

Program Complot
(Version 2021-1)

by

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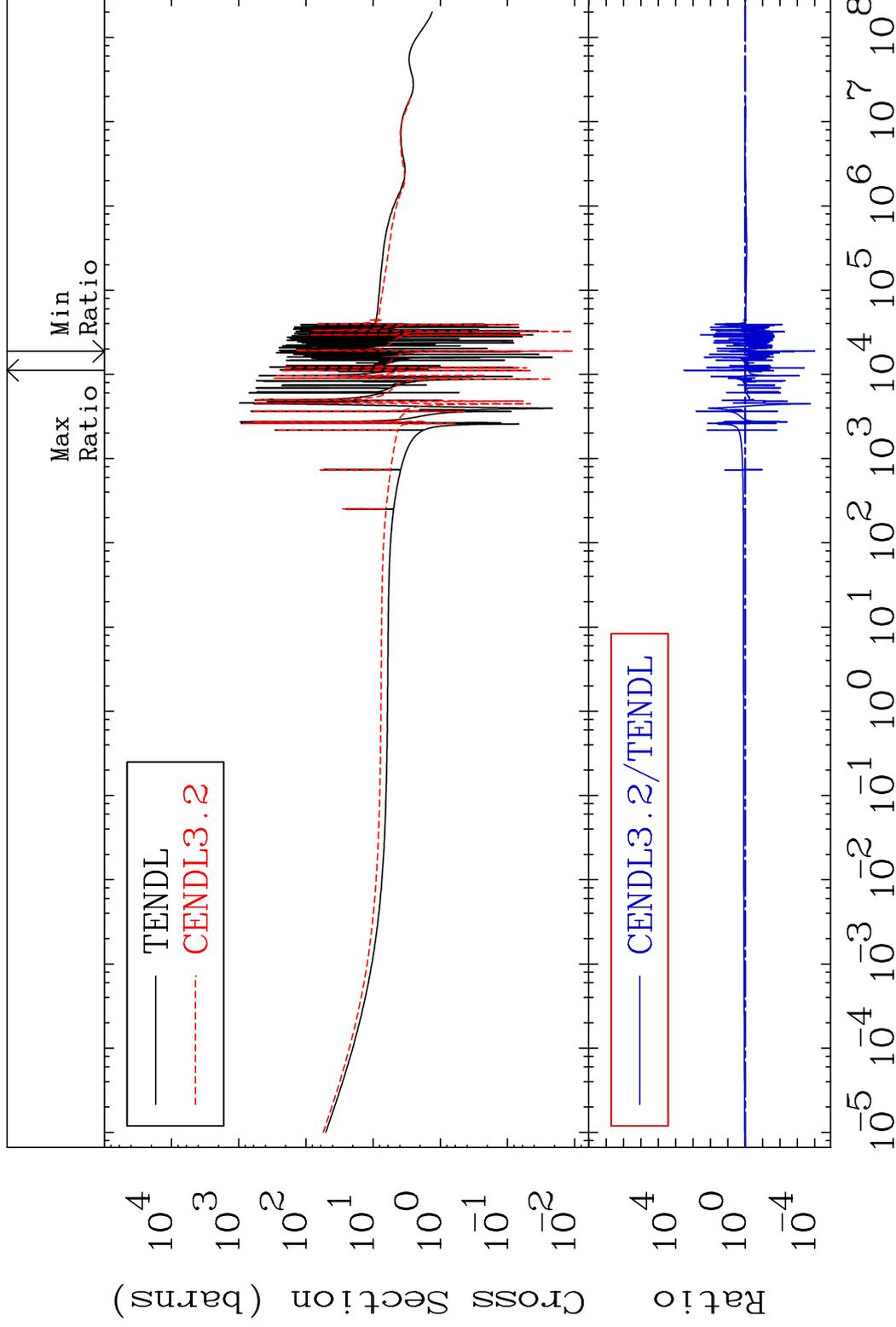
Press Mouse Button to Start

MAT 3231

Total

32-Ge-72

Cross Section -99.99 To 9999. %



1

Incident Energy (eV)

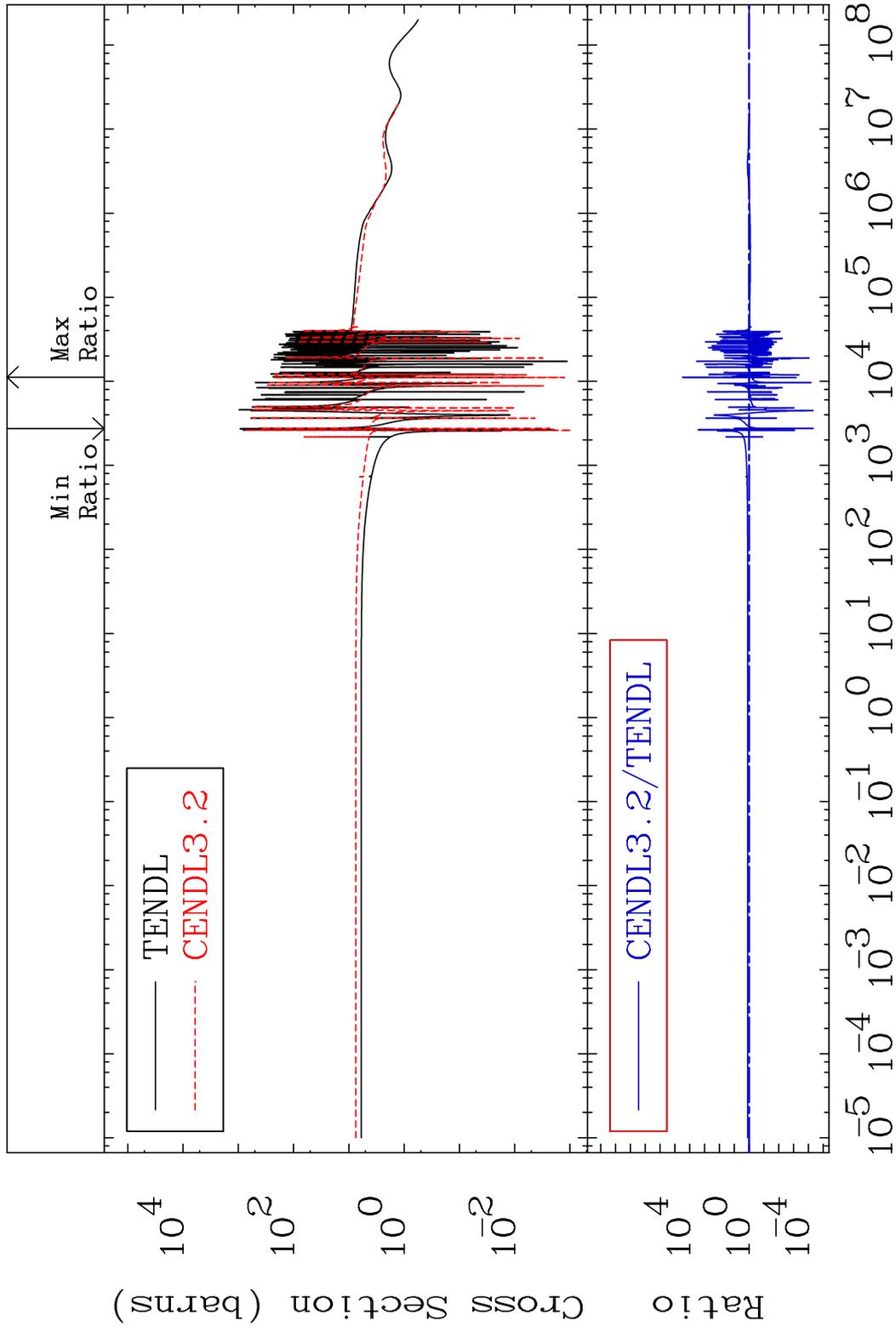
32-Ge-72

MAT 3231

Elastic

32-Ge-72

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

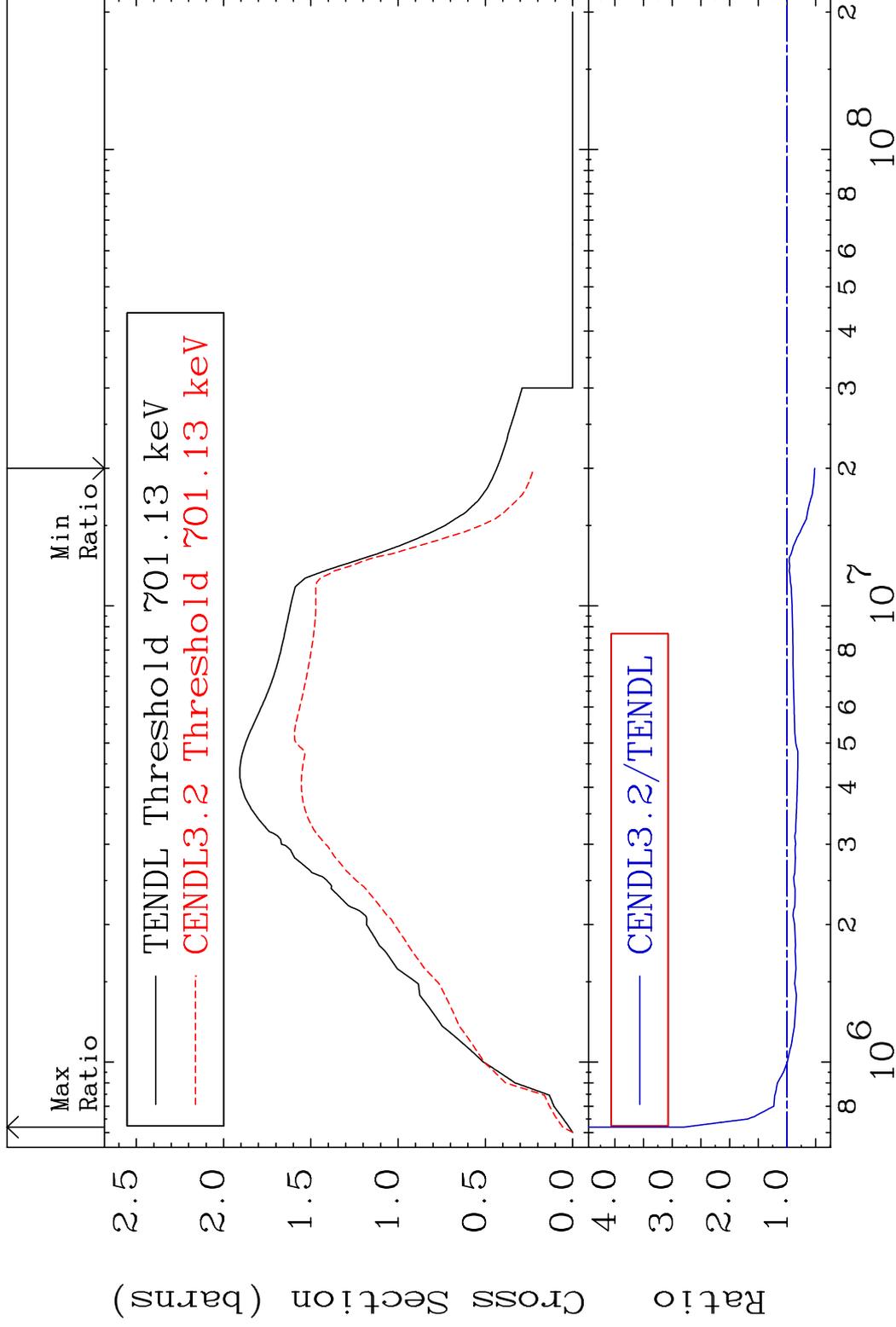
32-Ge-72

MAT 3231

Inelastic

³²Ge-72

Cross Section -48.31 To 179.2 %



3

Incident Energy (eV)

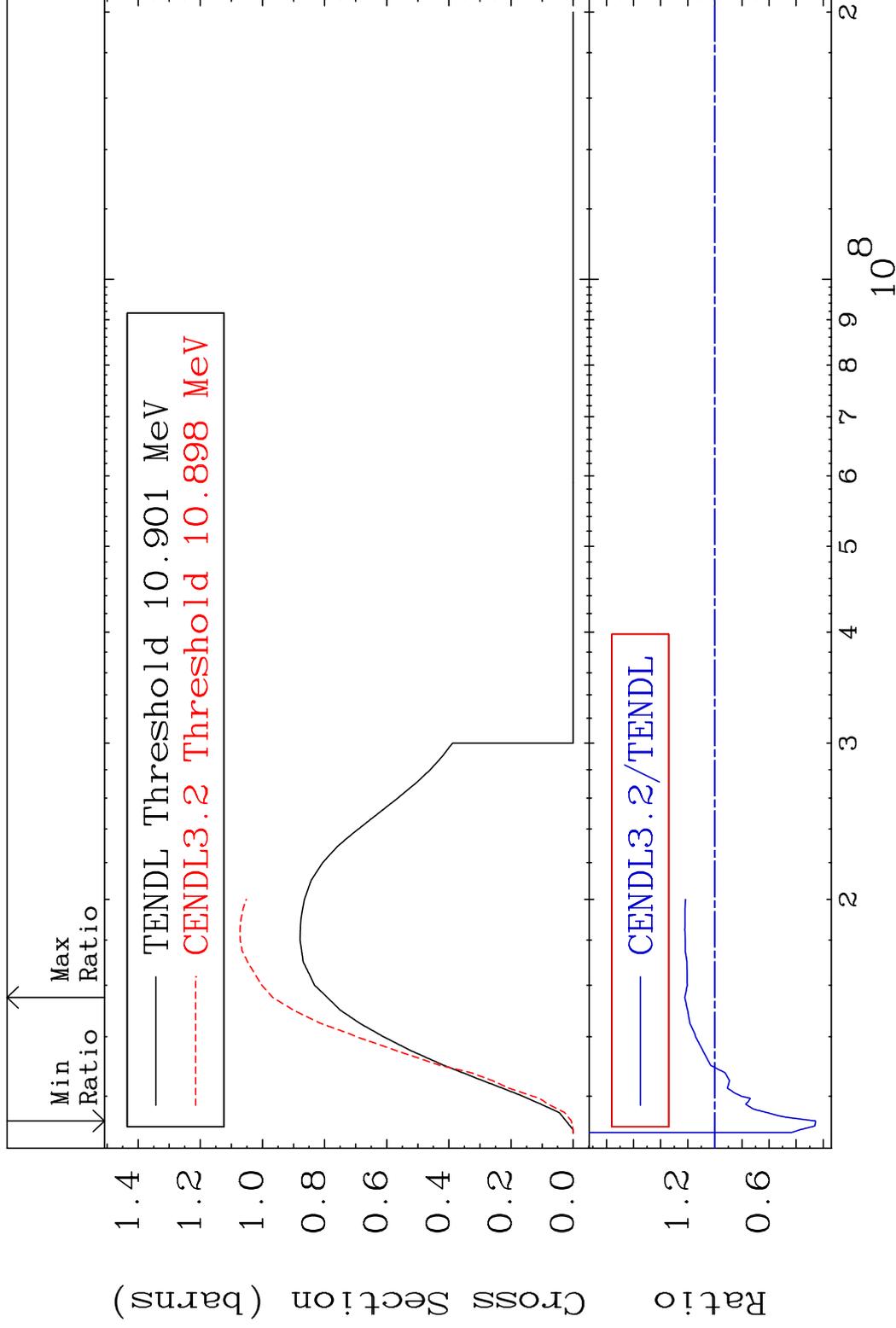
³²Ge-72

MAT 3231

(n,2n)

32-Ge-72

Cross Section -74.25 To 22.19 %



4

Incident Energy (eV)

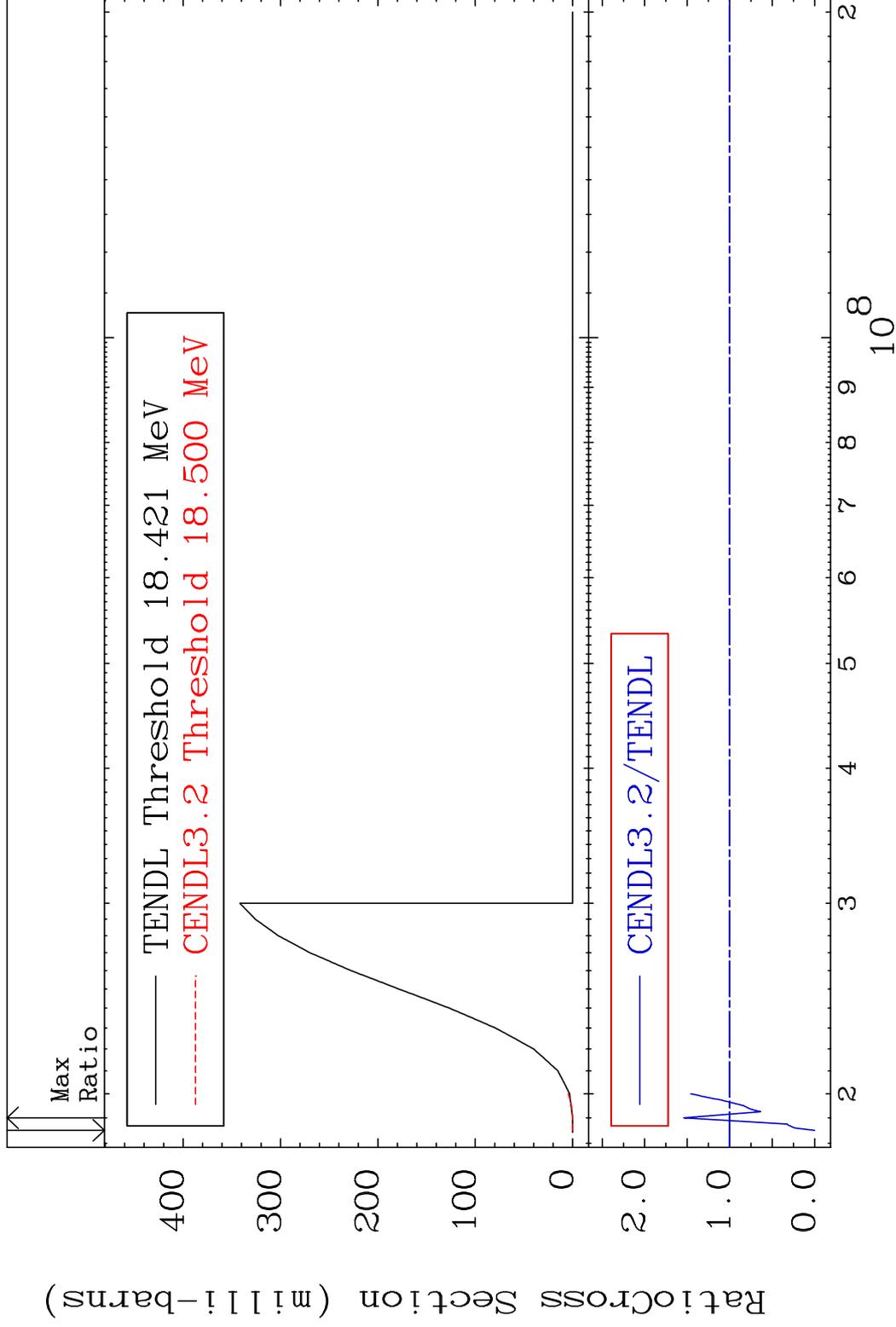
32-Ge-72

MAT 3231

(n,3n)

32-Ge-72

Cross Section -100.0 To 53.62 %



5

Incident Energy (eV)

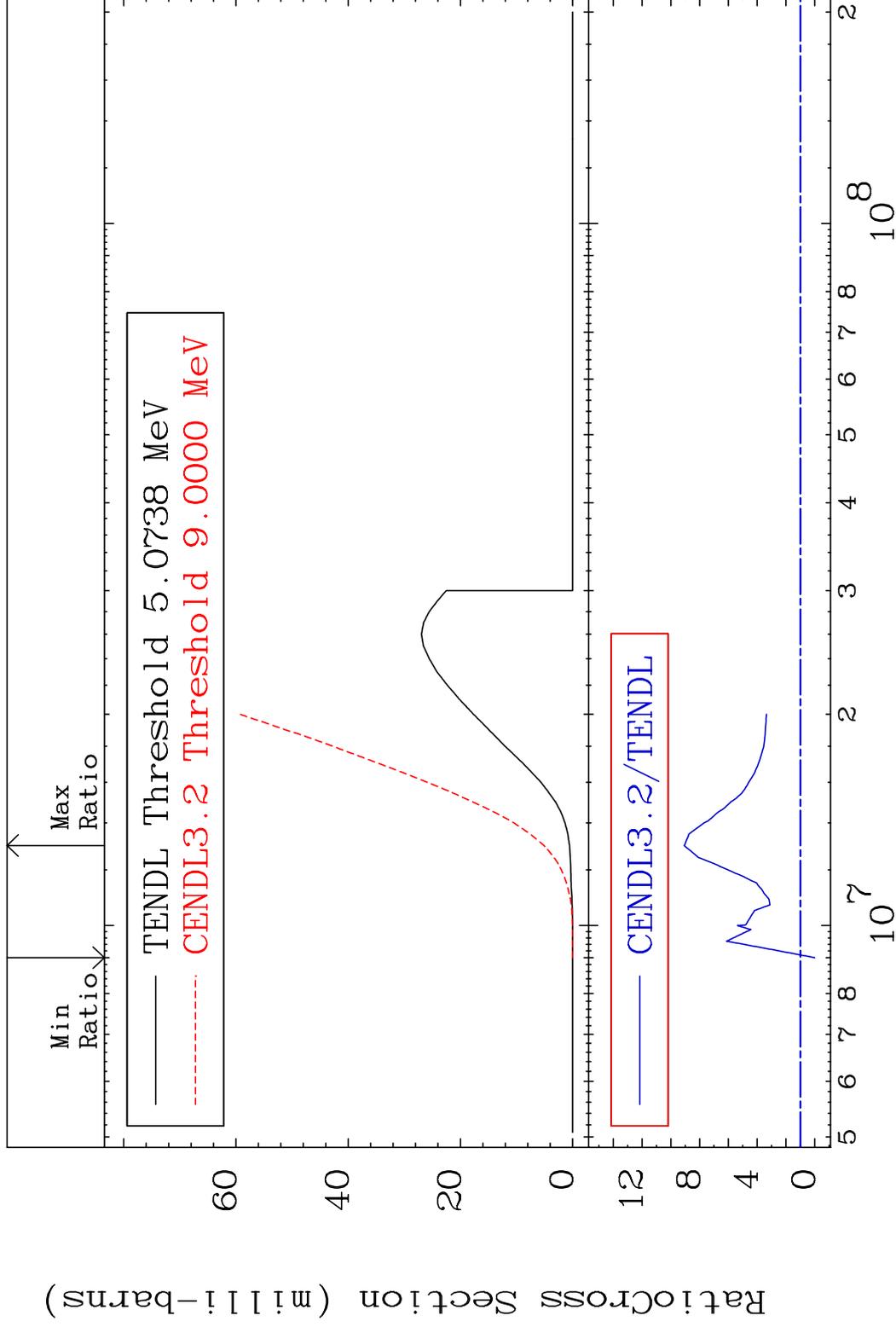
32-Ge-72

MAT 3231

(n, n') α

32-Ge-72

Cross Section -100.0 To 807.6 %



6

Incident Energy (eV)

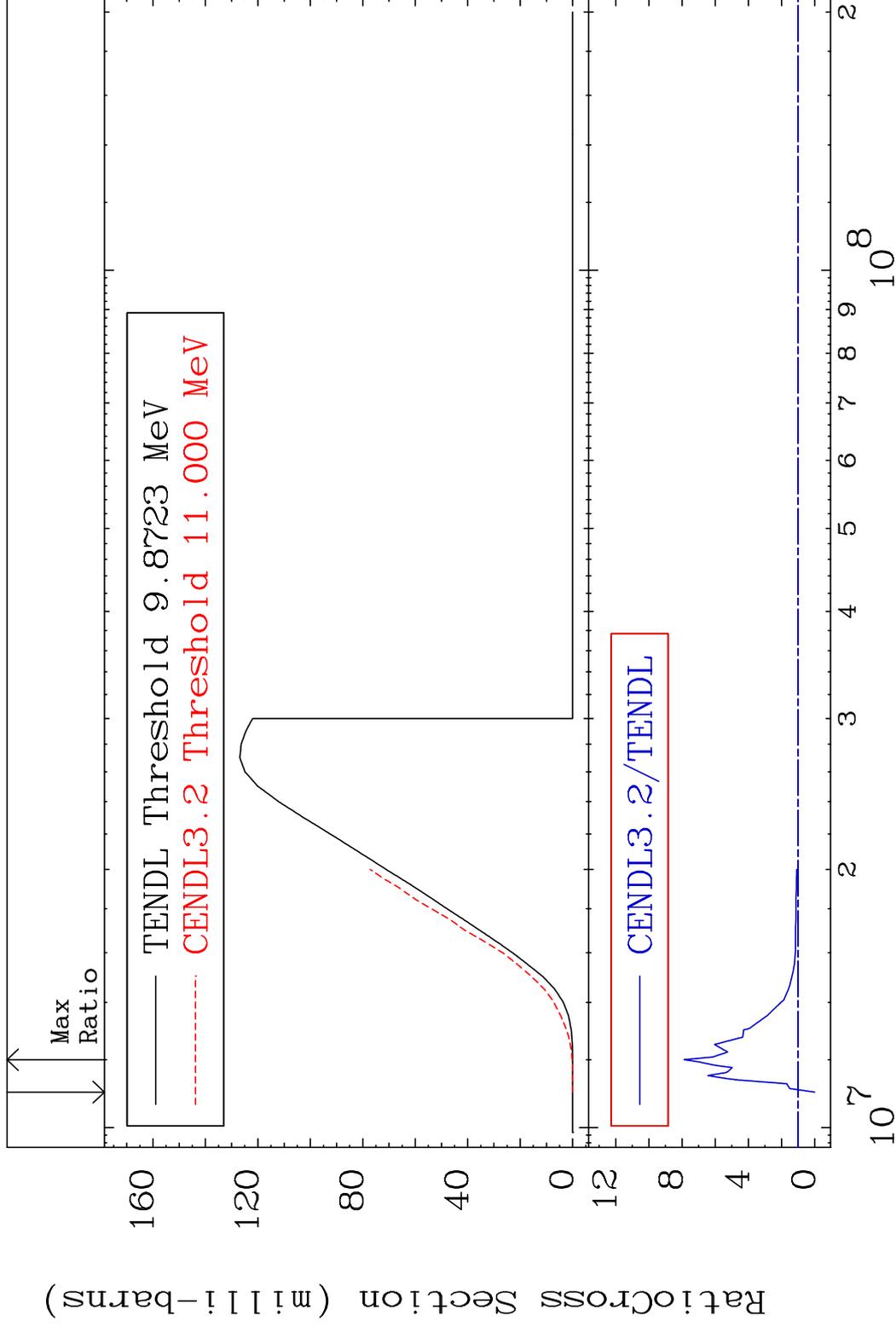
32-Ge-72

MAT 3231

(n, n') p

³²Ge-72

Cross Section -100.0 To 687.3 %

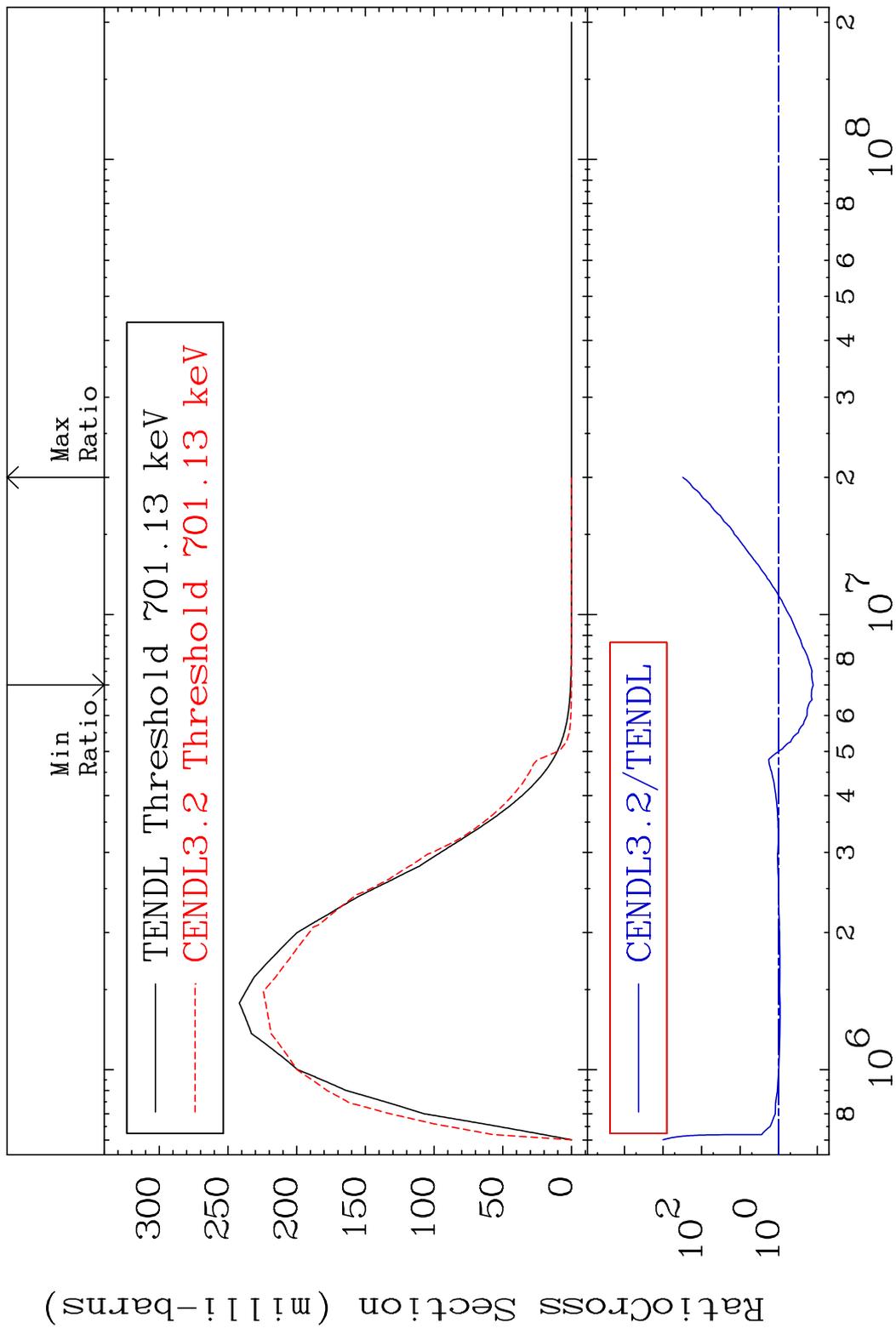


7

Incident Energy (eV)

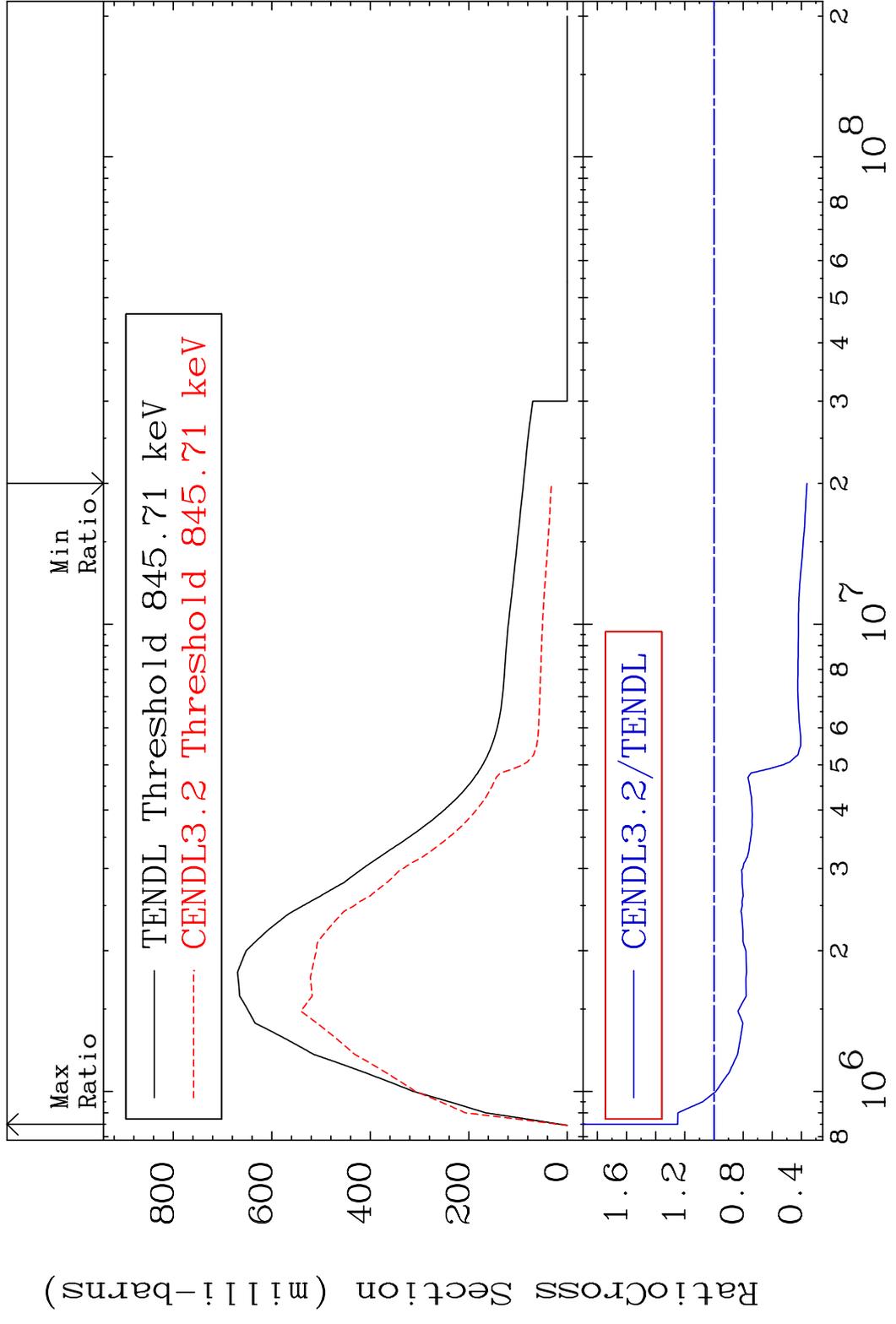
³²Ge-72

MAT 3231 MT= 51 (n, n') Level 32-Ge-72
 Cross Section -87.14 To 9999. %



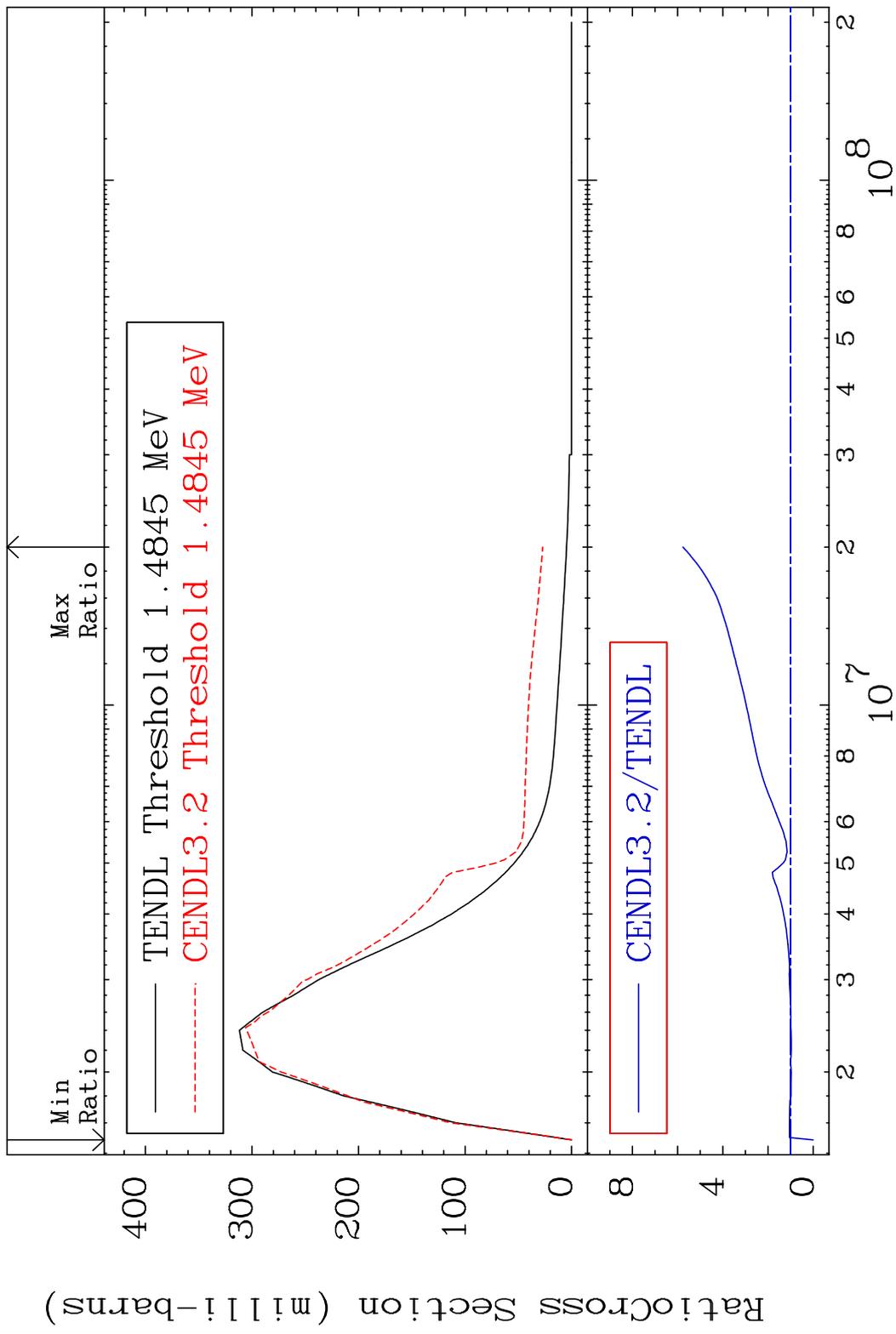
8 8 Incident Energy (eV) 32-Ge-72

MAT 3231 MT= 52 (n, n') Level 32-Ge-72
 Cross Section -63.88 To 24.90 %



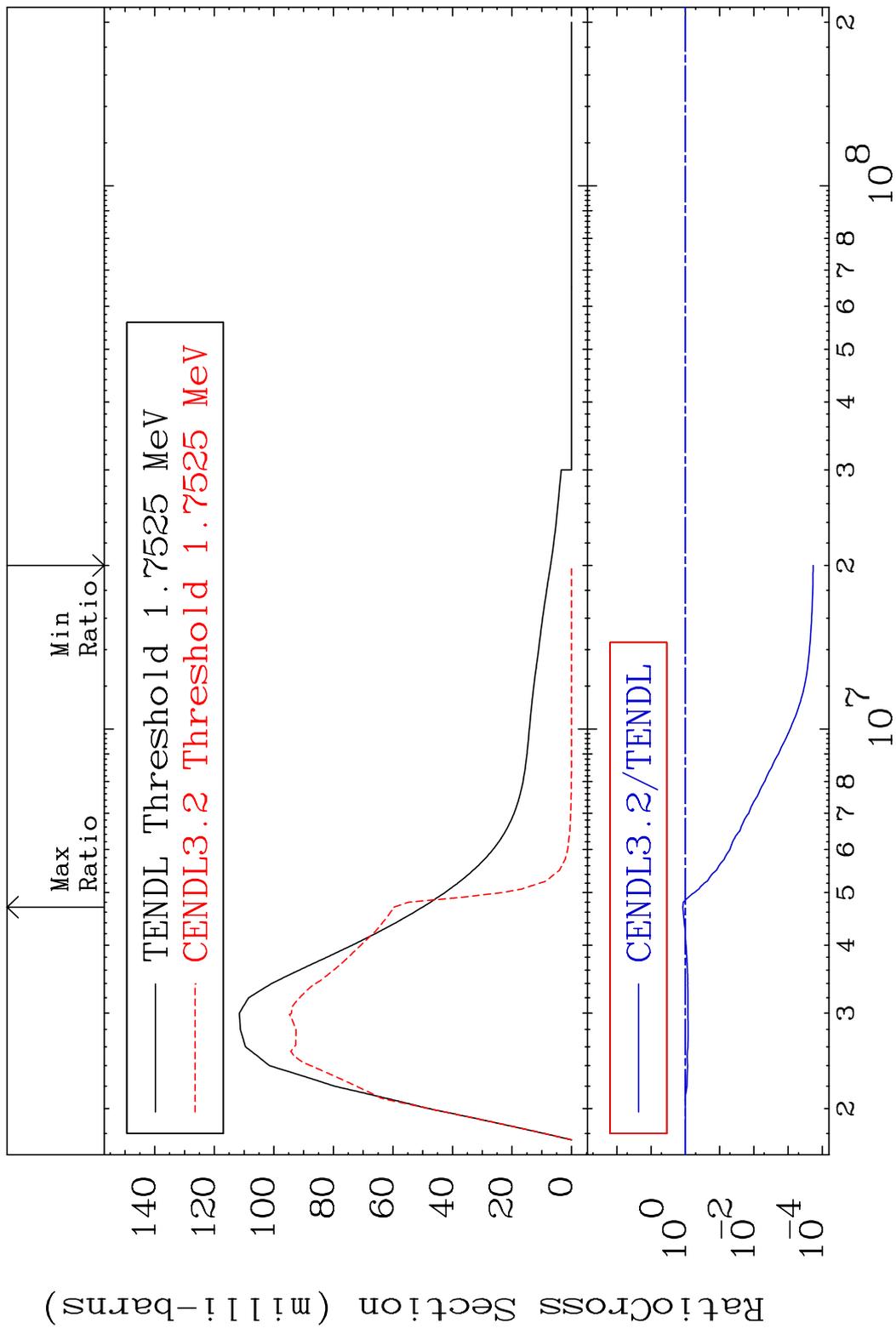
9 8 7 6 5 4 3 2 10⁶ 10⁷ 10⁸ 32-Ge-72

MAT 3231 MT= 53 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 477.0 %

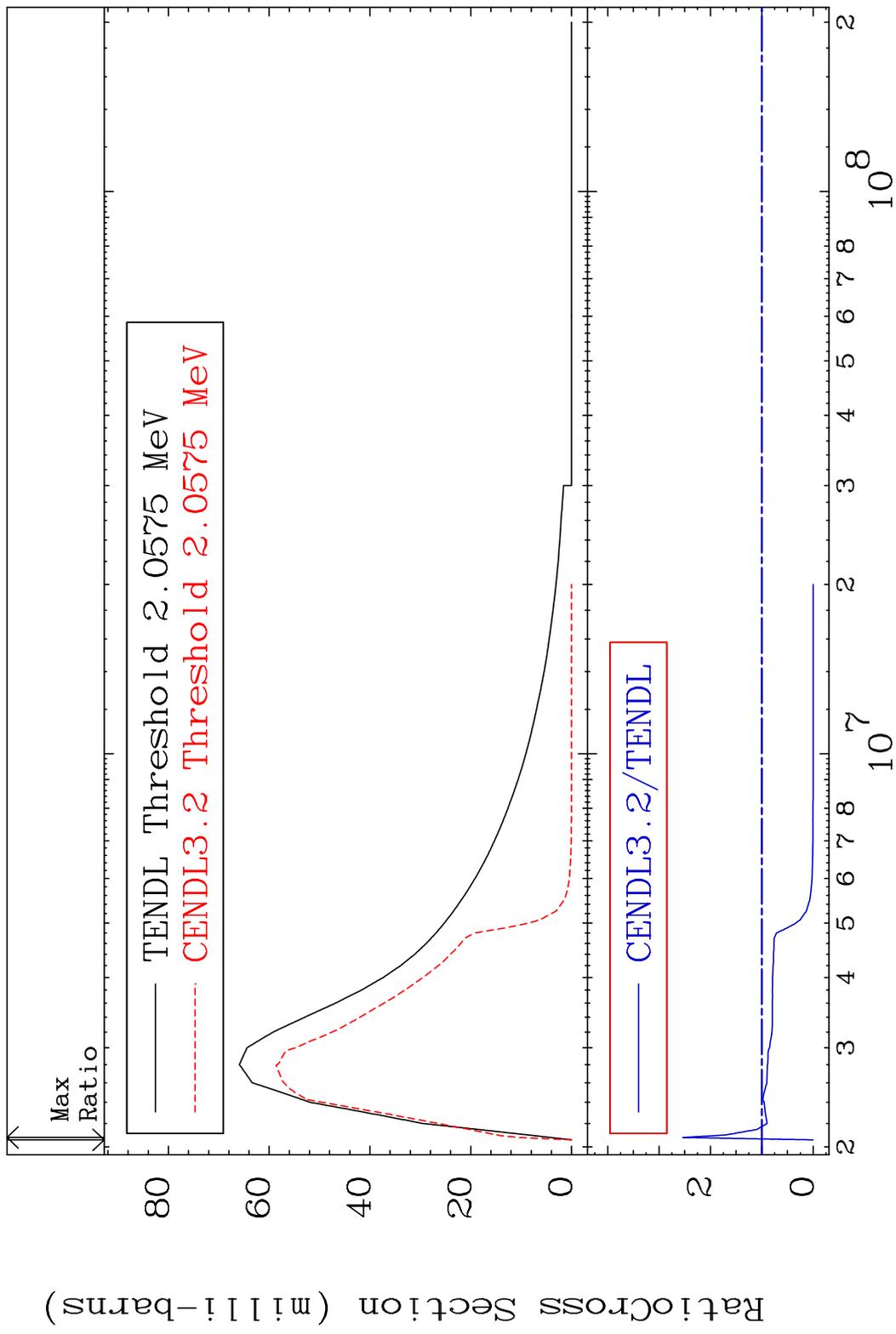


10 Incident Energy (eV) 32-Ge-72

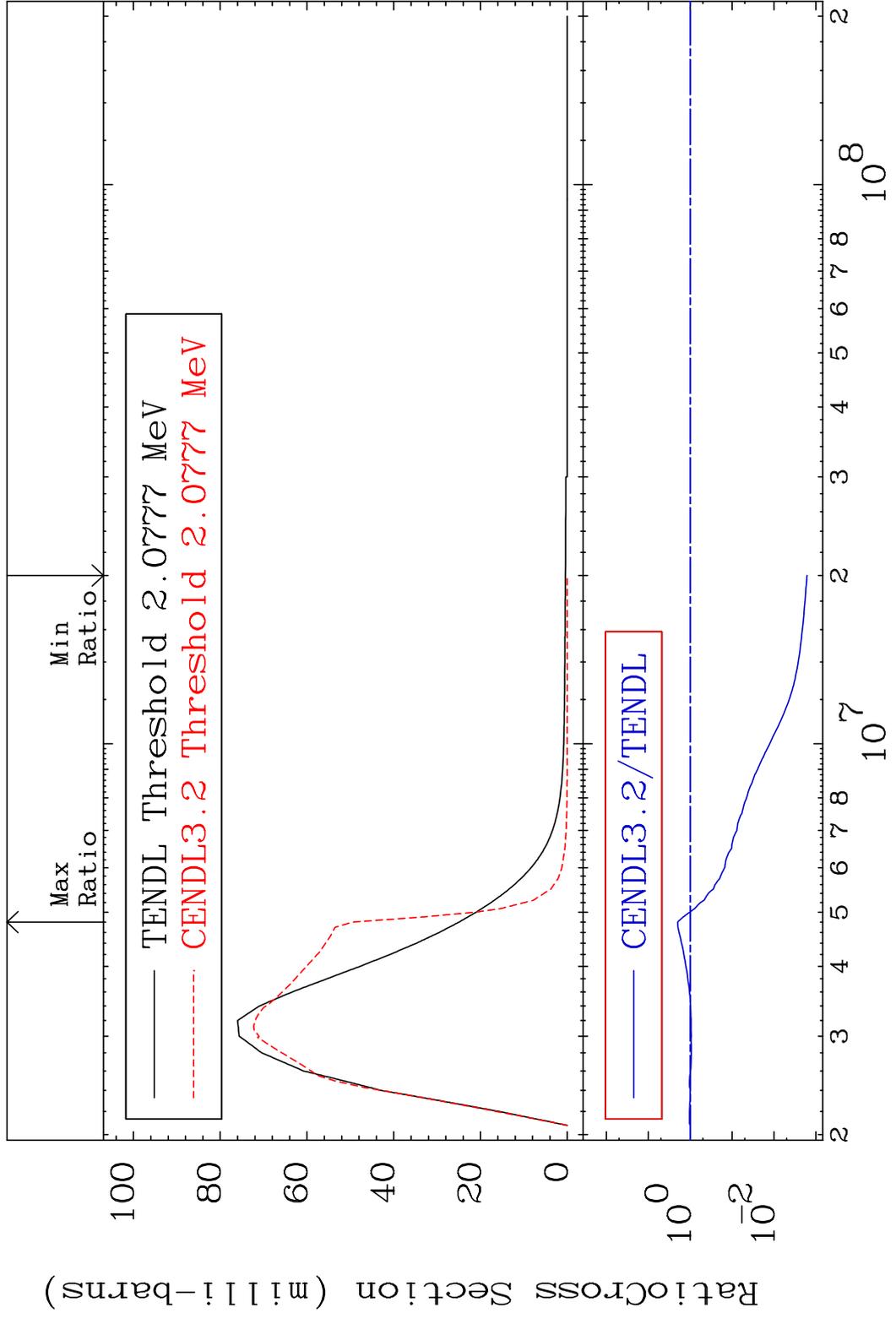
MAT 3231 MT= 54 (n, n') Level 32-Ge-72
 Cross Section -99.98 To 19.03 %



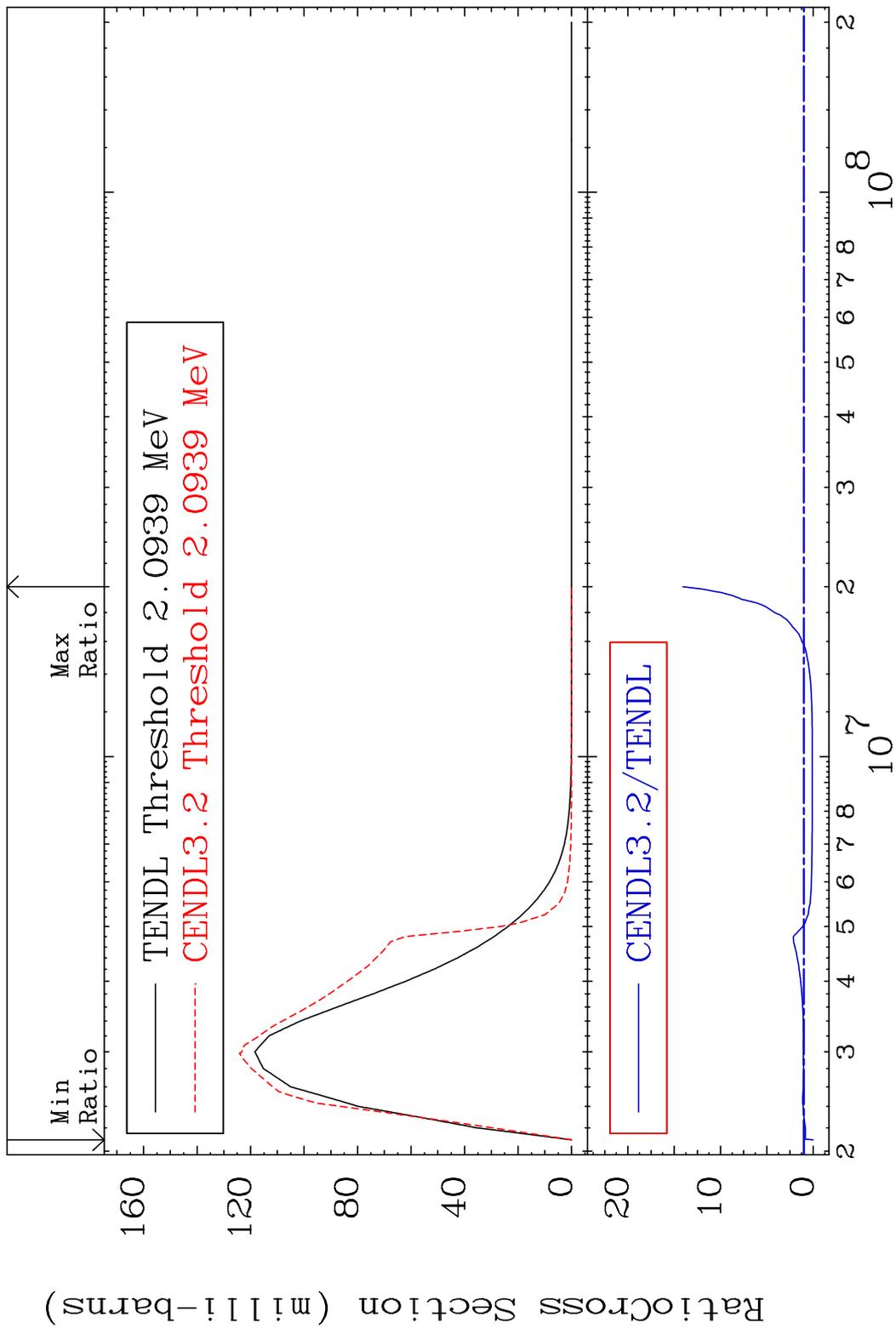
MAT 3231 MT= 55 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 153.7 %



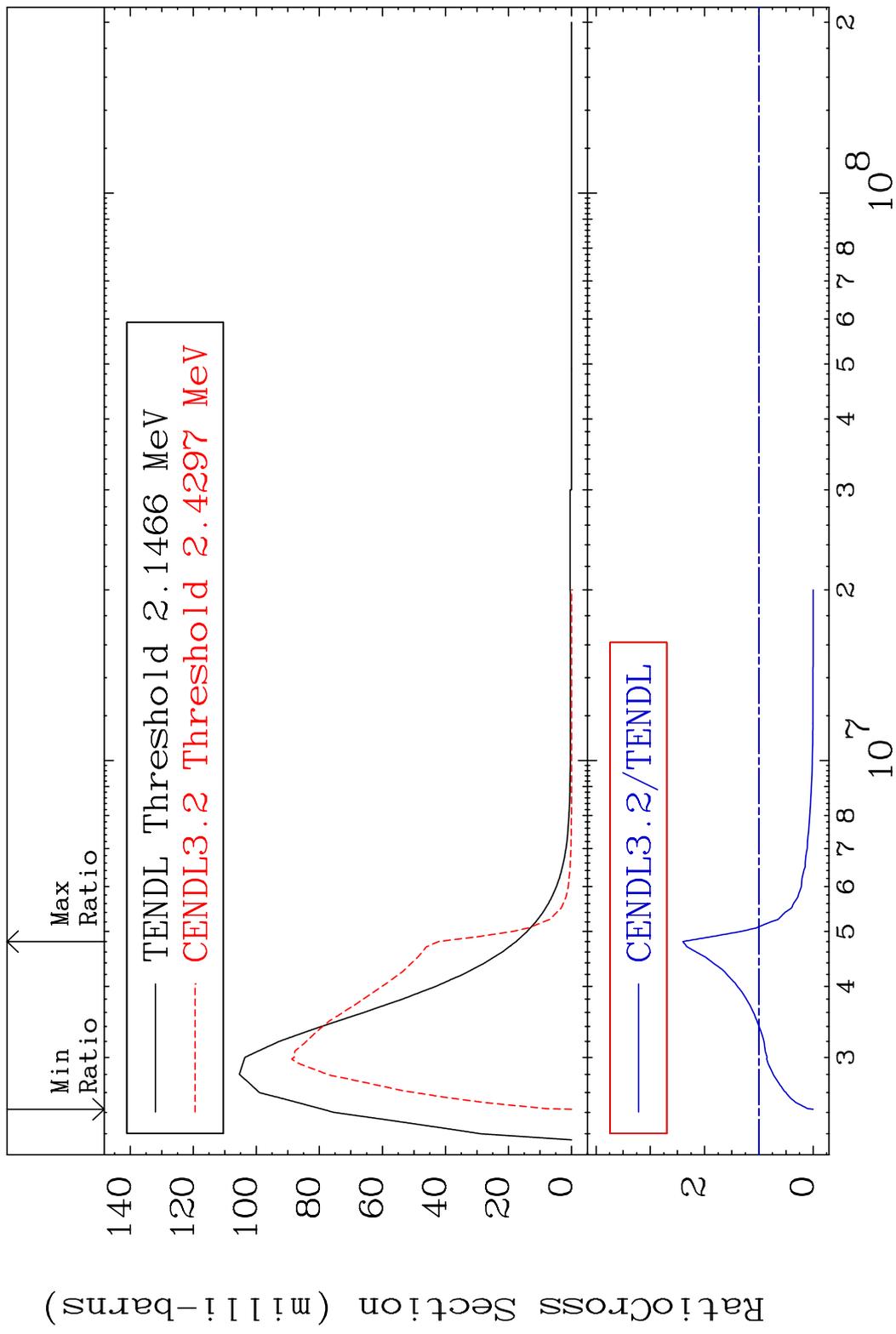
MAT 3231 MT= 56 (n, n') Level 32-Ge-72
 Cross Section -99.84 To 98.31 %



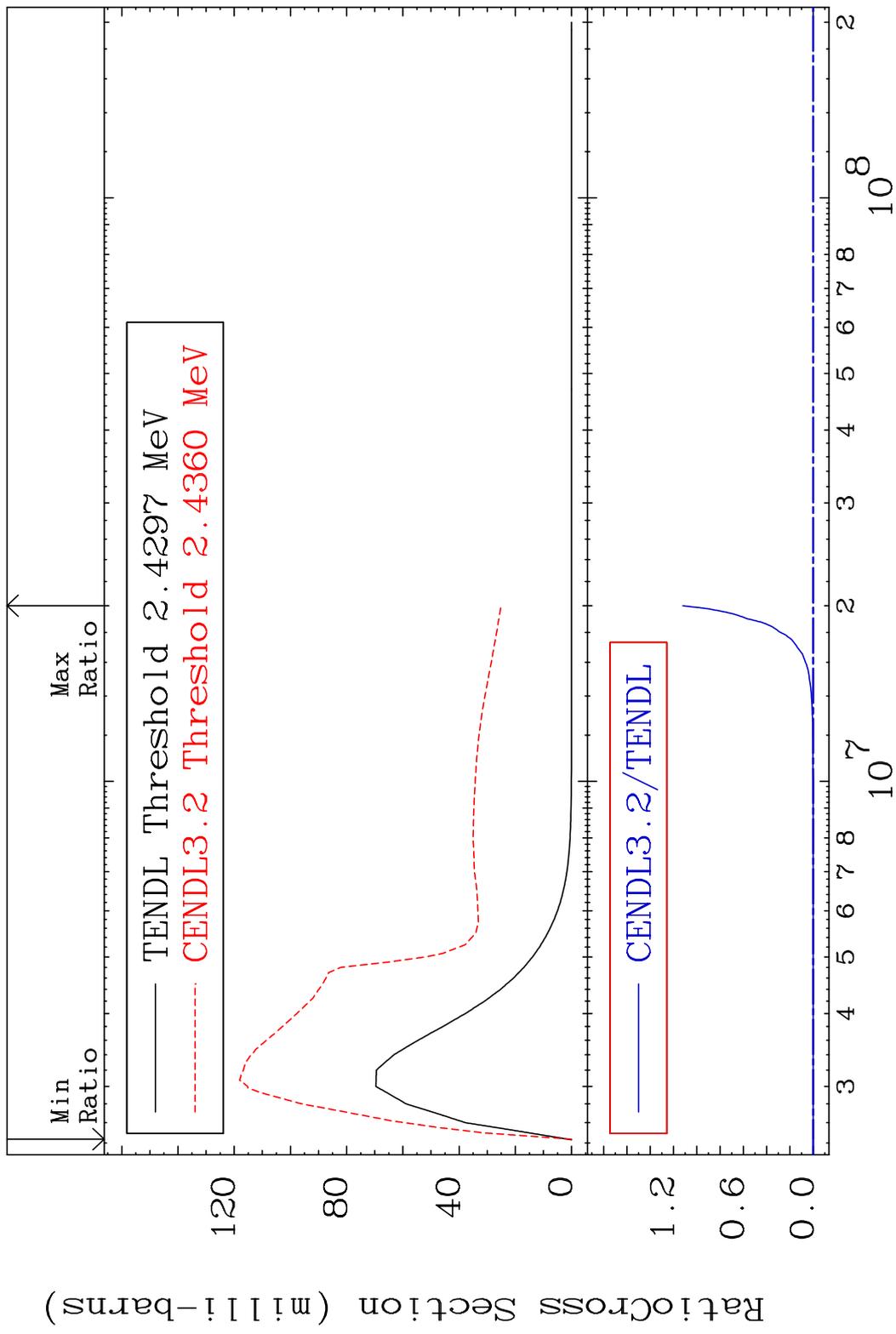
MAT 3231 MT= 57 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 1307. %



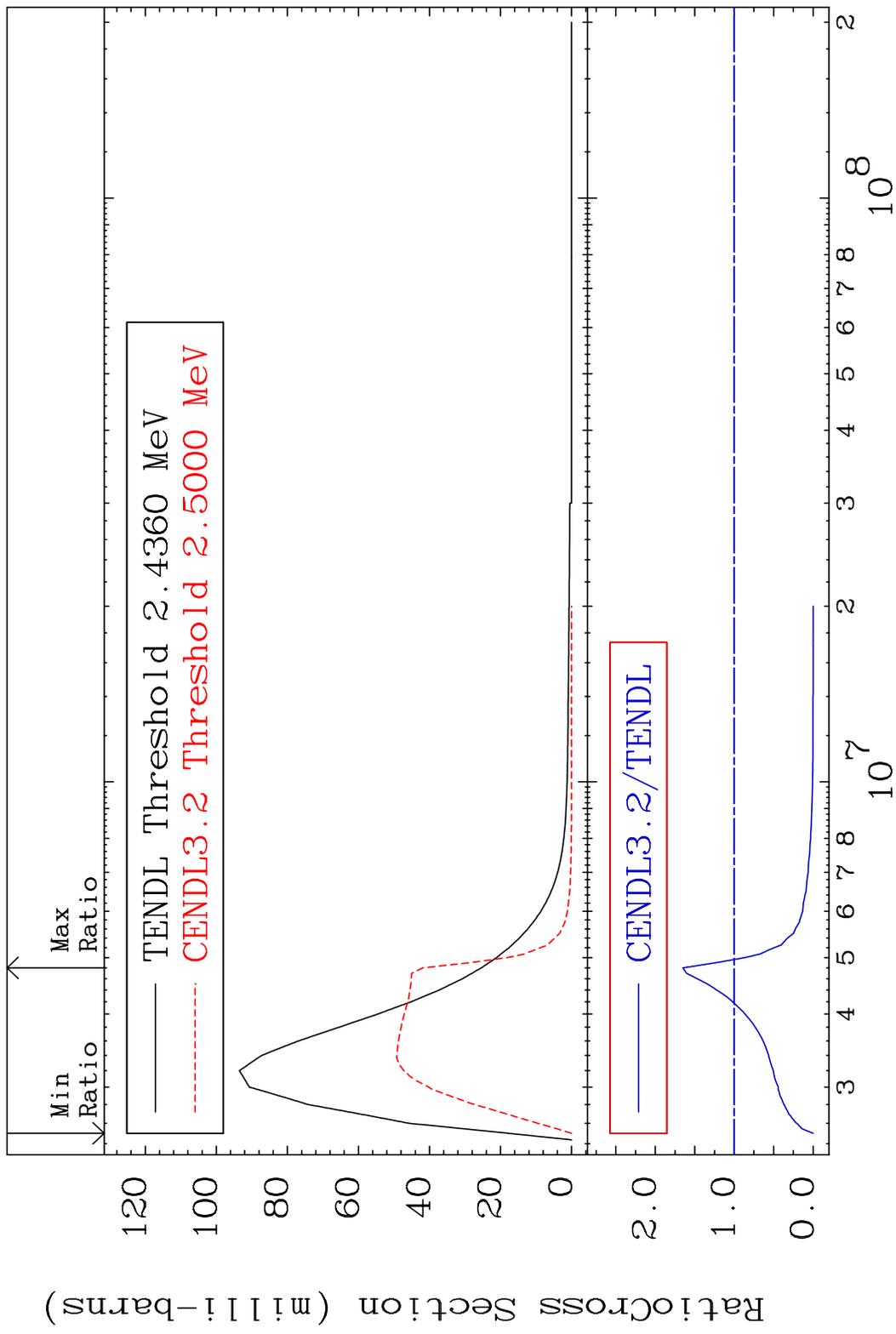
MAT 3231 MT= 58 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 140.1 %



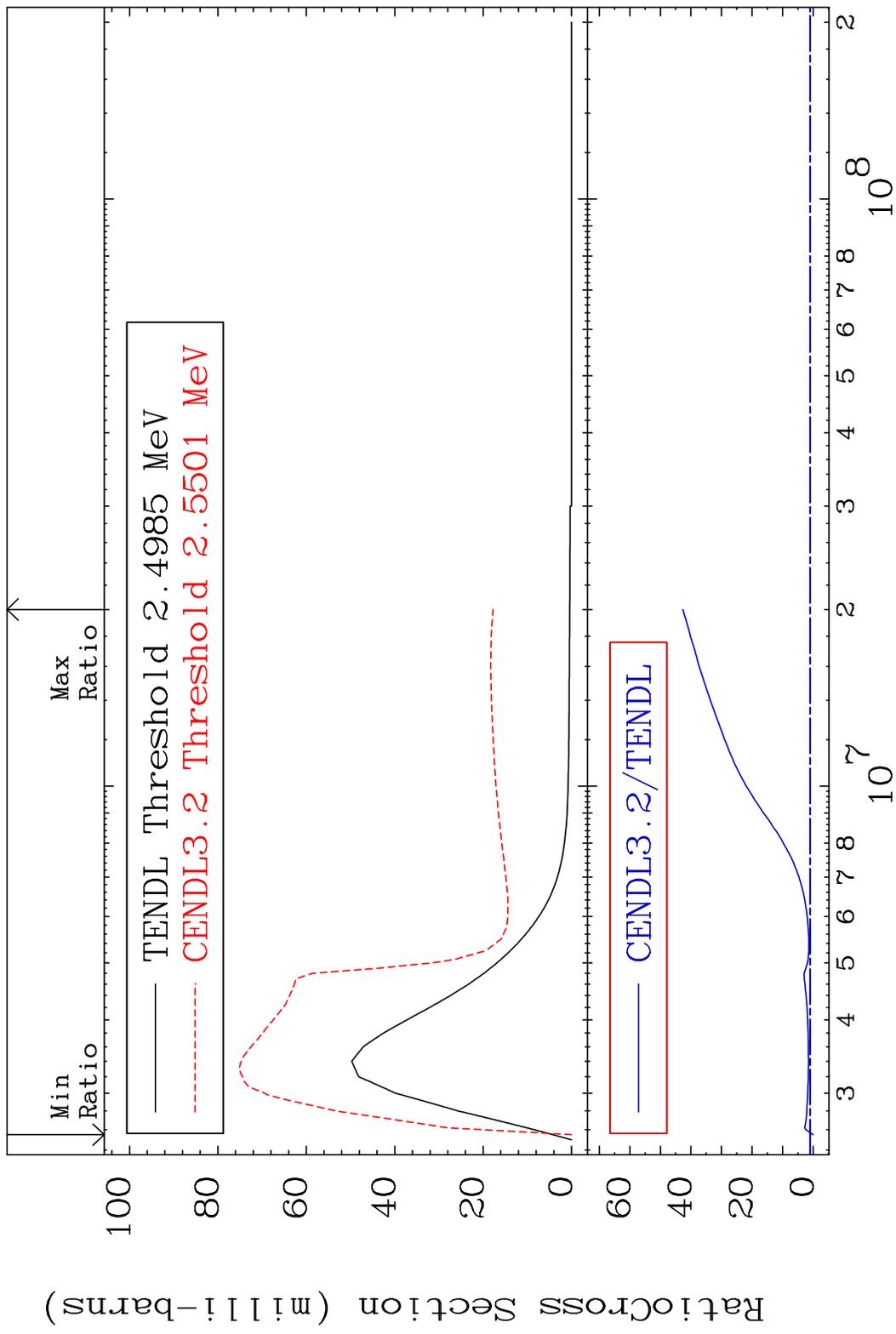
MAT 3231 MT= 59 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



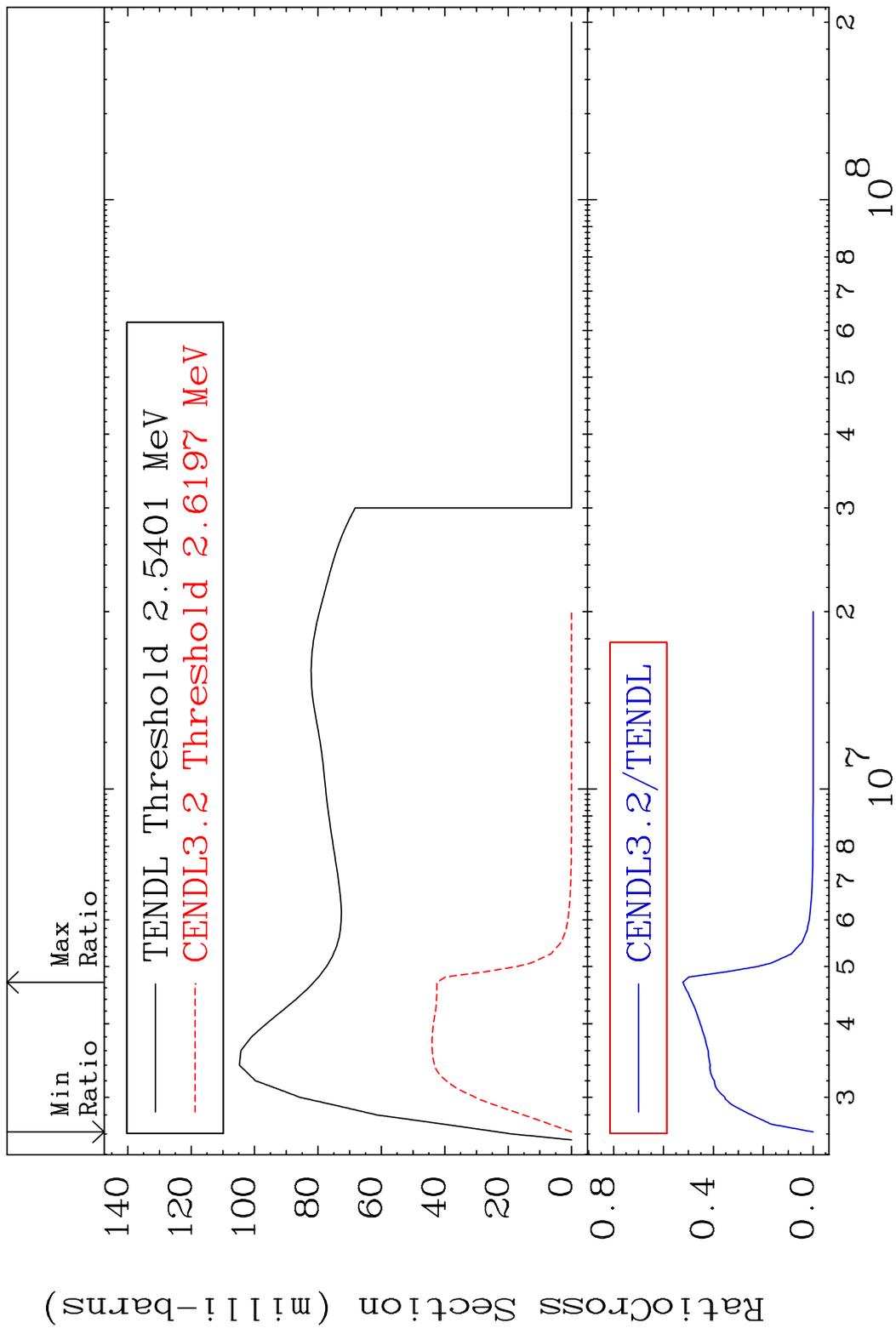
MAT 3231 MT= 60 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 65.11 %



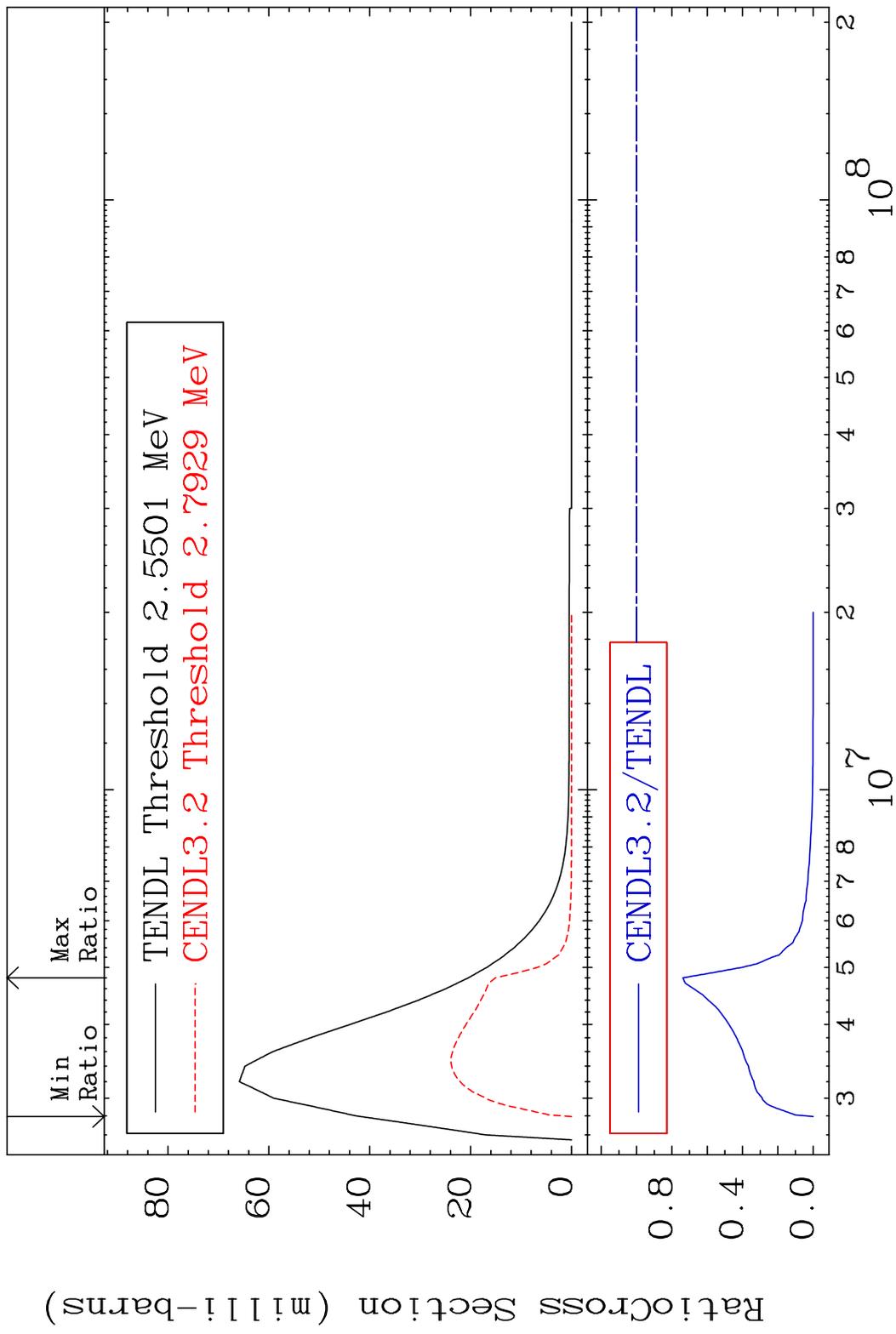
MAT 3231 MT= 61 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 4166. %



MAT 3231 MT= 62 (n, n') Level 32-Ge-72
 Cross Section -100.0 To -47.75%

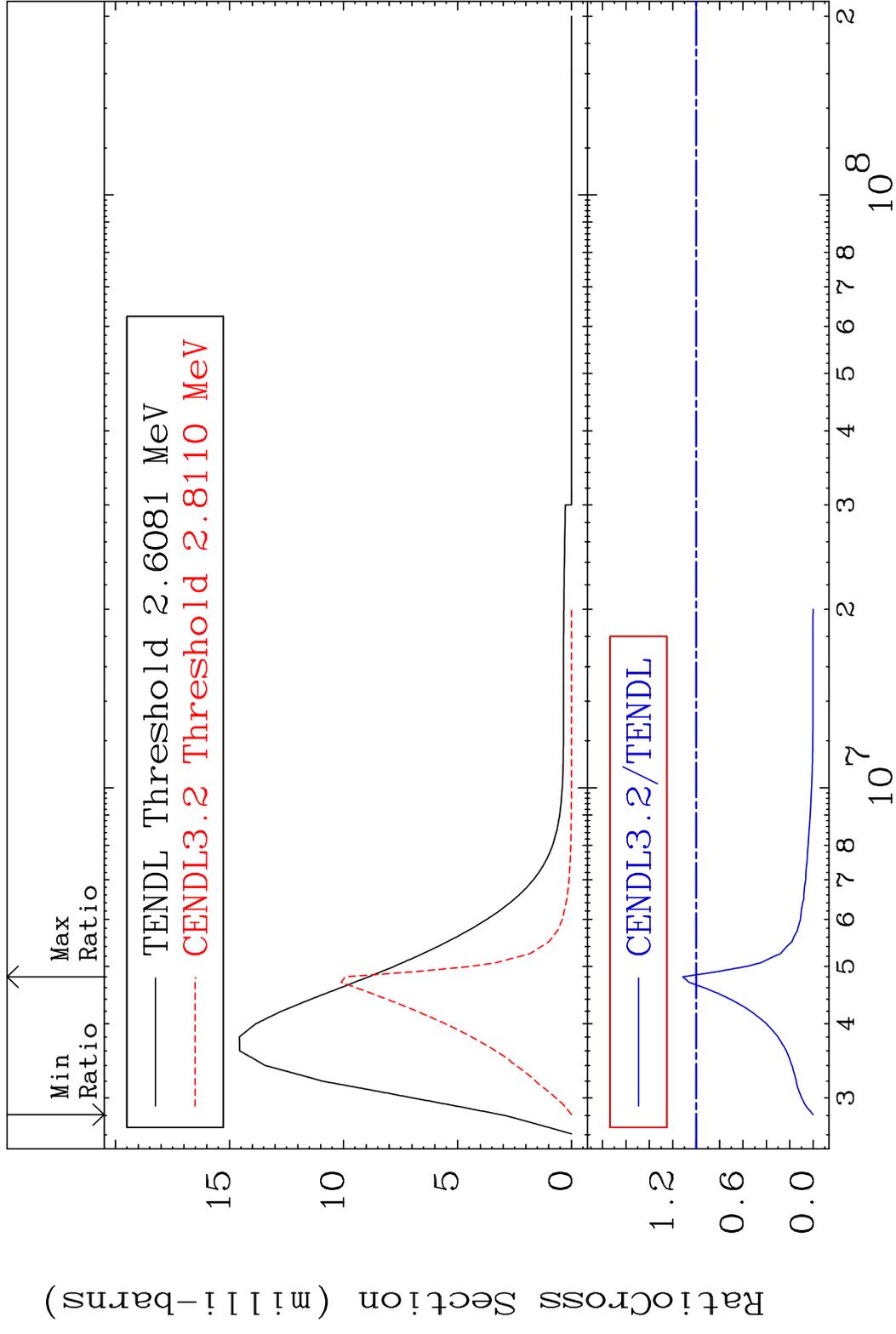


MAT 3231 MT= 63 (n, n') Level 32-Ge-72
 Cross Section -100.0 To -26.20%

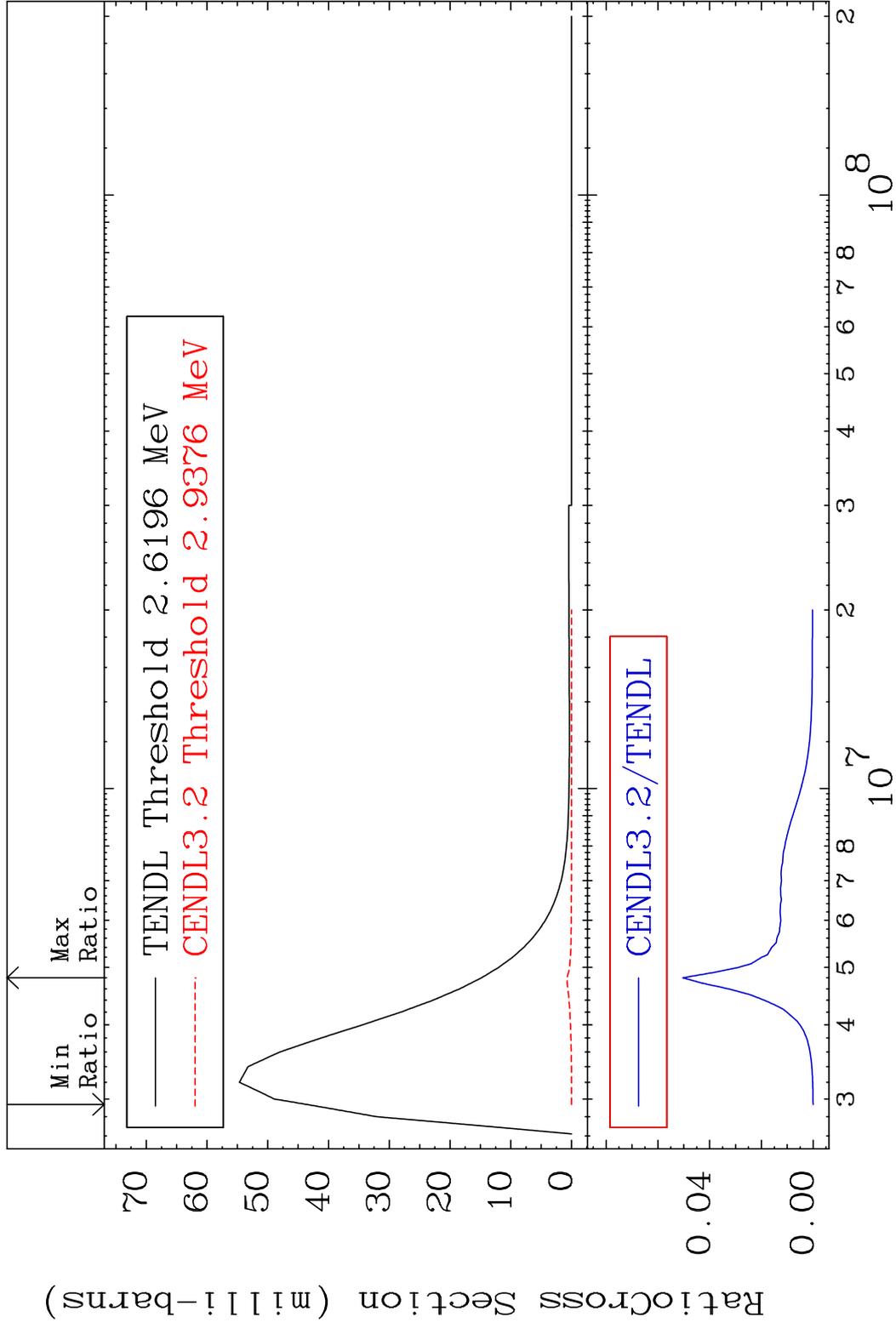


20 Incident Energy (eV) 32-Ge-72

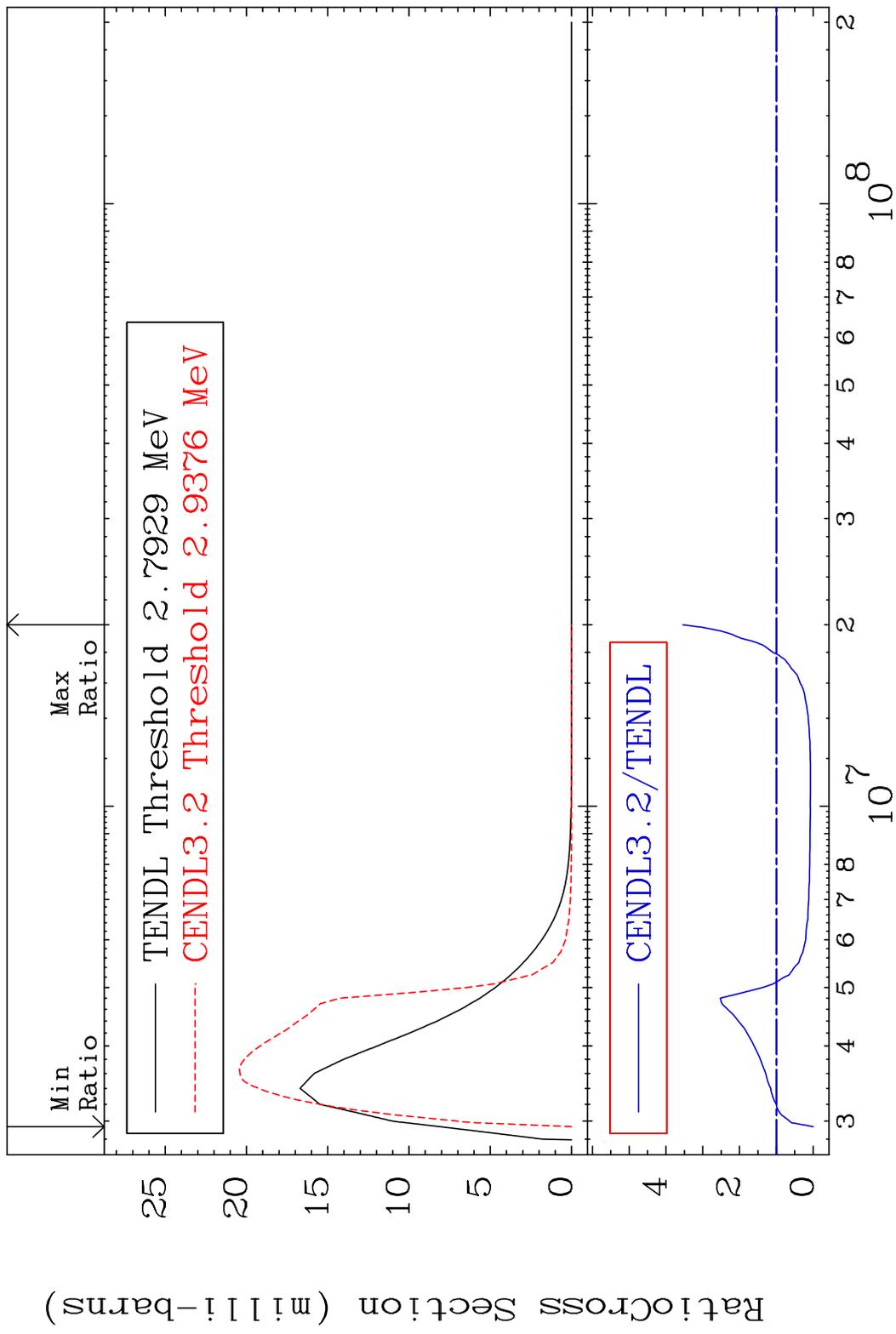
MAT 3231 MT= 64 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 11.42 %



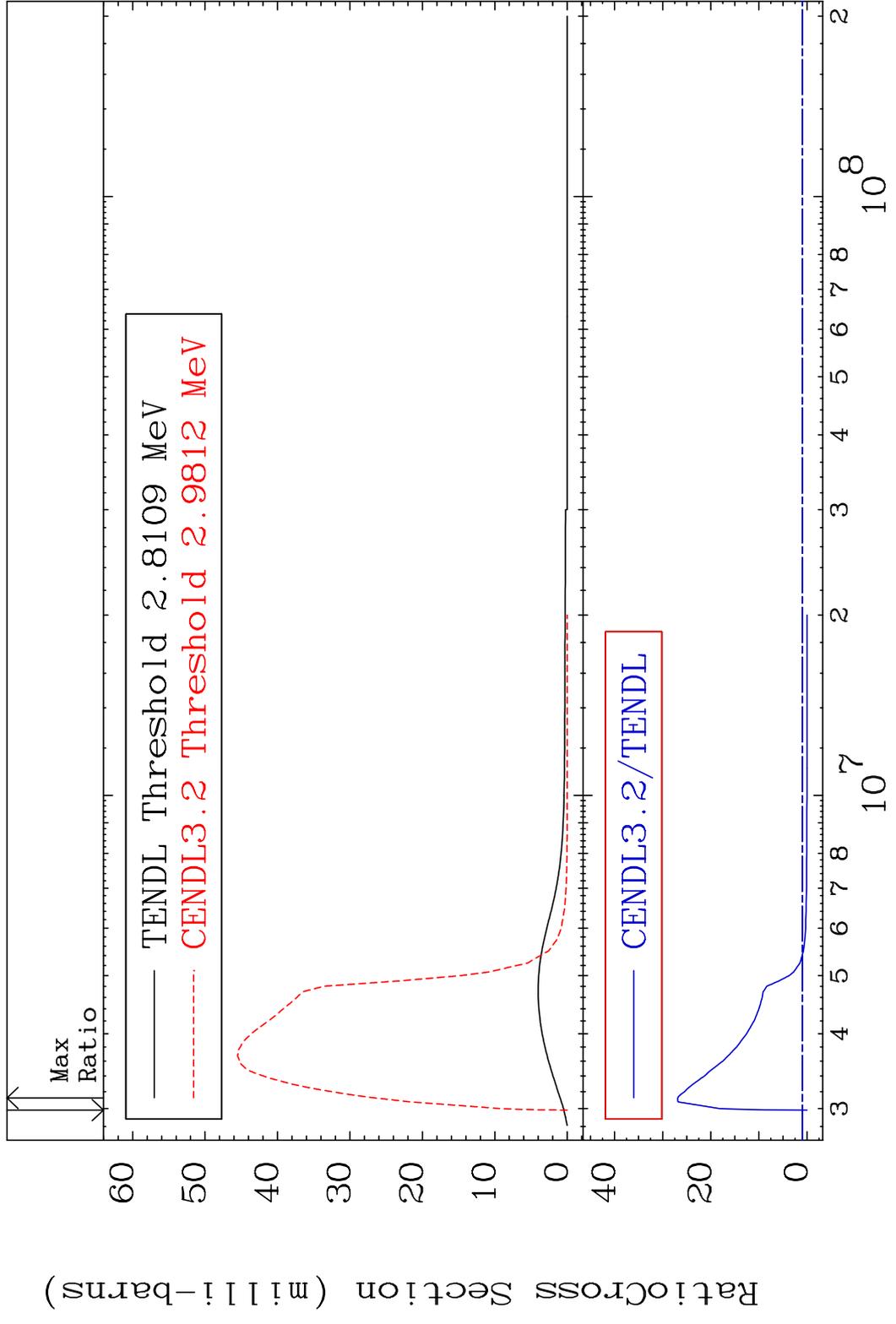
MAT 3231 MT= 65 (n,n') Level 32-Ge-72
 Cross Section -100.0 To -94.96%



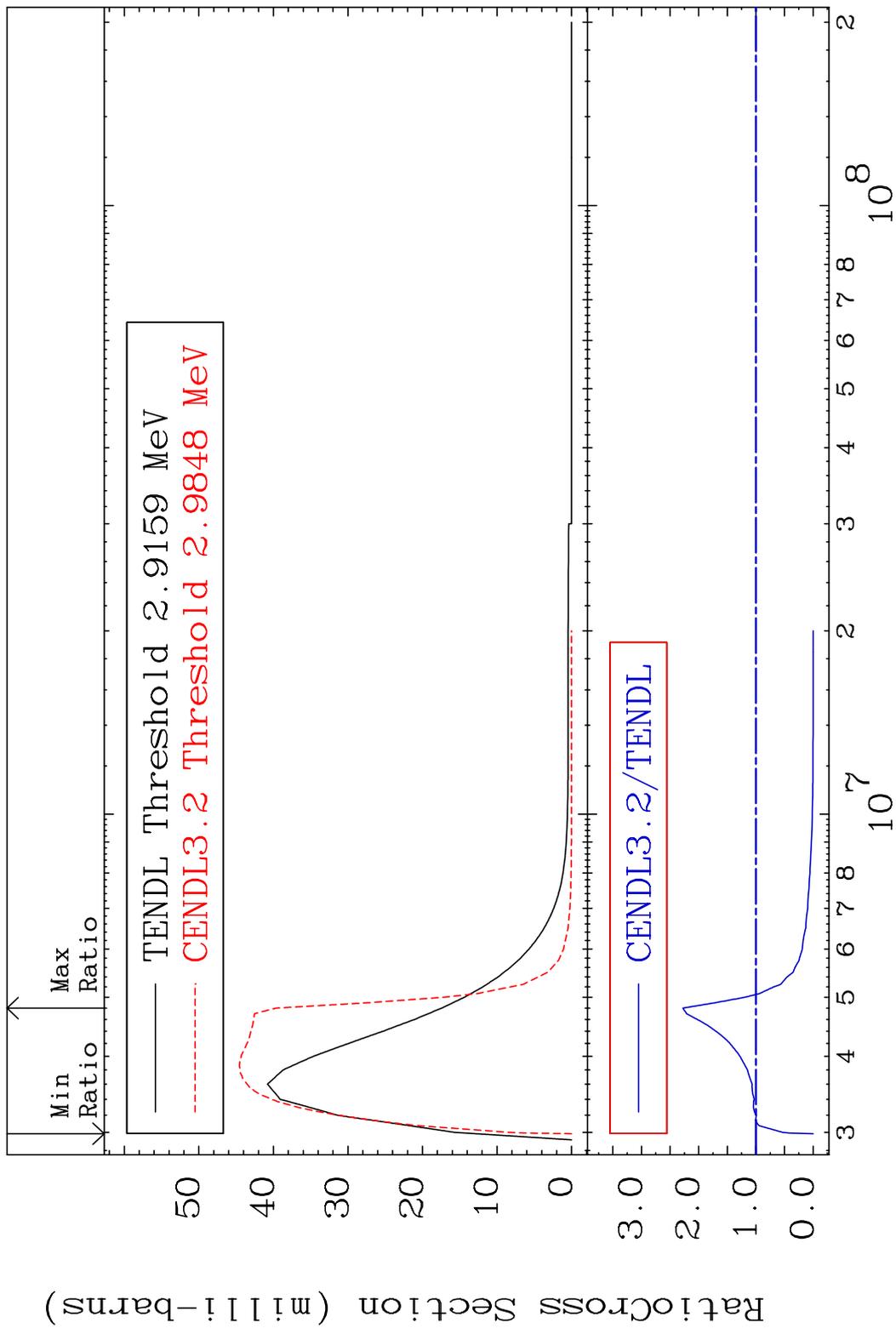
MAT 3231 MT= 66 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 254.2 %



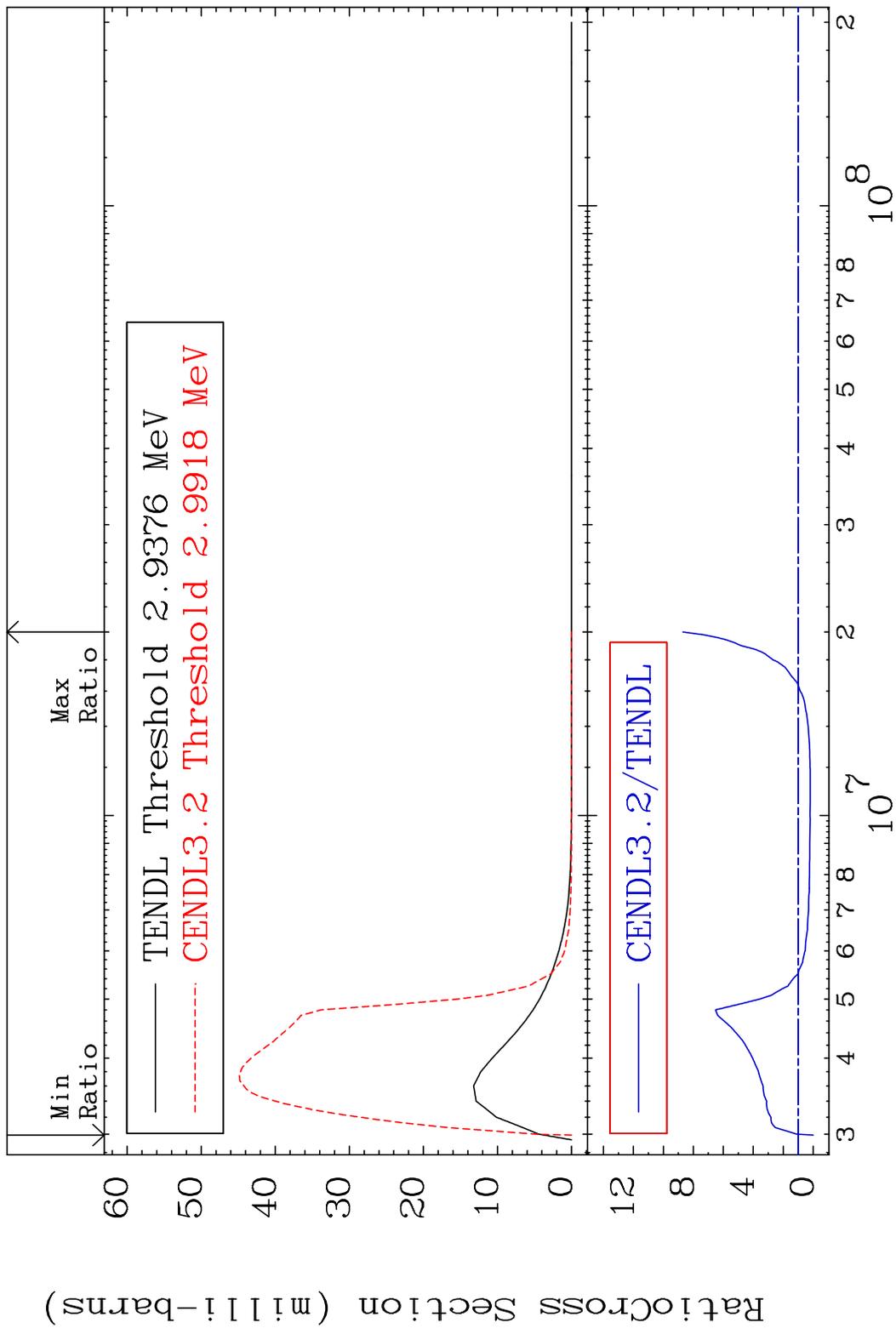
MAT 3231 MT= 67 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 2588. %



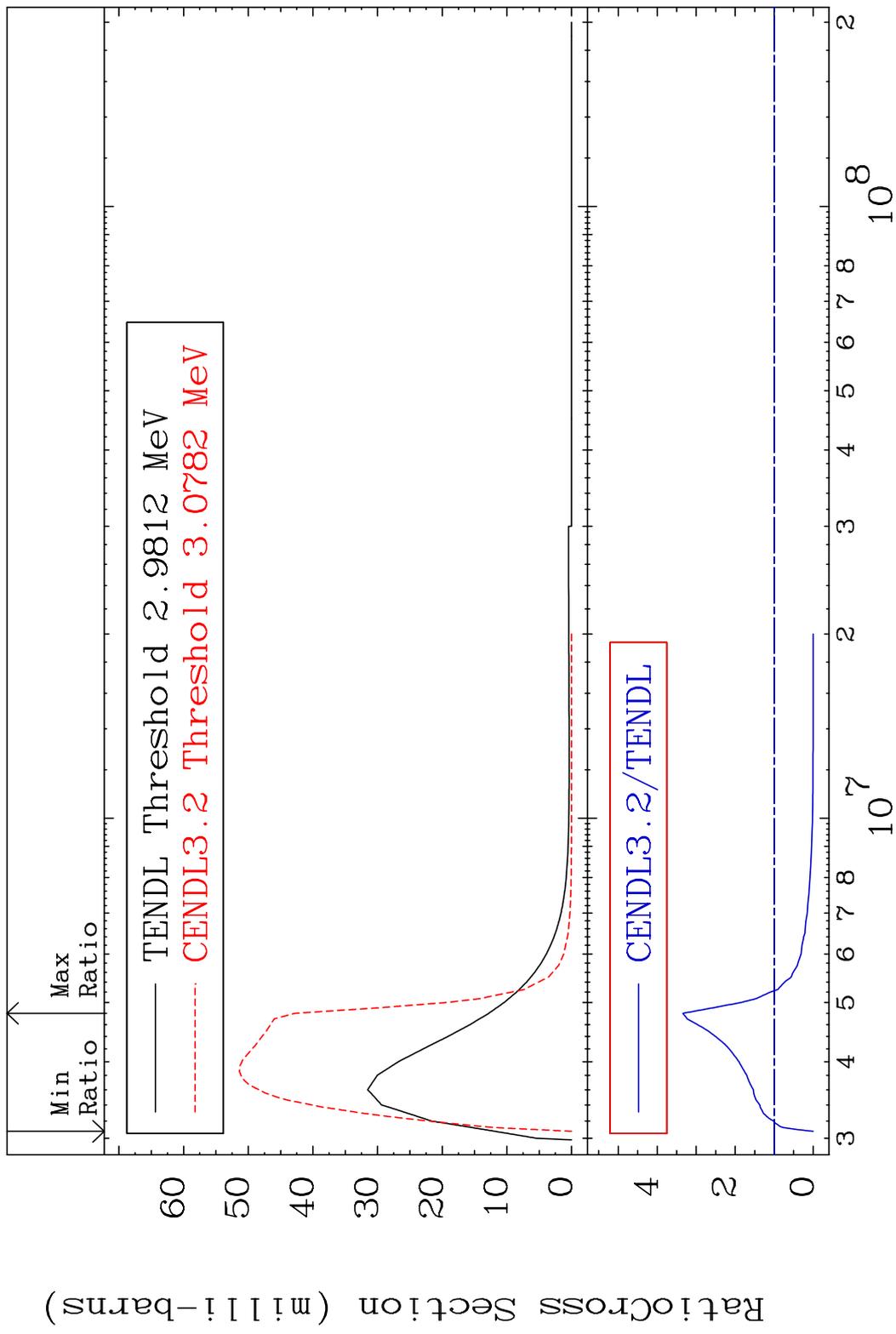
MAT 3231 MT= 68 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 127.8 %



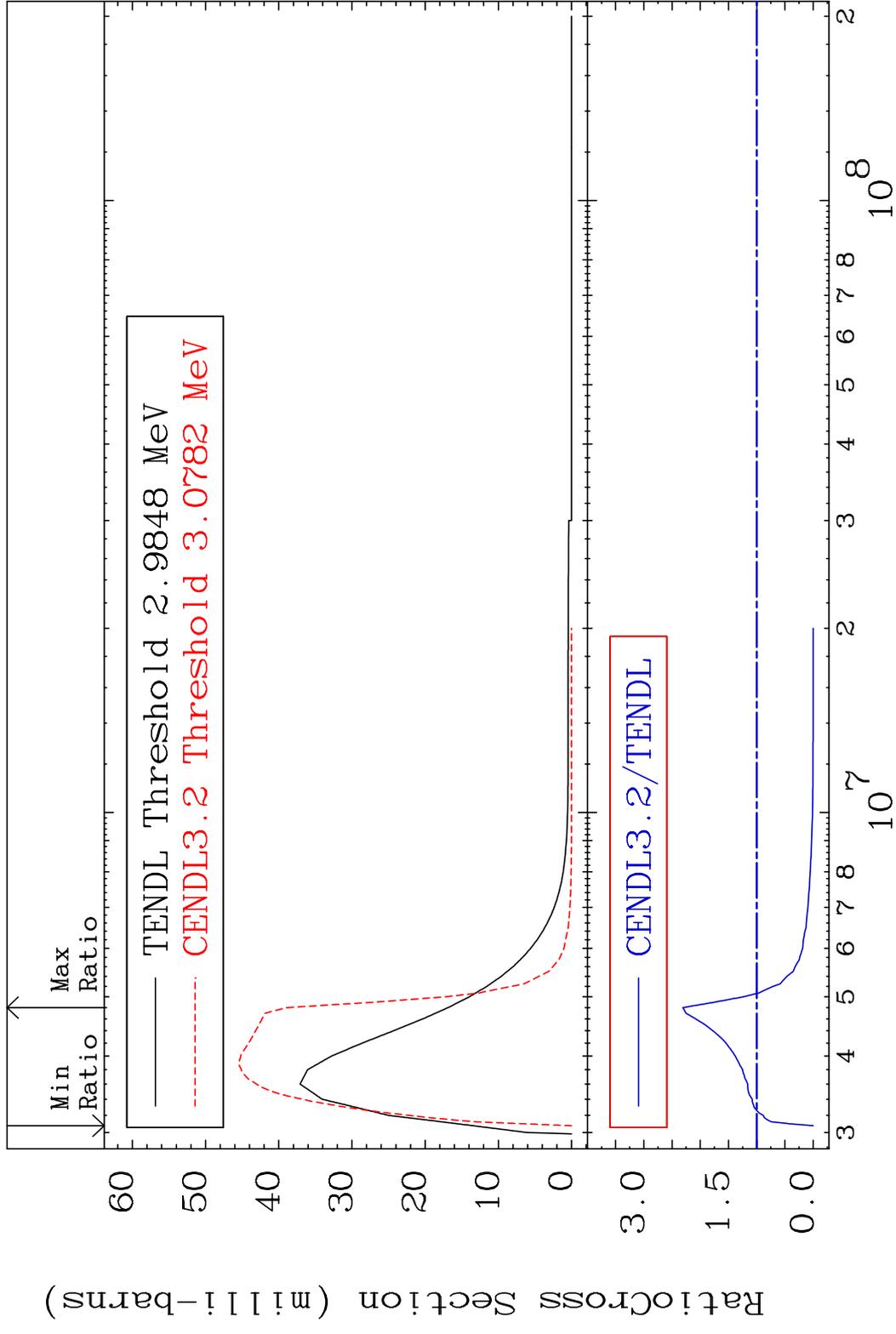
MAT 3231 MT= 69 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 770.1 %



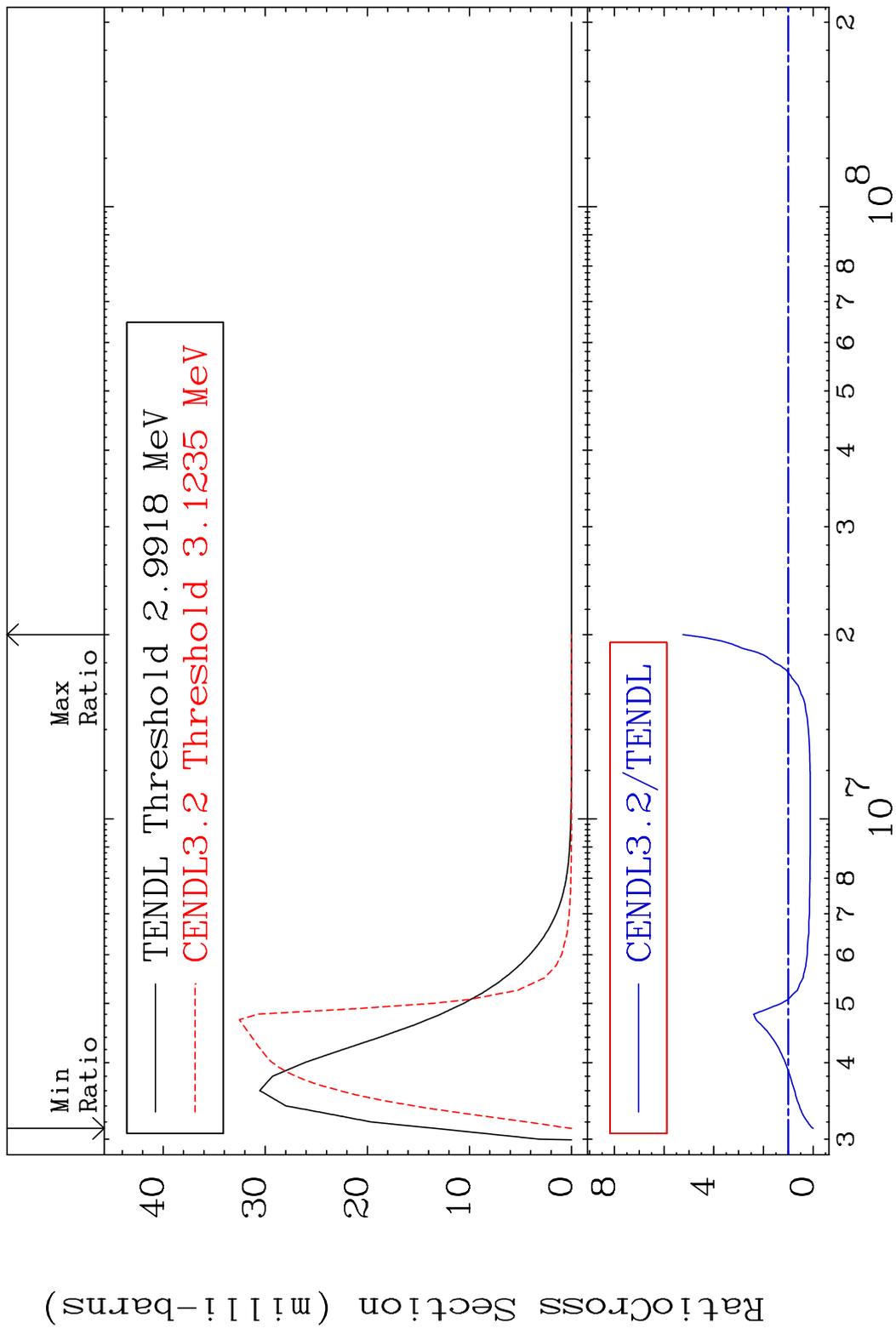
MAT 3231 MT= 70 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 234.2 %



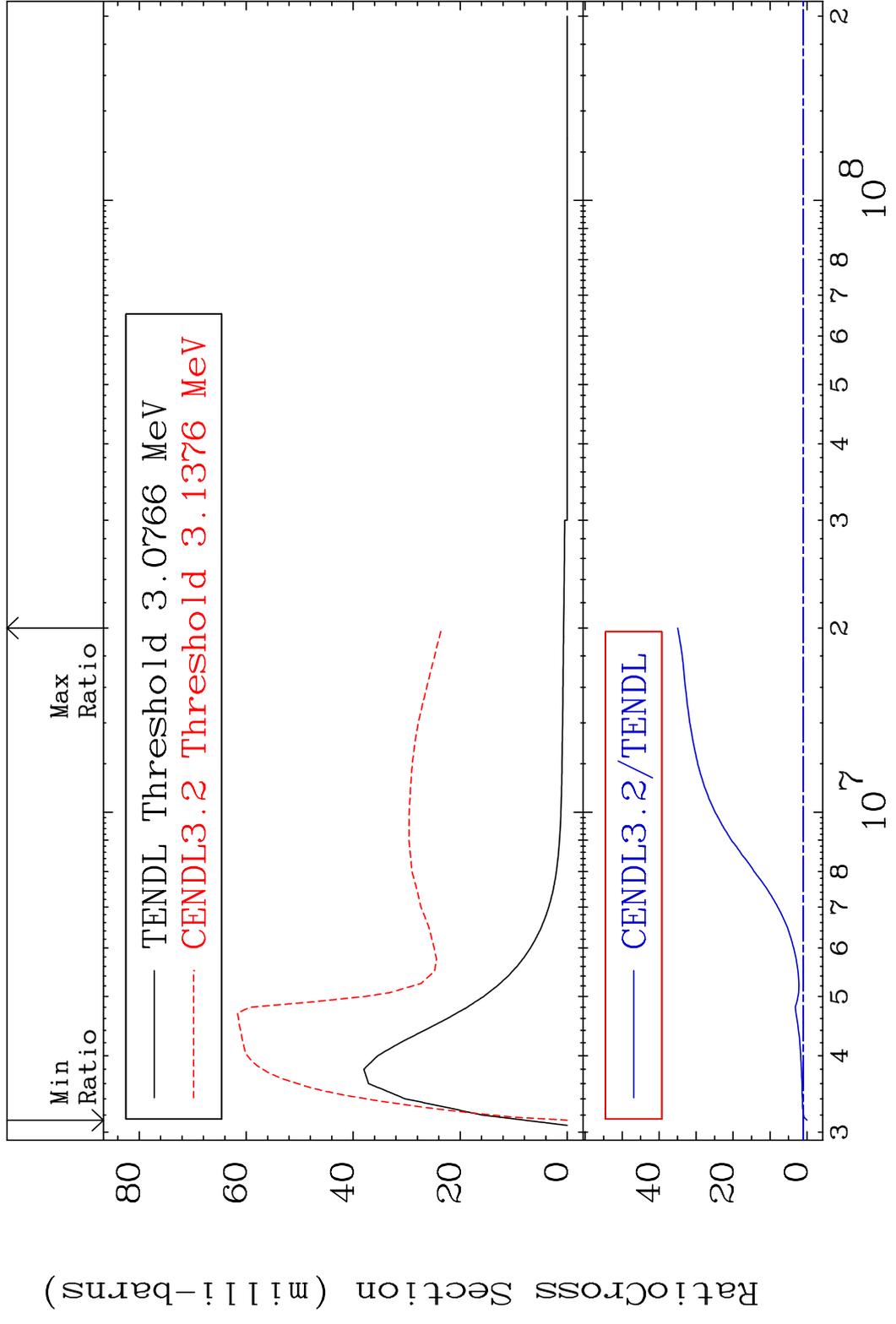
MAT 3231 MT= 71 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 130.9 %



MAT 3231 MT= 72 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 424.6 %

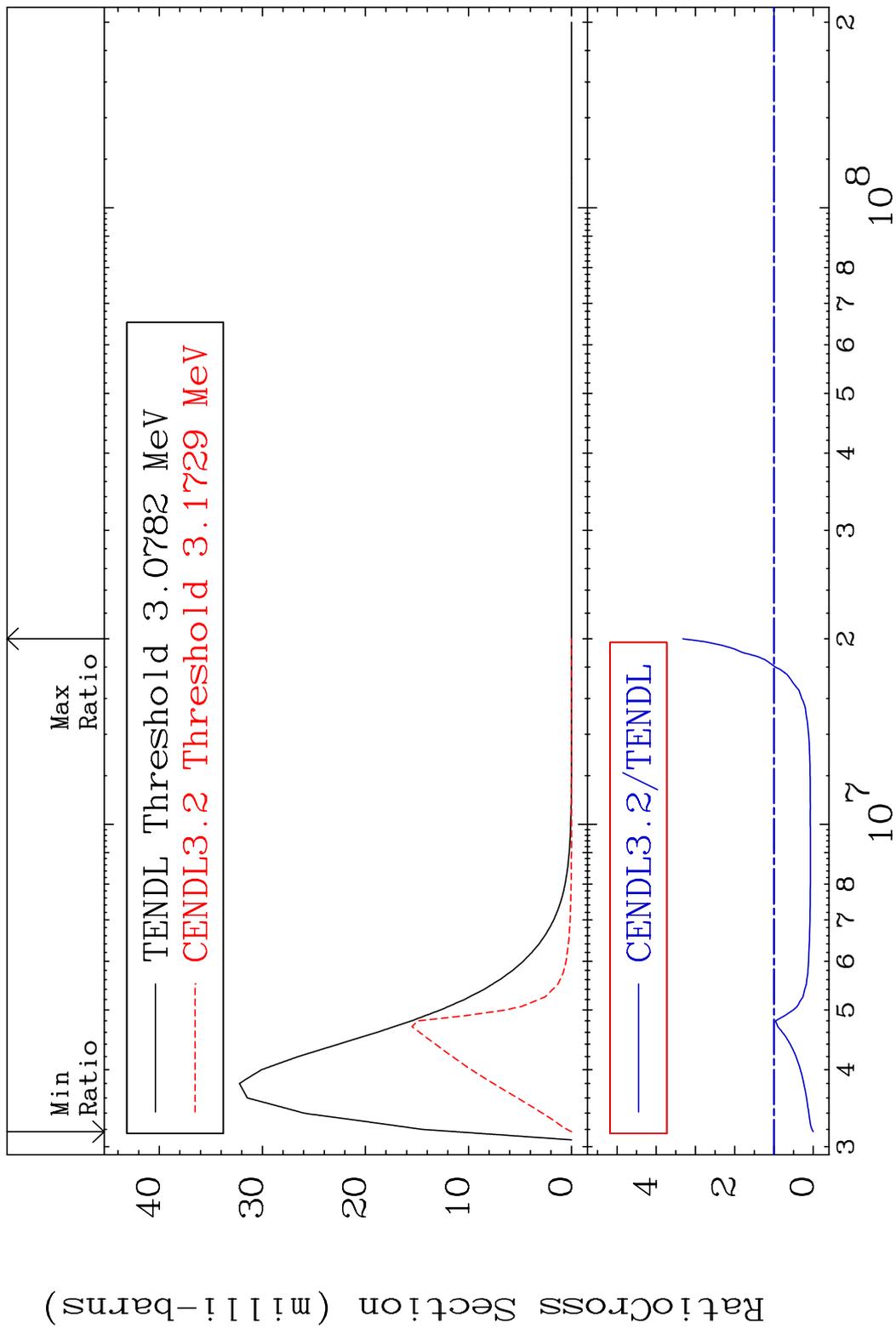


MAT 3231 MT= 73 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 3397. %

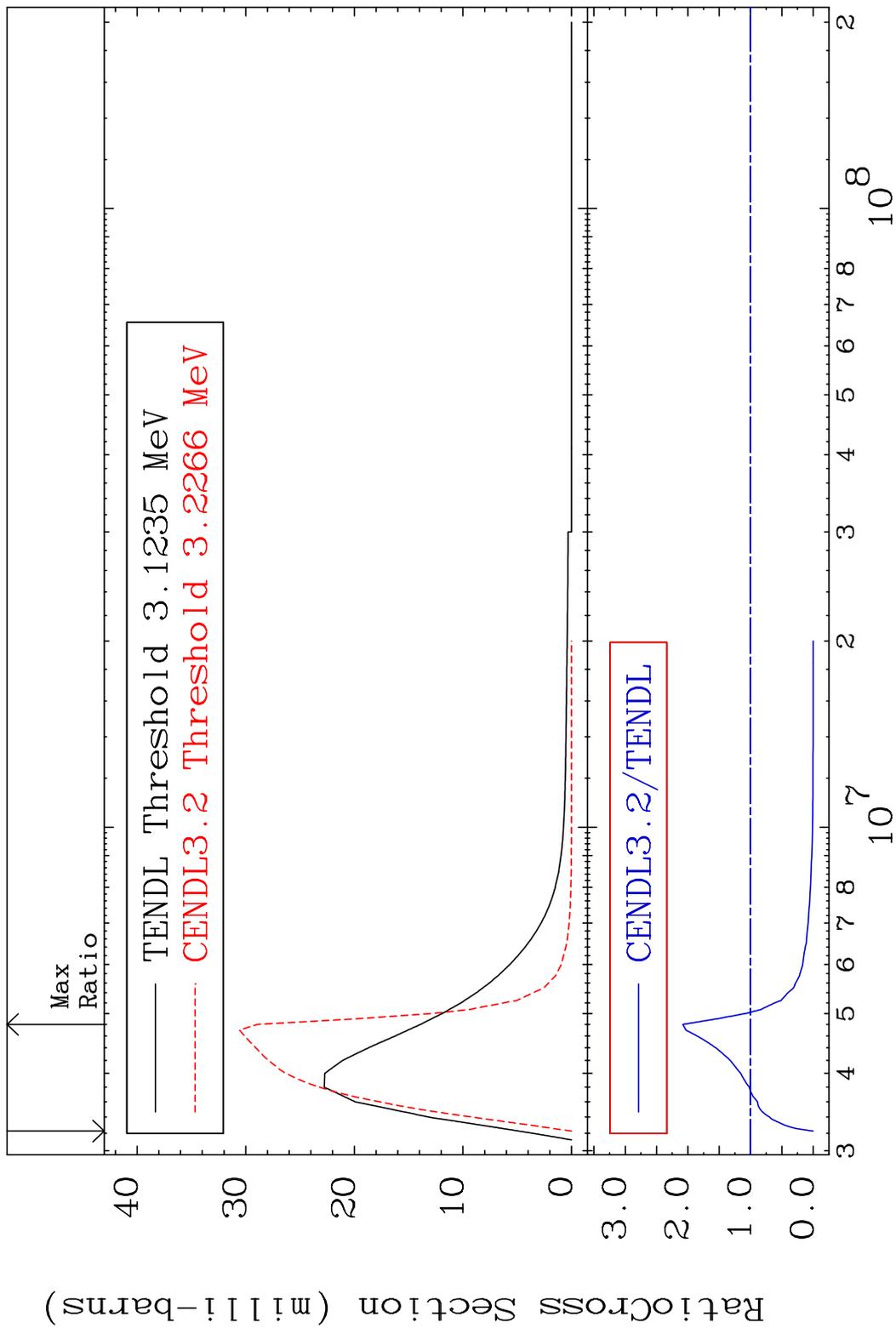


30 Incident Energy (eV) 32-Ge-72

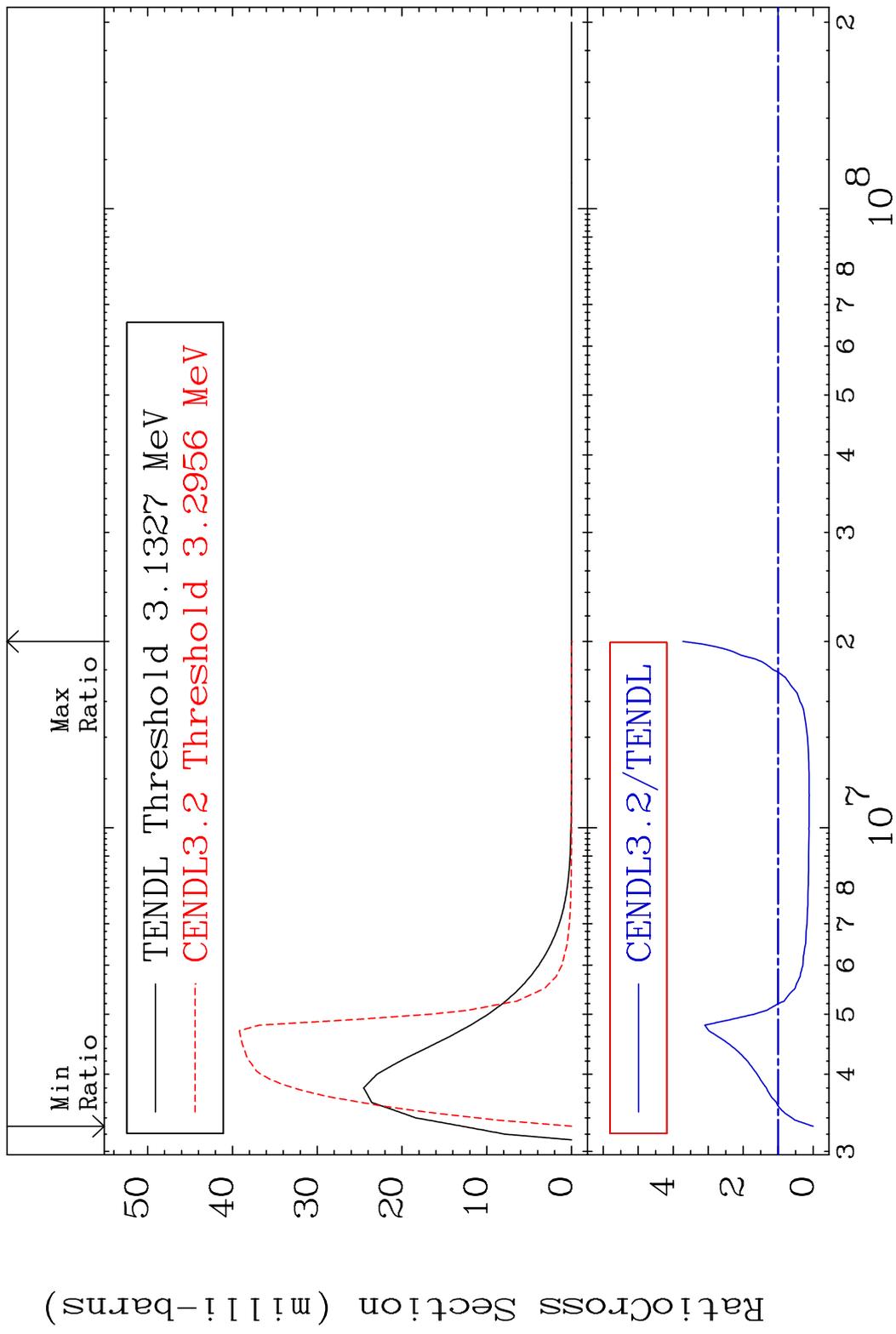
MAT 3231 MT= 74 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 232.2 %



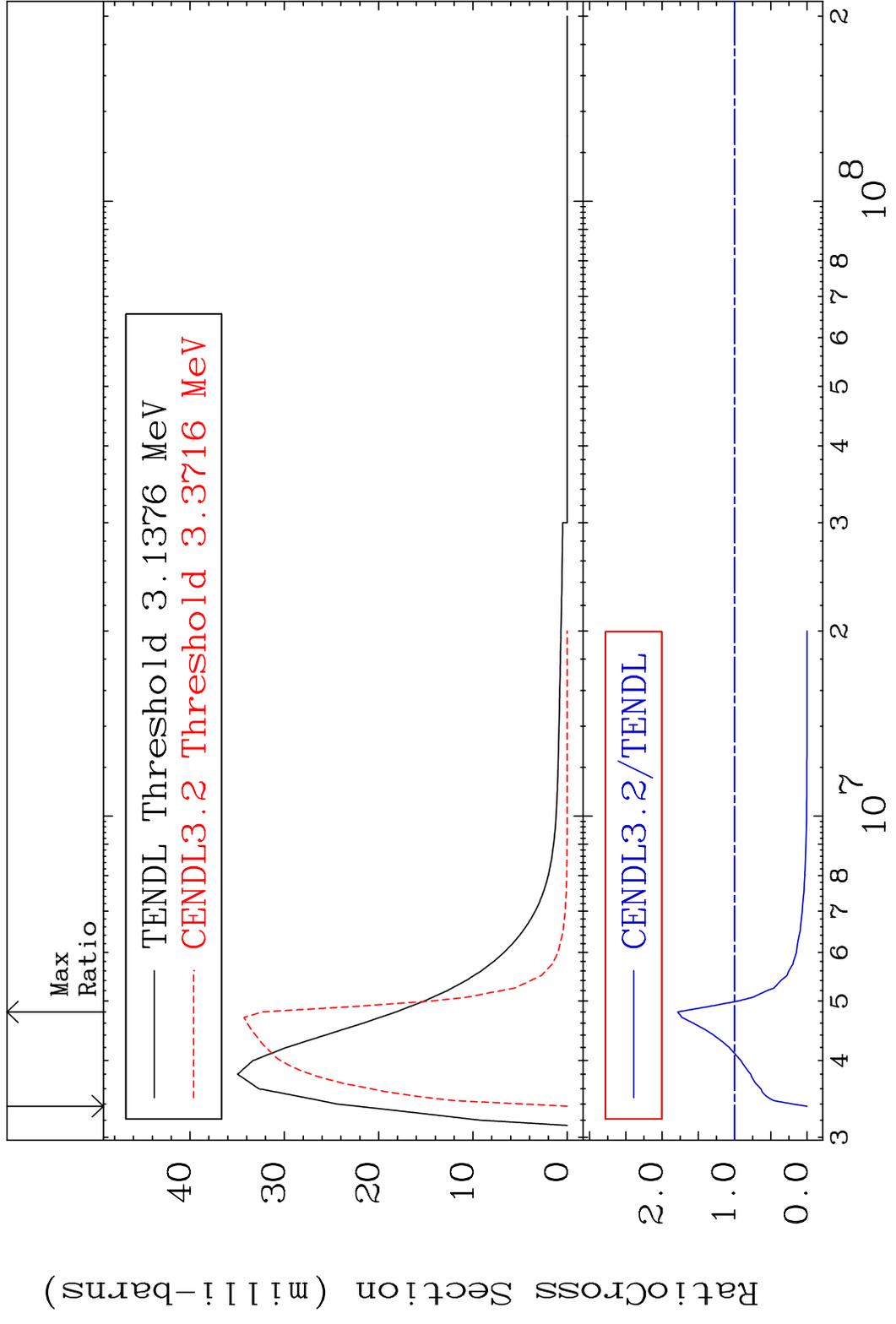
MAT 3231 MT= 75 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 108.0 %



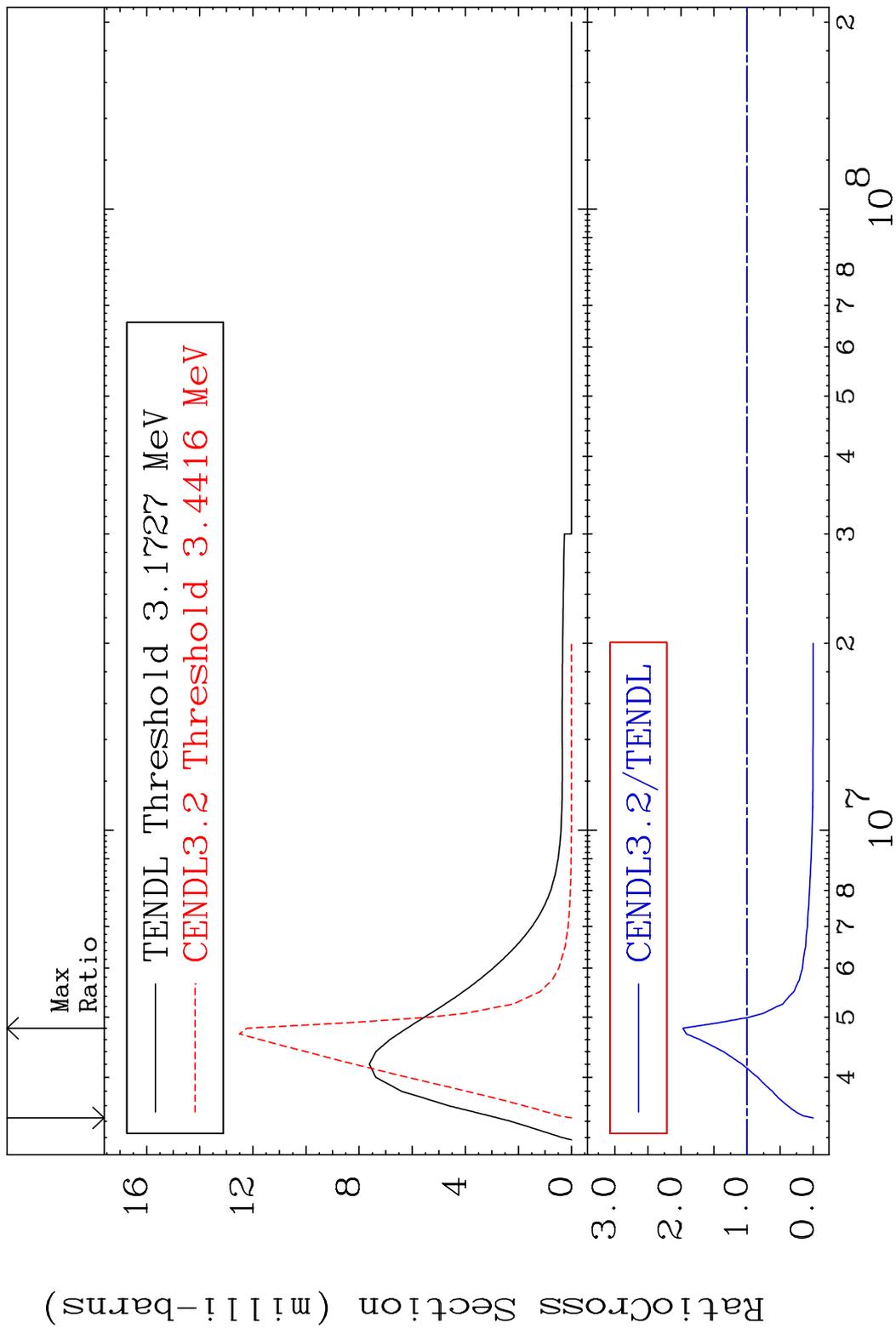
MAT 3231 MT= 76 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 272.5 %



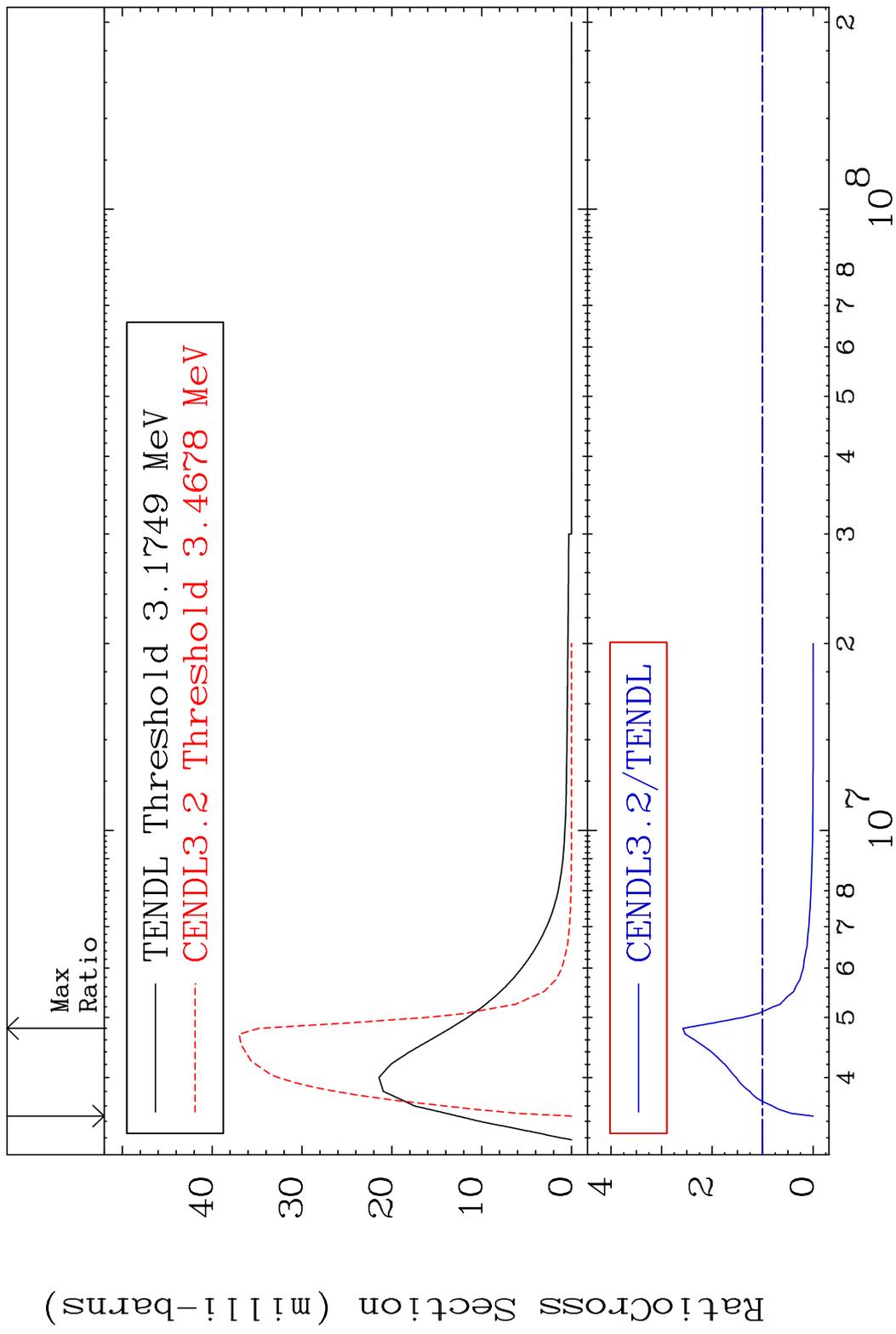
MAT 3231 MT= 77 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 78.37 %



MAT 3231 MT= 78 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 97.18 %



MAT 3231 MT= 79 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 157.9 %

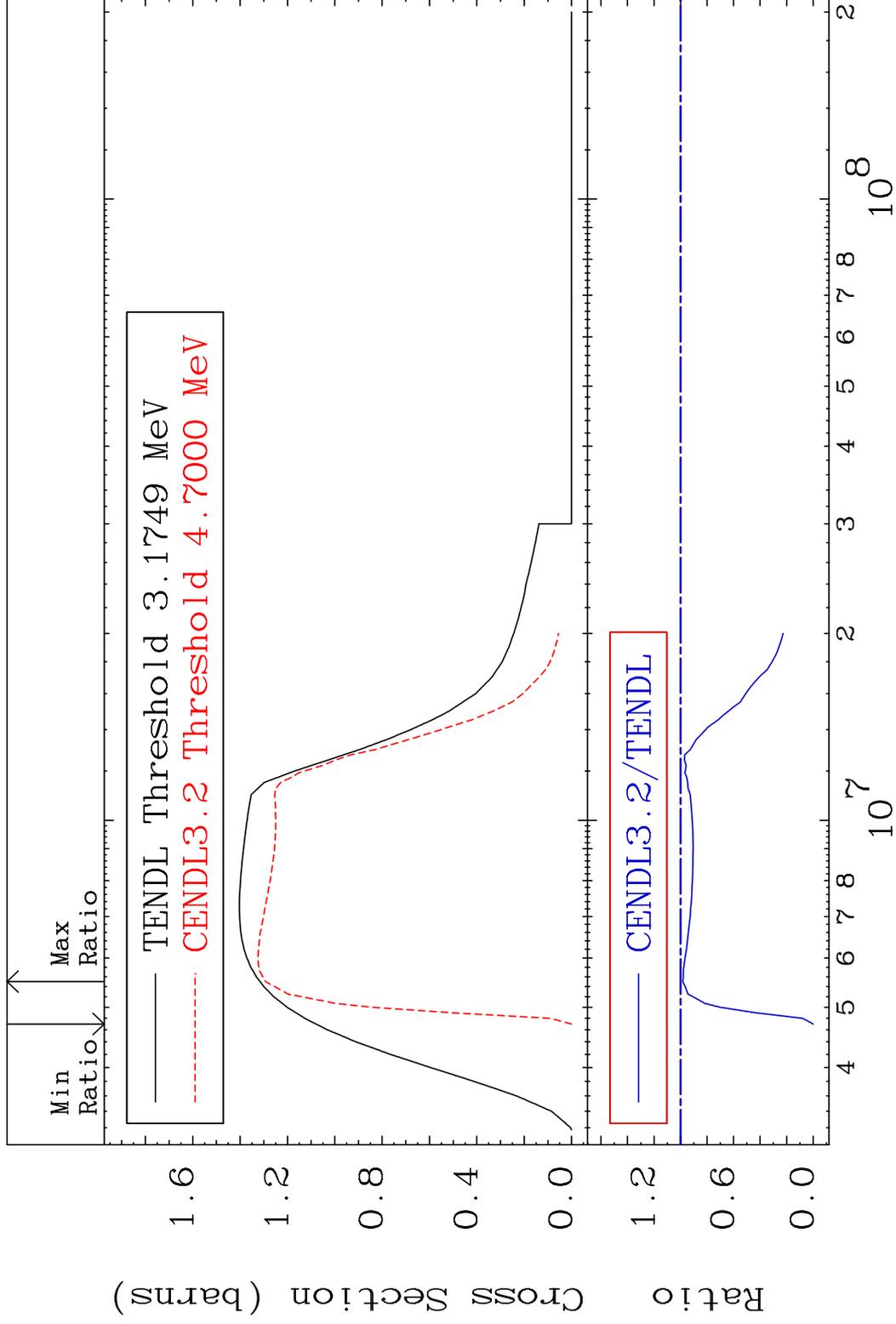


MAT 3231

(n, n') Continuum

32-Ge-72

Cross Section -100.0 To -1.724%



37

Incident Energy (eV)

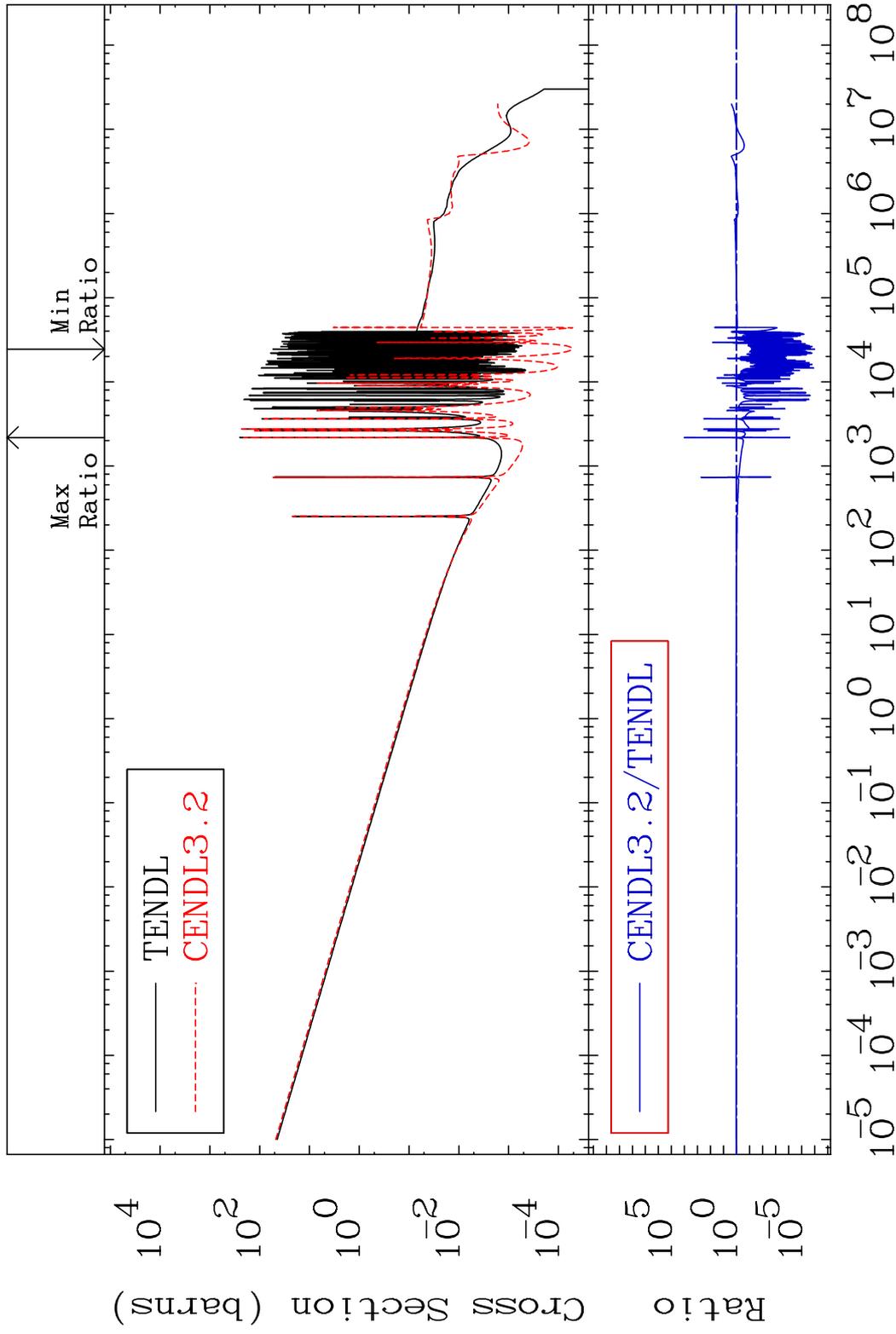
32-Ge-72

MAT 3231

(n, γ)

32-Ge-72

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

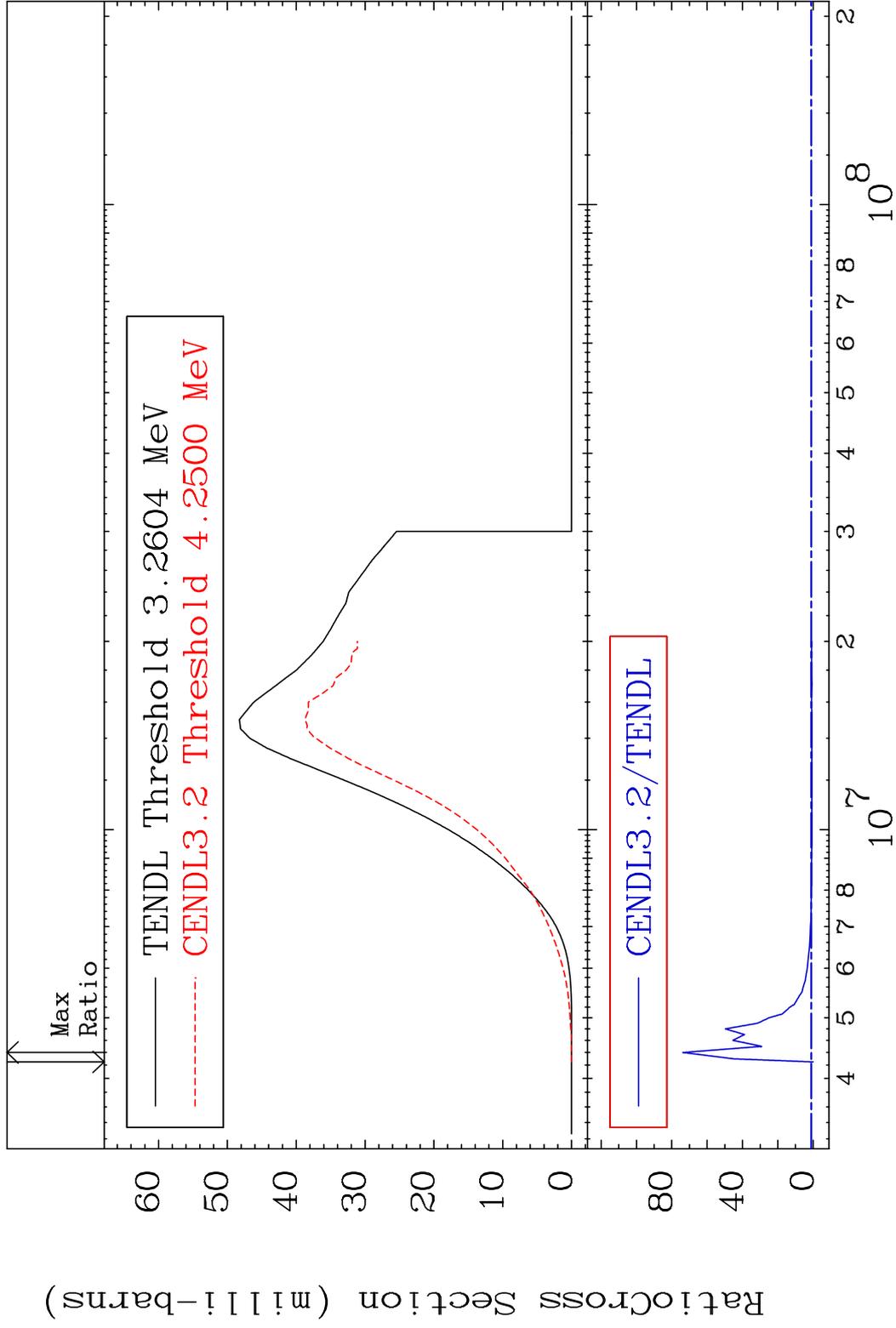
32-Ge-72

MAT 3231

(n,p)

³²Ge-72

Cross Section -100.0 To 7274. %



39

Incident Energy (eV)

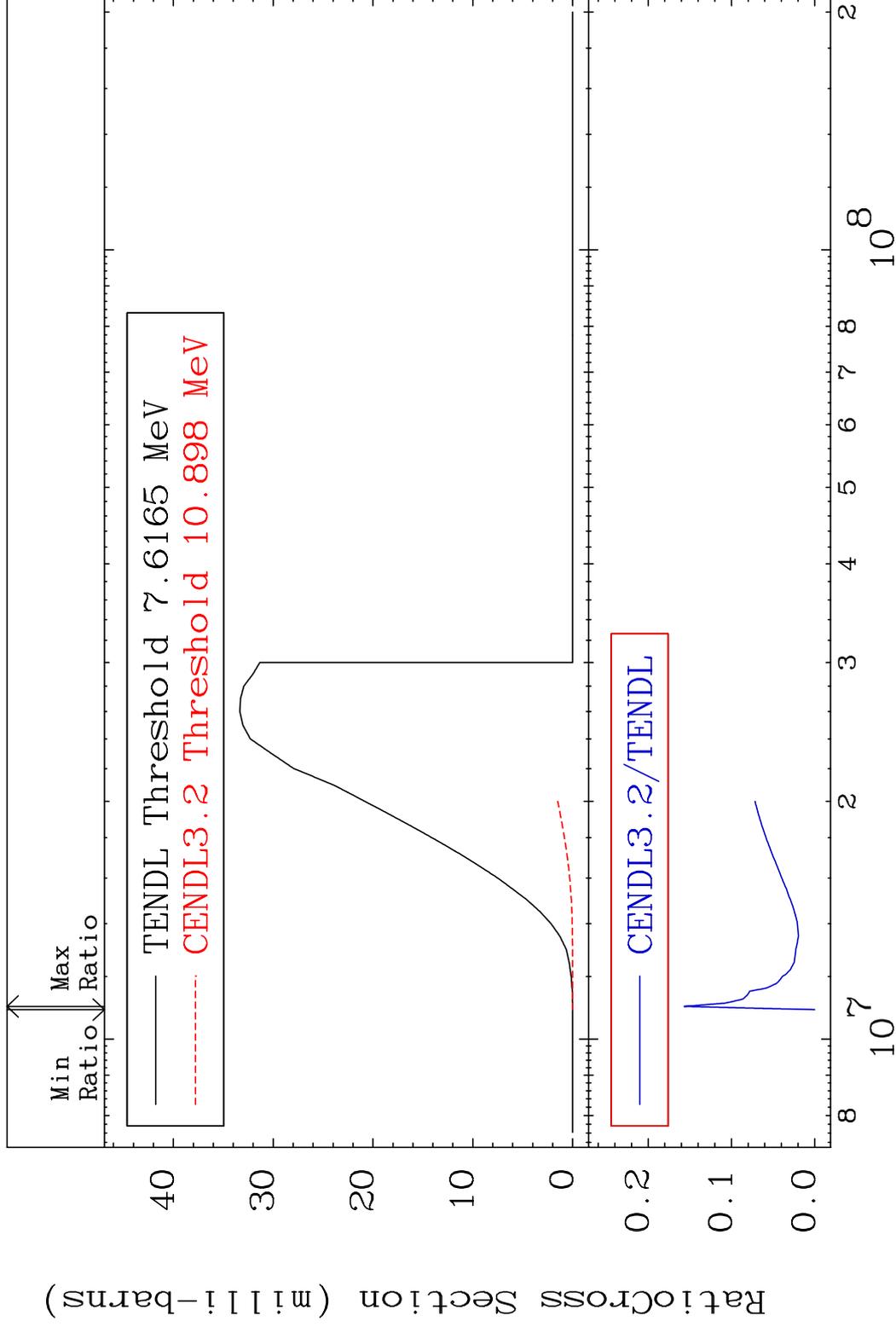
³²Ge-72

MAT 3231

(n, d)

³²Ge-72

Cross Section -100.0 To -84.32%



40

Incident Energy (eV)

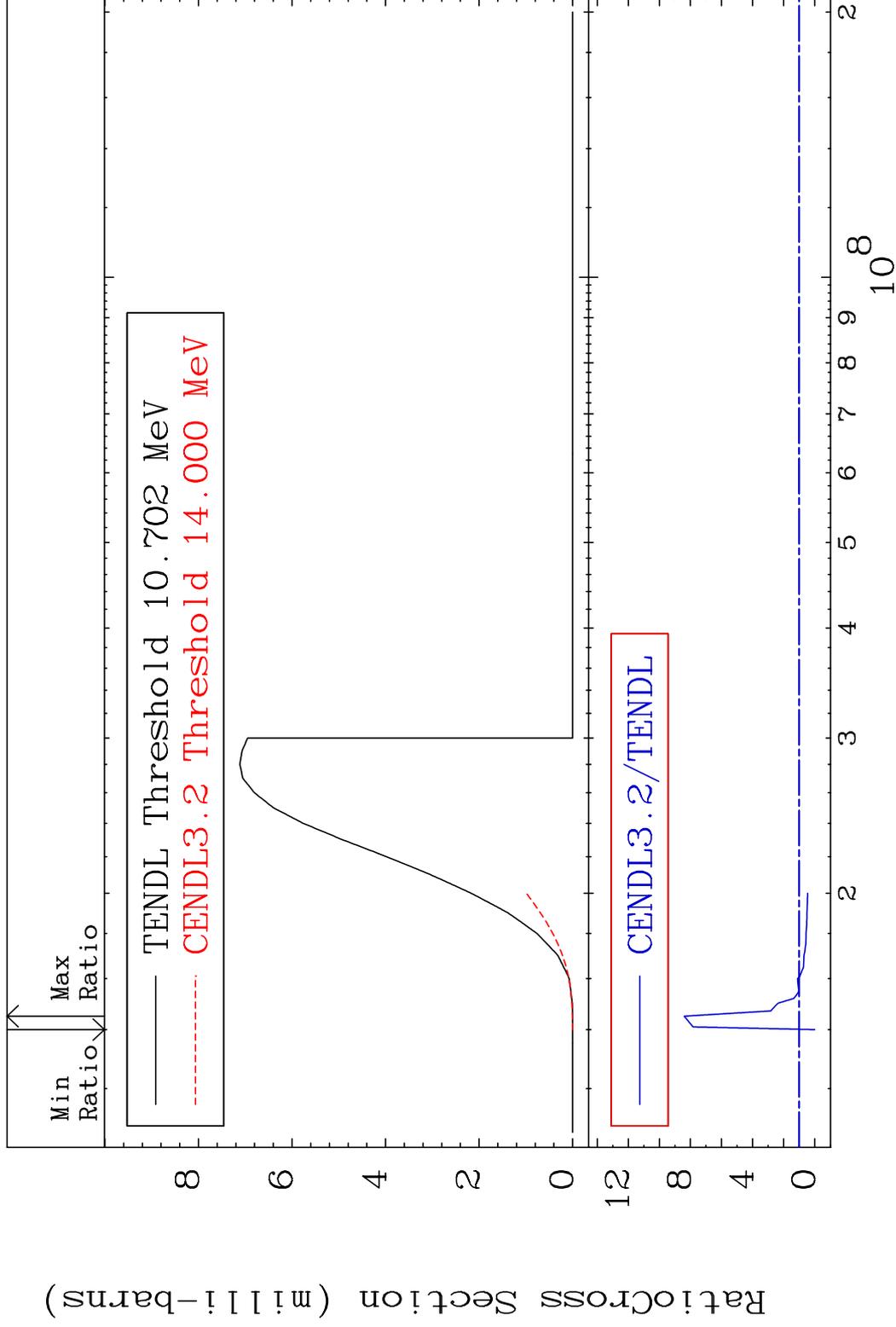
³²Ge-72

MAT 3231

(n, t)

32-Ge-72

Cross Section -100.0 To 740.7 %

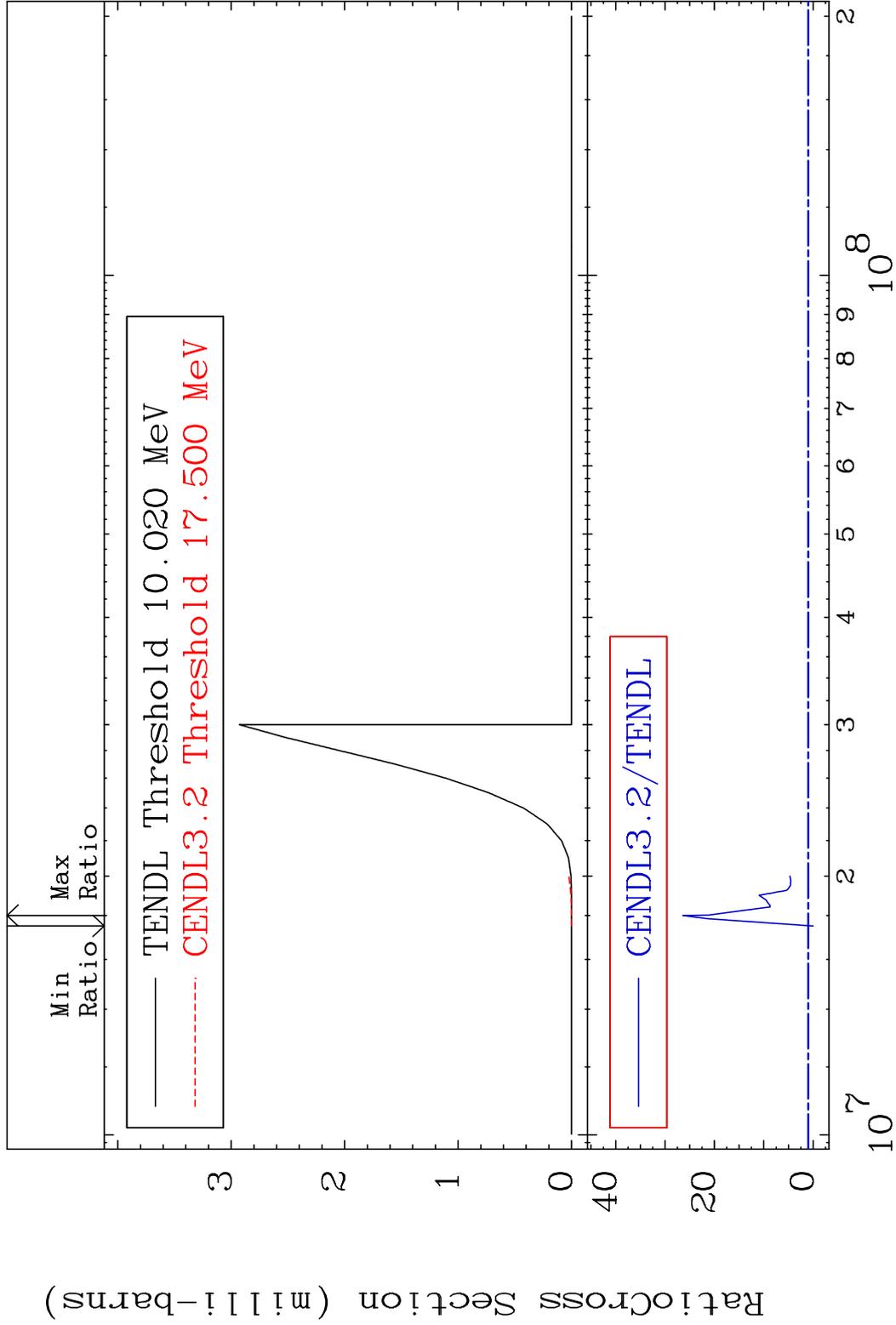


MAT 3231

(n, He-3)

32-Ge-72

Cross Section -100.0 To 2540. %



42

Incident Energy (eV)

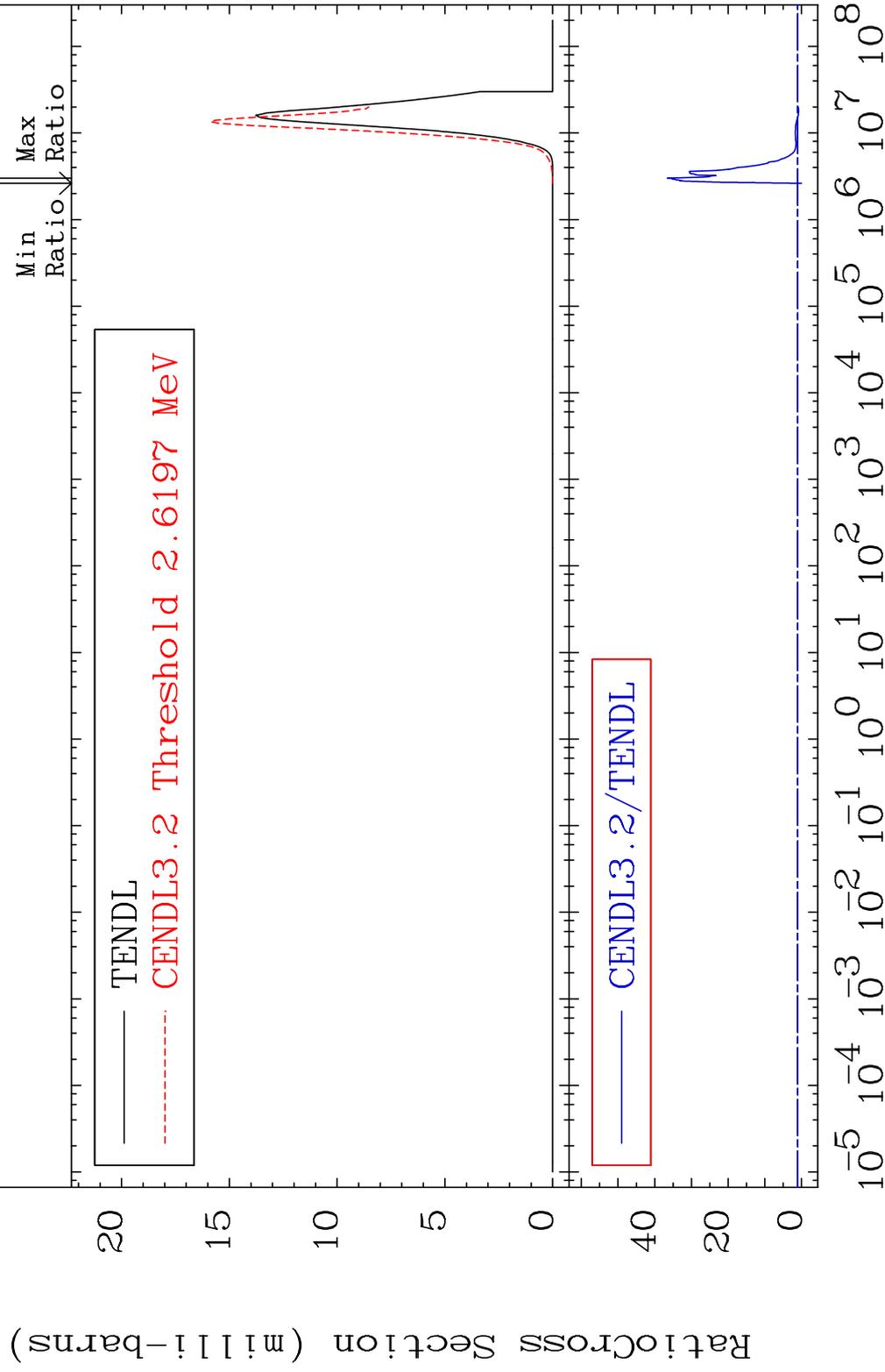
32-Ge-72

MAT 3231

(n, α)

32-Ge-72

Cross Section -100.0 To 3558. %



43

Incident Energy (eV)

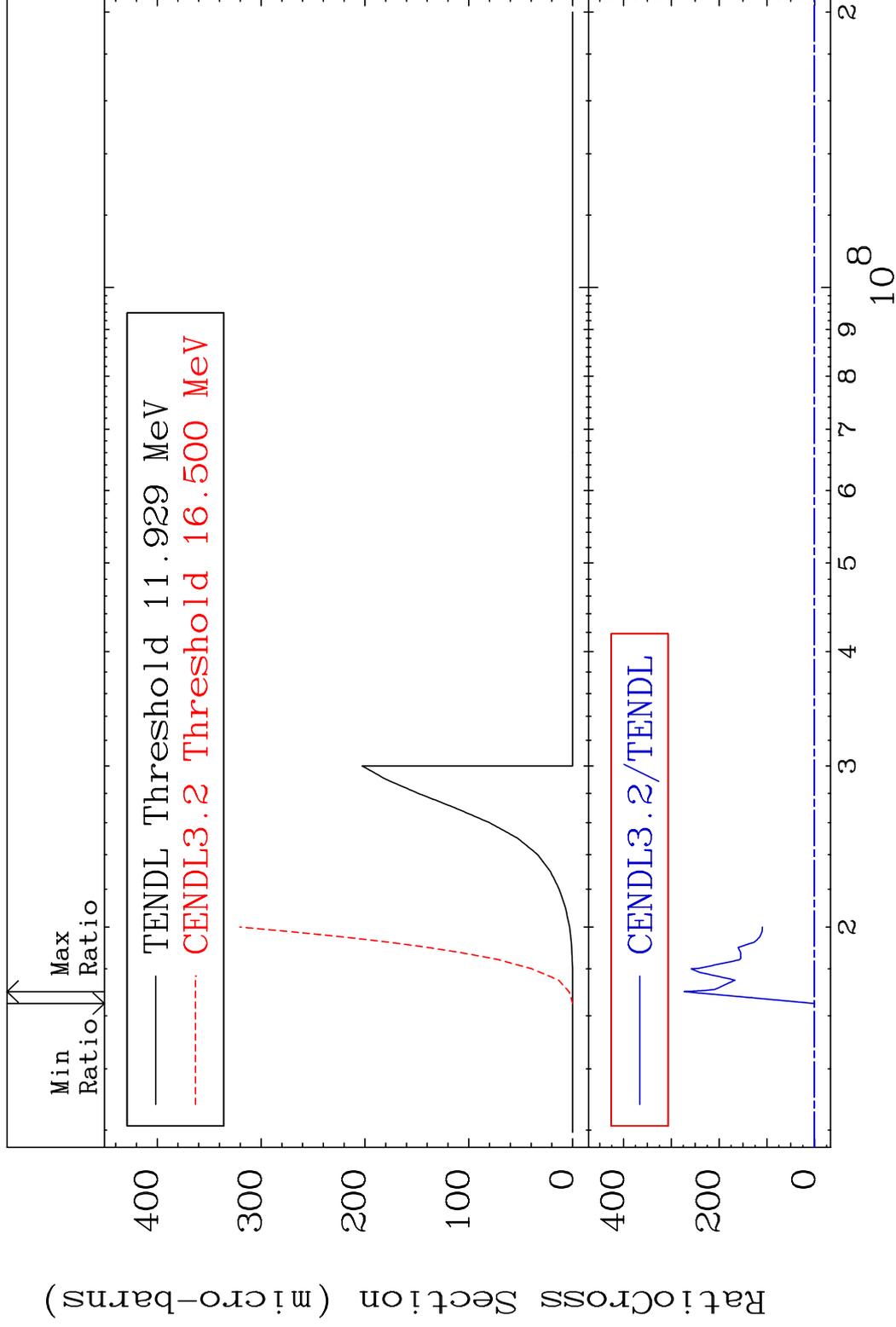
32-Ge-72

MAT 3231

(n,2p)

32-Ge-72

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

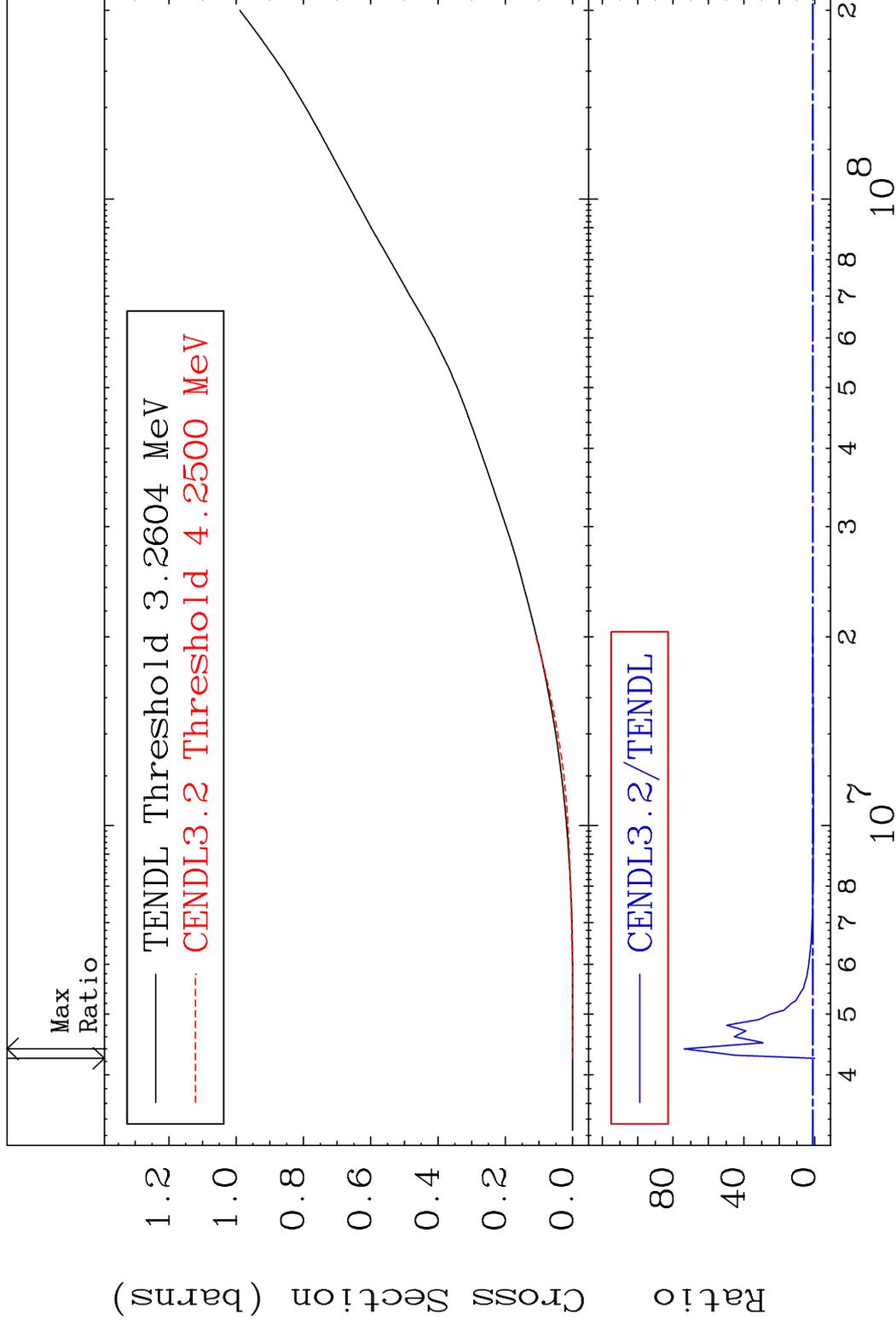
32-Ge-72

MAT 3231

Hydrogen Production

32-Ge-72

Cross Section -100.0 To 7274. %

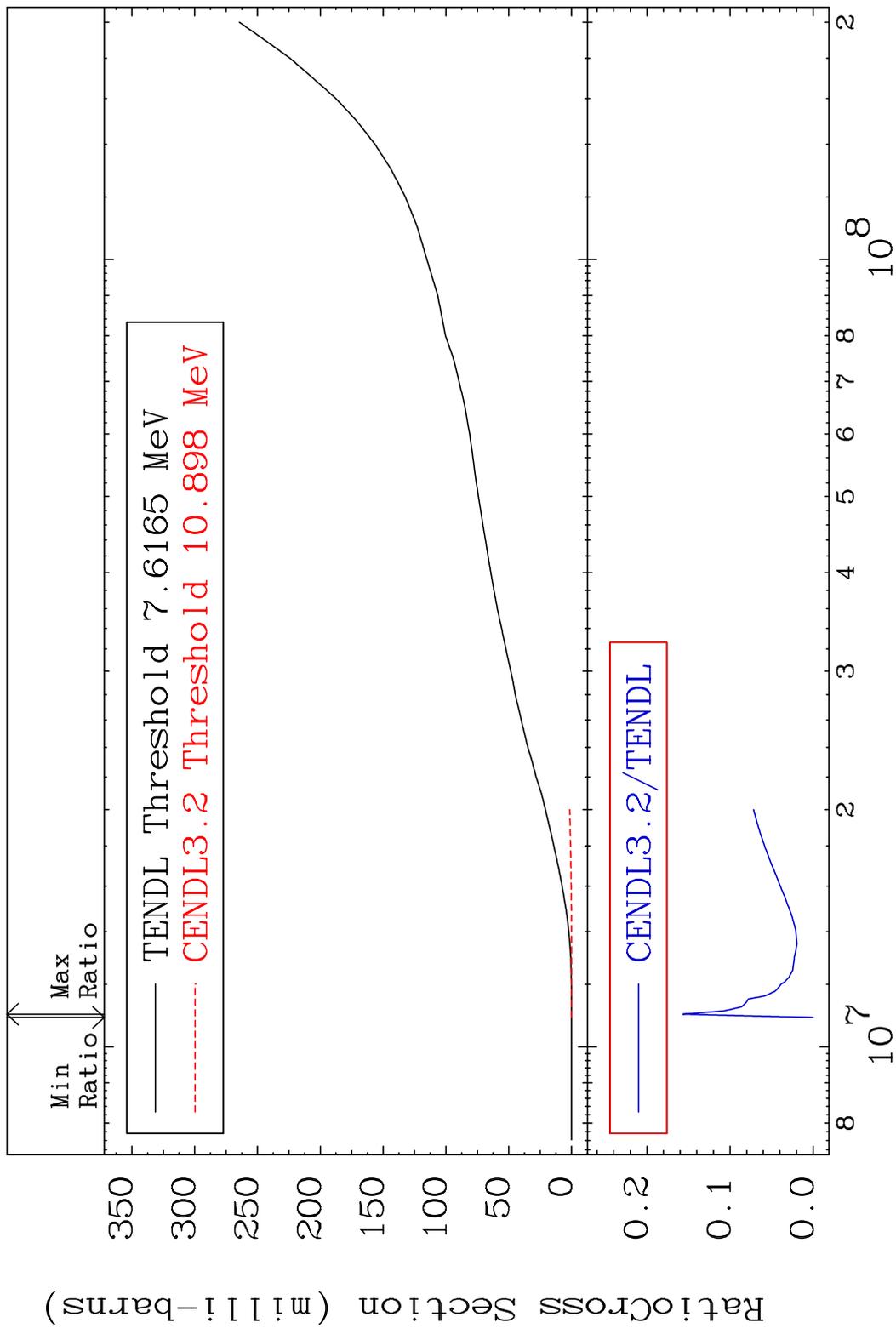


45

Incident Energy (eV)

32-Ge-72

MAT 3231 Deuterium Production 32-Ge-72
 Cross Section -100.0 To -84.32%

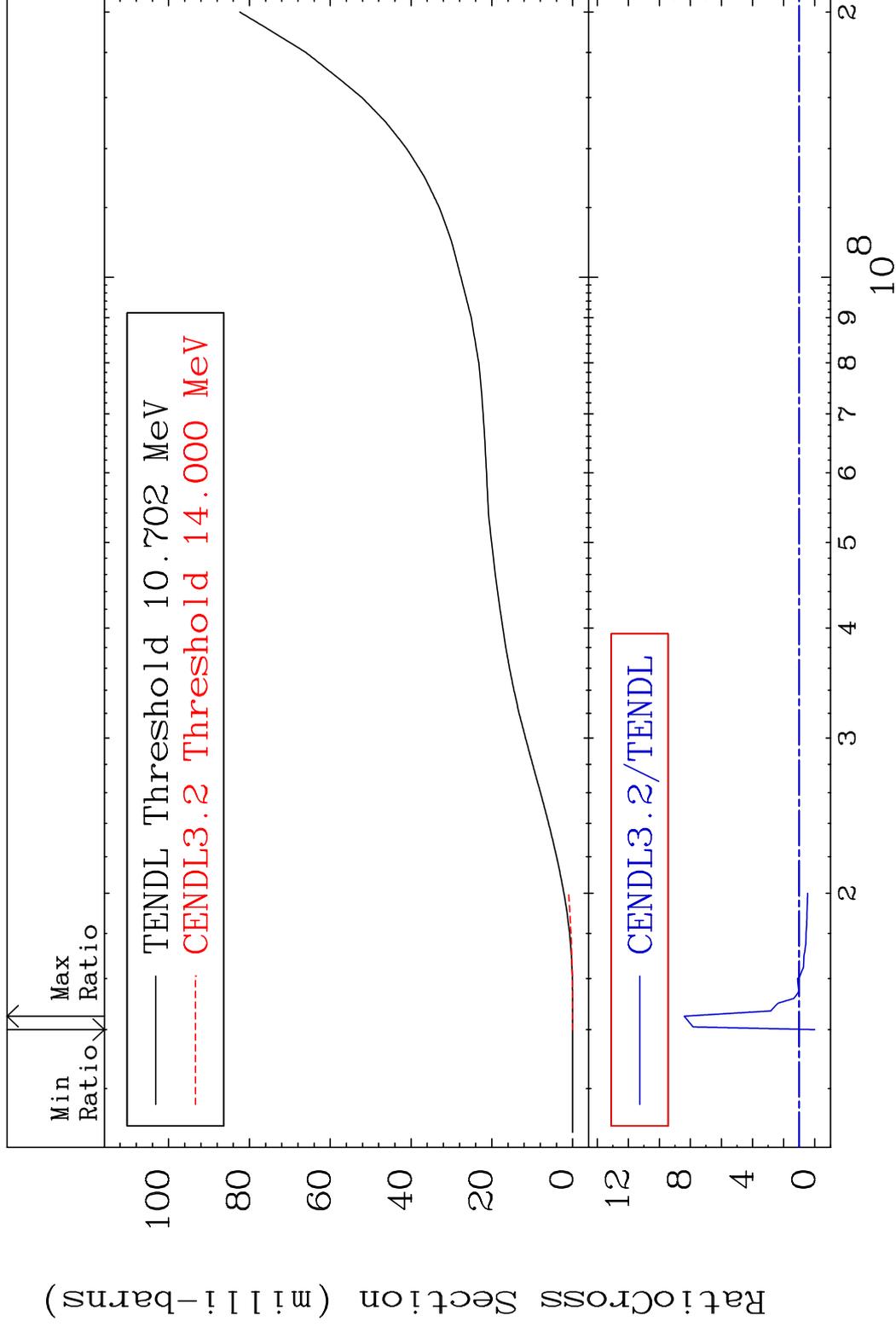


MAT 3231

Tritium Production

³²Ge-72

Cross Section -100.0 To 740.7 %



47

Incident Energy (eV)

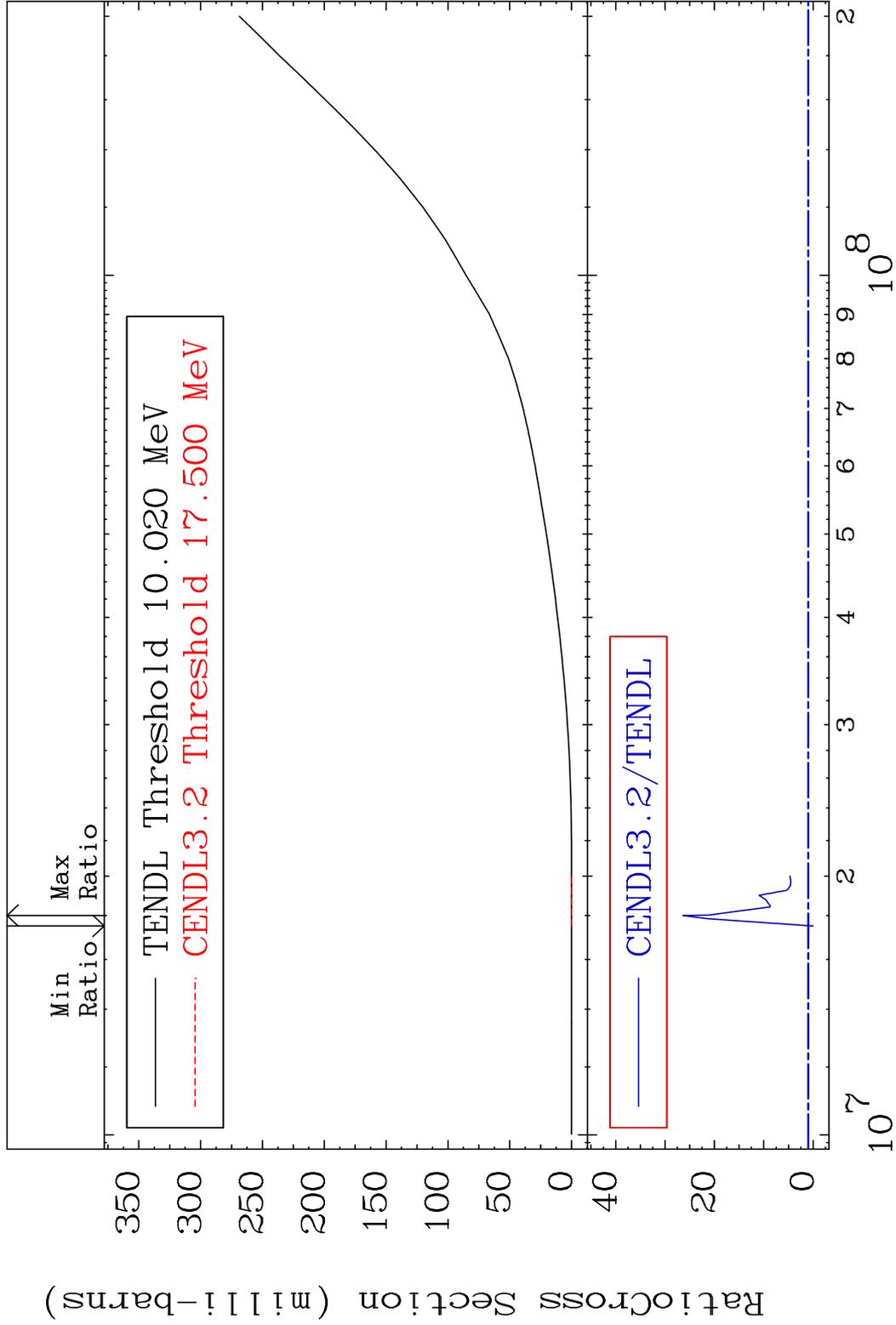
³²Ge-72

MAT 3231

He-3 Production

32-Ge-72

Cross Section -100.0 To 2540. %



48

Incident Energy (eV)

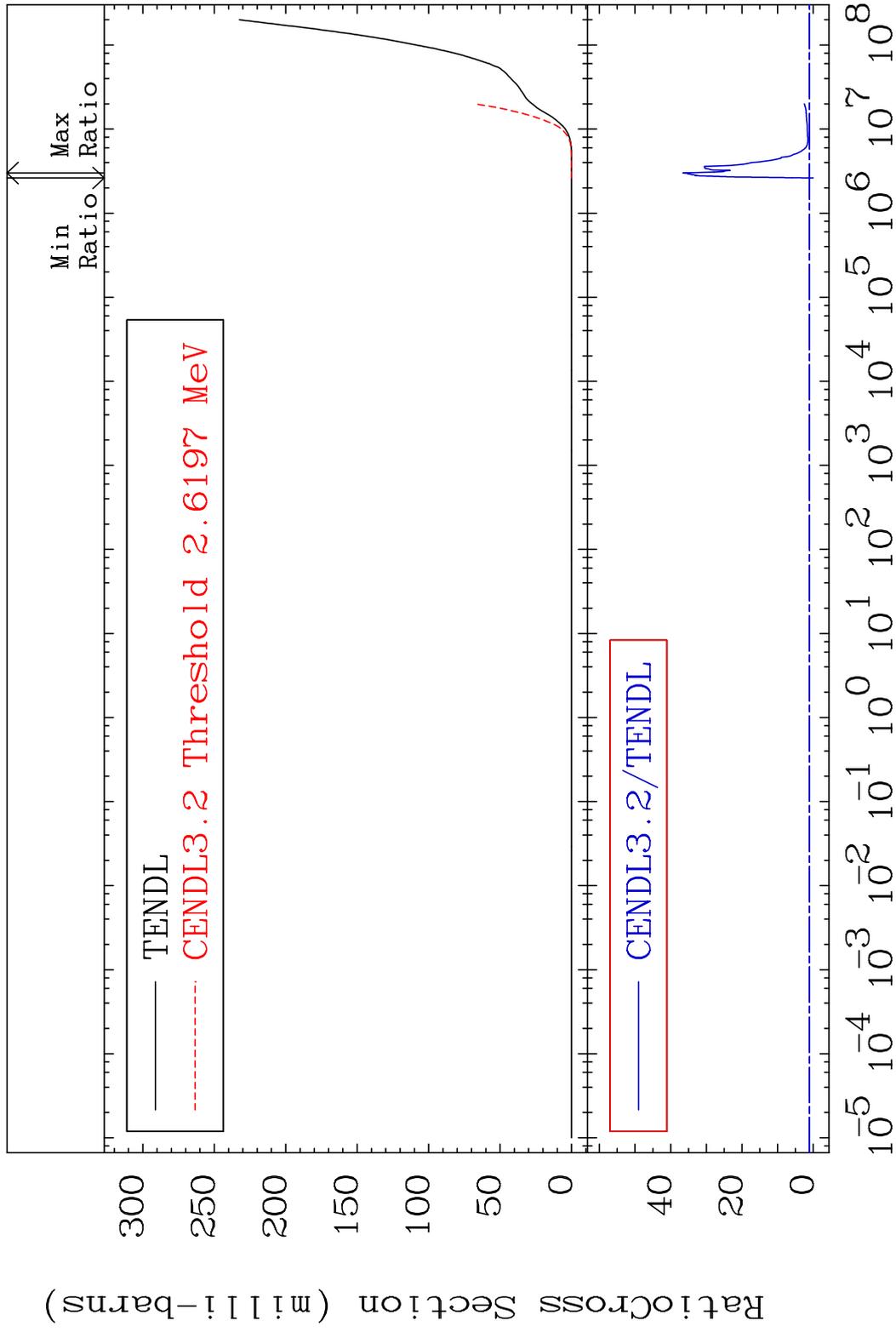
32-Ge-72

MAT 3231

He-4 Production

32-Ge-72

Cross Section -100.0 To 3558. %

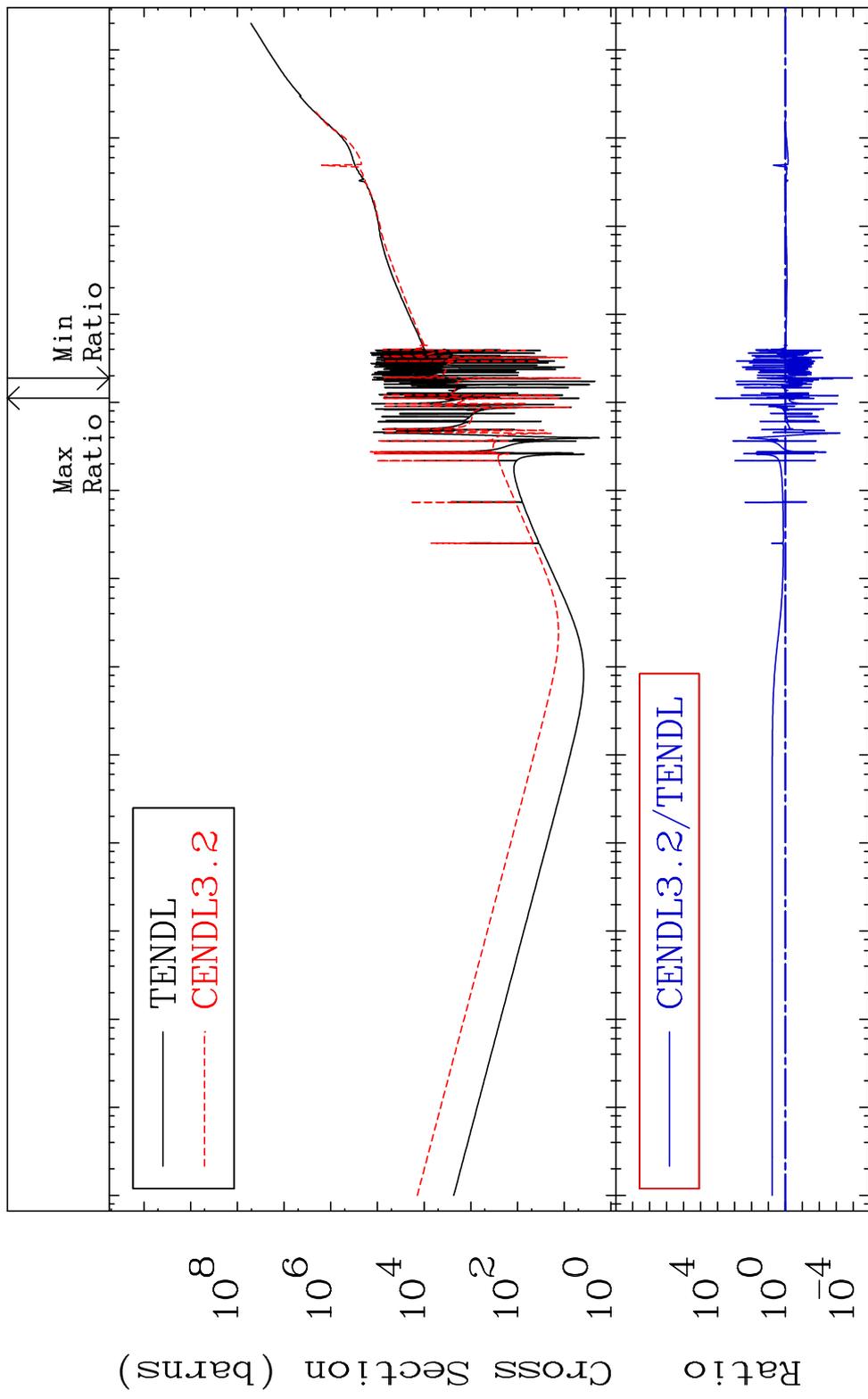


49

Incident Energy (eV)

32-Ge-72

MAT 3231 Kerma total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %

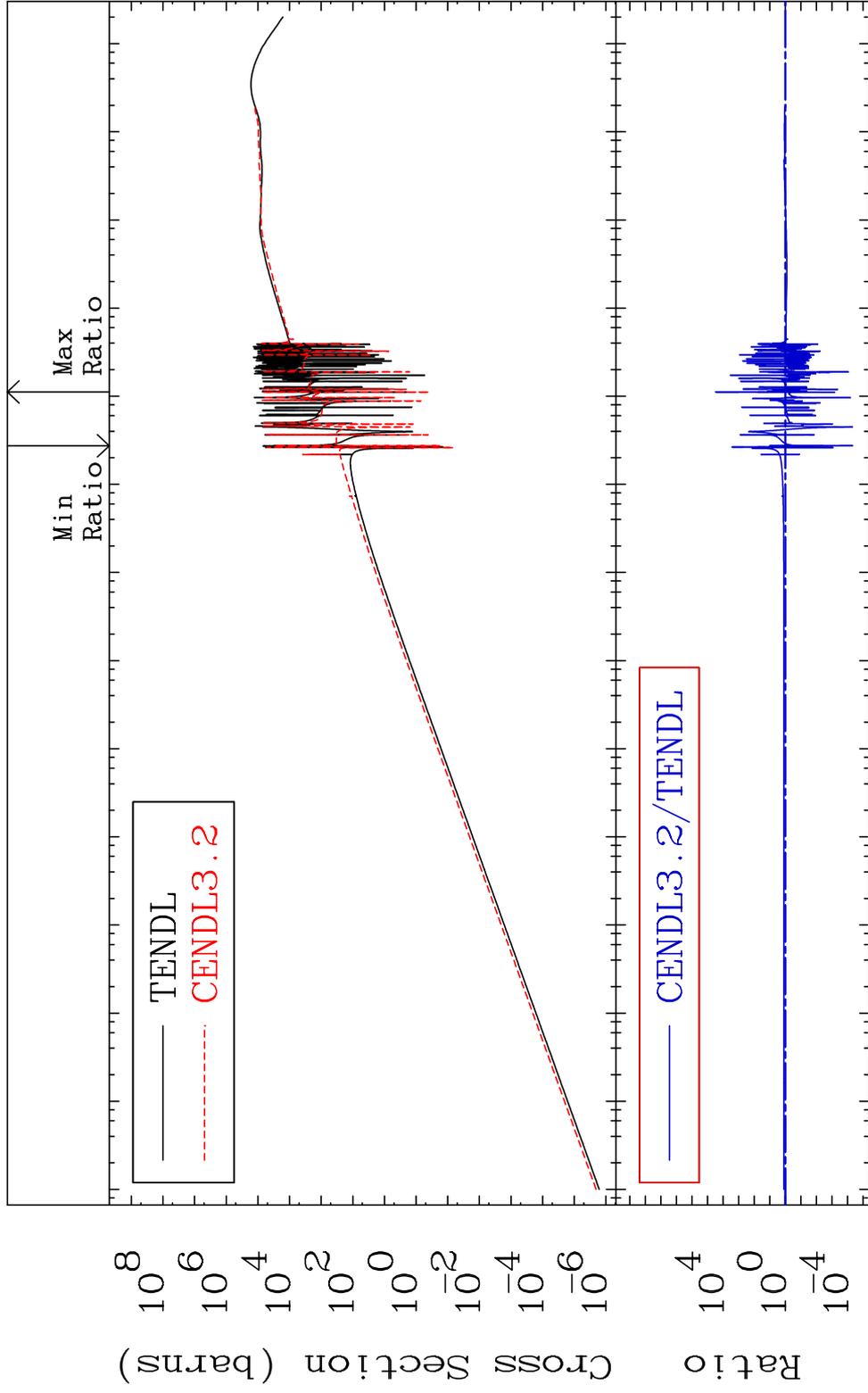


50 Incident Energy (eV) 32-Ge-72

MAT 3231

Kerma elastic
Cross Section

32-Ge-72
-100.0 To 9999. %

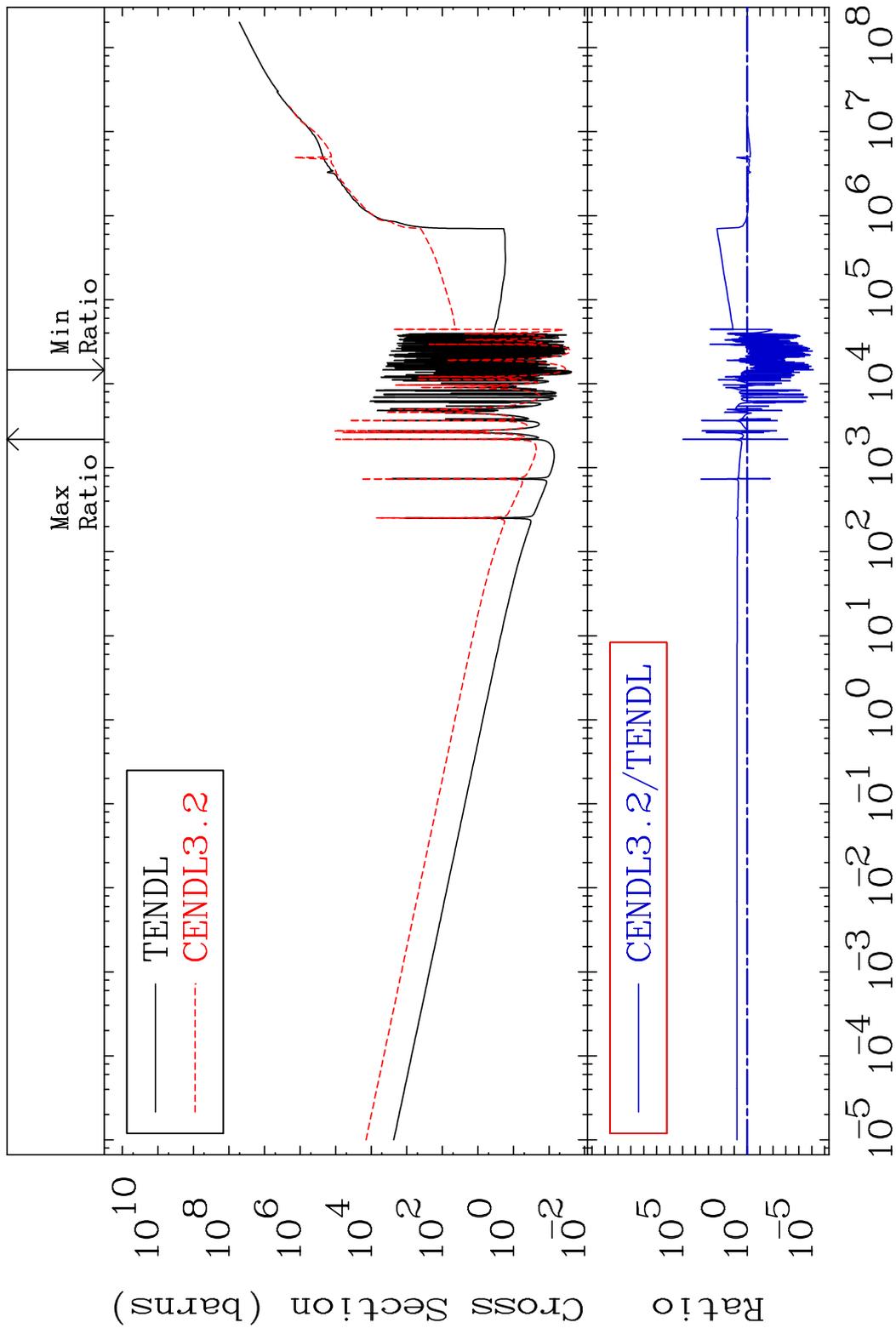


51

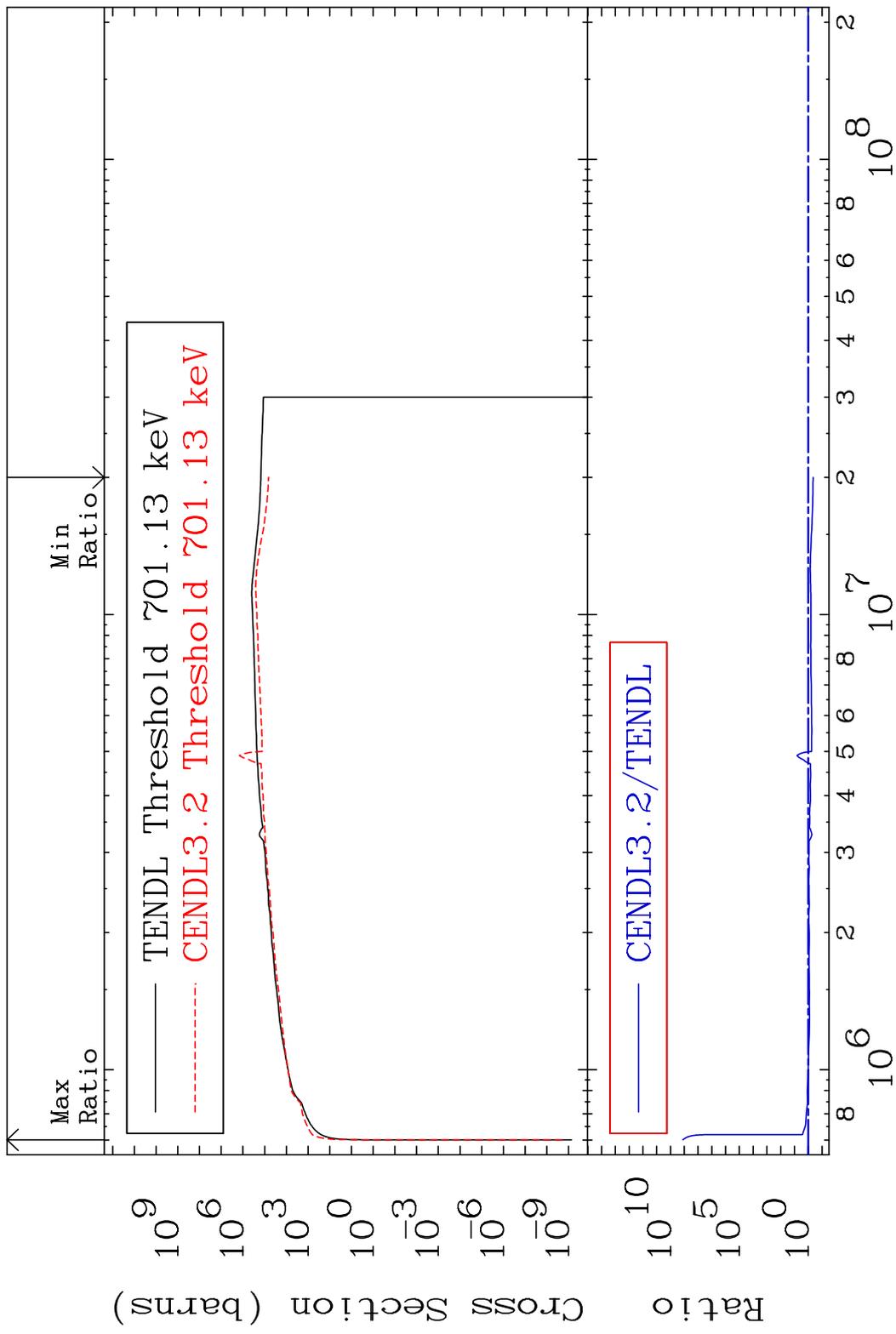
Incident Energy (eV)

32-Ge-72

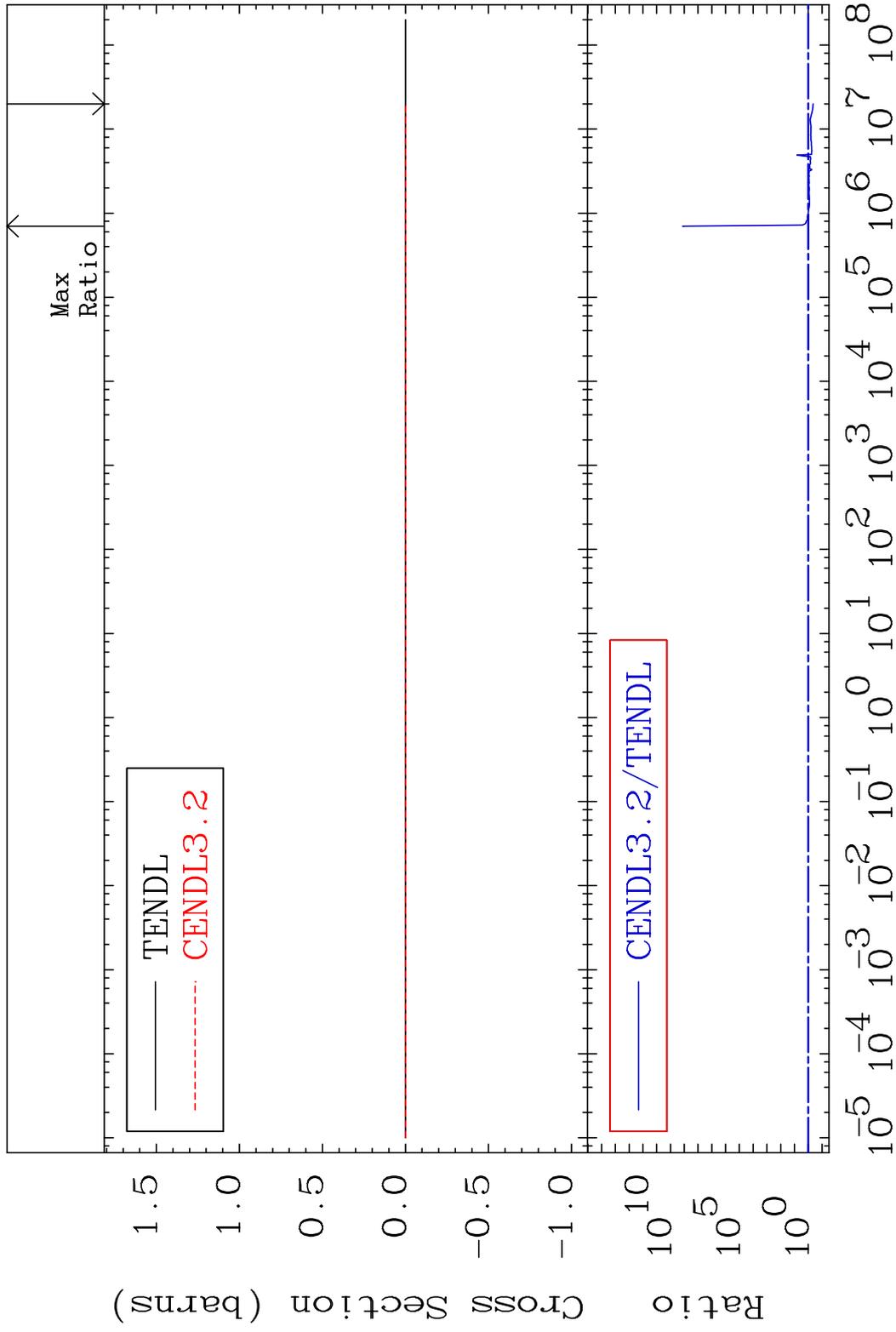
MAT 3231 Kerma non-elastic (all but mt2) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Kerma inelastic (mt51-91) 32-Ge-72
 Cross Section -56.07 To 9999. %

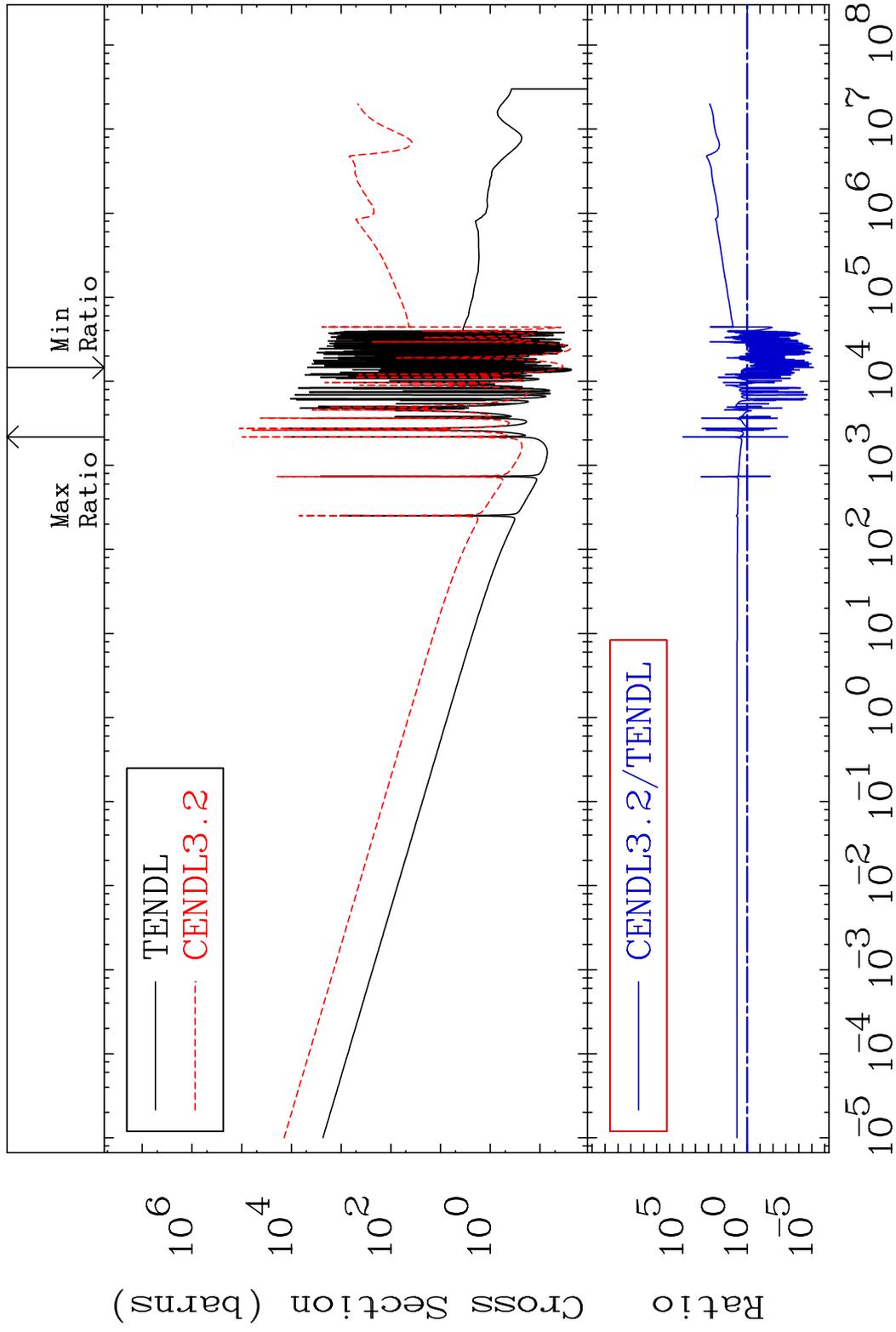


MAT 3231 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-72
 Cross Section -56.07 To 9999. %



MAT 3231

Kerma capture (mt102) 32-Ge-72
Cross Section -100.0 To 9999. %

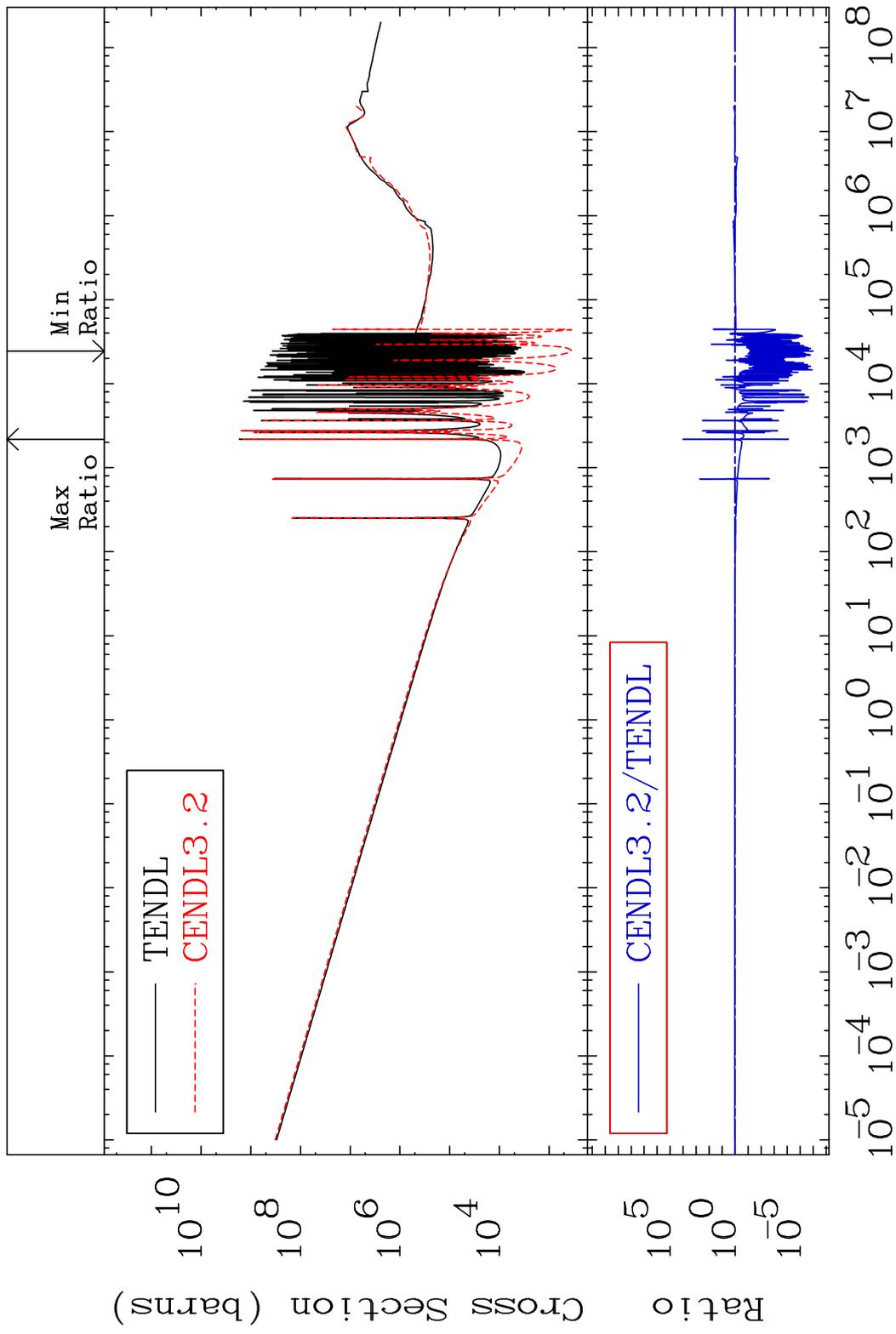


55

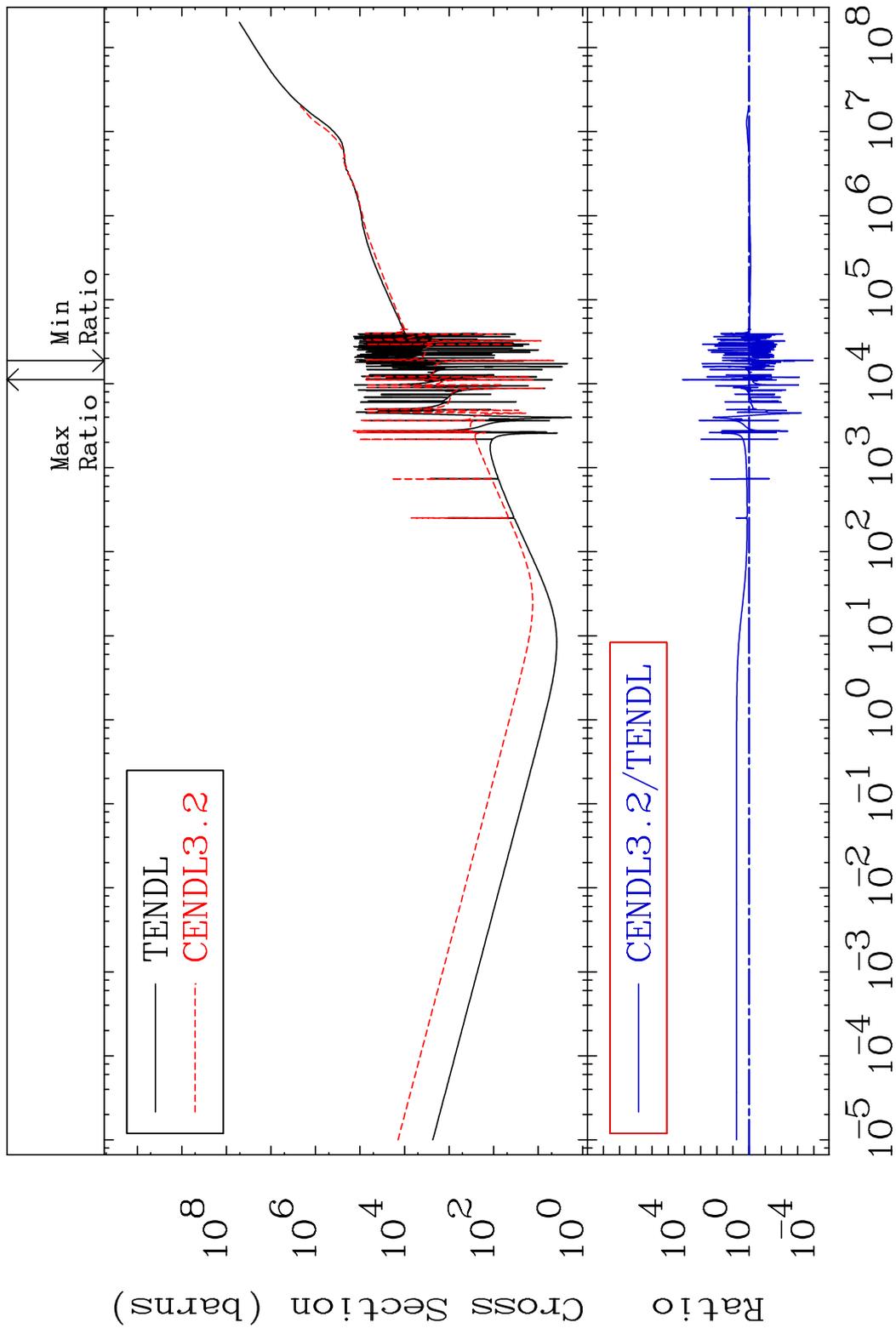
Incident Energy (eV)

32-Ge-72

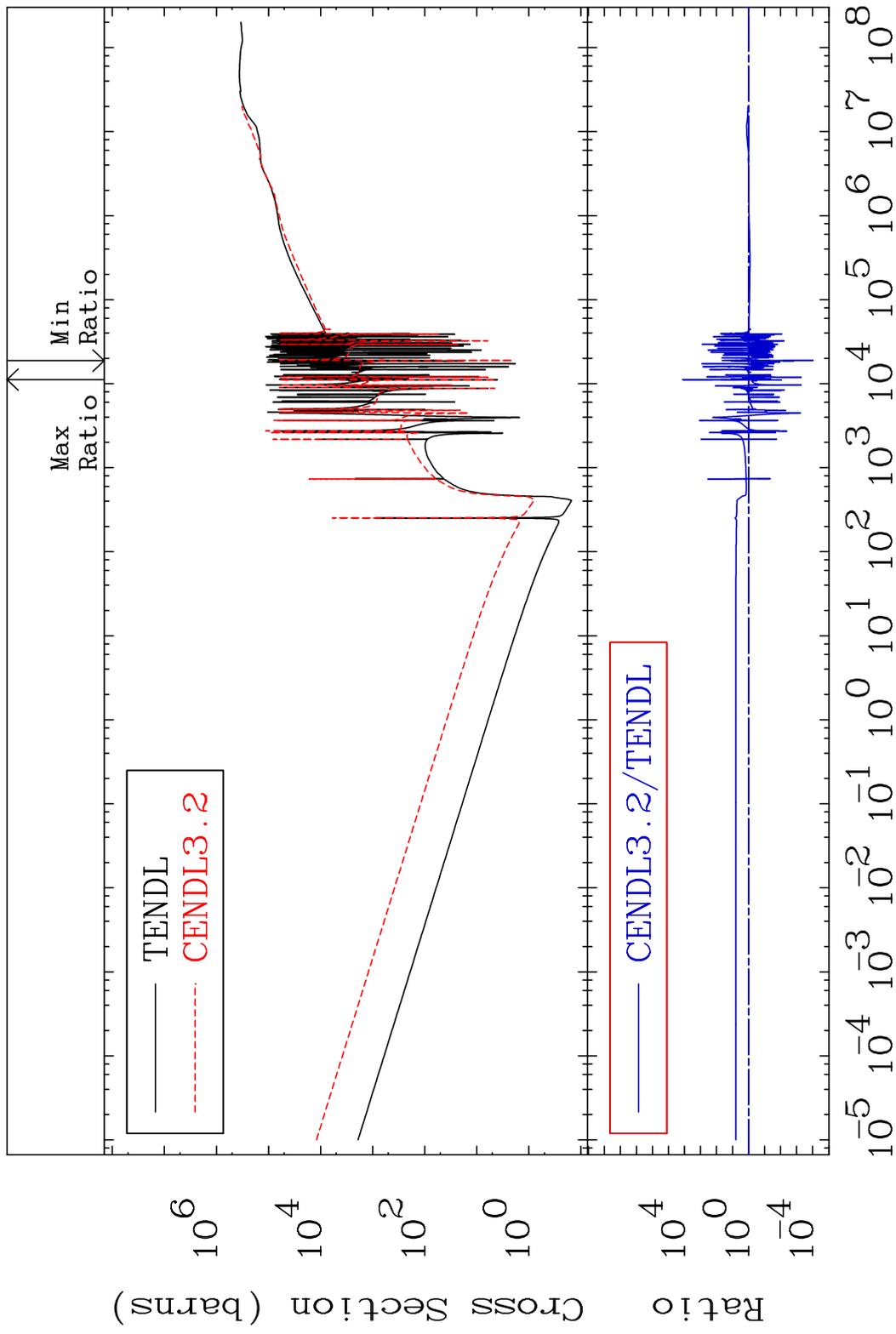
MAT 3231 Total photon (eV-barns) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Total kinematic kerma (high limit) 32-Ge-72
 Cross Section -99.99 To 9999. %



MAT 3231 Dpa total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %

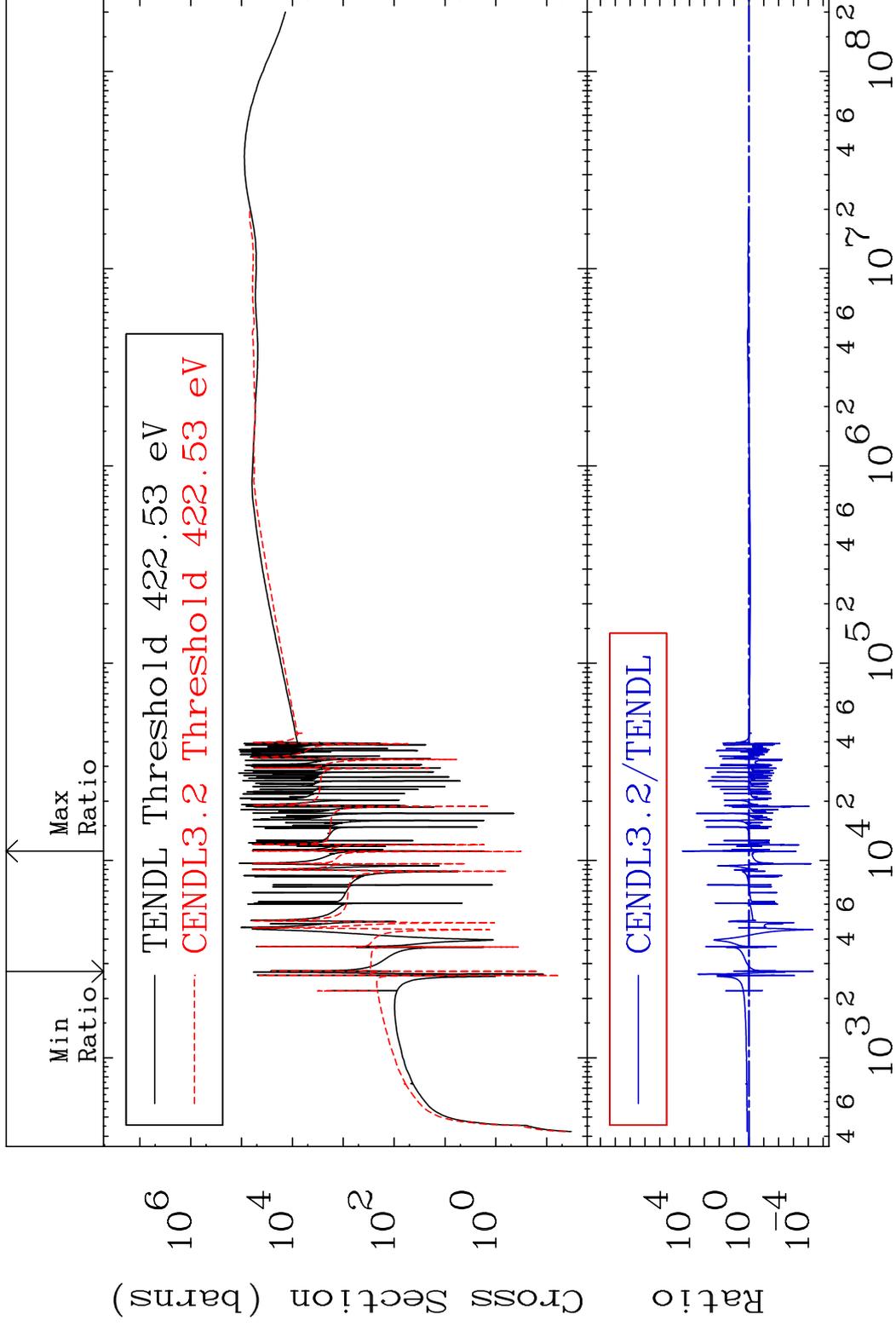


MAT 3231

Dpa elastic (mt2)

32-Ge-72

Cross Section -100.0 To 9999. %

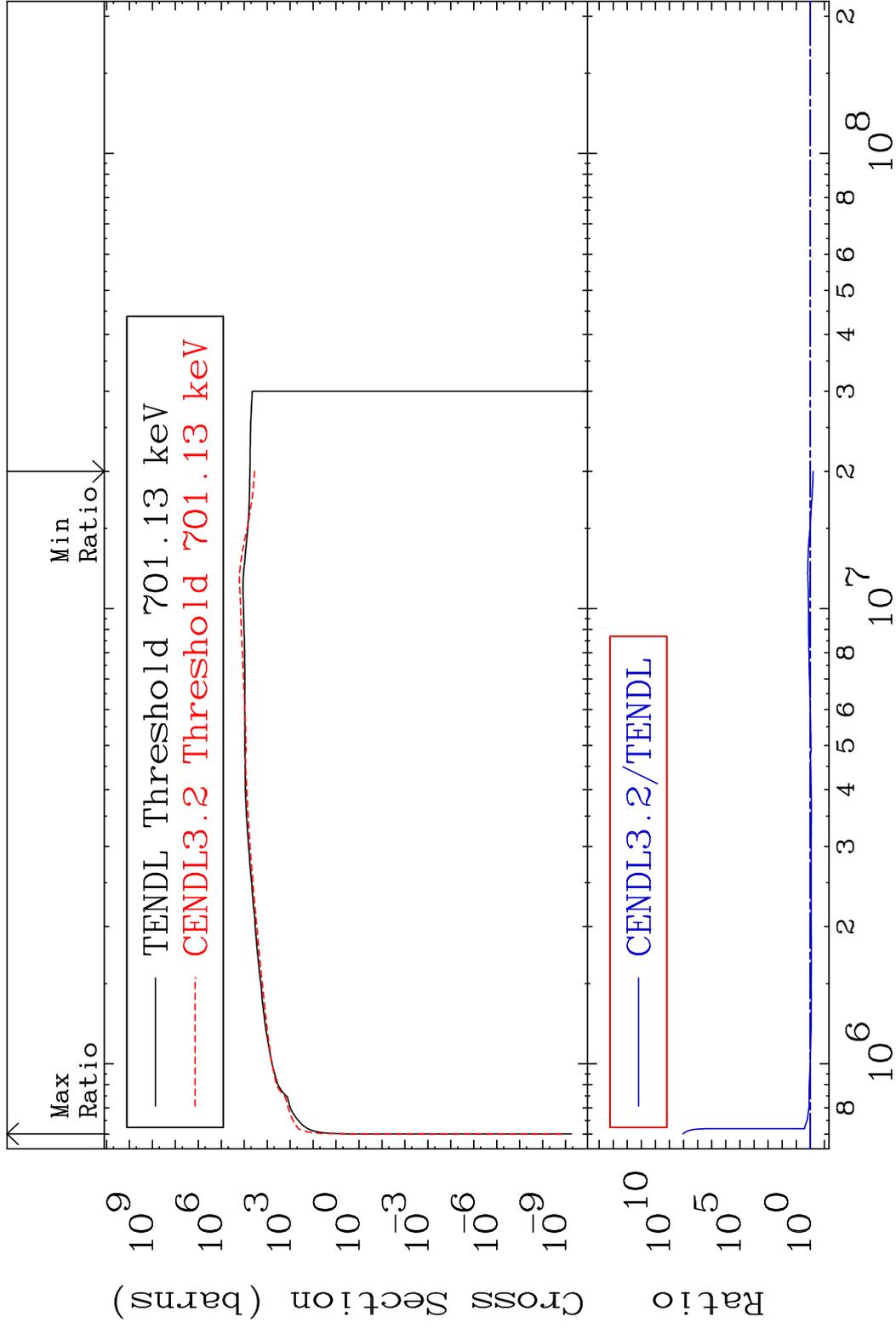


59

Incident Energy (eV)

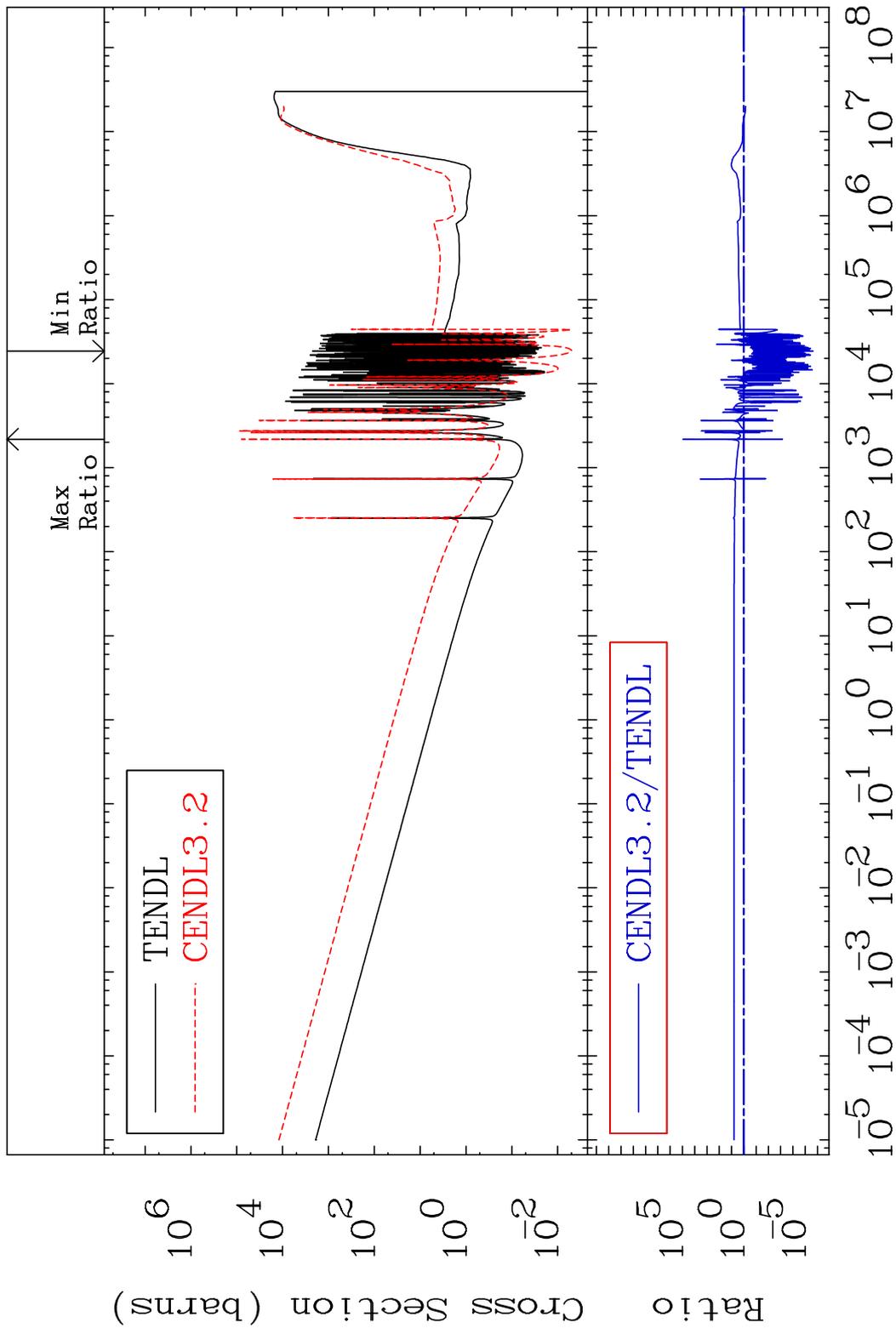
32-Ge-72

MAT 3231 Dpa inelastic (mt51-91) 32-Ge-72
 Cross Section -37.26 To 9999. %

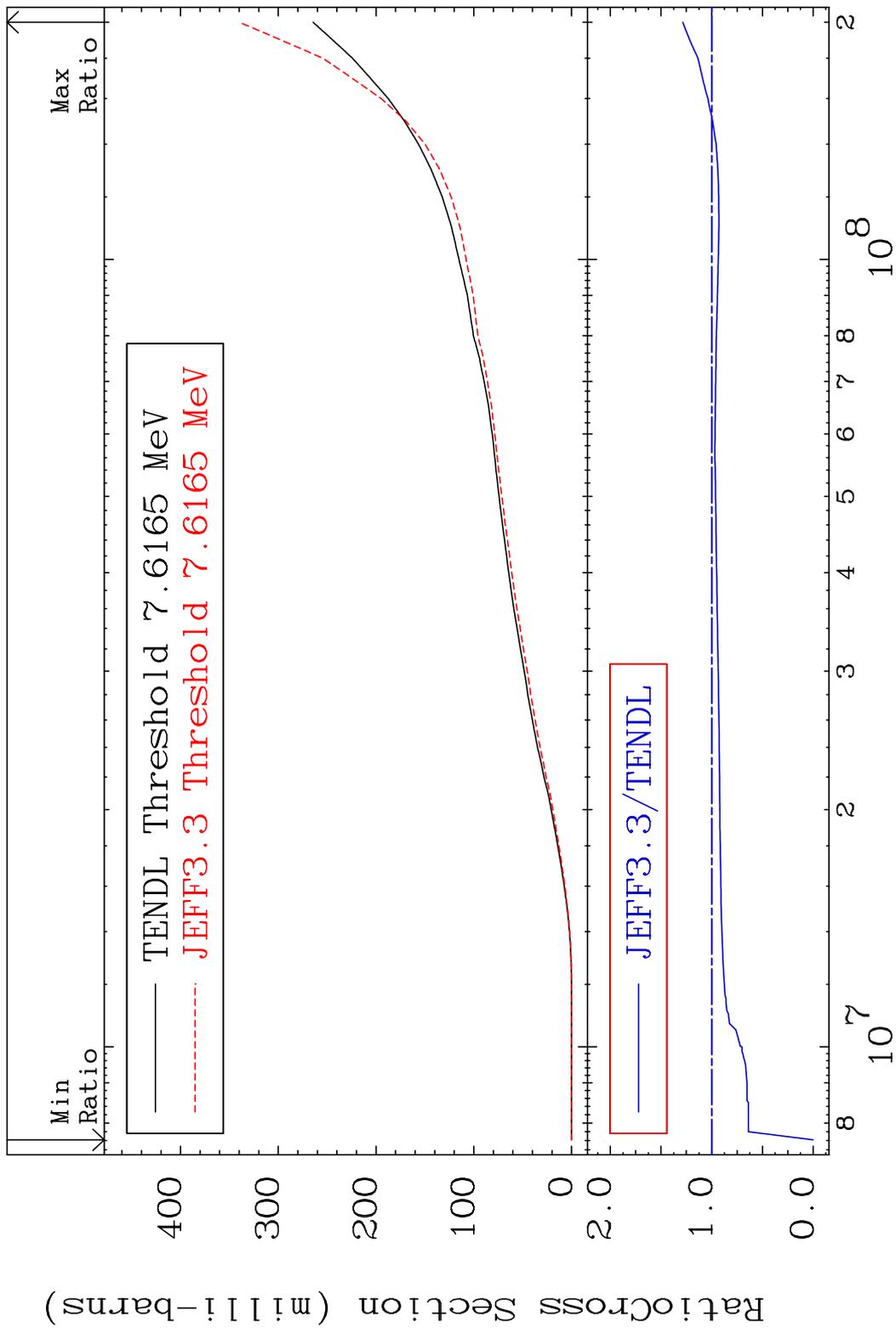


60 Incident Energy (eV) 32-Ge-72

MAT 3231 Dpa disappearance (mt102 -120) 32-Ge-72
 Cross Section -100.0 To 9999. %

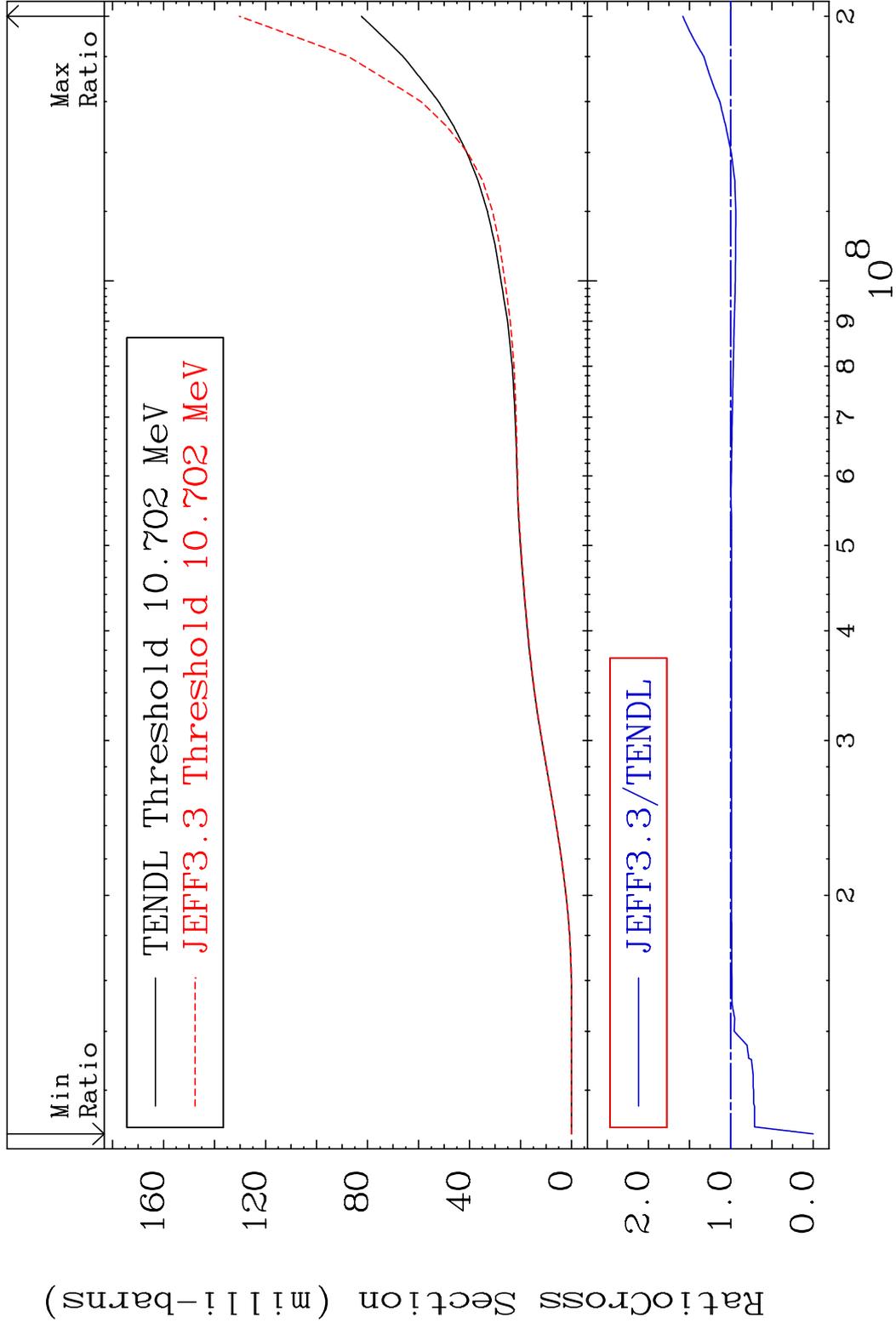


MAT 3231 Deuterium Production 32-Ge-72
 Cross Section -100.0 To 28.51 %



62 Incident Energy (eV) 32-Ge-72

MAT 3231 Tritium Production 32-Ge-72
 Cross Section -100.0 To 58.13 %

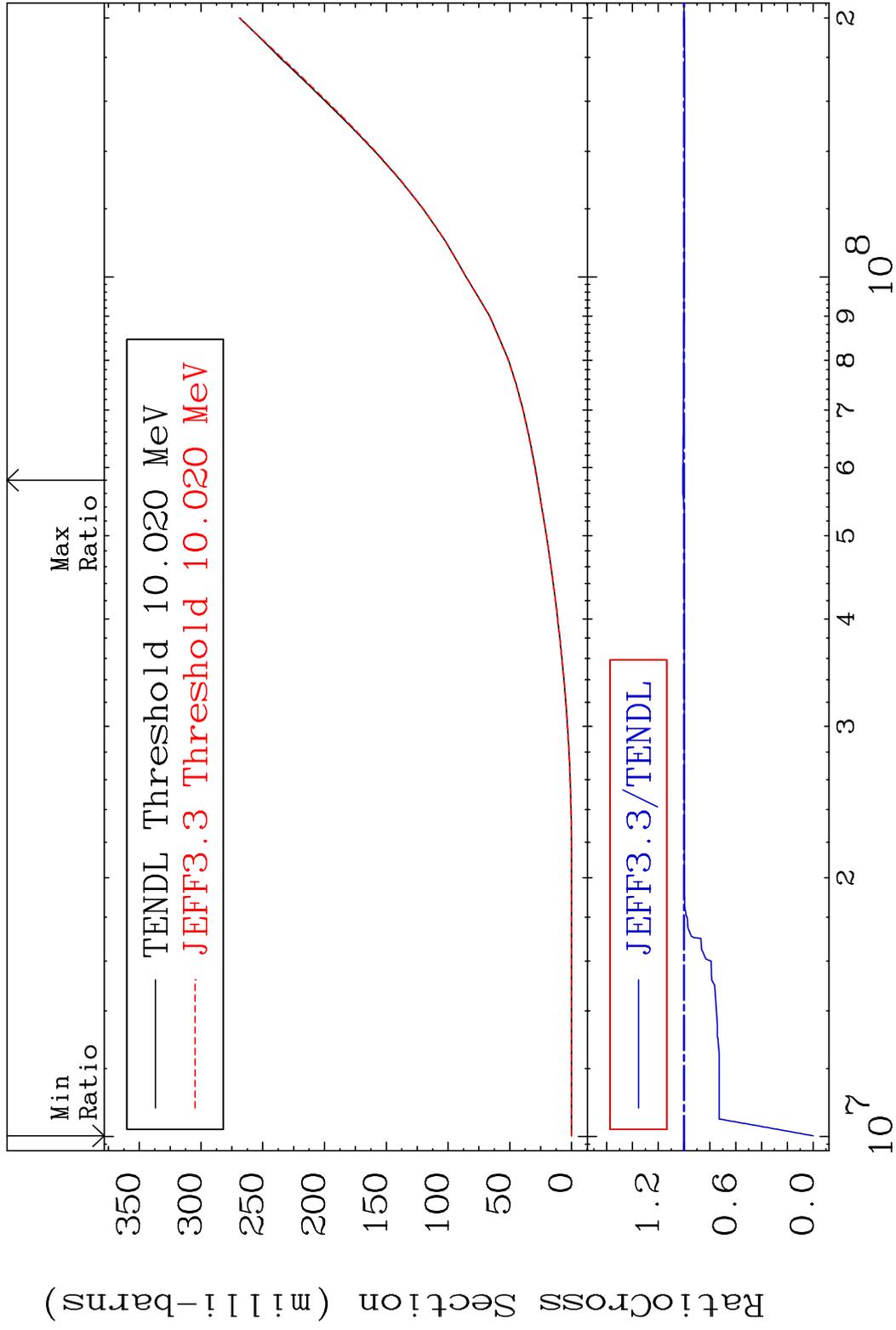


MAT 3231

He-3 Production

32-Ge-72

Cross Section -100.0 To 0.982 %



64

Incident Energy (eV)

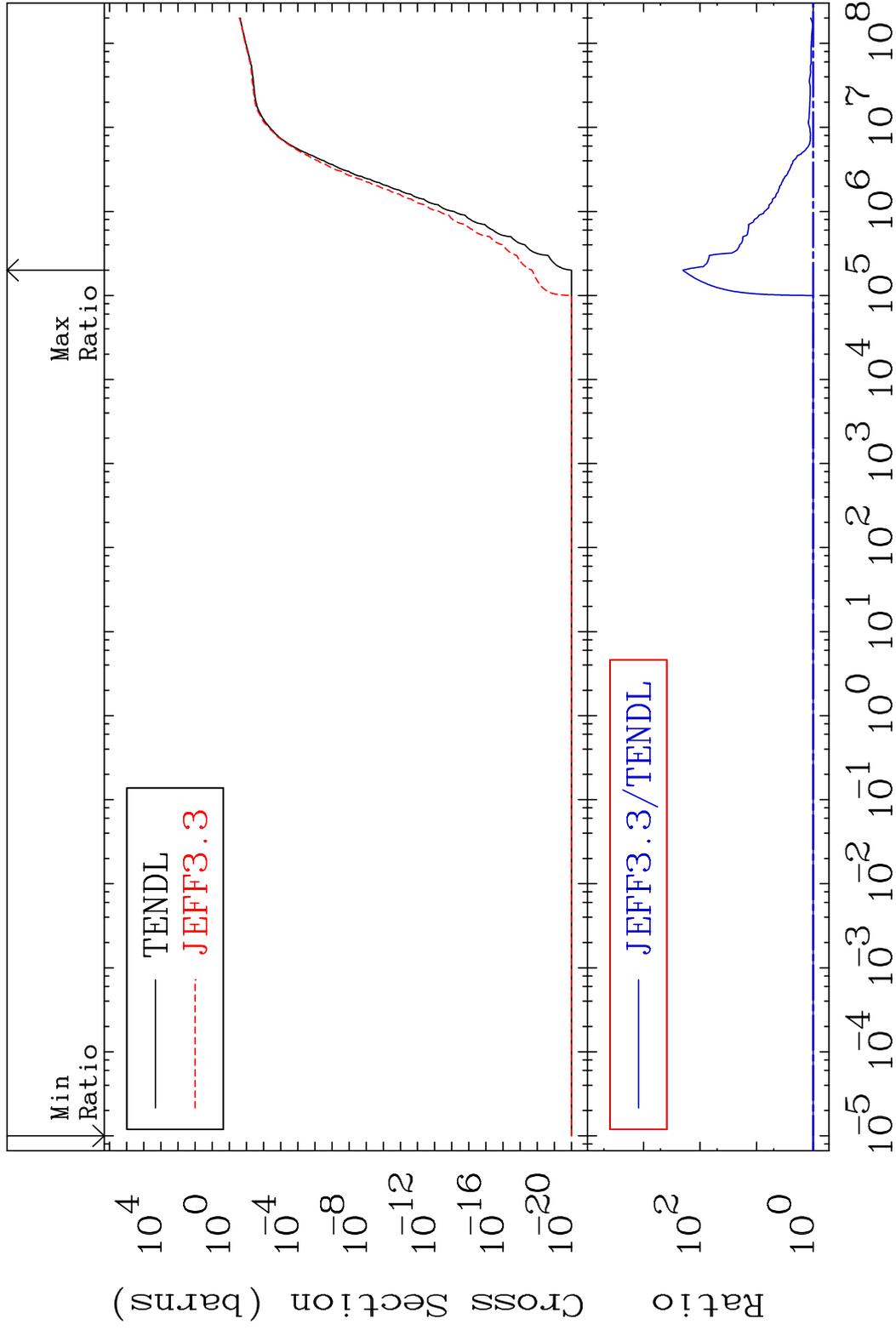
32-Ge-72

MAT 3231

He-4 Production

32-Ge-72

Cross Section 0.000 To 9999. %

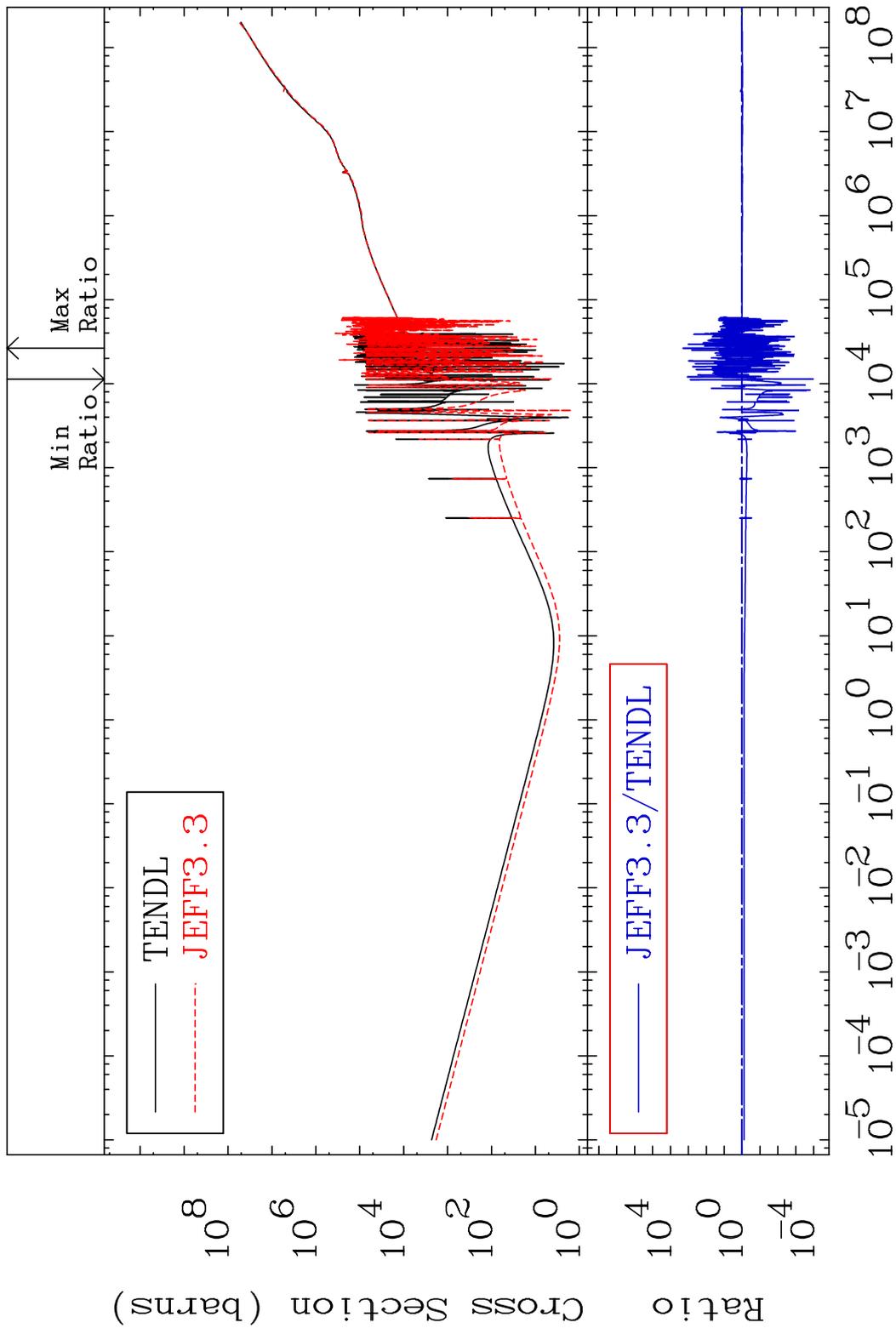


65

Incident Energy (eV)

32-Ge-72

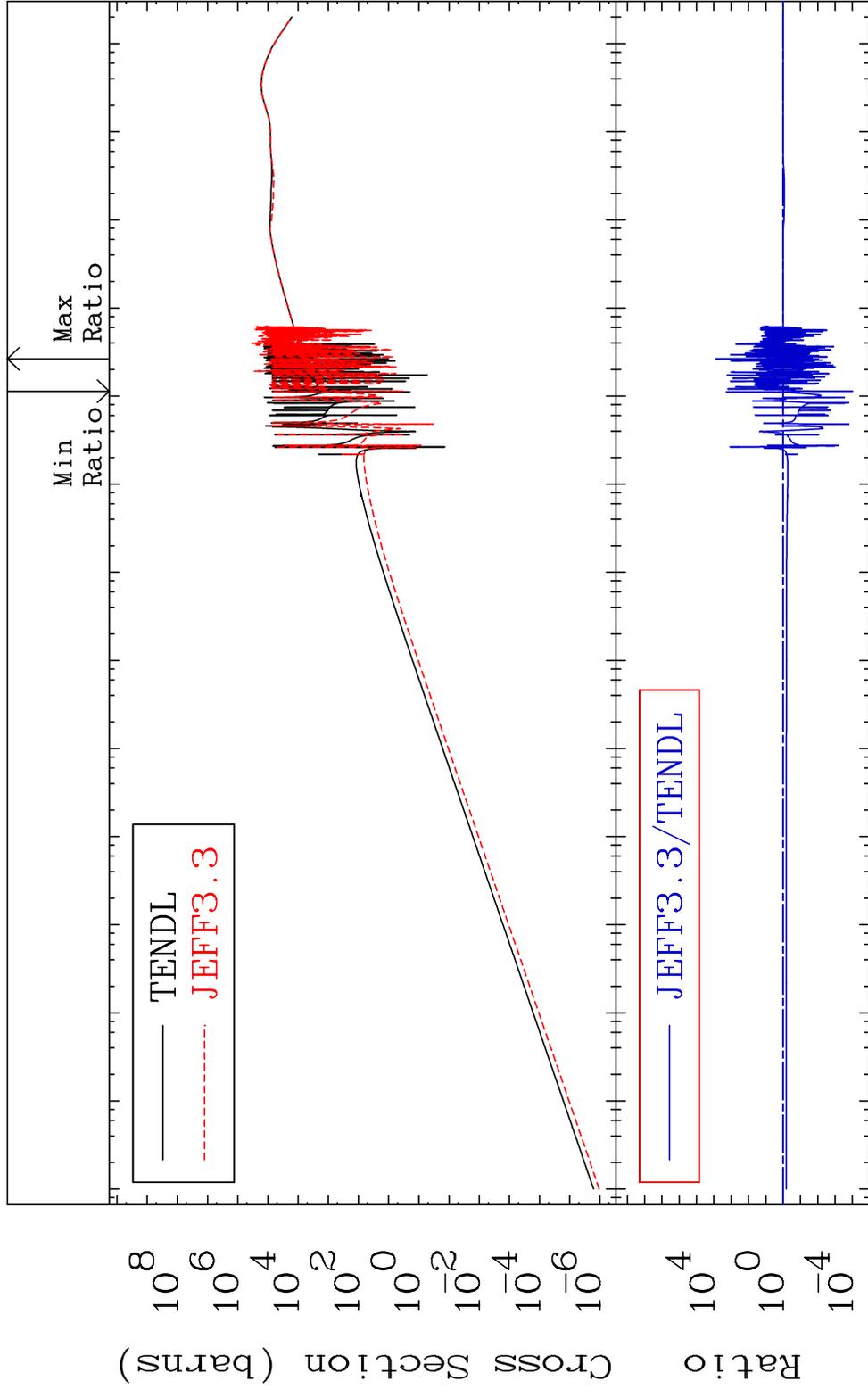
MAT 3231 Kerma total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %



MAT 3231

Kerma elastic
Cross Section

32-Ge-72
-99.99 To 9999. %

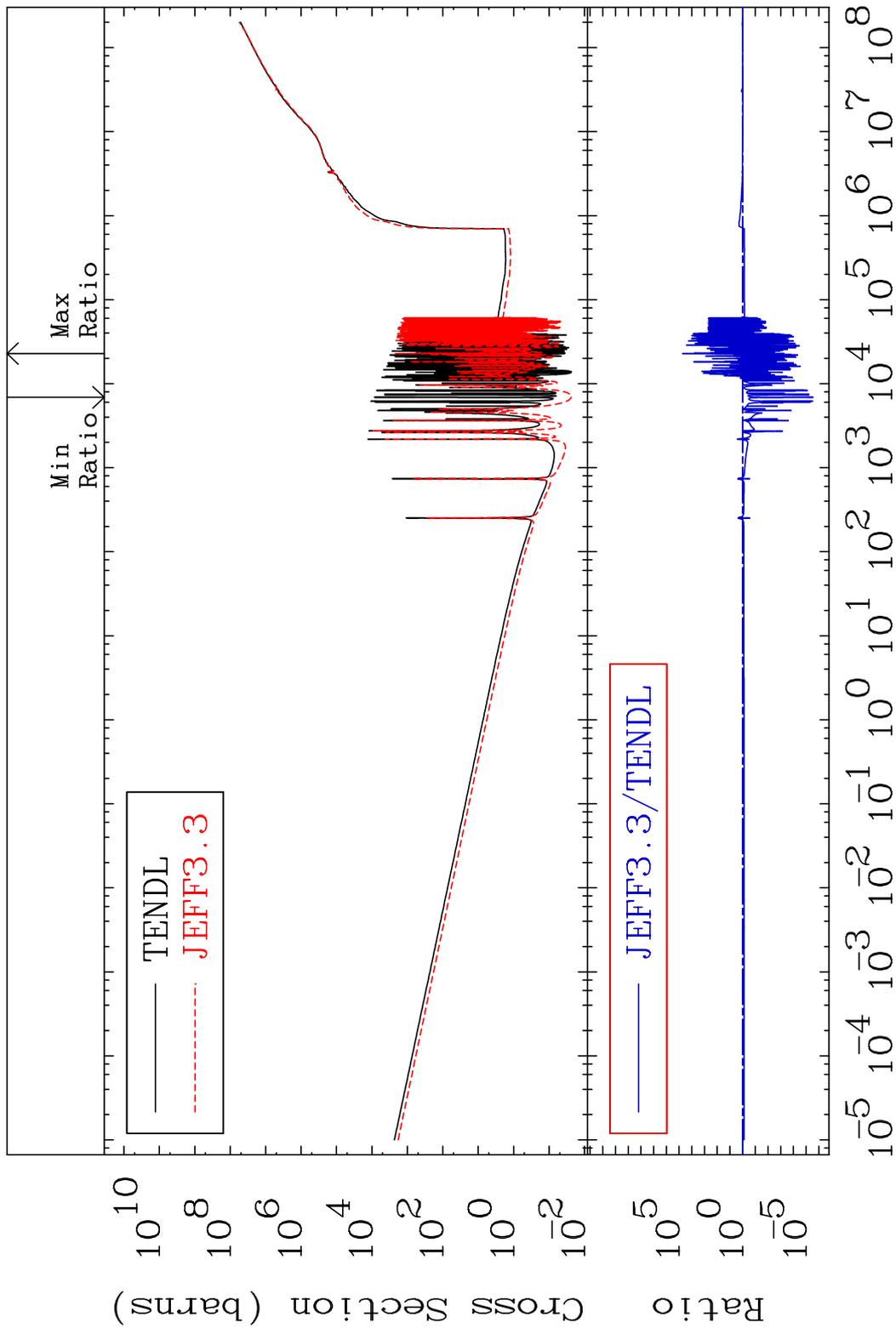


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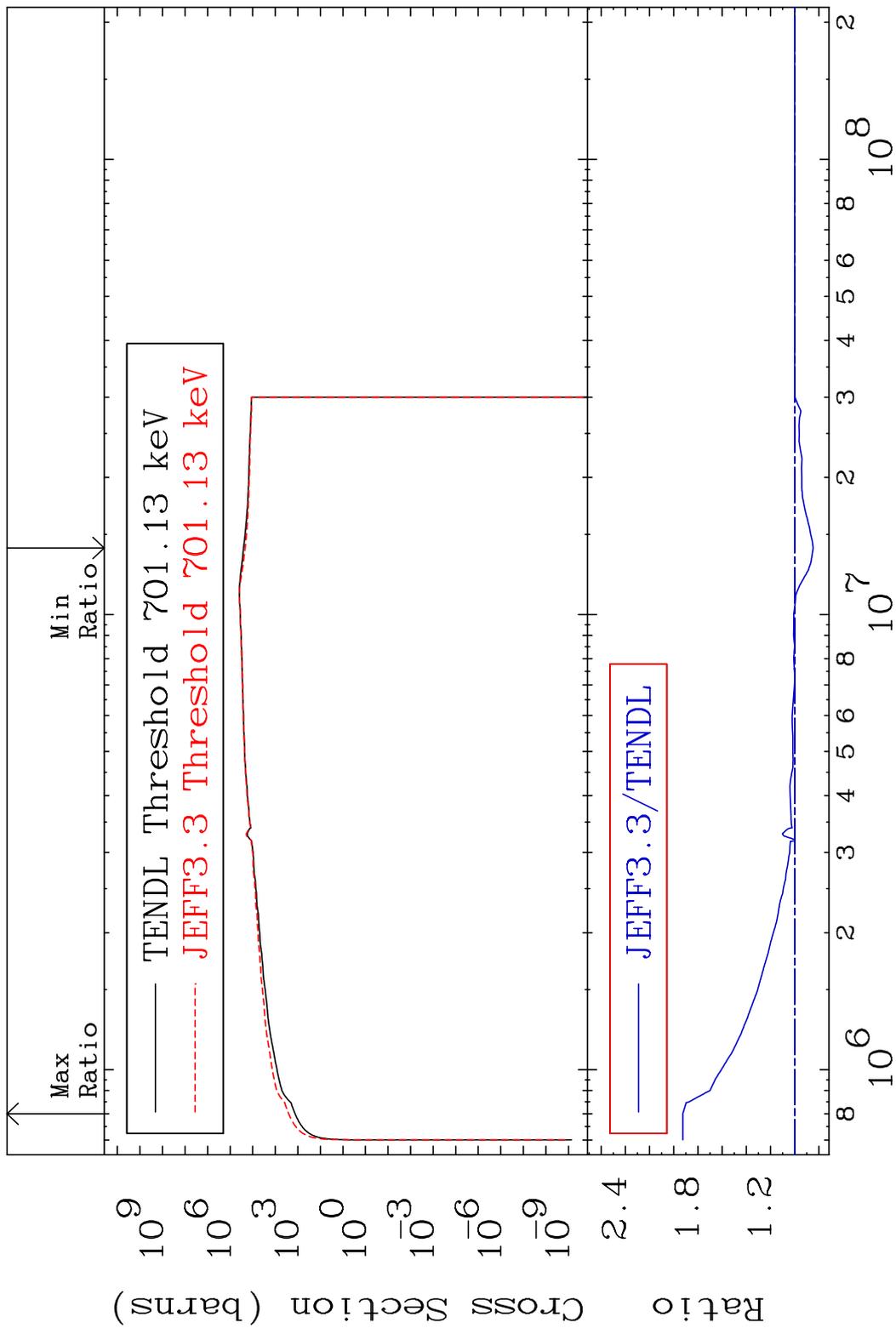
Incident Energy (eV)

32-Ge-72

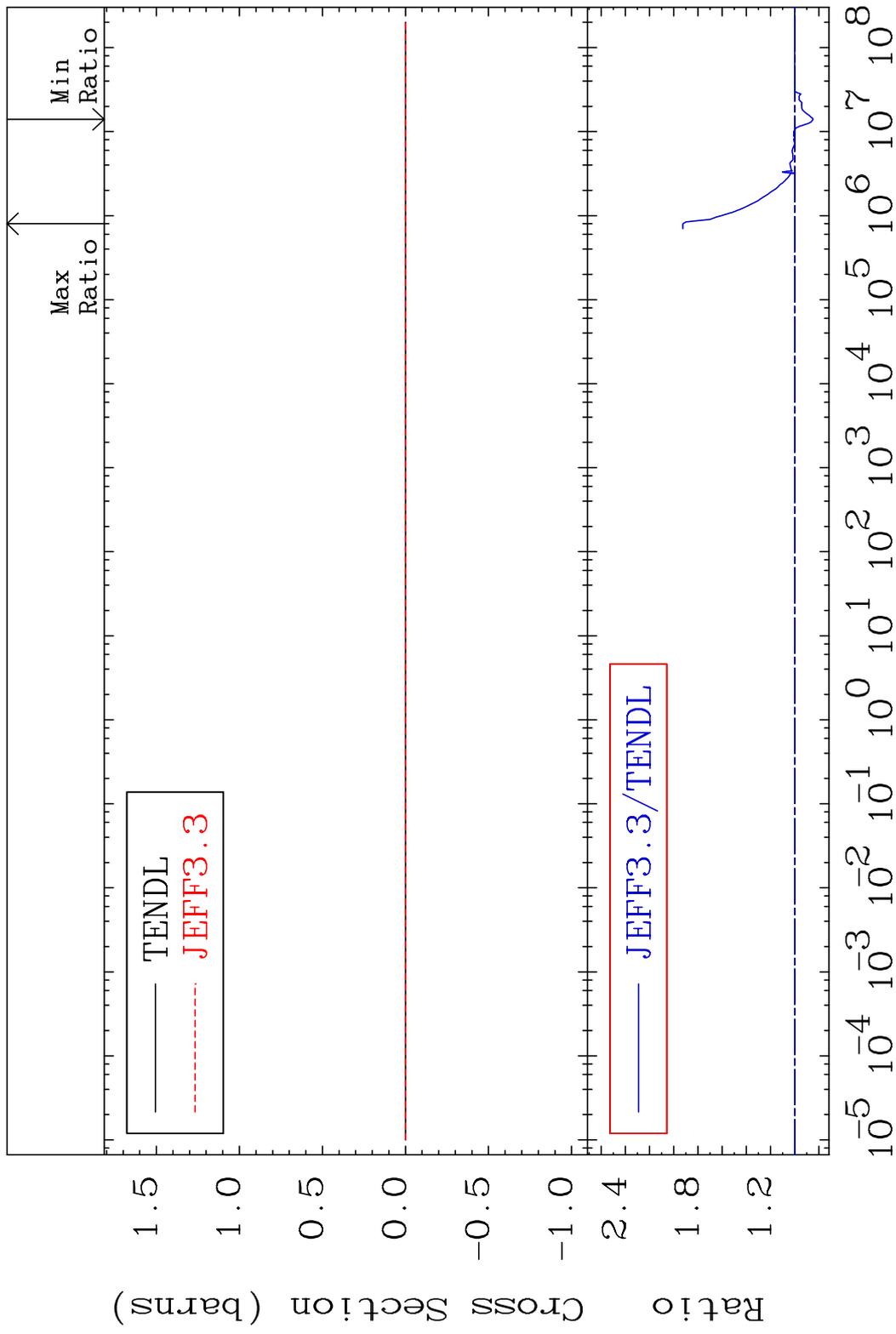
MAT 3231 Kerma non-elastic (all but mt2) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Kerma inelastic (mt51-91) 32-Ge-72
 Cross Section -15.21 To 92.46 %



MAT 3231 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-72
 Cross Section -15.21 To 92.46 %

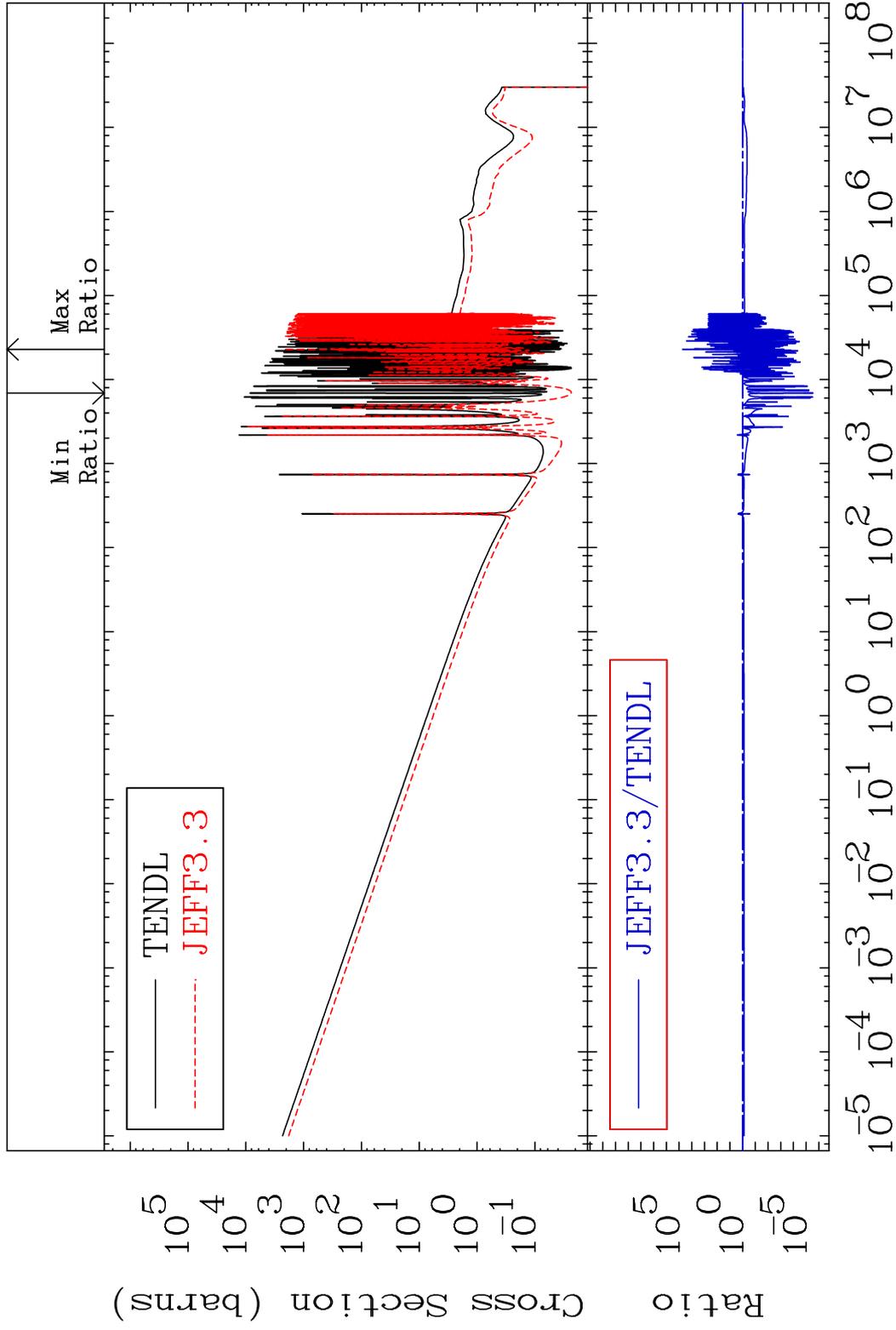


MAT 3231

Kerma capture (mt102)

32-Ge-72

Cross Section -100.0 To 9999. %

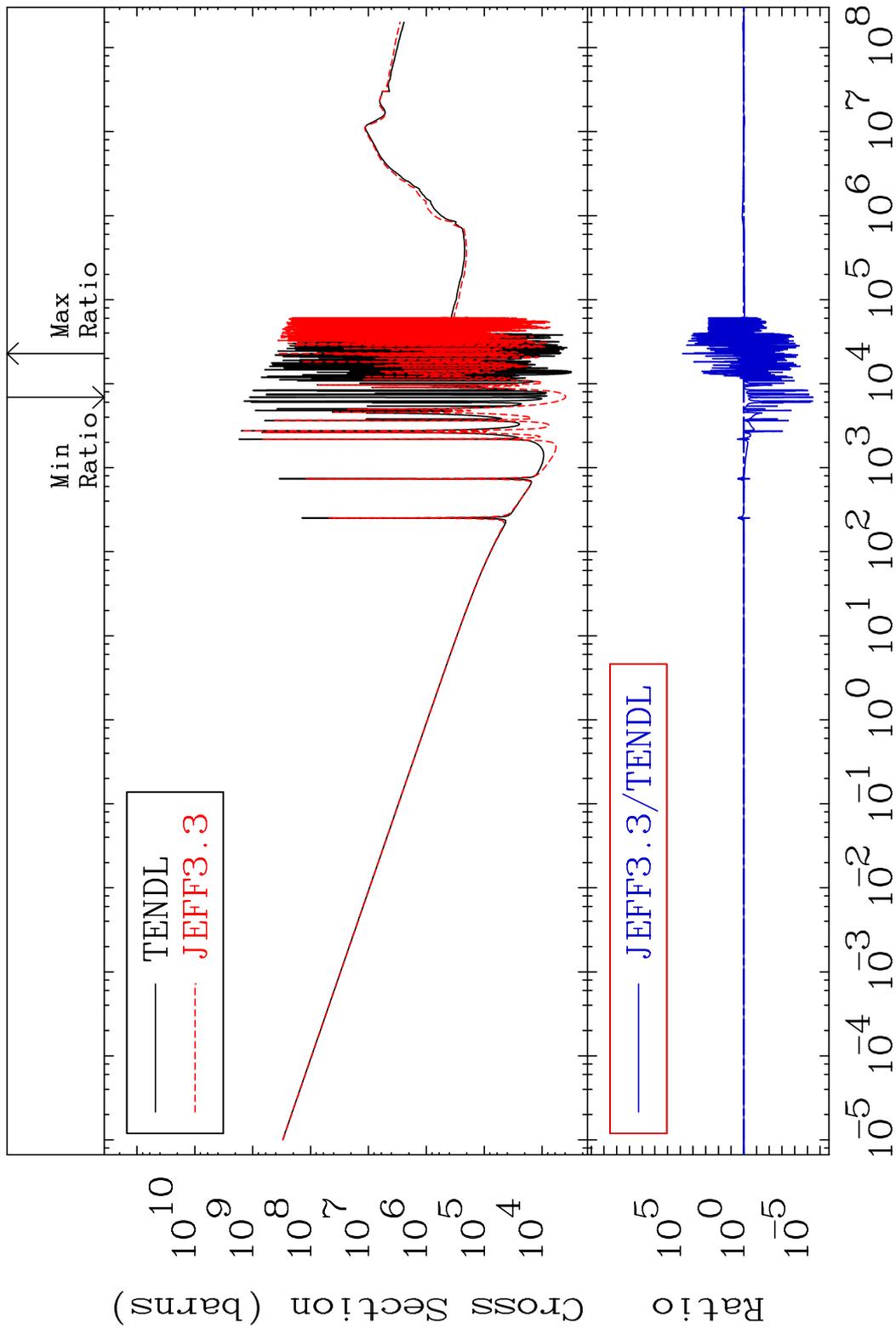


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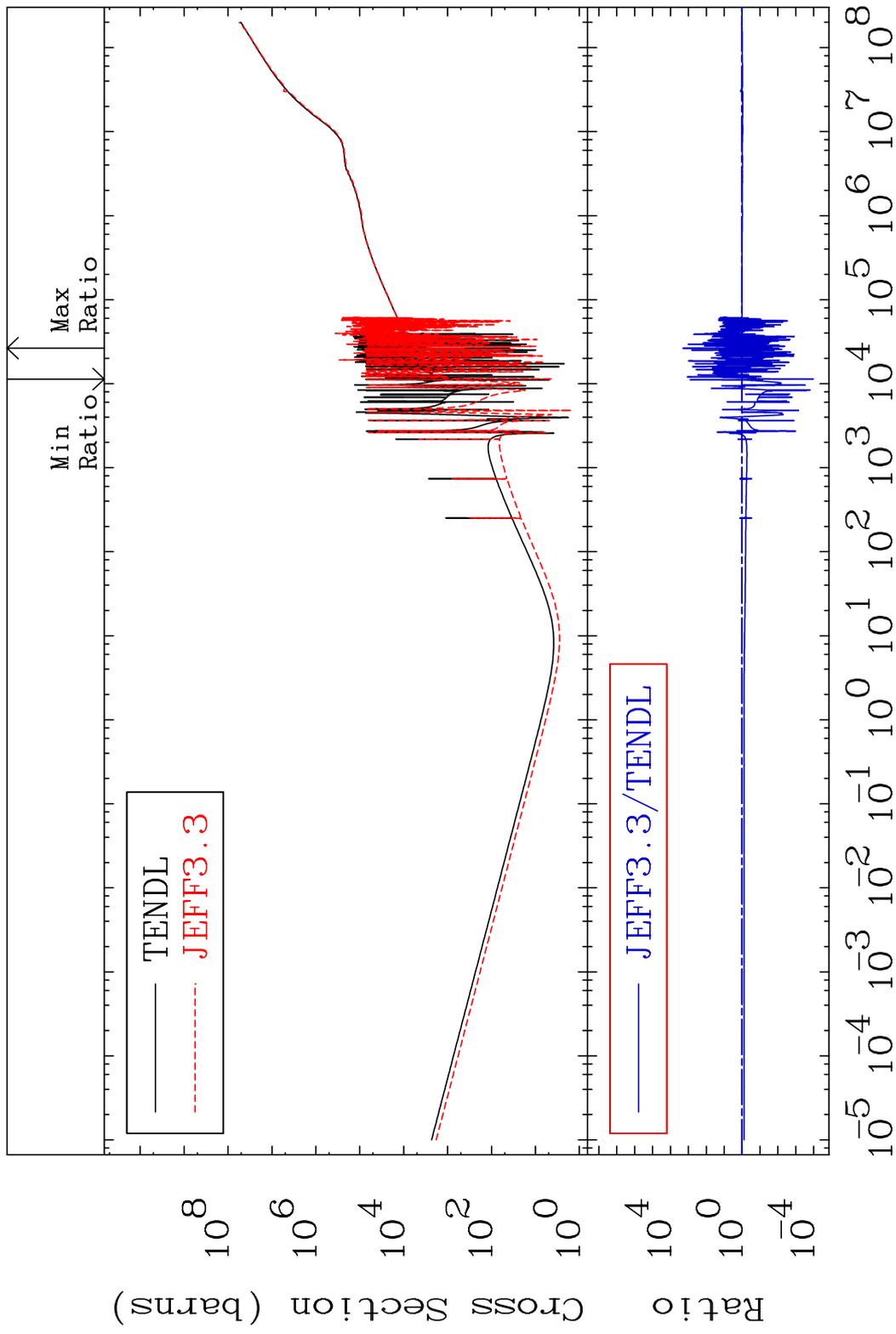
Incident Energy (eV)

32-Ge-72

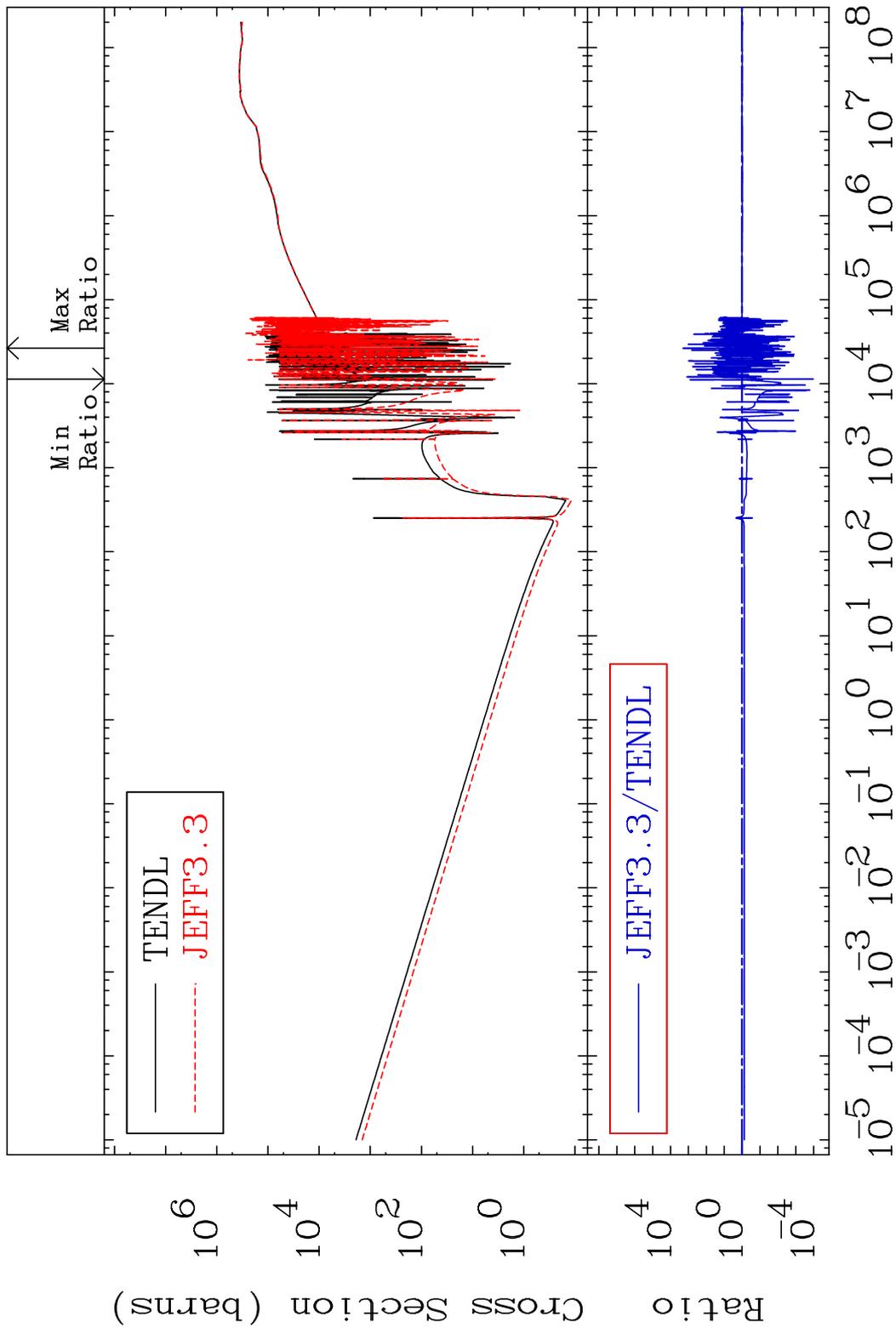
MAT 3231 Total photon (eV-barns) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Total kinematic kerma (high limit) 32-Ge-72
 Cross Section -99.99 To 9999. %



MAT 3231 Dpa total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %



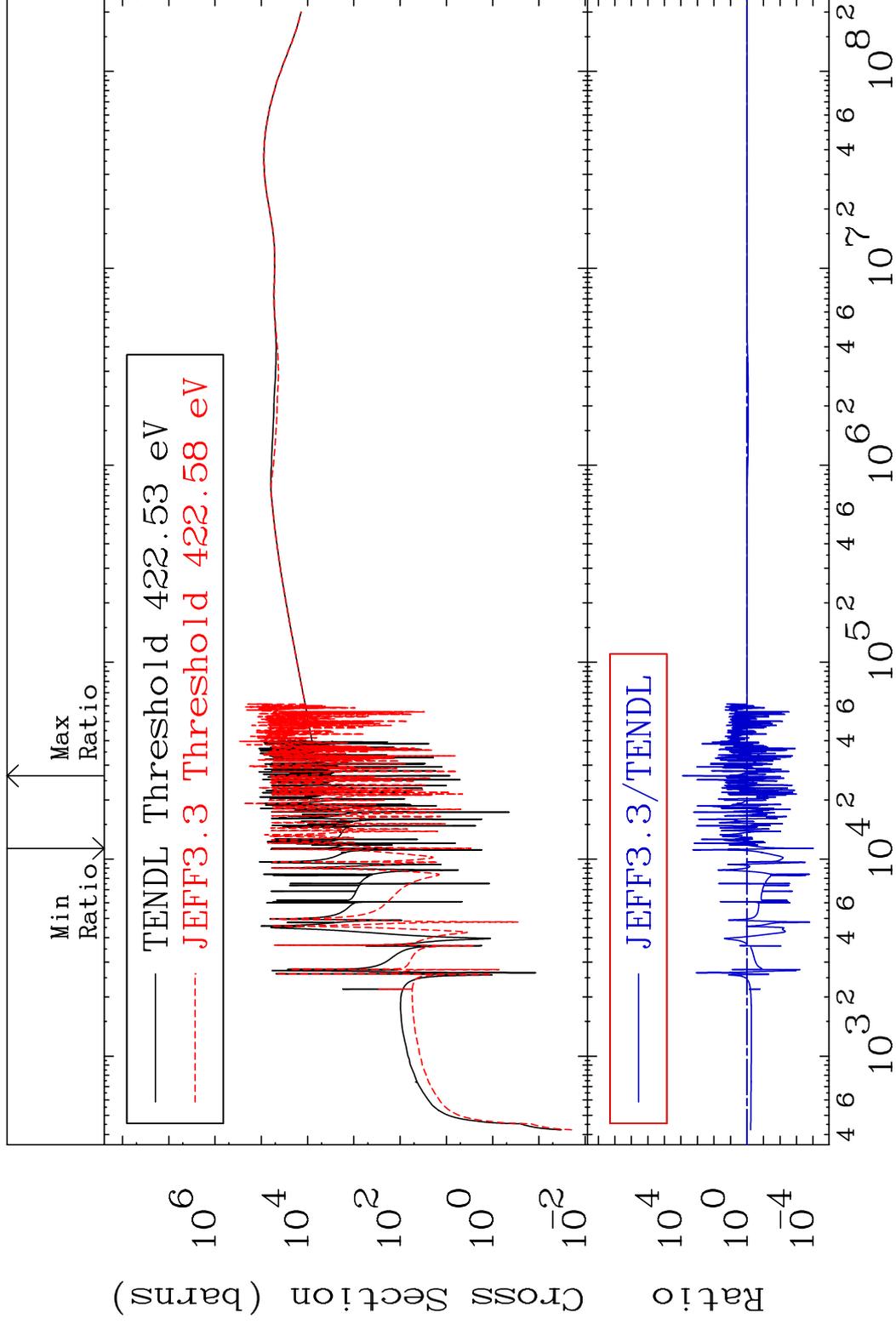
MAT 3231

Dpa elastic (mt2)

32-Ge-72

Cross Section

-99.99 To 9999. %



75

Incident Energy (eV)

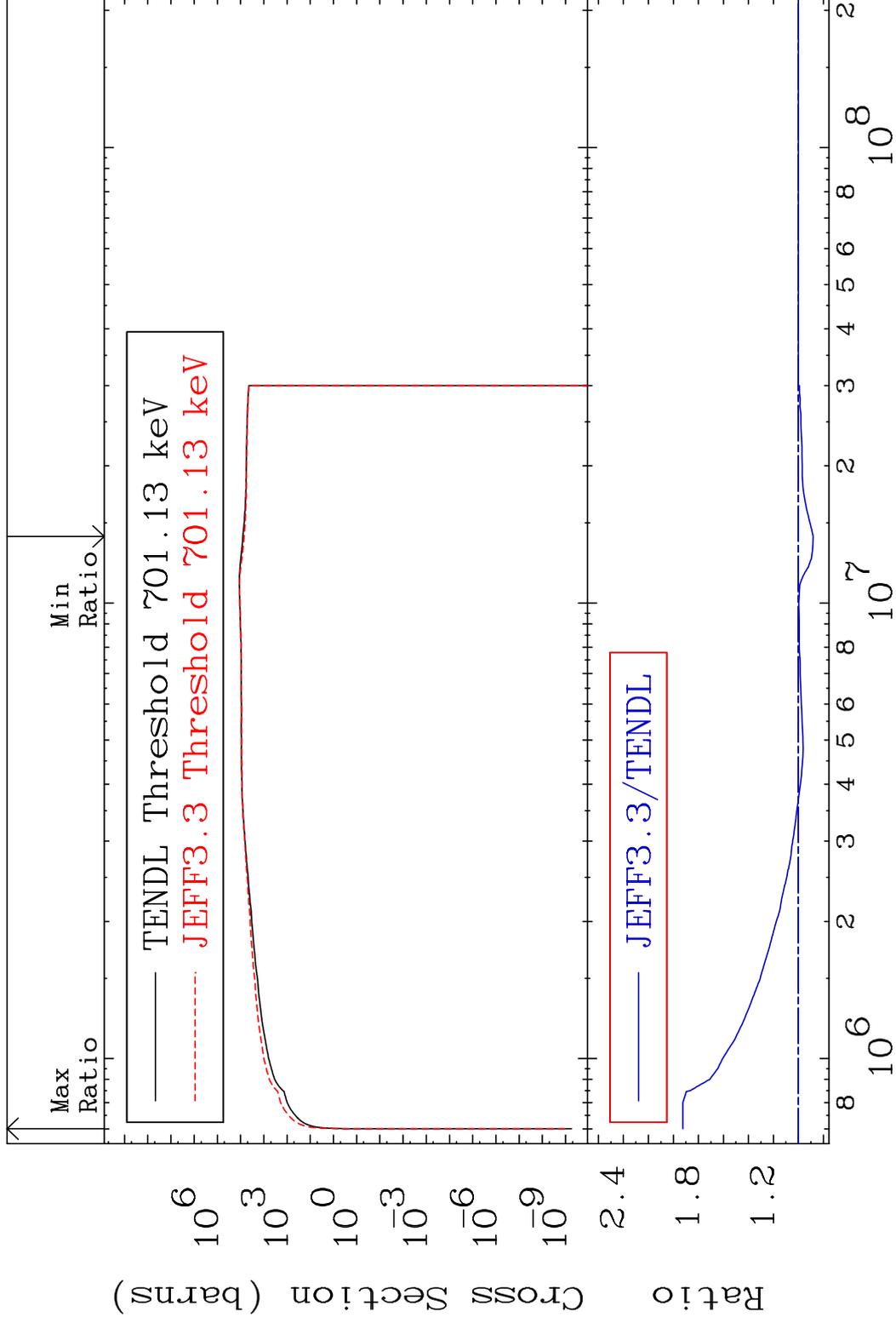
32-Ge-72

MAT 3231

Dpa inelastic (mt51-91)

32-Ge-72

Cross Section -11.80 To 92.46 %

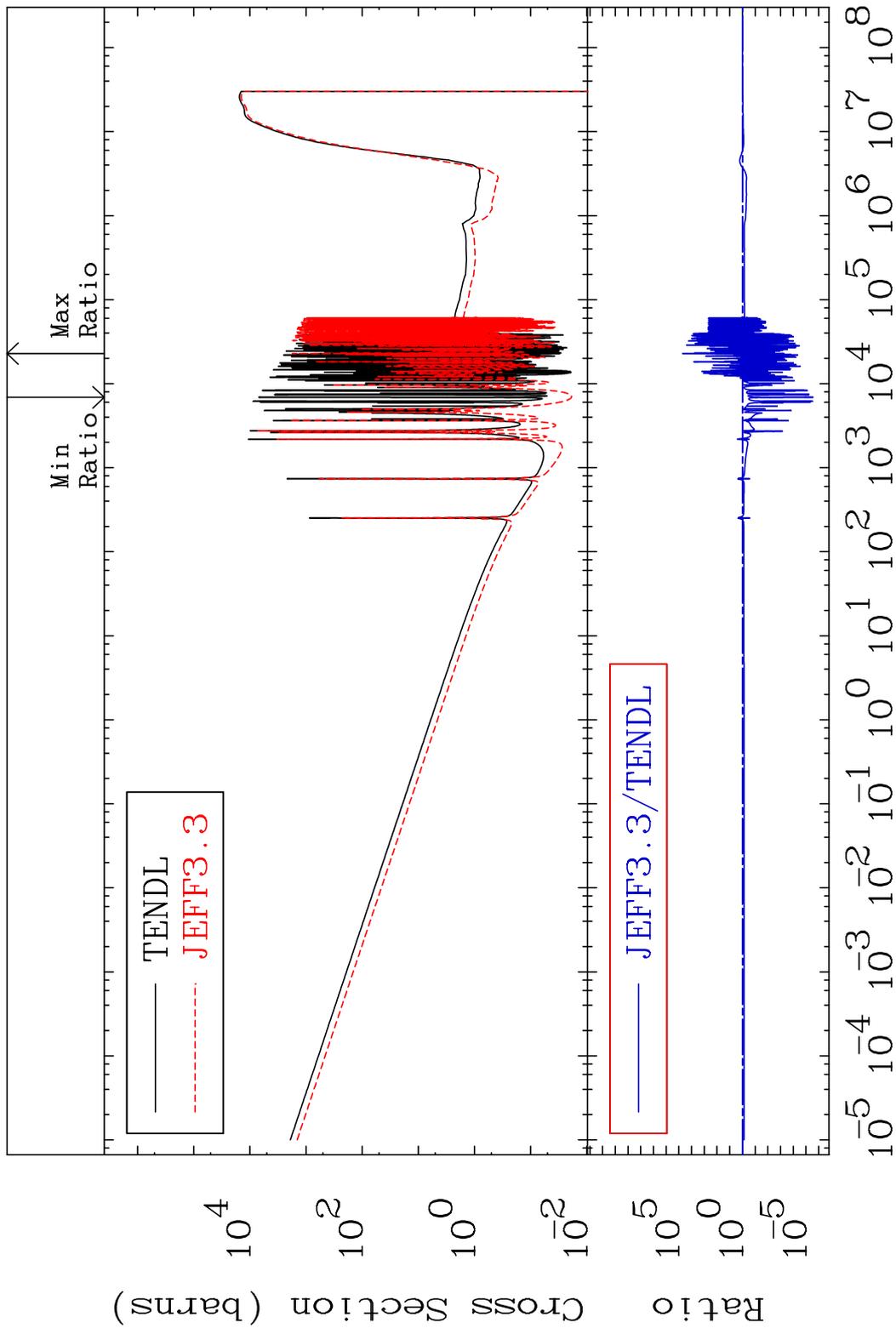


76

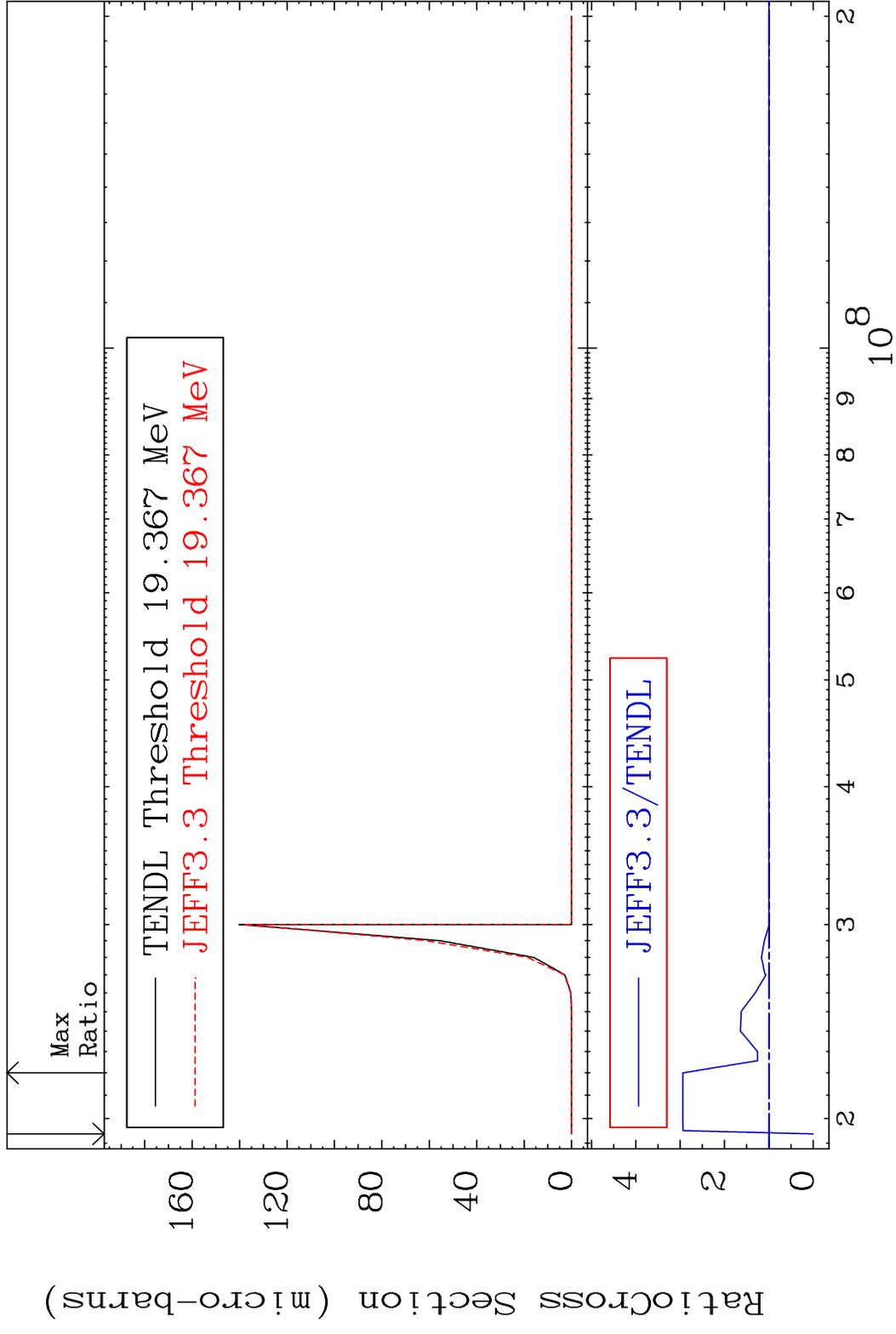
Incident Energy (eV)

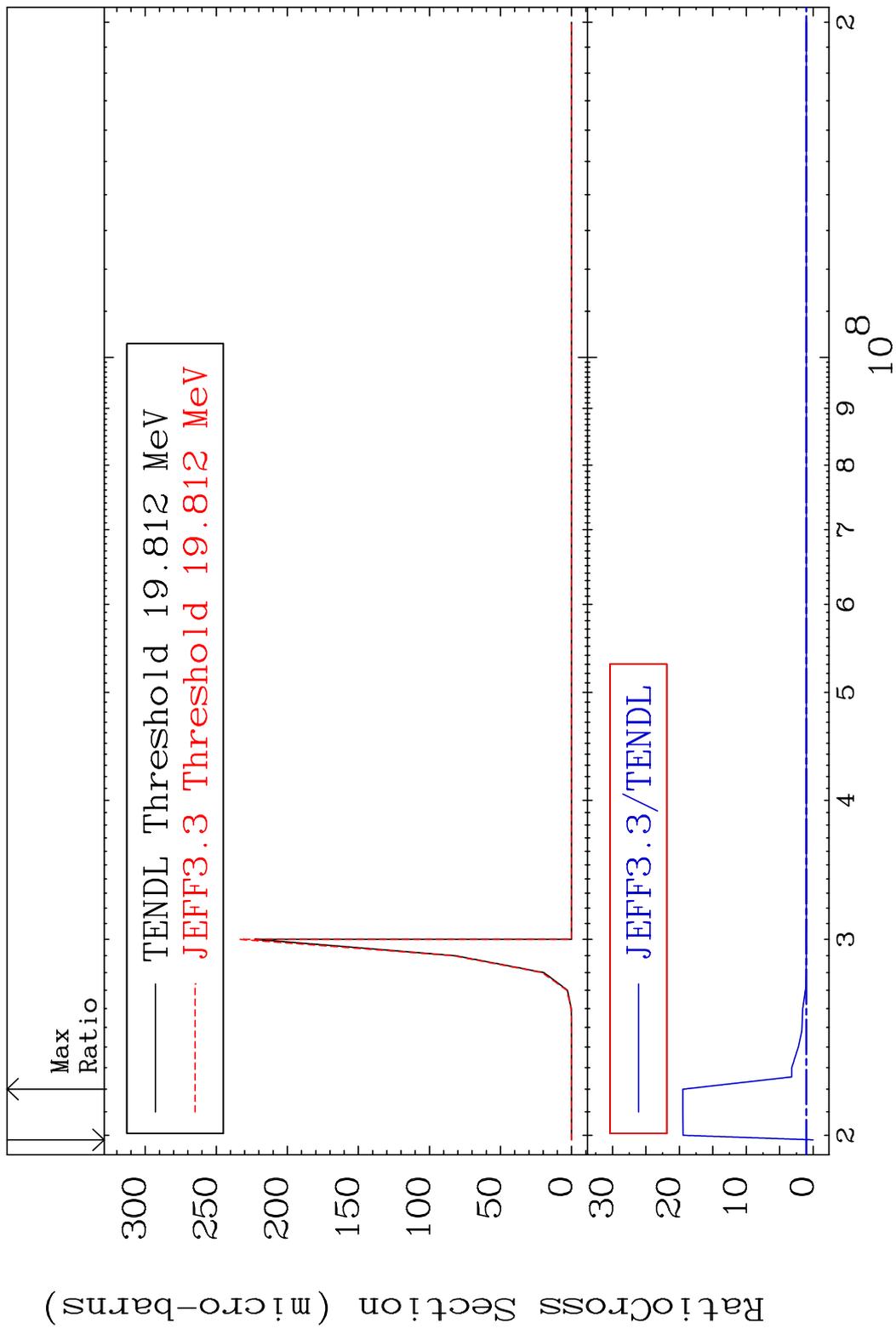
32-Ge-72

MAT 3231 Dpa disappearance (mt102 -120) 32-Ge-72
 Cross Section -100.0 To 9999. %

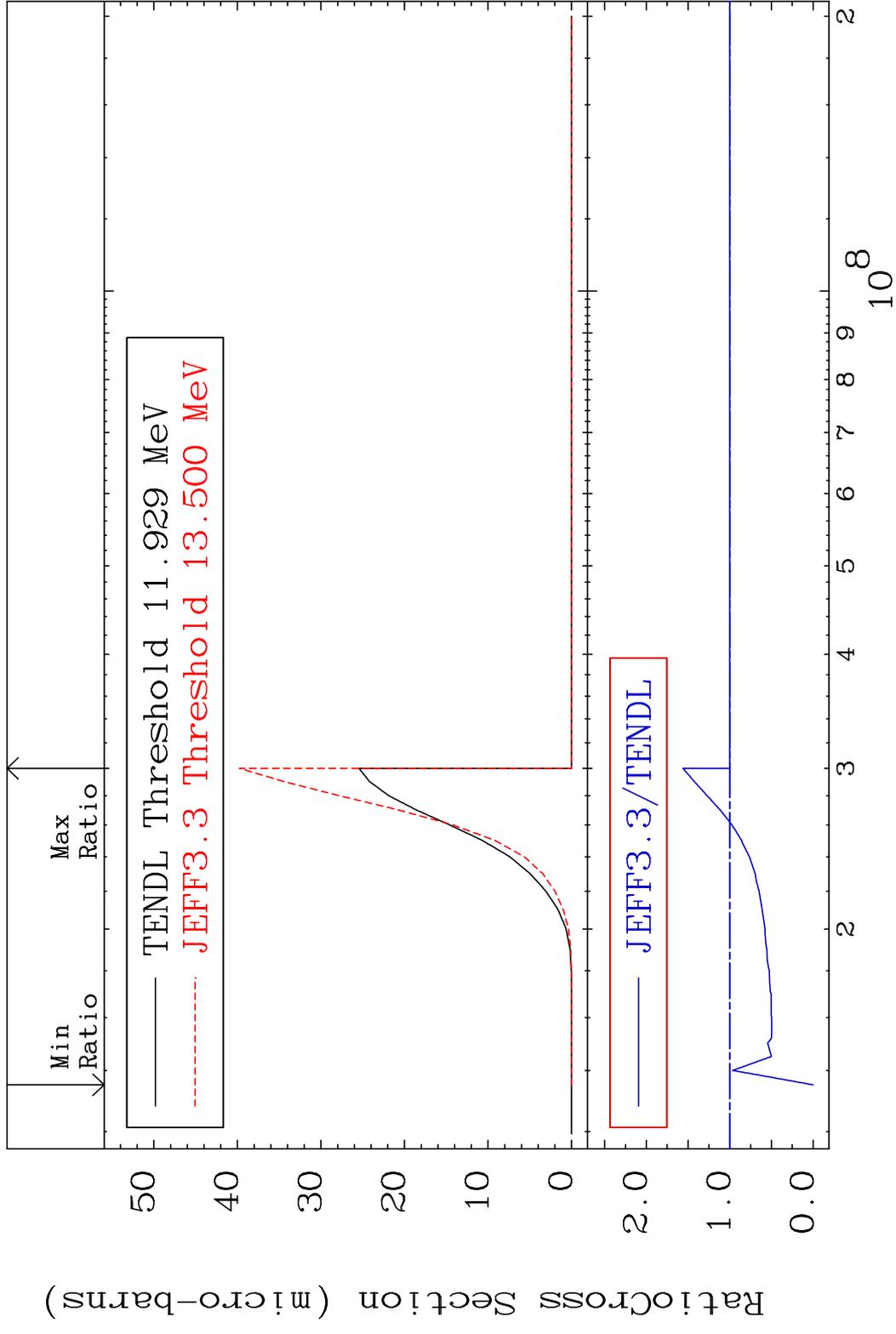


MAT 3231 (n, n') He-3:30-Zn-69g 32-Ge-72
 Radionuclide Production Cross Section 180.0 dth 193.9 %

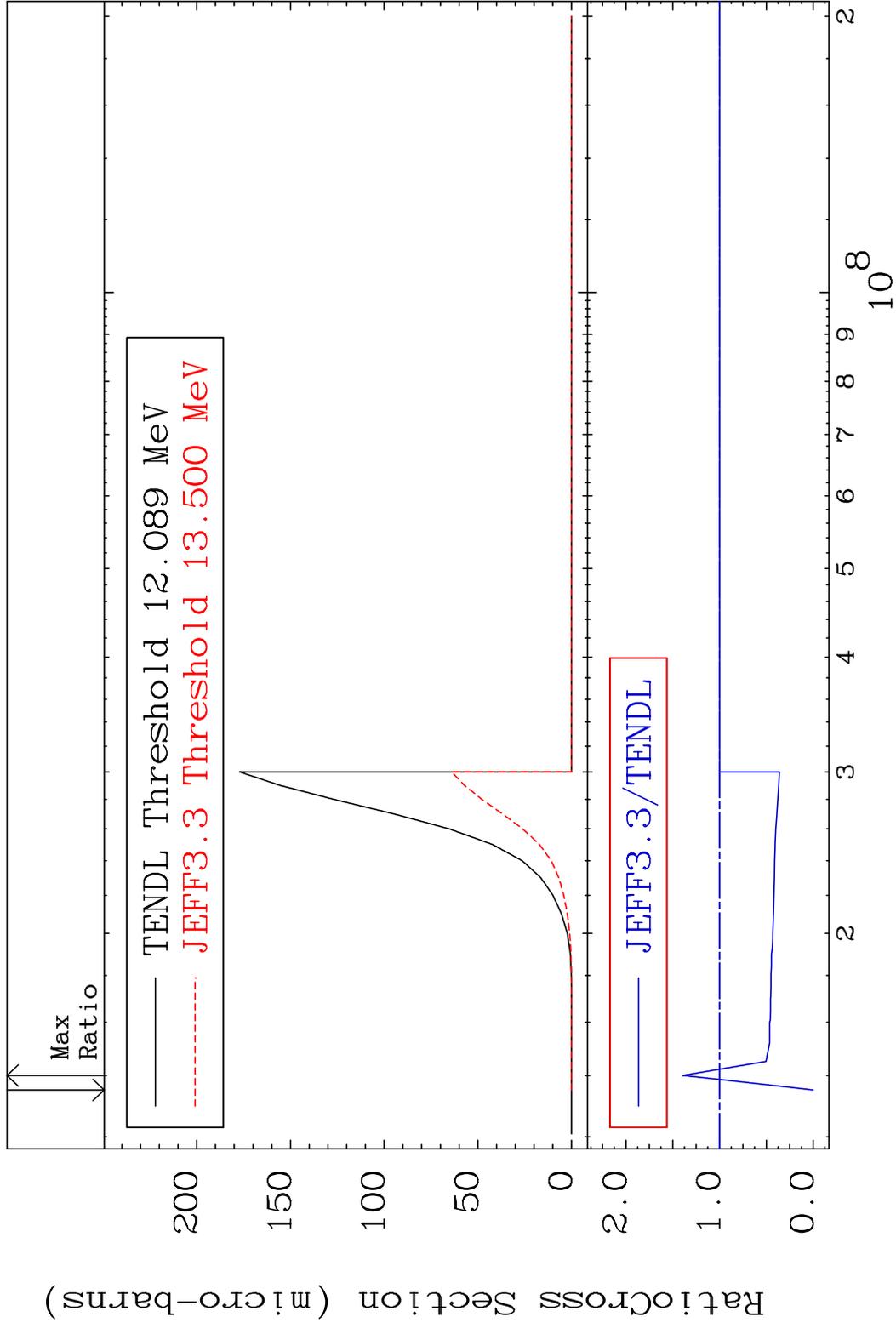




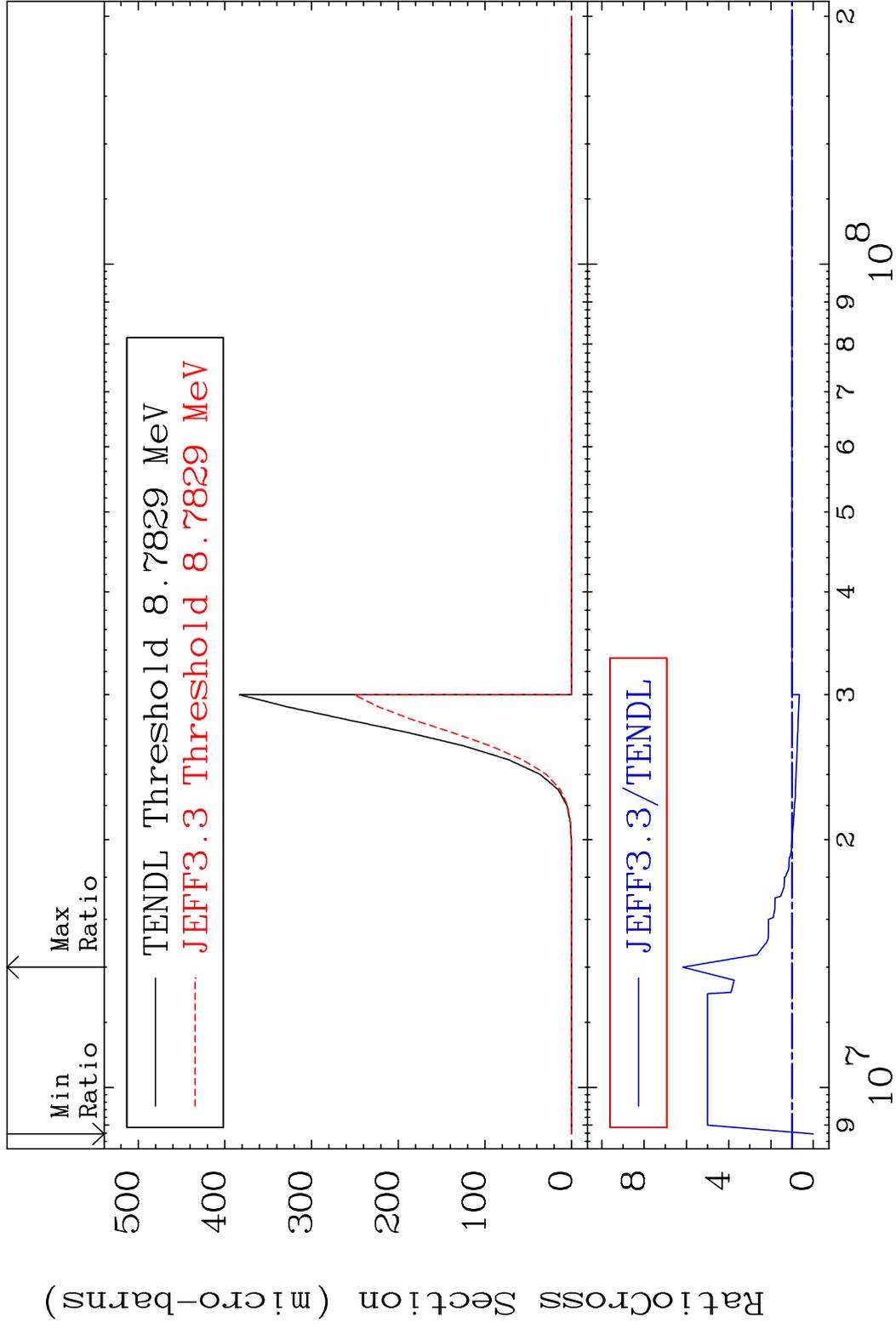
MAT 3231 (n,2p):30-Zn-71g 32-Ge-72
 Radionuclide Production Cross Section 56.25 %



MAT 3231 (n,2p):30-Zn-71m1 32-Ge-72
 Radionuclide Production Cross Section 180.01 dth 39.22 %

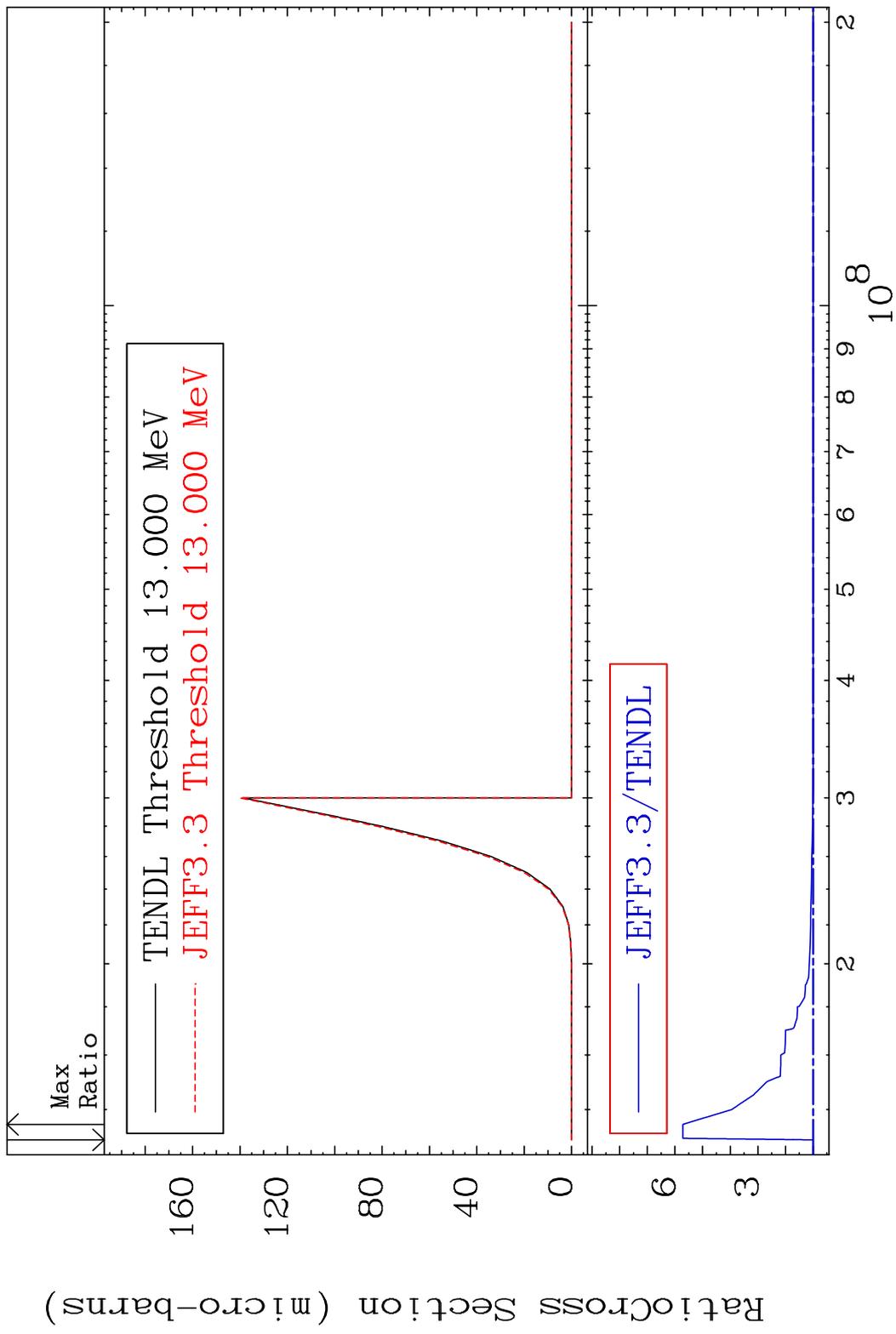


MAT 3231 (n,p) α :29-Cu-68g 32-Ge-72
 Radionuclide Production Cross Section 180.0 dth 516.9 %

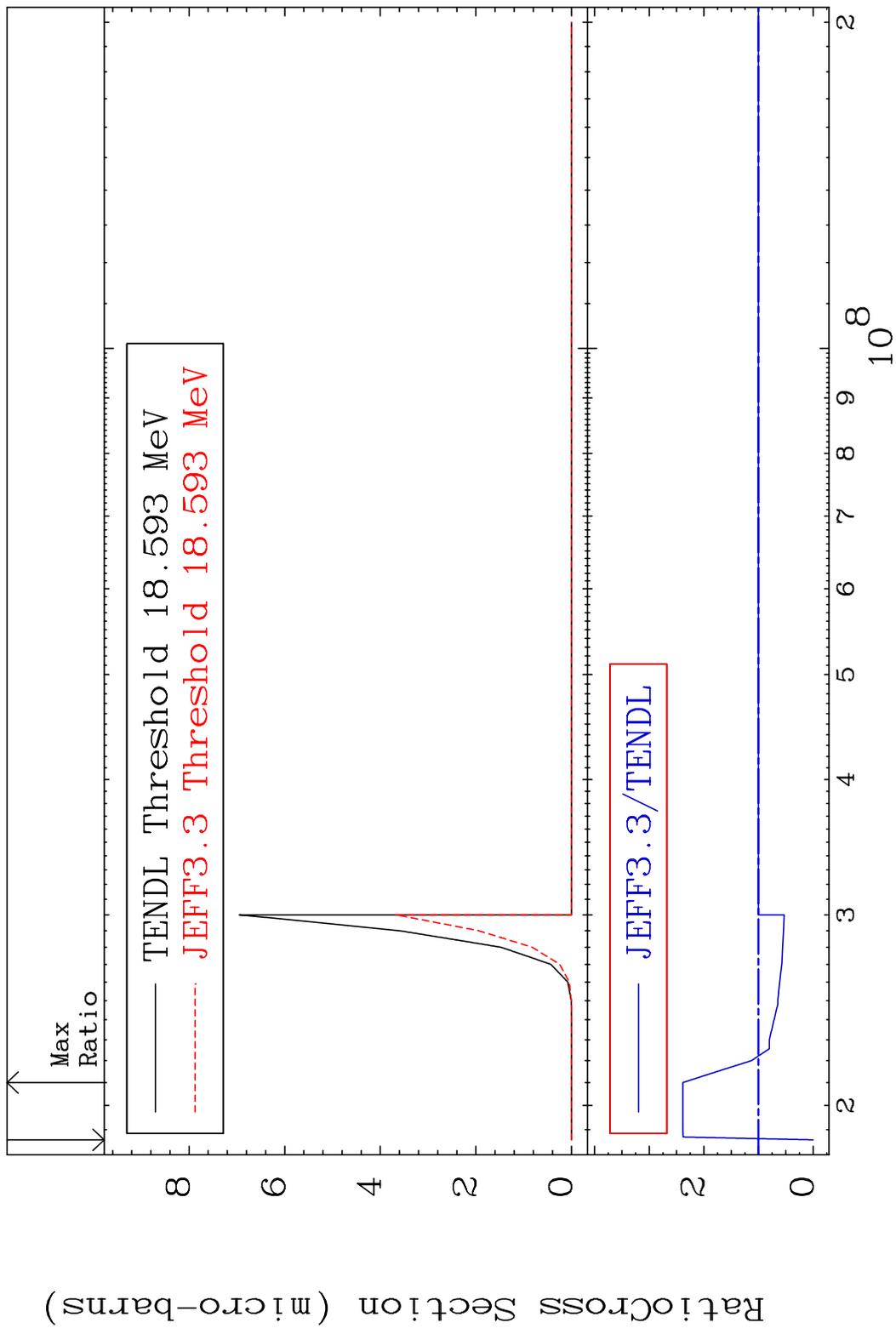


82 Incident Energy (eV) 32-Ge-72

MAT 3231 (n,p) α :29-Cu-68m3 32-Ge-72
 Radionuclide Production Cross Section 471.5 %



MAT 3231 (n, p) t:30-Zn-69g 32-Ge-72
 Radionuclide Production Cross Section 138.5 %



MAT 3231 (n,p) t:30-Zn-69m1 32-Ge-72
 Radionuclide Production Cross Section 30.43 %

