

Program Complot
(Version 2018-1)

by

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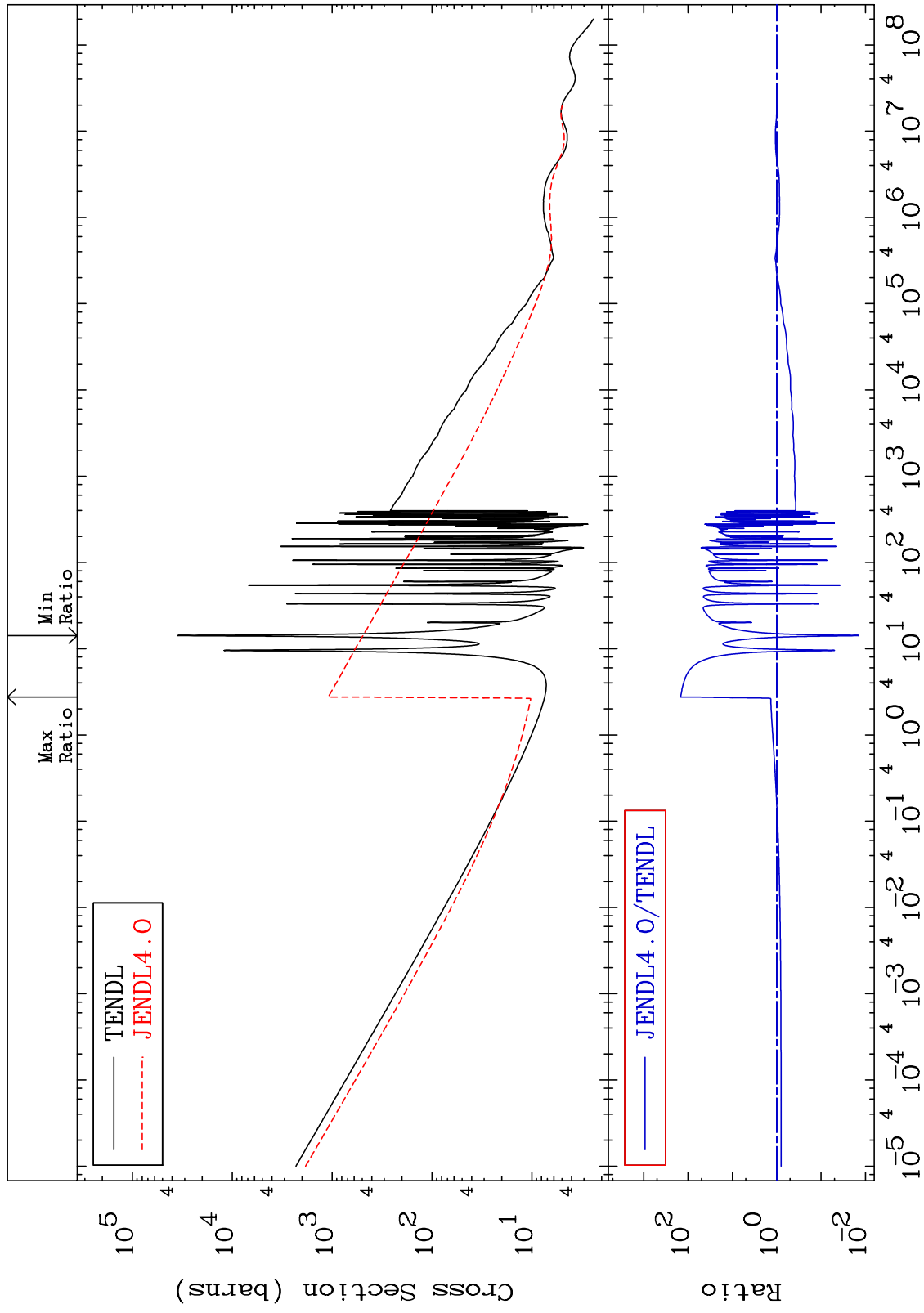
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6619

Total
Cross Section

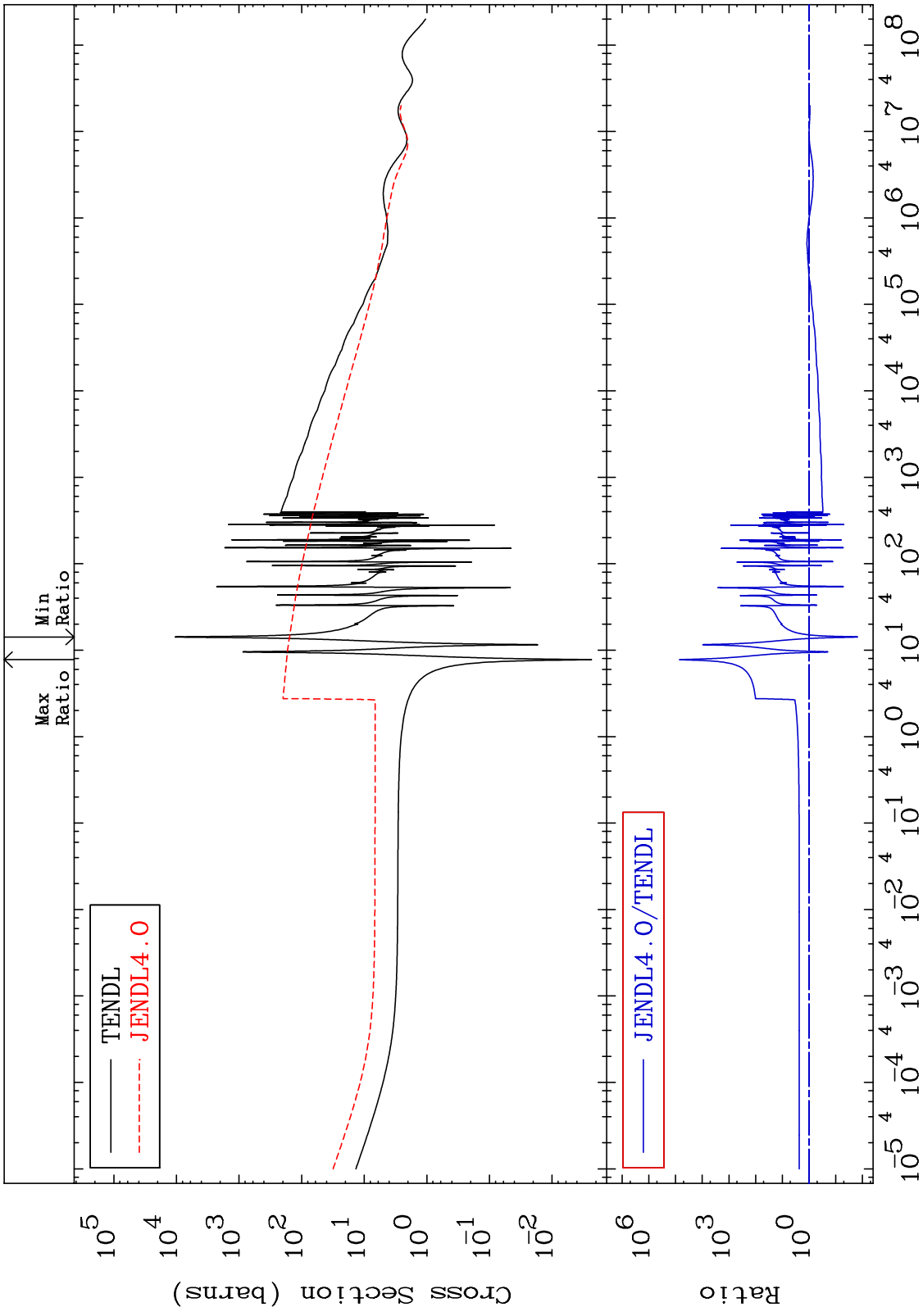
66-Dy-154
-98.60 To 9999. %



1

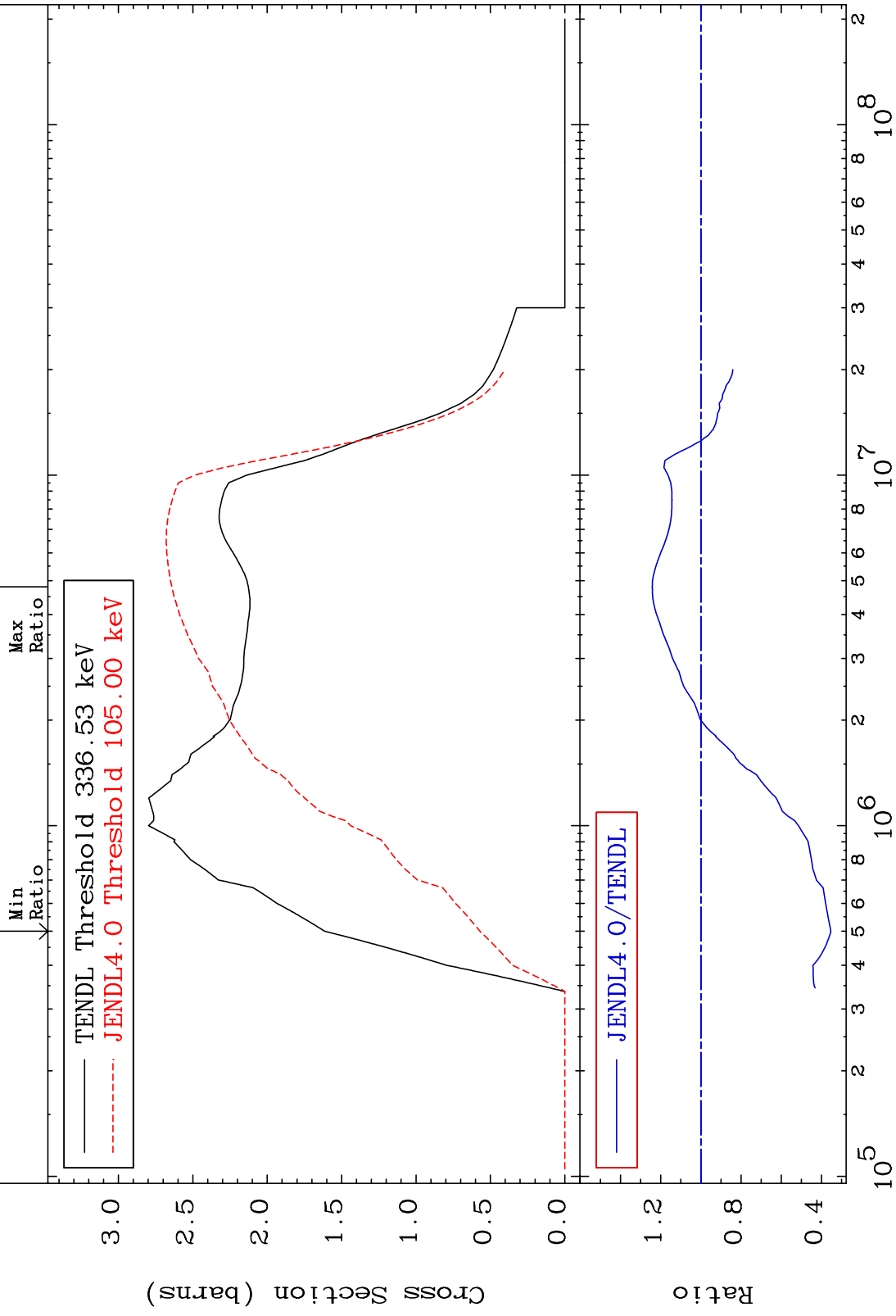
66-Dy-154

MAT 6619 Elastic Cross Section 66-Dy-154 -98.52 To 9999. %



MAT 6619 66-Dy-154 -64.65 To 24.18 %

Inelastic Cross Section

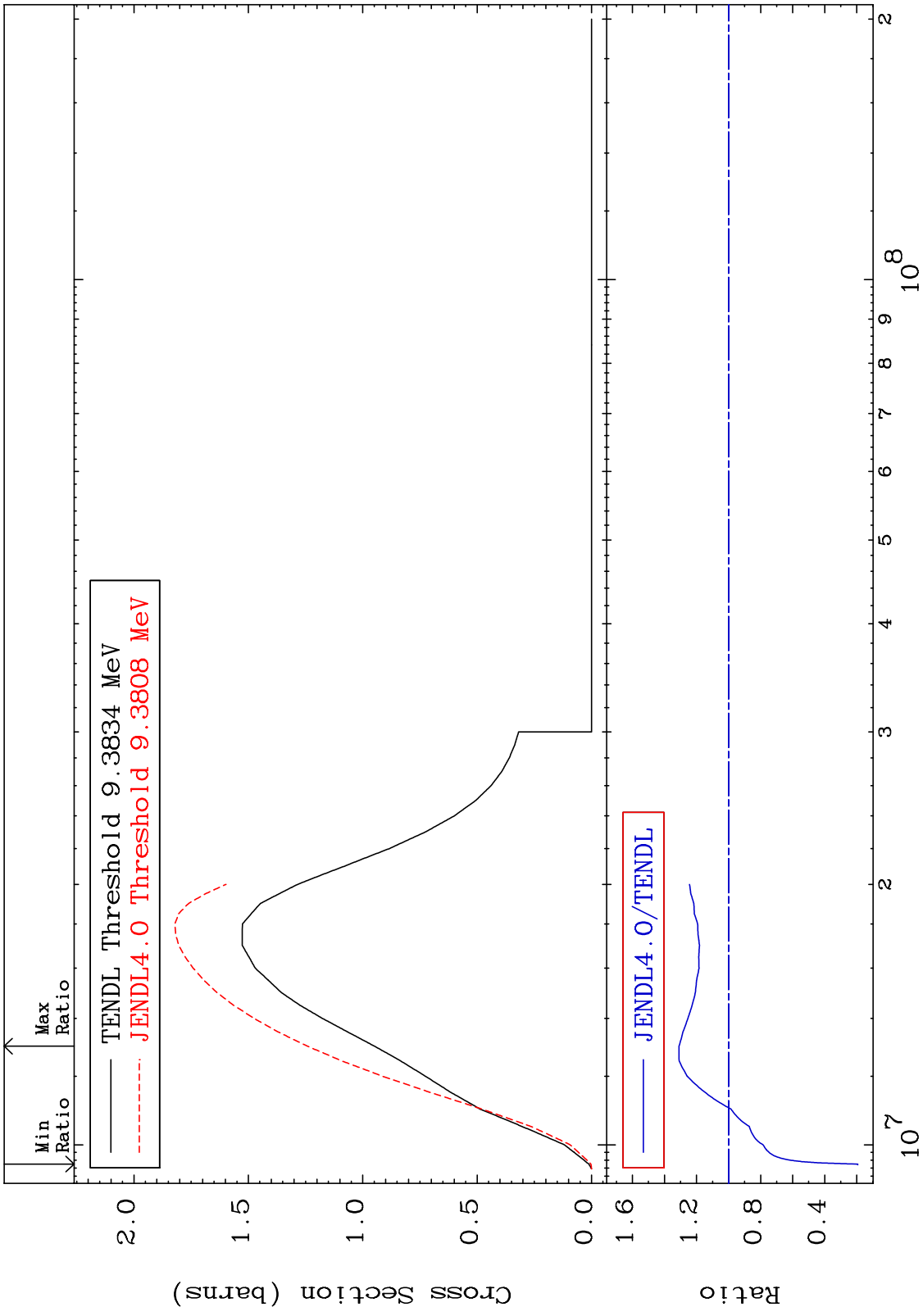


66-Dy-154

Incident Energy (eV)

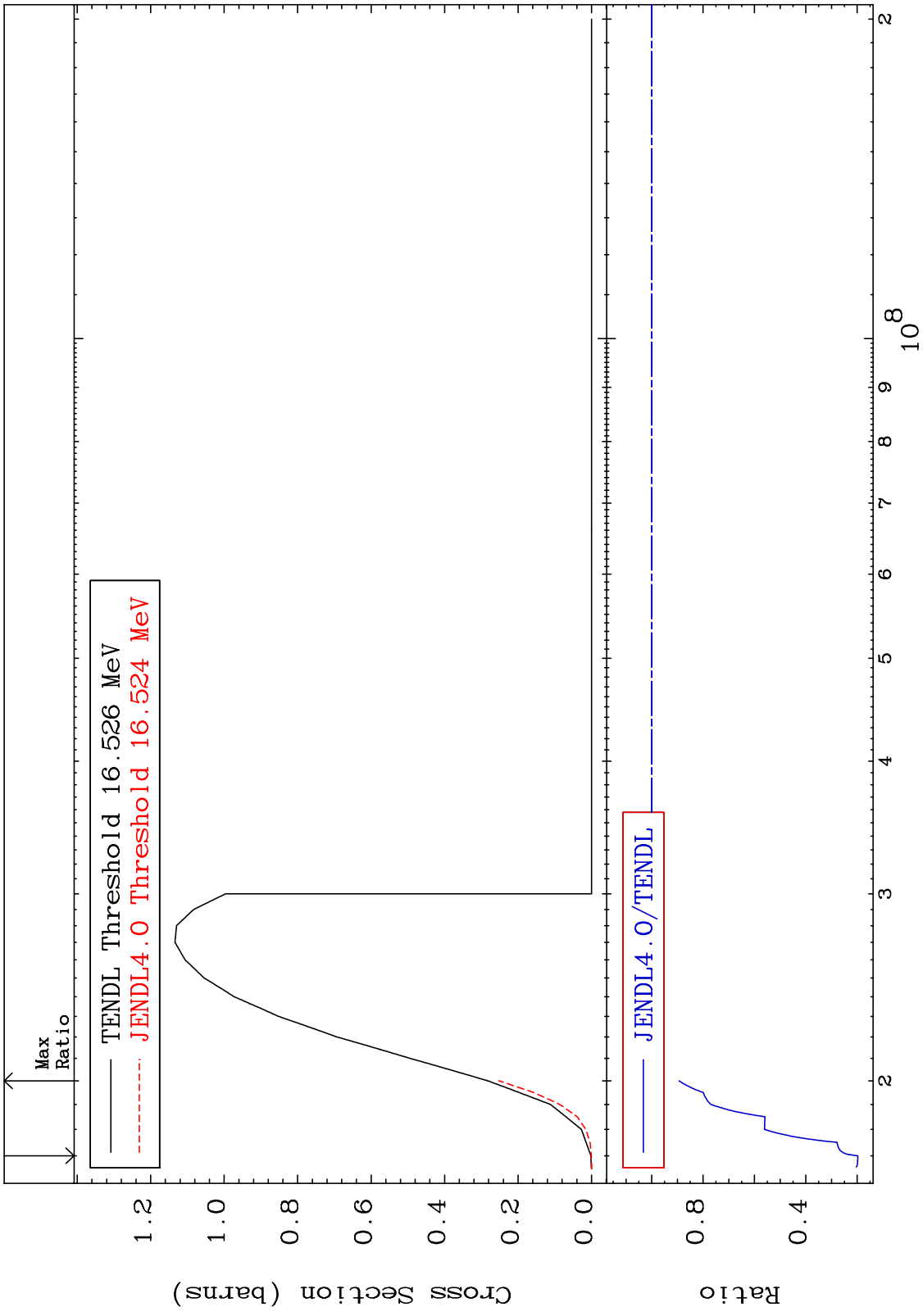
3

MAT 6619 (n,2n) Cross Section 66-Dy-154 -80.65 To 30.91 %



4 66-Dy-154

MAT 6619 (n,3n) Cross Section 66-Dy-154 -80.23 To -10.65%



5 Incident Energy (eV) 66-Dy-154

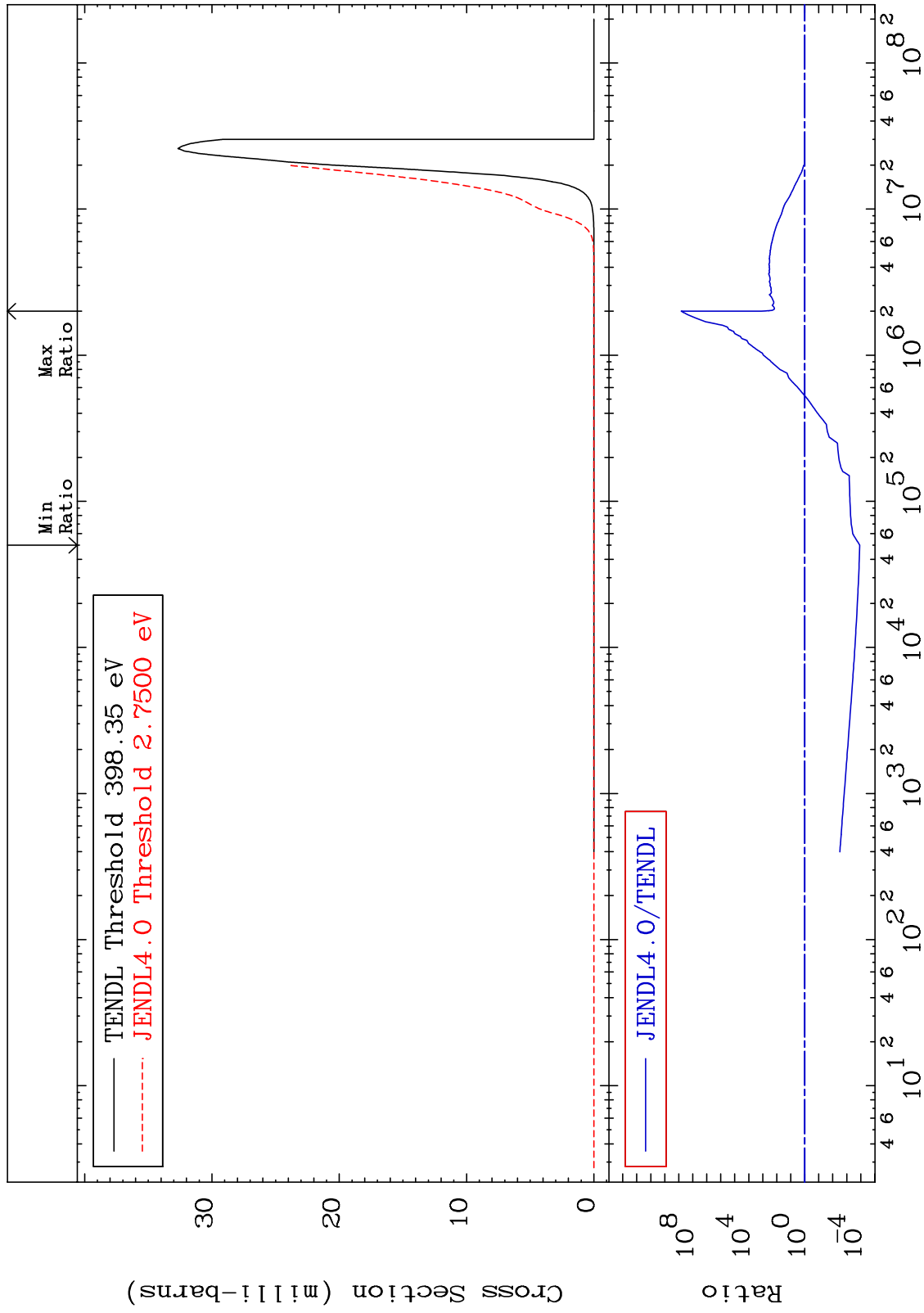
MAT 6619

(n, n') α

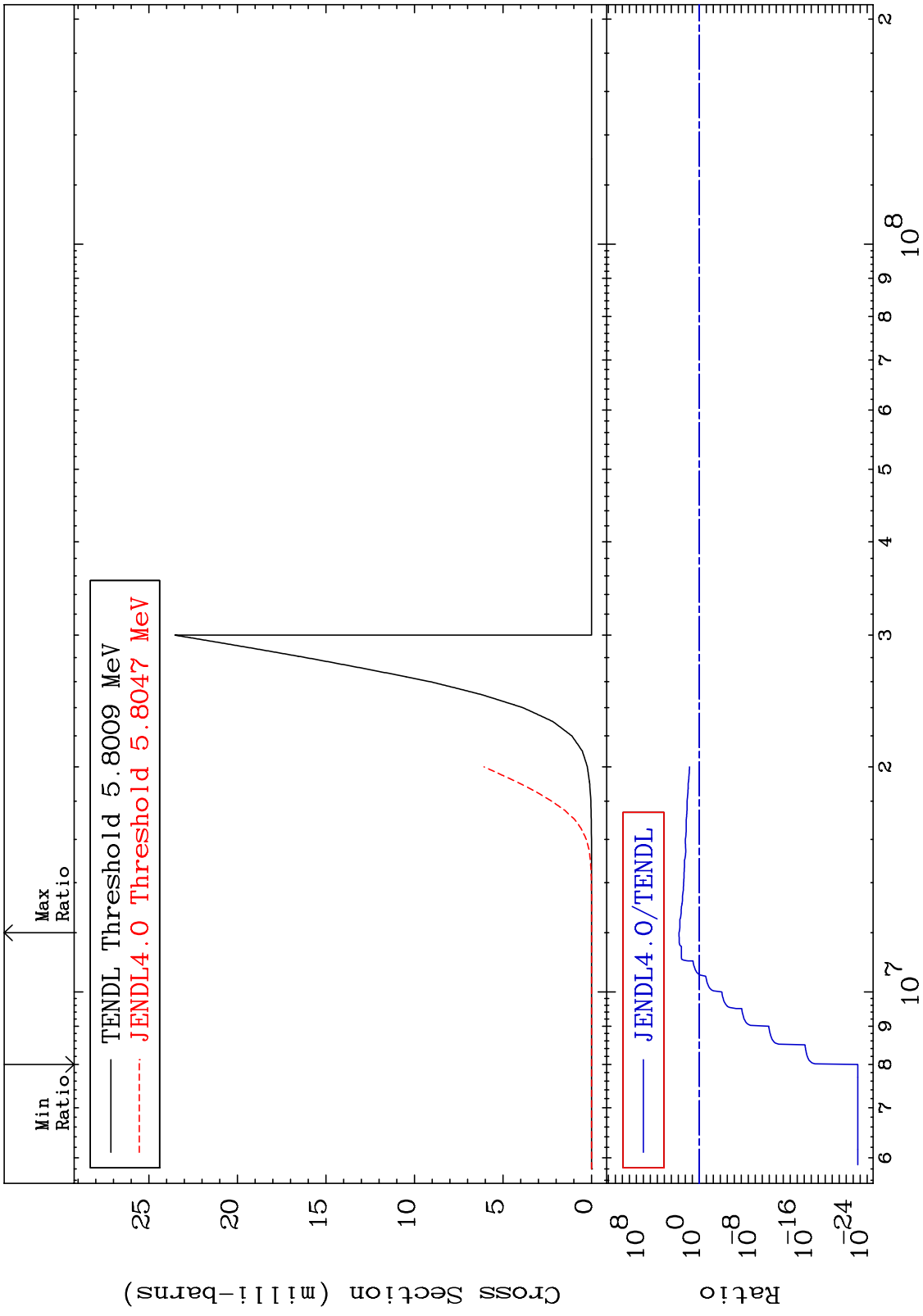
66-Dy-154

Cross Section

-99.99 To 9999. %

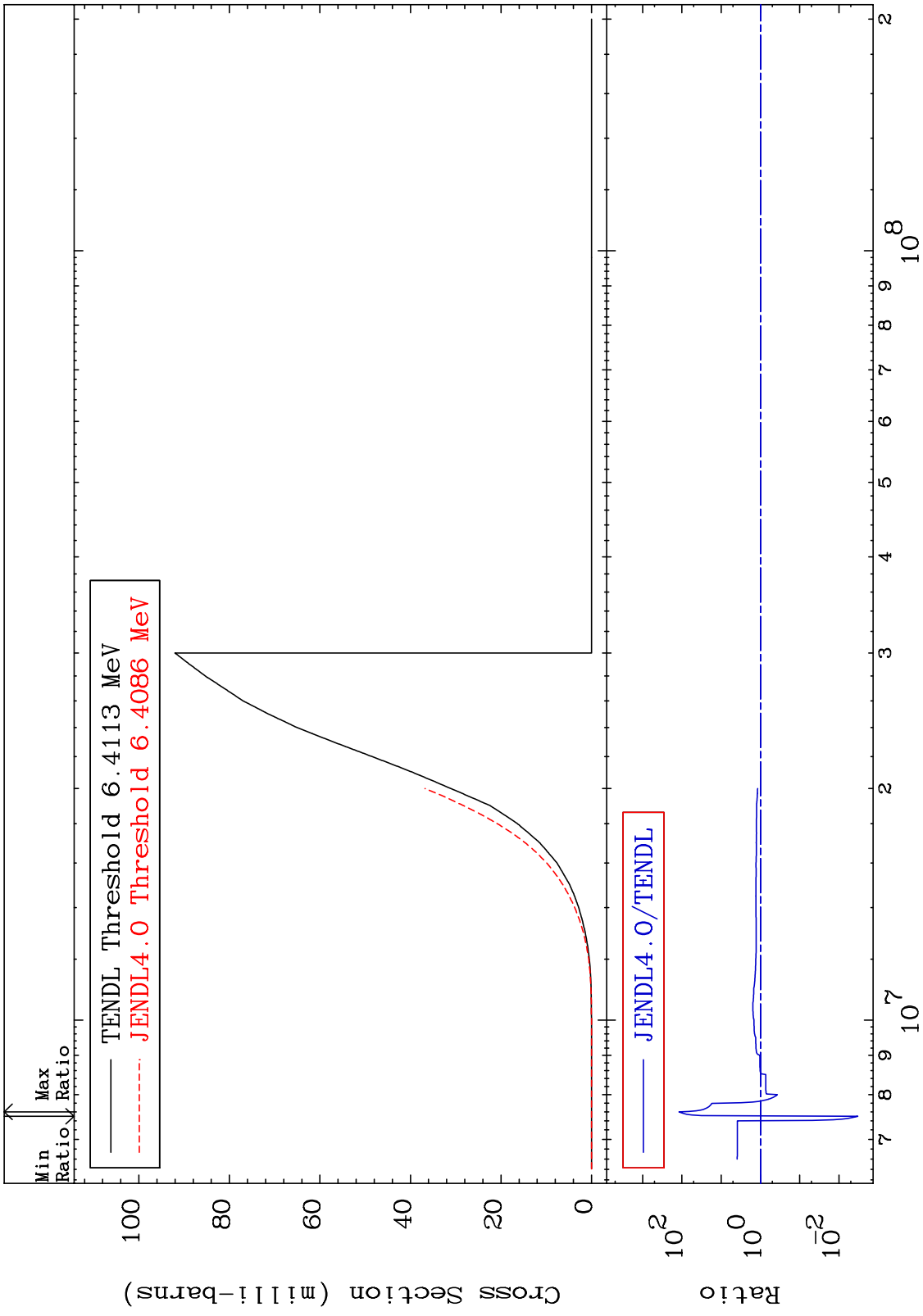


MAT 6619 $(n, 2n) \alpha$ 66-Dy-154
 Cross Section -100.0 To 9999. %



7 66-Dy-154

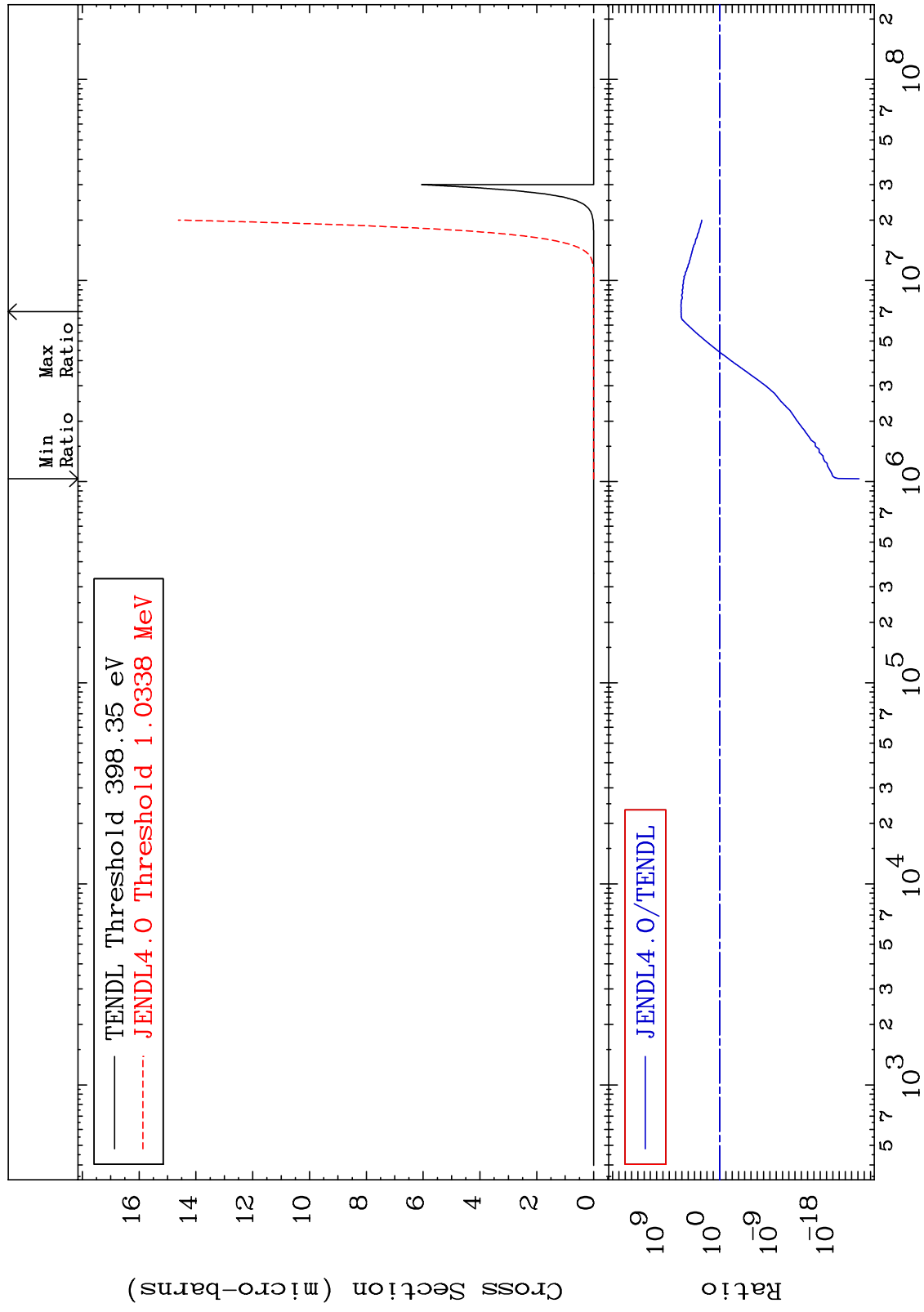
MAT 6619 (n, n') p 66-Dy-154
 Cross Section -99.67 To 9999. %



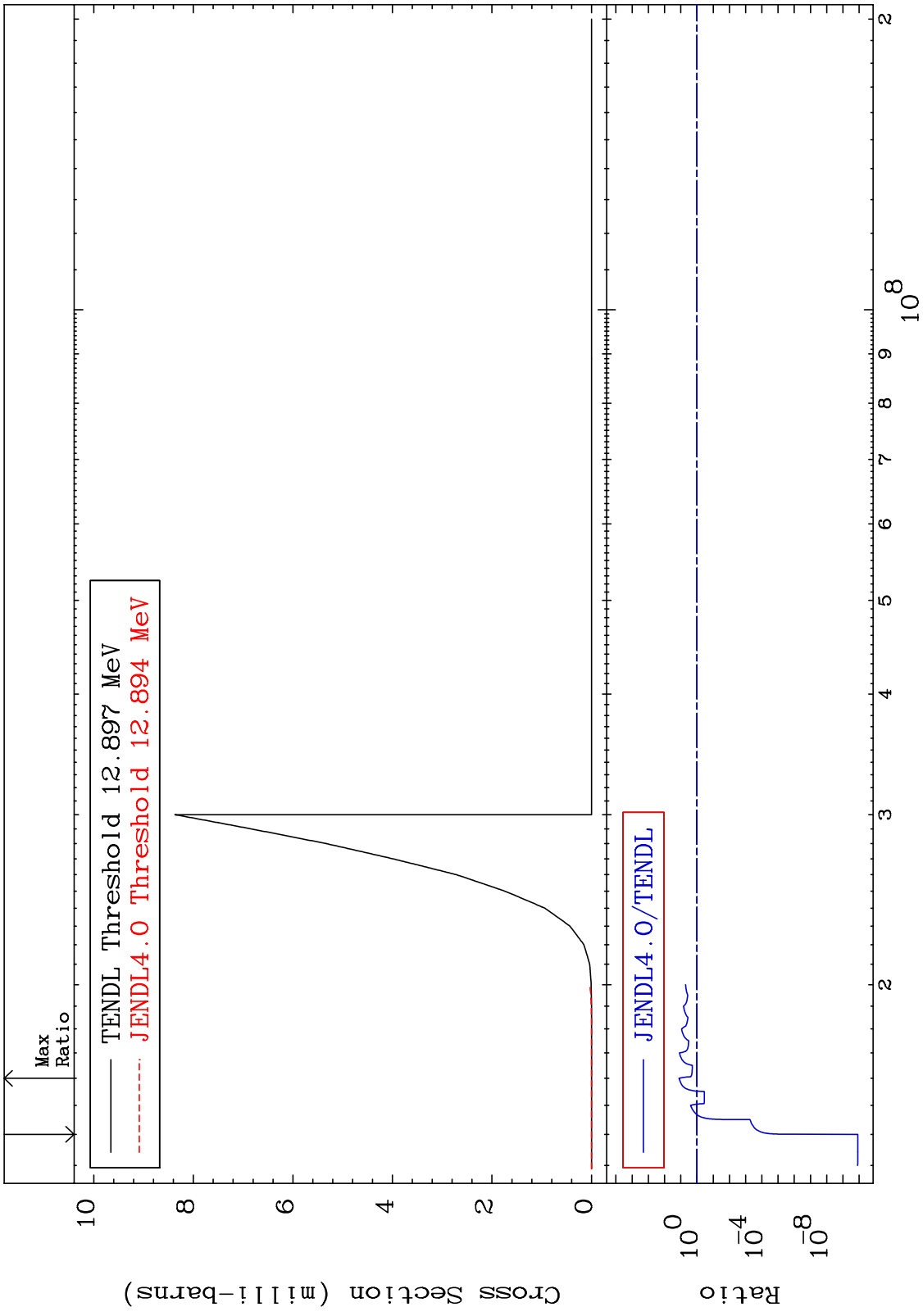
MAT 6619

(n,n') 2α
Cross Section

66-Dy-154
-100.0 To 9999. %

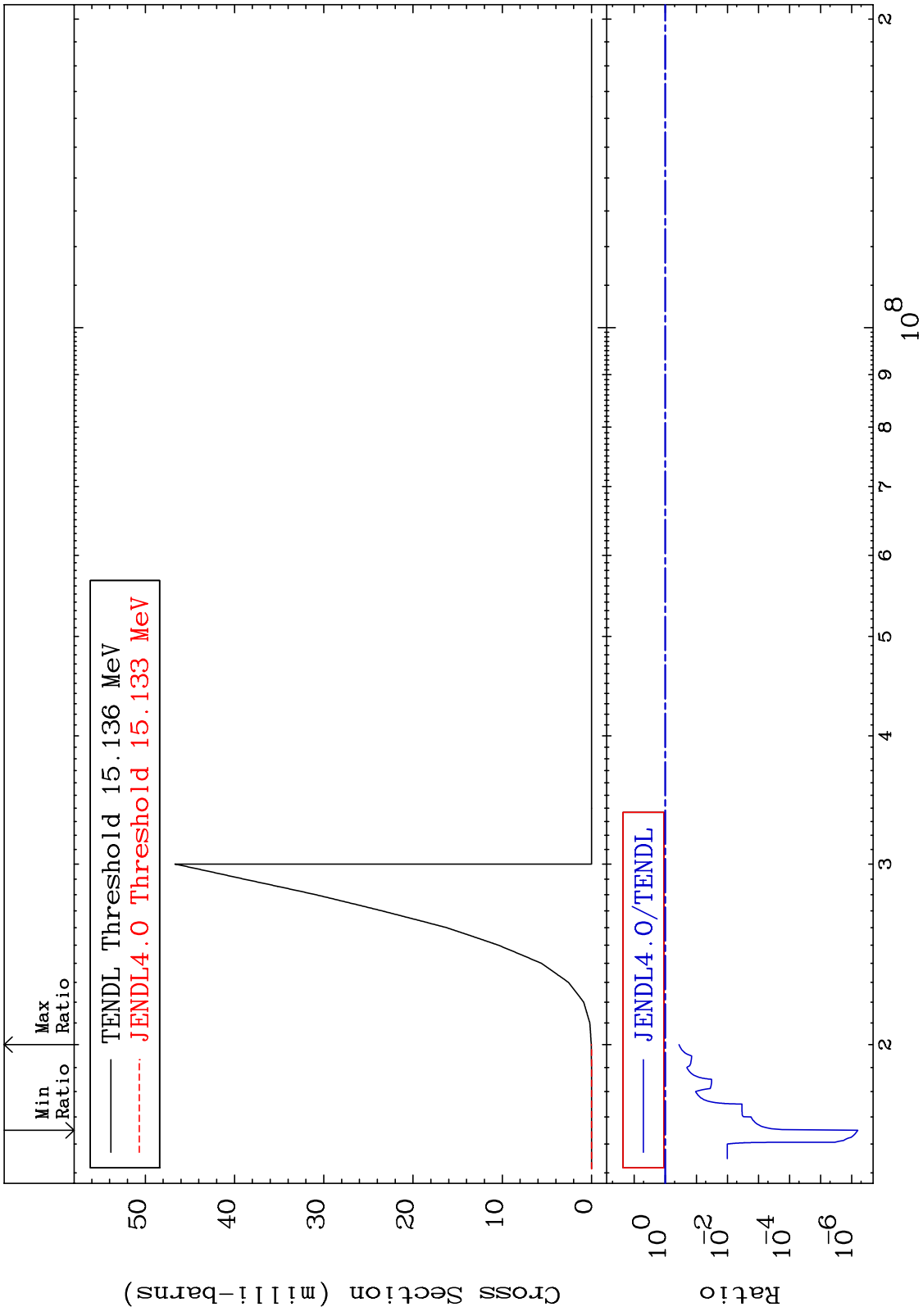


MAT 6619 (n,n') d 66-Dy-154
 Cross Section -100.0 To 1176. %

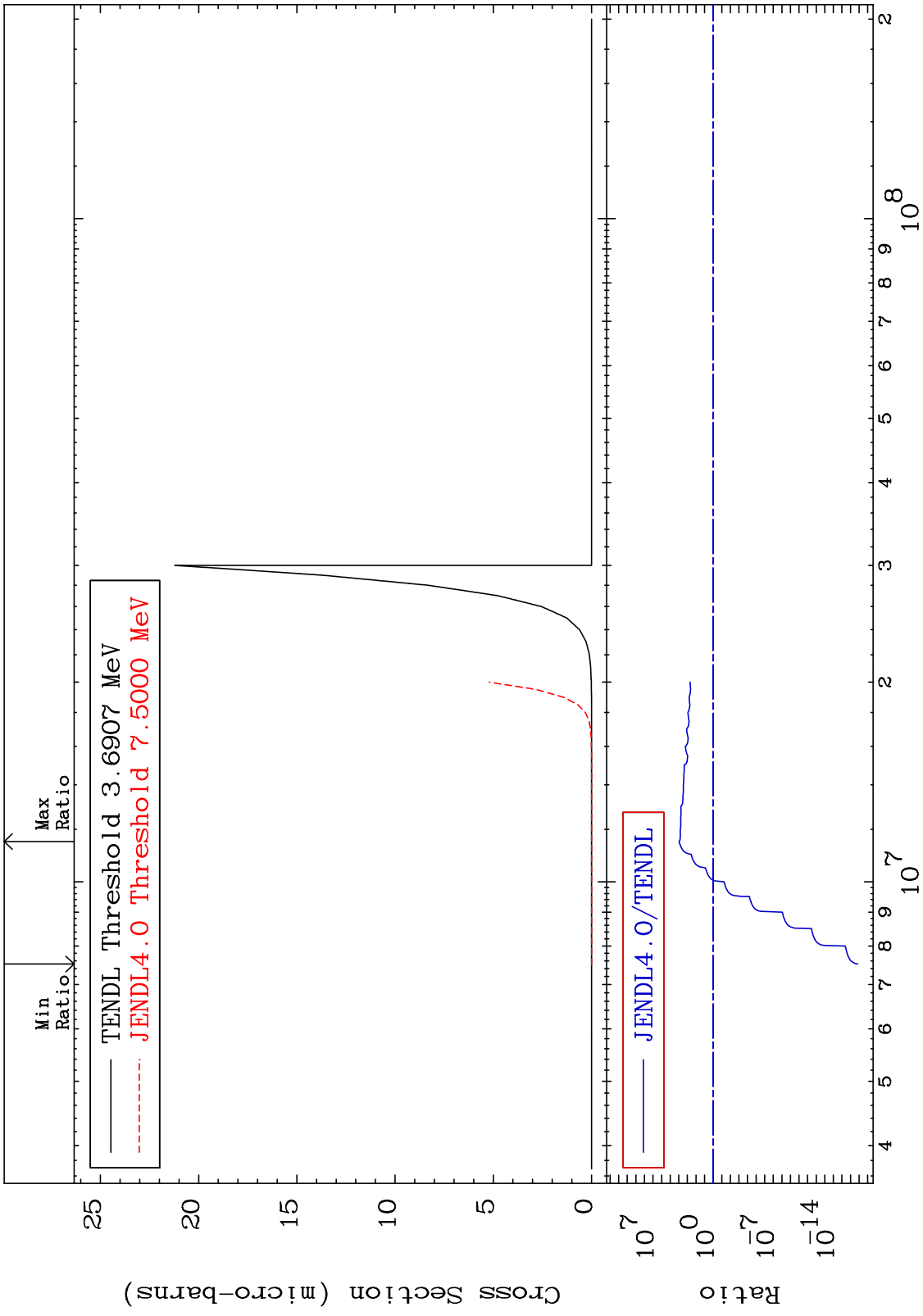


10 66-Dy-154

MAT 6619 (n,2n) p 66-Dy-154
 Cross Section -100.0 To -63.93%

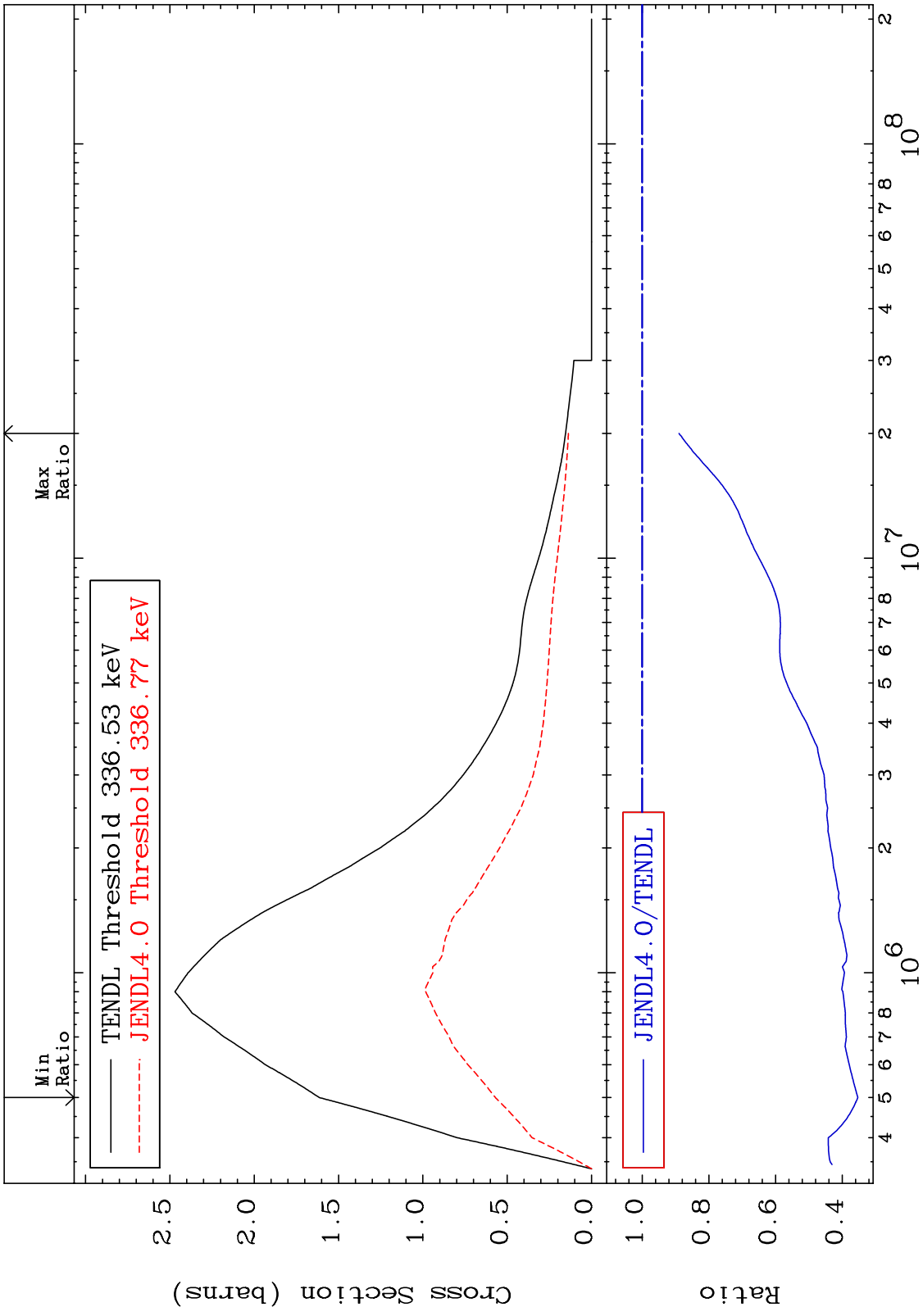


MAT 6619 (n, n') p α 66-Dy-154
 Cross Section -100.0 To 9999. %

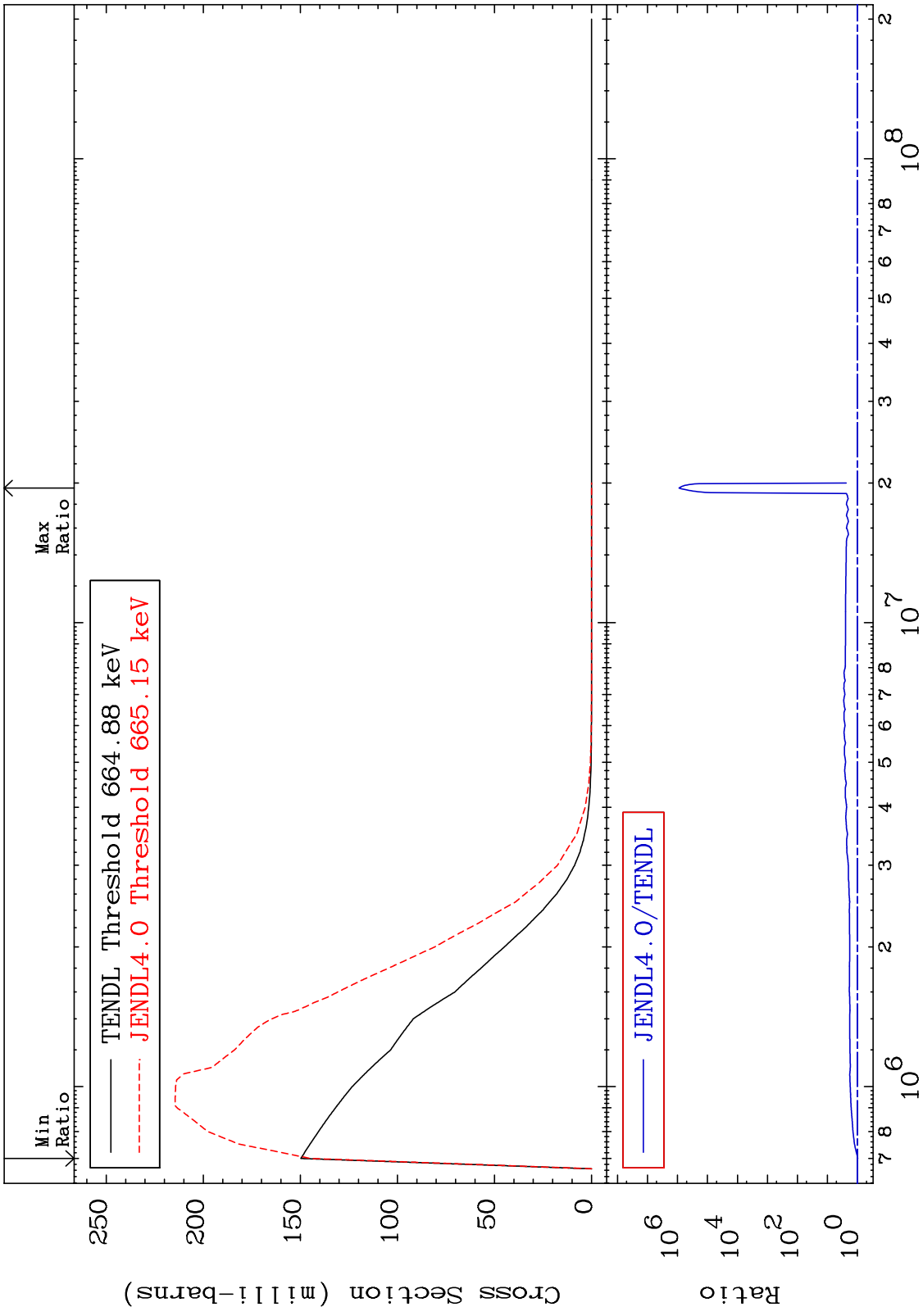


12 Incident Energy (eV) 66-Dy-154

MAT 6619 MT= 51 (n,n') Level Cross Section 66-Dy-154 -64.68 To -11.06%

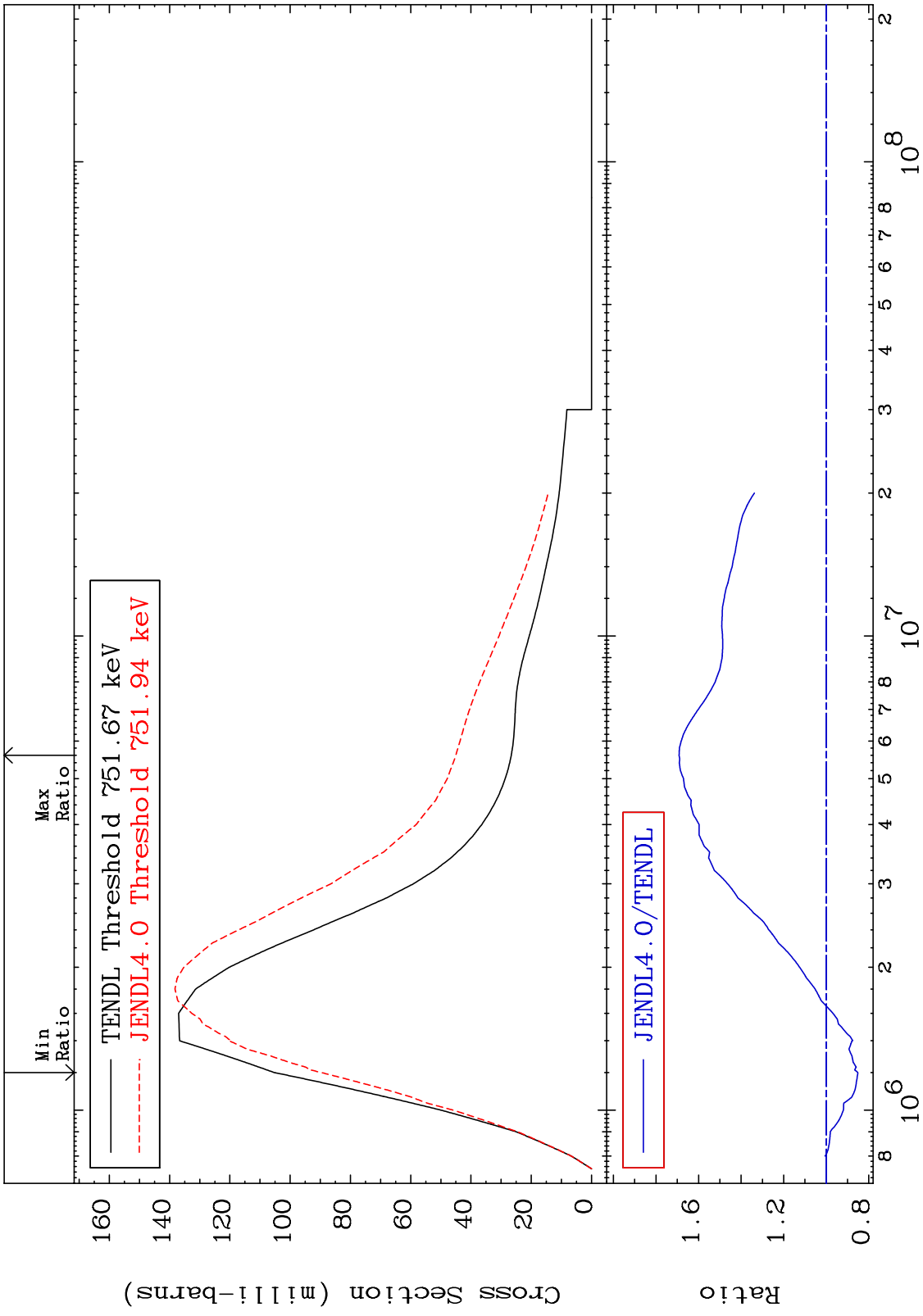


MAT 6619 MT= 52 (n,n') Level Cross Section 66-Dy-154
 -3.199 To 9999. %



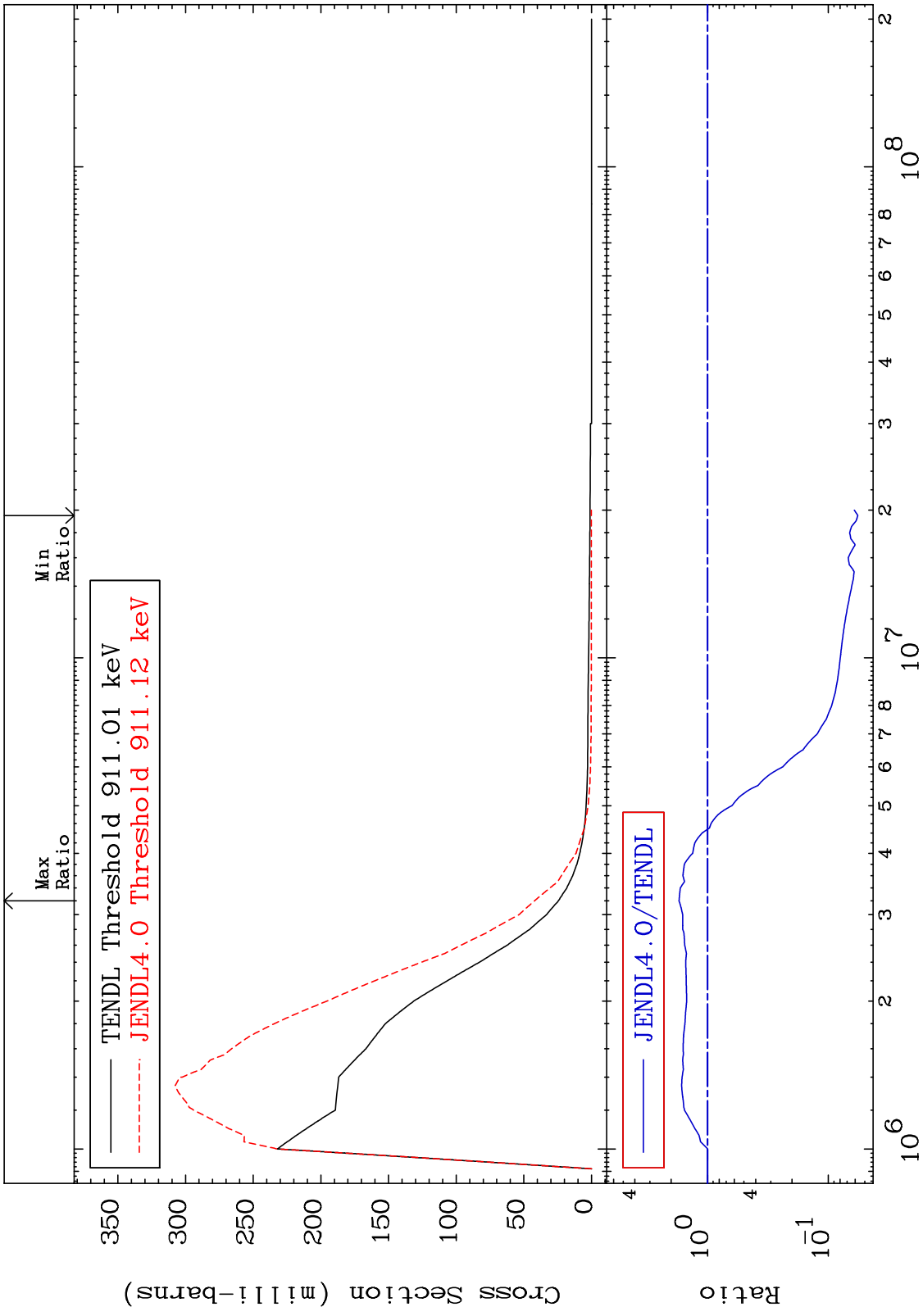
Incident Energy (eV) 66-Dy-154

MAT 6619 MT= 53 (n,n') Level Cross Section 66-Dy-154
 -14.84 To 69.16 %



15 66-Dy-154

MAT 6619 MT= 54 (n,n') Level Cross Section 66-Dy-154
-94.30 To 72.23 %

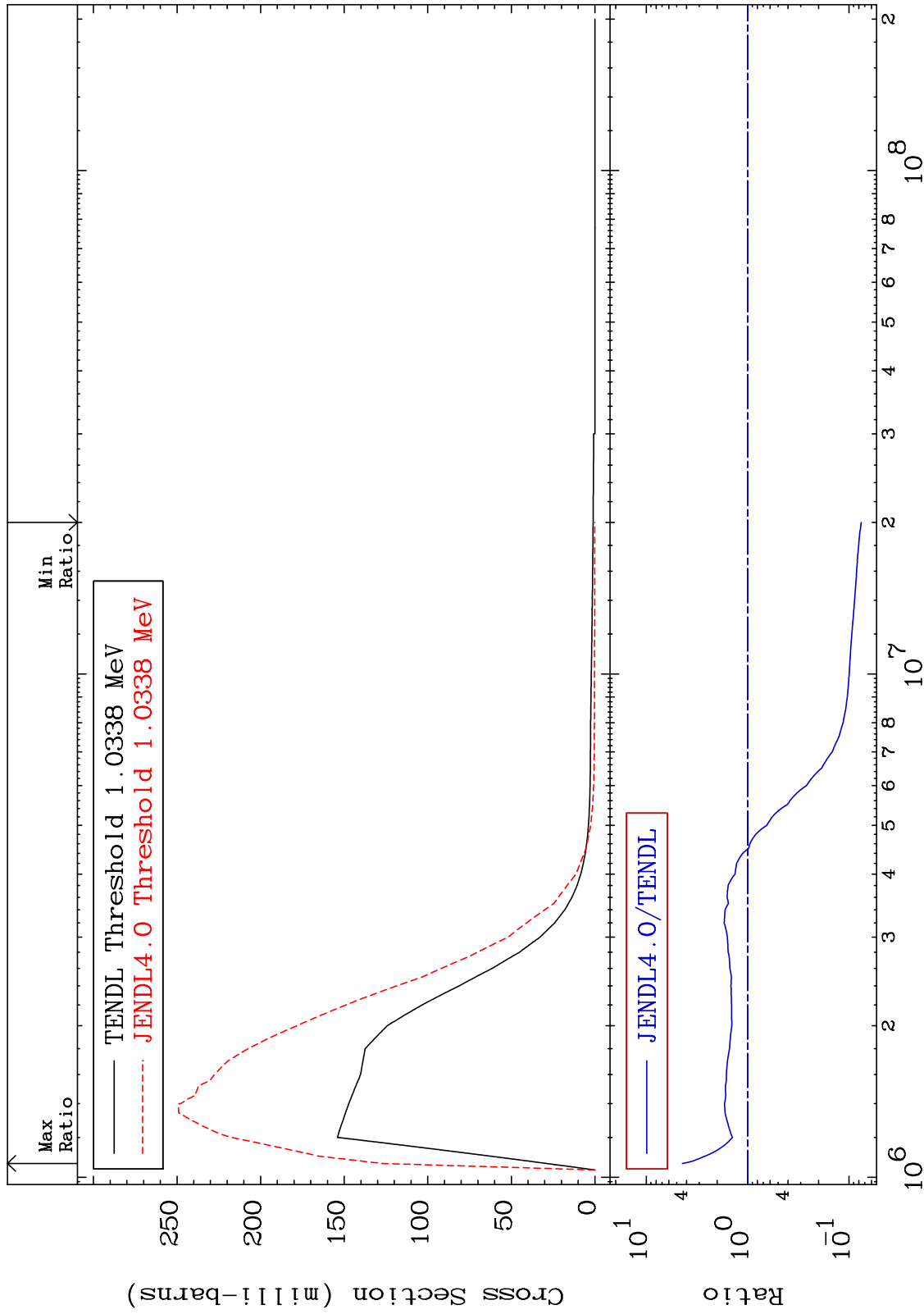


16 Incident Energy (eV) 66-Dy-154

MAT 6619

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

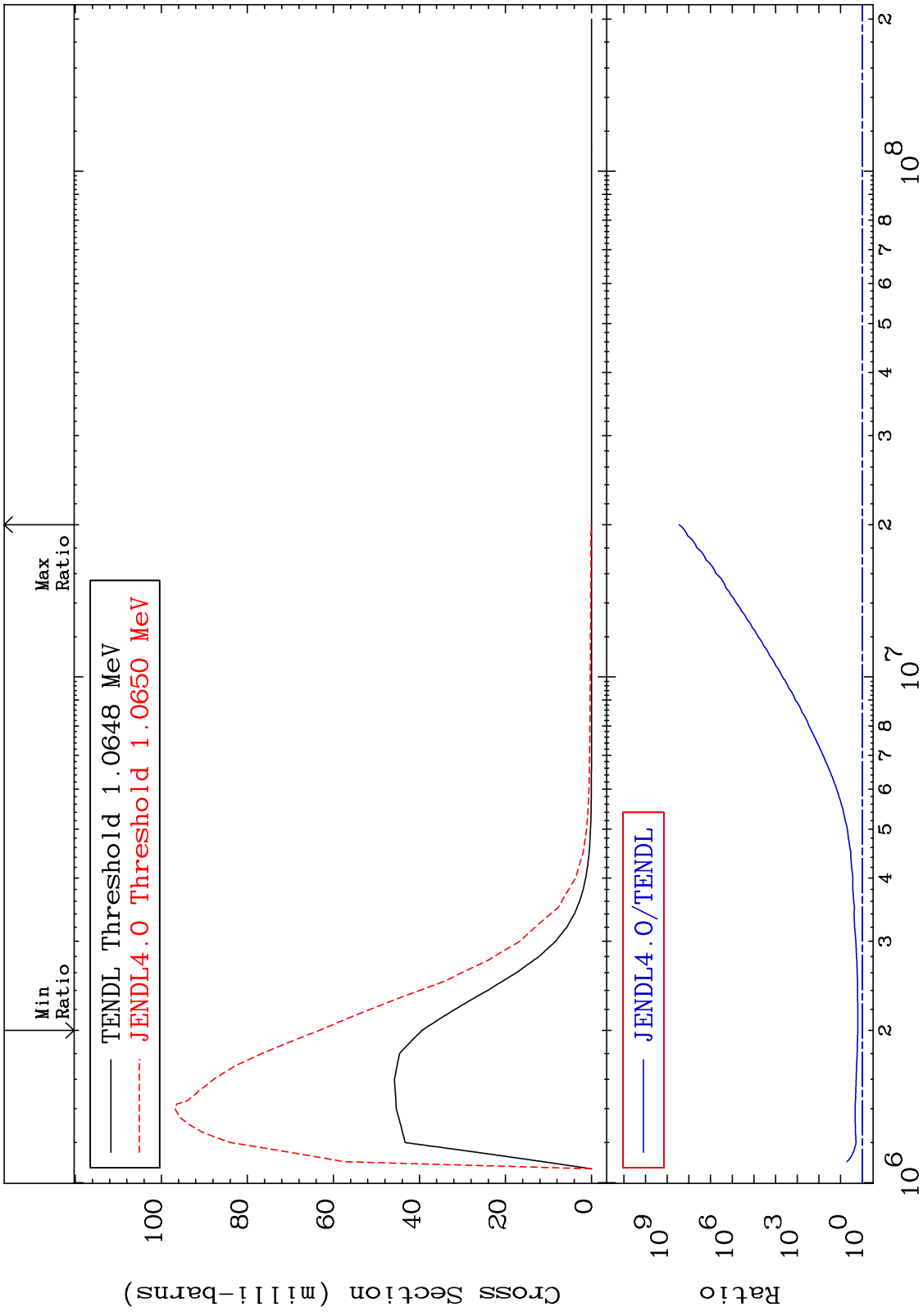
66-Dy-154
-92.43 To 339.4 %



17

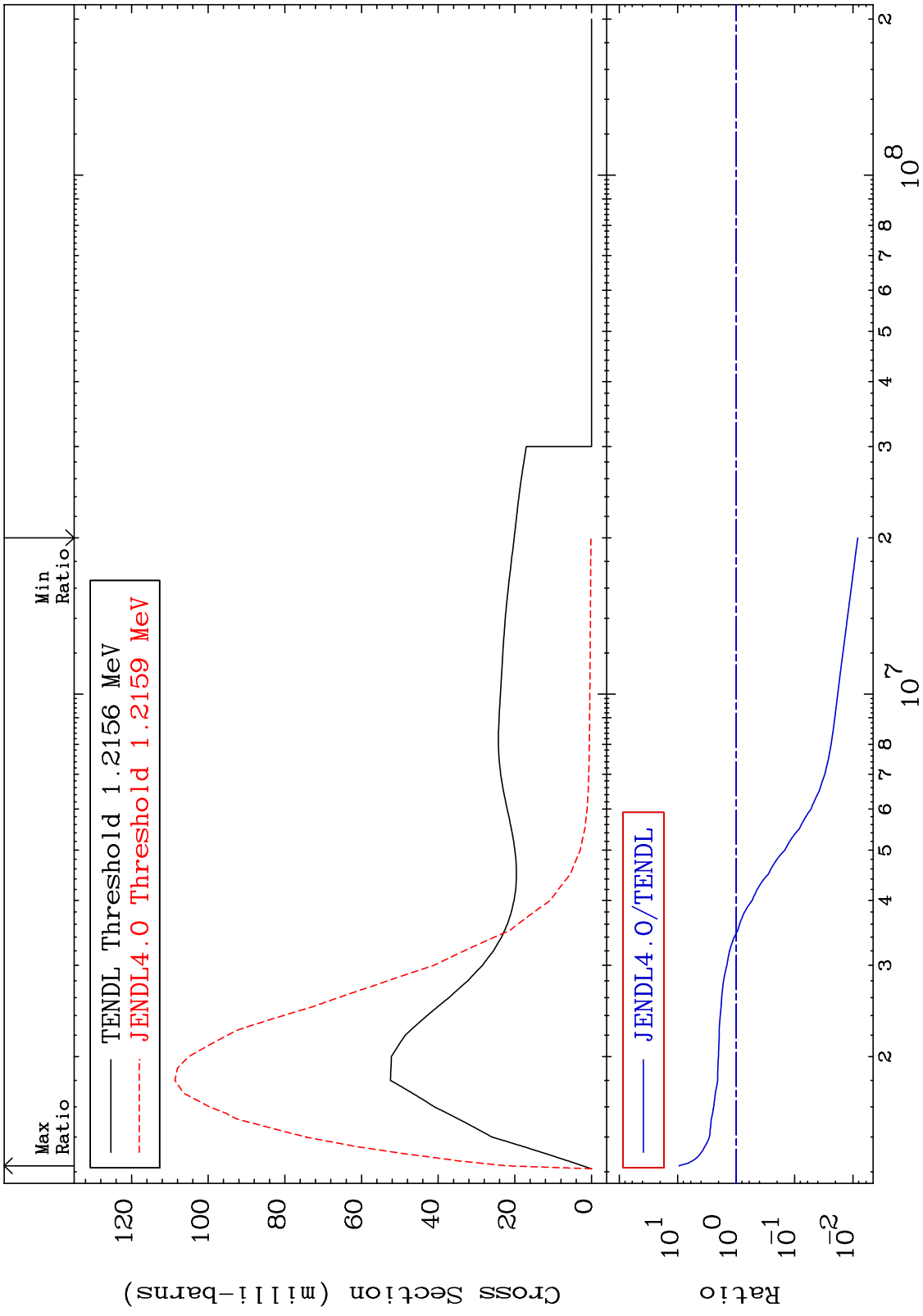
66-Dy-154

MAT 6619 MT= 56 (n,n') Level Cross Section 66-Dy-154 To 9999. %
 60.50

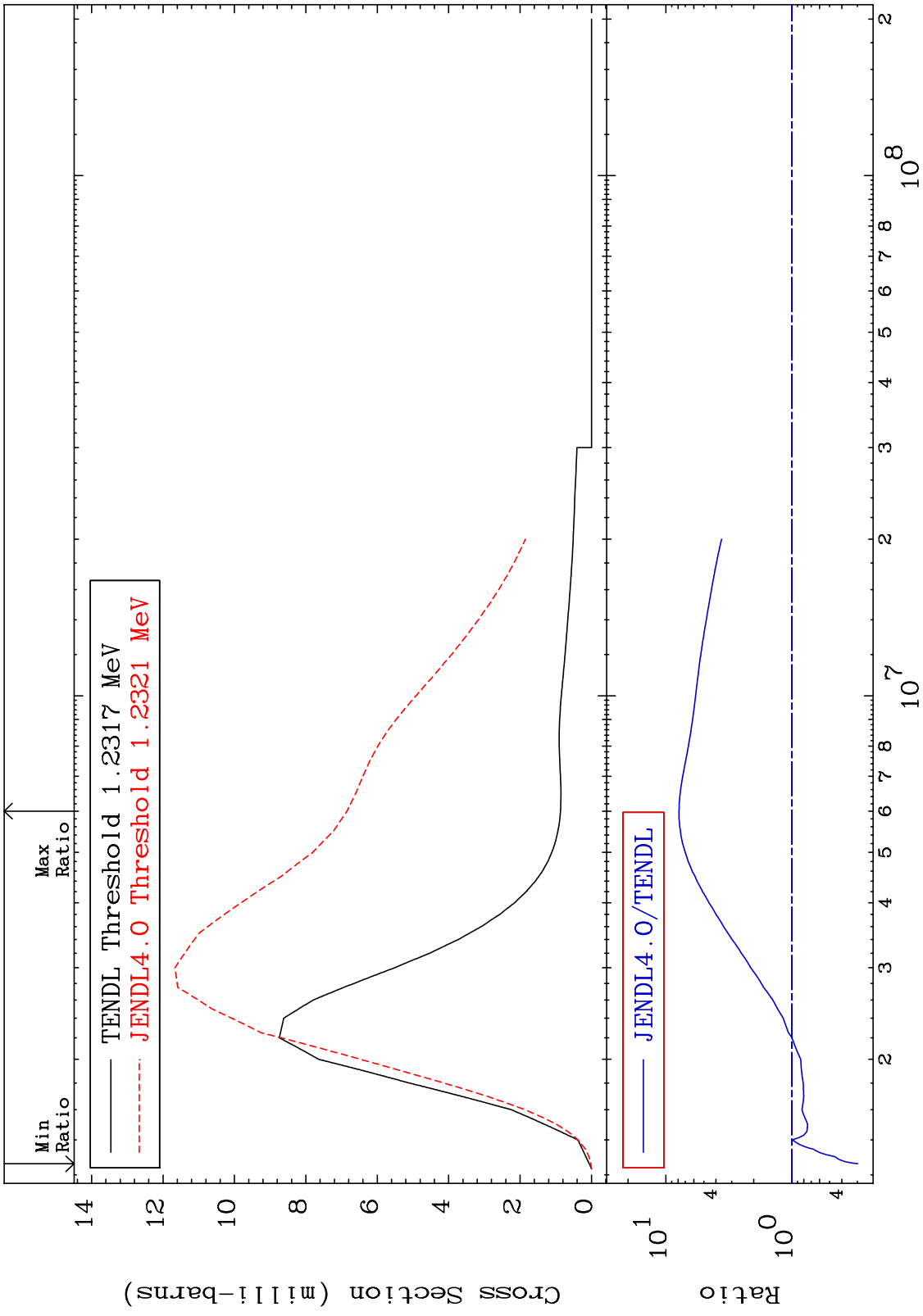


18 66-Dy-154

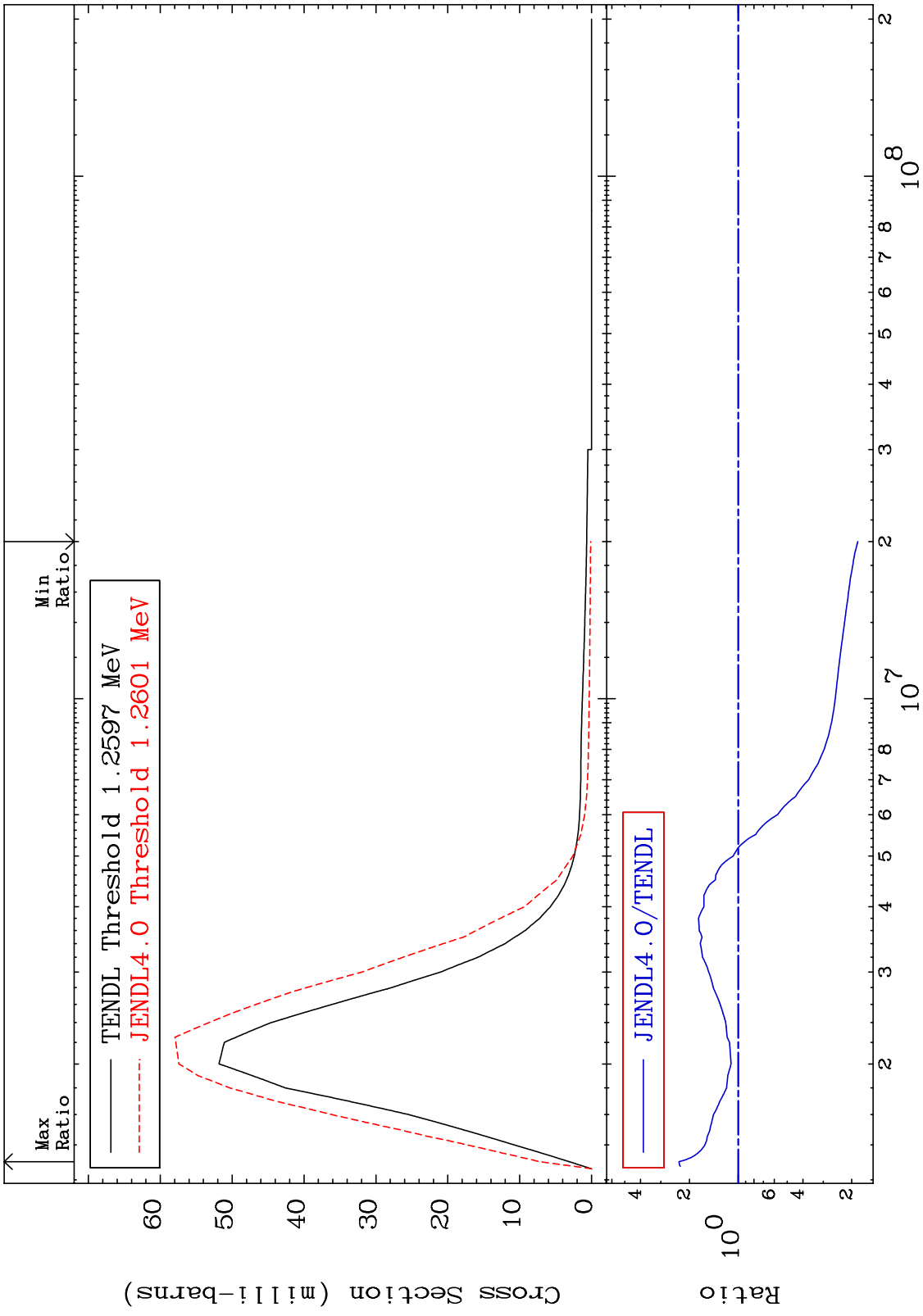
MAT 6619 MT= 57 (n,n') Level Cross Section 66-Dy-154 -99.17 To 850.6 %



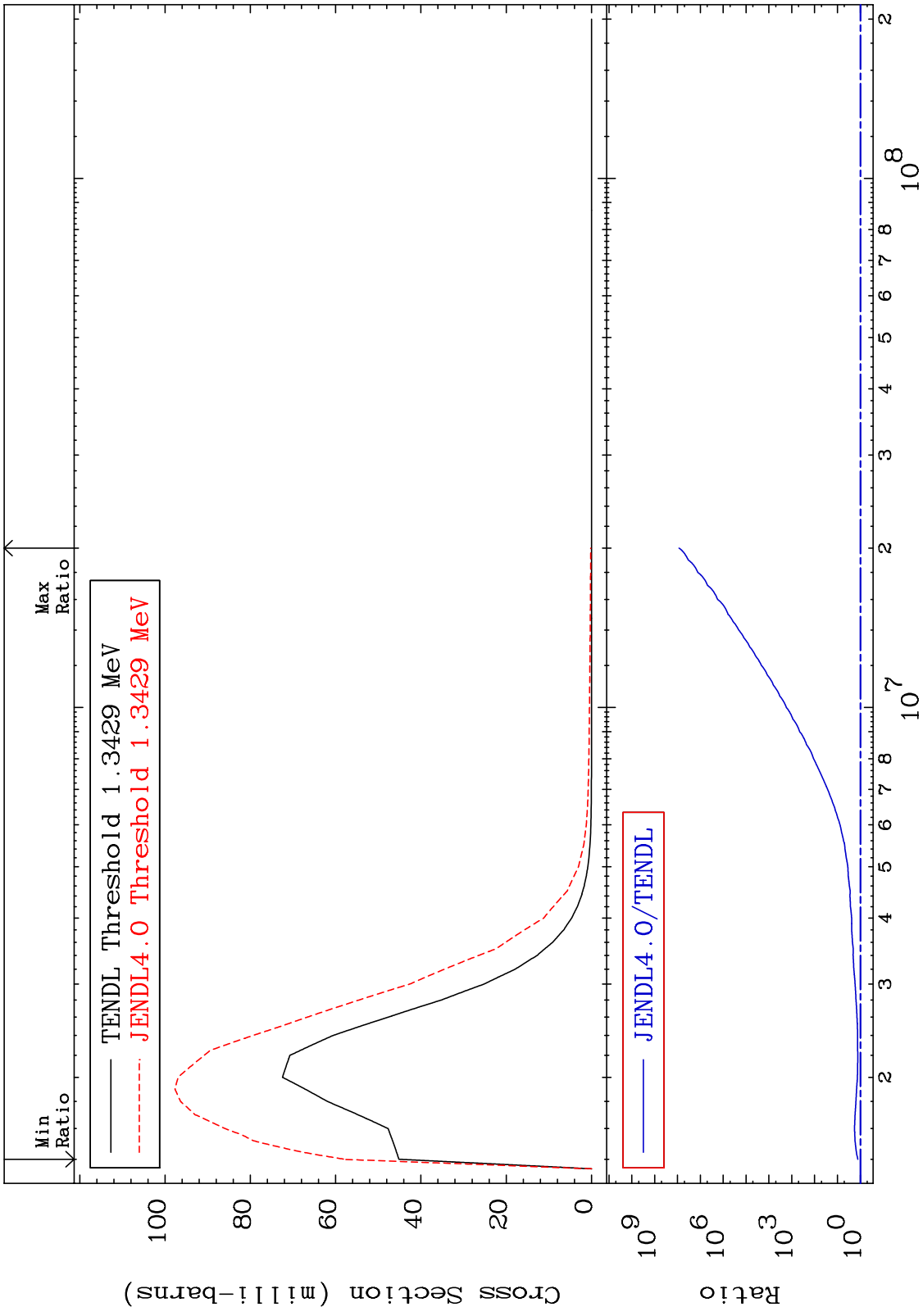
MAT 6619 MT= 58 (n,n') Level 66-Dy-154
 Cross Section -70.22 To 686.7 %



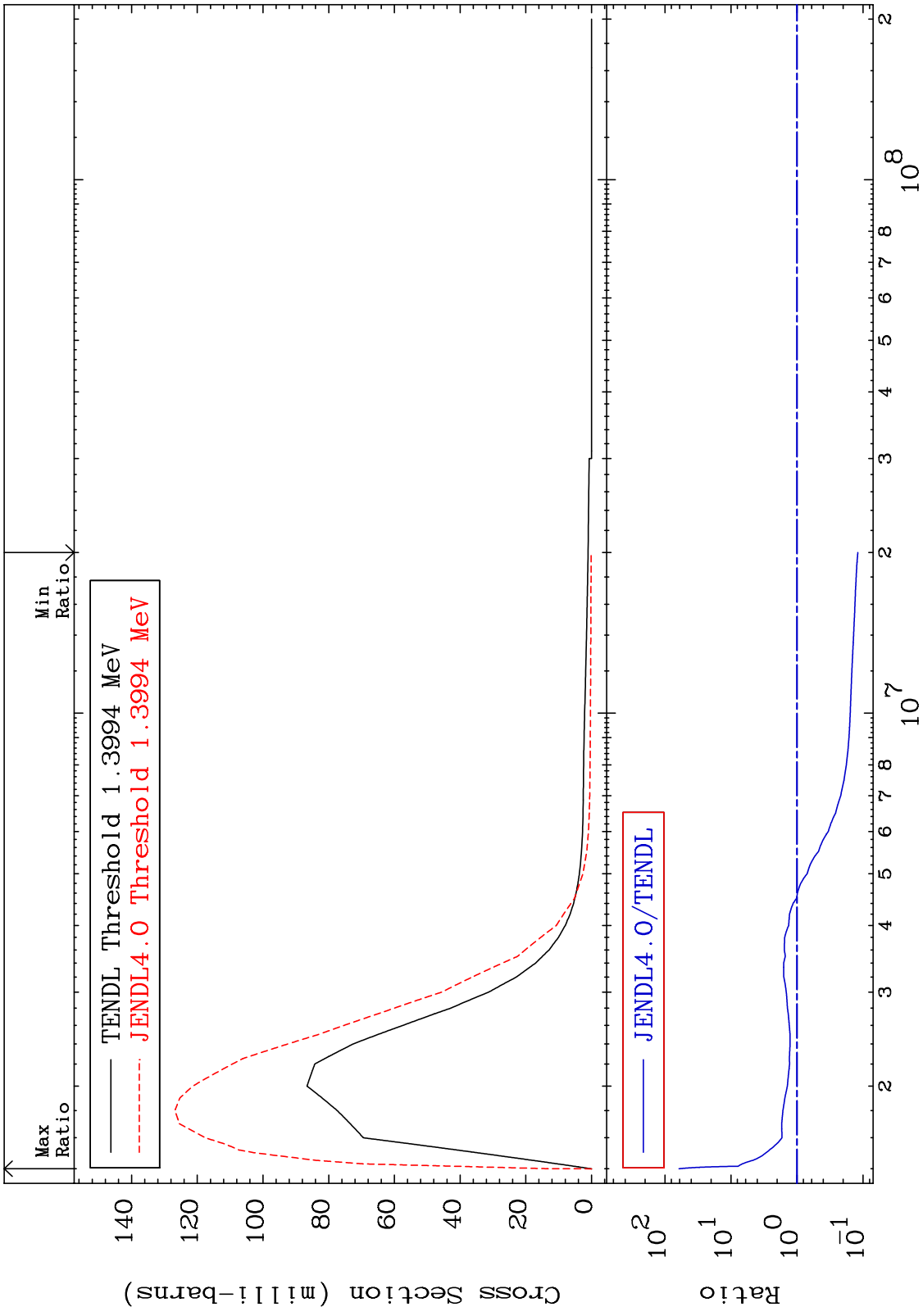
MAT 6619 MT= 59 (n,n') Level Cross Section 66-Dy-154
 -81.66 To 131.7 %



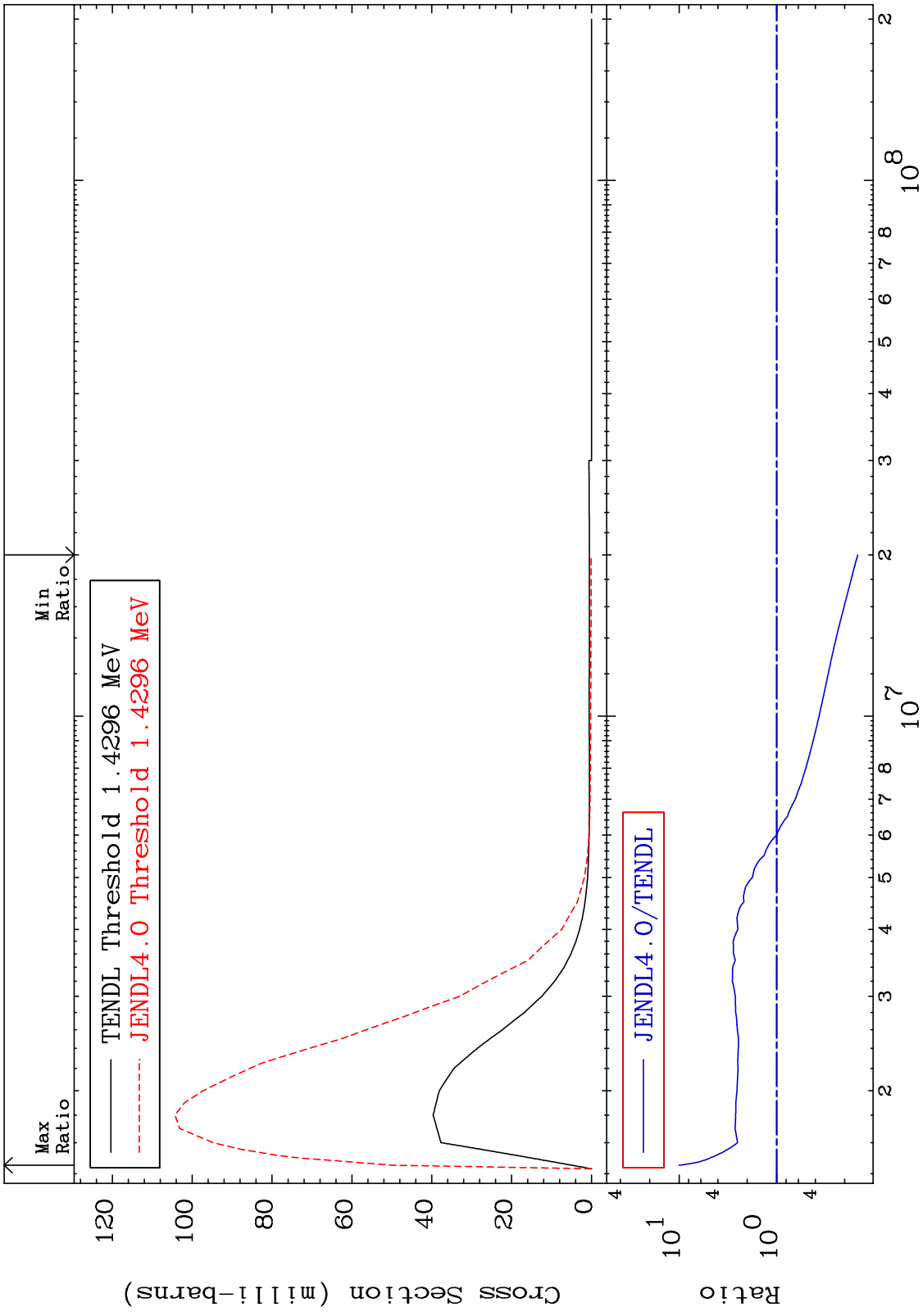
MAT 6619 MT= 60 (n,n') Level Cross Section 66-Dy-154 28.25 To 9999. %



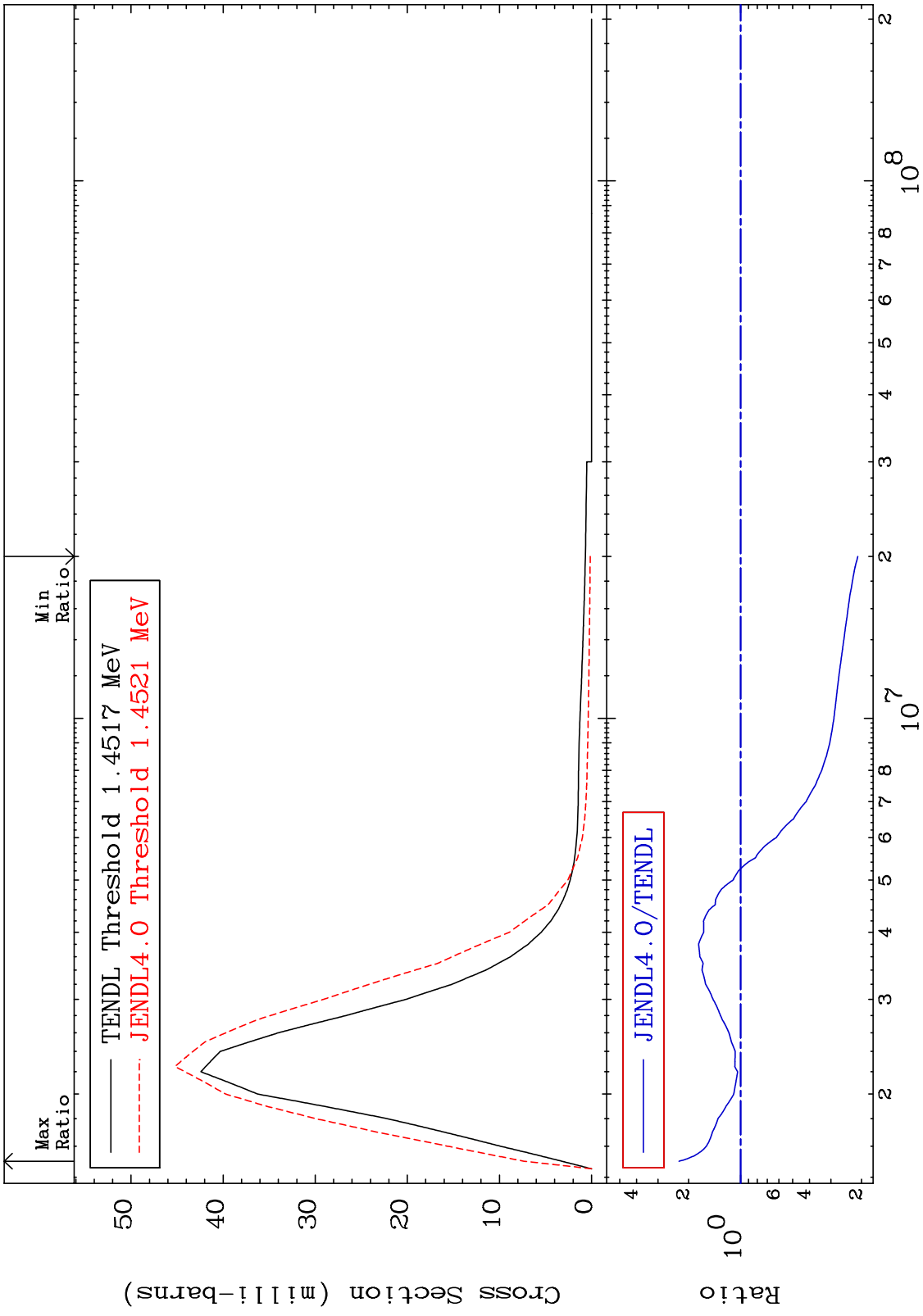
MAT 6619 MT= 61 (n,n') Level 66-Dy-154
 Cross Section -87.98 To 6010. %



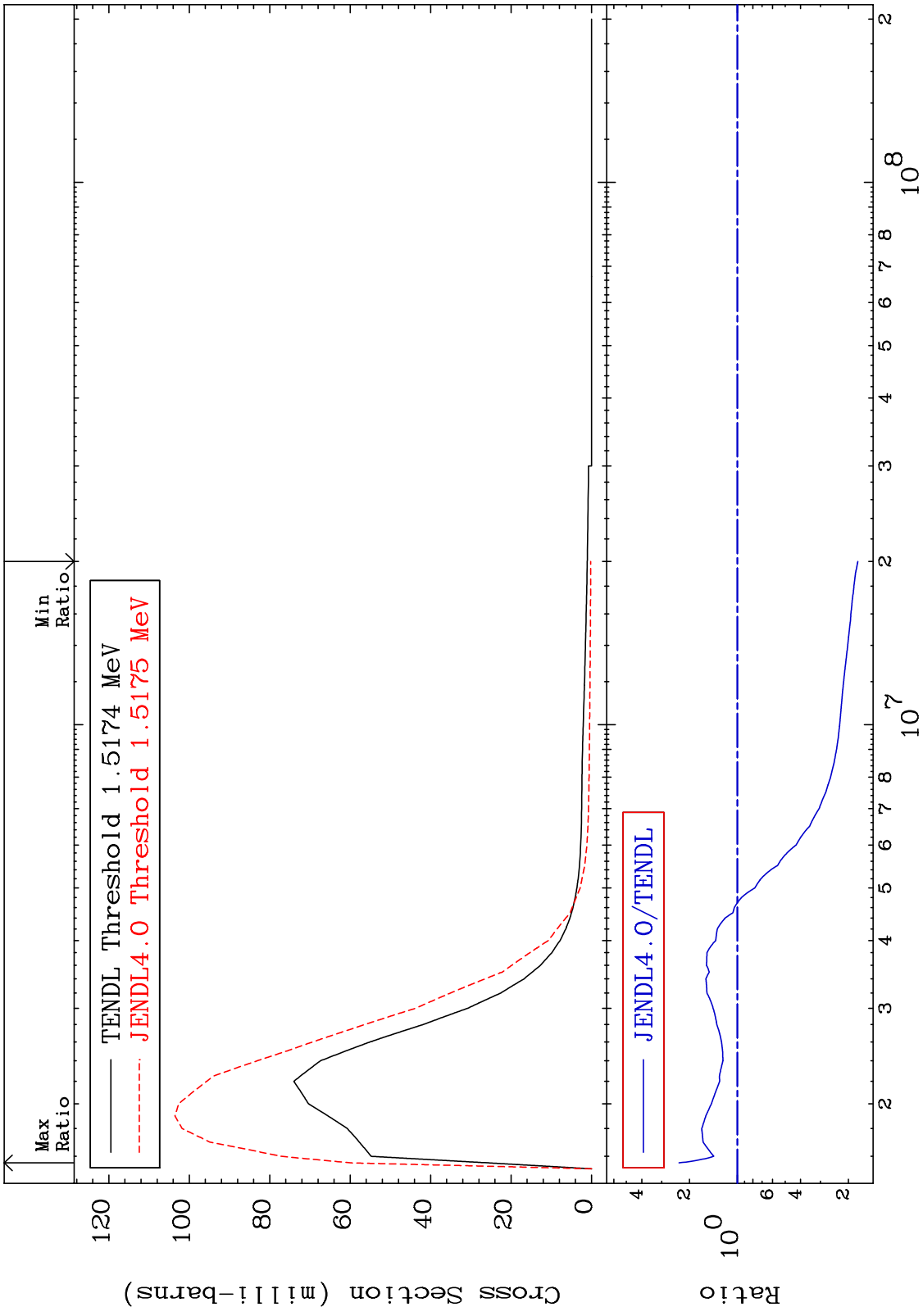
MAT 6619 MT= 62 (n,n') Level Cross Section 66-Dy-154
 -85.32 To 902.1 %



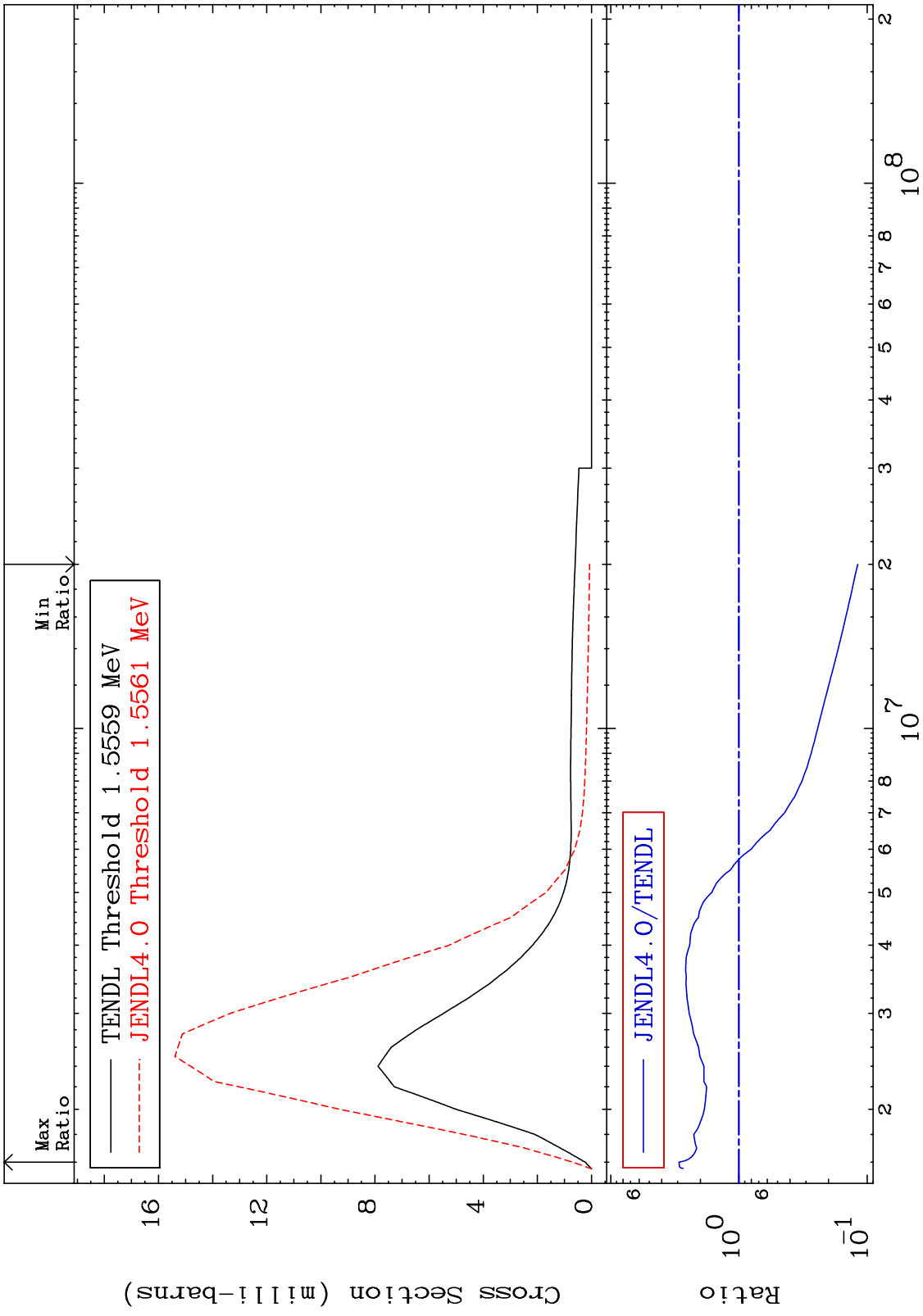
MAT 6619 MT= 63 (n,n') Level Cross Section 66-Dy-154
 -79.02 To 126.9 %



MAT 6619 MT= 64 (n,n') Level Cross Section 66-Dy-154
 -82.56 To 133.0 %



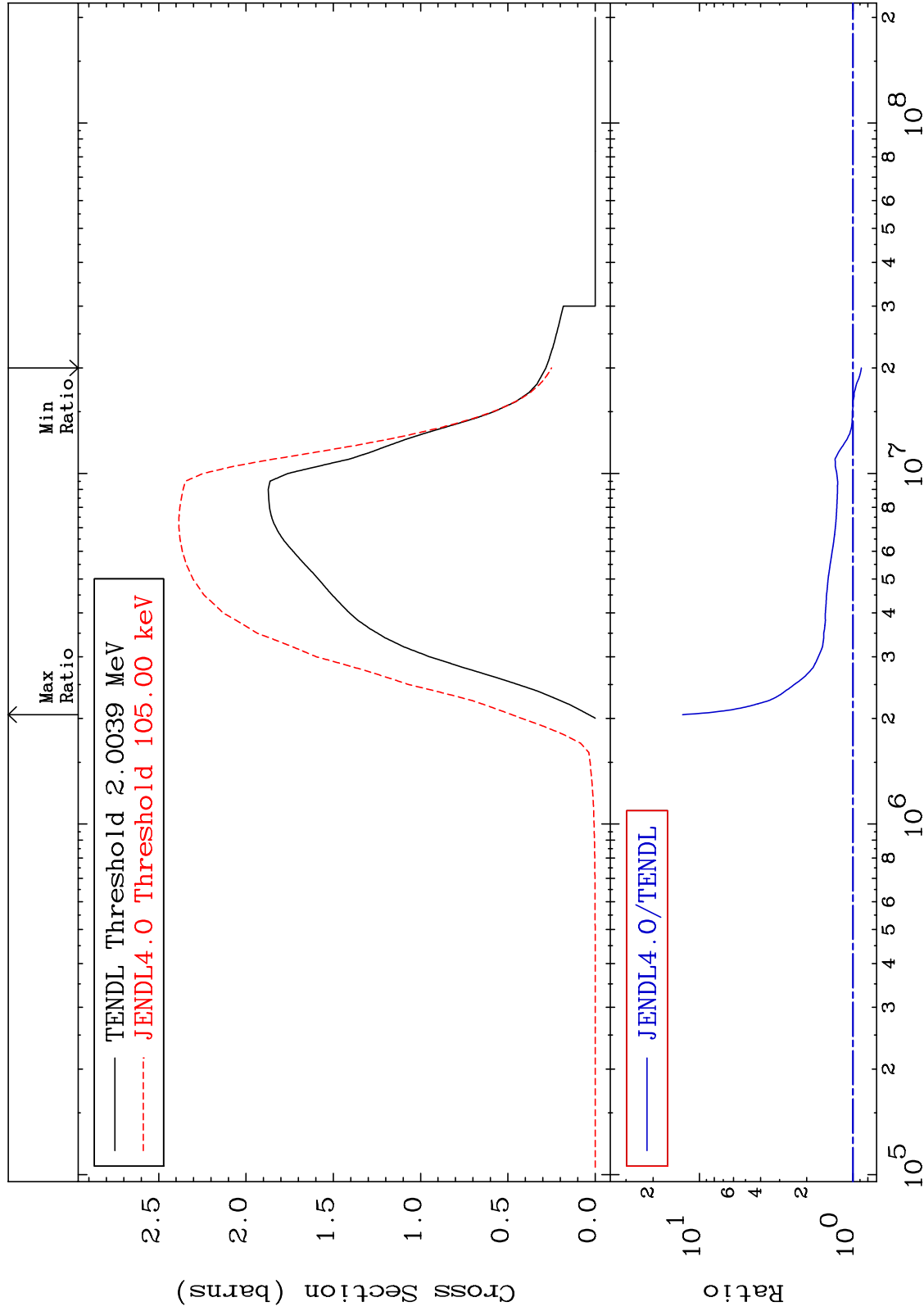
MAT 6619 MT= 65 (n,n') Level Cross Section 66-Dy-154 -88.17 To 193.0 %



MAT 6619

(n, n') Continuum
Cross Section

66-Dy-154
-11.72 To 1183. %



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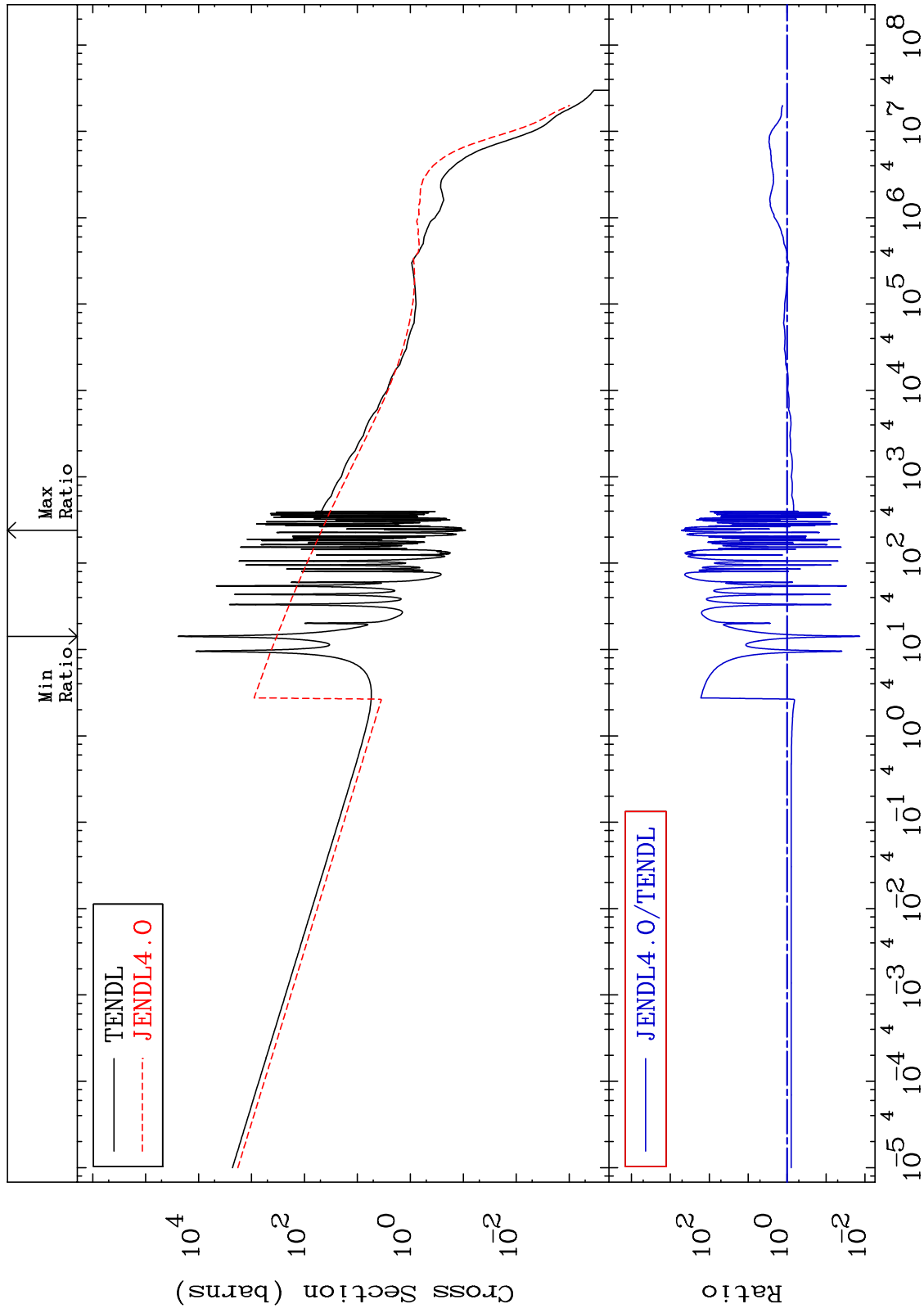
Incident Energy (eV)

66-Dy-154

MAT 6619

(n, γ)
Cross Section

66-Dy-154
-98.64 To 9999. %



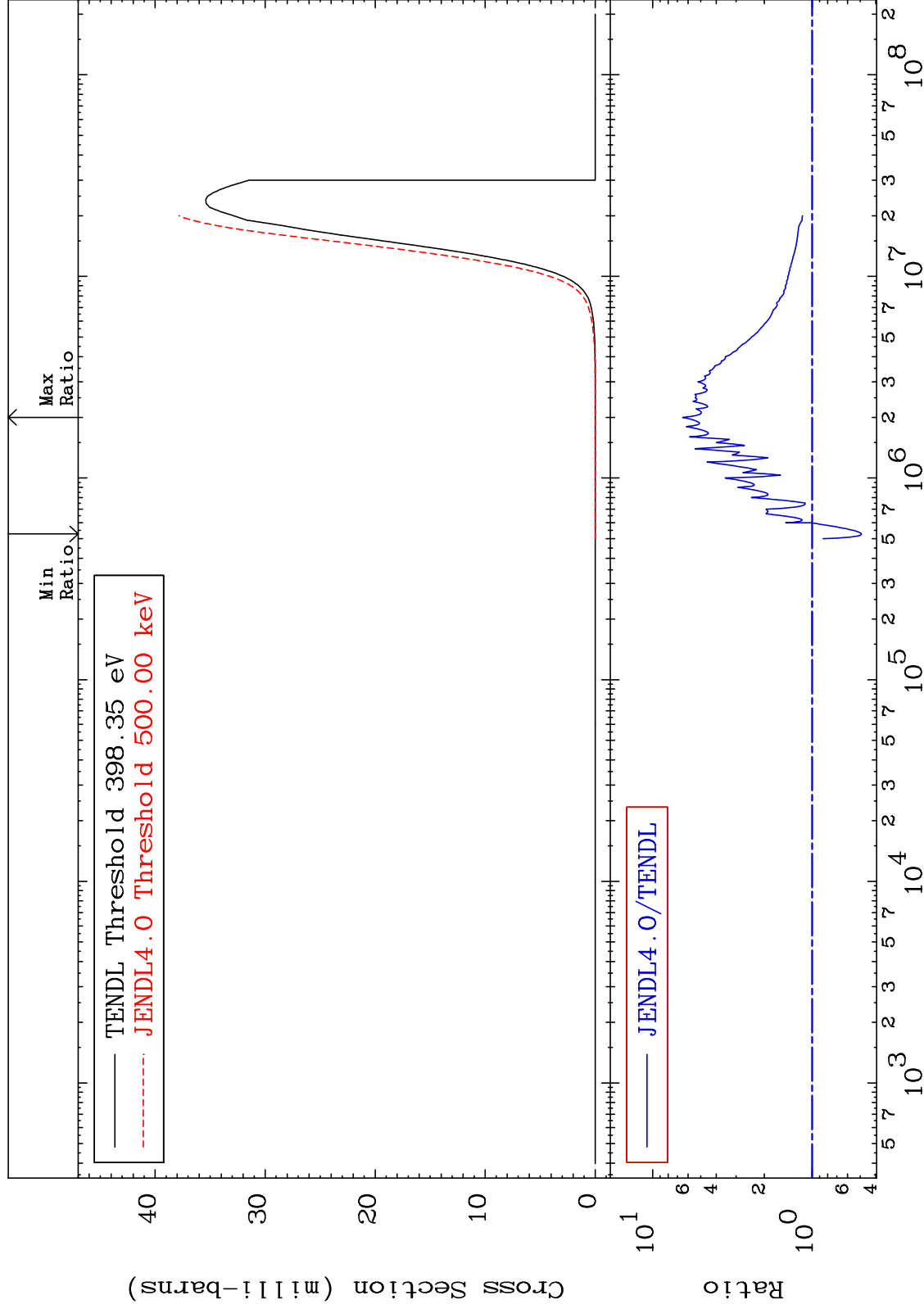
MAT 6619

(n,p)

66-Dy-154

Cross Section

-50.80 To 548.8 %

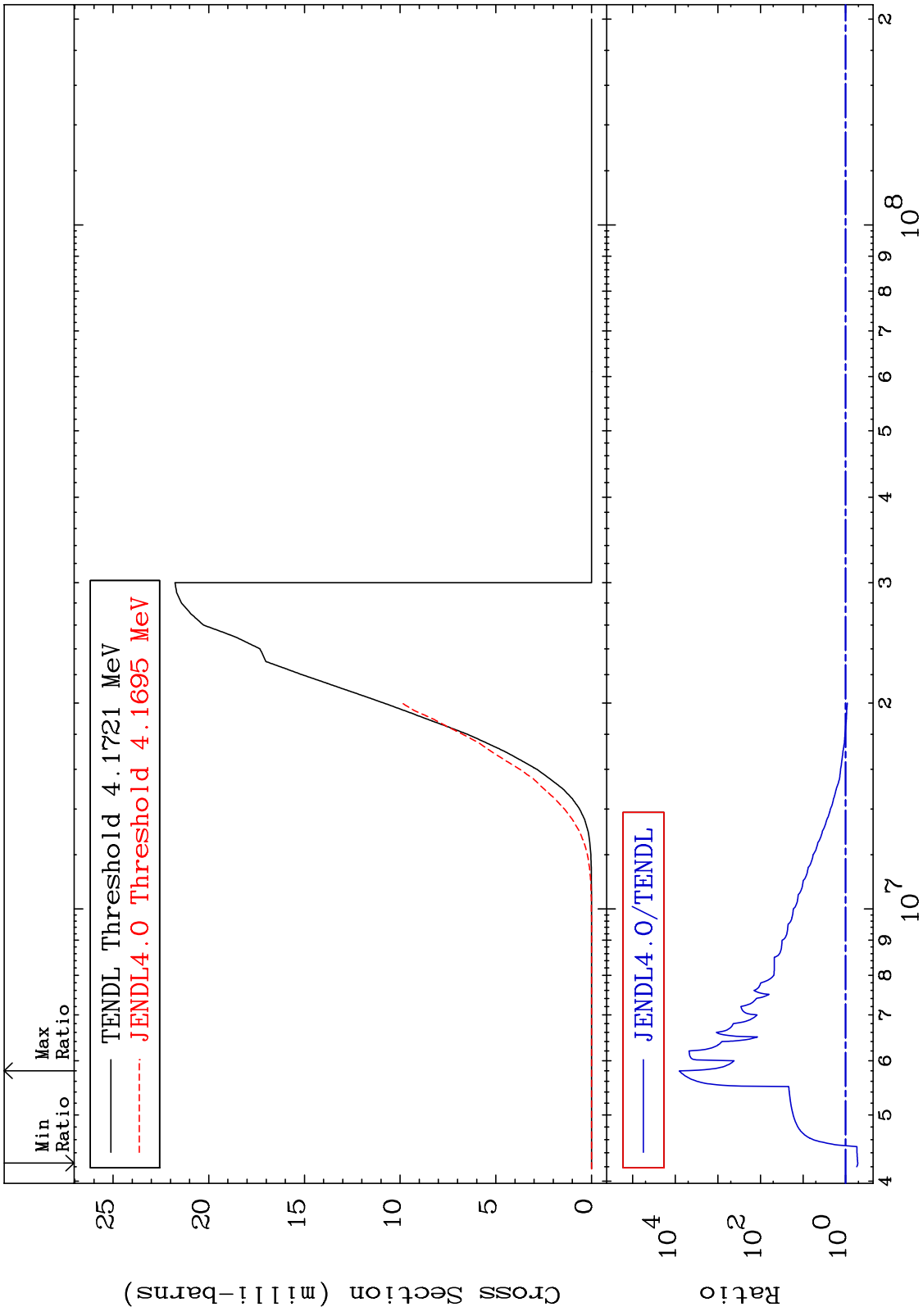


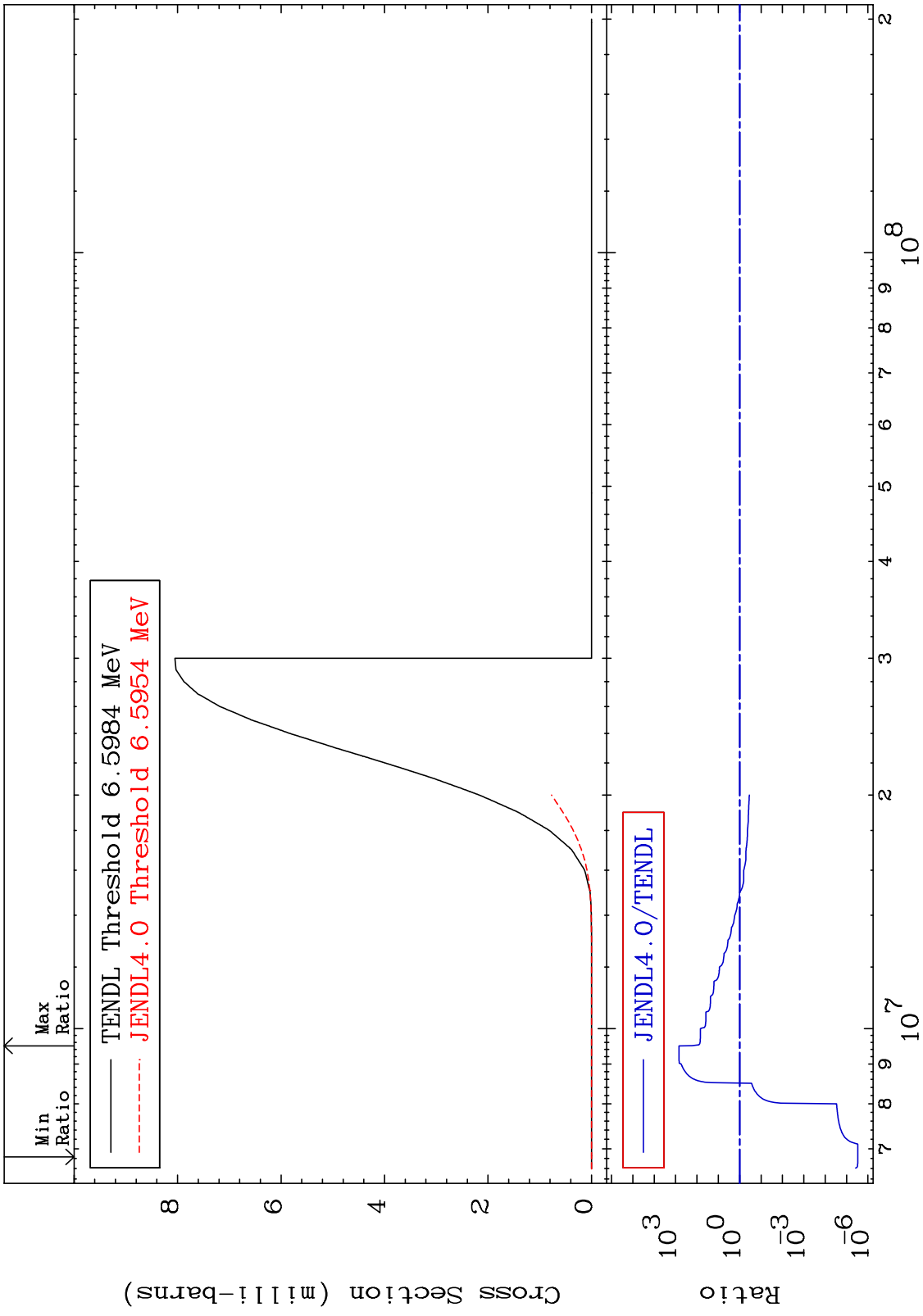
30

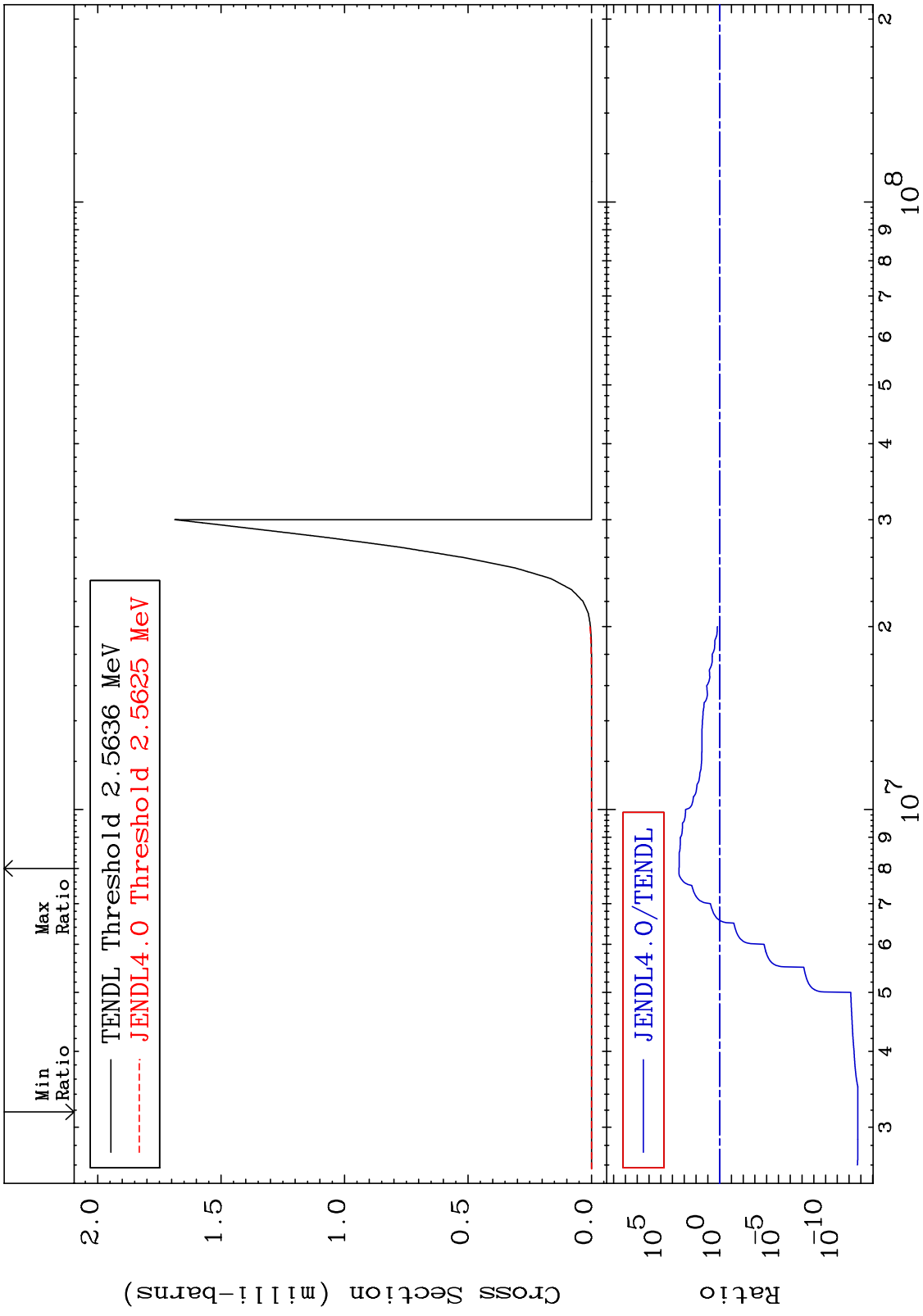
Incident Energy (eV)

66-Dy-154

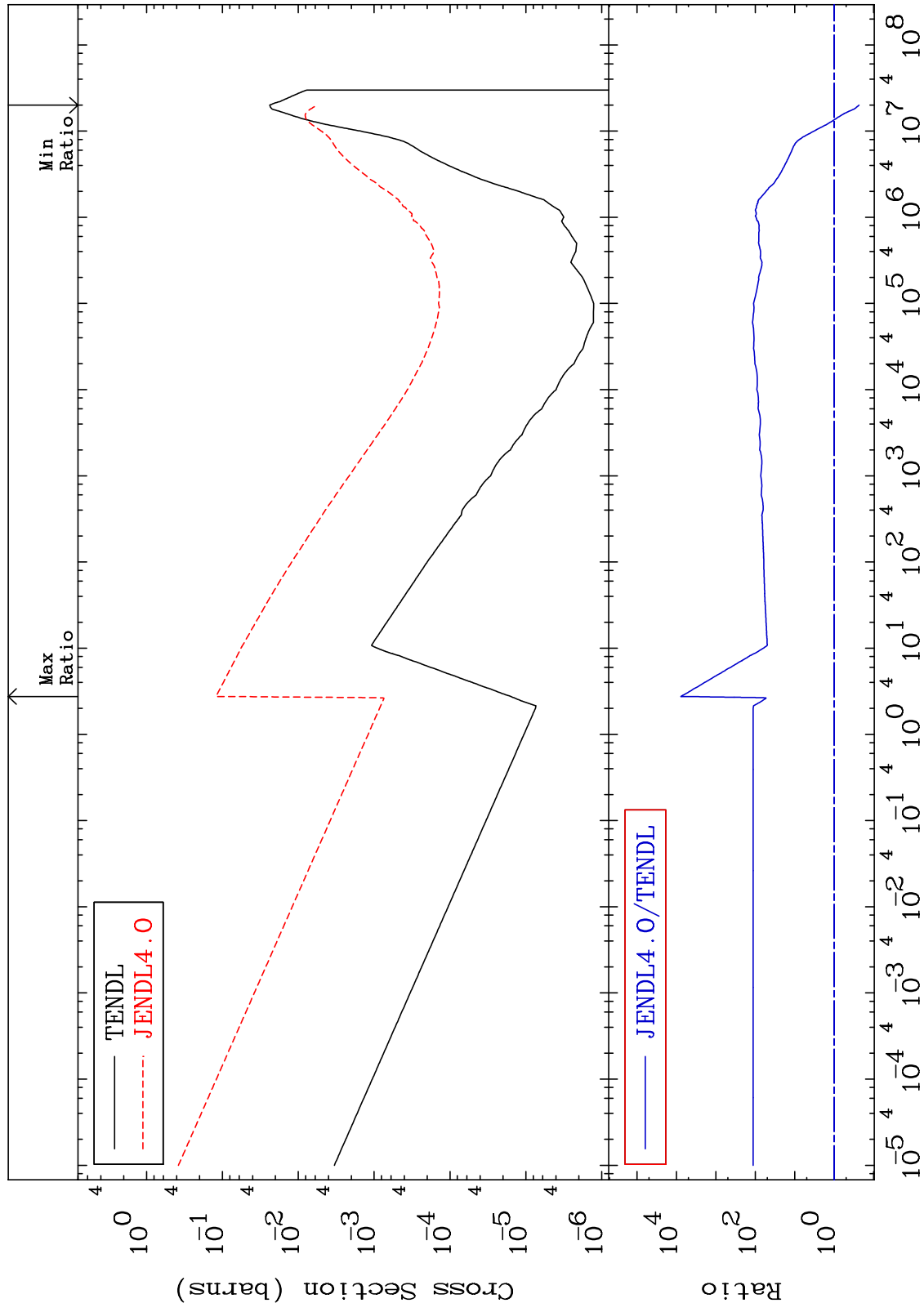
MAT 6619 (n,d) Cross Section 66-Dy-154
 -48.31 To 9999. %



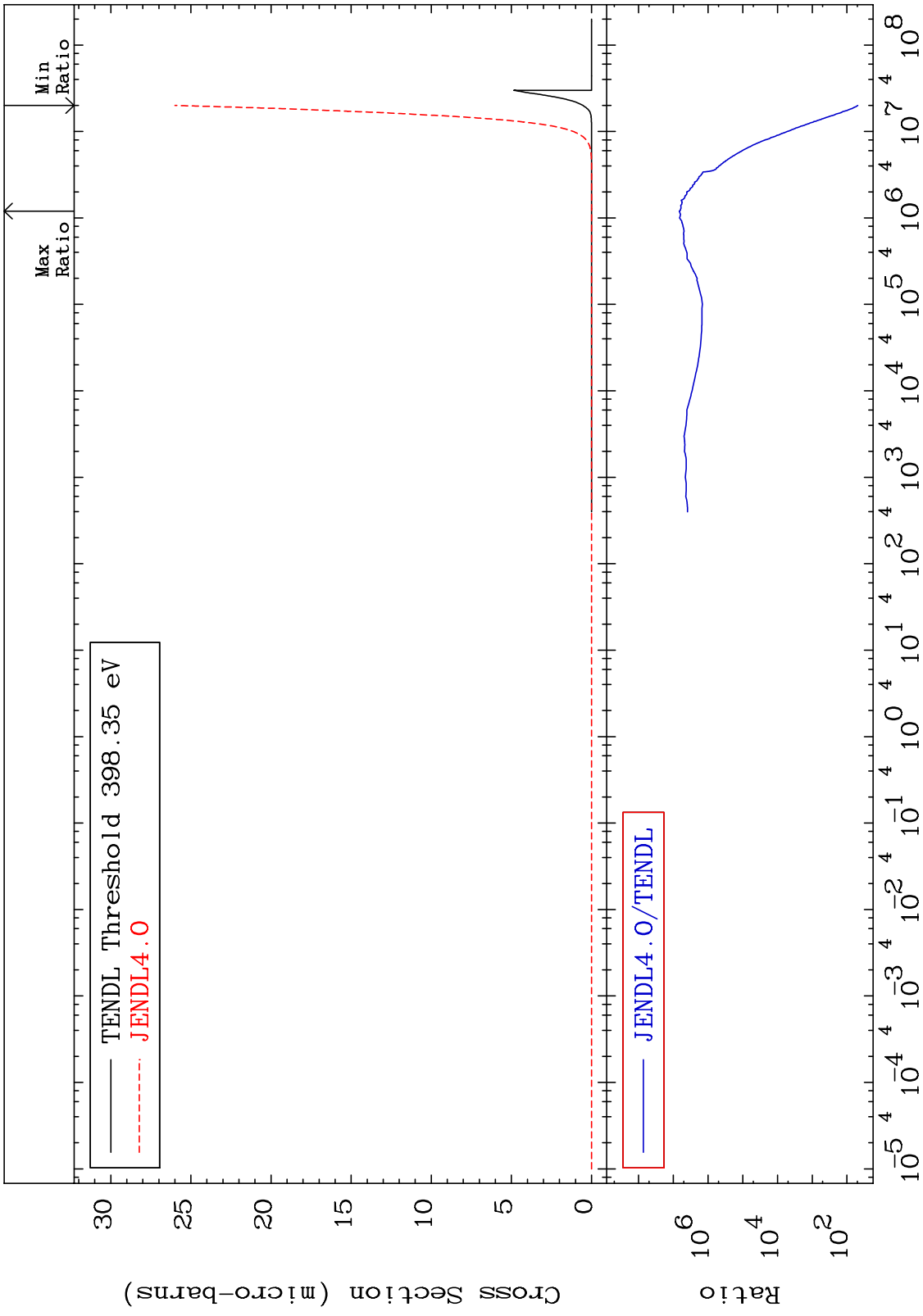




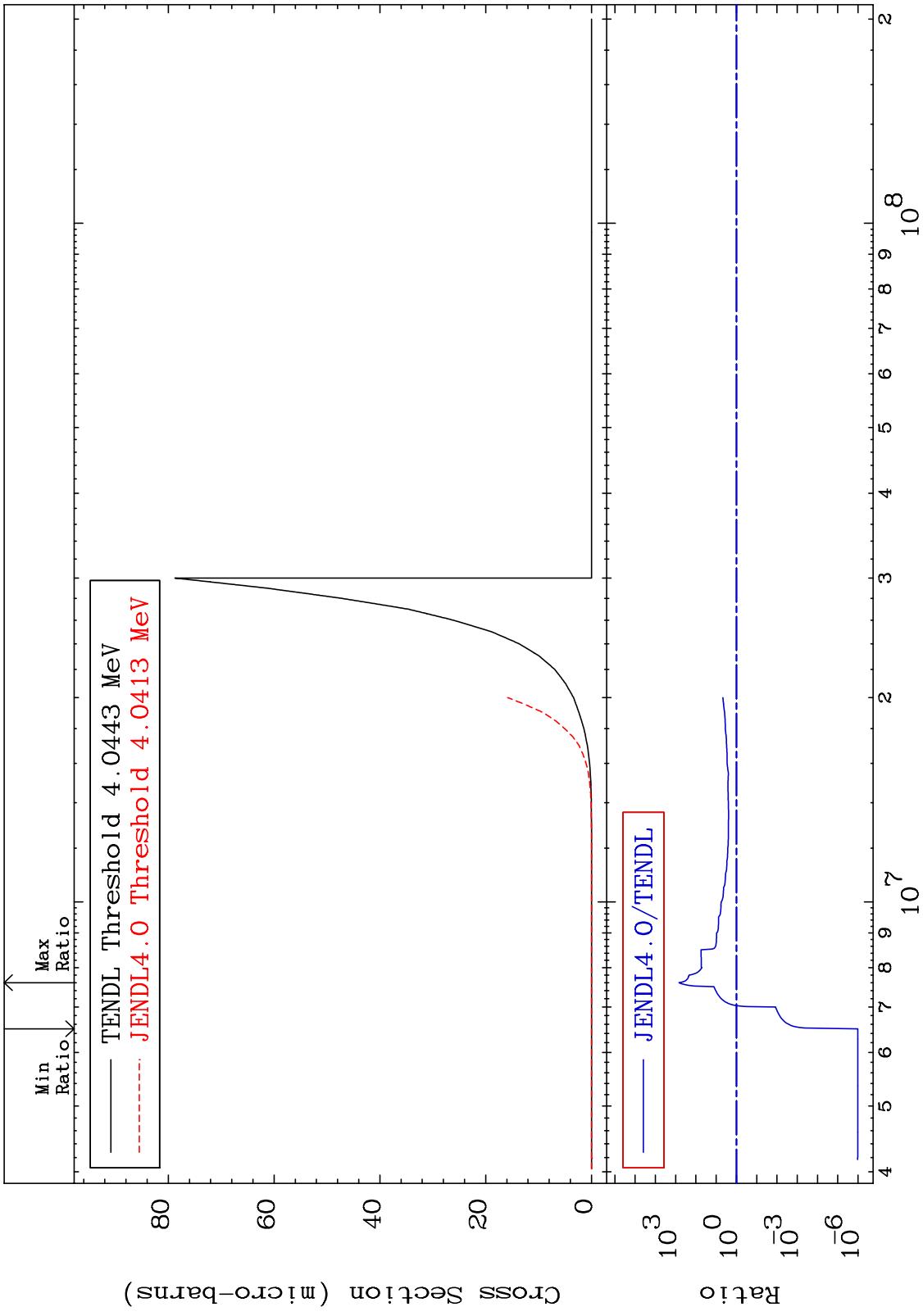
(n, α)
 Cross Section

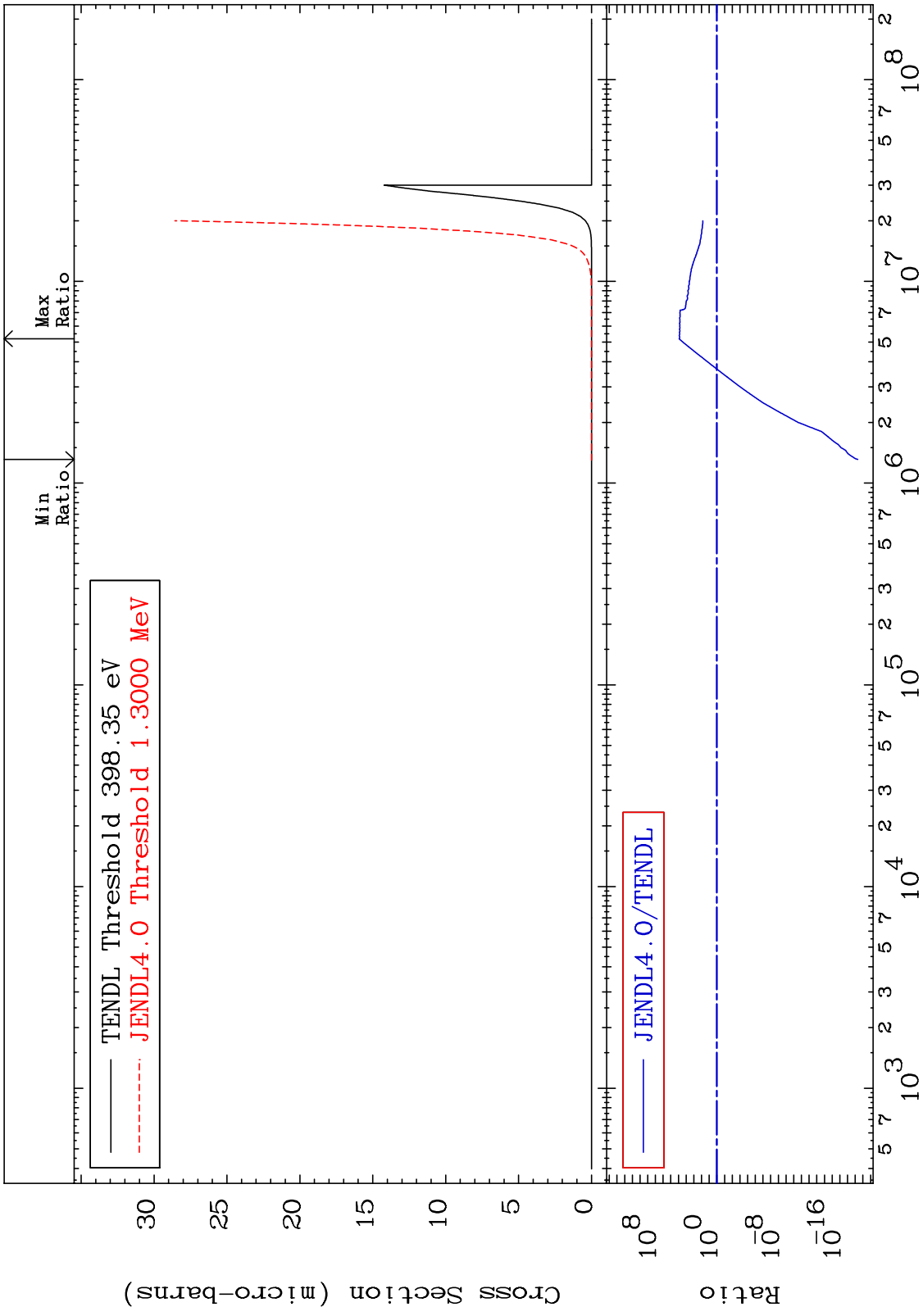


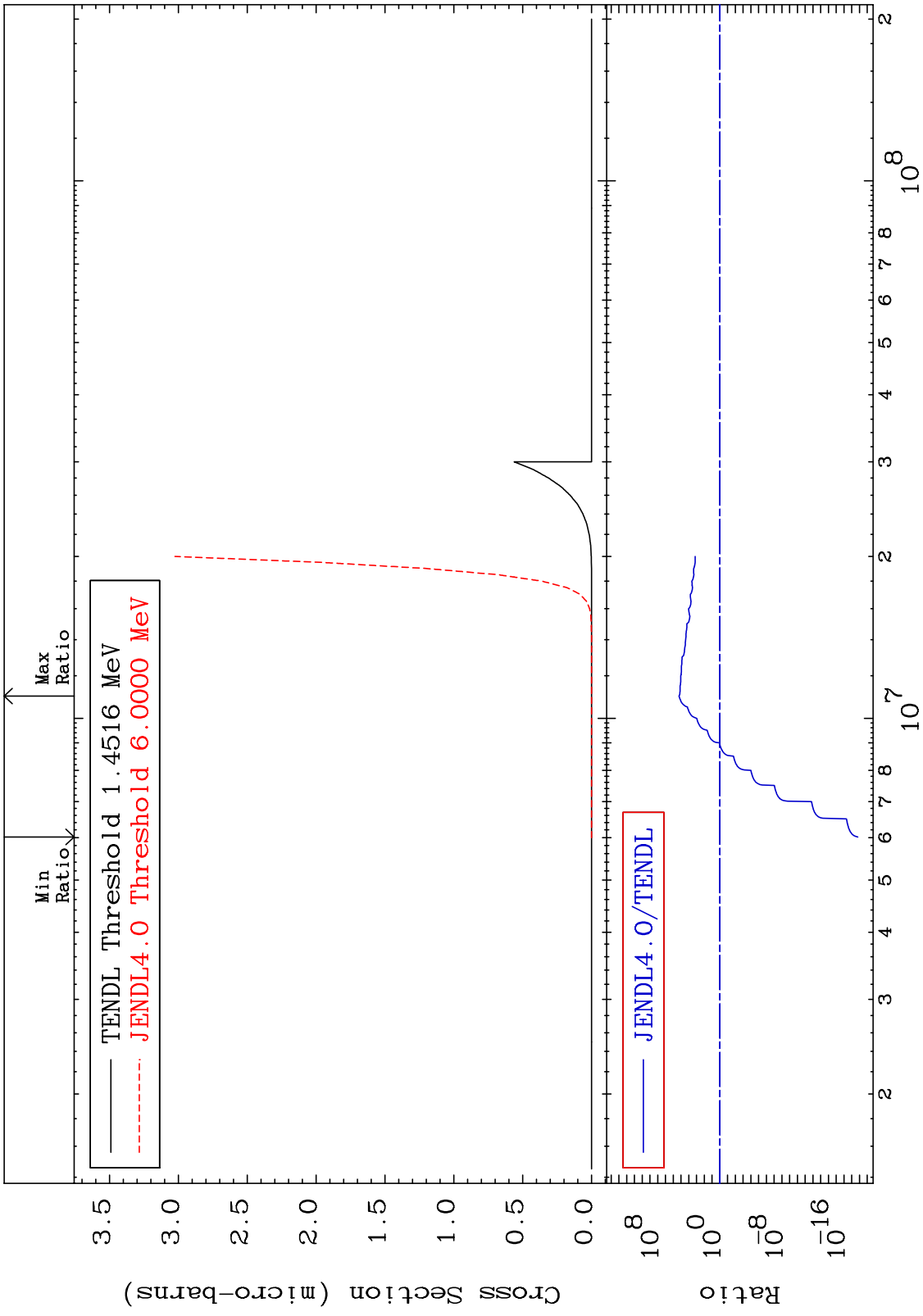
MAT 6619 (n,2α) Cross Section 66-Dy-154 4758. To 9999. %



MAT 6619 (n,2p) Cross Section 66-Dy-154 -100.0 To 9999. %



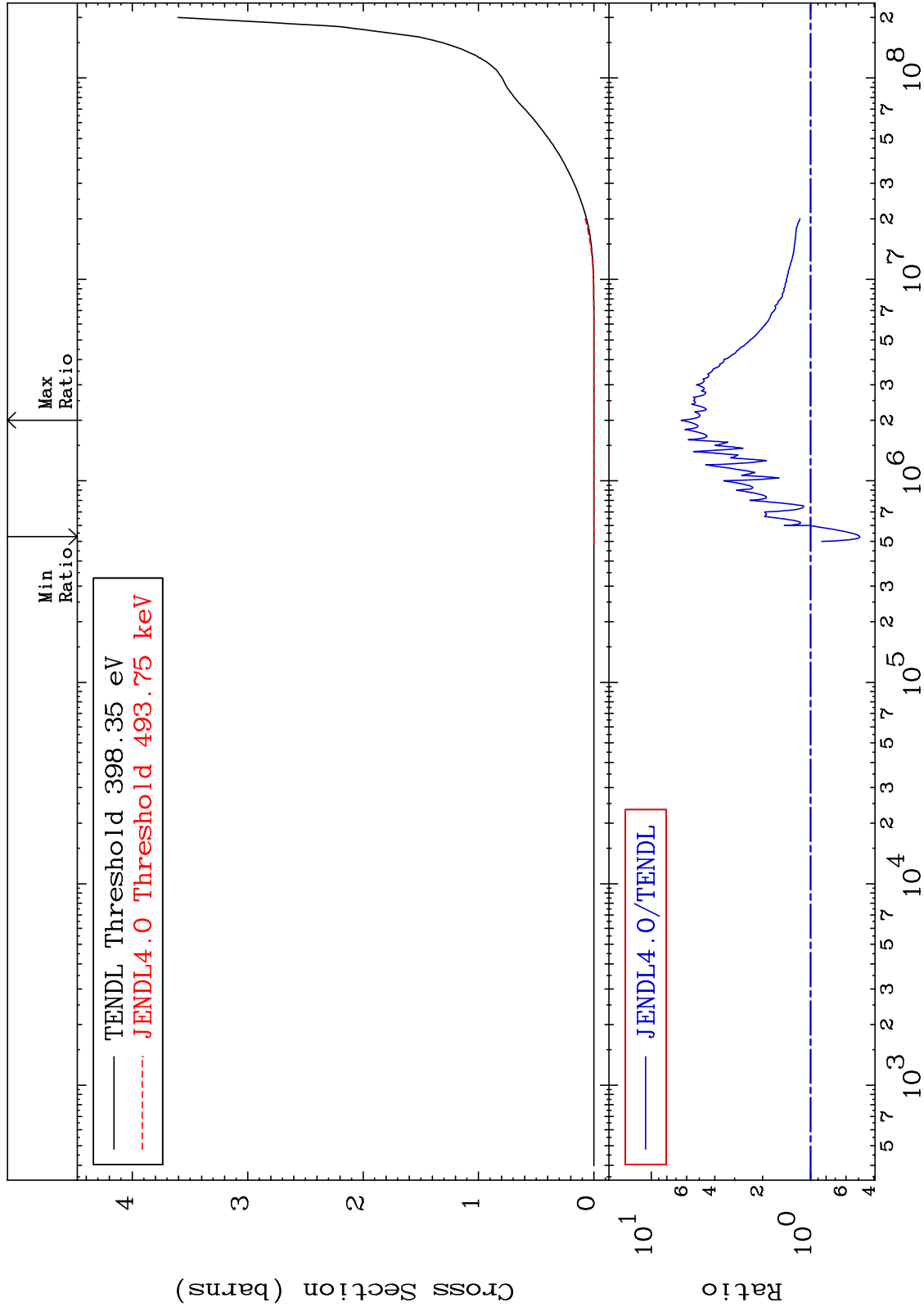




MAT 6619

Hydrogen Production
Cross Section

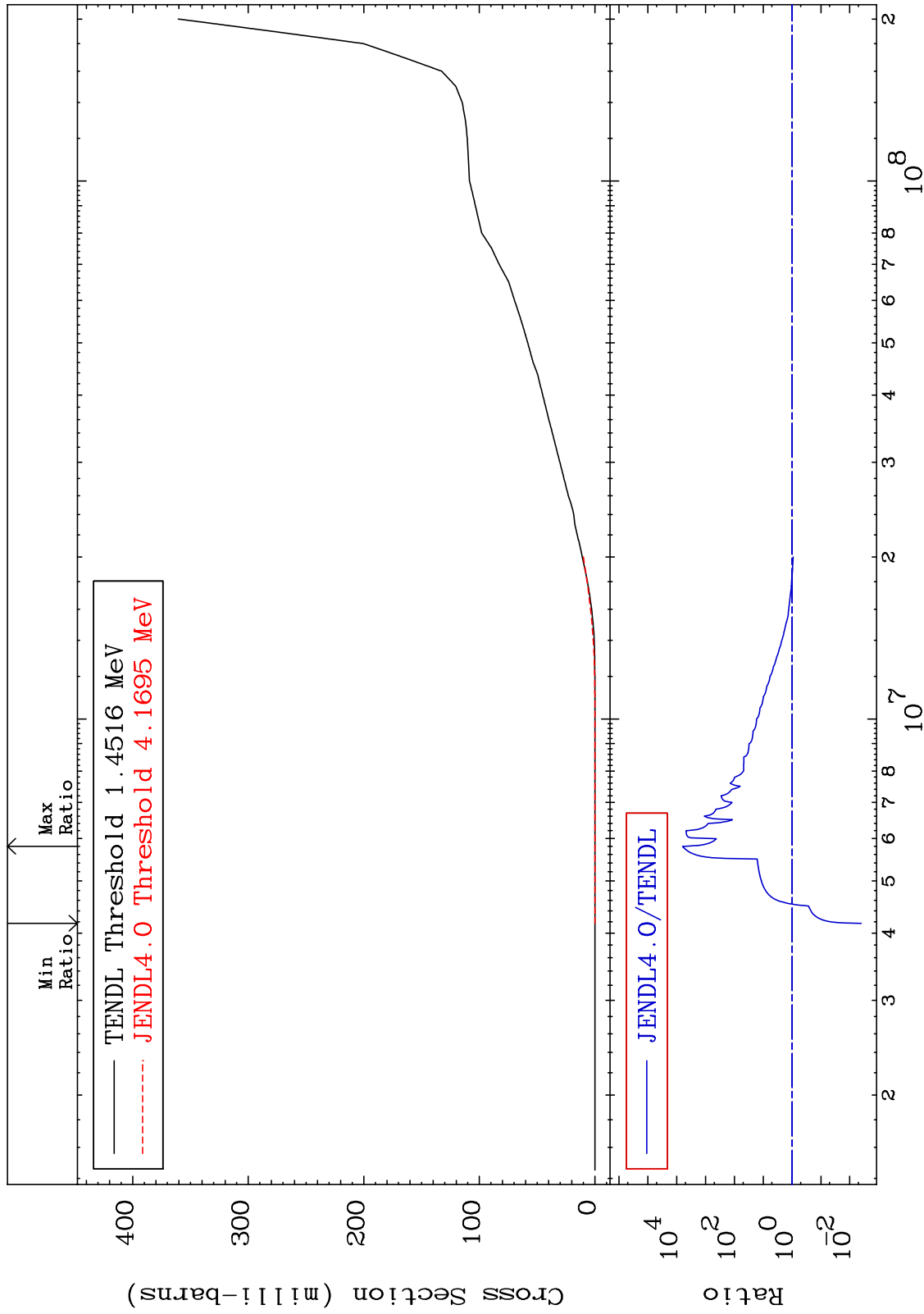
66-Dy-154
-50.80 To 548.8 %



MAT 6619

Deuterium Production
Cross Section

66-Dy-154
-99.60 To 9999. %

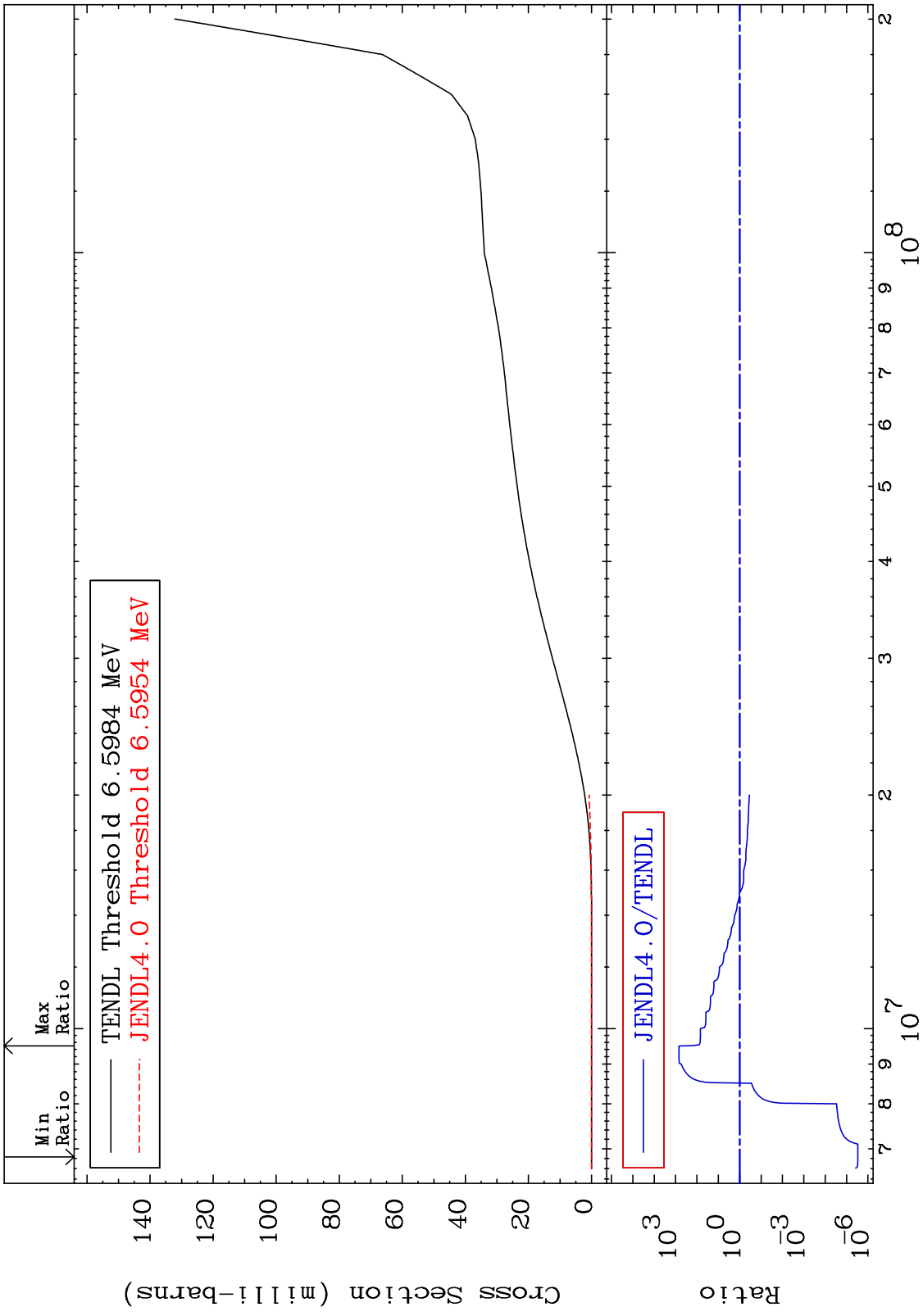


40

Incident Energy (eV)

66-Dy-154

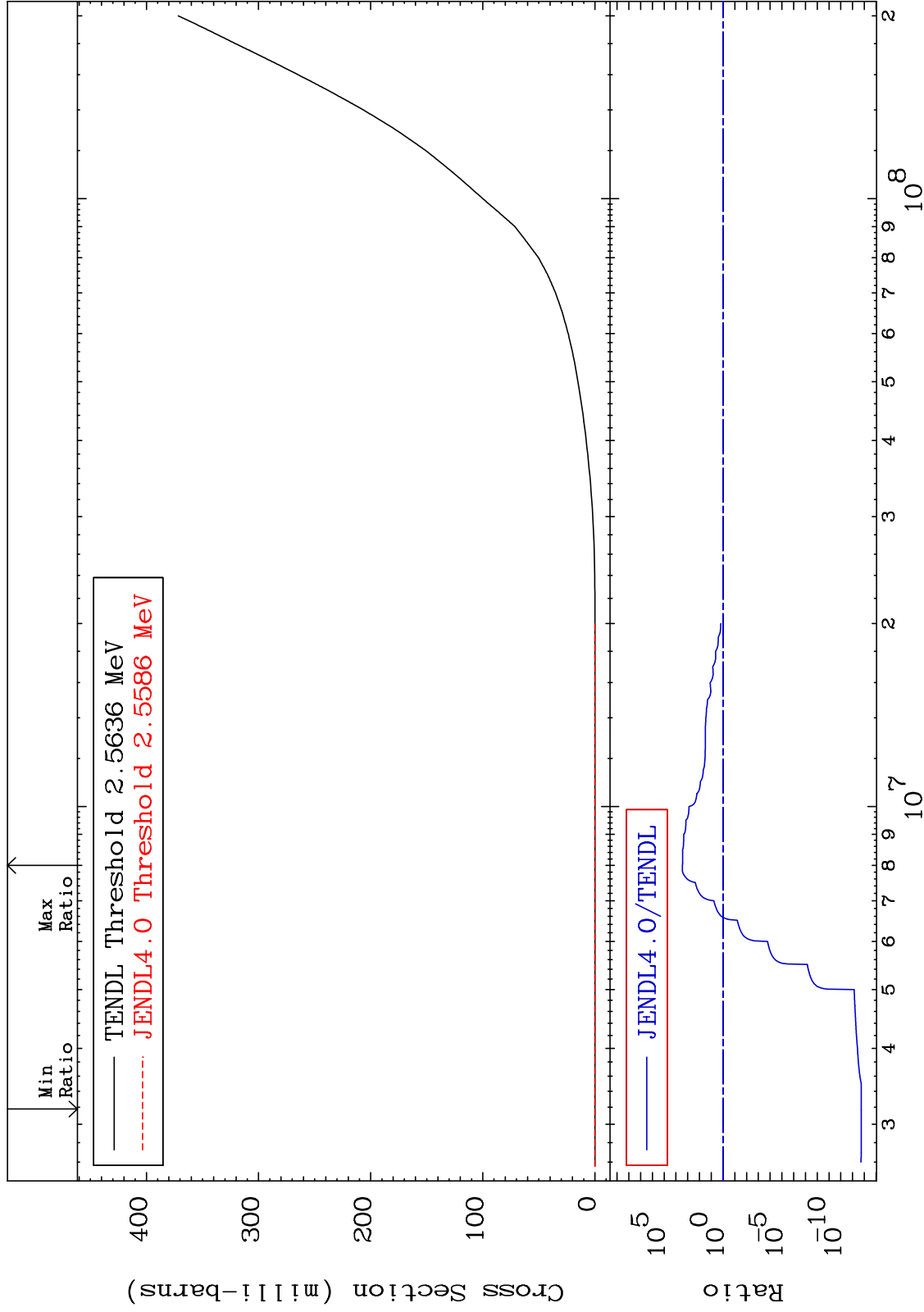
MAT 6619 Tritium Production Cross Section 66-Dy-154
 -100.0 To 9999. %



MAT 6619

He-3 Production
Cross Section

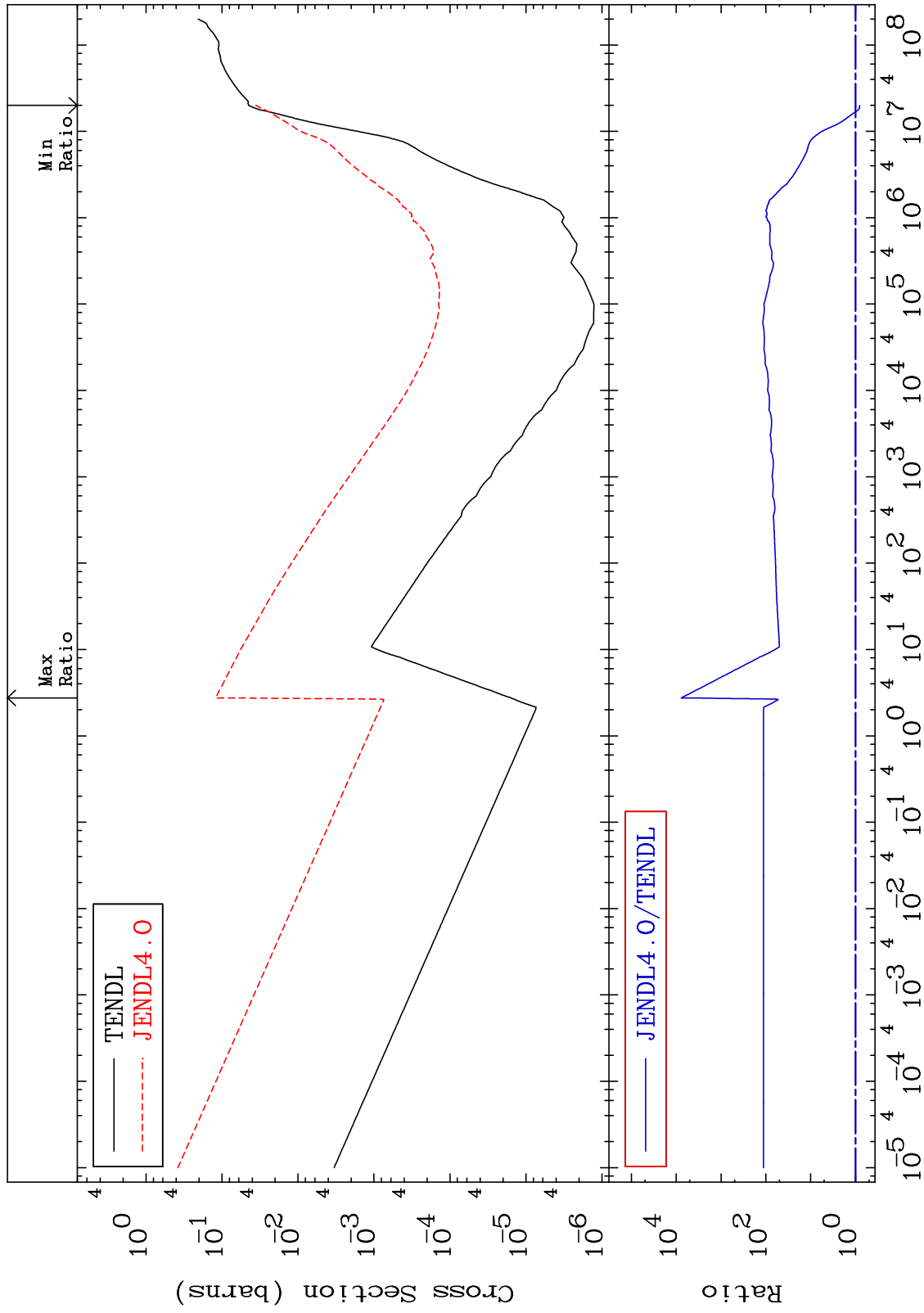
66-Dy-154
-100.0 To 9999. %



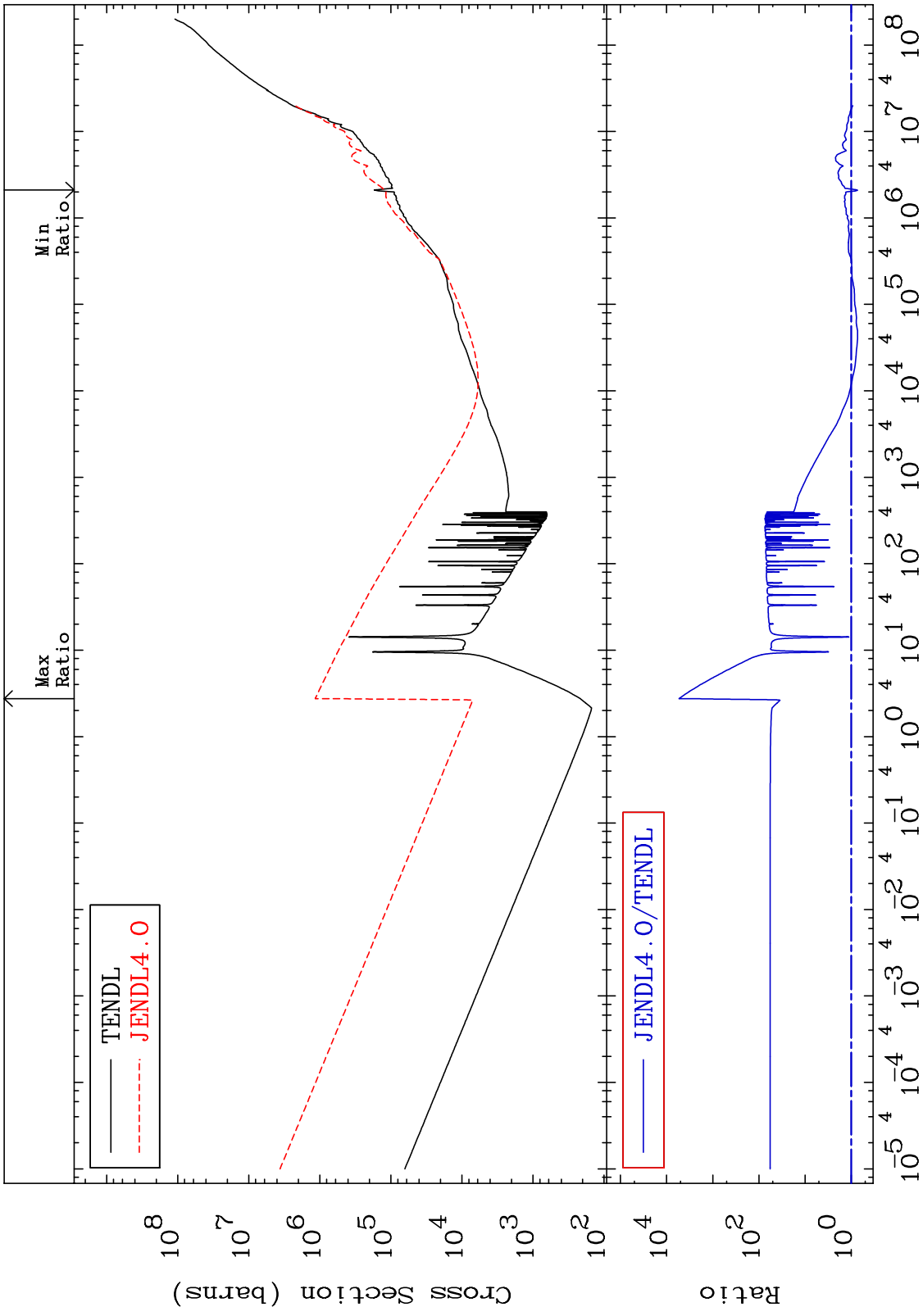
MAT 6619

He-4 Production
Cross Section

66-Dy-154
-19.50 To 9999. %



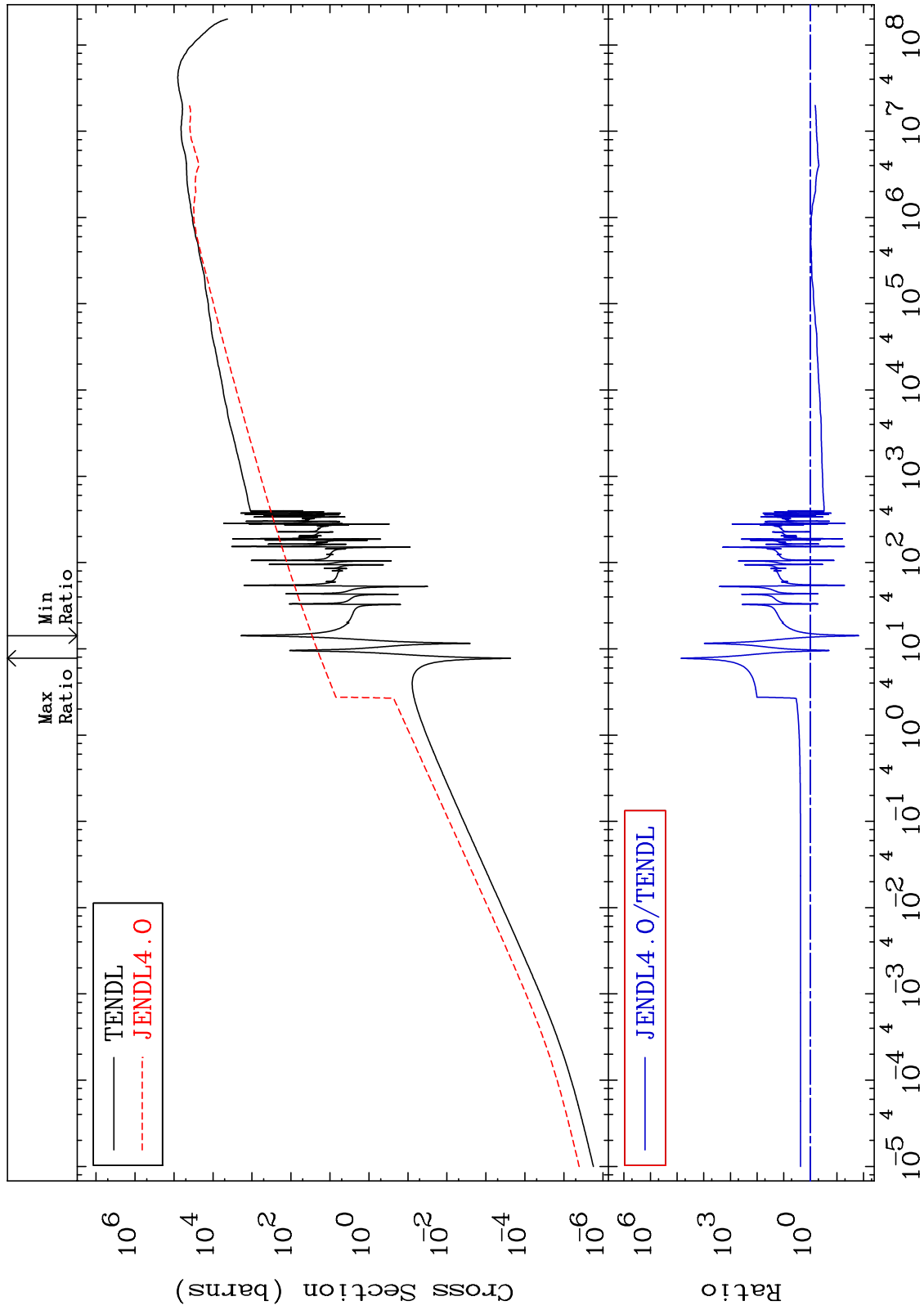
MAT 6619 Kerma total (eV-barns) 66-Dy-154
 Cross Section -28.10 To 9999. %



MAT 6619

Kerma elastic
Cross Section

66-Dy-154
-98.52 To 9999. %

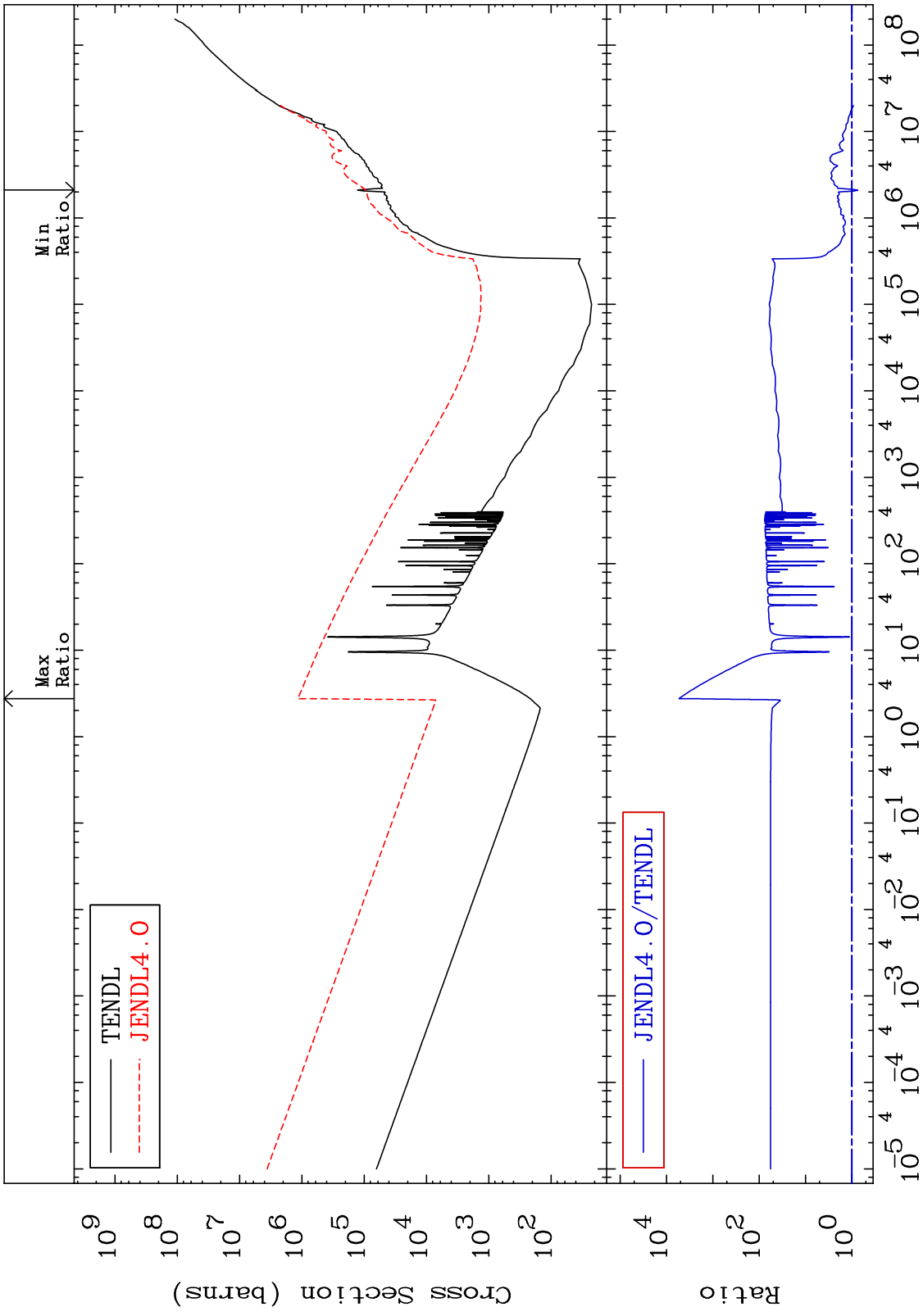


45

Incident Energy (eV)

66-Dy-154

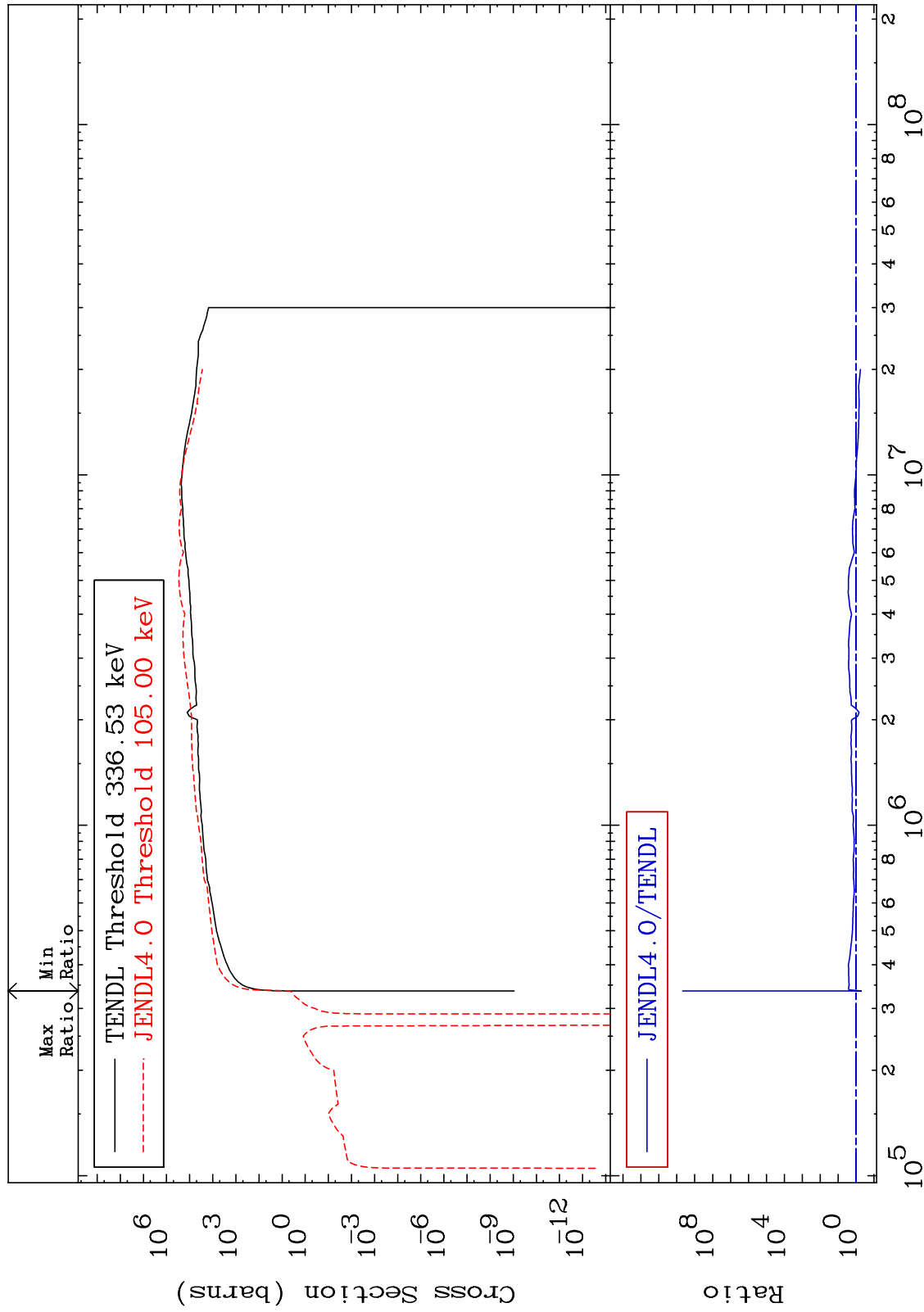
MAT 6619 Kerma non-elastic (all but mt2) Cross Section 66-Dy-154 -25.21 To 9999. %



MAT 6619

Kerma inelastic (mt51-91)
Cross Section

66-Dy-154
-49.37 To 9999. %



47

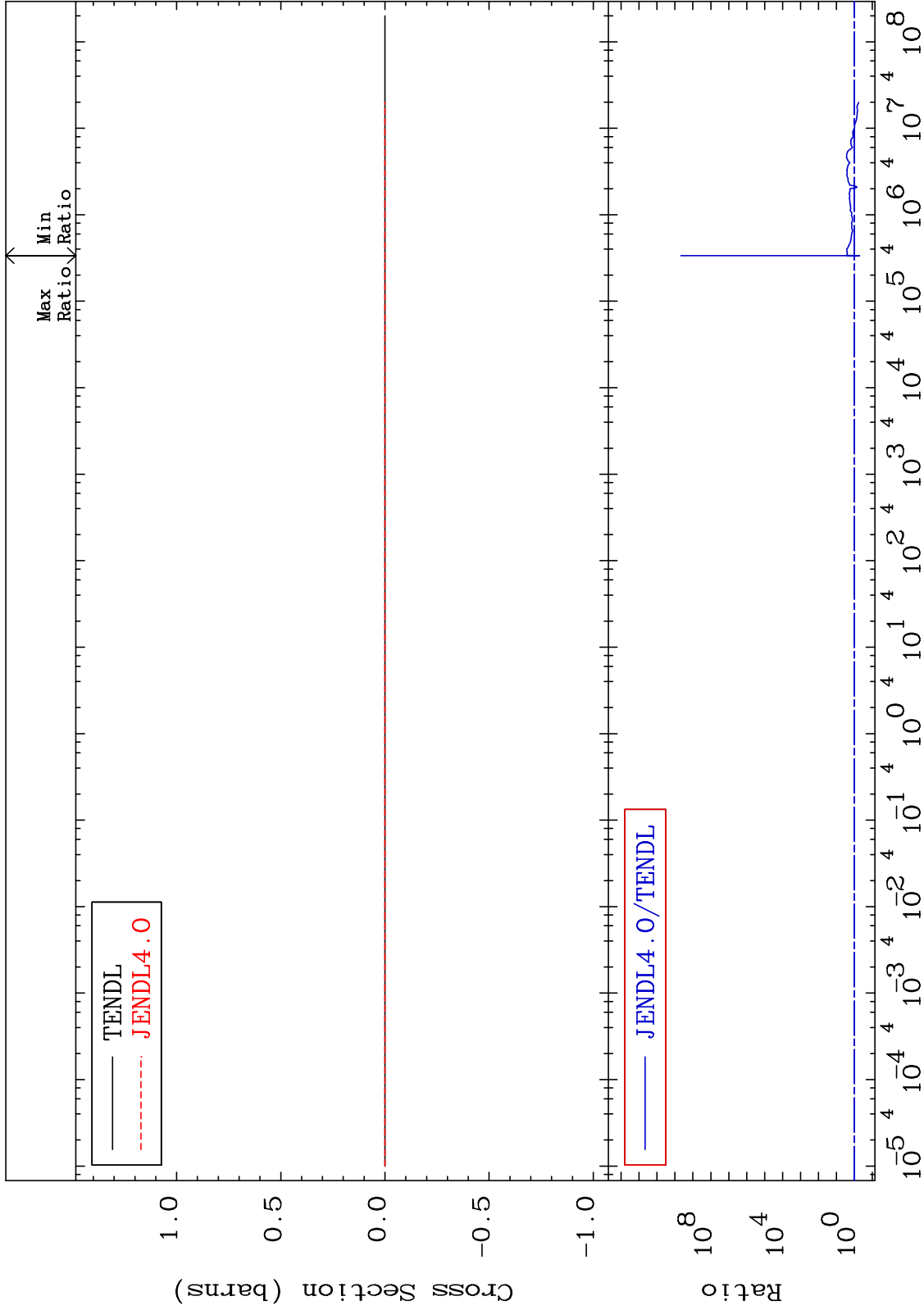
Incident Energy (eV)

66-Dy-154

MAT 6619

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

66-Dy-154
-49.37 To 9999. %



48

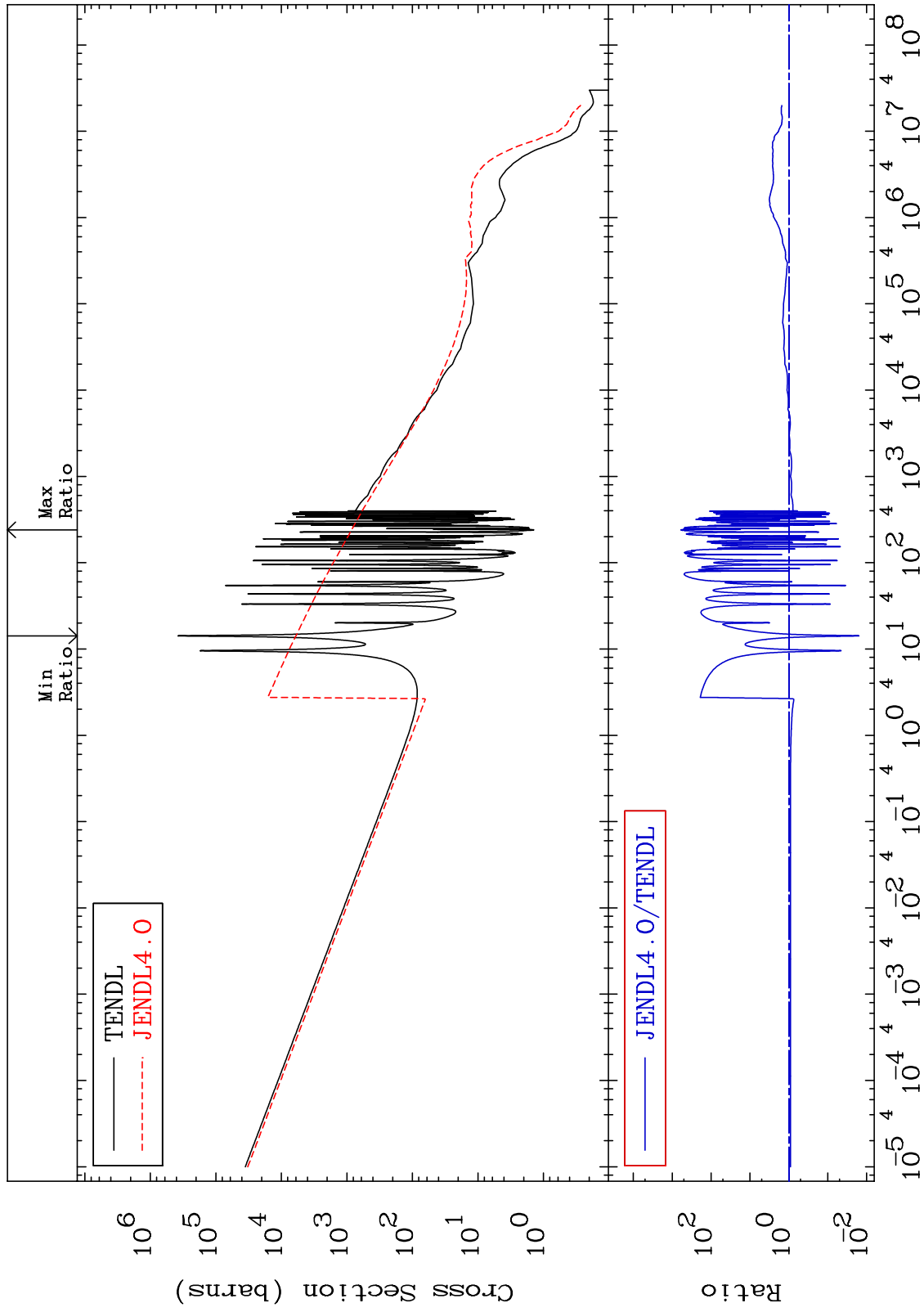
Incident Energy (eV)

66-Dy-154

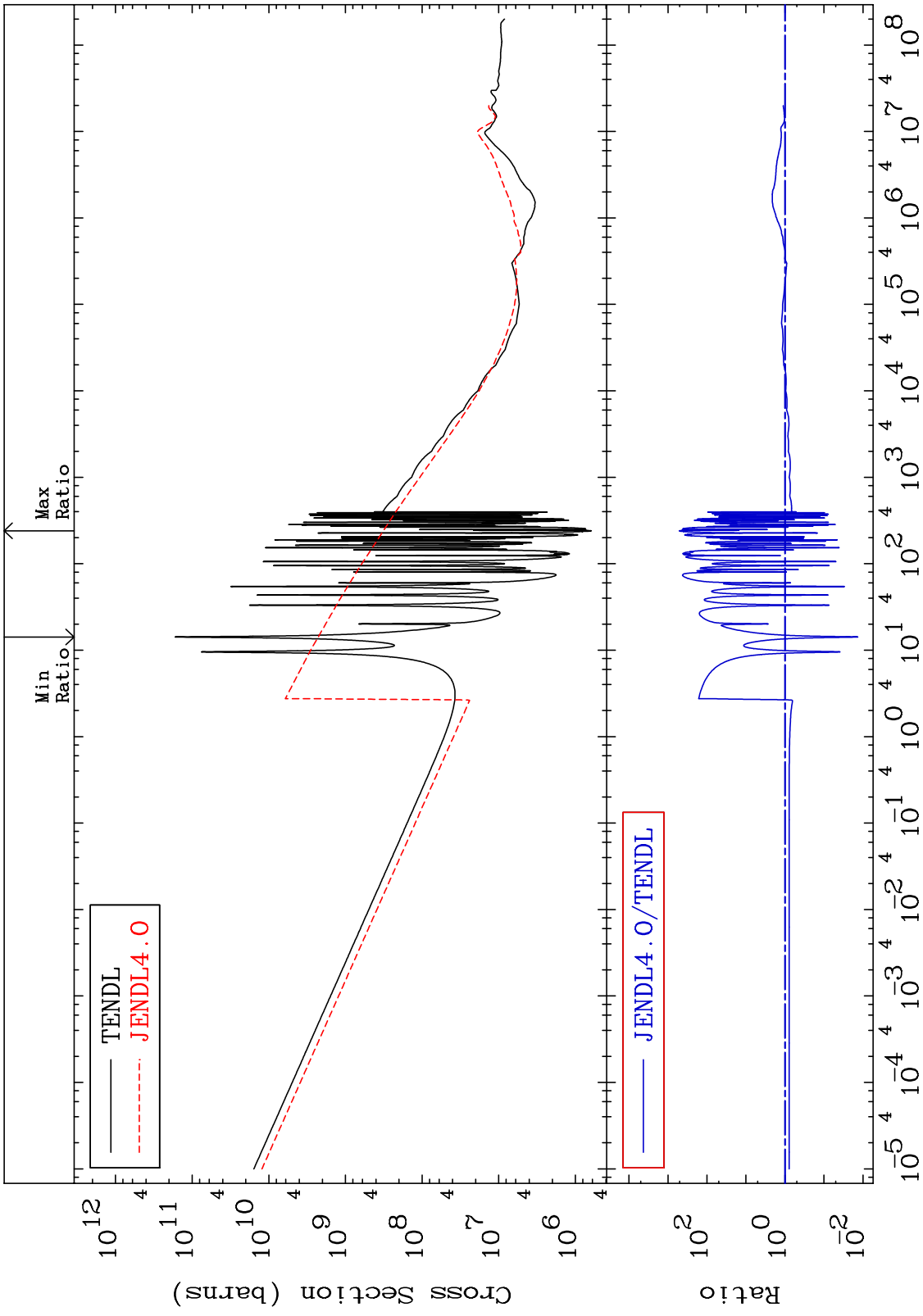
MAT 6619

Kerma capture (mt102)
Cross Section

66-Dy-154
-98.42 To 9999. %

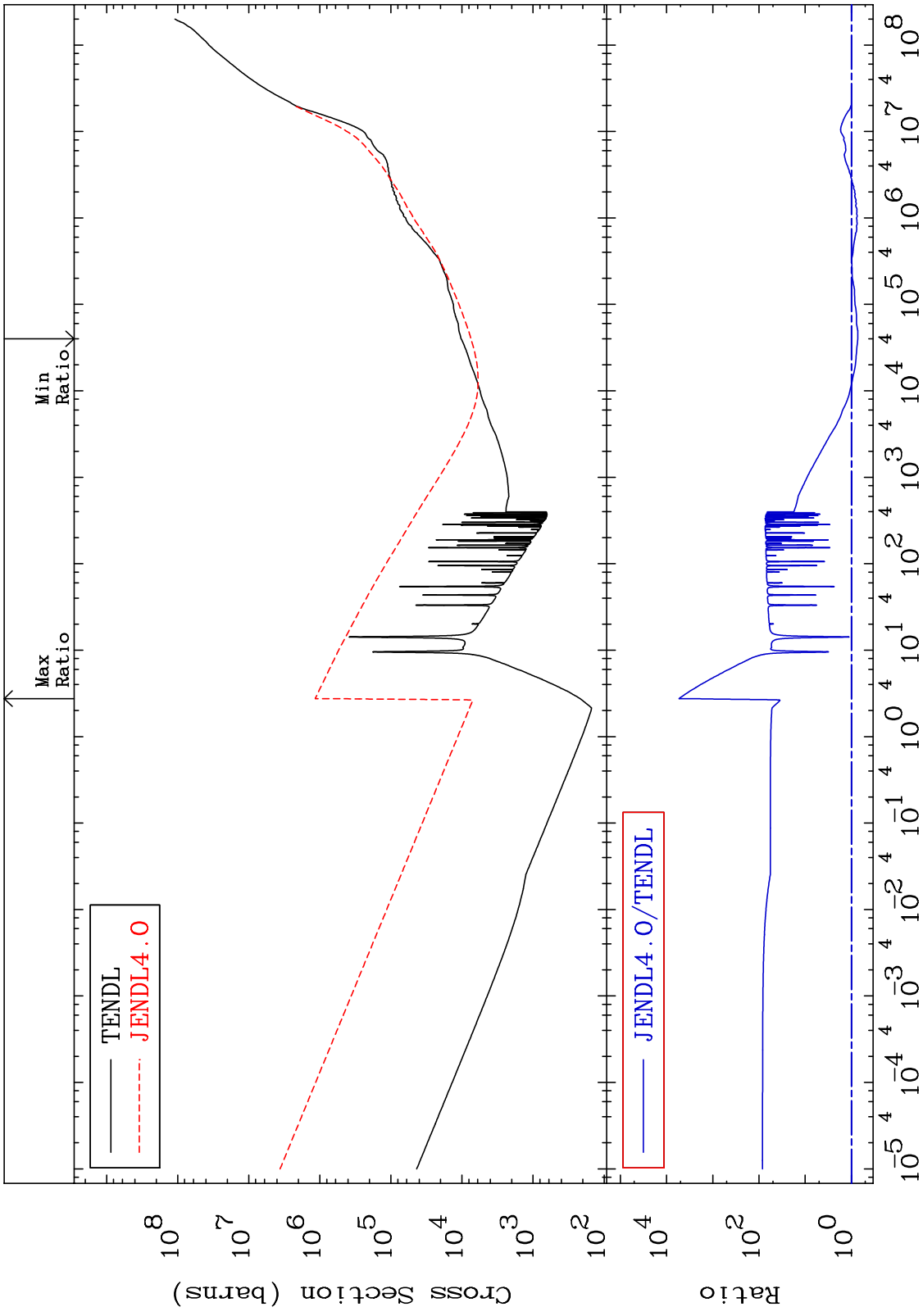


MAT 6619 66-Dy-154
-98.65 To 9999. %
 Total photon (eV-barns)
 Cross Section

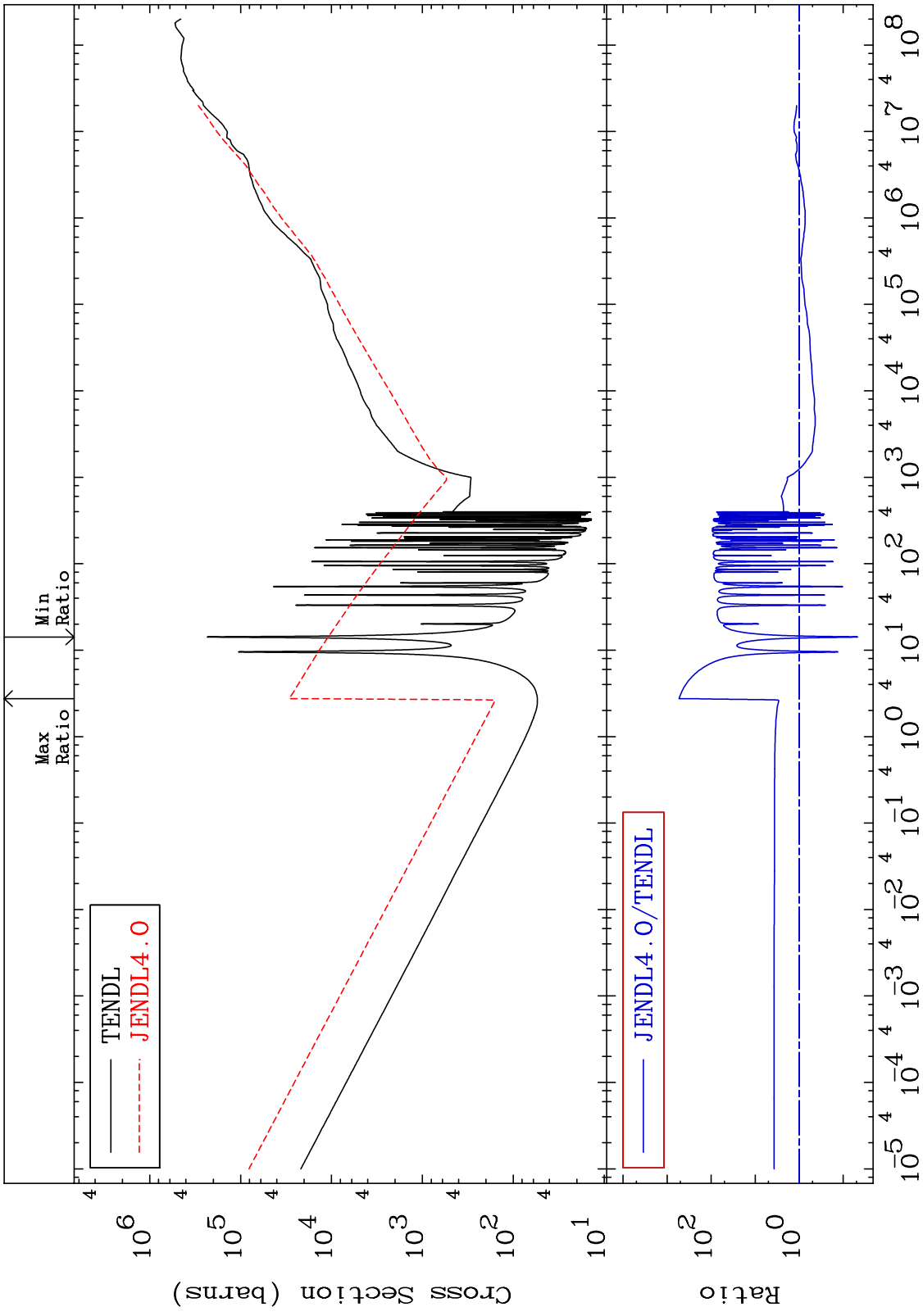


50 Incident Energy (eV) 66-Dy-154

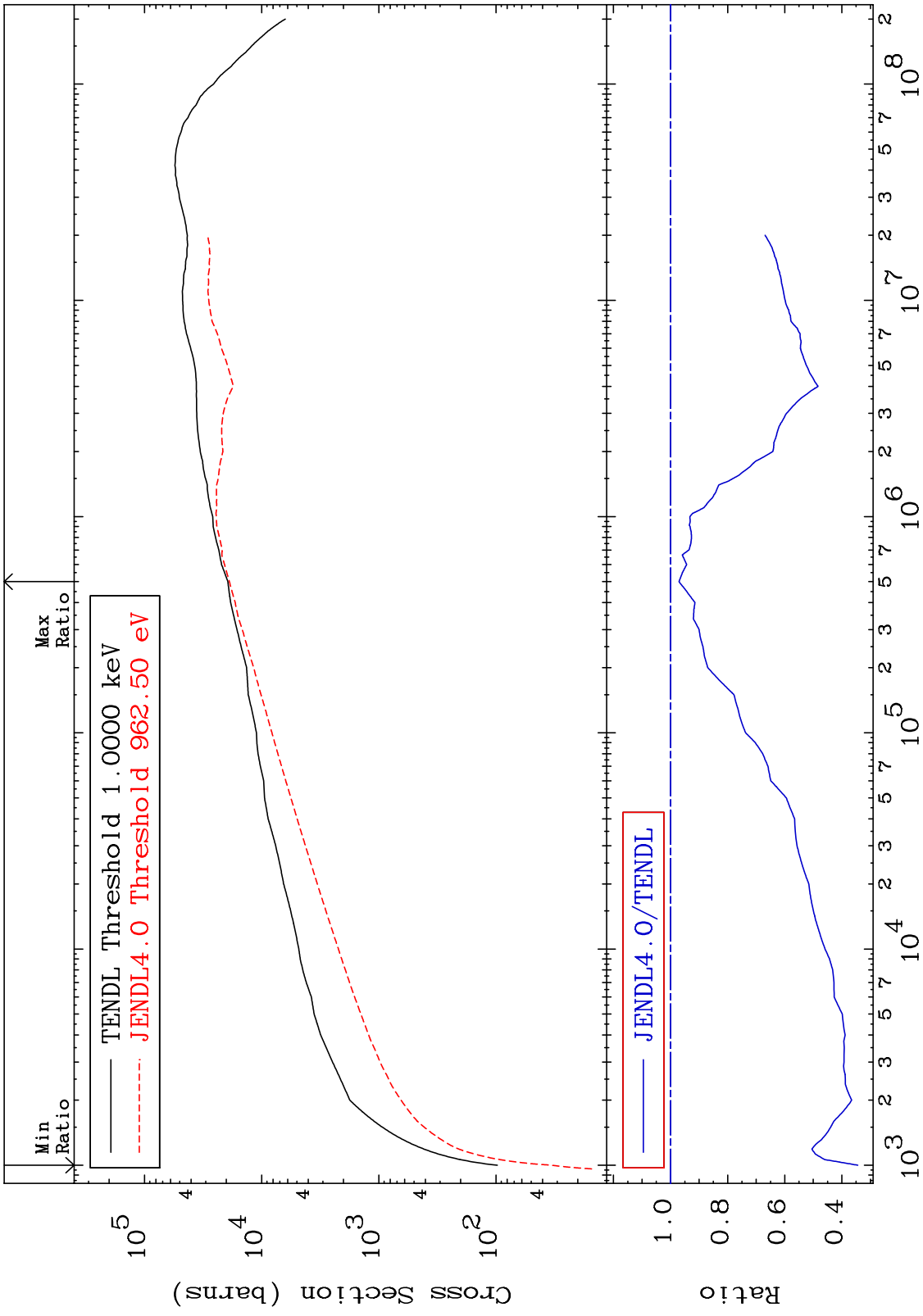
MAT 6619 Total kinematic kerma (high limit) 66-Dy-154
 Cross Section -27.39 To 9999. %

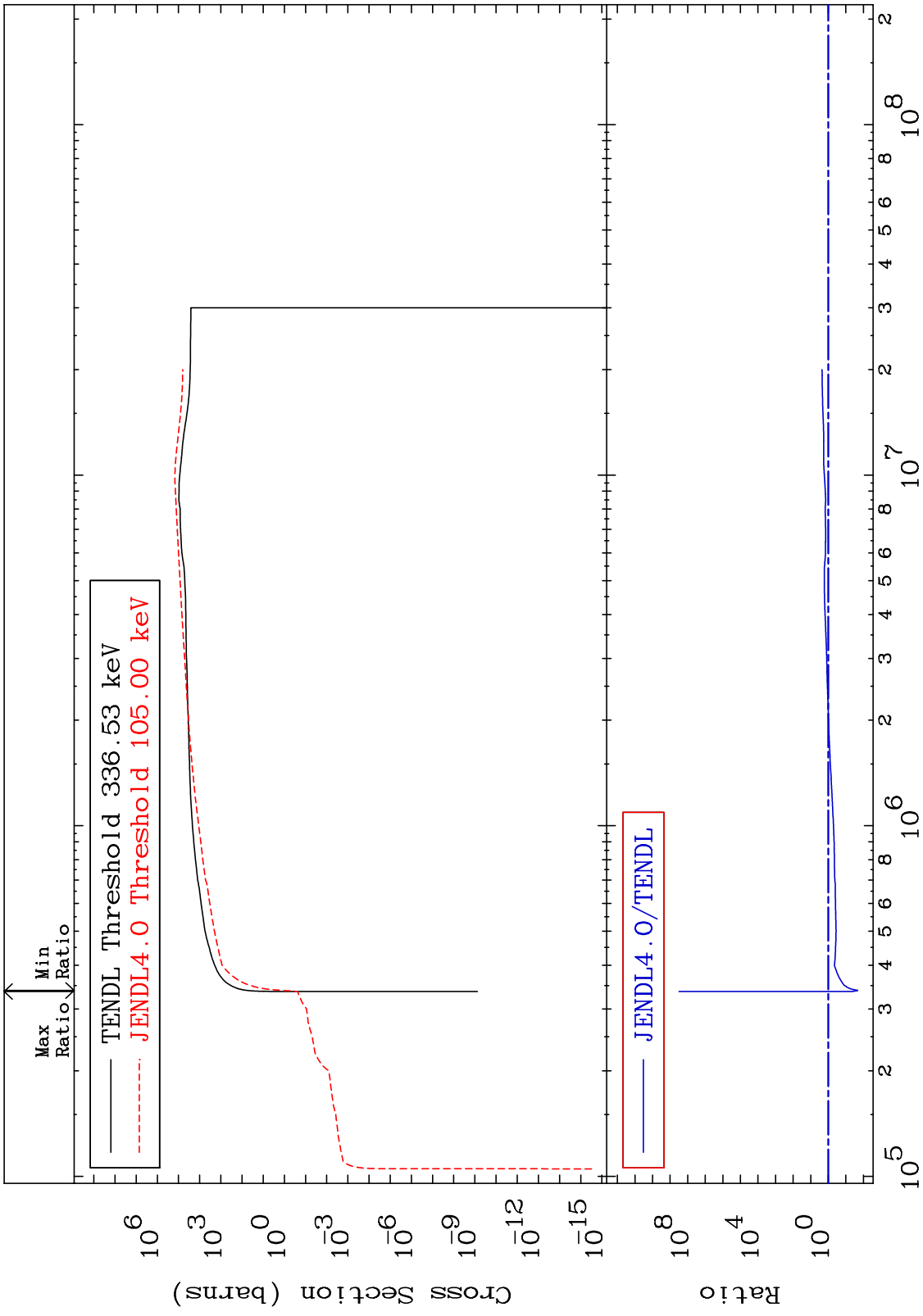


MAT 6619 Dpa total (eV-barns) 66-Dy-154
 Cross Section -95.34 To 9999. %



MAT 6619 66-Dy-154
-65.61 To -2.969%
 Dpa elastic (mt2)
 Cross Section





MAT 6619 Dpa disappearance (mt102 -120) 66-Dy-154
 Cross Section -95.34 To 9999. %

