

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

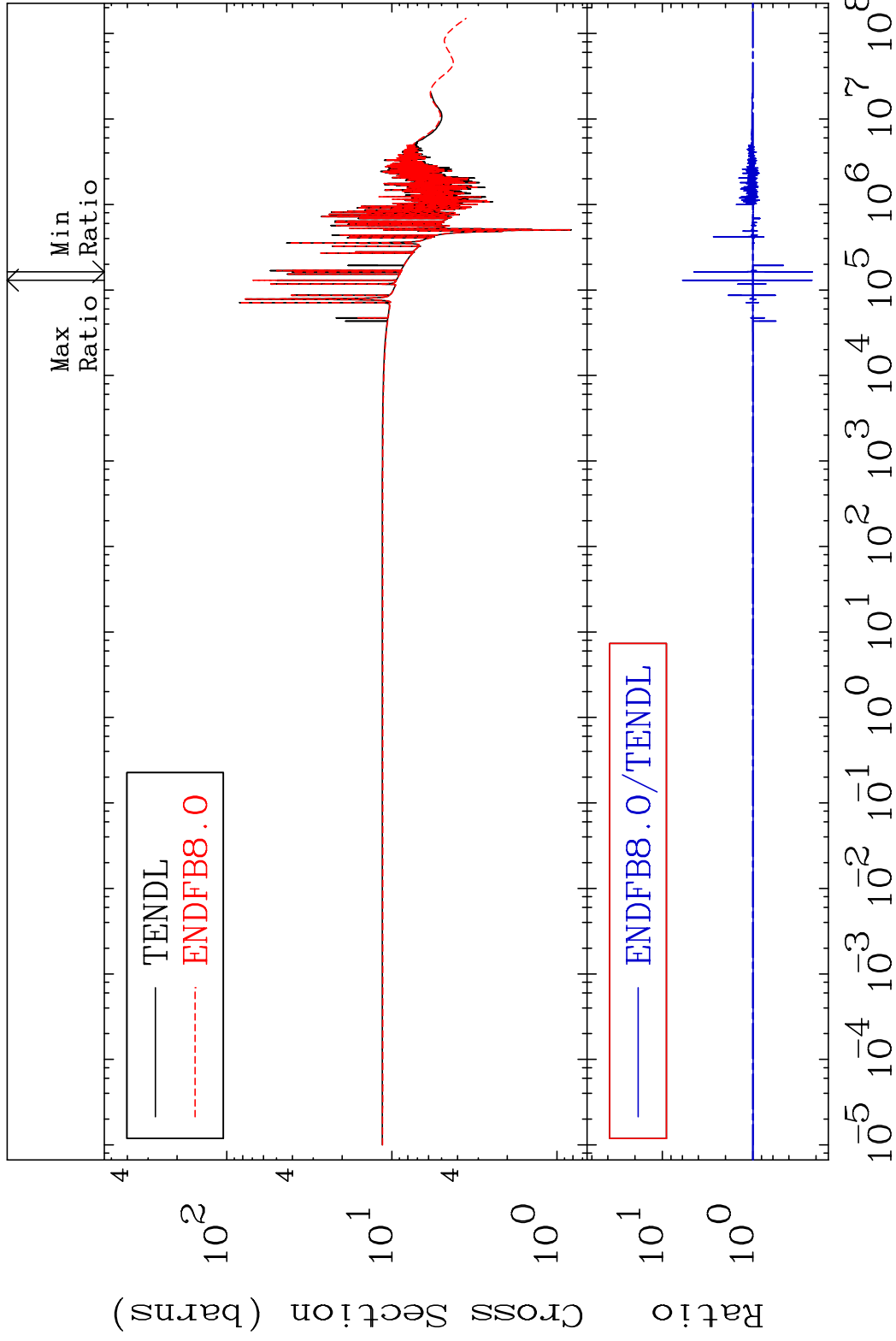
MAT 8237

Total

82-Pb-208

Cross Section

-78.12 To 499.6 %



1

Incident Energy (eV)

82-Pb-208

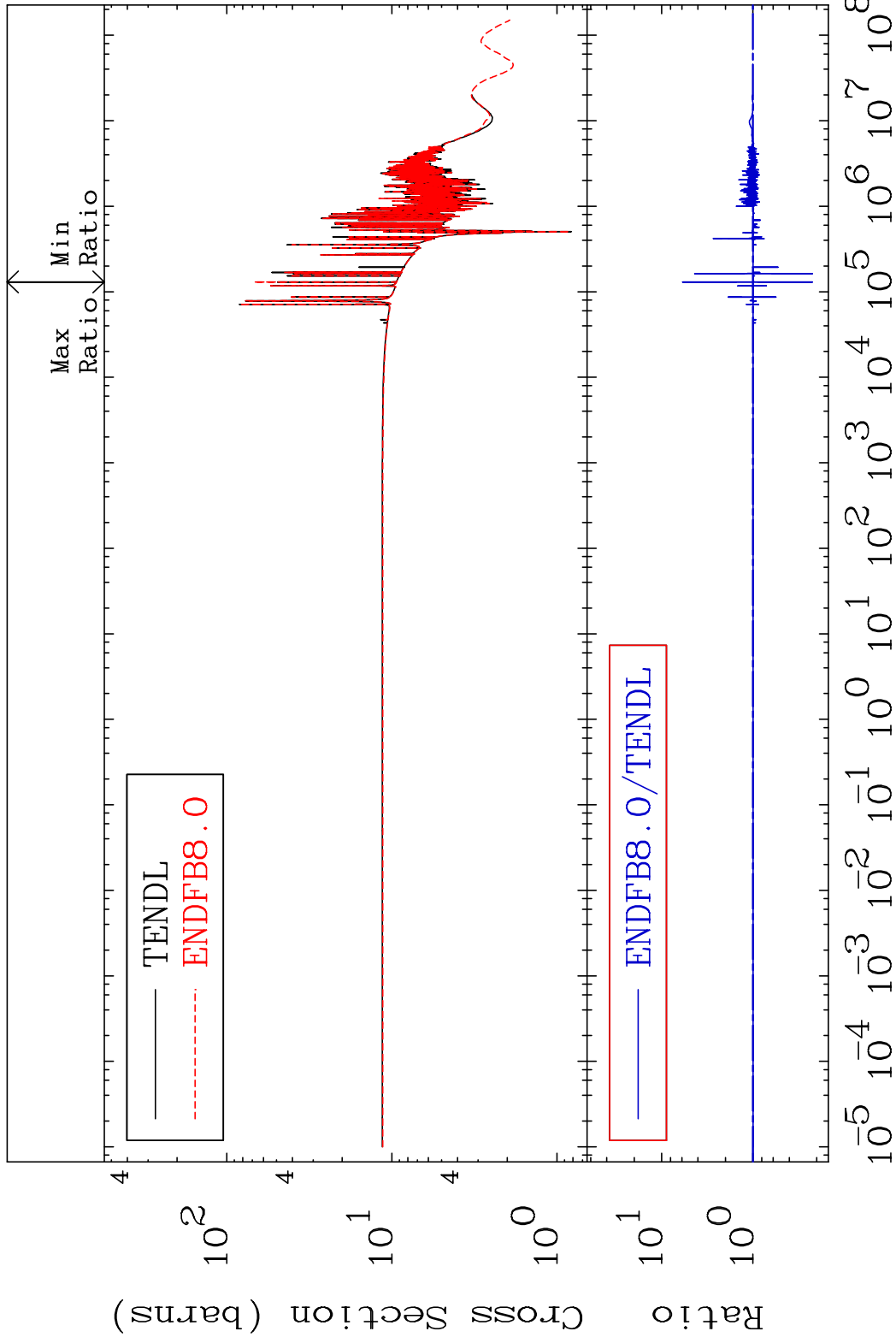
MAT 8237

Elastic

82-Pb-208

Cross Section

-77.77 To 493.7 %

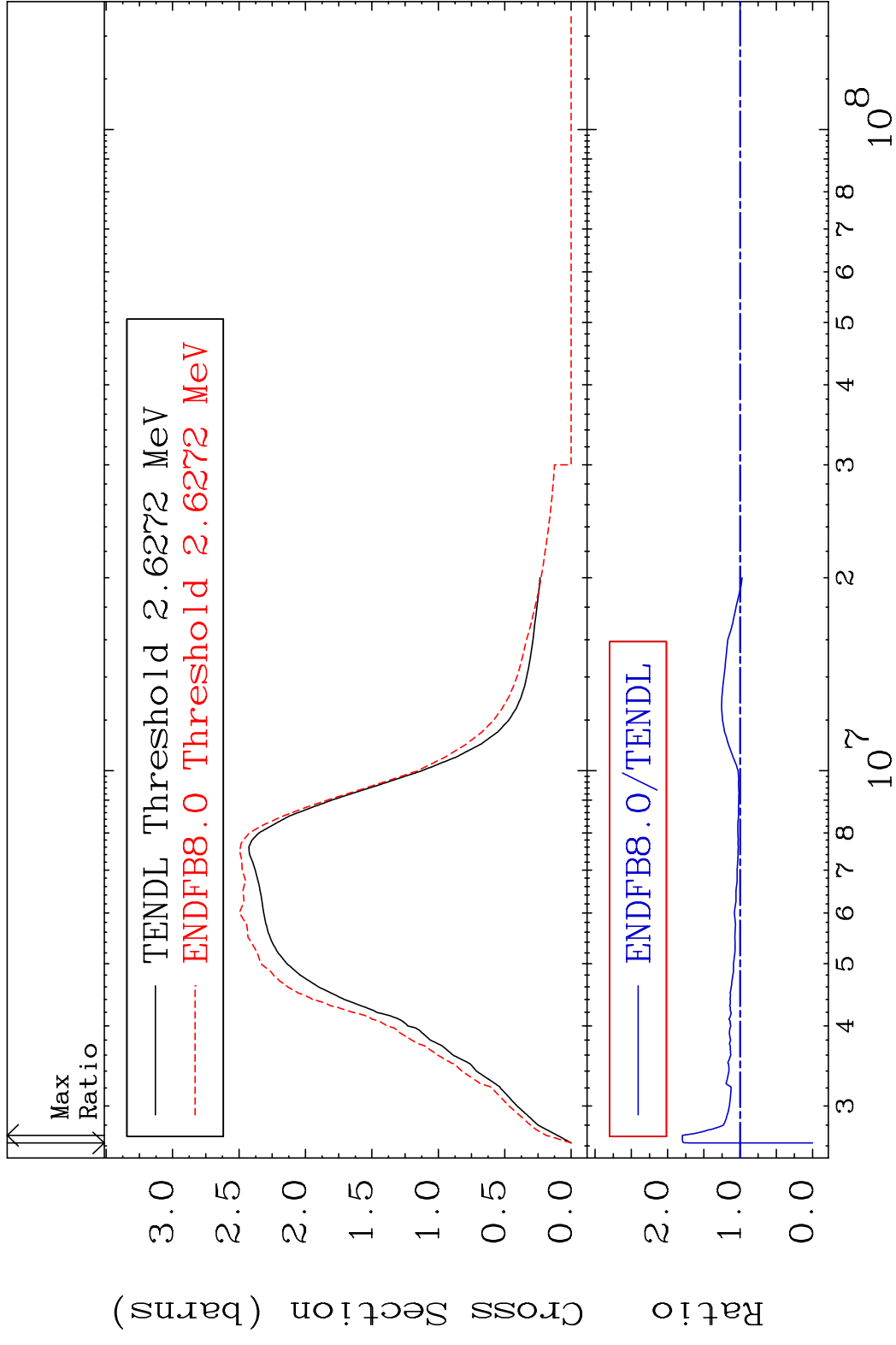


2

Incident Energy (eV)

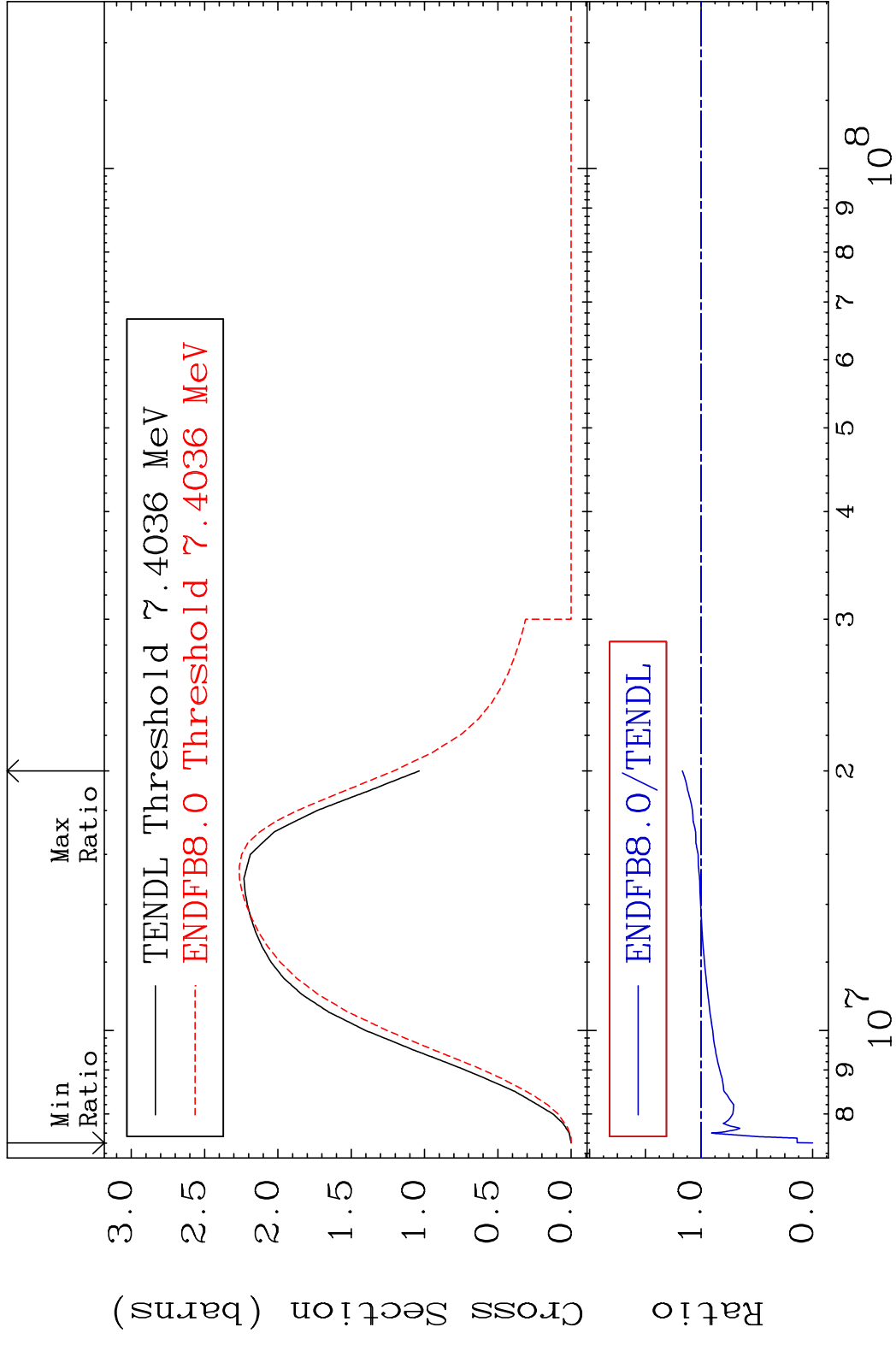
82-Pb-208

MAT 8237 Inelastic 82-Pb-208
 Cross Section -100.0 To 79.66 %



3 Incident Energy (eV) 82-Pb-208

MAT 8237 (n,2n) 82-Pb-208
 Cross Section -100.0 To 16.80 %



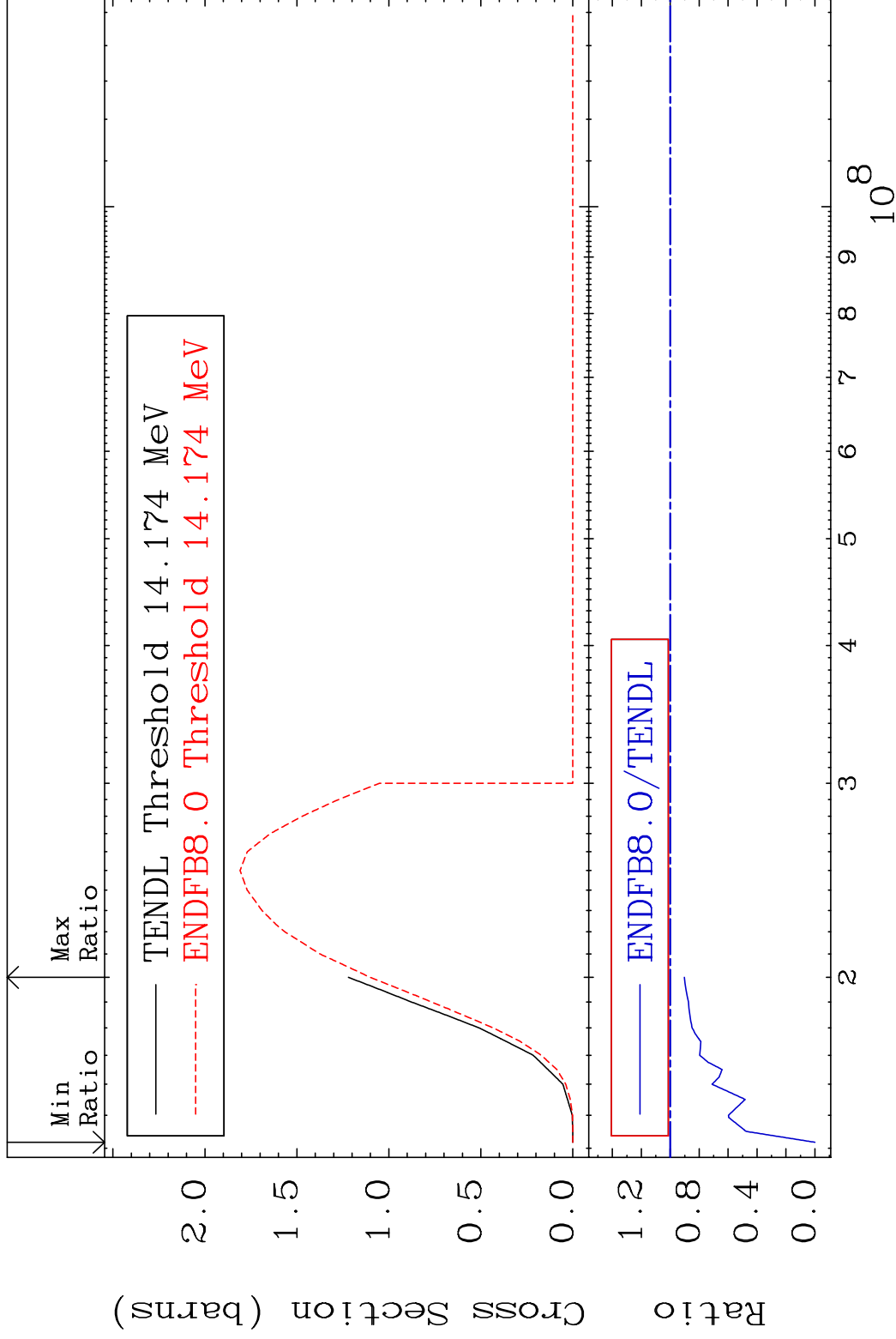
4 Incident Energy (eV) 82-Pb-208

MAT 8237

(n,3n)

82-Pb-208

Cross Section -100.0 To -9.718%



5

Incident Energy (eV)

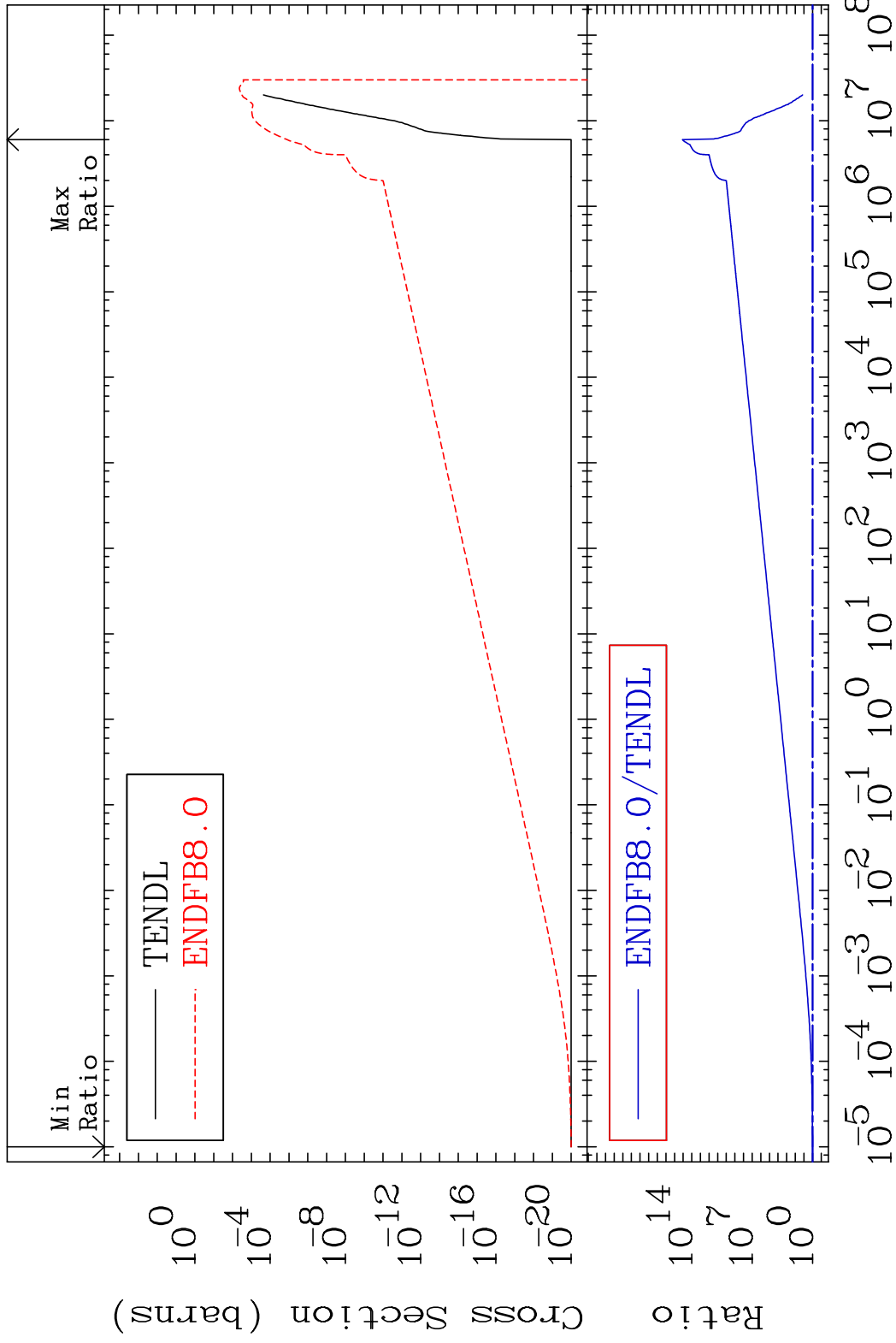
82-Pb-208

MAT 8237

(n, n') α

82-Pb-208

Cross Section 0.000 To 9999. %

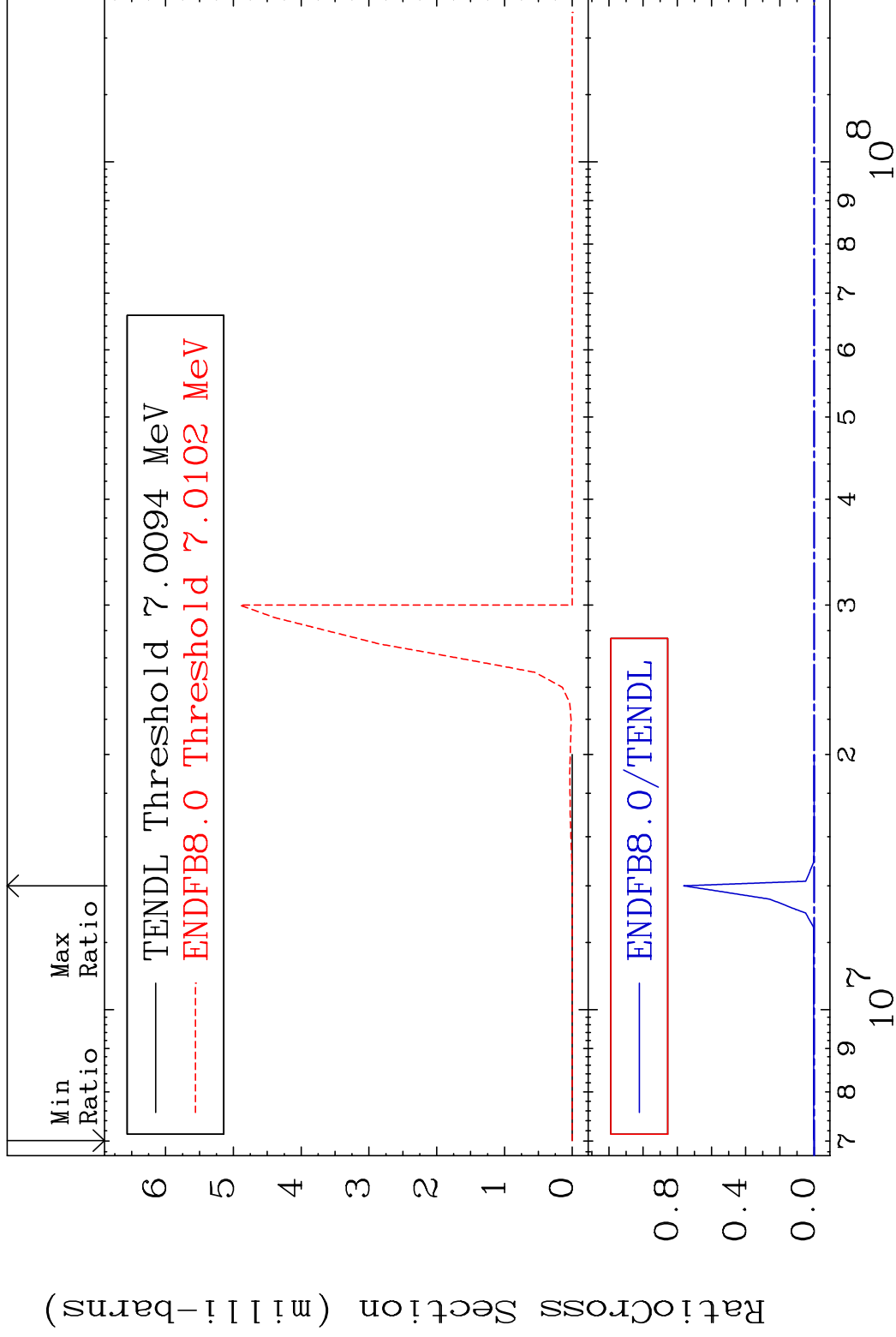


MAT 8237

(n,2n) α

82-Pb-208

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

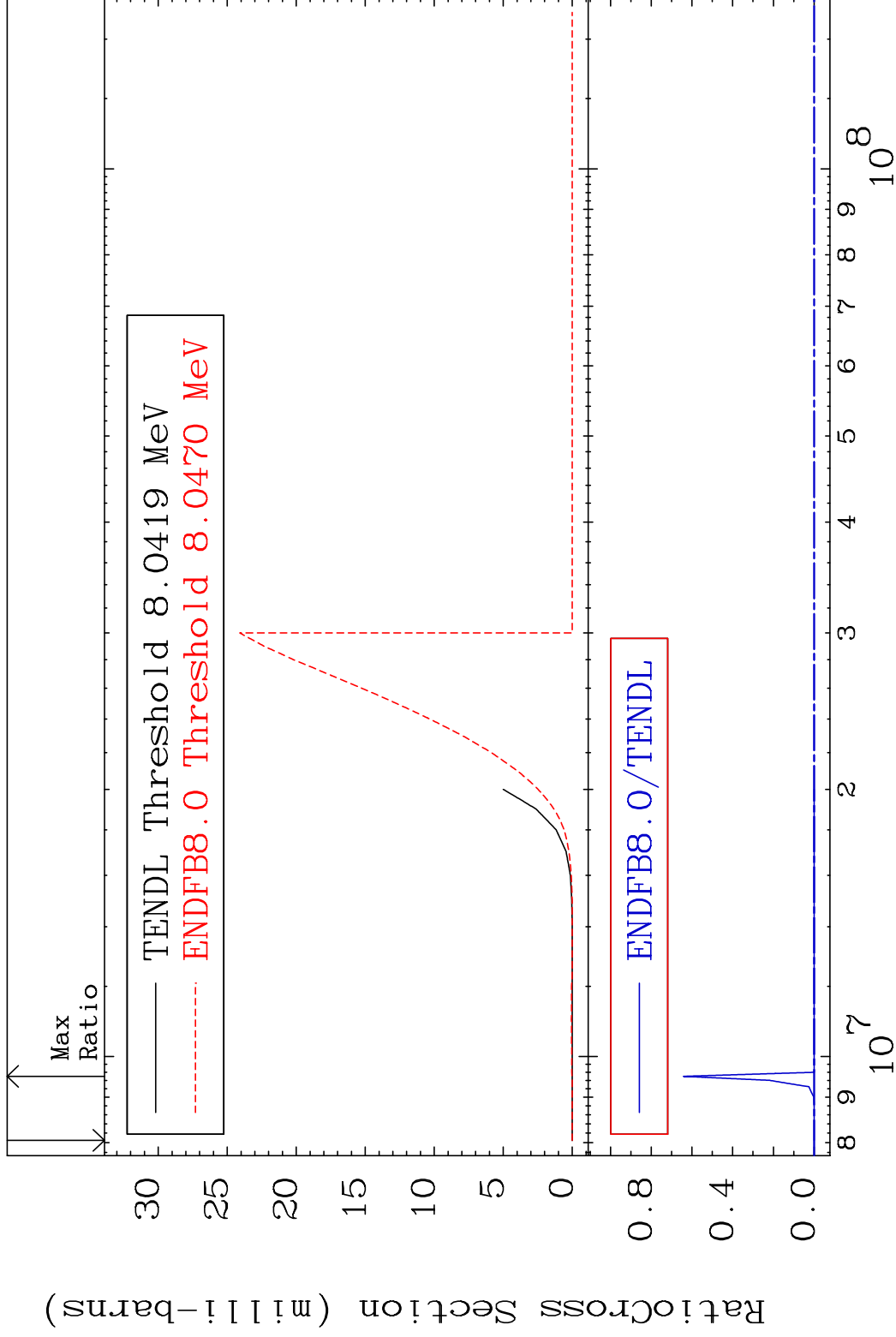
82-Pb-208

MAT 8237

(n, n') p

82-Pb-208

Cross Section -100.0 To 9999. %

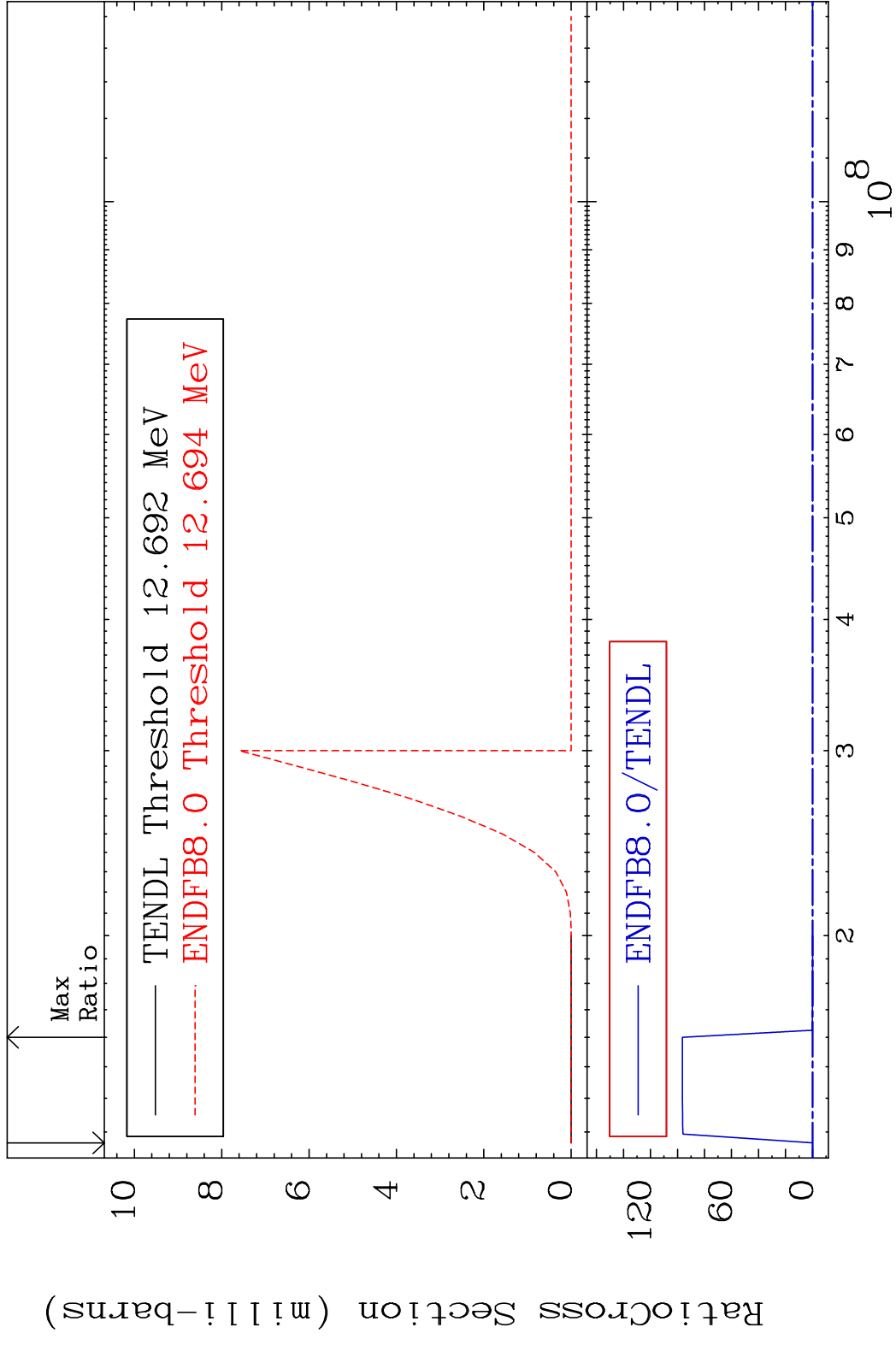


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Incident Energy (eV)

82-Pb-208

MAT 8237 (n, n') d 82-Pb-208
 Cross Section -100.0 To 9999. %

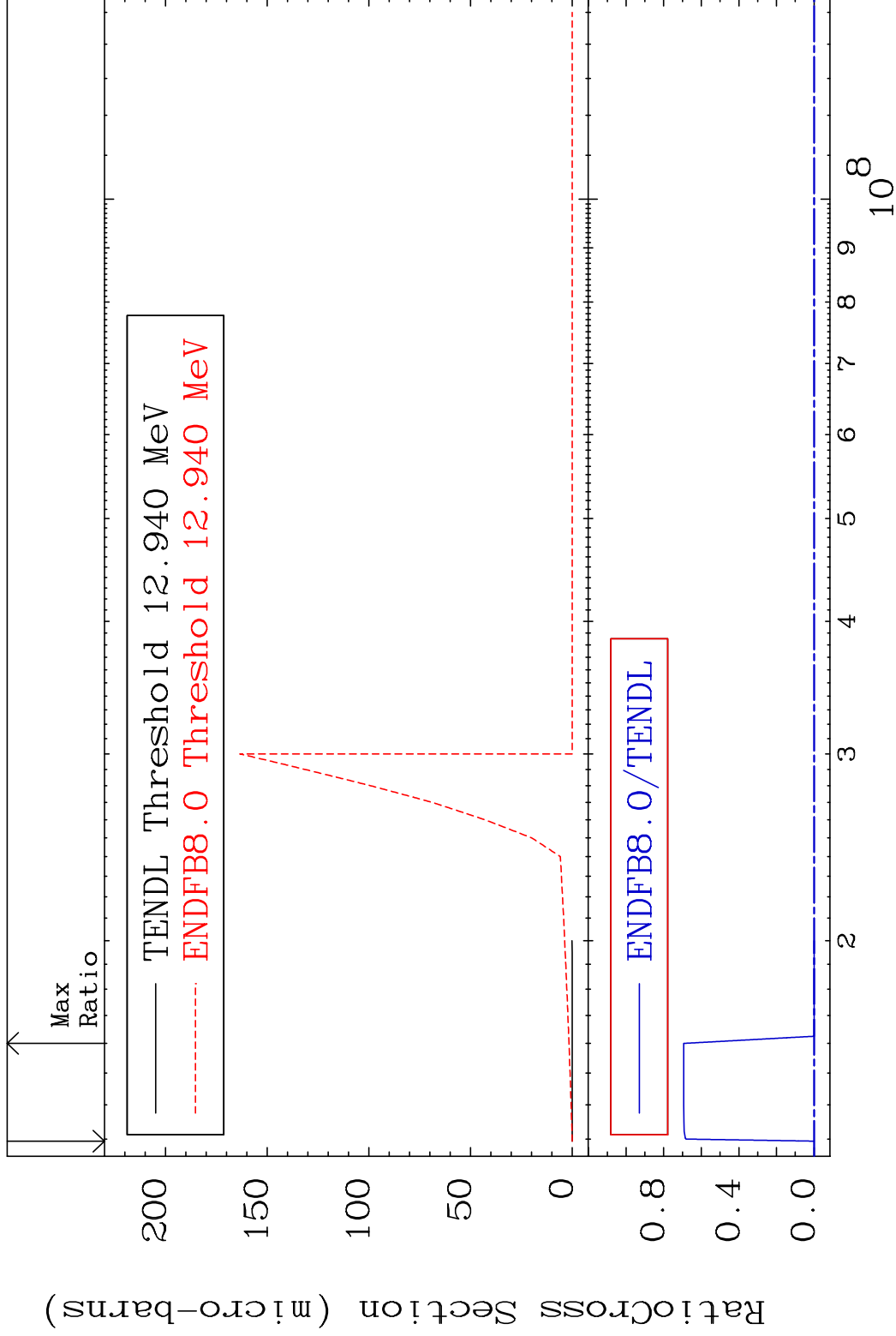


MAT 8237

(n, n') t

82-Pb-208

Cross Section -100.0 To 9999. %

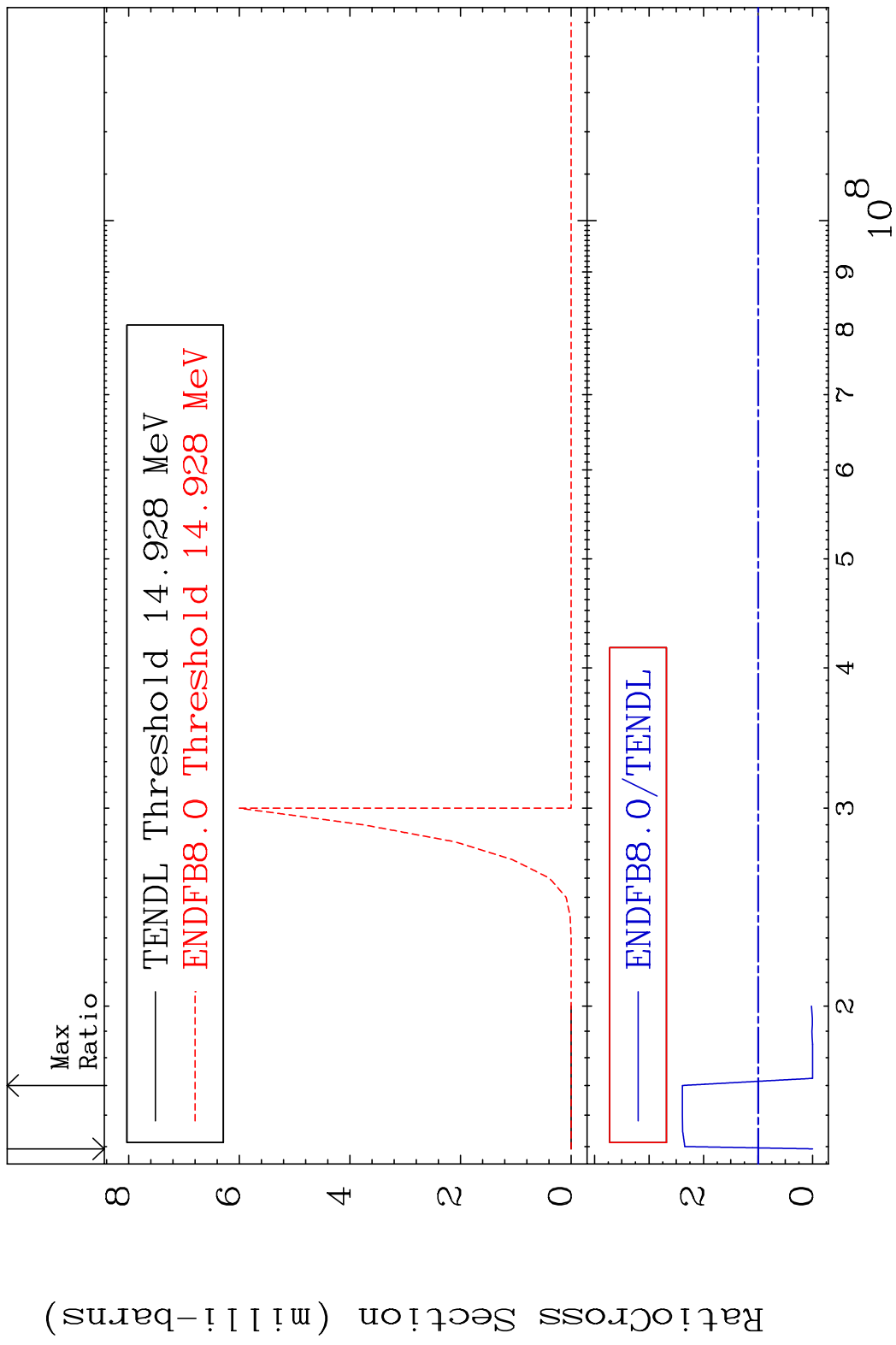


10

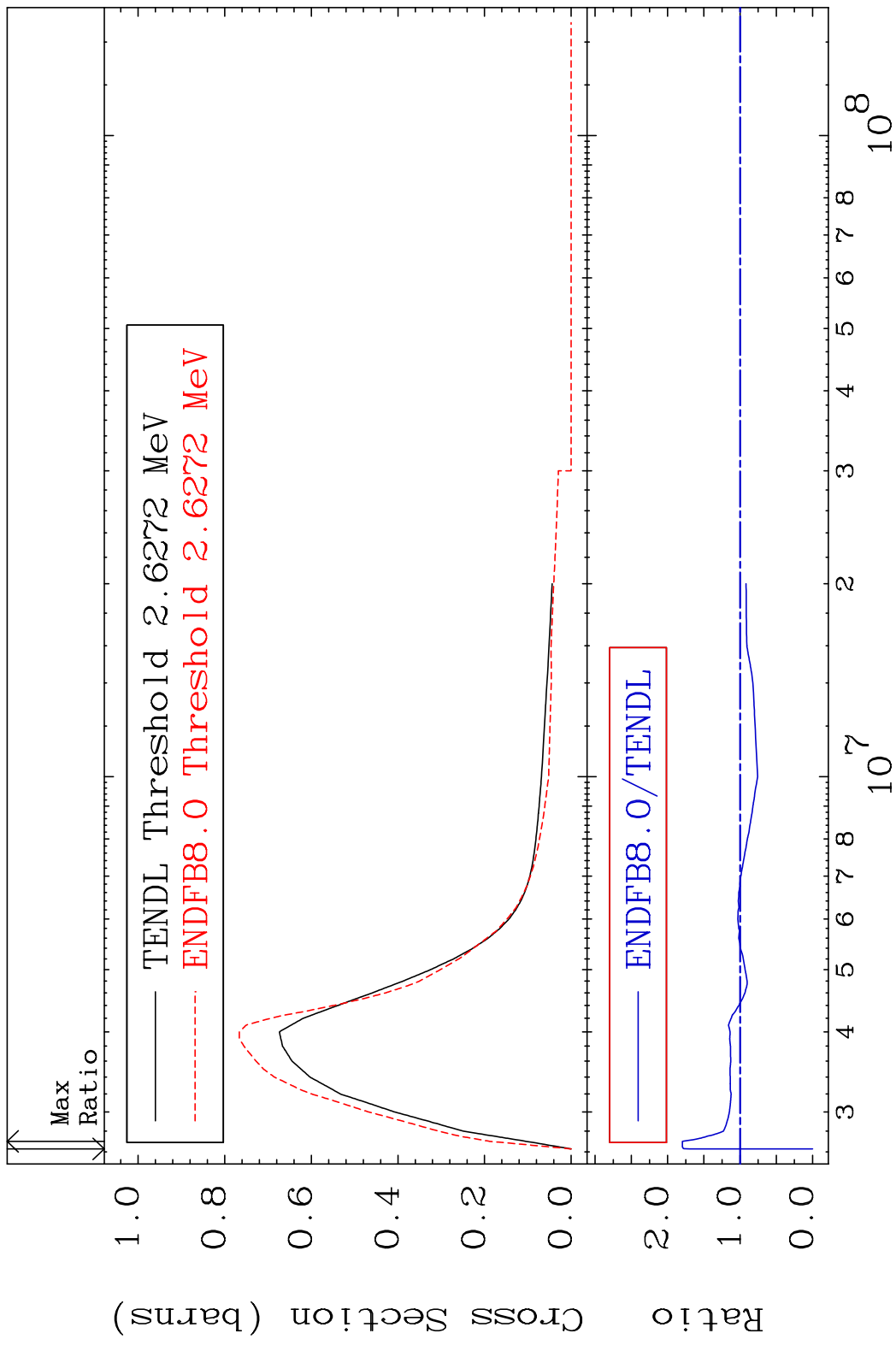
Incident Energy (eV)

82-Pb-208

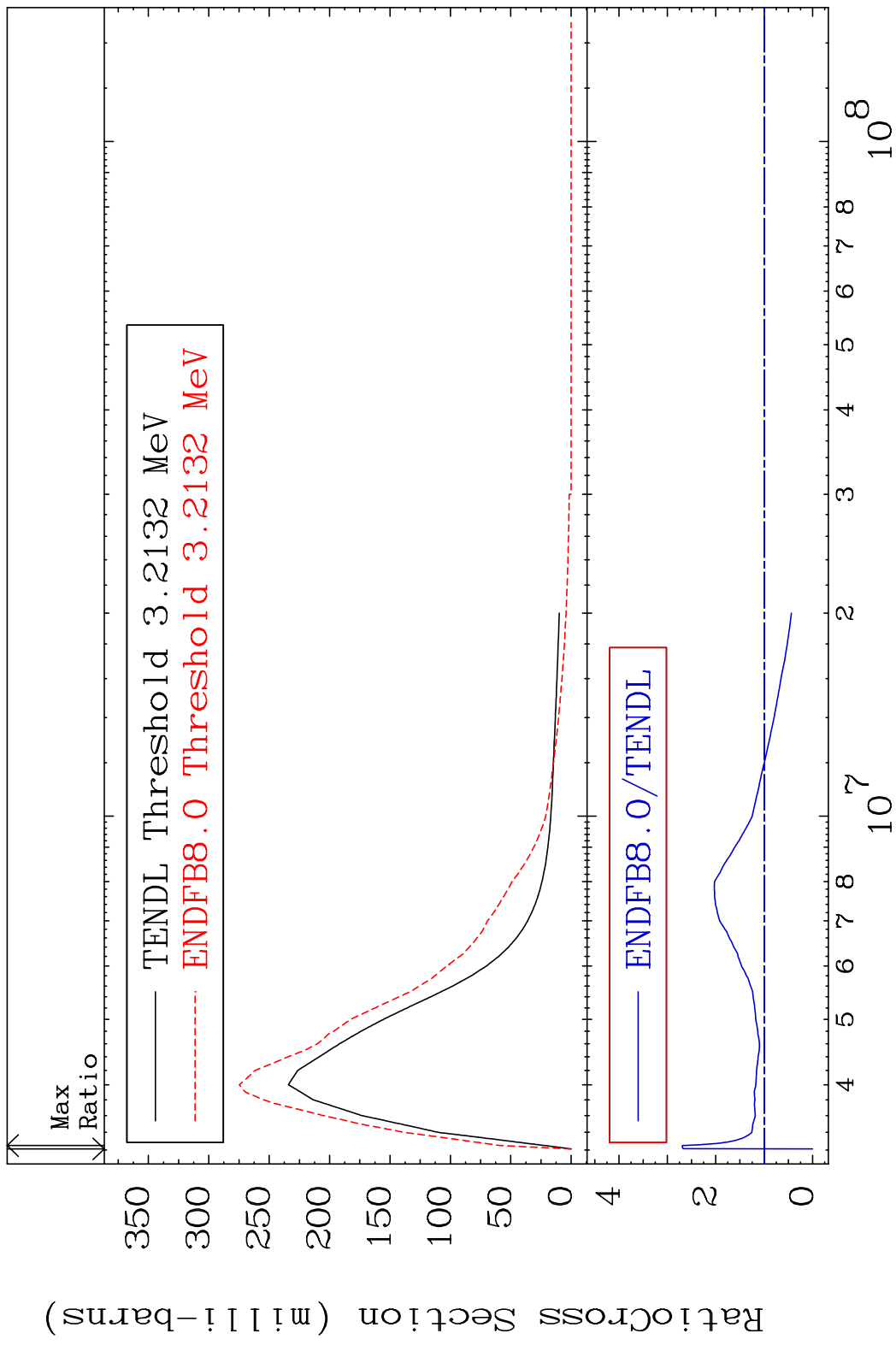
MAT 8237 (n,2n) p 82-Pb-208
 Cross Section -100.0 To 138.9 %



MAT 8237 MT= 51 (n,n') Level 82-Pb-208
 Cross Section -100.0 To 79.66 %

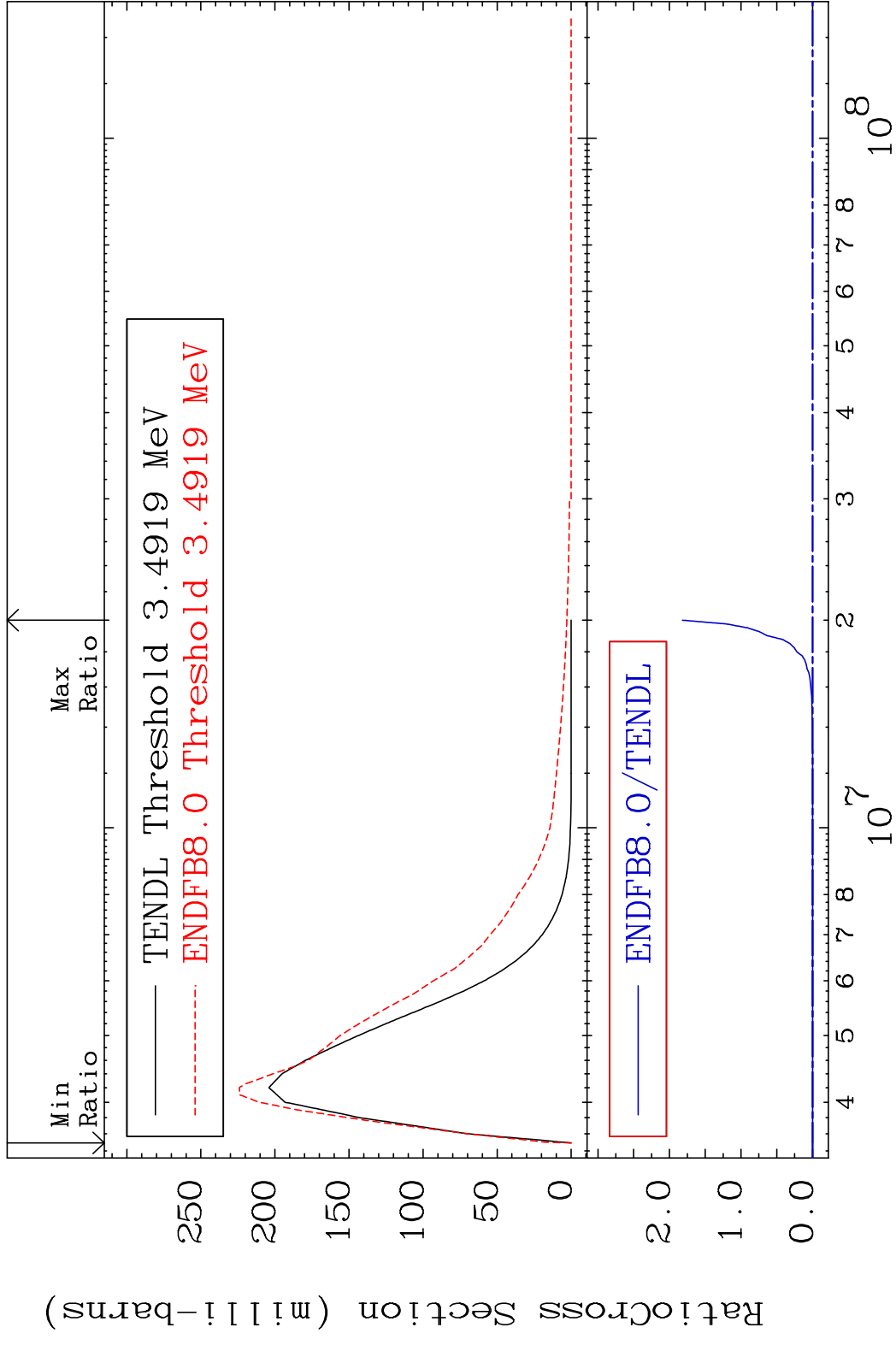


MAT 8237 MT= 52 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 169.0 %

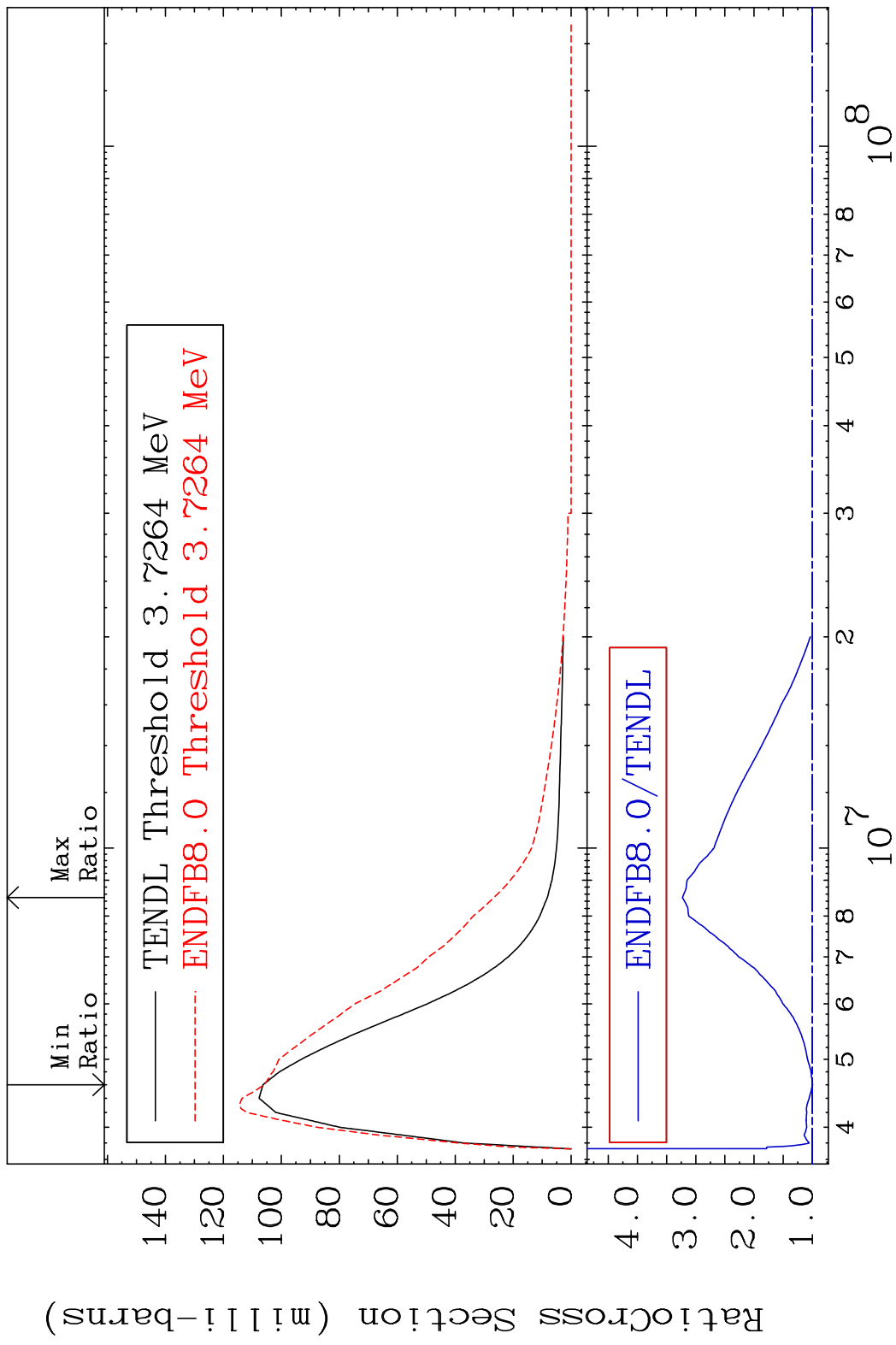


13 Incident Energy (eV) 82-Pb-208

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

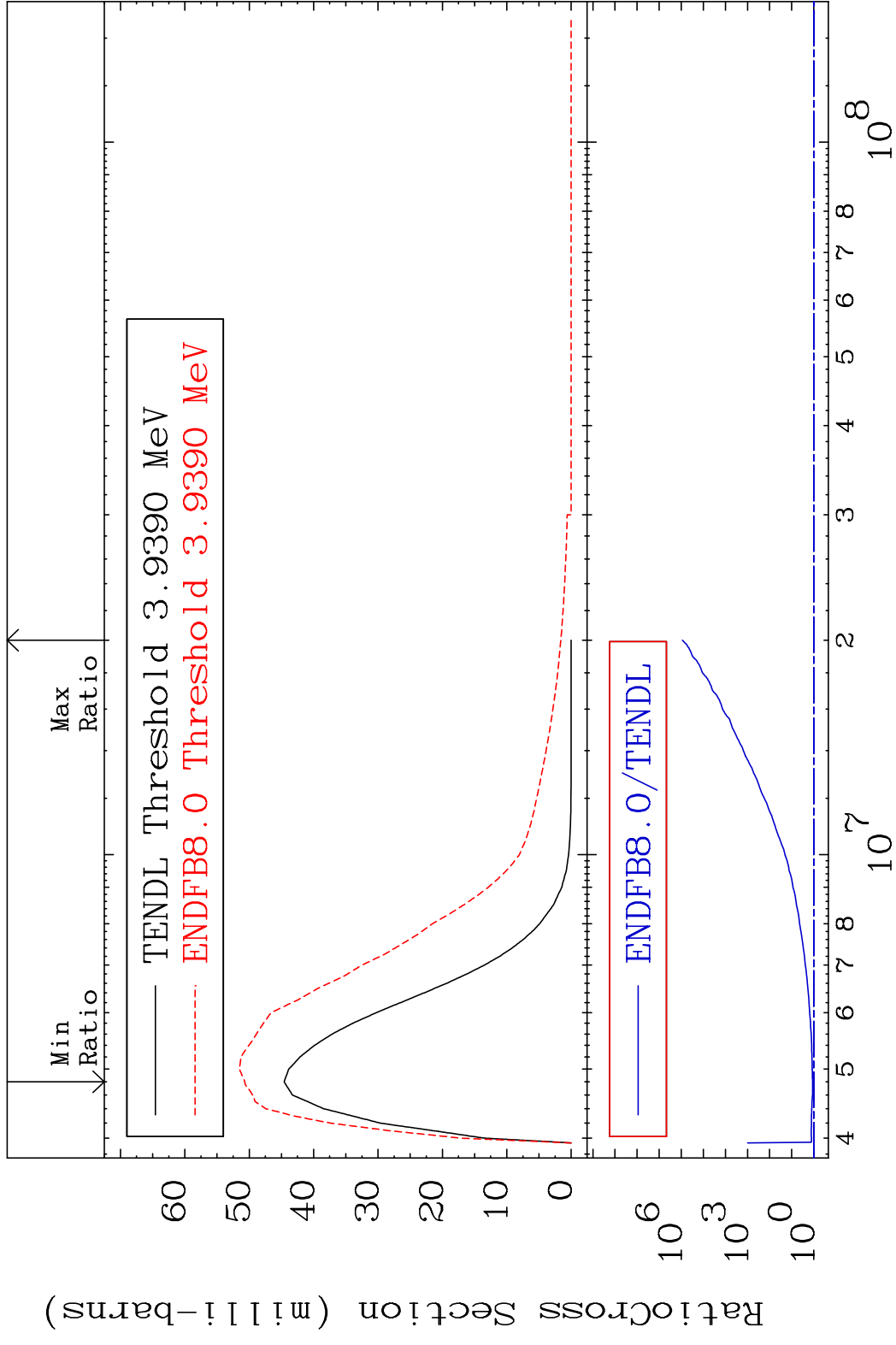


MAT 8237 MT= 54 (n,n') Level 82-Pb-208
 Cross Section -0.385 To 223.0 %

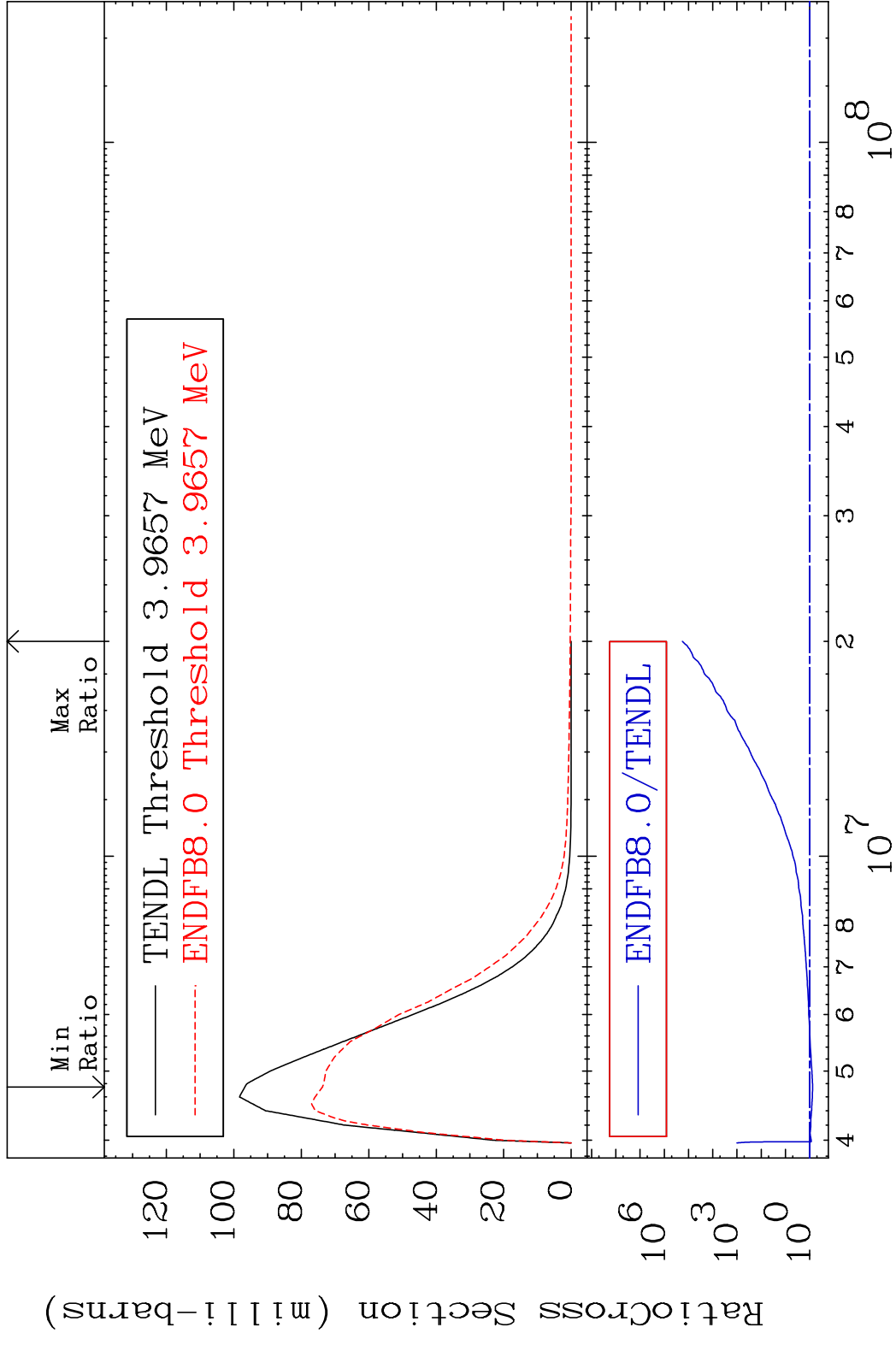


15 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 55 (n, n') Level 82-Pb-208
 Cross Section 13.65 To 9999. %



MAT 8237 MT= 56 (n,n') Level 82-Pb-208
 Cross Section -23.79 To 9999. %

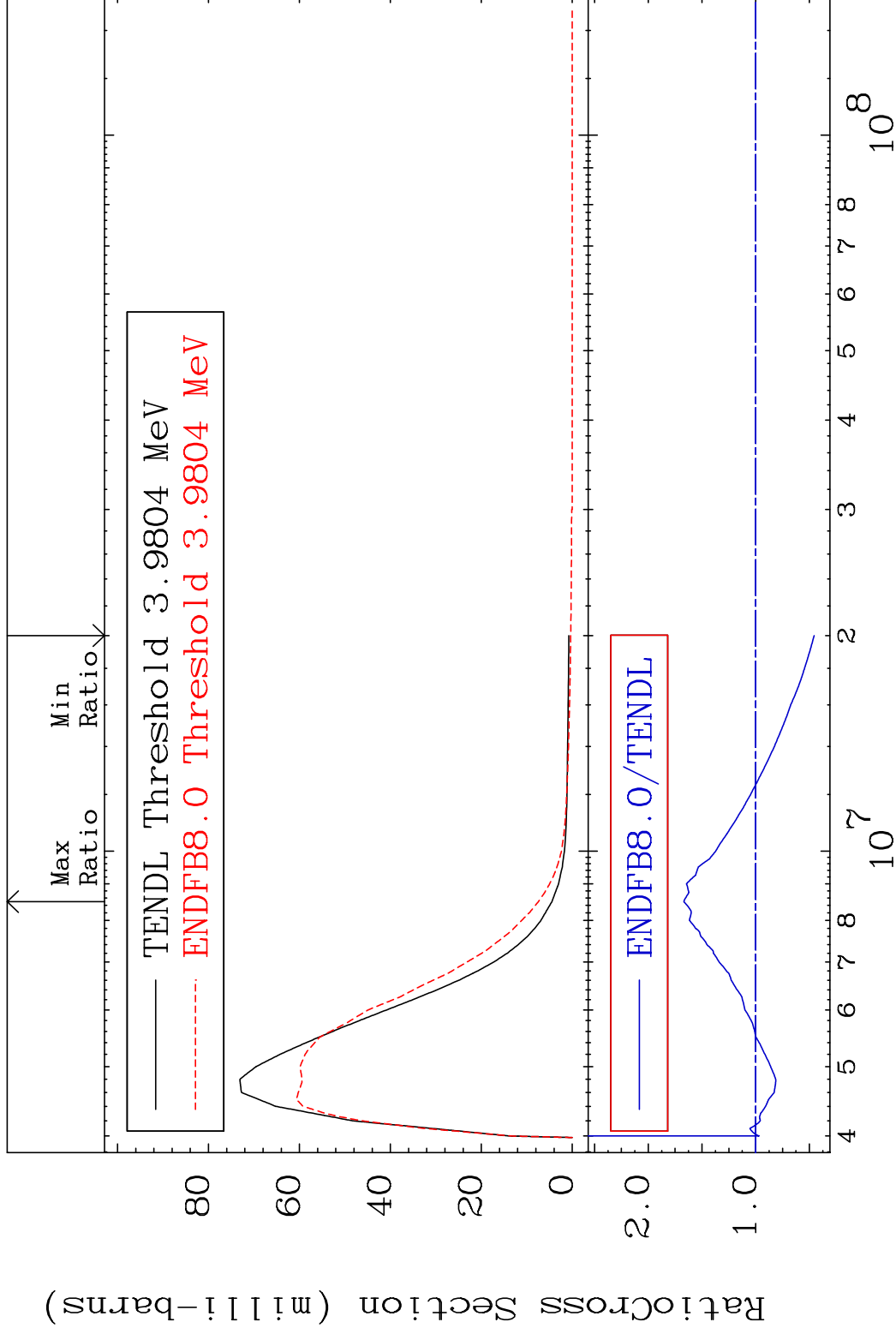


MAT 8237

MT= 57 (n,n') Level

82-Pb-208

Cross Section -54.37 To 67.06 %

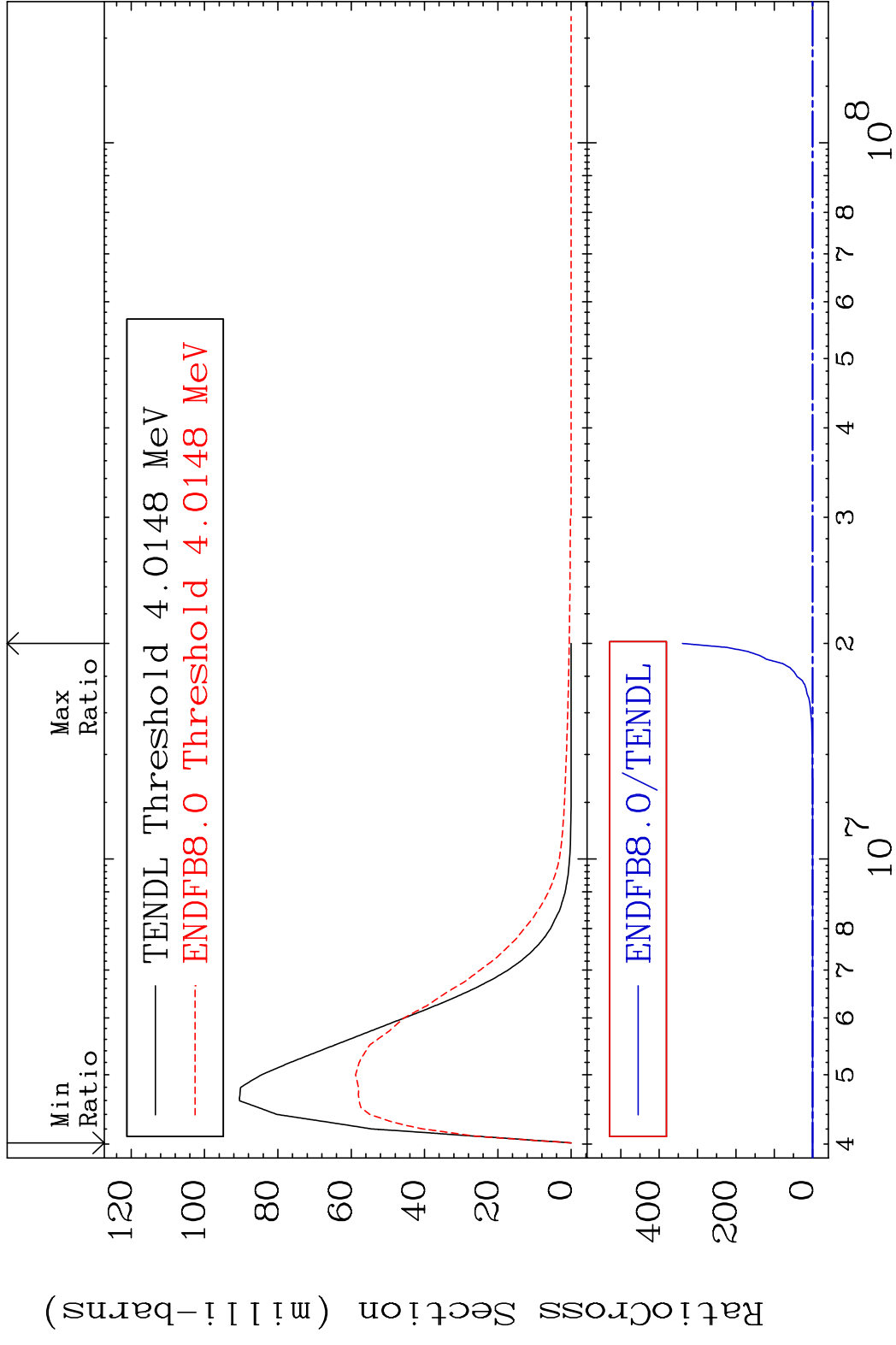


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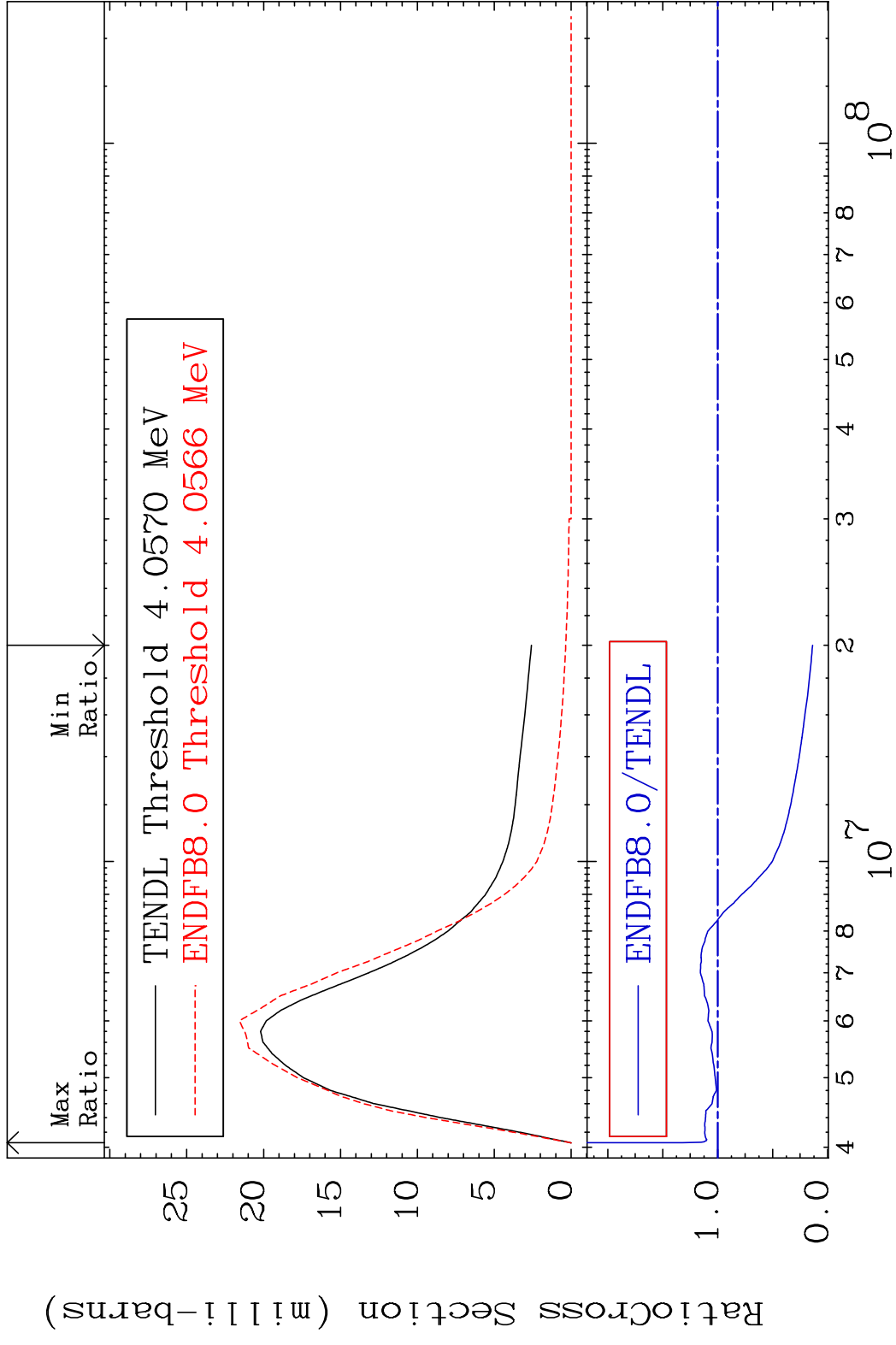
Incident Energy (eV)

82-Pb-208

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 -86.29 To 32.14 %



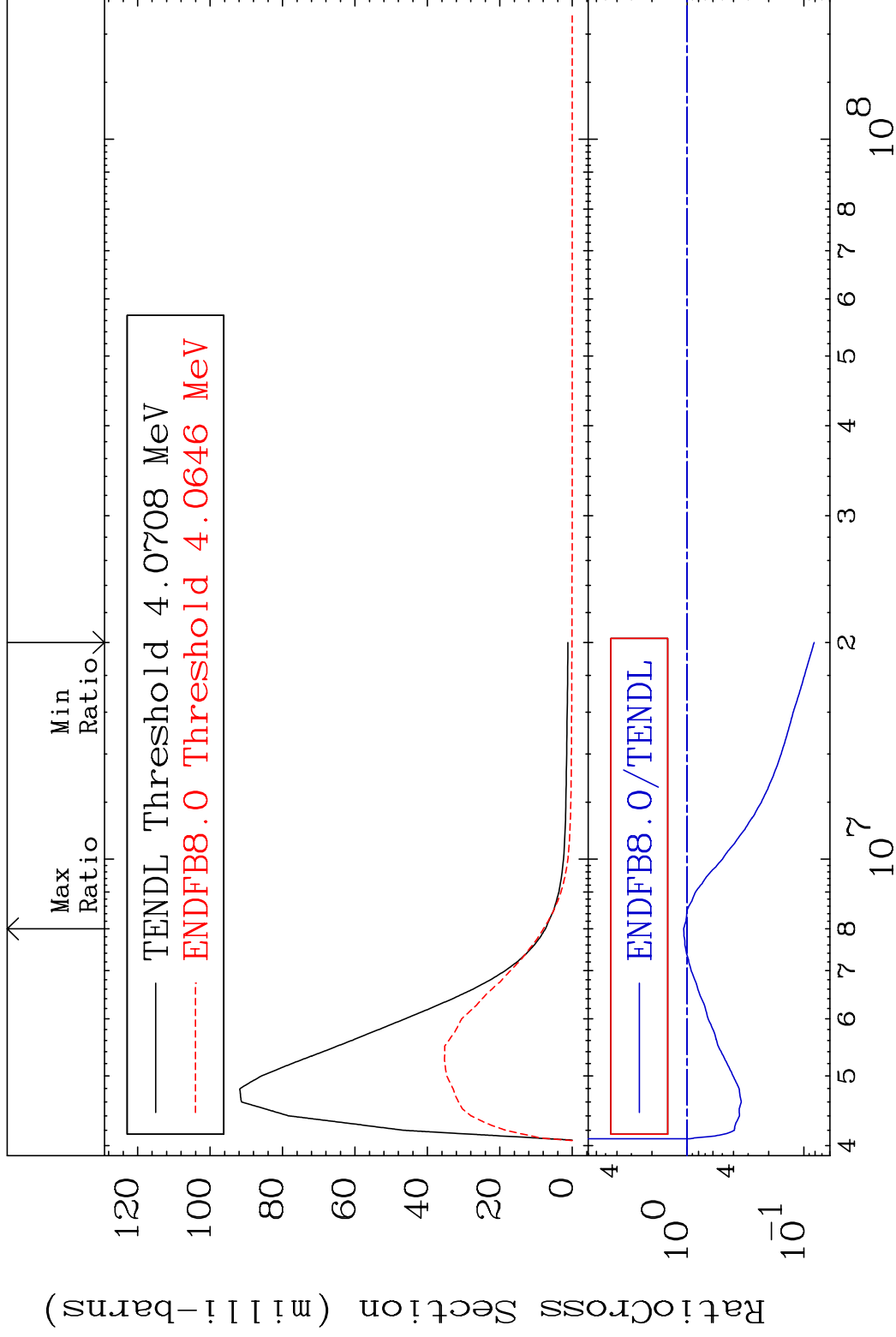
20 Incident Energy (eV) 82-Pb-208

MAT 8237

MT= 60 (n, n') Level

82-Pb-208

Cross Section -91.83 To 7.126 %

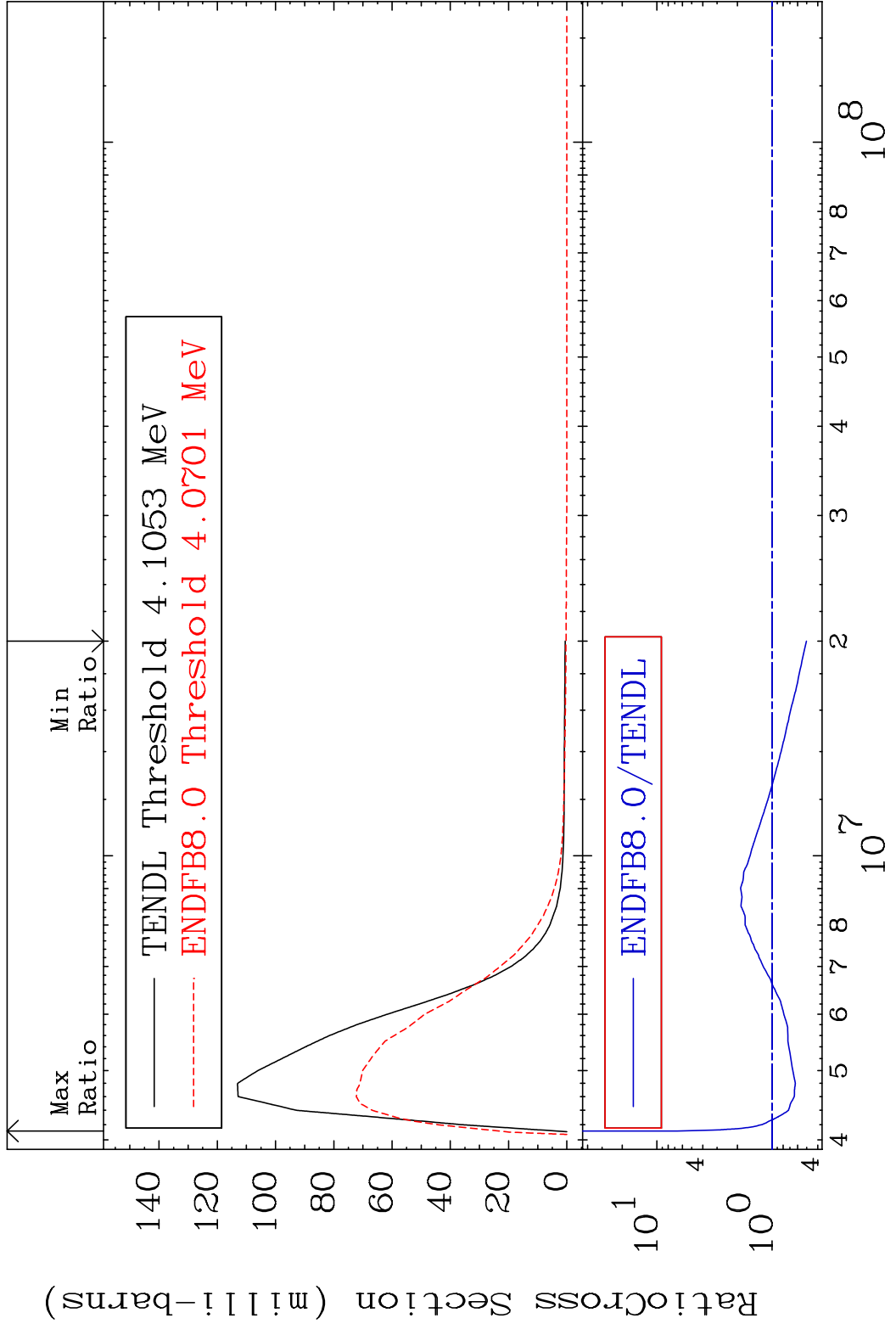


21

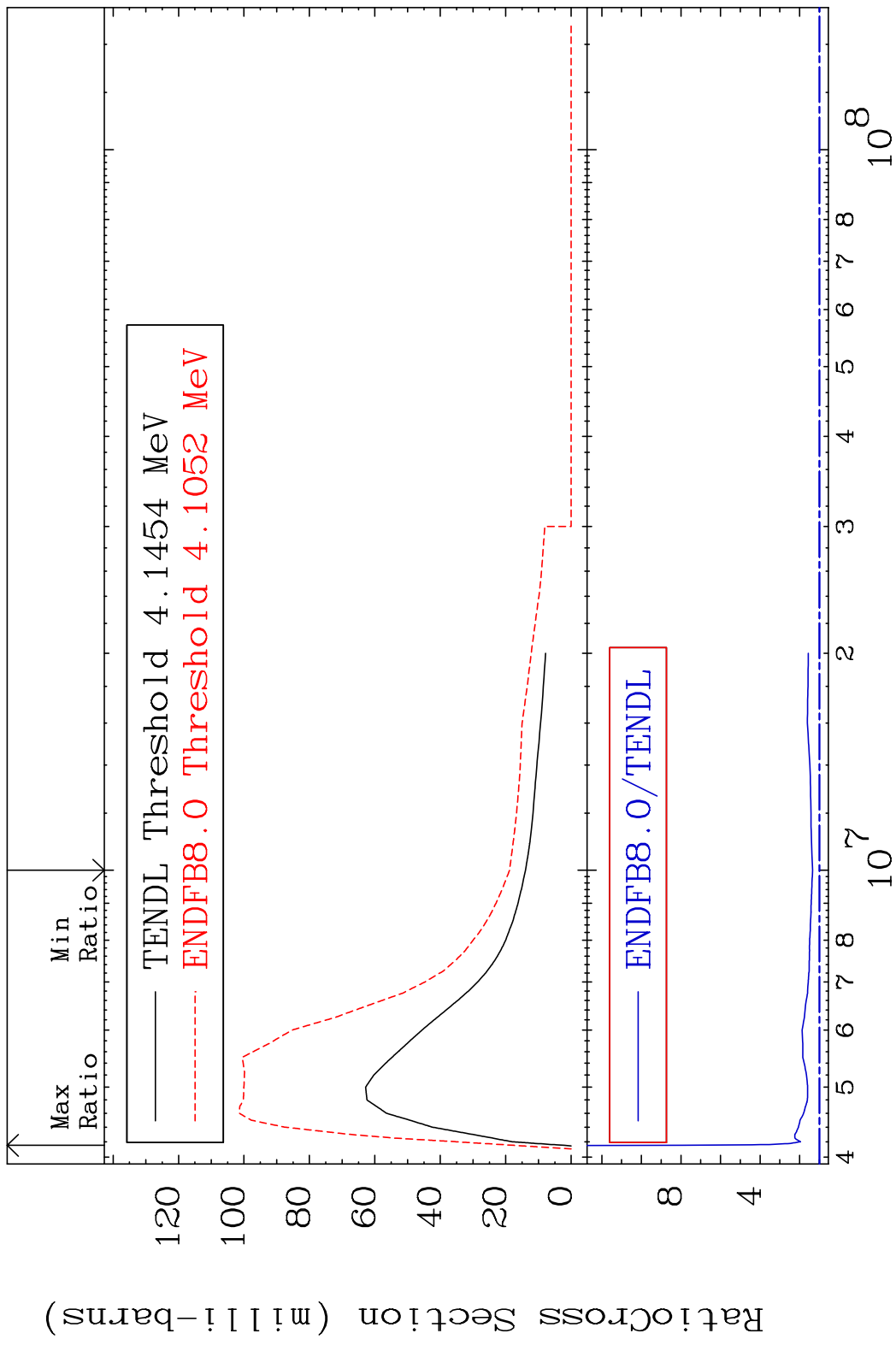
Incident Energy (eV)

82-Pb-208

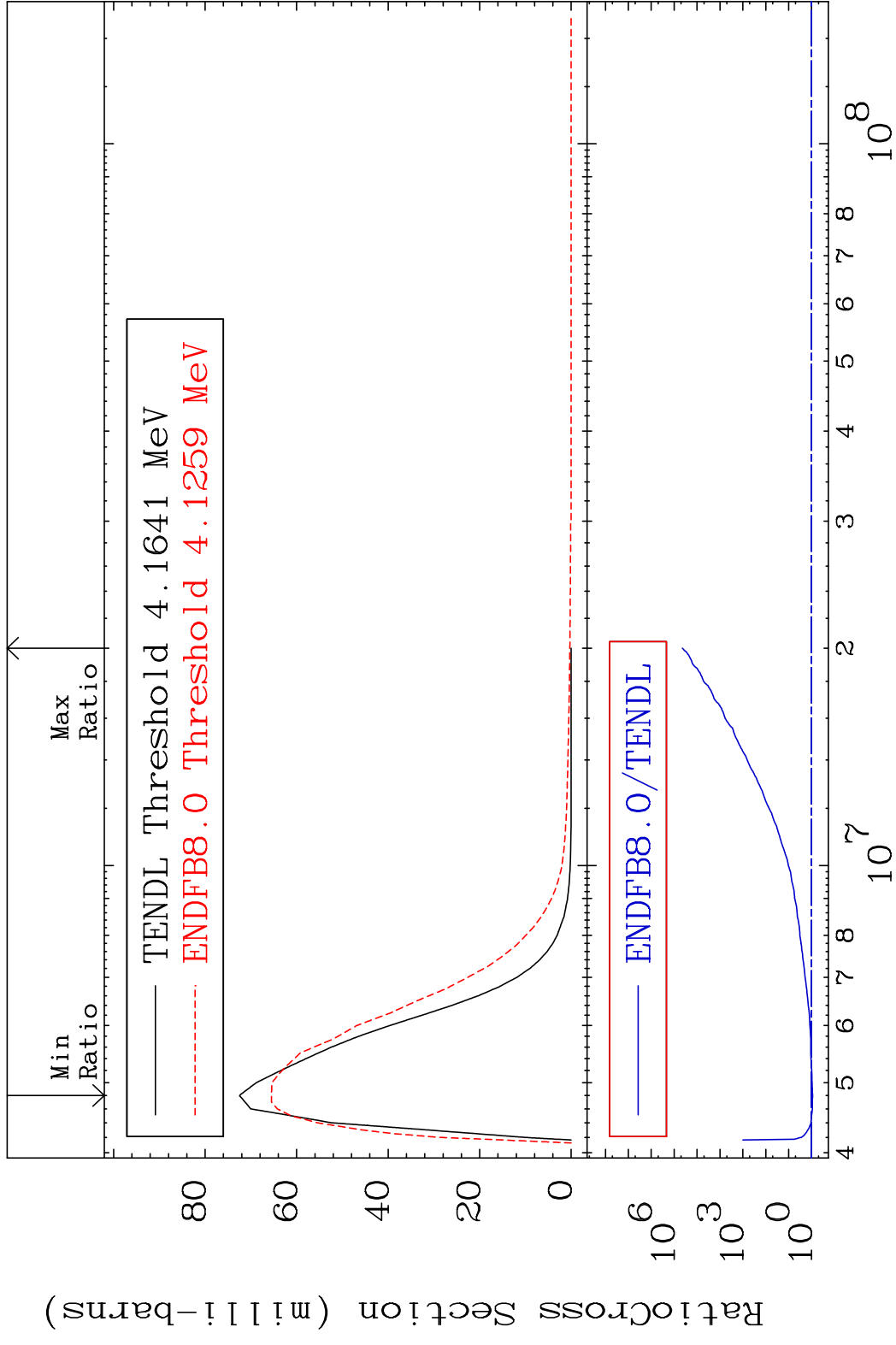
MAT 8237 MT= 61 (n, n') Level 82-Pb-208
 Cross Section -49.70 To 567.0 %



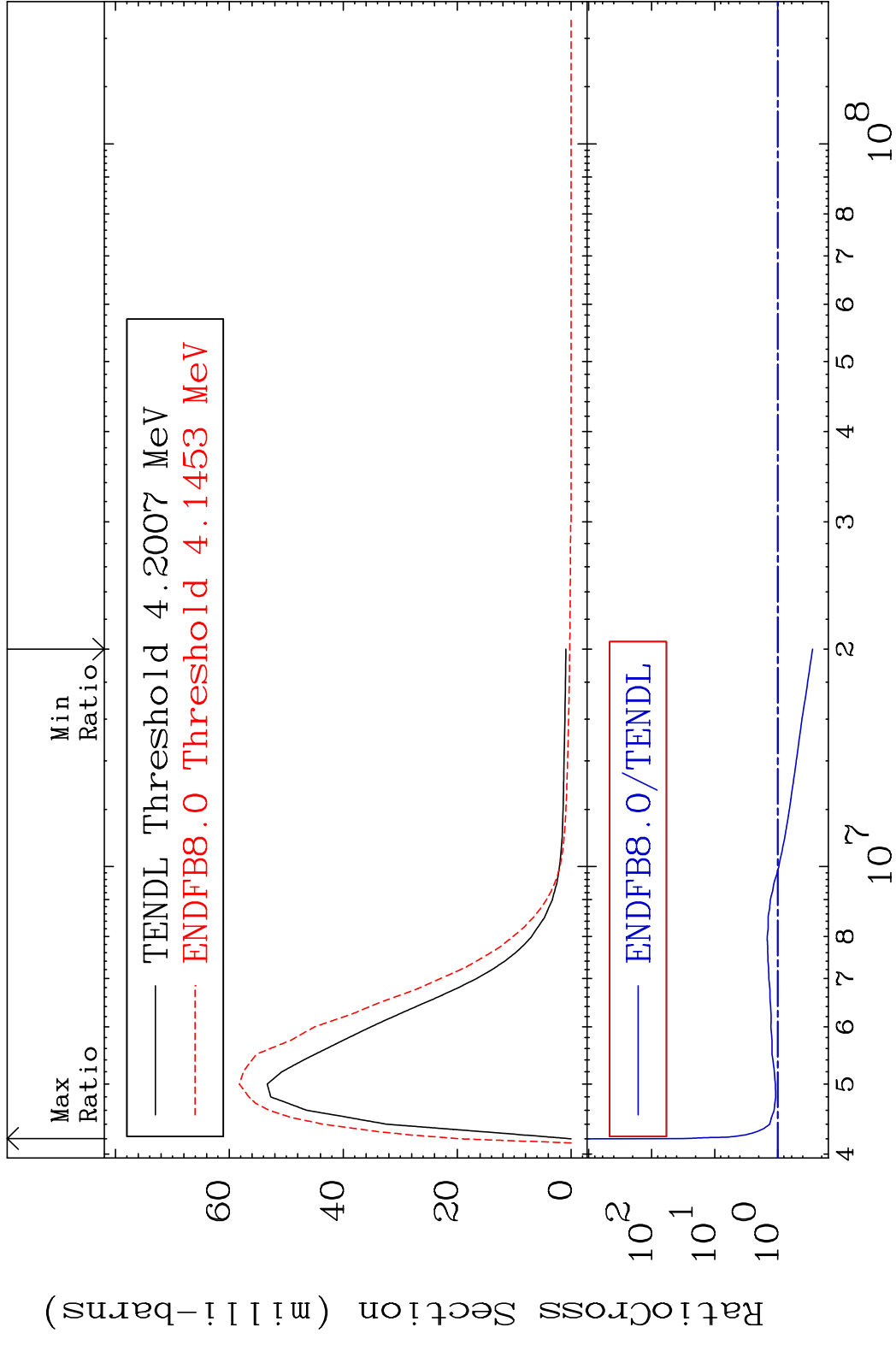
MAT 8237 MT= 62 (n, n') Level 82-Pb-208
 Cross Section 34.63 To 692.8 %



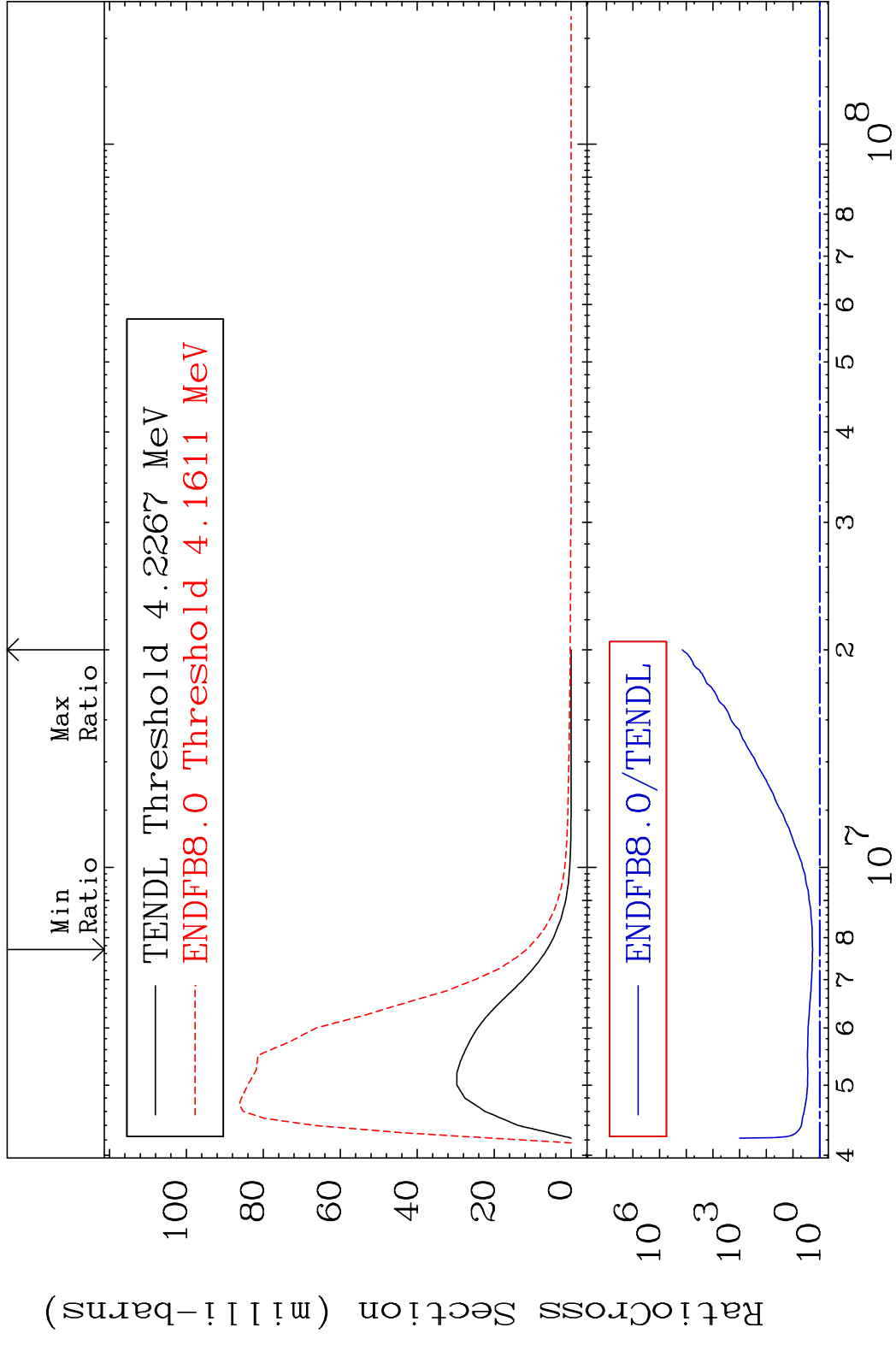
MAT 8237 MT= 63 (n, n') Level 82-Pb-208
 Cross Section -9.654 To 9999. %



MAT 8237 MT= 64 (n, n') Level 82-Pb-208
 Cross Section -71.97 To 3160. %



MAT 8237 MT= 65 (n, n') Level 82-Pb-208
 Cross Section 83.87 To 9999. %

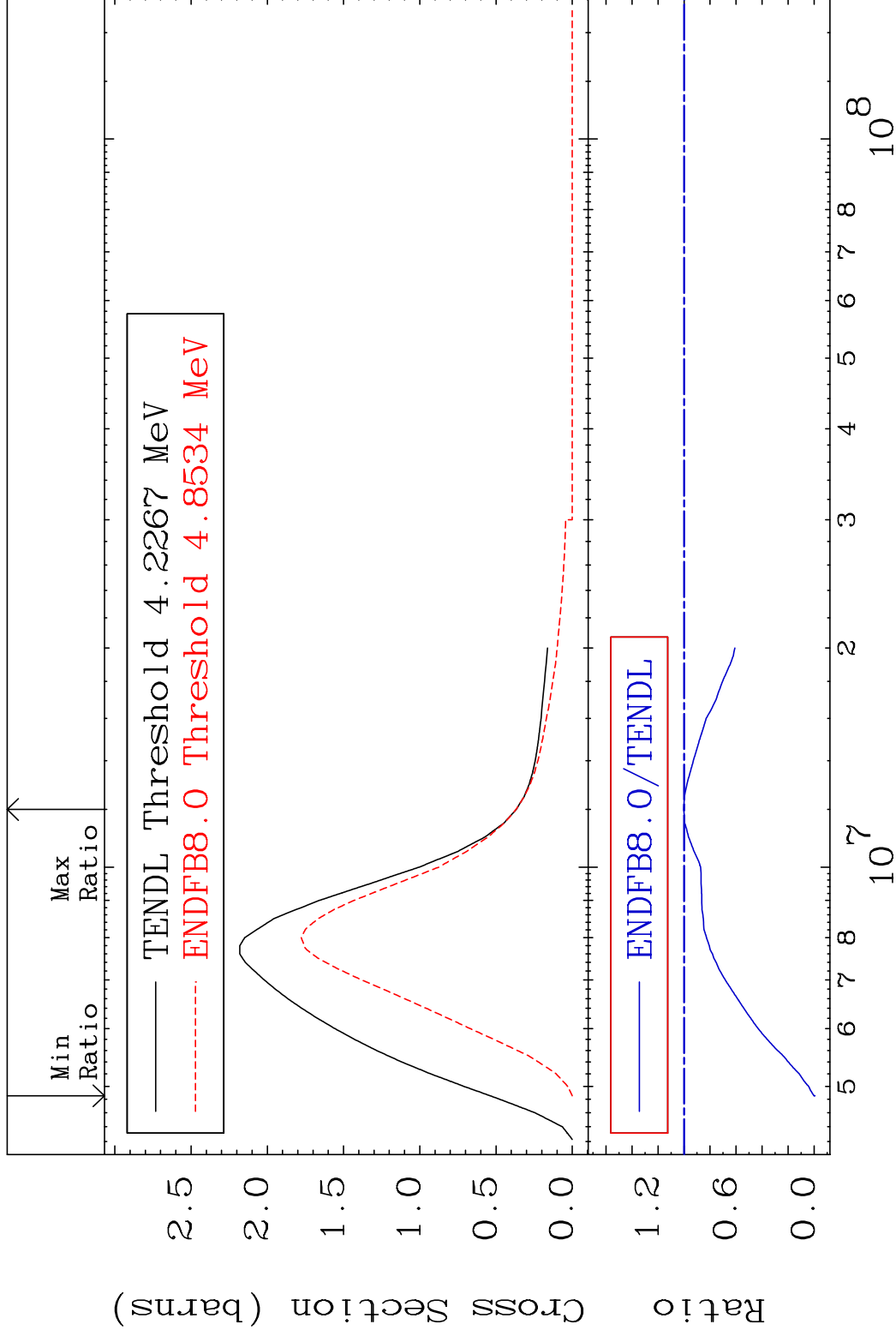


MAT 8237

(n, n') Continuum

82-Pb-208

Cross Section -100.0 To 0.299 %

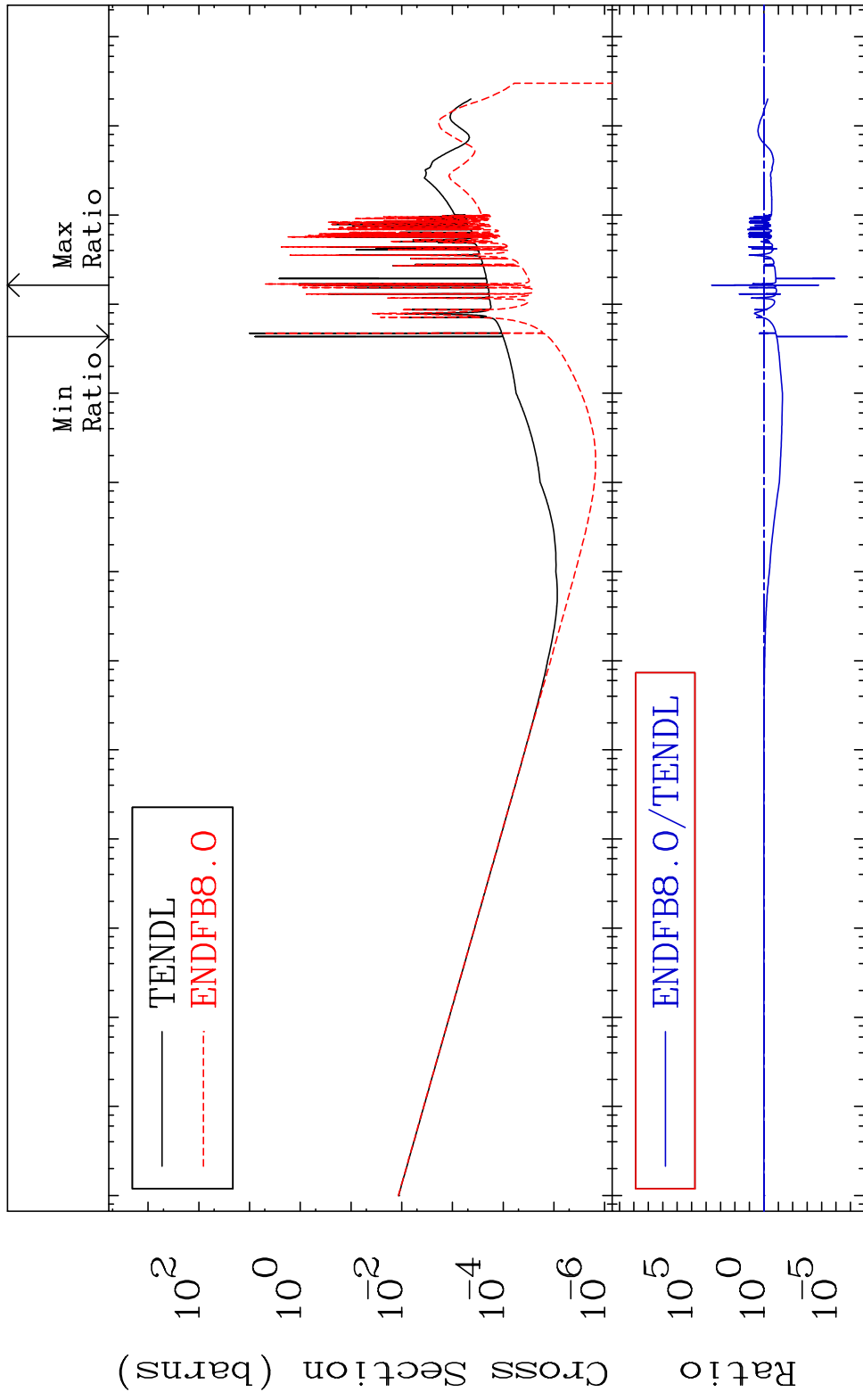


MAT 8237

(n, γ)

82-Pb-208

Cross Section -100.0 To 9999. %



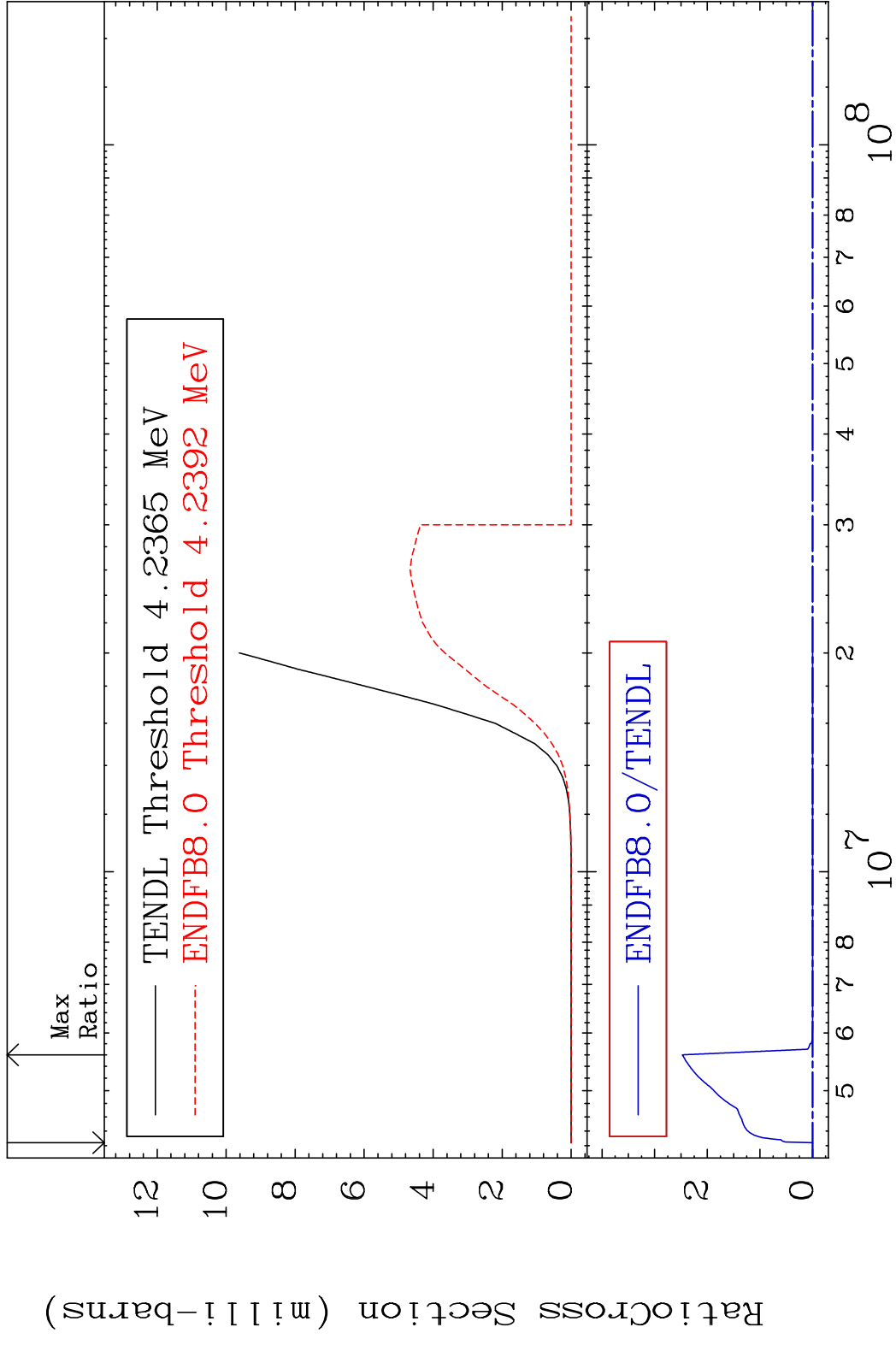
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

28

Incident Energy (eV)

82-Pb-208

MAT 8237 (n,p) 82-Pb-208
 Cross Section -100.0 To 9999. %

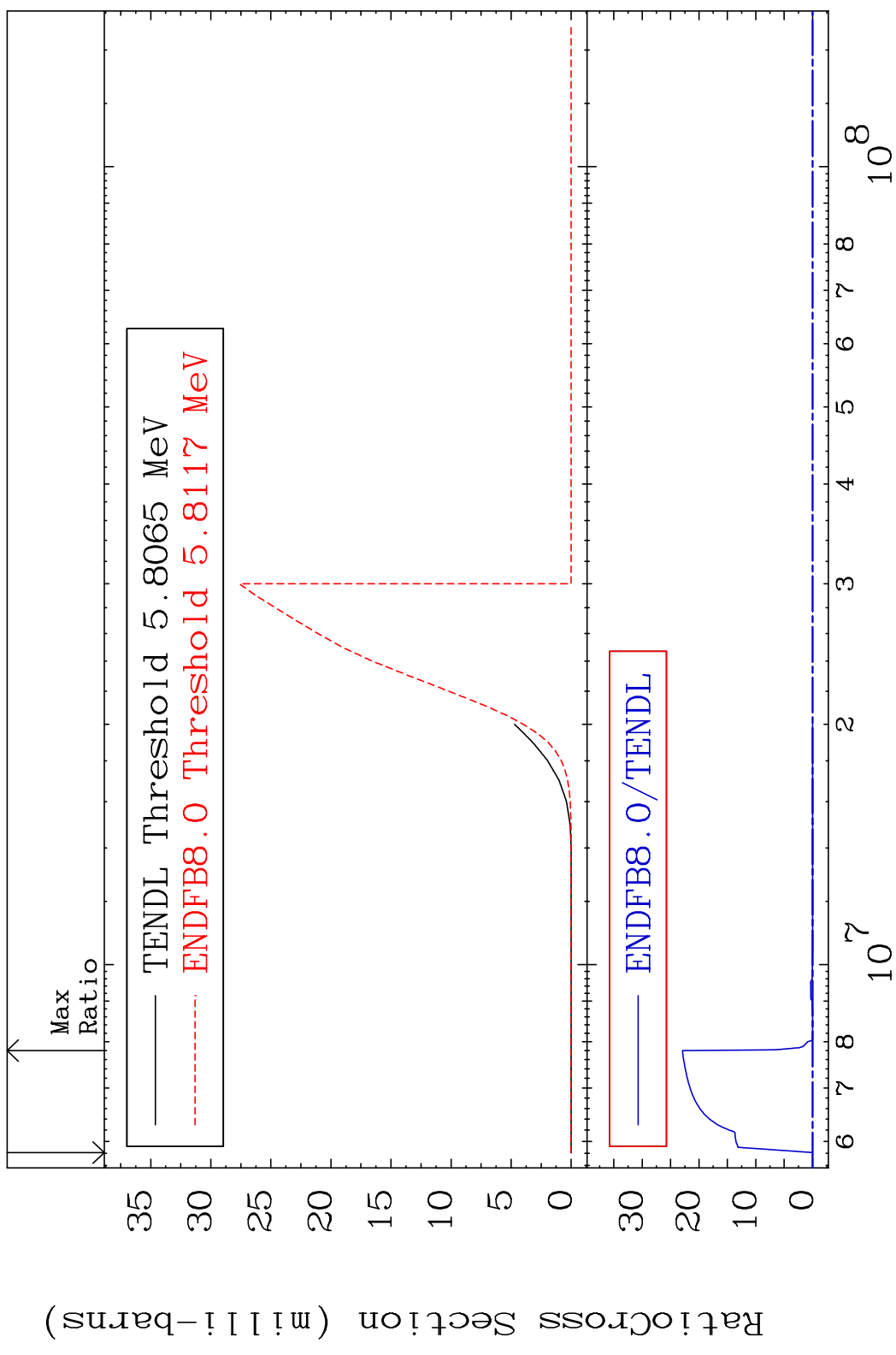


MAT 8237

(n,d)

82-Pb-208

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

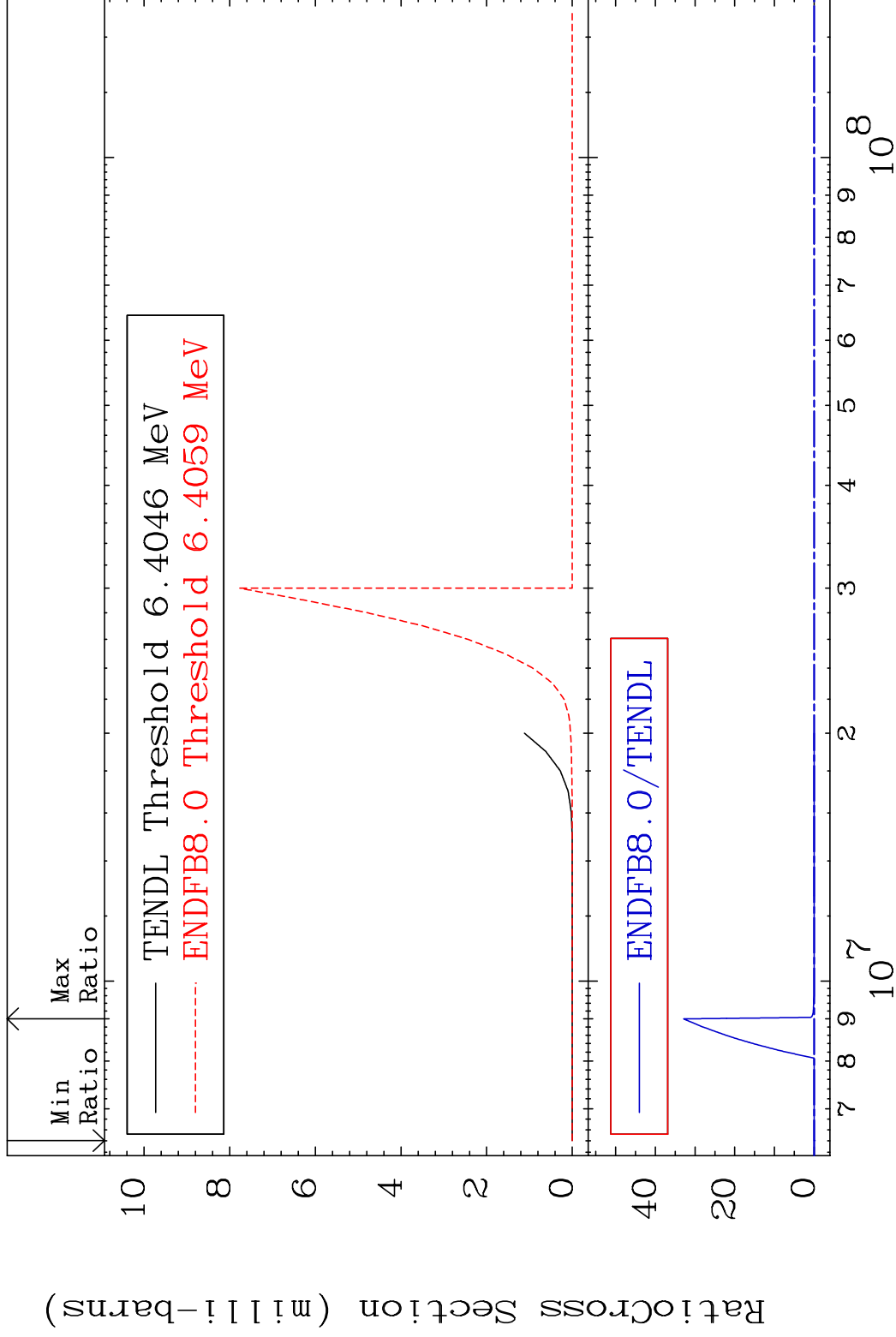
82-Pb-208

MAT 8237

(n, t)

82-Pb-208

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

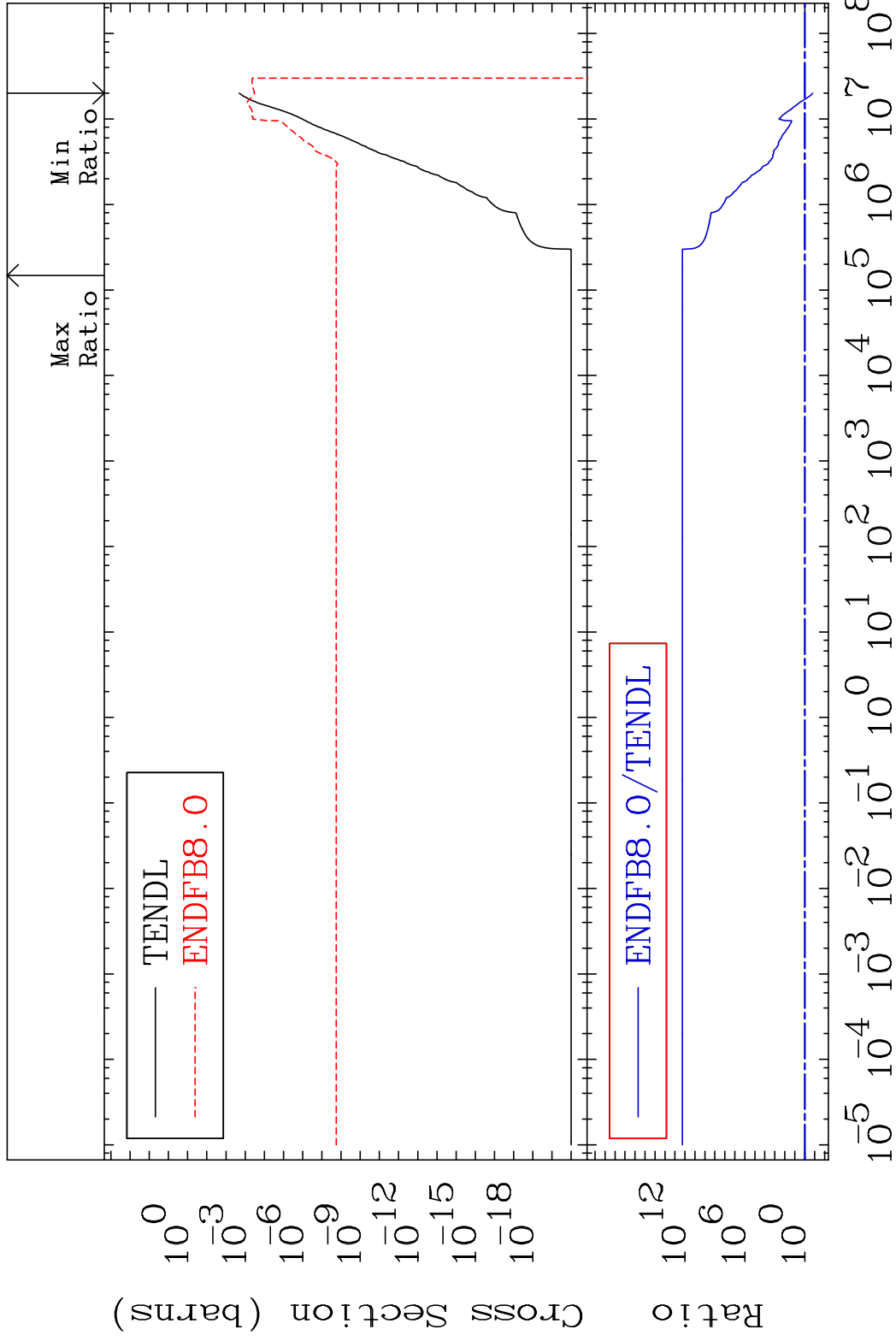
82-Pb-208

MAT 8237

(n, α)

82-Pb-208

Cross Section -83.49 To 9999. %

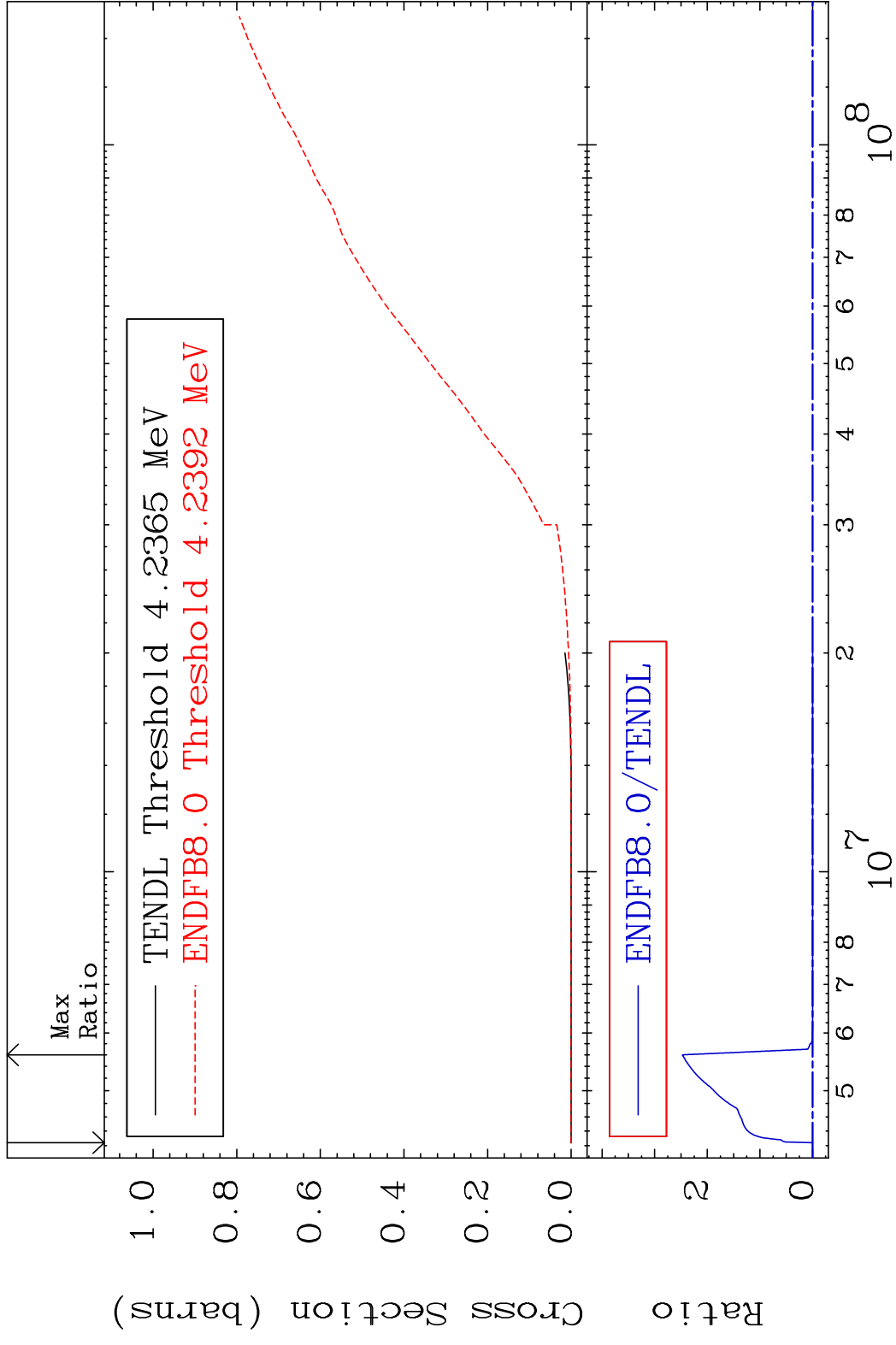


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Incident Energy (eV)

82-Pb-208

MAT 8237 Hydrogen Production 82-Pb-208
 Cross Section -100.0 To 9999. %

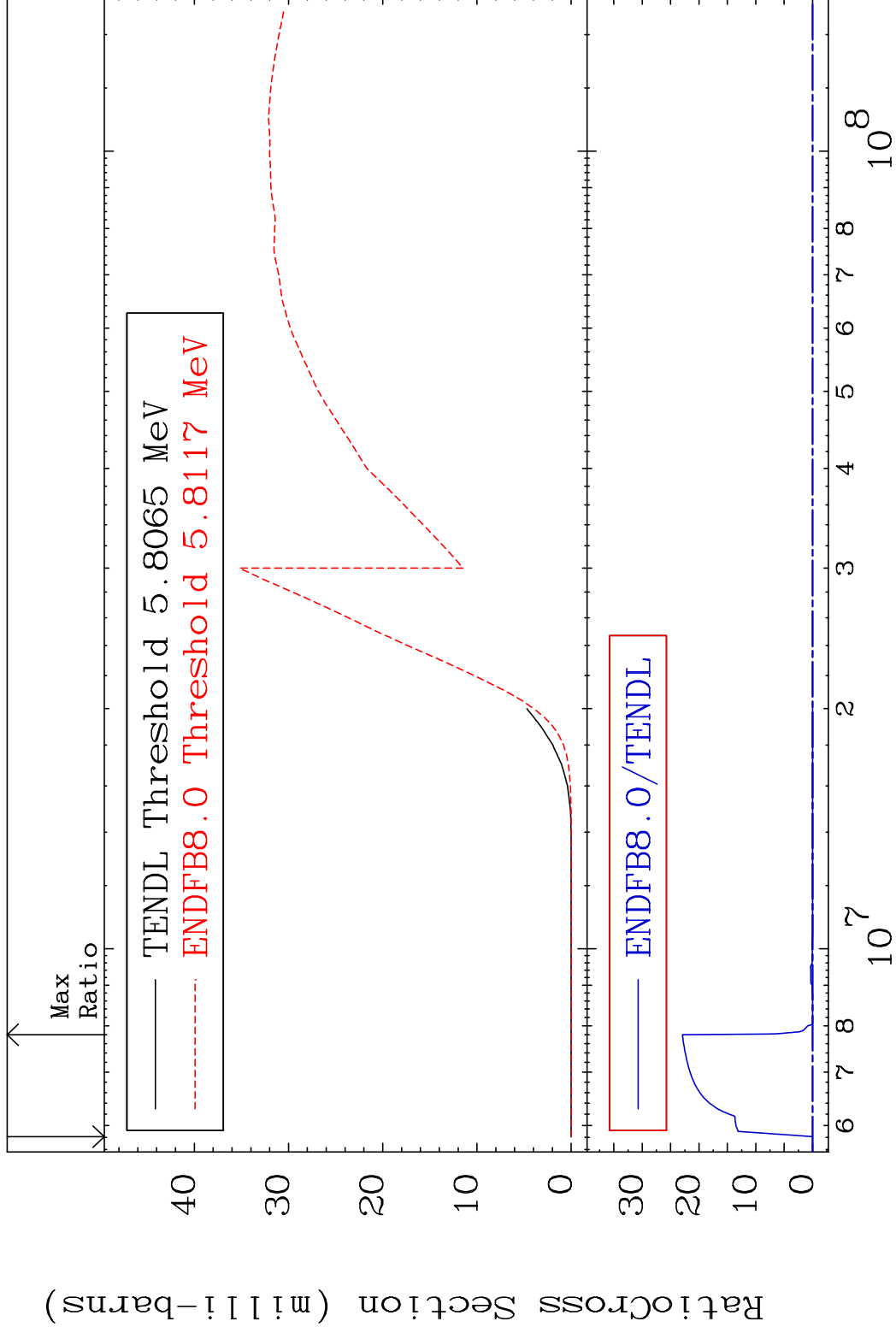


MAT 8237

Deuterium Production

82-Pb-208

Cross Section -100.0 To 9999. %

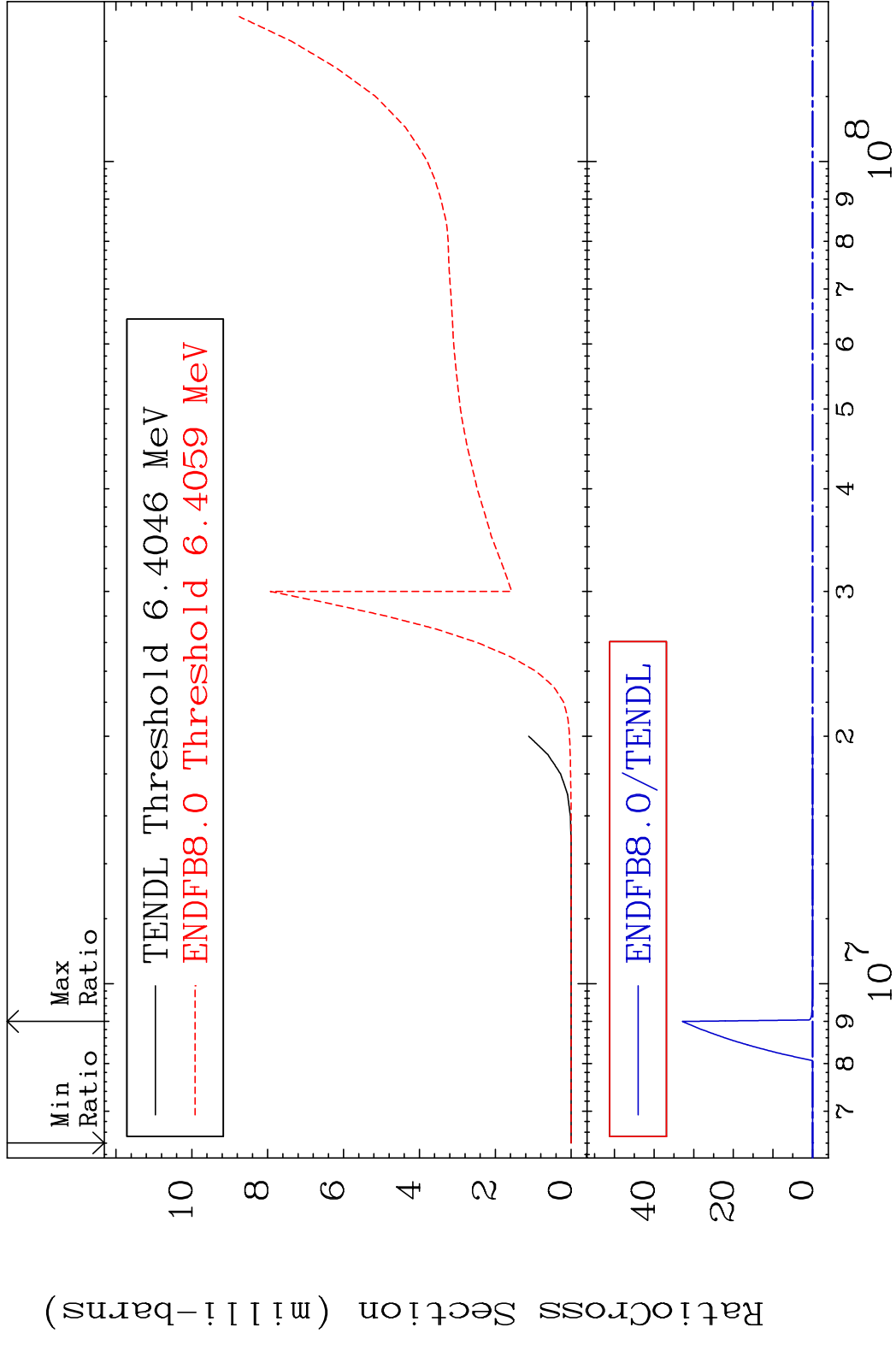


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Incident Energy (eV)

82-Pb-208

MAT 8237 Tritium Production 82-Pb-208
 Cross Section -100.0 To 9999. %



MAT 8237

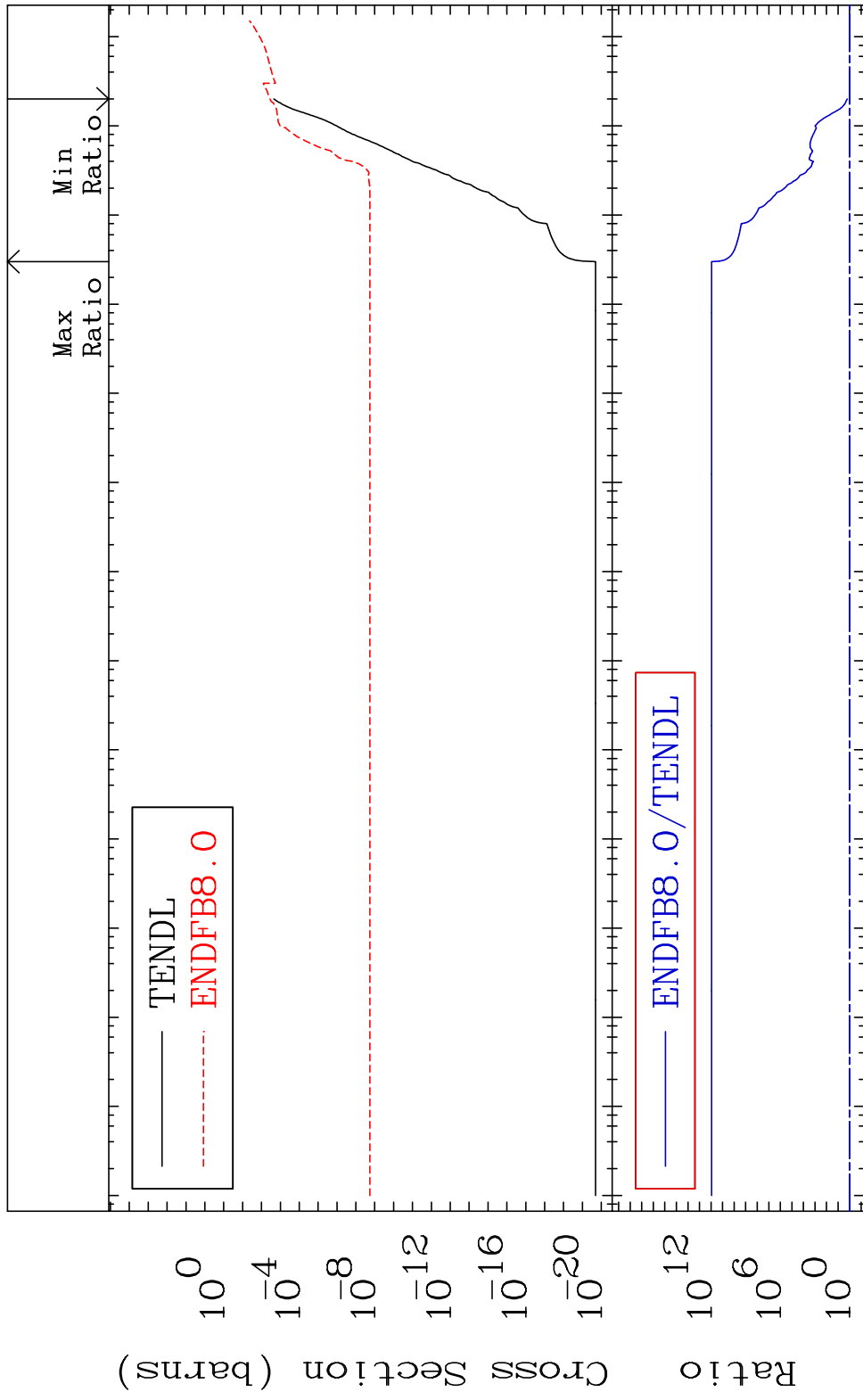
He-4 Production

82-Pb-208

Cross Section

58.36

To 9999. %



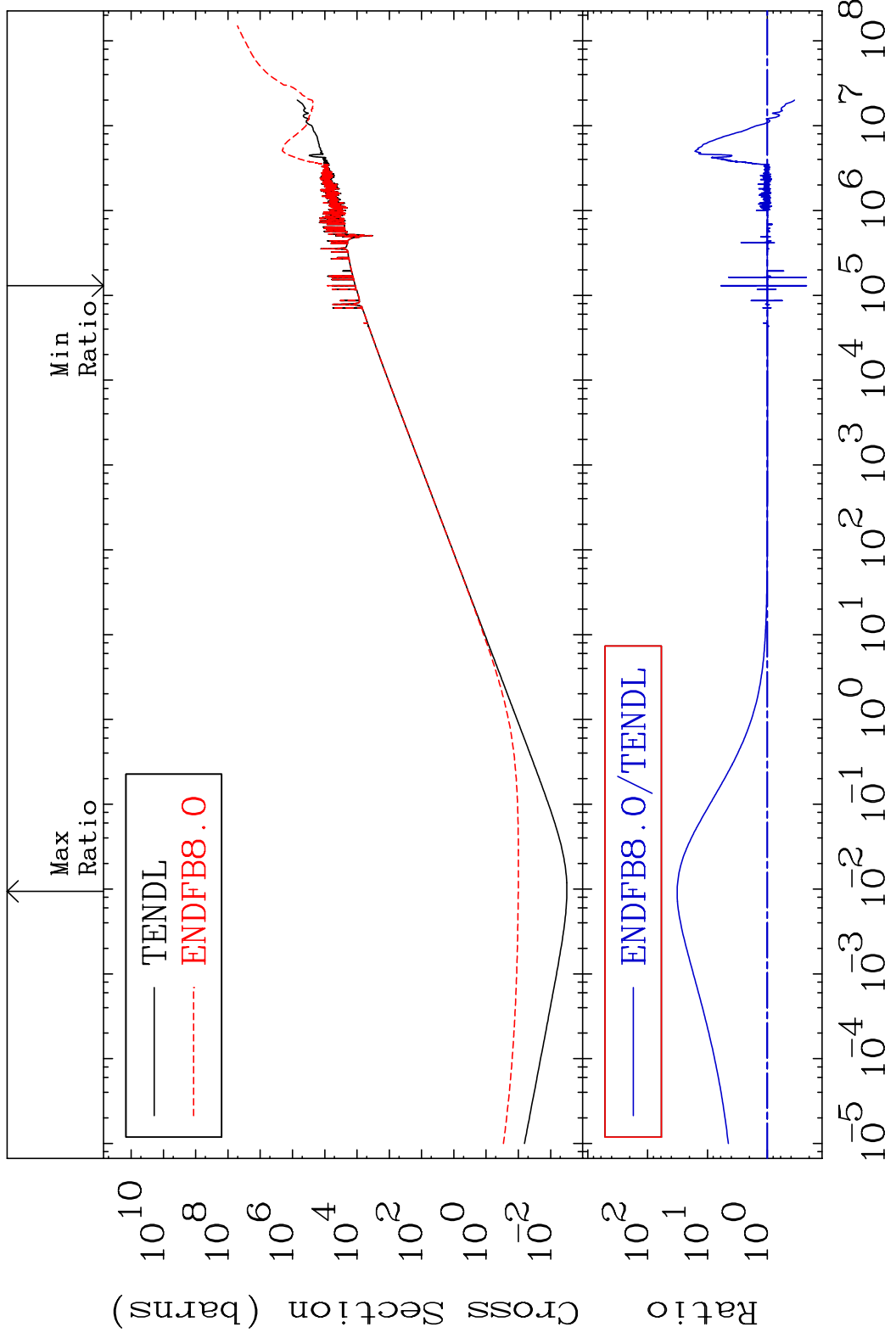
36

Incident Energy (eV)

82-Pb-208

MAT 8237

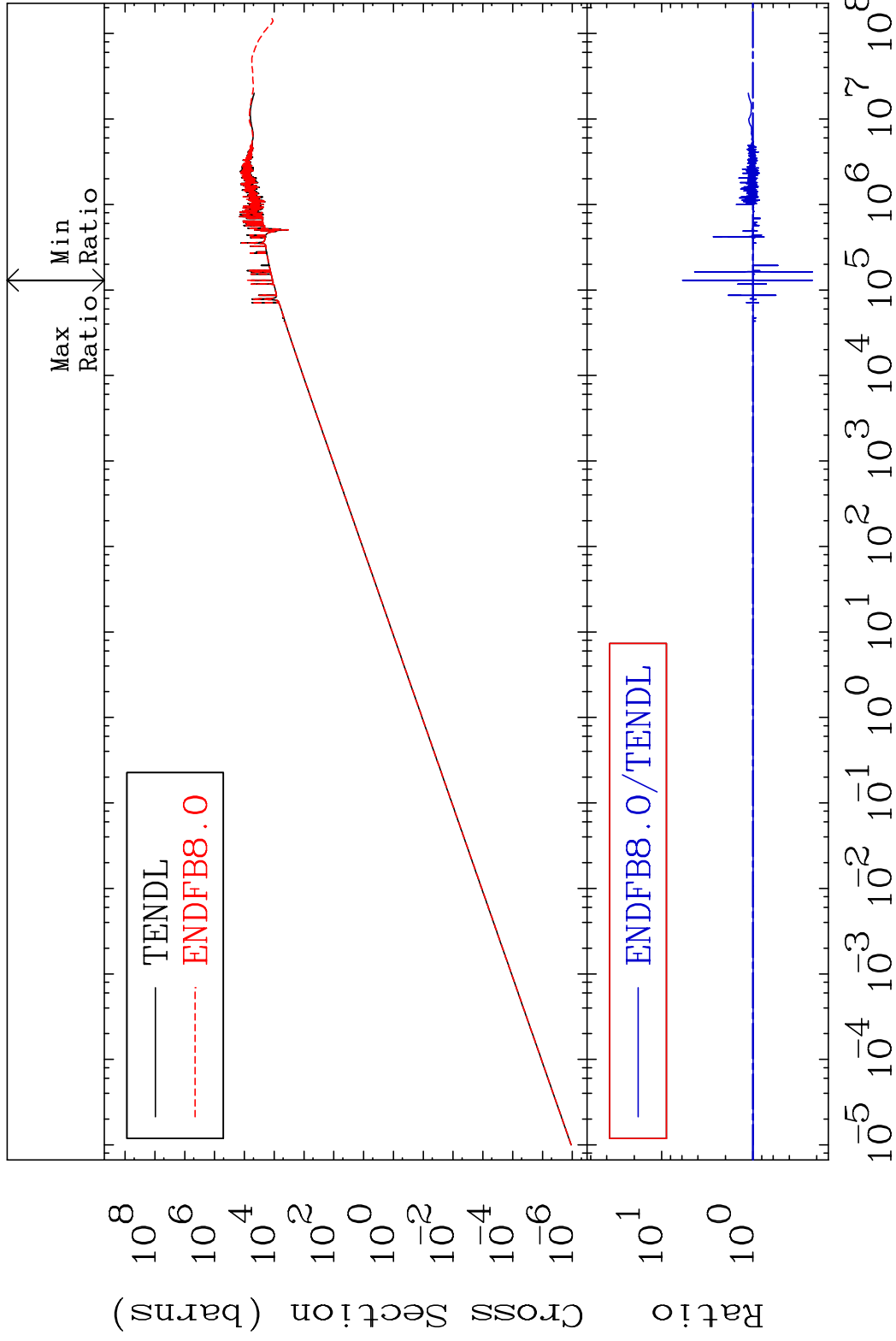
Kerma total (eV-barns) 82-Pb-208
Cross Section -77.75 To 3108. %



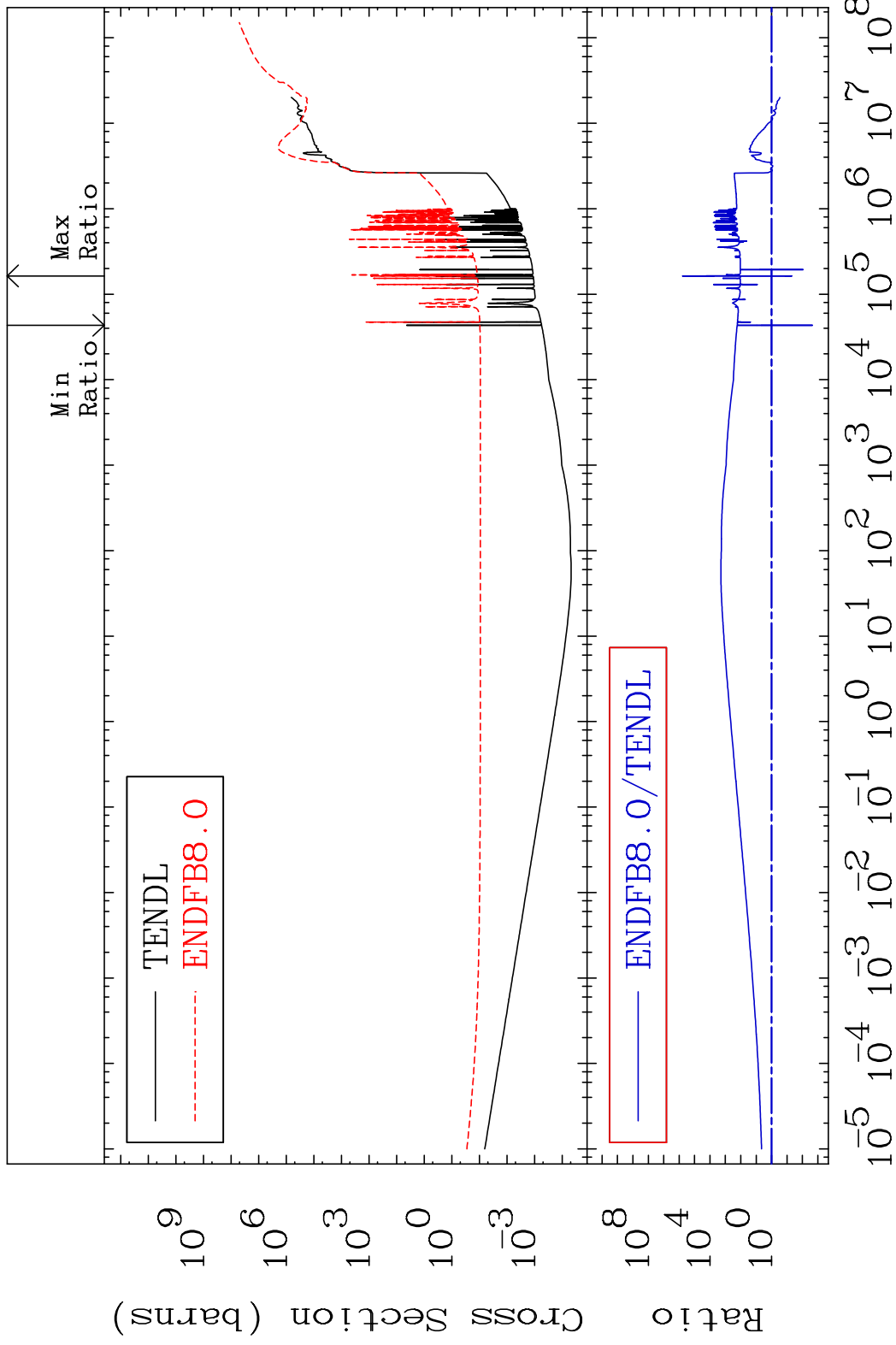
MAT 8237

Kerma elastic
Cross Section

82-Pb-208
-77.777 To 493.7 %

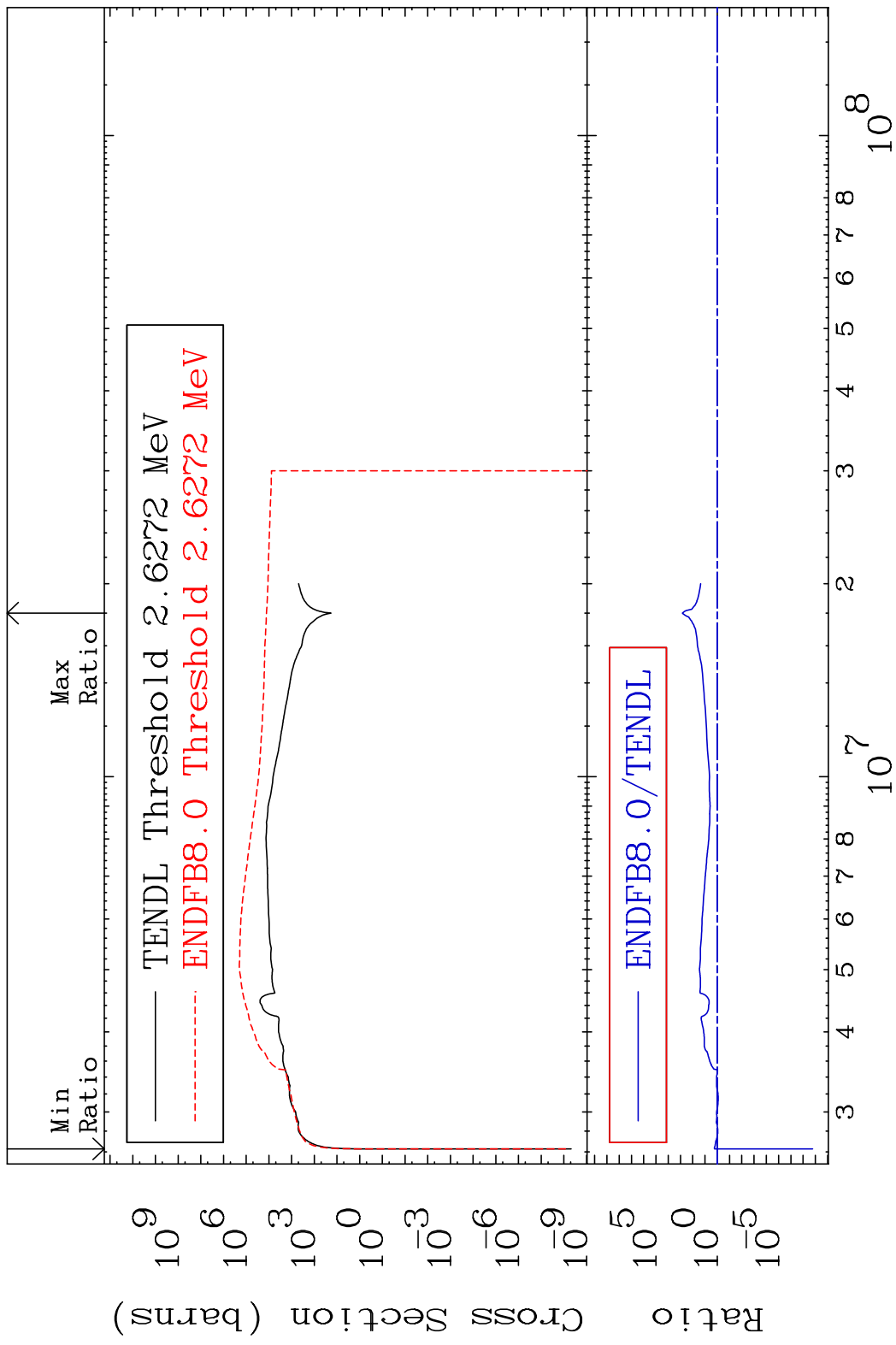


MAT 8237 Kerma non-elastic (all but mt2) 82-Pb-208
 Cross Section -99.78 To 9999. %



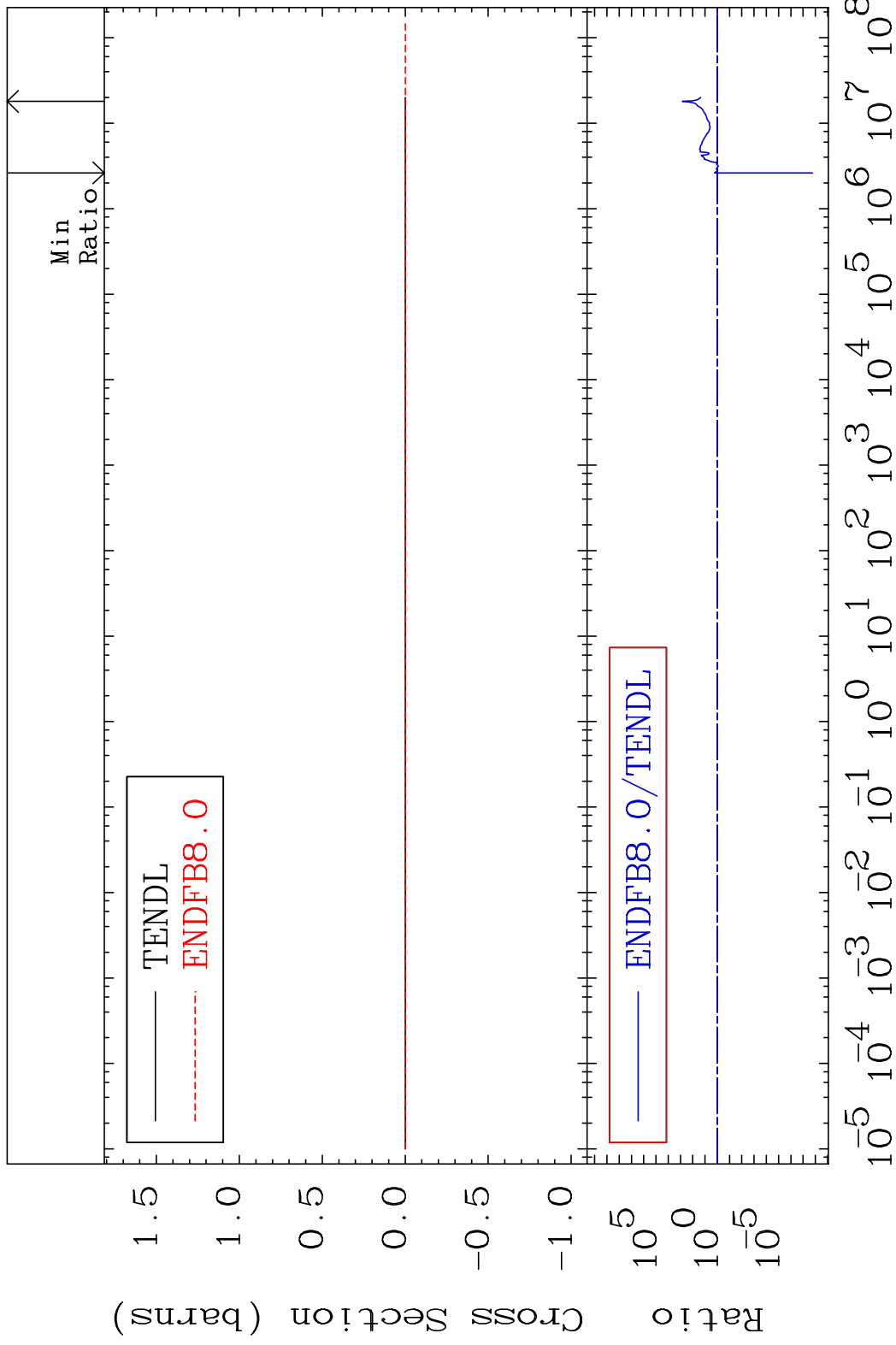
39 Incident Energy (eV) 82-Pb-208

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



40 Incident Energy (eV) 82-Pb-208

MAT 8237 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-208
 Cross Section -100.0 To 9999. %

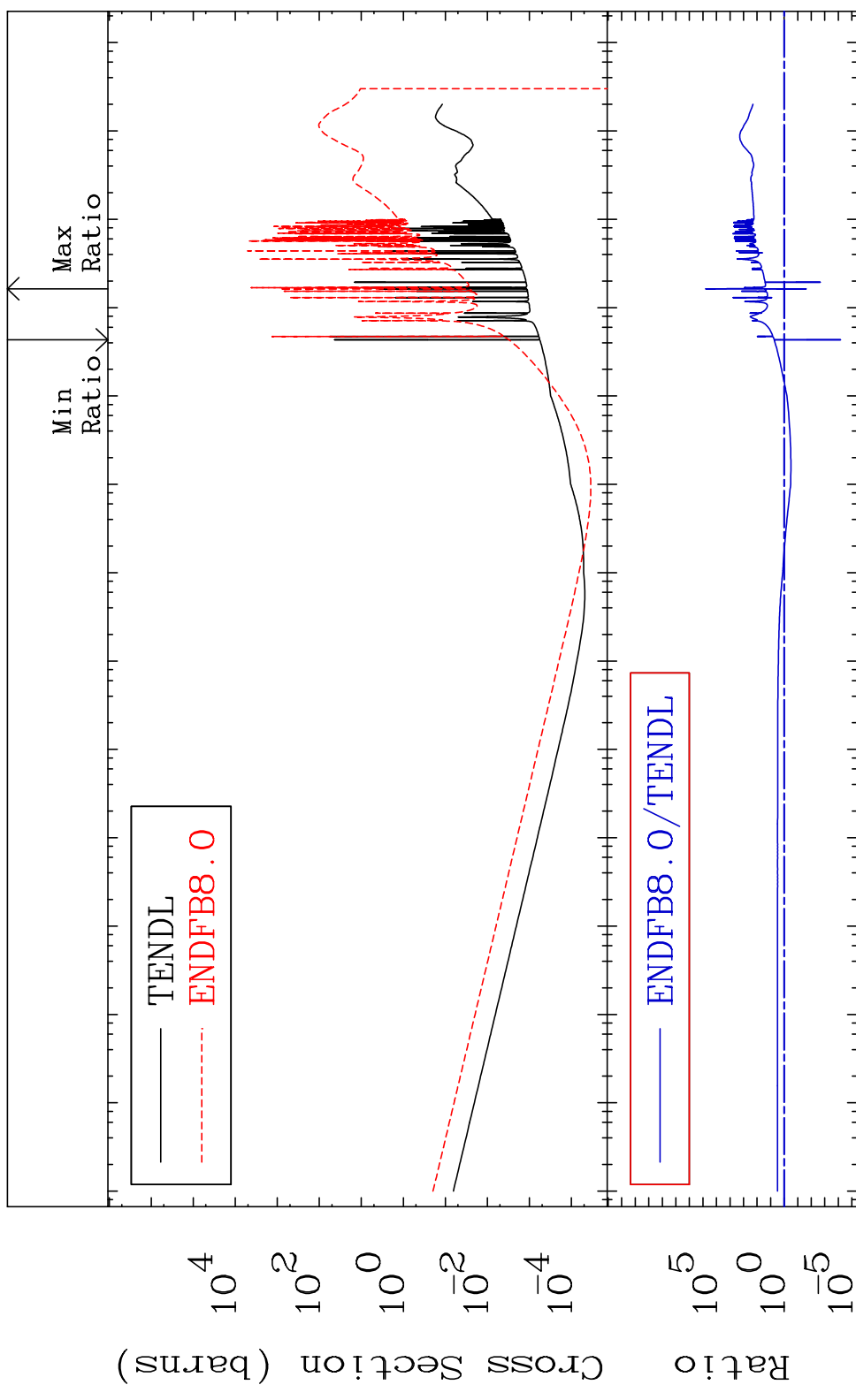


MAT 8237

Kerma capture (mt102)

82-Pb-208

Cross Section -99.99 To 9999. %

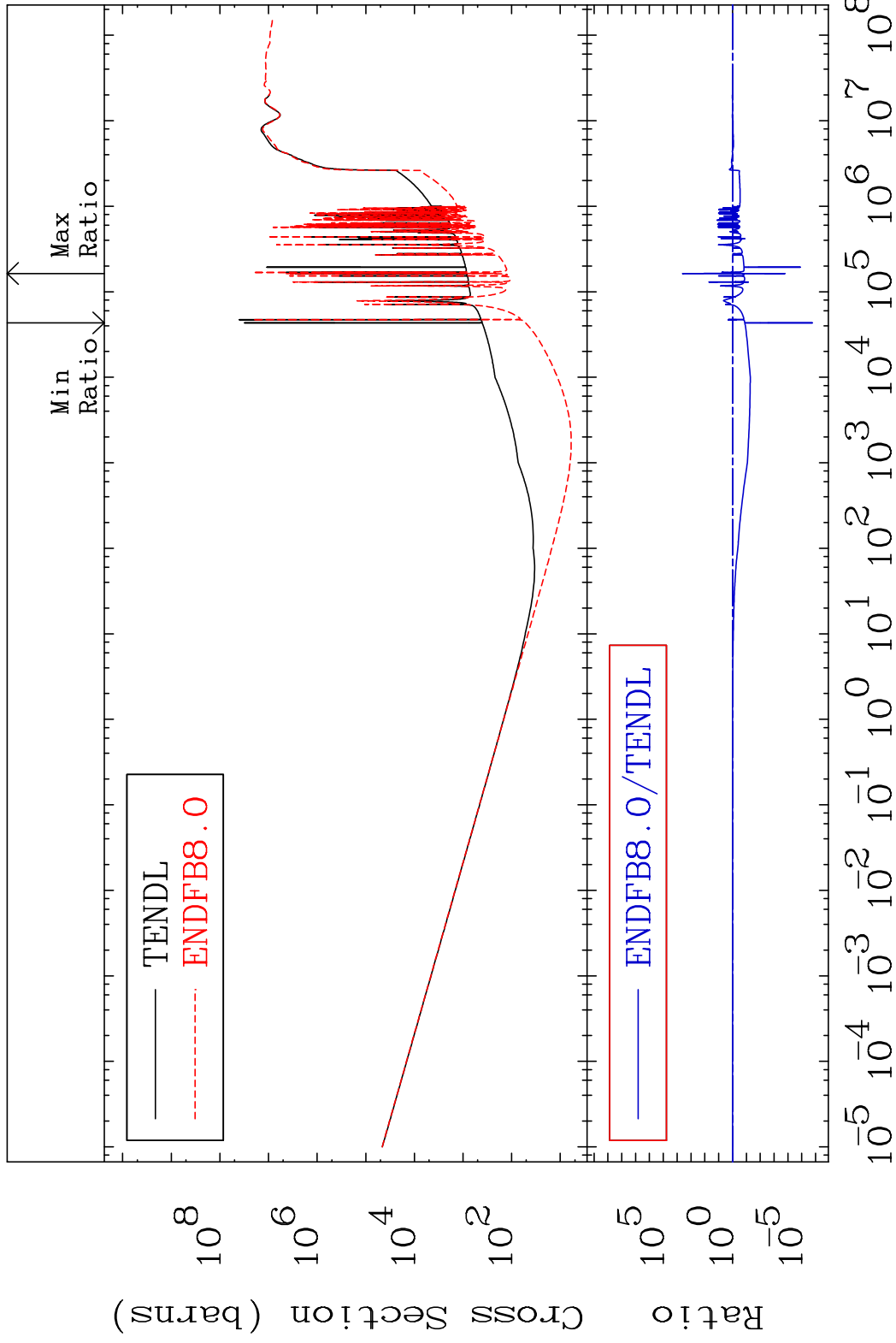


MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -100.0 To 9999. %

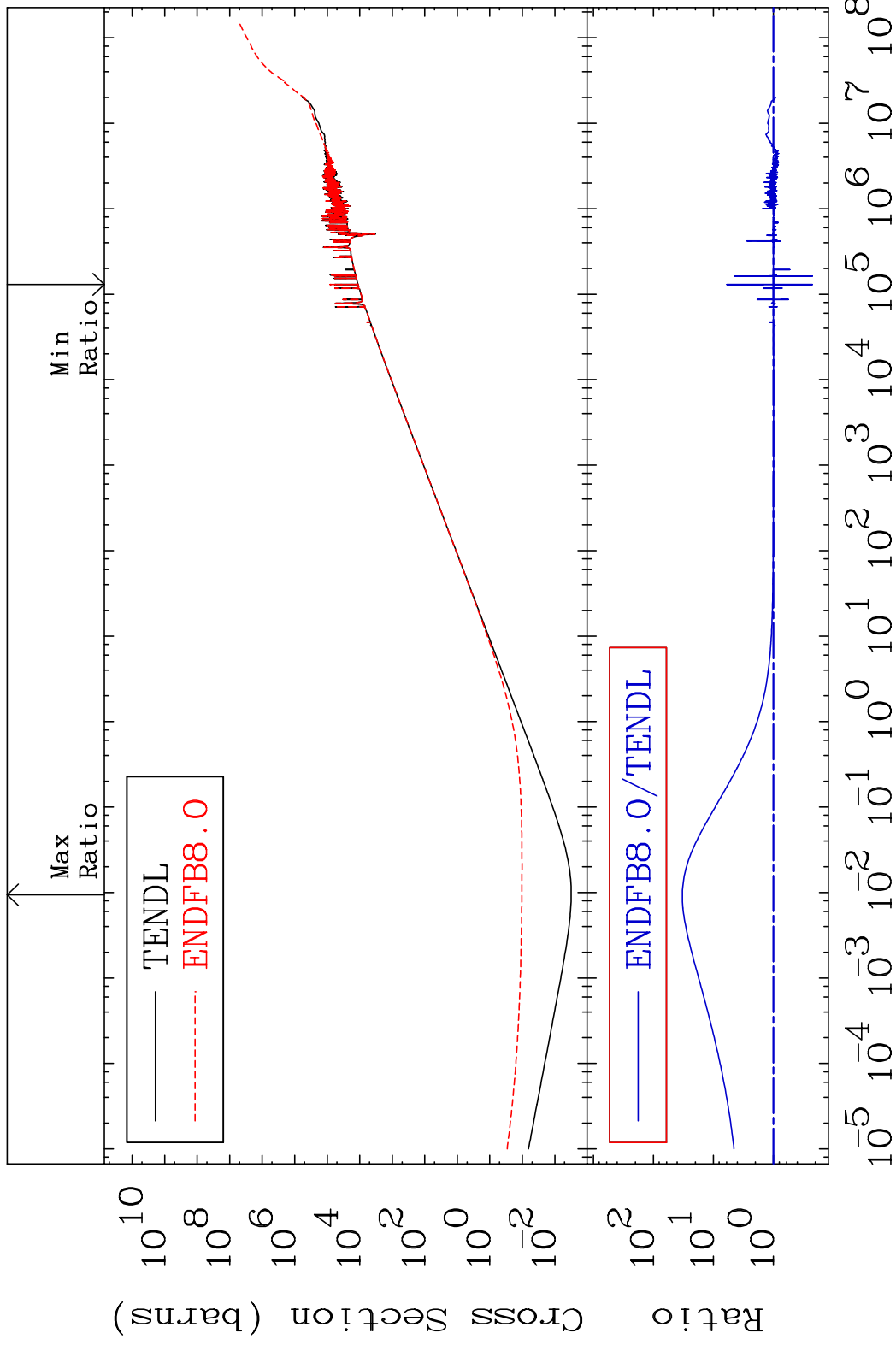


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Incident Energy (eV)

82-Pb-208

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

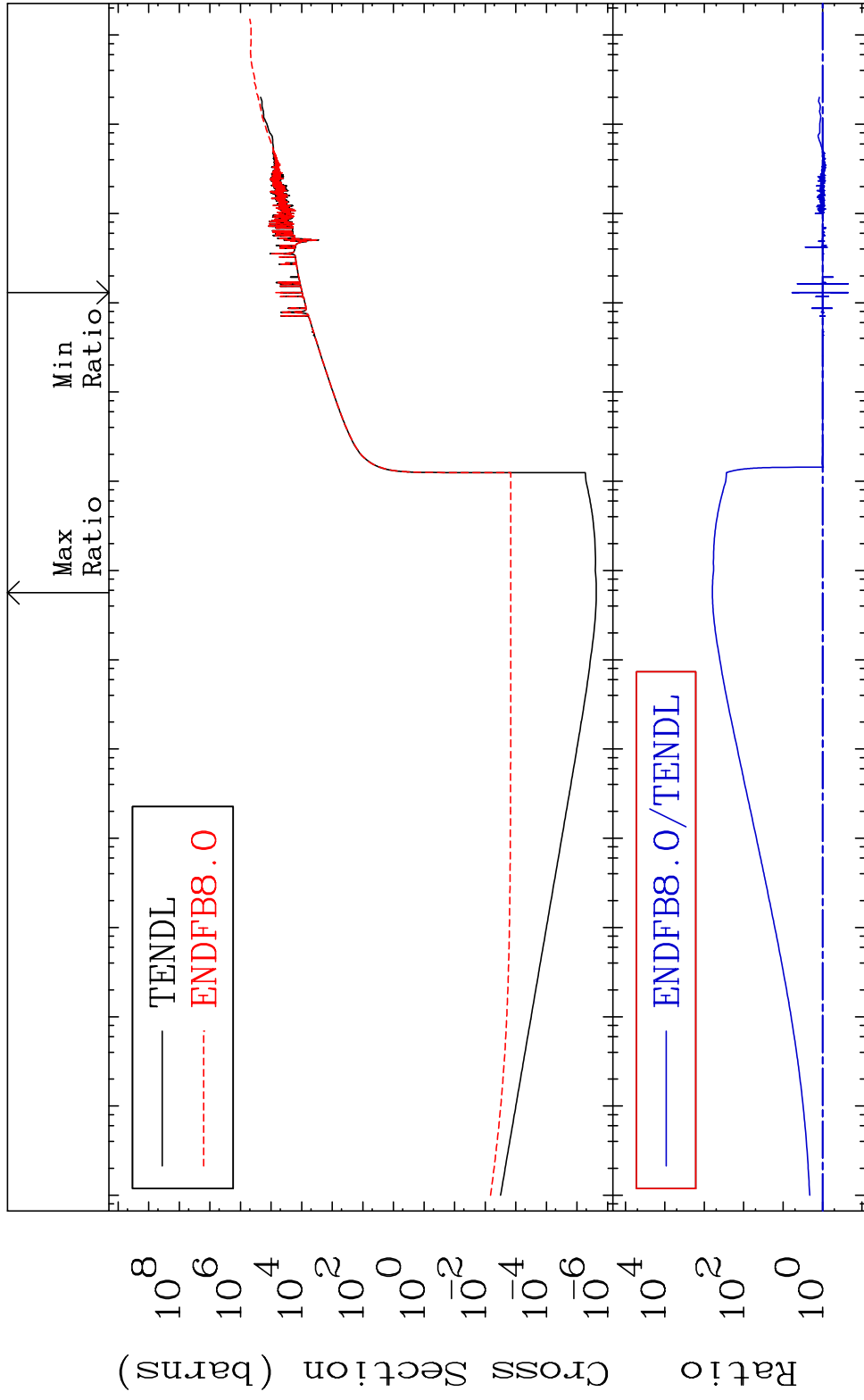


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -77.777 To 9999. %



45

Incident Energy (eV)

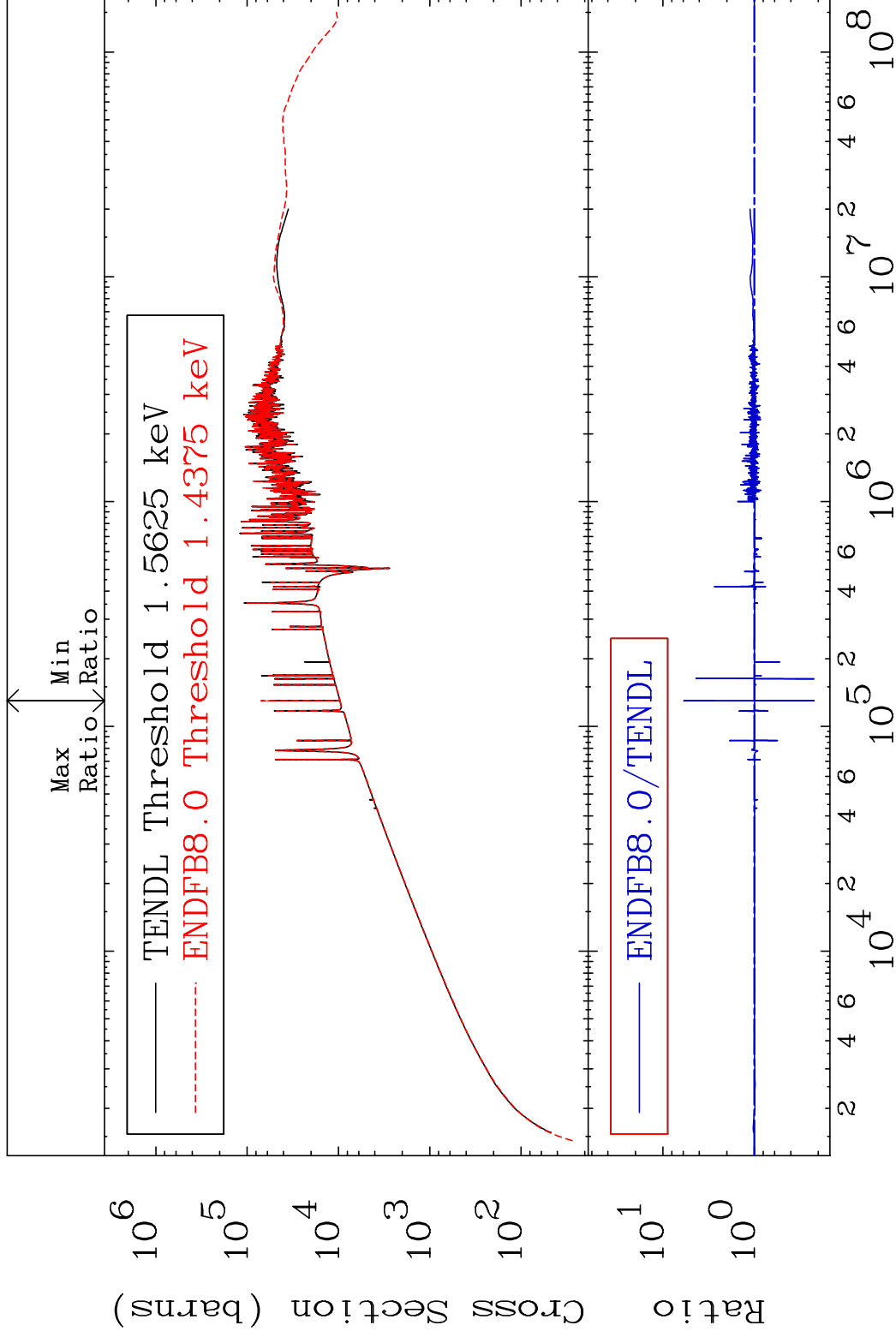
82-Pb-208

MAT 8237

Dpa elastic (mt2)

82-Pb-208

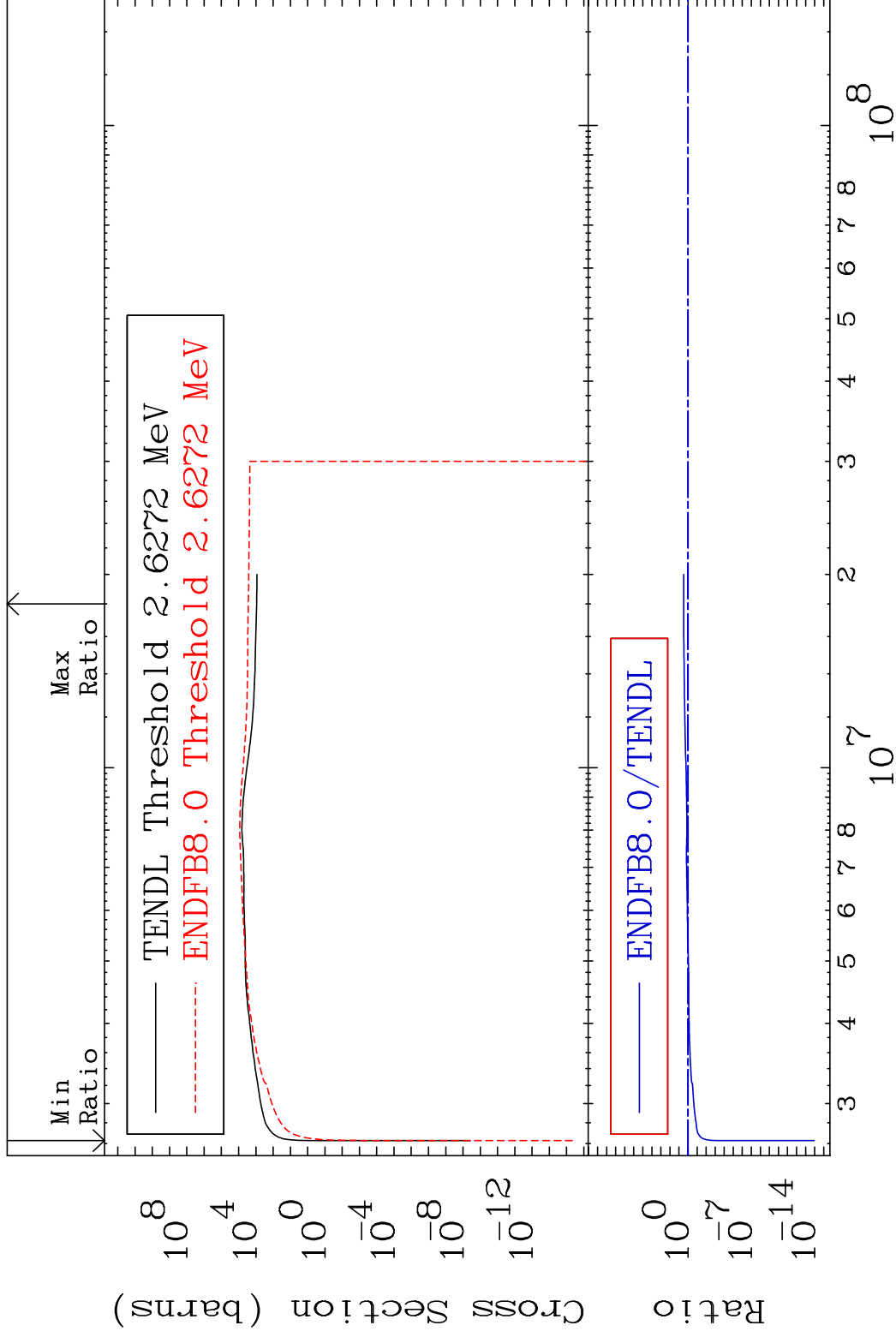
Cross Section -77.77 To 493.7 %



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Incident Energy (eV)

82-Pb-208



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

