

Program Complot  
(Version 2021-1)

by

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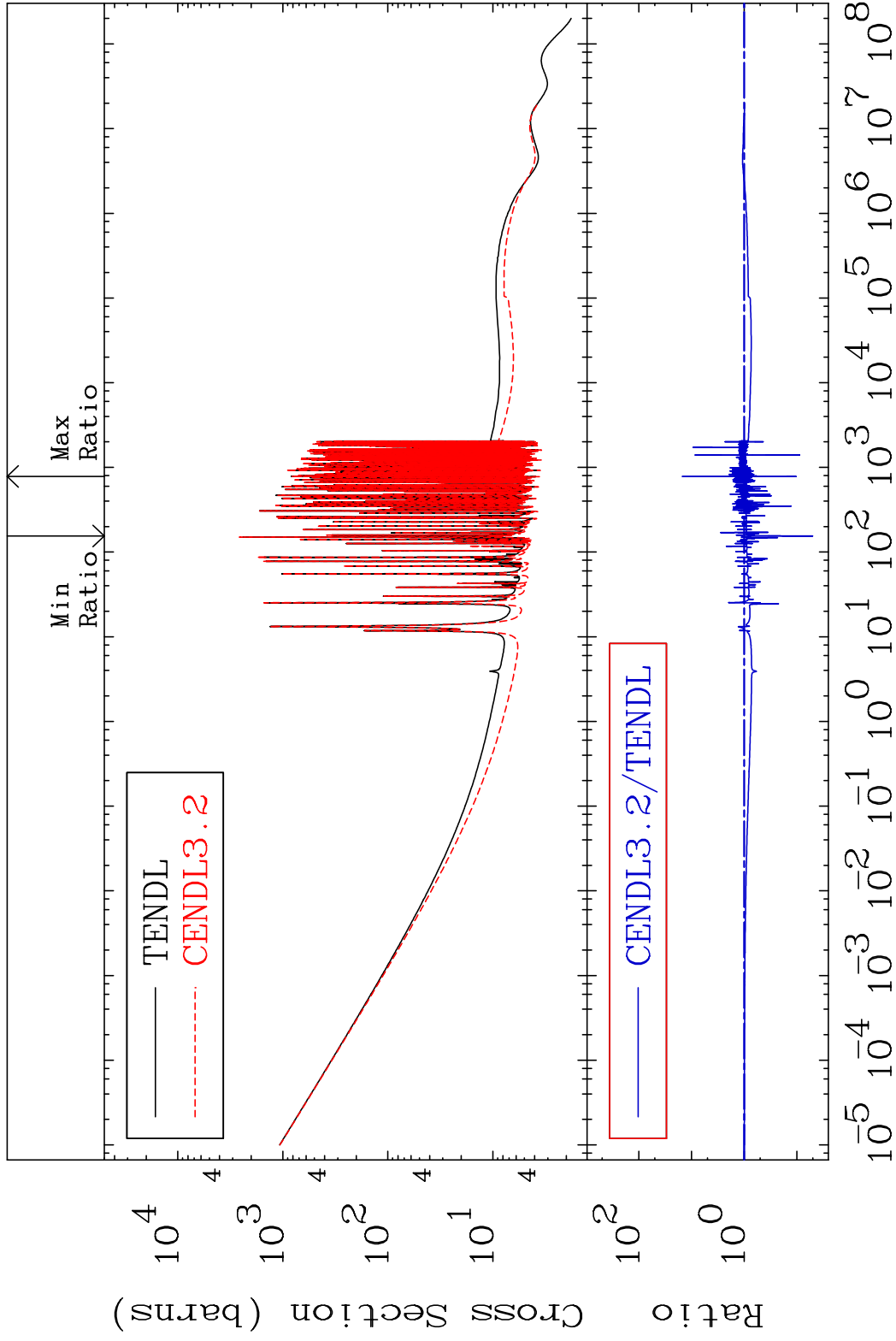
Press Mouse Button to Start

MAT 4634

Total

46-Pd-105

Cross Section -94.96 To 1393. %



1

Incident Energy (eV)

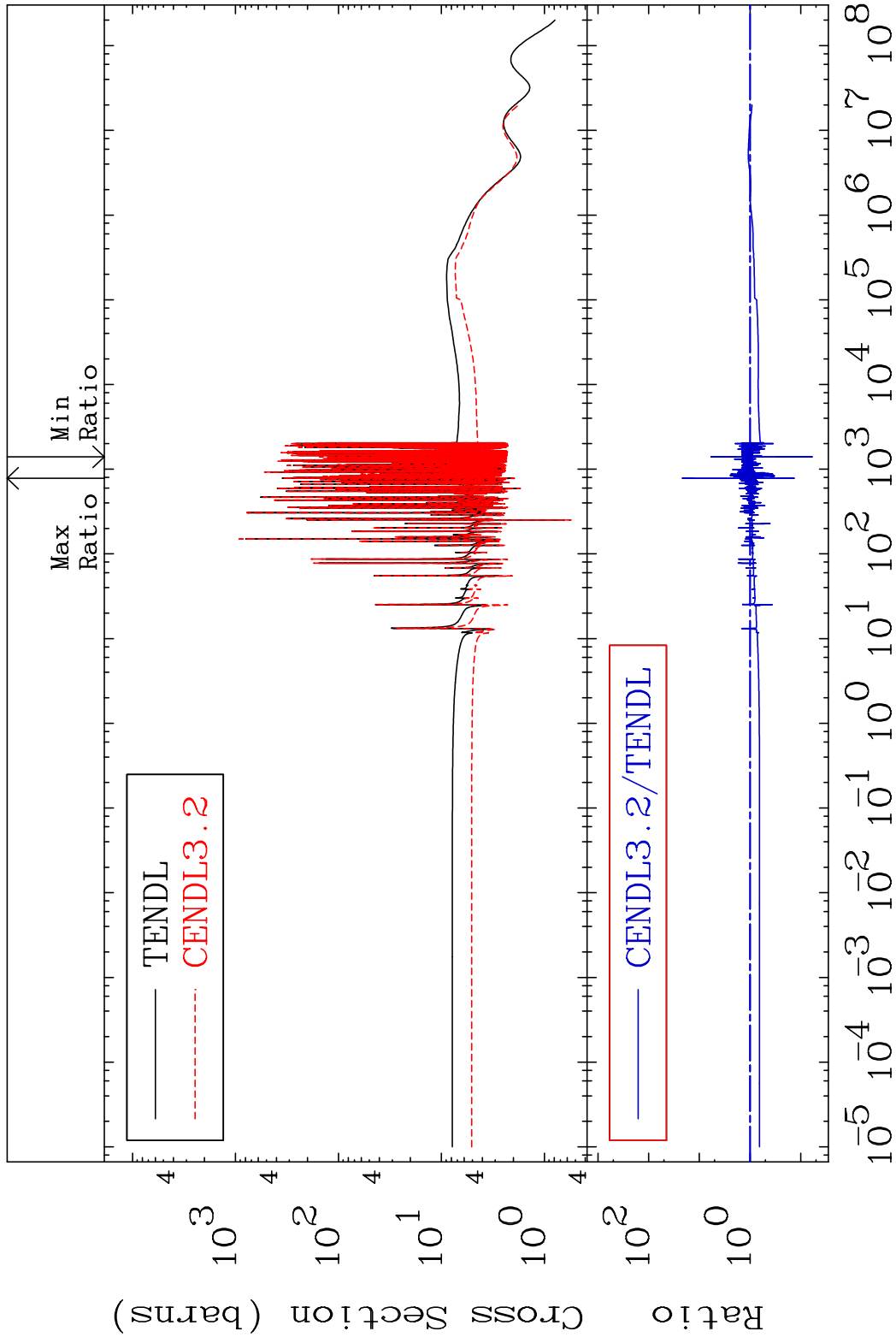
46-Pd-105

MAT 4634

Elastic

46-Pd-105

Cross Section -94.15 To 2065. %



2

Incident Energy (eV)

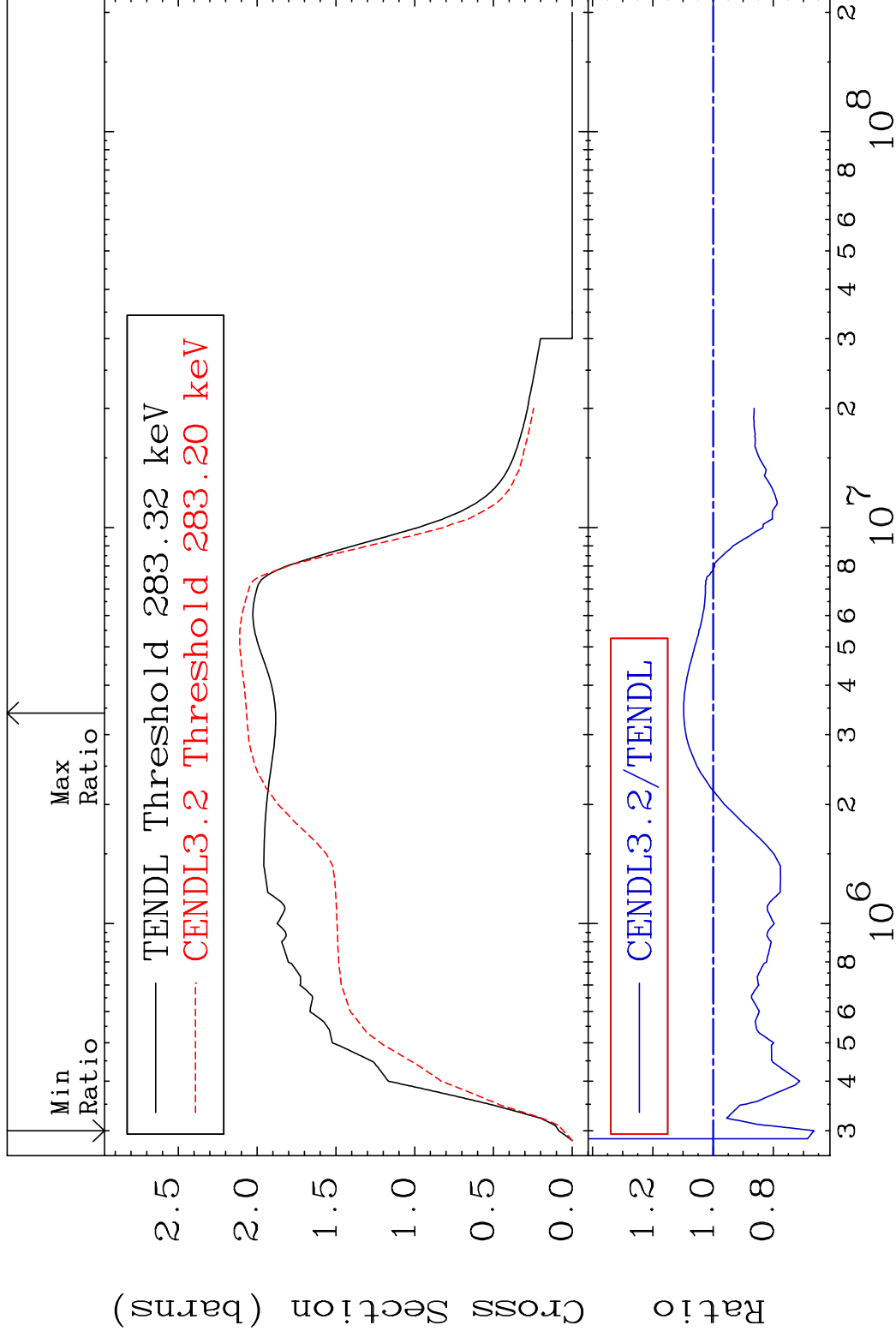
46-Pd-105

MAT 4634

Inelastic

46-Pd-105

Cross Section -33.55 To 9.772 %



3

Incident Energy (eV)

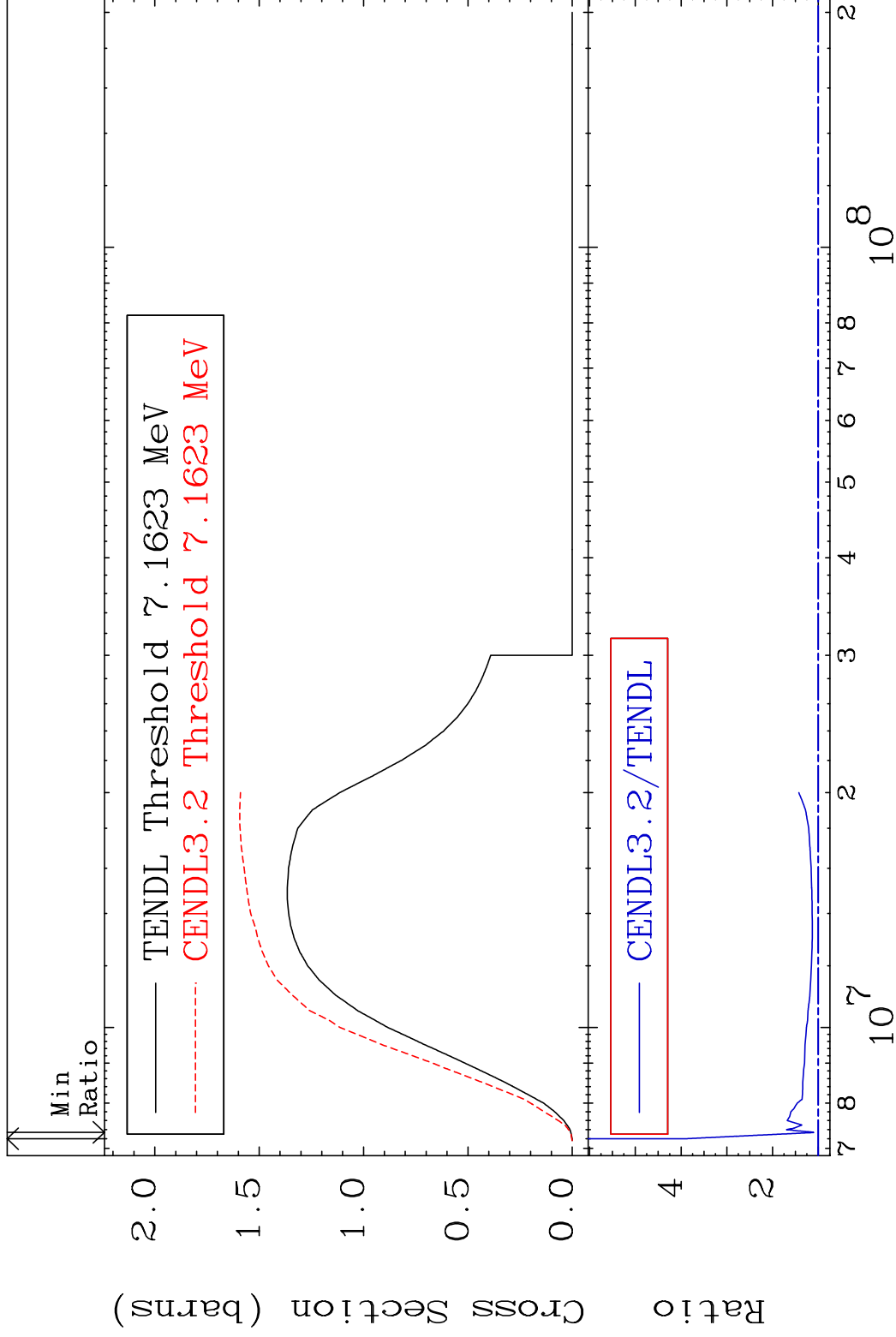
46-Pd-105

MAT 4634

(n,2n)

46-Pd-105

Cross Section 9.085 To 294.4 %



4

Incident Energy (eV)

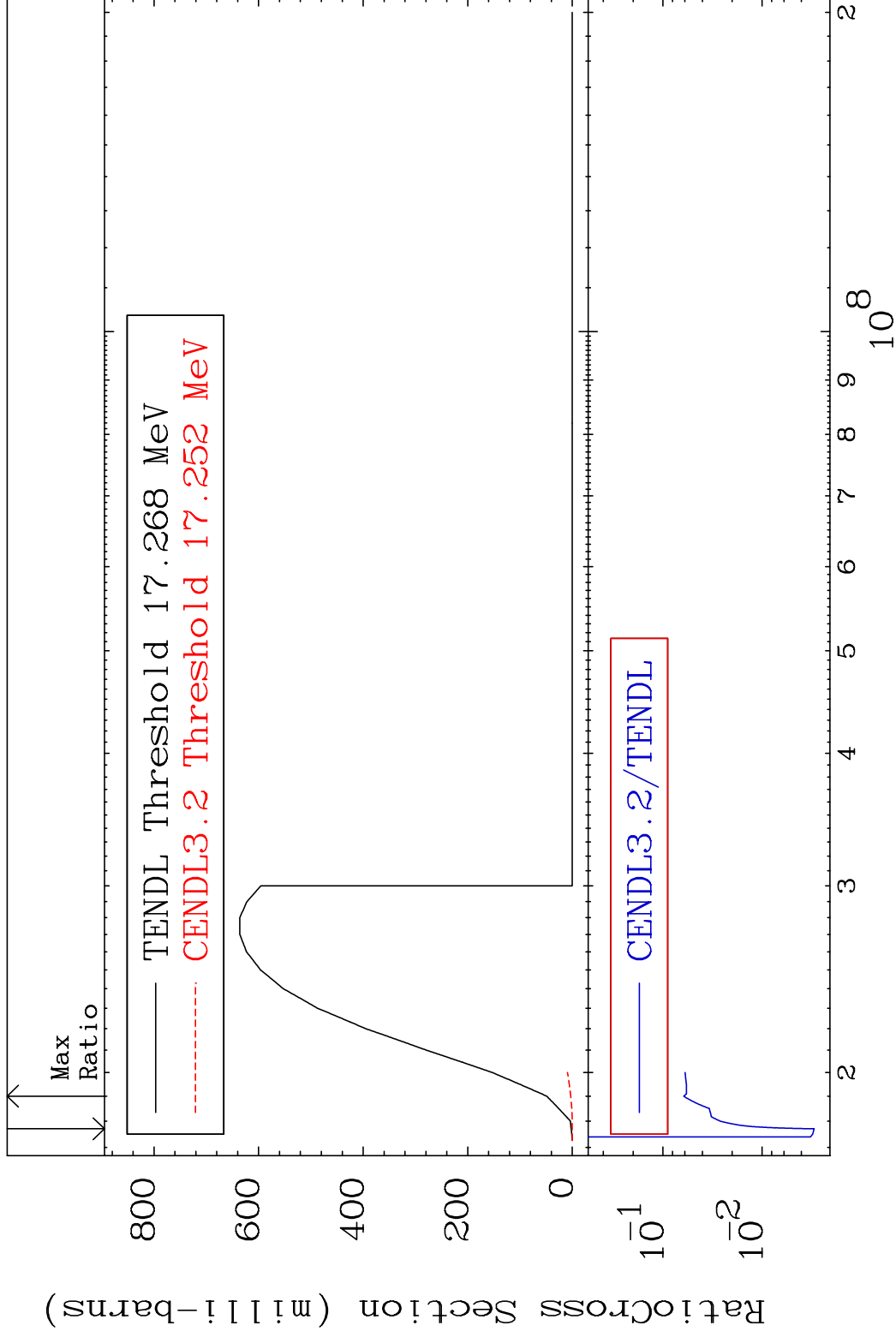
46-Pd-105

MAT 4634

(n,3n)

46-Pd-105

Cross Section -99.70 To -93.82%



5

Incident Energy (eV)

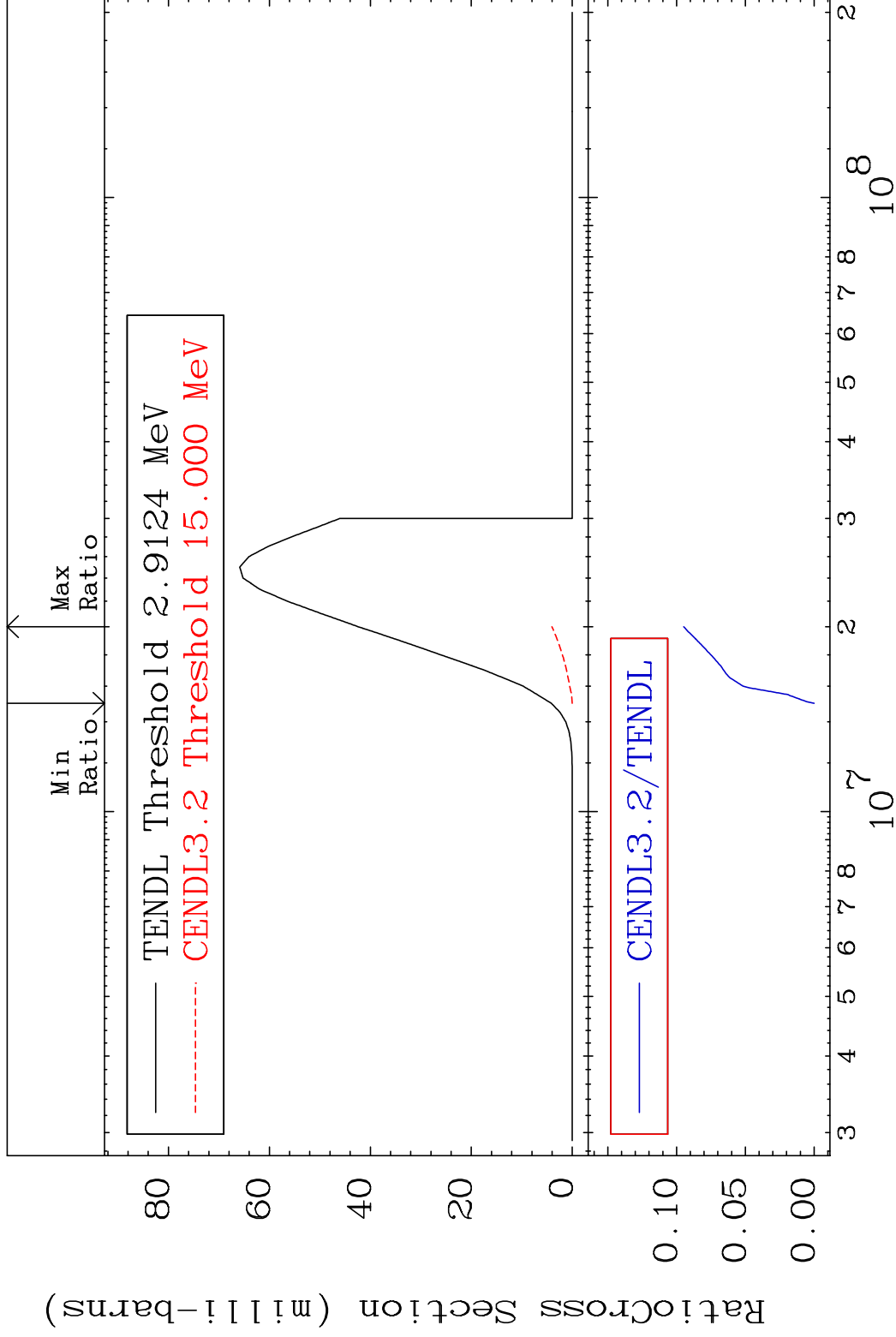
46-Pd-105

MAT 4634

(n, n')  $\alpha$

46-Pd-105

Cross Section -100.0 To -90.52%



6

Incident Energy (eV)

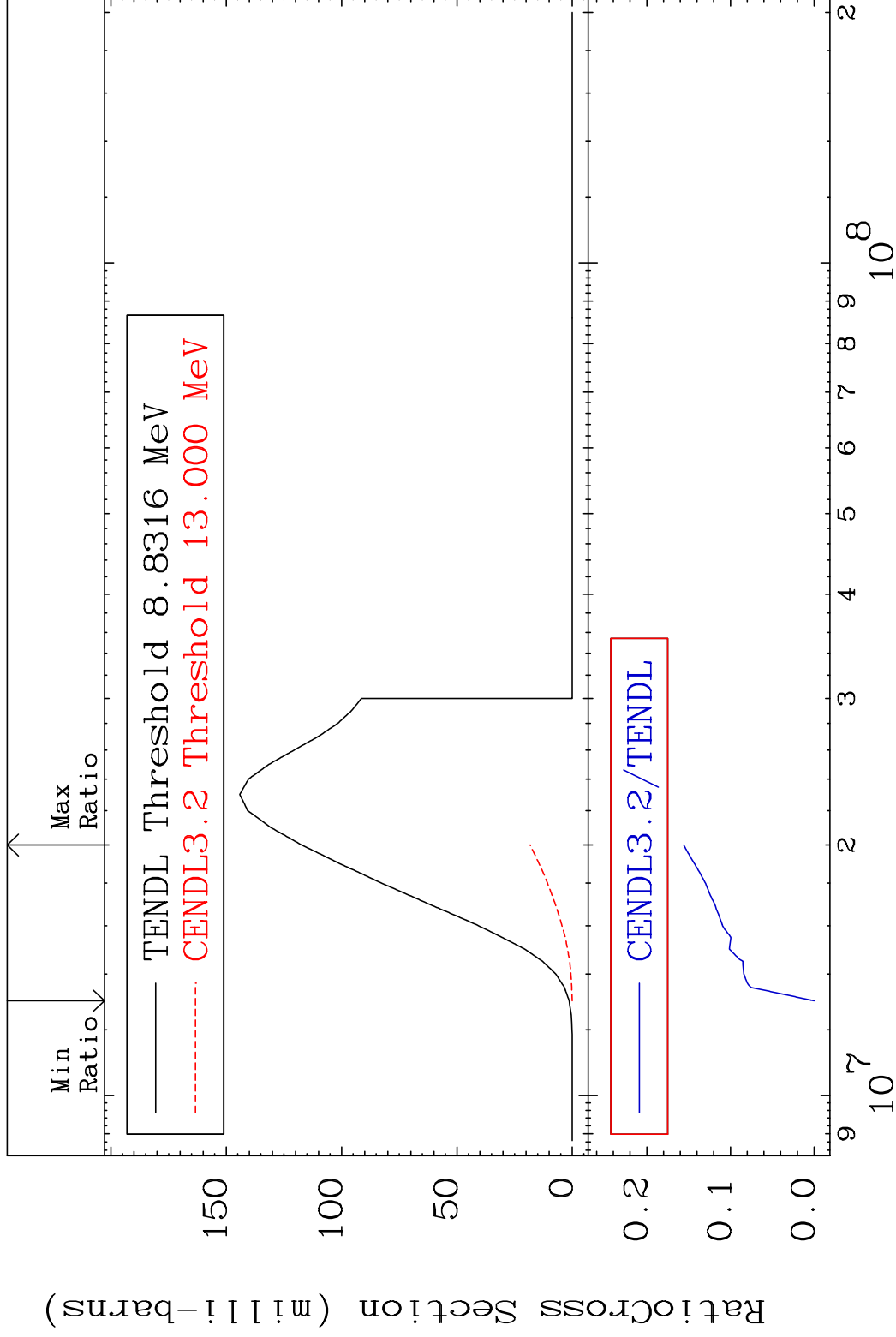
46-Pd-105

MAT 4634

(n, n') p

46-Pd-105

Cross Section -100.0 To -84.41%



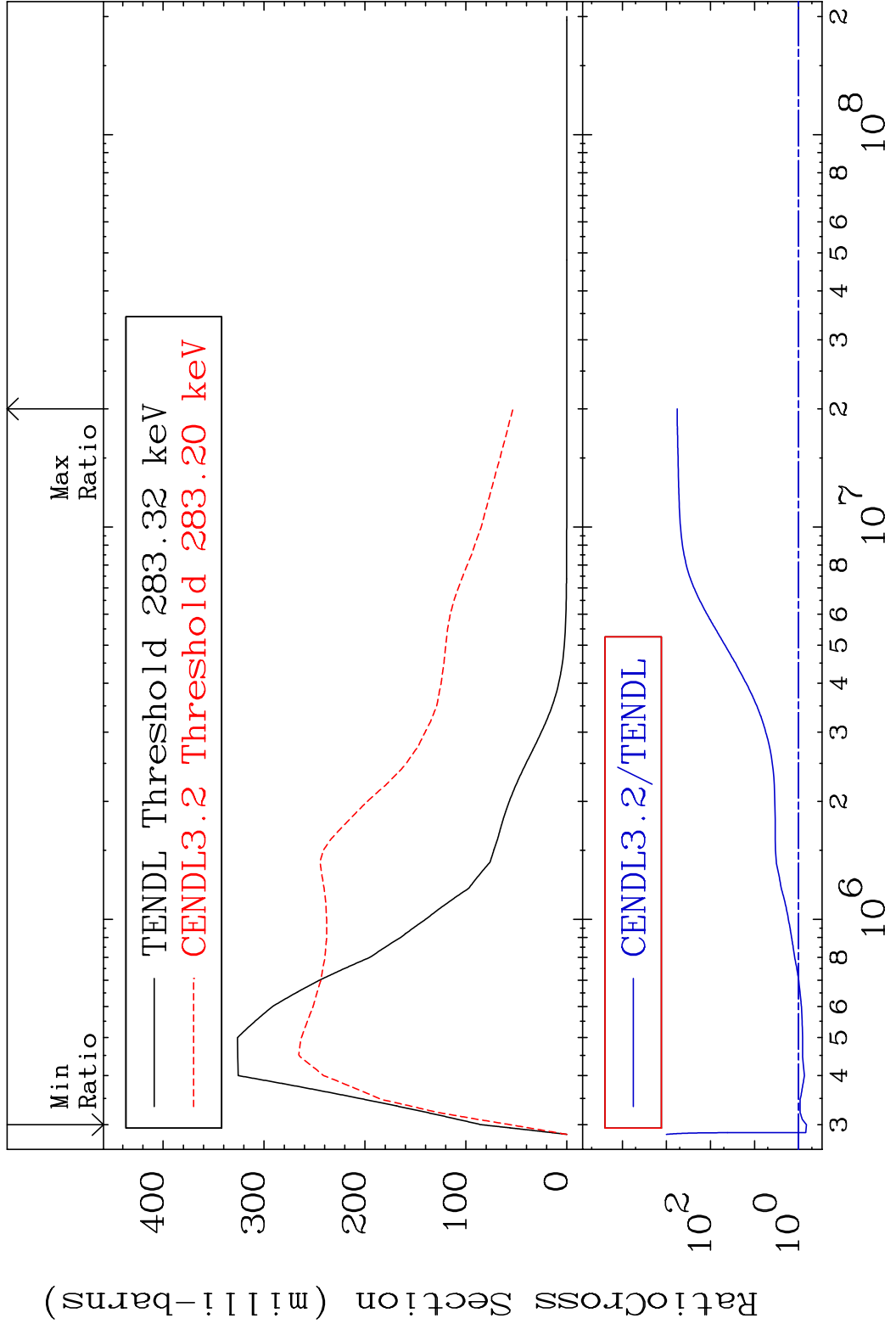
7

Incident Energy (eV)

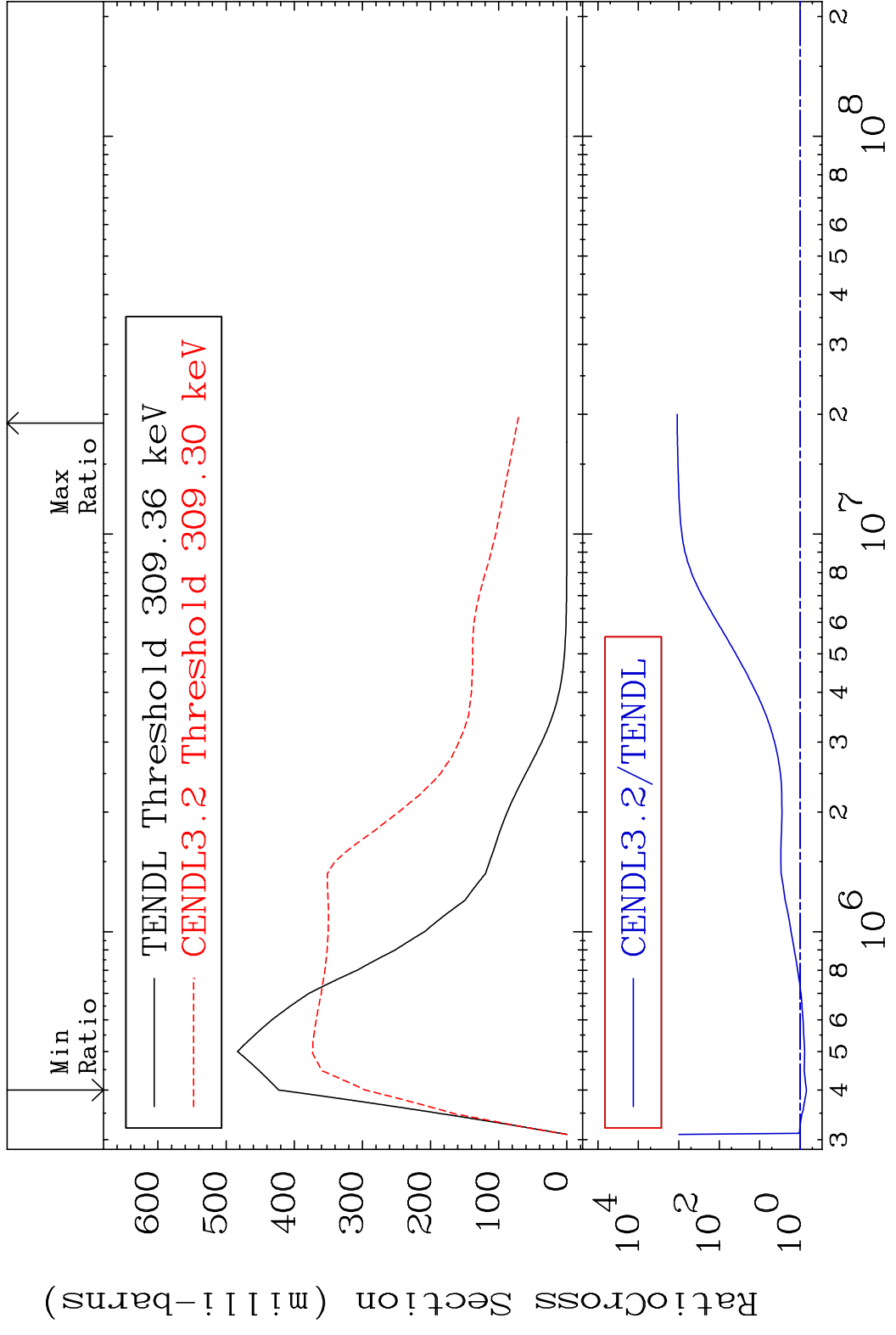
46-Pd-105



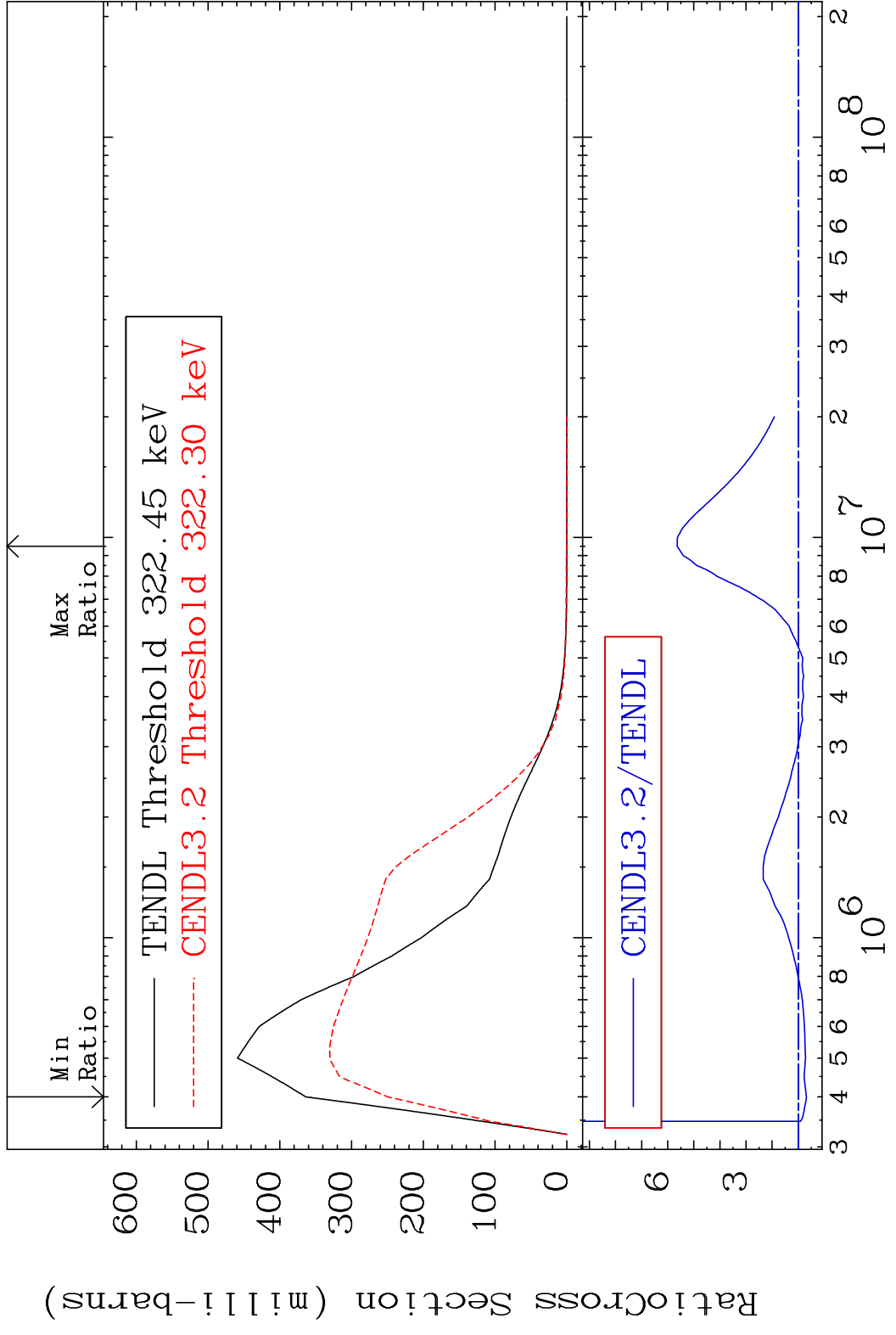
MAT 4634 MT= 51 (n, n') Level 46-Pd-105  
 Cross Section -33.55 To 9999. %



MAT 4634 MT= 52 (n, n') Level 46-Pd-105  
 Cross Section -30.04 To 9999. %

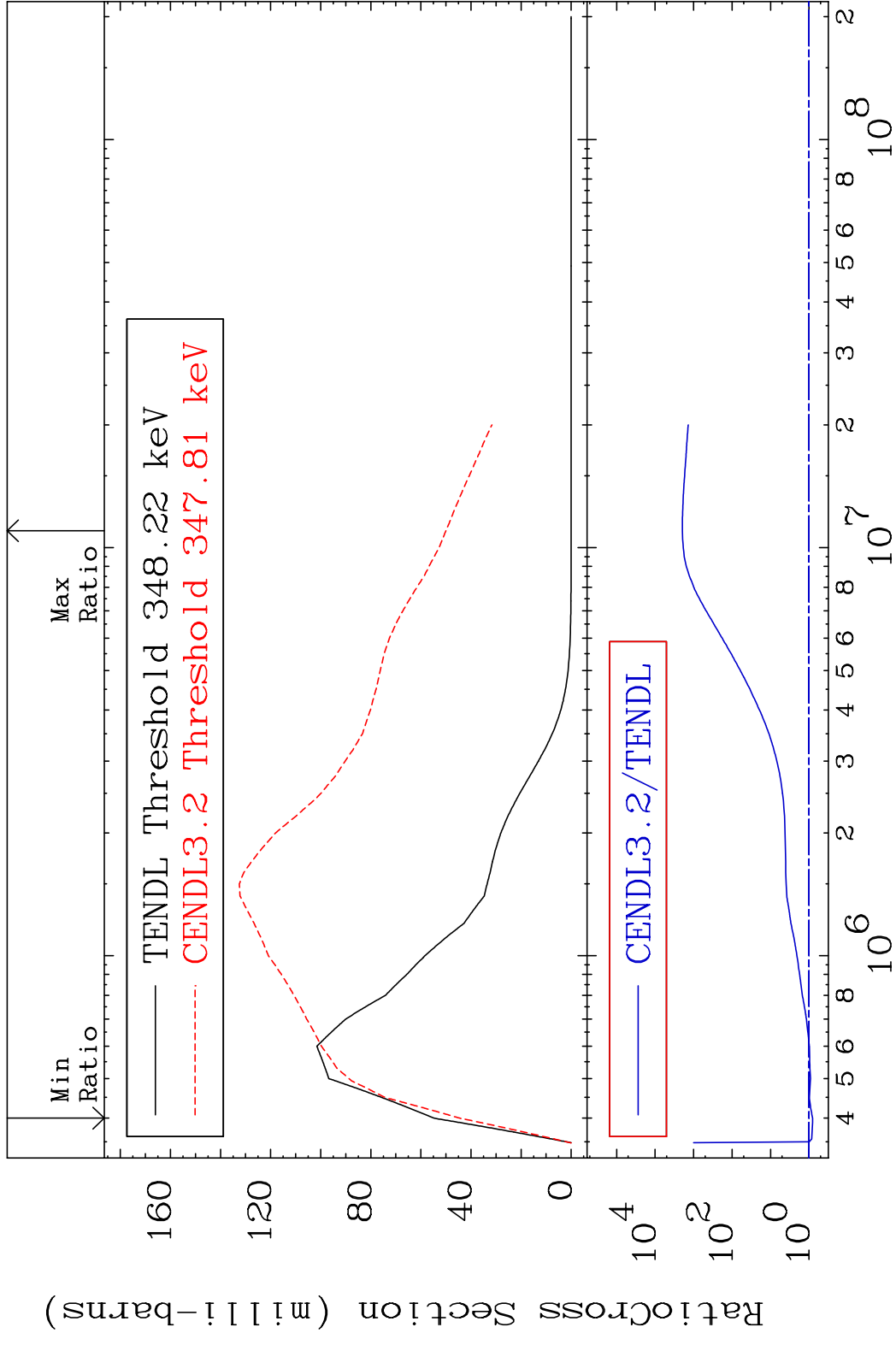


MAT 4634 MT= 53 (n, n') Level 46-Pd-105  
 Cross Section -31.42 To 463.7 %

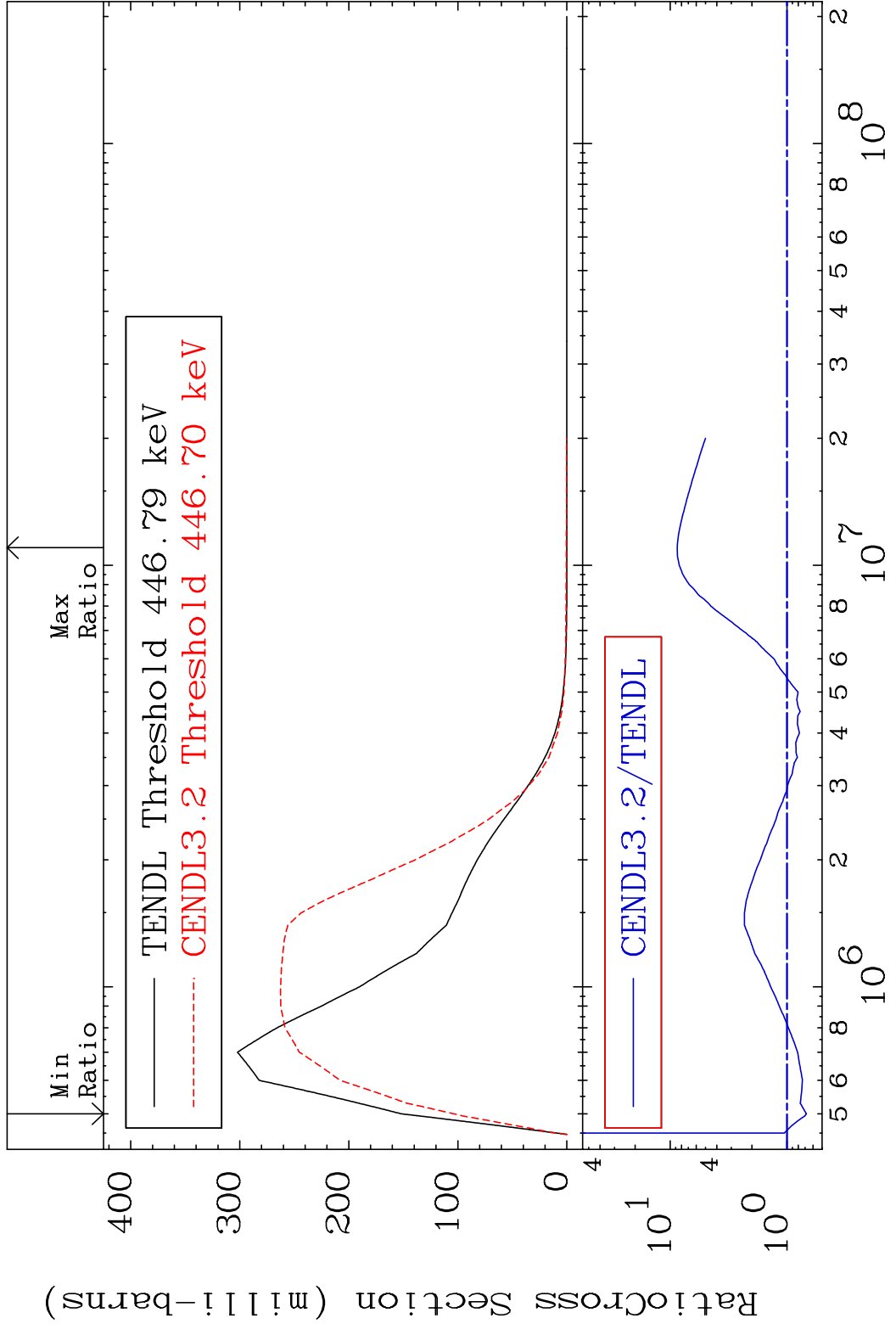


10 Incident Energy (eV) 46-Pd-105

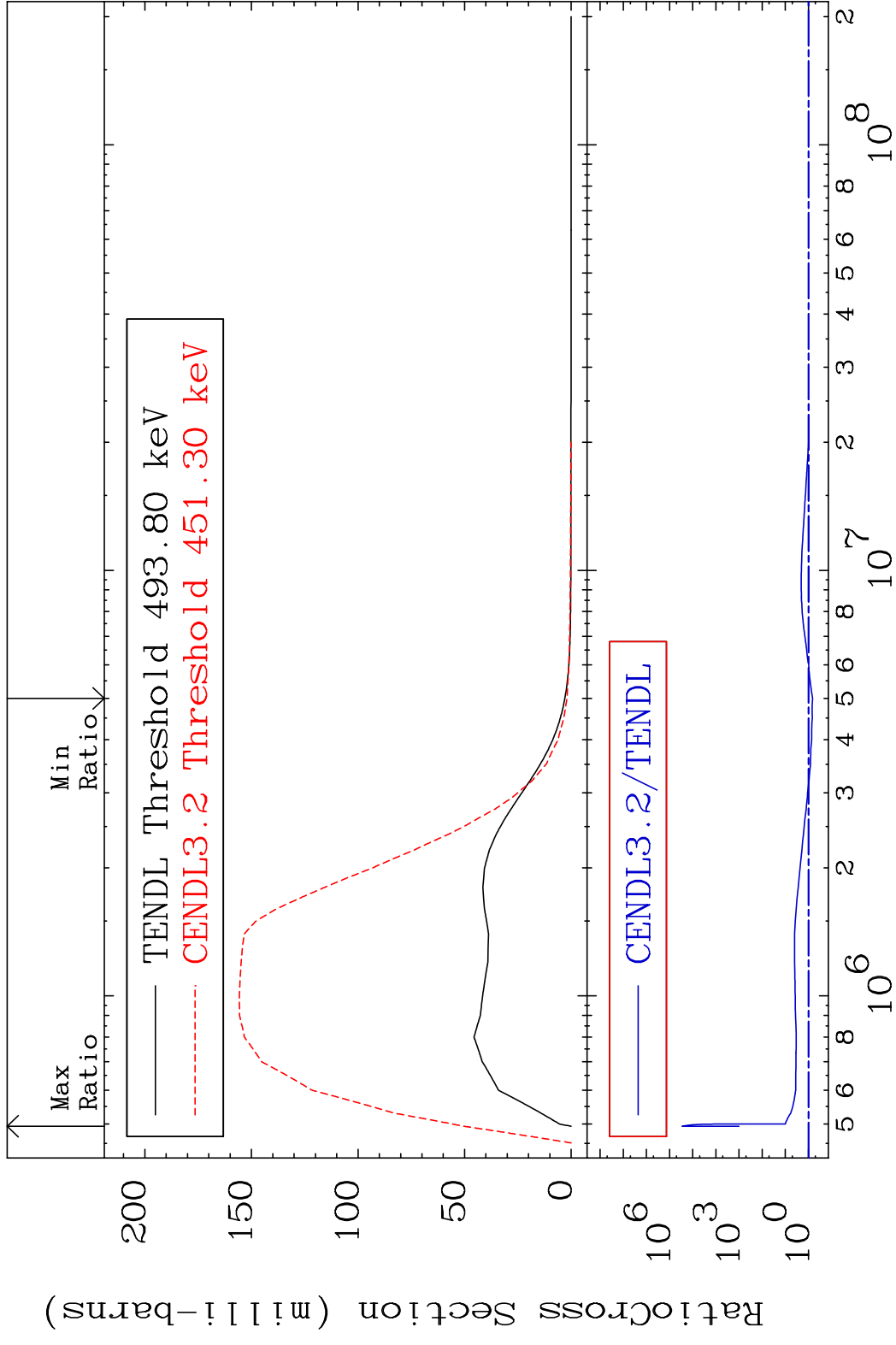
MAT 4634 MT= 54 (n, n') Level 46-Pd-105  
 Cross Section -18.87 To 9999. %



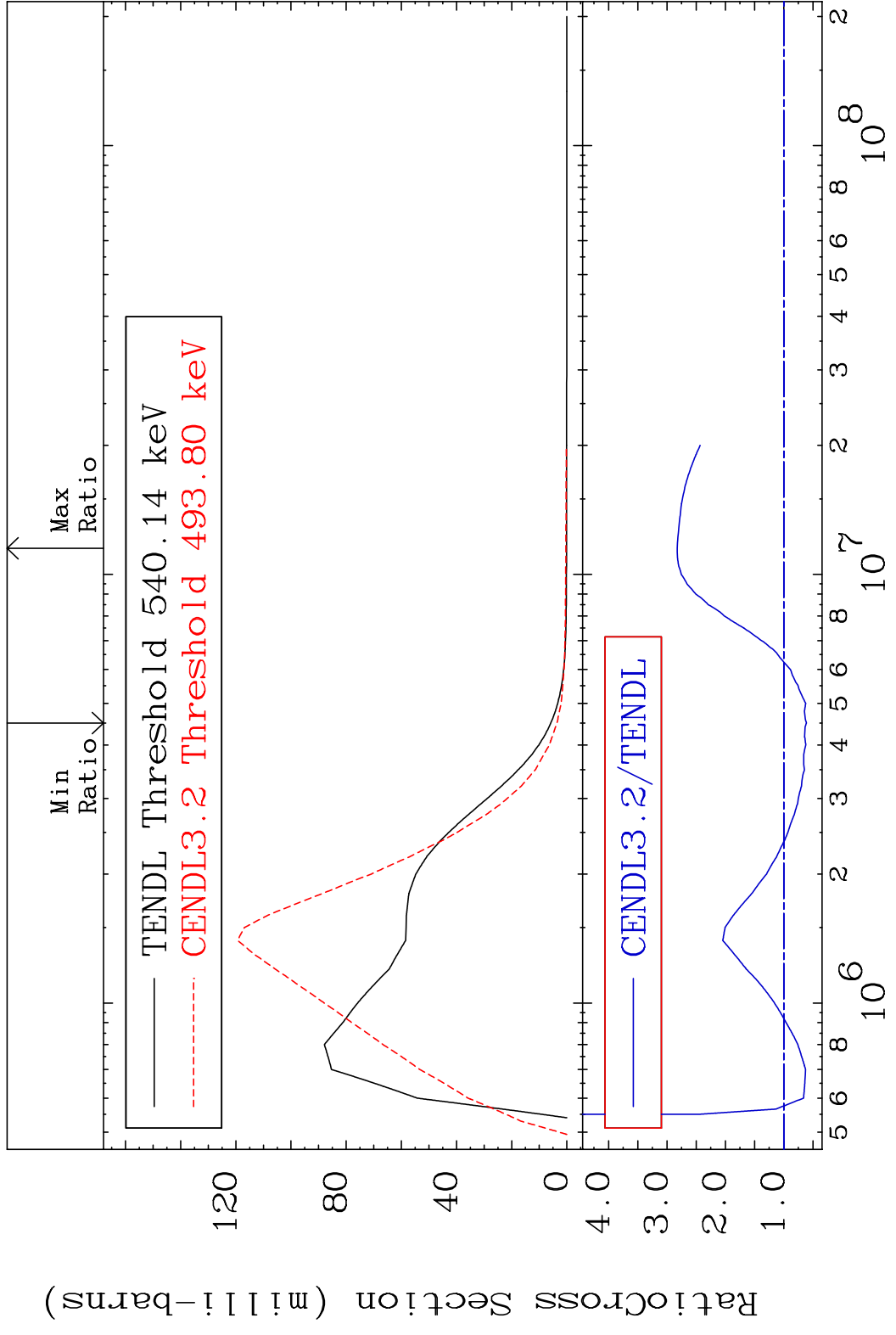
MAT 4634 MT= 55 (n, n') Level 46-Pd-105  
 Cross Section -31.77 To 773.2 %



MAT 4634 MT= 56 (n,n') Level 46-Pd-105  
 Cross Section -33.50 To 9999. %



MAT 4634 MT= 57 (n, n') Level 46-Pd-105  
 Cross Section -38.84 To 182.5 %

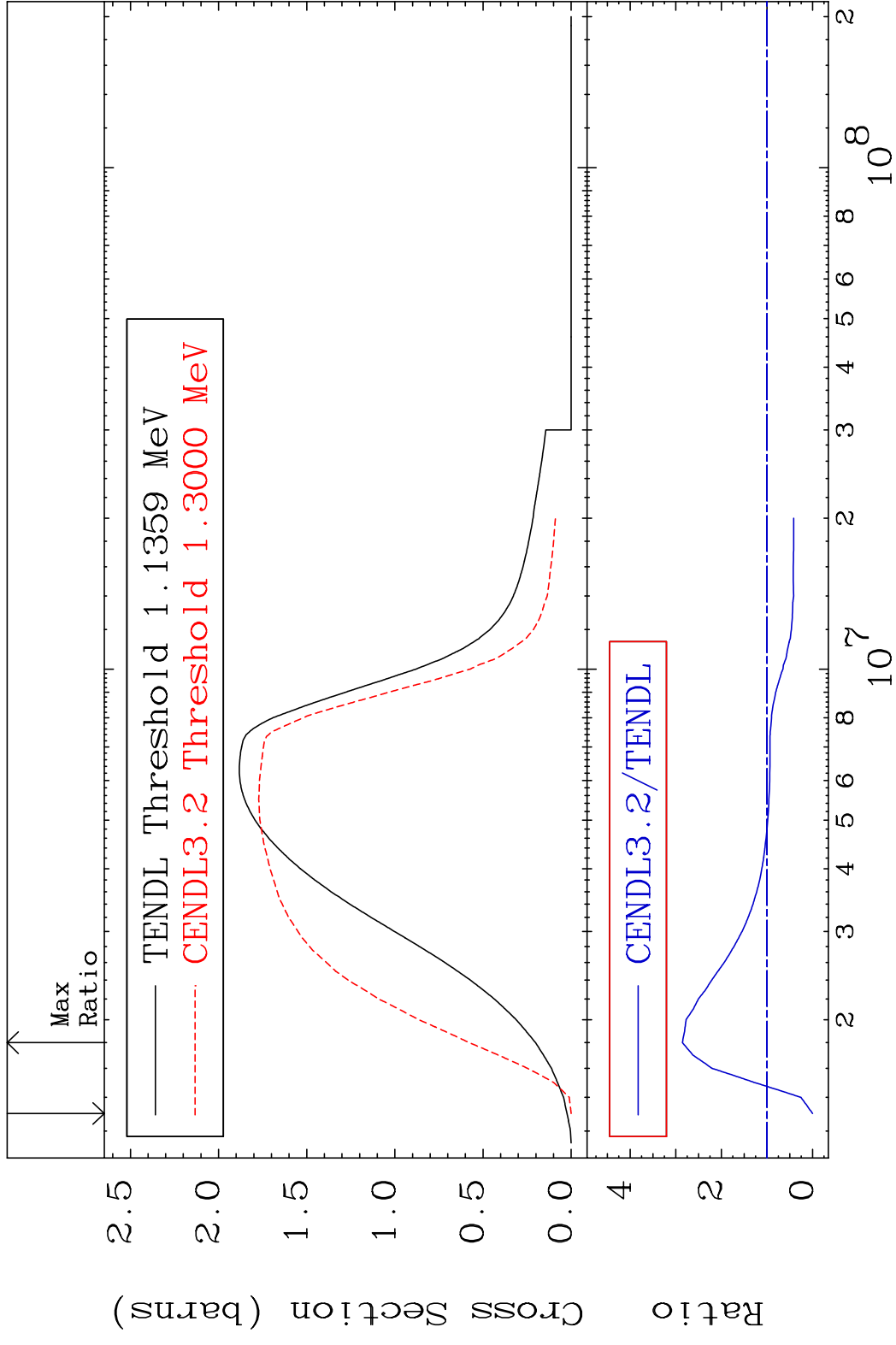


MAT 4634

(n, n') Continuum

46-Pd-105

Cross Section -100.0 To 185.4 %

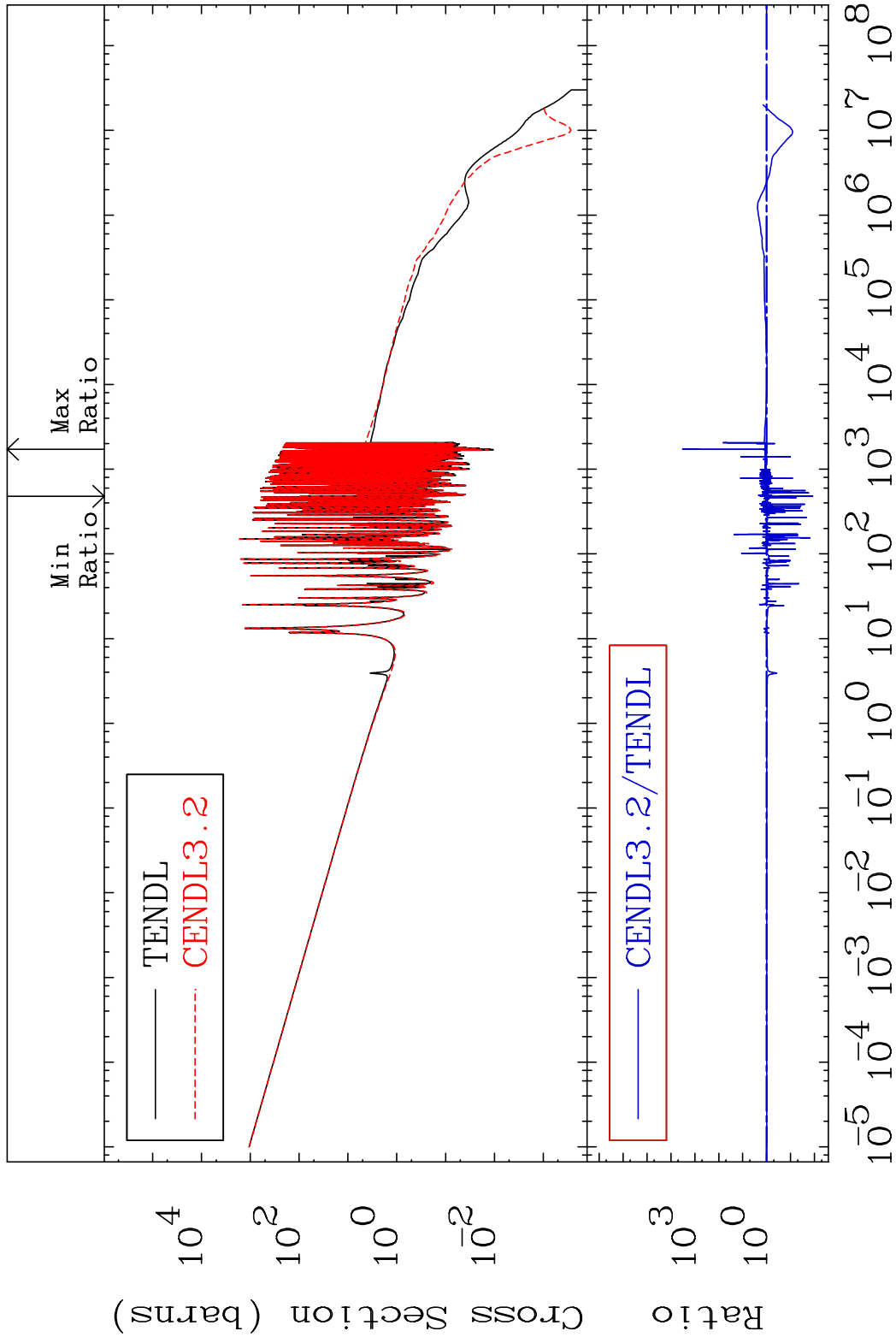




MAT 4634

(n,  $\gamma$ )  
Cross Section -98.79 To 9999. %

46-Pd-105



16

Incident Energy (eV)

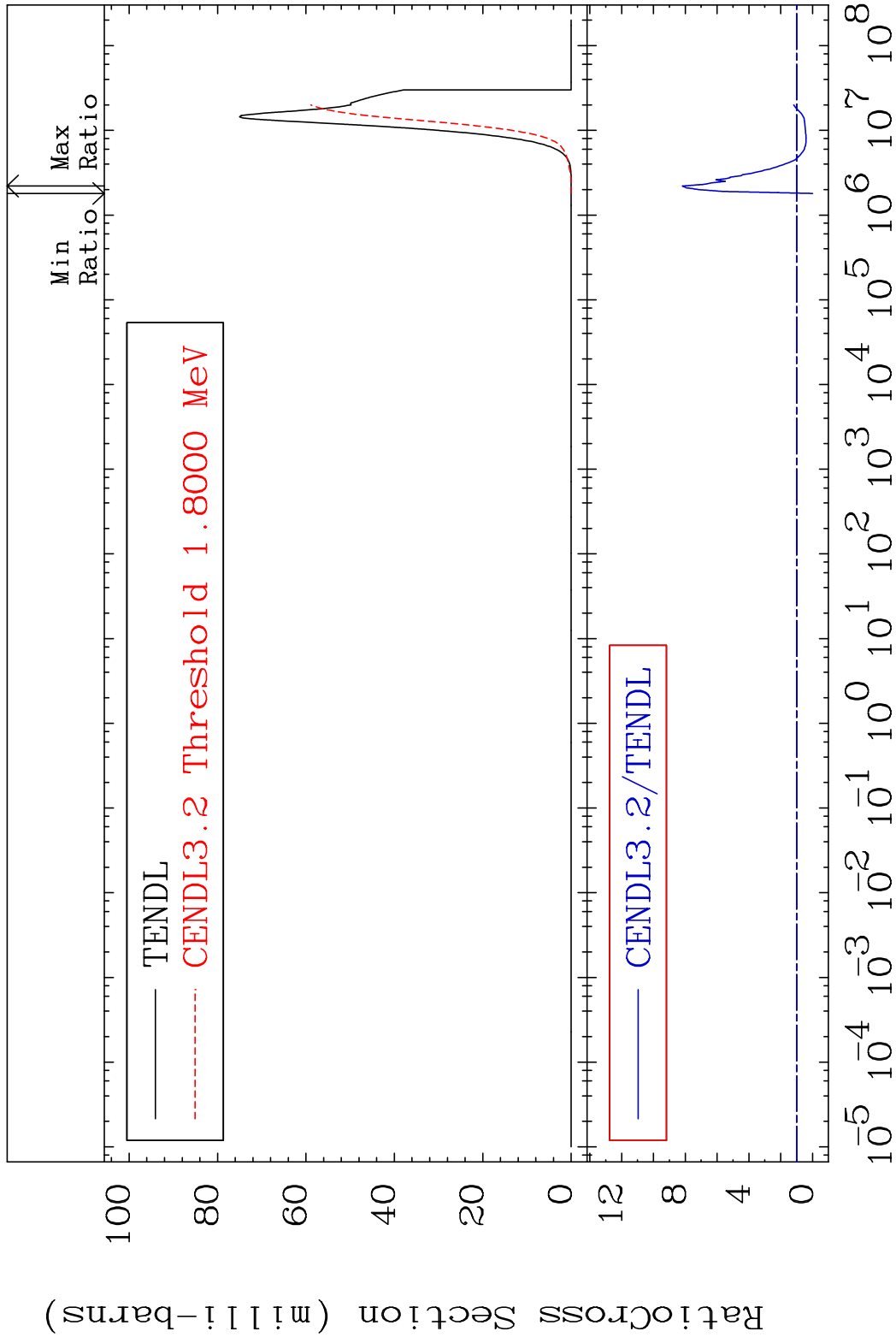
46-Pd-105

MAT 4634

(n,p)

46-Pd-105

Cross Section -100.0 To 718.3 %



17

Incident Energy (eV)

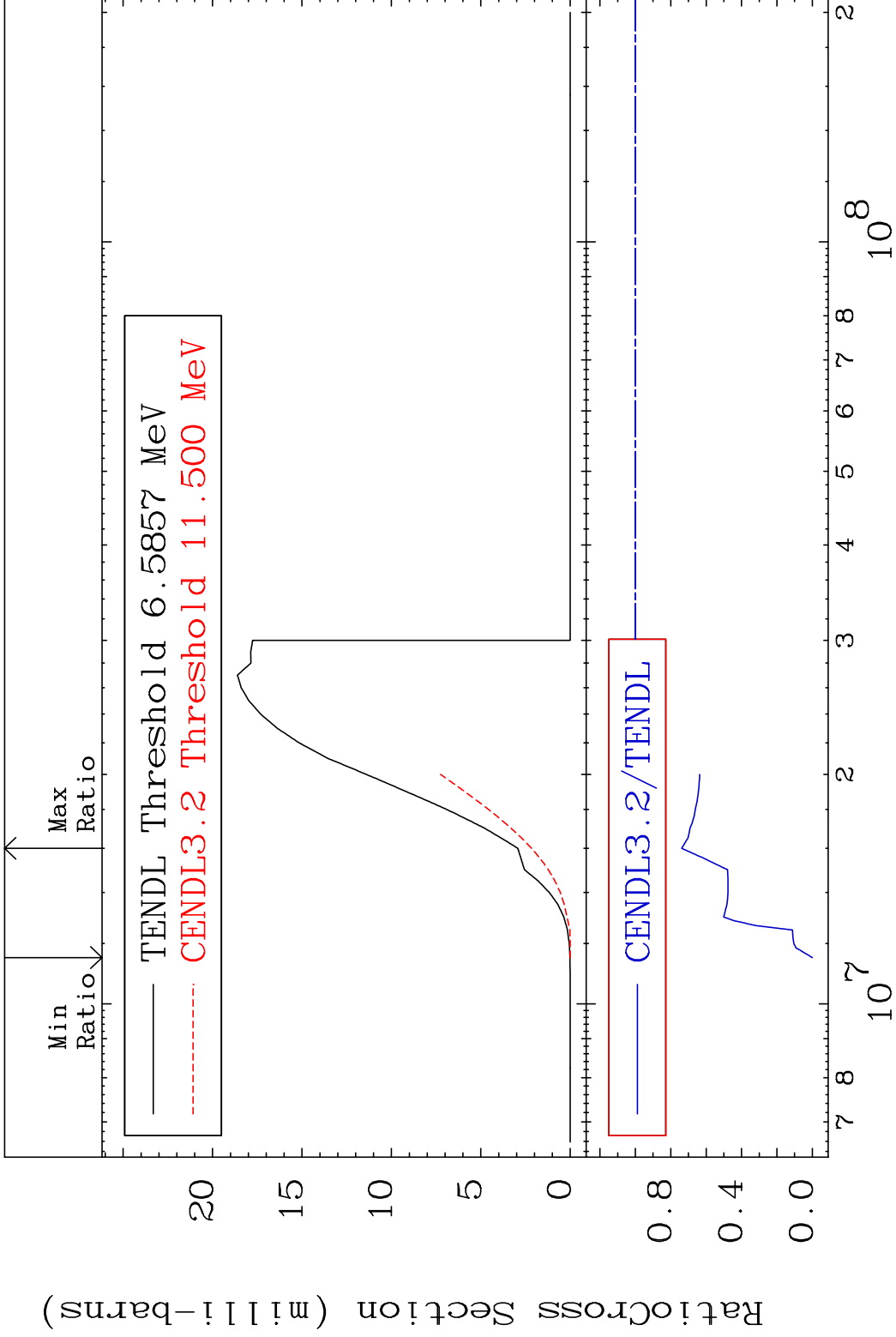
46-Pd-105

MAT 4634

(n, d)

46-Pd-105

Cross Section -100.0 To -26.21%



18

Incident Energy (eV)

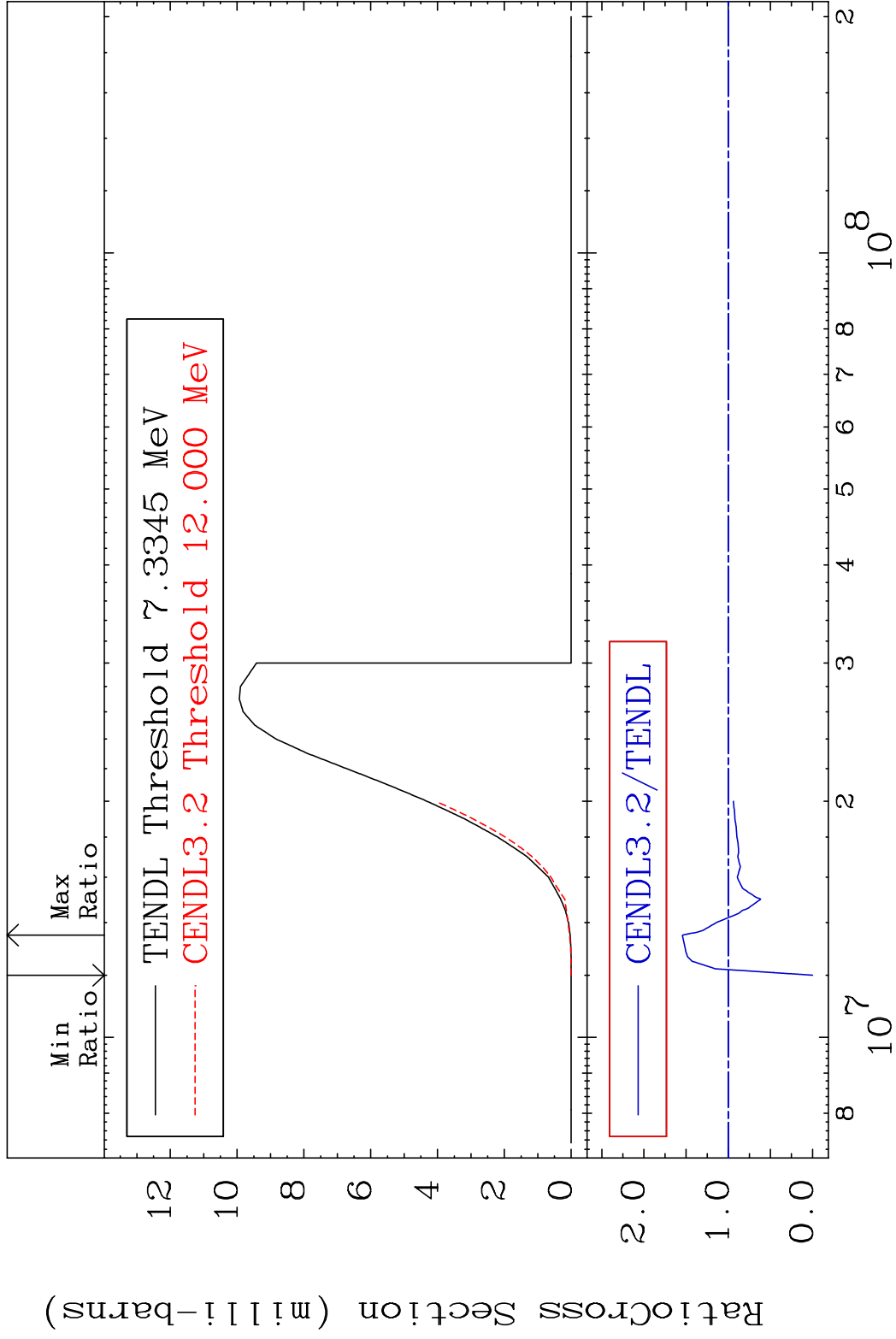
46-Pd-105

MAT 4634

(n, t)

46-Pd-105

Cross Section -100.0 To 54.45 %



19

Incident Energy (eV)

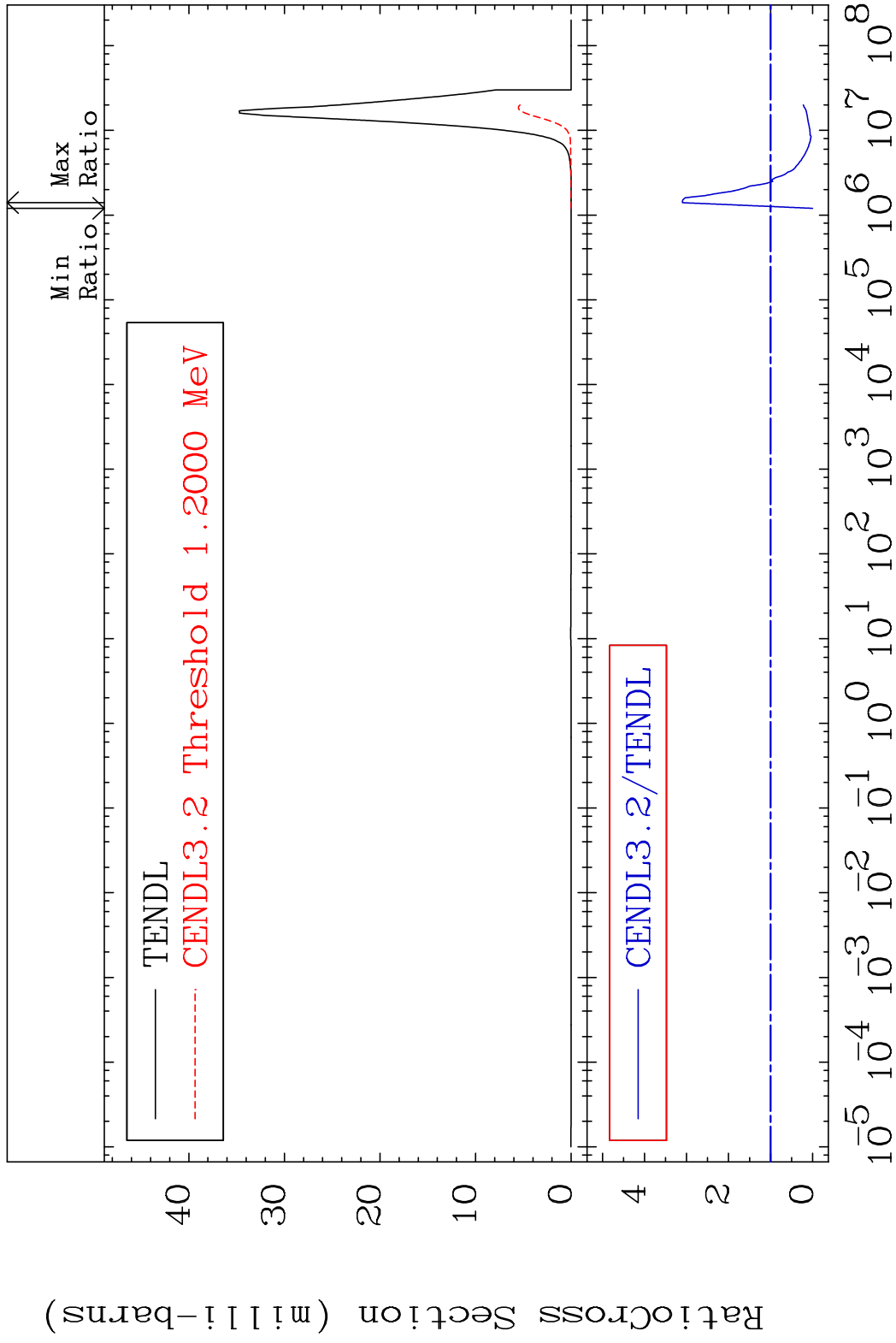
46-Pd-105

MAT 4634

(n,  $\alpha$ )

46-Pd-105

Cross Section -100.0 To 210.0 %

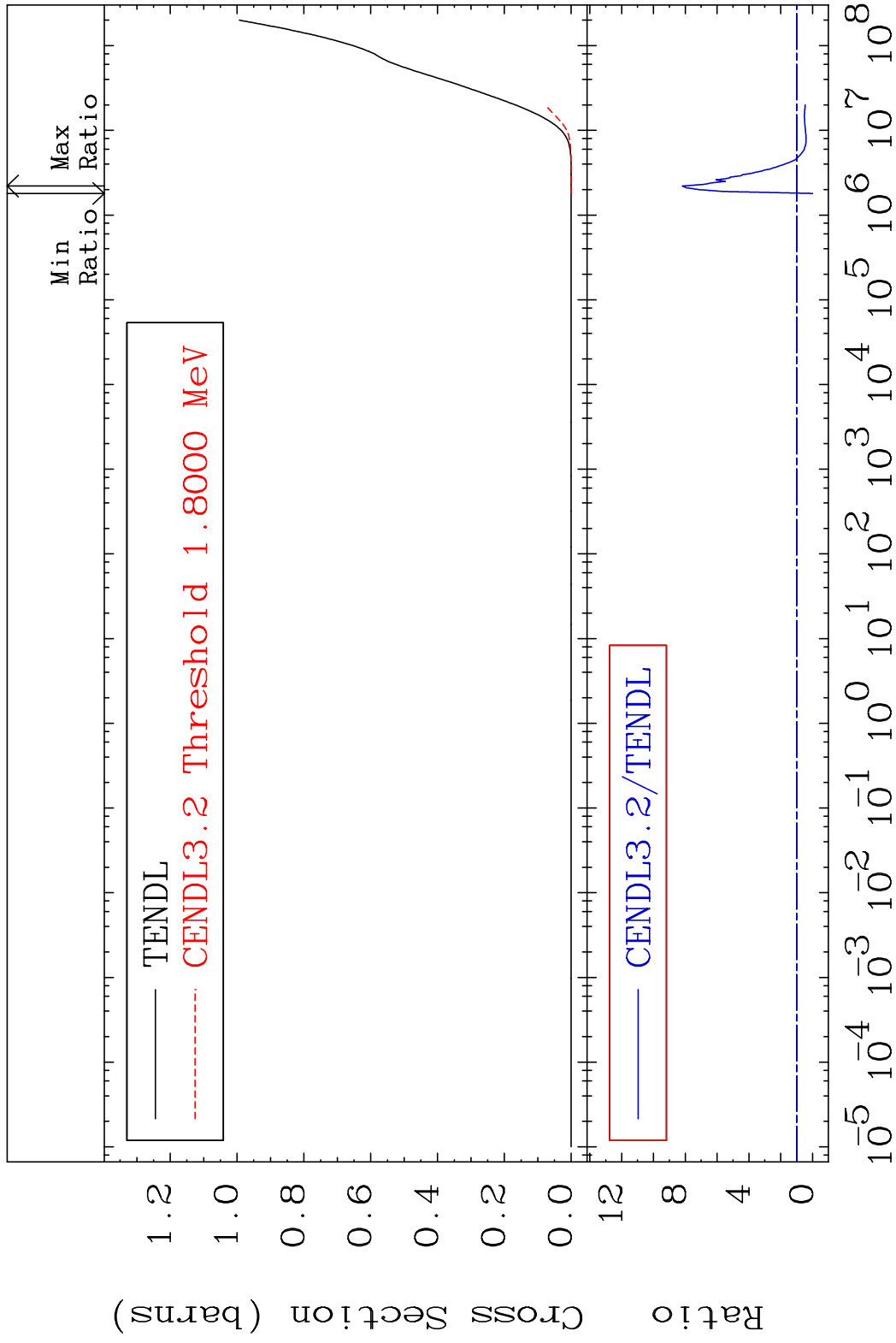


MAT 4634

Hydrogen Production

46-Pd-105

Cross Section -100.0 To 718.3 %

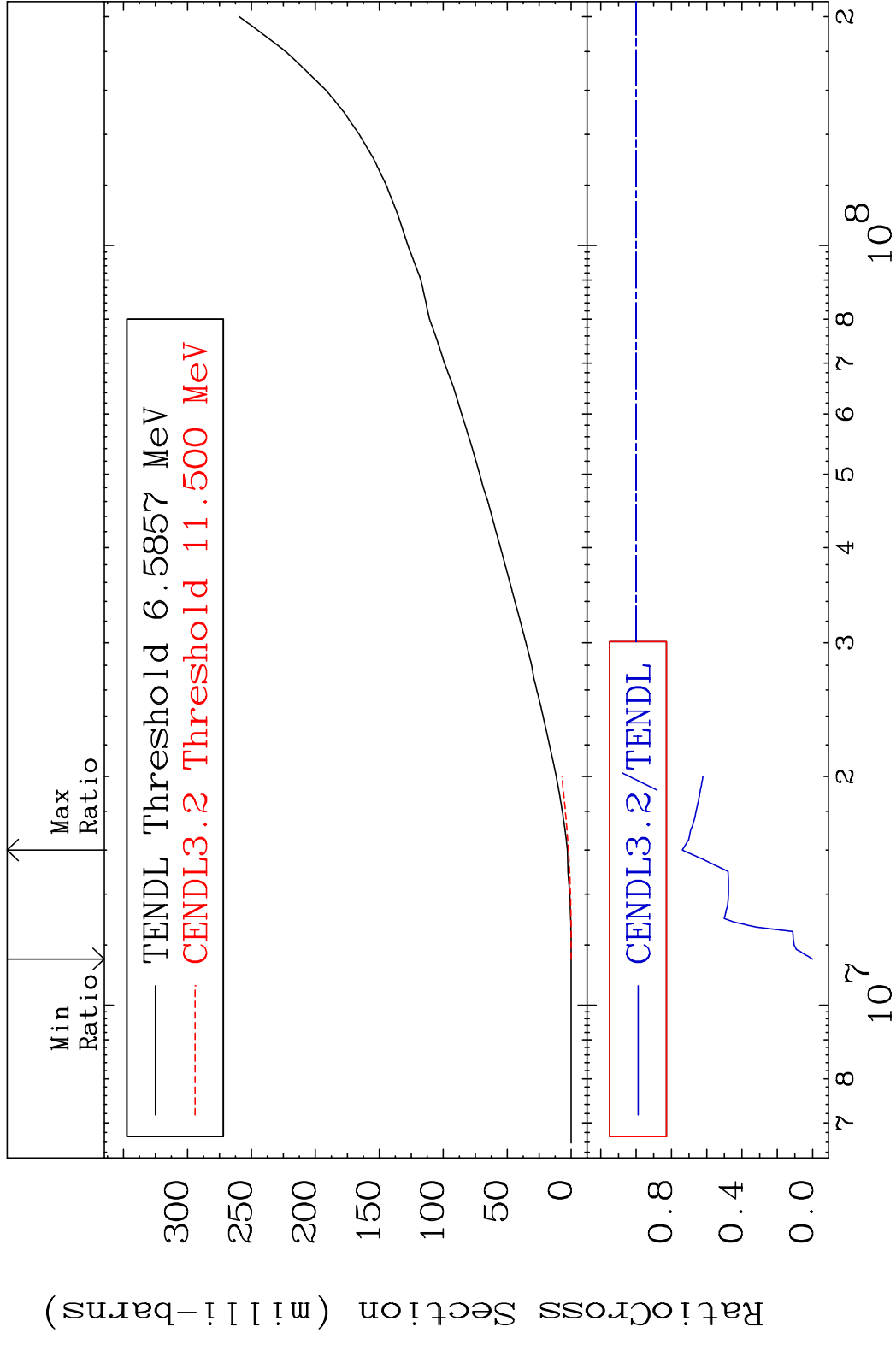


21

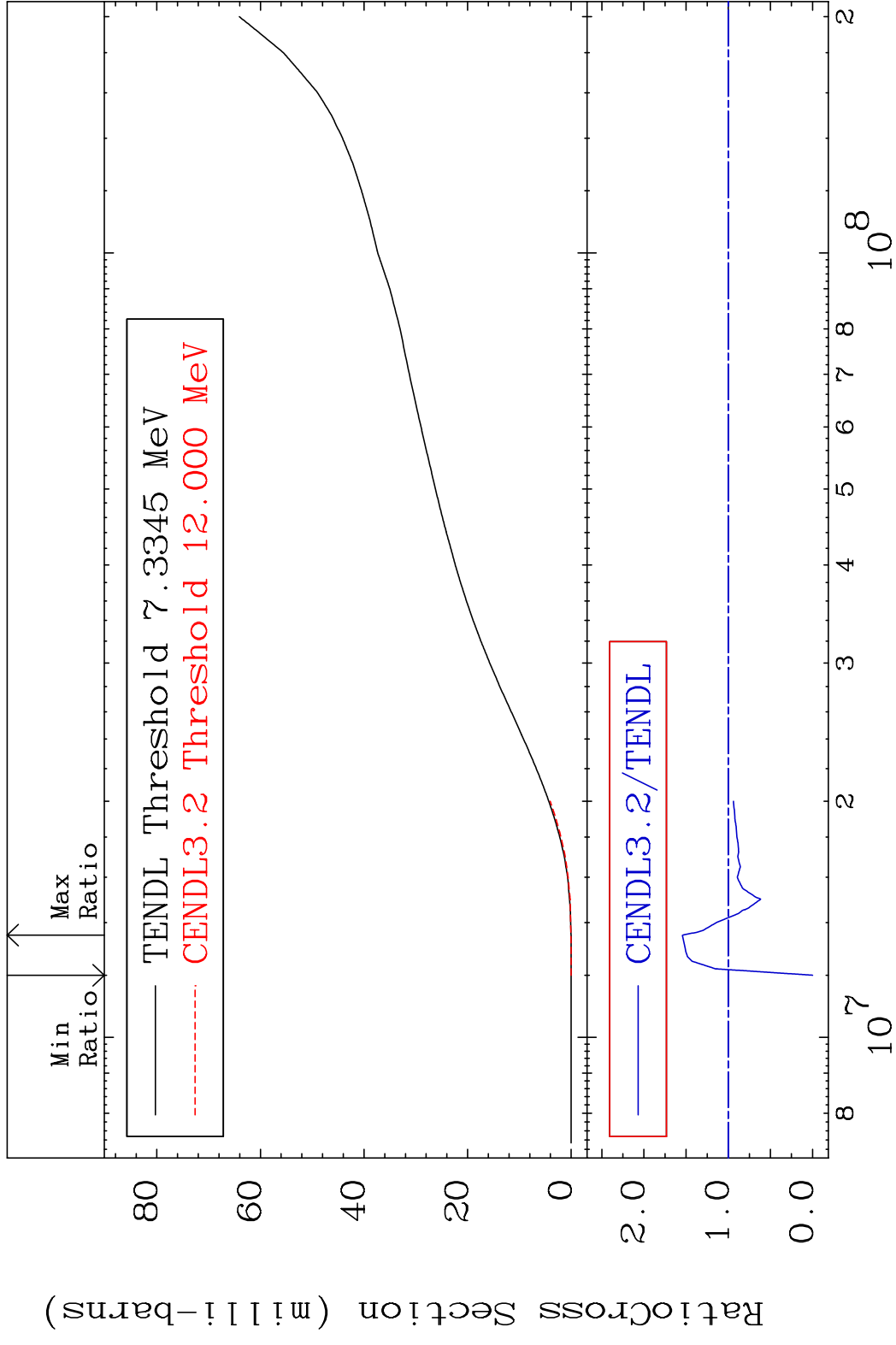
Incident Energy (eV)

46-Pd-105

MAT 4634 Deuterium Production 46-Pd-105  
 Cross Section -100.0 To -26.21%



MAT 4634 Tritium Production 46-Pd-105  
 Cross Section -100.0 To 54.45 %



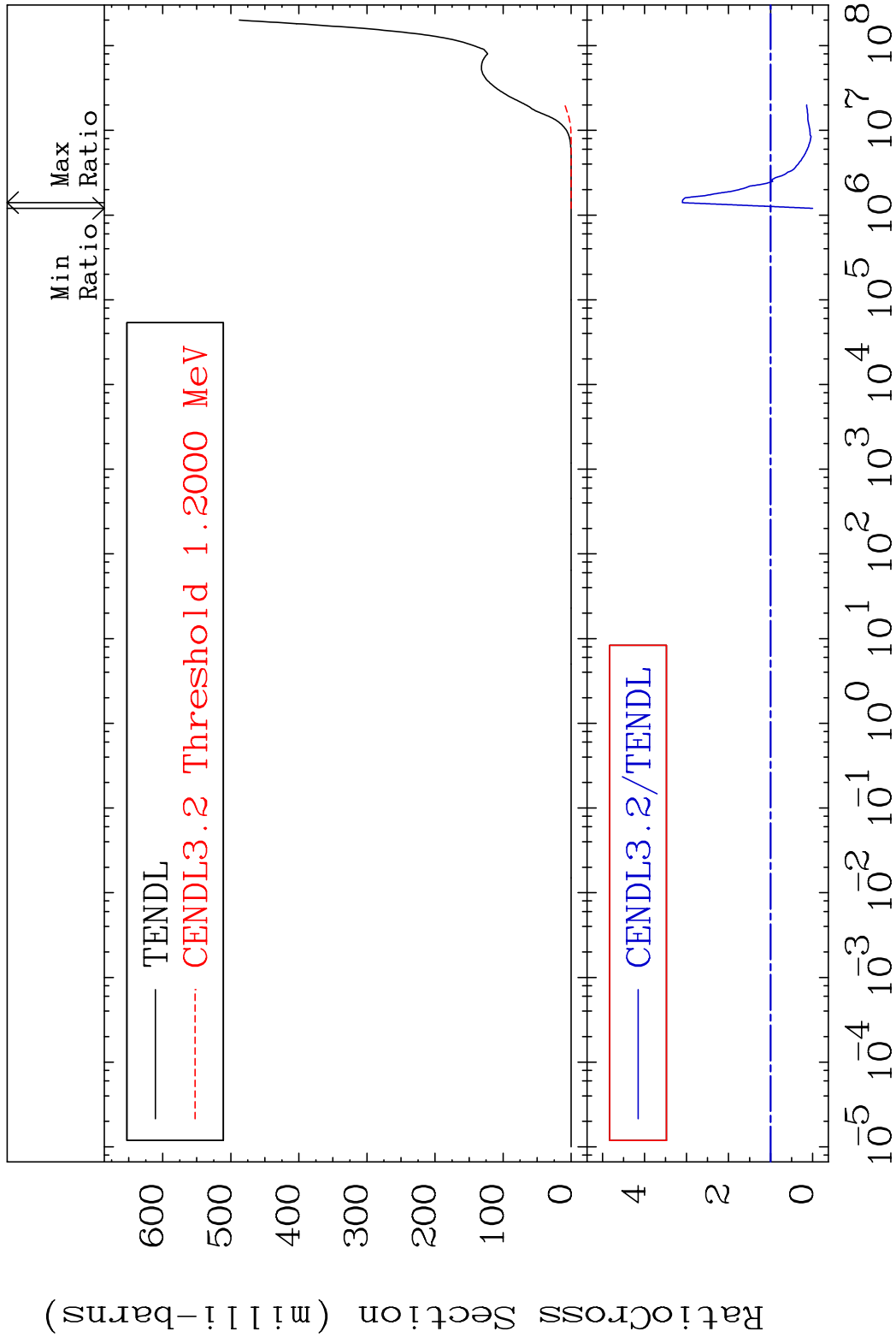


MAT 4634

He-4 Production

46-Pd-105

Cross Section -100.0 To 210.0 %

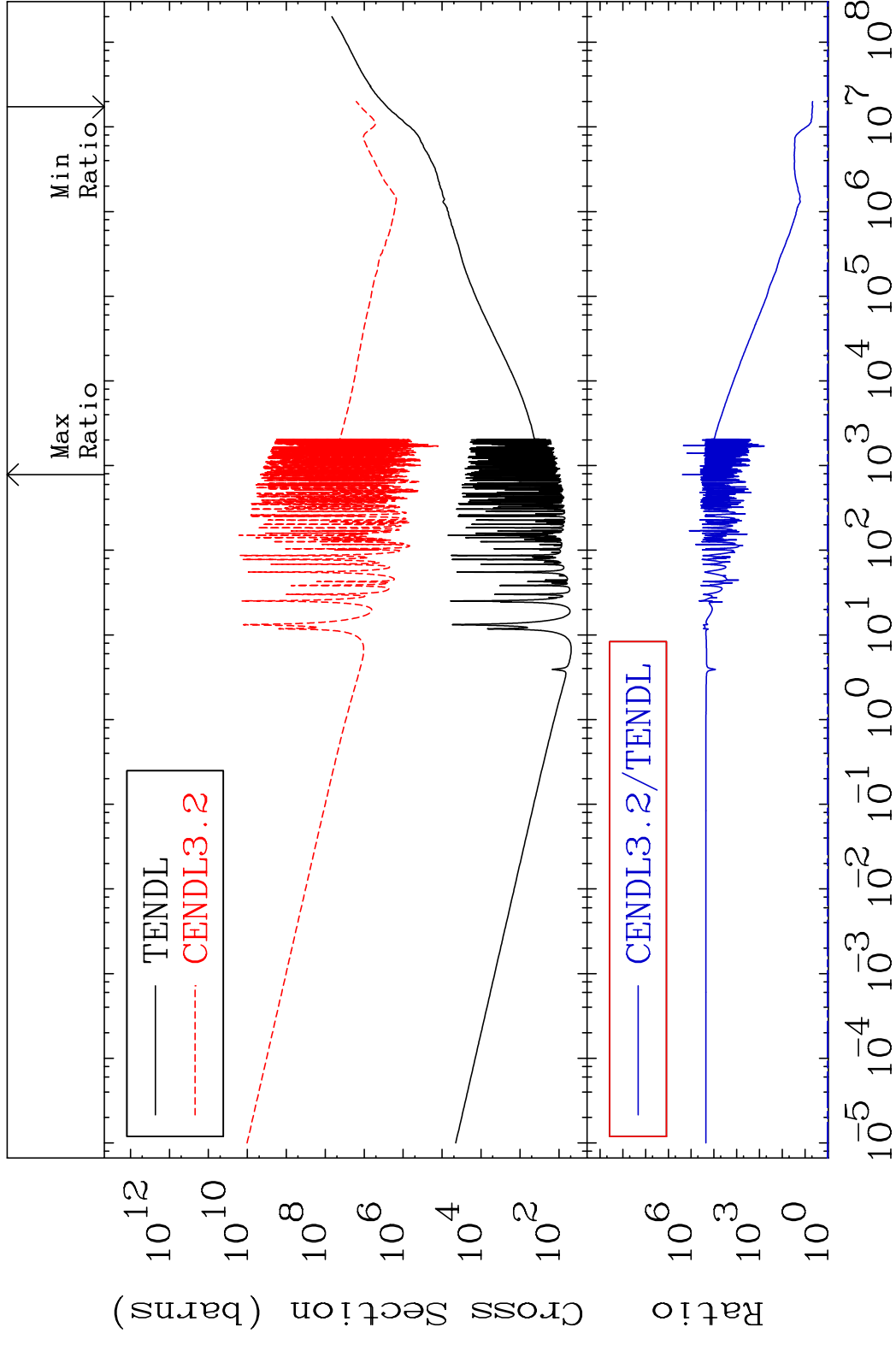


24

Incident Energy (eV)

46-Pd-105

MAT 4634 Kerma total (eV-barns) 46-Pd-105  
 Cross Section 365.1 To 9999. %



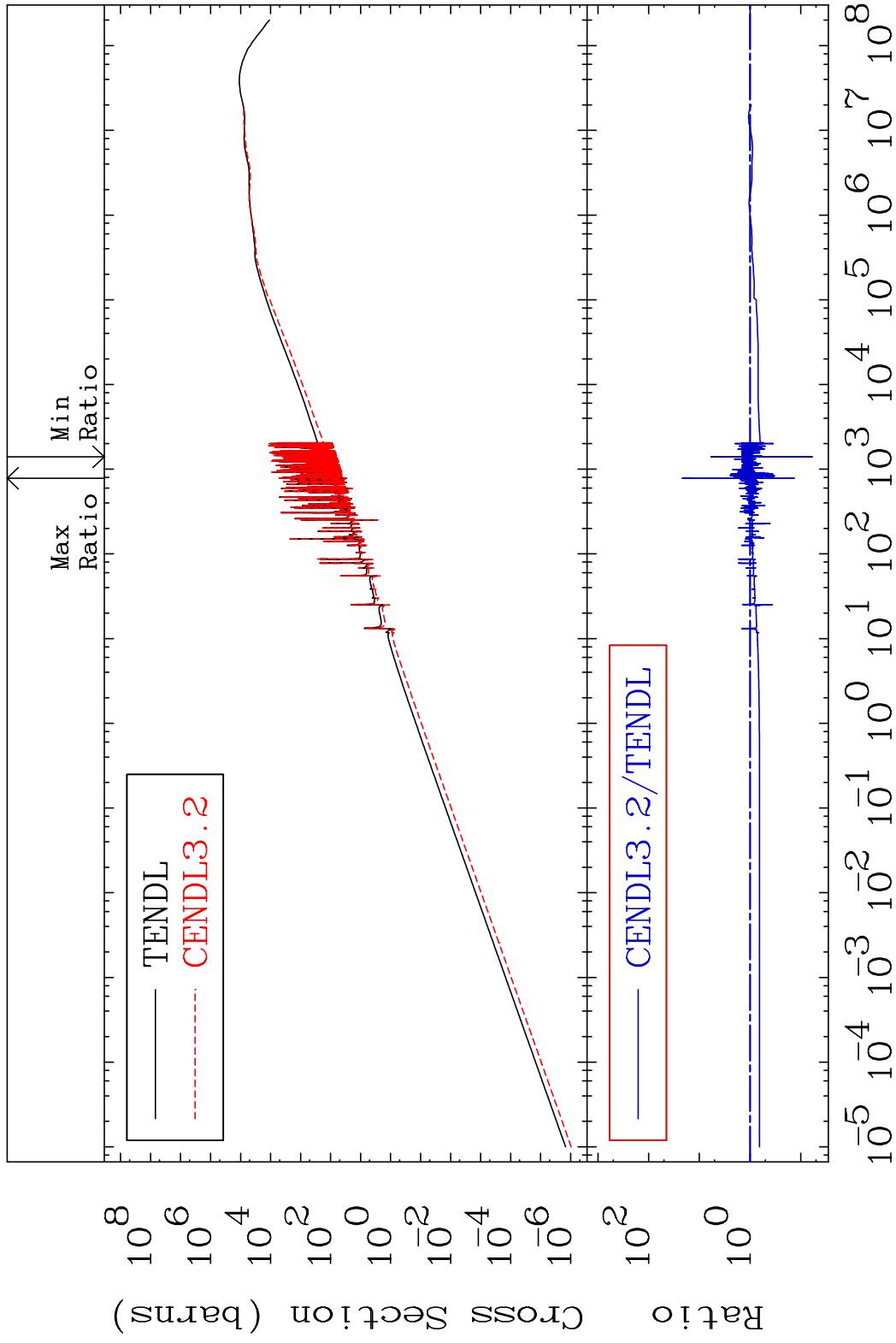
25 Incident Energy (eV) 46-Pd-105

MAT 4634

Kerma elastic  
Cross Section

46-Pd-105

-94.14 To 2066. %

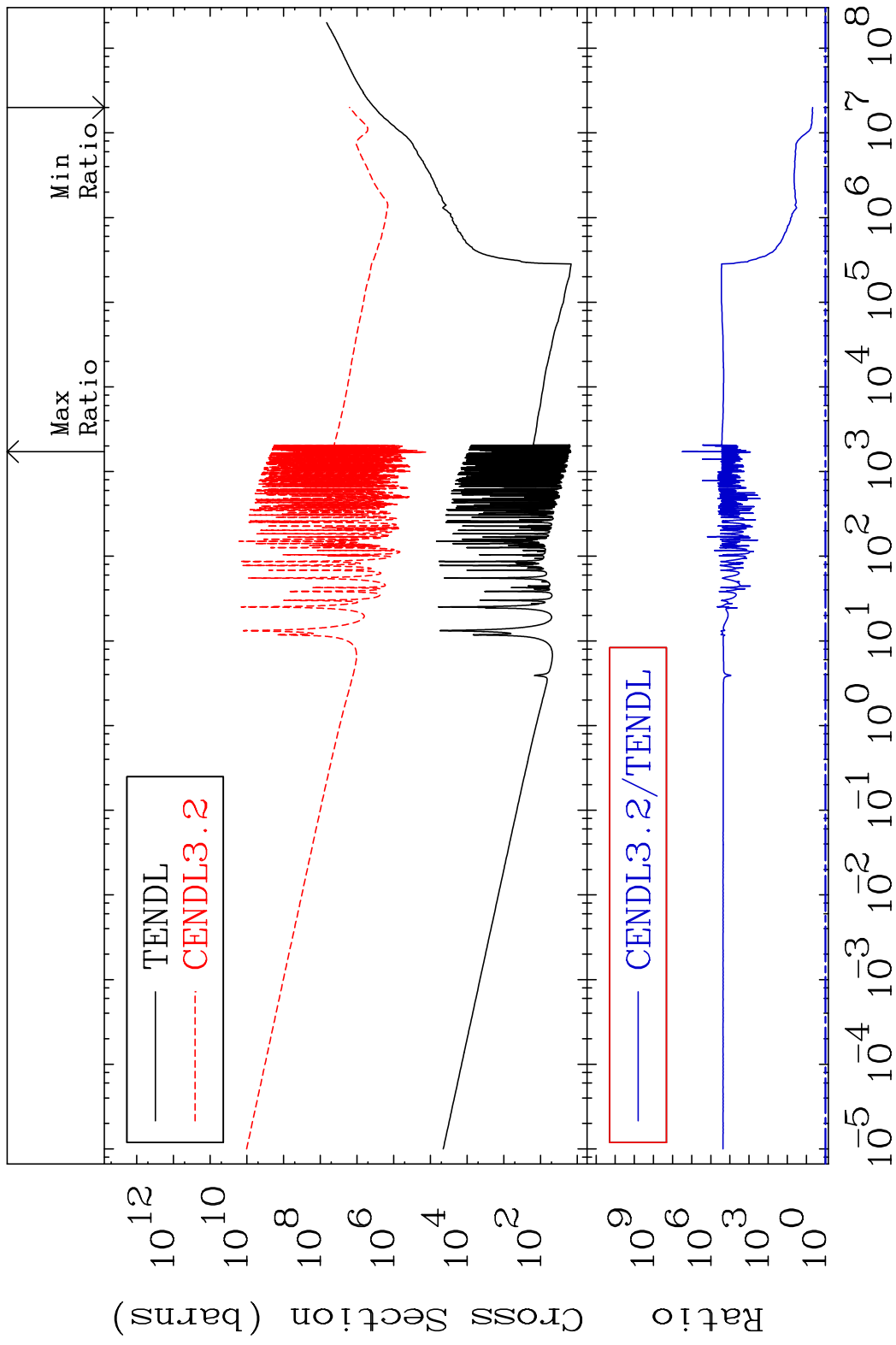


26

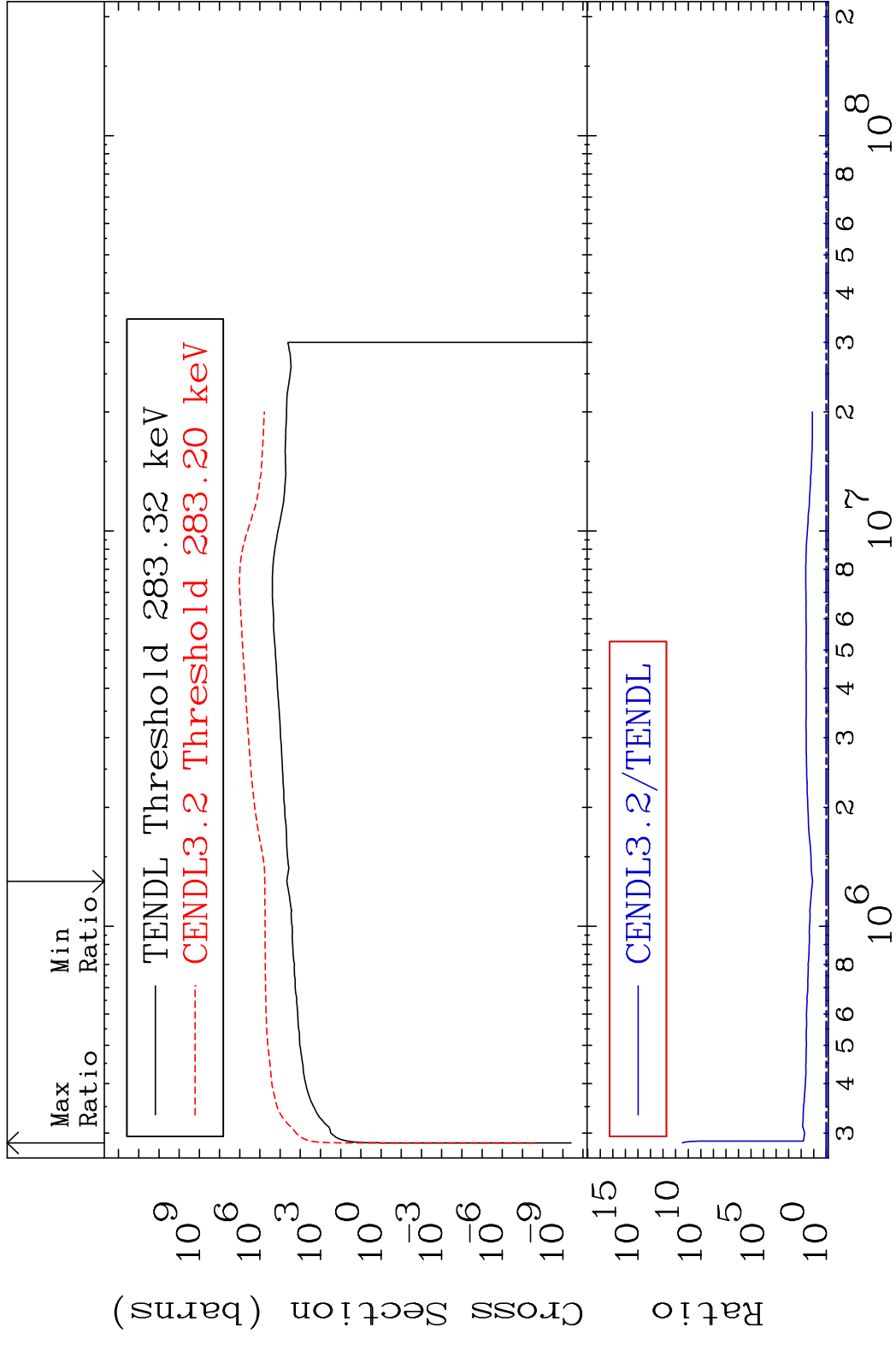
Incident Energy (eV)

46-Pd-105

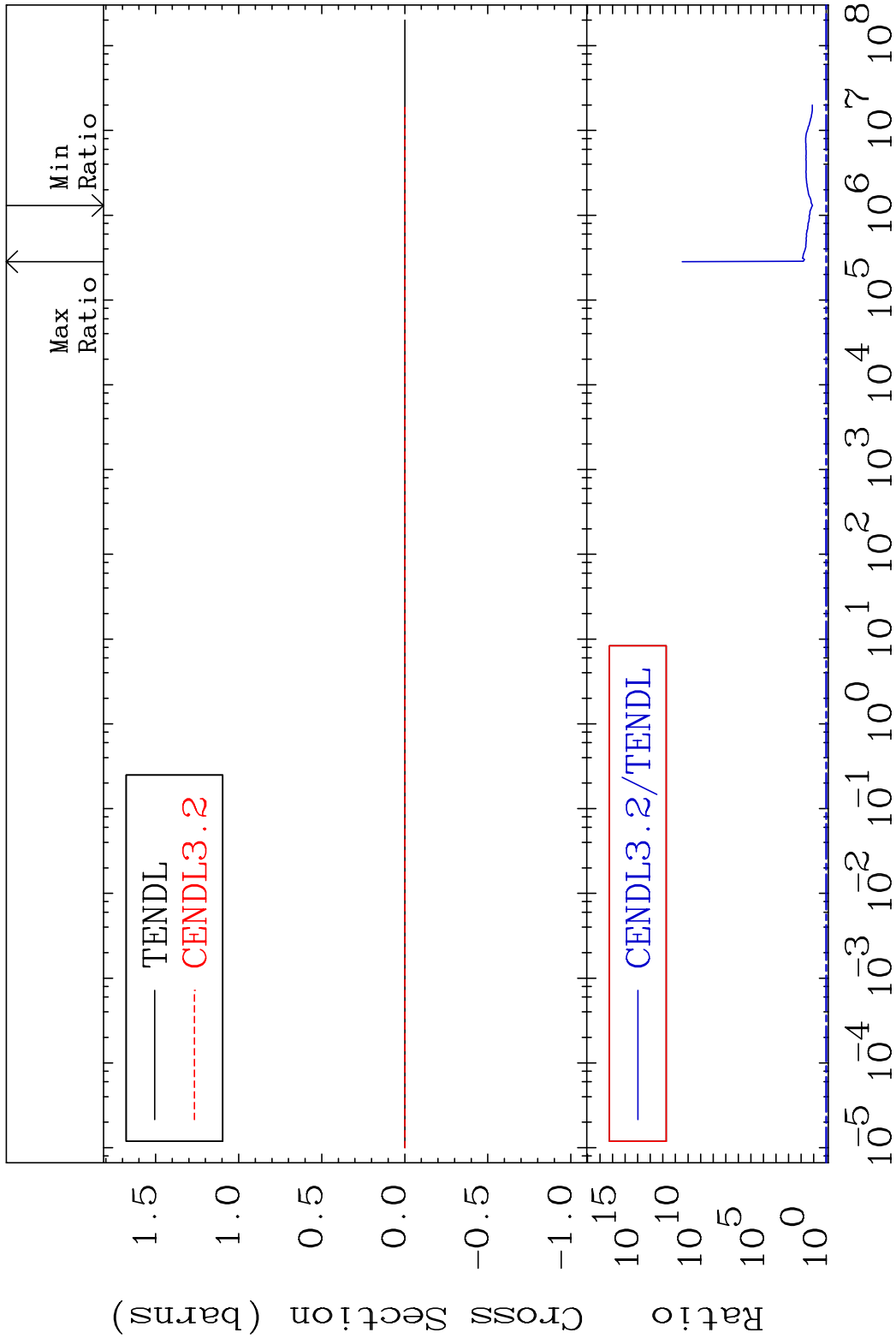
MAT 4634 Kerma non-elastic (all but mt2) 46-Pd-105  
 Cross Section 374.9 To 9999. %



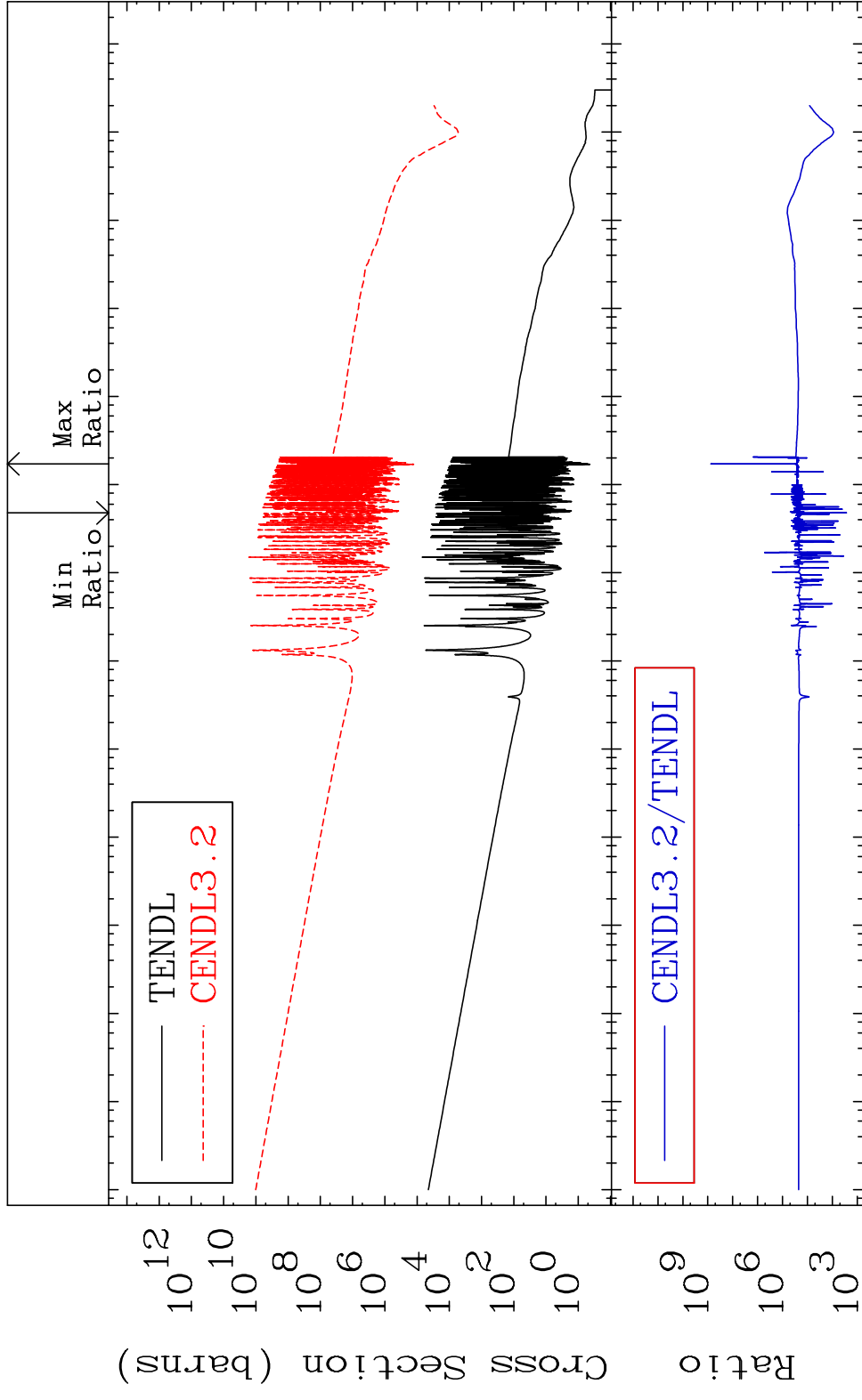
MAT 4634 Kerma inelastic (mt51-91) 46-Pd-105  
 Cross Section 1136. To 9999. %



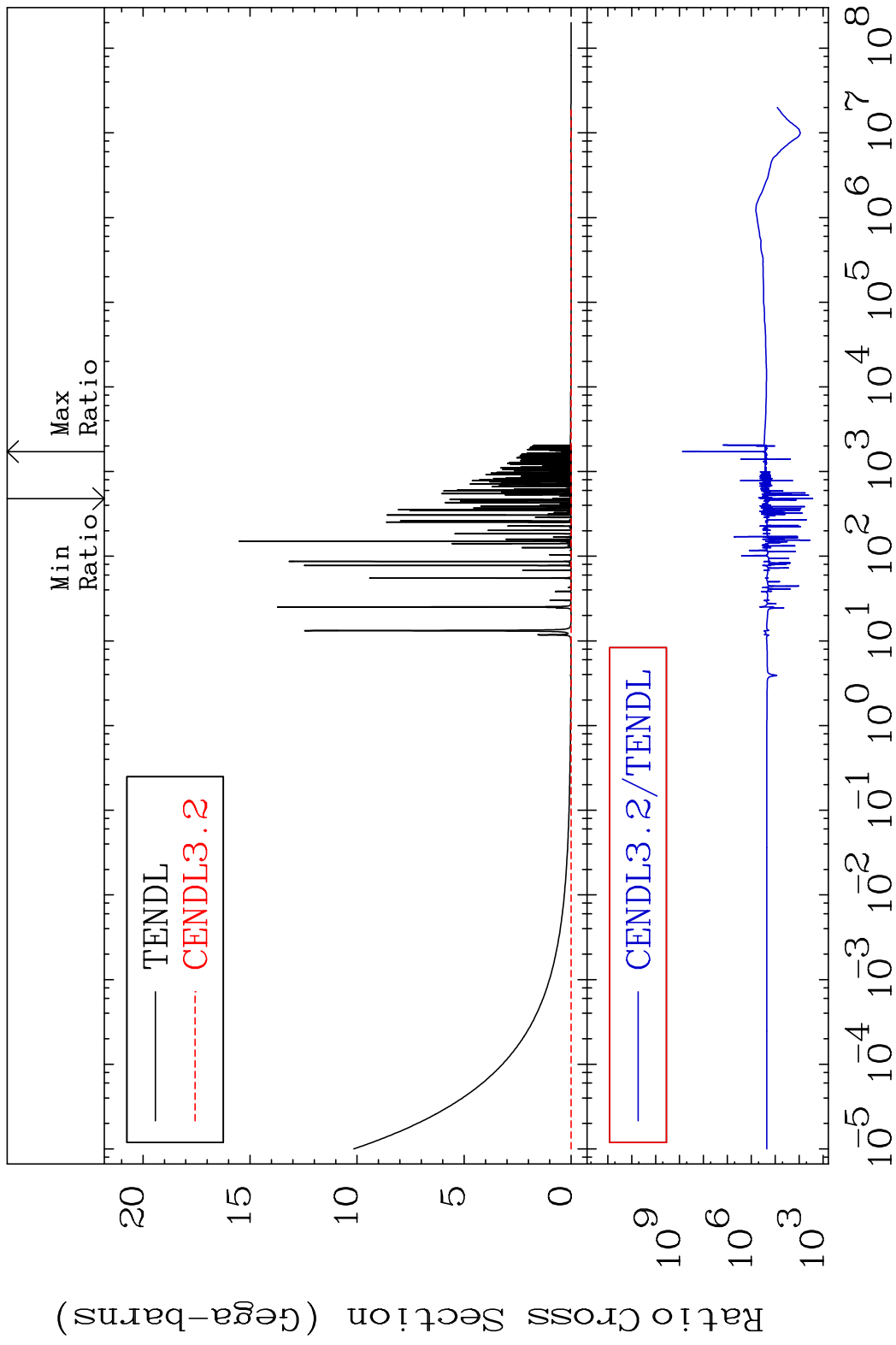
MAT 4634 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-105  
 Cross Section 1136. To 9999. %



MAT 4634 Kerma capture (mt102) 46-Pd-105  
 Cross Section 9999. To 9999. %

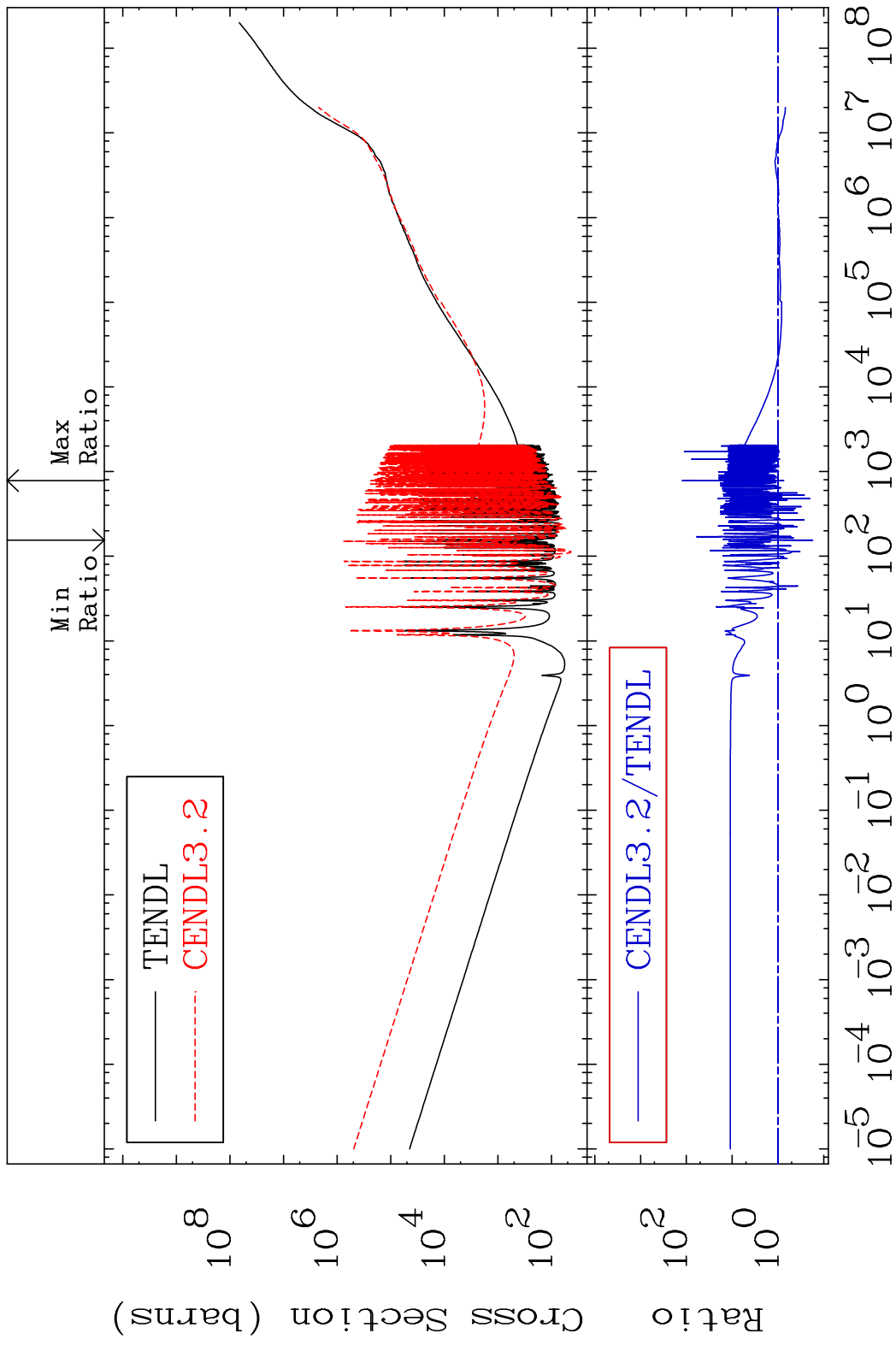


MAT 4634 Total photon (eV-barns) 46-Pd-105  
 Cross Section 9999. To 9999. %

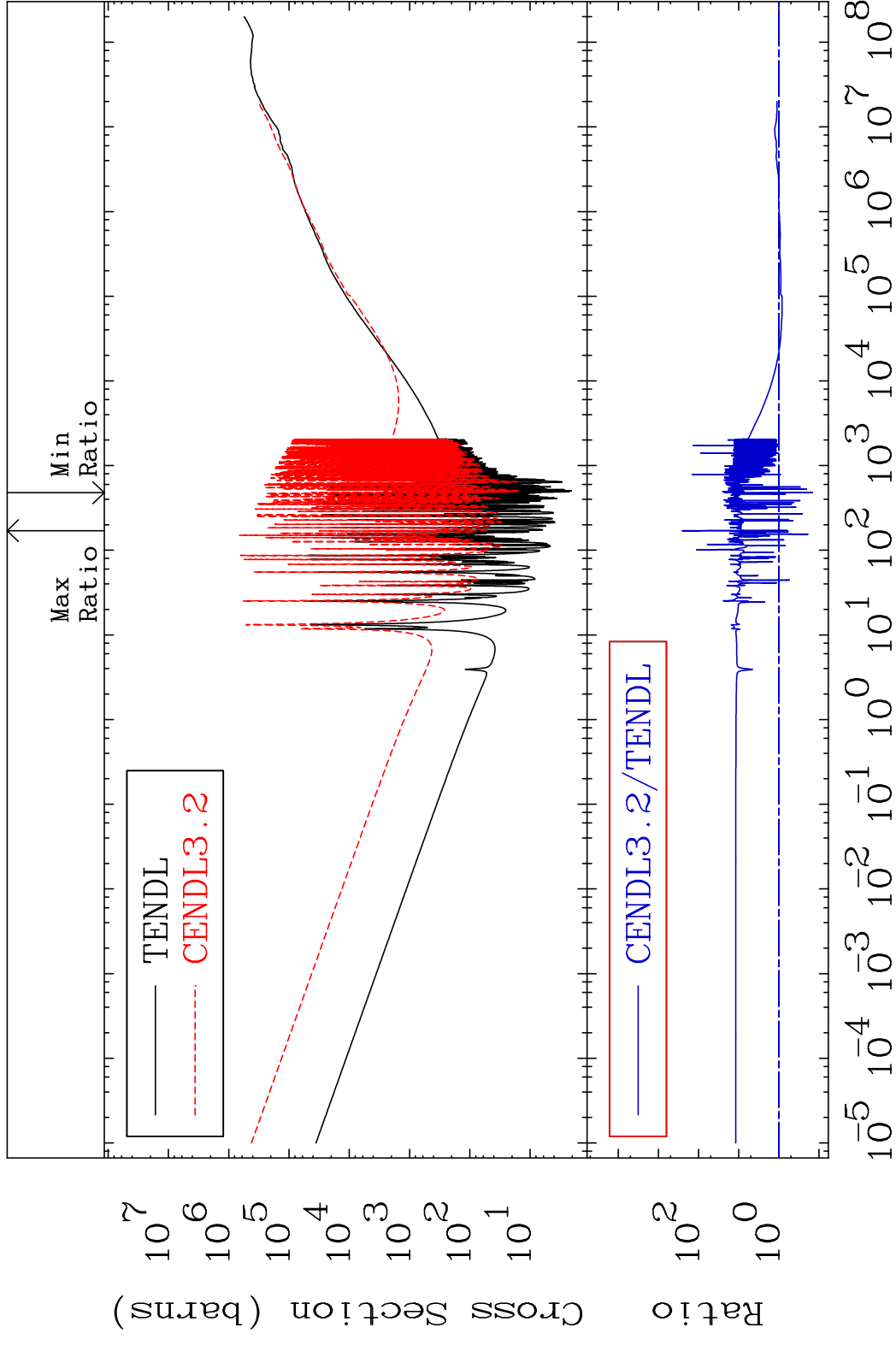




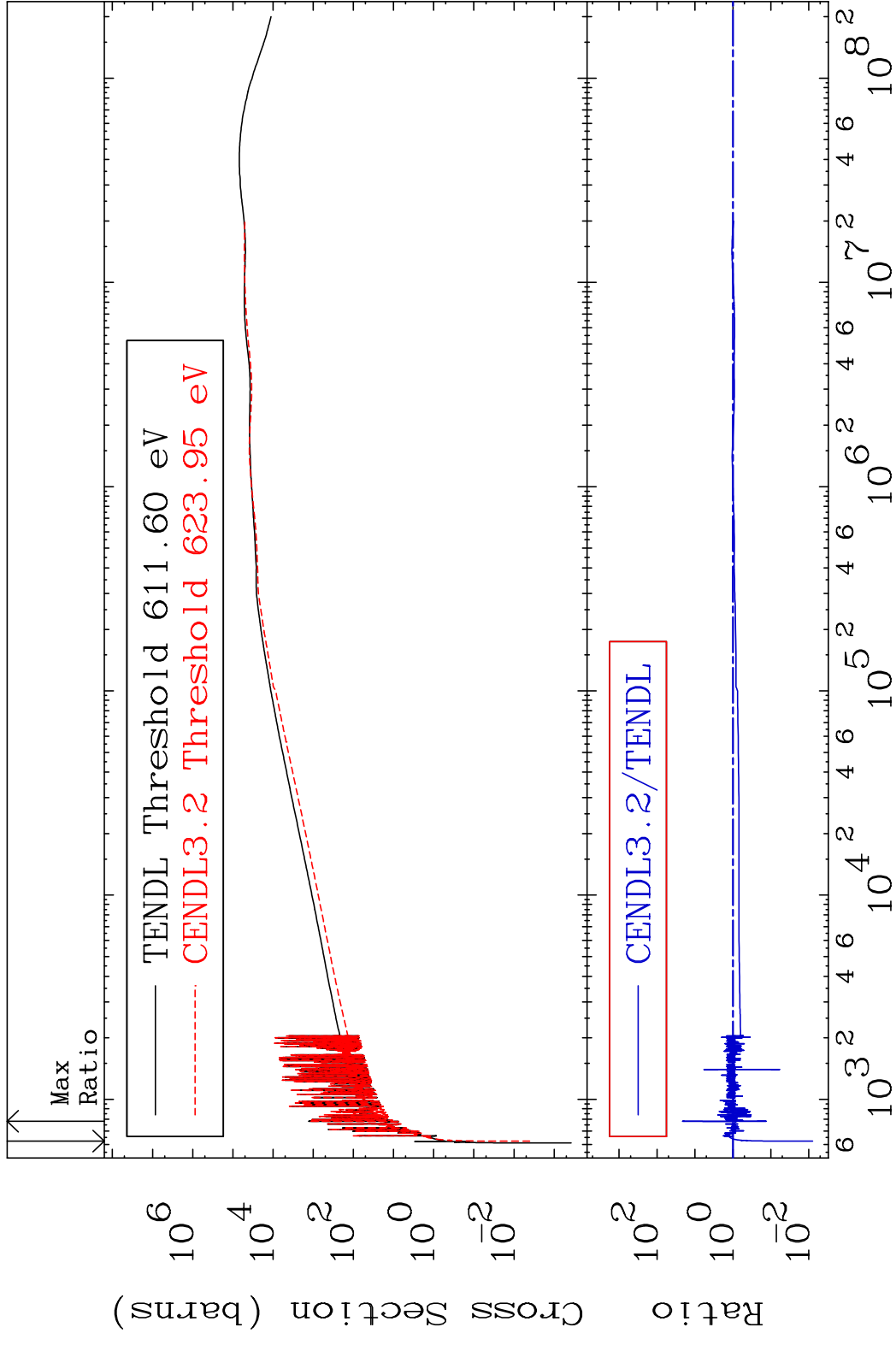
MAT 4634 Total kinematic kerma (high limit) 46-Pd-105  
 Cross Section -82.47 To 9999. %



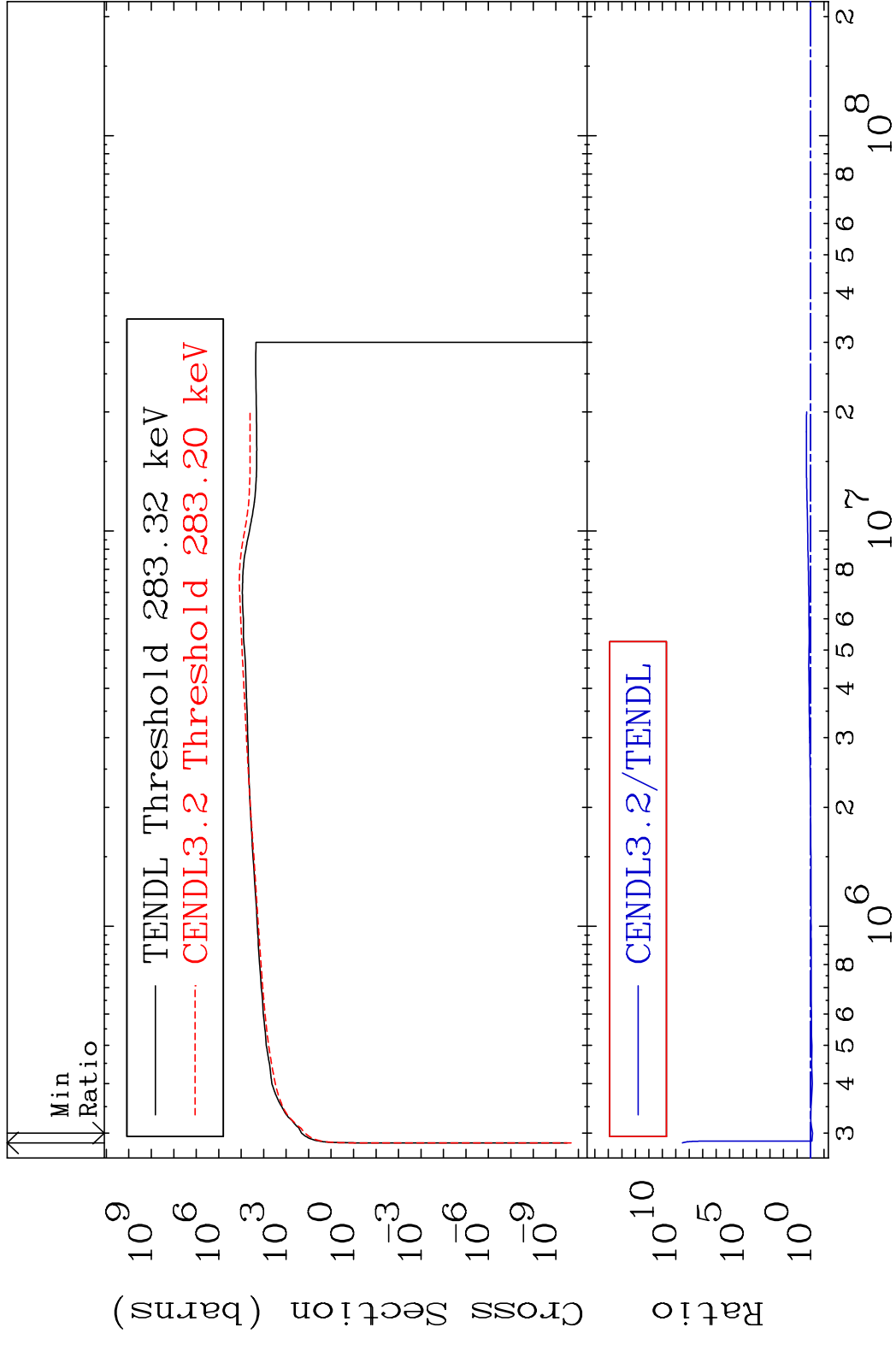
MAT 4634      Dpa total (eV-barns)      46-Pd-105  
 Cross Section      -85.63 To 9999. %



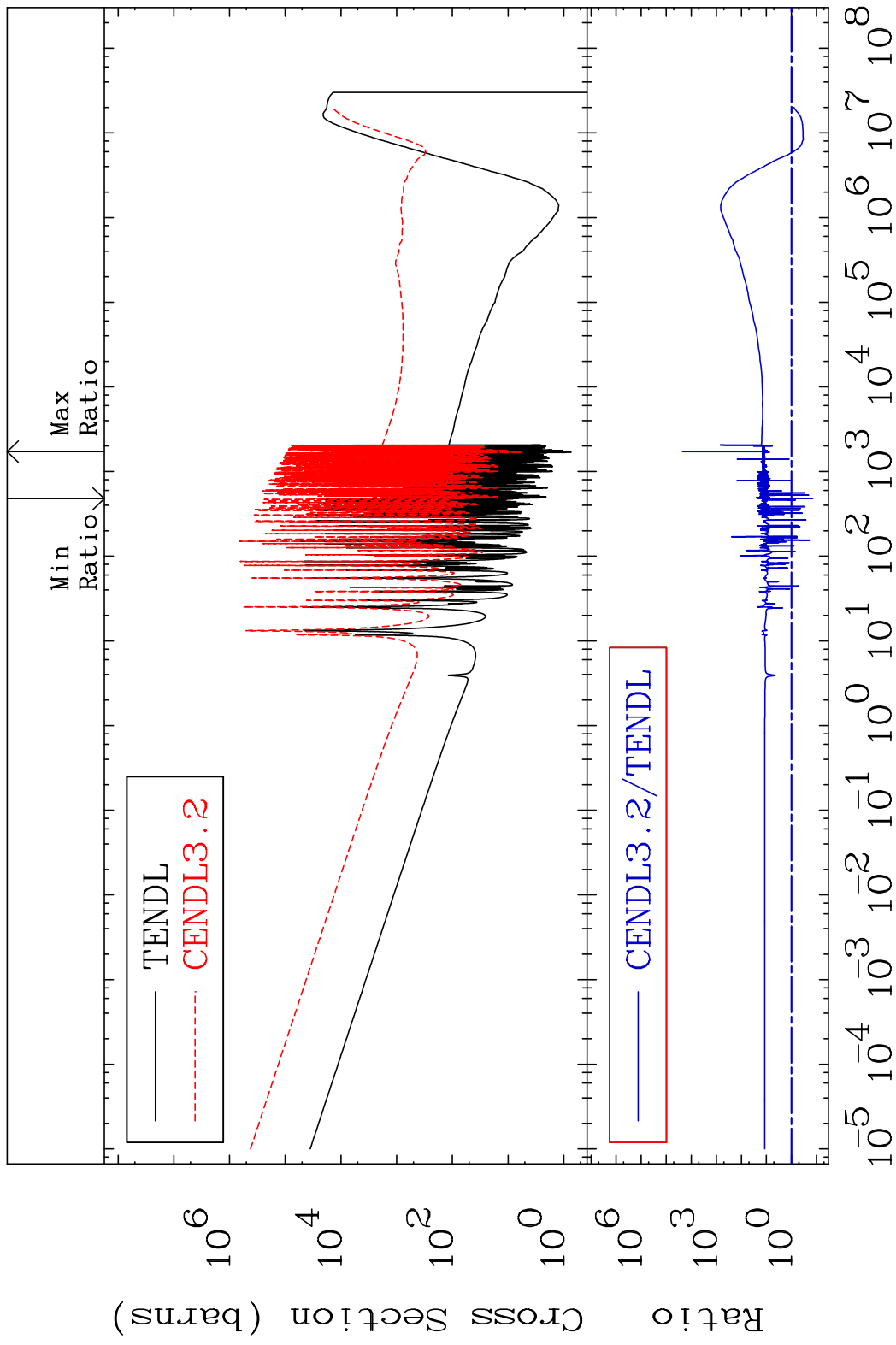
MAT 4634      Dpa elastic (mt2)      46-Pd-105  
 Cross Section      -99.20 To 2051. %



MAT 4634 Dpa inelastic (mt51-91) 46-Pd-105  
 Cross Section -30.03 To 9999. %

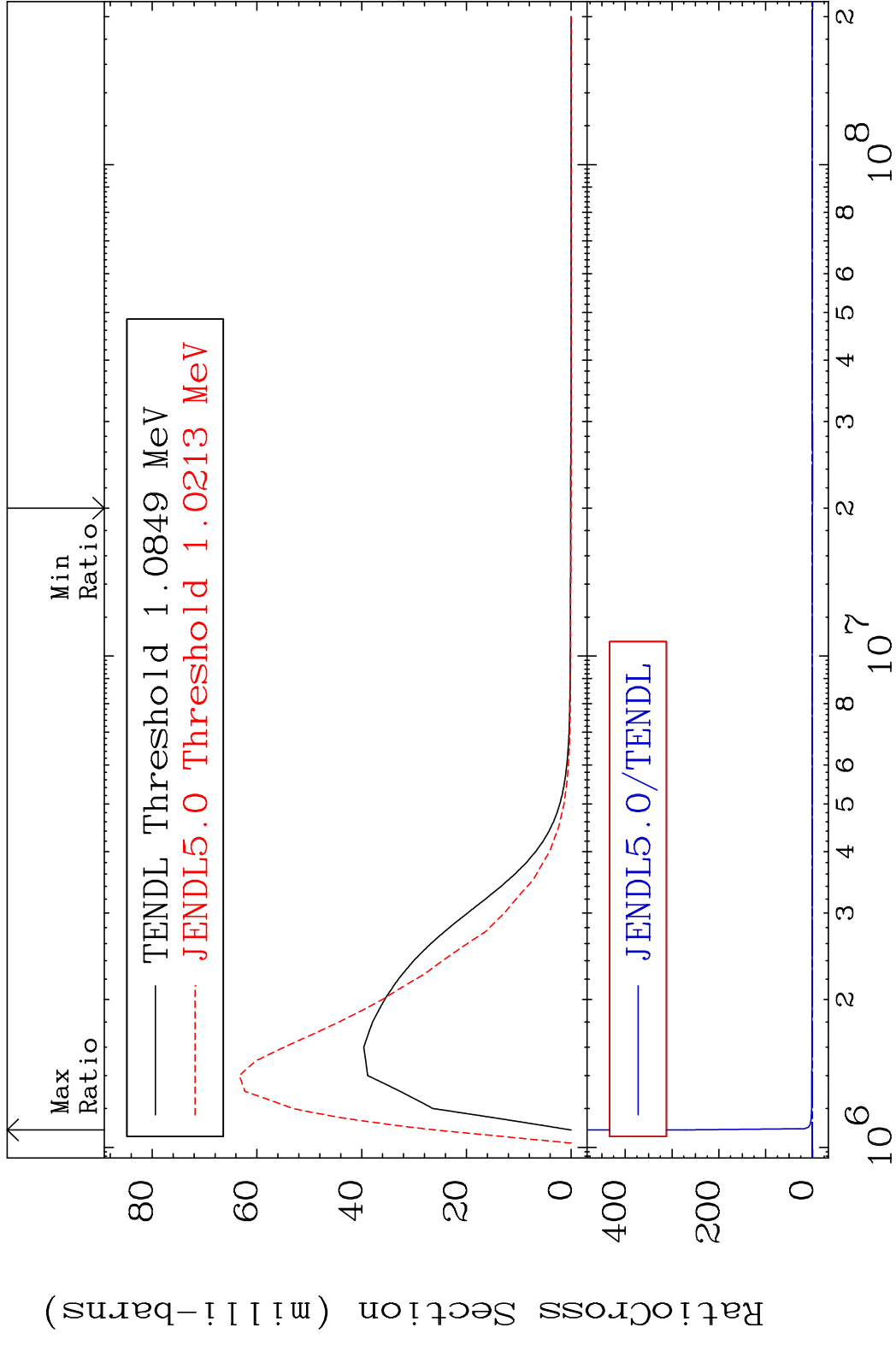


MAT 4634 Dpa disappearance (mt102 -120) 46-Pd-105  
 Cross Section -85.63 To 9999. %

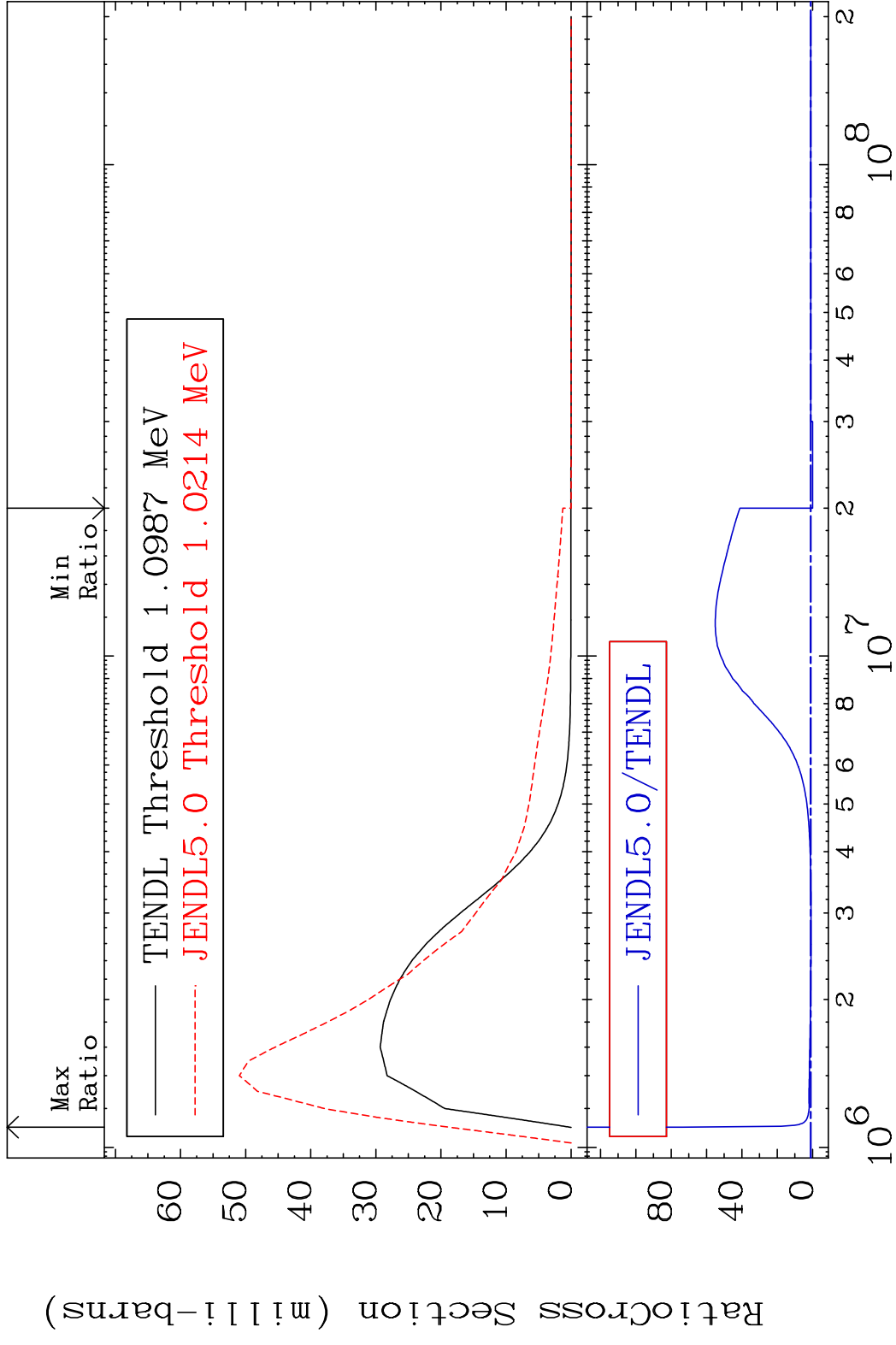


36 Incident Energy (eV) 46-Pd-105

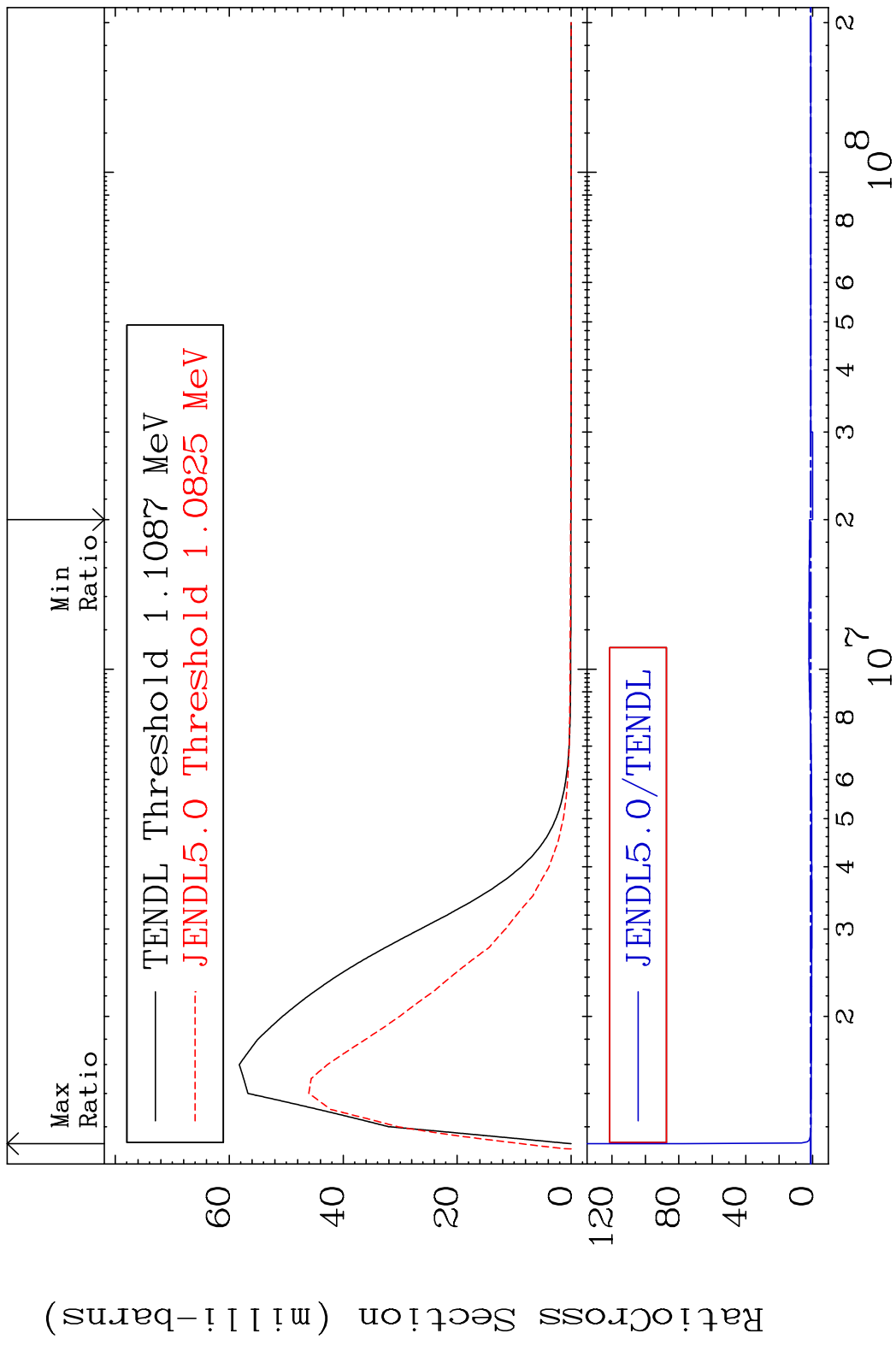
MAT 4634 MT= 76 (n, n') Level 46-Pd-105  
 Cross Section -100.0 To 9999. %



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

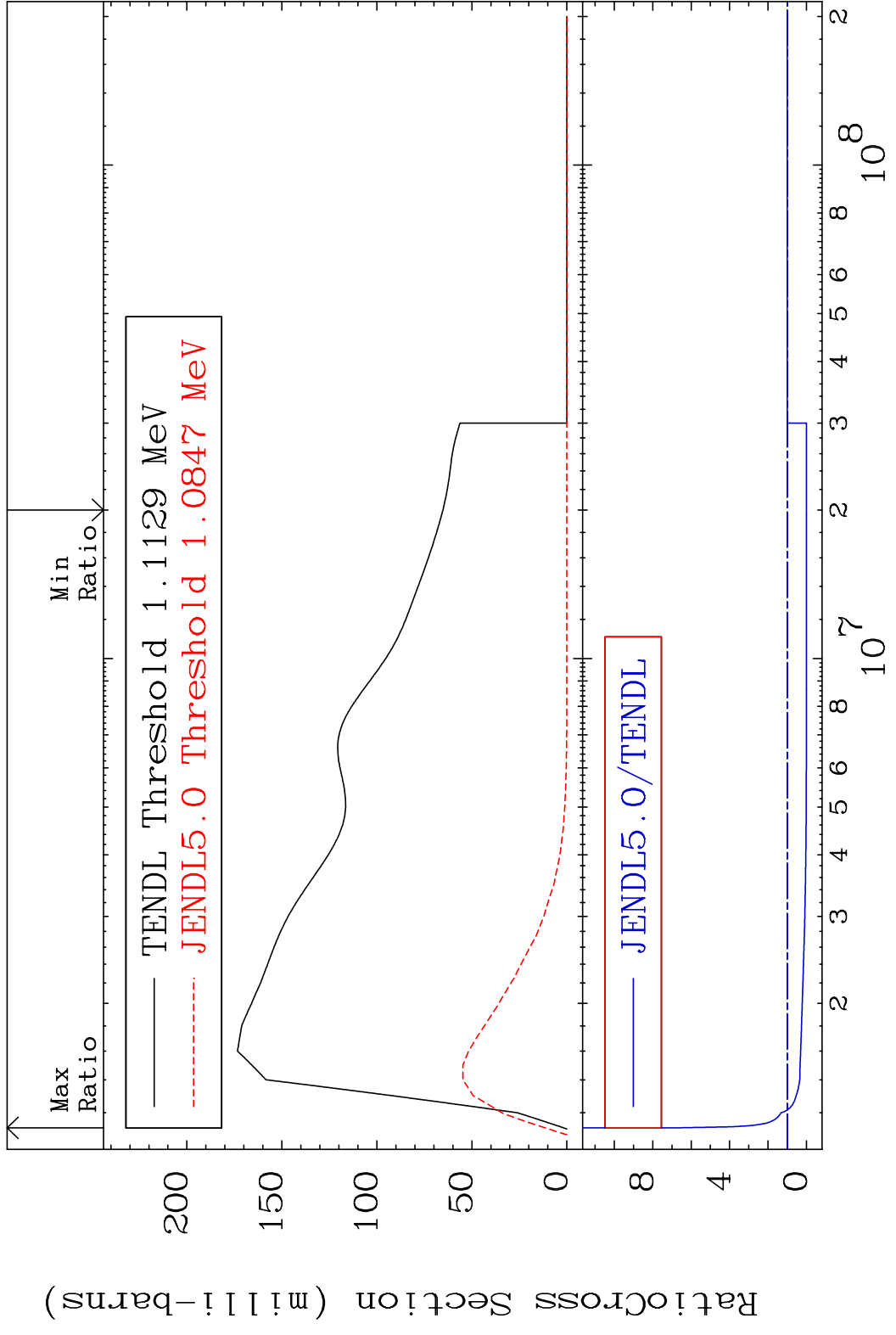


MAT 4634 MT= 78 (n, n') Level 46-Pd-105  
 Cross Section -100.0 To 7690. %



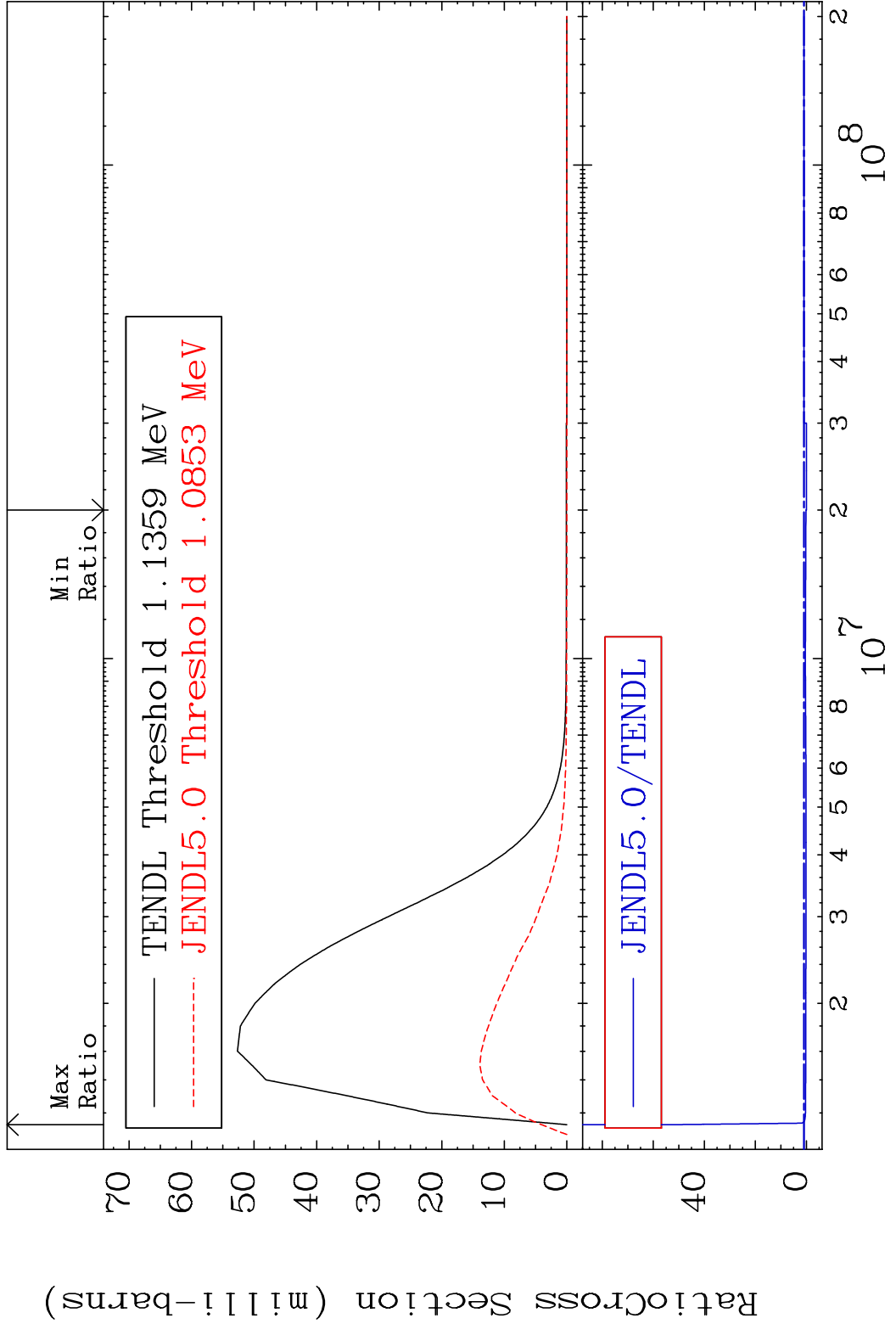


MAT 4634 MT= 79 (n, n') Level 46-Pd-105  
 Cross Section -100.0 To 572.8 %



40 Incident Energy (eV) 46-Pd-105

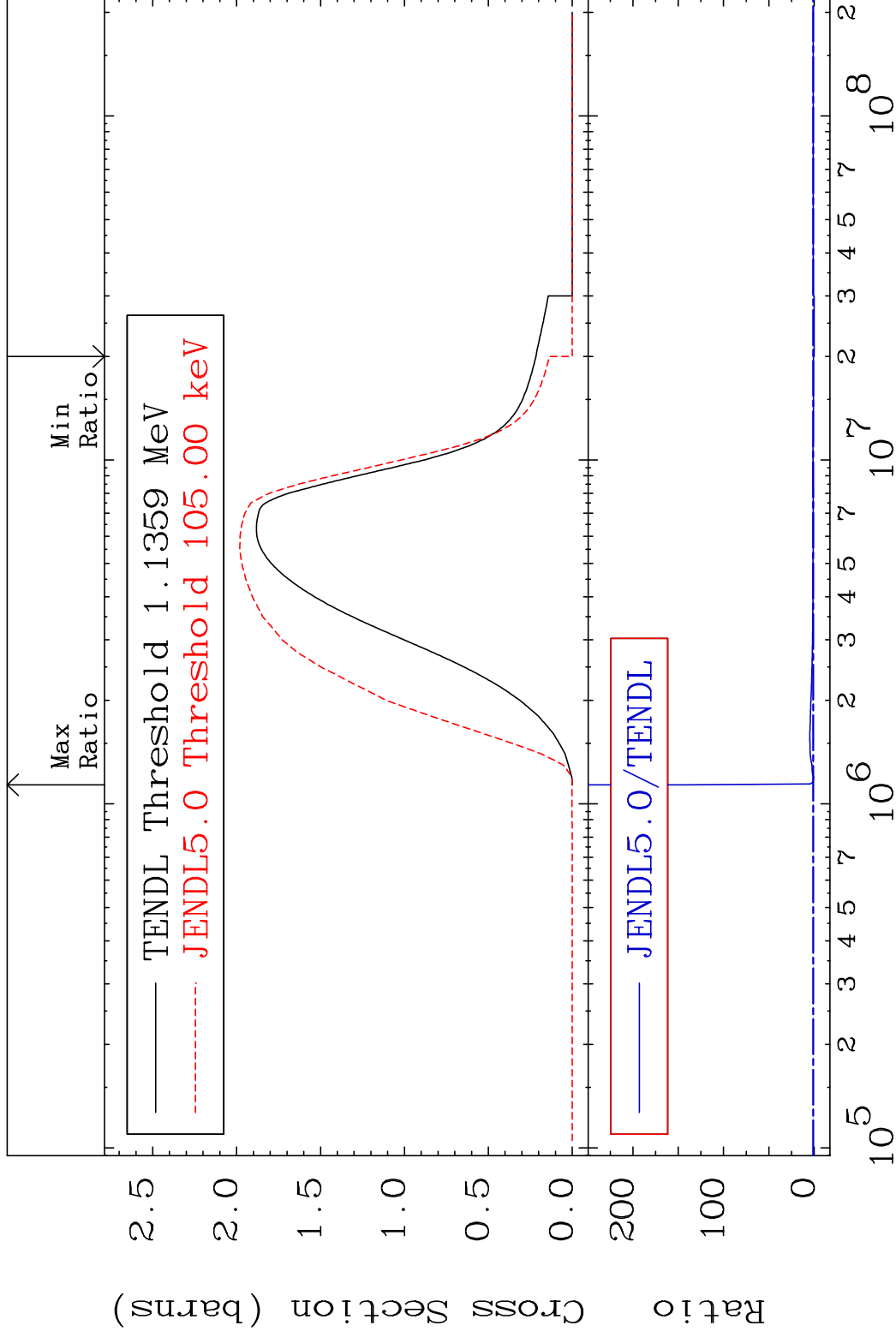
MAT 4634 MT= 80 (n, n') Level 46-Pd-105  
 Cross Section -100.0 To 4964. %



MAT 4634

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

46-Pd-105



42

Incident Energy (eV)

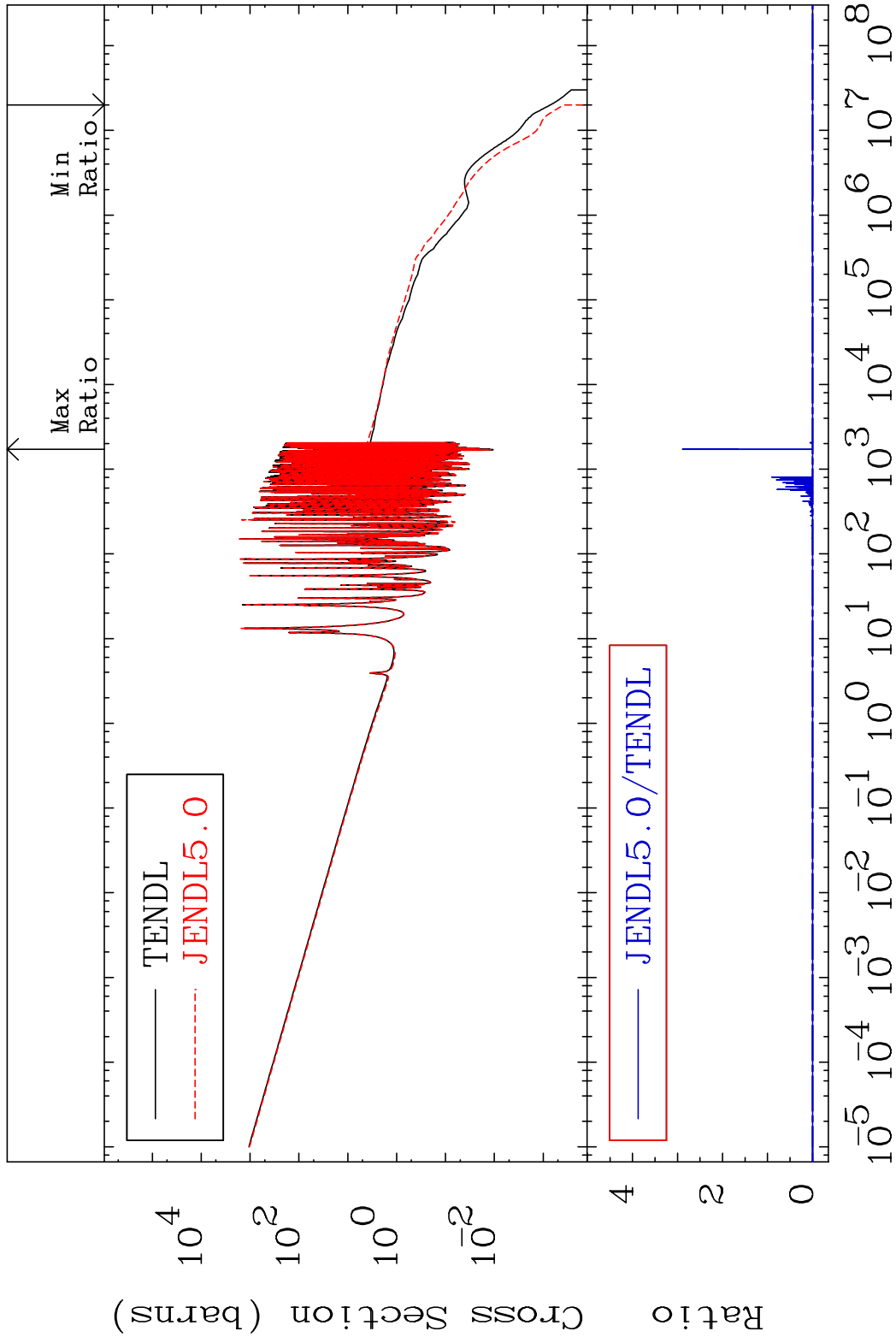
46-Pd-105

MAT 4634

(n,  $\gamma$ )

46-Pd-105

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

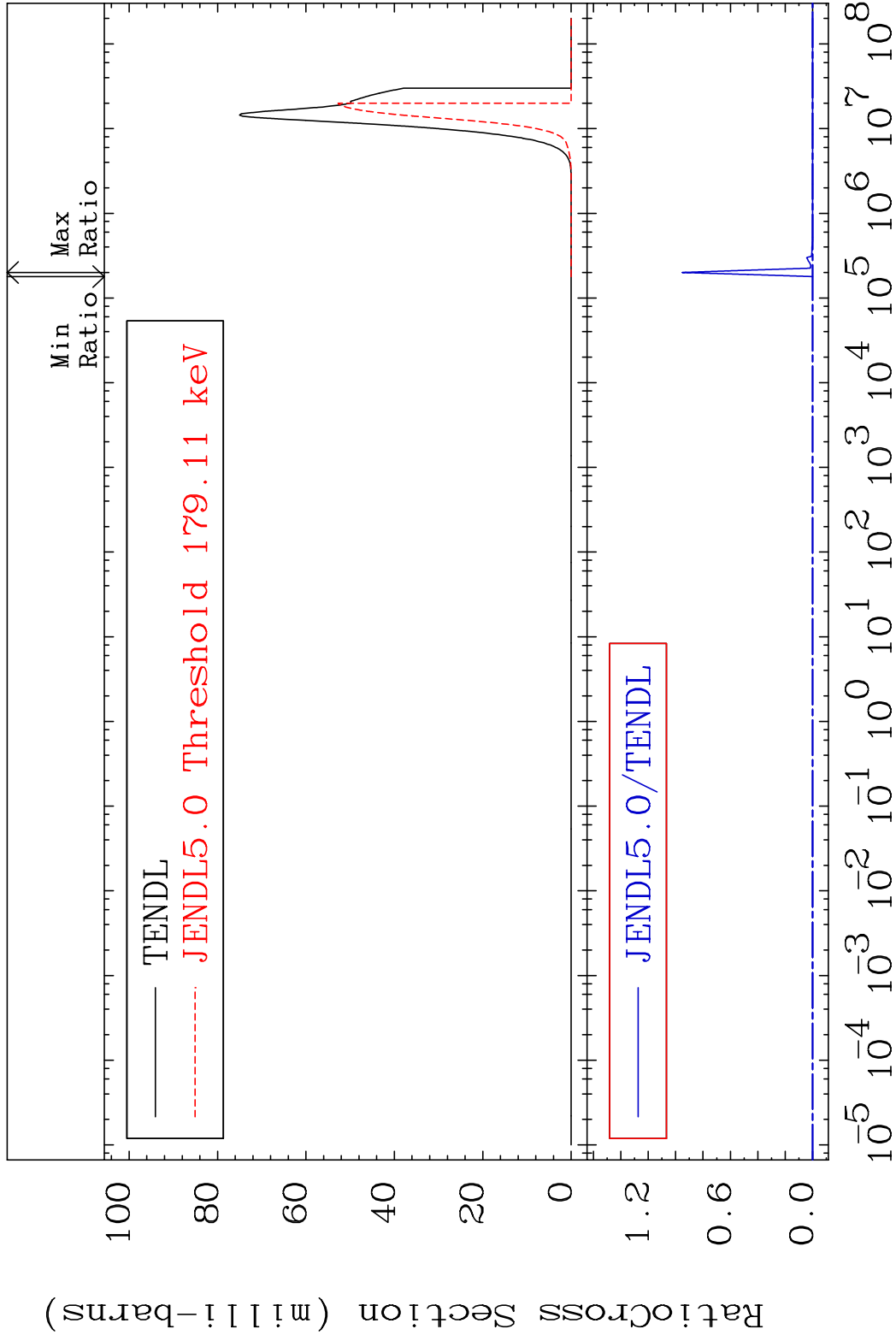
46-Pd-105

MAT 4634

(n, p)

46-Pd-105

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

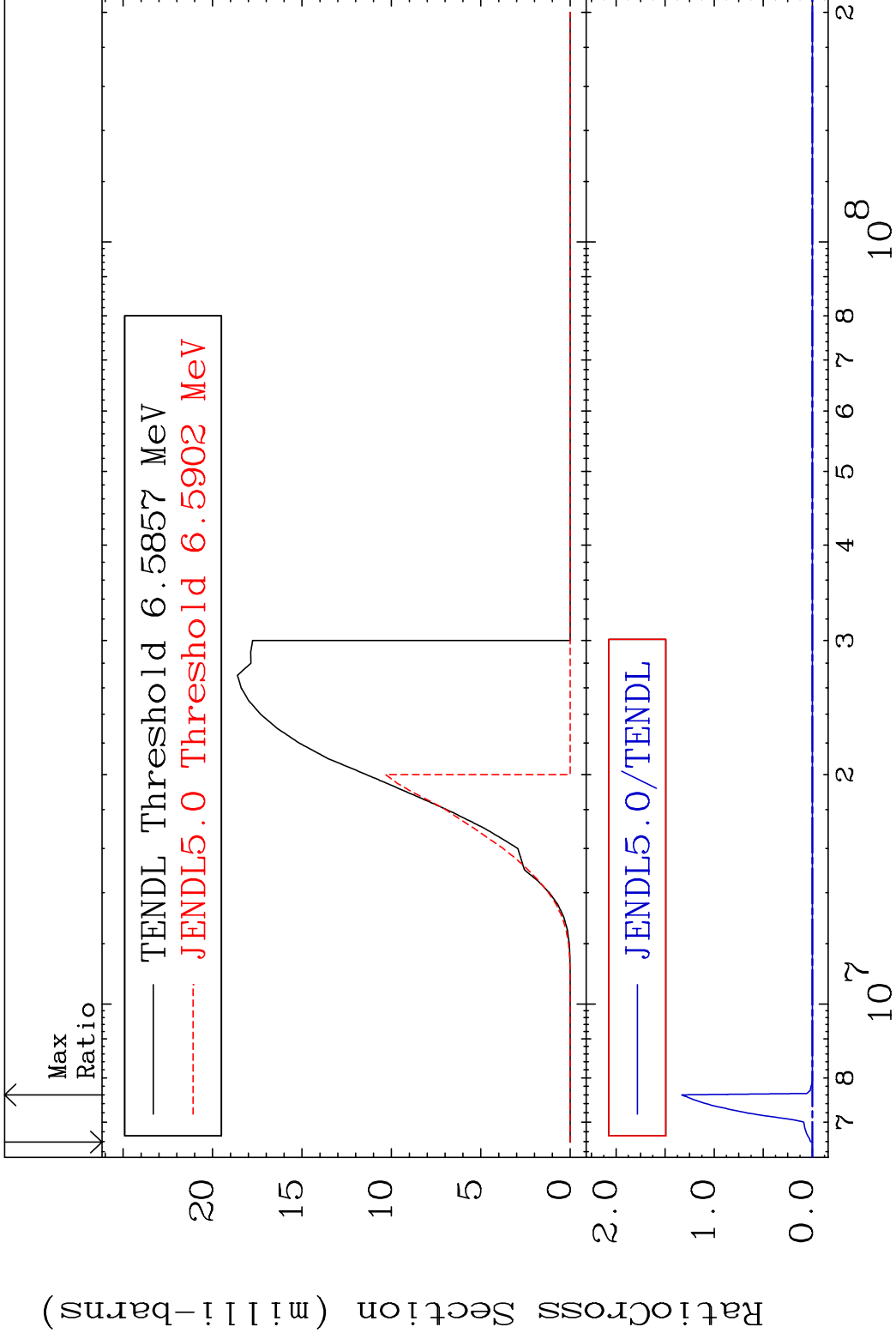
46-Pd-105

MAT 4634

(n,d)

46-Pd-105

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

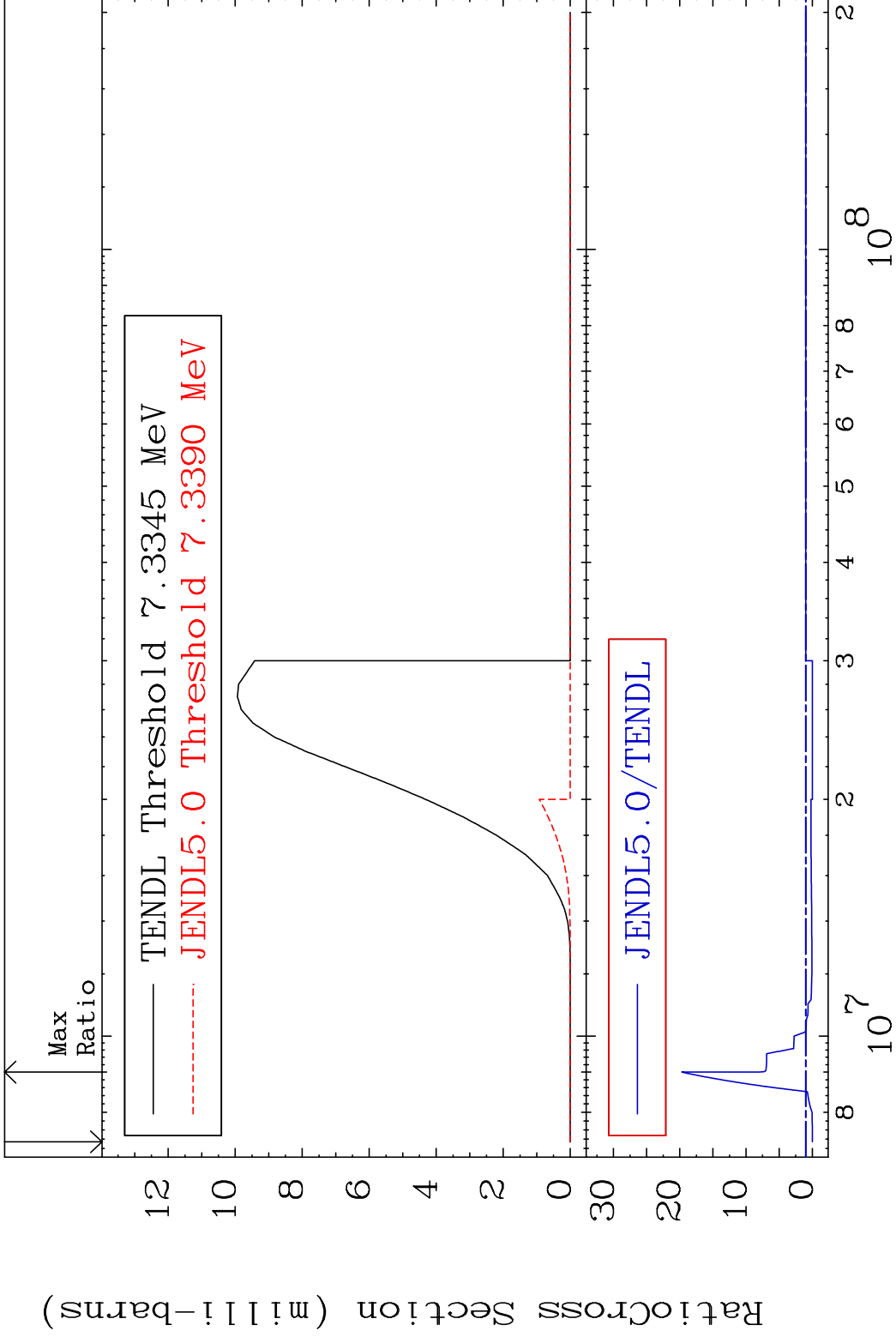
46-Pd-105

MAT 4634

(n, t)

46-Pd-105

Cross Section -100.0 To 1870. %



46

Incident Energy (eV)

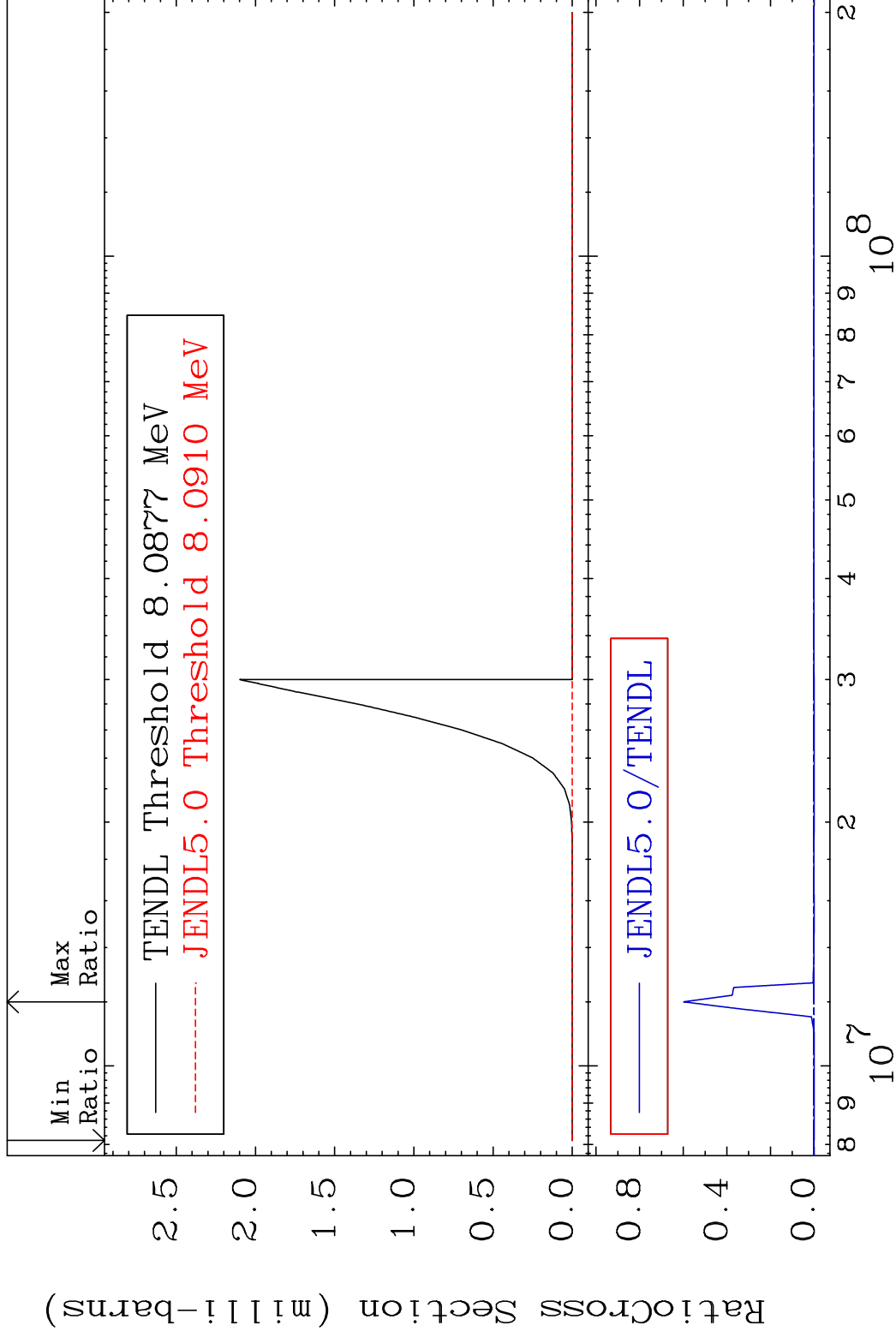
46-Pd-105

MAT 4634

(n, He-3)

46-Pd-105

Cross Section -100.0 To 9999. %



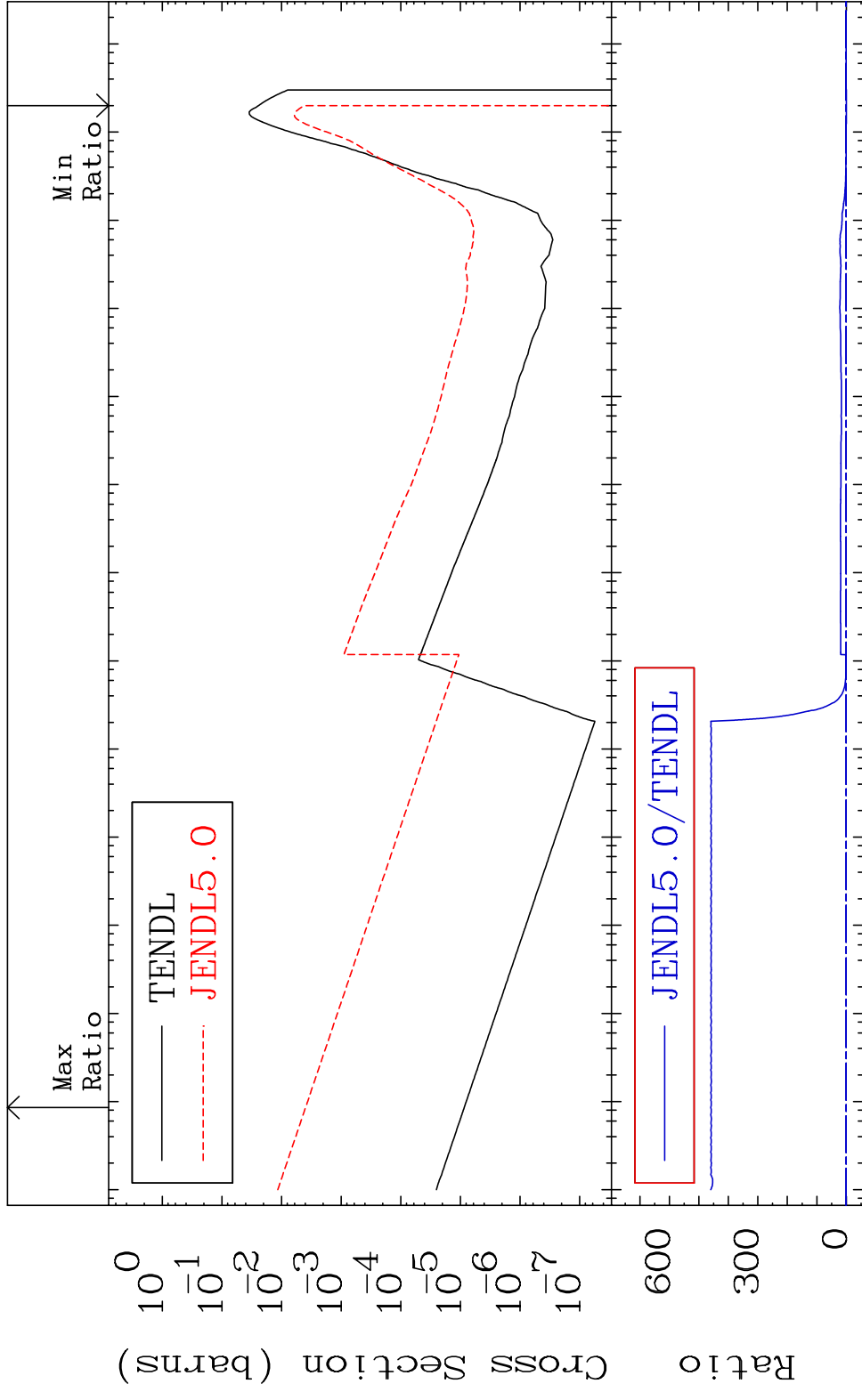
47

Incident Energy (eV)

46-Pd-105



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

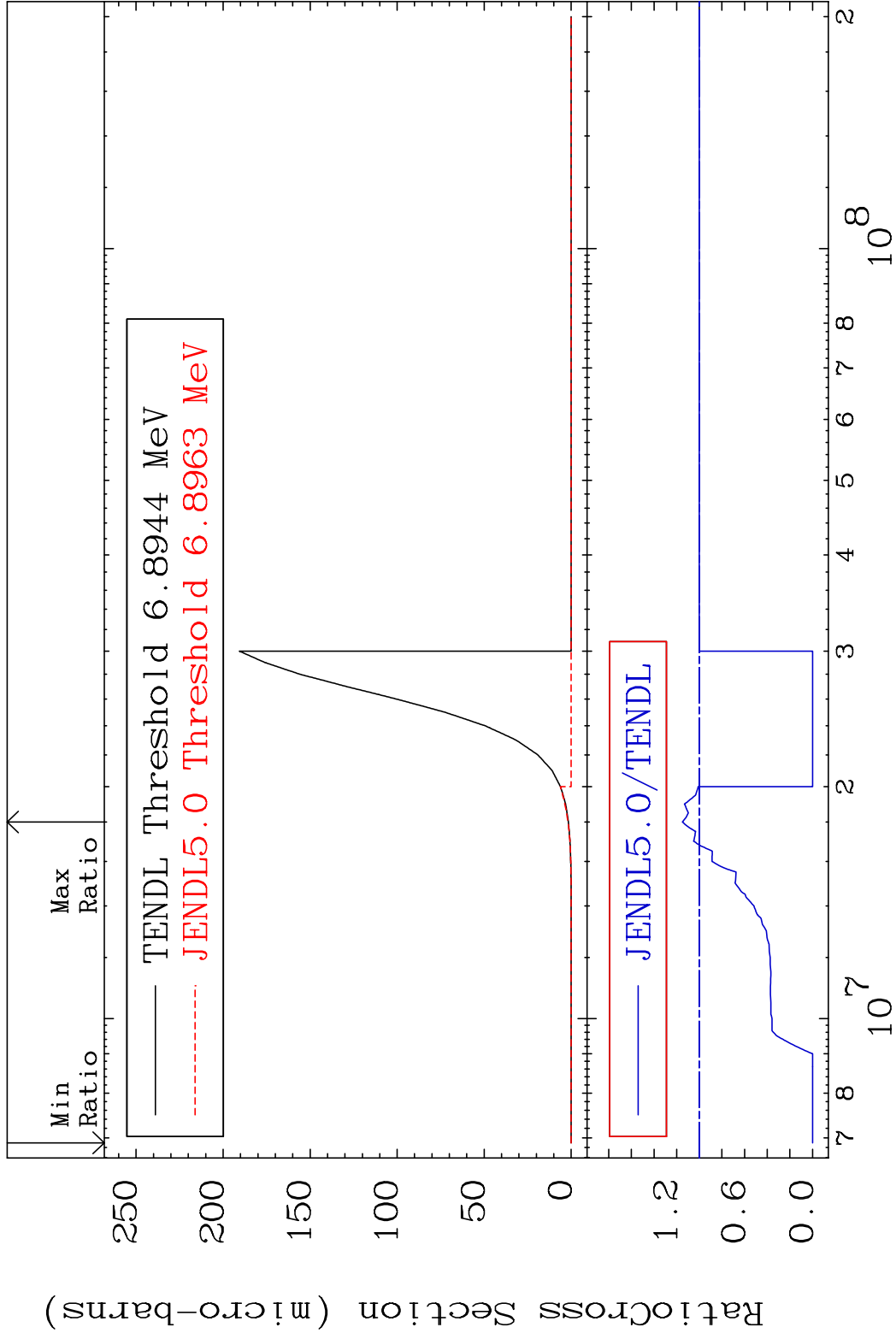


MAT 4634

(n,2p)

46-Pd-105

Cross Section -100.0 To 14.97 %

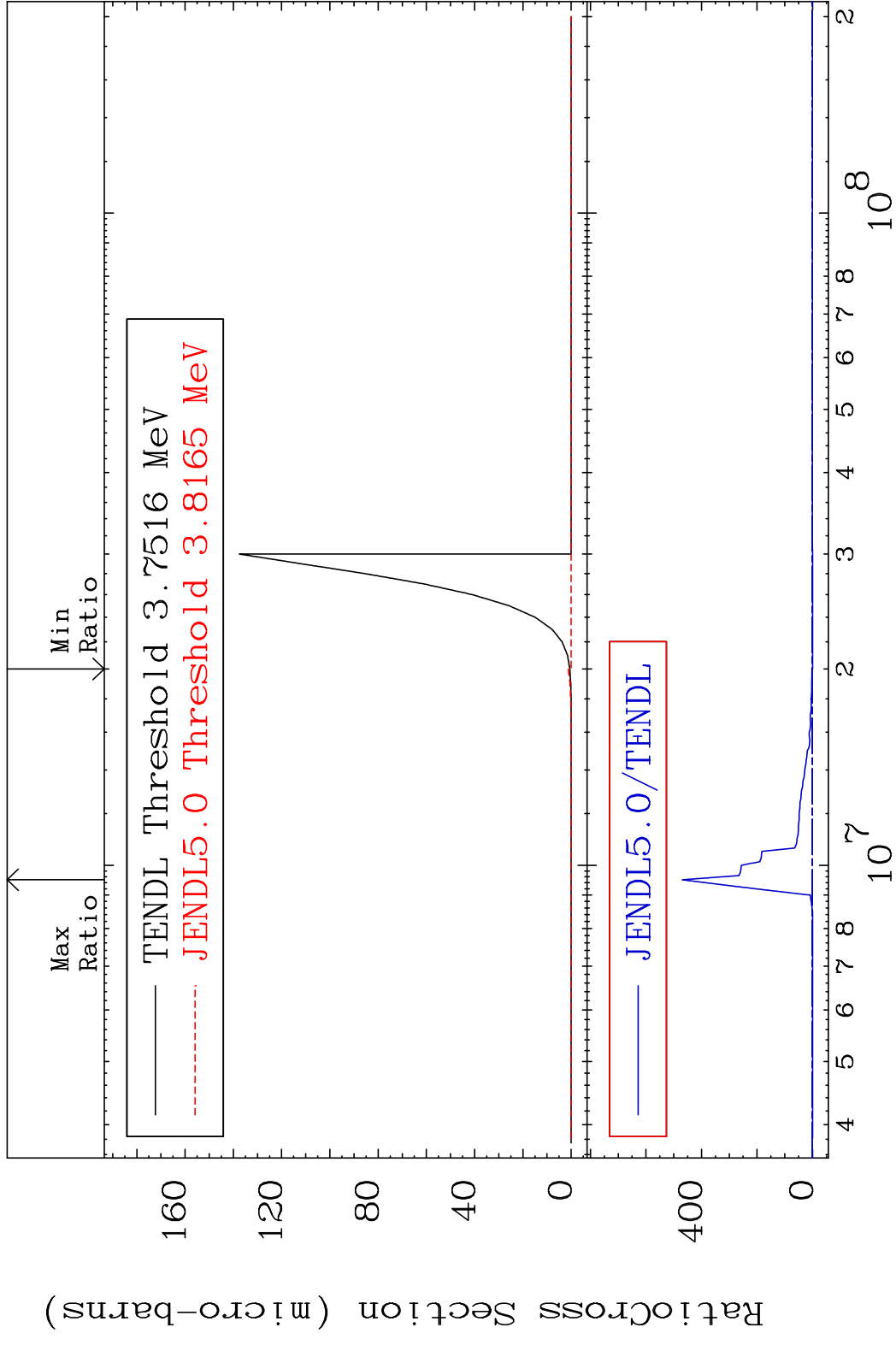


49

Incident Energy (eV)

46-Pd-105

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

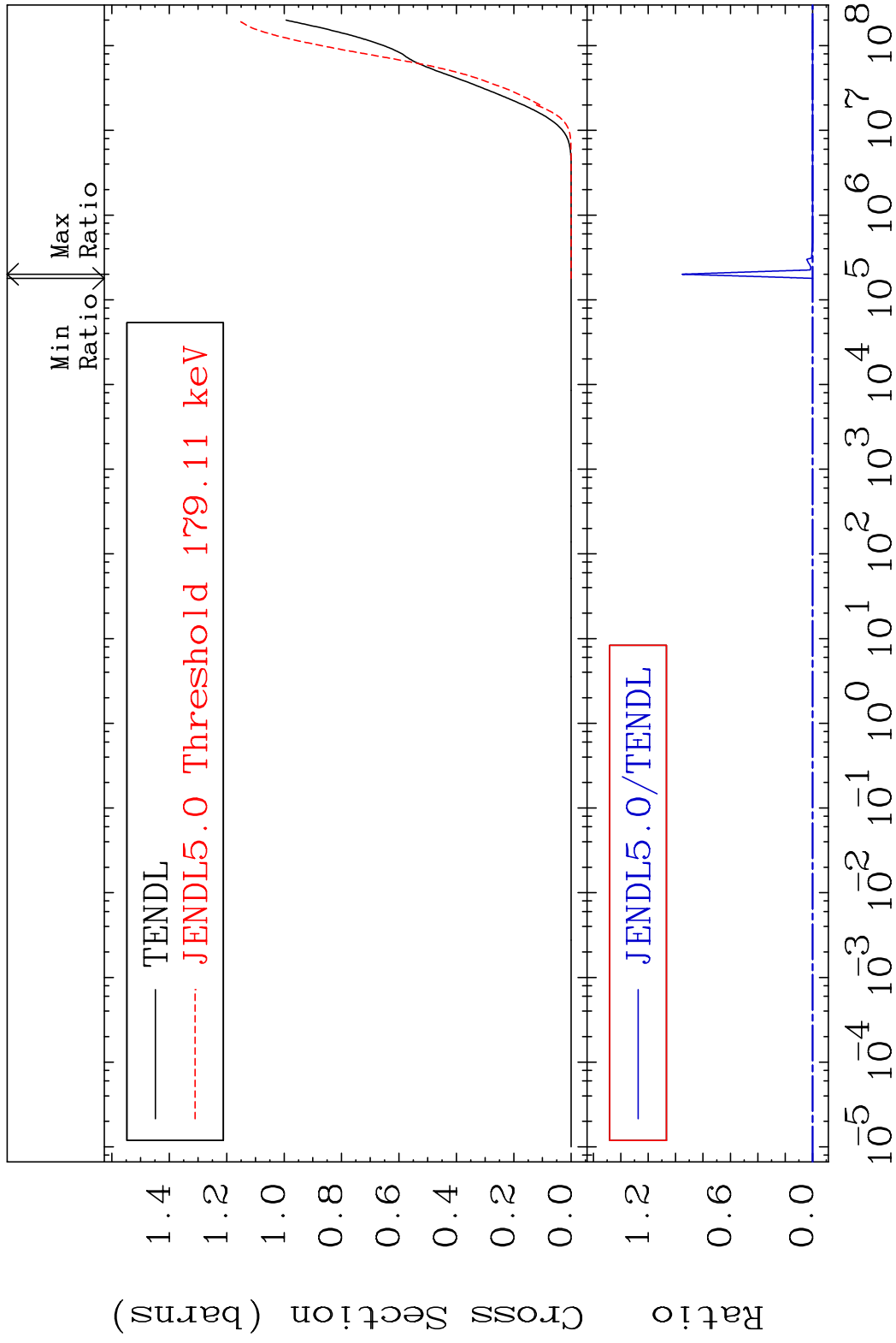


MAT 4634

Hydrogen Production

46-Pd-105

Cross Section -100.0 To 9999. %

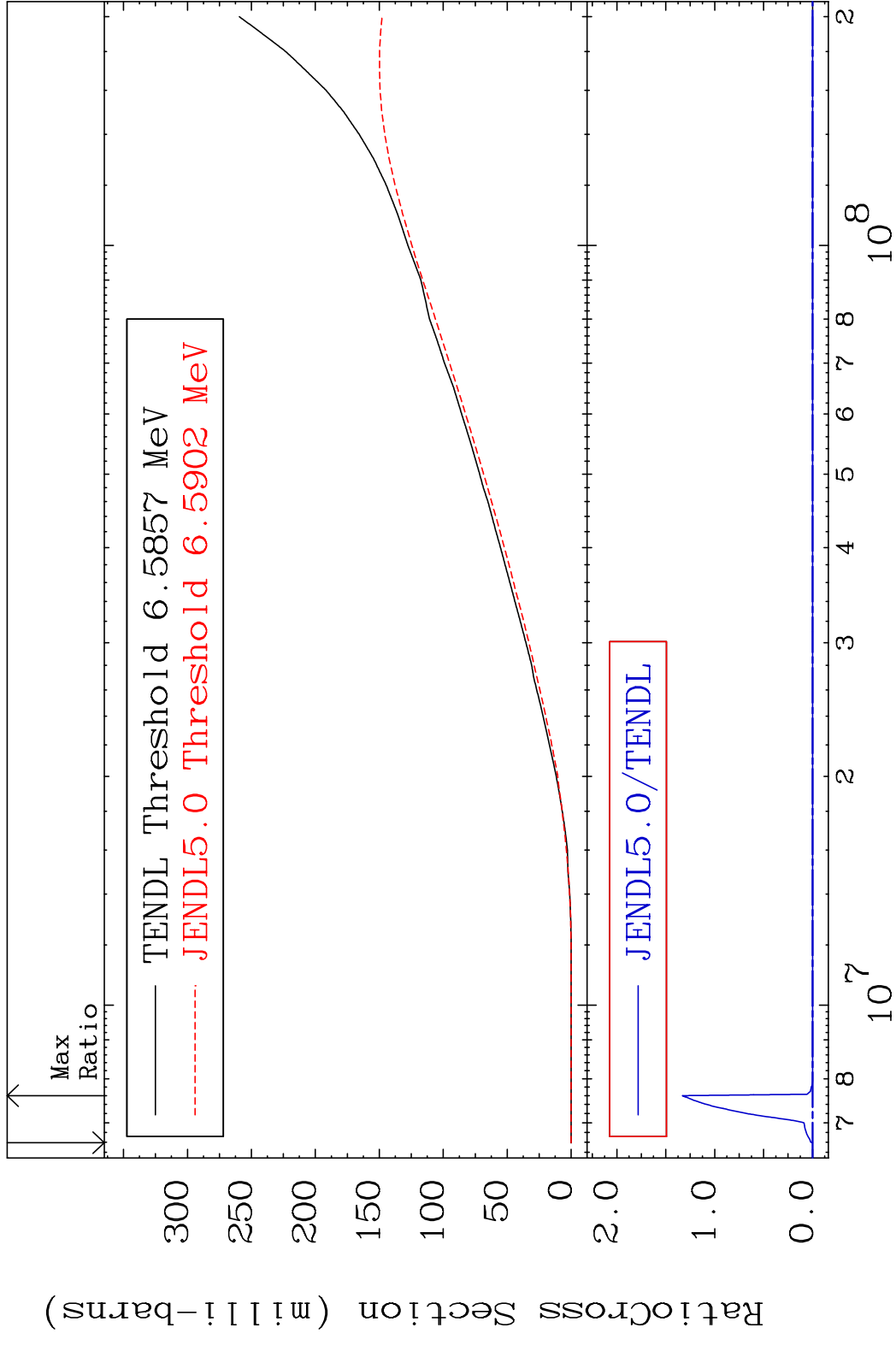


51

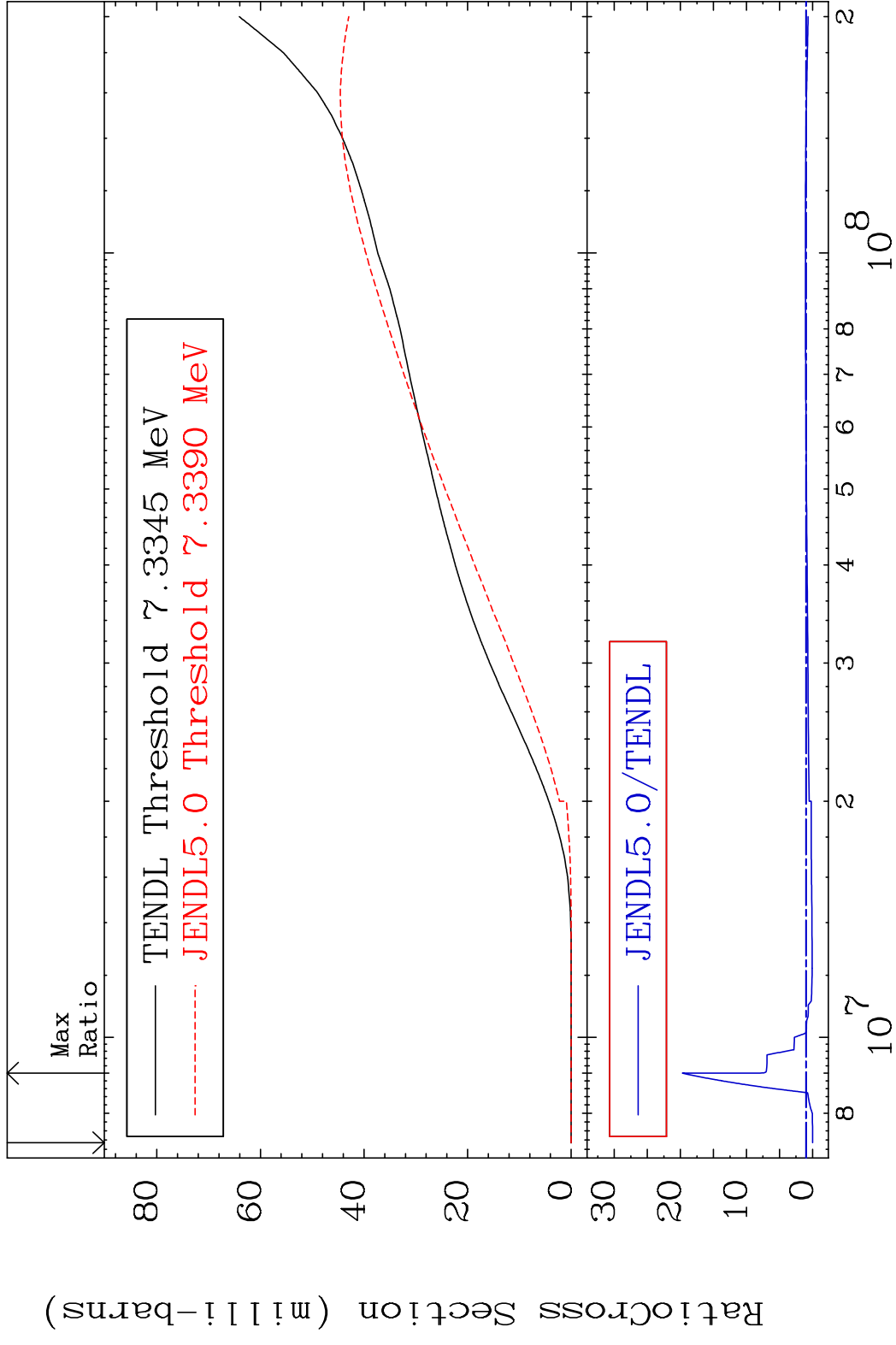
Incident Energy (eV)

46-Pd-105

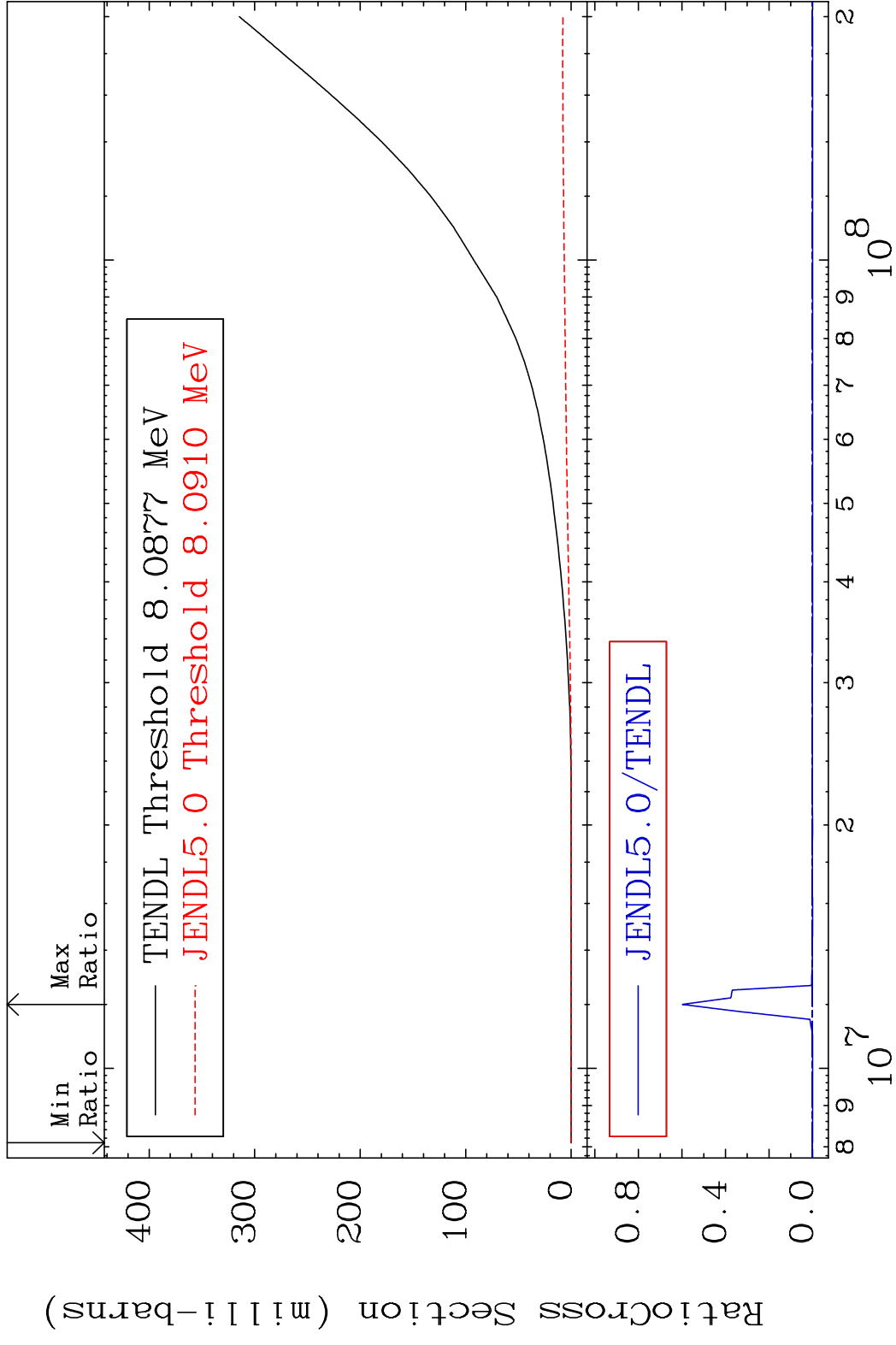
MAT 4634 Deuterium Production 46-Pd-105  
 Cross Section -100.0 To 9999. %



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

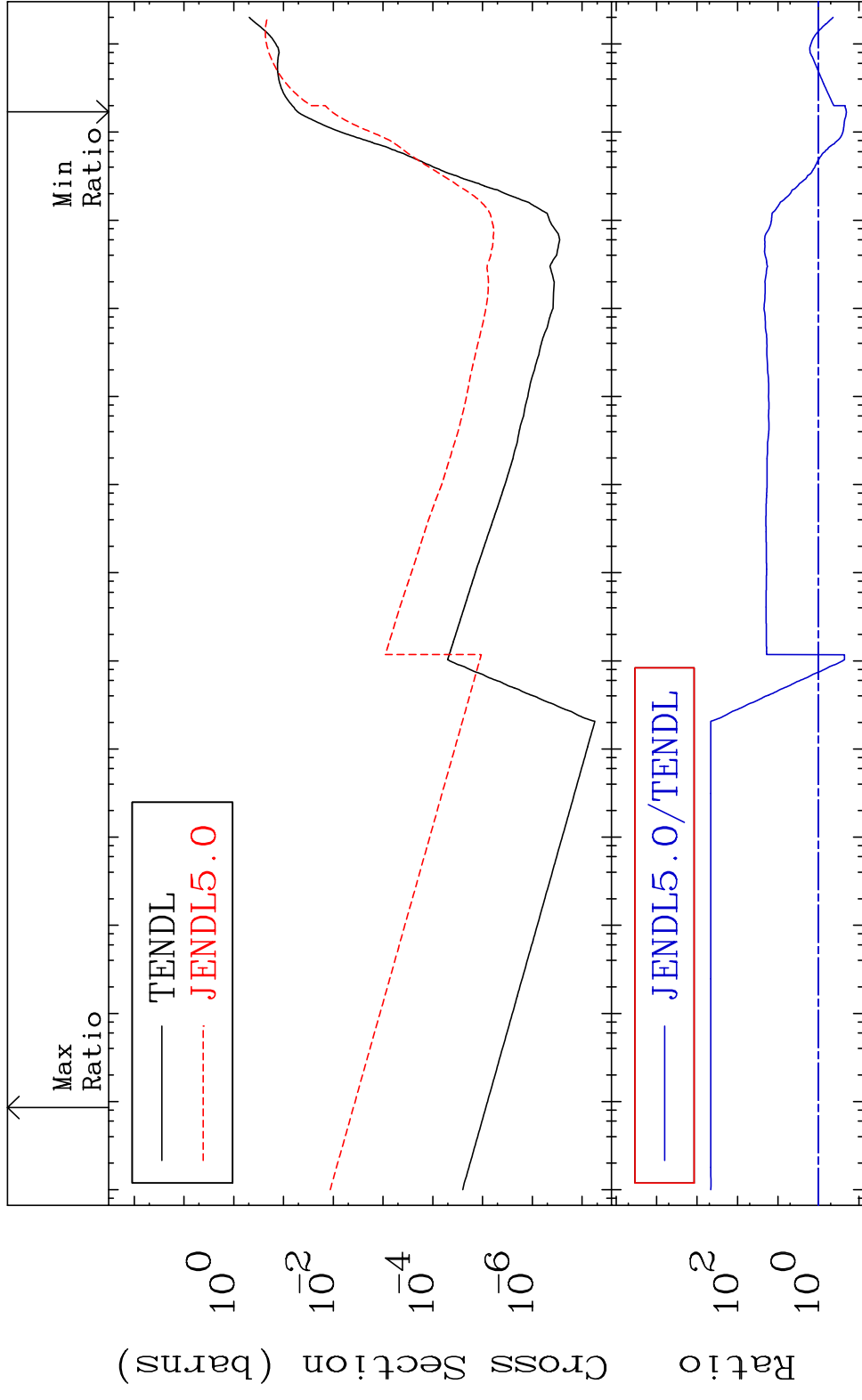


MAT 4634 He-3 Production 46-Pd-105  
 Cross Section -100.0 To 9999. %



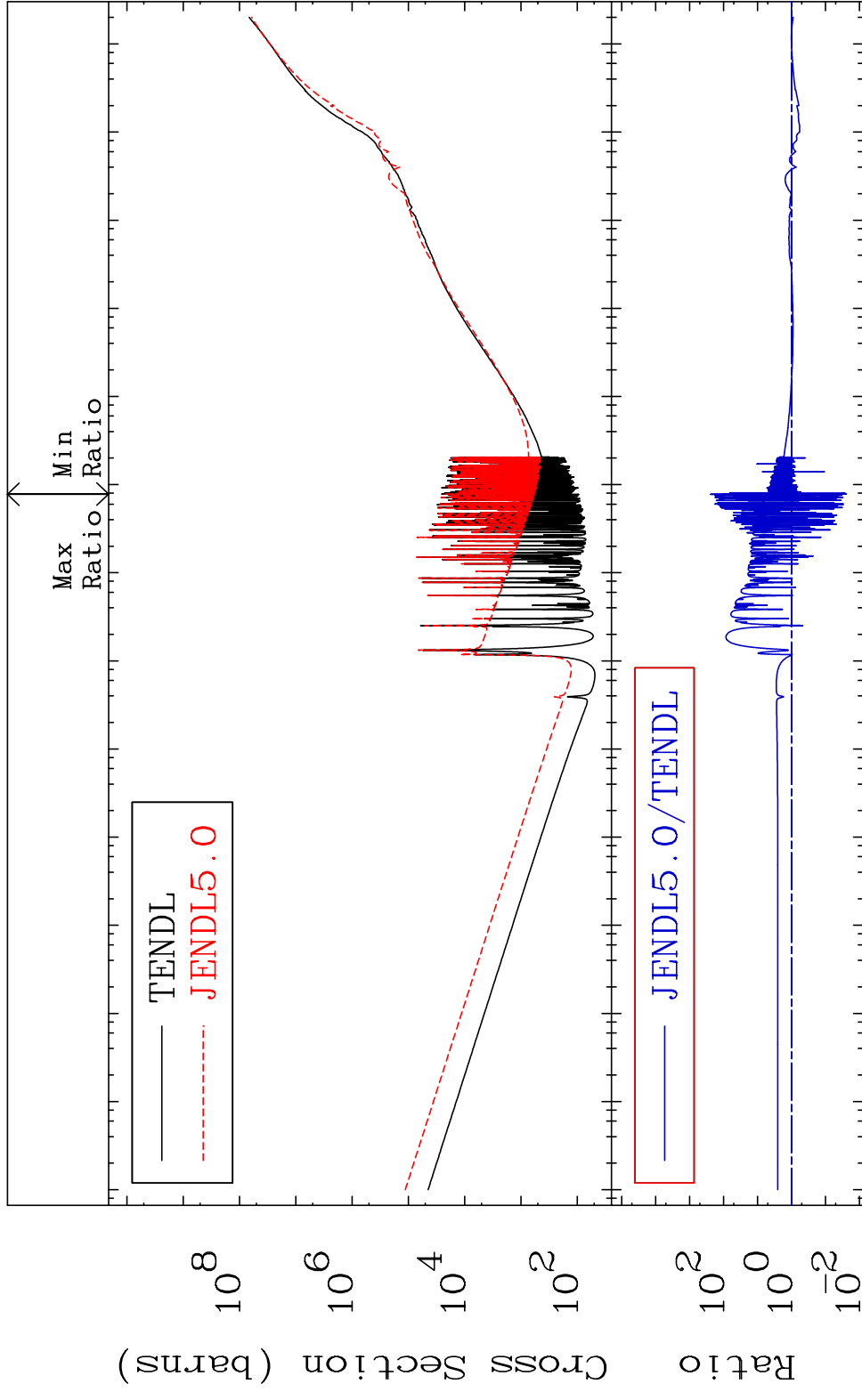
54 Incident Energy (eV) 46-Pd-105

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. %

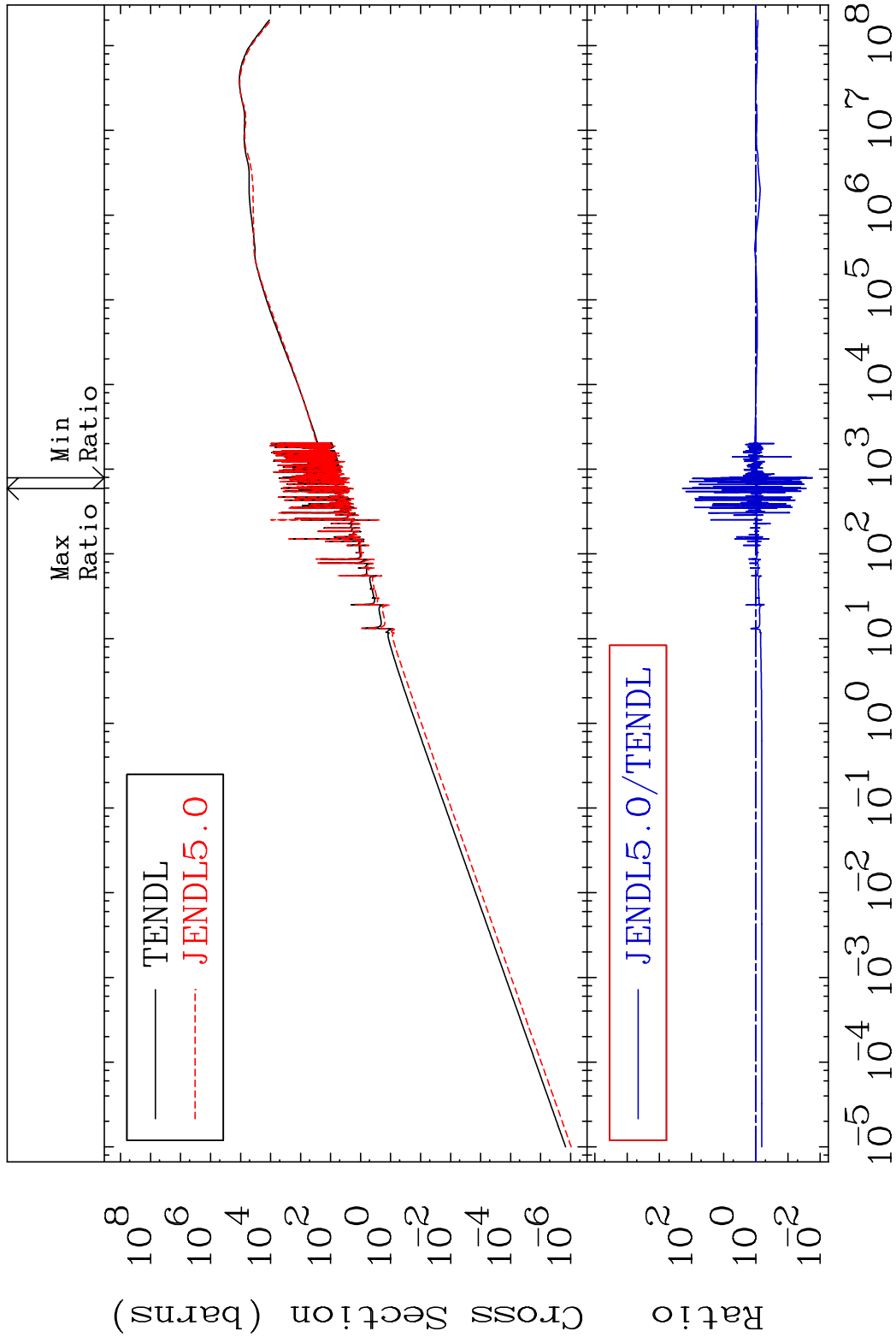


MAT 4634

Kerma elastic

46-Pd-105

Cross Section -98.28 To 9999. %

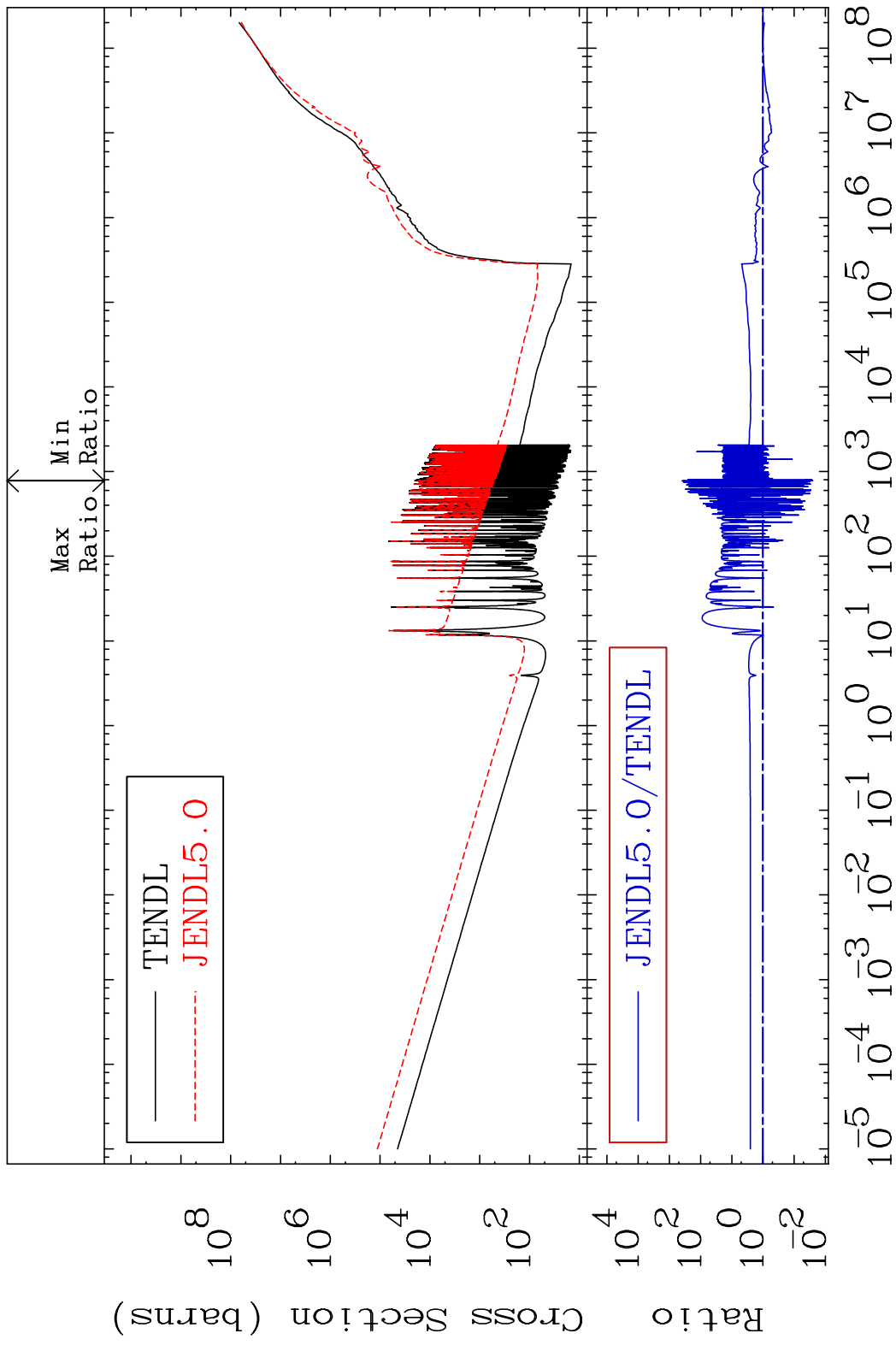


57

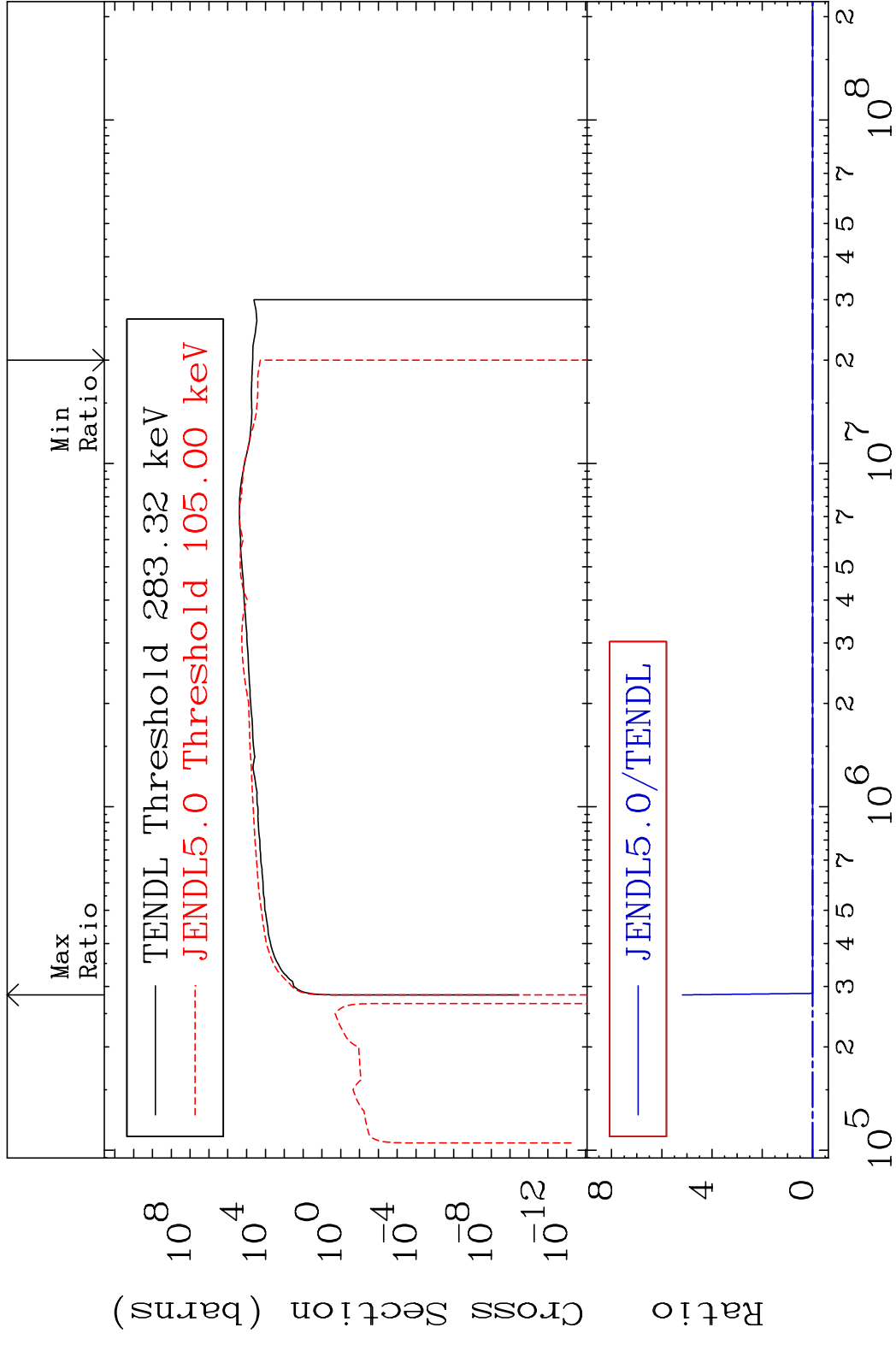
Incident Energy (eV)

46-Pd-105

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

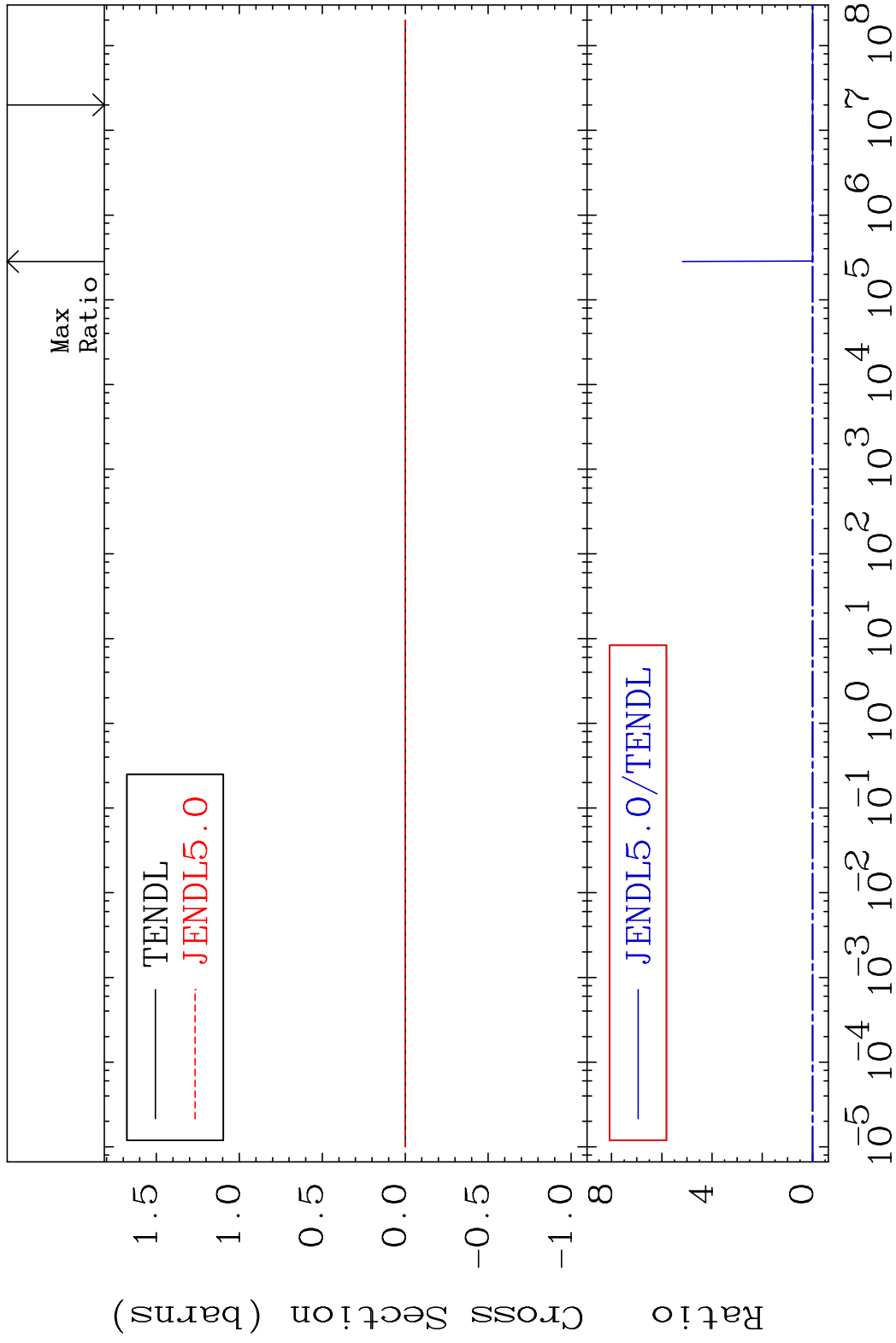


MAT 4634 Kerma inelastic (mt51-91) 46-Pd-105  
 Cross Section -100.0 To 9999. %



59 Incident Energy (eV) 46-Pd-105

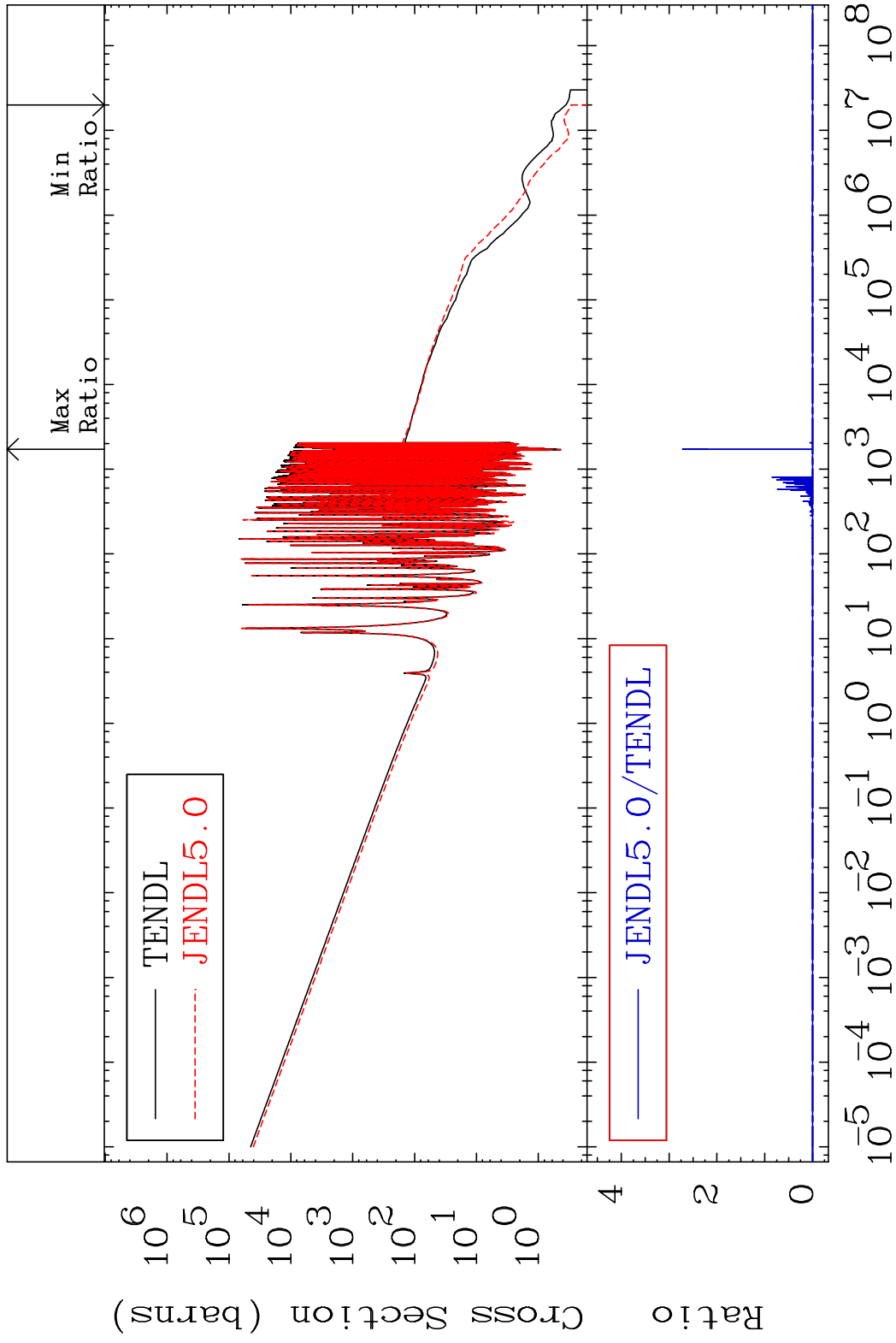
MAT 4634 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-105  
 Cross Section -100.0 To 9999. %



MAT 4634

Kerma capture (mt102) 46-Pd-105

Cross Section -100.0 To 9999. %



Max Ratio

Min Ratio

TENDL

JENDL5.0

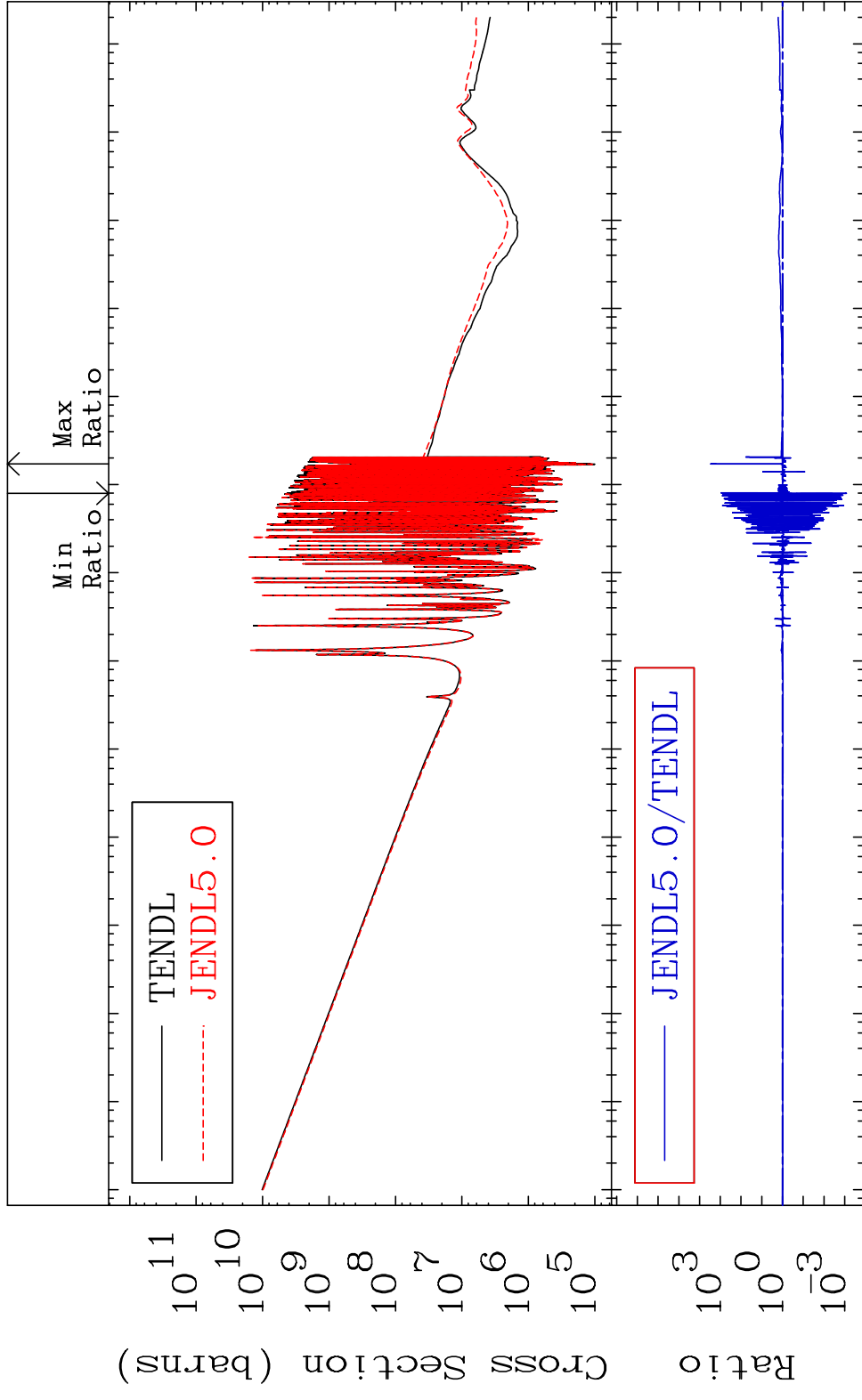
JENDL5.0/TENDL

61

Incident Energy (eV)

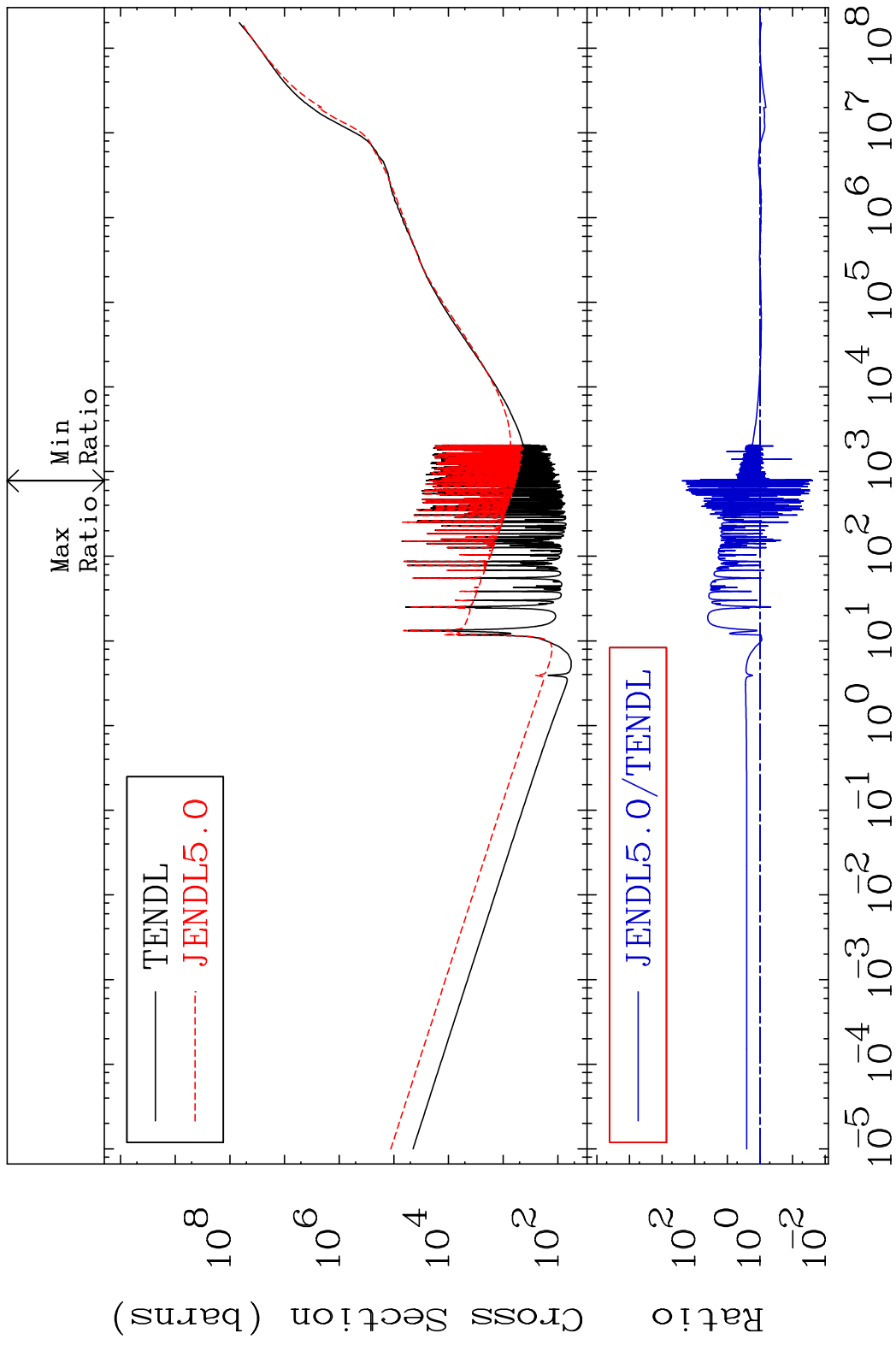
46-Pd-105

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



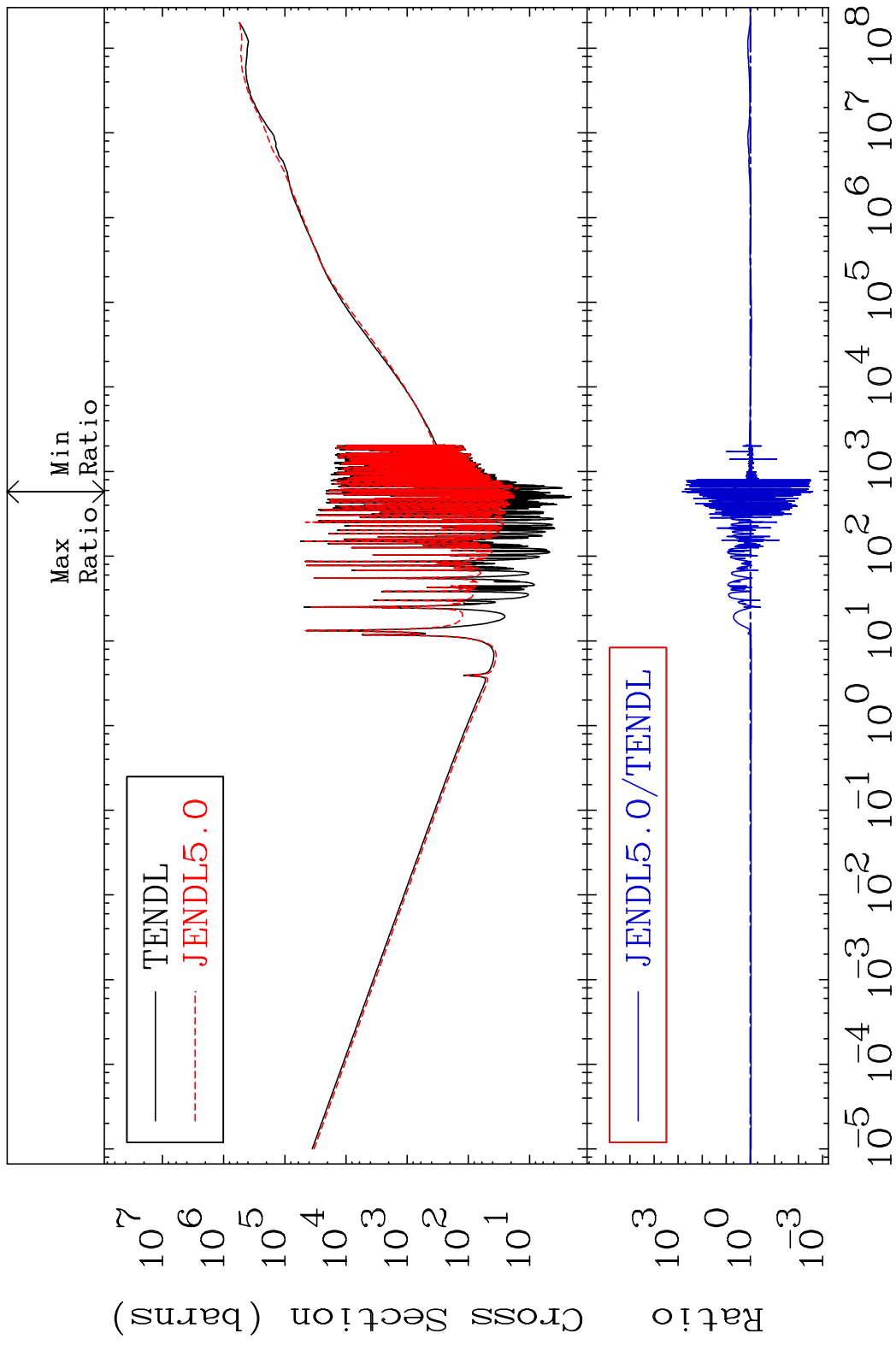
62 Incident Energy (eV) 46-Pd-105

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. %



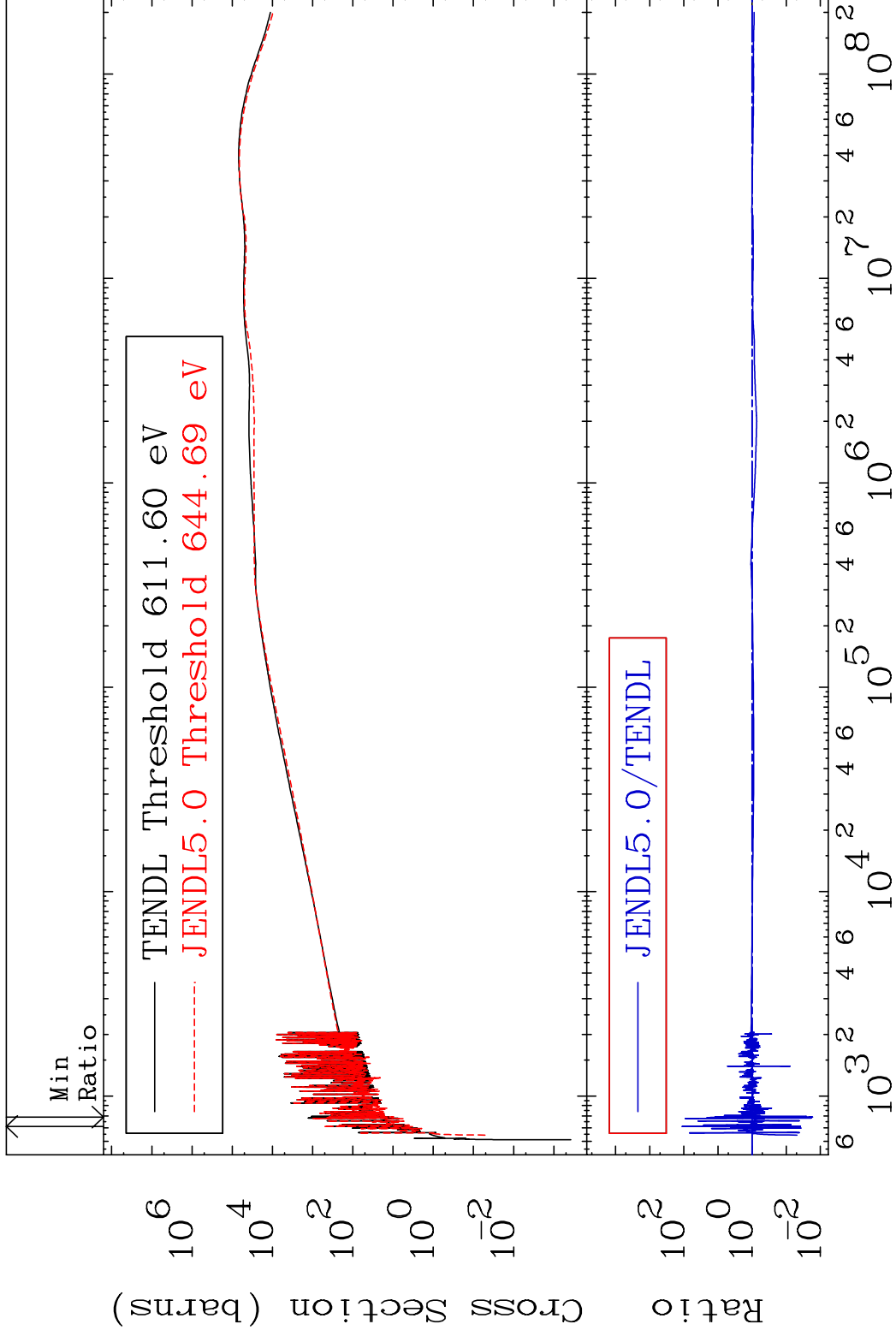
MAT 4634

Dpa elastic (mt2)

46-Pd-105

Cross Section

-98.29 To 9999. %



65

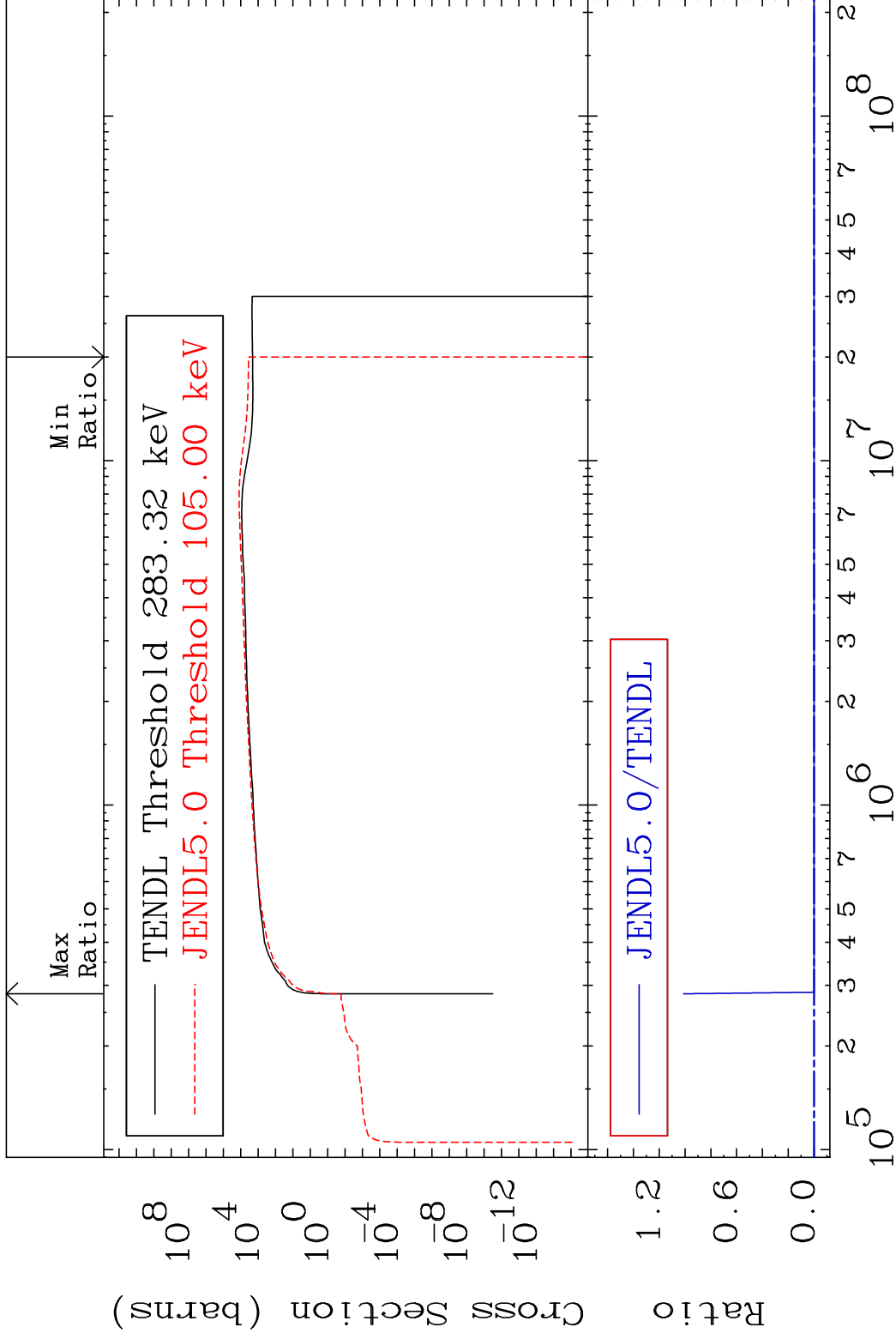
Incident Energy (eV)

46-Pd-105

MAT 4634

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

Cross Section -100.0 To 9999. %

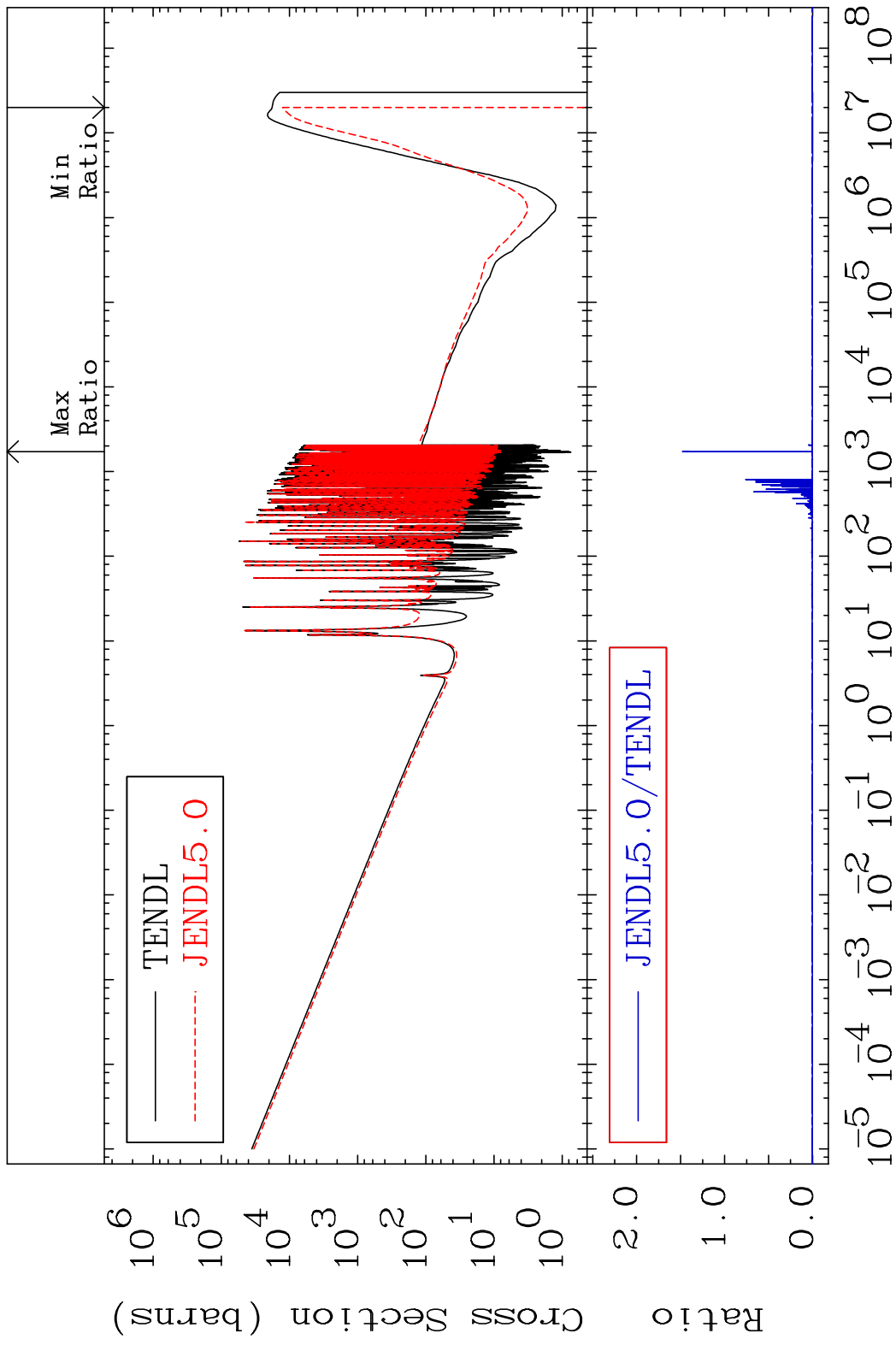


66

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