

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

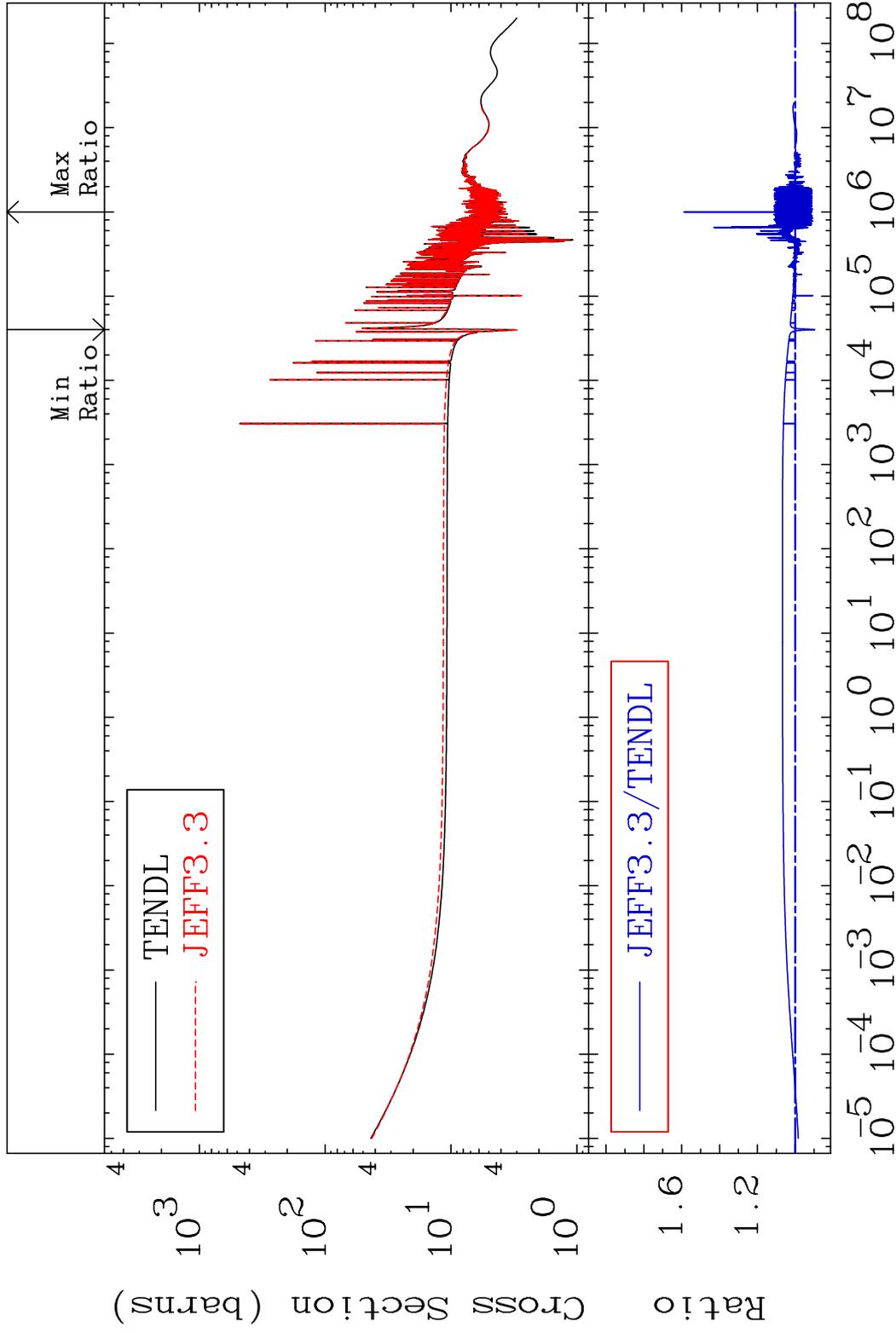
MAT 8234

Total

82-Pb-207

Cross Section

-10.32 To 58.70 %



1

Incident Energy (eV)

82-Pb-207

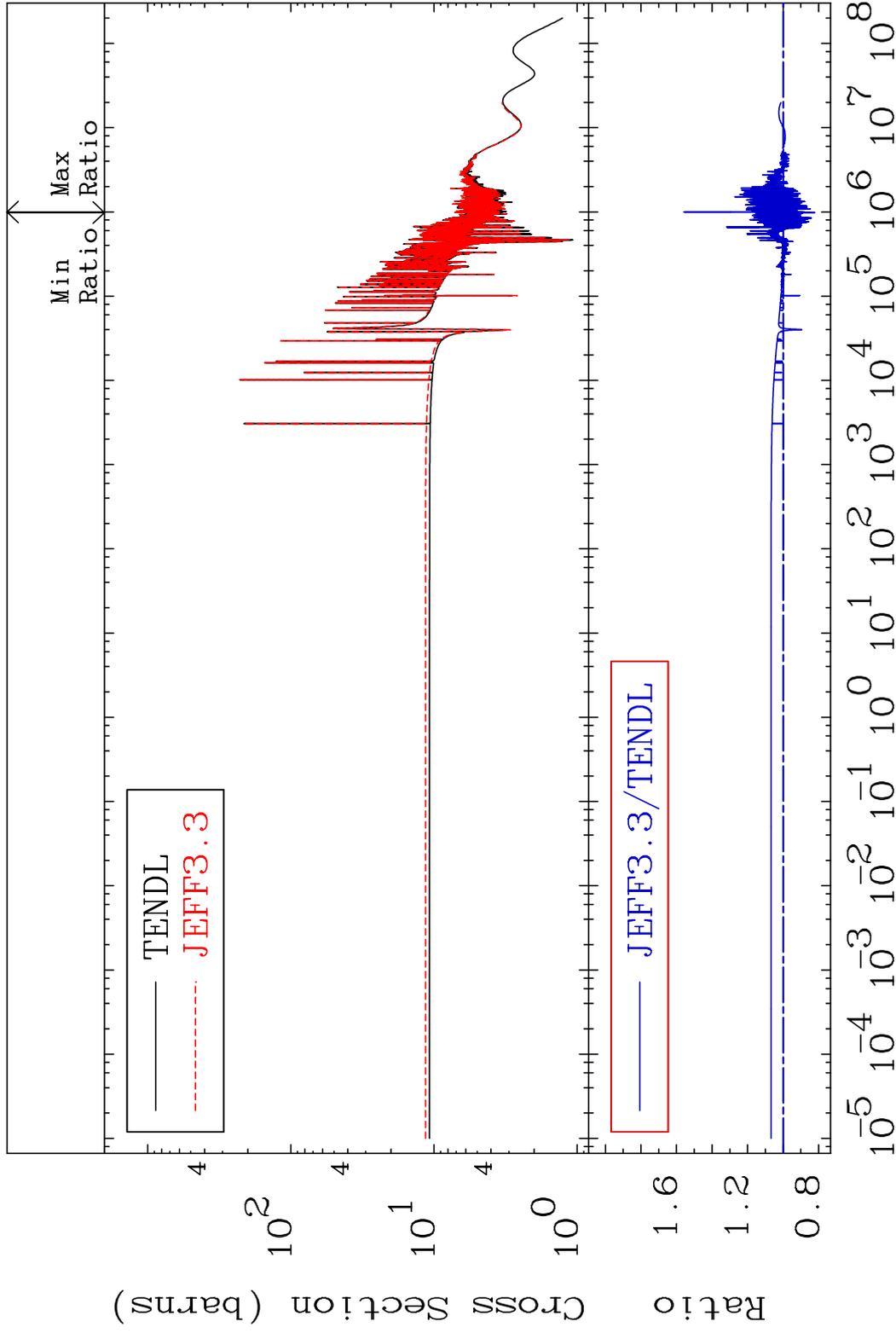
MAT 8234

Elastic

82-Pb-207

Cross Section

-17.79 To 55.70 %



2

Incident Energy (eV)

82-Pb-207

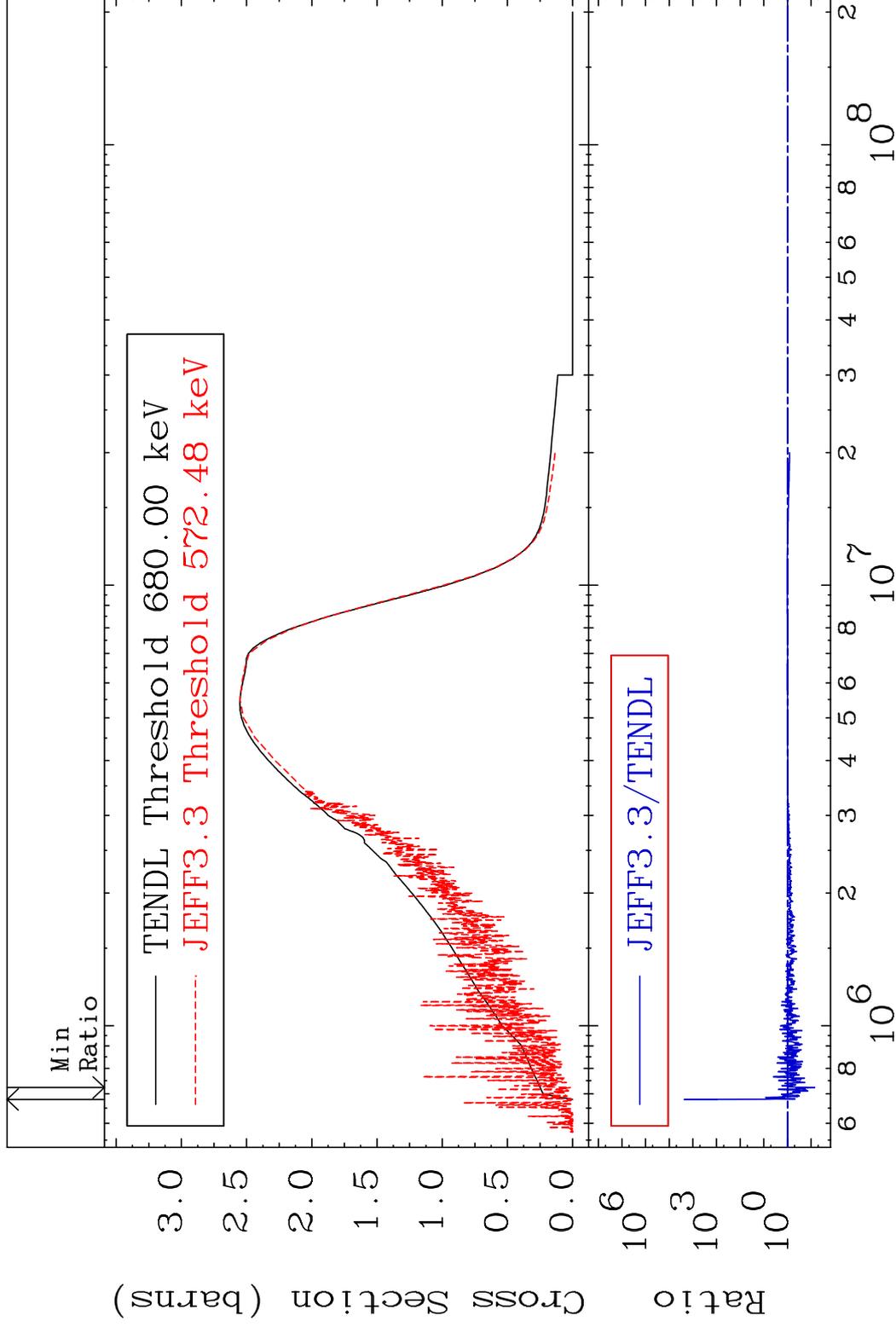
MAT 8234

Inelastic

82-Pb-207

Cross Section

-92.98 To 9999. %



3

Incident Energy (eV)

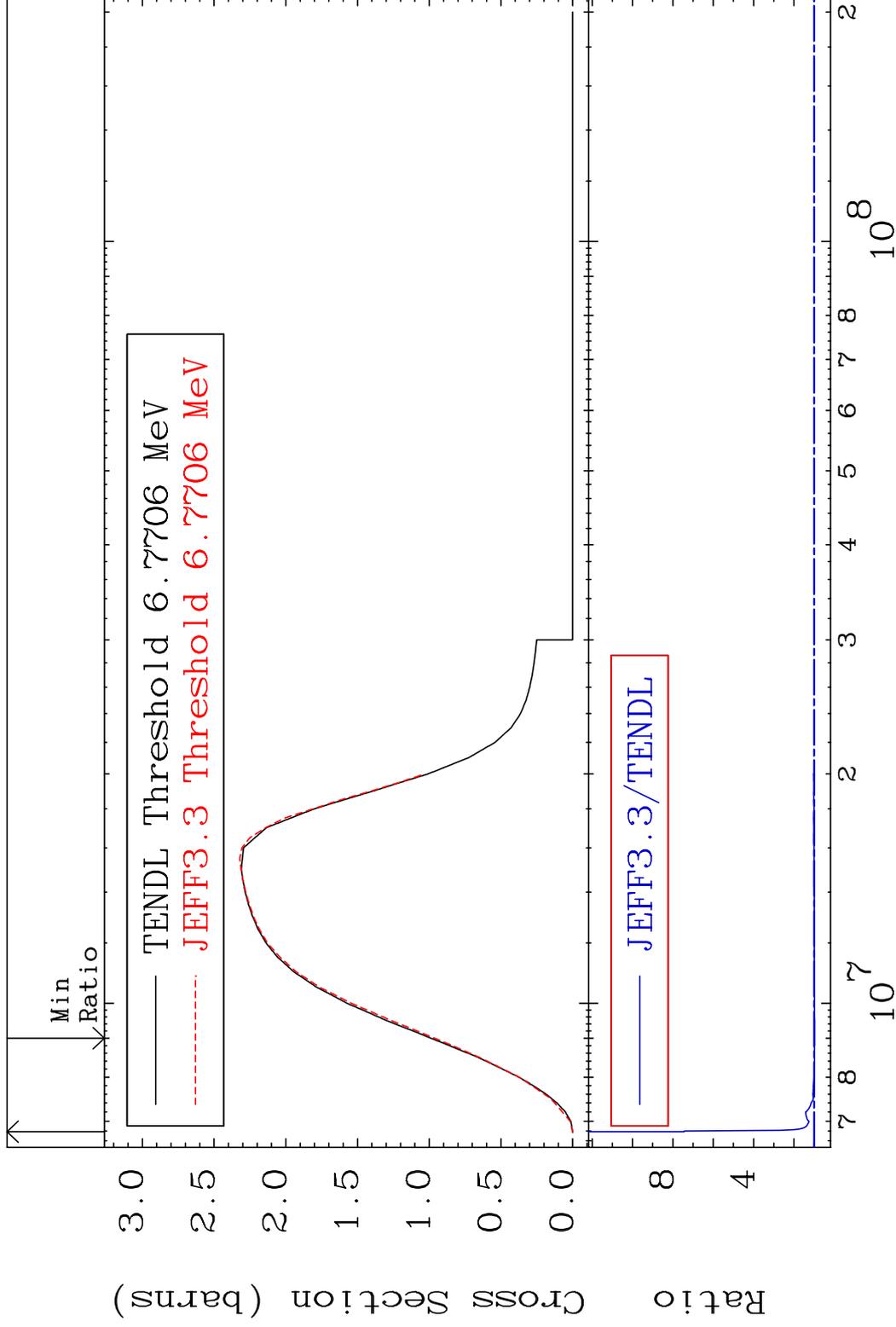
82-Pb-207

MAT 8234

(n,2n)

82-Pb-207

Cross Section -2.693 To 644.2 %



4

Incident Energy (eV)

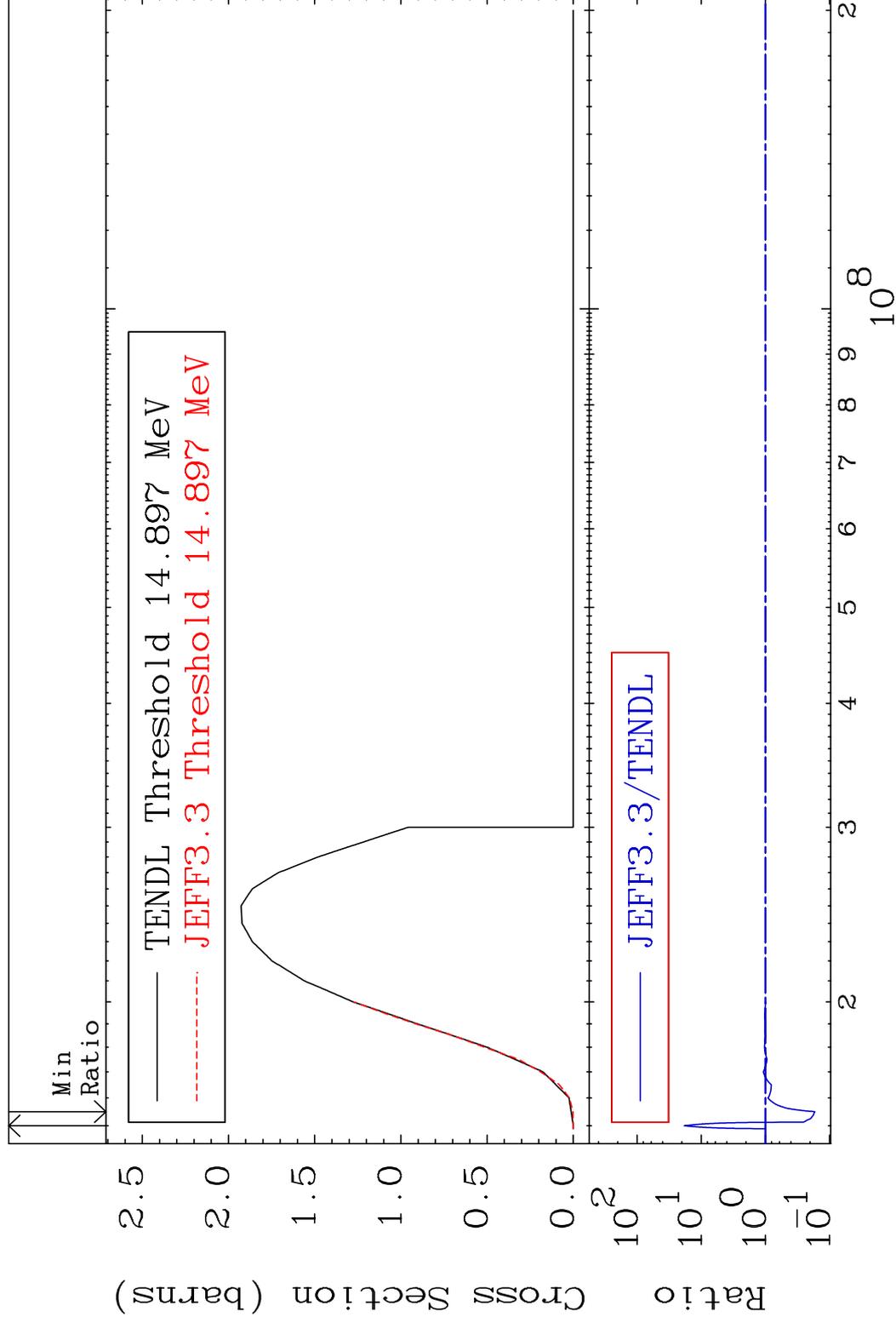
82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -83.11 To 1719. %



5

Incident Energy (eV)

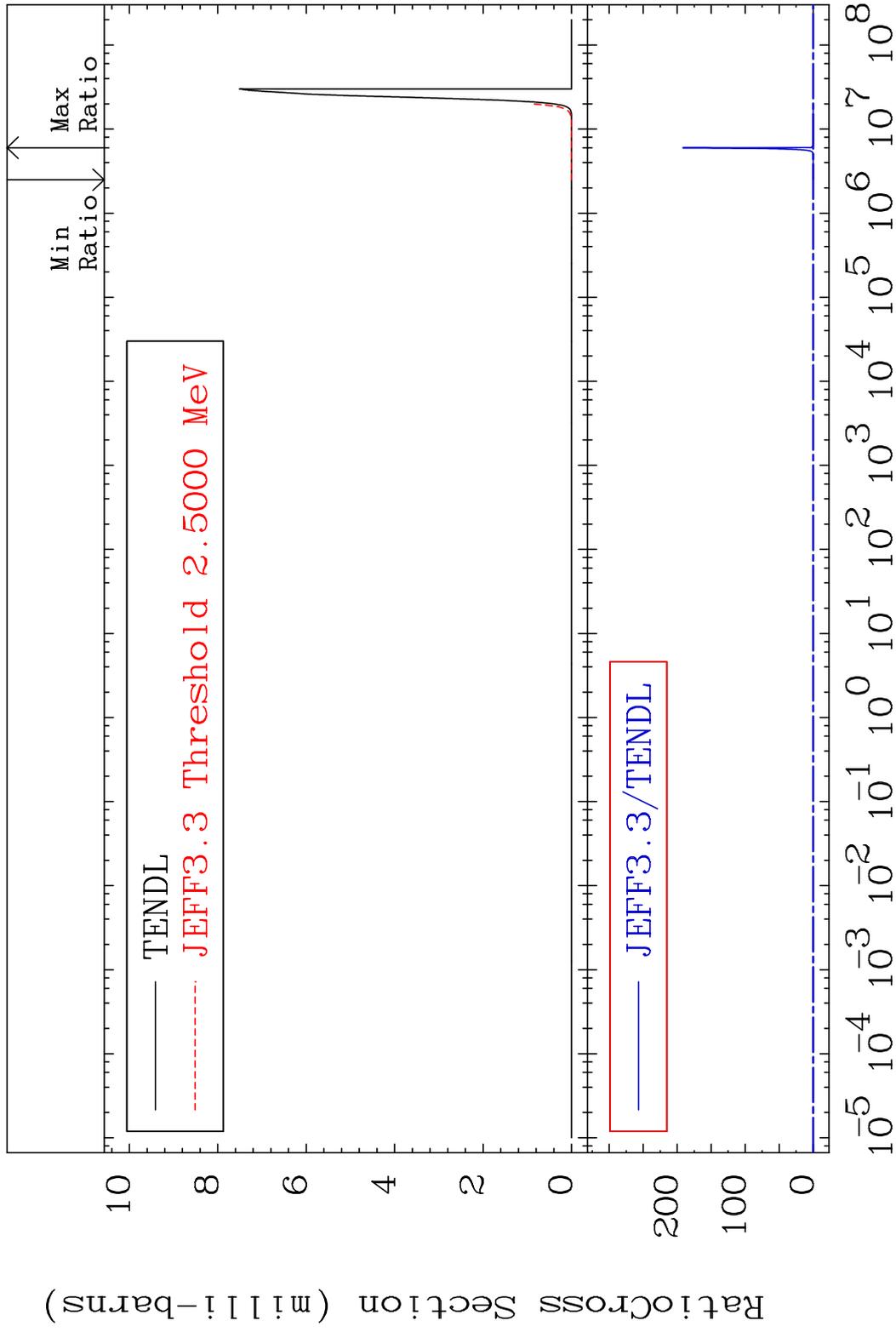
82-Pb-207

MAT 8234

(n, n') α

82-Pb-207

Cross Section -100.0 To 9999. %



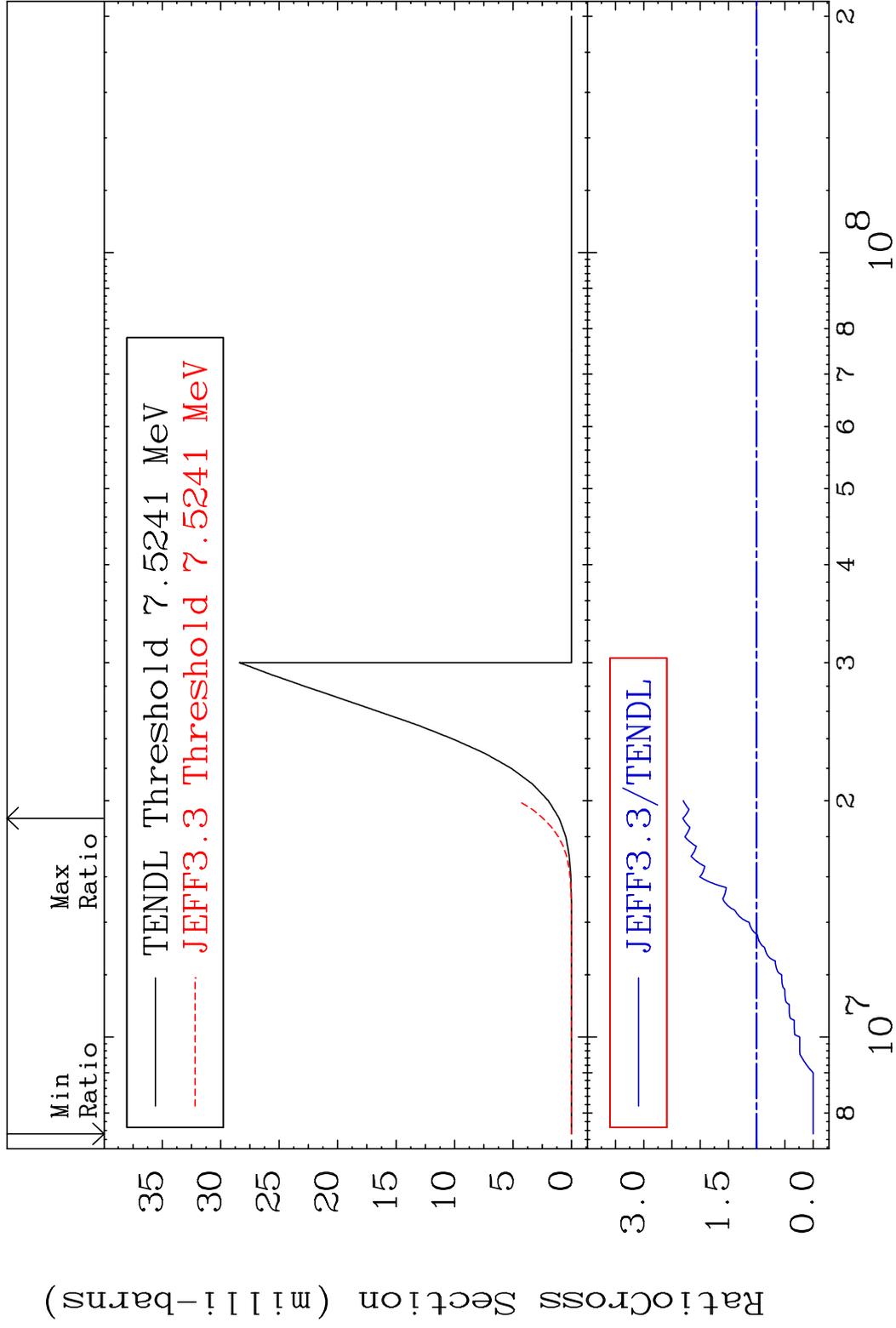
6

Incident Energy (eV)

82-Pb-207

MAT 8234

(n, n') p 82-Pb-207
Cross Section -100.0 To 130.8 %

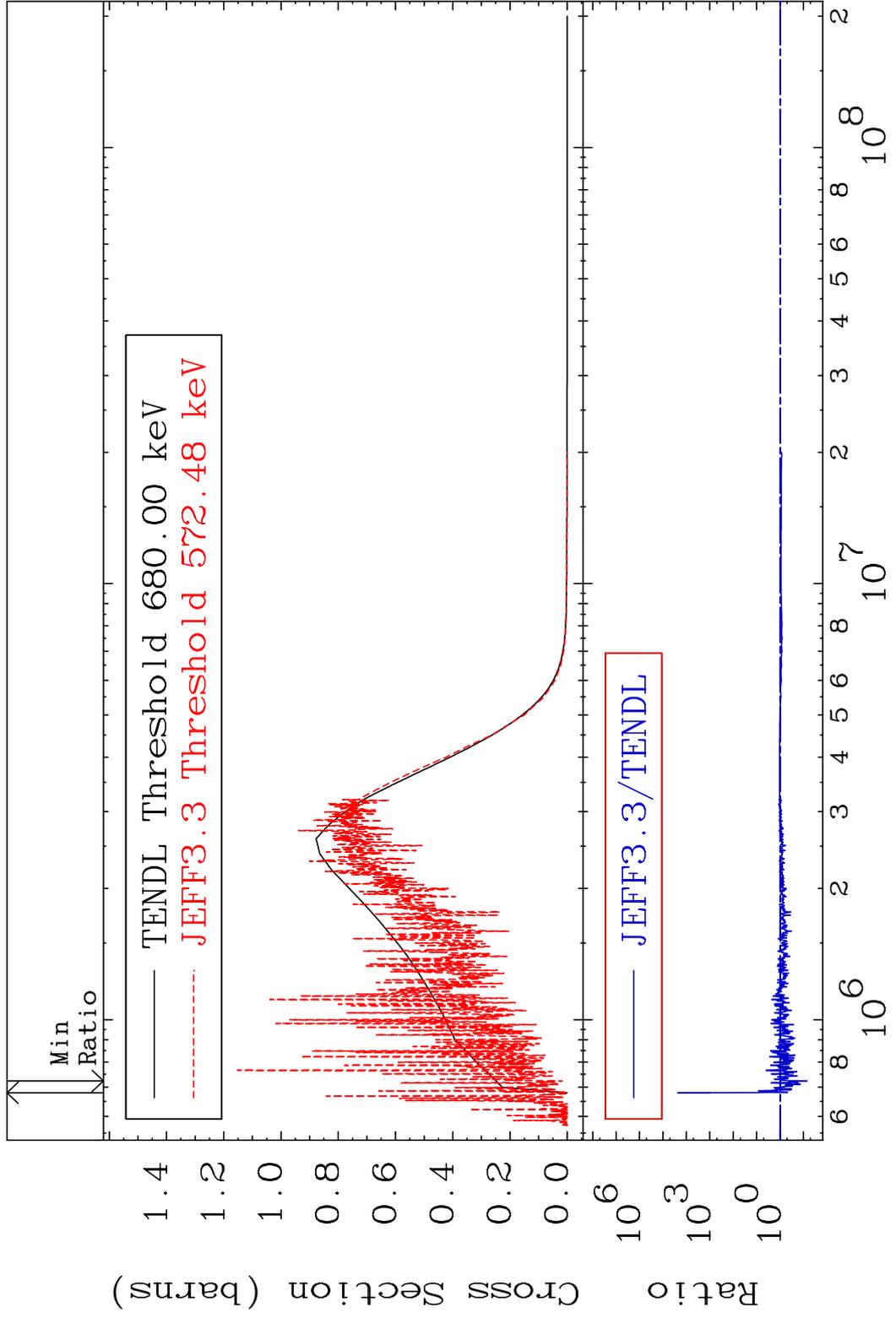


7

Incident Energy (eV)

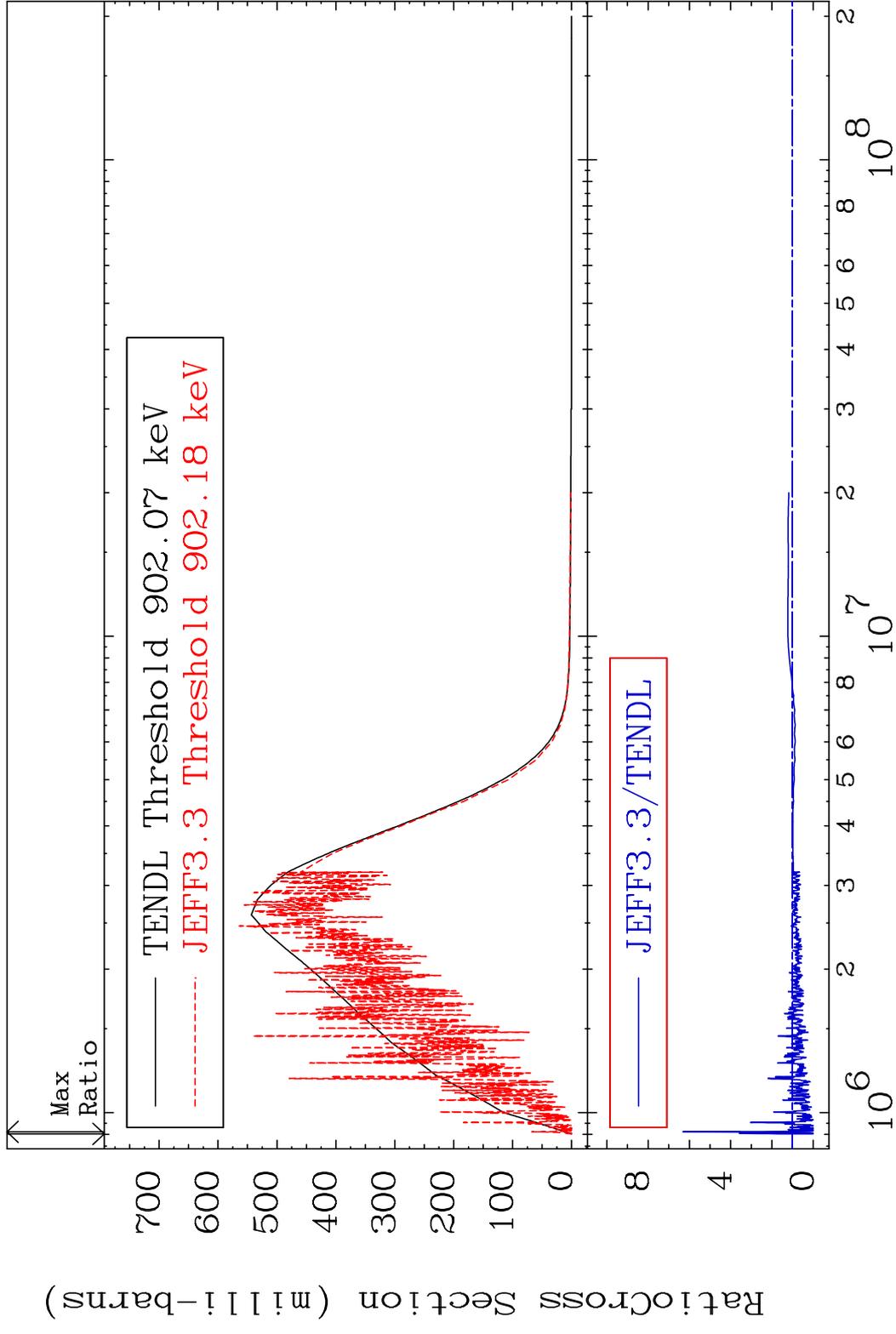
82-Pb-207

MAT 8234 MT= 51 (n,n') Level 82-Pb-207
 Cross Section -92.98 To 9999. %

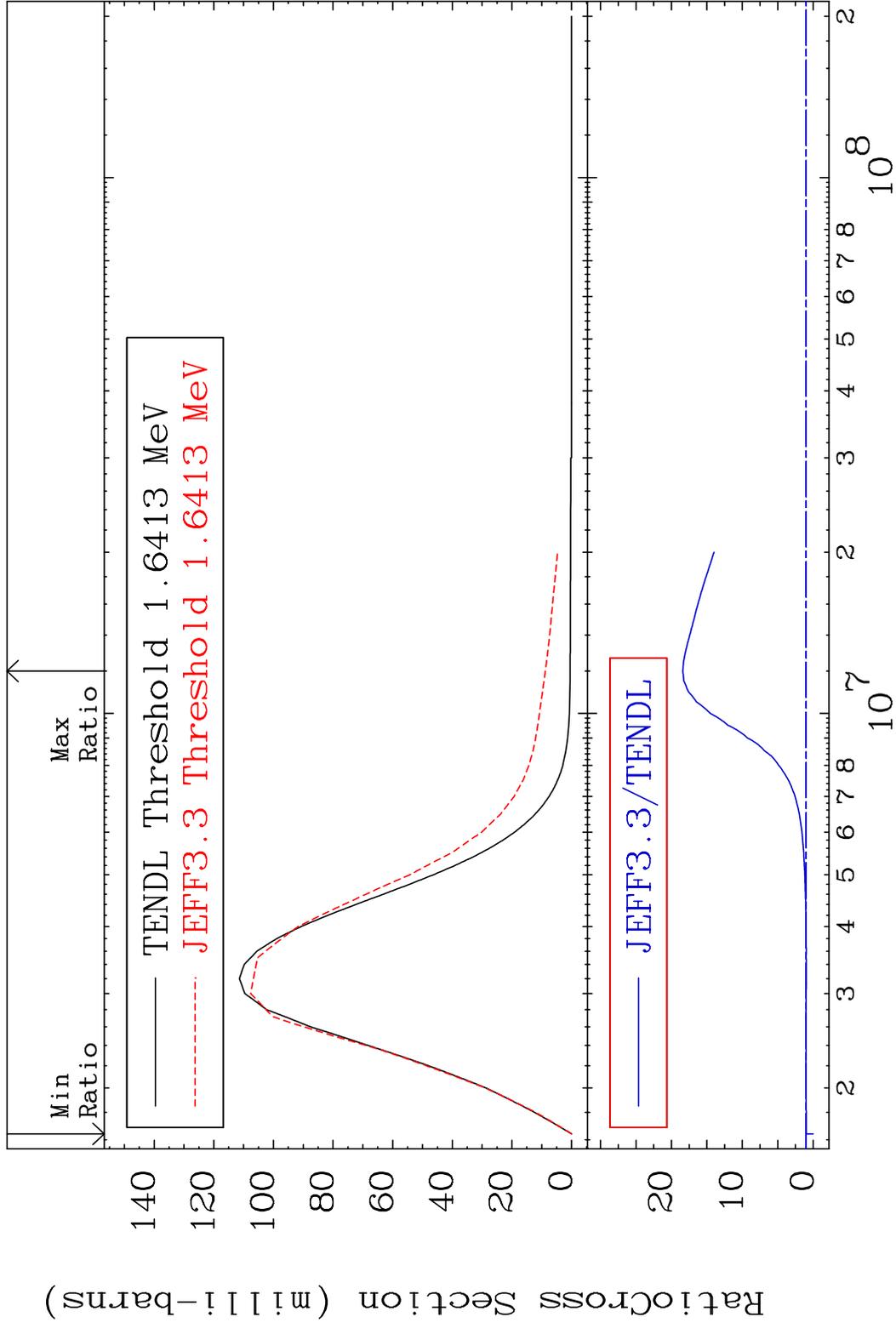


8 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 52 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 531.8 %

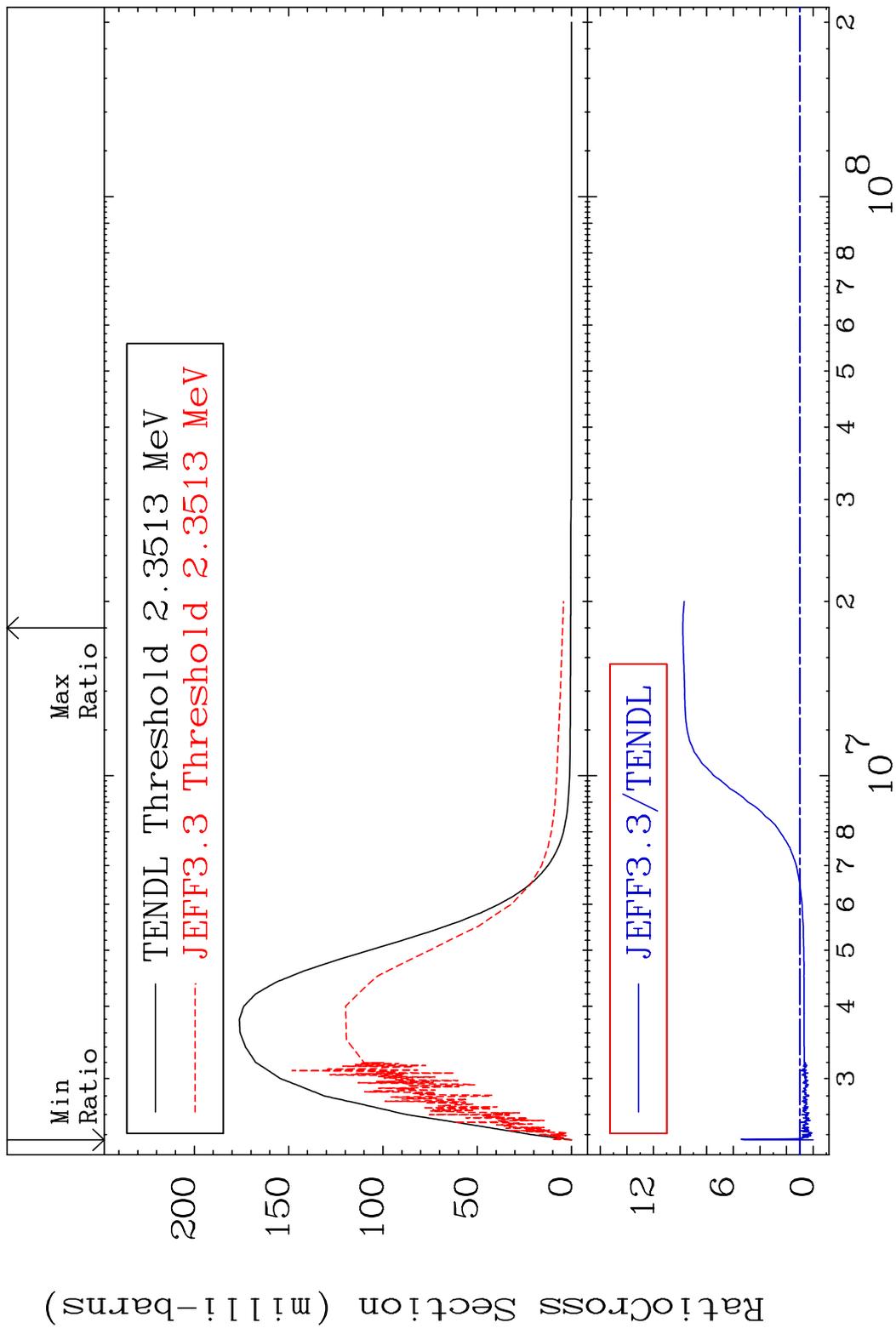


MAT 8234 MT= 53 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1739. %

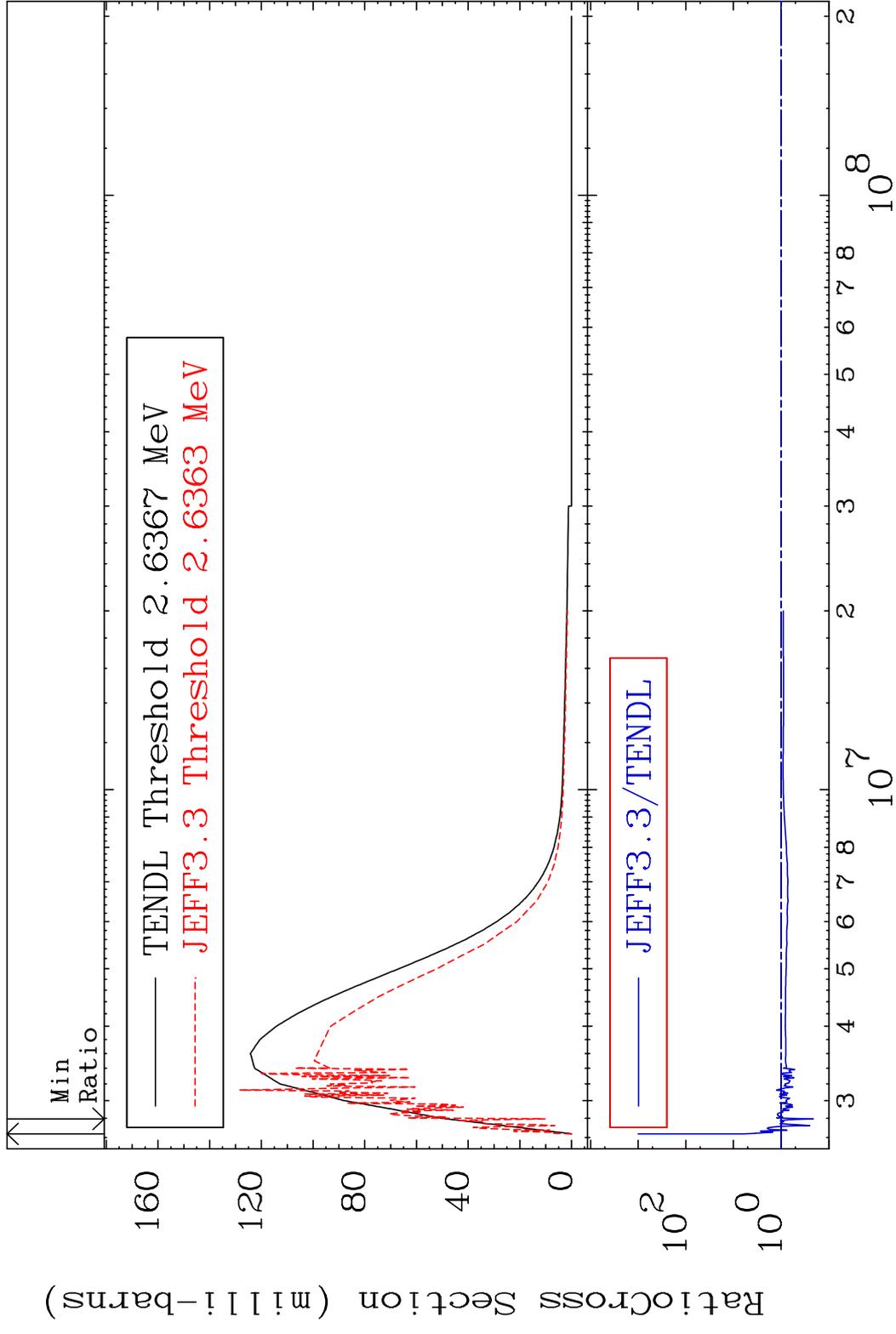


10 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 54 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 879.2 %

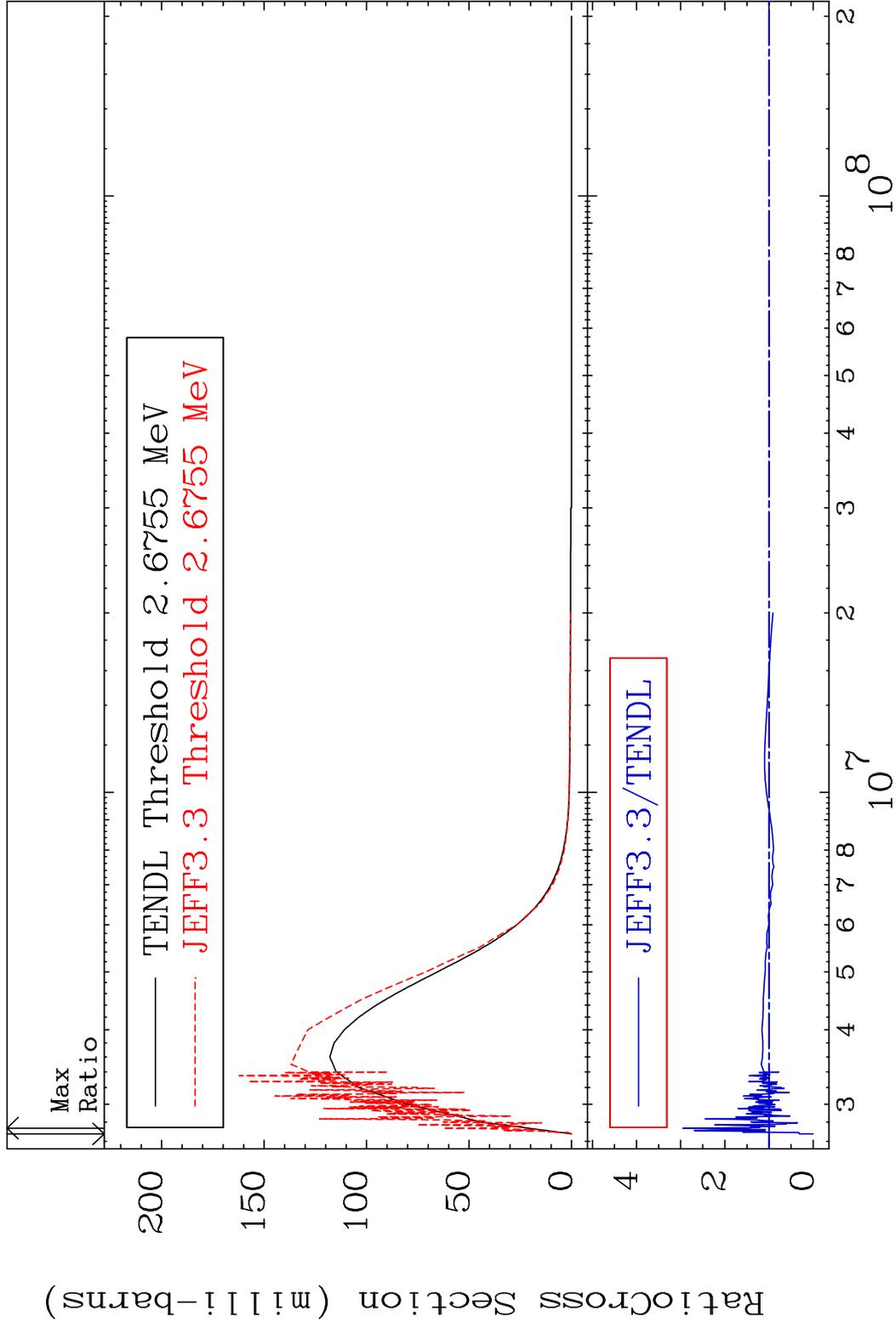


MAT 8234 MT= 55 (n,n') Level 82-Pb-207
 Cross Section -78.85 To 9999. %



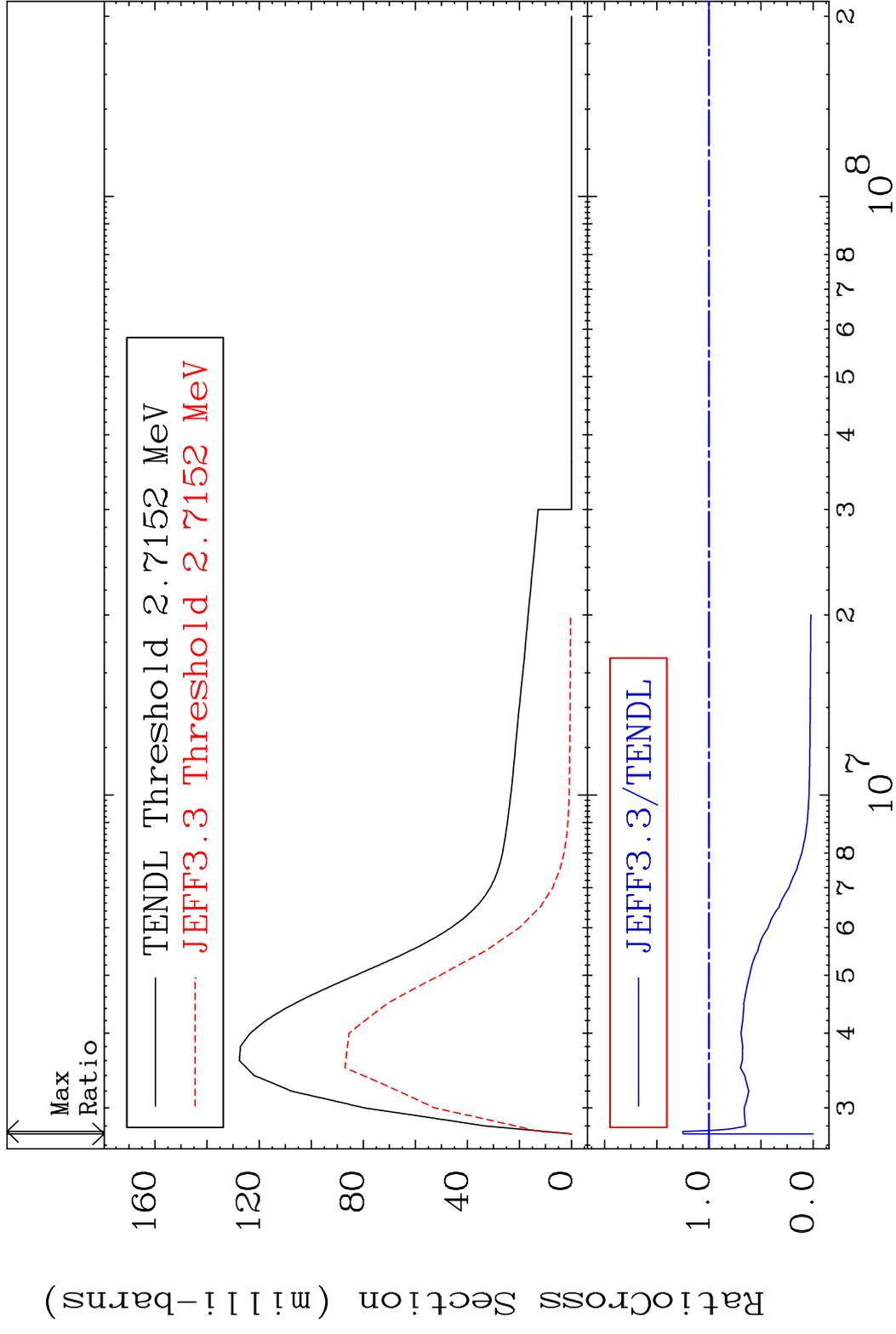
12 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 56 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 195.2 %

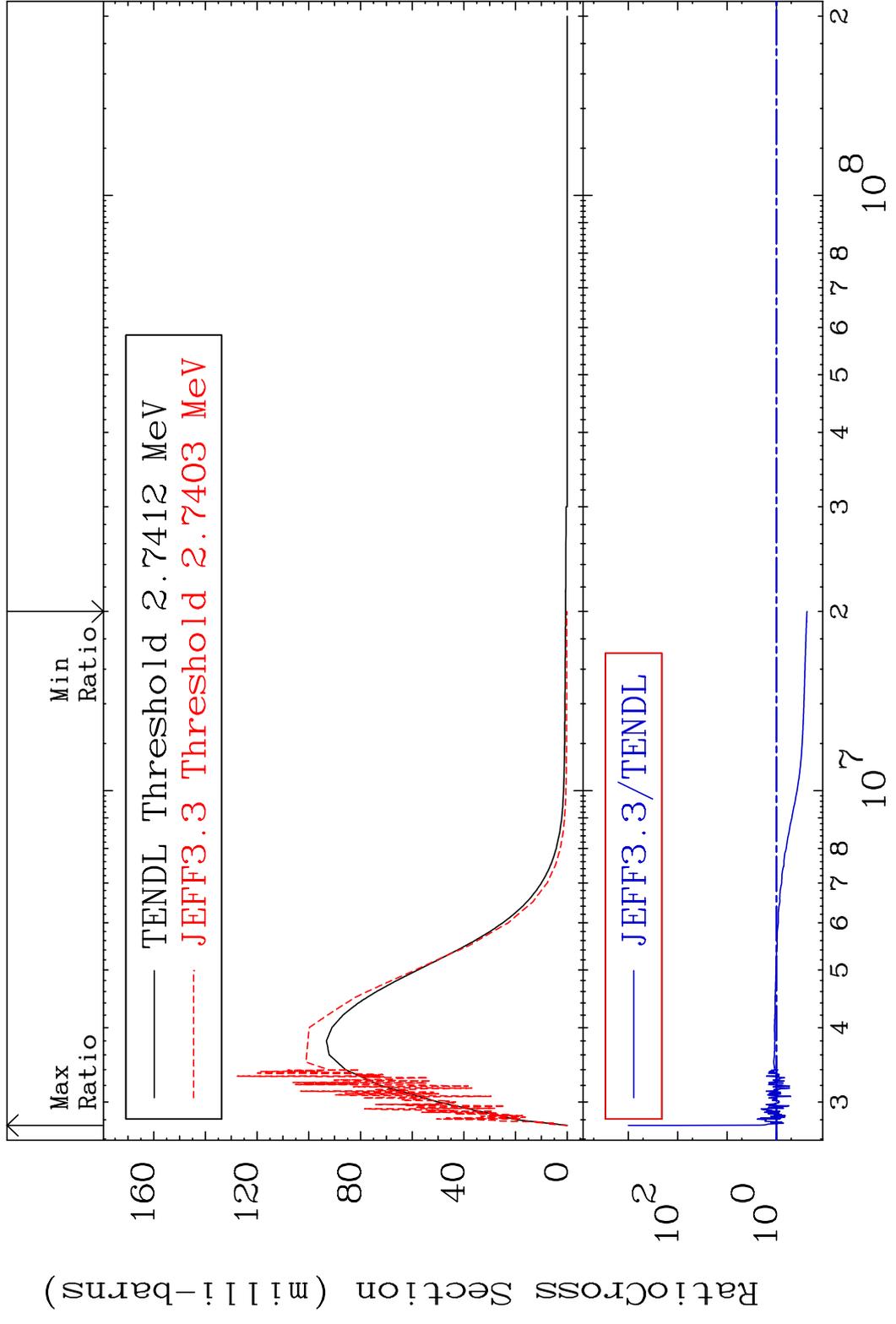


13 82-Pb-207

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

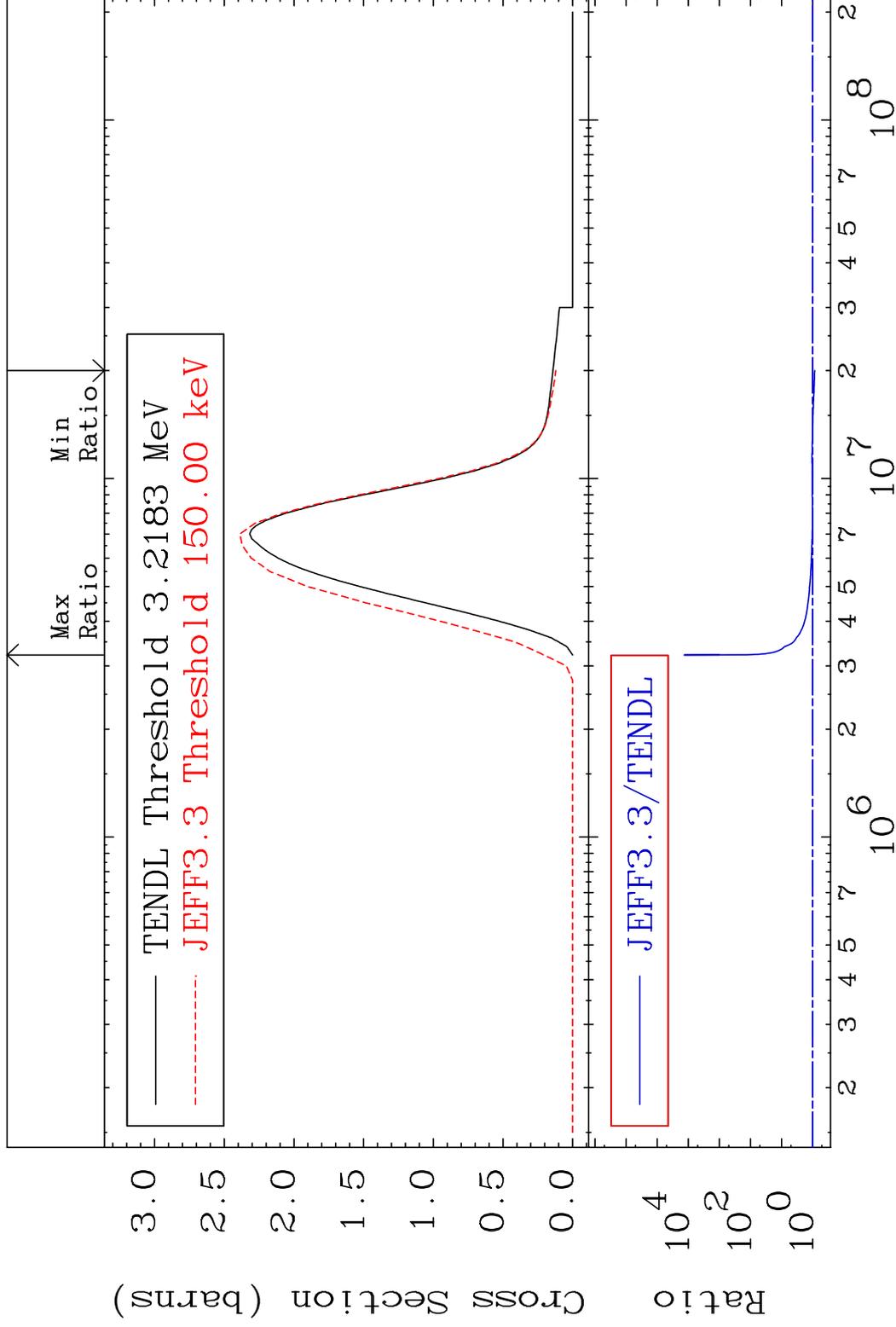


MAT 8234 MT= 58 (n, n') Level 82-Pb-207
 Cross Section -76.01 To 9893. %



MAT 8234

(n,n') Continuum 82-Pb-207
Cross Section -14.44 To 9999. %



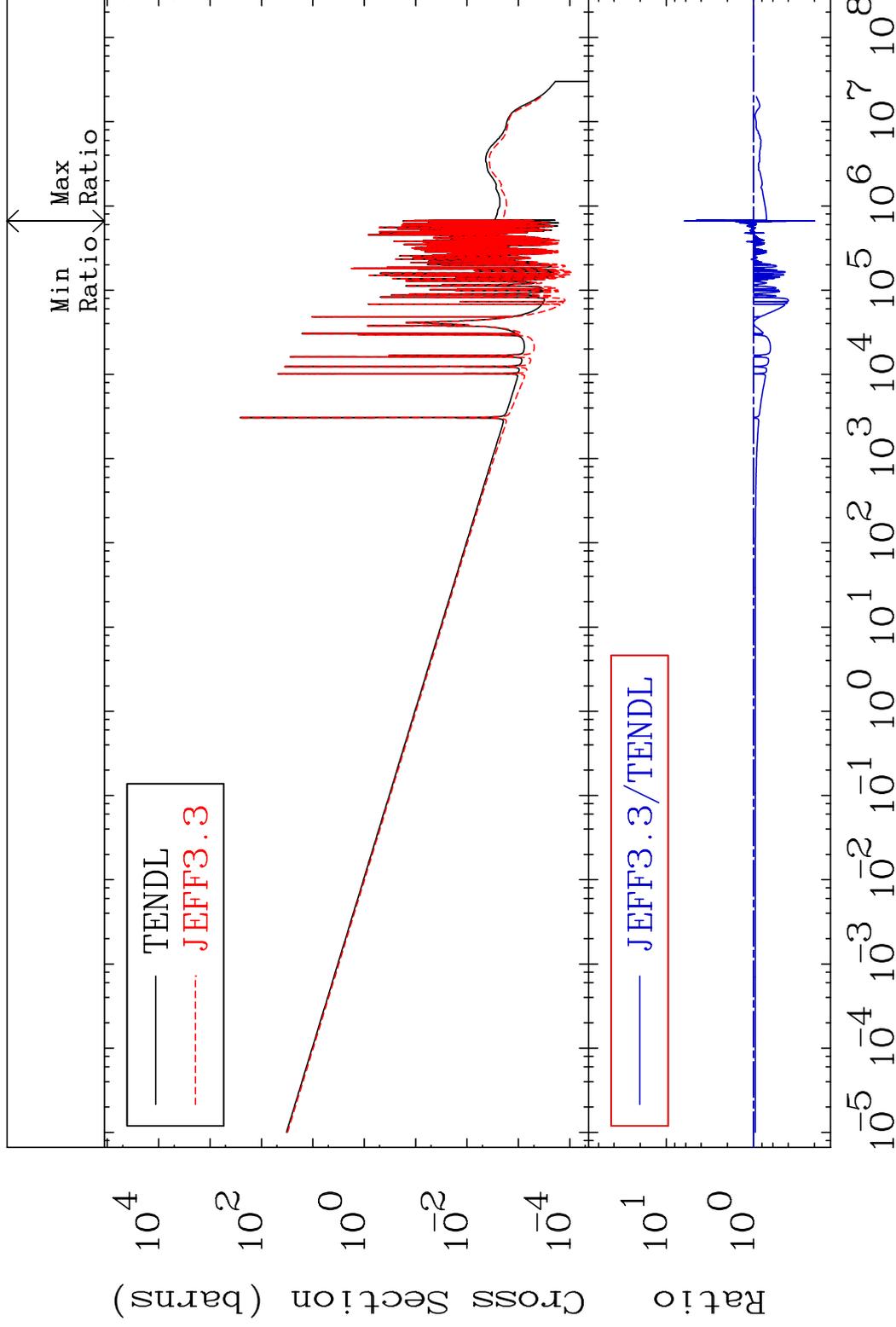
MAT 8234

(n, γ)

82-Pb-207

Cross Section

-80.13 To 525.7 %



17

Incident Energy (eV)

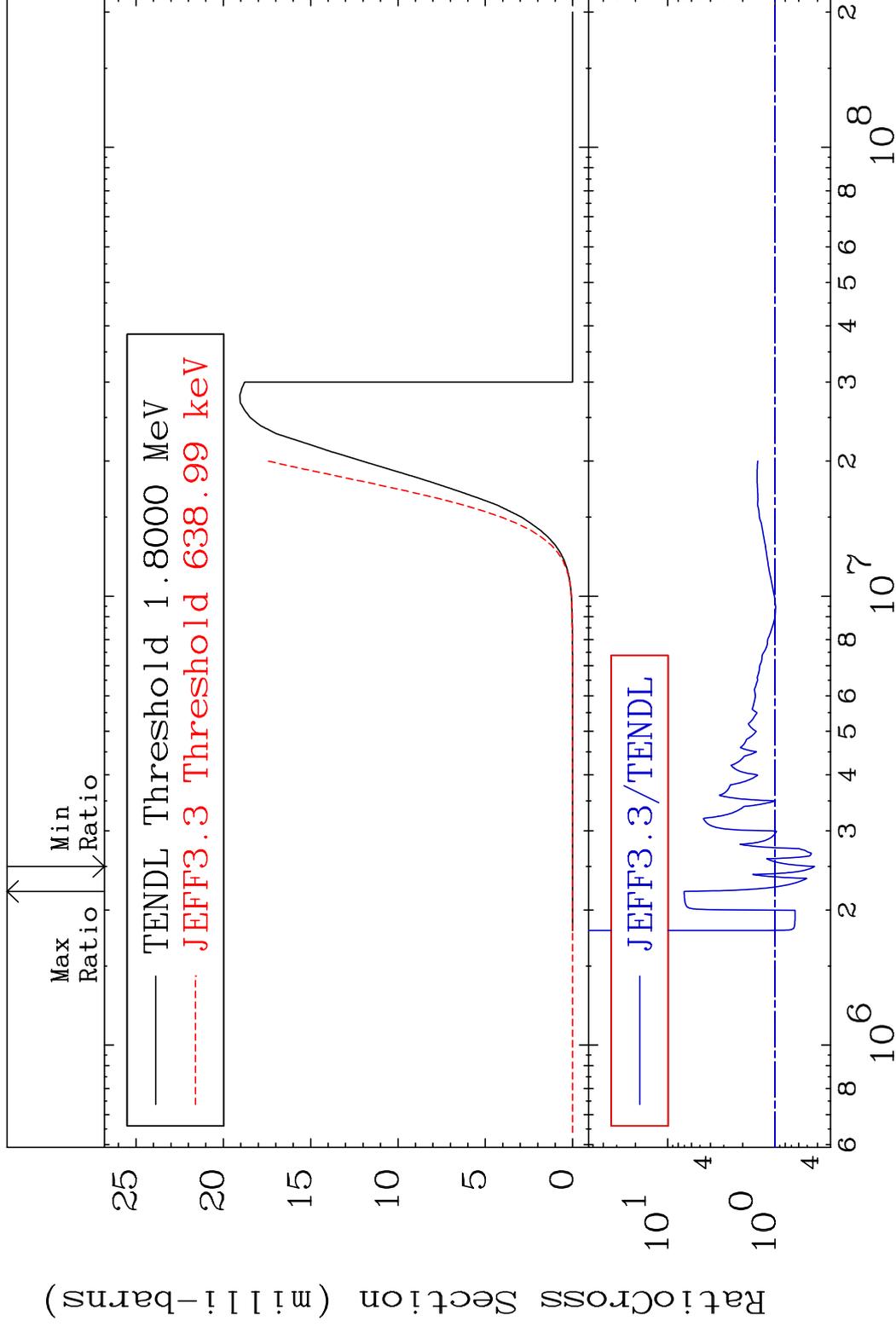
82-Pb-207

MAT 8234

(n, p)

82-Pb-207

Cross Section -57.50 To 603.4 %



18

Incident Energy (eV)

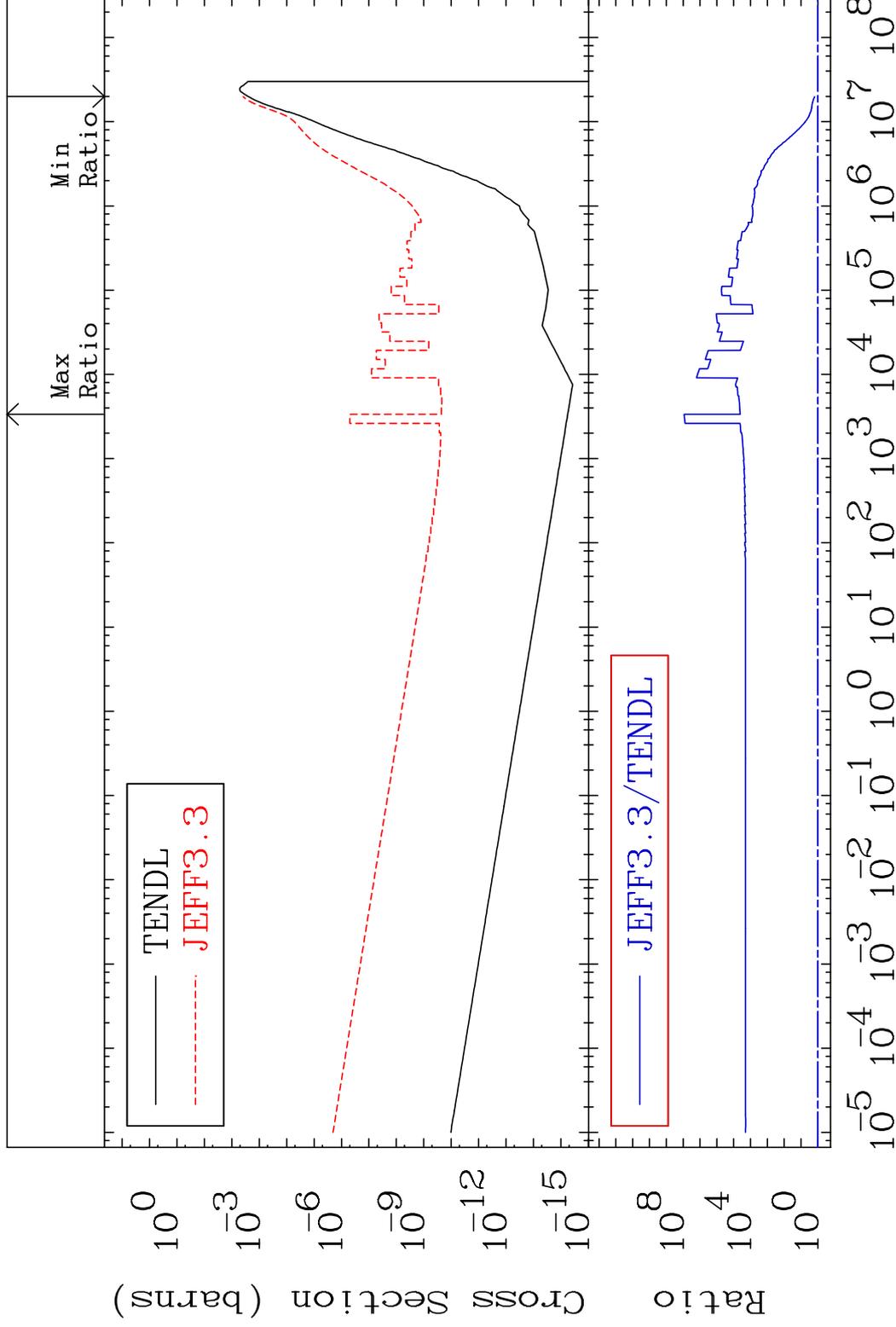
82-Pb-207

MAT 8234

82-Pb-207

(n, α)

Cross Section 53.91 To 9999. %

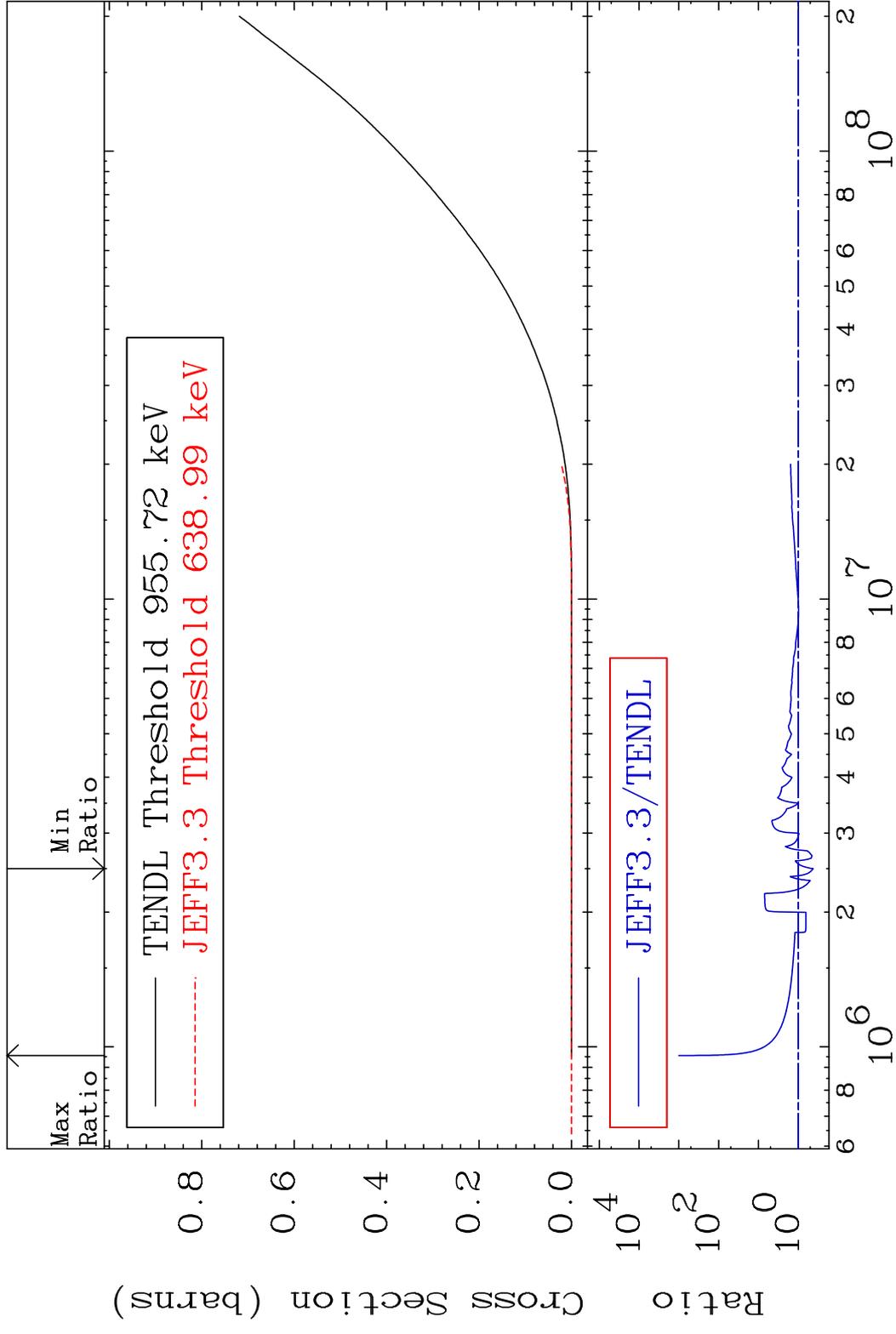


19

Incident Energy (eV)

82-Pb-207

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



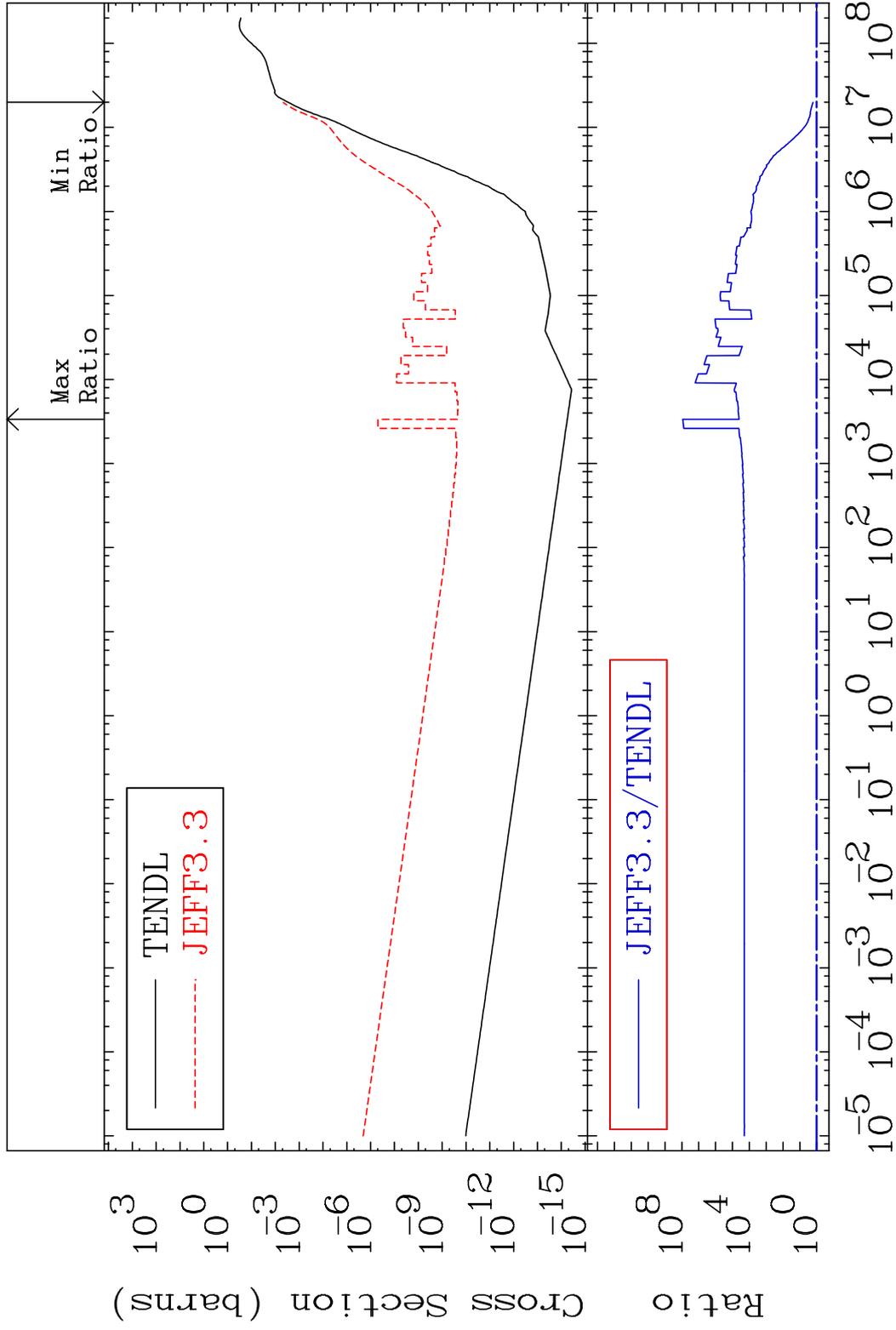
20 Incident Energy (eV) 82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section 62.95 To 9999. %

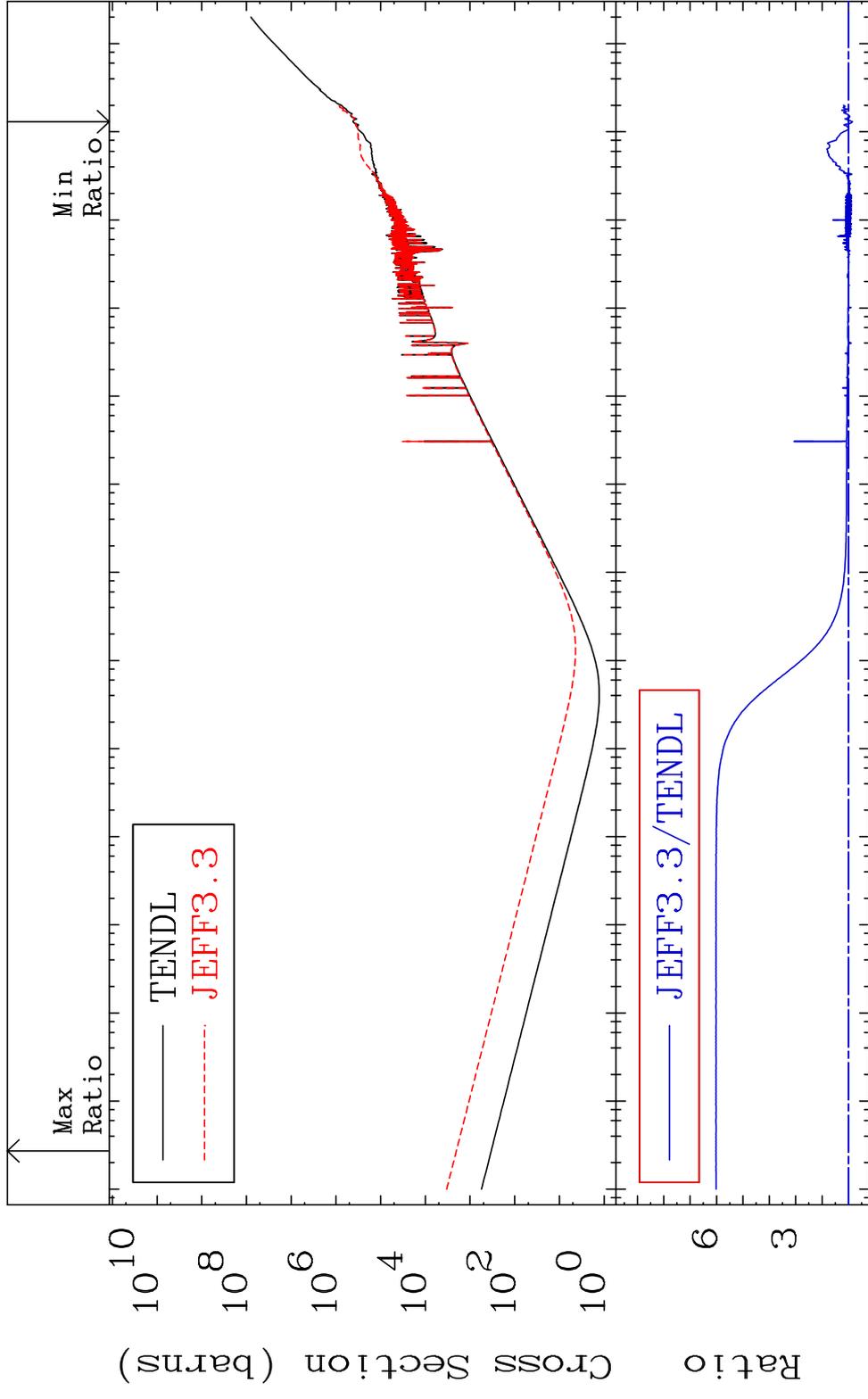


21

Incident Energy (eV)

82-Pb-207

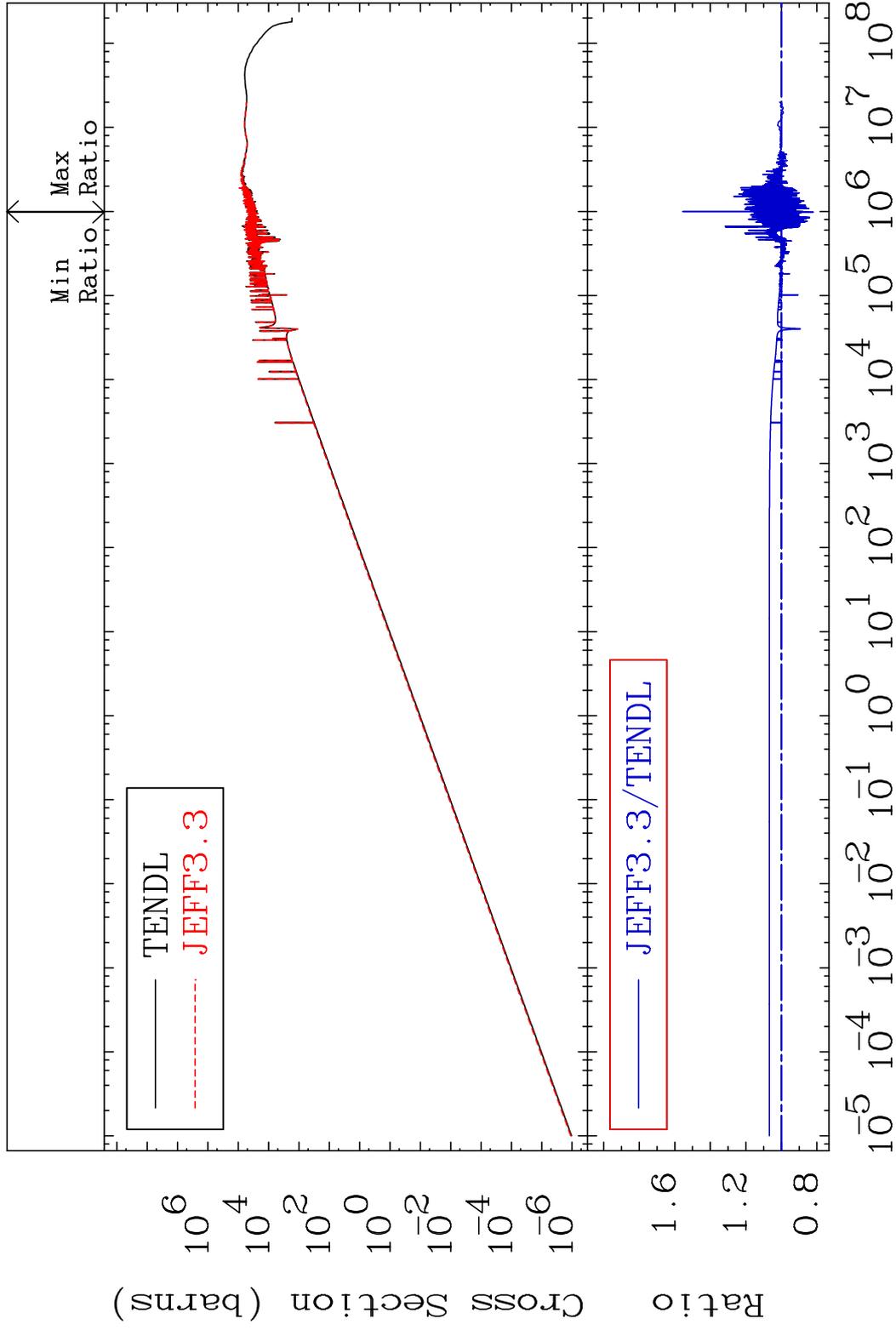
MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -15.40 To 502.5 %



MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-17.86 To 55.48 %

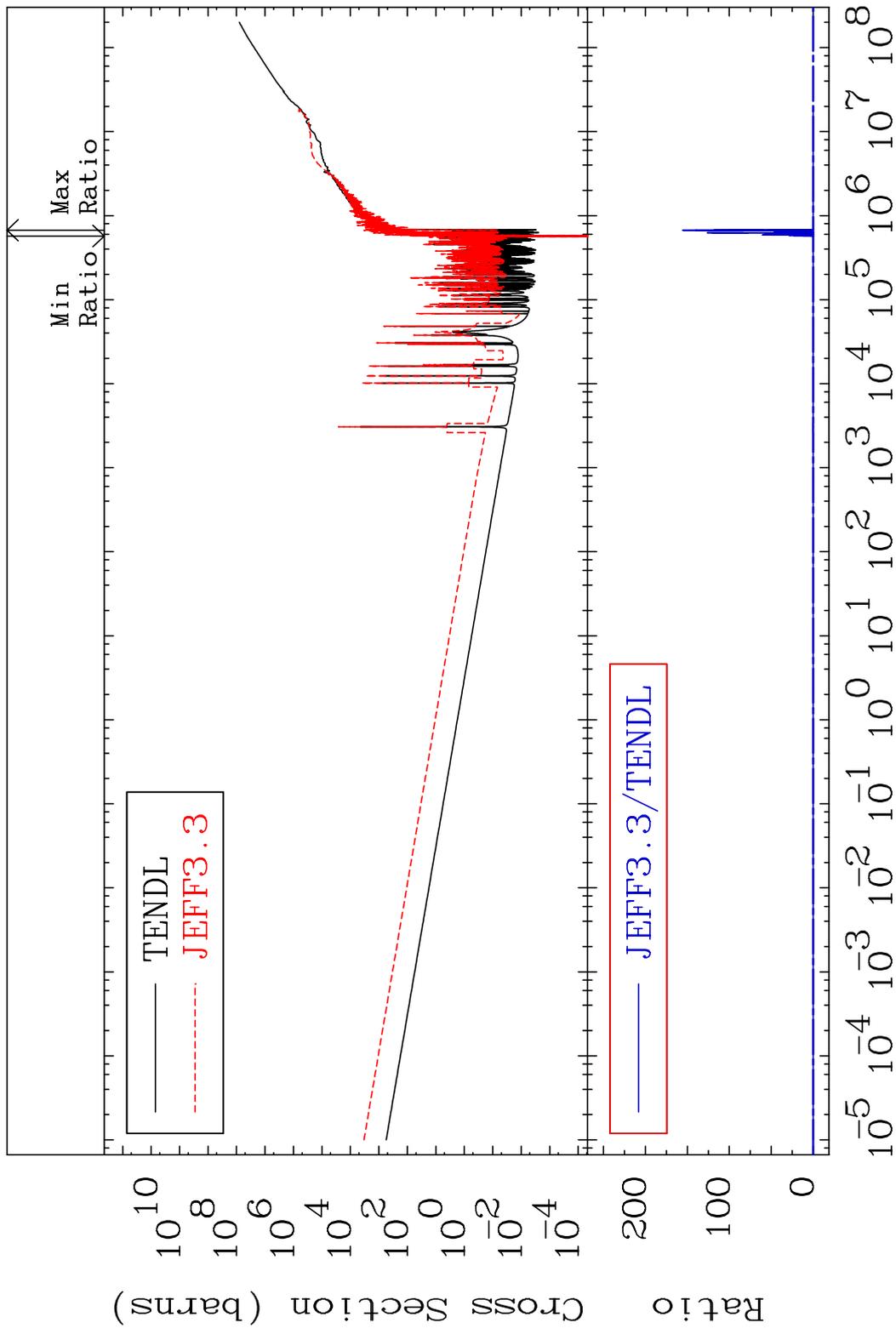


23

Incident Energy (eV)

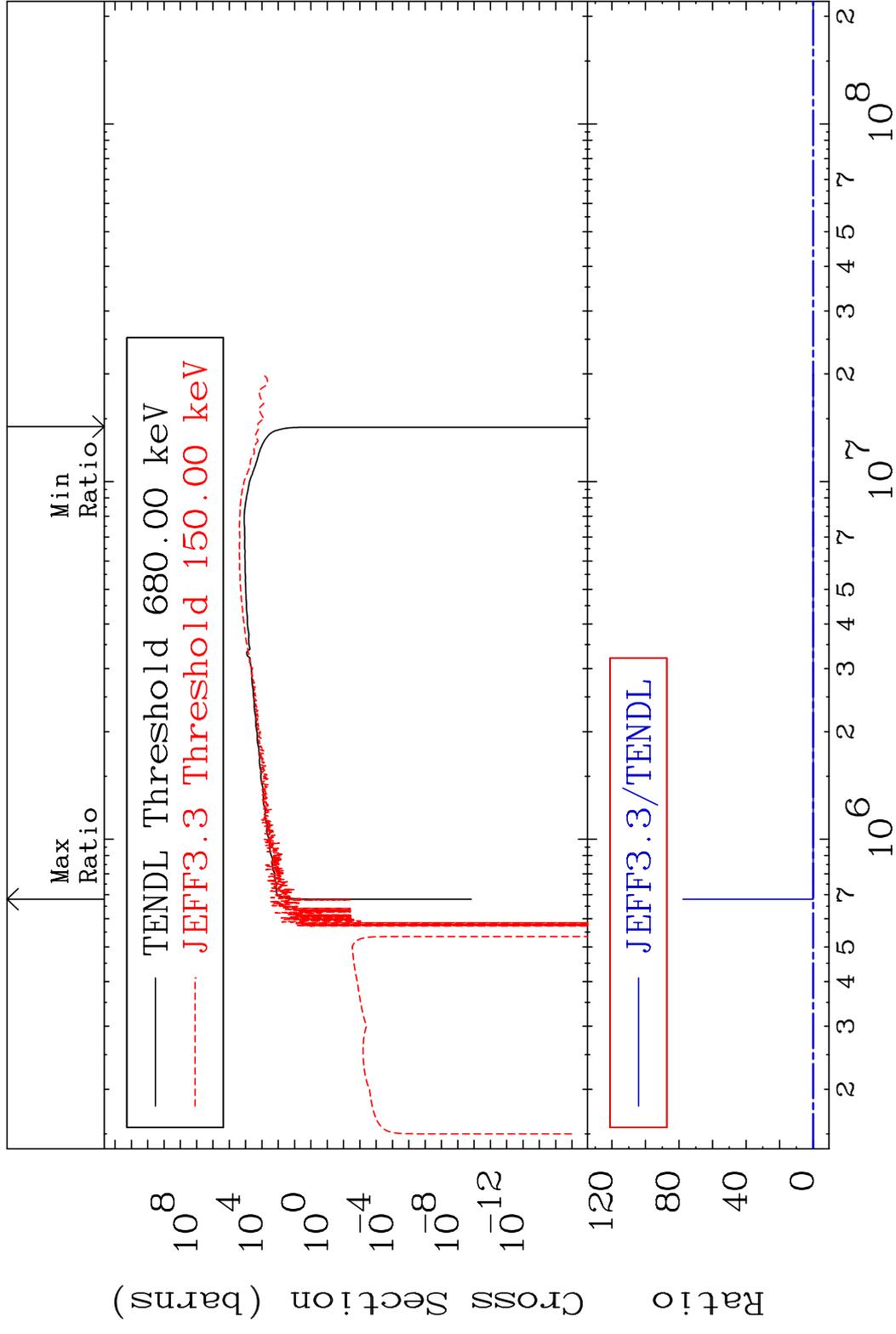
82-Pb-207

MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -1308. To 9999. %

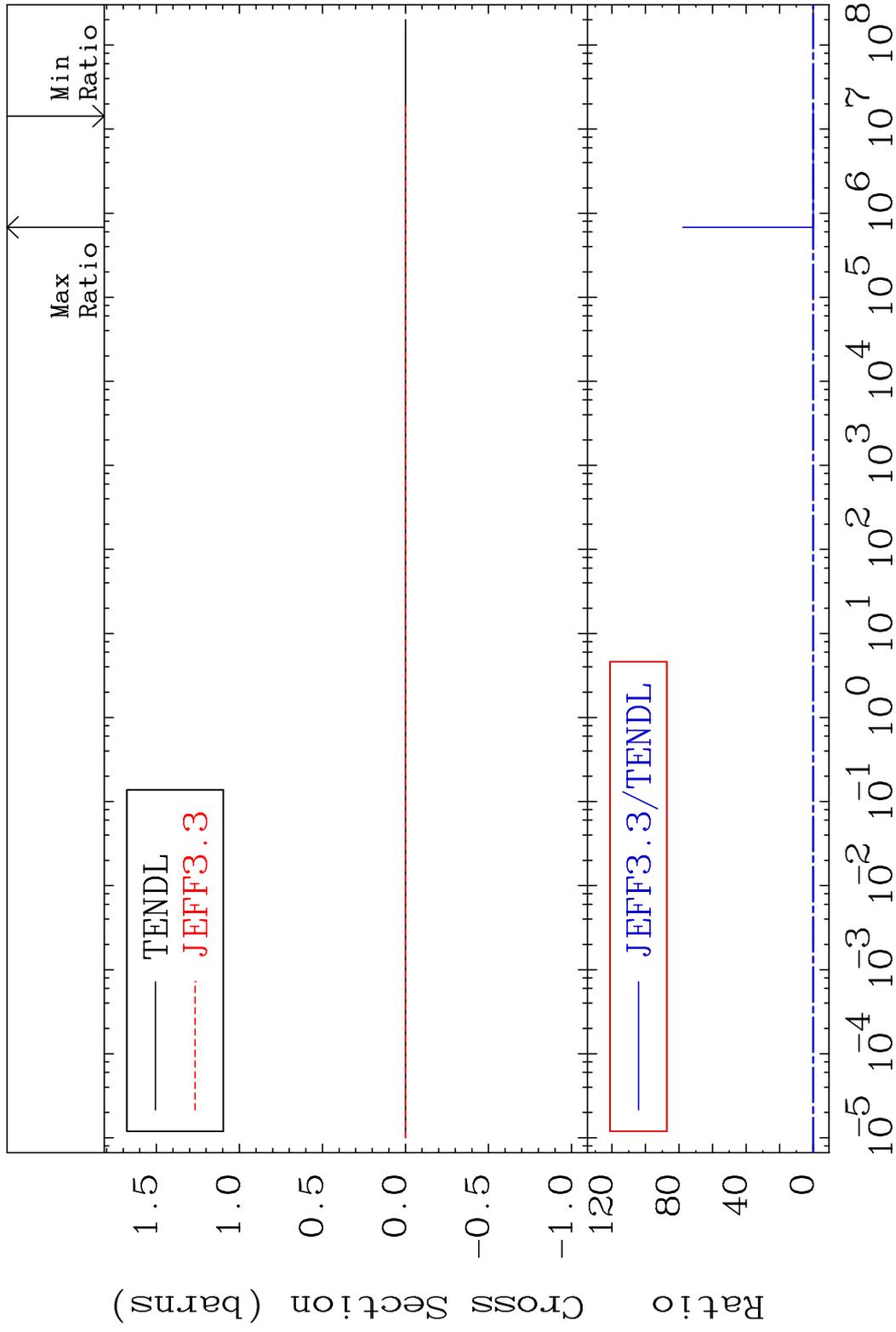


24 Incident Energy (eV) 82-Pb-207

MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -8478. To 9999. %



MAT 8234 Kerma fission (mt18 or mt19-20-21-38) ^{82}Pb -207
 Cross Section -8478. To 9999. %

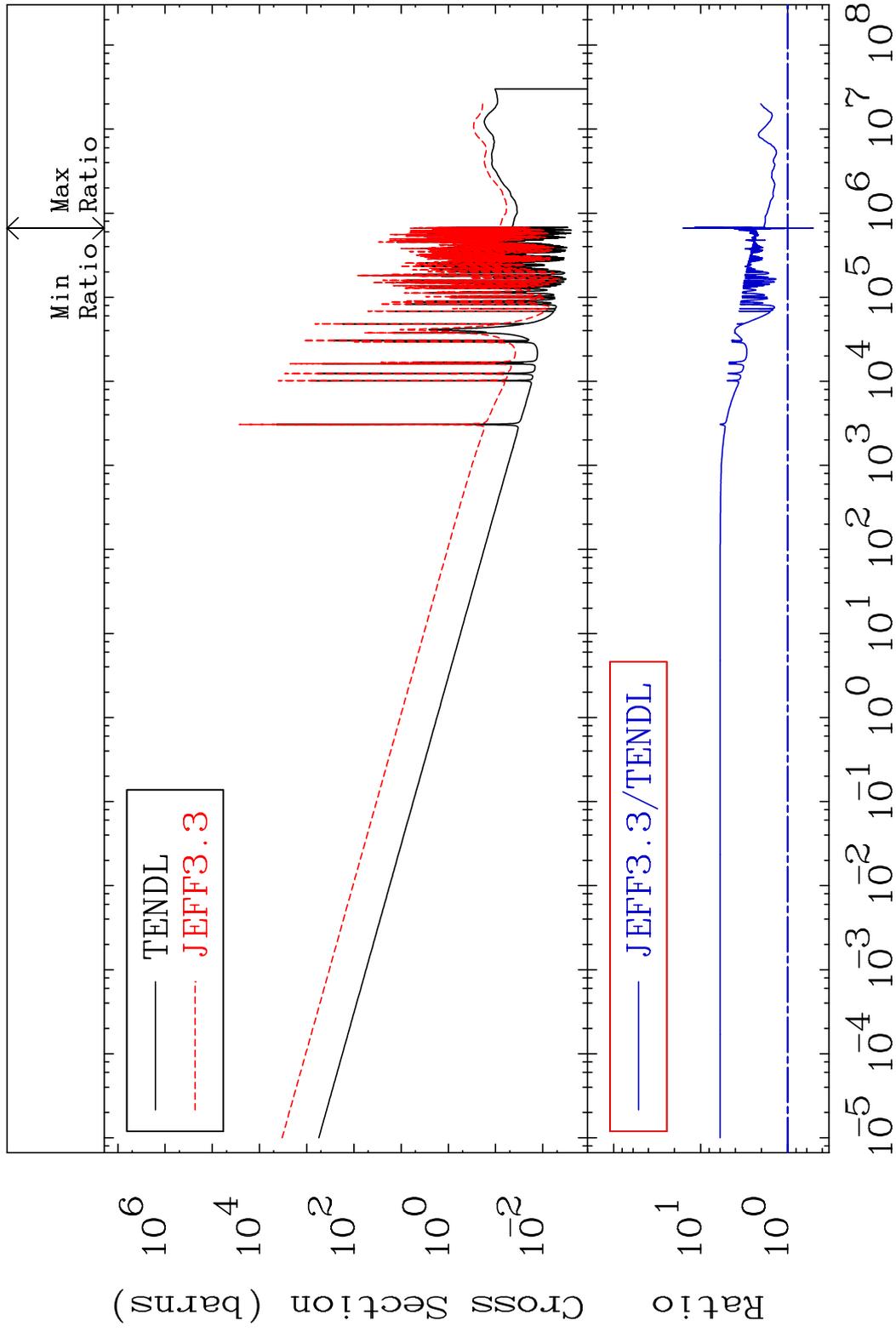


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -49.12 To 1504. %



27

Incident Energy (eV)

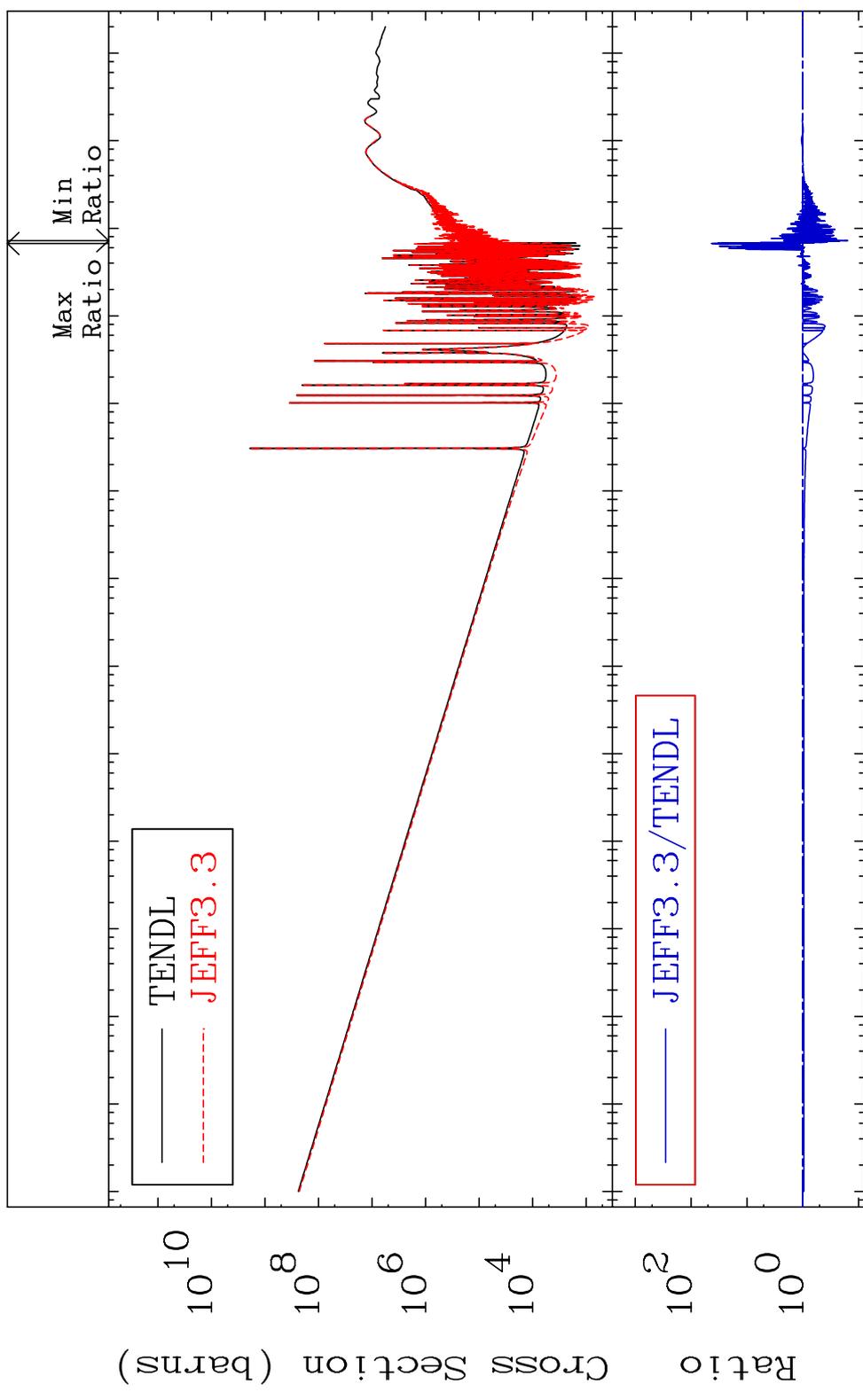
82-Pb-207

MAT 8234

Total photon (eV-barns)

82-Pb-207

Cross Section -84.29 To 4161. %

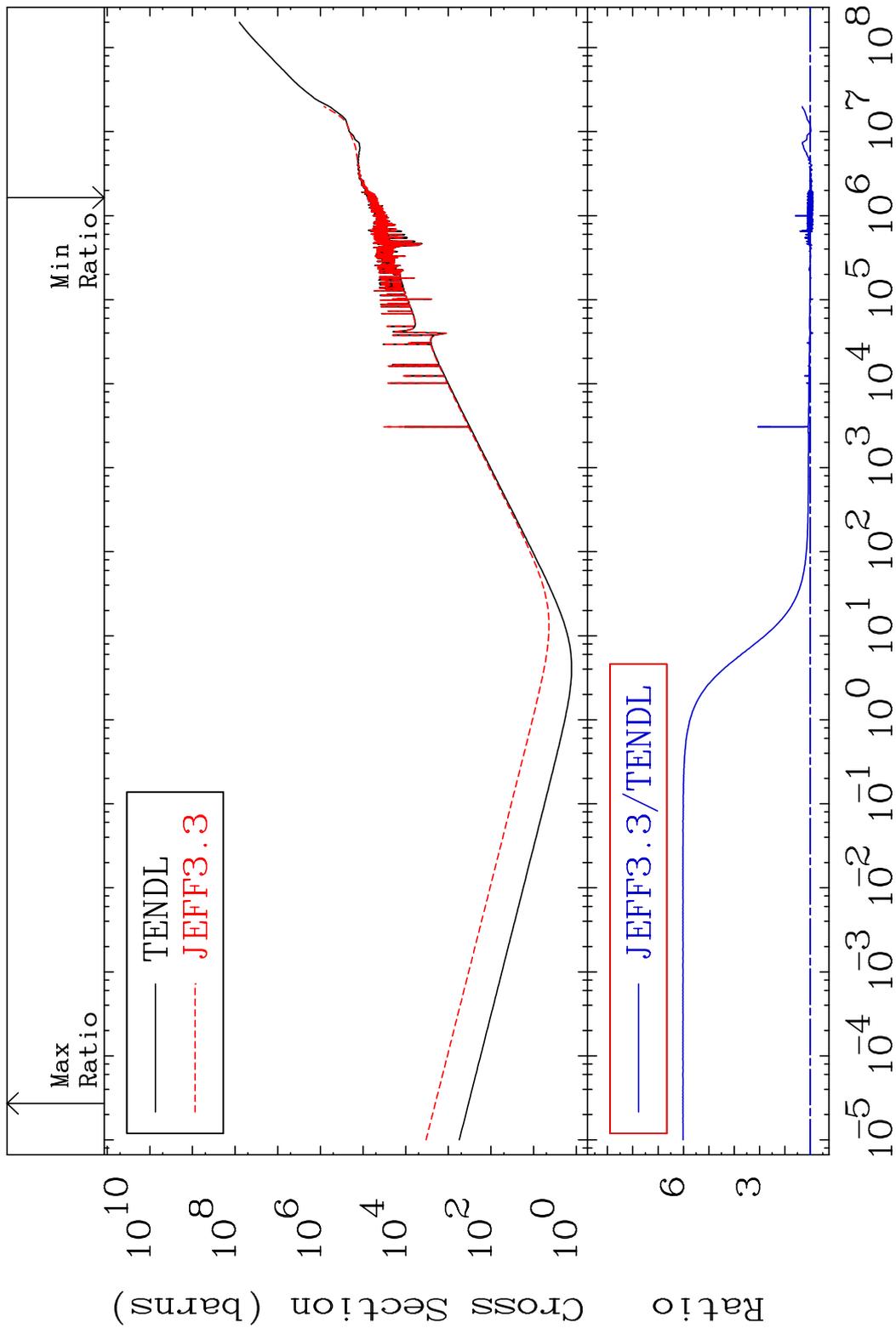


28

Incident Energy (eV)

82-Pb-207

MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -11.68 To 502.5 %

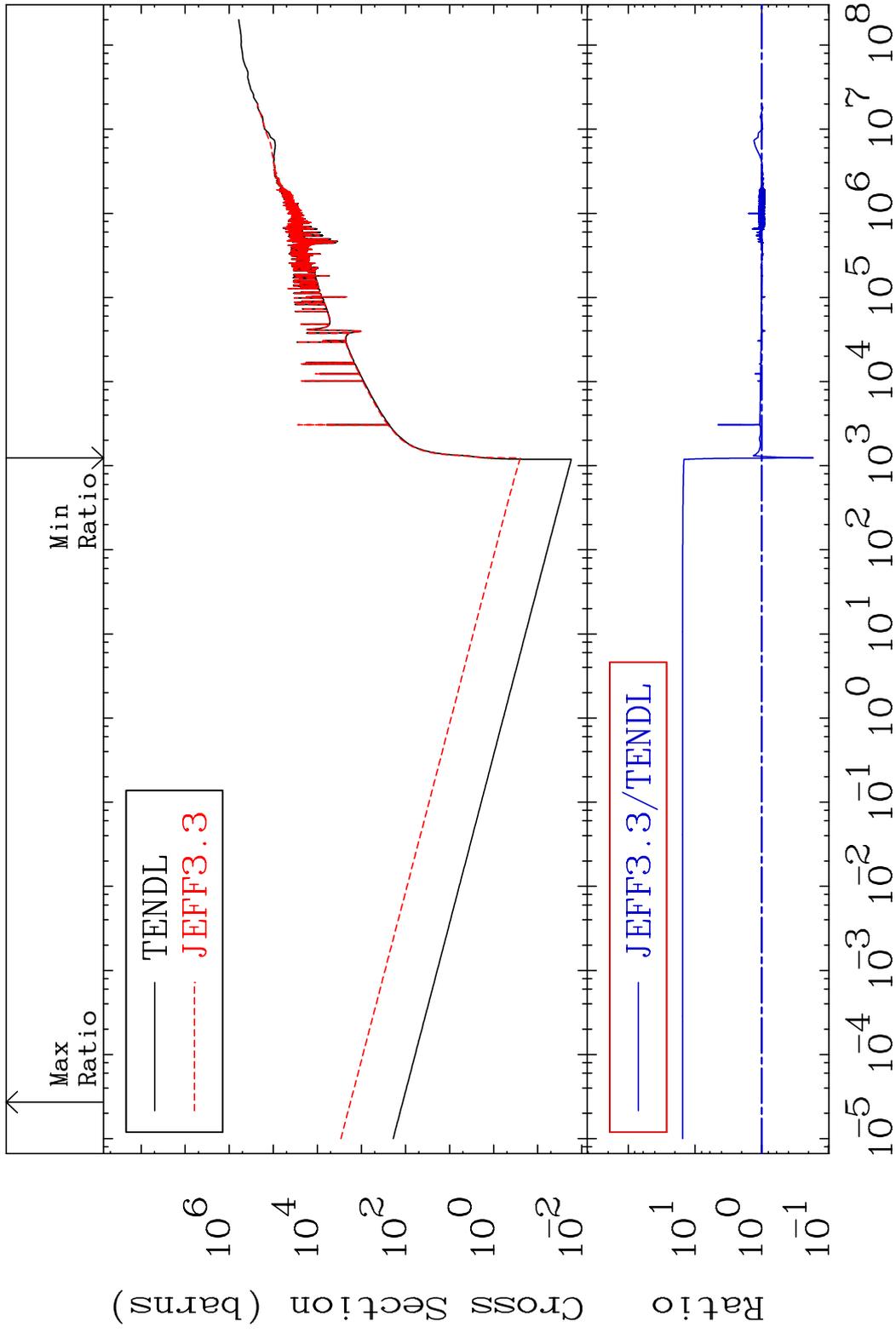


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -82.95 To 1435. %



30

Incident Energy (eV)

82-Pb-207

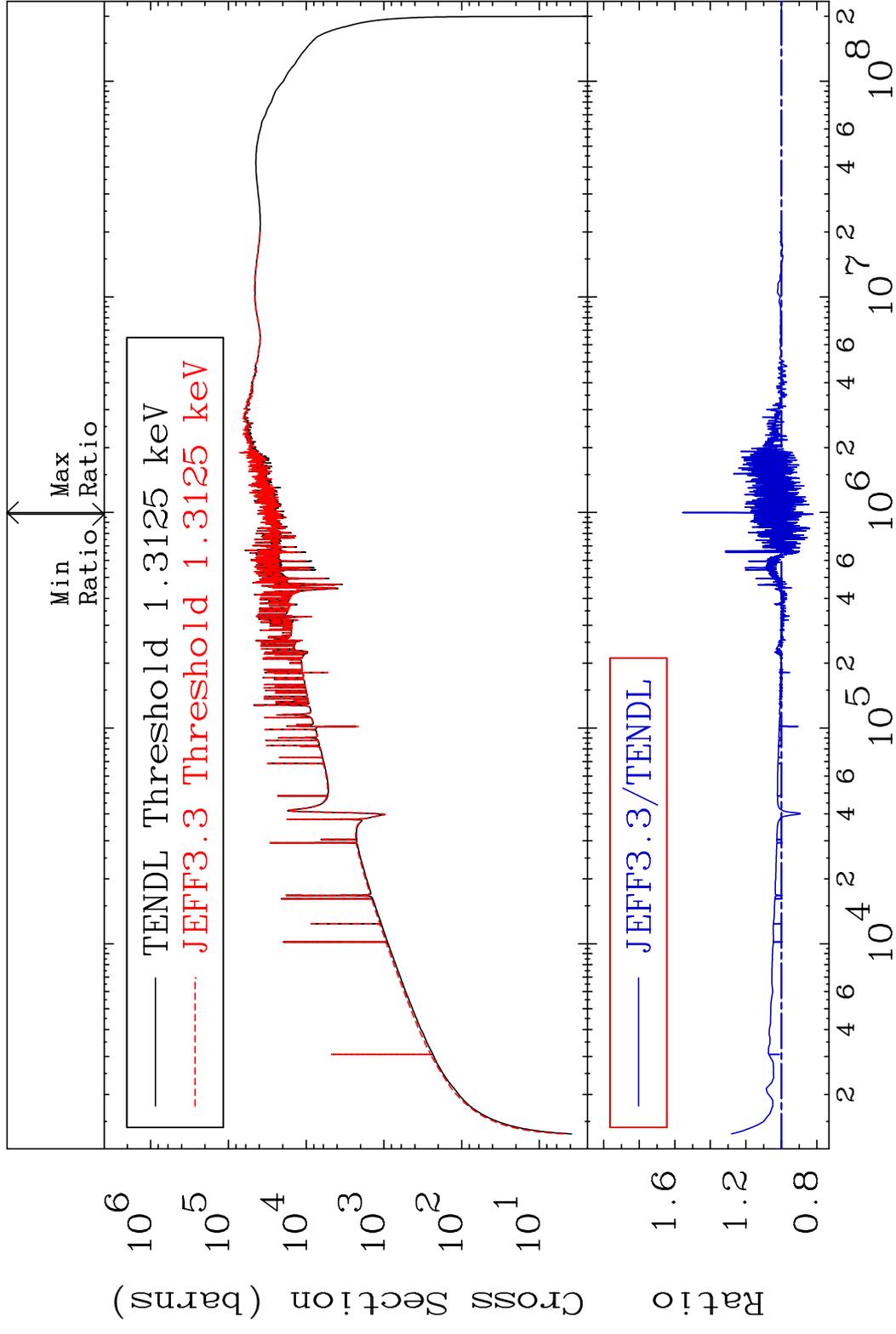
MAT 8234

Dpa elastic (mt2)

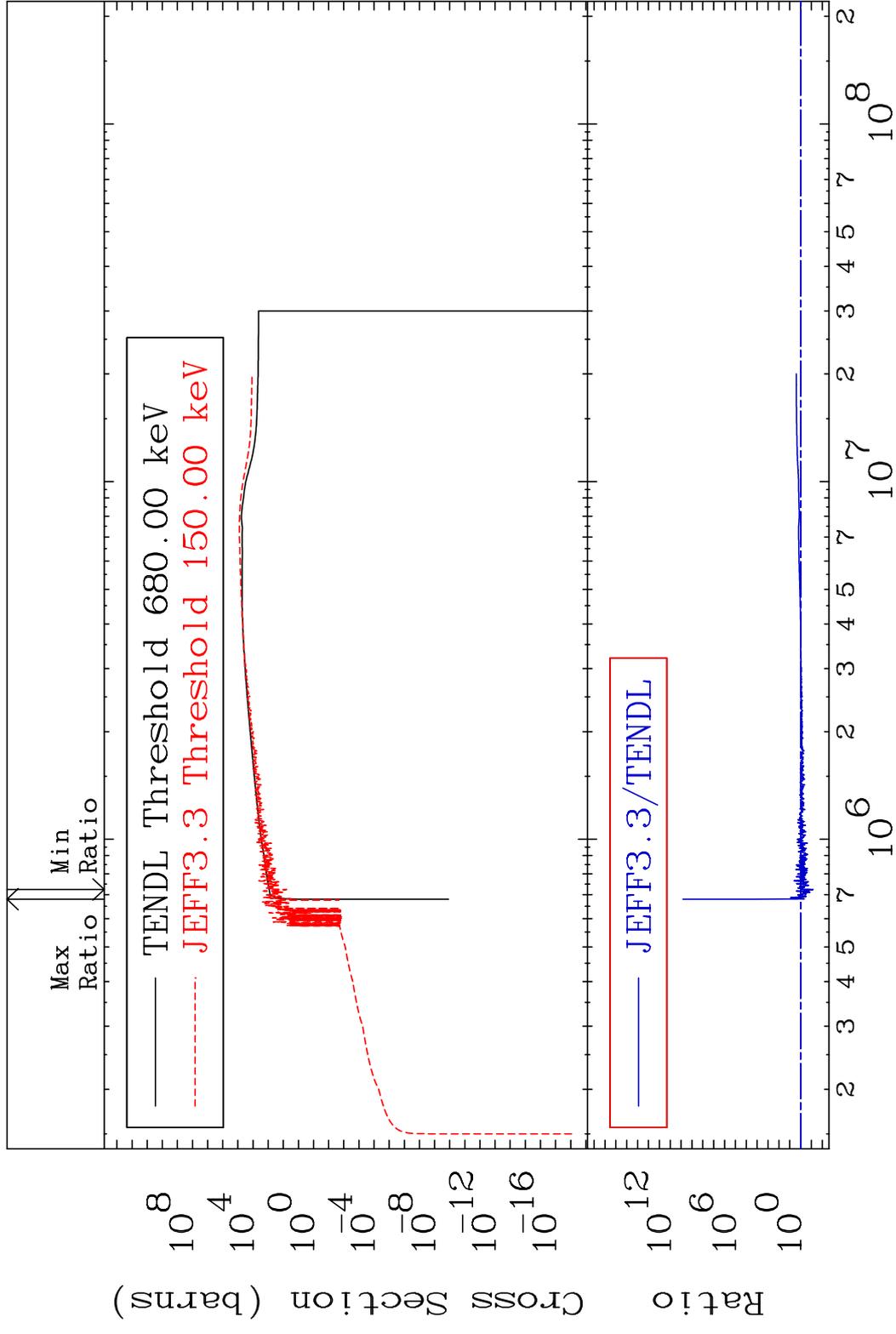
82-Pb-207

Cross Section

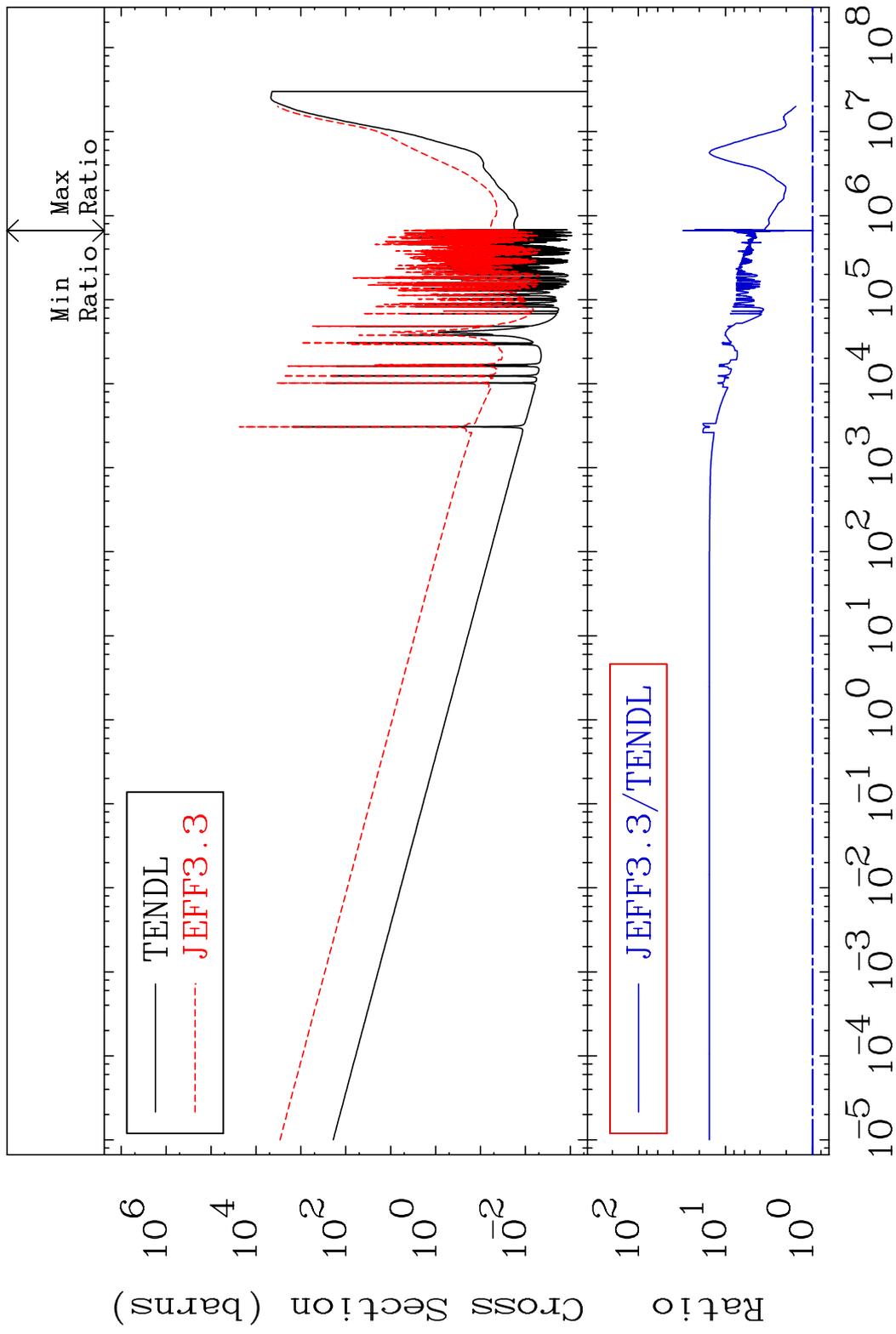
-17.87 To 55.48 %



MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -92.98 To 9999. %



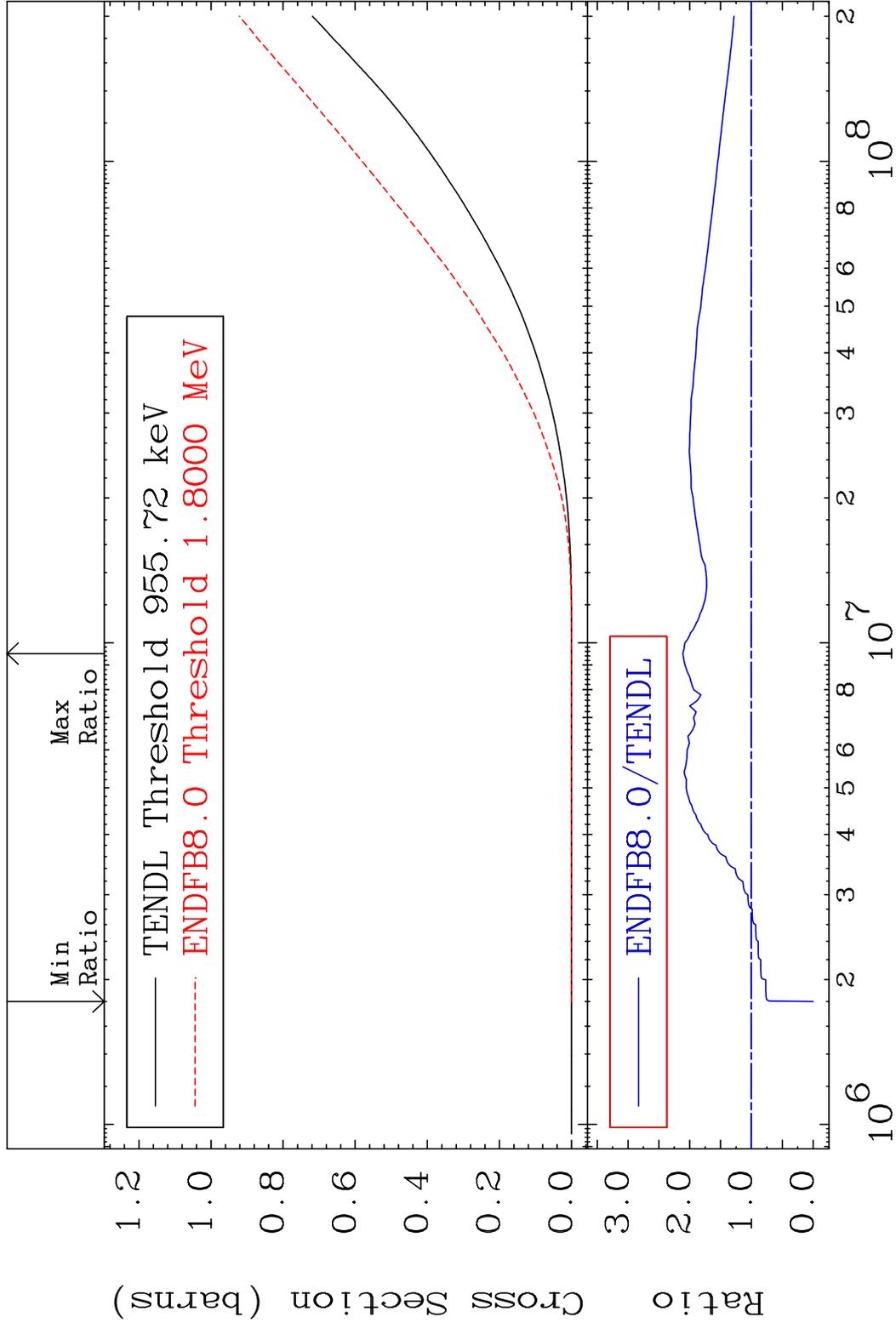
MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -1.775 To 2990. %



MAT 8234

Hydrogen Production
Cross Section -100.0 To 111.2 %

82-Pb-207



34

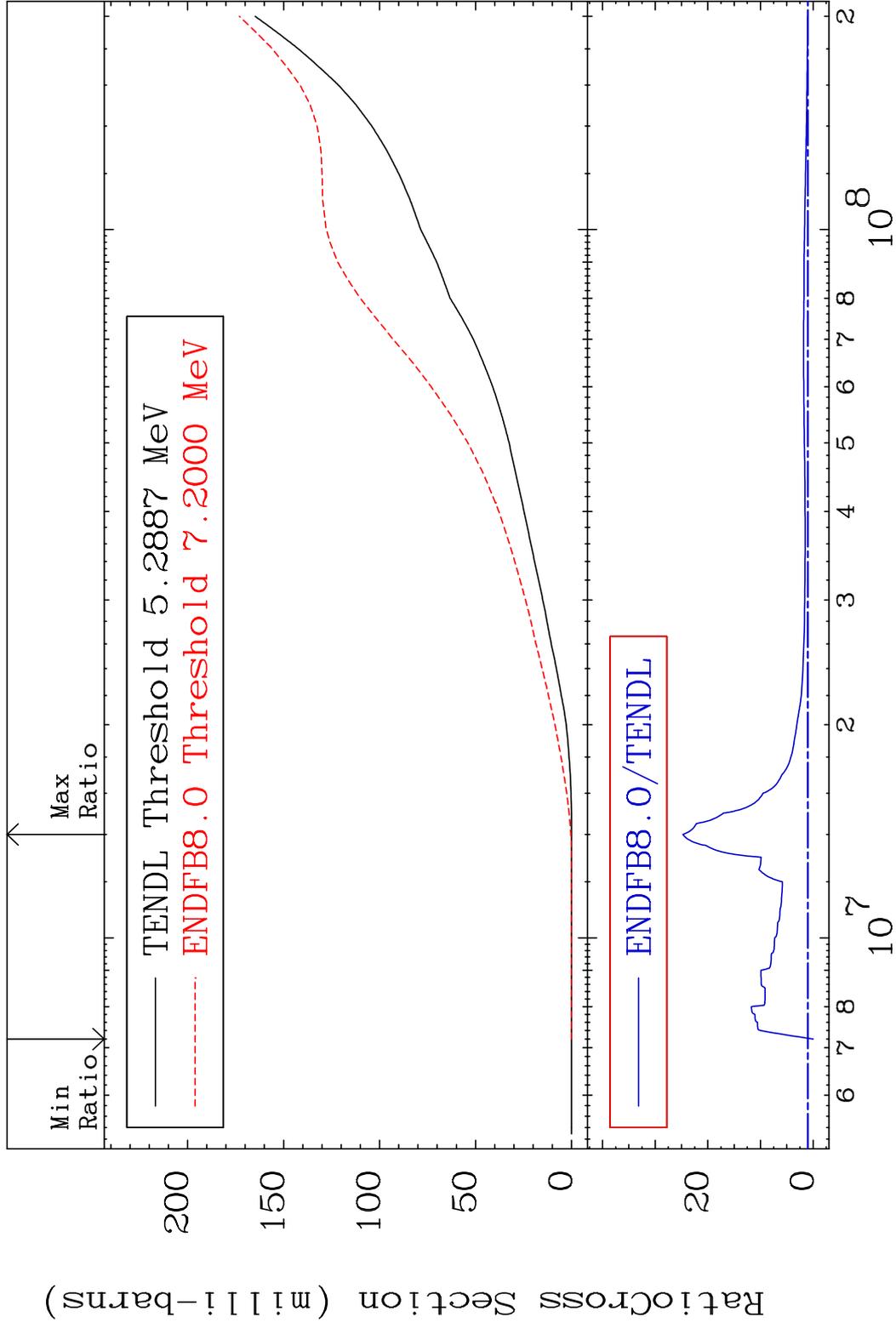
Incident Energy (eV)

82-Pb-207

MAT 8234

Deuterium Production 82-Pb-207

Cross Section -100.0 To 2375. %



35

Incident Energy (eV)

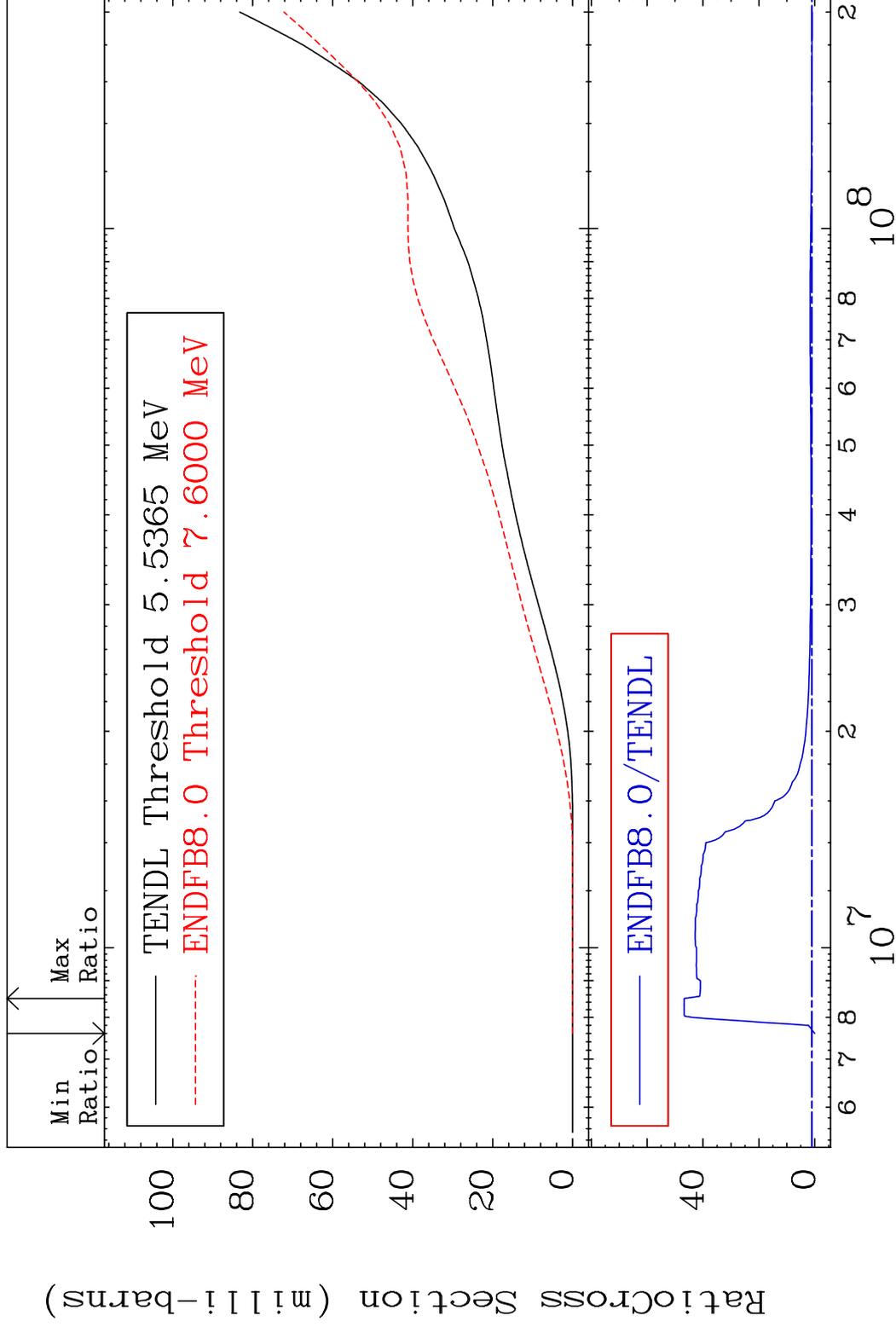
82-Pb-207

MAT 8234

Tritium Production

82-Pb-207

Cross Section -100.0 To 4577. %



36

Incident Energy (eV)

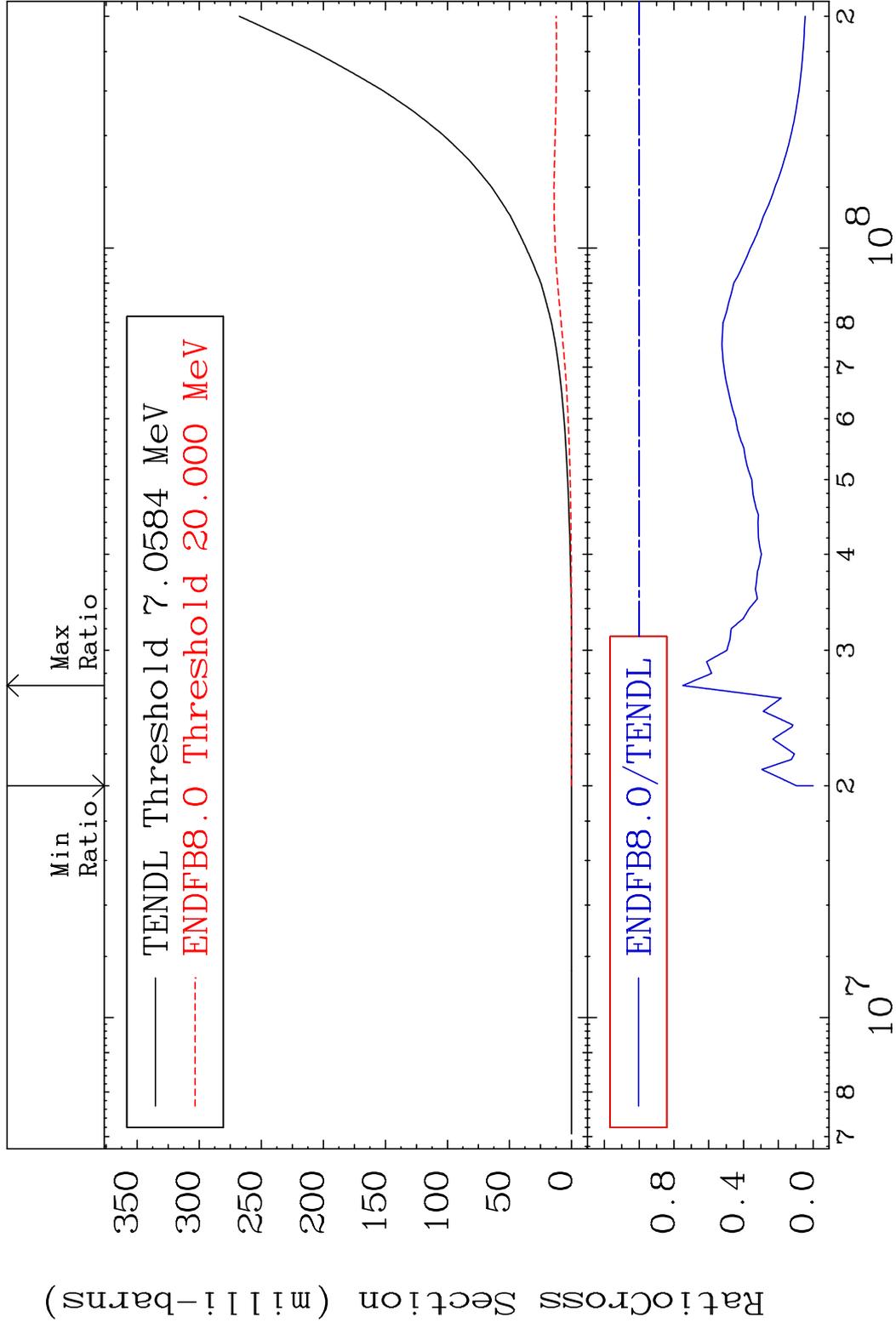
82-Pb-207

MAT 8234

He-3 Production

82-Pb-207

Cross Section -100.0 To -25.09%



37

Incident Energy (eV)

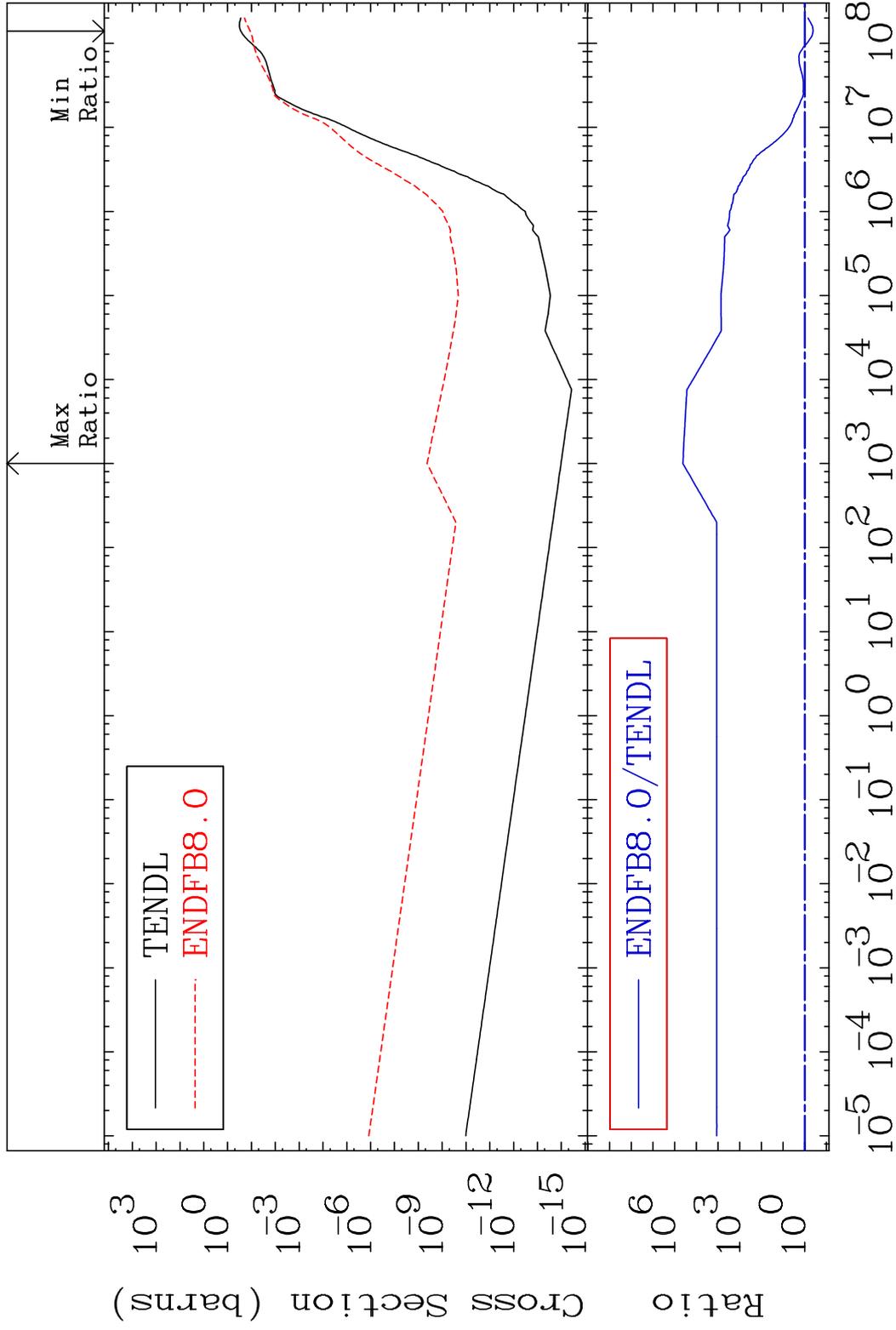
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -59.33 To 9999. %

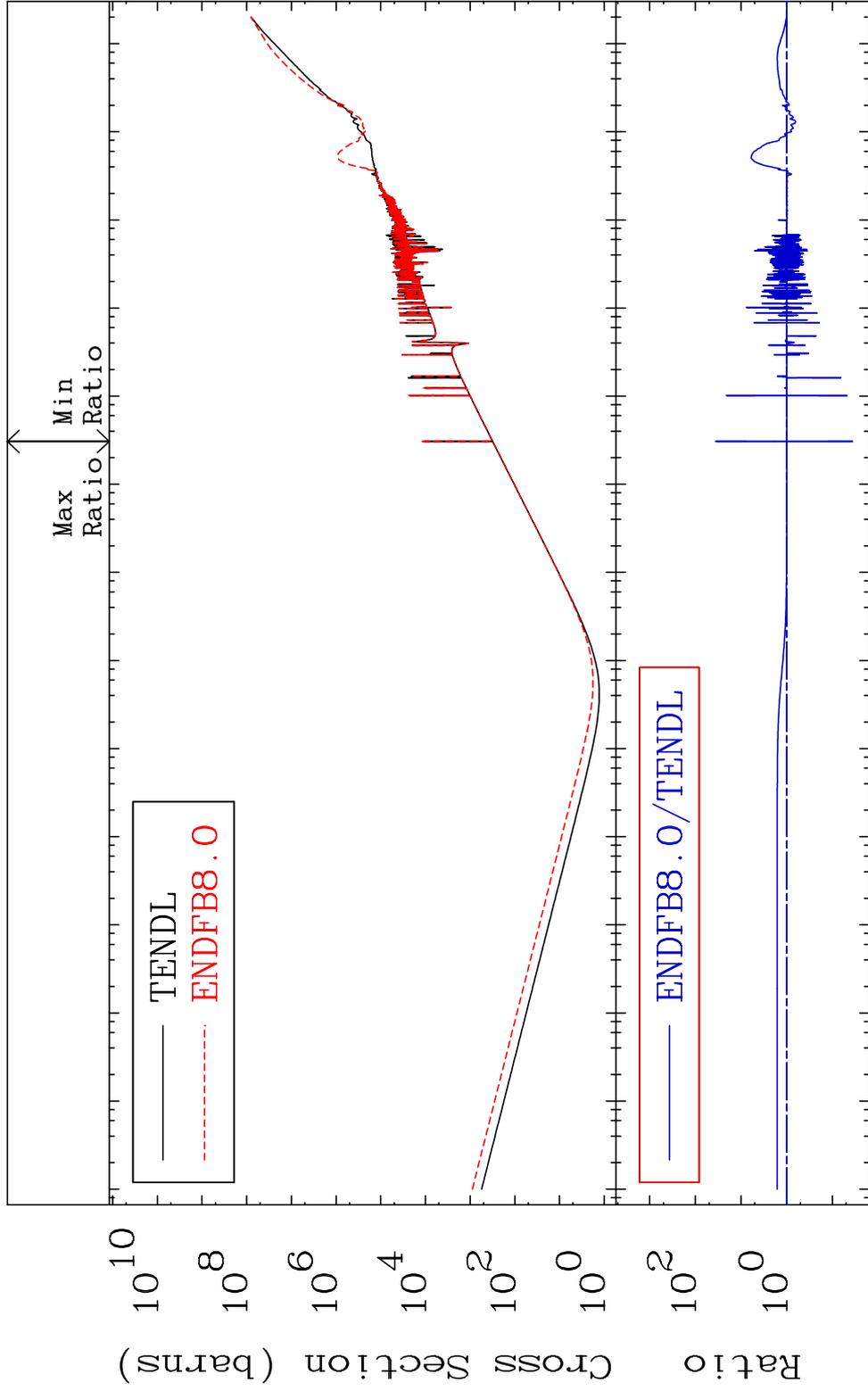


38

Incident Energy (eV)

82-Pb-207

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

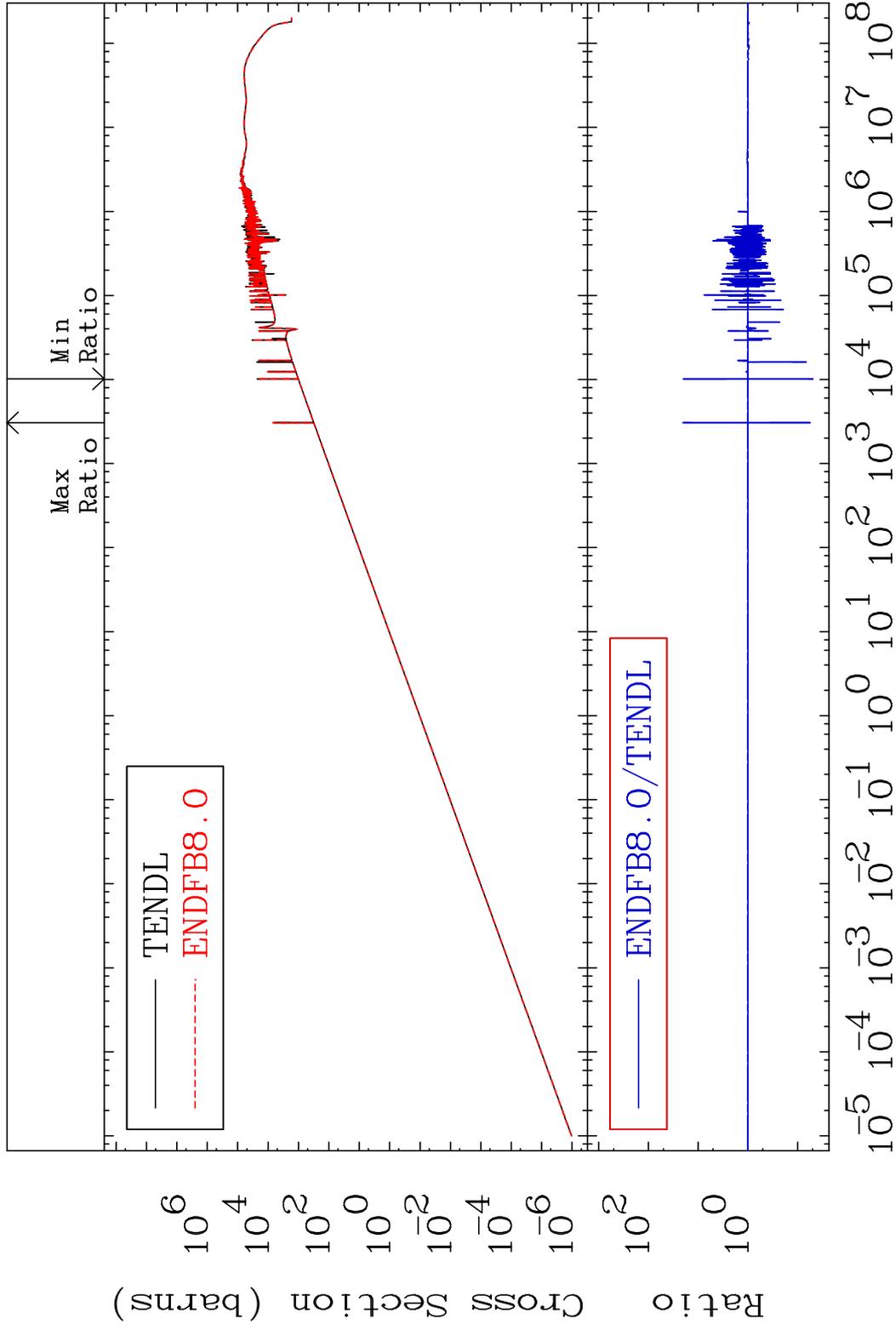


39 Incident Energy (eV) 82-Pb-207

MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1929. %

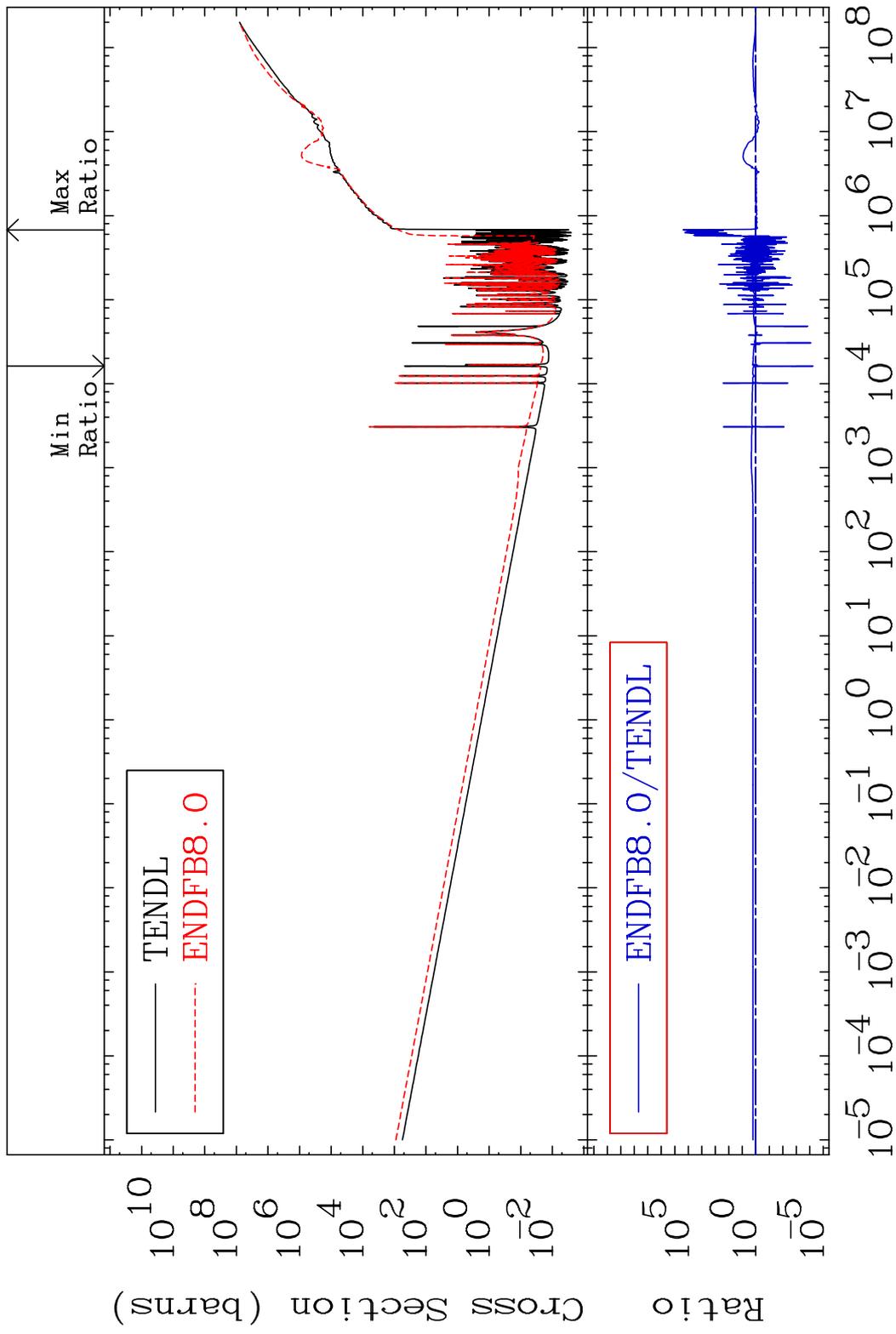


40

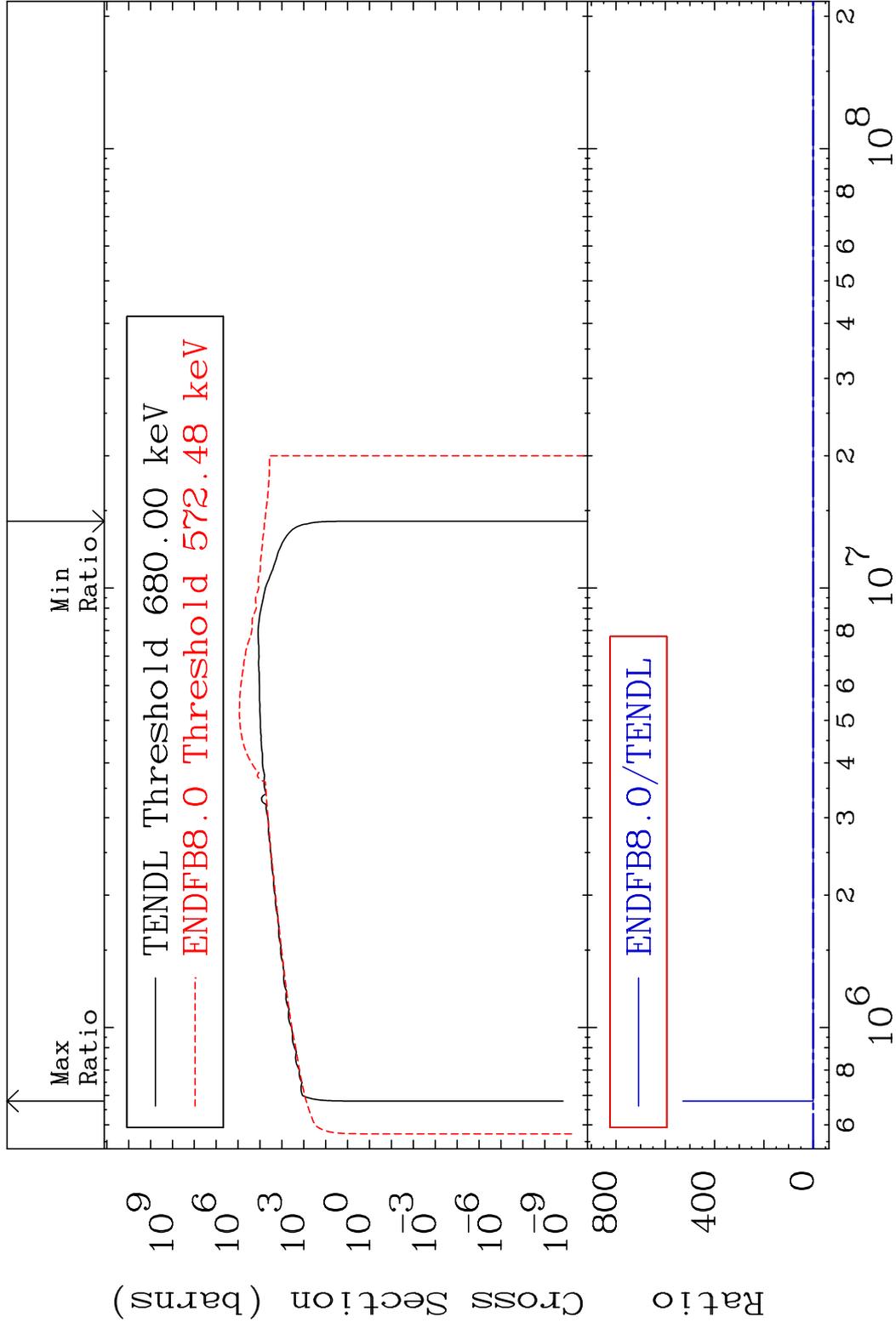
Incident Energy (eV)

82-Pb-207

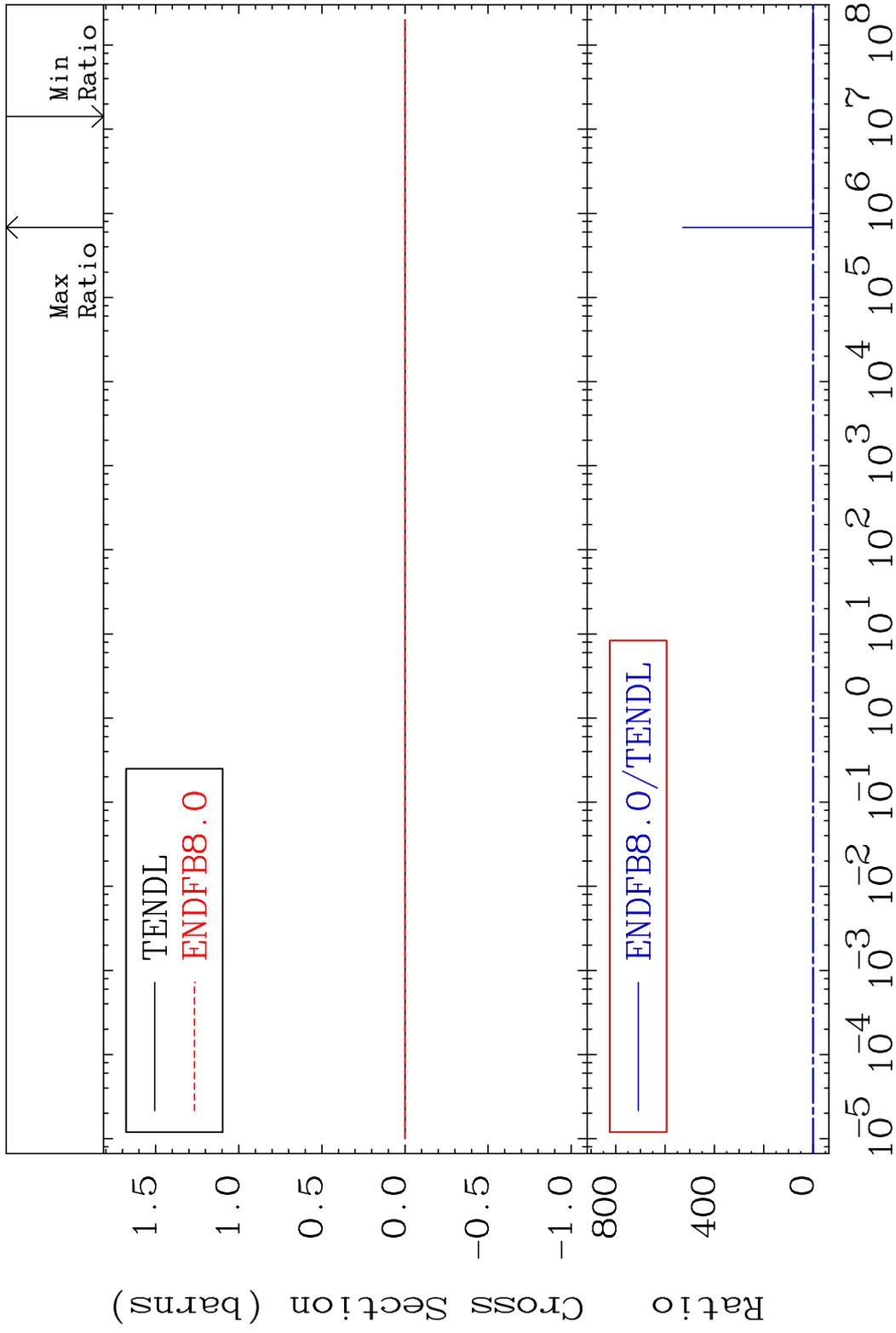
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.99 To 9999. %



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. %

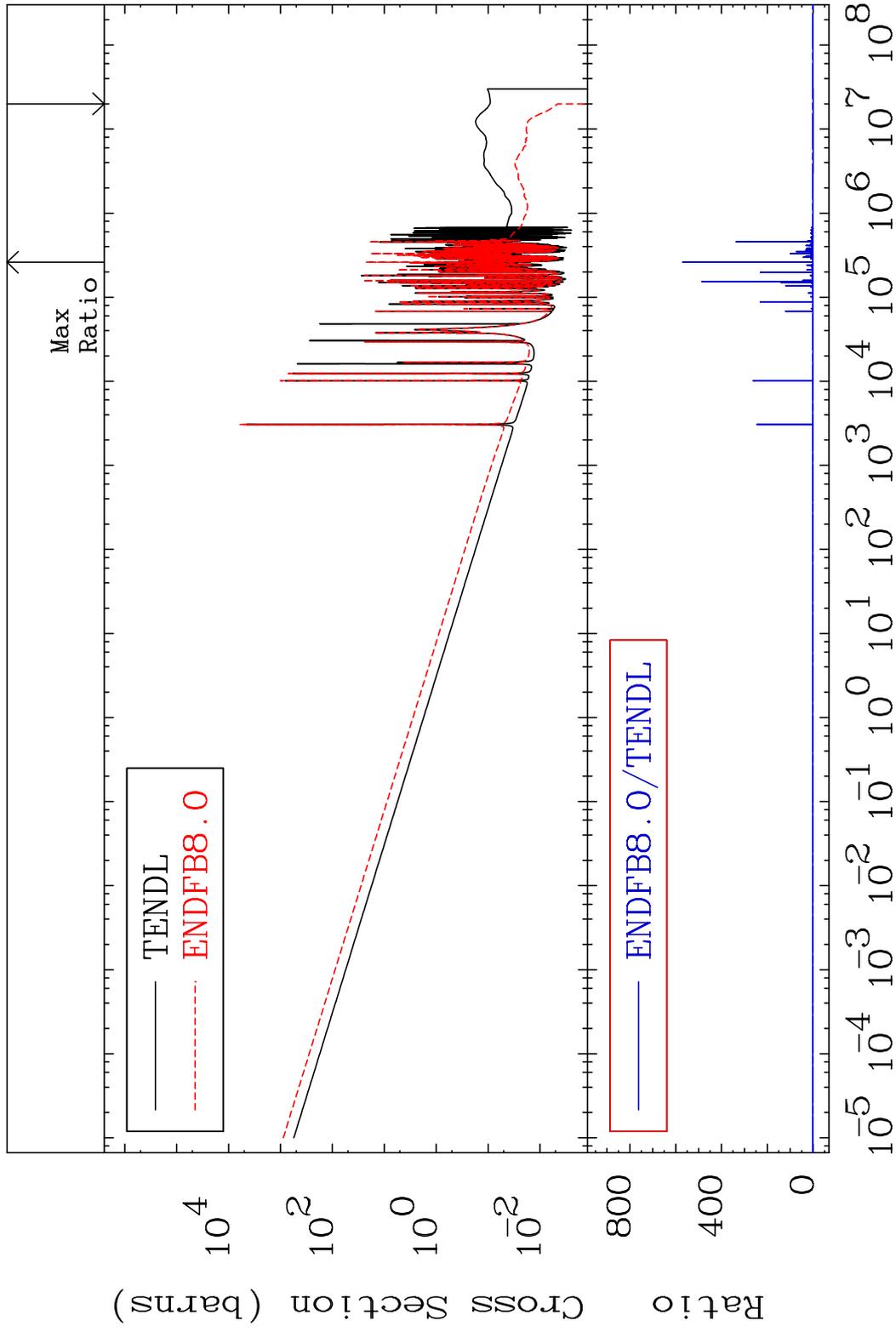


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %

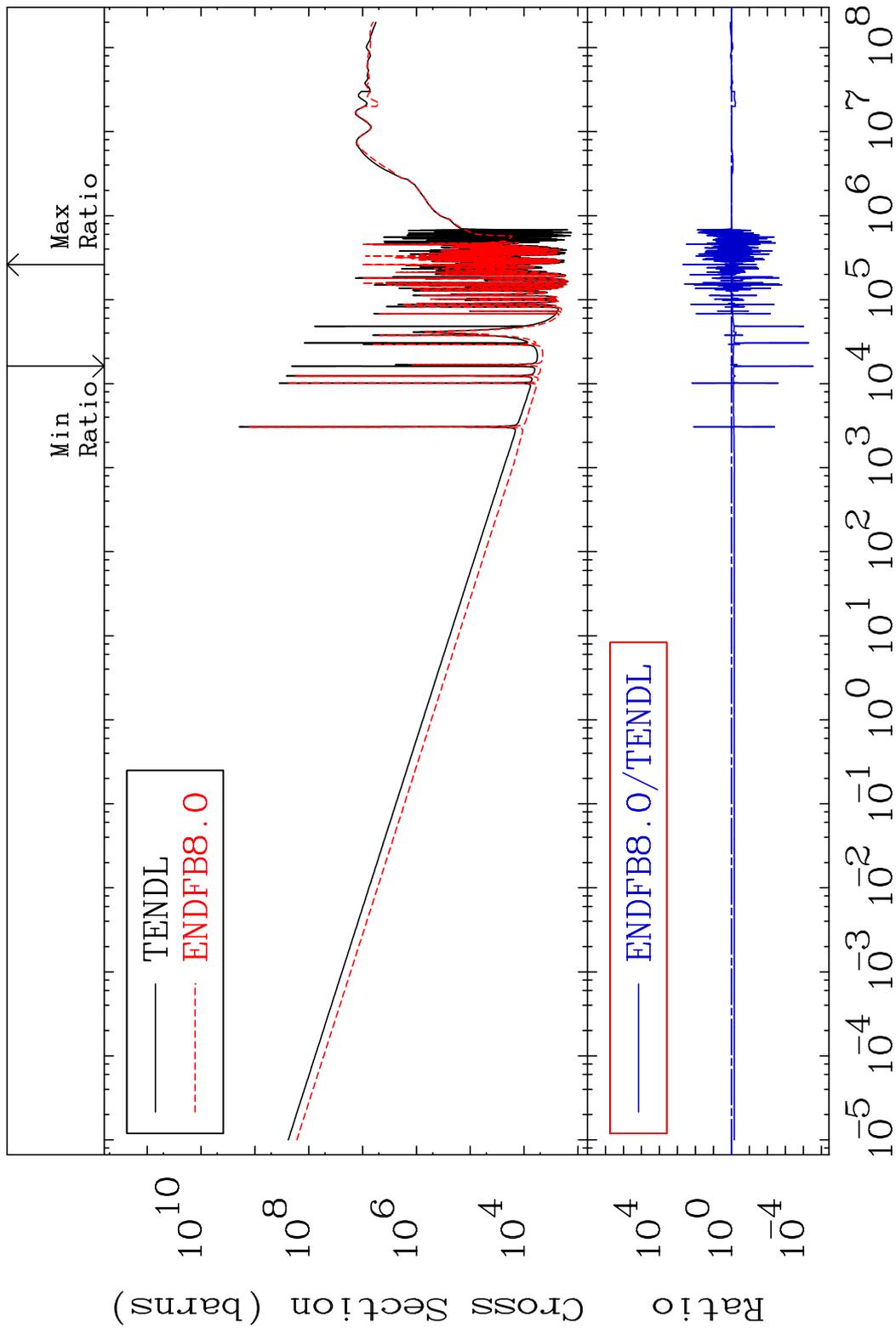


44

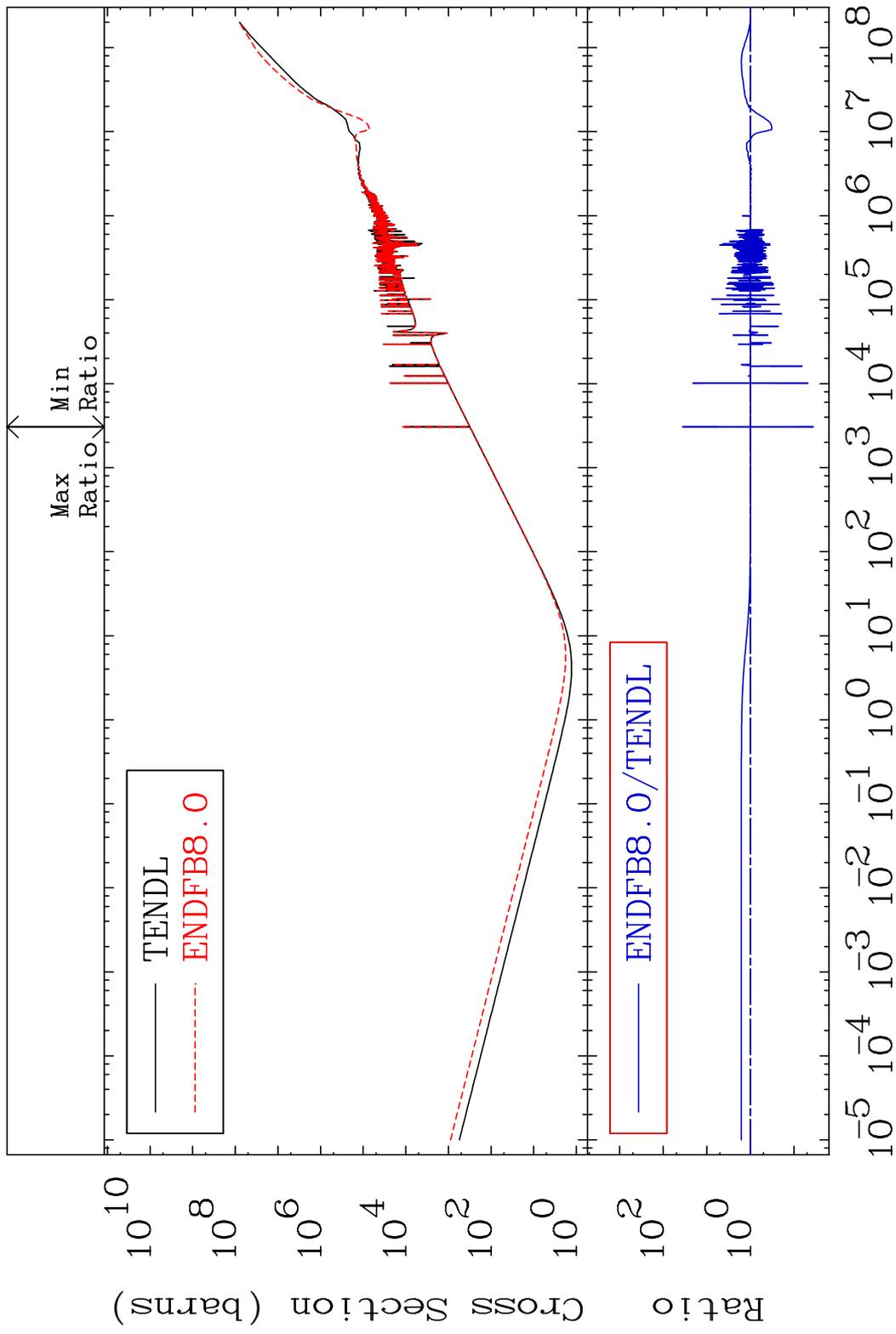
Incident Energy (eV)

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. %

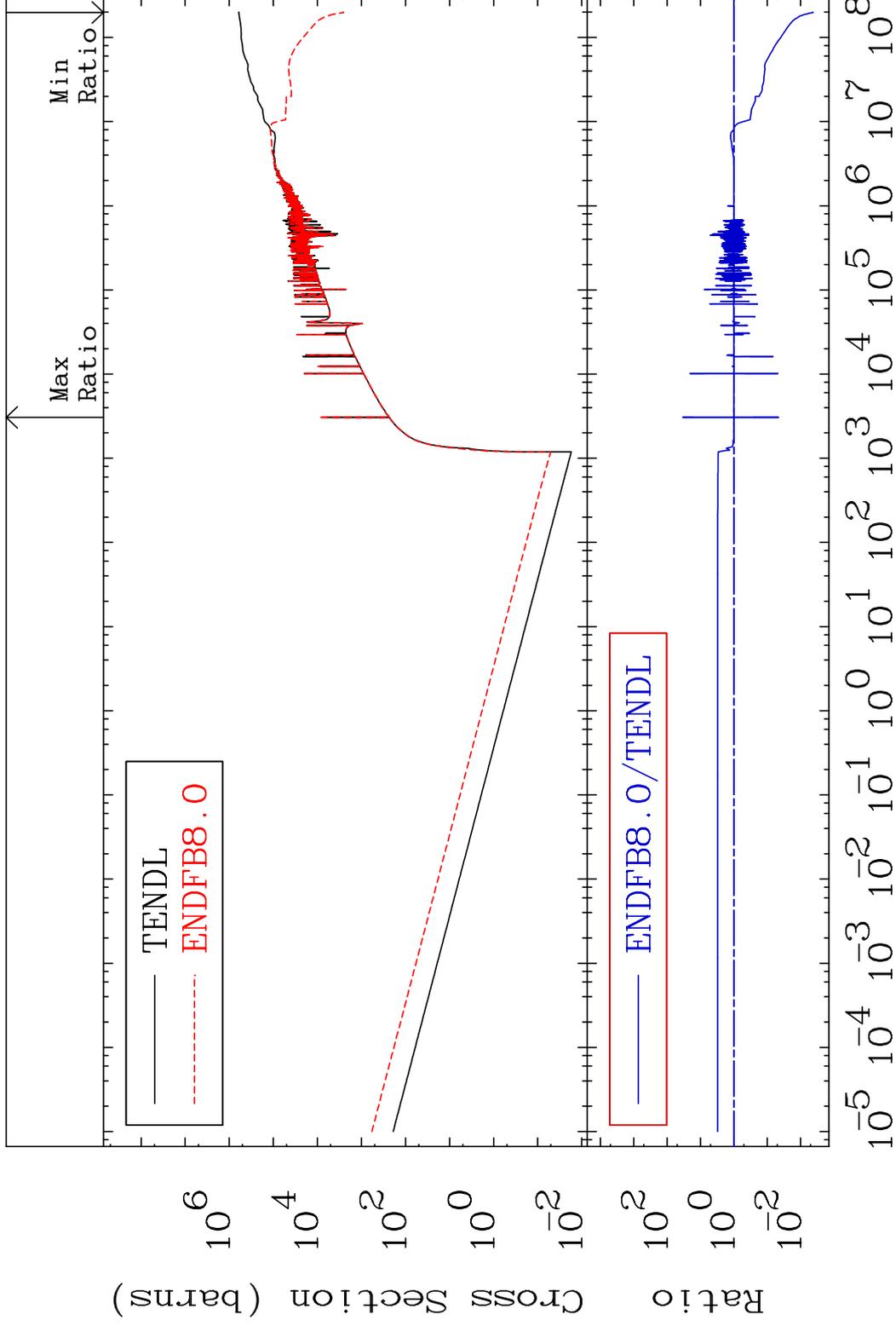


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.58 To 3323. %



47

Incident Energy (eV)

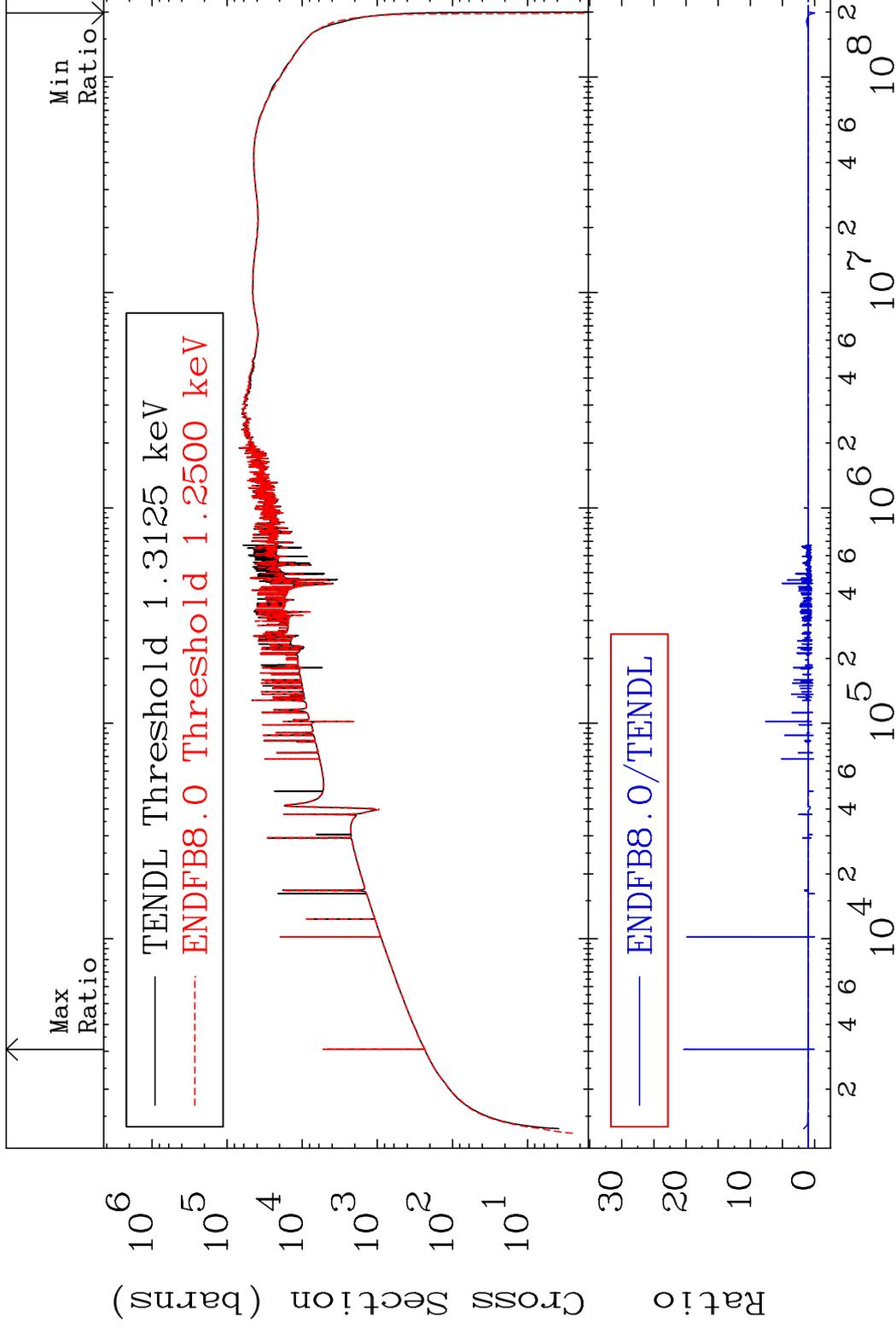
82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -100.0 To 1933. %

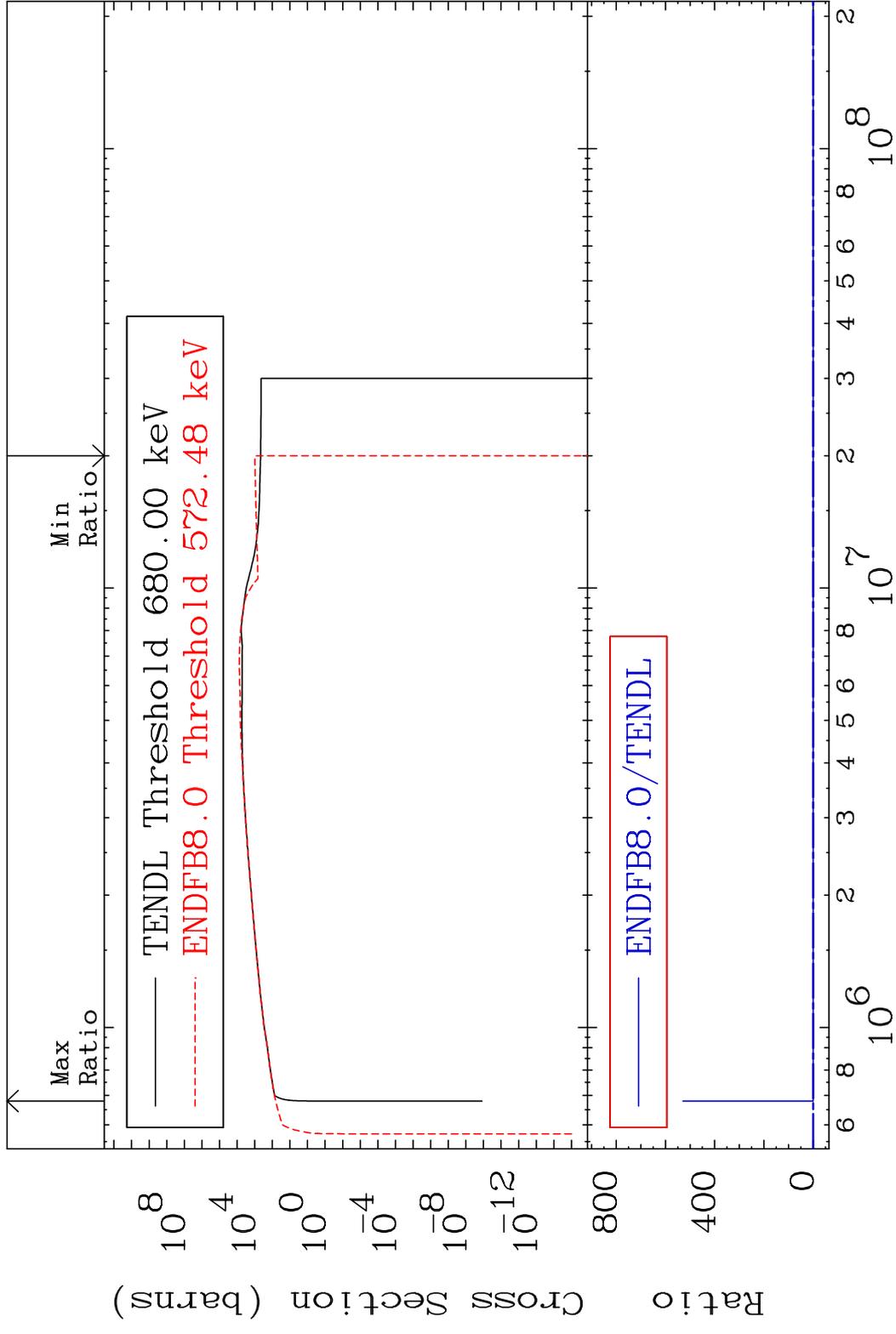


48

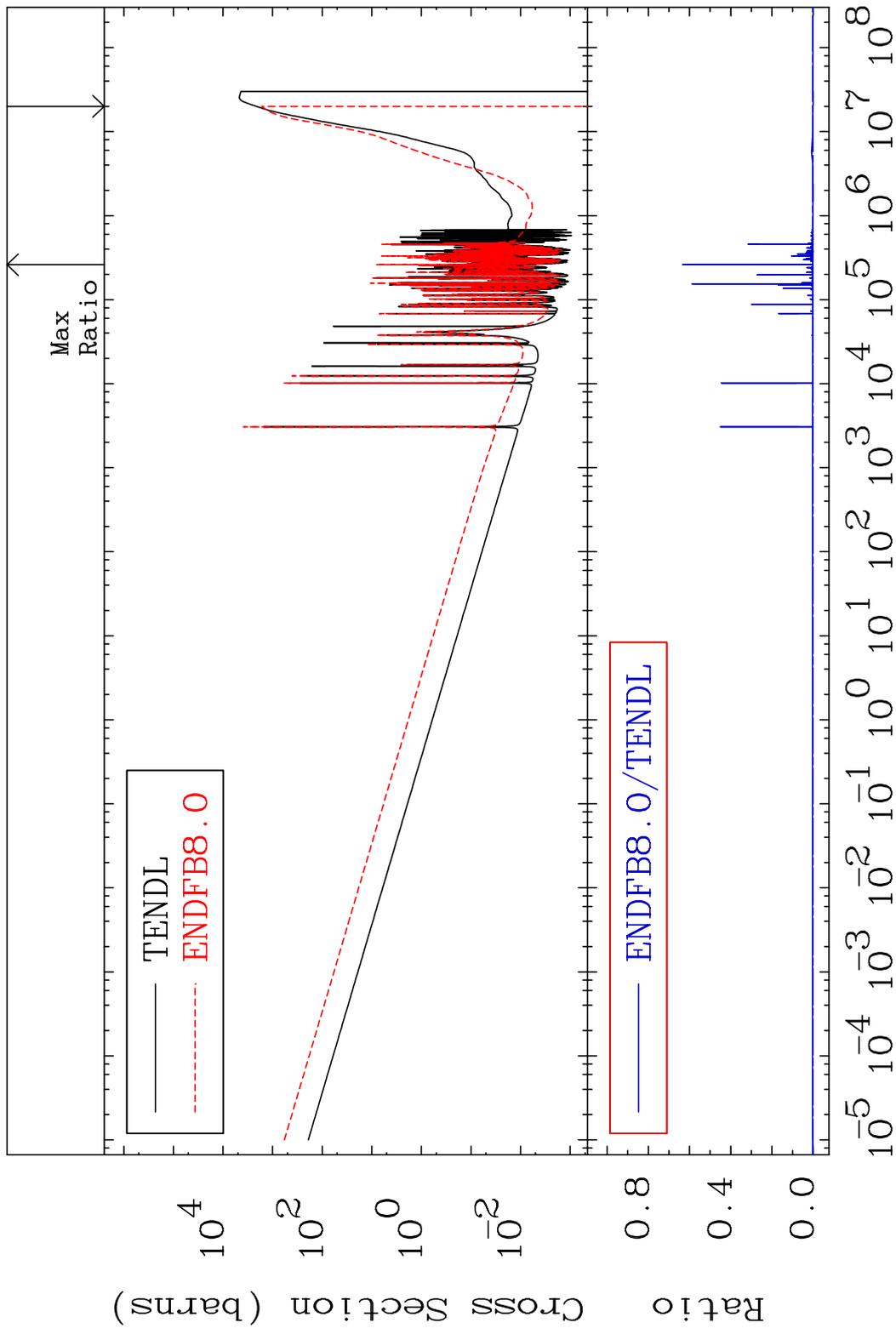
Incident Energy (eV)

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. %



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

