

Program Complot
(Version 2018-1)

by

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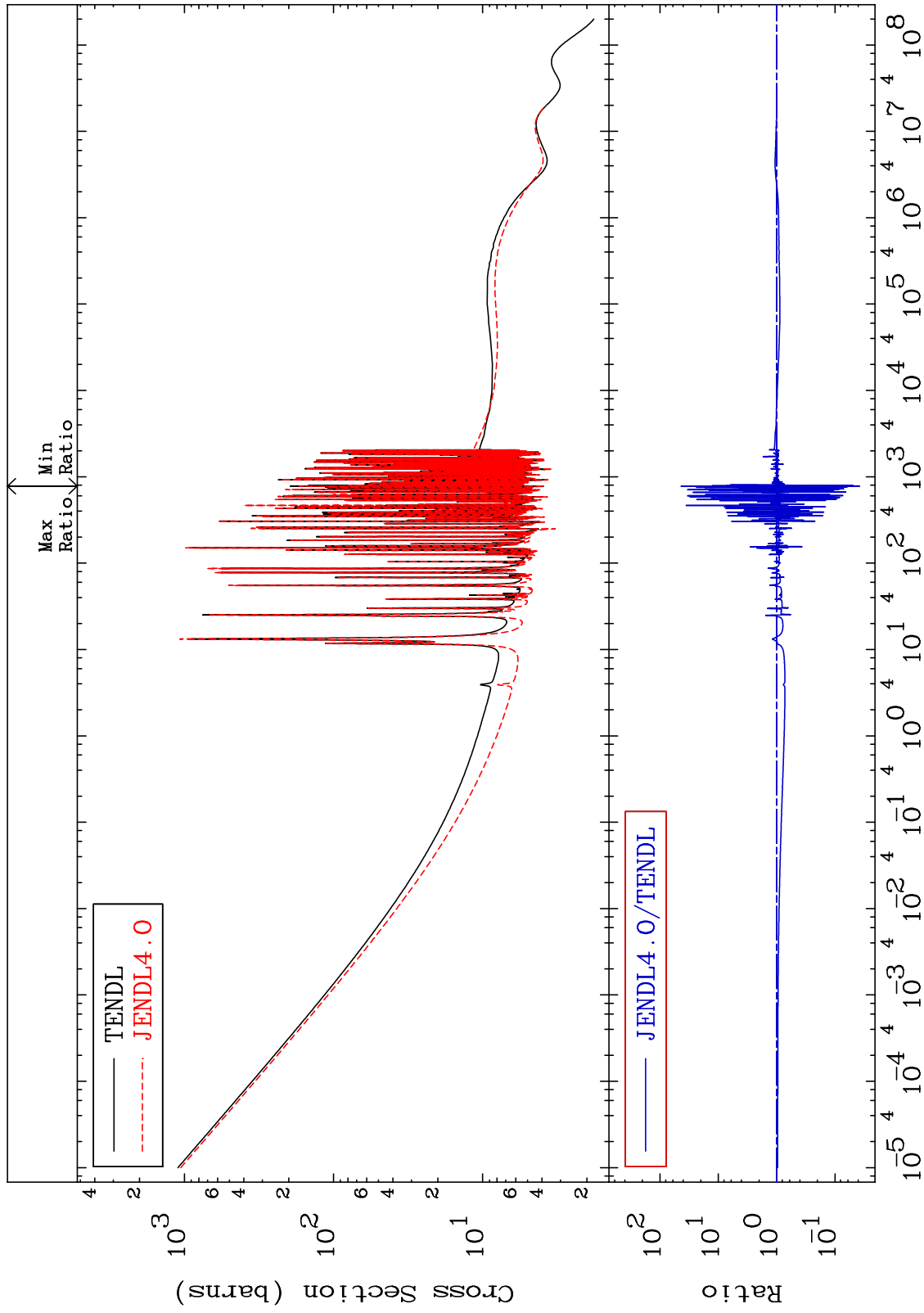
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4634

Total
Cross Section

46-Pd-105
-96.25 To 4216. %

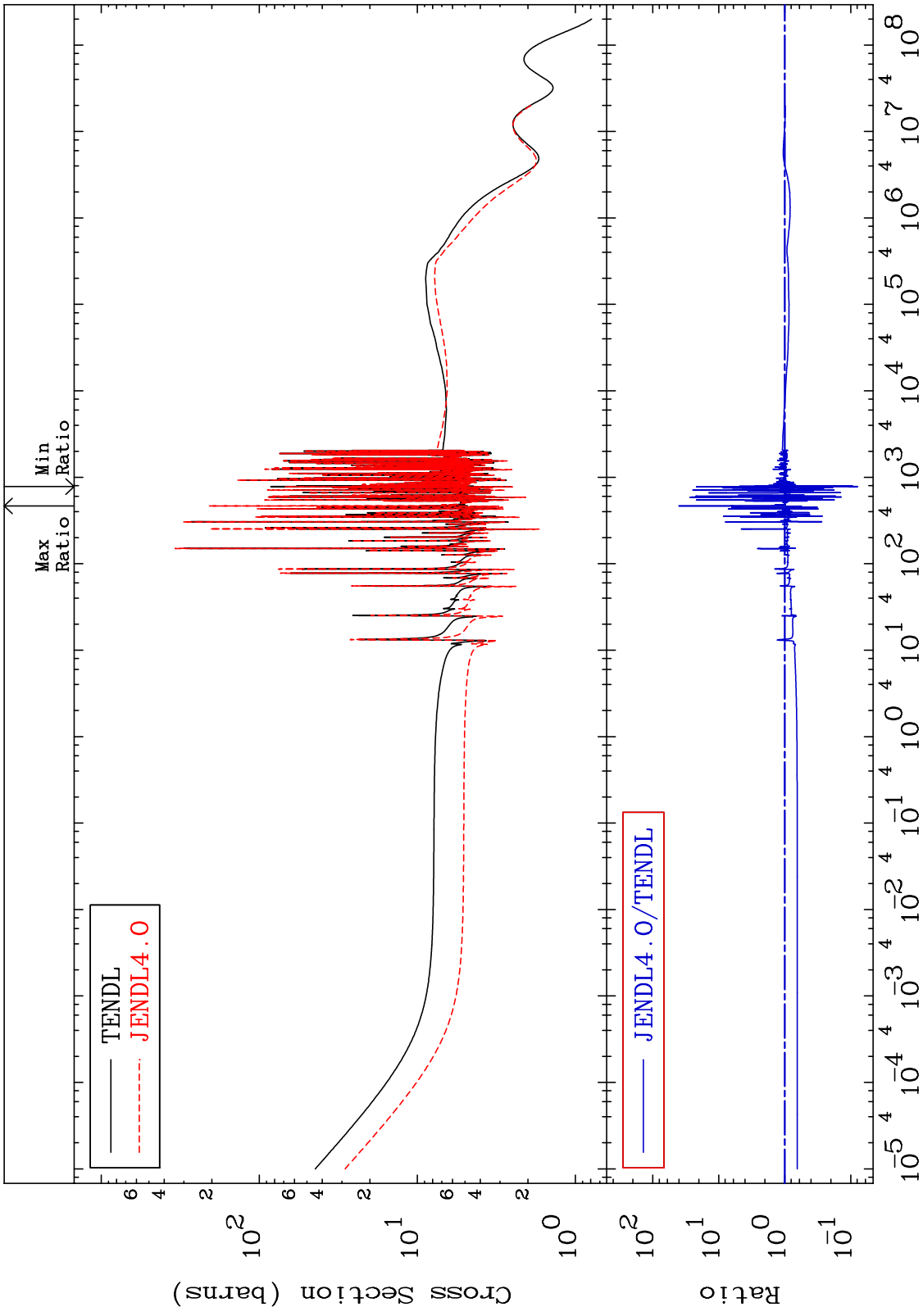


1

Incident Energy (eV)

46-Pd-105

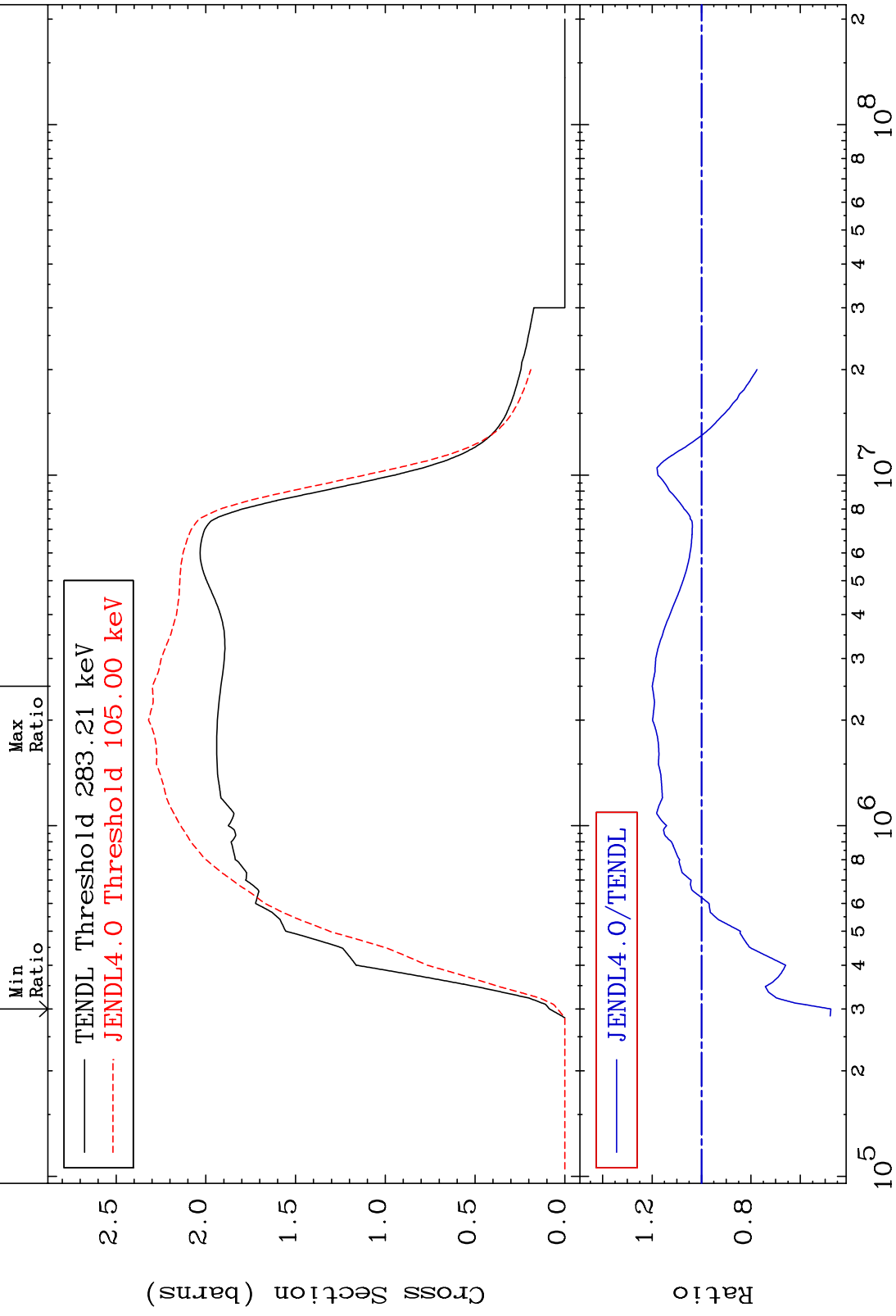
MAT 4634 Elastic Cross Section 46-Pd-105 -92.19 To 3903. %



46-Pd-105

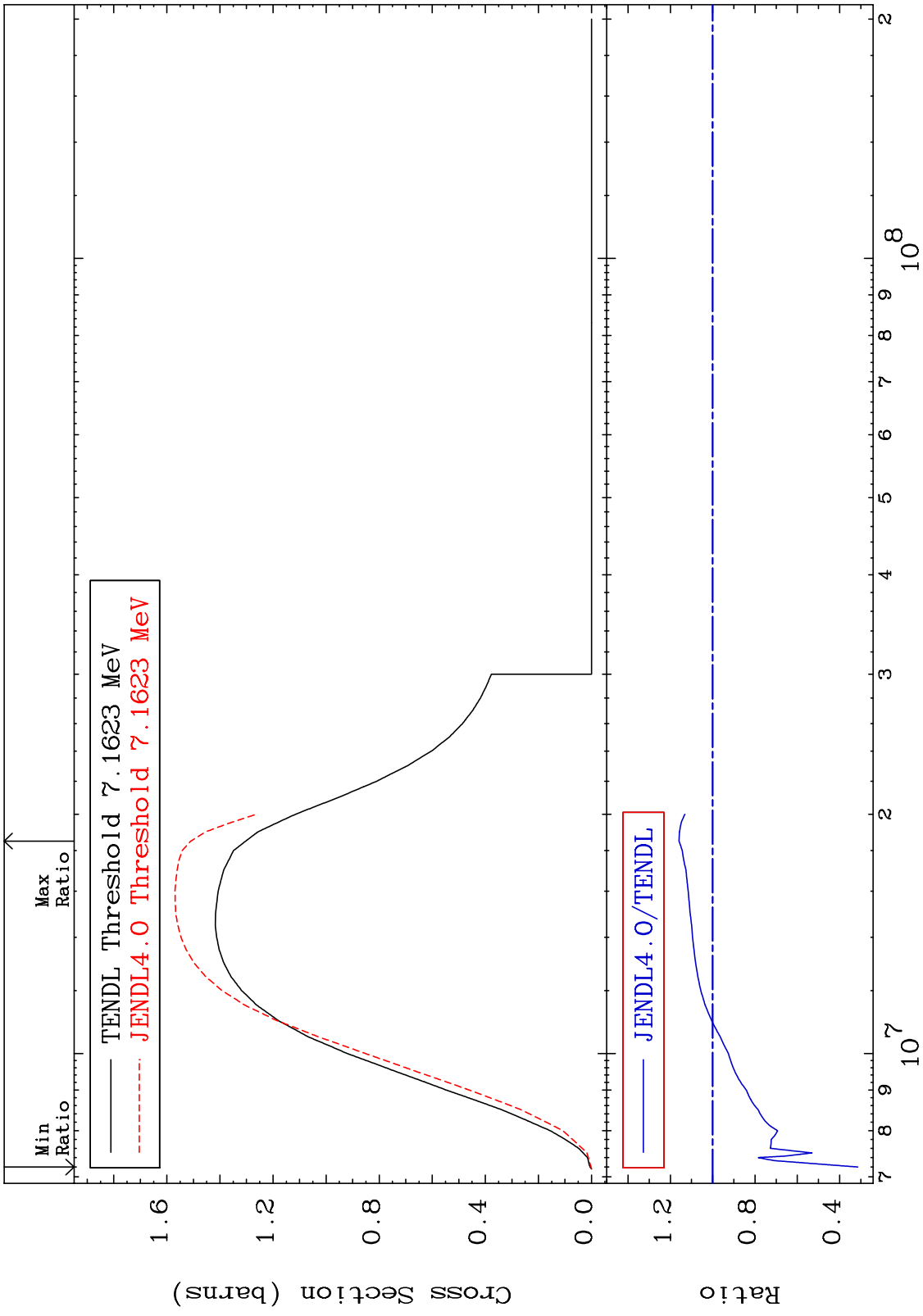
MAT 4634 46-Pd-105 -52.36 To 19.94 %

Inelastic Cross Section



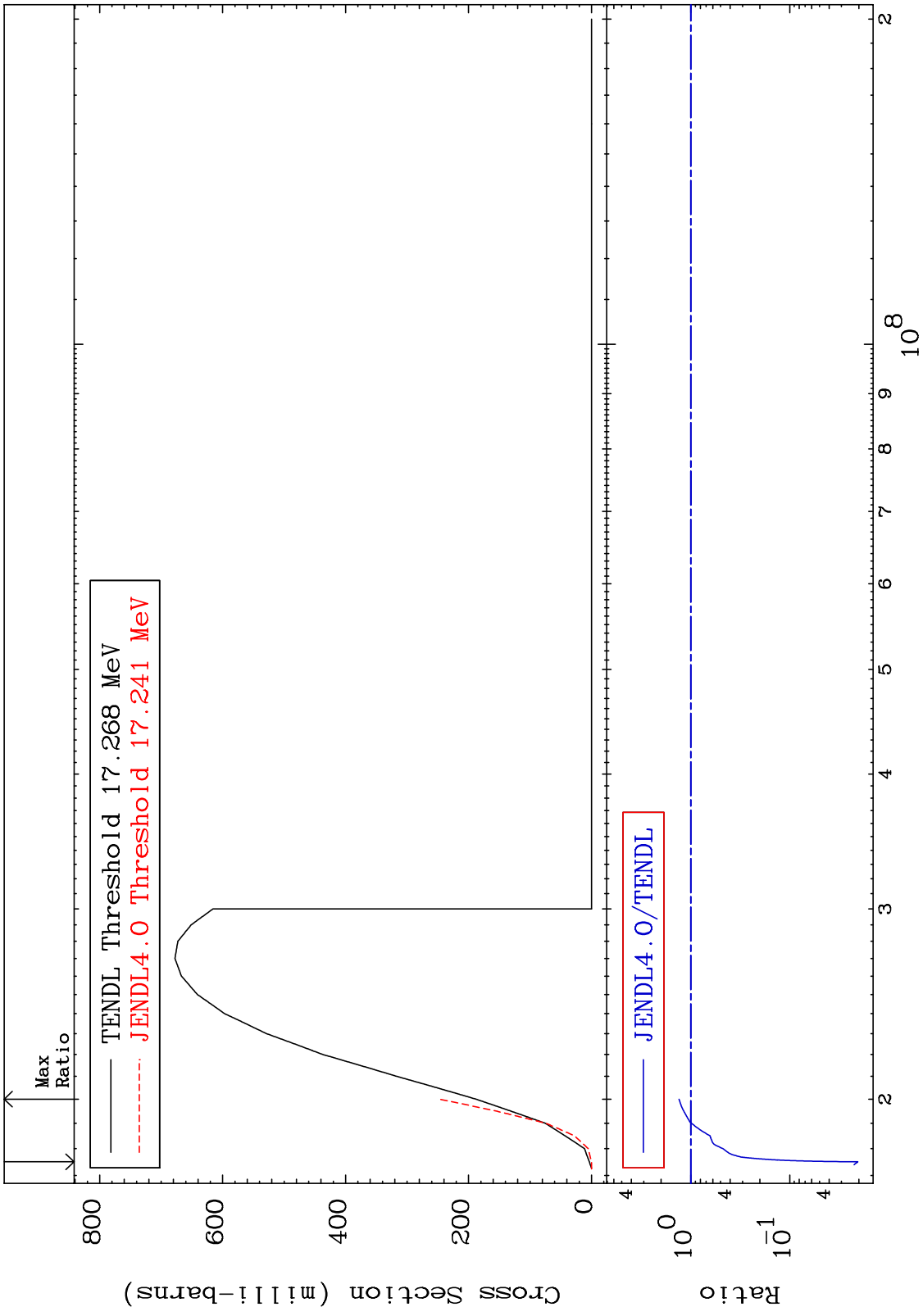
46-Pd-105

MAT 4634 (n,2n) Cross Section 46-Pd-105 -68.61 To 15.89 %

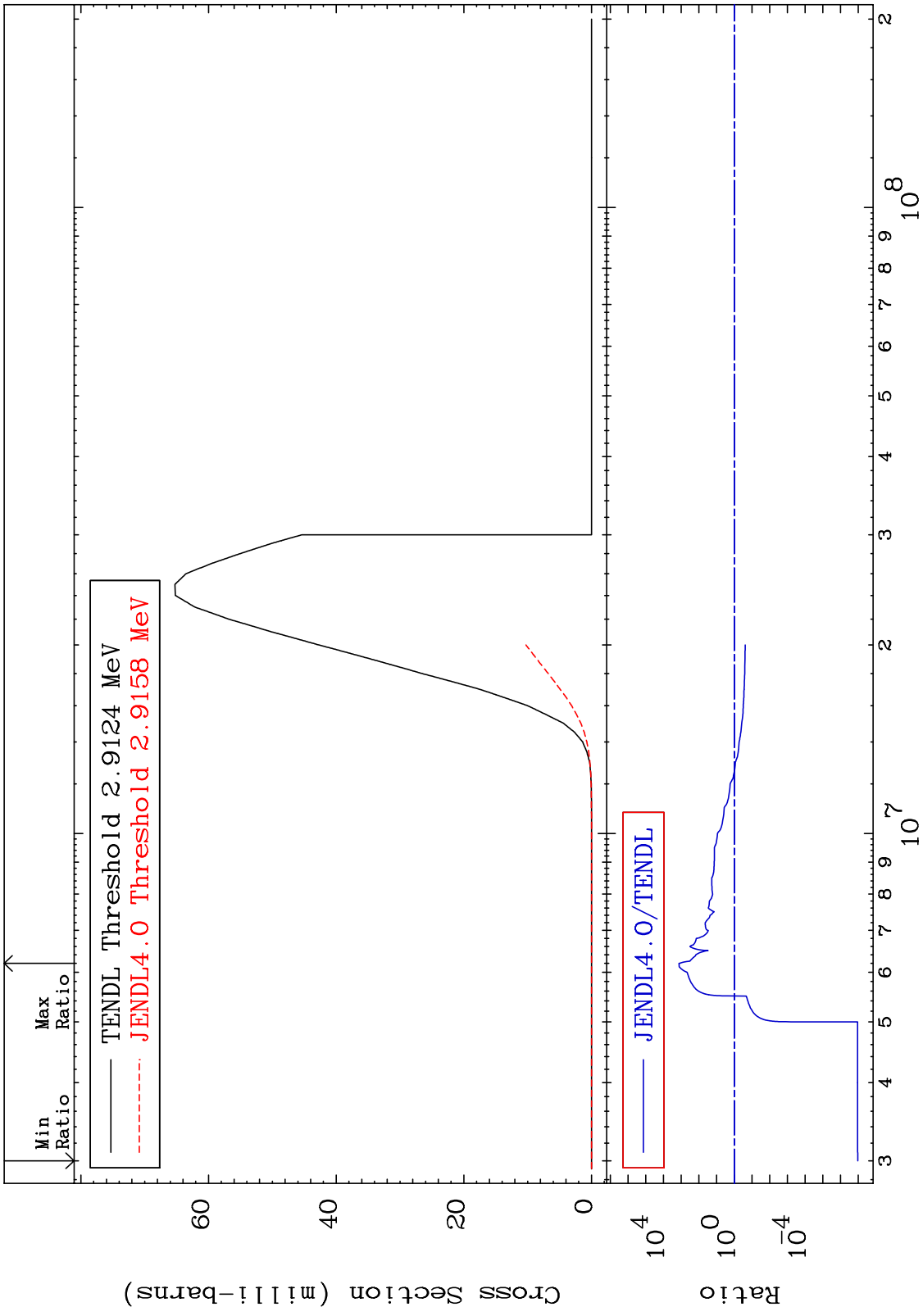


4 46-Pd-105

MAT 4634 (n,3n) Cross Section 46-Pd-105 -97.95 To 31.66 %

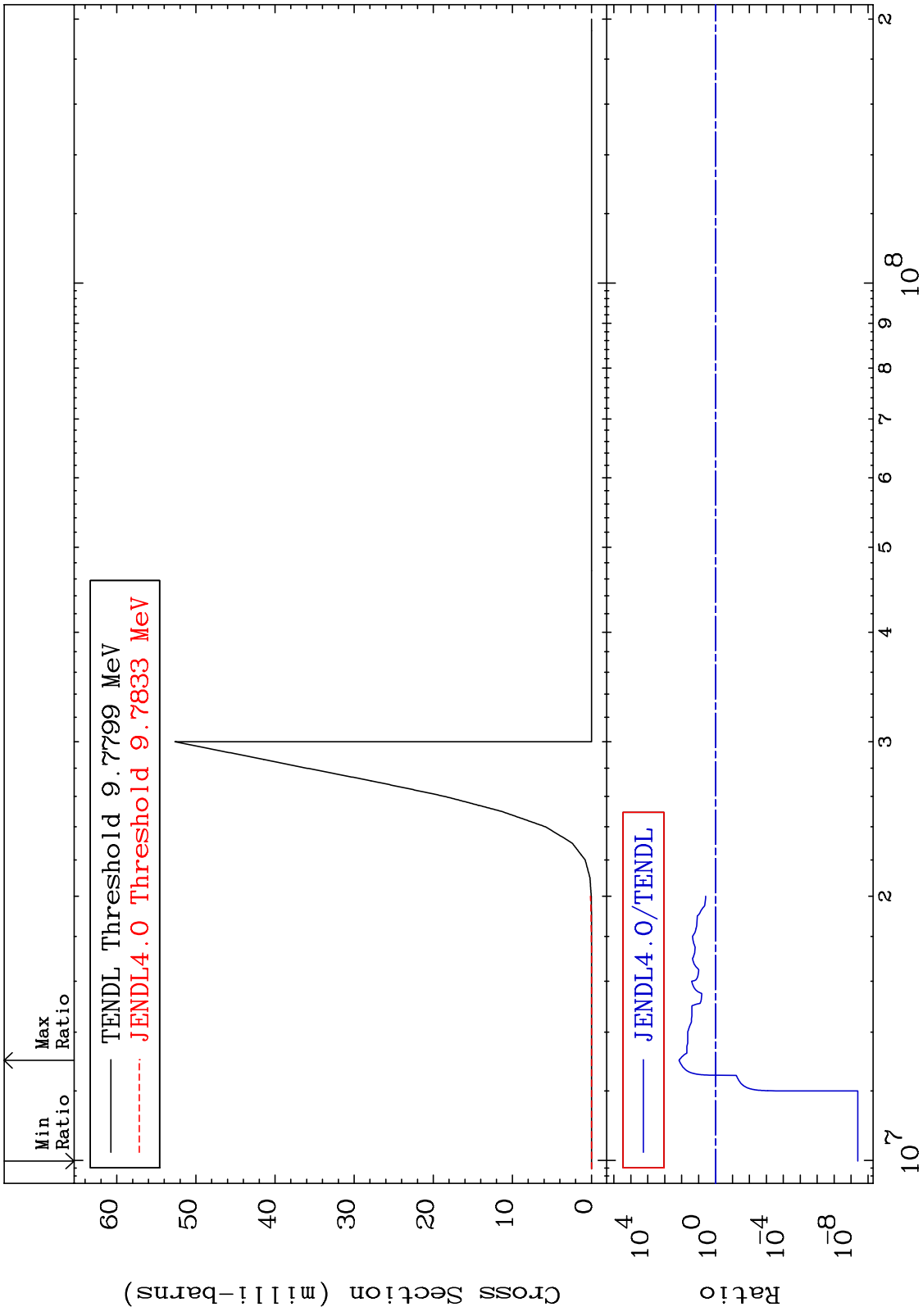


MAT 4634 $(n, n') \alpha$ 46-Pd-105
 Cross Section -100.0 To 9999. %



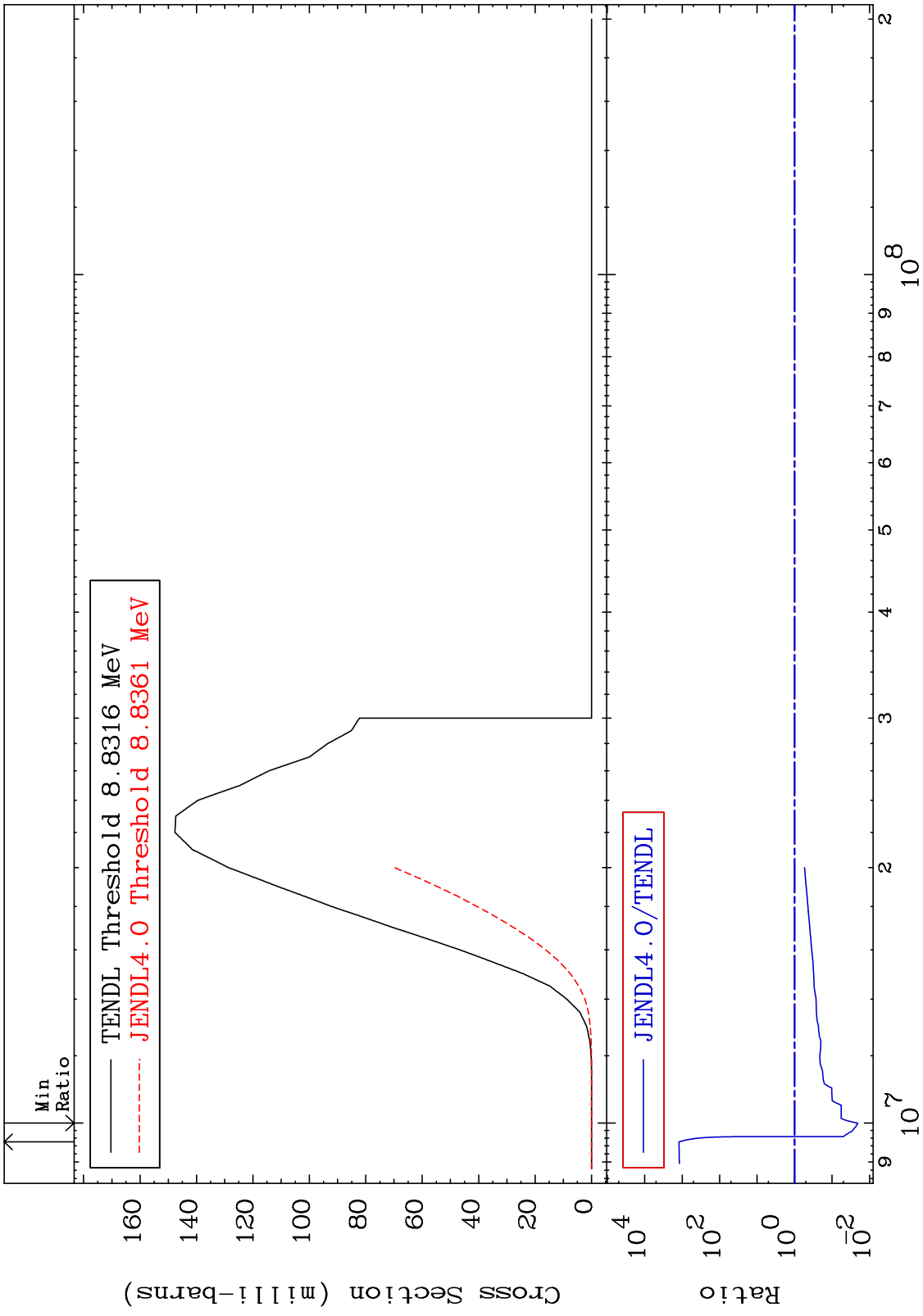
6 Incident Energy (eV) 46-Pd-105

MAT 4634 (n,2n) α 46-Pd-105
 Cross Section -100.0 To 9999. %



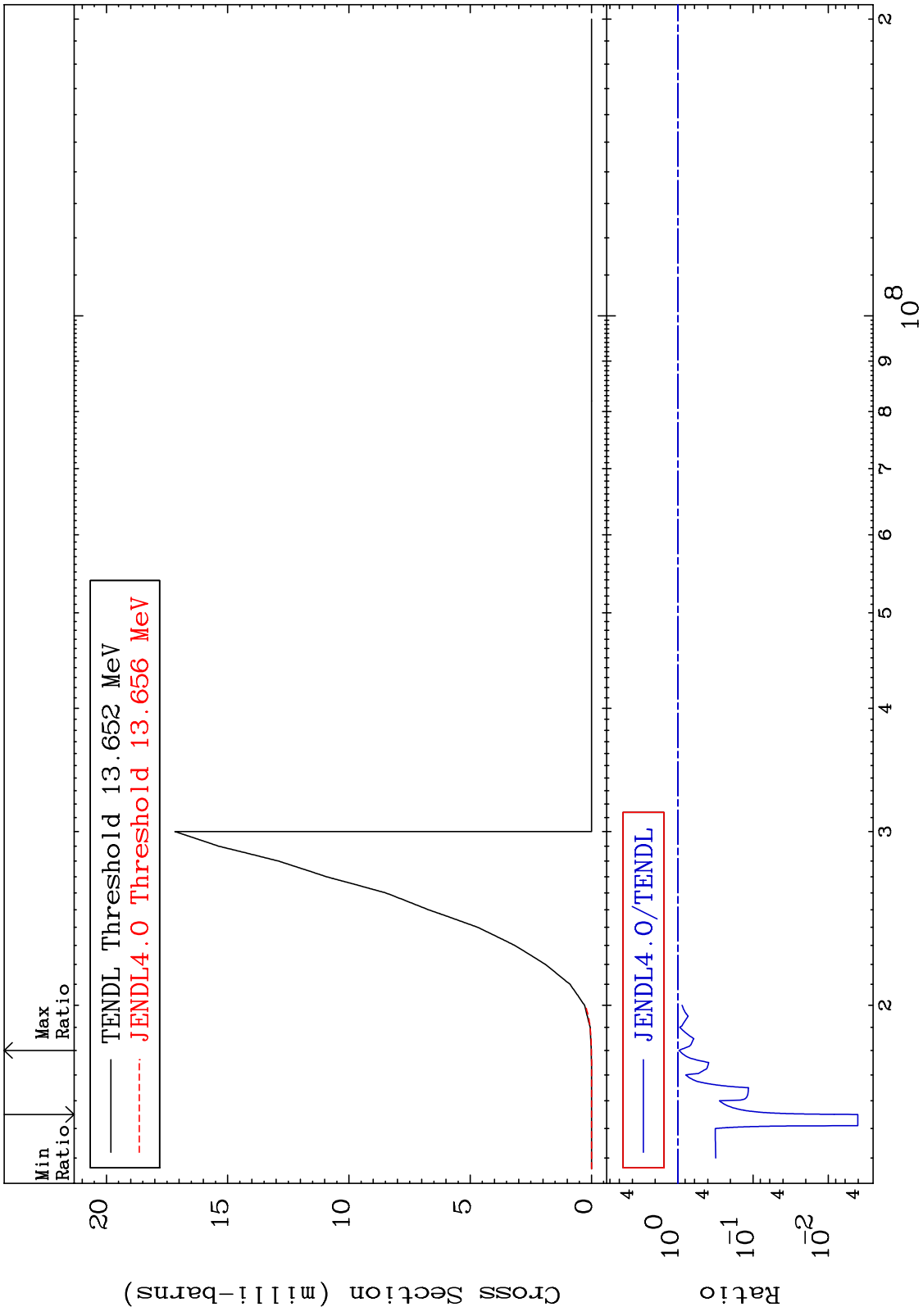
46-Pd-105

MAT 4634 (n,n') p 46-Pd-105
Cross Section -97.95 To 9999. %

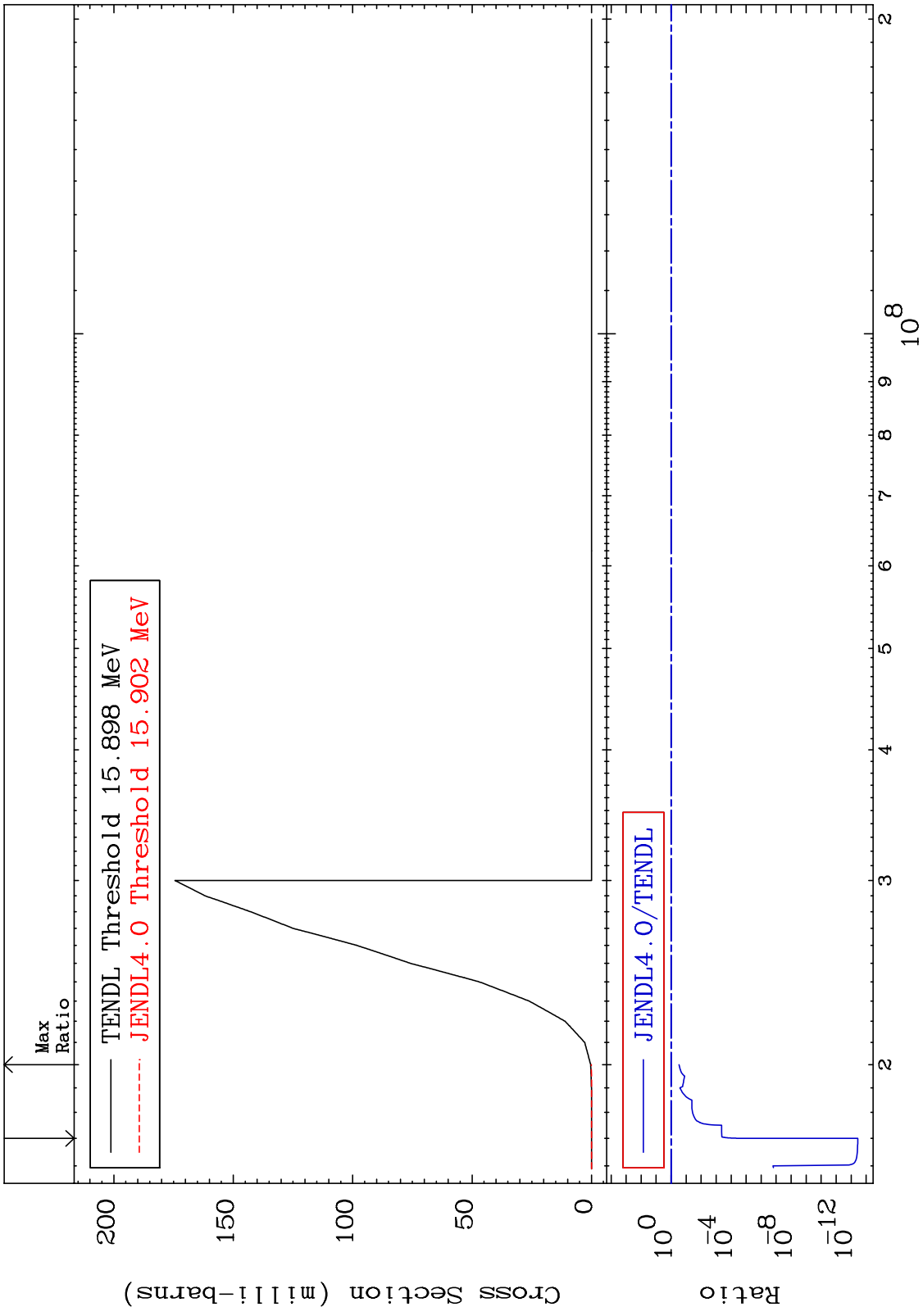


8 Incident Energy (eV) 46-Pd-105

MAT 4634 (n, n') d 46-Pd-105
 Cross Section -99.59 To -3.676%

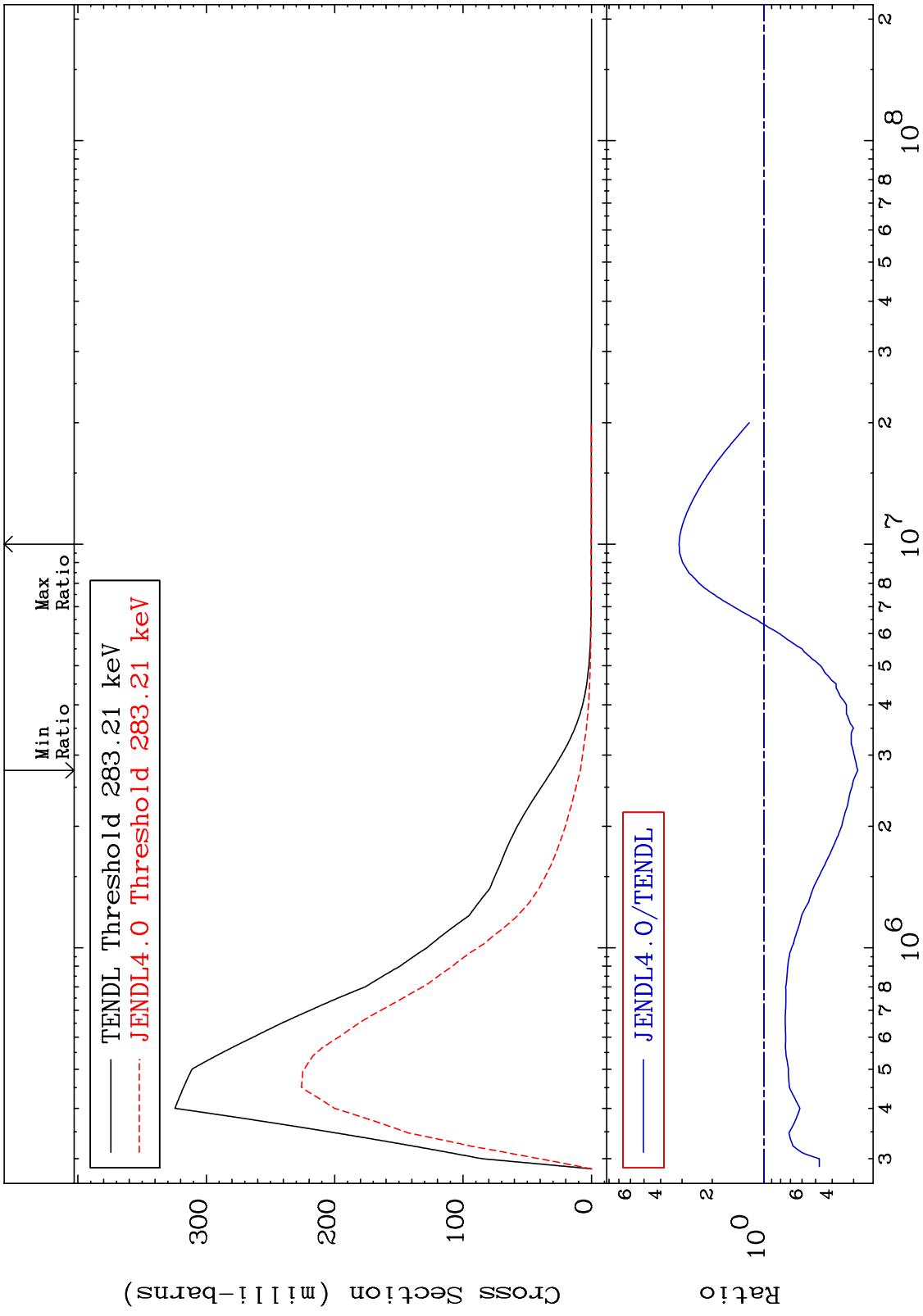


MAT 4634 (n,2n) p 46-Pd-105
 Cross Section -100.0 To -70.40%

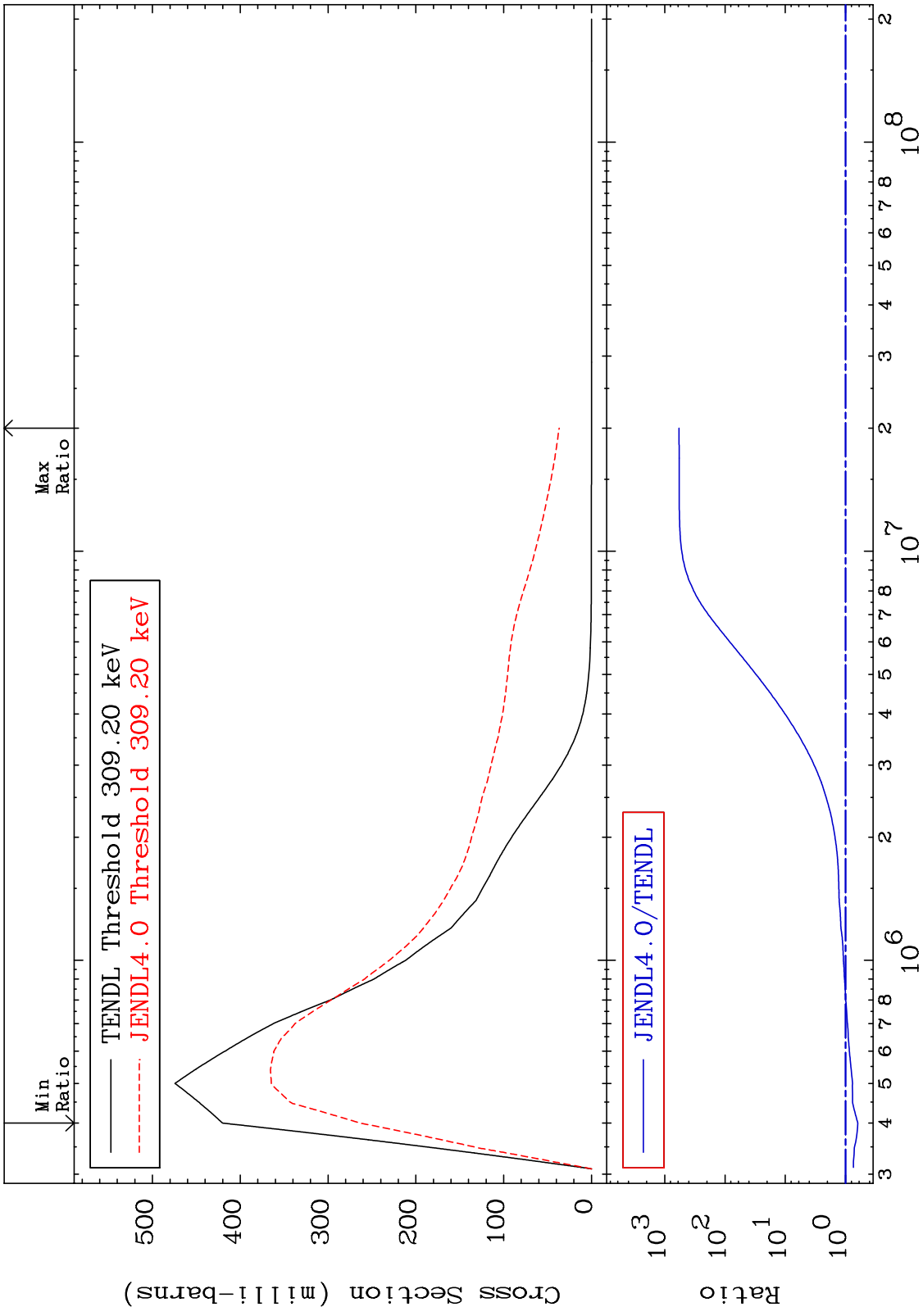


10 46-Pd-105

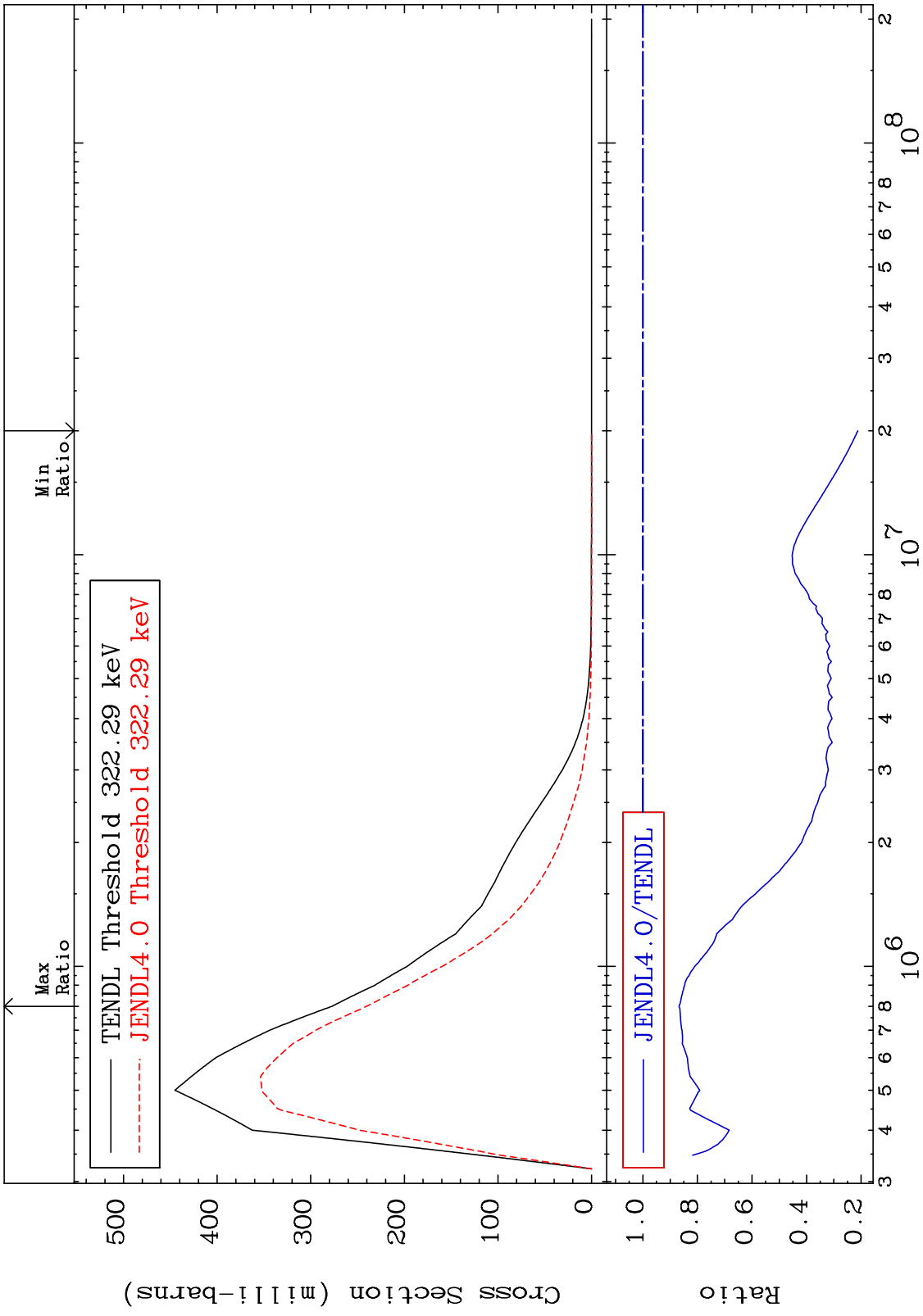
MAT 4634 MT= 51 (n,n') Level Cross Section -71.66 To 212.5 % 46-Pd-105



MAT 4634 MT= 52 (n,n') Level Cross Section 46-Pd-105
 -37.29 To 9999. %

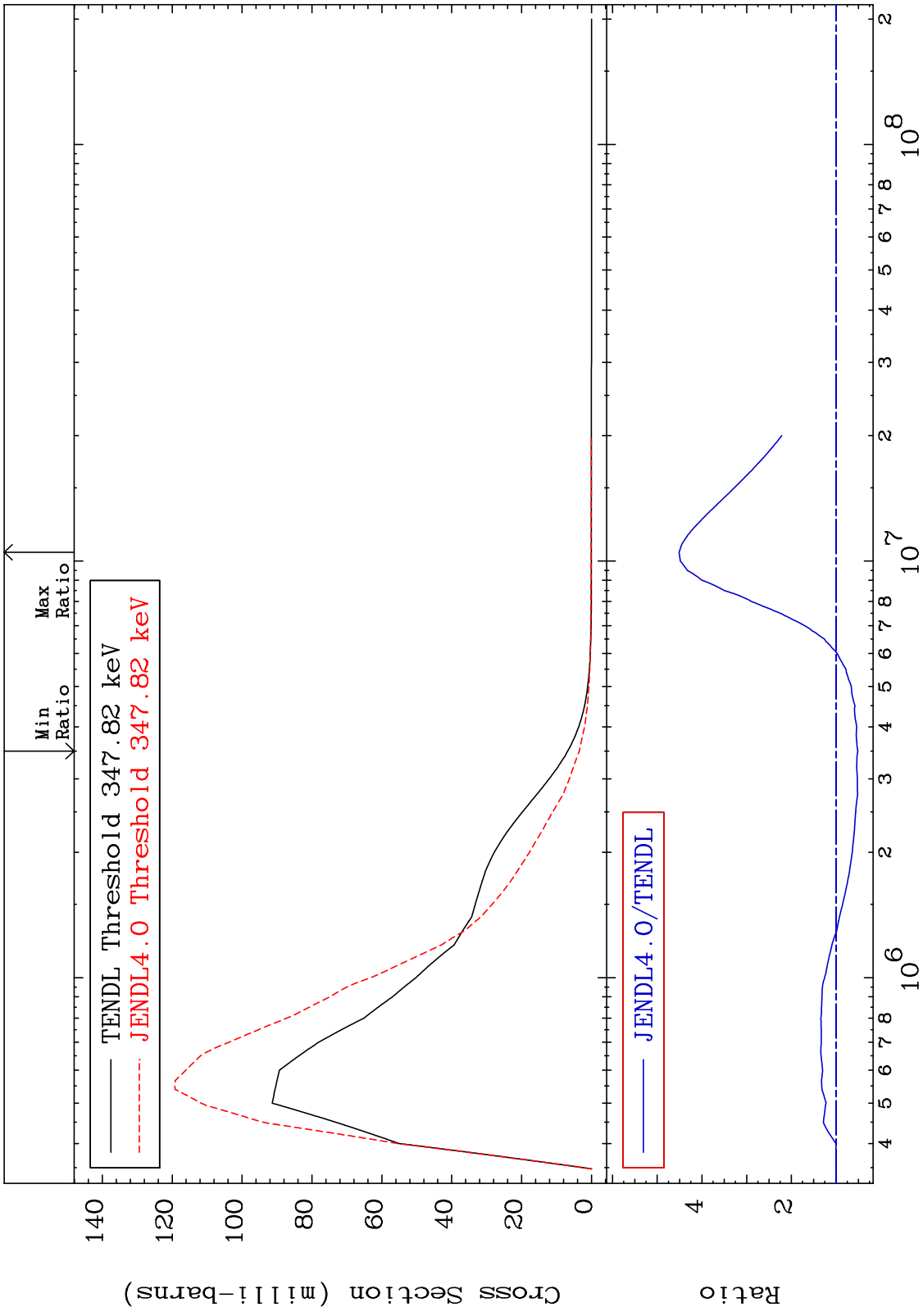


MAT 4634 MT= 53 (n,n') Level Cross Section 46-Pd-105
 -78.80 To -13.26%



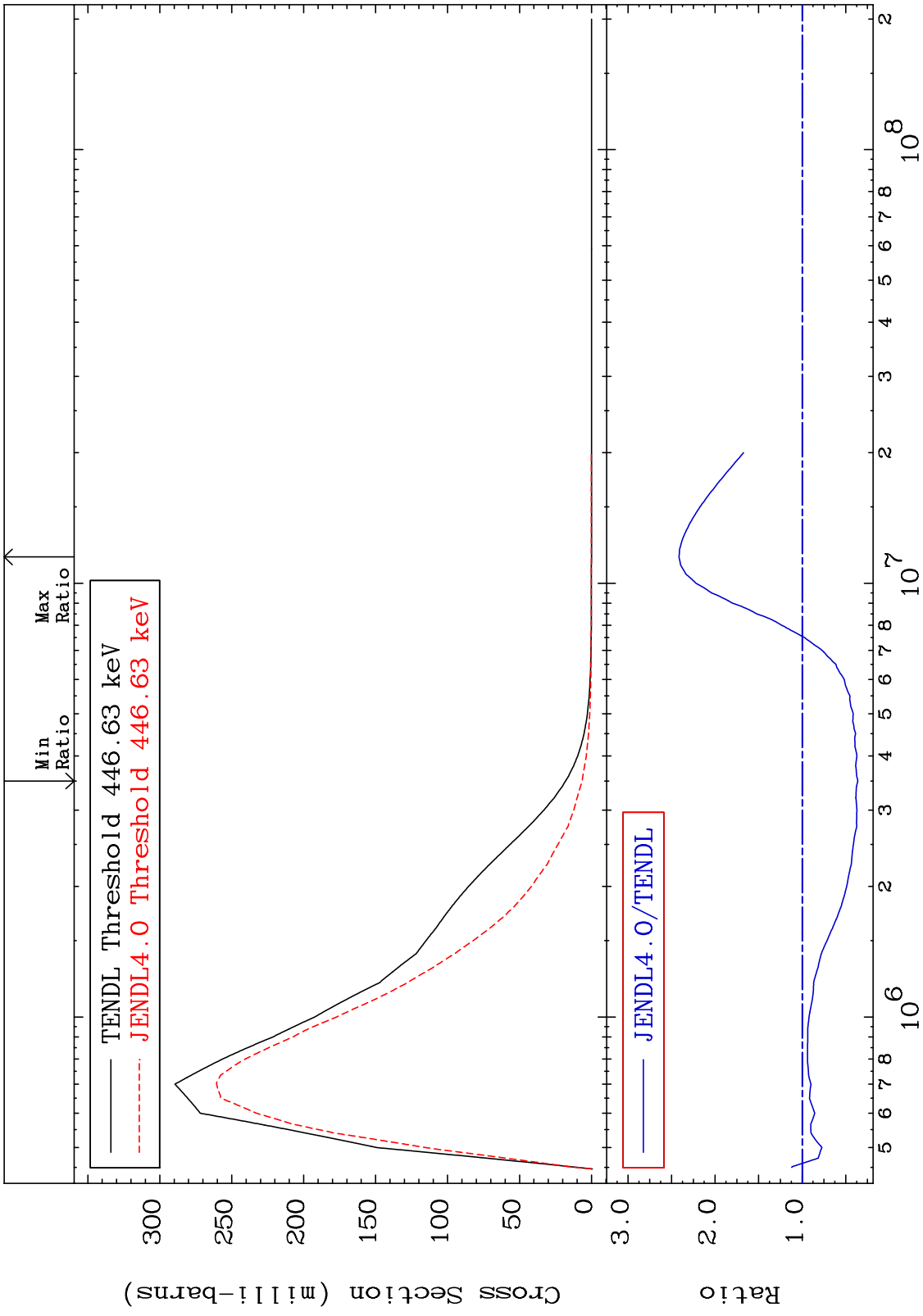
13 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 54 (n,n') Level 46-Pd-105
 Cross Section -48.70 To 351.2 %

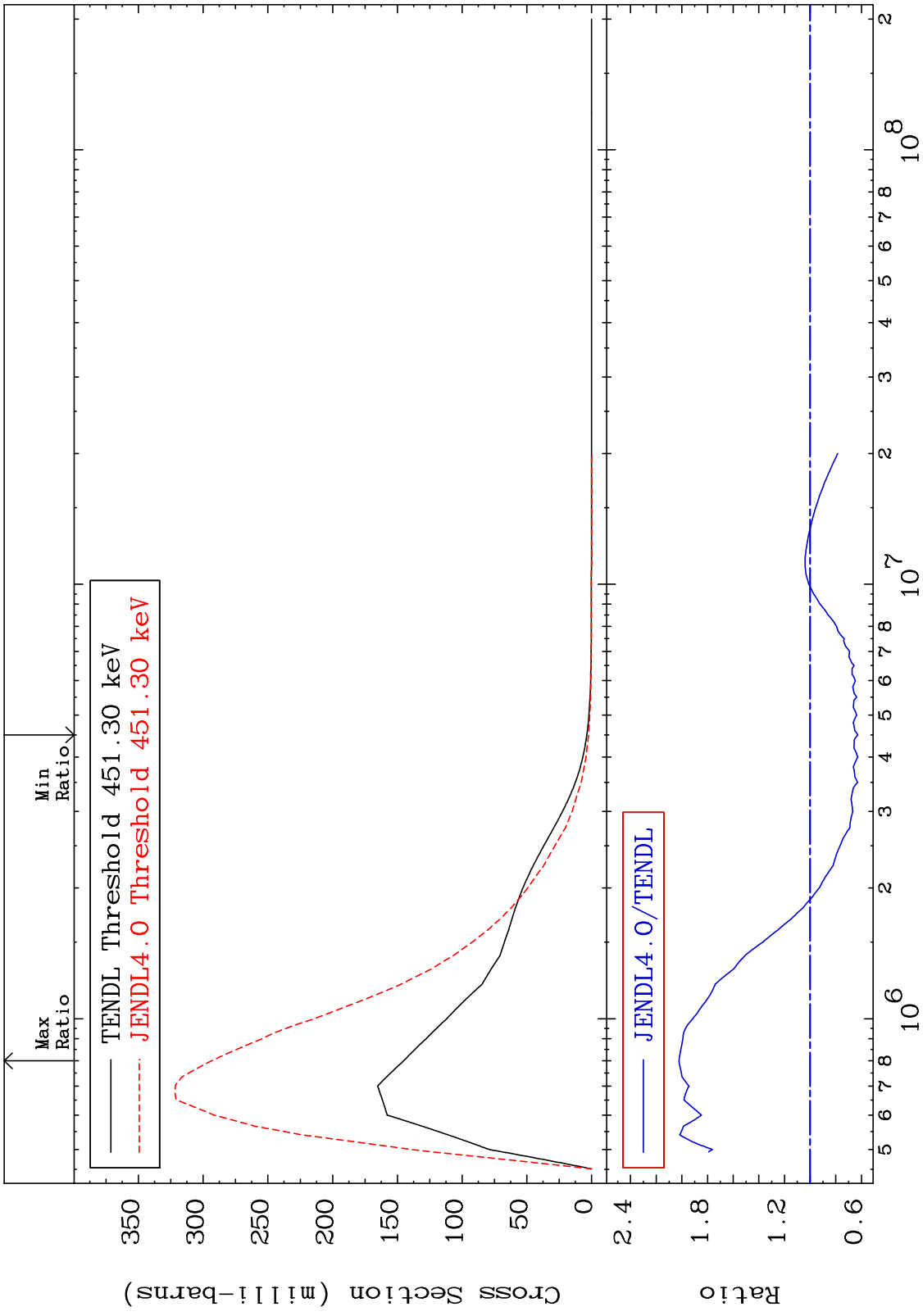


14 Incident Energy (eV) 46-Pd-105

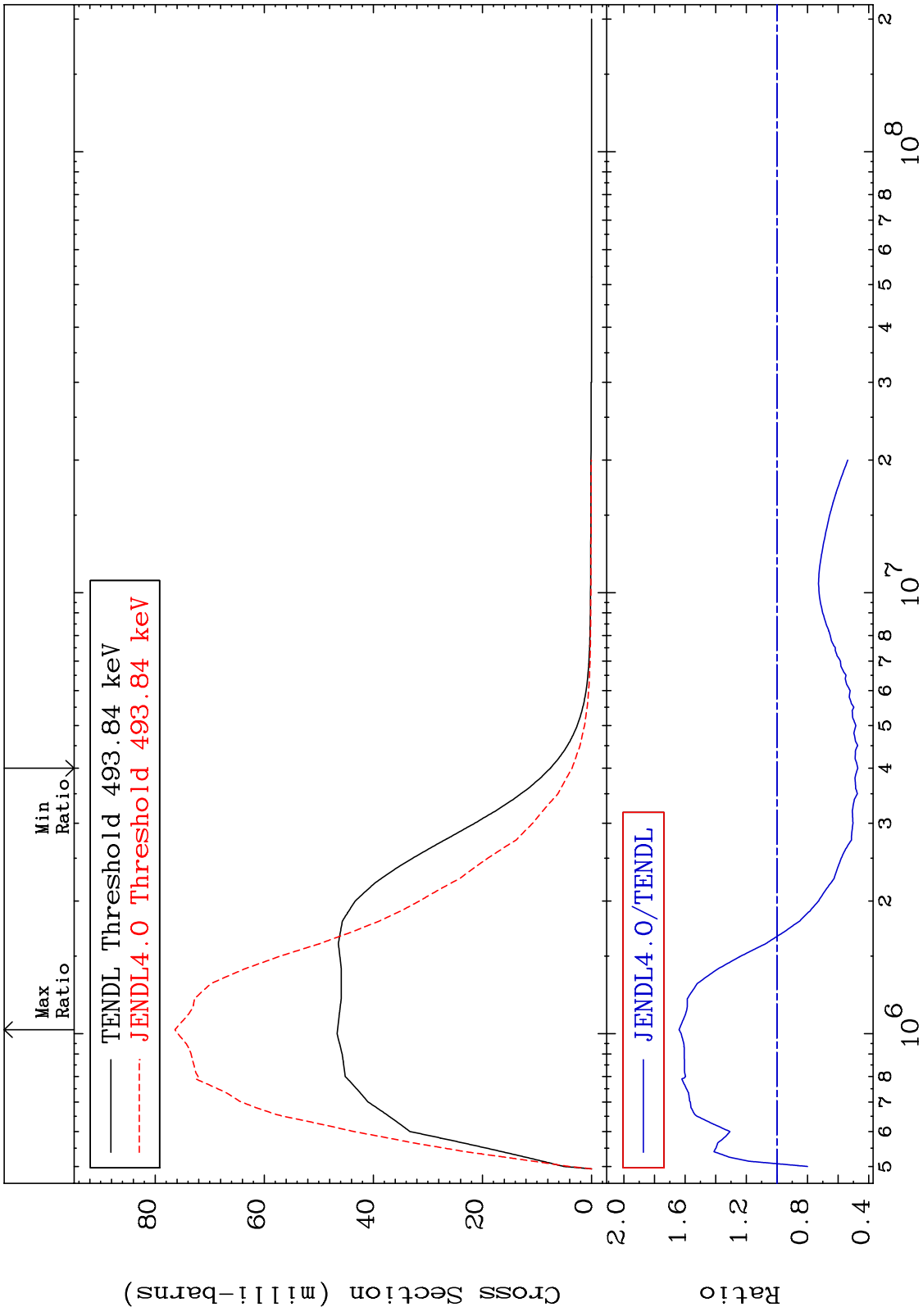
MAT 4634 MT= 55 (n,n') Level Cross Section 46-Pd-105
 -63.89 To 141.4 %



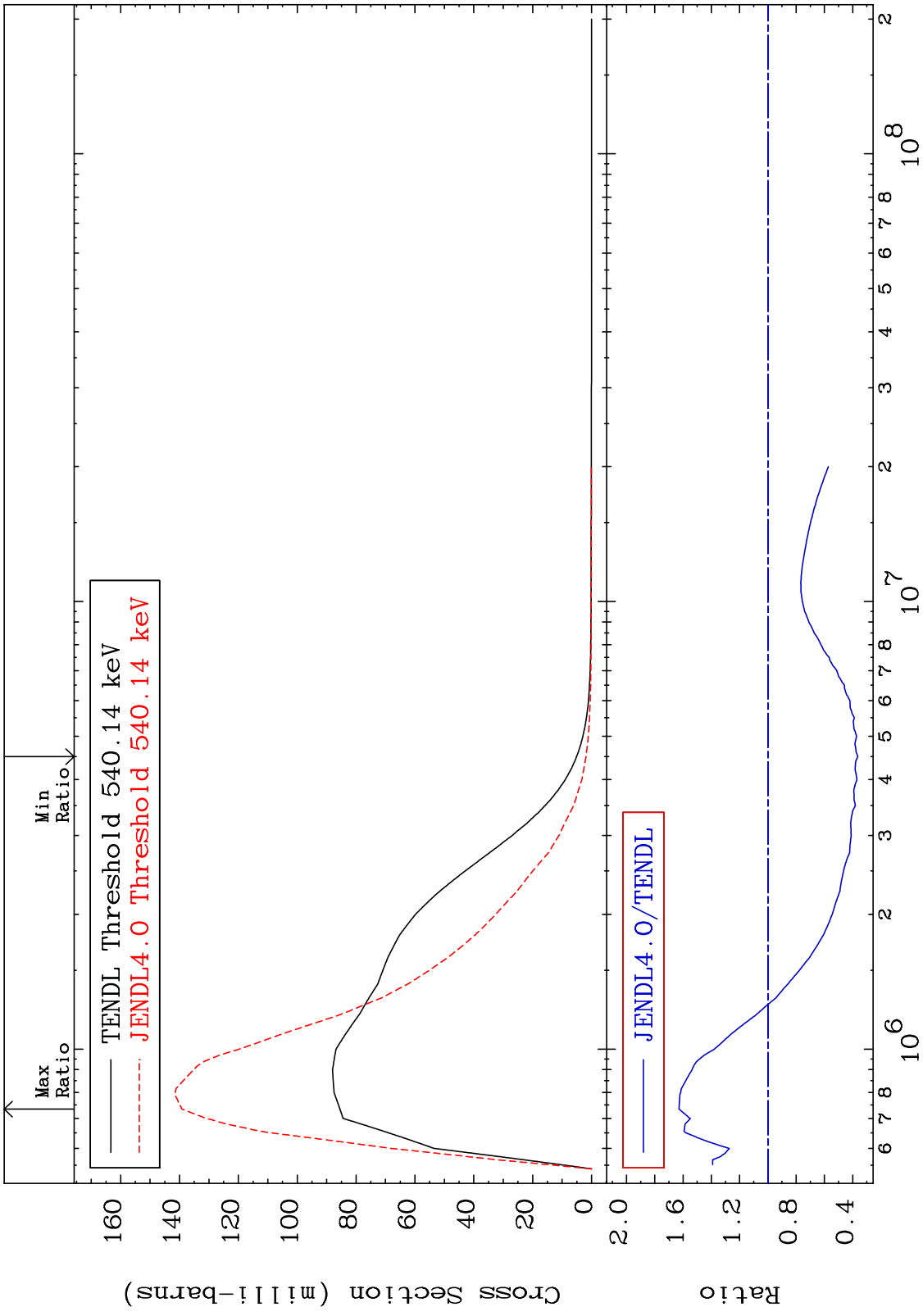
MAT 4634 MT= 56 (n,n') Level 46-Pd-105
 Cross Section -37.19 To 102.2 %



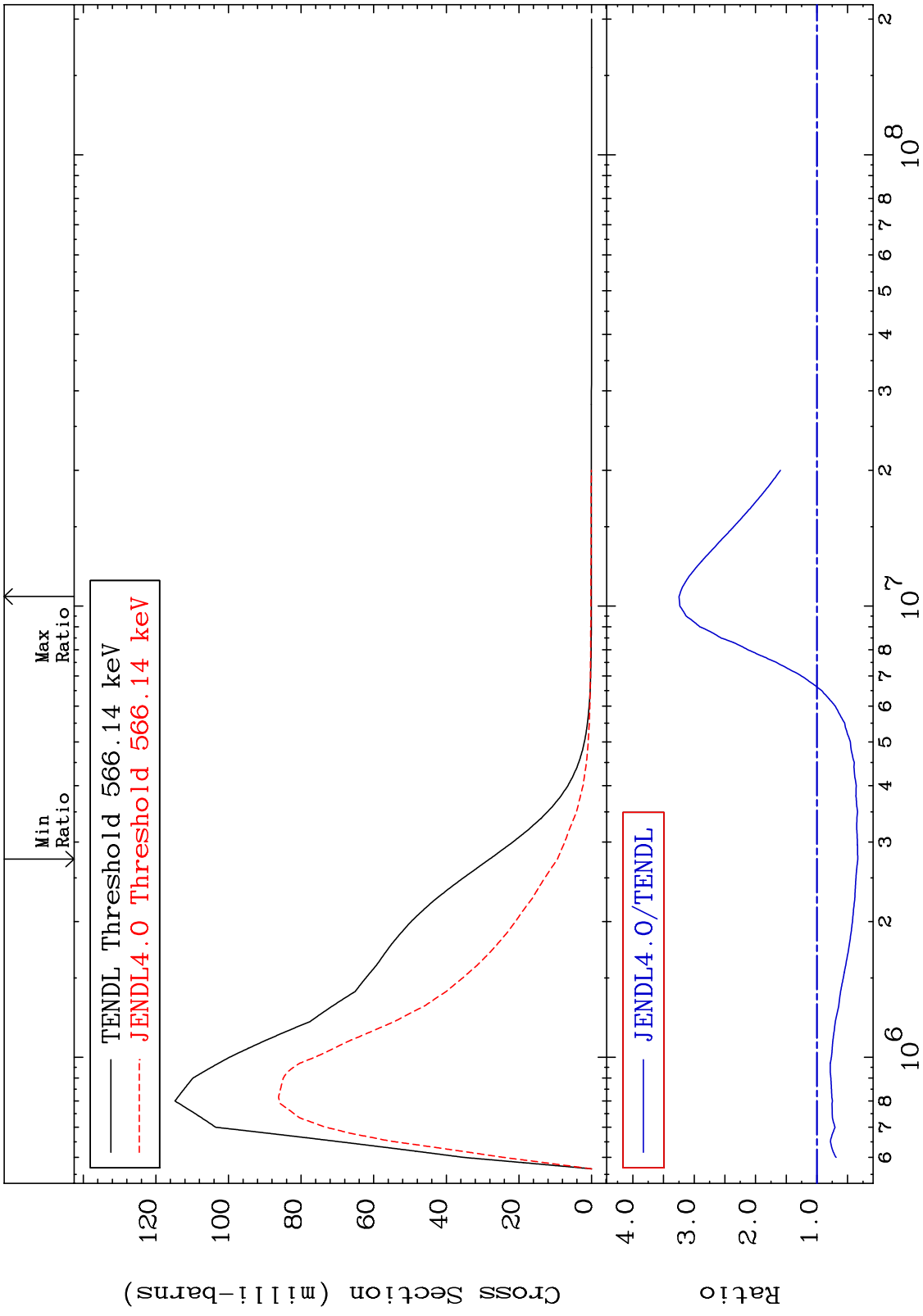
MAT 4634 MT= 57 (n,n') Level 46-Pd-105
 Cross Section -52.84 To 63.99 %



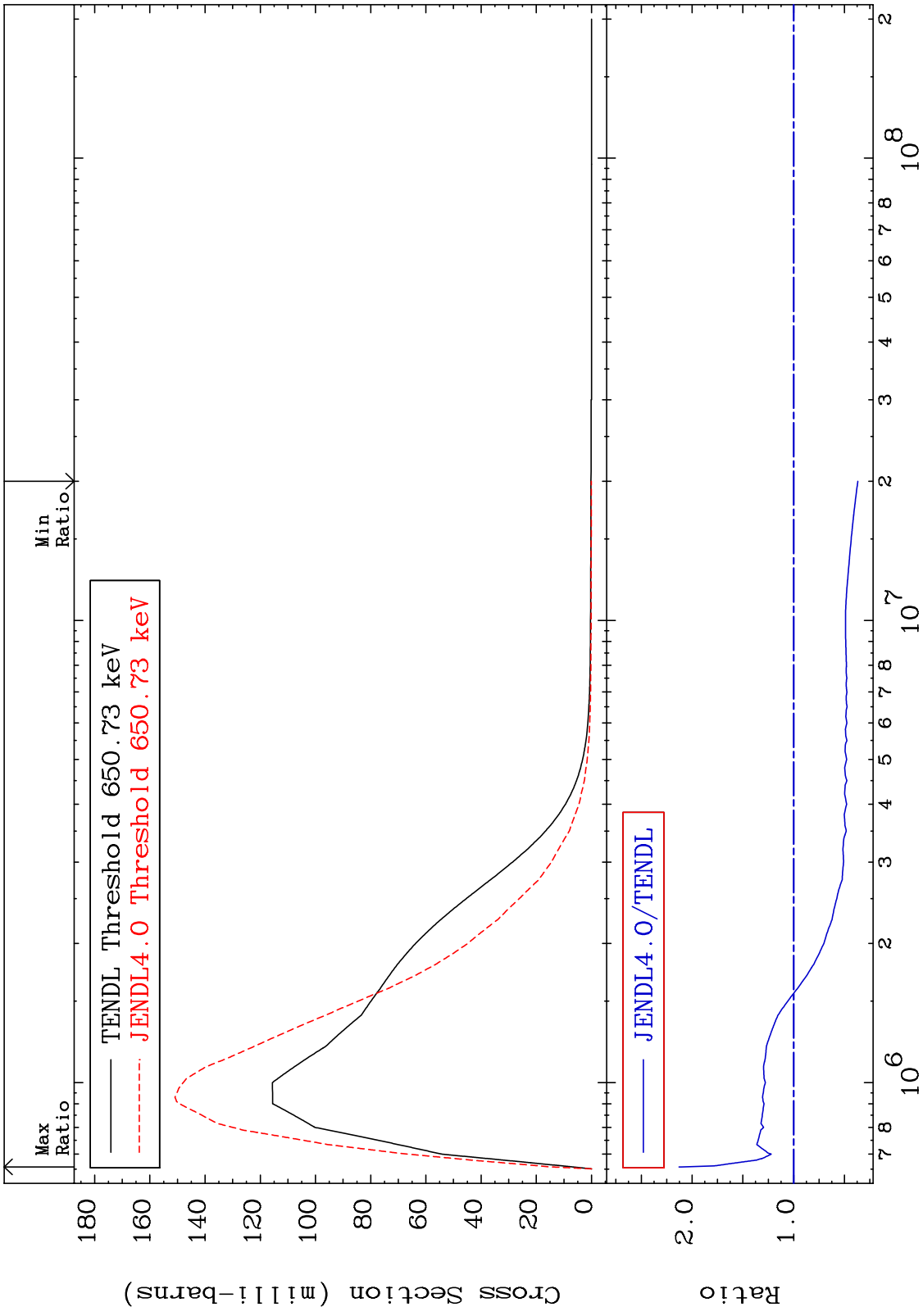
MAT 4634 MT= 58 (n,n') Level Cross Section 46-Pd-105
 -63.65 To 62.82 %



MAT 4634 MT= 59 (n,n') Level Cross Section 46-Pd-105
 -66.64 To 224.7 %

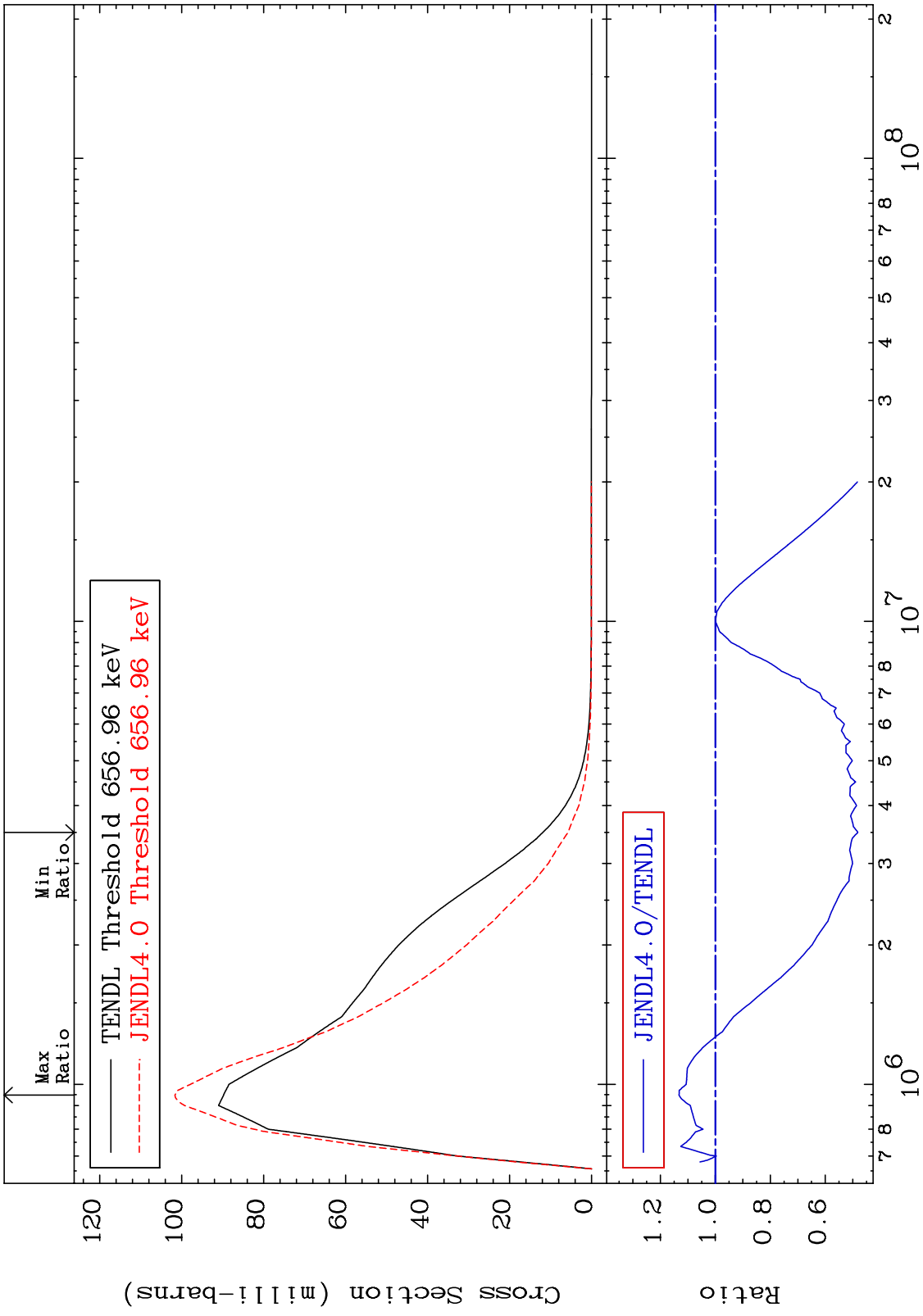


MAT 4634 MT= 60 (n,n') Level Cross Section 46-Pd-105
 -63.13 To 112.8 %

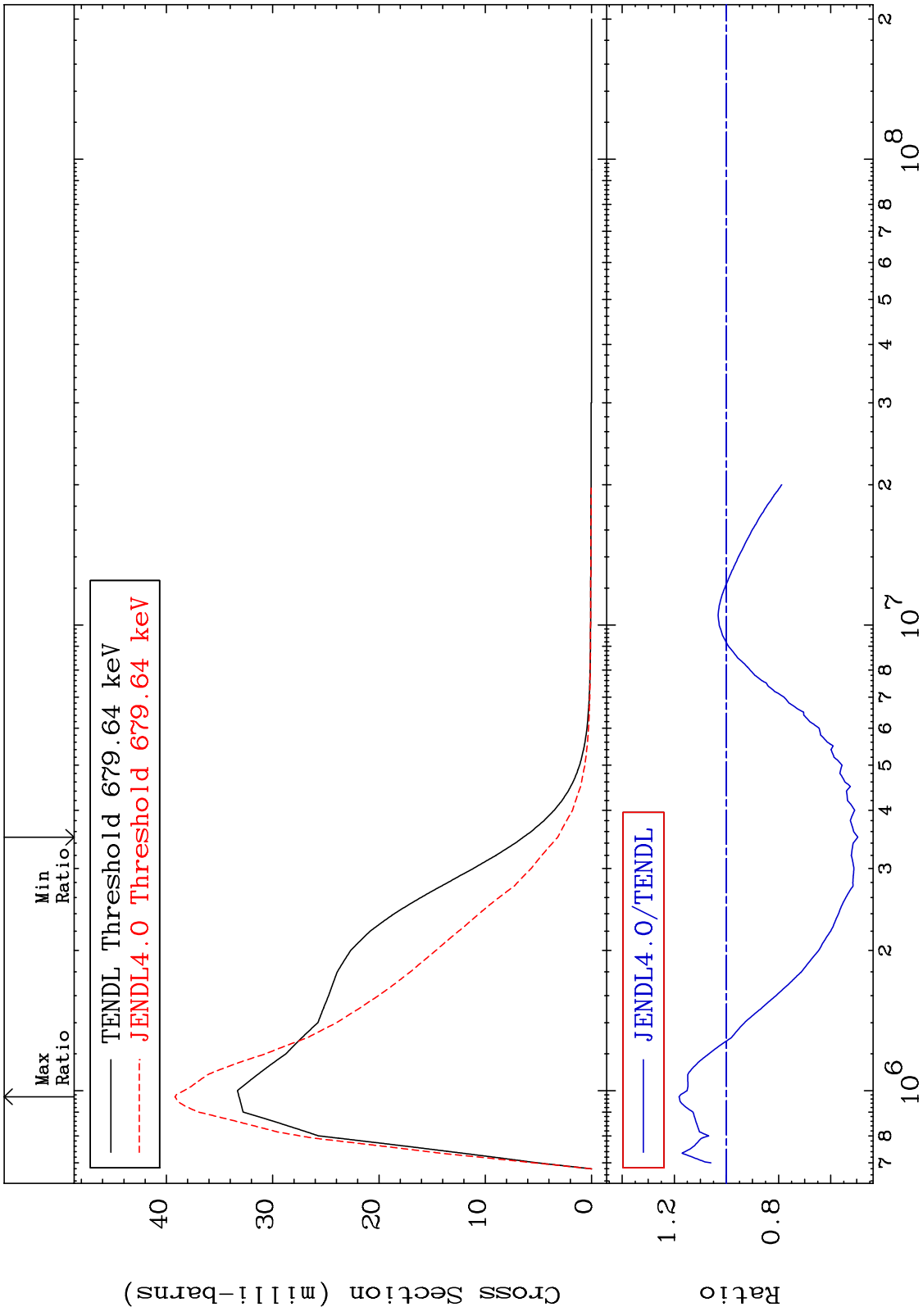


20 Incident Energy (eV) 46-Pd-105

MAT 4634 MT= 61 (n,n') Level Cross Section 46-Pd-105
 -51.85 To 13.21 %

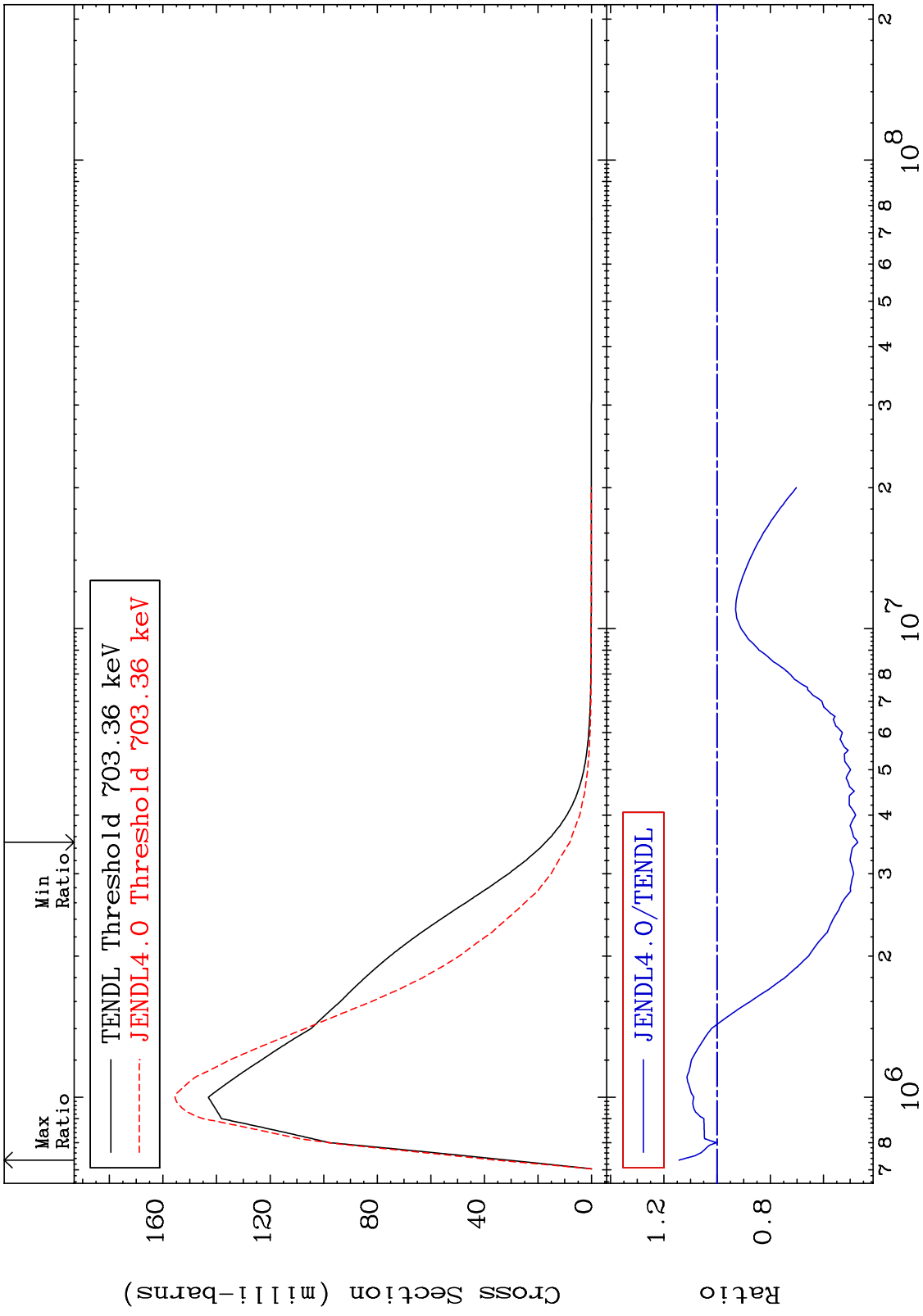


MAT 4634 MT= 62 (n,n') Level Cross Section 46-Pd-105
 -50.40 To 18.19 %



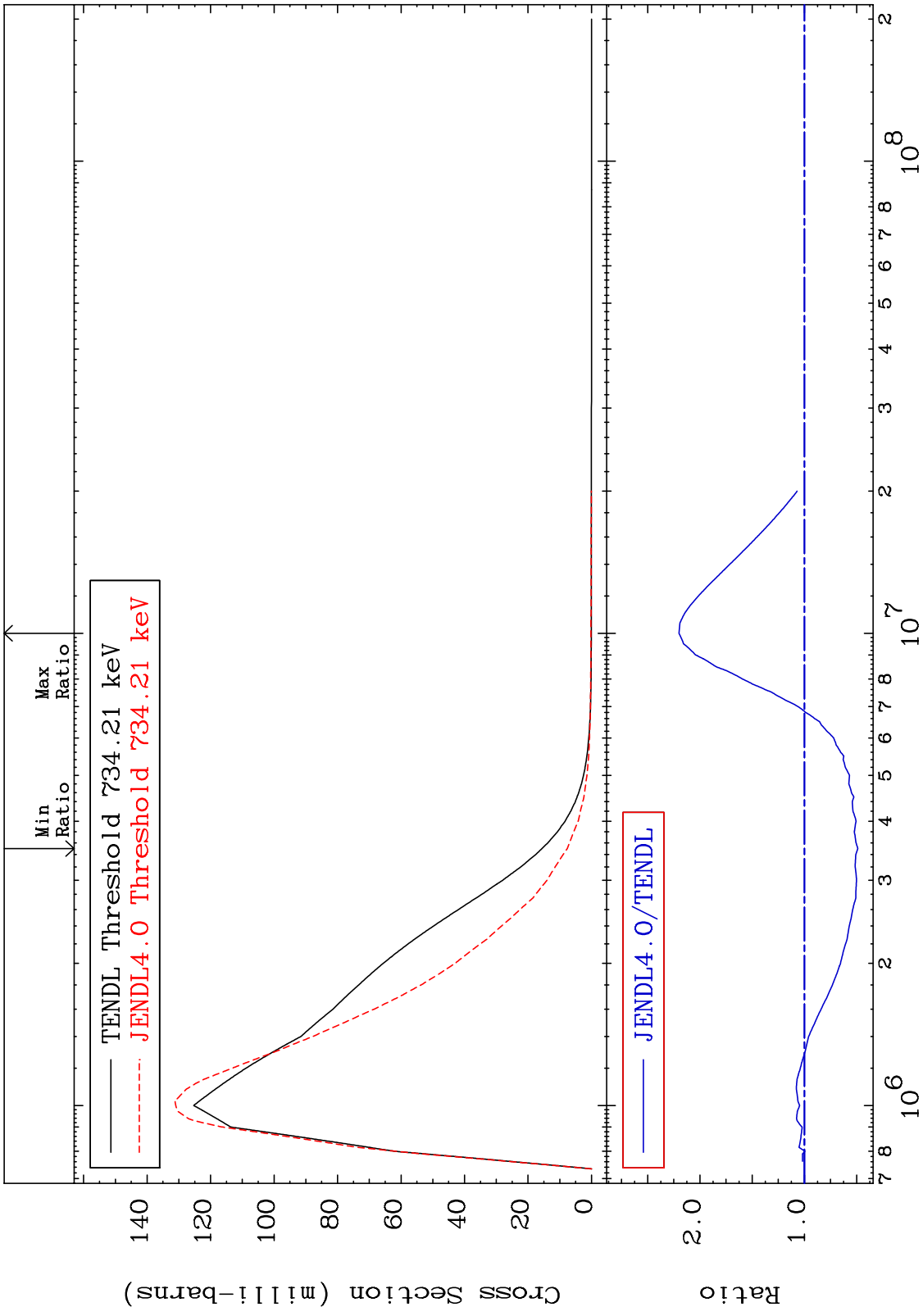
22 46-Pd-105

MAT 4634 MT= 63 (n,n') Level Cross Section 46-Pd-105 -52.89 To 14.29 %

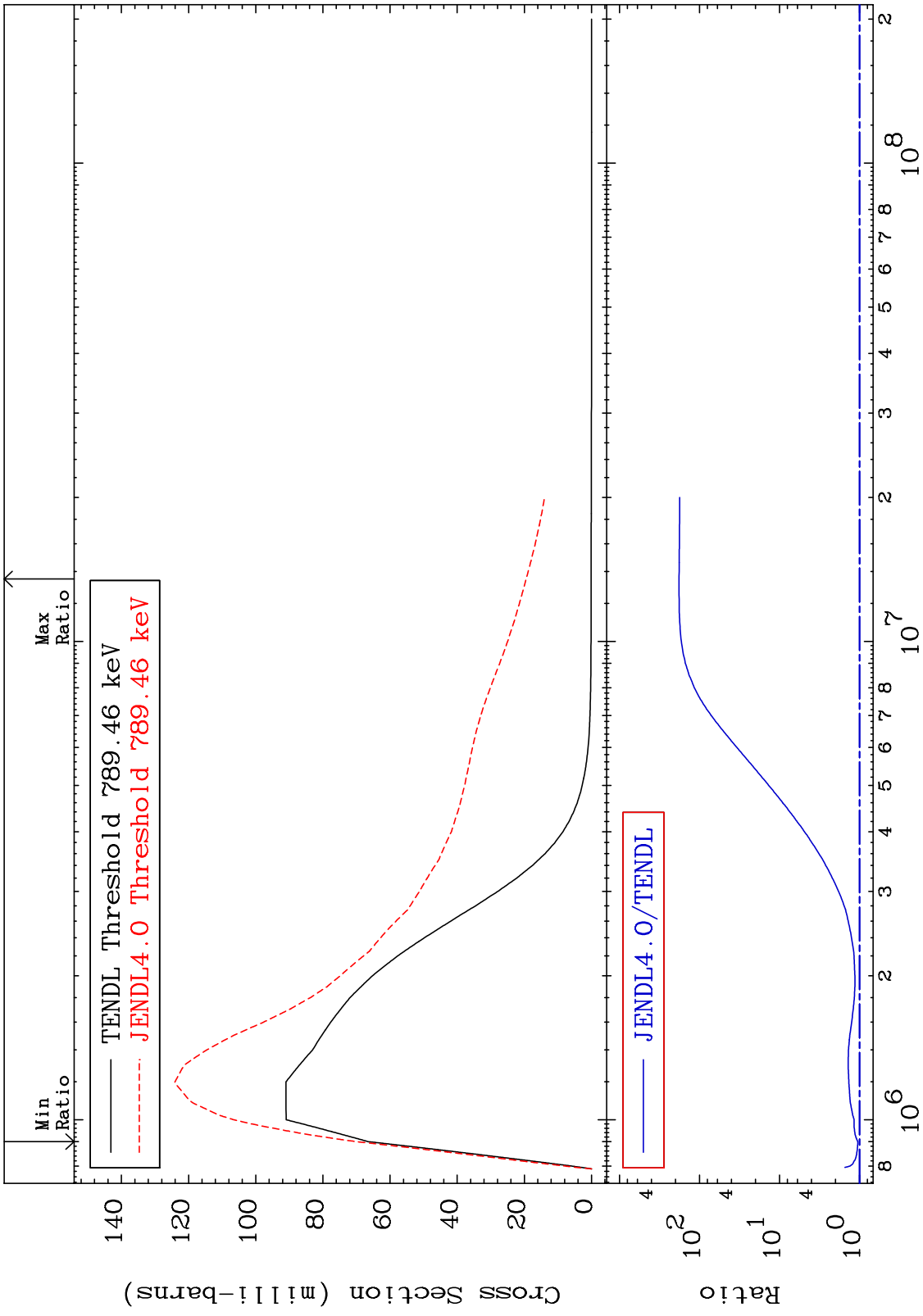


23 Incident Energy (eV) 46-Pd-105

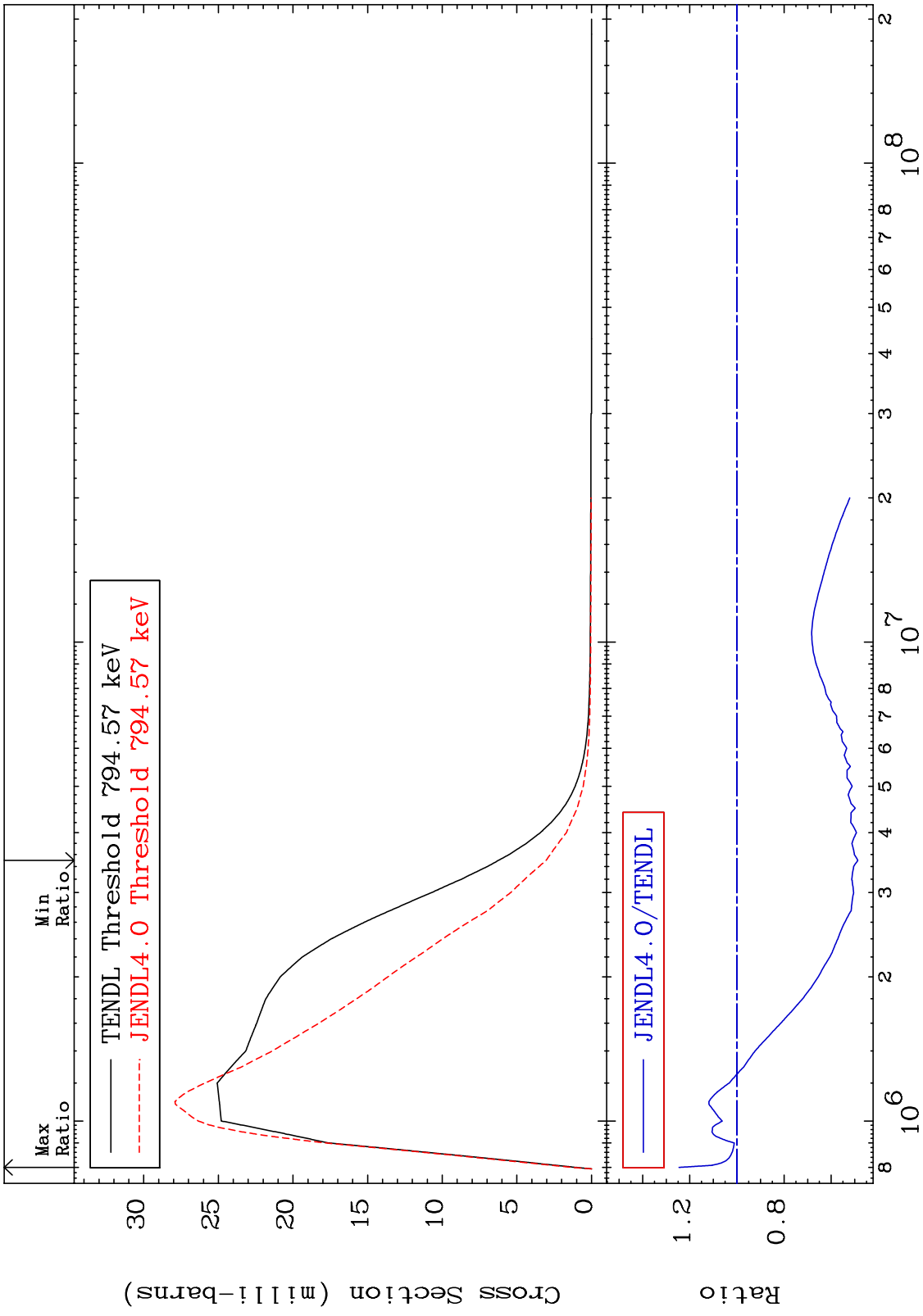
MAT 4634 MT= 64 (n,n') Level Cross Section -51.12 To 120.0 % 46-Pd-105



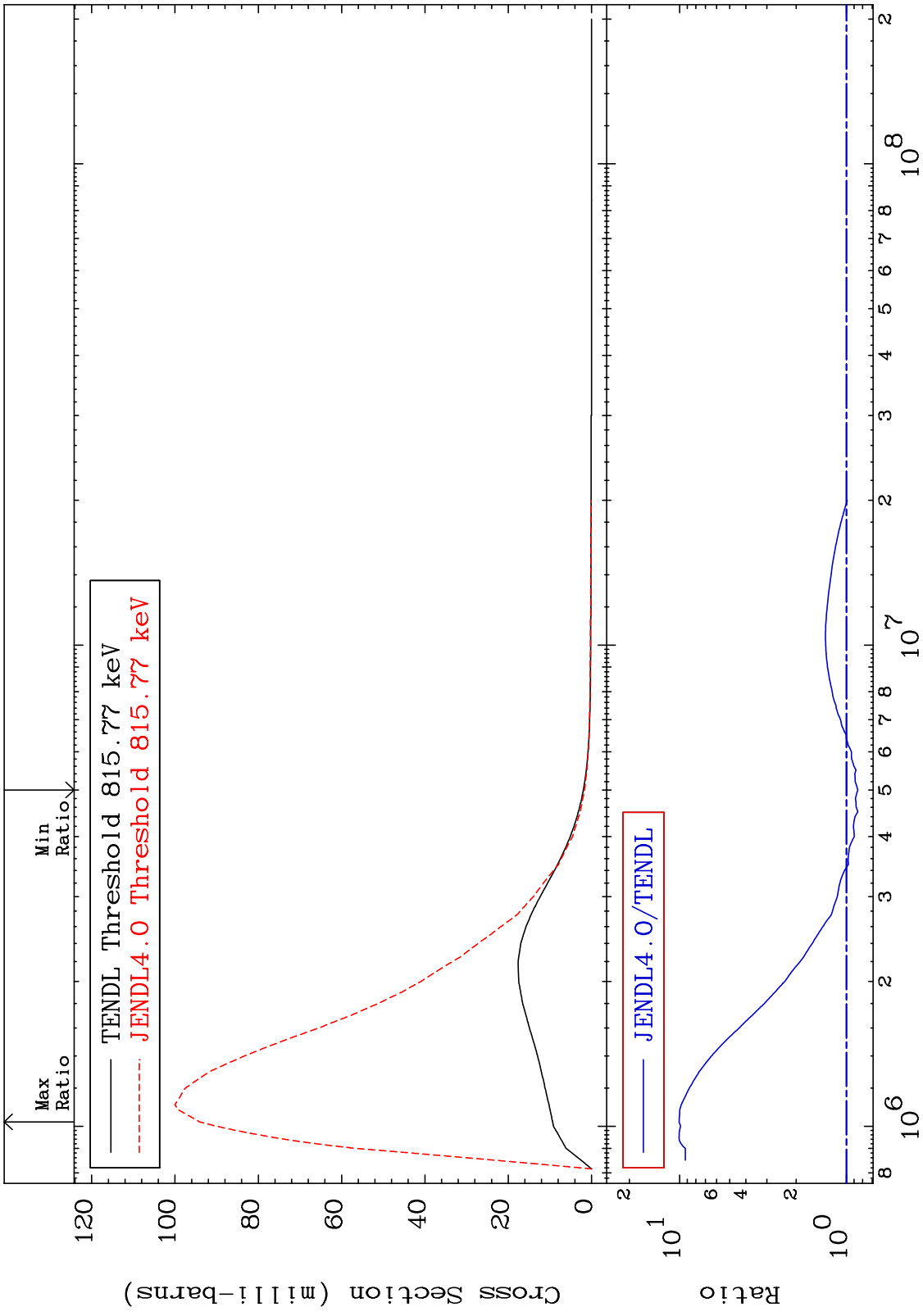
MAT 4634 MT= 65 (n,n') Level Cross Section 46-Pd-105 5.294 To 9999. %



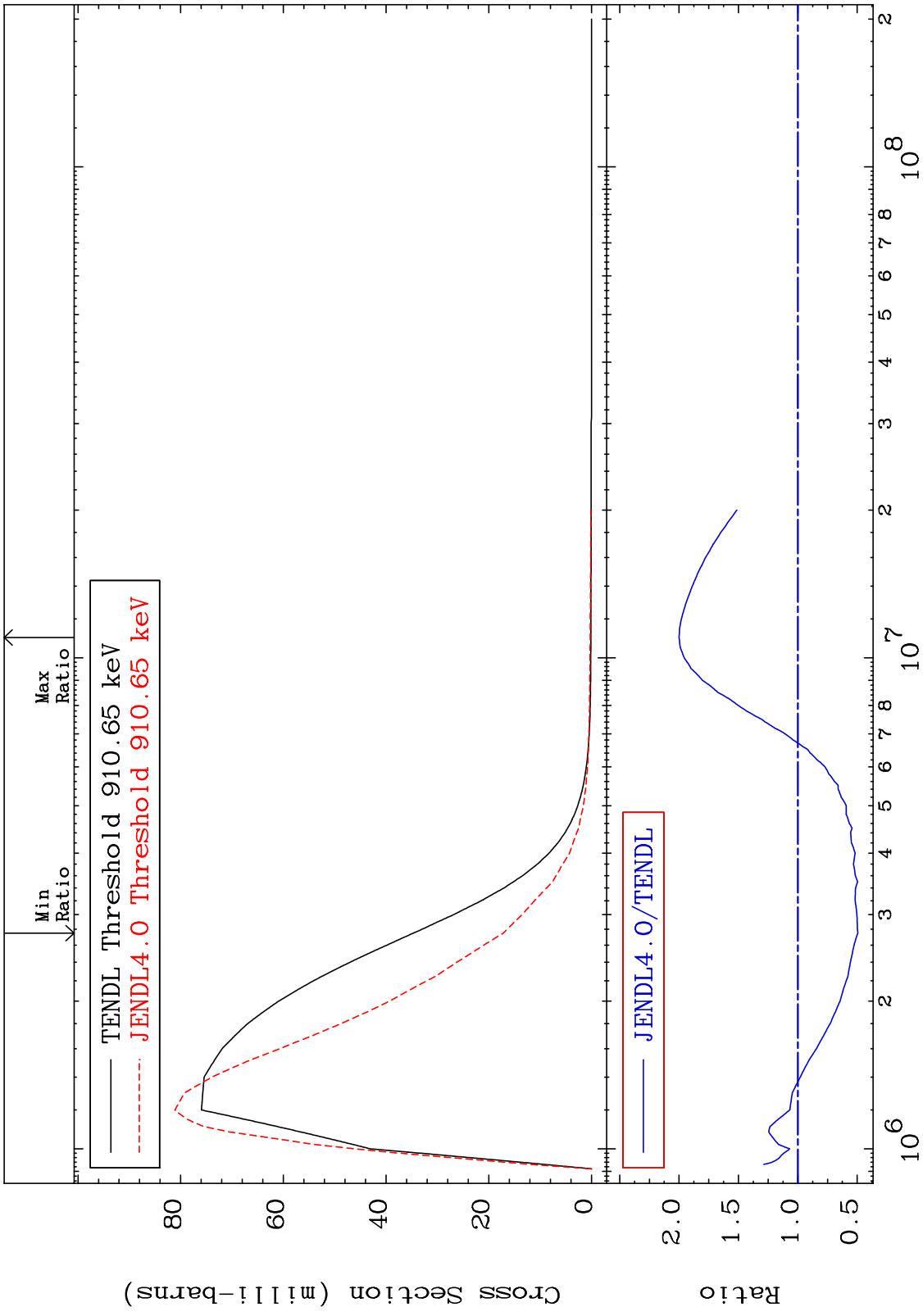
MAT 4634 MT= 66 (n,n') Level Cross Section 46-Pd-105
 -51.30 To 24.55 %



MAT 4634 MT= 67 (n,n') Level Cross Section 46-Pd-105
 -14.61 To 906.9 %

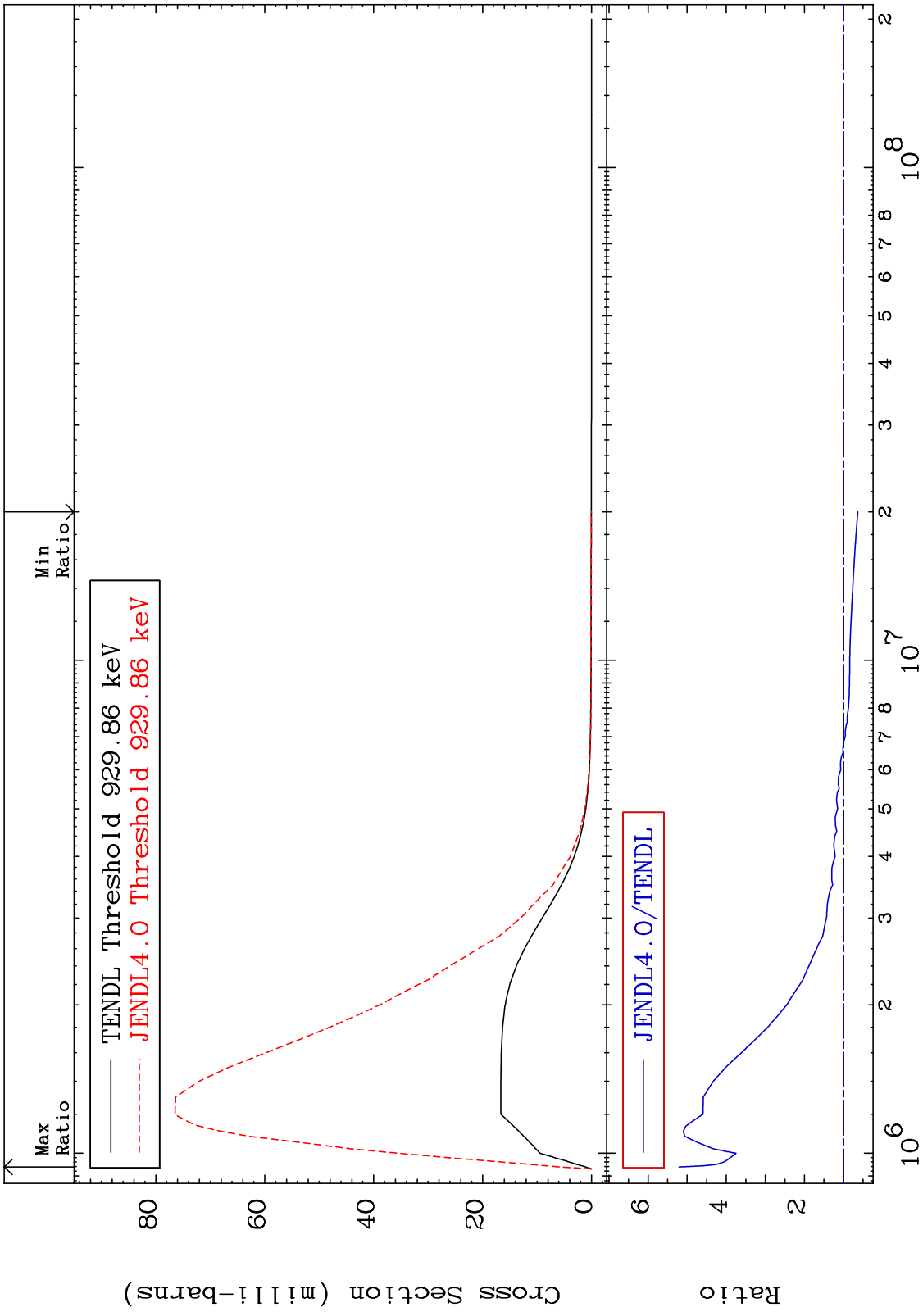


MAT 4634 MT= 68 (n,n') Level Cross Section 46-Pd-105 -50.52 To 100.0 %



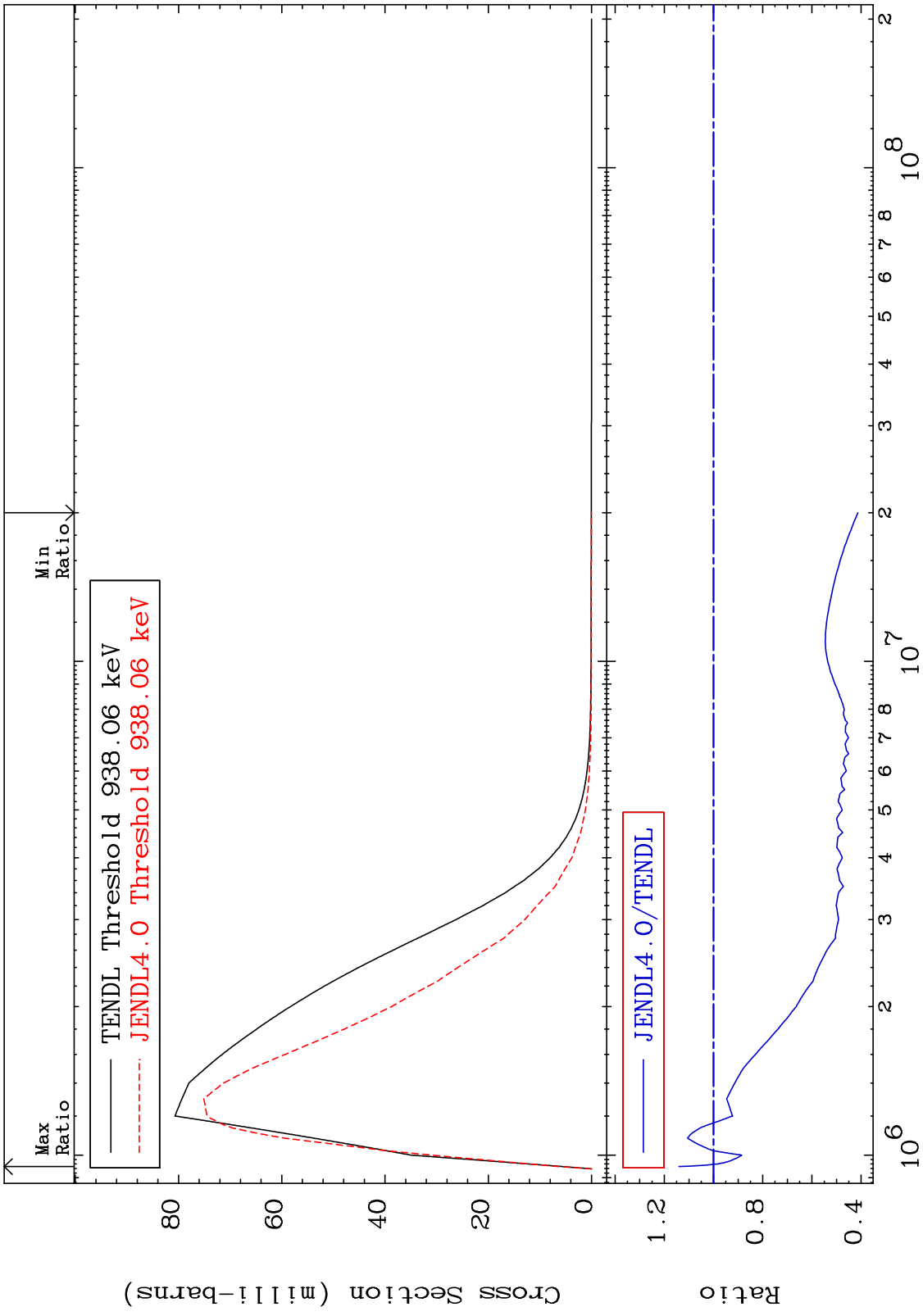
28 46-Pd-105

MAT 4634 MT= 69 (n,n') Level Cross Section 46-Pd-105 -36.56 To 420.7 %



29 46-Pd-105

MAT 4634 MT= 70 (n,n') Level Cross Section 46-Pd-105 -58.65 To 14.02 %

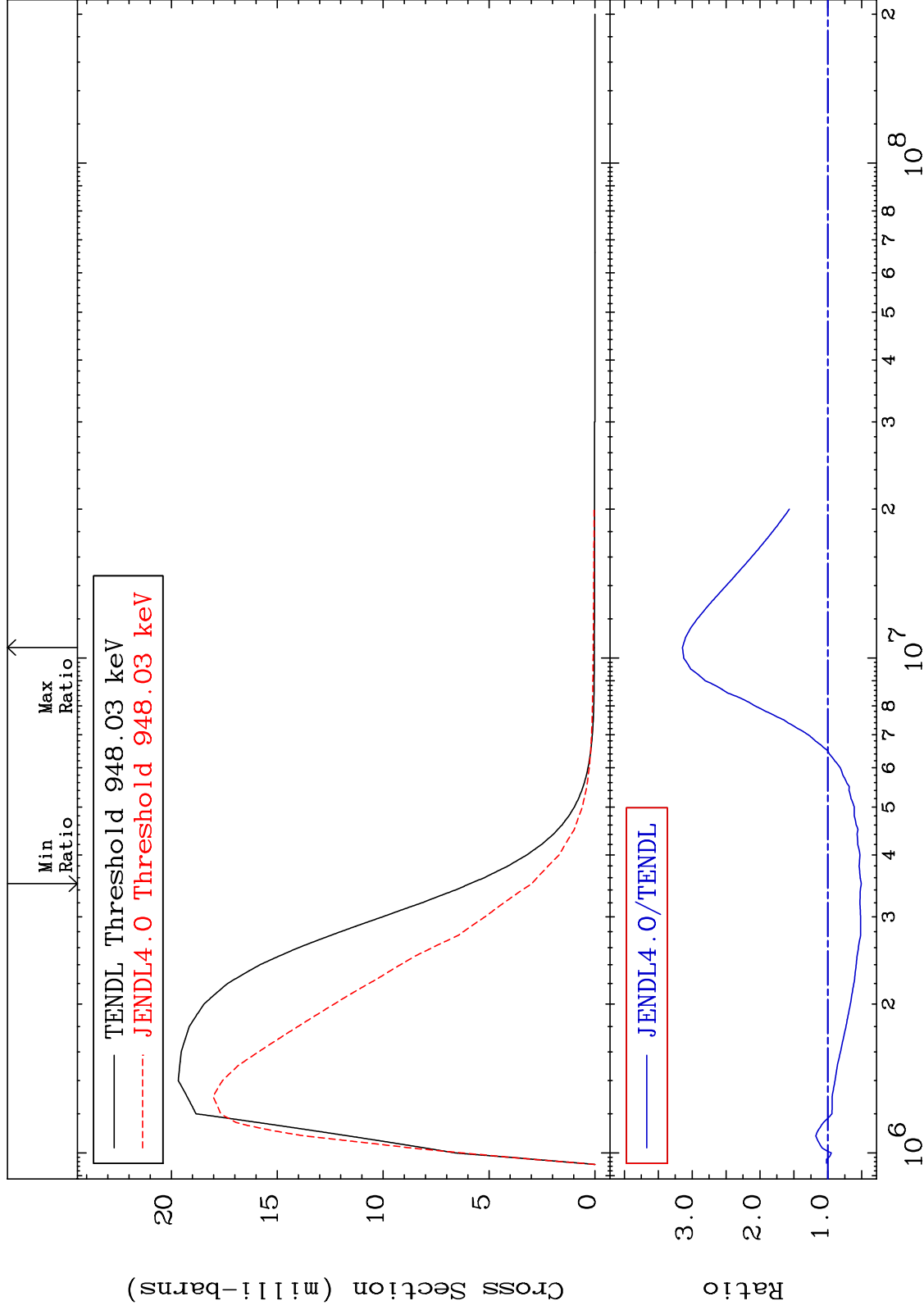


30 Incident Energy (eV) 46-Pd-105

MAT 4634

MT= 71 (n,n') Level
Cross Section

46-Pd-105
-49.37 To 214.3 %

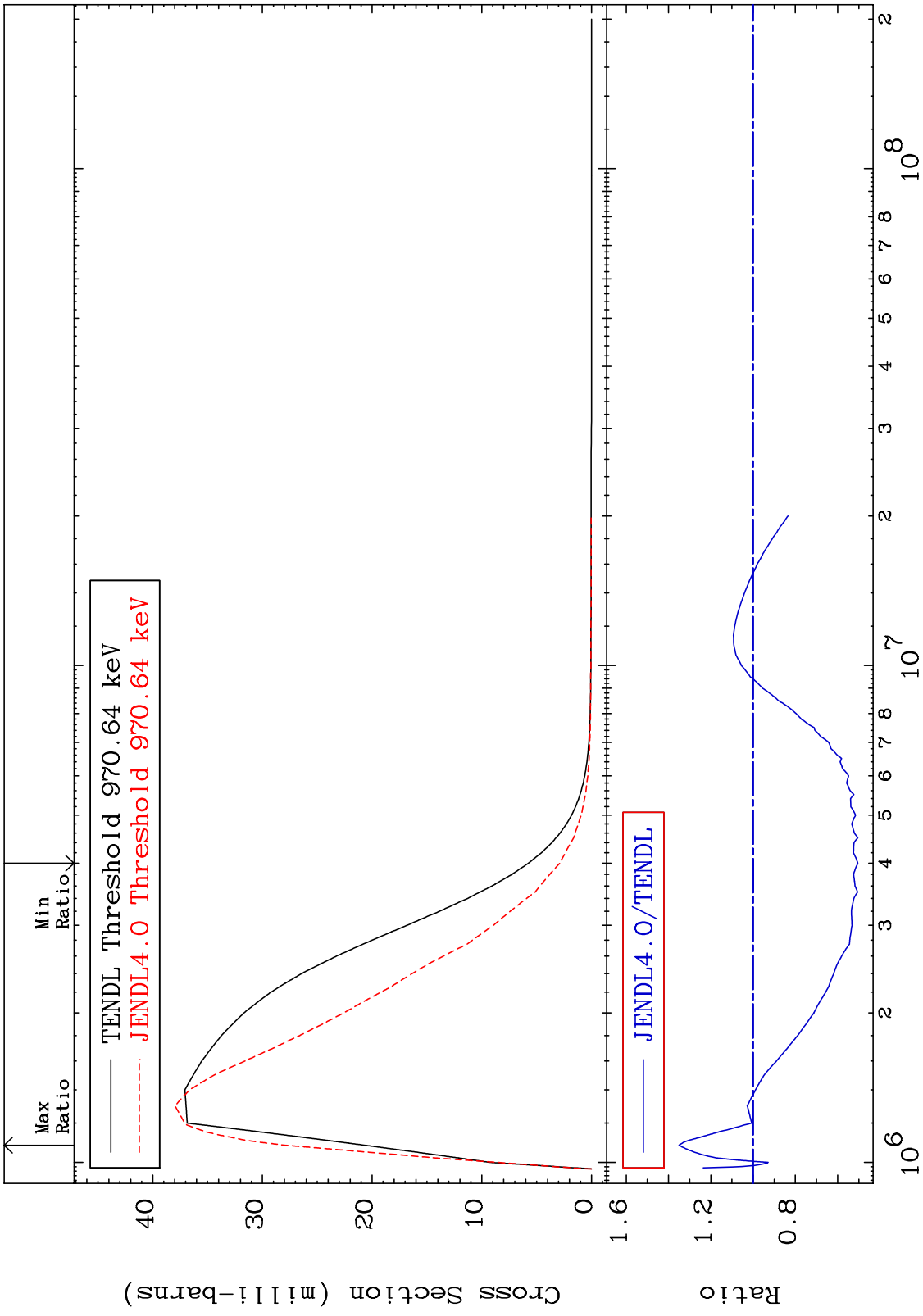


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Incident Energy (eV)

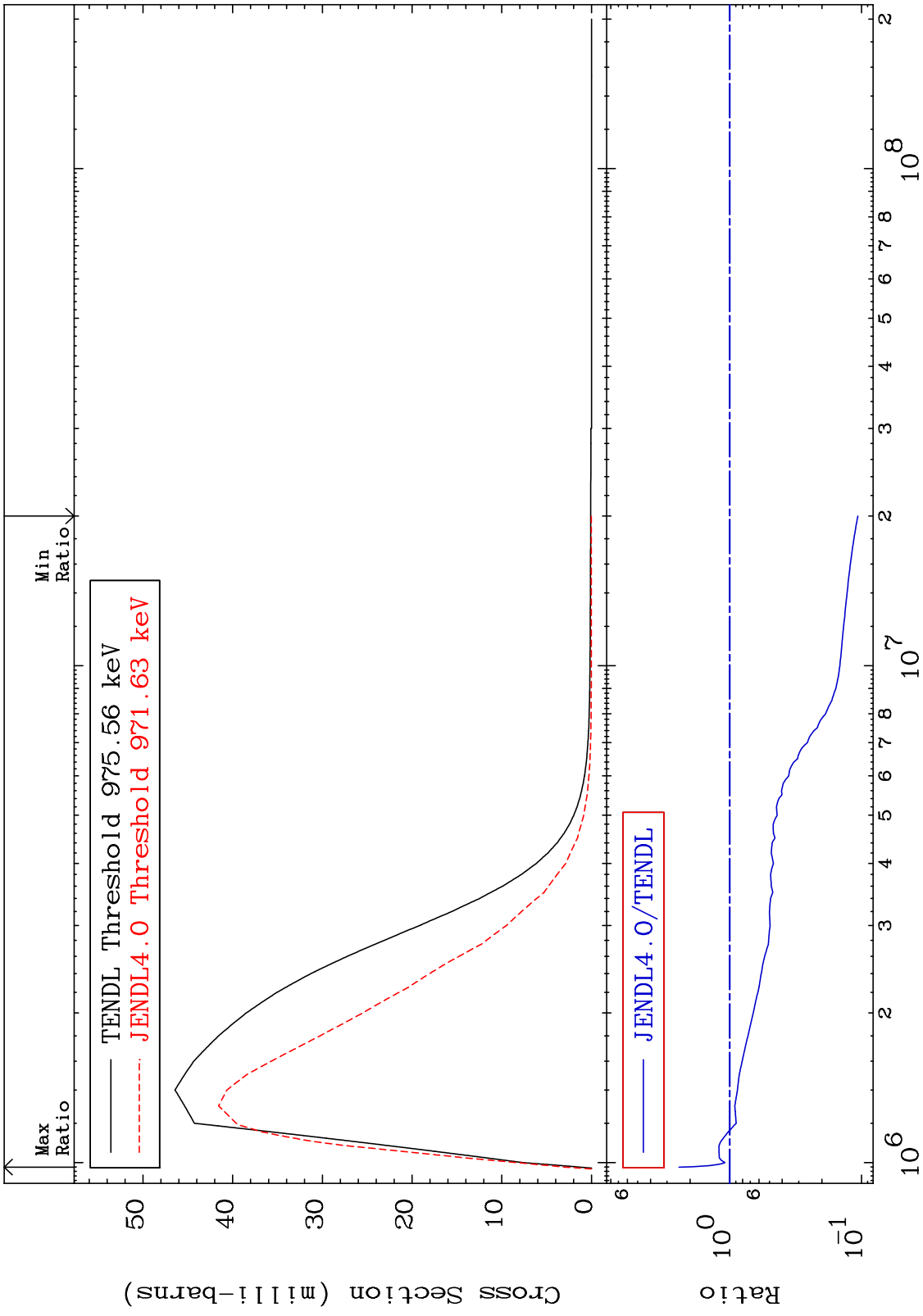
46-Pd-105

MAT 4634 MT= 72 (n,n') Level Cross Section 46-Pd-105
 -49.55 To 35.01 %



32 46-Pd-105

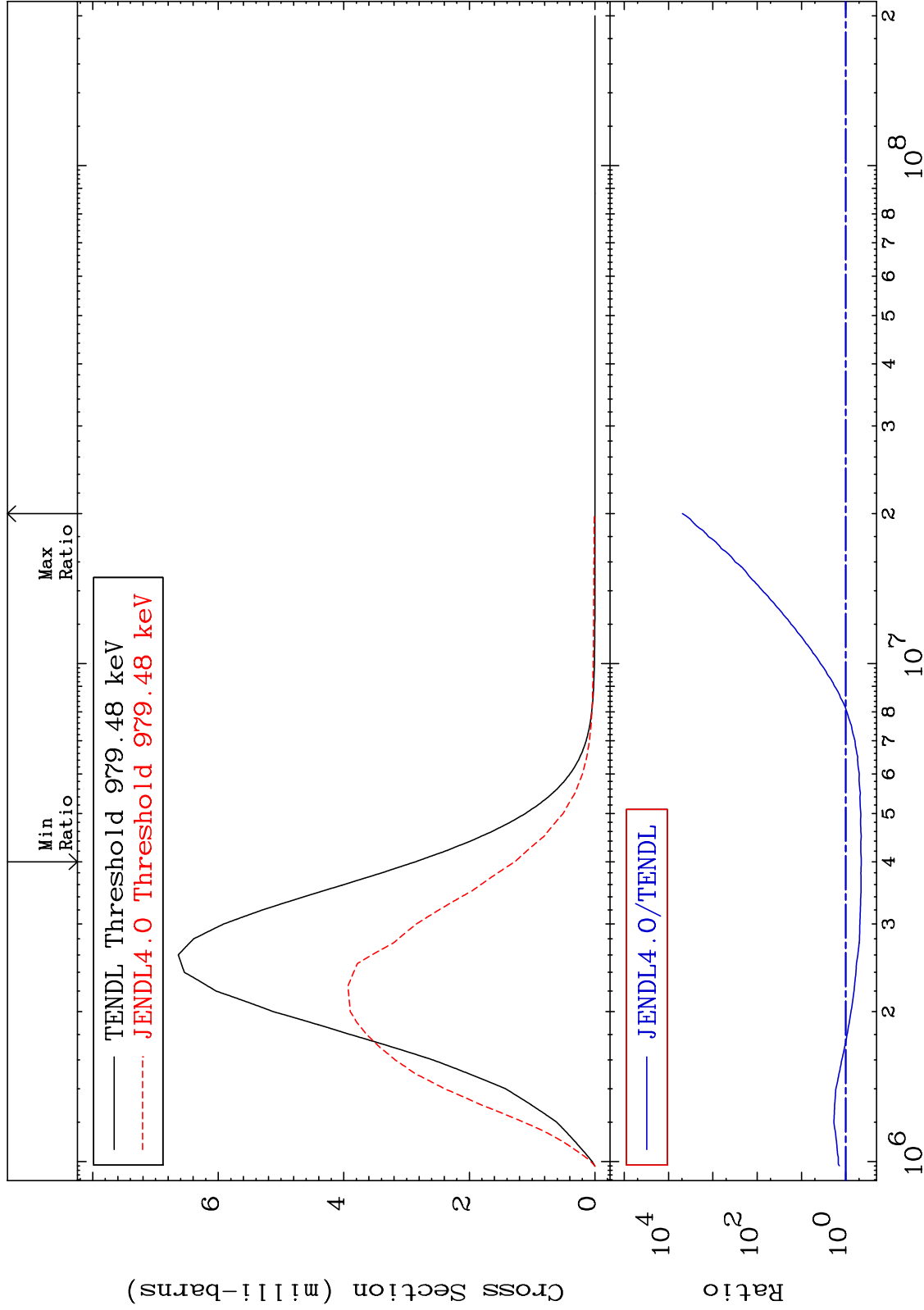
MAT 4634 MT= 73 (n,n') Level Cross Section 46-Pd-105
 -89.33 To 142.8 %



MAT 4634

MT= 74 (n,n') Level
Cross Section

46-Pd-105
-55.34 To 9999. %

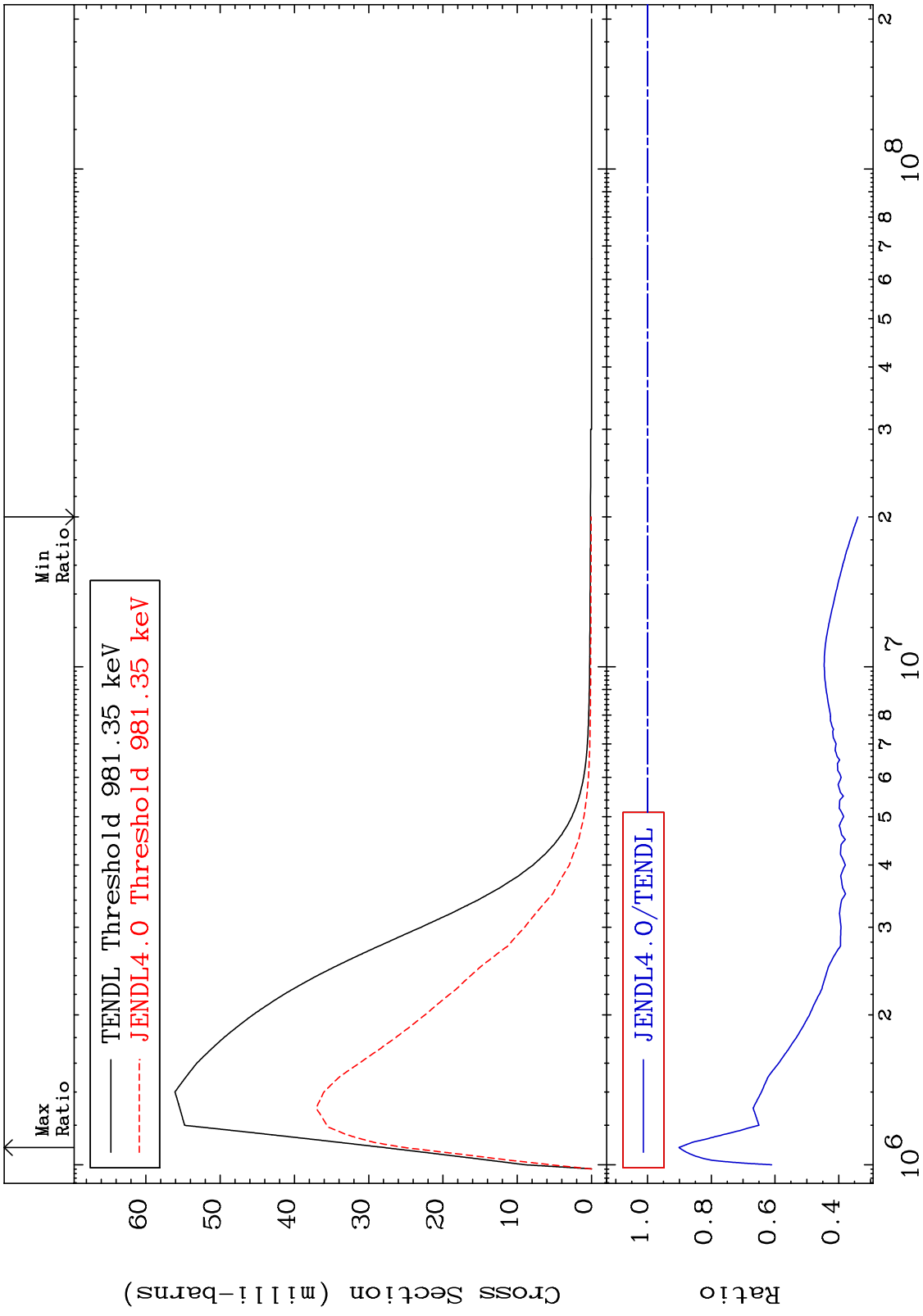


34

Incident Energy (eV)

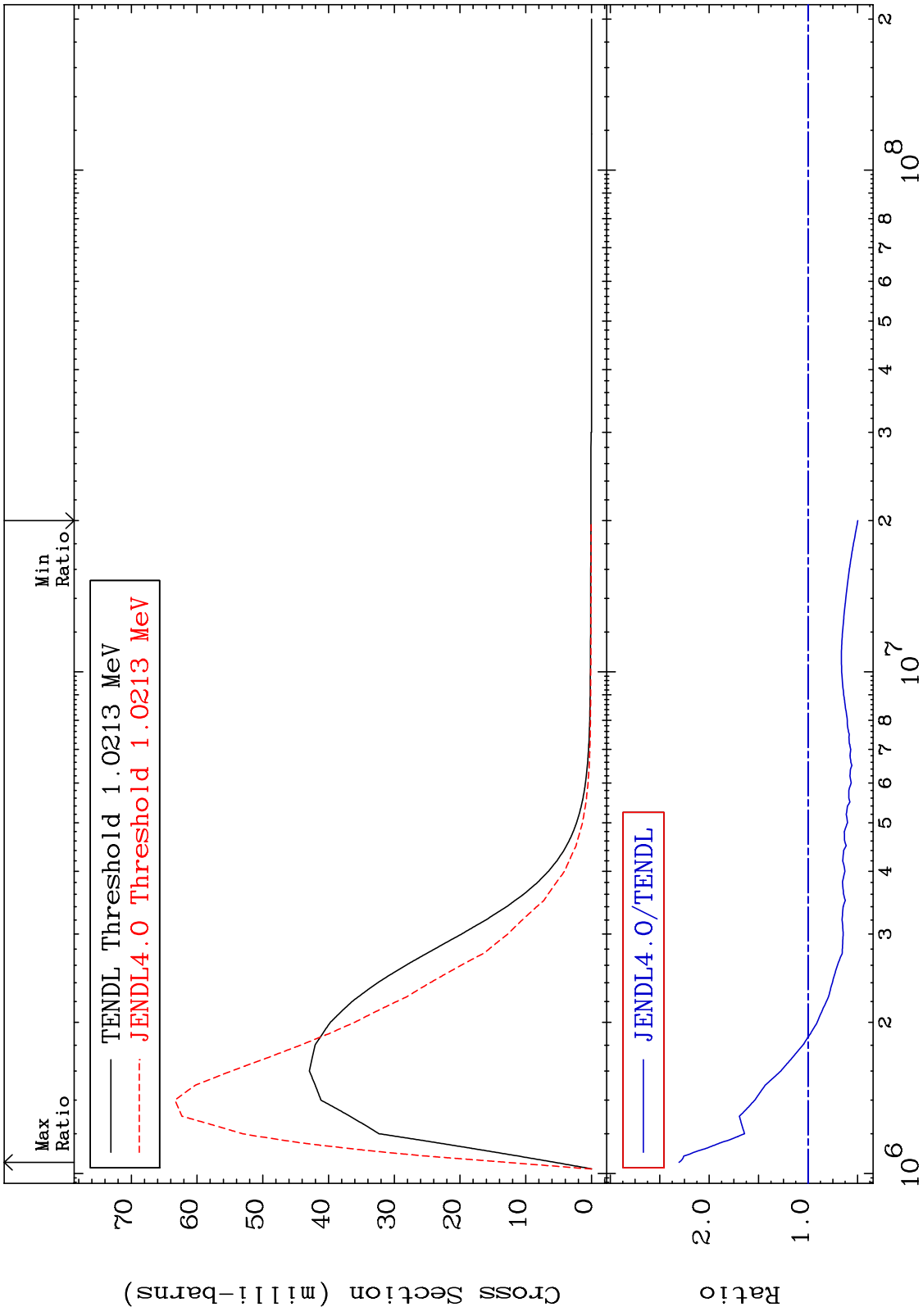
46-Pd-105

MAT 4634 MT= 75 (n,n') Level Cross Section 46-Pd-105 -66.02 To -9.879%



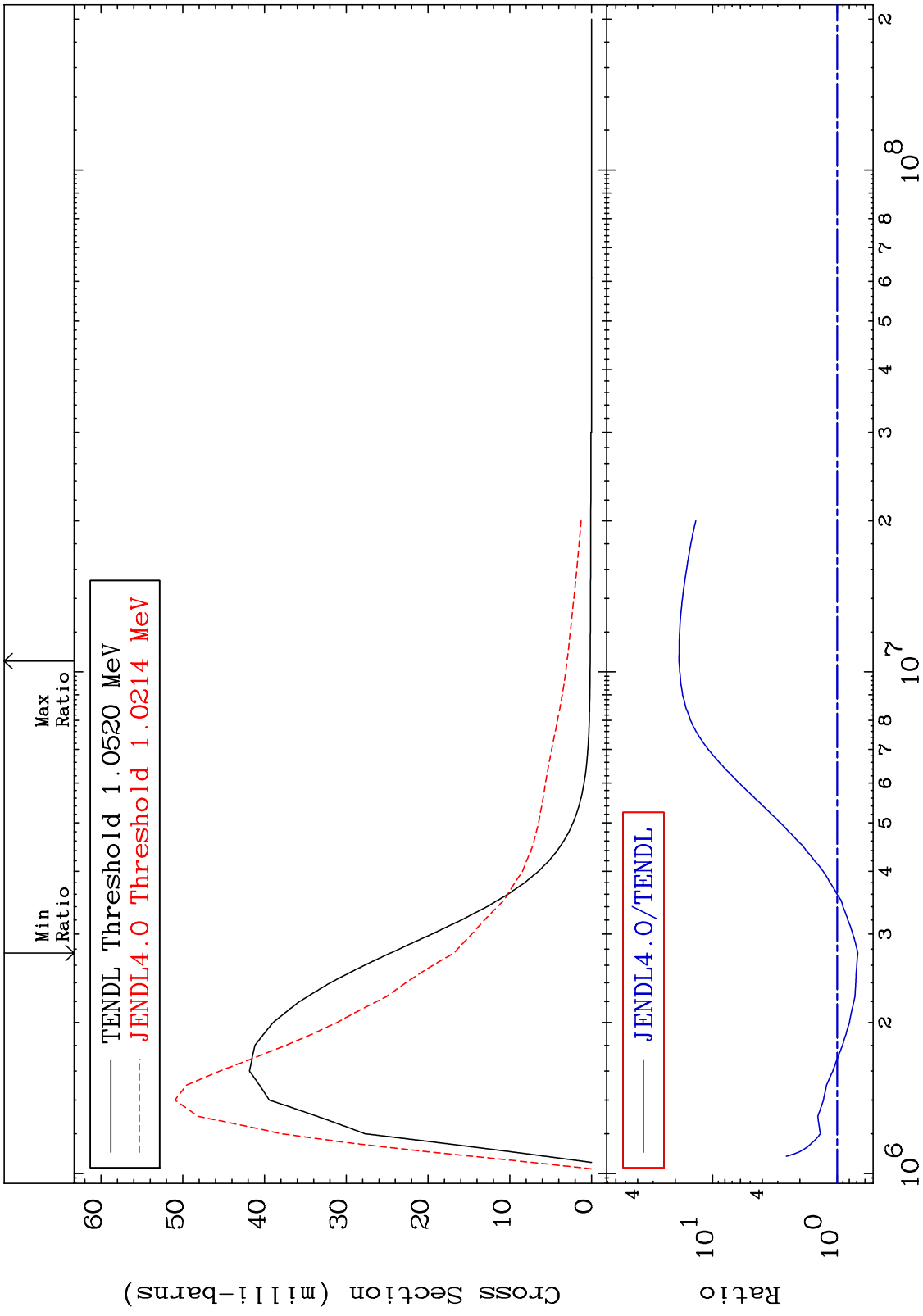
35 46-Pd-105

MAT 4634 MT= 76 (n,n') Level Cross Section 46-Pd-105
 -50.36 To 130.5 %



36 46-Pd-105

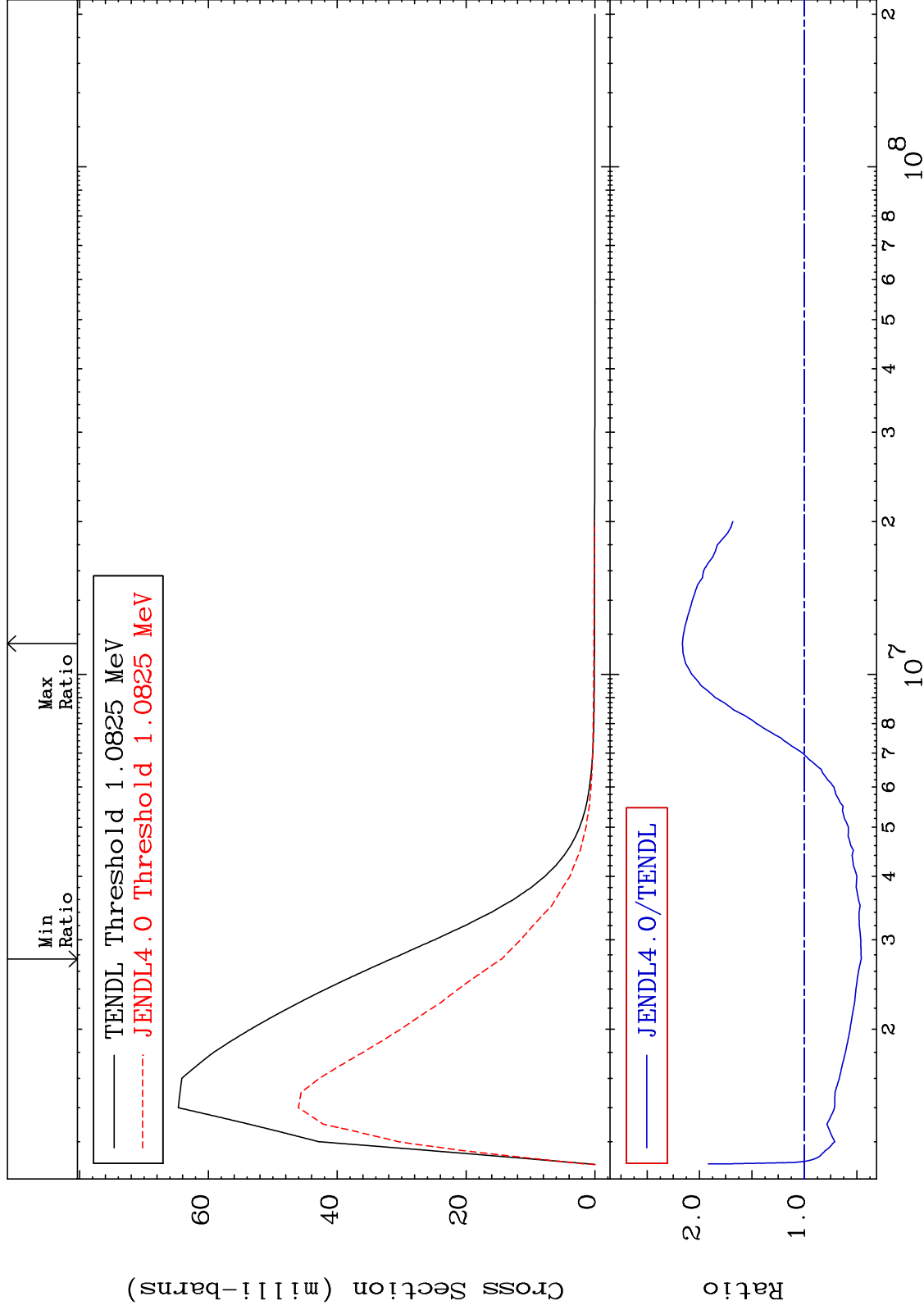
MAT 4634 MT= 77 (n,n') Level Cross Section 46-Pd-105 -31.59 To 1763. %



MAT 4634

MT= 78 (n,n') Level
Cross Section

46-Pd-105
-54.27 To 116.3 %

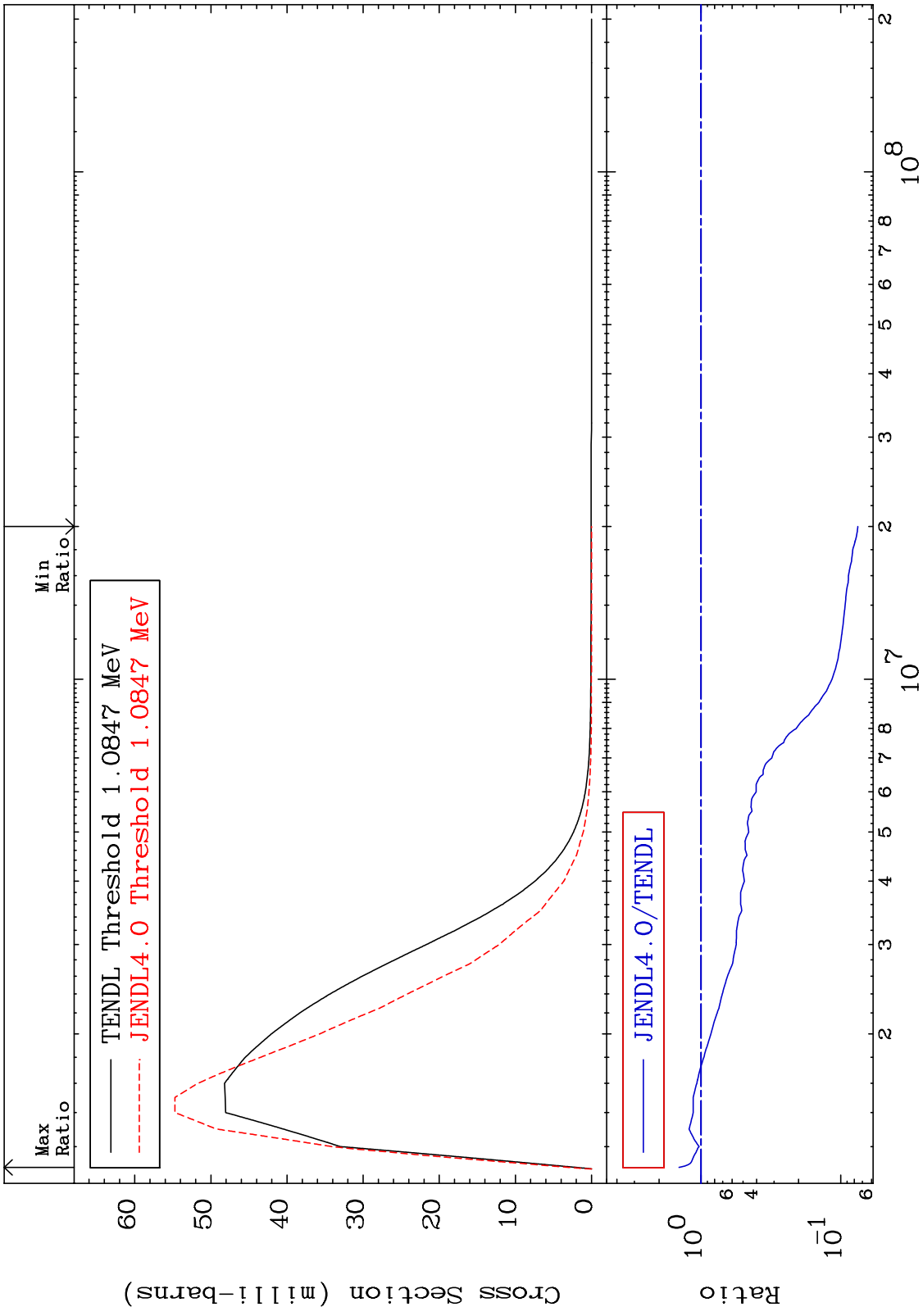


38

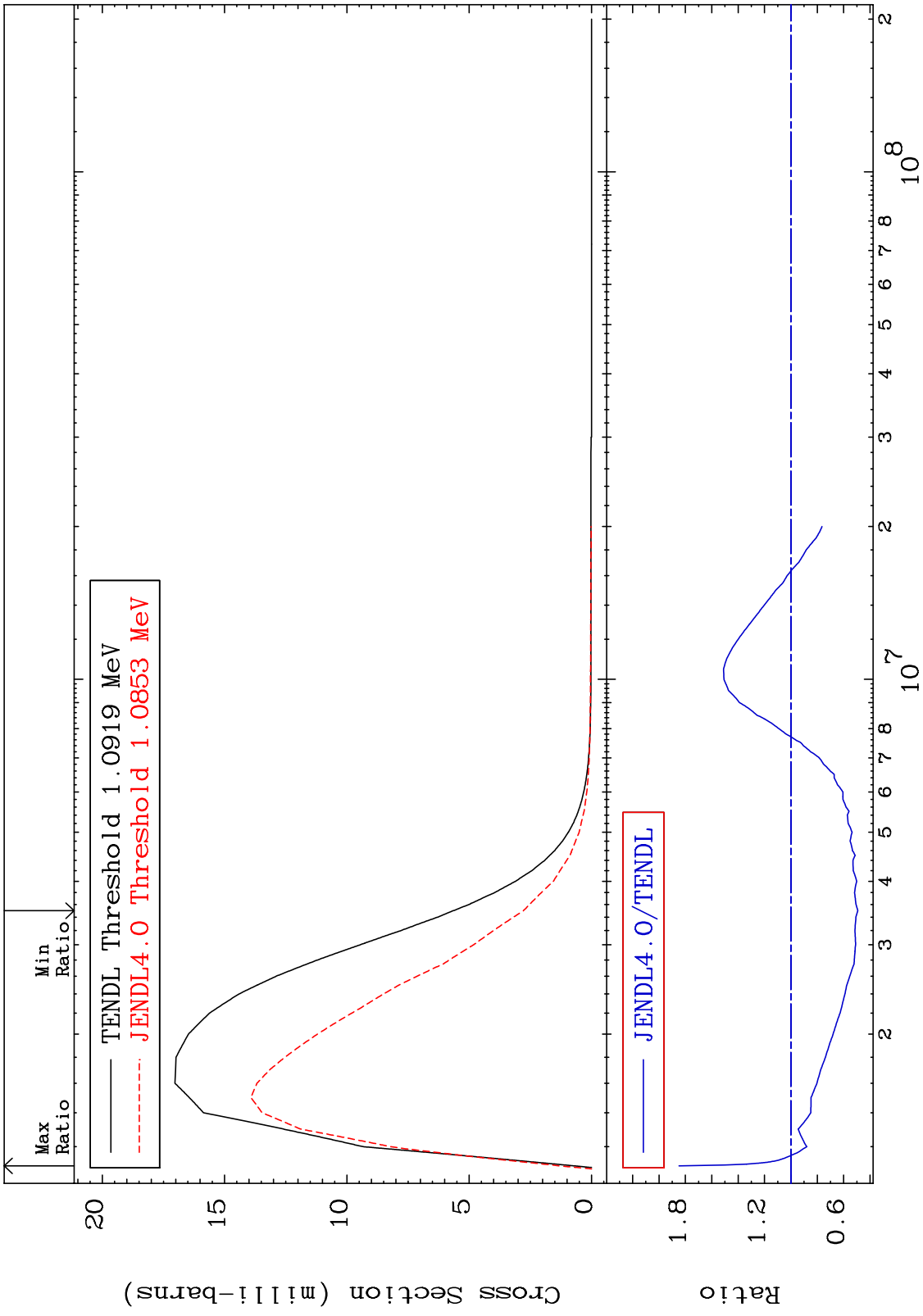
Incident Energy (eV)

46-Pd-105

MAT 4634 MT= 79 (n,n') Level Cross Section 46-Pd-105 -92.47 To 43.67 %



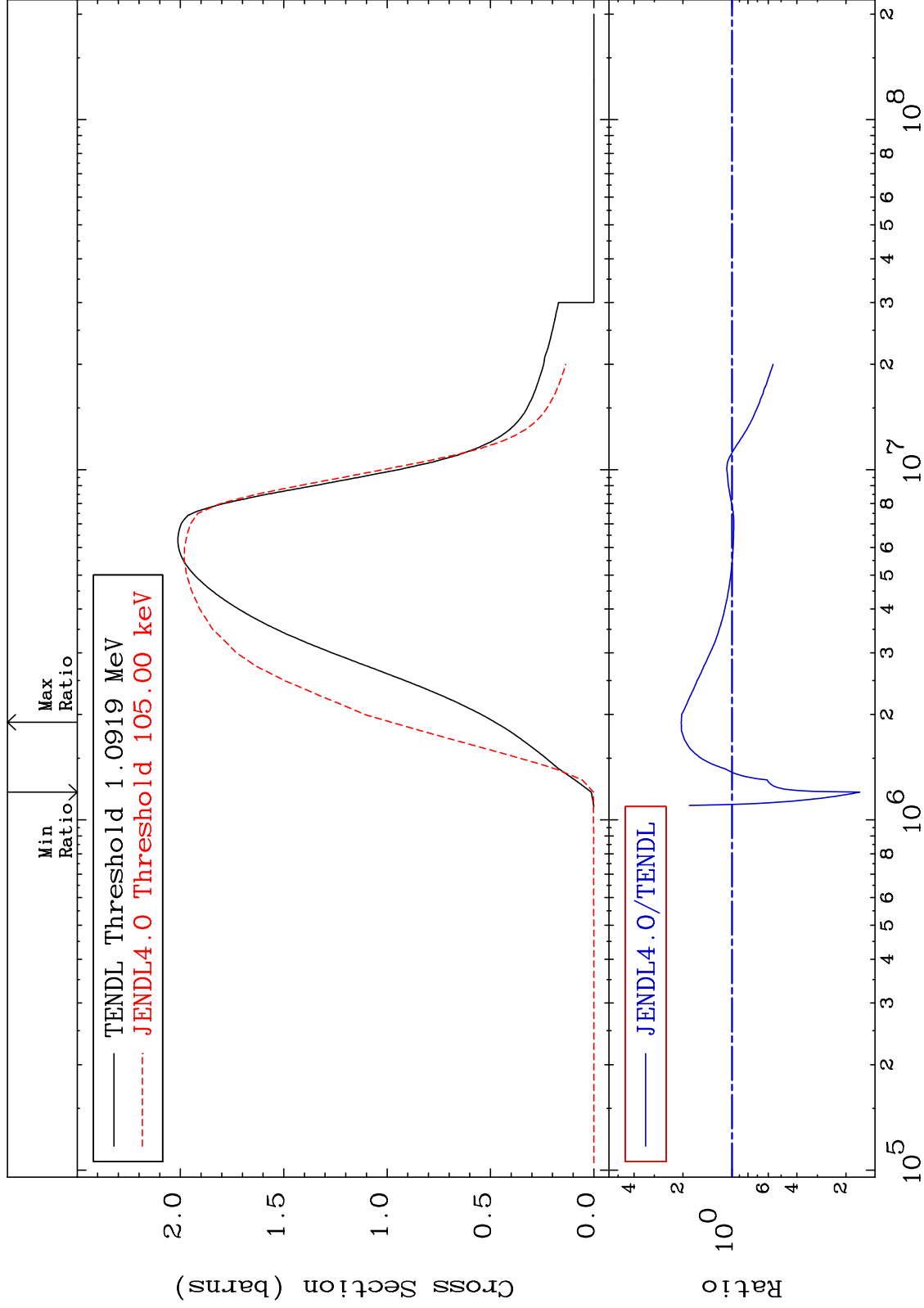
MAT 4634 MT= 80 (n,n') Level Cross Section 46-Pd-105
 -50.77 To 84.82 %



MAT 4634

(n, n') Continuum
Cross Section

46-Pd-105
-83.53 To 105.1 %



41

Incident Energy (eV)

46-Pd-105

MAT 4634

(n, γ)

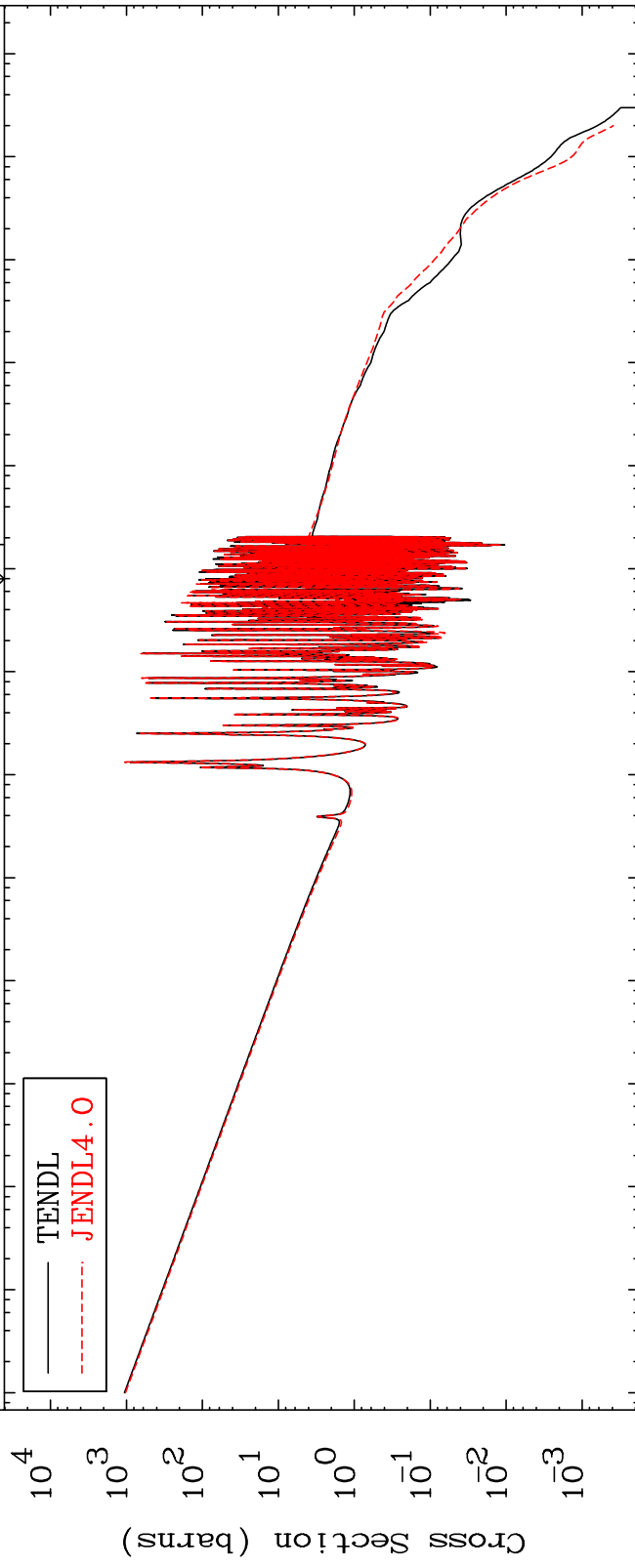
46-Pd-105

-99.57 To 9999. %

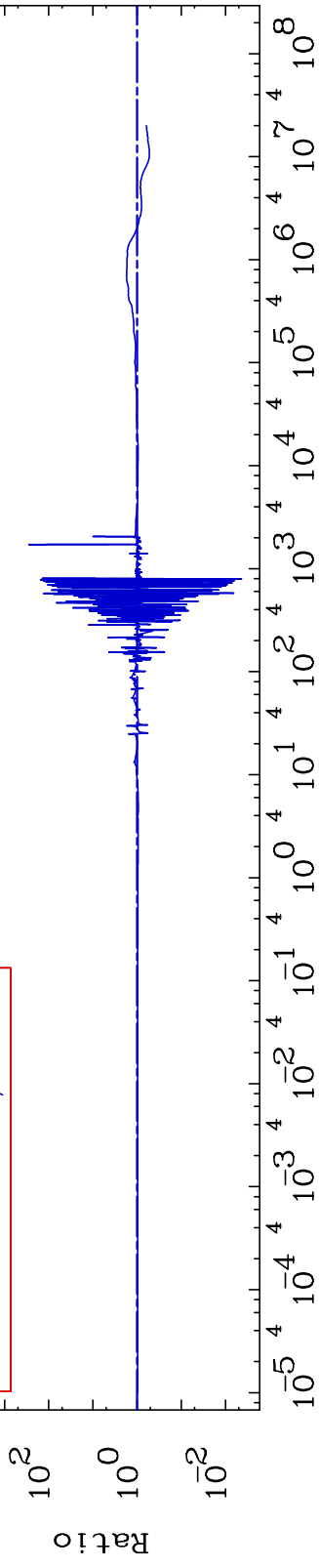
Cross Section

Min Ratio

Max Ratio



JENDL4.0/TENDL

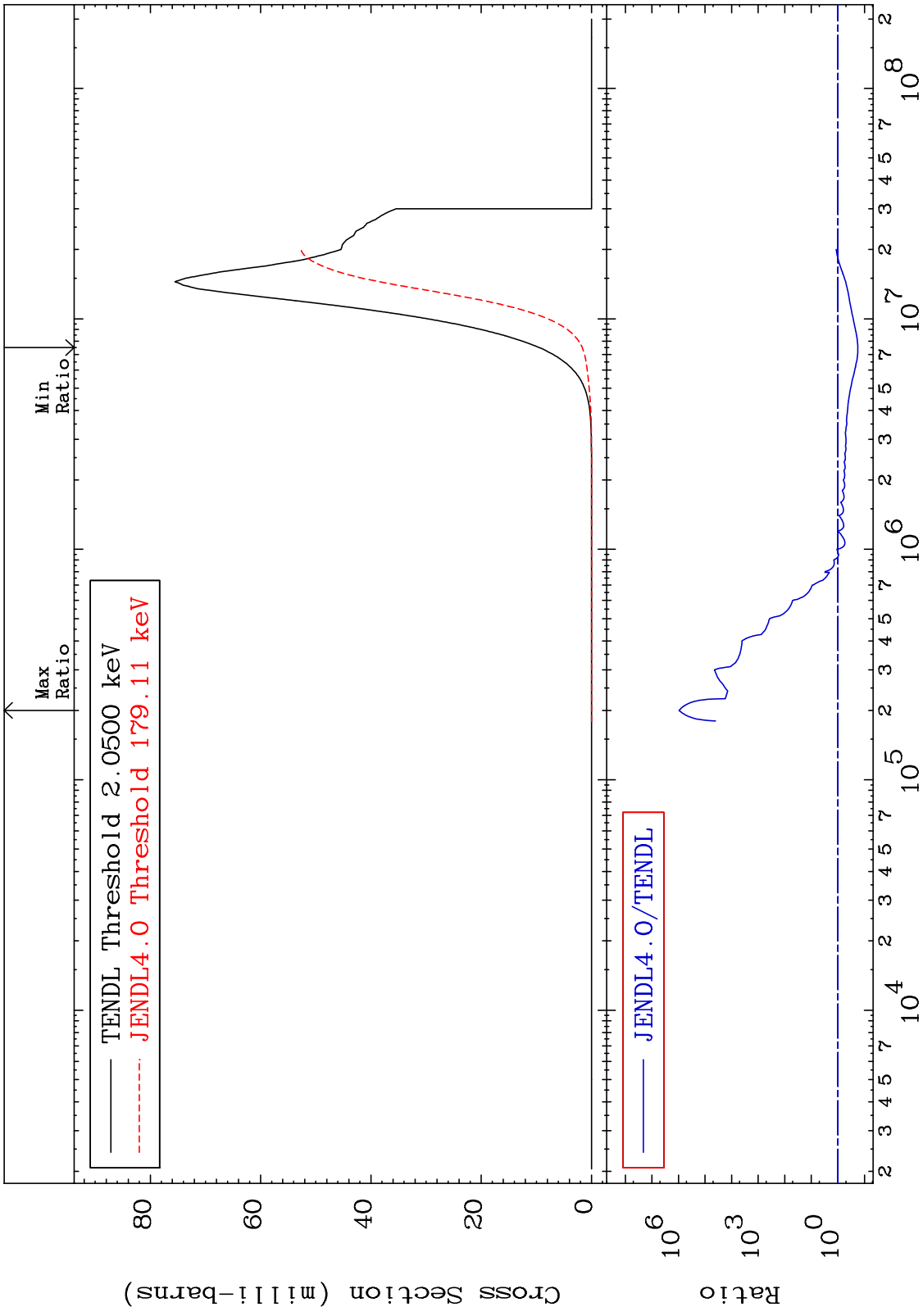


42

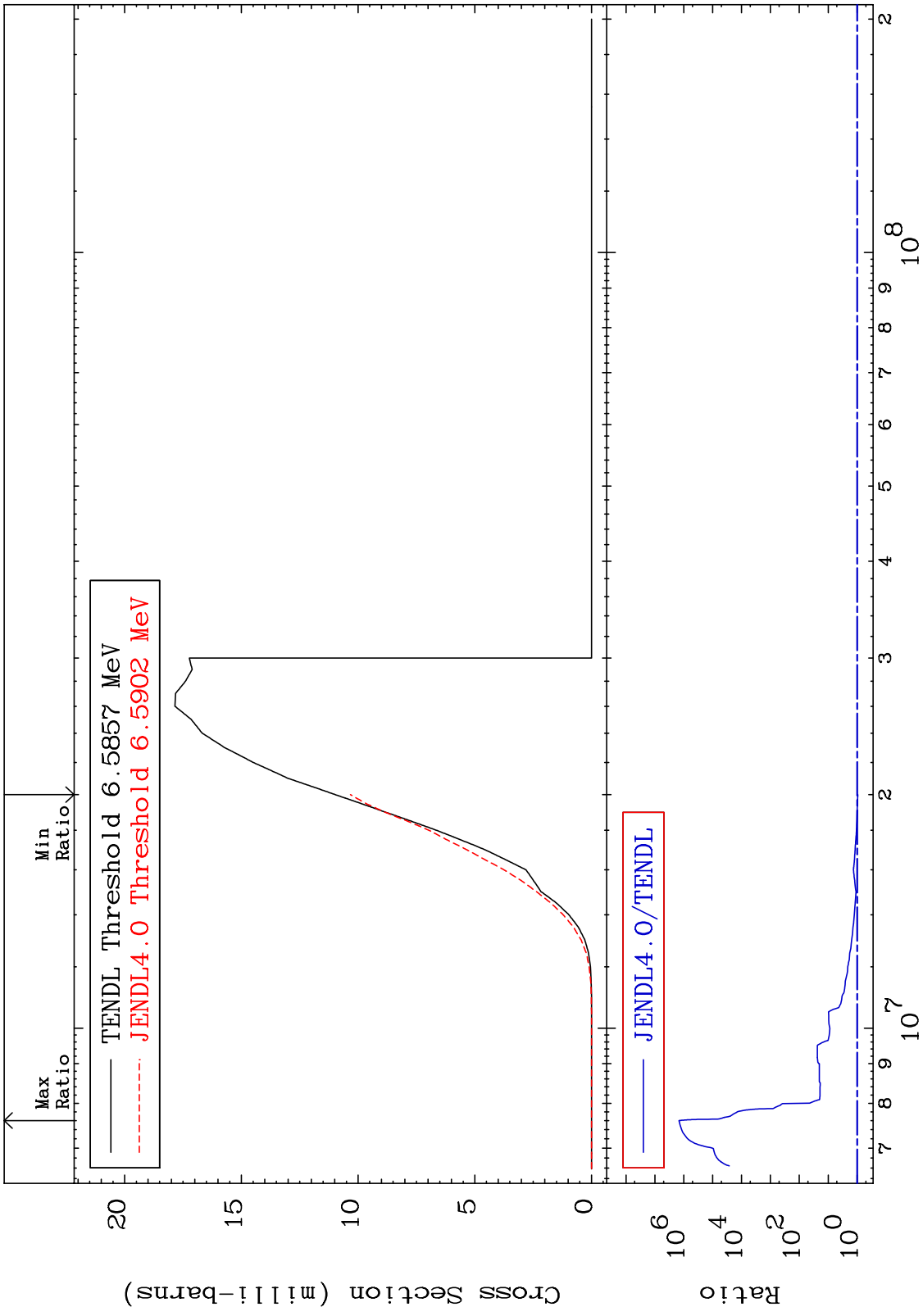
Incident Energy (eV)

46-Pd-105

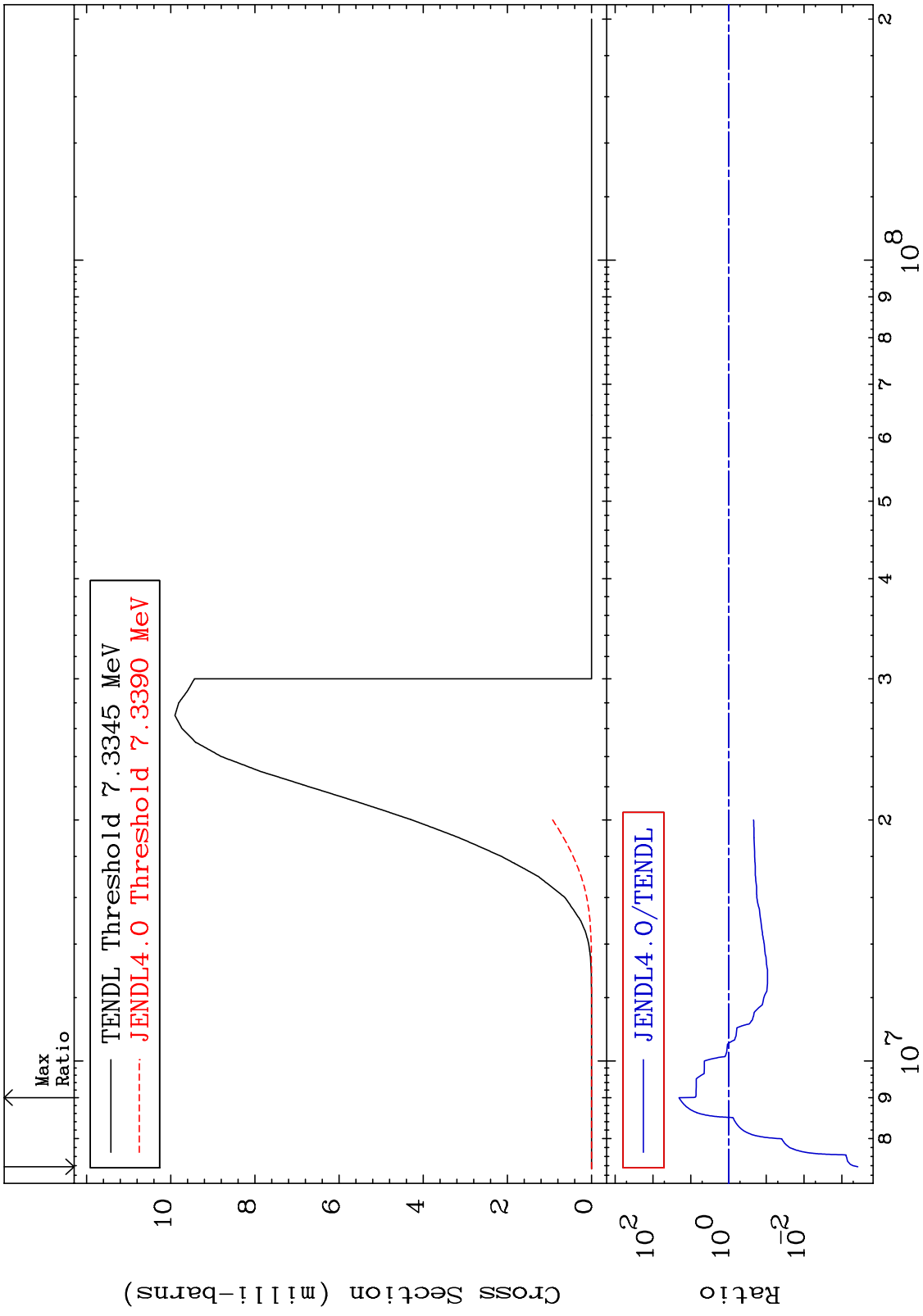
MAT 4634 (n,p) Cross Section 46-Pd-105 -82.24 To 9999. %



MAT 4634 (n,d) Cross Section 46-Pd-105
 -5.897 To 9999. %



MAT 4634 (n,t) 46-Pd-105
 Cross Section -99.96 To 1935. %



45 46-Pd-105 Incident Energy (eV)

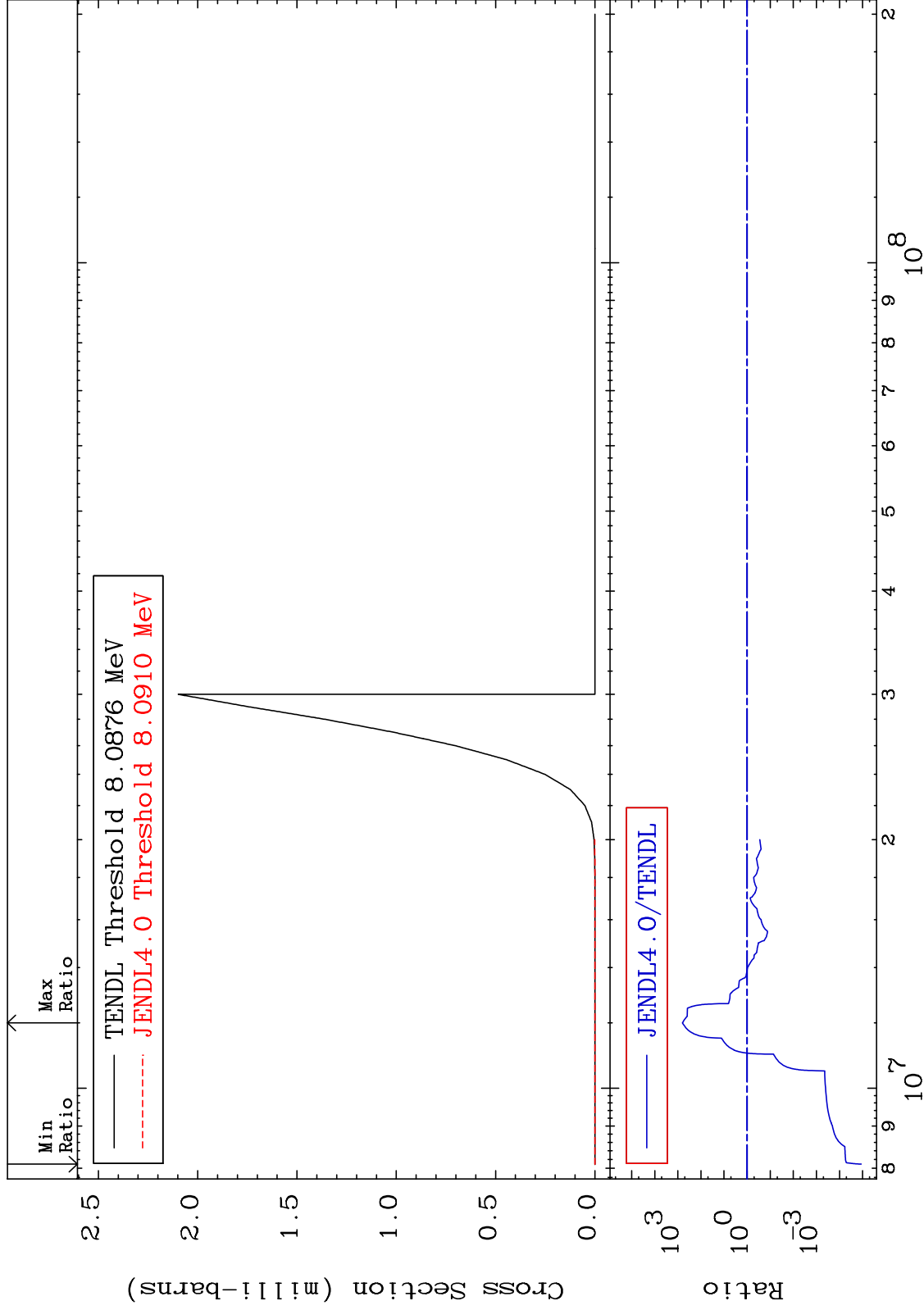
MAT 4634

(n,He-3)

46-Pd-105

-100.0 To 9999. %

Cross Section



46

Incident Energy (eV)

46-Pd-105

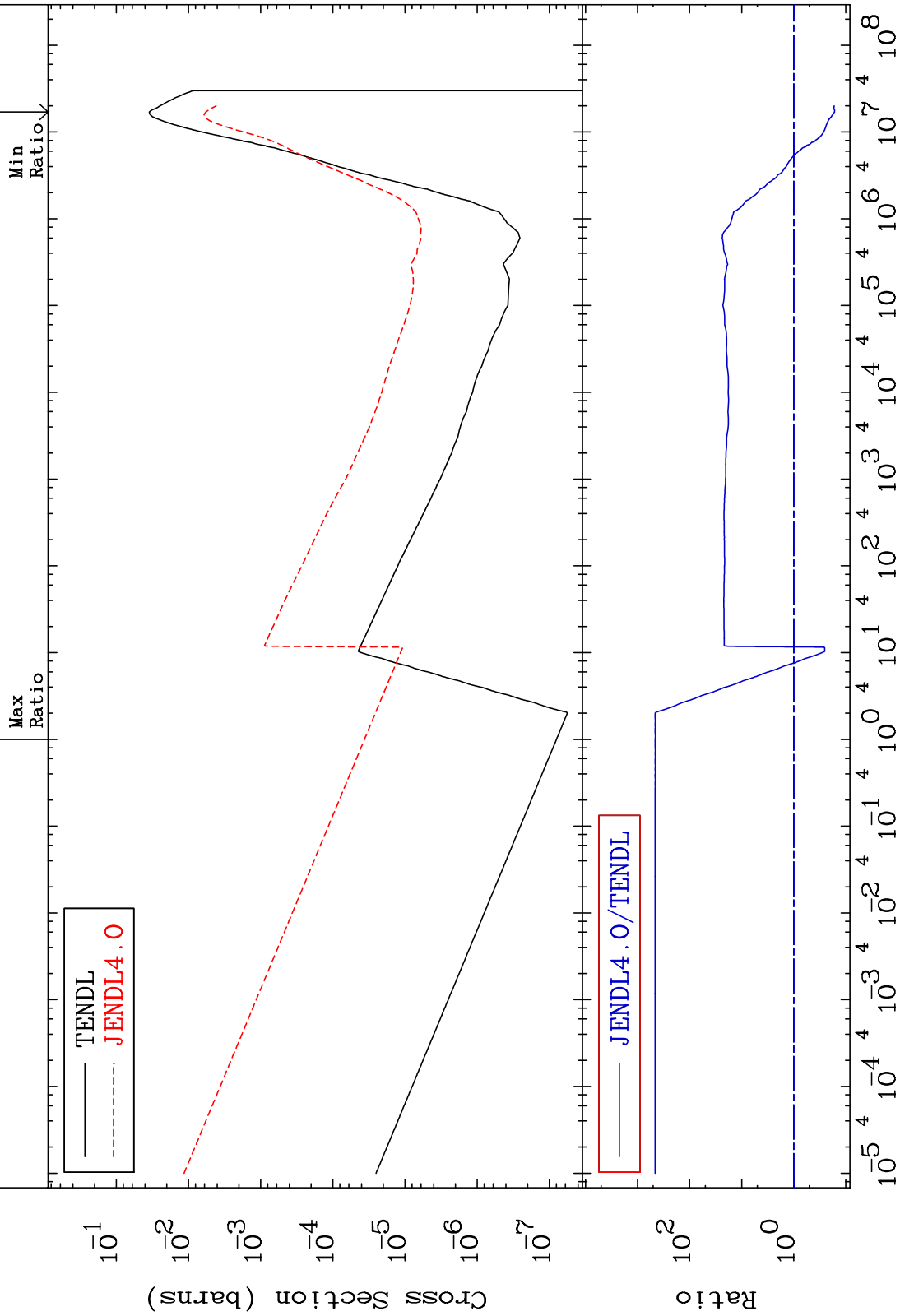
MAT 4634

(n, α)

46-Pd-105

-83.58 To 9999. %

Cross Section

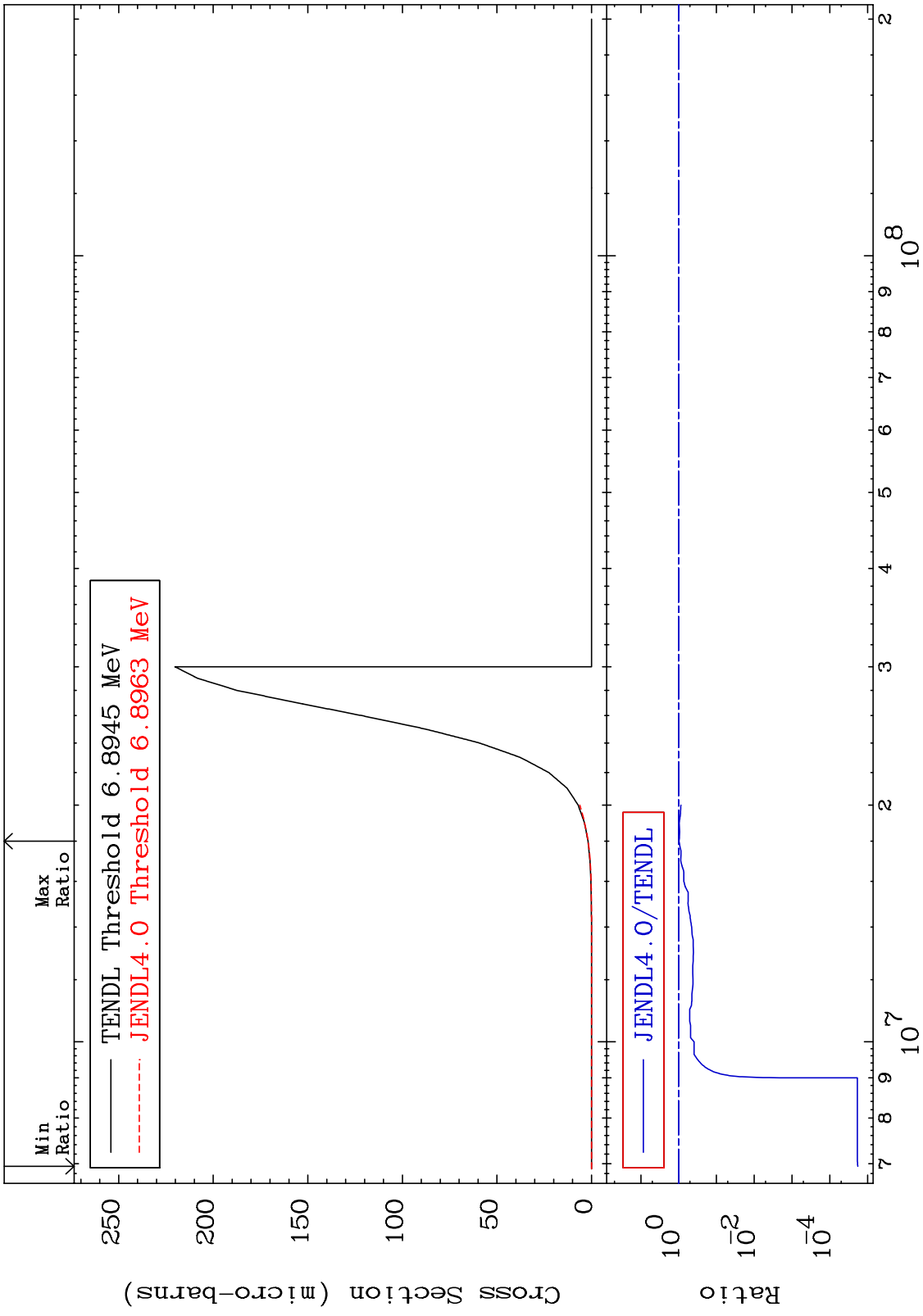


47

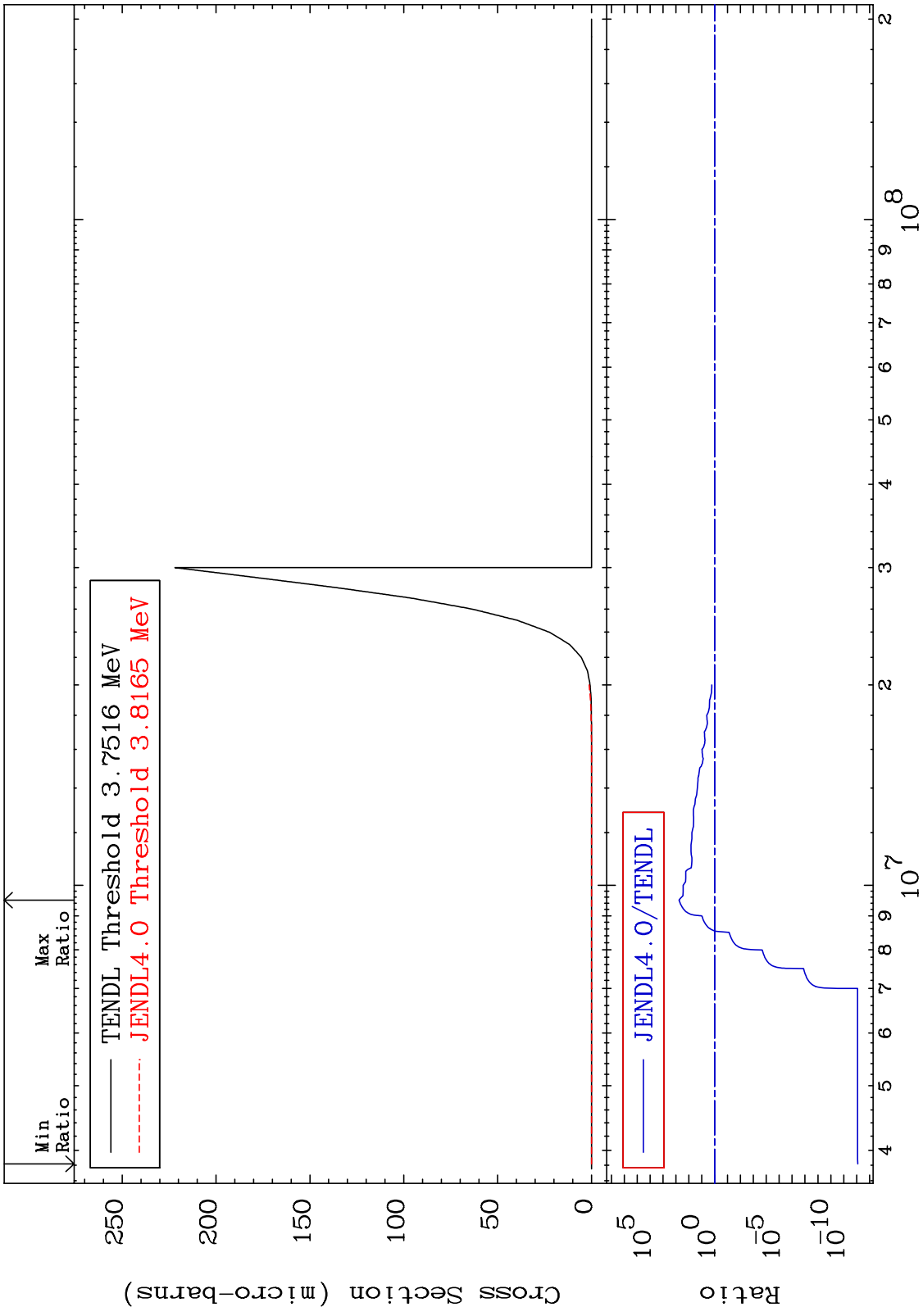
Incident Energy (eV)

46-Pd-105

MAT 4634 (n,2p) Cross Section 46-Pd-105
 -100.0 To -2.502%



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

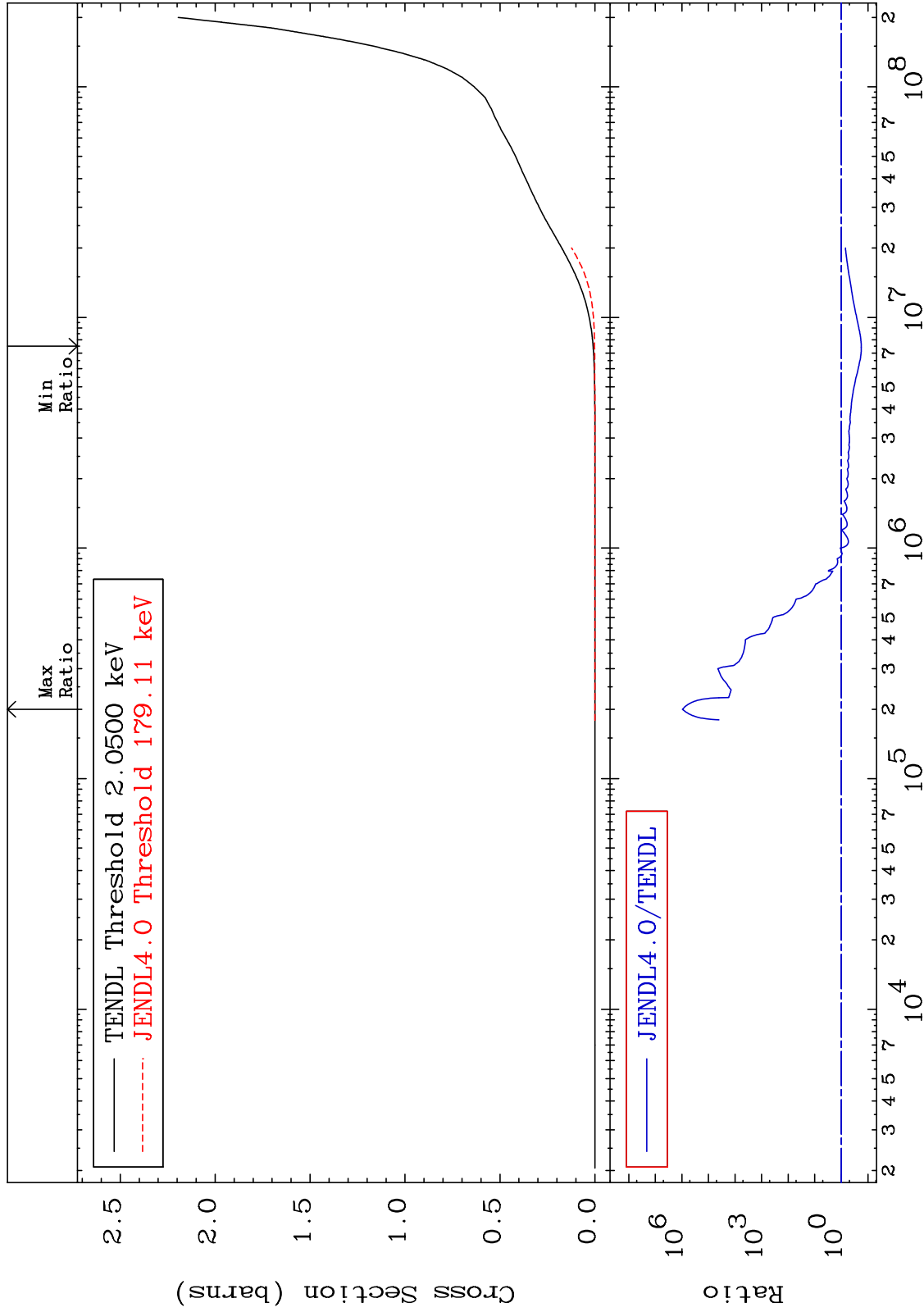


49 46-Pd-105 Incident Energy (eV)

MAT 4634

Hydrogen Production
Cross Section

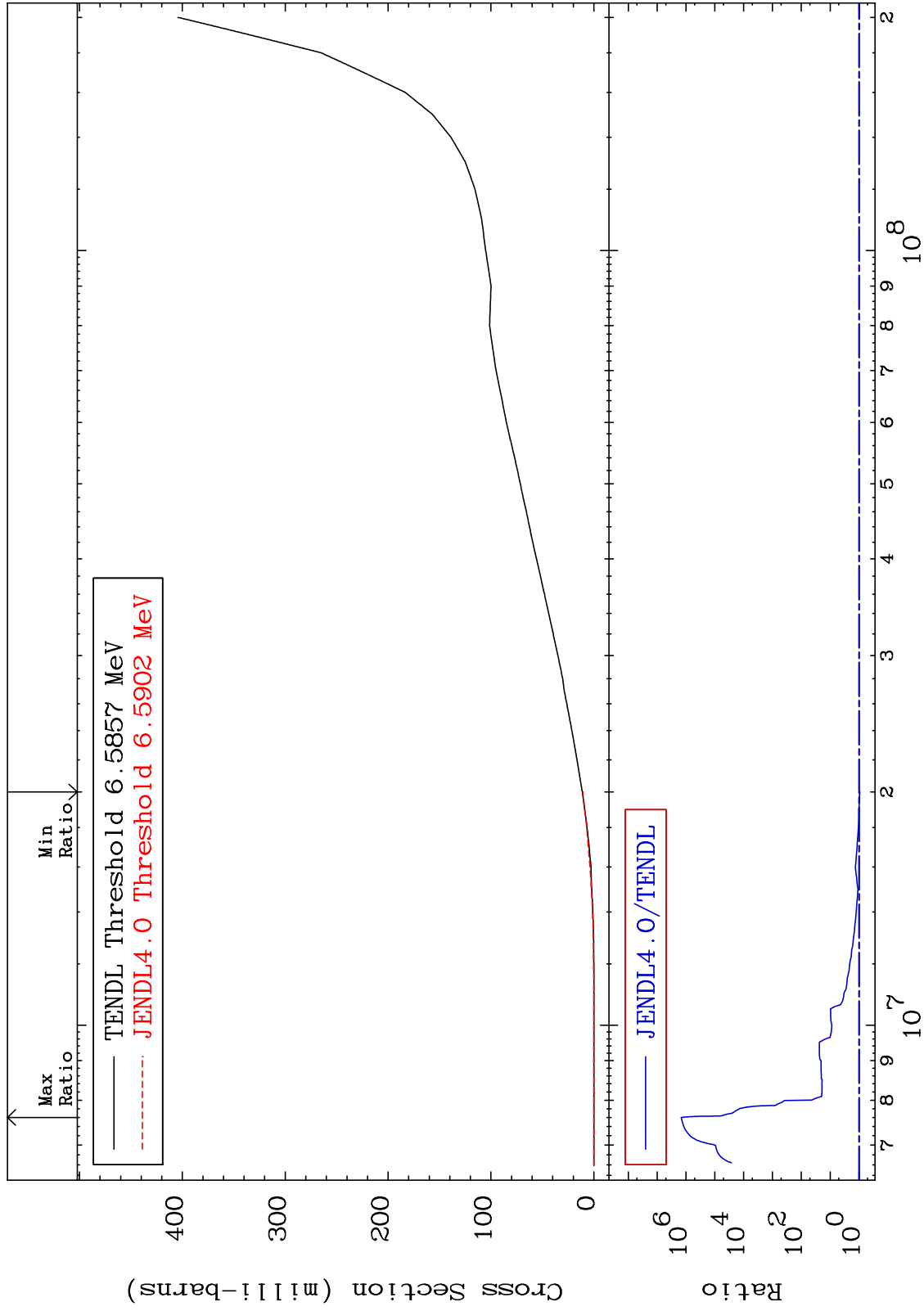
46-Pd-105
-82.24 To 9999. %



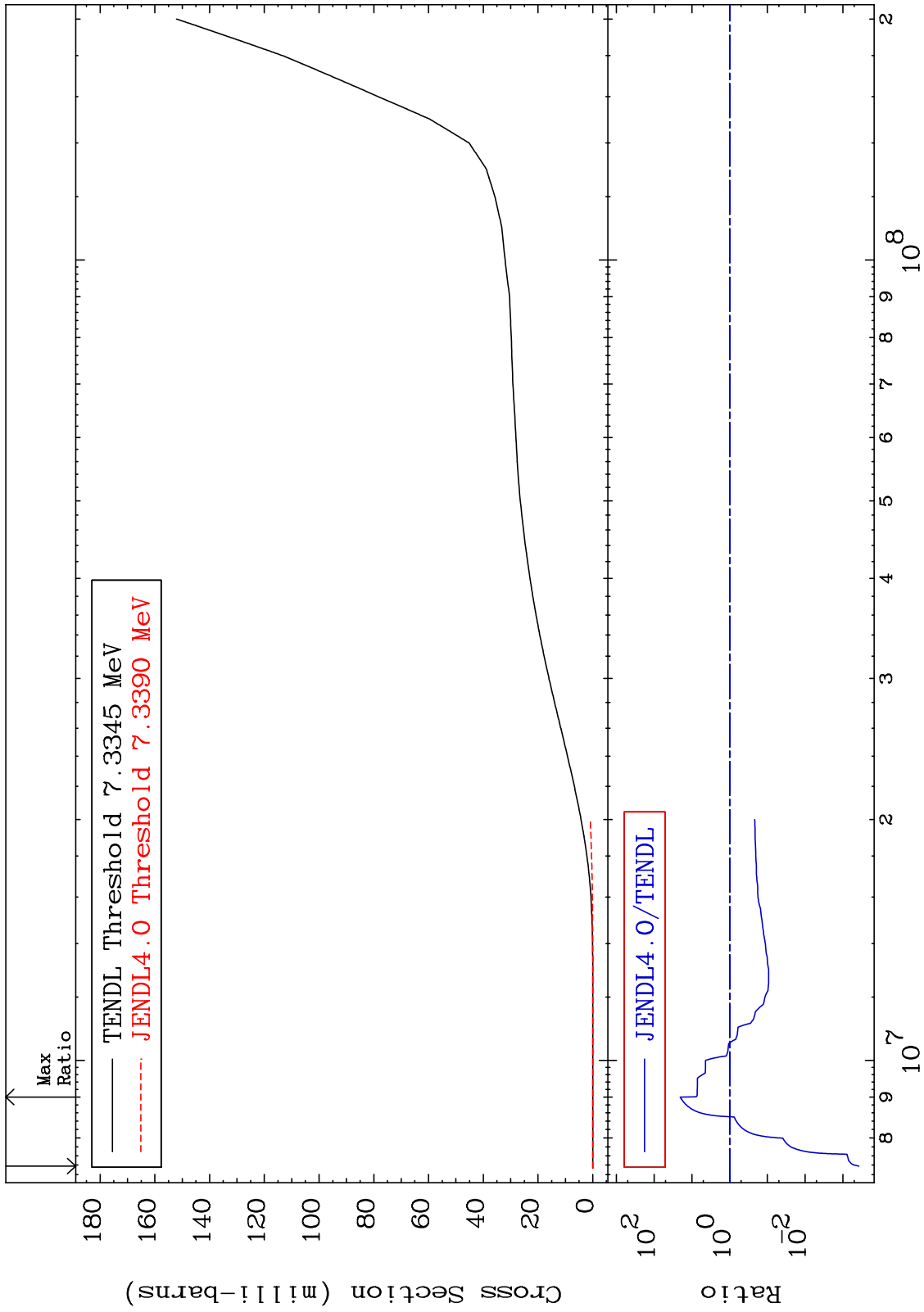
MAT 4634

Deuterium Production
Cross Section

46-Pd-105
-6.061 To 9999. %



MAT 4634 Tritium Production Cross Section 46-Pd-105 -99.96 To 1935. %

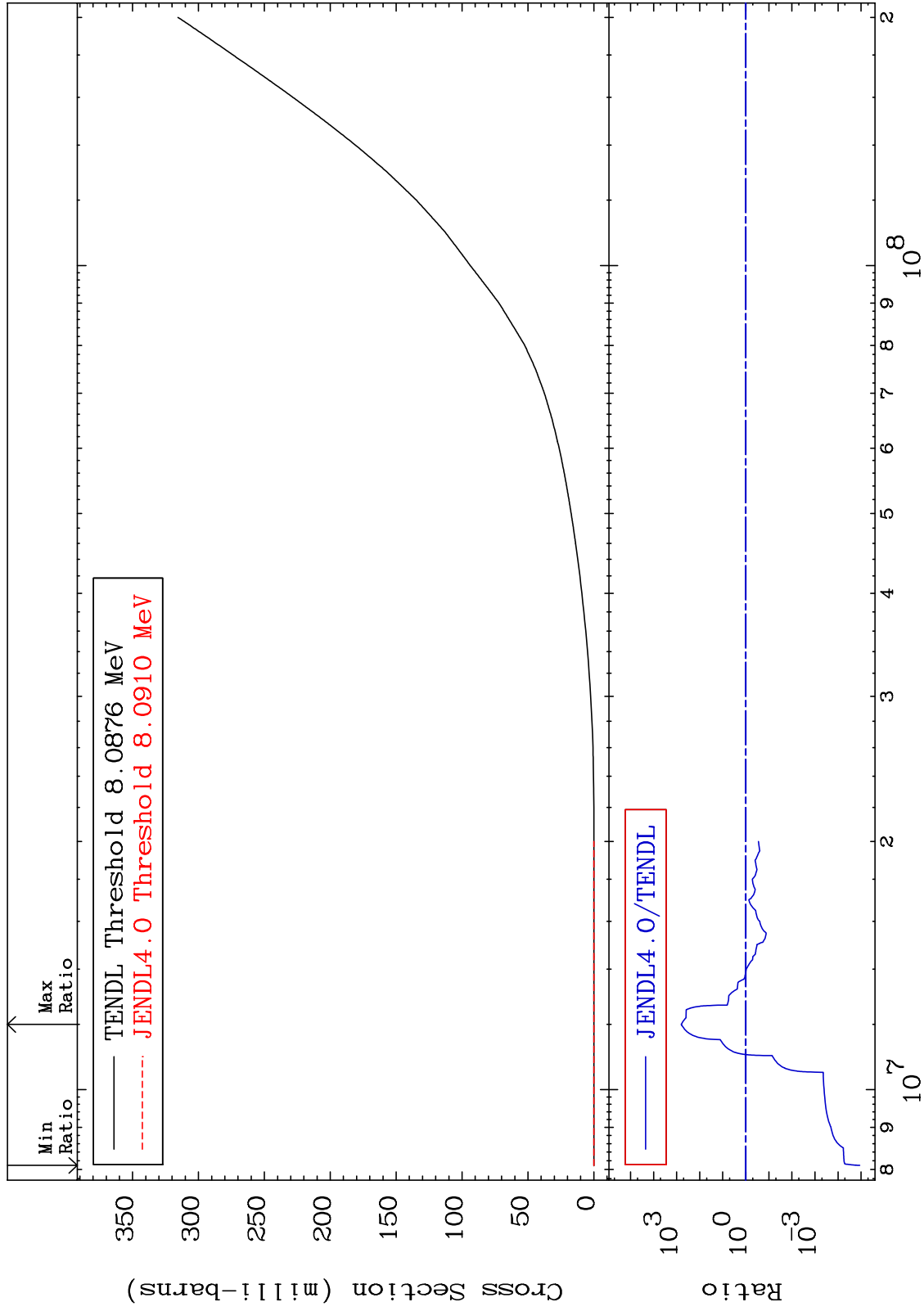


52 46-Pd-105 Incident Energy (eV)

MAT 4634

He-3 Production
Cross Section

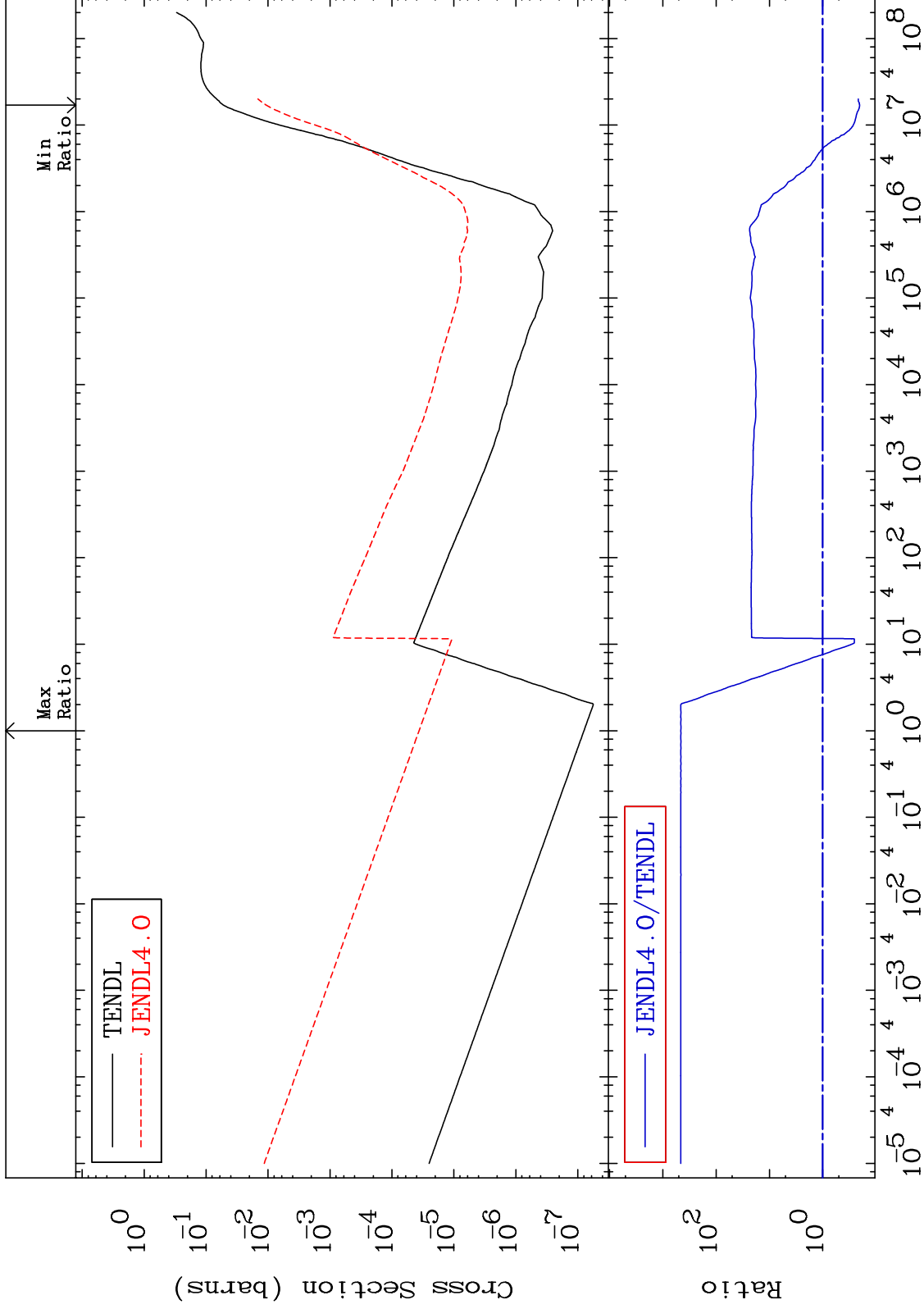
46-Pd-105
-100.0 To 9999. %



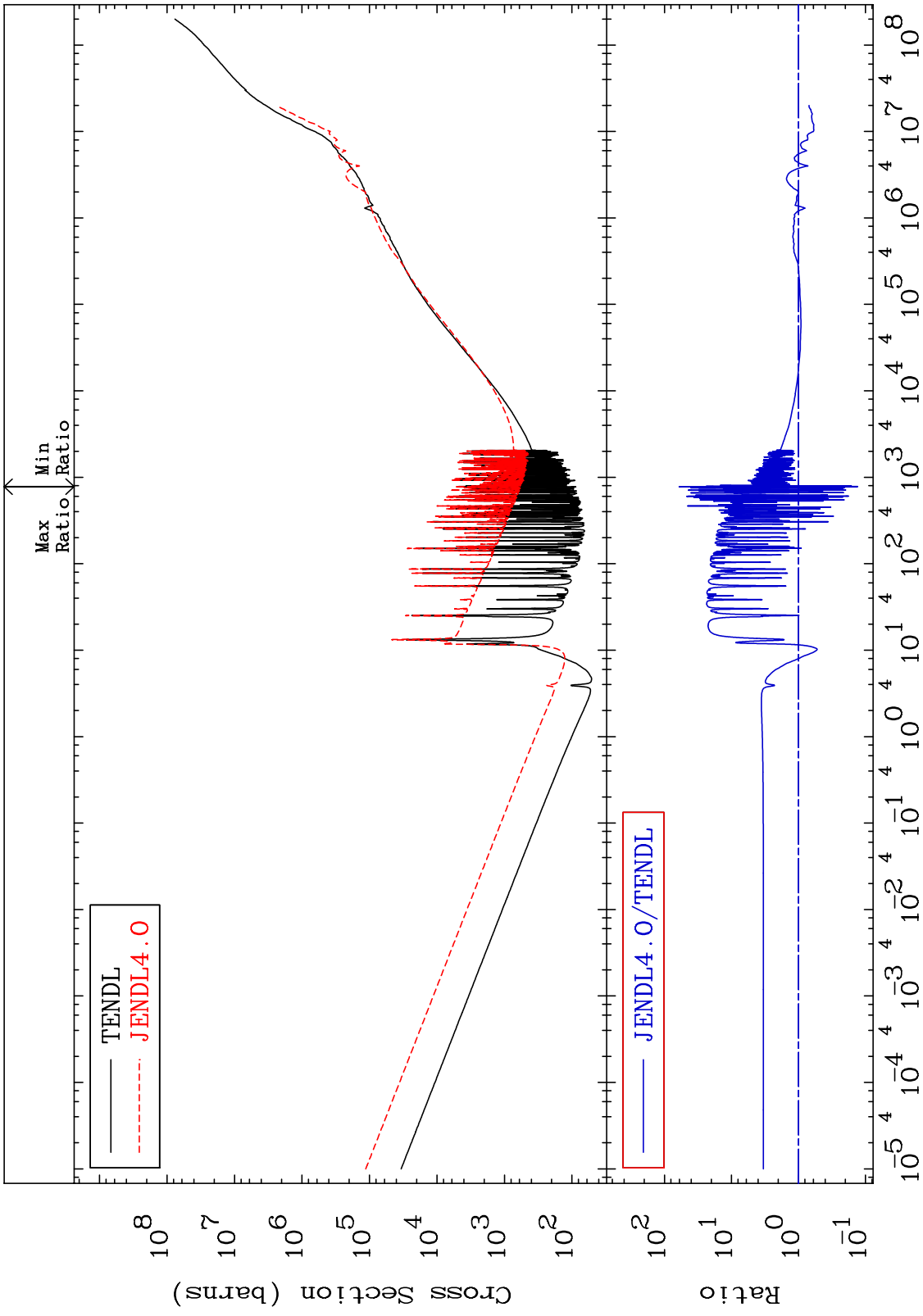
MAT 4634

He-4 Production
Cross Section

46-Pd-105
-79.68 To 9999. %



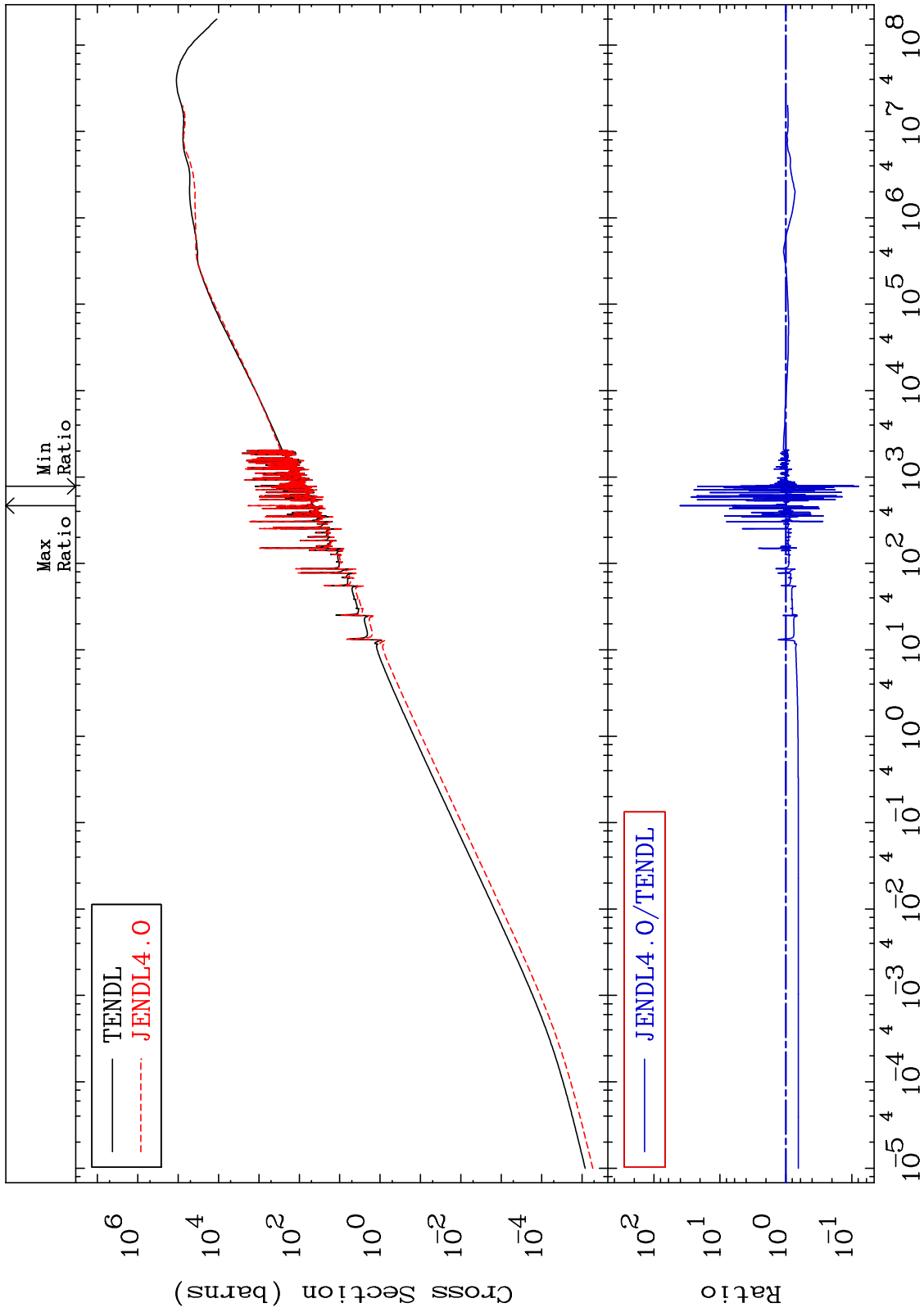
MAT 4634 Kerma total (eV-barns) 46-Pd-105
 Cross Section -86.99 To 5965. %



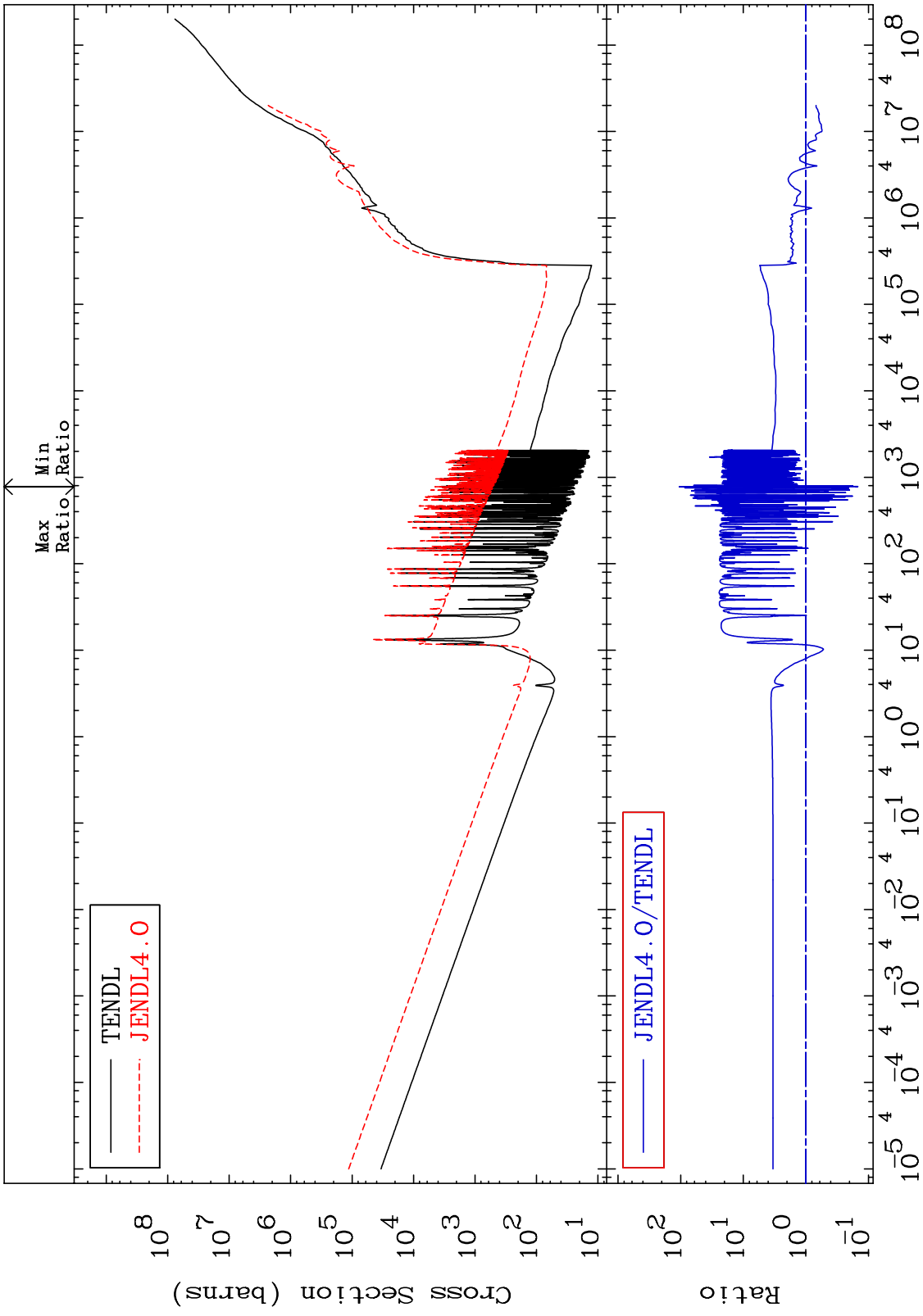
MAT 4634

Kerma elastic
Cross Section

46-Pd-105
-92.18 To 3906. %

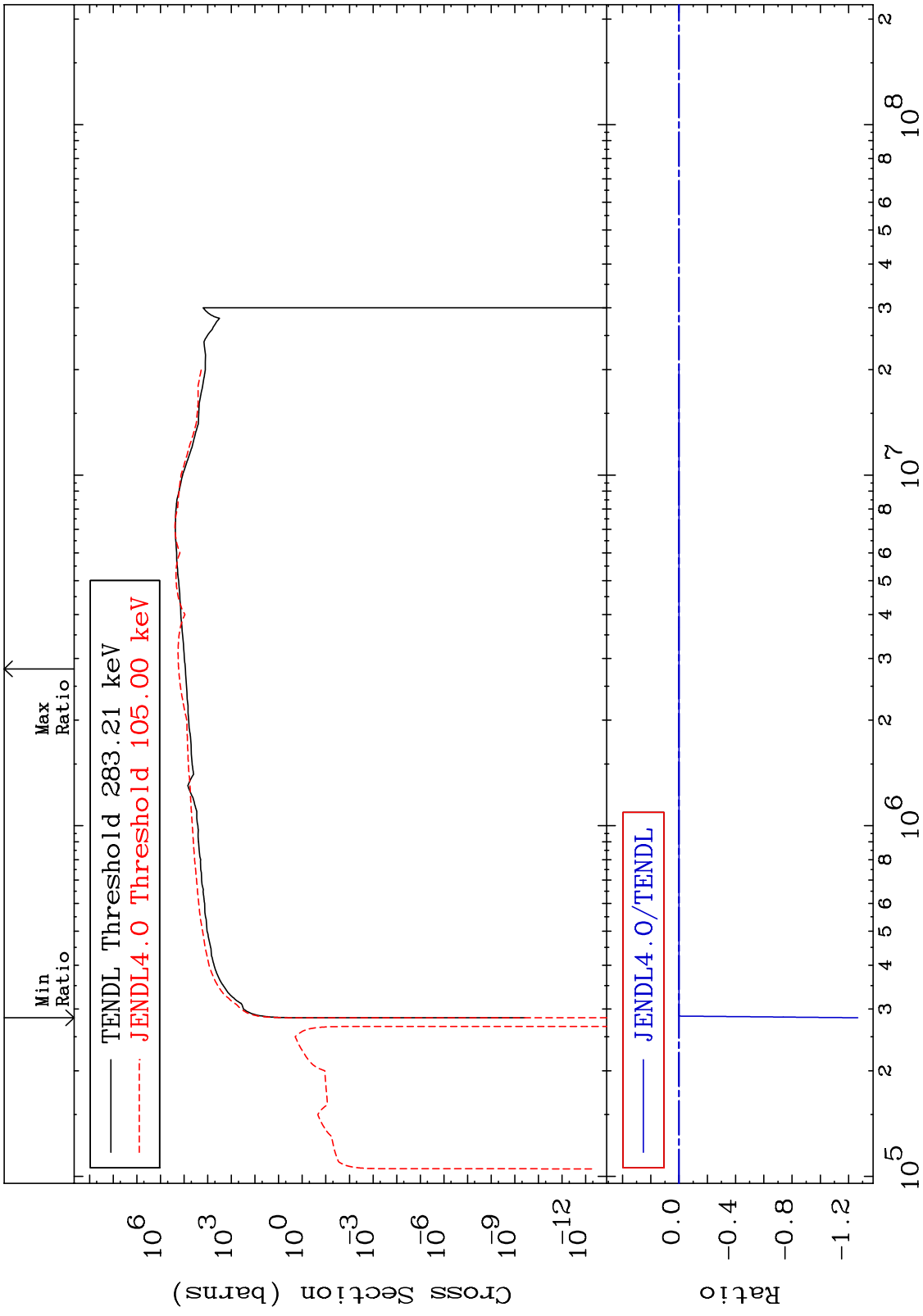


MAT 4634 Kerma non-elastic (all but mt2) 46-Pd-105
 Cross Section -85.24 To 9999. %



57 Incident Energy (eV) 46-Pd-105

MAT 4634 Kerma inelastic (mt51-91) 46-Pd-105
 Cross Section -9999. To 91.56 %

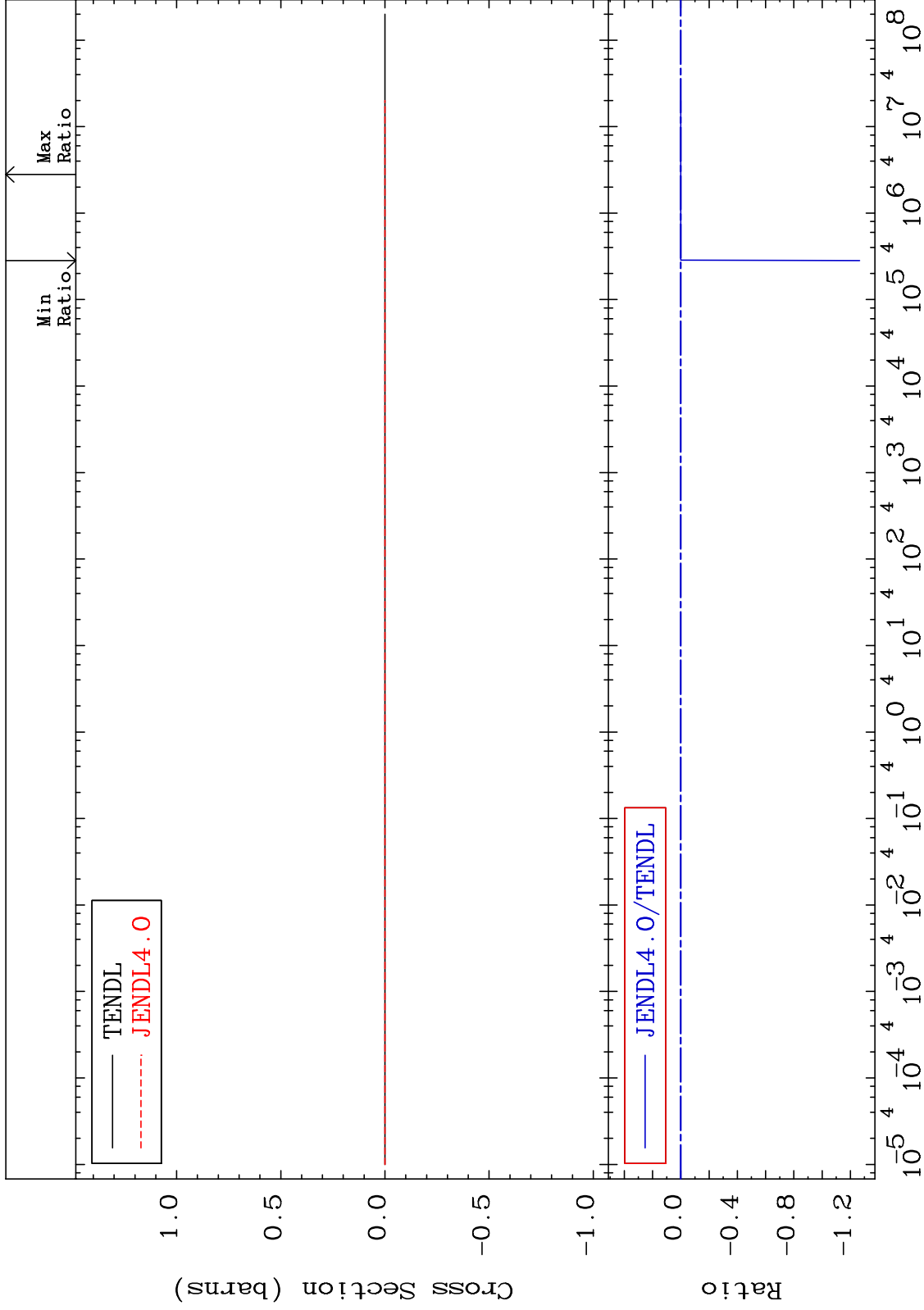


58 Incident Energy (eV) 46-Pd-105

MAT 4634

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

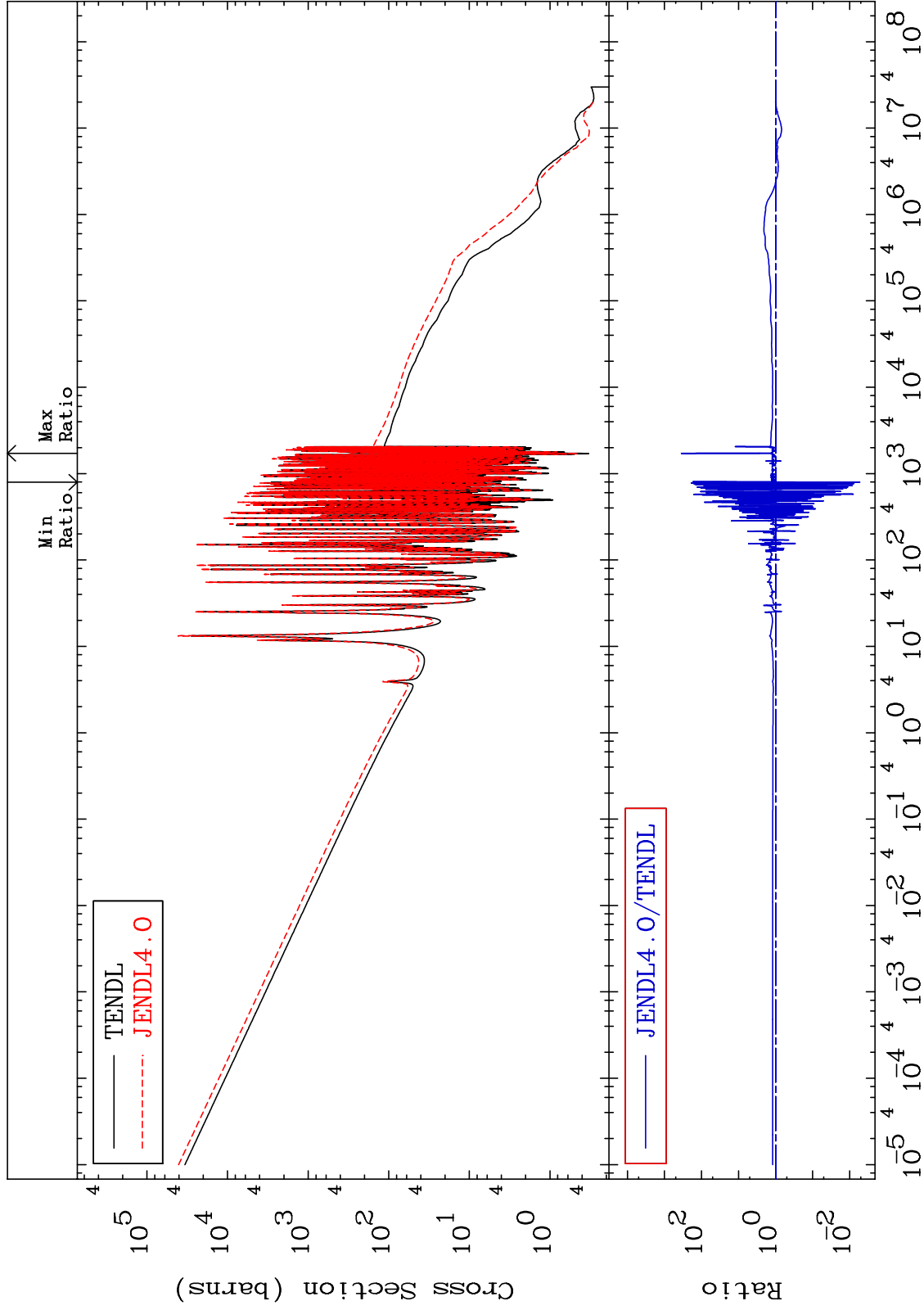
46-Pd-105
-9999. To 91.56 %



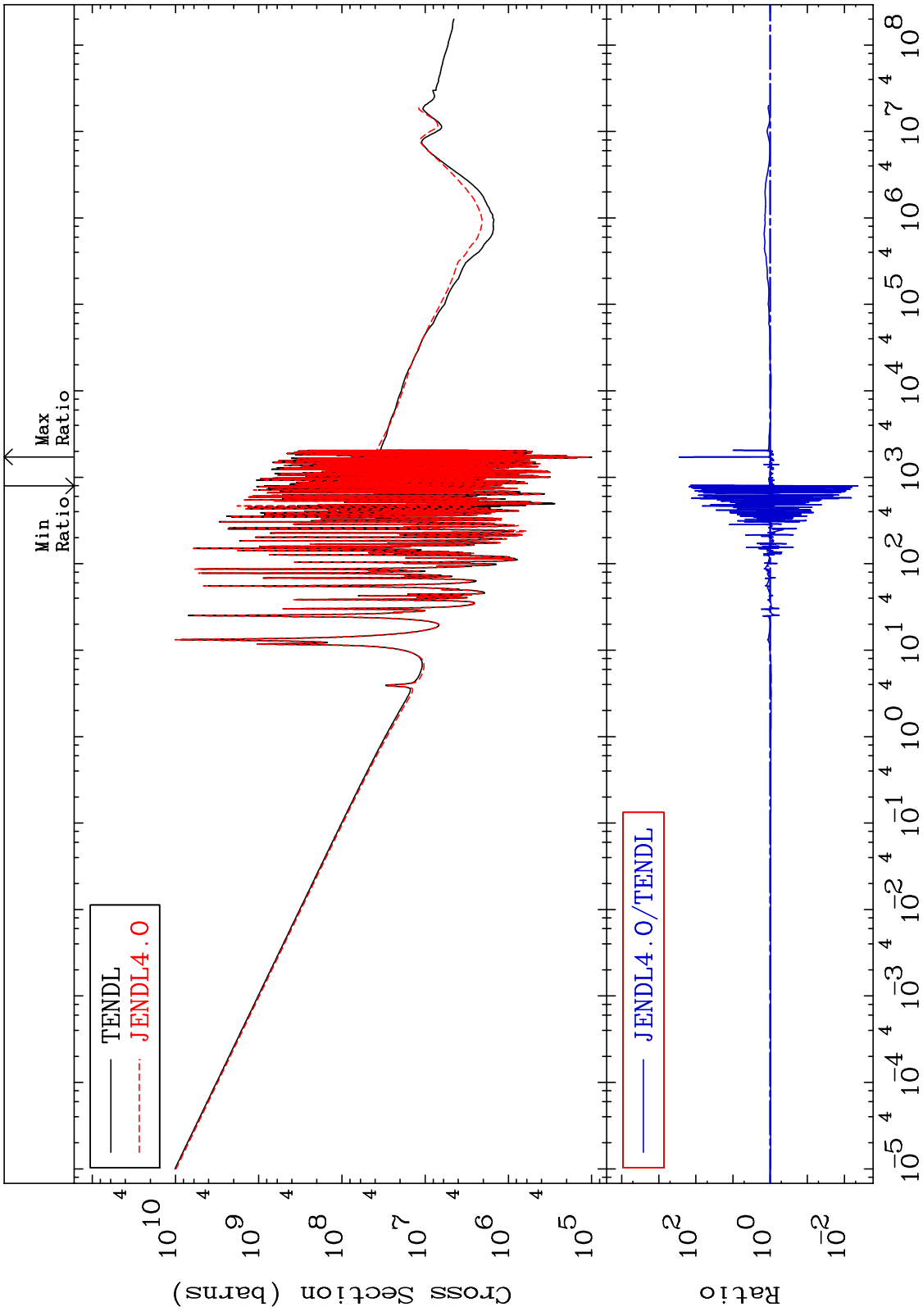
MAT 4634

Kerma capture (mt102)
Cross Section

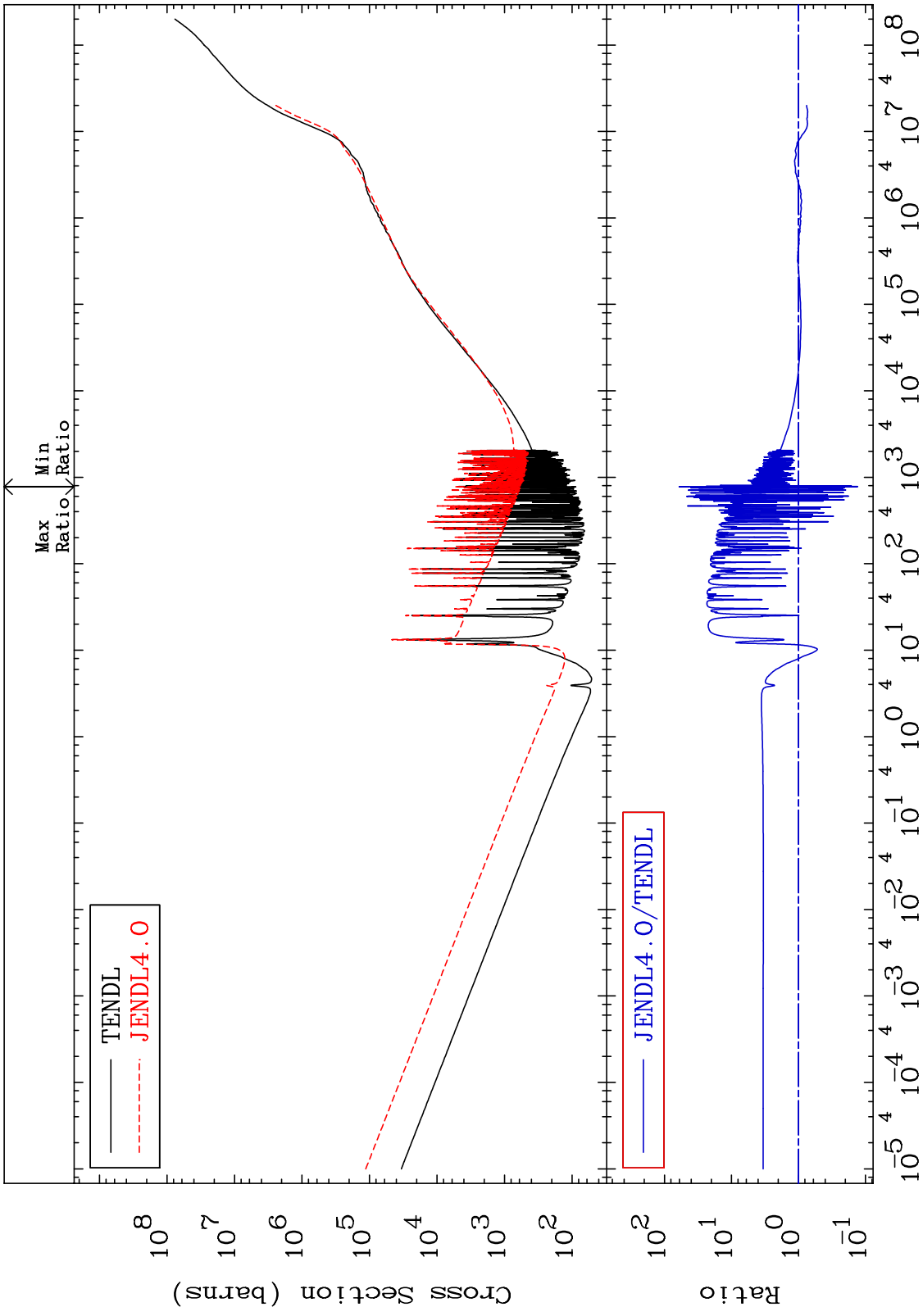
46-Pd-105
-99.47 To 9999. %



MAT 4634 Total photon (eV-barns) 46-Pd-105
 Cross Section -99.57 To 9999. %



MAT 4634 Total kinematic kerma (high limit) 46-Pd-105
 Cross Section -86.99 To 5955. %

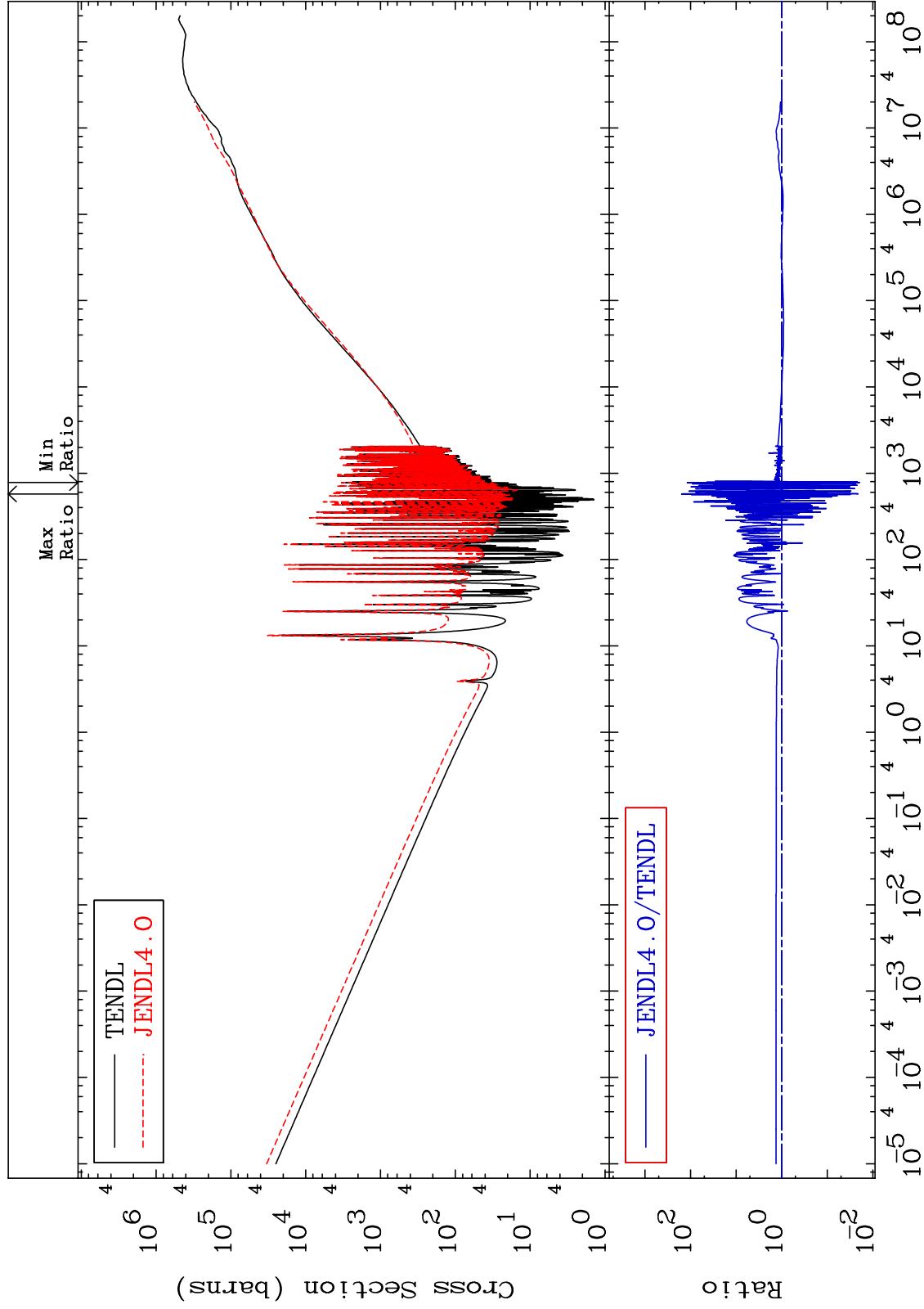


62 Incident Energy (eV) 46-Pd-105

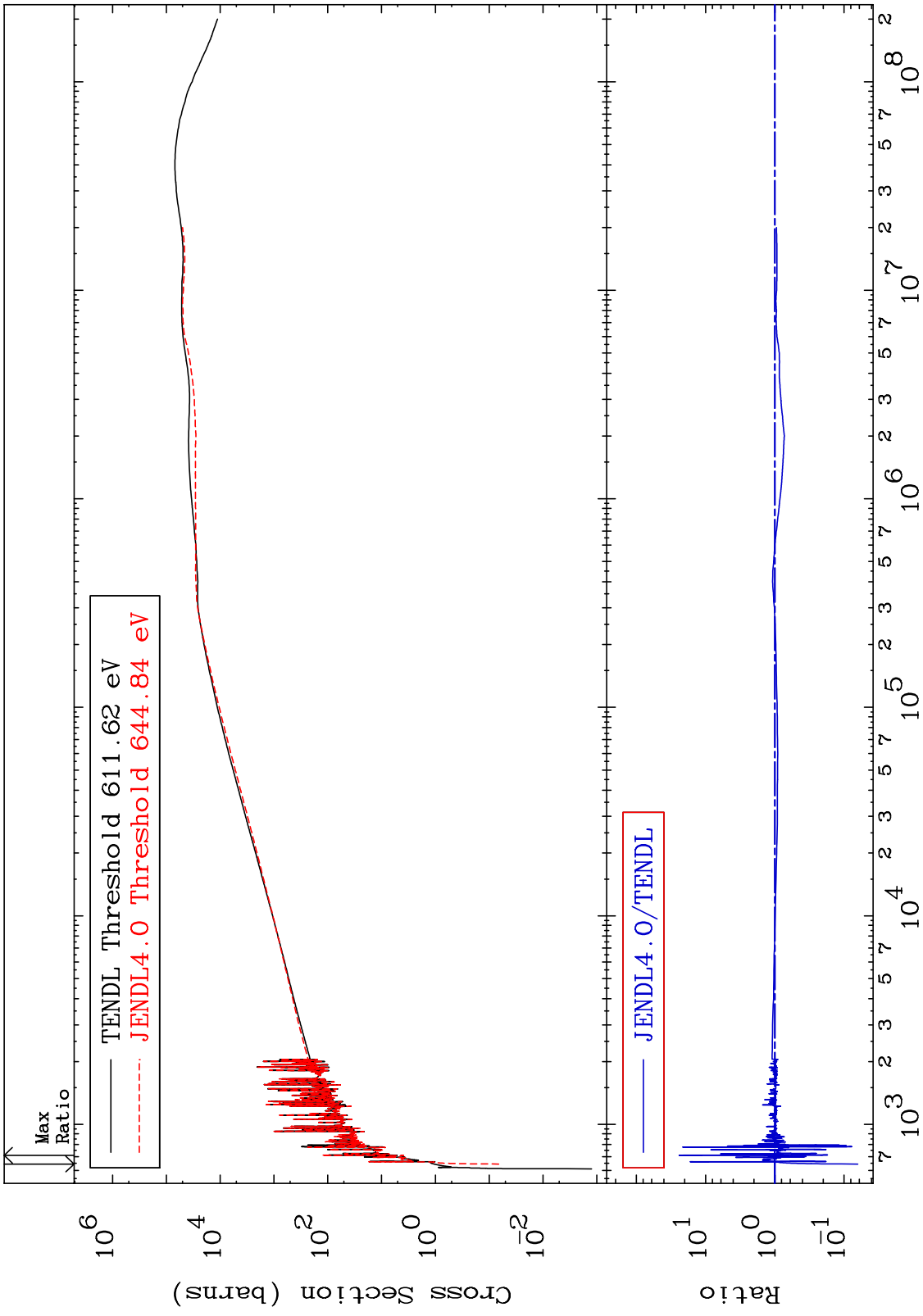
MAT 4634

Dpa total (eV-barns)
Cross Section

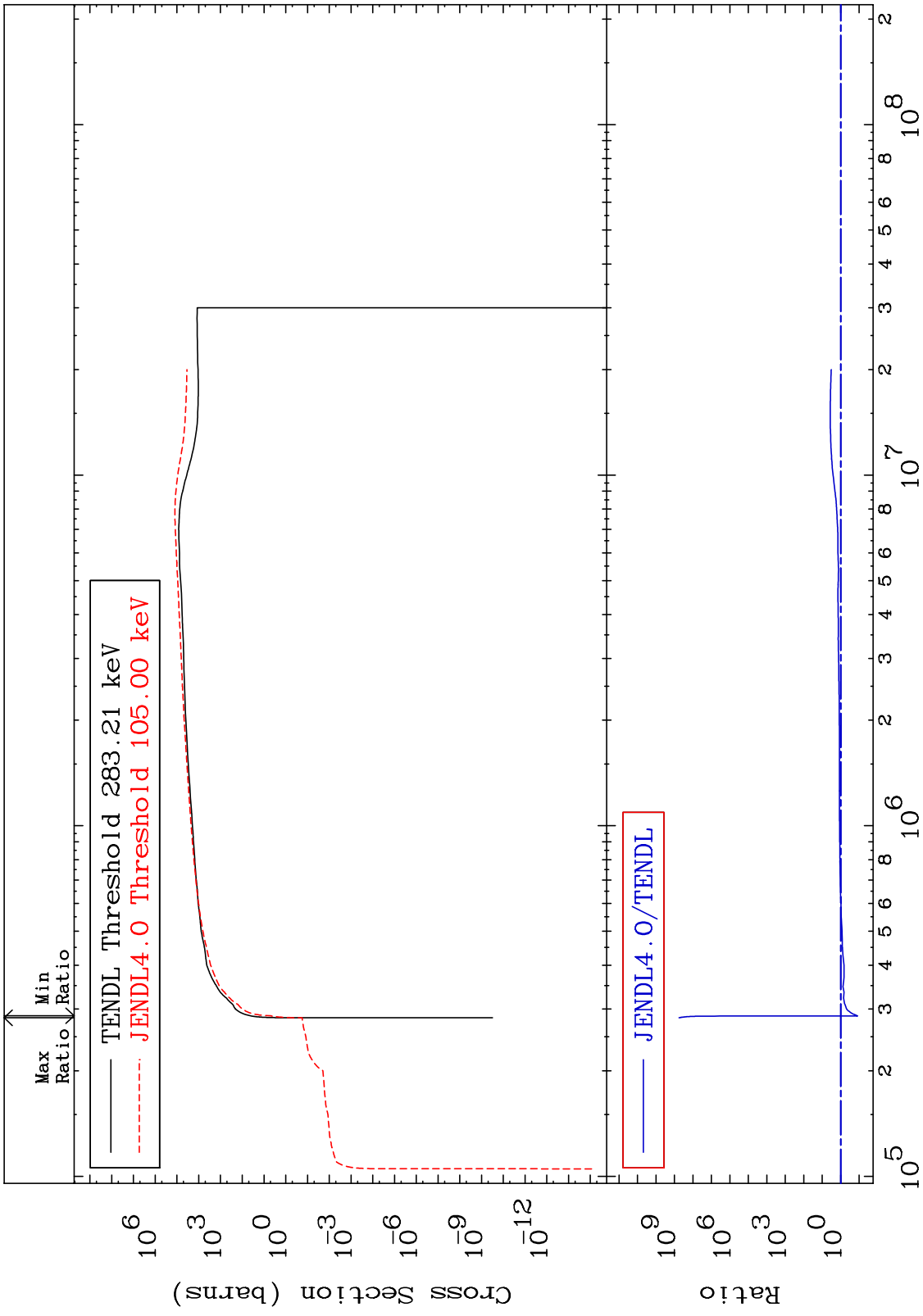
46-Pd-105
-98.07 To 9999. %



MAT 4634 Dpa elastic (mt2) 46-Pd-105
Cross Section -93.68 To 2319. %



MAT 4634 Dpa inelastic (mt51-91) 46-Pd-105
 Cross Section -88.27 To 9999. %



65 Incident Energy (eV) 46-Pd-105

MAT 4634

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-105
-98.87 To 9999. %

