

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

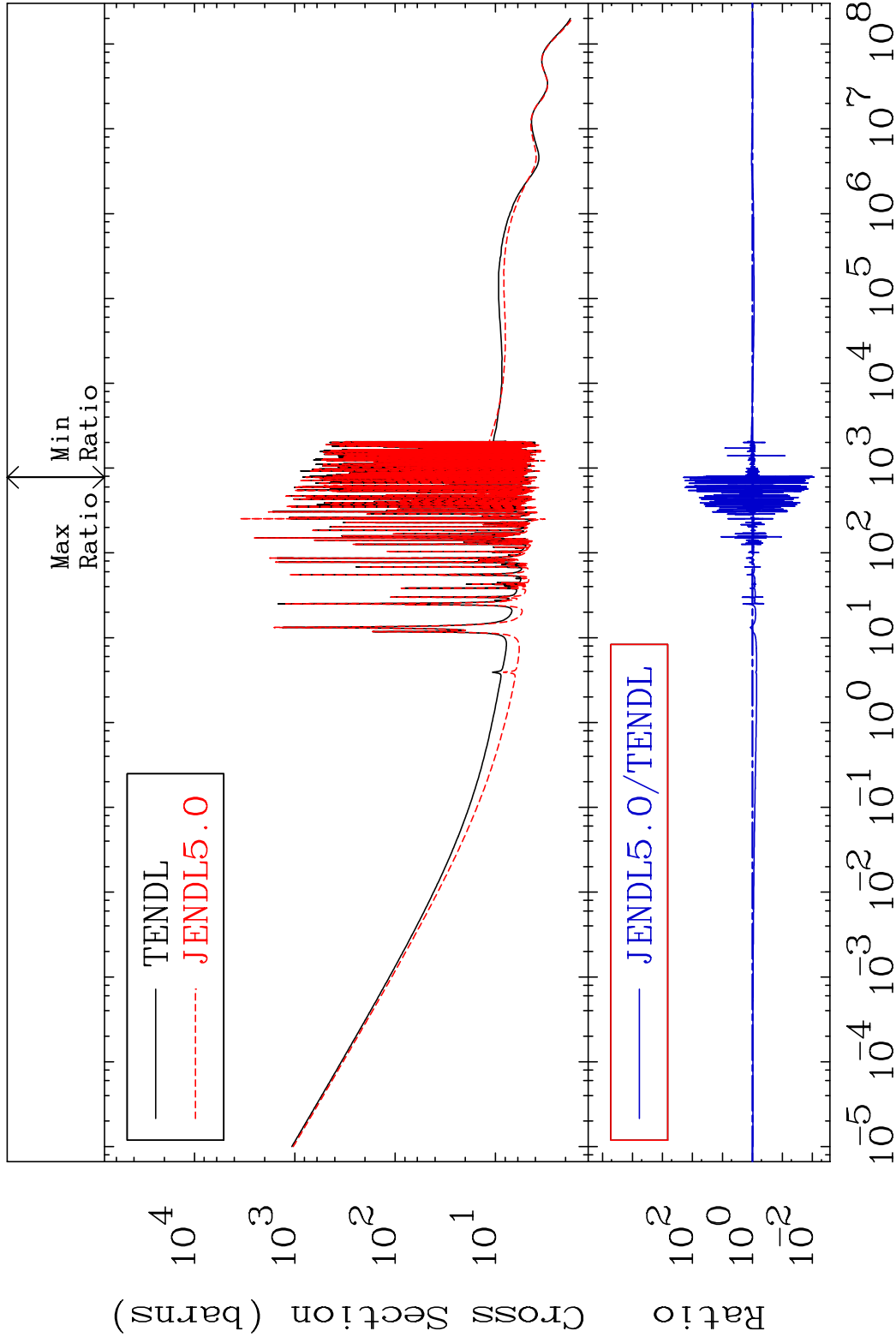
Press Mouse Button to Start

MAT 4634

Total

46-Pd-105

Cross Section -99.13 To 9999. %



1

Incident Energy (eV)

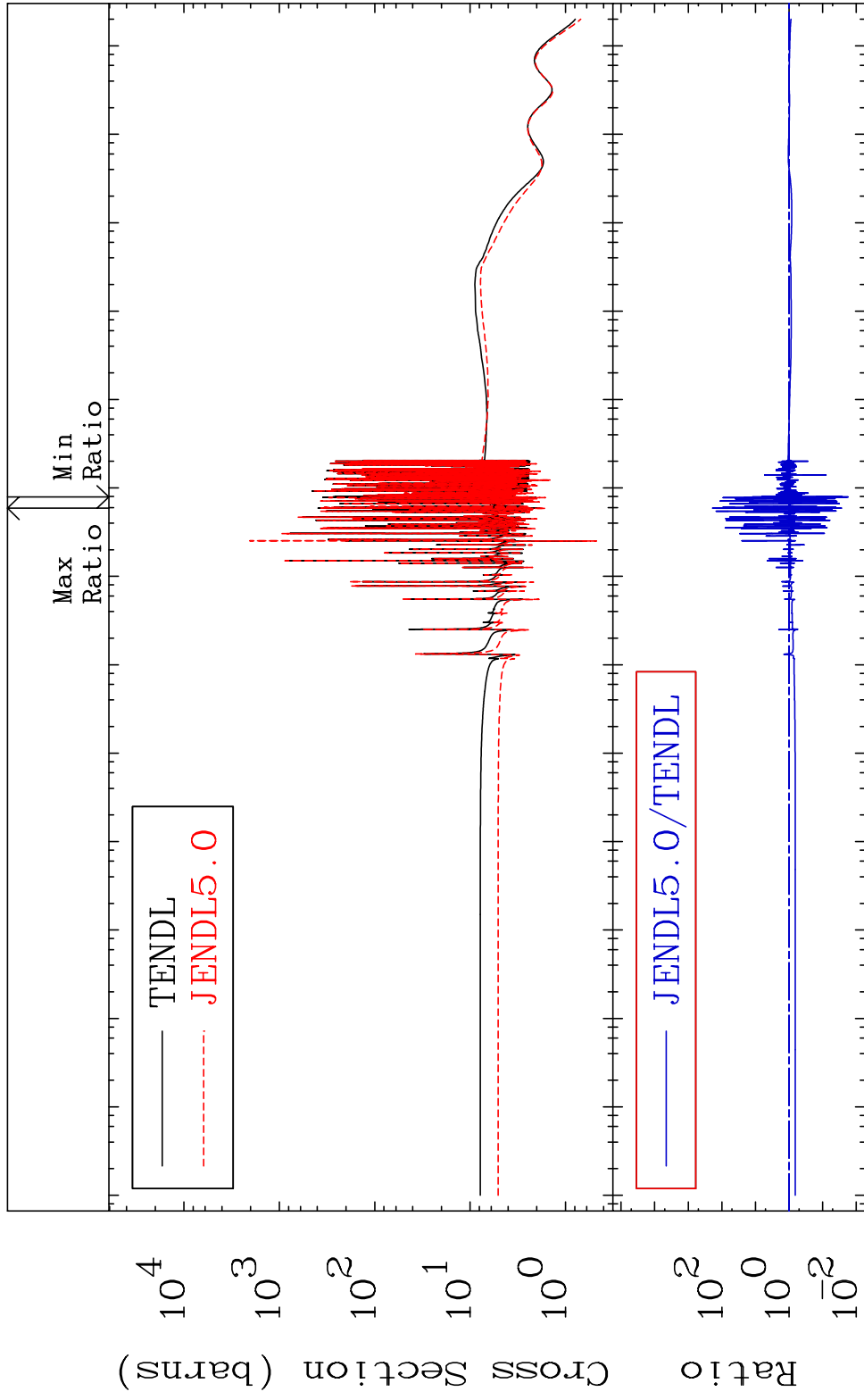
46-Pd-105

MAT 4634

Elastic

46-Pd-105

Cross Section -98.28 To 9999. %



2

Incident Energy (eV)

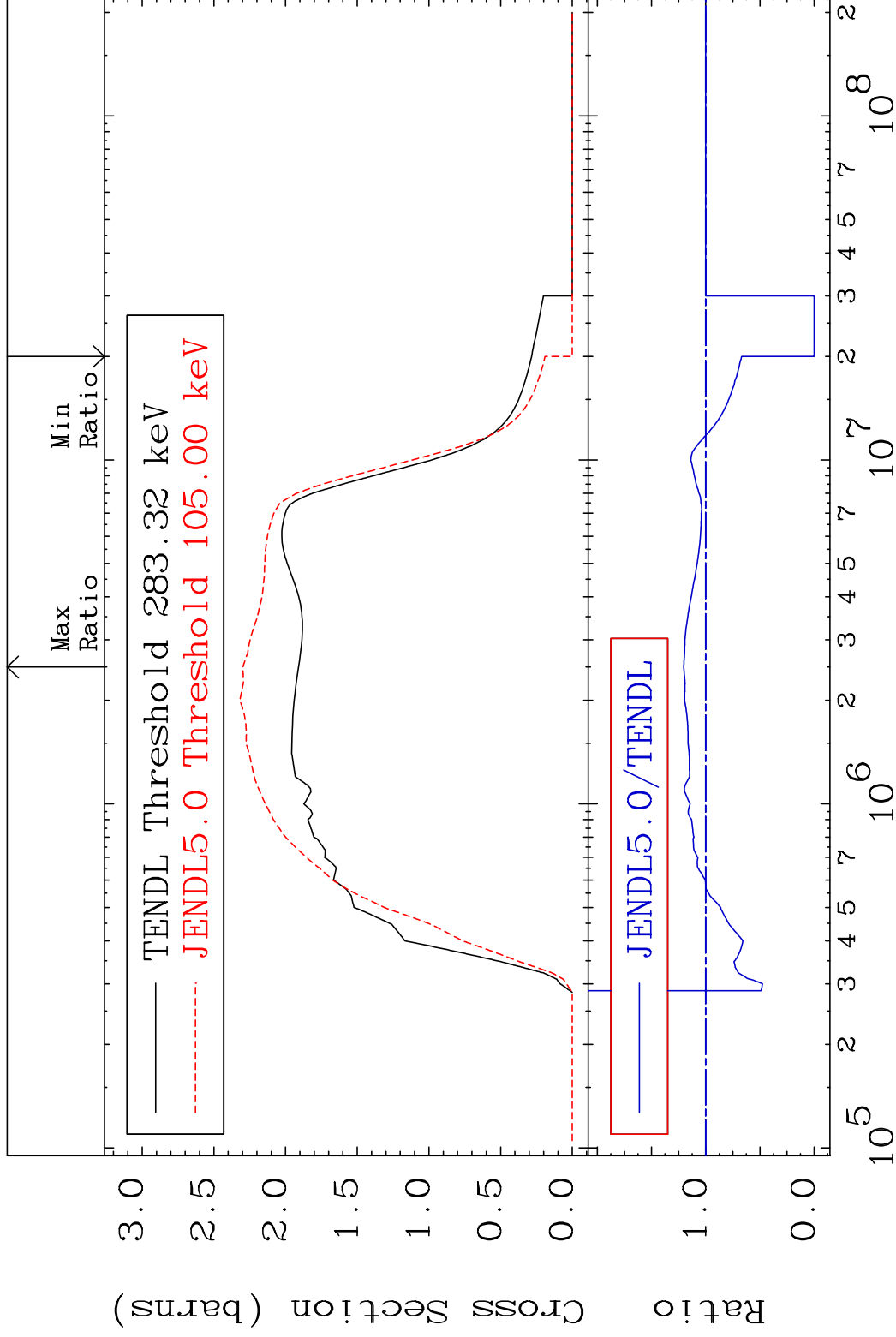
46-Pd-105

MAT 4634

Inelastic

46-Pd-105

Cross Section -100.0 To 20.34 %

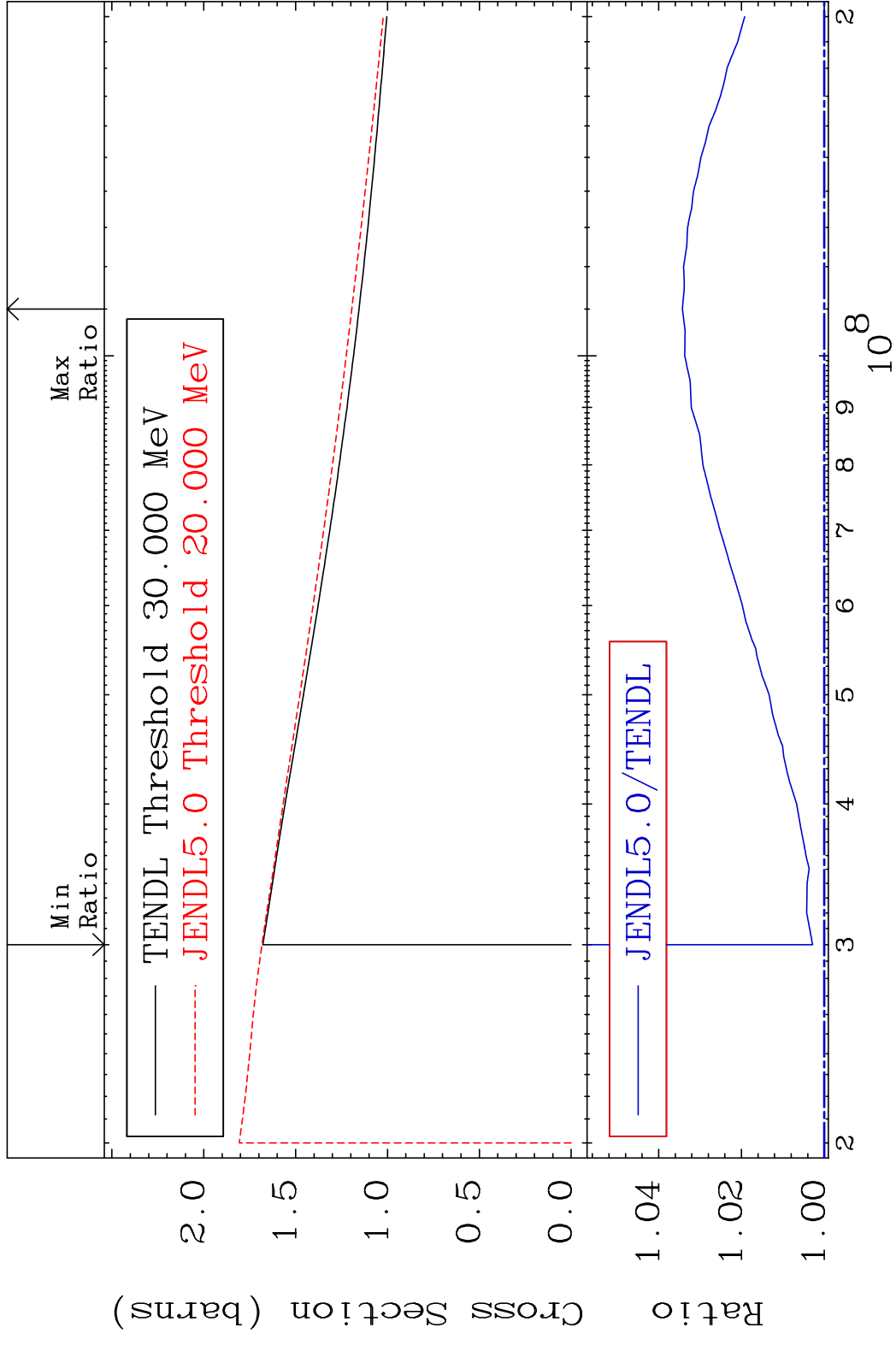


3

Incident Energy (eV)

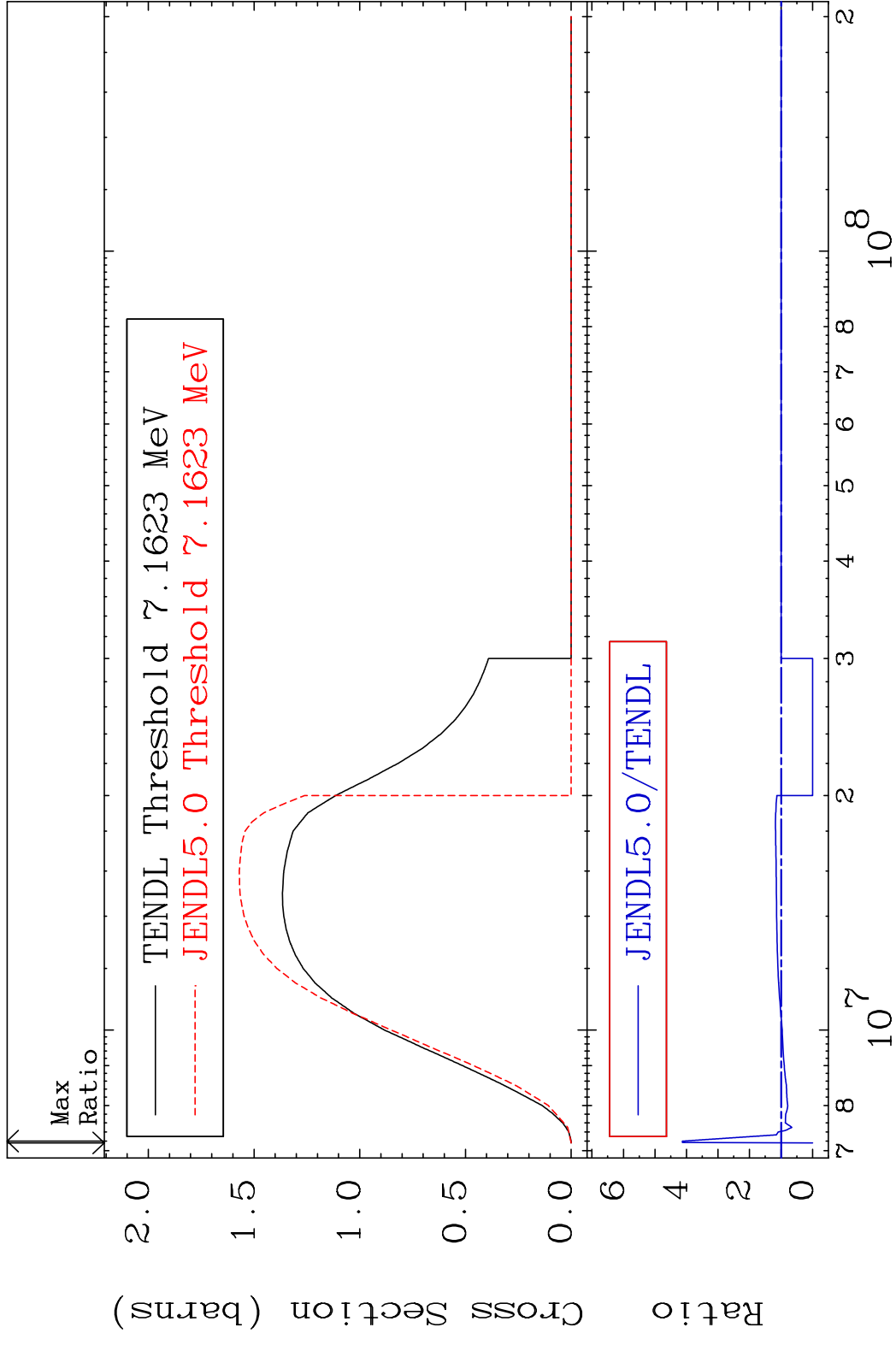
46-Pd-105

MAT 4634 (n, remainder) 46-Pd-105
 Cross Section 0.284 To 3.428 %



4 Incident Energy (eV) 46-Pd-105

MAT 4634 (n,2n) 46-Pd-105
 Cross Section -100.0 To 313.1 %



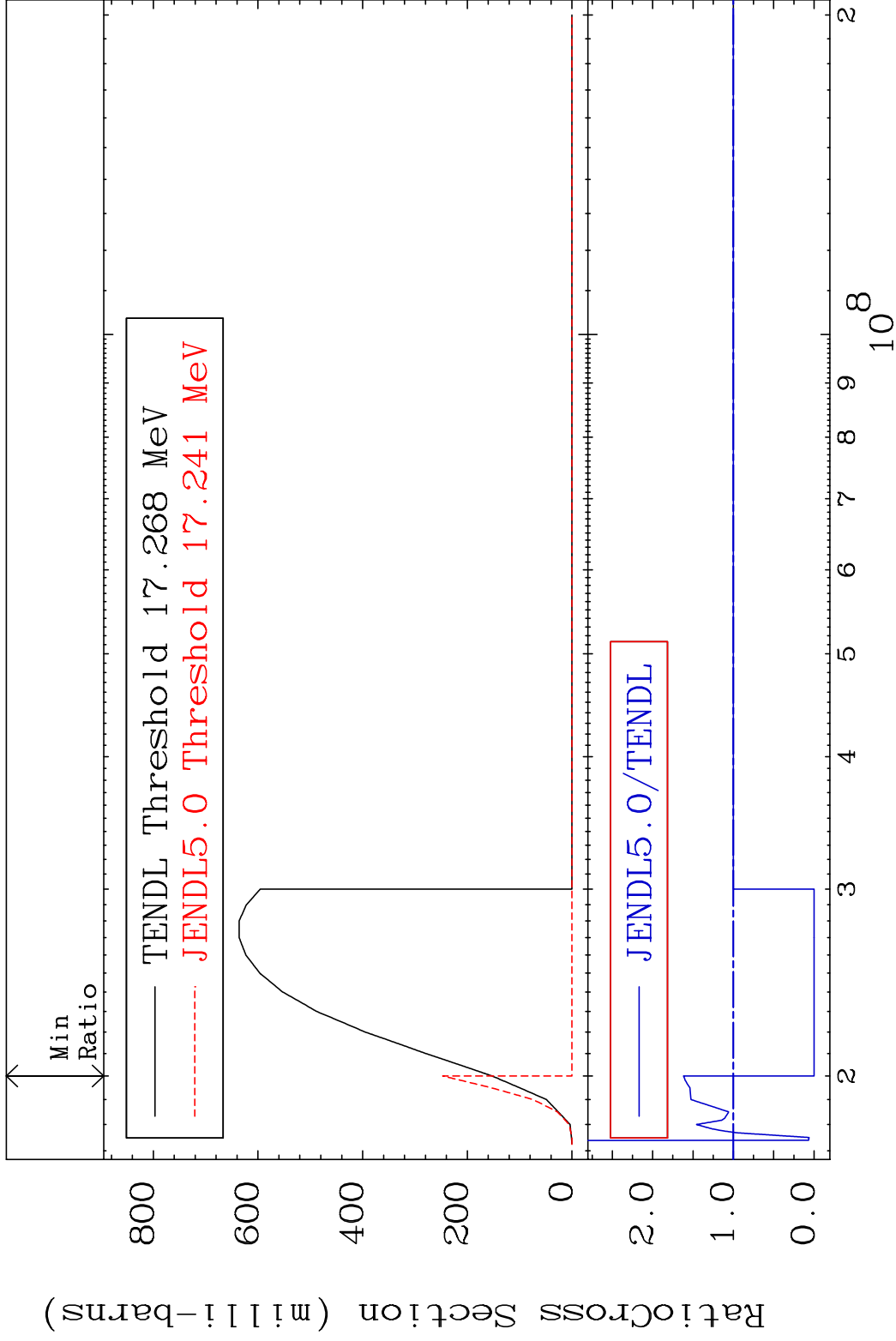
5 Incident Energy (eV) 46-Pd-105

MAT 4634

(n,3n)

46-Pd-105

Cross Section -100.0 To 61.85 %

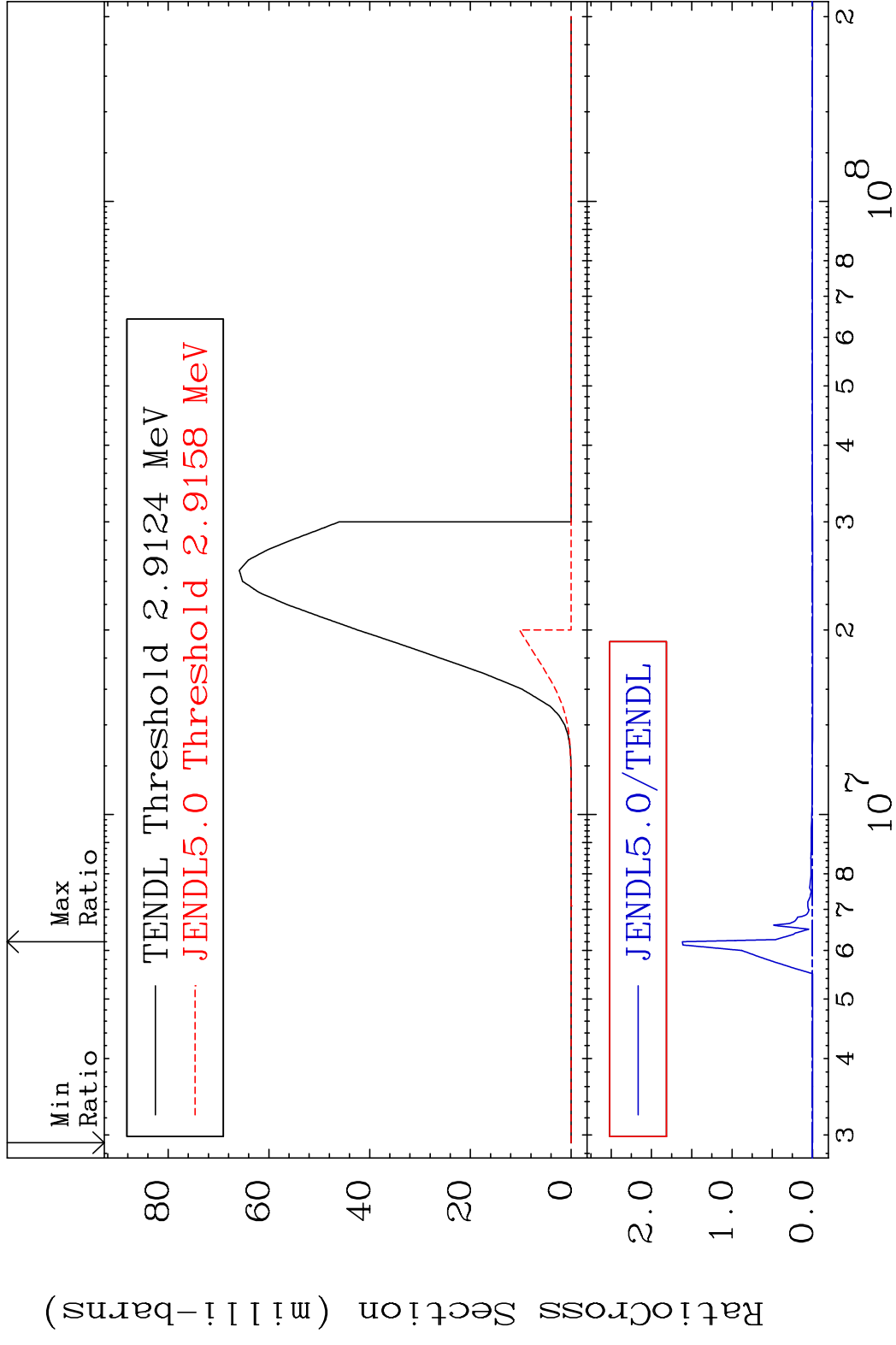


6

Incident Energy (eV)

46-Pd-105

MAT 4634 (n, n') α 46-Pd-105
 Cross Section -100.0 To 9999. %

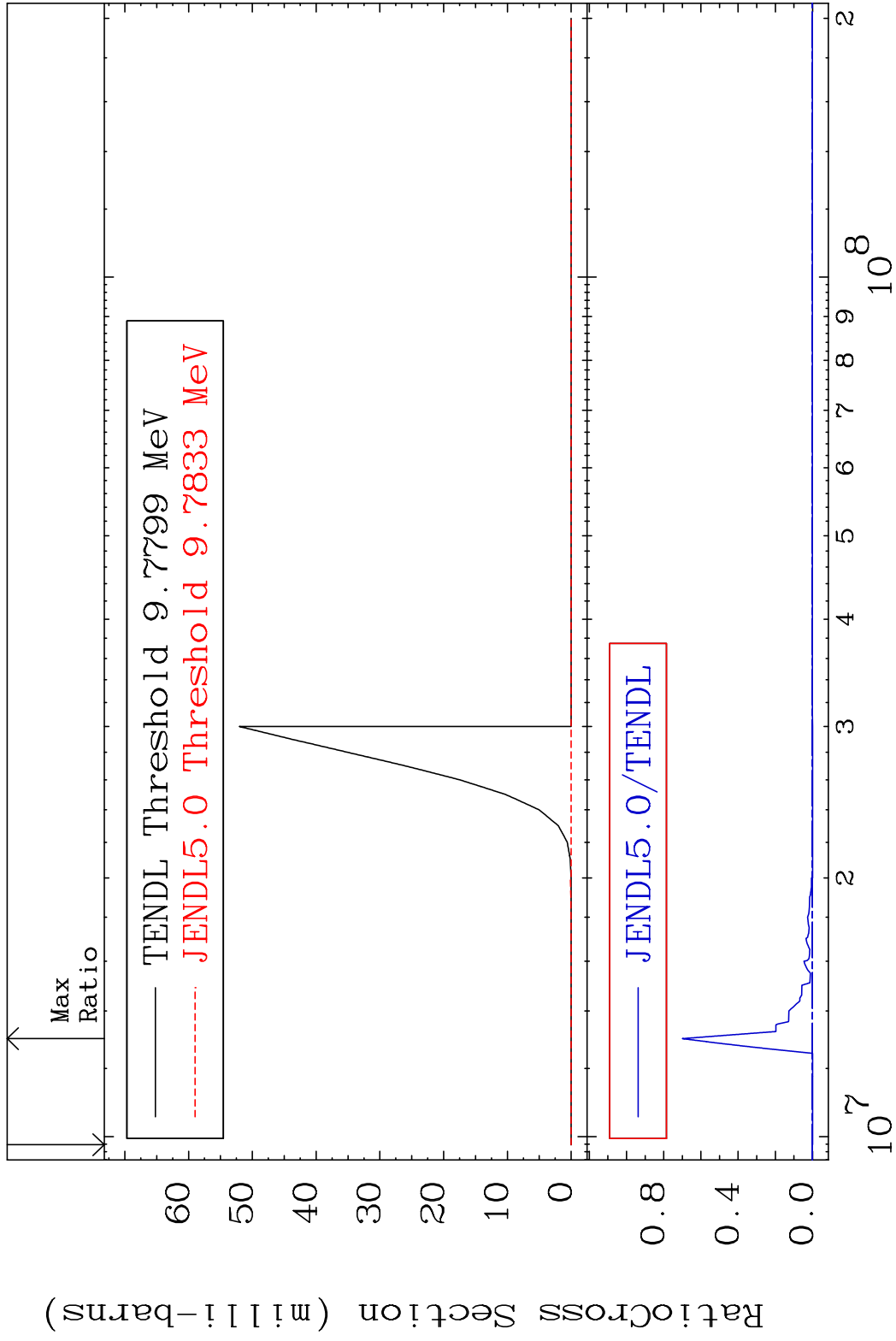


MAT 4634

(n,2n) α

46-Pd-105

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

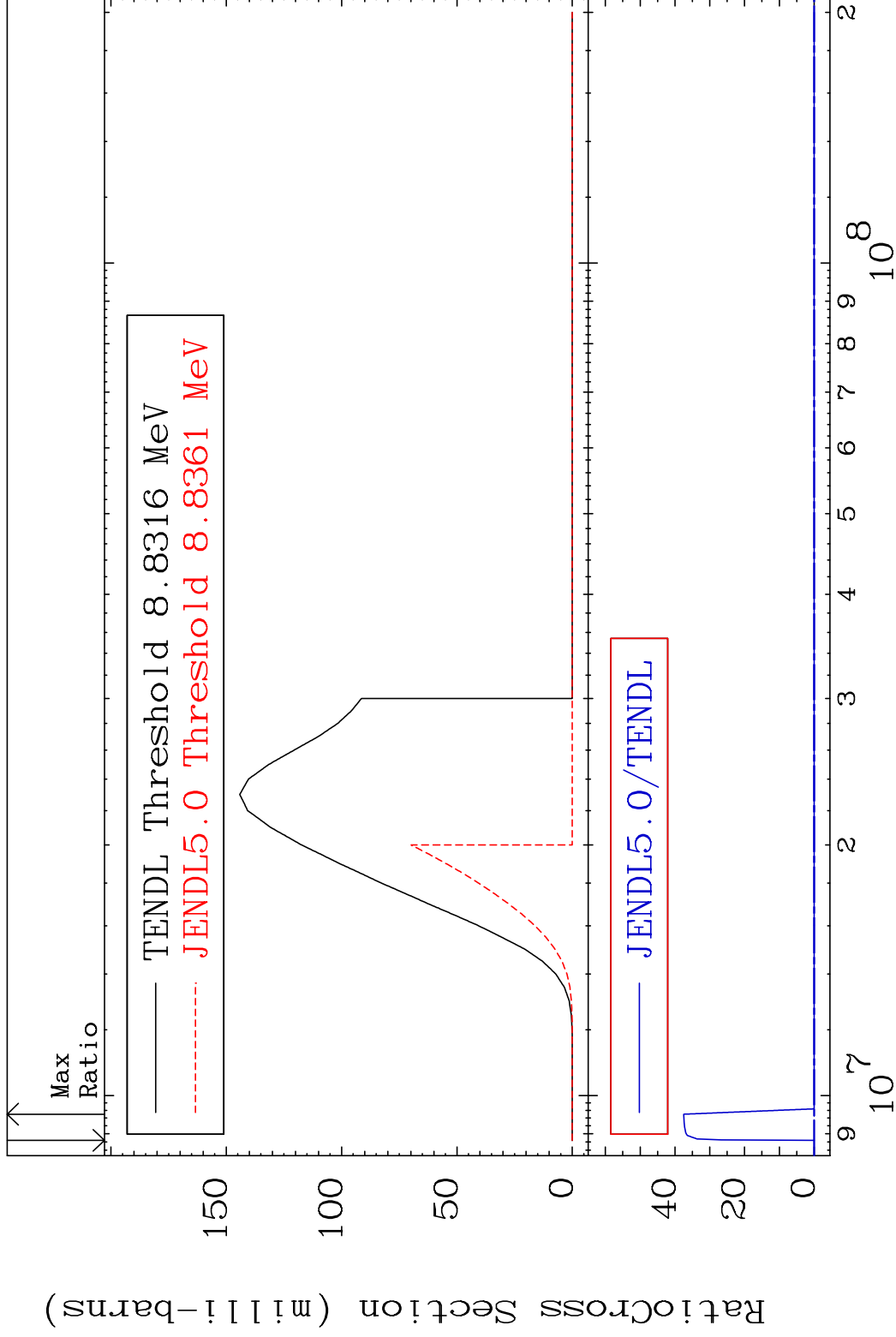
46-Pd-105

MAT 4634

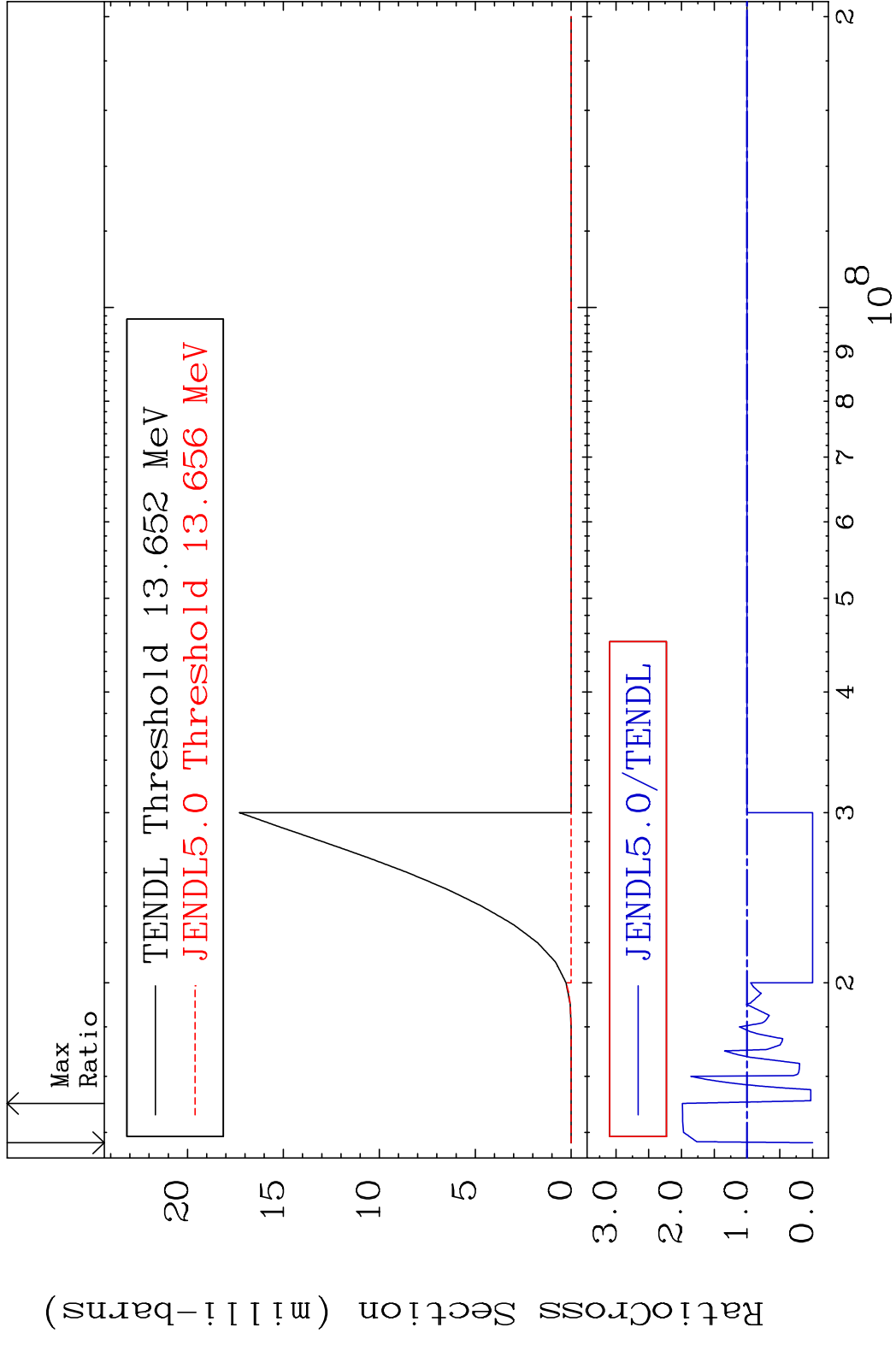
(n, n') p

46-Pd-105

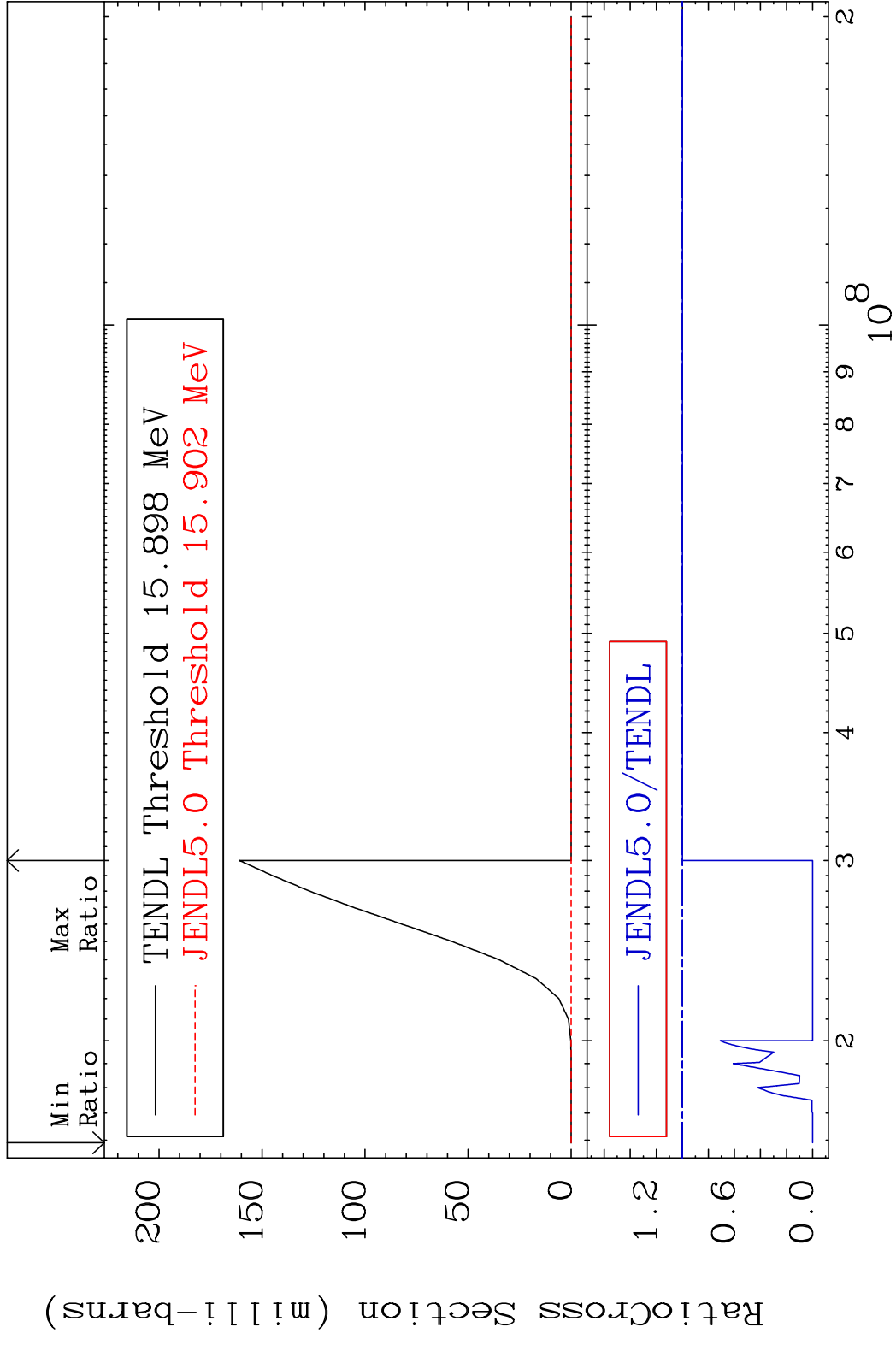
Cross Section -100.0 To 9999. %



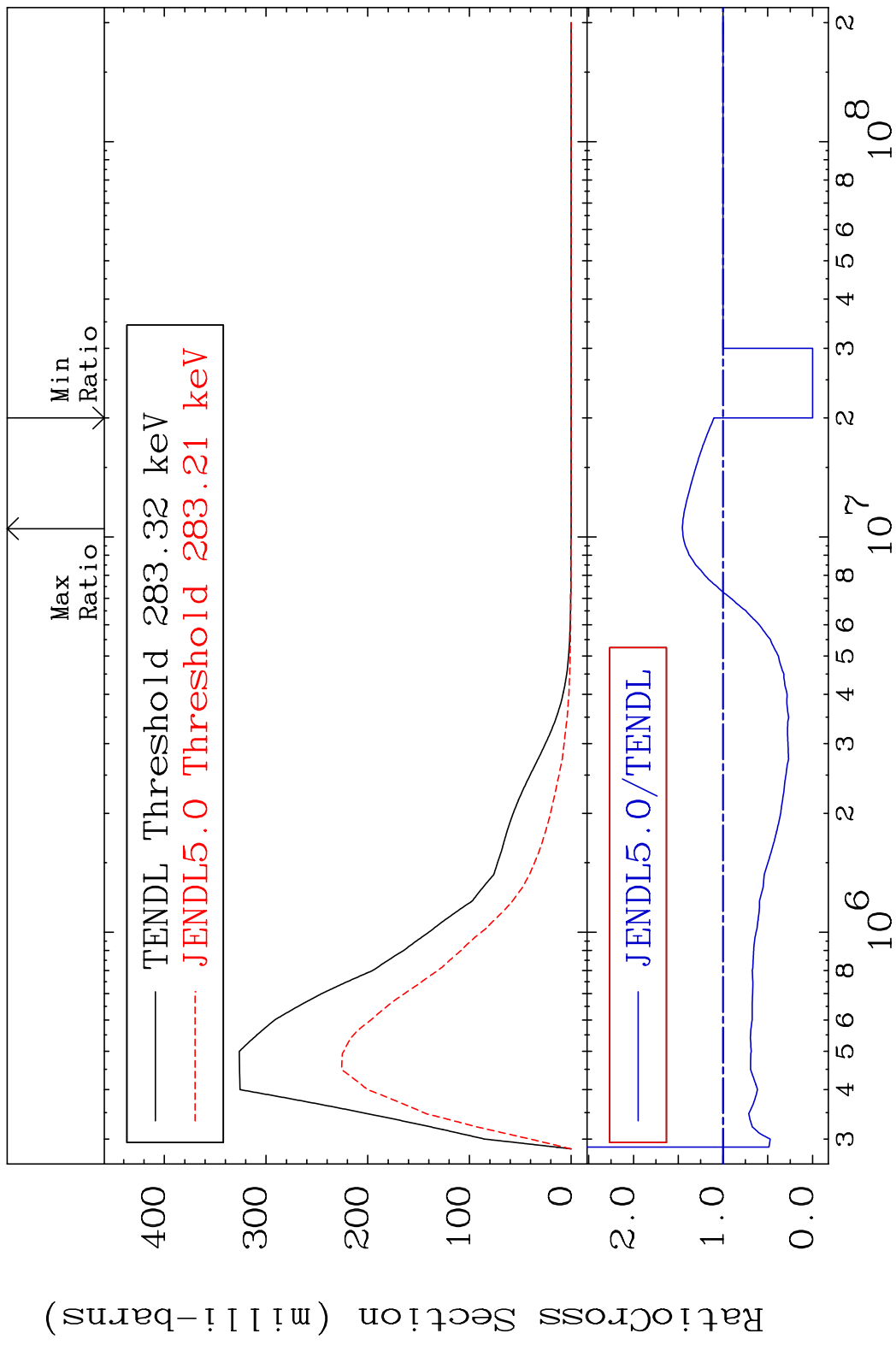
MAT 4634 (n, n') d 46-Pd-105
 Cross Section -100.0 To 98.69 %



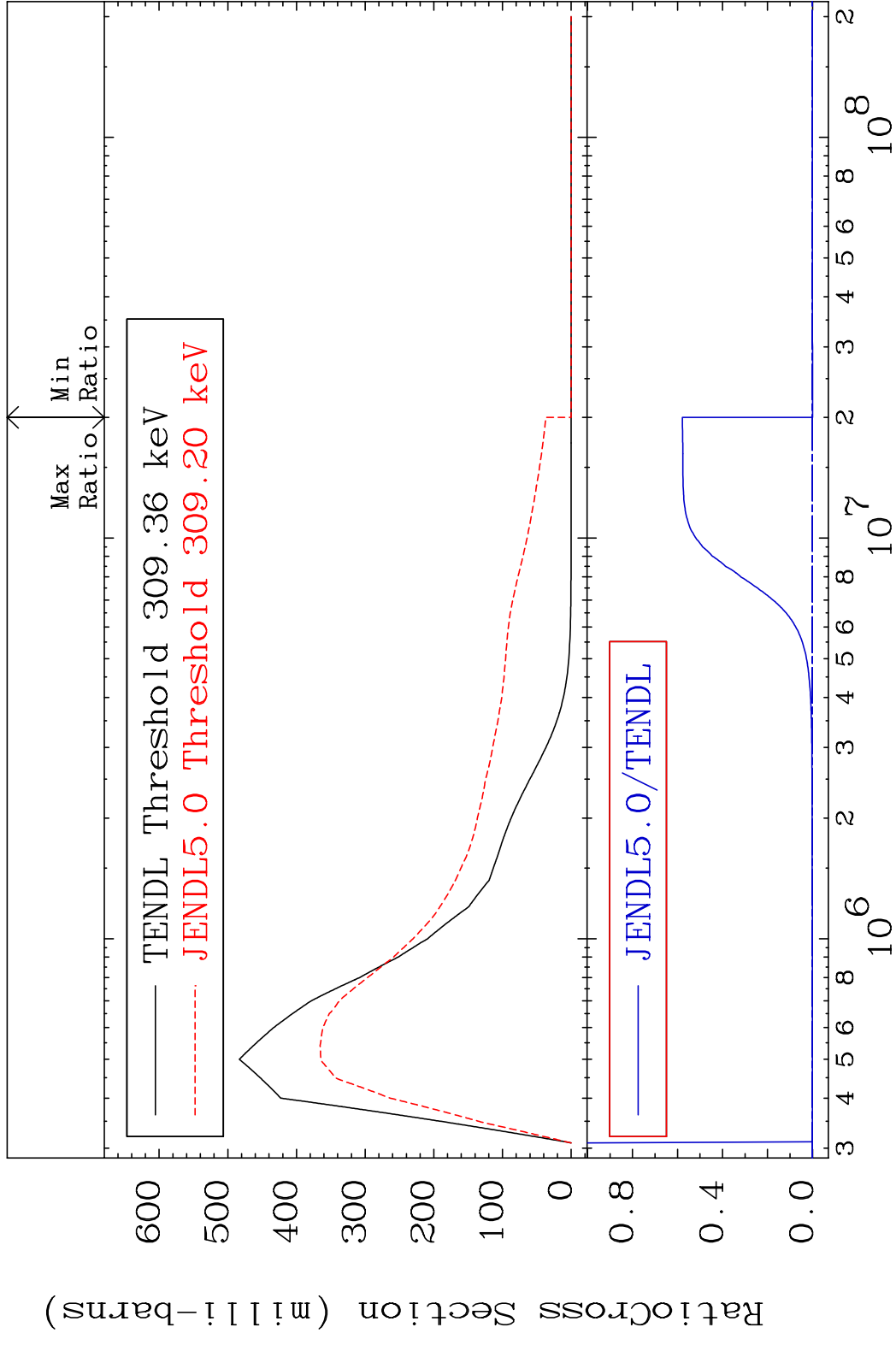
MAT 4634 (n,2n) p 46-Pd-105
 Cross Section -100.0 To 0.000 %



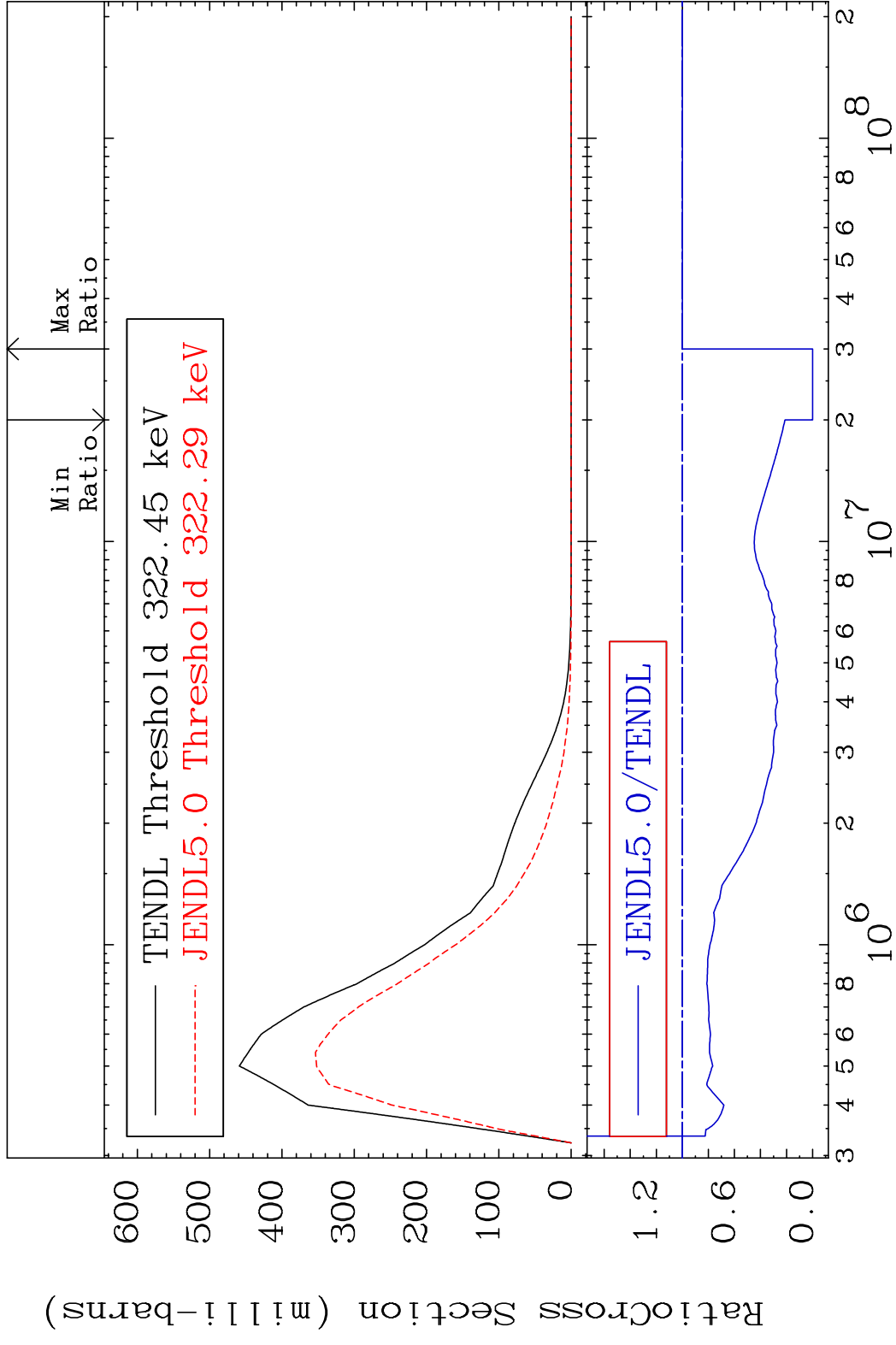
MAT 4634 MT= 51 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 45.41 %



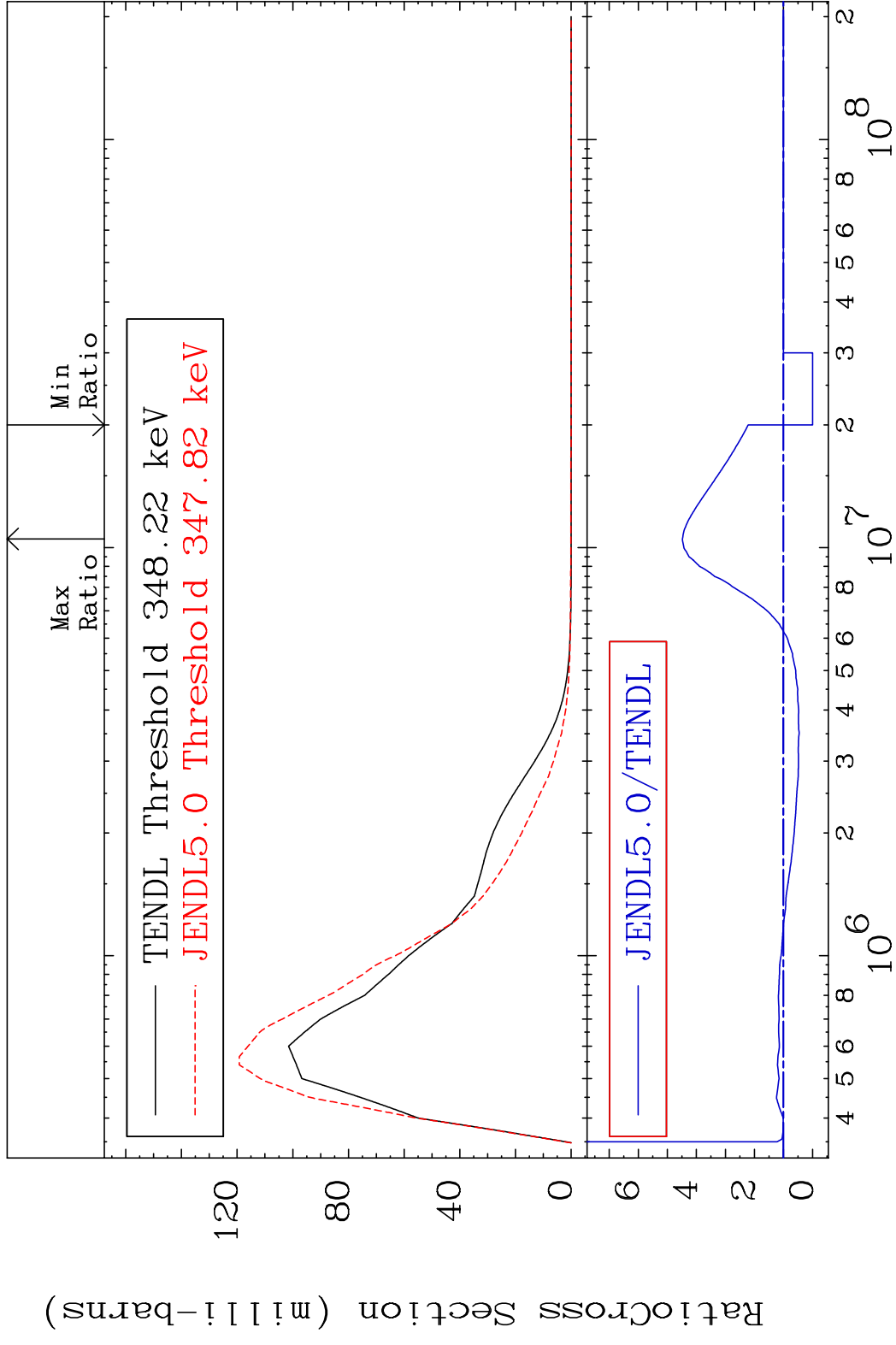
MAT 4634 MT= 52 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %



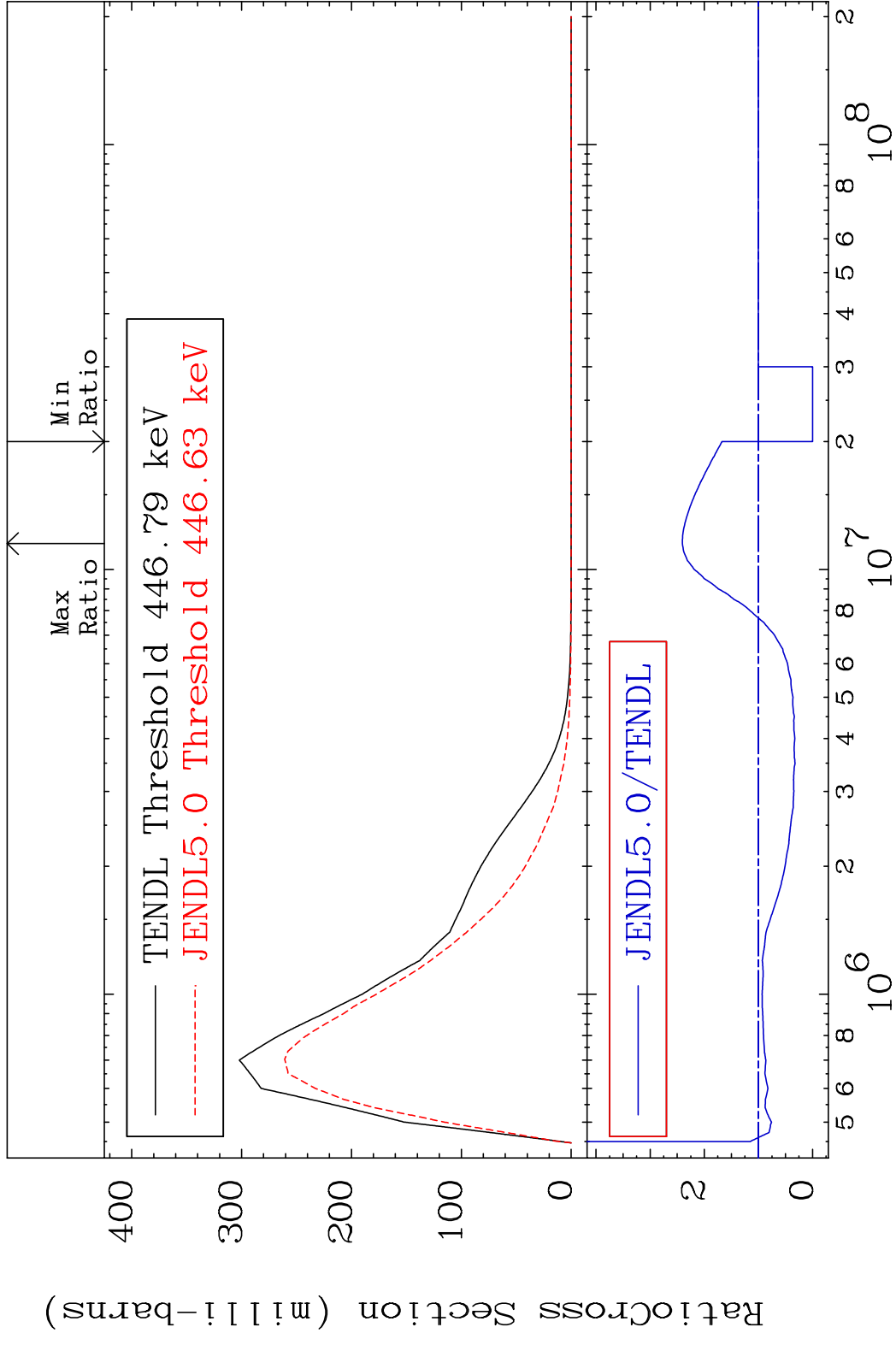
MAT 4634 MT= 53 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 0.000 %



MAT 4634 MT= 54 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 348.3 %

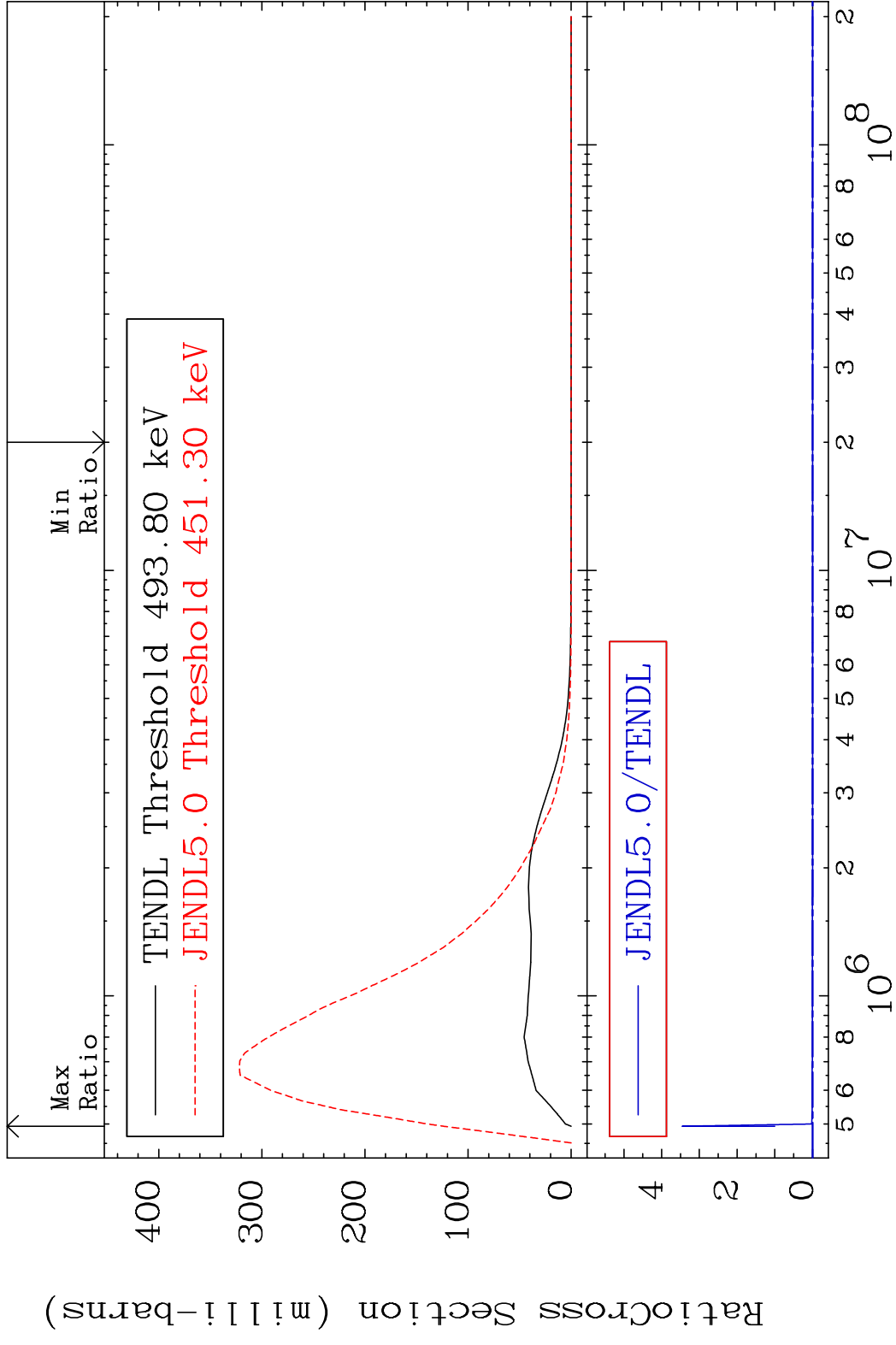


MAT 4634 MT= 55 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 140.5 %

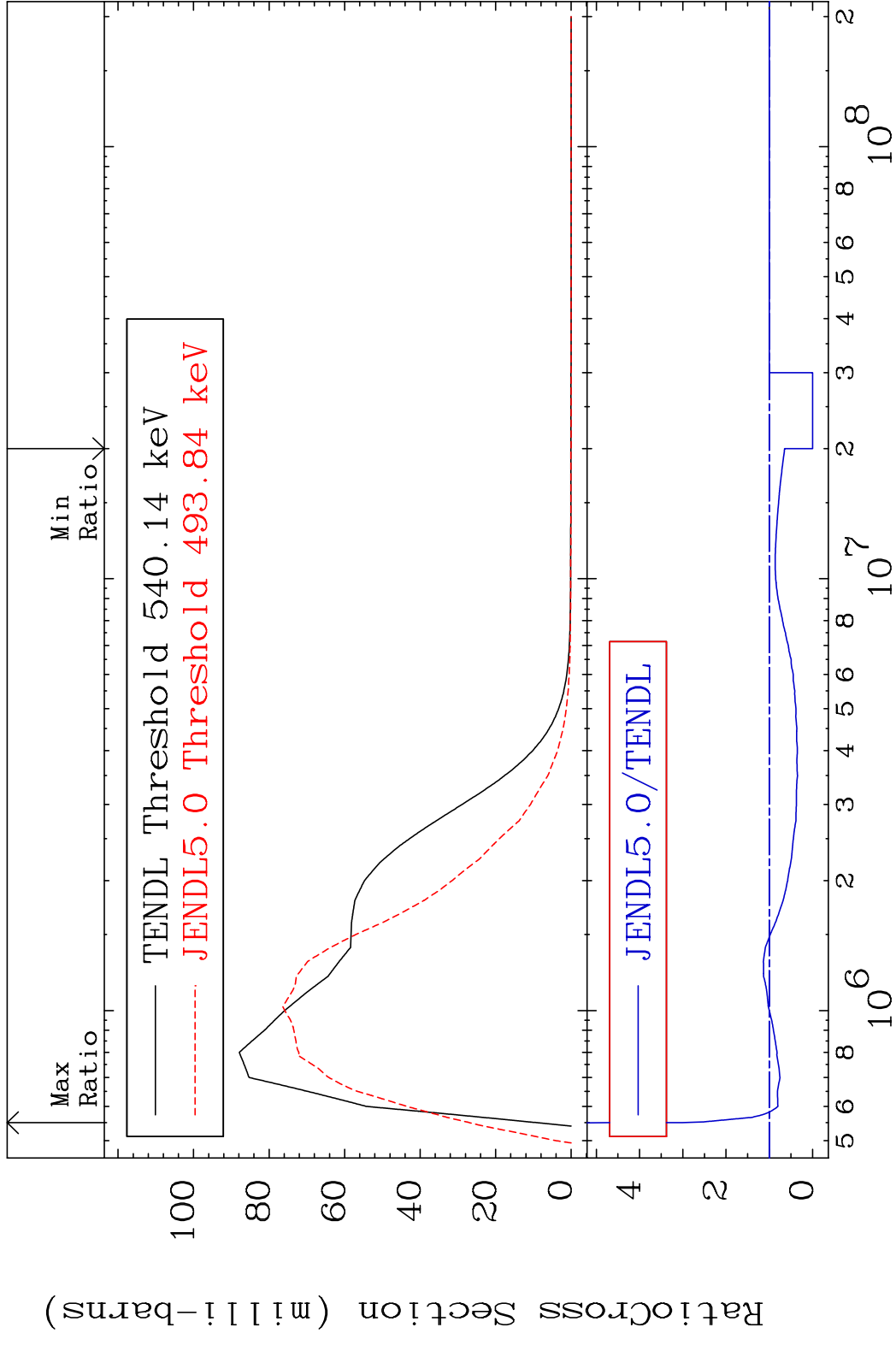


16 Incident Energy (eV) 46-Pd-105

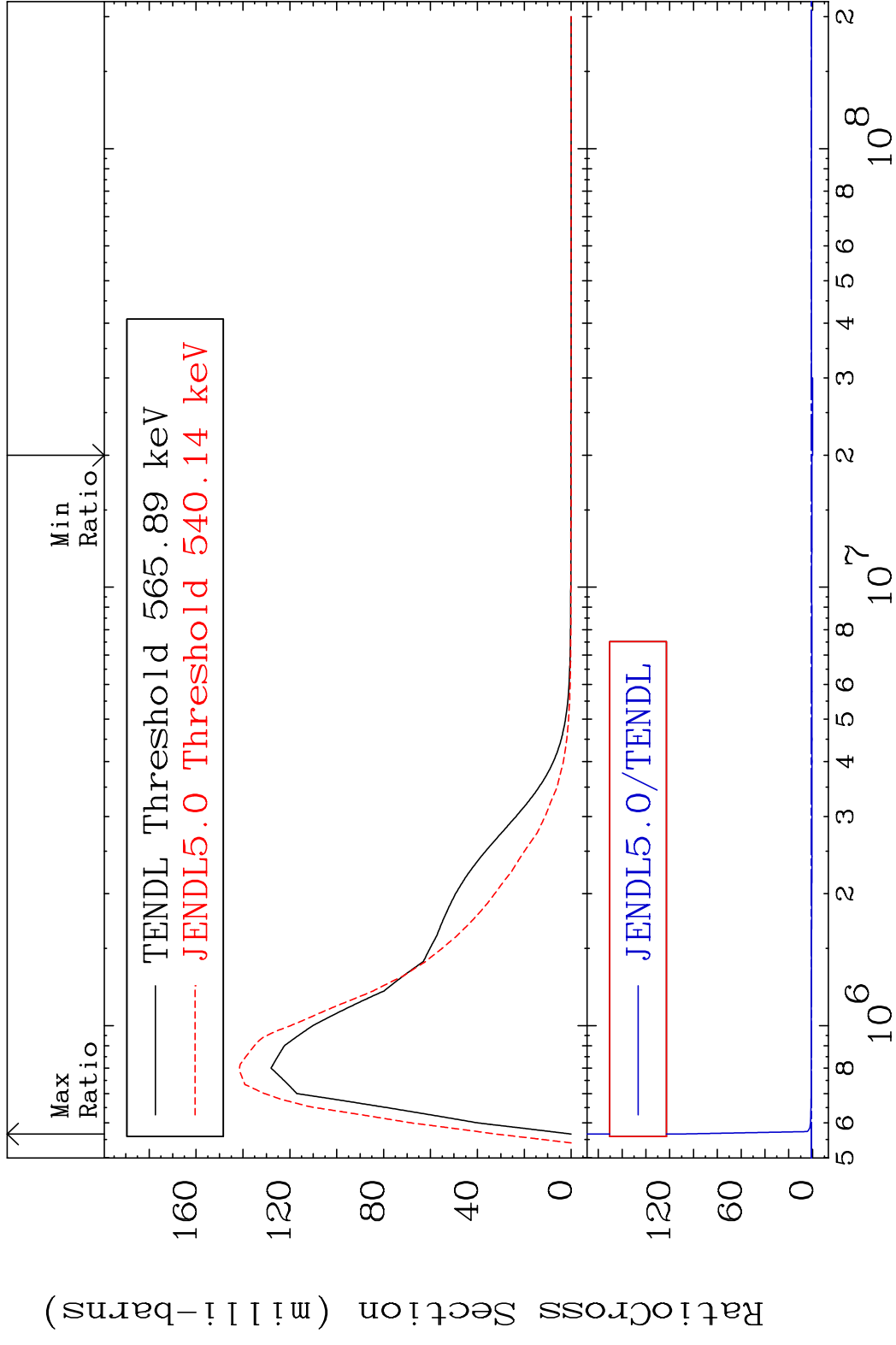
MAT 4634 MT= 56 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %



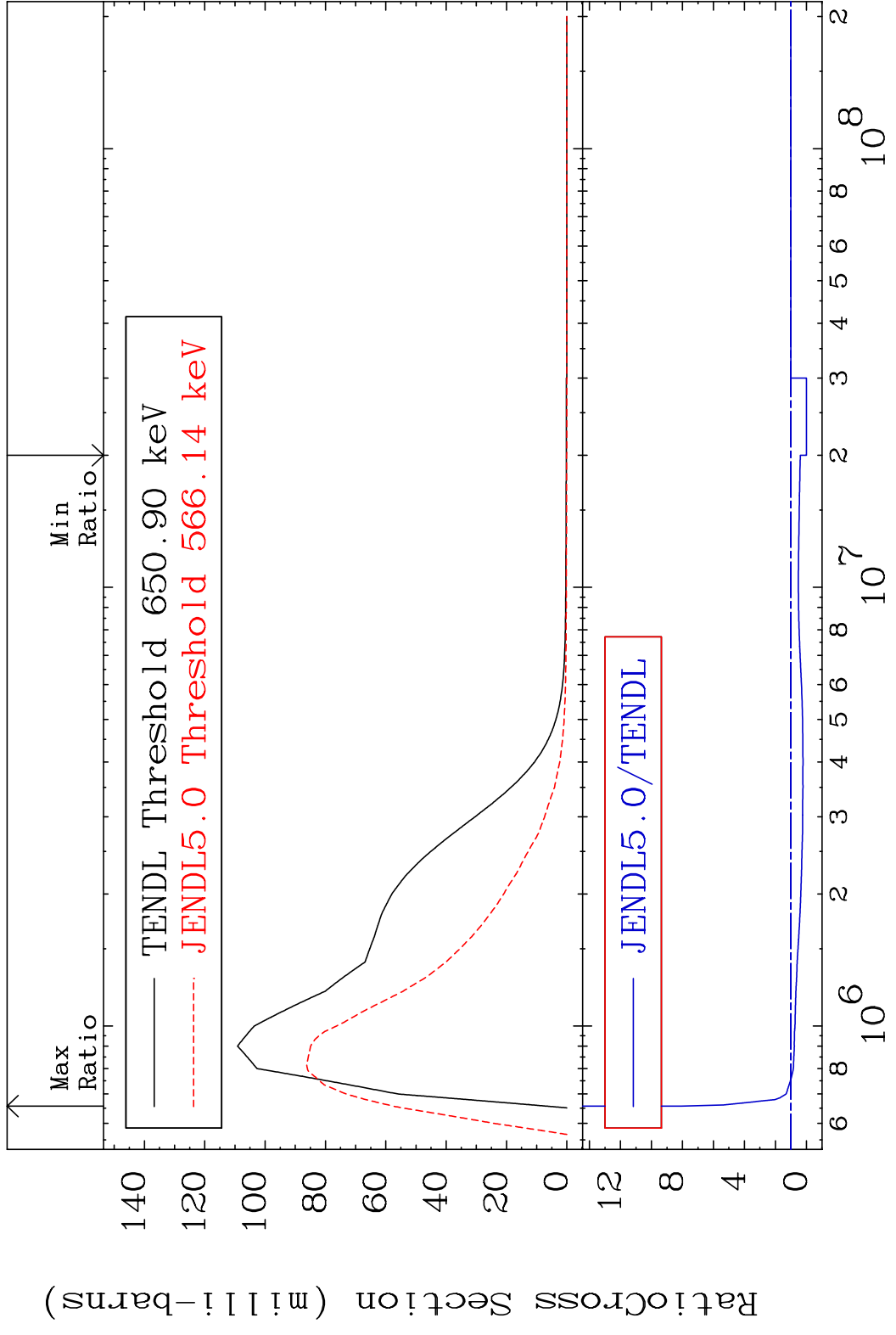
MAT 4634 MT= 57 (n,n') Level 46-Pd-105
 Cross Section -100.0 To 201.0 %



MAT 4634 MT= 58 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %

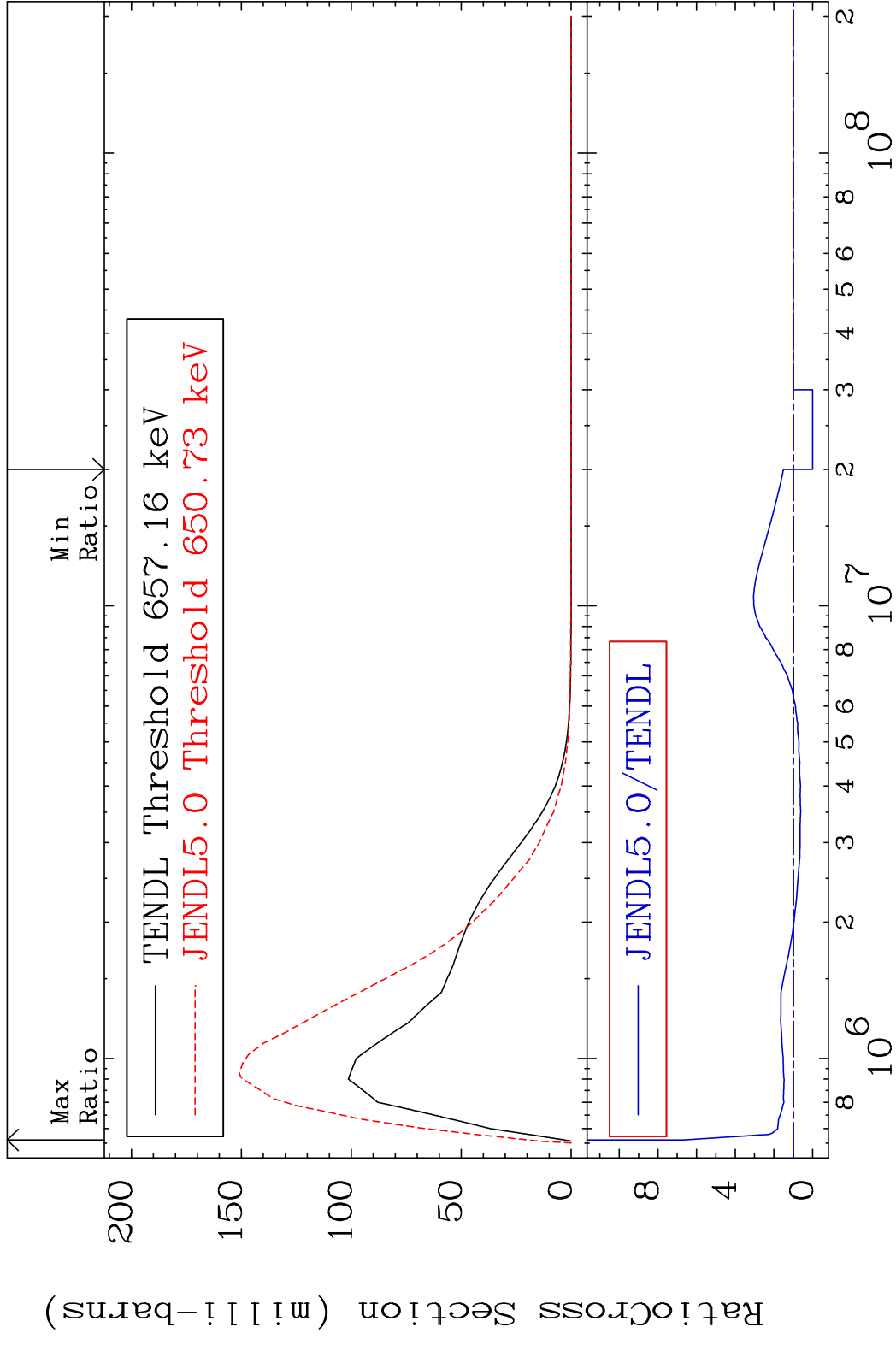


MAT 4634 MT= 59 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 733.9 %

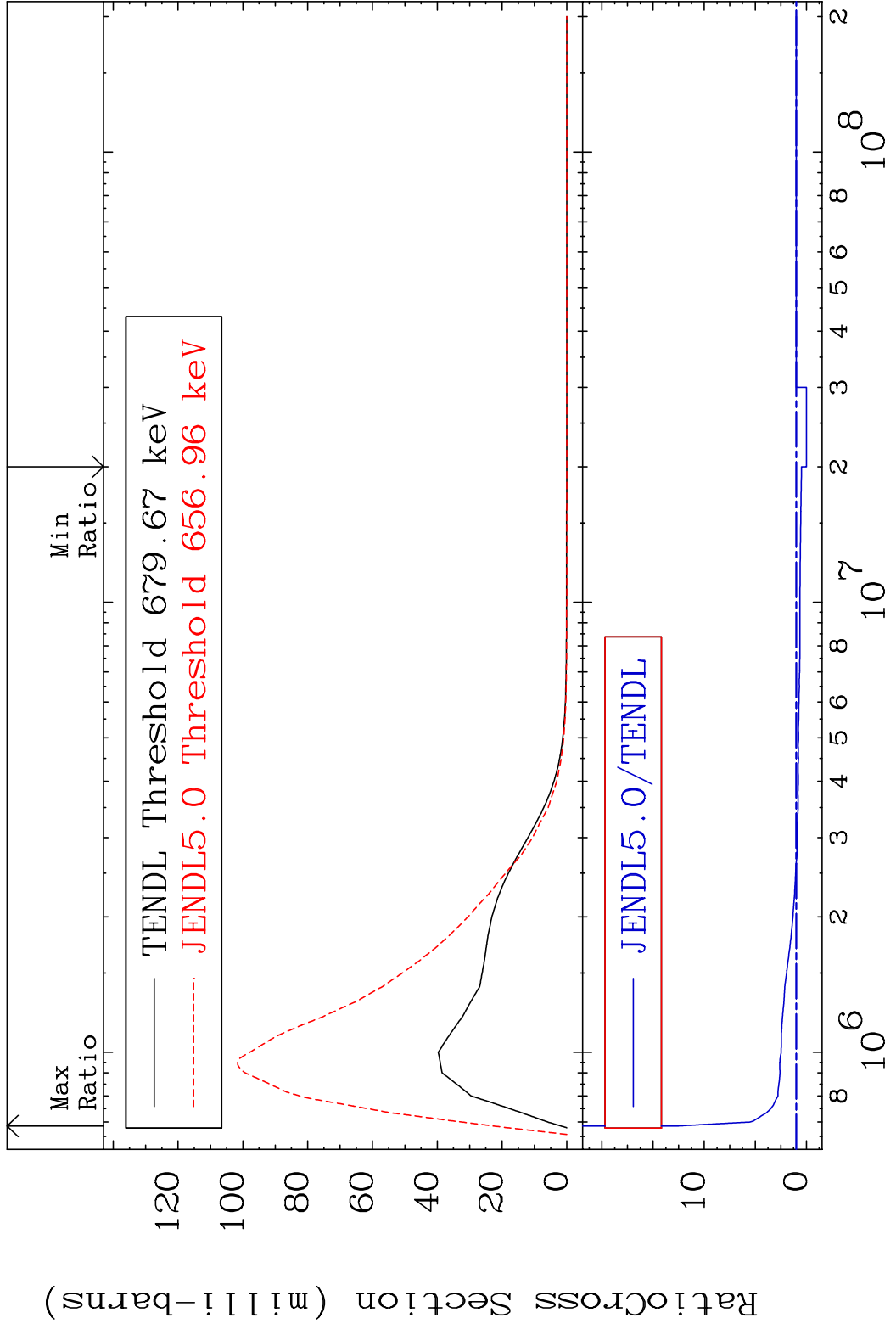


20 Incident Energy (eV) 46-Pd-105

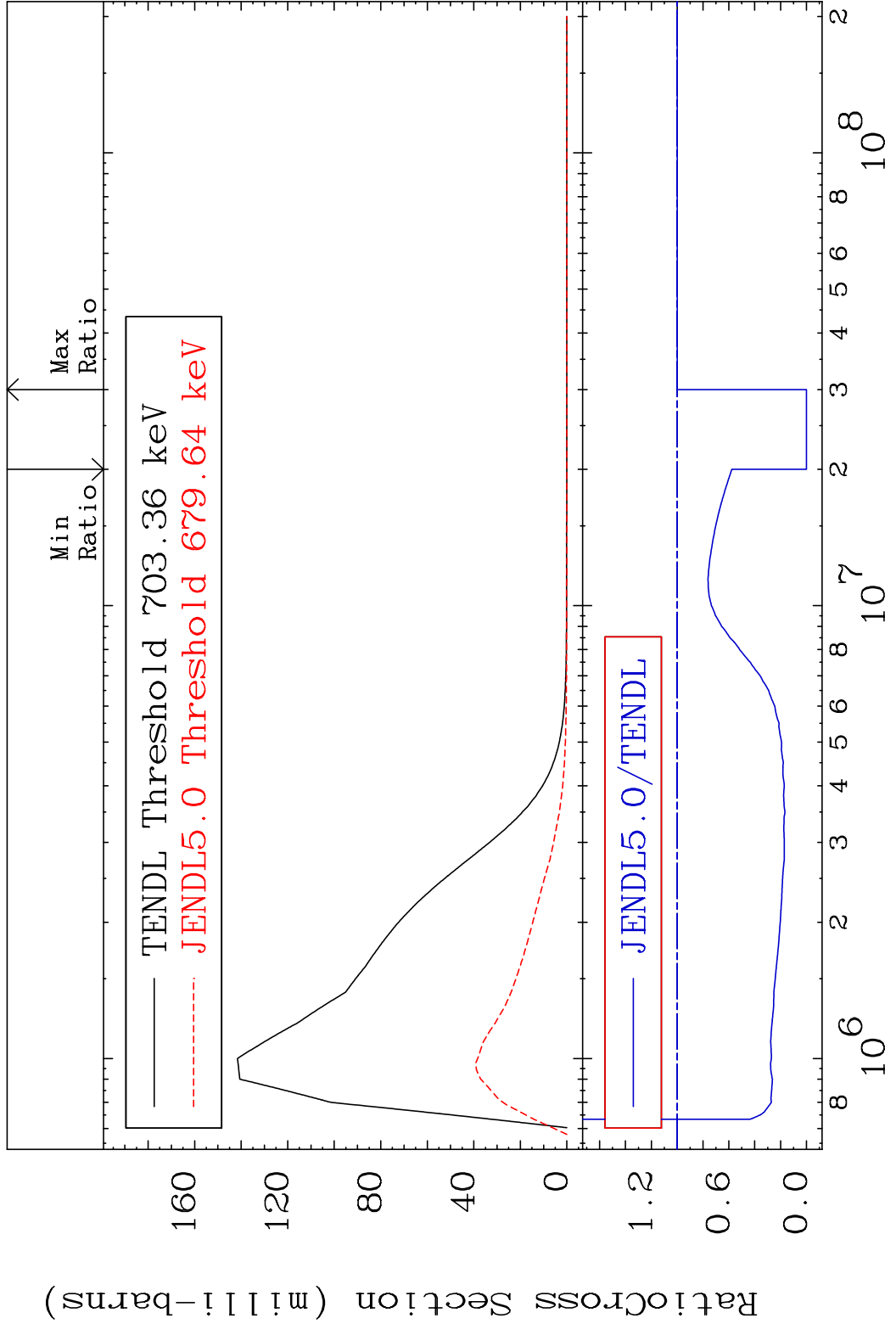
MAT 4634 MT= 60 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 573.5 %



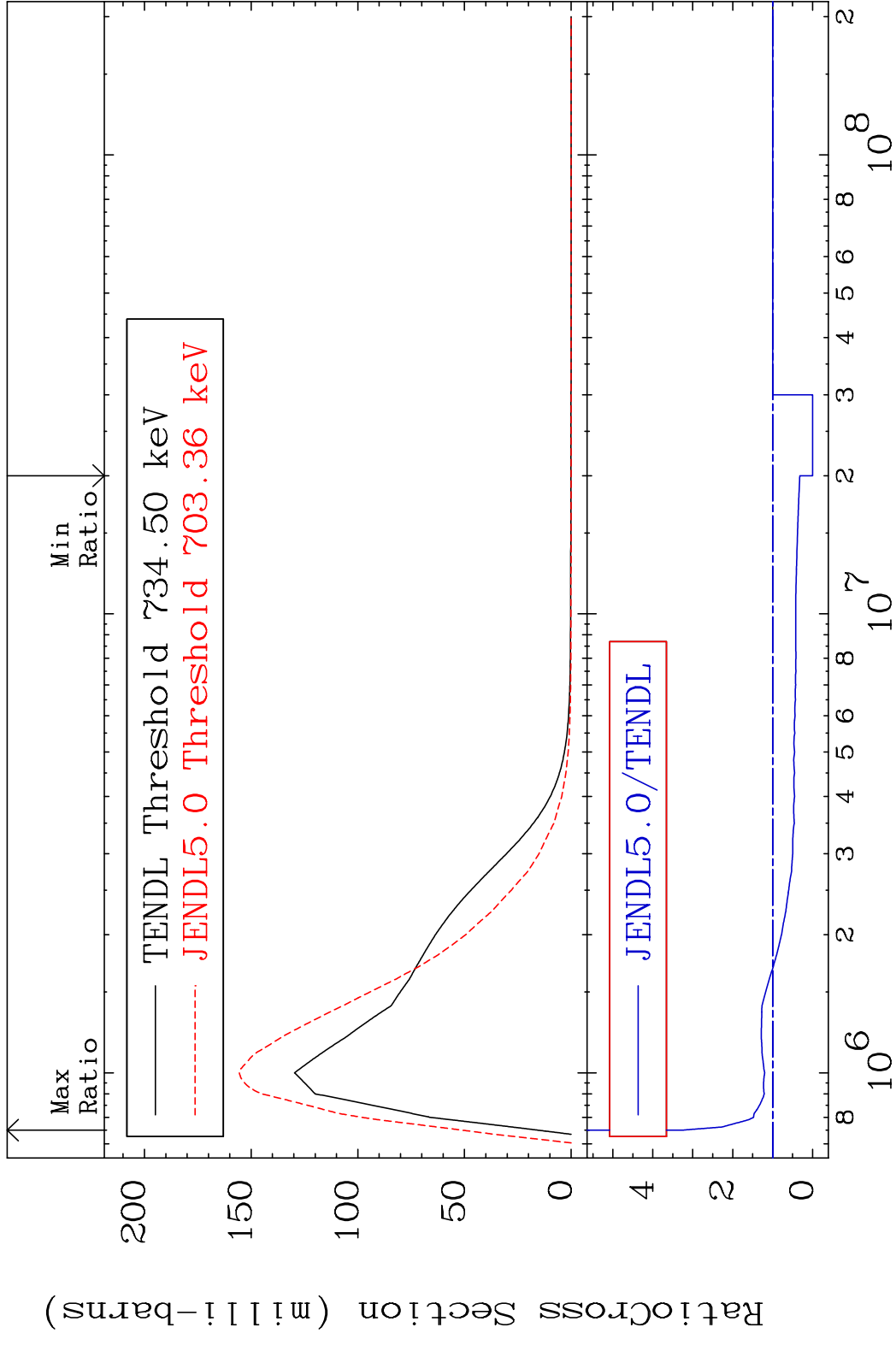
MAT 4634 MT= 61 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 1164. %



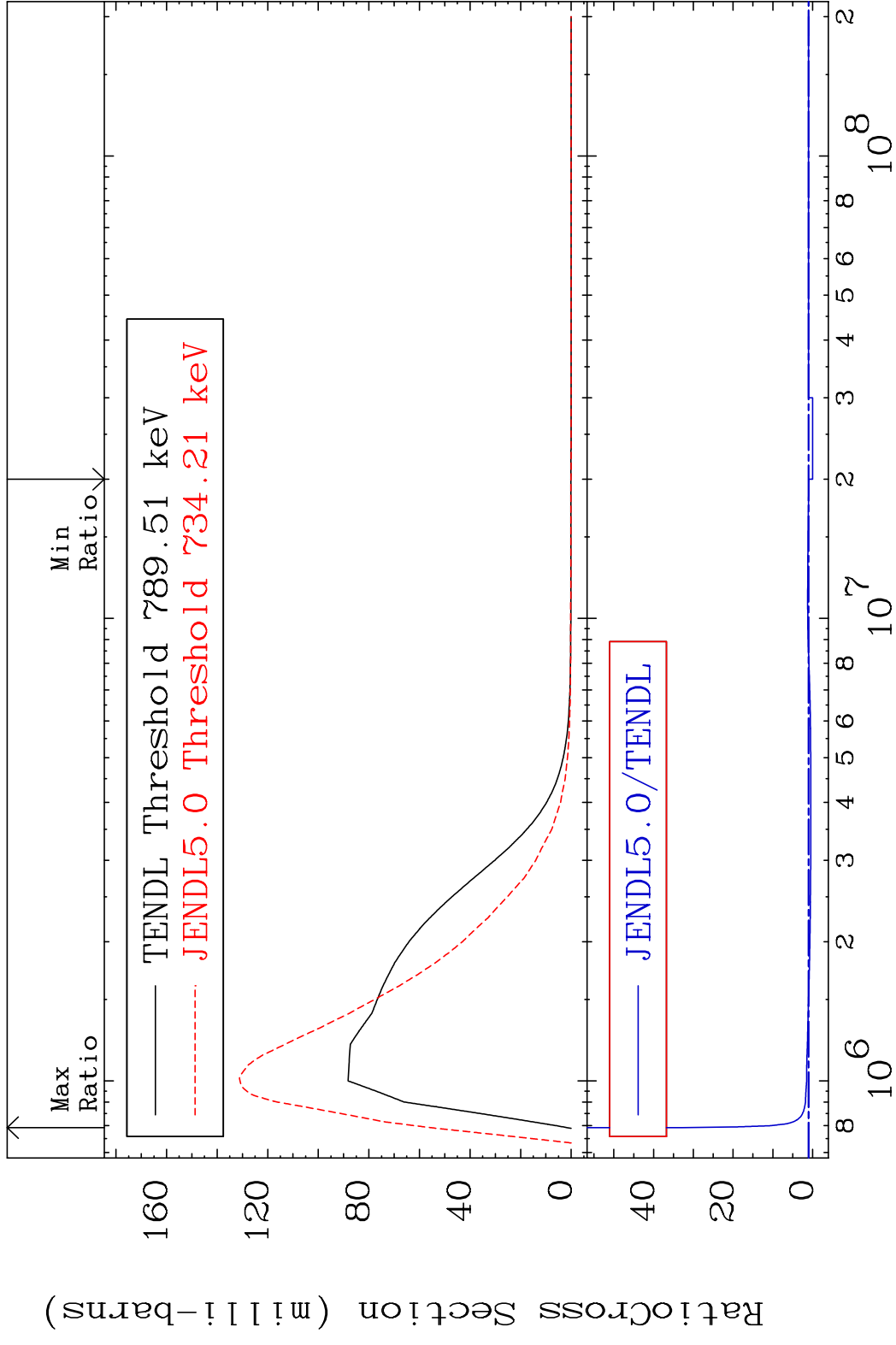
MAT 4634 MT= 62 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 0.000 %



MAT 4634 MT= 63 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 226.0 %

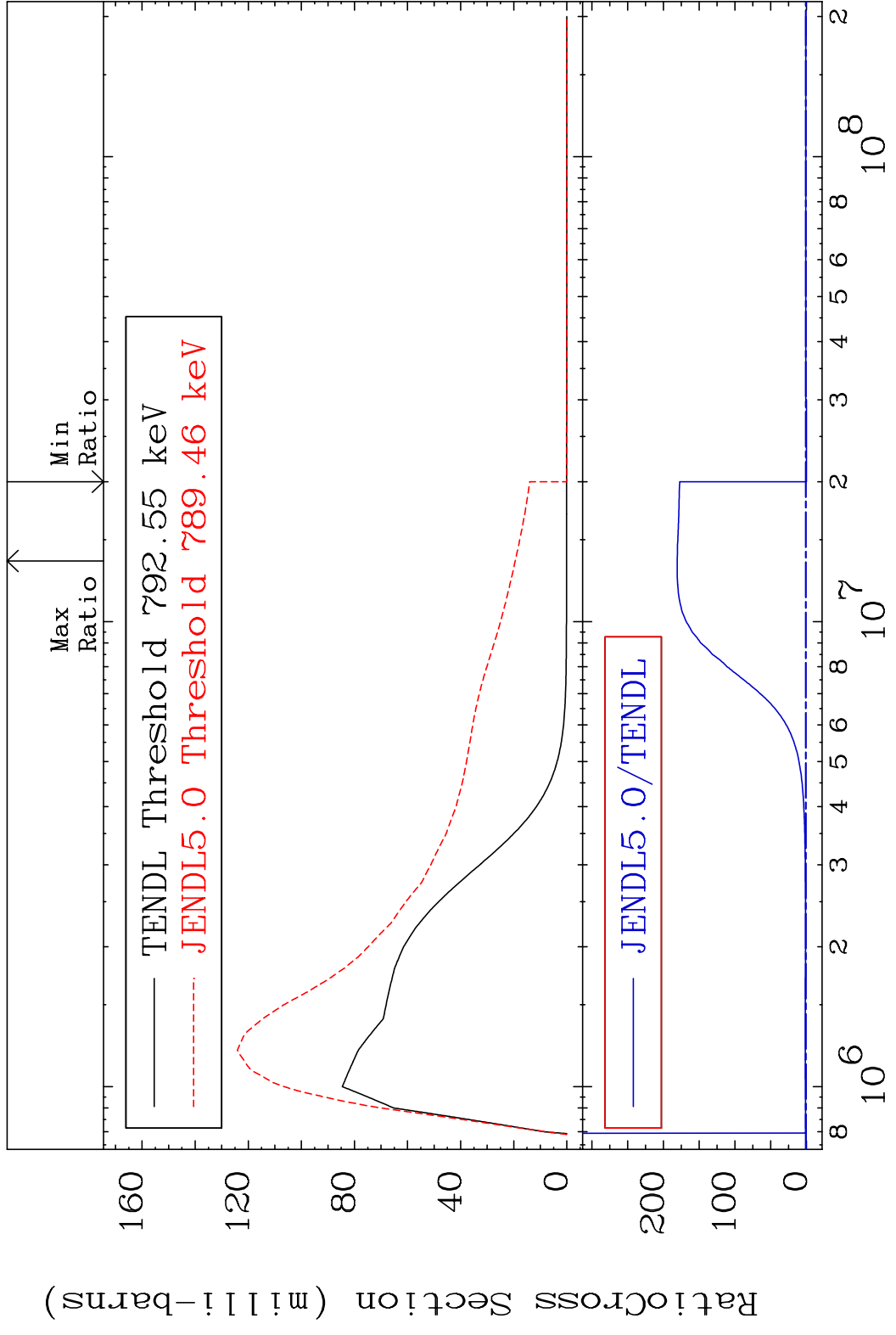


MAT 4634 MT= 64 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 3176. %



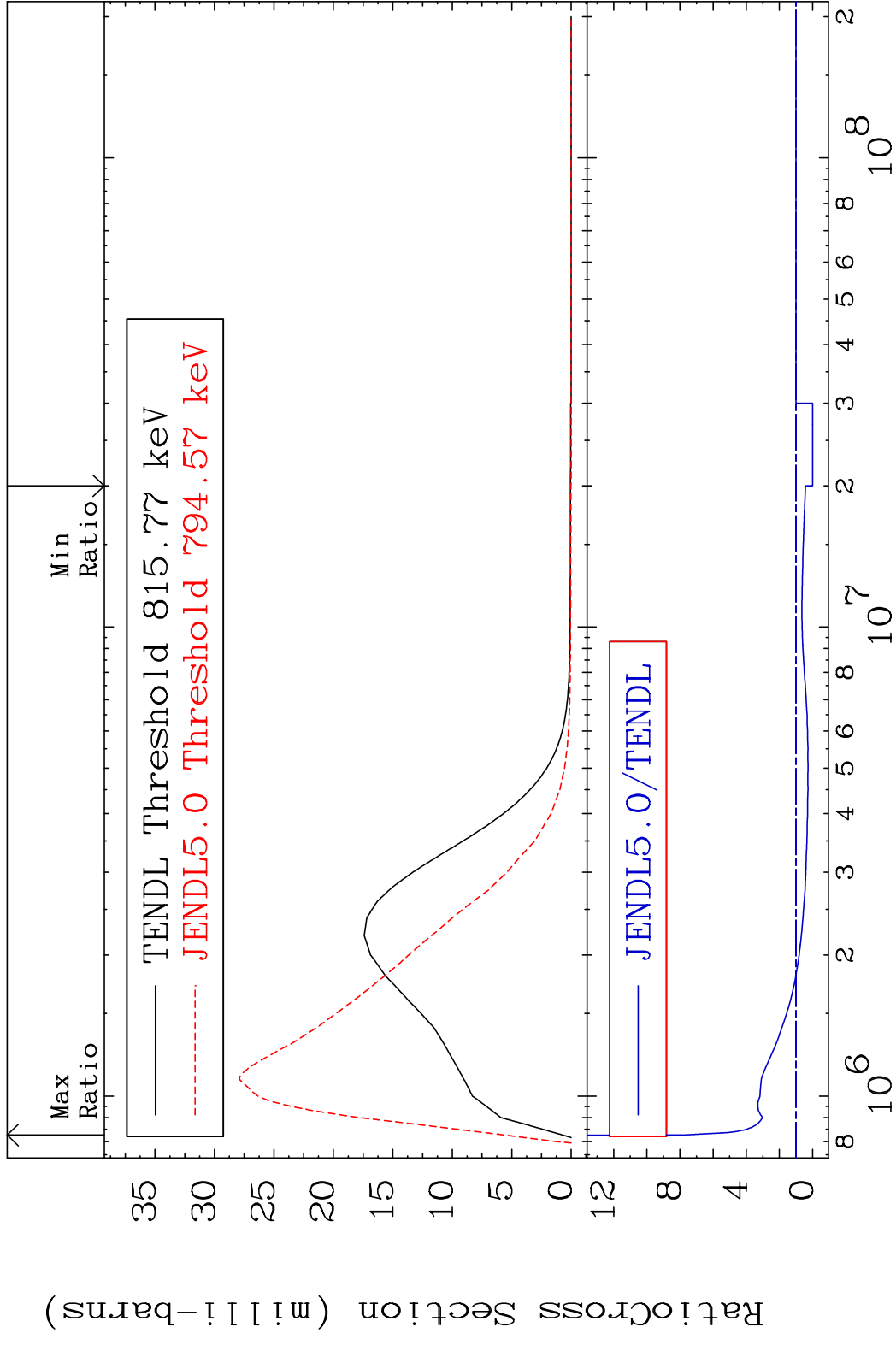
25 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 65 (n,n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %

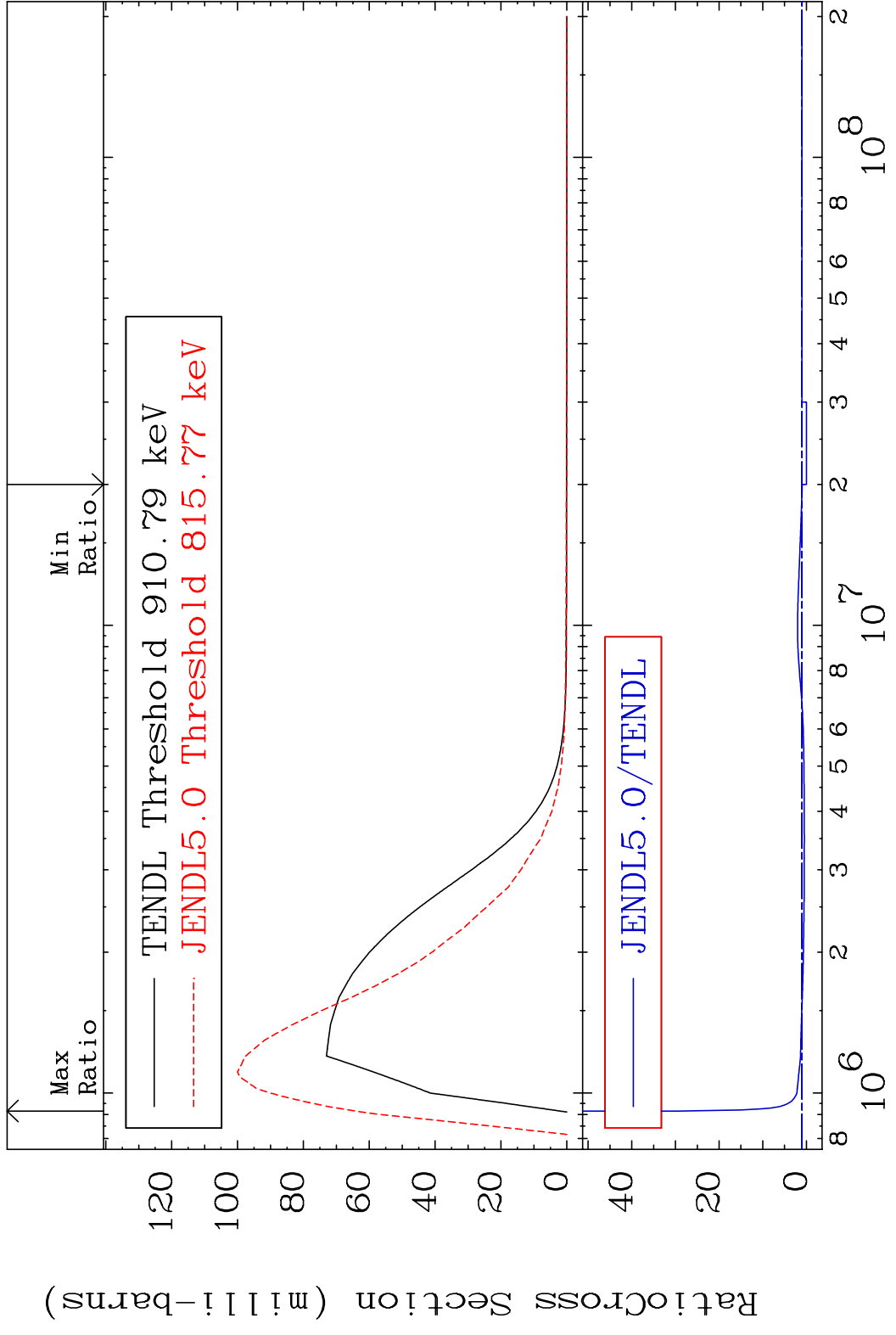


26 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 66 (n,n') Level 46-Pd-105
 Cross Section -100.0 To 685.5 %

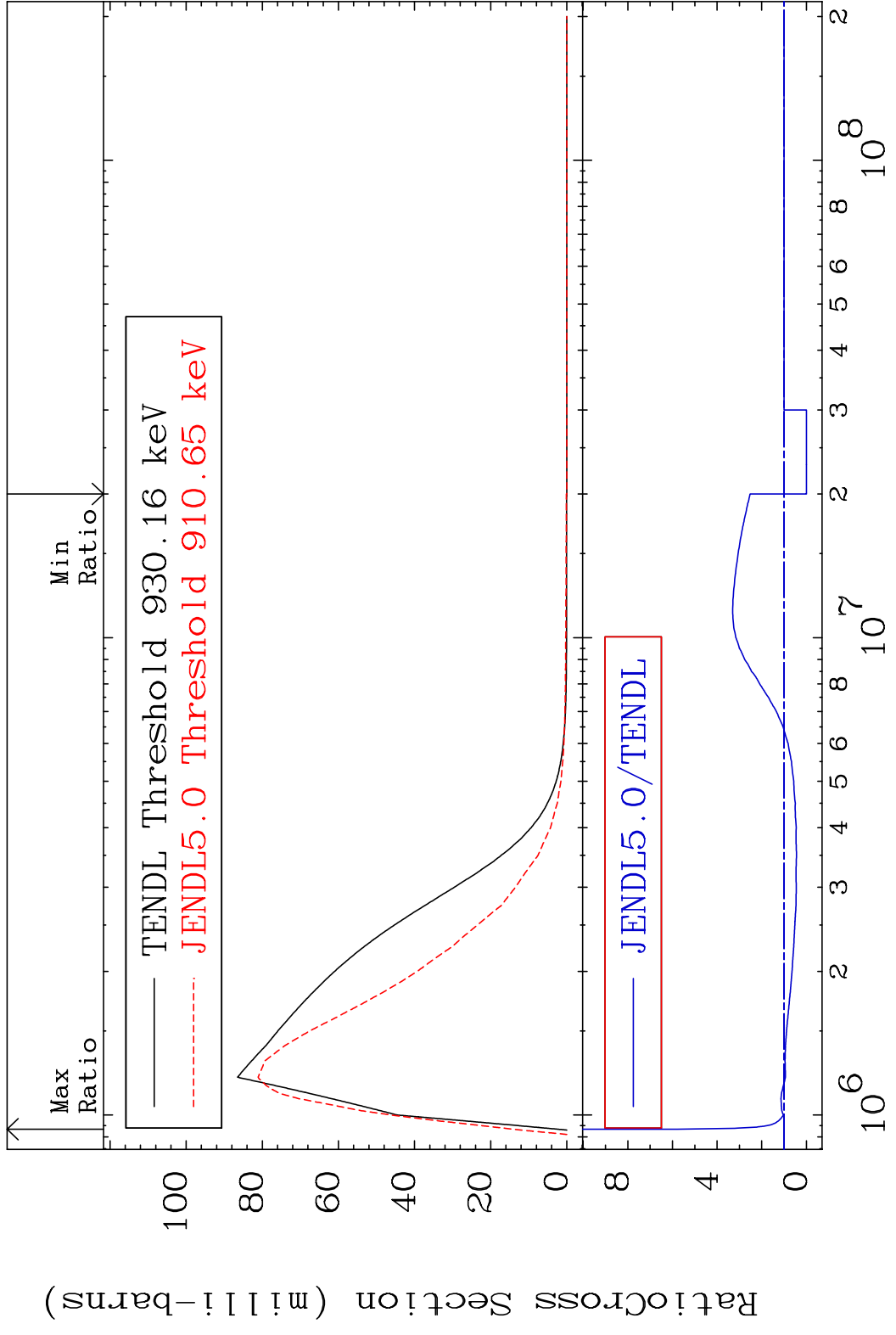


MAT 4634 MT= 67 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 2860. %



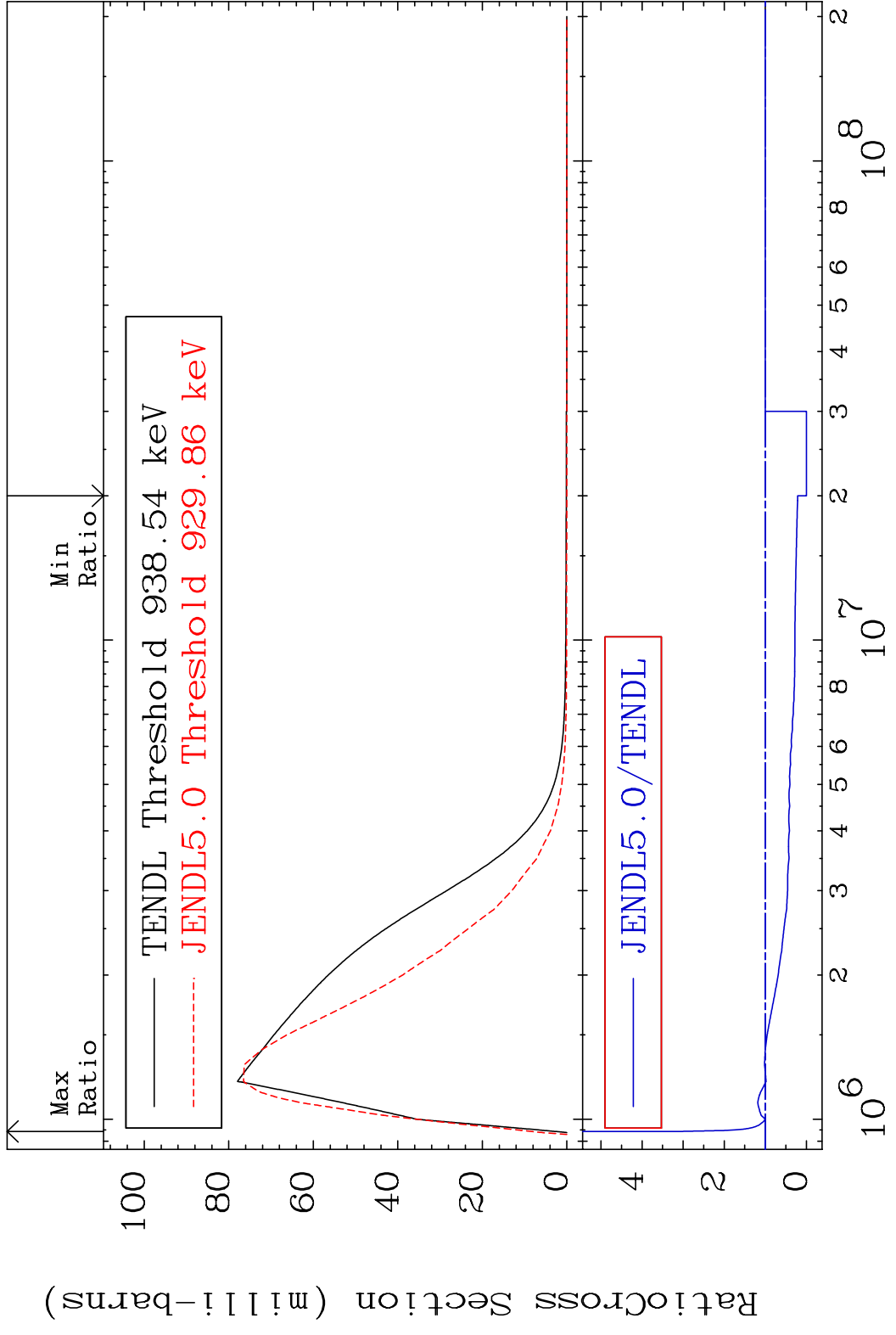
28 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 68 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 478.7 %



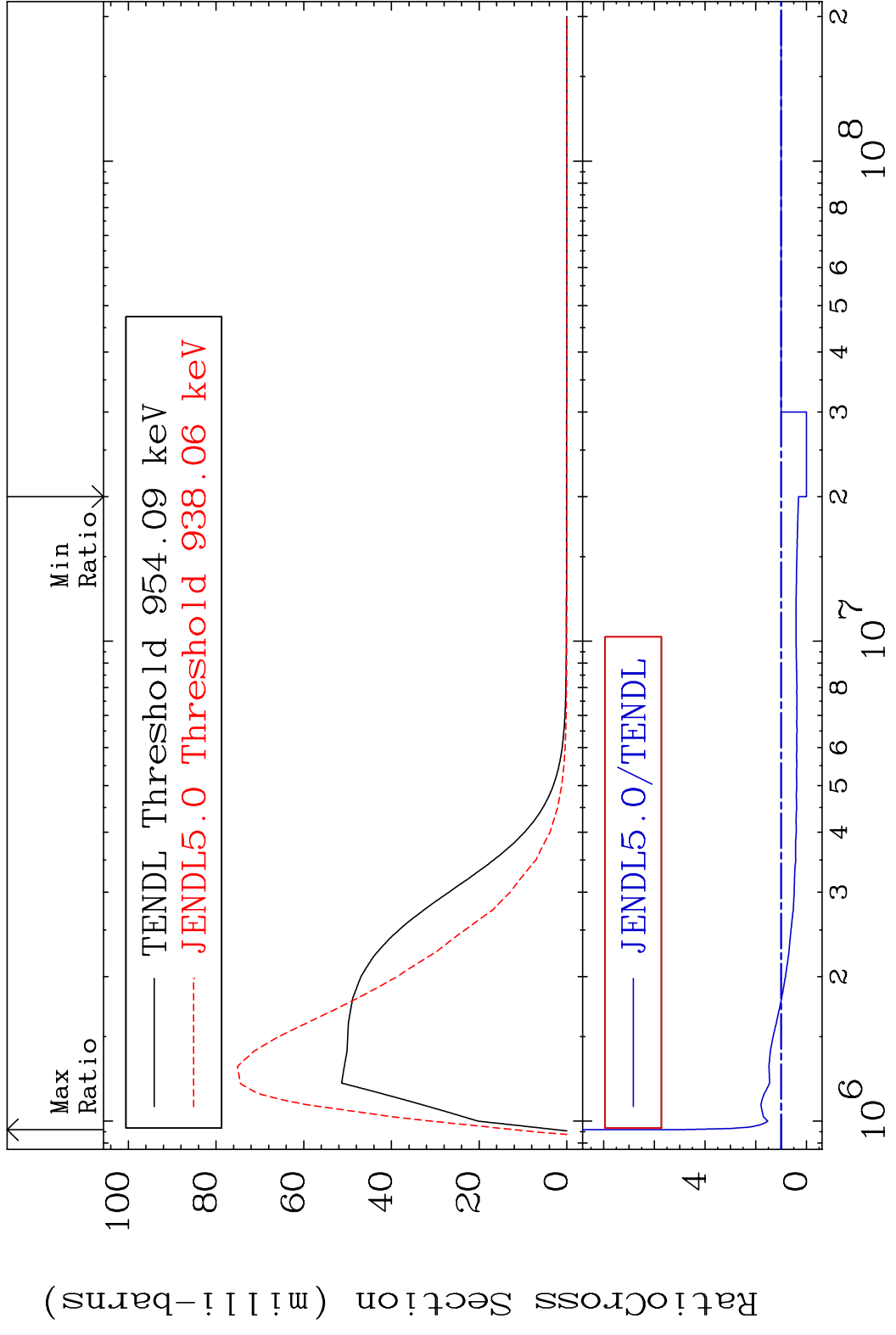
29 46-Pd-105

MAT 4634 MT= 69 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 214.5 %



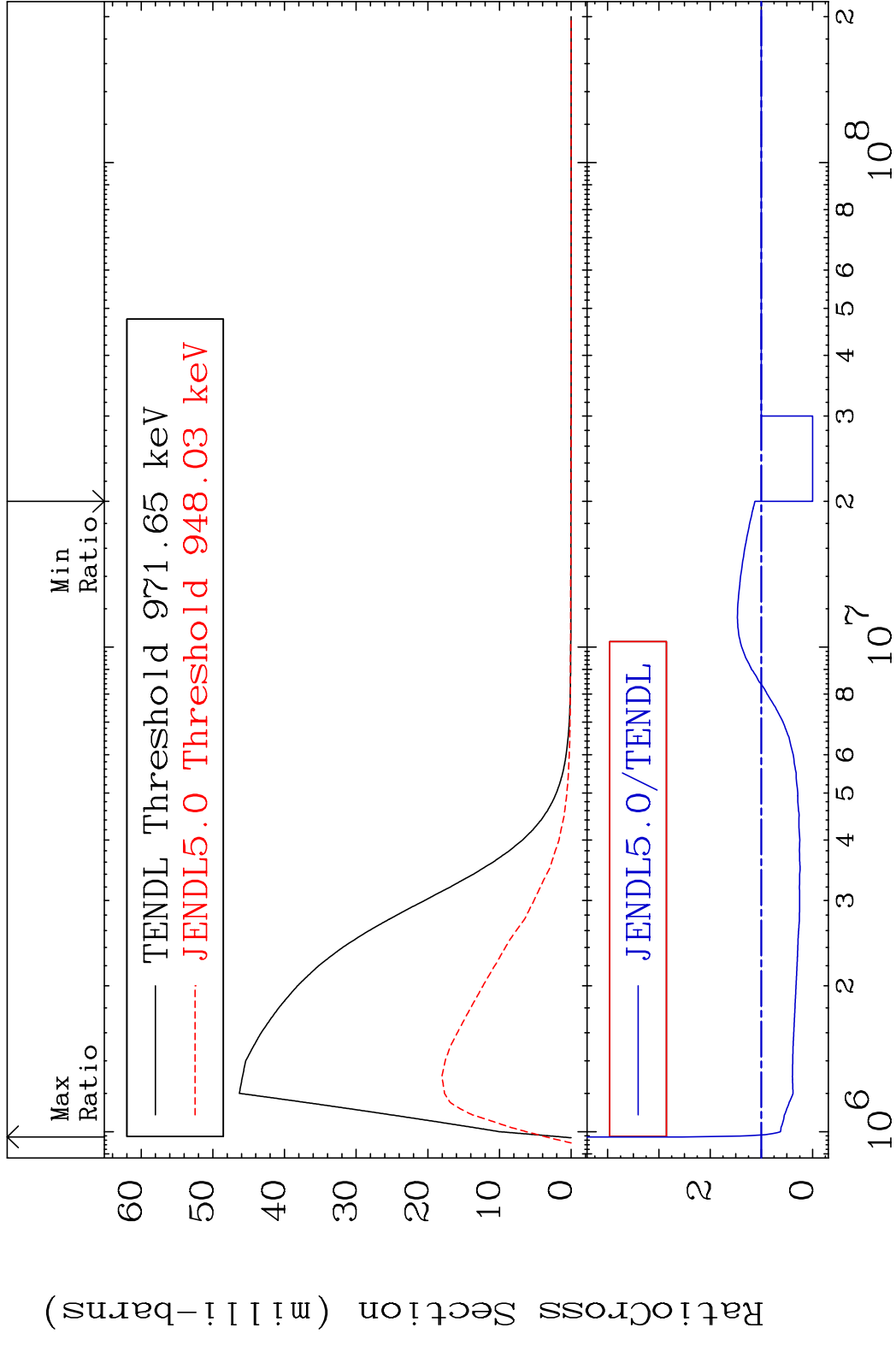
30 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 70 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 410.1 %



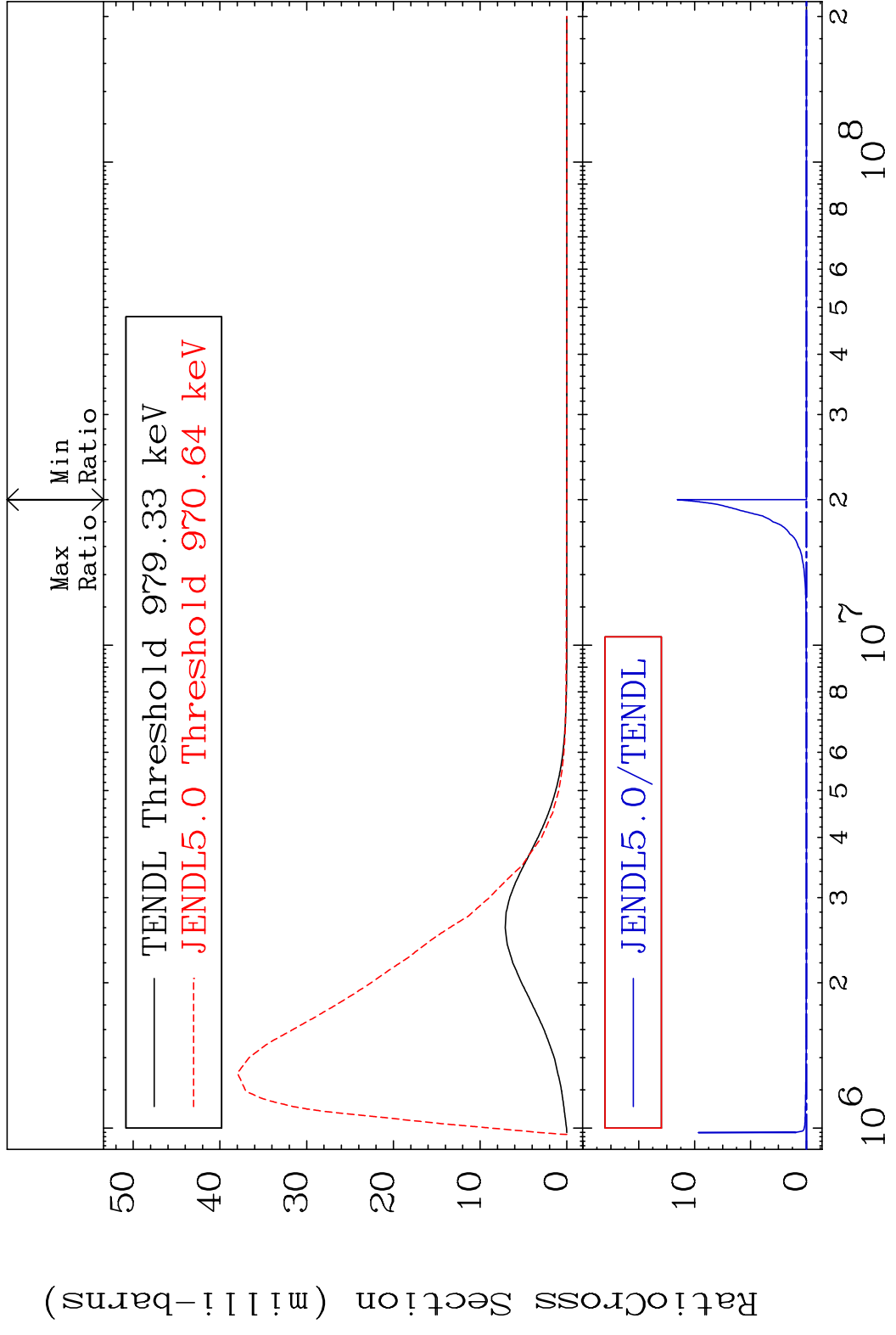
31 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 71 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 154.2 %



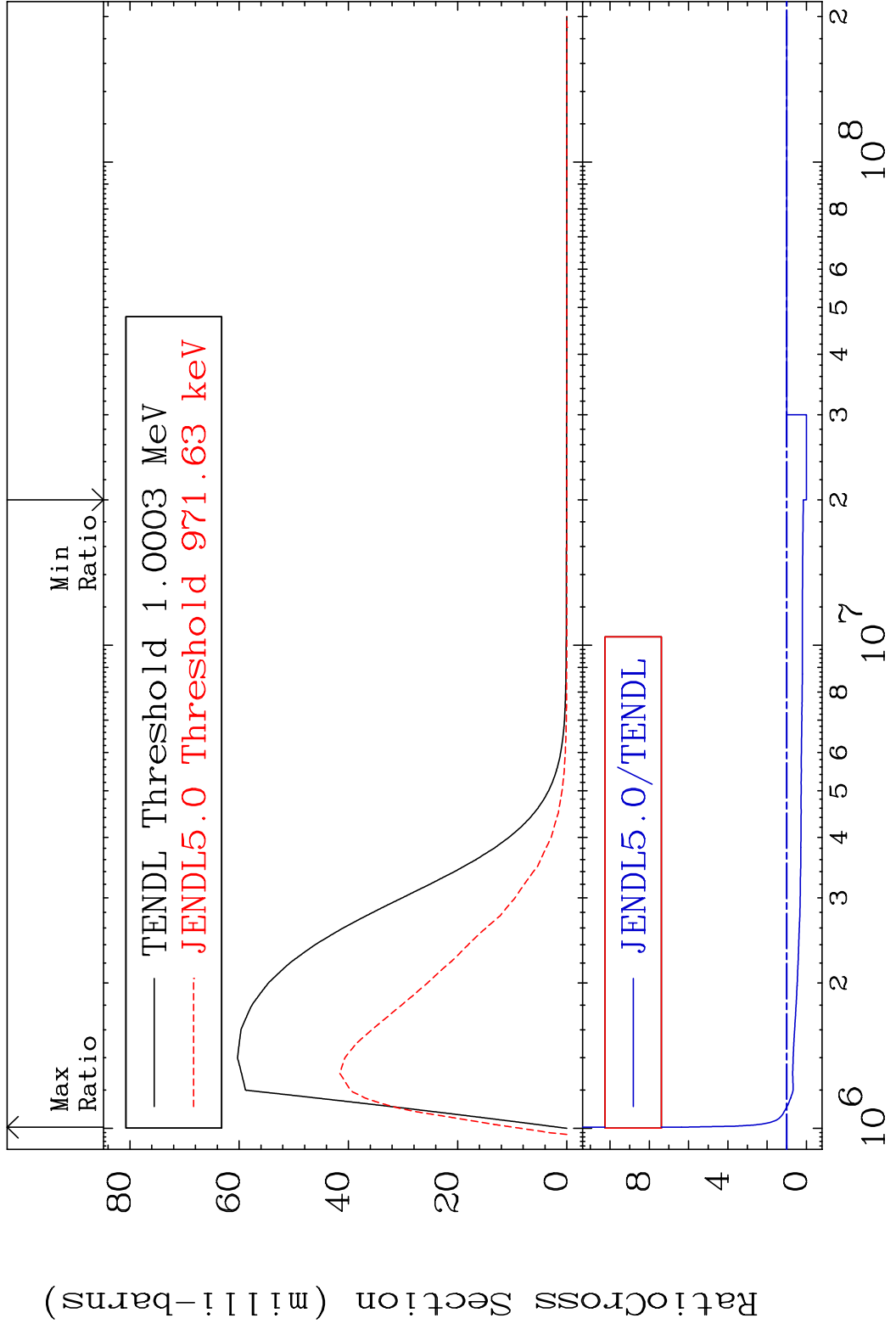
32 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 72 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %



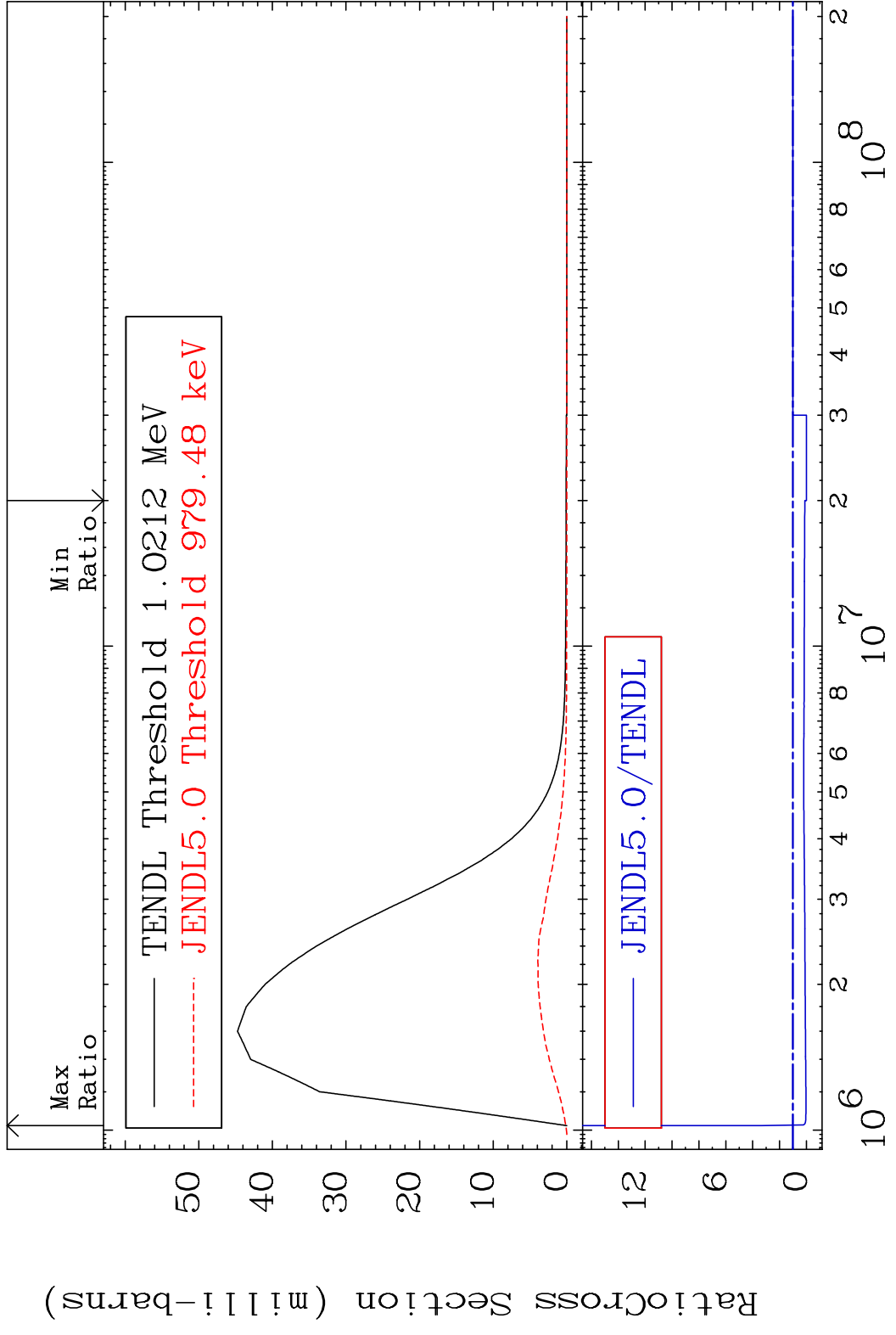
33 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 73 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 557.9 %



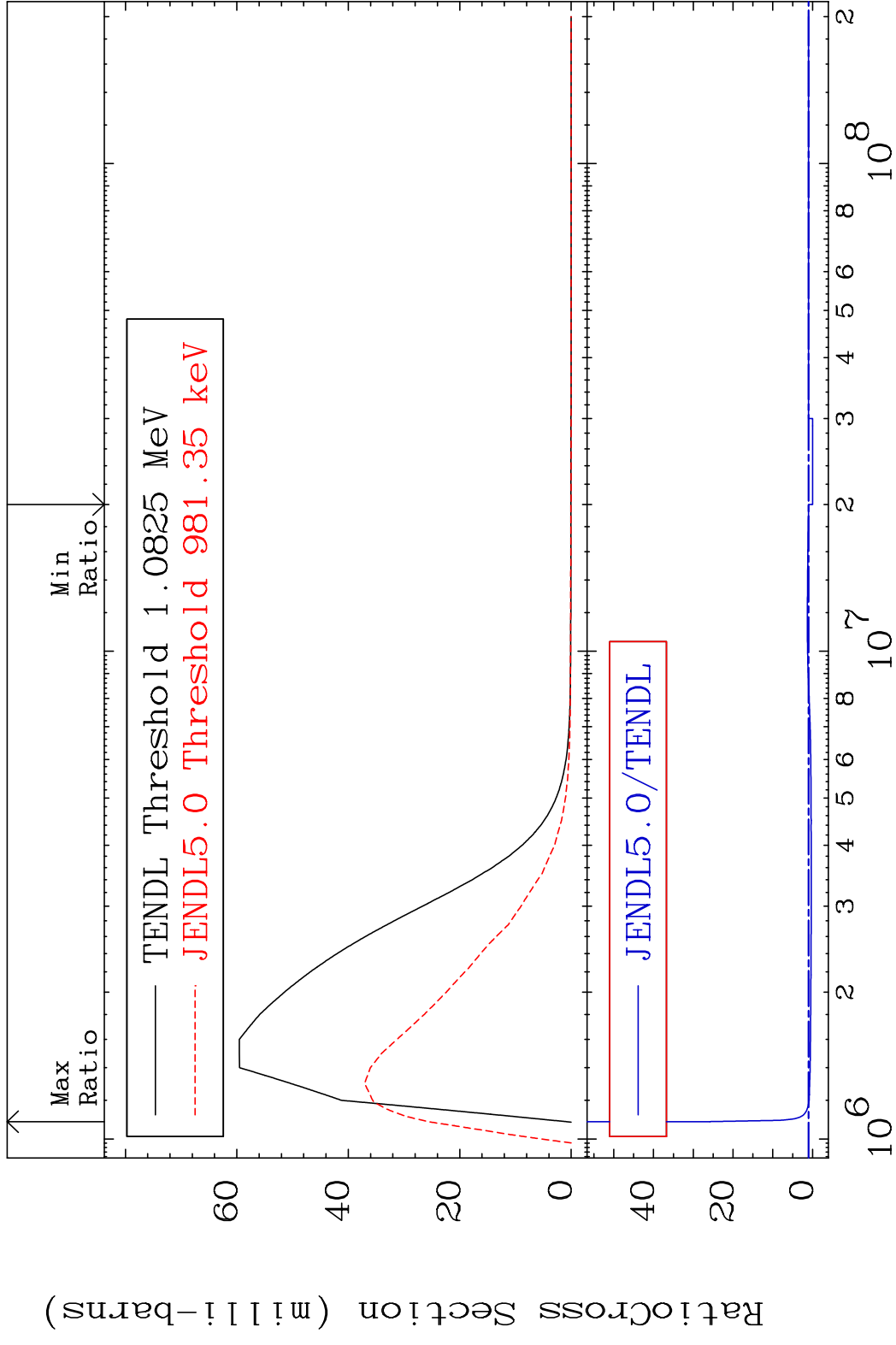
34 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 74 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 861.7 %



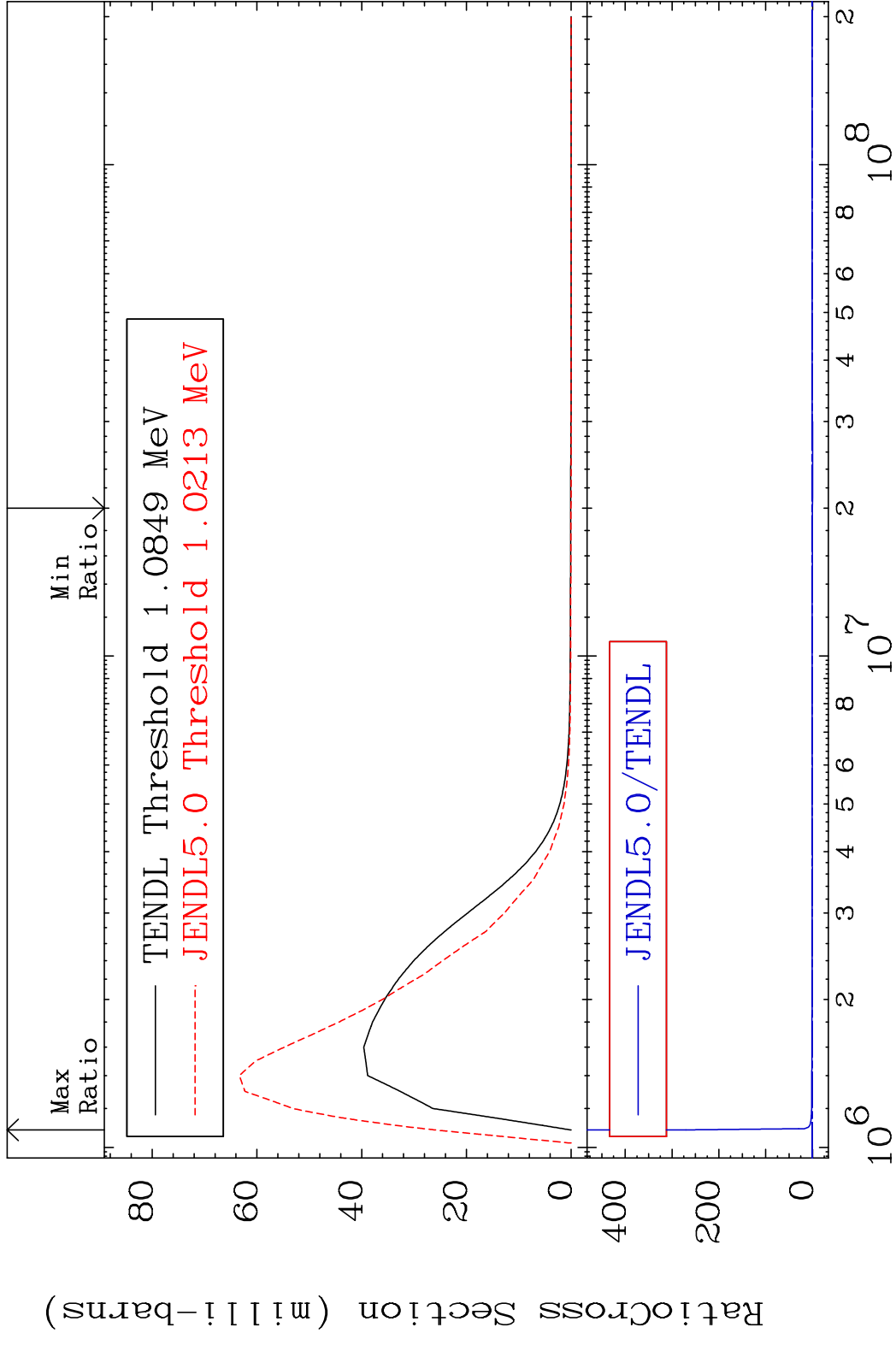
35 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 75 (n,n') Level 46-Pd-105
 Cross Section -100.0 To 3175. %

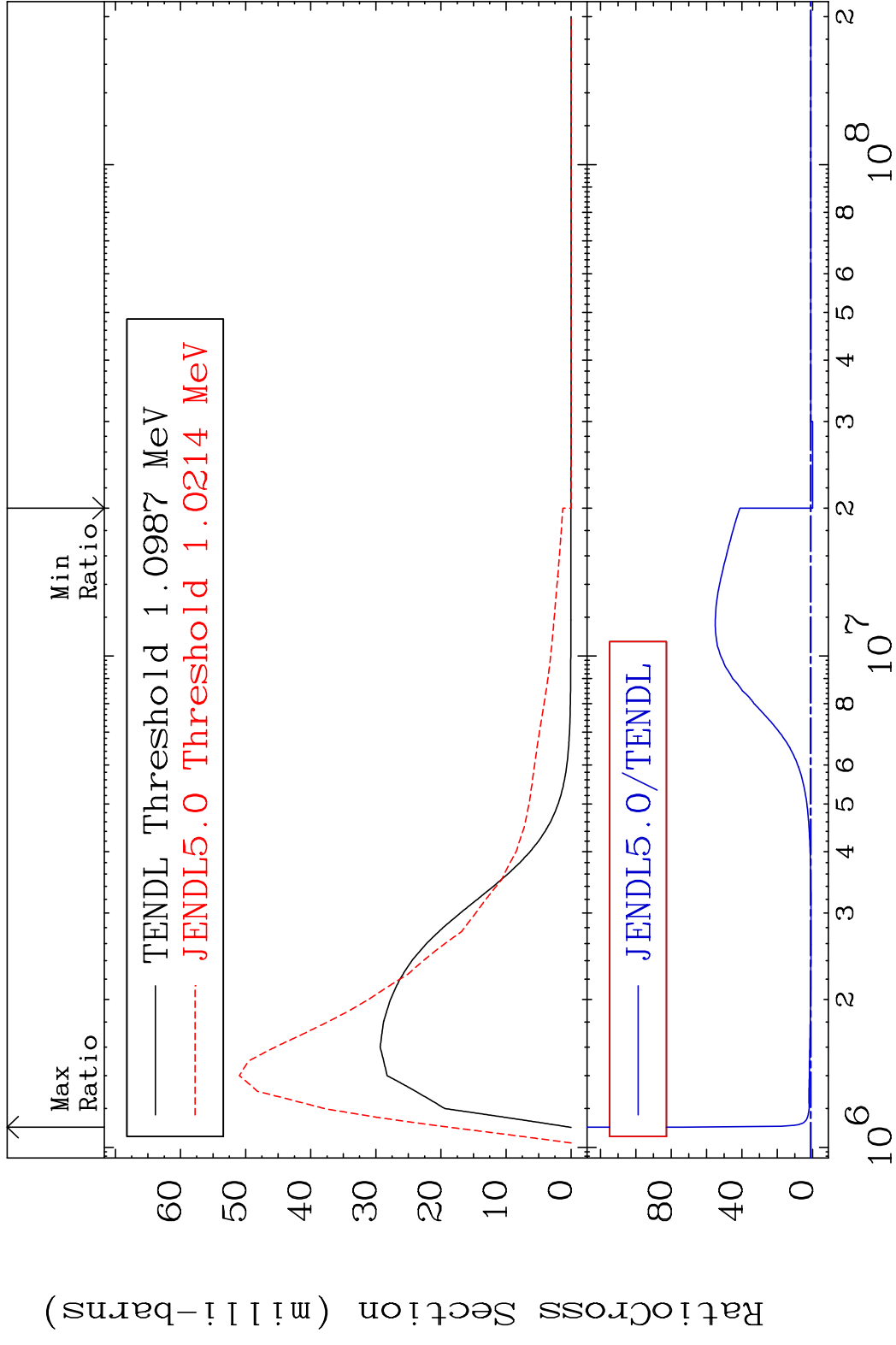


36 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 76 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 9999. %

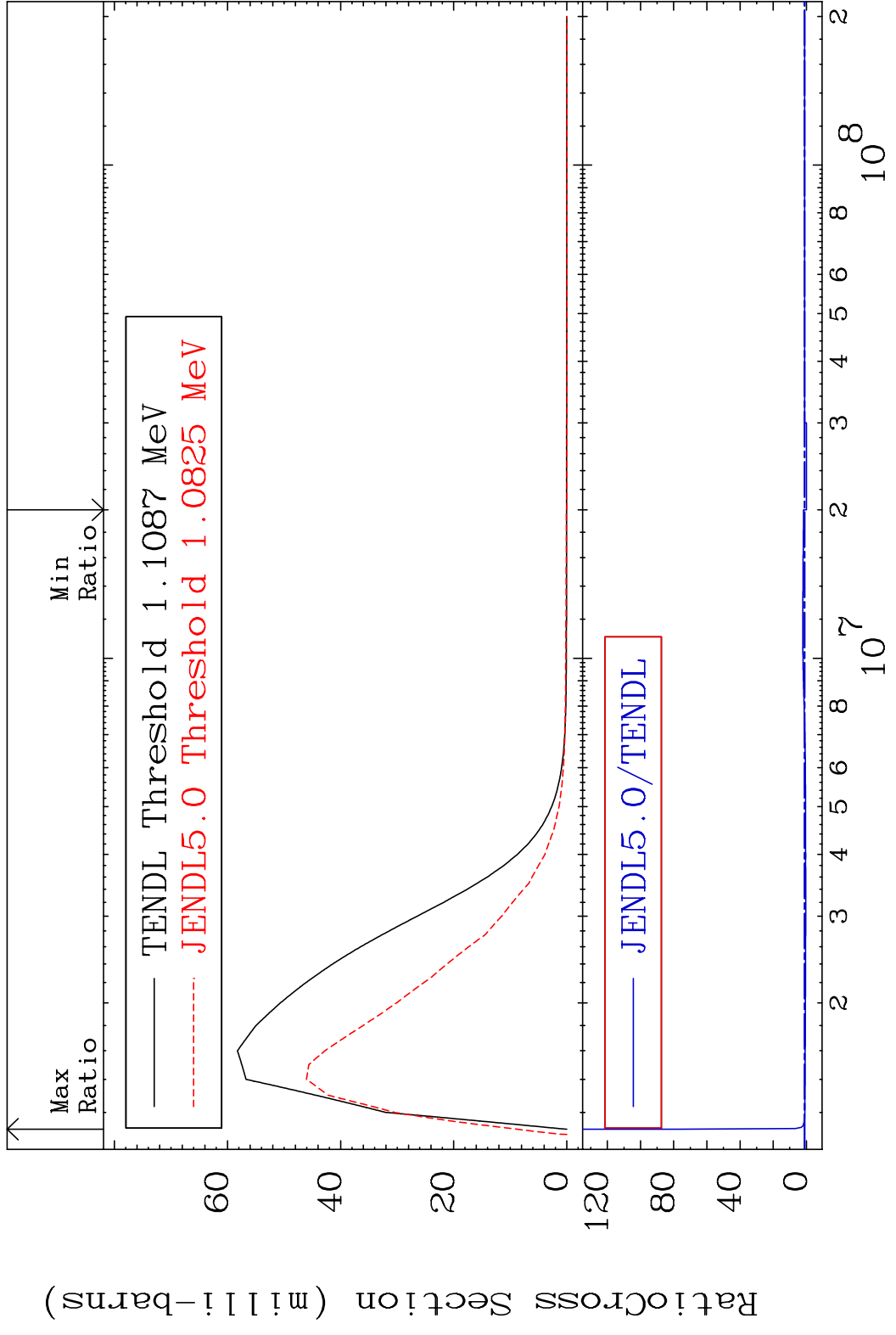


MAT 4634 MT= 77 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 7267. %

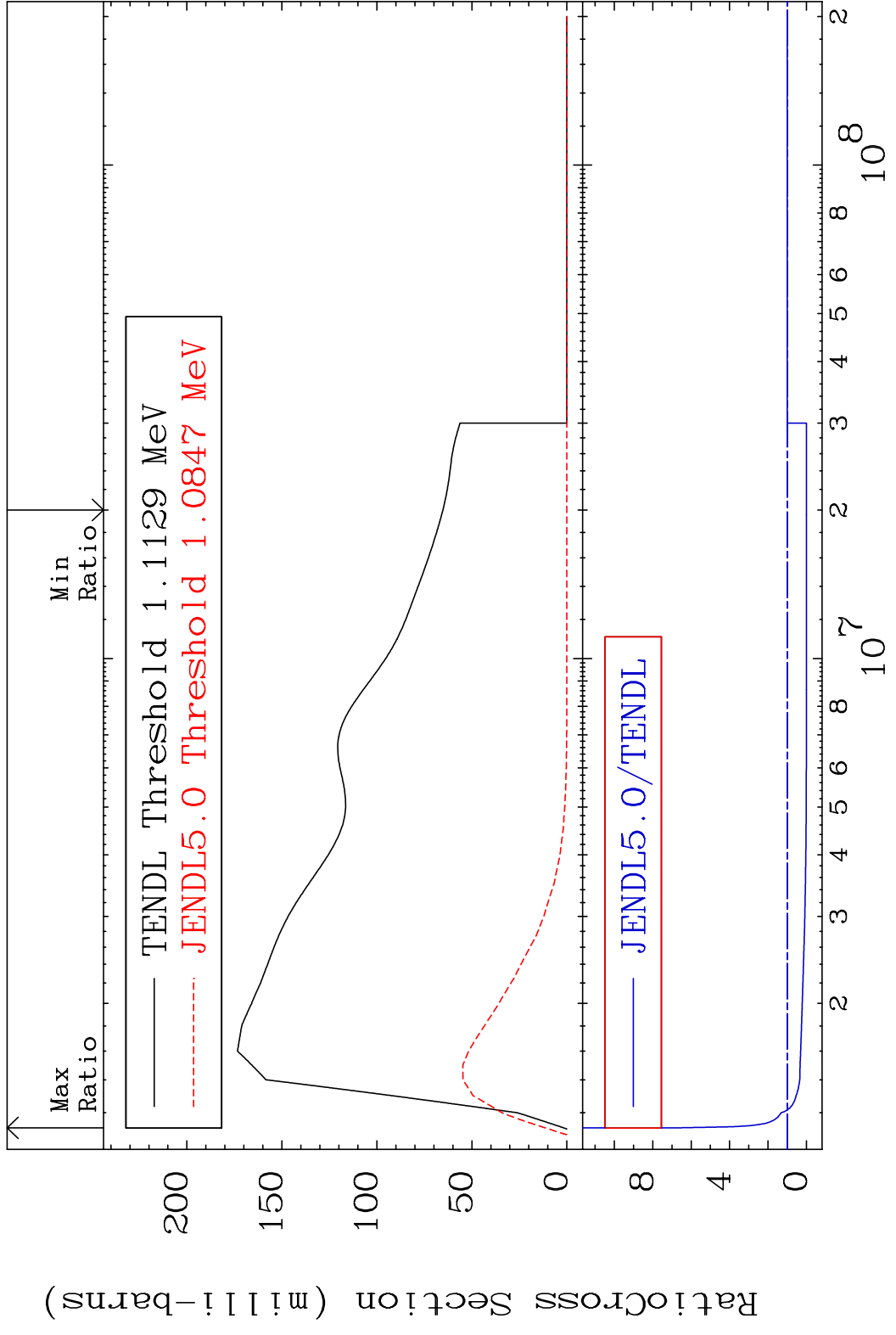


38 Incident Energy (eV) 46-Pd-105

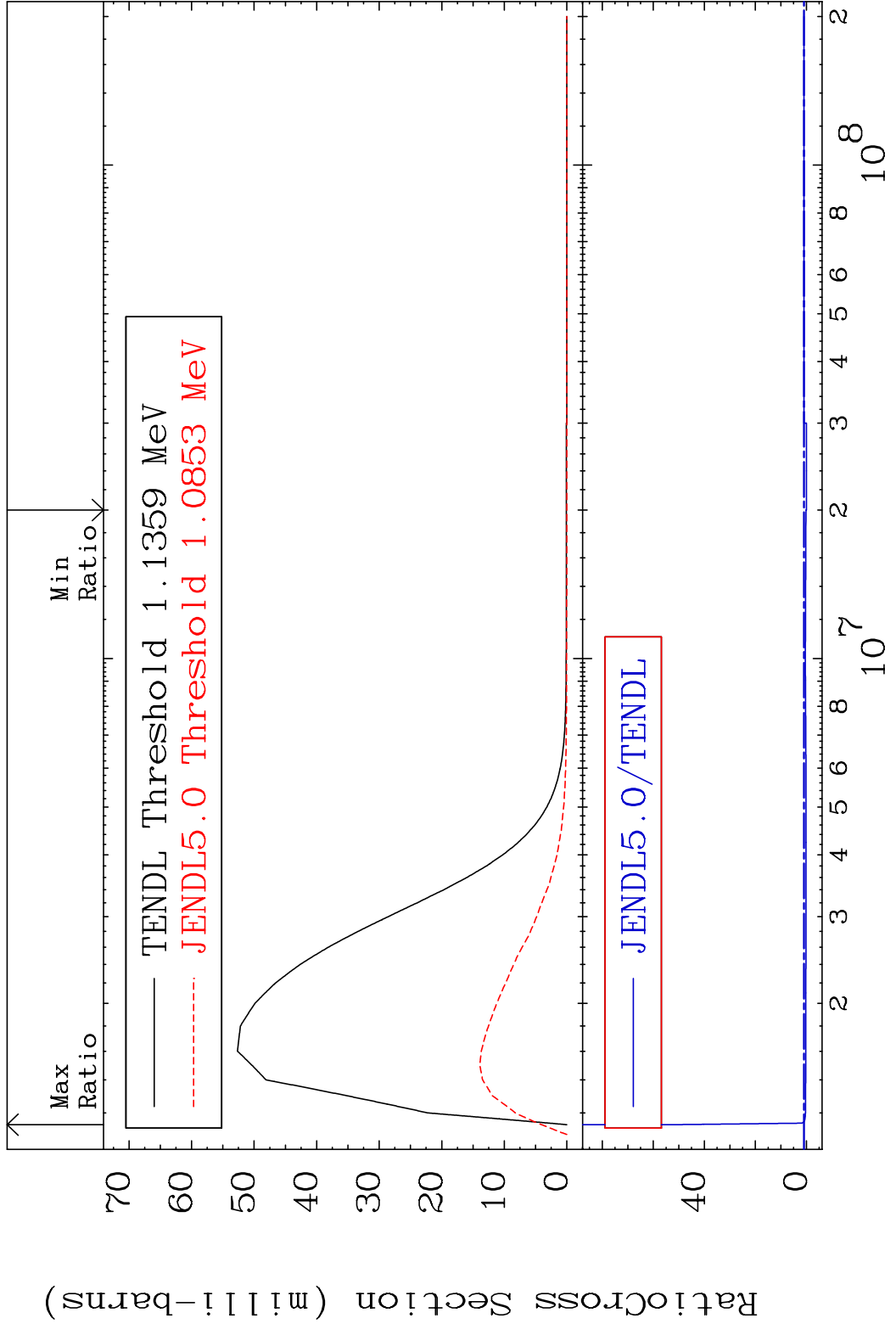
MAT 4634 MT= 78 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 7690. %



MAT 4634 MT= 79 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 572.8 %



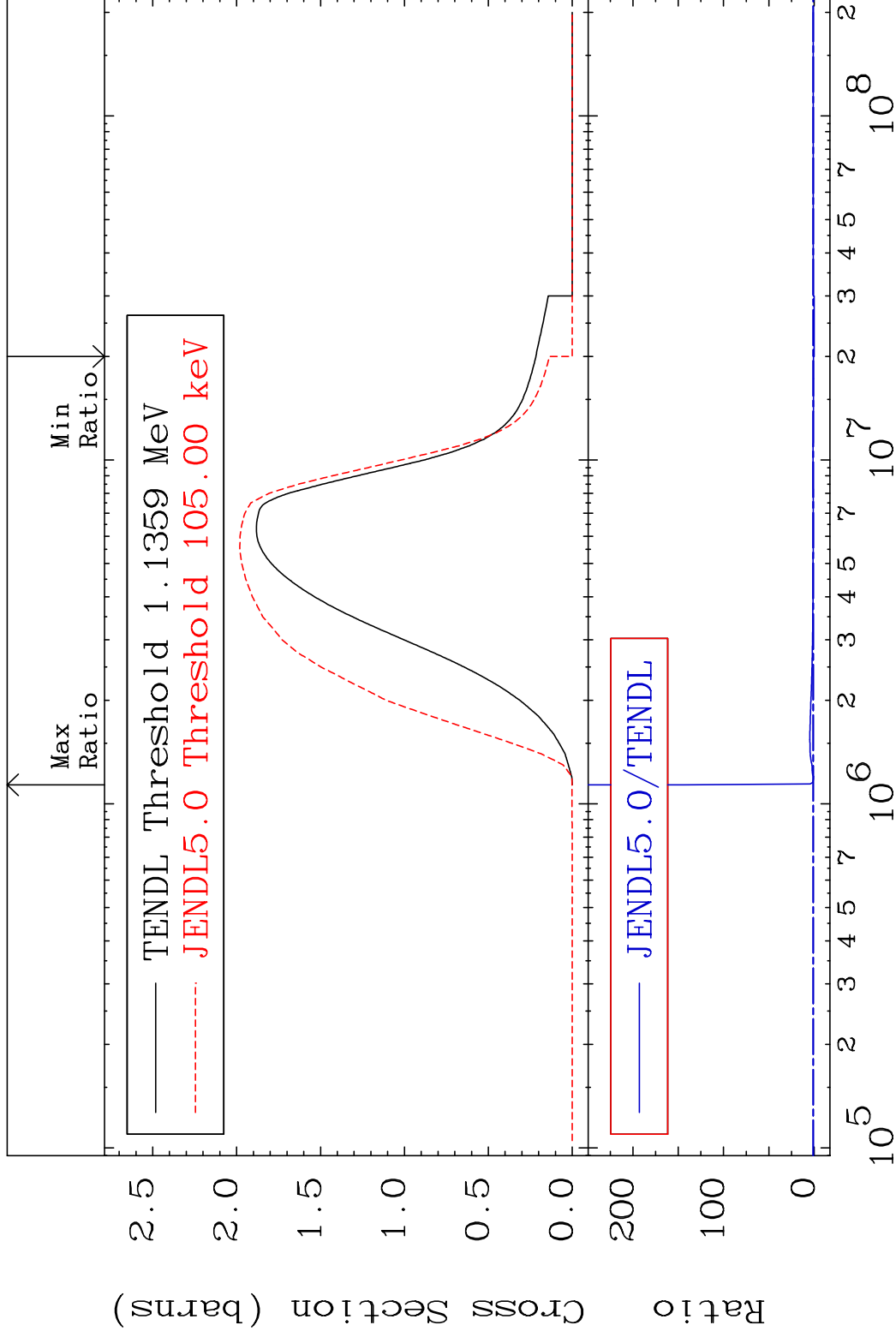
MAT 4634 MT= 80 (n, n') Level 46-Pd-105
 Cross Section -100.0 To 4964. %



MAT 4634

(n, n') Continuum
Cross Section -100.0 To 9999. %

46-Pd-105



42

Incident Energy (eV)

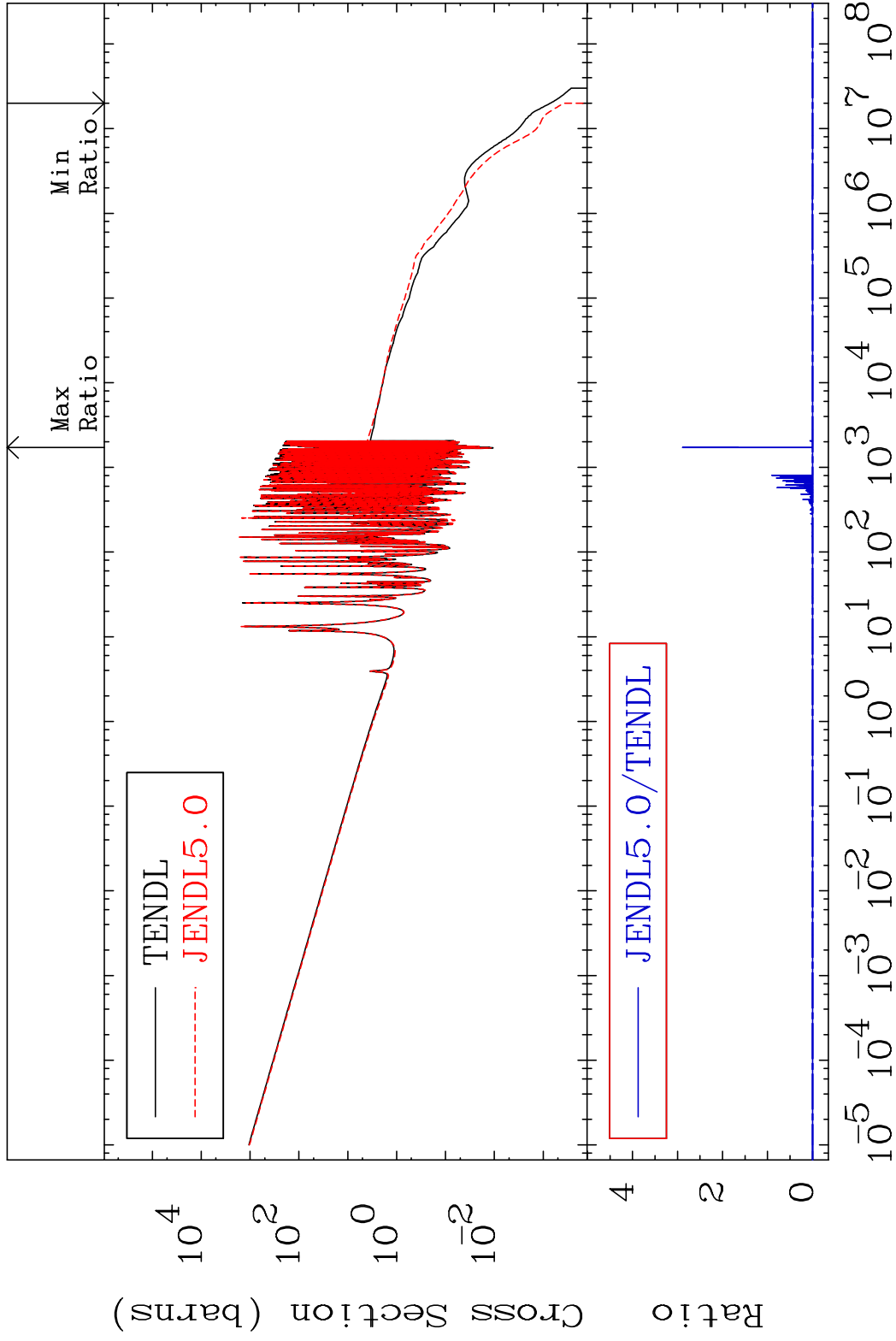
46-Pd-105

MAT 4634

(n, γ)

46-Pd-105

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

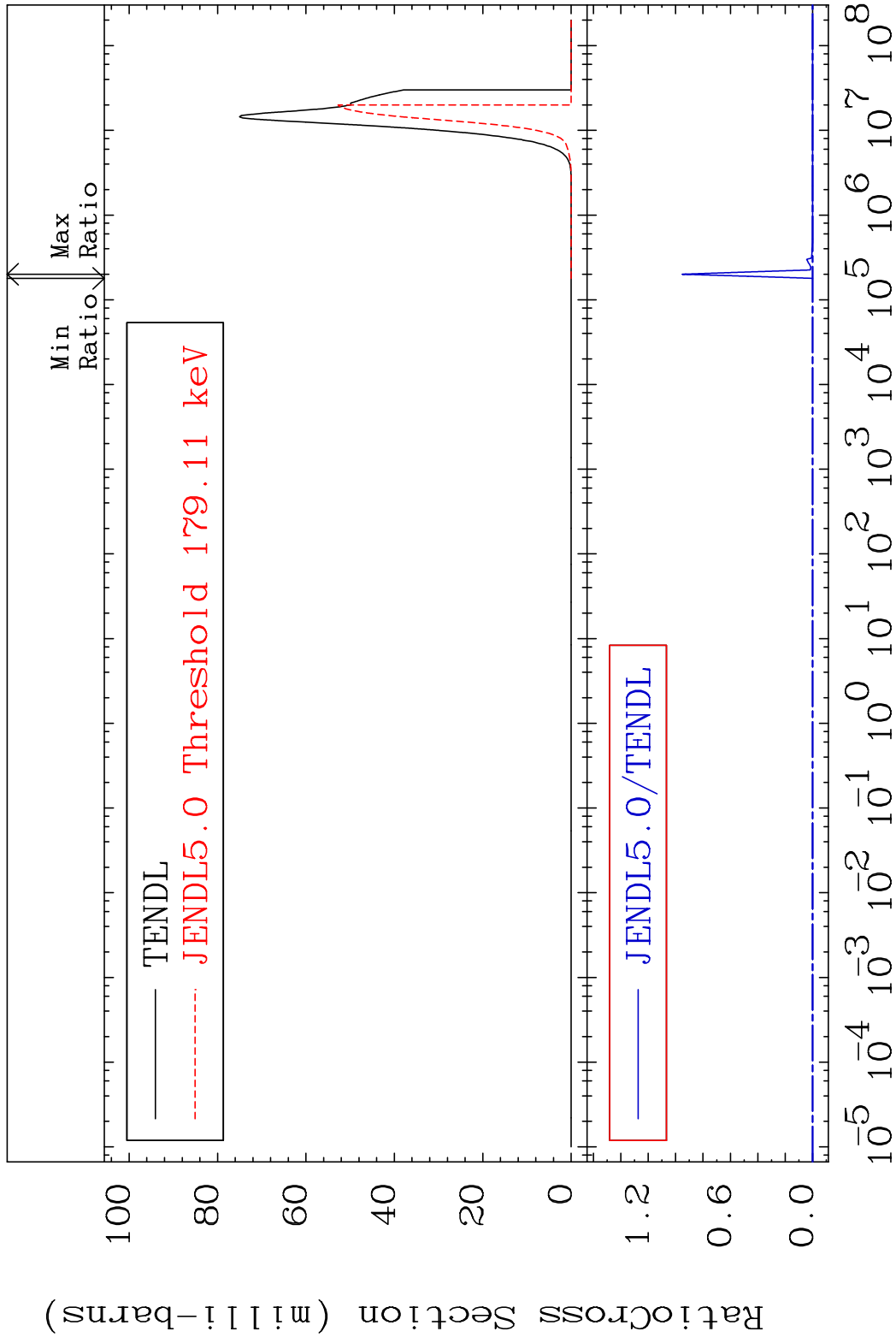
46-Pd-105

MAT 4634

(n, p)

46-Pd-105

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

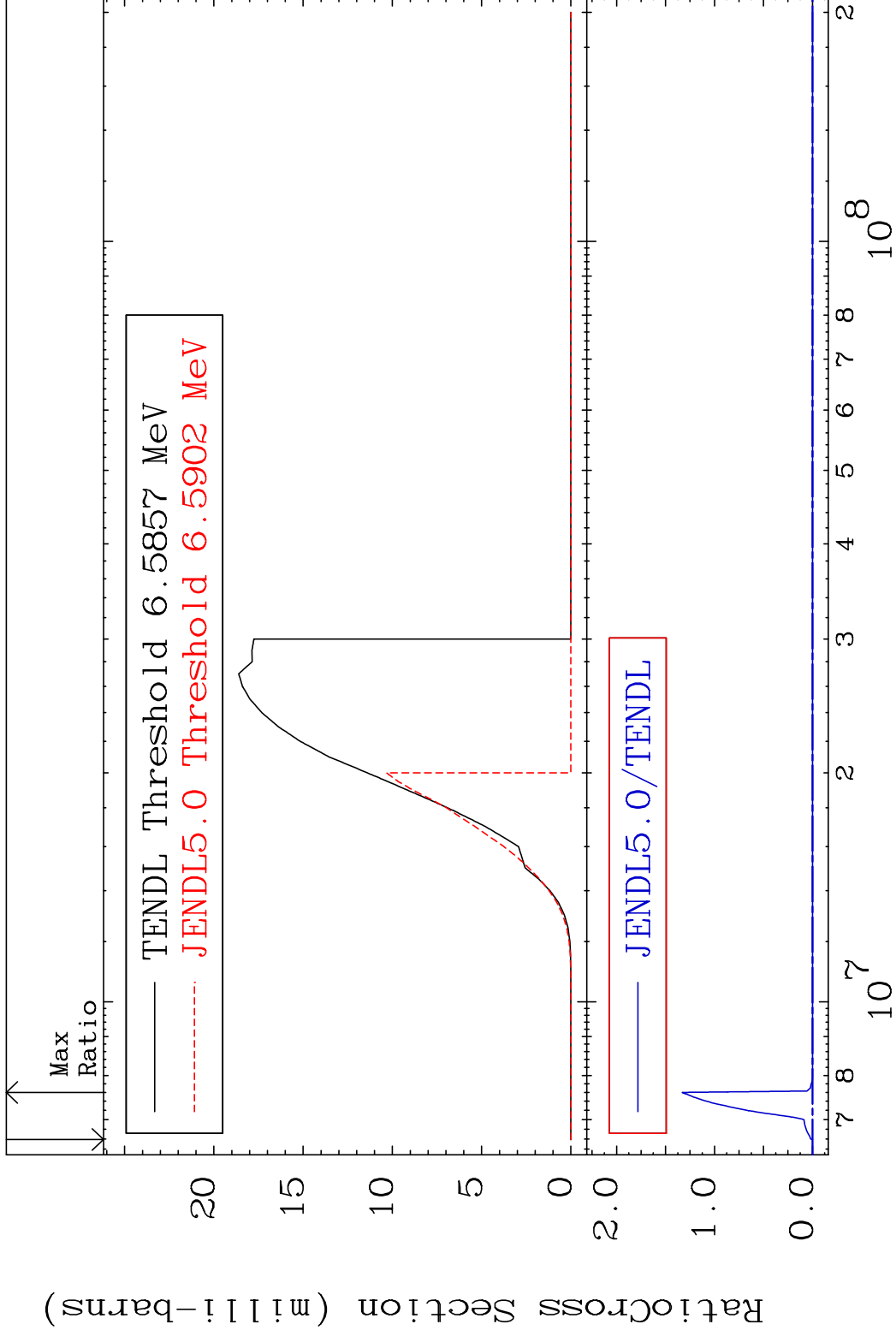
46-Pd-105

MAT 4634

(n,d)

46-Pd-105

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

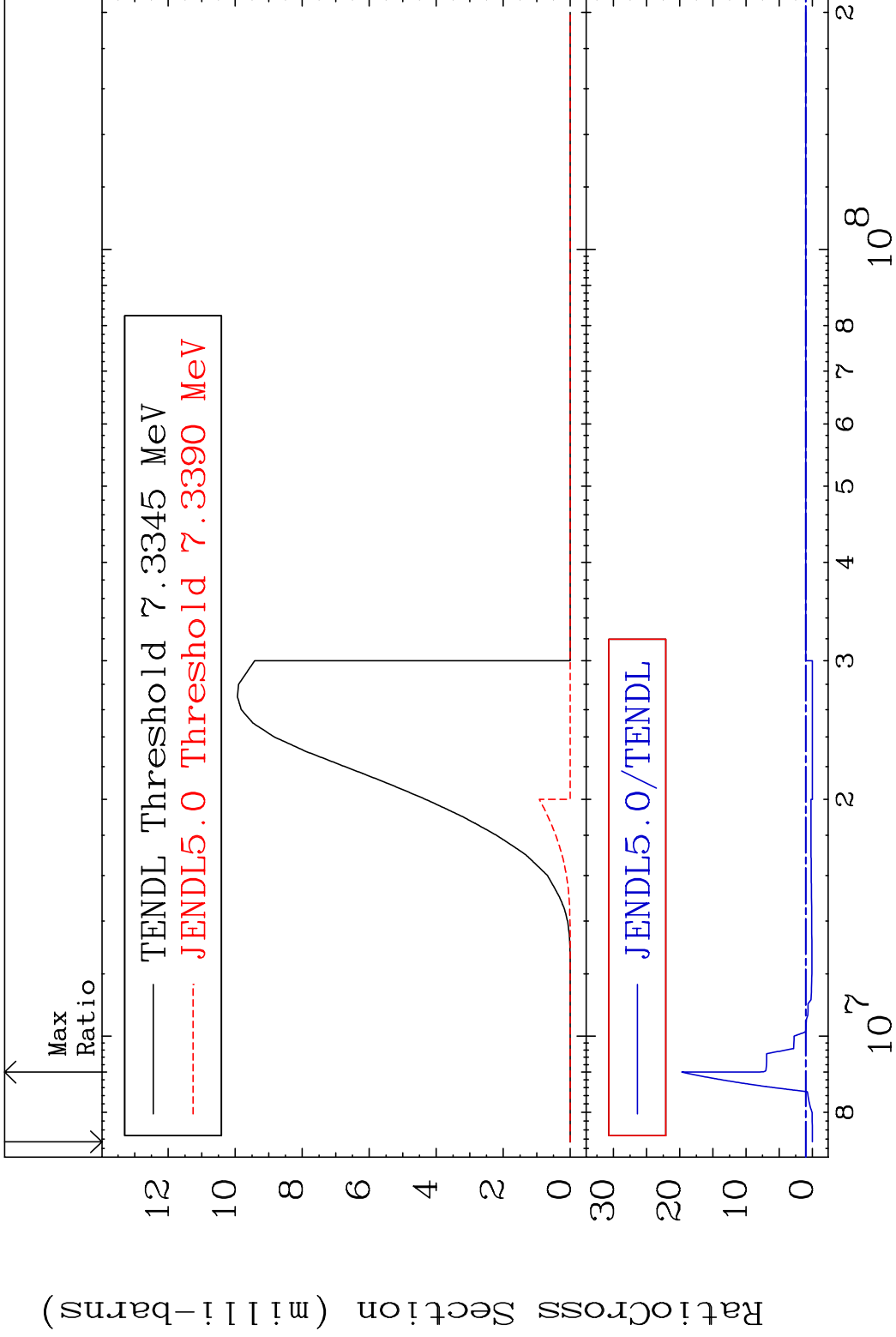
46-Pd-105

MAT 4634

(n, t)

46-Pd-105

Cross Section -100.0 To 1870. %



46

Incident Energy (eV)

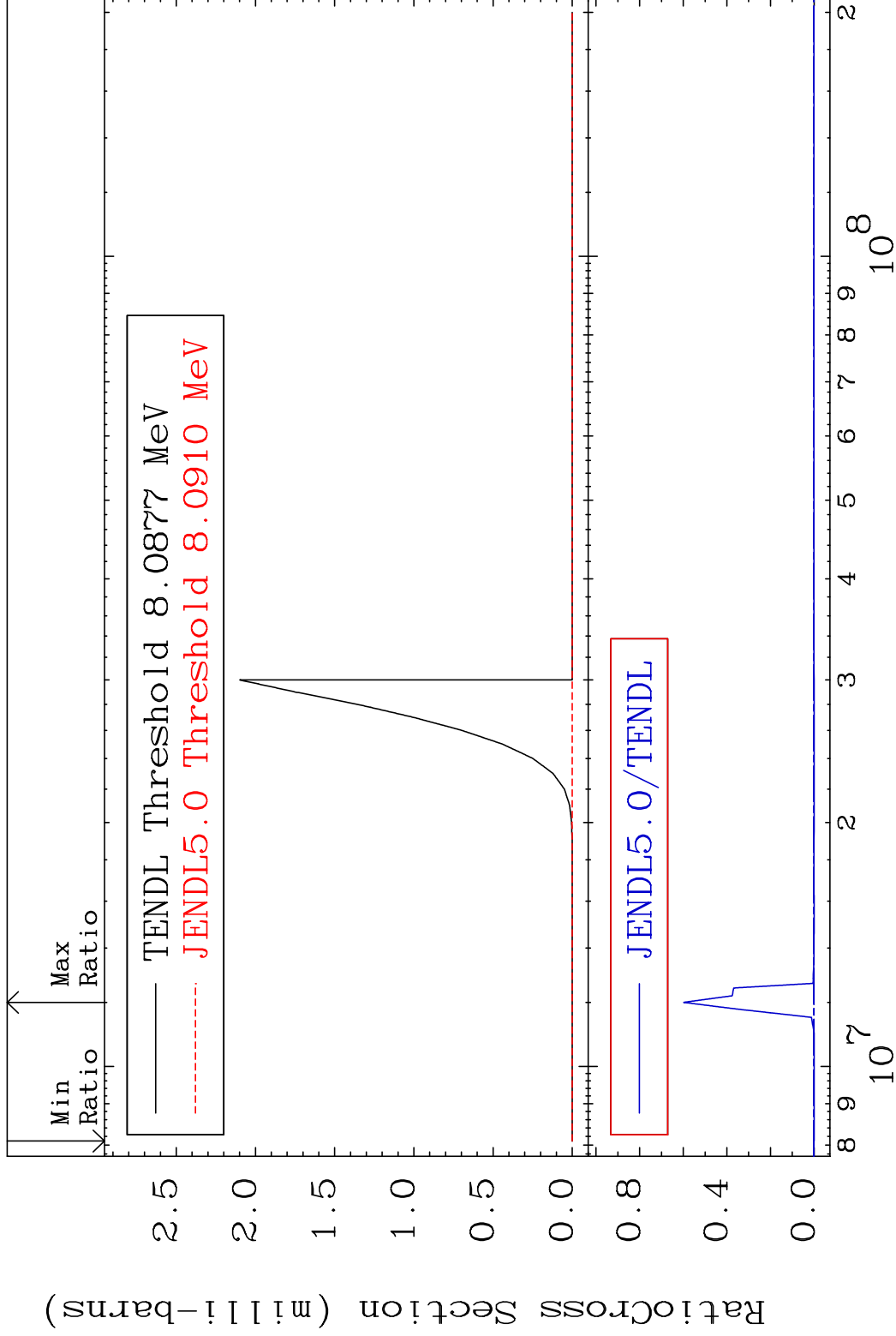
46-Pd-105

MAT 4634

(n, He-3)

46-Pd-105

Cross Section -100.0 To 9999. %

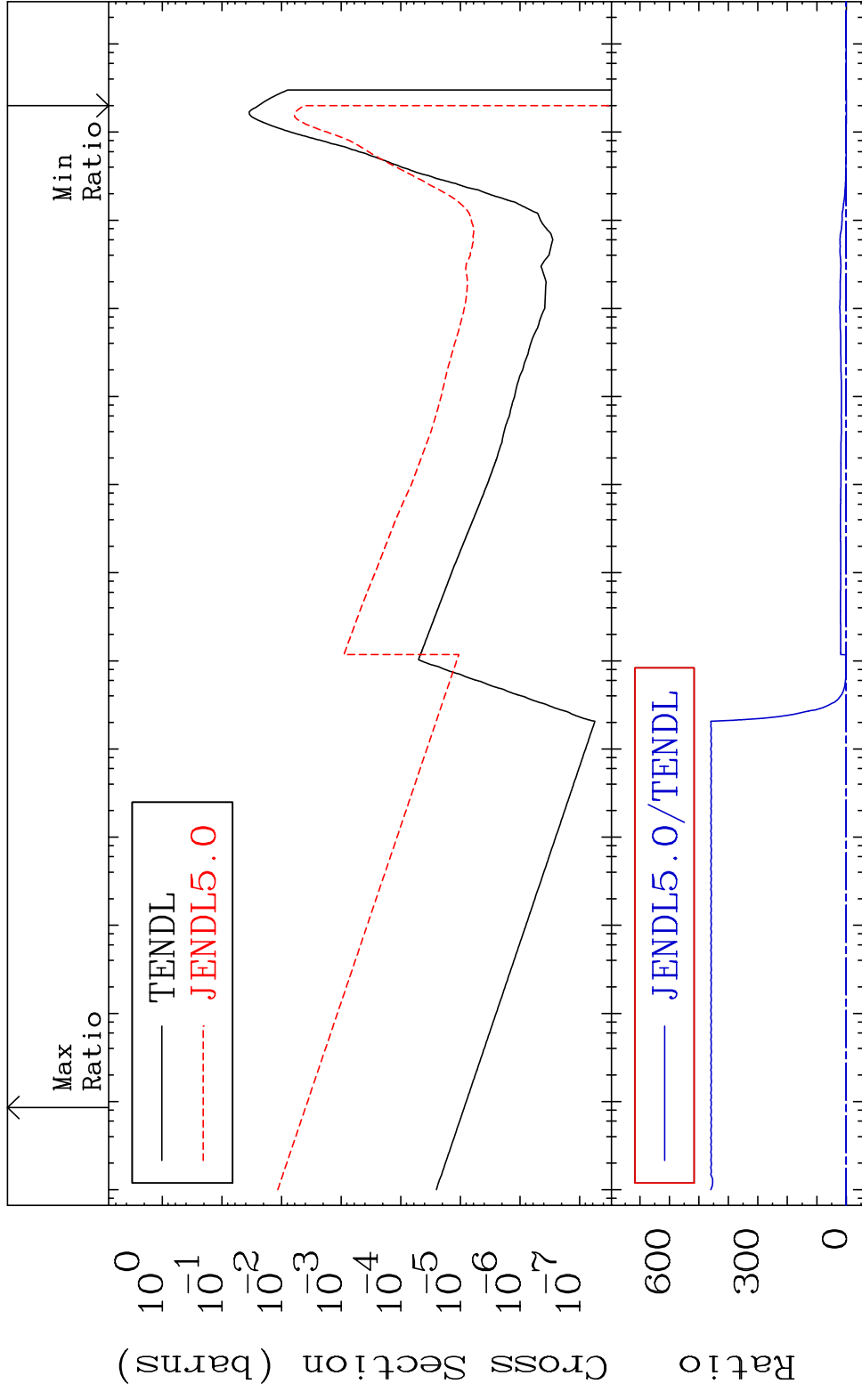


47

Incident Energy (eV)

46-Pd-105

MAT 4634 (n, α) 46-Pd-105
 Cross Section -100.0 To 9999. %

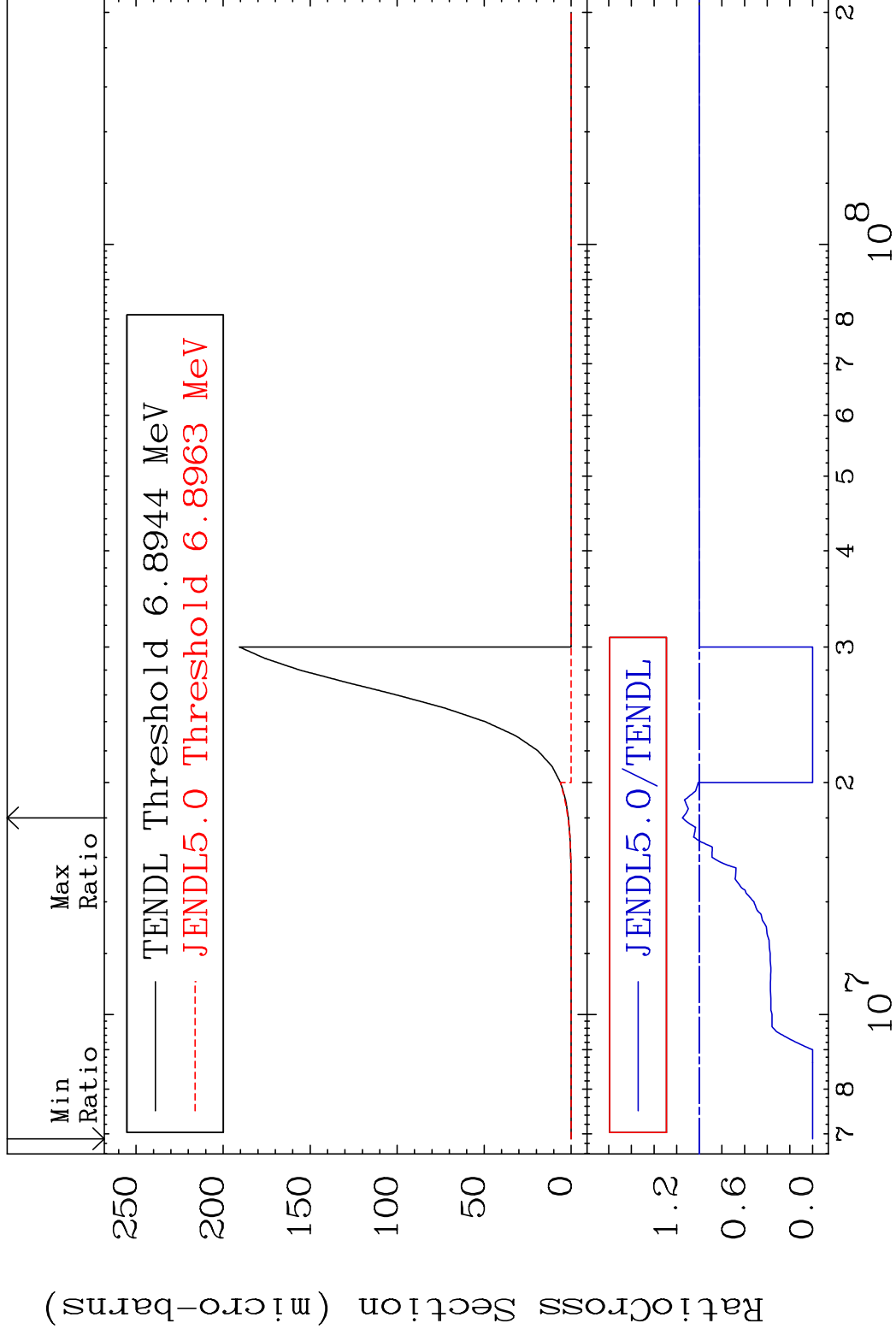


MAT 4634

(n,2p)

46-Pd-105

Cross Section -100.0 To 14.97 %

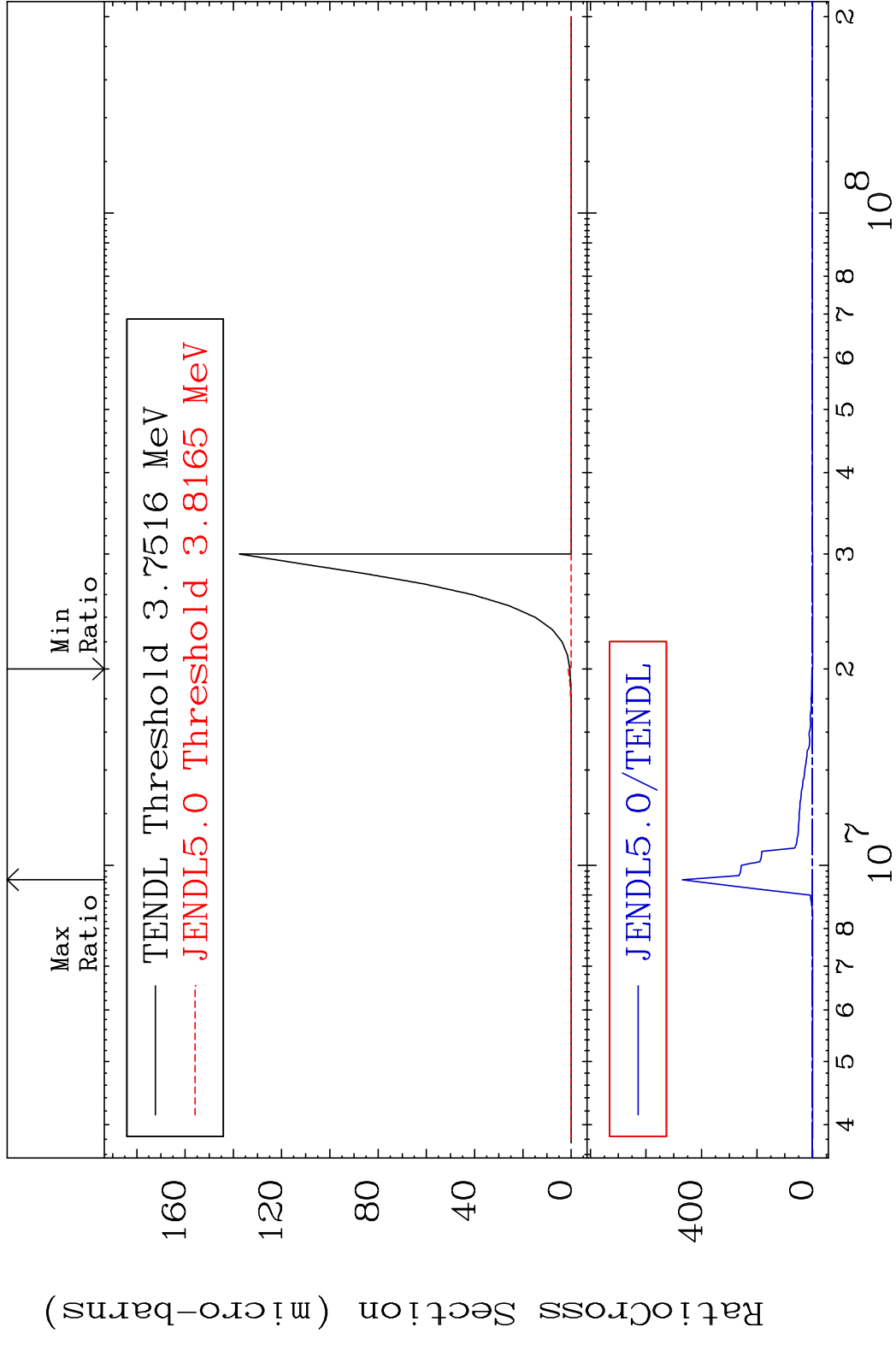


49

Incident Energy (eV)

46-Pd-105

MAT 4634 (n,p) α 46-Pd-105
 Cross Section -100.0 To 9999. %

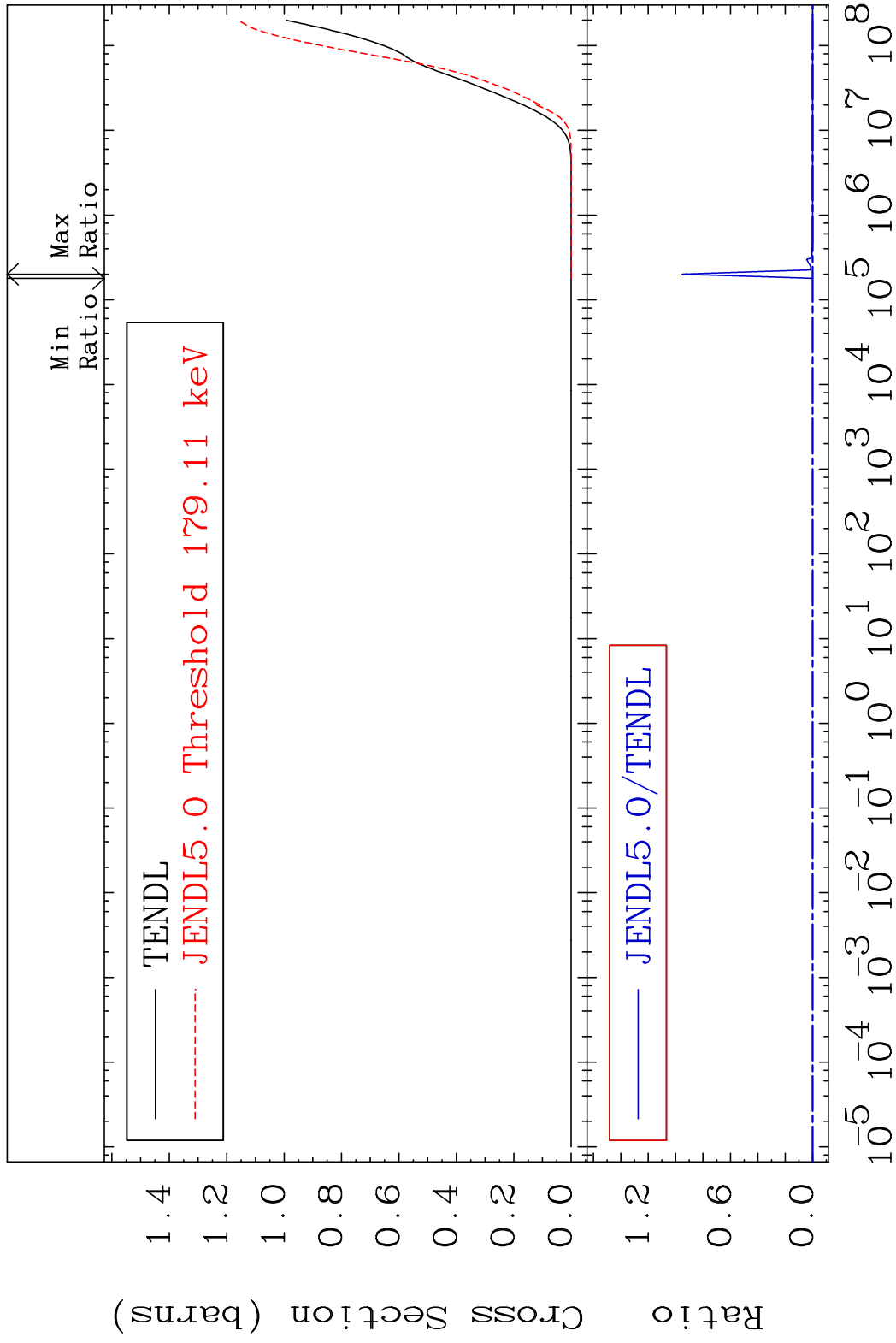


MAT 4634

Hydrogen Production

46-Pd-105

Cross Section -100.0 To 9999. %

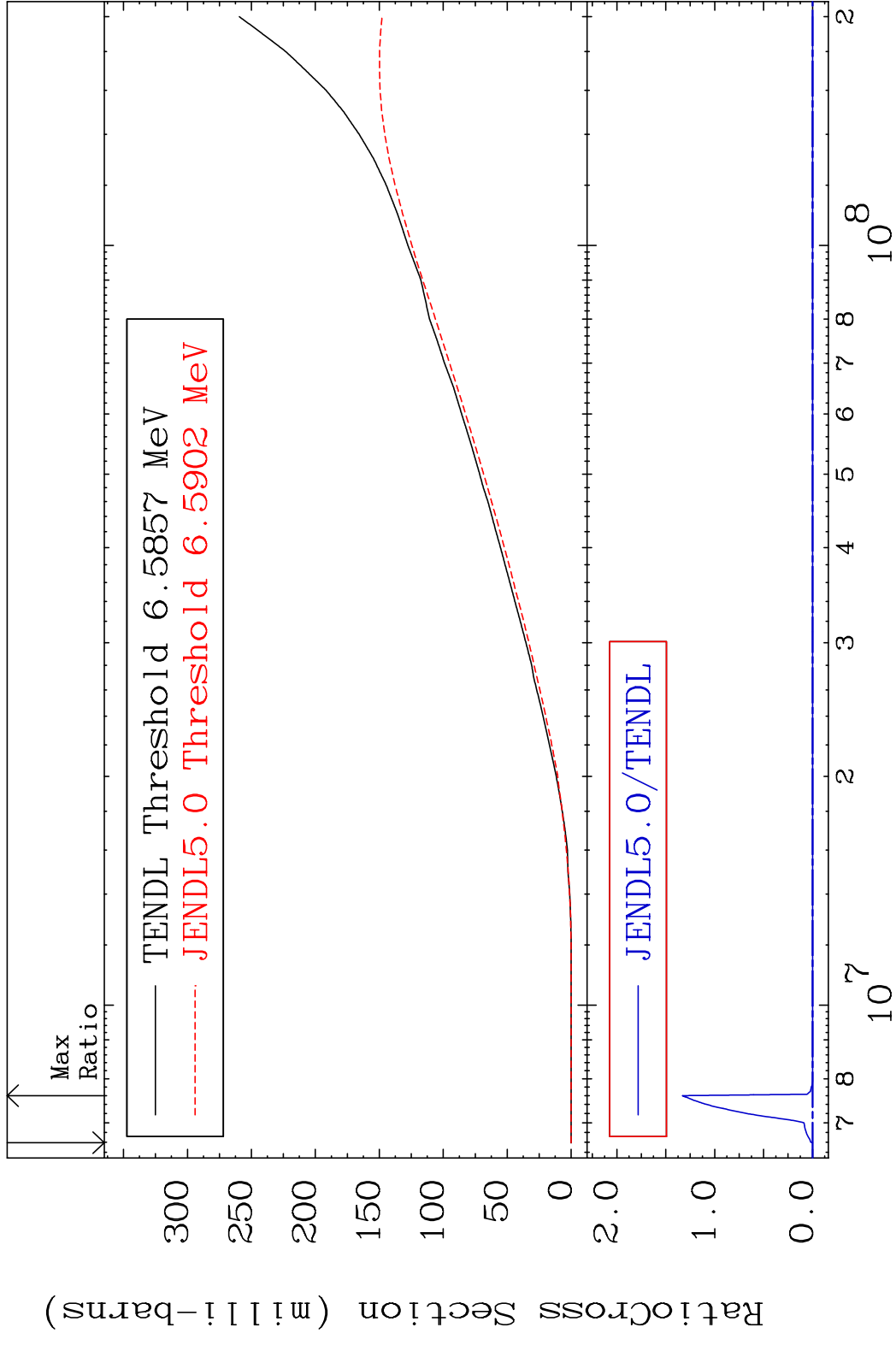


51

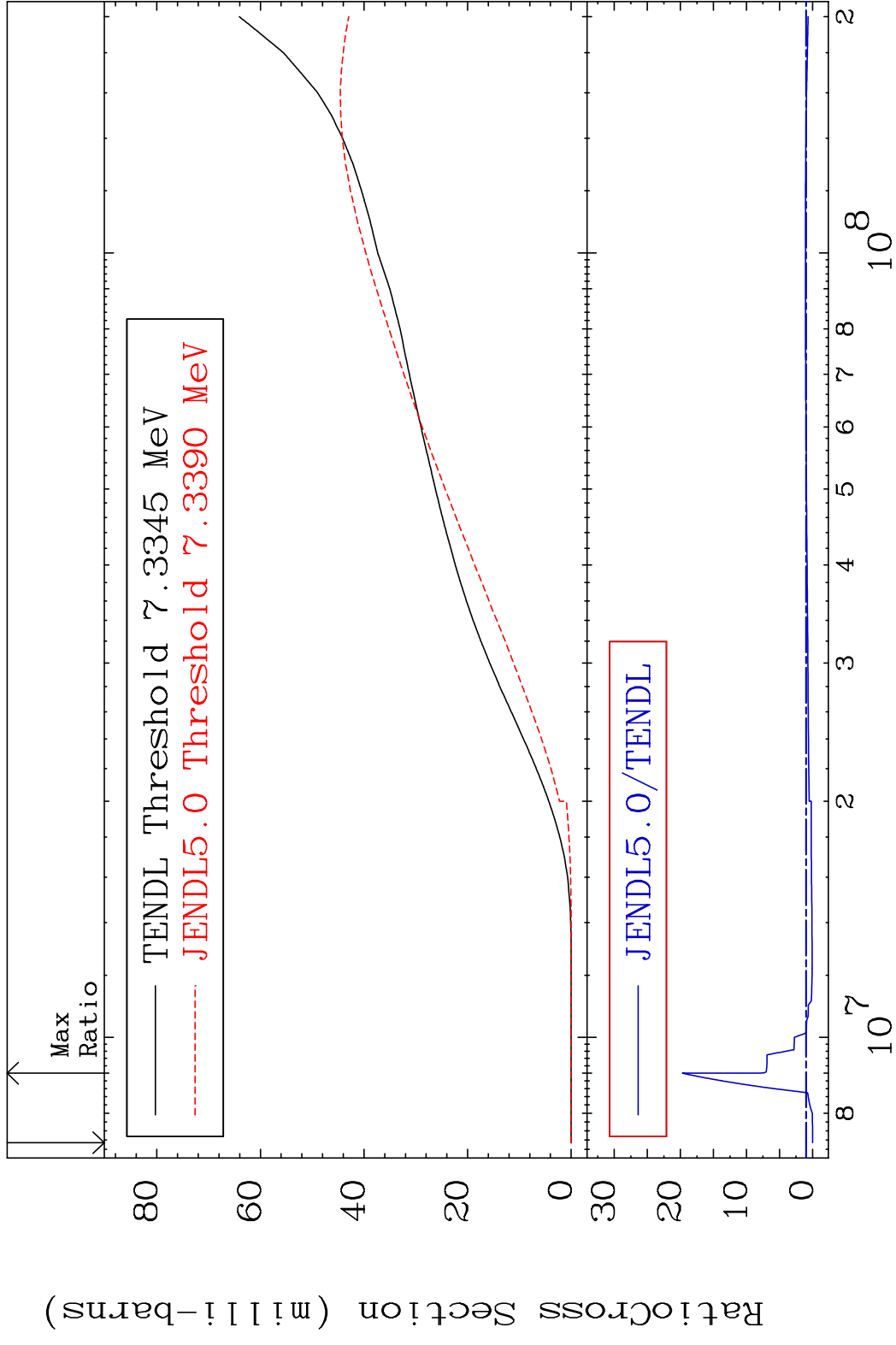
Incident Energy (eV)

46-Pd-105

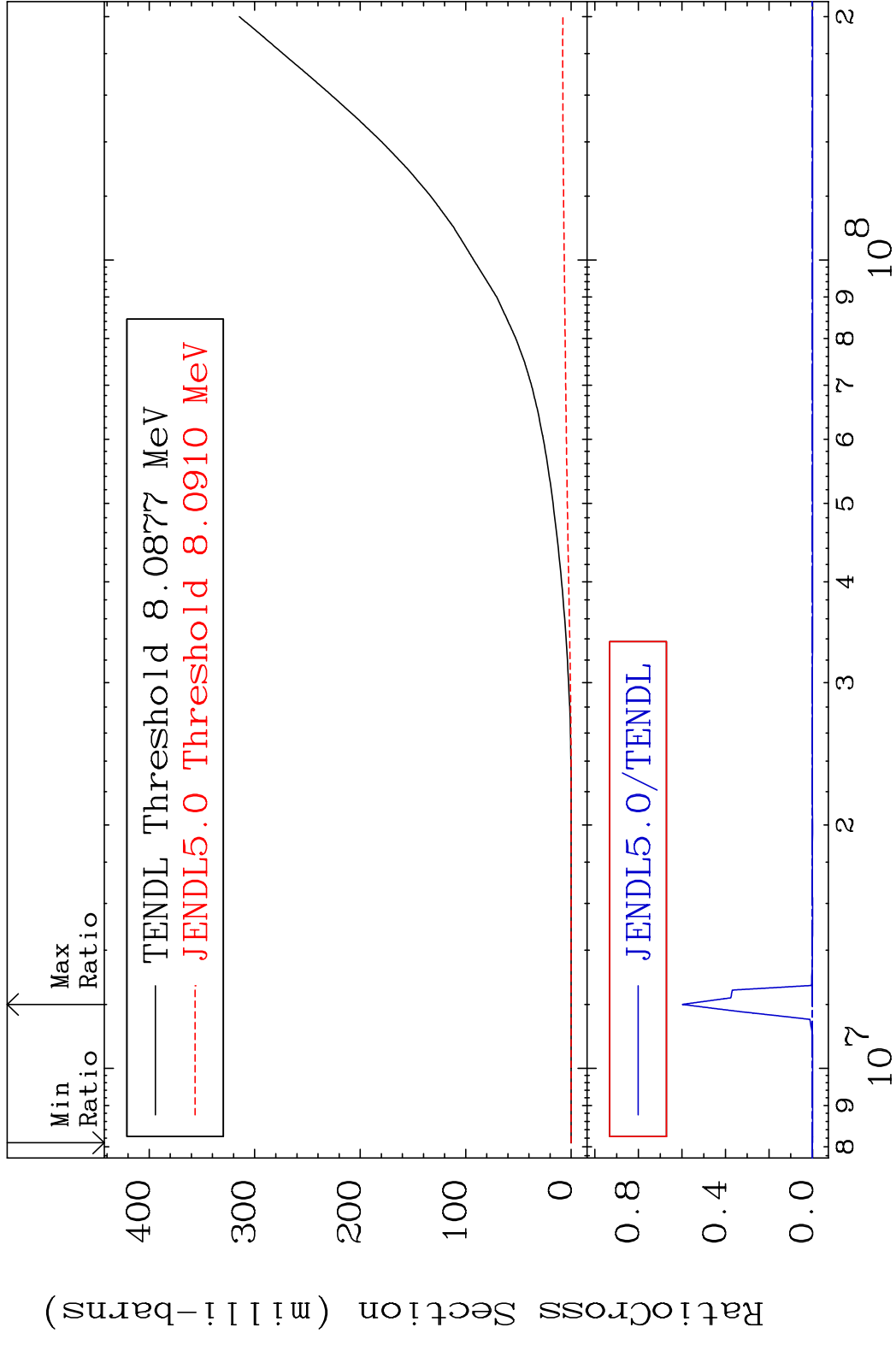
MAT 4634 Deuterium Production 46-Pd-105
 Cross Section -100.0 To 9999. %



MAT 4634 Tritium Production 46-Pd-105
 Cross Section -100.0 To 1870. %

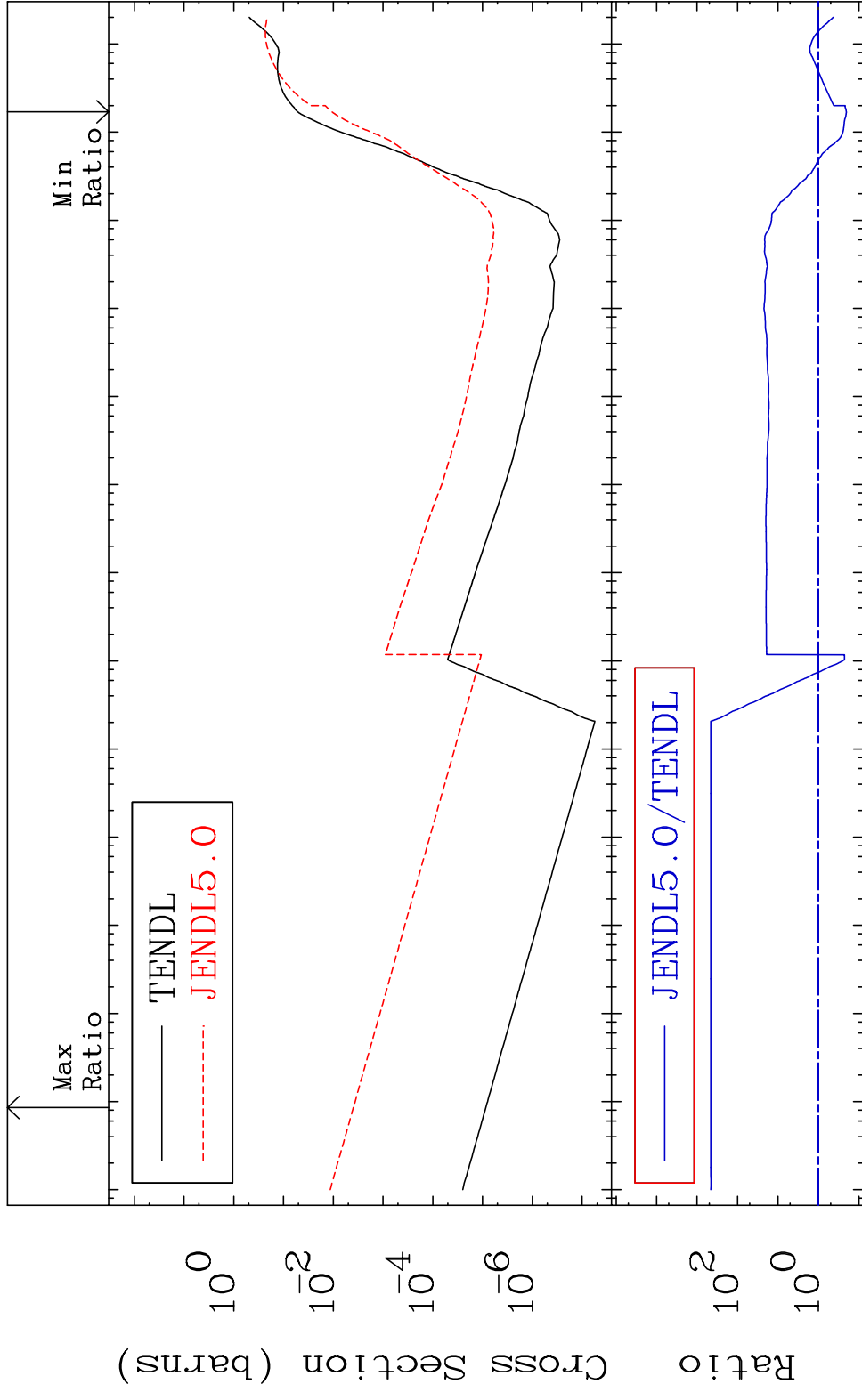


MAT 4634 He-3 Production 46-Pd-105
 Cross Section -100.0 To 9999. %

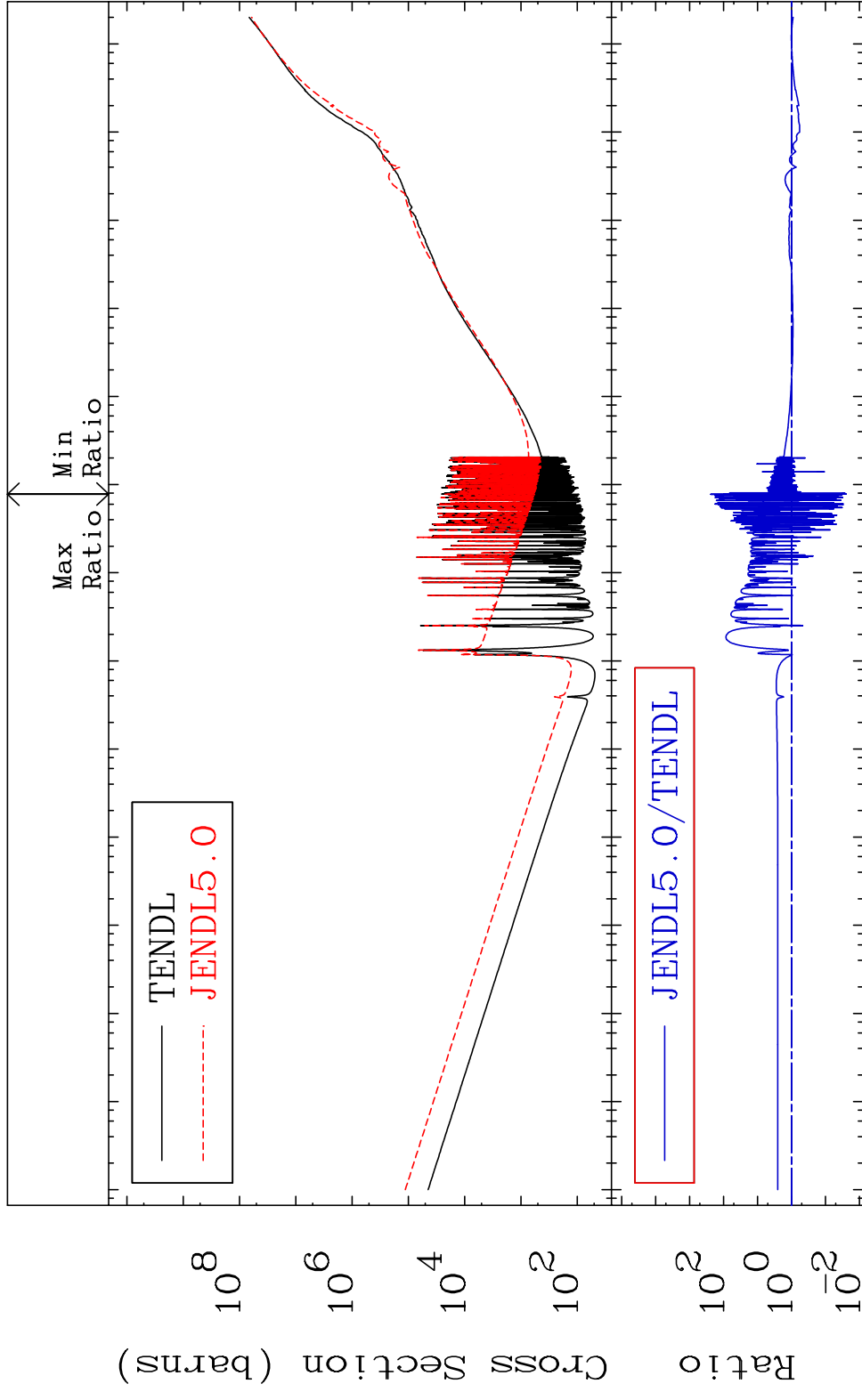


54 Incident Energy (eV) 46-Pd-105

MAT 4634 He-4 Production 46-Pd-105
 Cross Section -79.54 To 9999. %



MAT 4634 Kerma total (eV-barns) 46-Pd-105
 Cross Section -97.56 To 9999. %



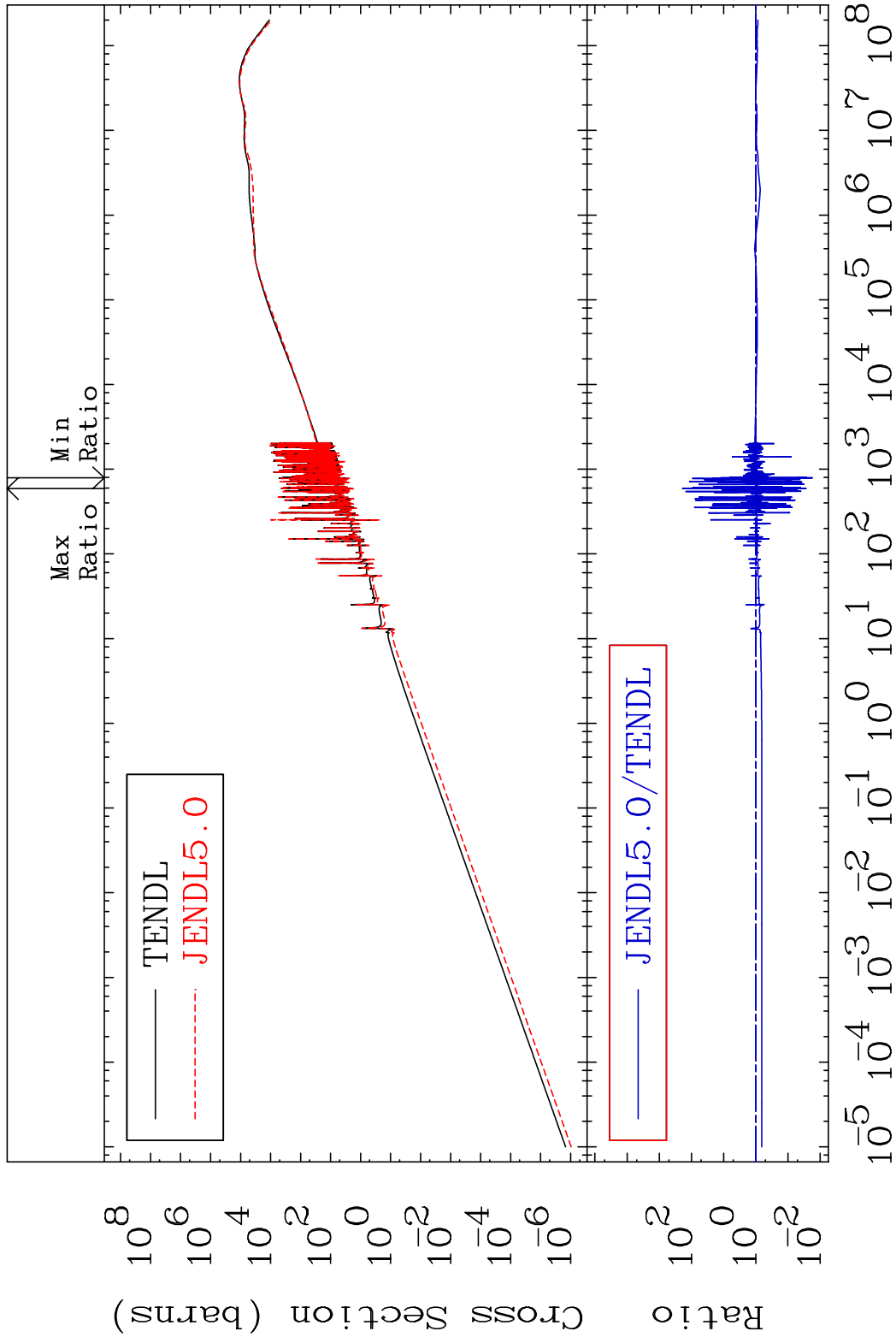
56 Incident Energy (eV) 46-Pd-105

MAT 4634

Kerma elastic

46-Pd-105

Cross Section -98.28 To 9999. %

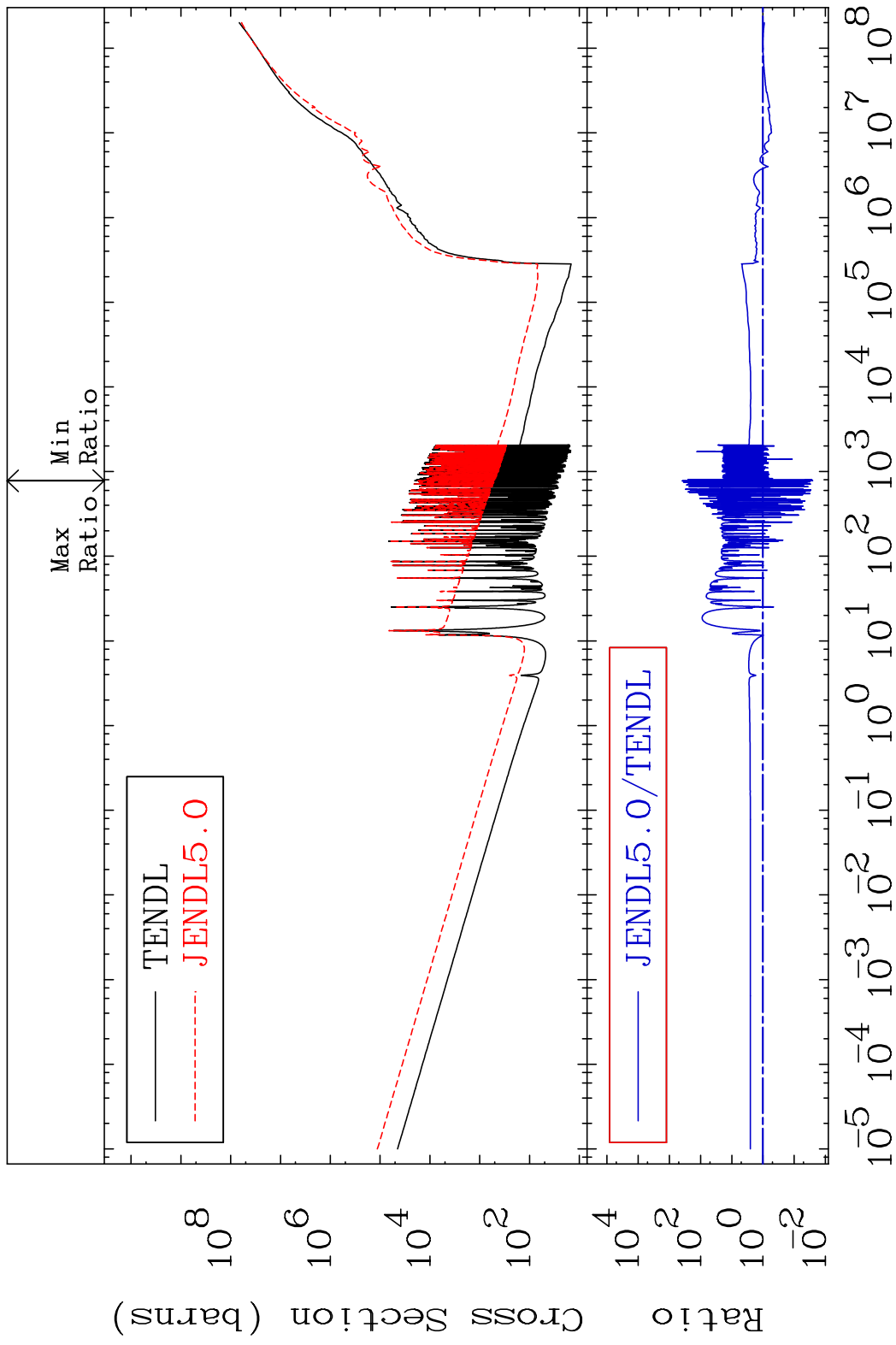


57

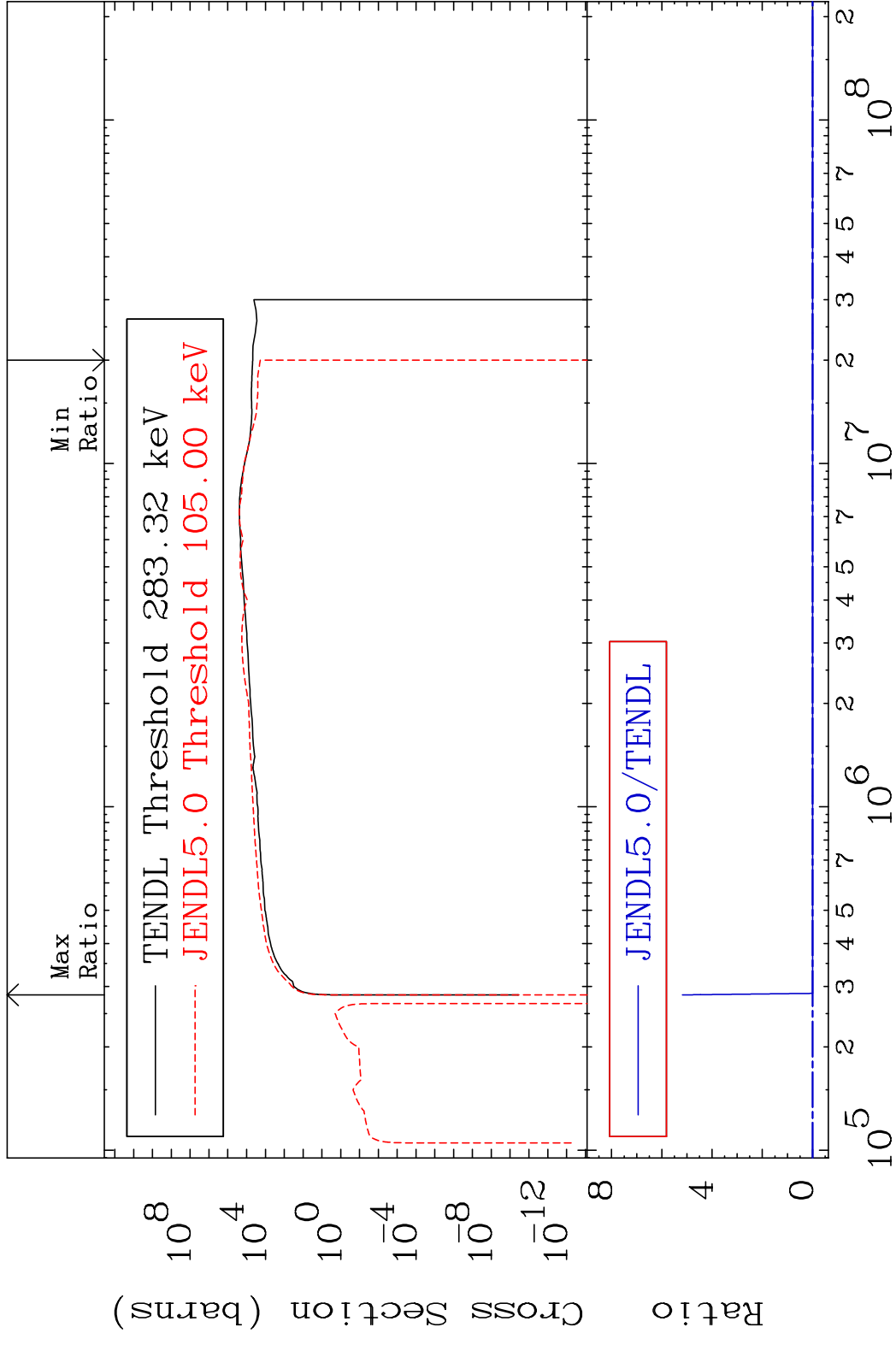
Incident Energy (eV)

46-Pd-105

MAT 4634 Kerma non-elastic (all but mt2) 46-Pd-105
 Cross Section -97.42 To 9999. %

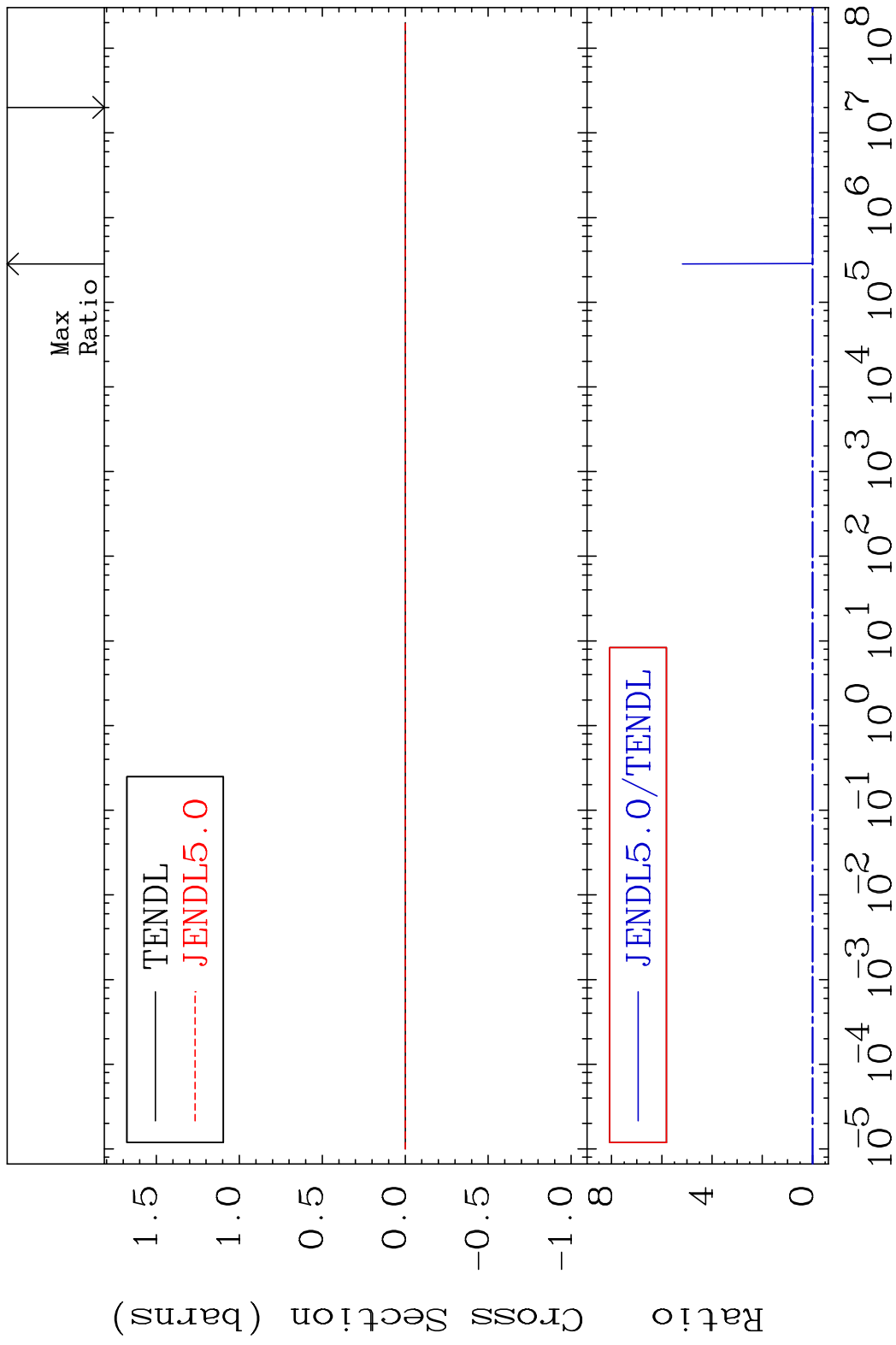


MAT 4634 Kerma inelastic (mt51-91) 46-Pd-105
 Cross Section -100.0 To 9999. %



59 Incident Energy (eV) 46-Pd-105

MAT 4634 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-105
 Cross Section -100.0 To 9999. %



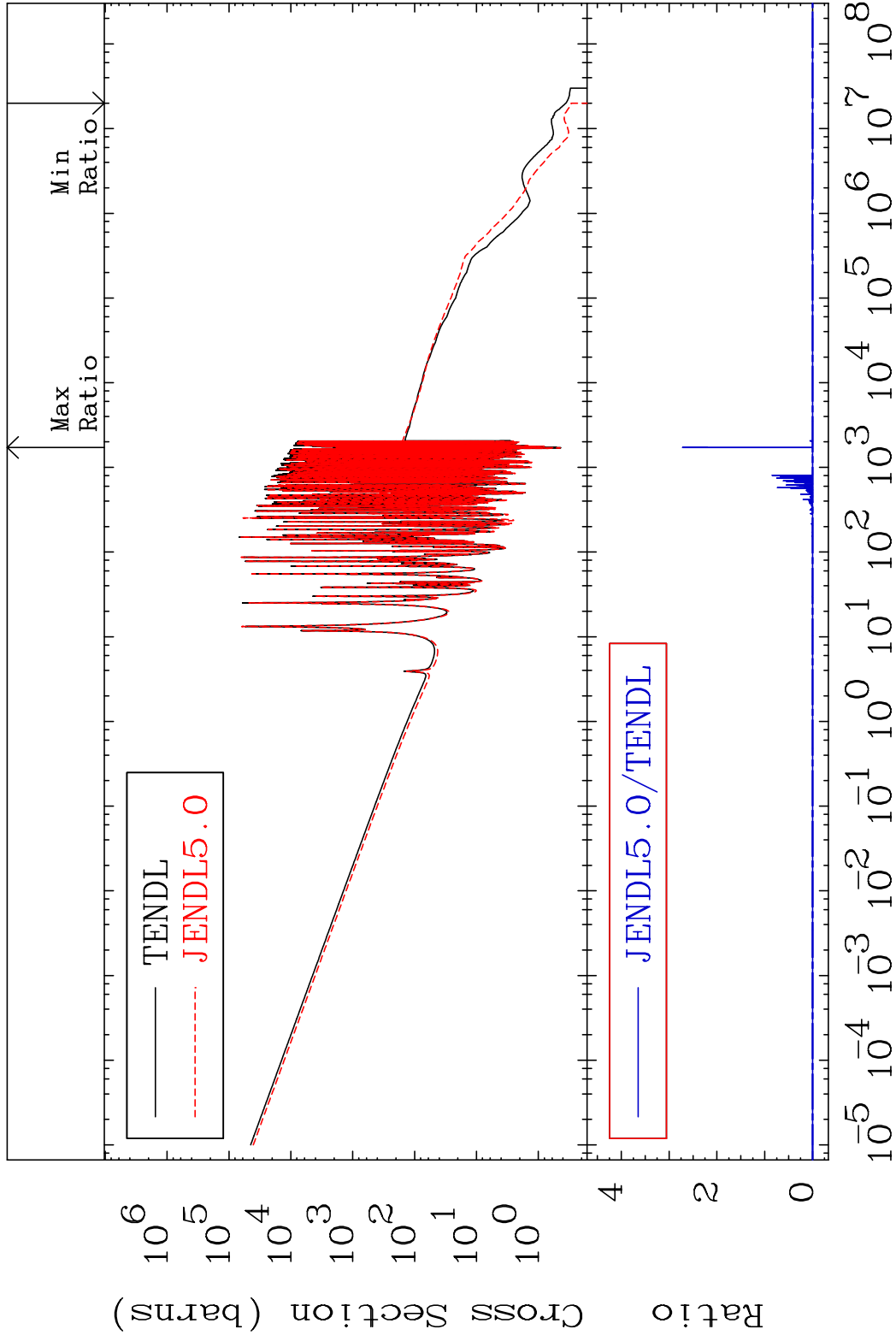
60 Incident Energy (eV) 46-Pd-105

MAT 4634

Kerma capture (mt102)

46-Pd-105

Cross Section -100.0 To 9999. %

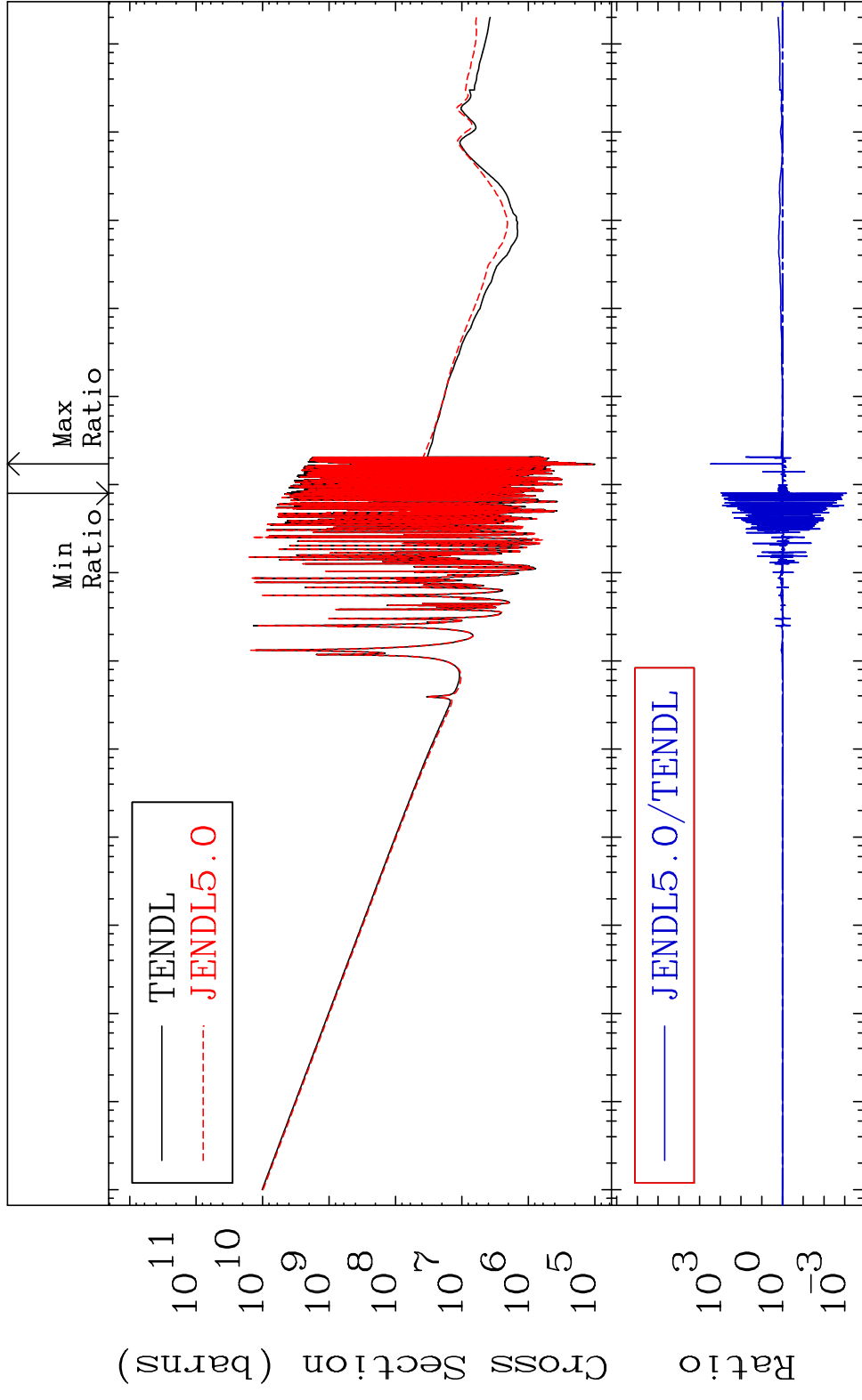


61

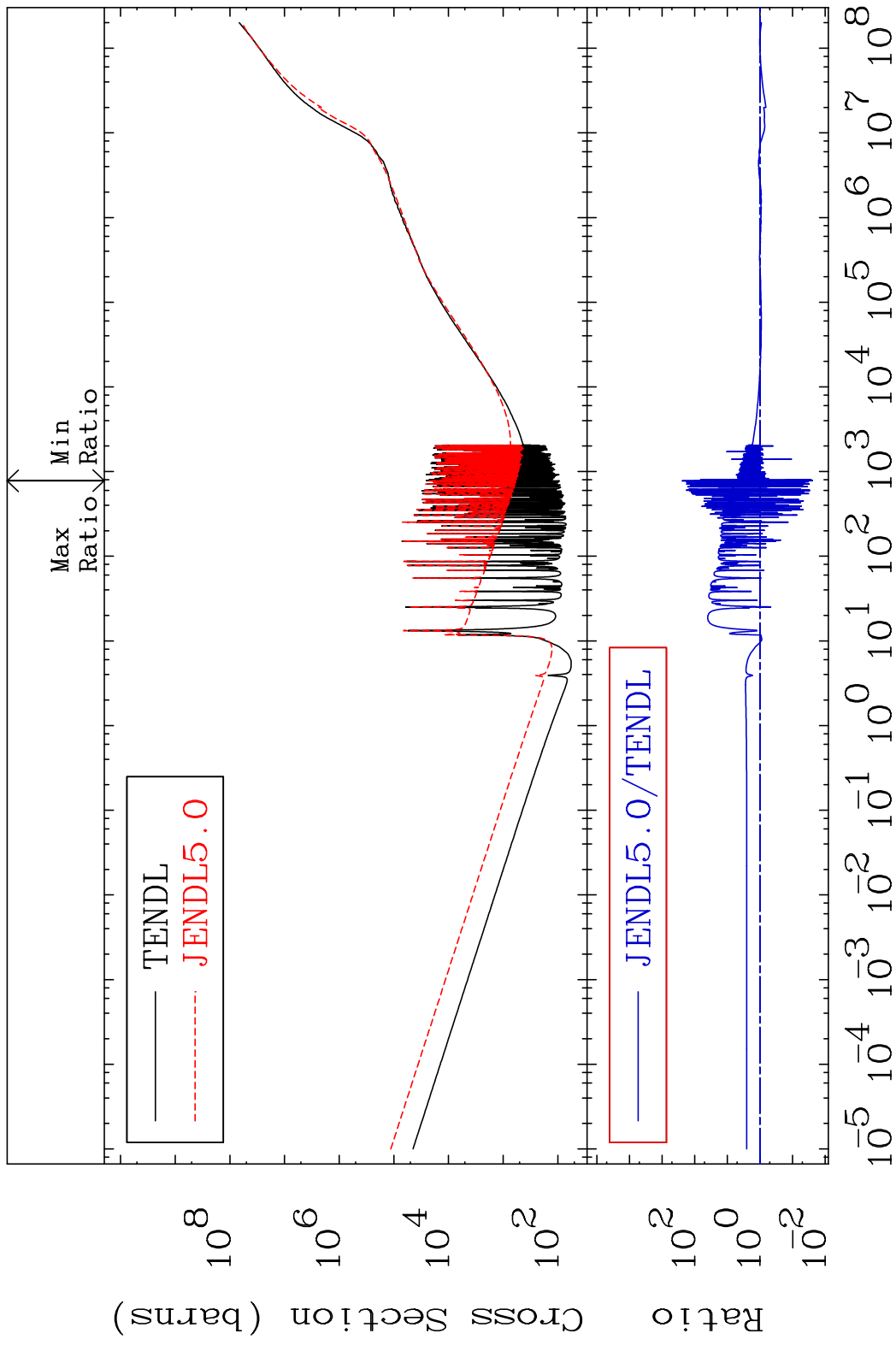
Incident Energy (eV)

46-Pd-105

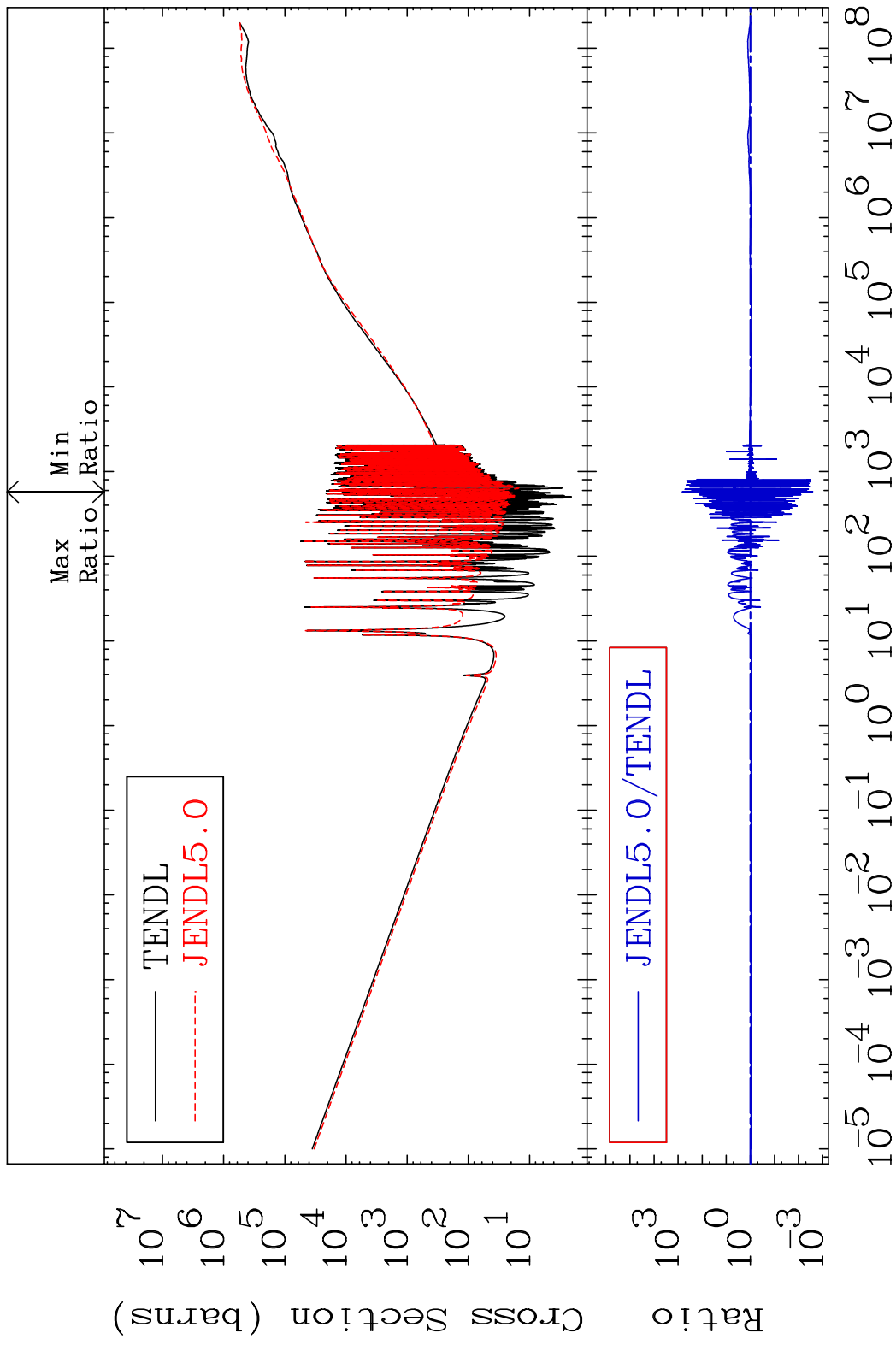
MAT 4634 Total photon (eV-barns) 46-Pd-105
 Cross Section -99.92 To 9999. %



MAT 4634 Total kinematic kerma (high limit) 46-Pd-105
 Cross Section -97.56 To 9999. %



MAT 4634 Dpa total (eV-barns) 46-Pd-105
 Cross Section -99.74 To 9999. %



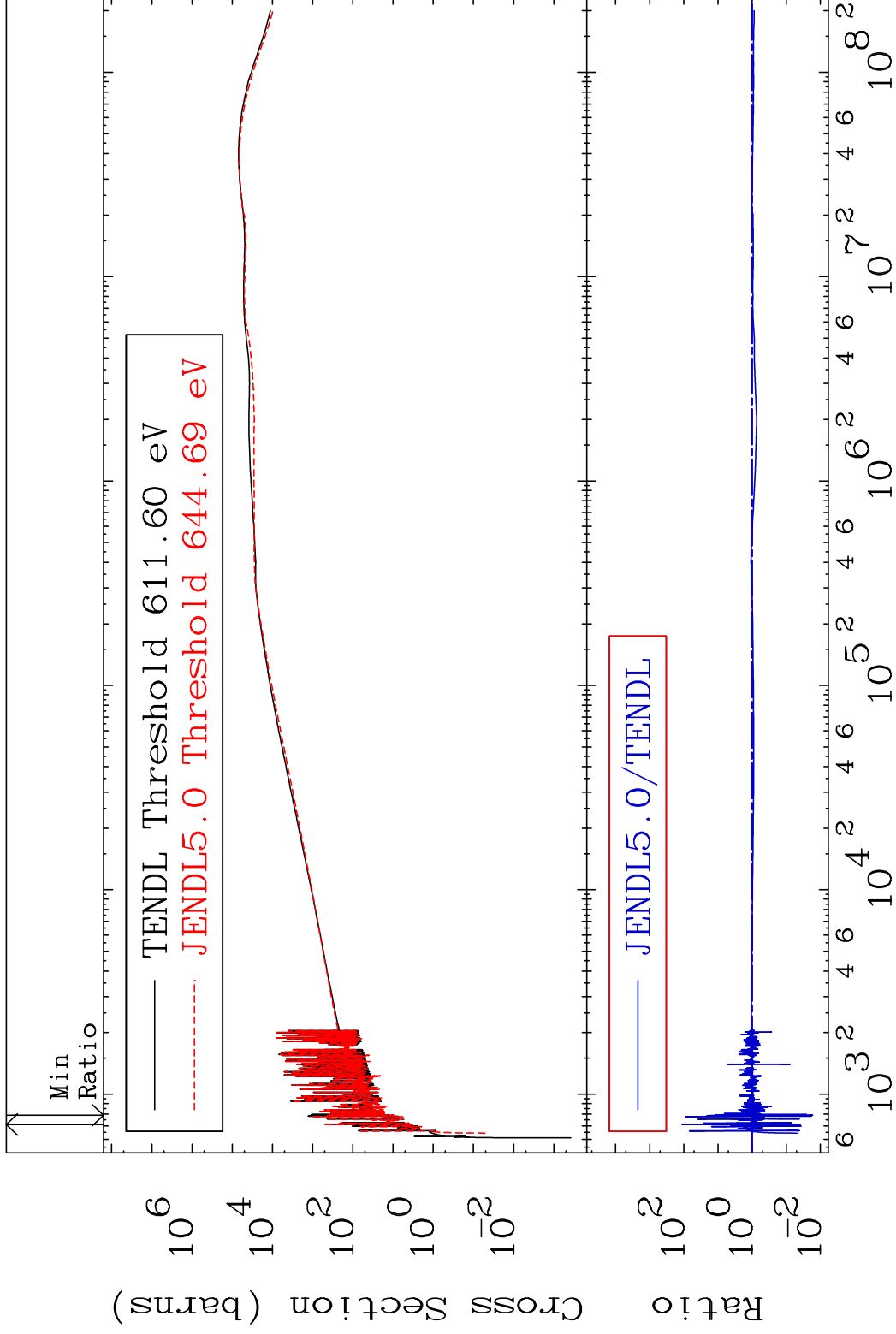
MAT 4634

Dpa elastic (mt2)

46-Pd-105

Cross Section

-98.29 To 9999. %



65

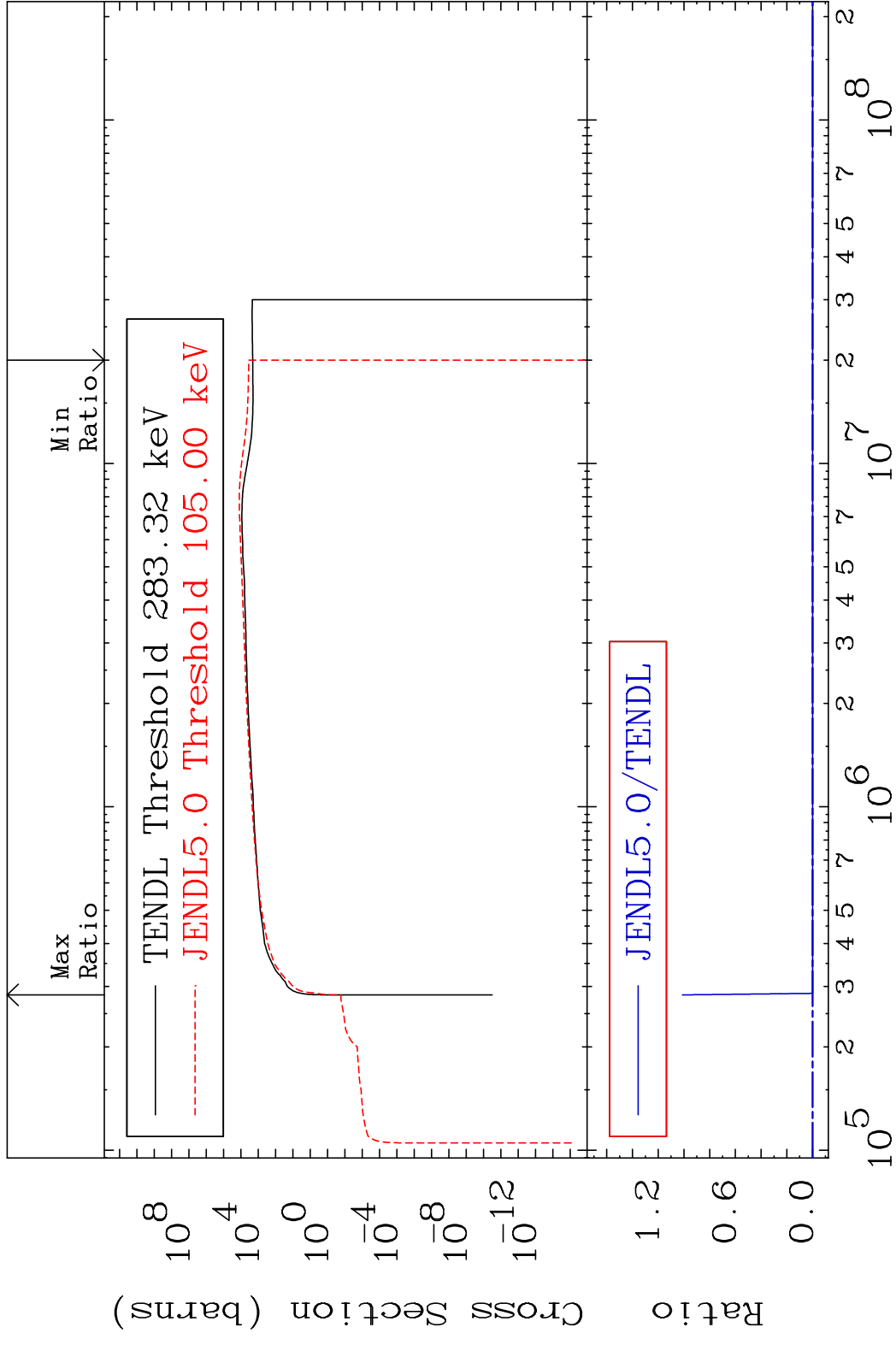
Incident Energy (eV)

46-Pd-105

MAT 4634

Dpa inelastic (mt51-91) 46-Pd-105

Cross Section -100.0 To 9999. %

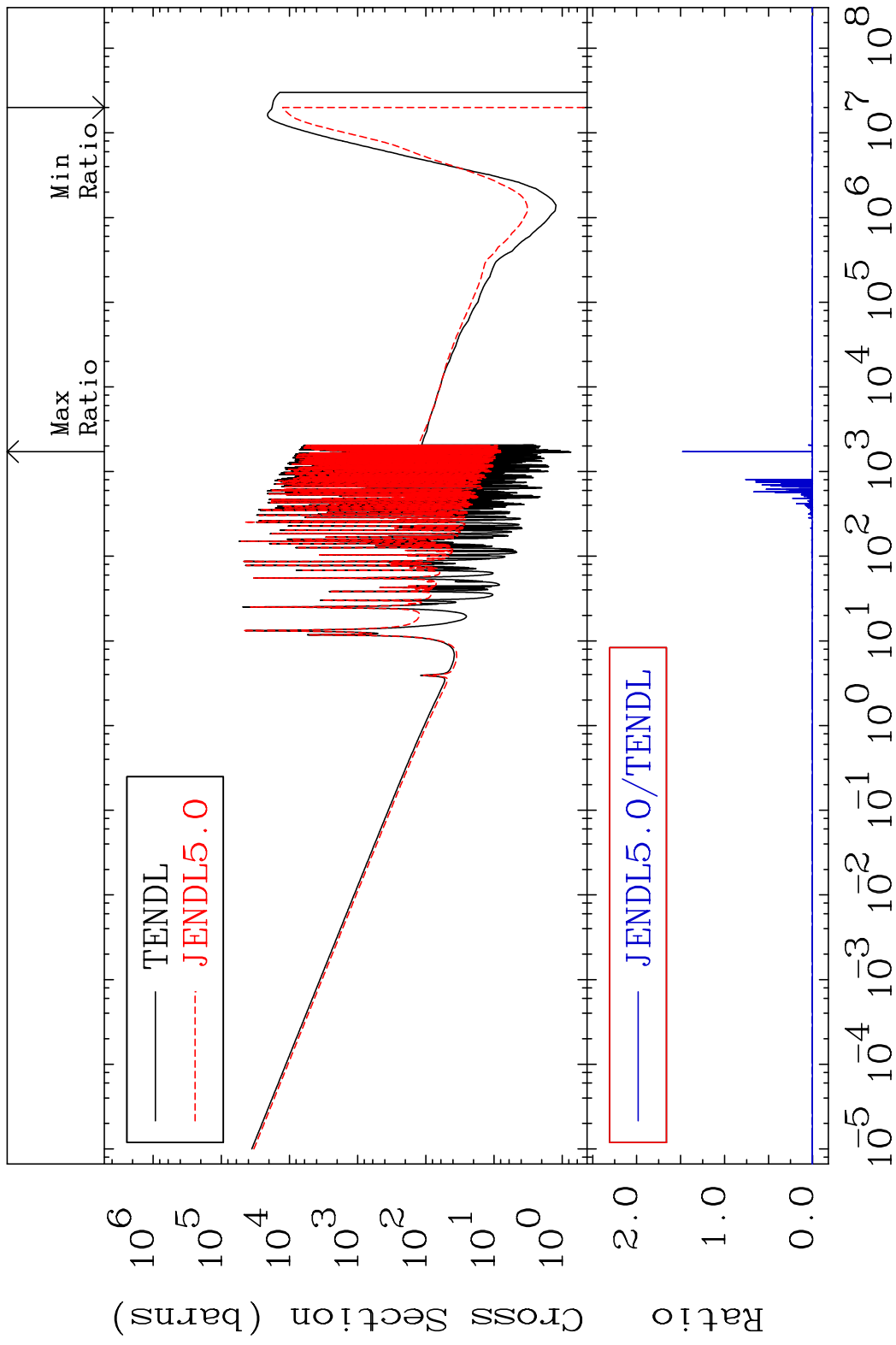


66

Incident Energy (eV)

46-Pd-105

MAT 4634 Dpa disappearance (mt102 -120) 46-Pd-105
 Cross Section -100.0 To 9999. %



67 Incident Energy (eV) 46-Pd-105