

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

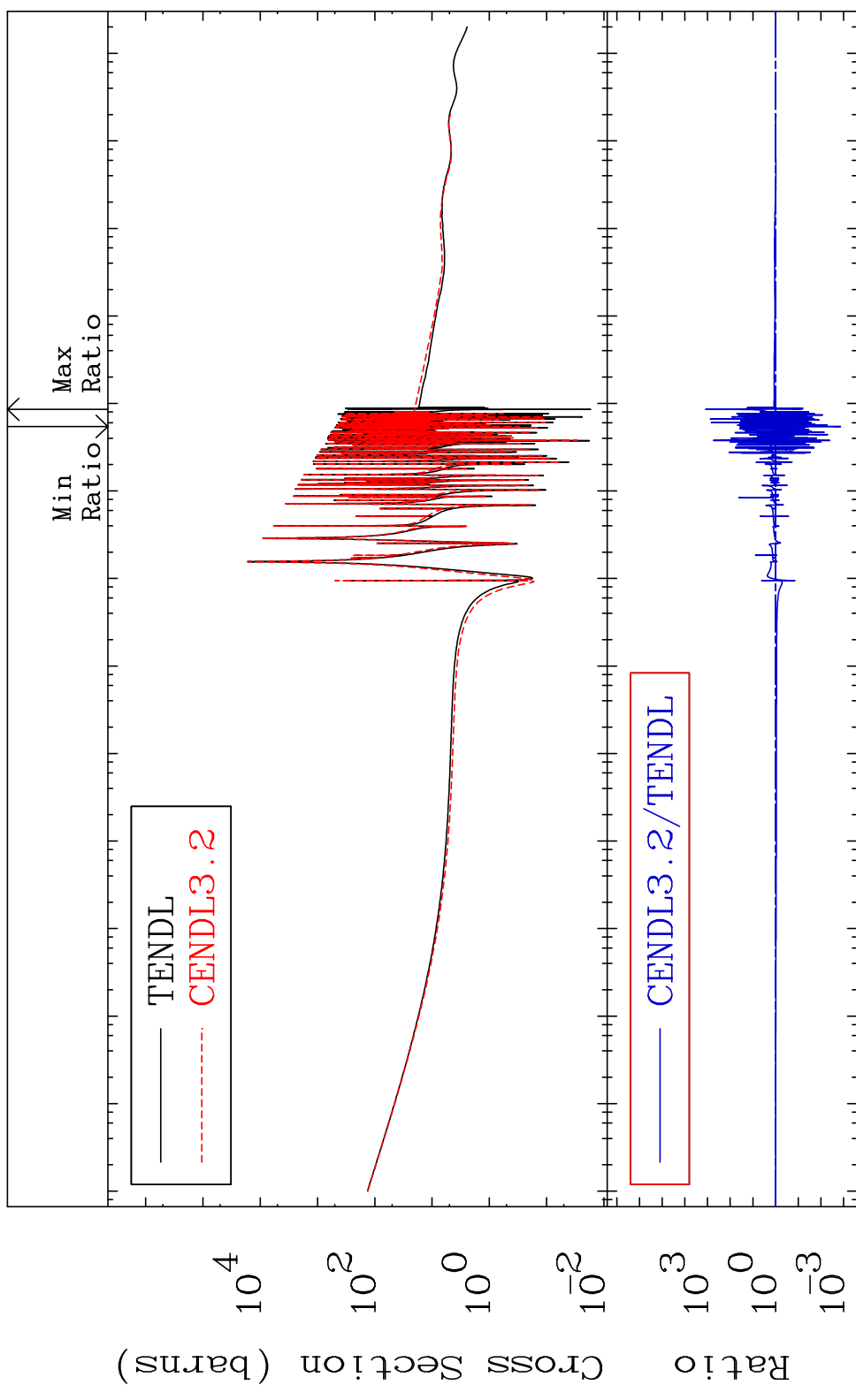
MAT 6043

Total

60-Nd-148

Cross Section

-99.86 To 9999. %



1

Incident Energy (eV)

60-Nd-148

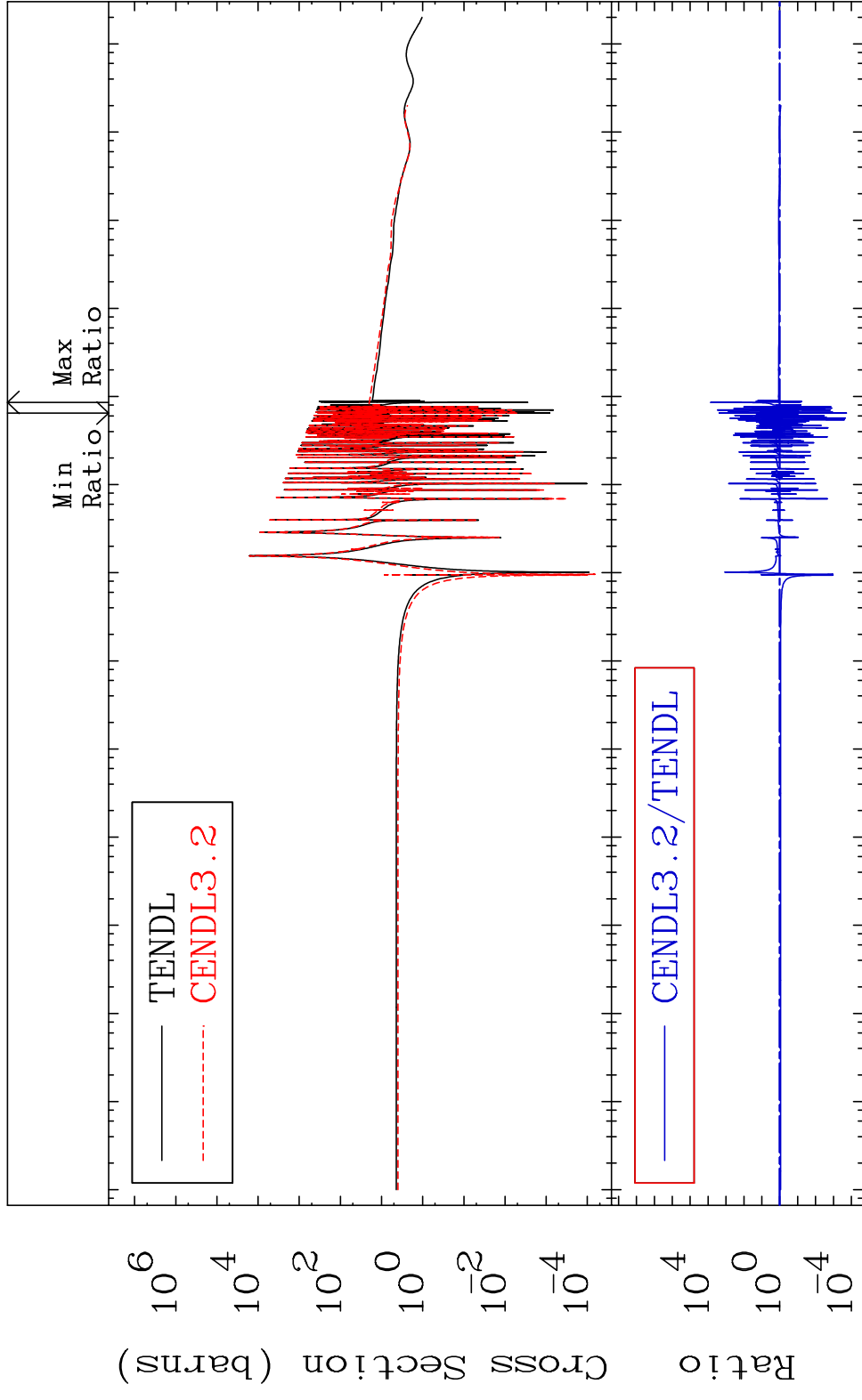
MAT 6043

Elastic

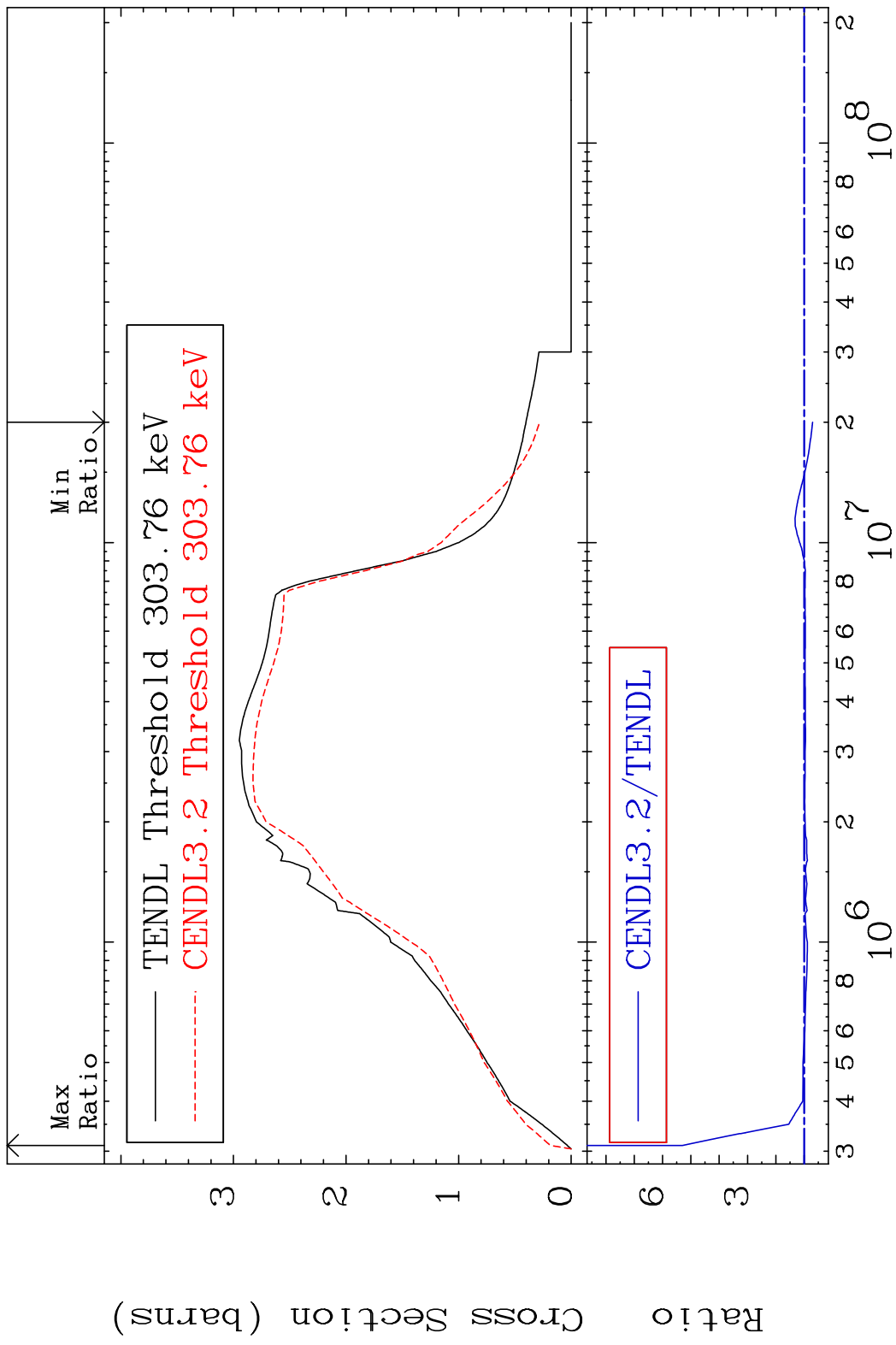
60-Nd-148

Cross Section

-99.98 To 9999. %

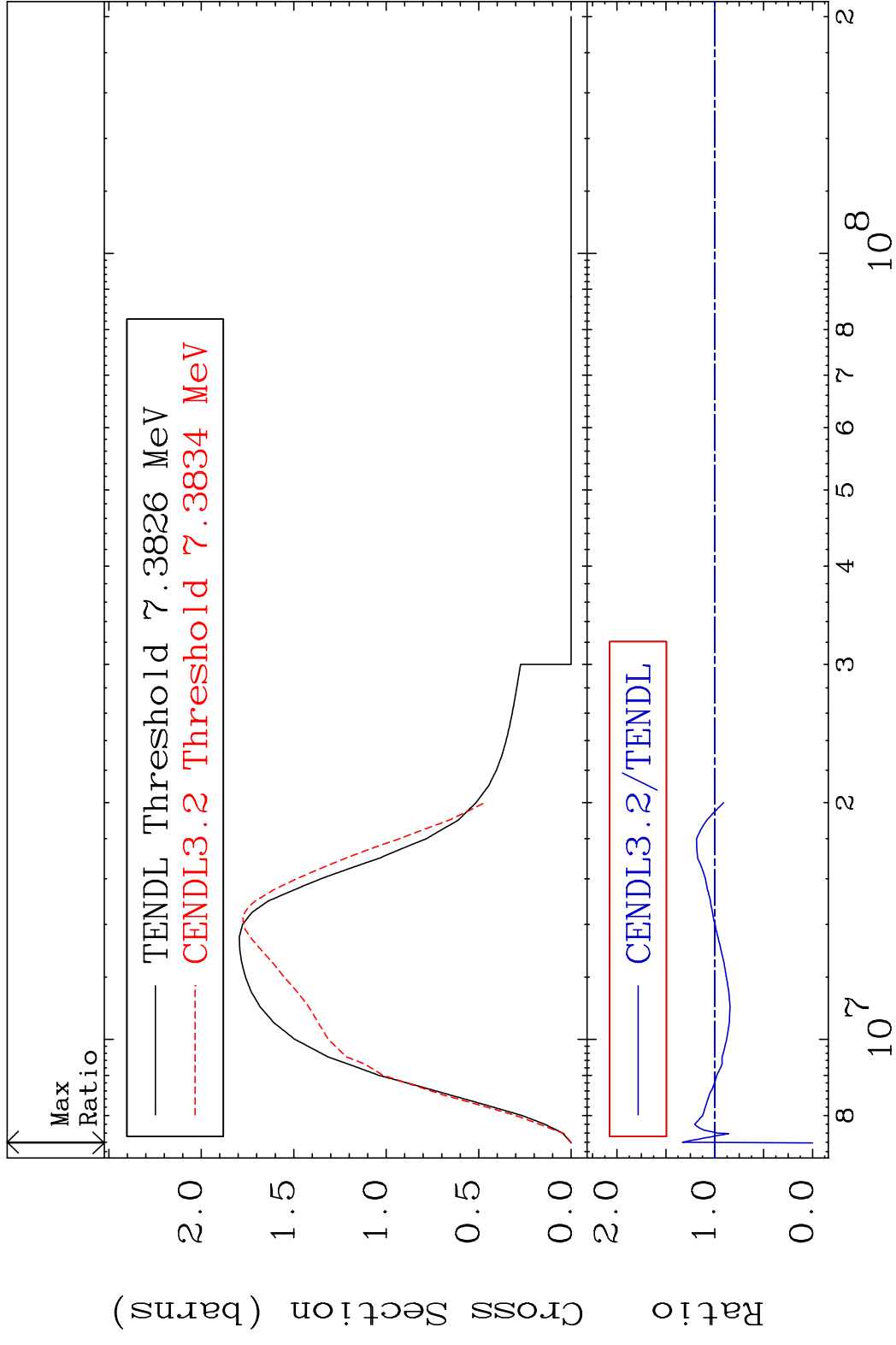


MAT 6043 Inelastic 60-Nd-148
 Cross Section -29.87 To 430.2 %



3 60-Nd-148

MAT 6043 (n,2n) 60-Nd-148
 Cross Section -100.0 To 33.15 %



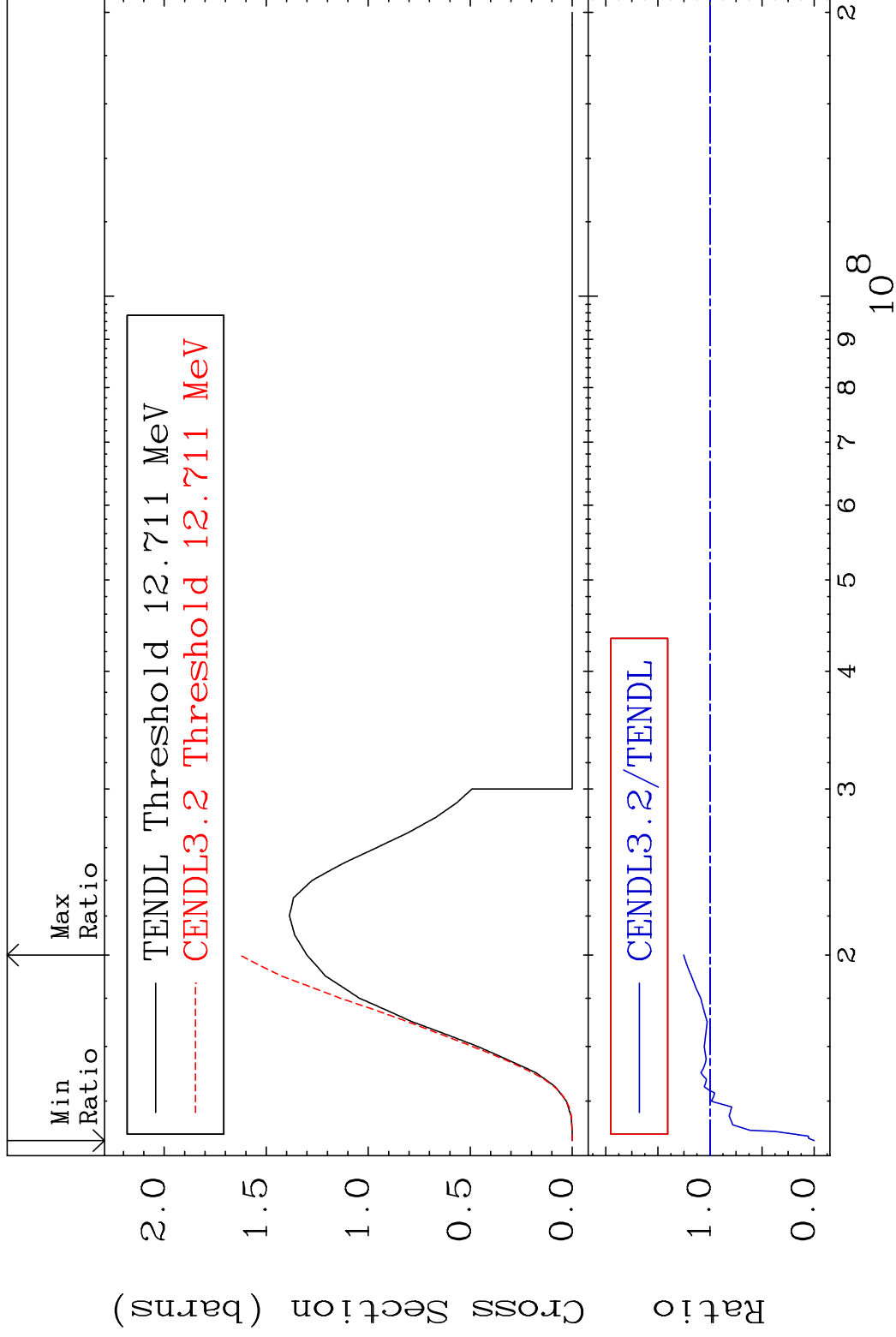
4 Incident Energy (eV) 60-Nd-148

MAT 6043

(n,3n)

60-Nd-148

Cross Section -100.0 To 25.28 %



5

Incident Energy (eV)

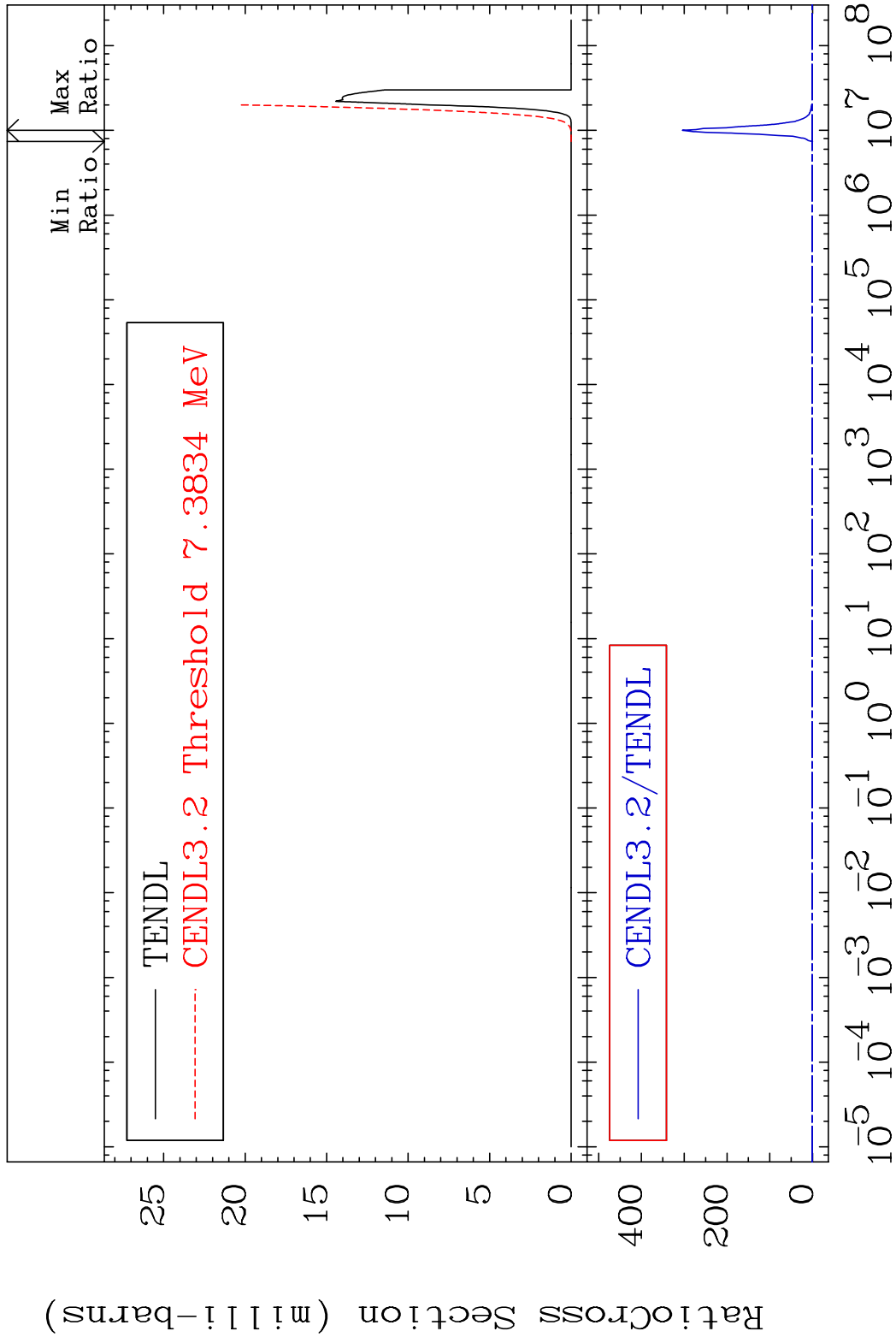
60-Nd-148

MAT 6043

(n, n') α

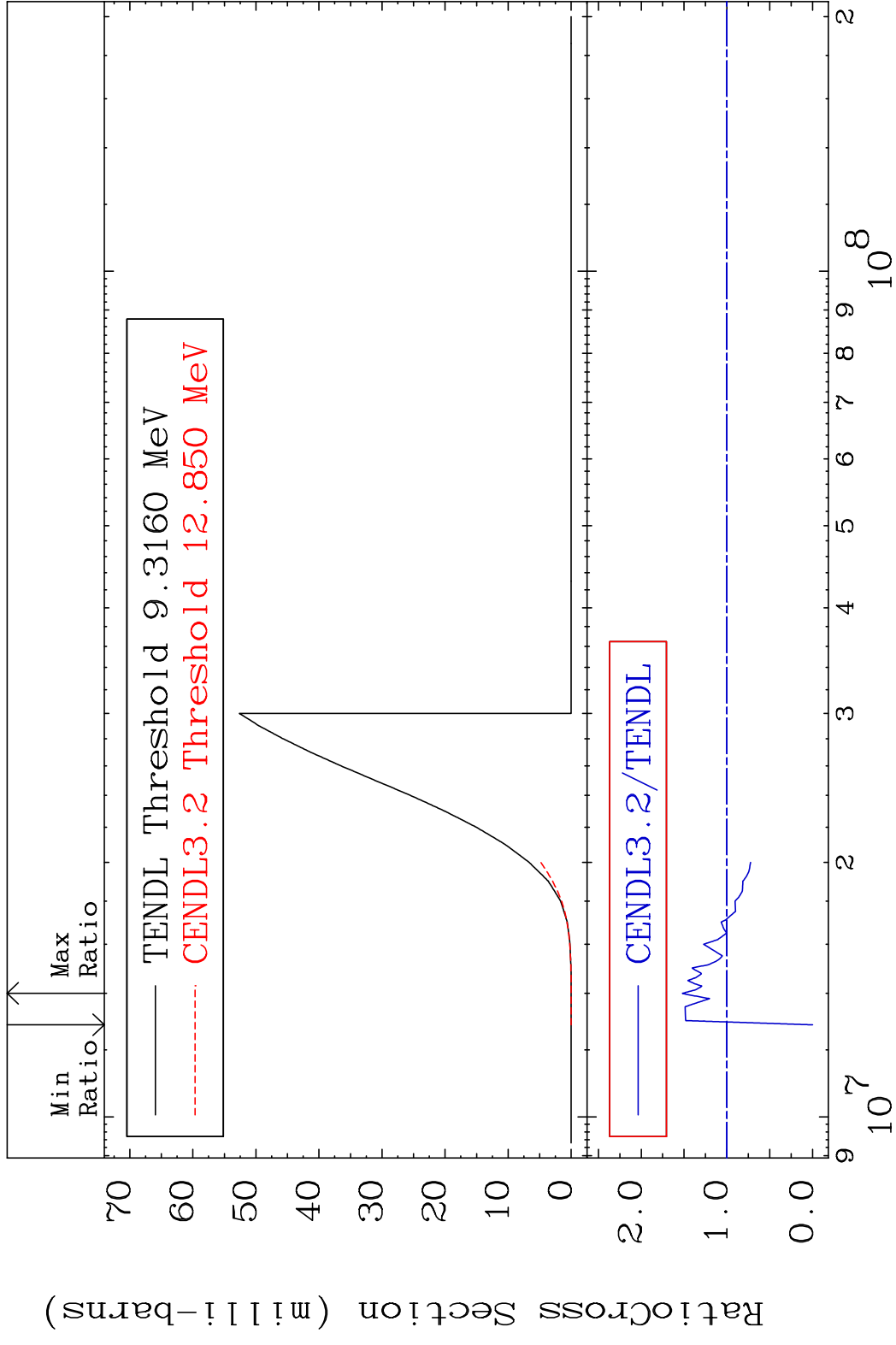
60-Nd-148

Cross Section -100.0 To 9999. %



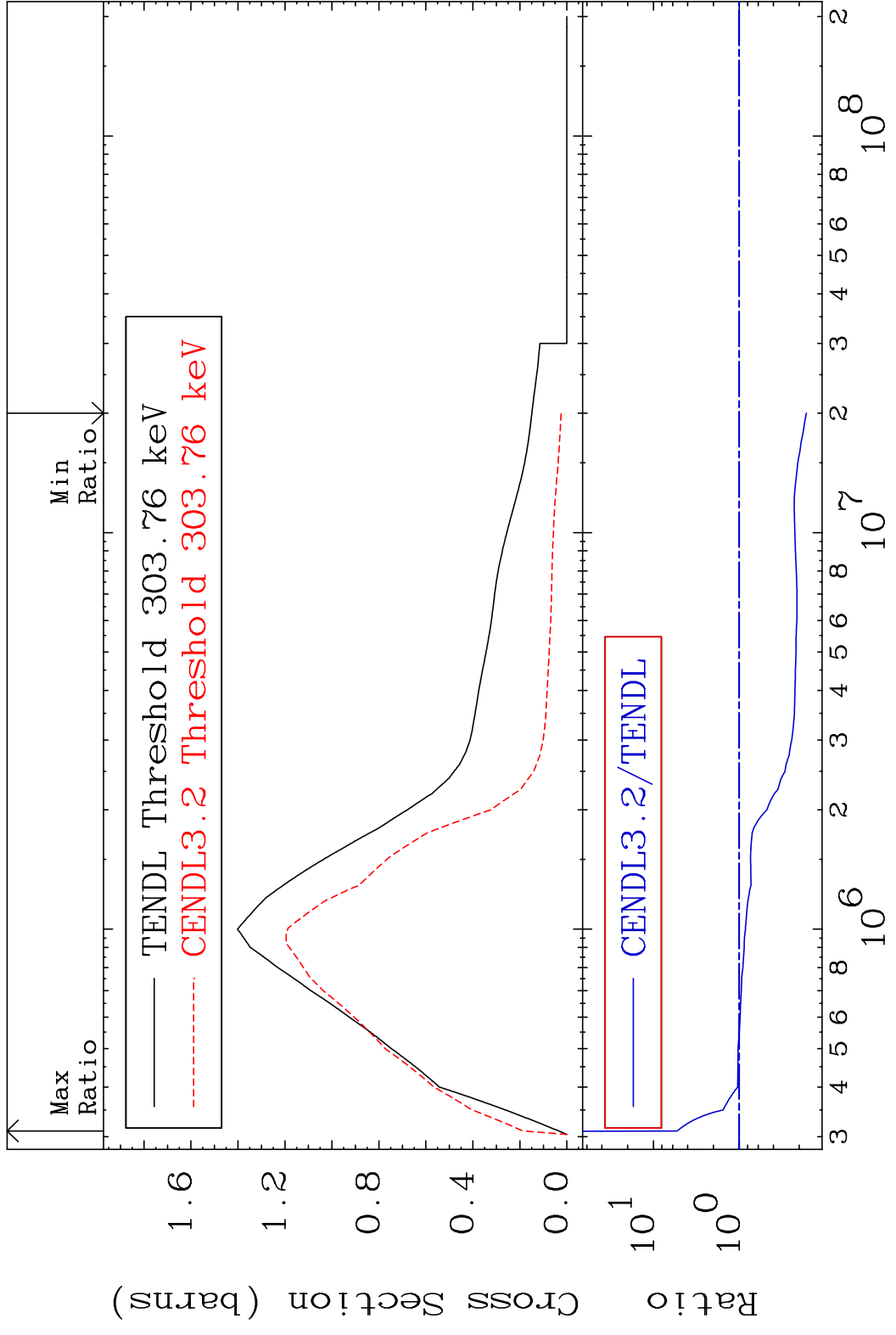
MAT 6043

(n, n') p 60-Nd-148
Cross Section -100.0 To 52.01 %

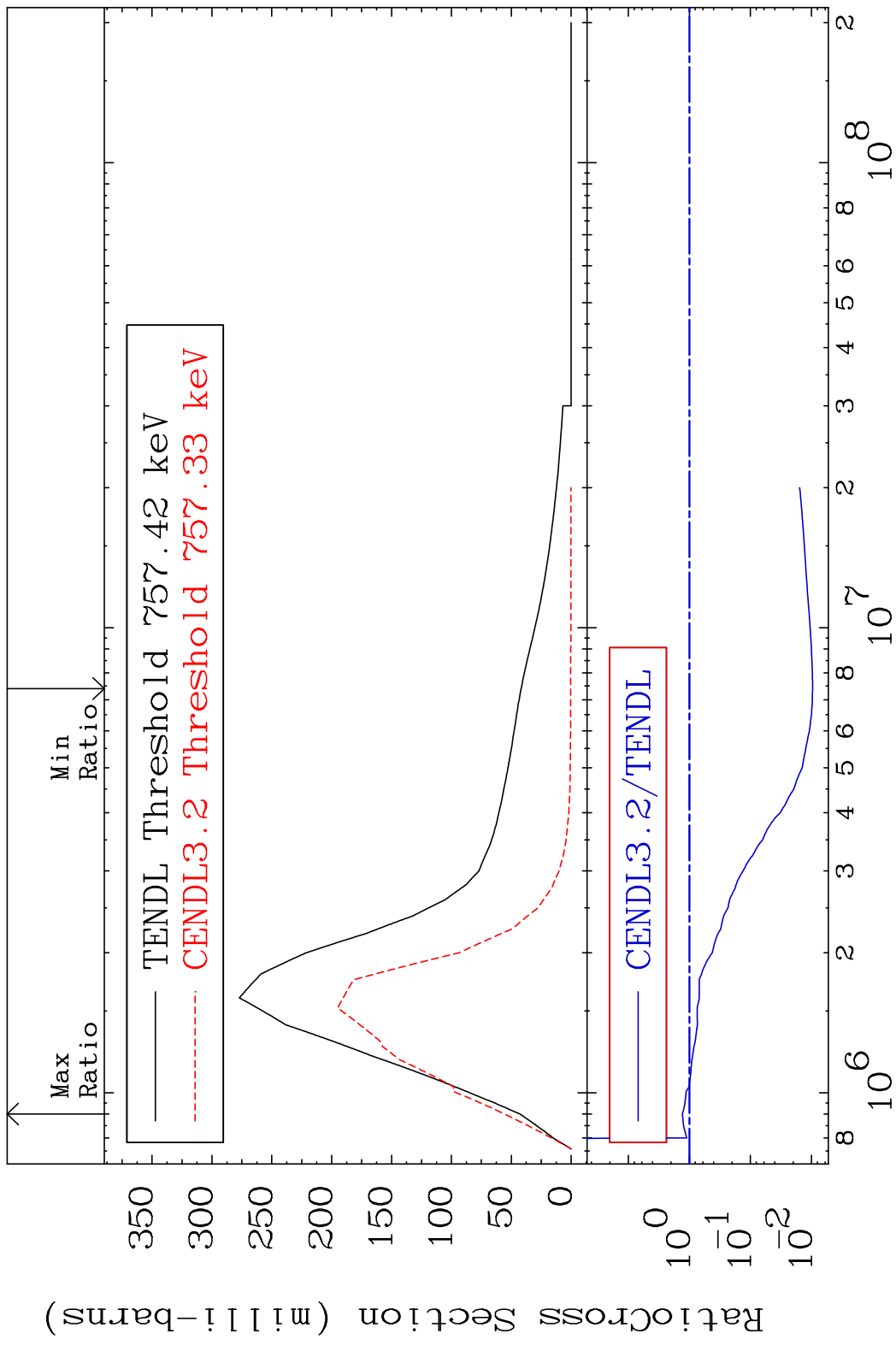


7 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 51 (n, n') Level 60-Nd-148
 Cross Section -83.49 To 430.2 %

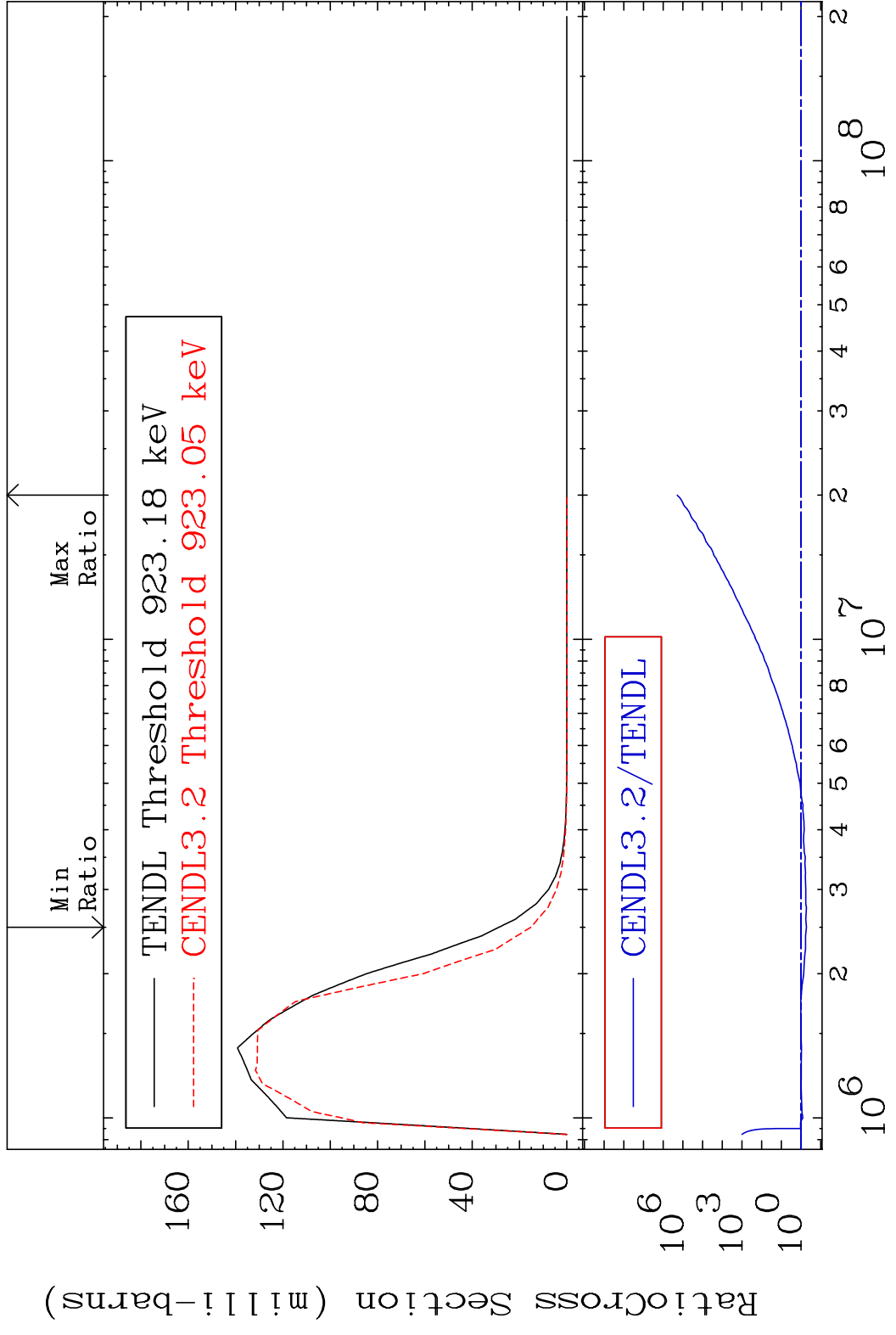


MAT 6043 MT= 52 (n, n') Level 60-Nd-148
 Cross Section -99.04 To 30.19 %



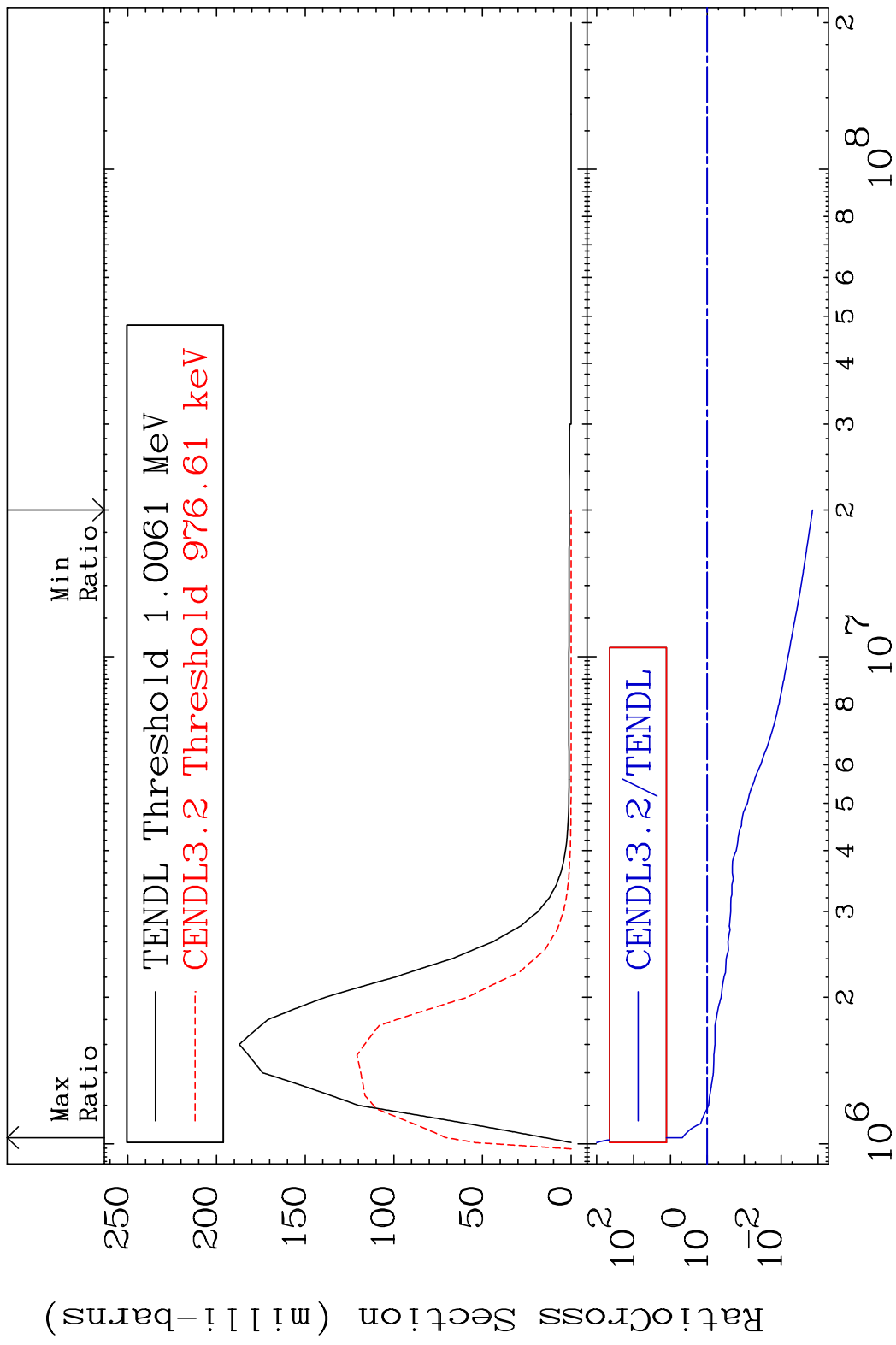
9 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 53 (n, n') Level 60-Nd-148
 Cross Section -47.34 To 9999. %



10 10 6 7 8 10 8 10 8 2 60-Nd-148

MAT 6043 MT= 54 (n, n') Level 60-Nd-148
 Cross Section -99.86 To 375.3 %



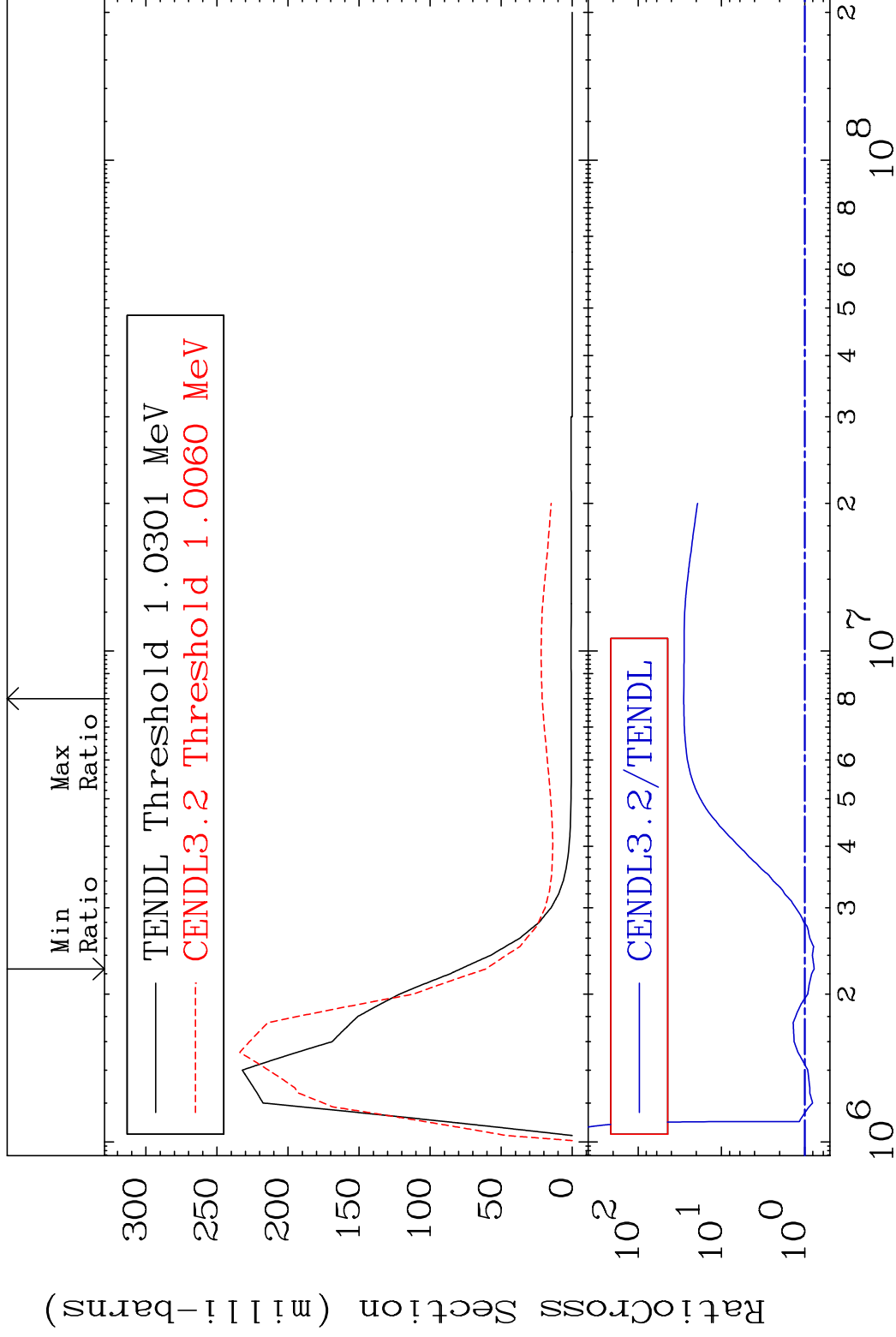
11 Incident Energy (eV) 60-Nd-148

MAT 6043

MT= 55 (n,n') Level

60-Nd-148

Cross Section -22.80 To 2742. %

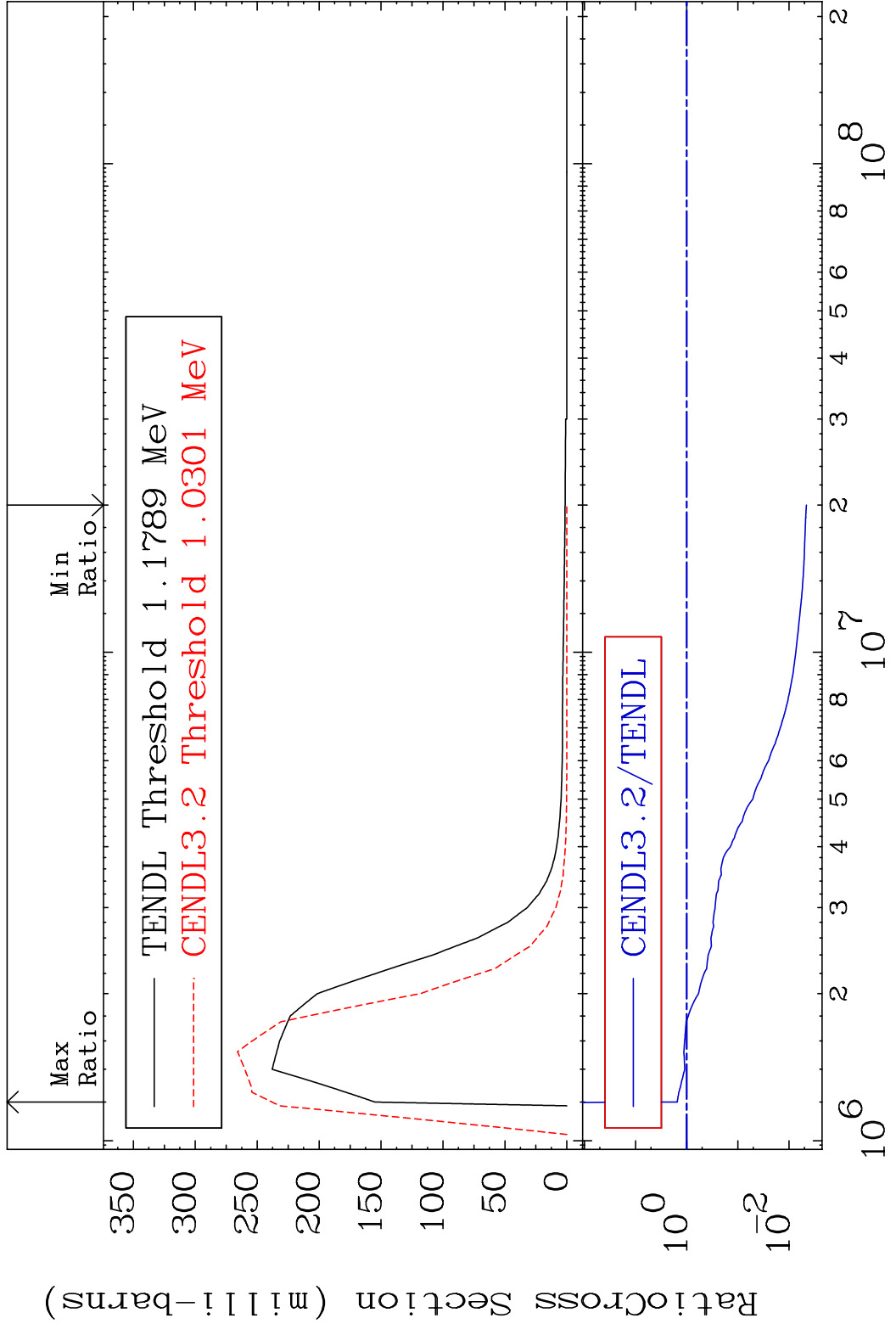


12

Incident Energy (eV)

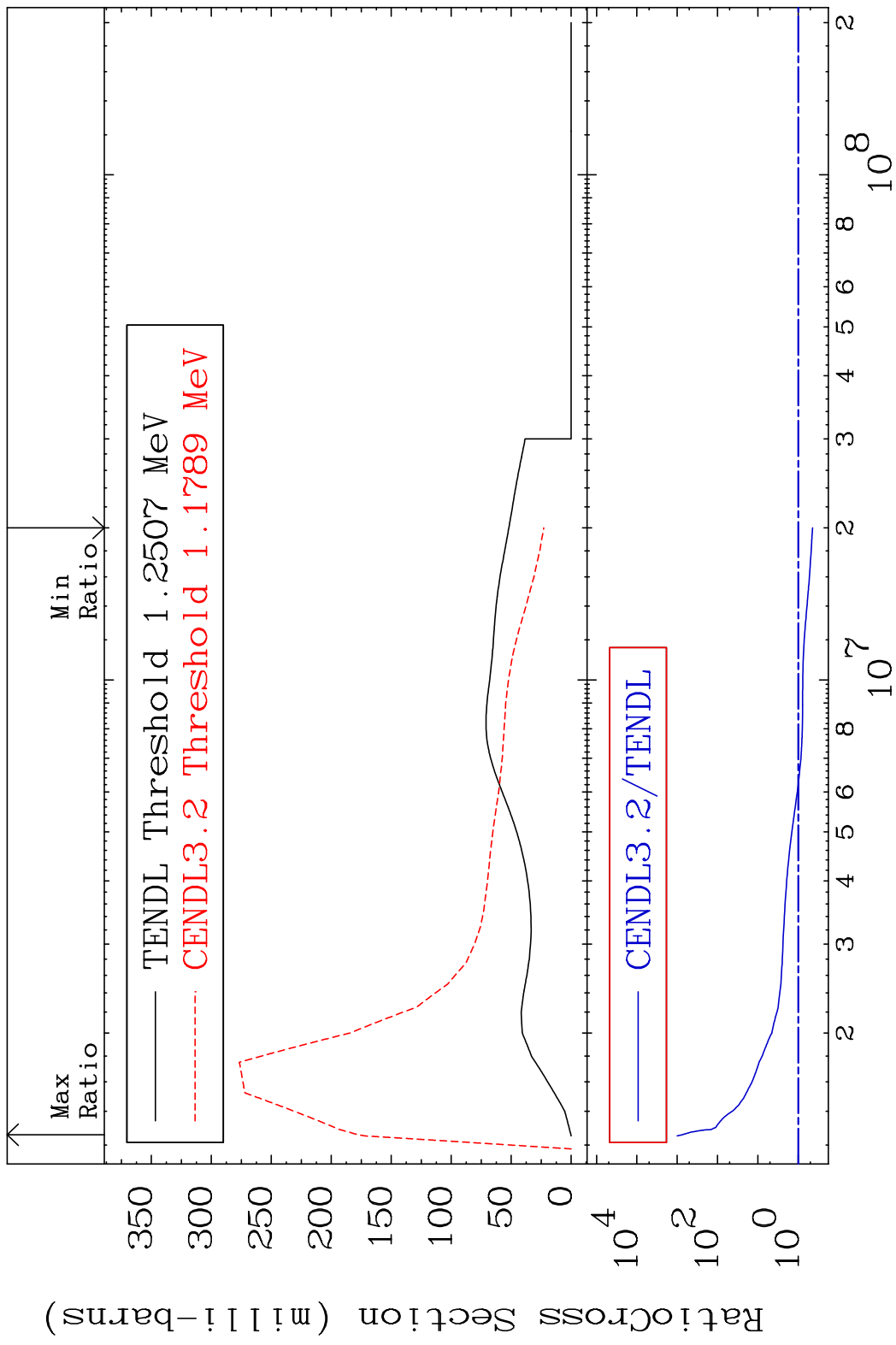
60-Nd-148

MAT 6043 MT= 56 (n, n') Level 60-Nd-148
 Cross Section -99.54 To 53.60 %

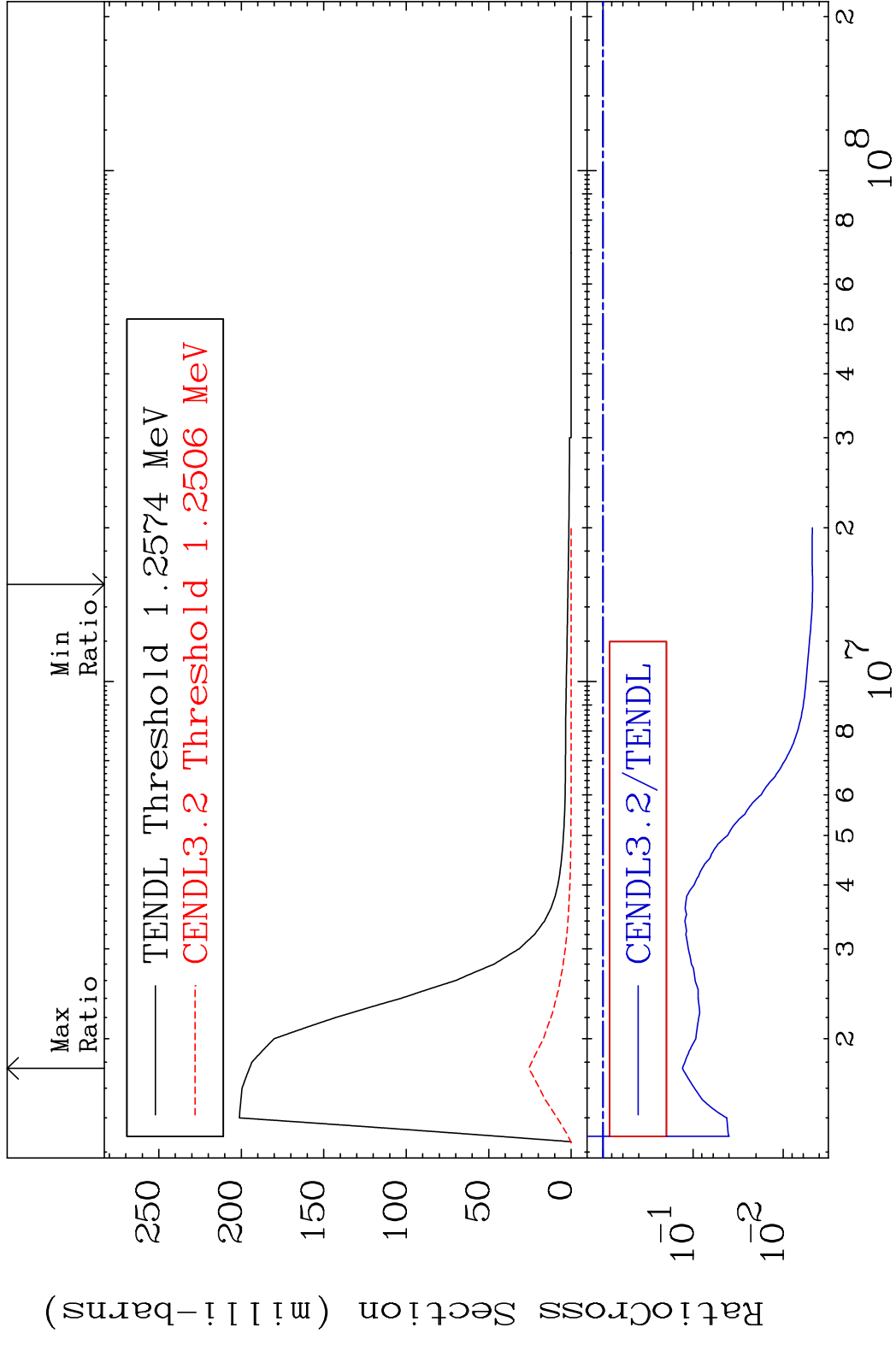


13 Incident Energy (eV) 60-Nd-148

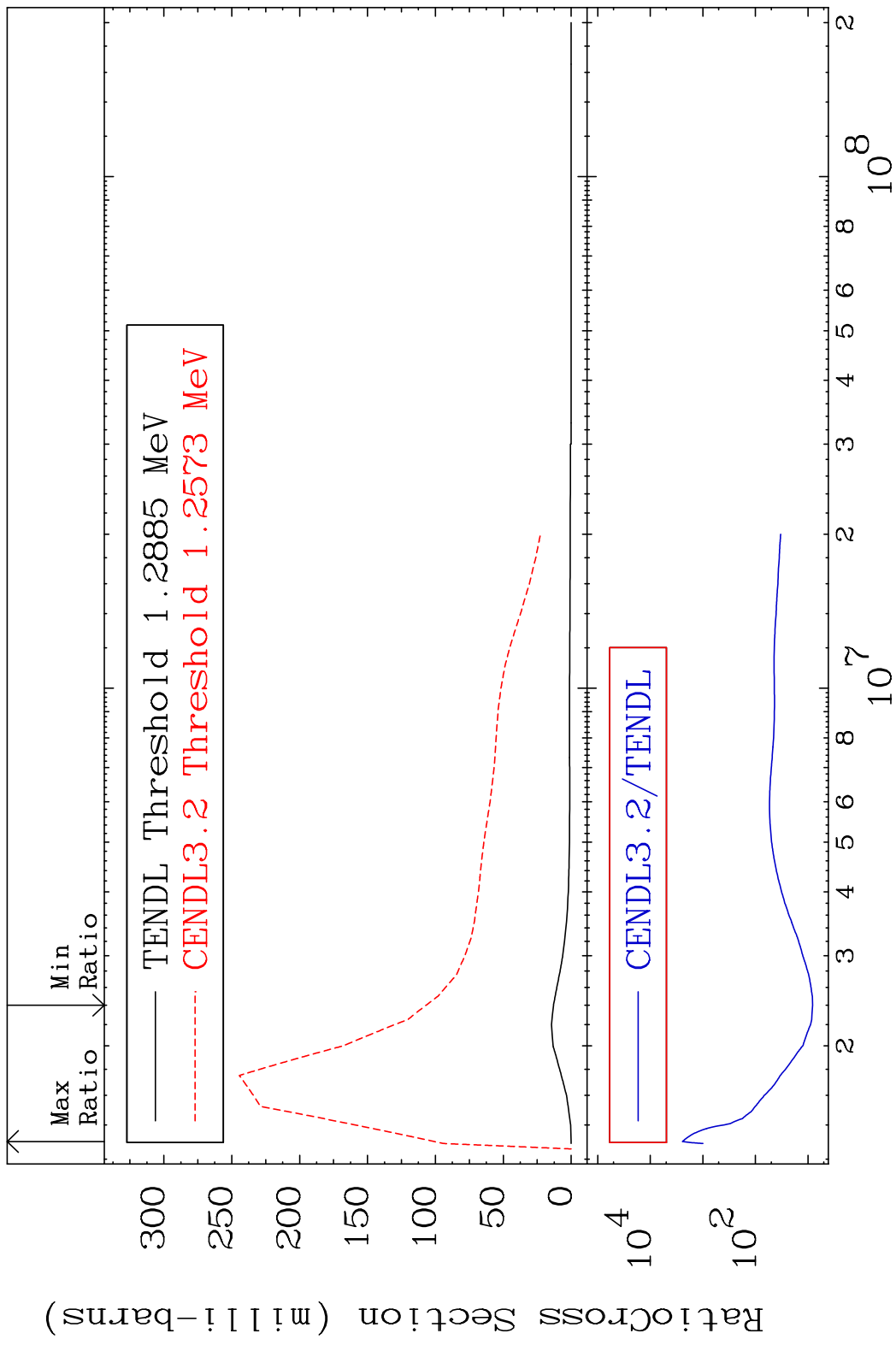
MAT 6043 MT= 57 (n, n') Level 60-Nd-148
 Cross Section -56.10 To 9999. %



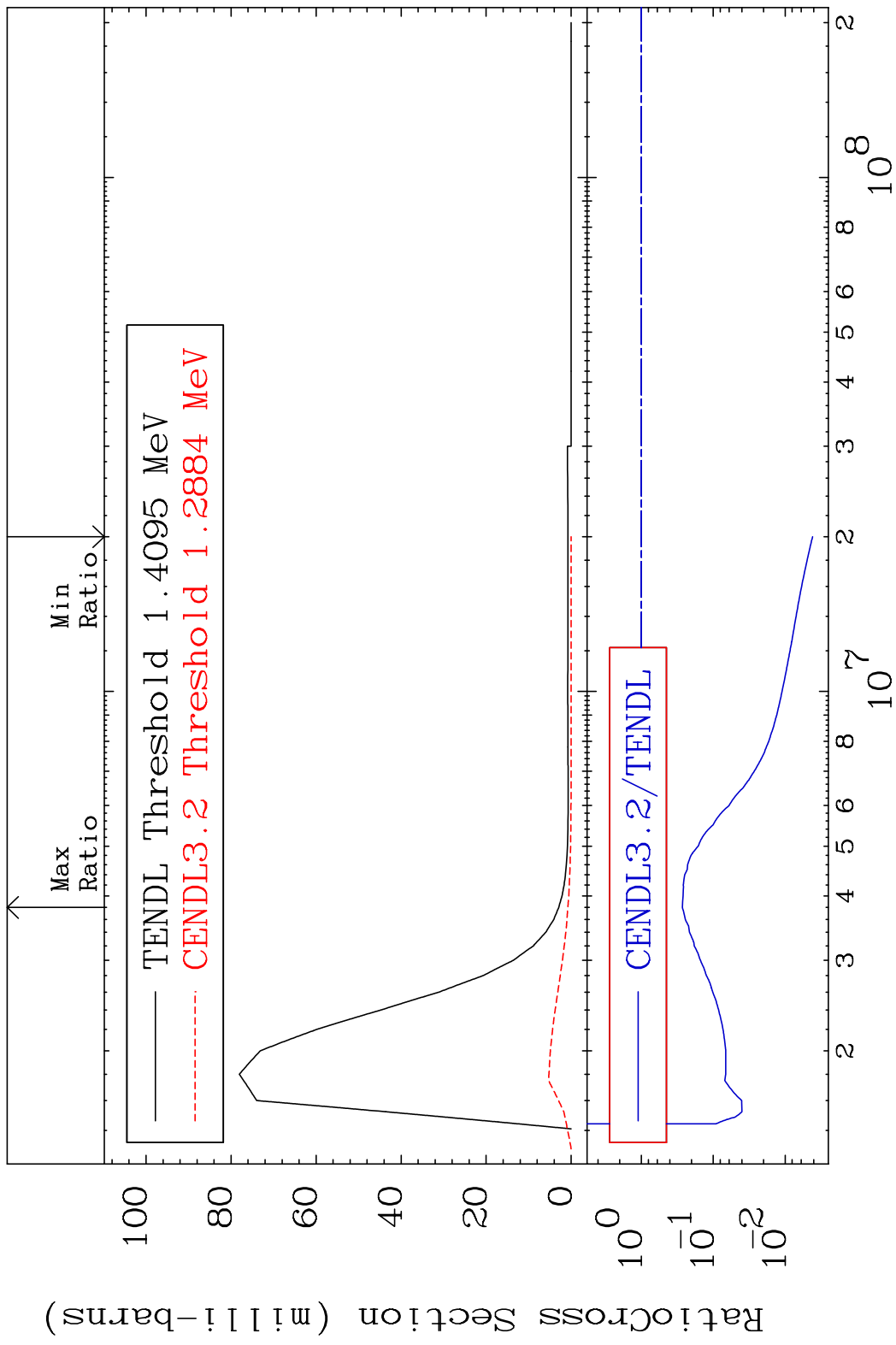
MAT 6043 MT= 58 (n, n') Level 60-Nd-148
 Cross Section -99.53 To -86.84%



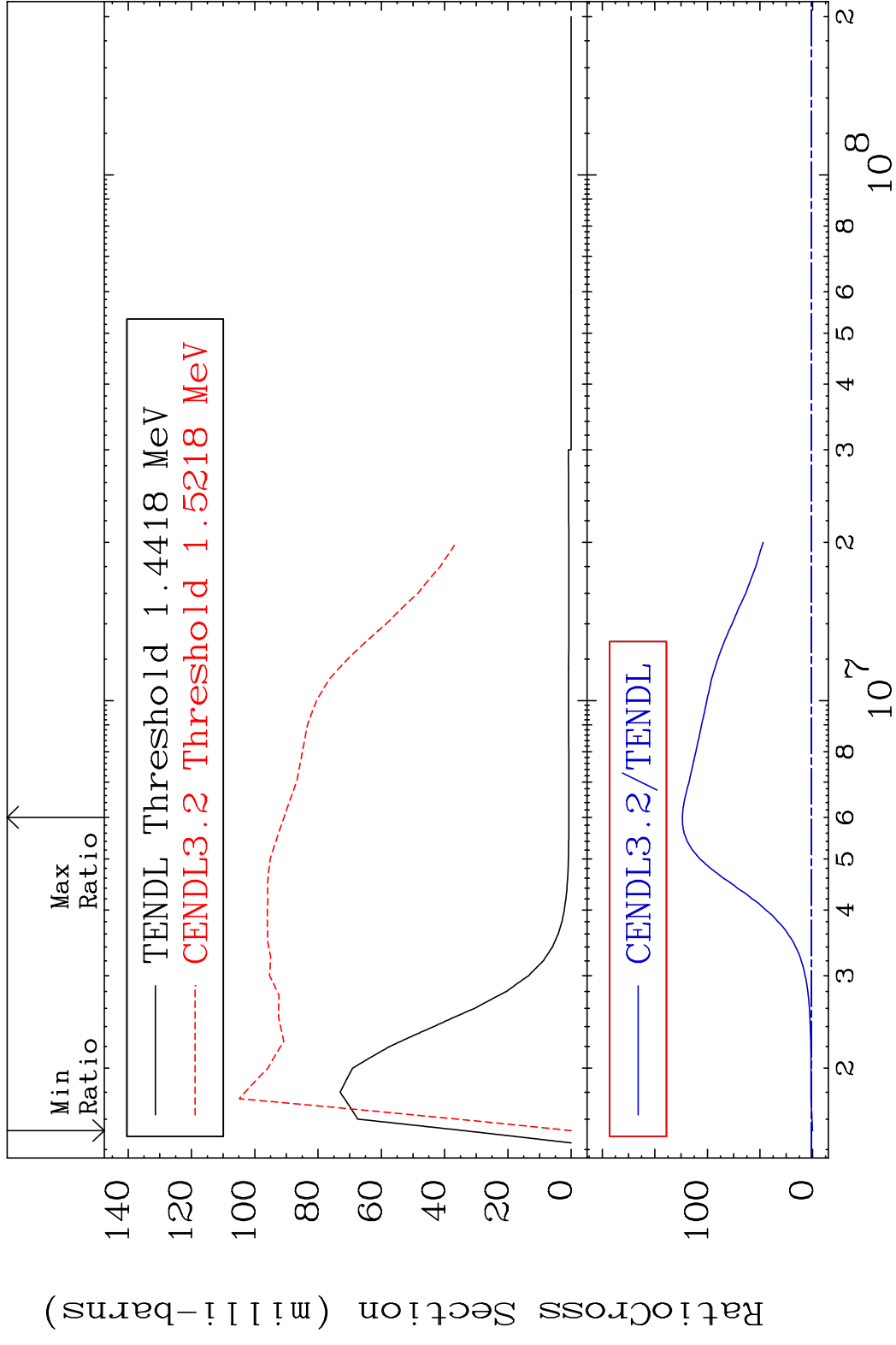
MAT 6043 MT= 59 (n, n') Level 60-Nd-148
 Cross Section 720.4 To 9999. %



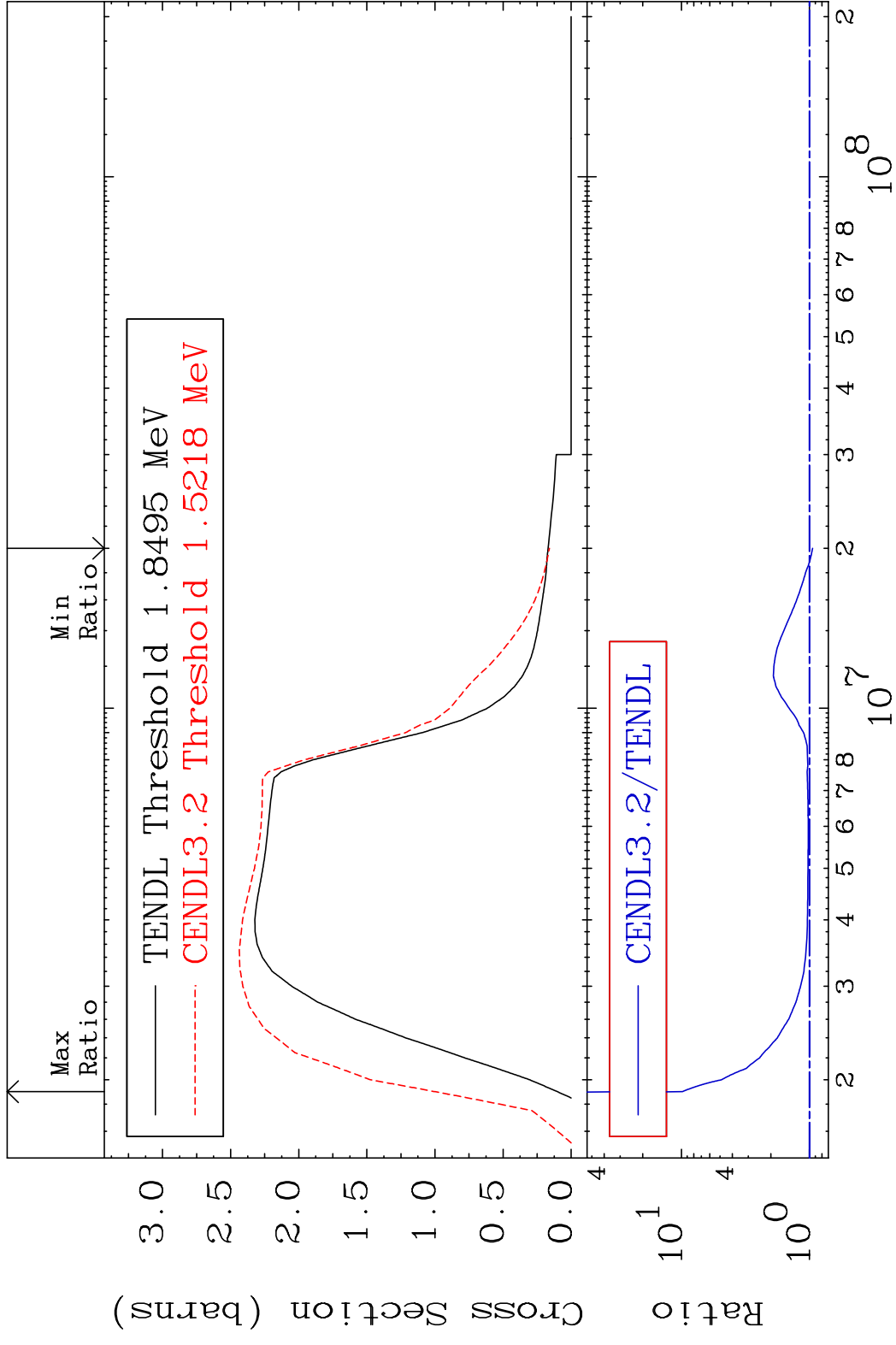
MAT 6043 MT= 60 (n, n') Level 60-Nd-148
 Cross Section -99.58 To -73.11%



MAT 6043 MT= 61 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 9999. %



MAT 6043 (n,n') Continuum 60-Nd-148
 Cross Section -5.310 To 882.5 %

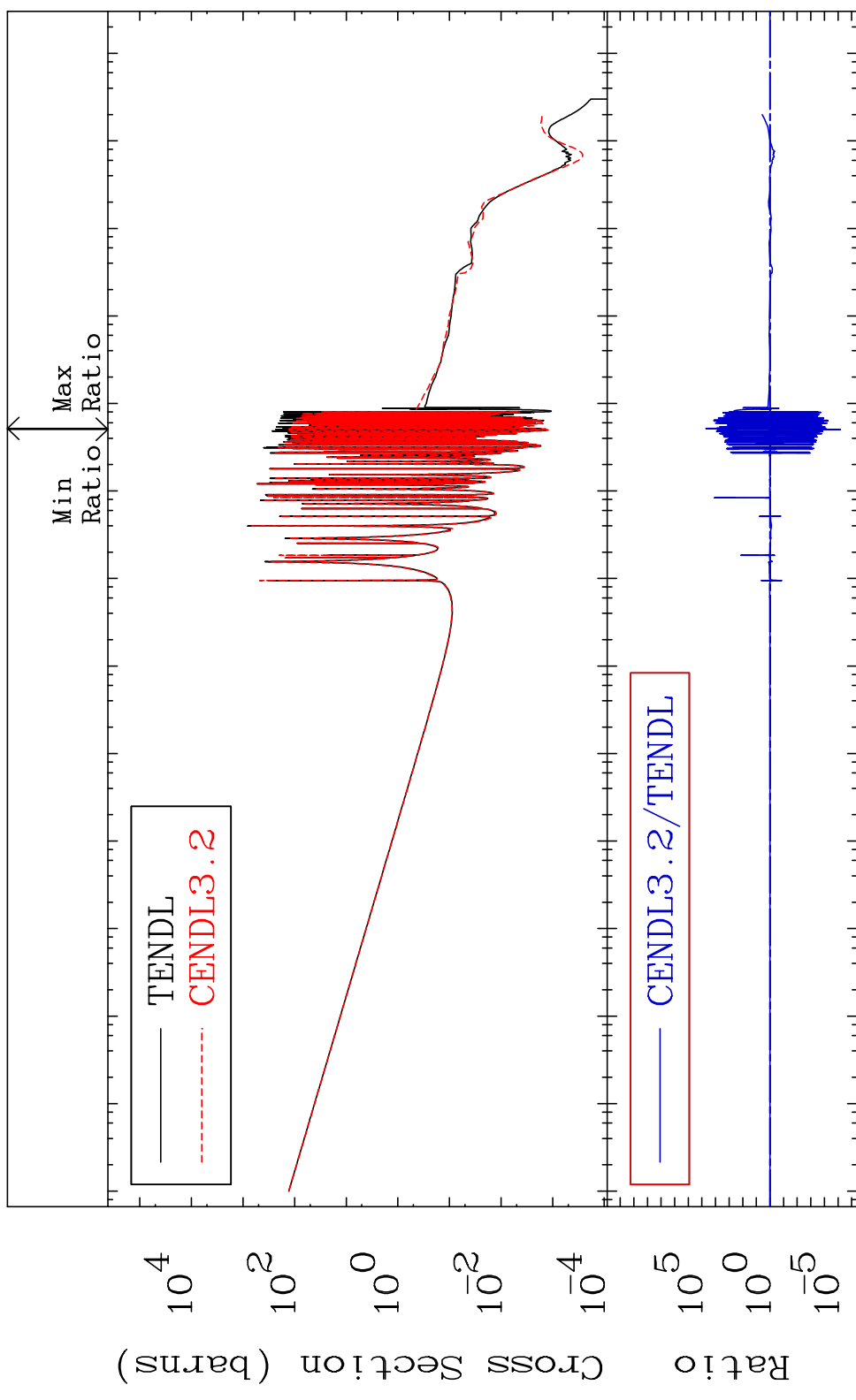


MAT 6043

(n, γ)

60-Nd-148

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

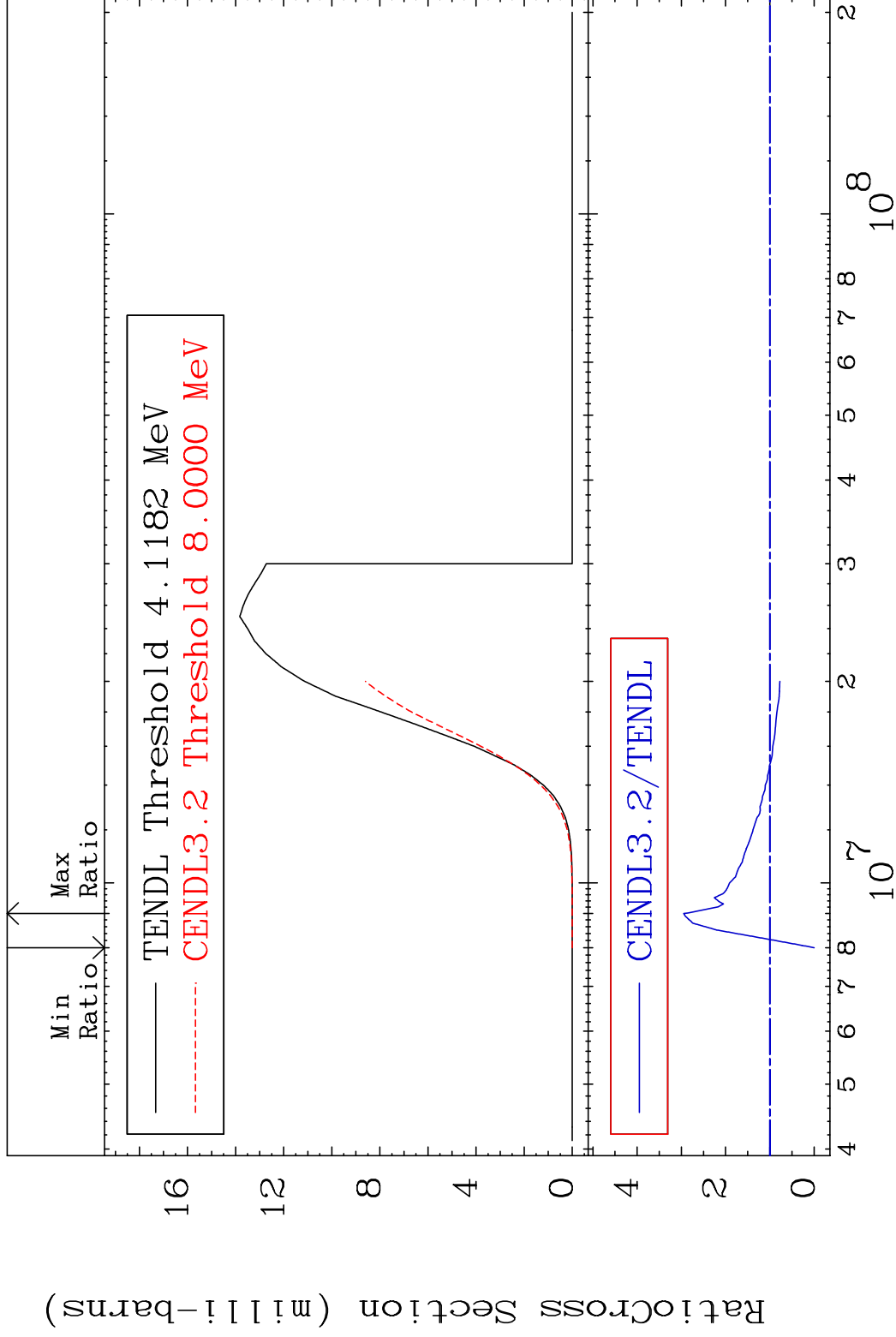
60-Nd-148

MAT 6043

(n,p)

60-Nd-148

Cross Section -100.0 To 194.8 %



21

Incident Energy (eV)

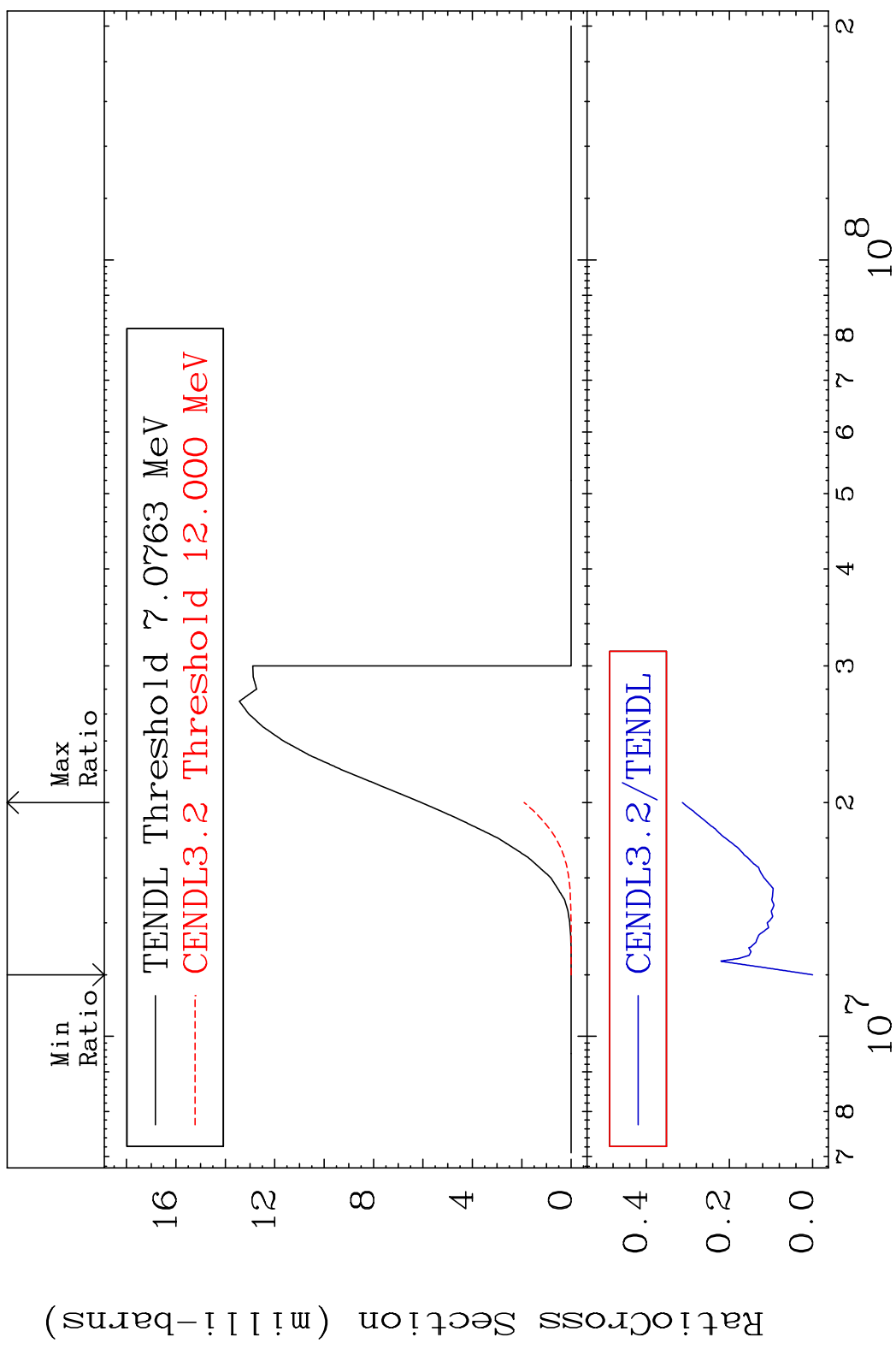
60-Nd-148

MAT 6043

(n,d)

60-Nd-148

Cross Section -100.0 To -68.67%

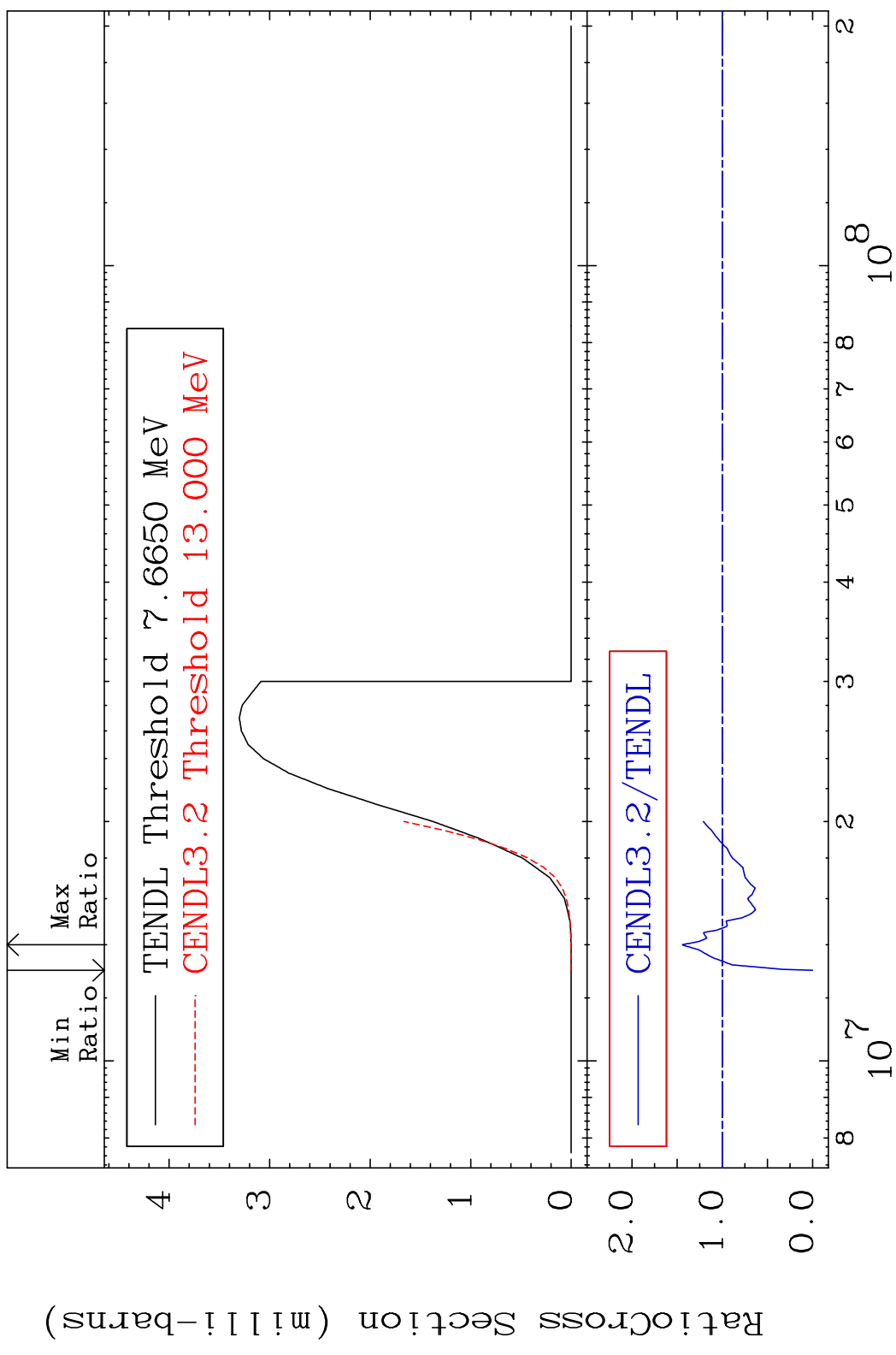


MAT 6043

(n, t)

60-Nd-148

Cross Section -100.0 To 44.21 %

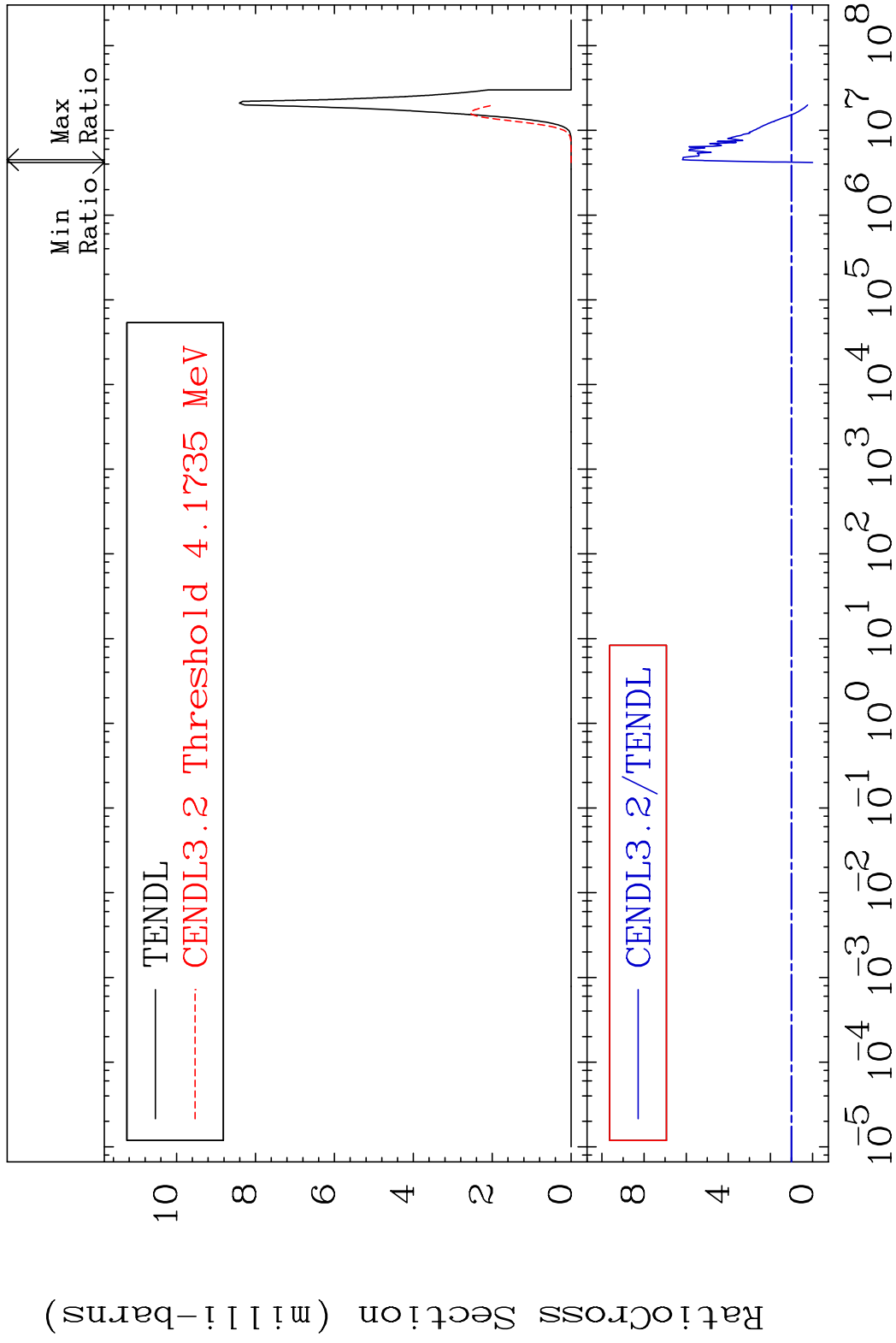


MAT 6043

(n, α)

60-Nd-148

Cross Section -100.0 To 518.1 %



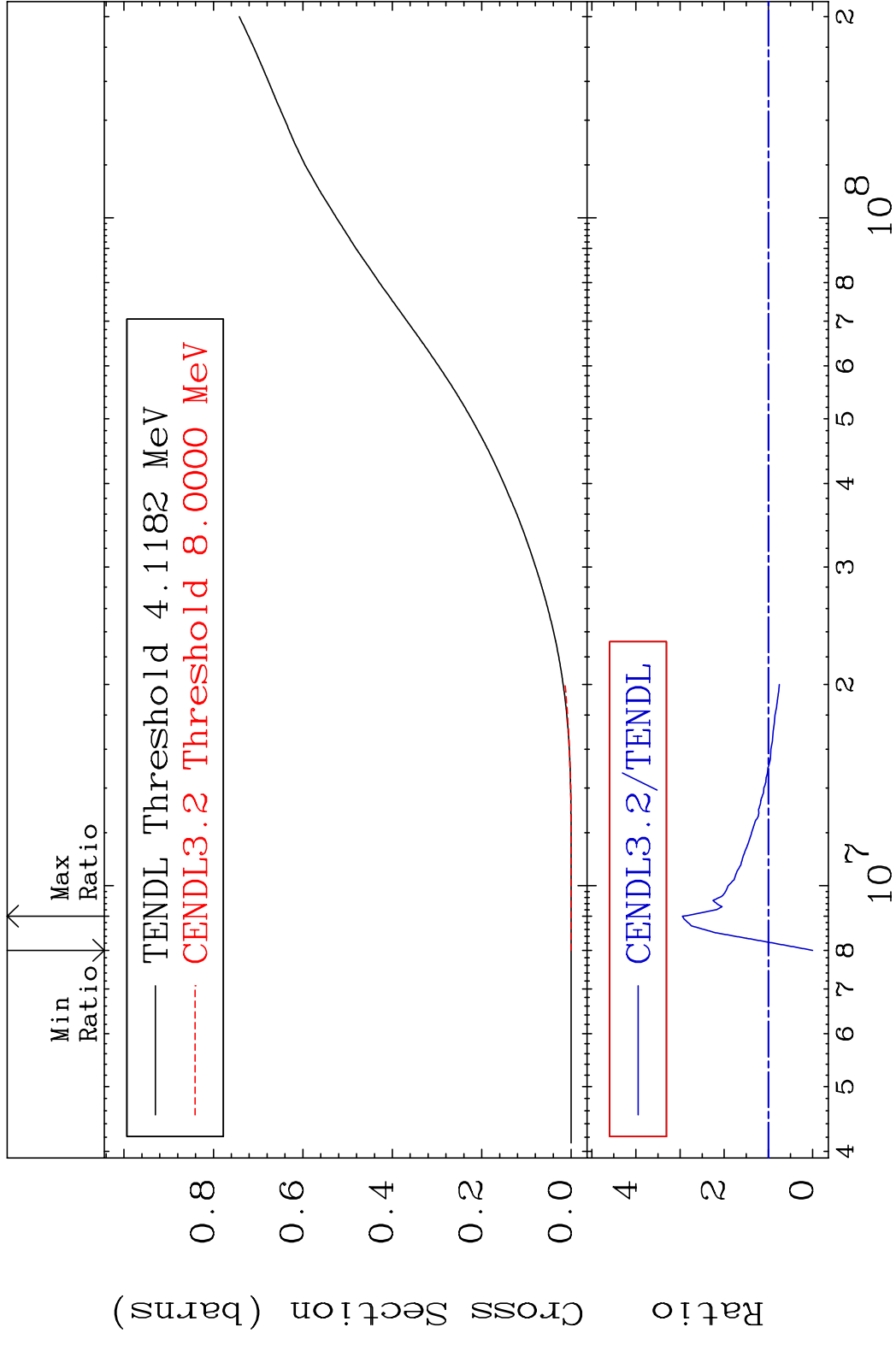
24

Incident Energy (eV)

60-Nd-148

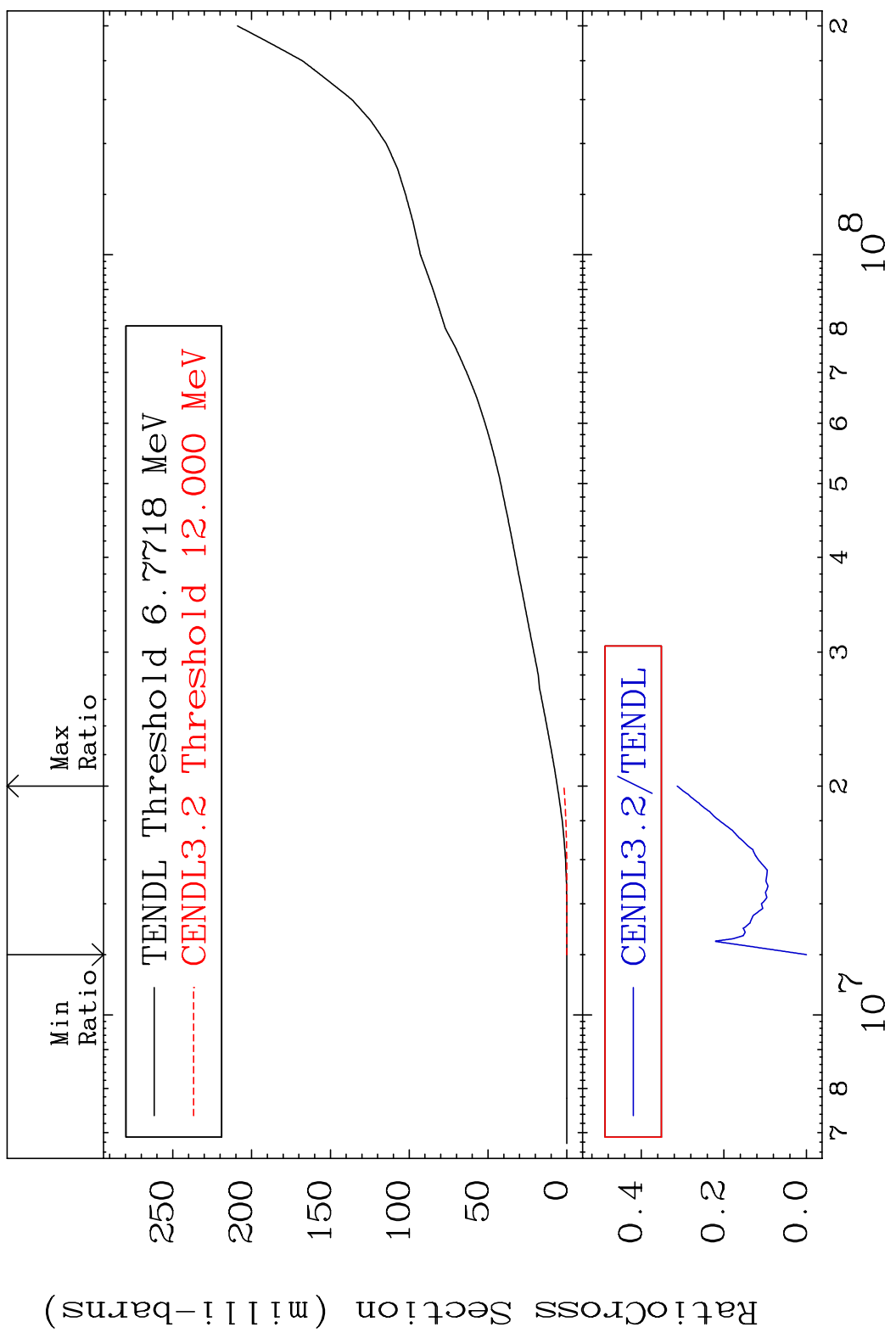
MAT 6043

Hydrogen Production 60-Nd-148
Cross Section -100.0 To 194.8 %



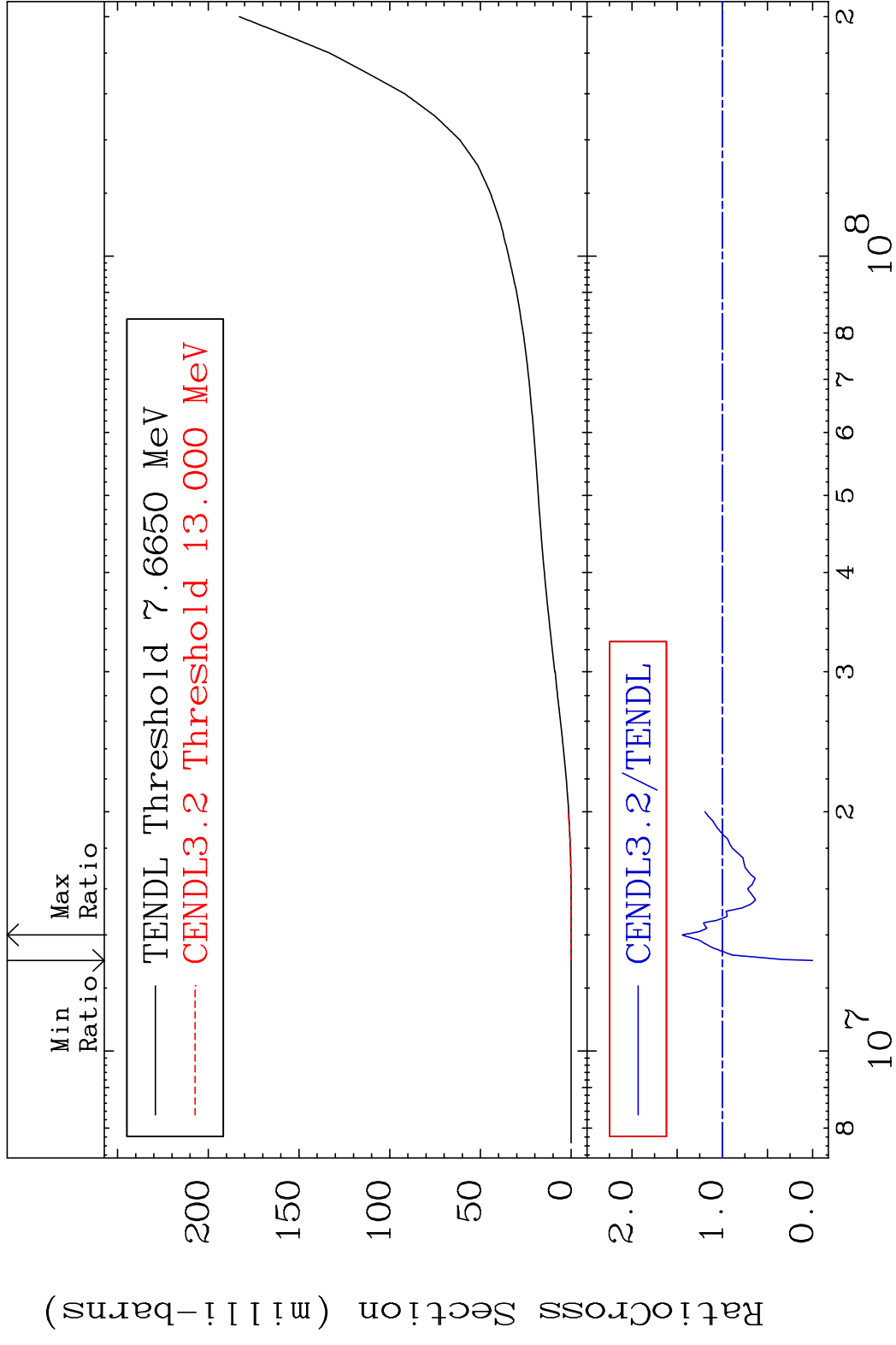
MAT 6043

Deuterium Production 60-Nd-148
Cross Section -100.0 To -68.69%



MAT 6043

Tritium Production 60-Nd-148
Cross Section -100.0 To 44.21 %

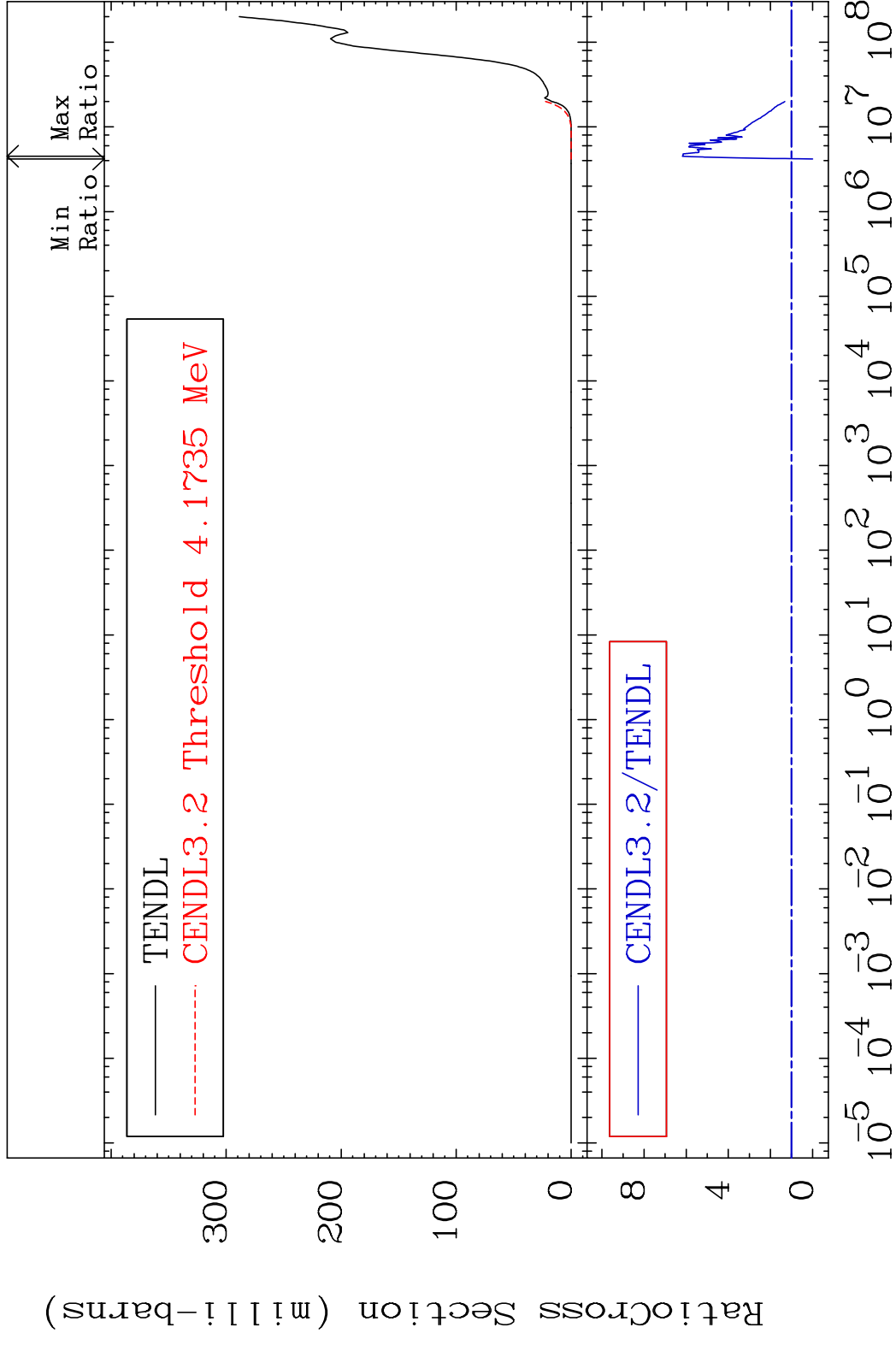


MAT 6043

He-4 Production

60-Nd-148

Cross Section -100.0 To 518.1 %

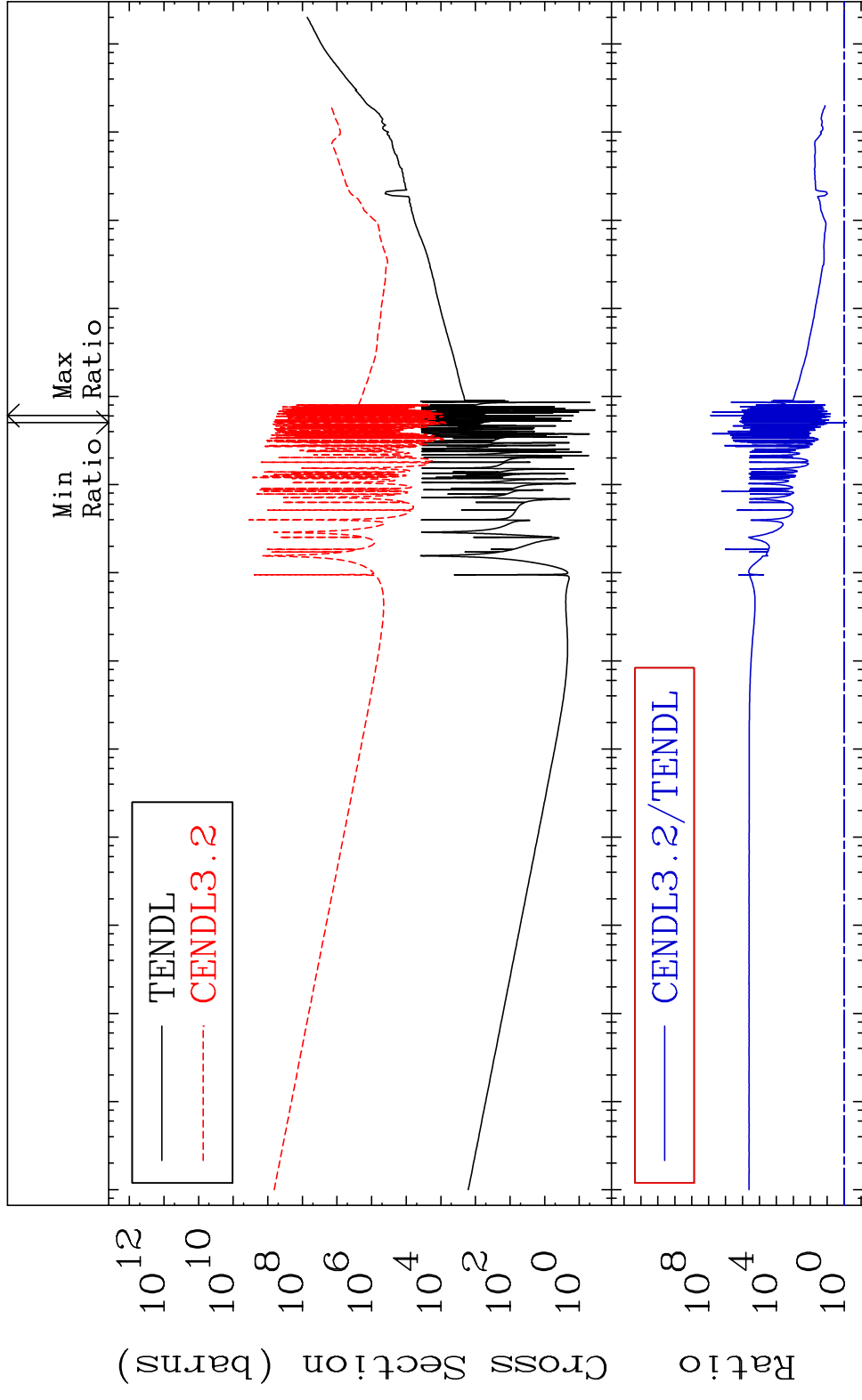


28

Incident Energy (eV)

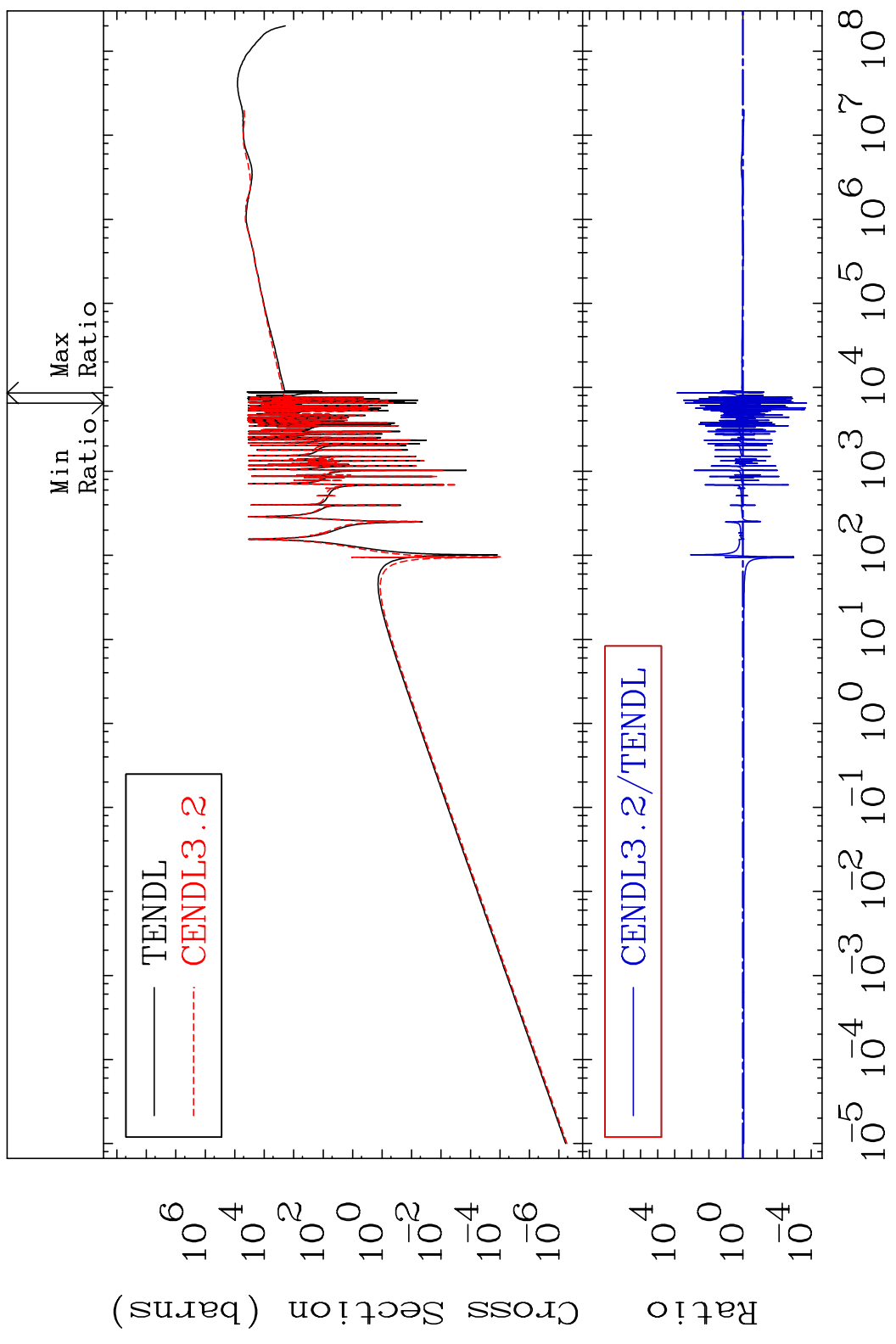
60-Nd-148

MAT 6043 Kerma total (eV-barns) 60-Nd-148
 Cross Section -25.75 To 9999. %



MAT 6043

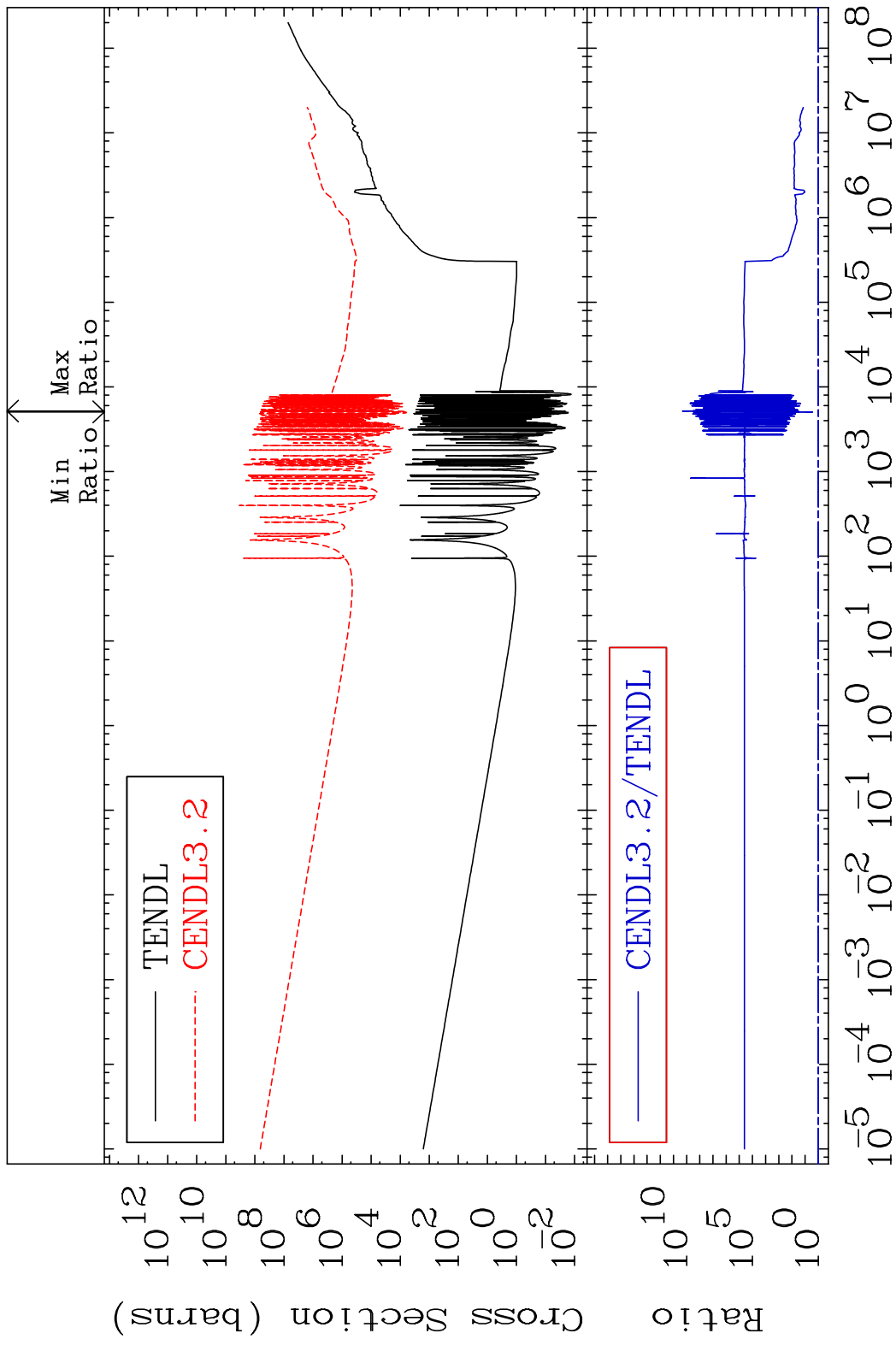
Kerma elastic
Cross Section -99.98 To 9999. %
60-Nd-148



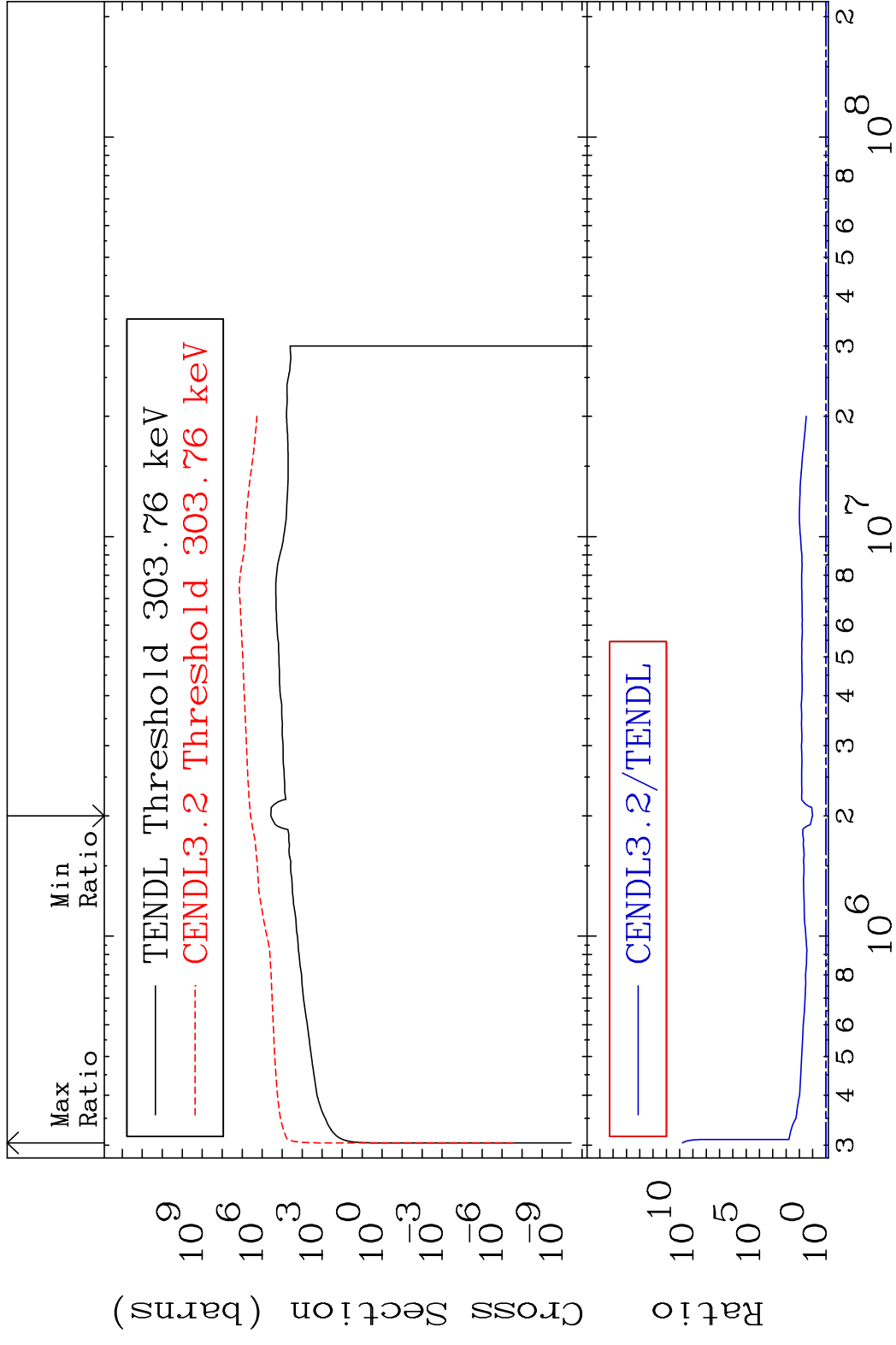
30

Incident Energy (eV) 60-Nd-148

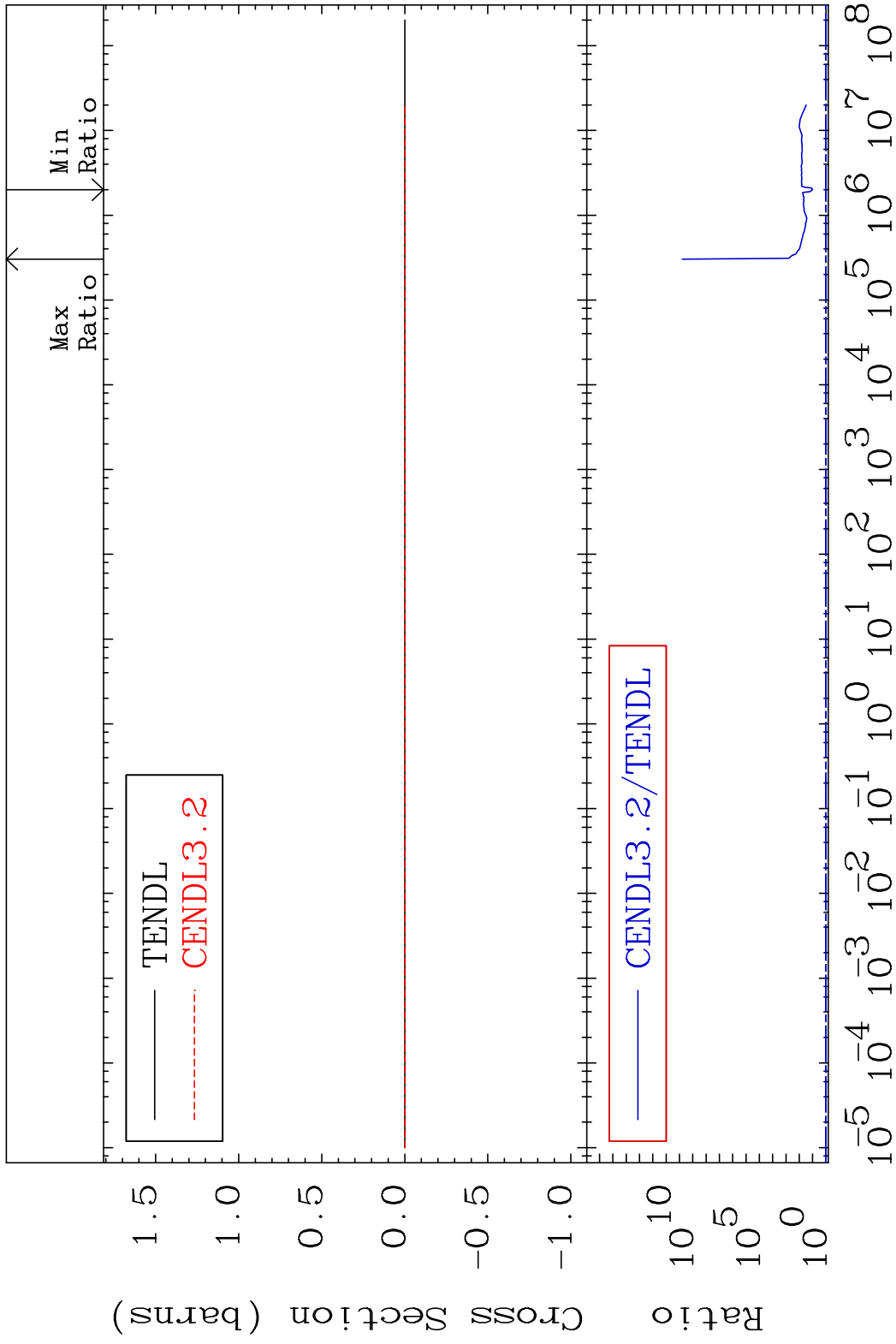
MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section 169.9 To 9999. %



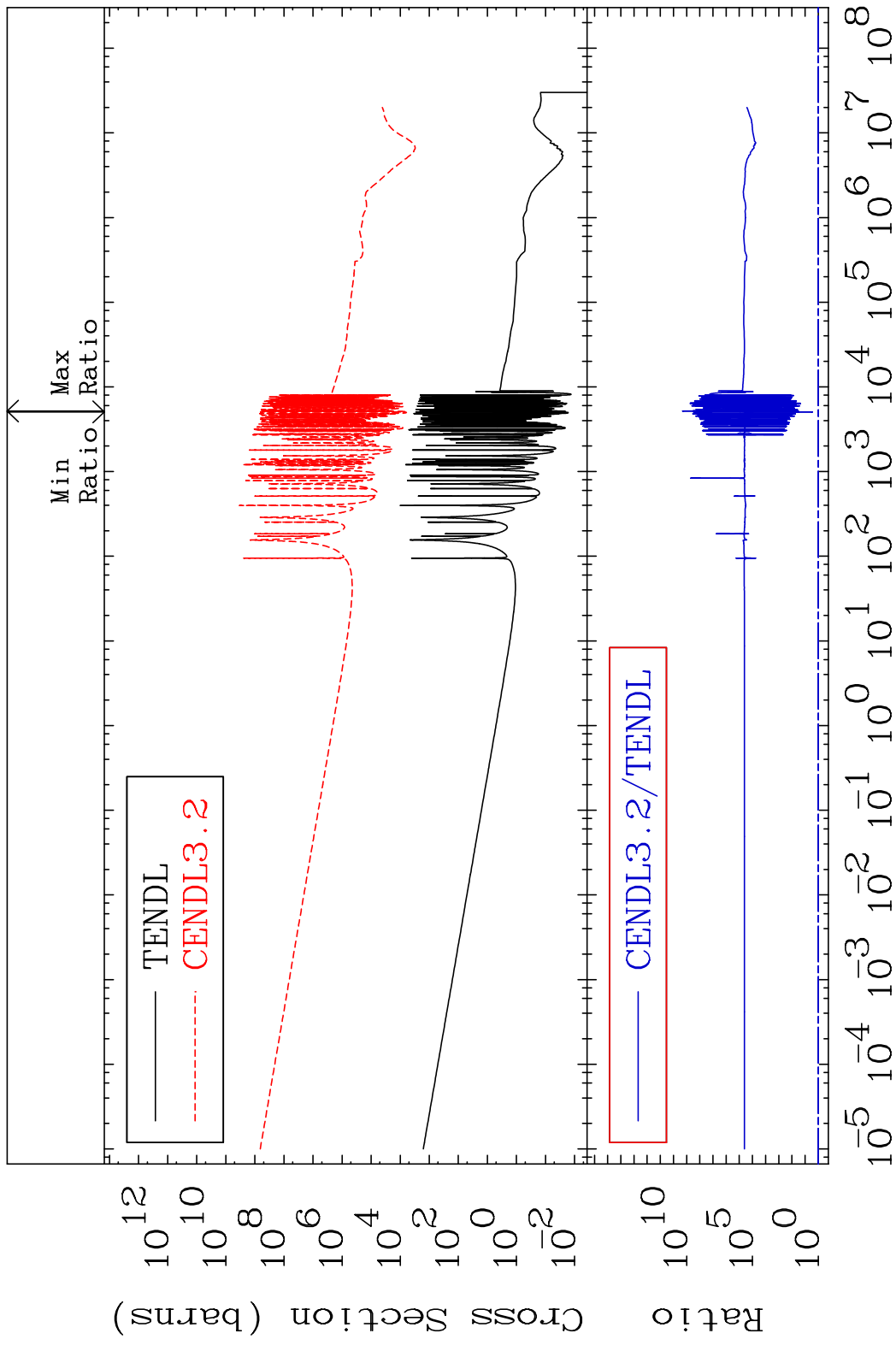
MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section 918.7 To 9999. %



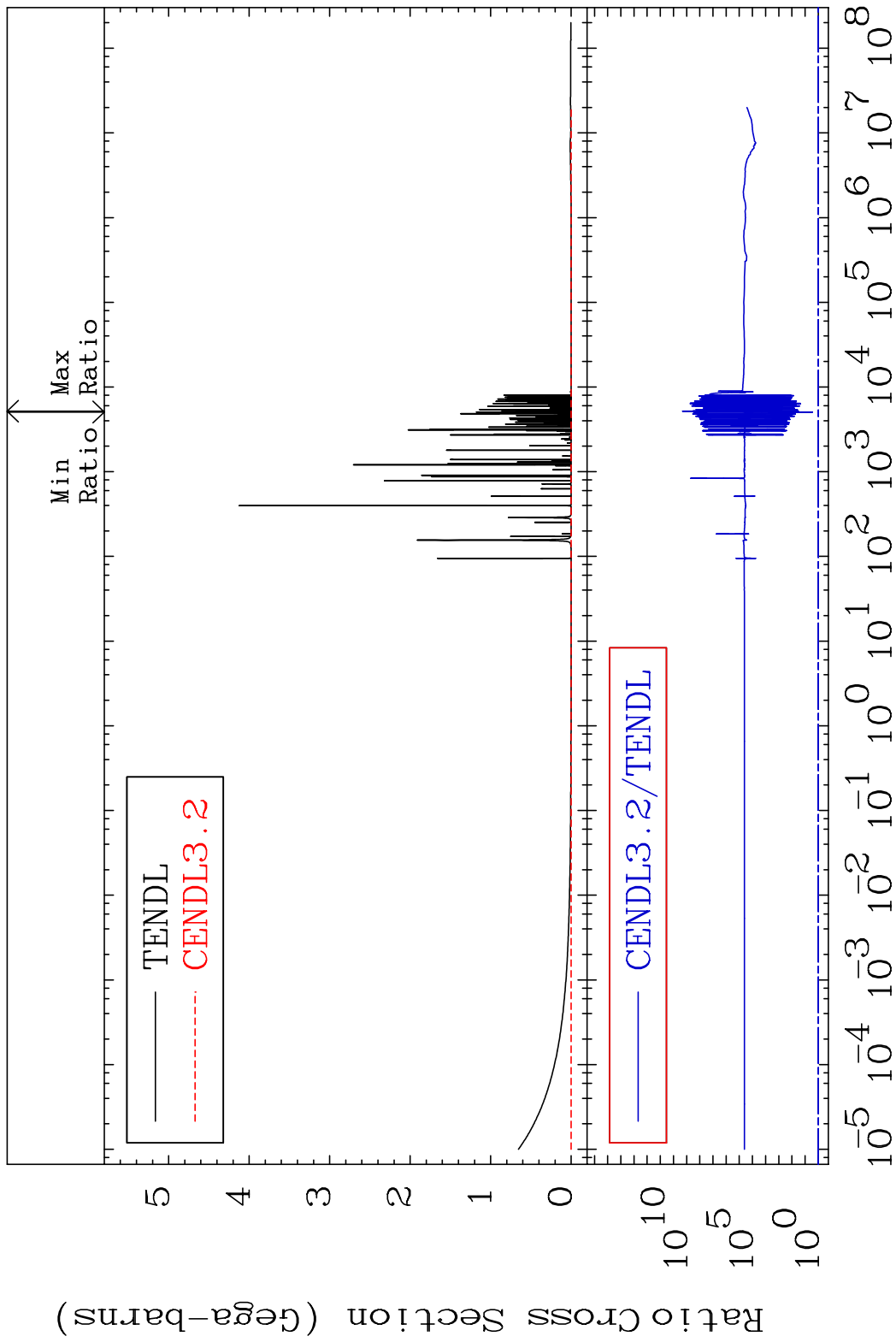
MAT 6043 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-148
 Cross Section 918.7 To 9999. %



MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section 169.9 To 9999. %

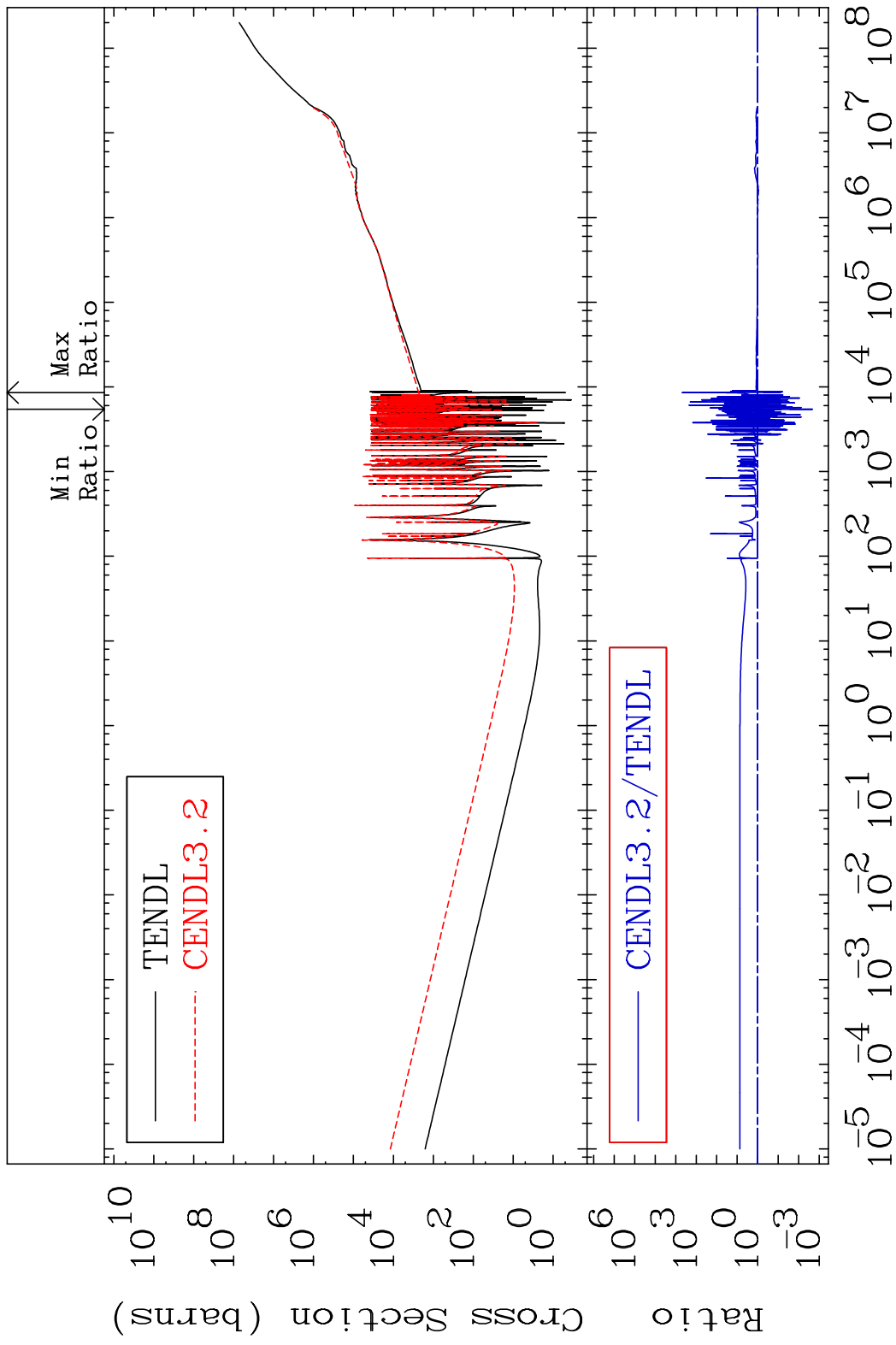


MAT 6043 Total photon (eV-barns) 60-Nd-148
 Cross Section 169.9 To 9999. %

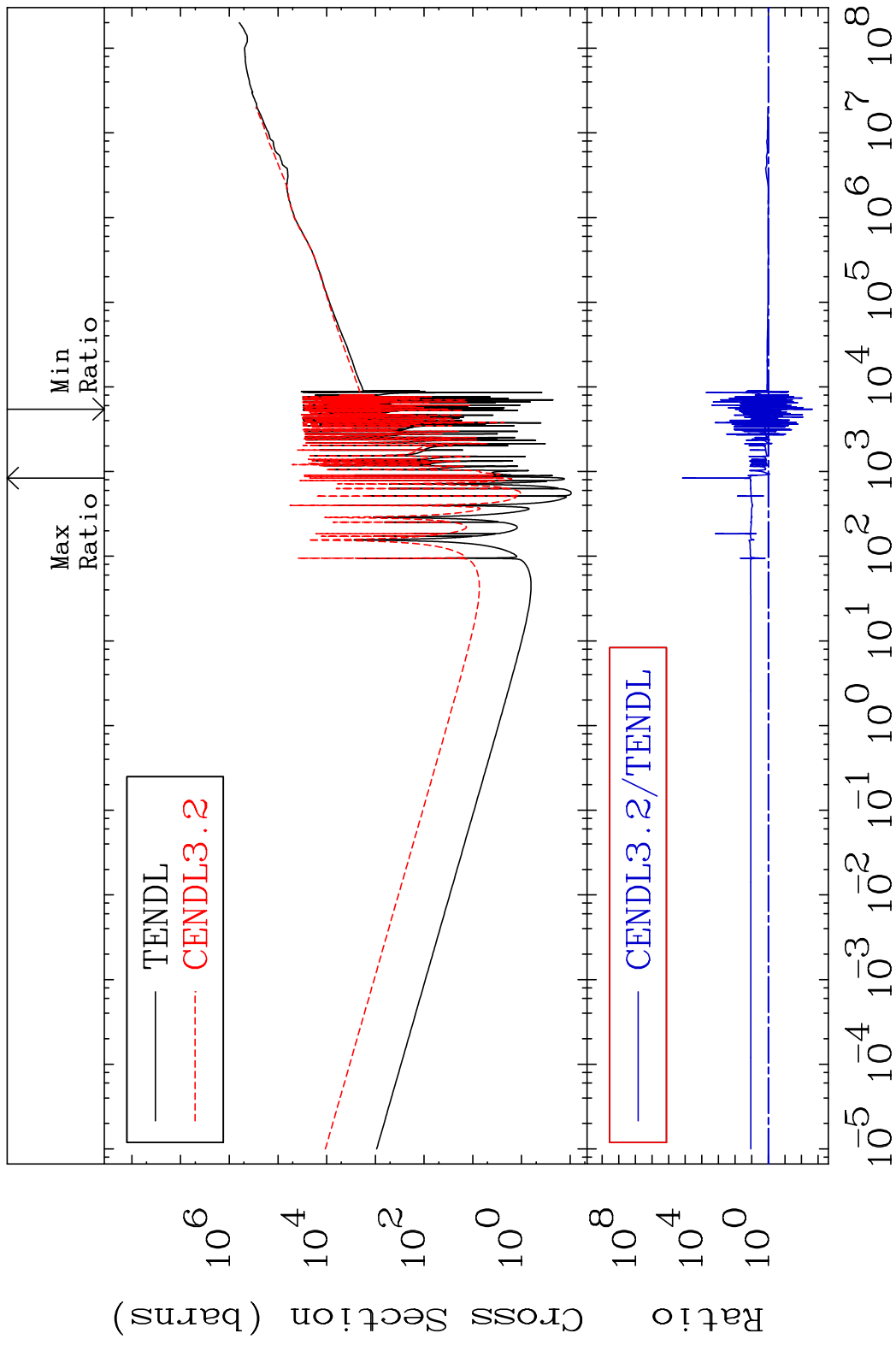


35 Incident Energy (eV) 60-Nd-148

MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
 Cross Section -99.79 To 9999. %



MAT 6043 Dpa total (eV-barns) 60-Nd-148
 Cross Section -99.78 To 9999. %



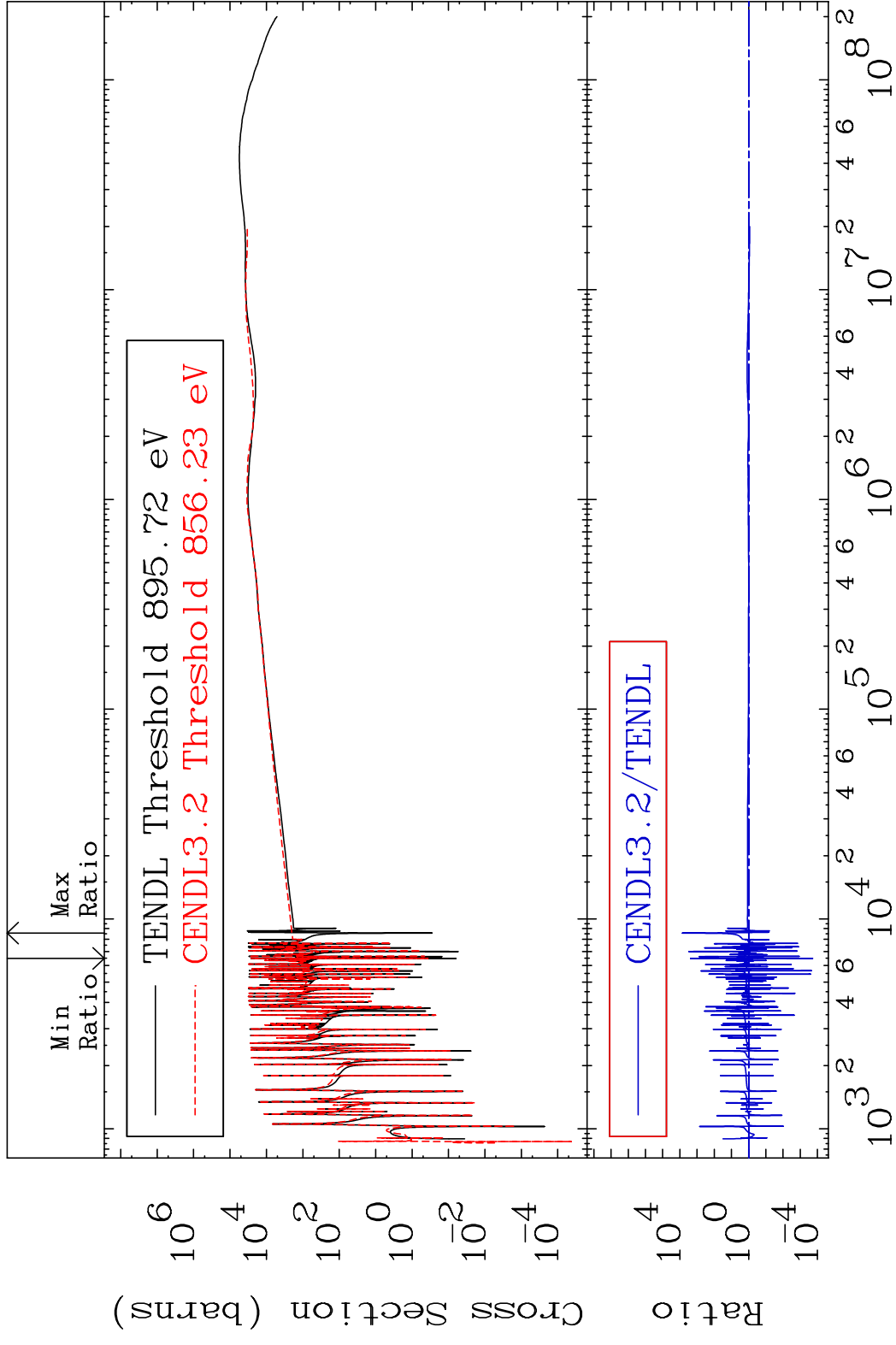
37 Incident Energy (eV) 60-Nd-148

MAT 6043

Dpa elastic (mt2)

60-Nd-148

Cross Section -99.98 To 9999. %

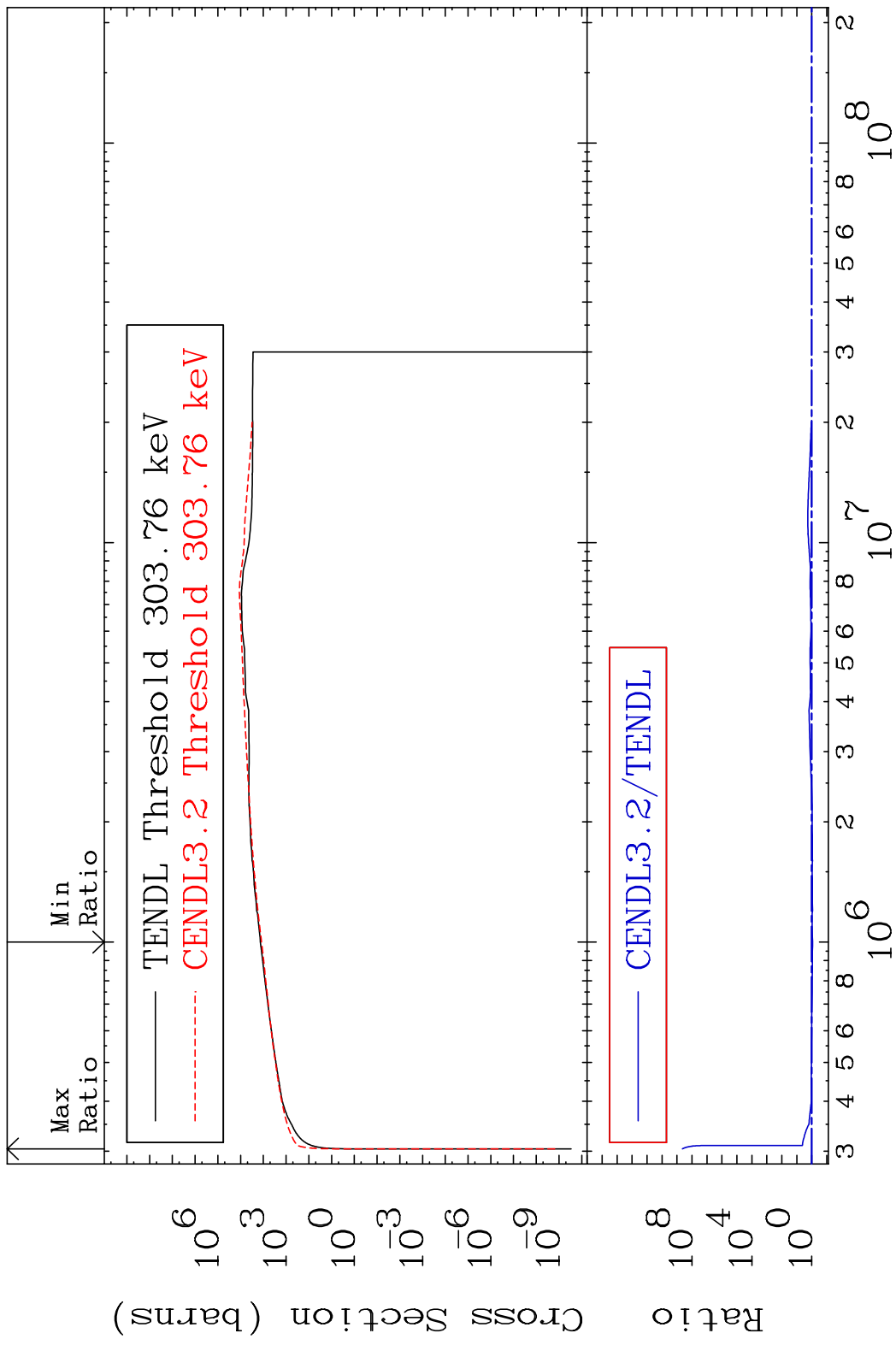


38

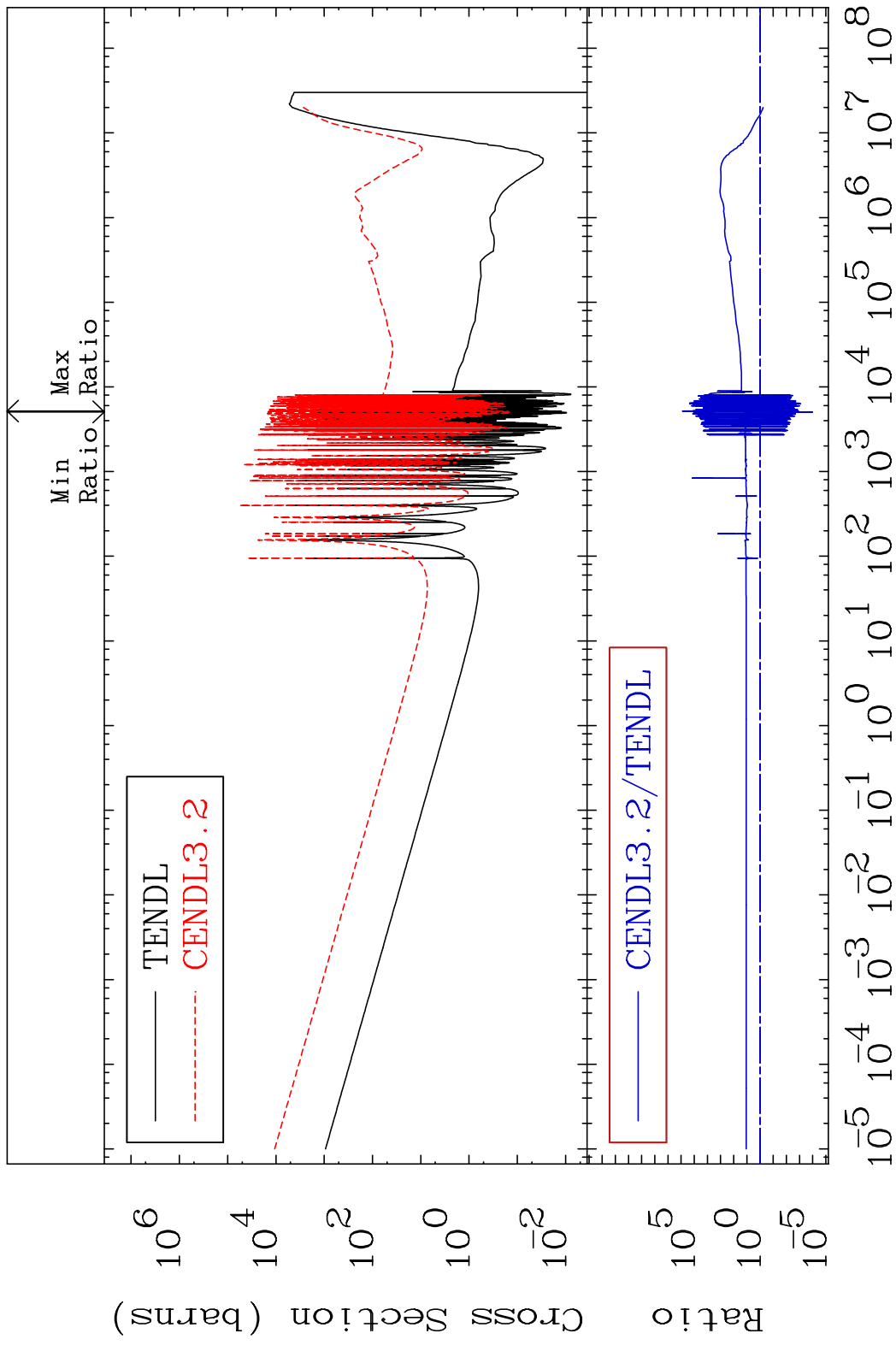
Incident Energy (eV)

60-Nd-148

MAT 6043 Dpa inelastic (mt51-91) 60-Nd-148
 Cross Section -11.86 To 9999. %



MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -99.99 To 9999. %



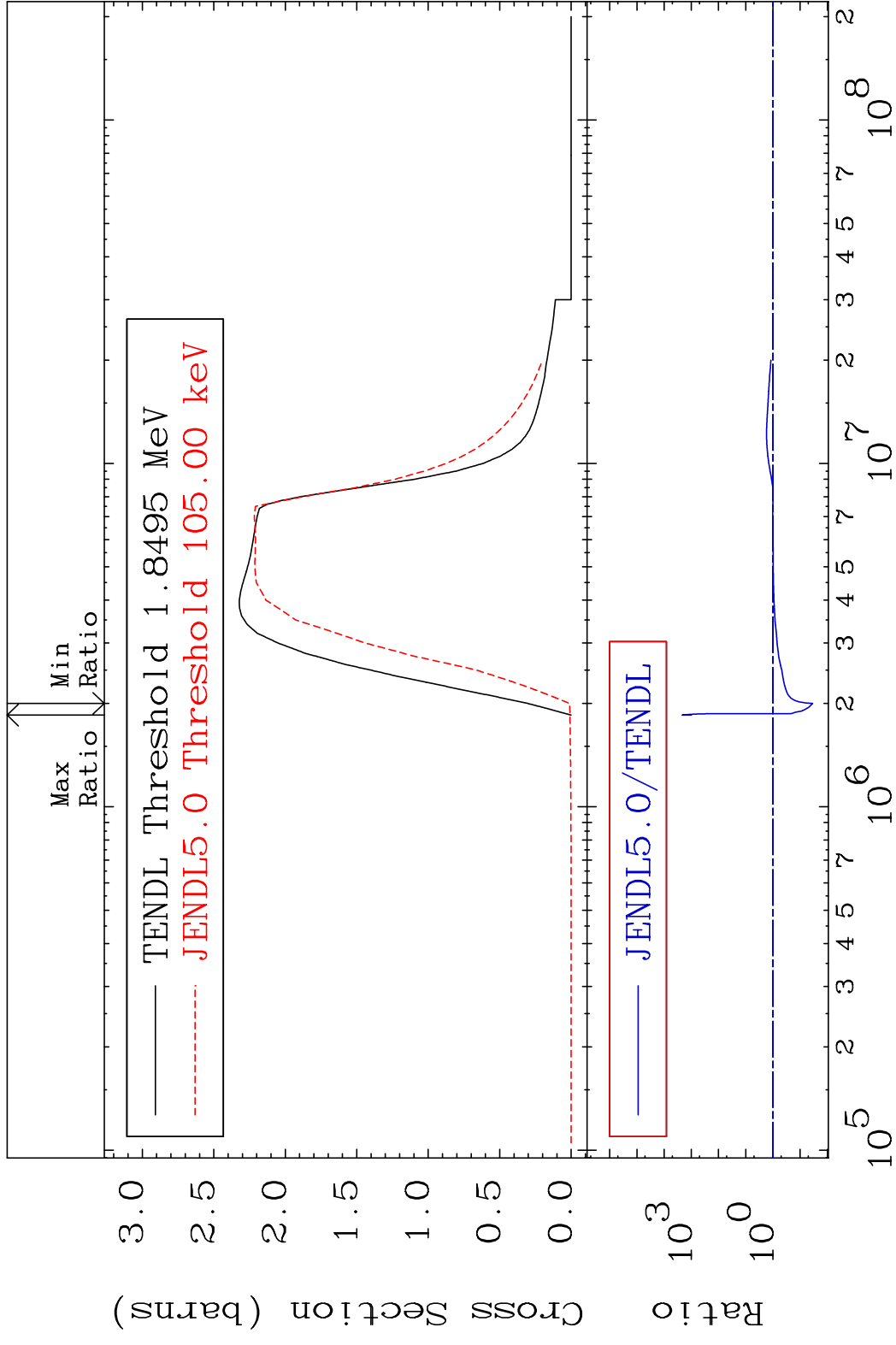
40 Incident Energy (eV) 60-Nd-148

MAT 6043

(n, n') Continuum

60-Nd-148

Cross Section -96.51 To 9999. %



41

Incident Energy (eV)

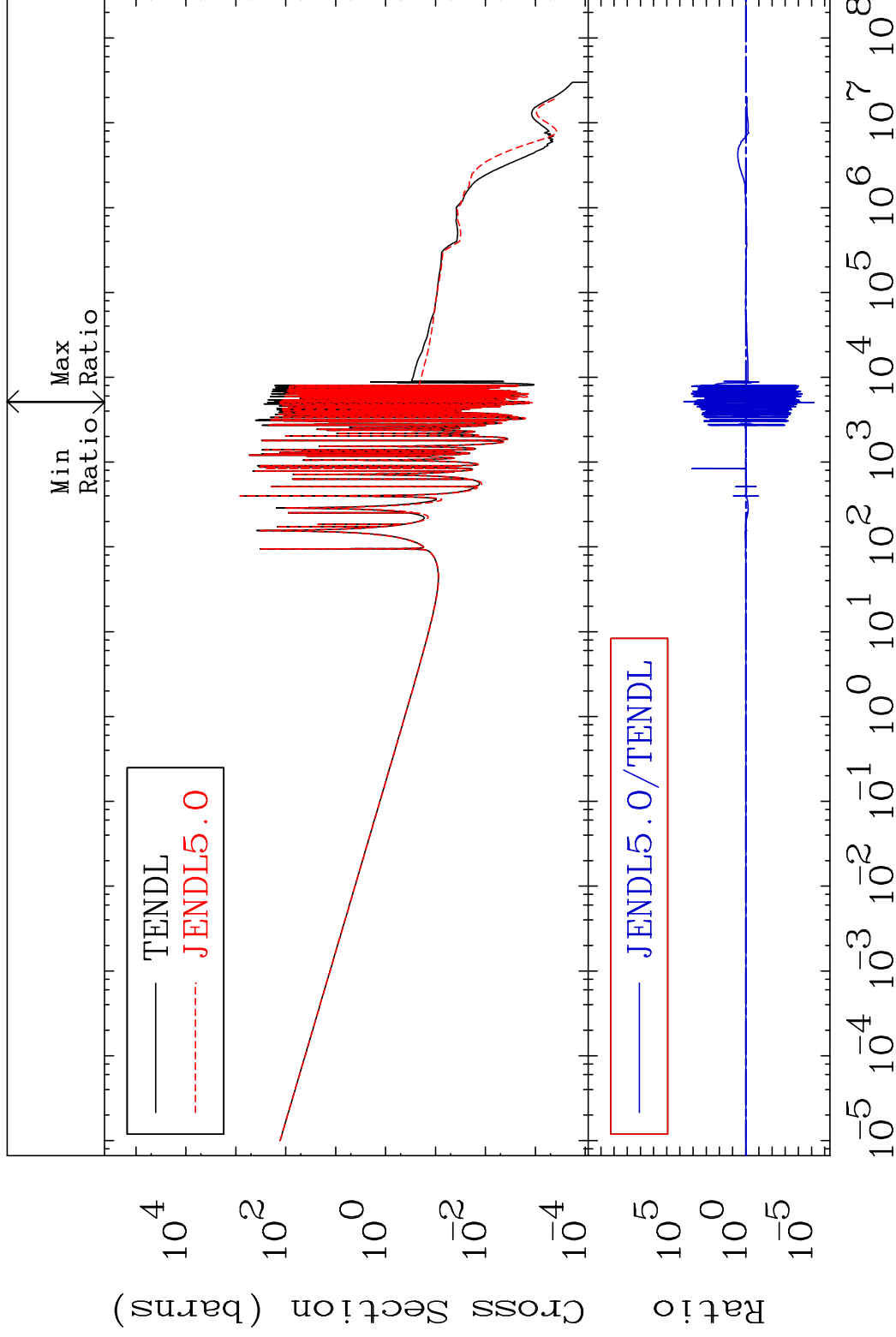
60-Nd-148

MAT 6043

(n, γ)

60-Nd-148

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

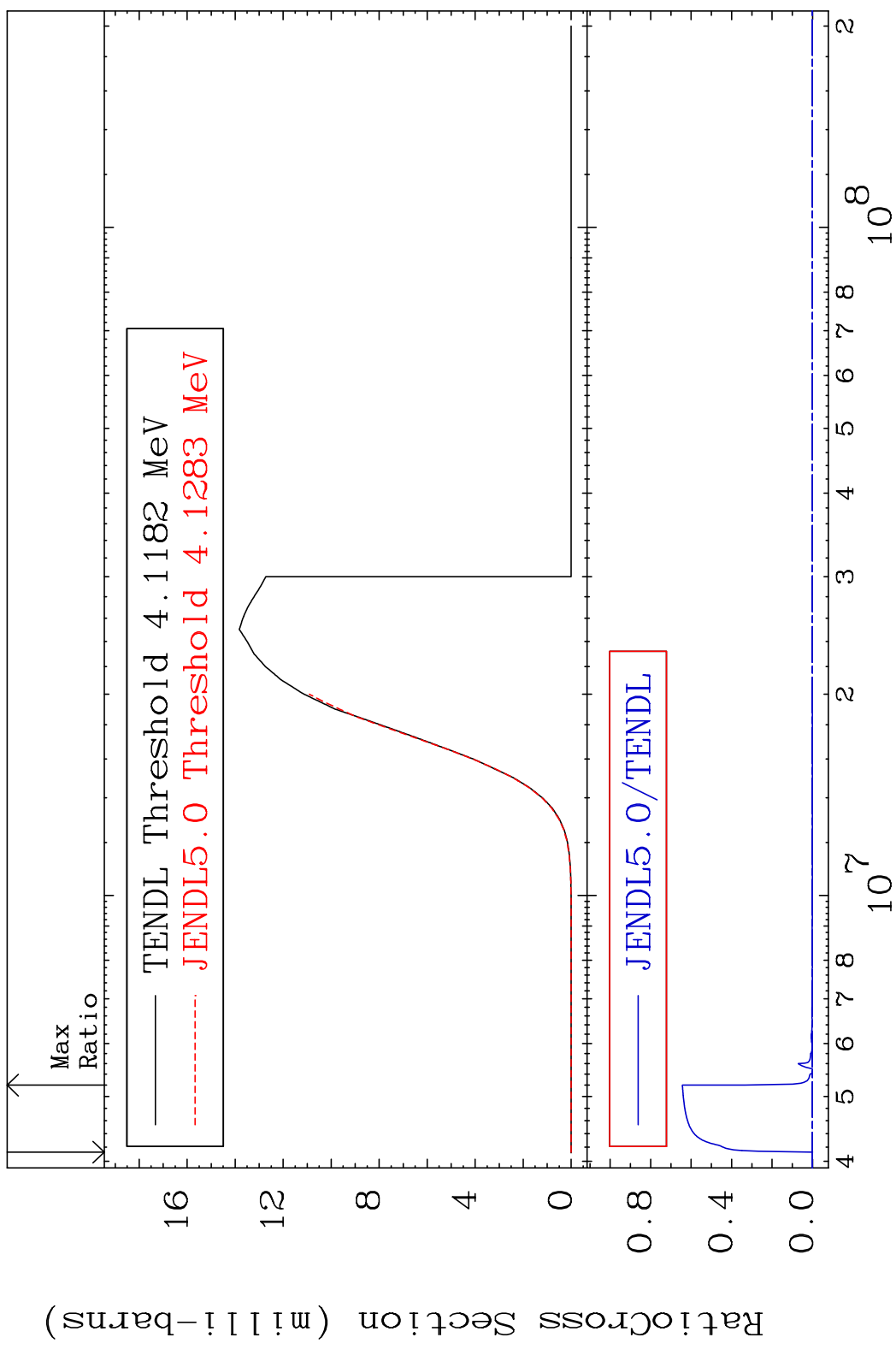
60-Nd-148

MAT 6043

(n,p)

60-Nd-148

Cross Section -100.0 To 9999. %

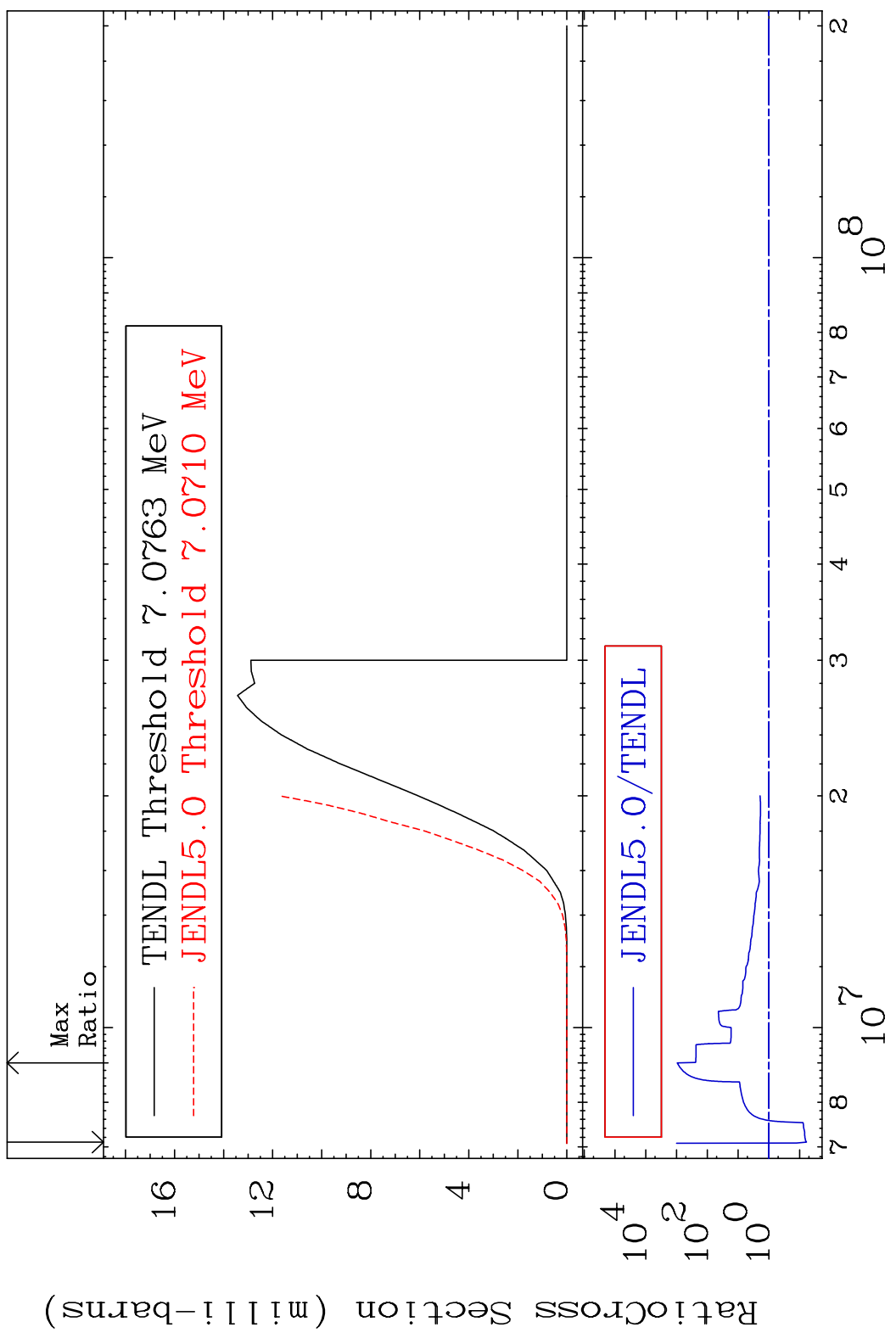


MAT 6043

(n,d)

60-Nd-148

Cross Section -93.95 To 9999. %



44

Incident Energy (eV)

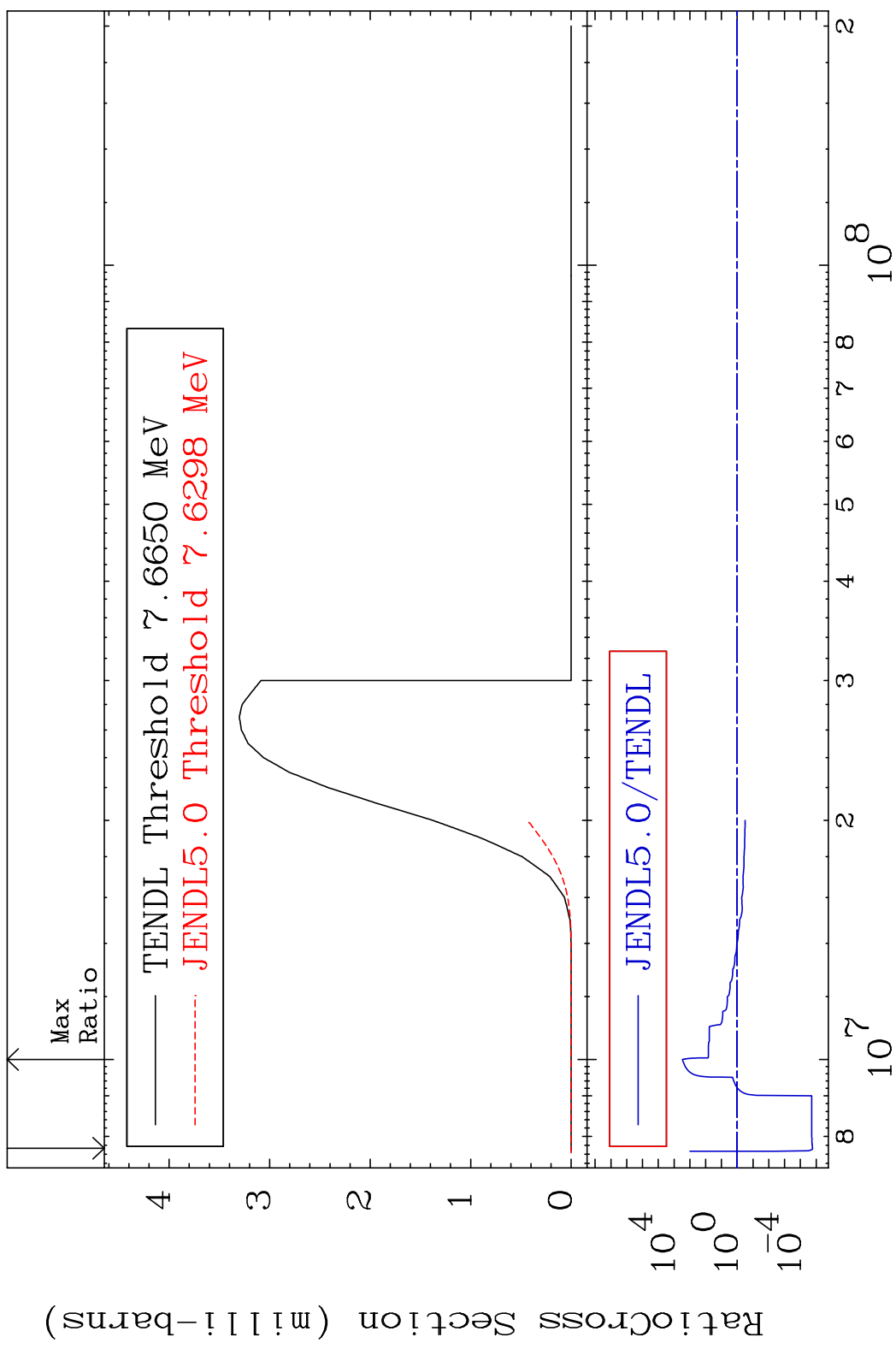
60-Nd-148

MAT 6043

(n, t)

60-Nd-148

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

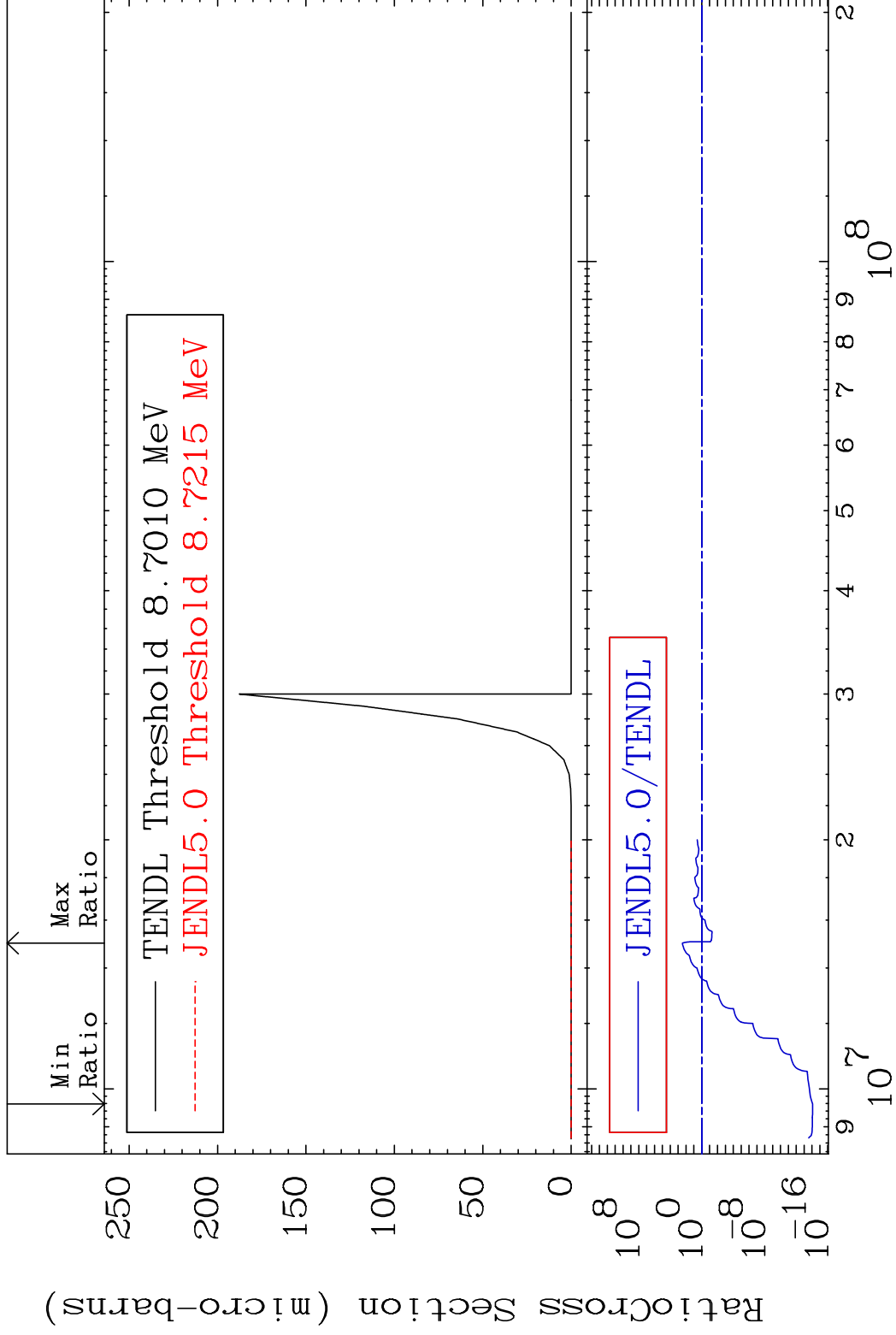
60-Nd-148

MAT 6043

(n, He-3)

60-Nd-148

Cross Section -100.0 To 9999. %



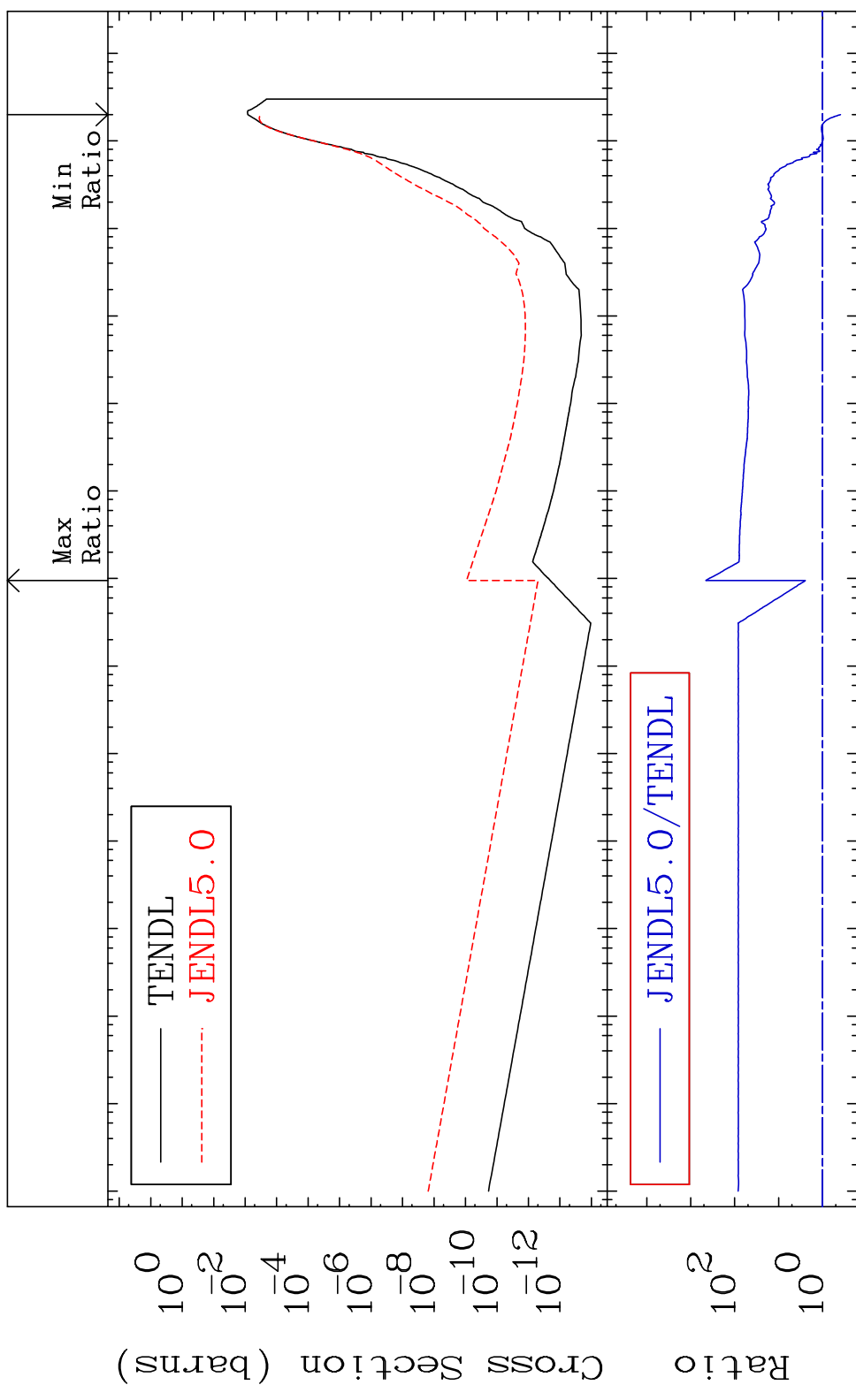
46

Incident Energy (eV)

60-Nd-148

MAT 6043

(n, α)
Cross Section -60.72 To 9999. %
60-Nd-148

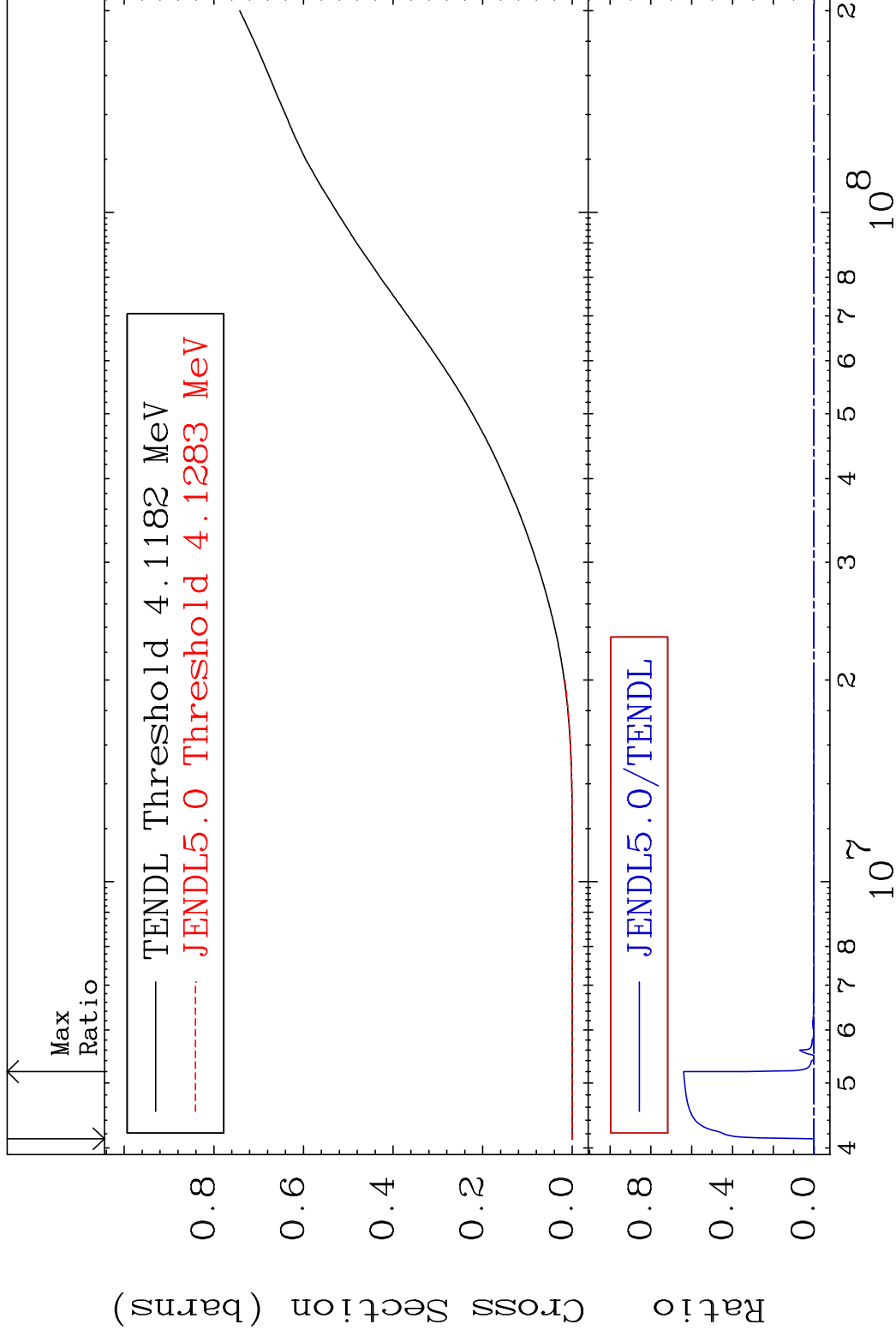


MAT 6043

Hydrogen Production

60-Nd-148

Cross Section -100.0 To 9999. %

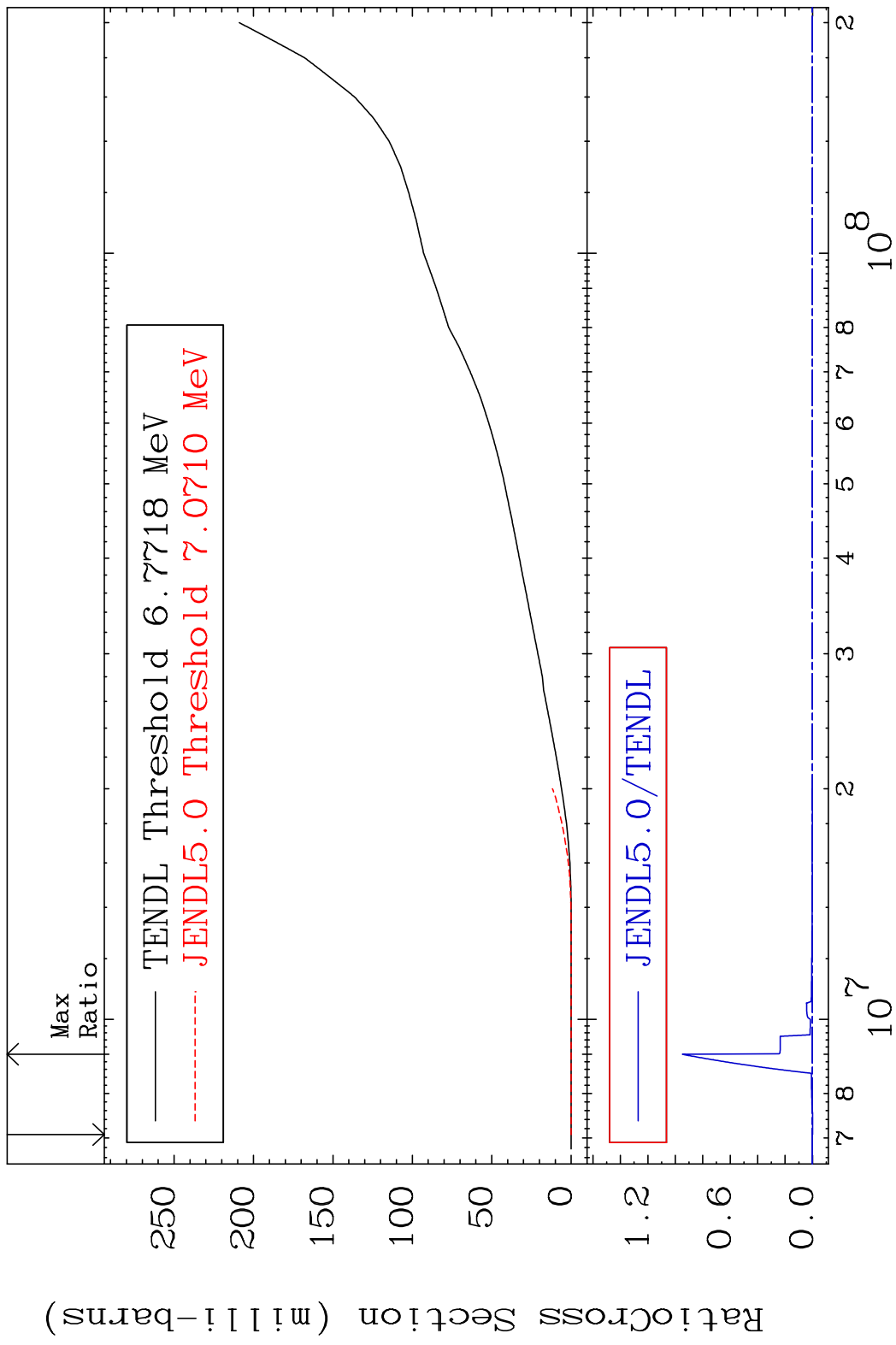


48

Incident Energy (eV)

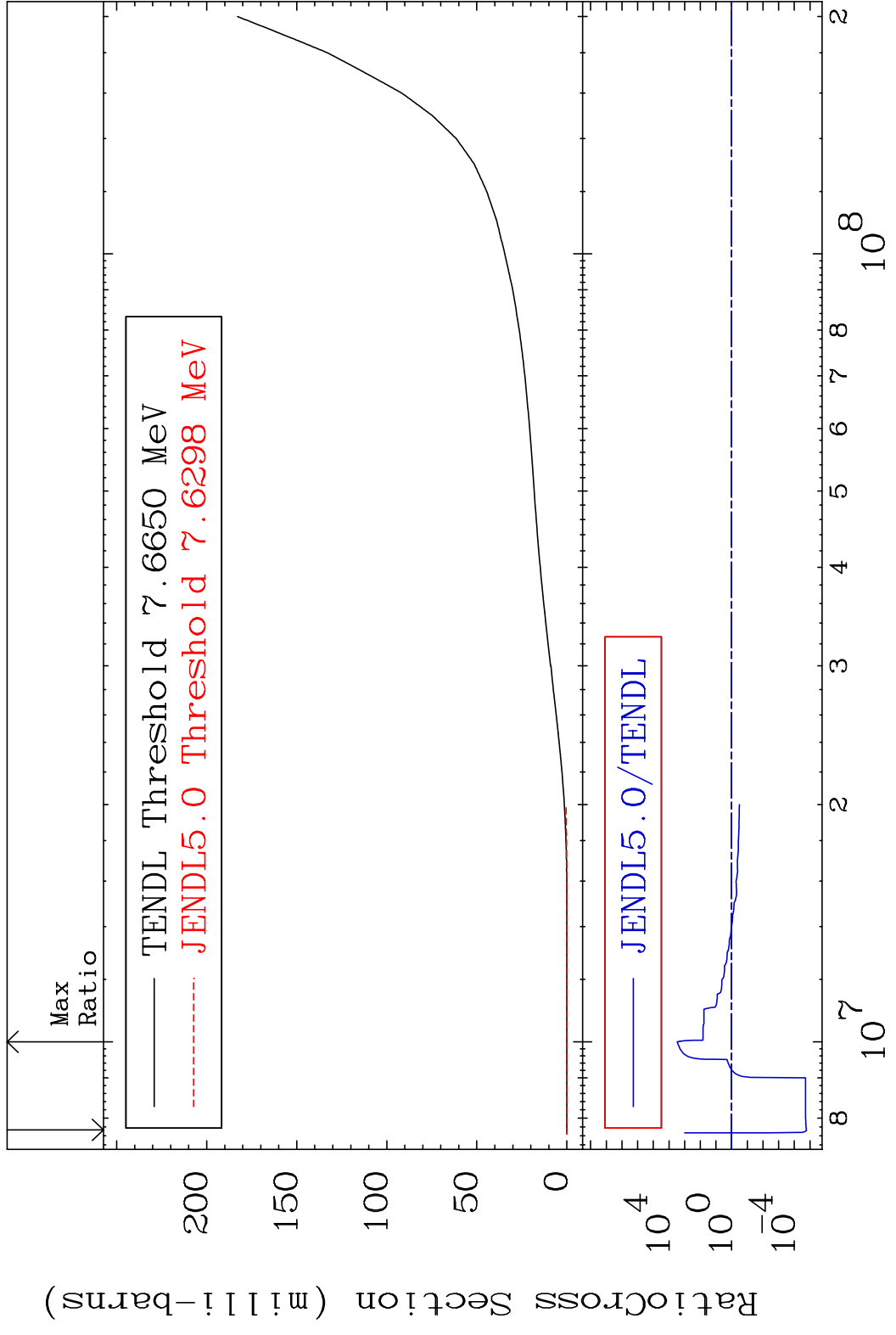
60-Nd-148

MAT 6043 Deuterium Production 60-Nd-148
Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 60-Nd-148

MAT 6043 Tritium Production 60-Nd-148
 Cross Section -100.0 To 9999. %



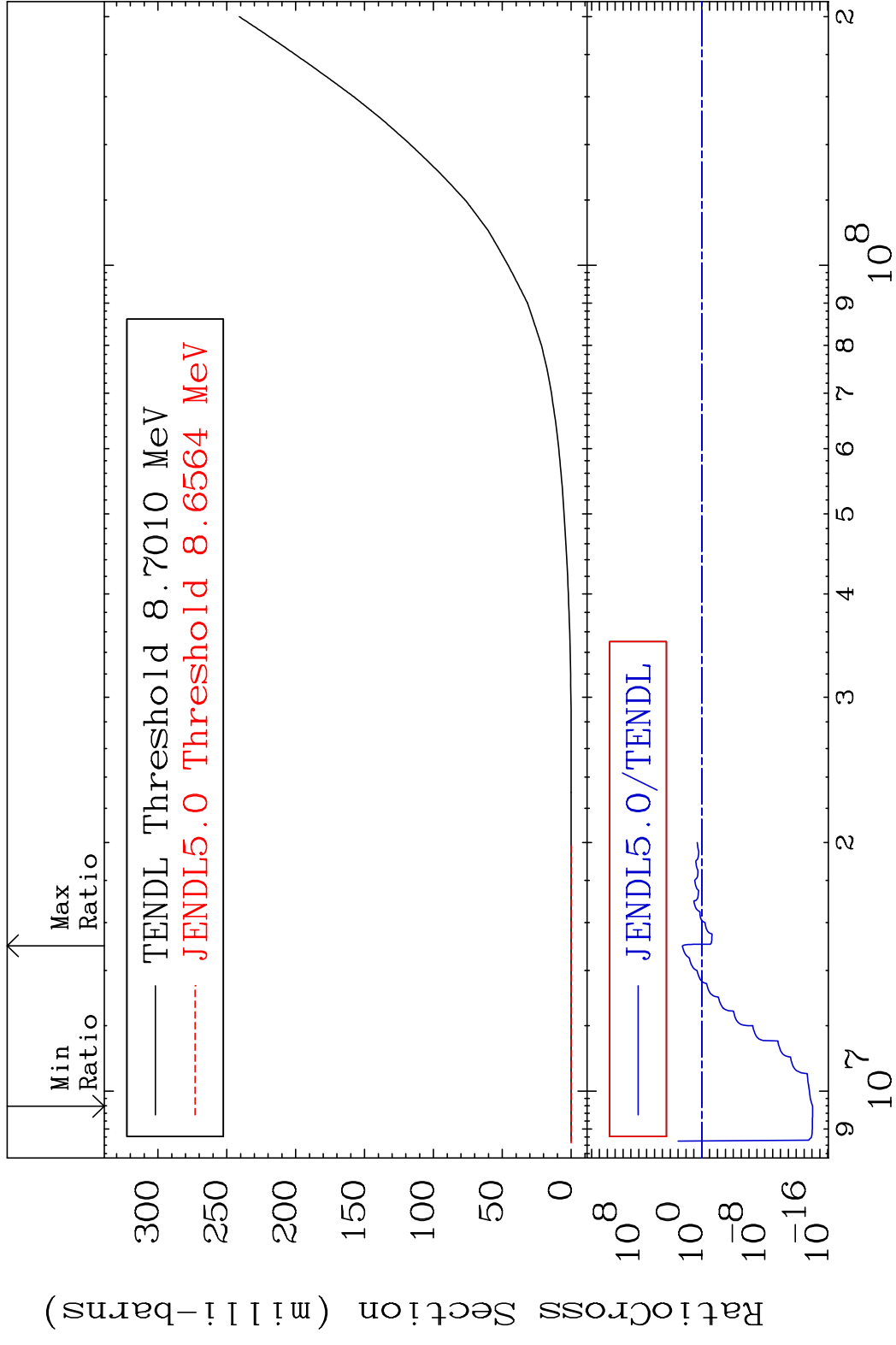
50 Incident Energy (eV) 60-Nd-148

MAT 6043

He-3 Production

60-Nd-148

Cross Section -100.0 To 9999. %

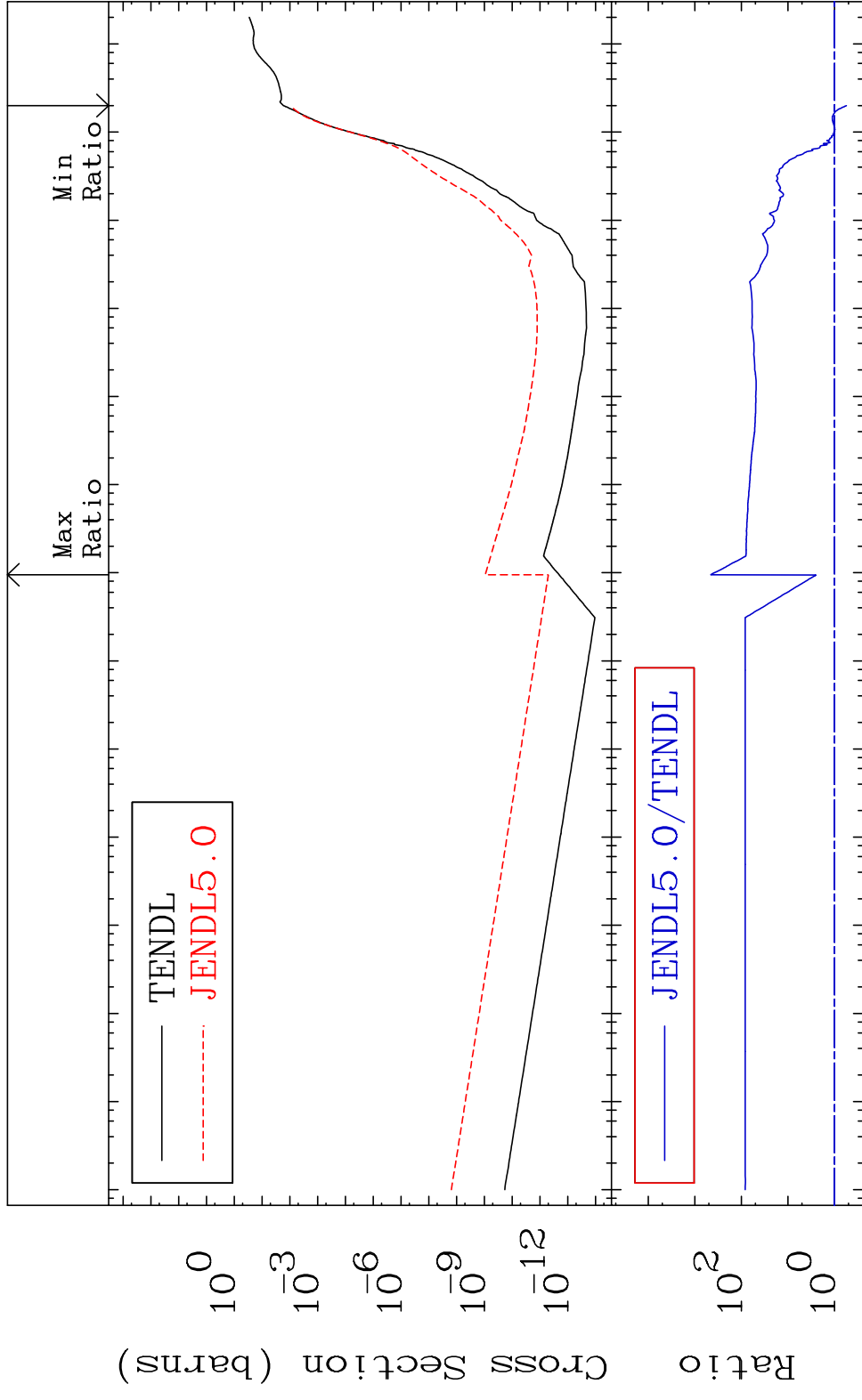


MAT 6043

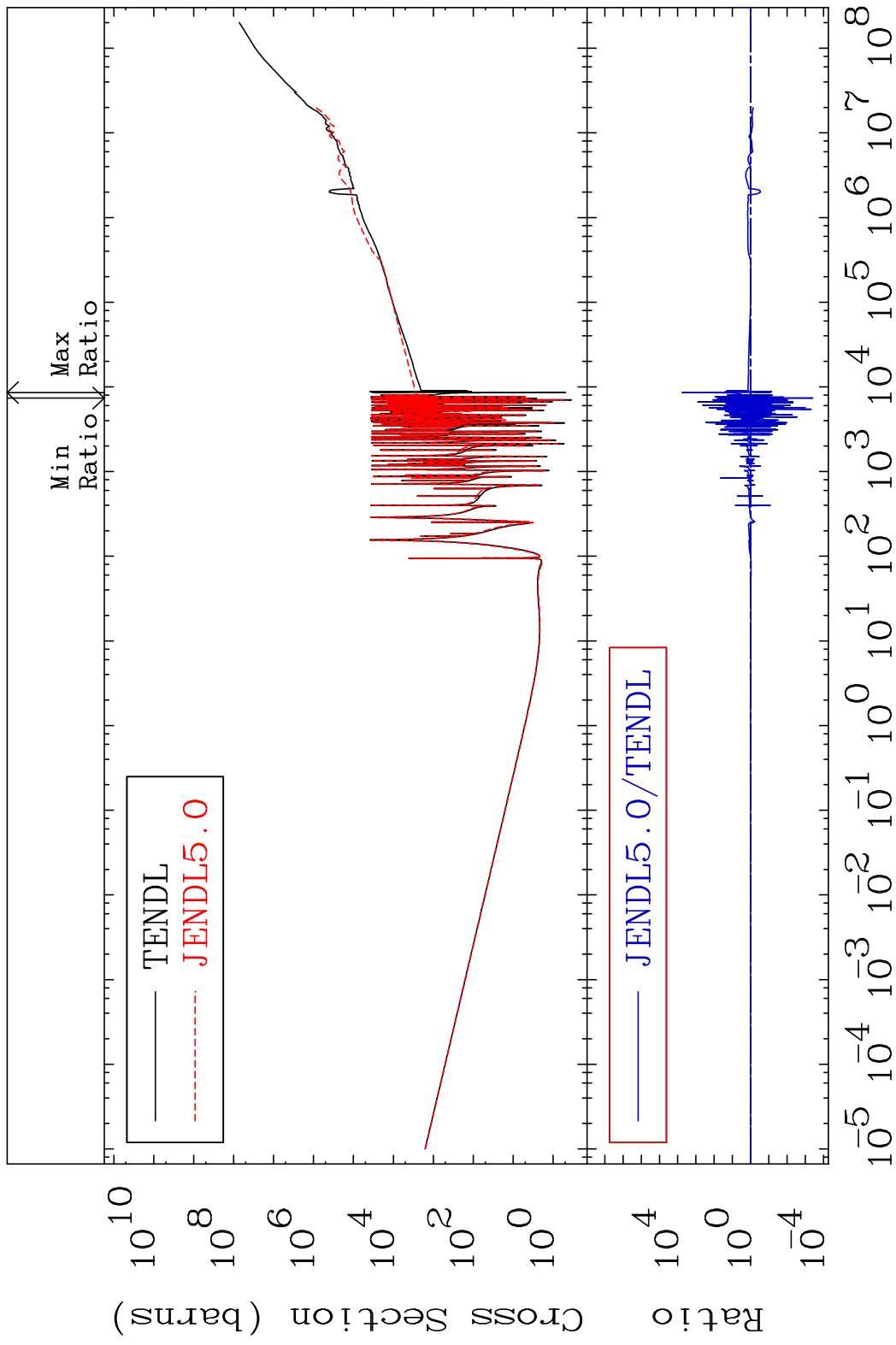
He-4 Production

60-Nd-148

Cross Section -44.36 To 9999. %



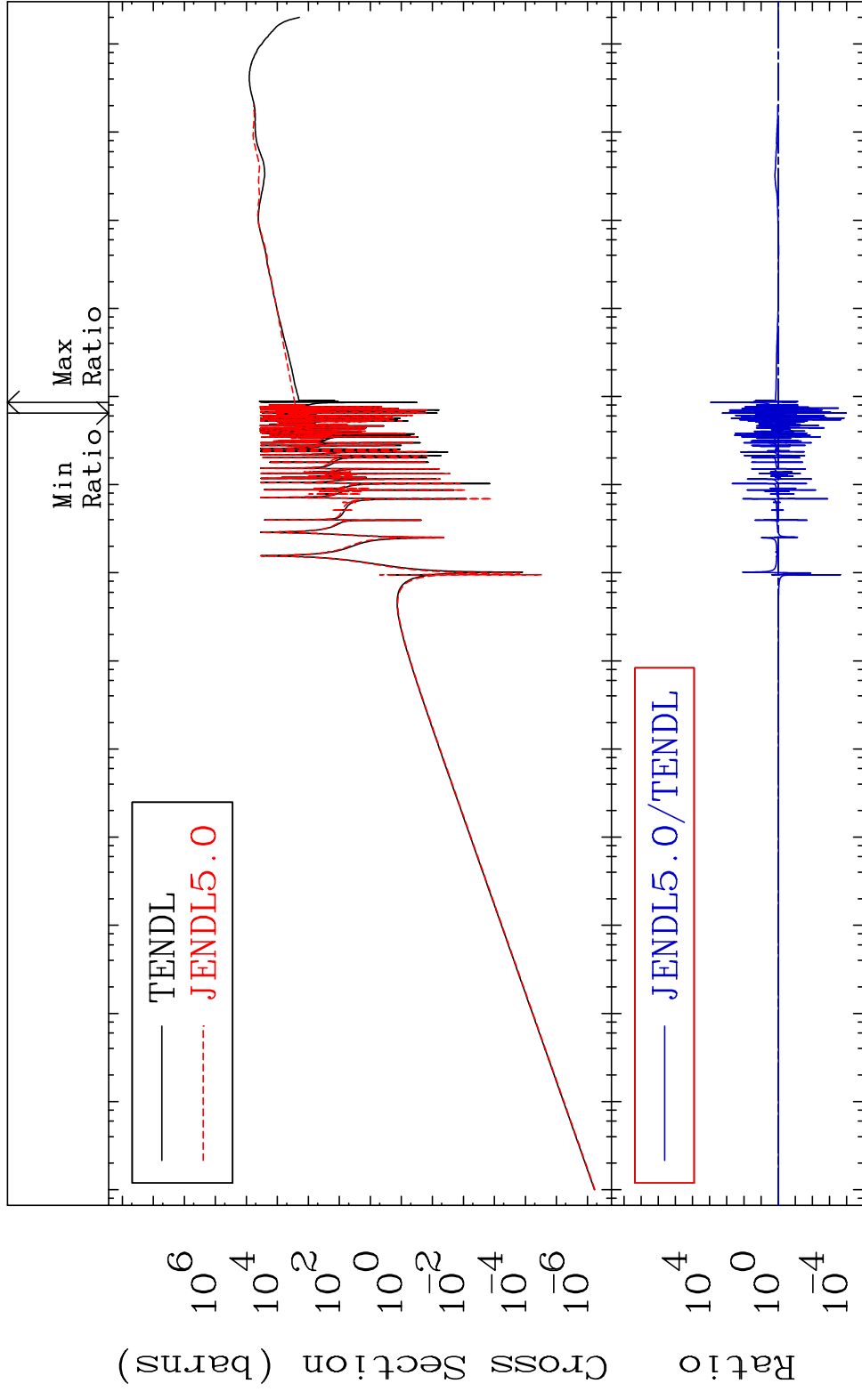
MAT 6043 Kerma total (eV-barns) 60-Nd-148
 Cross Section -99.96 To 9999. %



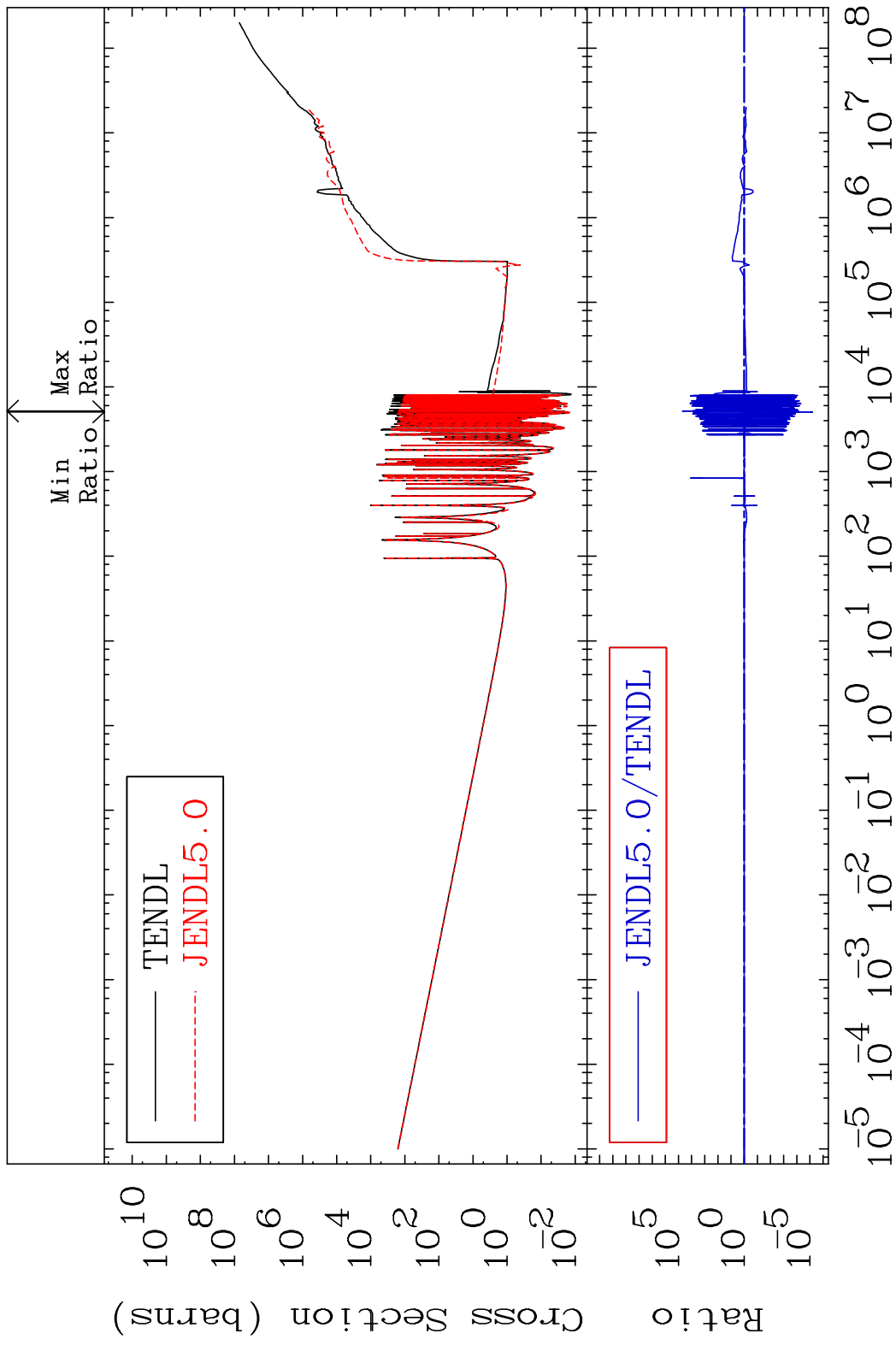
MAT 6043

Kerma elastic
Cross Section

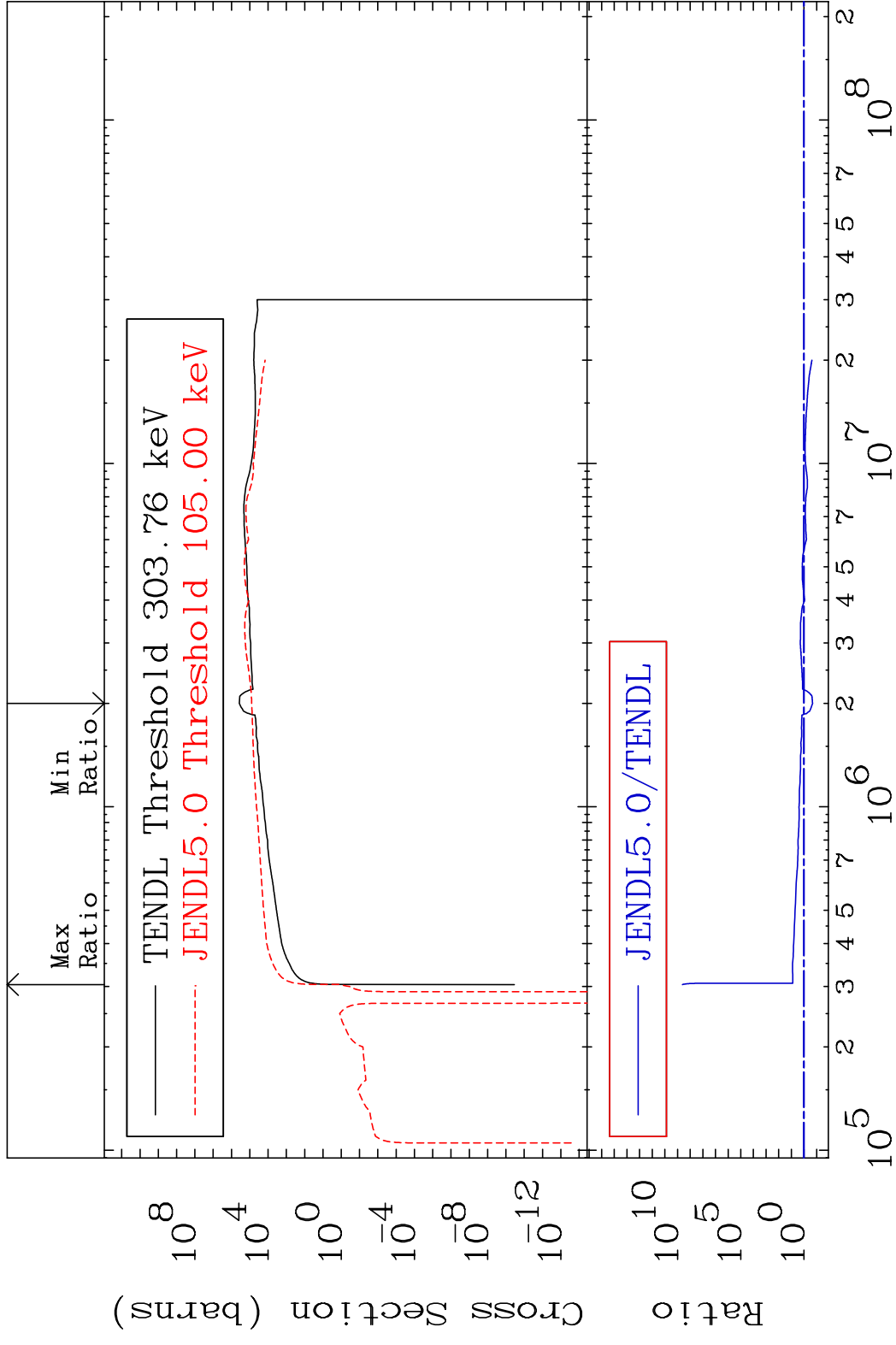
60-Nd-148
-99.99 To 9999. %



MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section -100.0 To 9999. %

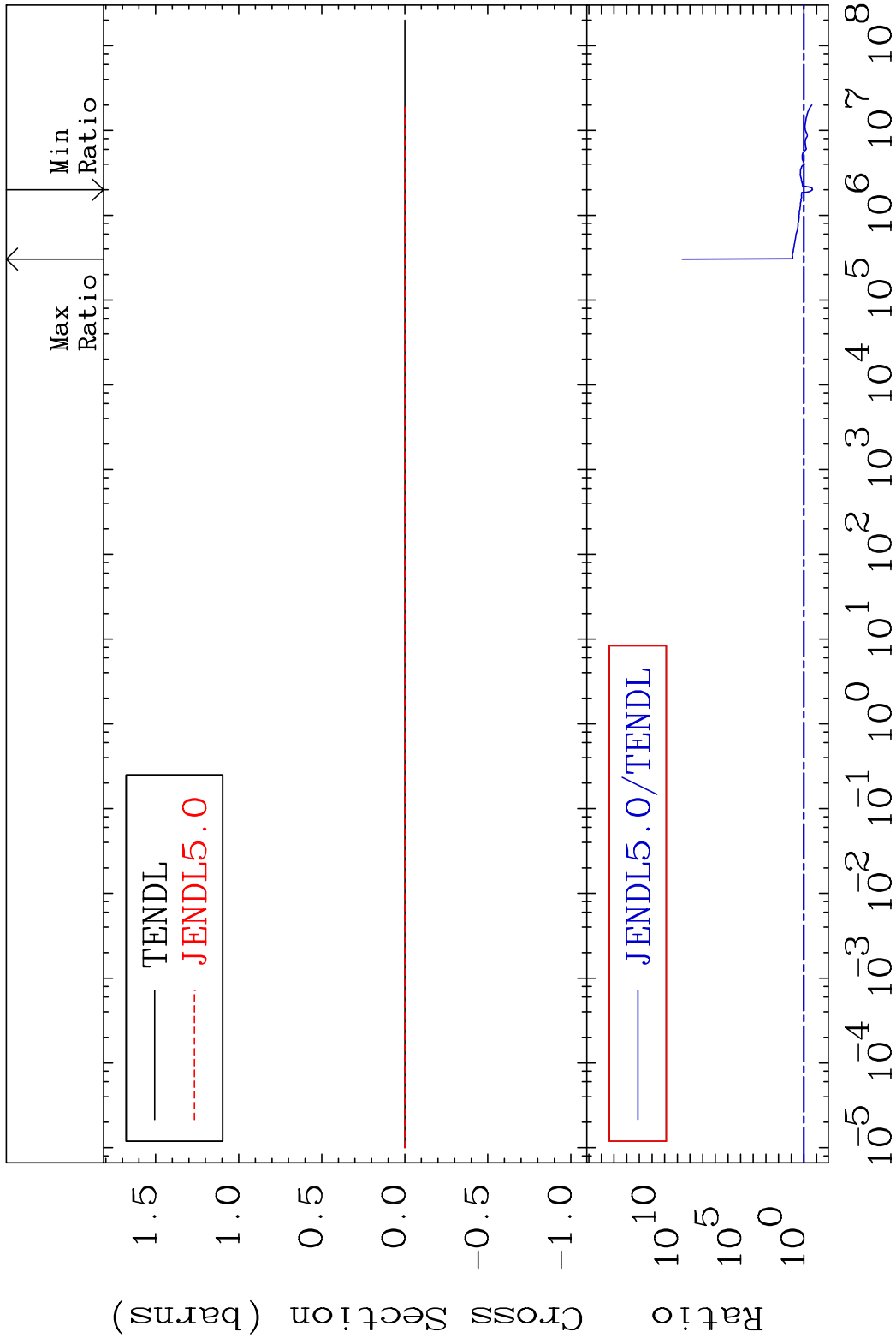


MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section -78.98 To 9999. %

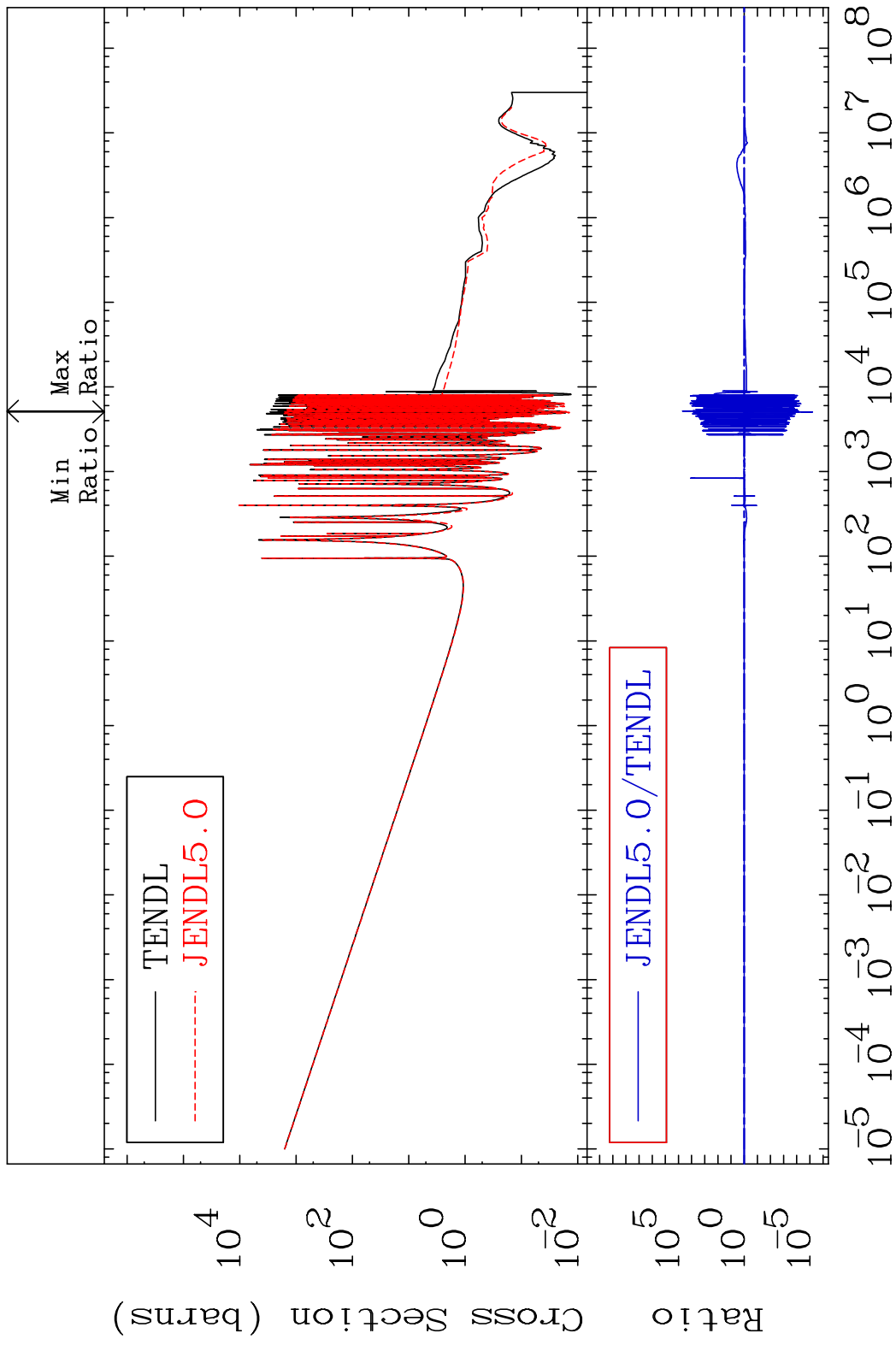


56 Incident Energy (eV) 60-Nd-148

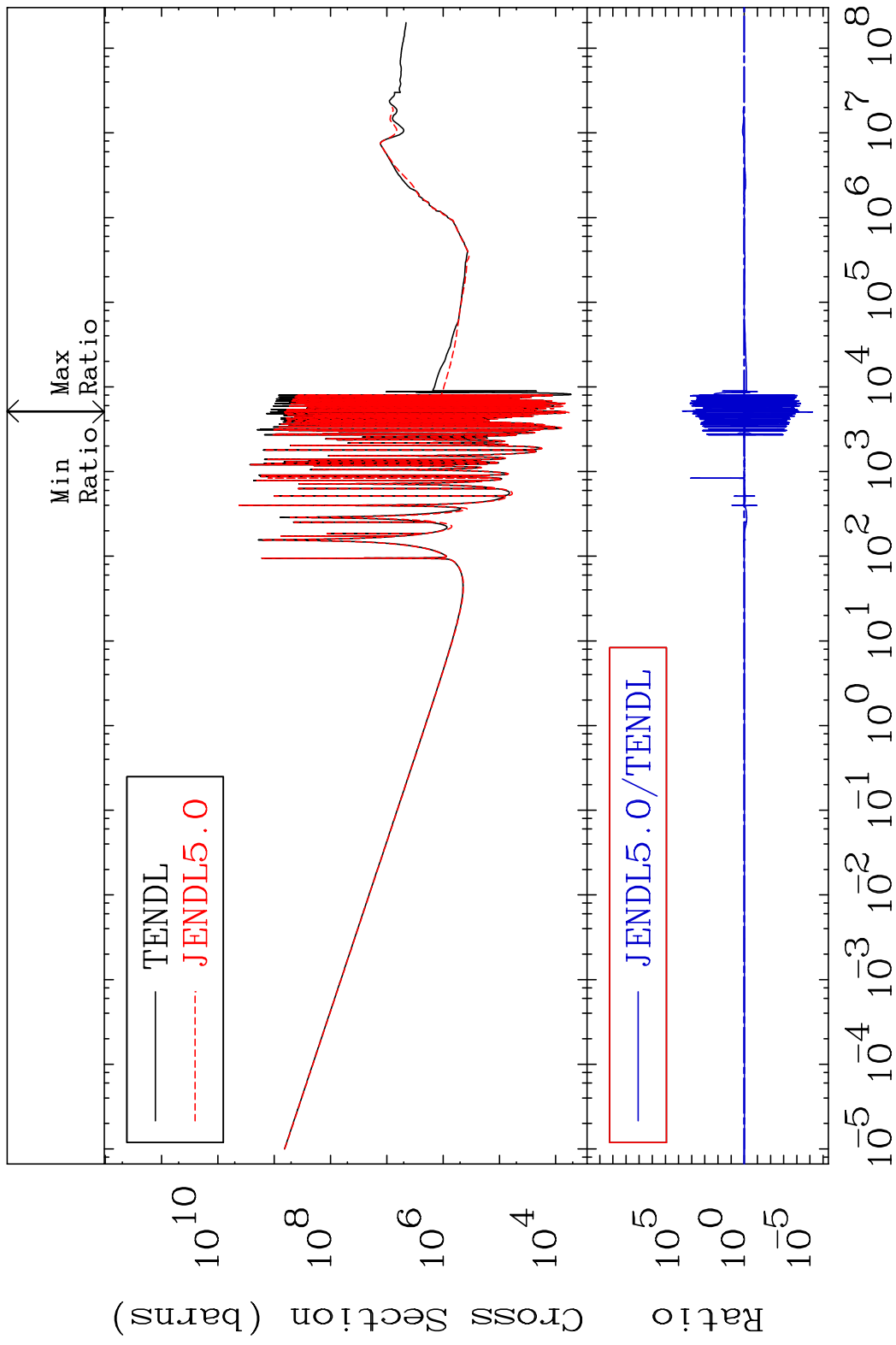
MAT 6043 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-148
 Cross Section -78.98 To 9999. %



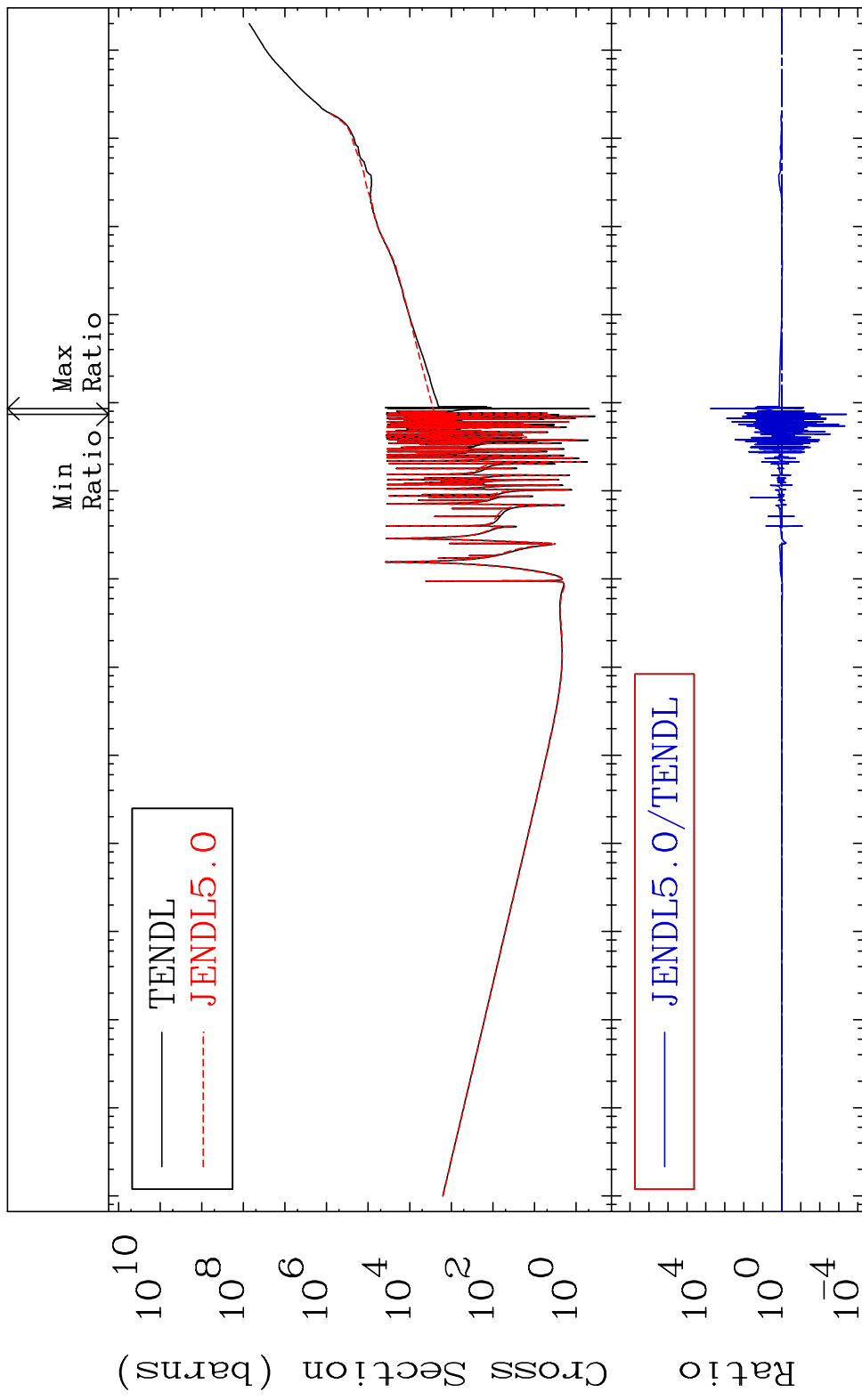
MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section -100.0 To 9999. %



MAT 6043 Total photon (eV-barns) 60-Nd-148
Cross Section -100.0 To 9999. %

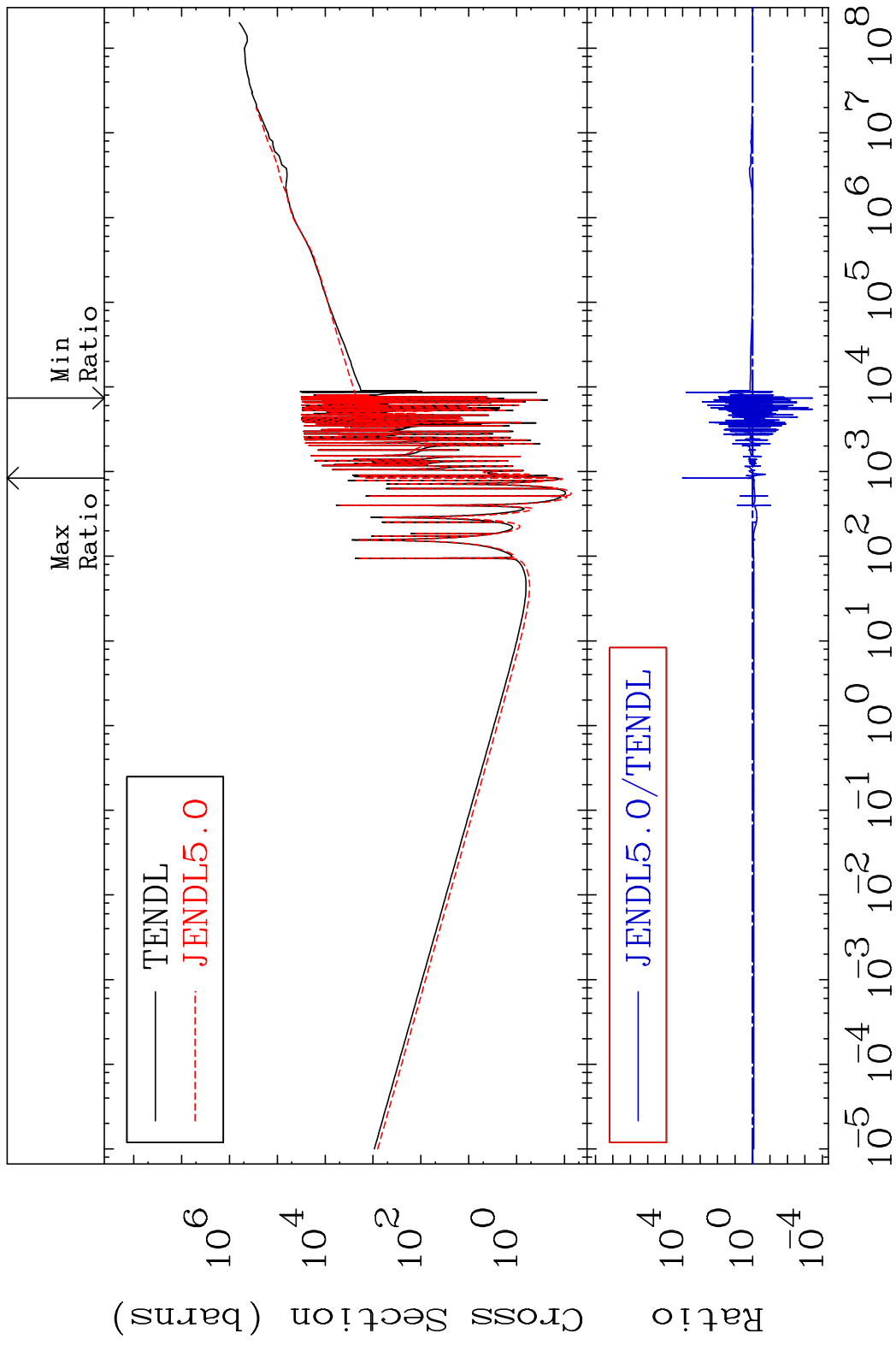


MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
 Cross Section -99.96 To 9999. %



60 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa total (eV-barns) 60-Nd-148
 Cross Section -99.96 To 9999. %



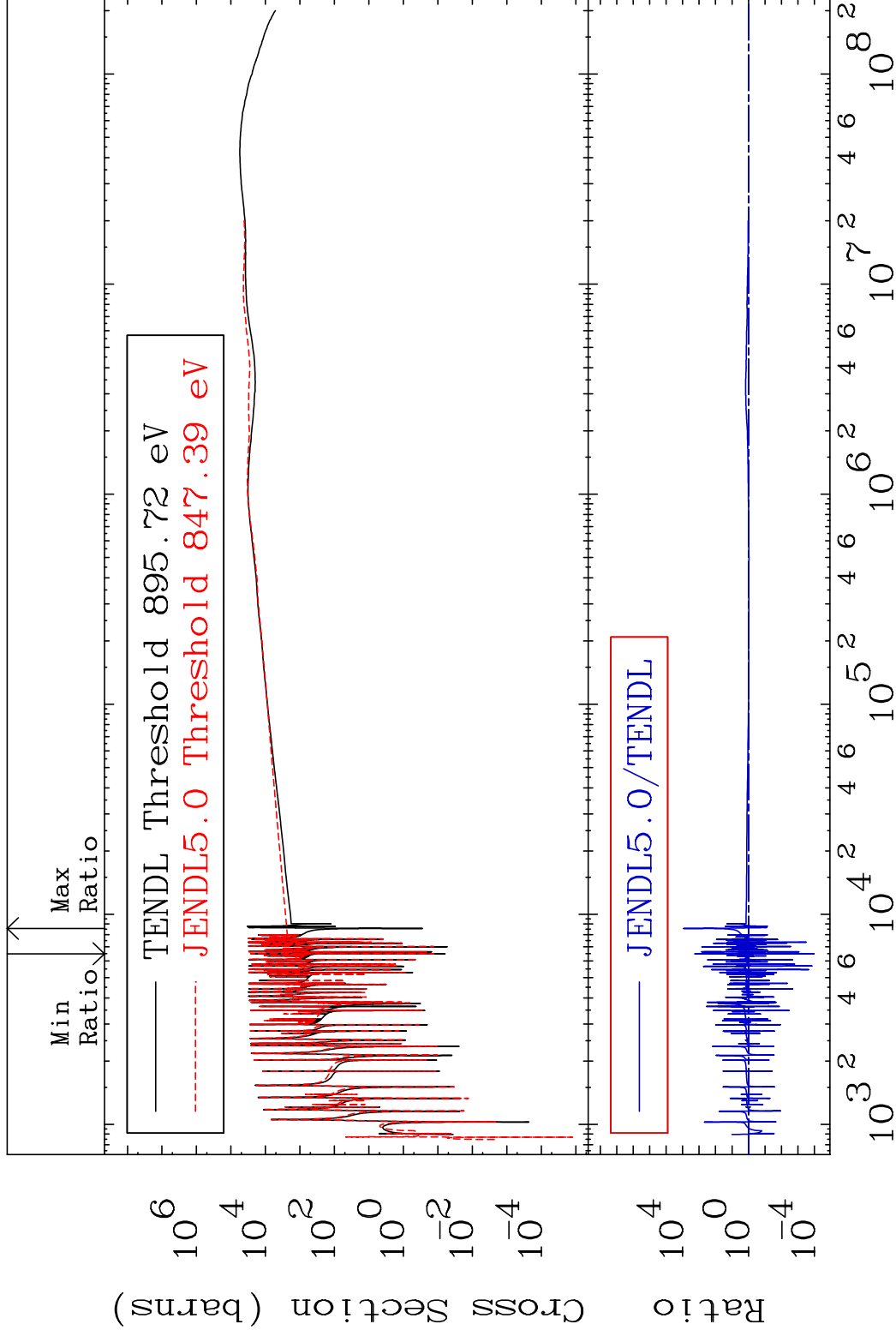
61 Incident Energy (eV) 60-Nd-148

MAT 6043

Dpa elastic (mt2)

60-Nd-148

Cross Section -99.99 To 9999. %

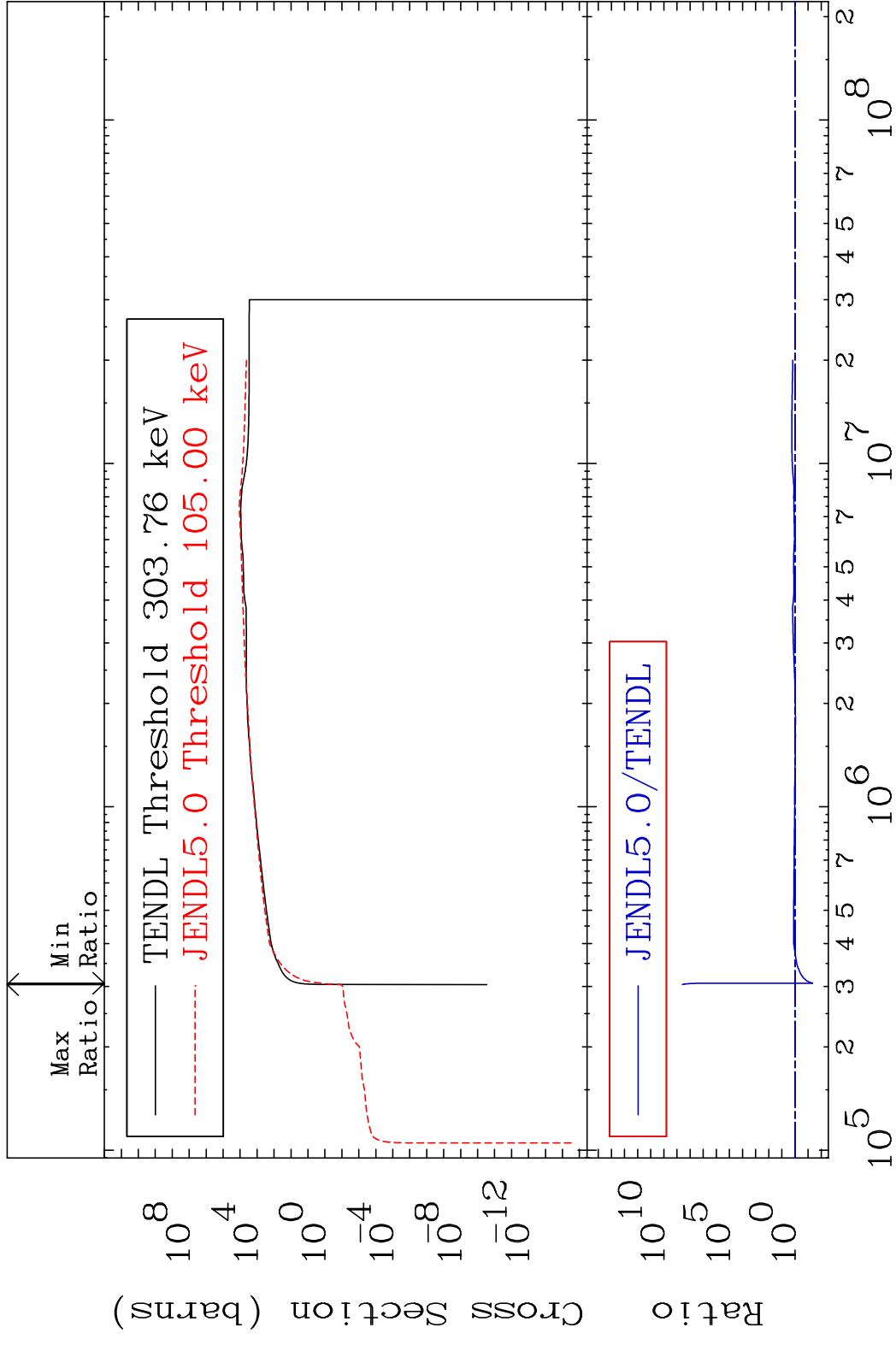


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Incident Energy (eV)

60-Nd-148

MAT 6043 Dpa inelastic (mt51-91) 60-Nd-148
 Cross Section -95.46 To 9999. %



63 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -100.0 To 9999. %

