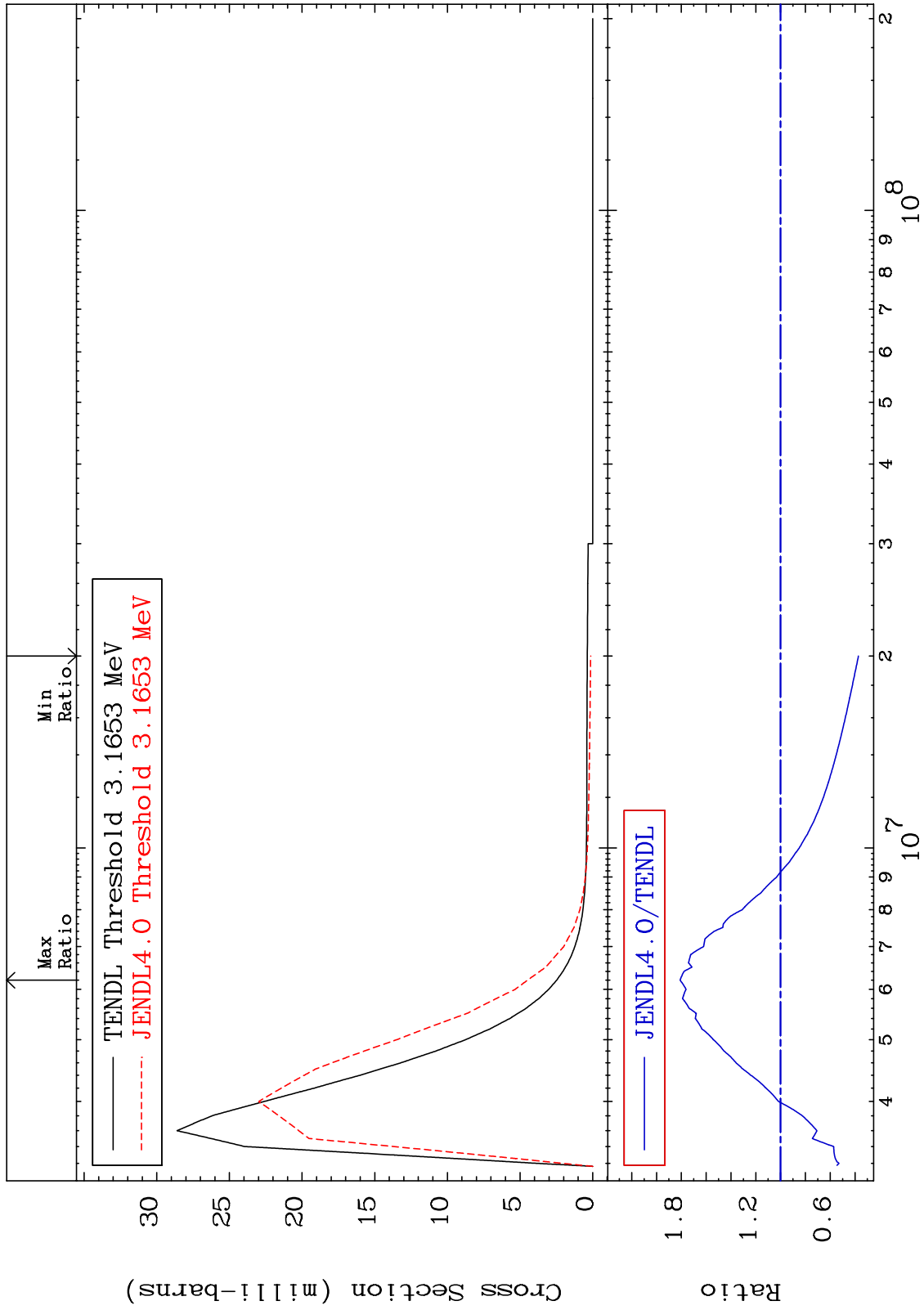
MAT 5025

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

50-Sn-112  
-68.86 To 6.545 %



MAT 5025 MT= 74 (n,n') Level Cross Section 50-Sn-112 -62.75 To 81.06 %

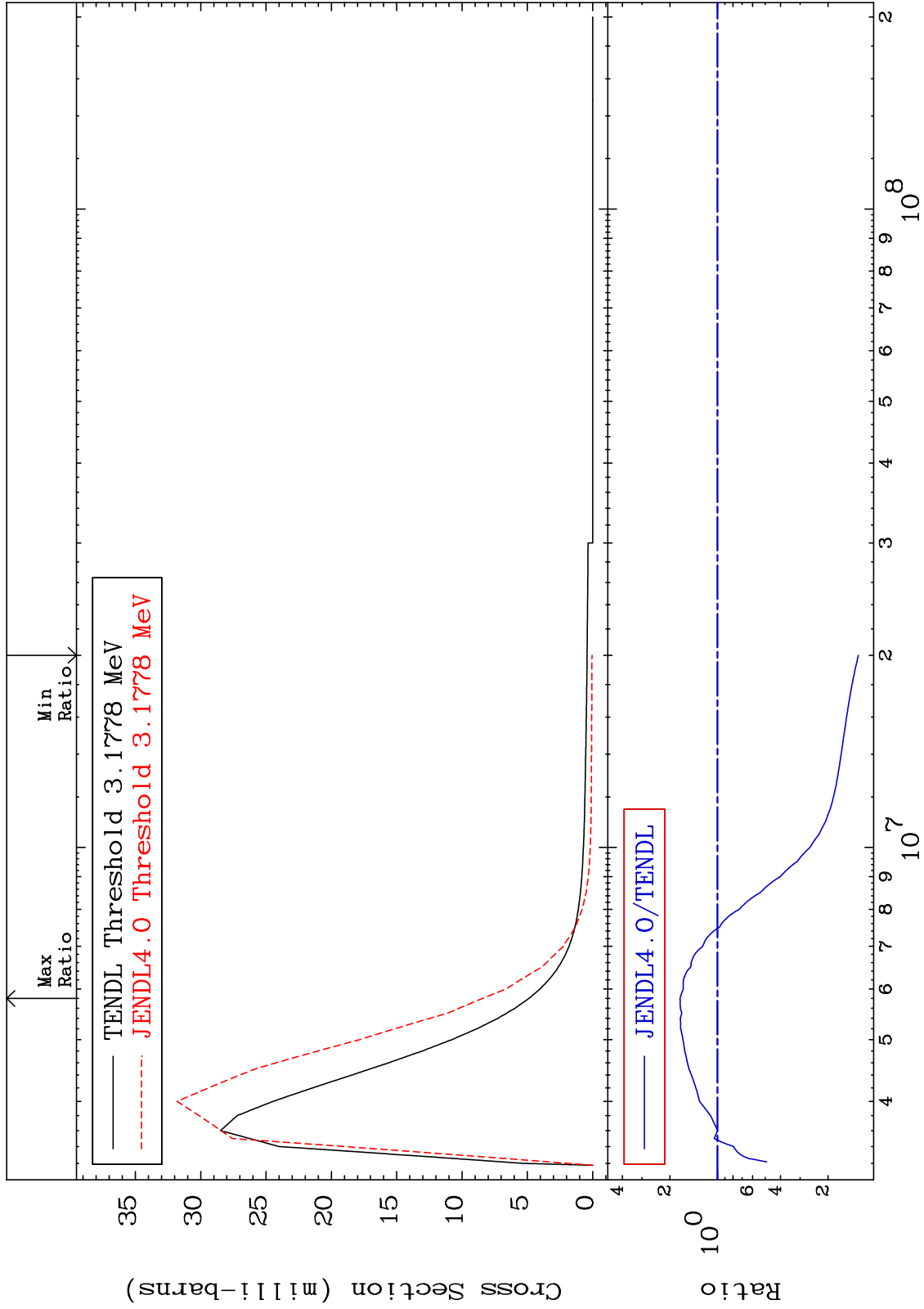


34 Incident Energy (eV) 50-Sn-112

MAT 5025

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

50-Sn-112  
-87.14 To 72.72 %



35

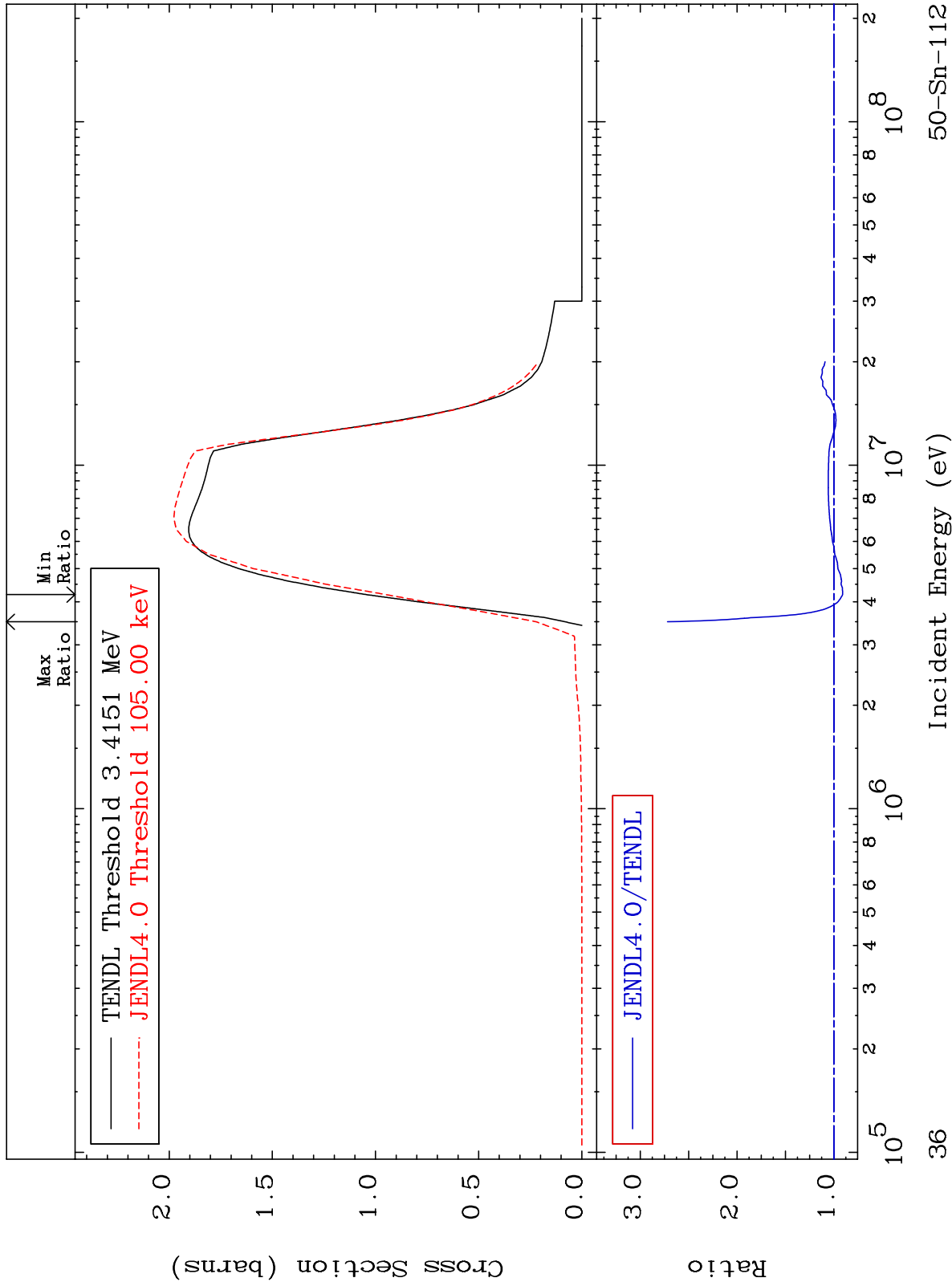
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum  
Cross Section

50-Sn-112  
-9.160 To 171.8 %



36

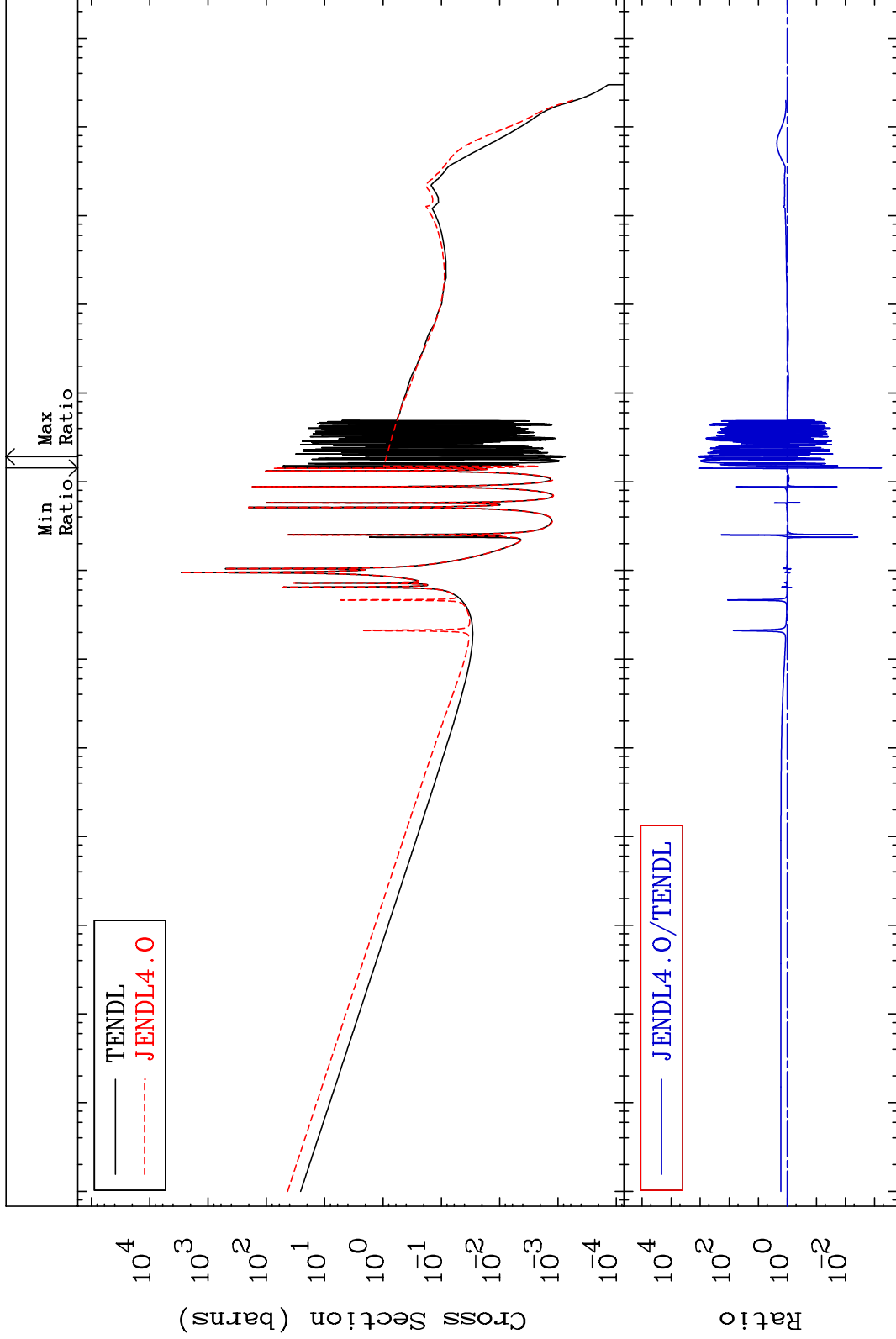
MAT 5025

(n,  $\gamma$ )

50-Sn-112

Cross Section

-99.94 To 9999. %



37

Incident Energy (eV)

50-Sn-112

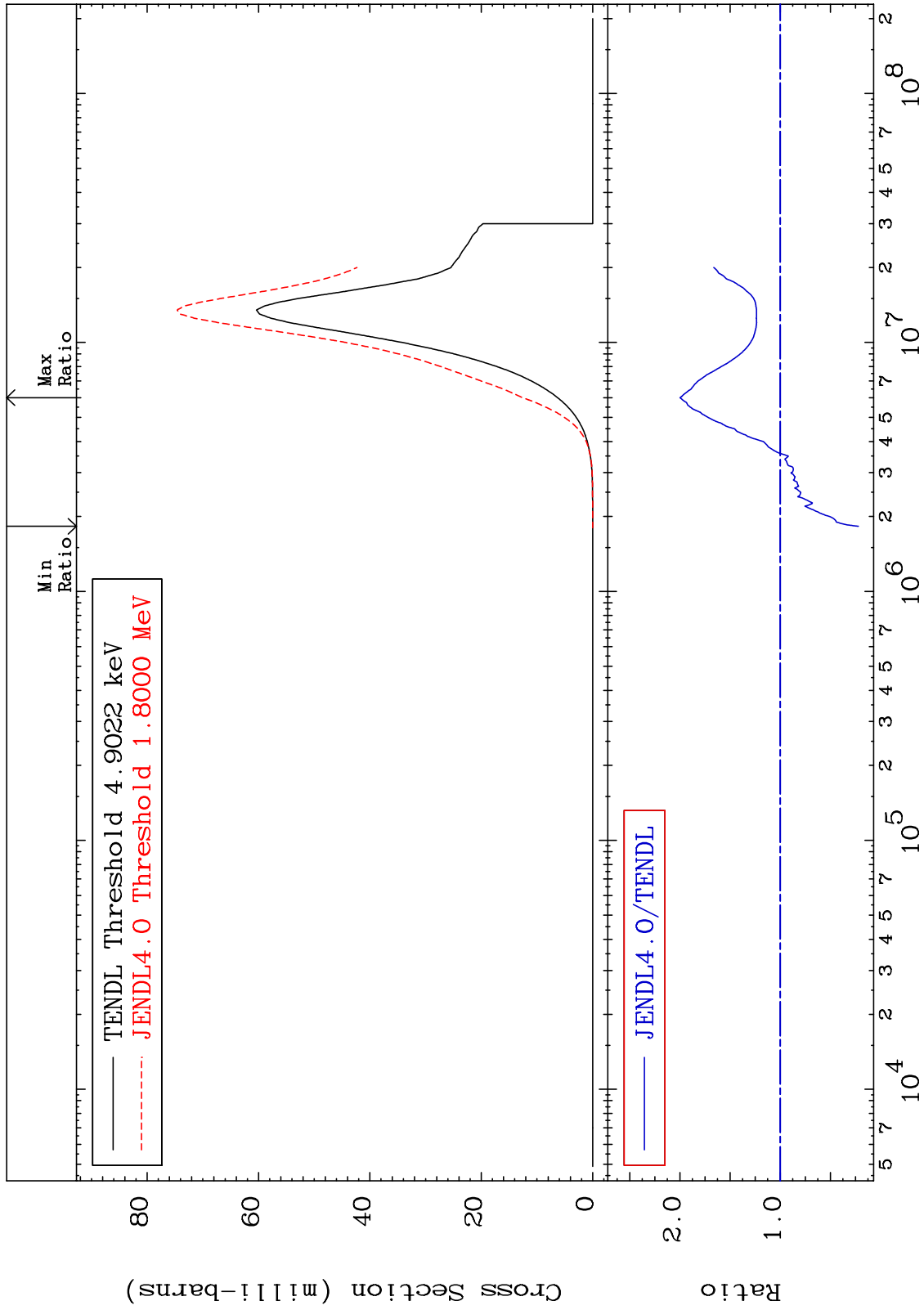
MAT 5025

(n, p)

50-Sn-112

Cross Section

-77.93 To 99.91 %



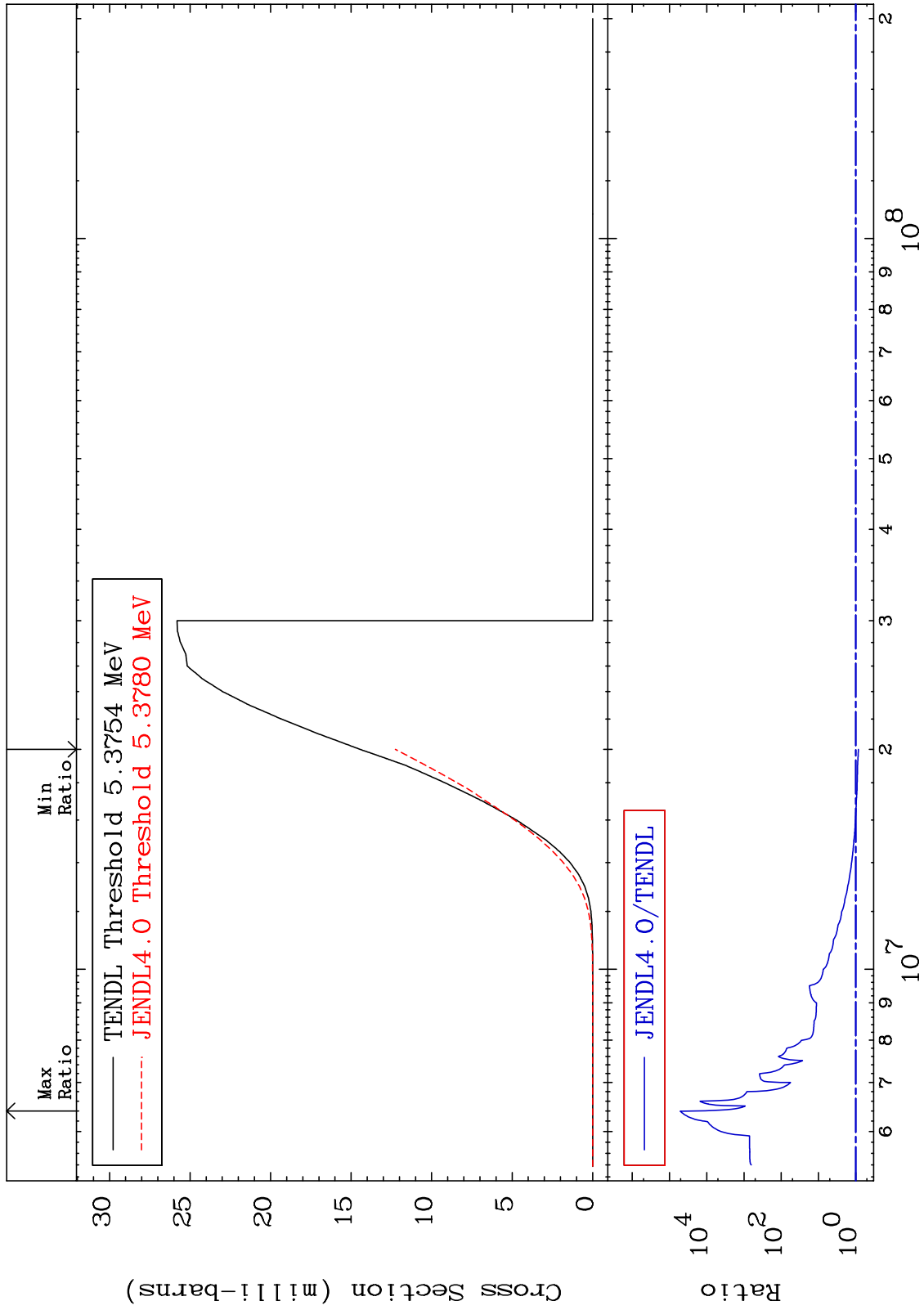
MAT 5025

(n, d)

50-Sn-112

Cross Section

-15.18 To 9999. %



39

Incident Energy (eV)

50-Sn-112



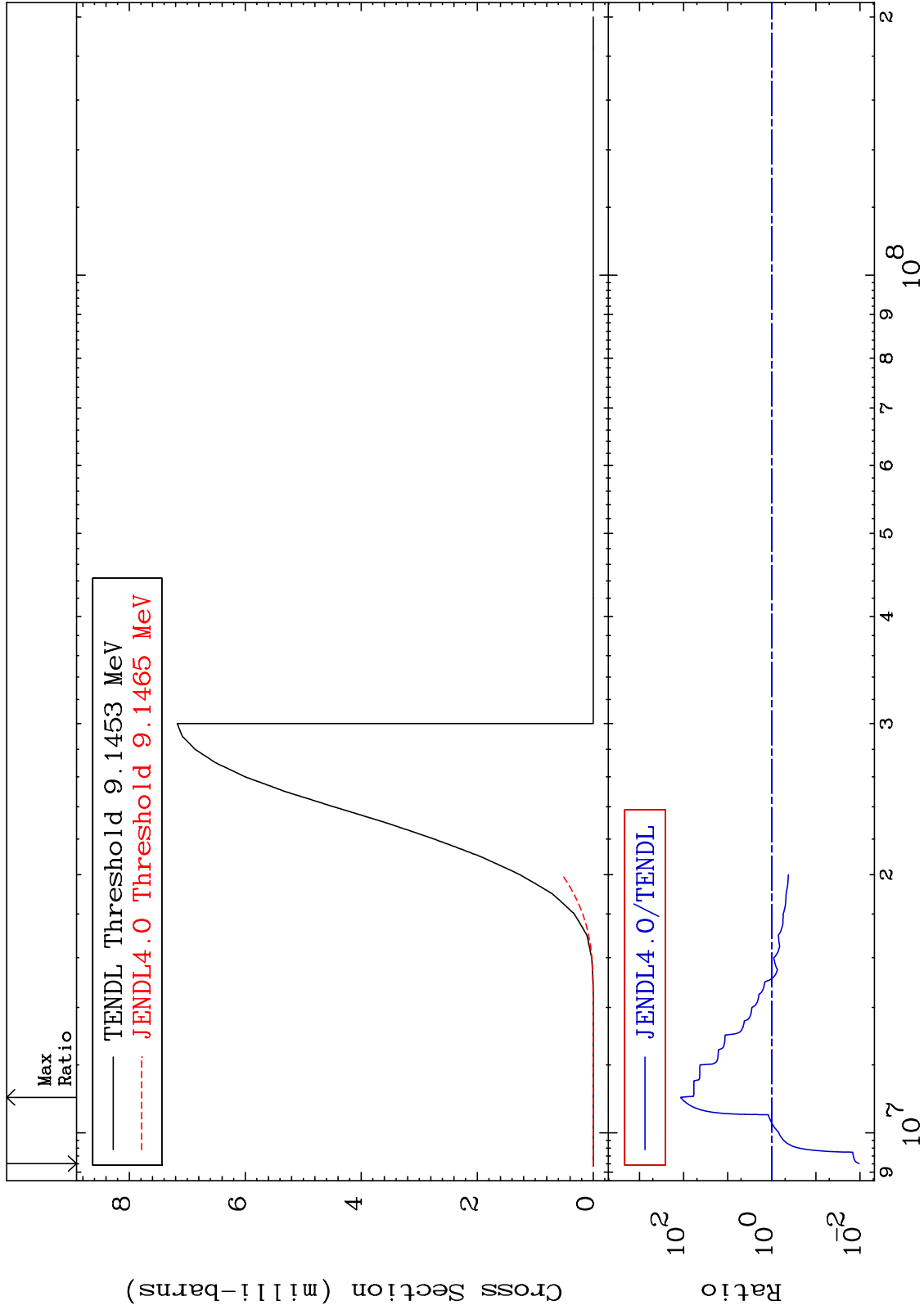
MAT 5025

(n, t)

50-Sn-112

Cross Section

-98.95 To 9999. %



Incident Energy (eV)

50-Sn-112

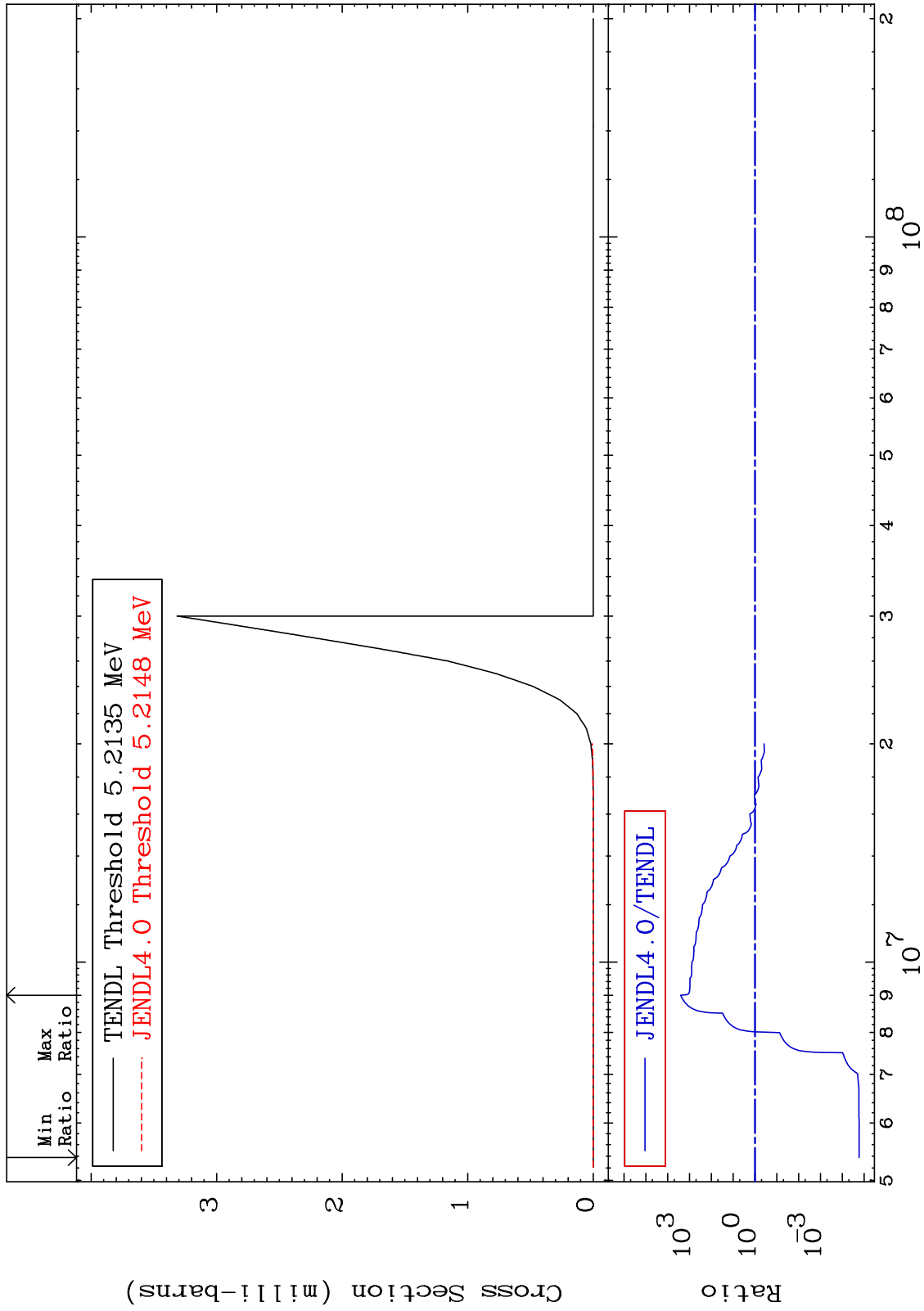
MAT 5025

(n, He-3)

50-Sn-112

Cross Section

-100.0 To 9999. %



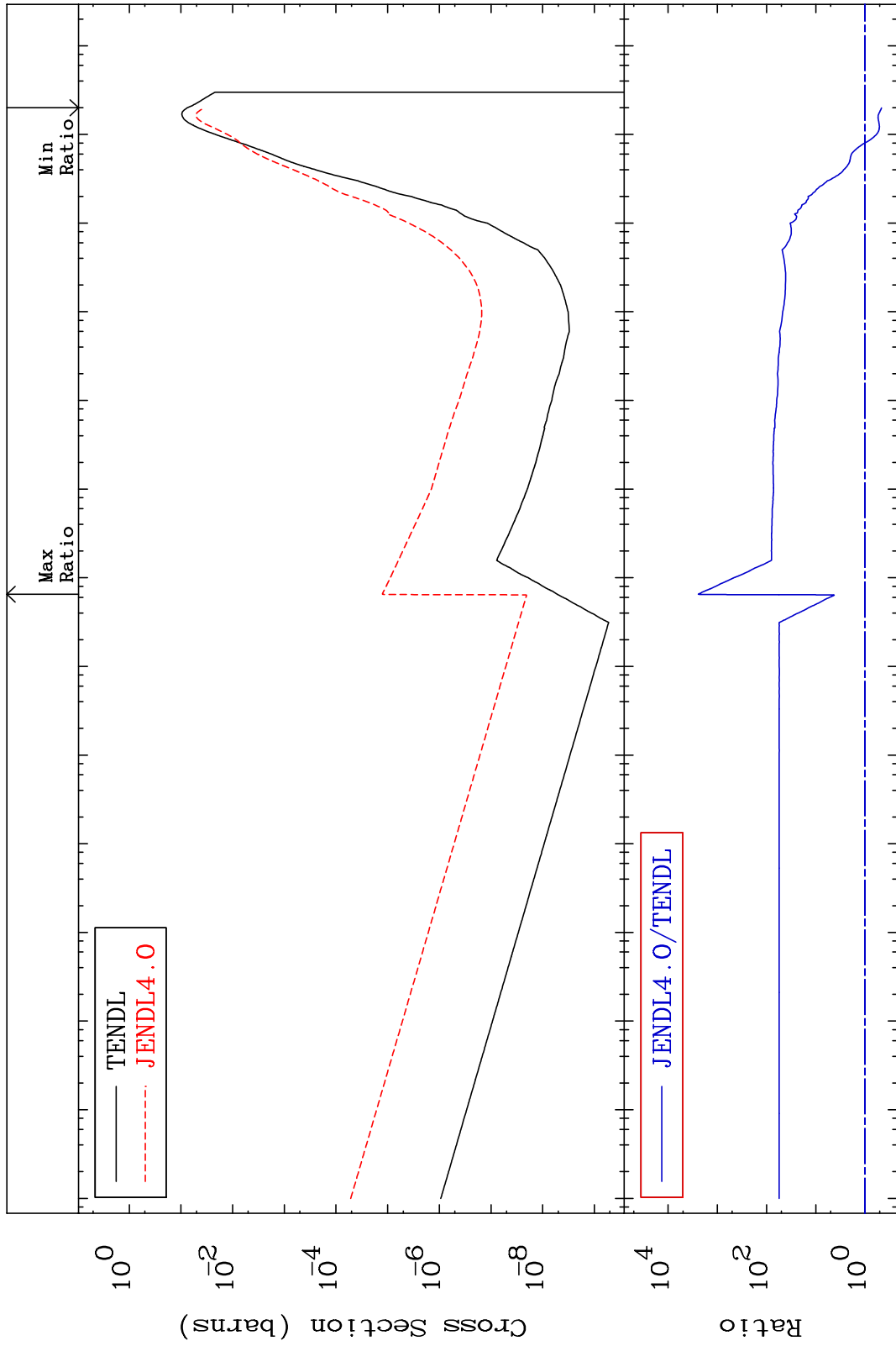
MAT 5025

(n,  $\alpha$ )

50-Sn-112

Cross Section

-53.93 To 9999. %



Incident Energy (eV)

50-Sn-112

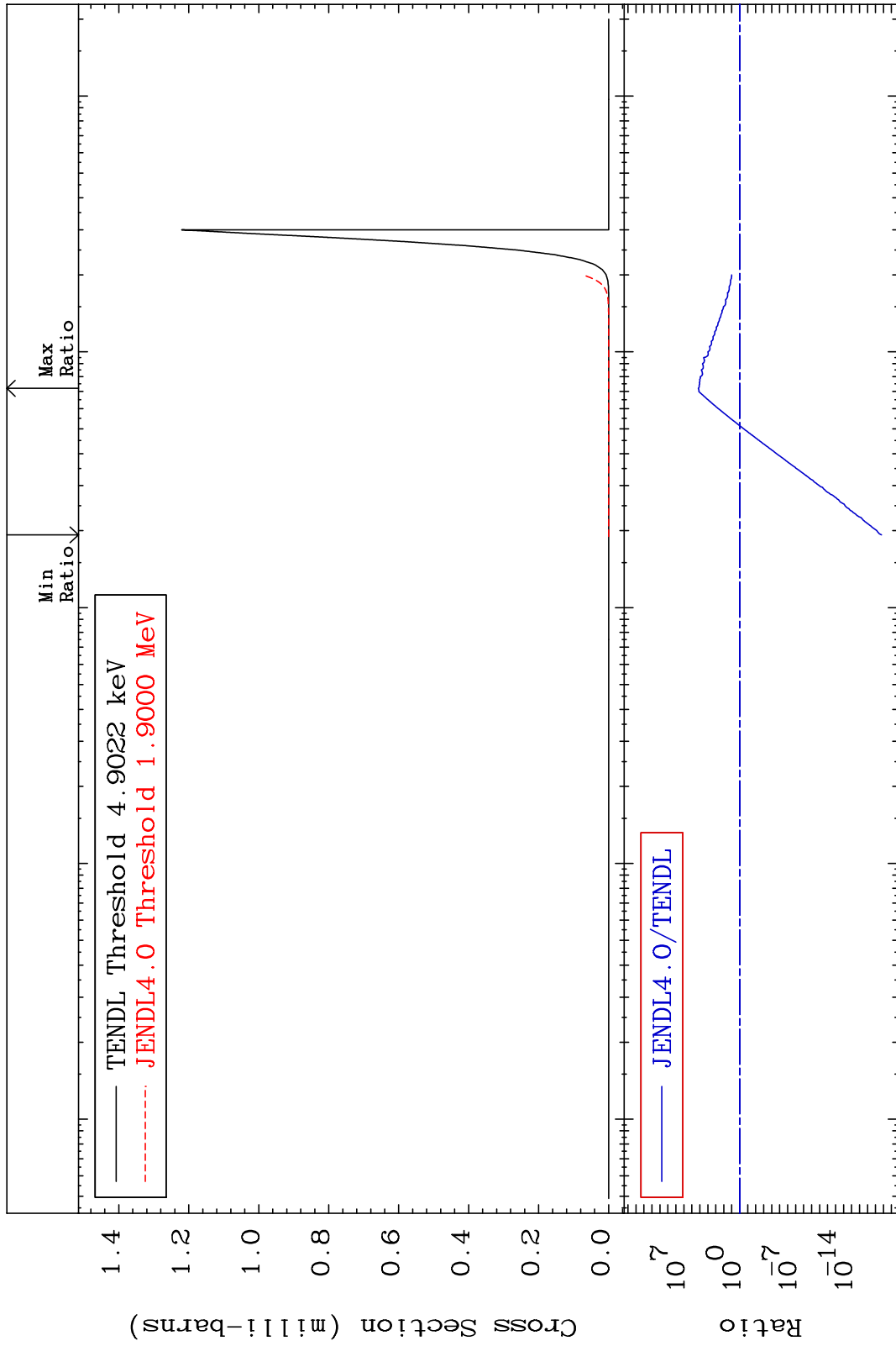
MAT 5025

(n, 2α)

50-Sn-112

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

50-Sn-112

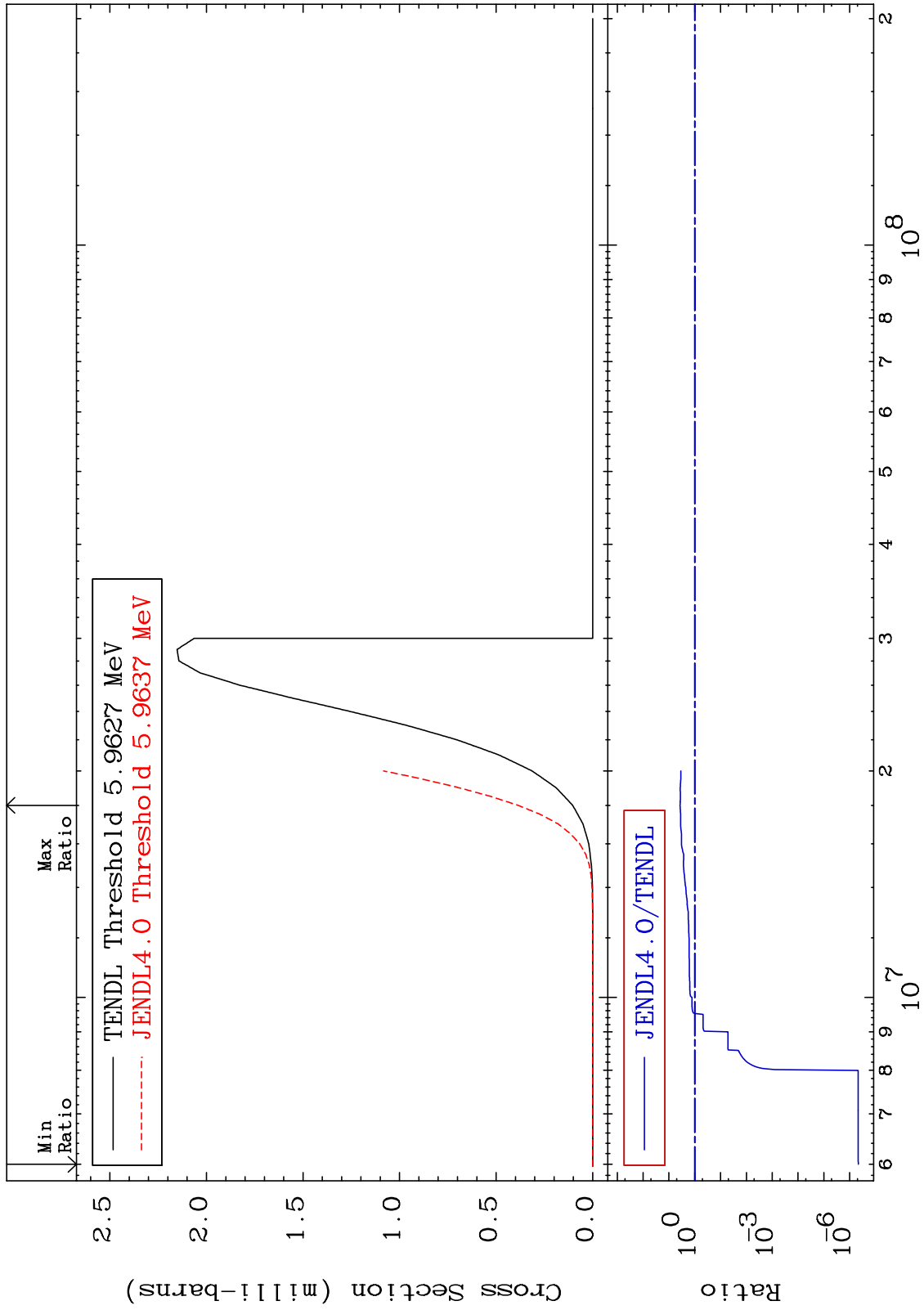
MAT 5025

(n,2p)

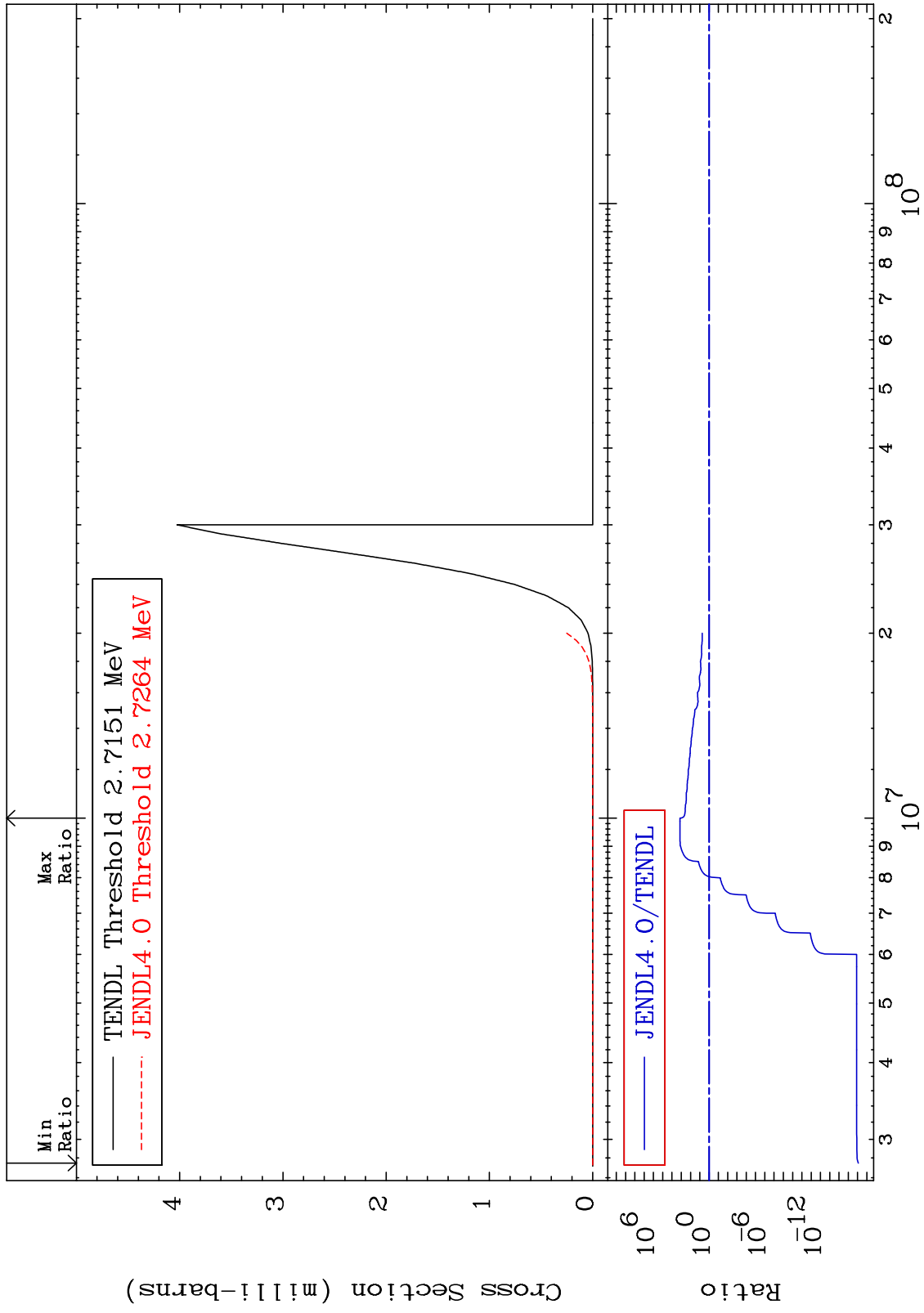
50-Sn-112

Cross Section

-100.0 To 272.0 %

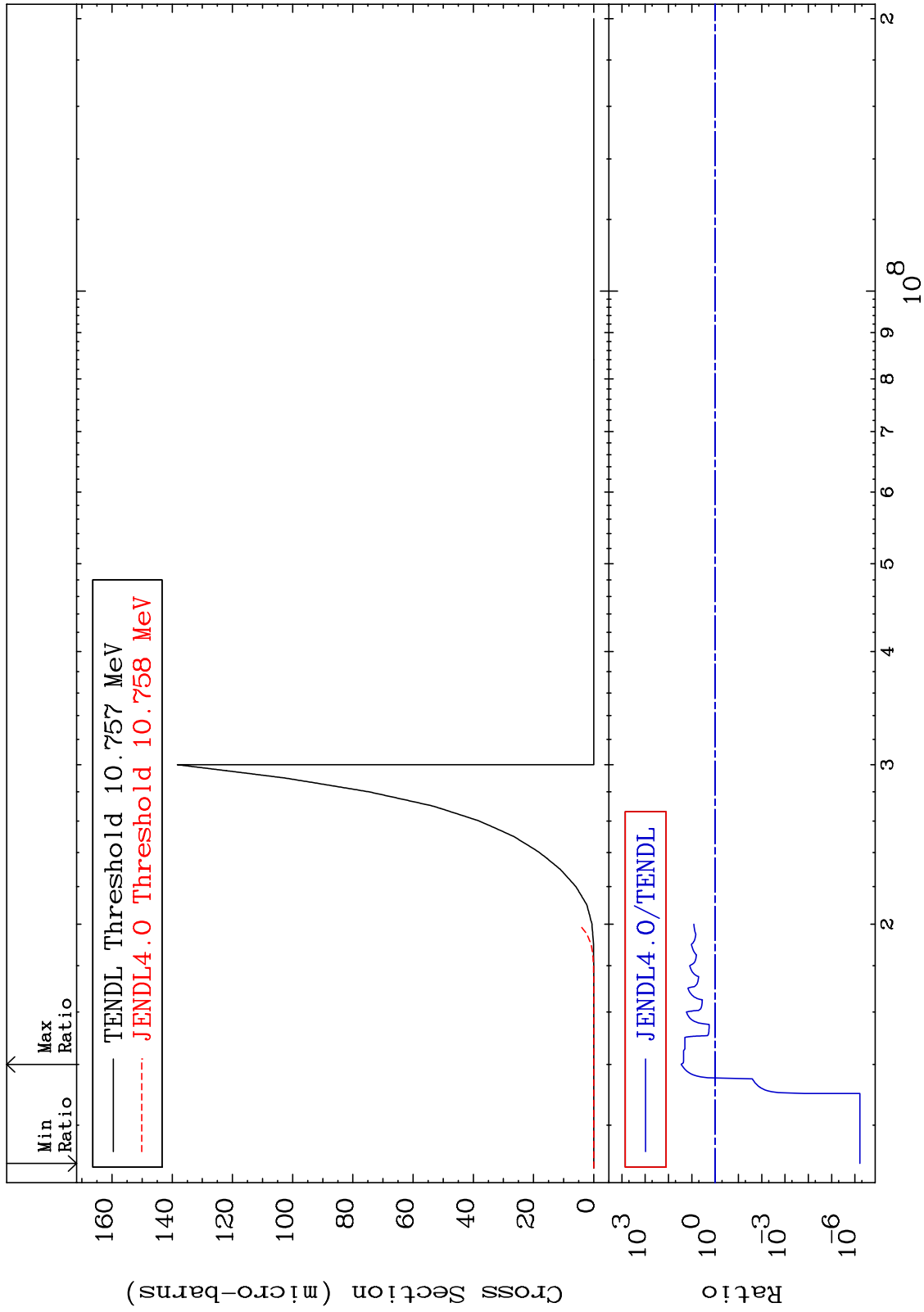


MAT 5025 (n,p)  $\alpha$  50-Sn-112  
 Cross Section -100.0 To 9999. %



Cross Section

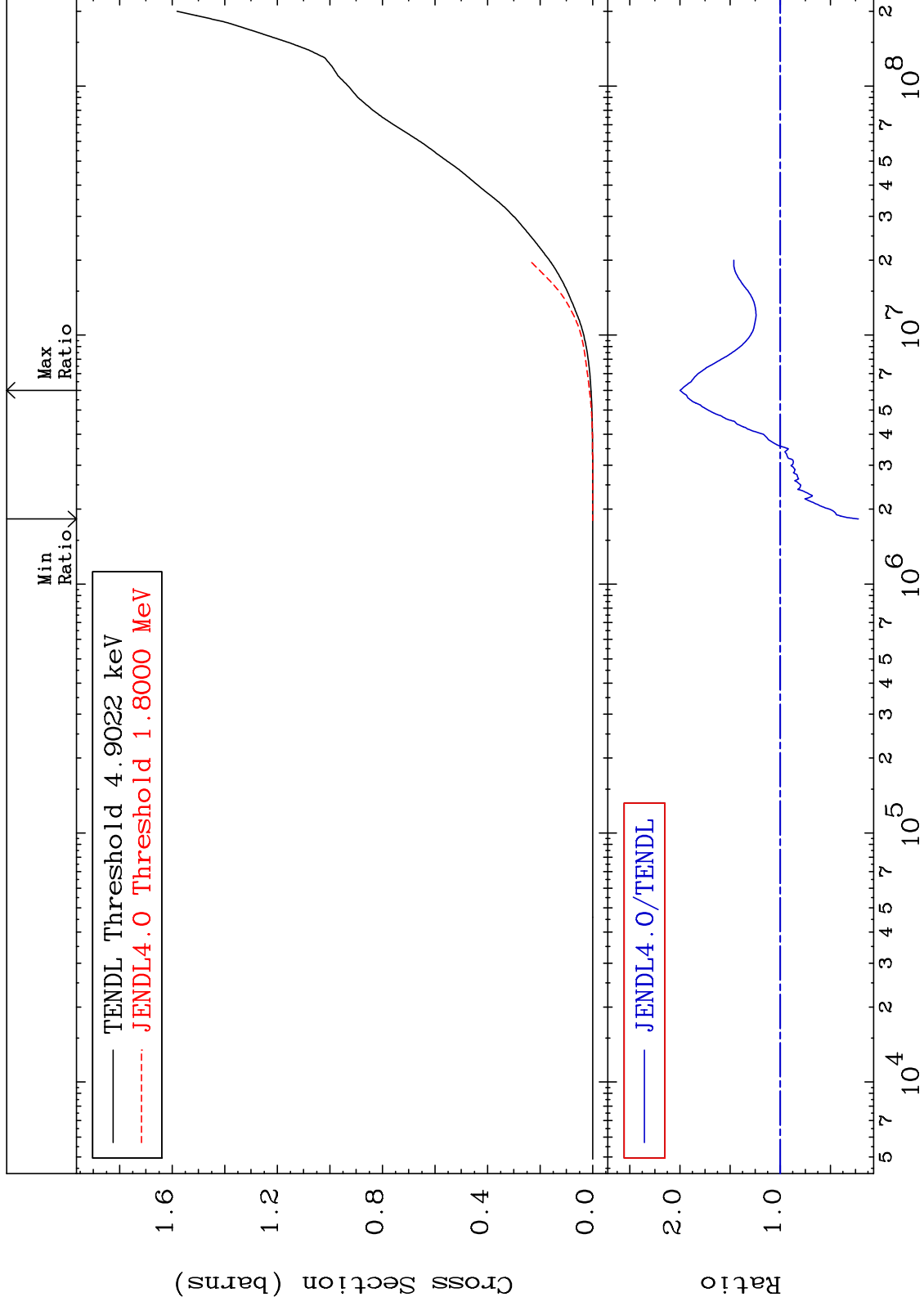
-100.0 To 2737. %



MAT 5025

Hydrogen Production  
Cross Section

50-Sn-112  
-77.93 To 99.91 %



47

Incident Energy (eV)

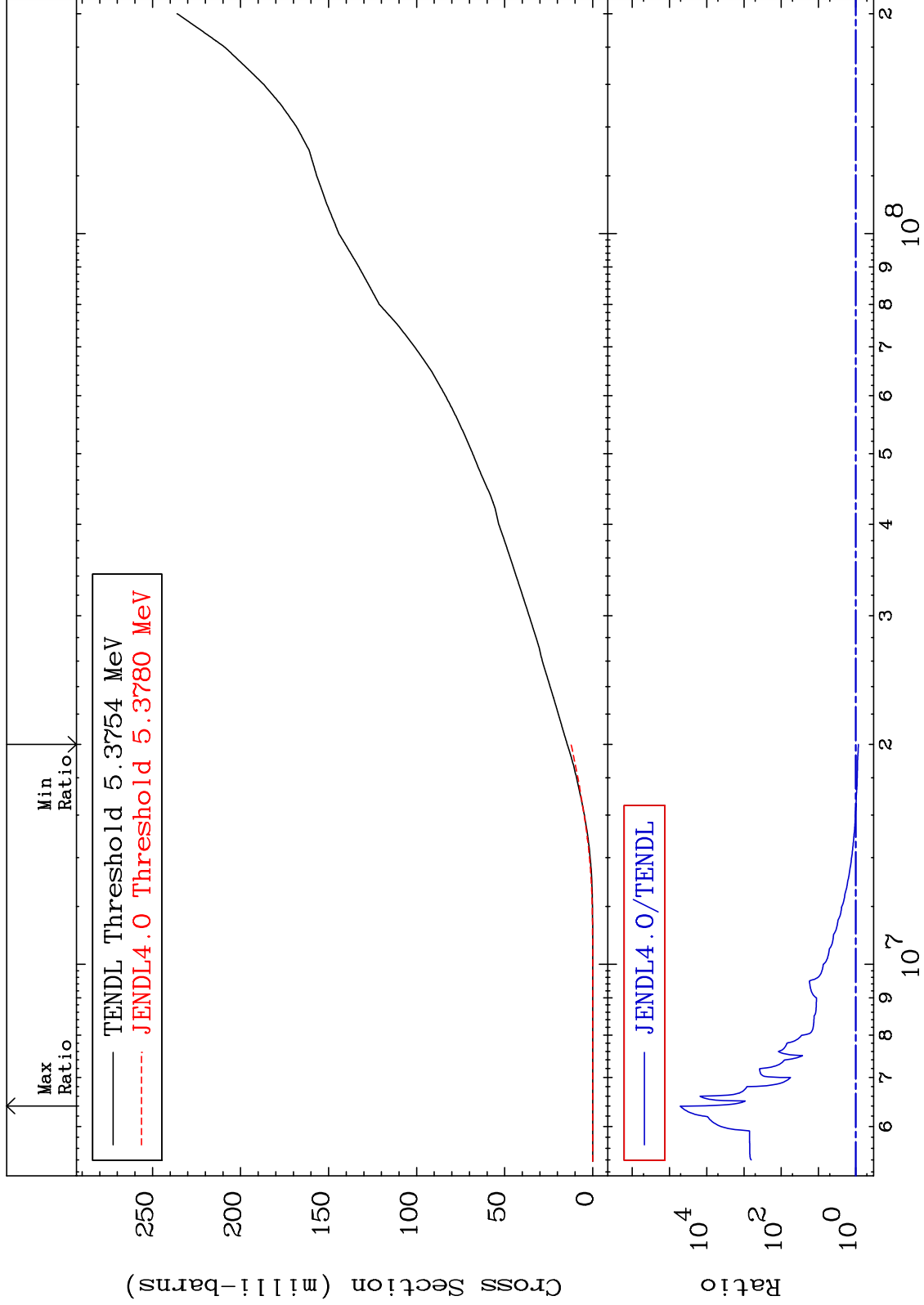
50-Sn-112



MAT 5025

Deuterium Production  
Cross Section

50-Sn-112  
-15.10 To 9999. %



48

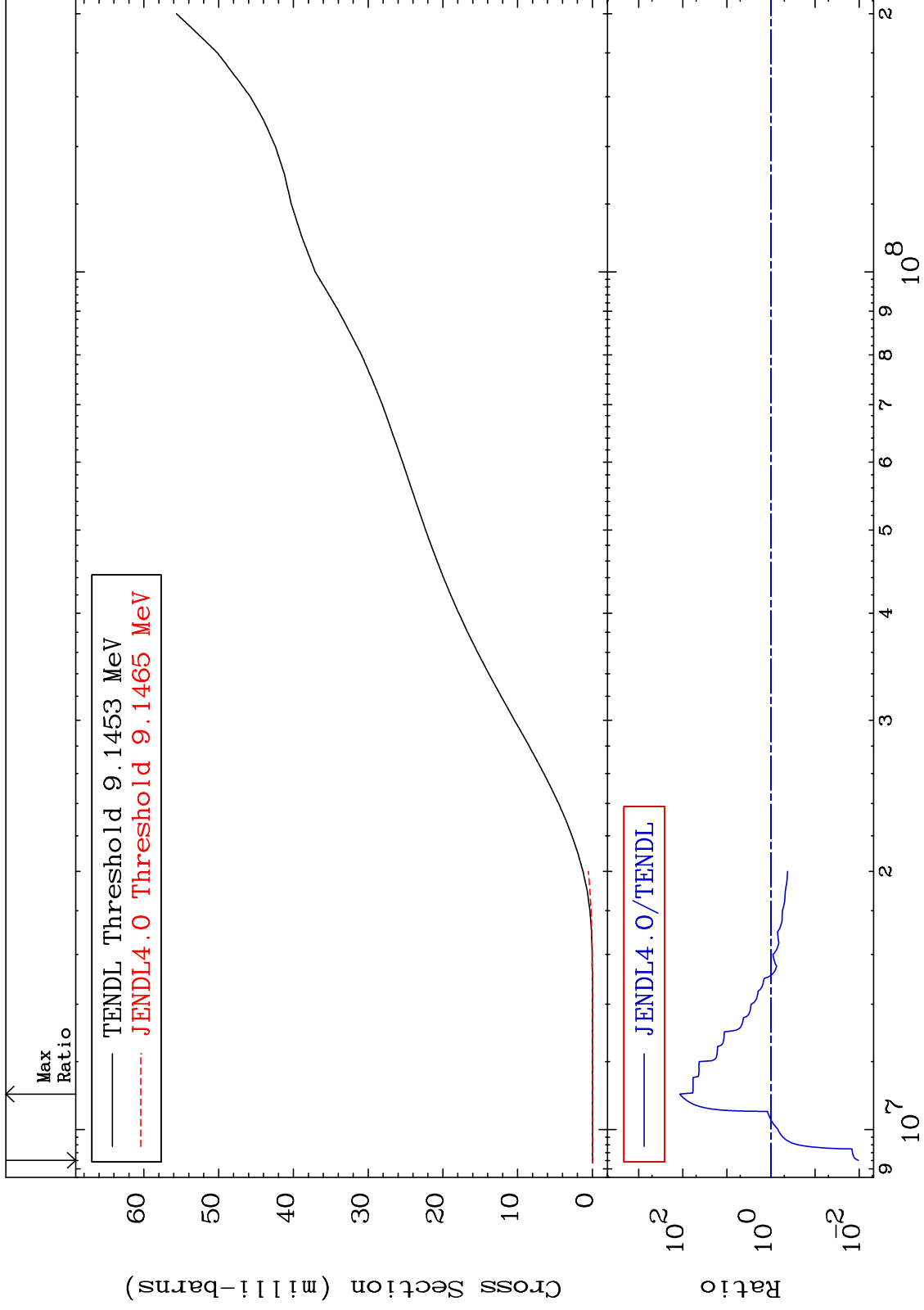
Incident Energy (eV)

50-Sn-112

MAT 5025

Tritium Production  
Cross Section

50-Sn-112  
-98.95 To 9999. %



49

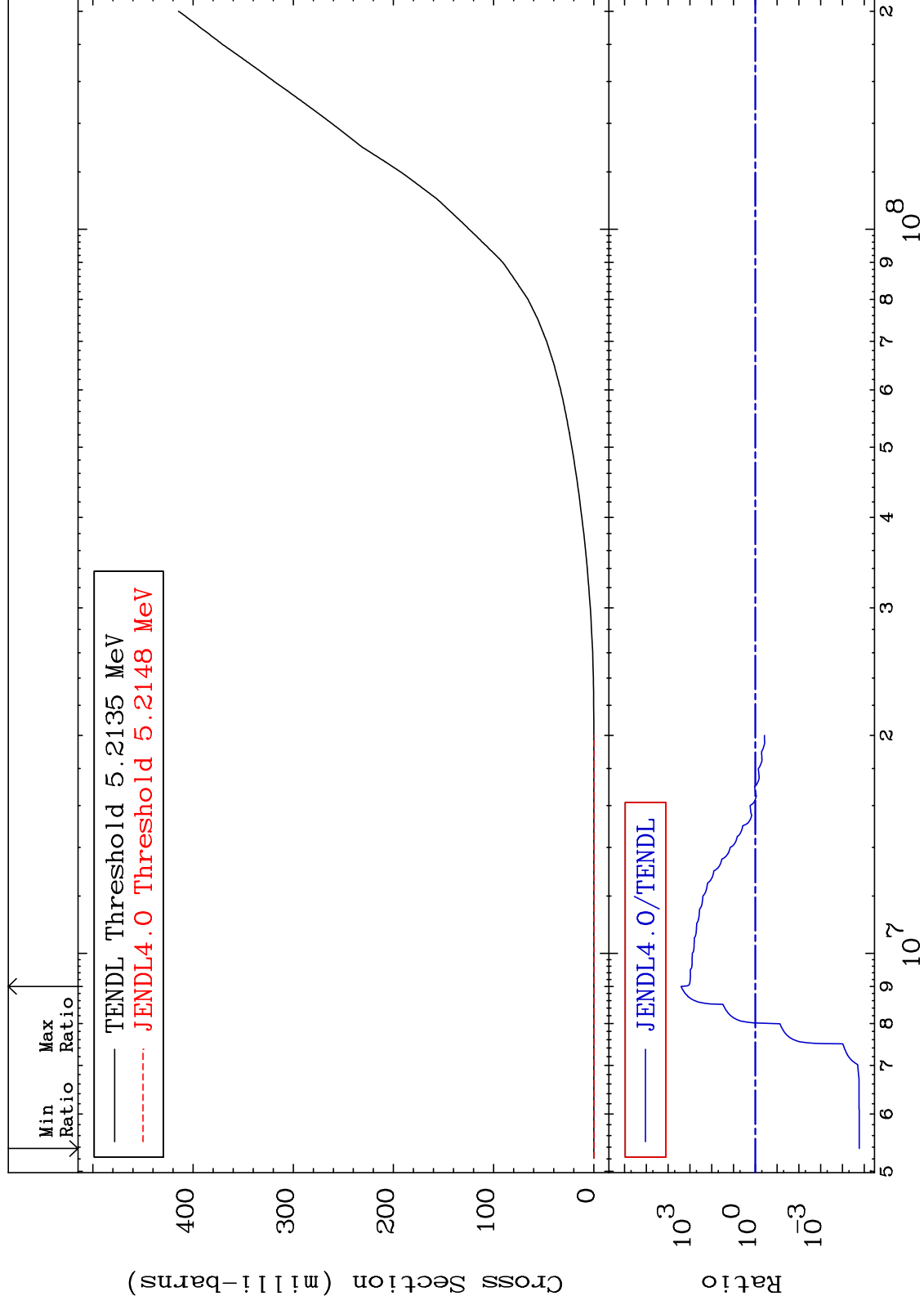
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production  
Cross Section

50-Sn-112  
-100.0 To 9999. %



50

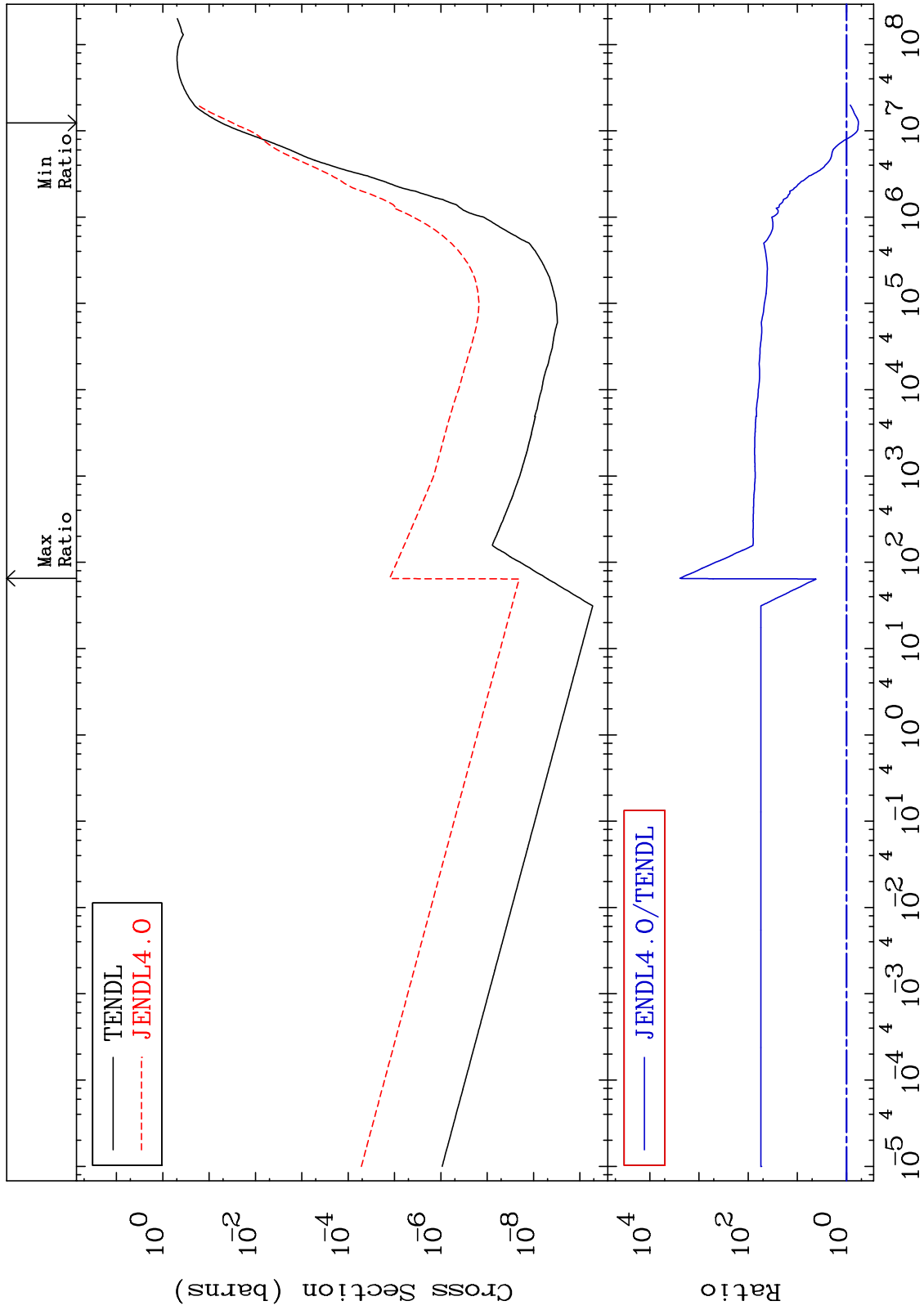
Incident Energy (eV)

50-Sn-112

MAT 5025

He-4 Production  
Cross Section

50-Sn-112  
-42.64 To 9999. %



51

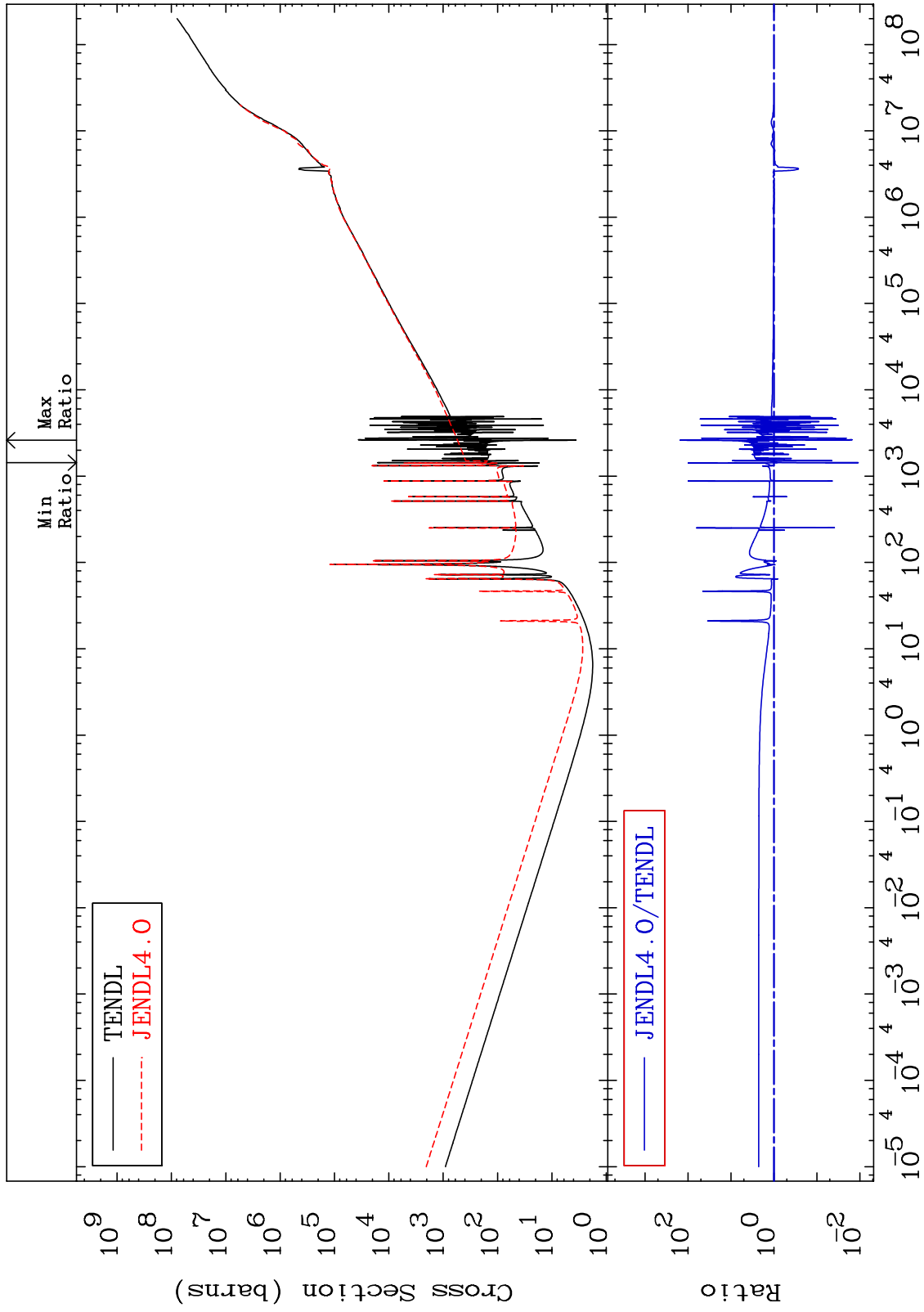
Incident Energy (eV)

50-Sn-112

MAT 5025

Kerma total (eV-barns)  
Cross Section

50-Sn-112  
-98.92 To 9999. %



52

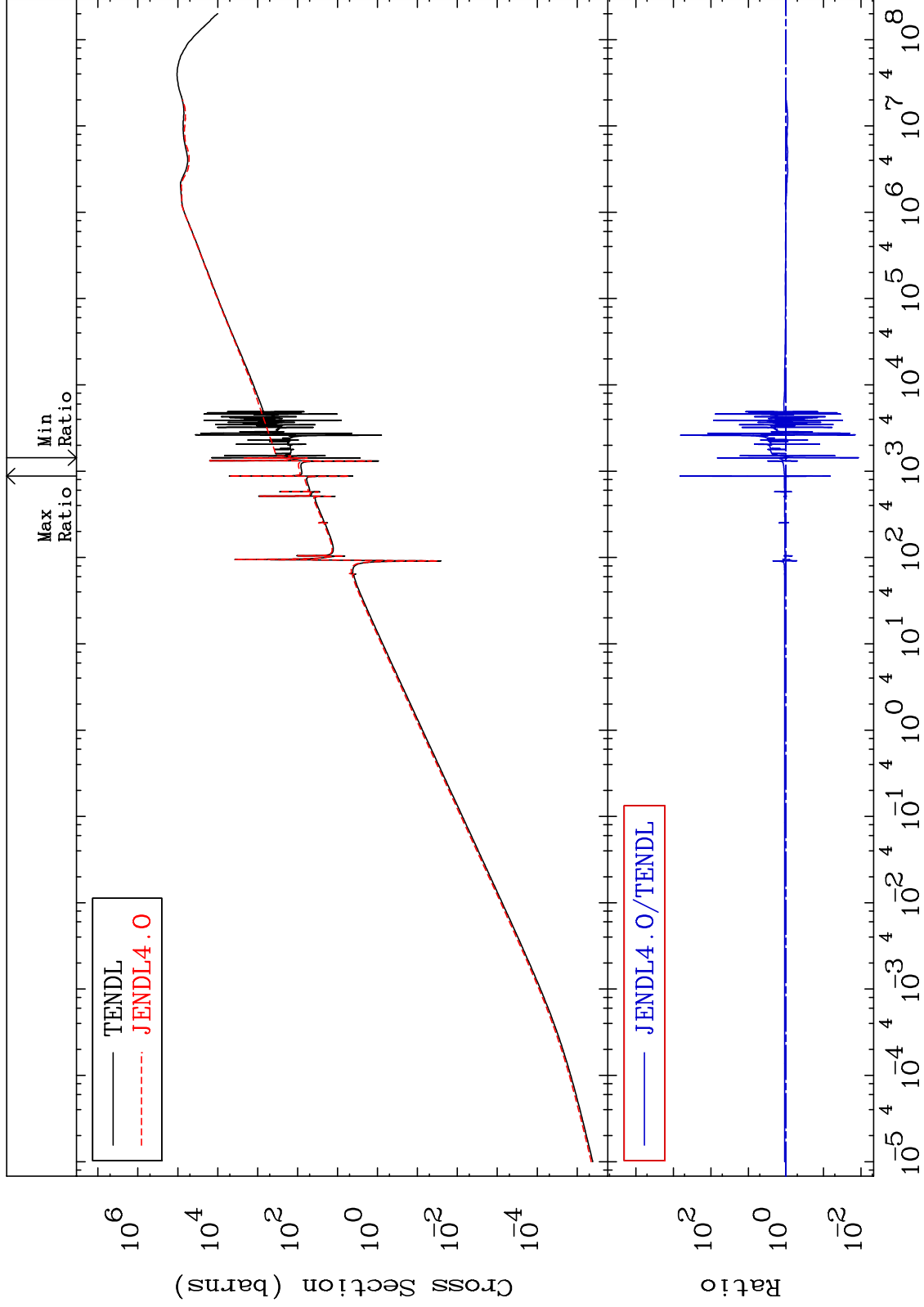
Incident Energy (eV)

50-Sn-112

MAT 5025

Kerma elastic  
Cross Section

50-Sn-112  
-98.83 To 9999. %



53

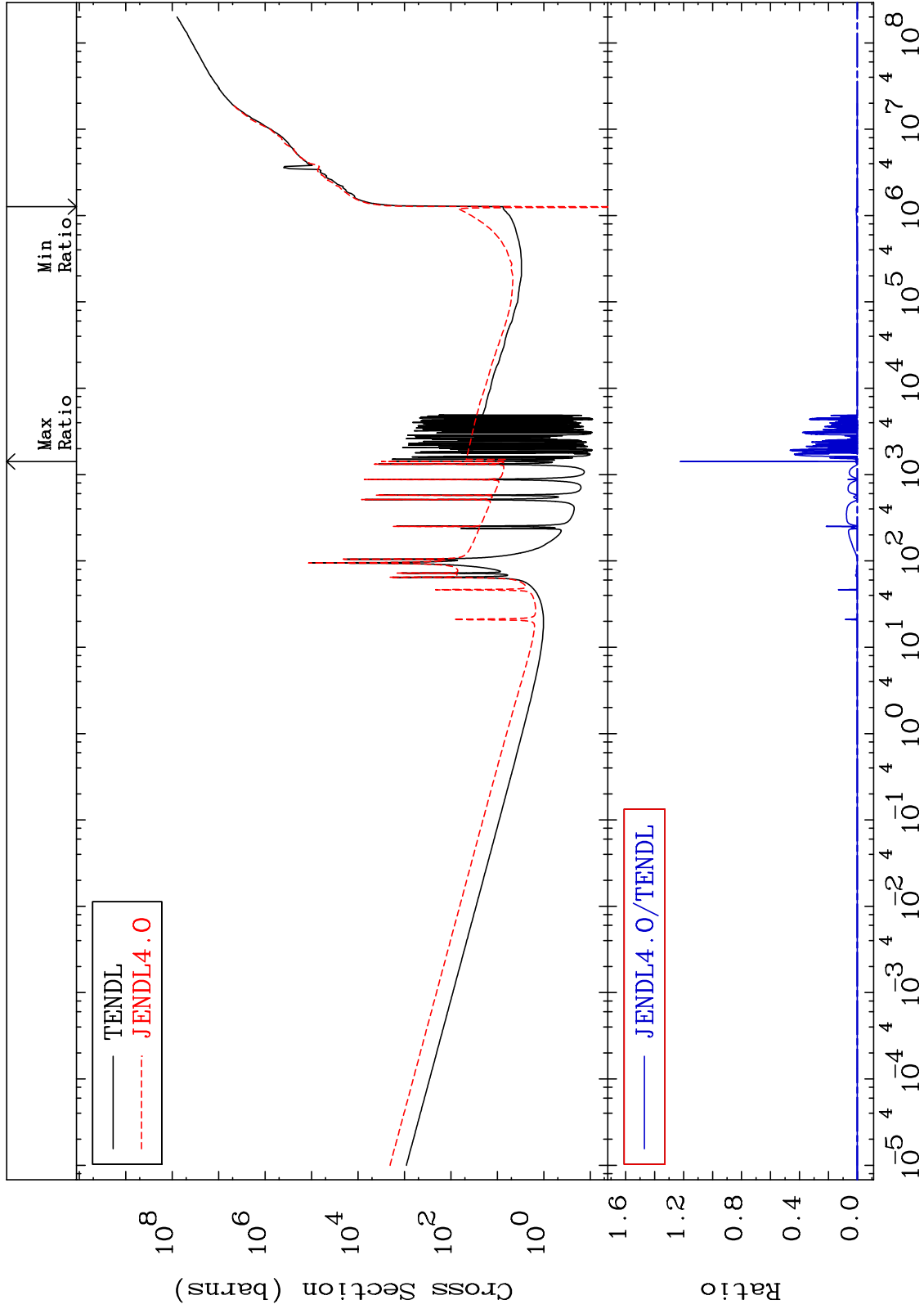
Incident Energy (eV)

50-Sn-112

MAT 5025

Kerma non-elastic (all but mt2)  
Cross Section

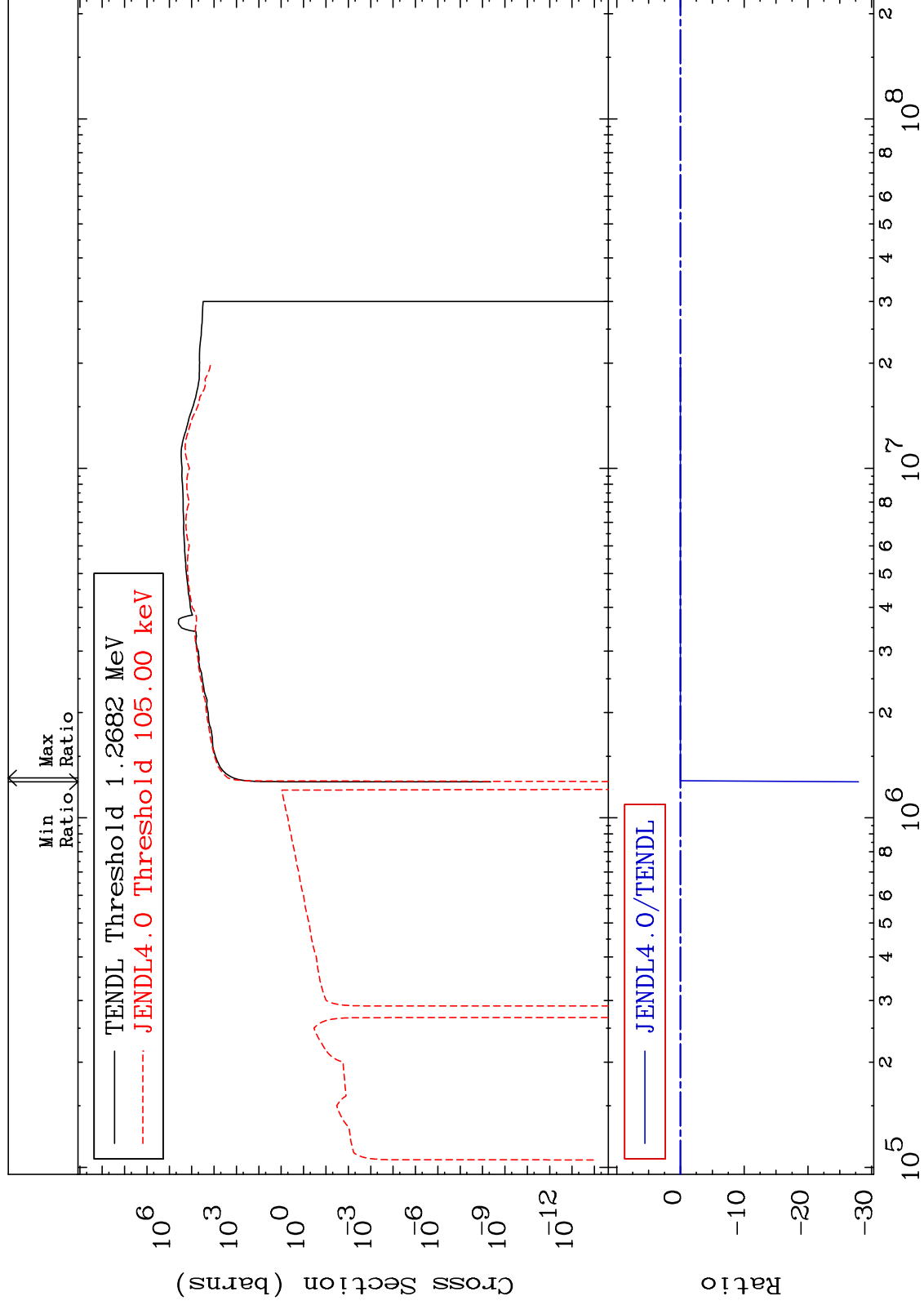
50-Sn-112  
-727.2 To 9999. %



MAT 5025

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-112  
-9999. To 74.58 %



55

Incident Energy (eV)

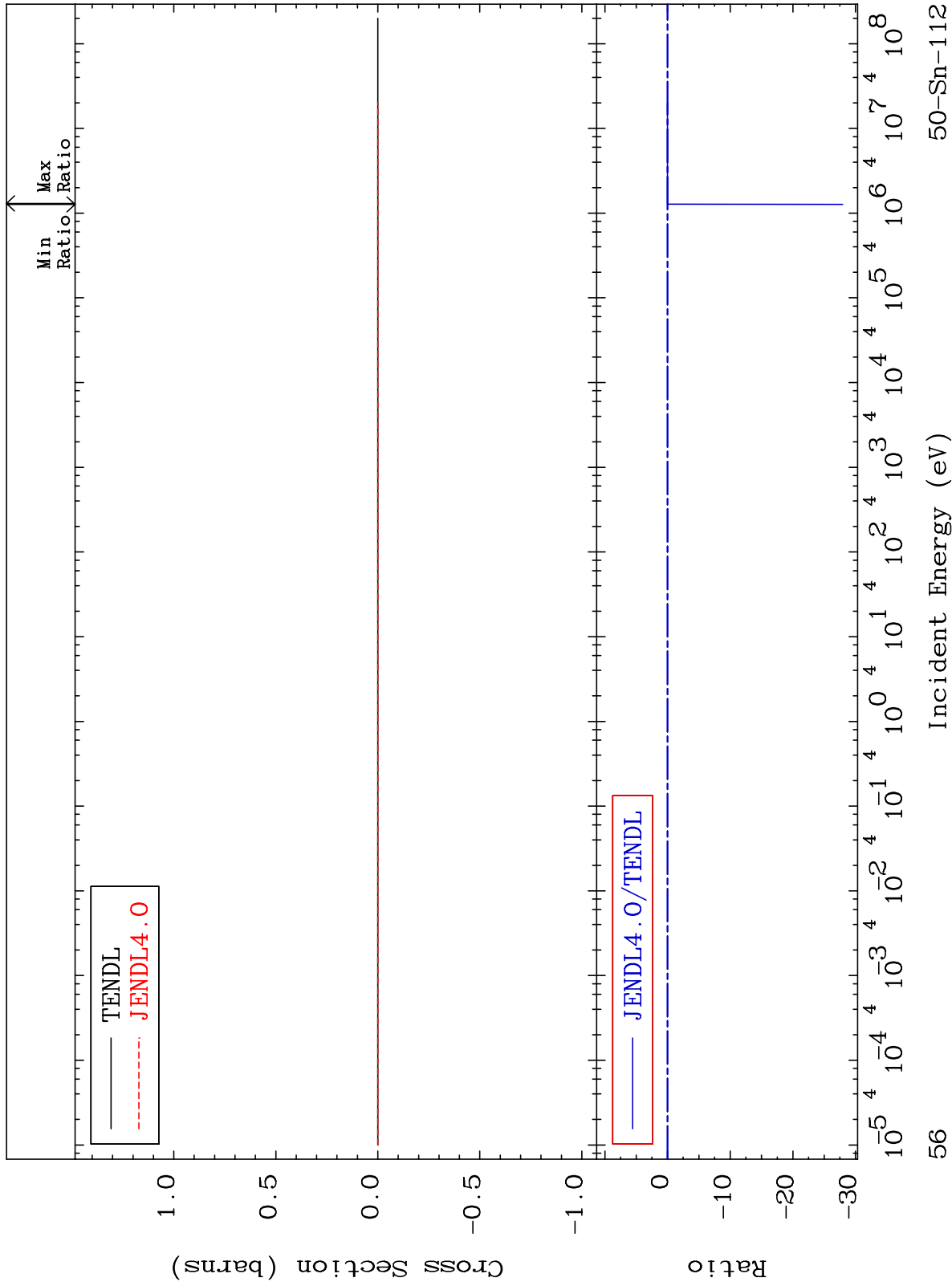
50-Sn-112



MAT 5025

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

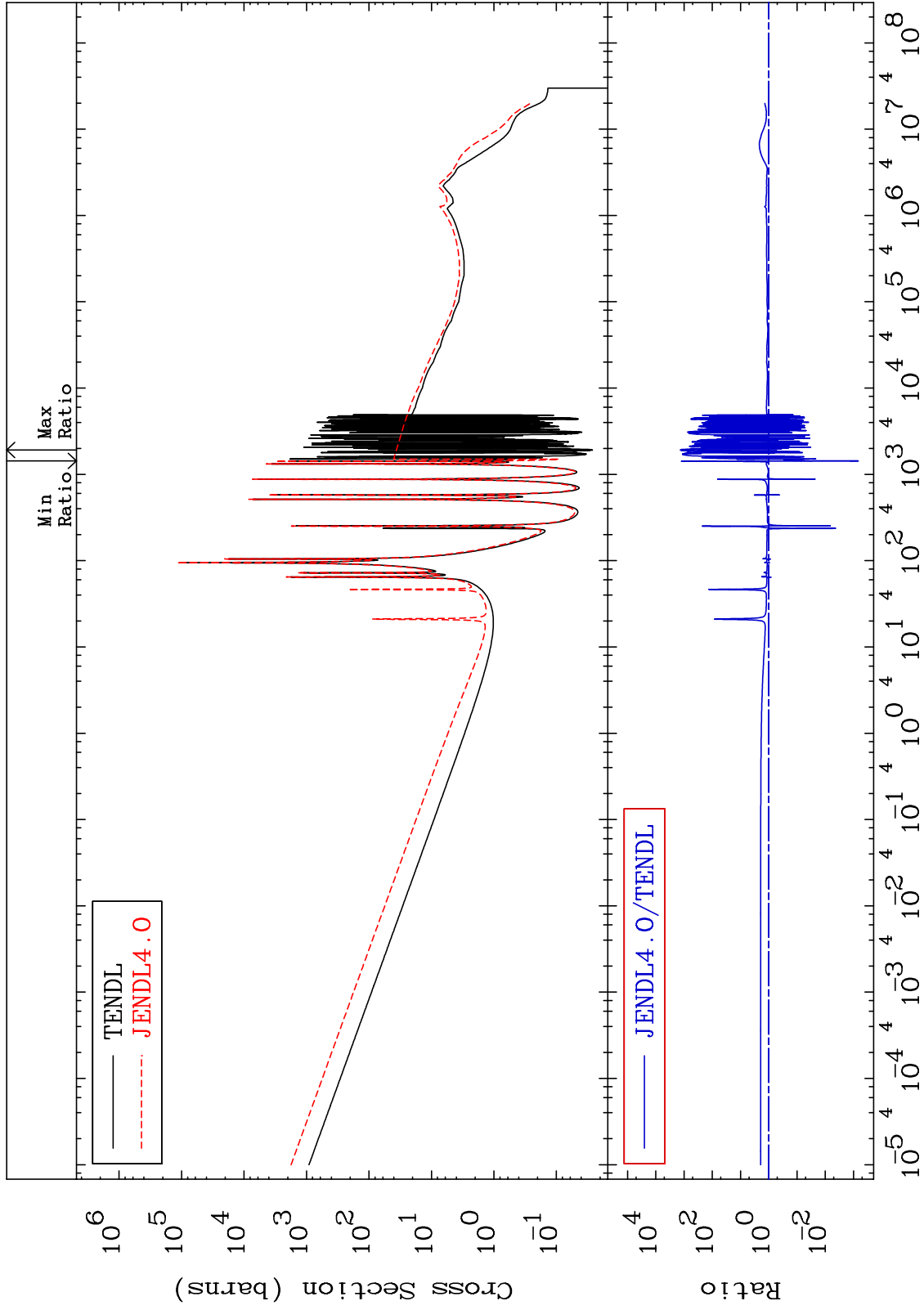
50-Sn-112  
-9999. To 74.58 %



MAT 5025

Kerma capture (mt102)  
Cross Section

50-Sn-112  
-99.93 To 9999. %



57

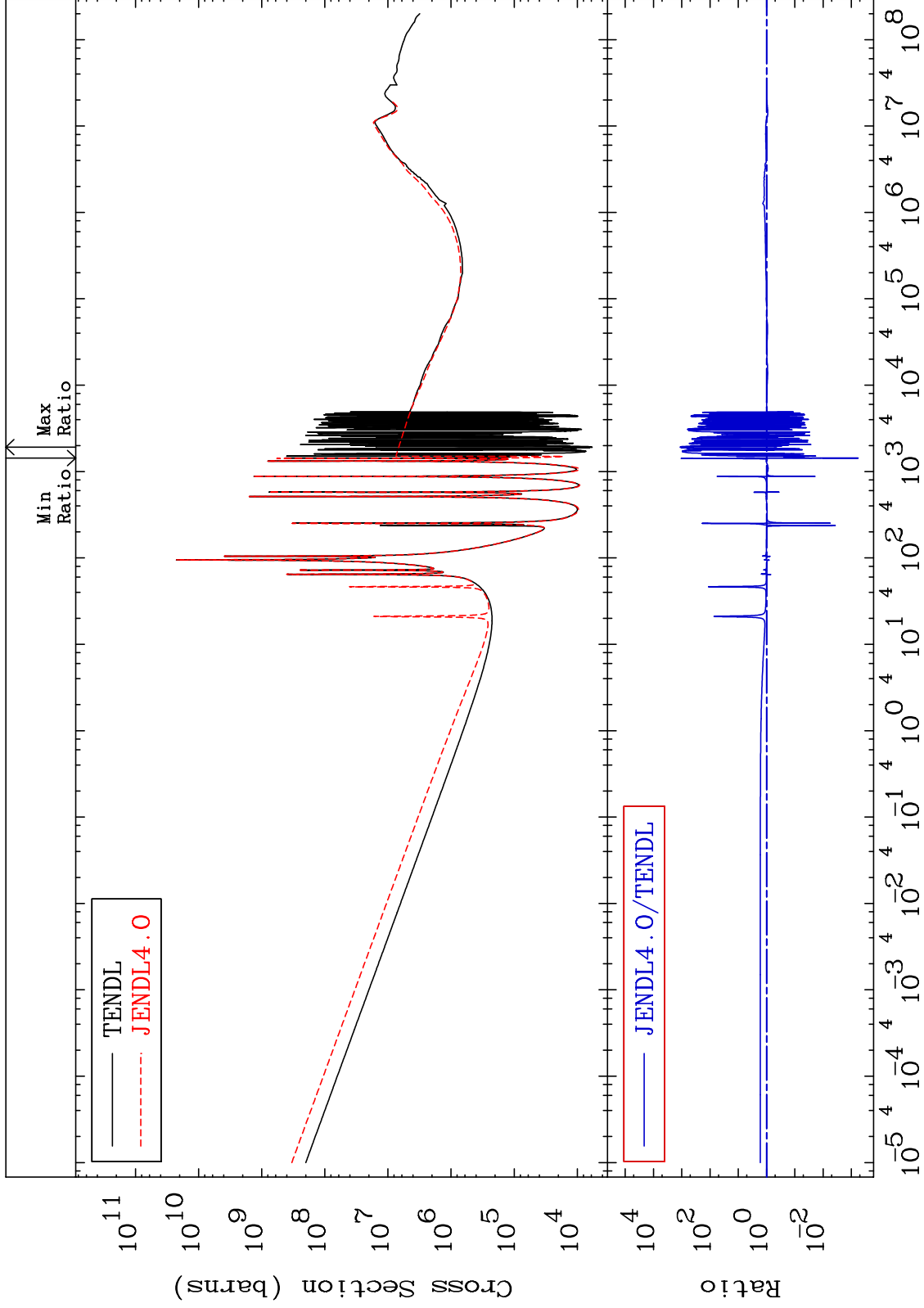
Incident Energy (eV)

50-Sn-112

MAT 5025

Total photon (eV-barns)  
Cross Section

50-Sn-112  
-99.94 To 9999. %



58

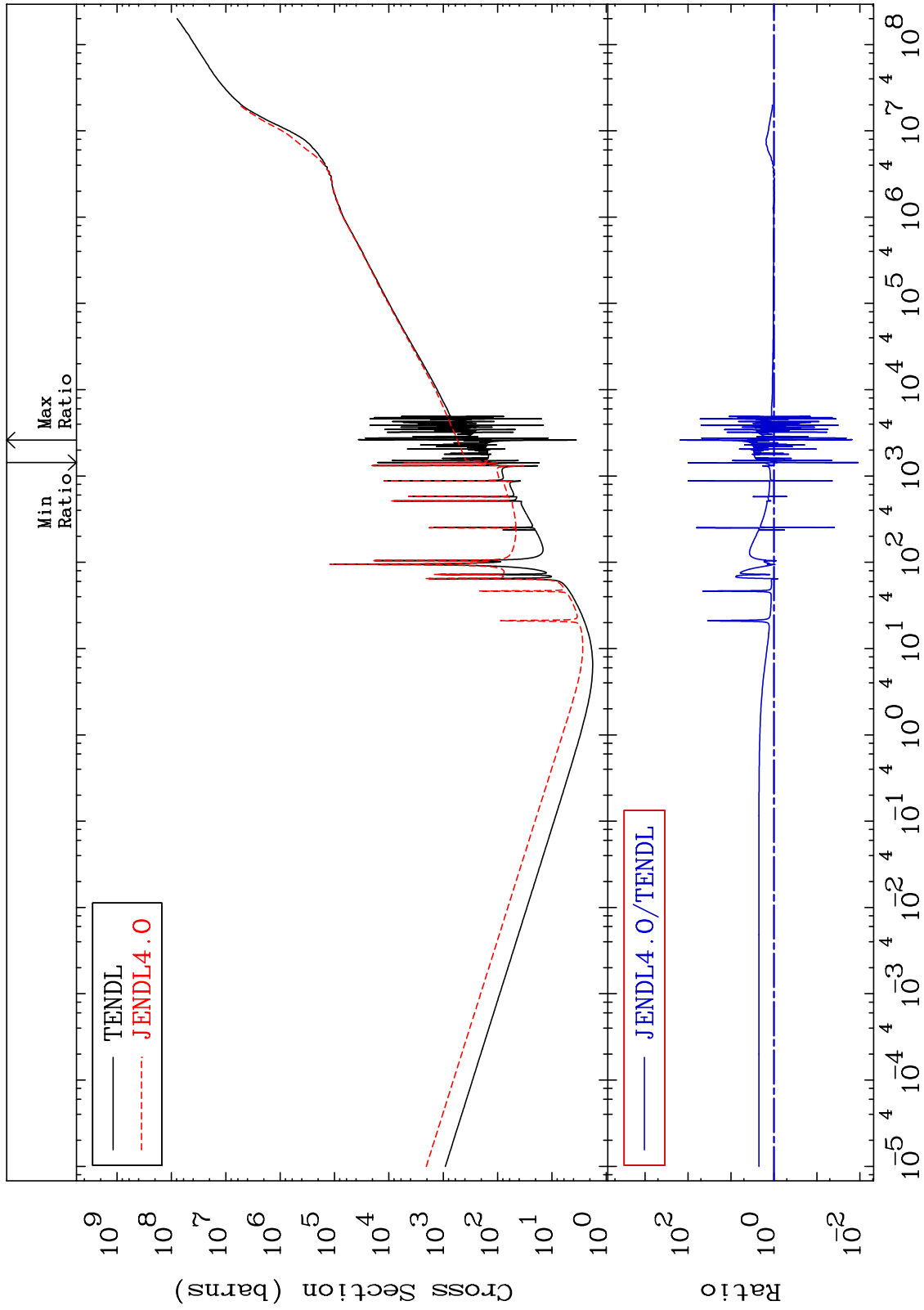
Incident Energy (eV)

50-Sn-112

MAT 5025

Total kinematic kerma (high limit)  
Cross Section

50-Sn-112  
-98.92 To 9999. %



59

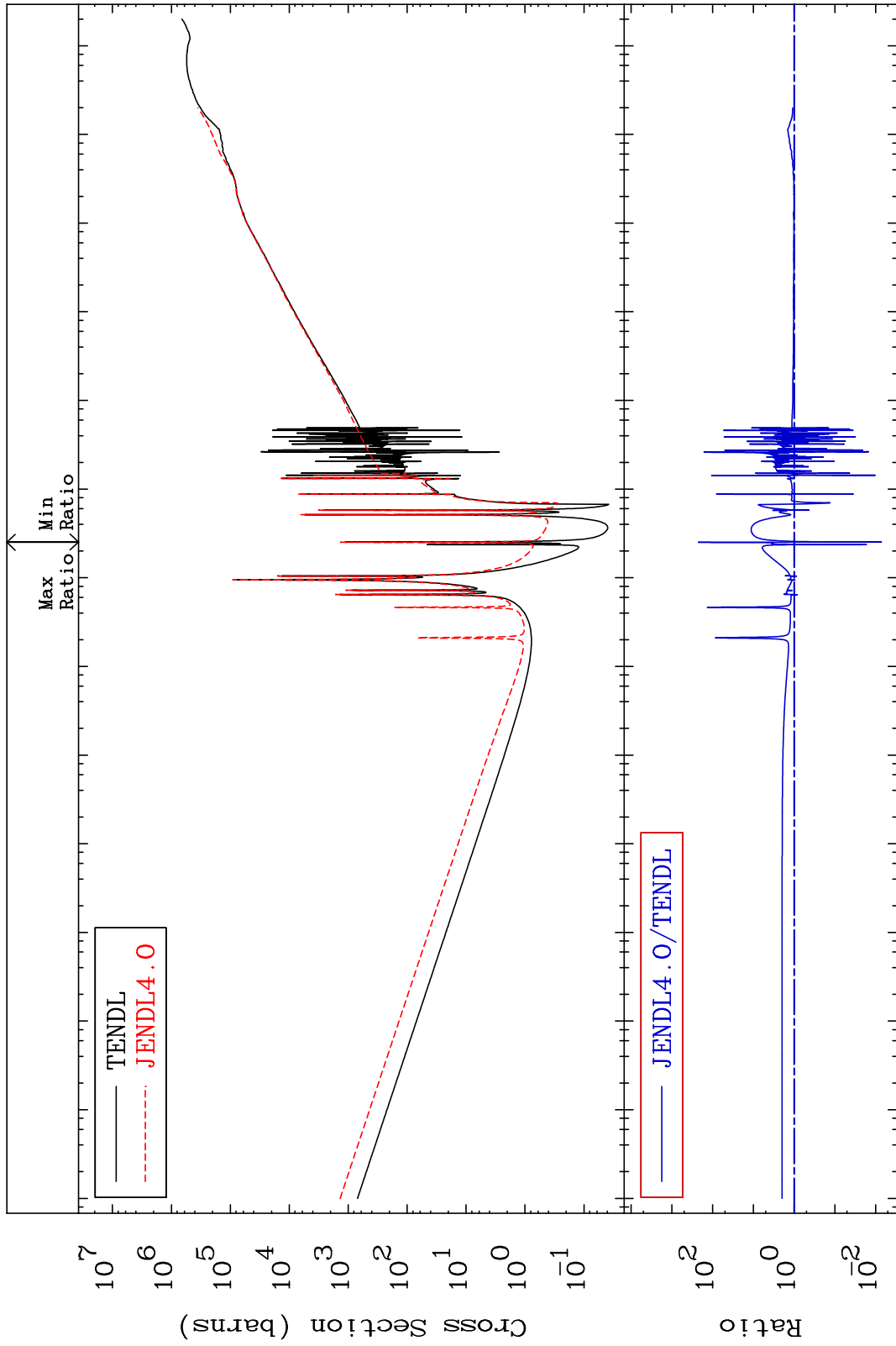
Incident Energy (eV)

50-Sn-112

MAT 5025

Dpa total (eV-barns)  
Cross Section

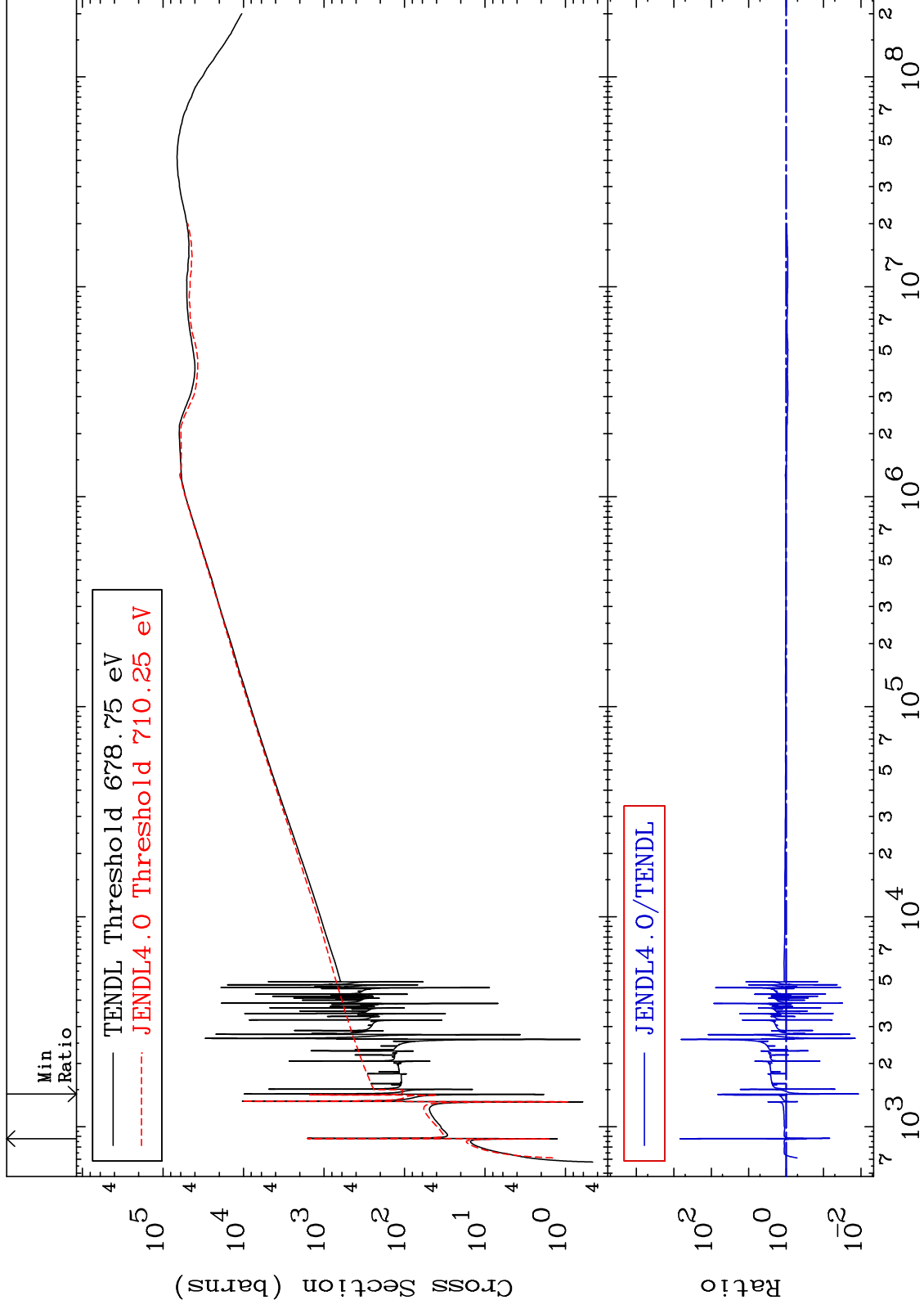
50-Sn-112  
-99.29 To 9999. %



MAT 5025

Dpa elastic (mt2)  
Cross Section

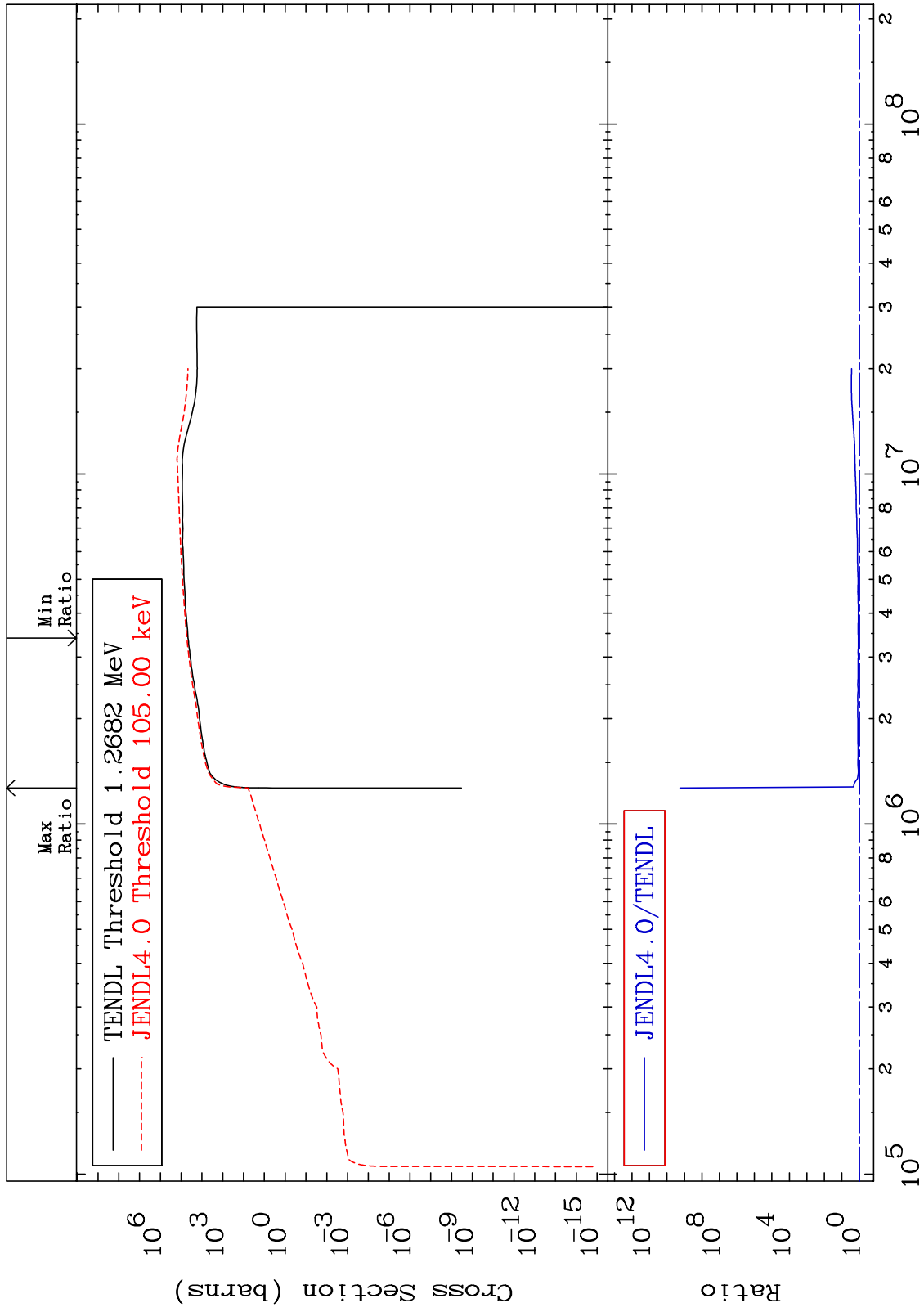
50-Sn-112  
-98.83 To 9999. %



MAT 5025

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-112  
12.60 To 9999. %



62

Incident Energy (eV)

50-Sn-112

MAT 5025

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-112  
-99.92 To 9999. %

