

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

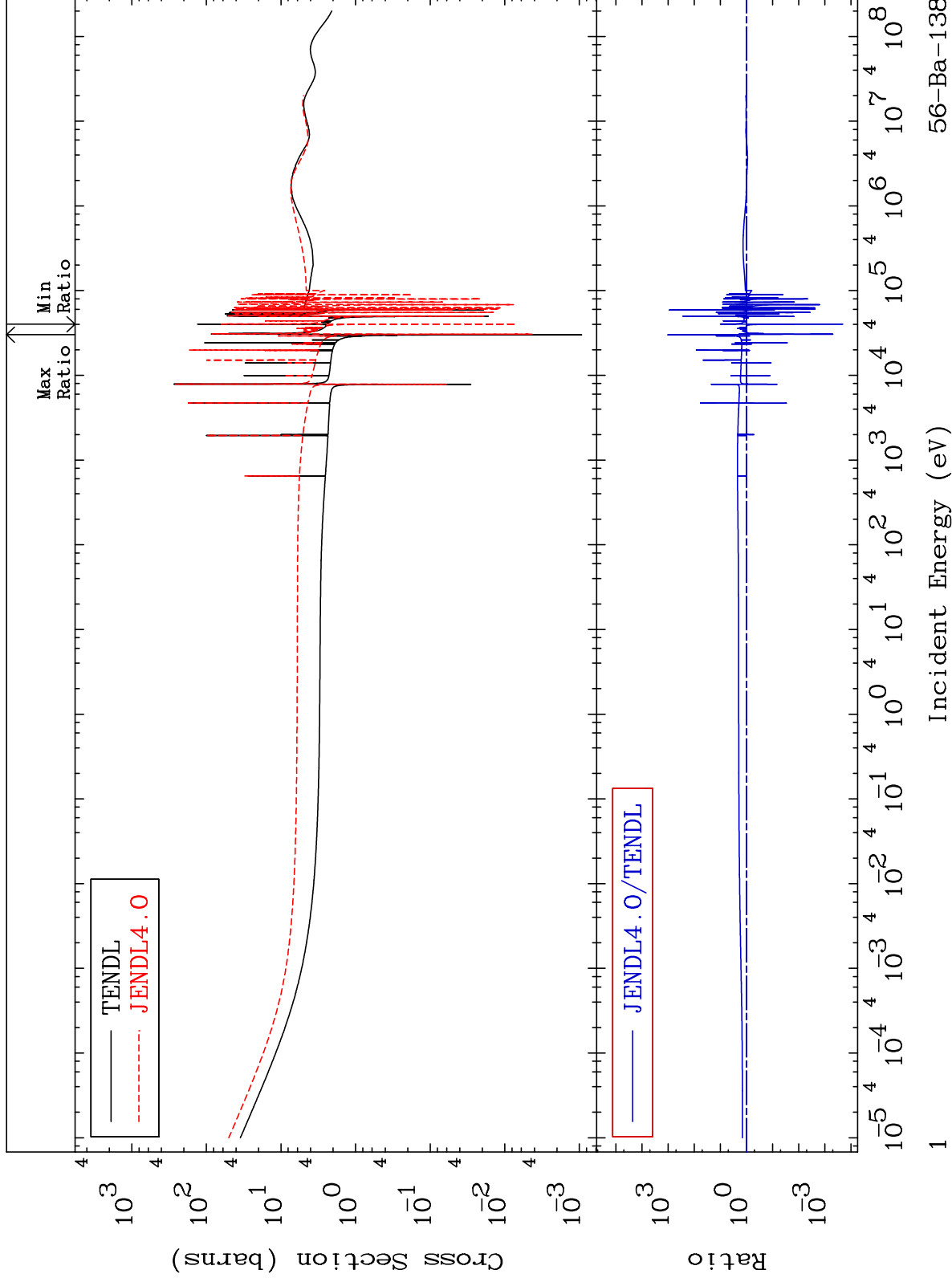
MAT 5649

Total

56-Ba-138

Cross Section

-99.98 To 9999. %



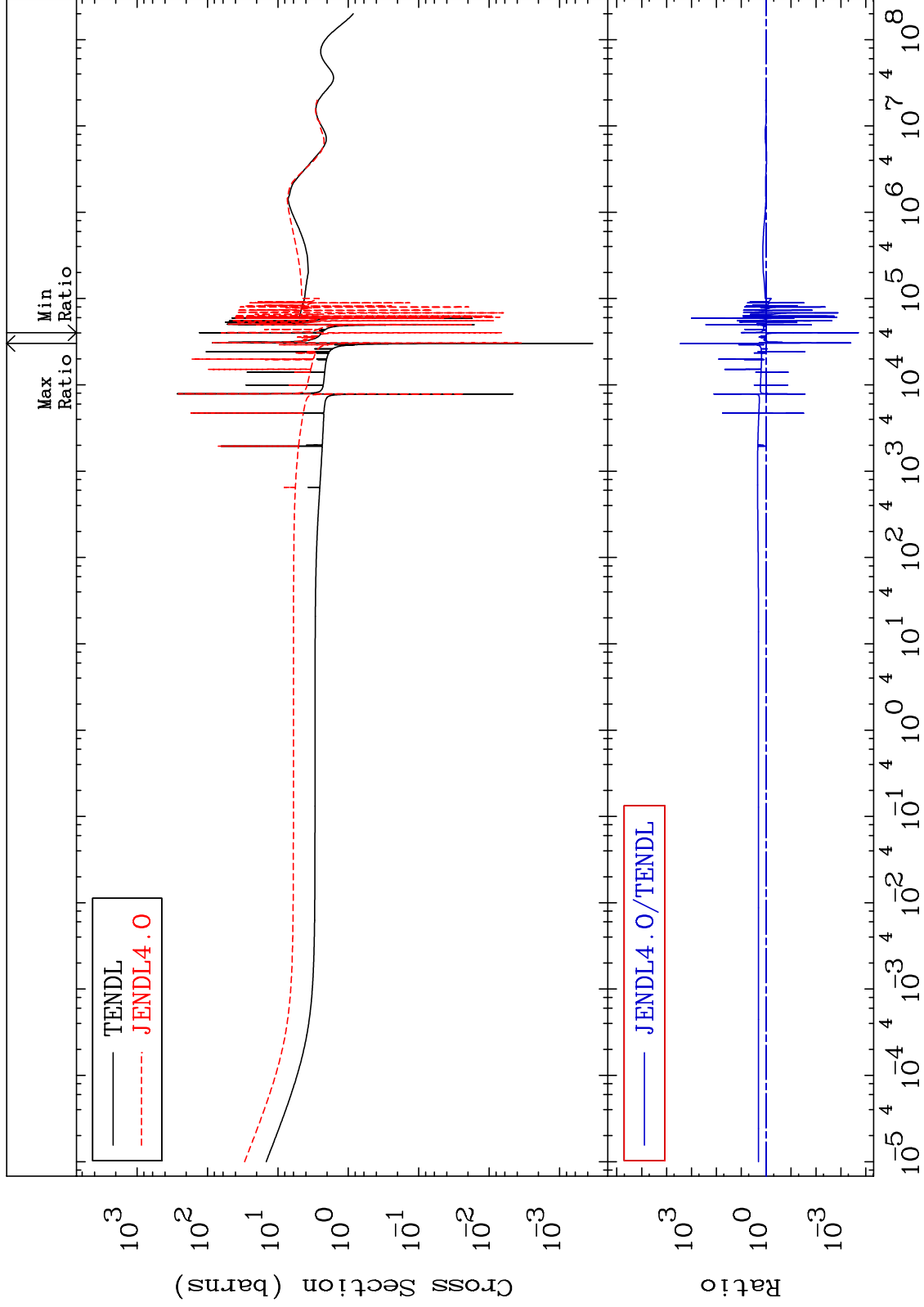
Incident Energy (eV)

56-Ba-138

MAT 5649

Elastic
Cross Section

56-Ba-138
-99.98 To 9999. %



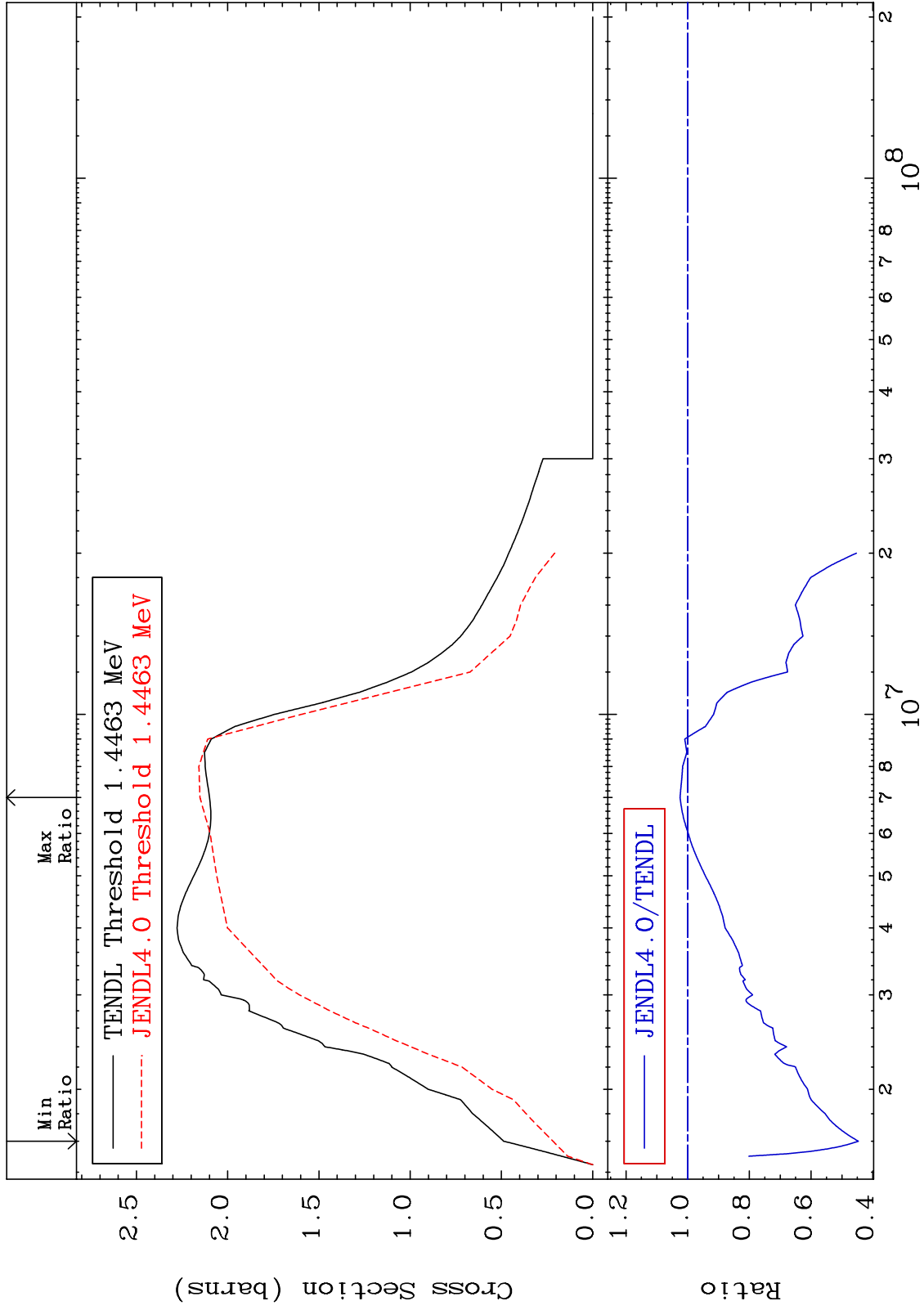
MAT 5649

Inelastic

56-Ba-138

Cross Section

-55.34 To 2.486 %



3

Incident Energy (eV)

56-Ba-138

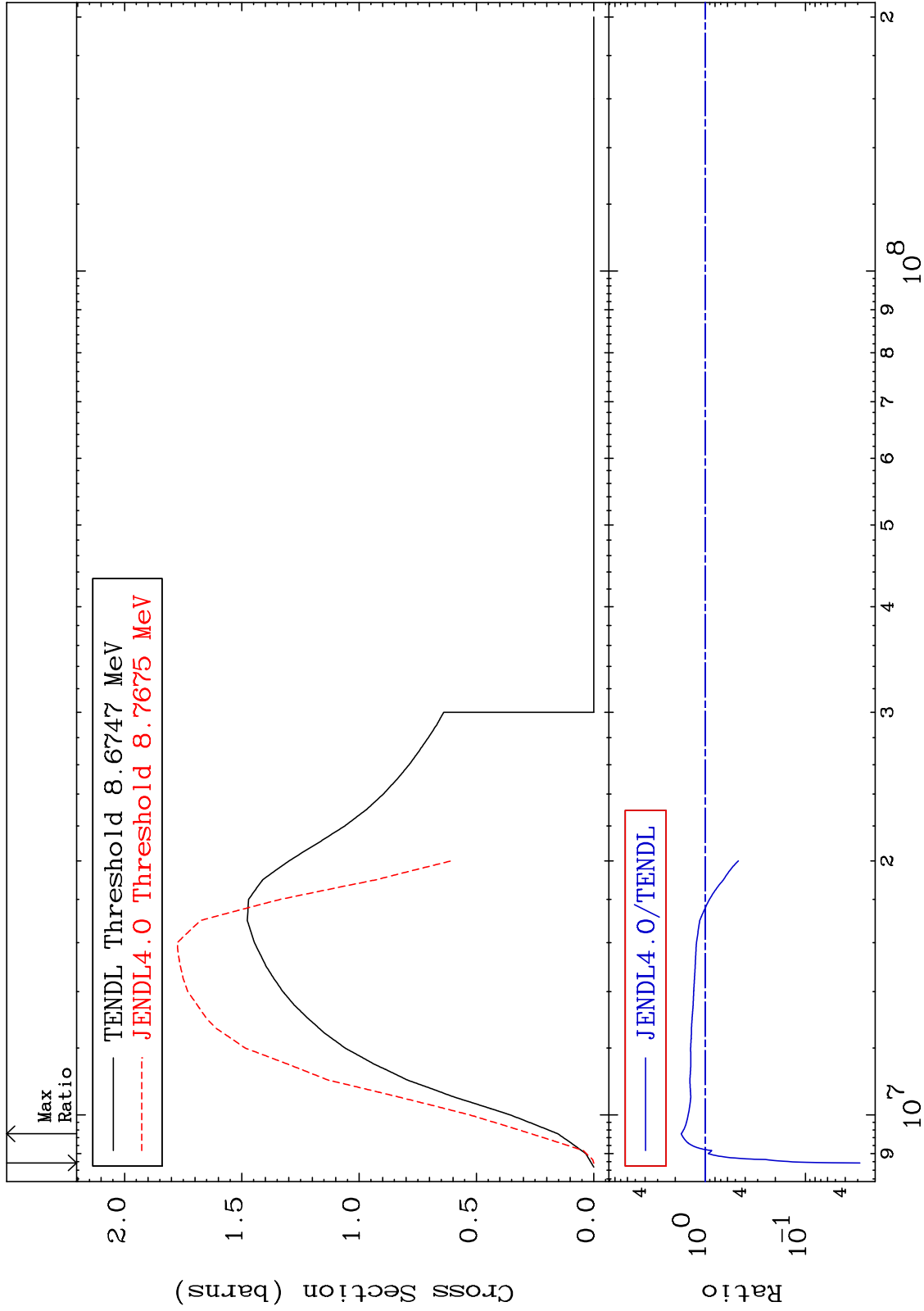
MAT 5649

(n,2n)

56-Ba-138

Cross Section

-97.15 To 73.98 %



4

Incident Energy (eV)

56-Ba-138

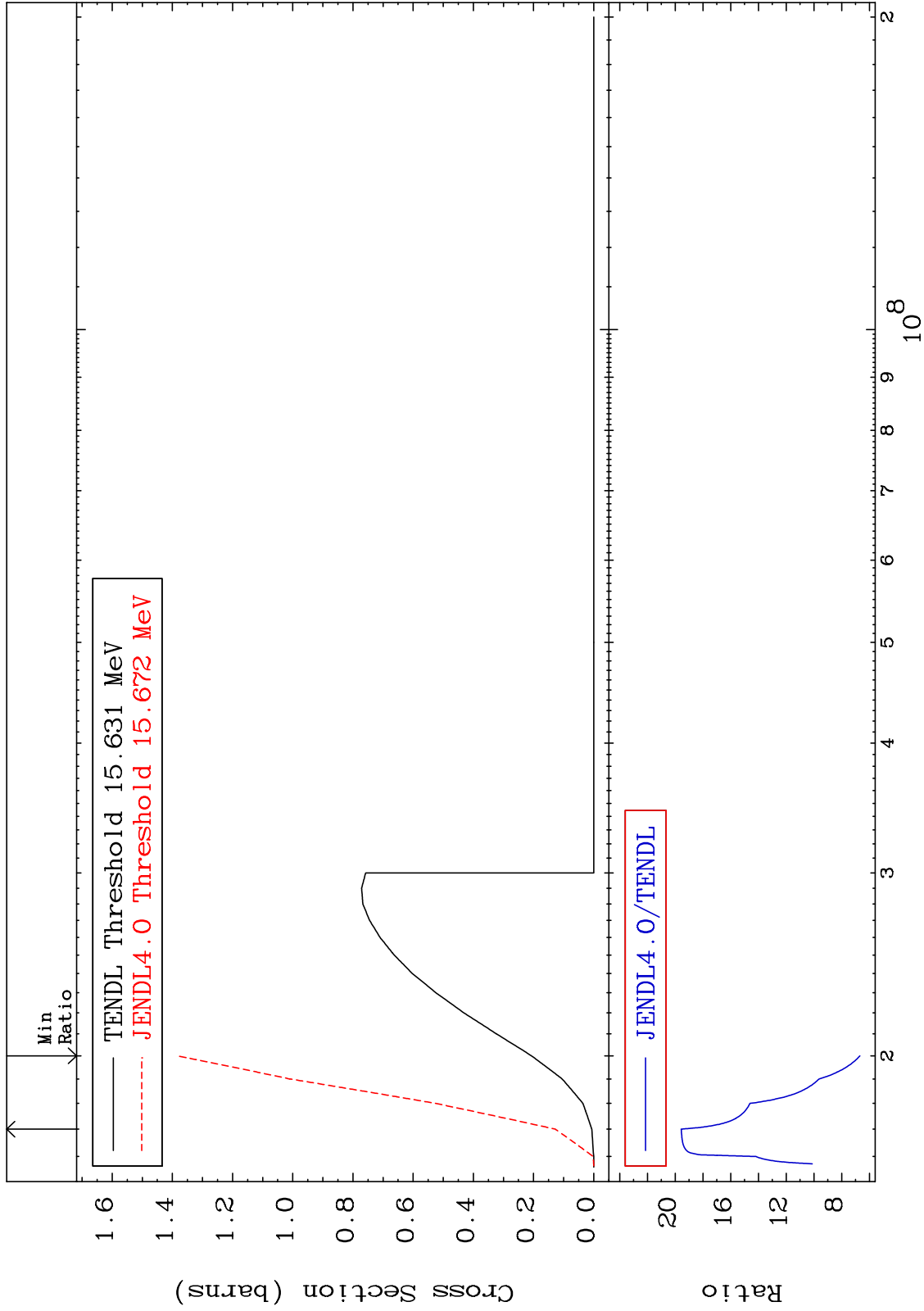
MAT 5649

(n,3n)

56-Ba-138

Cross Section

568.9 To 1856. %



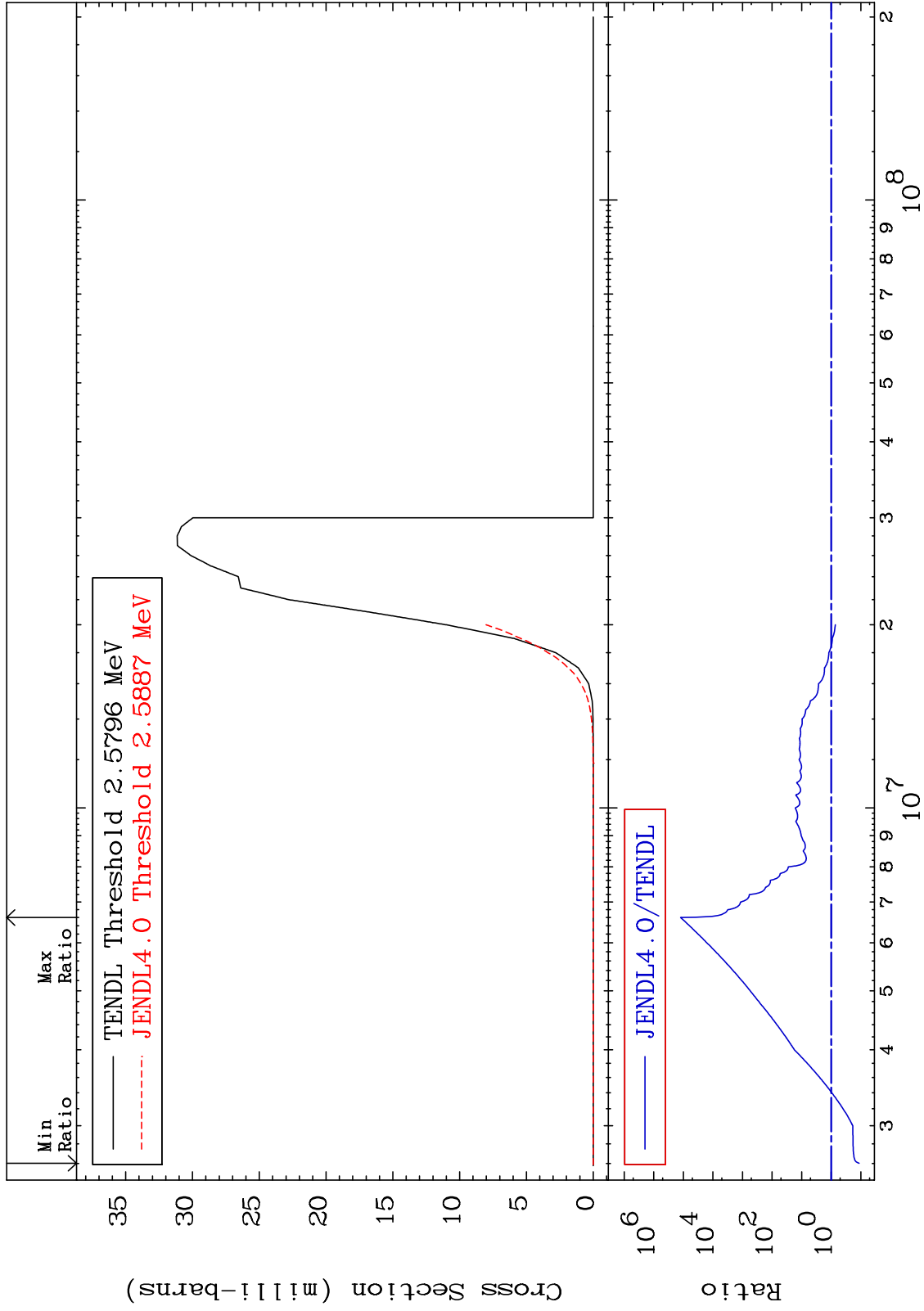
MAT 5649

(n,n') α

56-Ba-138

Cross Section

-88.67 To 9999. %



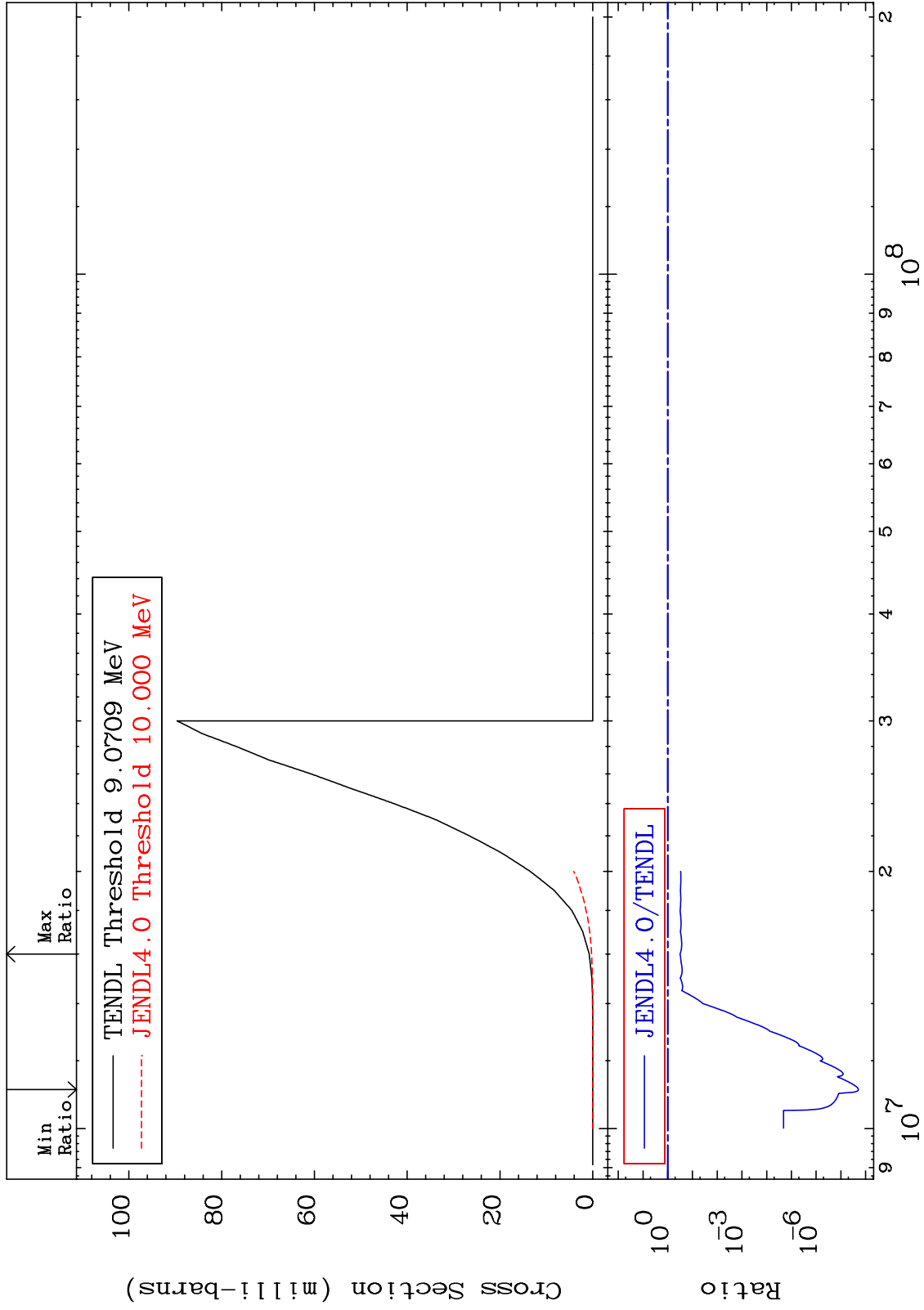
MAT 5649

(n,n') p

56-Ba-138

Cross Section

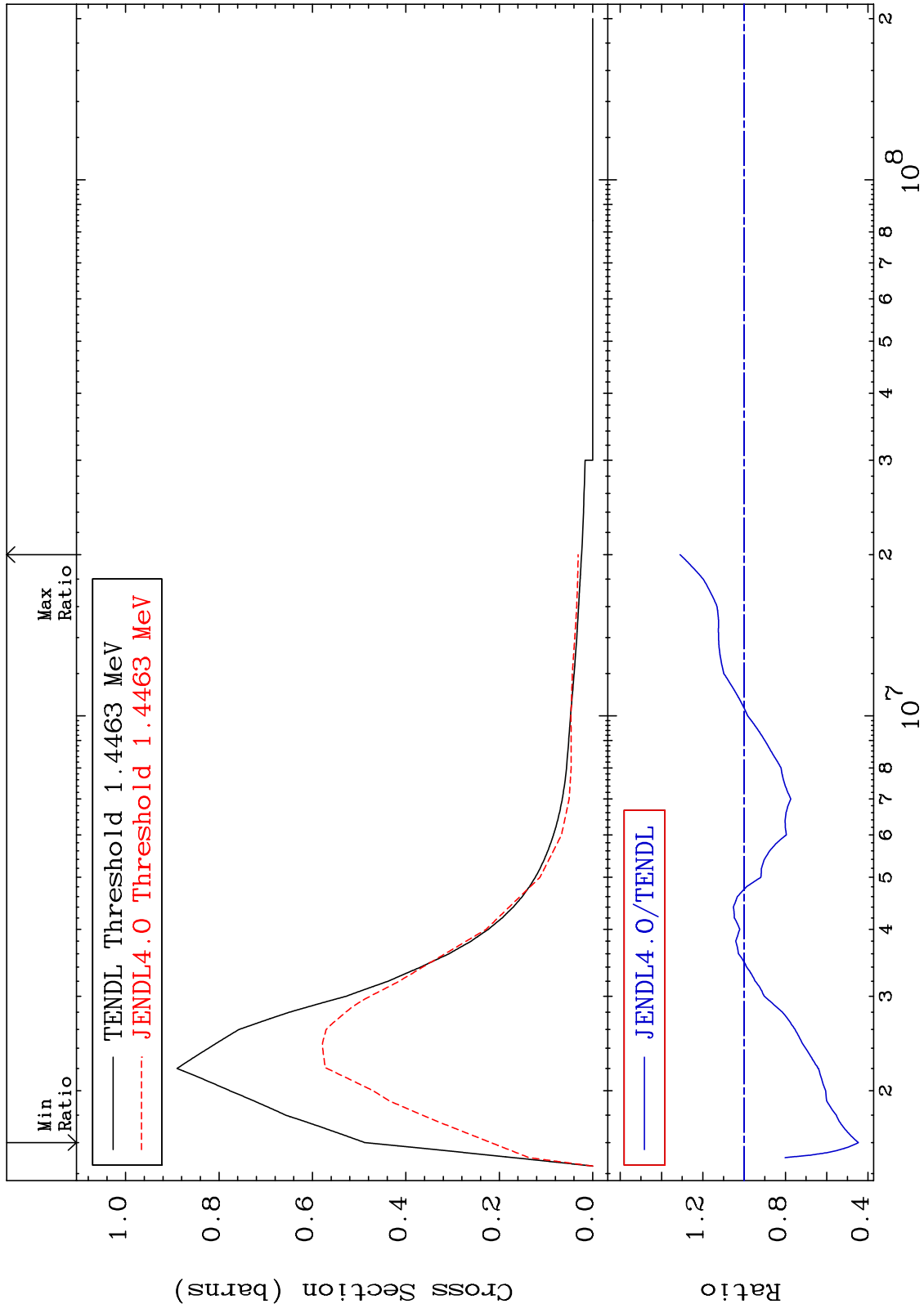
-100.0 To -68.08%



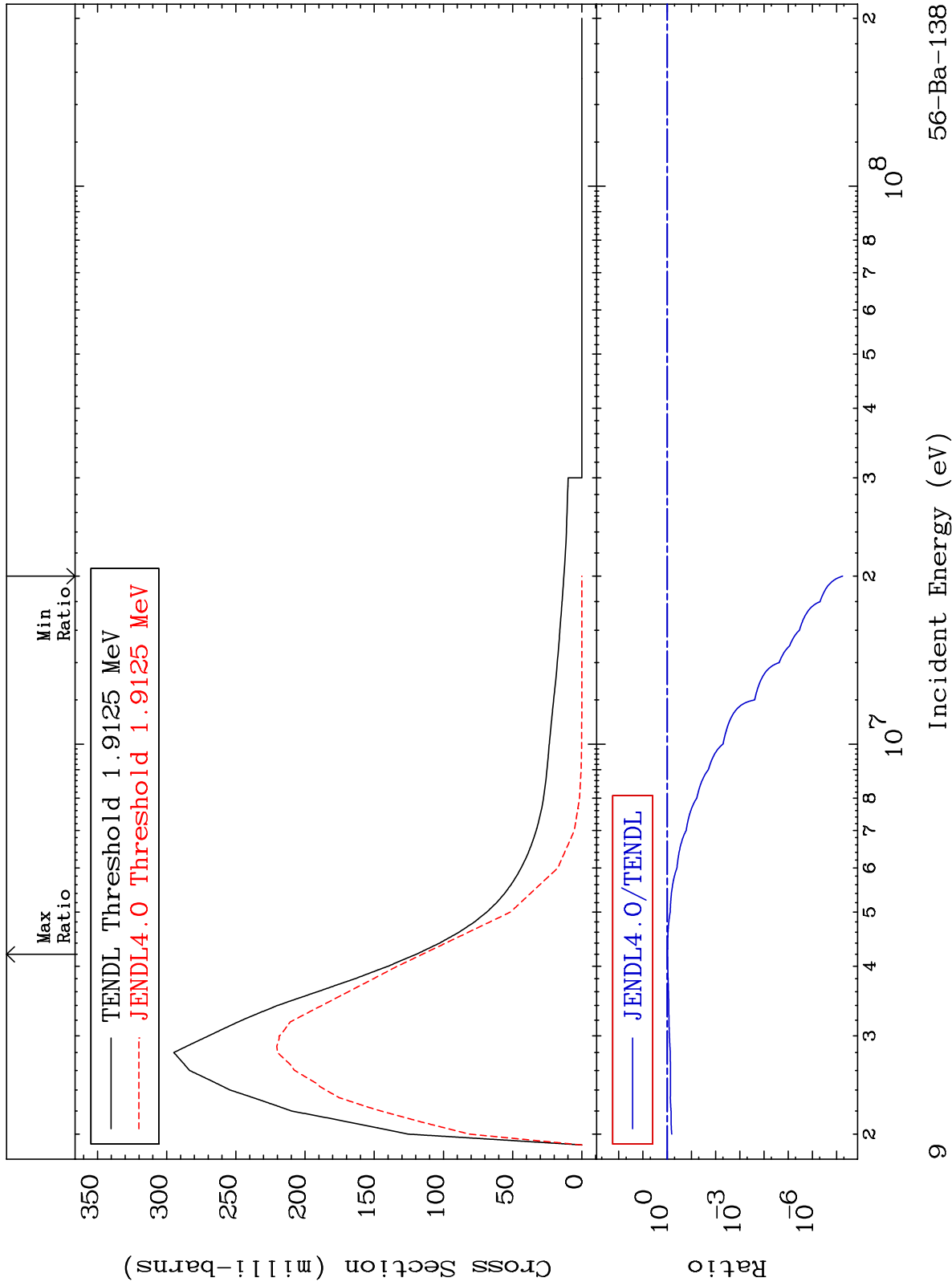
Incident Energy (eV)

56-Ba-138

MAT 5649 MT= 51 (n,n') Level 56-Ba-138
 Cross Section -55.34 To 31.04 %



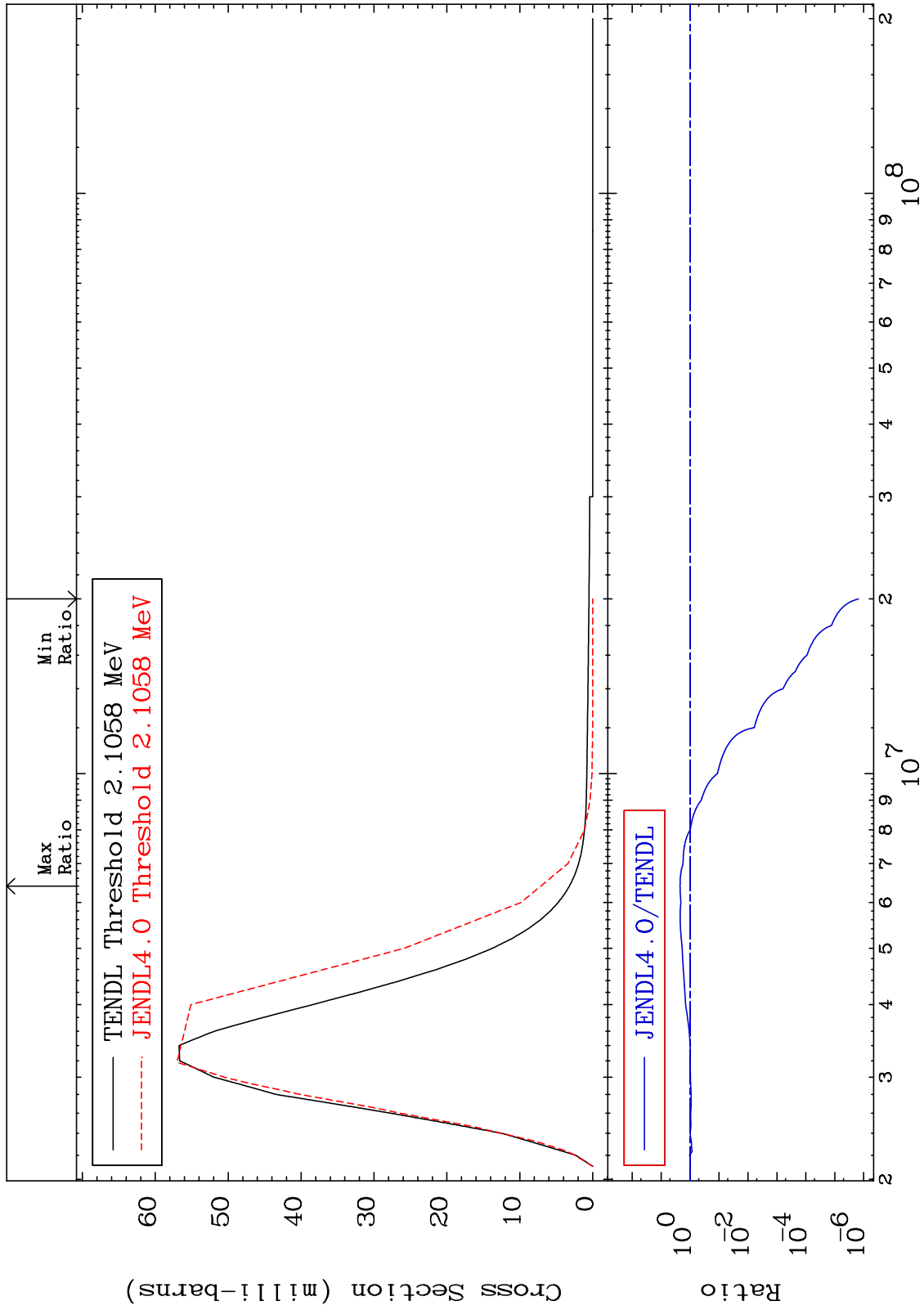
MAT 5649 MT= 52 (n,n') Level Cross Section 56-Ba-138 -100.0 To -3.605%



MAT 5649

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

56-Ba-138
-100.0 To 123.2 %



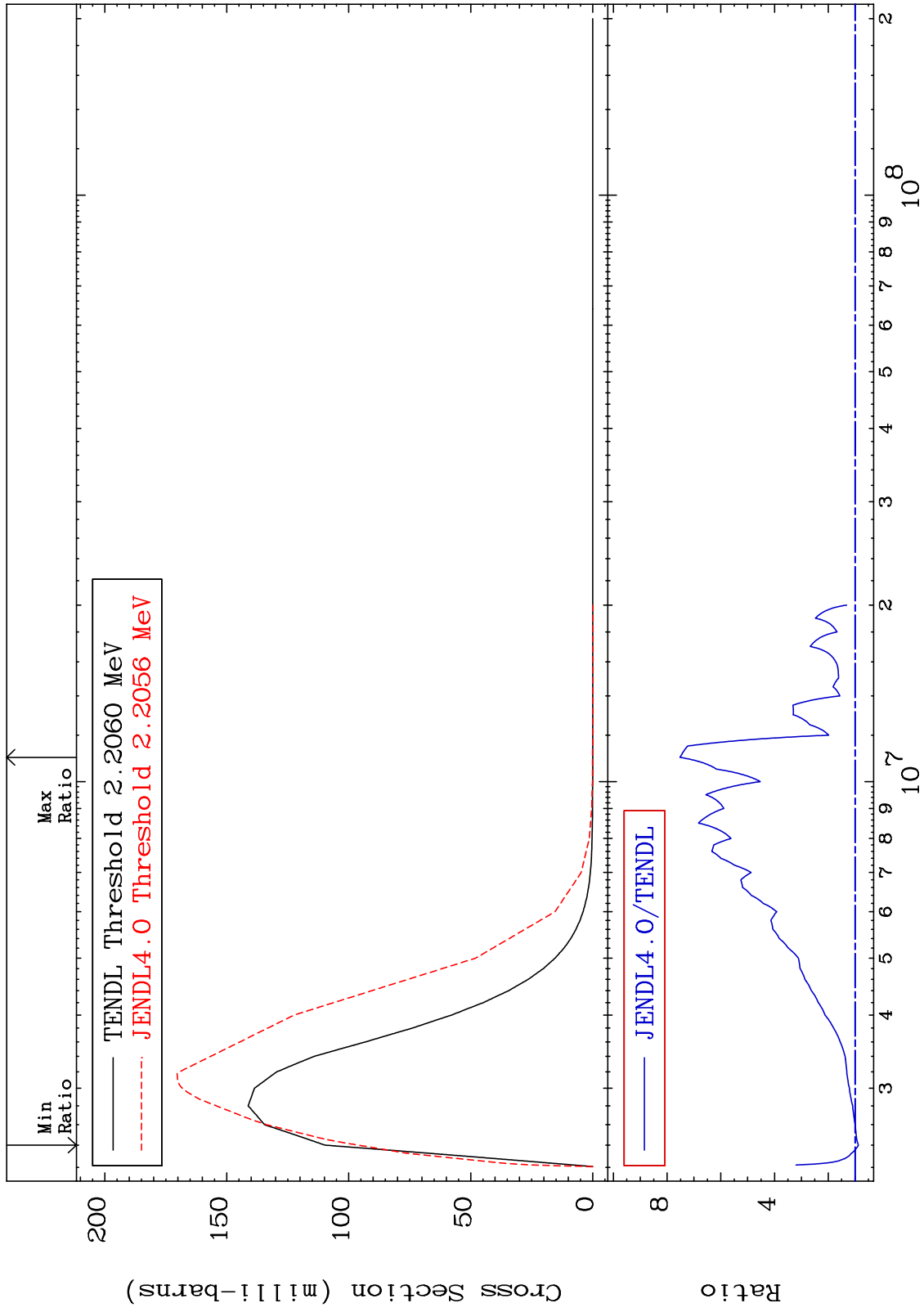
10

Incident Energy (eV)

56-Ba-138

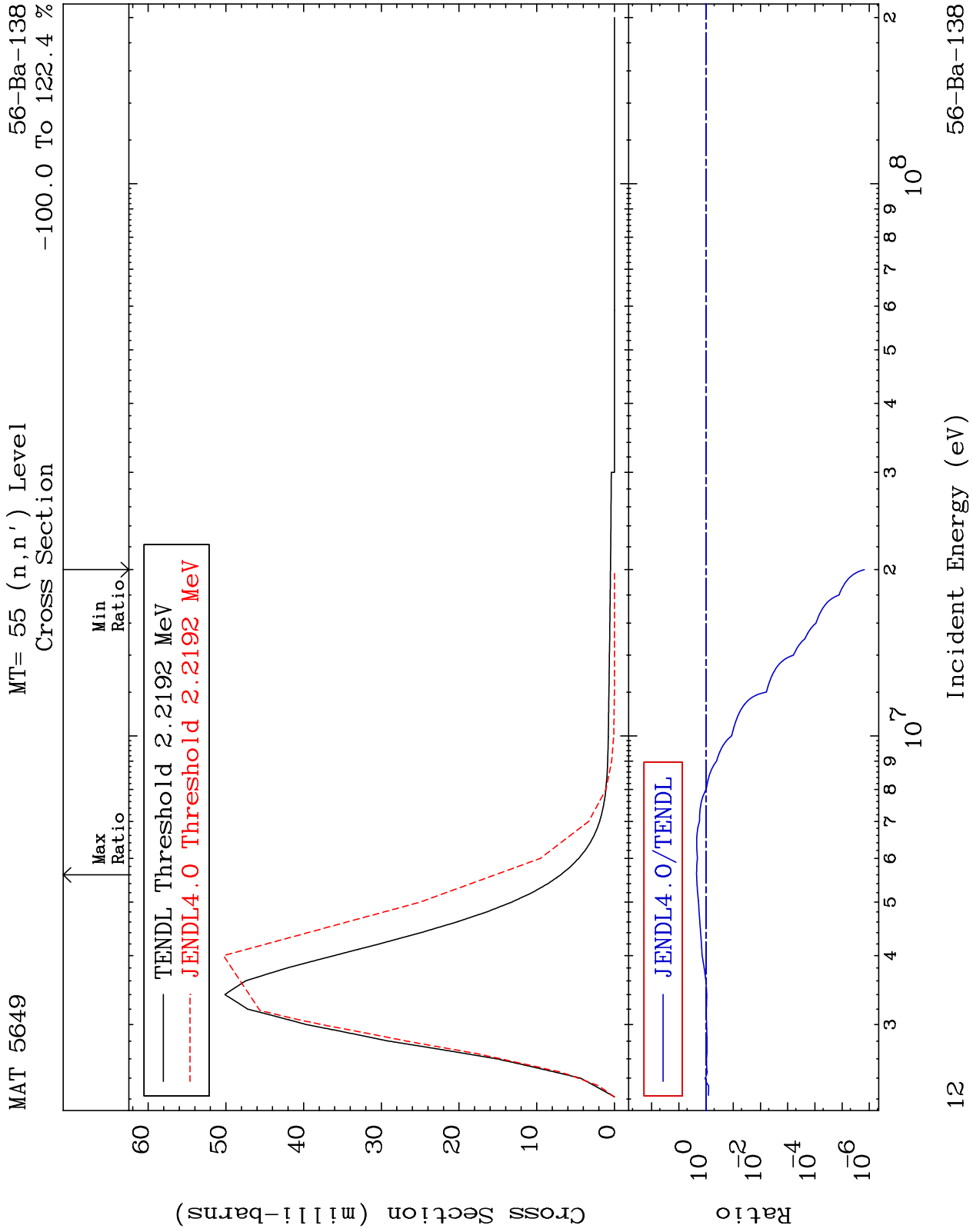
MAT 5649 MT= 54 (n,n') Level
Cross Section

56-Ba-138
-12.48 To 651.9 %



56-Ba-138

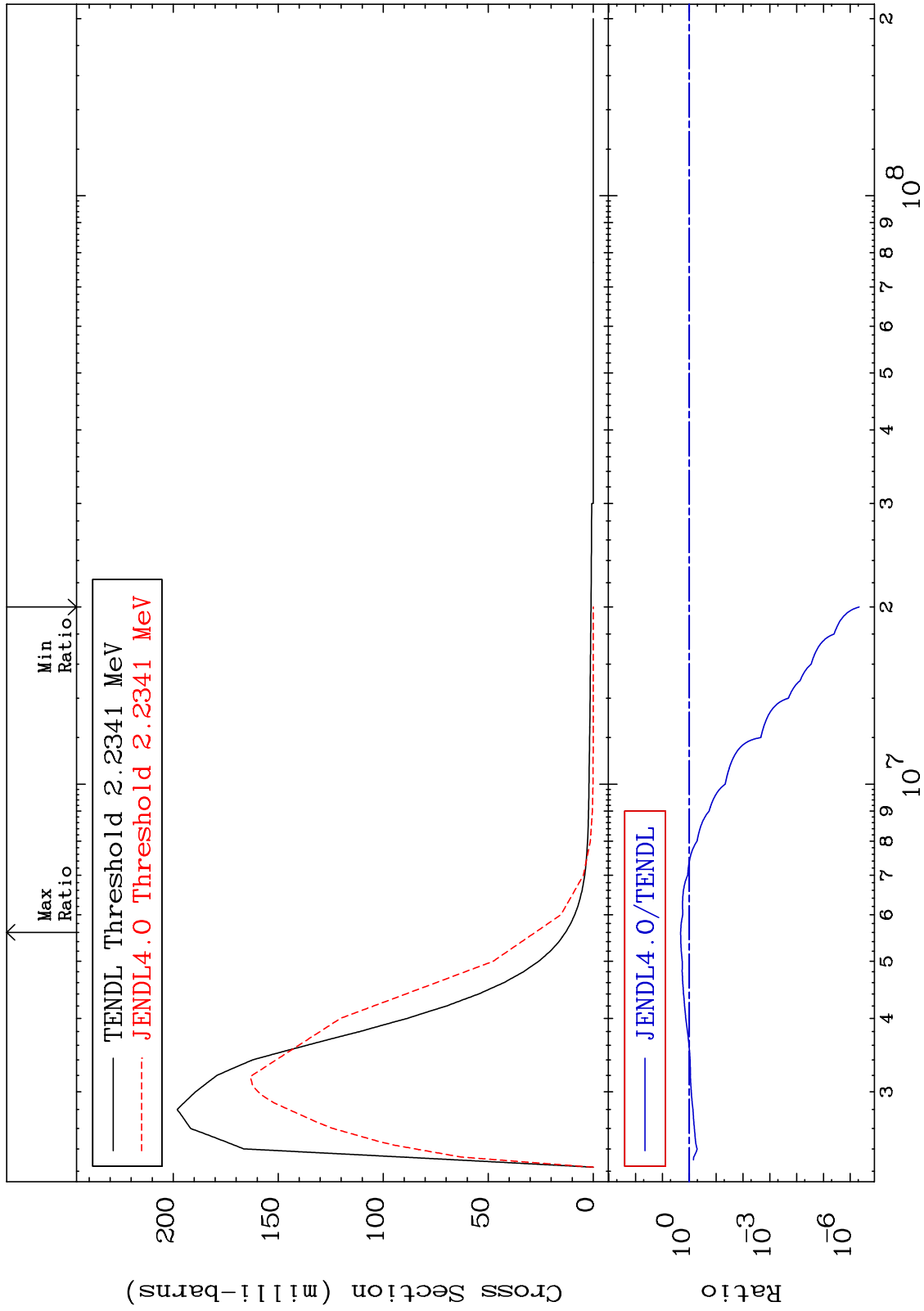
Incident Energy (eV)



MAT 5649

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

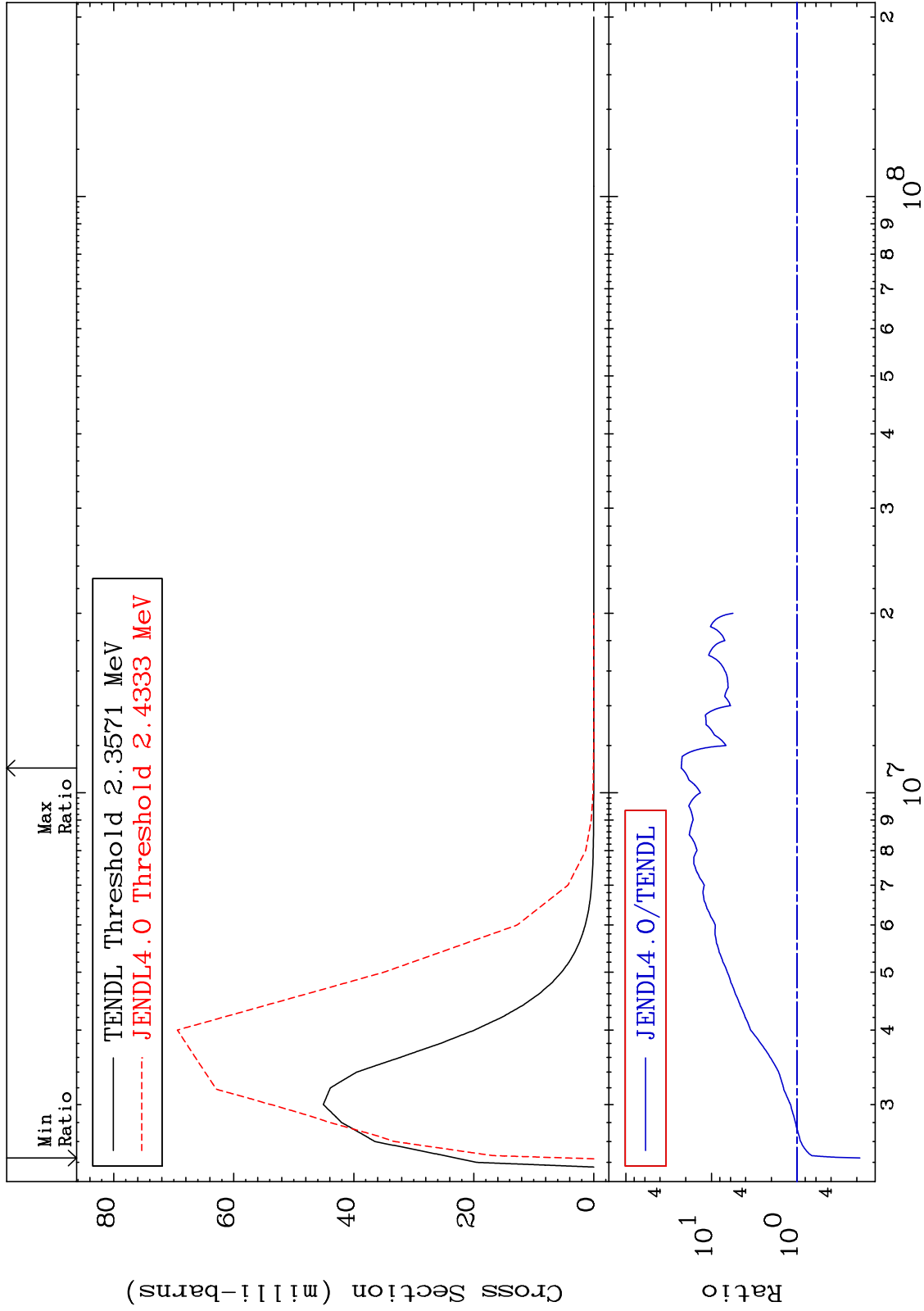
56-Ba-138
-100.0 To 110.1 %



MAT 5649

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

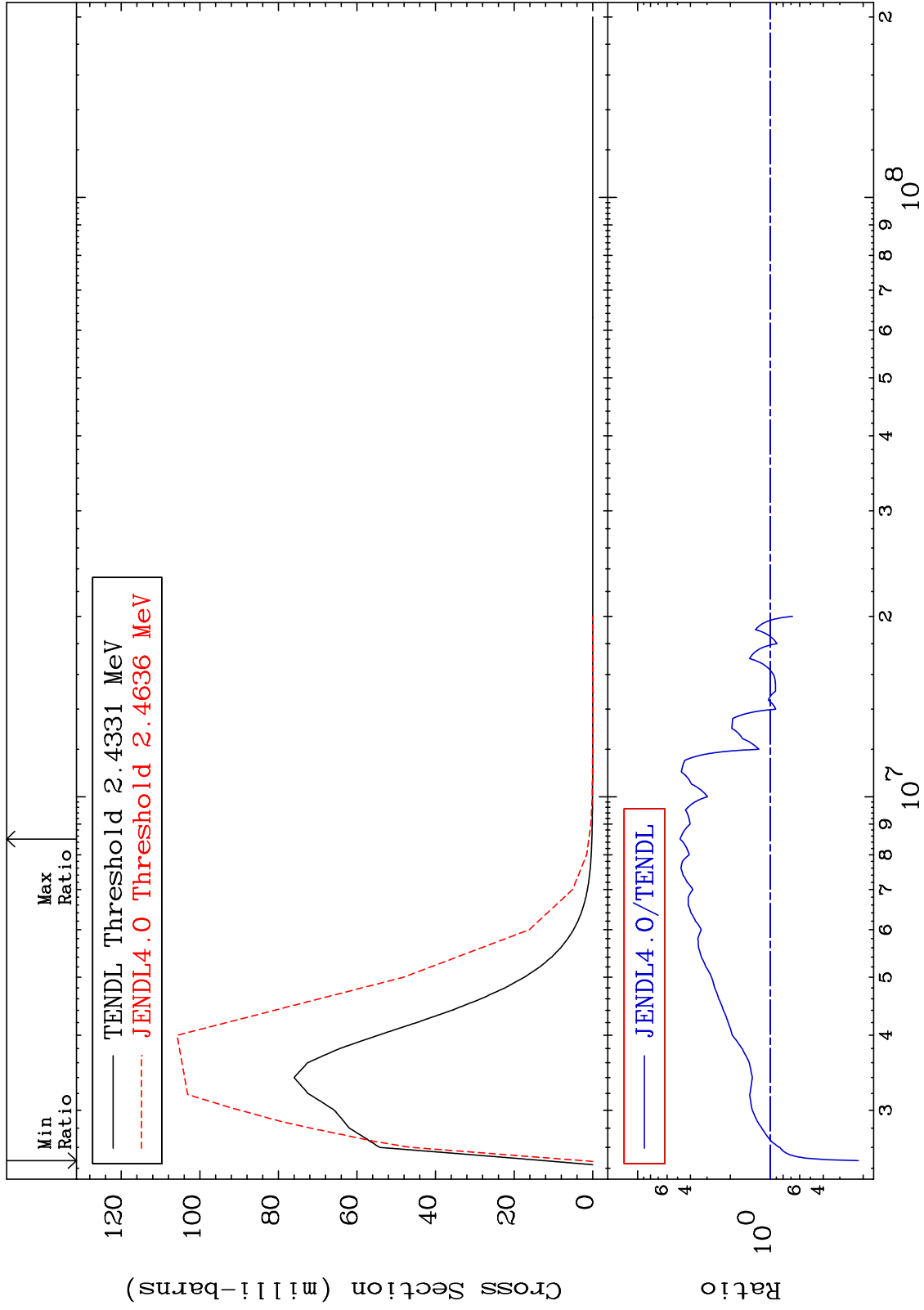
56-Ba-138
-81.58 To 2157. %



MAT 5649

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

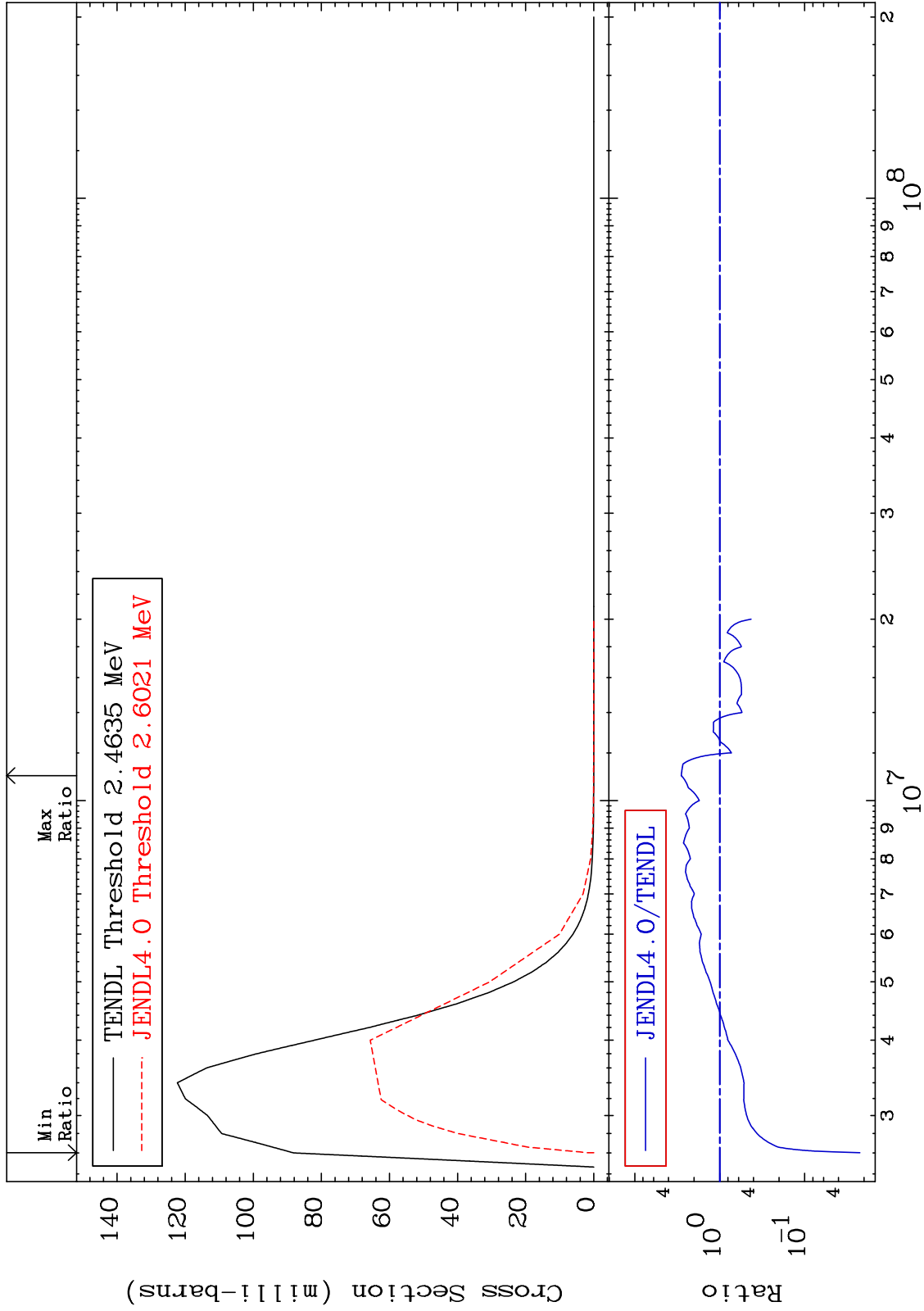
56-Ba-138
-78.31 To 379.4 %



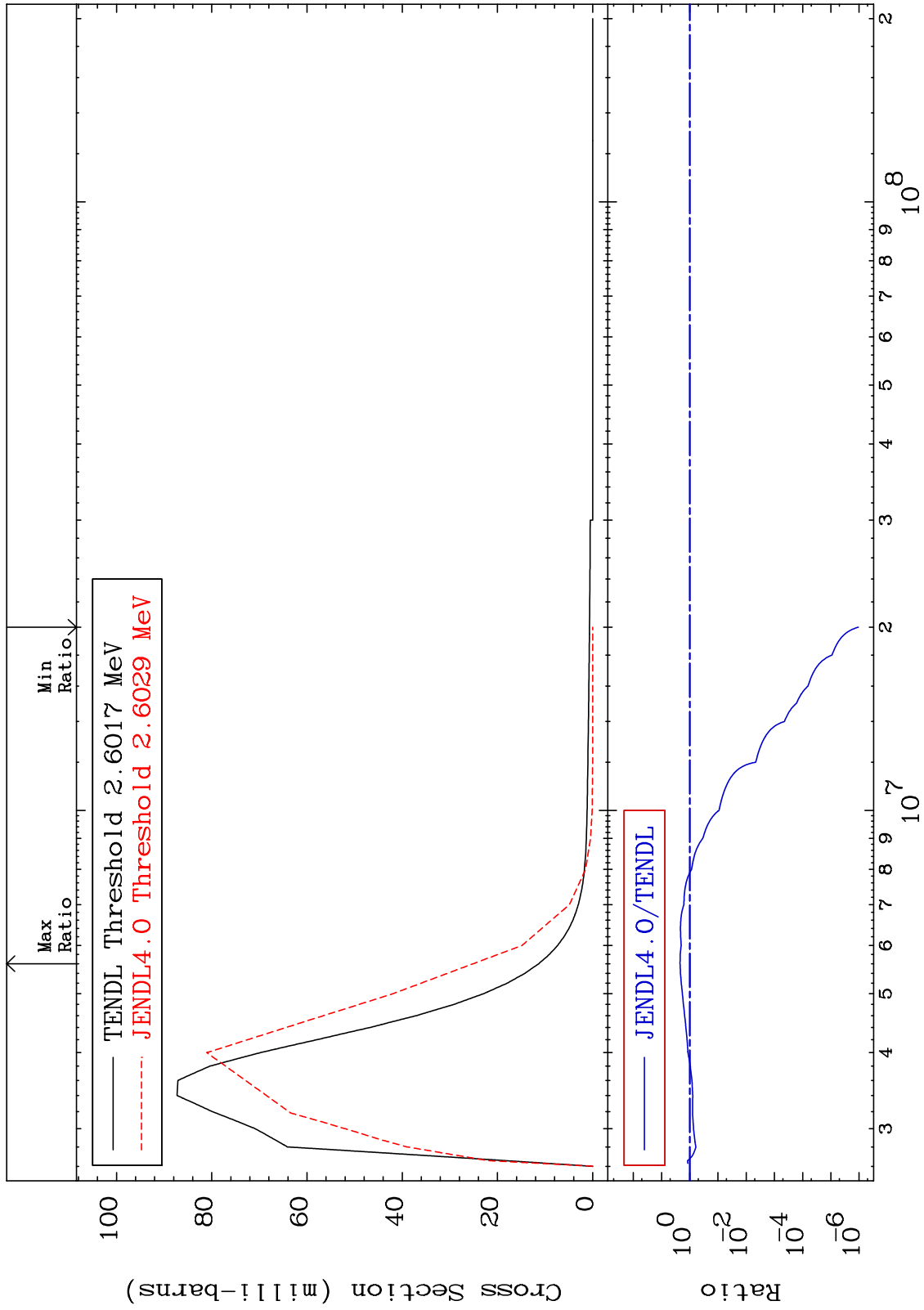
MAT 5649

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

56-Ba-138
-97.76 To 183.9 %



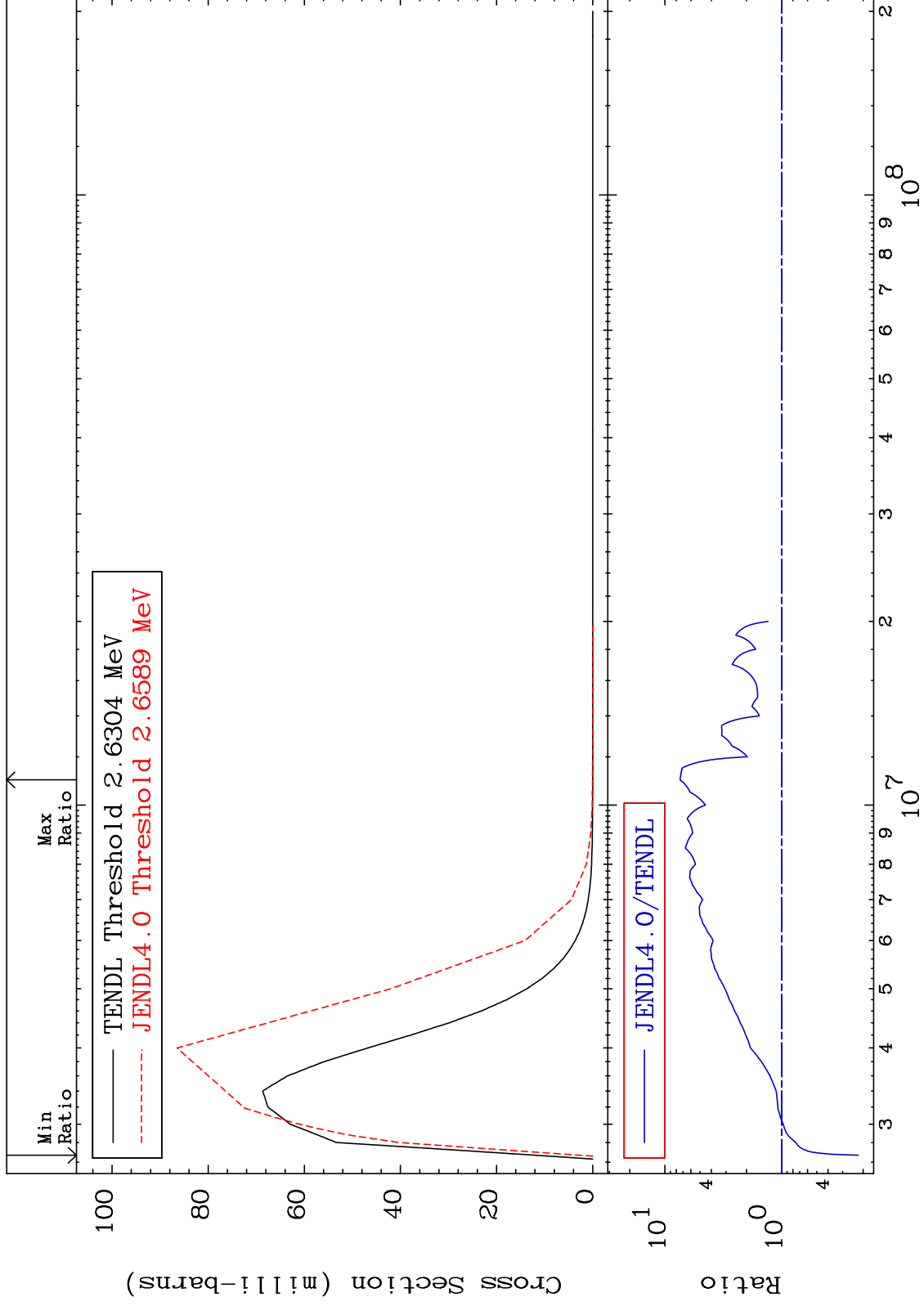
MAT 5649 MT= 61 (n,n') Level Cross Section 56-Ba-138
 -100.0 To 121.6 %



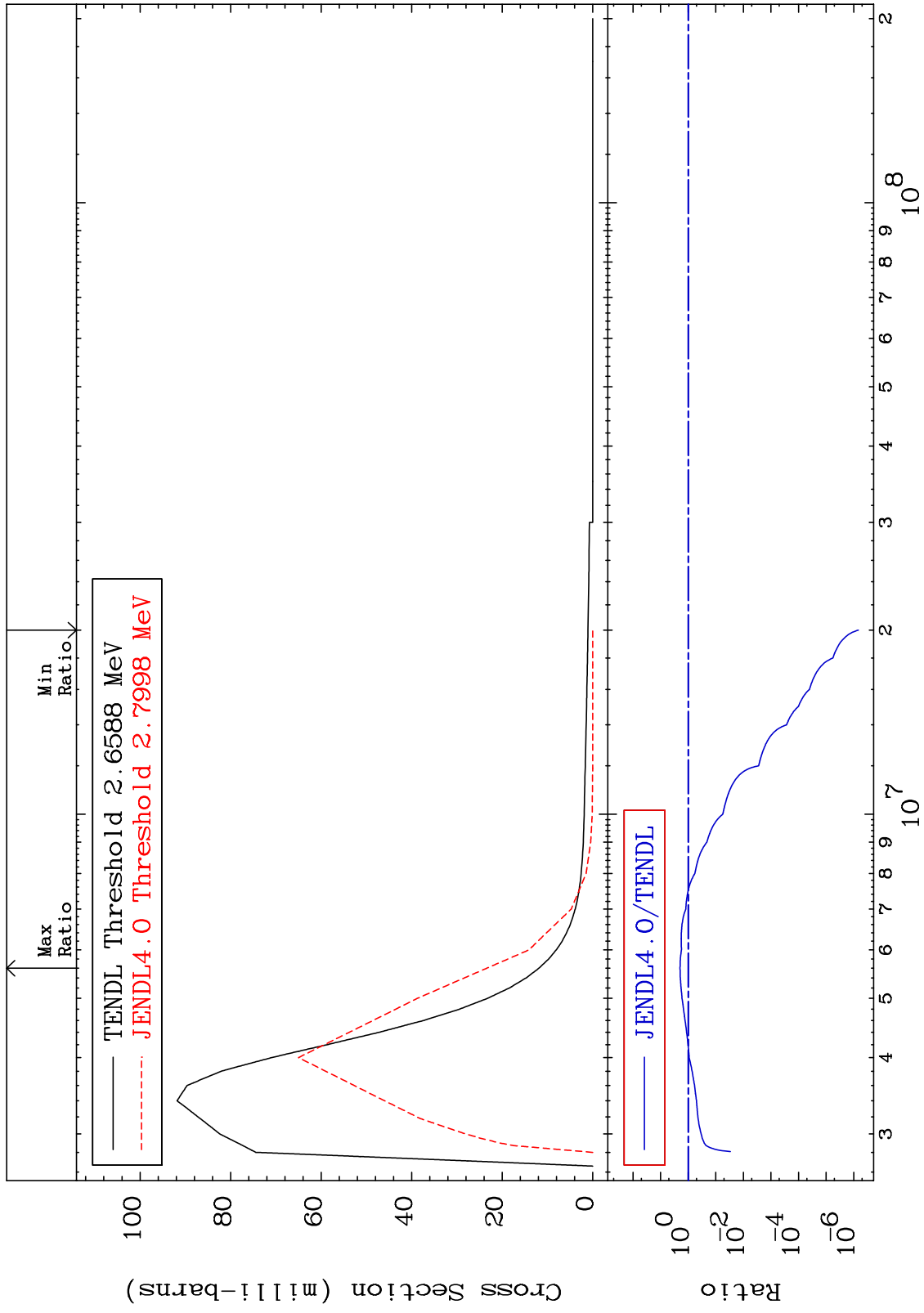
MAT 5649

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

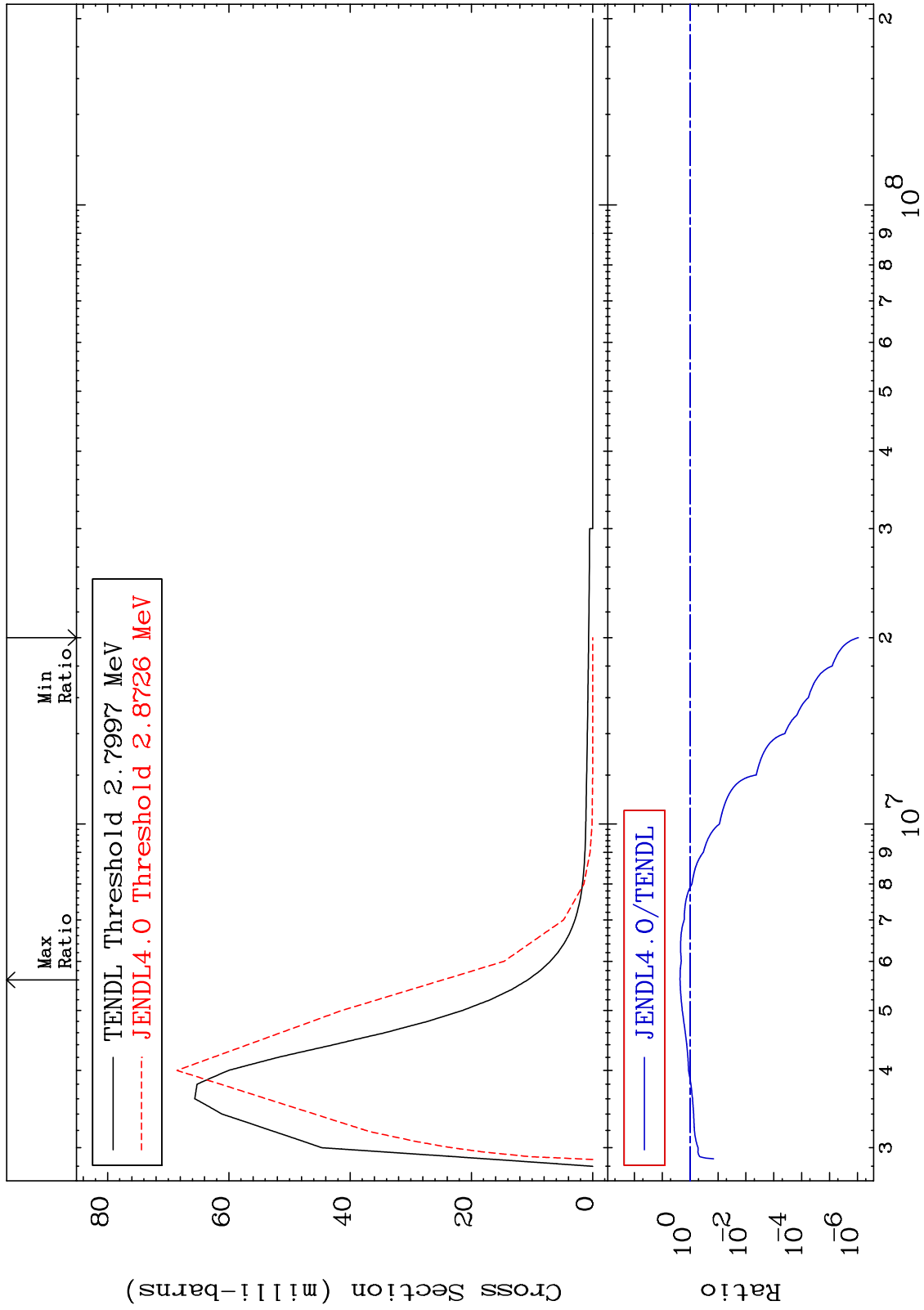
56-Ba-138
-78.03 To 643.3 %



MAT 5649 MT= 63 (n,n') Level 56-Ba-138
 Cross Section -100.0 To 97.25 %



MAT 5649 MT= 64 (n,n') Level
 Cross Section 56-Ba-138
 -100.0 To 131.1 %

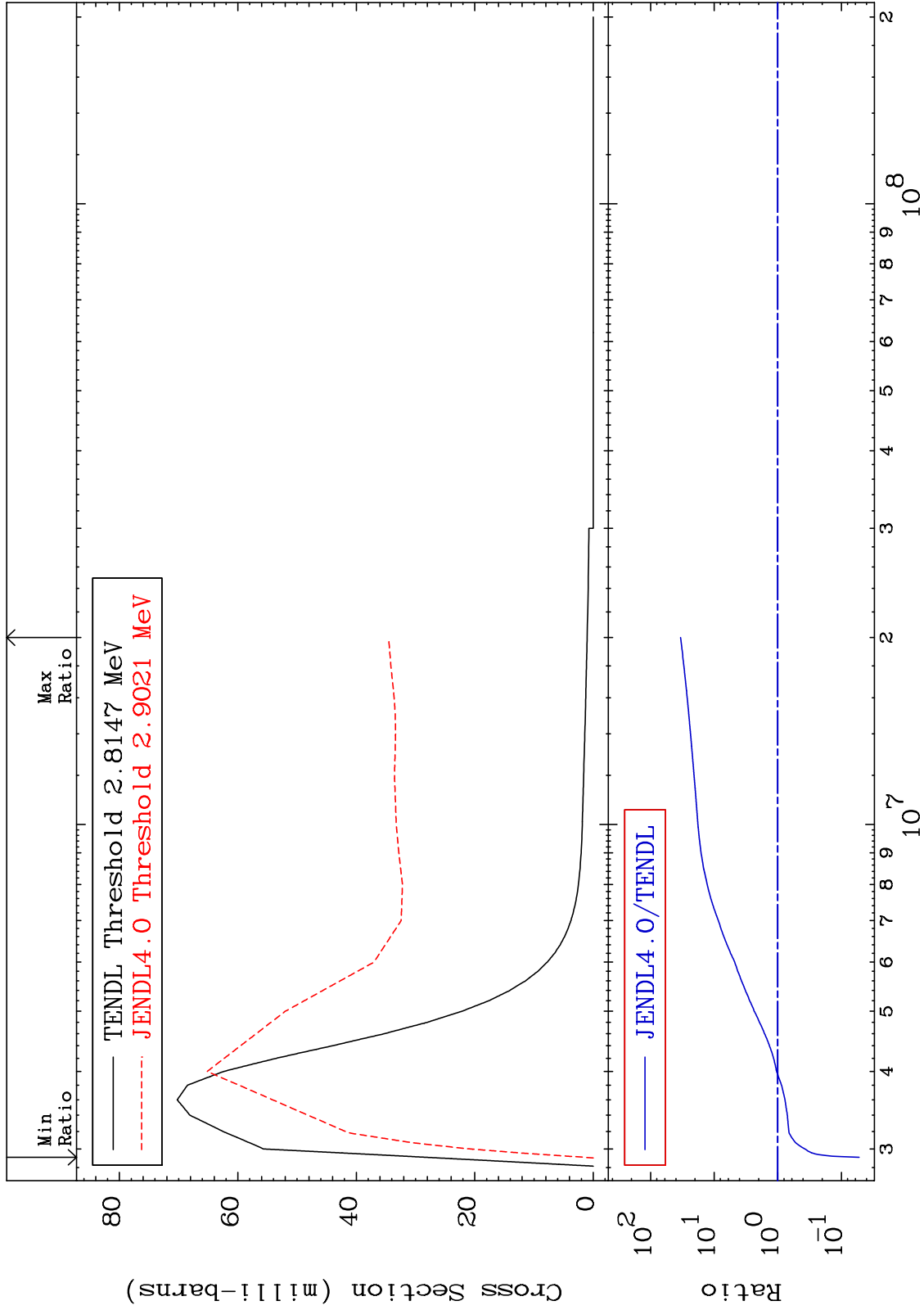


Incident Energy (eV) 56-Ba-138

MAT 5649

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

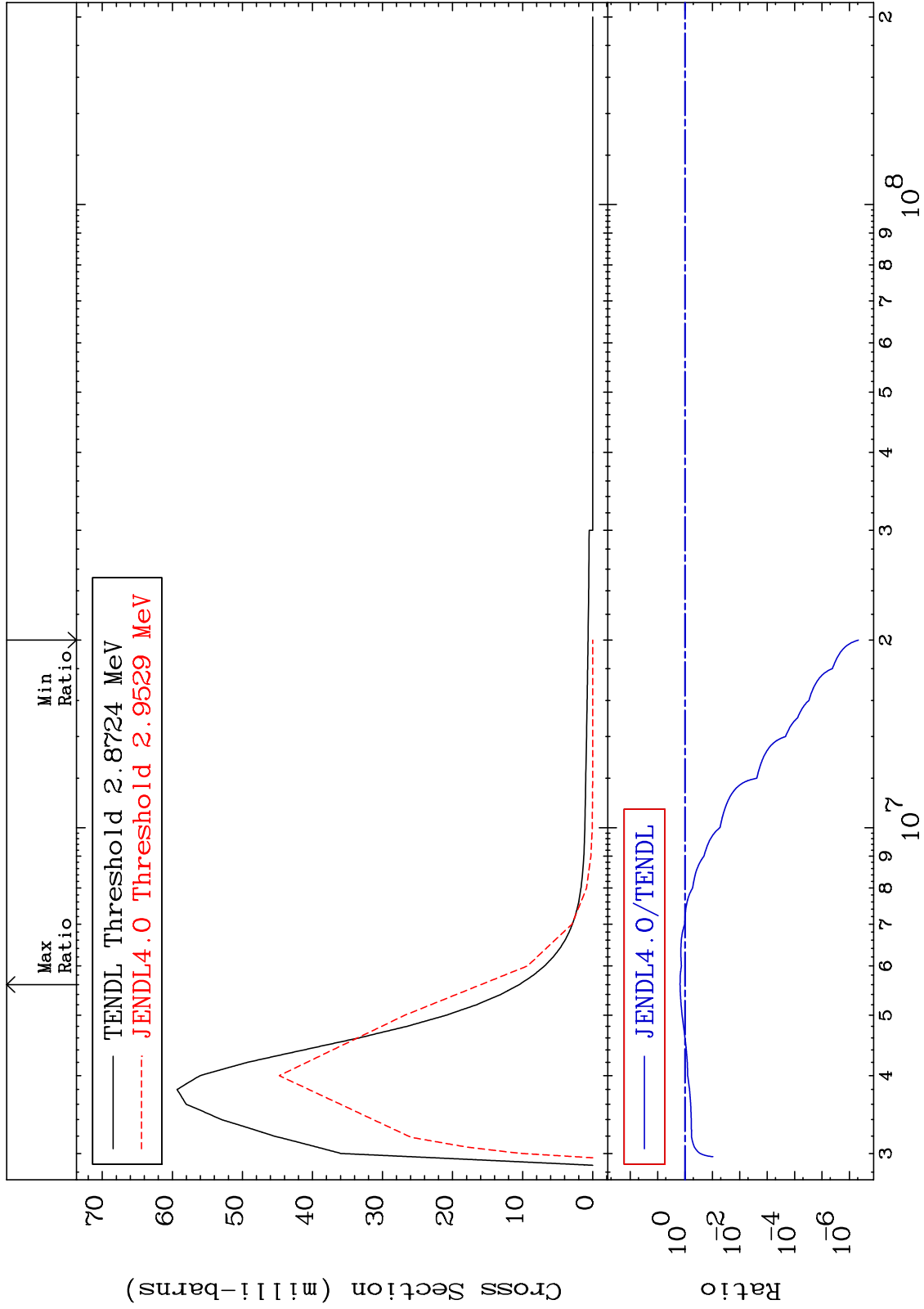
56-Ba-138
-94.76 To 3275. %



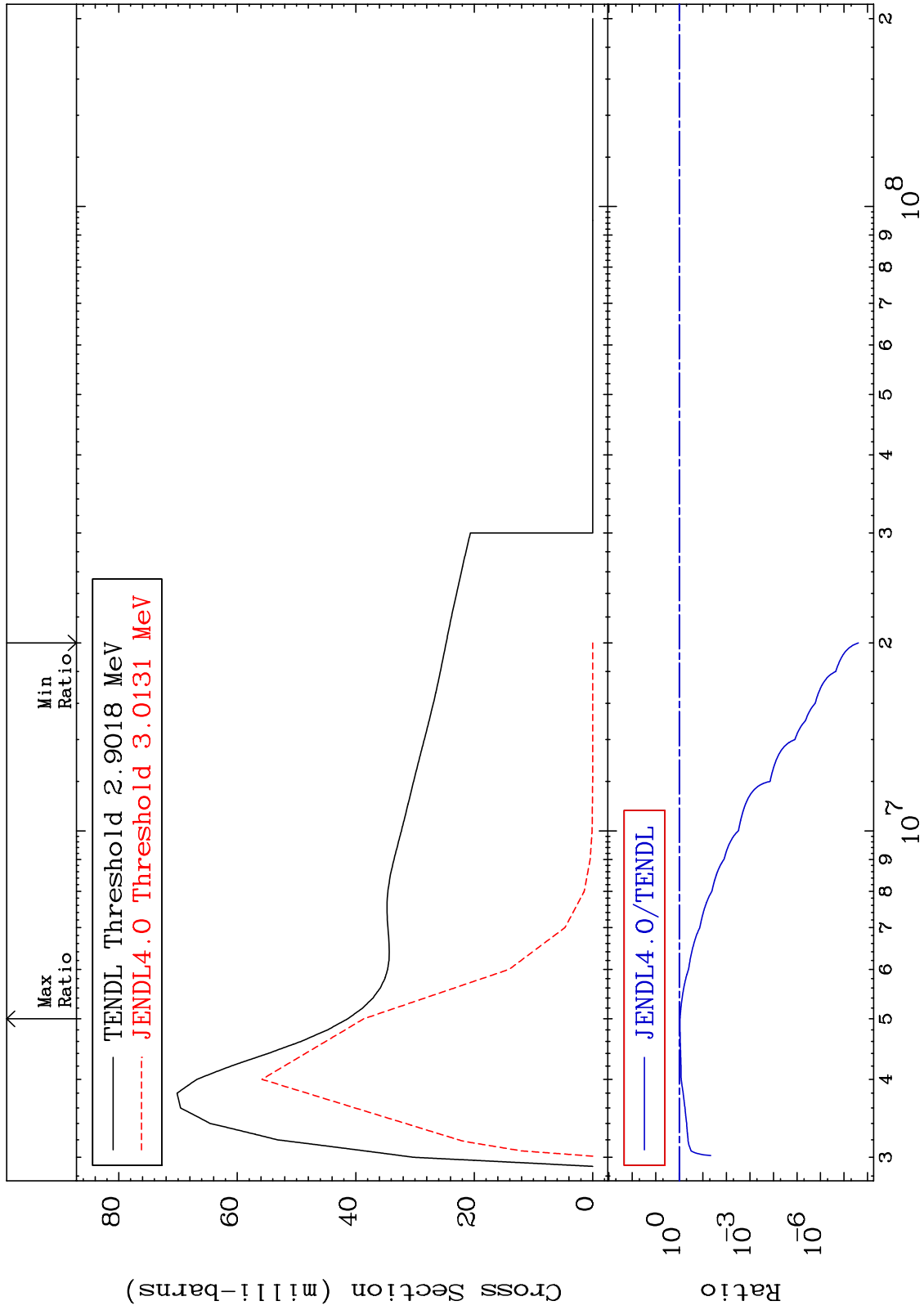
MAT 5649

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

56-Ba-138
-100.0 To 52.14 %



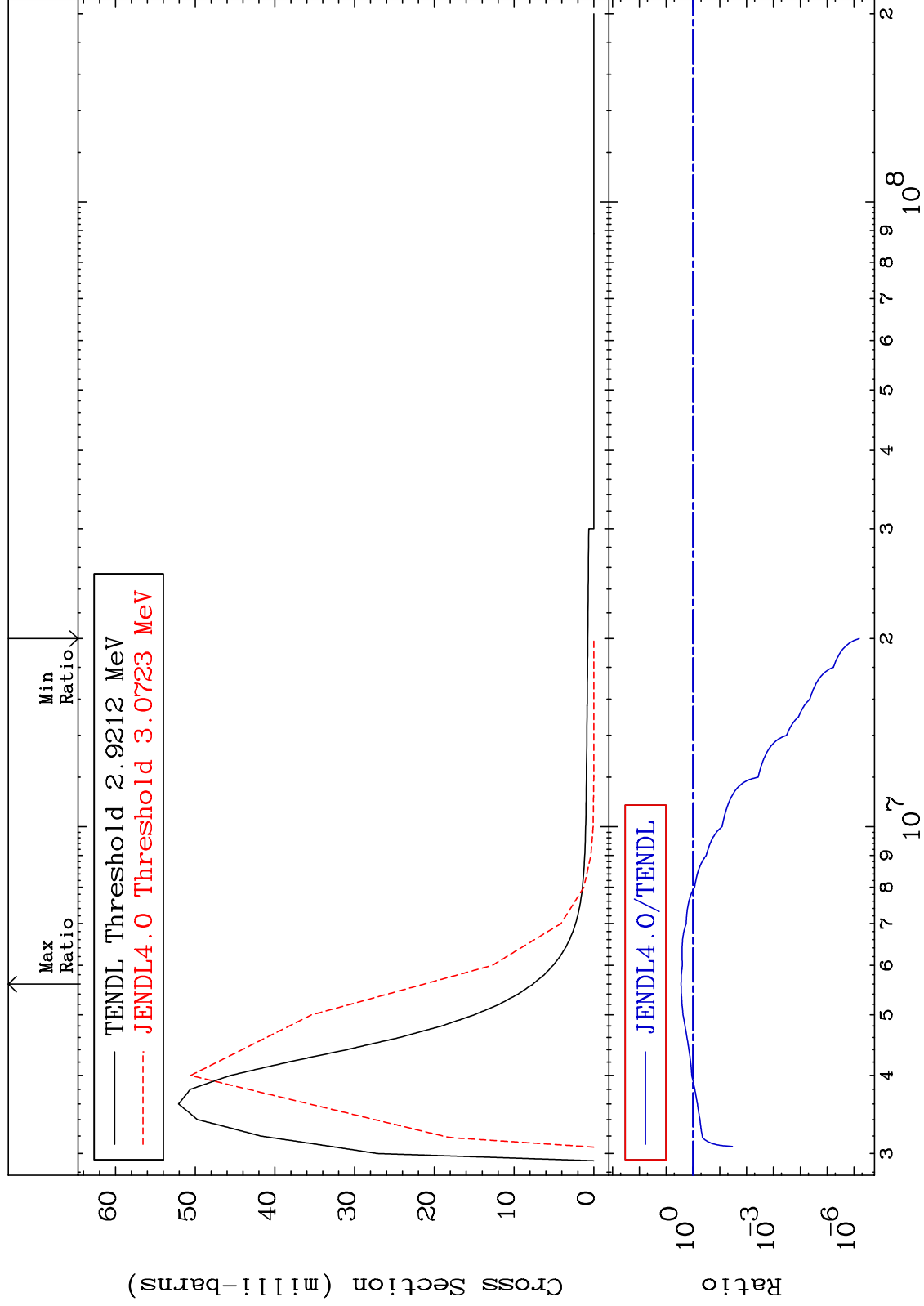
MAT 5649 MT= 67 (n,n') Level Cross Section 56-Ba-138
 -100.0 To -6.532%



MAT 5649

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

56-Ba-138
-100.0 To 179.3 %

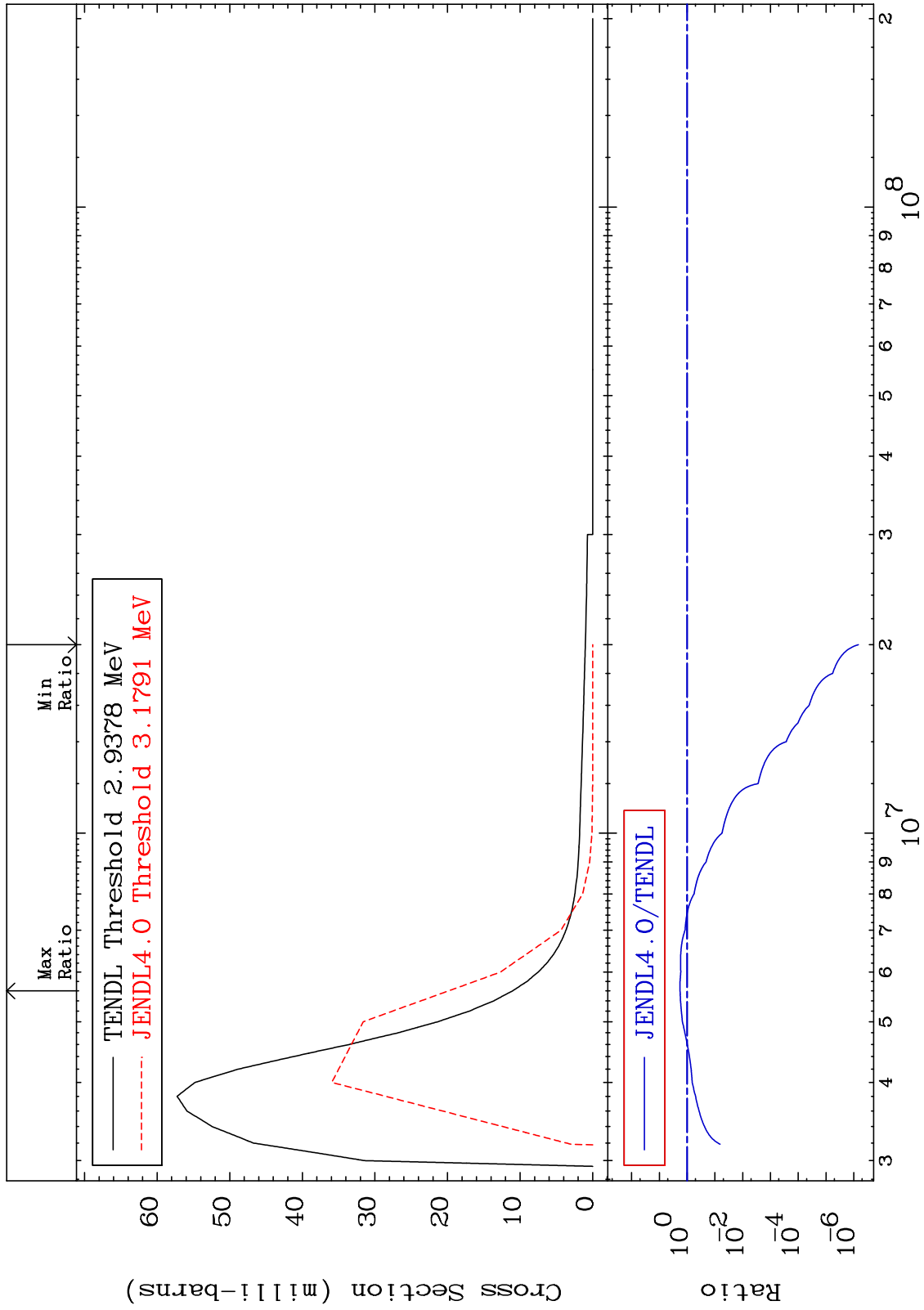


25

Incident Energy (eV)

56-Ba-138

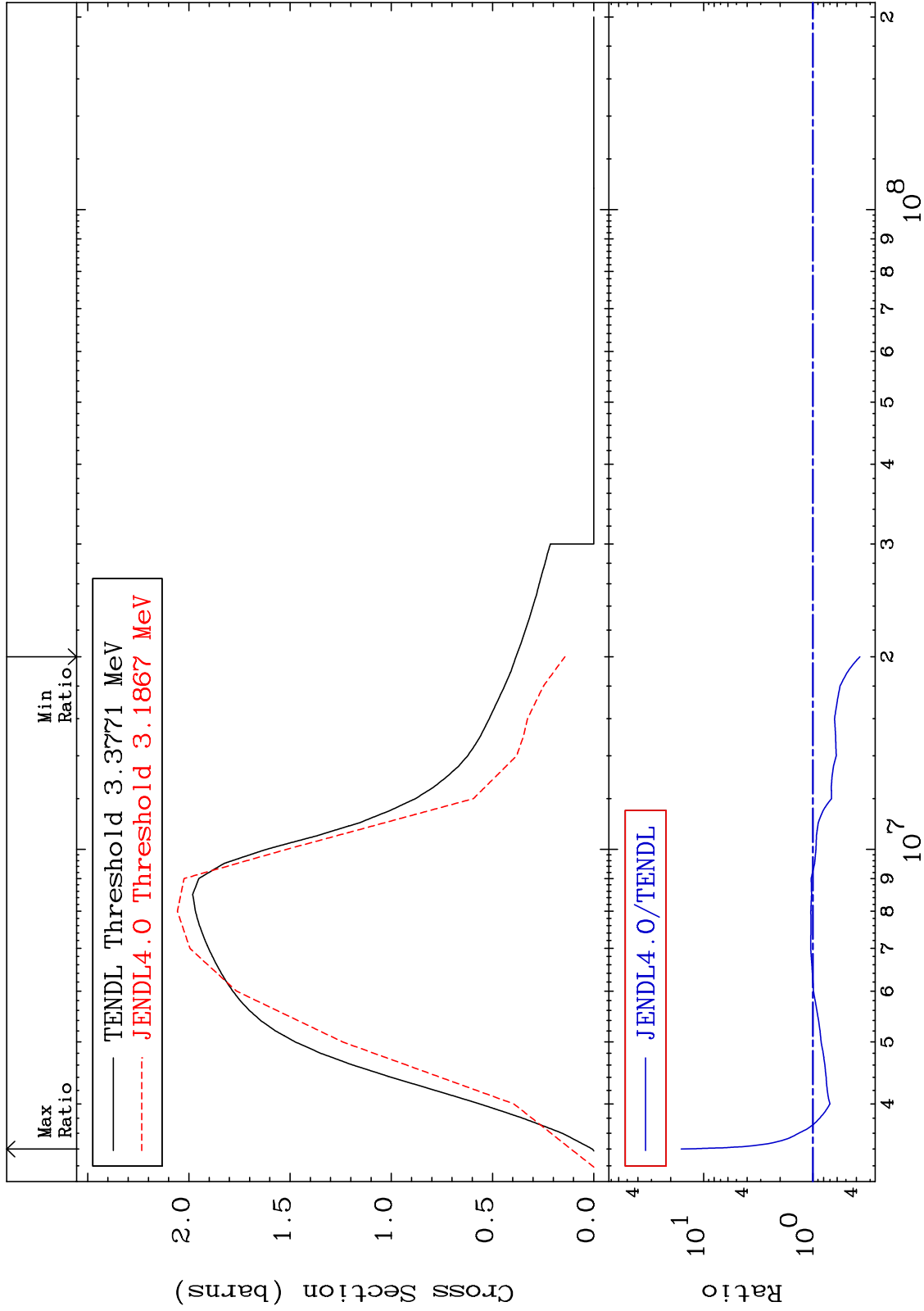
MAT 5649 MT= 69 (n,n') Level 56-Ba-138
 Cross Section -100.0 To 80.11 %



MAT 5649

(n,n') Continuum
Cross Section

56-Ba-138
-62.86 To 1504. %



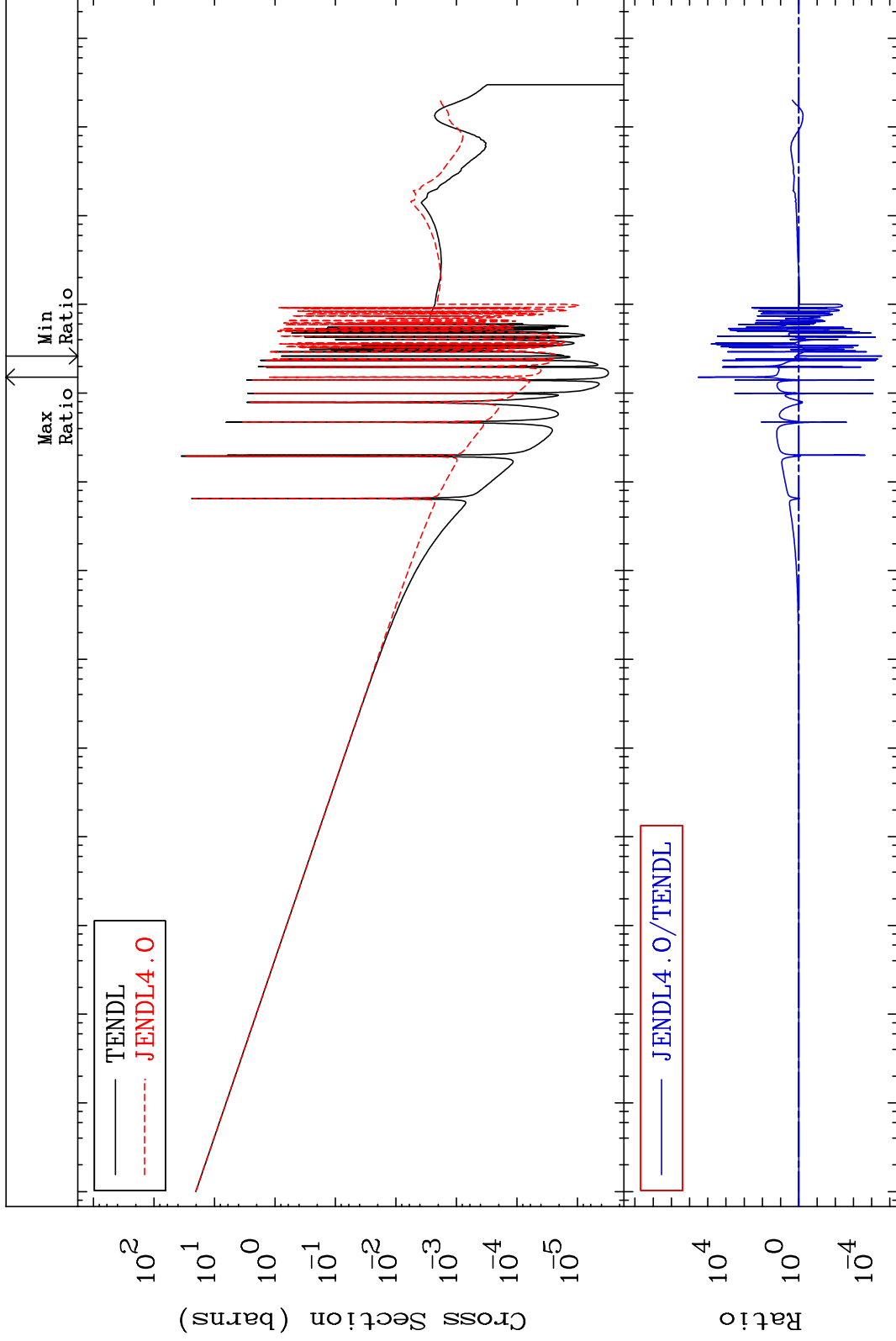
MAT 5649

(n, γ)

56-Ba-138

Cross Section

-100.0 To 9999. %



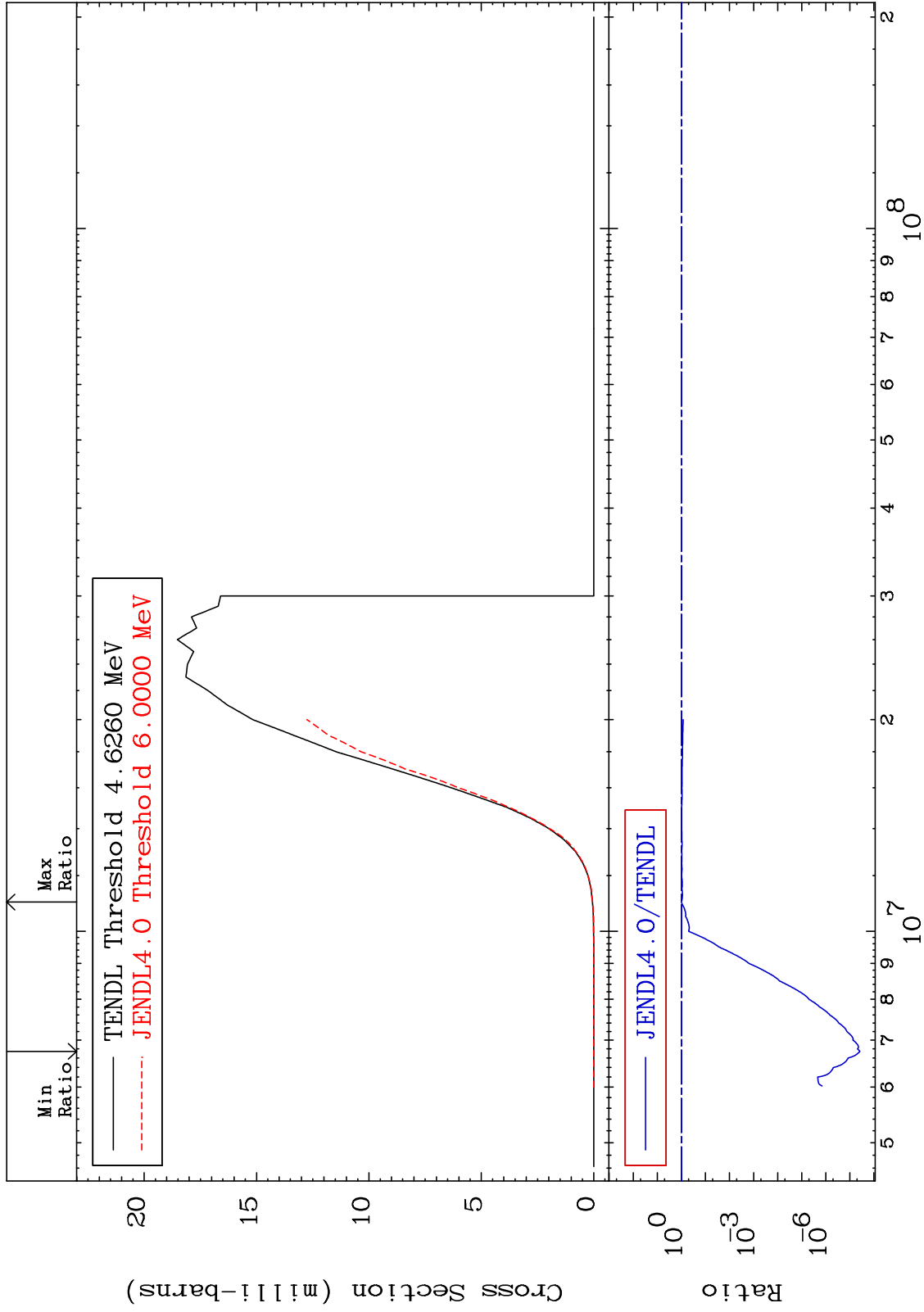
MAT 5649

(n, p)

56-Ba-138

Cross Section

-100.0 To 1.366 %



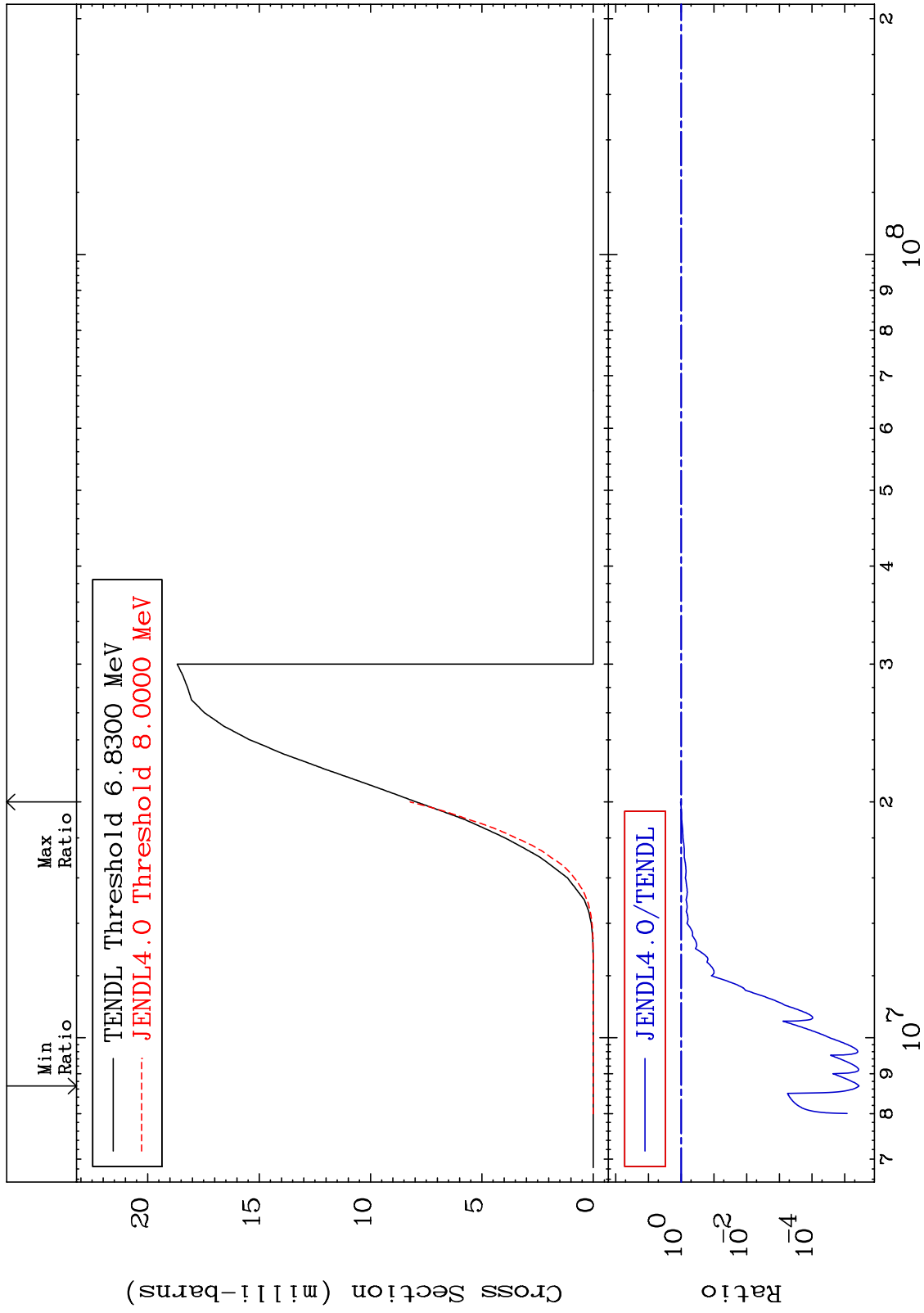
MAT 5649

(n, d)

56-Ba-138

Cross Section

-100.0 To 3.496 %



30

Incident Energy (eV)

56-Ba-138

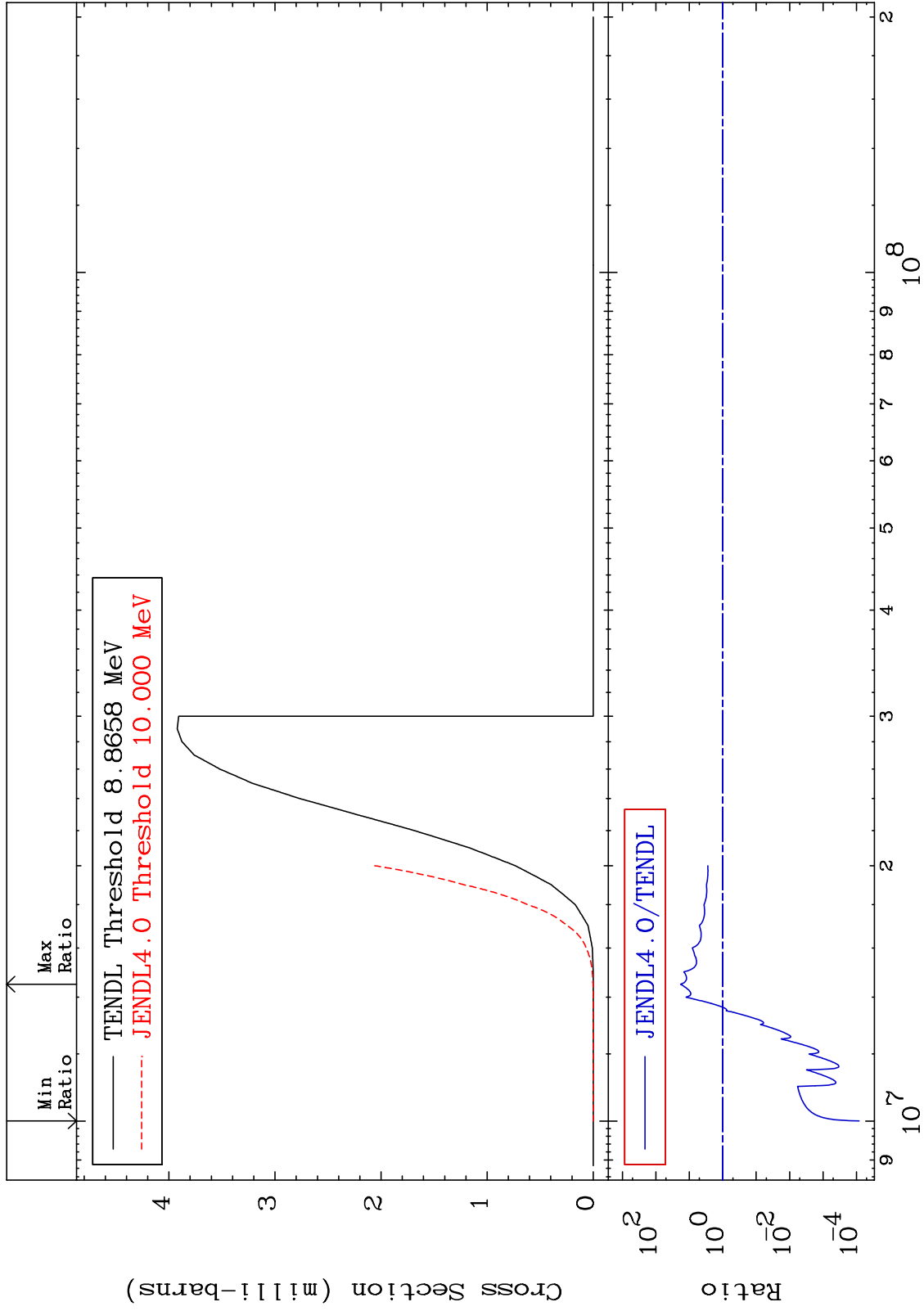
MAT 5649

(n, t)

56-Ba-138

Cross Section

-99.99 To 1727. %



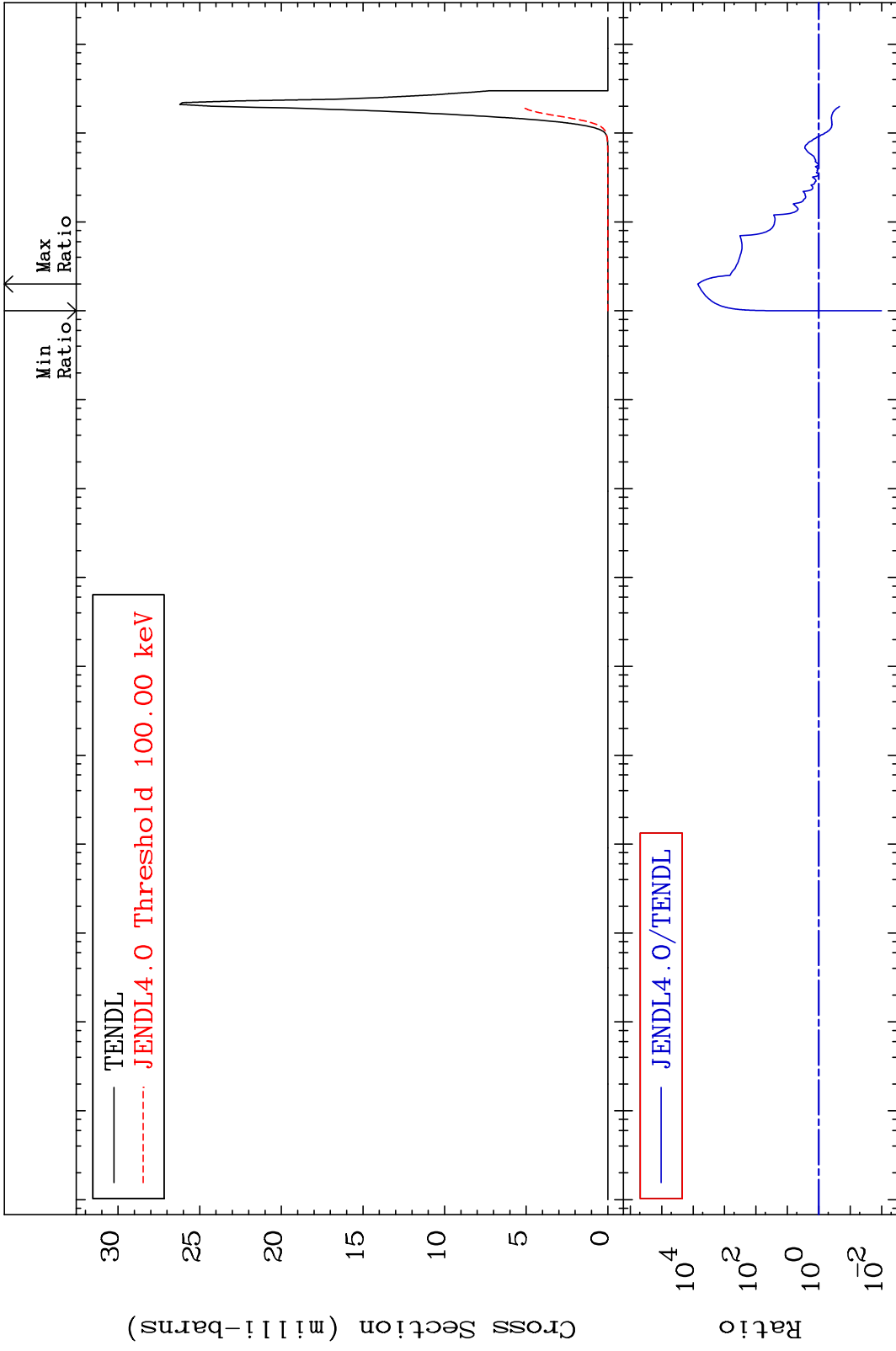
MAT 5649

(n, α)

56-Ba-138

Cross Section

-98.99 To 9999. %



Incident Energy (eV)

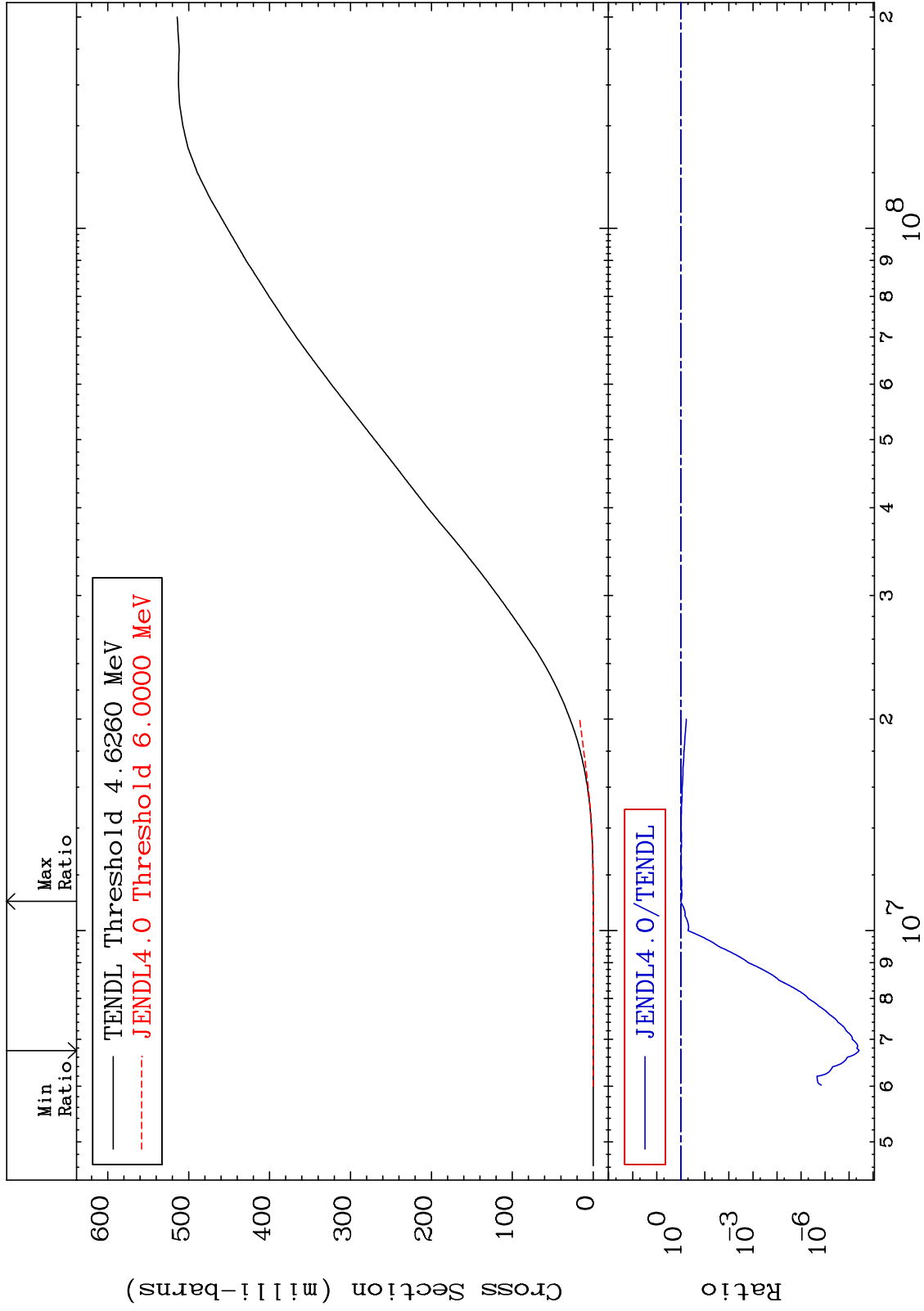
56-Ba-138

32

MAT 5649

Hydrogen Production
Cross Section

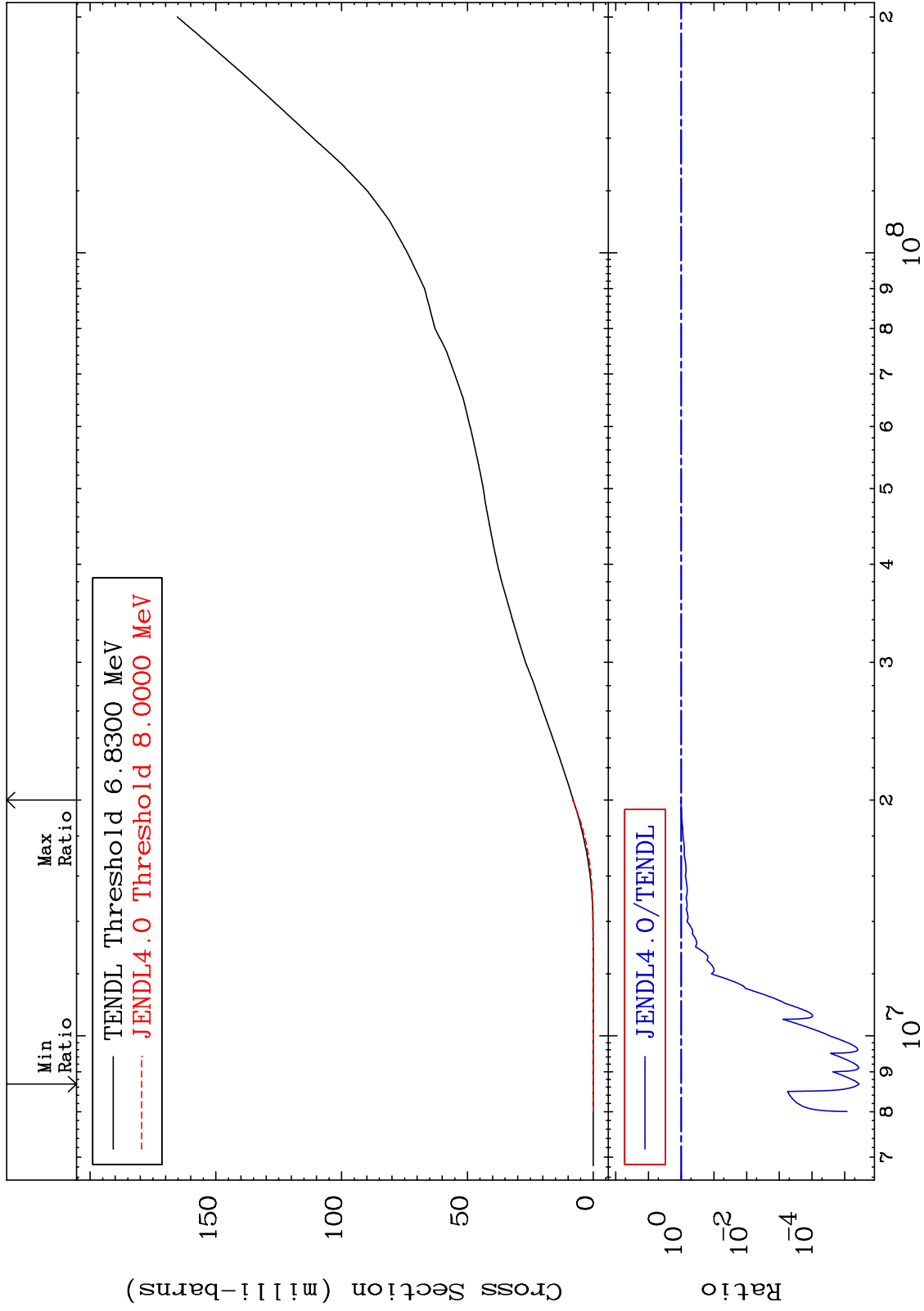
56-Ba-138
-100.0 To 1.365 %



MAT 5649

Deuterium Production
Cross Section

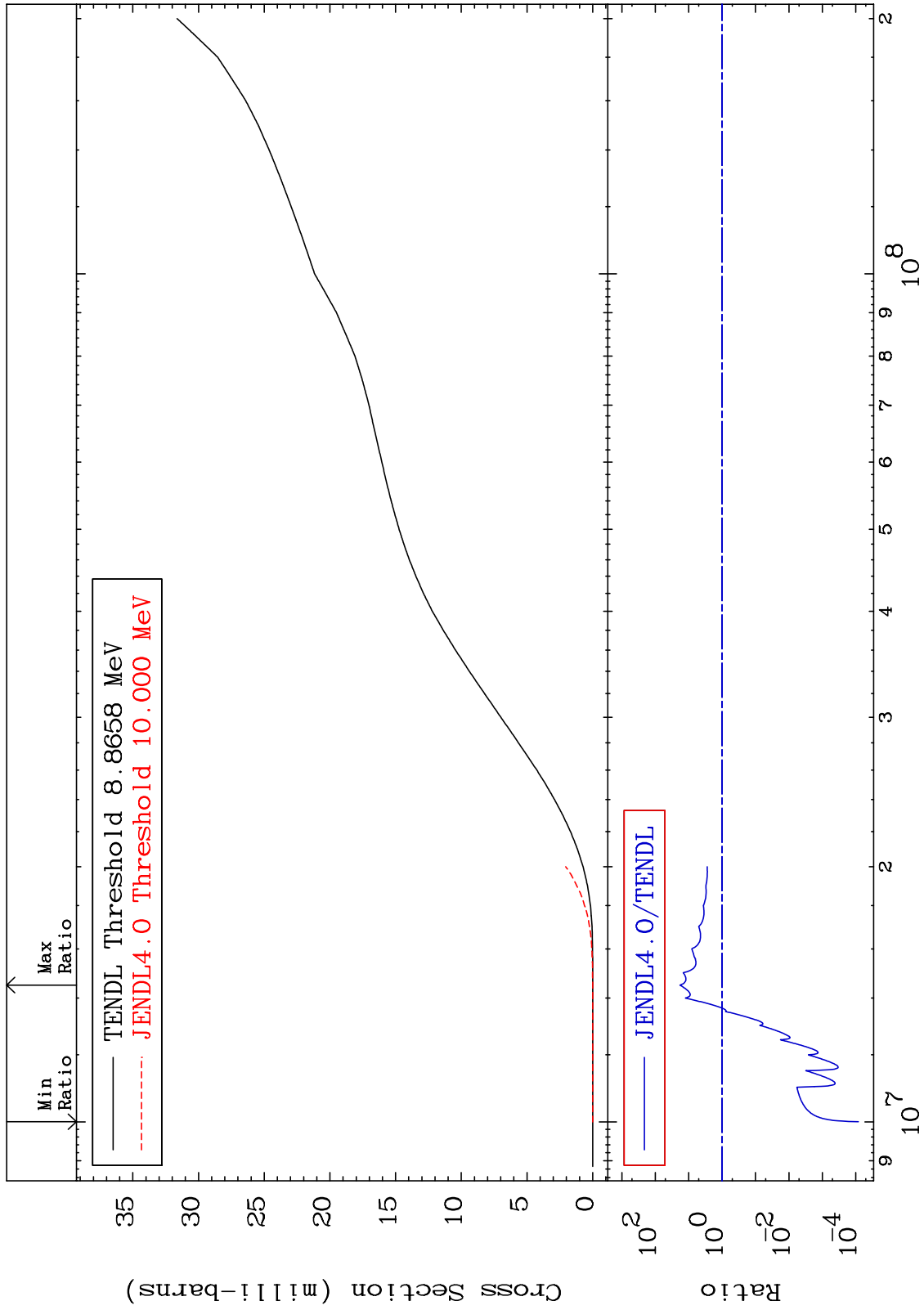
56-Ba-138
-100.0 To 3.489 %



MAT 5649

Tritium Production
Cross Section

56-Ba-138
-99.99 To 1727. %



35

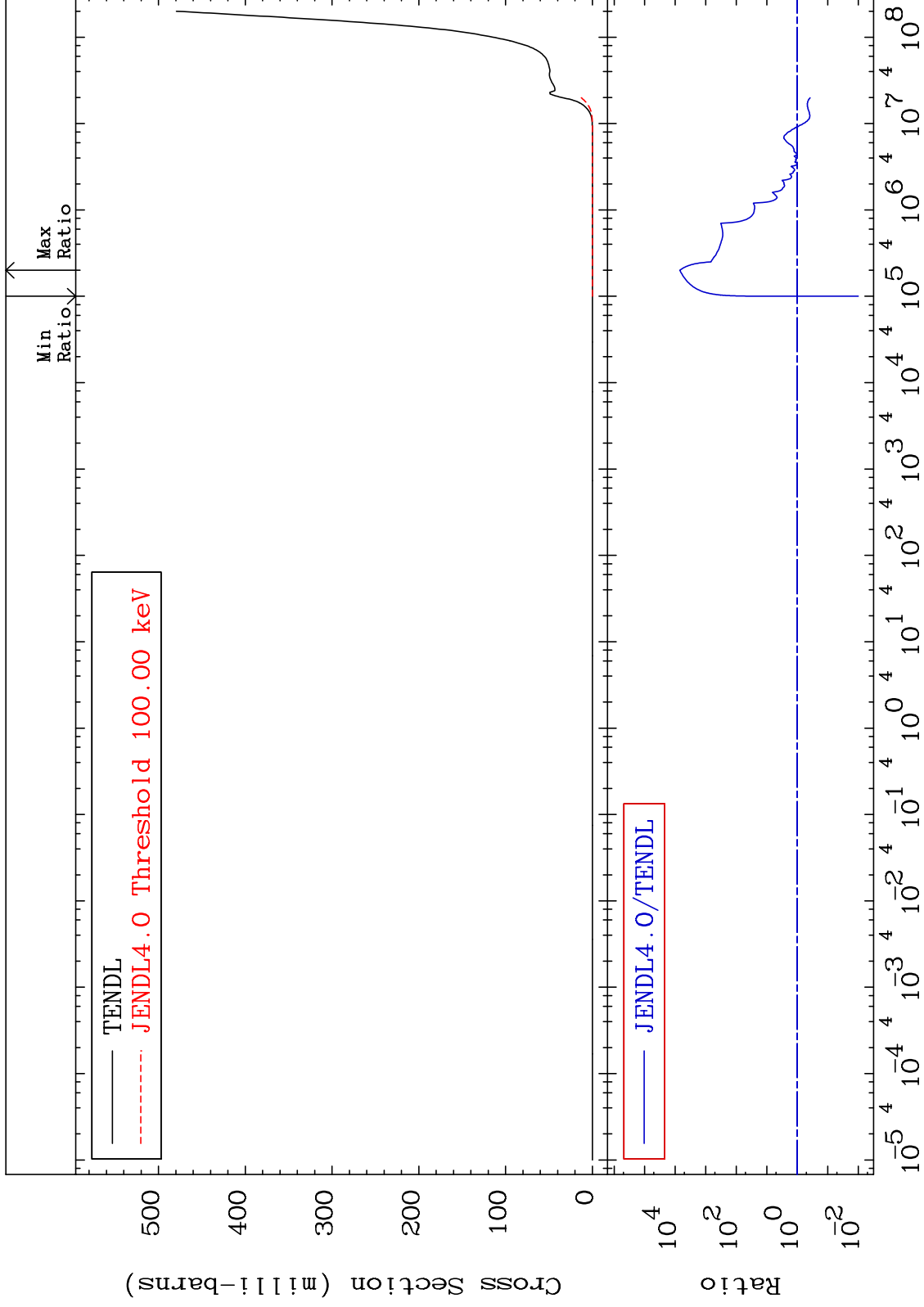
Incident Energy (eV)

56-Ba-138

MAT 5649

He-4 Production
Cross Section

56-Ba-138
-99.00 To 9999. %



36

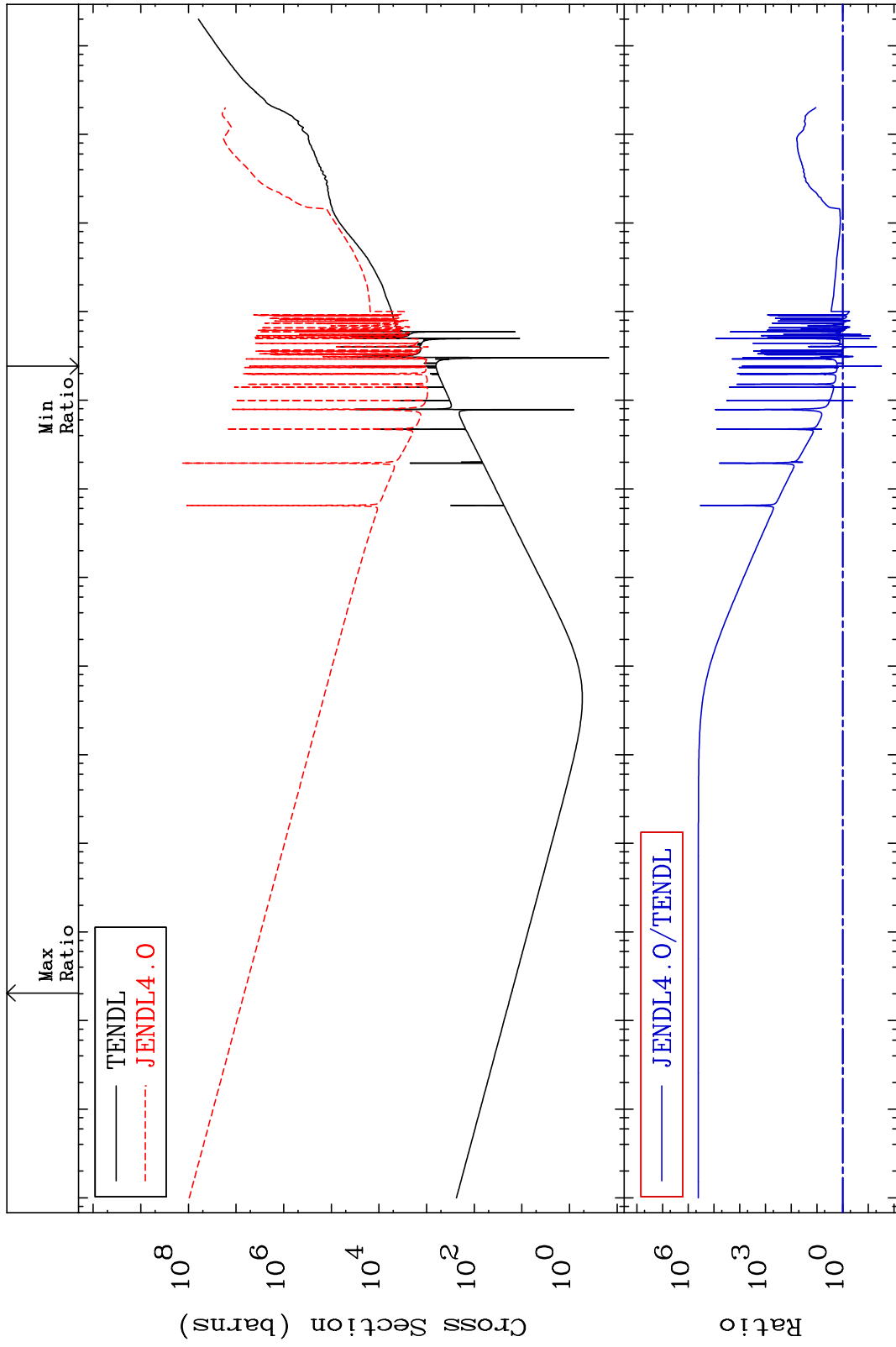
Incident Energy (eV)

56-Ba-138

MAT 5649

Kerma total (eV-barns)
Cross Section

56-Ba-138
-96.92 To 9999. %



37

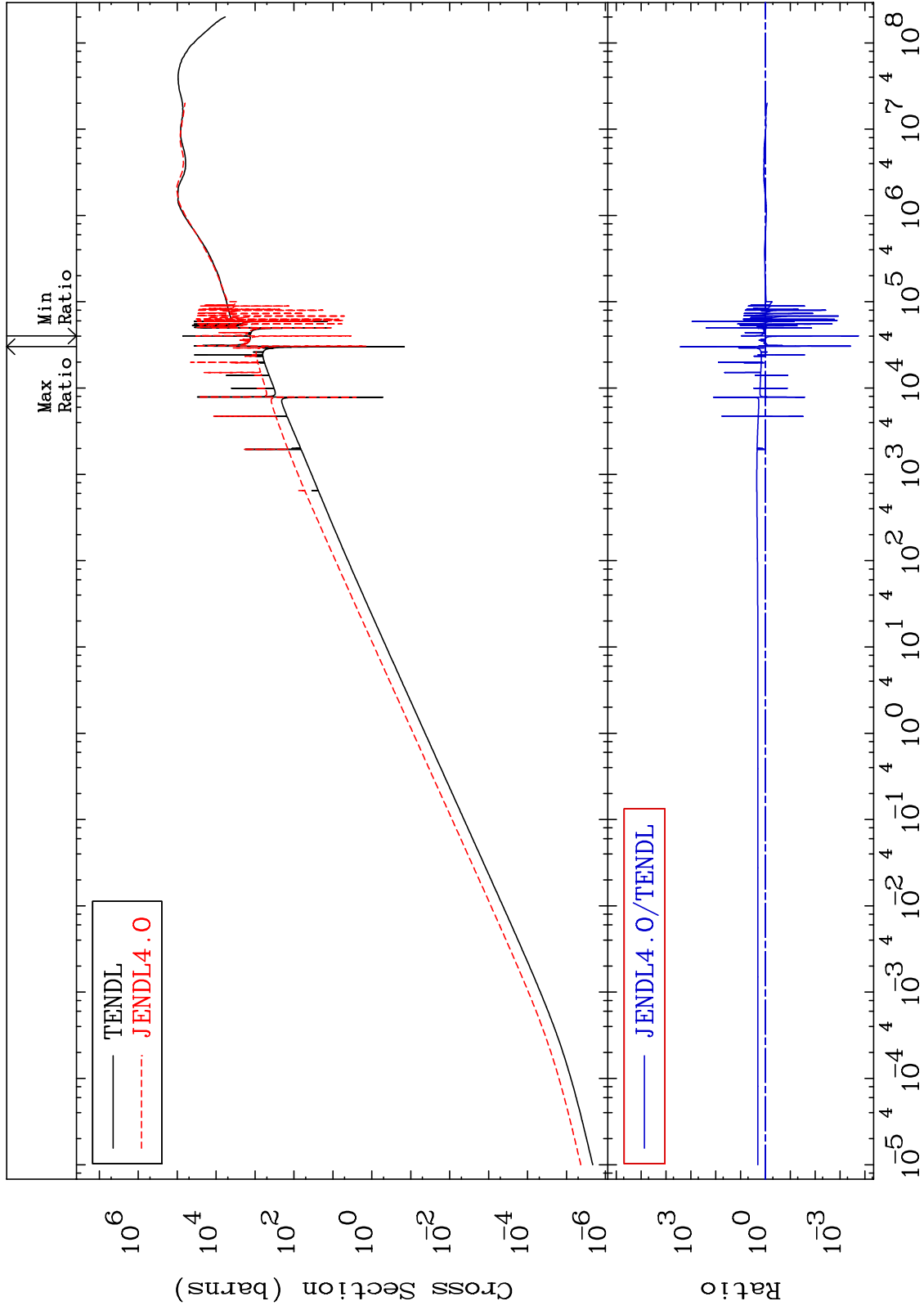
Incident Energy (eV)

56-Ba-138

MAT 5649

Kerma elastic
Cross Section

56-Ba-138
-99.98 To 9999. %



38

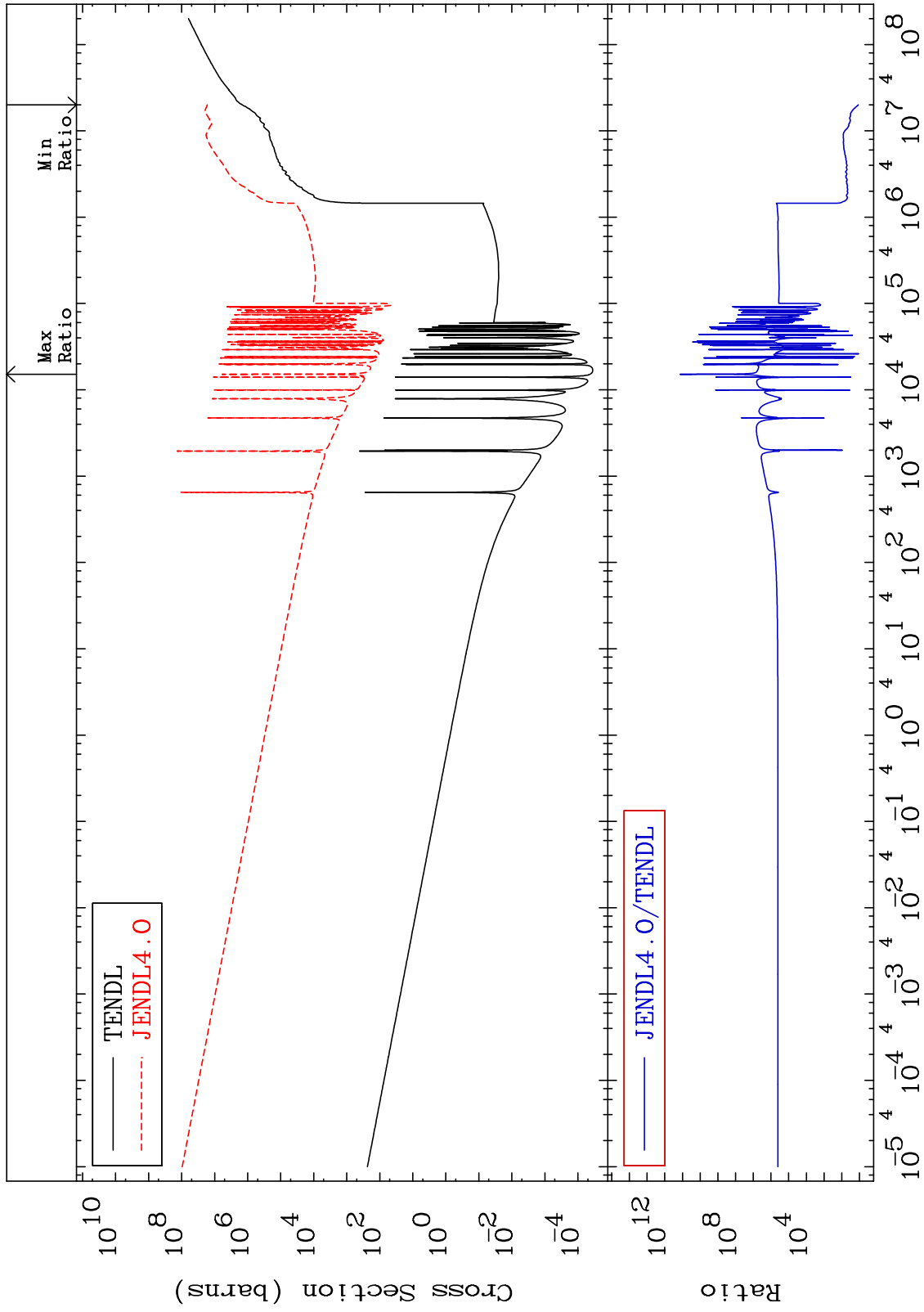
Incident Energy (eV)

56-Ba-138

MAT 5649

Kerma non-elastic (all but mt2)
Cross Section

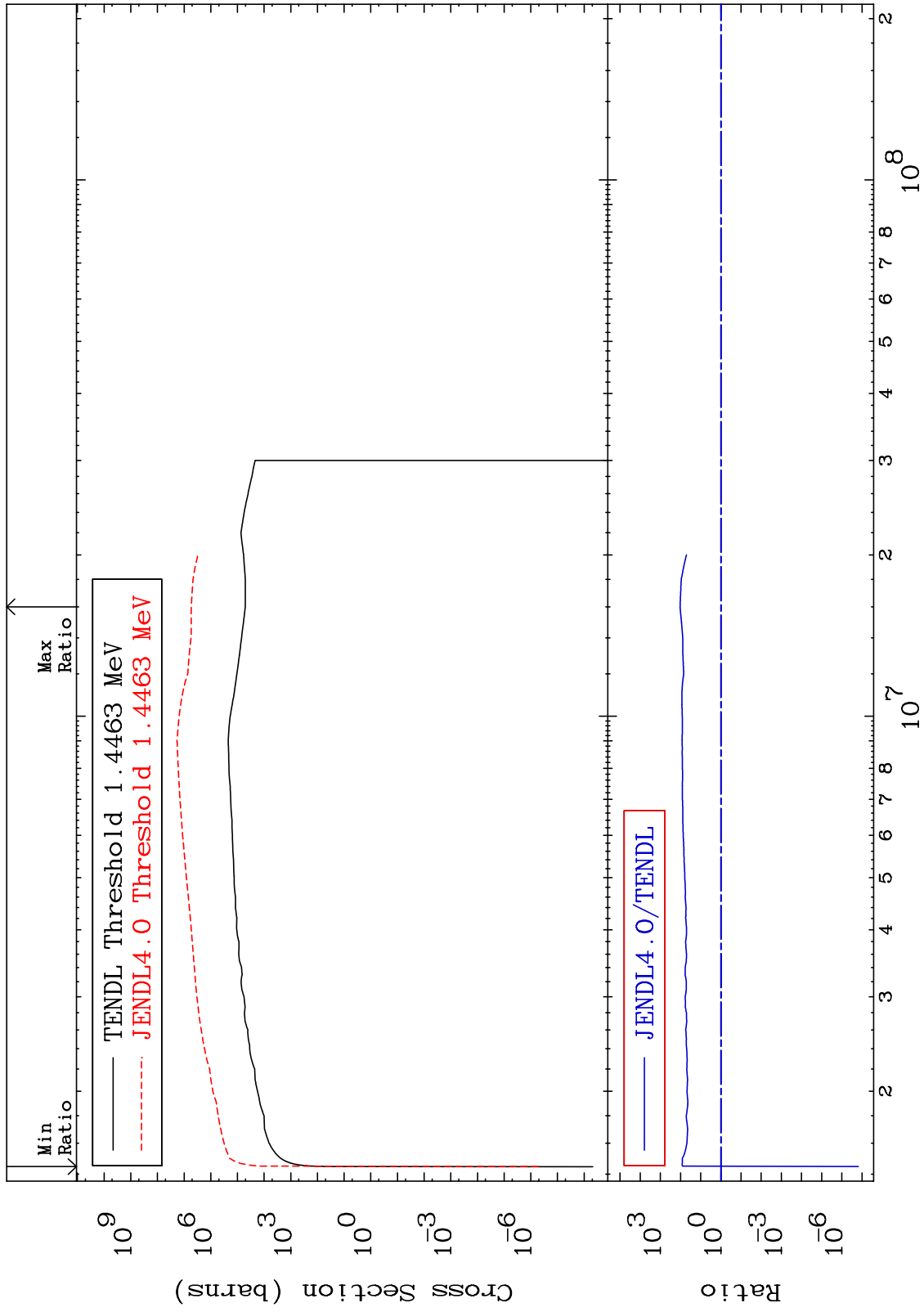
56-Ba-138
1048. To 9999. %



MAT 5649

Kerma inelastic (mt51-91)
Cross Section

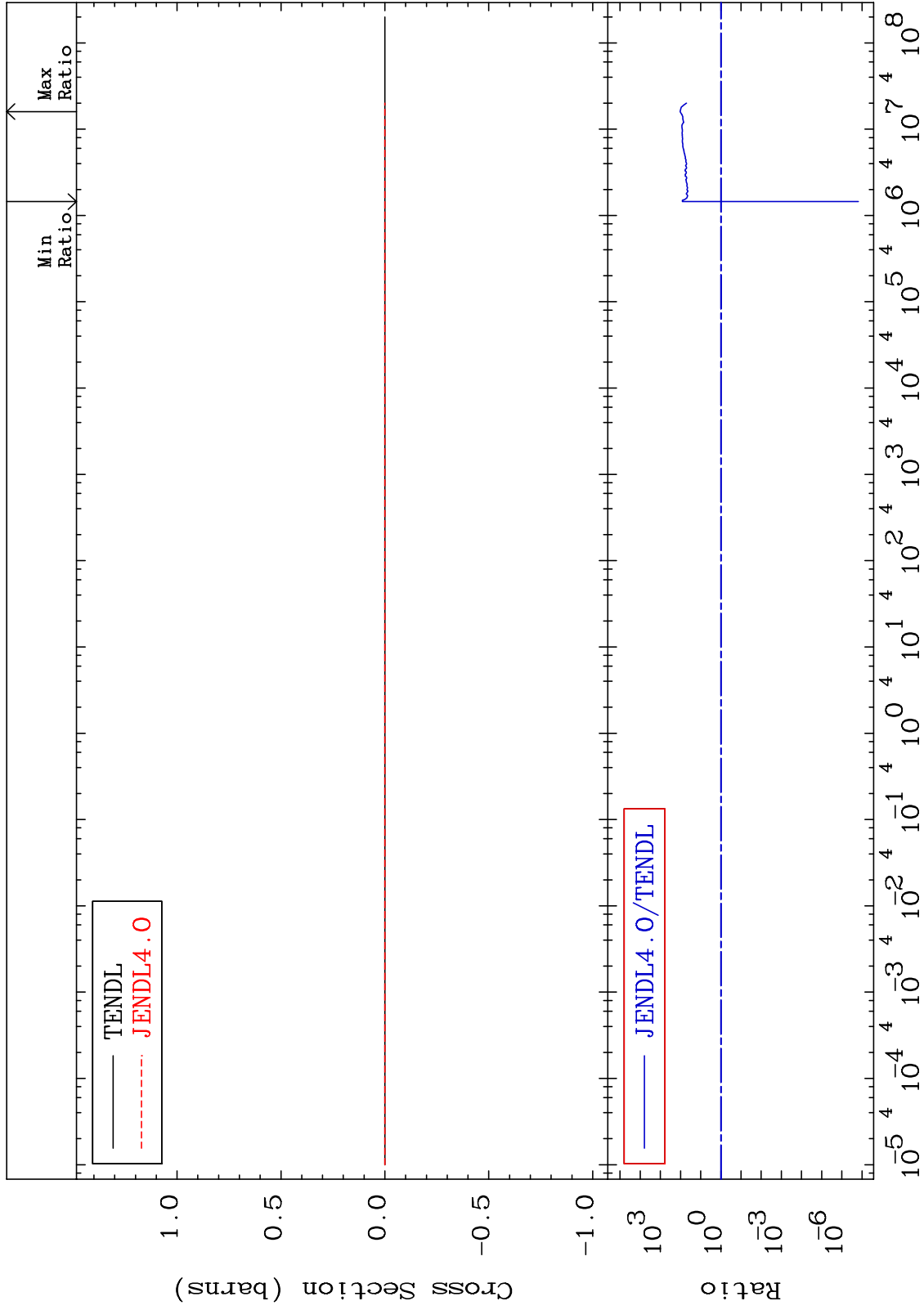
56-Ba-138
-100.0 To 9999. %



MAT 5649

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

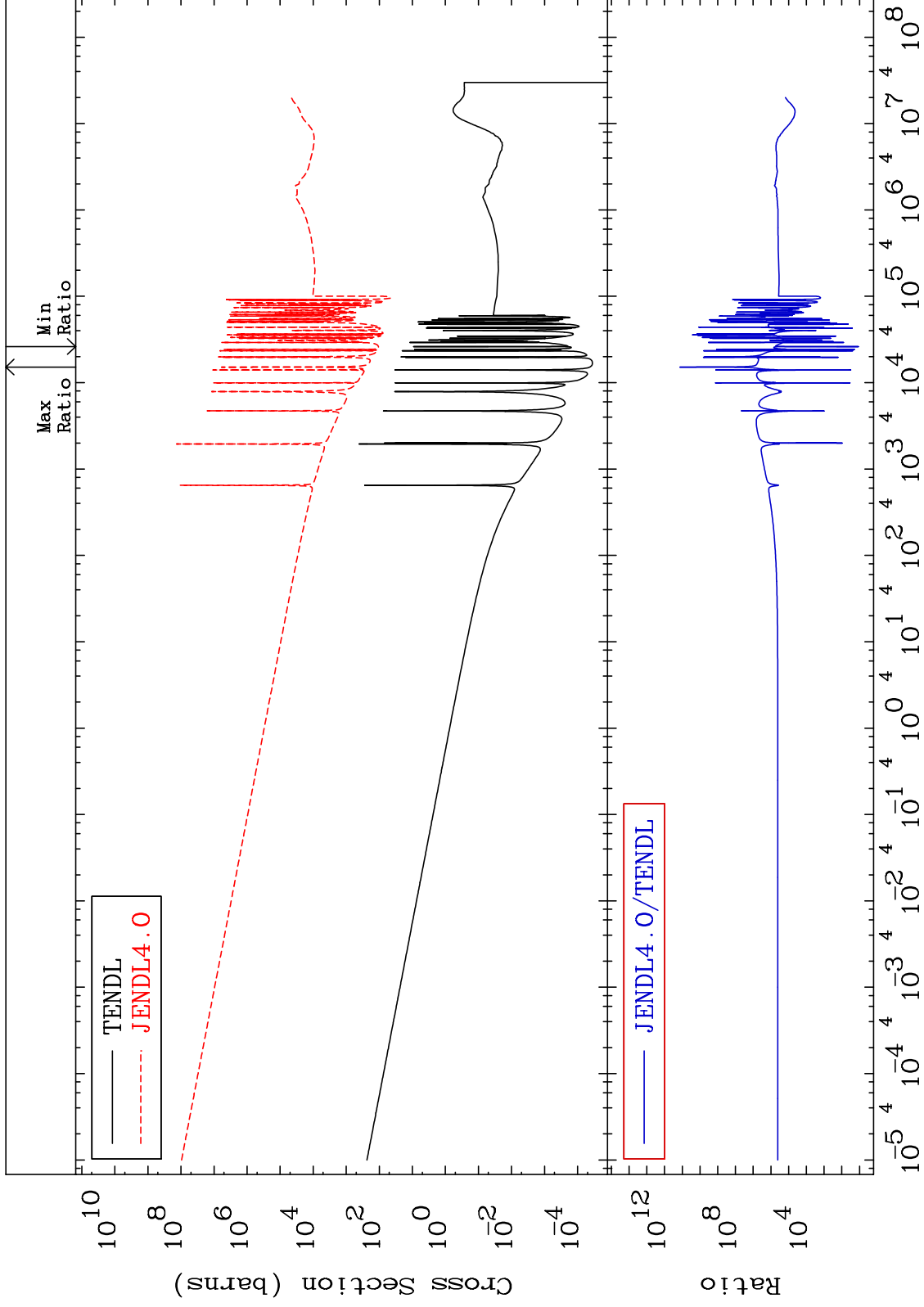
56-Ba-138
-100.0 To 9999. %



MAT 5649

Kerma capture (mt102)
Cross Section

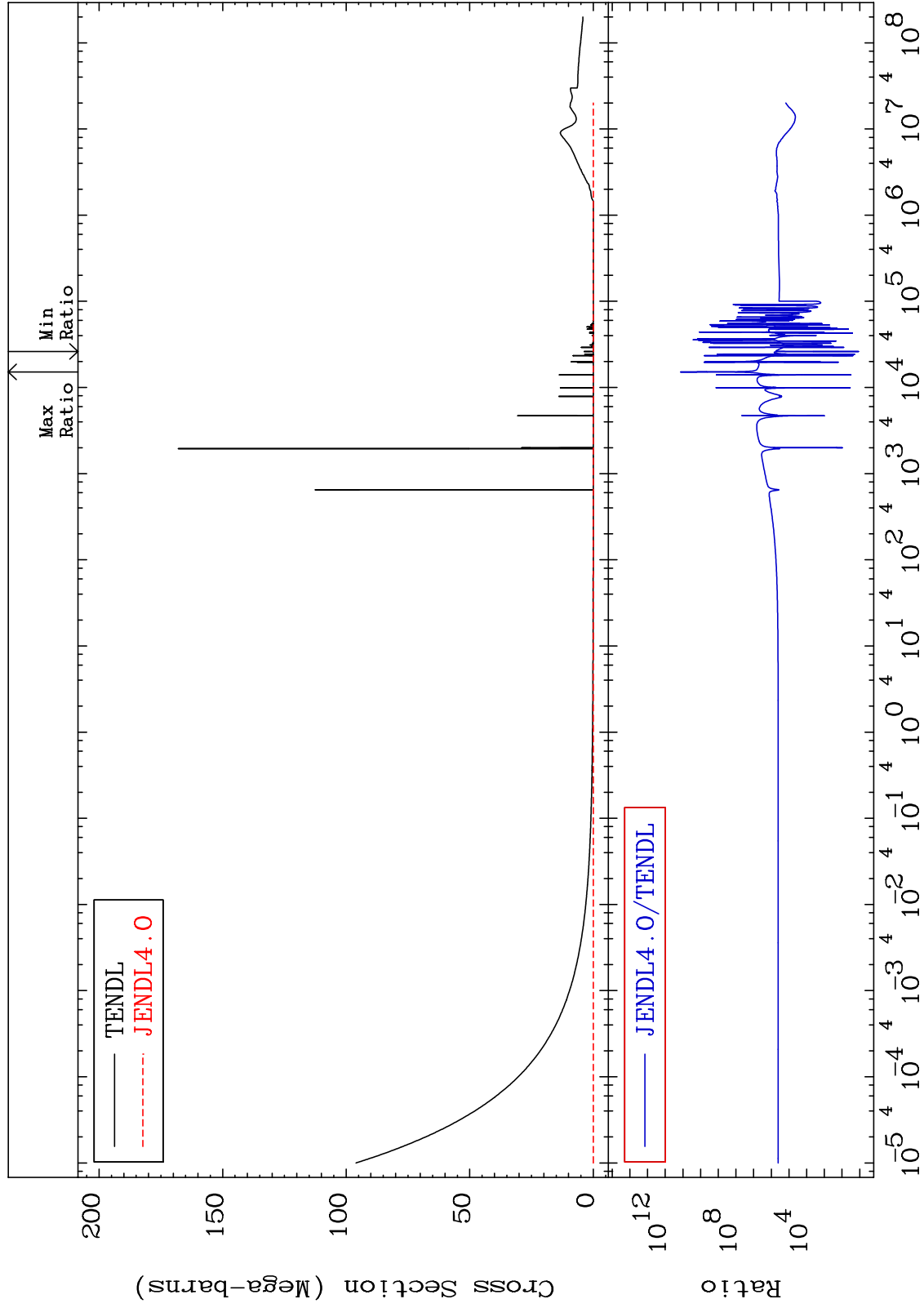
56-Ba-138
1062. To 9999. %



MAT 5649

Total photon (eV-barns)
Cross Section

56-Ba-138
1062. To 9999. %



43

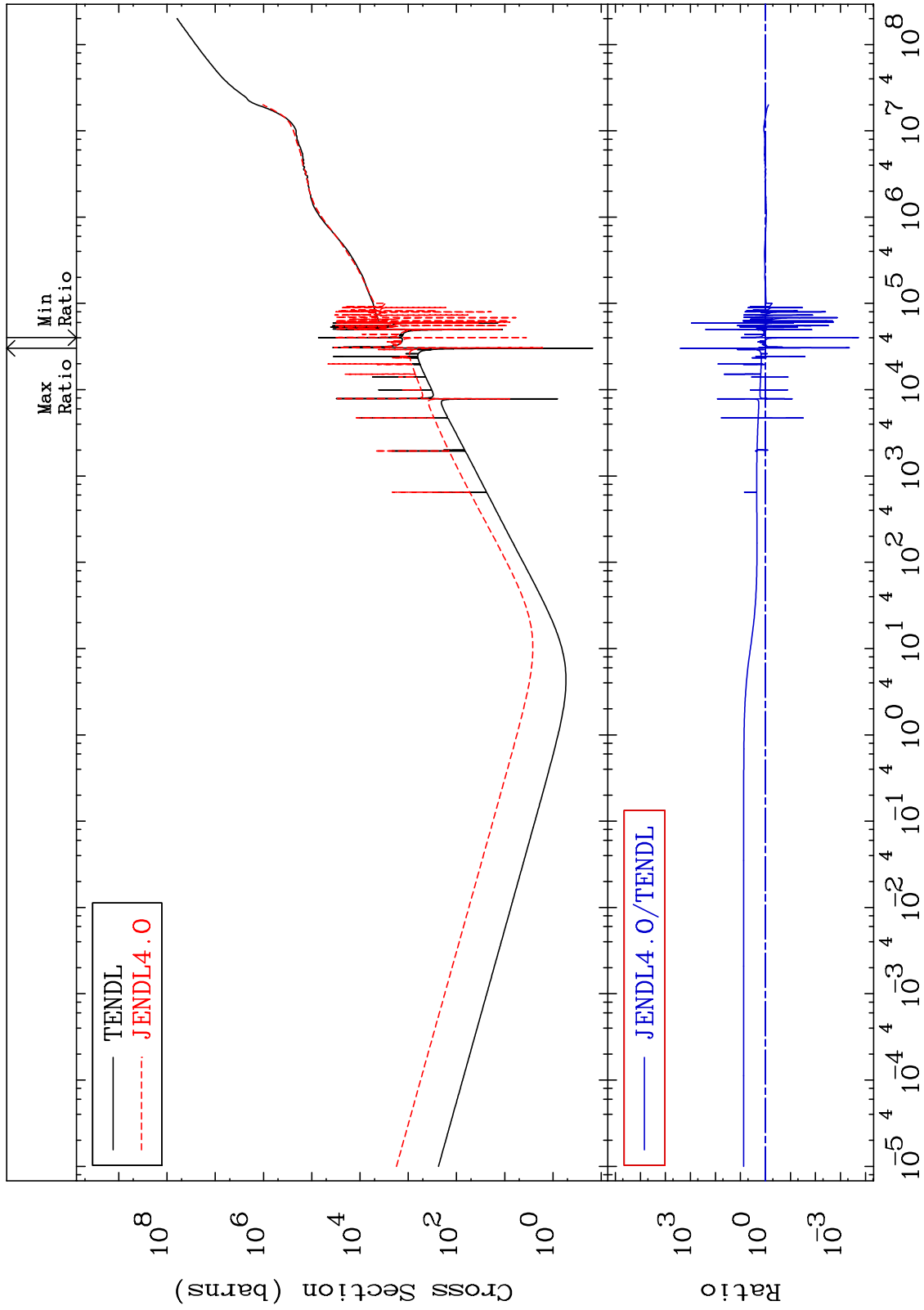
Incident Energy (eV)

56-Ba-138

MAT 5649

Total kinematic kerma (high limit)
Cross Section

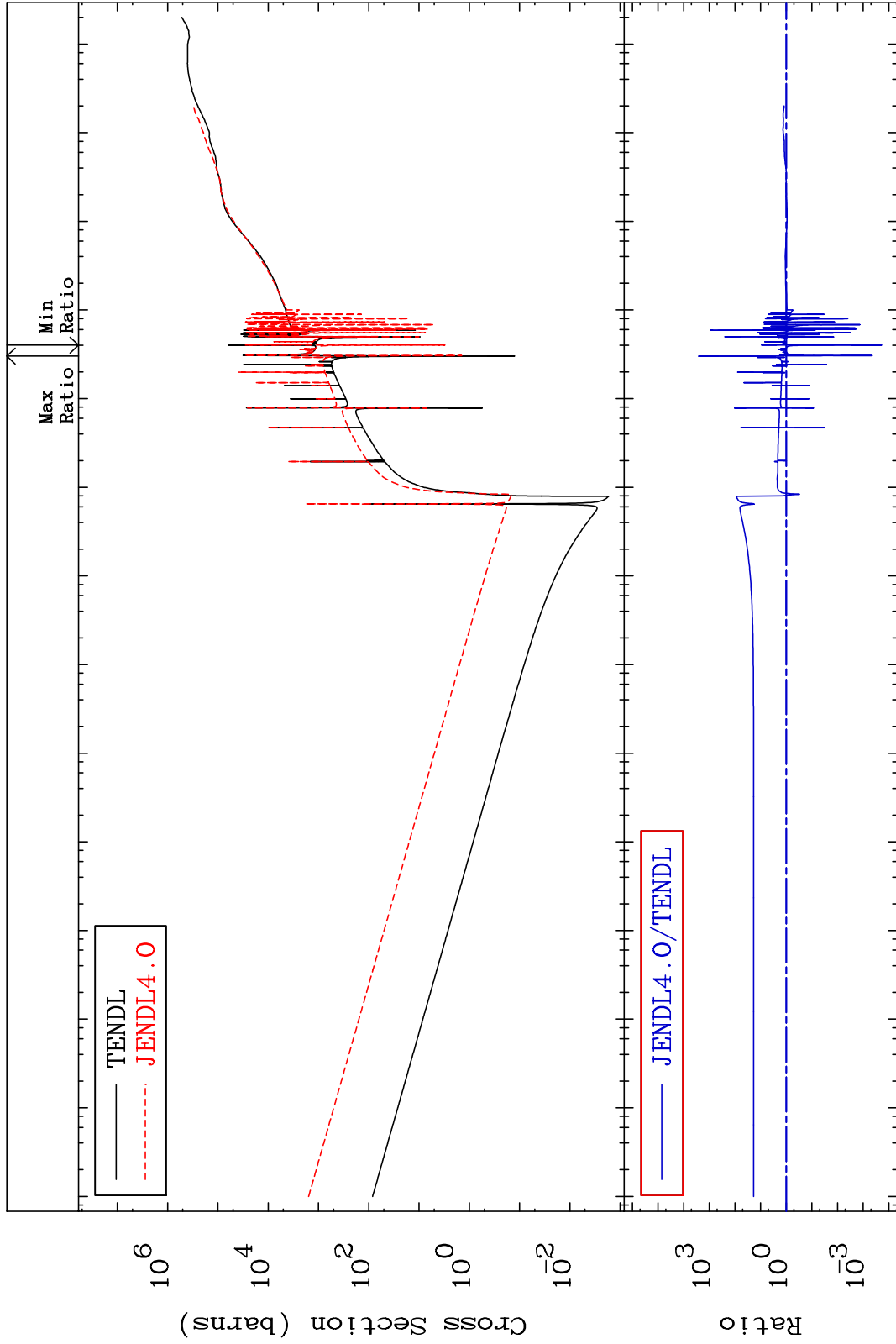
56-Ba-138
-99.98 To 9999. %



MAT 5649

Dpa total (eV-barns)
Cross Section

56-Ba-138
-99.98 To 9999. %



45

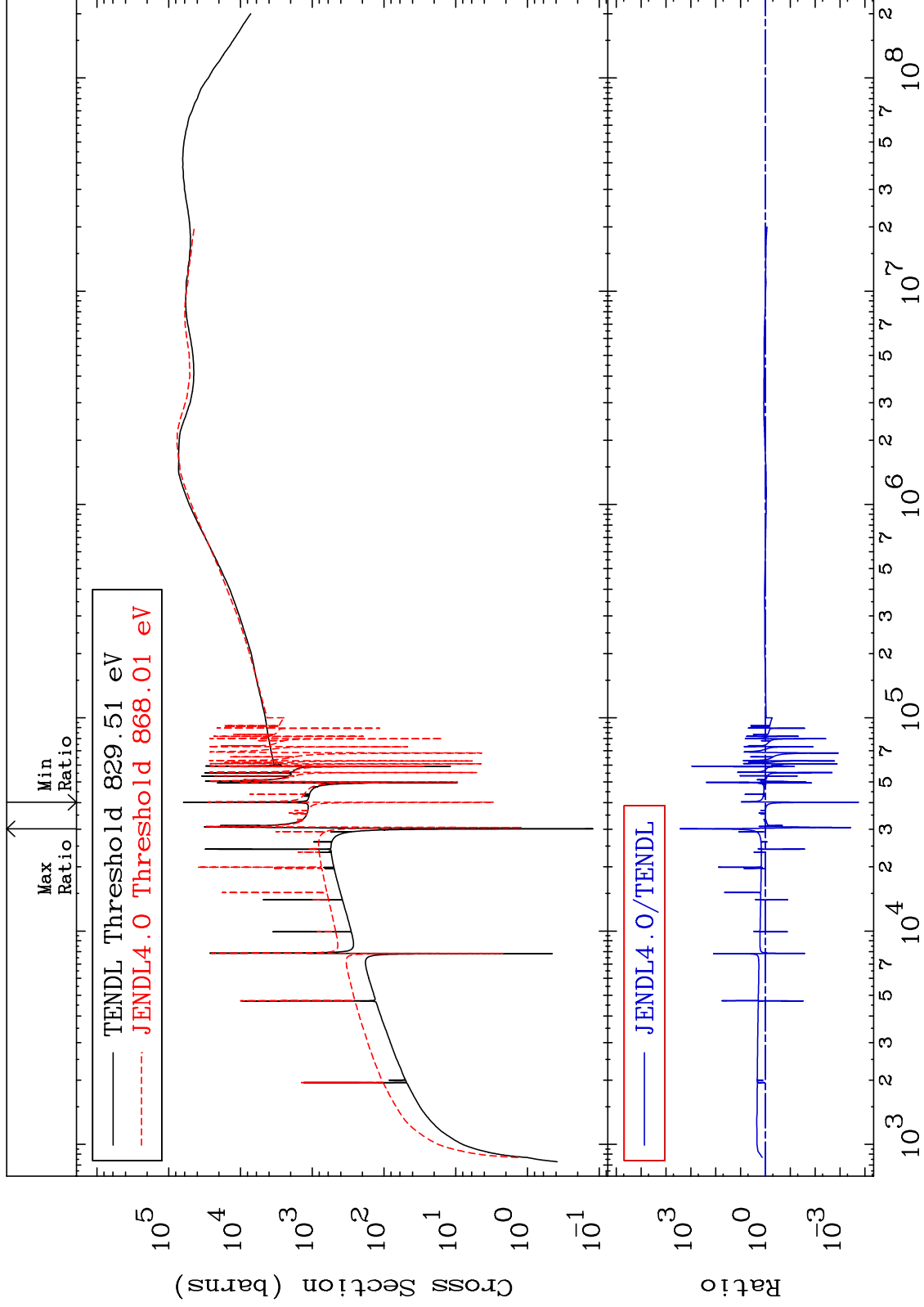
Incident Energy (eV)

56-Ba-138

MAT 5649

Dpa elastic (mt2)
Cross Section

56-Ba-138
-99.98 To 9999. %



46

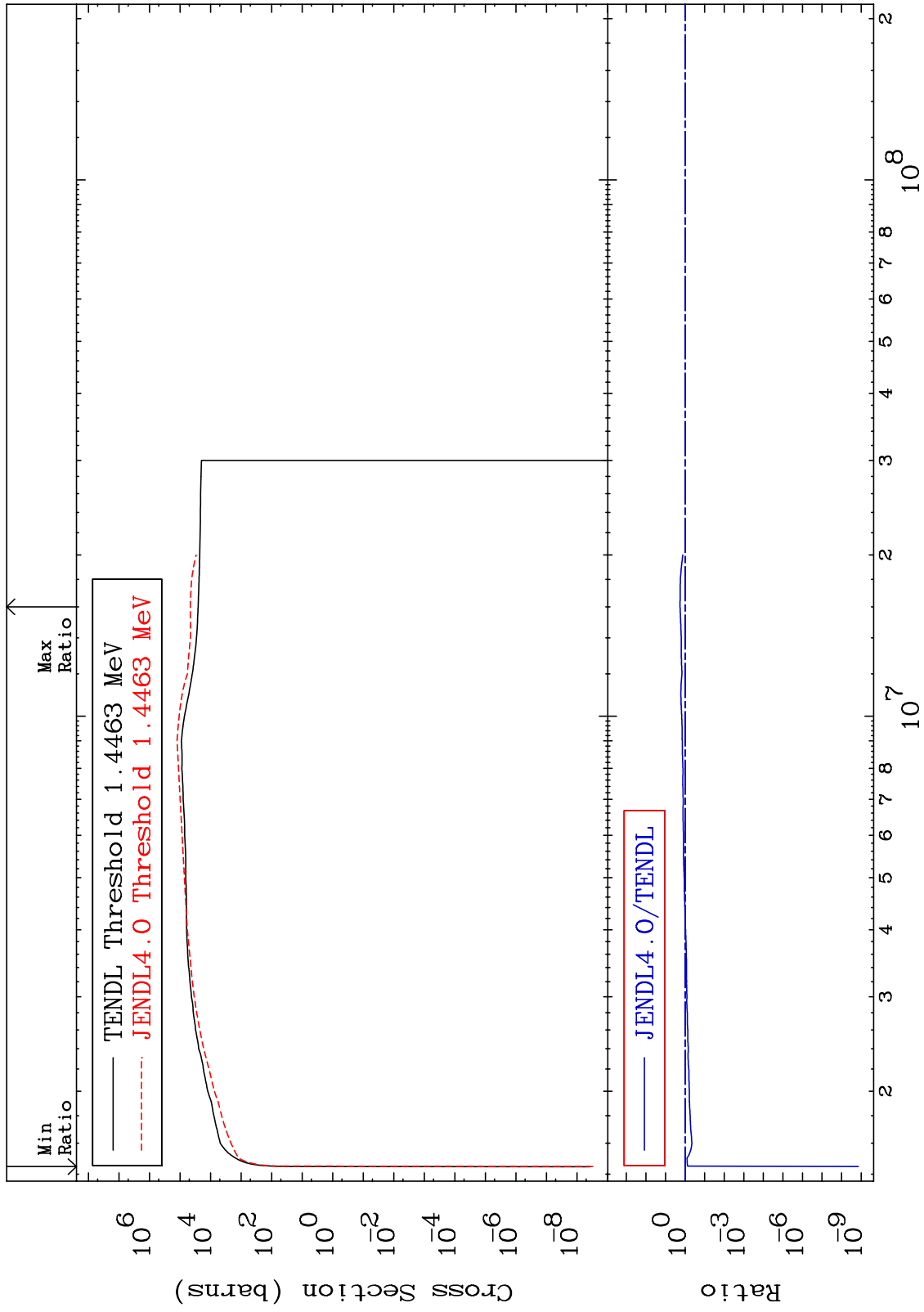
Incident Energy (eV)

56-Ba-138

MAT 5649

Dpa inelastic (mt51-91)
Cross Section

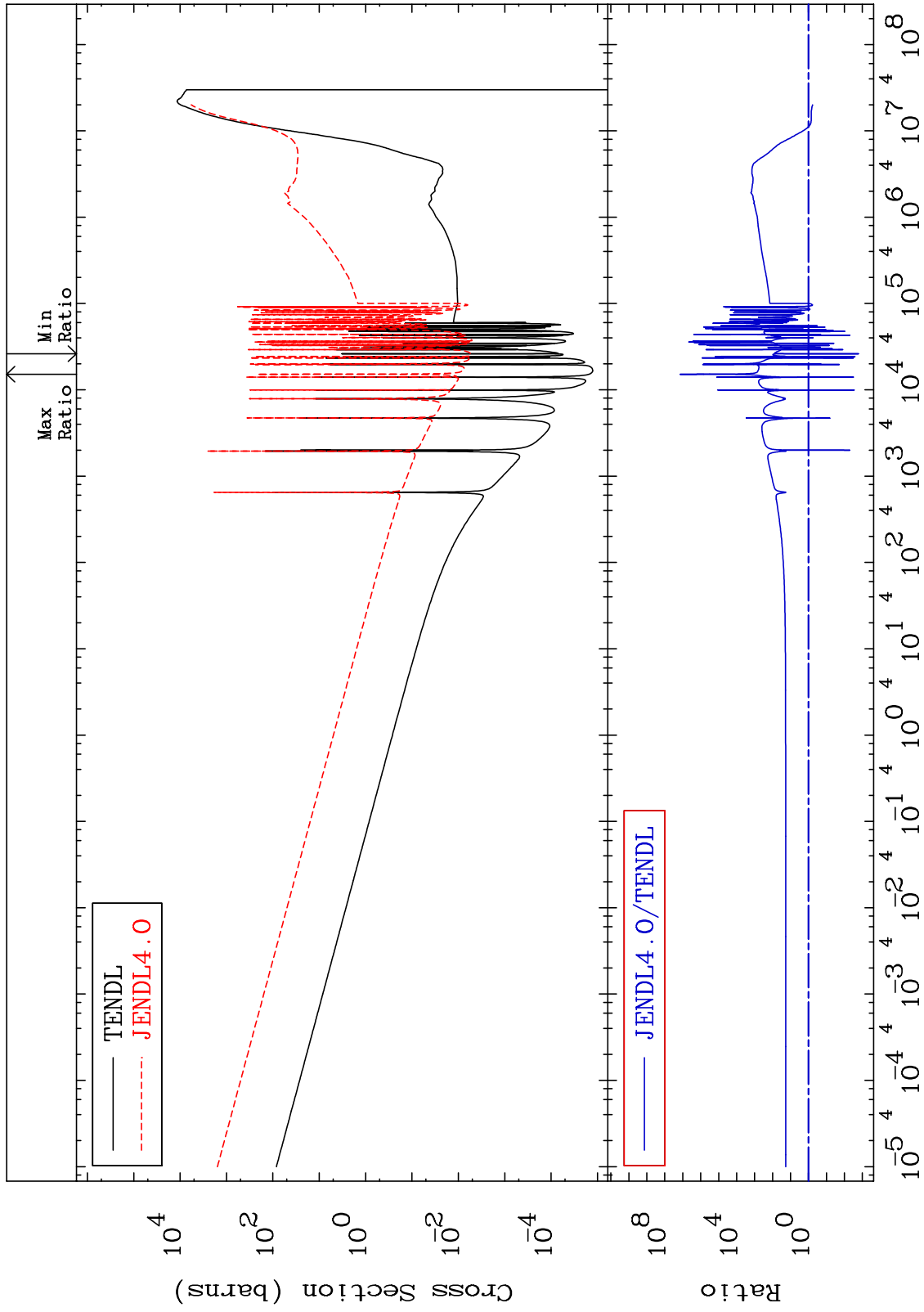
56-Ba-138
-100.0 To 81.60 %



MAT 5649

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-138
-99.83 To 9999. %



48

Incident Energy (eV)

56-Ba-138