

Program Complot
(Version 2021-1)

by

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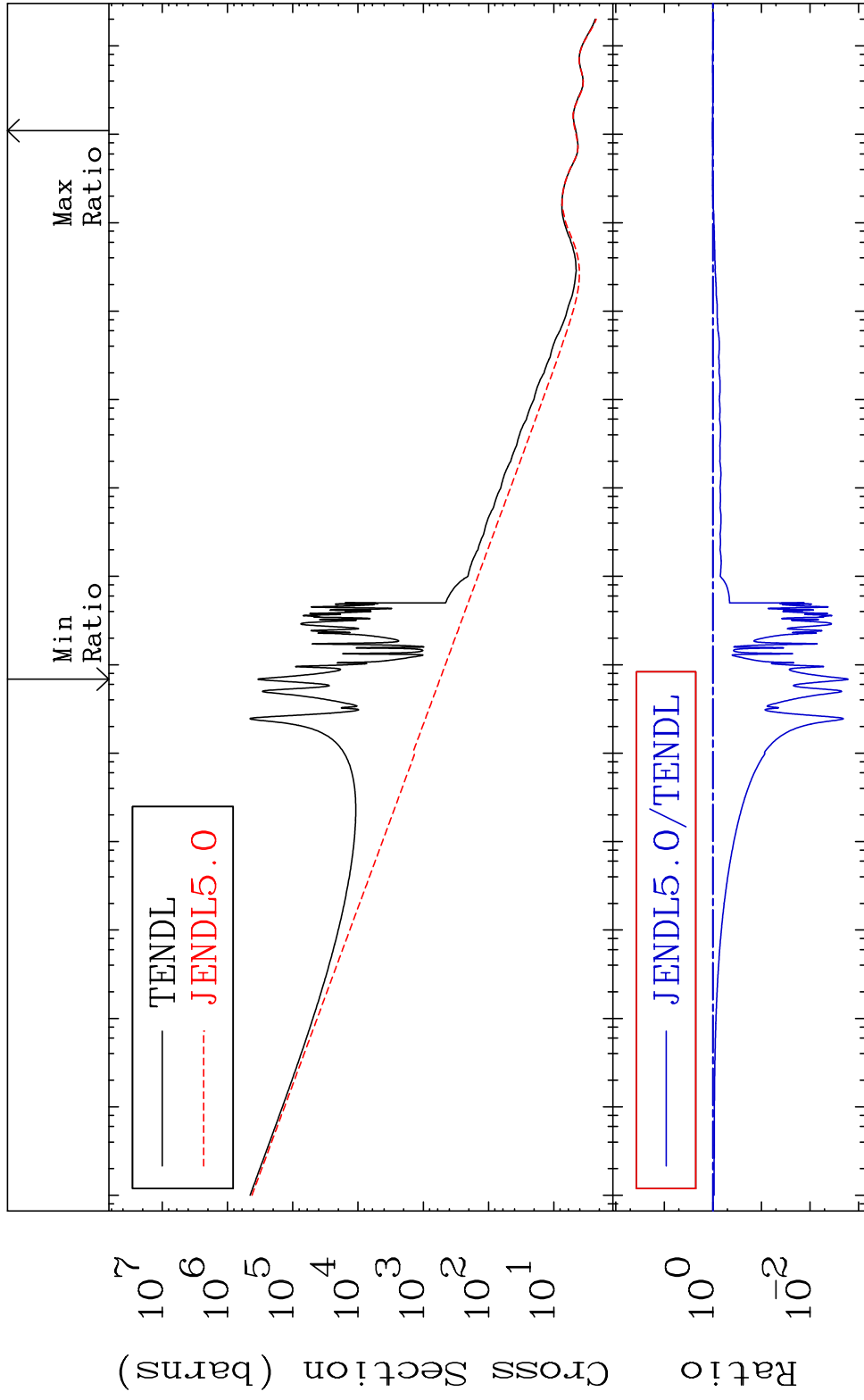
Press Mouse Button to Start

MAT 6146

Total

61-Pm-146

Cross Section -99.84 To 1.949 %



1

Incident Energy (eV)

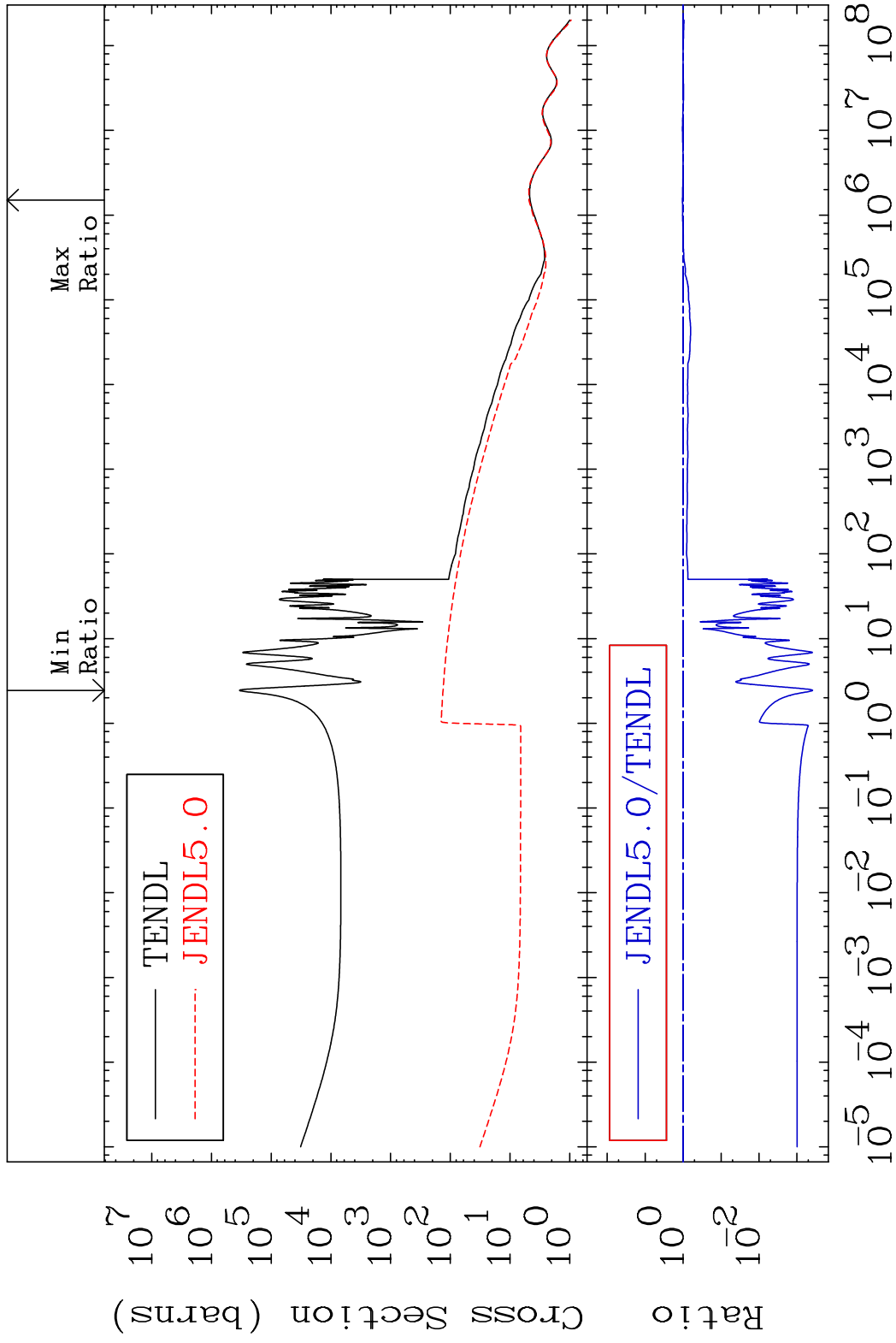
61-Pm-146

MAT 6146

Elastic

61-Pm-146

Cross Section -99.96 To 4.665 %



2

Incident Energy (eV)

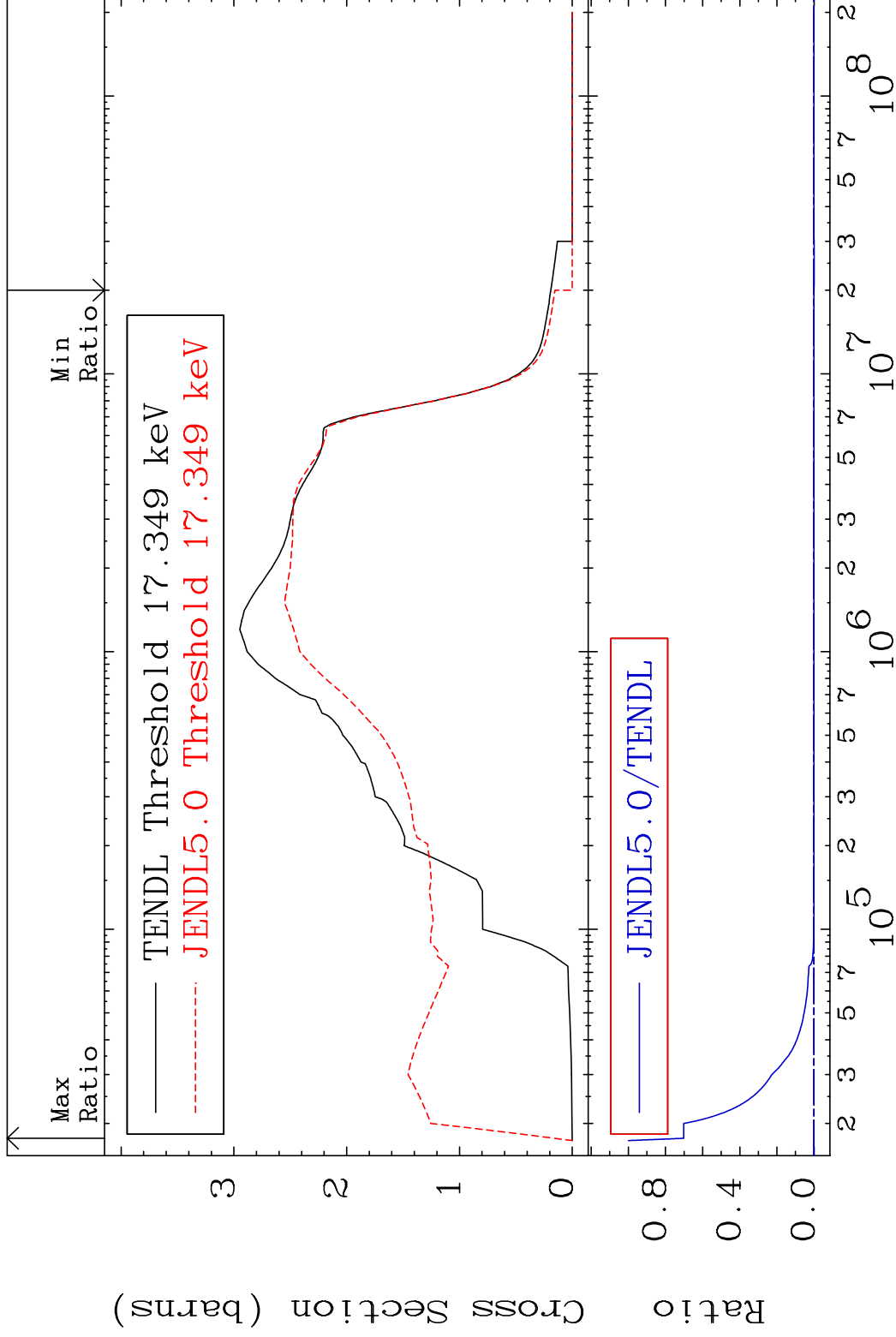
61-Pm-146

MAT 6146

Inelastic

61-Pm-146

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

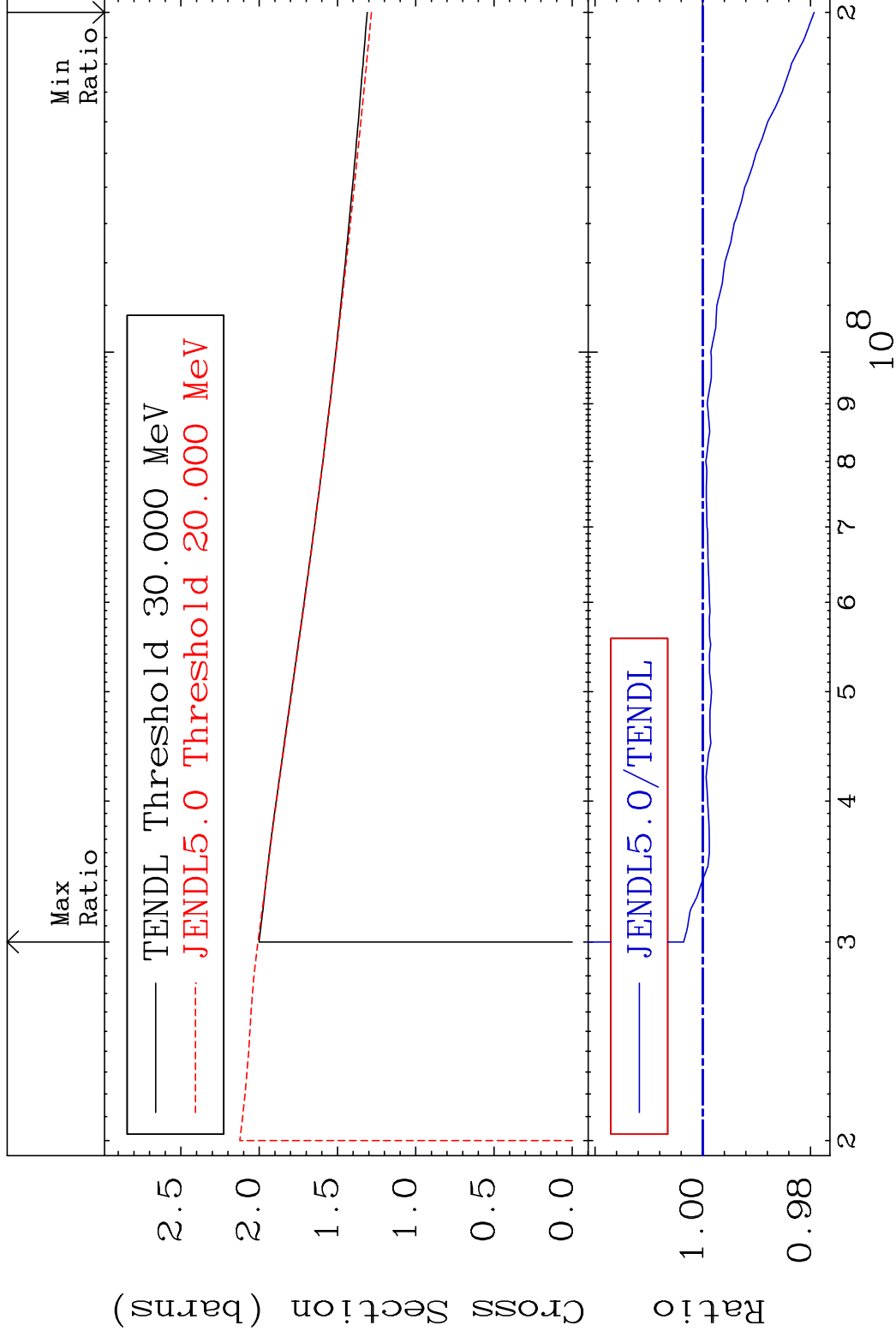
61-Pm-146

MAT 6146

(n, remainder)

61-Pm-146

Cross Section -2.068 To 0.354 %



4

Incident Energy (eV)

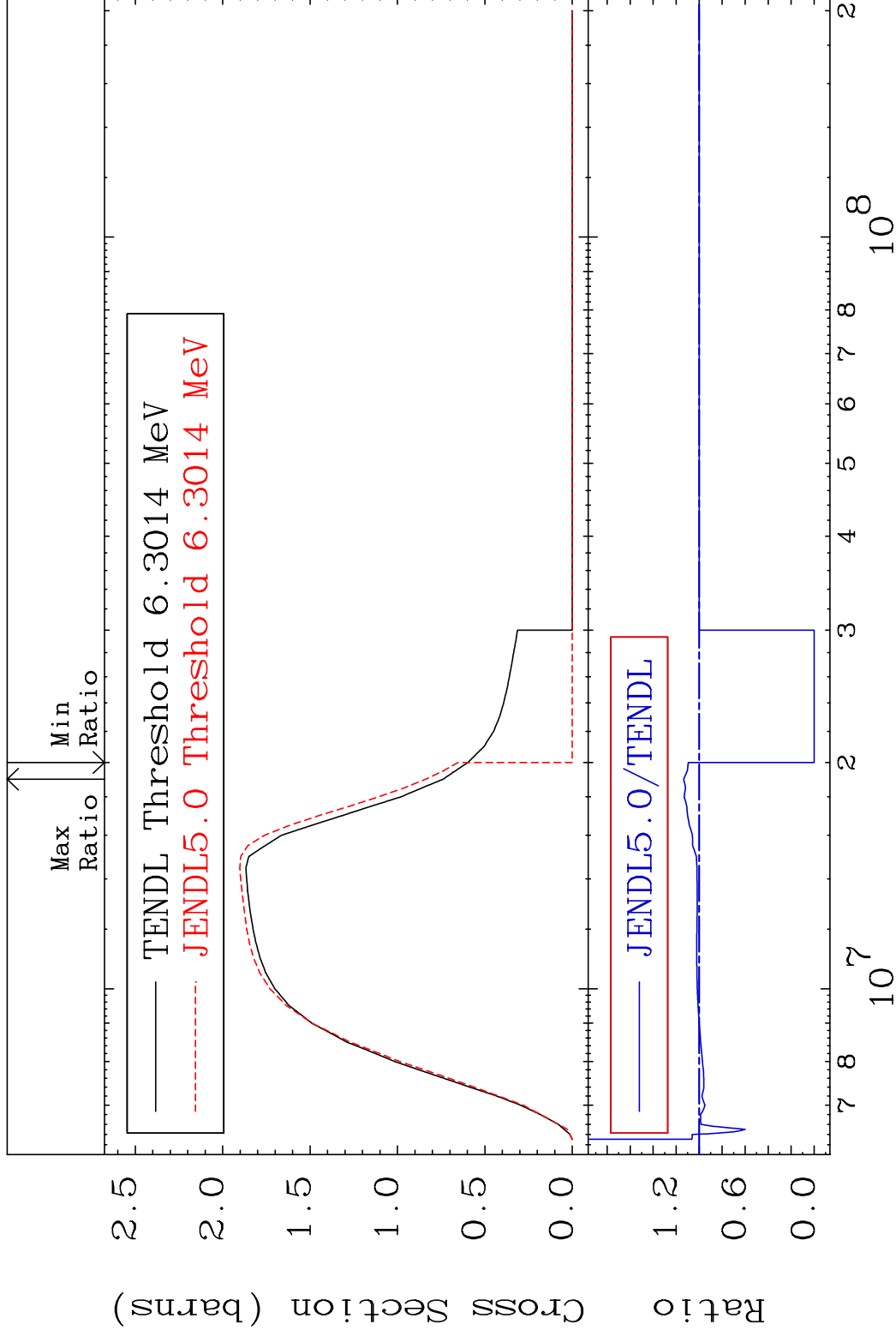
61-Pm-146

MAT 6146

(n,2n)

61-Pm-146

Cross Section -100.0 To 13.47 %



5

Incident Energy (eV)

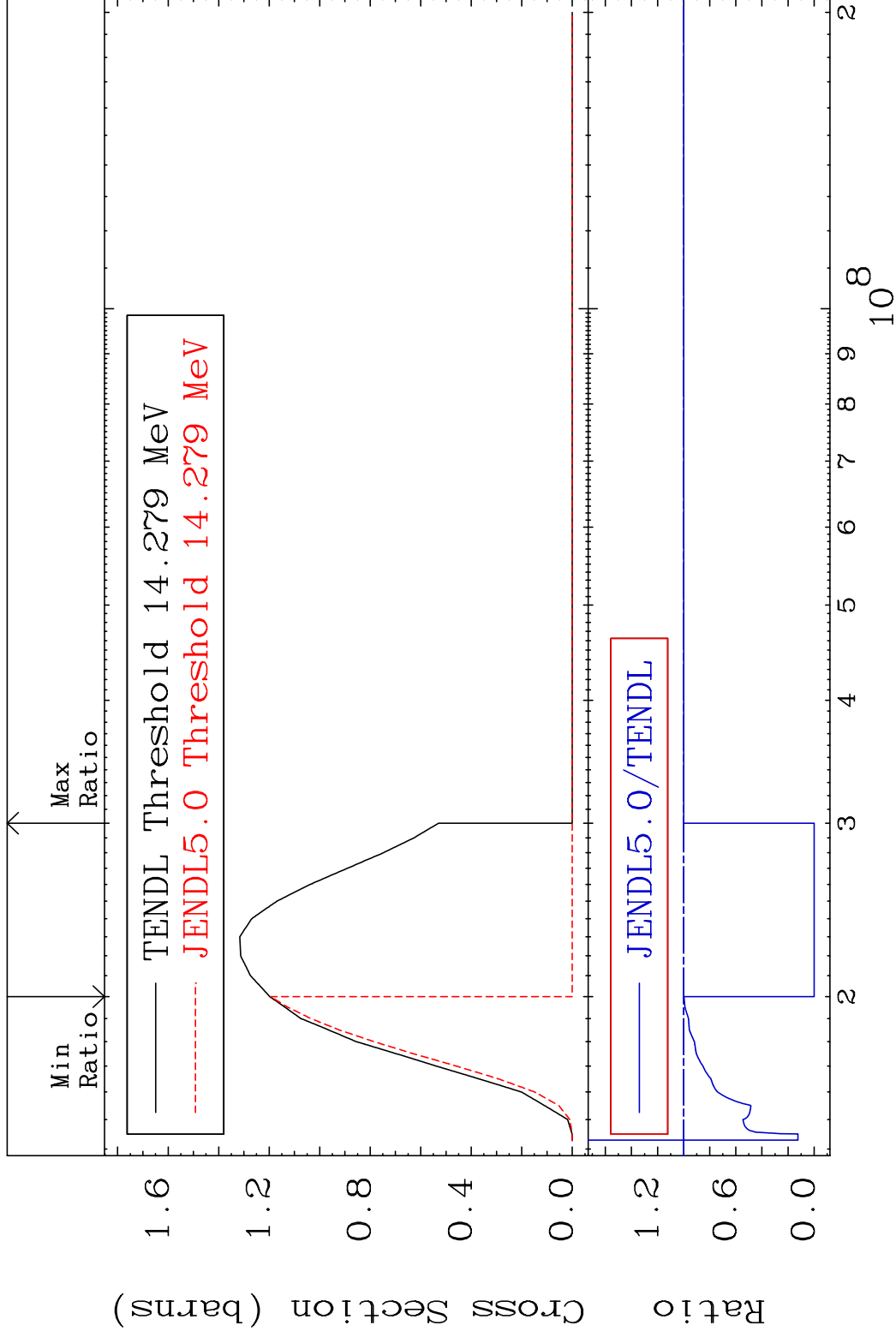
61-Pm-146

MAT 6146

(n,3n)

61-Pm-146

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

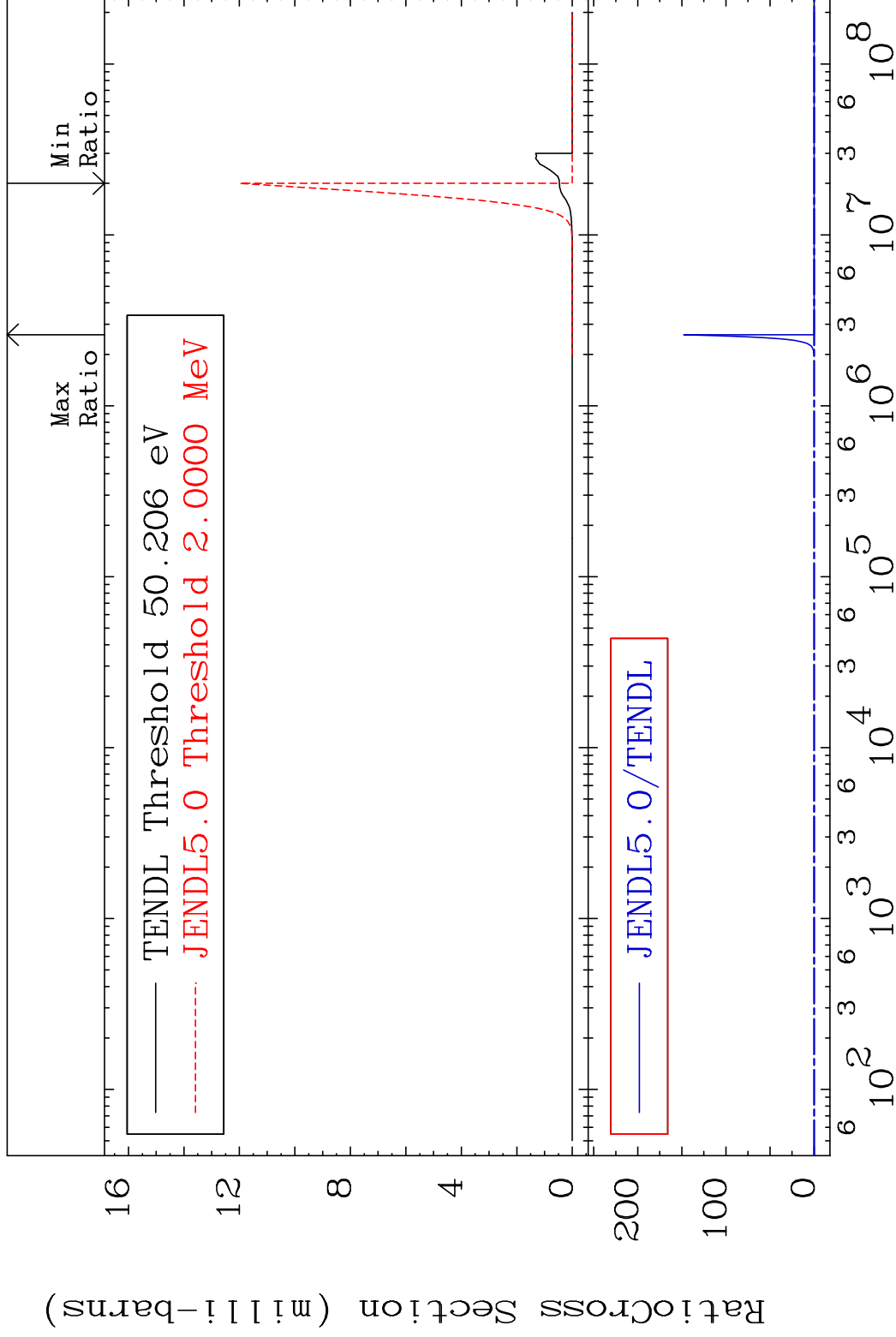
61-Pm-146

MAT 6146

(n, n') α

61-Pm-146

Cross Section -100.0 To 9999. %

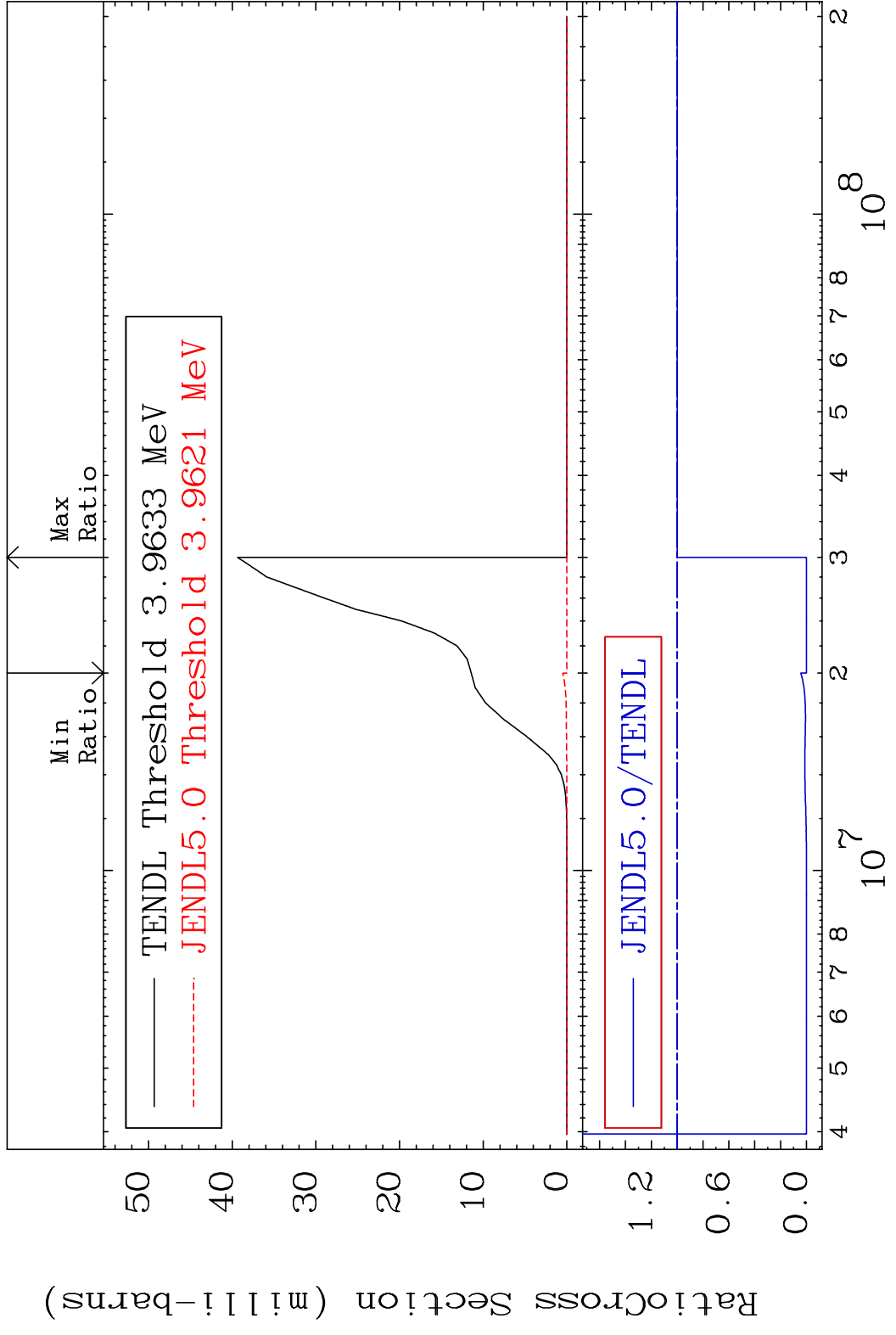


7

Incident Energy (eV)

61-Pm-146

MAT 6146 (n,2n) α 61-Pm-146
 Cross Section -100.0 To 0.000 %

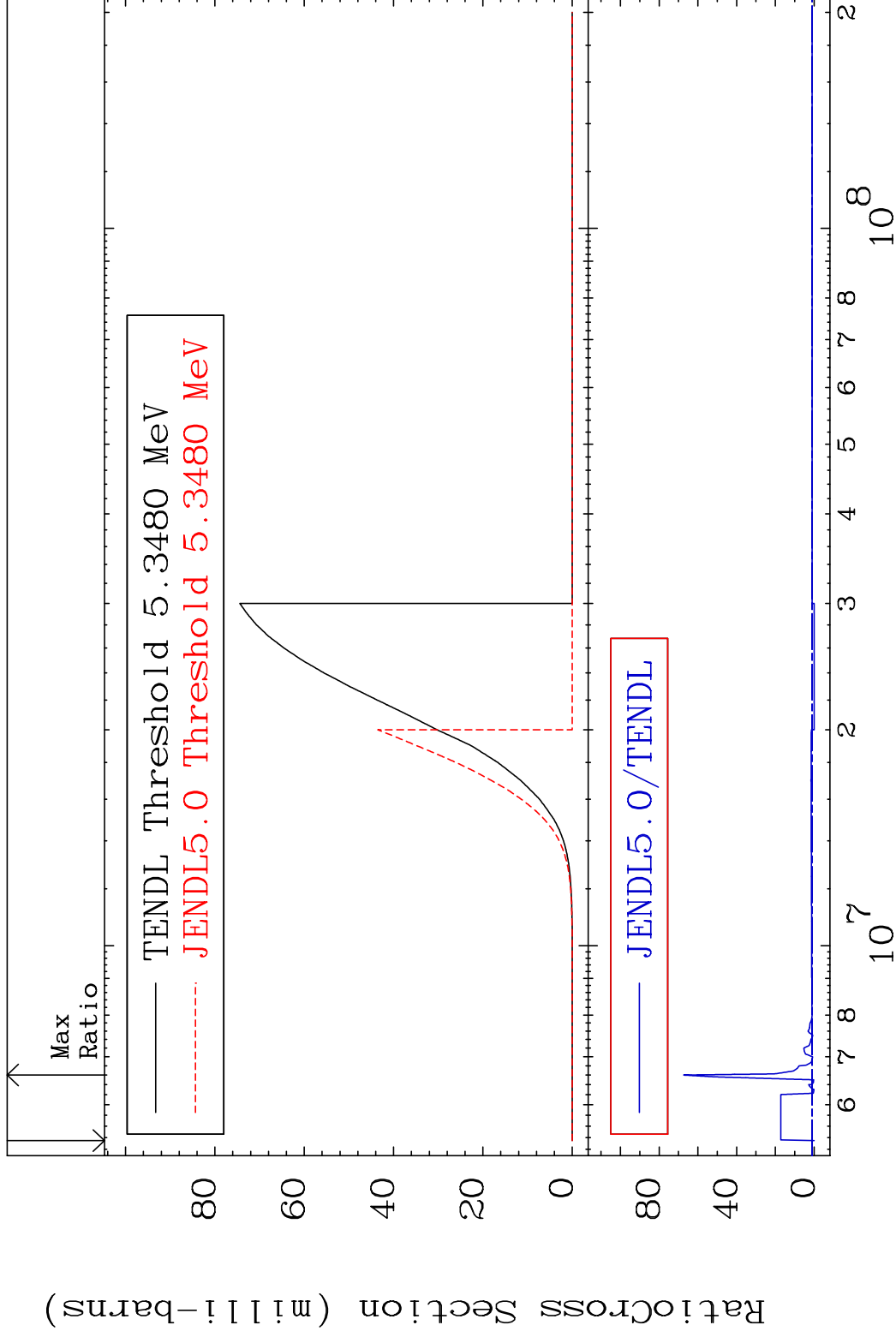


MAT 6146

(n, n') p

61-Pm-146

Cross Section -100.0 To 6635. %



9

Incident Energy (eV)

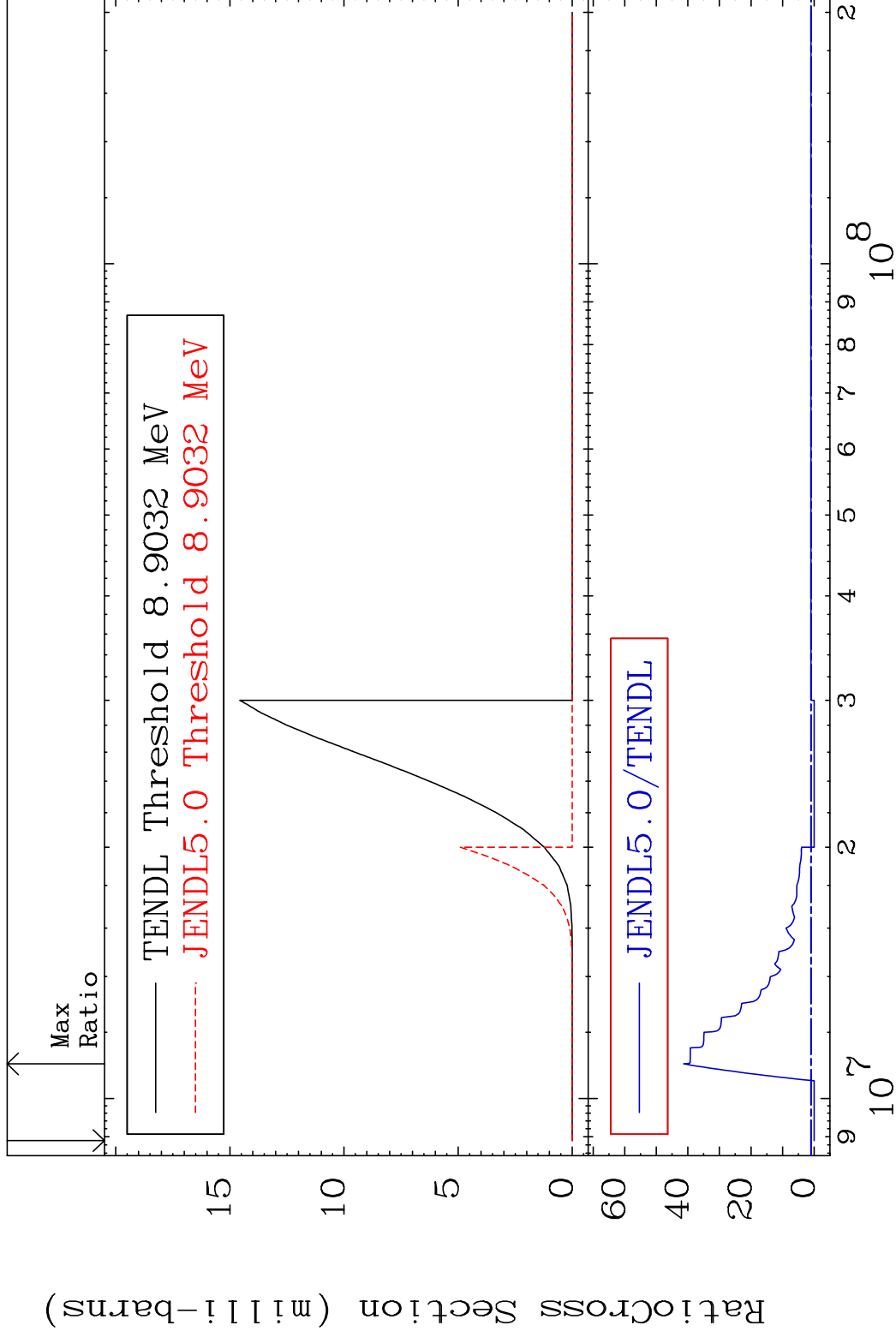
61-Pm-146

MAT 6146

(n, n') d

61-Pm-146

Cross Section -100.0 To 4033. %

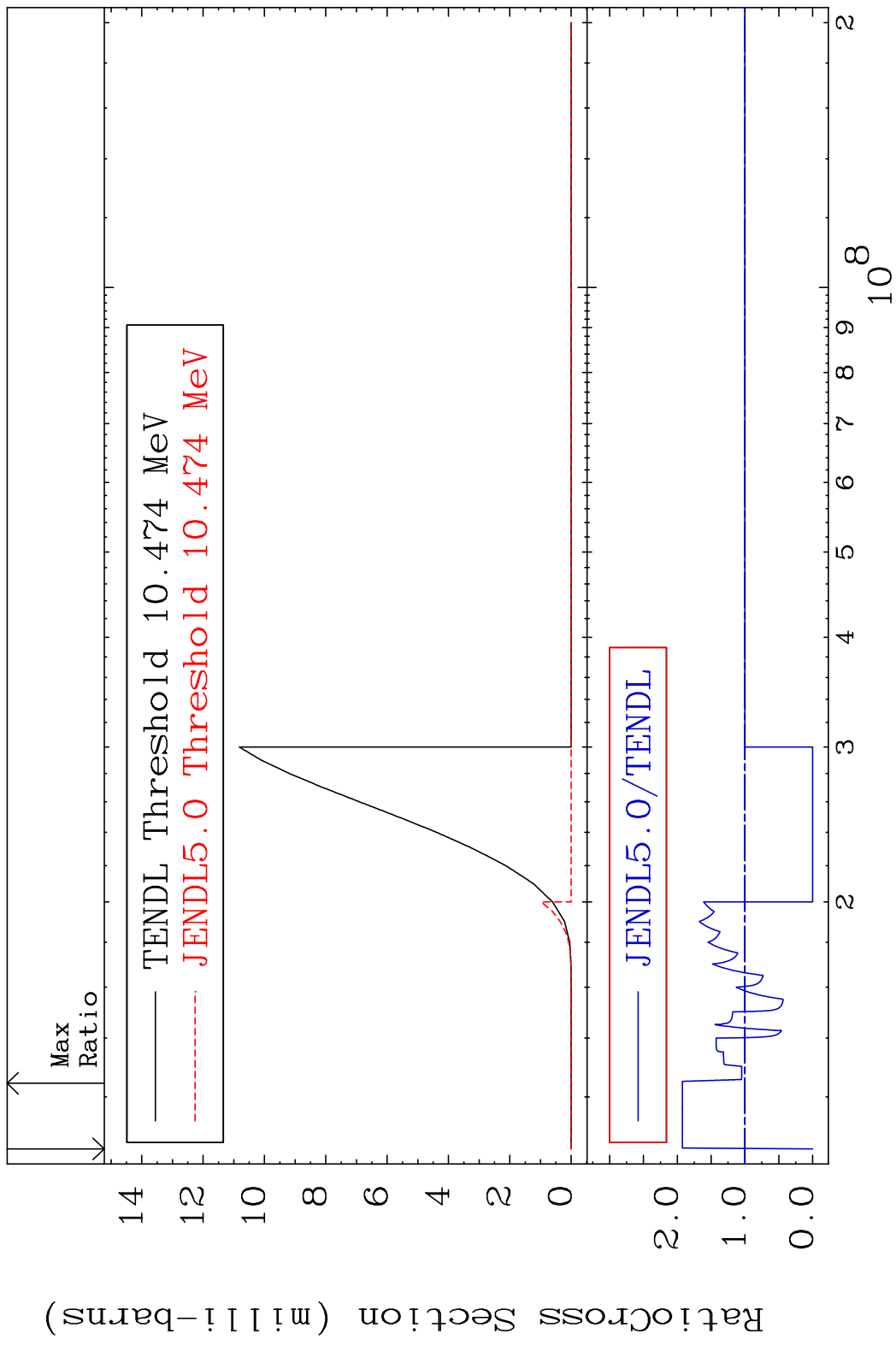


10

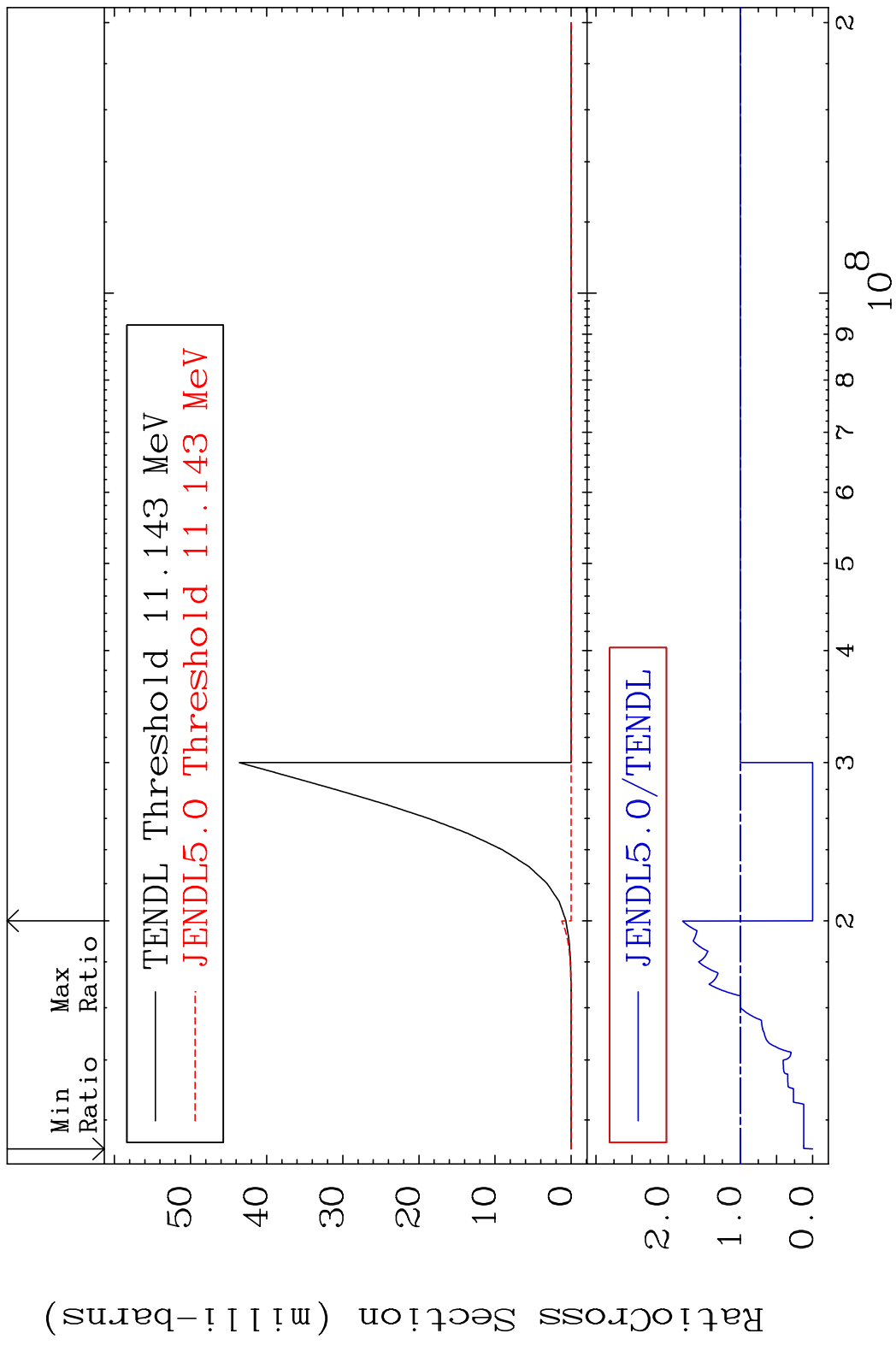
Incident Energy (eV)

61-Pm-146

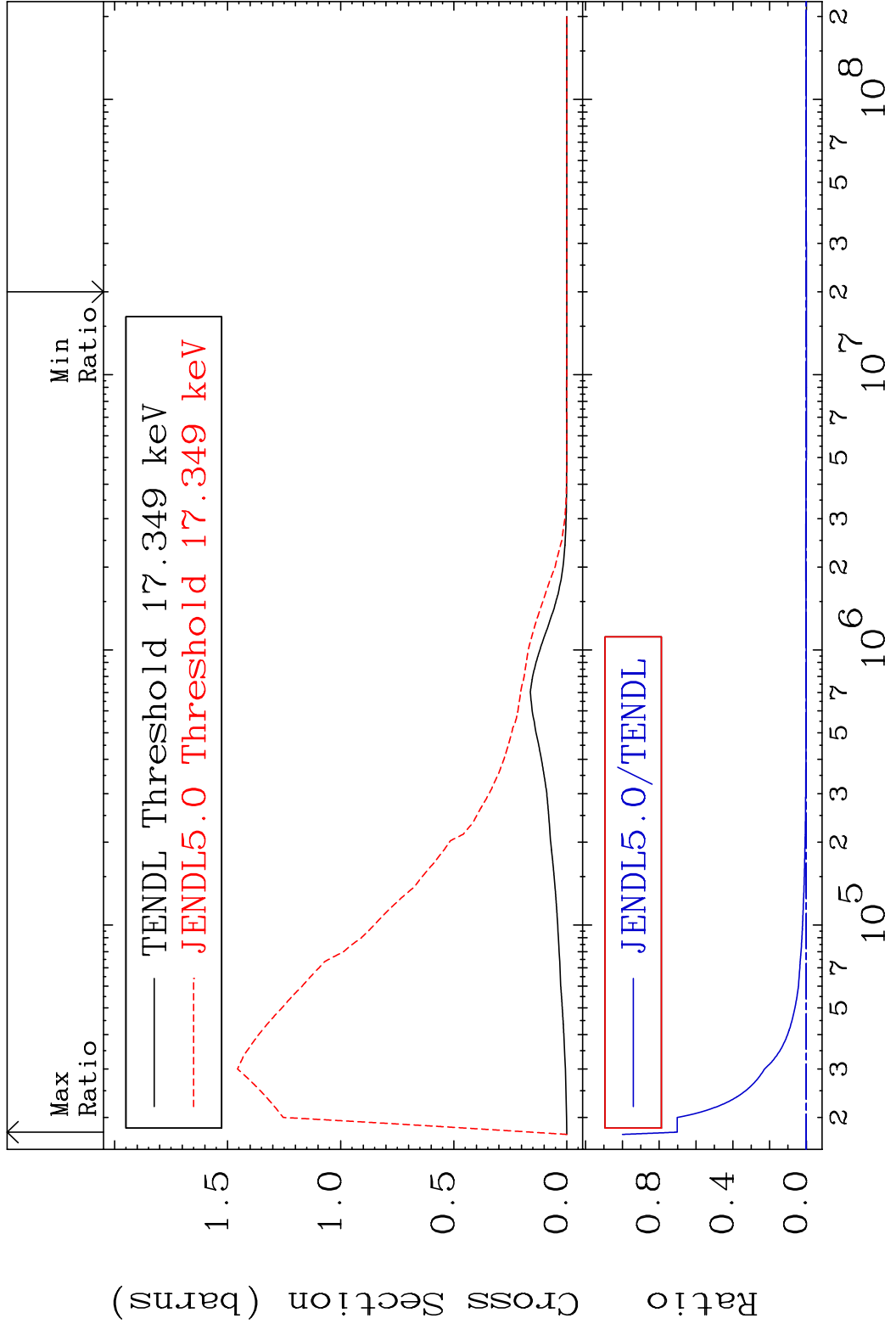
MAT 6146 (n, n') t 61-Pm-146
 Cross Section -100.0 To 92.53 %



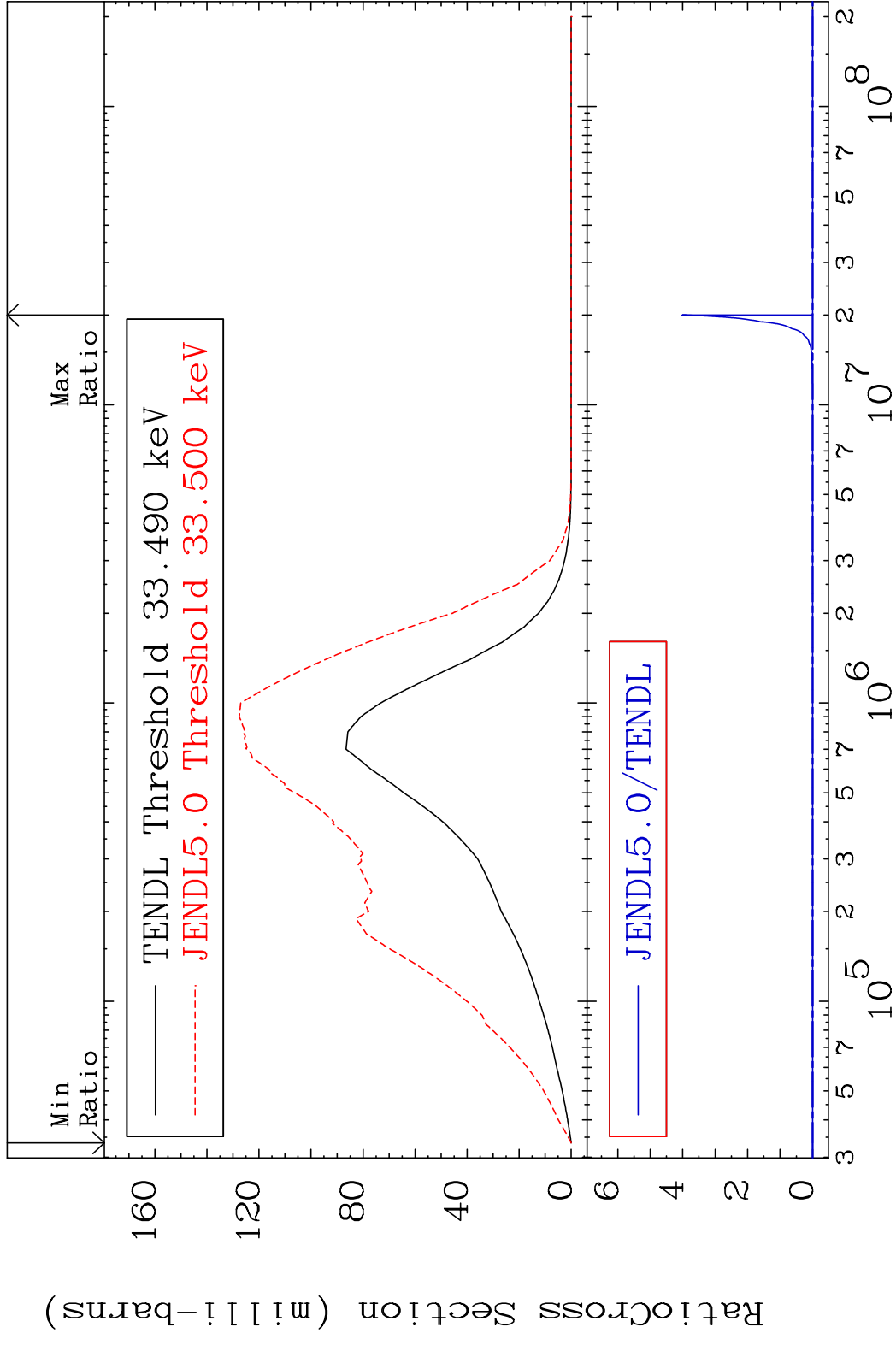
MAT 6146 (n,2n) p 61-Pm-146
 Cross Section -100.0 To 80.37 %



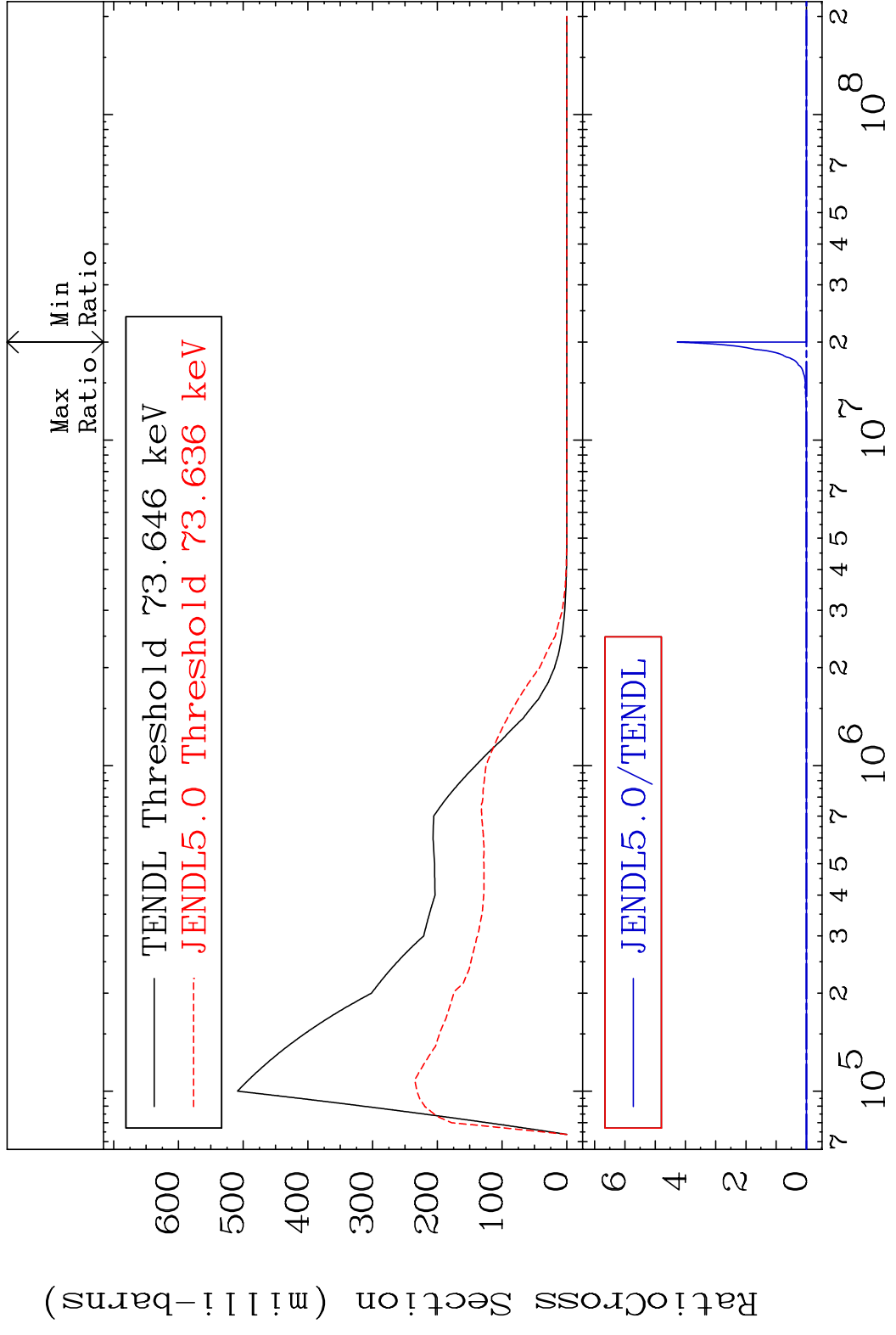
MAT 6146 MT= 51 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



MAT 6146 MT= 52 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

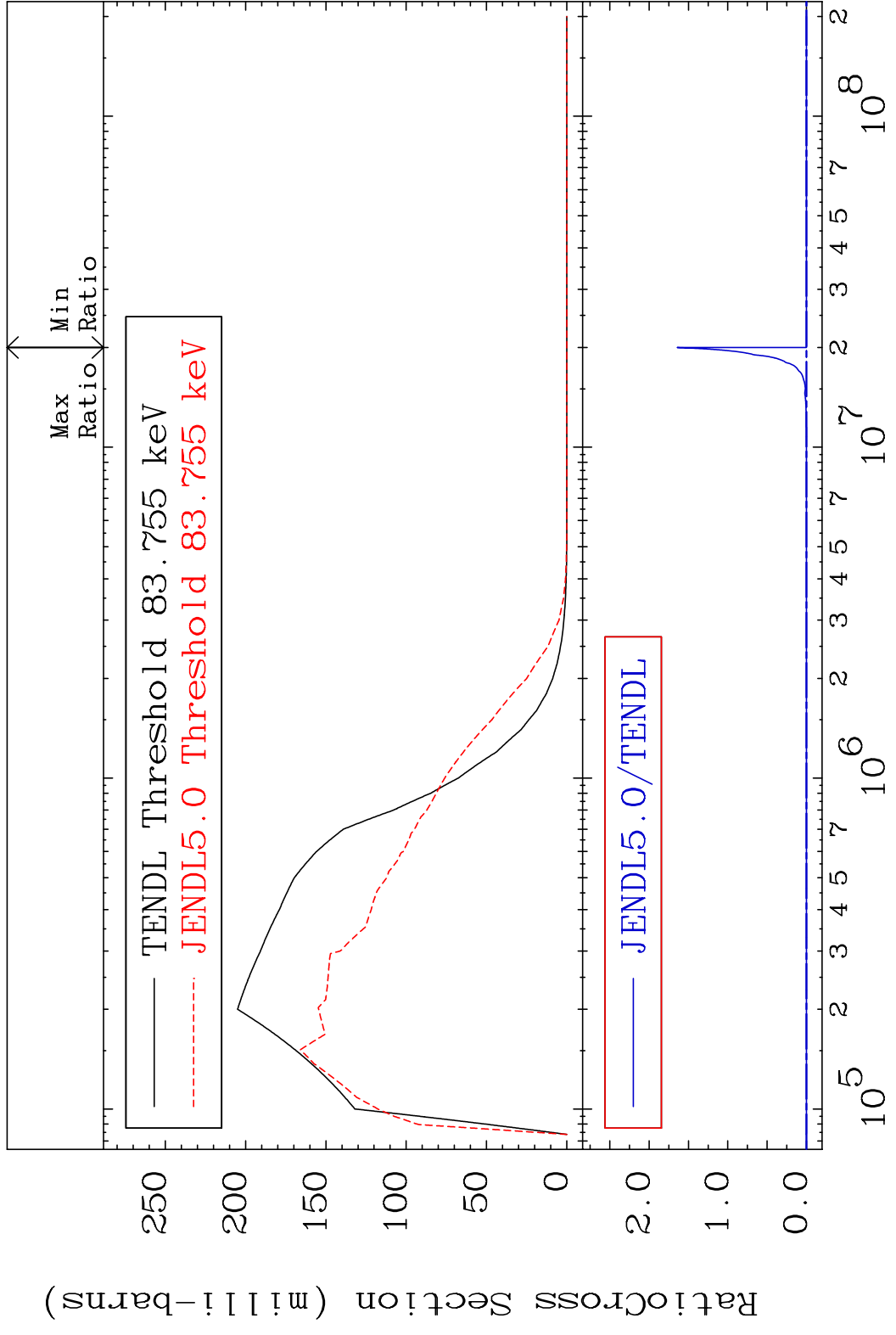


MAT 6146 MT= 53 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

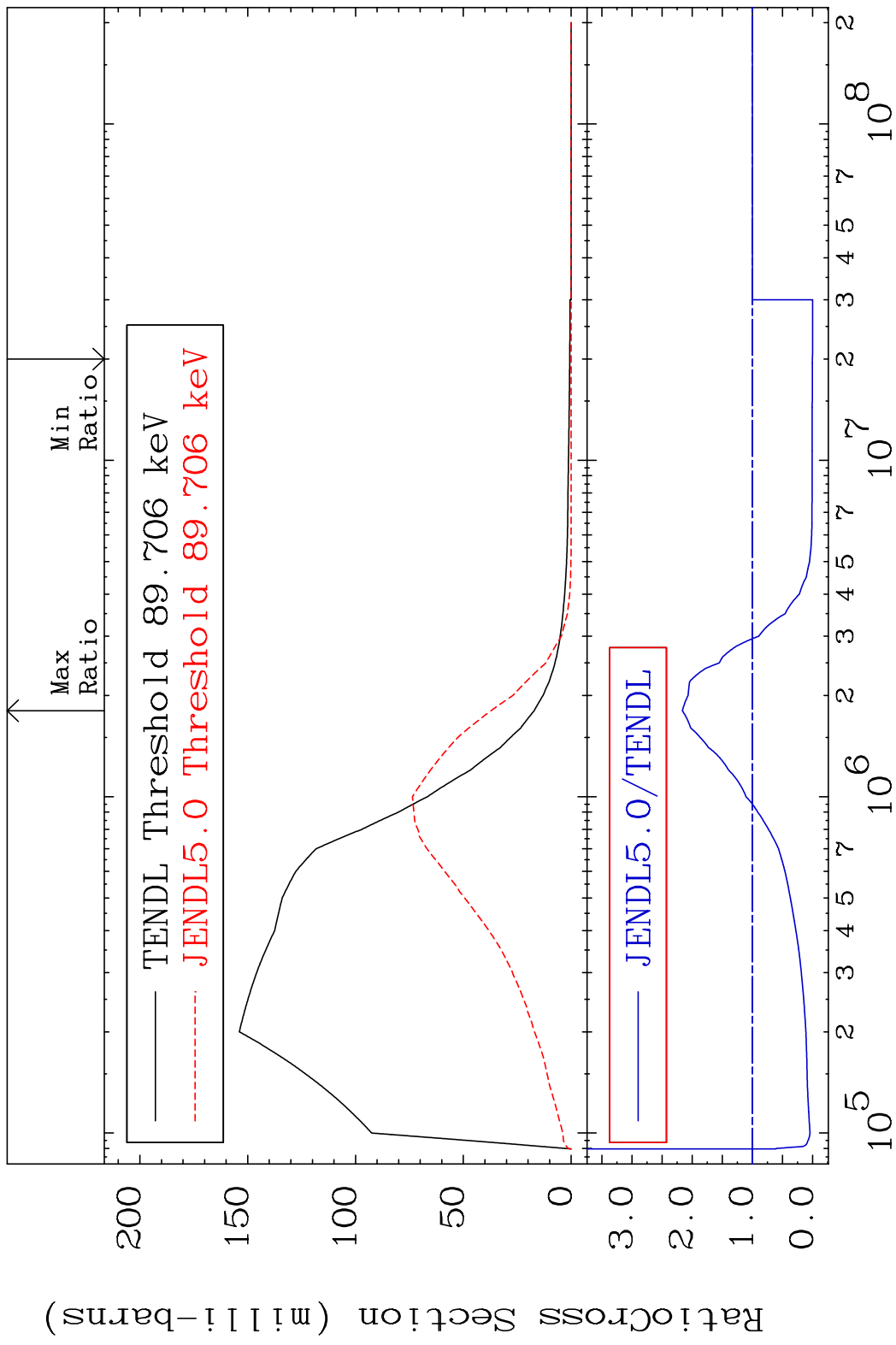


15 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 54 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

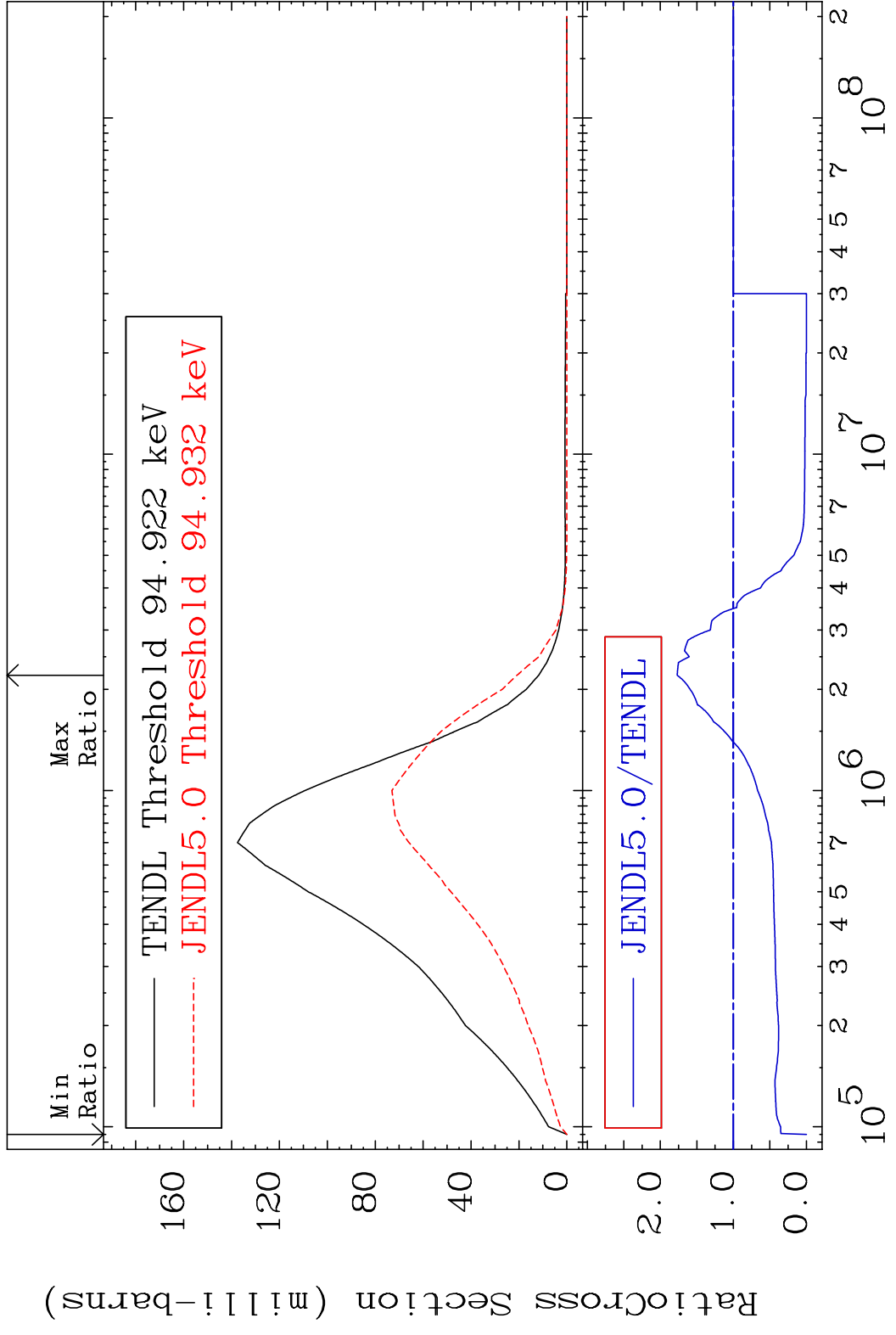


MAT 6146 MT= 55 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 116.4 %



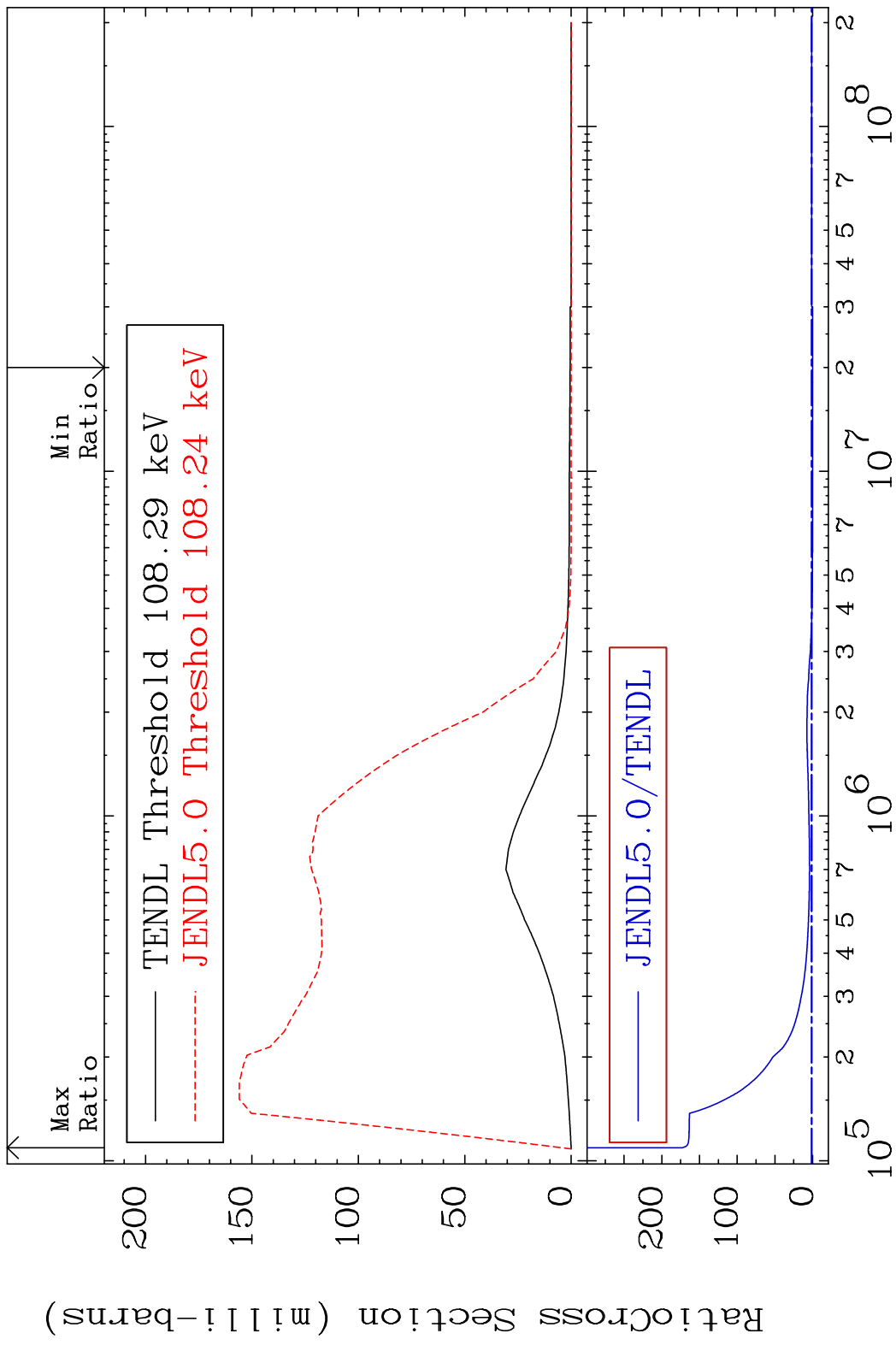
17 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 56 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 76.94 %



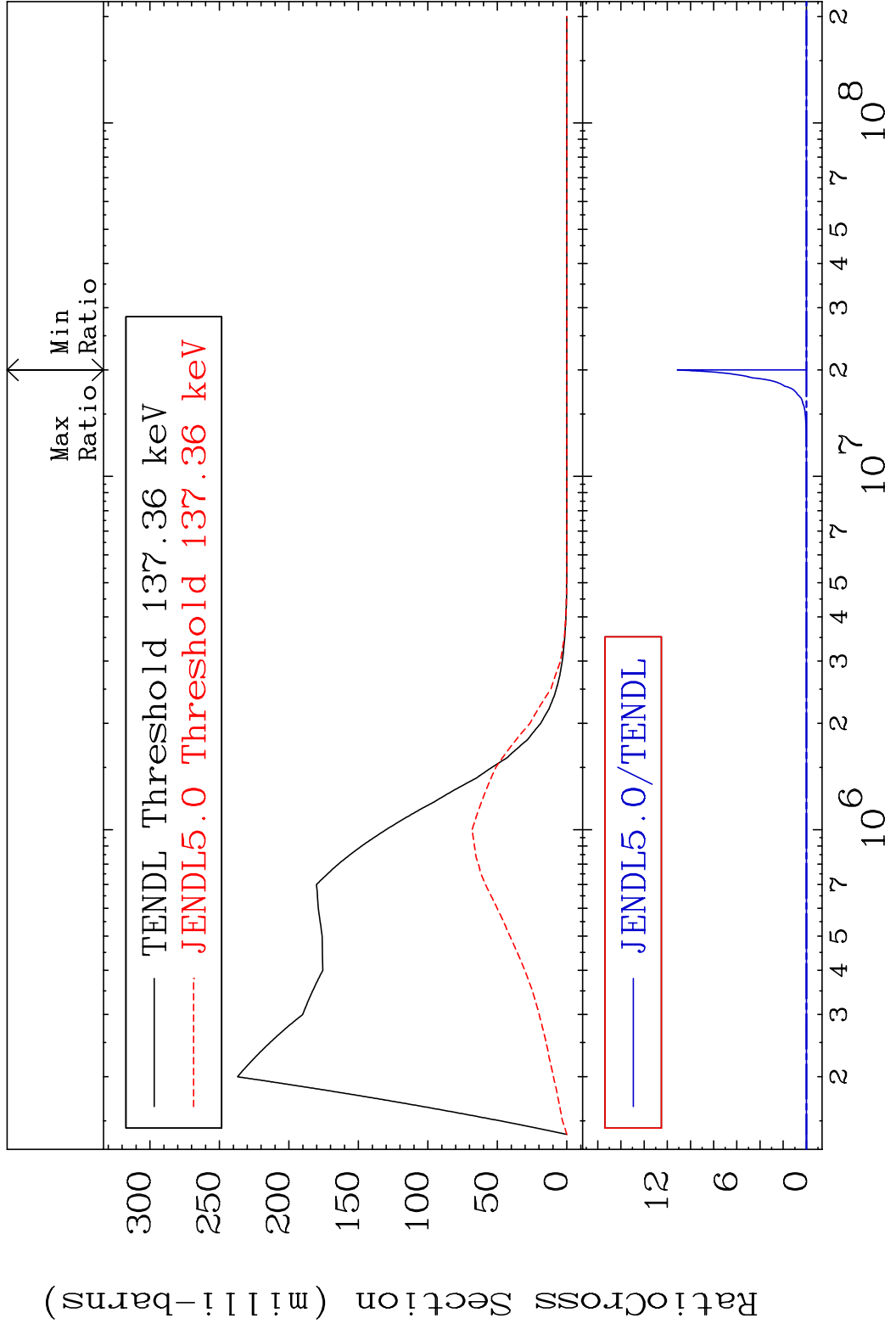
18 18 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 57 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

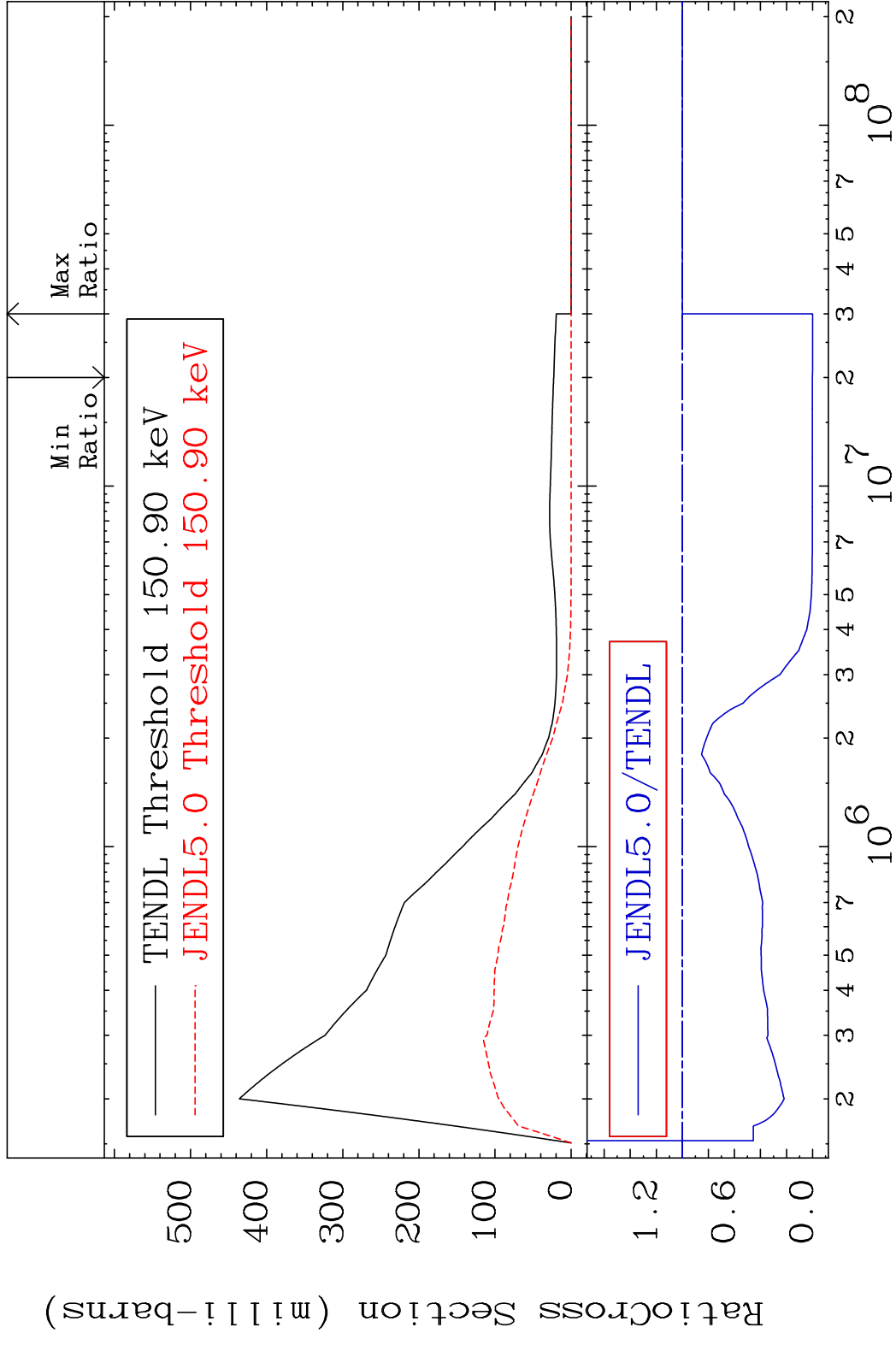


19 Incident Energy (eV) 61-Pm-146

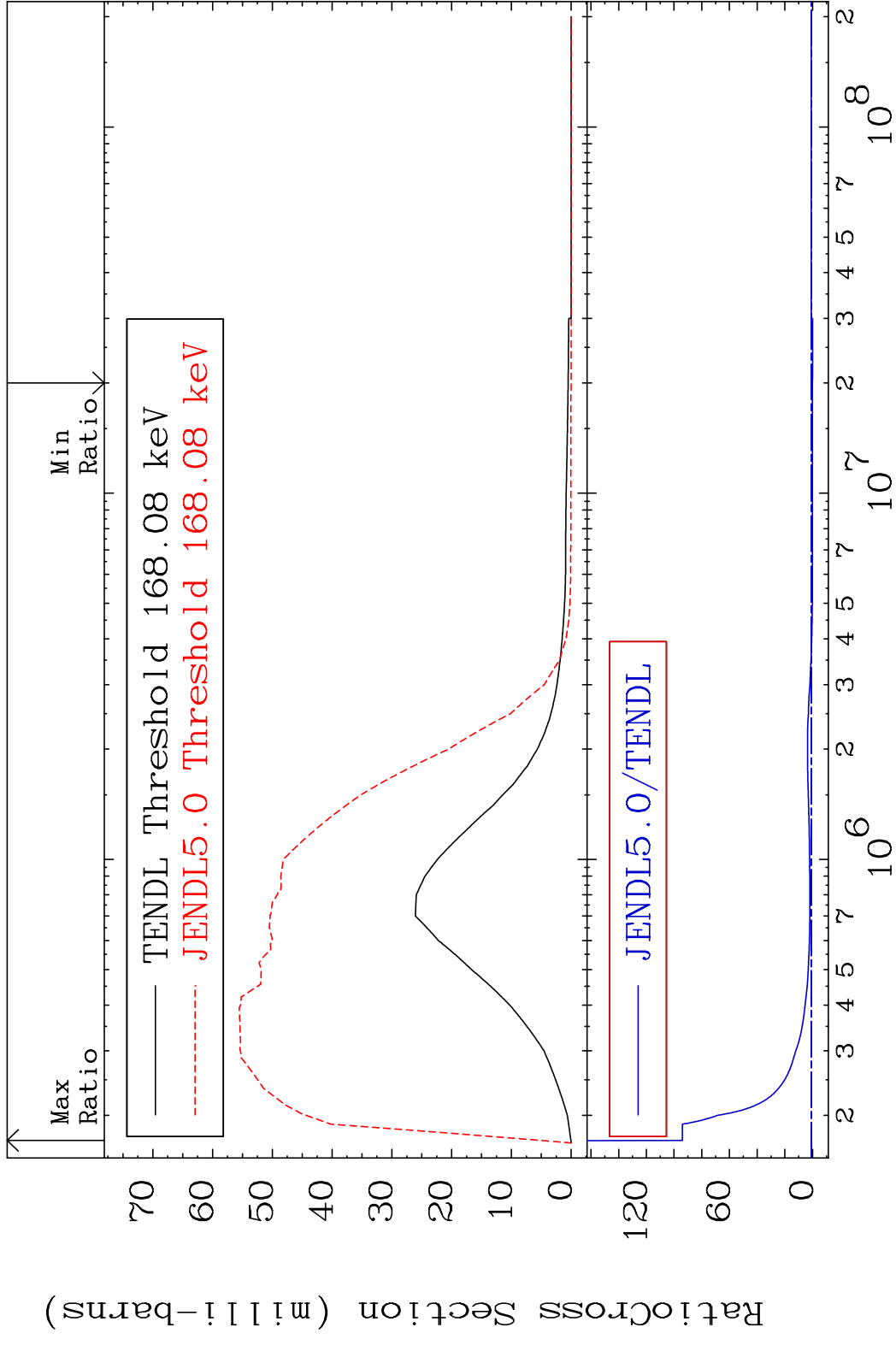
MAT 6146 MT= 58 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



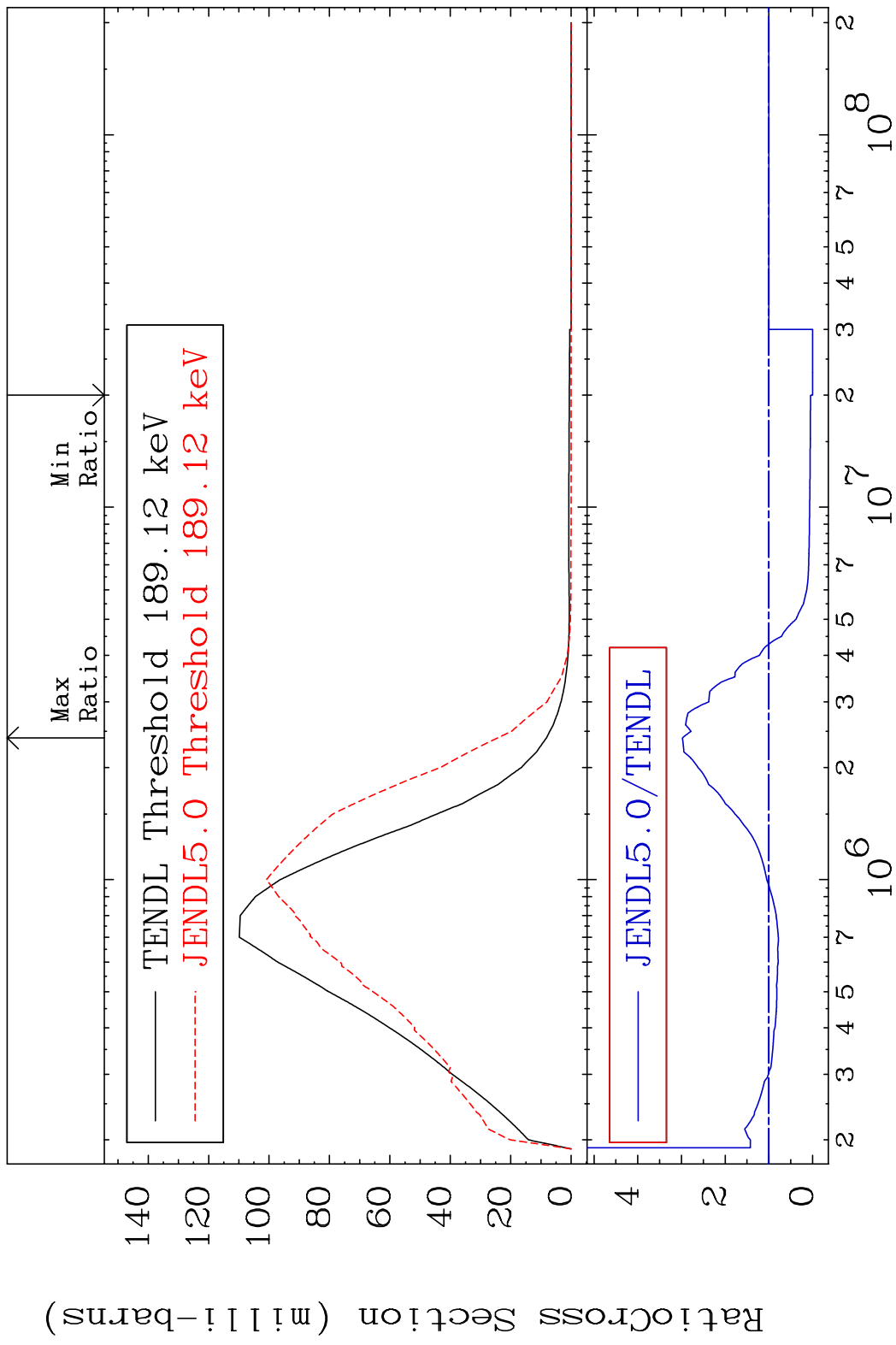
MAT 6146 MT= 59 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 0.000 %



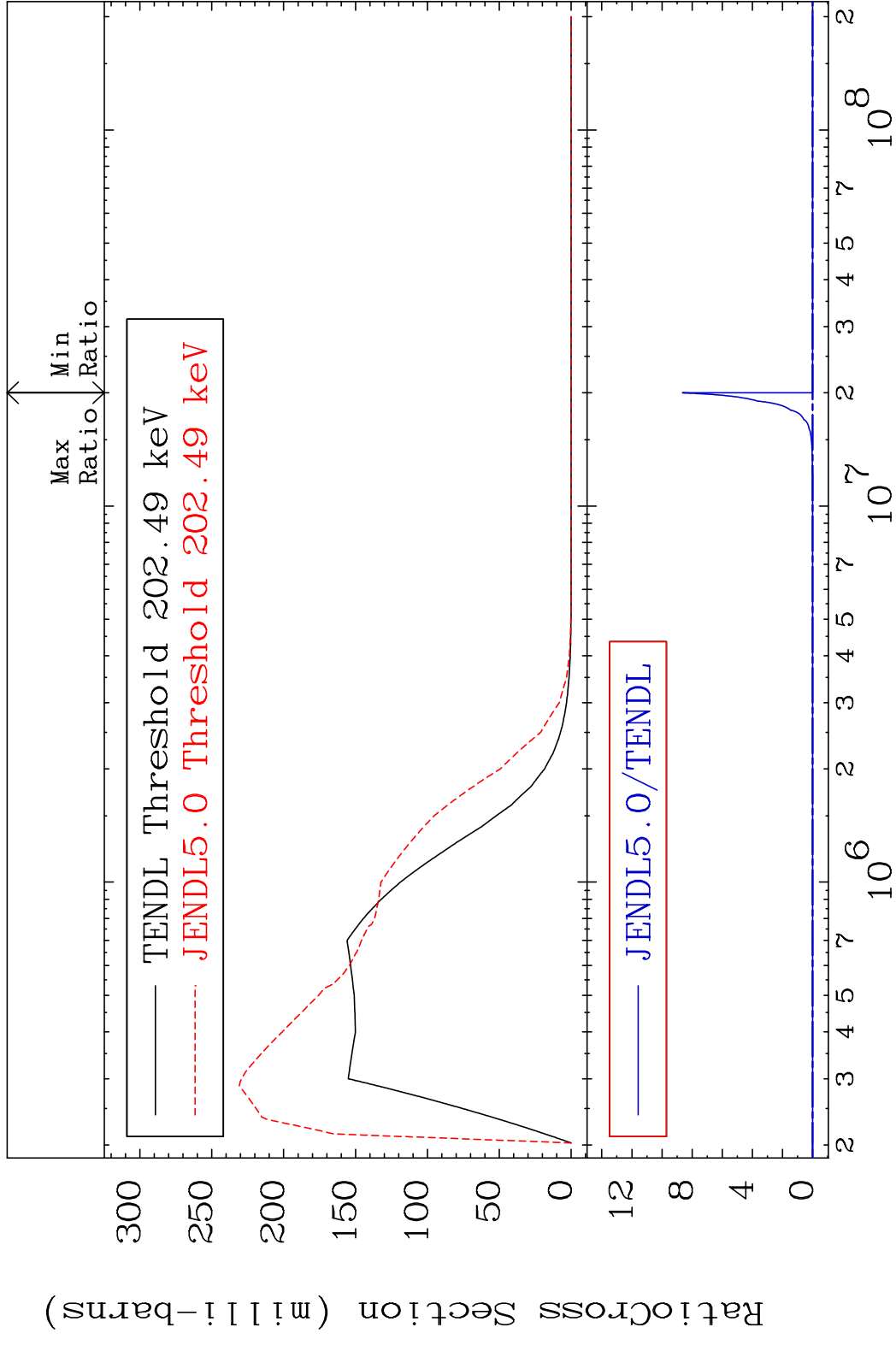
MAT 6146 MT= 60 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9301. %



MAT 6146 MT= 61 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 197.9 %

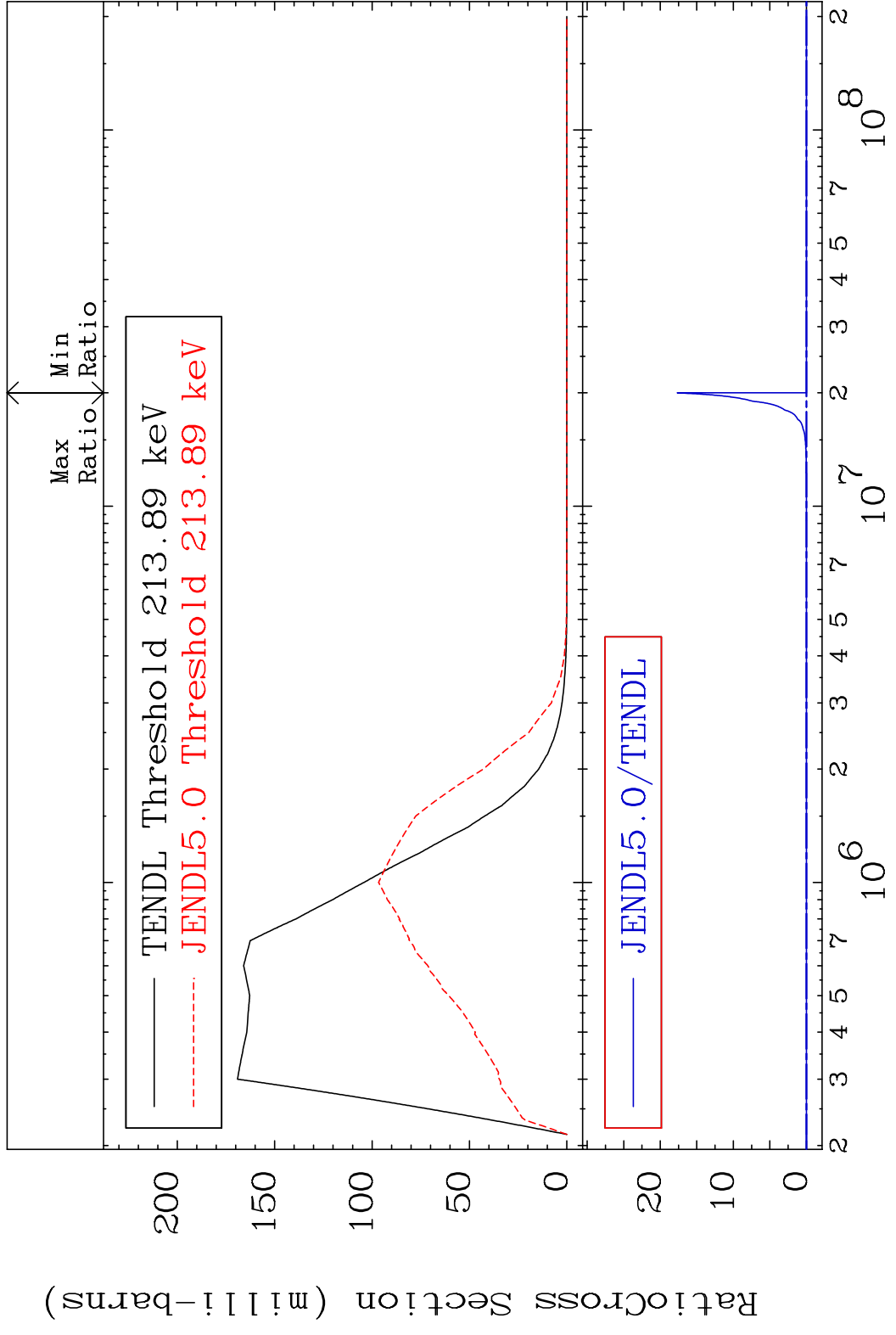


MAT 6146 MT= 62 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

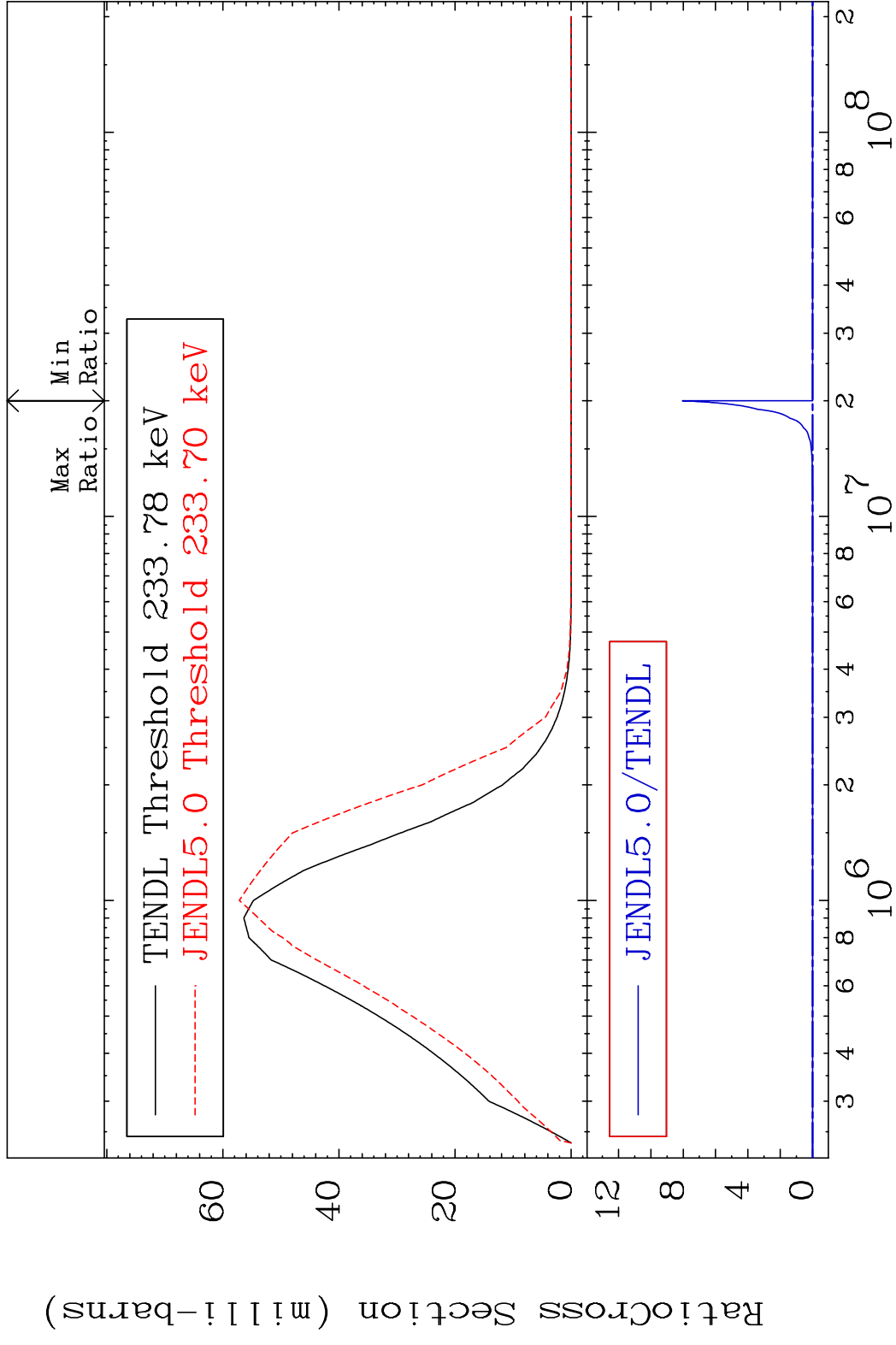


24 Incident Energy (eV) 61-Pm-146

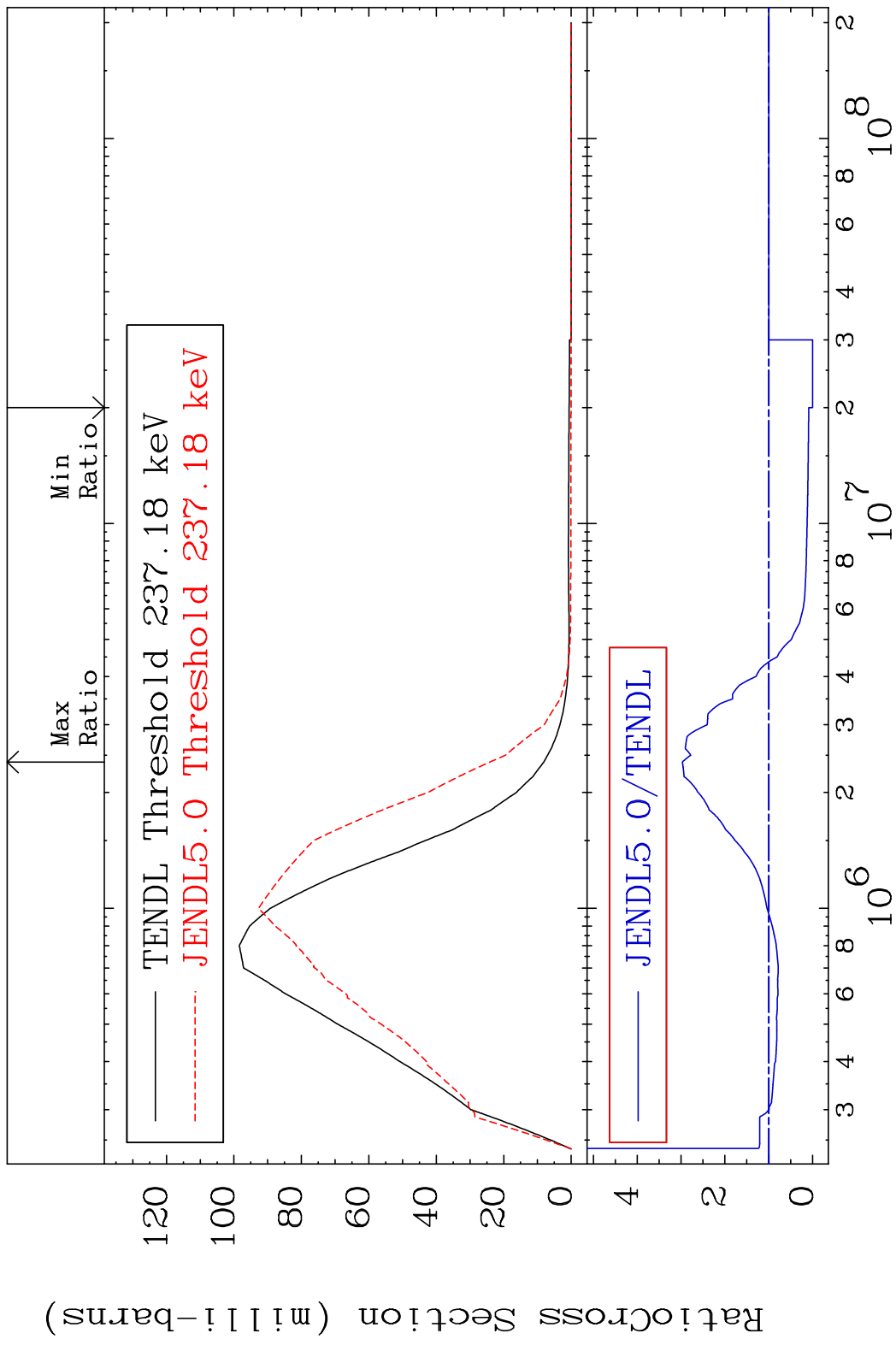
MAT 6146 MT= 63 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



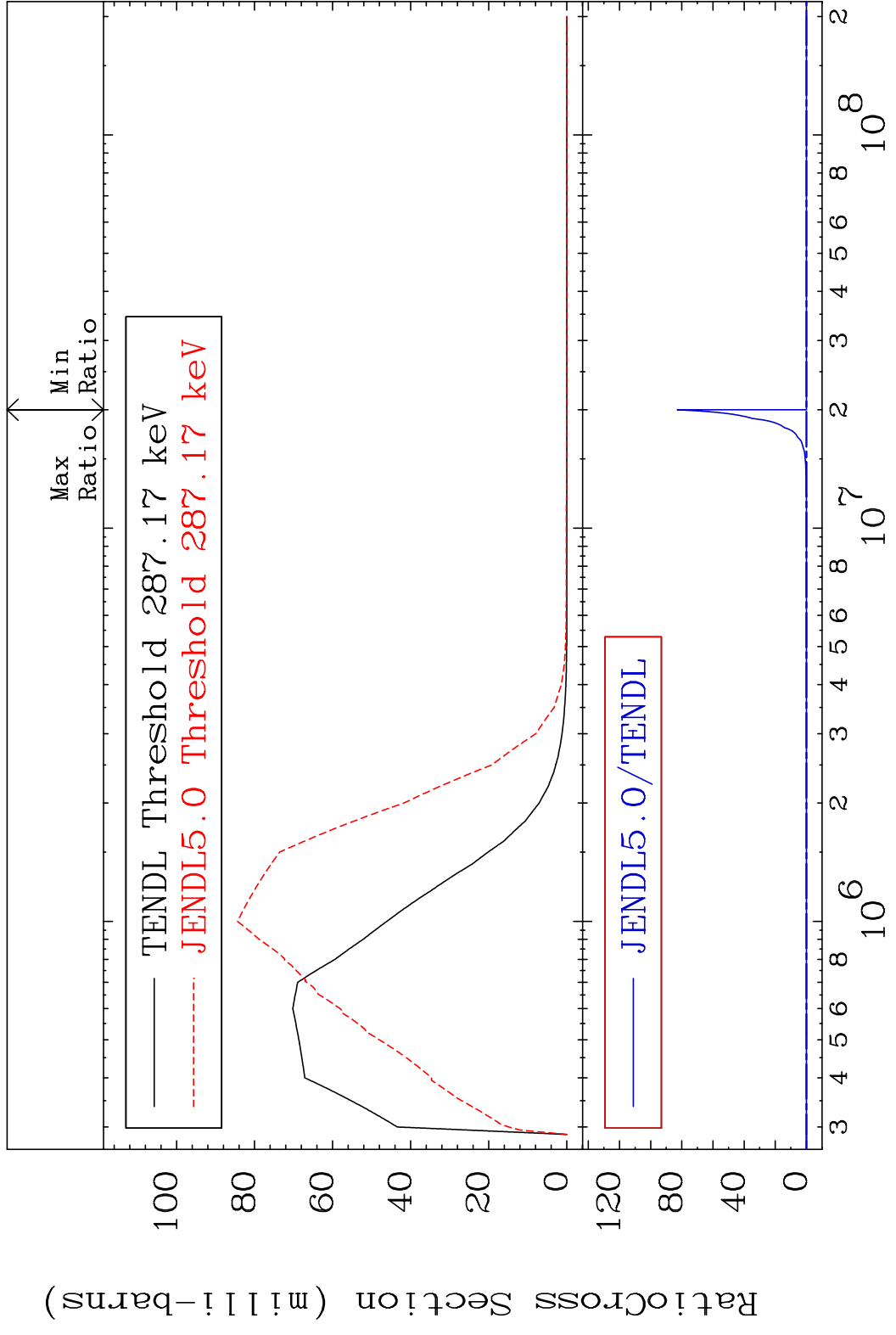
MAT 6146 MT= 64 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



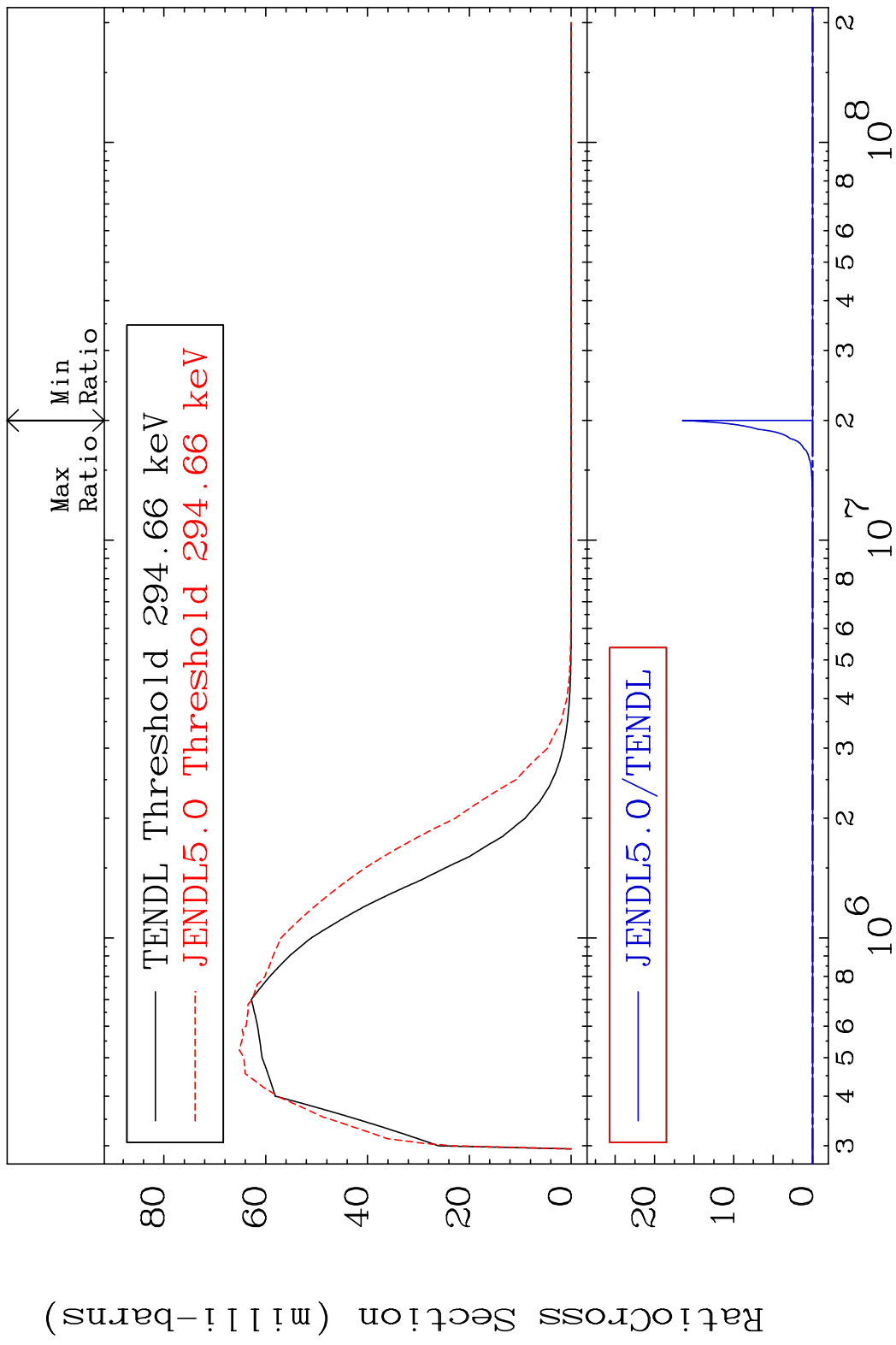
MAT 6146 MT= 65 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 197.0 %



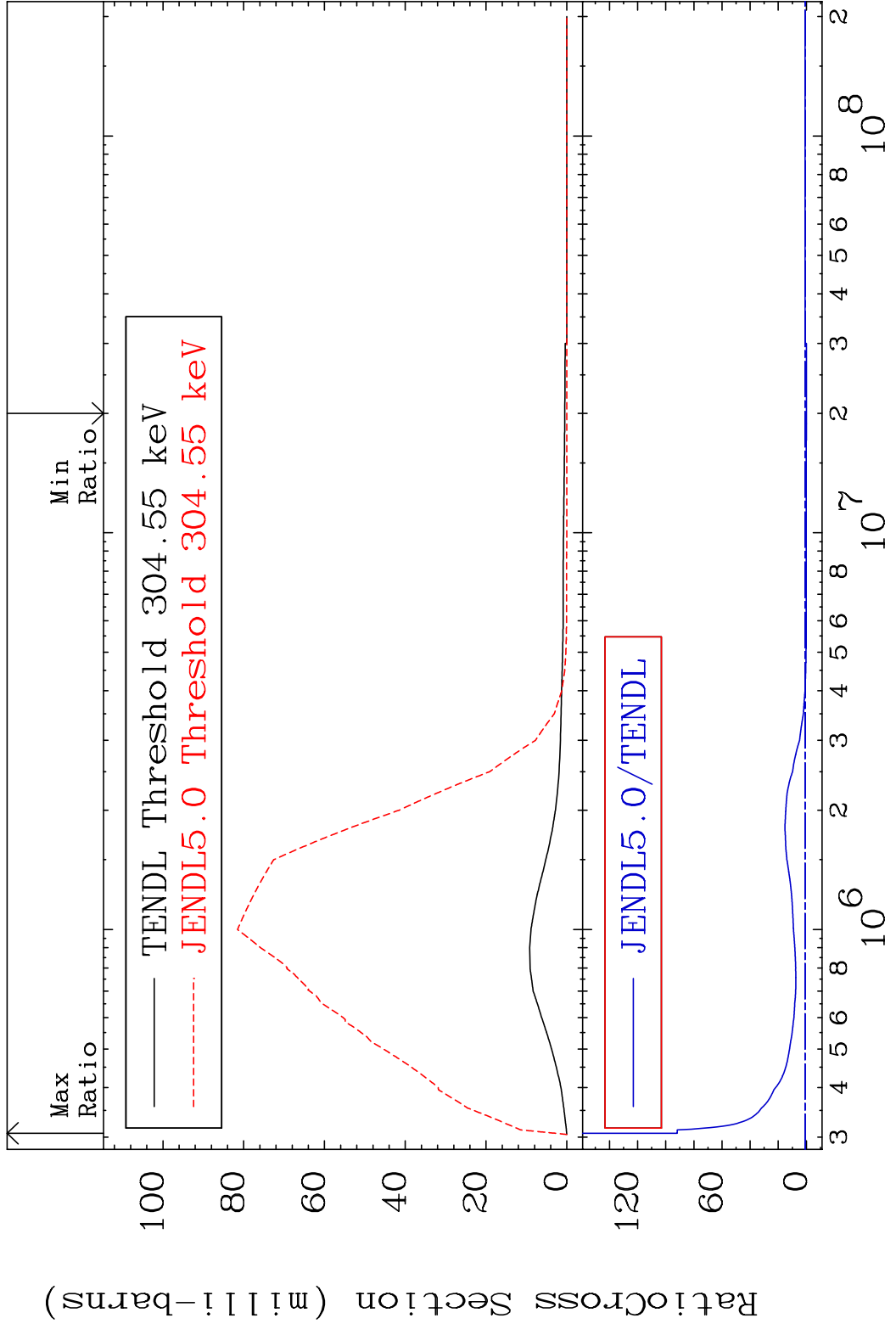
MAT 6146 MT= 66 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



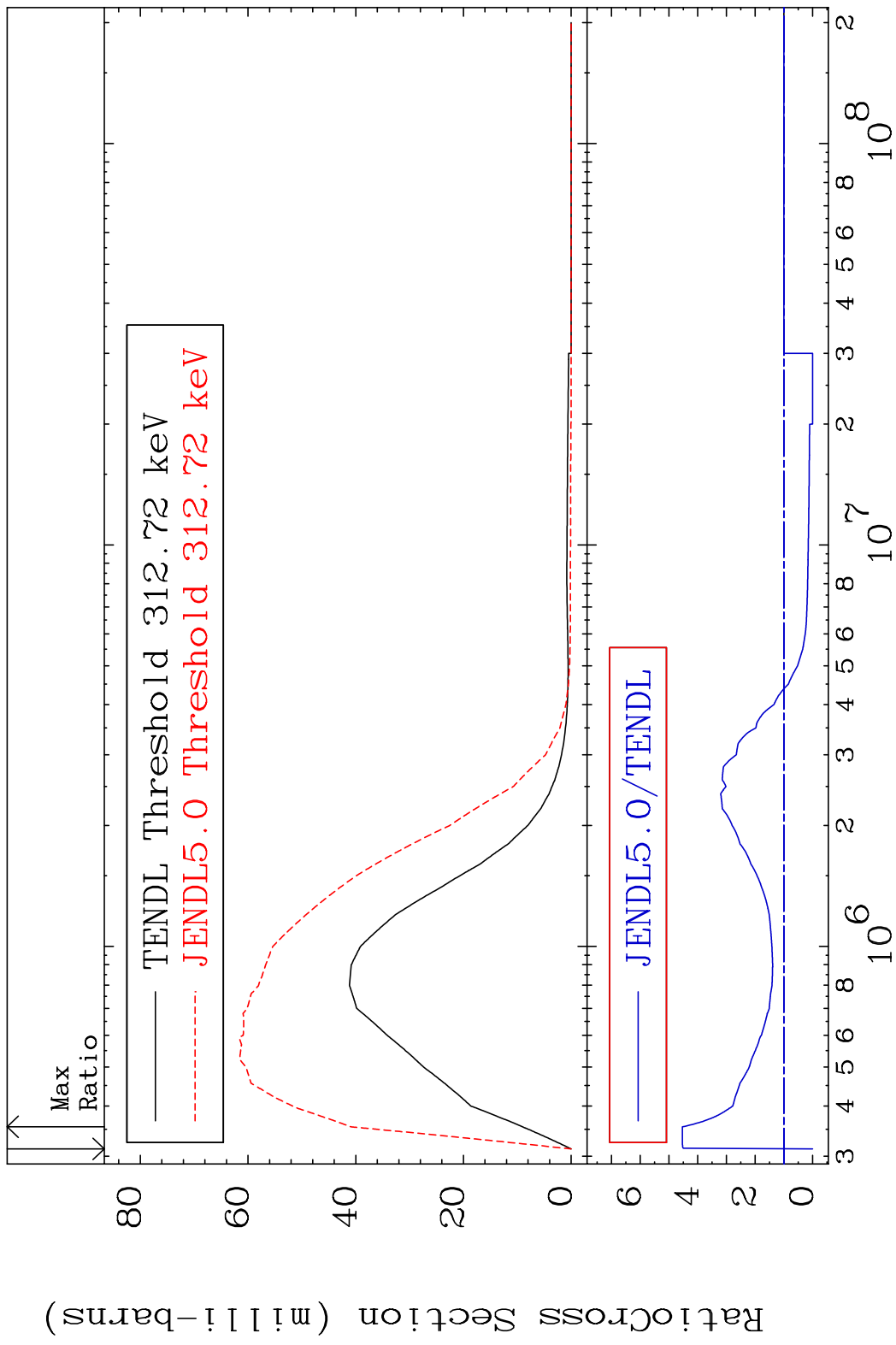
MAT 6146 MT= 67 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



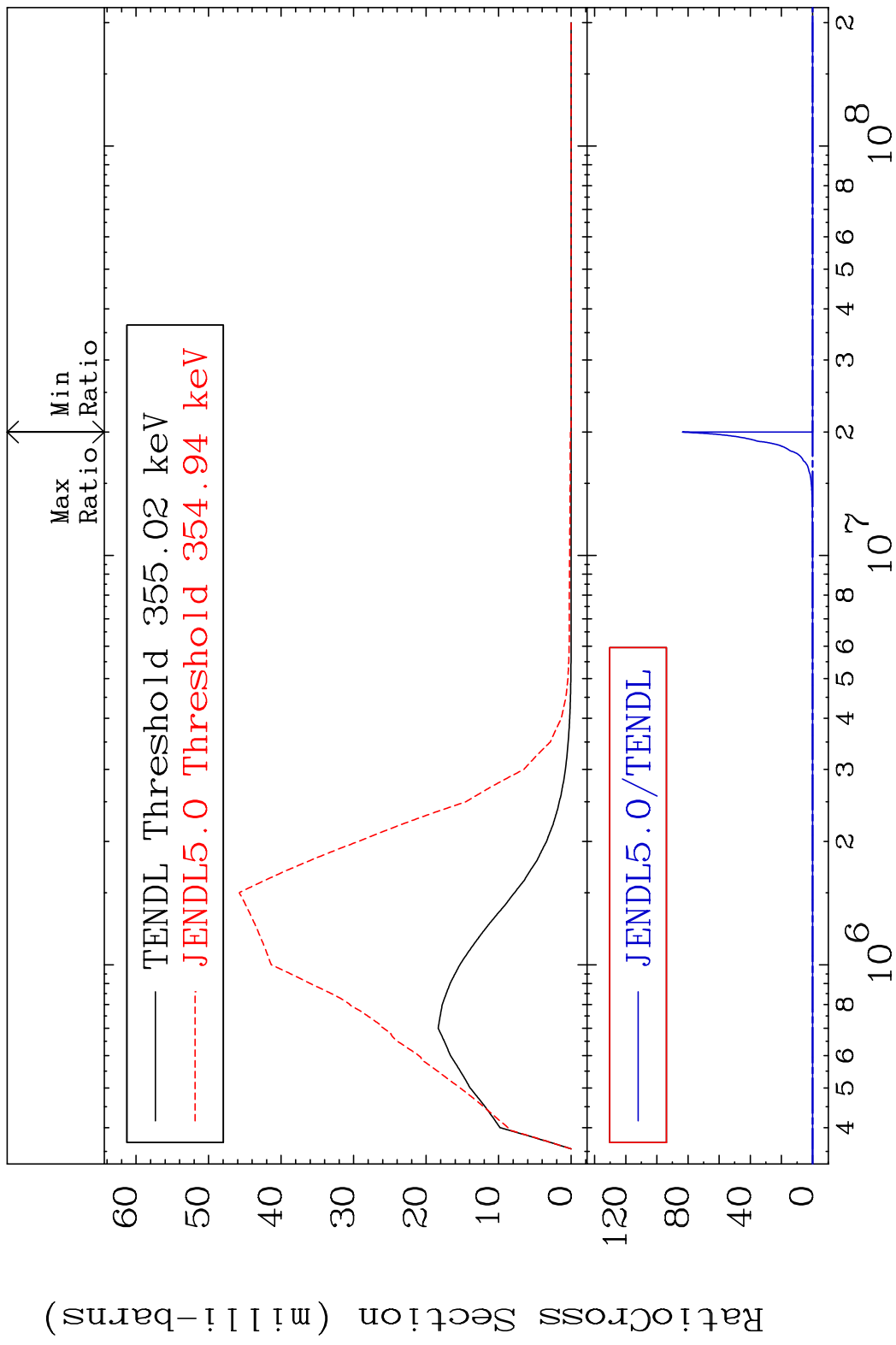
MAT 6146 MT= 68 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9085. %



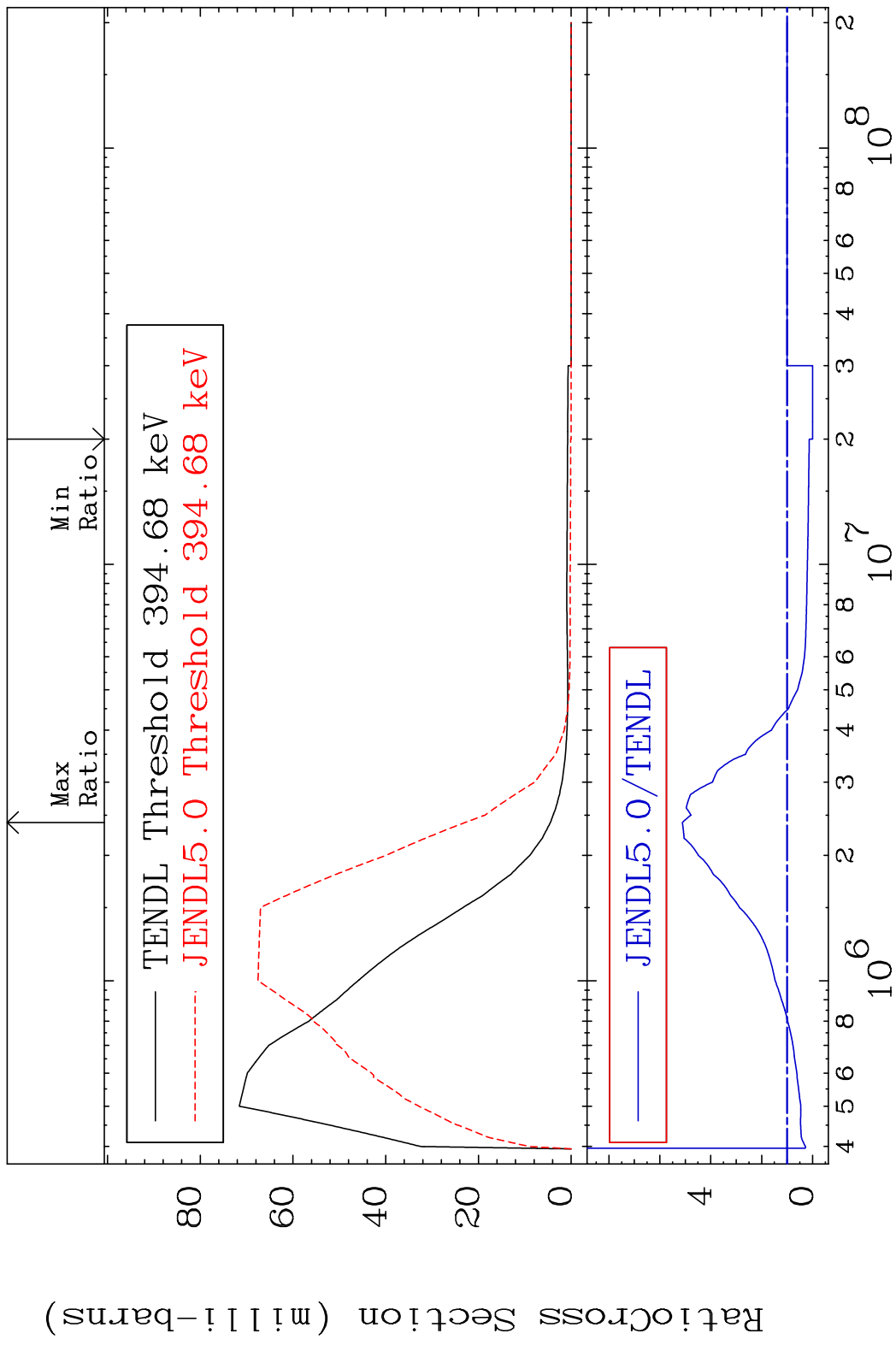
MAT 6146 MT= 69 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 353.3 %



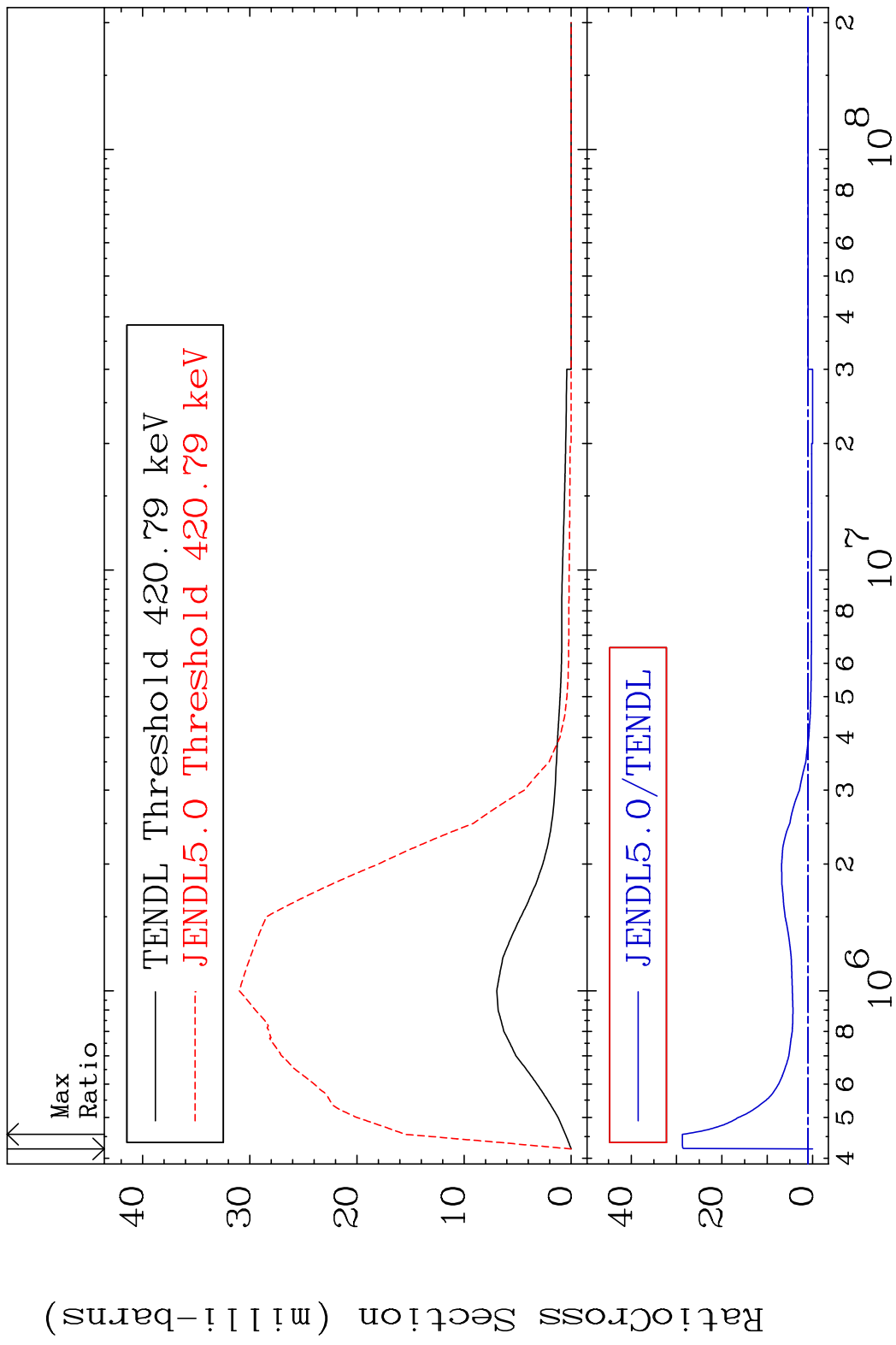
MAT 6146 MT= 70 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



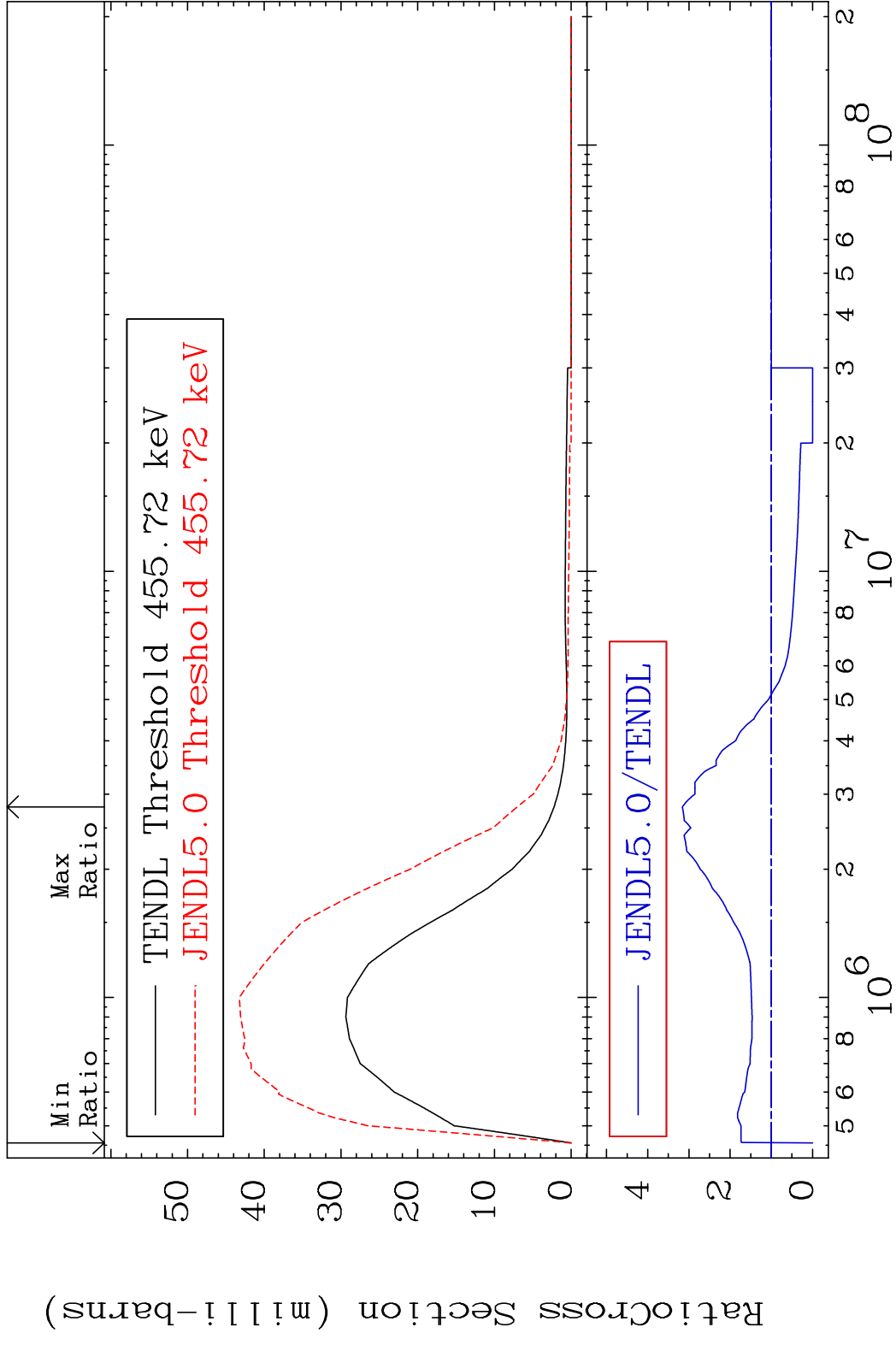
MAT 6146 MT= 71 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 411.5 %



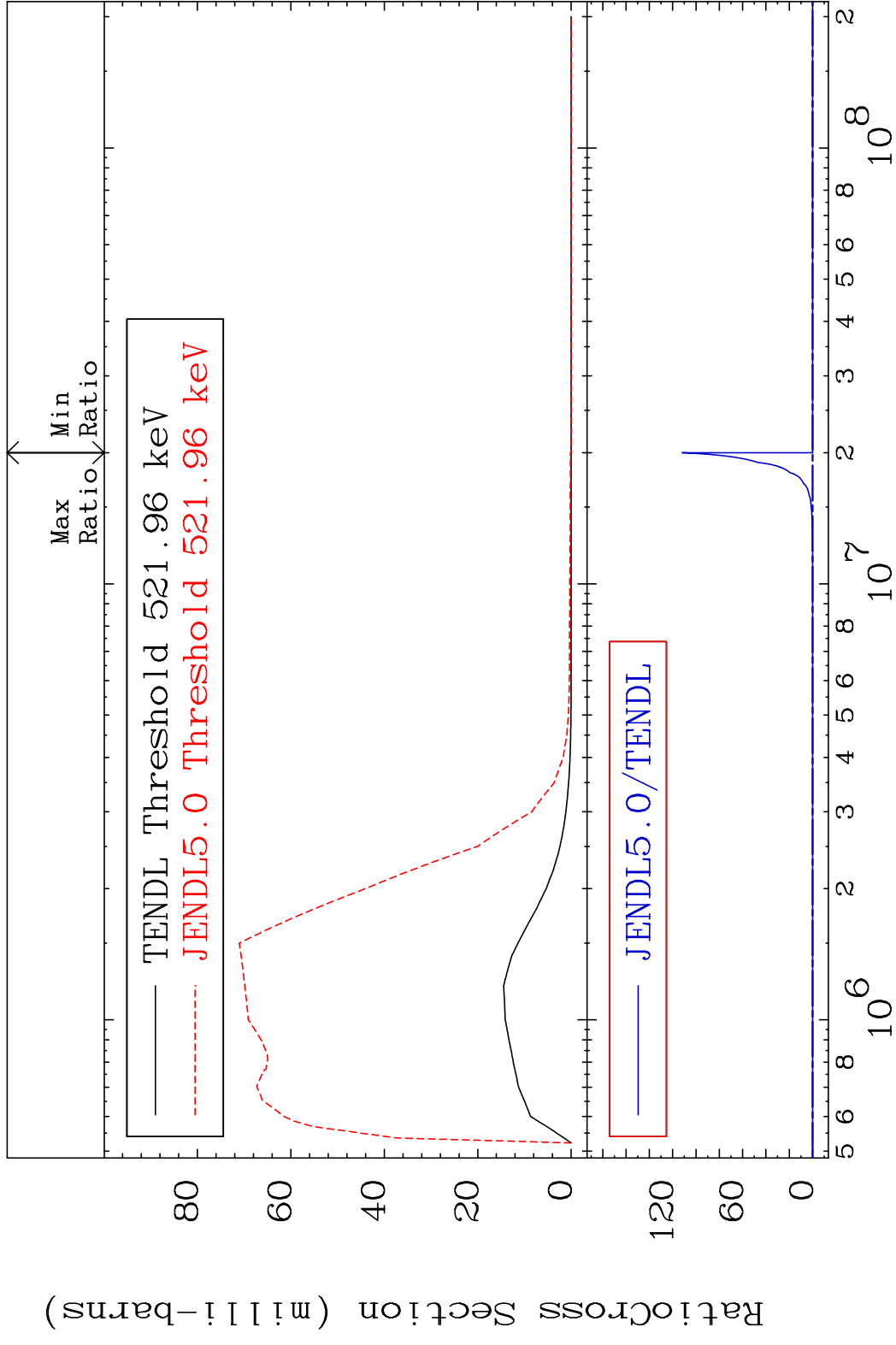
MAT 6146 MT= 72 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 2772. %



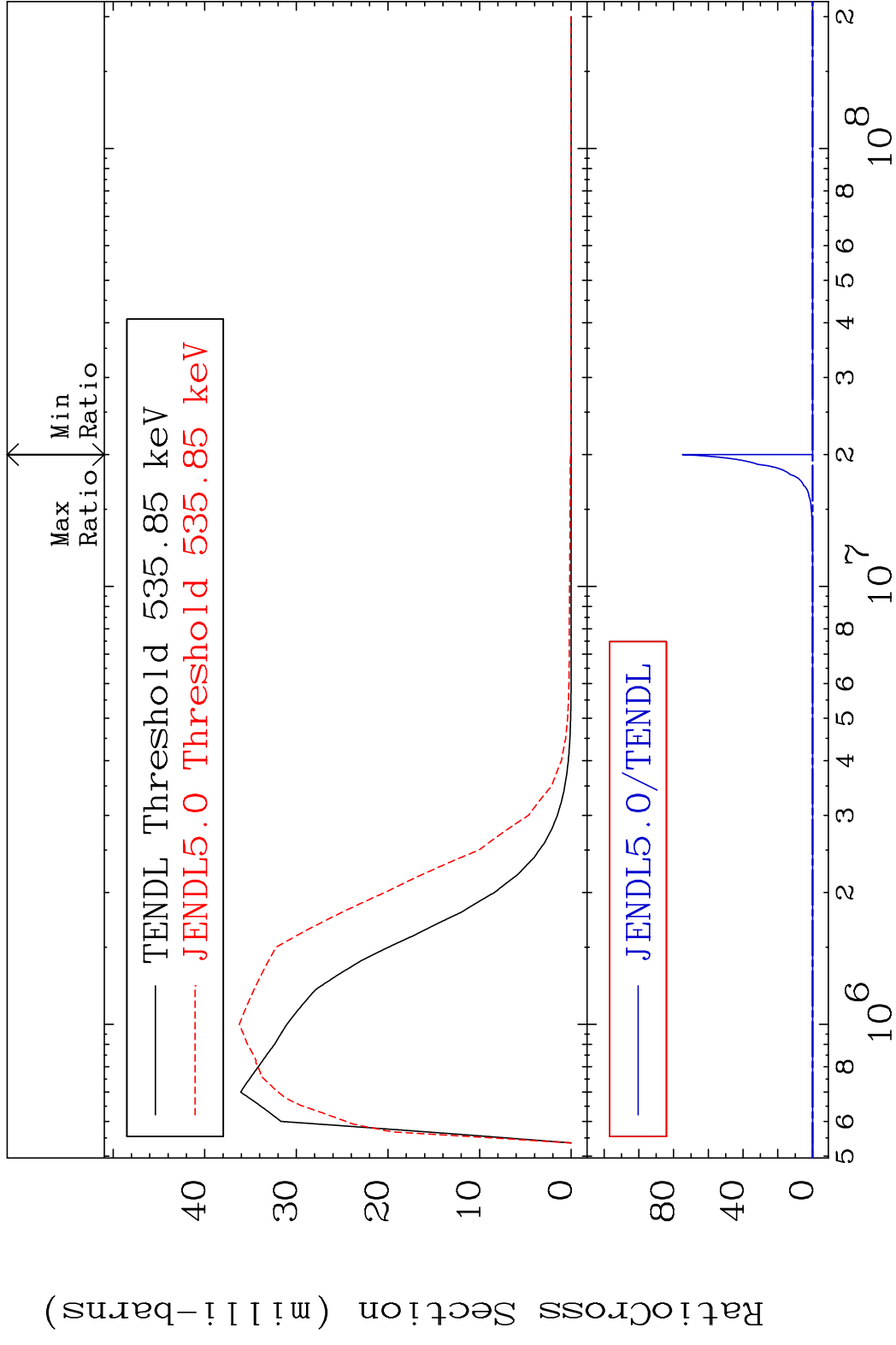
MAT 6146 MT= 73 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 216.0 %



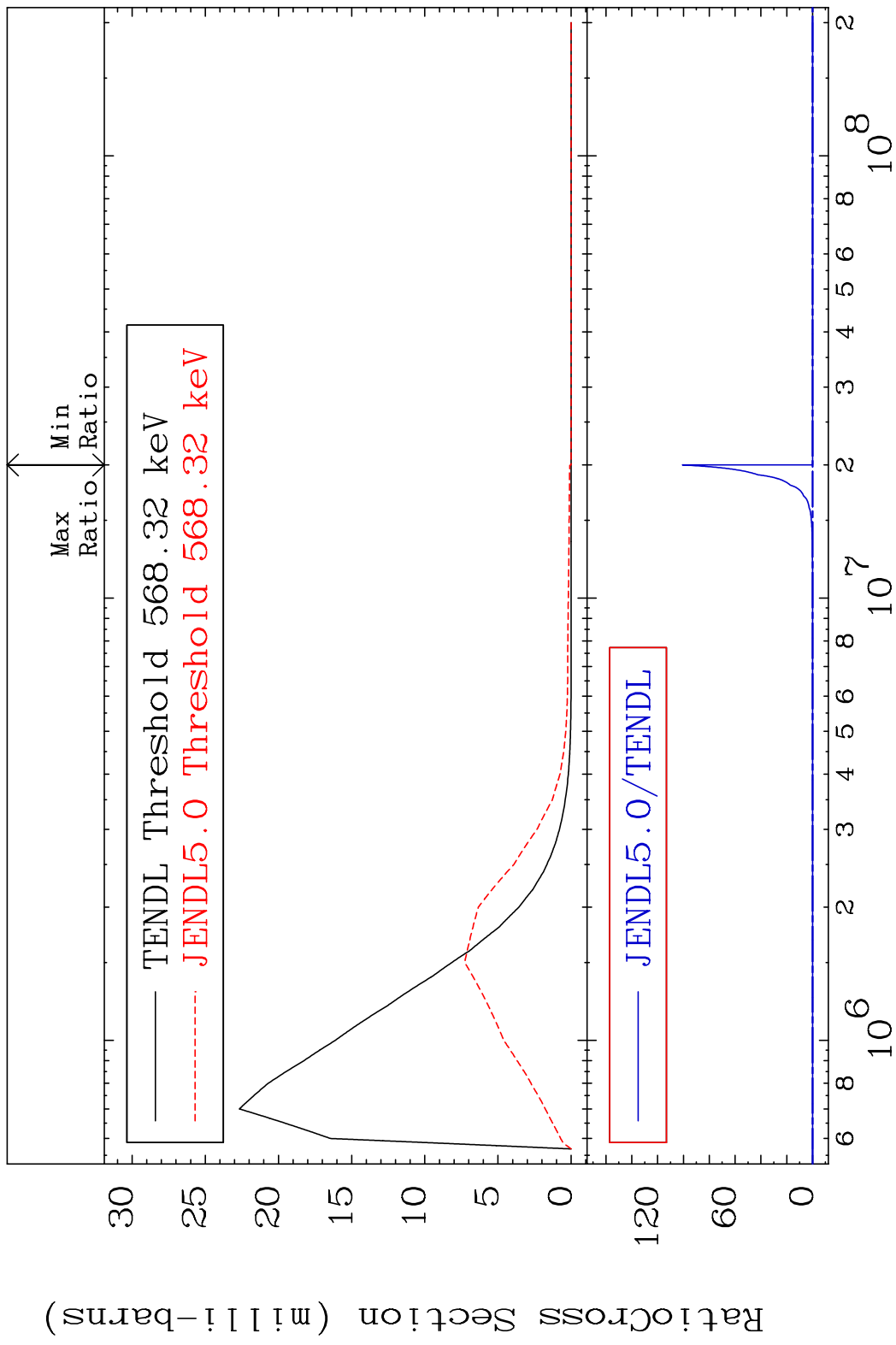
MAT 6146 MT= 74 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



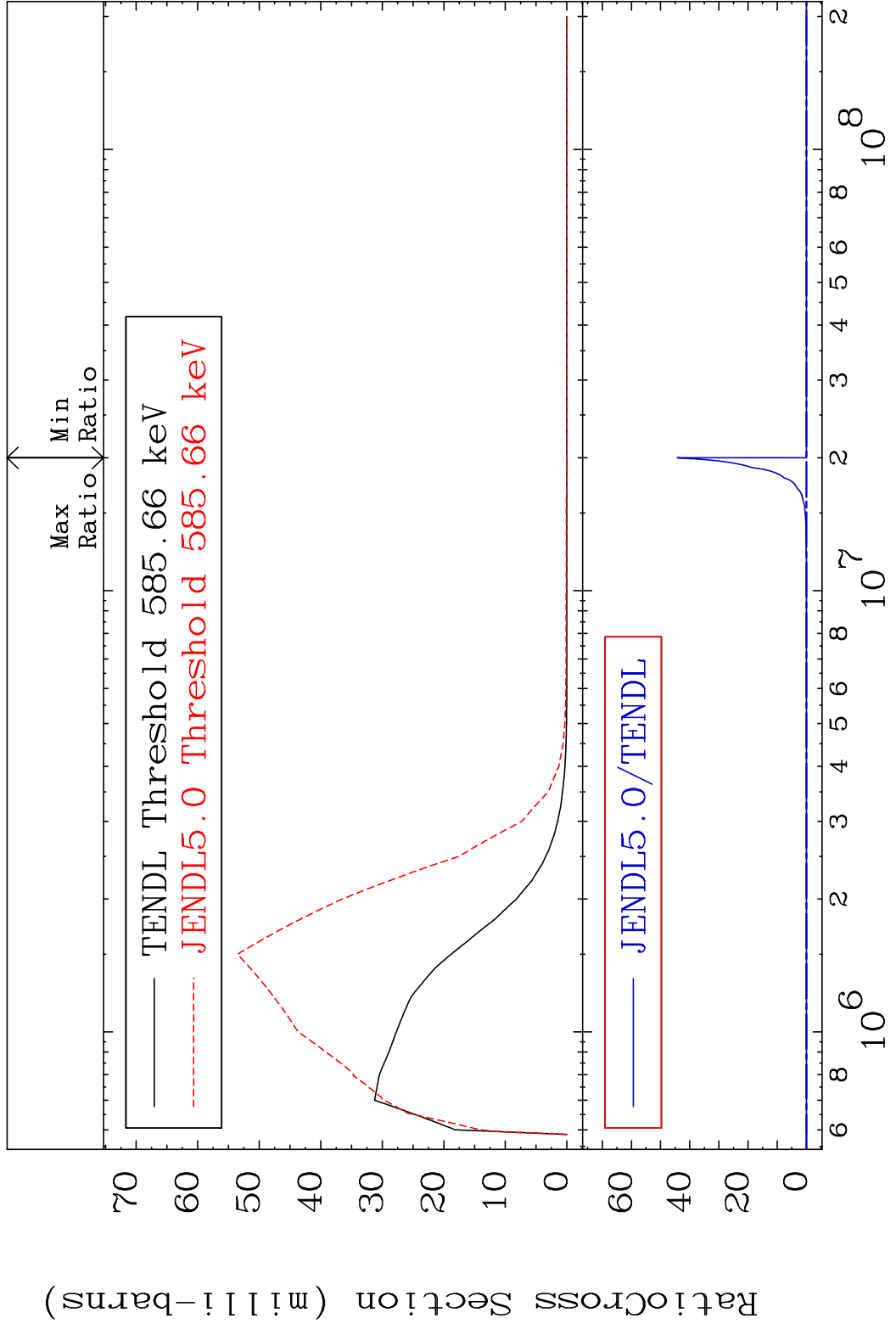
MAT 6146 MT= 75 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



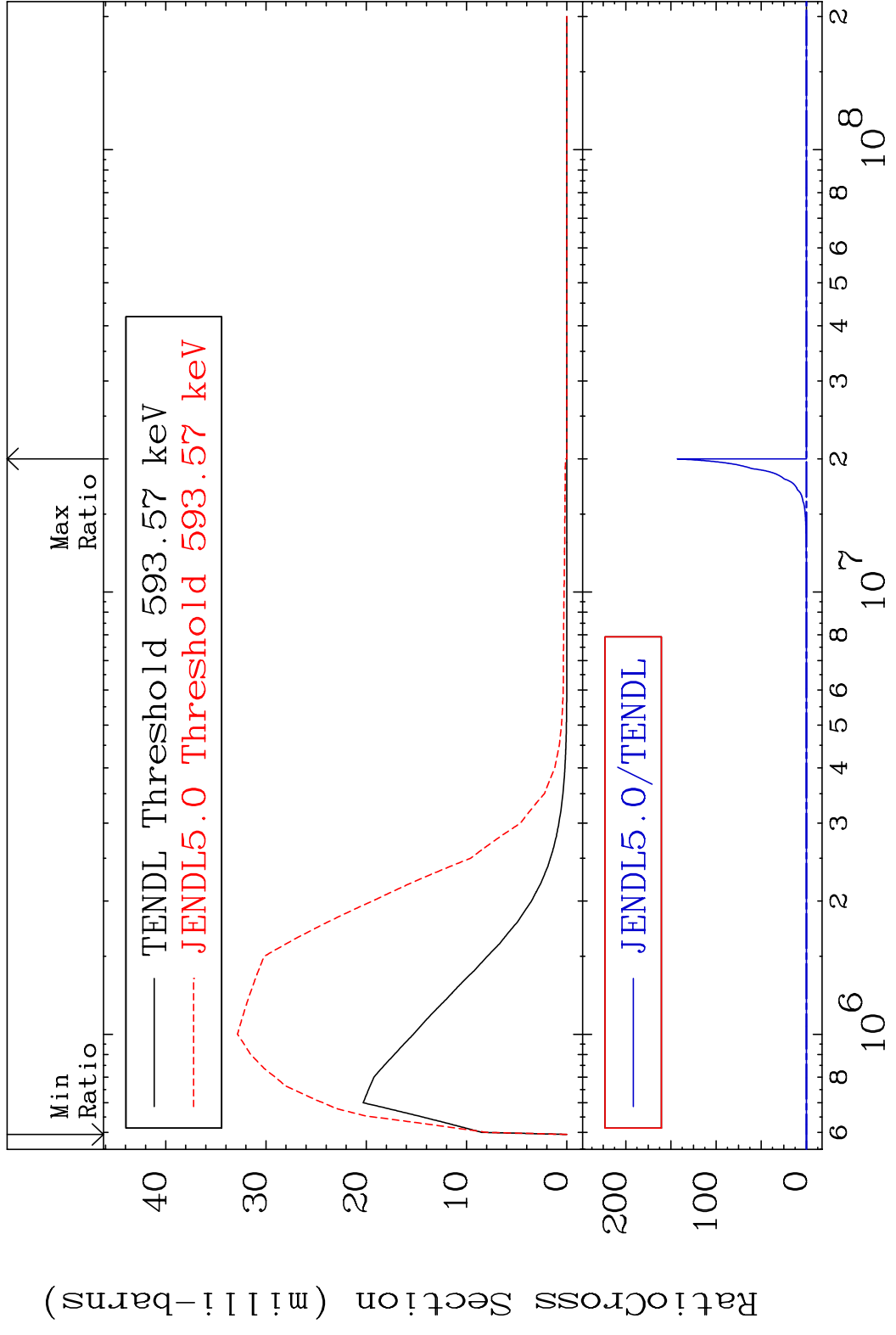
MAT 6146 MT= 76 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %



MAT 6146 MT= 77 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

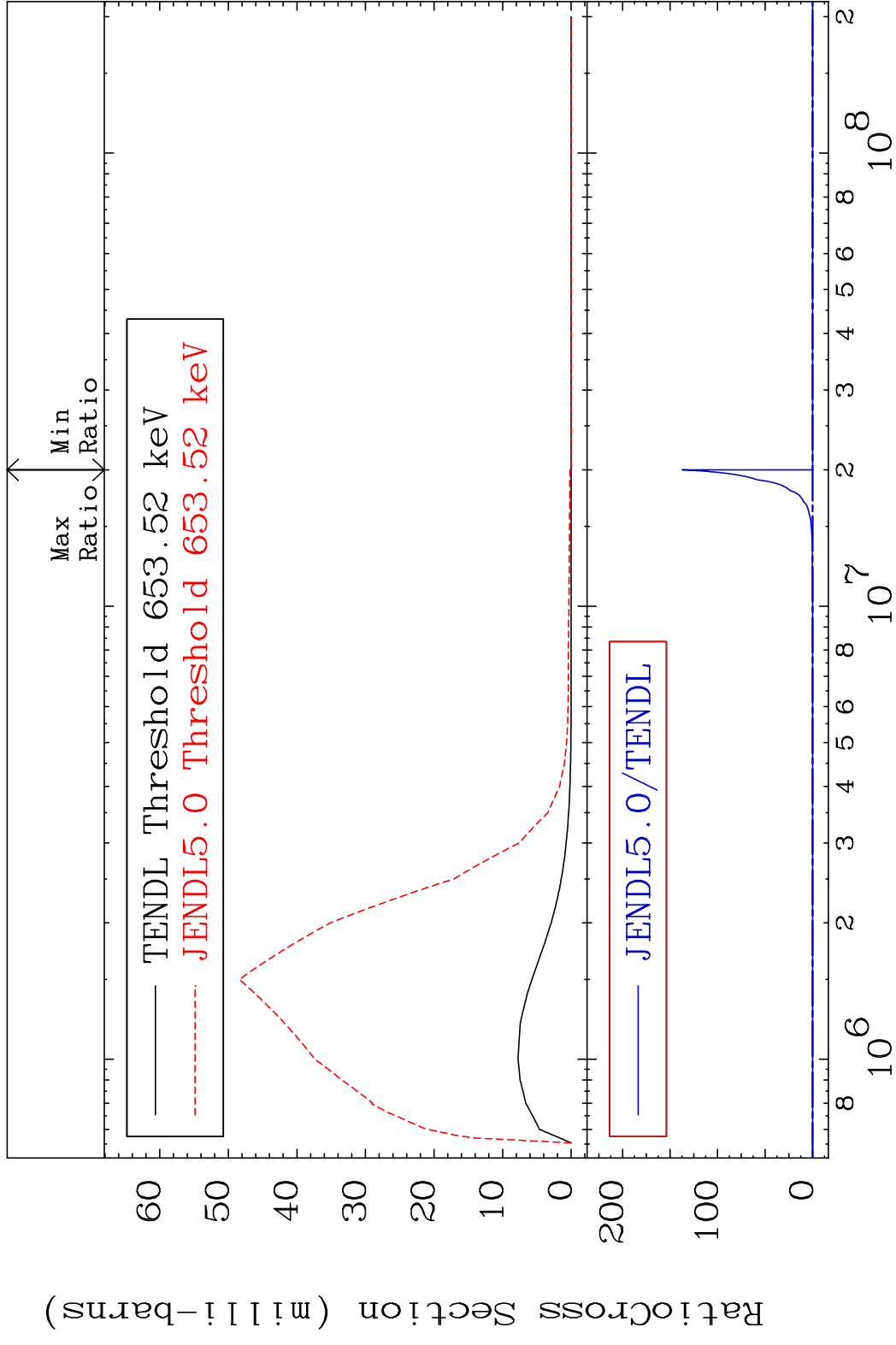


MAT 6146 MT= 78 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

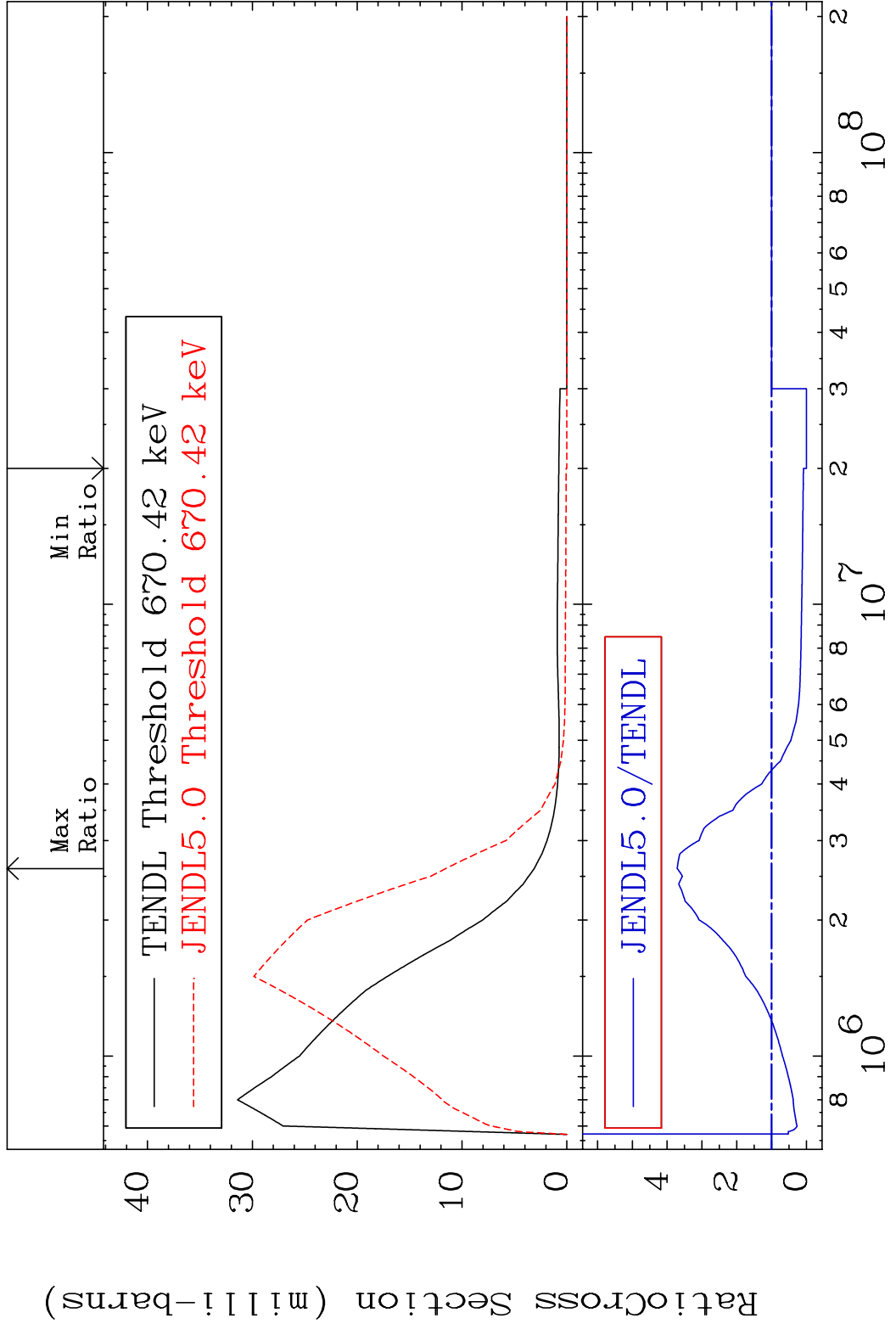


40 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 79 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

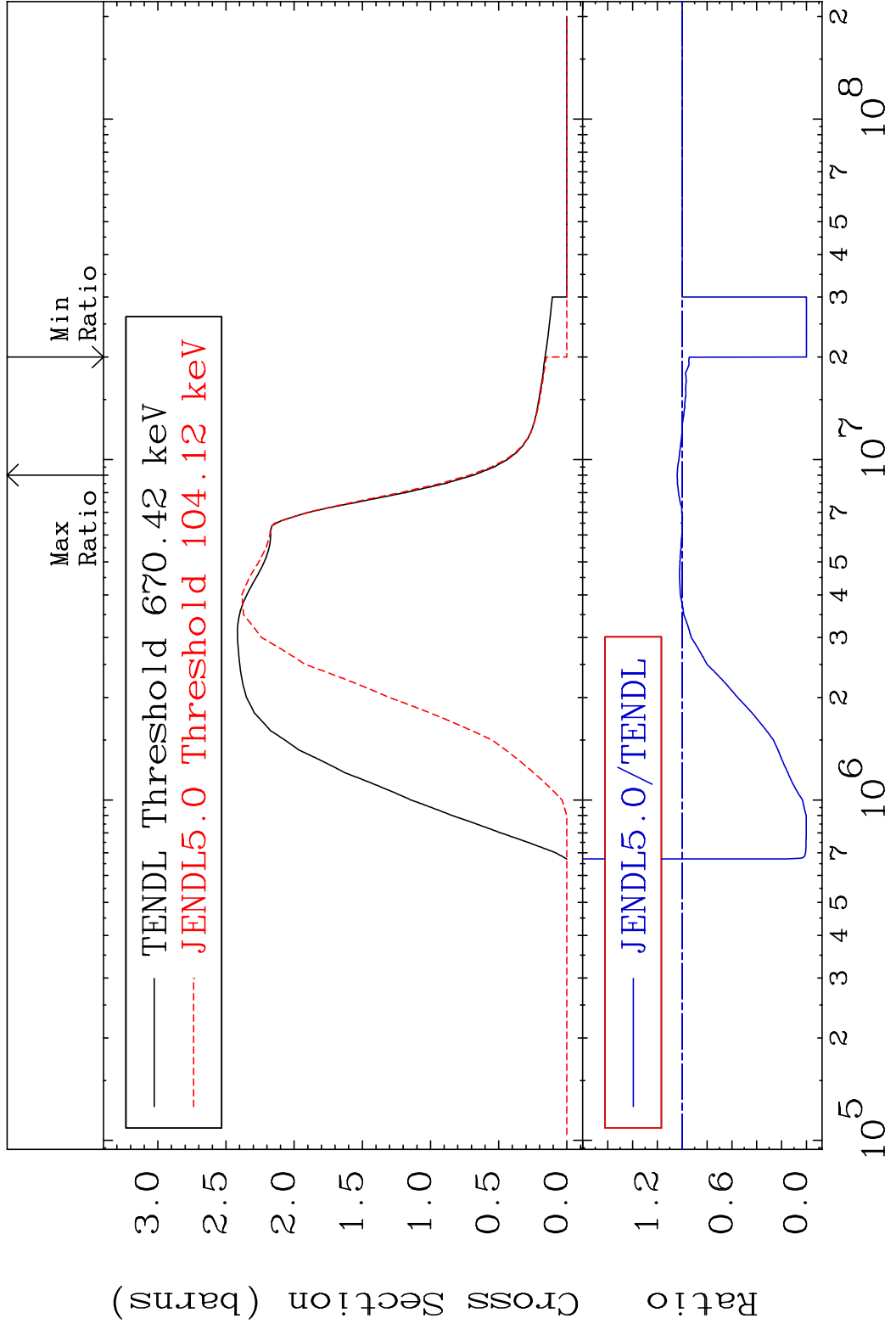


MAT 6146 MT= 80 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 271.2 %



42 Incident Energy (eV) 61-Pm-146

MAT 6146 (n, n') Continuum 61-Pm-146
 Cross Section -100.0 To 4.060 %



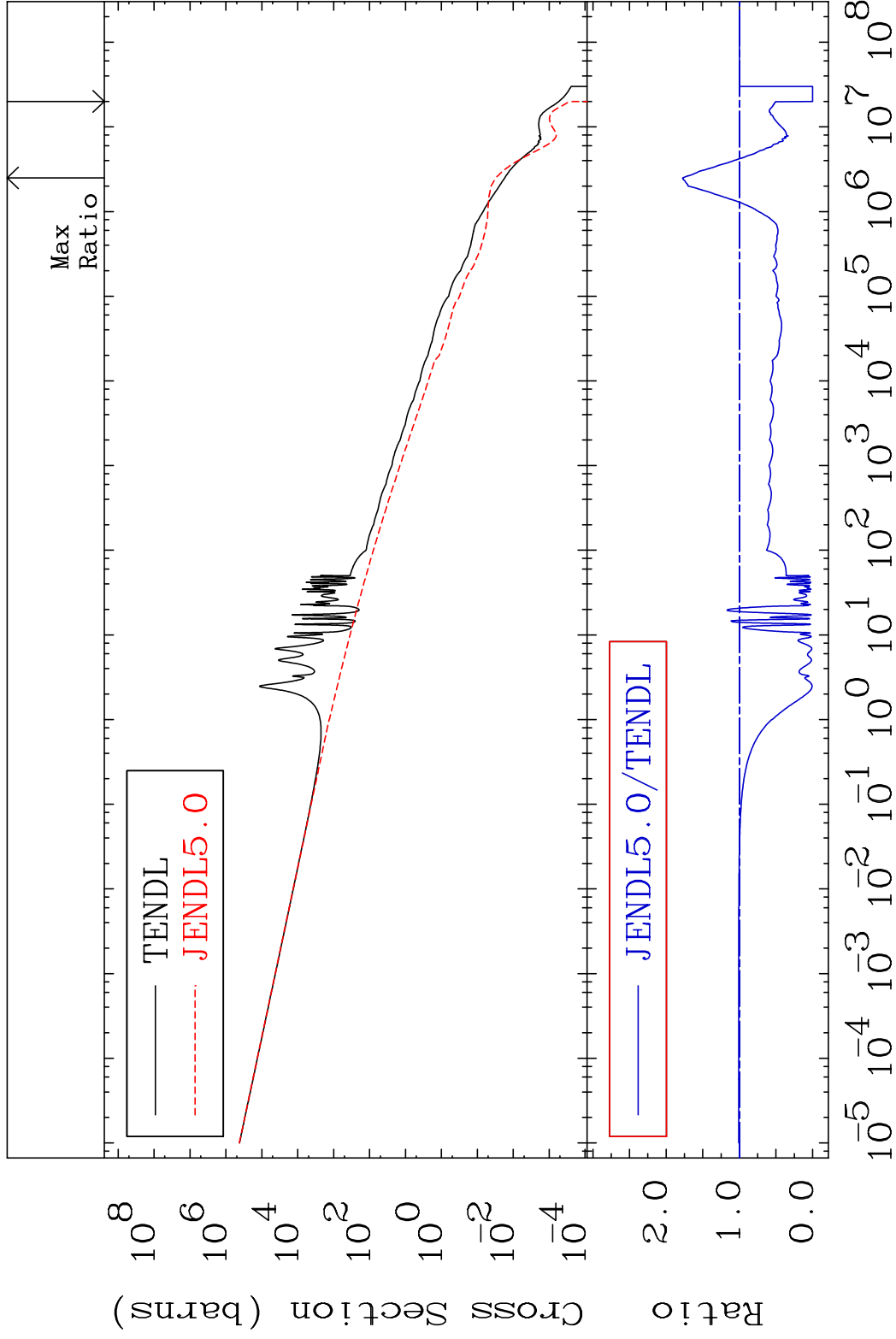
43 Incident Energy (eV) 61-Pm-146

MAT 6146

(n, γ)

61-Pm-146

Cross Section -100.0 To 77.85 %



44

Incident Energy (eV)

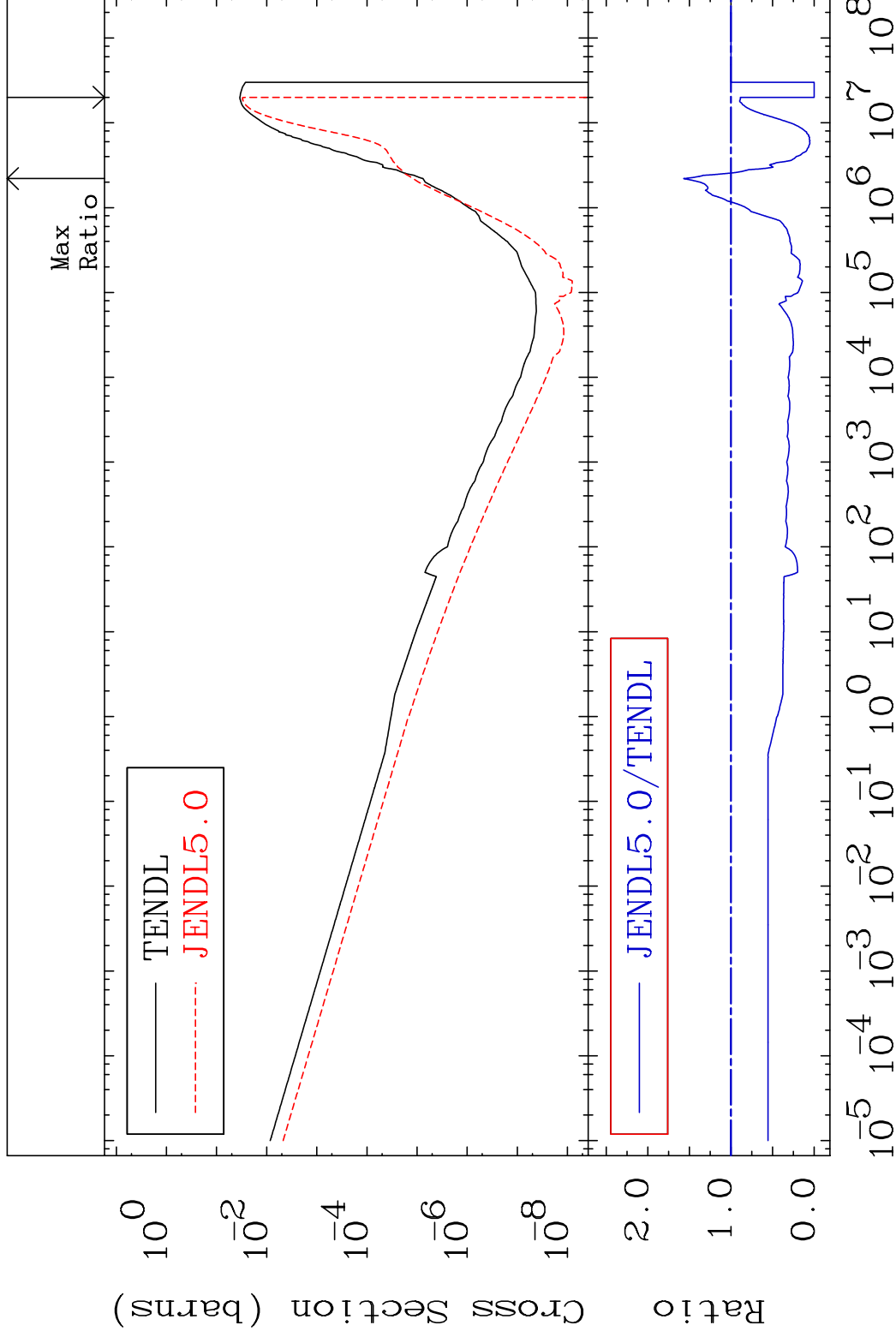
61-Pm-146

MAT 6146

(n, p)

61-Pm-146

Cross Section -100.0 To 56.82 %

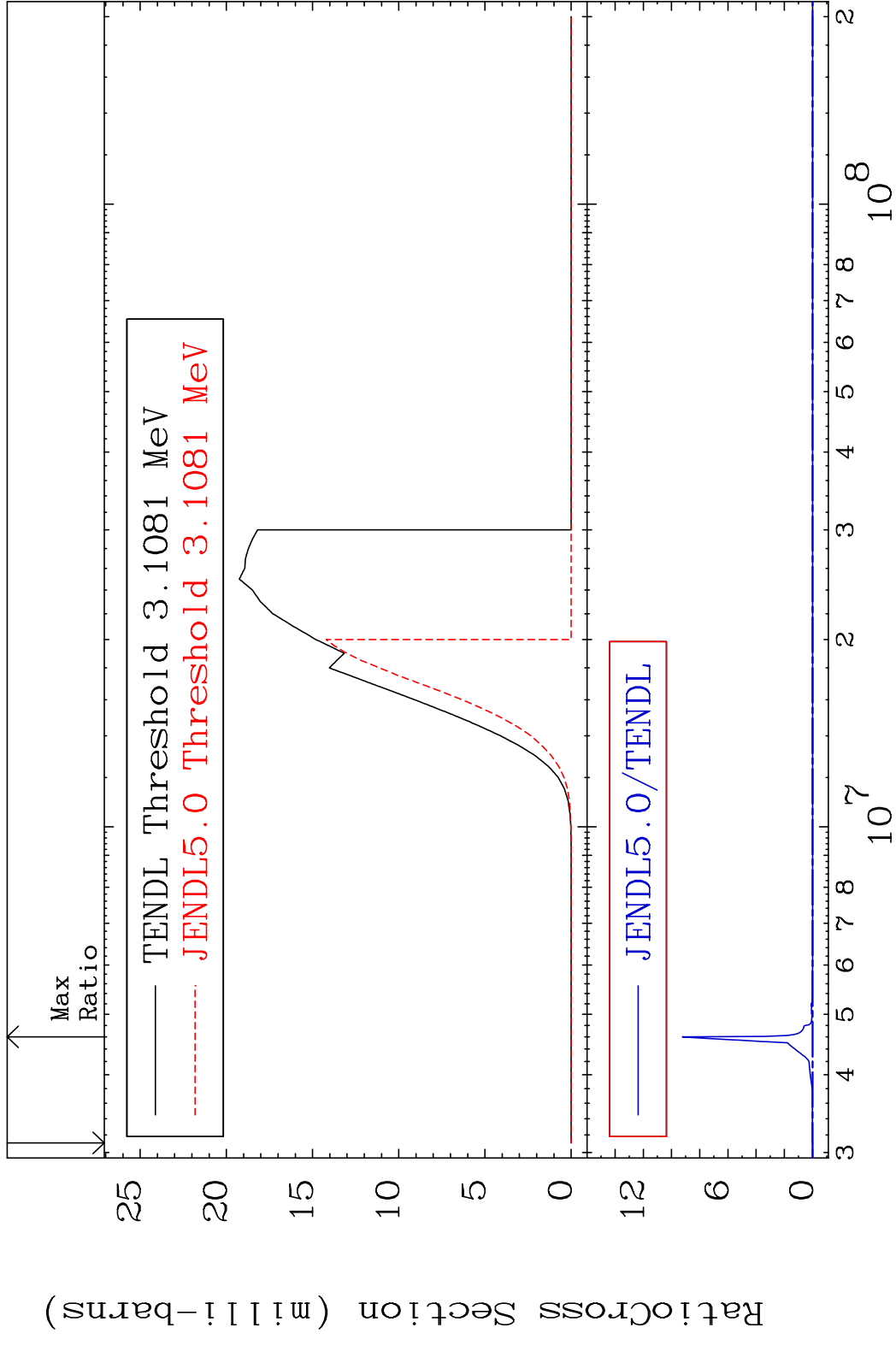


45

Incident Energy (eV)

61-Pm-146

MAT 6146 (n,d) 61-Pm-146
 Cross Section -100.0 To 9999. %

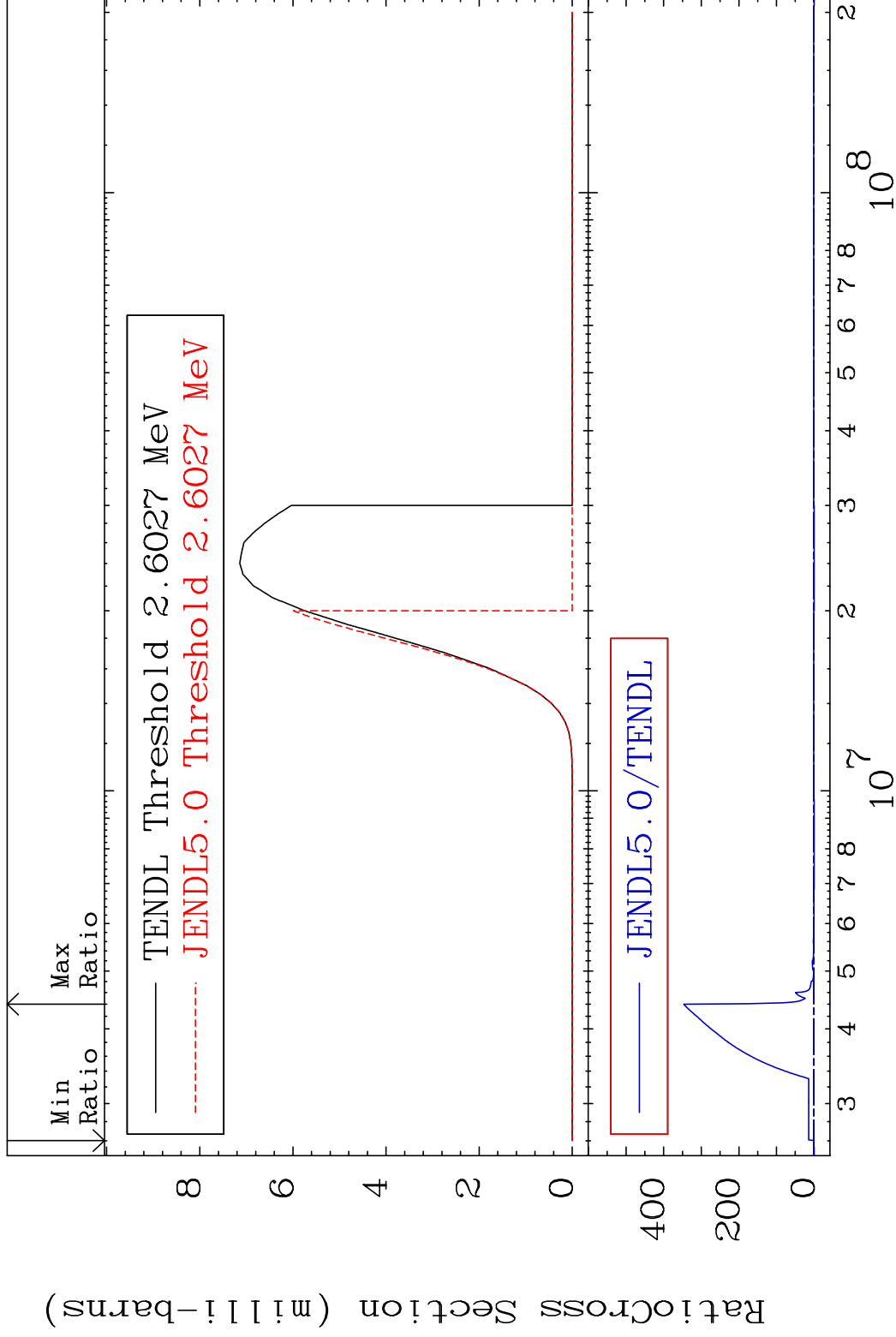


MAT 6146

(n, t)

61-Pm-146

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

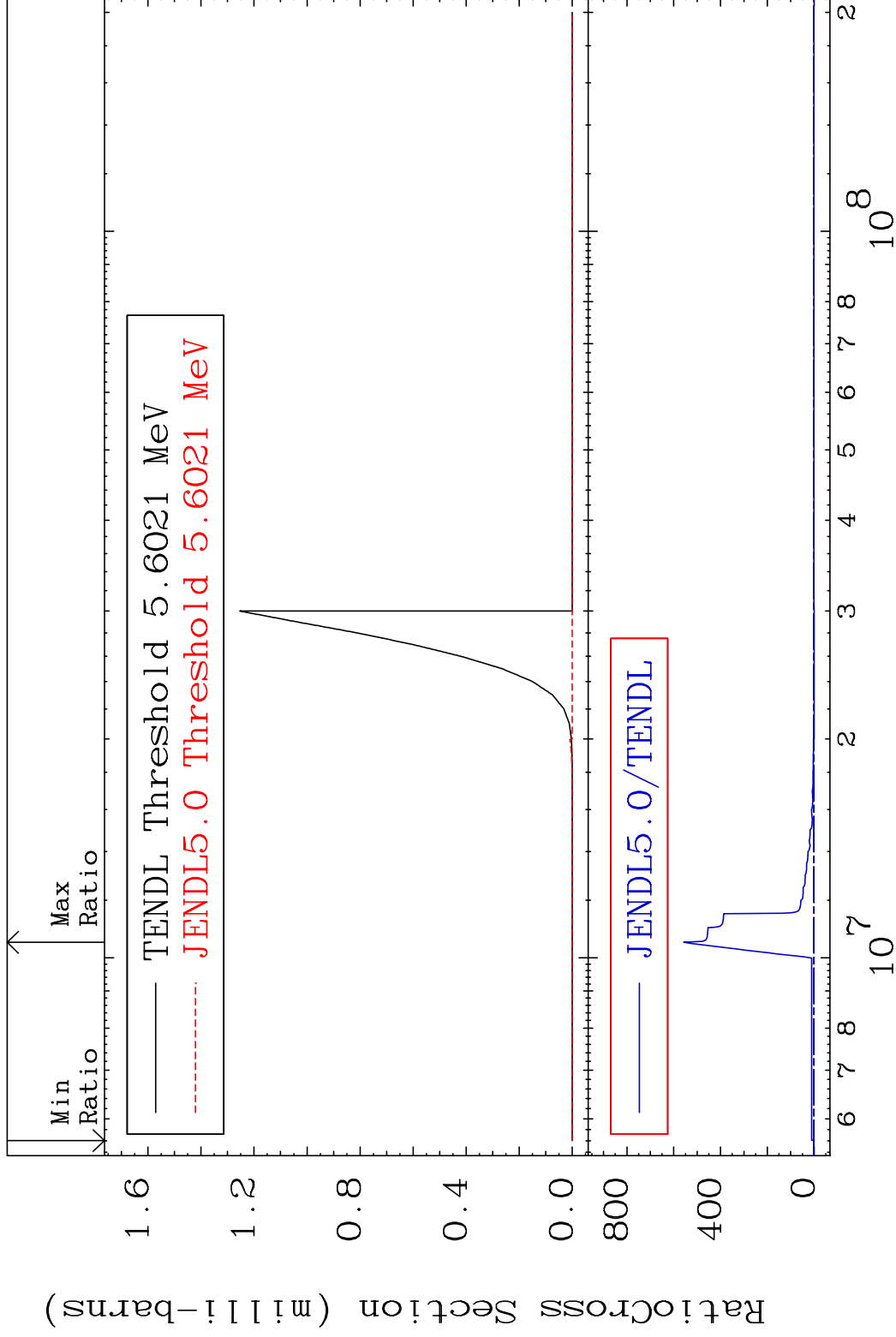
61-Pm-146

MAT 6146

(n, He-3)

61-Pm-146

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

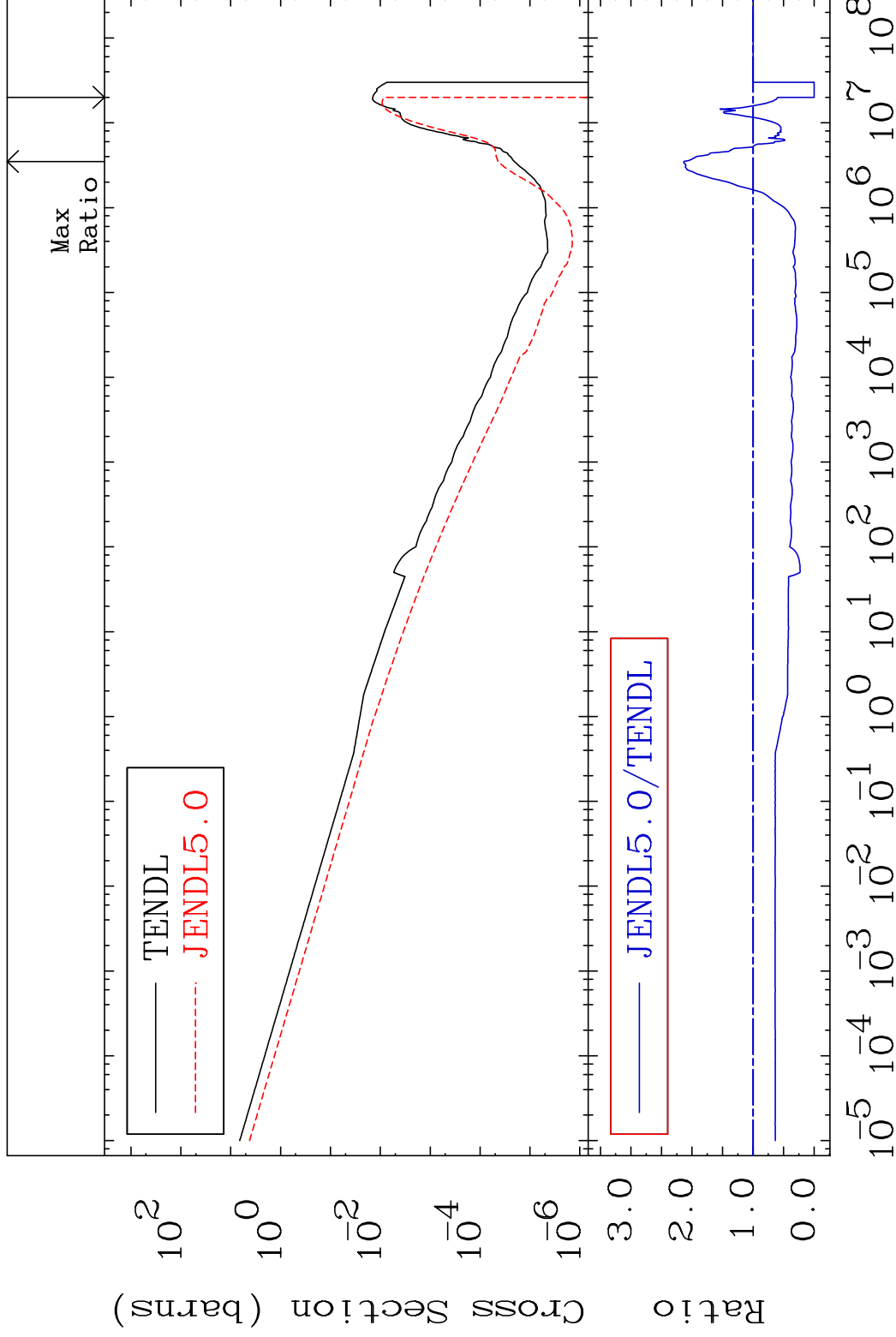
61-Pm-146

MAT 6146

(n, α)

61-Pm-146

Cross Section -100.0 To 113.7 %



49

Incident Energy (eV)

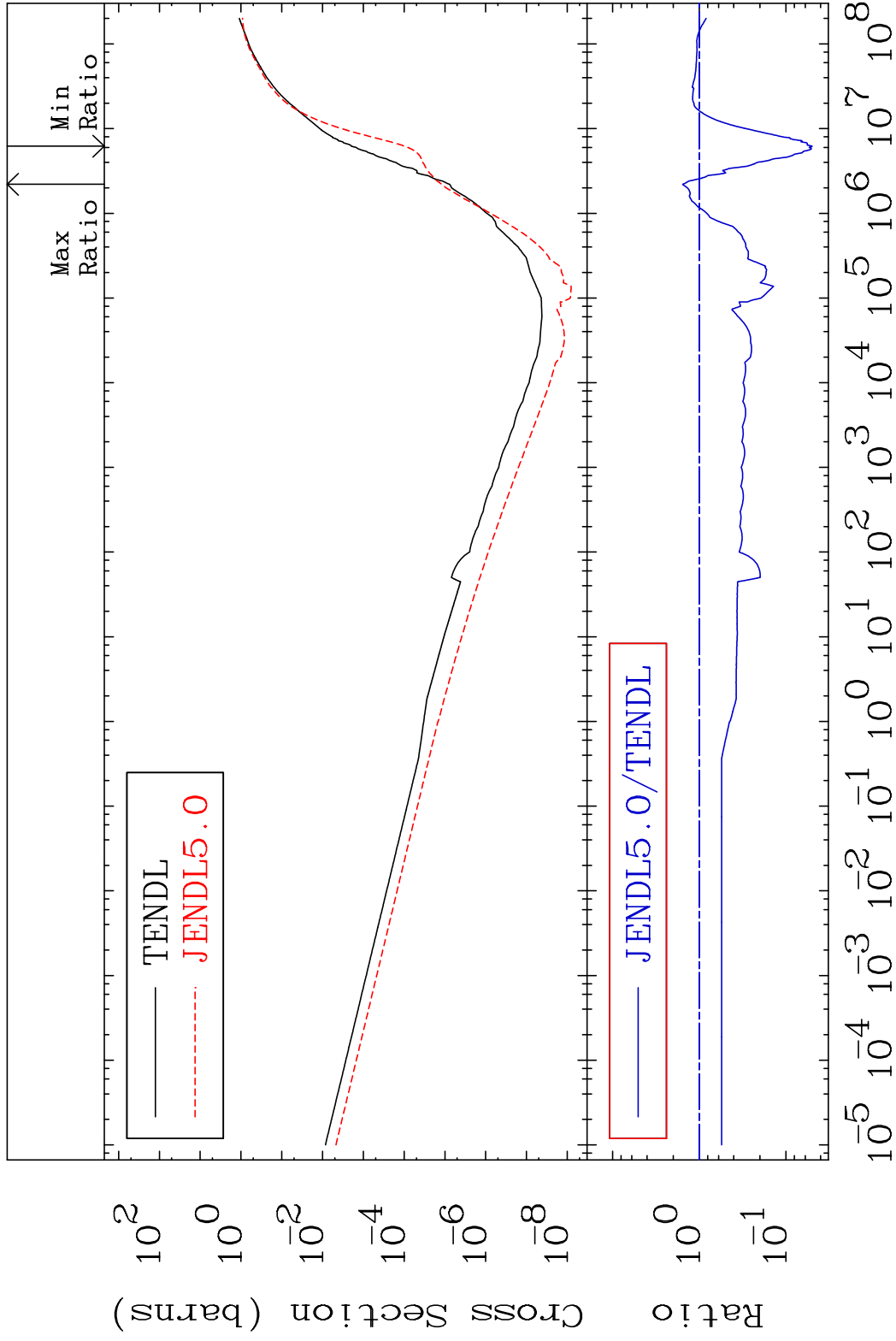
61-Pm-146

MAT 6146

Hydrogen Production

61-Pm-146

Cross Section -95.06 To 56.82 %

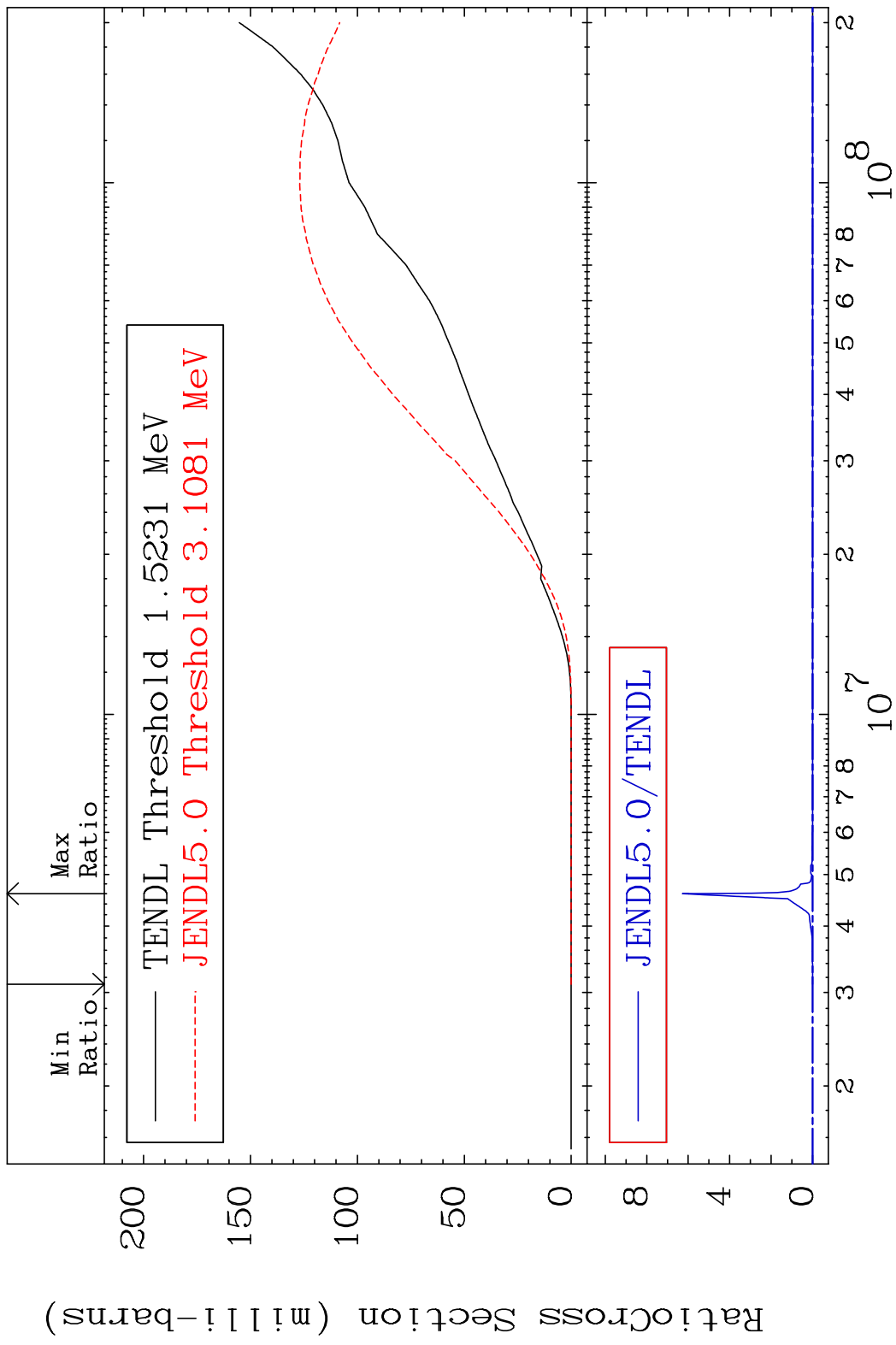


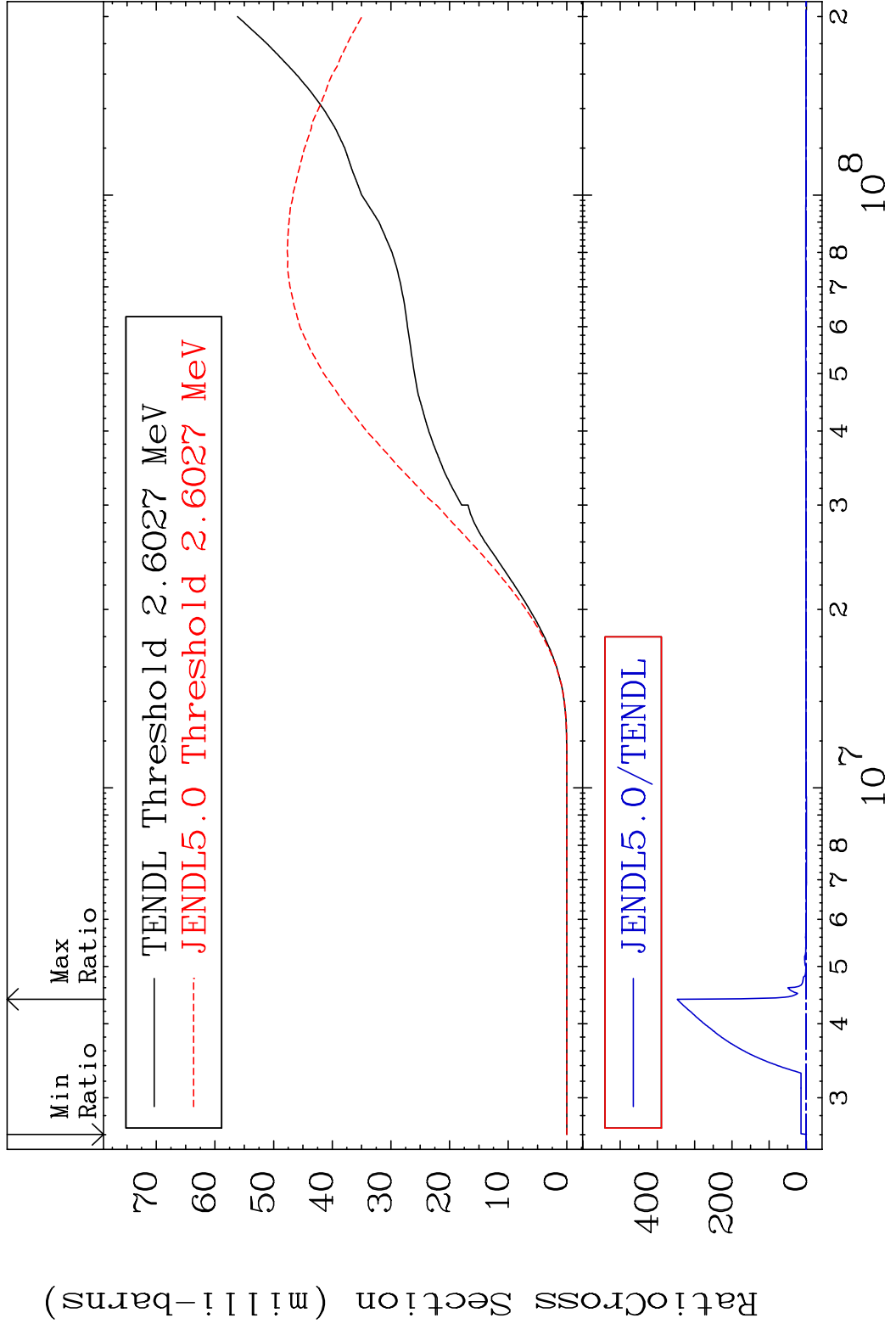
50

Incident Energy (eV)

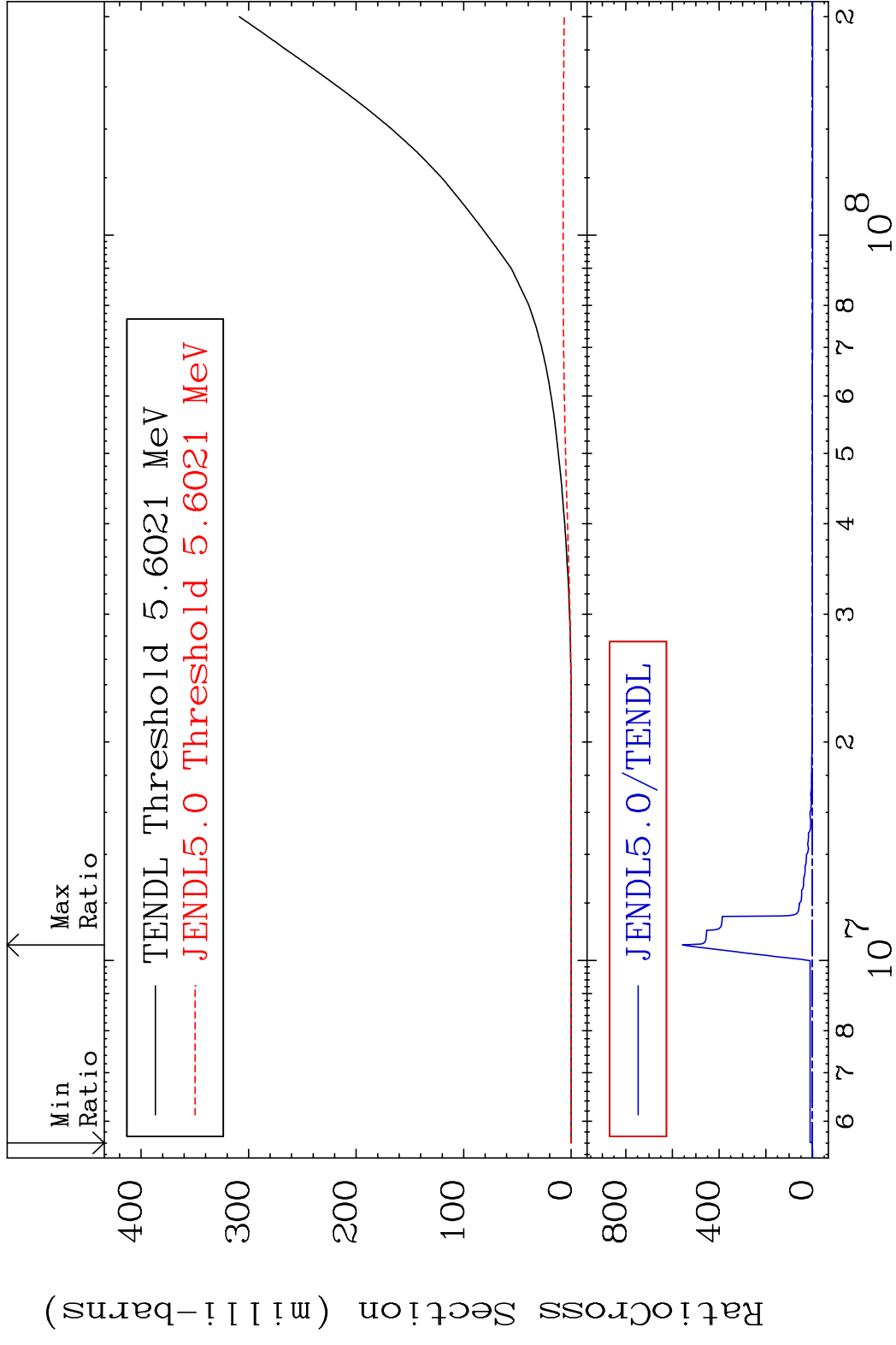
61-Pm-146

MAT 6146 Deuterium Production 61-Pm-146
 Cross Section -100.0 To 9999. %





MAT 6146 He-3 Production 61-Pm-146
 Cross Section -100.0 To 9999. %



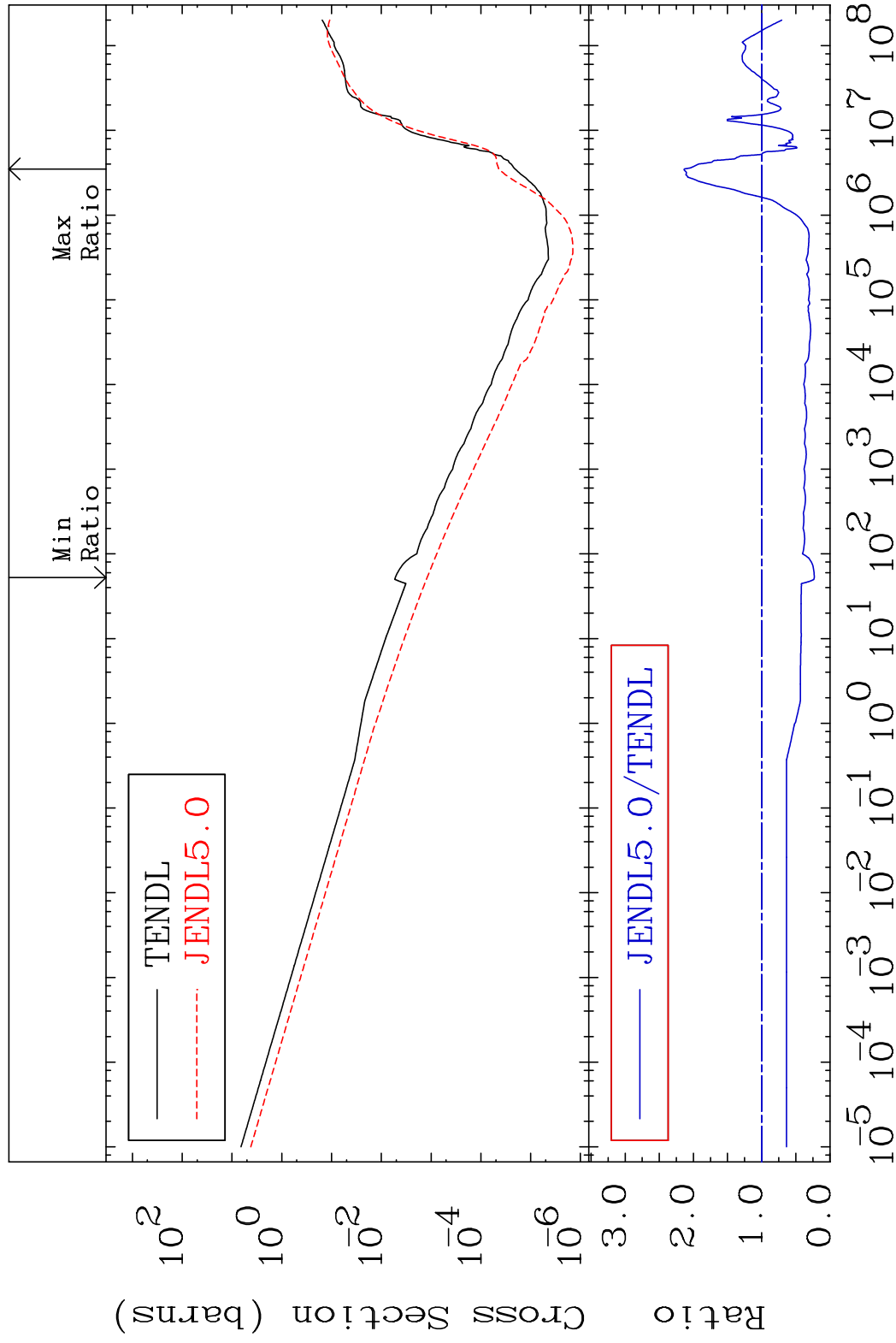
53 Incident Energy (eV) 61-Pm-146

MAT 6146

He-4 Production

61-Pm-146

Cross Section -77.10 To 113.7 %

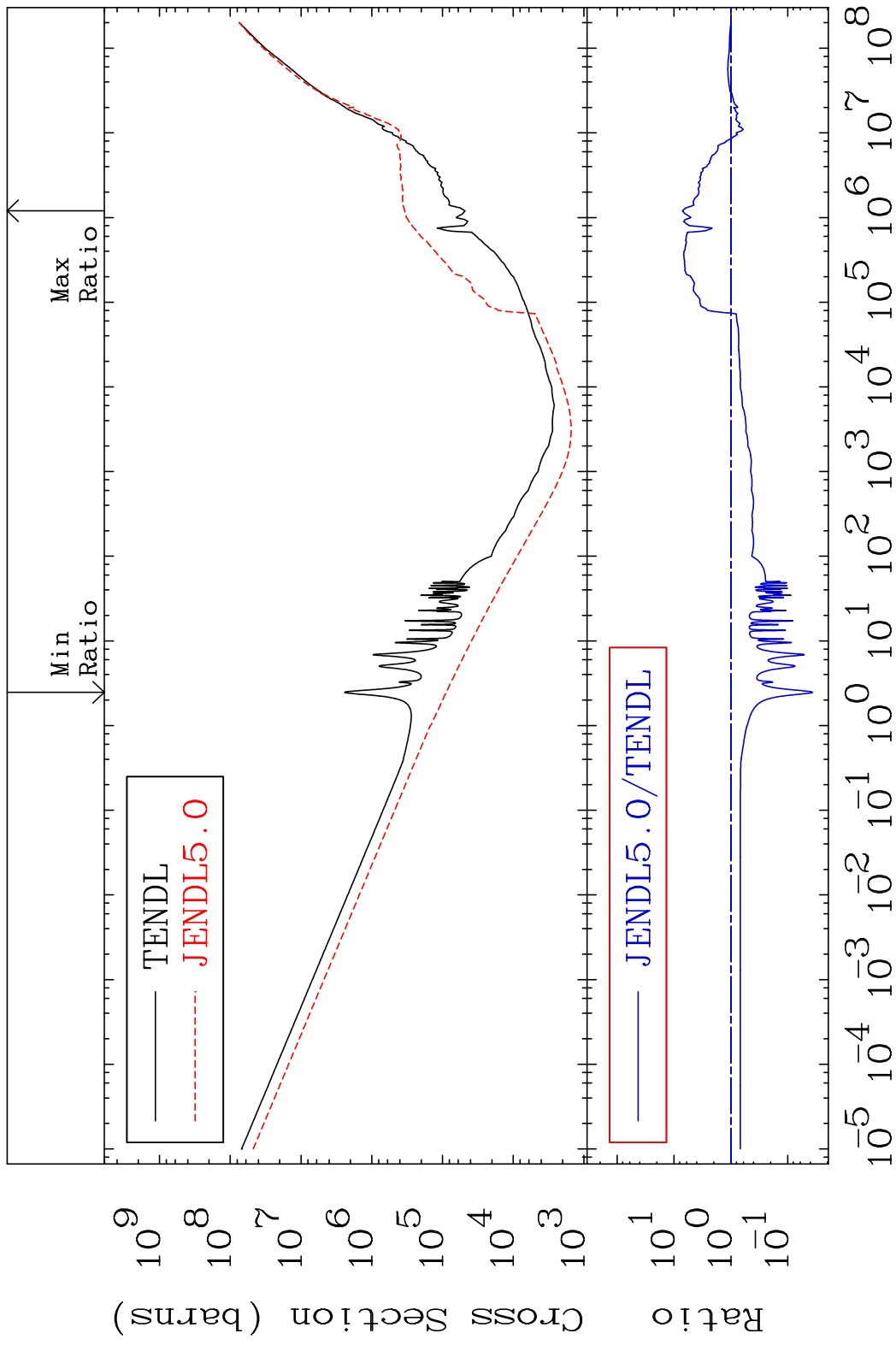


54

Incident Energy (eV)

61-Pm-146

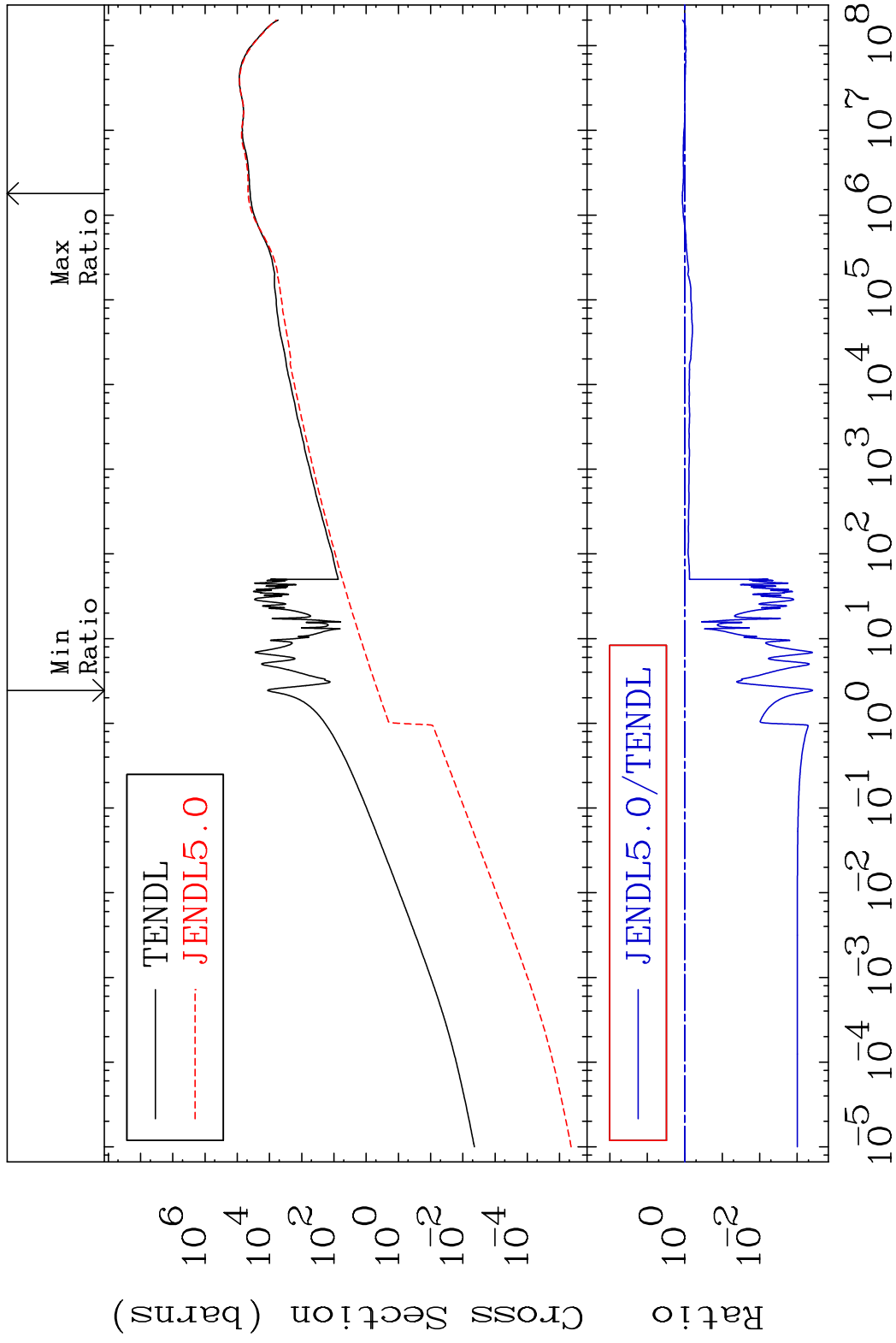
MAT 6146 Kerma total (eV-barns) 61-Pm-146
 Cross Section -96.34 To 614.7 %



MAT 6146

Kerma elastic
Cross Section

61-Pm-146
-99.96 To 16.00 %

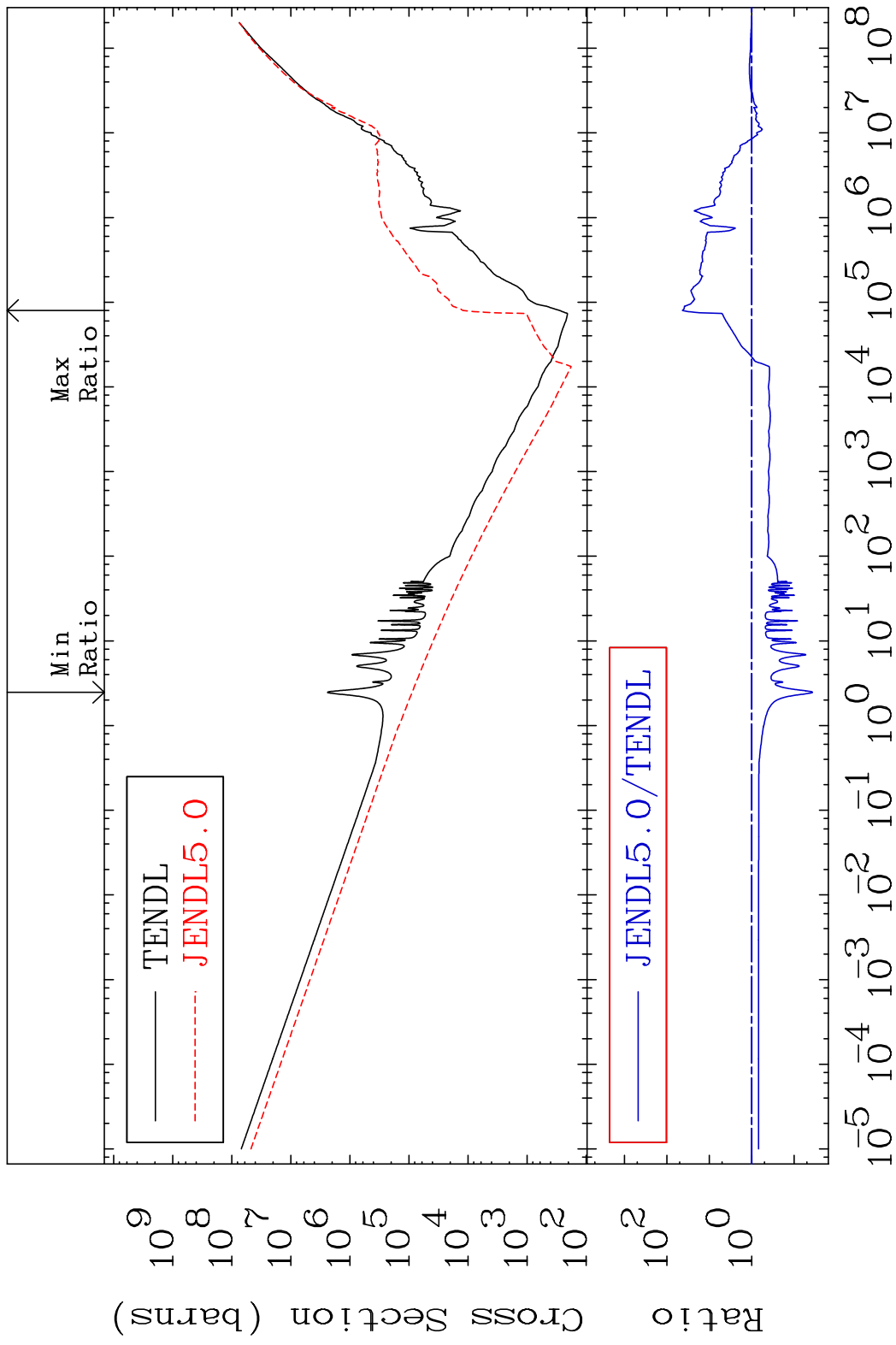


56

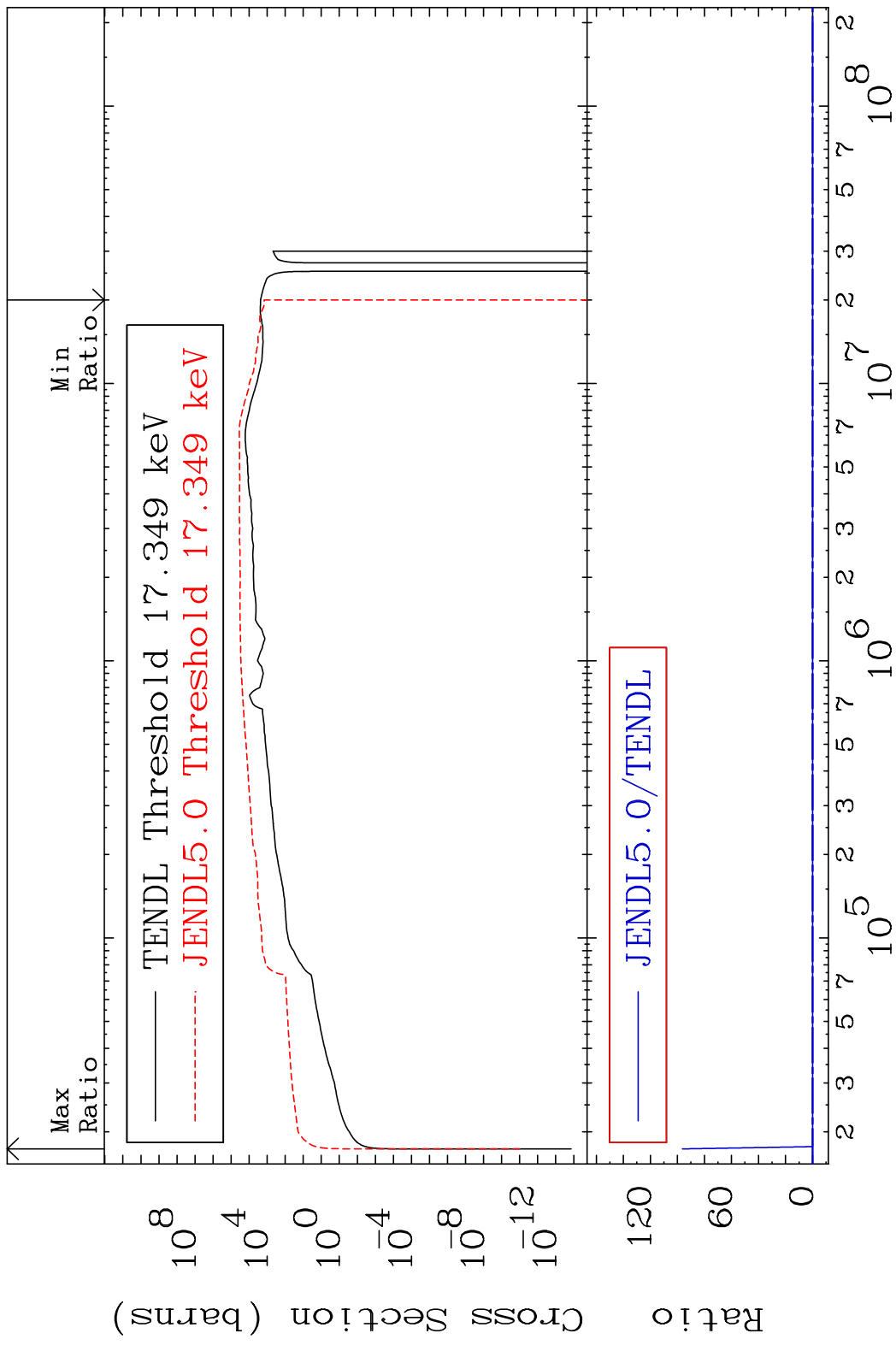
Incident Energy (eV)

61-Pm-146

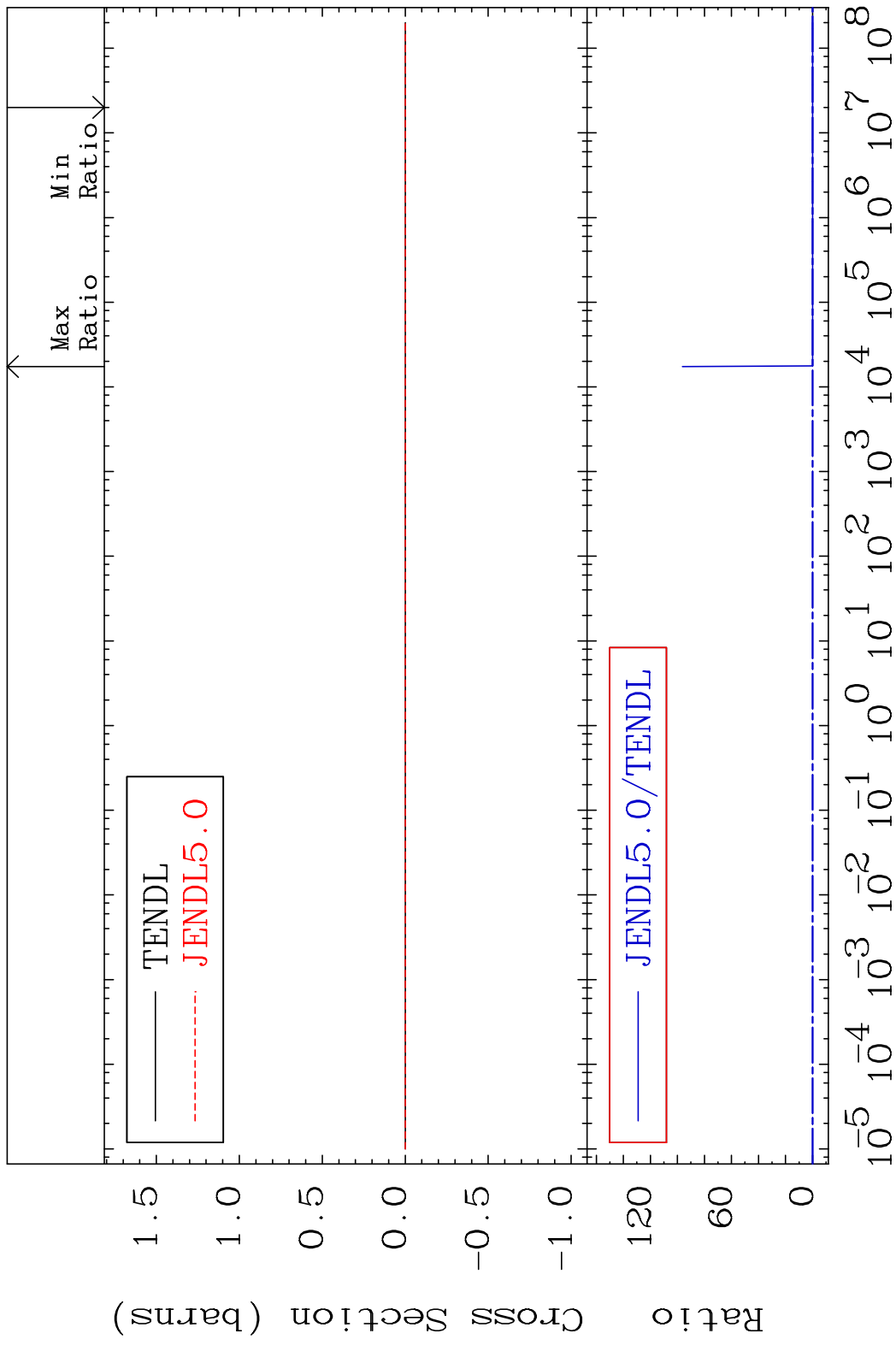
MAT 6146 Kerma non-elastic (all but mt2) 61-Pm-146
 Cross Section -96.32 To 4207. %



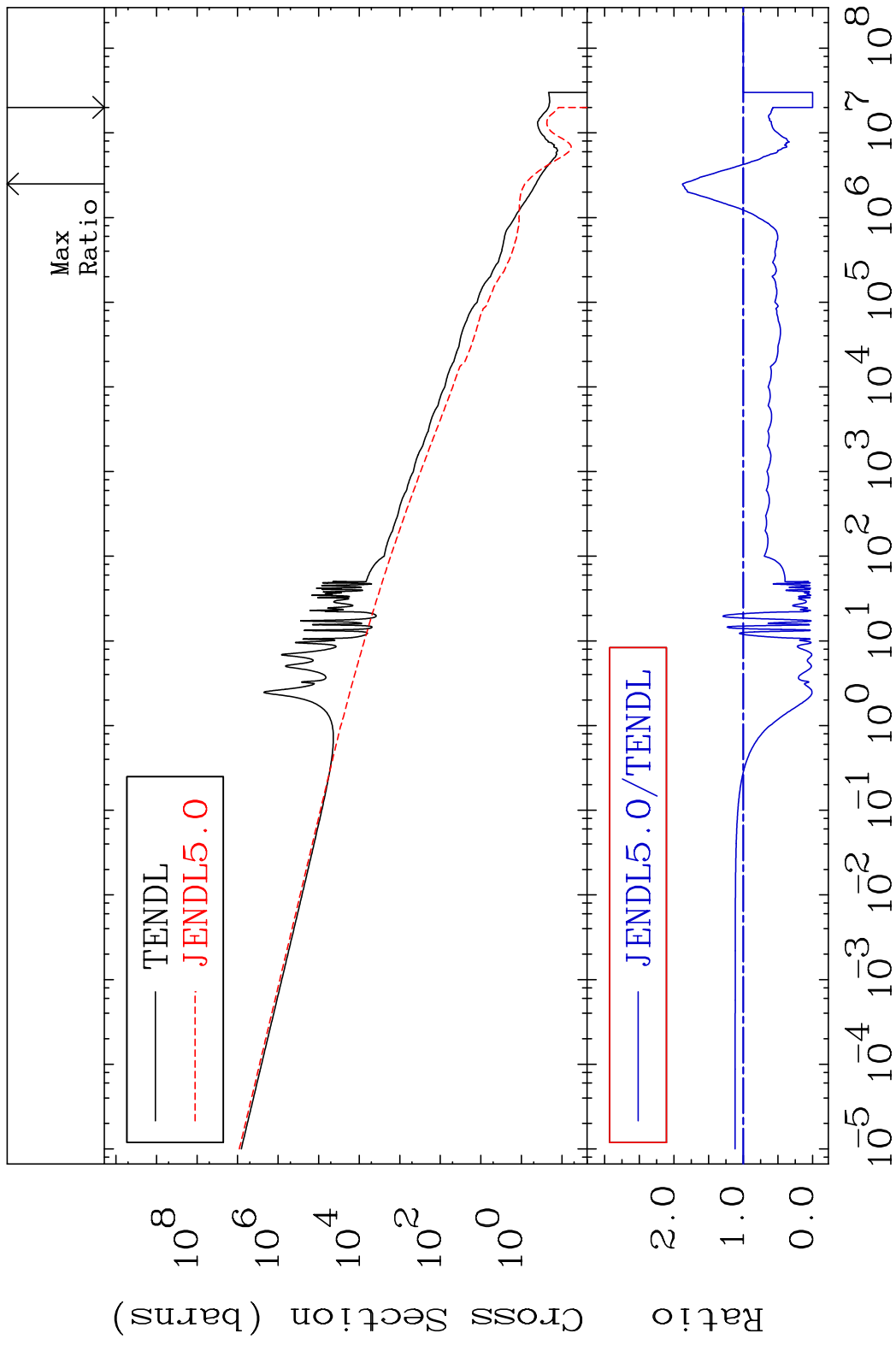
MAT 6146 Kerma inelastic (mt51-91) 61-Pm-146
 Cross Section -100.0 To 9999. %



MAT 6146 Kerma fission (mt18 or mt19-20-21-38) β 1-Pm-146
 Cross Section -100.0 To 9999. %

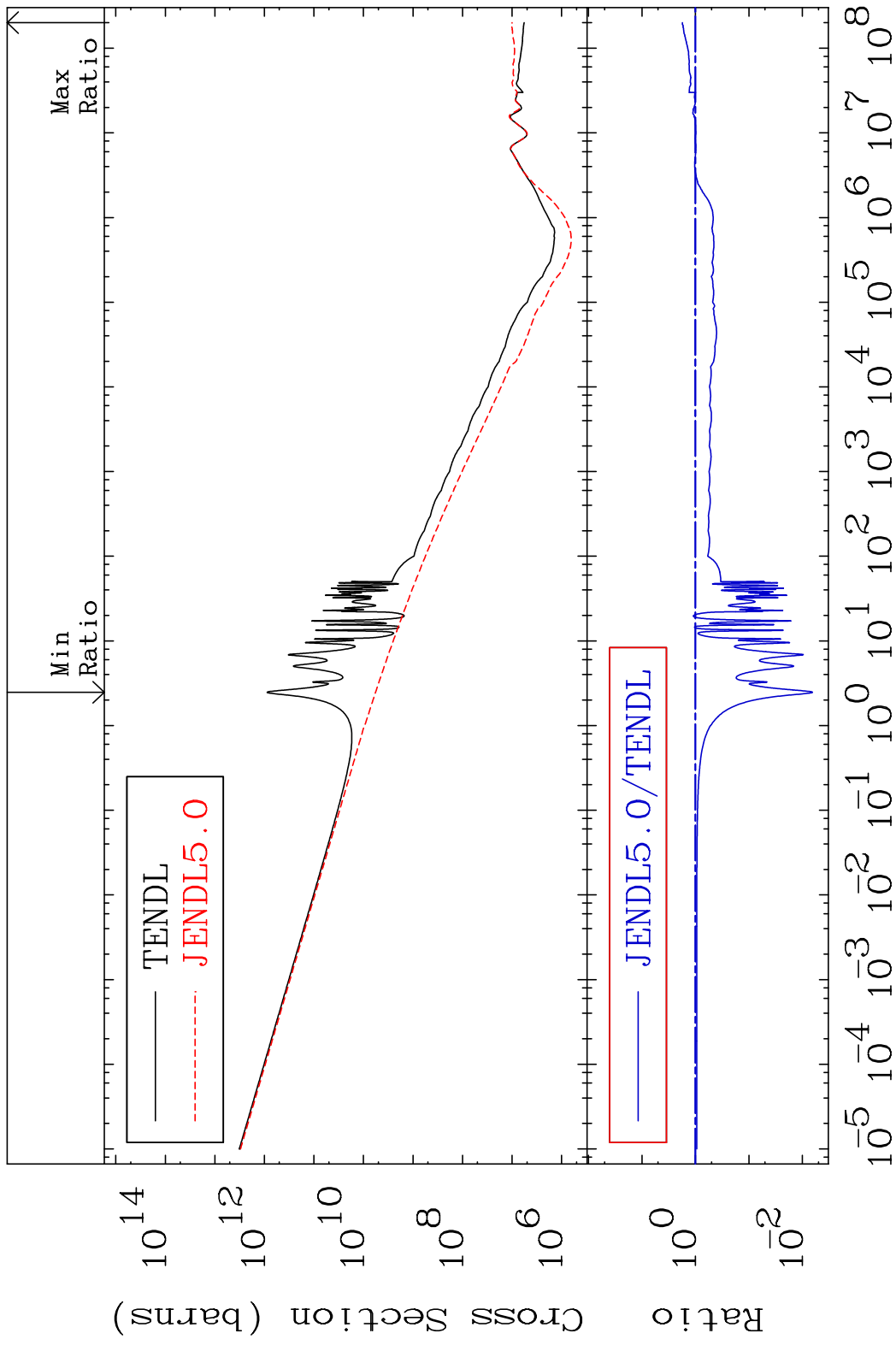


MAT 6146 Kerma capture (mt102) 61-Pm-146
Cross Section -100.0 To 87.86 %



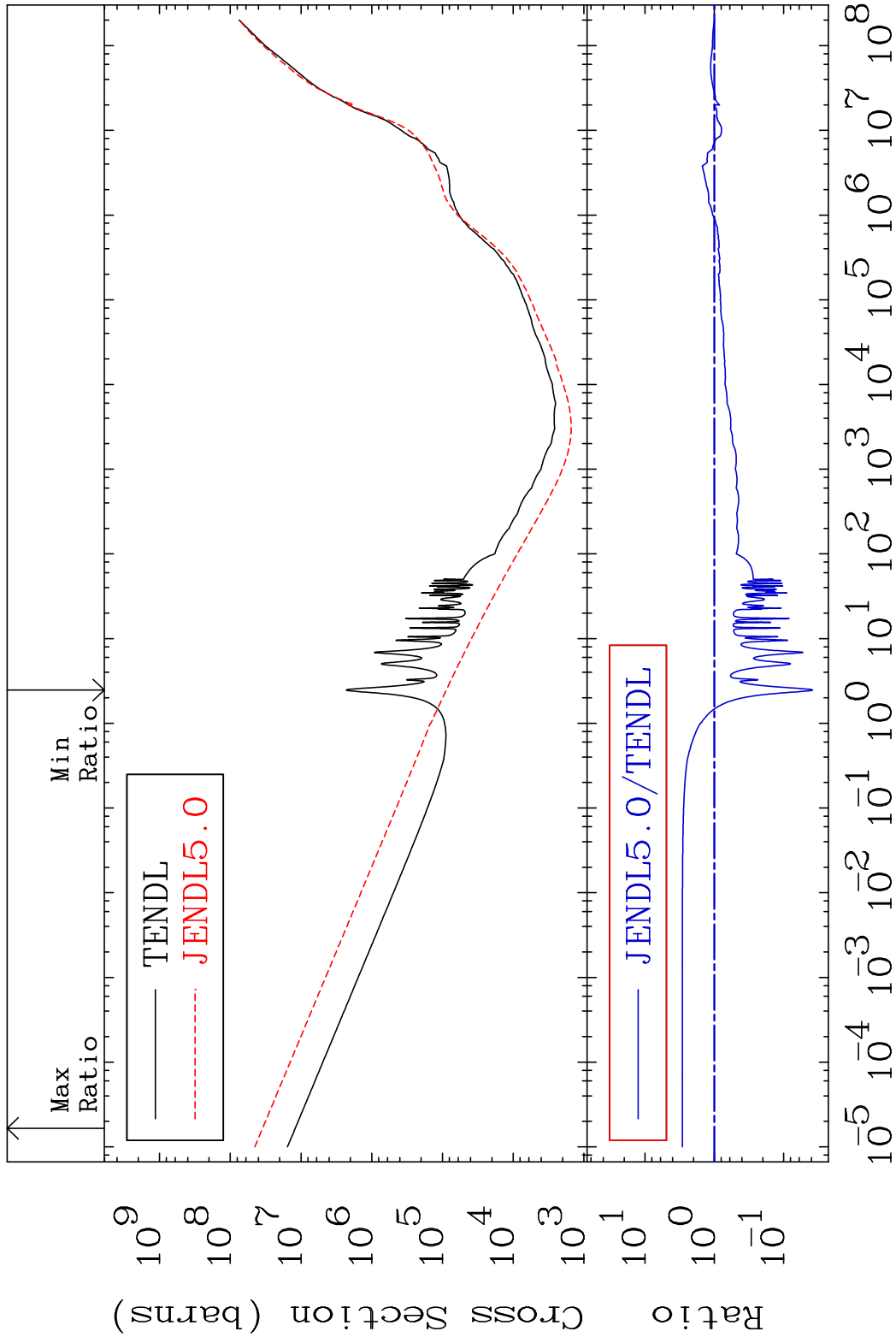
60 Incident Energy (eV) 61-Pm-146

MAT 6146 Total photon (eV-barns) 61-Pm-146
Cross Section -99.36 To 75.60 %

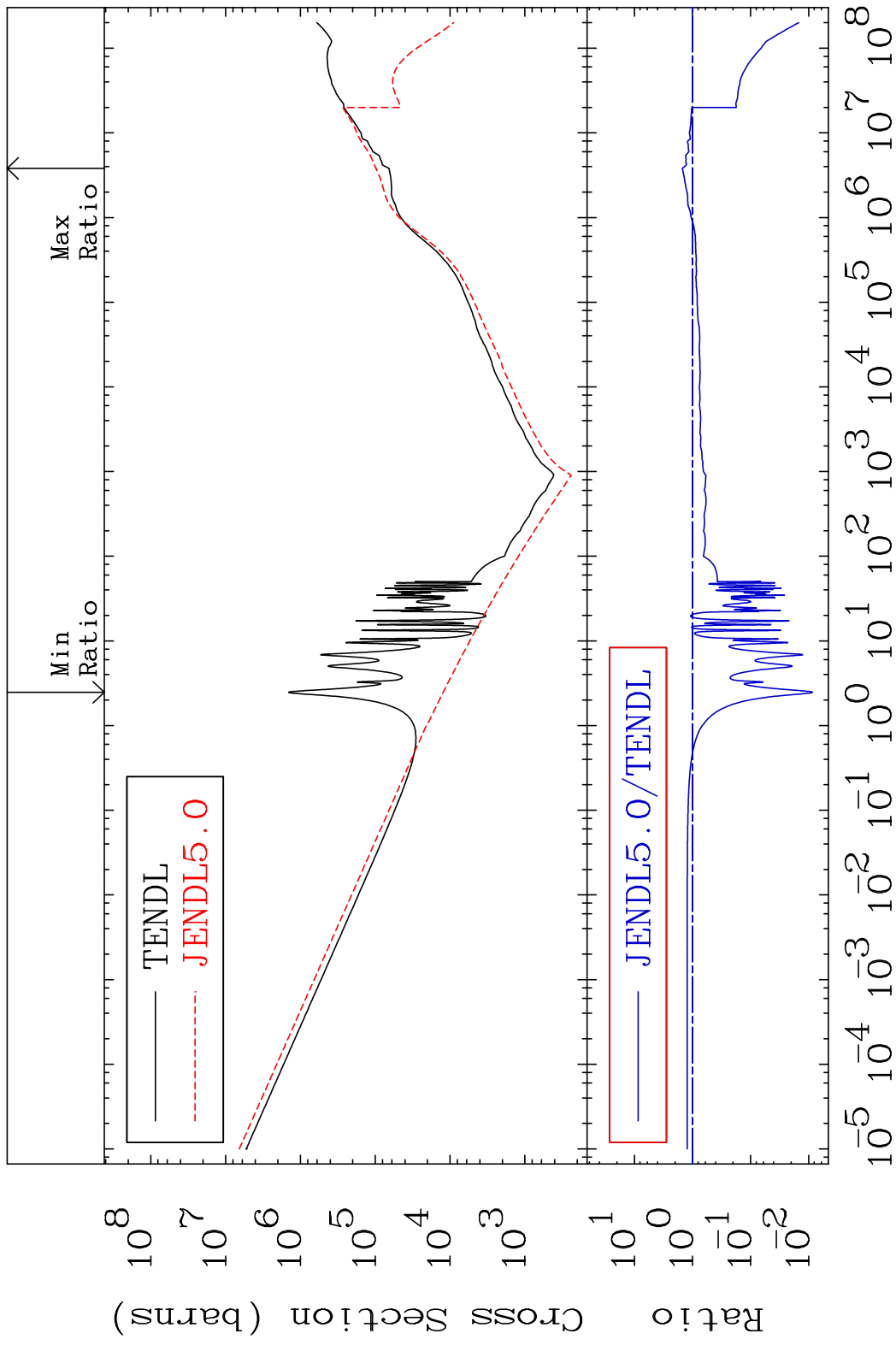


61 Incident Energy (eV) 61-Pm-146

MAT 6146 Total kinematic kerma (high limit) 61-Pm-146
 Cross Section -96.16 To 189.6 %



MAT 6146 Dpa total (eV-barns) 61-Pm-146
 Cross Section -99.14 To 49.66 %



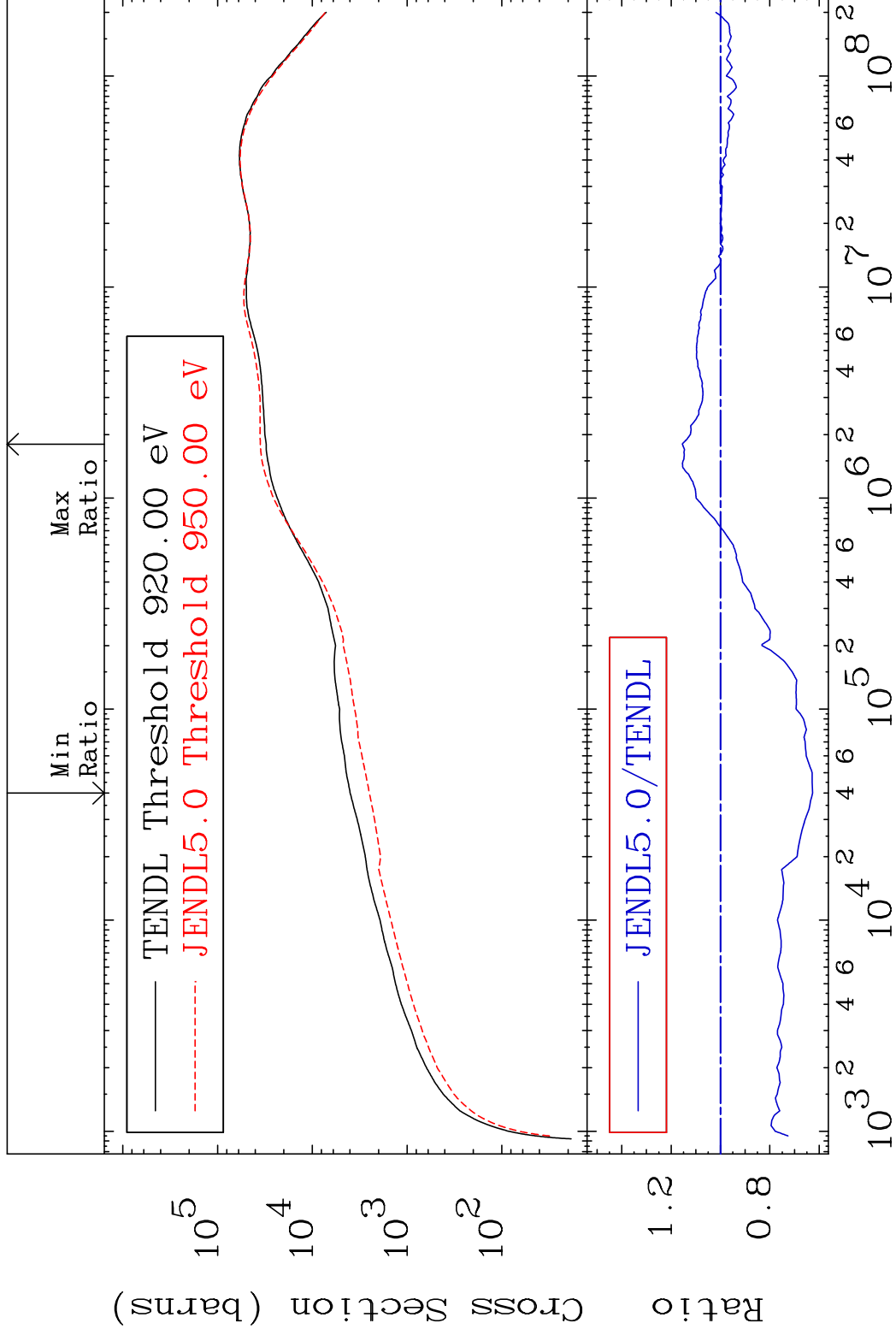
63 Incident Energy (eV) 61-Pm-146

MAT 6146

Dpa elastic (mt2)

61-Pm-146

Cross Section -37.31 To 15.45 %

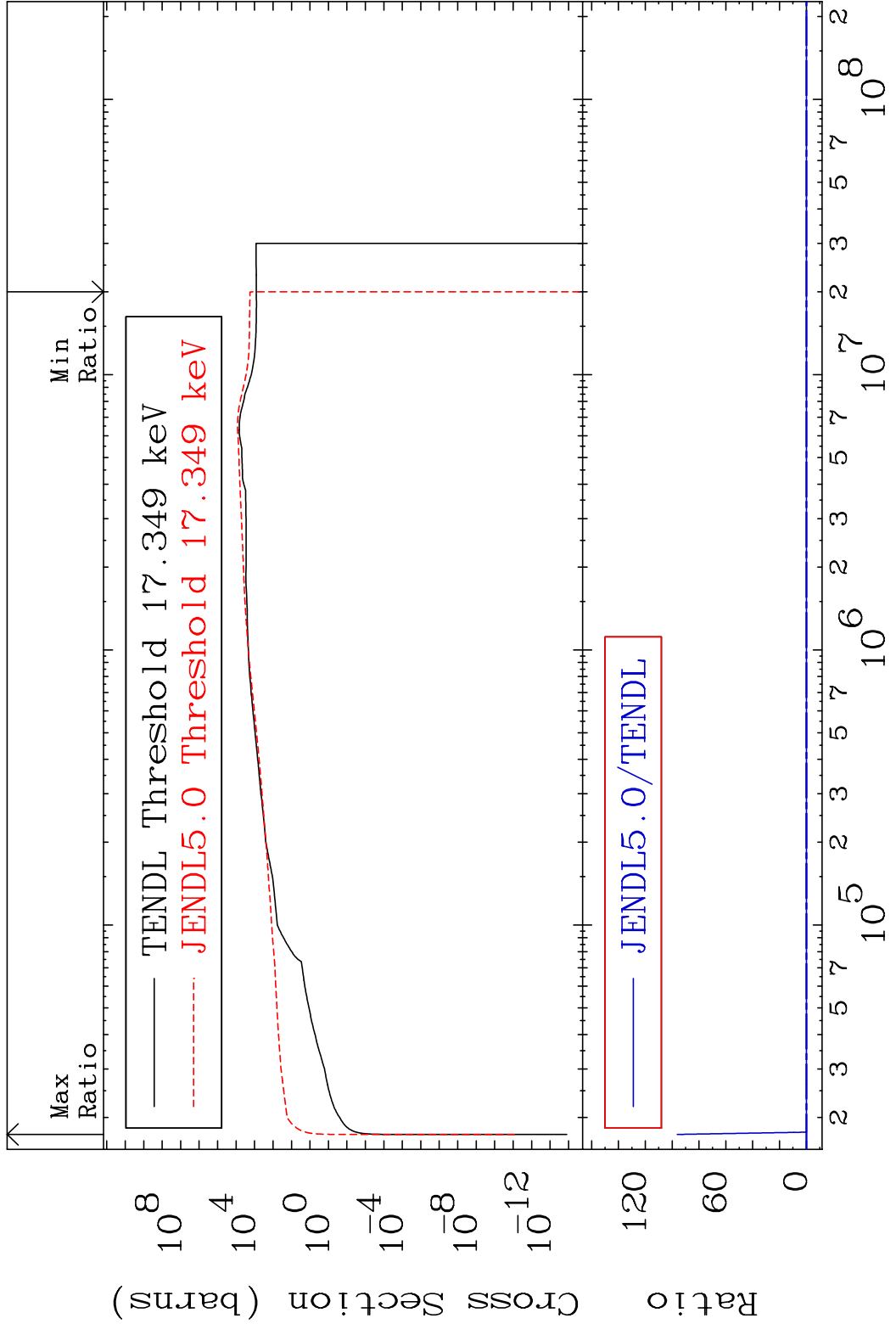


64

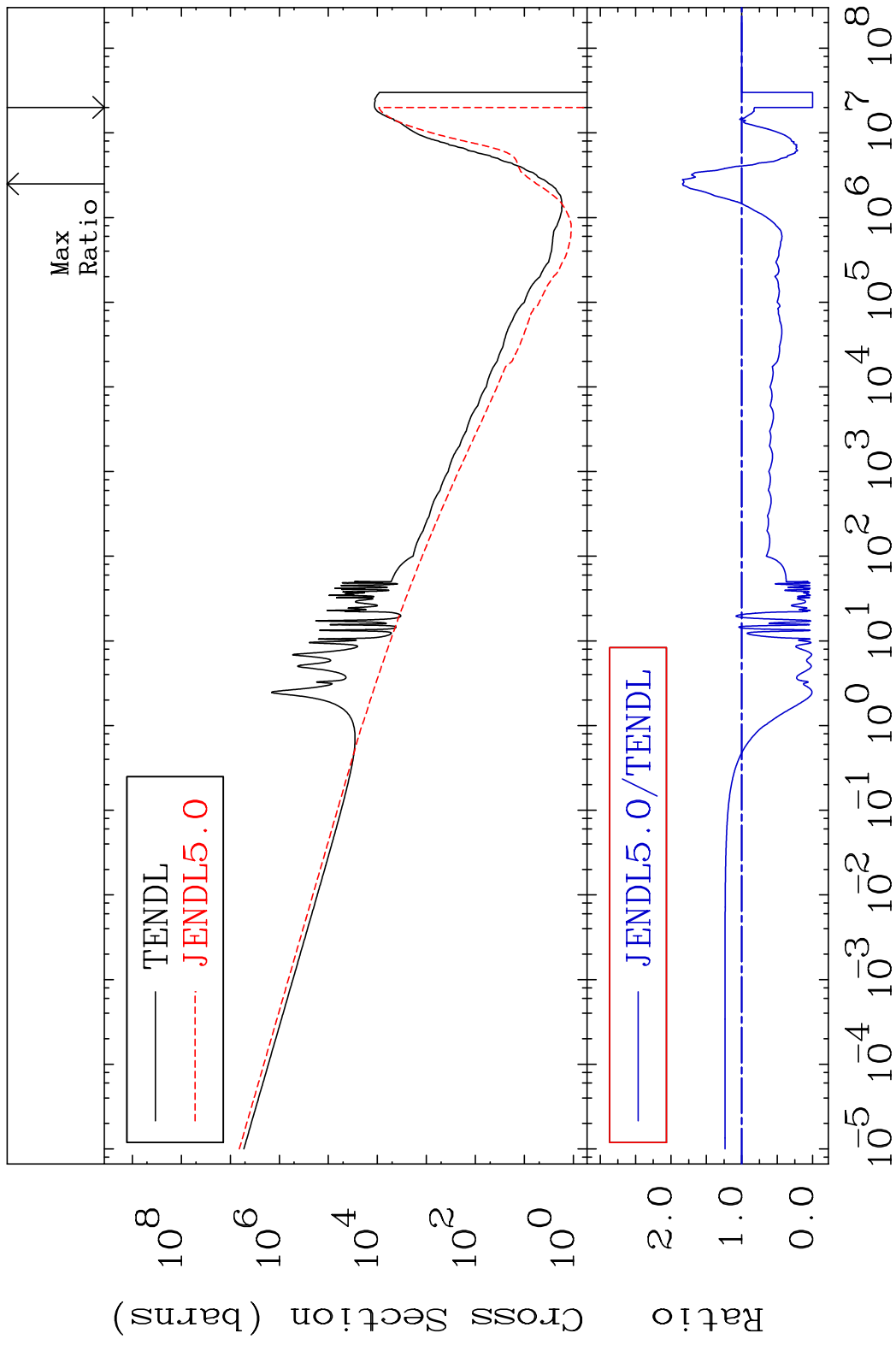
Incident Energy (eV)

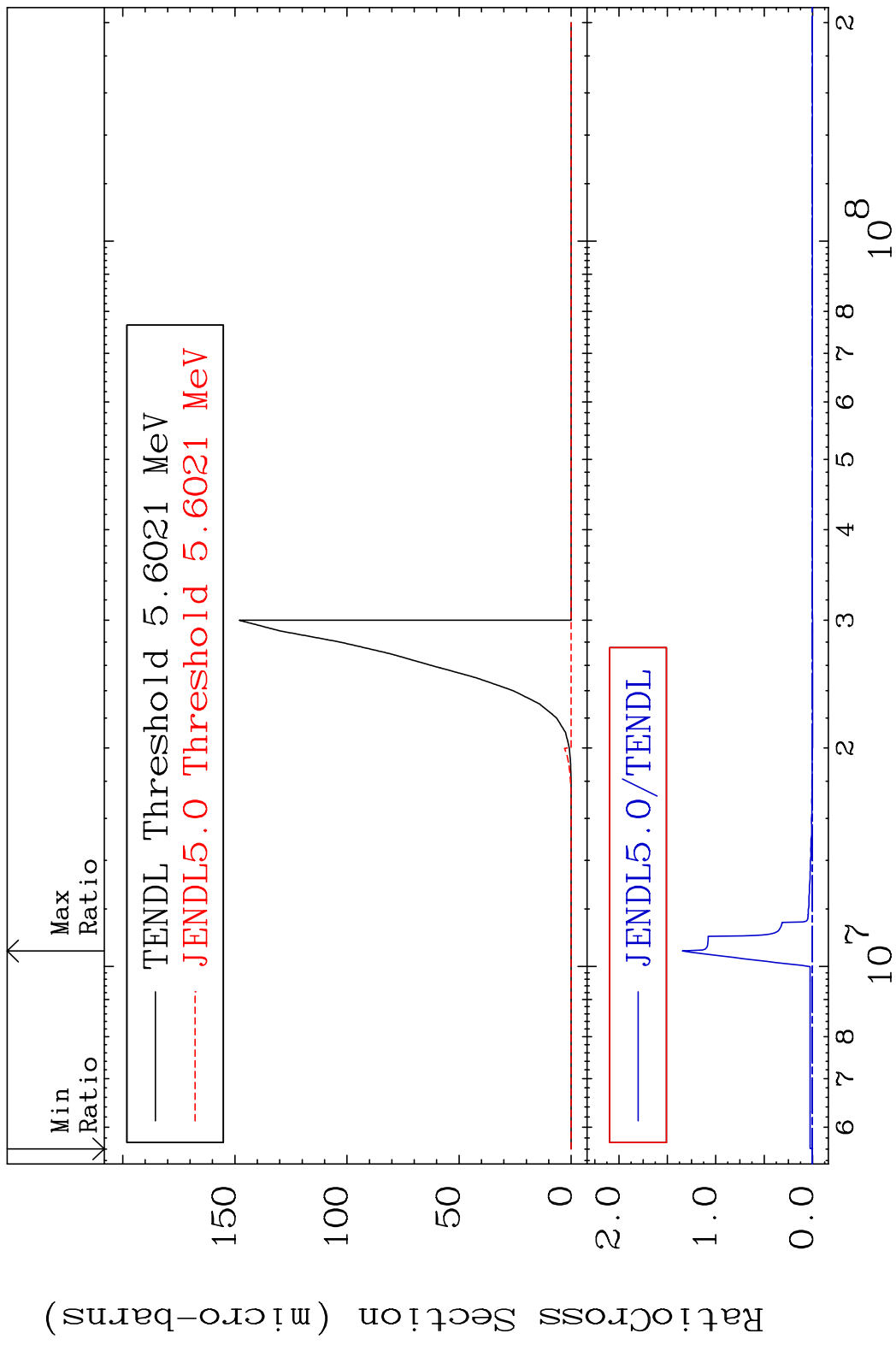
61-Pm-146

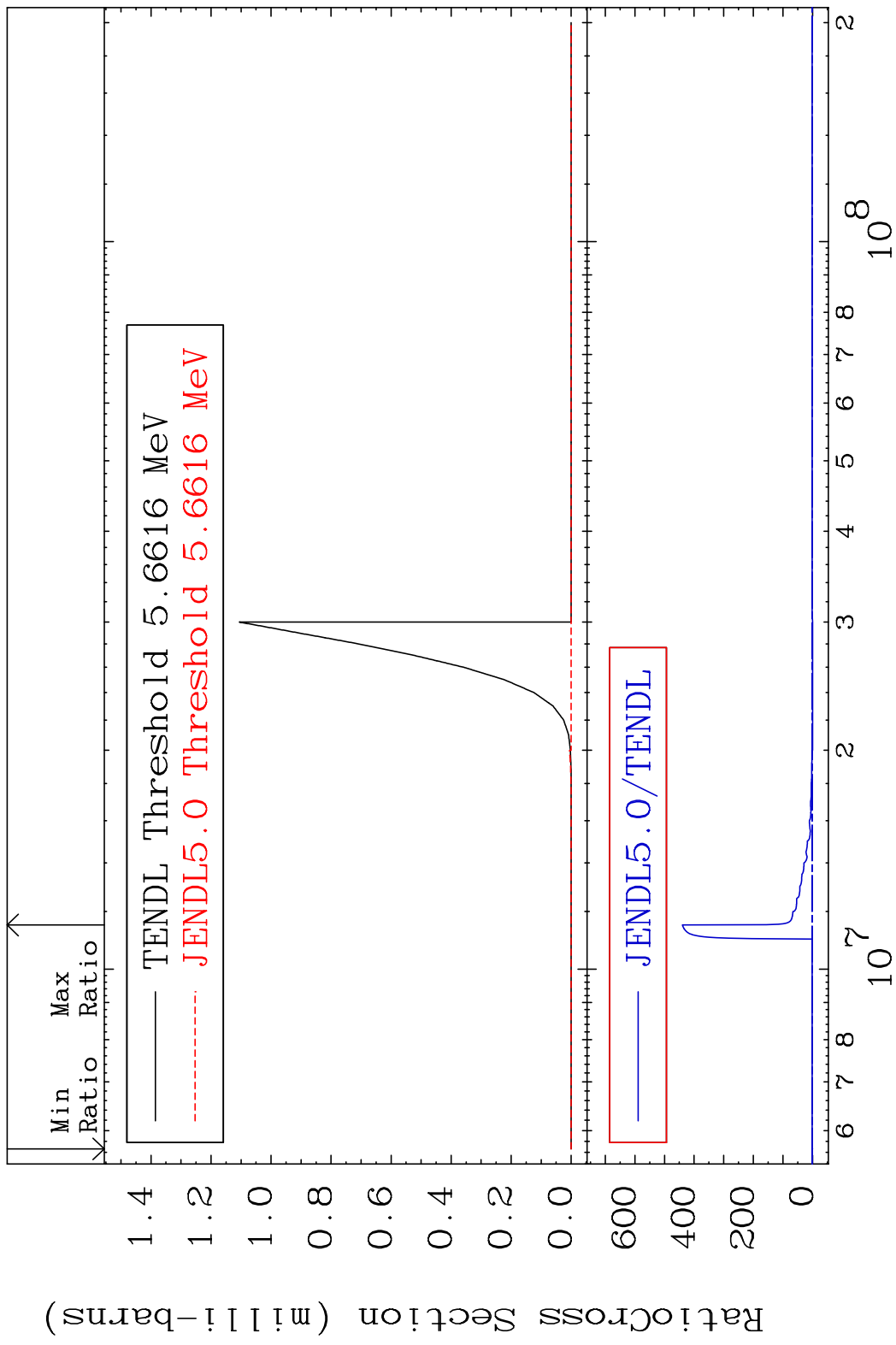
MAT 6146 Dpa inelastic (mt51-91) 61-Pm-146
 Cross Section -100.0 To 9999. %



MAT 6146 Dpa disappearance (mt102 -120) 61-Pm-146
 Cross Section -100.0 To 83.93 %

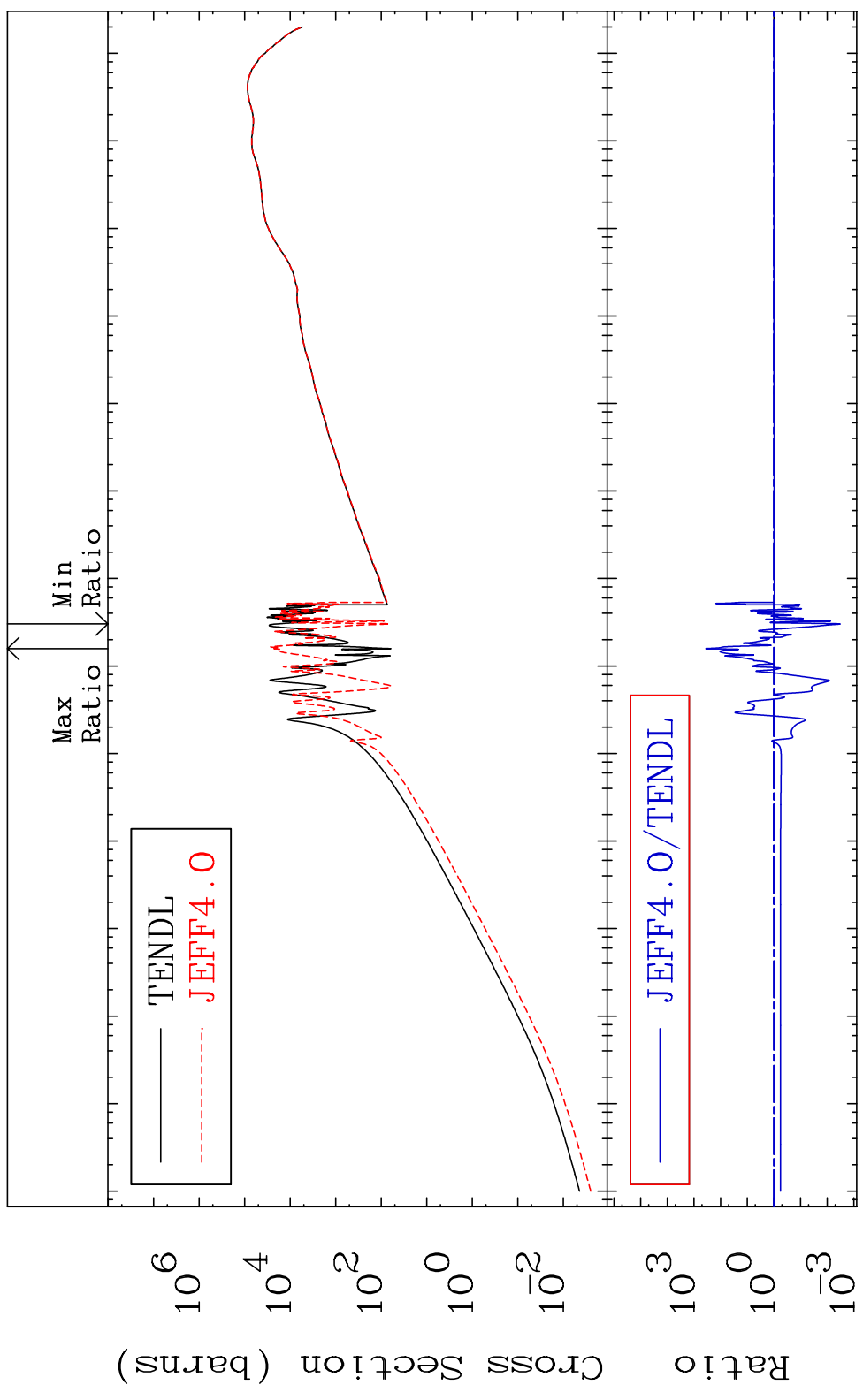




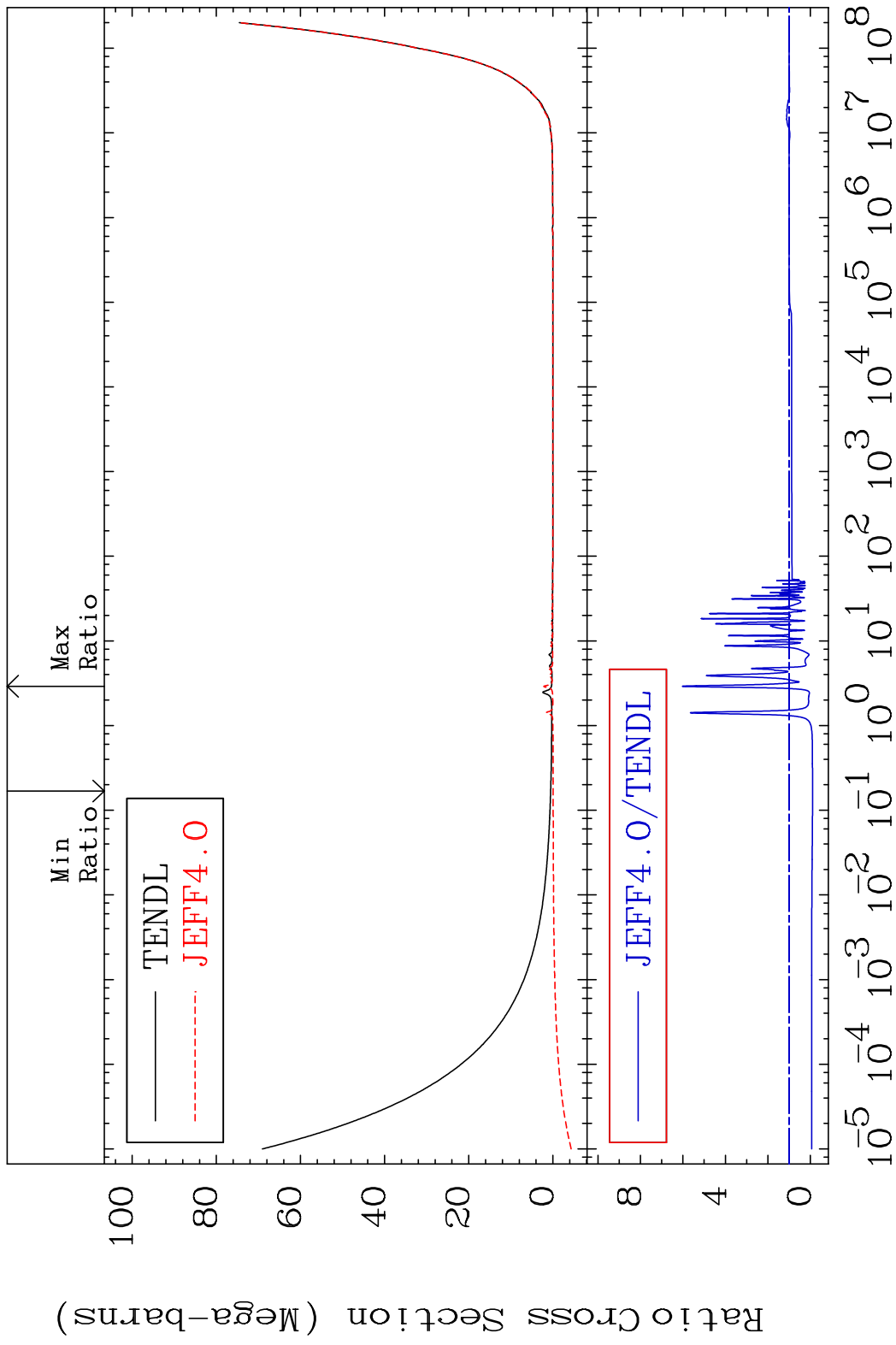


MAT 6146

Kerma elastic Cross Section -99.68 To 9999. %
61-Pm-146

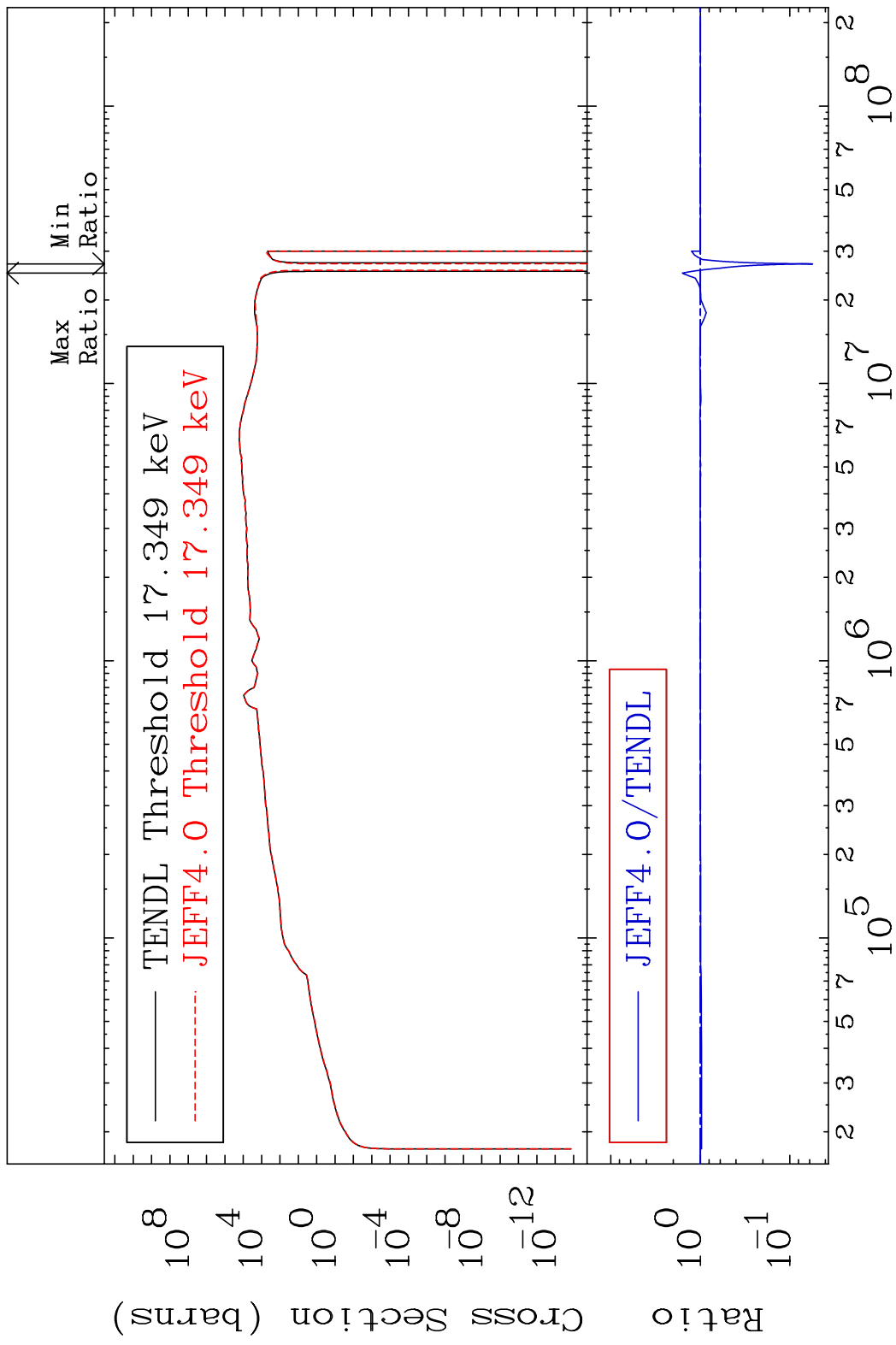


MAT 6146 Kerma non-elastic (all but mt2) 61-Pm-146
 Cross Section -110.4 To 502.6 %

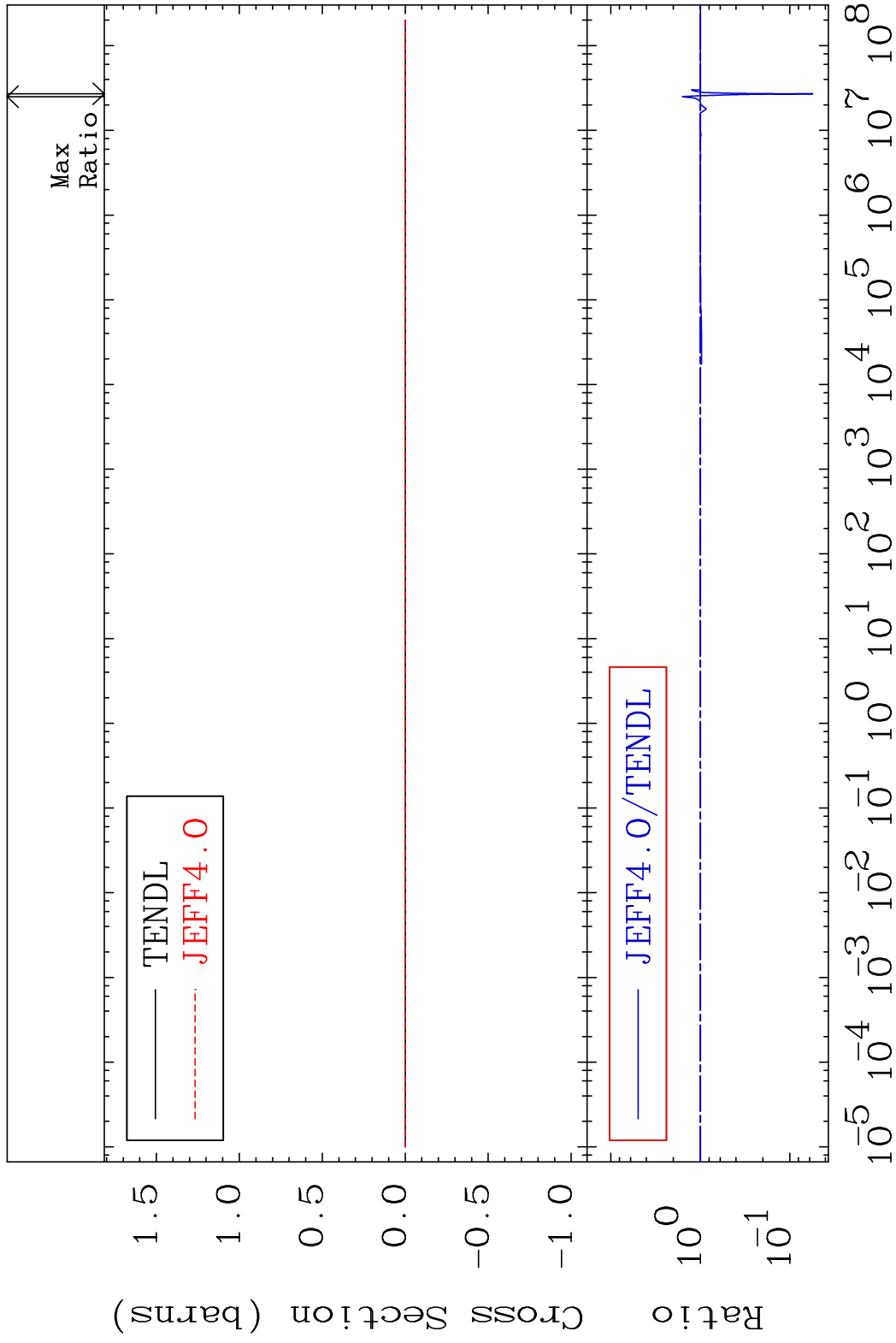


70 Incident Energy (eV) 61-Pm-146

MAT 6146 Kerma inelastic (mt51-91) 61-Pm-146
 Cross Section -94.42 To 58.65 %

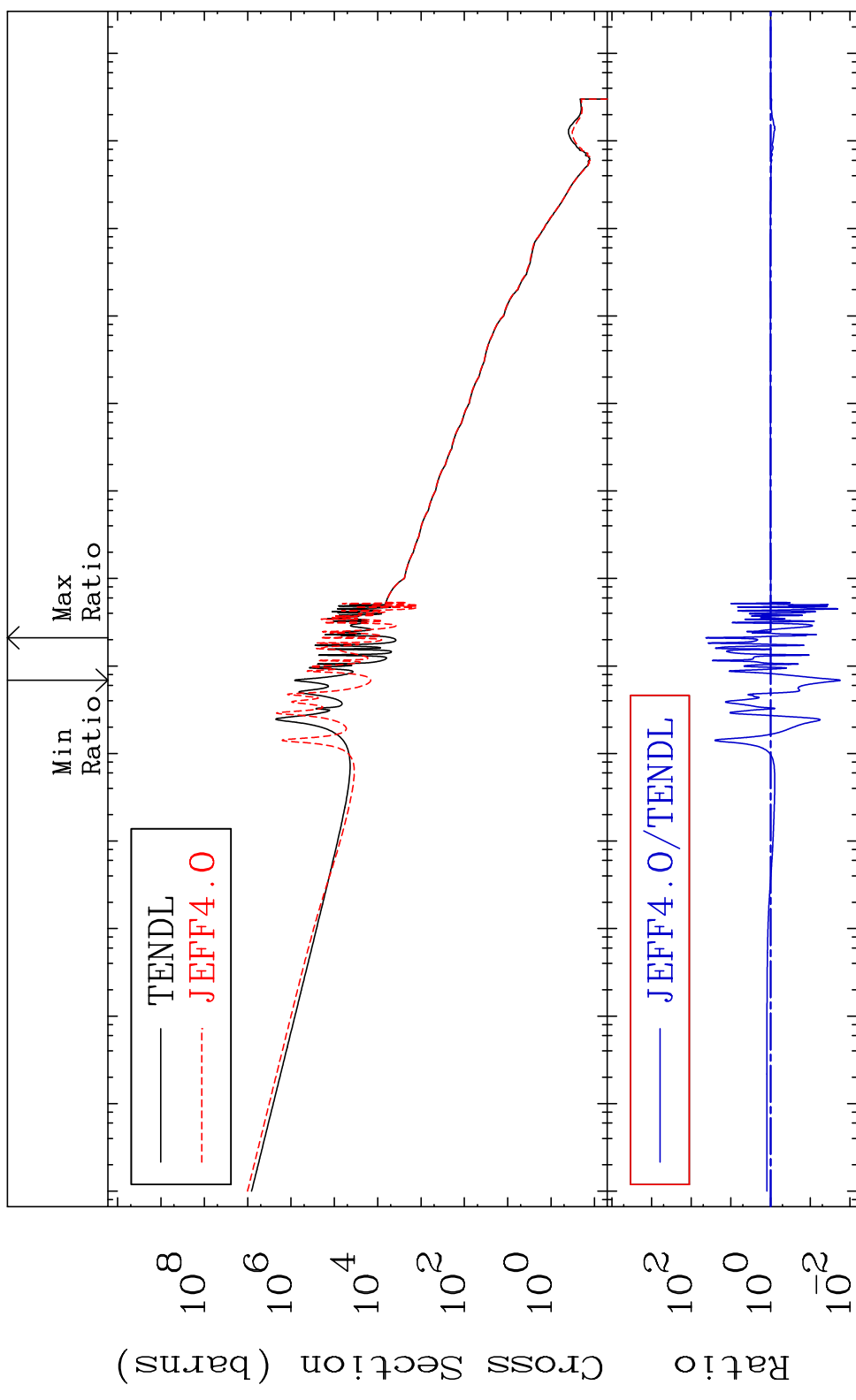


MAT 6146 Kerma fission (mt18 or mt19-20-21-38) 61-Pm-146
 Cross Section -94.42 To 58.65 %



MAT 6146

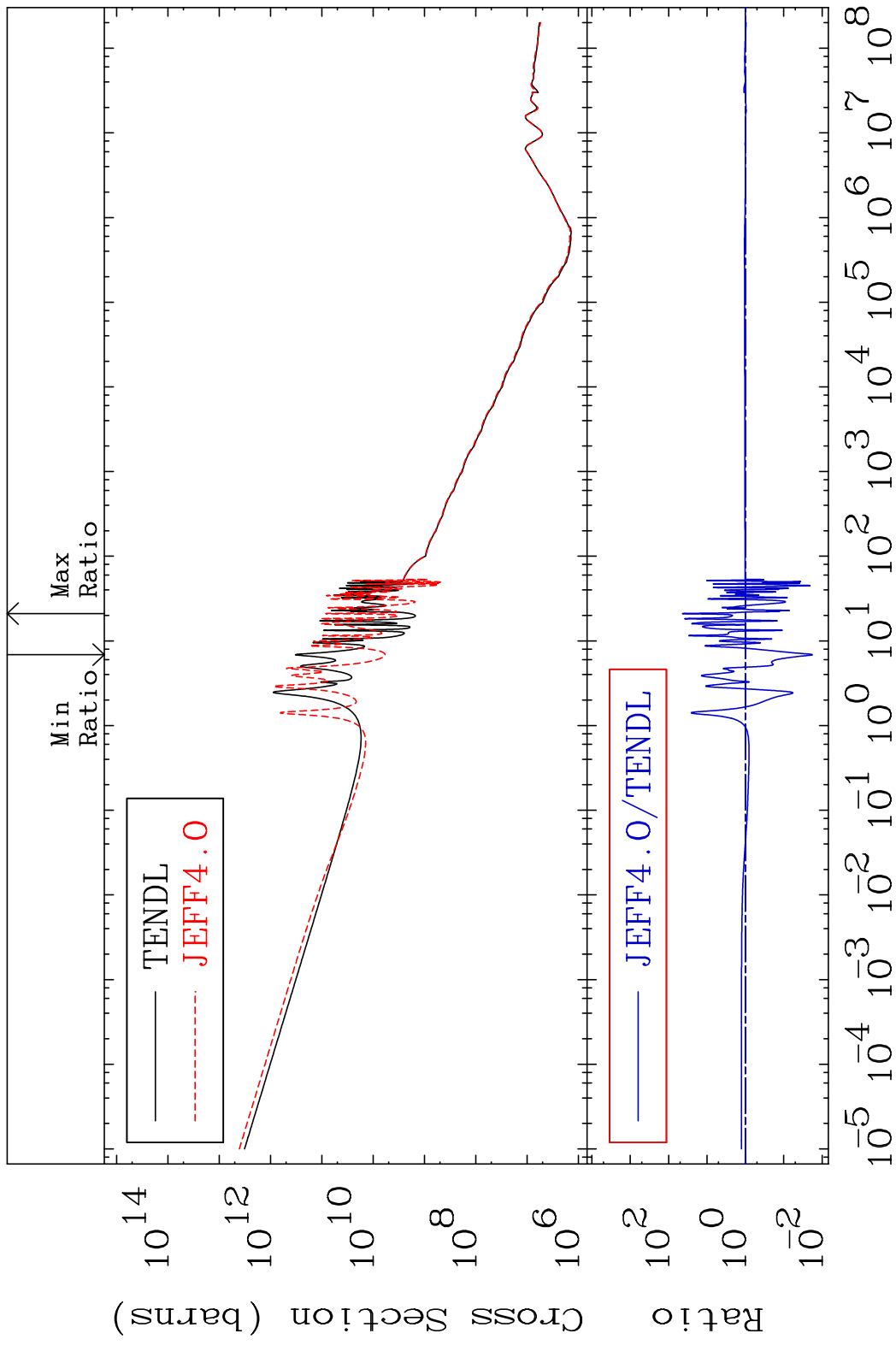
Kerma capture (mt102) 61-Pm-146
Cross Section -98.26 To 4201. %



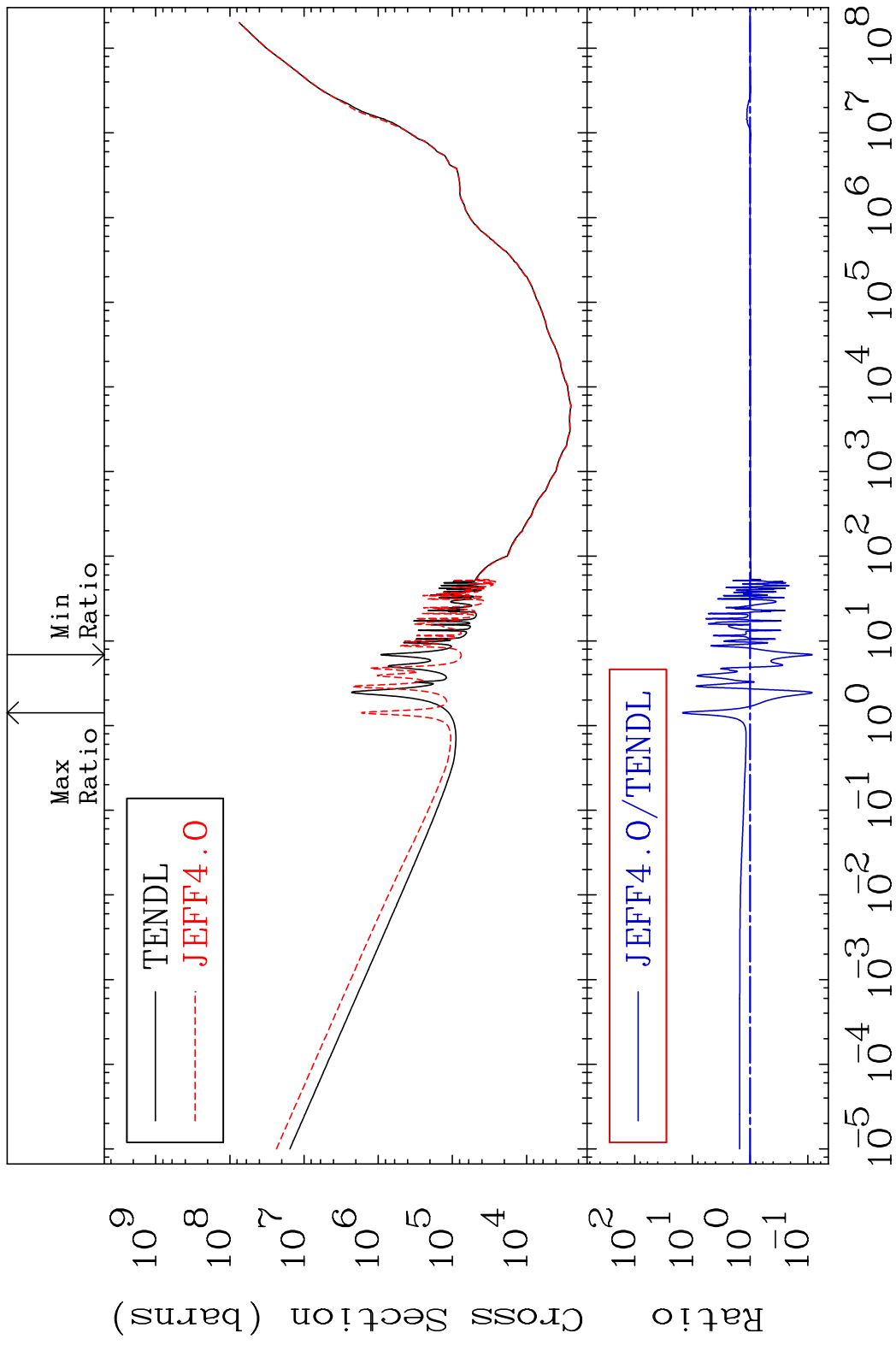
73

Incident Energy (eV) 61-Pm-146

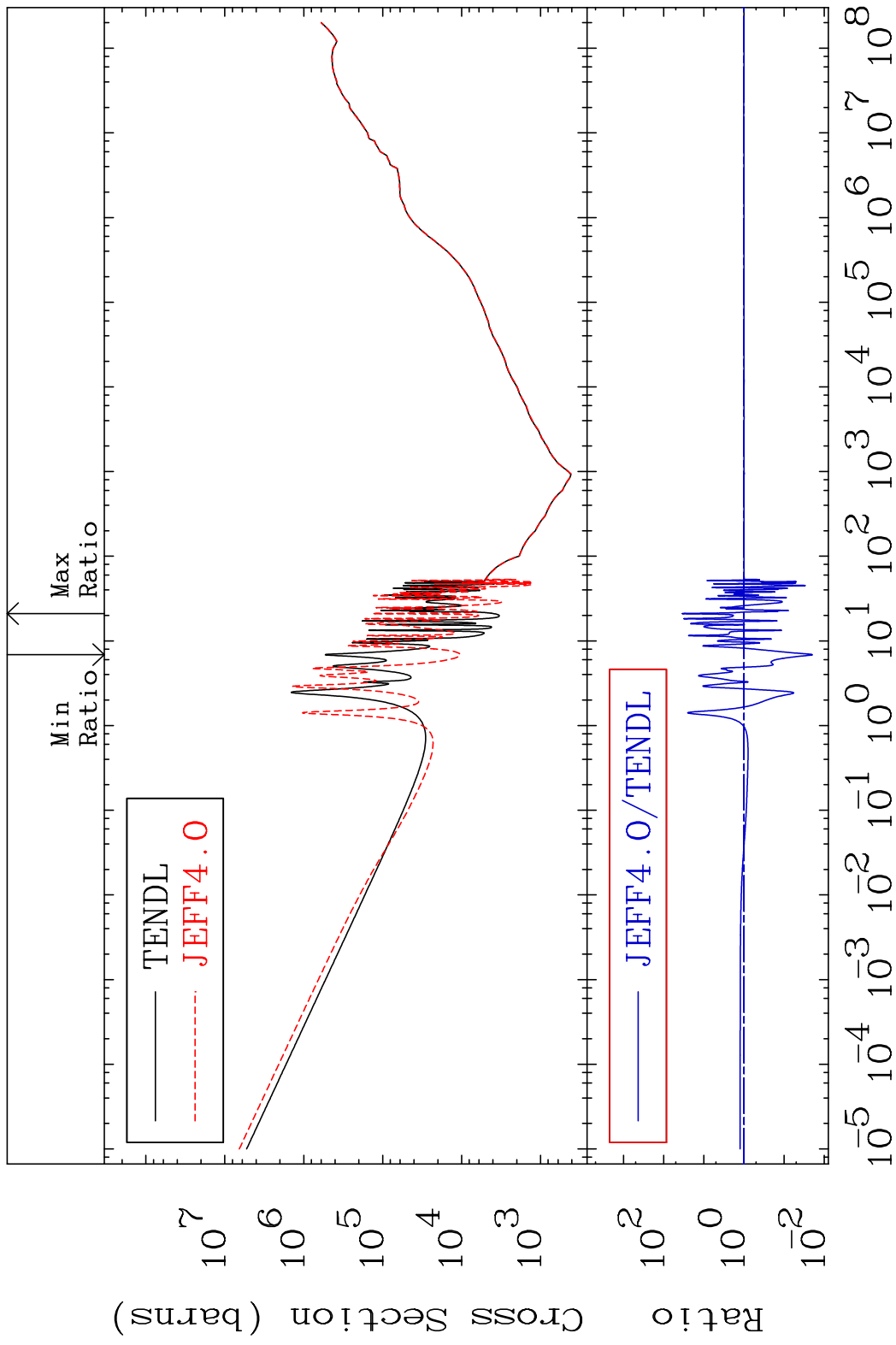
MAT 6146 Total photon (eV-barns) 61-Pm-146
 Cross Section -98.23 To 4280. %



MAT 6146 Total kinematic kerma (high limit) 61-Pm-146
Cross Section -91.72 To 1393. %



MAT 6146 Dpa total (eV-barns) 61-Pm-146
 Cross Section -98.06 To 3318. %



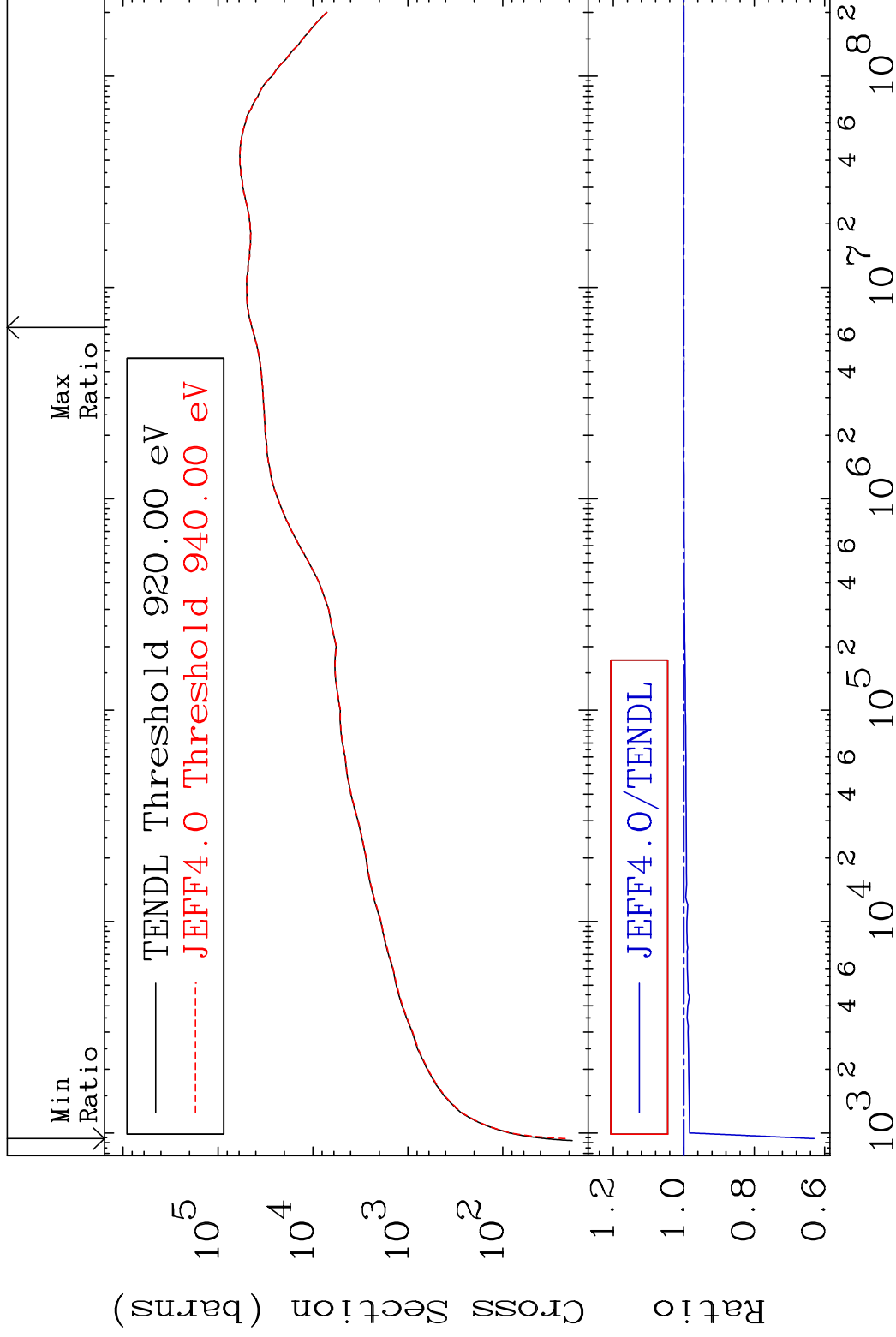
76 Incident Energy (eV) 61-Pm-146

MAT 6146

Dpa elastic (mt2)

61-Pm-146

Cross Section -37.02 To 0.035 %

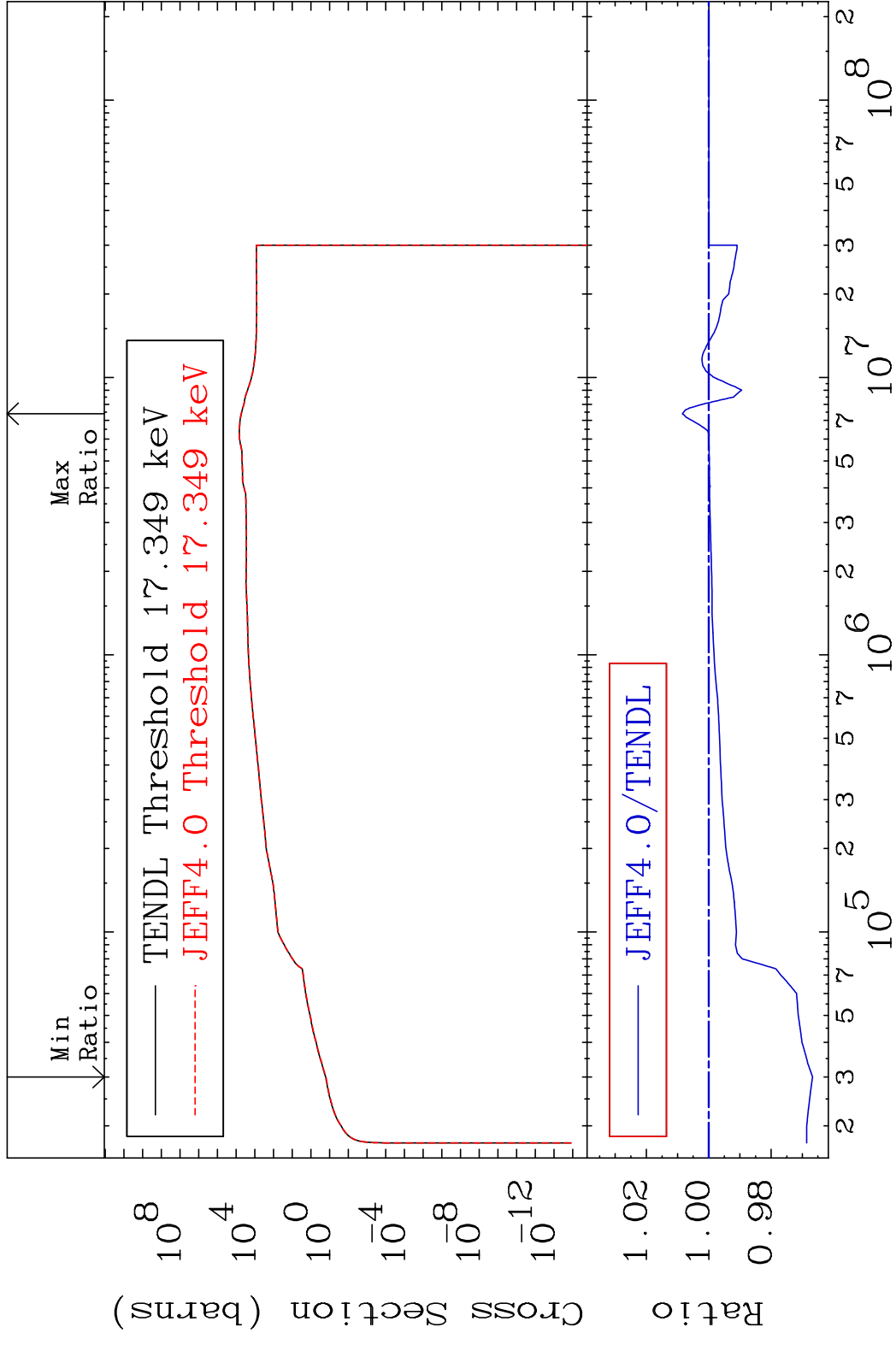


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Incident Energy (eV)

61-Pm-146

MAT 6146 Dpa inelastic (mt51-91) 61-Pm-146
 Cross Section -3.328 To 0.847 %



MAT 6146 Dpa disappearance (mt102 -120) 61-Pm-146
 Cross Section -98.06 To 3318. %

