

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

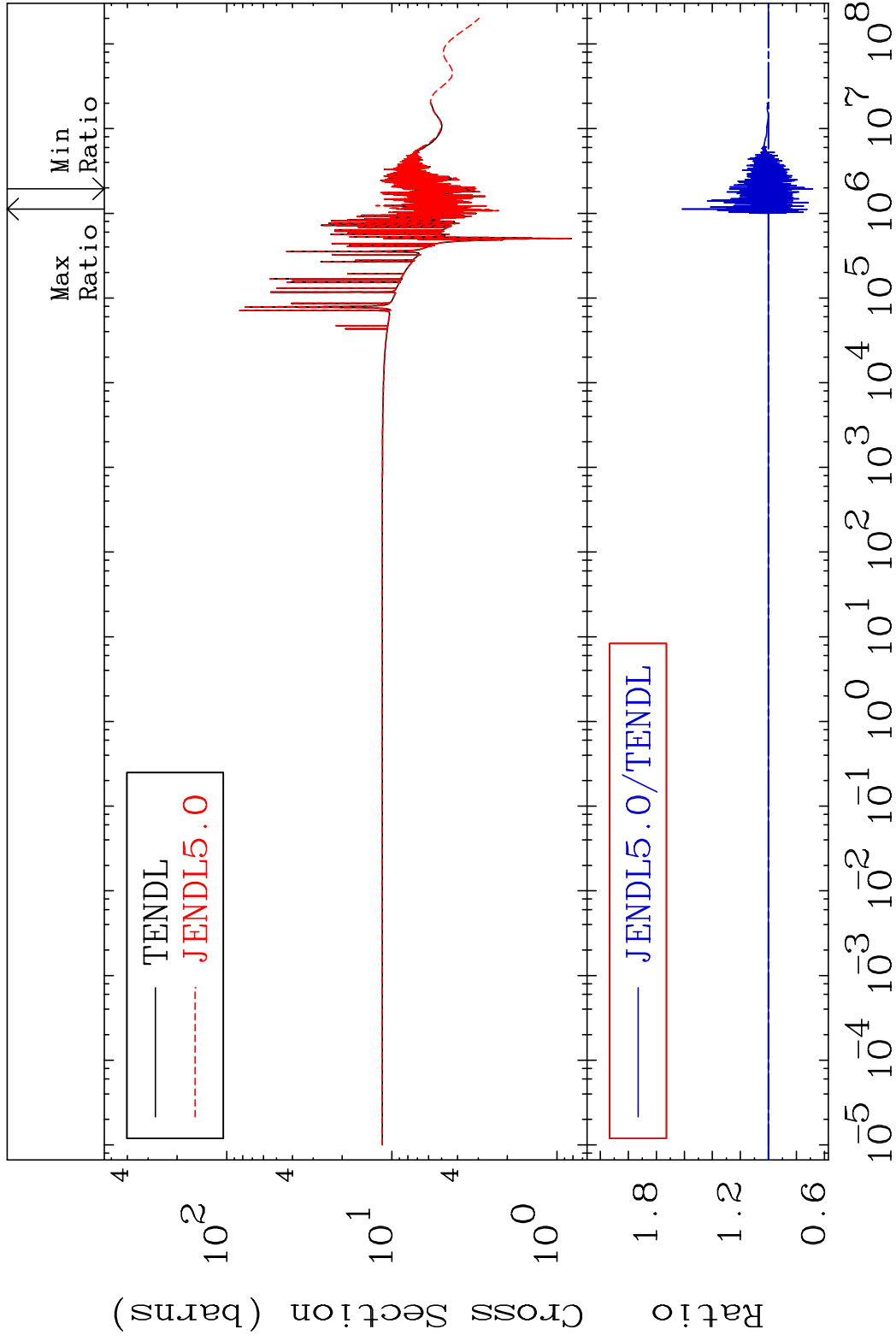
MAT 8237

Total

82-Pb-208

Cross Section

-31.51 To 61.43 %



1

Incident Energy (eV)

82-Pb-208

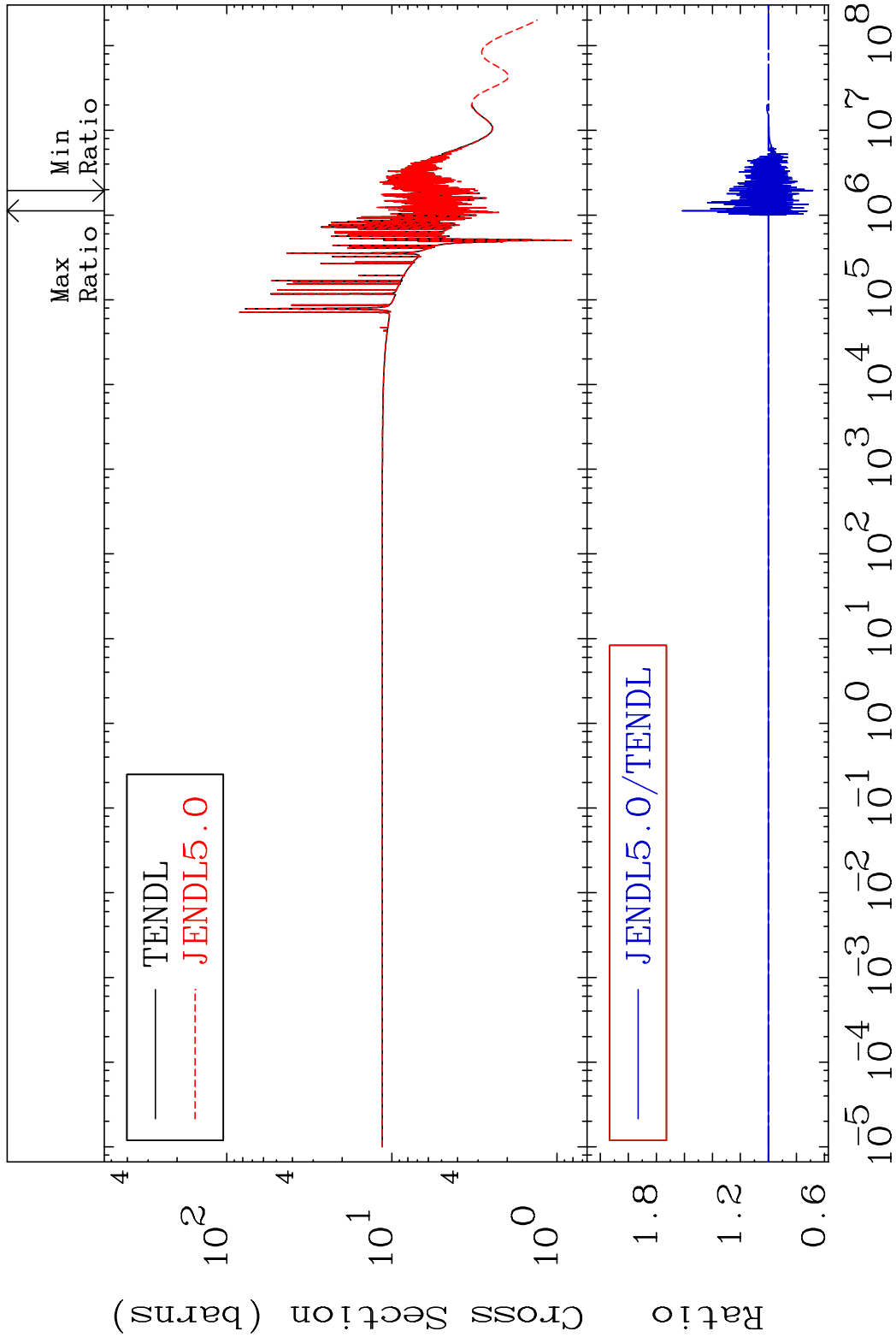
MAT 8237

Elastic

82-Pb-208

Cross Section

-31.50 To 61.45 %



2

Incident Energy (eV)

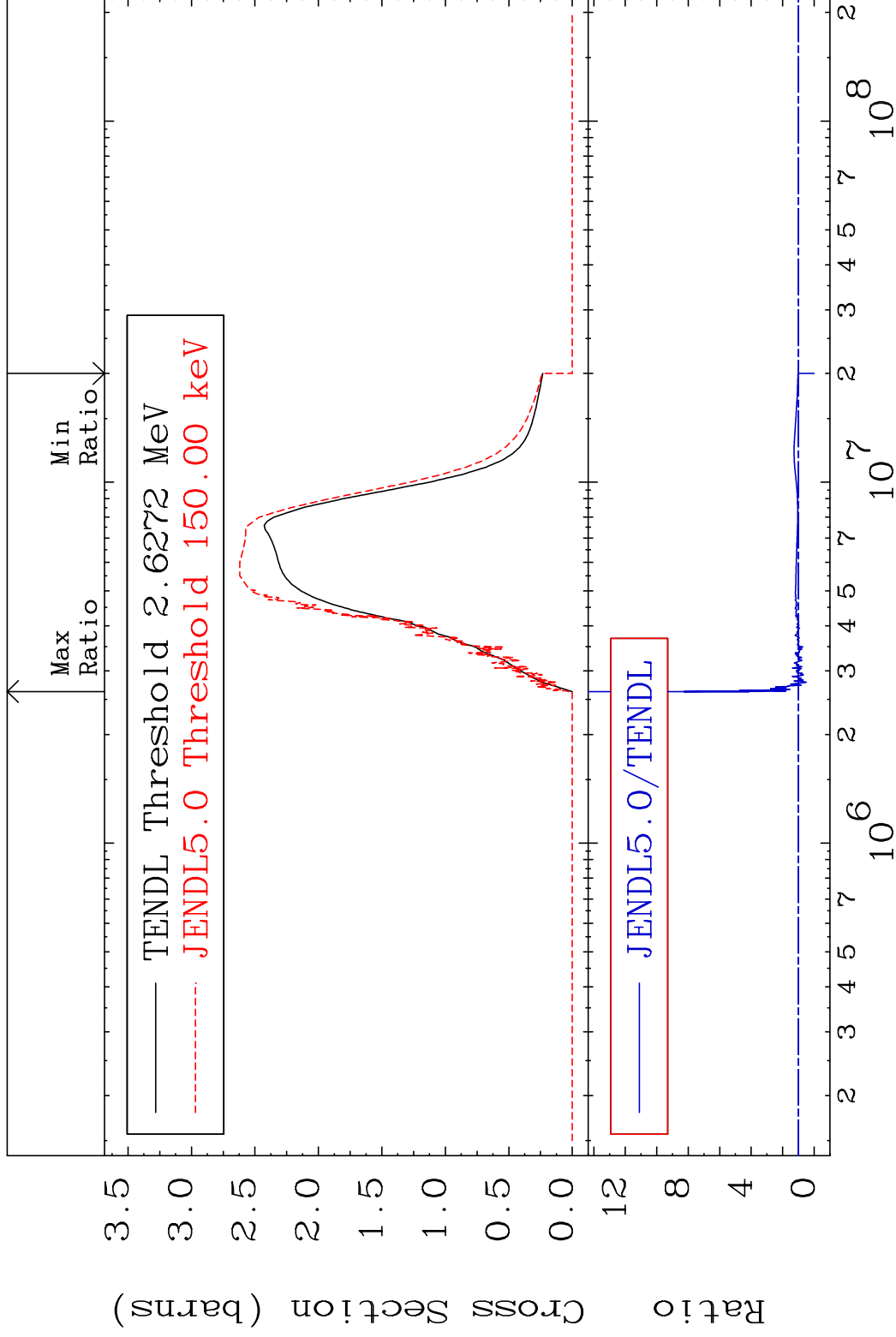
82-Pb-208

MAT 8237

Inelastic

82-Pb-208

Cross Section -100.0 To 729.1 %



3

Incident Energy (eV)

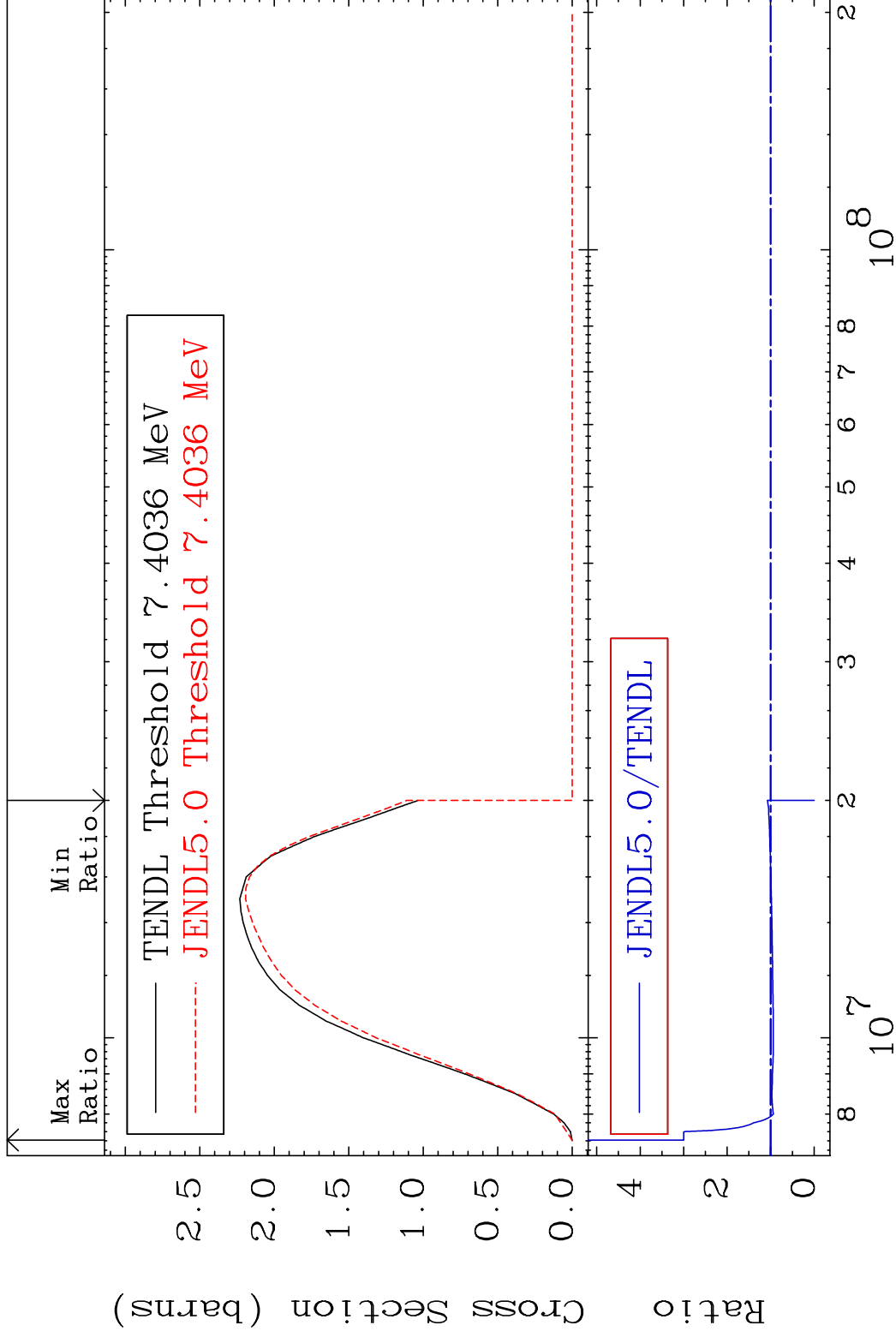
82-Pb-208

MAT 8237

(n,2n)

82-Pb-208

Cross Section -100.0 To 200.0 %



4

Incident Energy (eV)

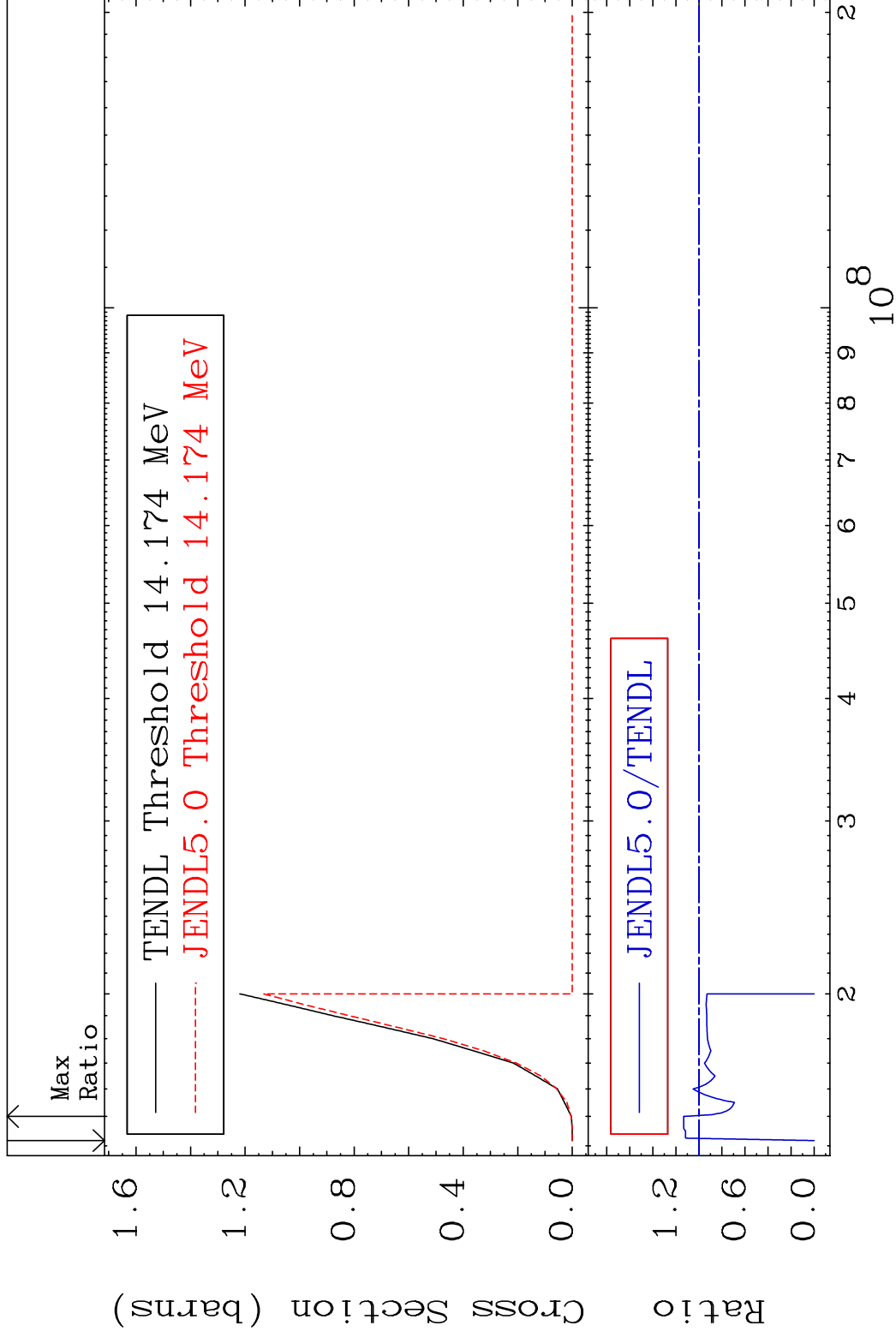
82-Pb-208

MAT 8237

(n,3n)

82-Pb-208

Cross Section -100.0 To 13.22 %



5

Incident Energy (eV)

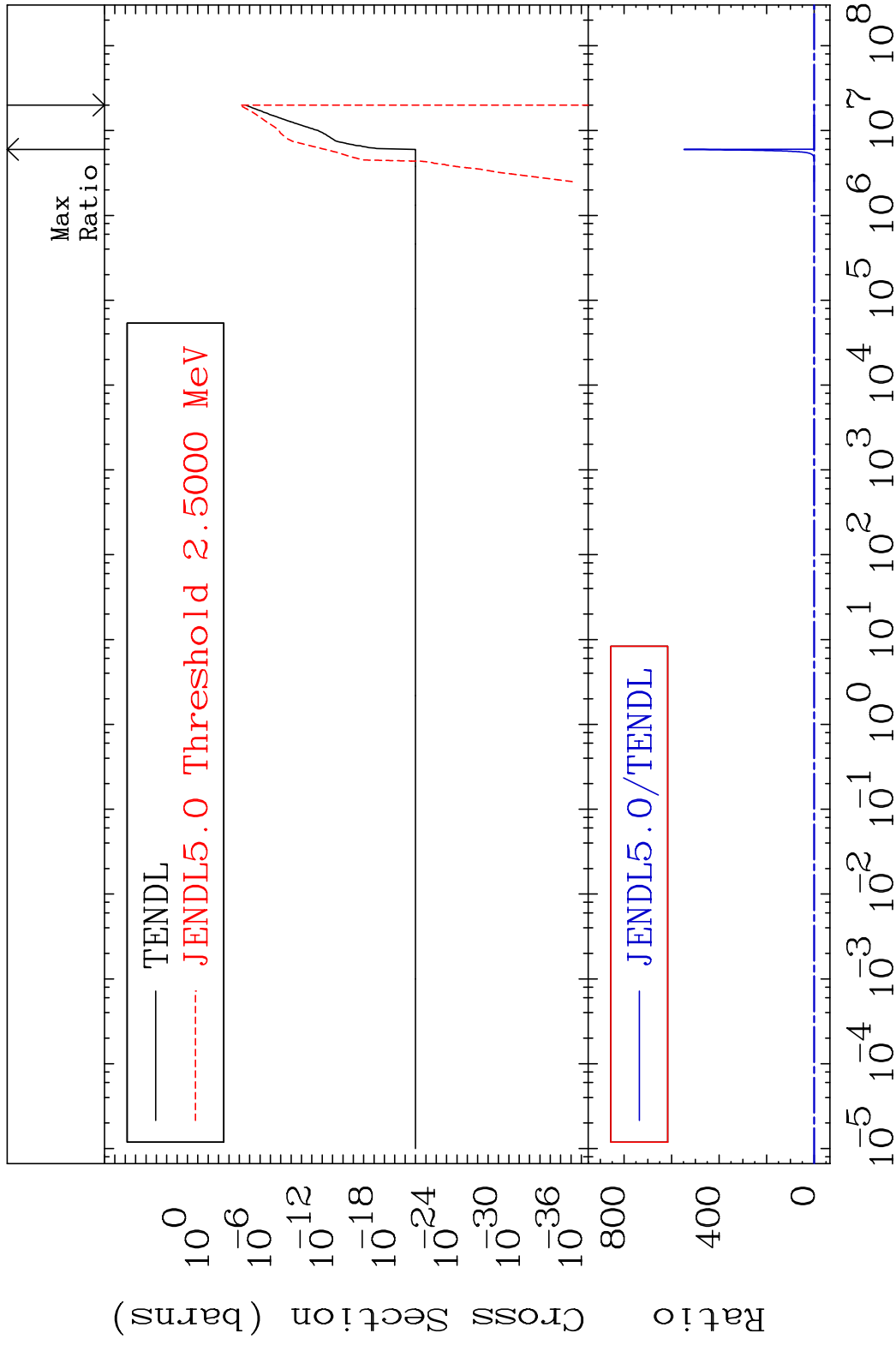
82-Pb-208

MAT 8237

(n, n') α

82-Pb-208

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

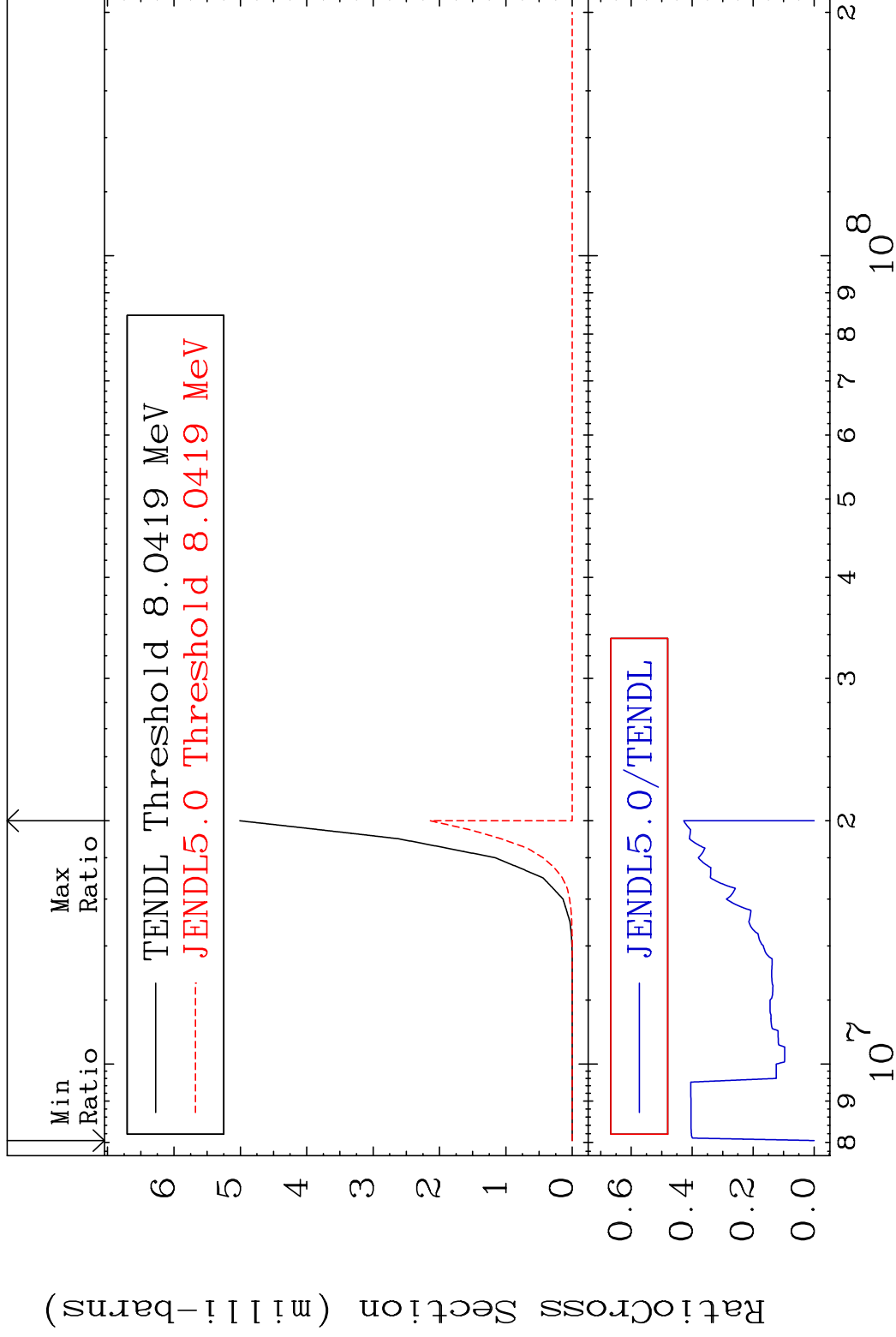
82-Pb-208

MAT 8237

(n, n') p

82-Pb-208

Cross Section -100.0 To -57.20%

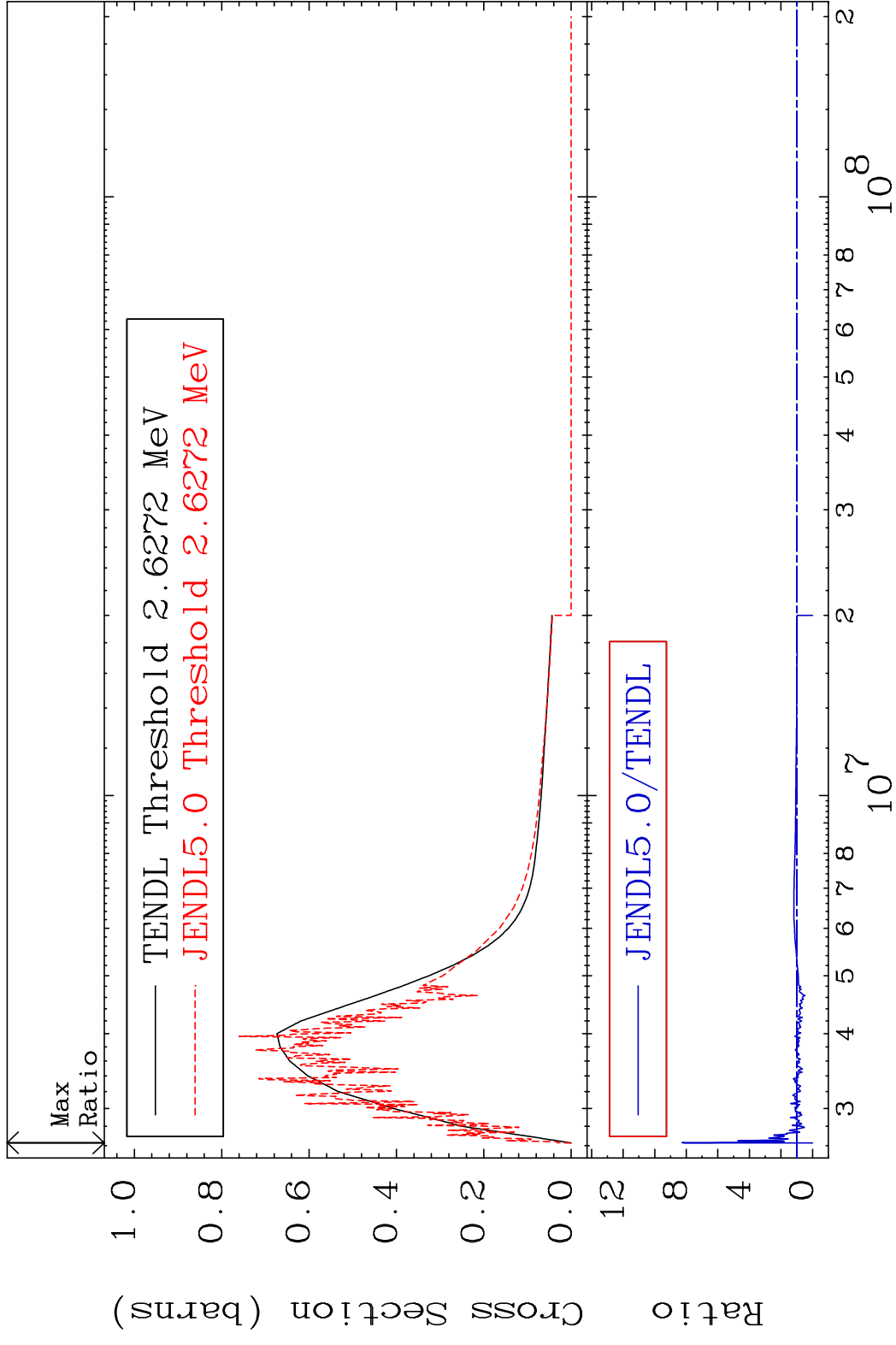


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Incident Energy (eV)

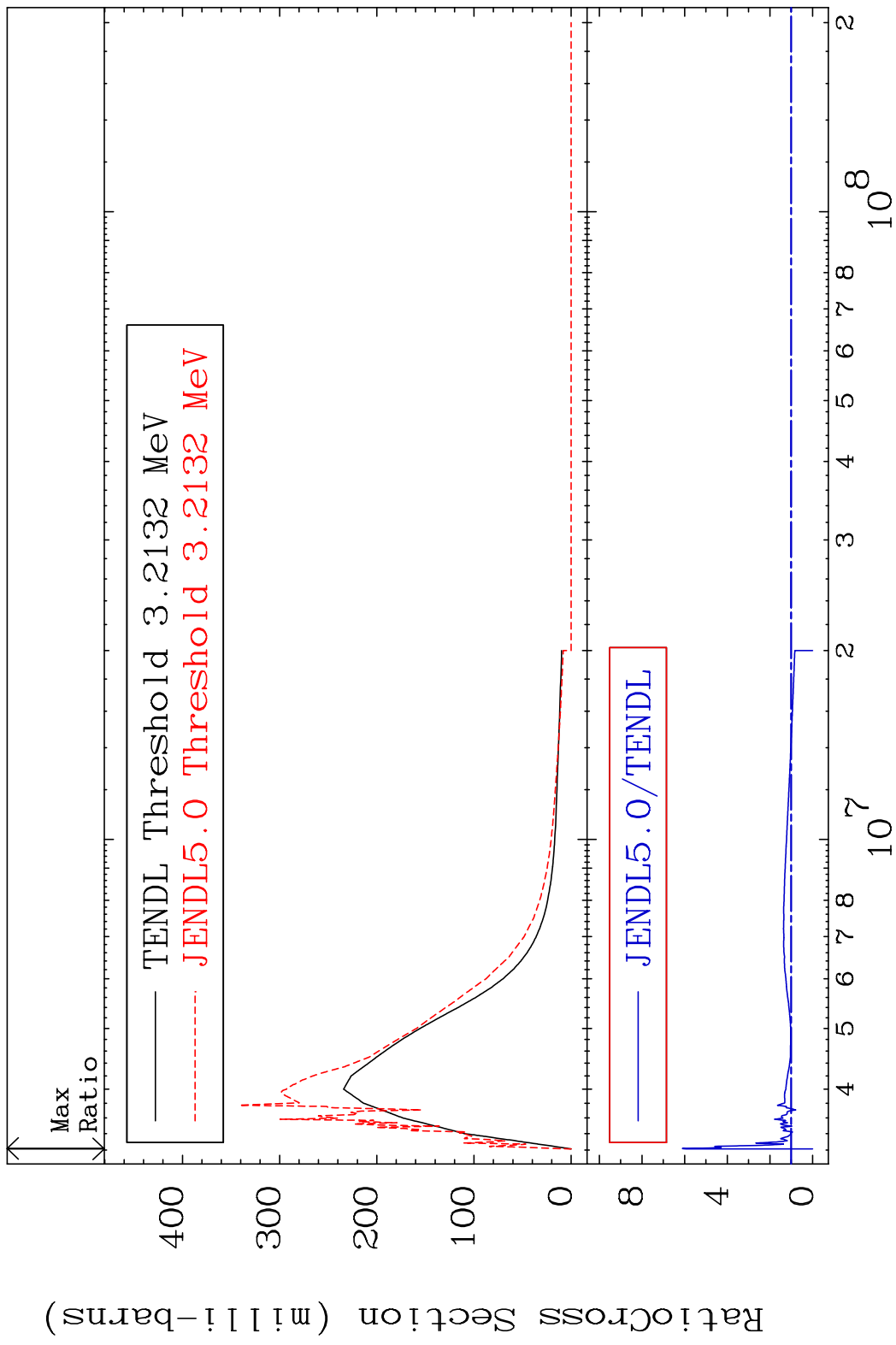
82-Pb-208

MAT 8237 MT= 51 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 724.9 %

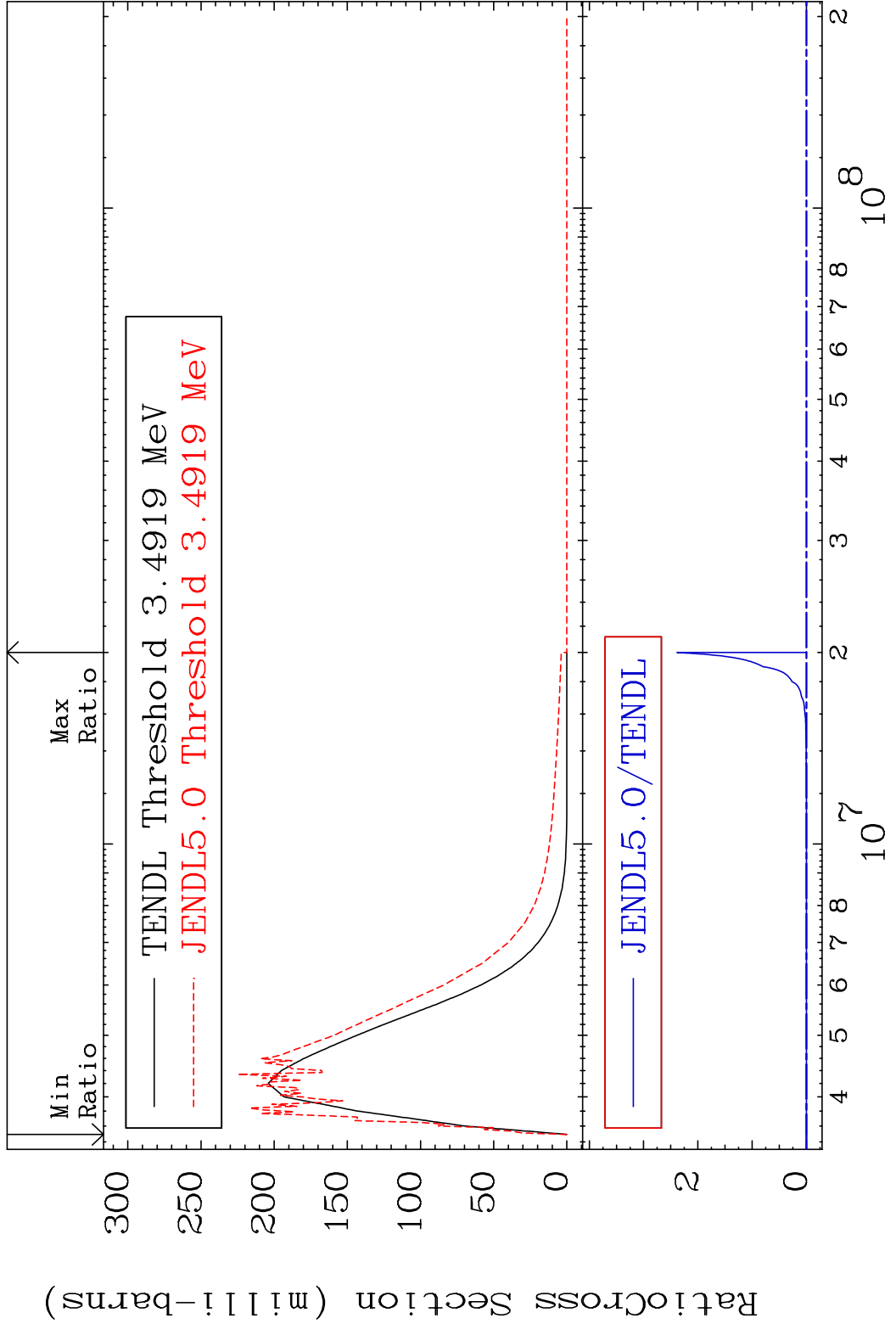


8 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 52 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 510.7 %

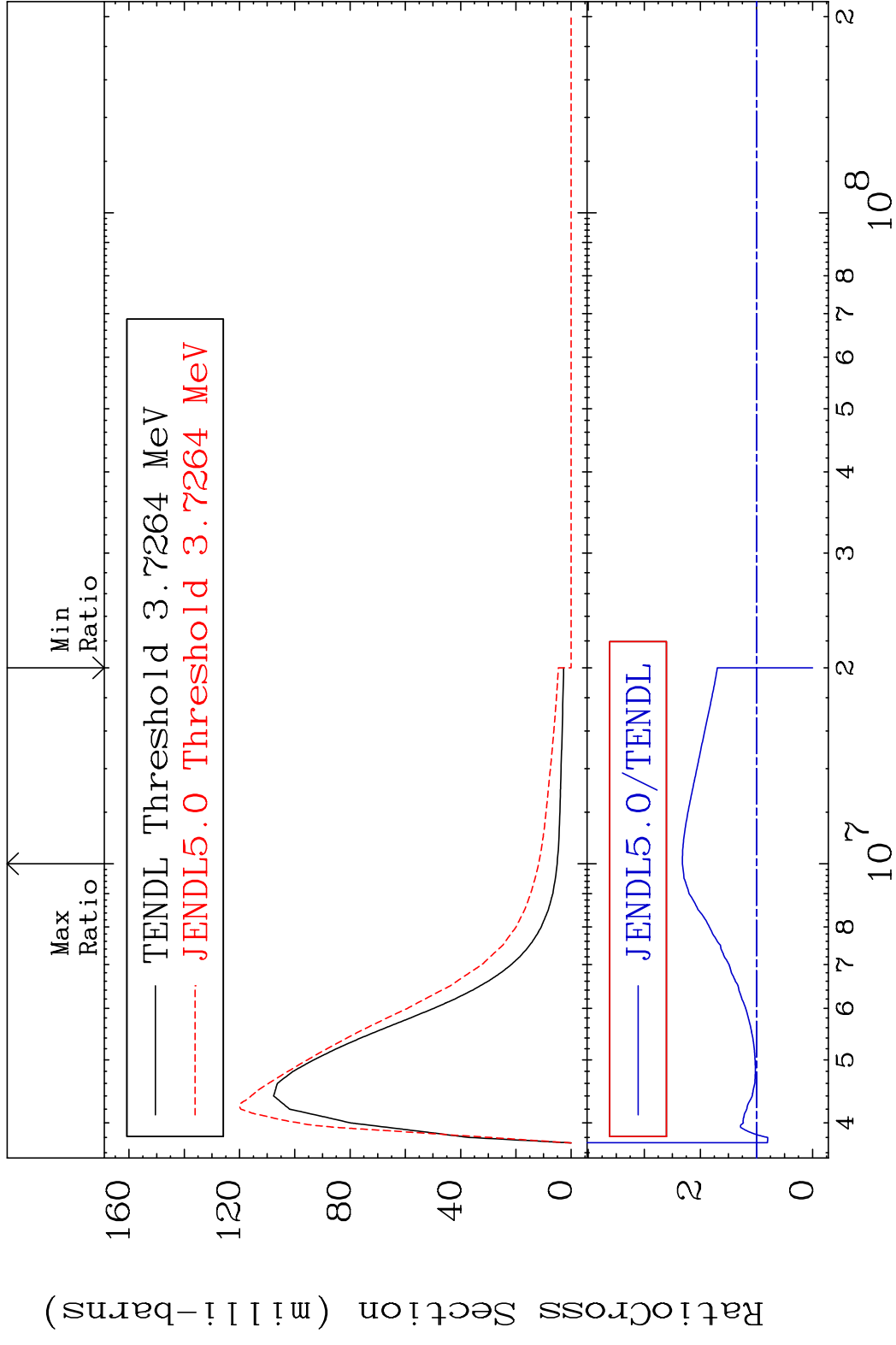


MAT 8237 MT= 53 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %

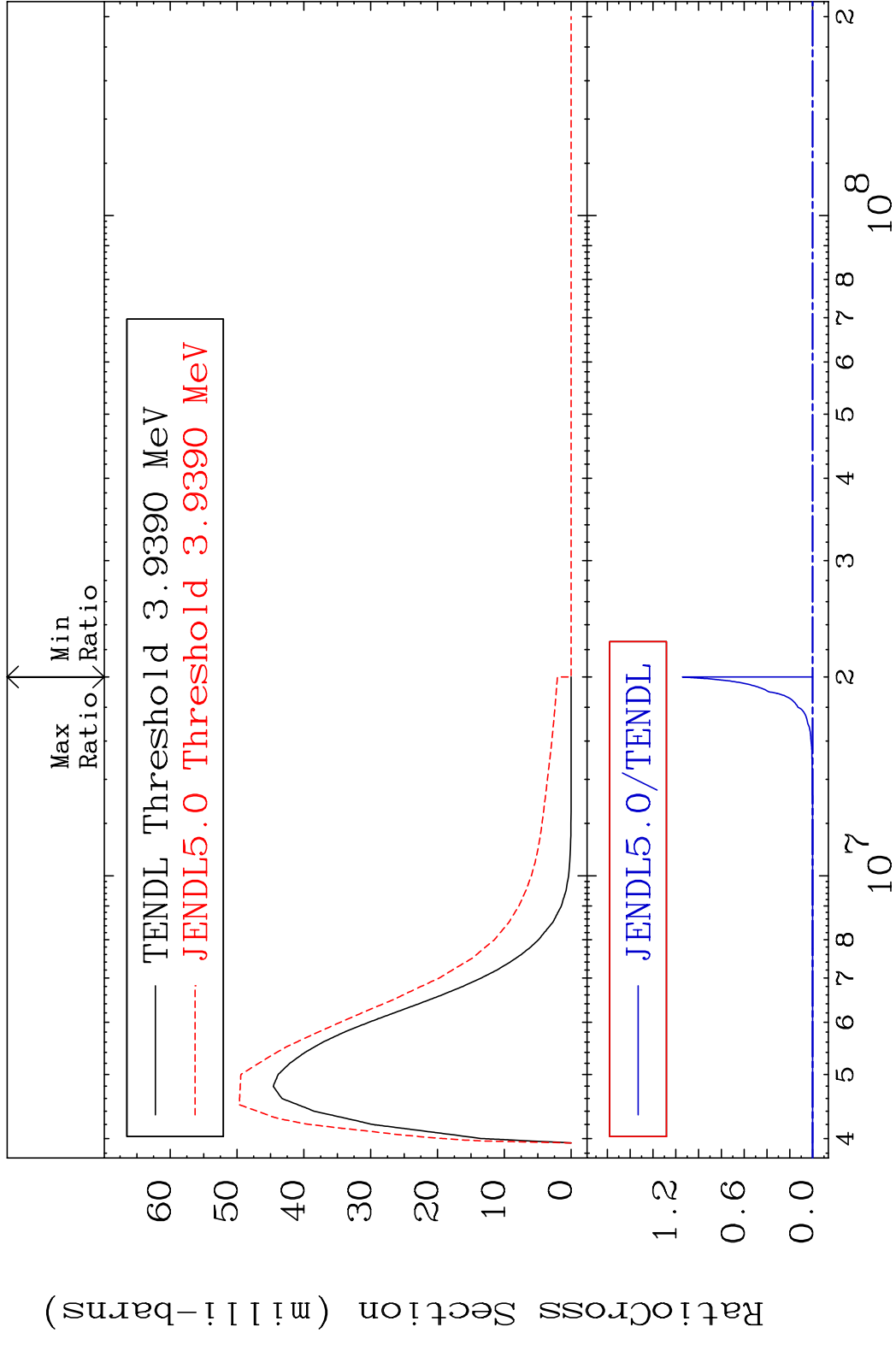


10 Incident Energy (eV) 82-Pb-208

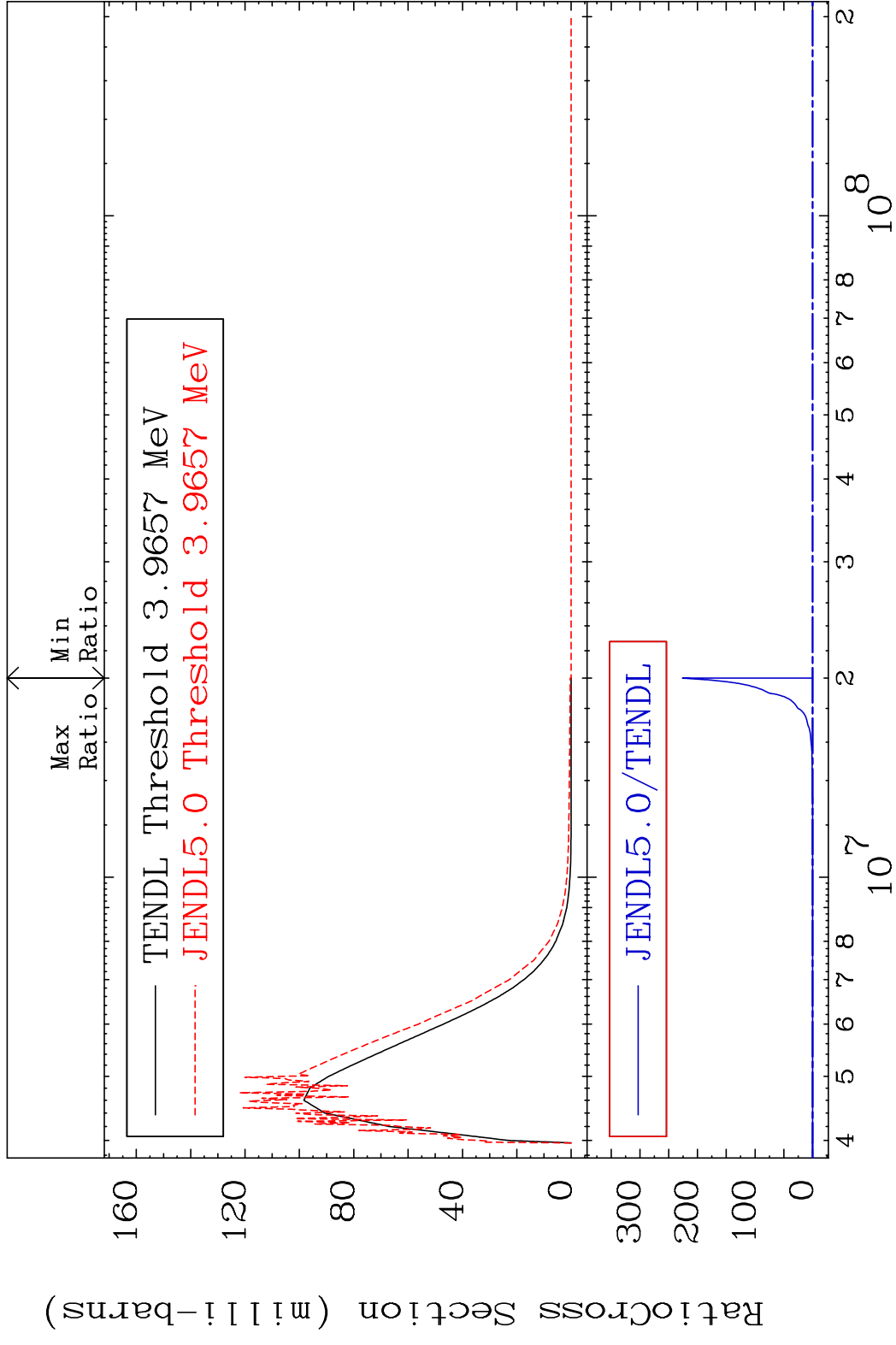
MAT 8237 MT= 54 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 132.1 %



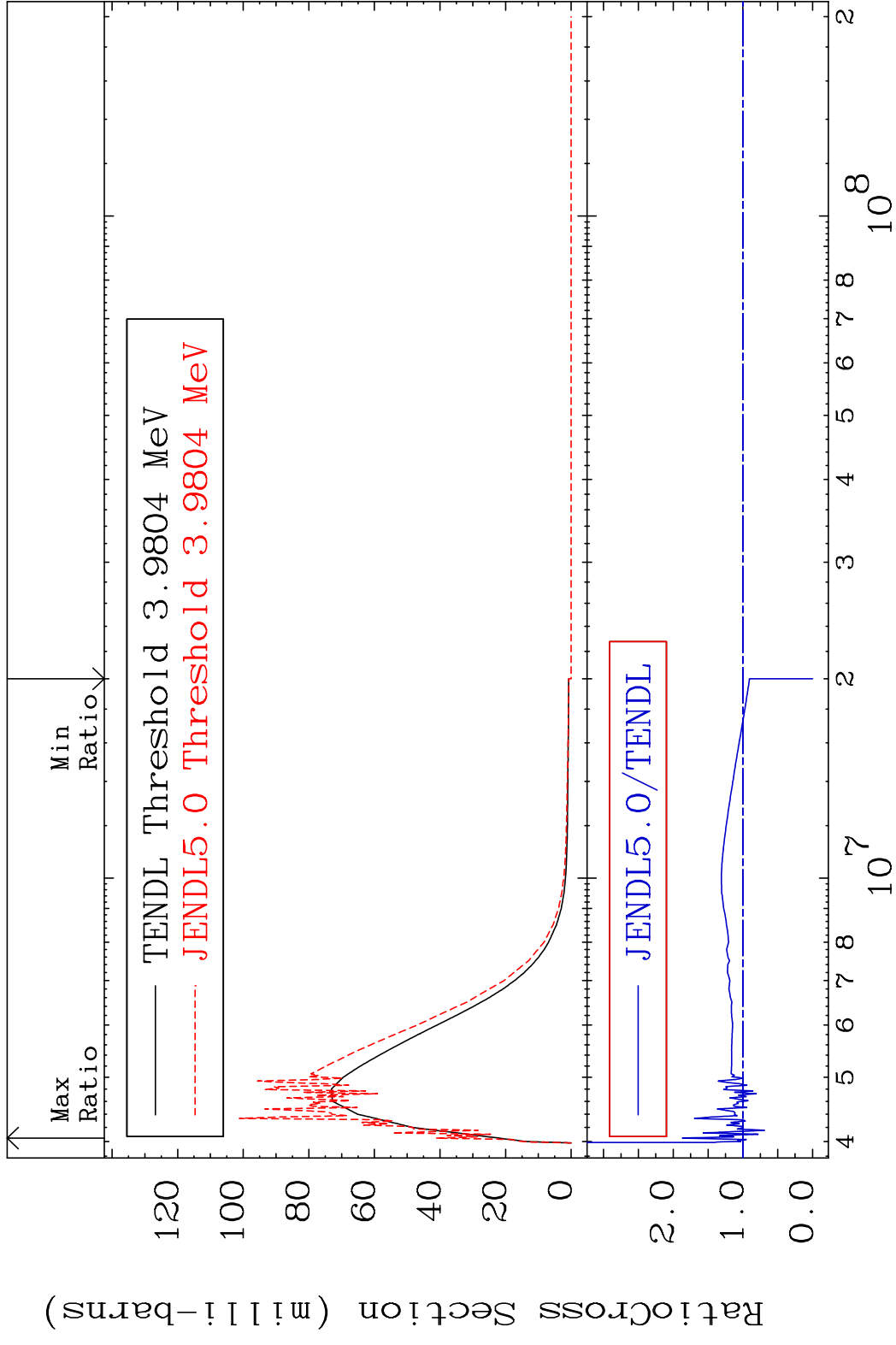
MAT 8237 MT= 55 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %



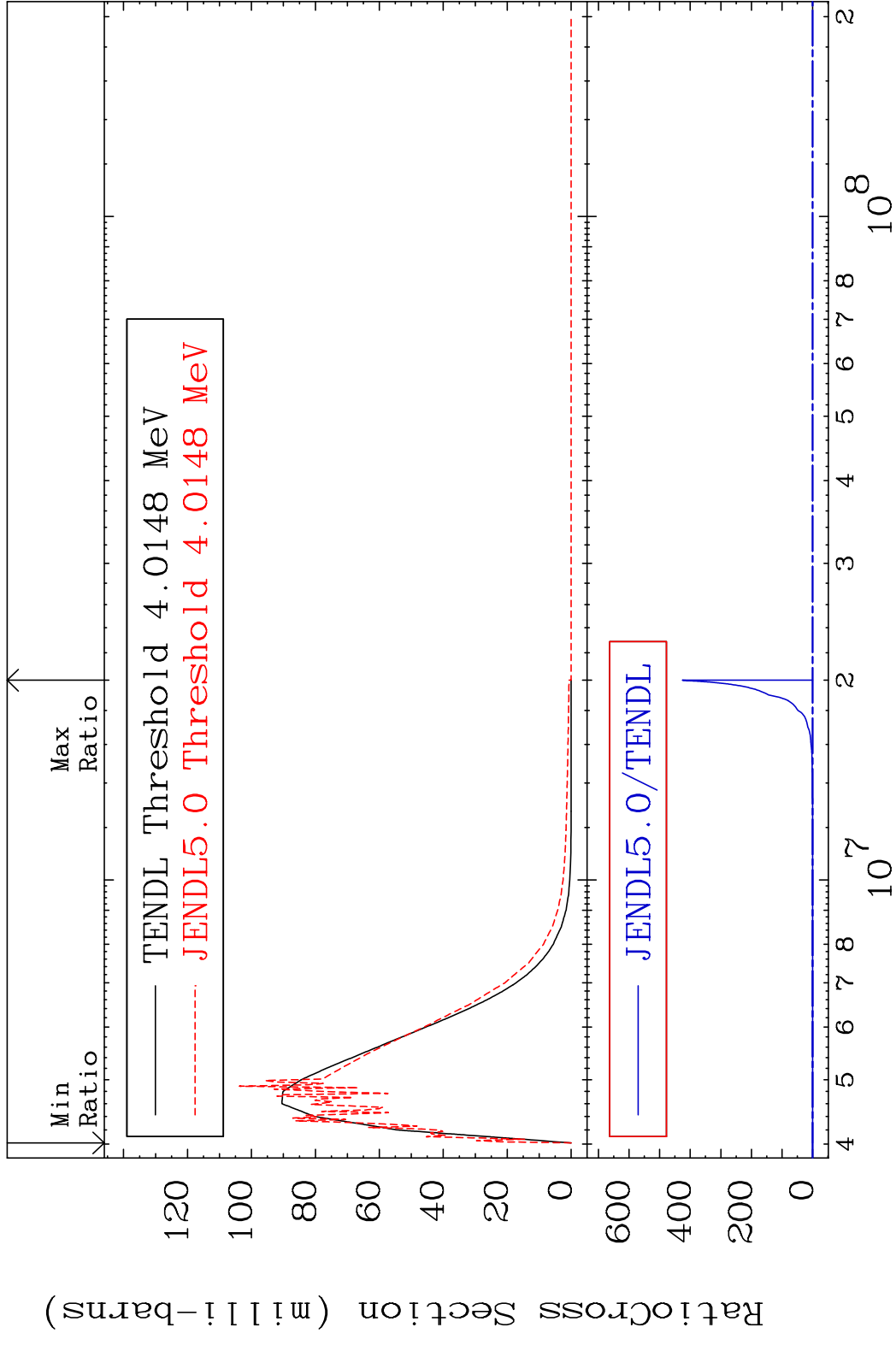
MAT 8237 MT= 56 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %



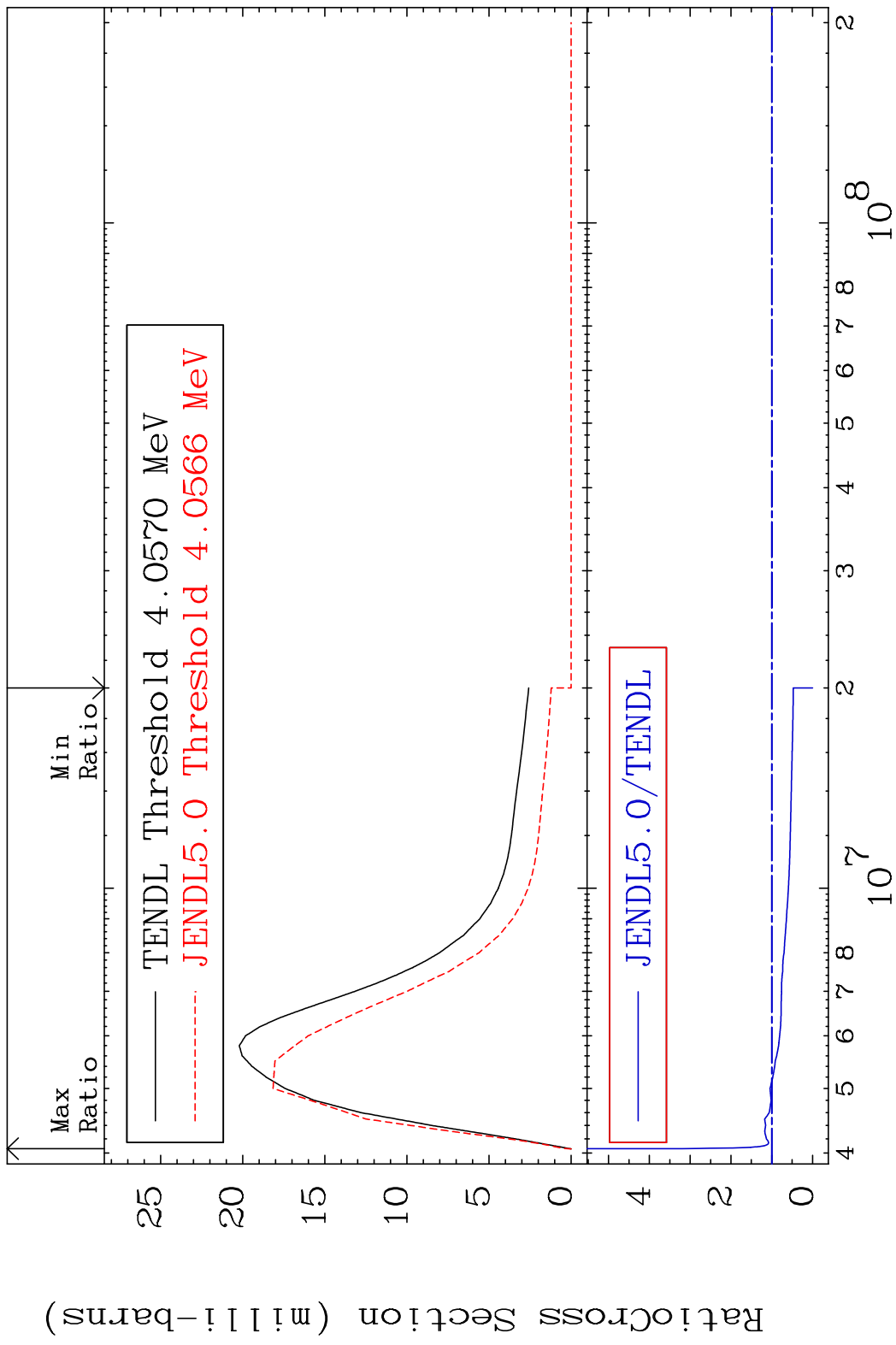
MAT 8237 MT= 57 (n,n') Level 82-Pb-208
 Cross Section -100.0 To 86.90 %



MAT 8237 MT= 58 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %

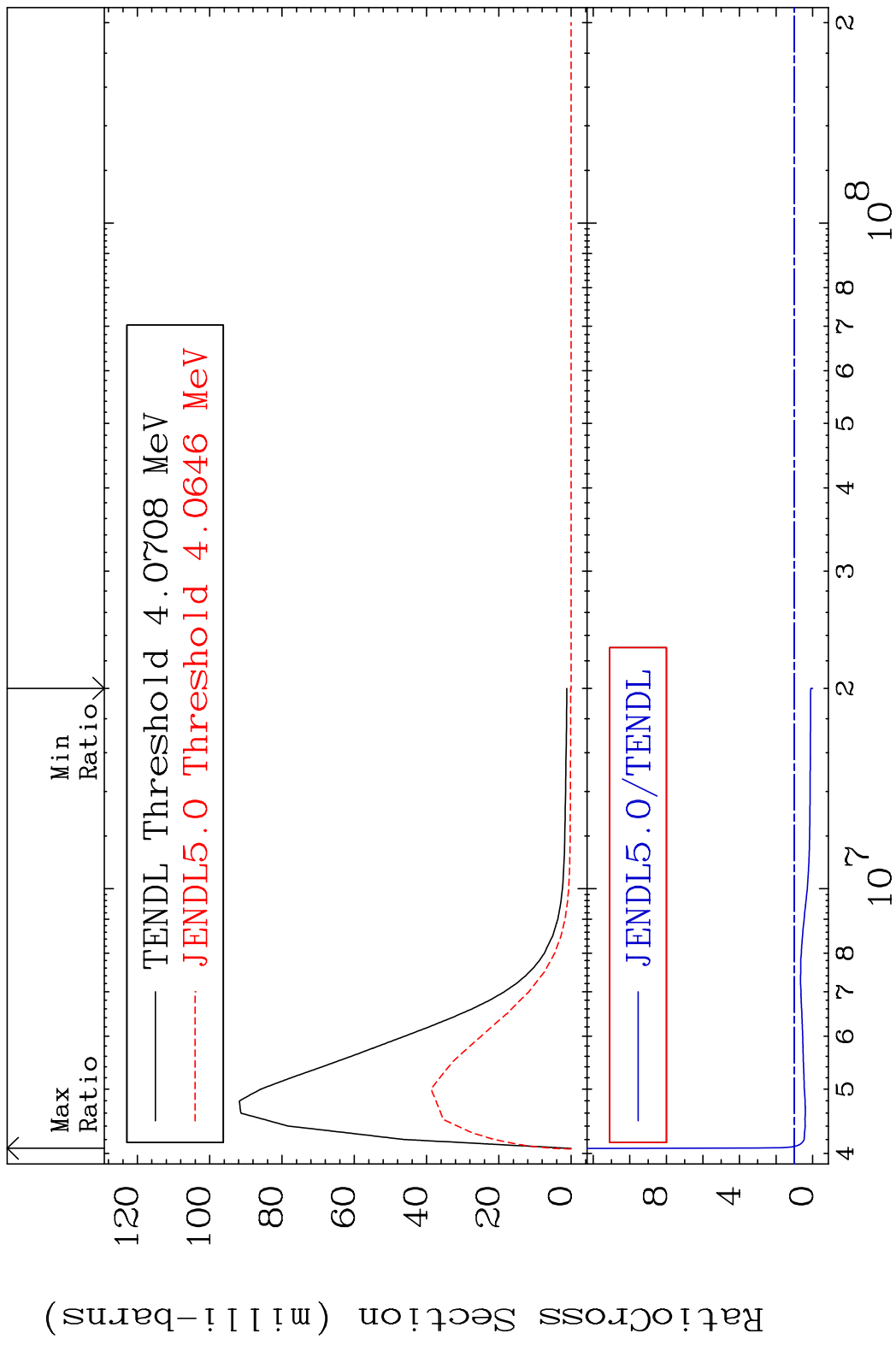


MAT 8237 MT= 59 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 219.2 %

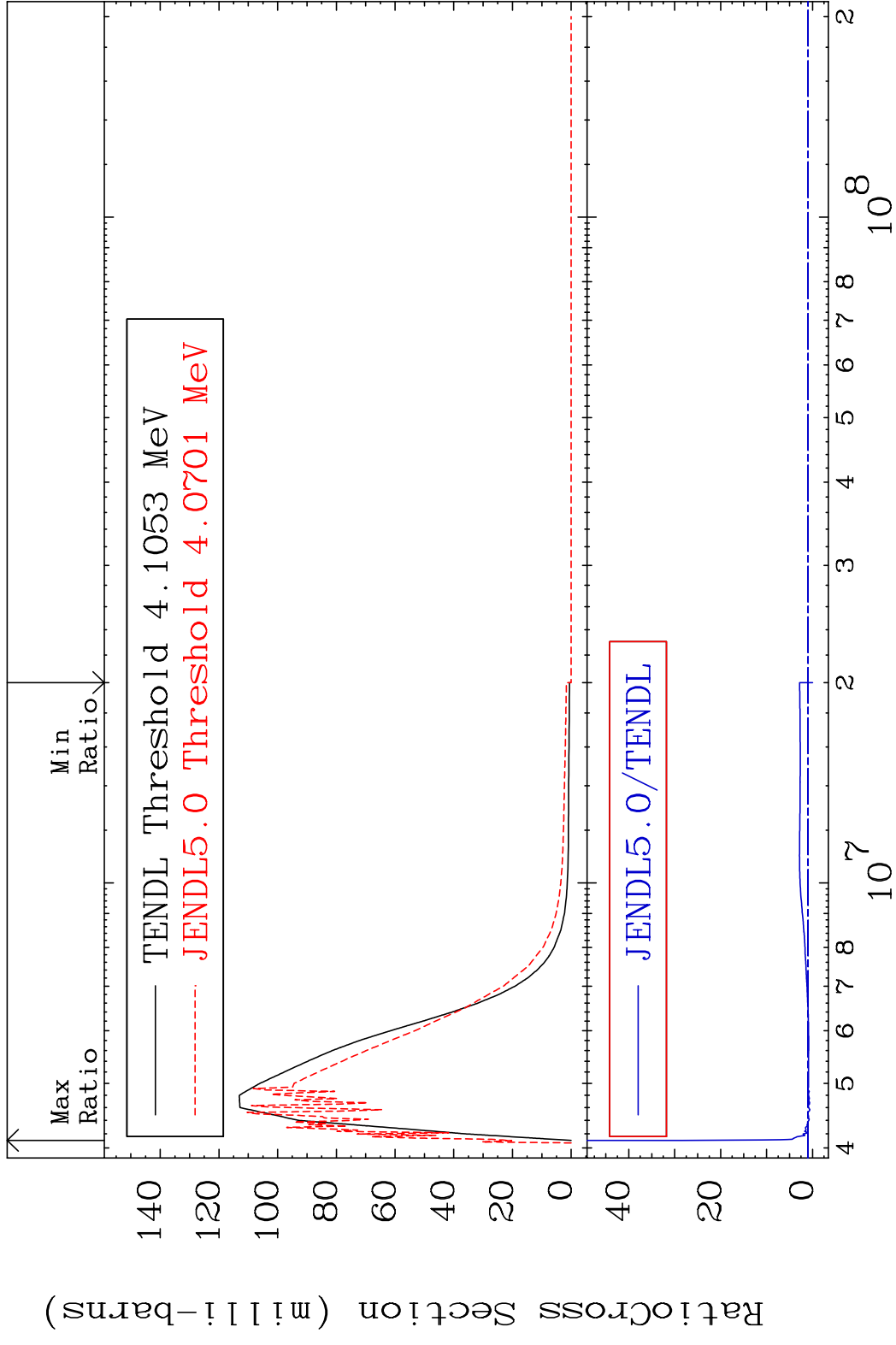


16 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 60 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 612.4 %

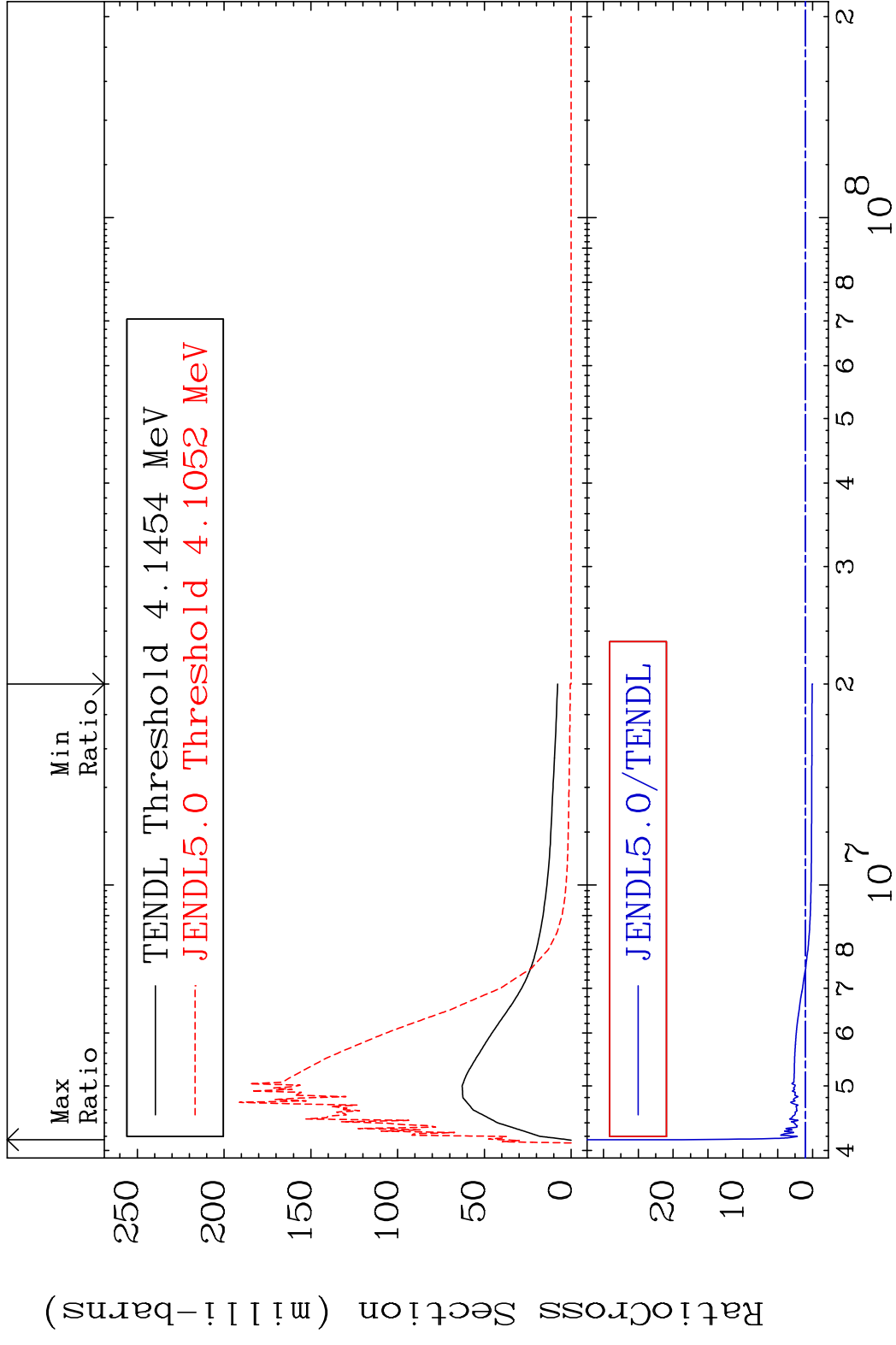


MAT 8237 MT= 61 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 2734. %

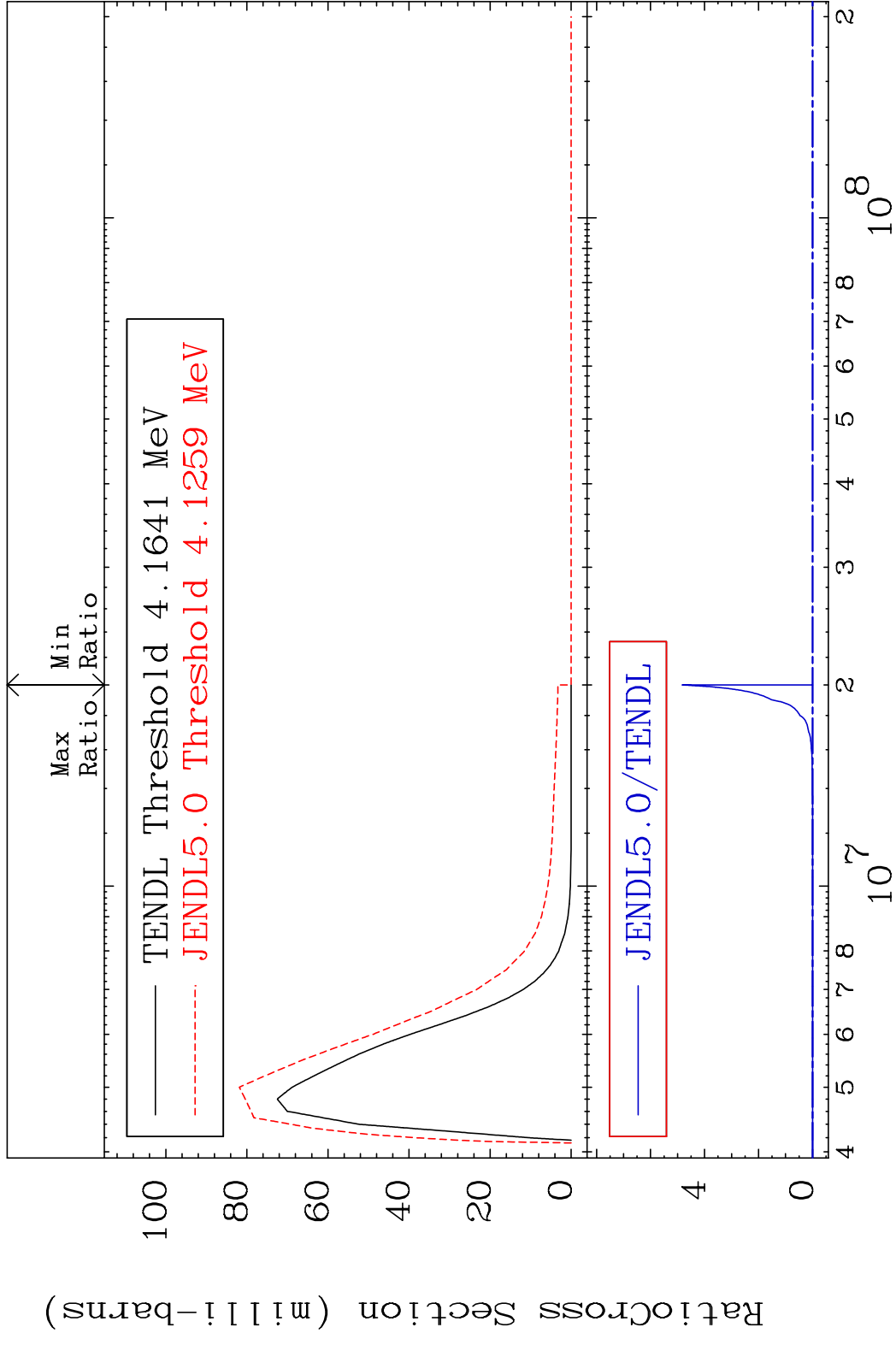


18 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 62 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 1768. %

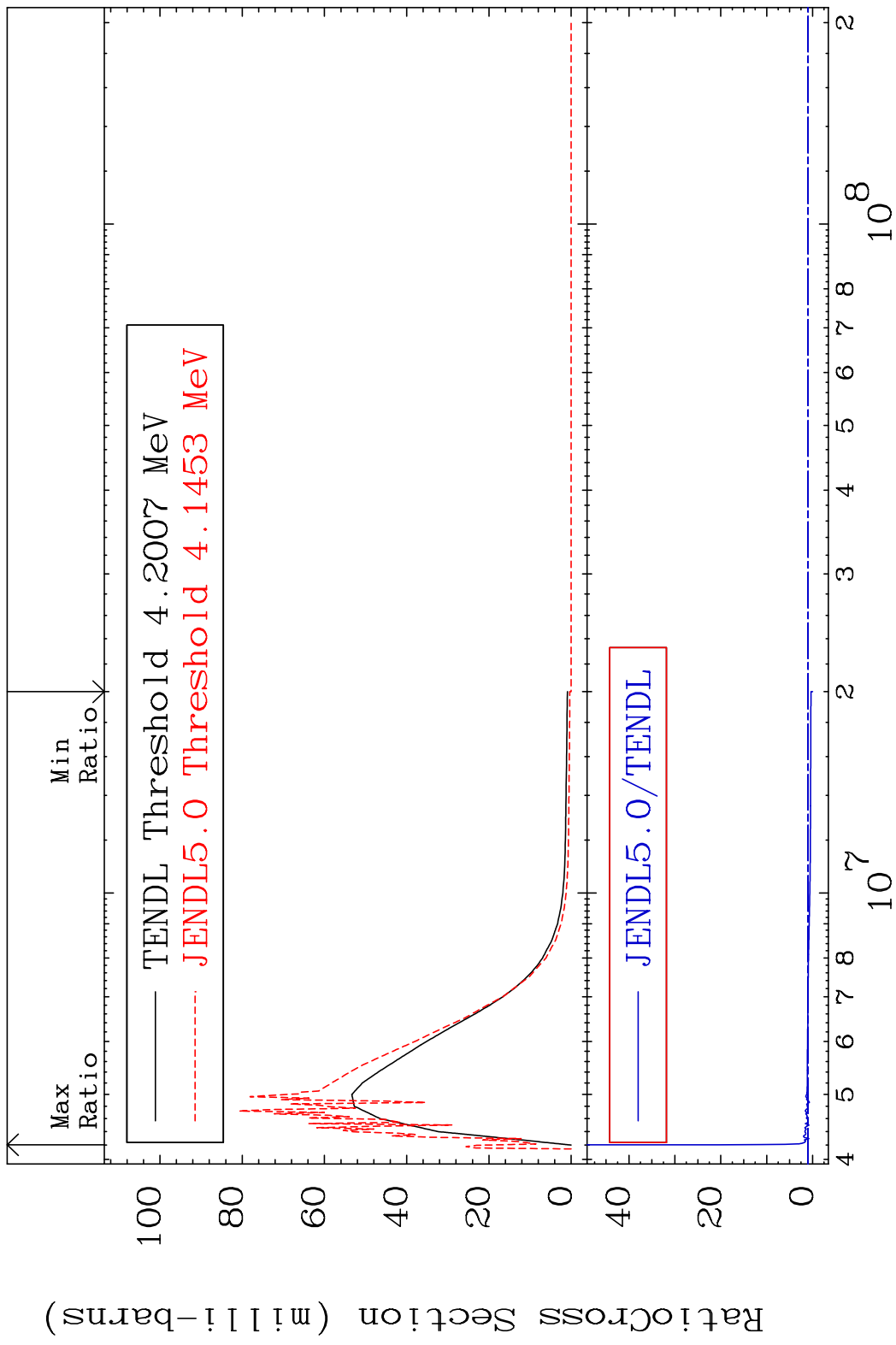


MAT 8237 MT= 63 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %

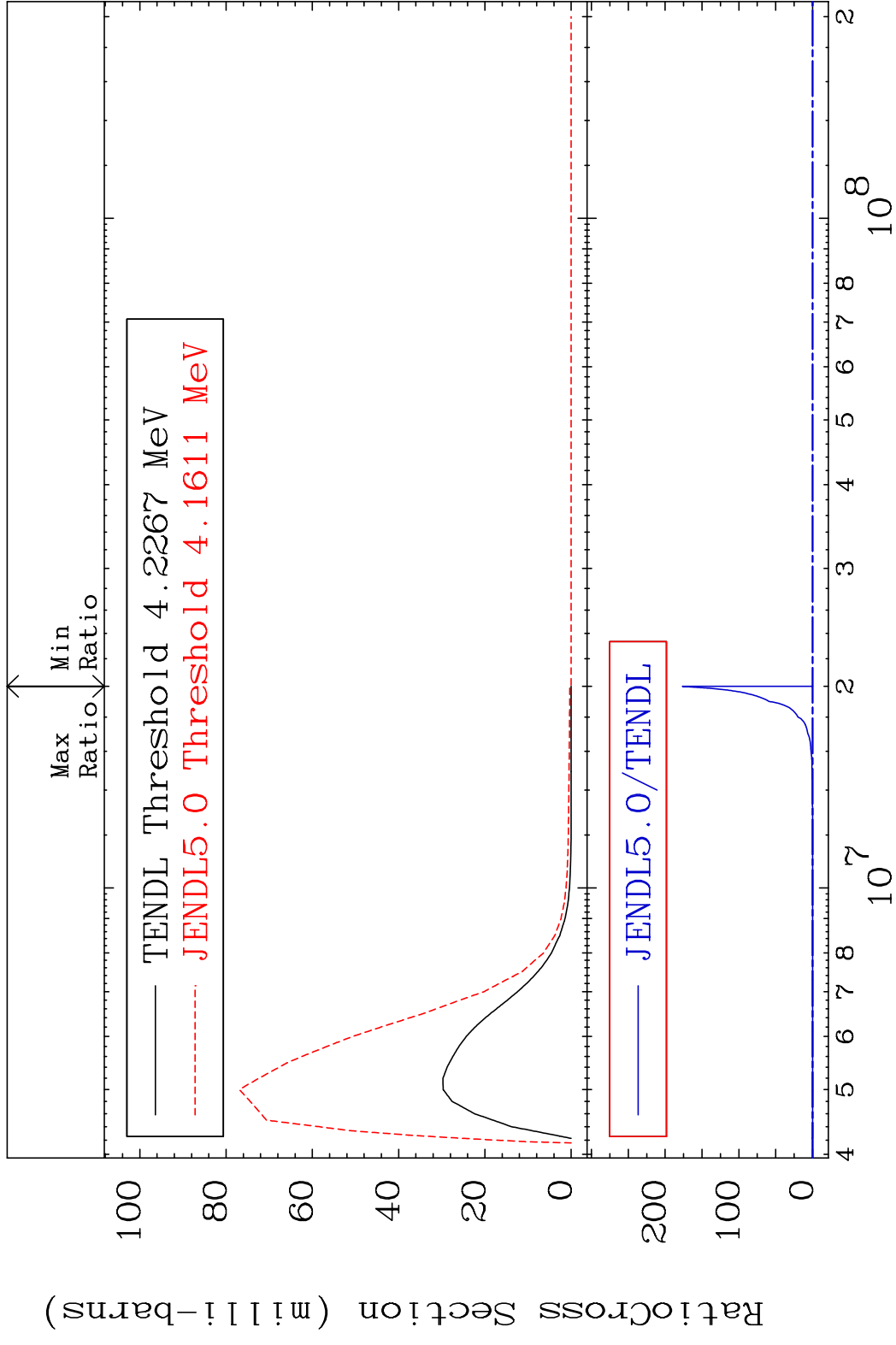


20 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 64 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 2737. %



MAT 8237 MT= 65 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %

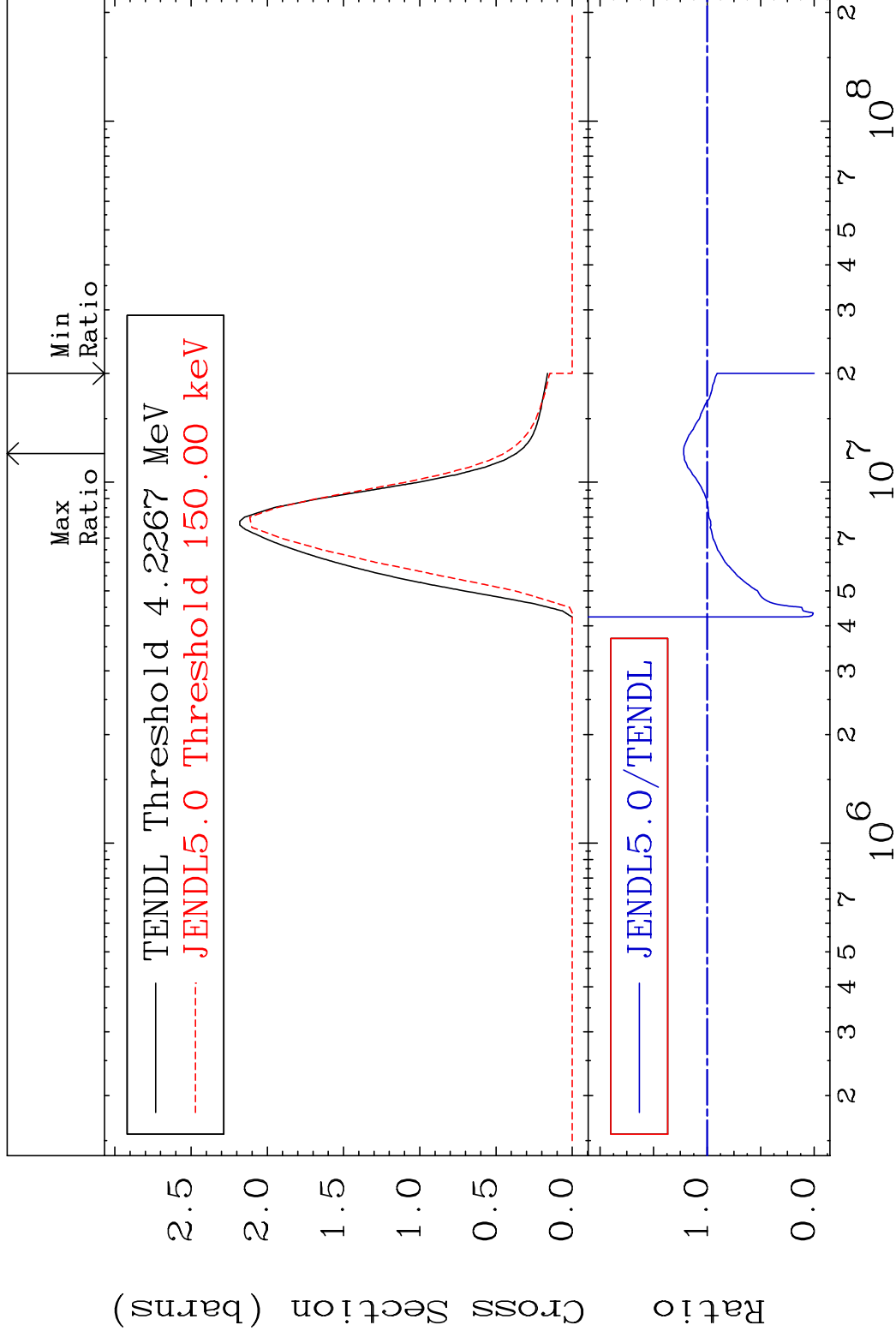


MAT 8237

(n, n') Continuum

82-Pb-208

Cross Section -100.0 To 21.93 %

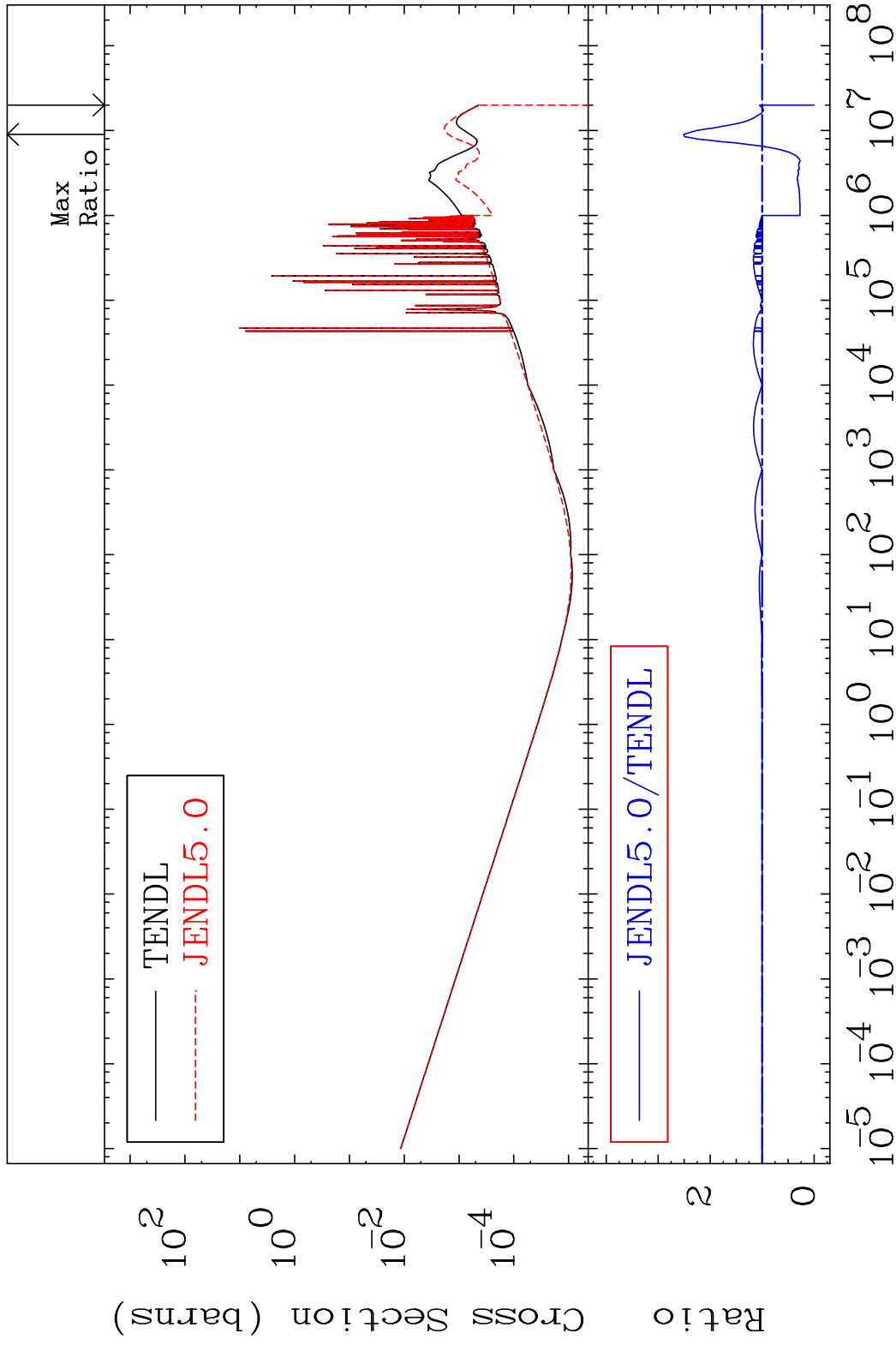


MAT 8237

(n, γ)

82-Pb-208

Cross Section -100.0 To 151.0 %



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Incident Energy (eV)

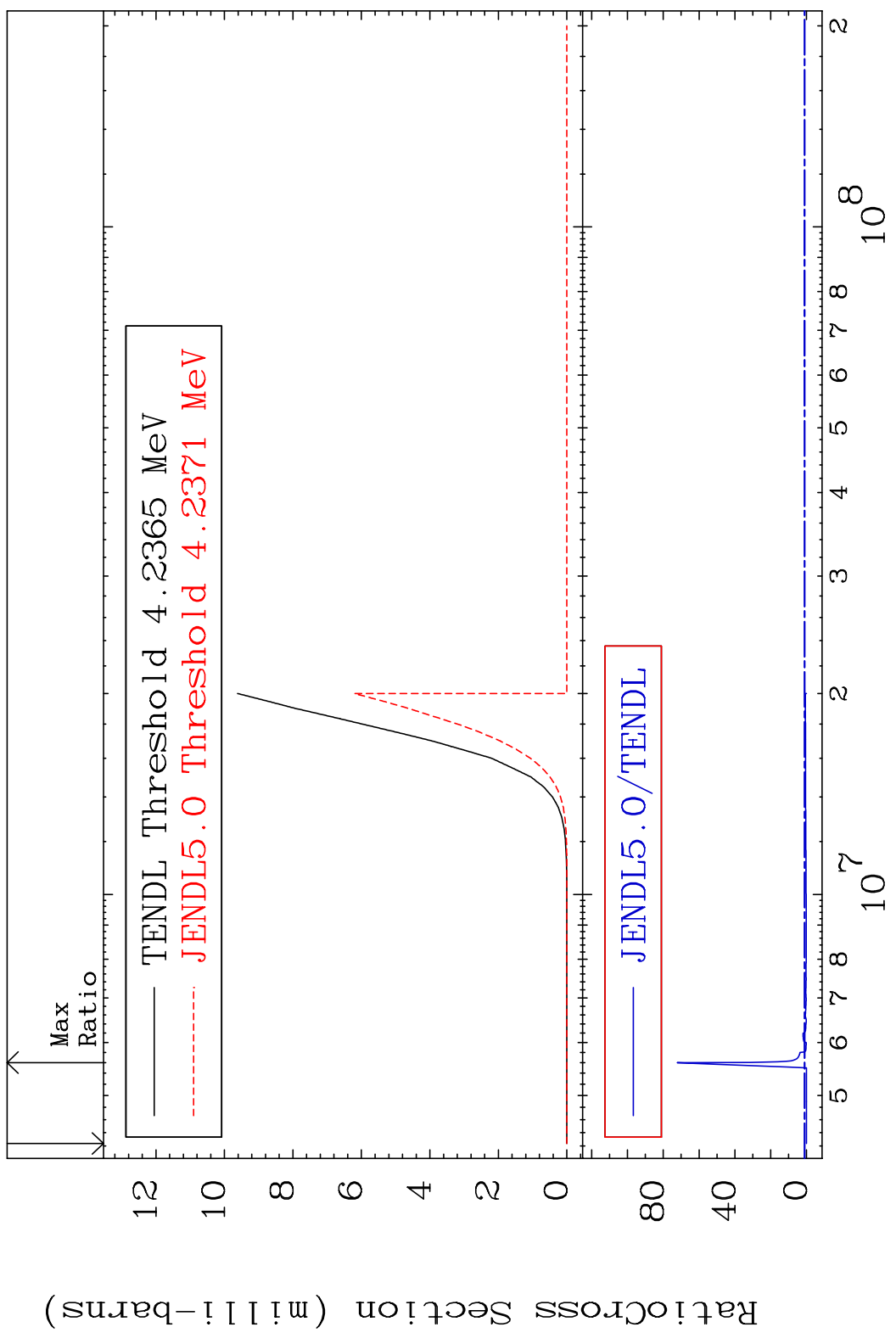
82-Pb-208

MAT 8237

(n,p)

82-Pb-208

Cross Section -100.0 To 7123. %

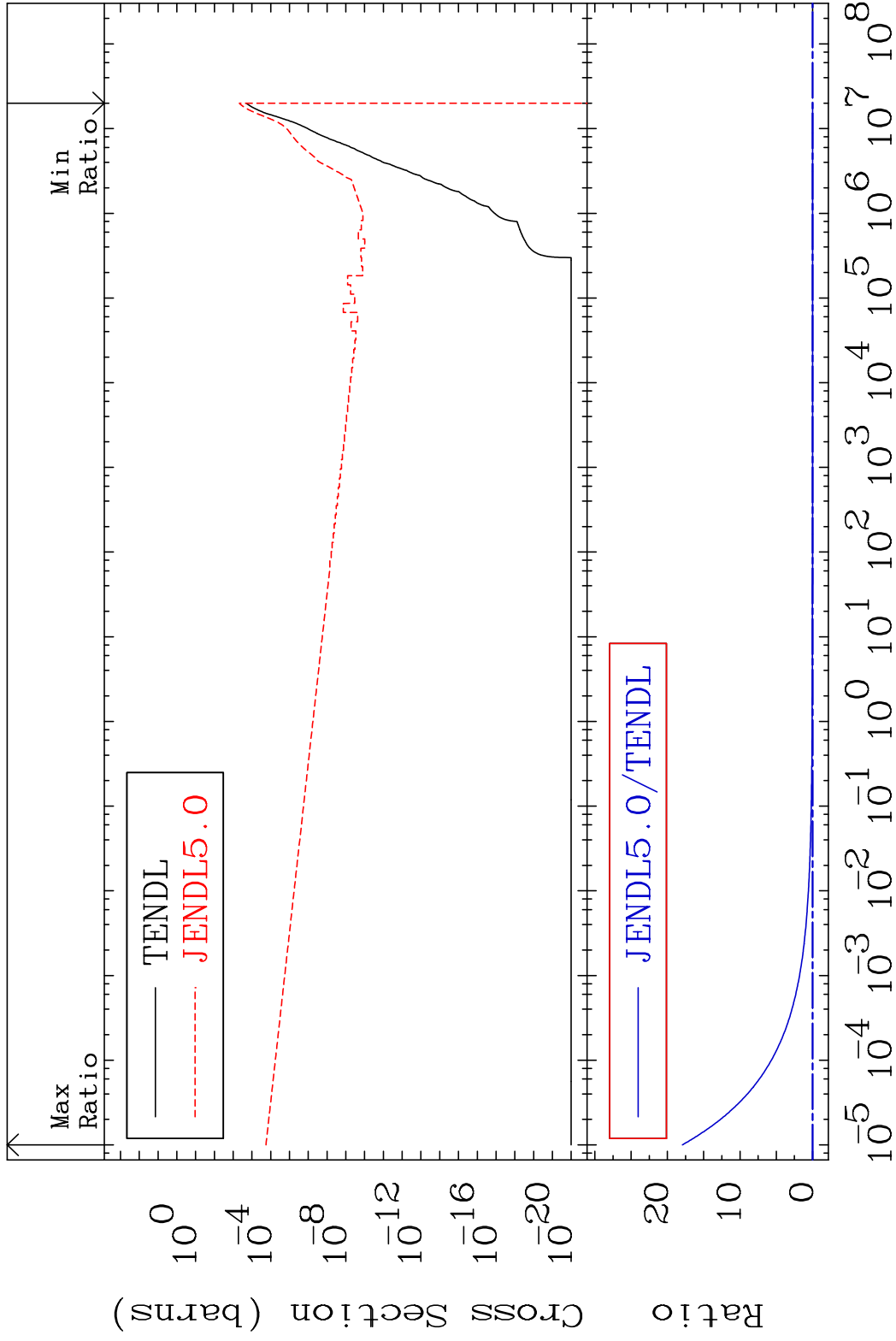


MAT 8237

(n, α)

82-Pb-208

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

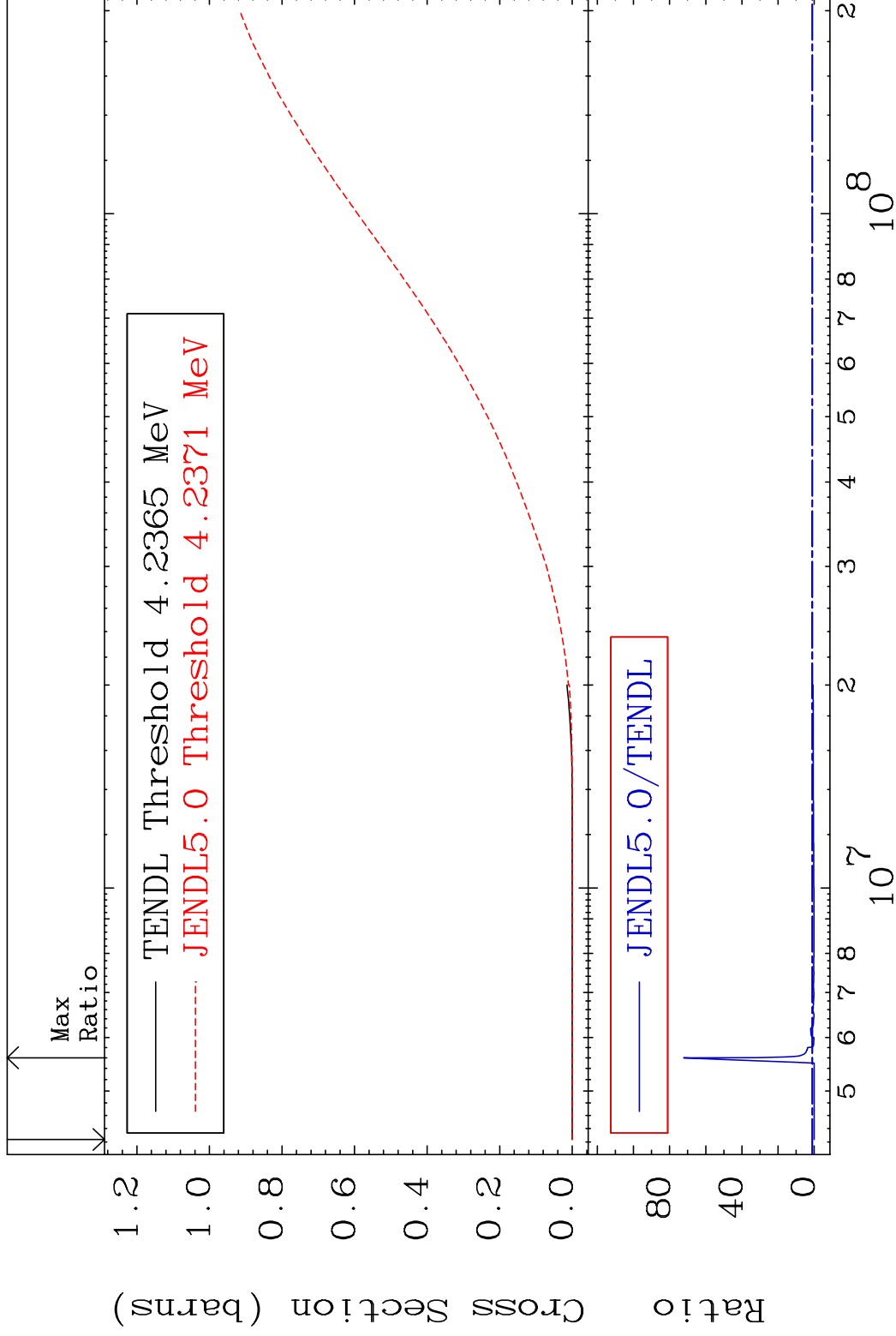
82-Pb-208

MAT 8237

Hydrogen Production

82-Pb-208

Cross Section -100.0 To 7123. %

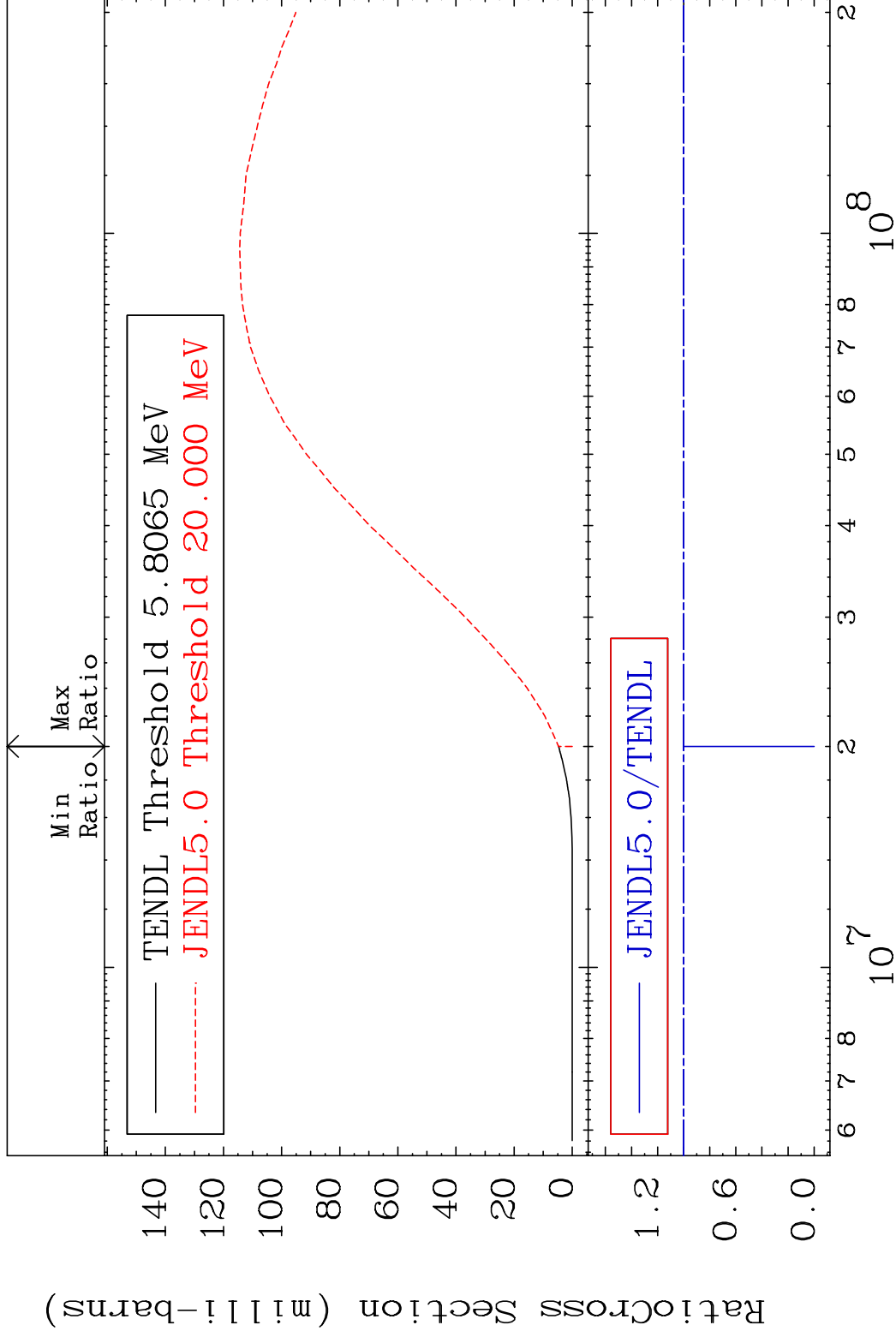


MAT 8237

Deuterium Production

82-Pb-208

Cross Section -100.0 To 0.019 %



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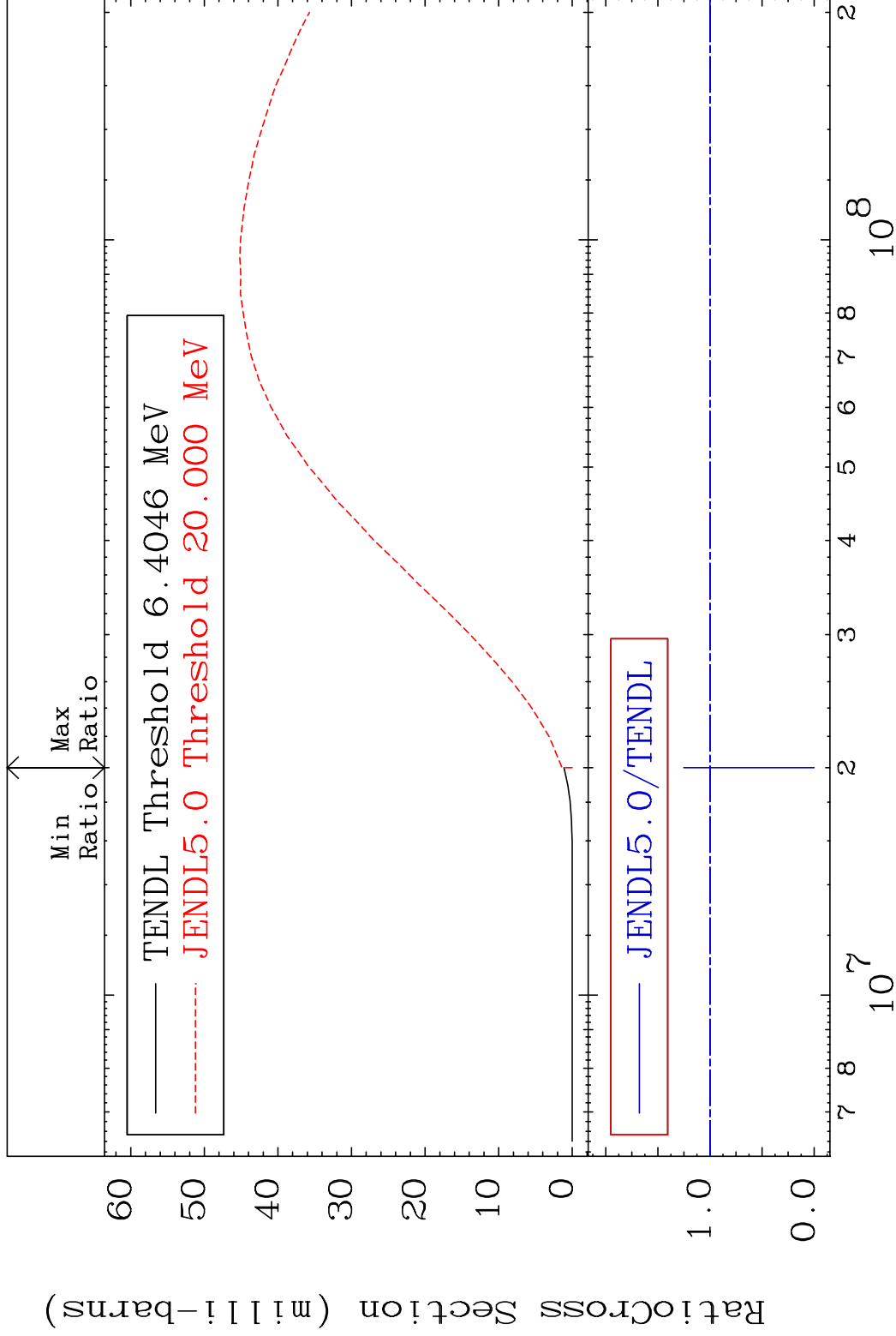
Incident Energy (eV)

82-Pb-208

MAT 8237

Tritium Production 82-Pb-208

Cross Section -100.0 To 25.27 %



29

Incident Energy (eV)

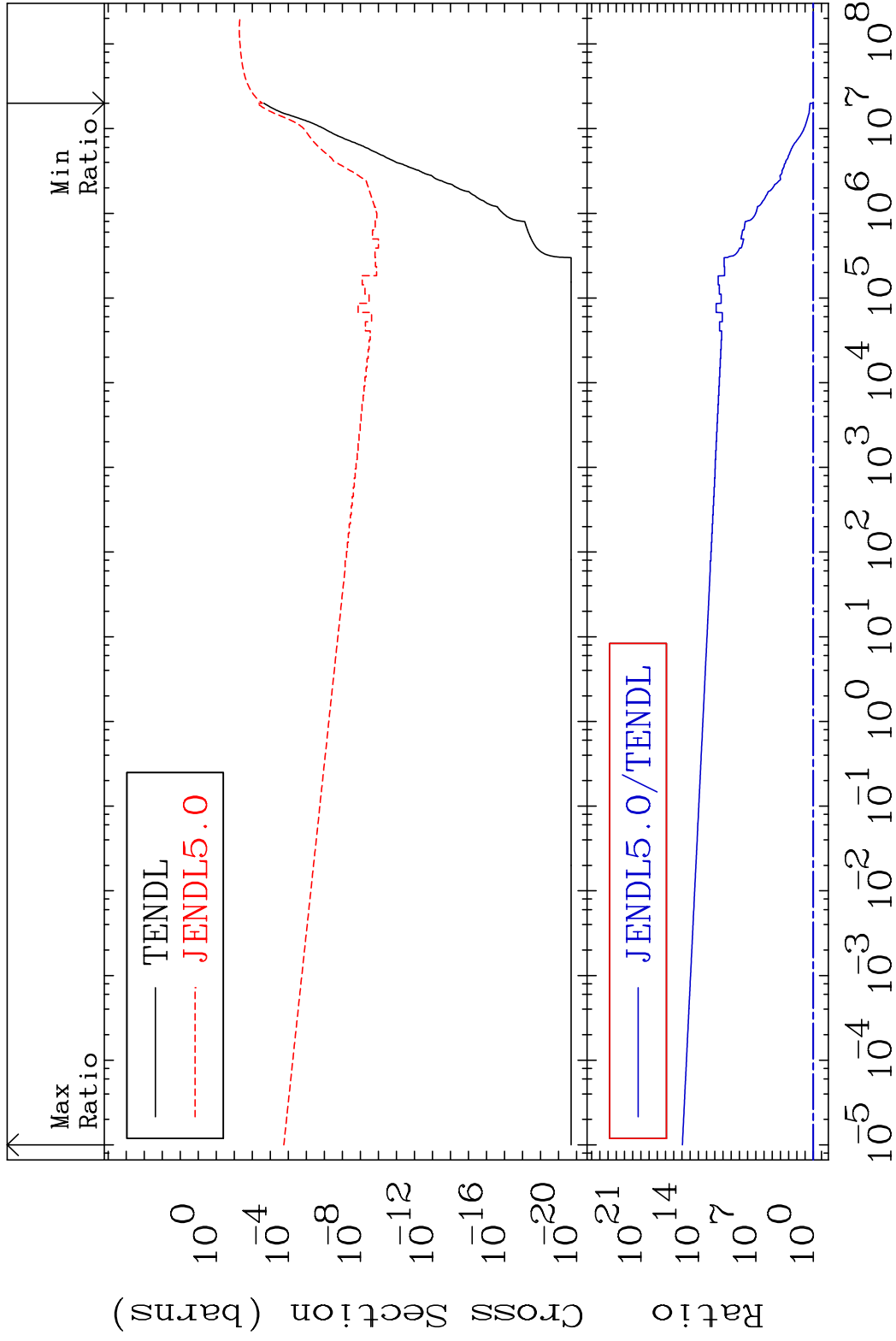
82-Pb-208

MAT 8237

He-4 Production

82-Pb-208

Cross Section 22.67 To 9999. %

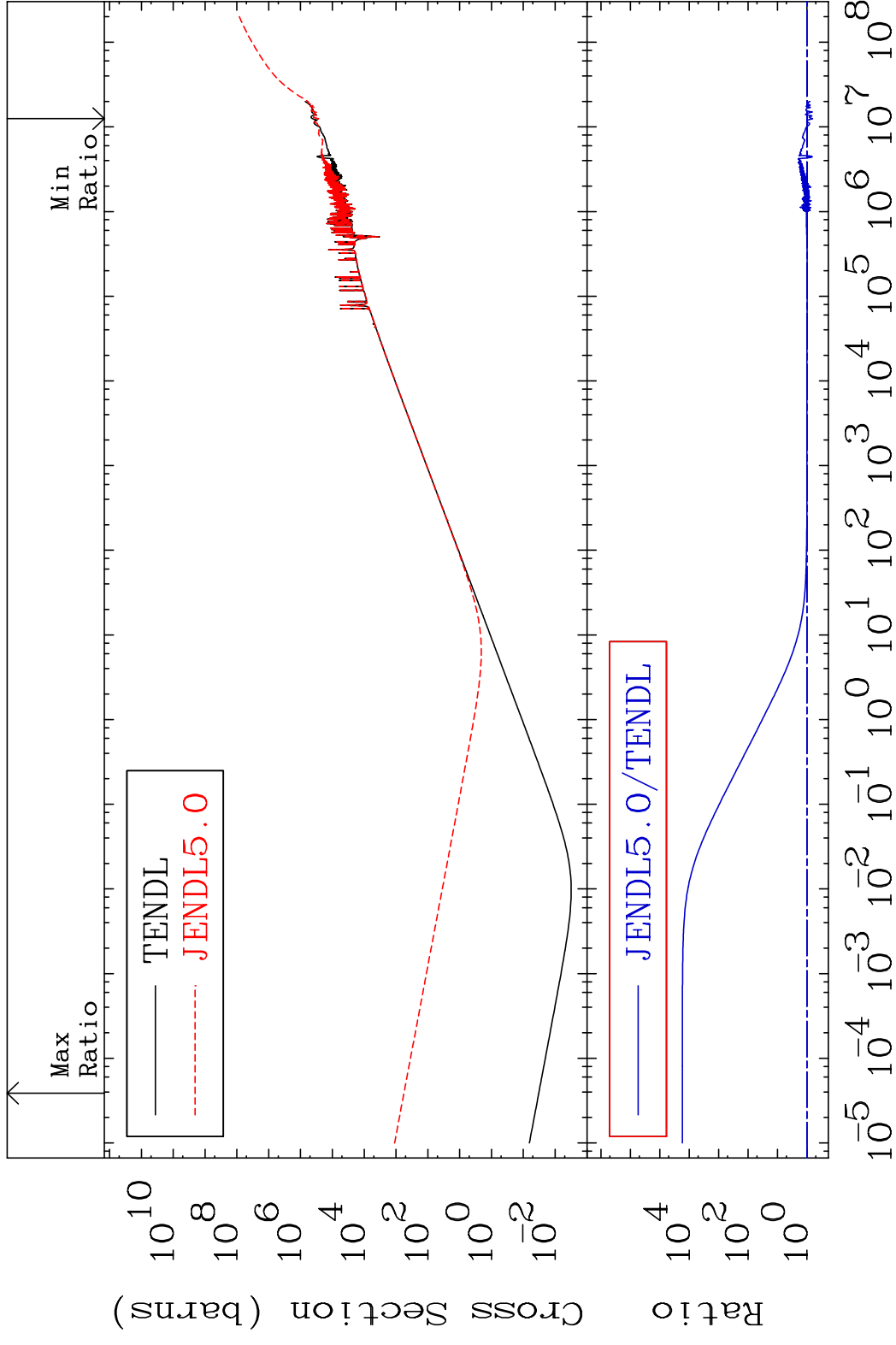


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Incident Energy (eV)

82-Pb-208

MAT 8237 Kerma total (eV-barns) 82-Pb-208
 Cross Section -35.47 To 9999. %

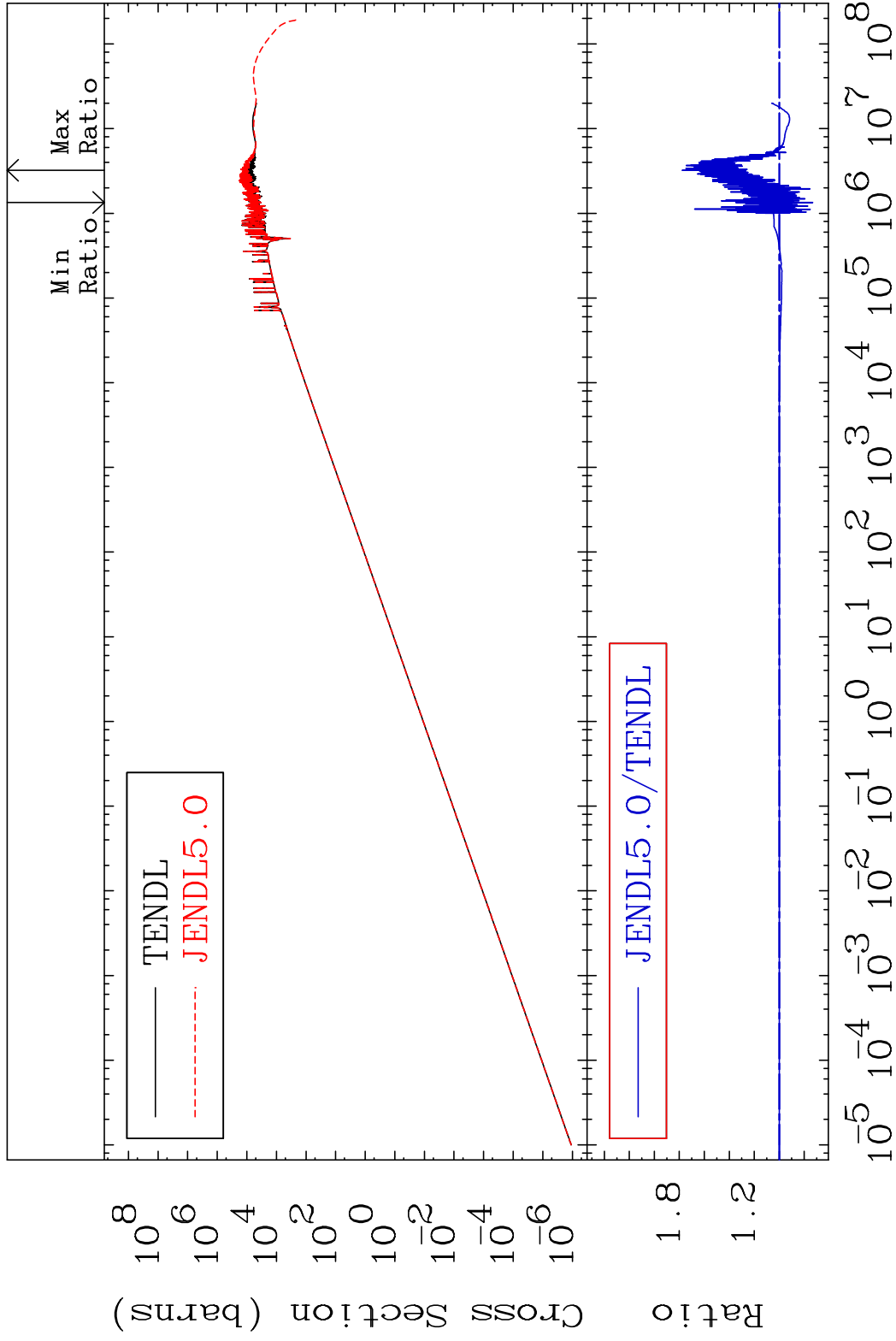


MAT 8237

Kerma elastic

82-Pb-208

Cross Section -26.68 To 77.55 %

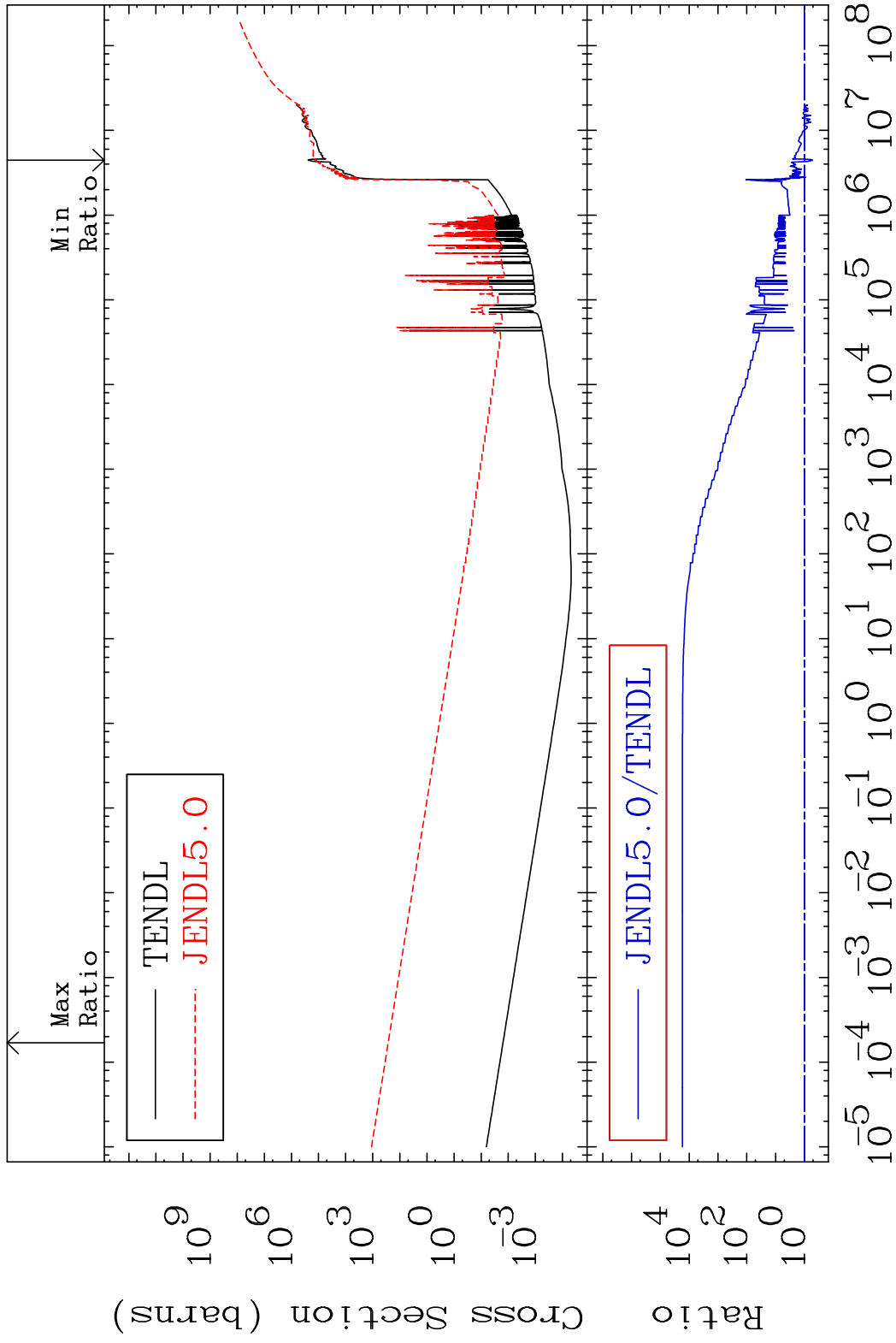


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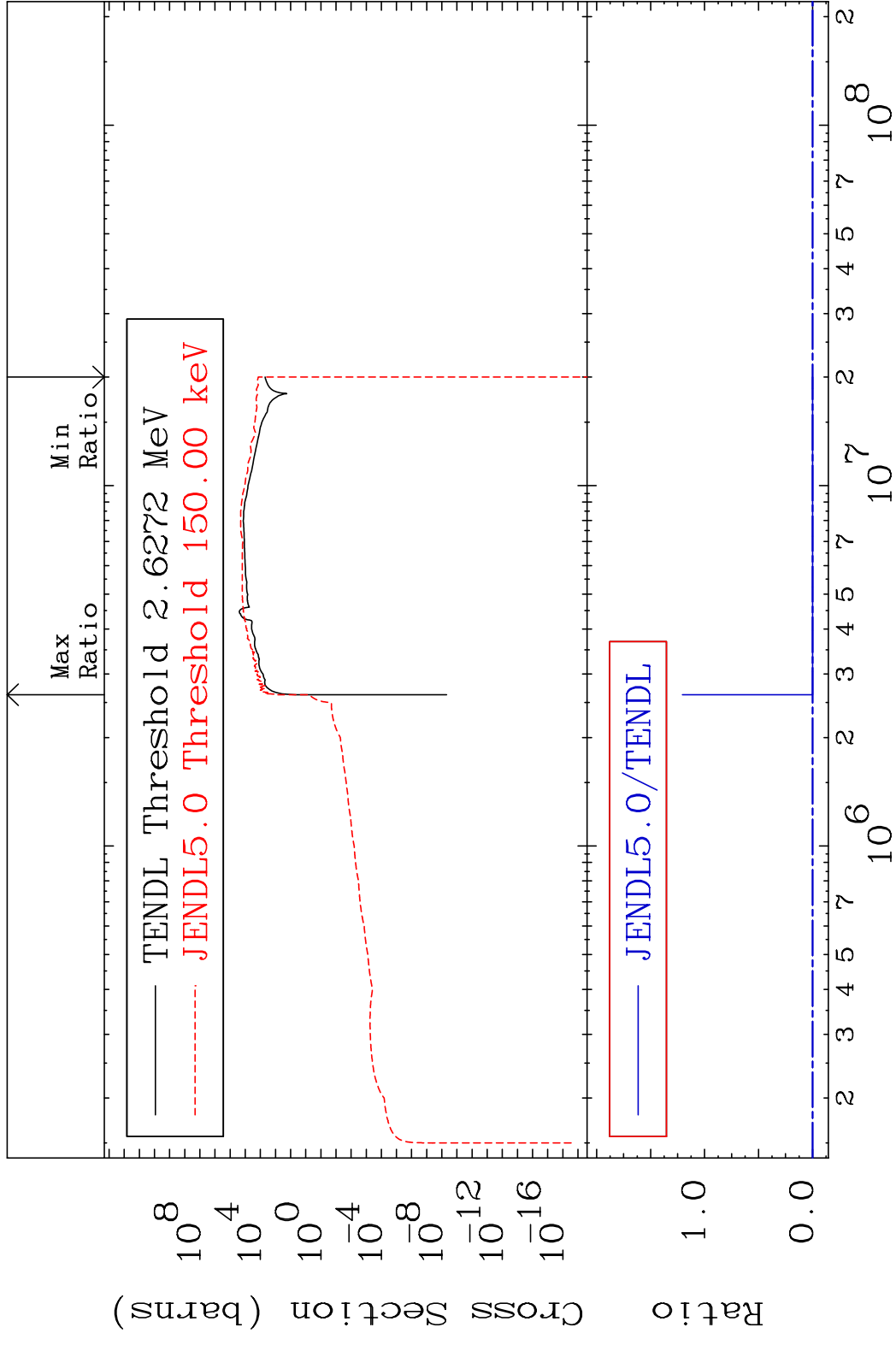
Incident Energy (eV)

82-Pb-208

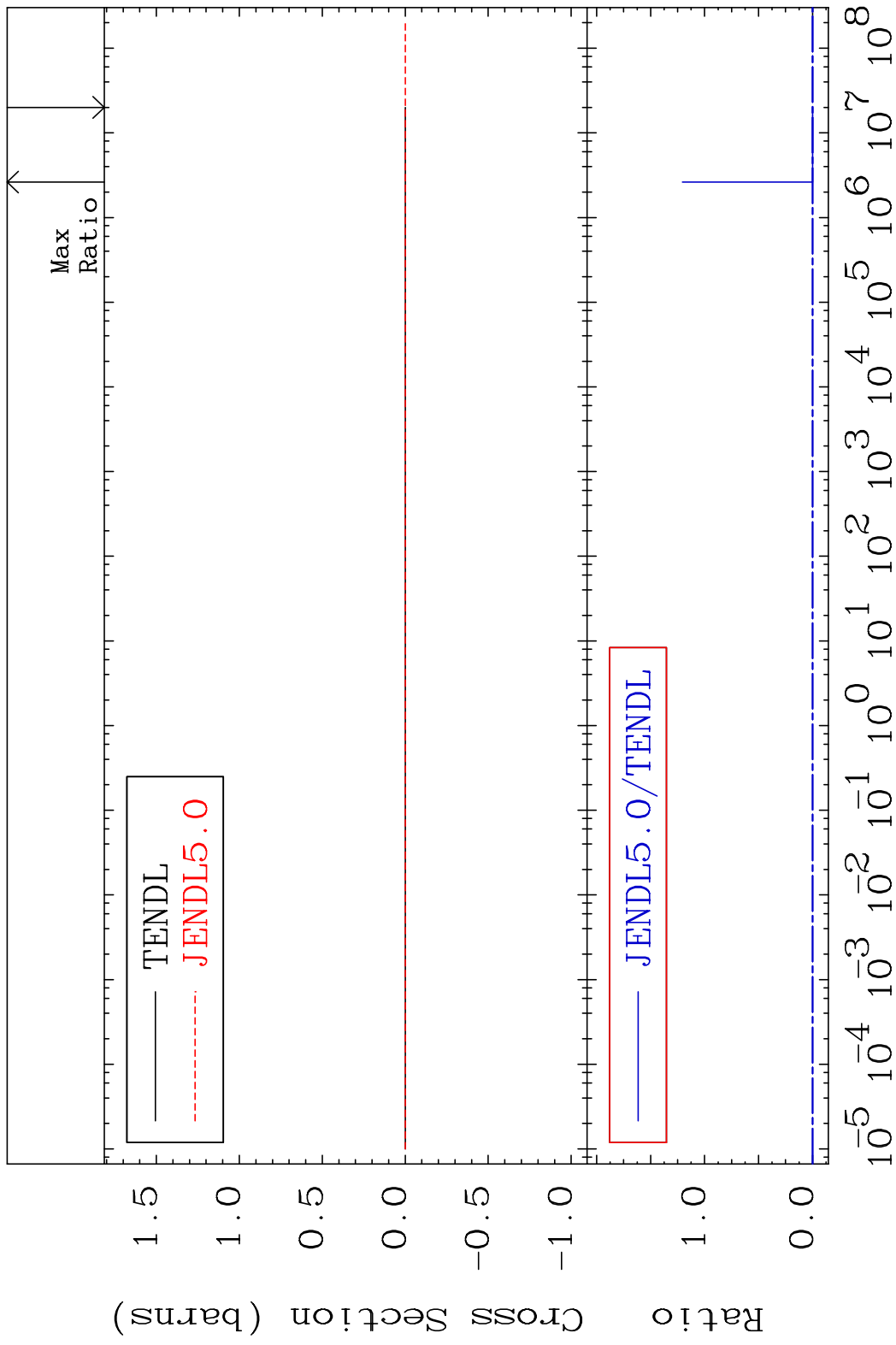
MAT 8237 Kerma non-elastic (all but mt2) 82-Pb-208
 Cross Section -47.76 To 9999. %



MAT 8237 Kerma inelastic (mt51-91) 82-Pb-208
 Cross Section -100.0 To 9999. %

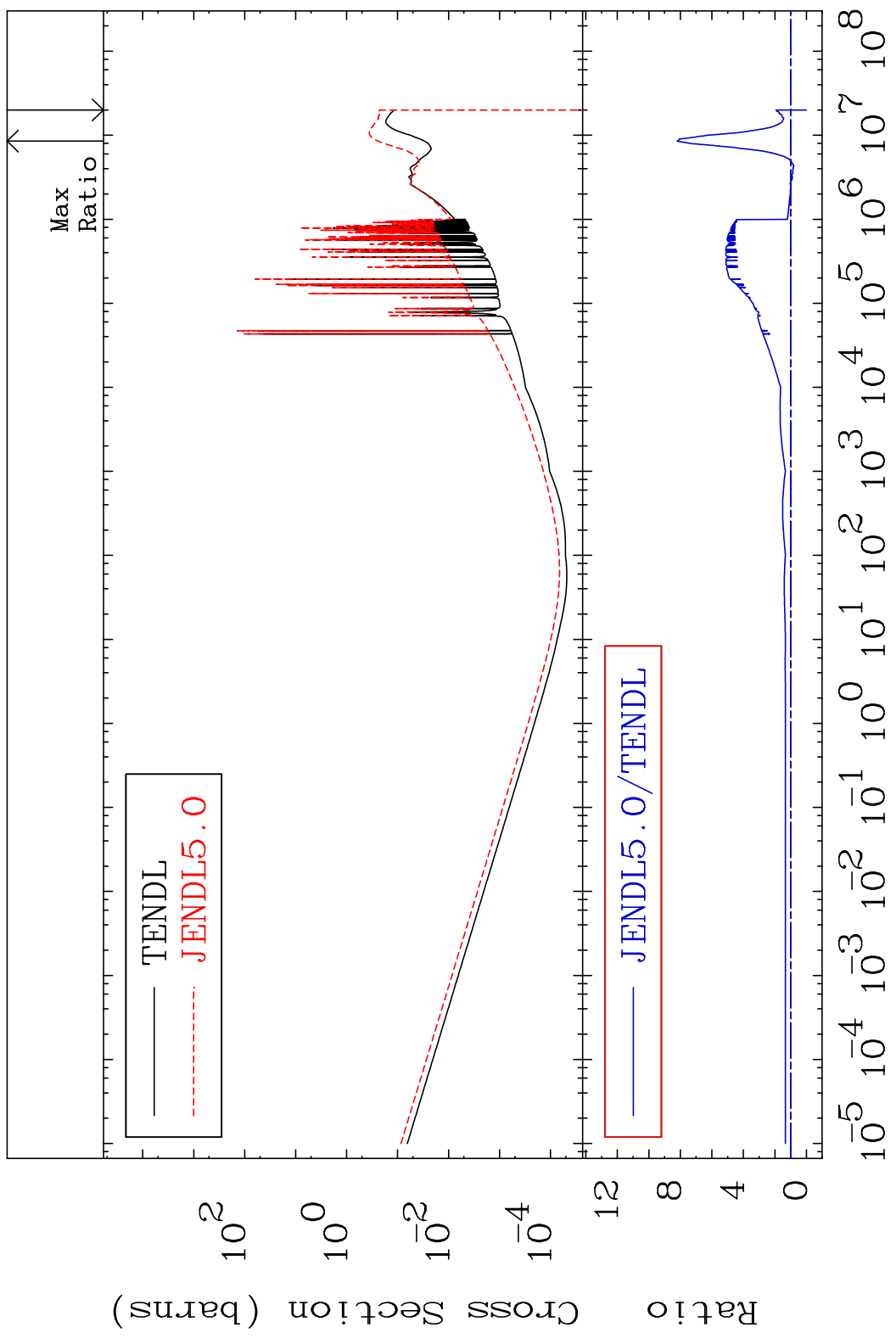


MAT 8237 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-208
 Cross Section -100.0 To 9999. %



MAT 8237

Kerma capture (mt102) 82-Pb-208
Cross Section -100.0 To 720.1 %



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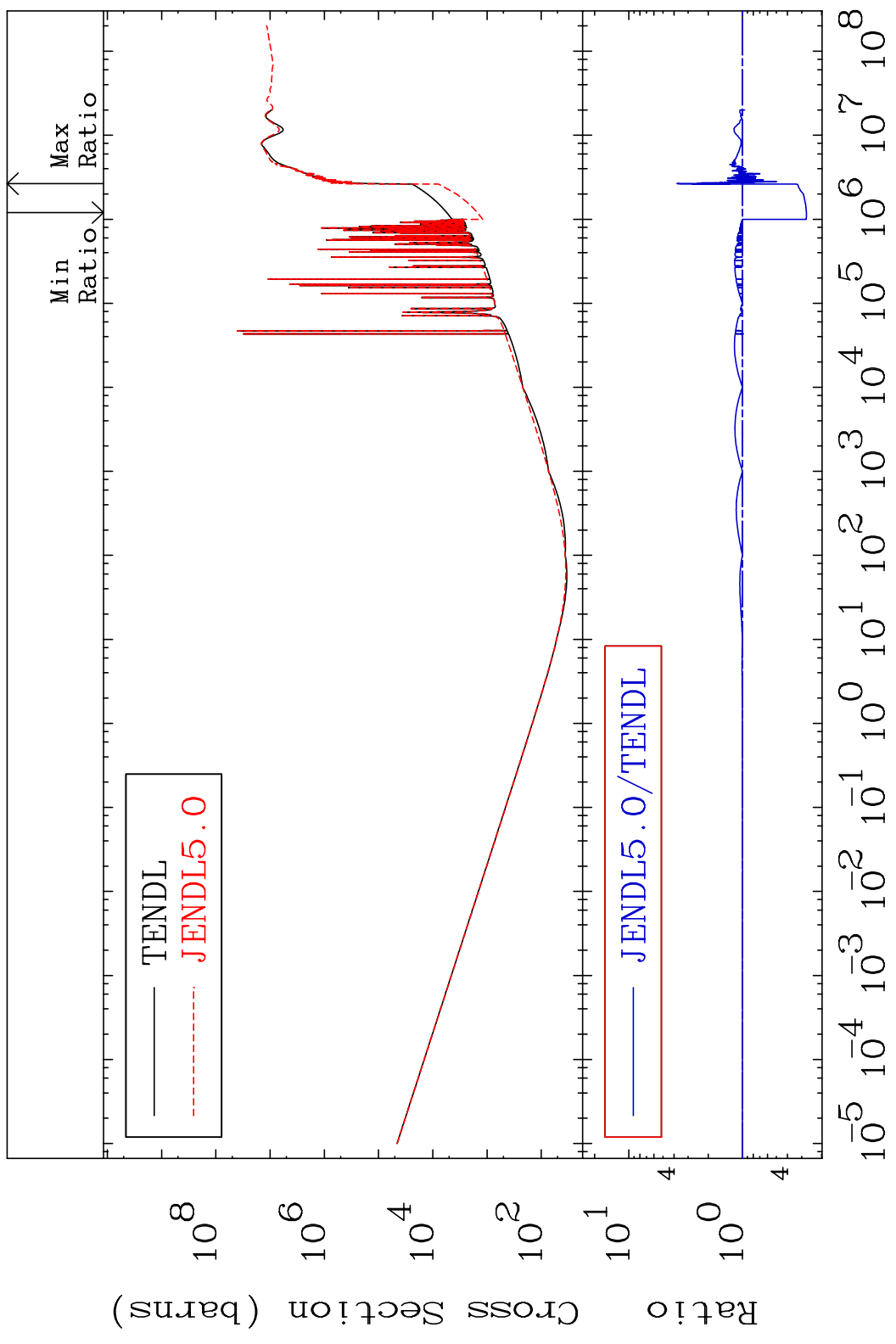
Incident Energy (eV) 82-Pb-208

MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -72.77 To 274.9 %

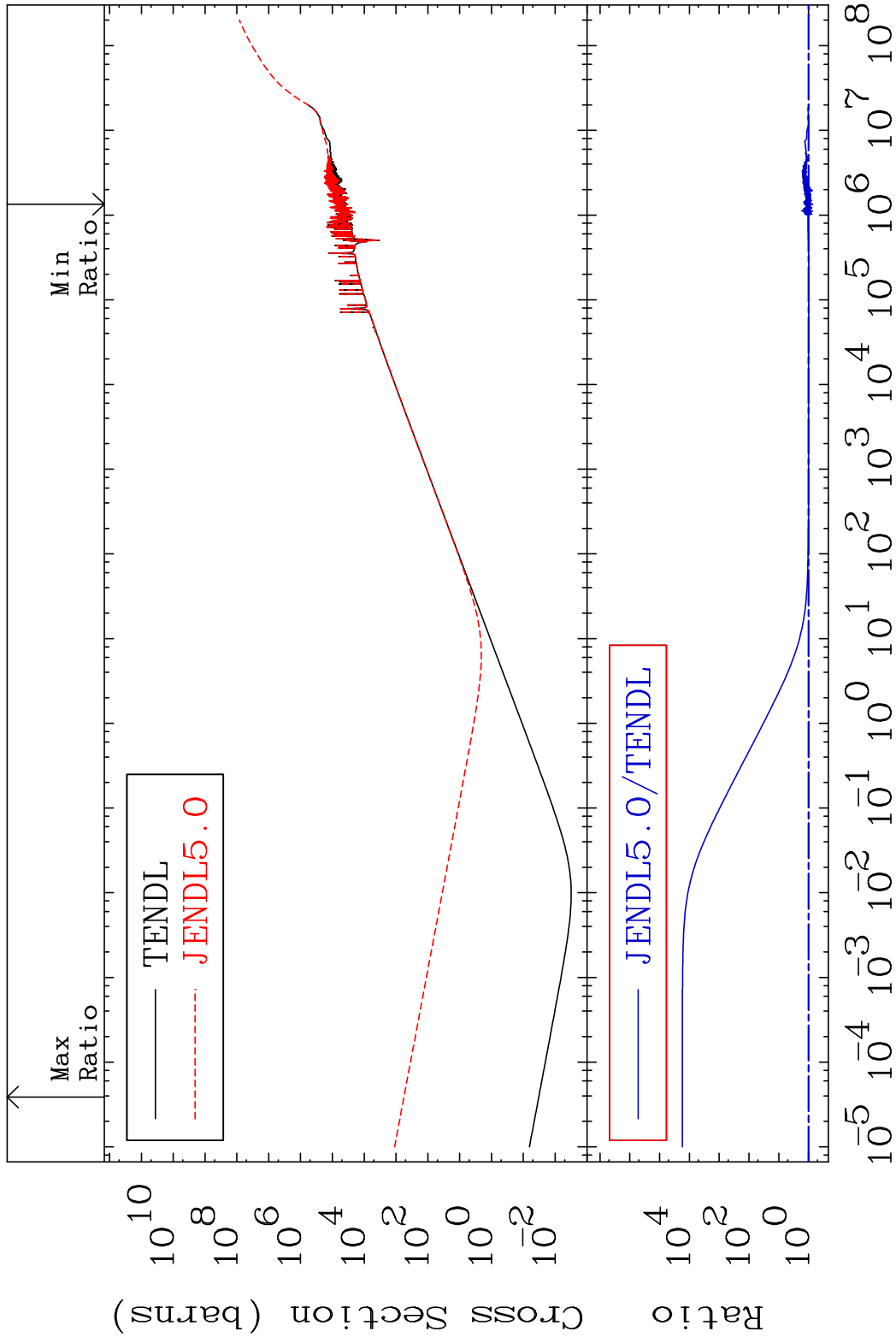


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Incident Energy (eV)

82-Pb-208

MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -26.68 To 9999. %

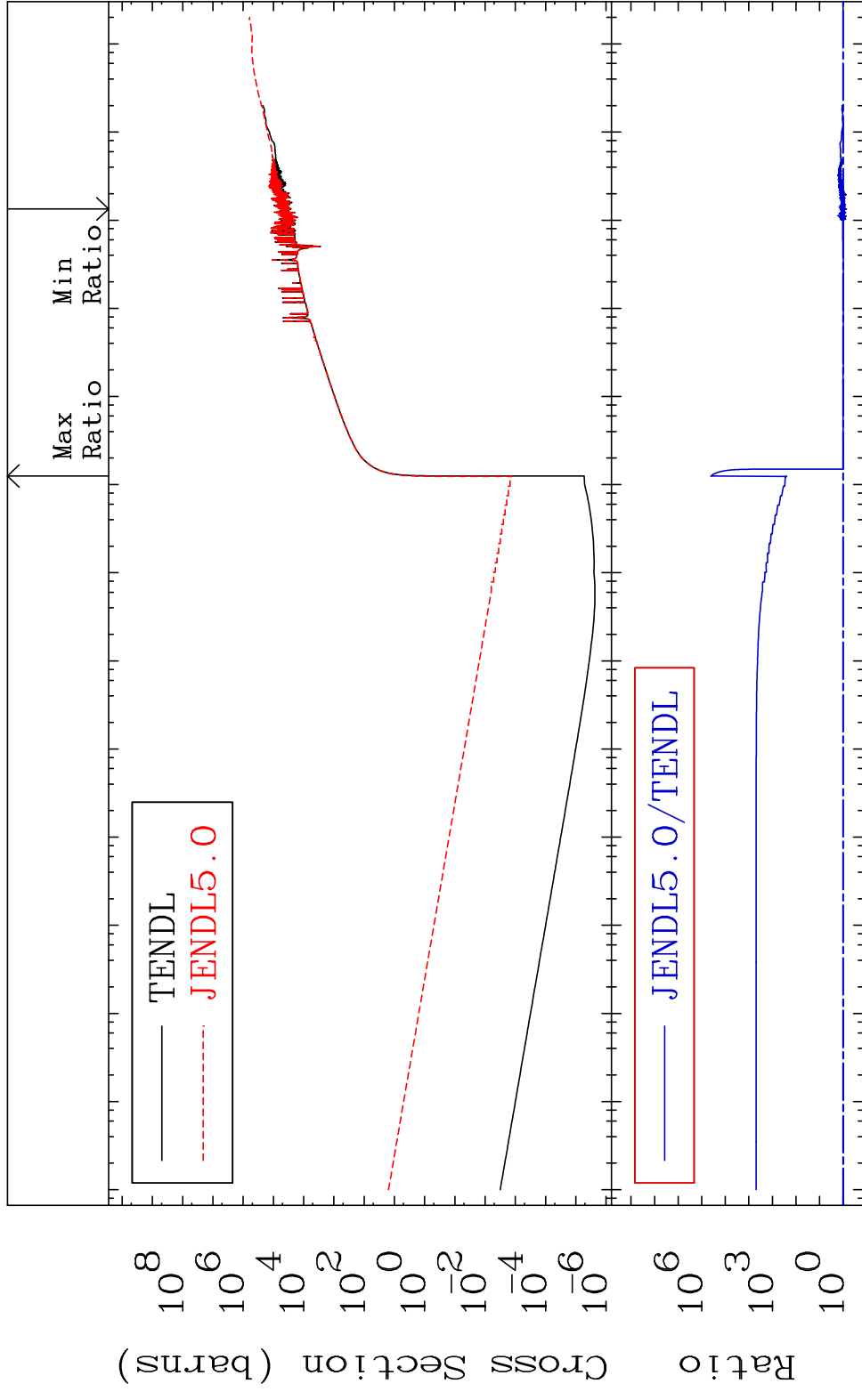


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -26.78 To 9999. %



39

Incident Energy (eV)

82-Pb-208

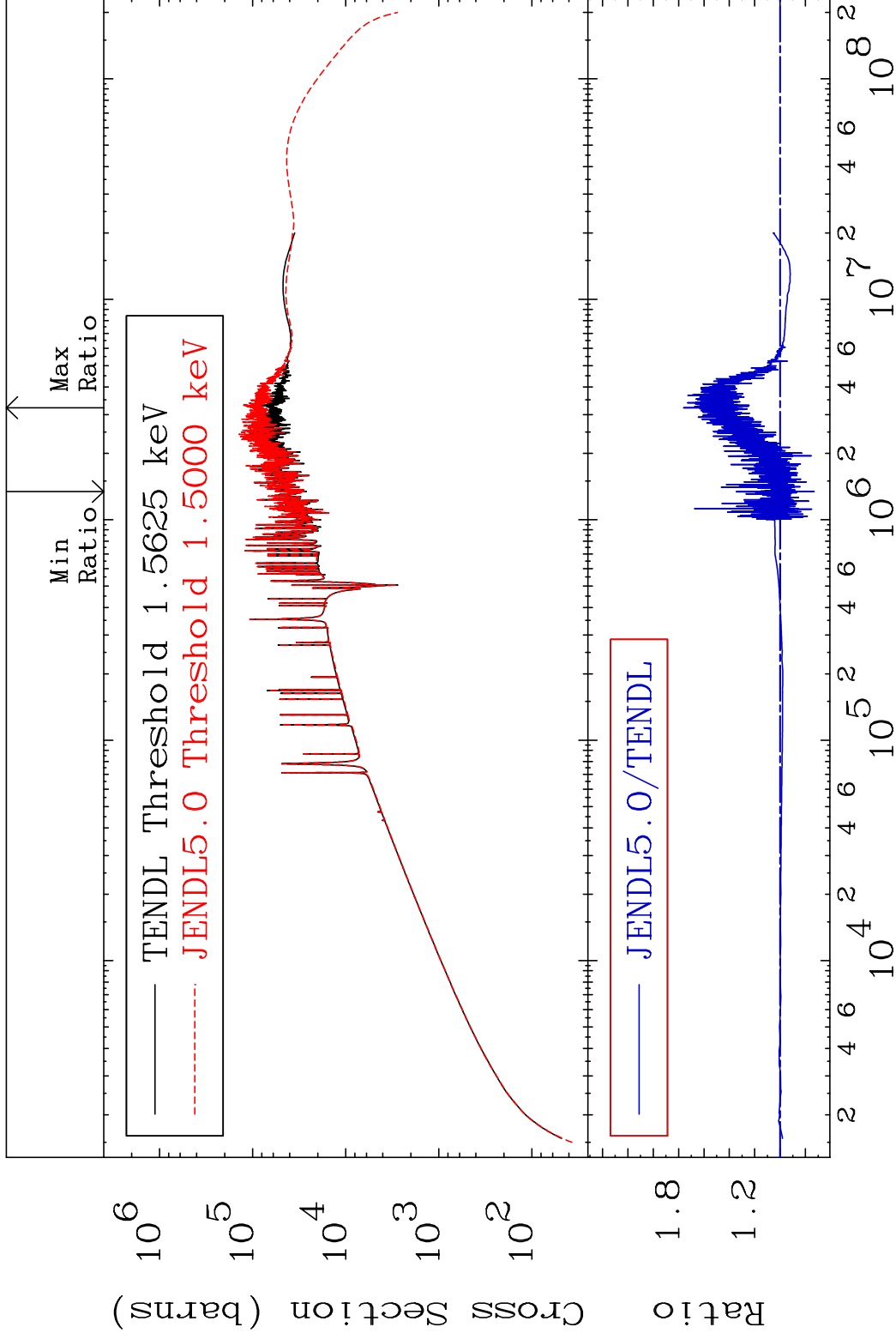
MAT 8237

Dpa elastic (mt2)

82-Pb-208

Cross Section

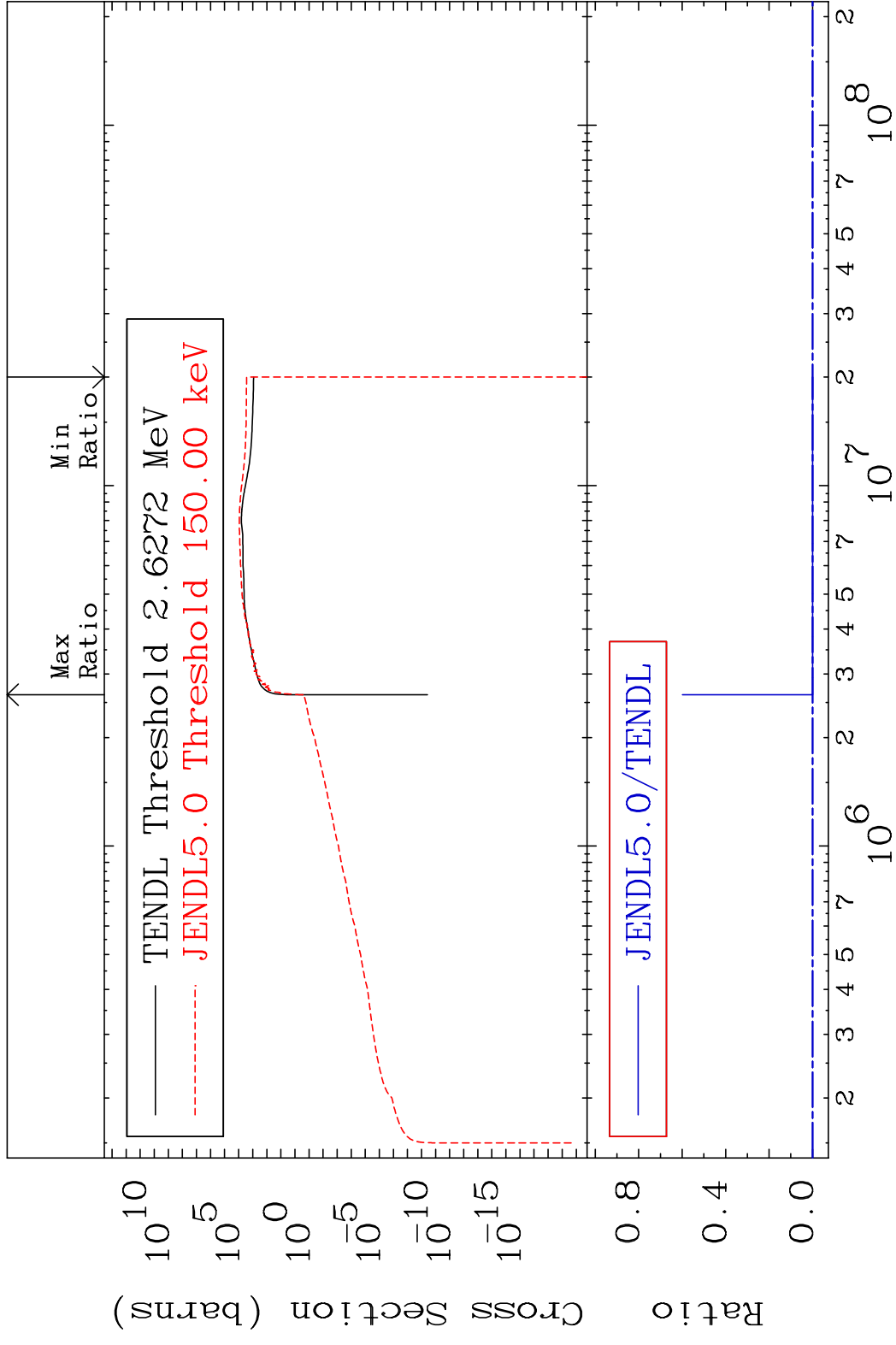
-26.78 To 76.18 %



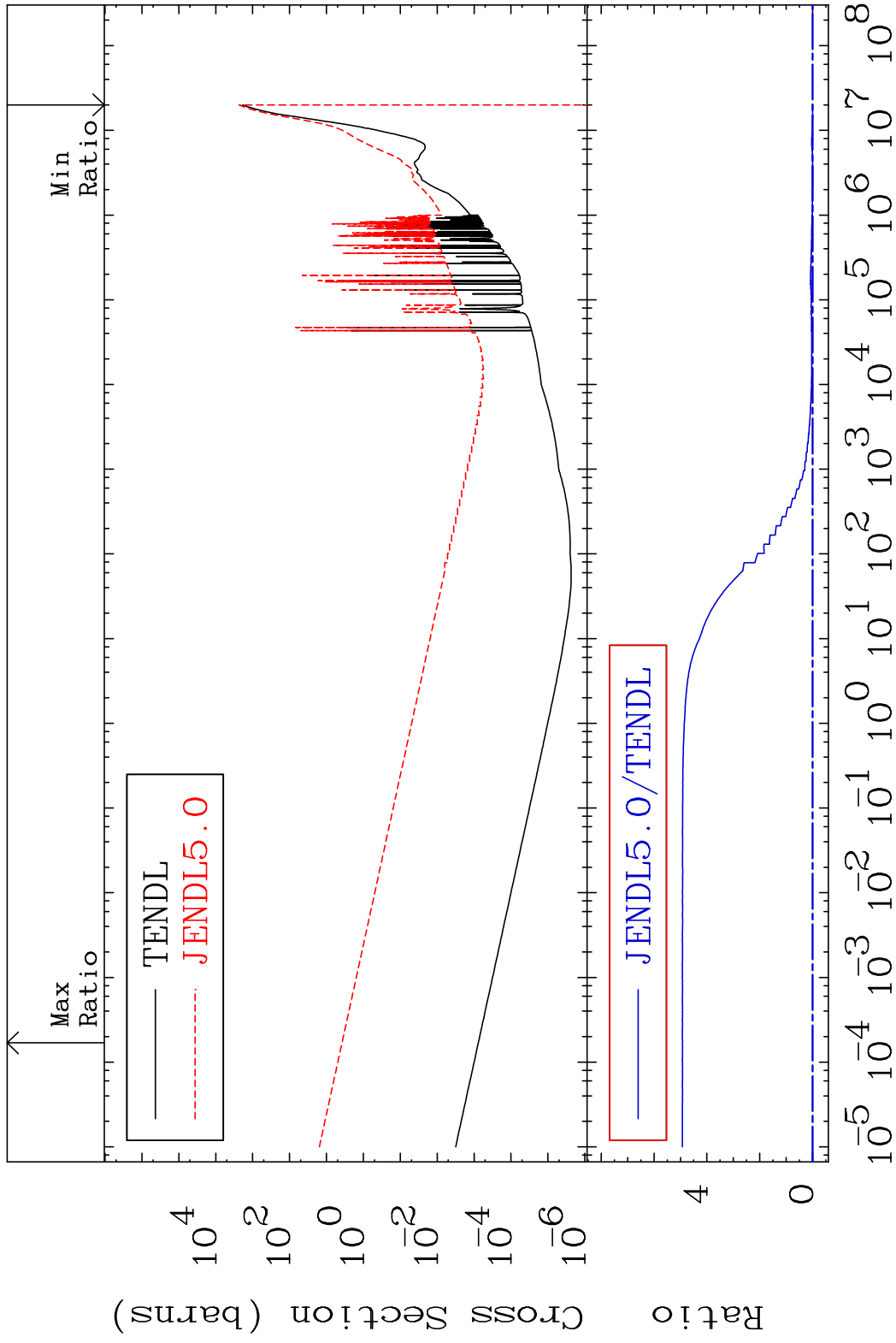
40

Incident Energy (eV)

82-Pb-208



MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -100.0 To 9999. %

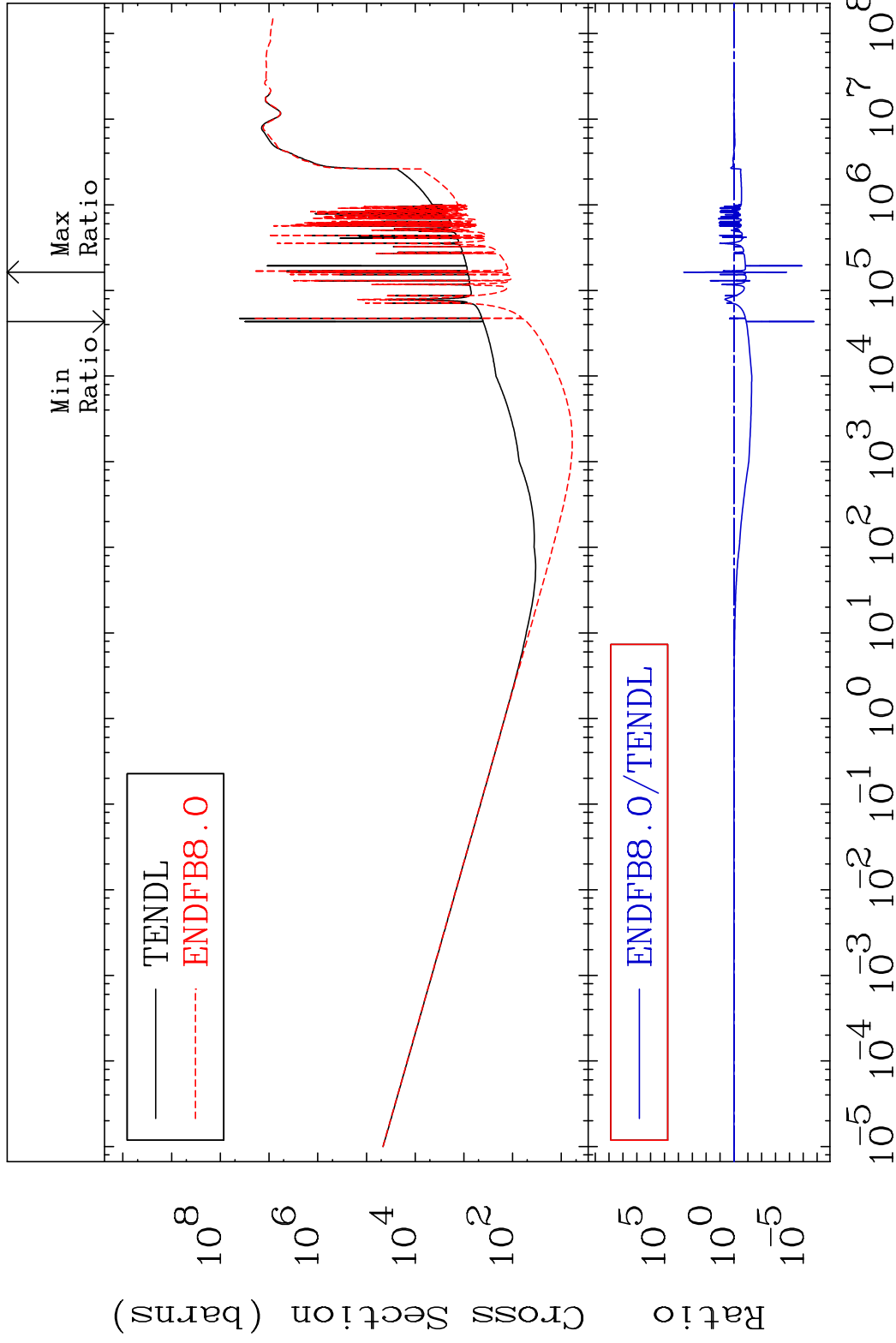


MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -100.0 To 9999. %

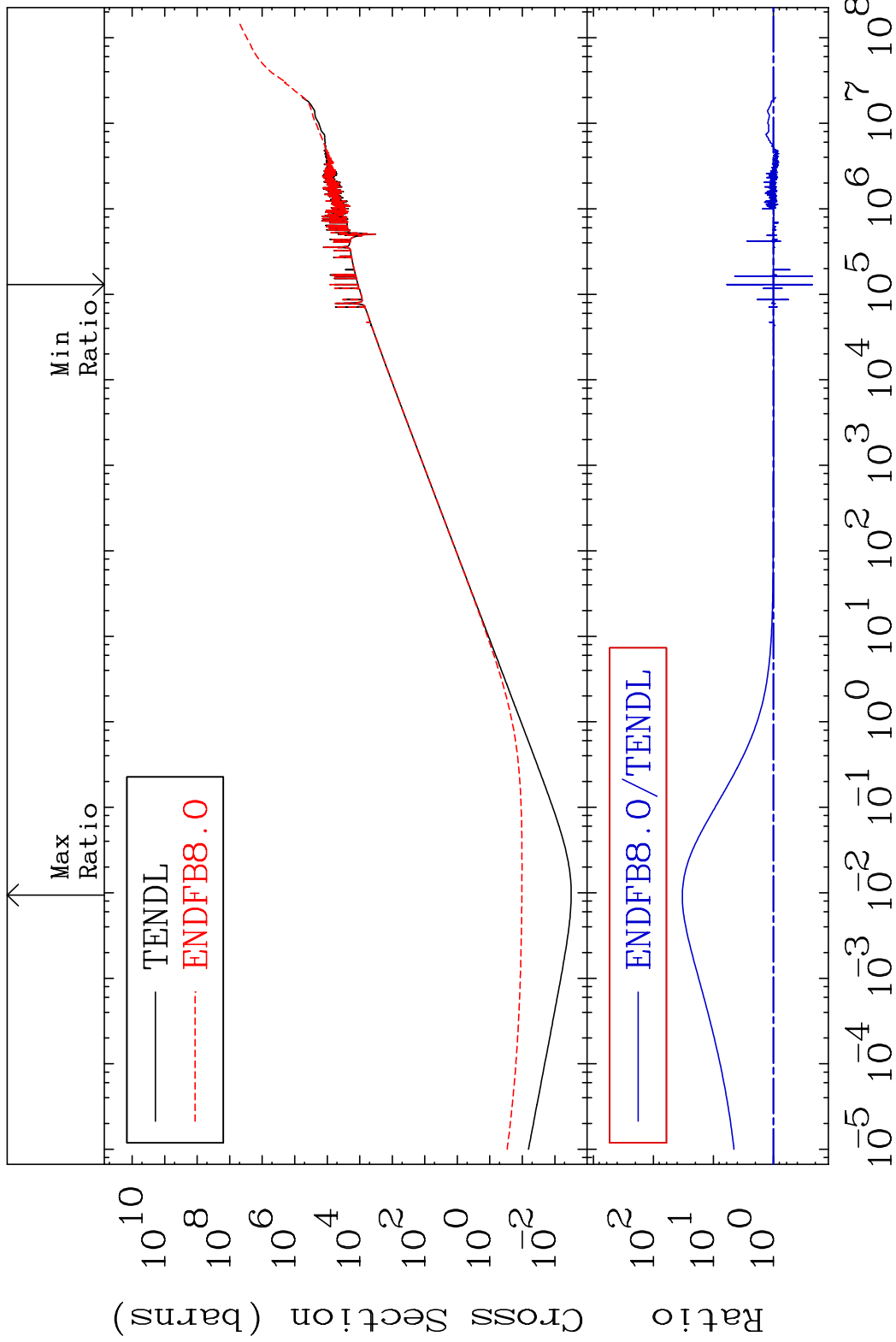


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Incident Energy (eV)

82-Pb-208

MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -77.75 To 3189. %

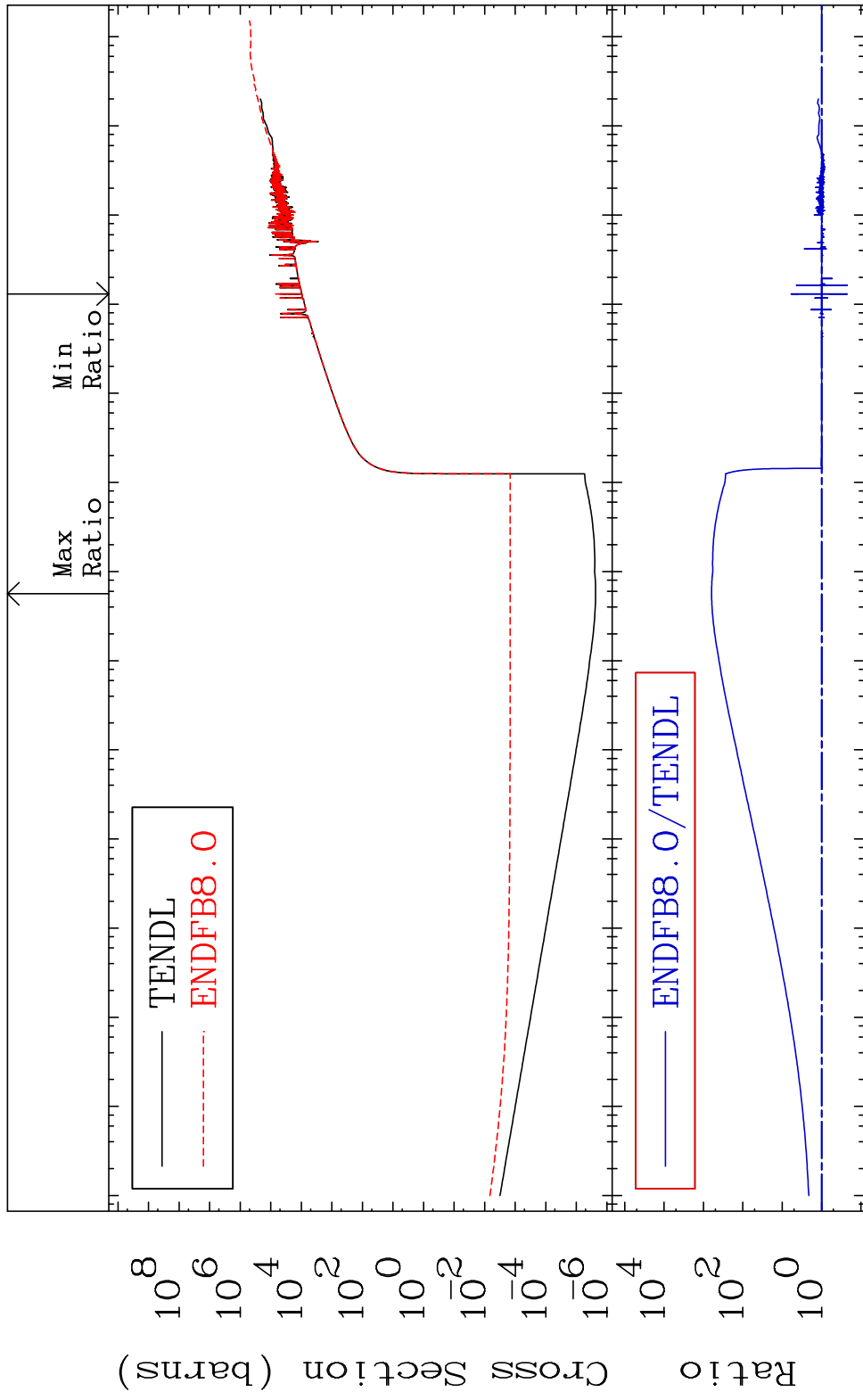


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -77.77 To 9999. %



45

Incident Energy (eV)

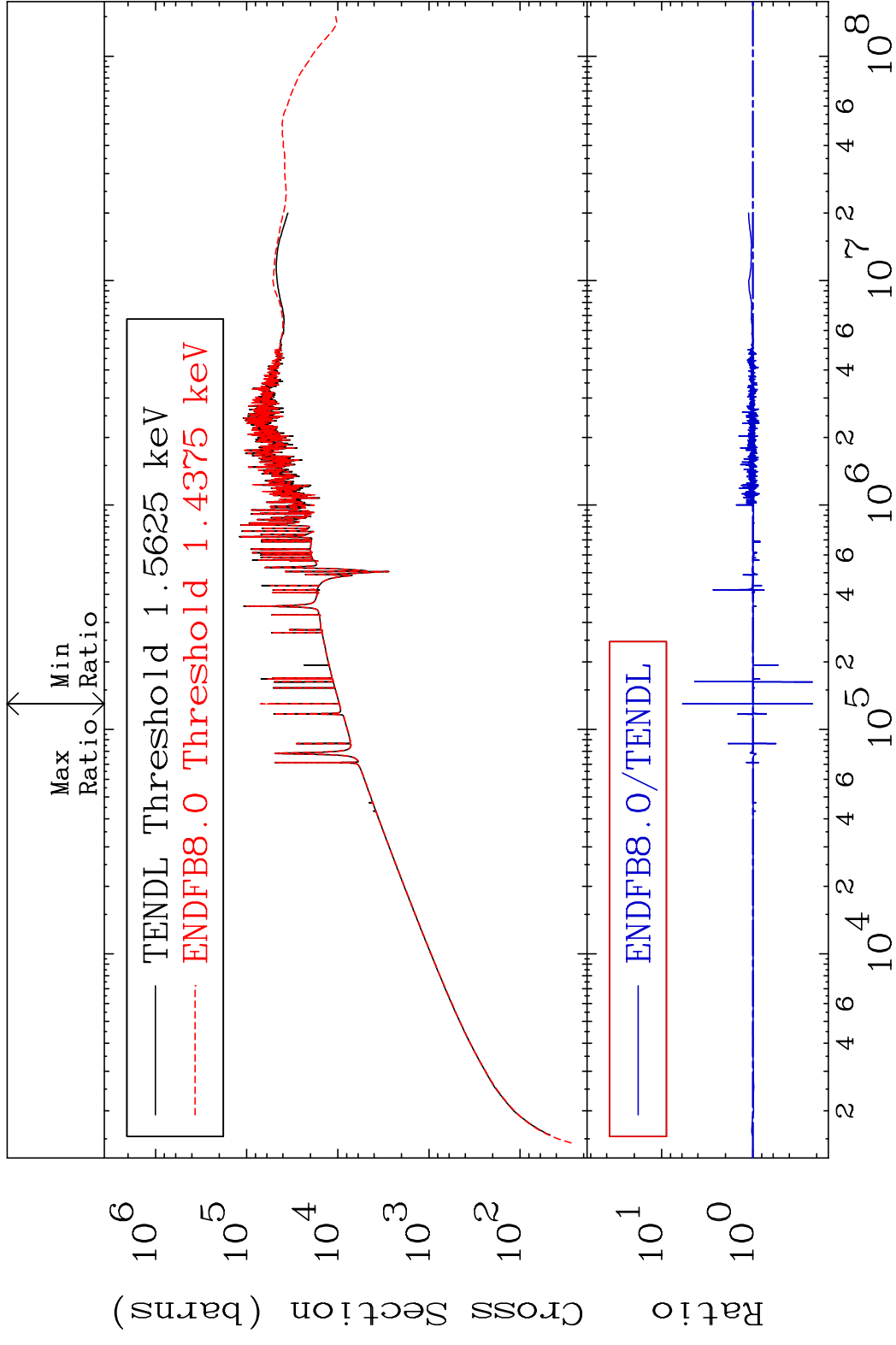
82-Pb-208

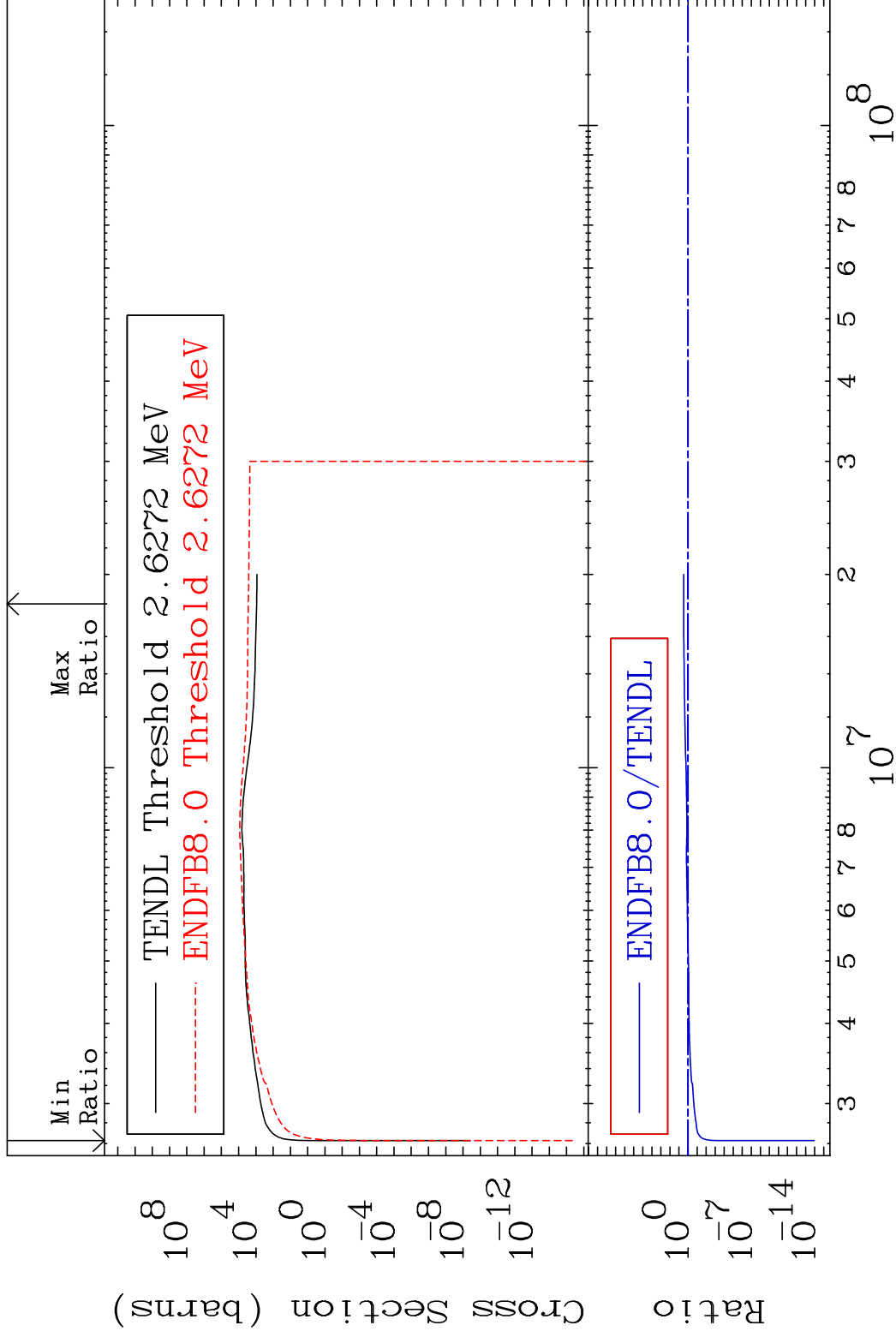
MAT 8237

Dpa elastic (mt2)

82-Pb-208

Cross Section -77.77 To 493.7 %





MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -99.92 To 9999. %

