

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

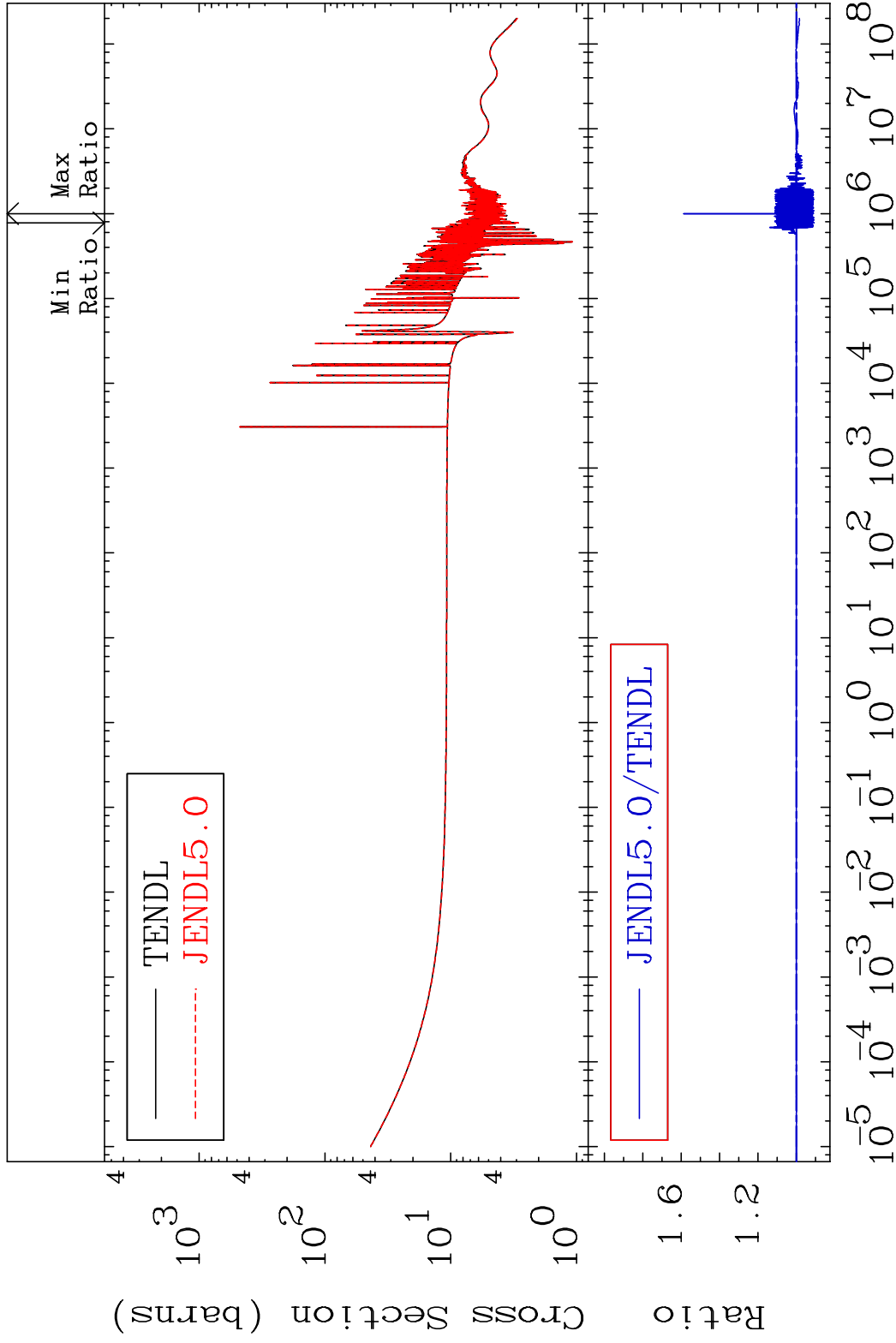
MAT 8234

Total

82-Pb-207

Cross Section

-9.245 To 58.70 %



1

Incident Energy (eV)

82-Pb-207

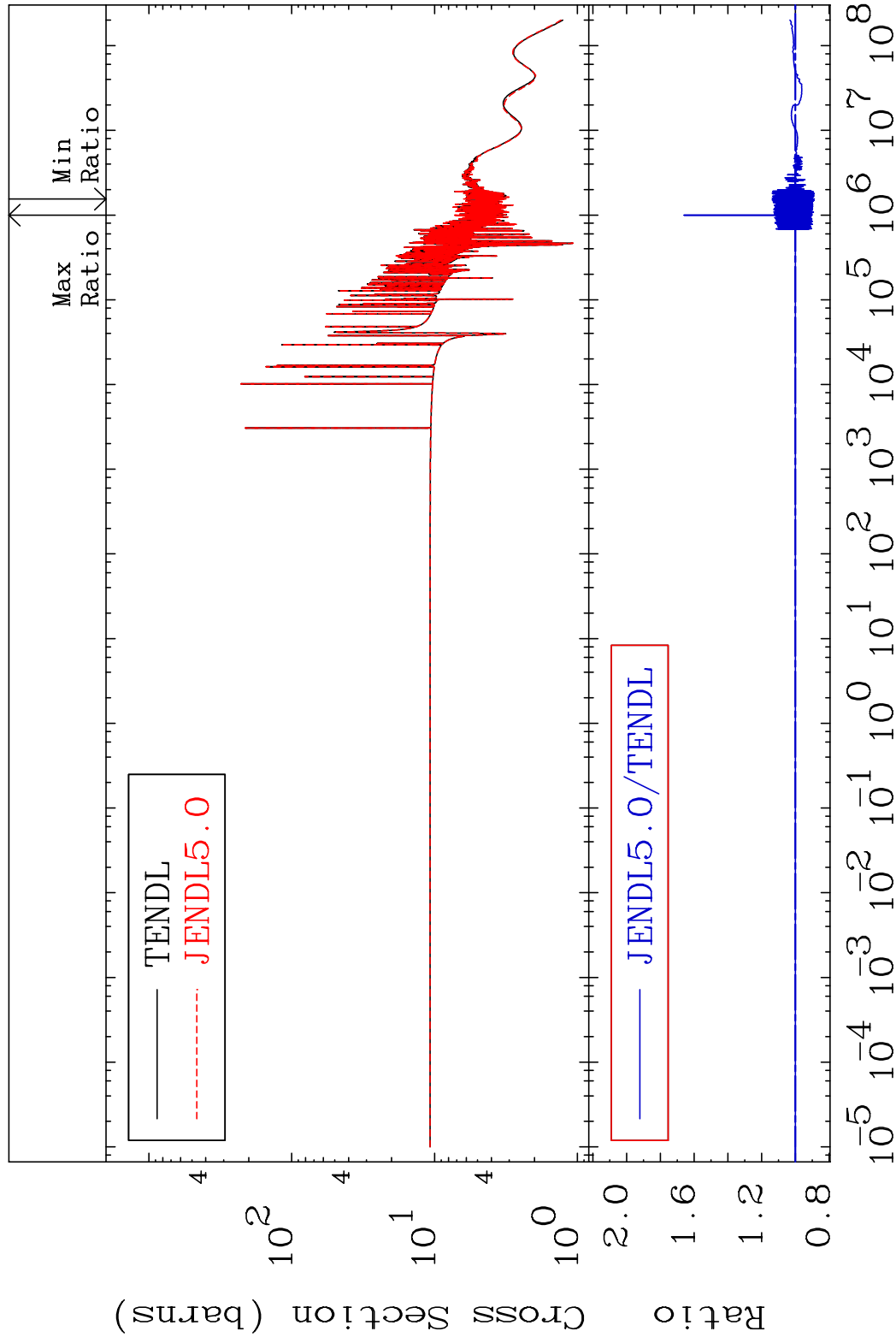
MAT 8234

Elastic

82-Pb-207

Cross Section

-11.22 To 65.99 %

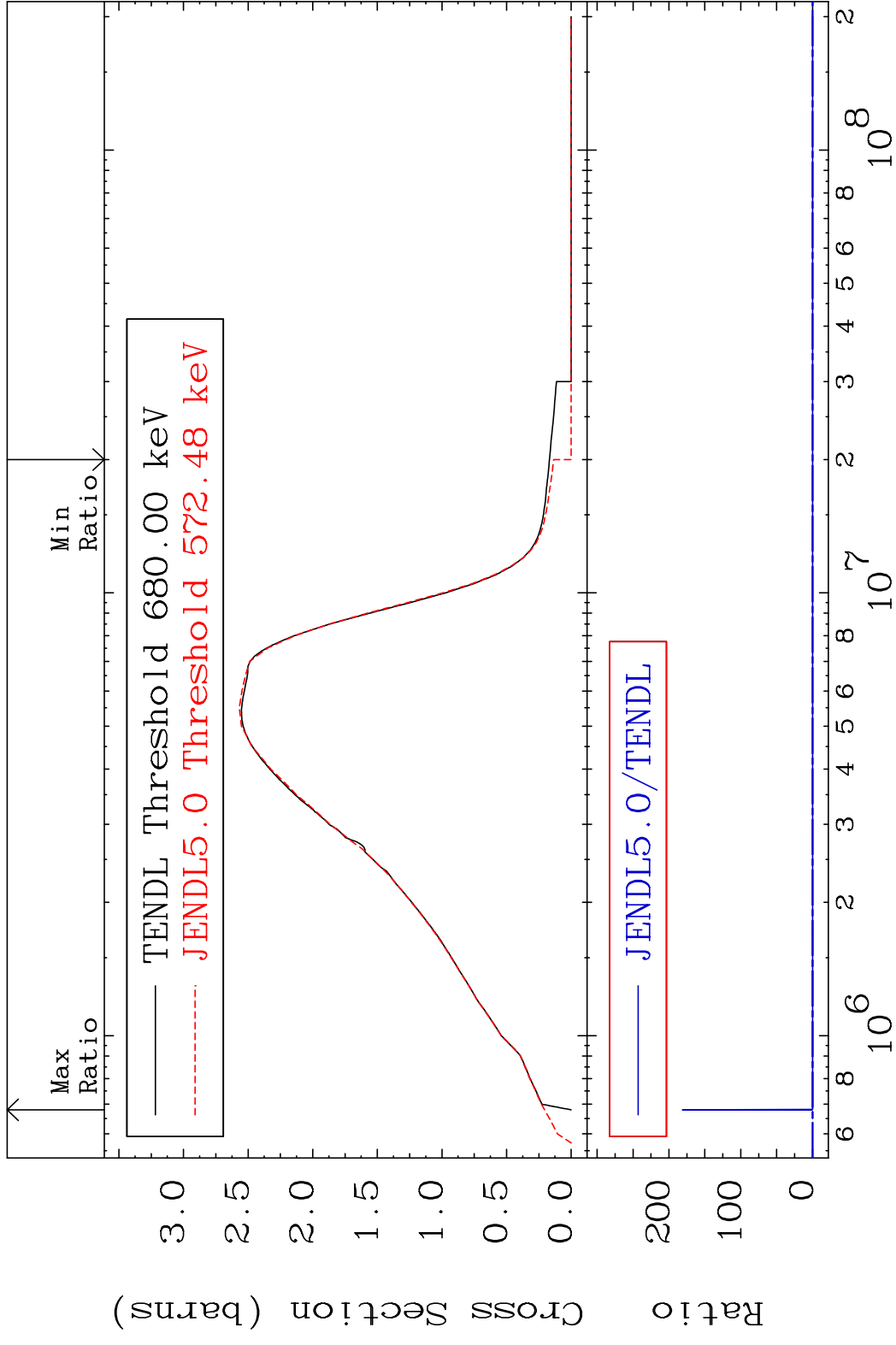


2

Incident Energy (eV)

82-Pb-207

MAT 8234 Inelastic 82-Pb-207
 Cross Section -100.0 To 9999. %

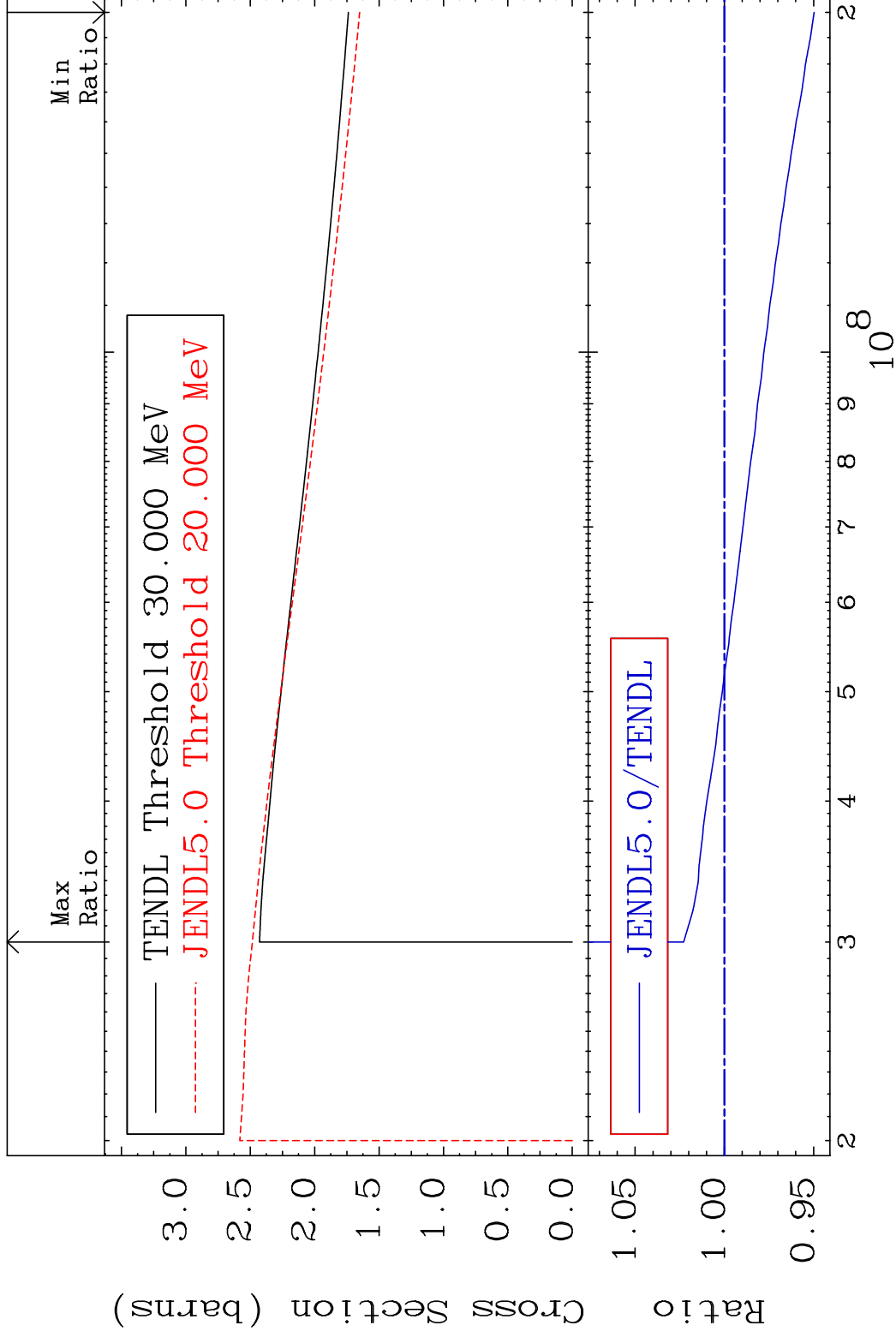


MAT 8234

(n, remainder)

82-Pb-207

Cross Section -5.028 To 2.281 %



4

Incident Energy (eV)

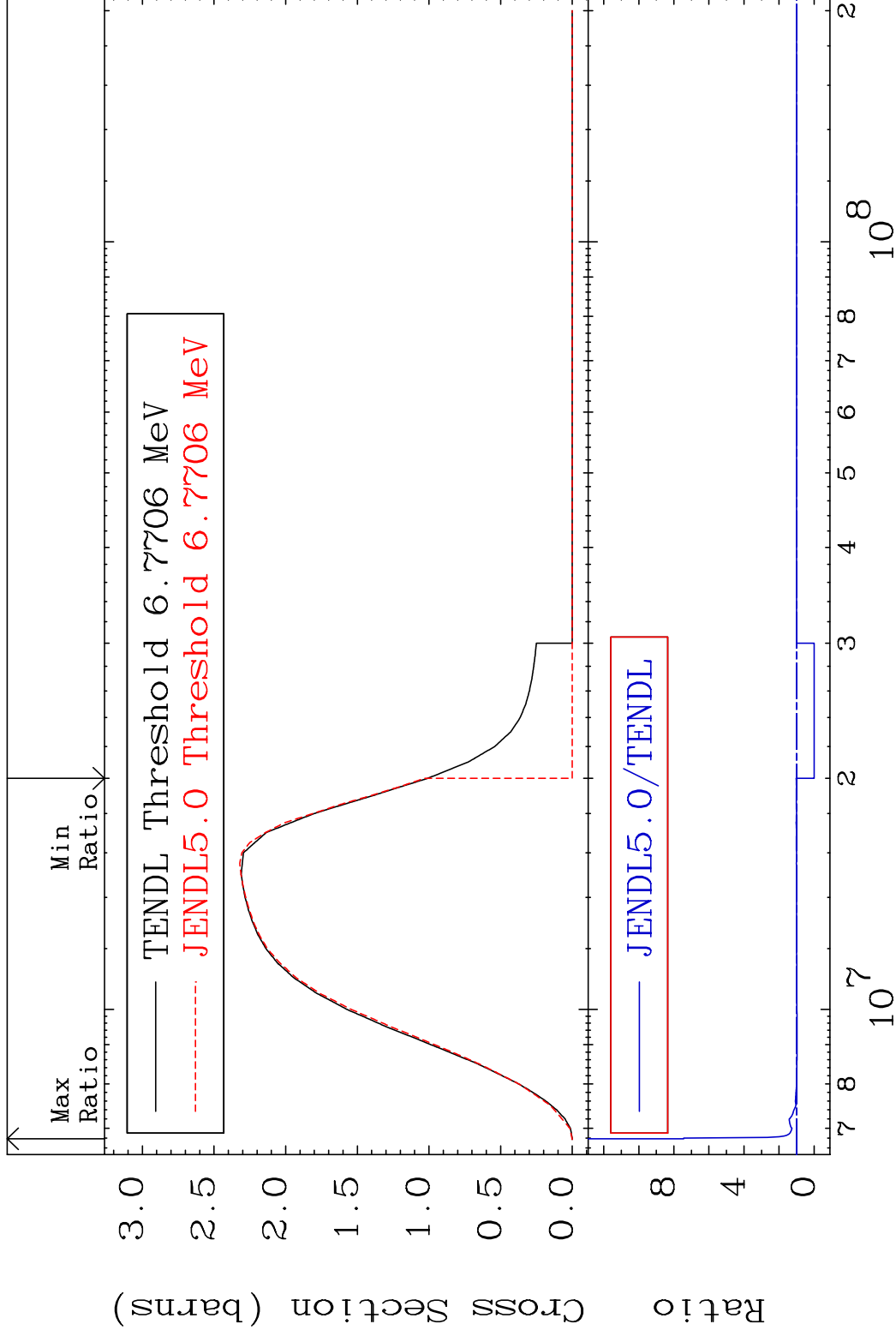
82-Pb-207

MAT 8234

(n,2n)

82-Pb-207

Cross Section -100.0 To 644.2 %

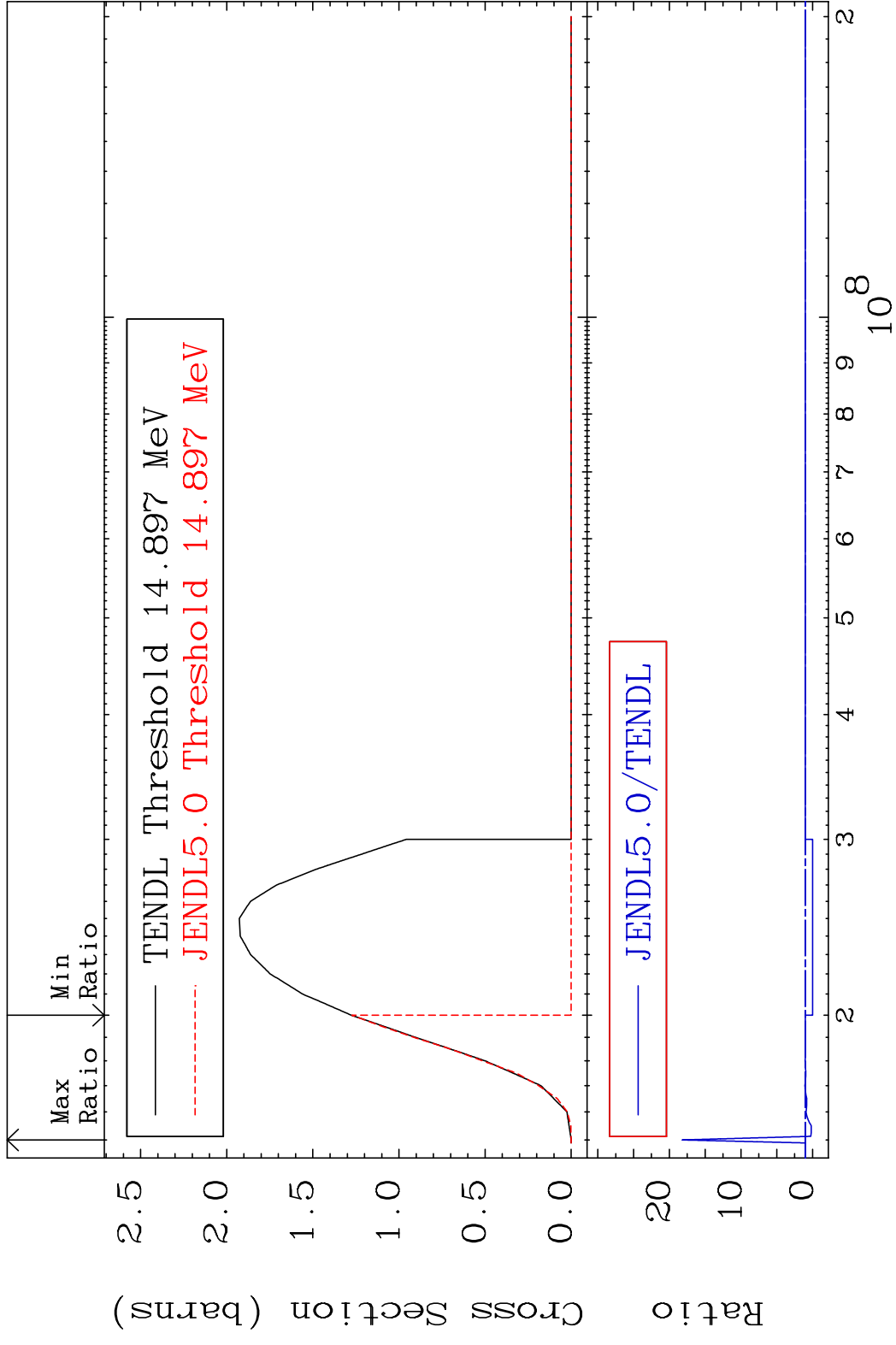


5

Incident Energy (eV)

82-Pb-207

MAT 8234 (n,3n) 82-Pb-207
 Cross Section -100.0 To 1719. %

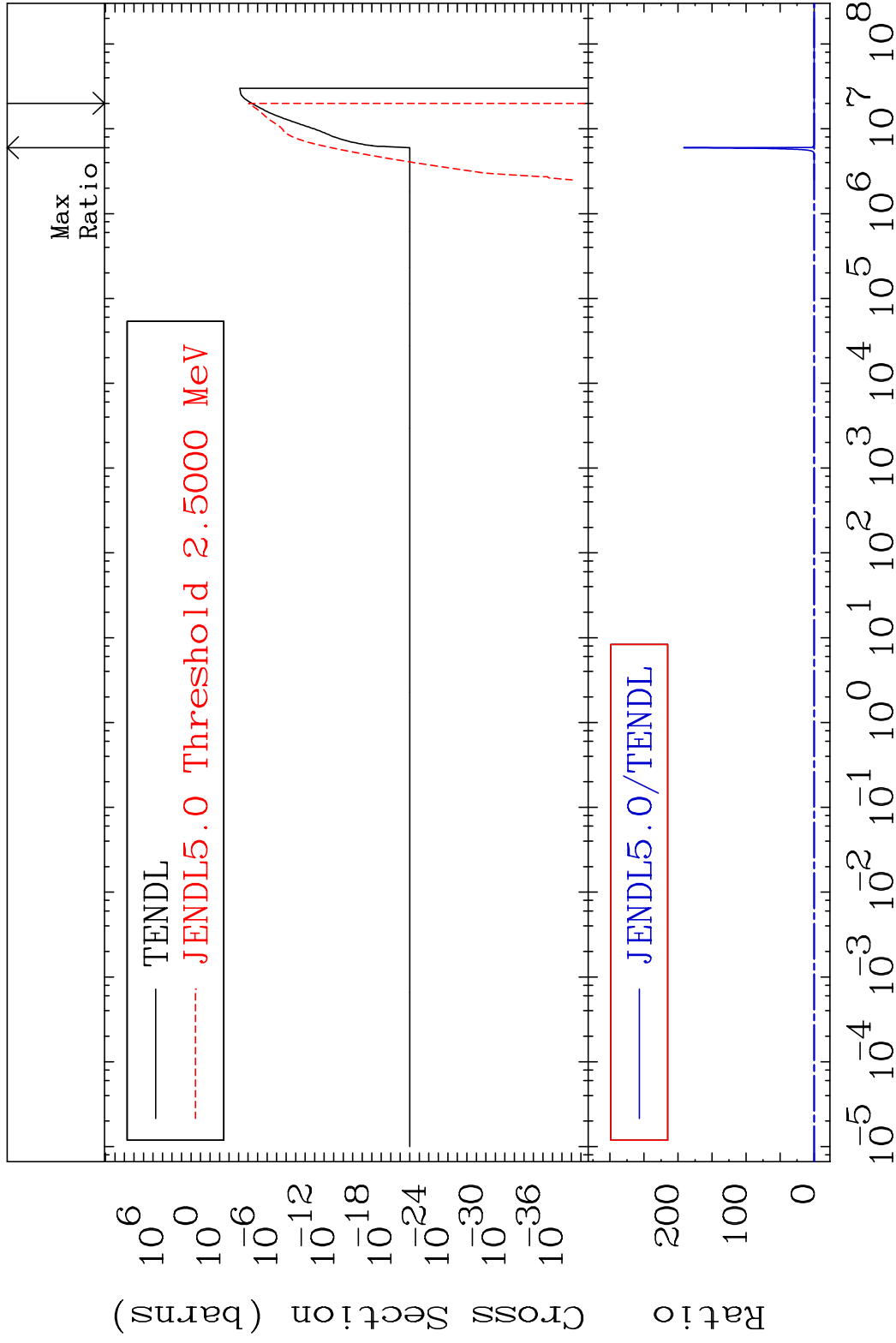


MAT 8234

(n, n') α

82-Pb-207

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

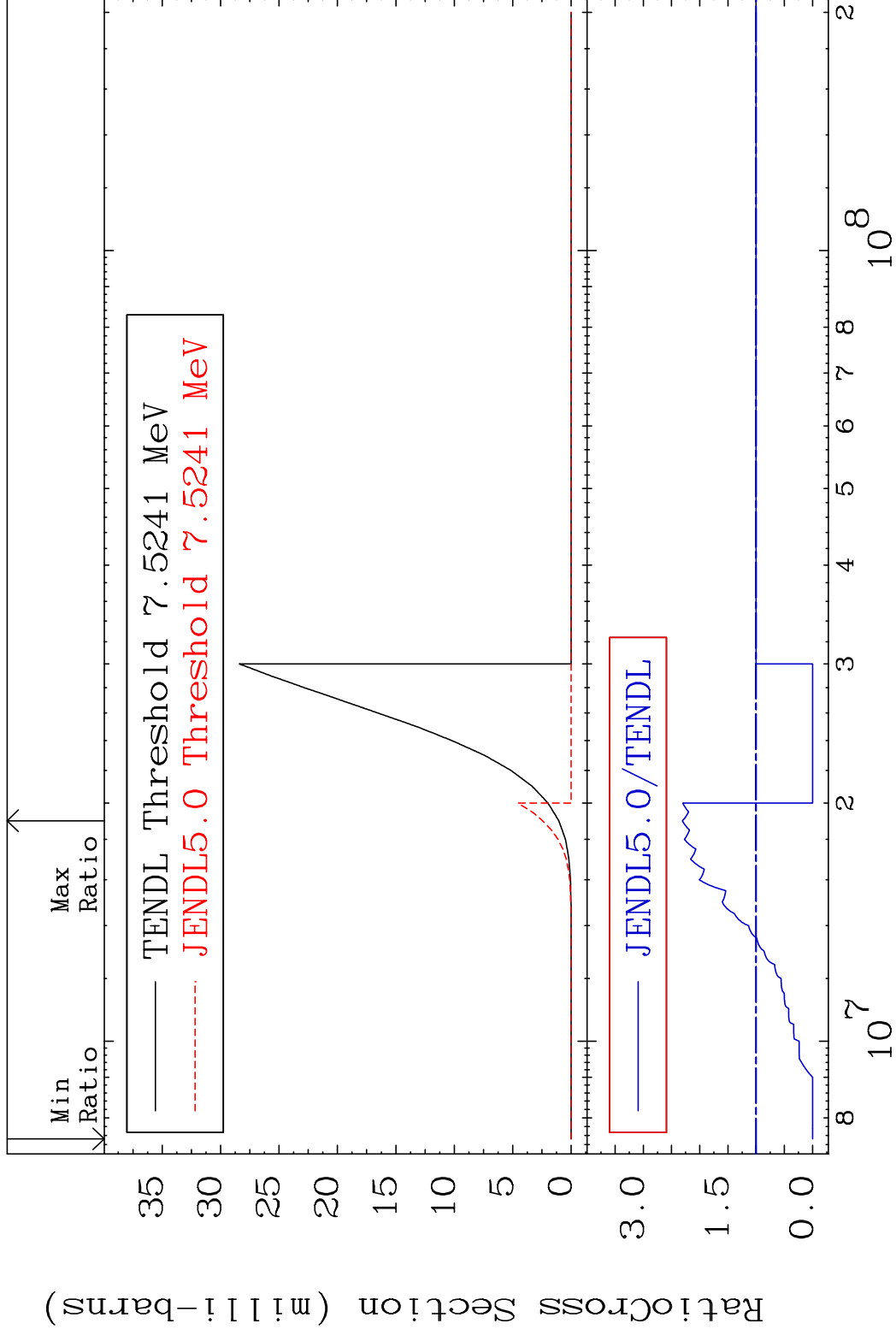
82-Pb-207

MAT 8234

(n, n') p

82-Pb-207

Cross Section -100.0 To 130.8 %

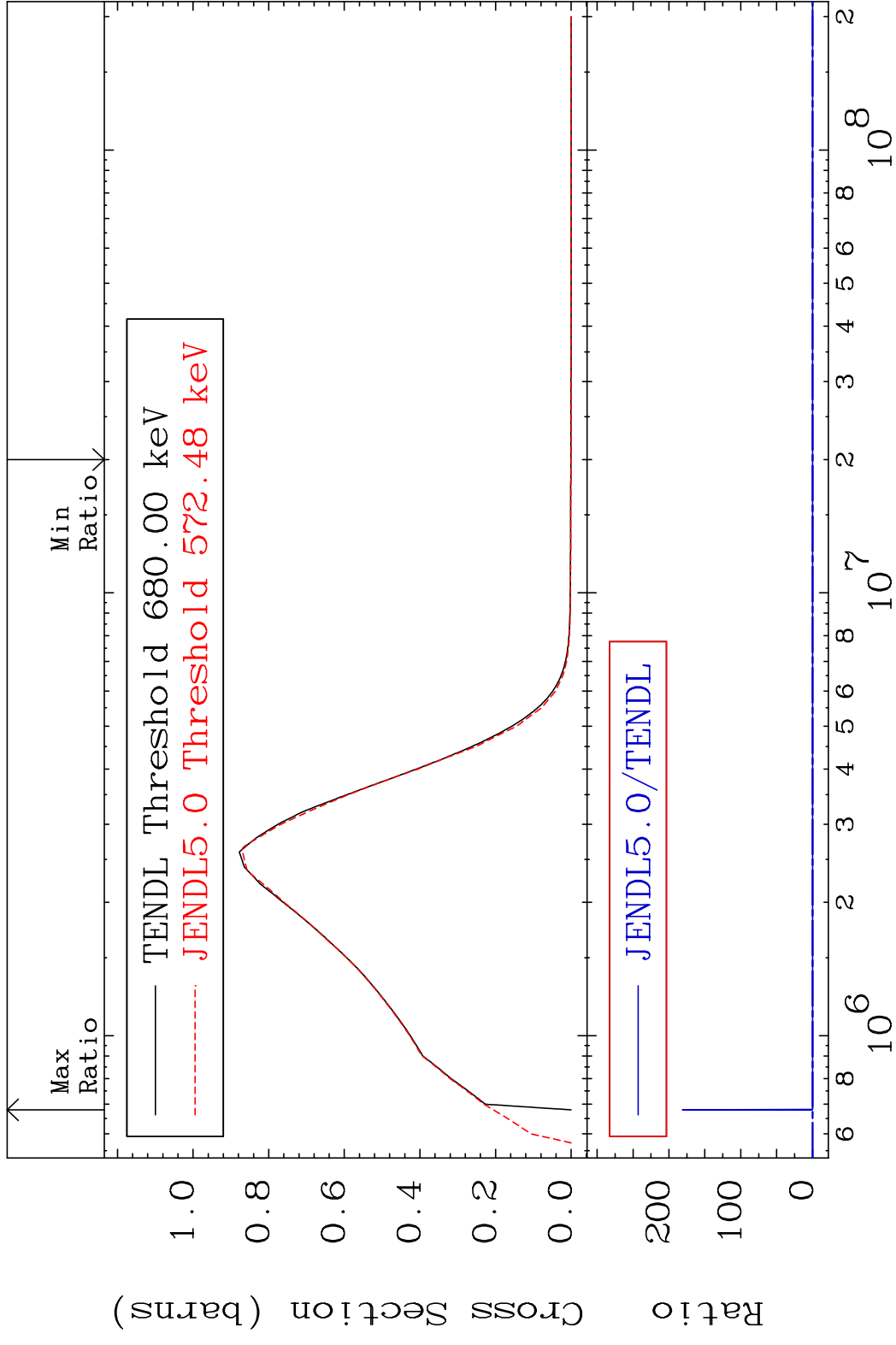


8

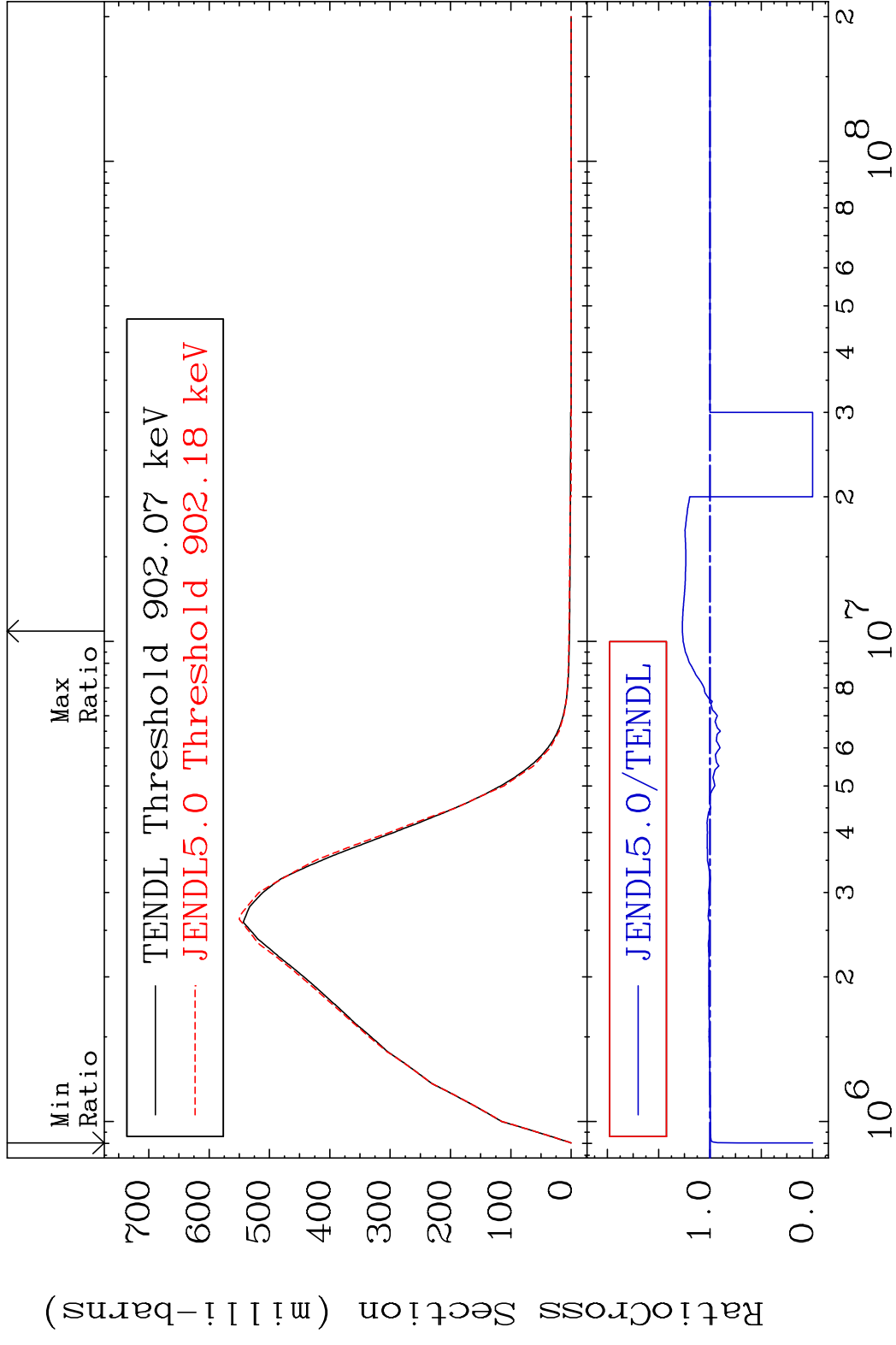
Incident Energy (eV)

82-Pb-207

MAT 8234 MT= 51 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 9999. %

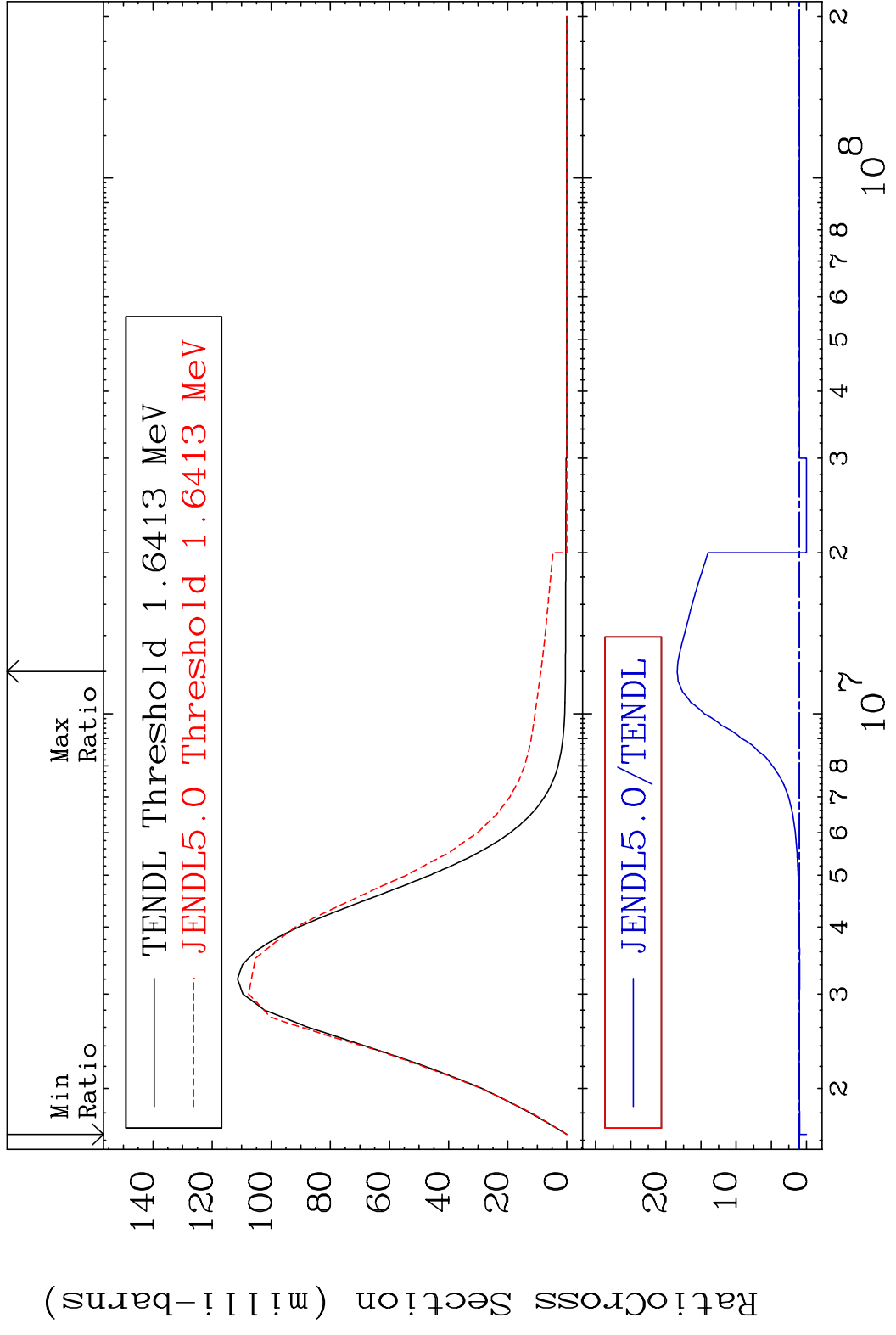


MAT 8234 MT= 52 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 26.93 %

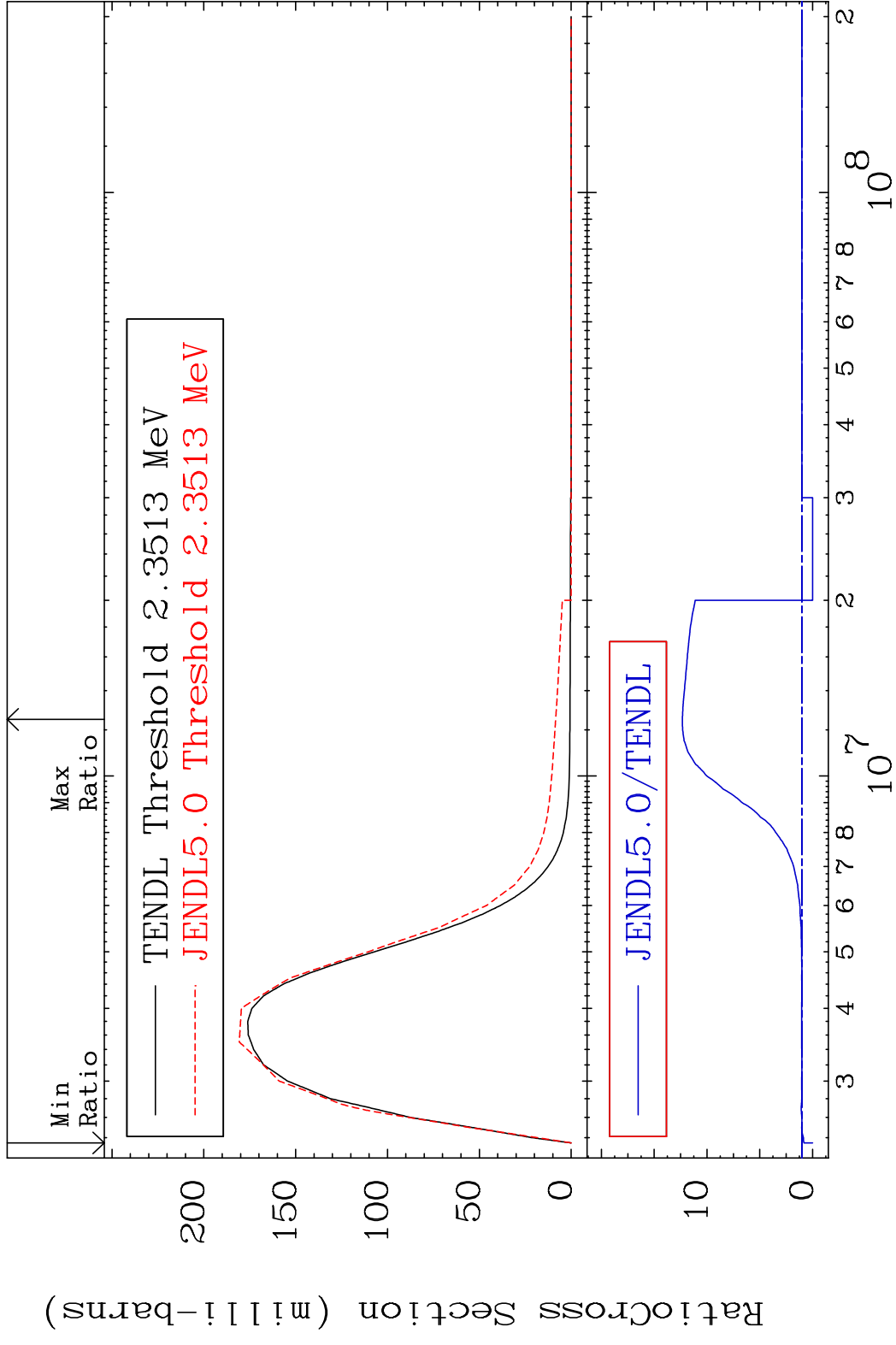


10 10⁶ 10⁷ 10⁸ 2 82-Pb-207

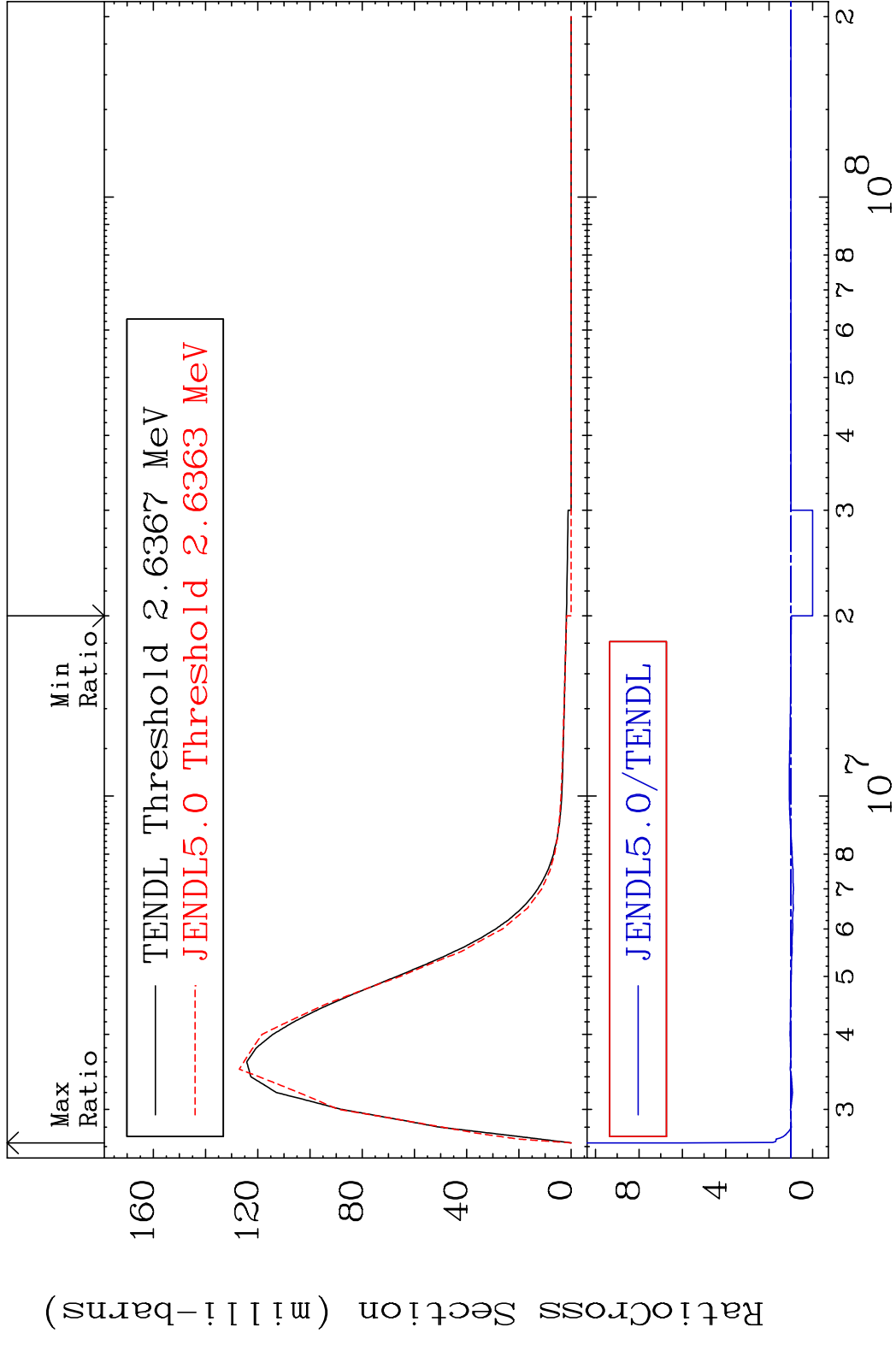
MAT 8234 MT= 53 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1739. %



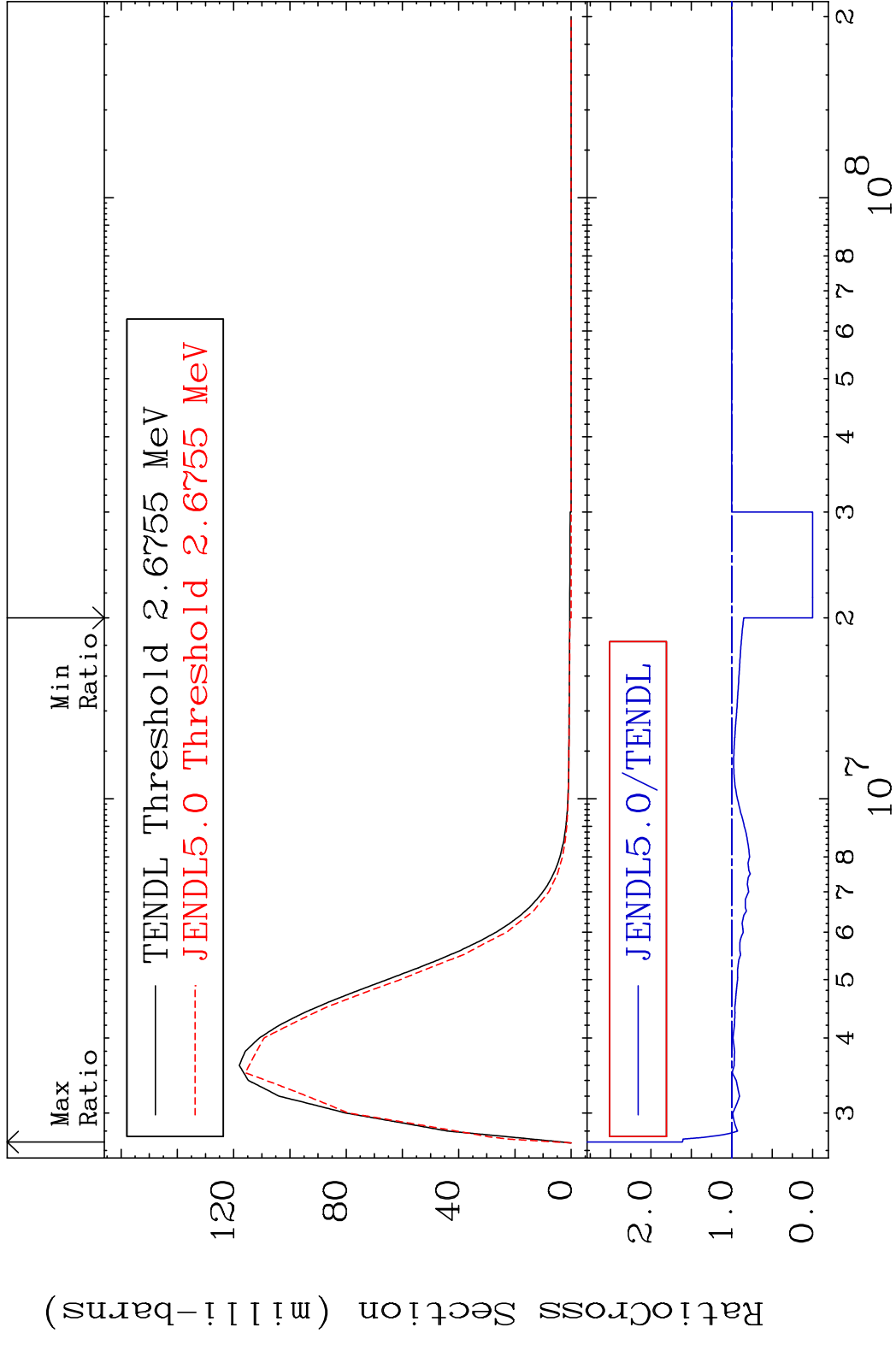
MAT 8234 MT= 54 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1133. %



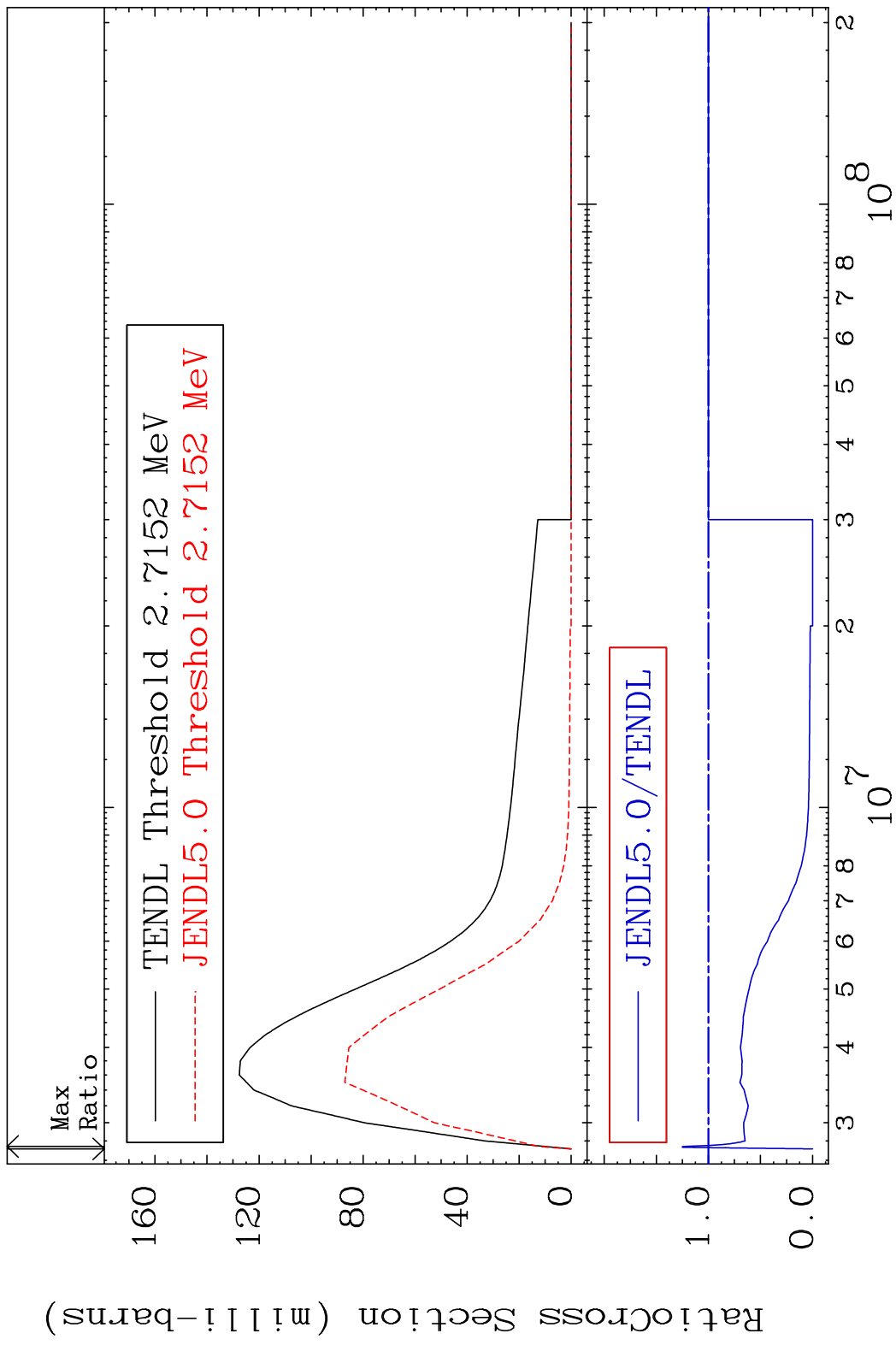
MAT 8234 MT= 55 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 500.0 %



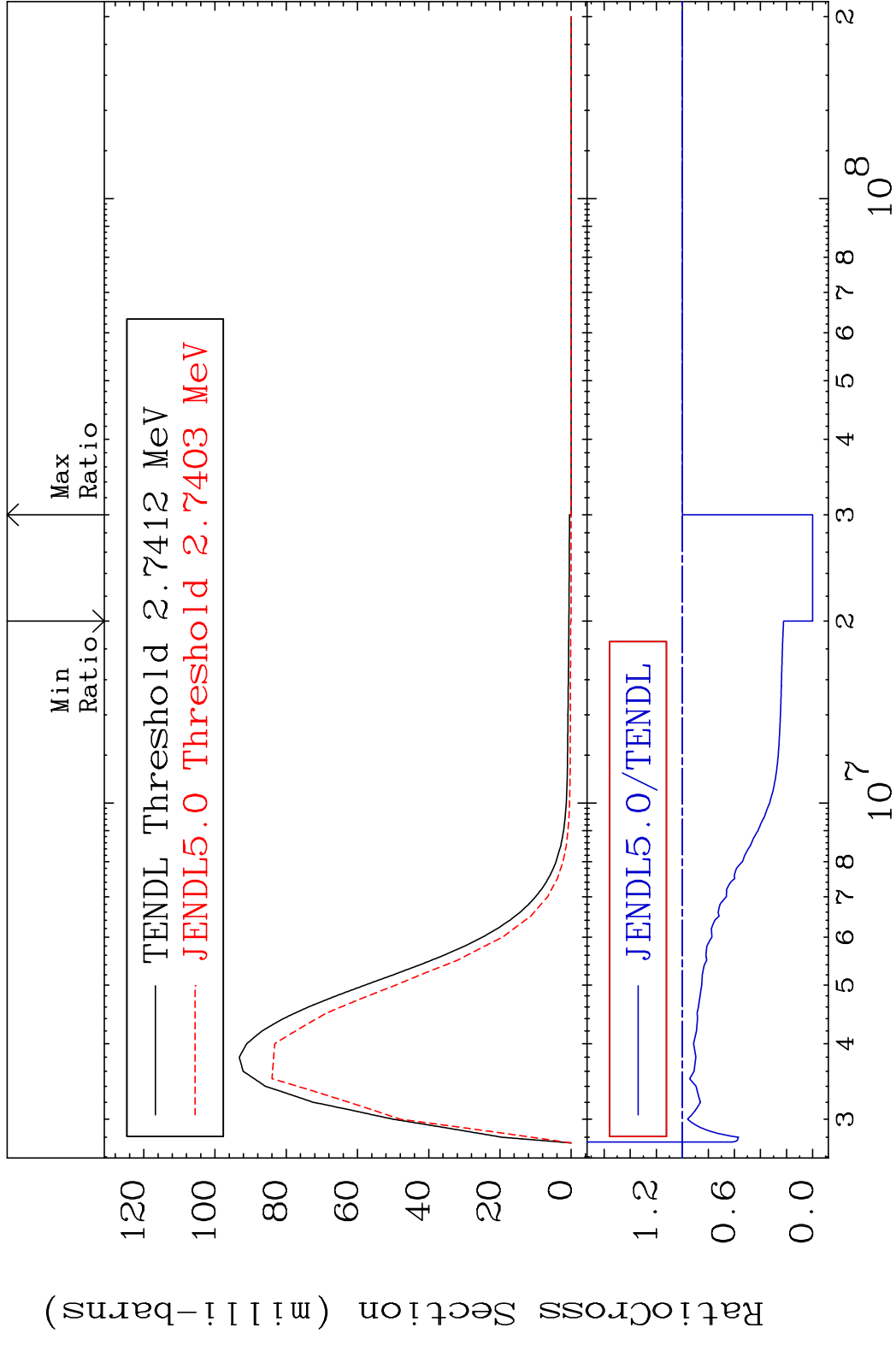
MAT 8234 MT= 56 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 61.14 %



MAT 8234 MT= 57 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 25.03 %



MAT 8234 MT= 58 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %

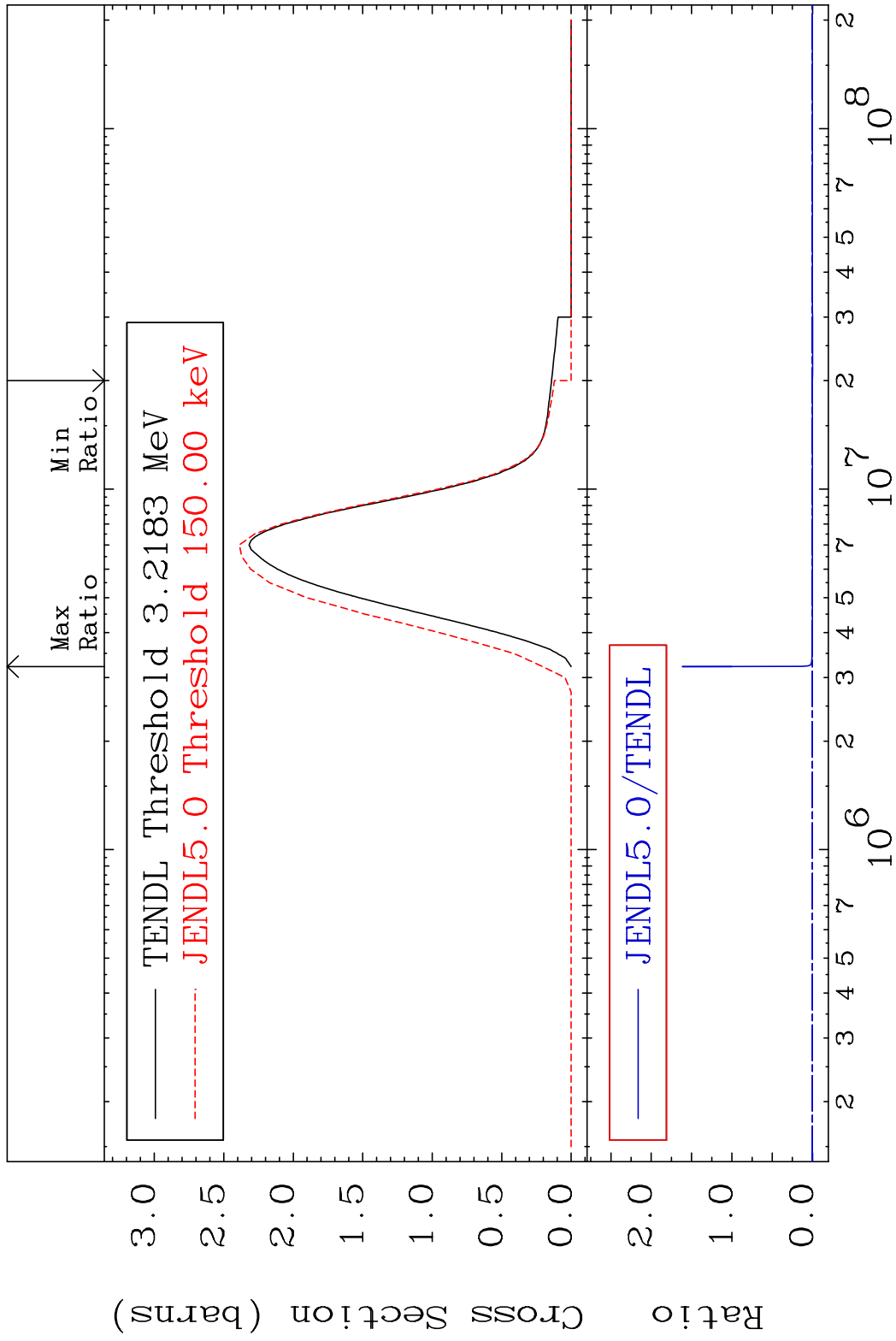


MAT 8234

(n,n') Continuum

82-Pb-207

Cross Section -100.0 To 9999. %

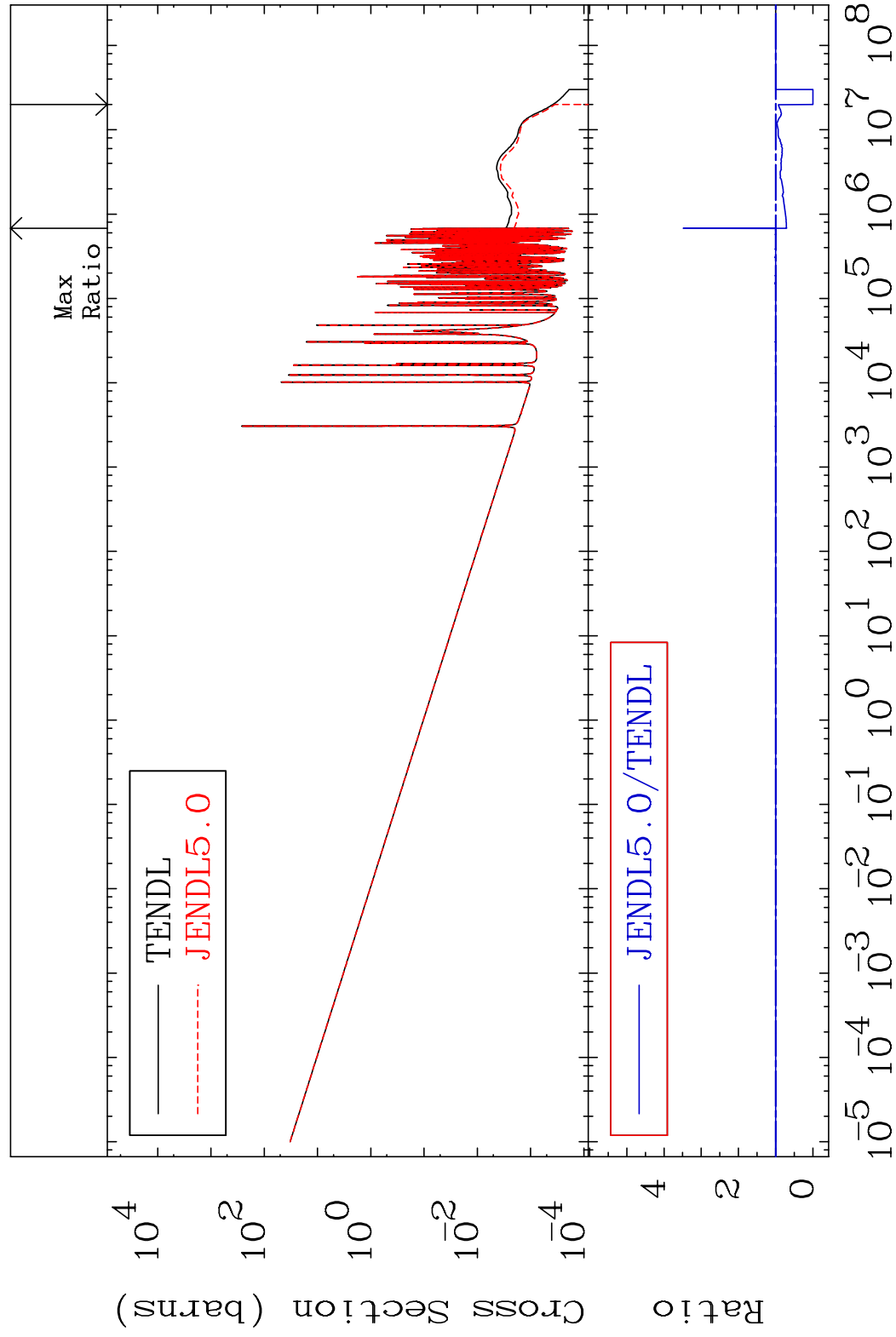


MAT 8234

(n, γ)

82-Pb-207

Cross Section -100.0 To 248.5 %



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Incident Energy (eV)

82-Pb-207

MAT 8234

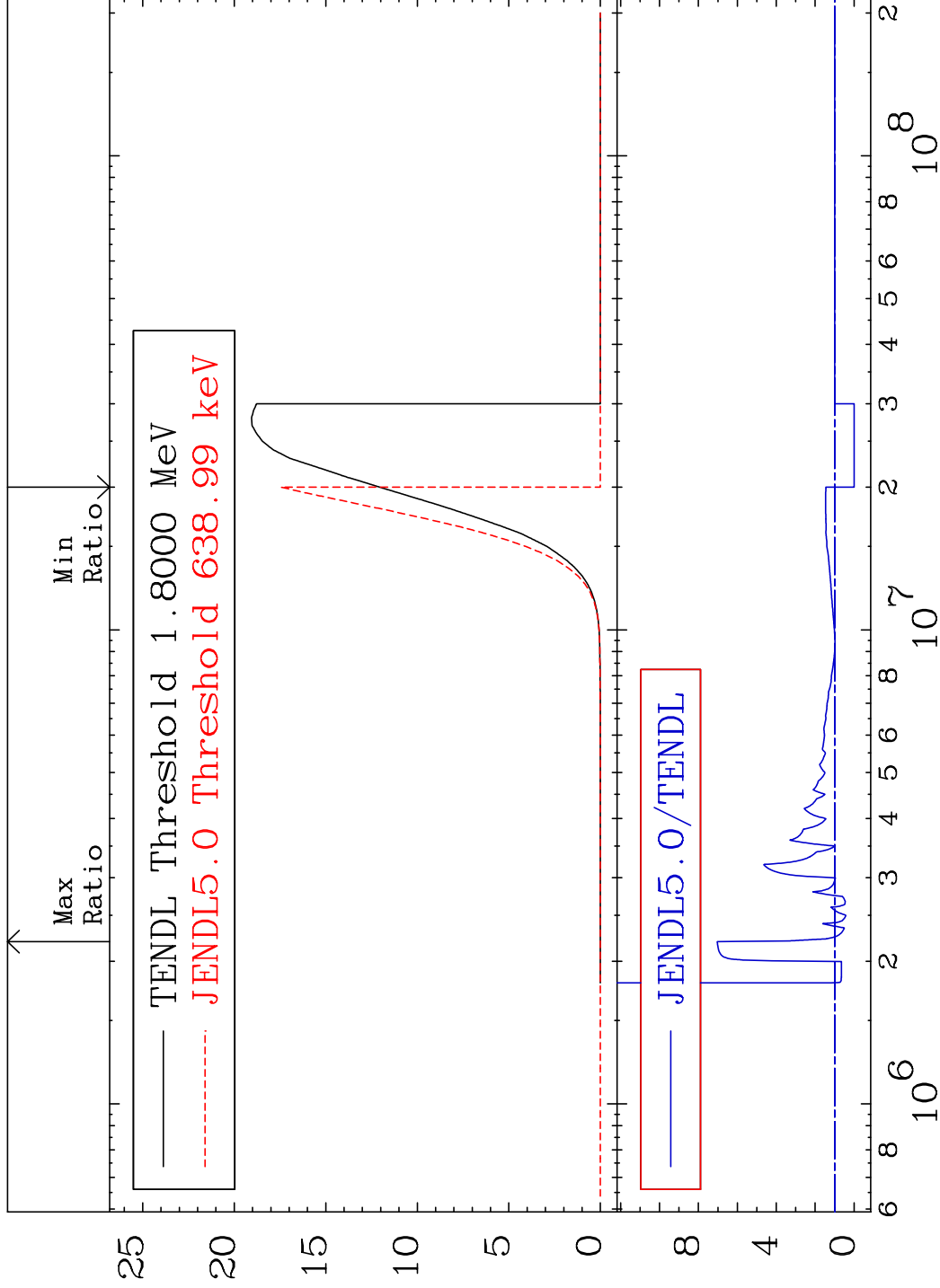
(n, p)

82-Pb-207

Cross Section

-100.0 To 603.4 %

RatioCross Section (milli-barns)



19

Incident Energy (eV)

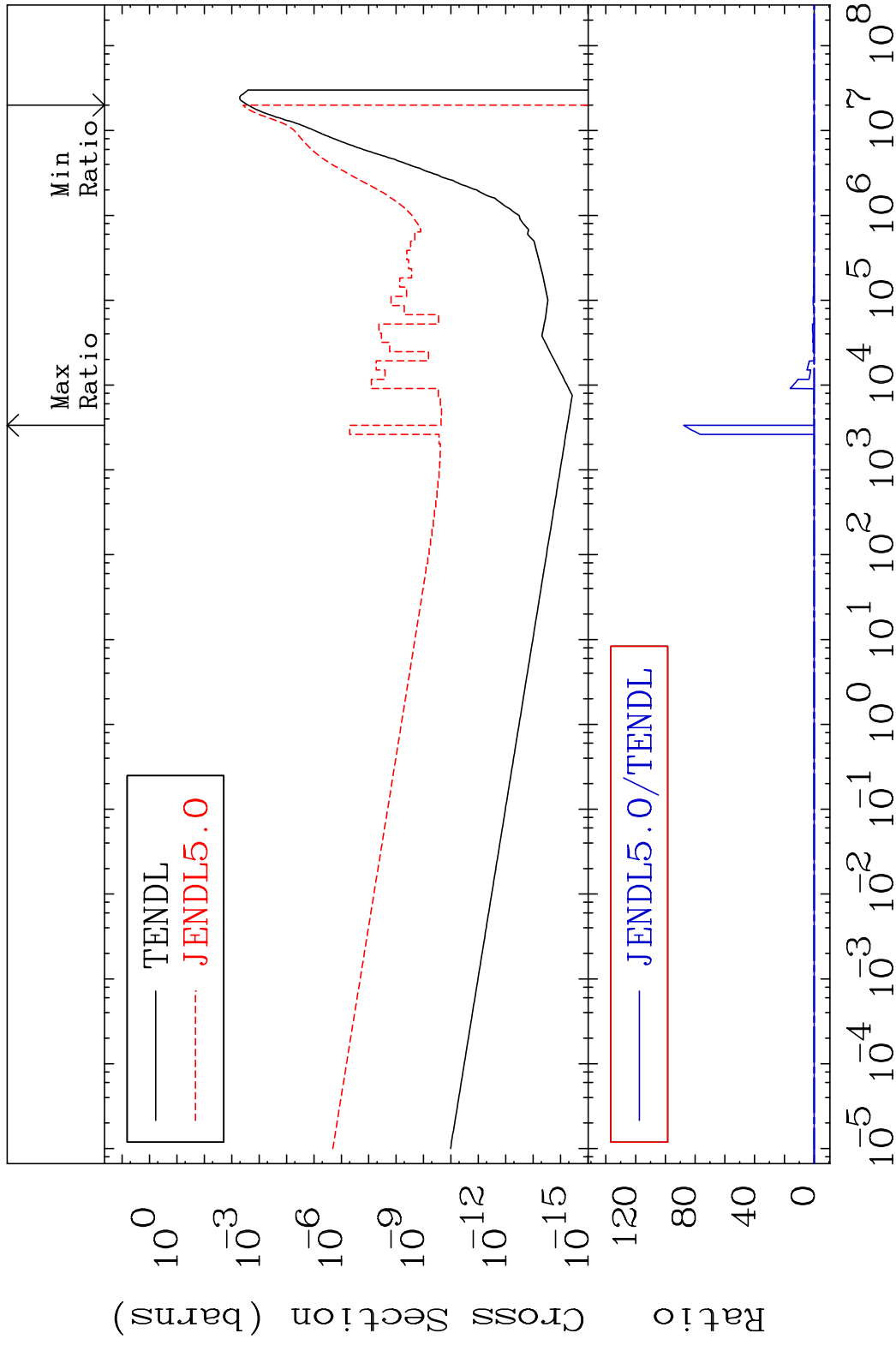
82-Pb-207

MAT 8234

(n, α)

82-Pb-207

Cross Section -100.0 To 9999. %

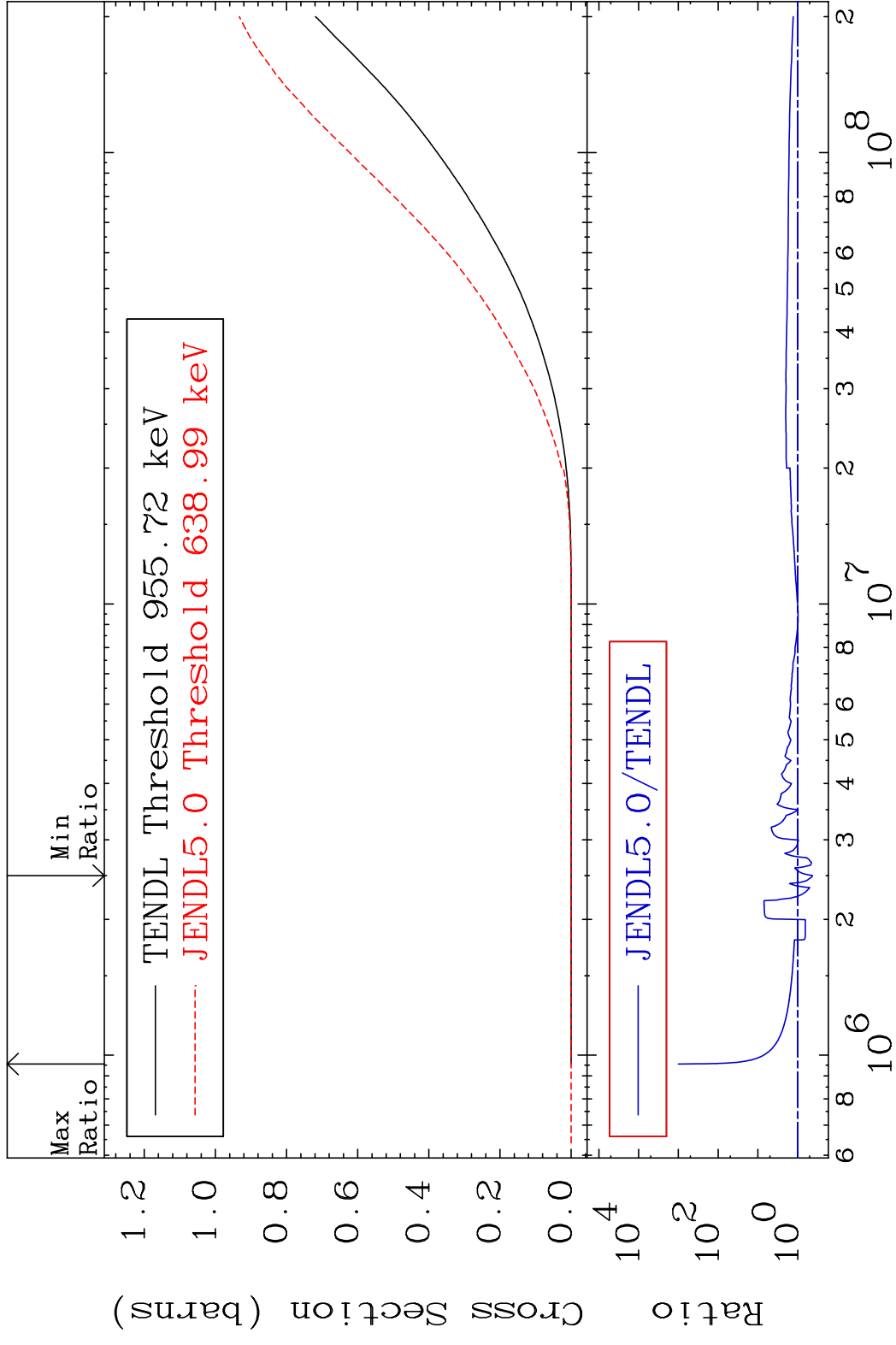


20

Incident Energy (eV)

82-Pb-207

MAT 8234 Hydrogen Production 82-Pb-207
 Cross Section -57.50 To 9999. %

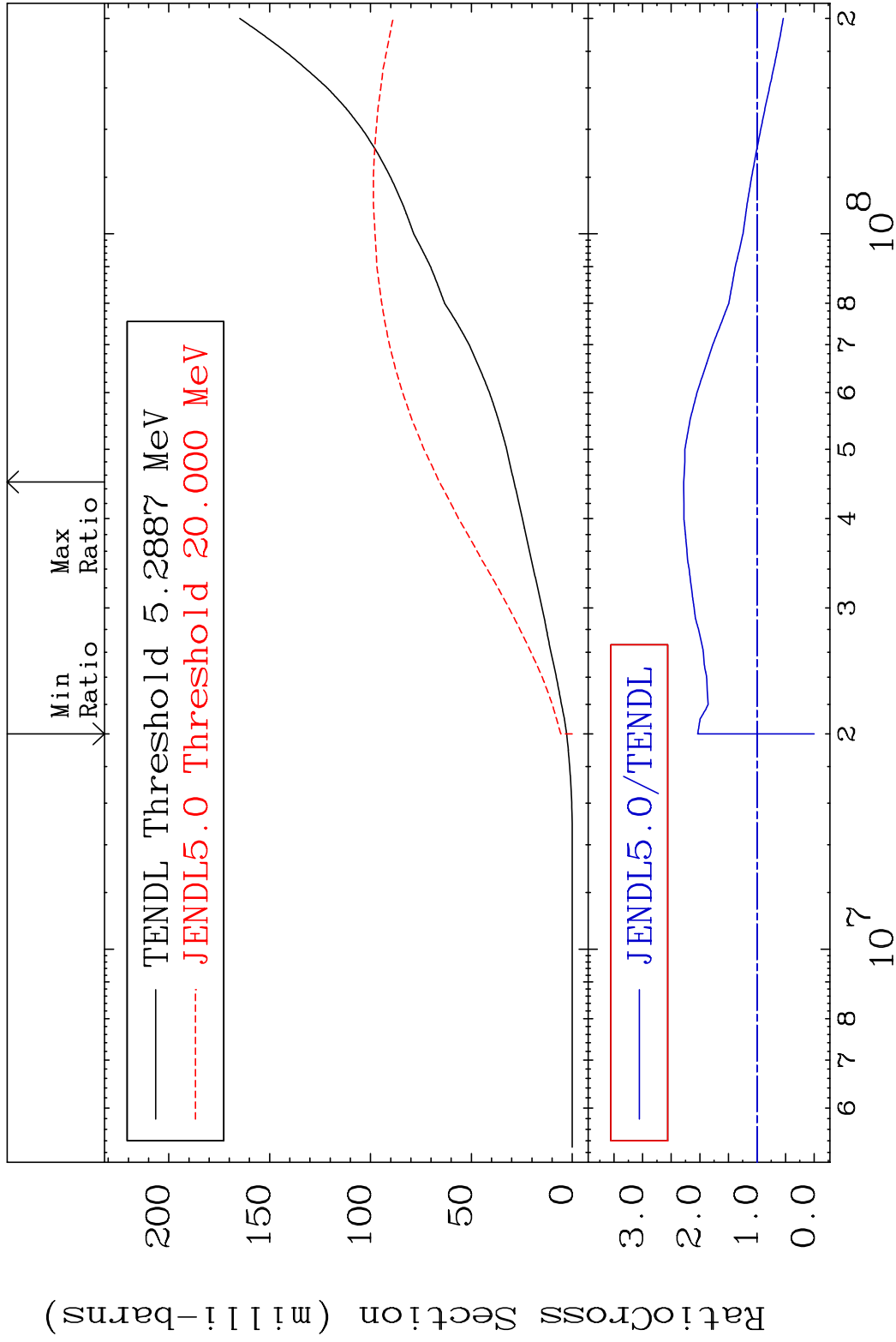


MAT 8234

Deuterium Production

82-Pb-207

Cross Section -100.0 To 128.3 %

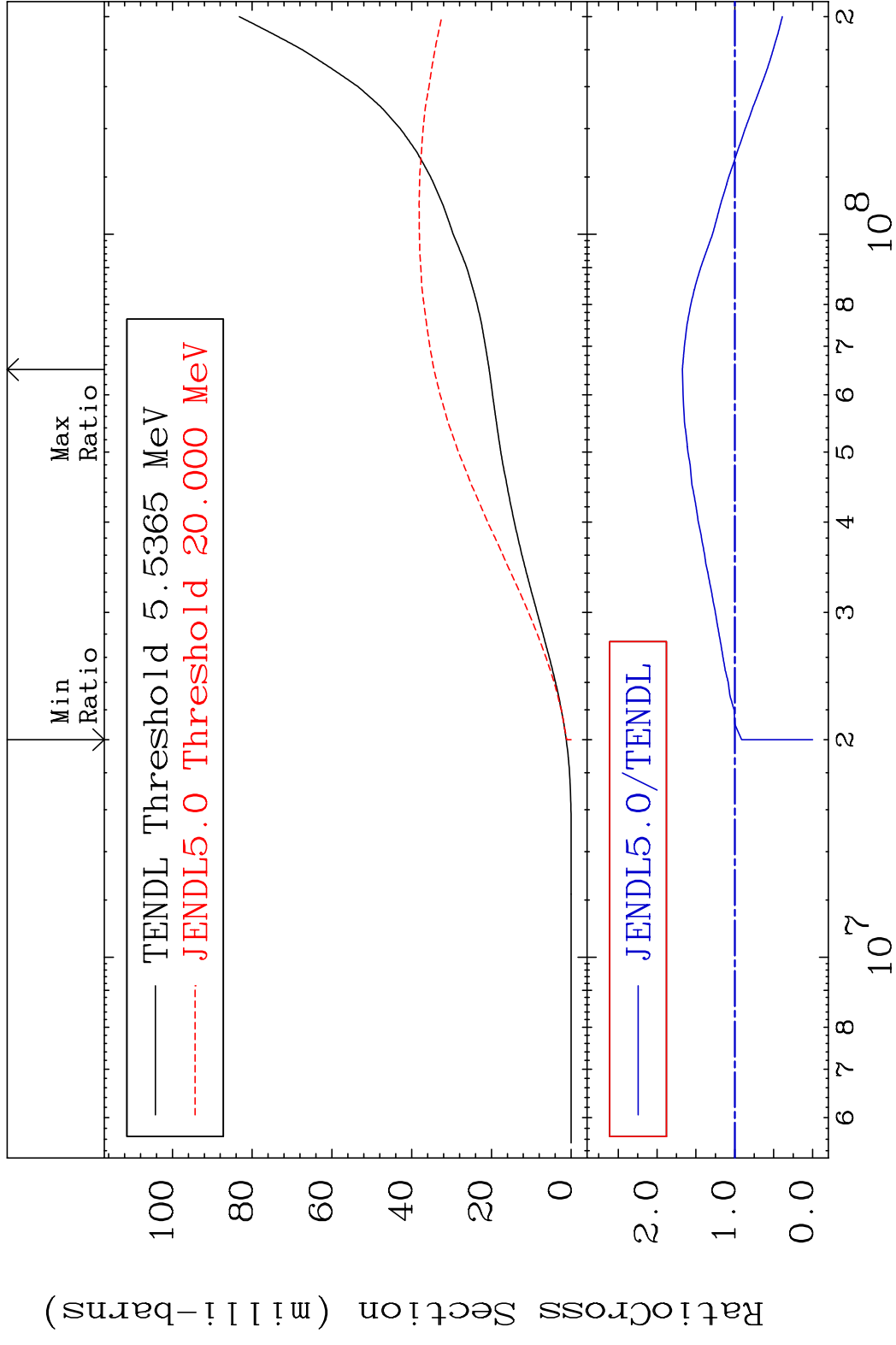


22

Incident Energy (eV)

82-Pb-207

MAT 8234 Tritium Production 82-Pb-207
 Cross Section -100.0 To 67.50 %

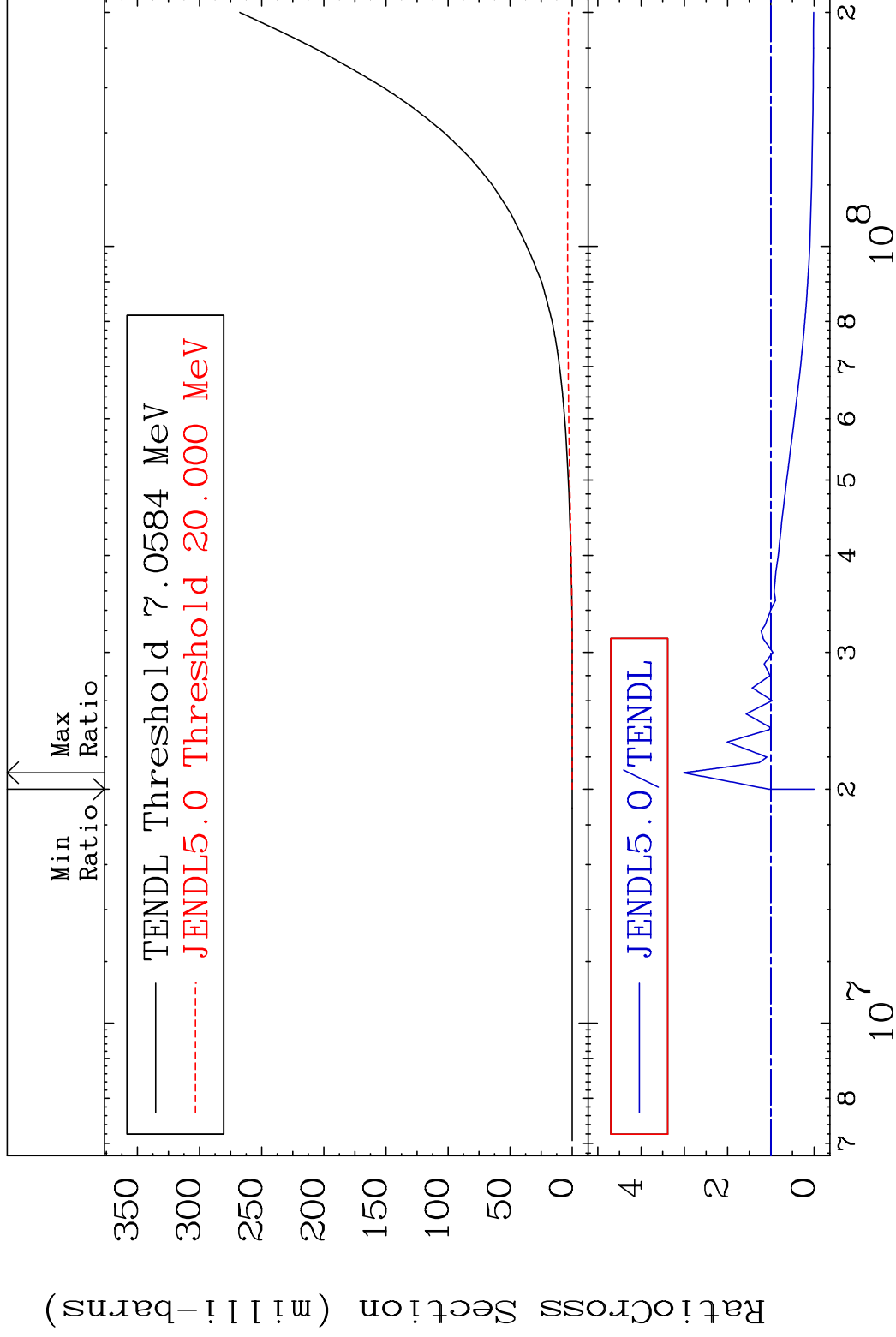


MAT 8234

He-3 Production

82-Pb-207

Cross Section -100.0 To 201.6 %



24

Incident Energy (eV)

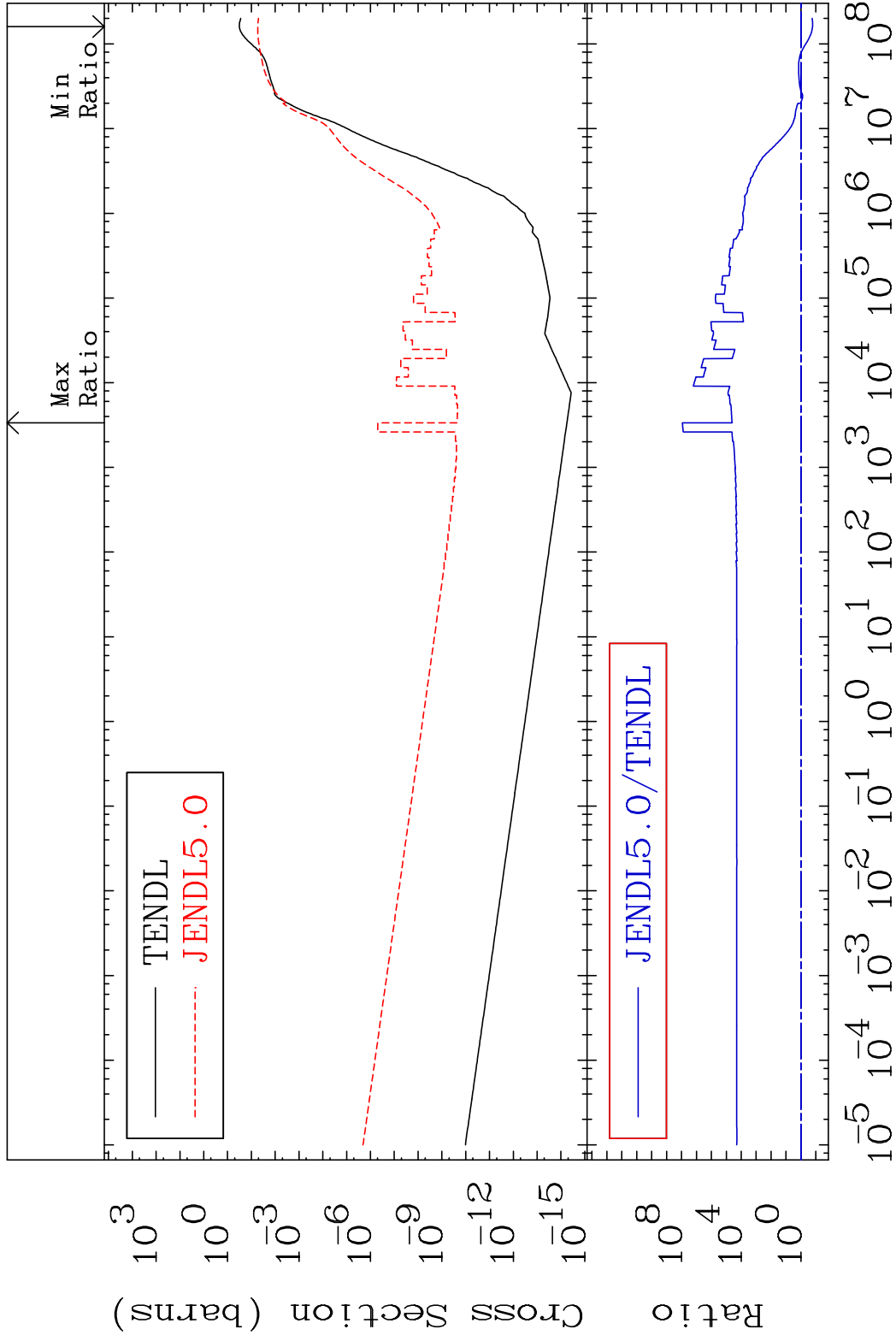
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -83.28 To 9999. %

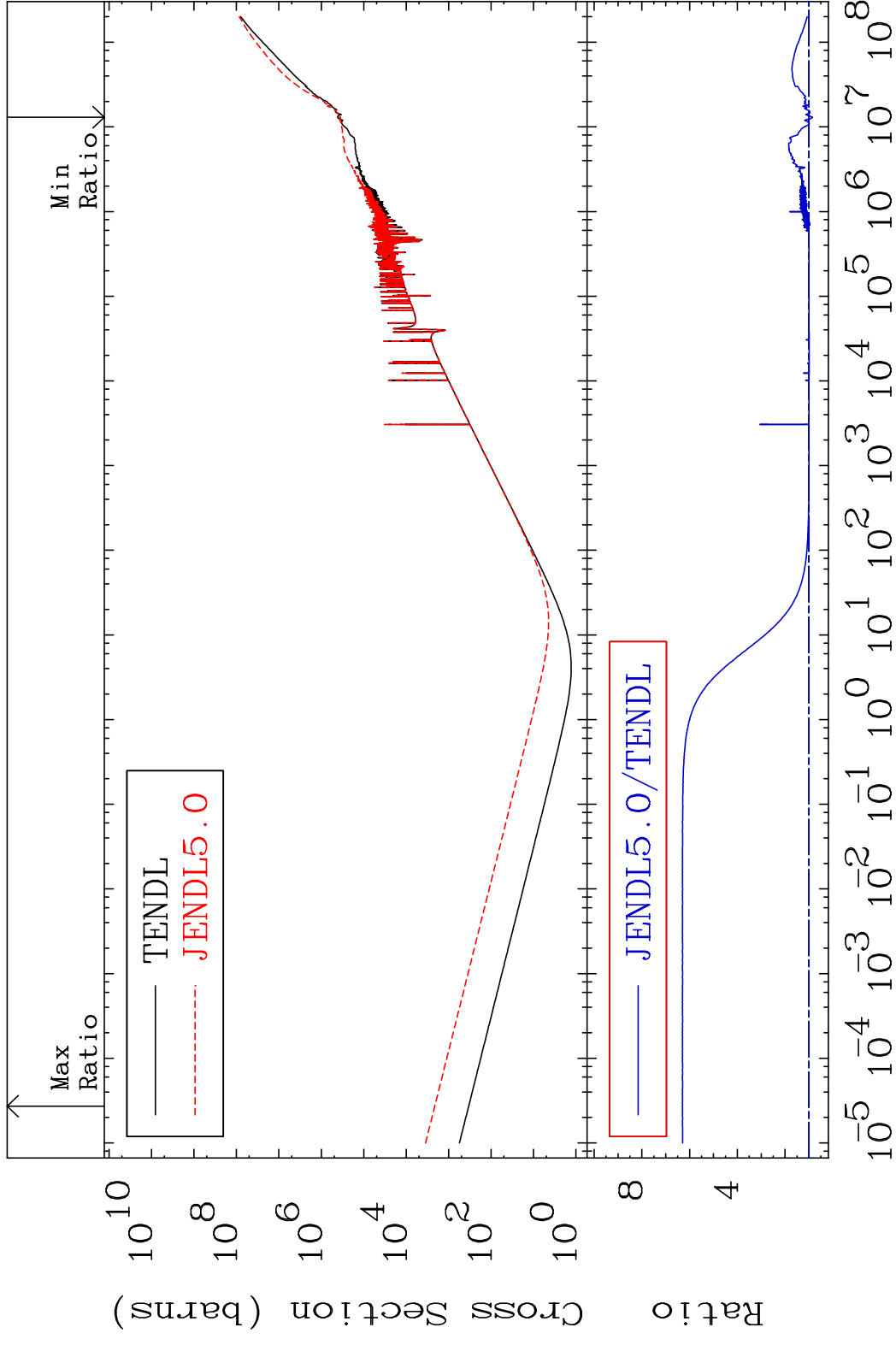


25

Incident Energy (eV)

82-Pb-207

MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -15.03 To 530.3 %

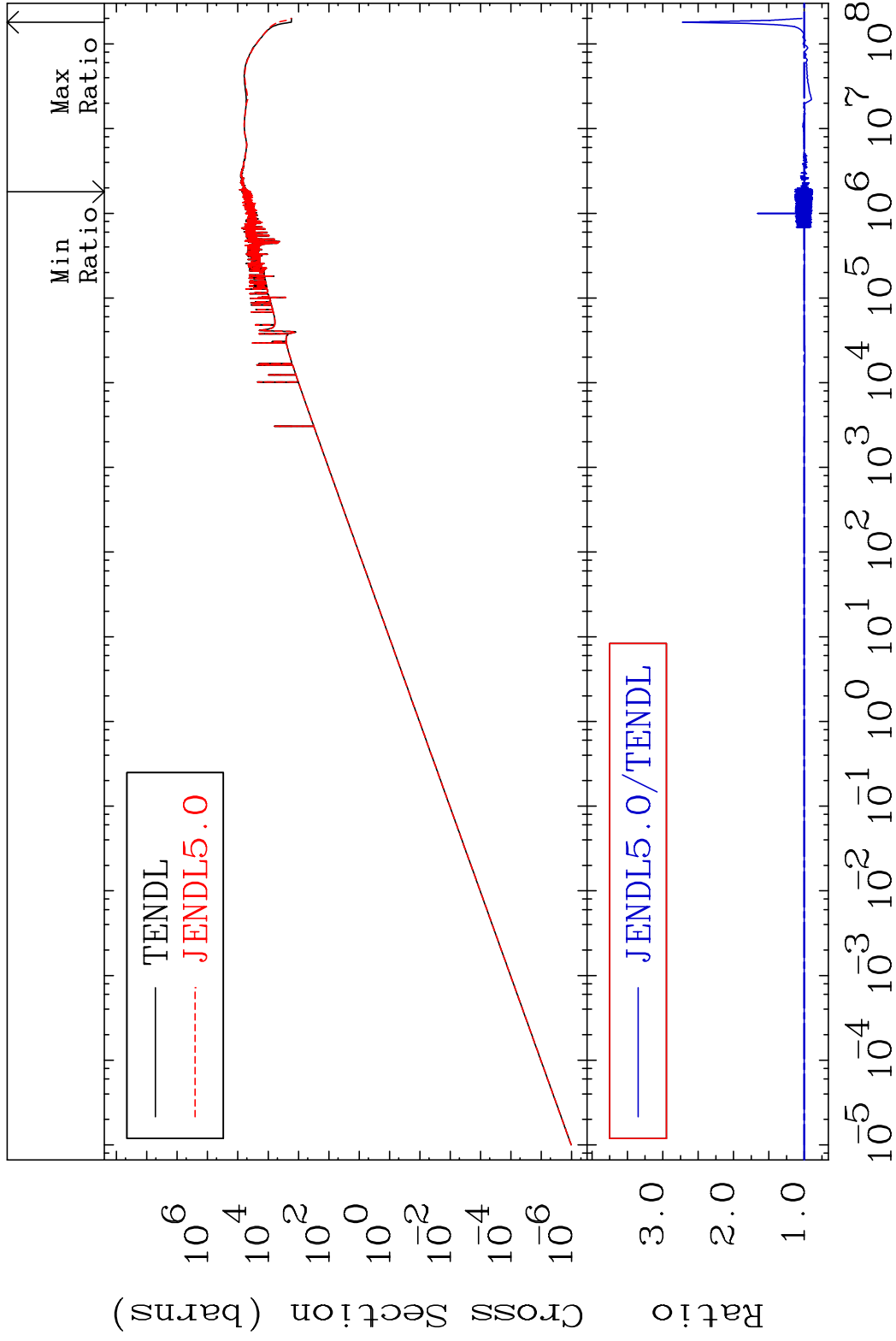


MAT 8234

Kerma elastic

82-Pb-207

Cross Section -11.79 To 172.3 %

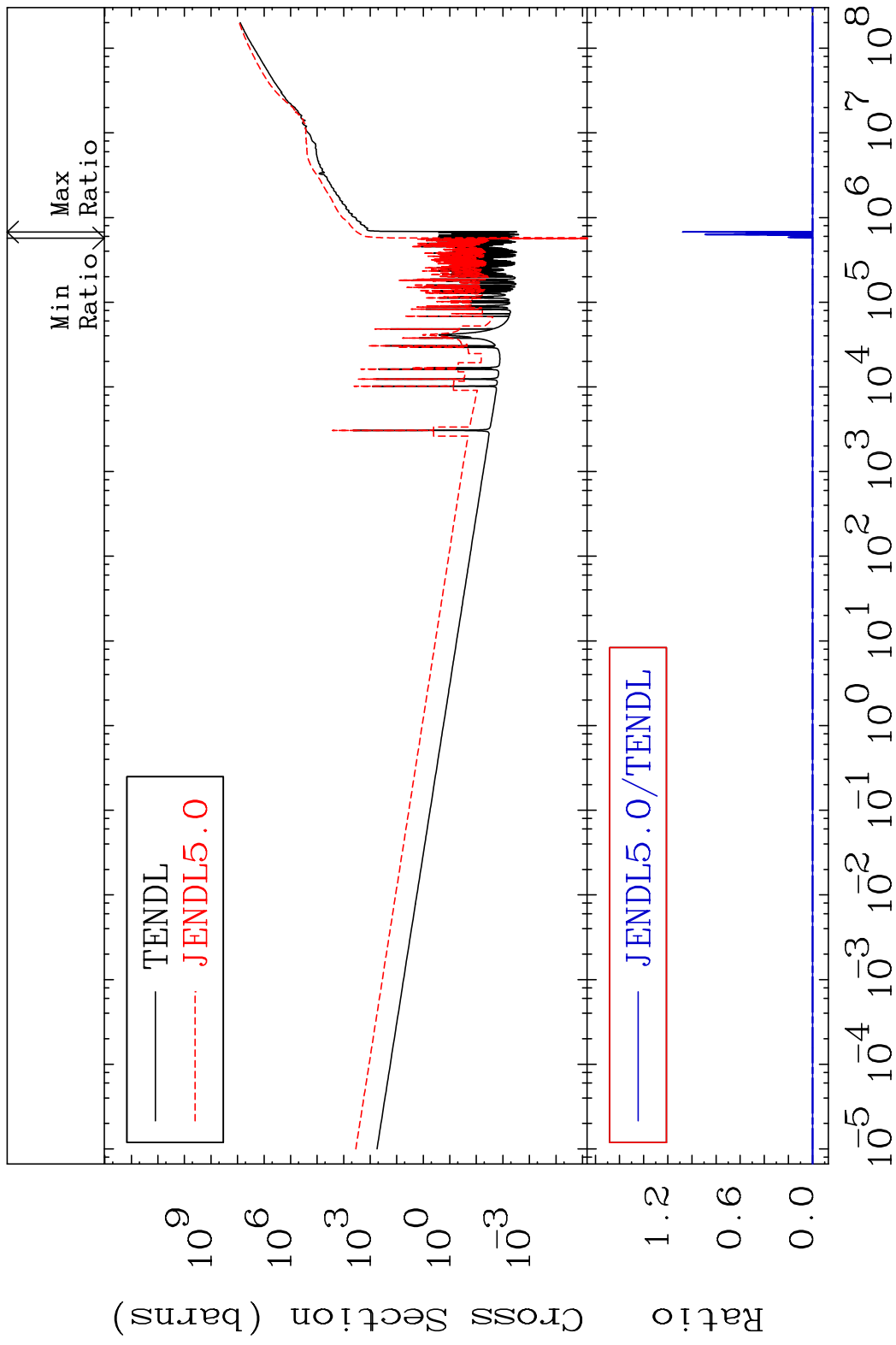


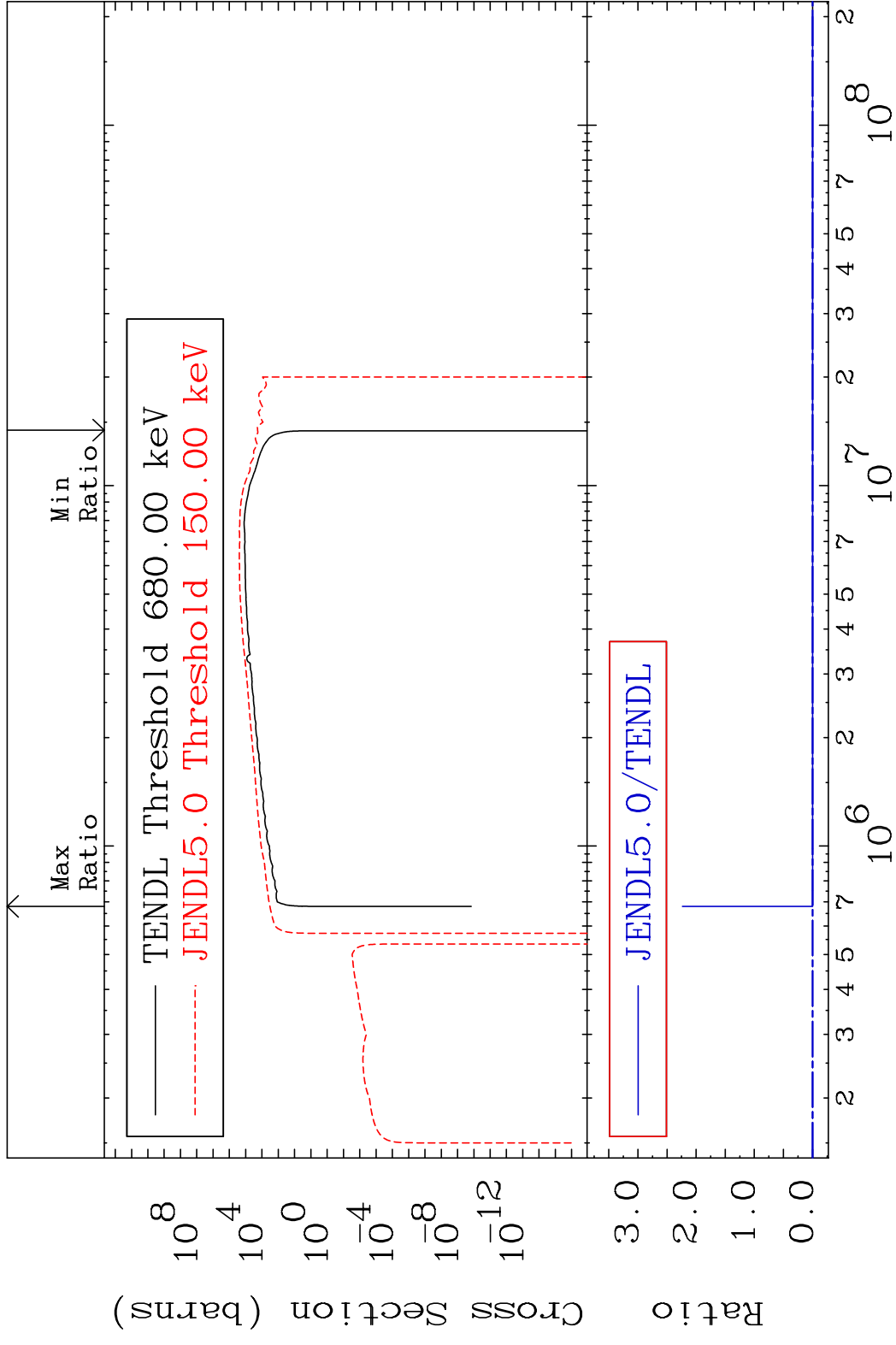
27

Incident Energy (eV)

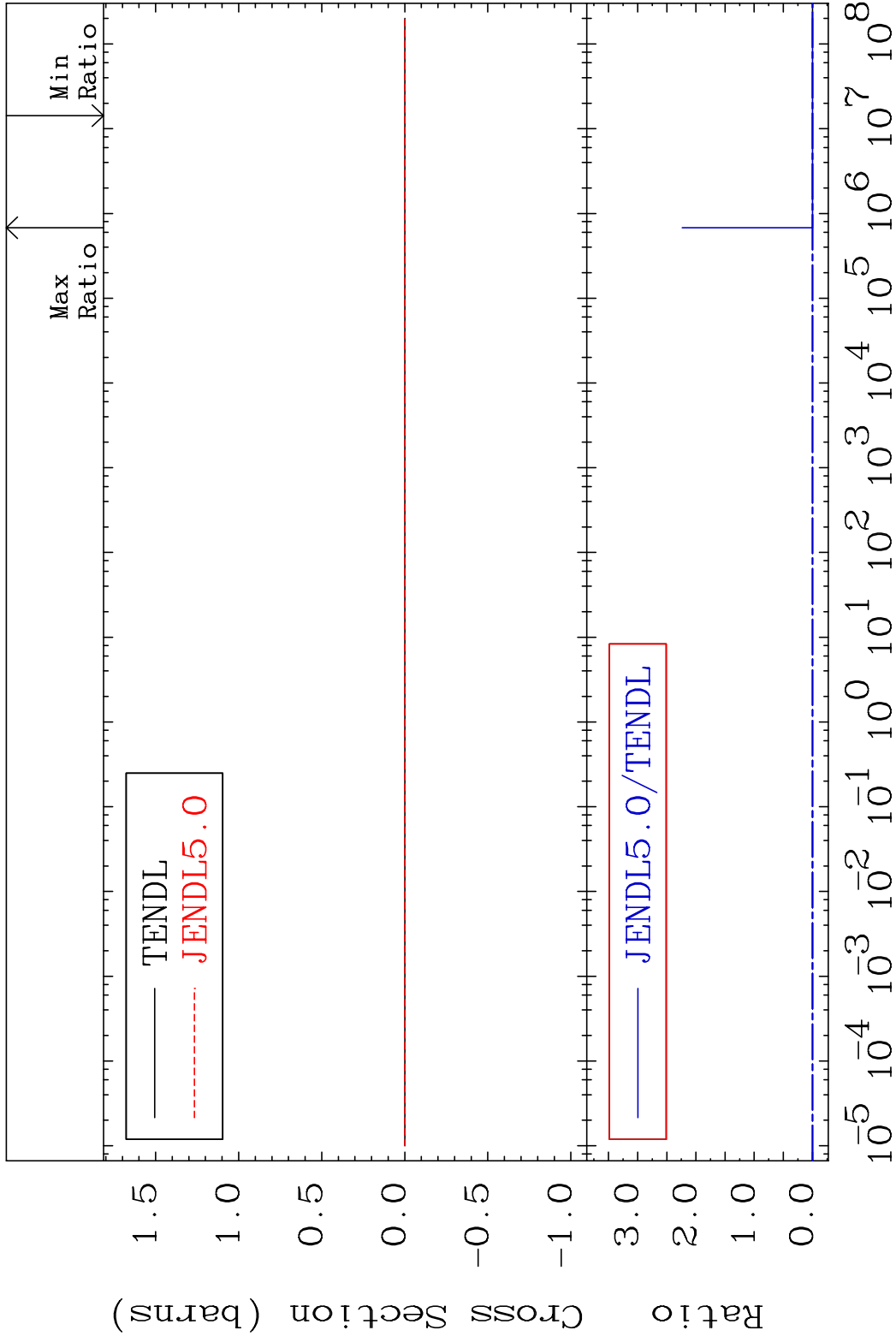
82-Pb-207

MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -1342. To 9999. %

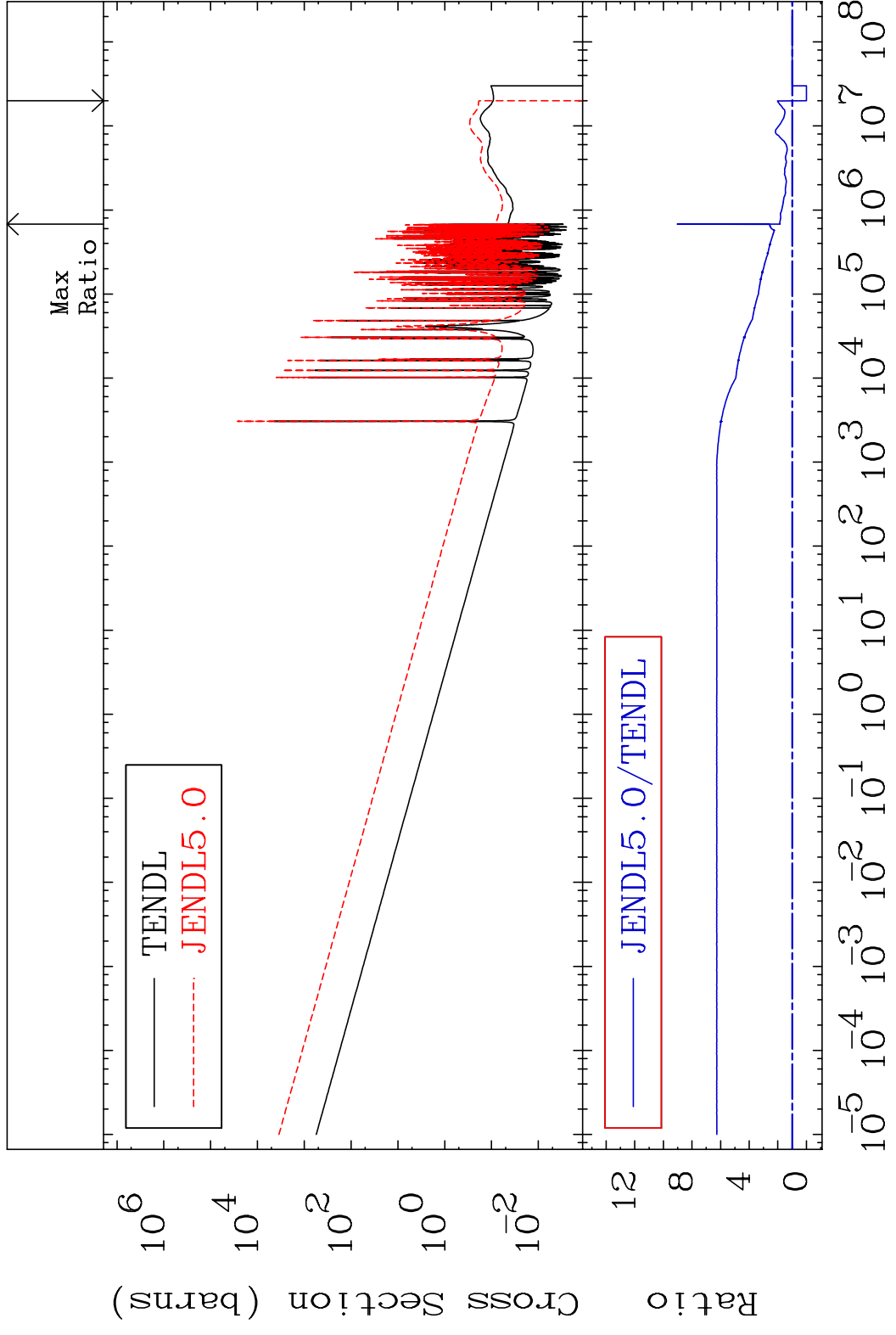




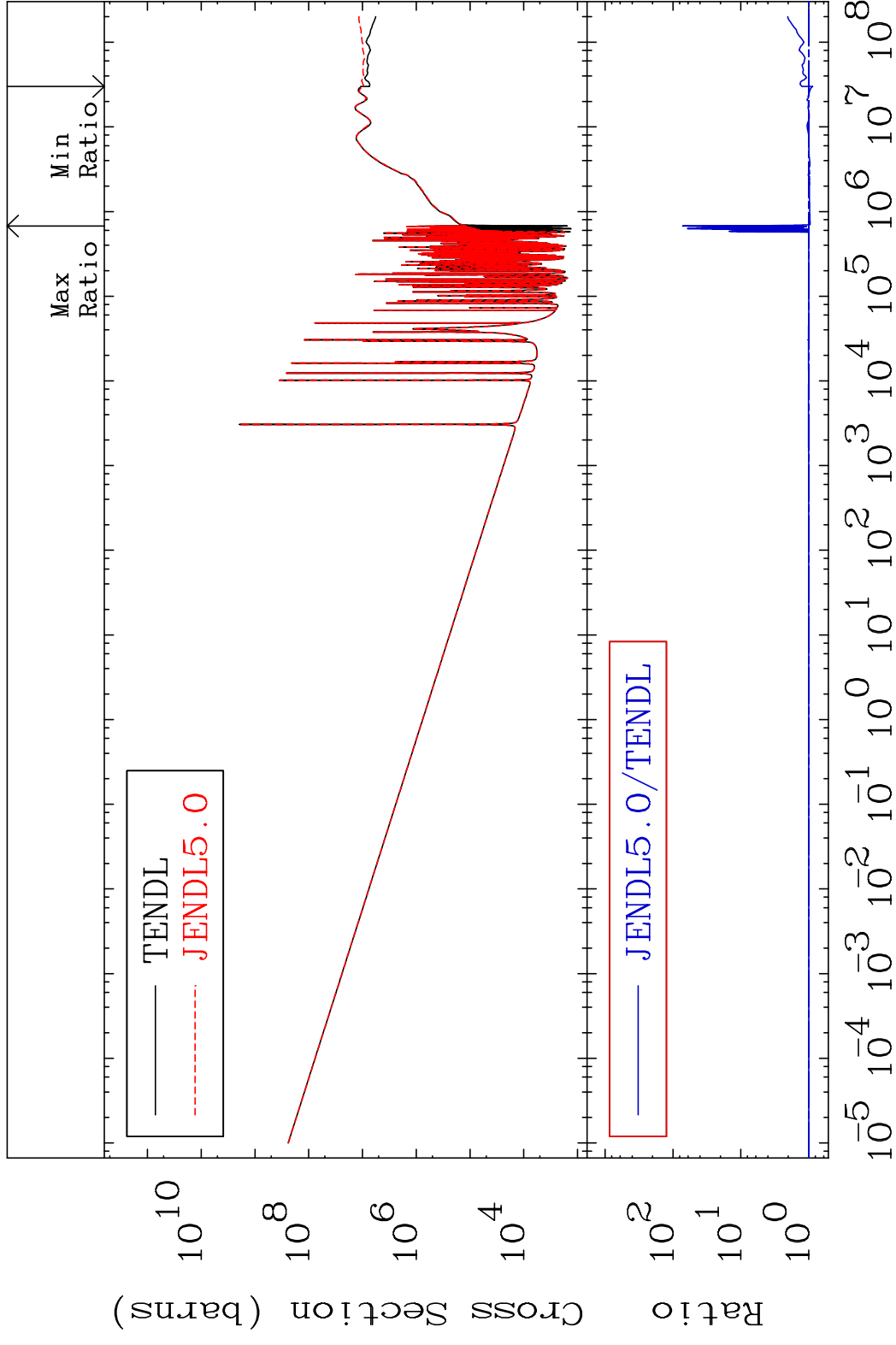
MAT 8234 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-207
 Cross Section -9153. To 9999. %



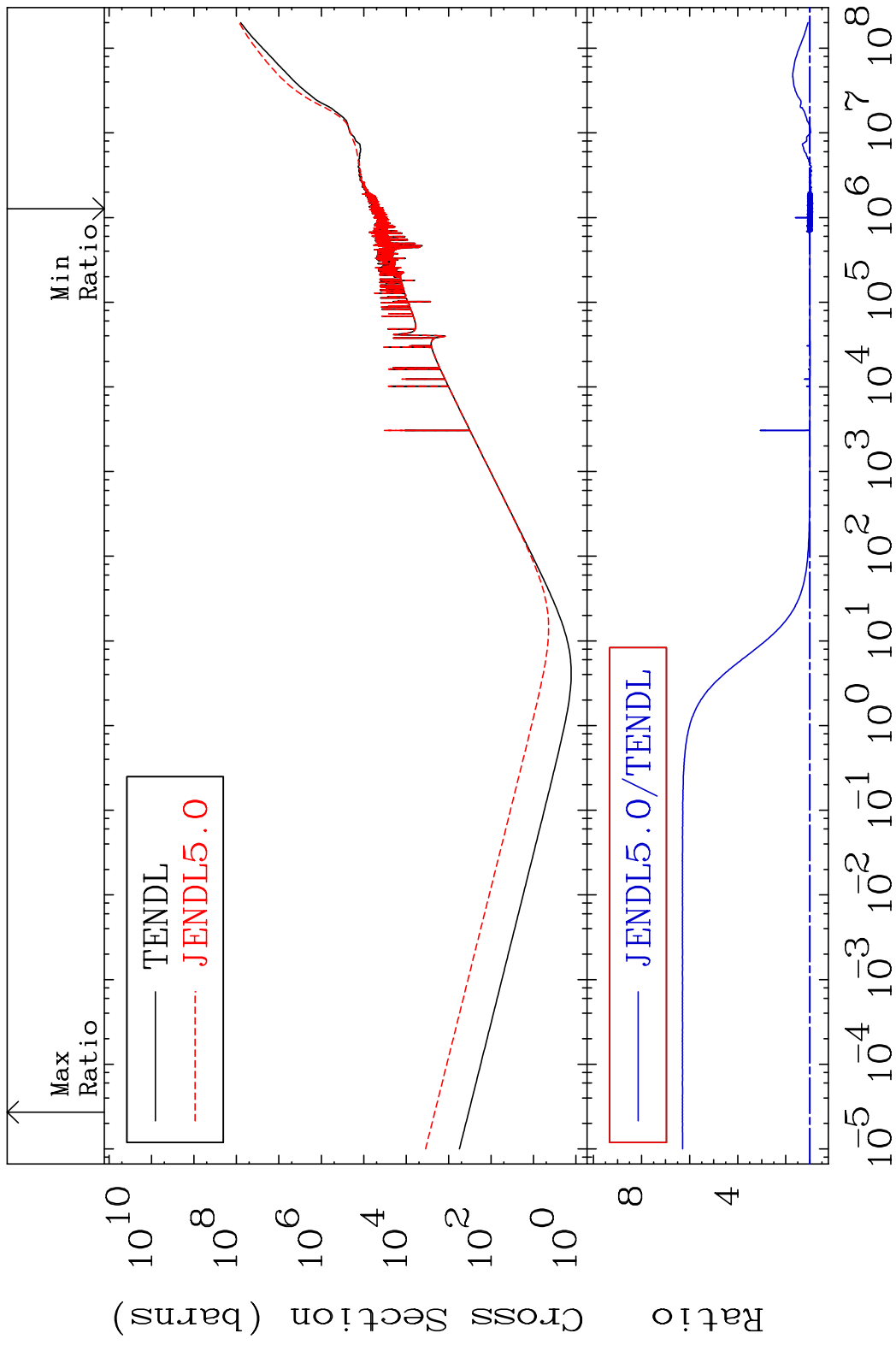
MAT 8234 Kerma capture (mt102) 82-Pb-207
 Cross Section -100.0 To 803.5 %



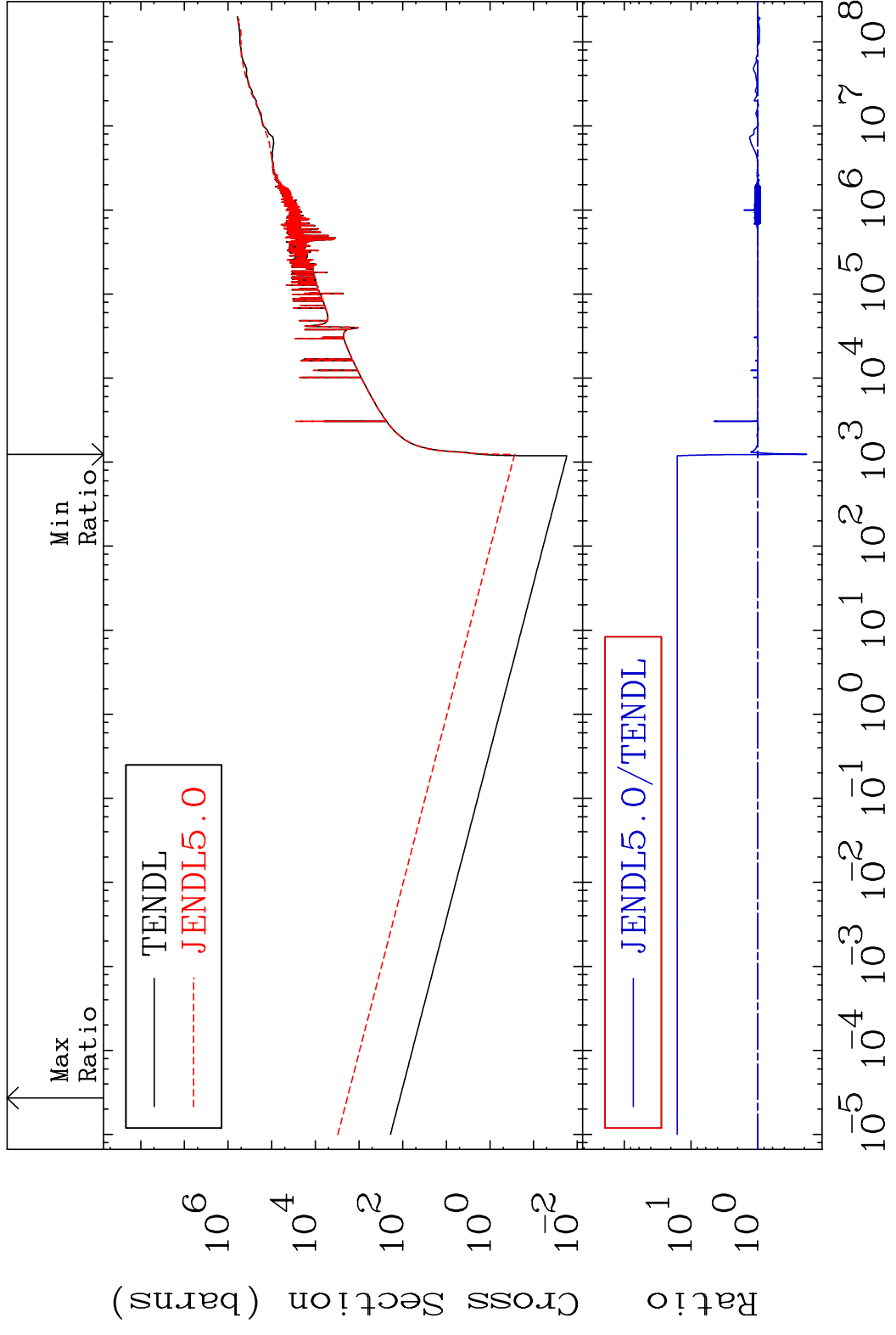
MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -12.31 To 7178. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
Cross Section -11.26 To 530.3 %



MAT 8234 Dpa total (eV-barns) 82-Pb-207
 Cross Section -81.38 To 1506. %

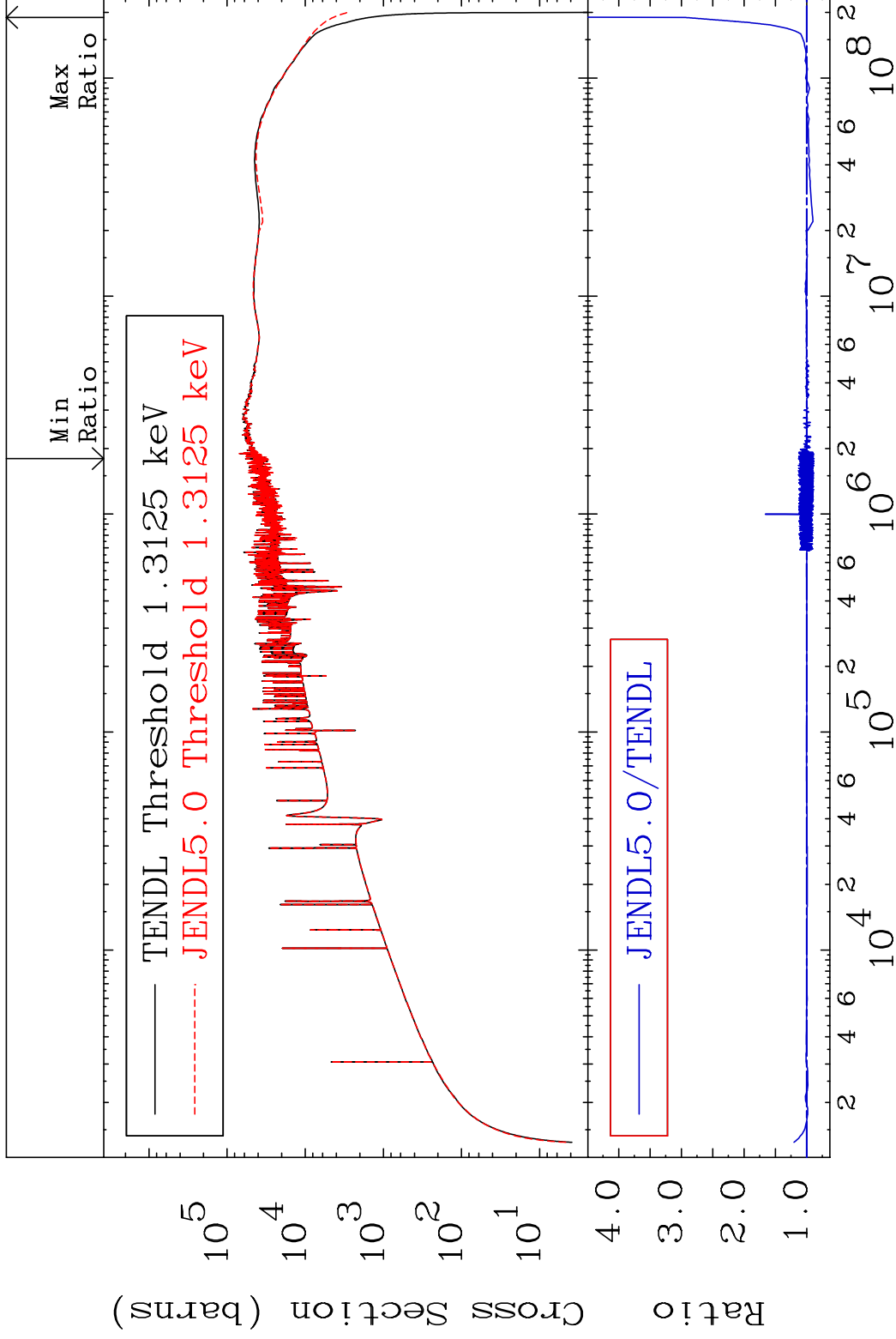


MAT 8234

Dpa elastic (mt2)

82-Pb-207

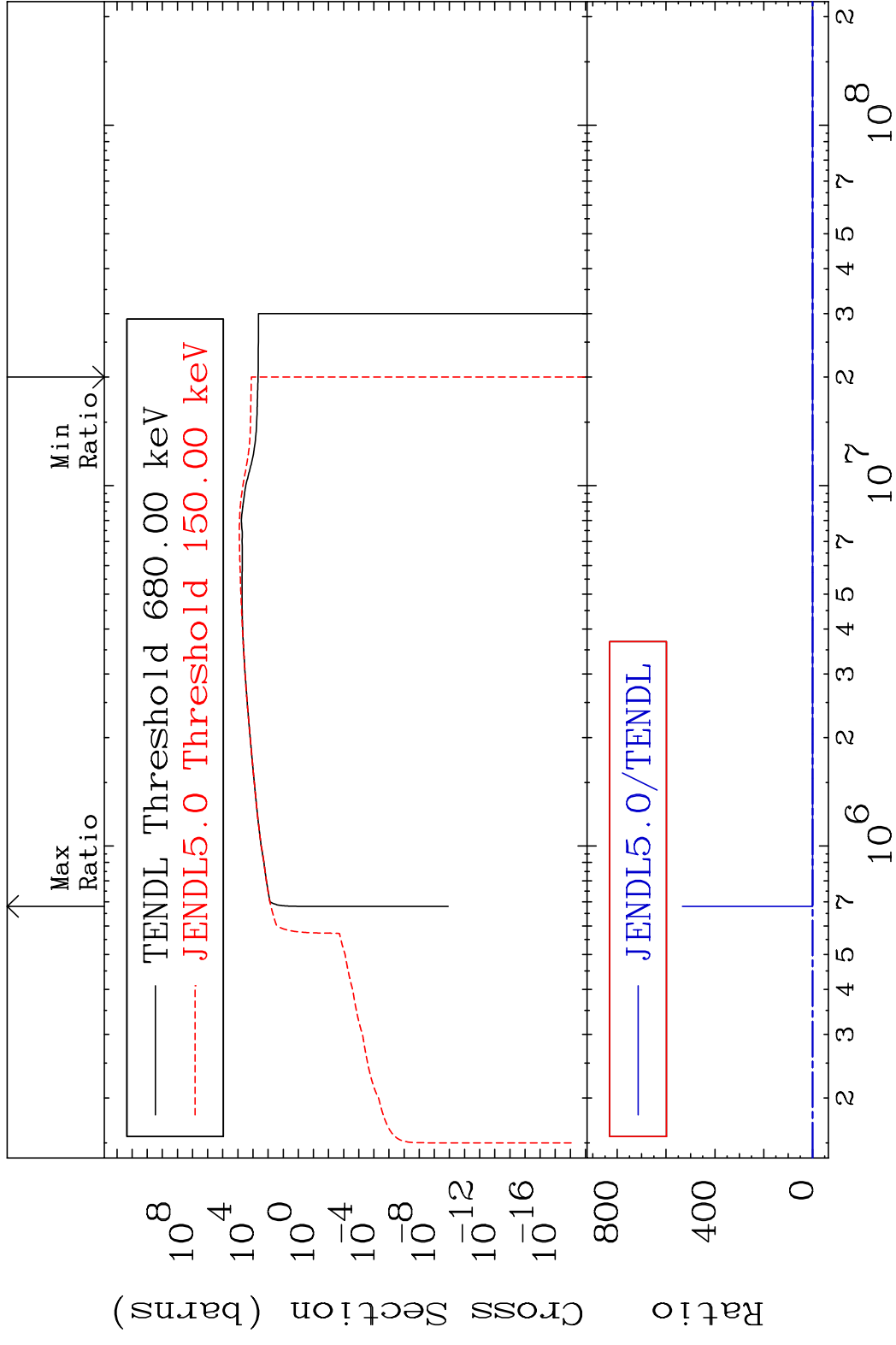
Cross Section -11.78 To 196.6 %



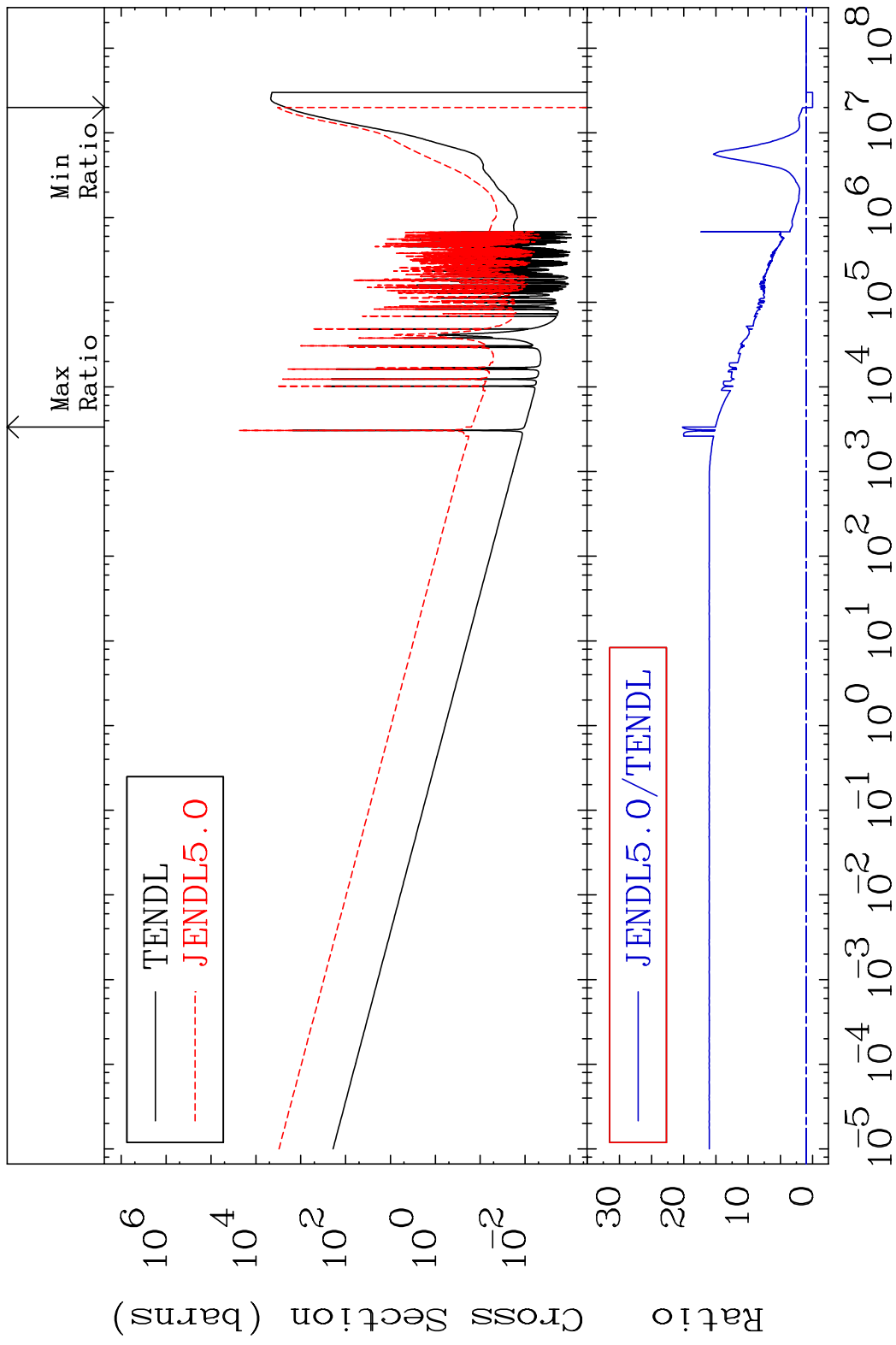
35

Incident Energy (eV)

82-Pb-207



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 1922. %

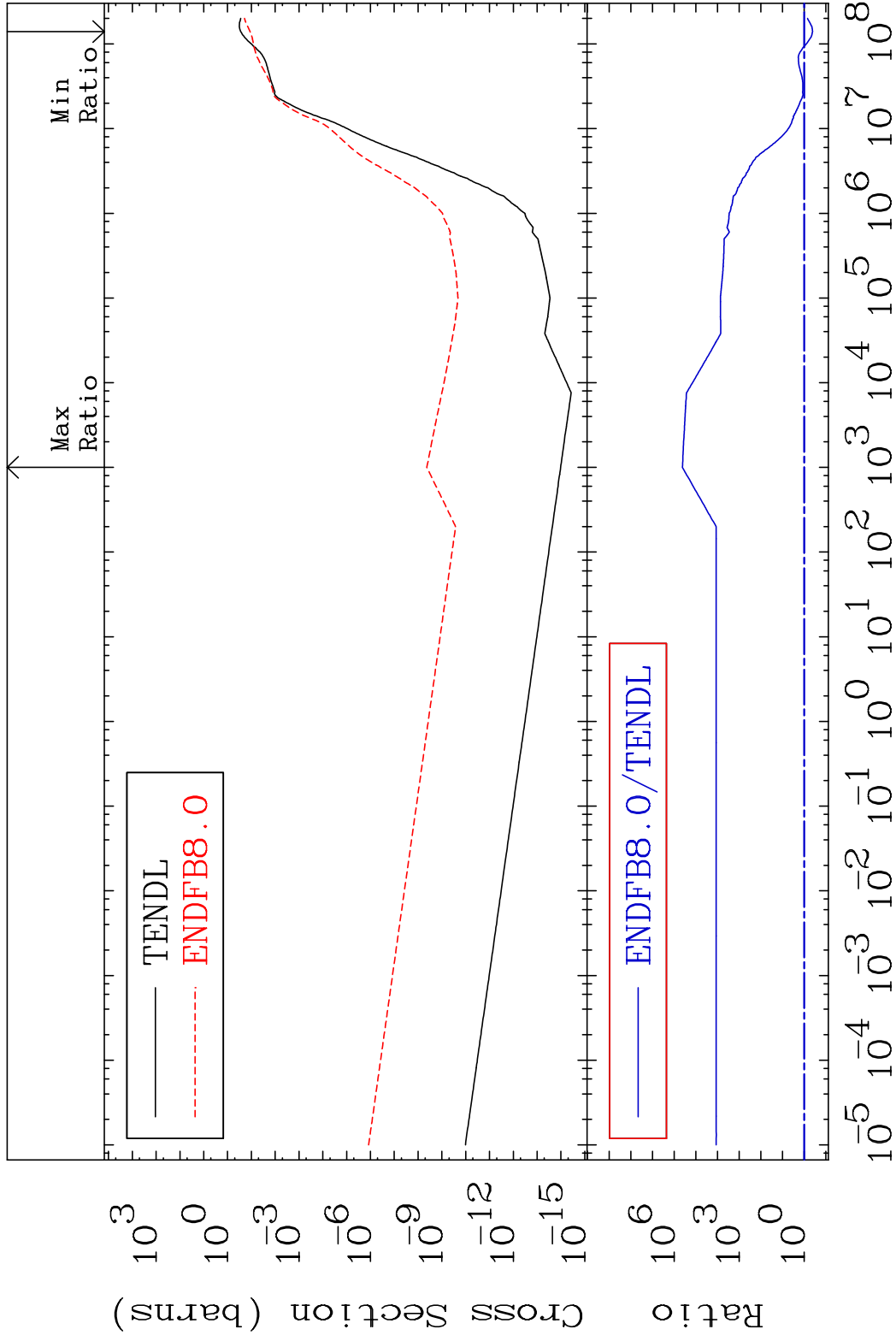


MAT 8234

He-4 Production

82-Pb-207

Cross Section -59.33 To 9999. %

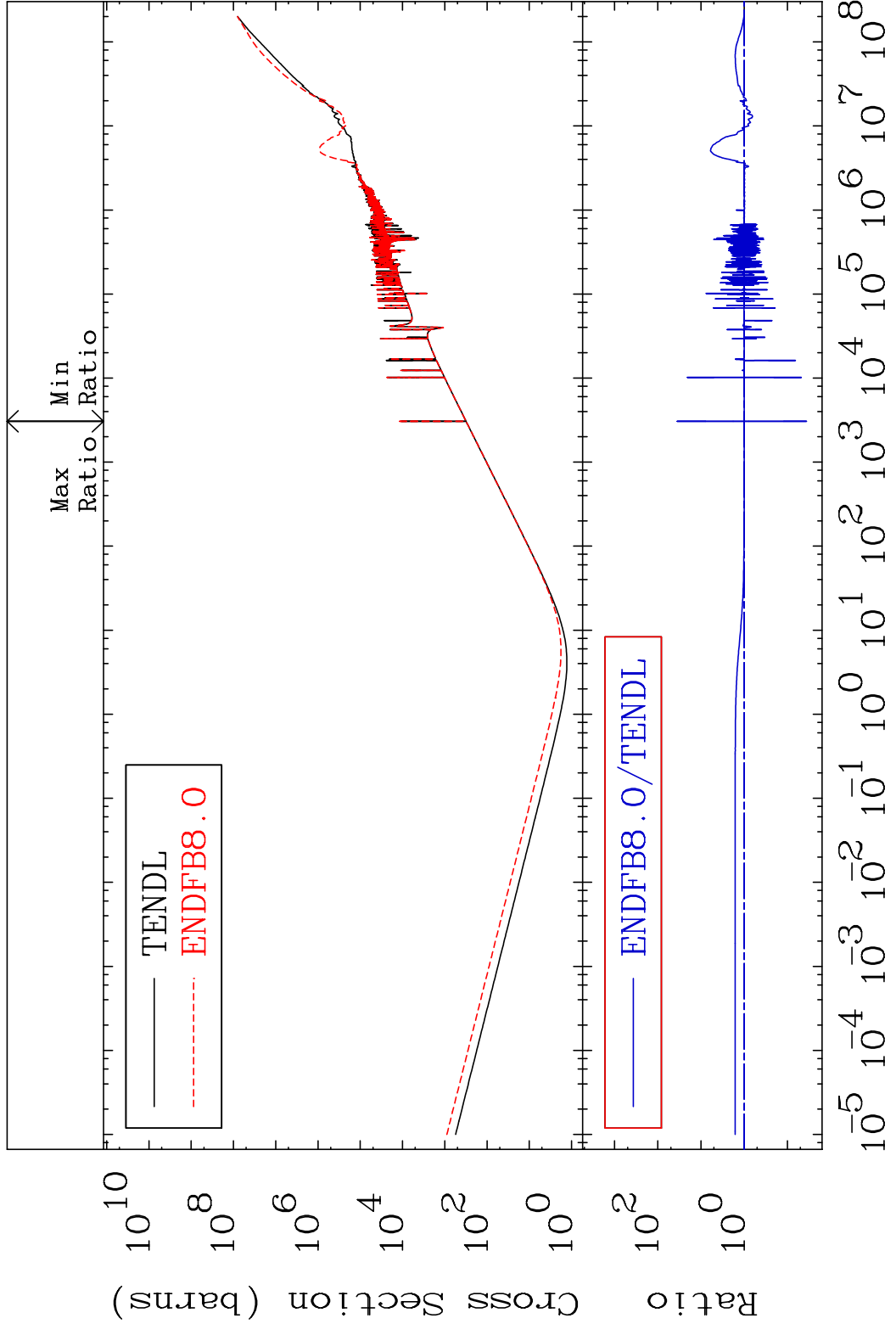


38

Incident Energy (eV)

82-Pb-207

MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -96.38 To 3452. %

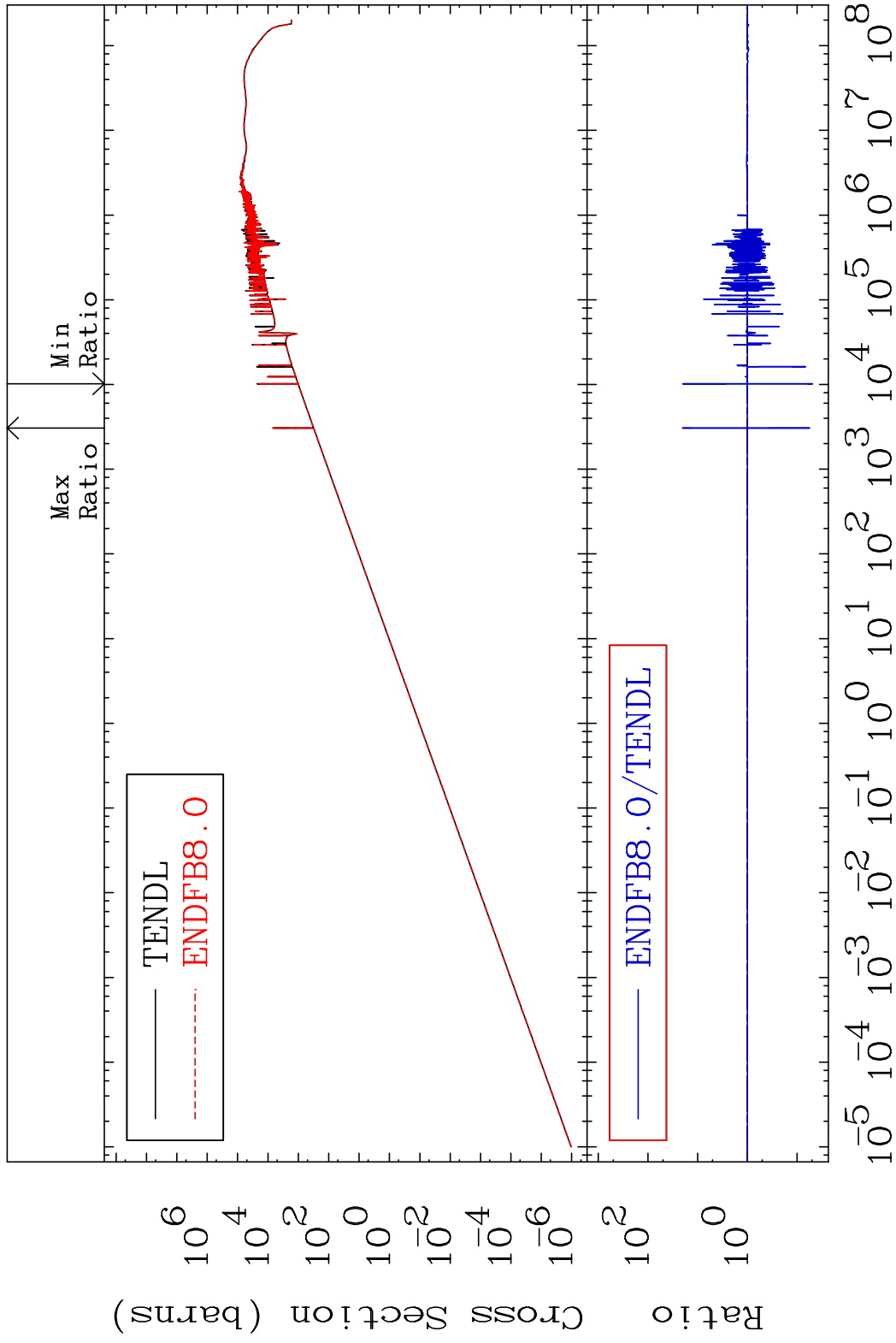


39 Incident Energy (eV) 82-Pb-207

MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1929. %

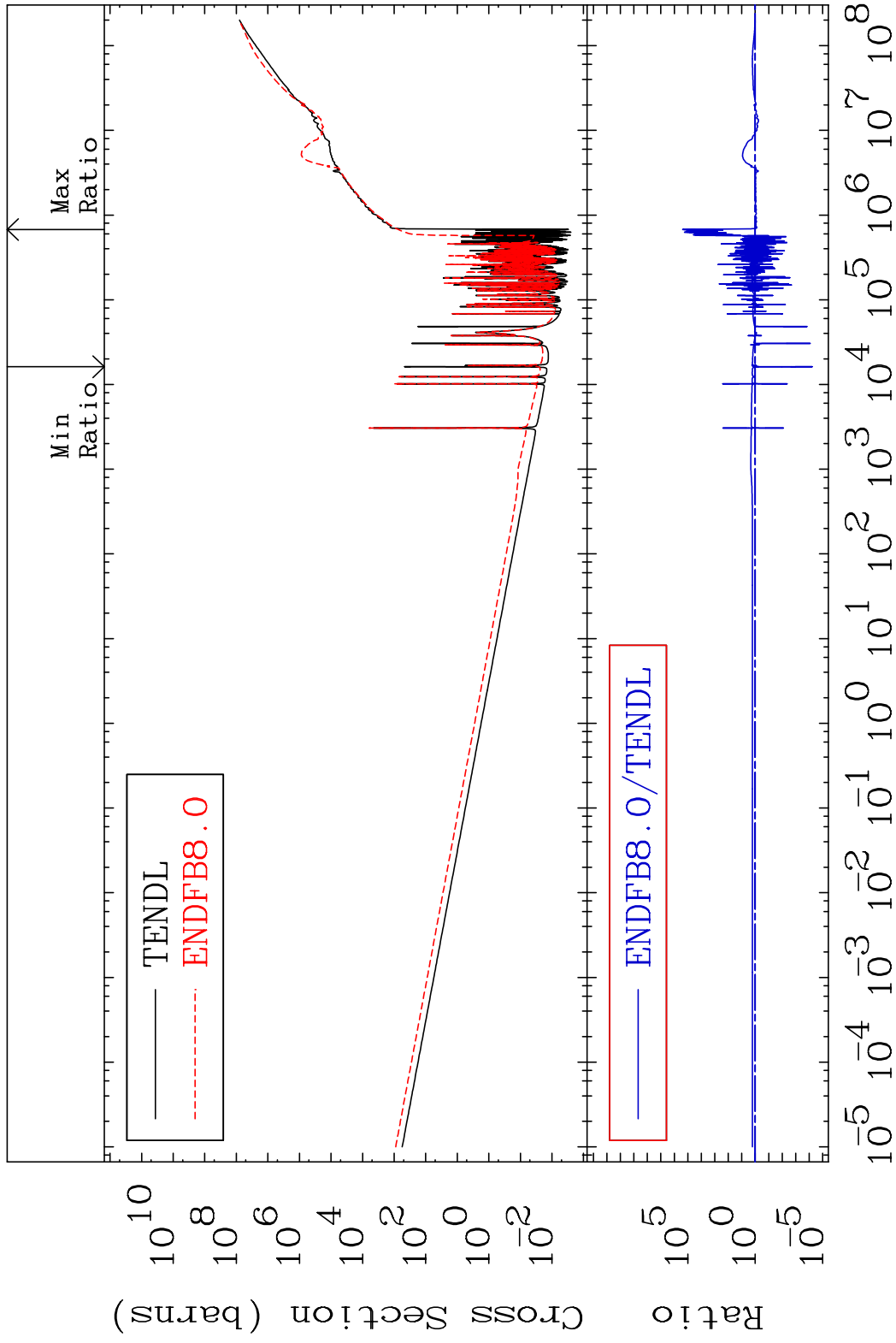


40

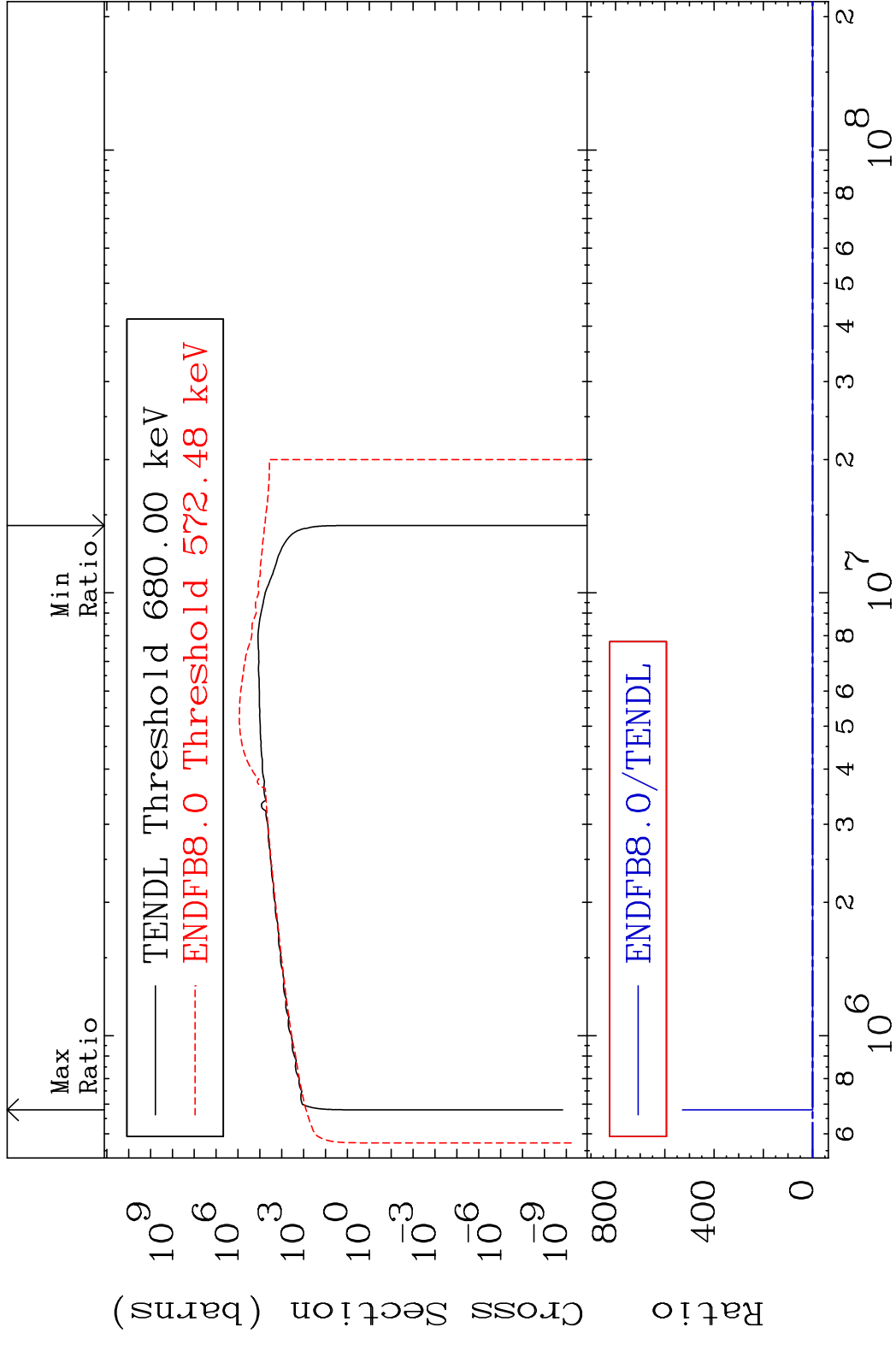
Incident Energy (eV)

82-Pb-207

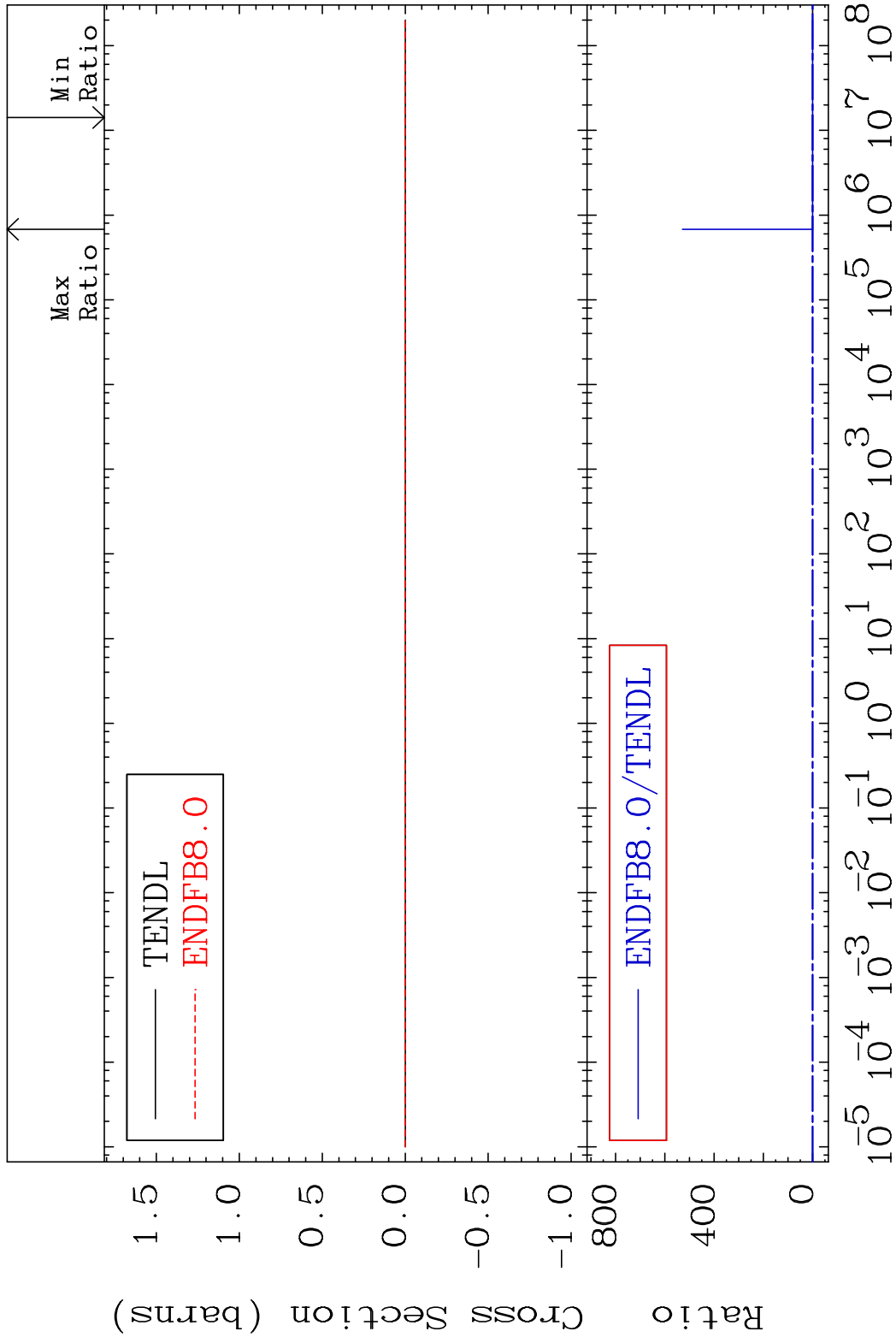
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.99 To 9999. %



MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -9999. To 9999. %



MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207
 Cross Section -9999. To 9999. %

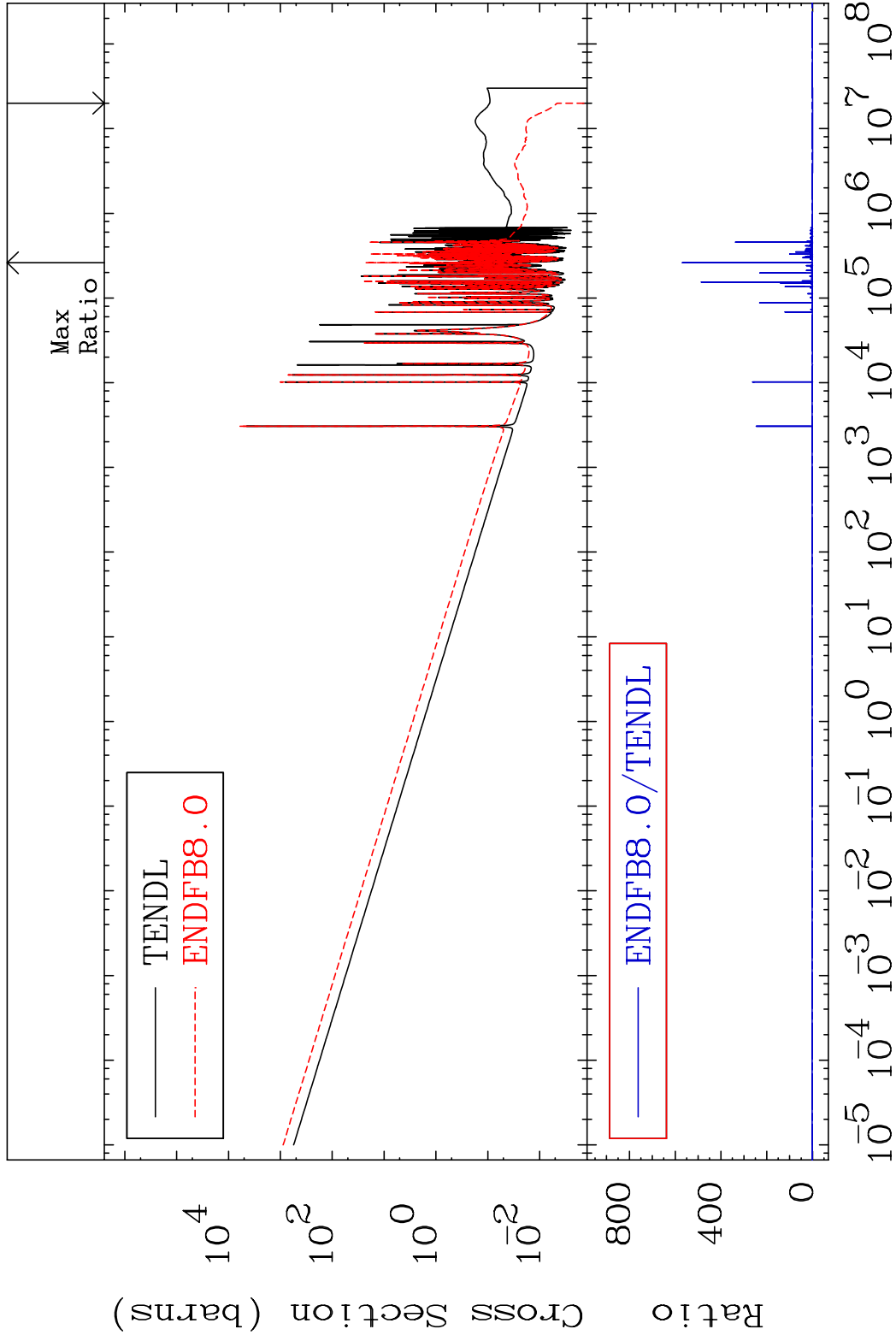


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %

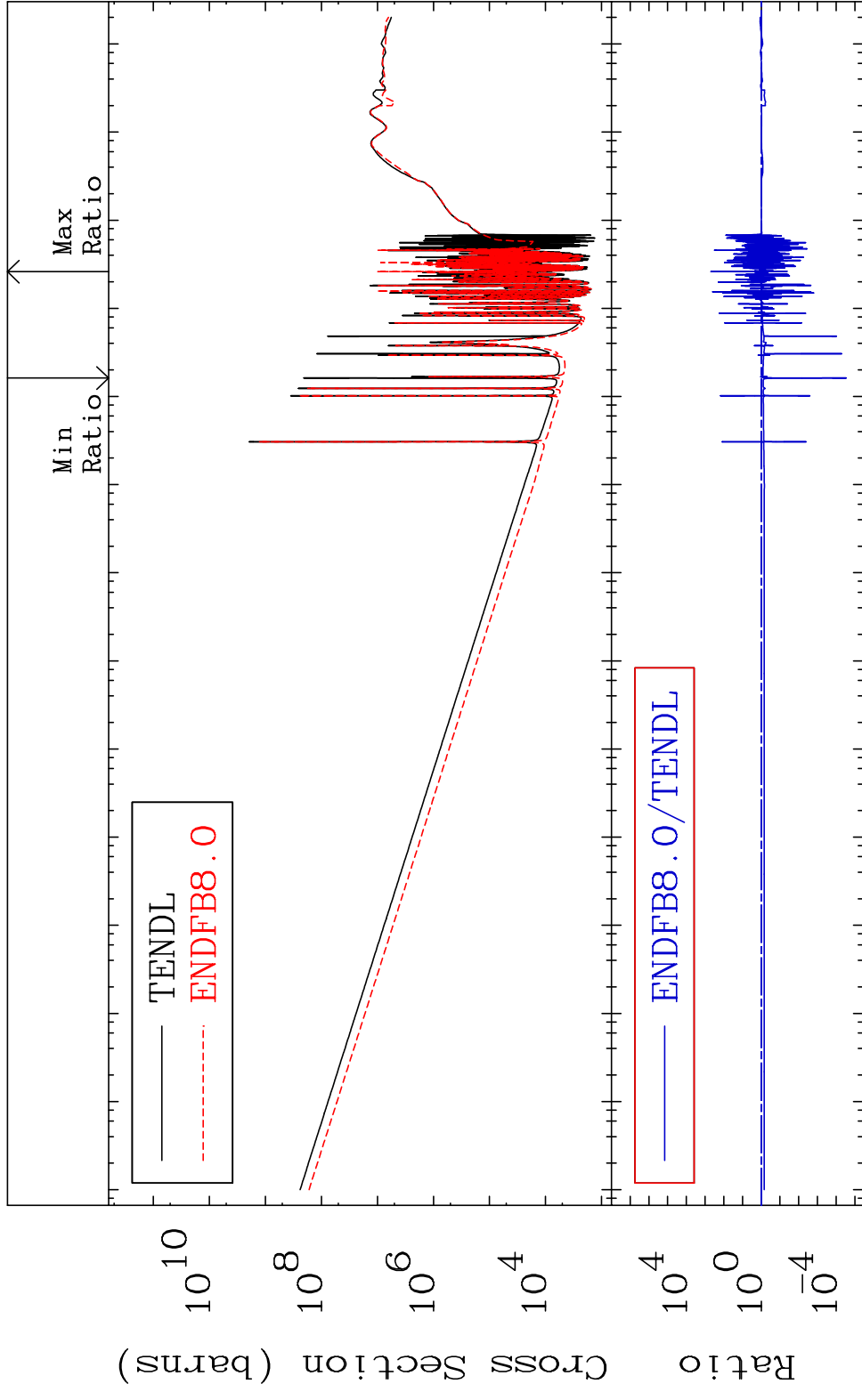


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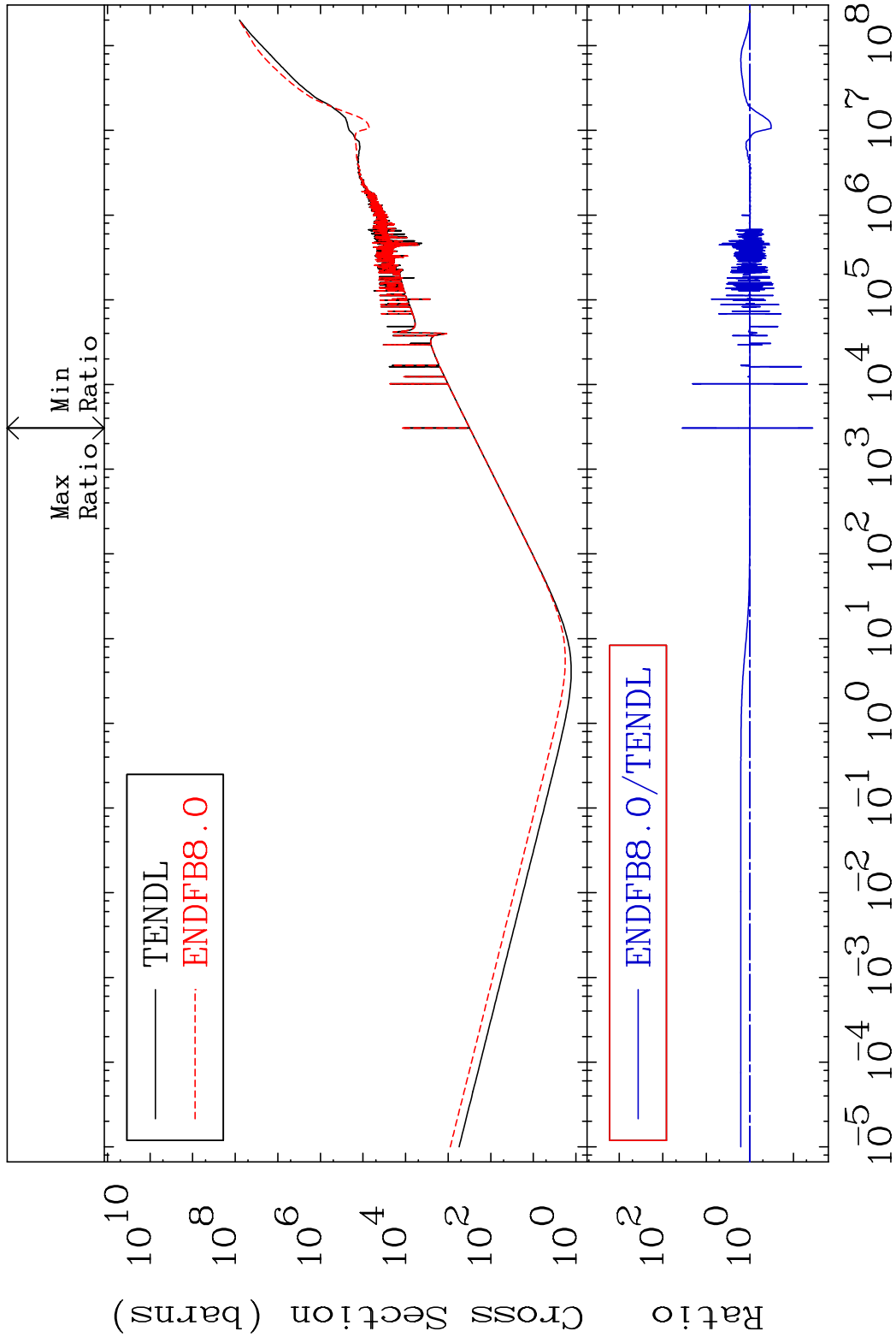
Incident Energy (eV)

82-Pb-207

MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -96.38 To 3452. %

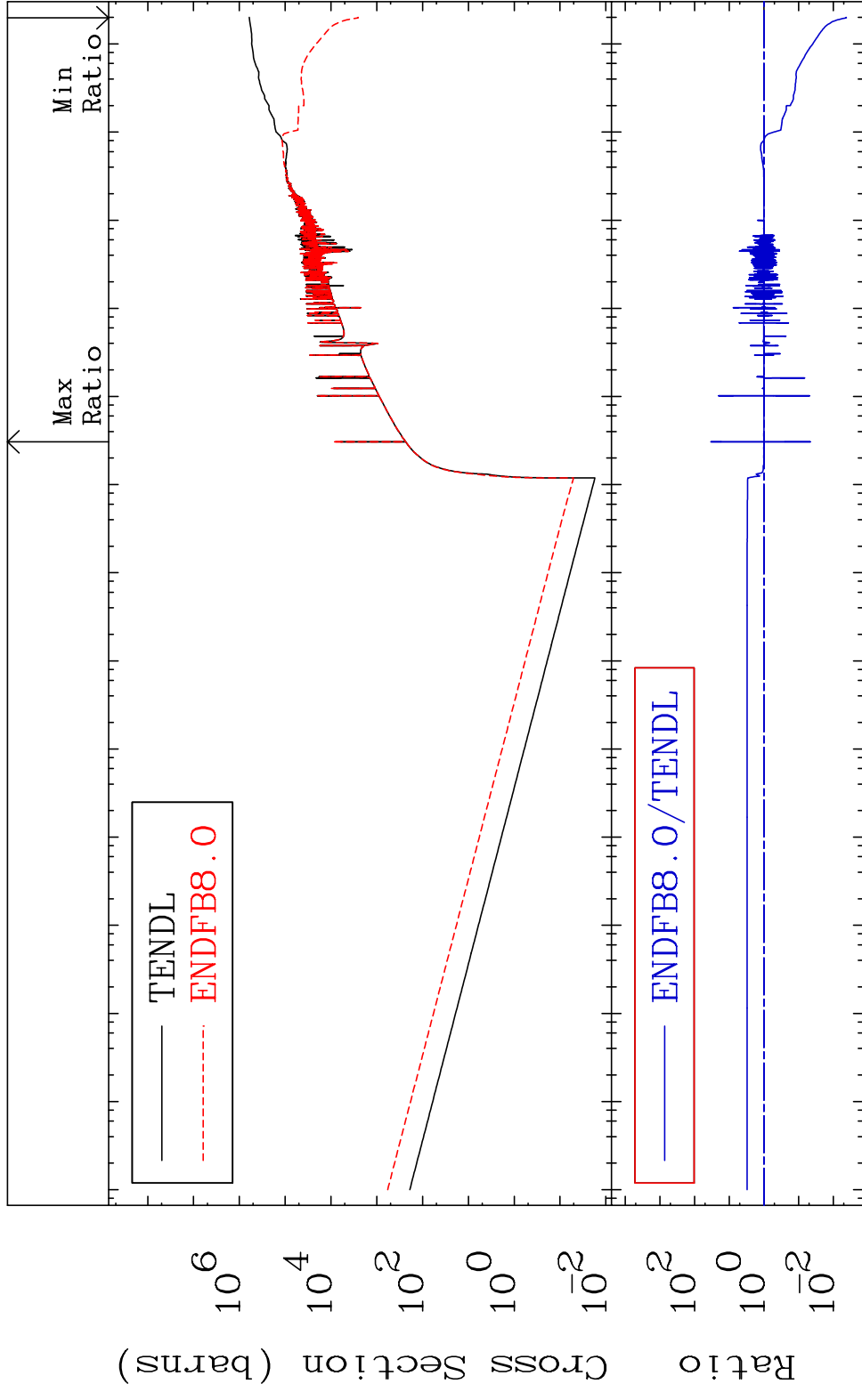


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.58 To 3323. %



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Incident Energy (eV)

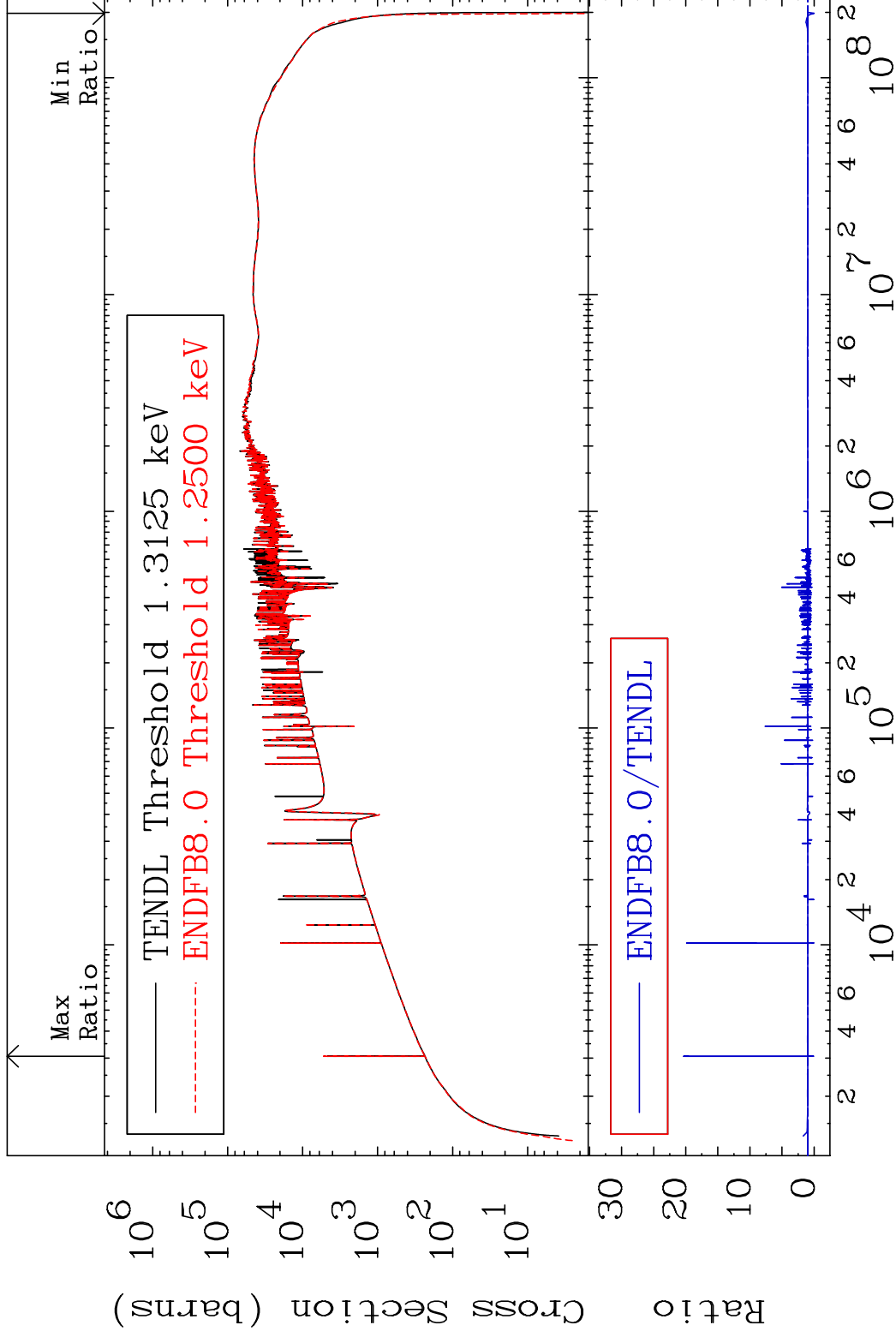
82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -100.0 To 1933. %

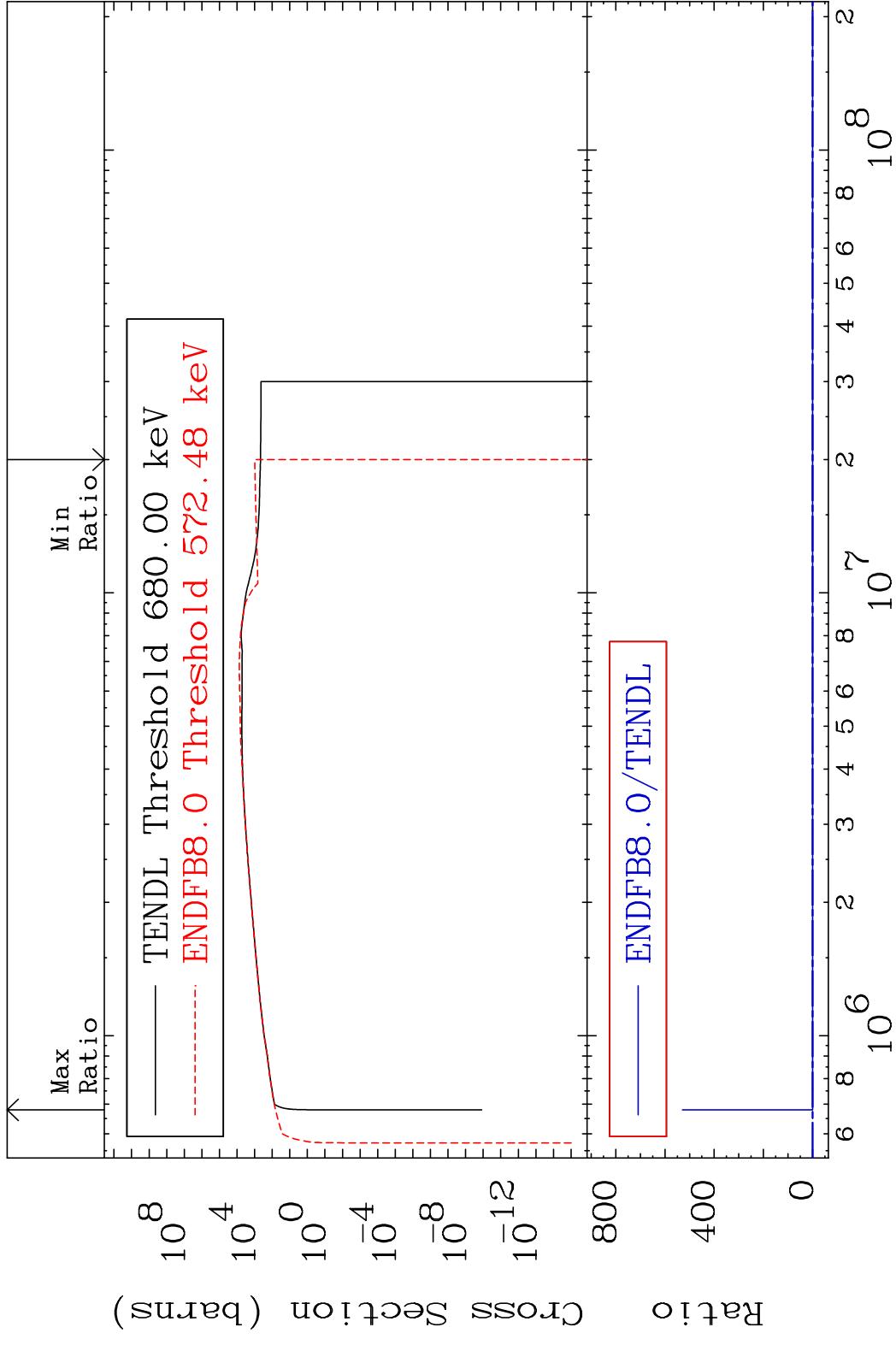


48

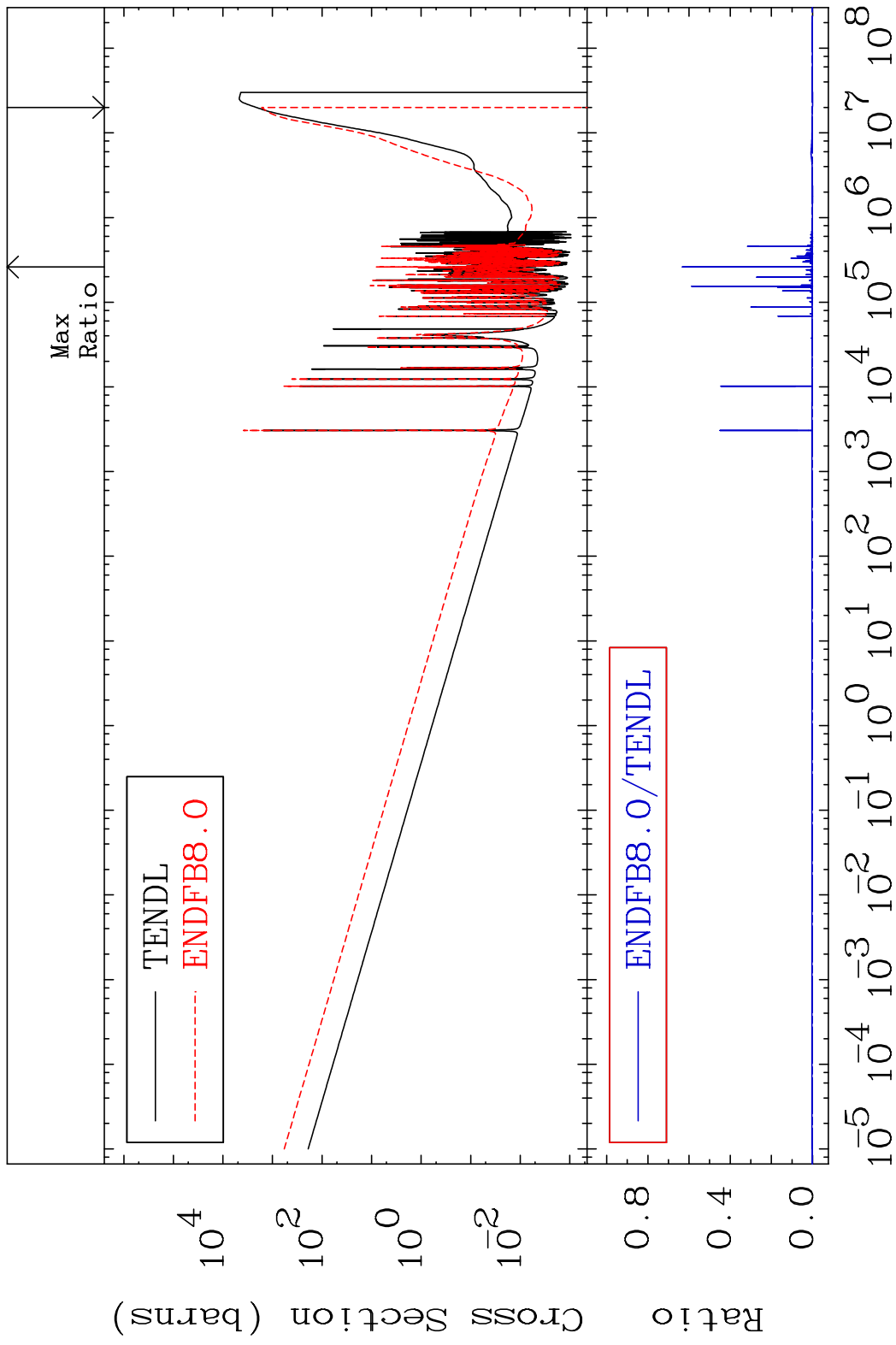
Incident Energy (eV)

82-Pb-207

MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 82-Pb-207

MAT 8234 (n,p):81-Tl-207g 82-Pb-207
 Radionuclide Production Cross Section 180.0 dth 143.2 %

