

Program Complot
(Version 2018-1)

by

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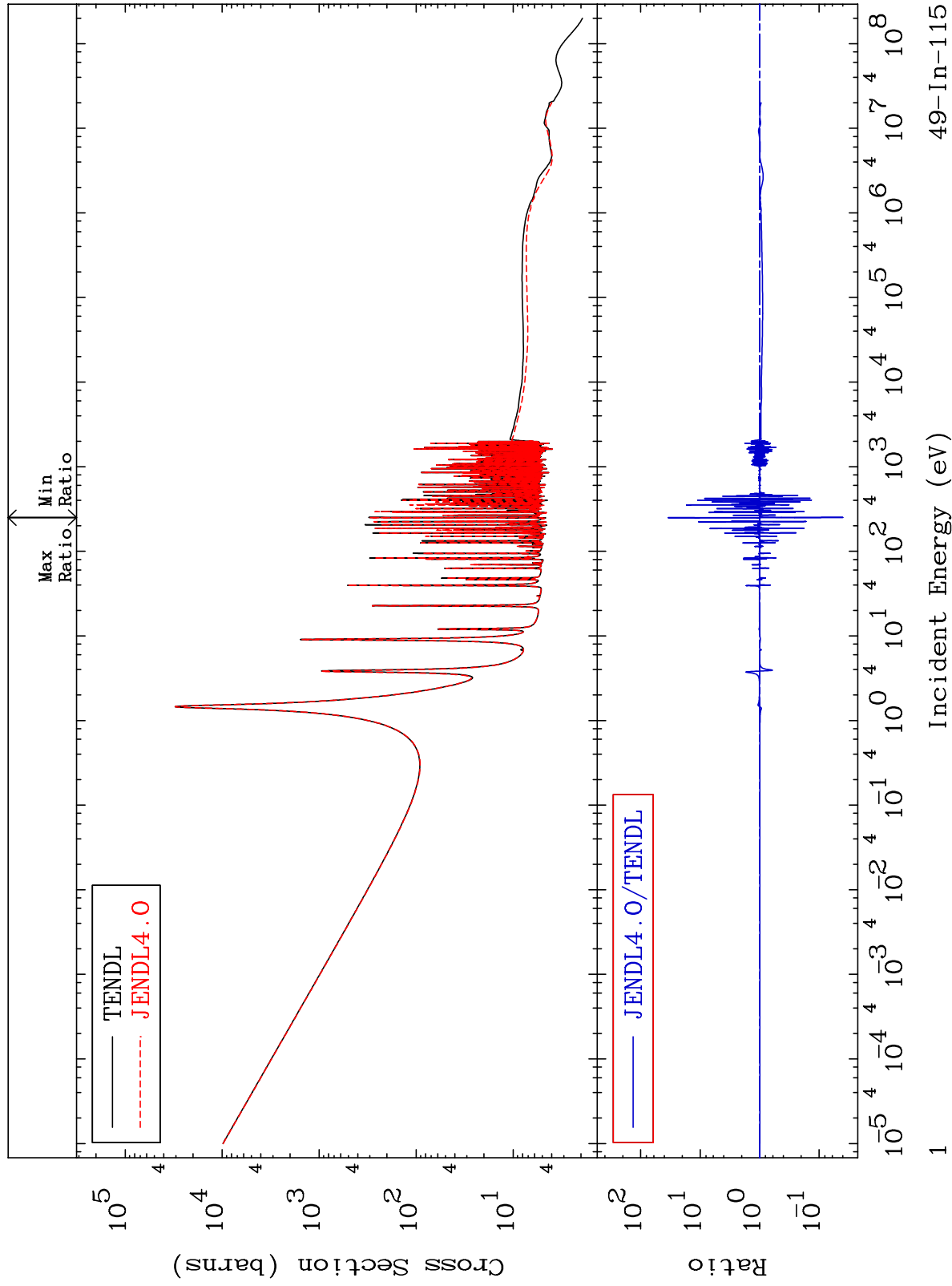
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4931

Total
Cross Section

49-In-115
-96.01 To 3367. %



49-In-115

Incident Energy (eV)

1

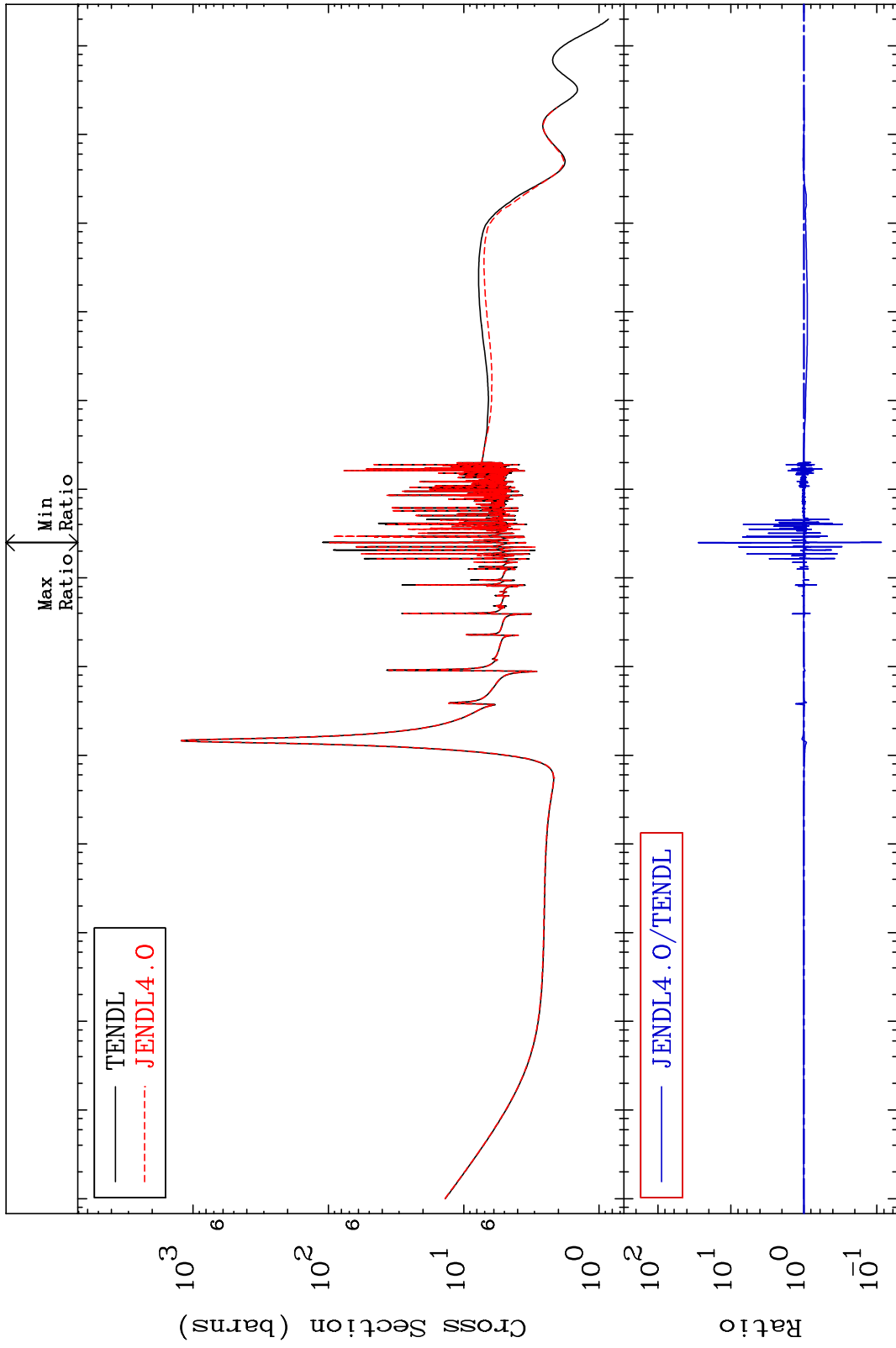
MAT 4931

Elastic

49-In-115

Cross Section

-91.38 To 2704. %



2

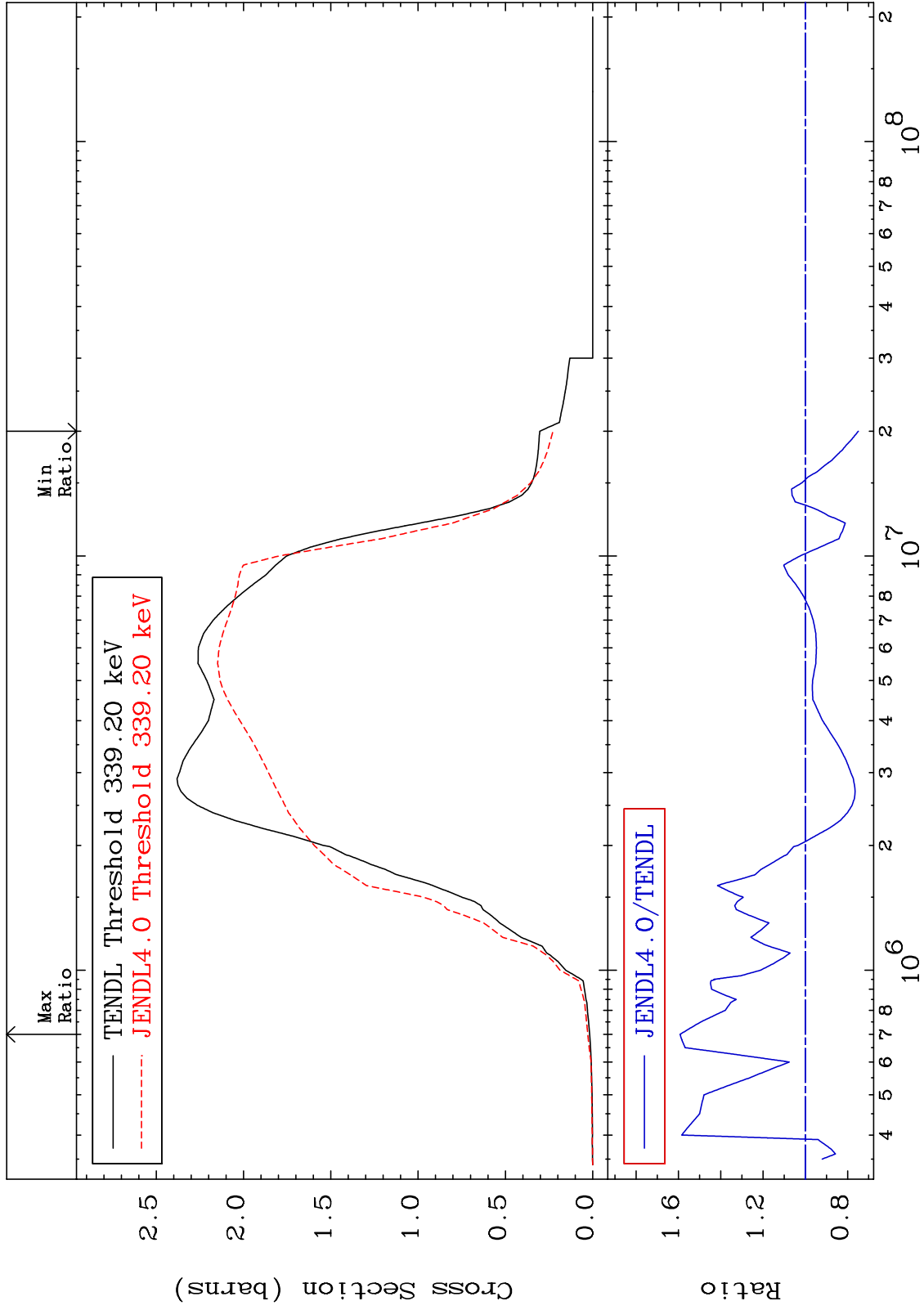
Incident Energy (eV)

49-In-115

MAT 4931

Inelastic
Cross Section

49-In-115
-25.13 To 59.26 %



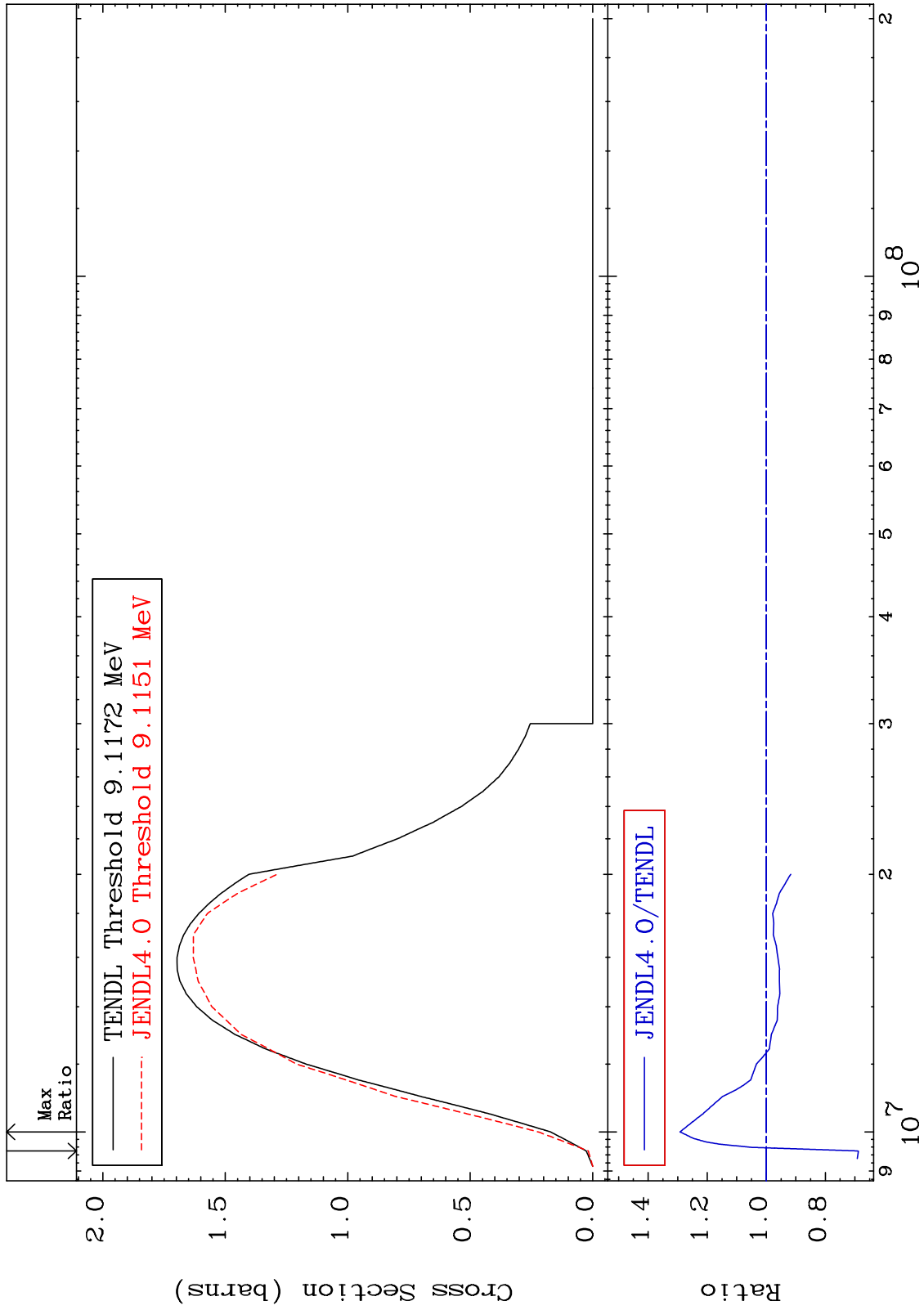
MAT 4931

(n,2n)

49-In-115

Cross Section

-31.19 To 29.20 %



49-In-115

4

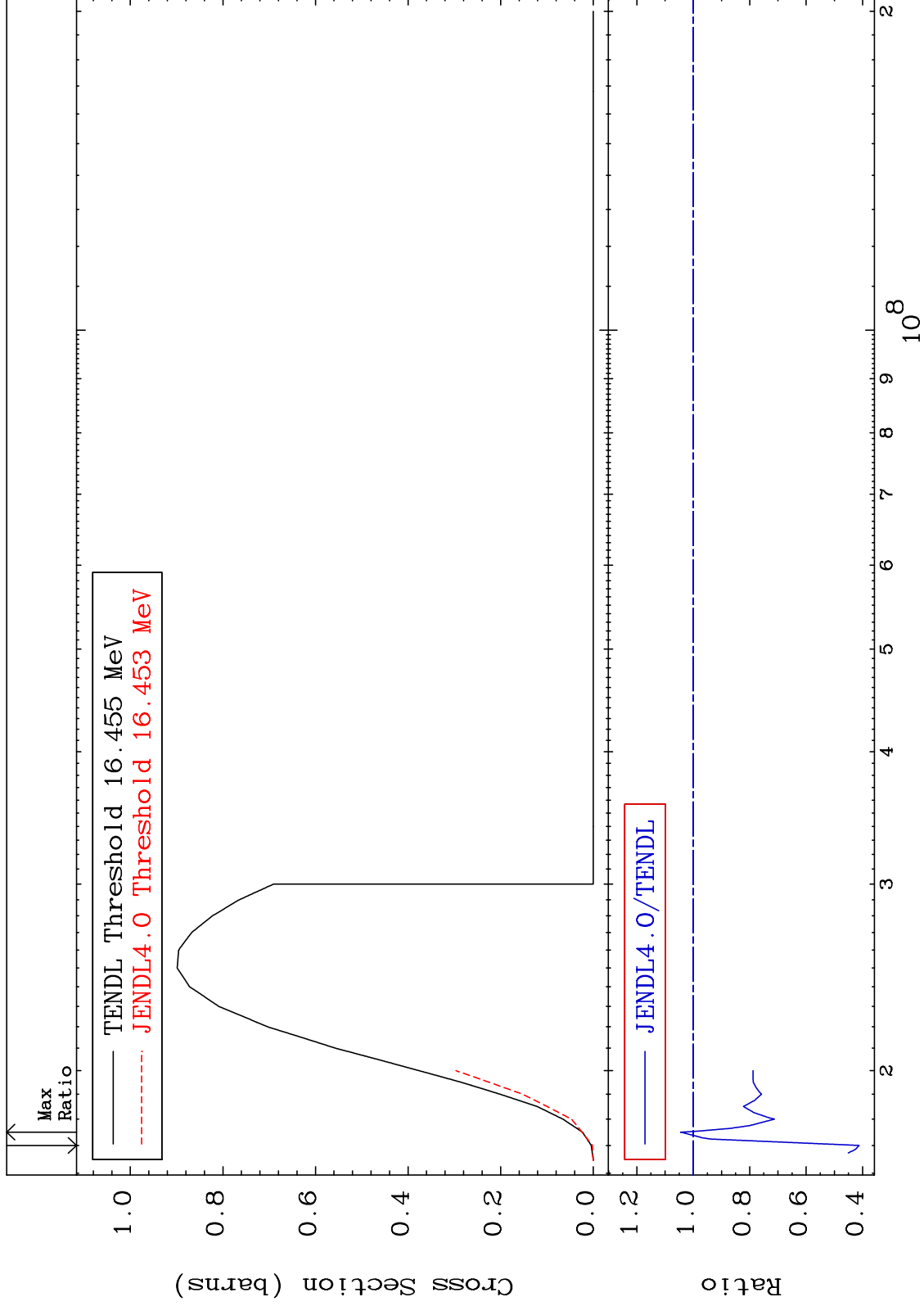
MAT 4931

(n,3n)

49-In-115

Cross Section

-58.79 To 4.490 %



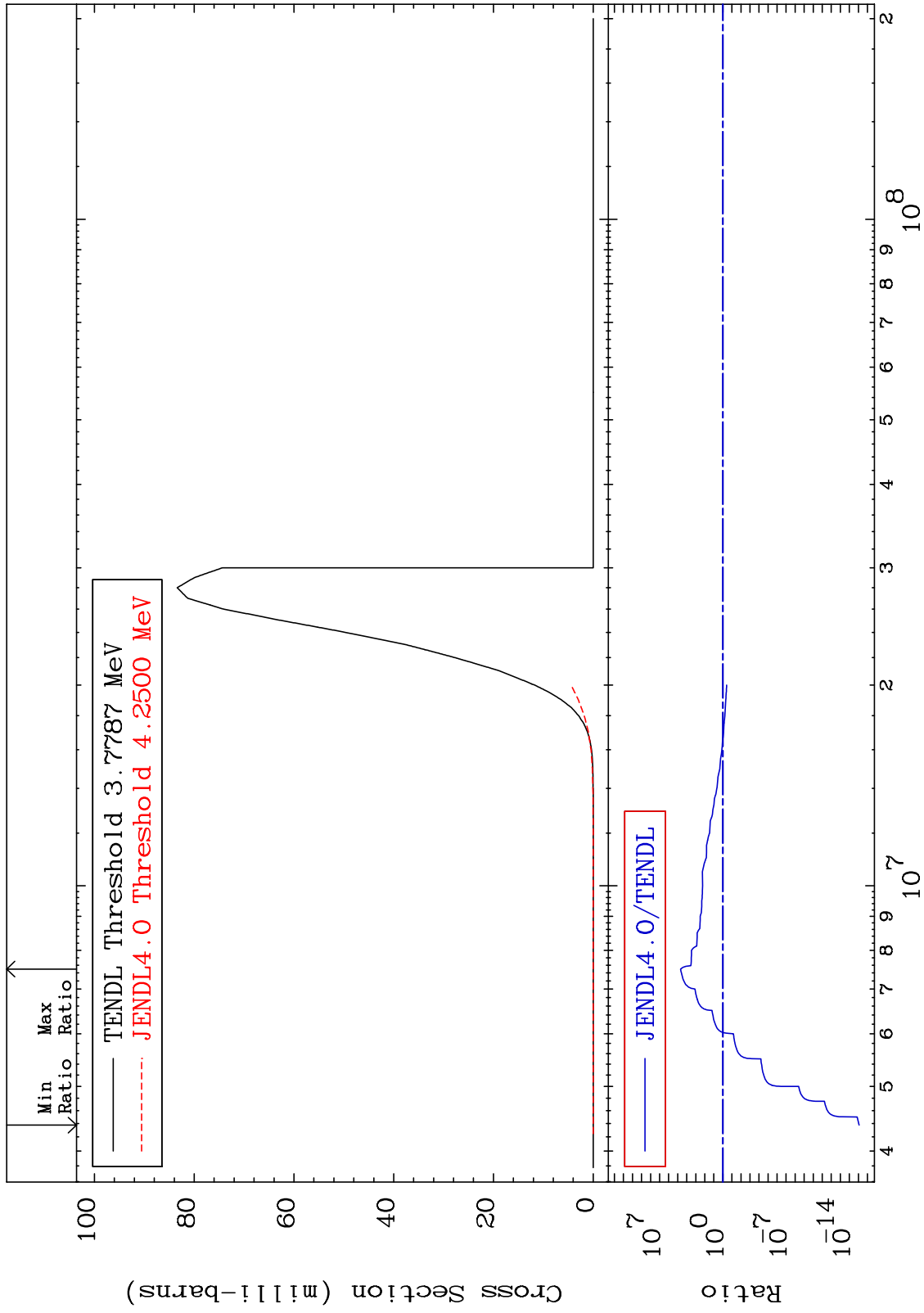
MAT 4931

(n,n') α

49-In-115

-100.0 To 9999. %

Cross Section



6

Incident Energy (eV)

49-In-115

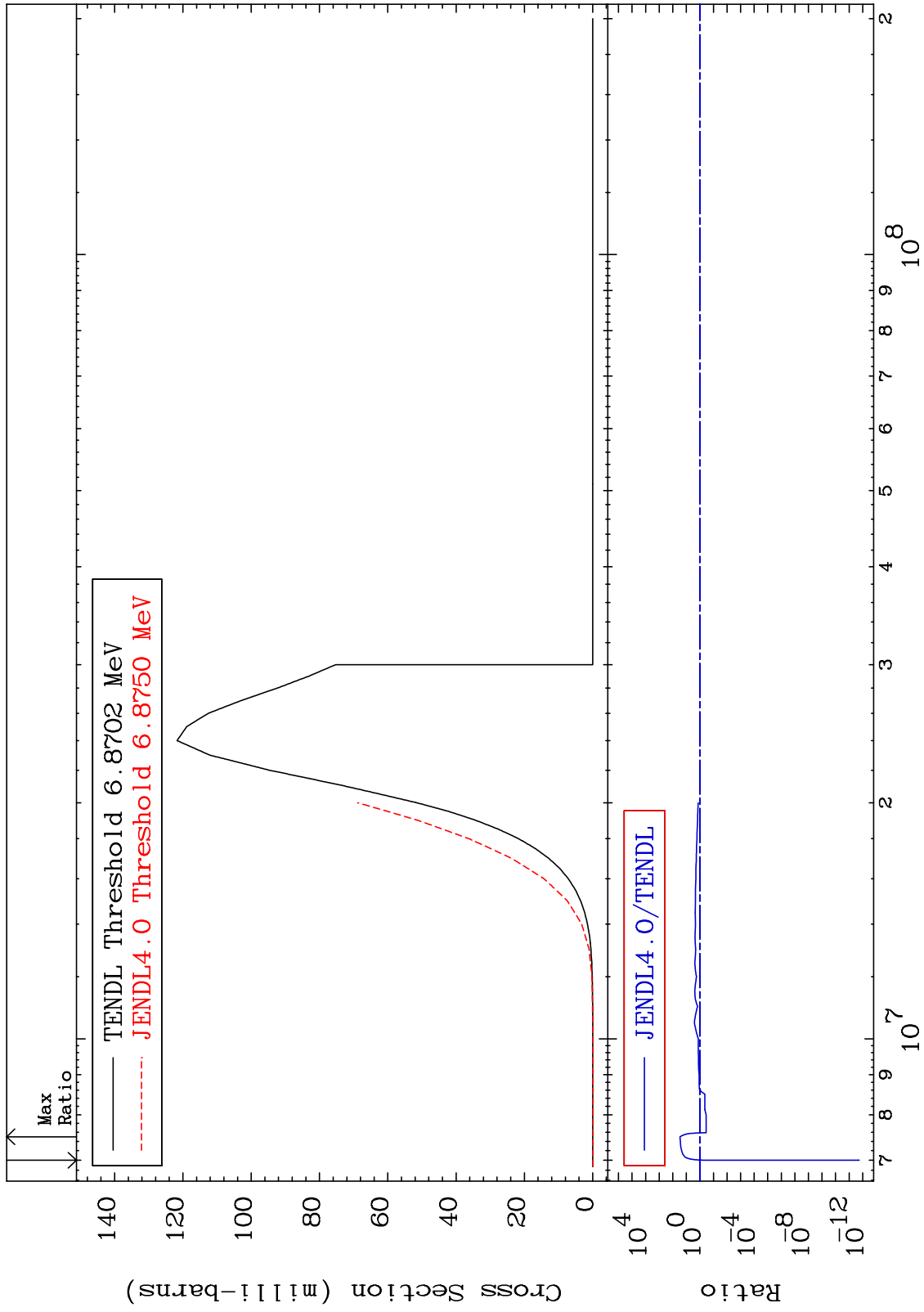
MAT 4931

(n,n') p

49-In-115

Cross Section

-100.0 To 2819. %



7

Incident Energy (eV)

49-In-115

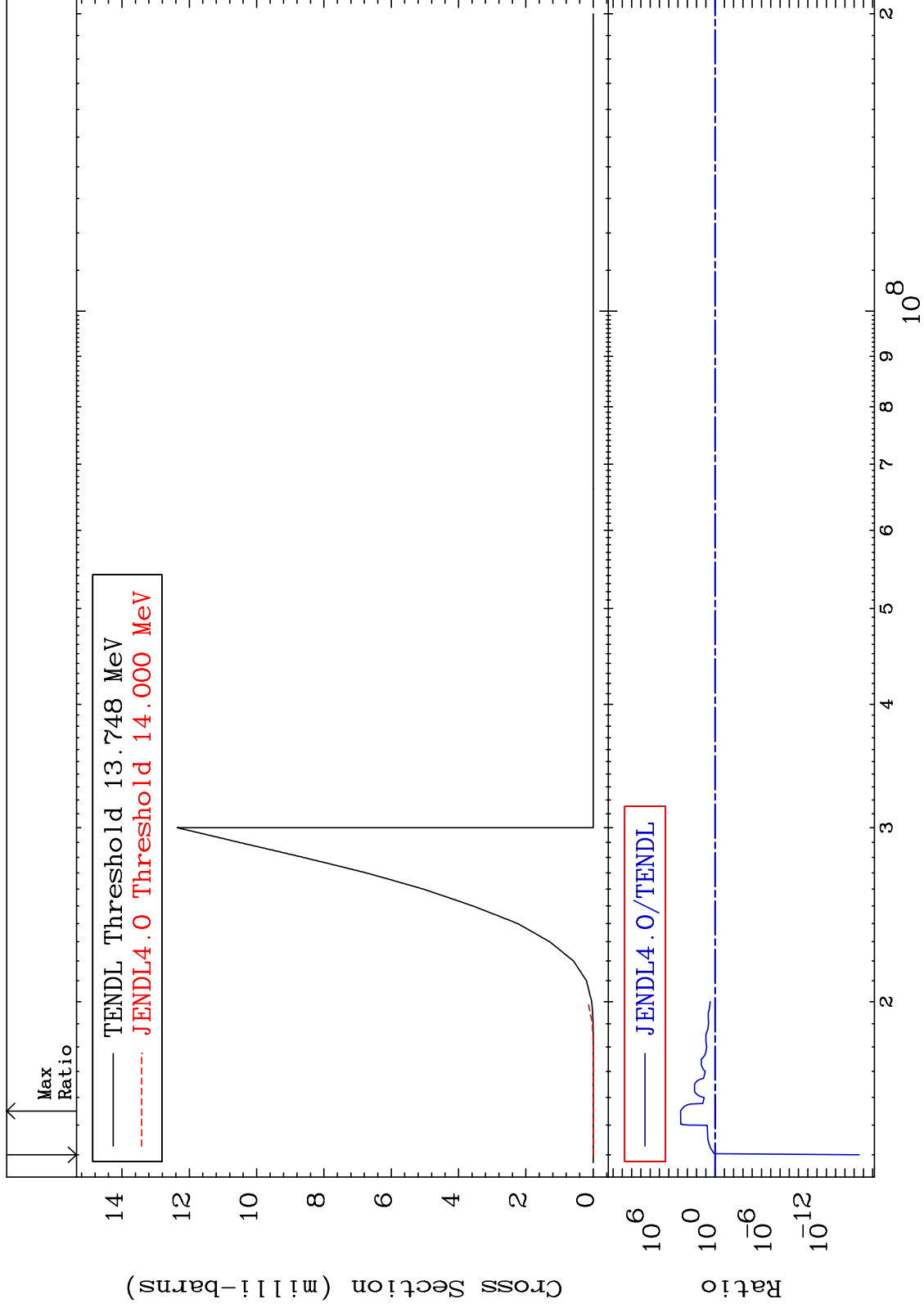
MAT 4931

(n,n') d

49-In-115

Cross Section

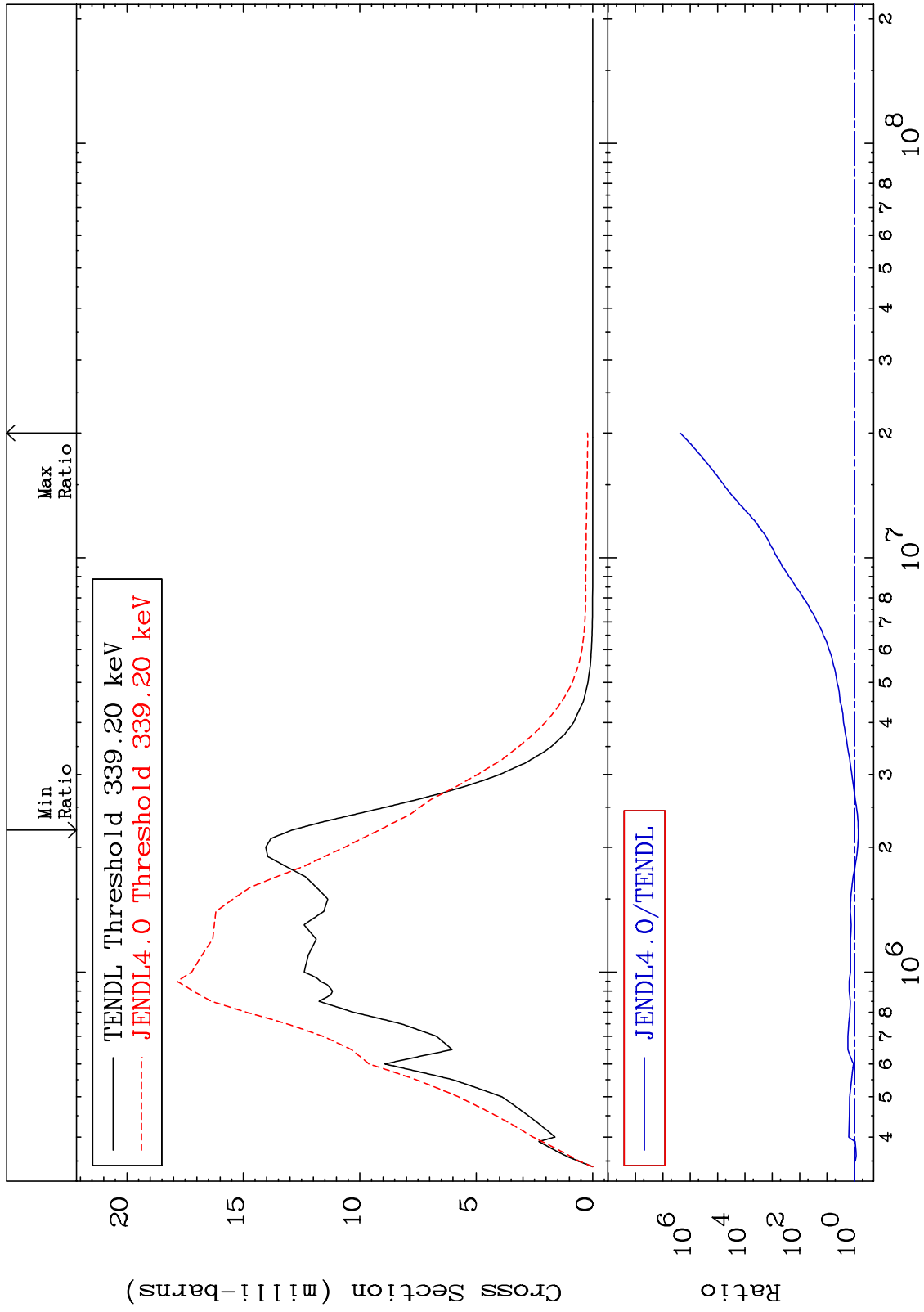
-100.0 To 9999. %



MAT 4931

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

49-In-115
-29.04 To 9999. %



9

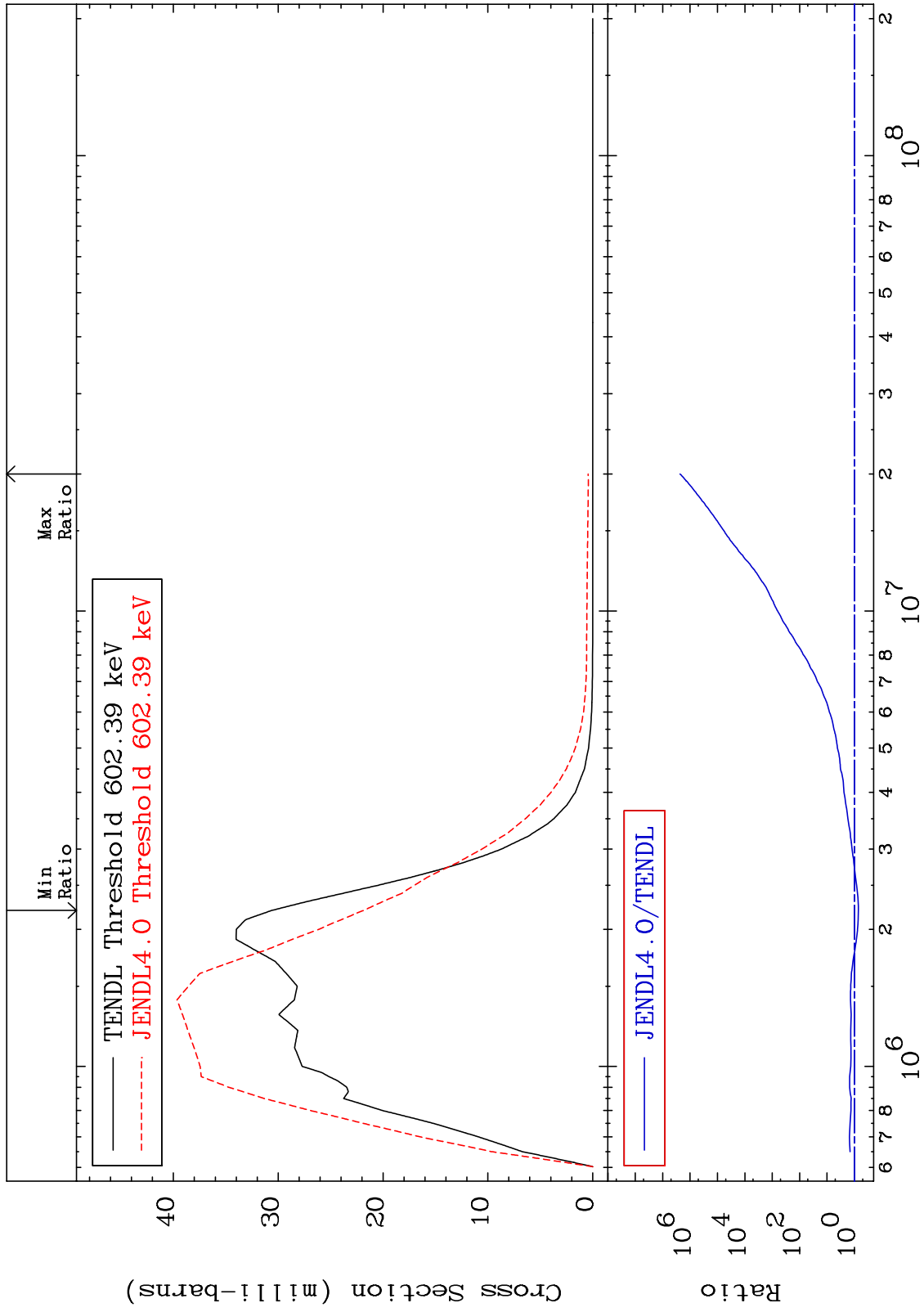
Incident Energy (eV)

49-In-115

MAT 4931

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

49-In-115
-28.61 To 9999. %

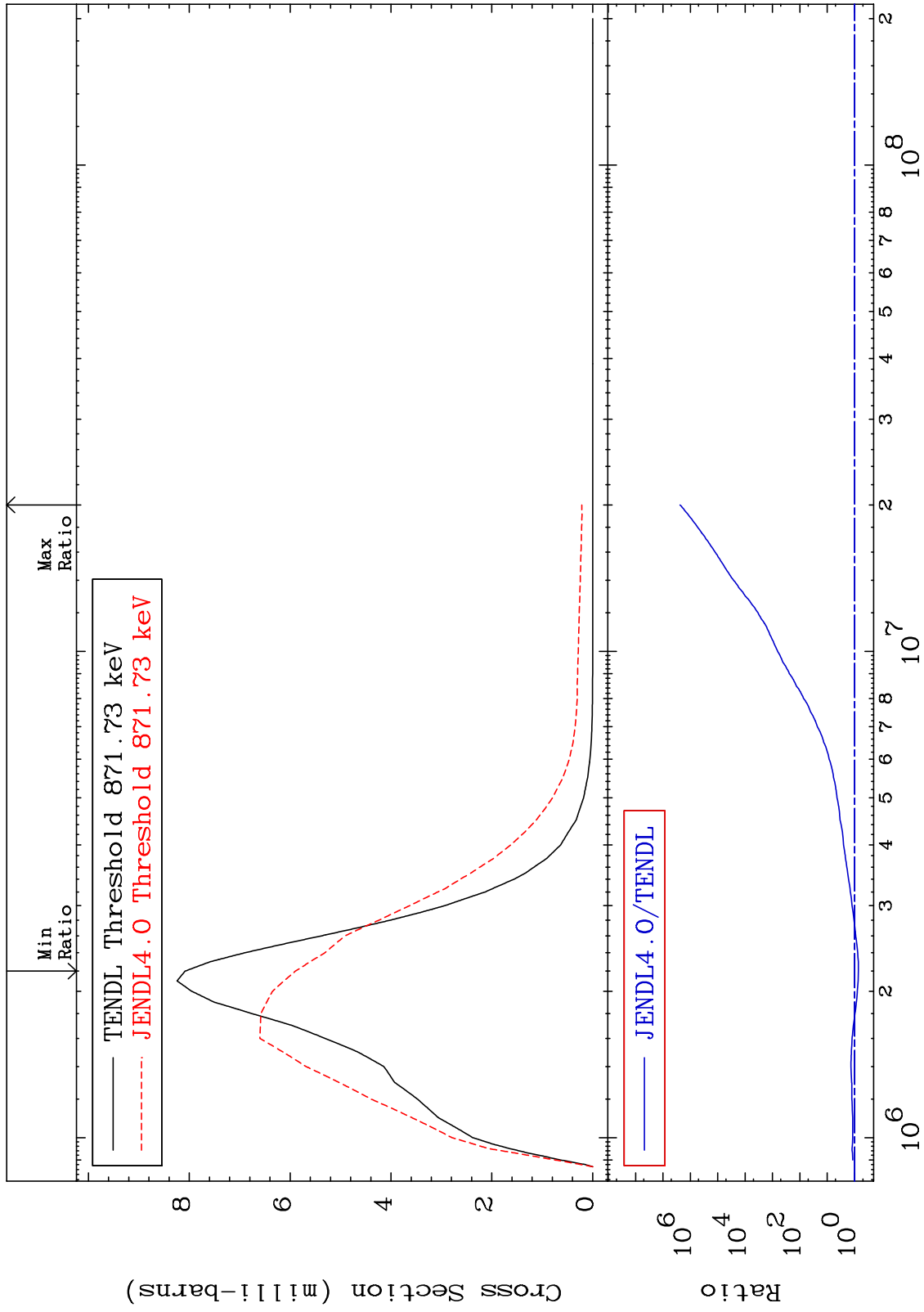


10 10⁶ 10⁷ 10⁸ 49-In-115

MAT 4931

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

49-In-115
-27.08 To 9999. %



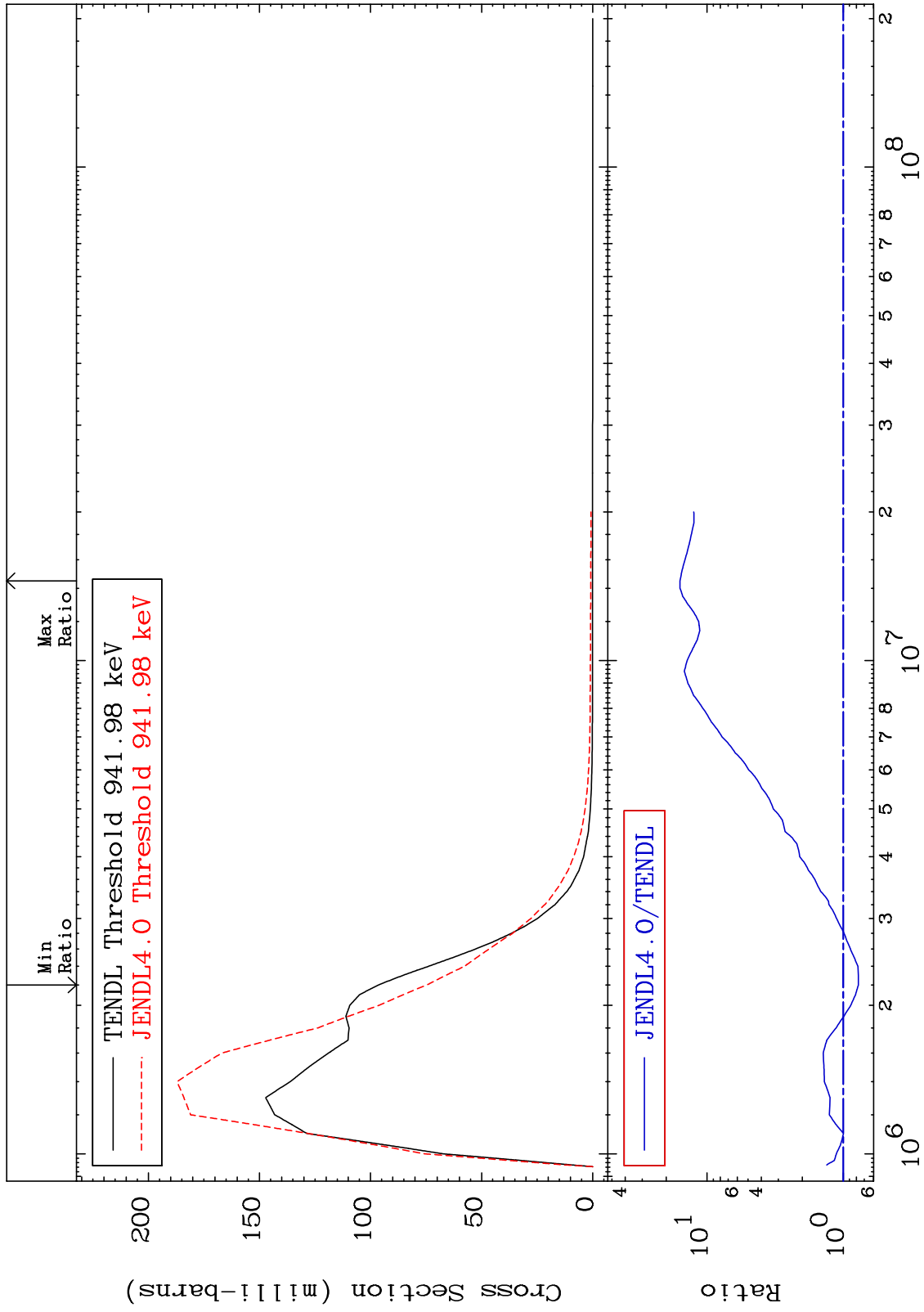
12

49-In-115

MAT 4931

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

49-In-115
-22.64 To 1481. %



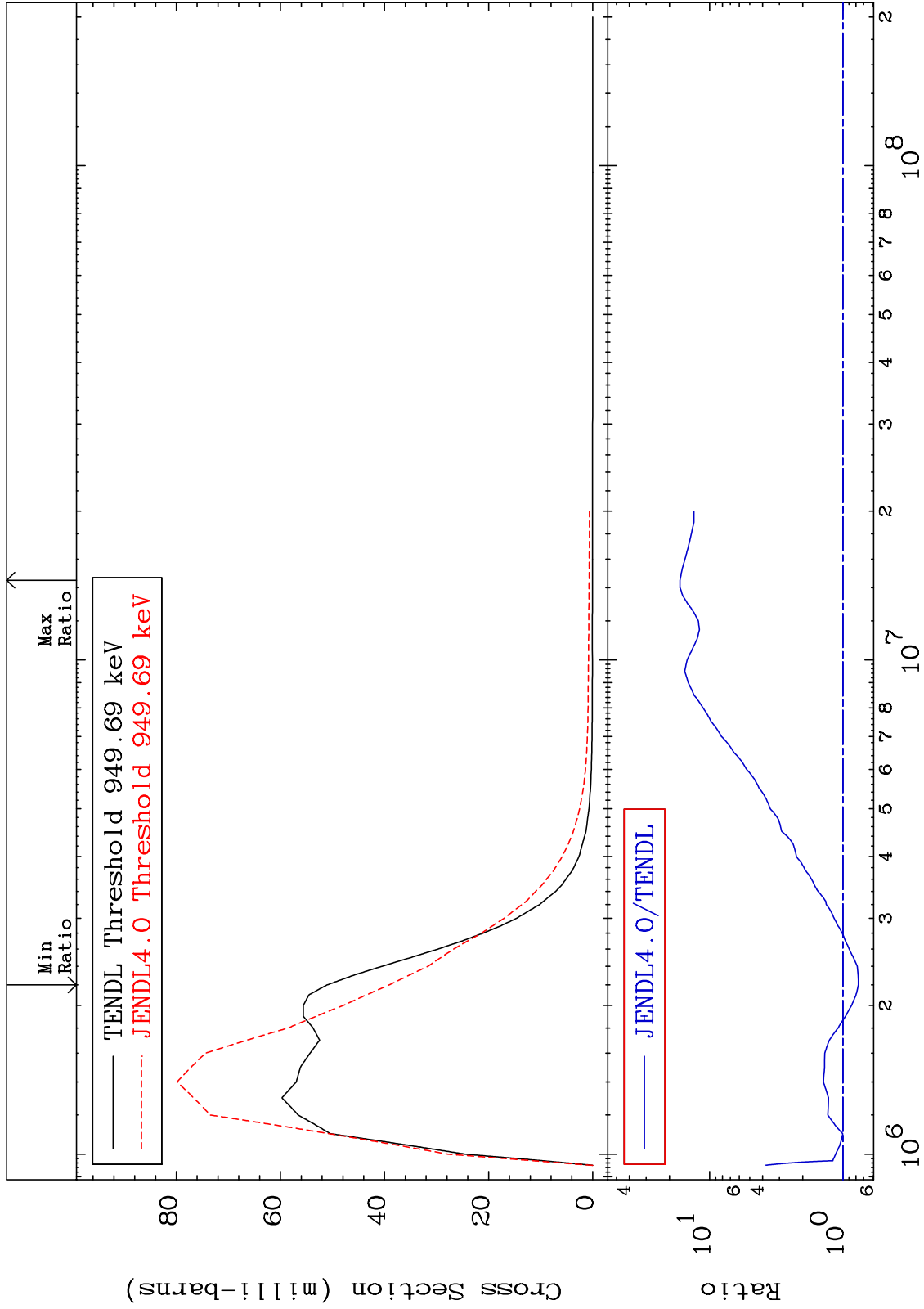
49-In-115

13

MAT 4931

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

49-In-115
-23.42 To 1569. %



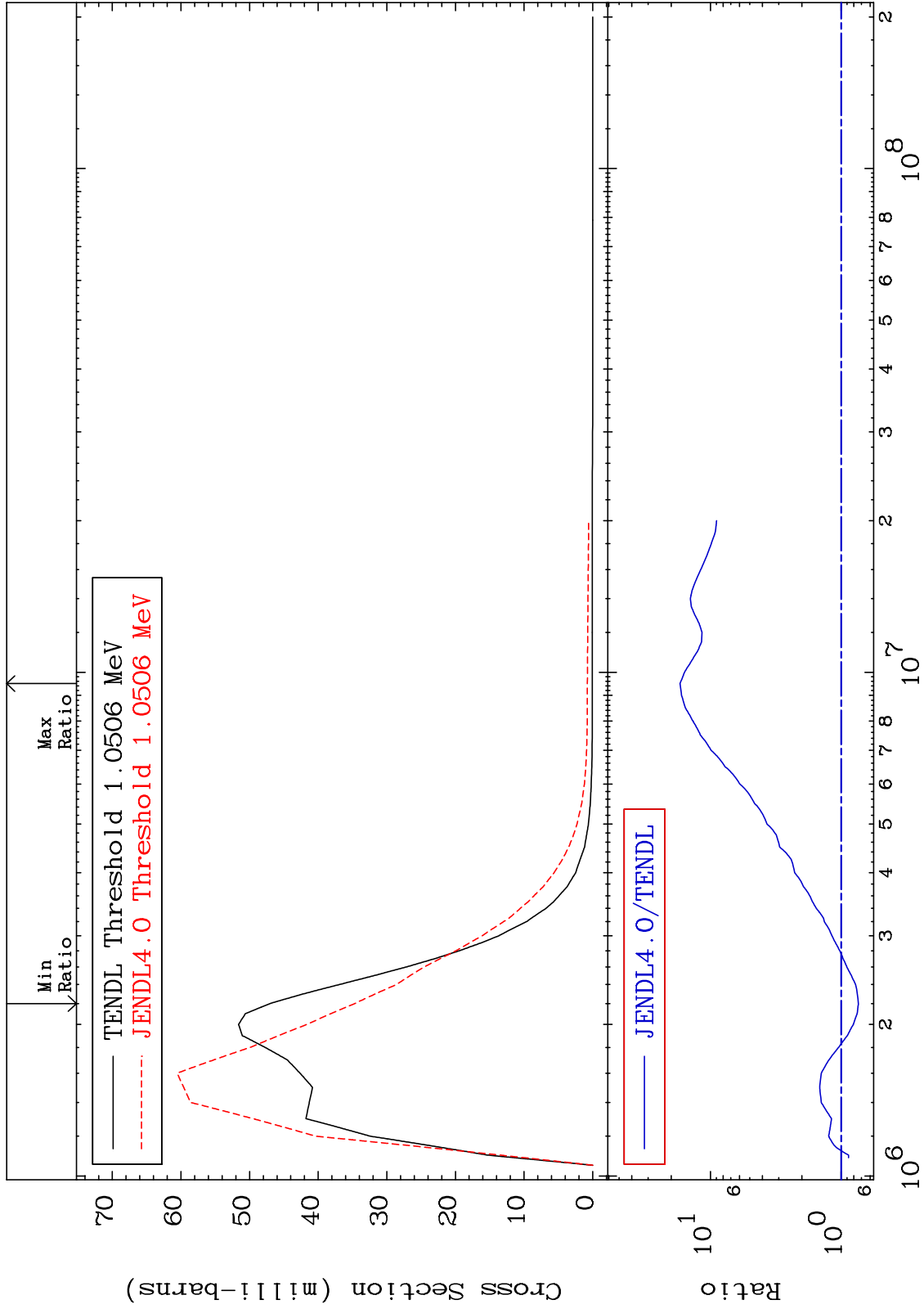
14

49-In-115

MAT 4931

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

49-In-115
-26.26 To 1610. %



15

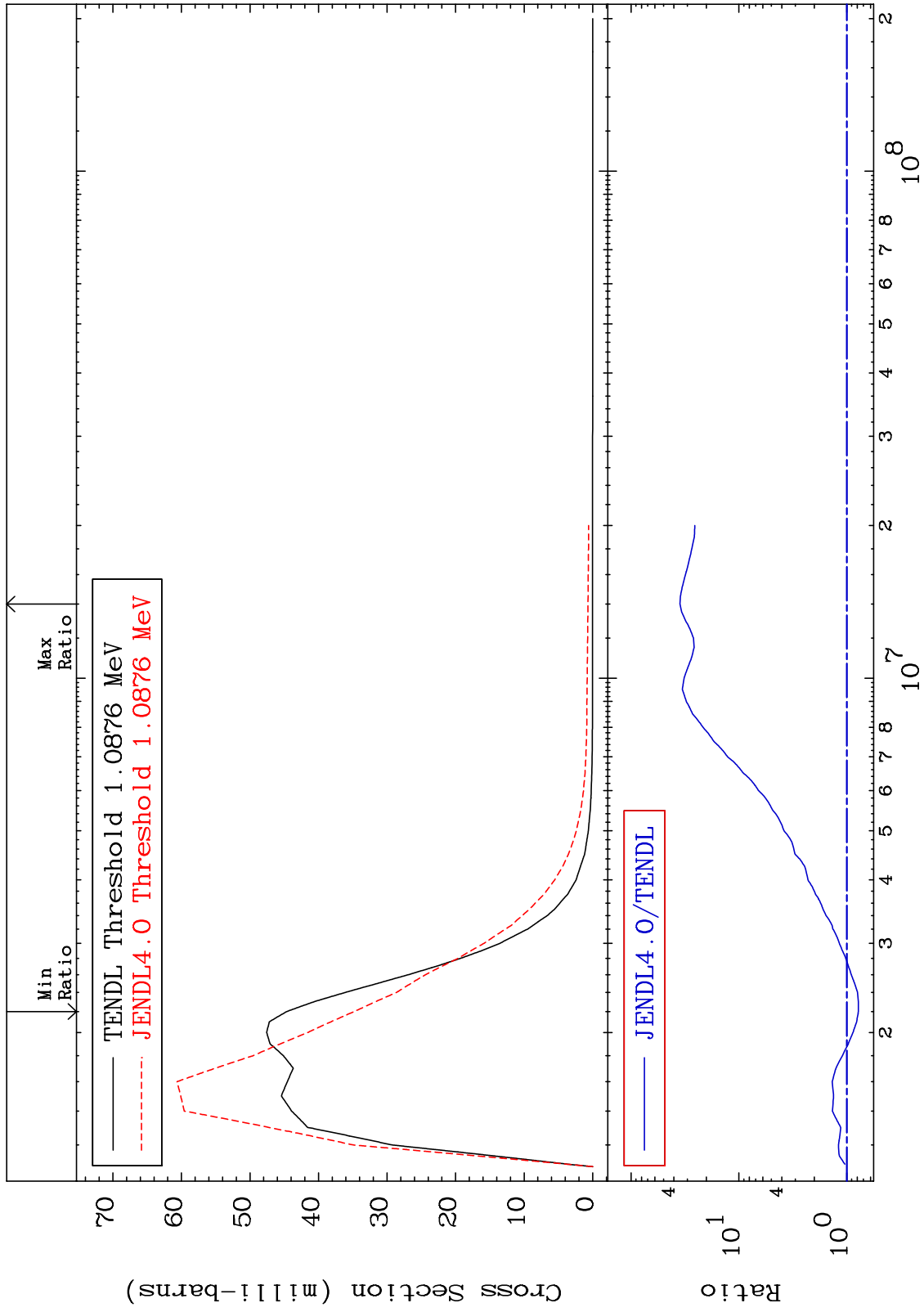
Incident Energy (eV)

49-In-115

MAT 4931

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

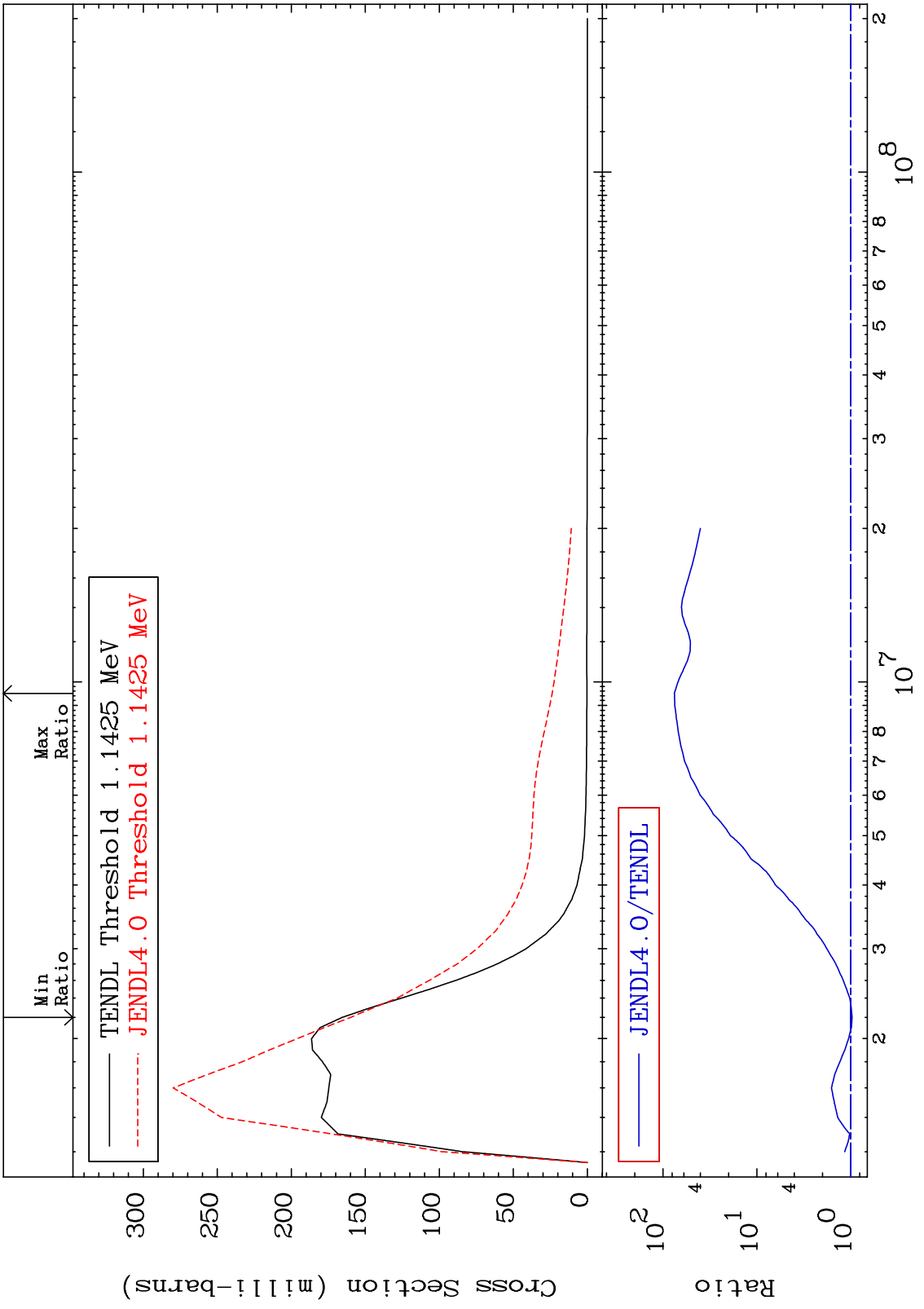
49-In-115
-22.08 To 3413. %



MAT 4931

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

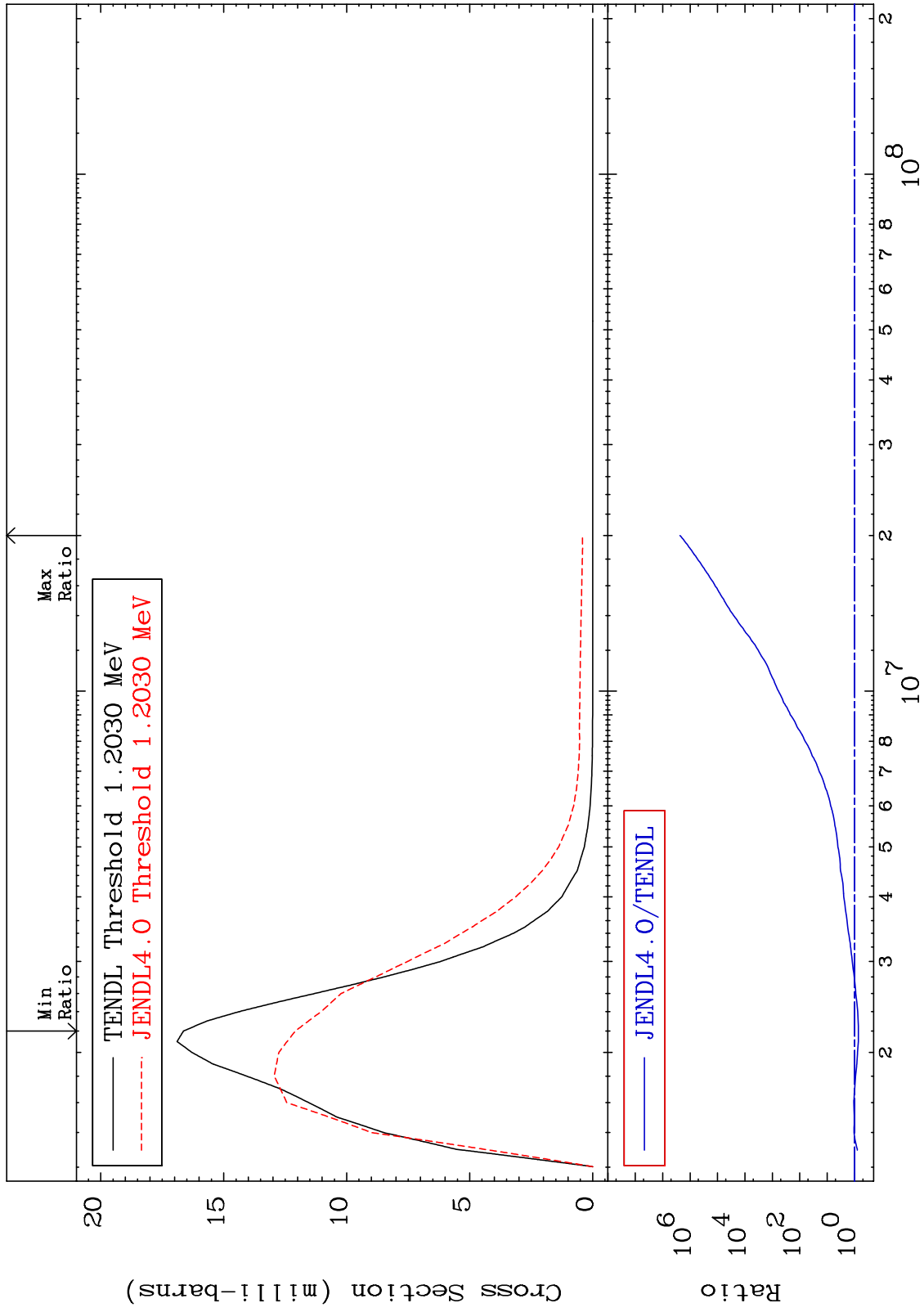
49-In-115
-3.439 To 7471. %



MAT 4931

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

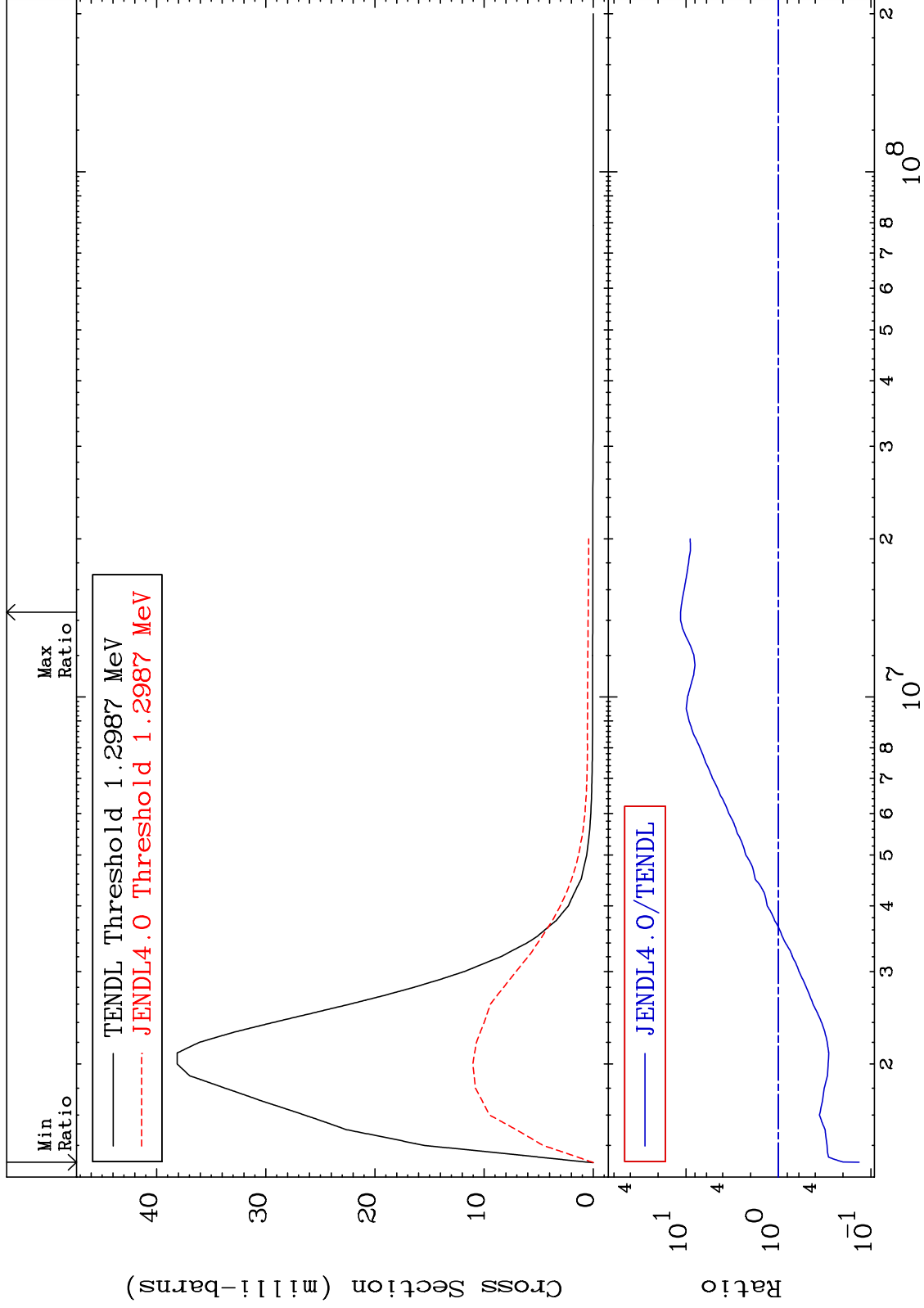
49-In-115
-27.34 To 9999. %



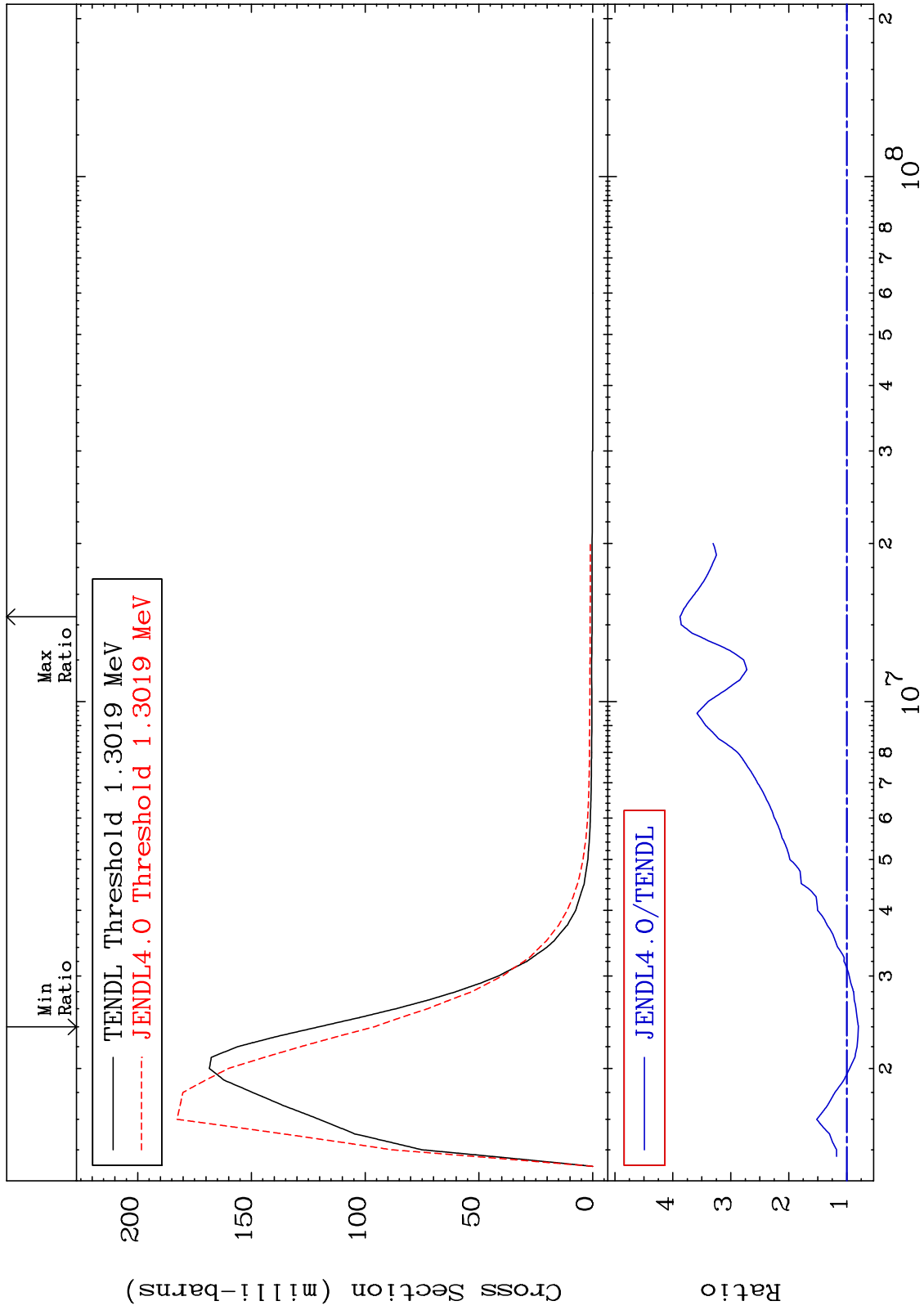
MAT 4931

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

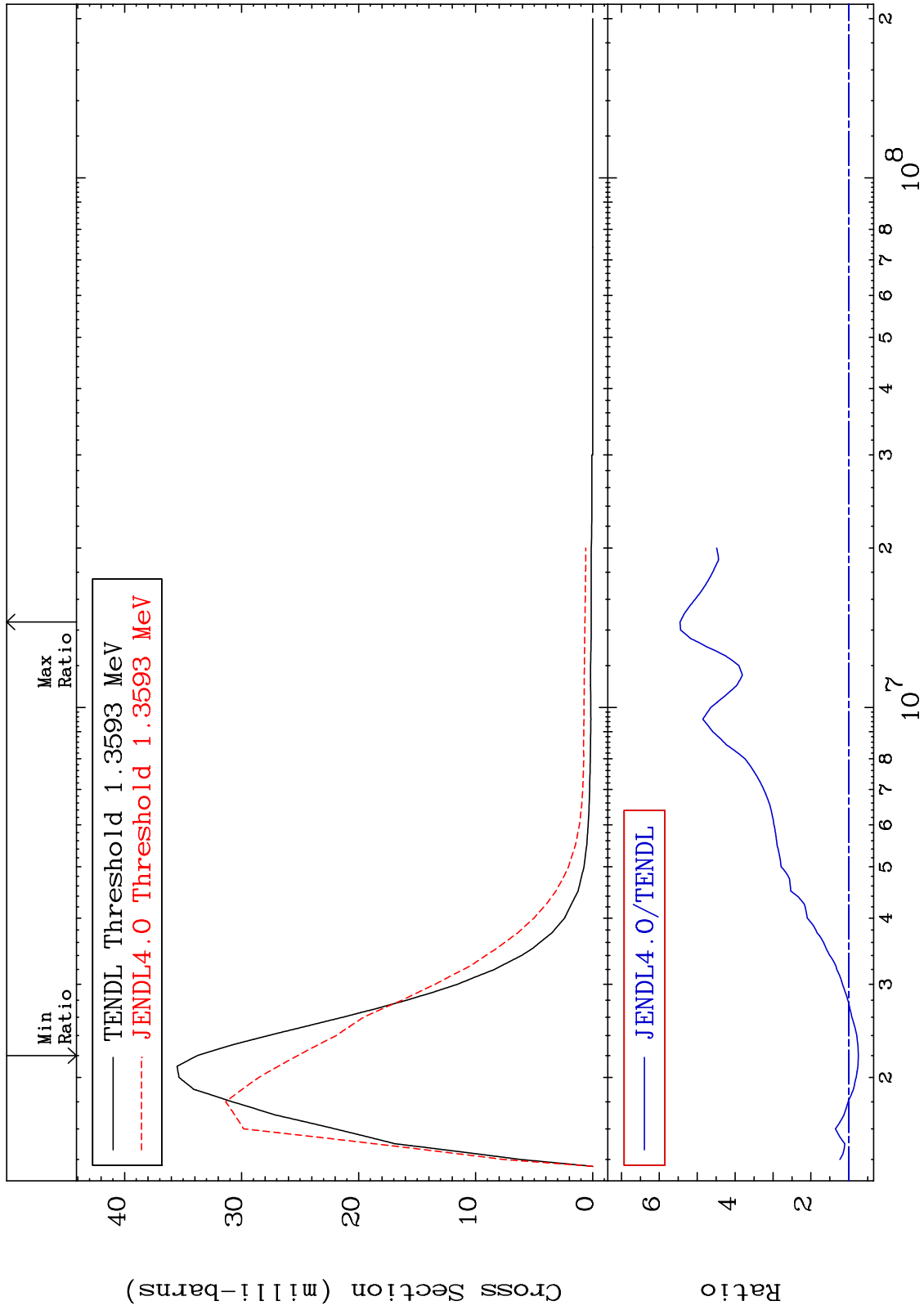
49-In-115
-86.62 To 1041. %



MAT 4931 MT= 62 (n,n') Level Cross Section 49-In-115 -20.15 To 287.6 %



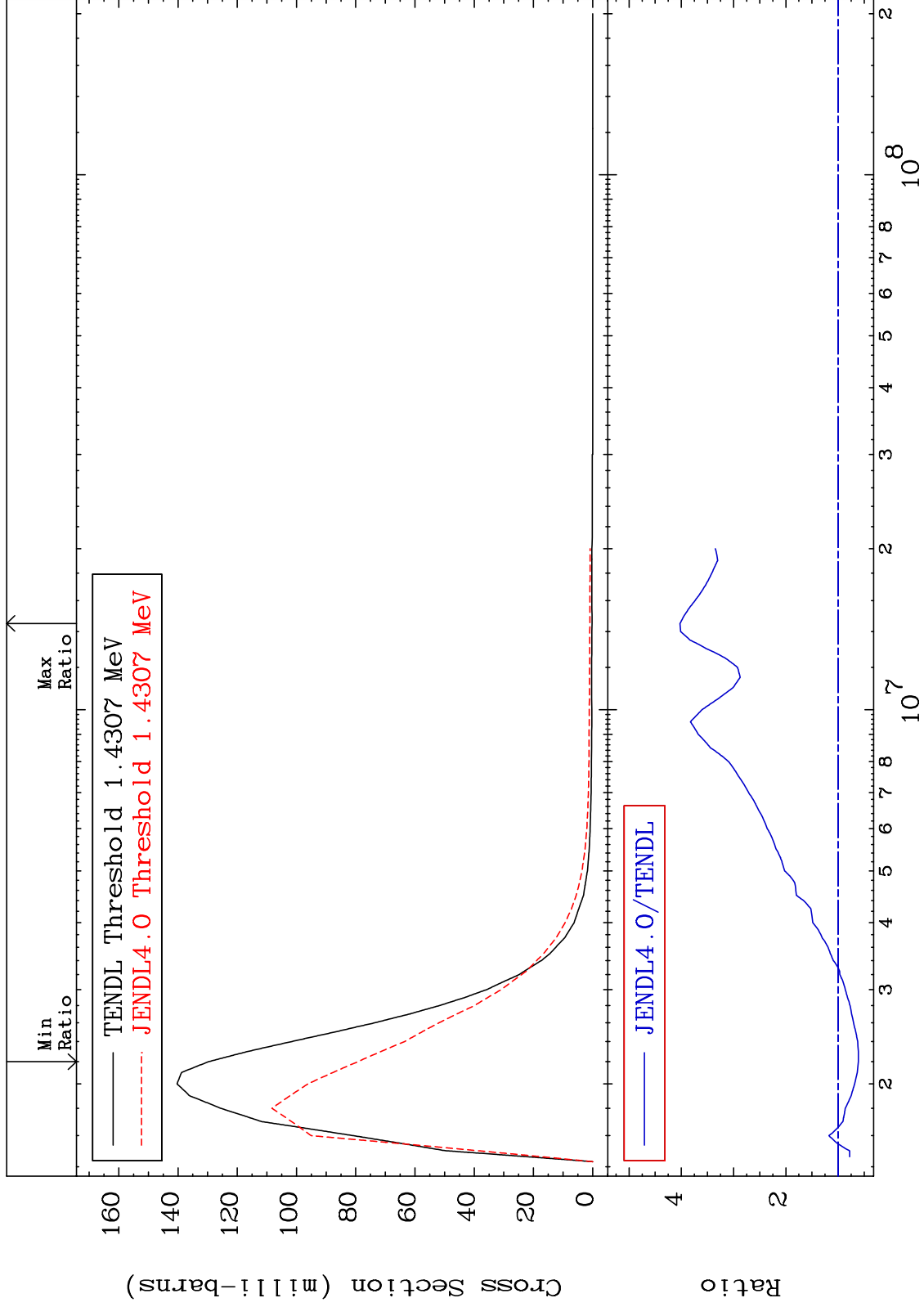
MAT 4931 MT= 63 (n,n') Level Cross Section 49-In-115 -25.38 To 445.4 %



MAT 4931

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

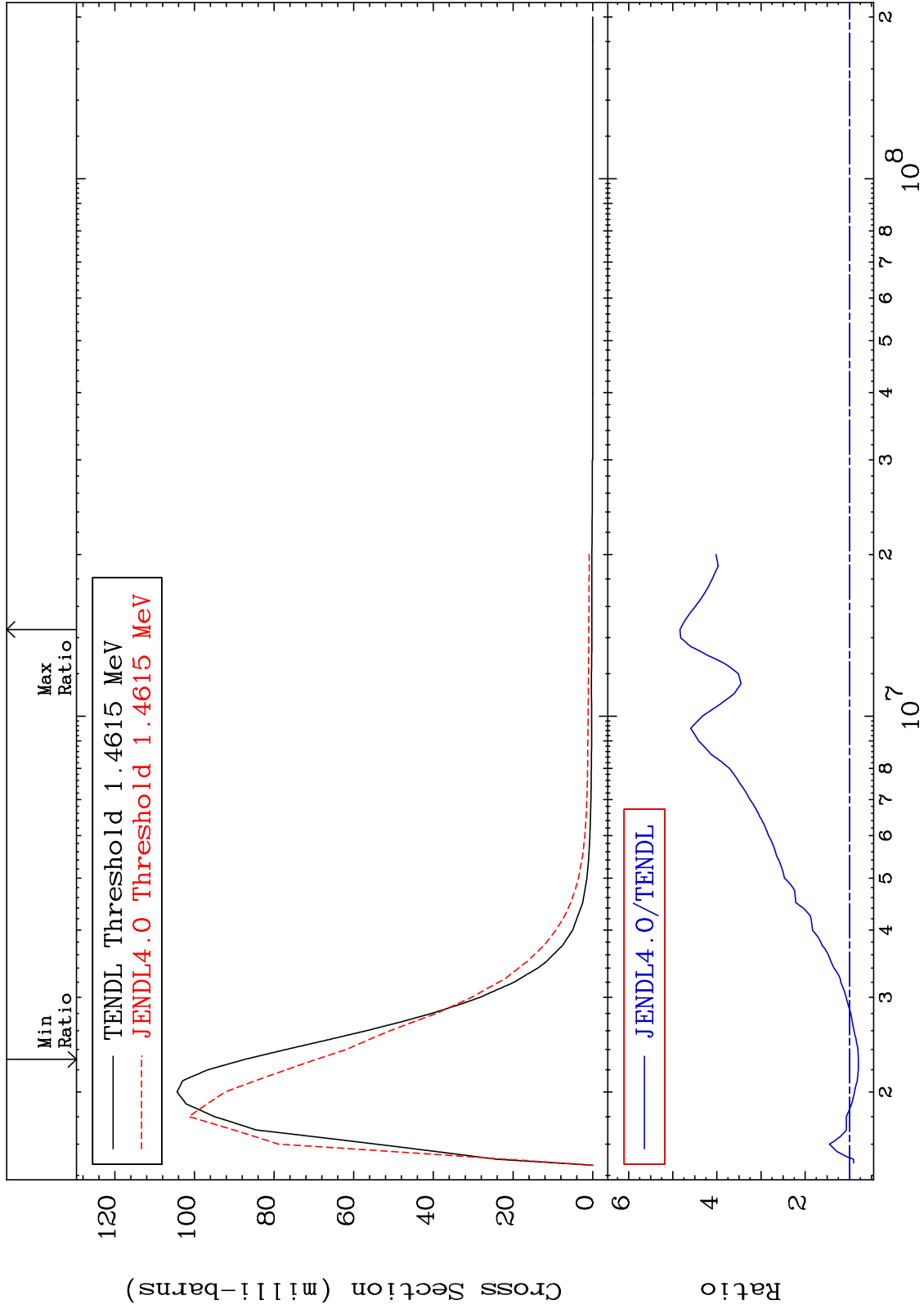
49-In-115
-38.84 To 302.5 %



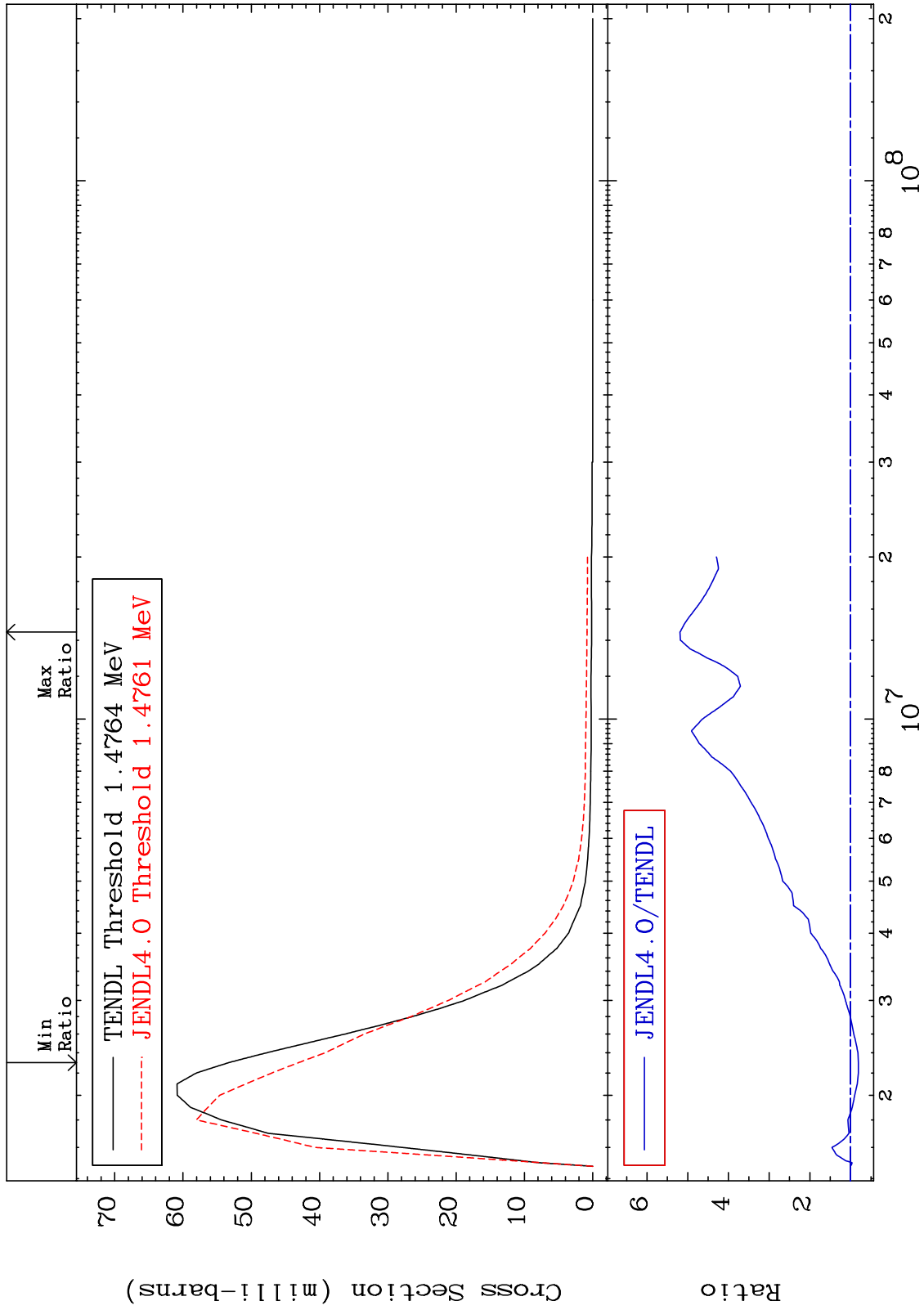
MAT 4931

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

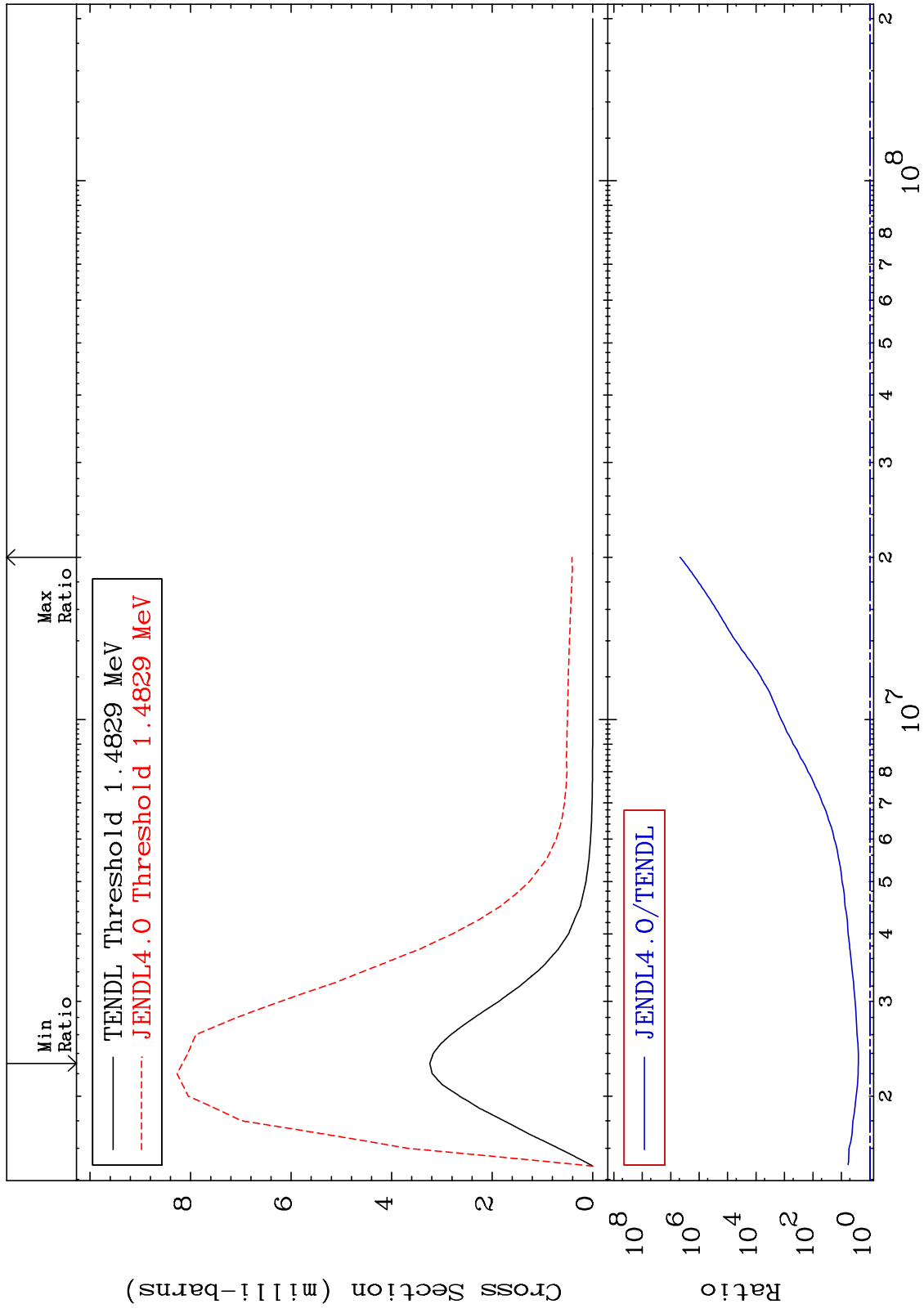
49-In-115
-20.56 To 383.5 %



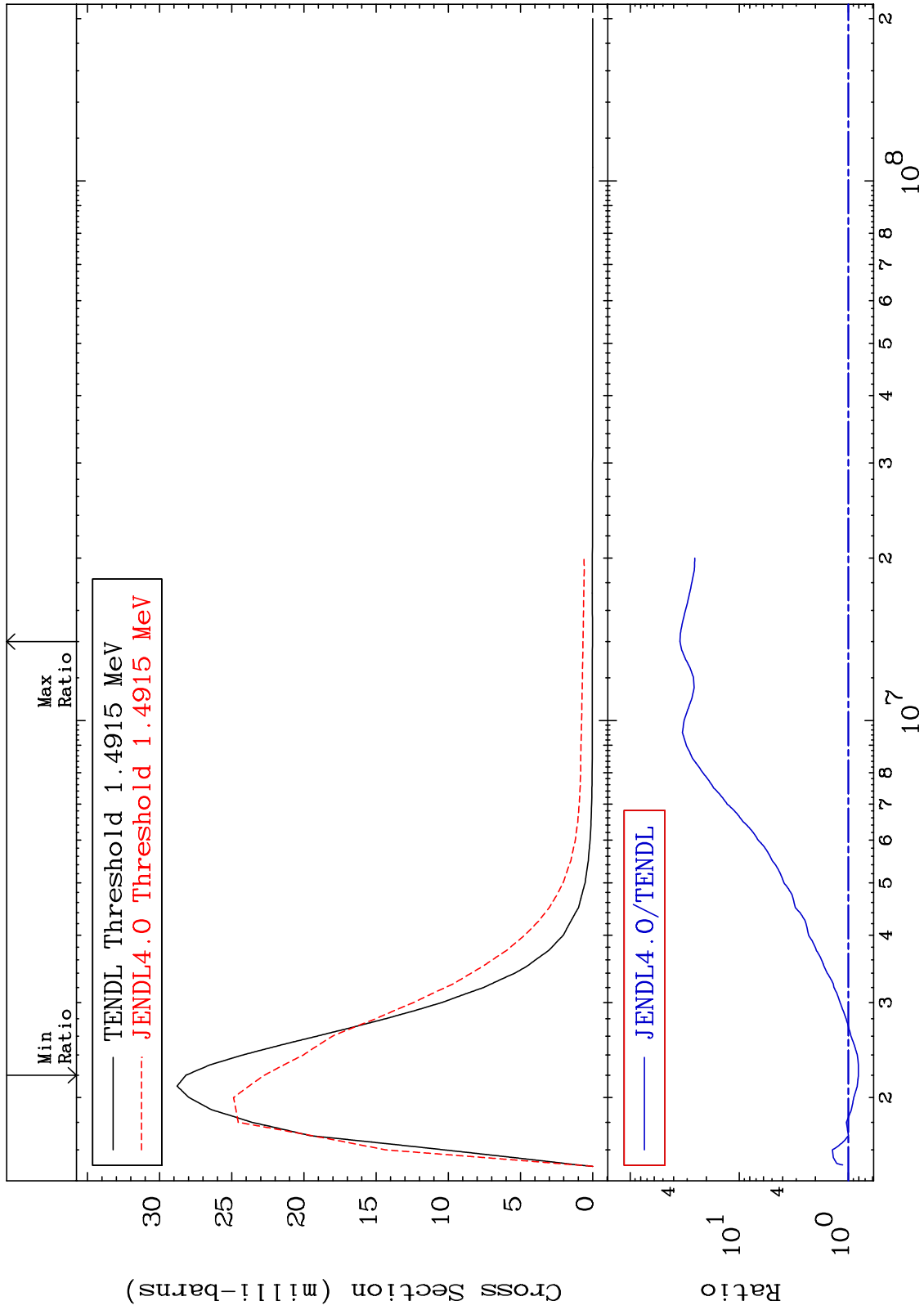
MAT 4931 MT= 66 (n,n') Level 49-In-115
 Cross Section -19.23 To 419.0 %



MAT 4931 MT= 67 (n,n') Level 49-In-115
 Cross Section 152.0 To 9999. %



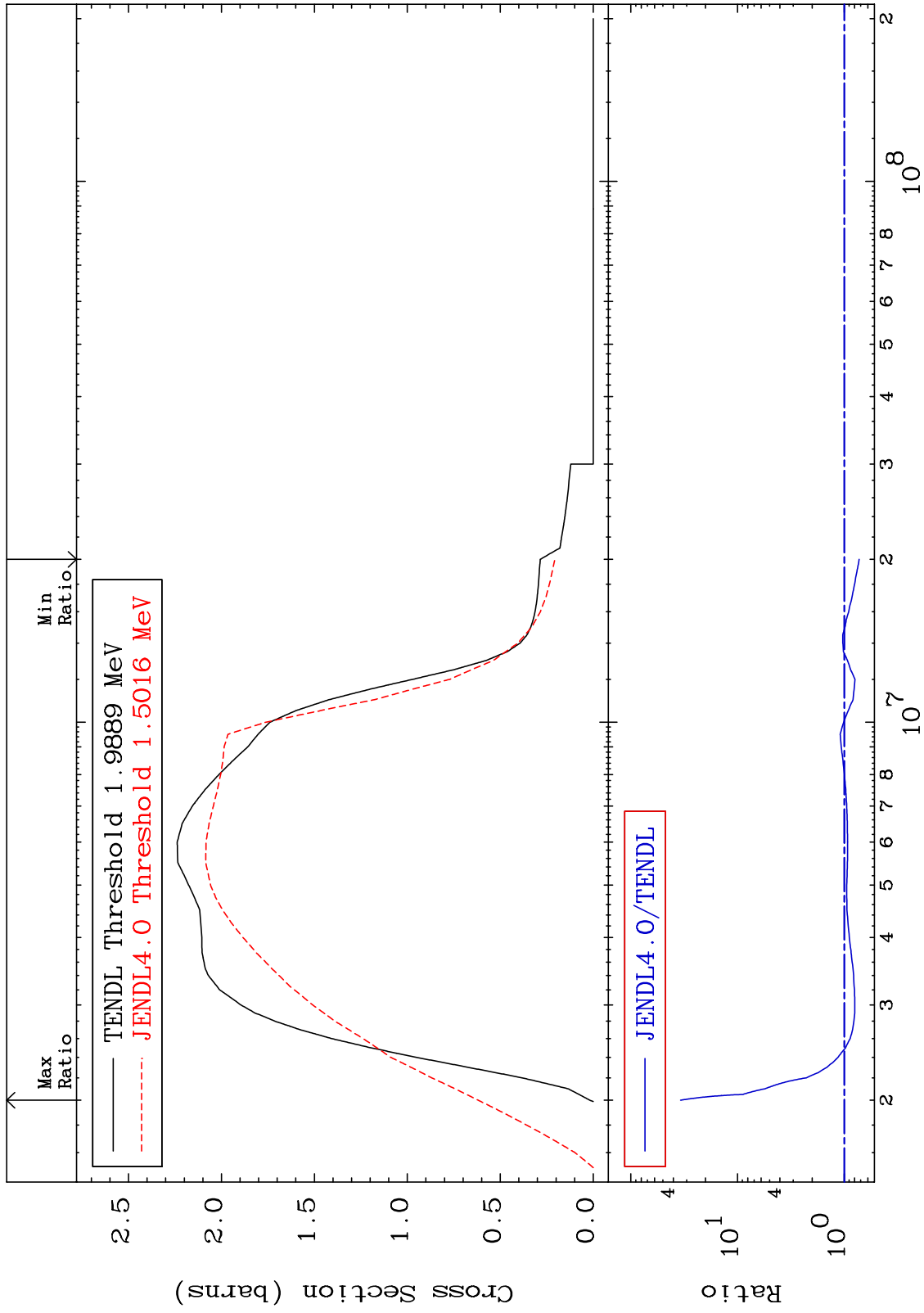
MAT 4931 MT= 68 (n,n') Level 49-In-115
 Cross Section -19.28 To 3388. %



MAT 4931

(n, n') Continuum
Cross Section

49-In-115
-27.59 To 3313. %



27

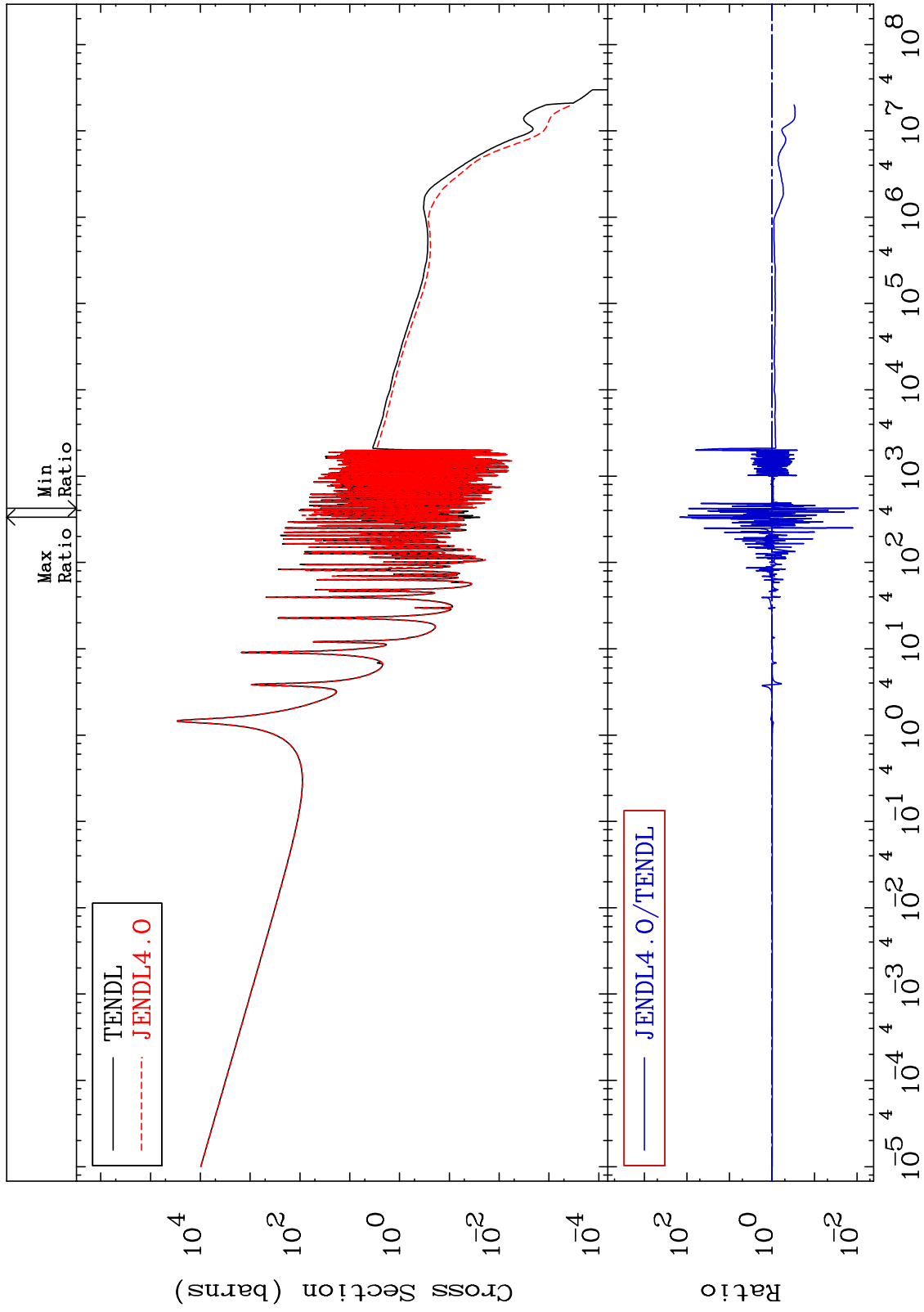
Incident Energy (eV)

49-In-115

MAT 4931

(n, γ)
Cross Section

49-In-115
-99.07 To 9999. %



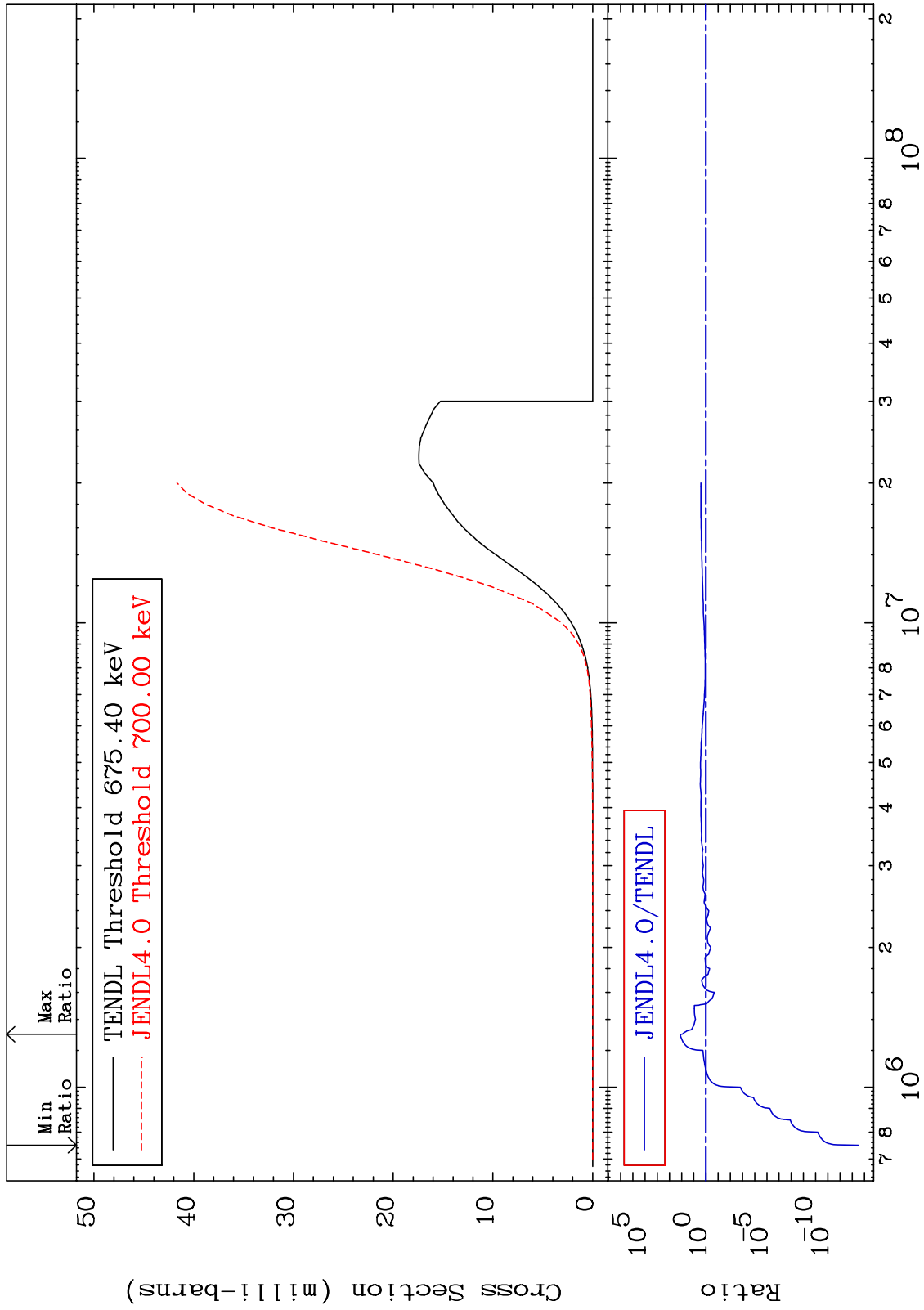
MAT 4931

(n,p)

49-In-115

Cross Section

-100.0 To 9999. %



29

Incident Energy (eV)

49-In-115

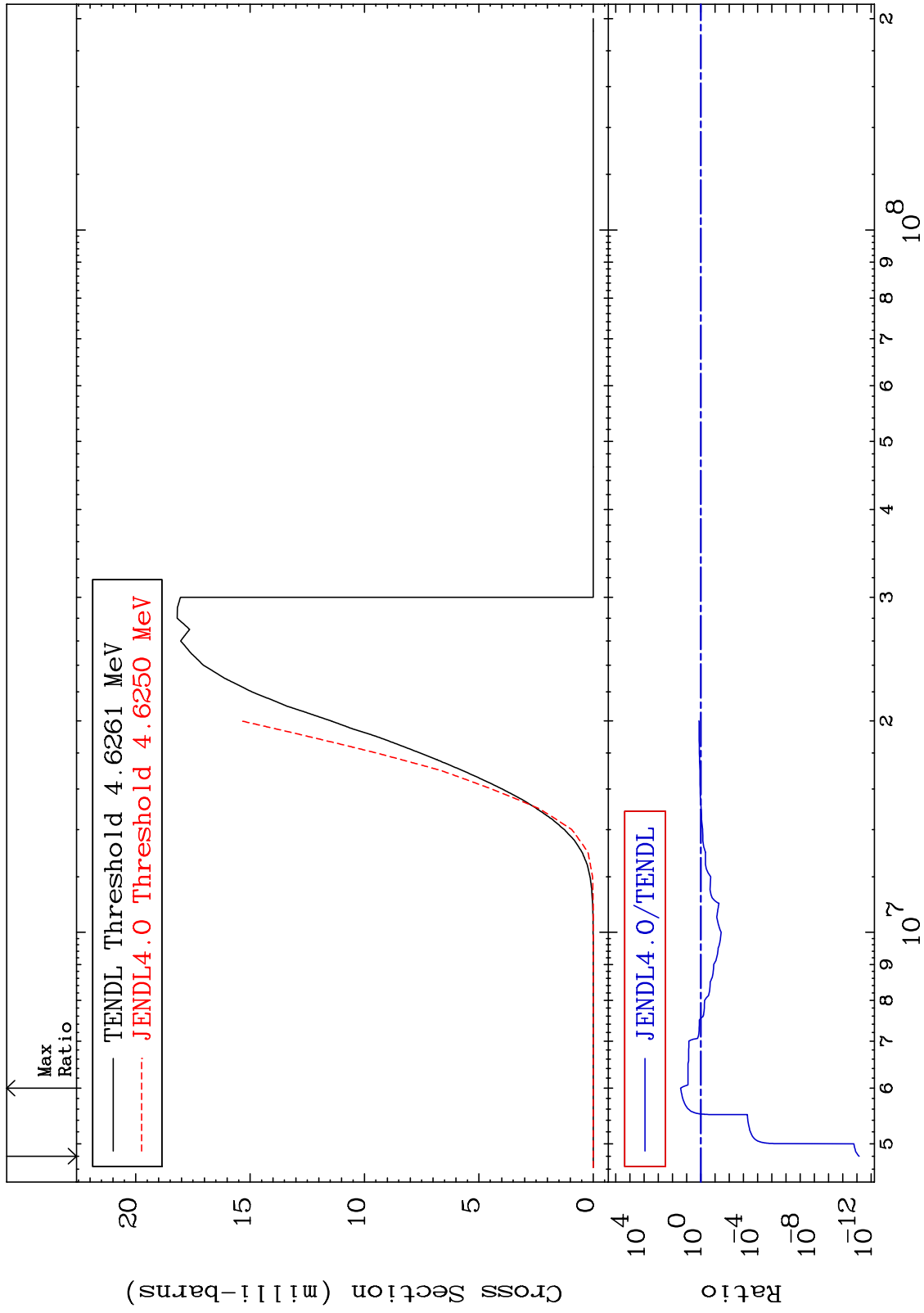
MAT 4931

(n,d)

49-In-115

Cross Section

-100.0 To 2546. %



30

Incident Energy (eV)

49-In-115

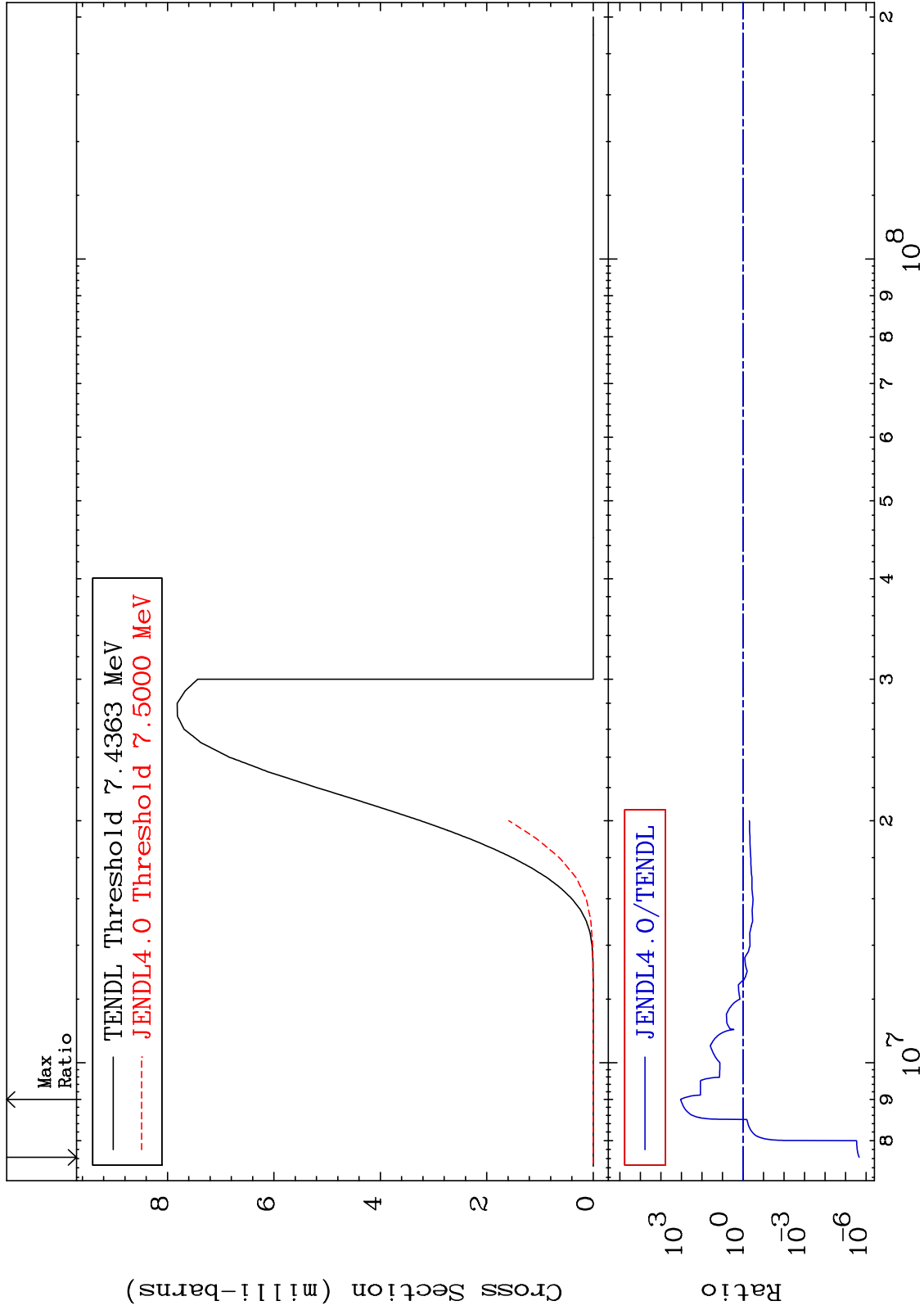
MAT 4931

(n, t)

49-In-115

Cross Section

-100.0 To 9999. %



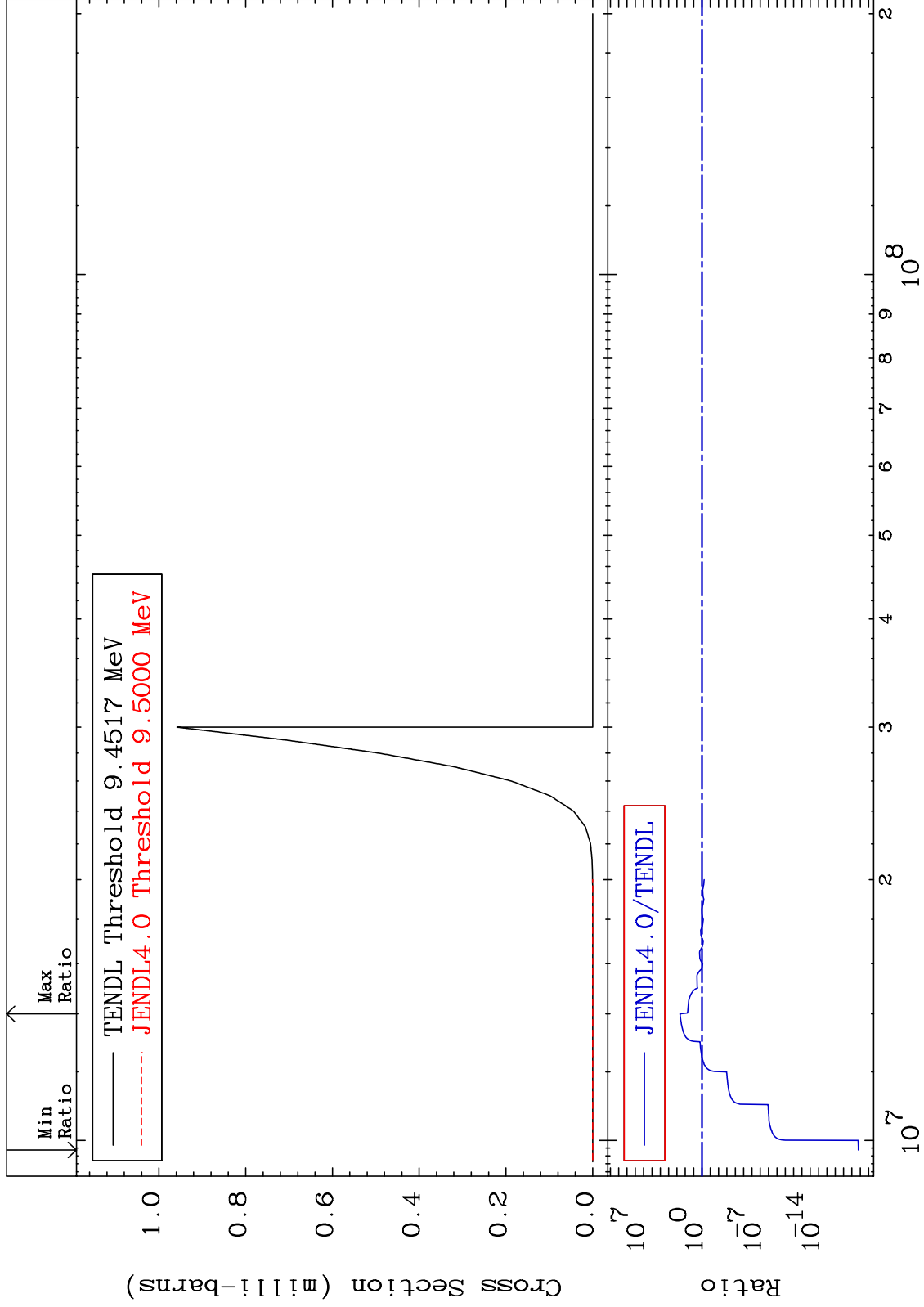
MAT 4931

(n, He-3)

49-In-115

Cross Section

-100.0 To 9999. %



32

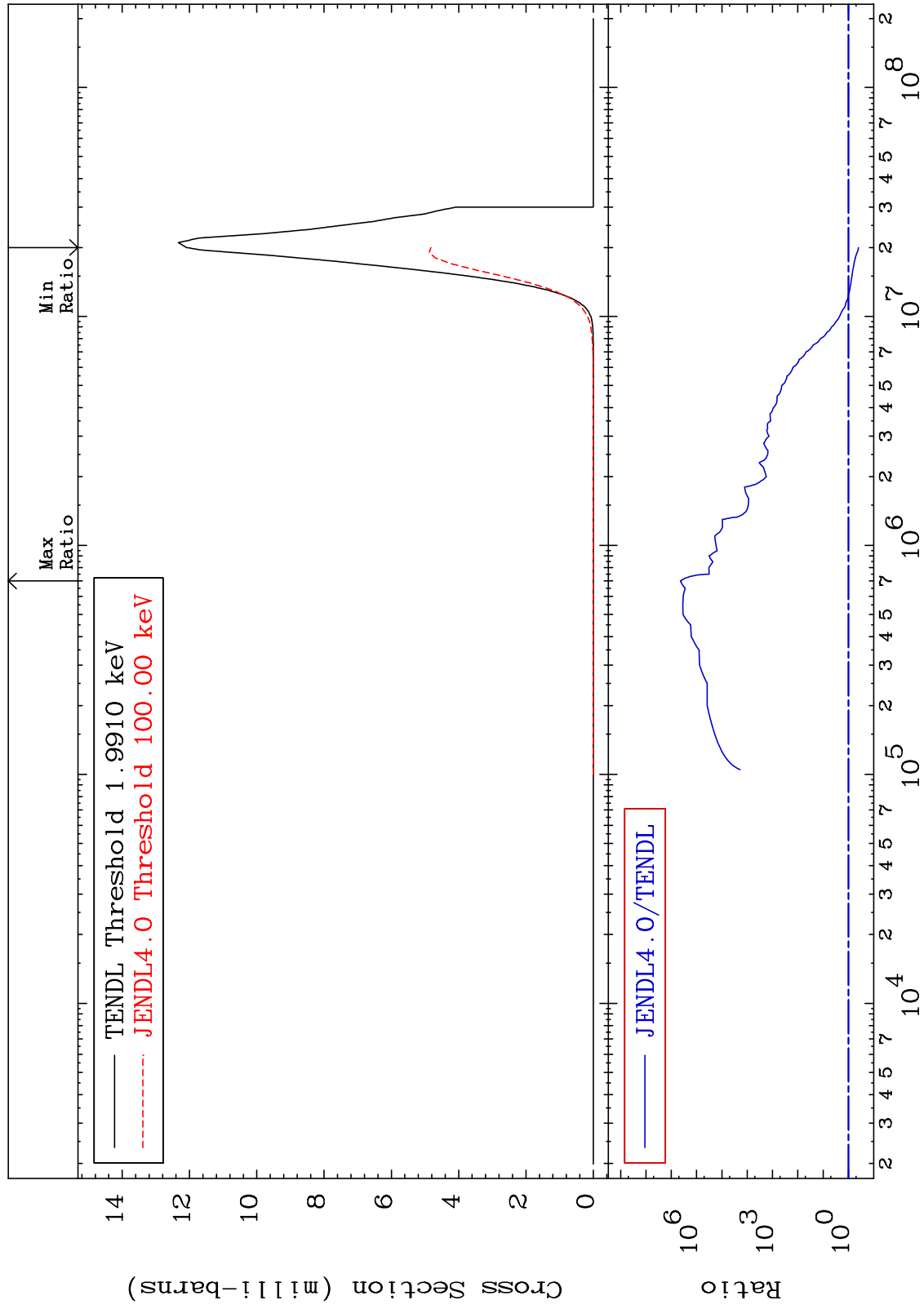
Incident Energy (eV)

49-In-115

MAT 4931

(n, α)
Cross Section

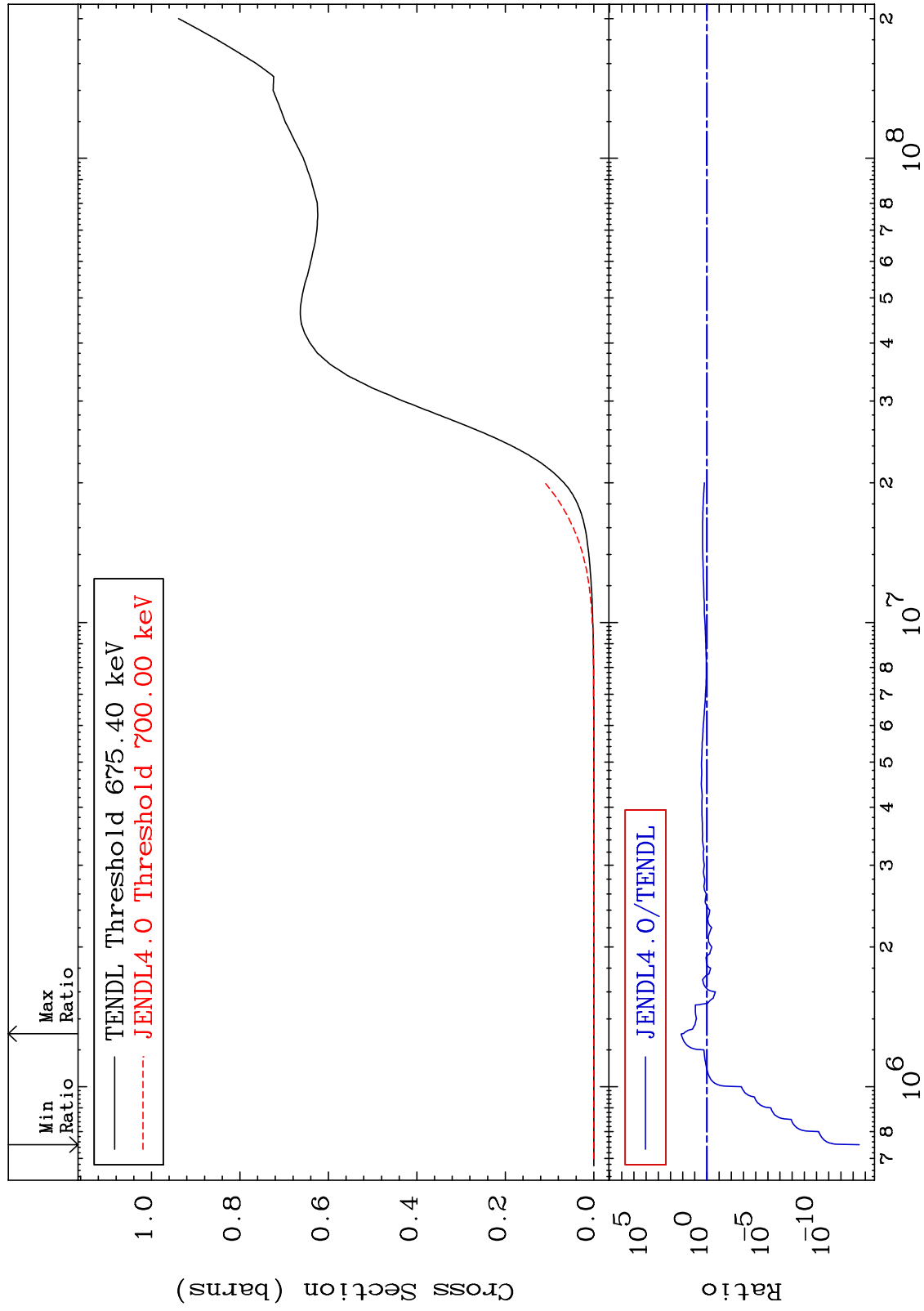
49-In-115
-60.06 To 9999. %



MAT 4931

Hydrogen Production
Cross Section

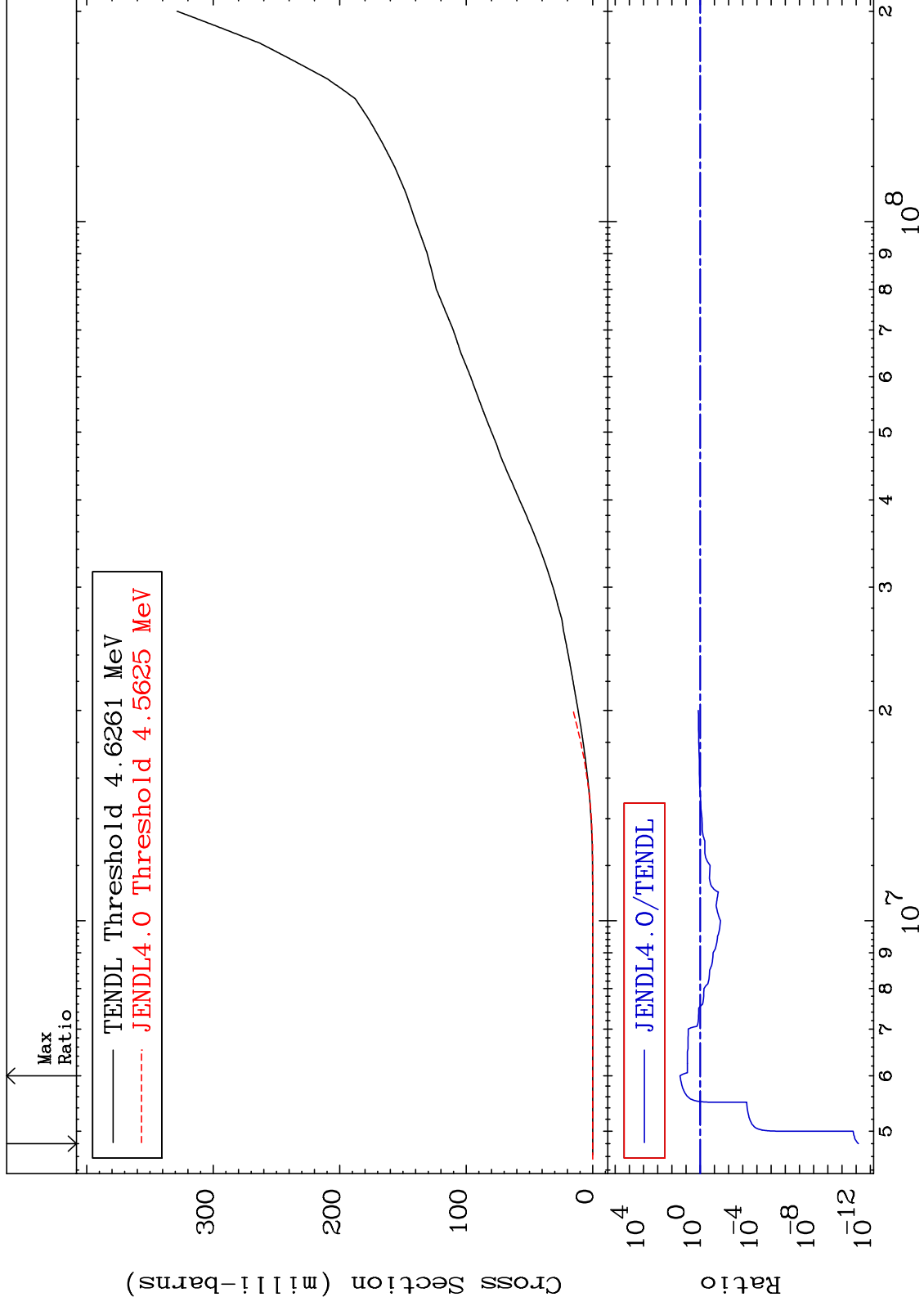
49-In-115
-100.0 To 9999. %



MAT 4931

Deuterium Production
Cross Section

49-In-115
-100.0 To 2546. %



35

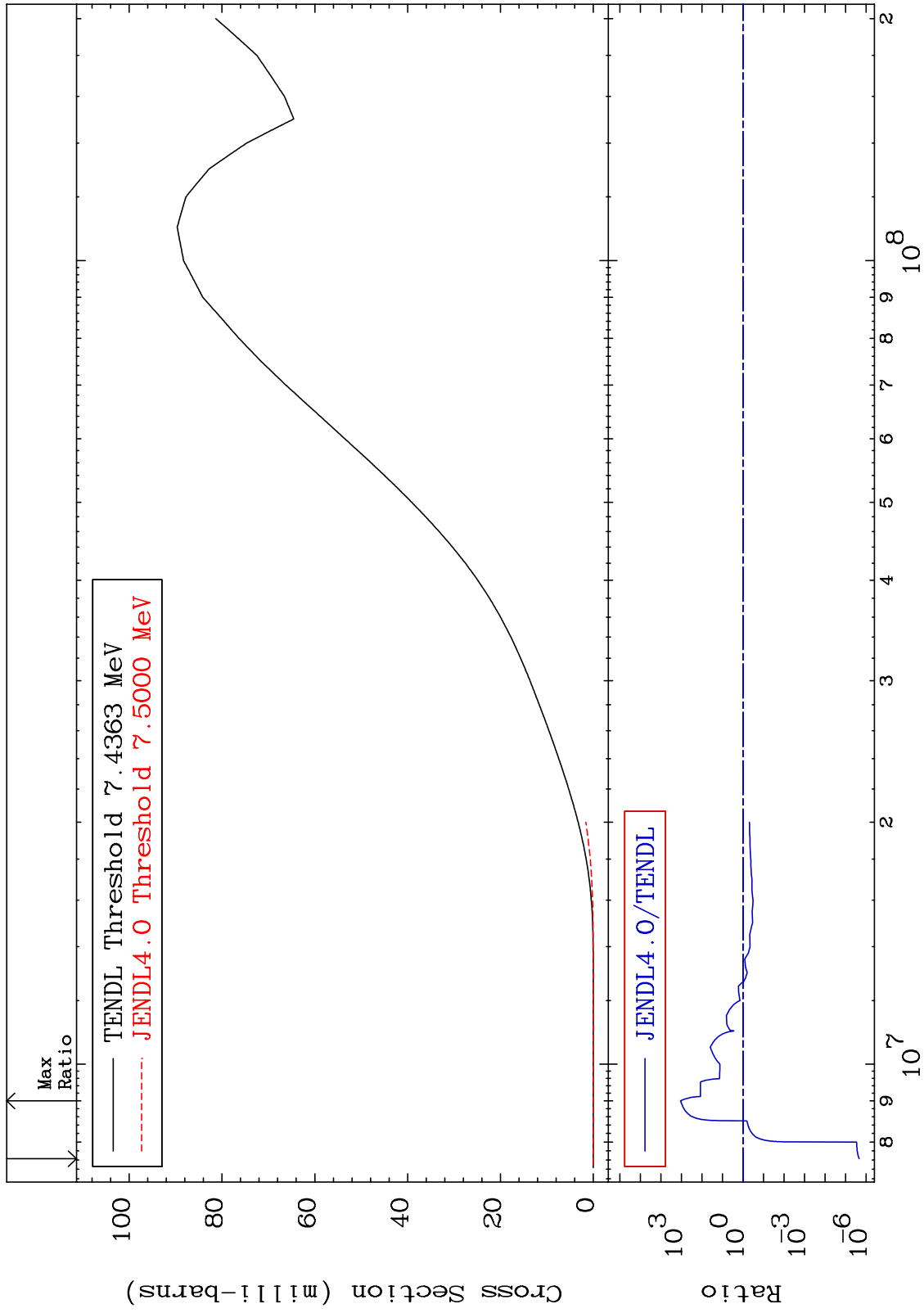
Incident Energy (eV)

49-In-115

MAT 4931

Tritium Production
Cross Section

49-In-115
-100.0 To 9999. %



36

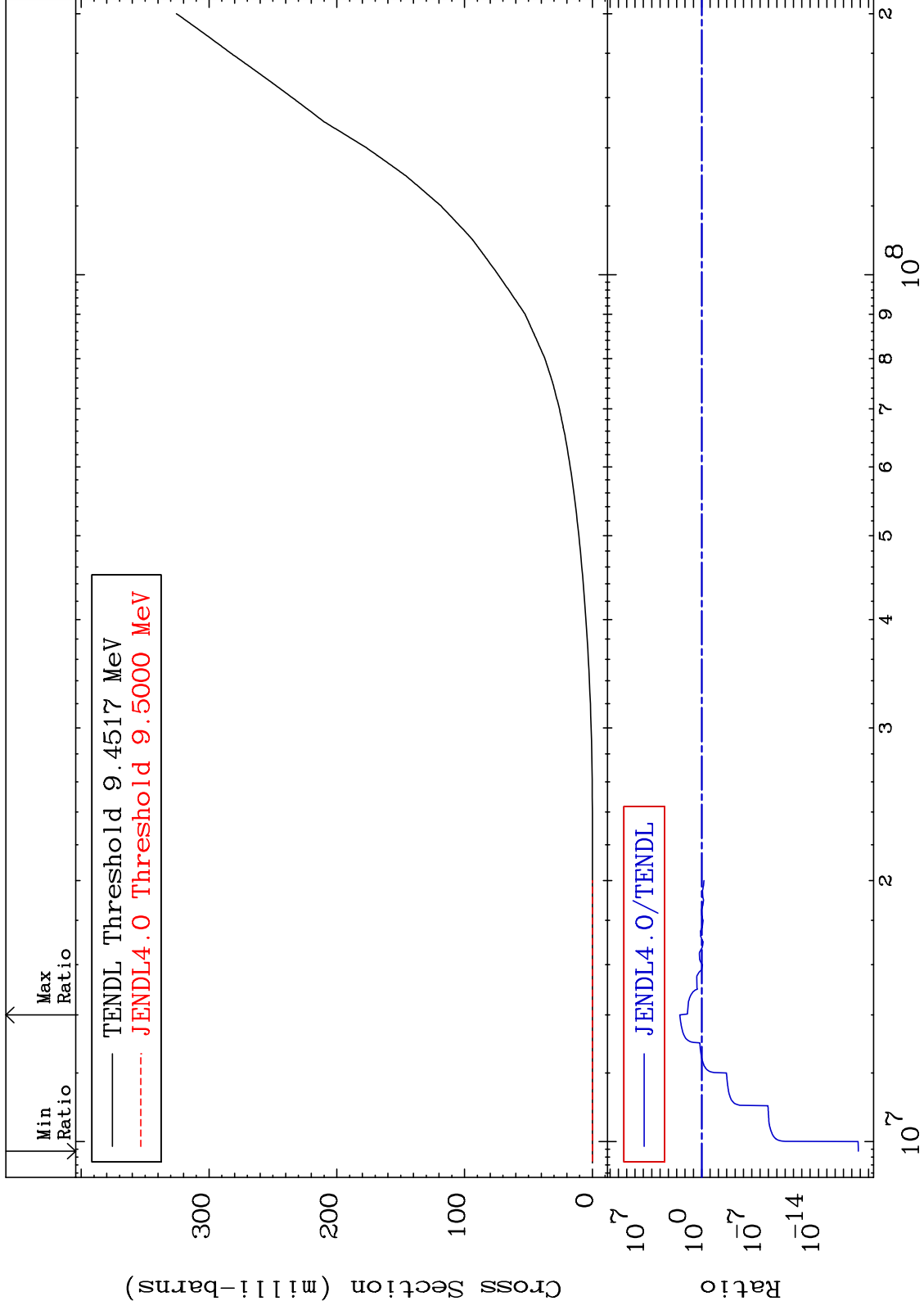
Incident Energy (eV)

49-In-115

MAT 4931

He-3 Production
Cross Section

49-In-115
-100.0 To 9999. %



37

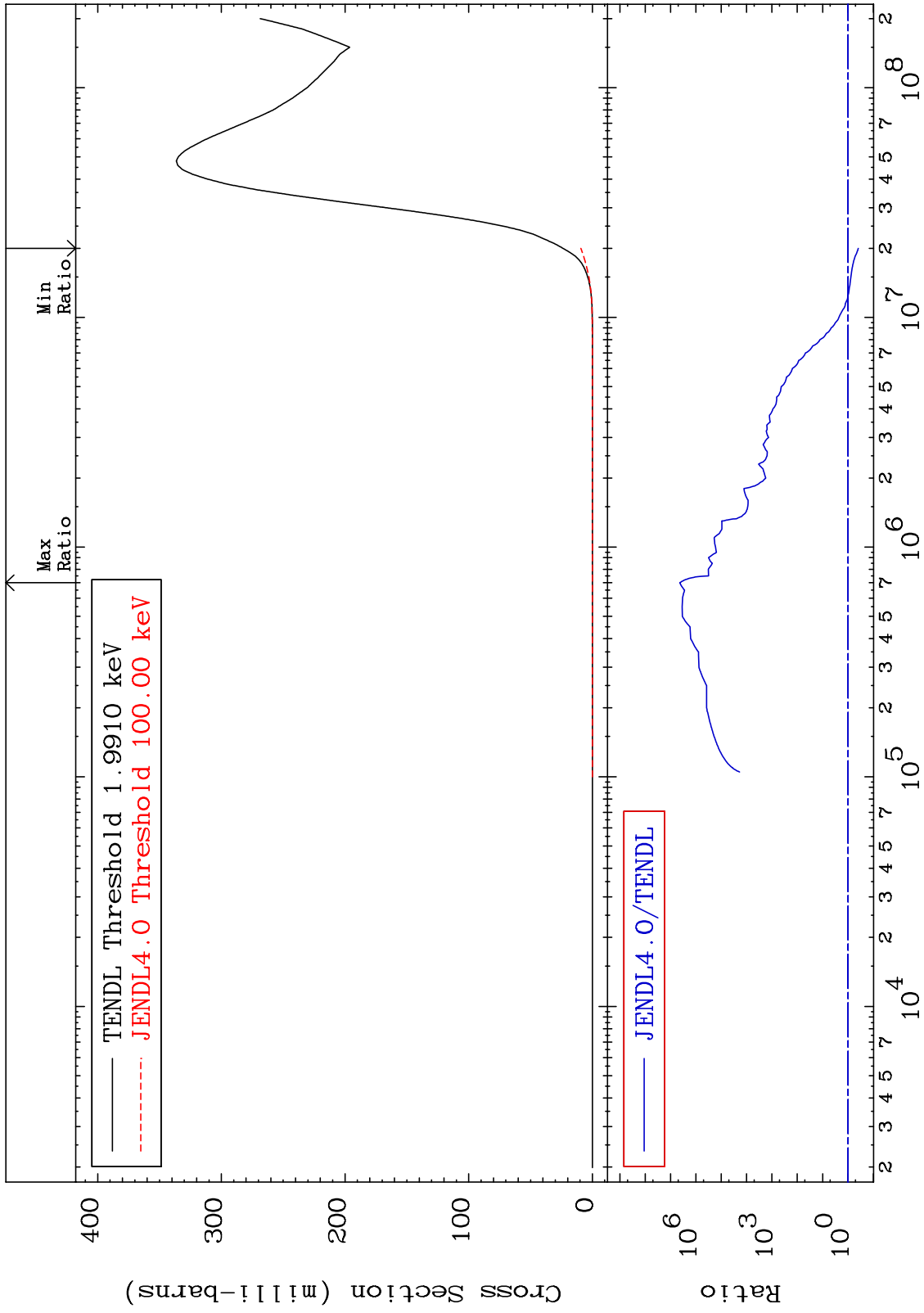
Incident Energy (eV)

49-In-115

MAT 4931

He-4 Production
Cross Section

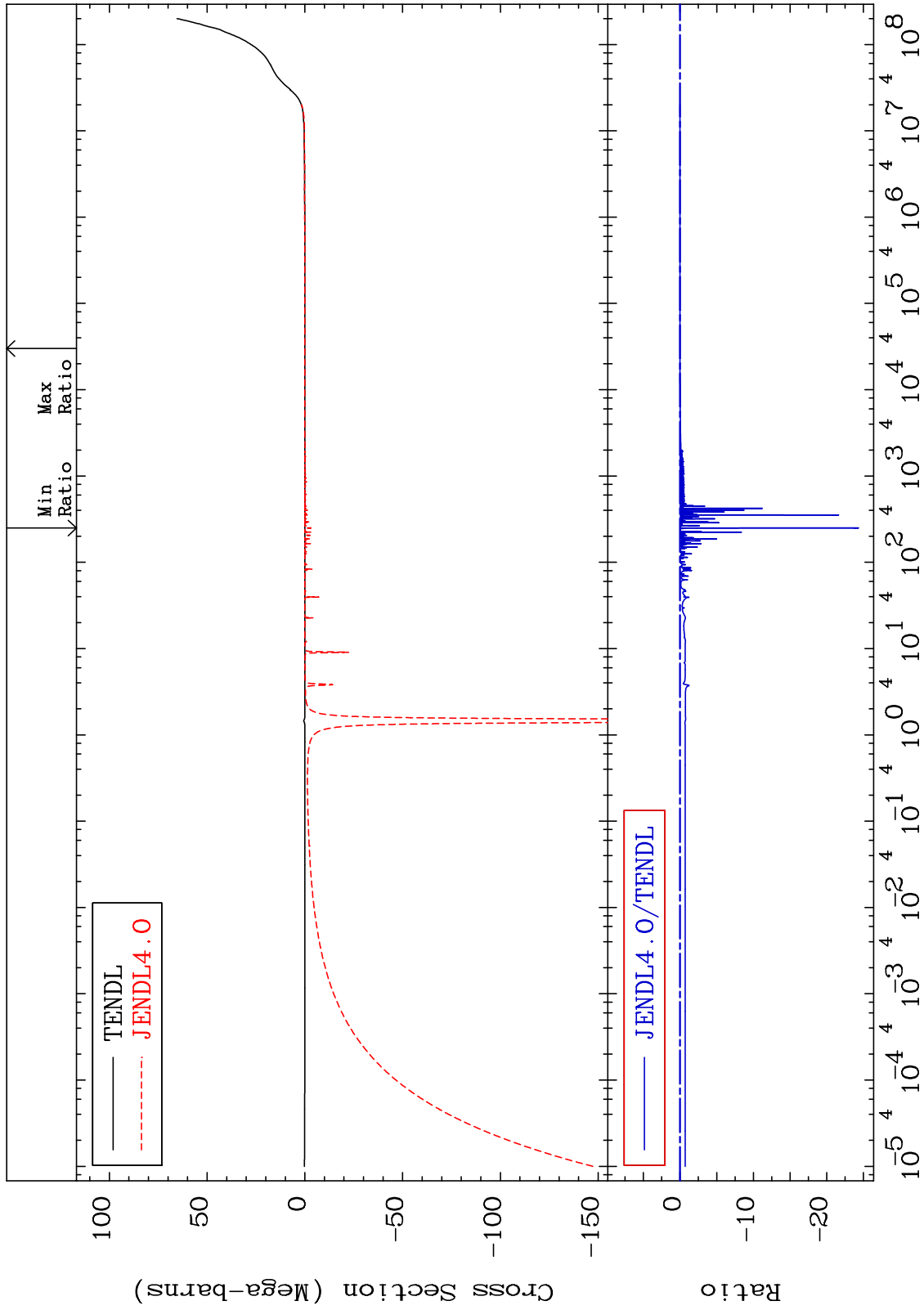
49-In-115
-61.15 To 9999. %



MAT 4931

Kerma total (eV-barns)
Cross Section

49-In-115
-9999. To 341.2 %



39

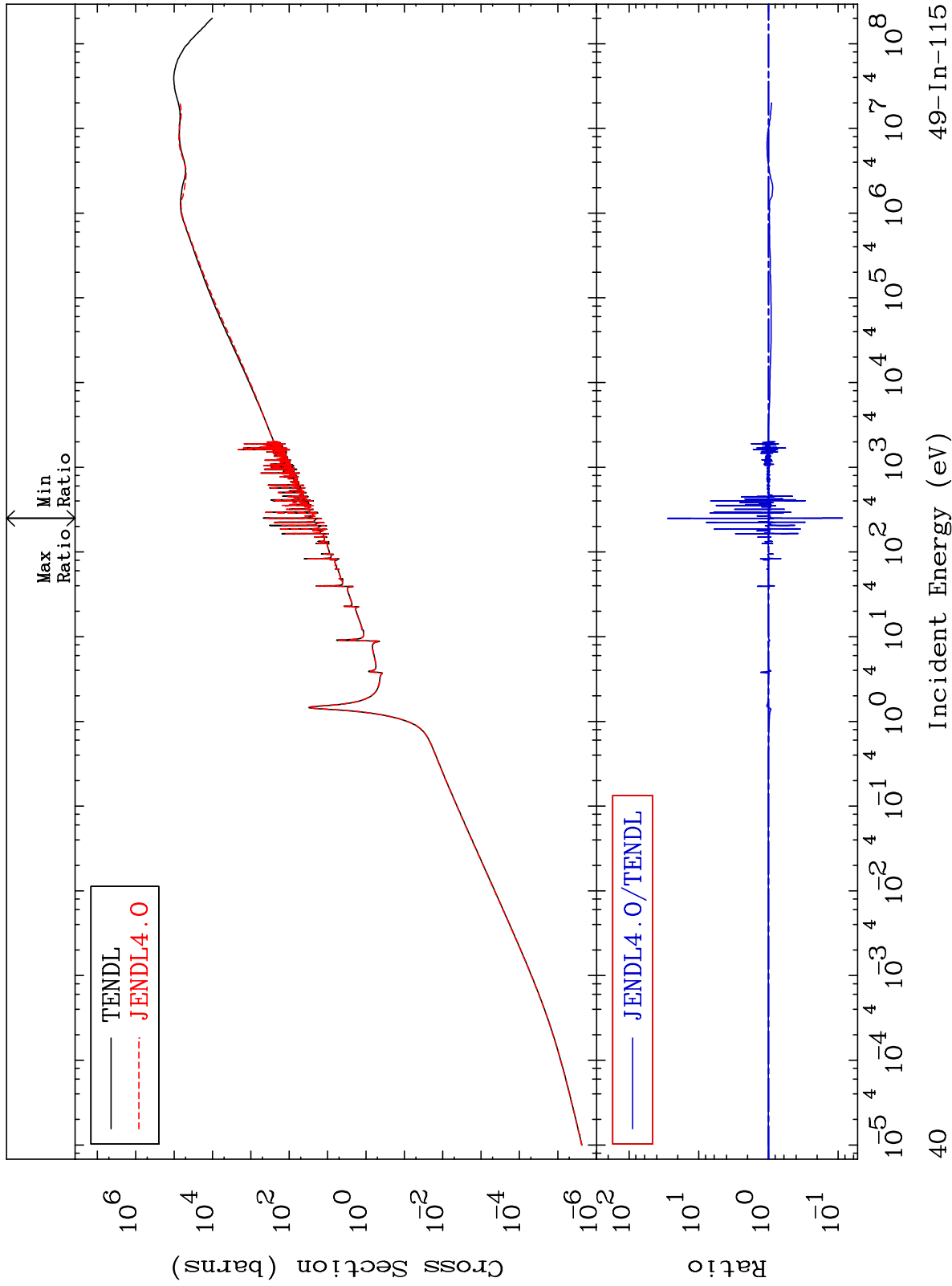
Incident Energy (eV)

49-In-115

MAT 4931

Kerma elastic
Cross Section

49-In-115
-91.38 To 2704. %



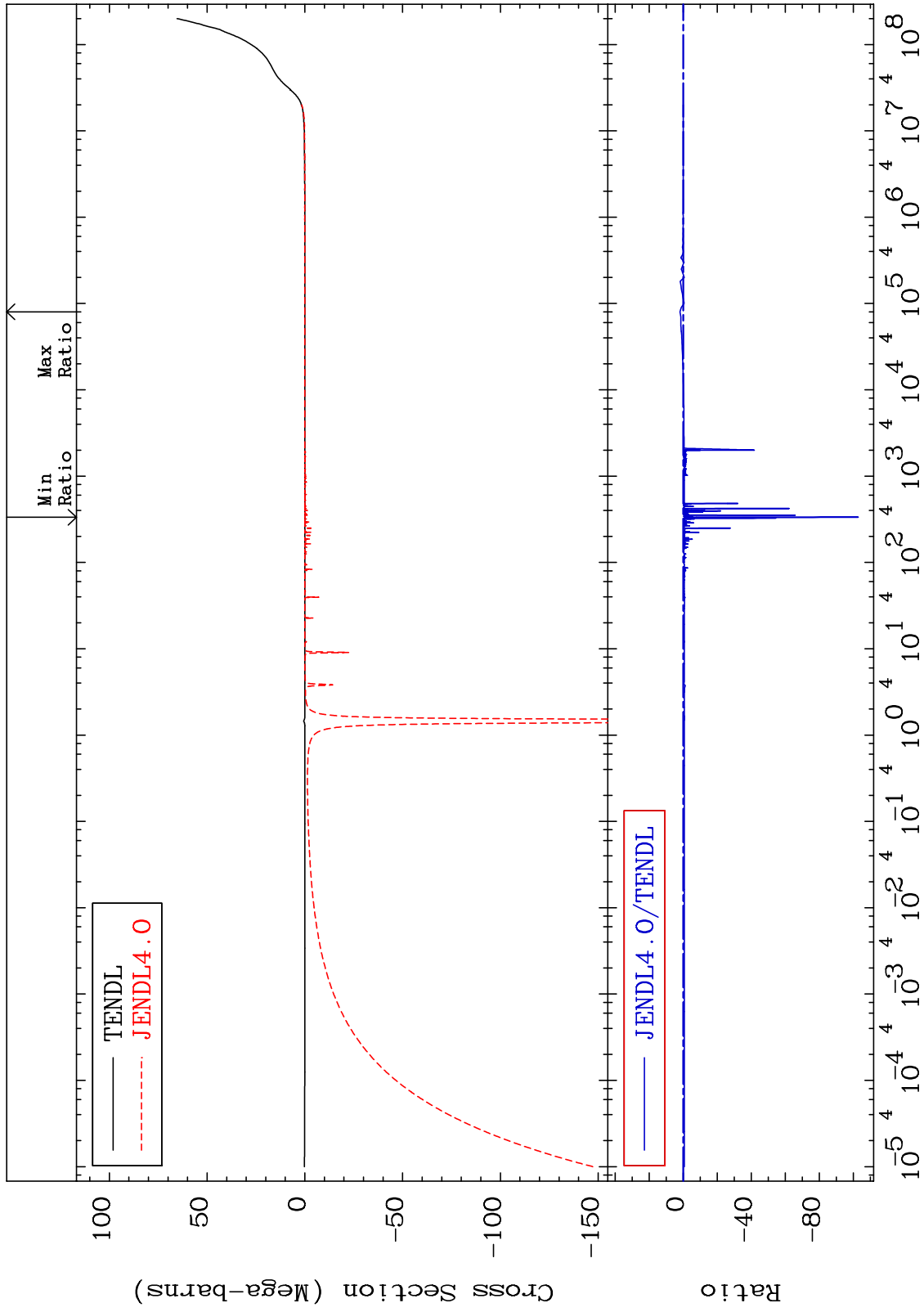
MAT 4931

Kerma non-elastic (all but mt2)

49-In-115

-9999. To 9999. %

Cross Section



41

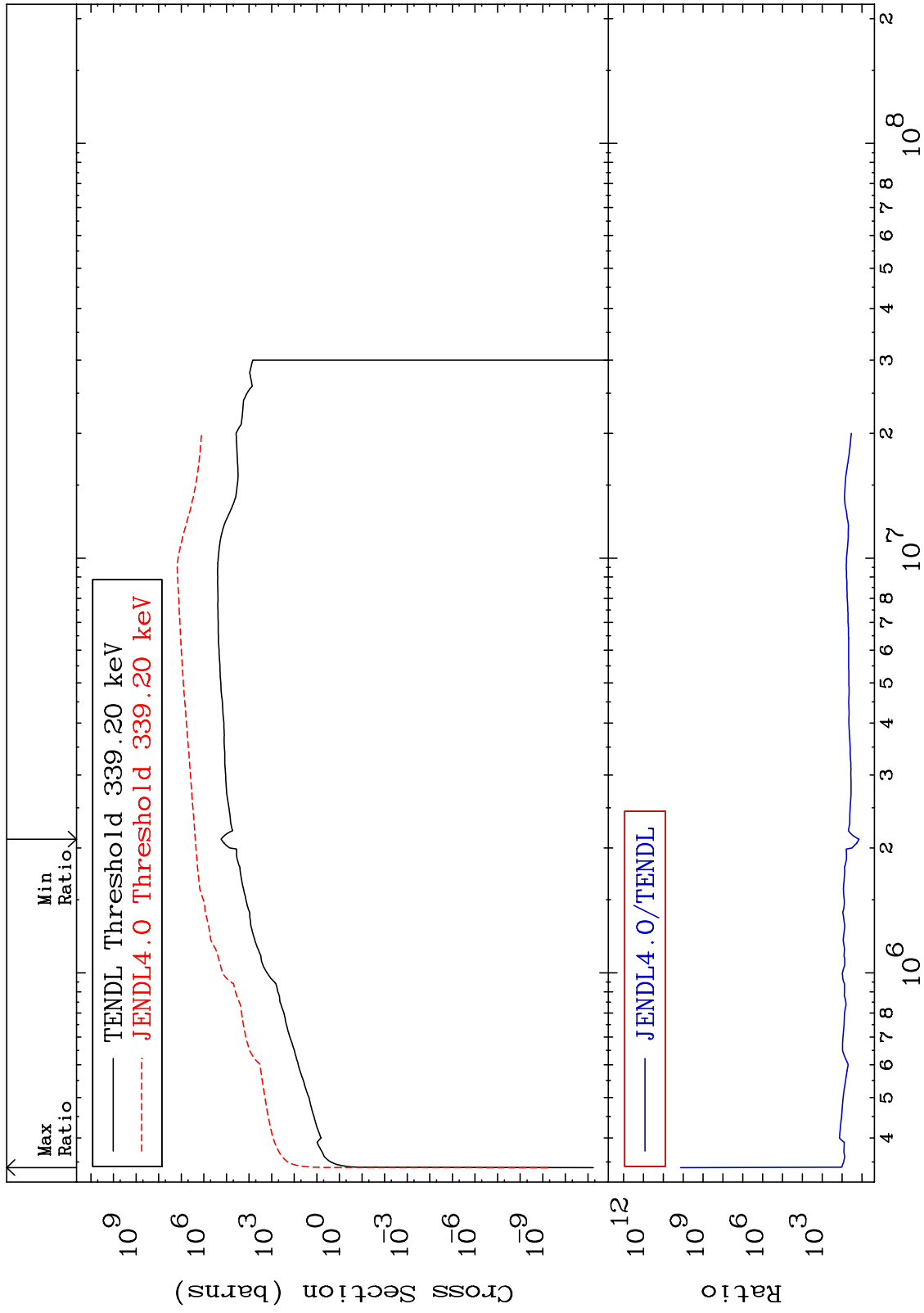
Incident Energy (eV)

49-In-115

MAT 4931

Kerma inelastic (mt51-91)
Cross Section

49-In-115
1274. To 9999. %



42

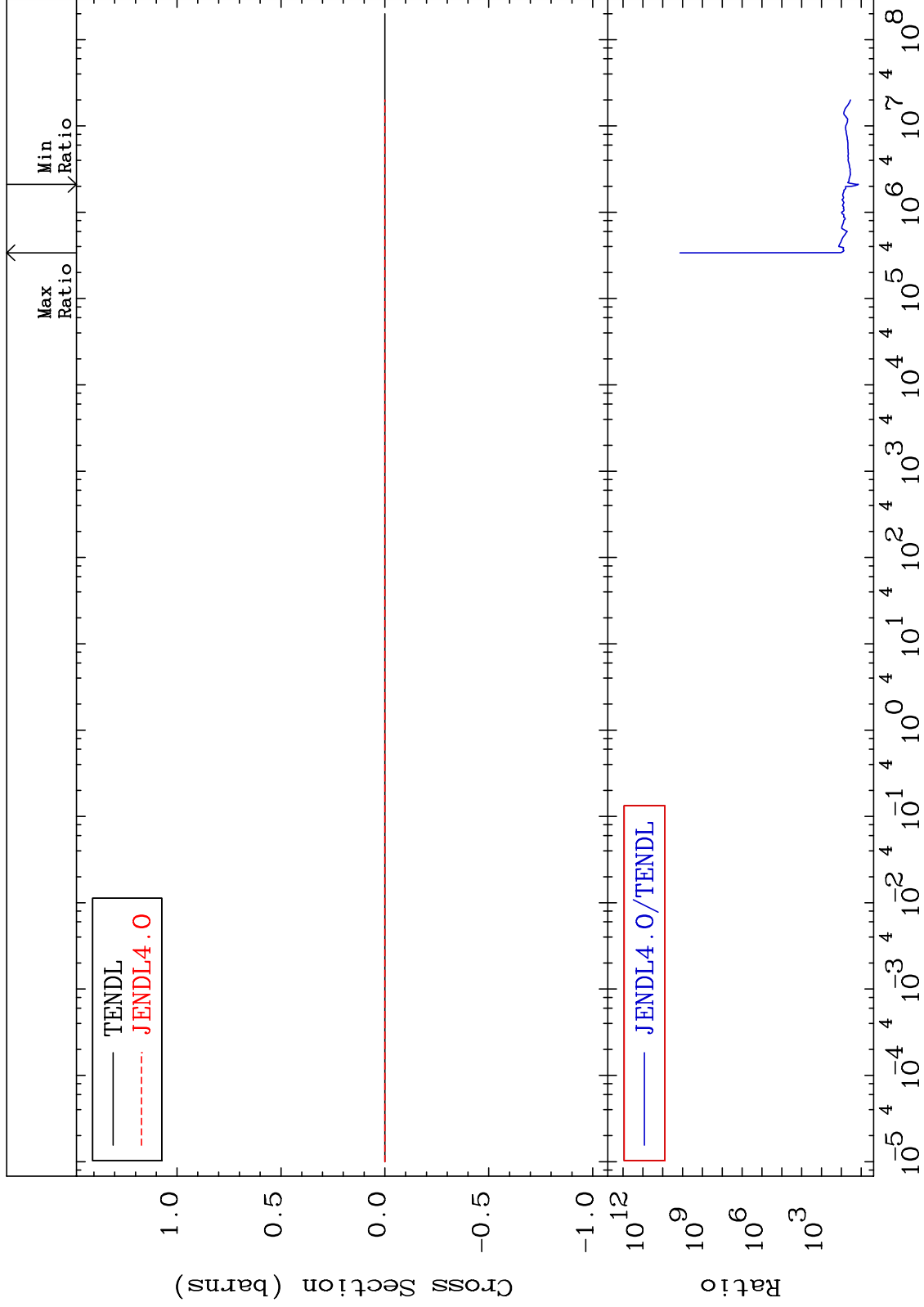
Incident Energy (eV)

49-In-115

MAT 4931

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

49-In-115
1274. To 9999. %



43

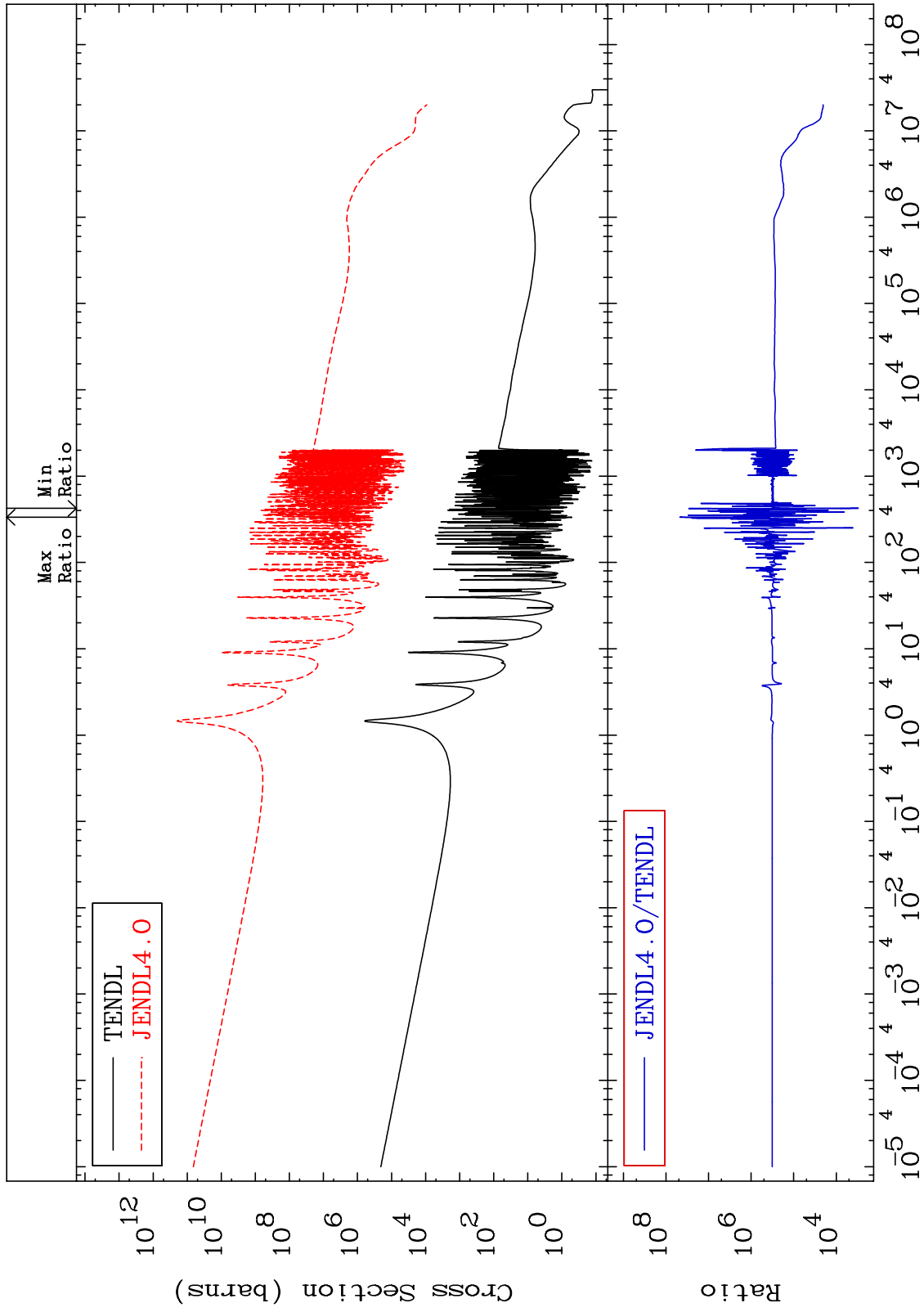
Incident Energy (eV)

49-In-115

MAT 4931

Kerma capture (mt102)
Cross Section

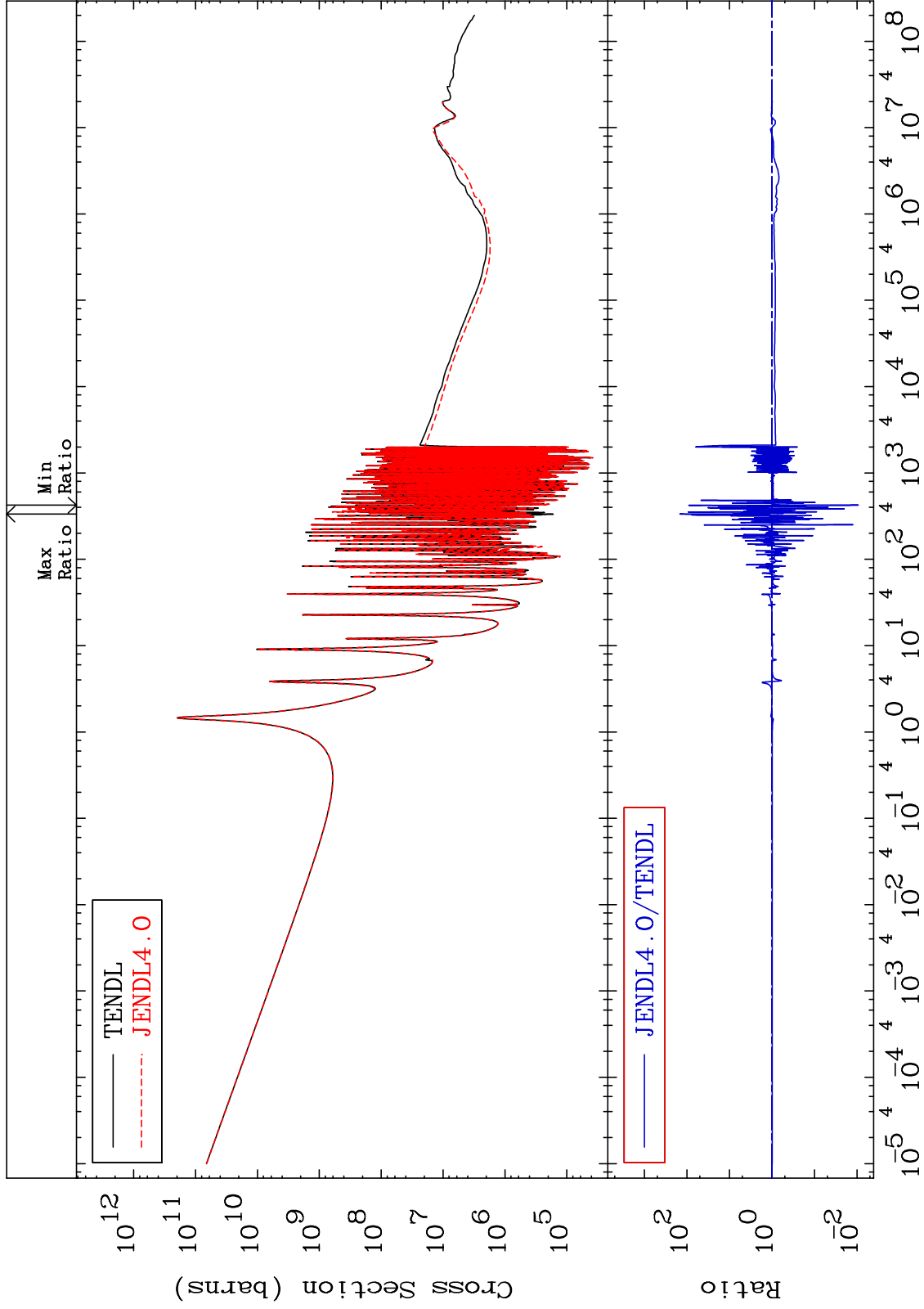
49-In-115
9999. To 9999. %



MAT 4931

Total photon (eV-barns)
Cross Section

49-In-115
-99.07 To 9999. %



45

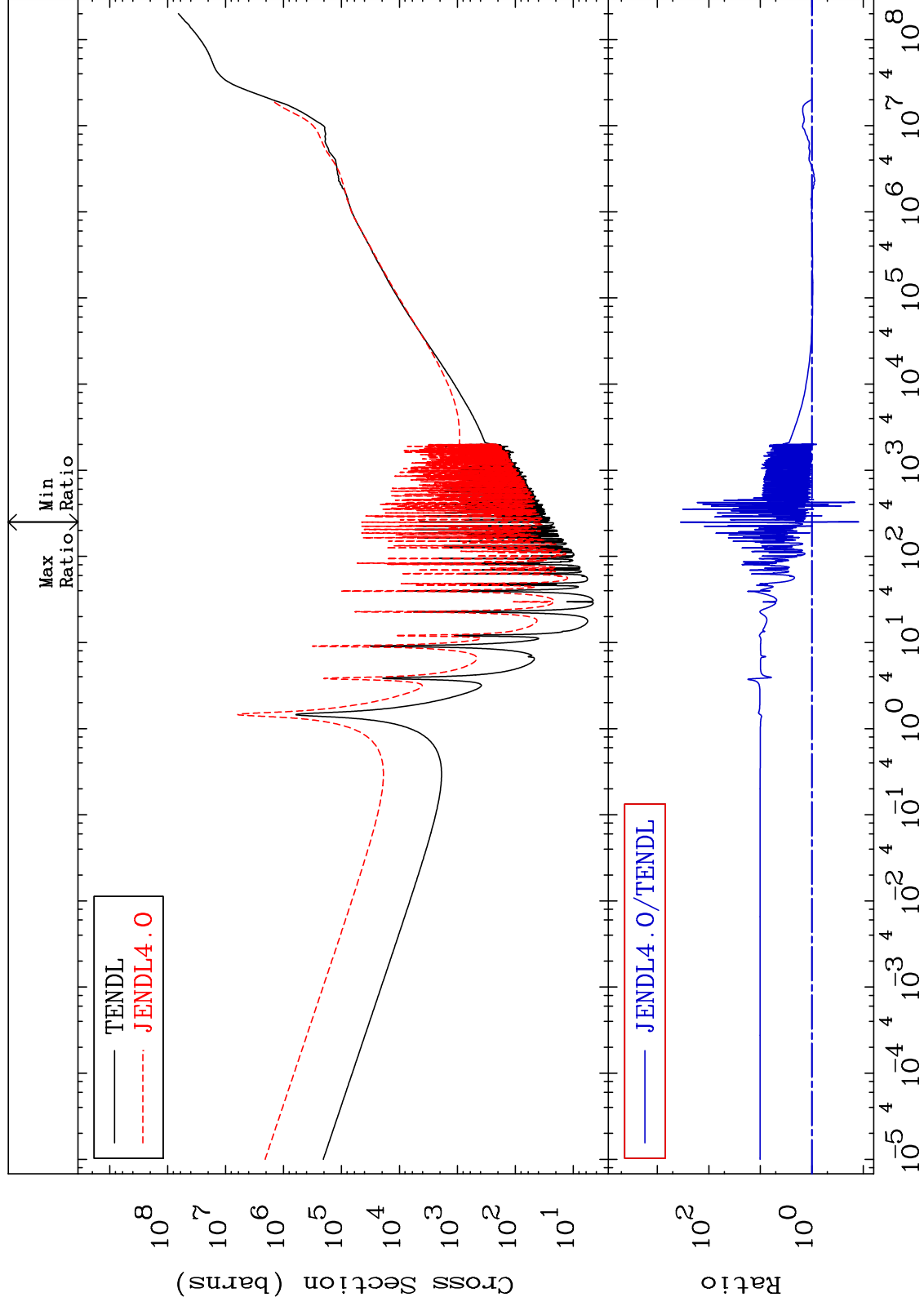
Incident Energy (eV)

49-In-115

MAT 4931

Total kinematic kerma (high limit)
Cross Section

49-In-115
-87.60 To 9999. %



46

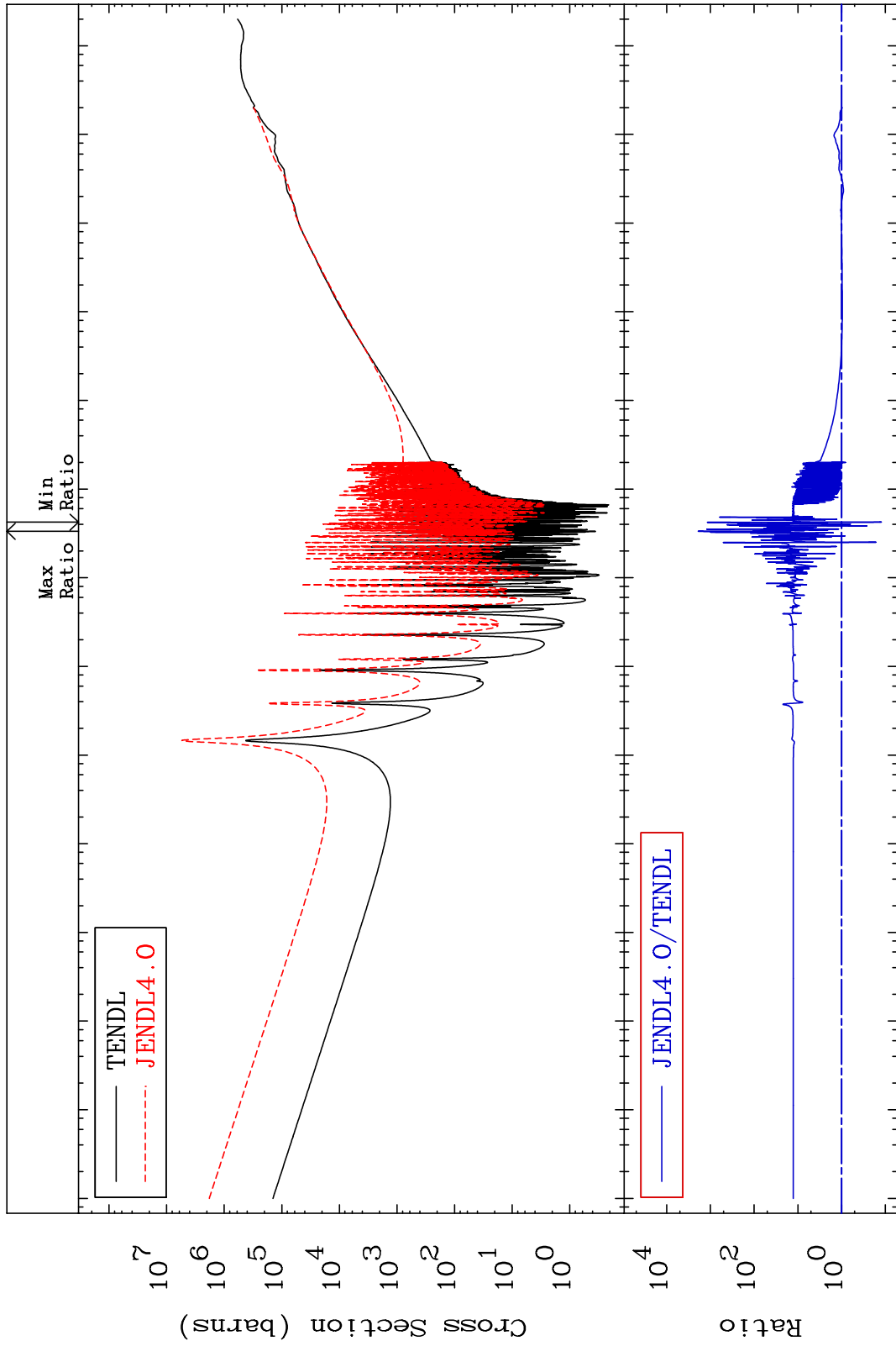
Incident Energy (eV)

49-In-115

MAT 4931

Dpa total (eV-barns)
Cross Section

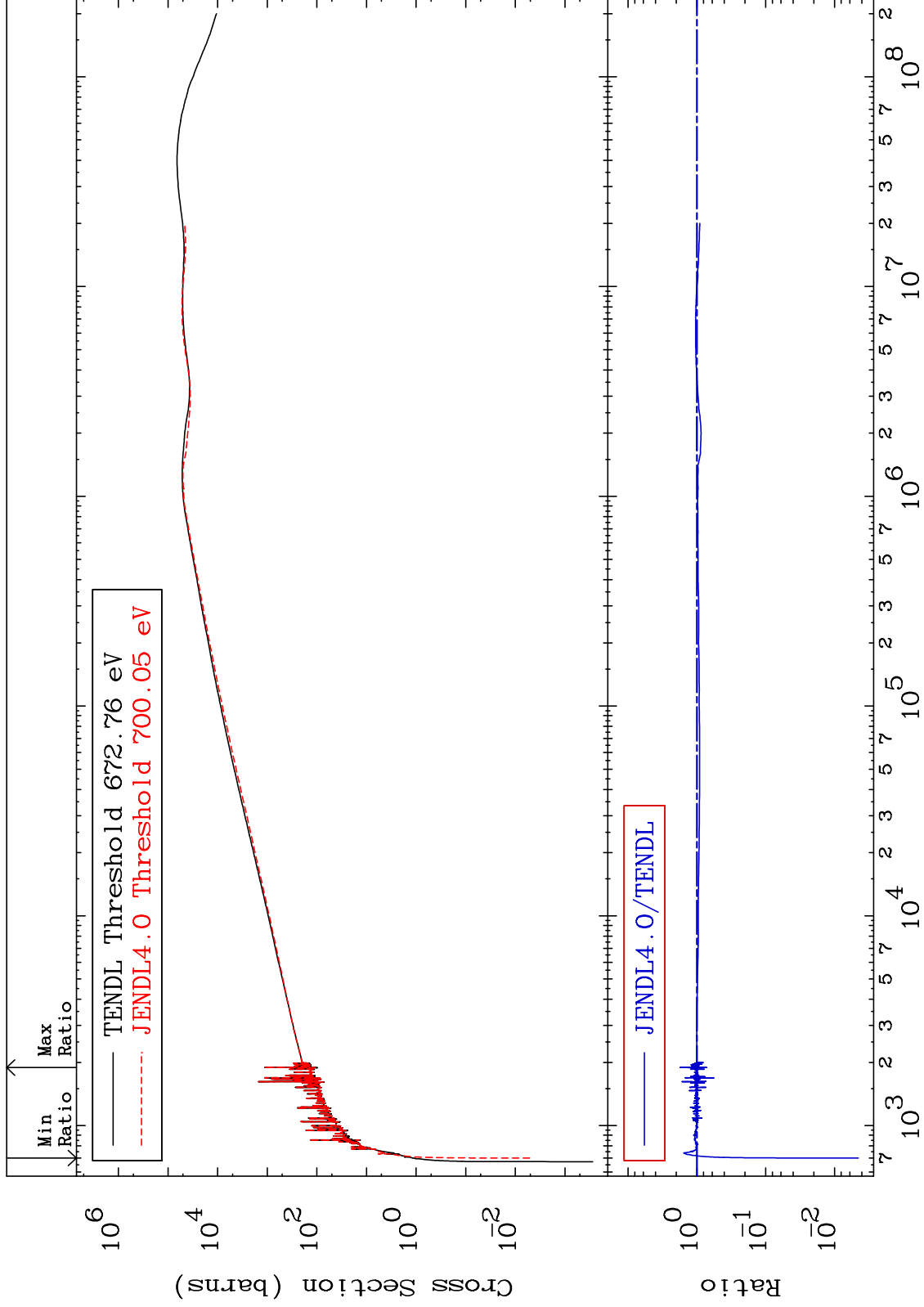
49-In-115
-87.83 To 9999. %



MAT 4931

Dpa elastic (mt2)
Cross Section

49-In-115
-99.55 To 75.87 %



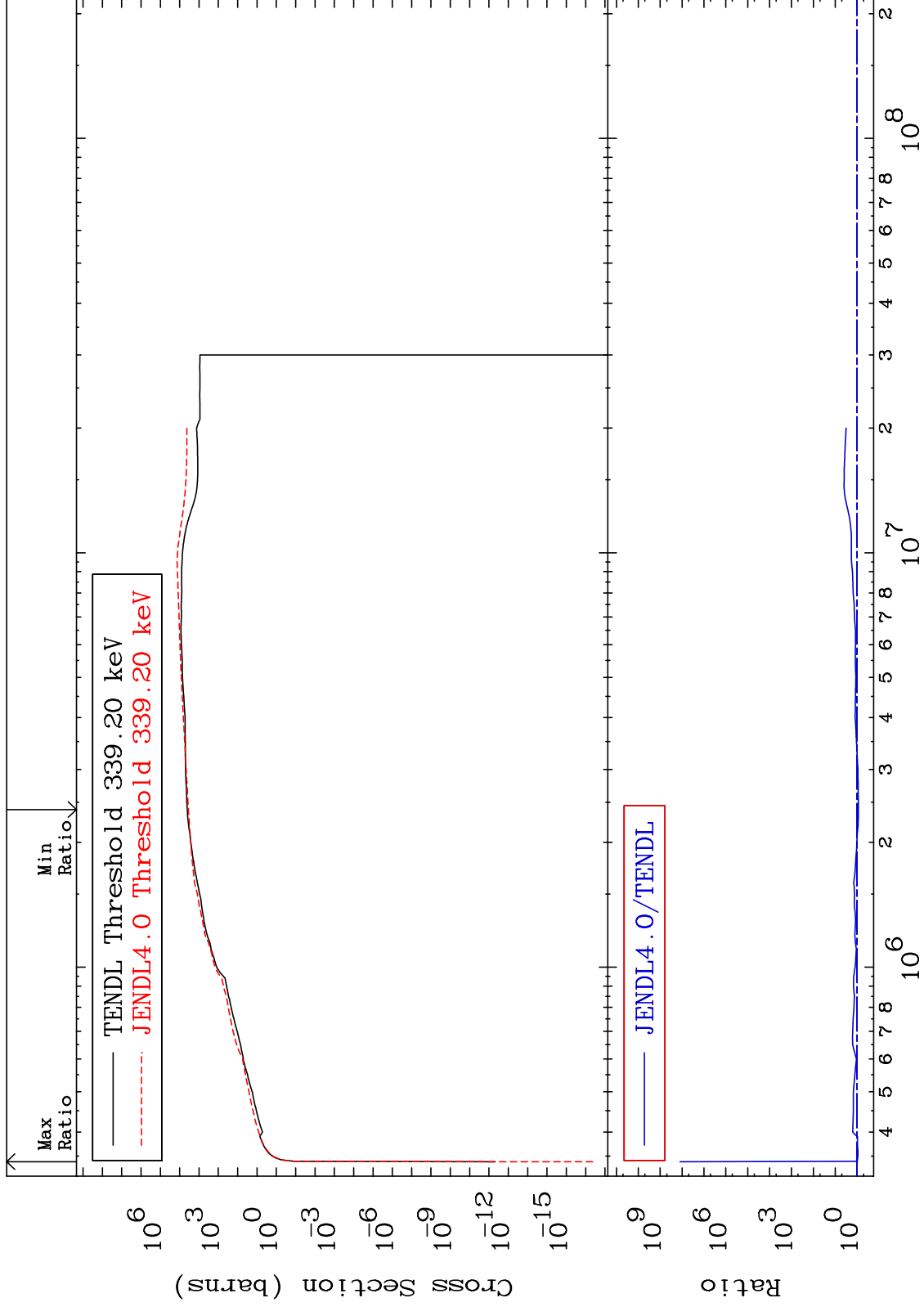
48

49-In-115

MAT 4931

Dpa inelastic (mt51-91)
Cross Section

49-In-115
-12.87 To 9999. %



49

Incident Energy (eV)

49-In-115

MAT 4931

Dpa disappearance (mt102 -120)
Cross Section

49-In-115
-87.83 To 9999. %

