

Program Complot
(Version 2018-1)

by

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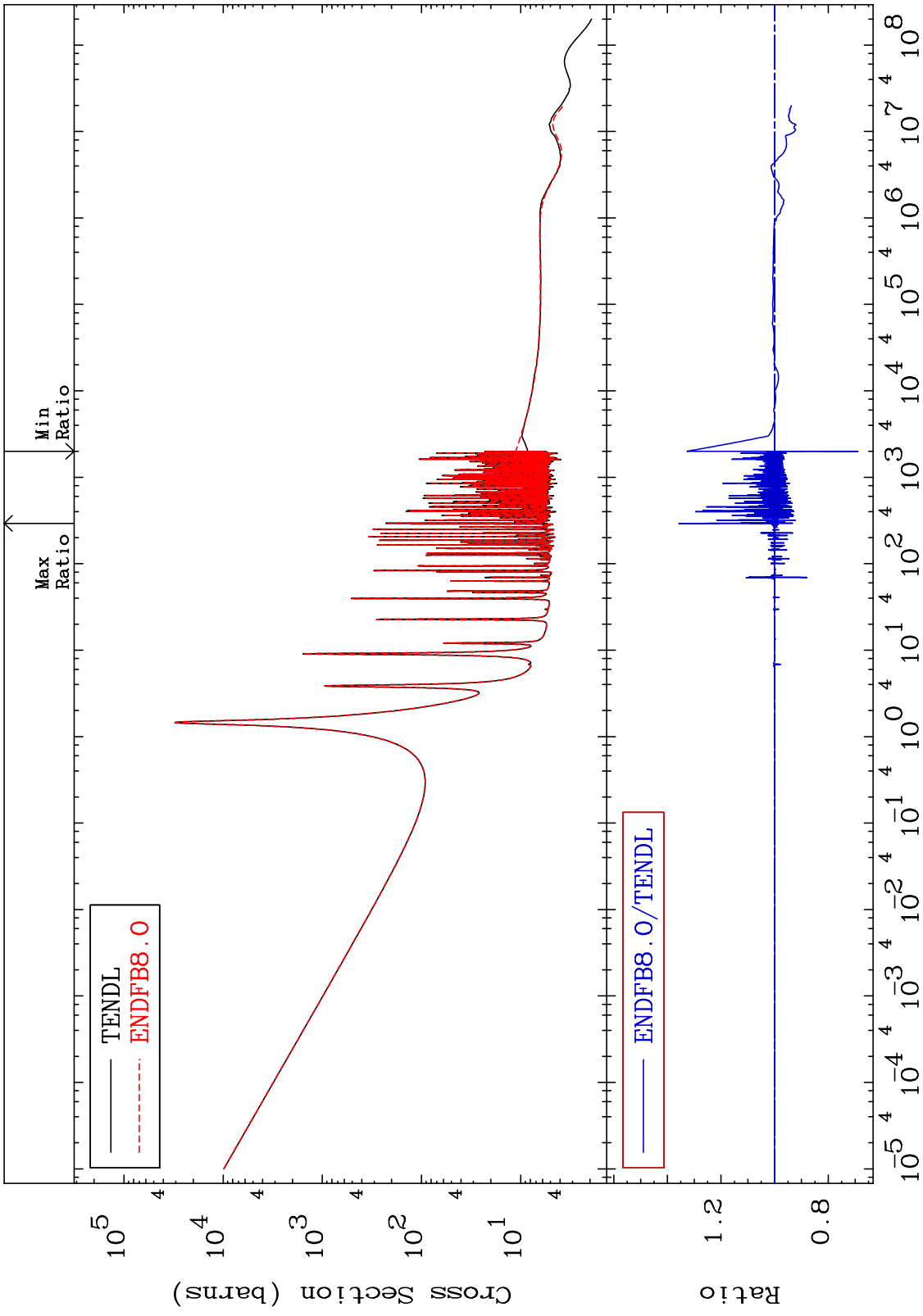
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4931 Total 49-In-115
Cross Section -31.03 To 35.67 %

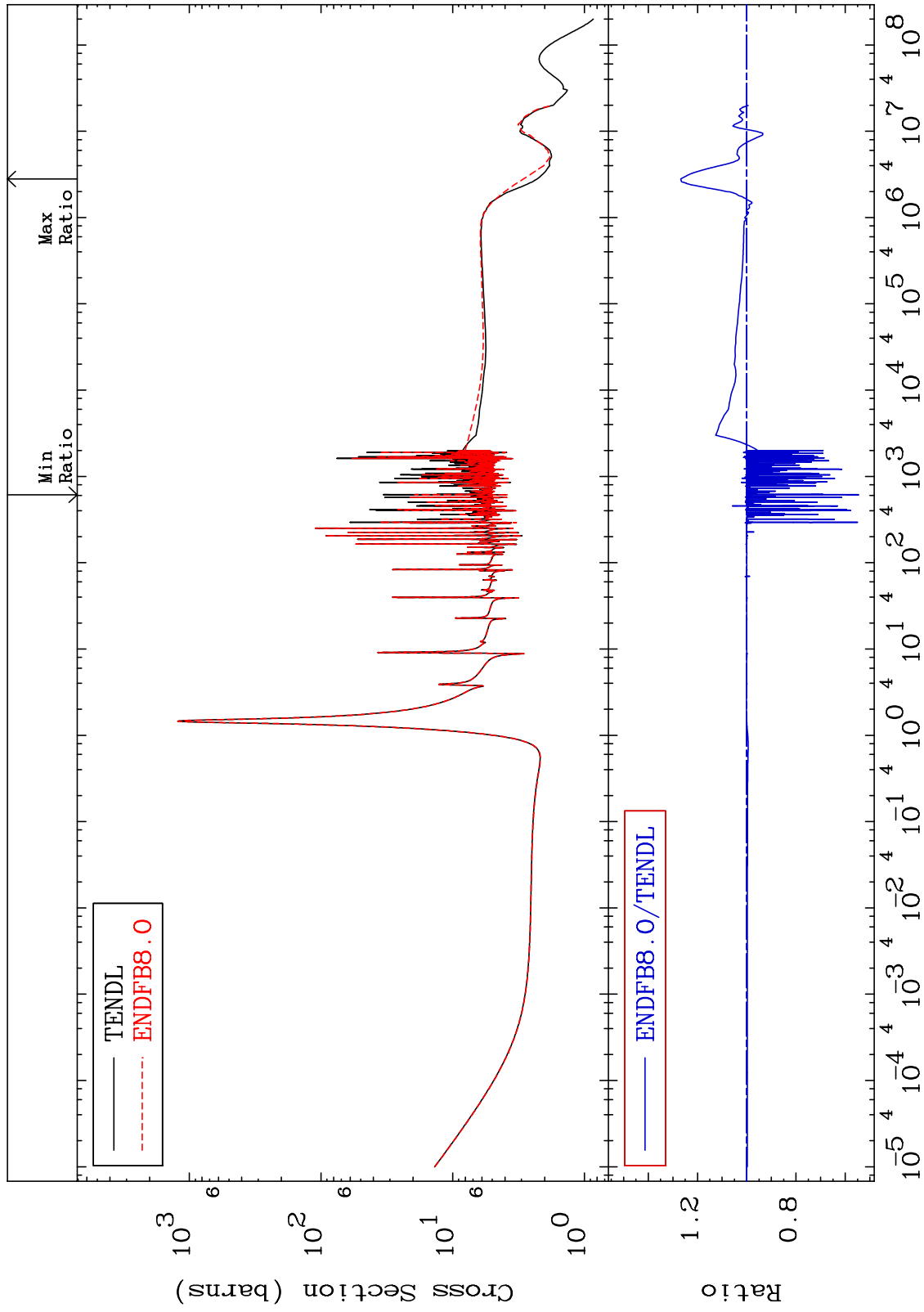


1 Incident Energy (eV) 49-In-115

MAT 4931

Elastic
Cross Section

49-In-115
-45.59 To 26.84 %

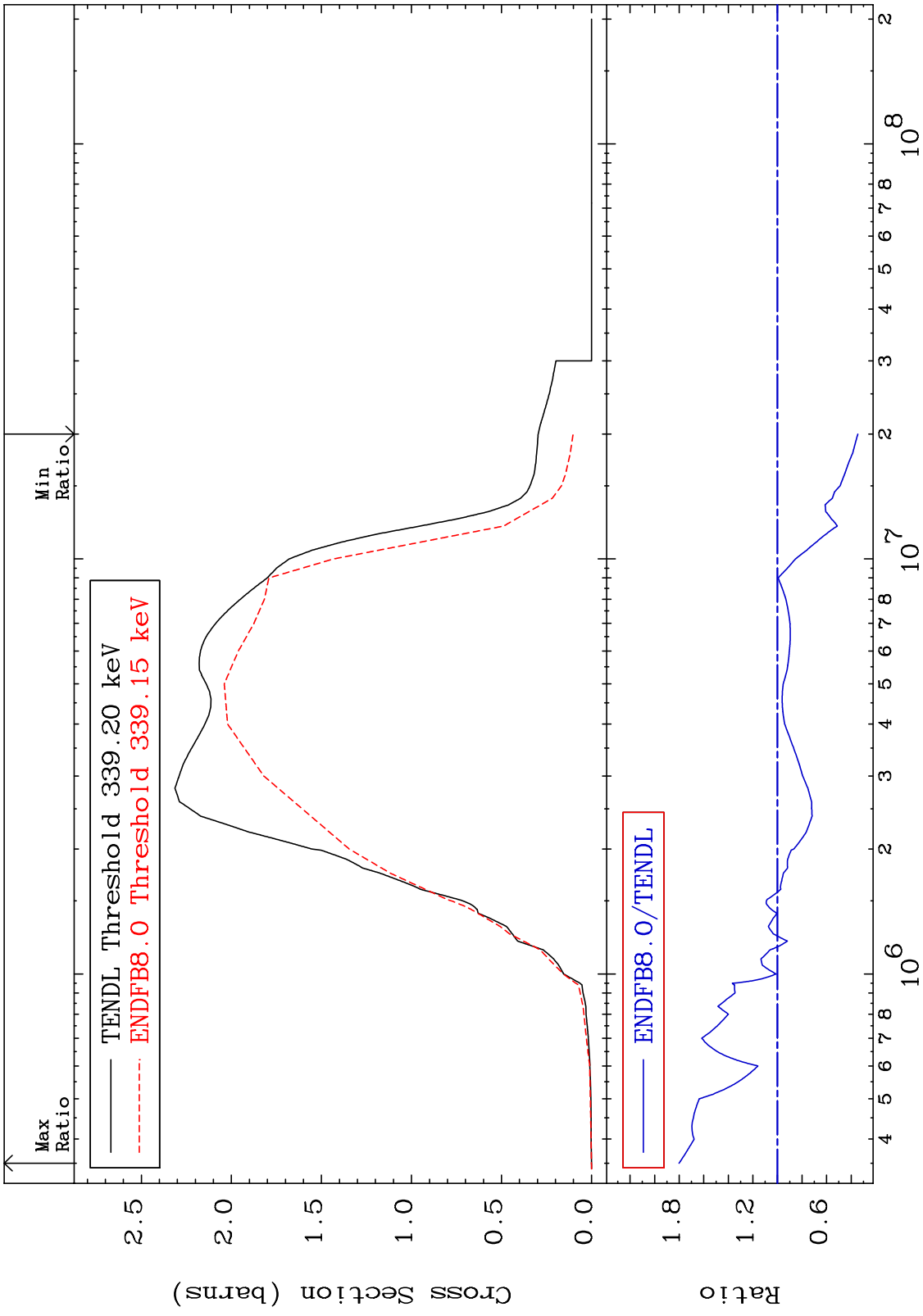


2

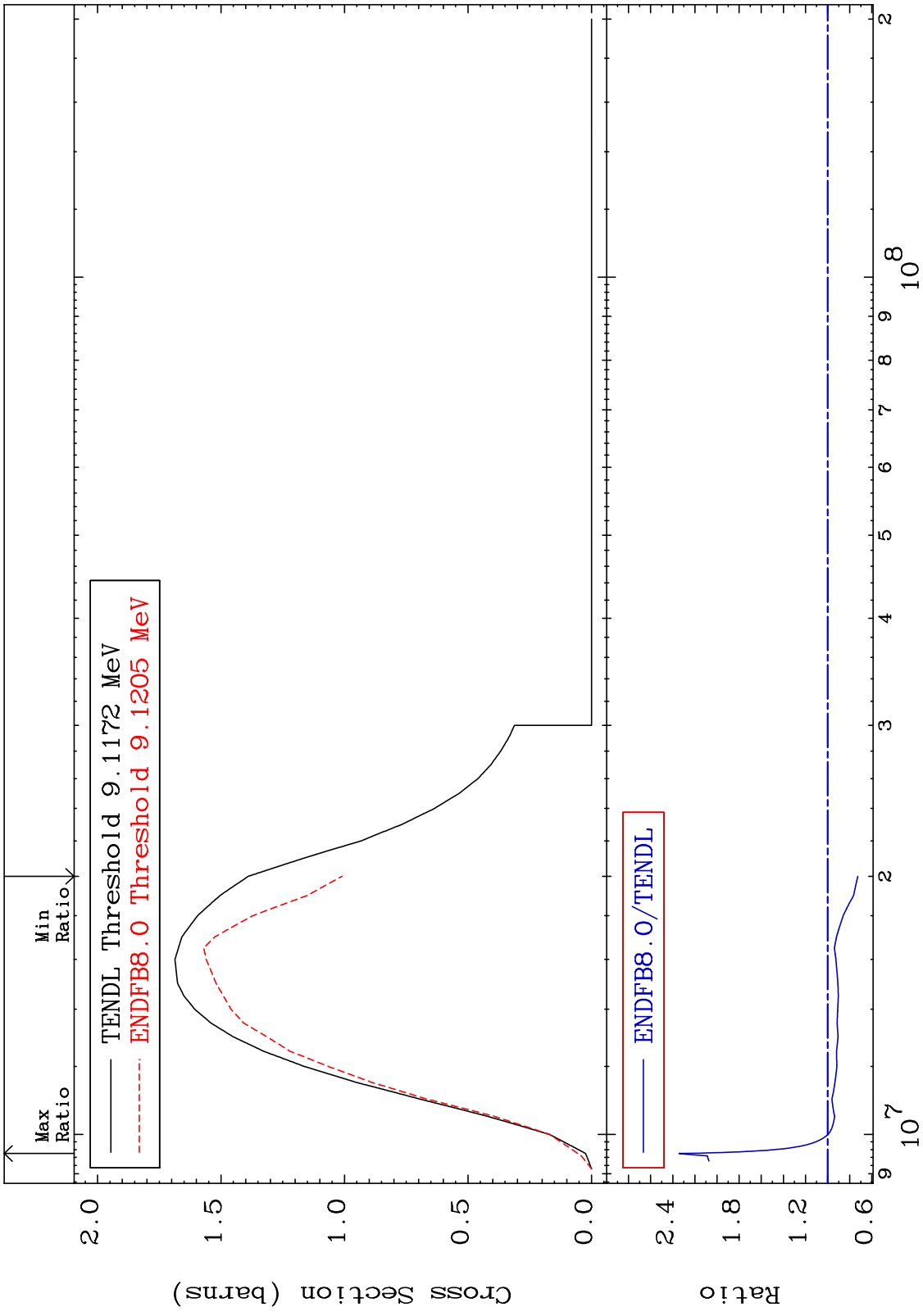
Incident Energy (eV)

49-In-115

MAT 4931 Inelastic Cross Section 49-In-115 -65.44 To 80.11 %

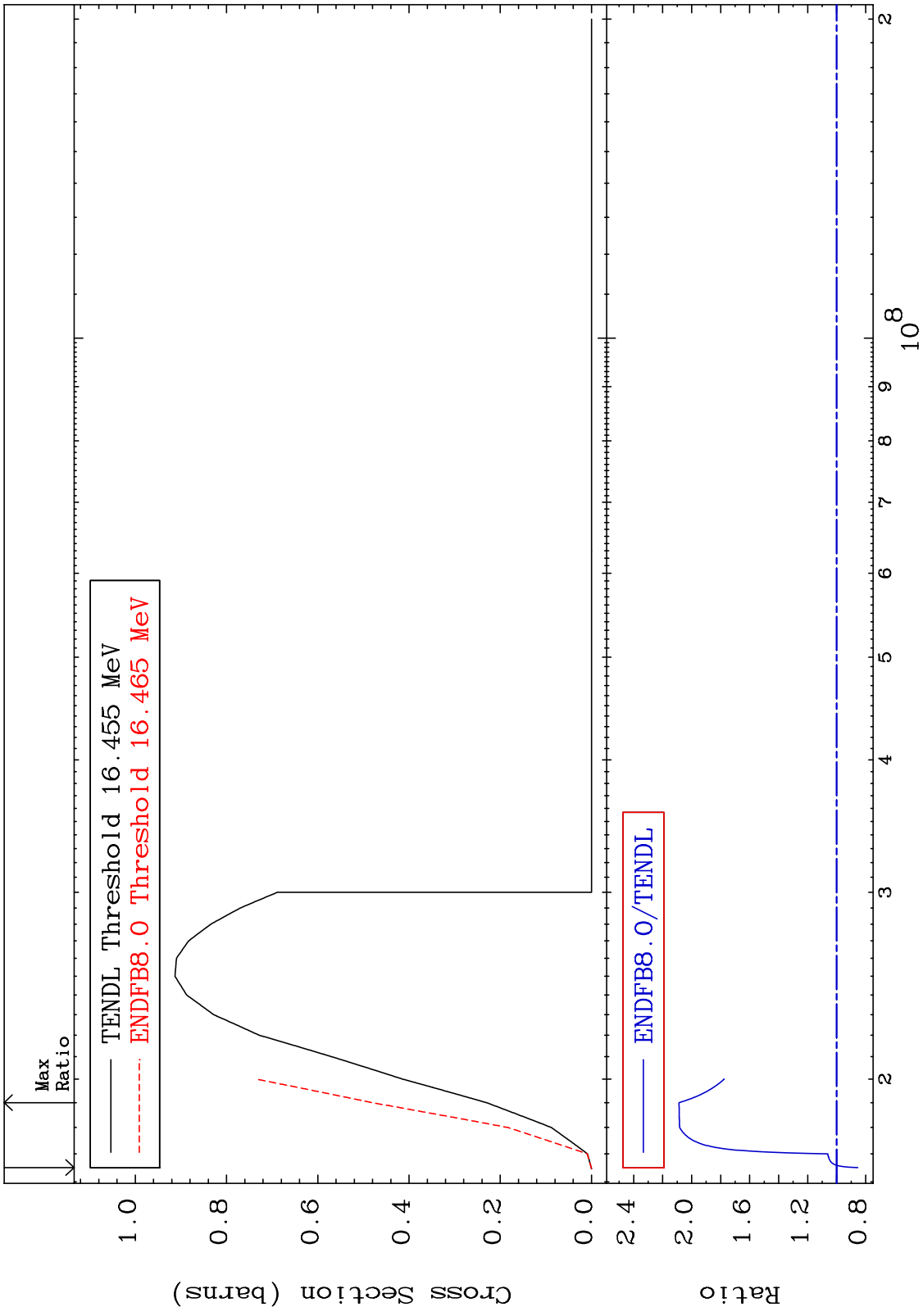


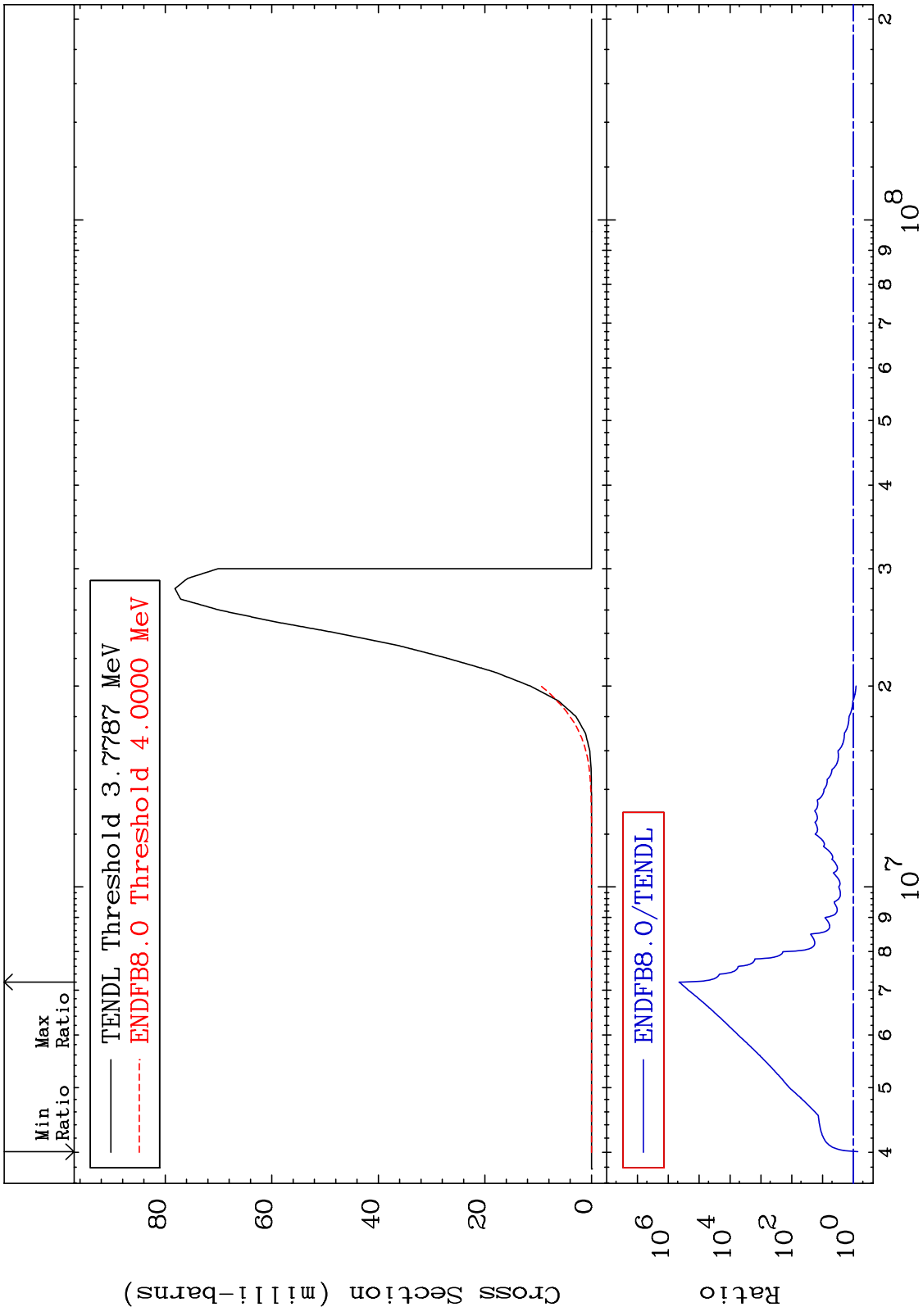
MAT 4931 (n,2n) Cross Section 49-In-115 -27.33 To 134.3 %



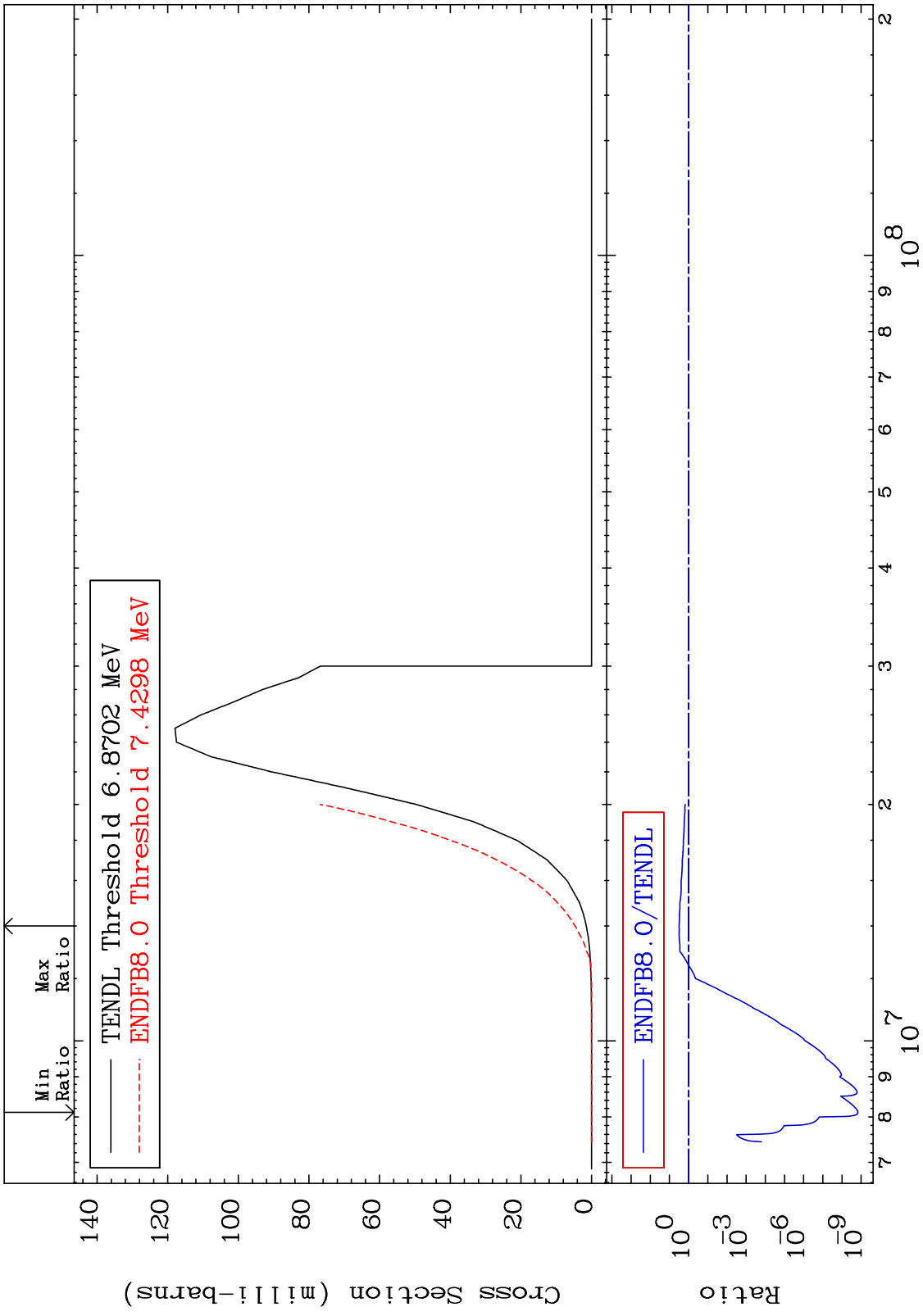
4 49-In-115

MAT 4931 (n,3n) Cross Section 49-In-115 -14.60 To 108.7 %





MAT 4931 (n,n') p 49-In-115
 Cross Section -100.0 To 216.1 %



7 Incident Energy (eV) 49-In-115

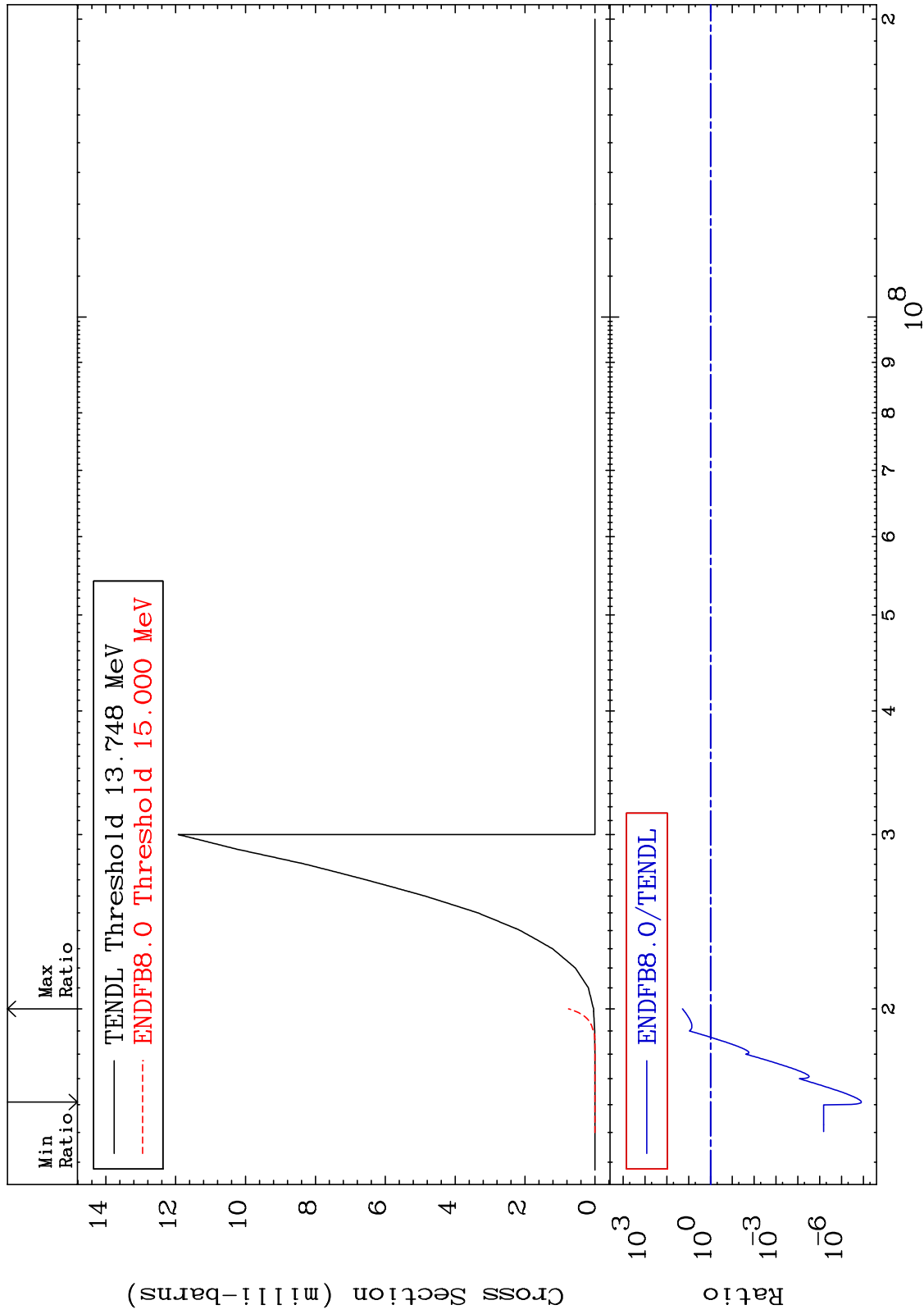
MAT 4931

(n,n') d

49-In-115

Cross Section

-100.0 To 1822. %



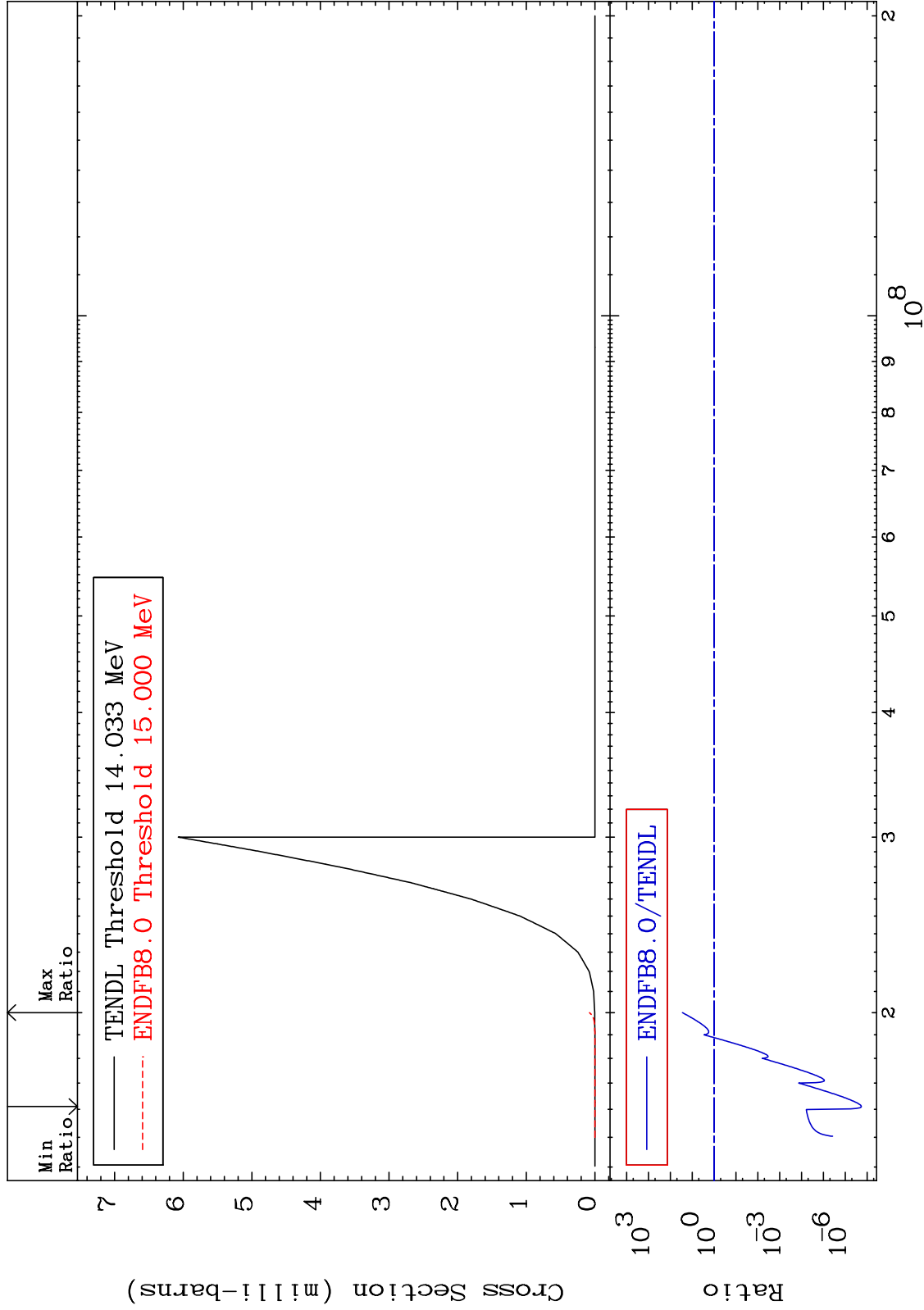
MAT 4931

(n,n') t

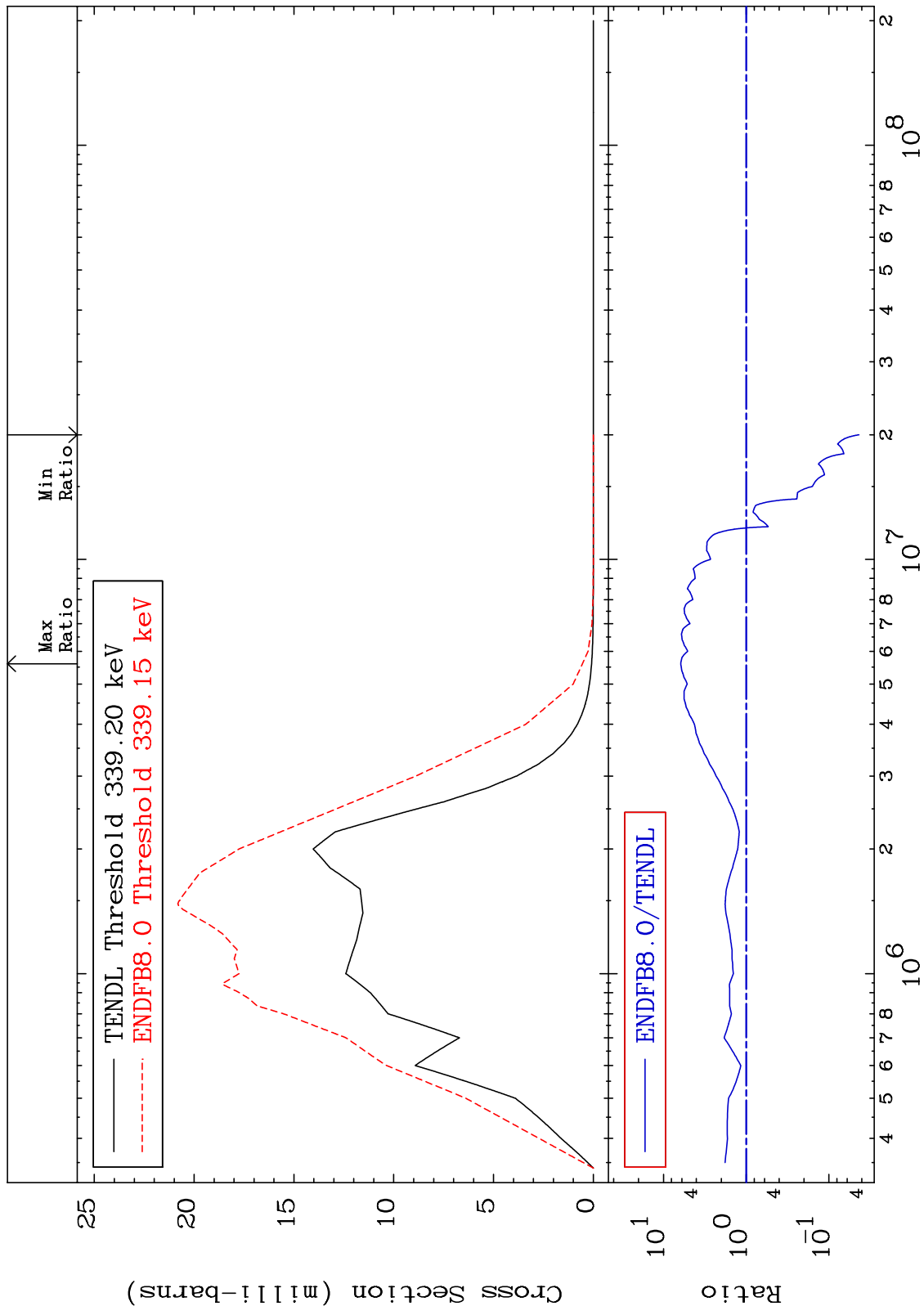
49-In-115

Cross Section

-100.0 To 2708. %

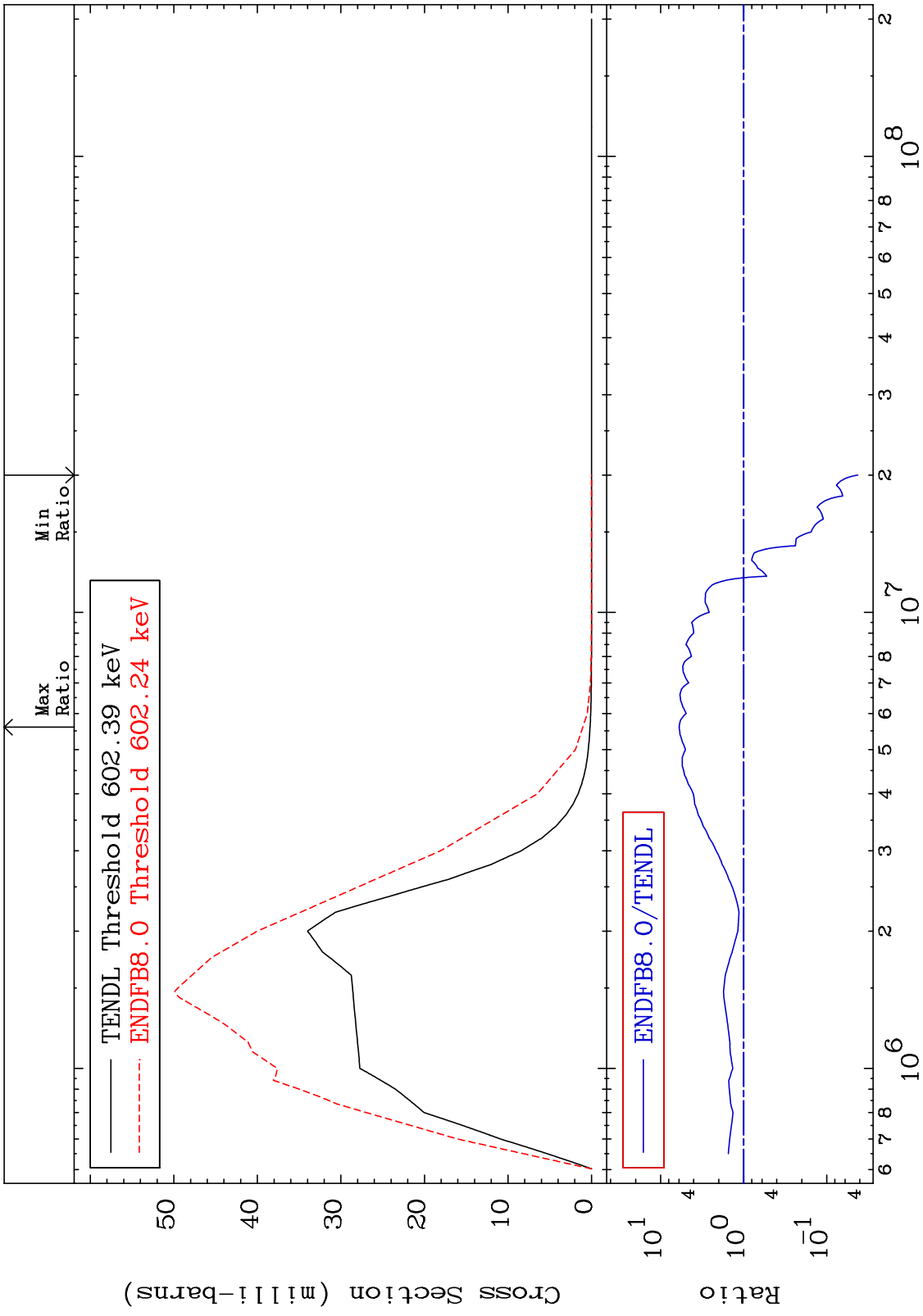


MAT 4931 MT= 51 (n,n') Level Cross Section 49-In-115
-95.68 To 519.9 %



10 Incident Energy (eV) 49-In-115

MAT 4931 MT= 52 (n,n') Level Cross Section 49-In-115
 -95.78 To 499.7 %

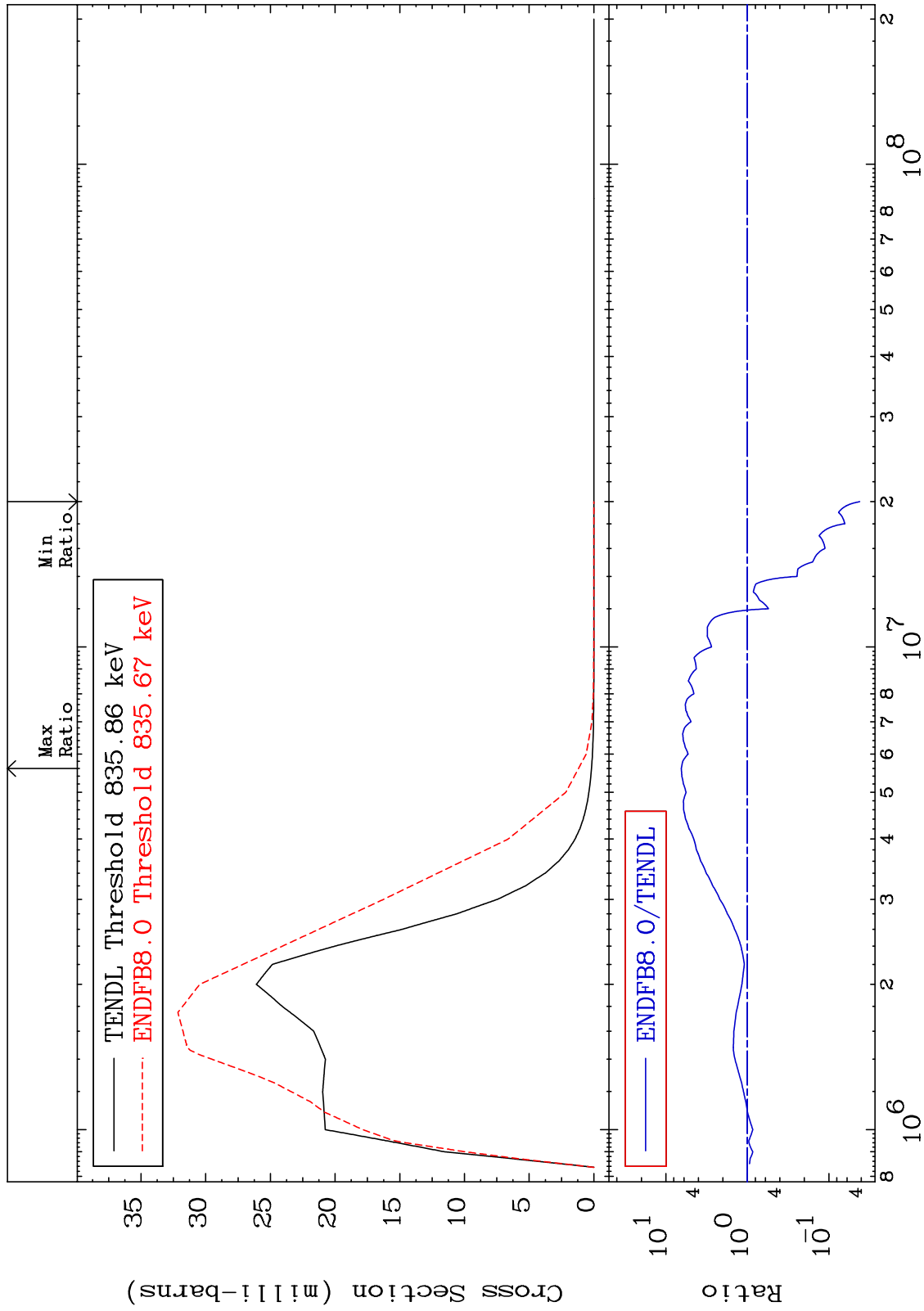


11 Incident Energy (eV) 49-In-115

MAT 4931

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

49-In-115
-95.82 To 548.4 %



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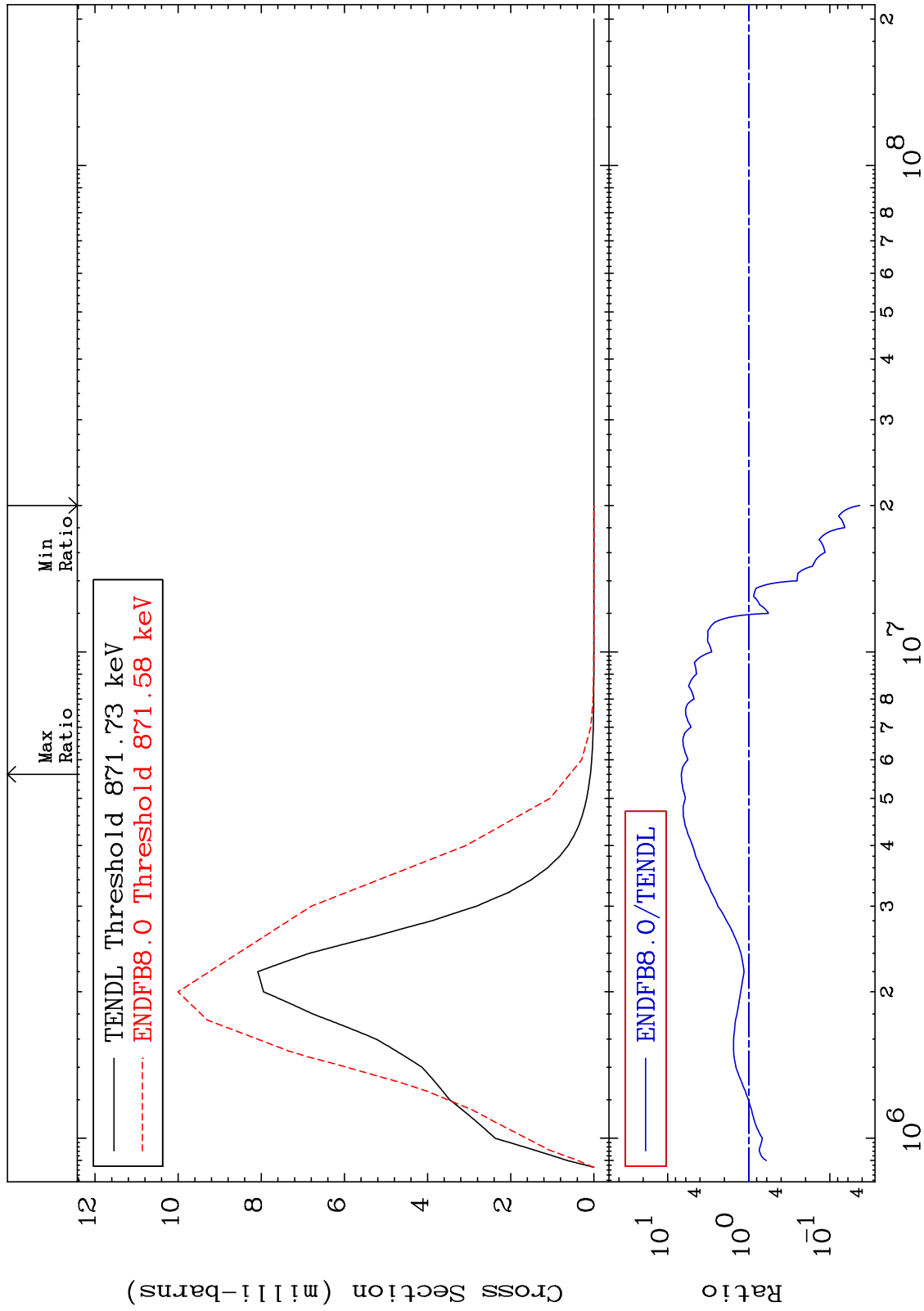
Incident Energy (eV)

49-In-115

MAT 4931

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

49-In-115
-95.72 To 581.0 %

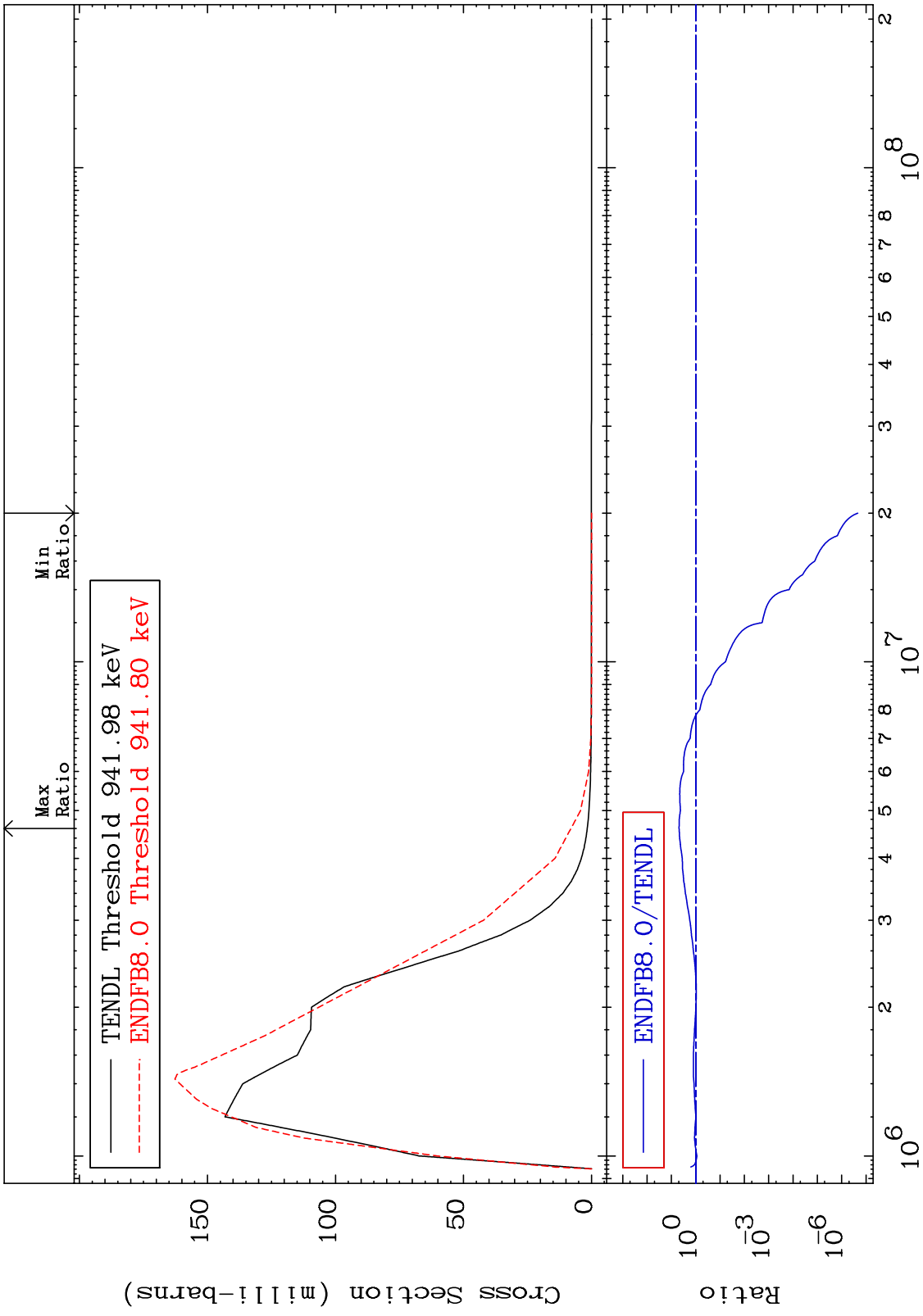


13

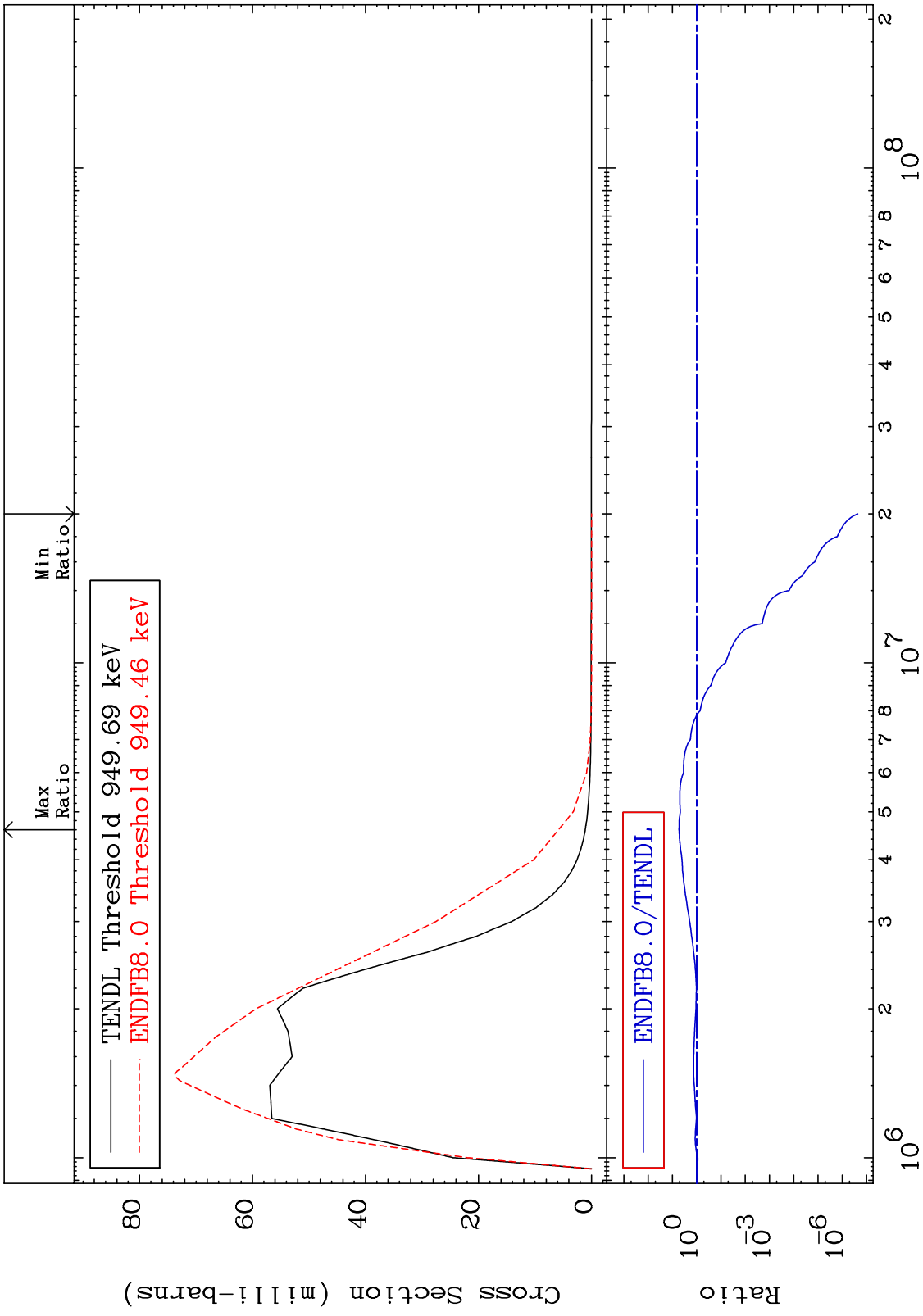
Incident Energy (eV)

49-In-115

MAT 4931 MT= 55 (n,n') Level Cross Section -100.0 To 385.7 % 49-In-115



MAT 4931 MT= 56 (n,n') Level Cross Section 49-In-115 -100.0 To 430.4 %

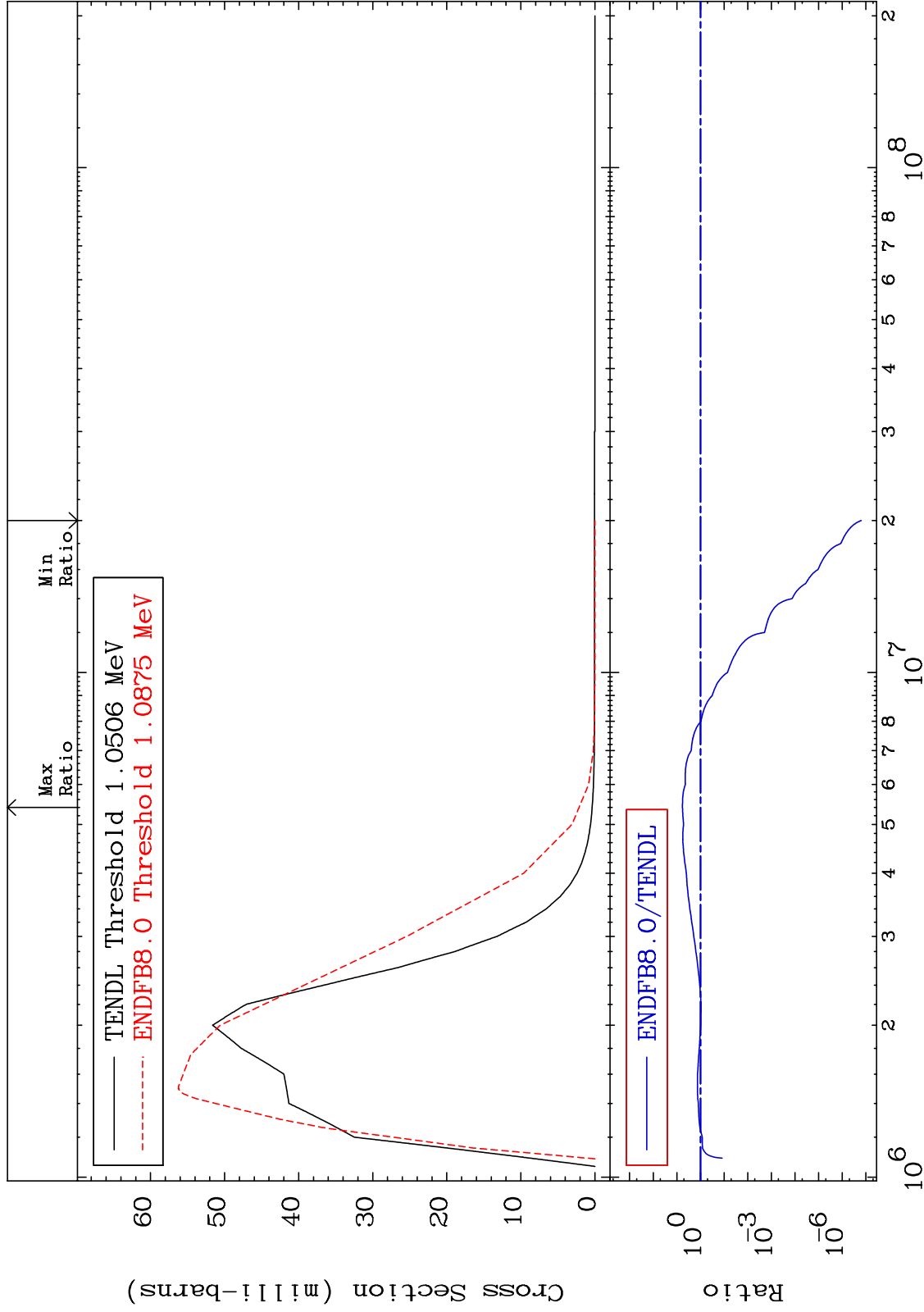


15 Incident Energy (eV) 49-In-115

MAT 4931

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

49-In-115
-100.0 To 478.0 %

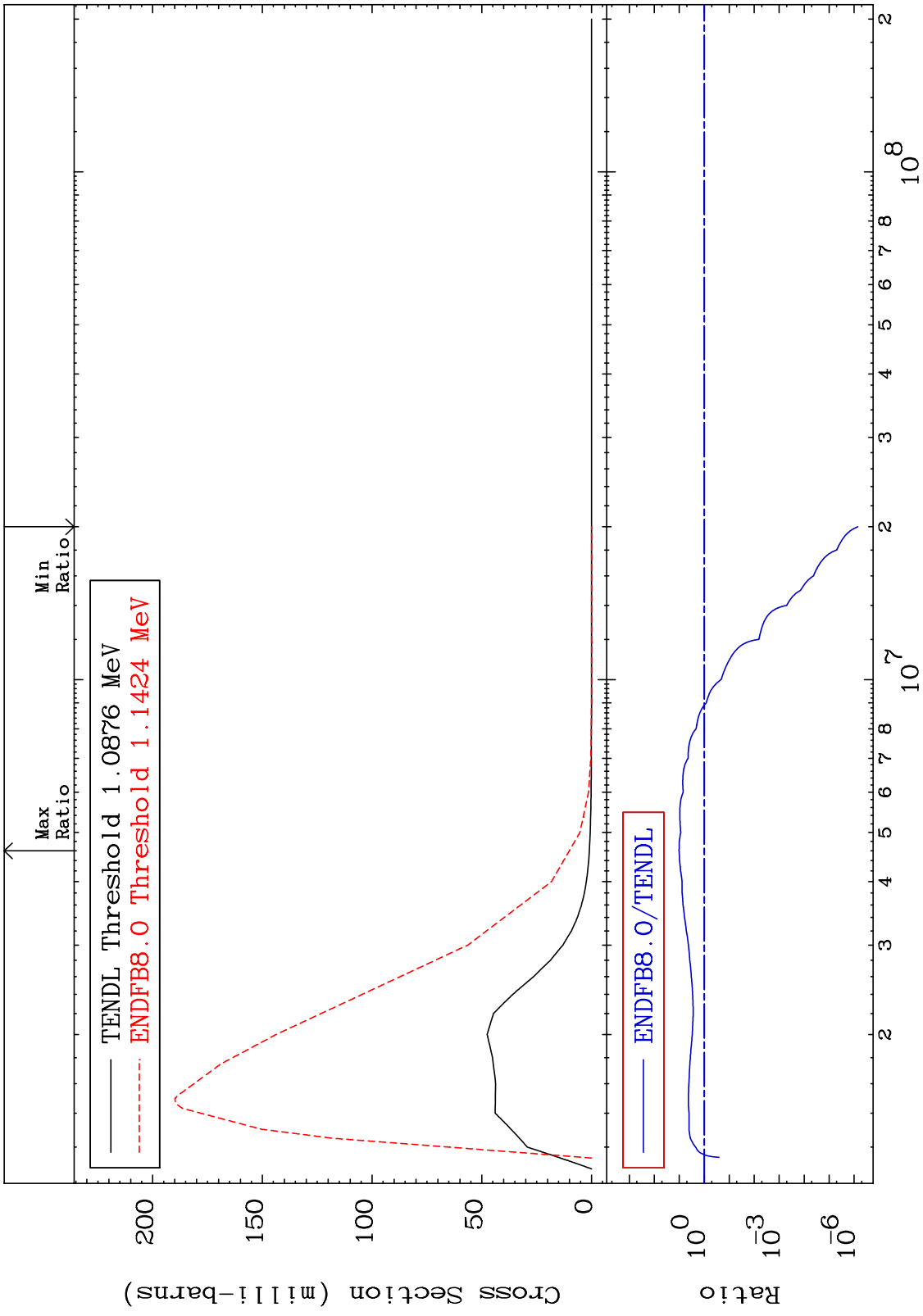


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Incident Energy (eV)

49-In-115

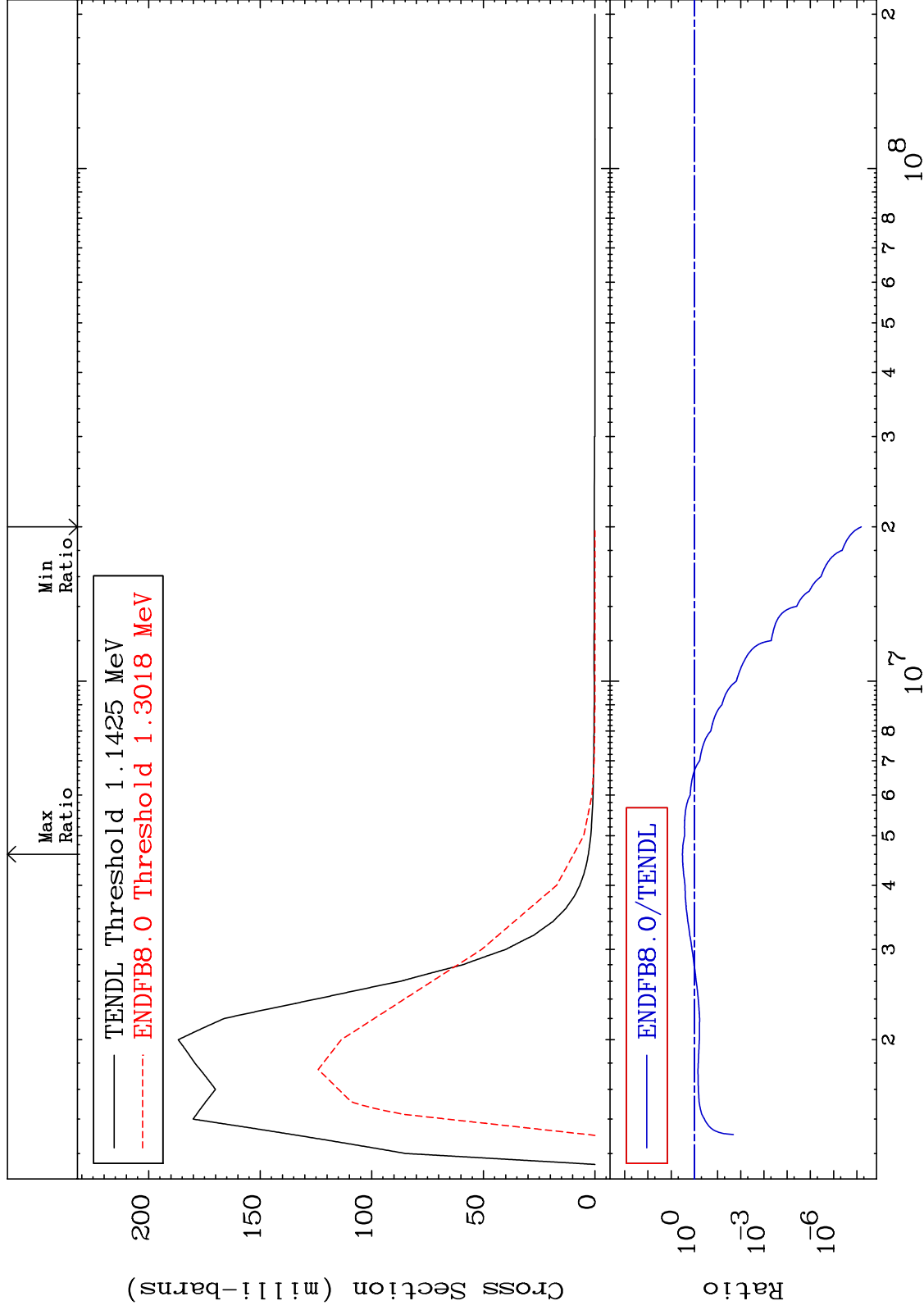
MAT 4931 MT= 58 (n,n') Level Cross Section 49-In-115
 -100.0 To 921.8 %



MAT 4931

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

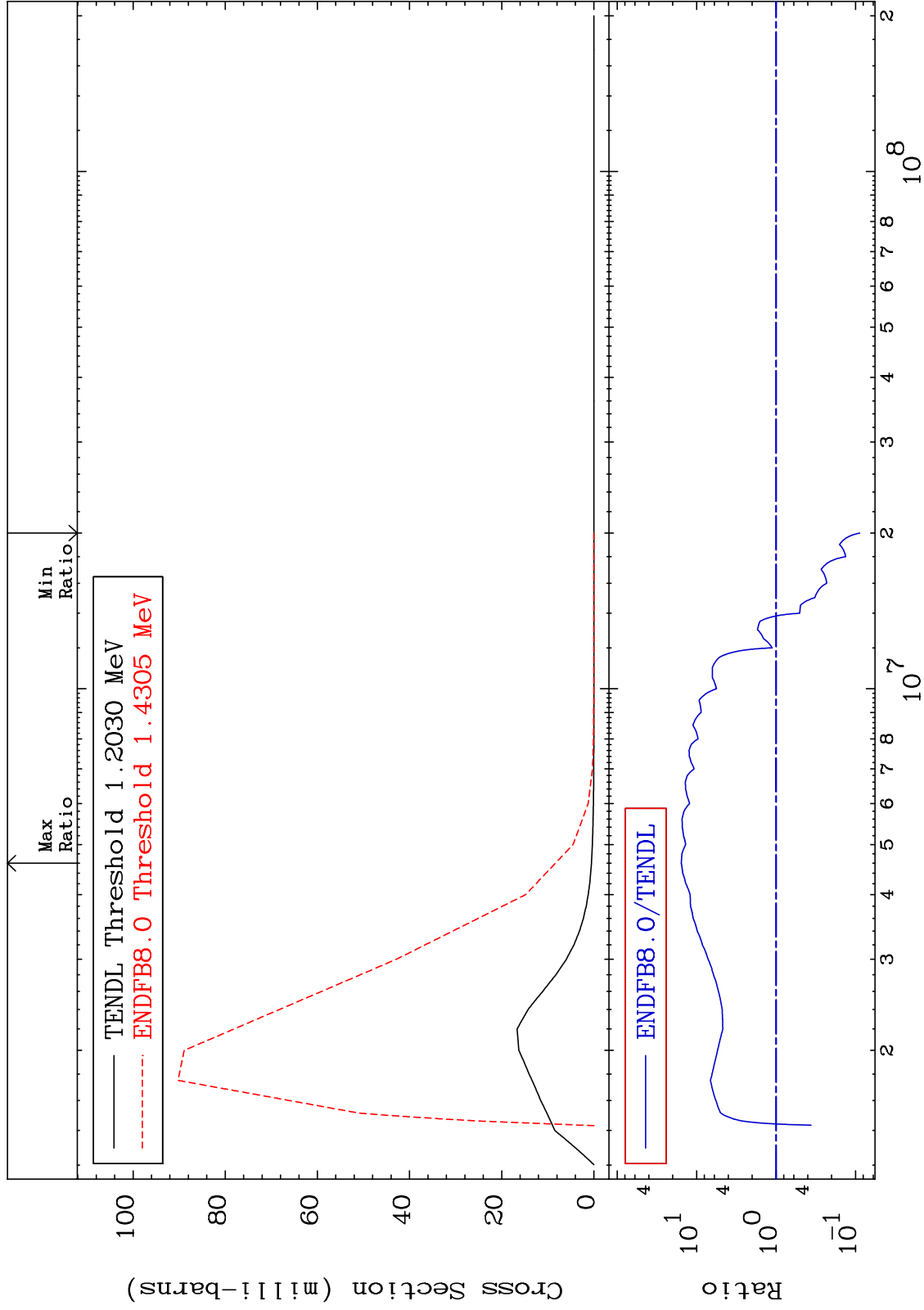
49-In-115
-100.0 To 225.8 %



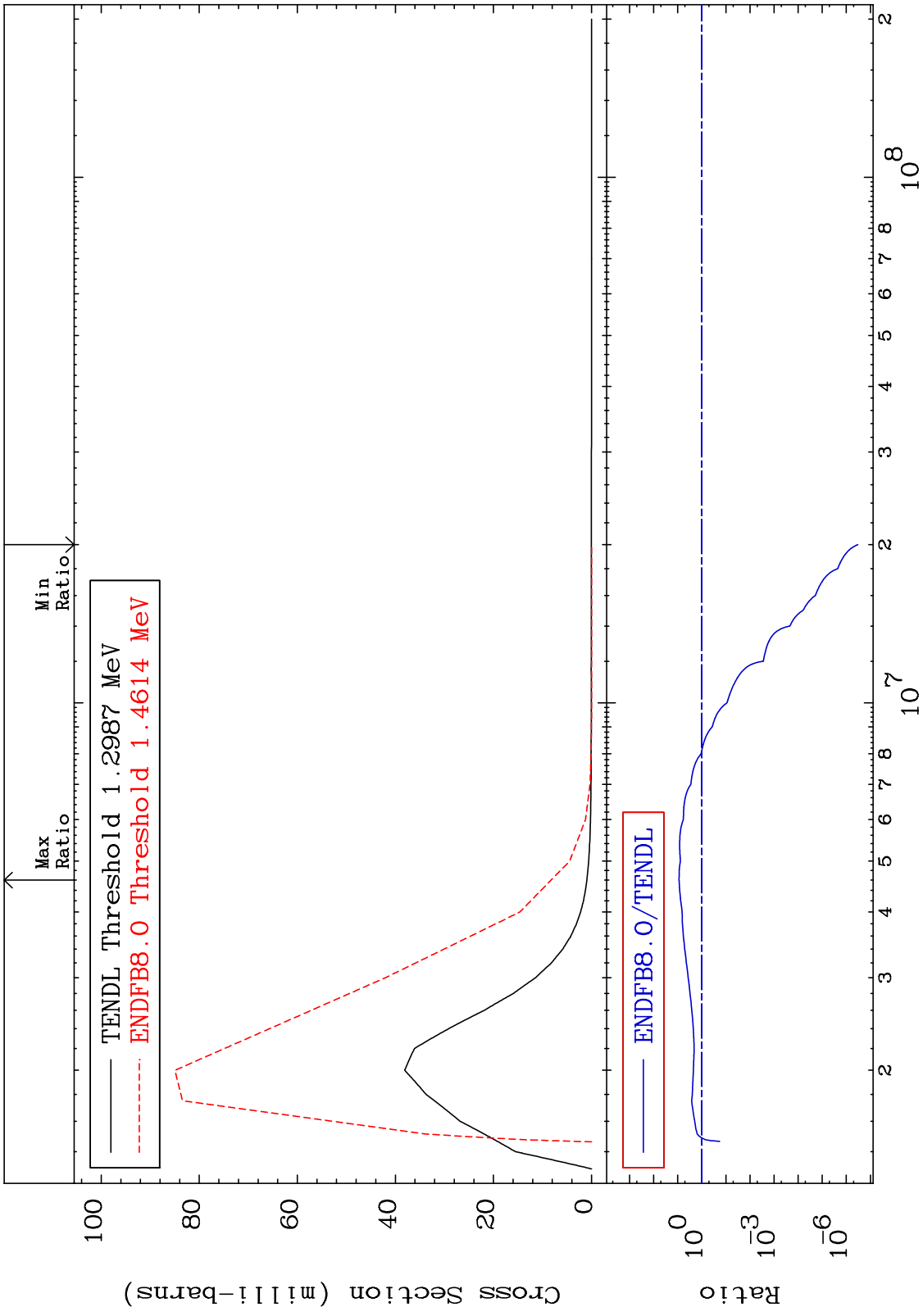
MAT 4931

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

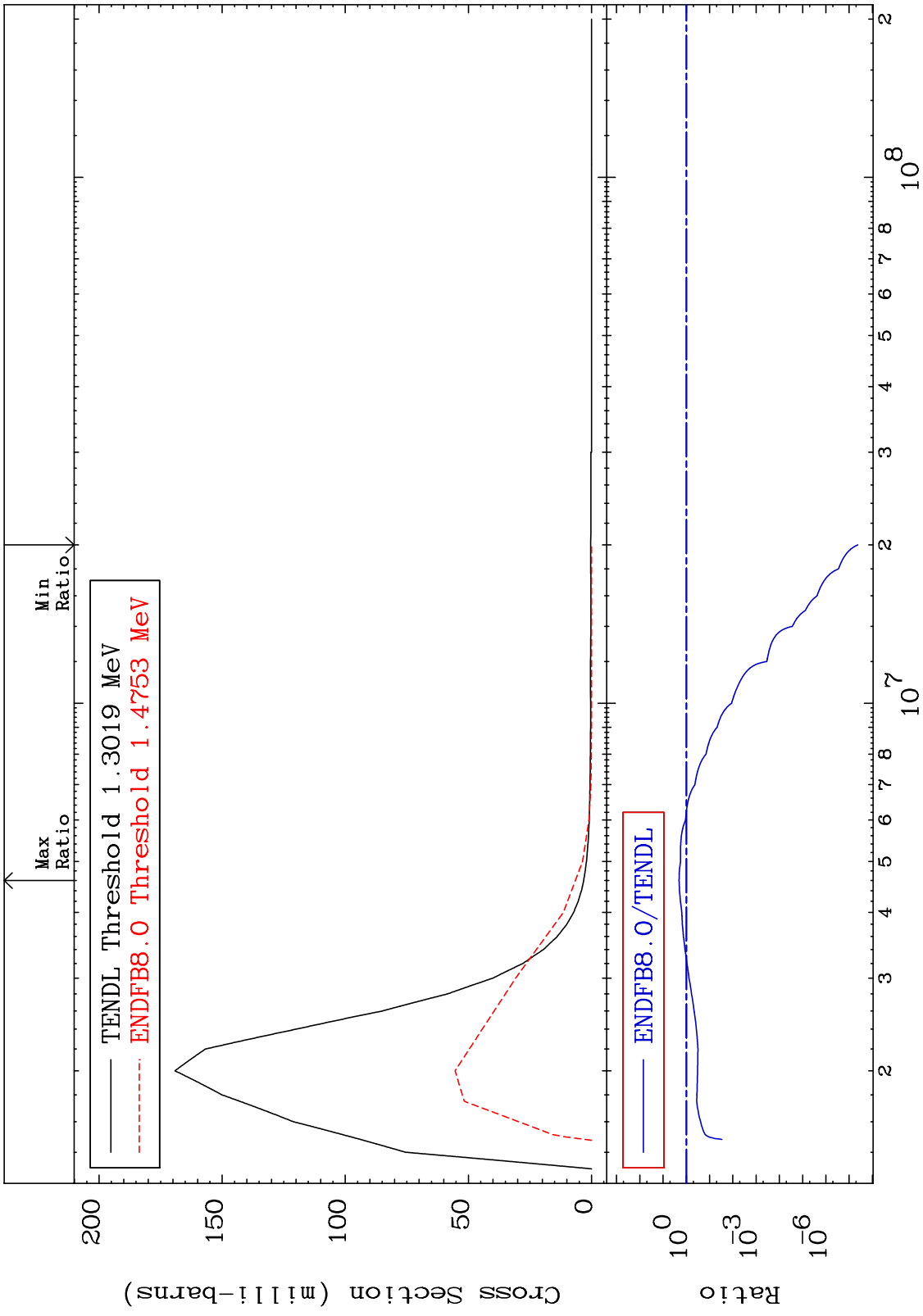
49-In-115
-91.15 To 1464. %



MAT 4931 MT= 61 (n,n') Level Cross Section 49-In-115
 -100.0 To 778.6 %



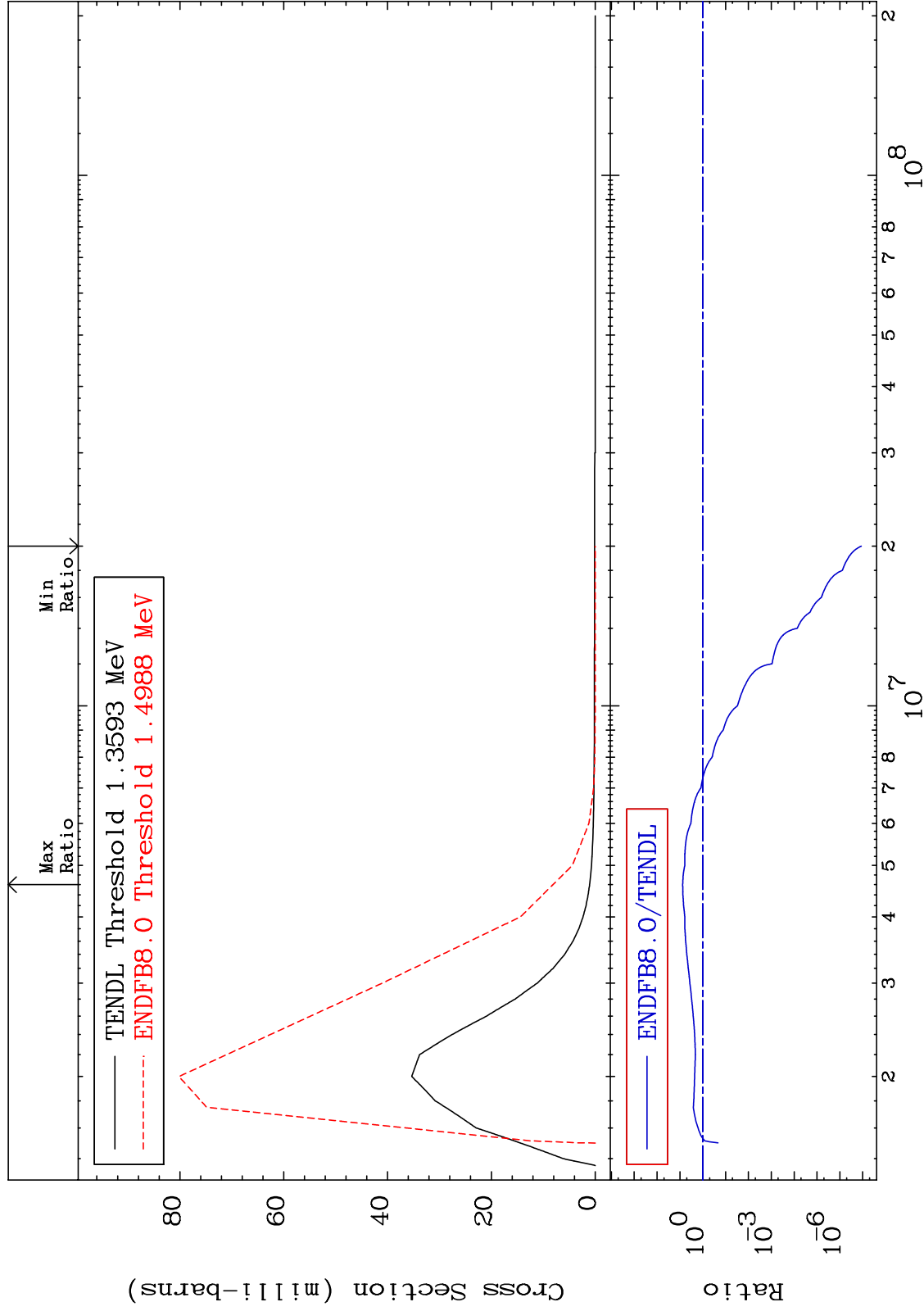
MAT 4931 MT= 62 (n,n') Level Cross Section -100.0 To 105.3 % 49-In-115



MAT 4931

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

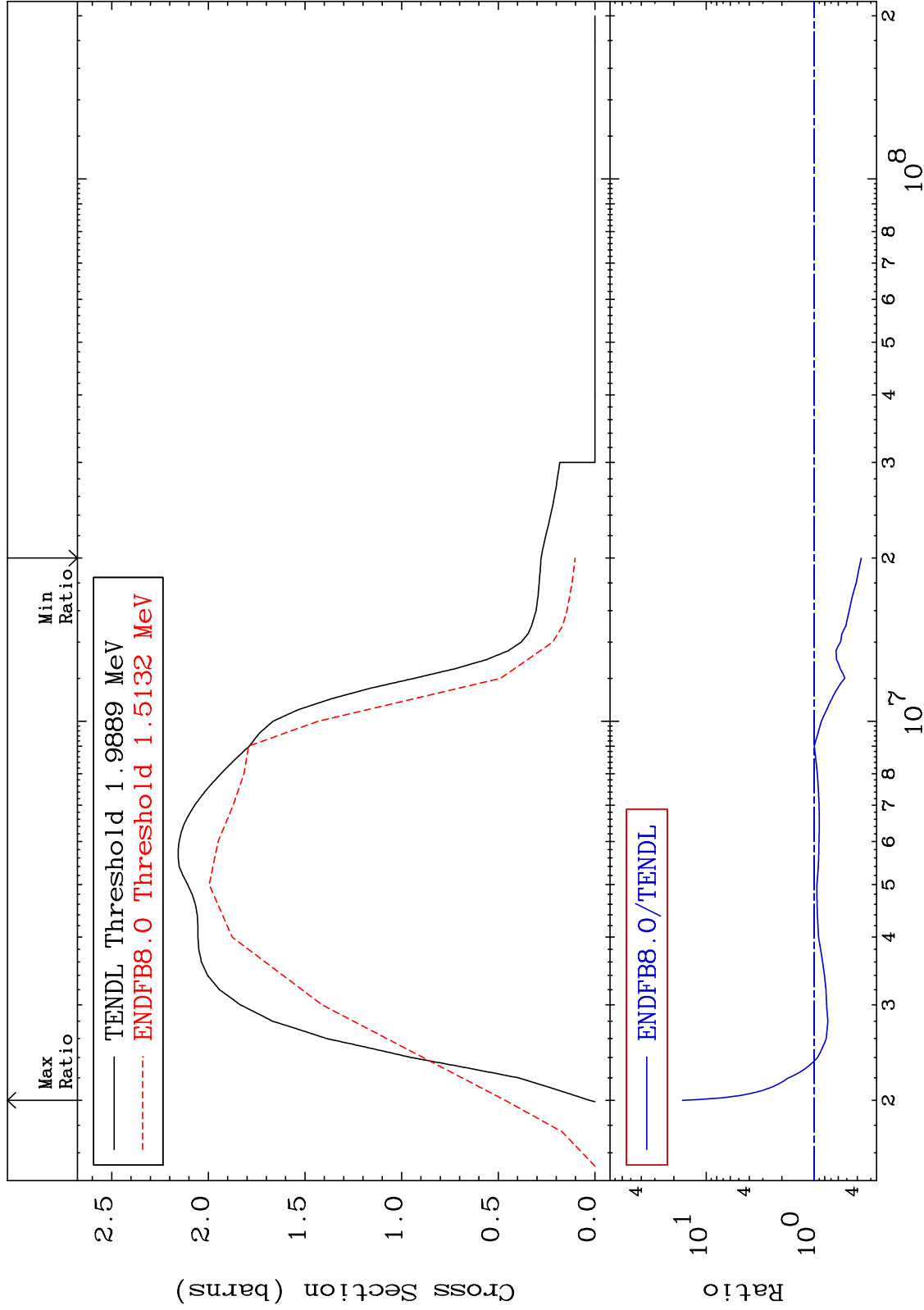
49-In-115
-100.0 To 655.9 %



MAT 4931

(n, n') Continuum
Cross Section

49-In-115
-63.25 To 1562. %



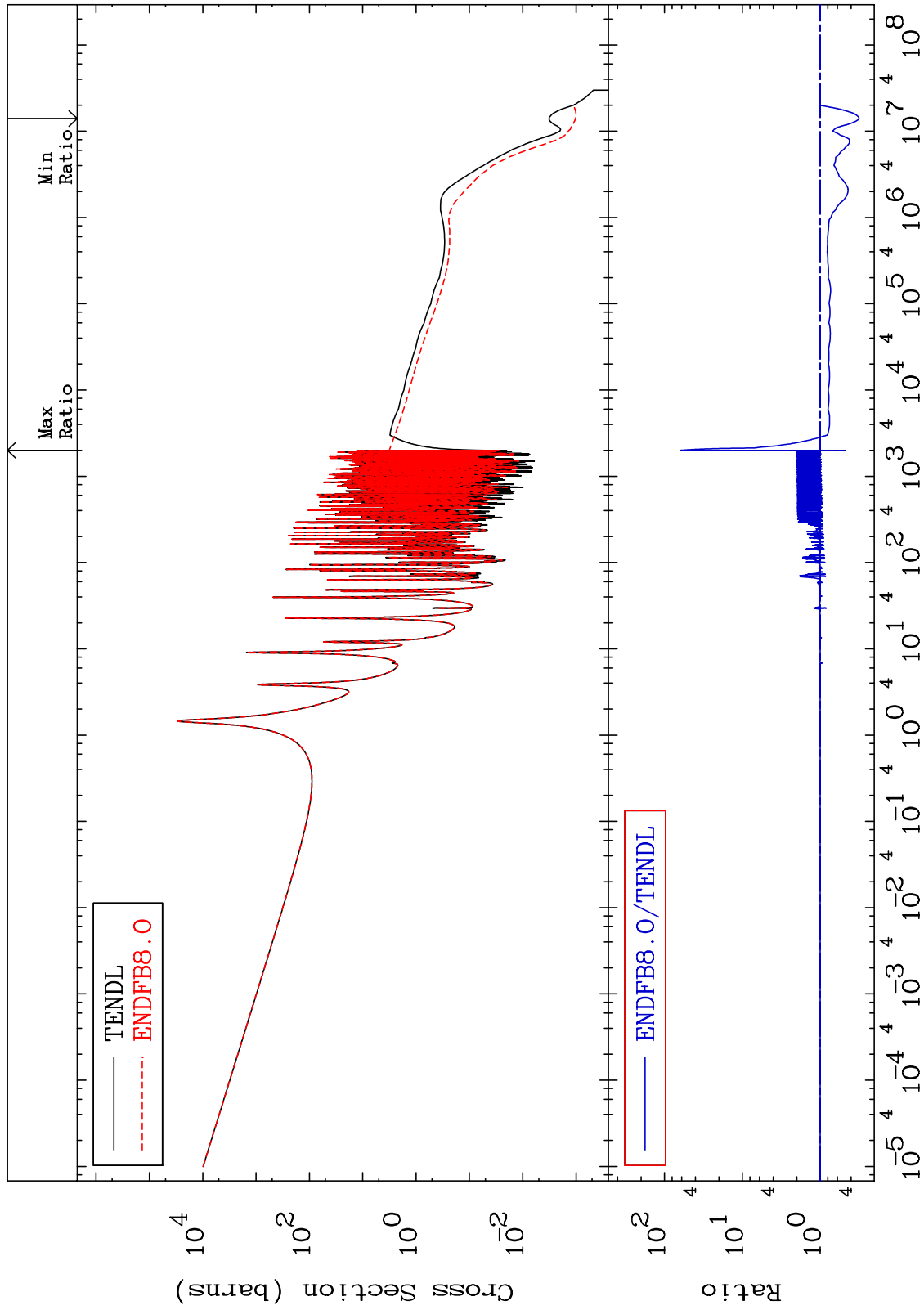
MAT 4931

(n, γ)

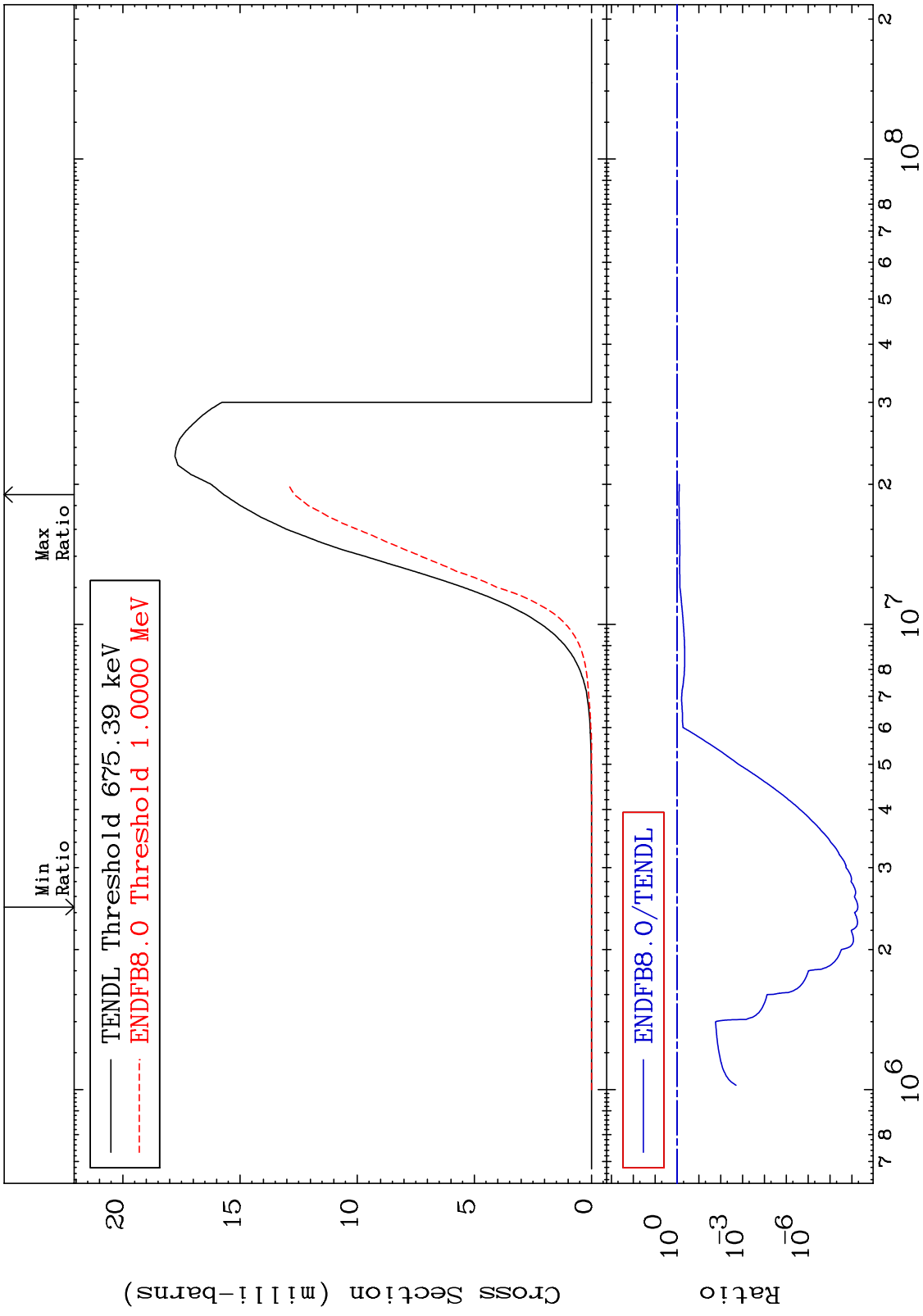
49-In-115

Cross Section

-68.27 To 6094. %



MAT 4931 (n,p) Cross Section 49-In-115 -100.0 To -19.18%



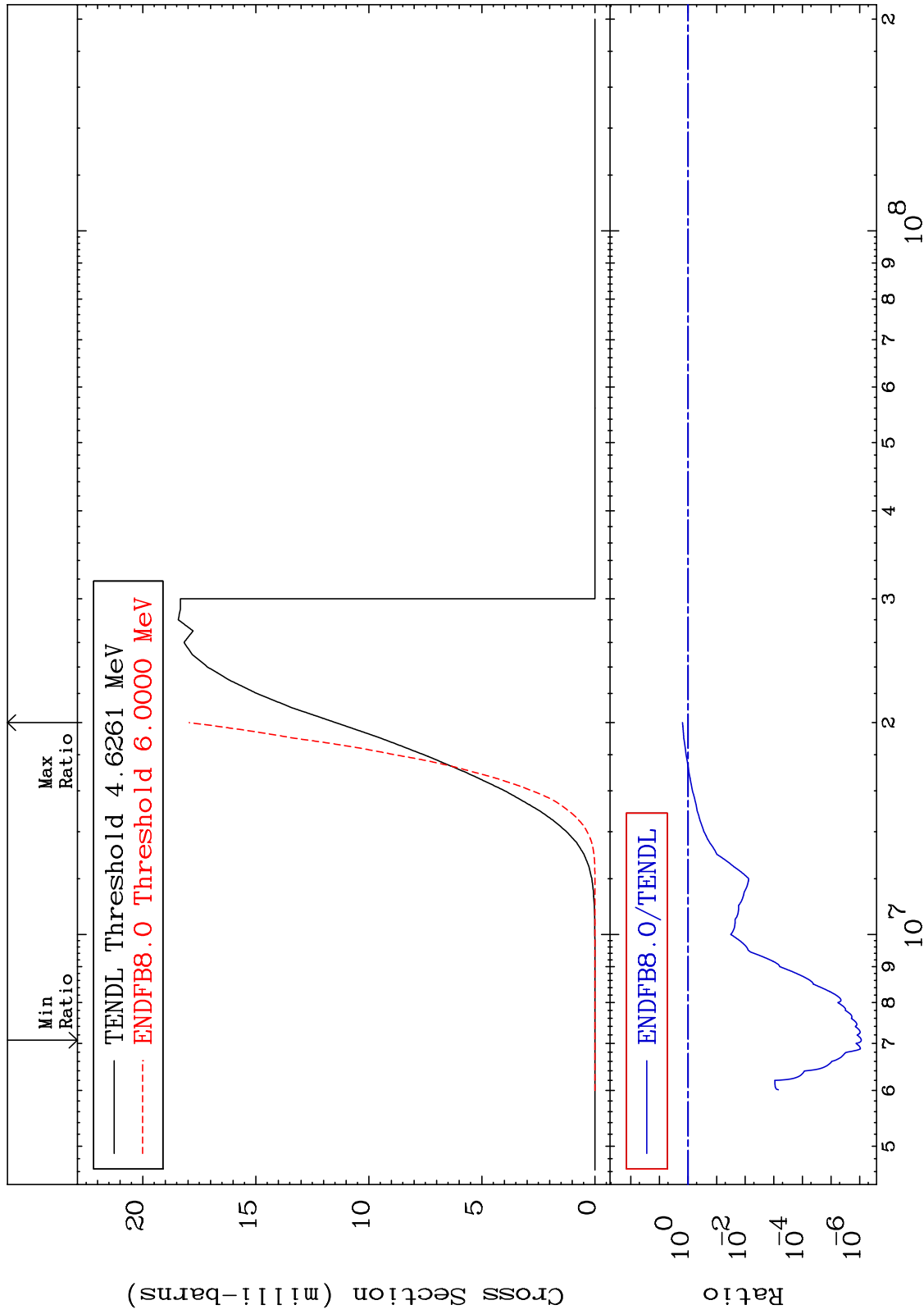
MAT 4931

(n,d)

49-In-115

-100.0 To 56.42 %

Cross Section



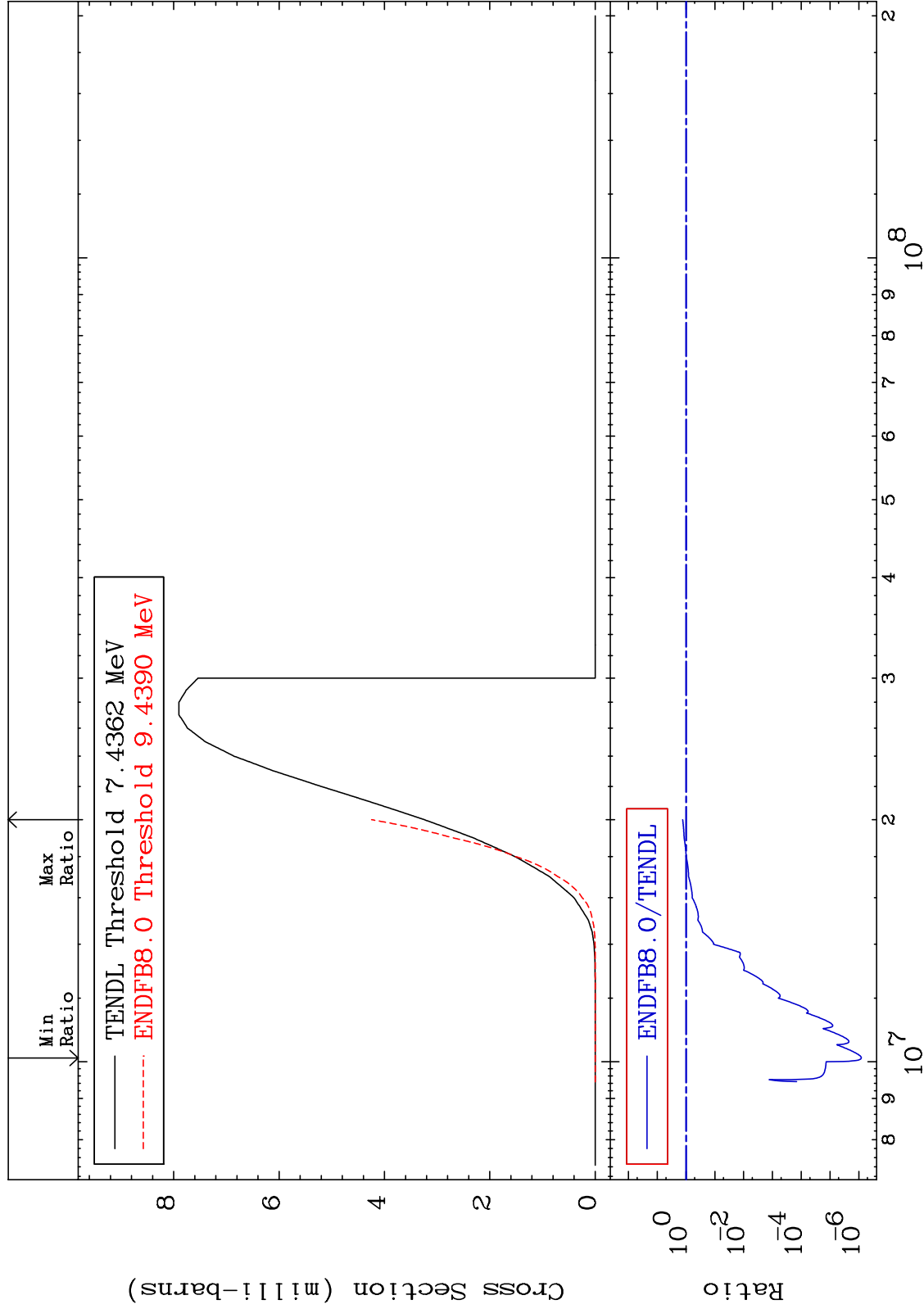
MAT 4931

(n,t)

49-In-115

Cross Section

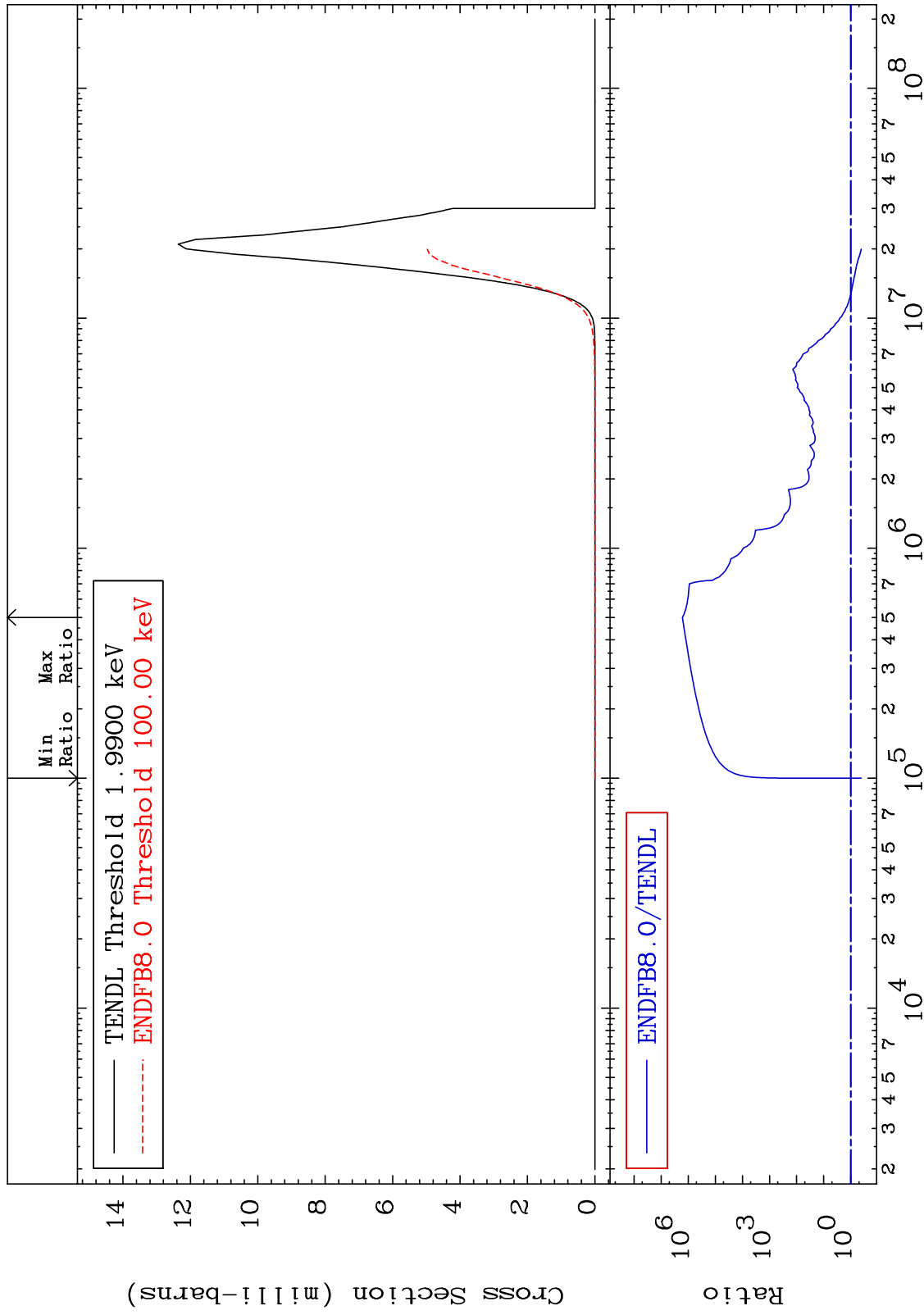
-100.0 To 30.88 %



MAT 4931

49-In-115

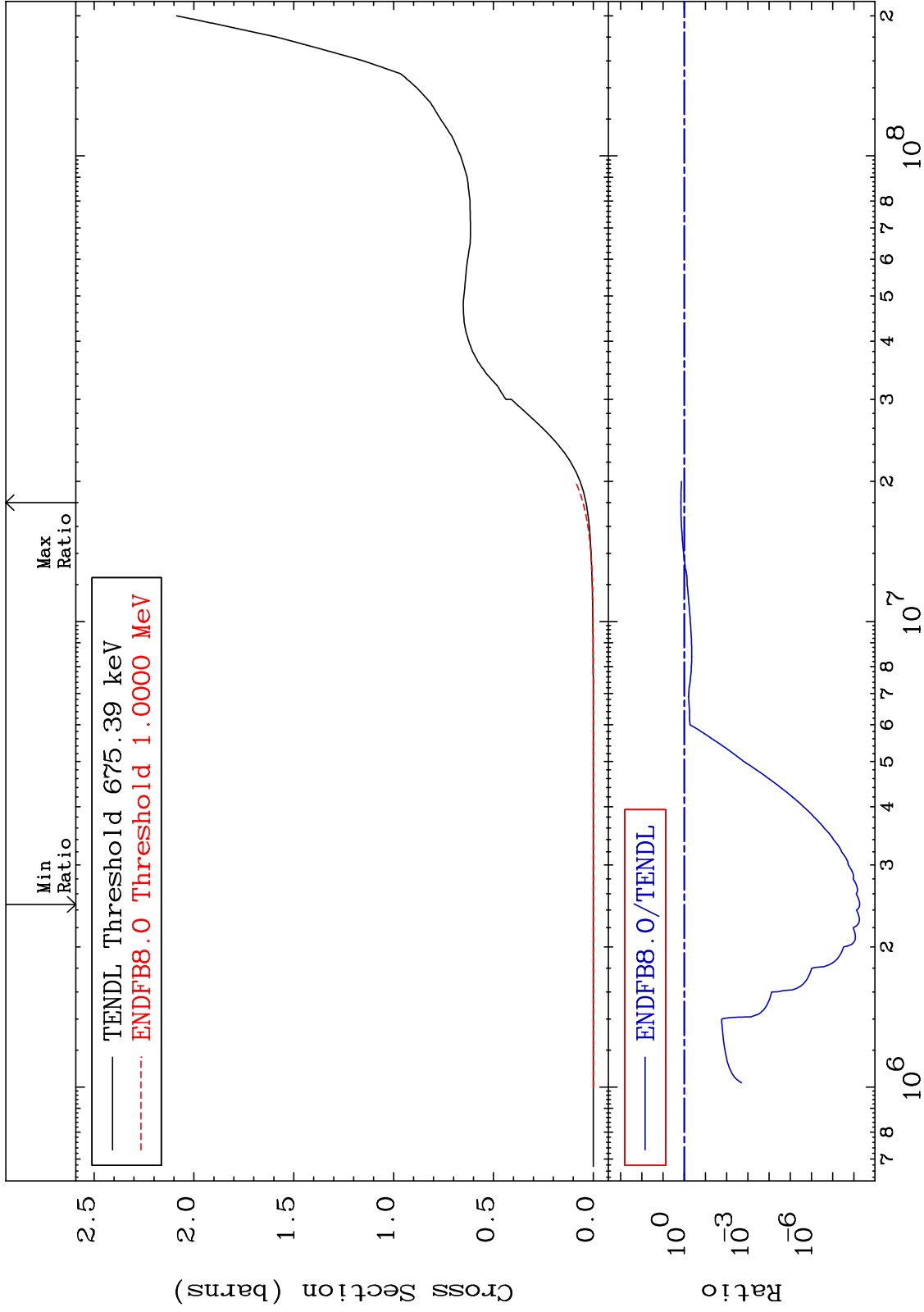
(n, α)
Cross Section
-59.00 To 9999. %



MAT 4931

Hydrogen Production
Cross Section

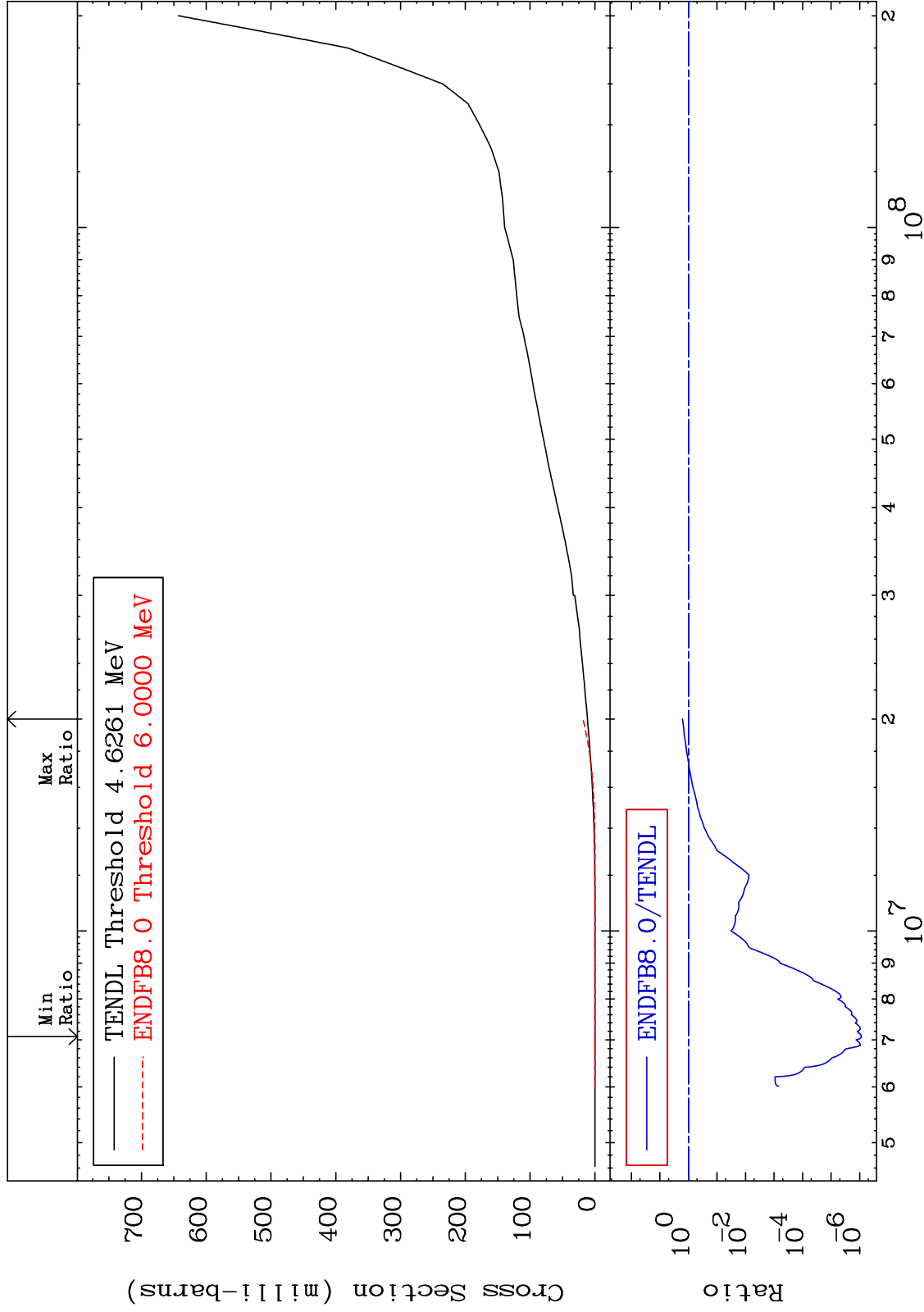
49-In-115
-100.0 To 44.14 %



MAT 4931

Deuterium Production
Cross Section

49-In-115
-100.0 To 62.46 %



30

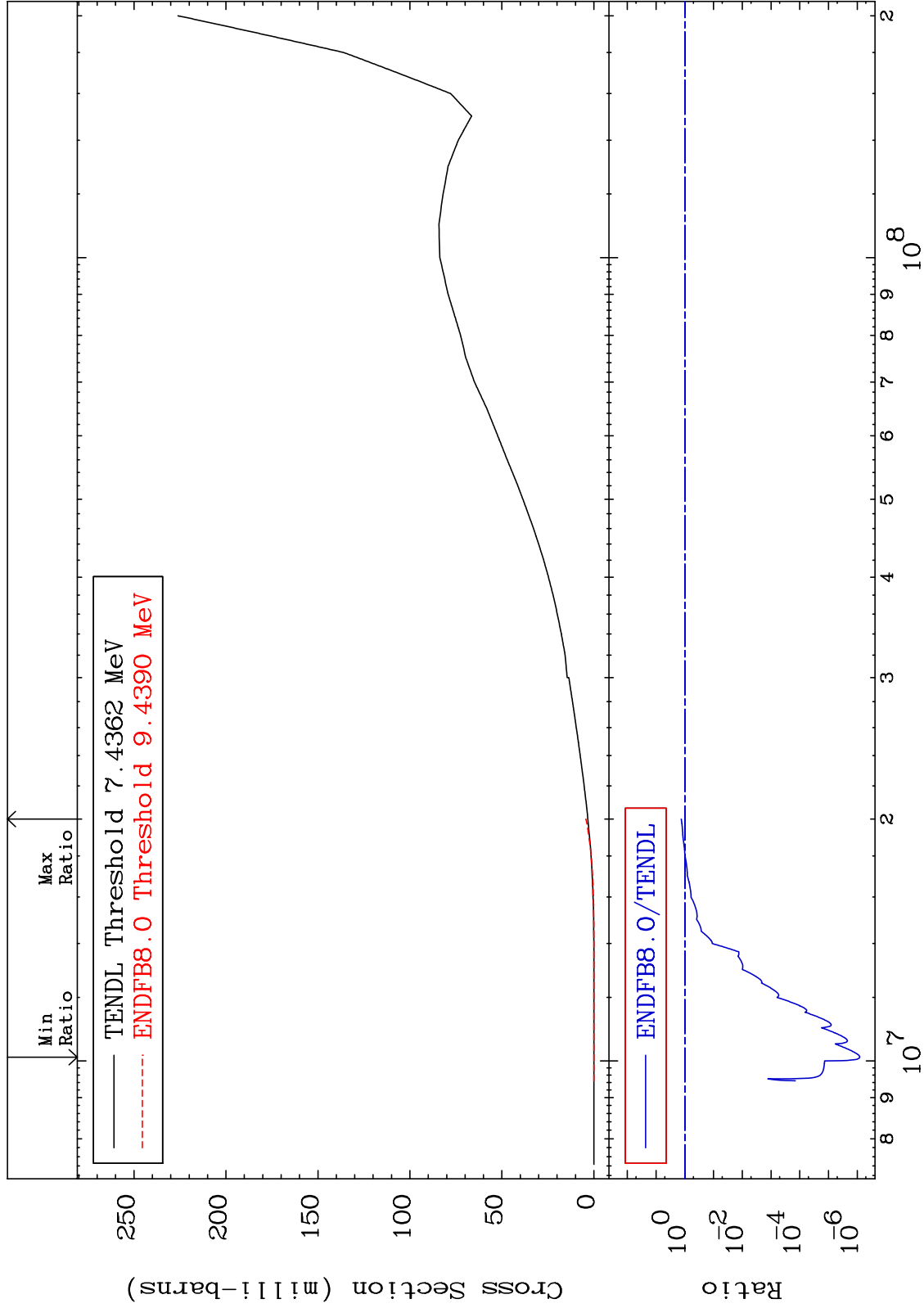
Incident Energy (eV)

49-In-115

MAT 4931

Tritium Production
Cross Section

49-In-115
-100.0 To 33.23 %



31

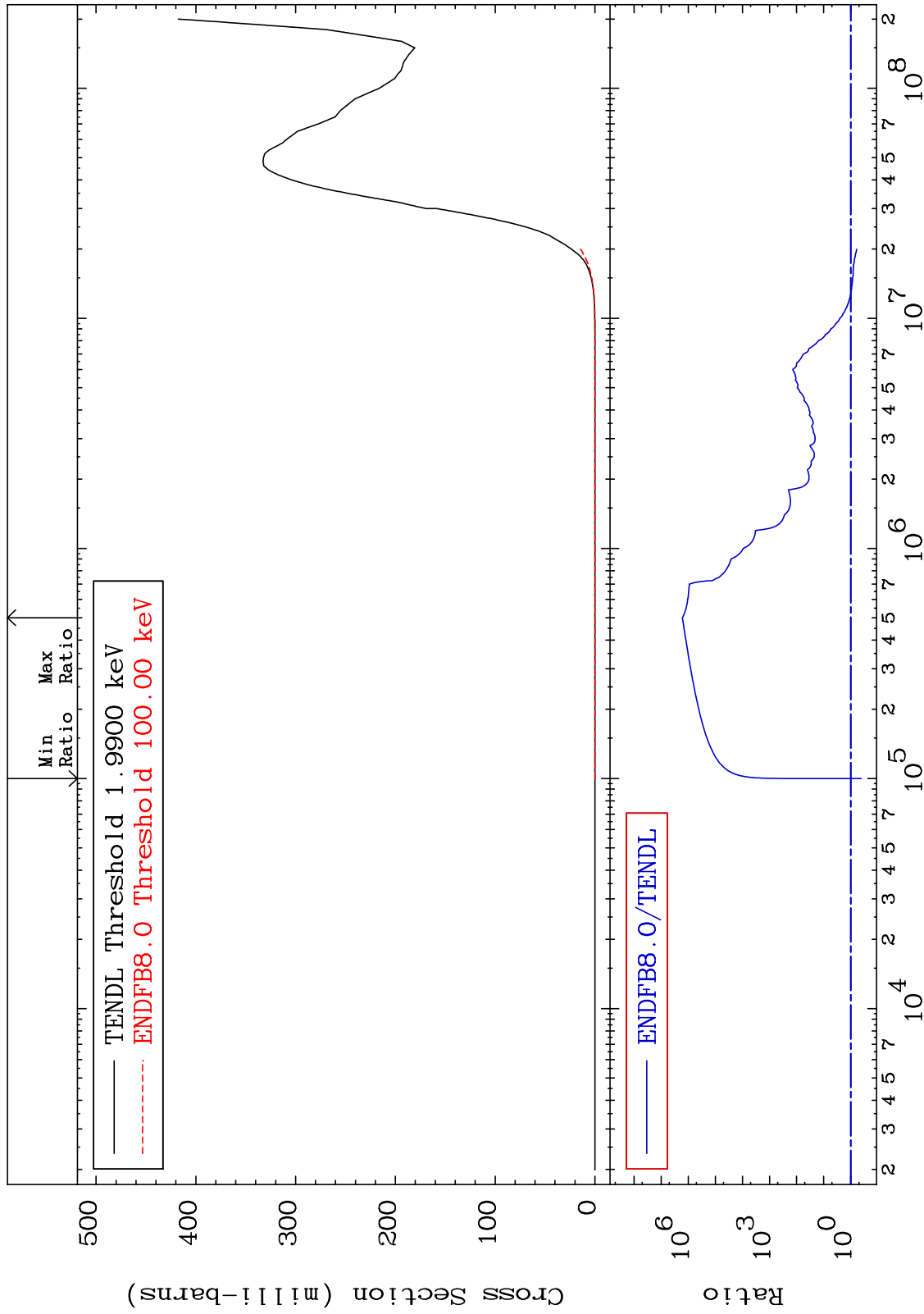
Incident Energy (eV)

49-In-115

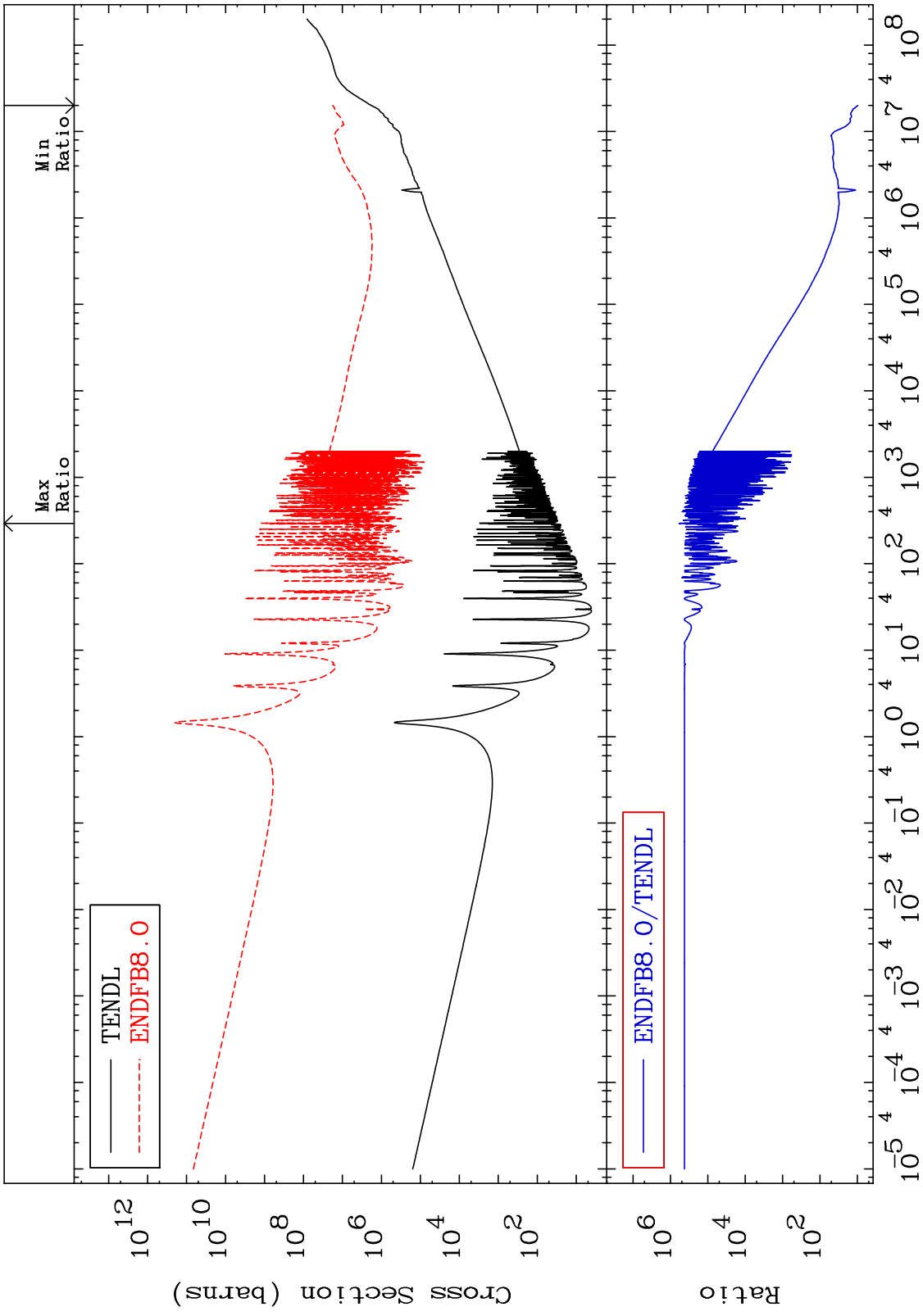
MAT 4931

He-4 Production
Cross Section

49-In-115
-59.00 To 9999. %



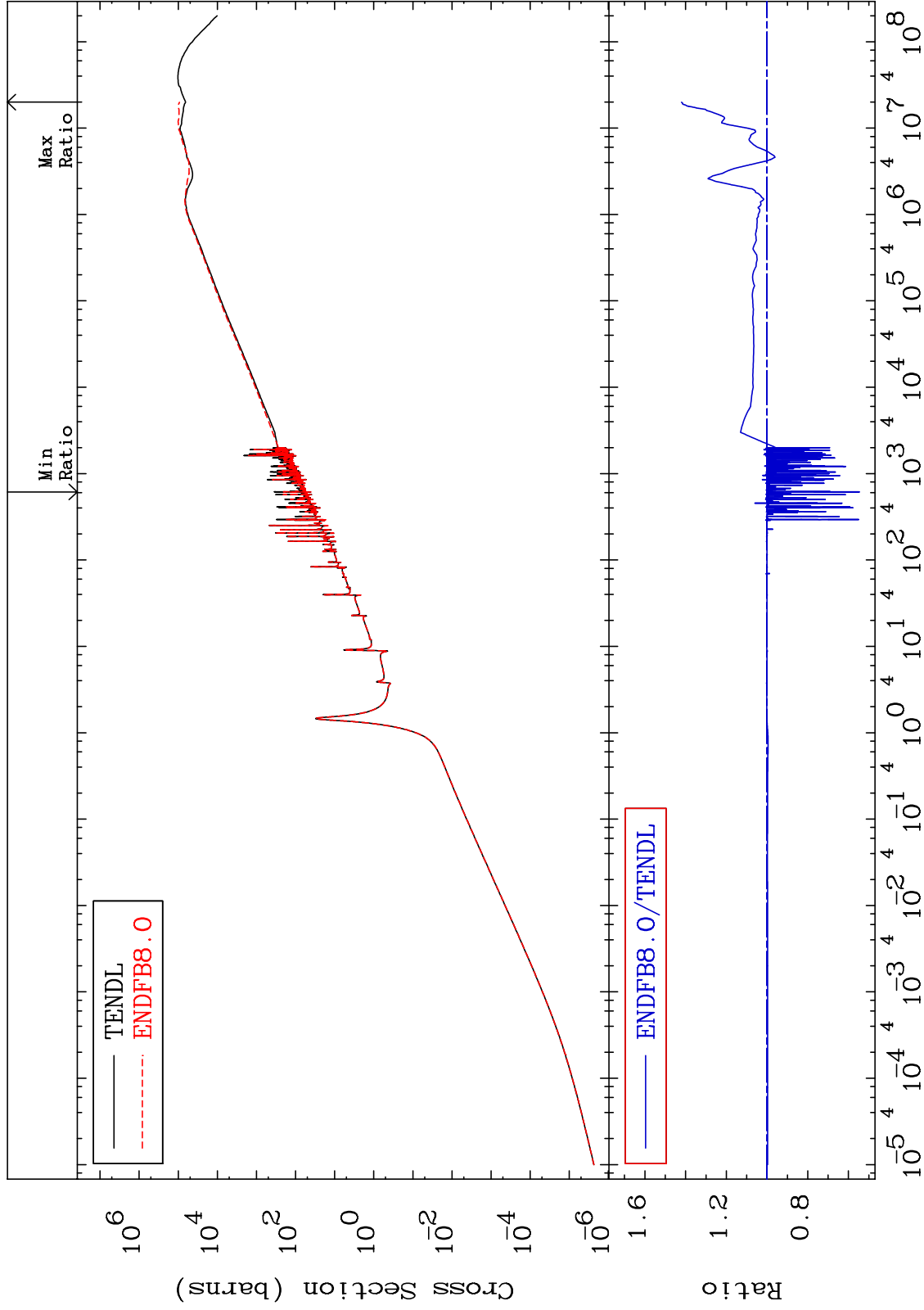
MAT 4931 Kerma total (eV-barns) 49-In-115
 Cross Section 873.9 To 9999. %



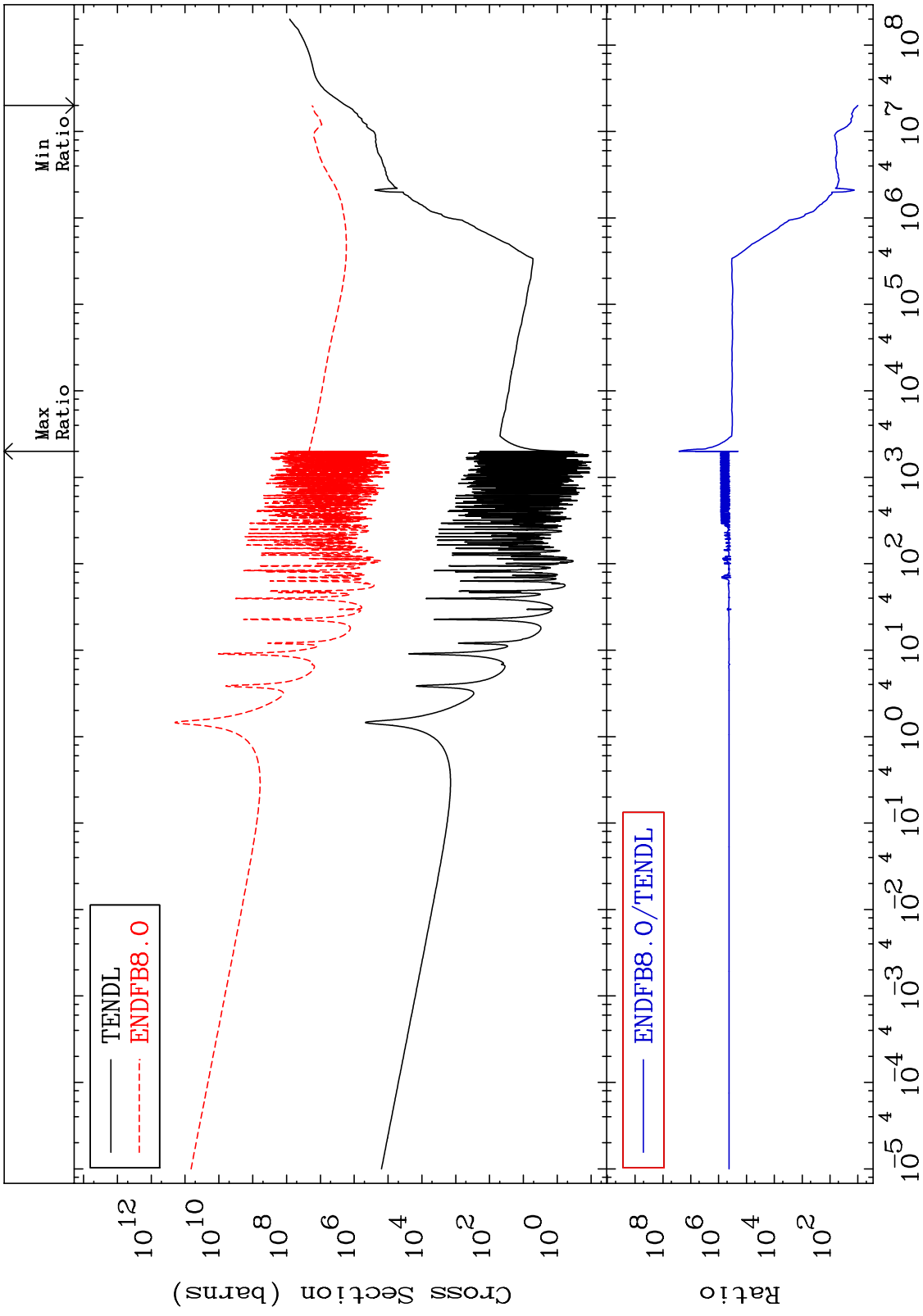
MAT 4931

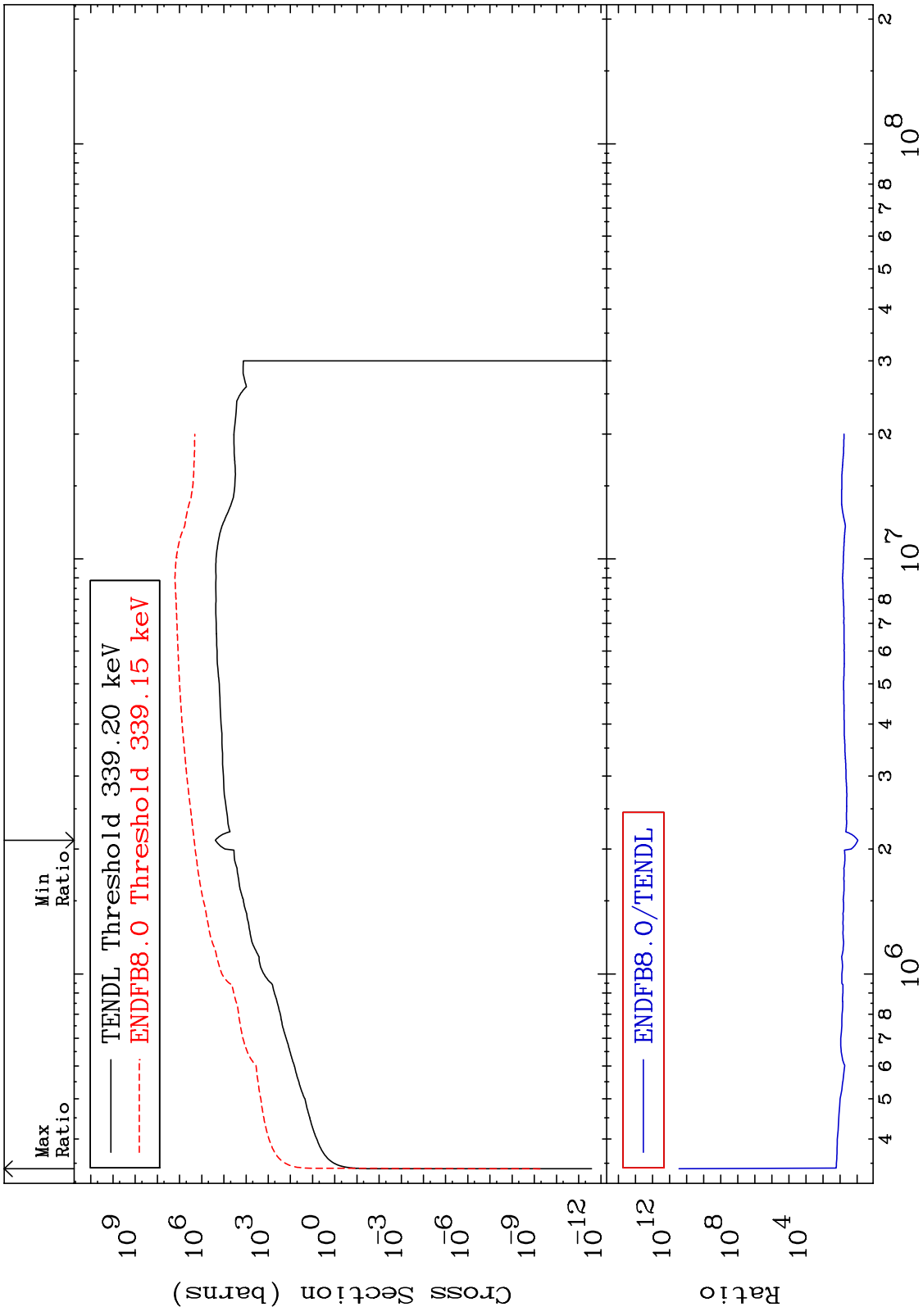
Kerma elastic
Cross Section

49-In-115
-45.56 To 42.14 %



MAT 4931 Kerma non-elastic (all but mt2) 49-In-115
 Cross Section 904.5 To 9999. %

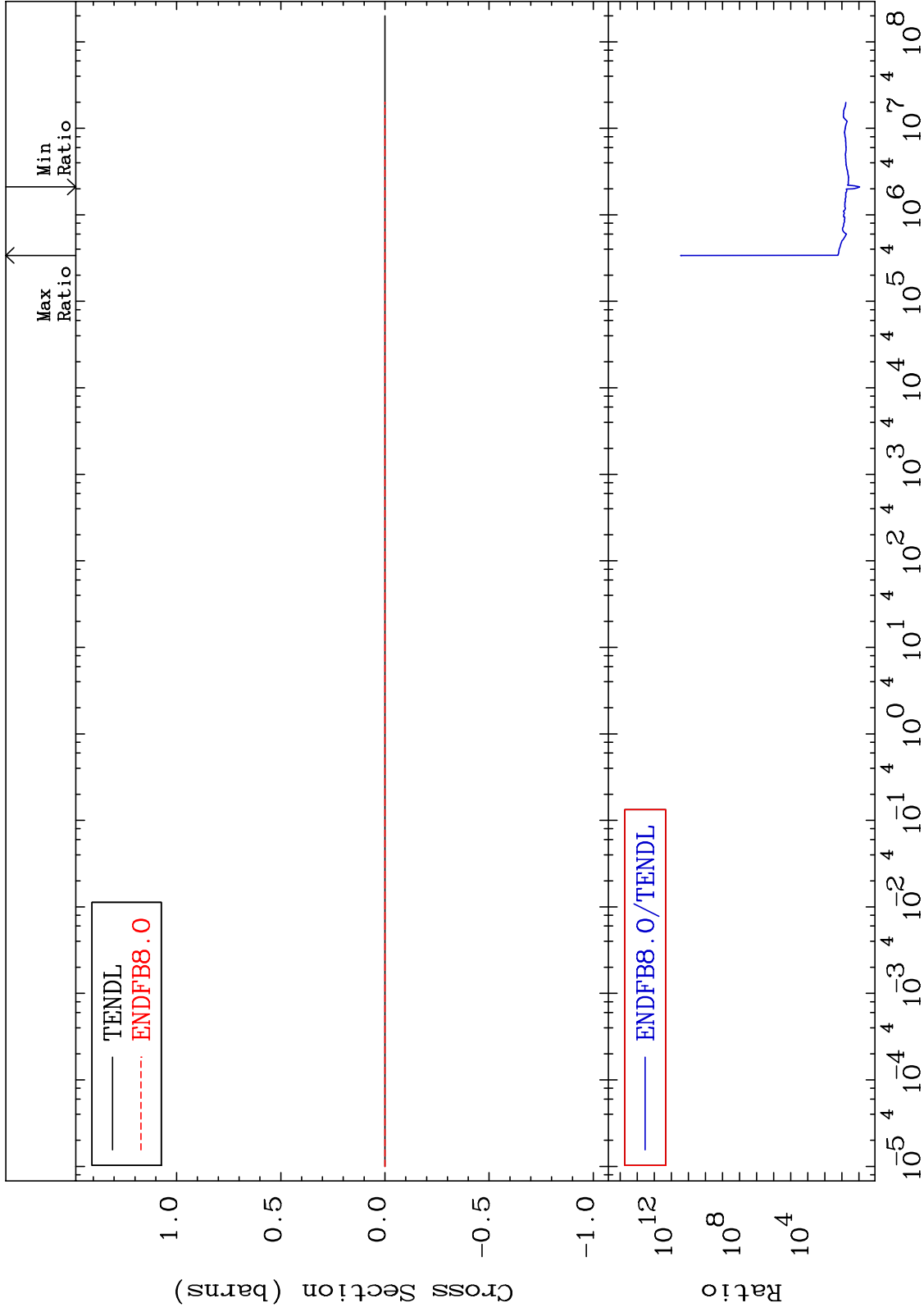




MAT 4931

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

49-In-115
799.4 To 9999. %



37

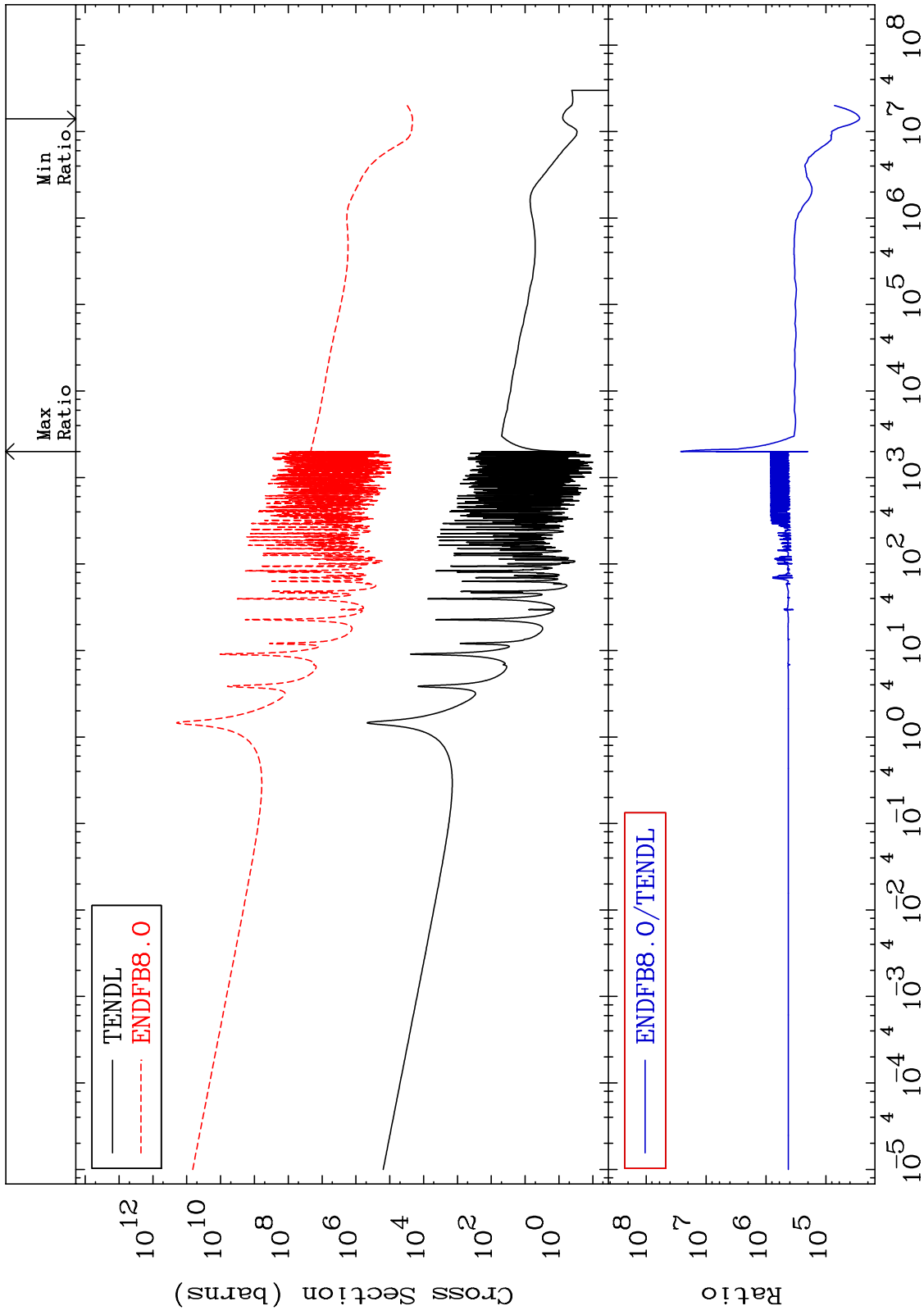
Incident Energy (eV)

49-In-115

MAT 4931

Kerma capture (mt102)
Cross Section

49-In-115
9999. To 9999. %



38

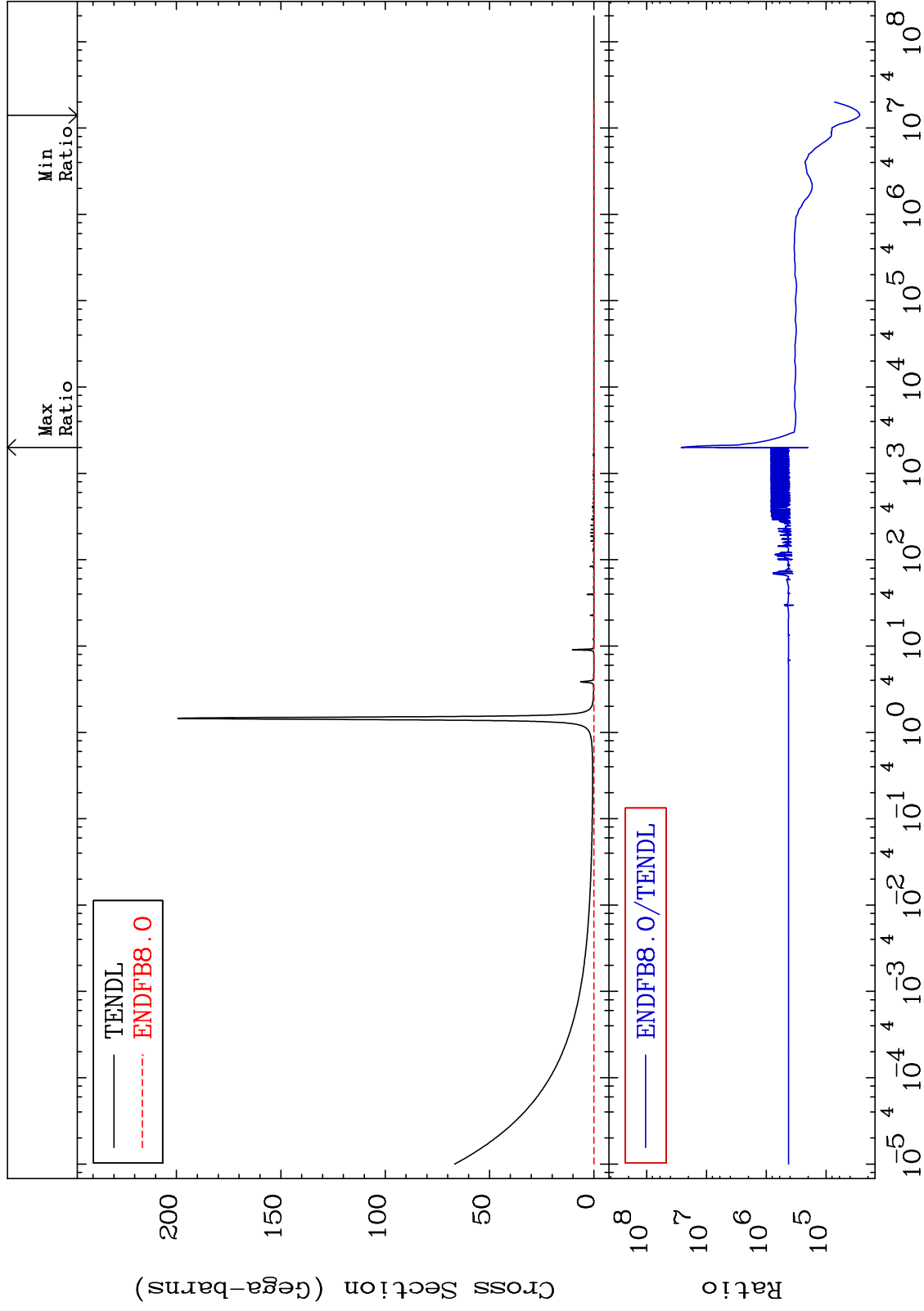
Incident Energy (eV)

49-In-115

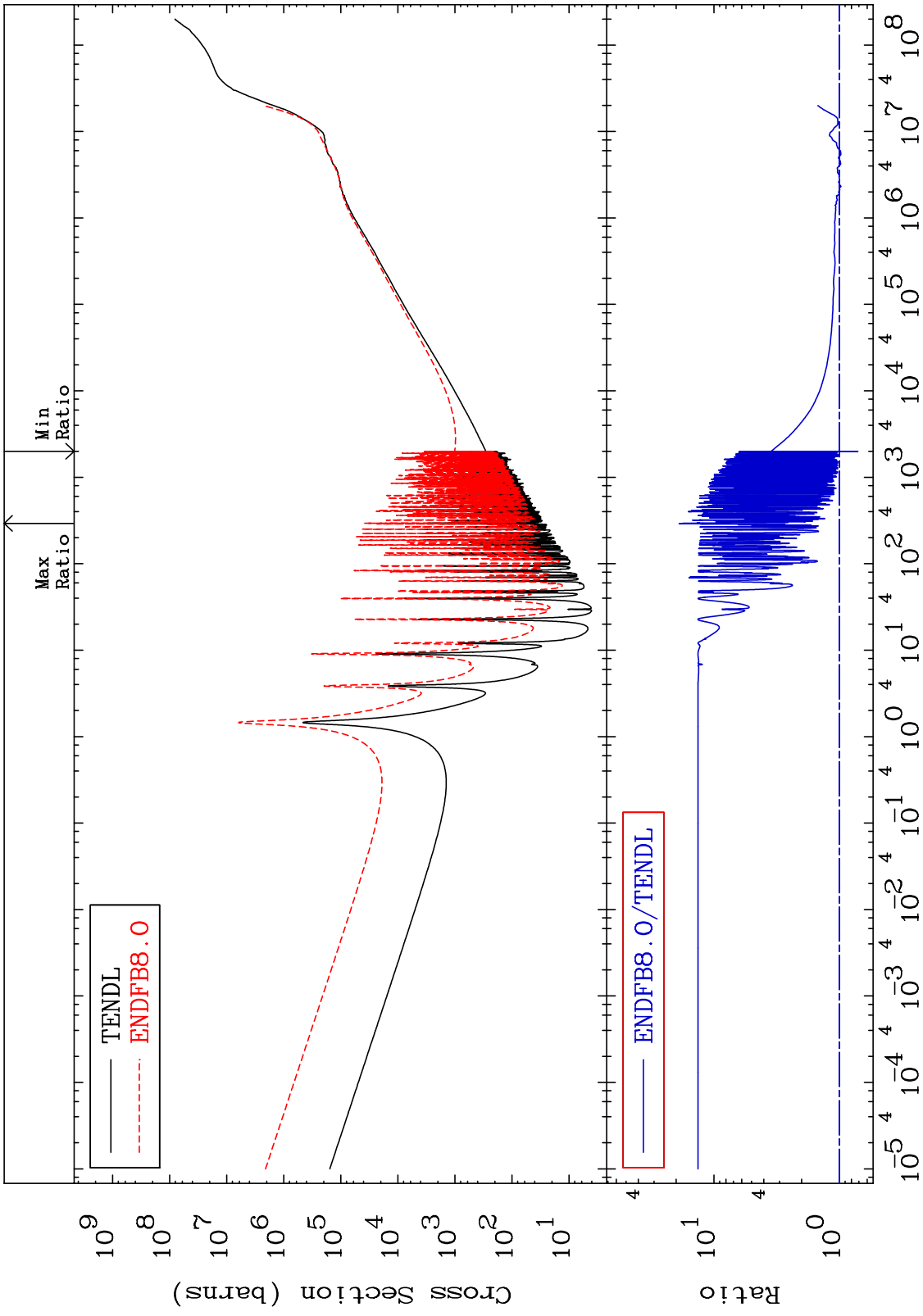
MAT 4931

Total photon (eV-barns)
Cross Section

49-In-115
9999. To 9999. %

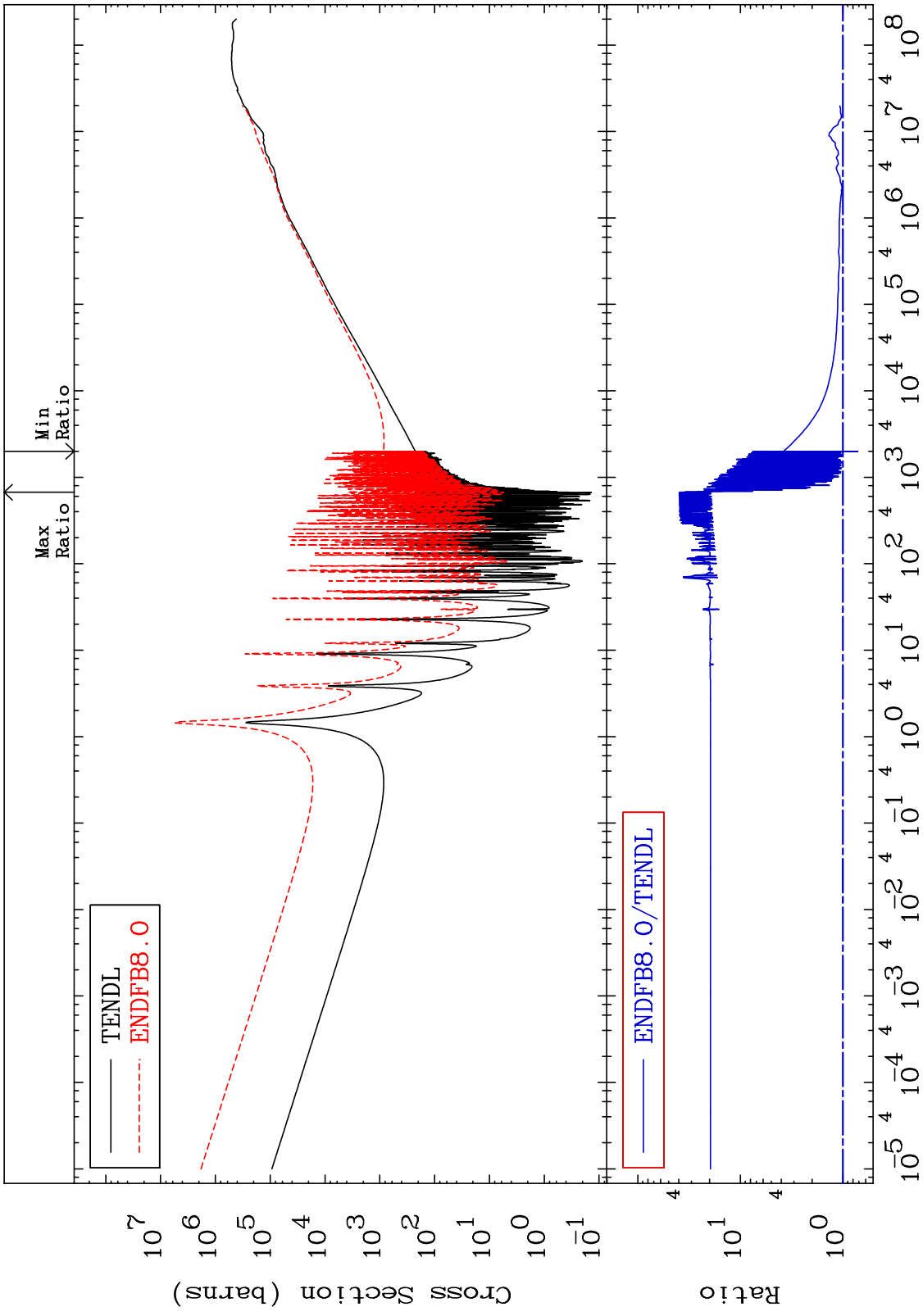


MAT 4931 Total kinematic kerma (high limit) 49-In-115
 Cross Section -28.76 To 1795. %



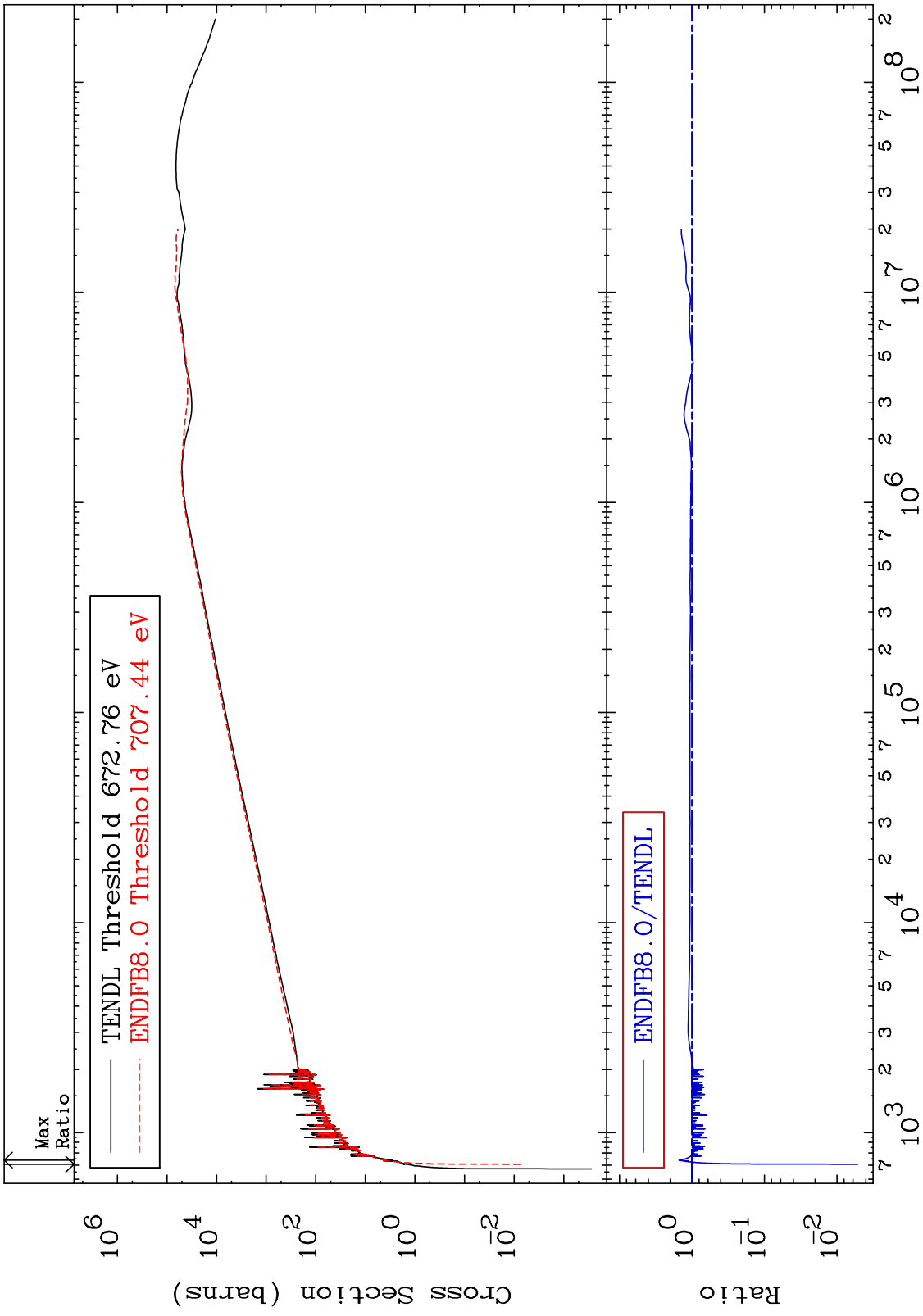
40 Incident Energy (eV) 49-In-115

MAT 4931 Dpa total (eV-barns) 49-In-115
 Cross Section -28.41 To 3870. %

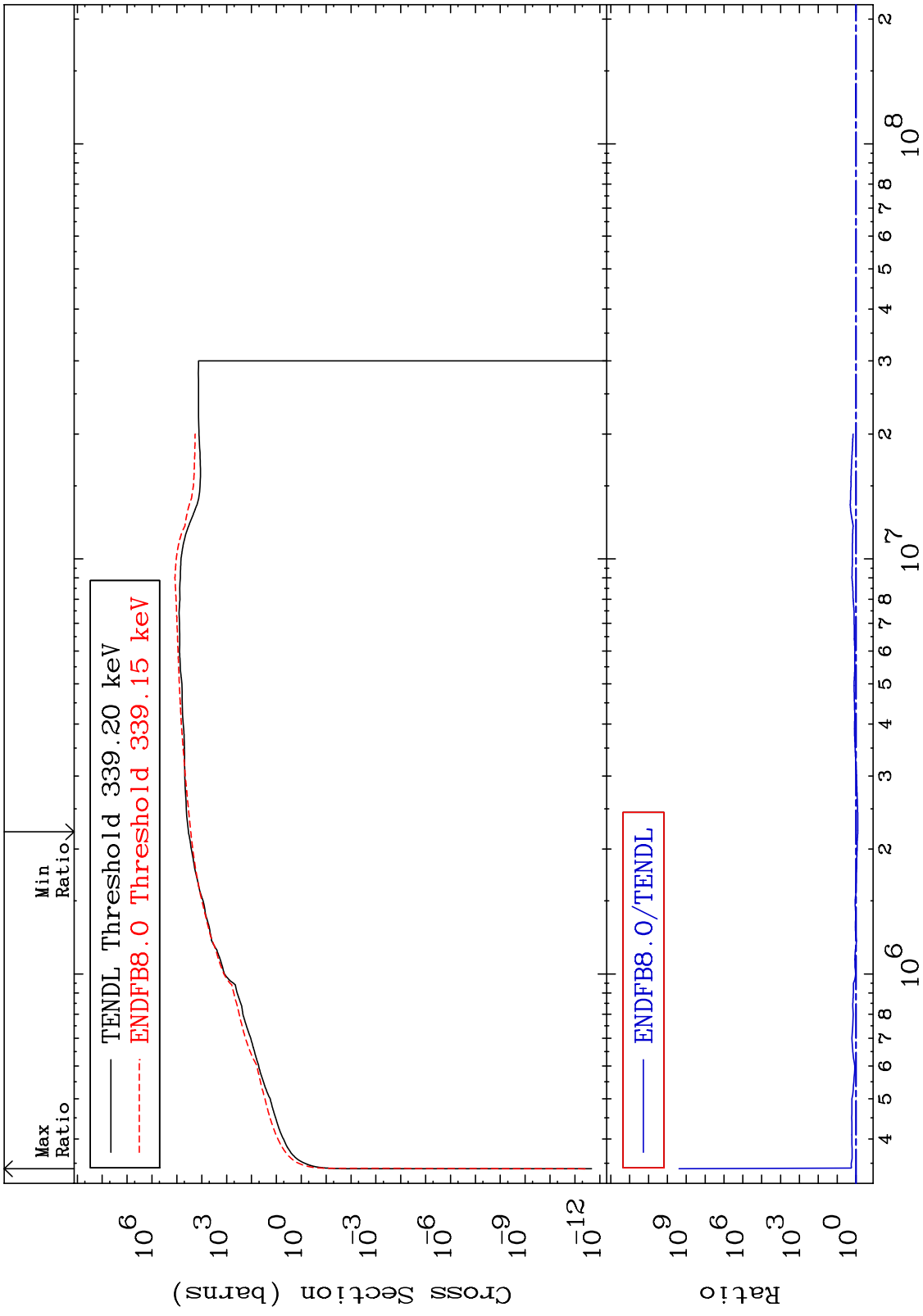


41 Incident Energy (eV) 49-In-115

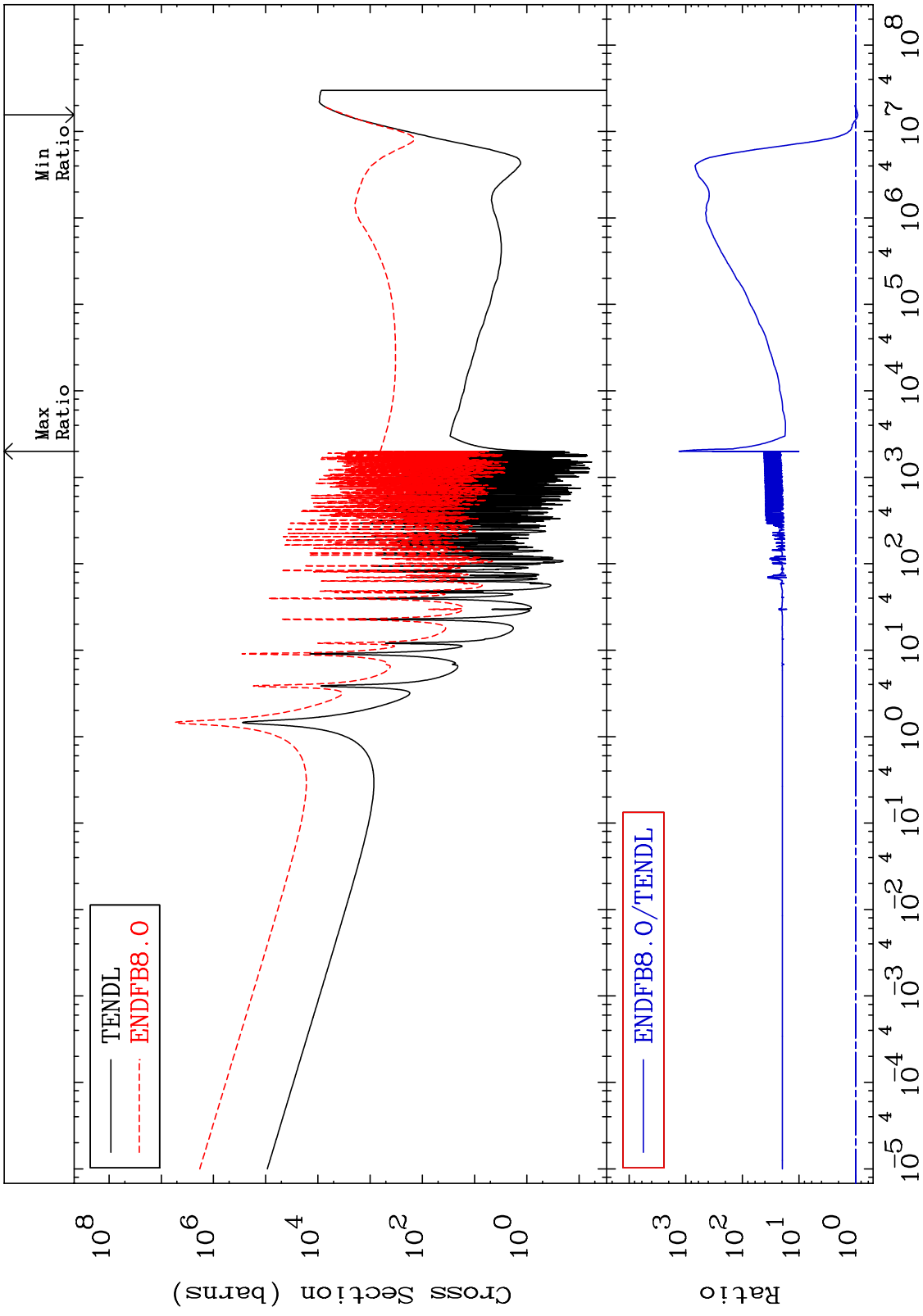
MAT 4931 Dpa elastic (mt2) 49-In-115
 Cross Section -99.49 To 50.86 %



MAT 4931 Dpa inelastic (mt51-91) 49-In-115
 -19.95 To 9999. %
 Cross Section



MAT 4931 Dpa disappearance (mt102 -120) 49-In-115
 Cross Section -8.454 To 9999. %



44 Incident Energy (eV) 49-In-115