

Program Complot
(Version 2021-1)

by

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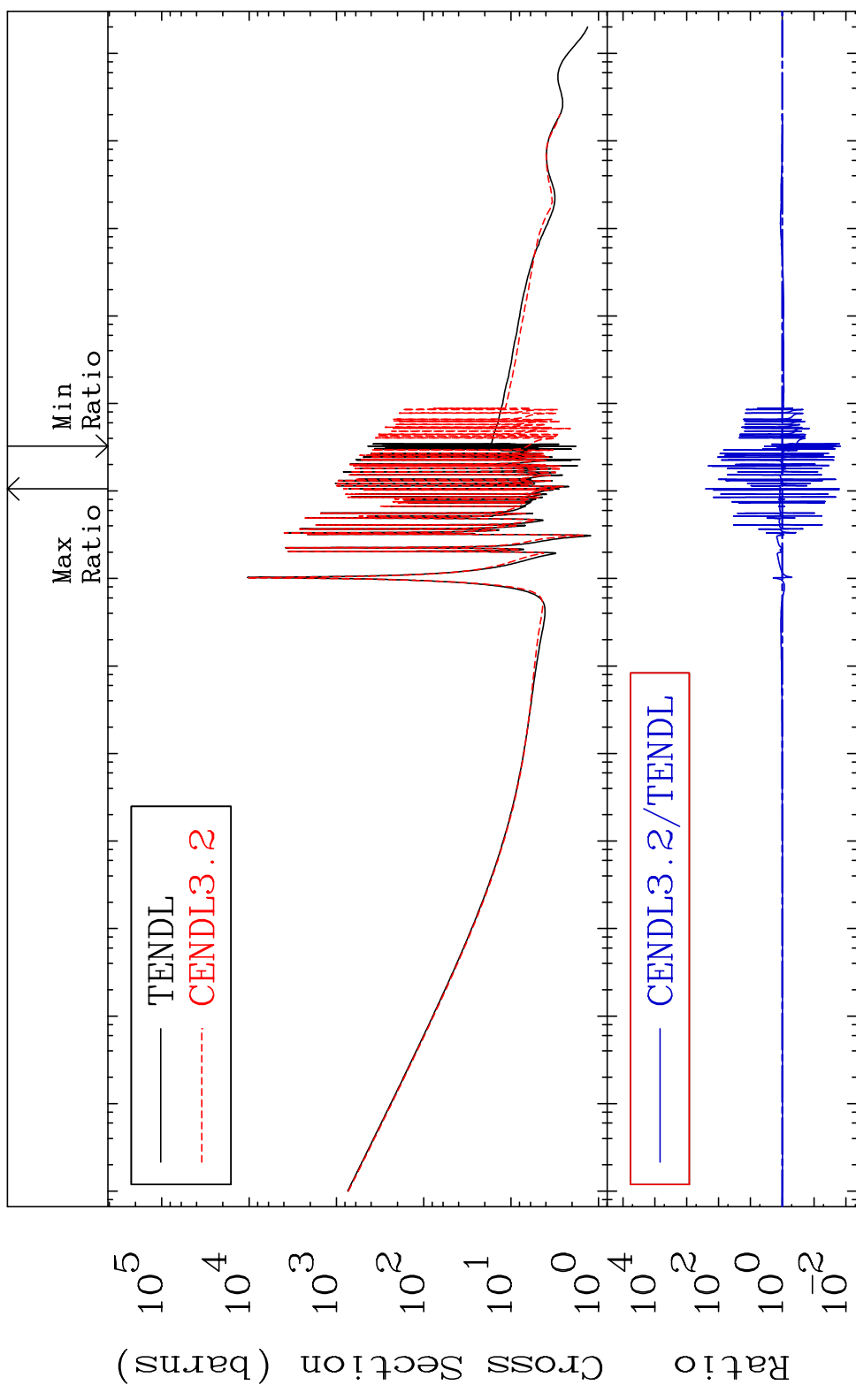
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3234

Total Cross Section -98.52 To 9999. %
32-Ge-73



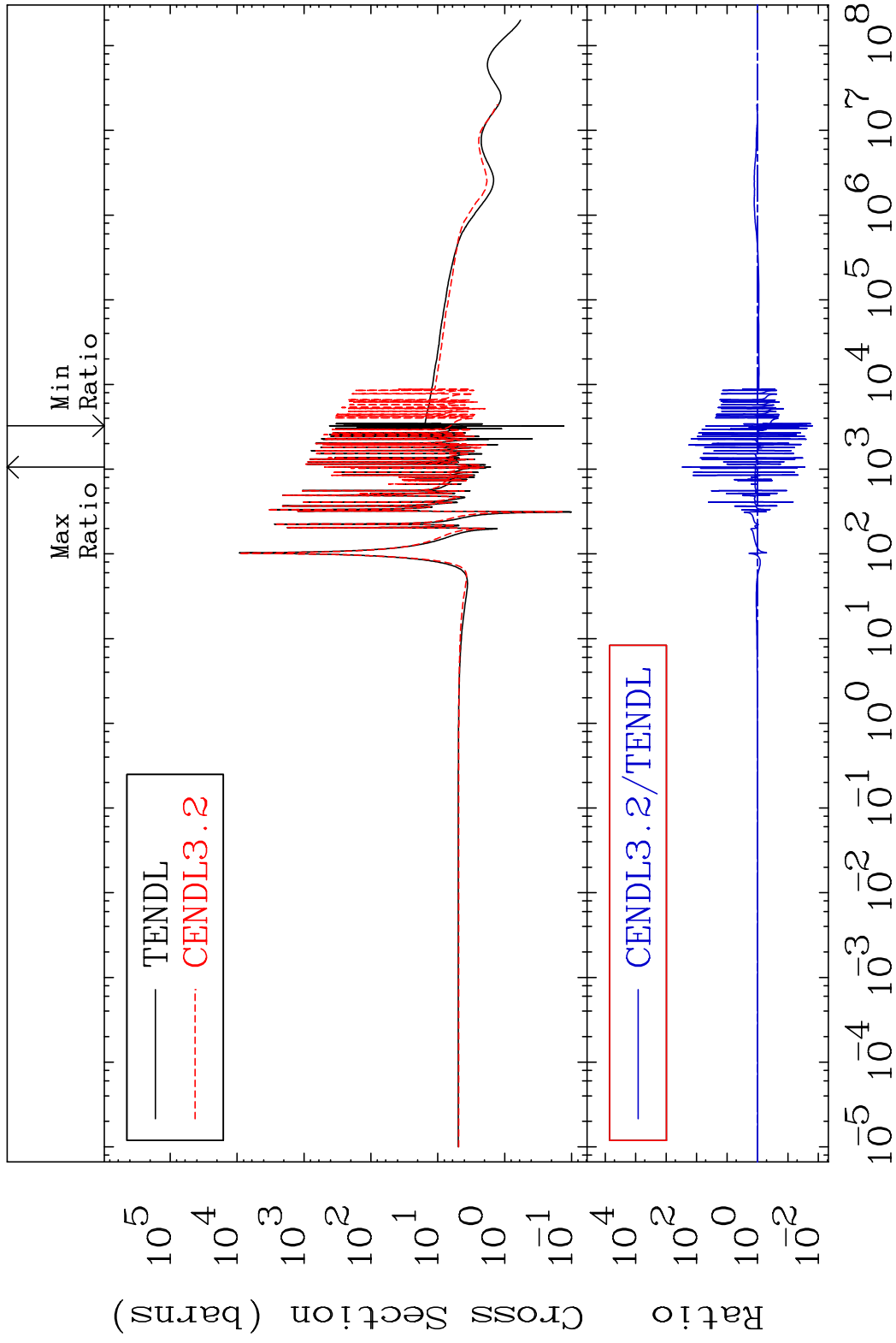
1 Incident Energy (eV) 32-Ge-73

MAT 3234

Elastic

32-Ge-73

Cross Section -98.45 To 9999. %

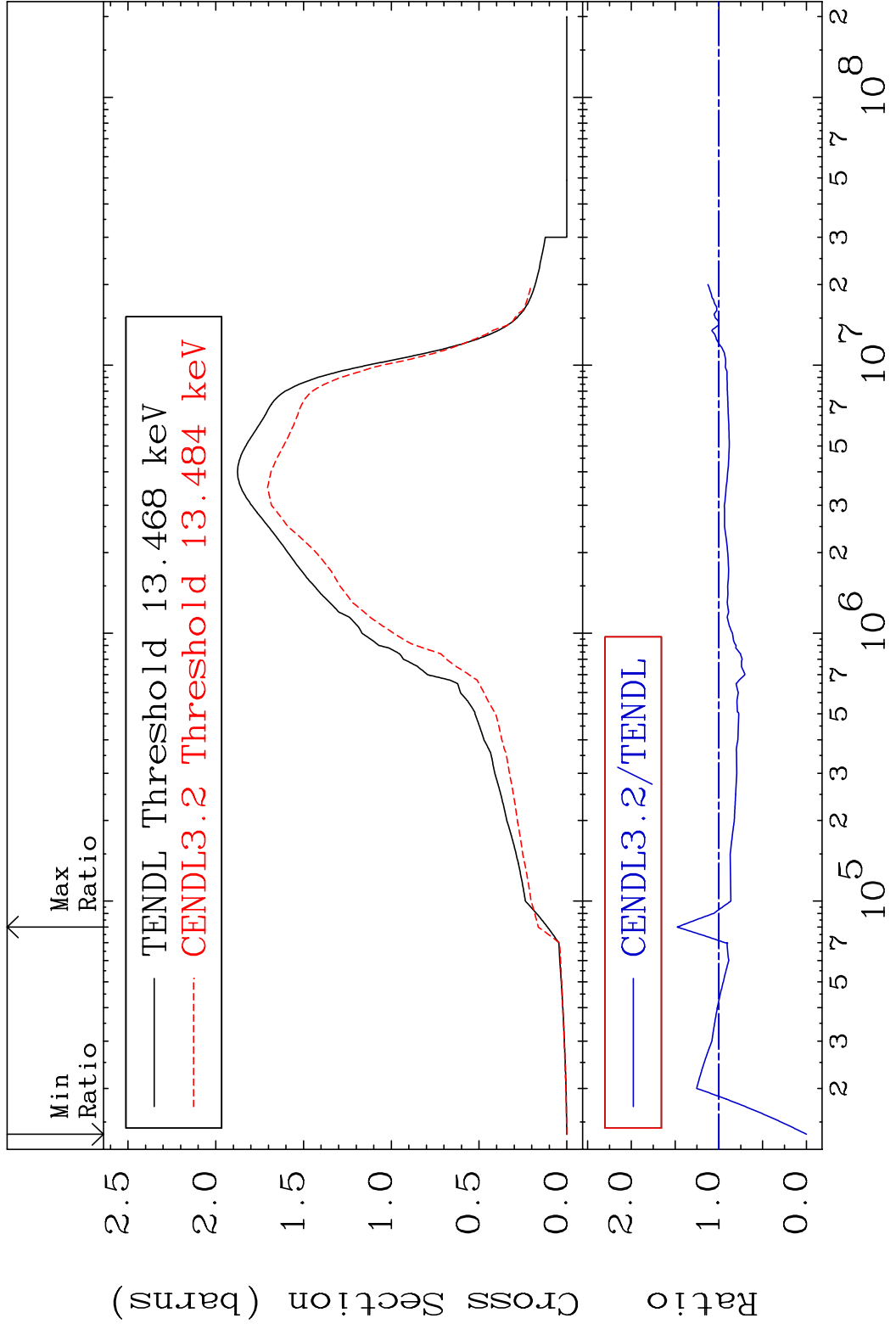


2

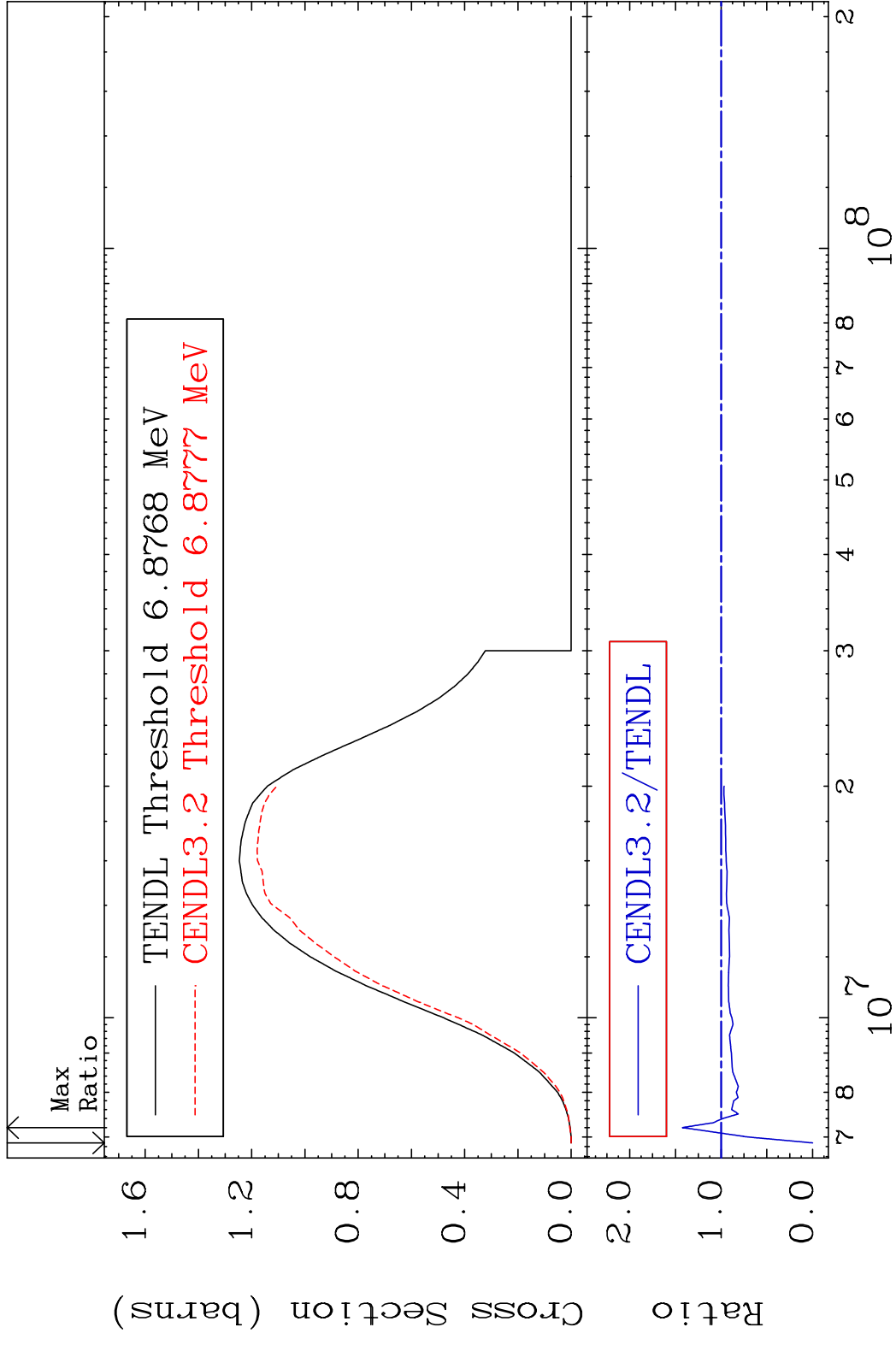
Incident Energy (eV)

32-Ge-73

MAT 3234 Inelastic 32-Ge-73
 Cross Section -100.0 To 47.66 %



MAT 3234 (n,2n) 32-Ge-73
 Cross Section -100.0 To 42.45 %



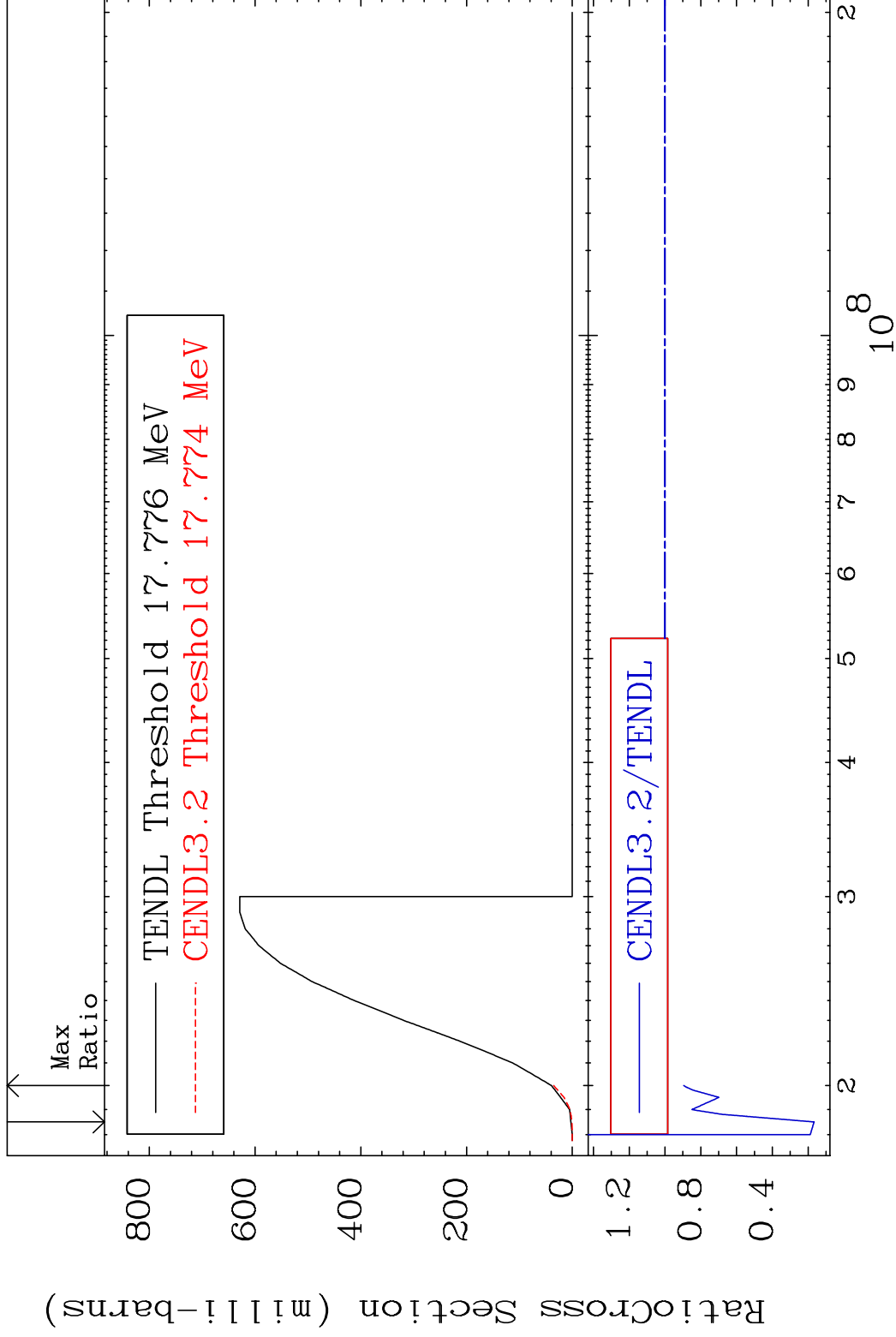
4 Incident Energy (eV) 32-Ge-73

MAT 3234

(n,3n)

³²Ge-73

Cross Section -83.35 To -10.43%



5

Incident Energy (eV)

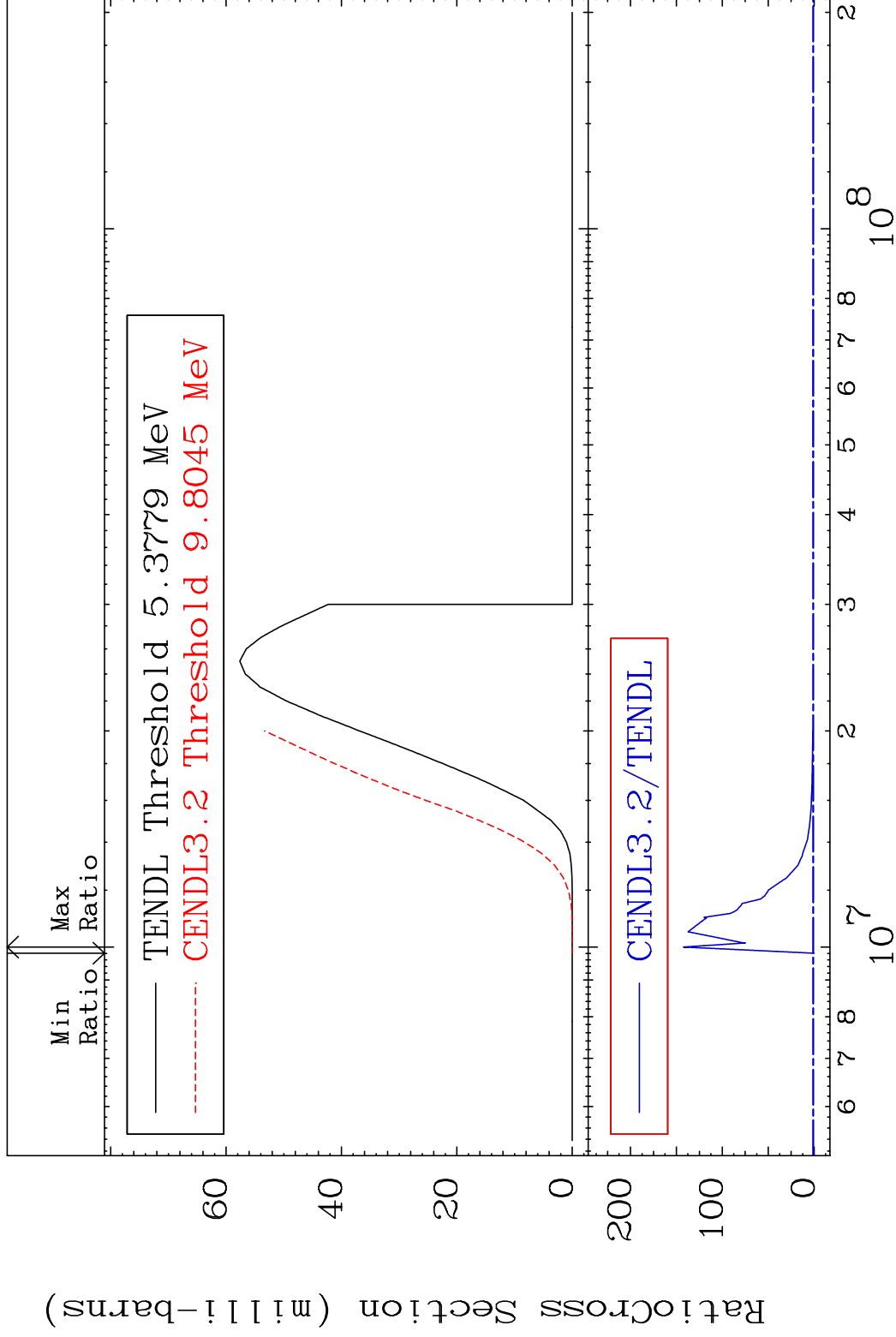
³²Ge-73

MAT 3234

(n, n') α

32-Ge-73

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

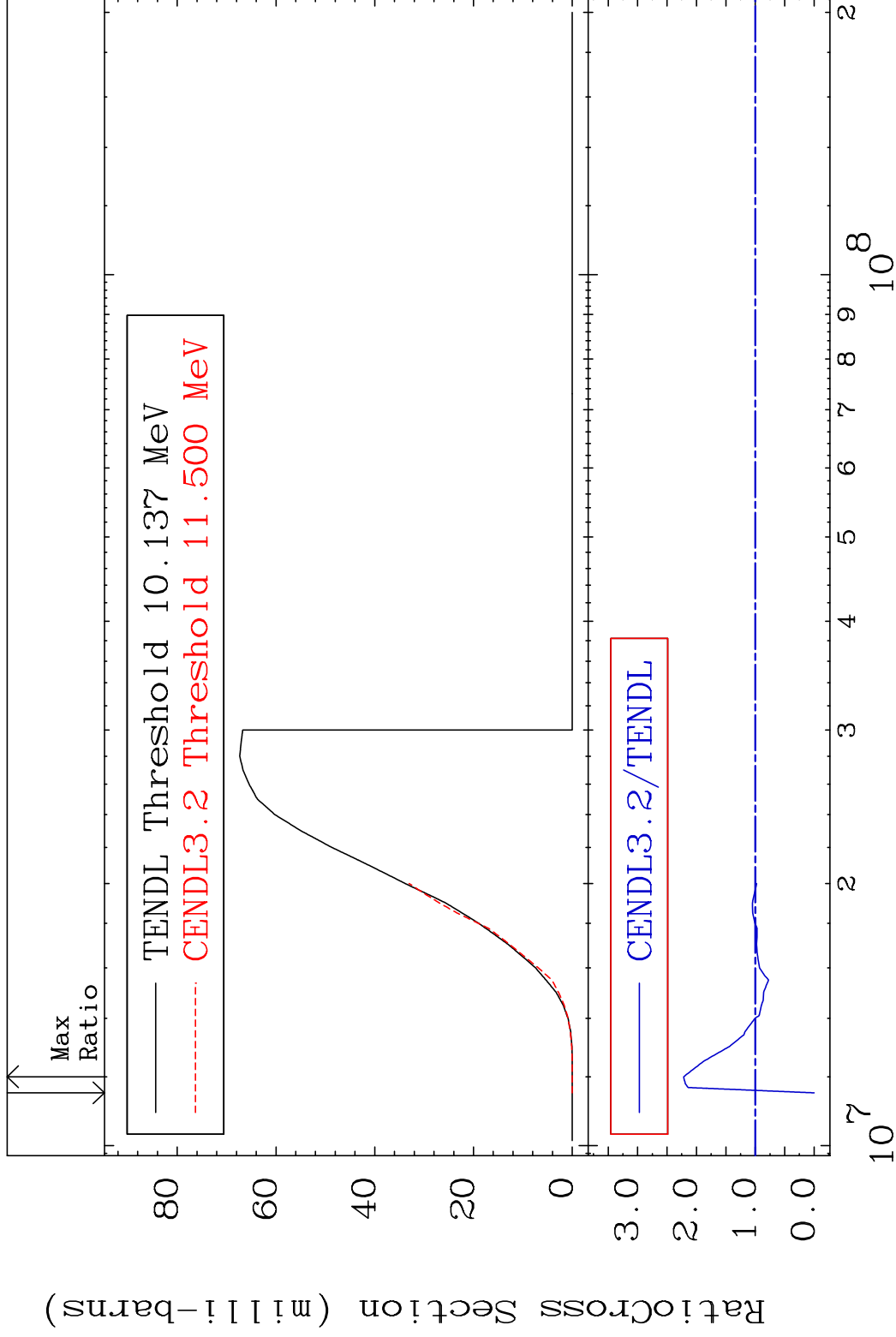
32-Ge-73

MAT 3234

(n, n') p

32-Ge-73

Cross Section -100.0 To 121.7 %

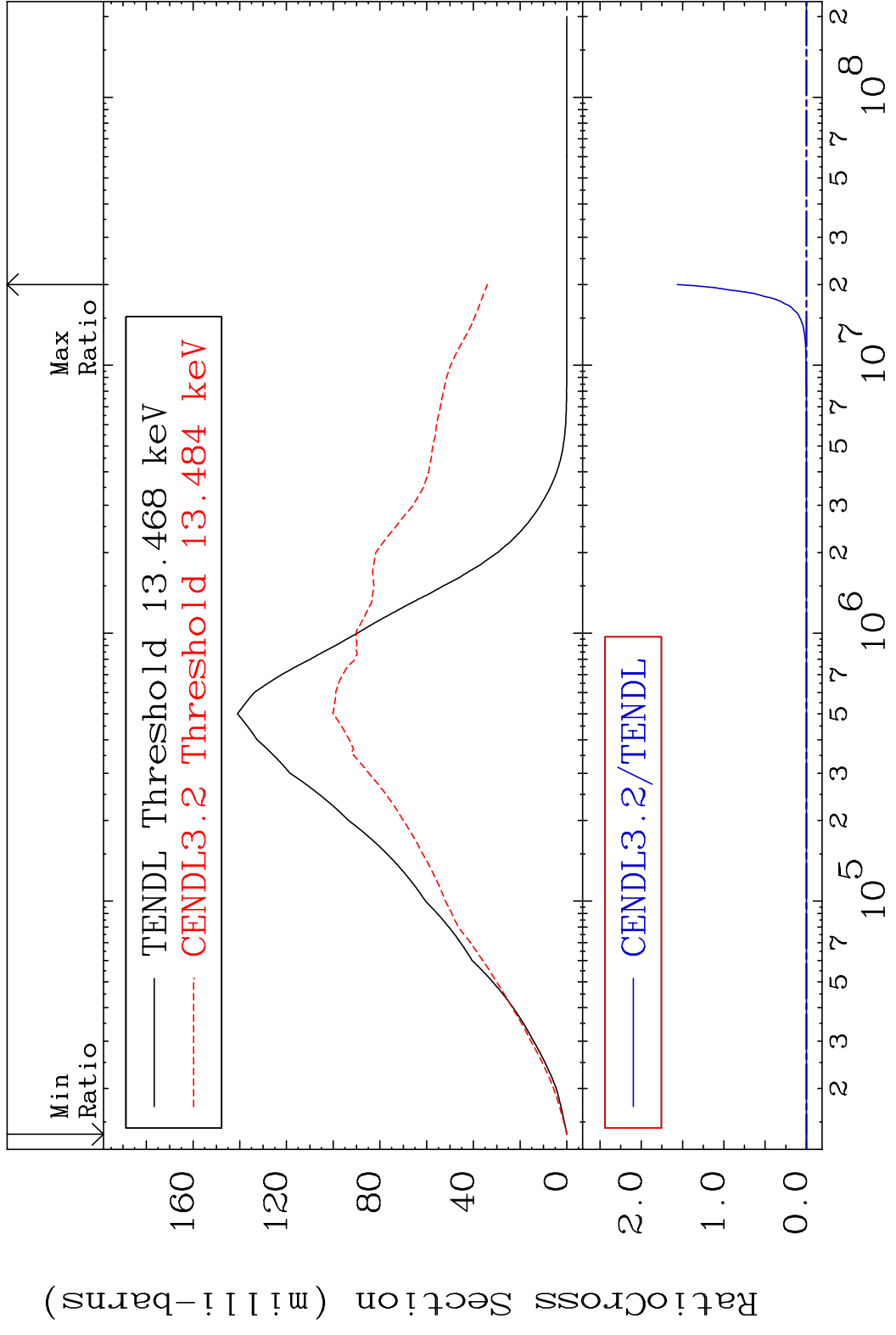


7

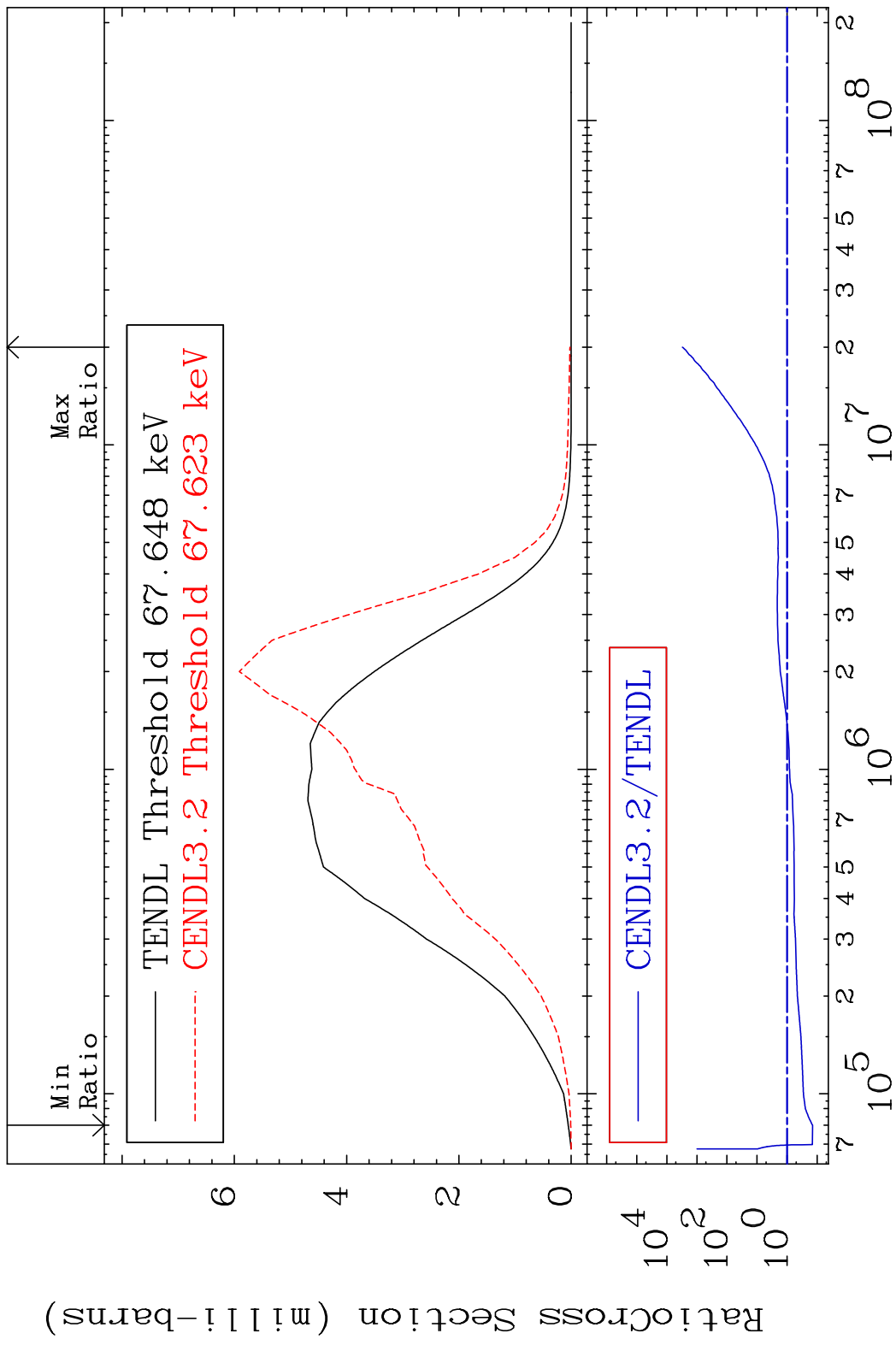
Incident Energy (eV)

32-Ge-73

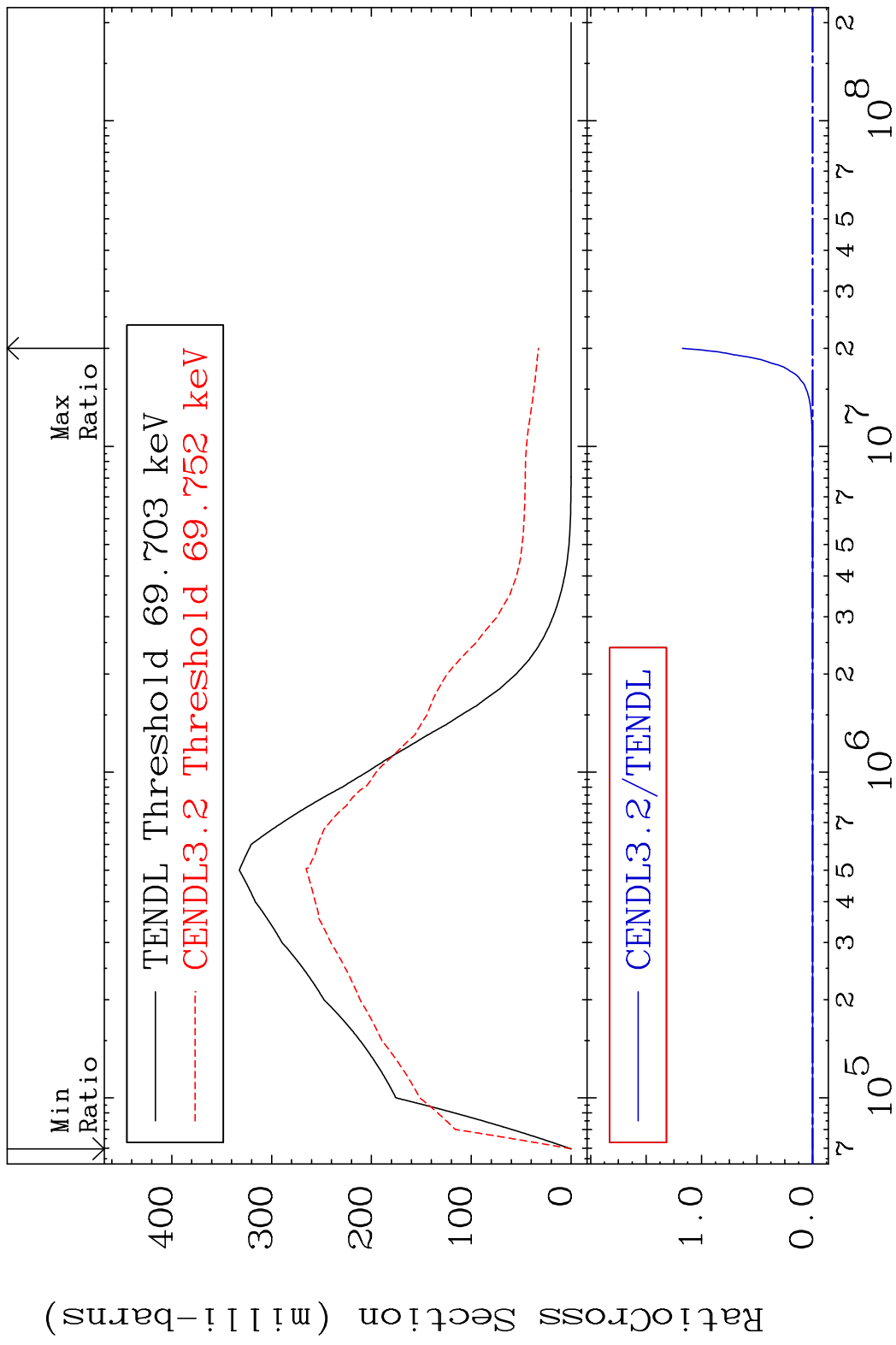
MAT 3234 MT= 51 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



MAT 3234 MT= 52 (n, n') Level 32-Ge-73
 Cross Section -85.79 To 9999. %

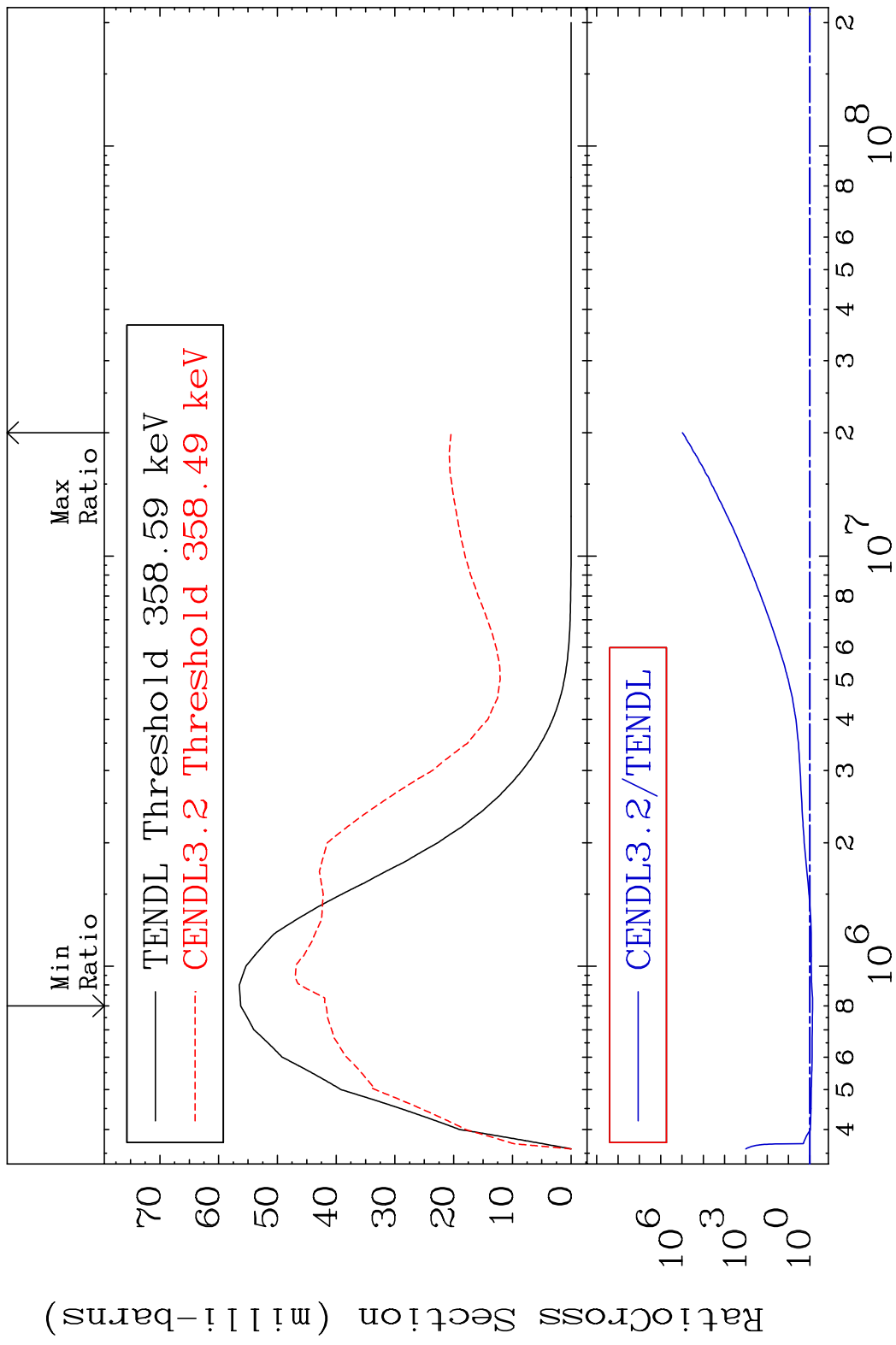


MAT 3234 MT= 53 (n,n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %

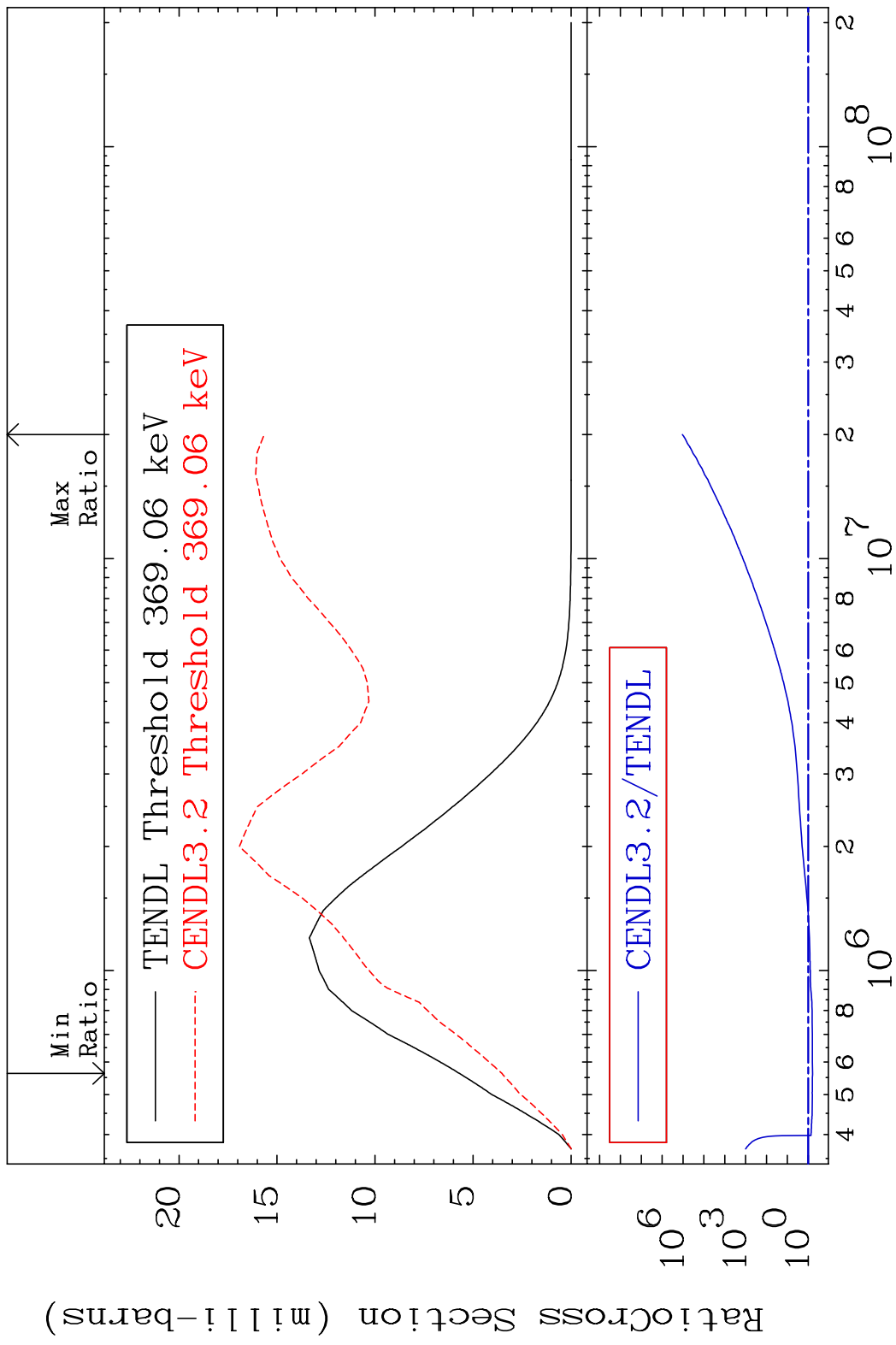


10 10 2 3 4 5 6 7 8 2 3 4 5 7 8 10 32-Ge-73

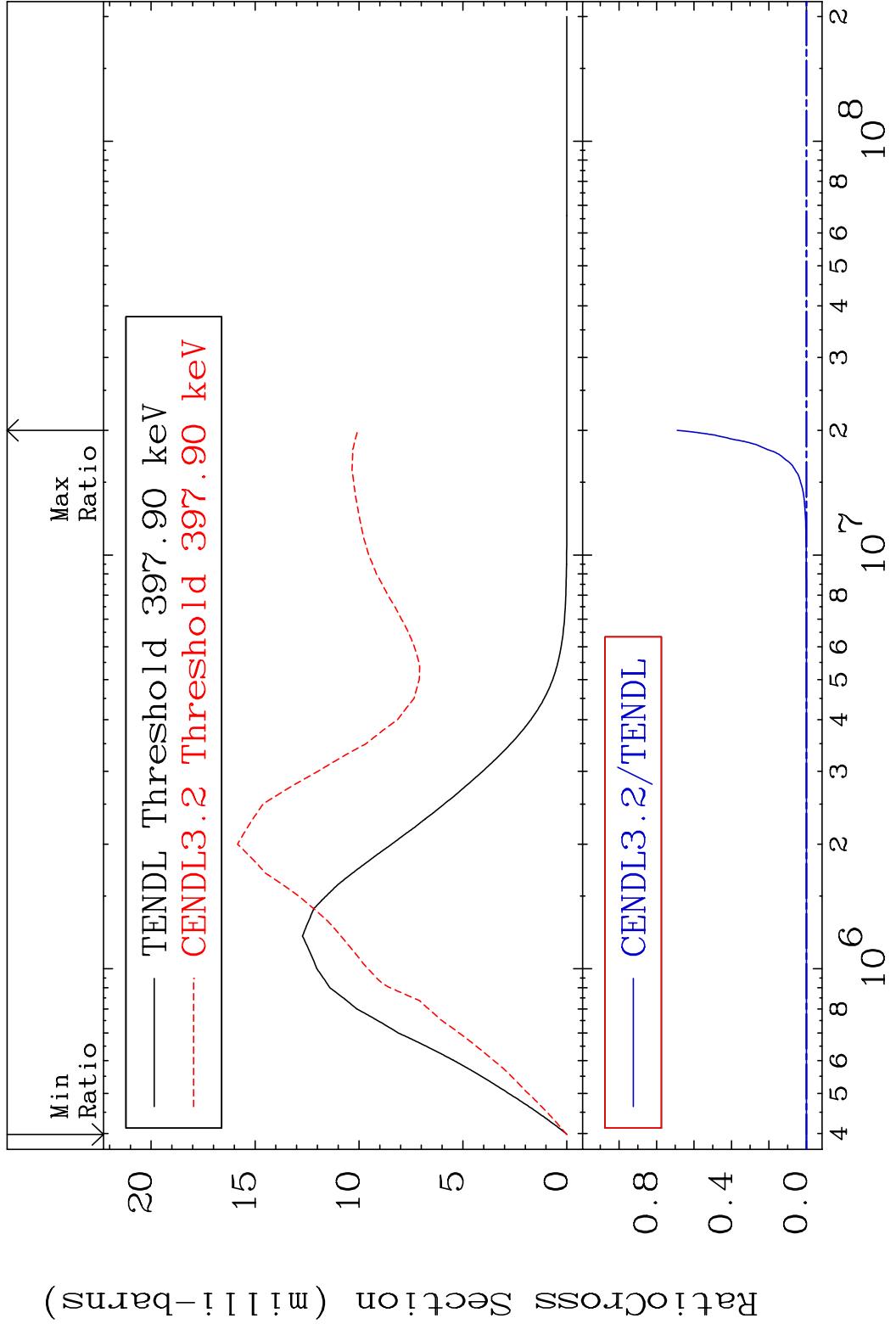
MAT 3234 MT= 54 (n,n') Level 32-Ge-73
 Cross Section -25.77 To 9999. %



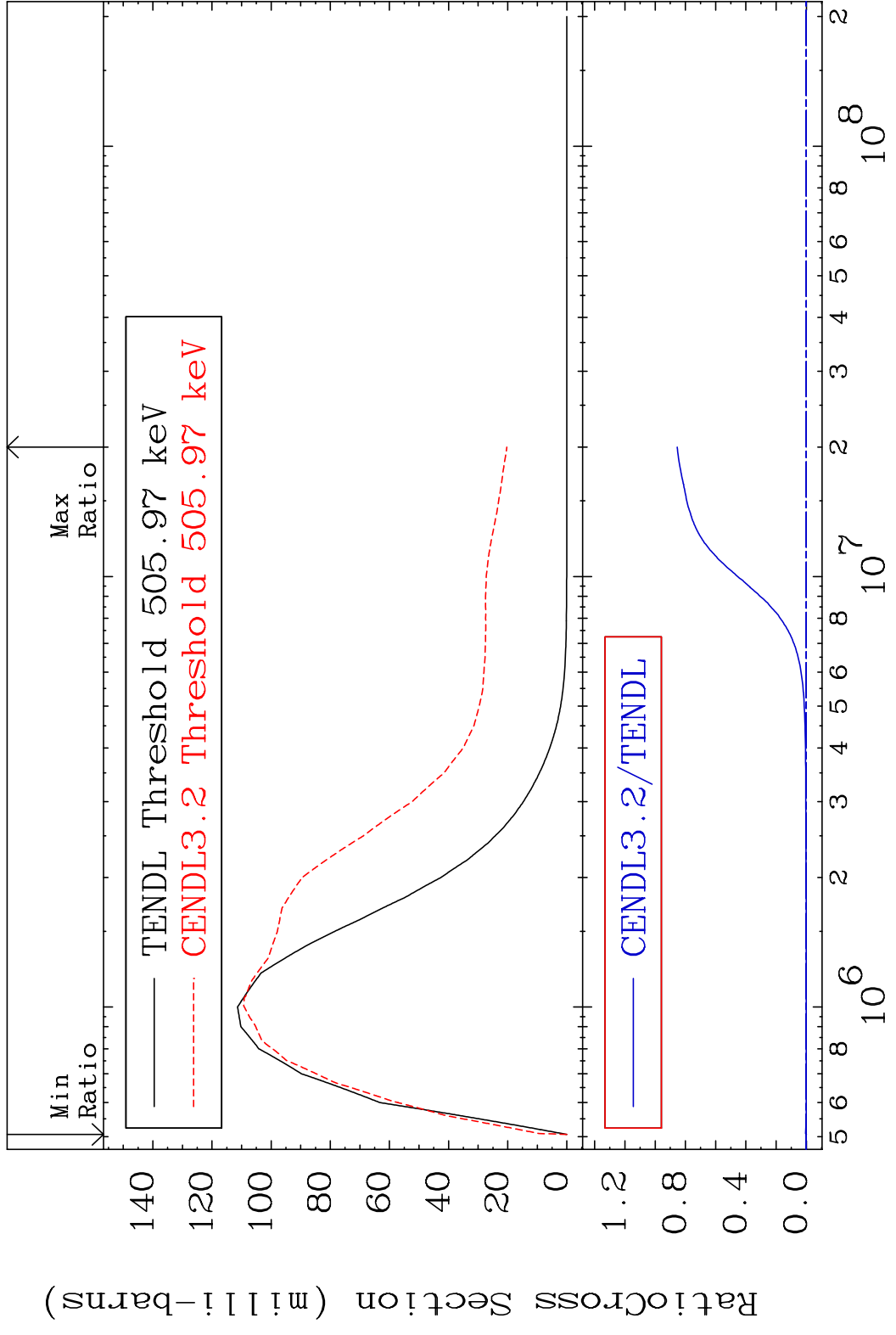
MAT 3234 MT= 55 (n,n') Level 32-Ge-73
 Cross Section -38.02 To 9999. %



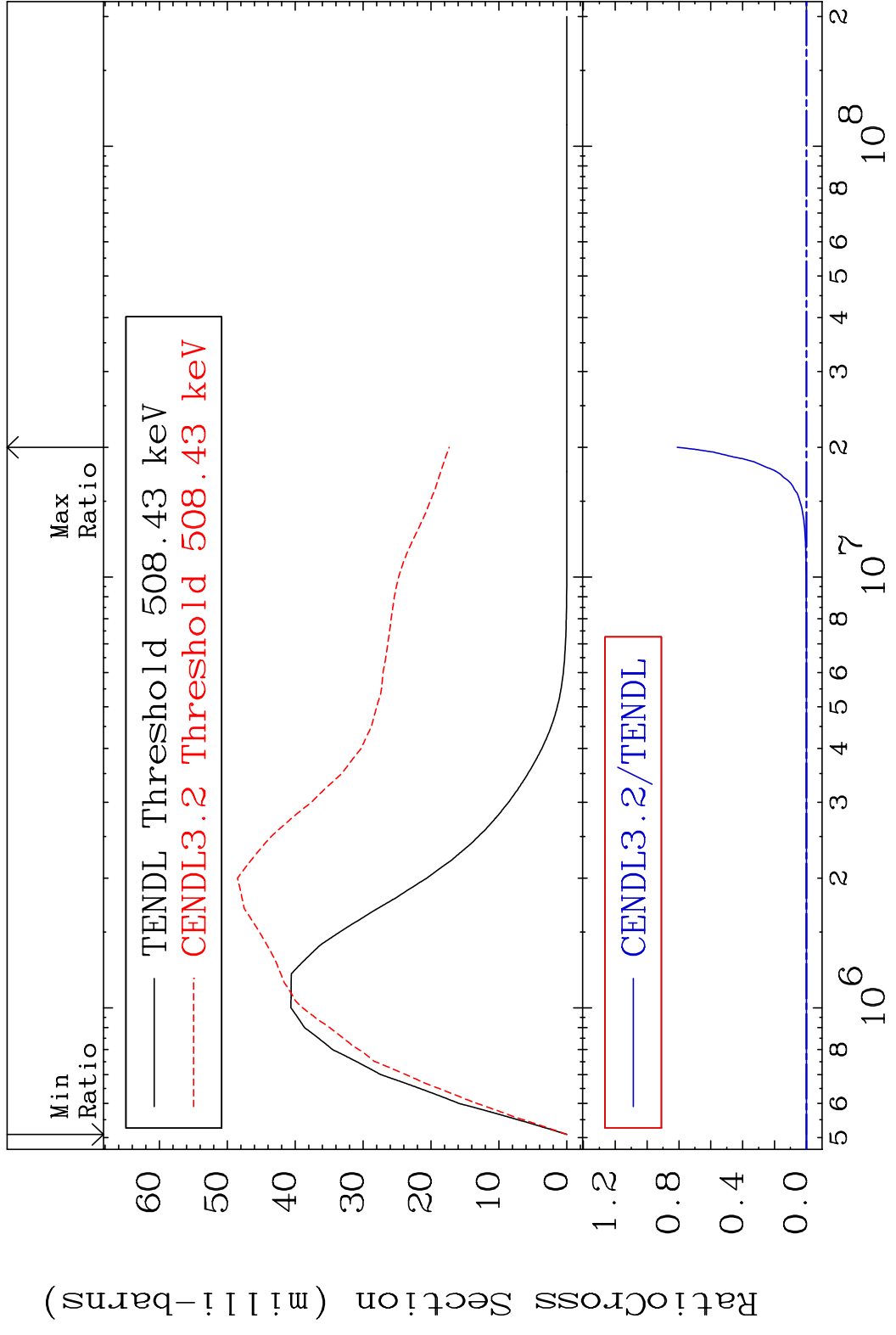
MAT 3234 MT= 56 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



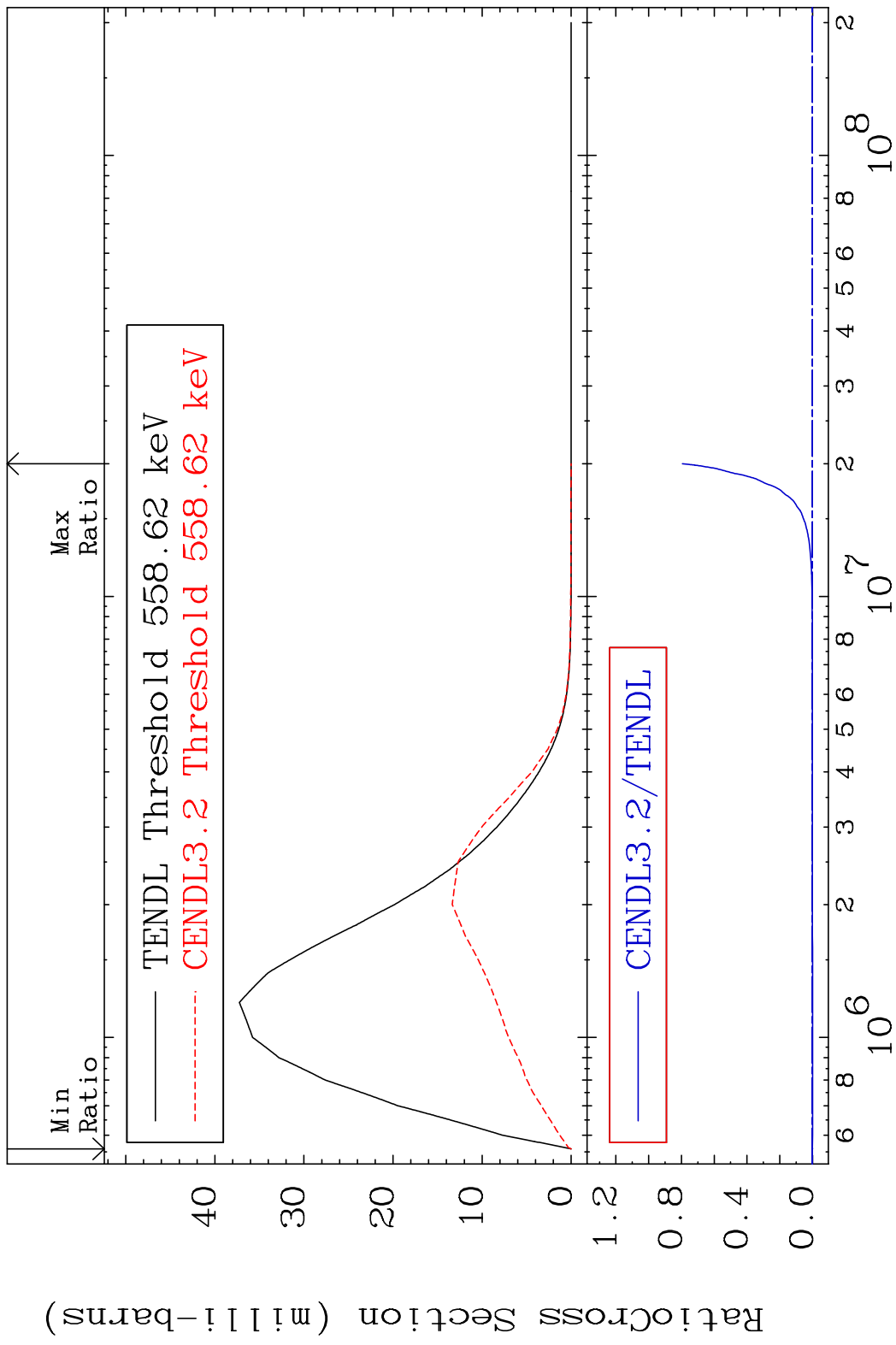
MAT 3234 MT= 57 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



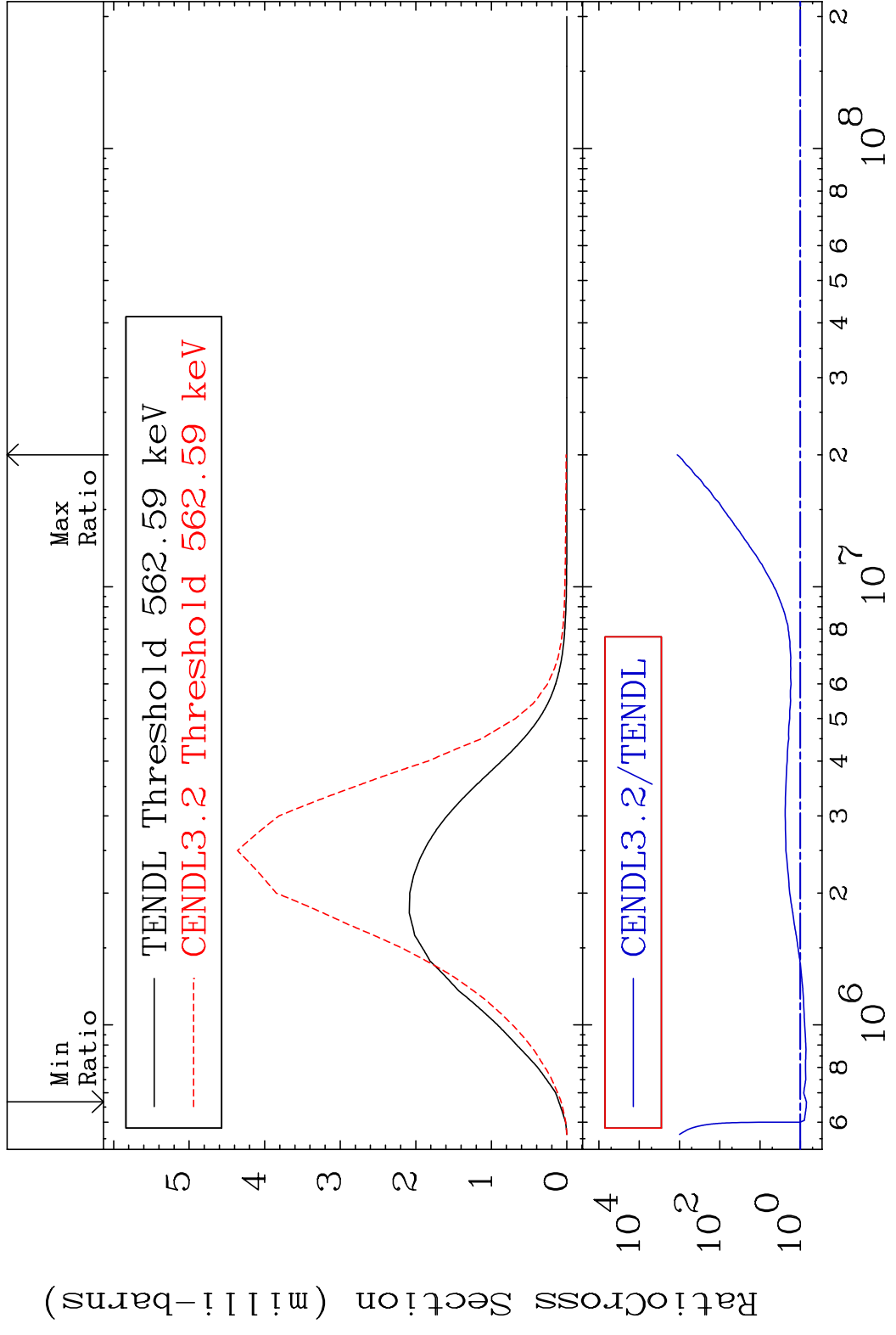
MAT 3234 MT= 58 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



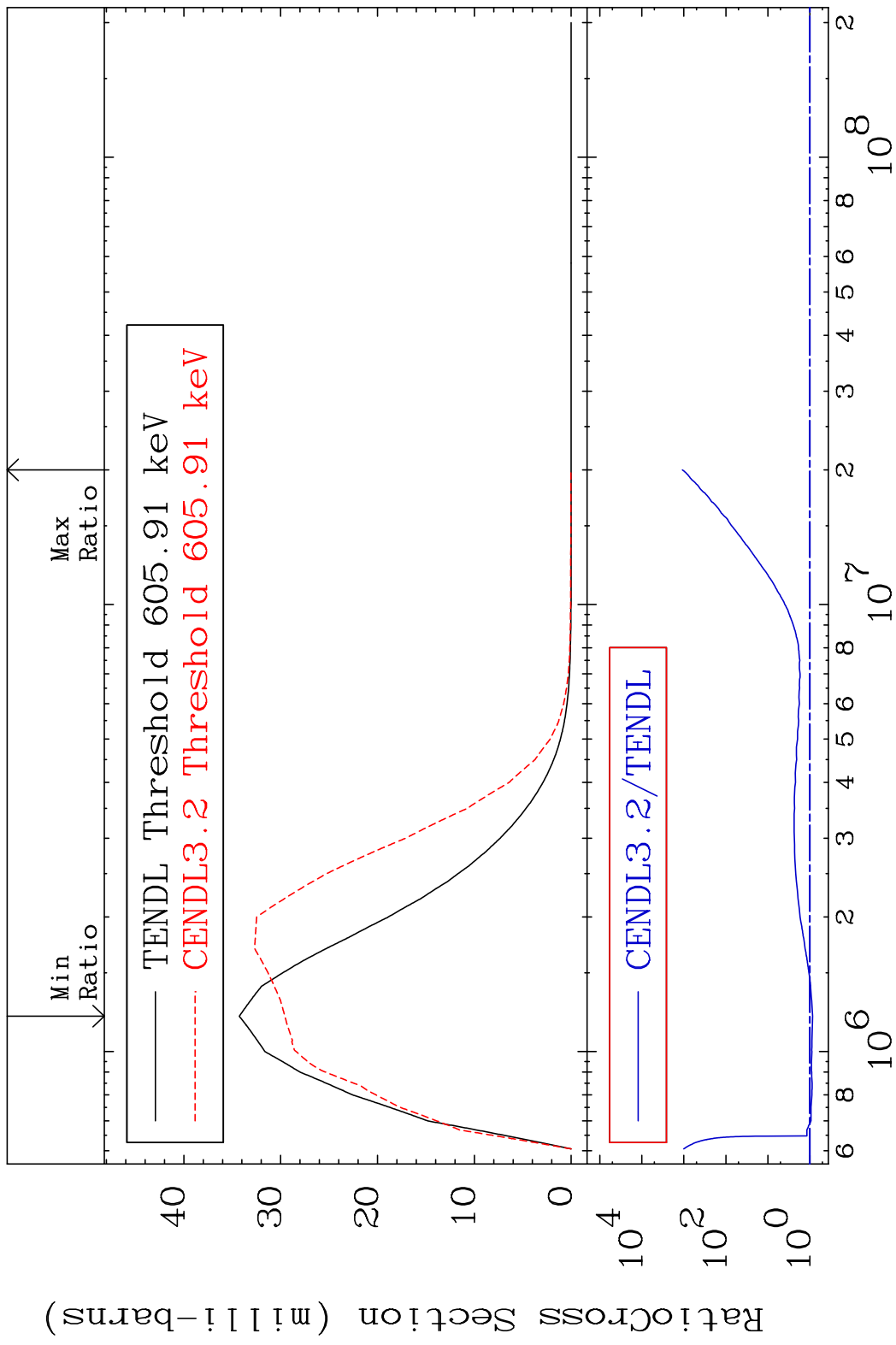
MAT 3234 MT= 59 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



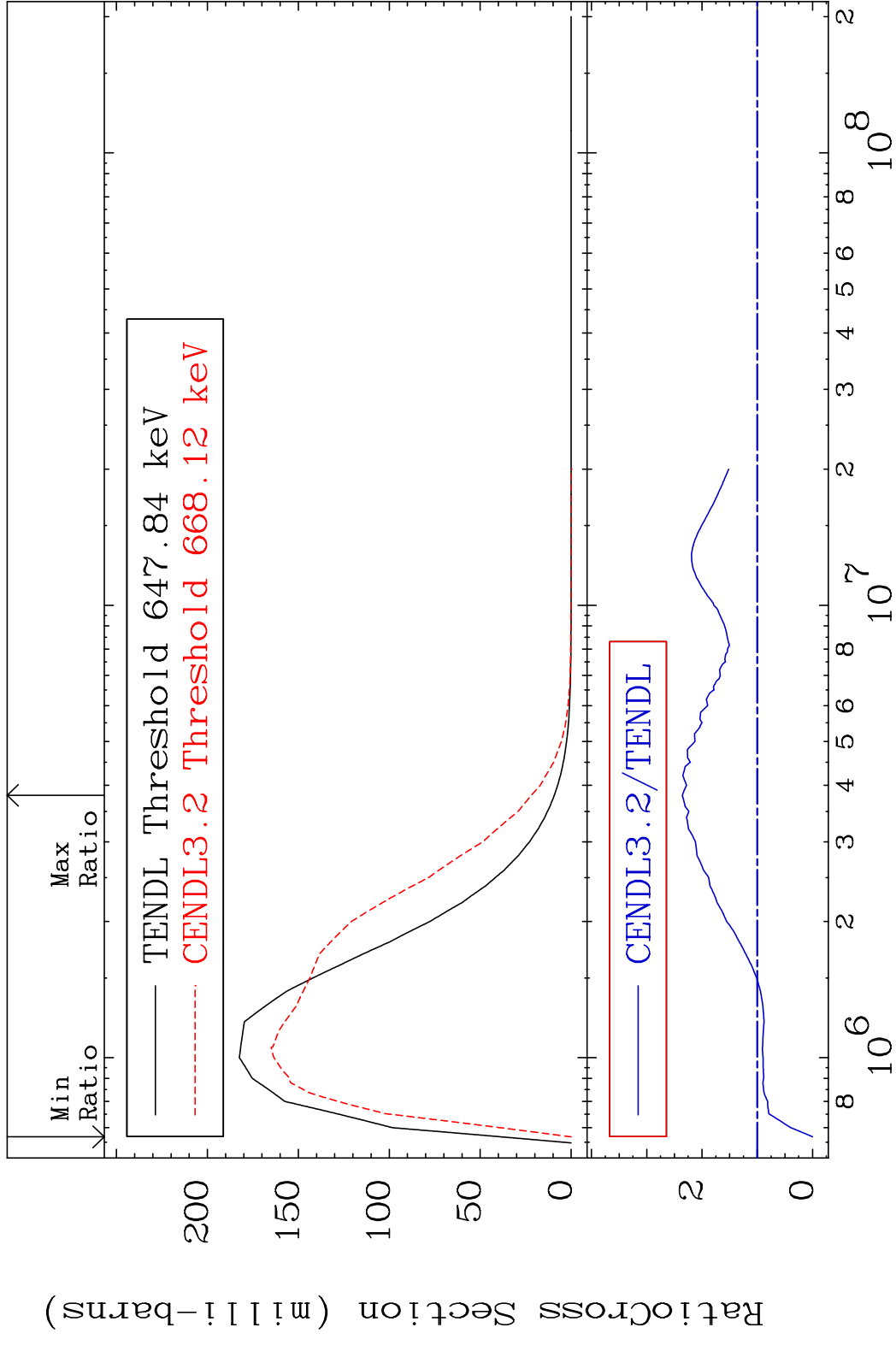
MAT 3234 MT= 60 (n, n') Level 32-Ge-73
 Cross Section -29.01 To 9999. %



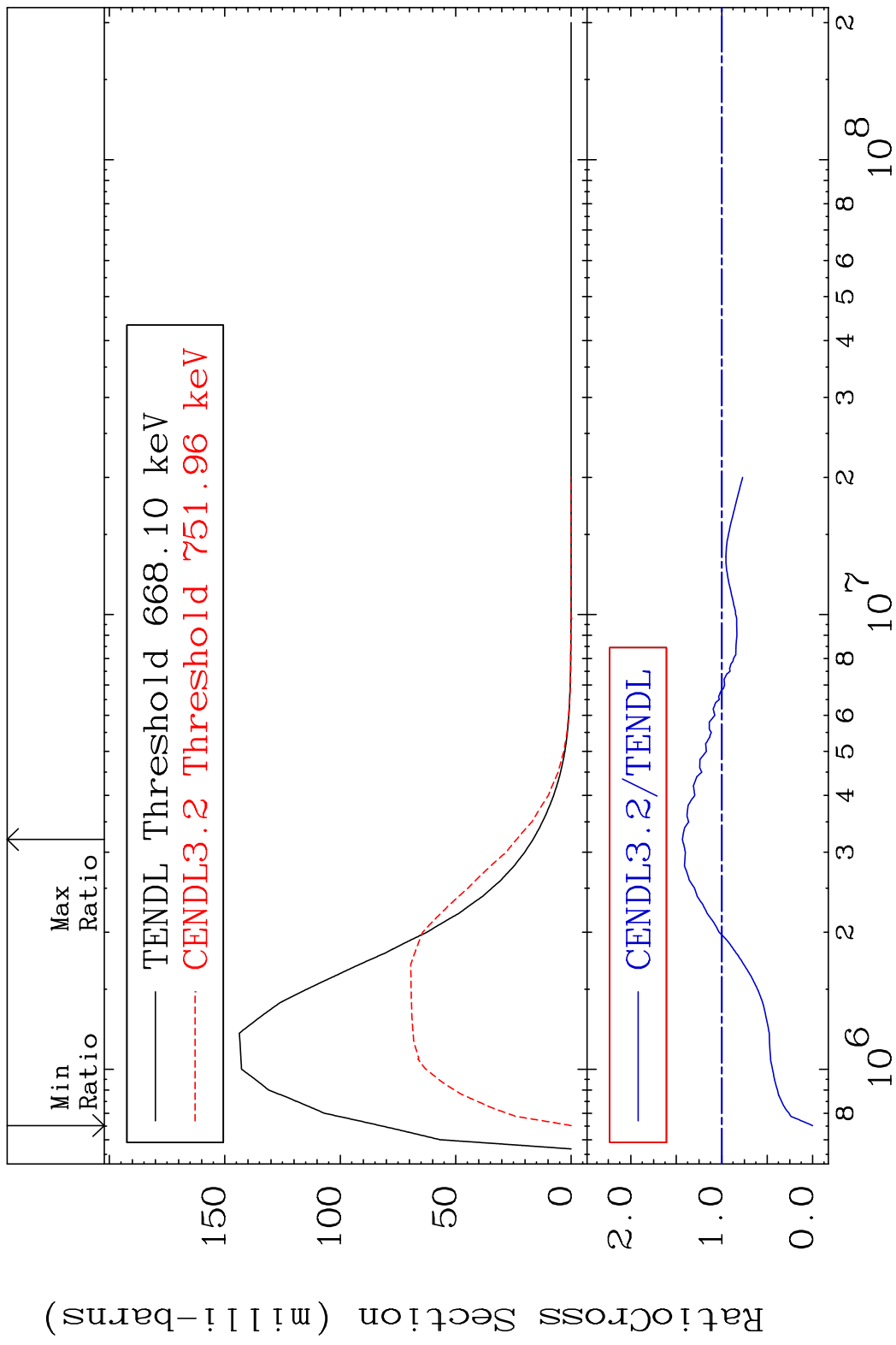
MAT 3234 MT= 61 (n, n') Level 32-Ge-73
 Cross Section -13.72 To 9999. %



MAT 3234 MT= 62 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 135.6 %

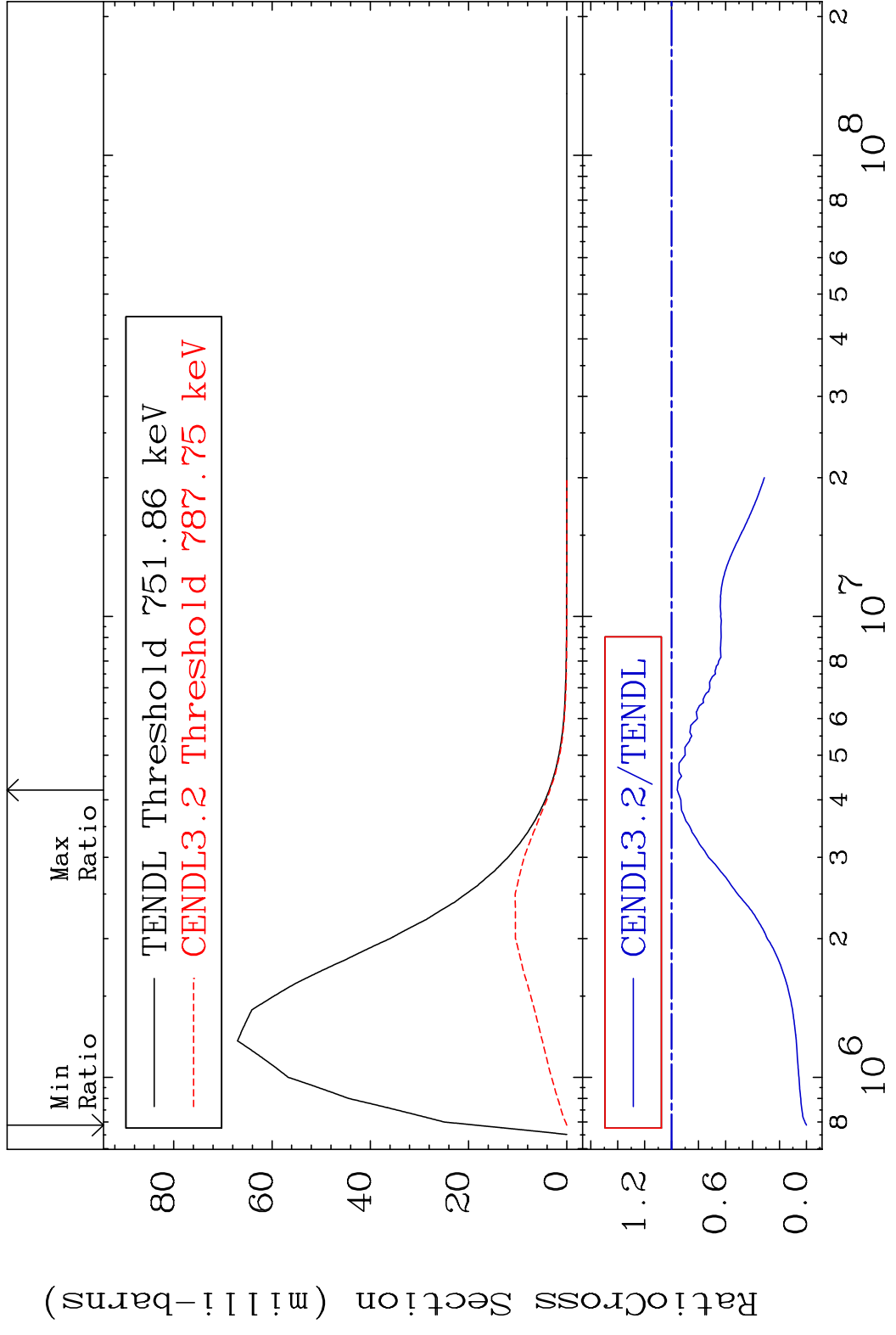


MAT 3234 MT= 63 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 43.37 %

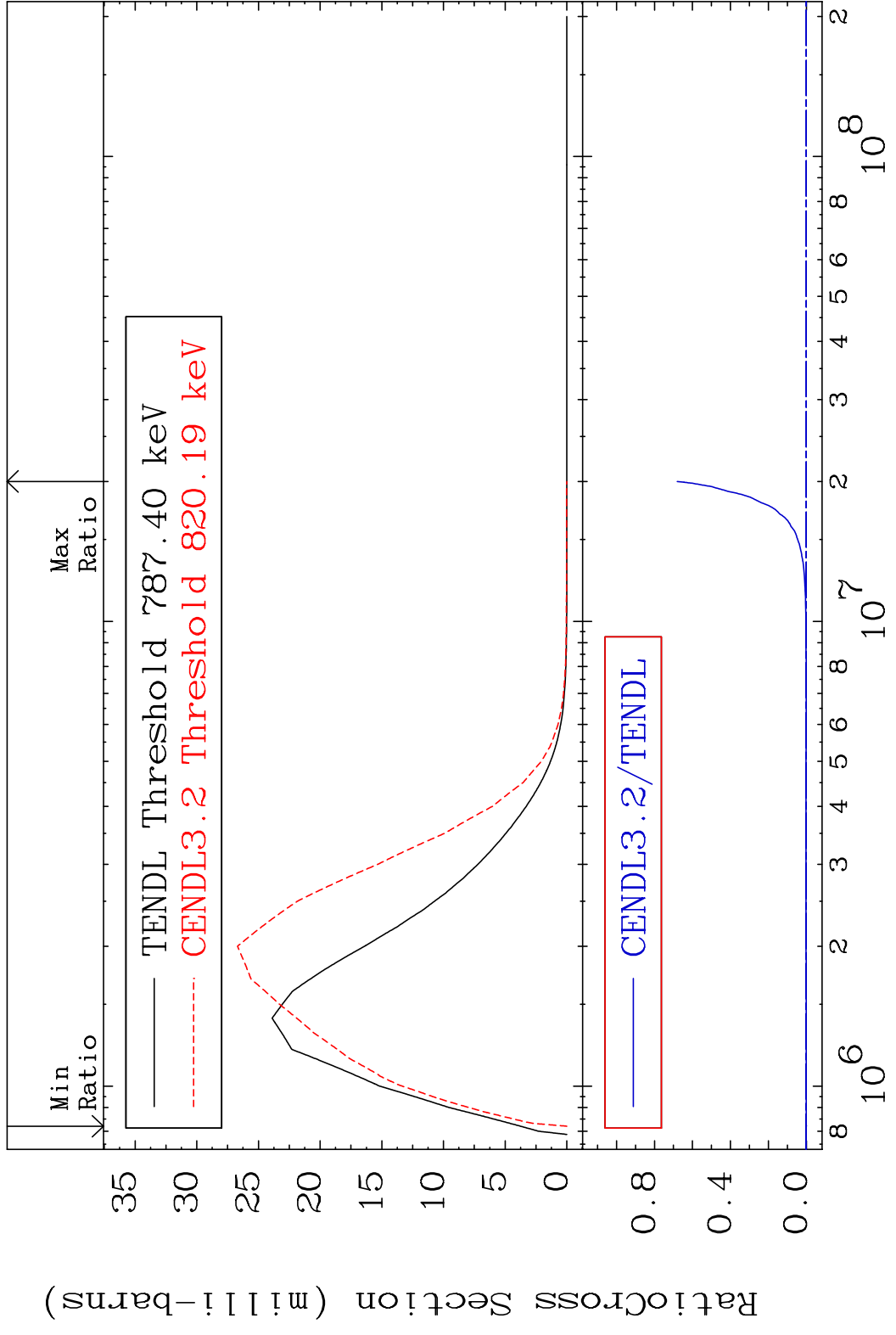


20 Incident Energy (eV) 32-Ge-73

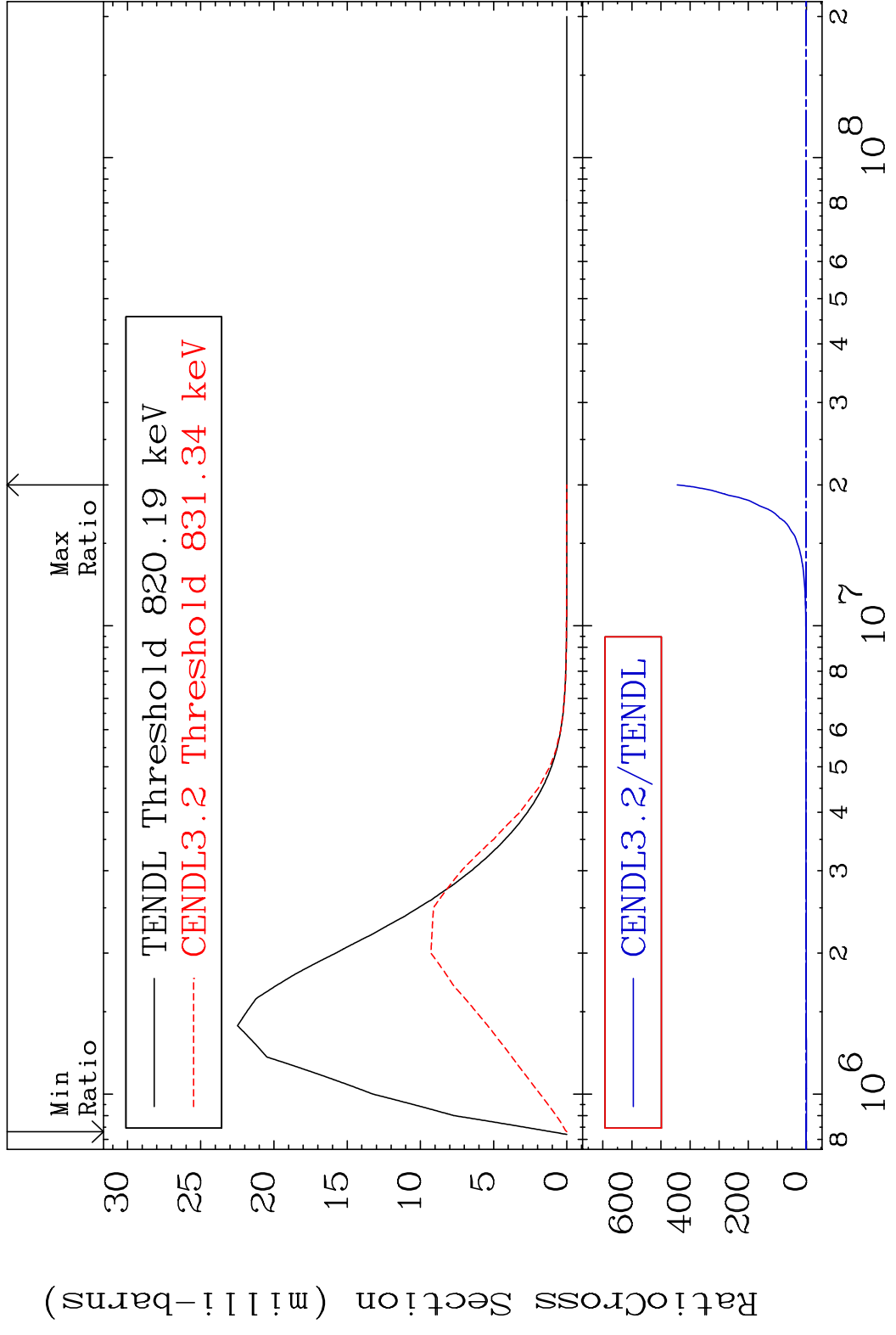
MAT 3234 MT= 64 (n,n') Level 32-Ge-73
 Cross Section -100.0 To -4.102%



MAT 3234 MT= 65 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %

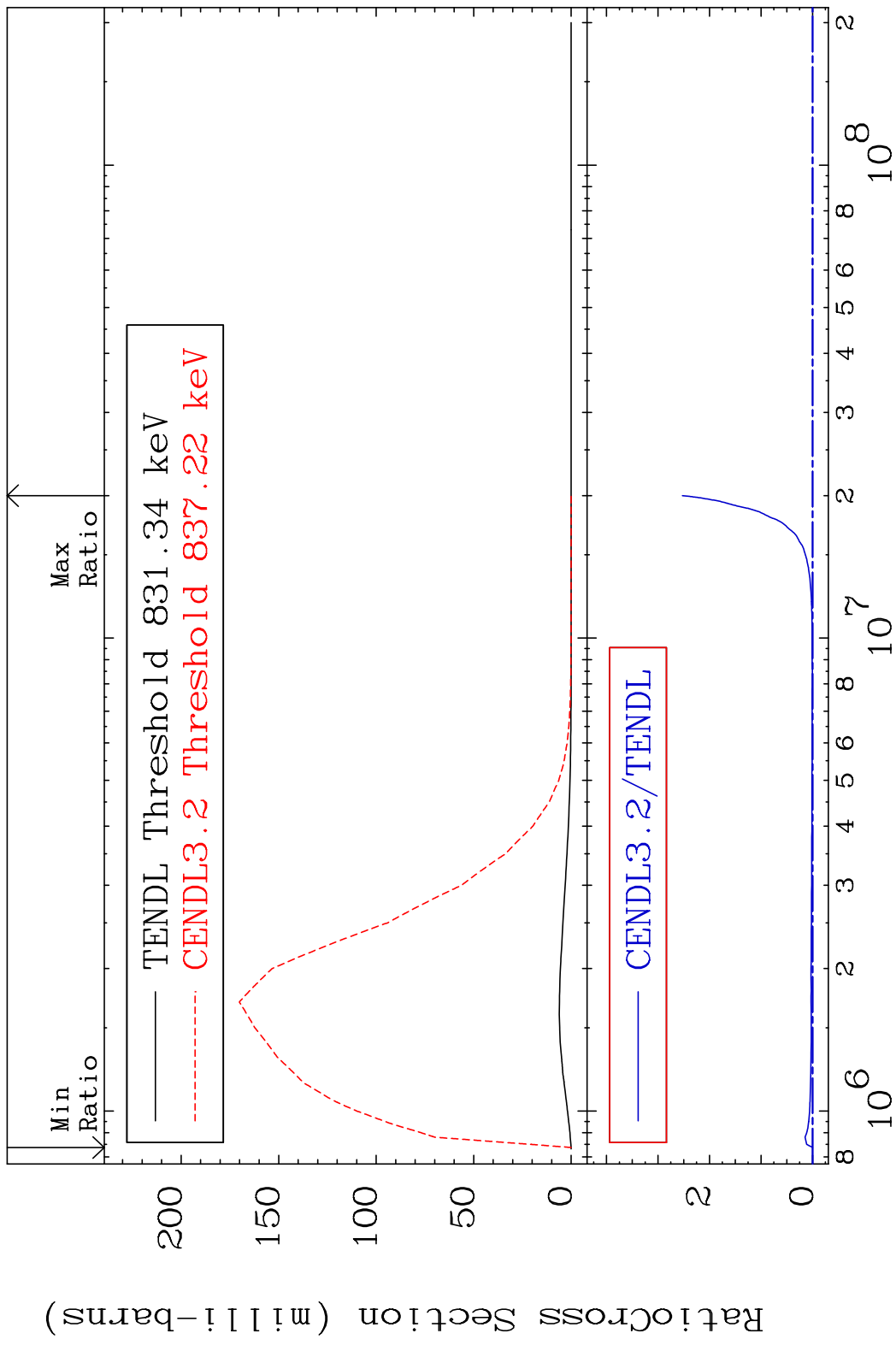


MAT 3234 MT= 66 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



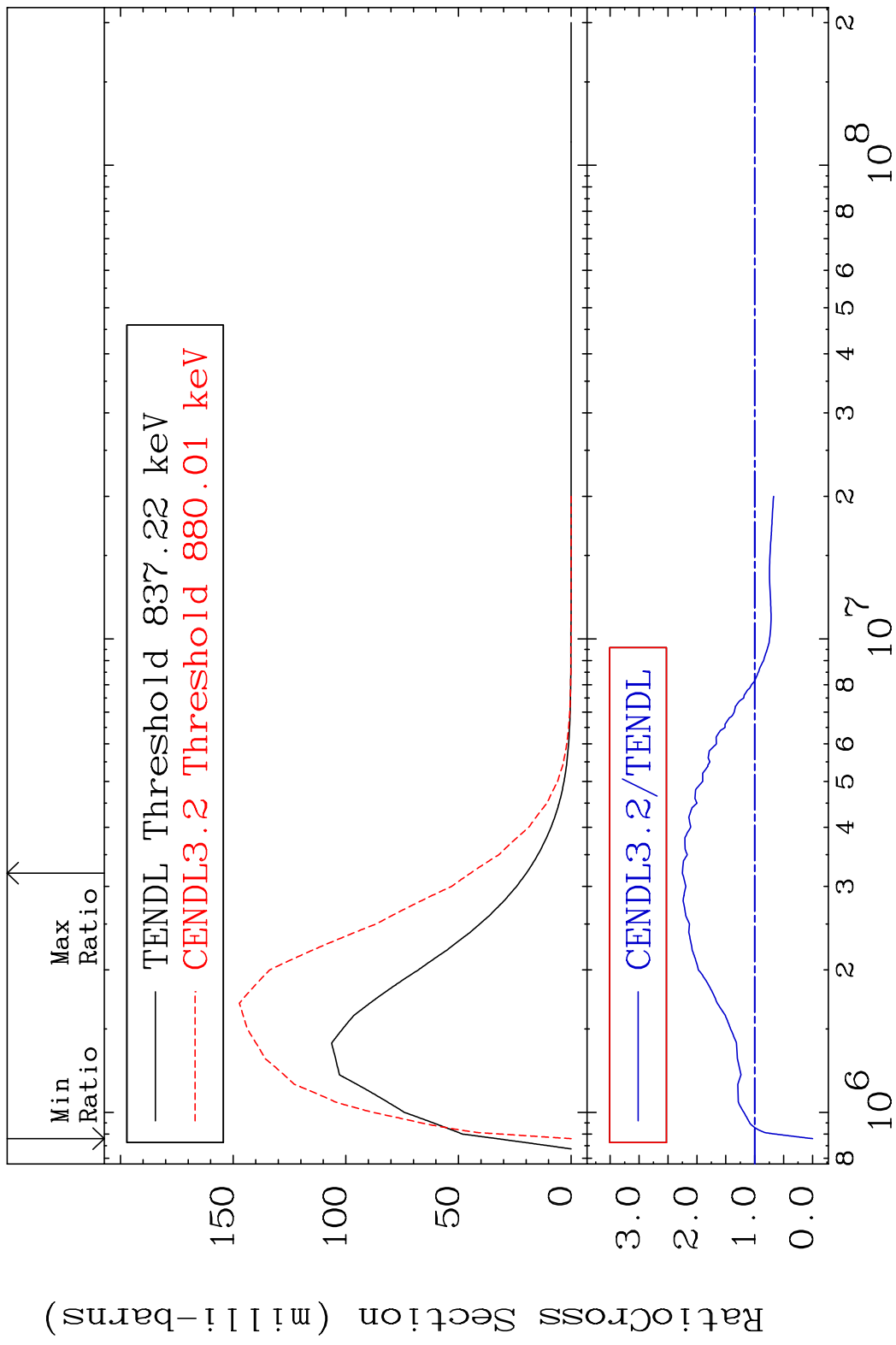
23 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 67 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



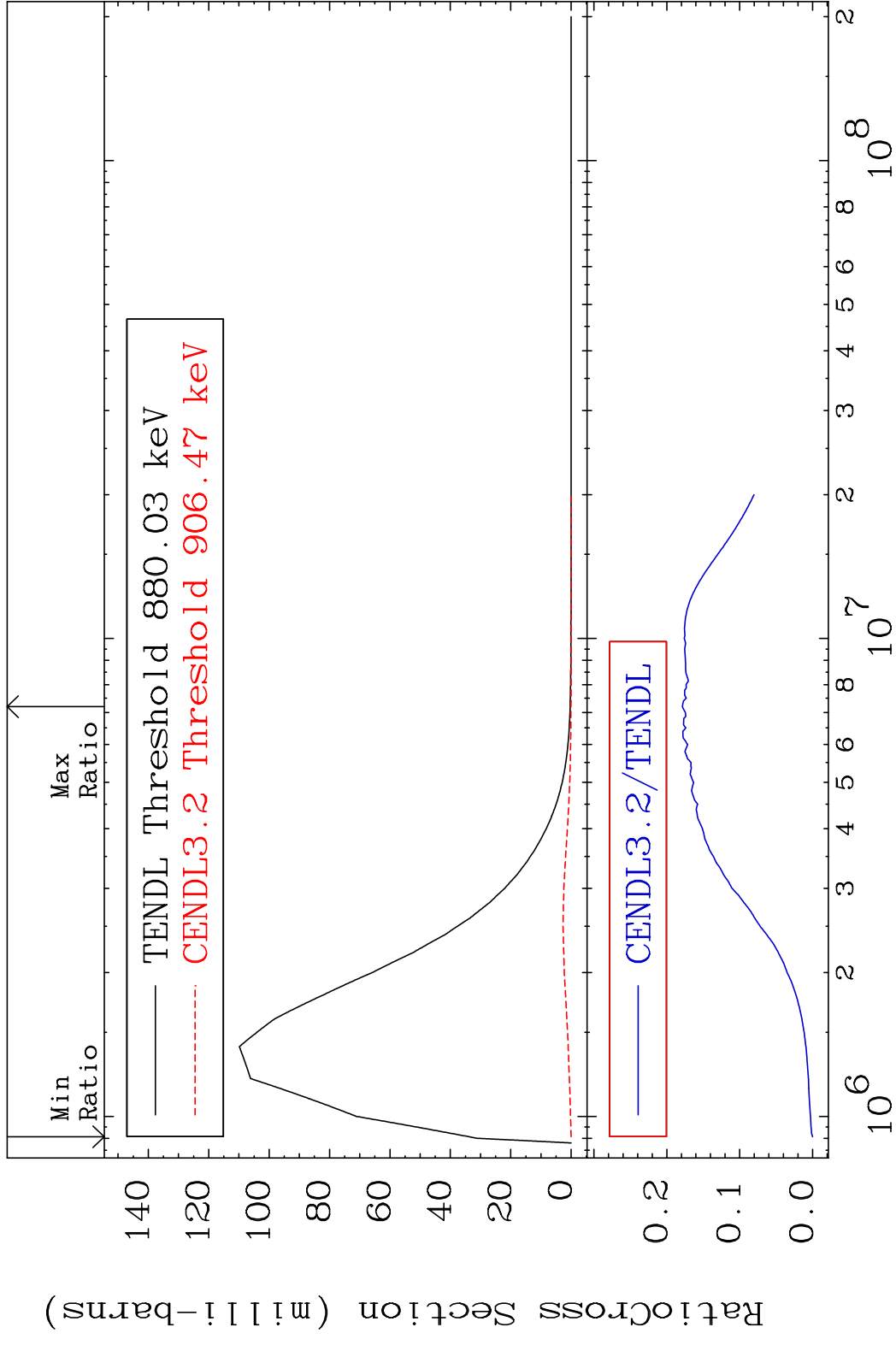
24 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 68 (n,n') Level 32-Ge-73
 Cross Section -100.0 To 125.2 %

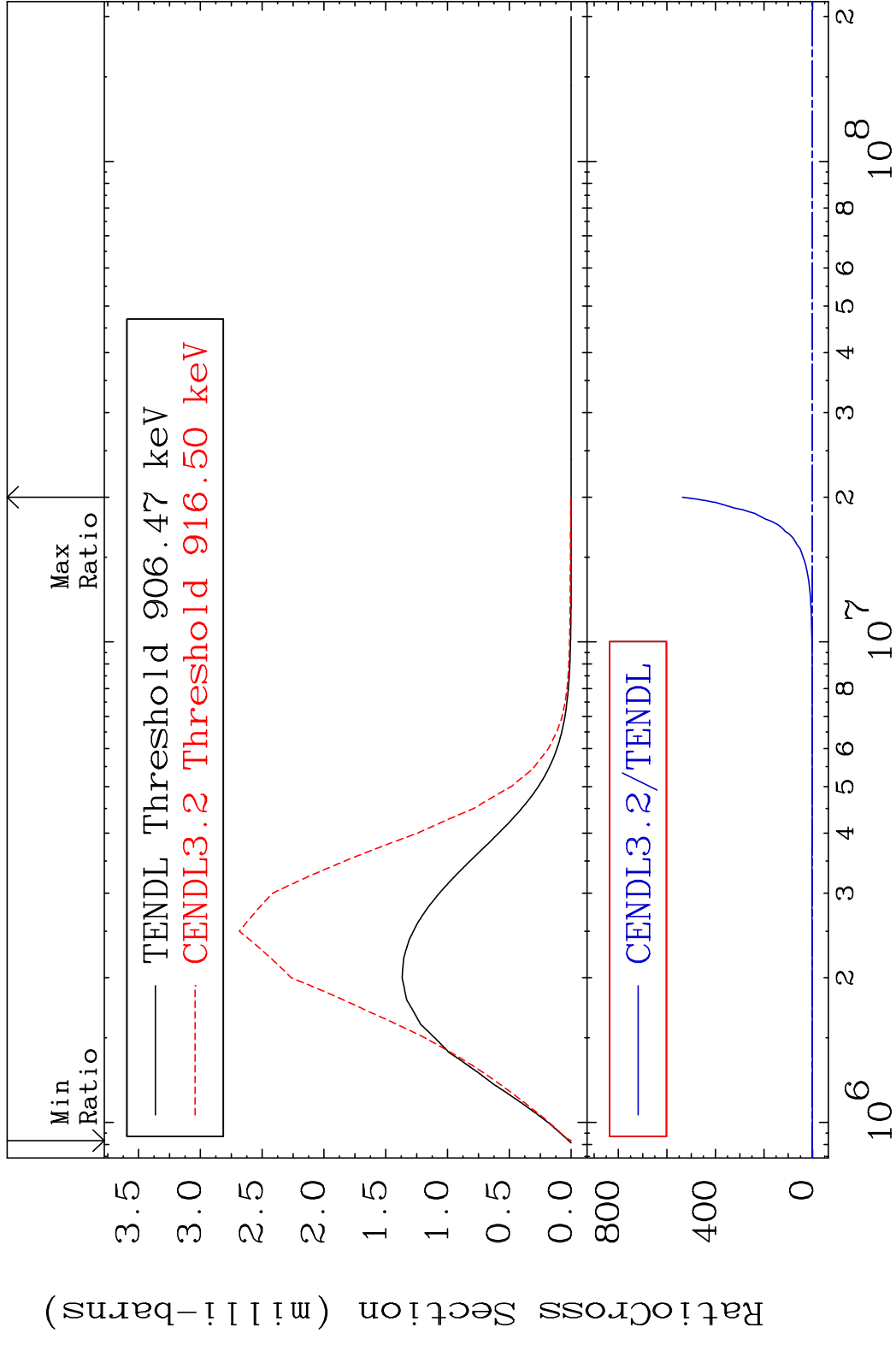


25 Incident Energy (eV) 32-Ge-73

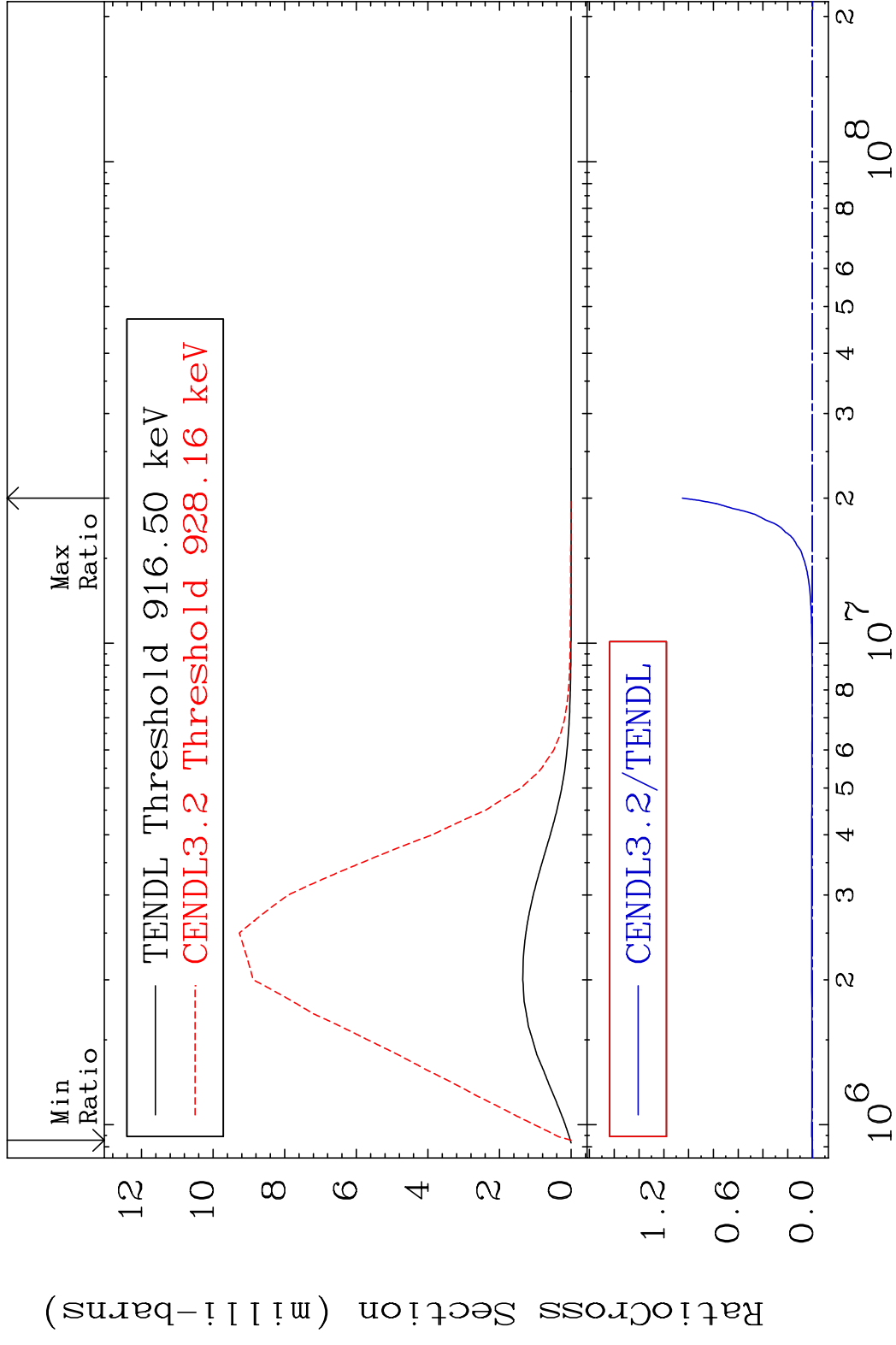
MAT 3234 MT= 69 (n, n') Level 32-Ge-73
 Cross Section -100.0 To -82.13%



MAT 3234 MT= 70 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %

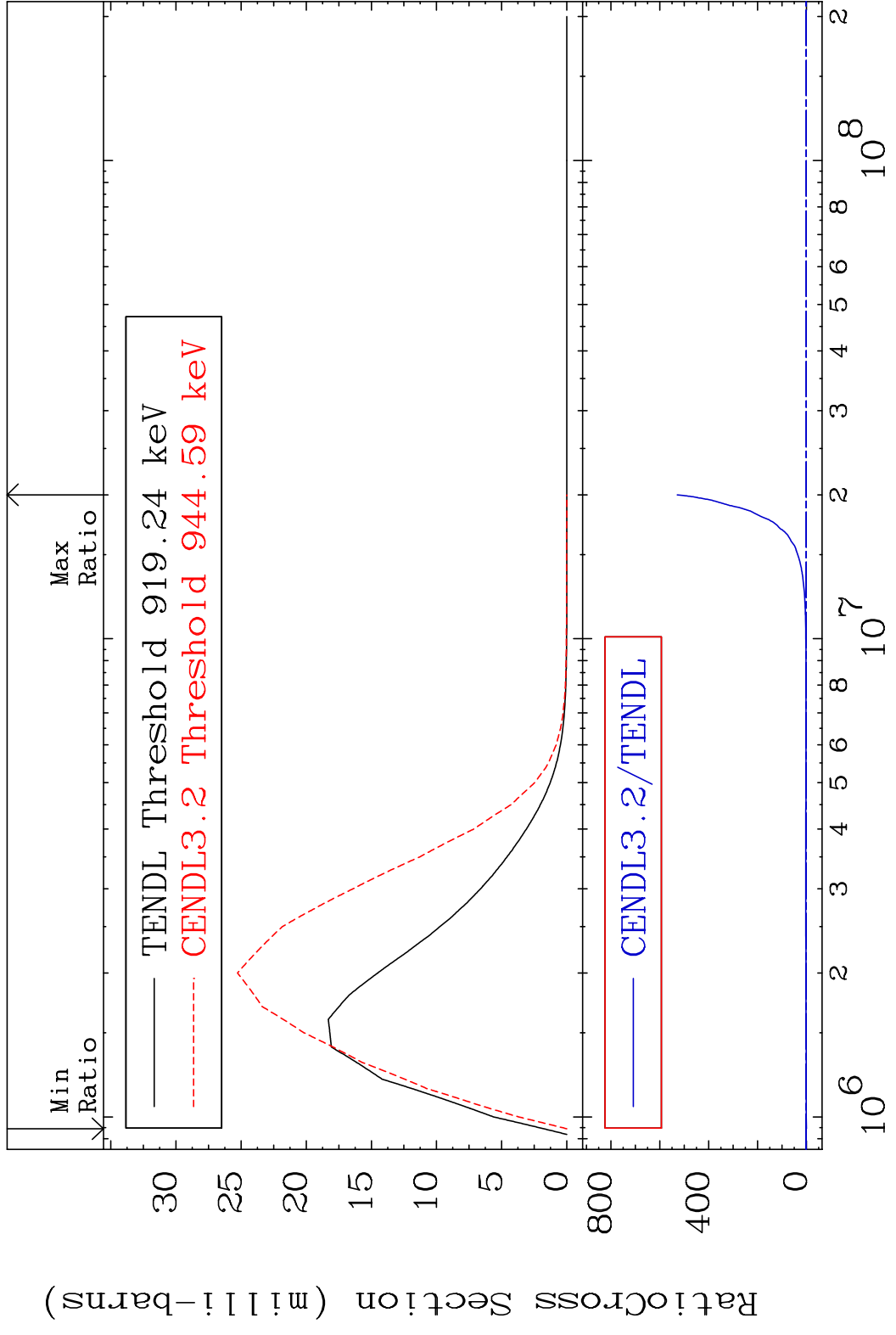


MAT 3234 MT= 71 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %

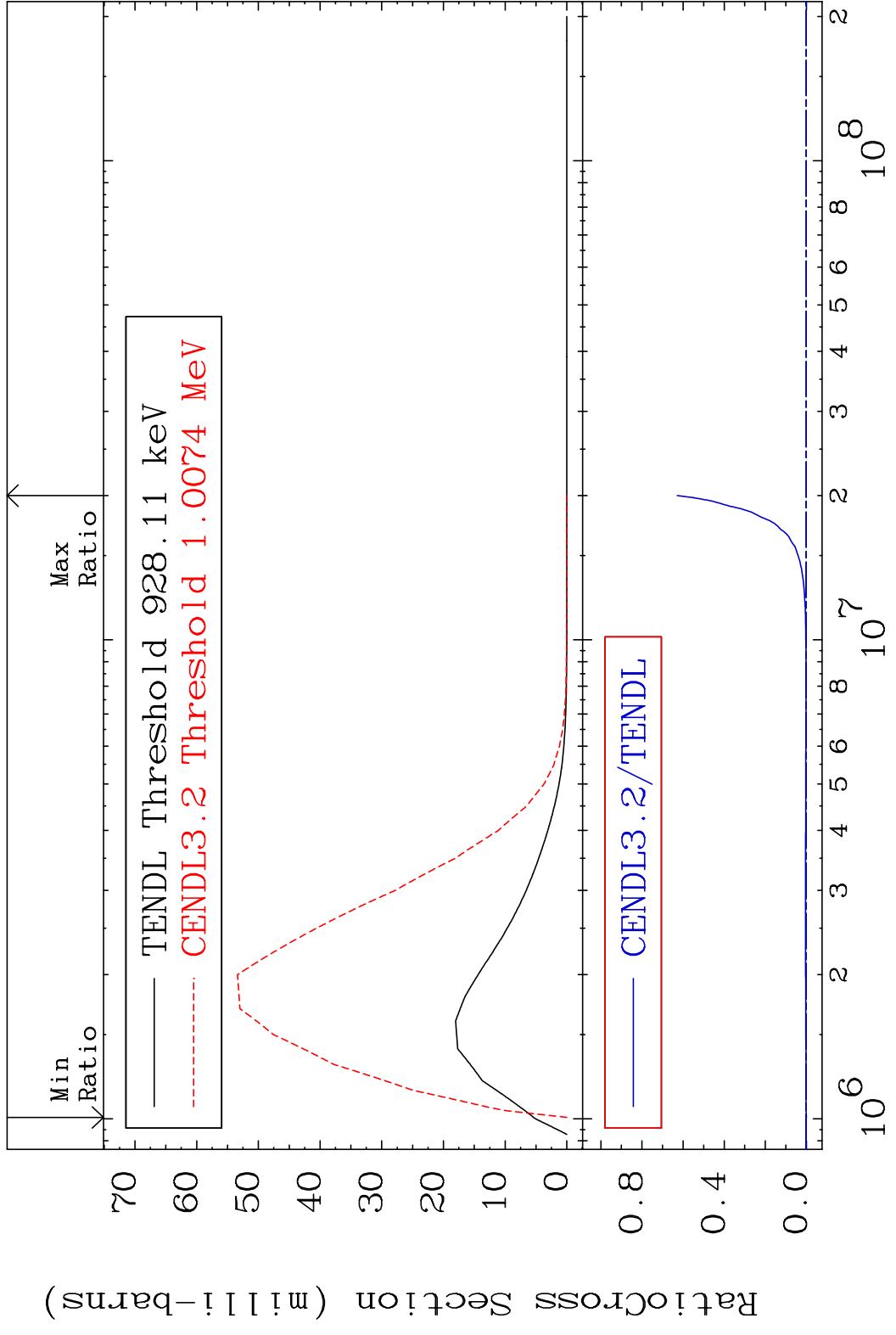


28 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 72 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %

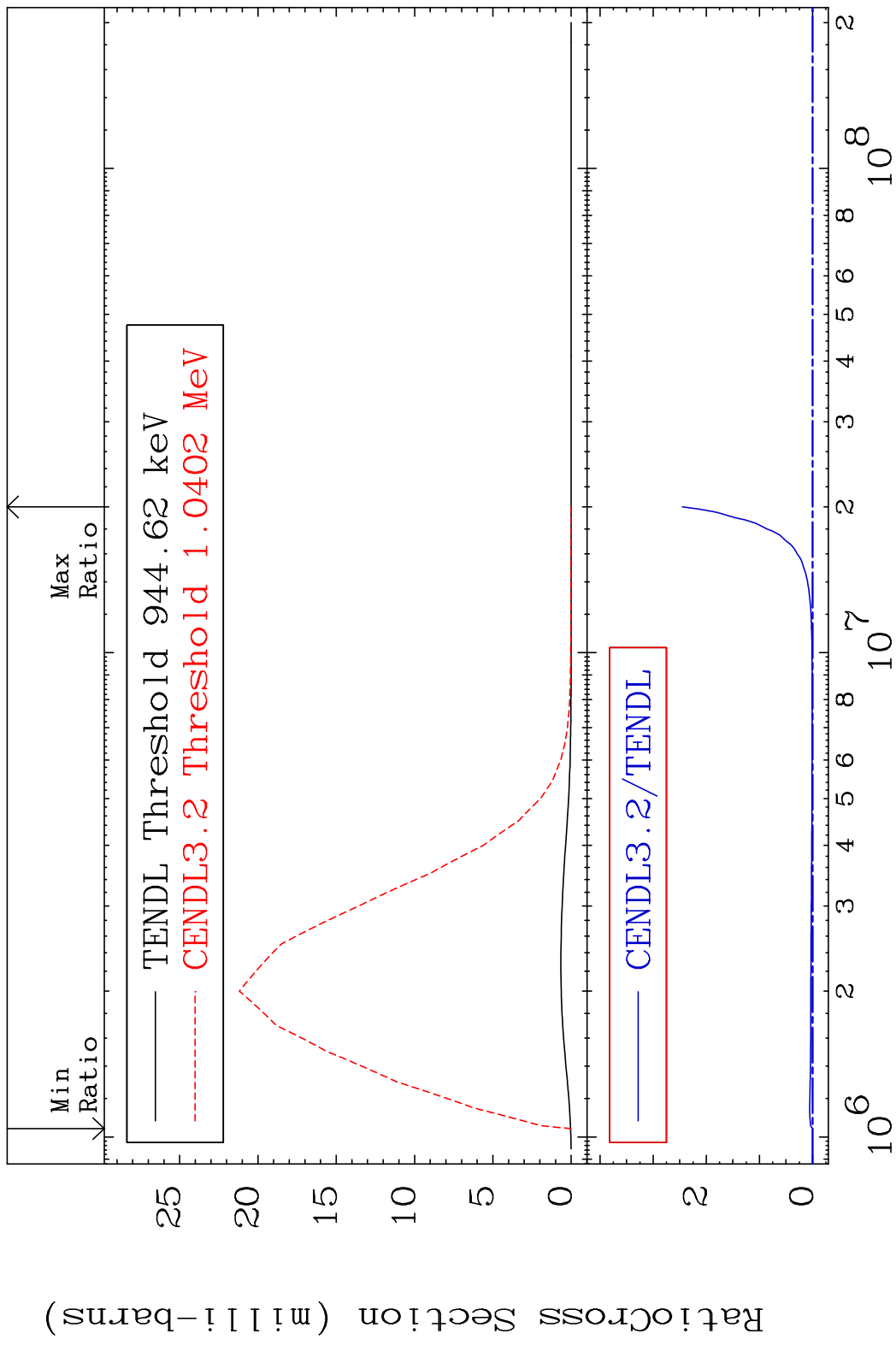


MAT 3234 MT= 73 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



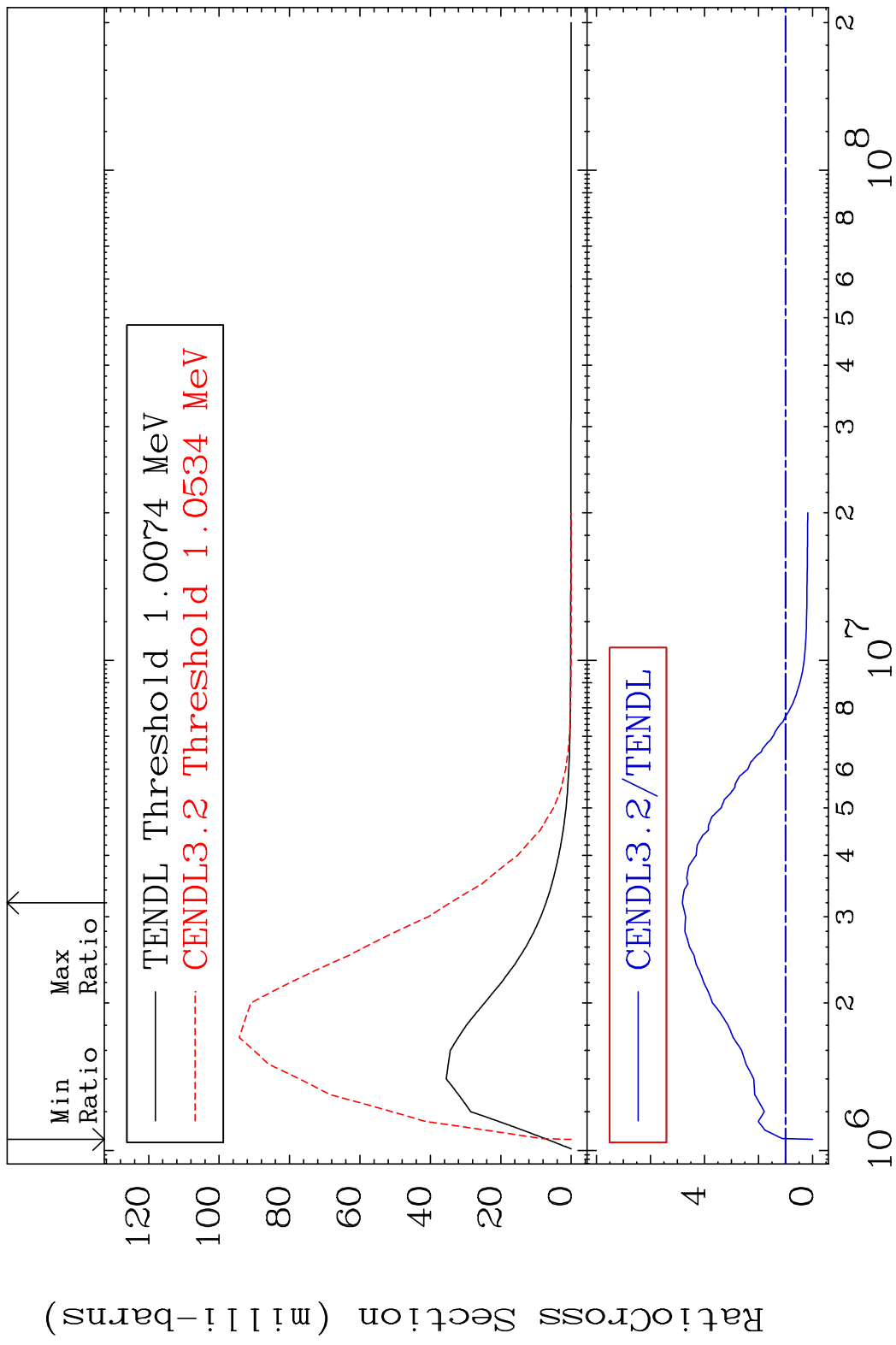
30 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 74 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



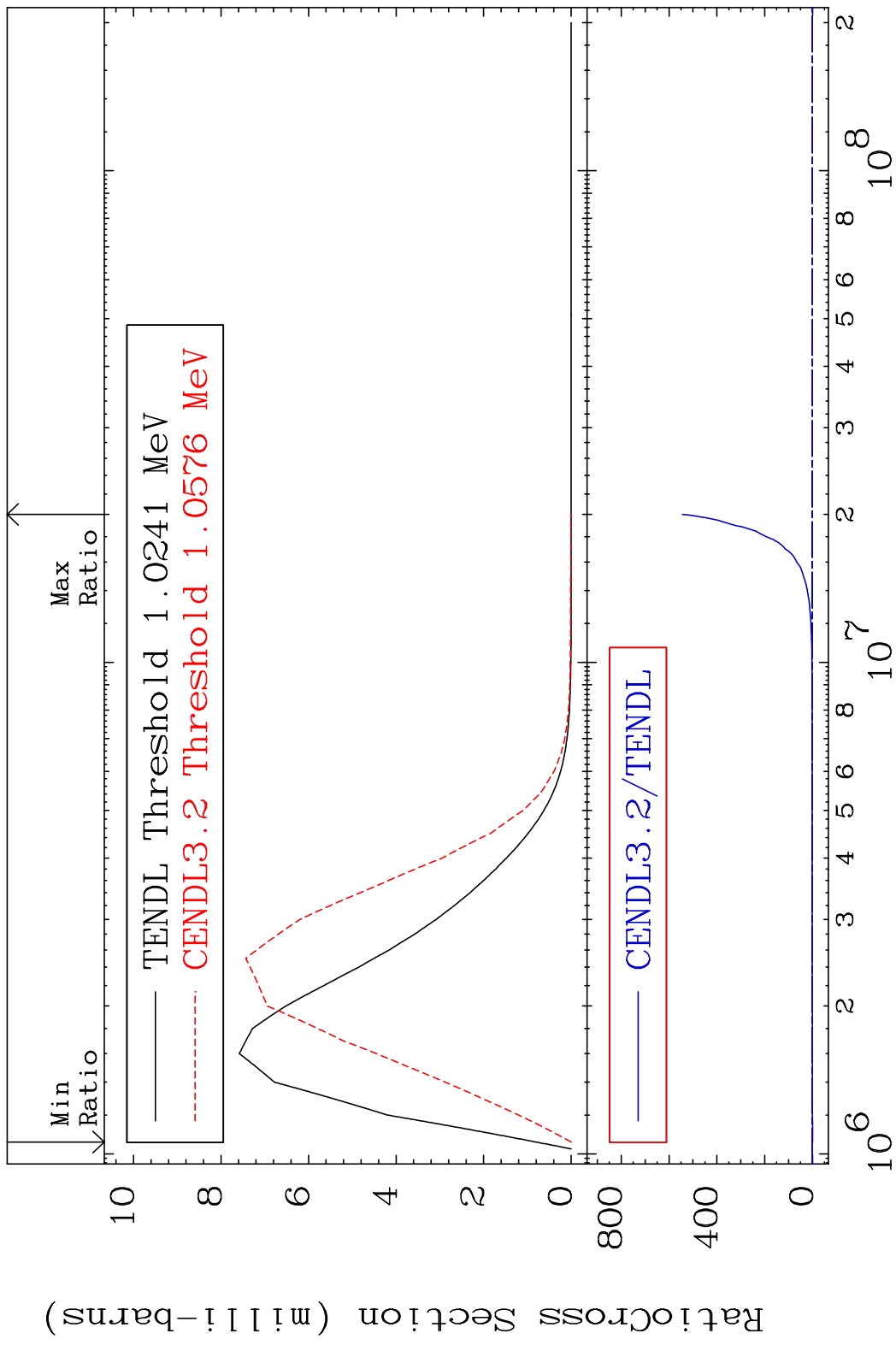
31 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 75 (n,n') Level 32-Ge-73
 Cross Section -100.0 To 381.7 %



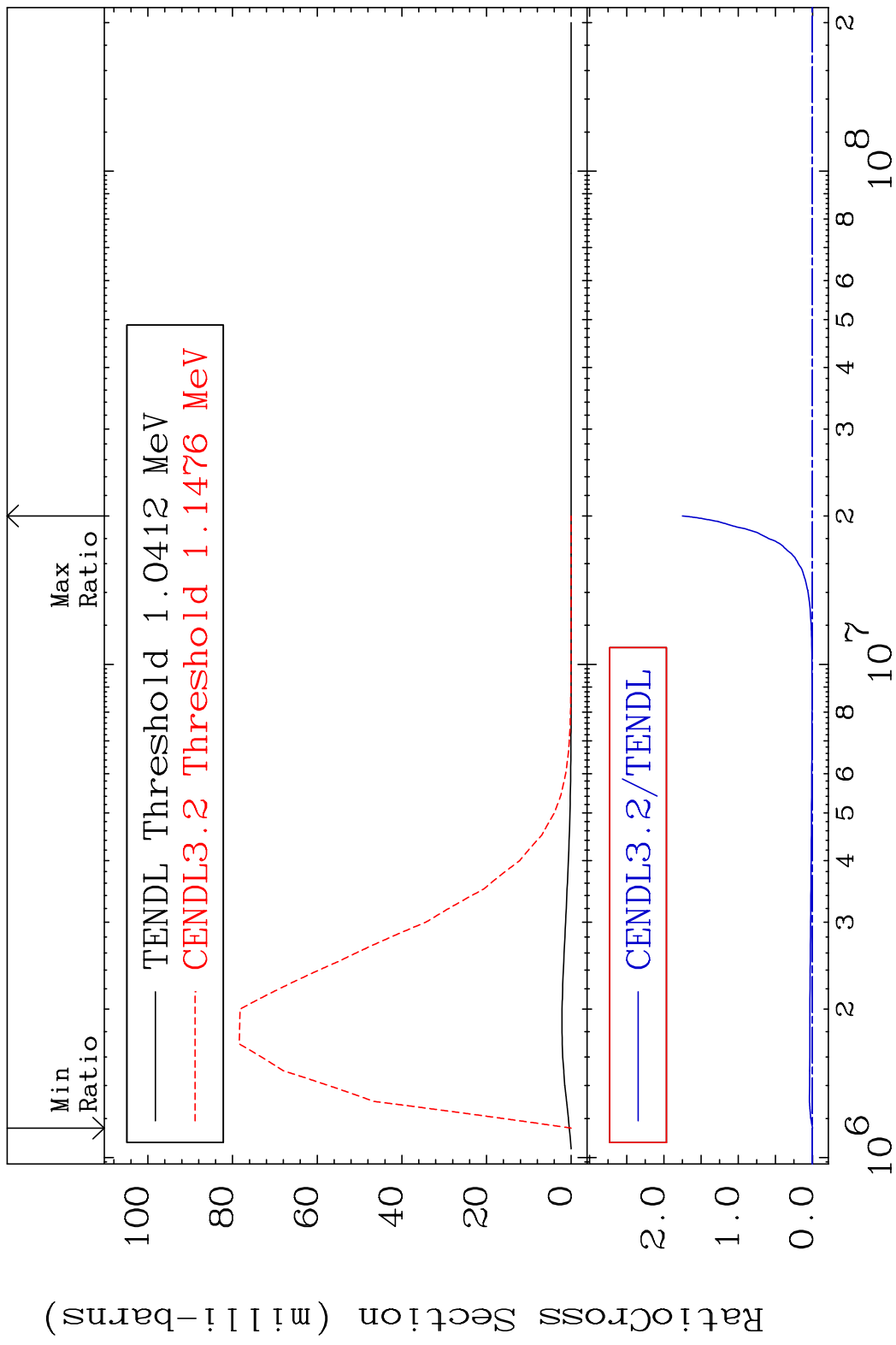
32 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 76 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



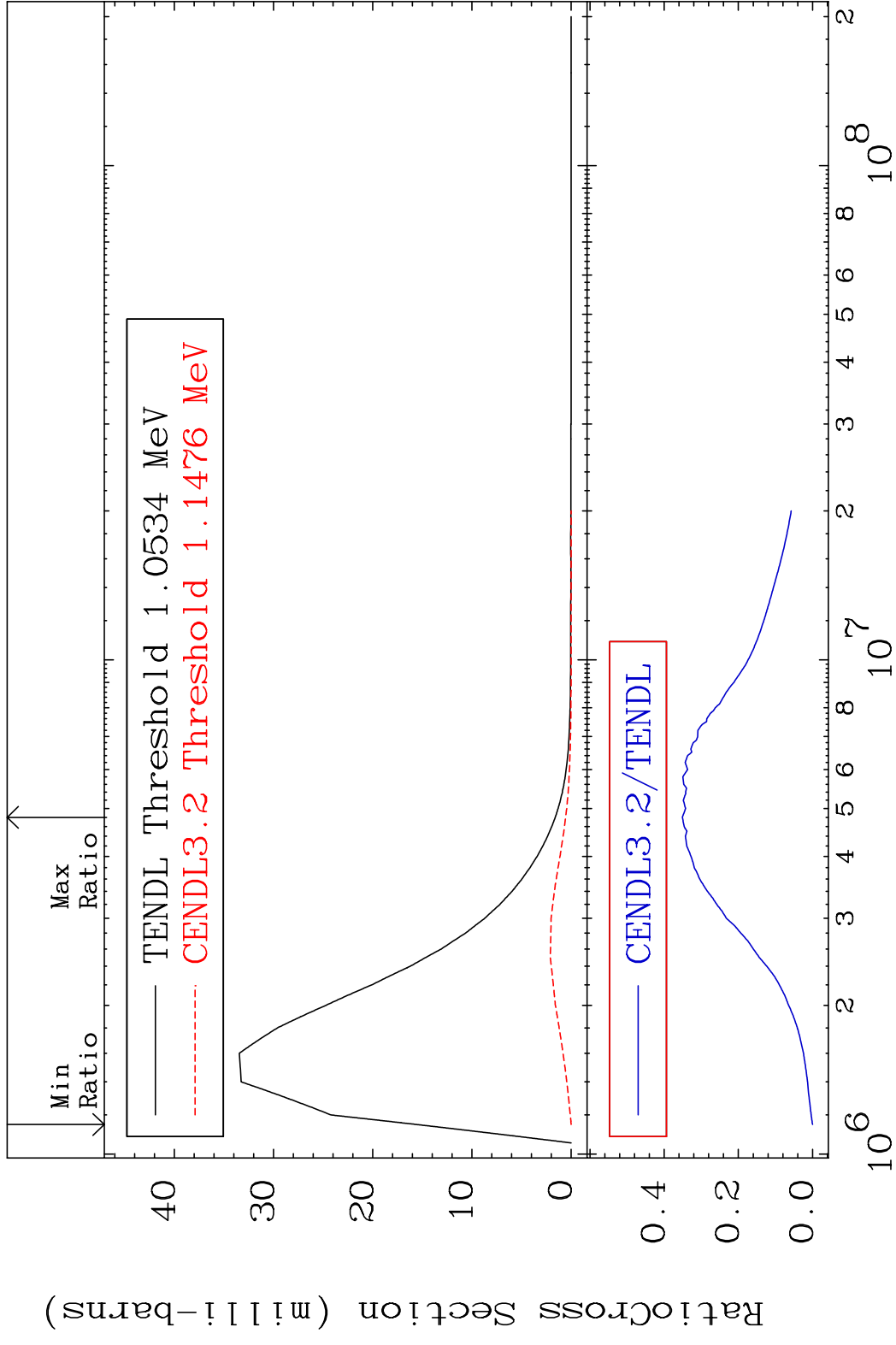
33 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 77 (n, n') Level 32-Ge-73
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 78 (n,n') Level 32-Ge-73
 Cross Section -100.0 To -64.90%

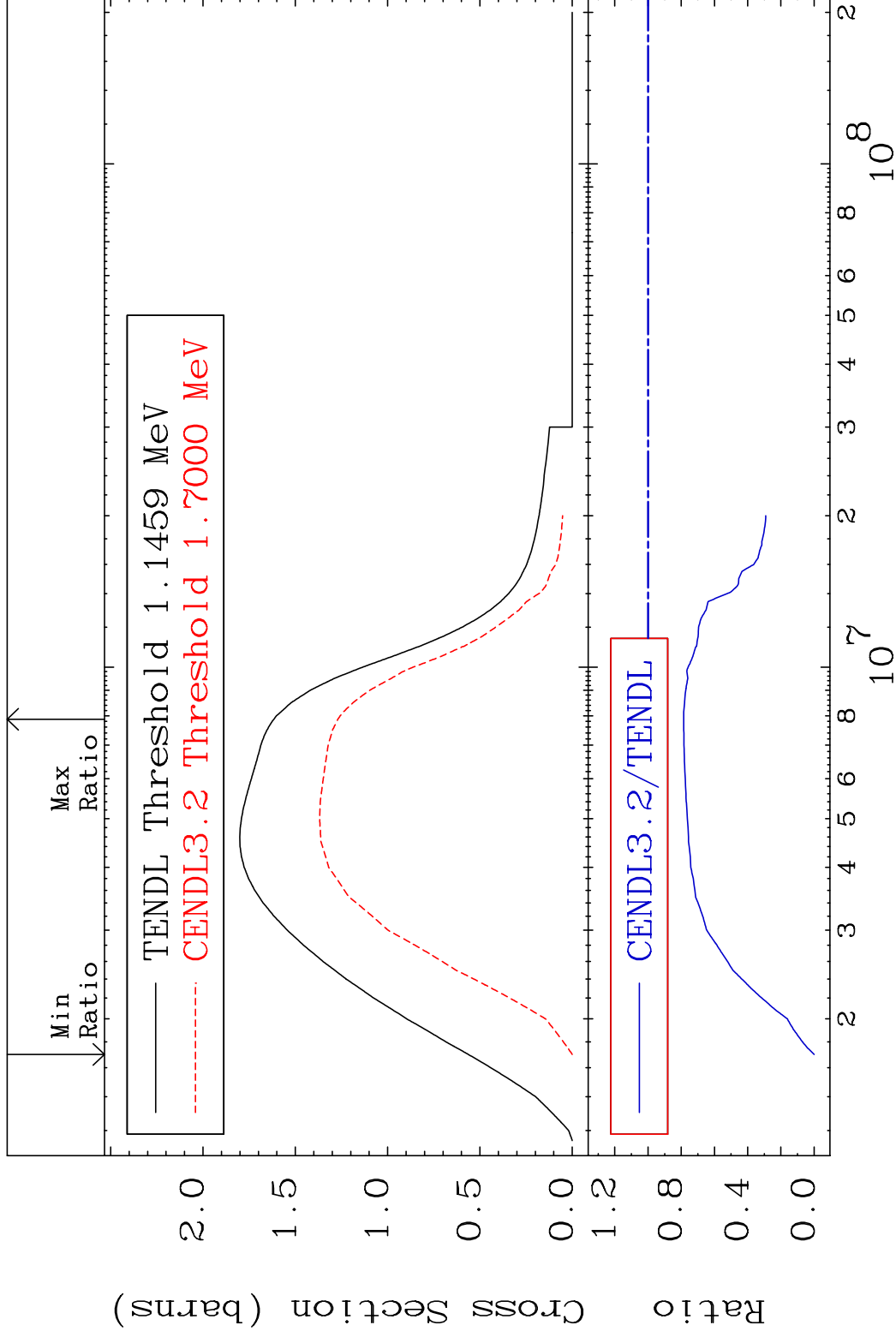


MAT 3234

(n, n') Continuum

³²Ge-73

Cross Section -100.0 To -21.46%



36

Incident Energy (eV)

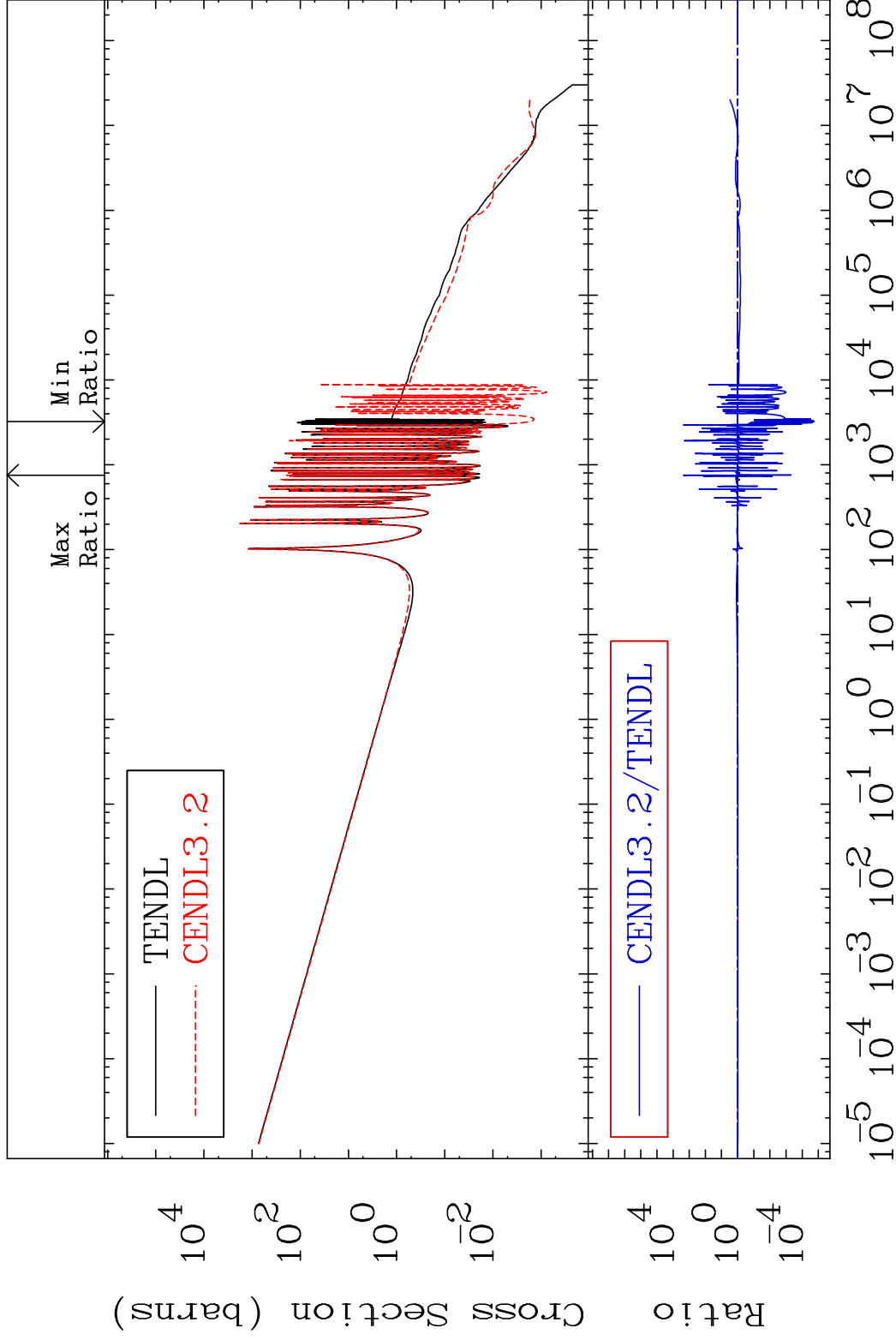
³²Ge-73

MAT 3234

^{32}Ge -73

(n, γ)

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

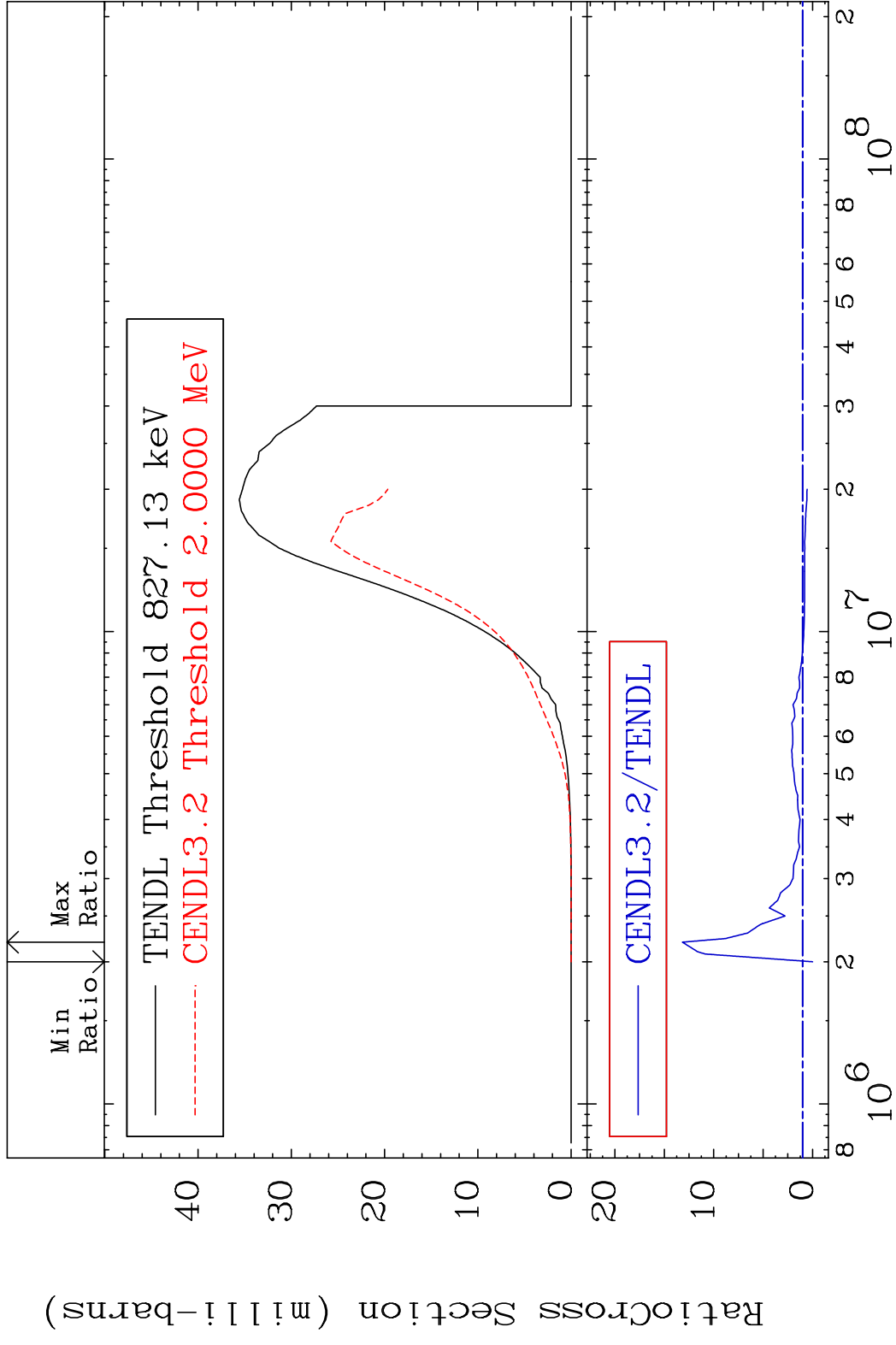
^{32}Ge -73

MAT 3234

(n,p)

32-Ge-73

Cross Section -100.0 To 1217. %



38

Incident Energy (eV)

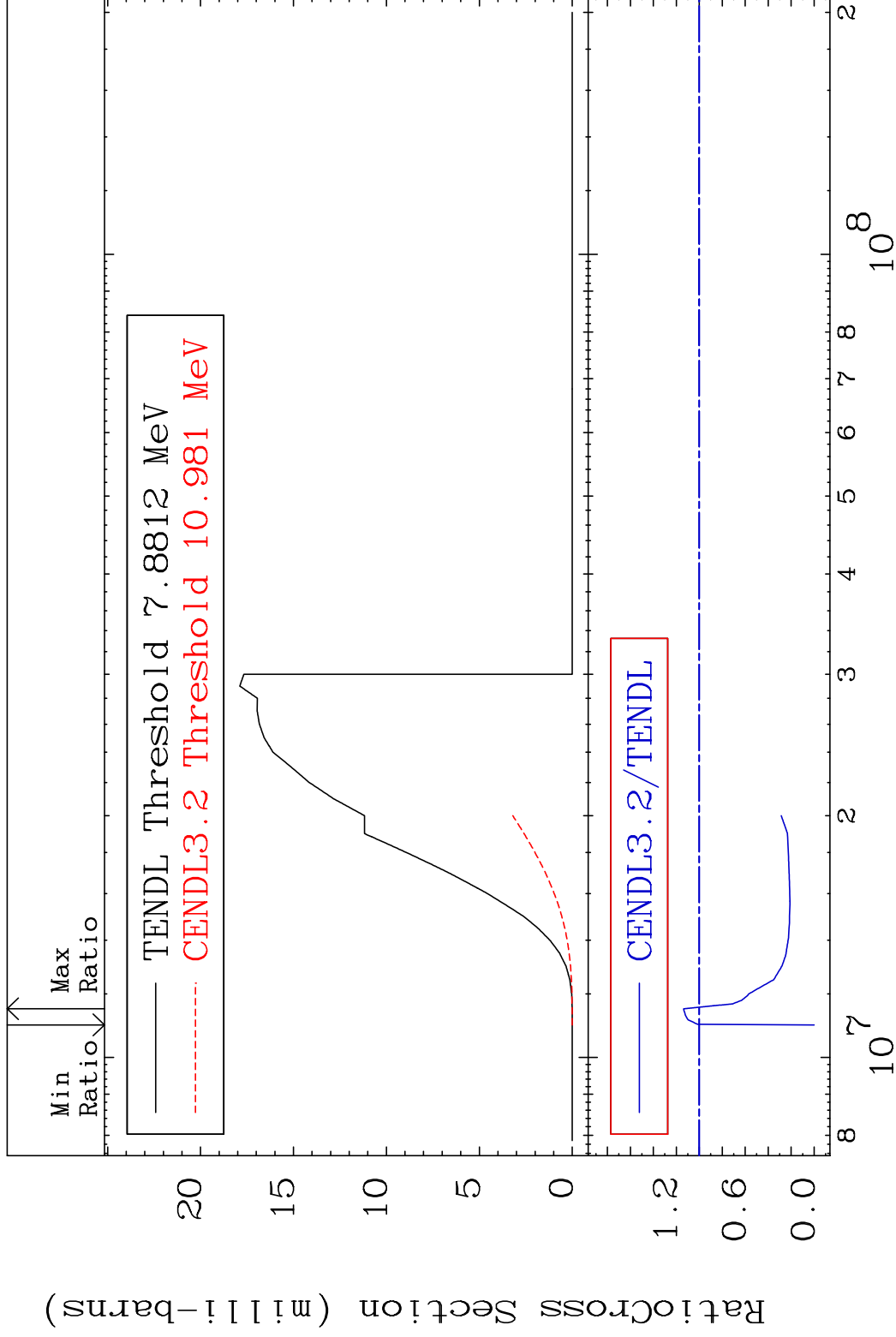
32-Ge-73

MAT 3234

(n, d)

³²Ge-73

Cross Section -100.0 To 13.58 %



39

Incident Energy (eV)

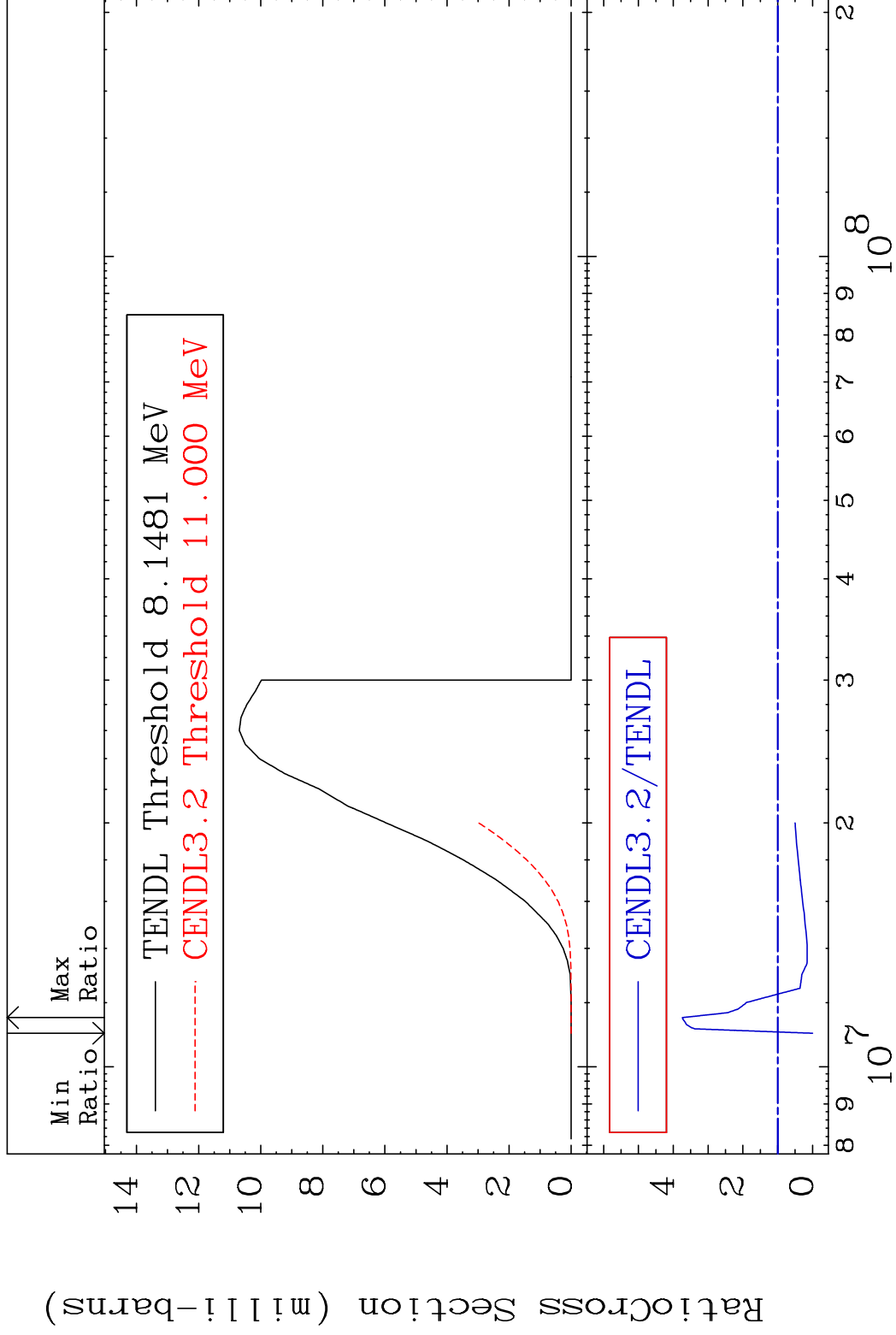
³²Ge-73

MAT 3234

(n, t)

32-Ge-73

Cross Section -100.0 To 273.9 %



40

Incident Energy (eV)

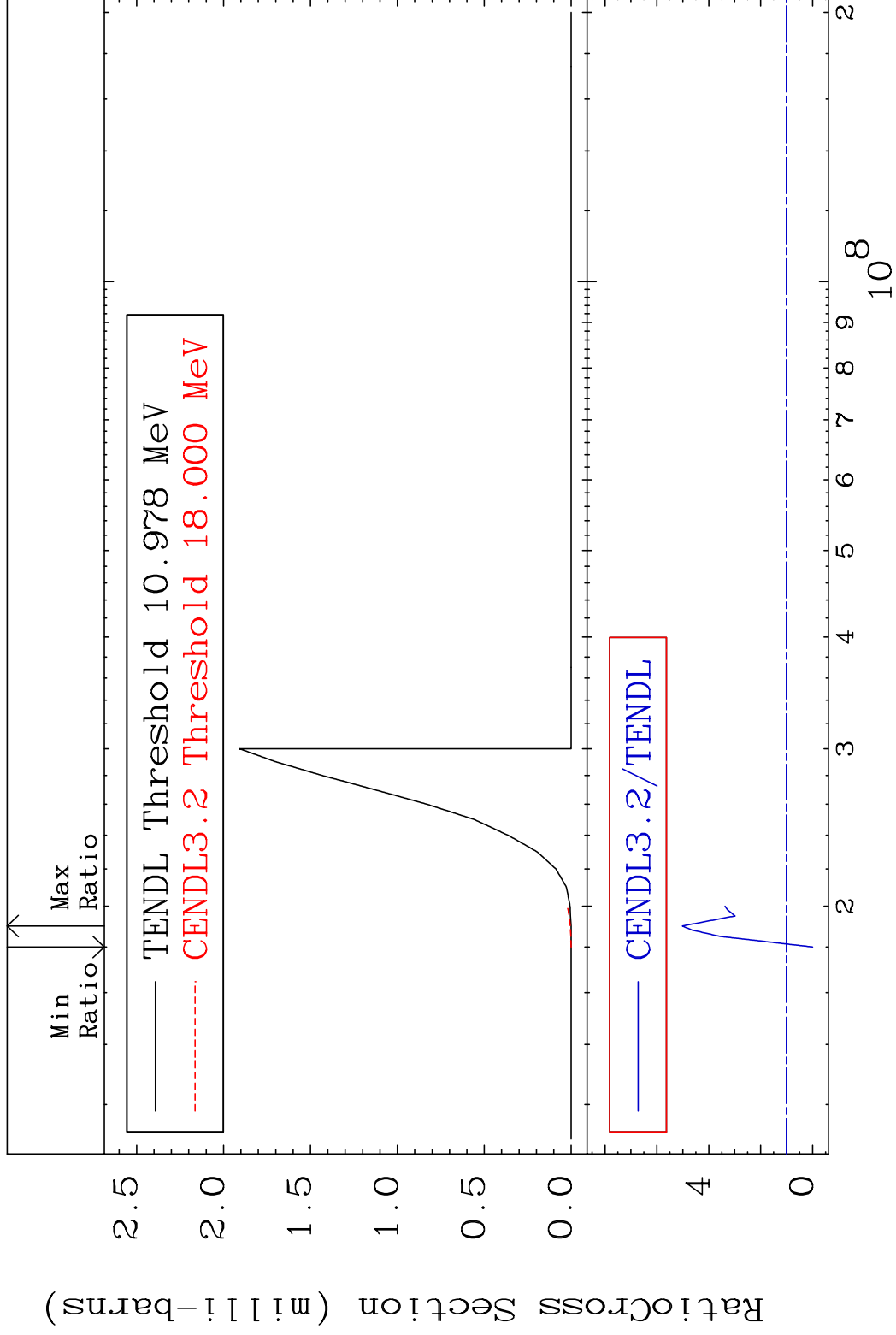
32-Ge-73

MAT 3234

(n, He-3)

32-Ge-73

Cross Section -100.0 To 401.8 %



41

Incident Energy (eV)

32-Ge-73

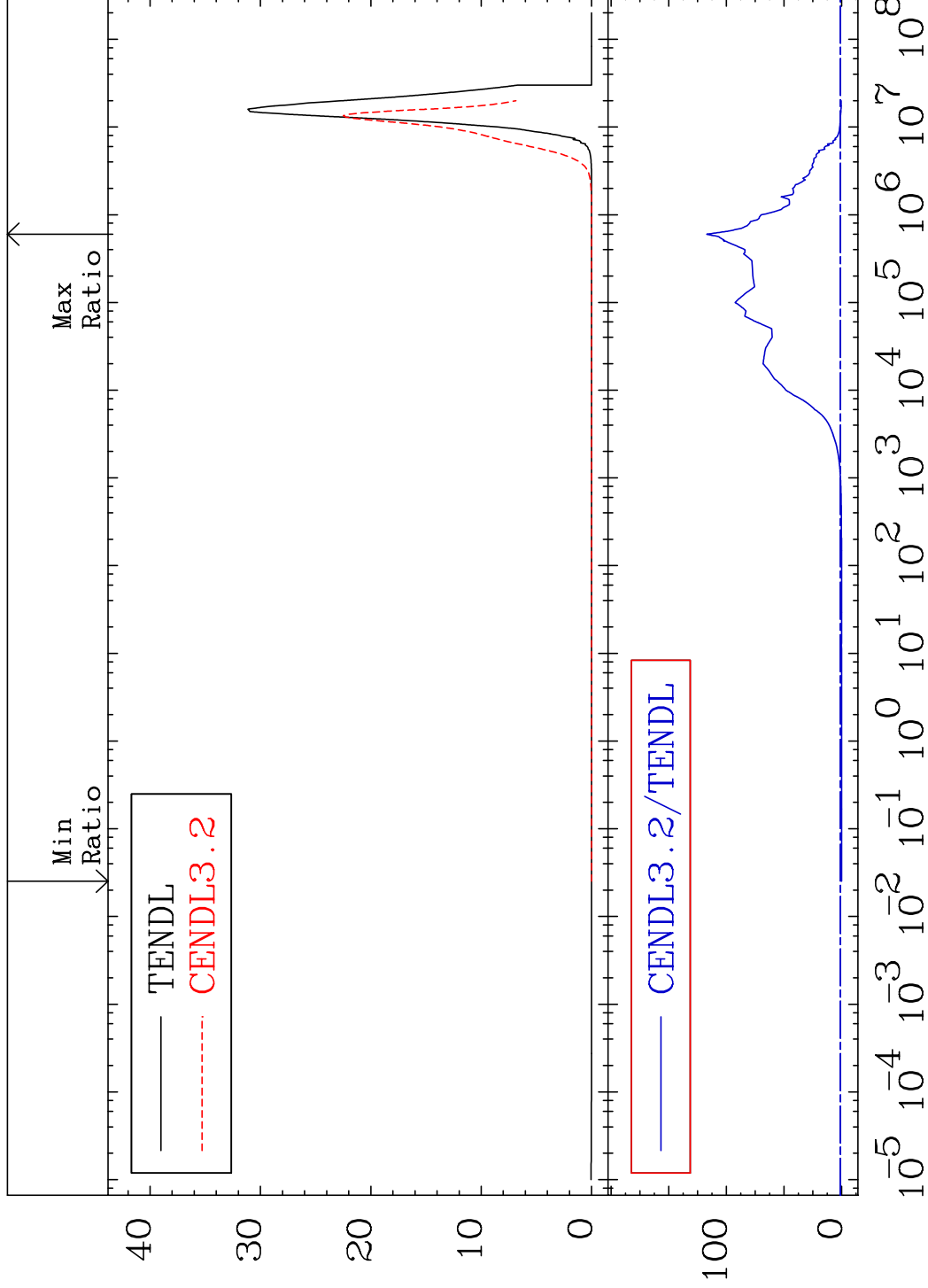
MAT 3234

(n, α)

32-Ge-73

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)



42

Incident Energy (eV)

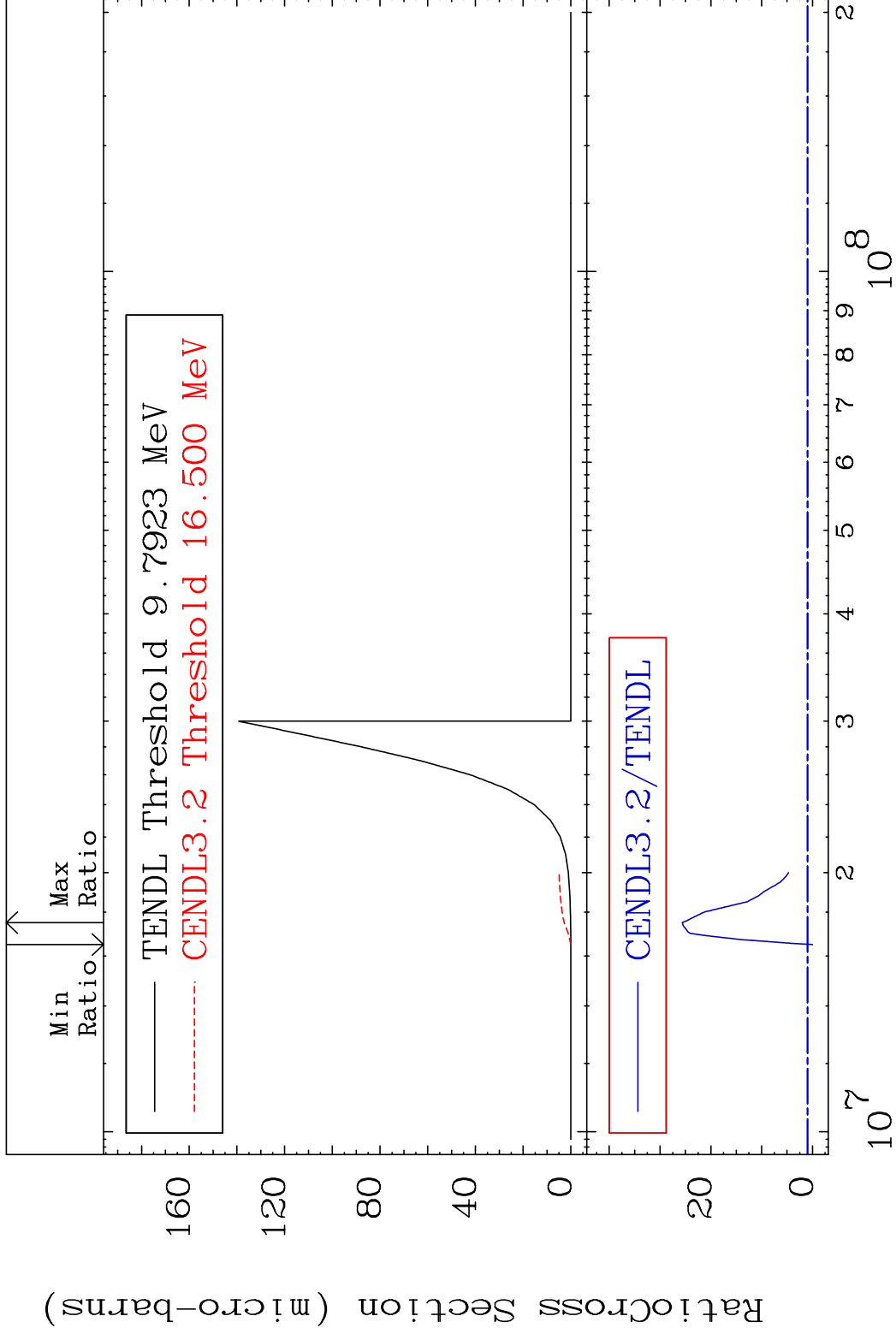
32-Ge-73

MAT 3234

(n,2p)

32-Ge-73

Cross Section -100.0 To 2465. %



43

Incident Energy (eV)

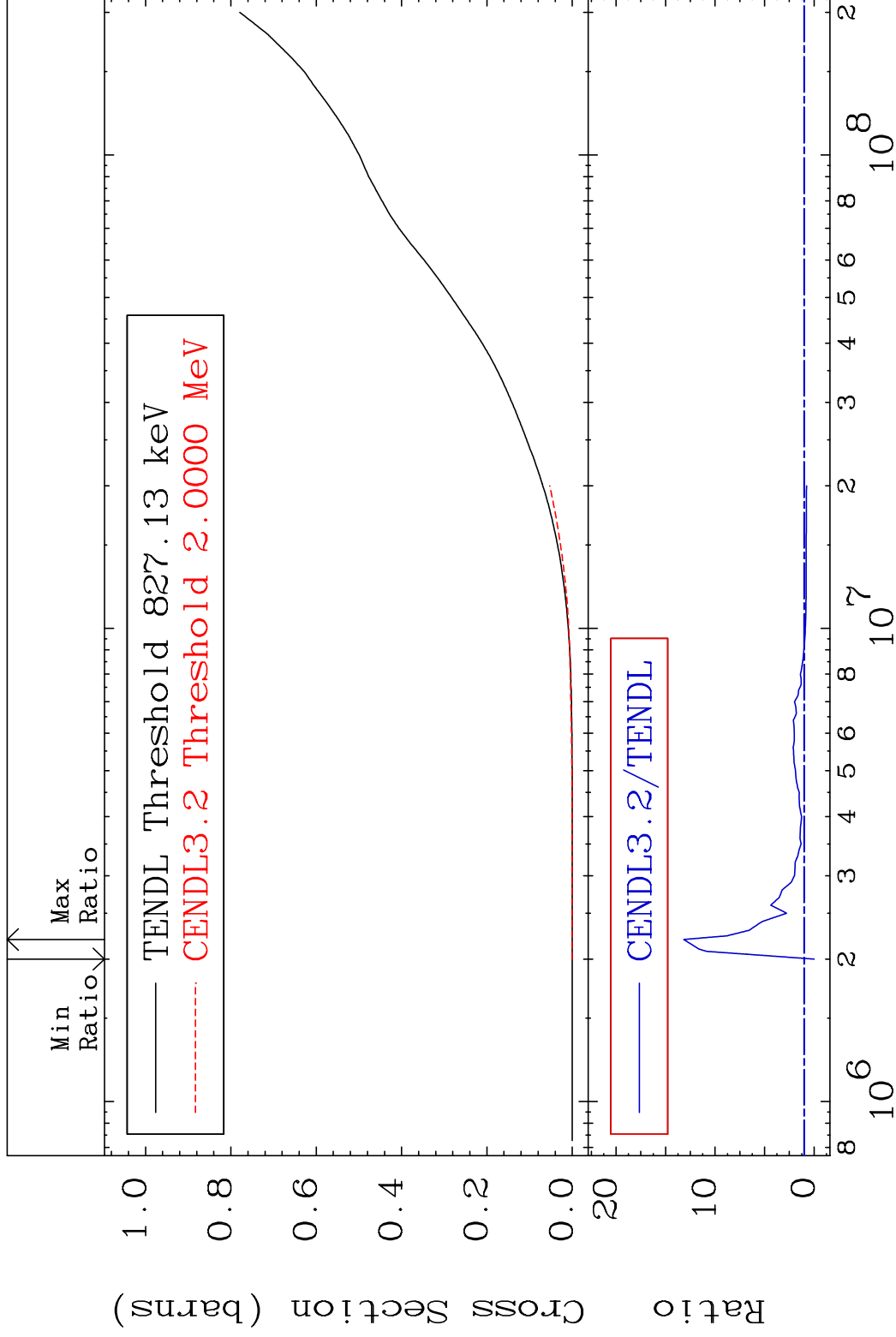
32-Ge-73

MAT 3234

Hydrogen Production

³²Ge-73

Cross Section -100.0 To 1217. %



44

Incident Energy (eV)

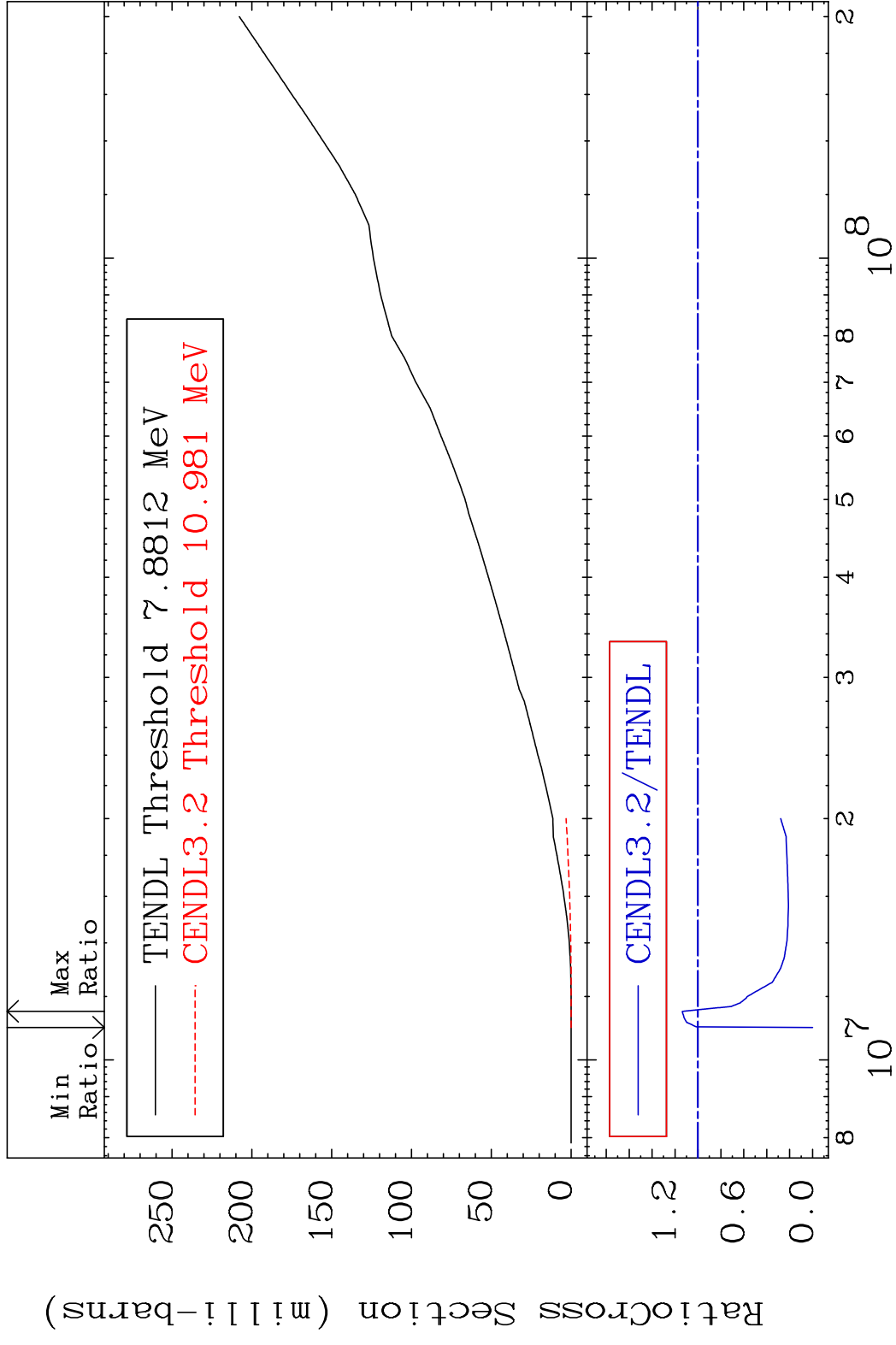
³²Ge-73

MAT 3234

Deuterium Production

³²-Ge-73

Cross Section -100.0 To 13.58 %



45

Incident Energy (eV)

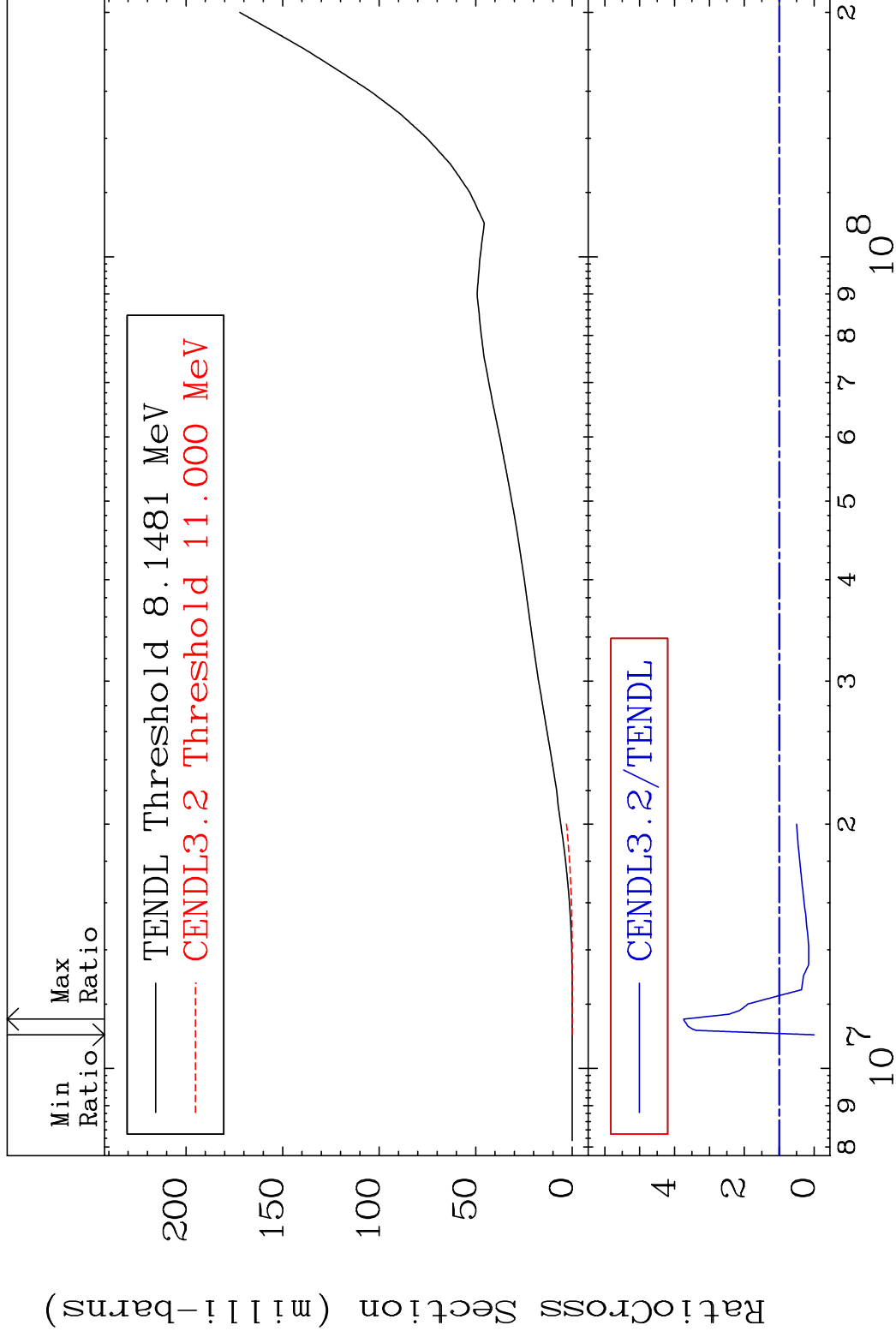
³²-Ge-73

MAT 3234

Tritium Production

32-Ge-73

Cross Section -100.0 To 273.9 %



46

Incident Energy (eV)

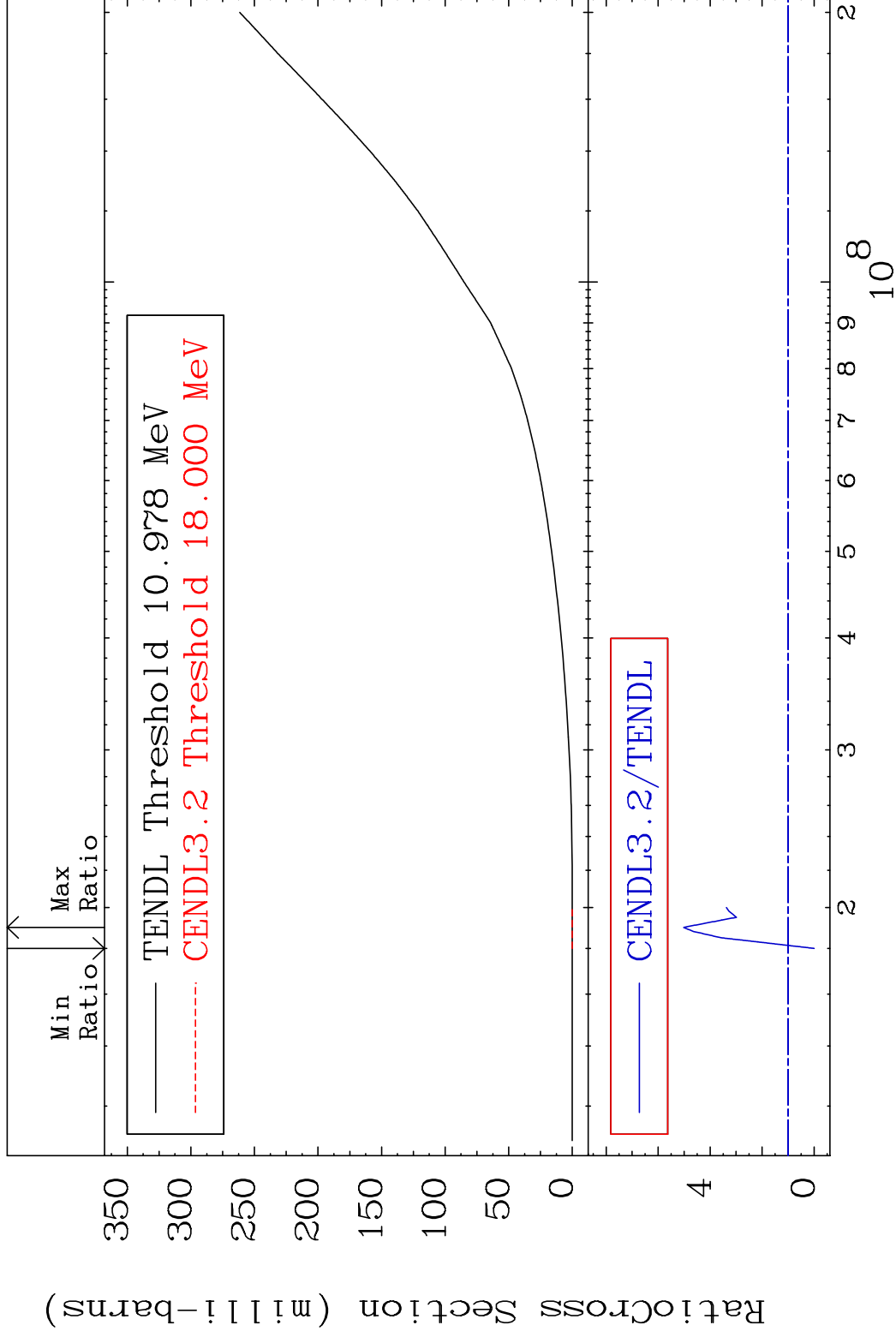
32-Ge-73

MAT 3234

He-3 Production

32-Ge-73

Cross Section -100.0 To 401.8 %



47

Incident Energy (eV)

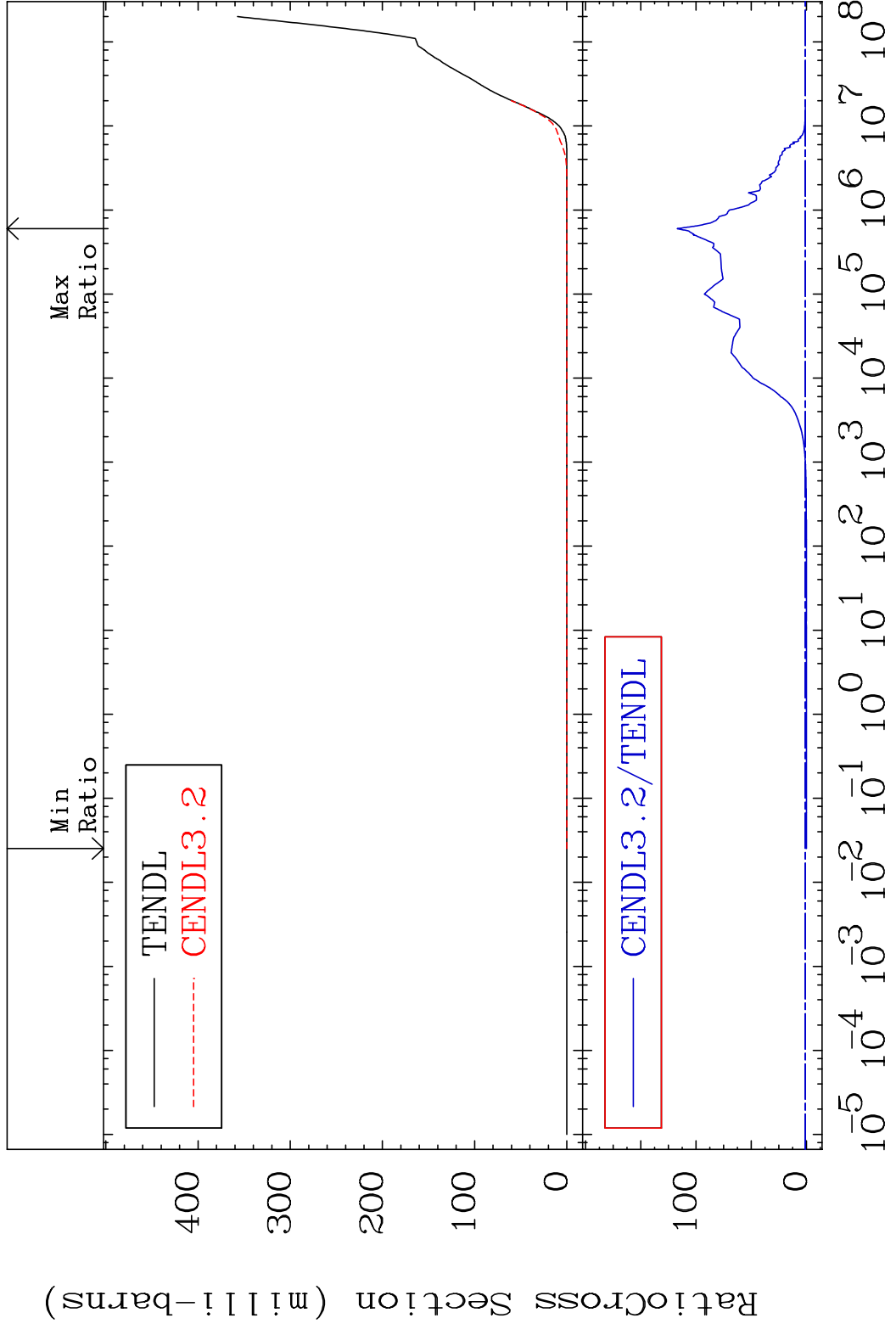
32-Ge-73

MAT 3234

He-4 Production

32-Ge-73

Cross Section -100.0 To 9999. %



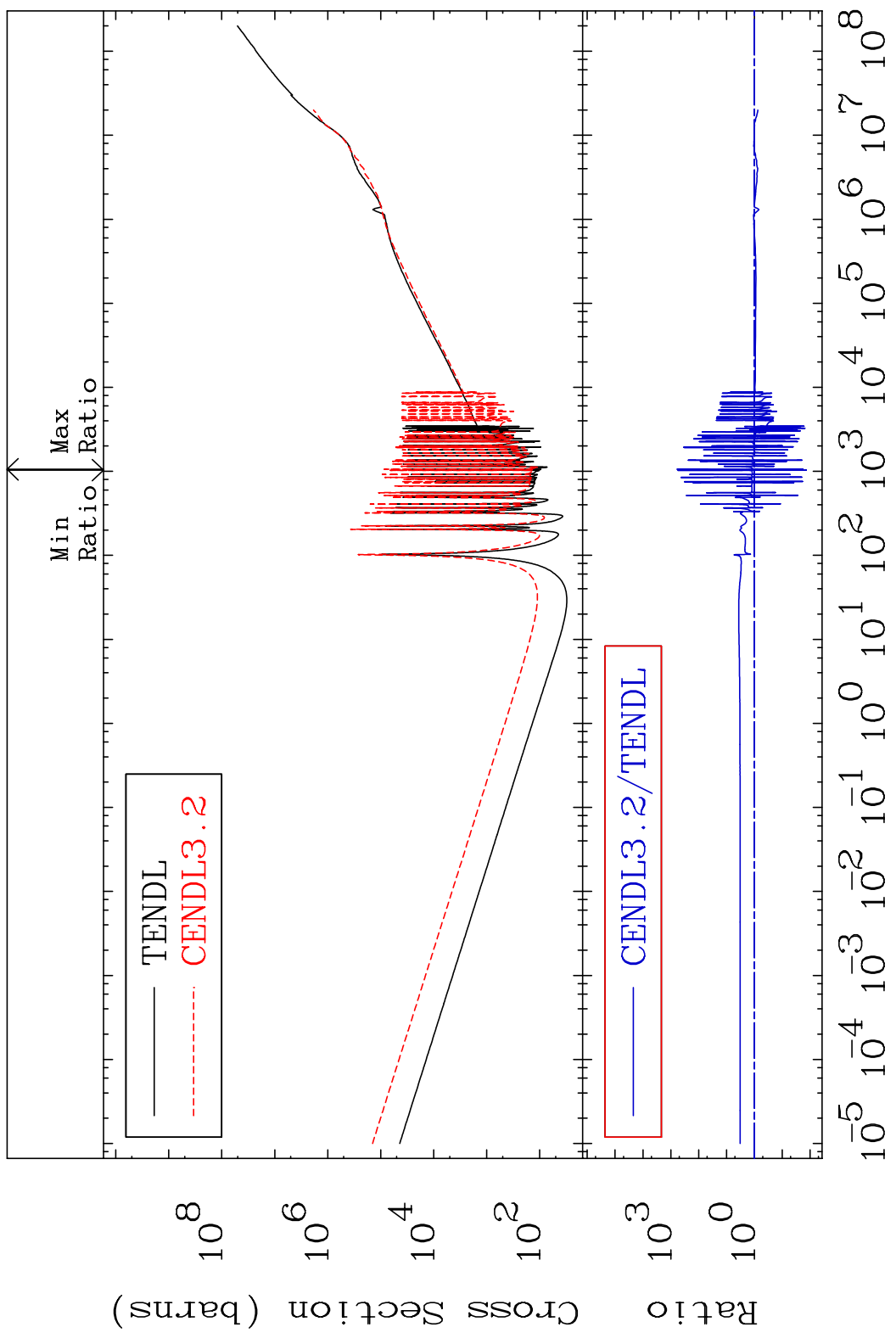
48

Incident Energy (eV)

32-Ge-73

MAT 3234

Kerma total (eV-barns) 32-Ge-73
Cross Section -98.65 To 9999. %



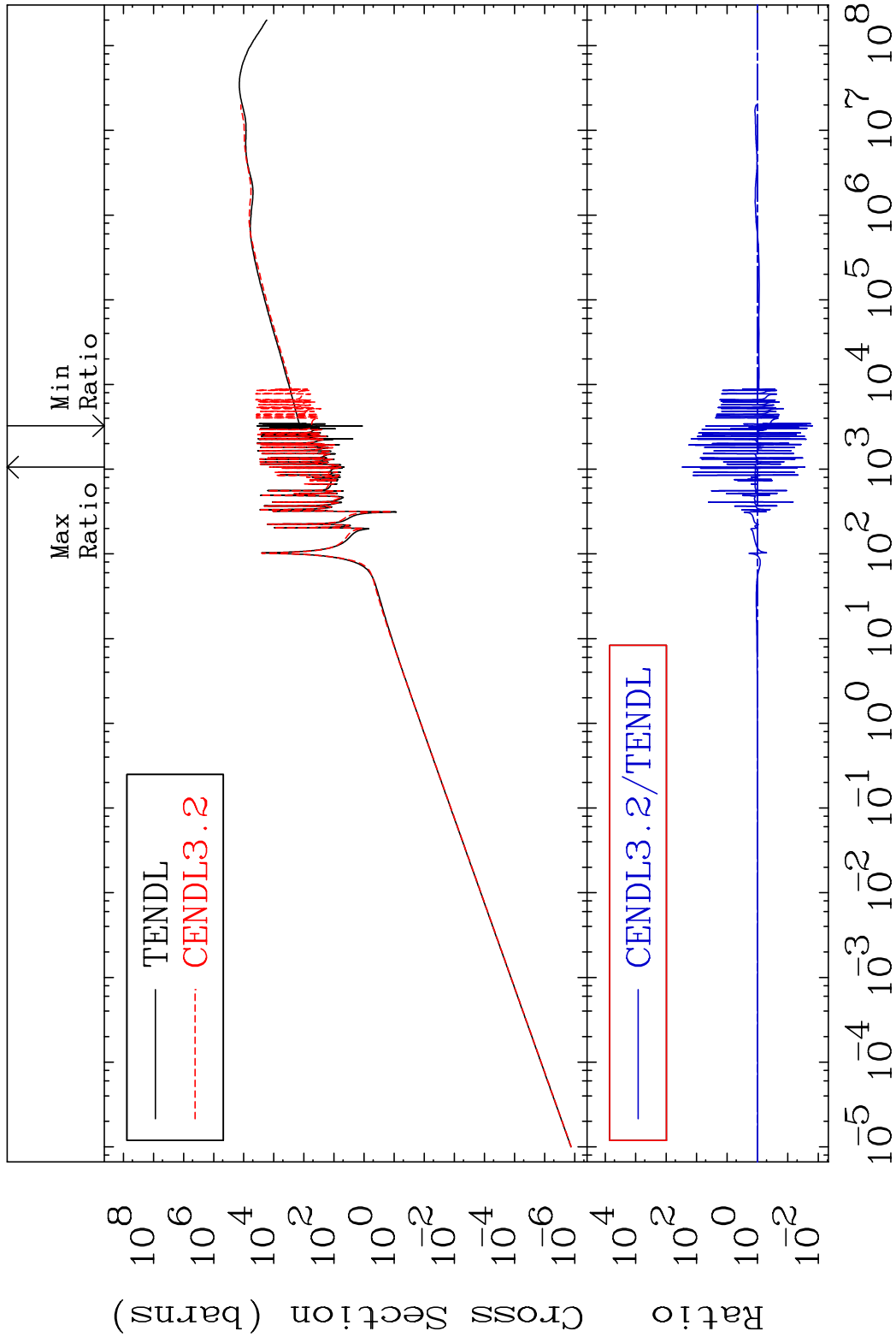
MAT 3234

Kerma elastic

32-Ge-73

Cross Section

-98.46 To 9999. %

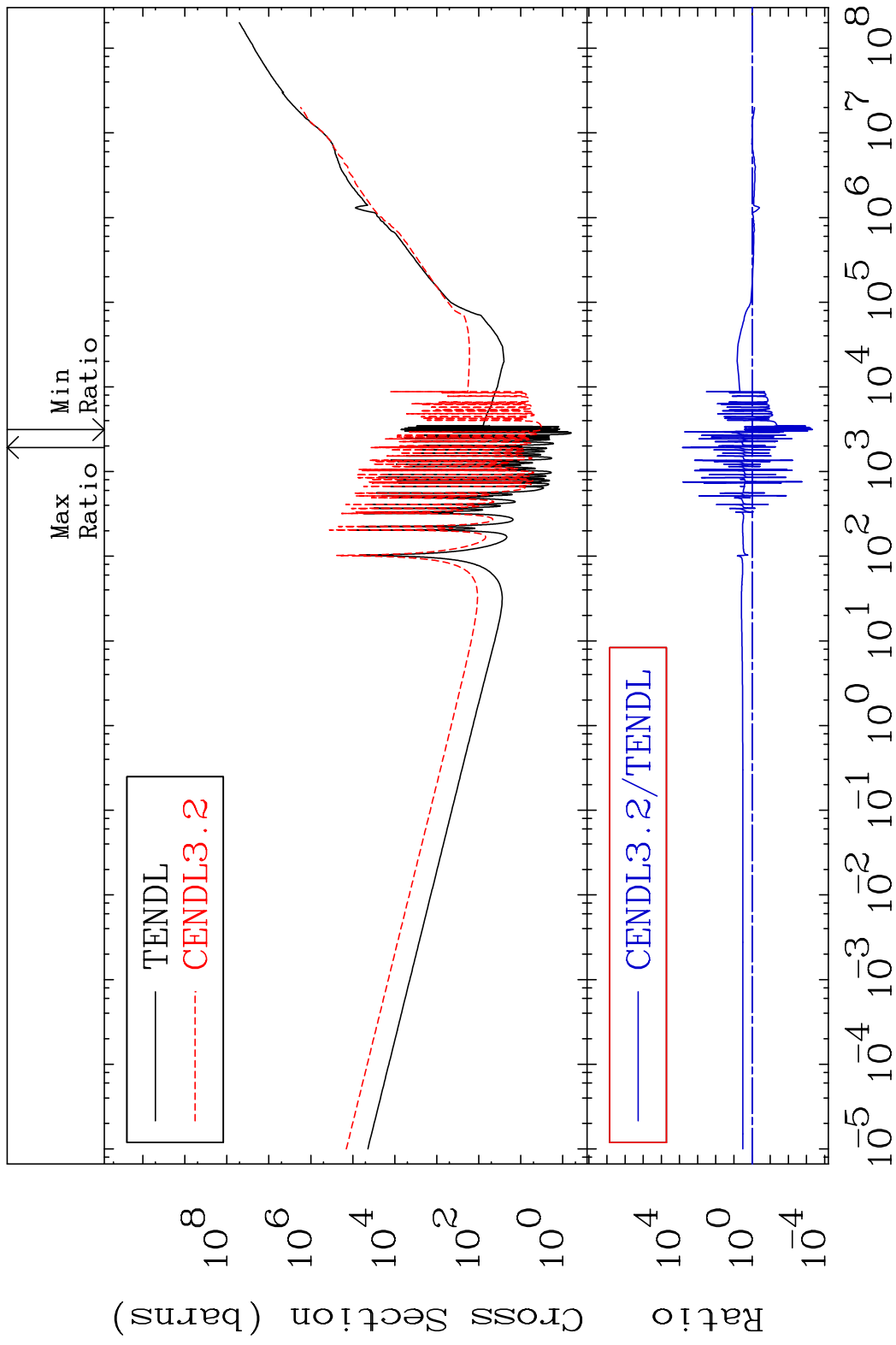


50

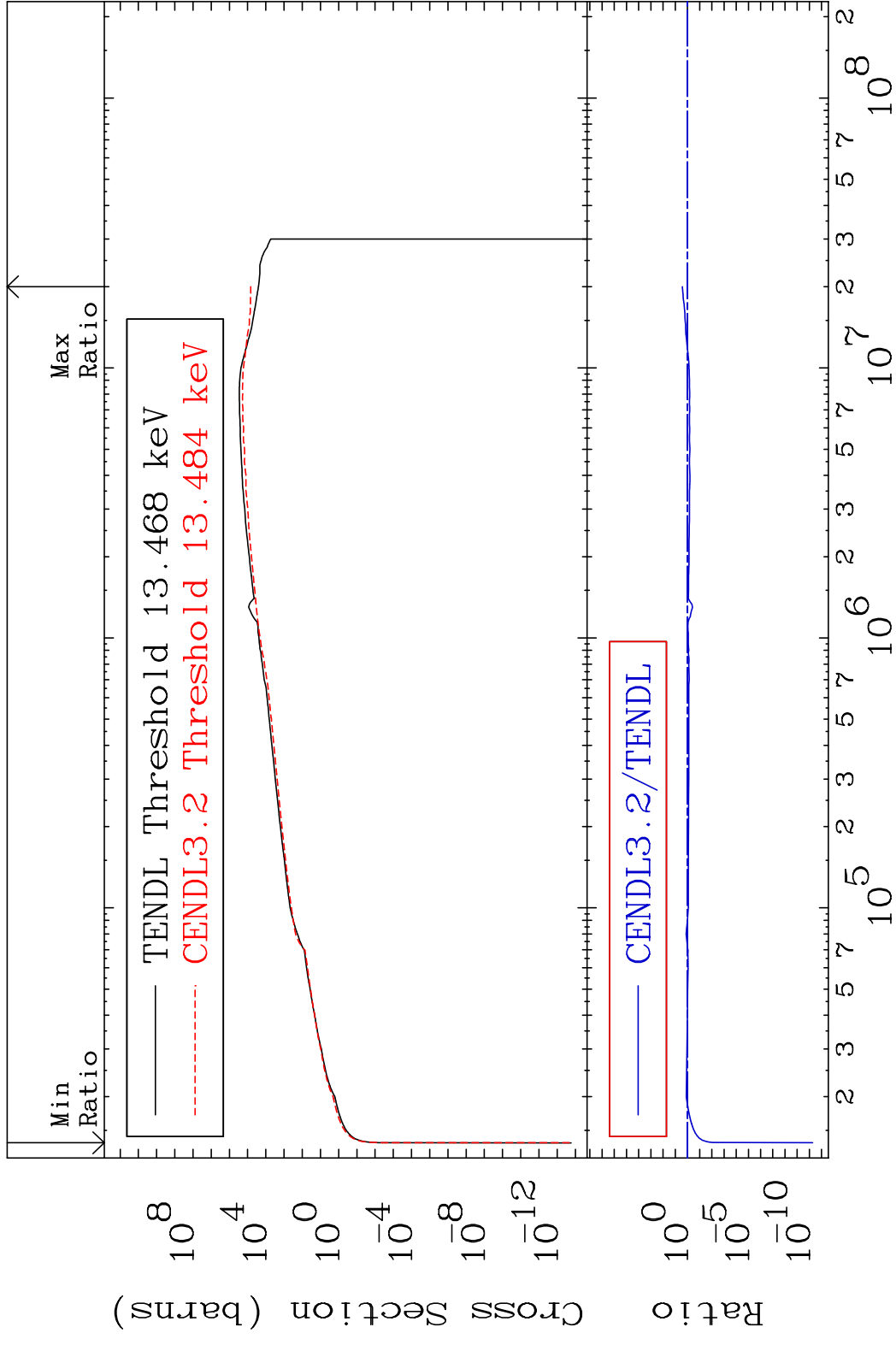
Incident Energy (eV)

32-Ge-73

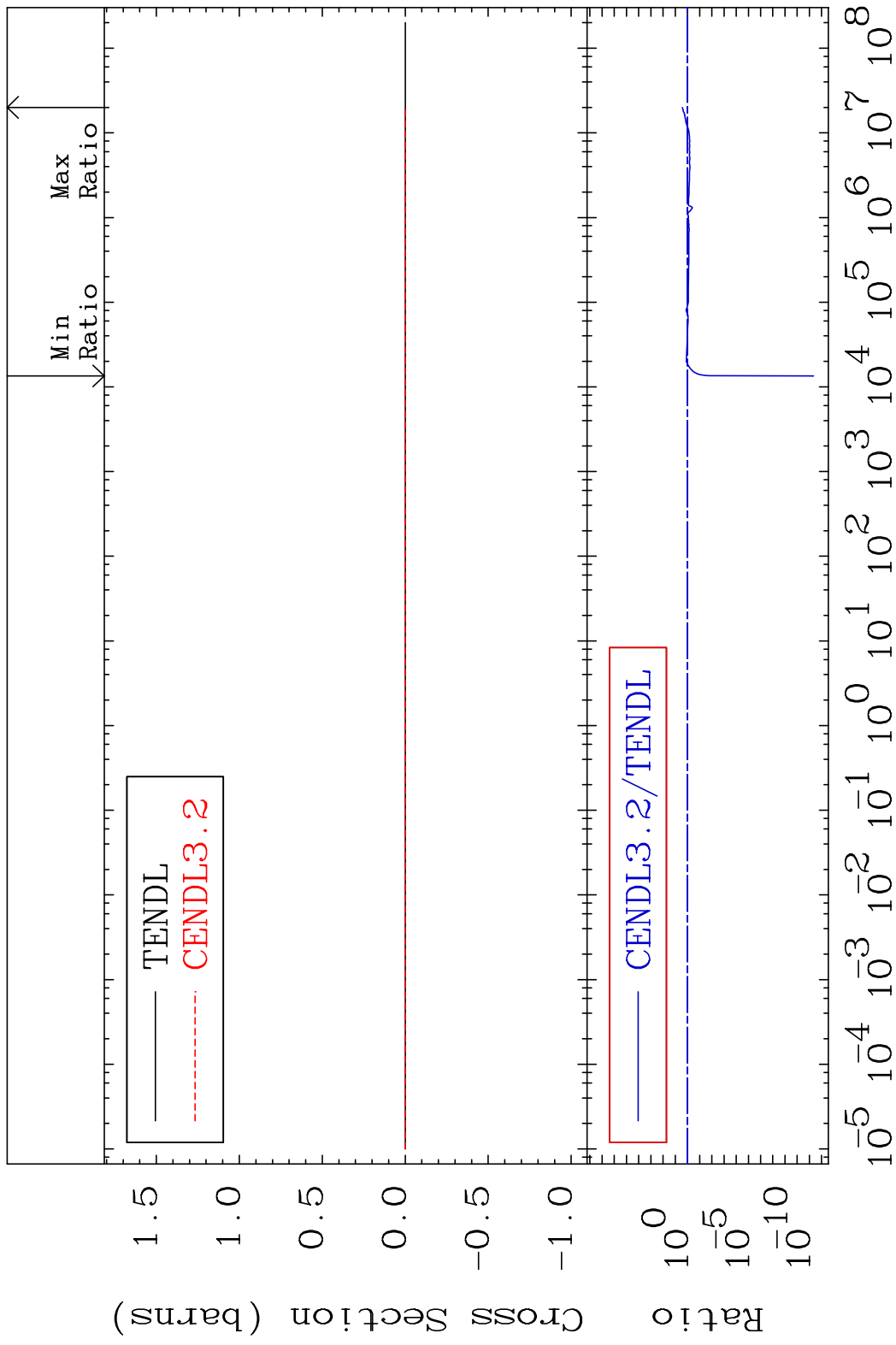
MAT 3234 Kerma non-elastic (all but mt2) 32-Ge-73
 Cross Section -99.95 To 9999. %



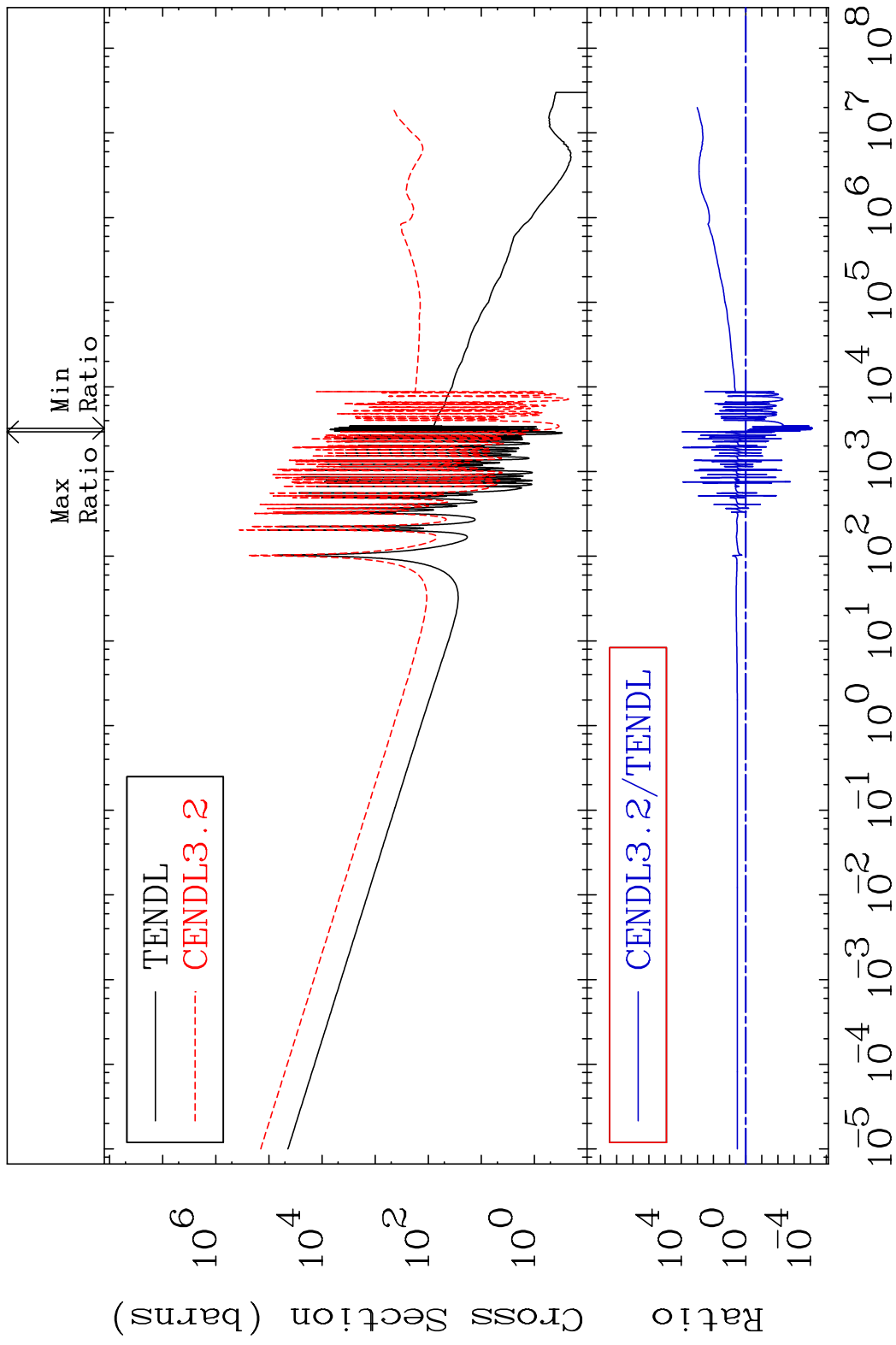
MAT 3234 Kerma inelastic (mt51-91) 32-Ge-73
 Cross Section -100.0 To 161.1 %



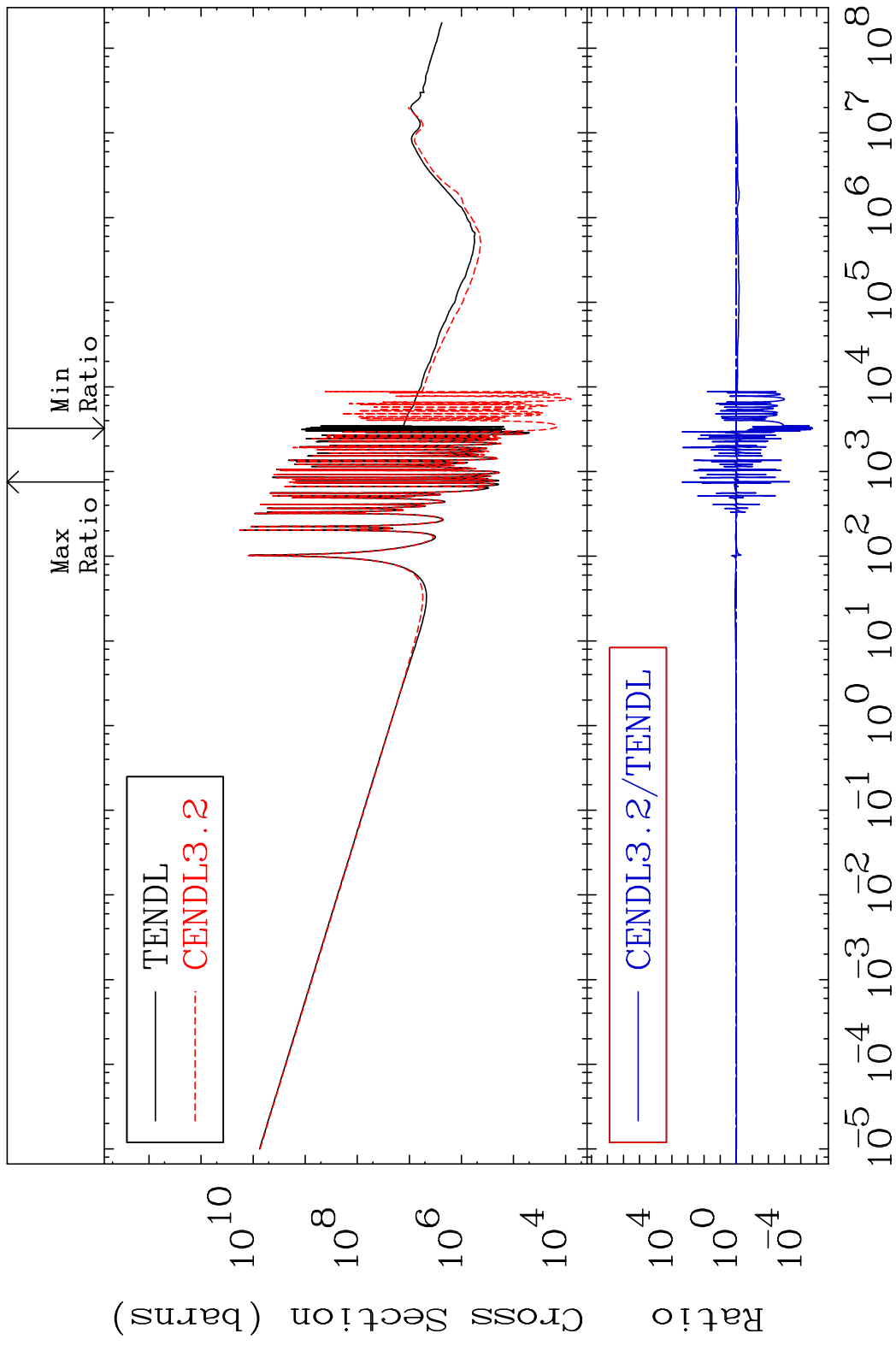
MAT 3234 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-73
 Cross Section -100.0 To 161.1 %



MAT 3234 Kerma capture (mt102) 32-Ge-73
 Cross Section -99.99 To 9999. %

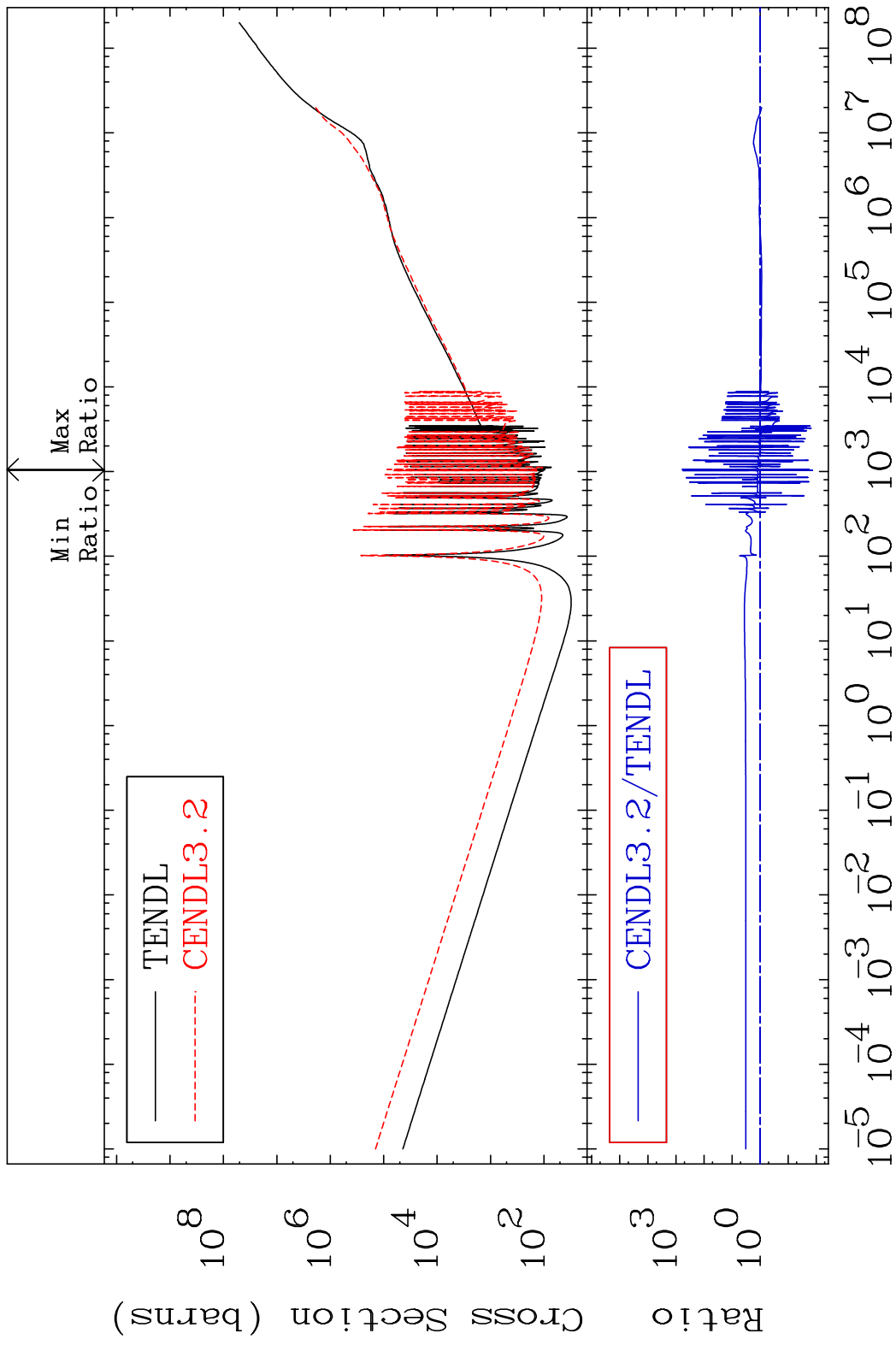


MAT 3234 Total photon (eV-barns) 32-Ge-73
 Cross Section -100.0 To 9999. %

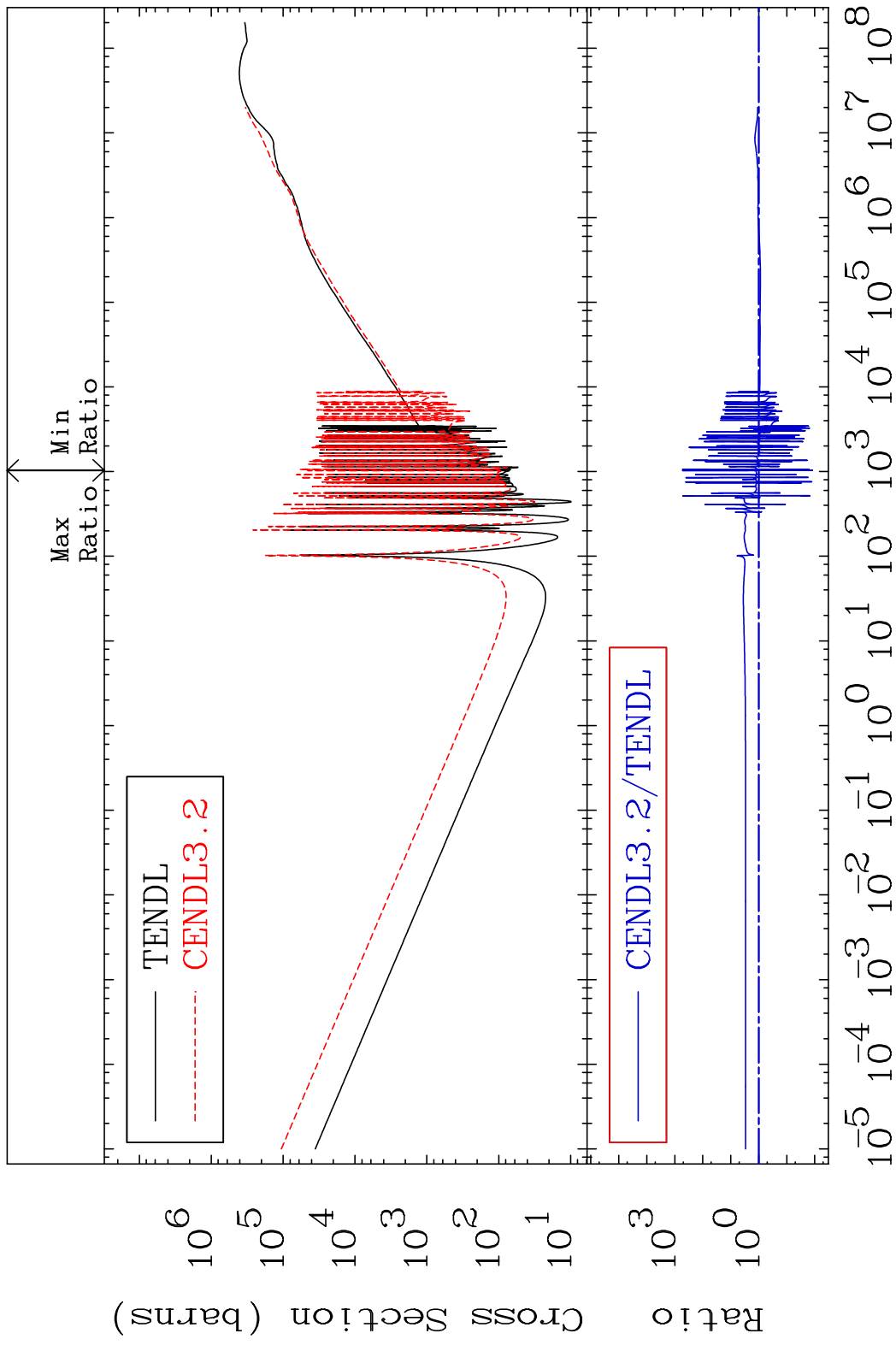


55 Incident Energy (eV) 32-Ge-73

MAT 3234 Total kinematic kerma (high limit) 32-Ge-73
 Cross Section -98.65 To 9999. %



MAT 3234 Dpa total (eV-barns) 32-Ge-73
 Cross Section -98.80 To 9999. %



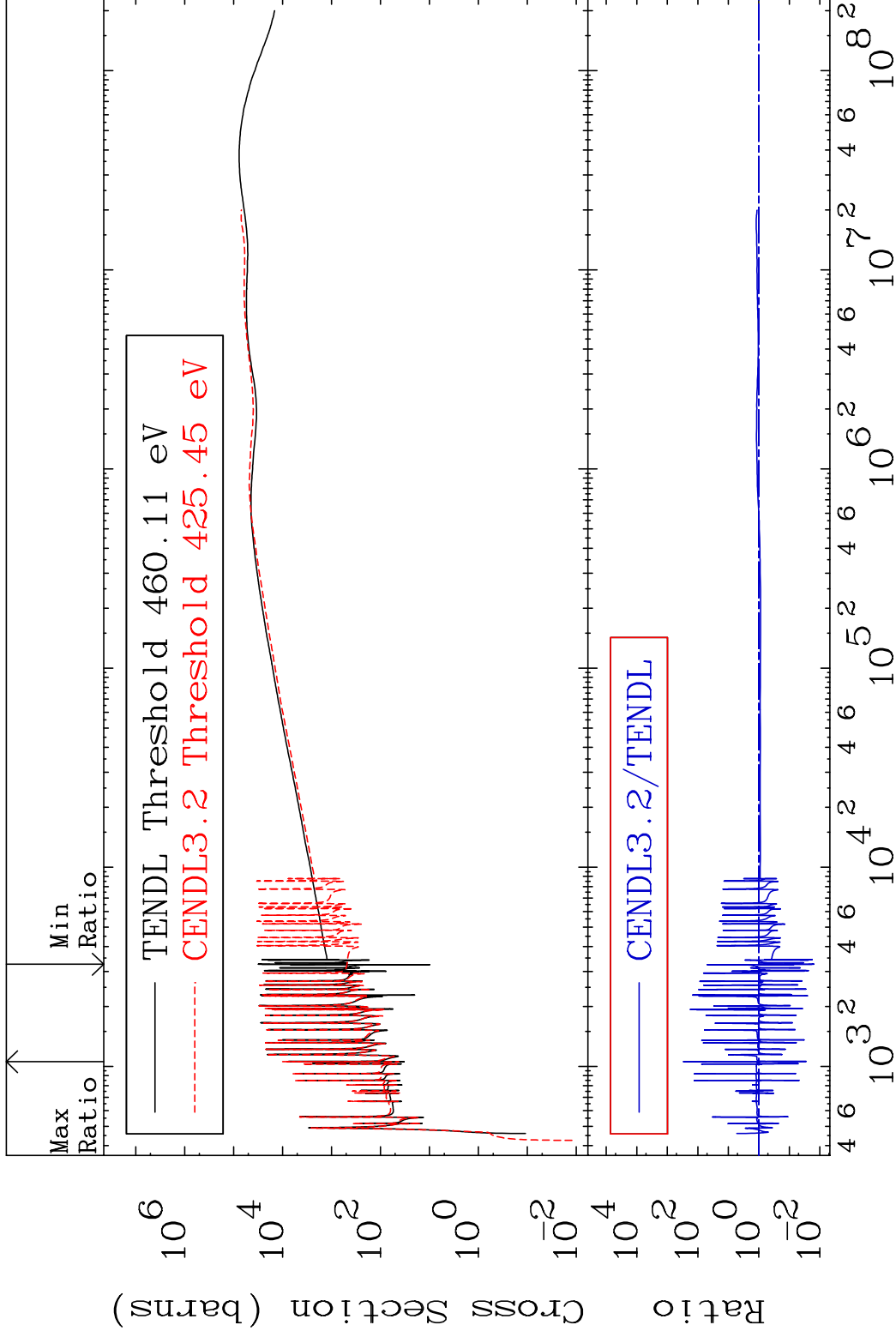
57 Incident Energy (eV) 32-Ge-73

MAT 3234

Dpa elastic (mt2)

32-Ge-73

Cross Section -98.45 To 9999. %

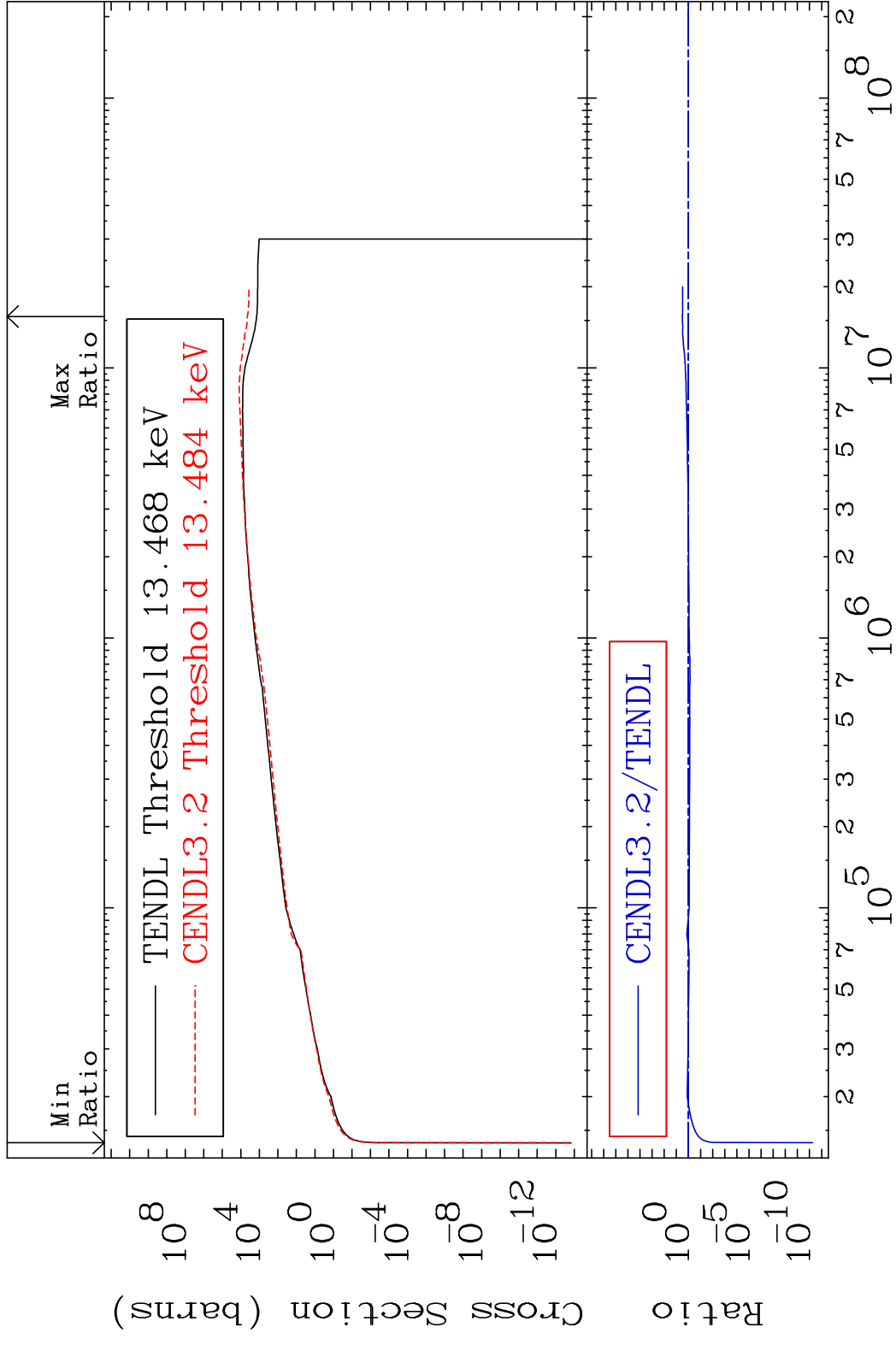


58

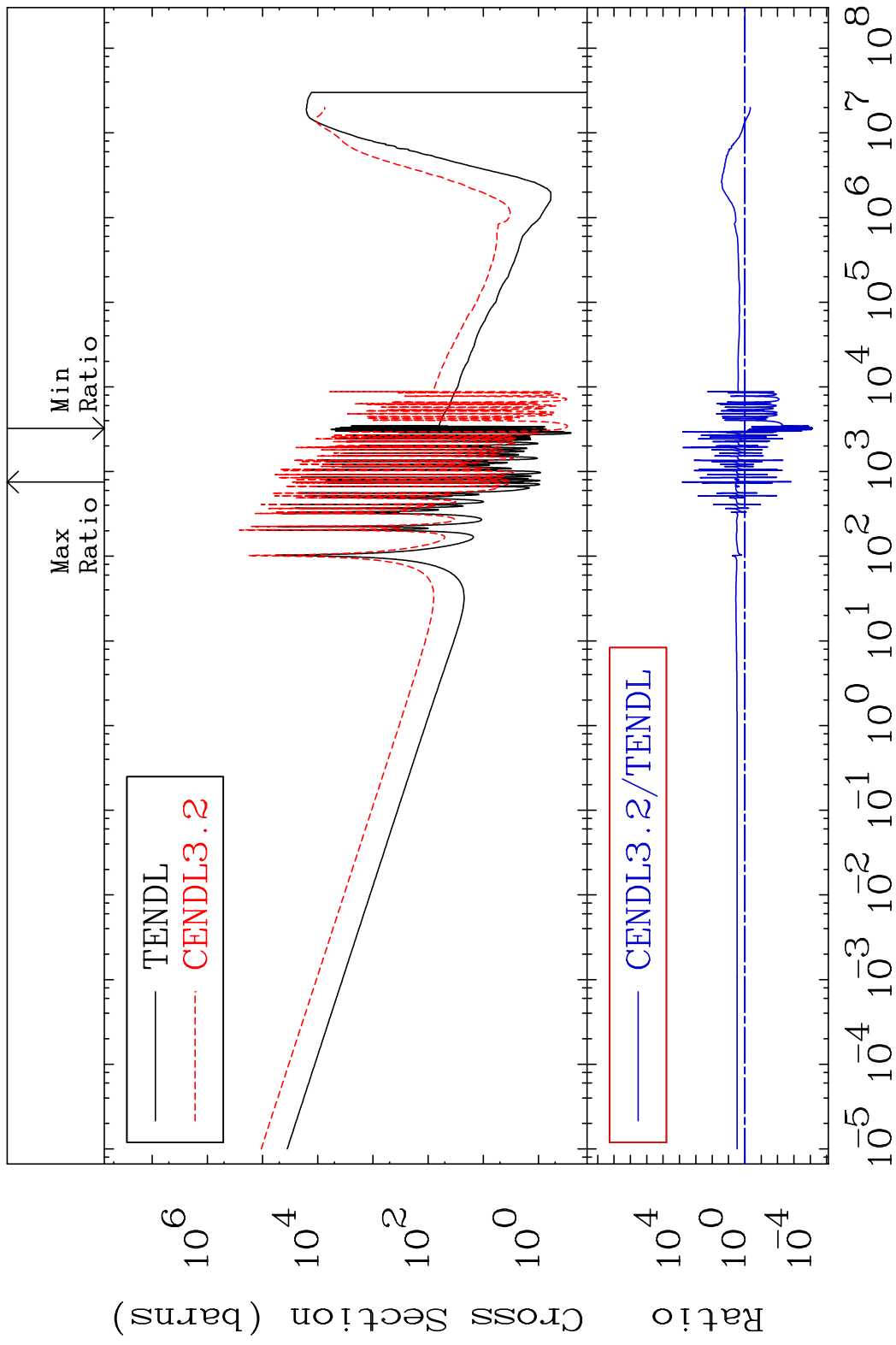
Incident Energy (eV)

32-Ge-73

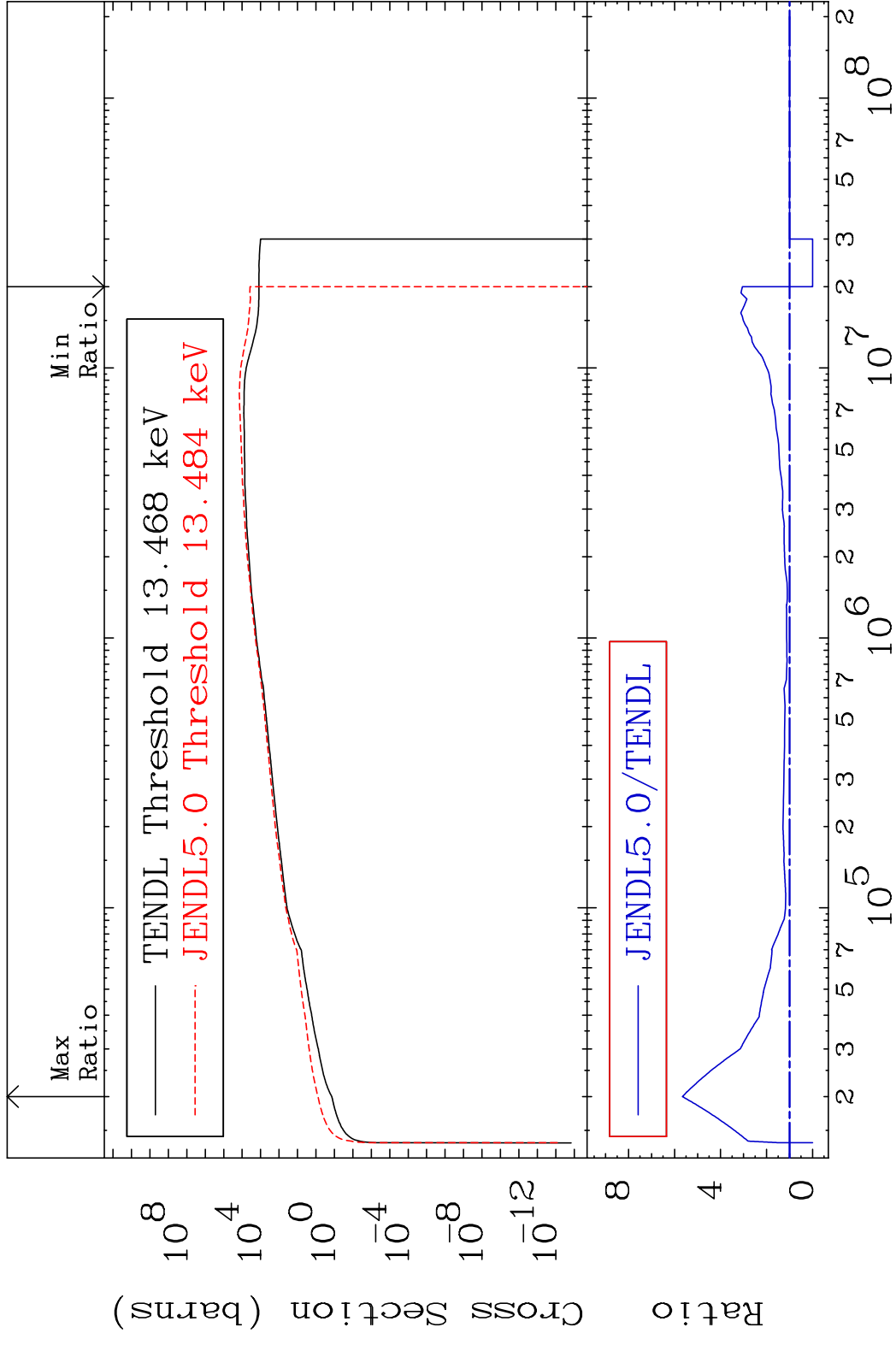
MAT 3234 Dpa inelastic (mt51-91) 32-Ge-73
 Cross Section -100.0 To 216.6 %



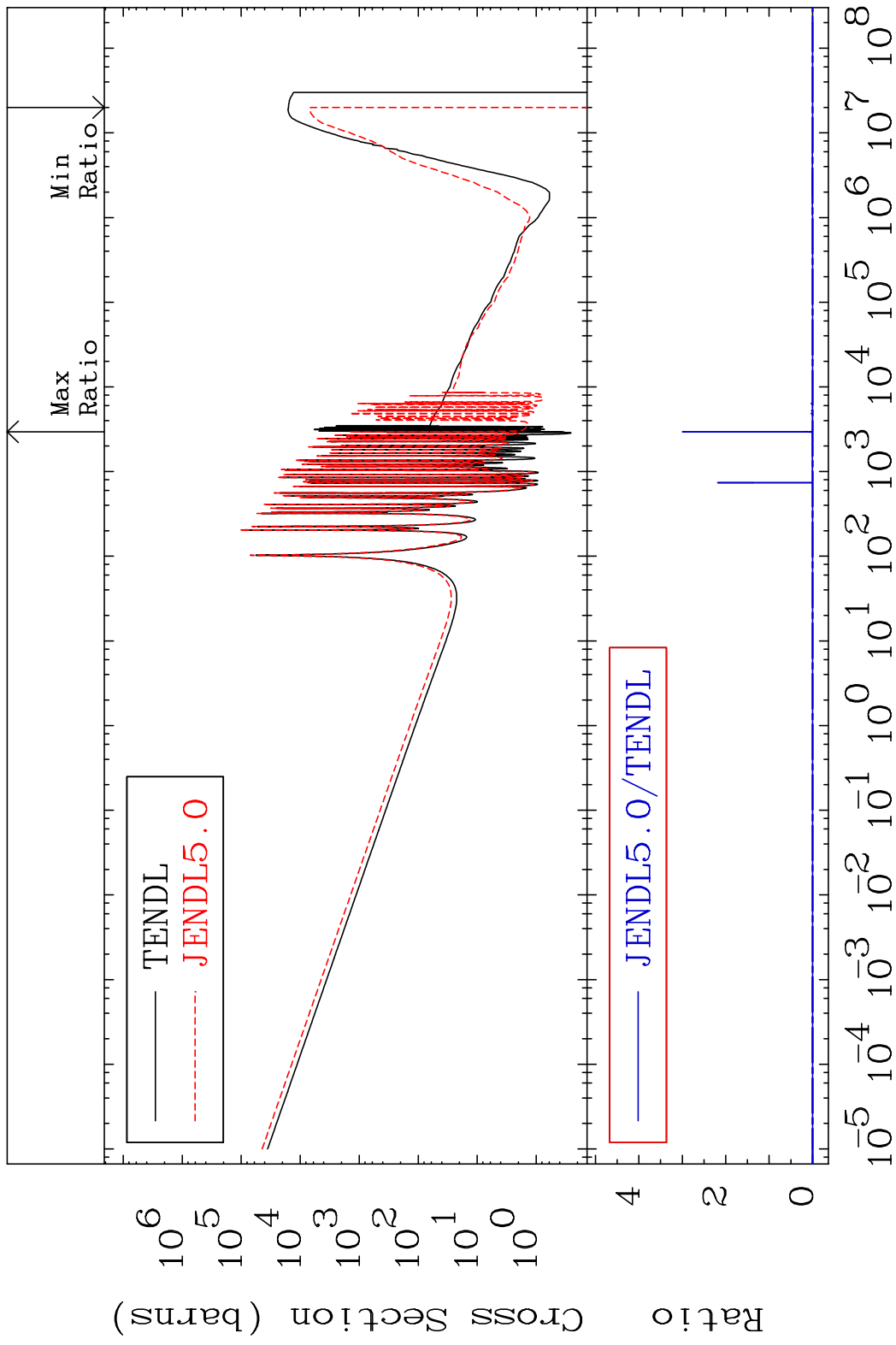
MAT 3234 Dpa disappearance (mt102 -120) 32-Ge-73
 Cross Section -99.99 To 9999. %



MAT 3234 Dpa inelastic (mt51-91) 32-Ge-73
 Cross Section -100.0 To 466.1 %



MAT 3234 Dpa disappearance (mt102 -120) 32-Ge-73
 Cross Section -100.0 To 9999. %

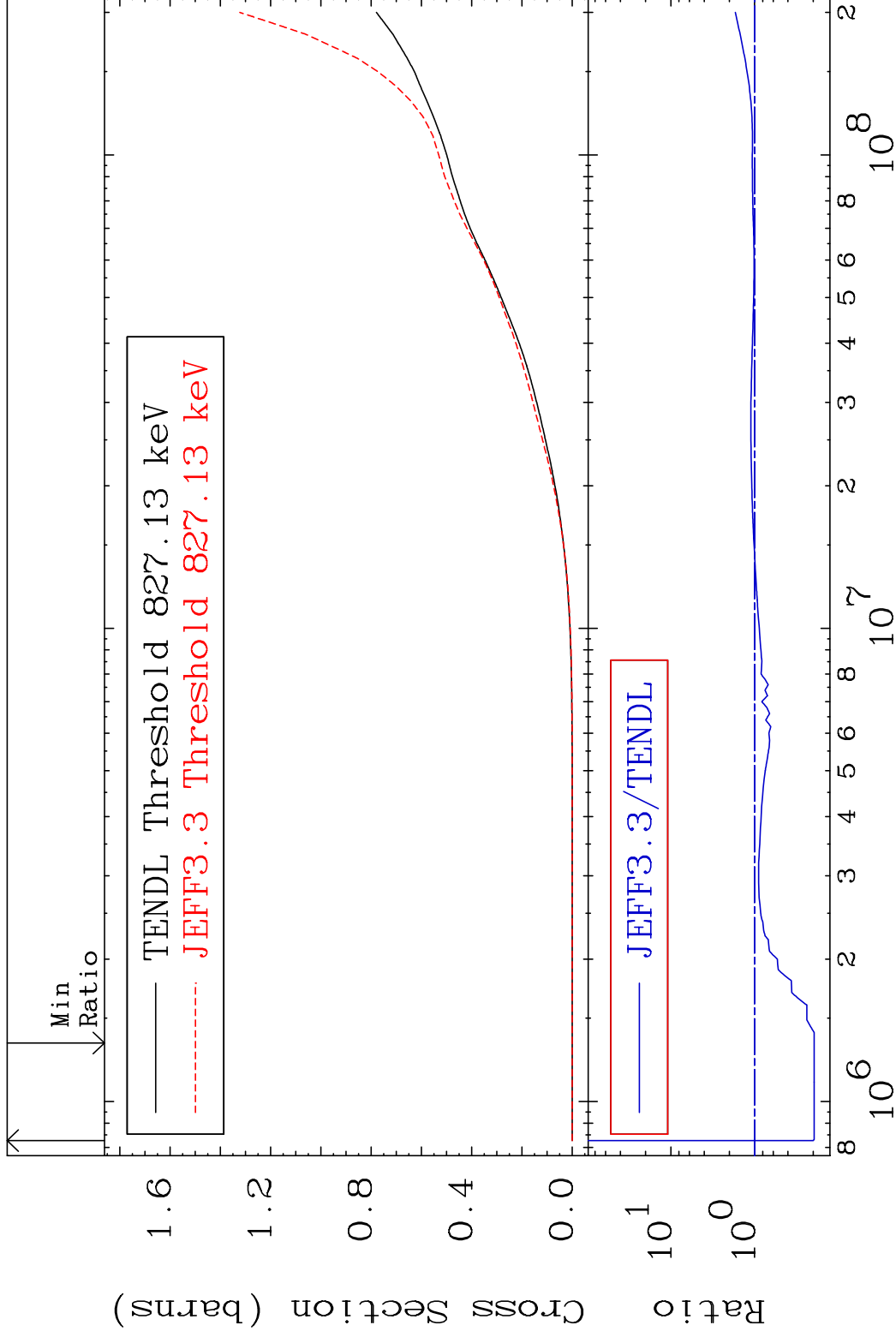


MAT 3234

Hydrogen Production

32-Ge-73

Cross Section -80.49 To 602.2 %

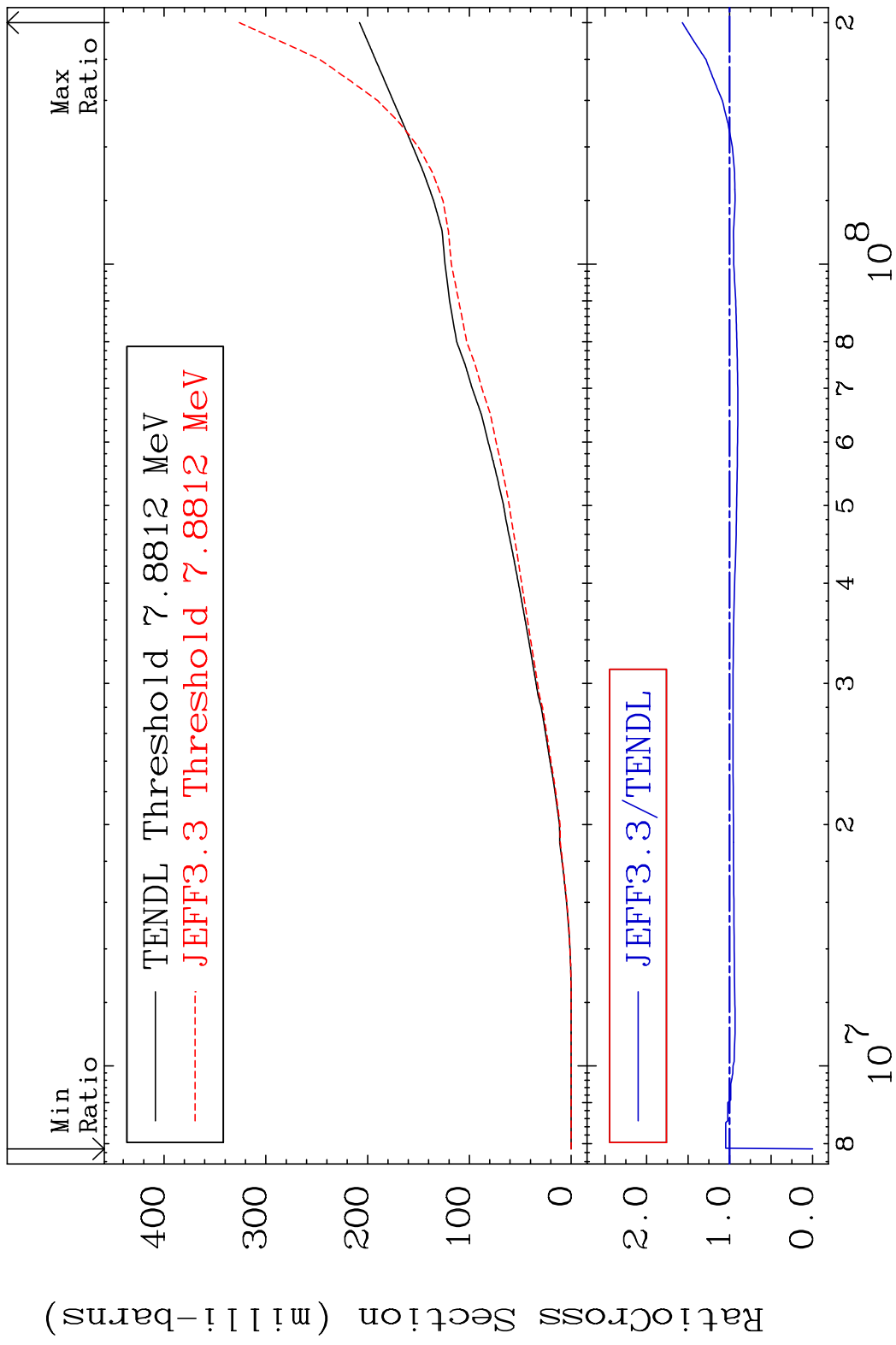


63

Incident Energy (eV)

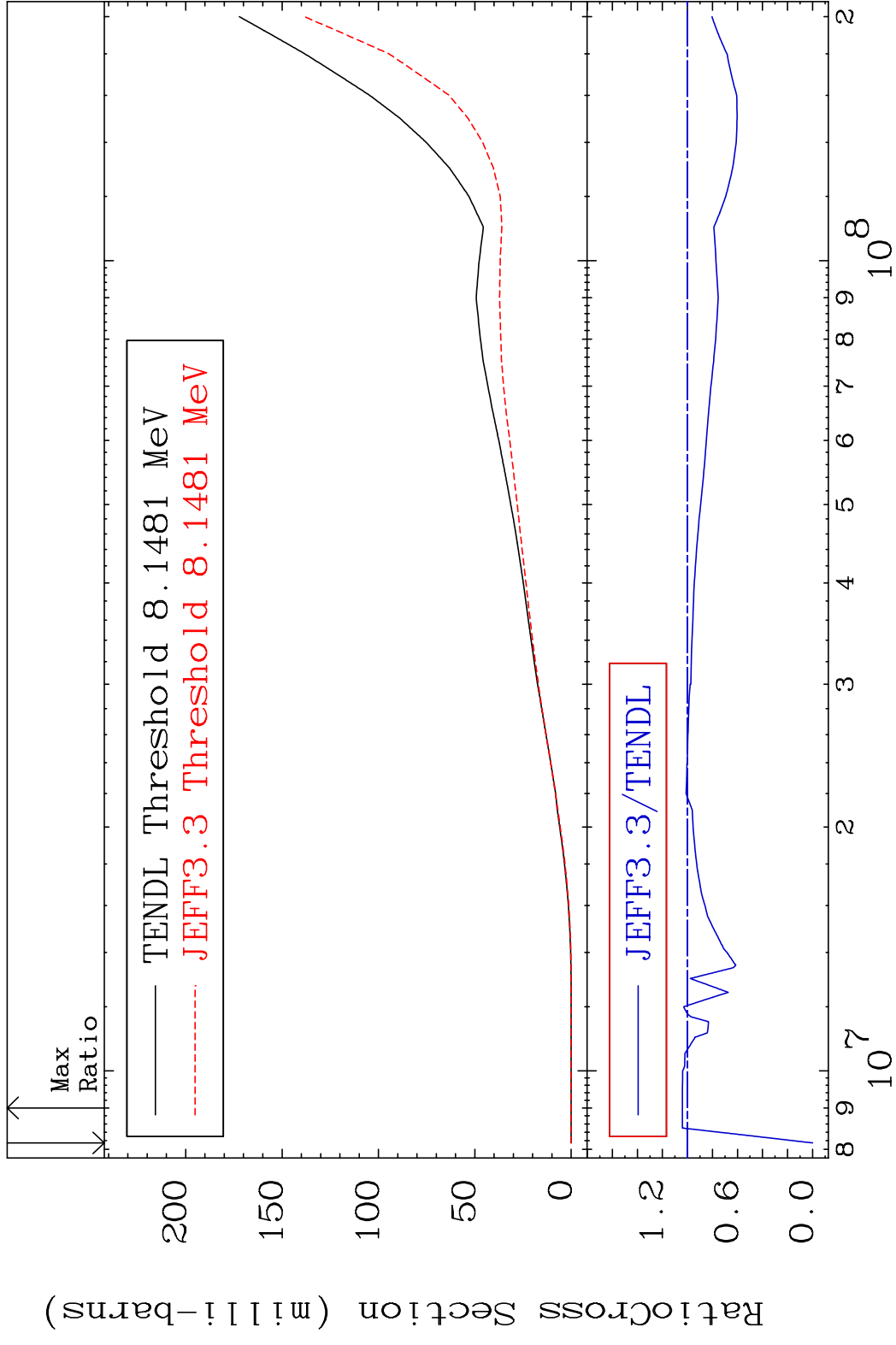
32-Ge-73

MAT 3234 Deuterium Production 32-Ge-73
 Cross Section -100.0 To 56.82 %



64 Incident Energy (eV) 32-Ge-73

MAT 3234 Tritium Production 32-Ge-73
 Cross Section -100.0 To 4.061 %

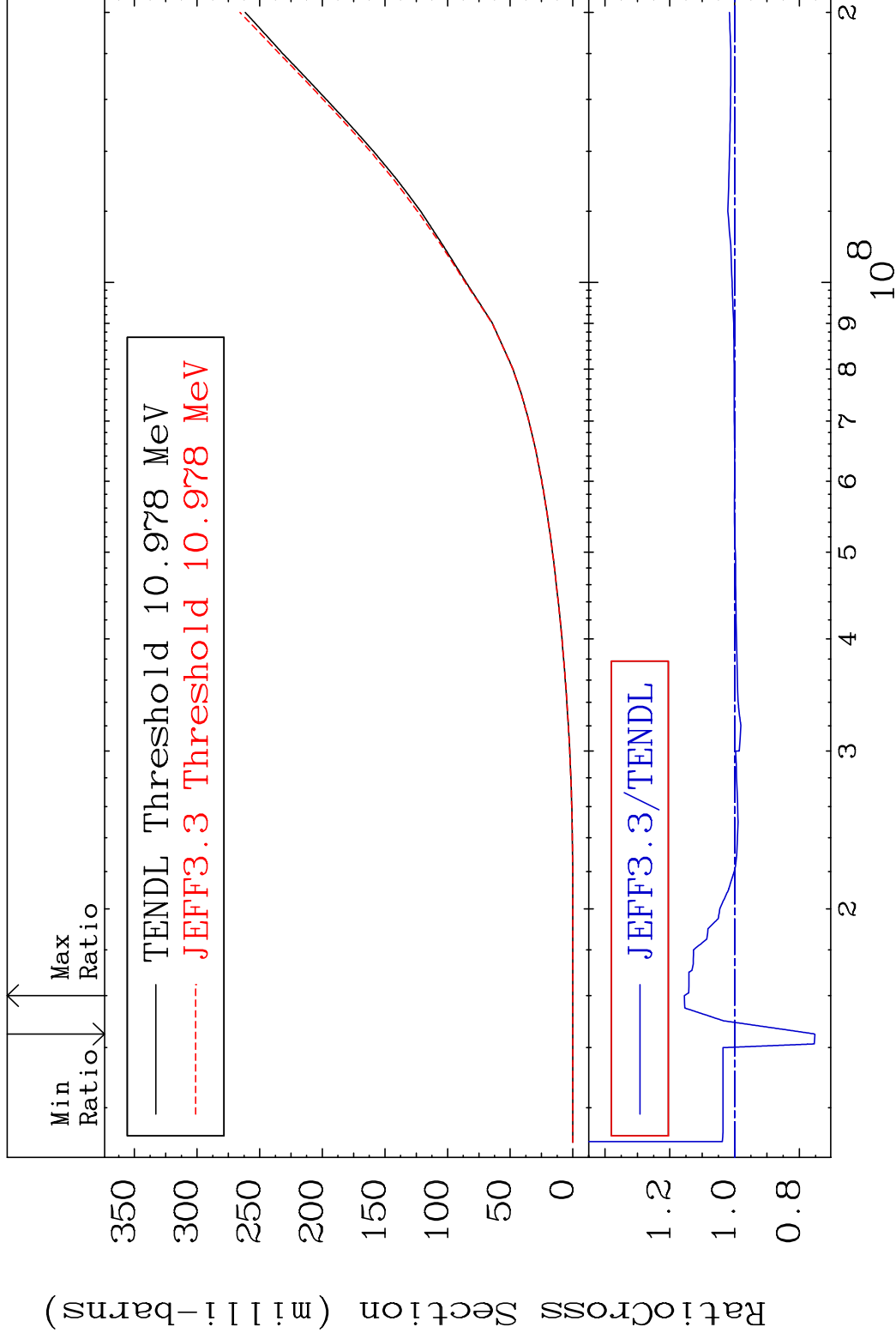


MAT 3234

He-3 Production

32-Ge-73

Cross Section -24.77 To 15.52 %



66

Incident Energy (eV)

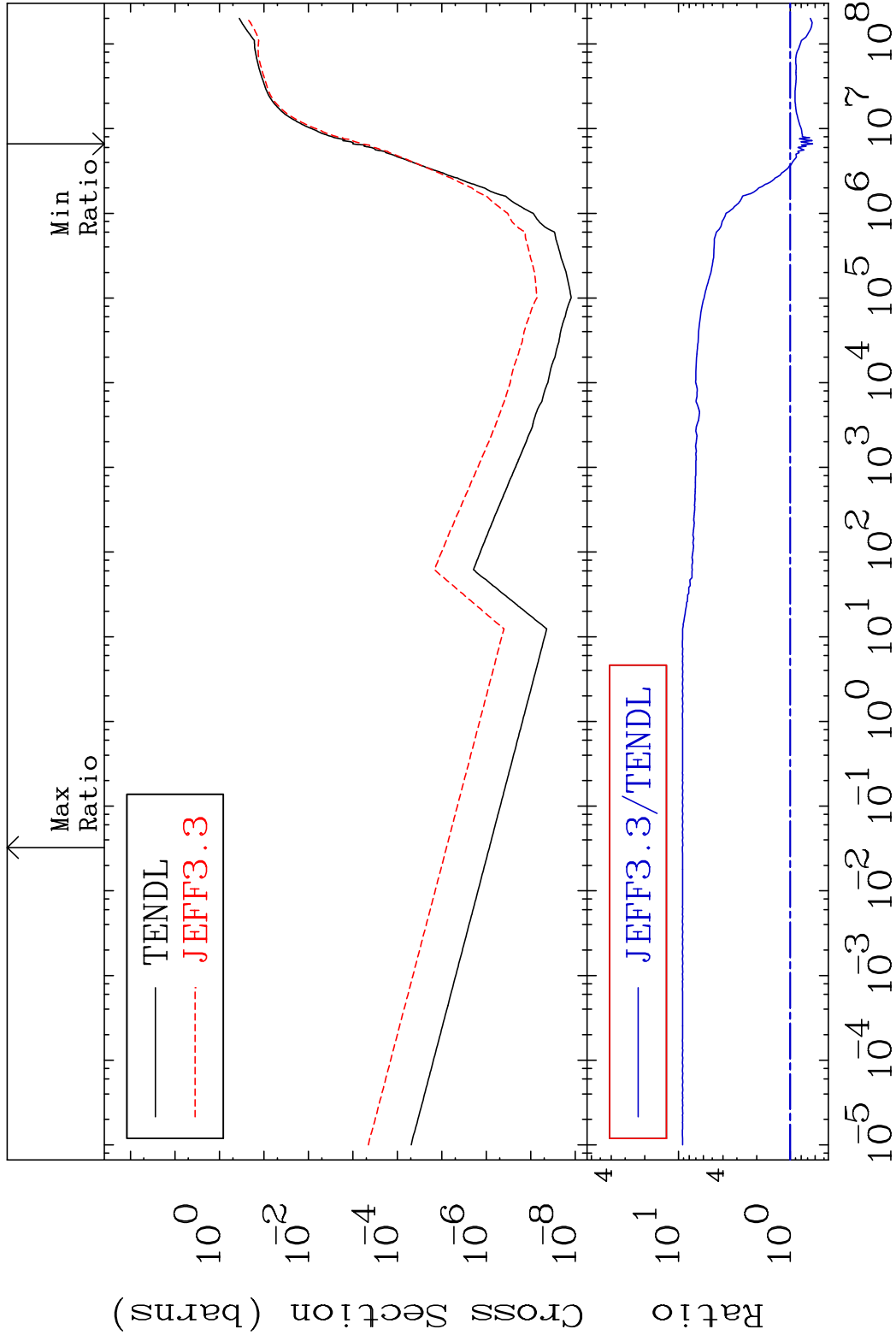
32-Ge-73

MAT 3234

He-4 Production

32-Ge-73

Cross Section -36.69 To 823.4 %

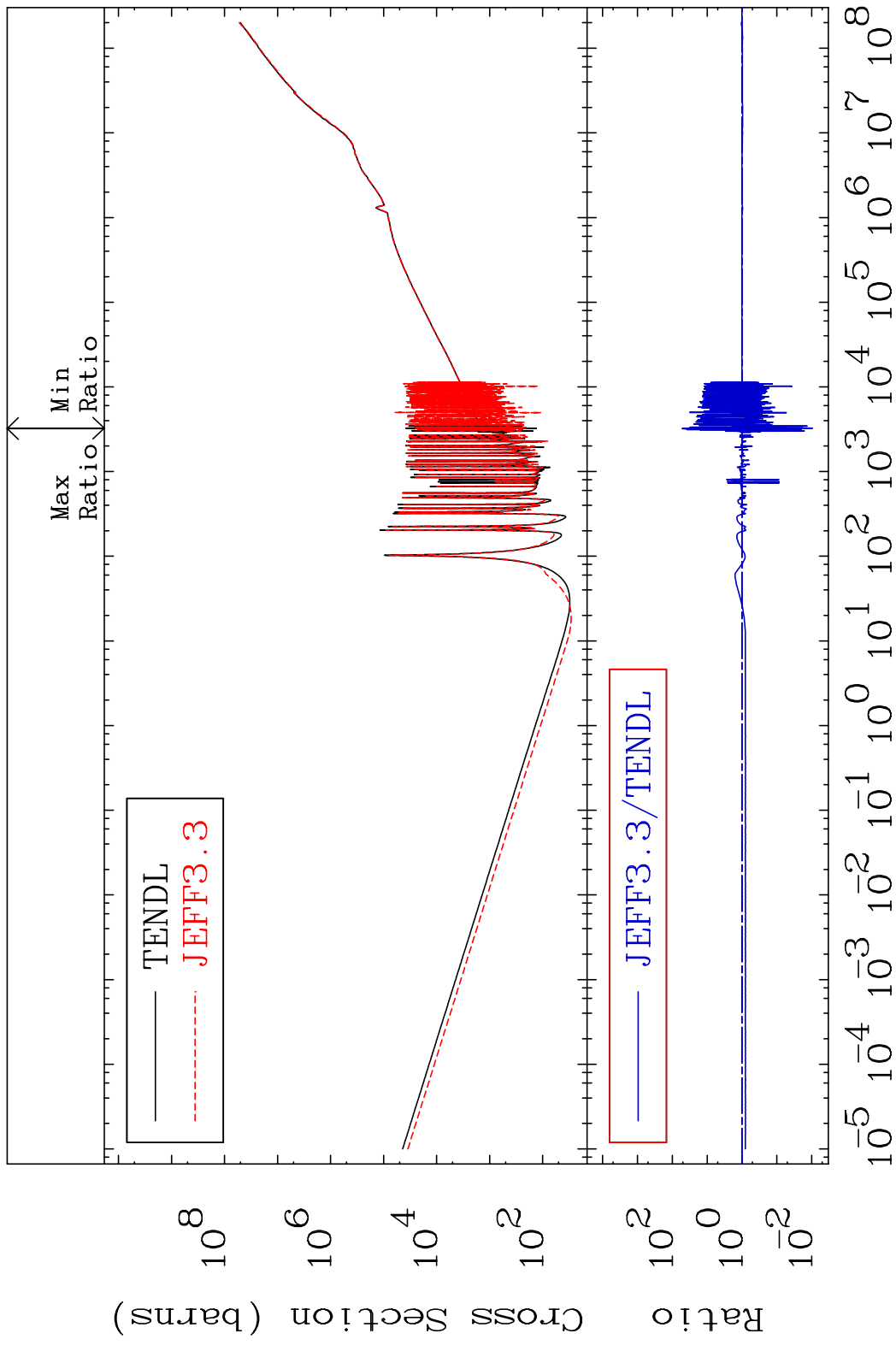


67

Incident Energy (eV)

32-Ge-73

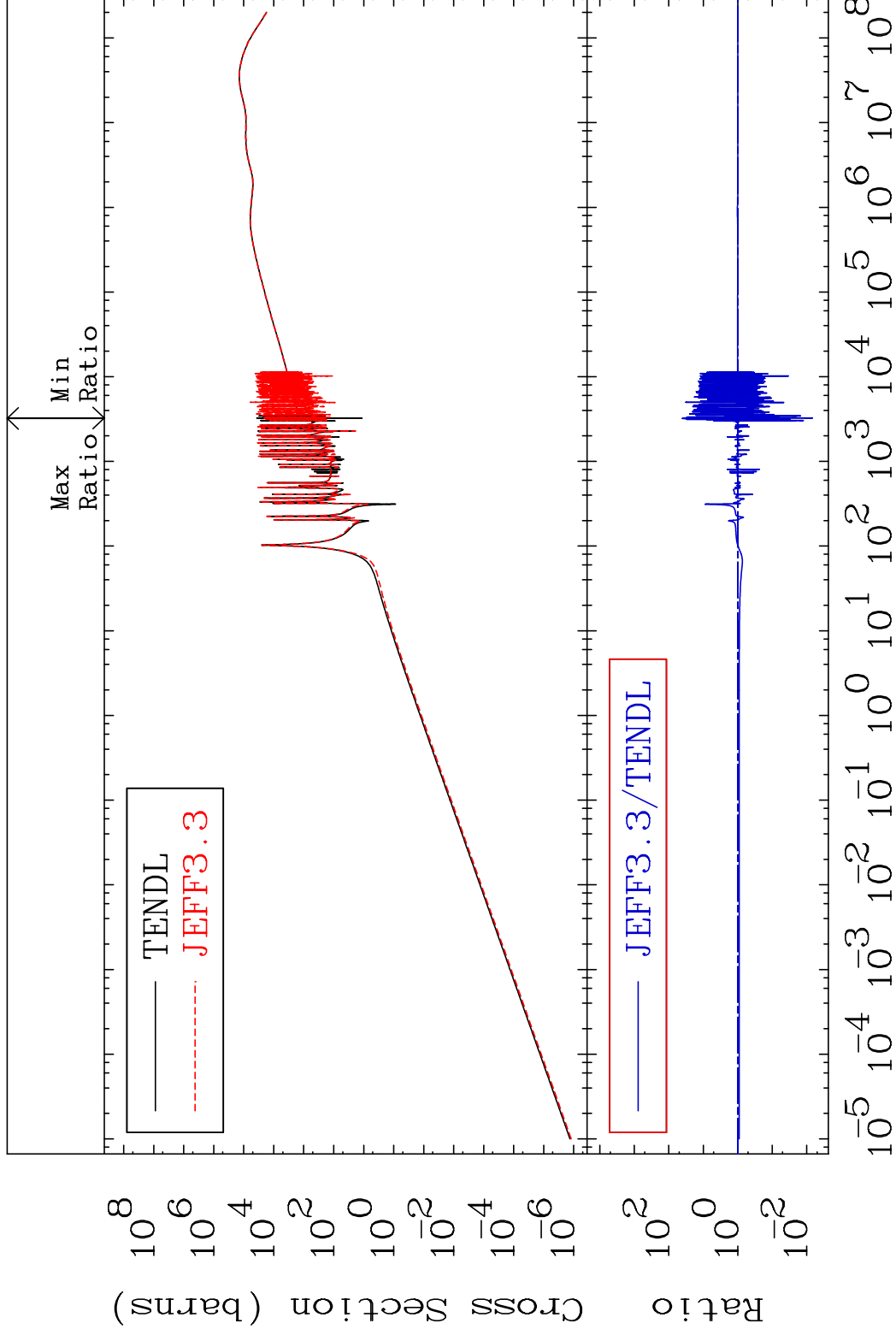
MAT 3234 Kerma total (eV-barns) 32-Ge-73
 Cross Section -99.05 To 5046. %



MAT 3234

Kerma elastic
Cross Section -99.32 To 3946. %

32-Ge-73

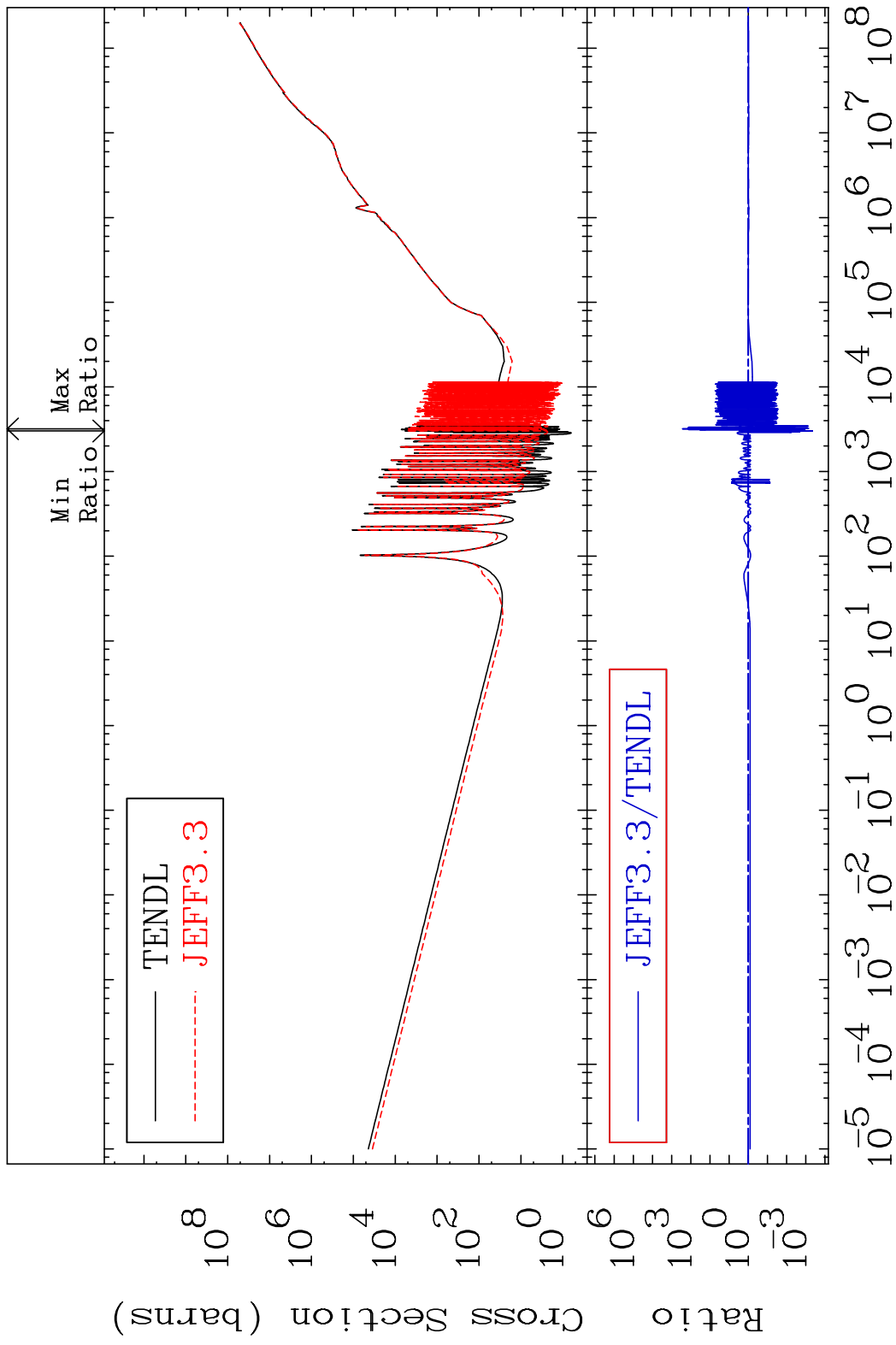


69

Incident Energy (eV)

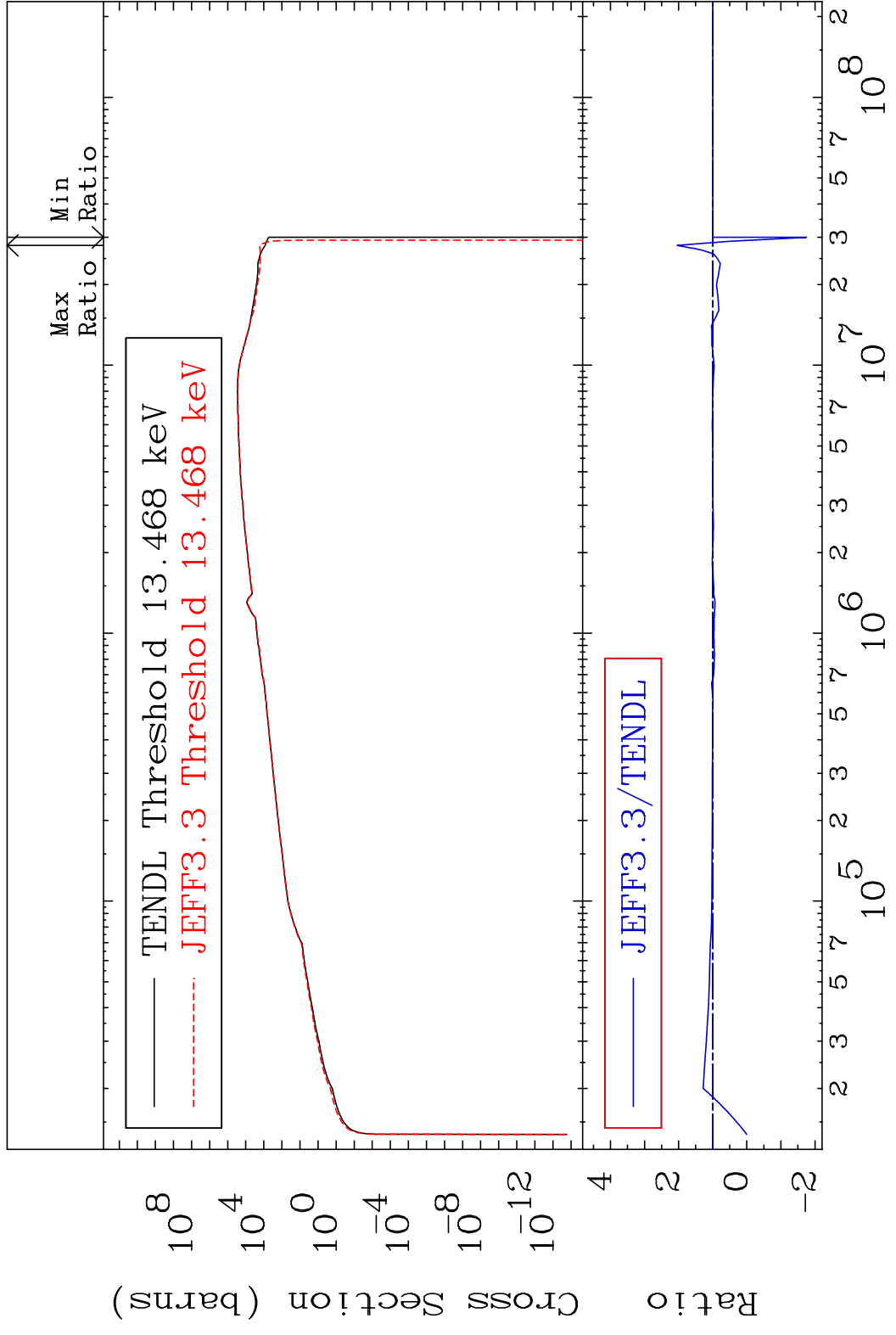
32-Ge-73

MAT 3234 Kerma non-elastic (all but mt2) 32-Ge-73
 Cross Section -99.96 To 9999. %

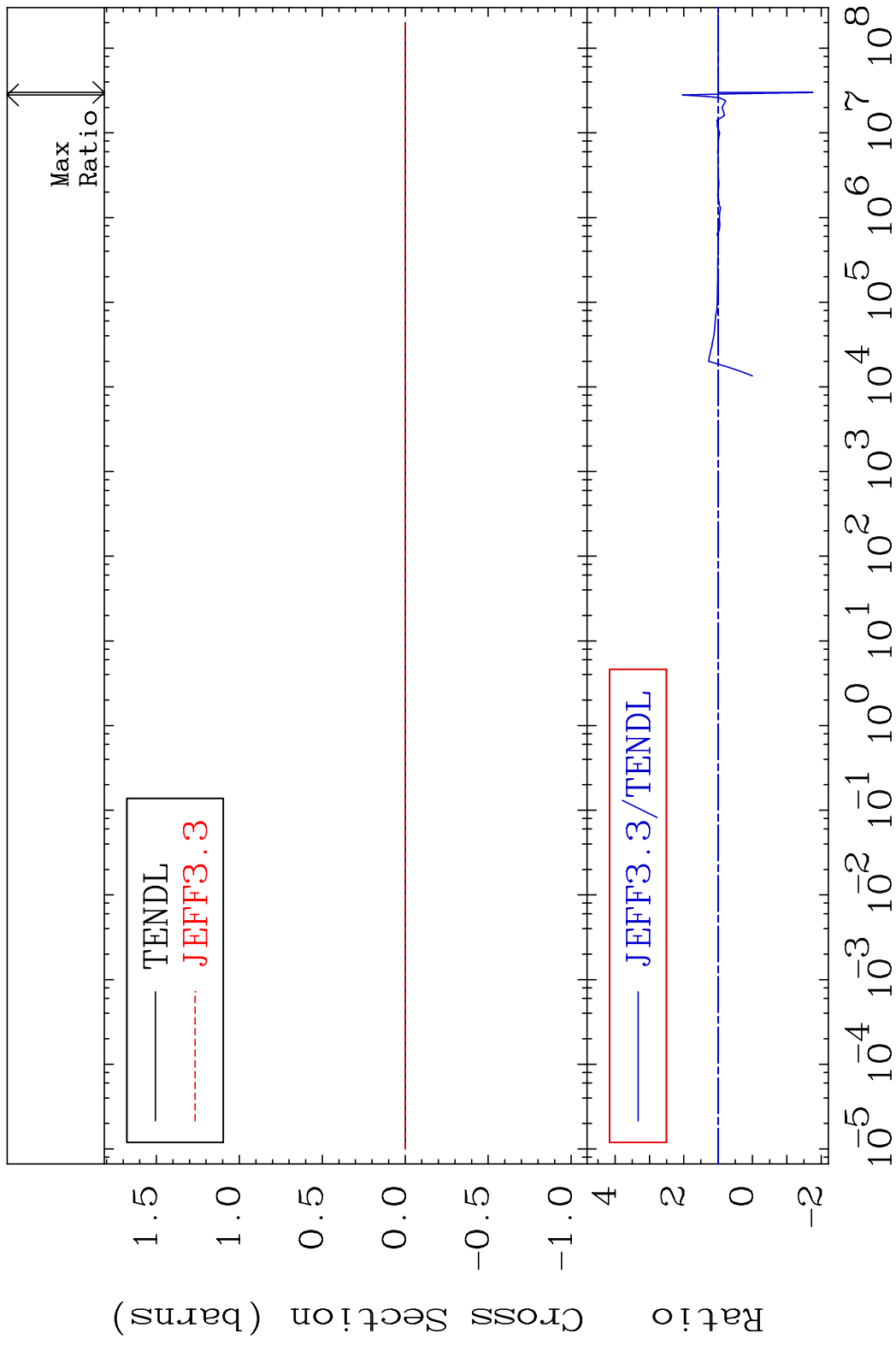


70 Incident Energy (eV) 32-Ge-73

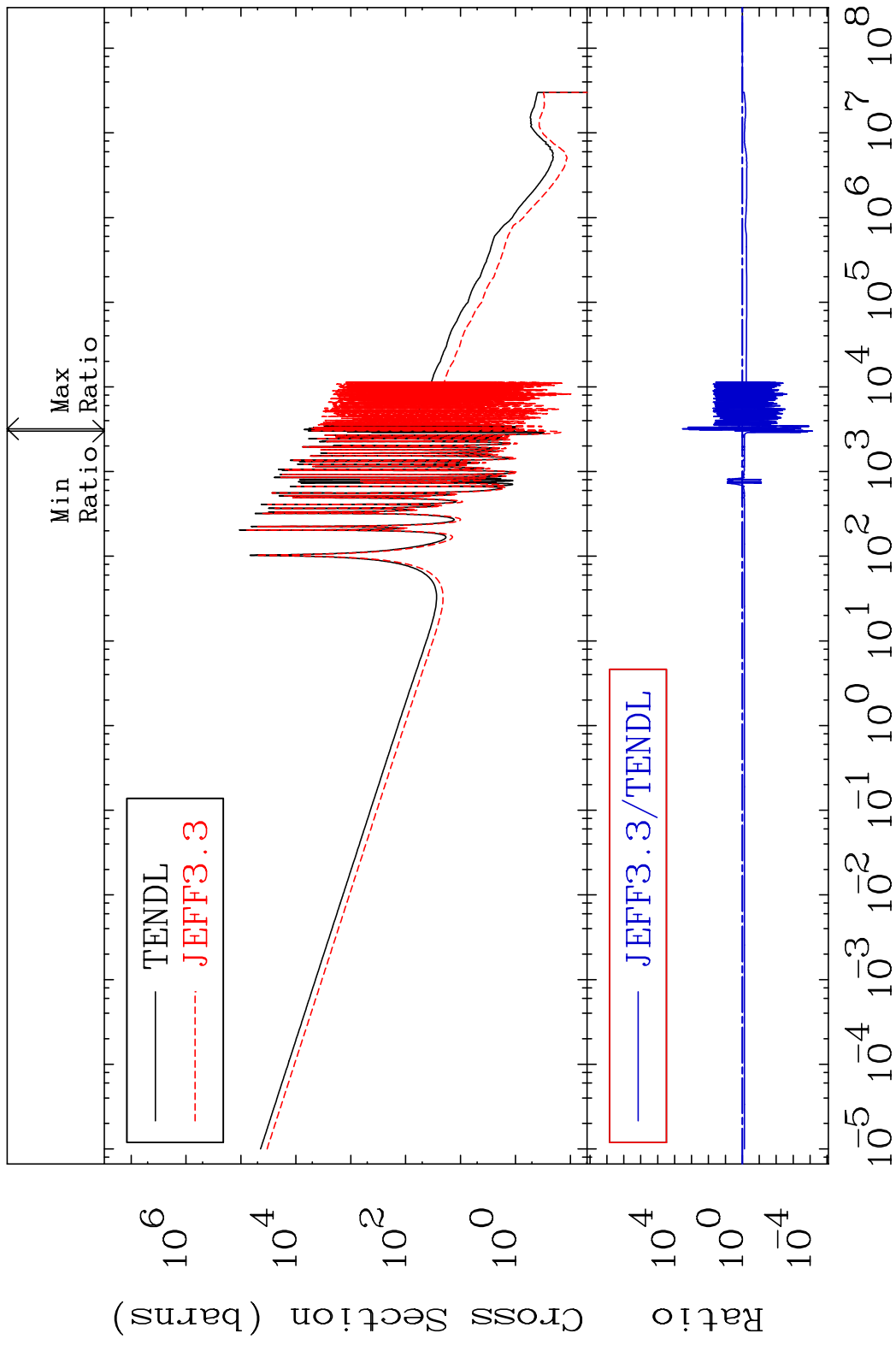
MAT 3234 Kerma inelastic (mt51-91) 32-Ge-73
 Cross Section -274.8 To 104.2 %



MAT 3234 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-73
 Cross Section -274.8 To 104.2 %

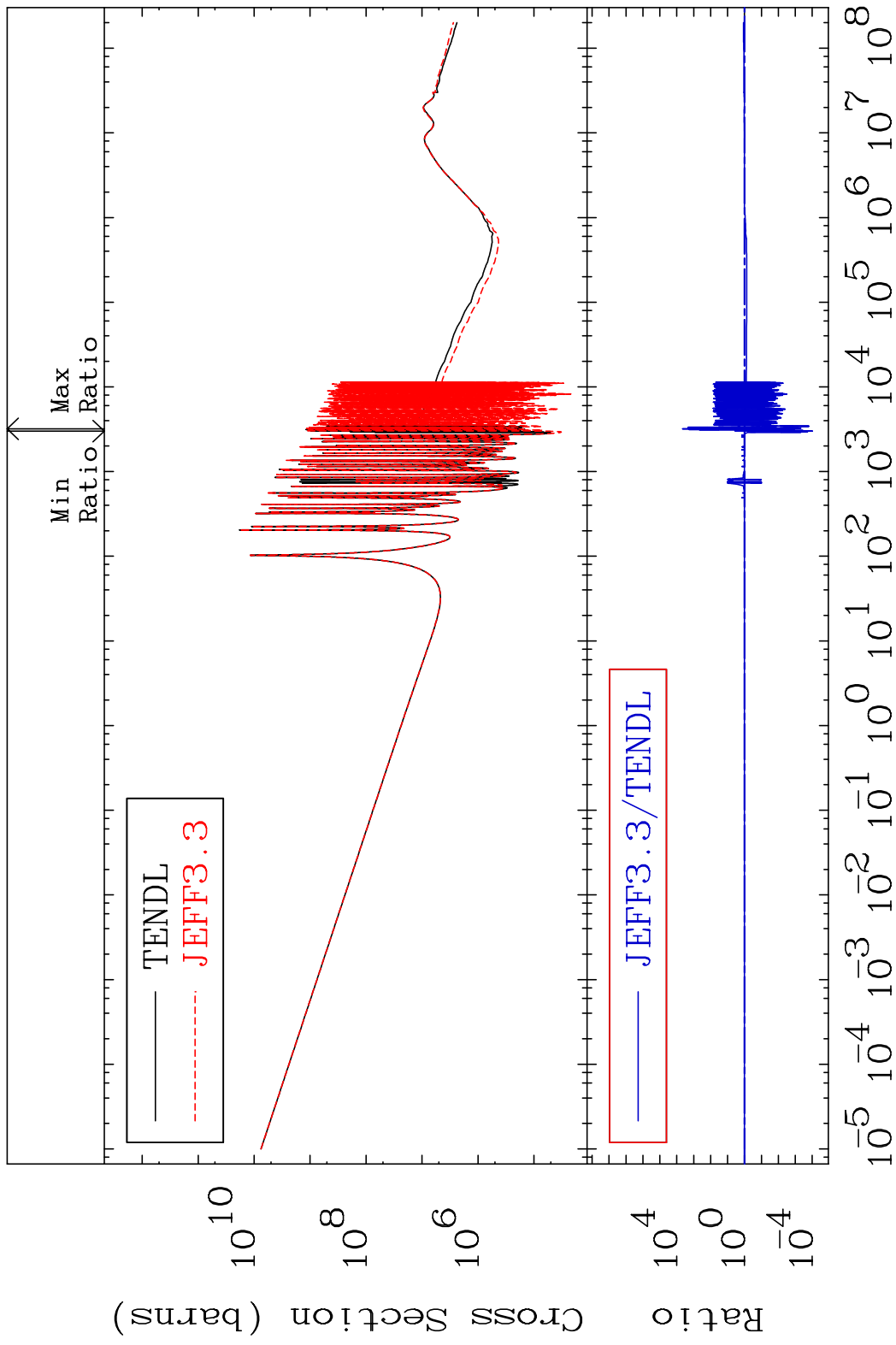


MAT 3234 Kerma capture (mt102) 32-Ge-73
Cross Section -99.99 To 9999. %



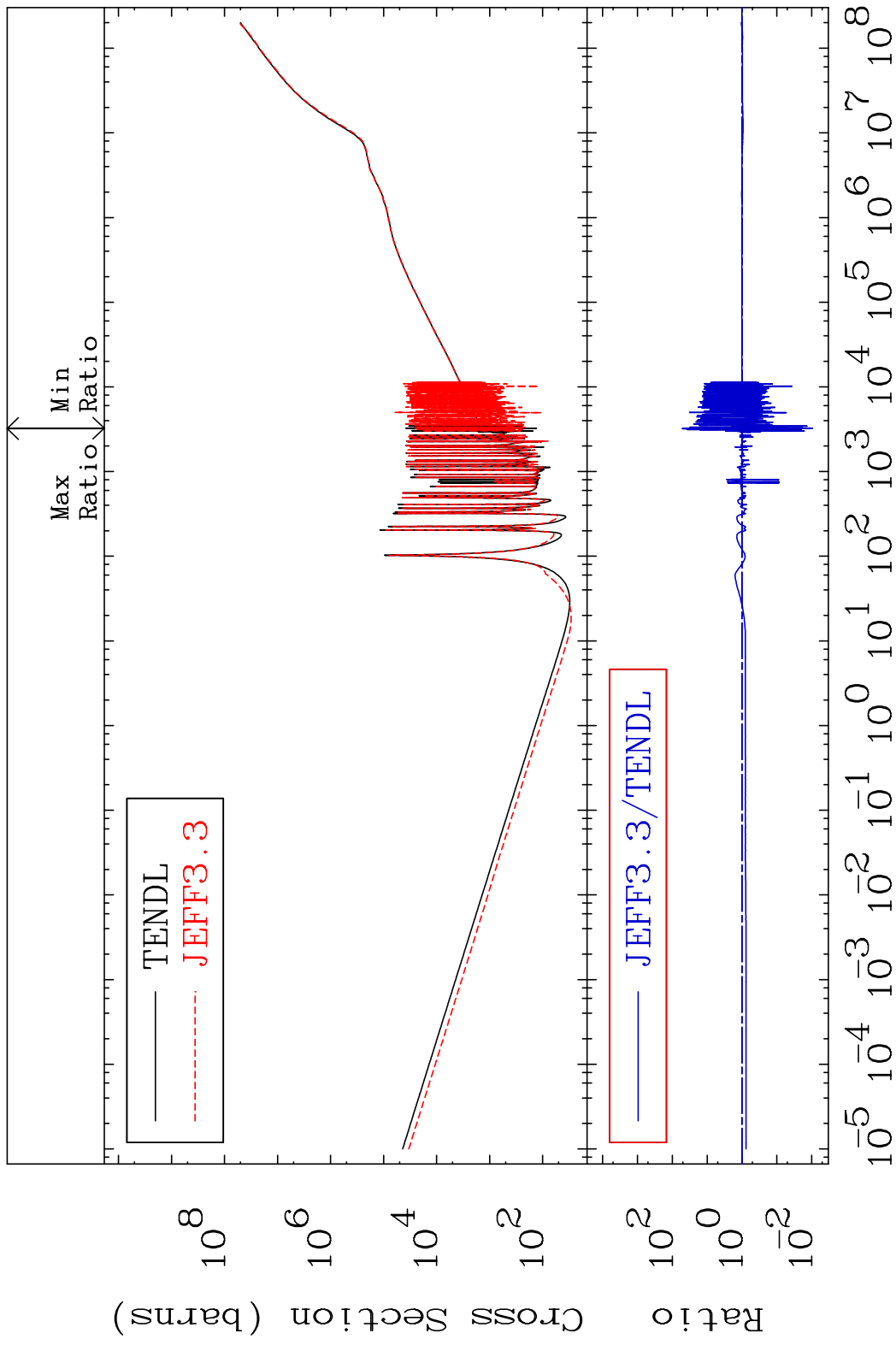
73 Incident Energy (eV) 32-Ge-73

MAT 3234 Total photon (eV-barns) 32-Ge-73
 Cross Section -99.99 To 9999. %

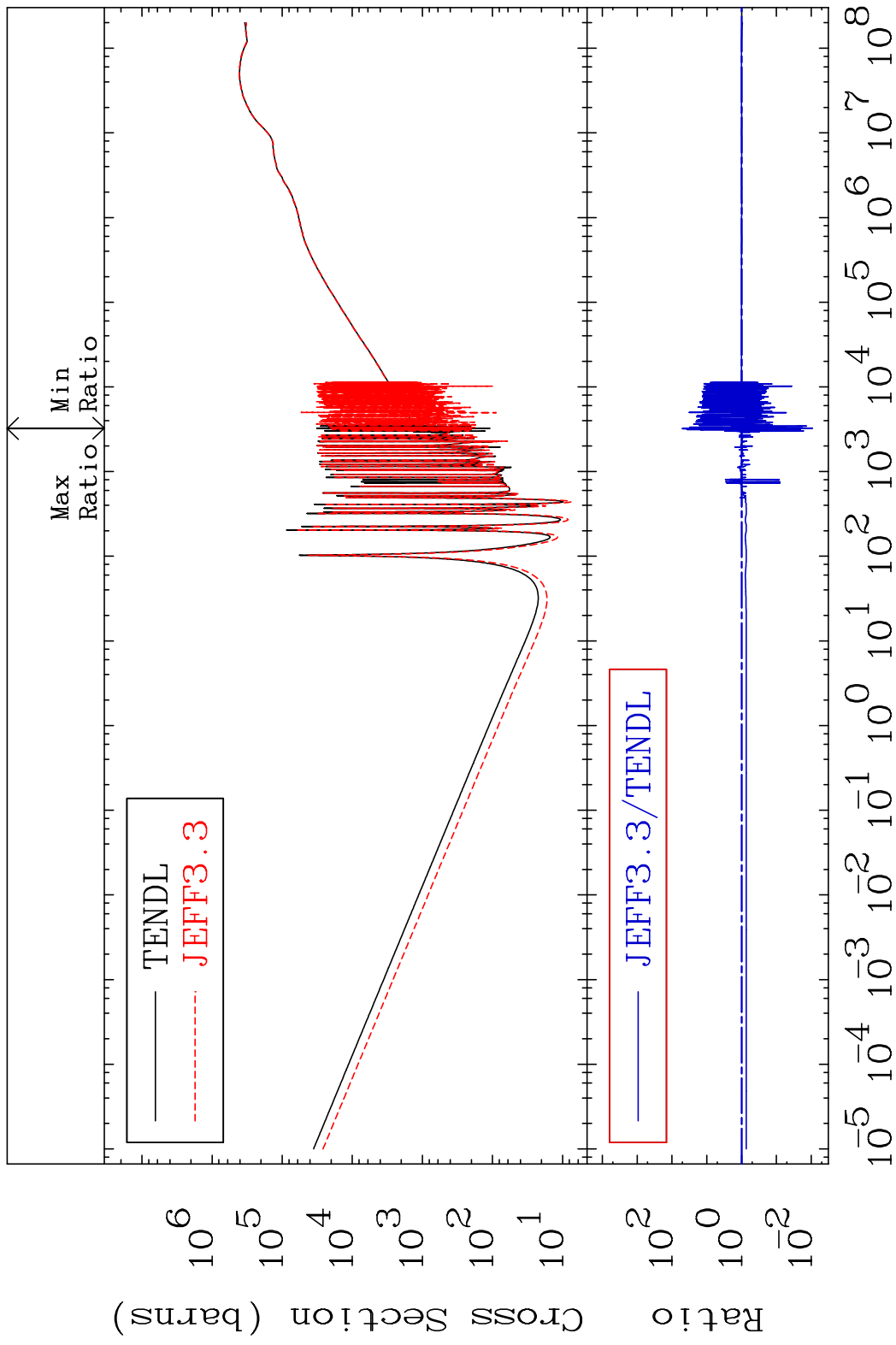


74 Incident Energy (eV) 32-Ge-73

MAT 3234 Total kinematic kerma (high limit) 32-Ge-73
 Cross Section -99.05 To 5046. %



MAT 3234 Dpa total (eV-barns) 32-Ge-73
 Cross Section -99.08 To 4927. %



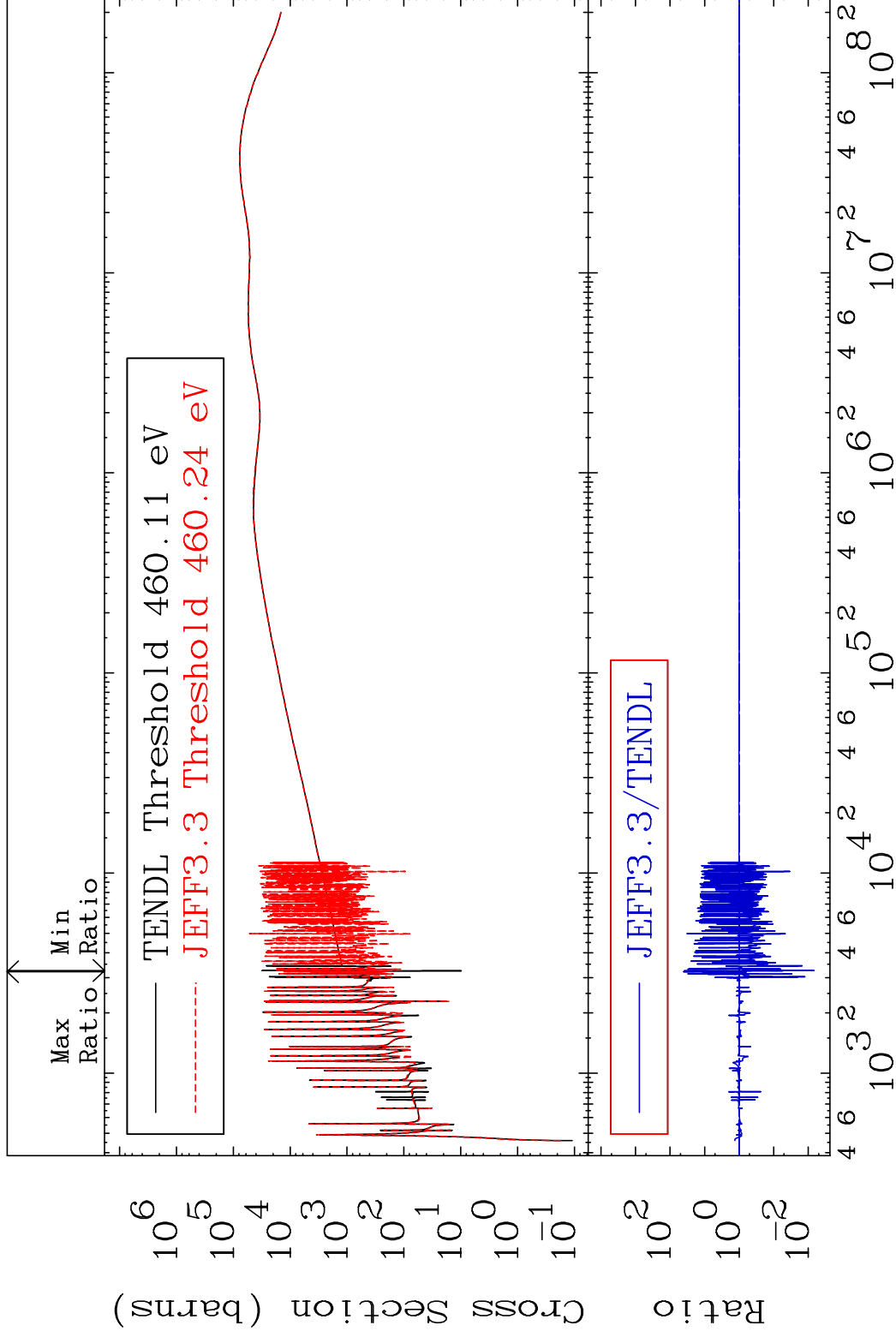
76 Incident Energy (eV) 32-Ge-73

MAT 3234

Dpa elastic (mt2)

32-Ge-73

Cross Section -99.32 To 3946. %

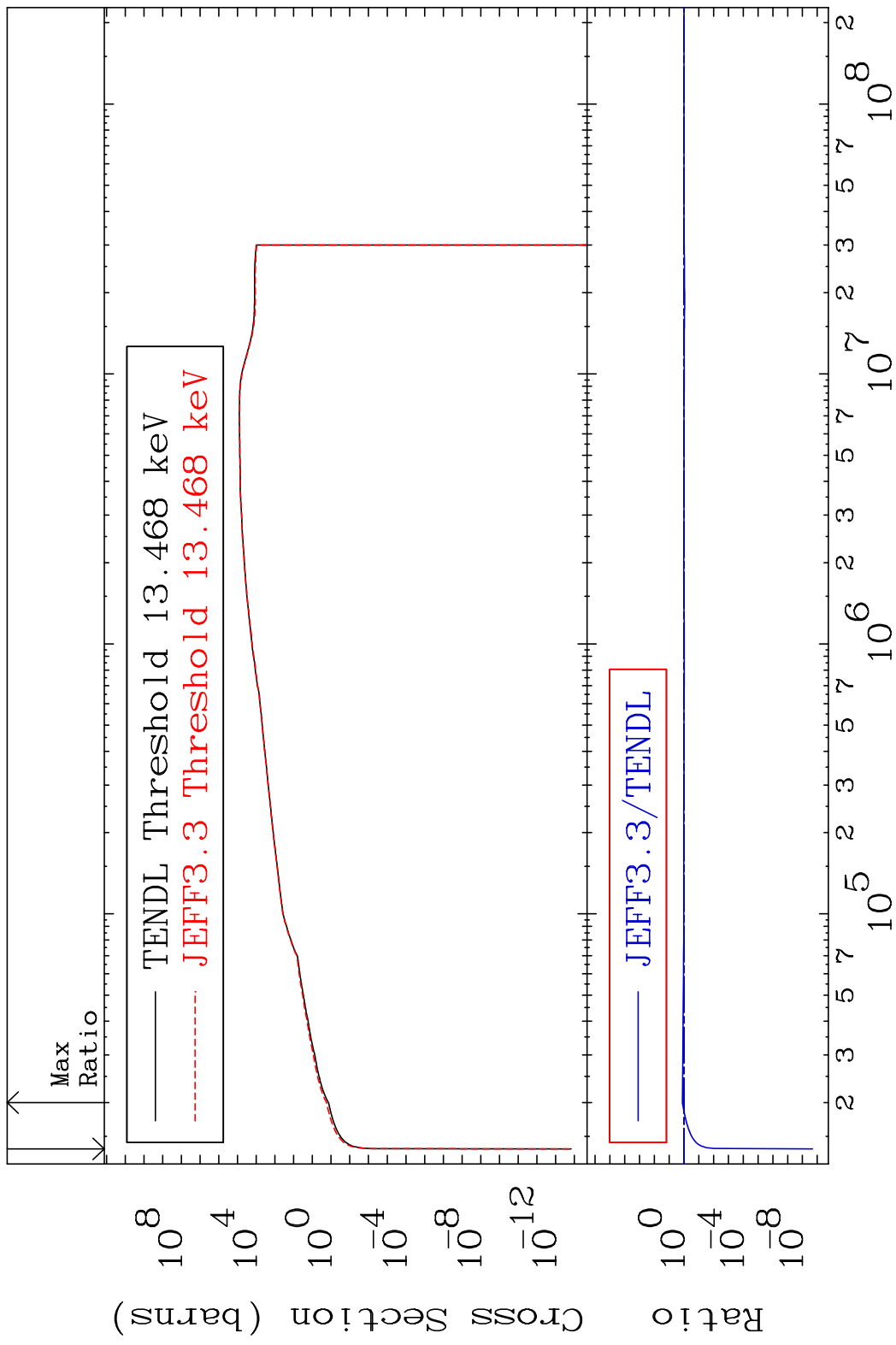


77

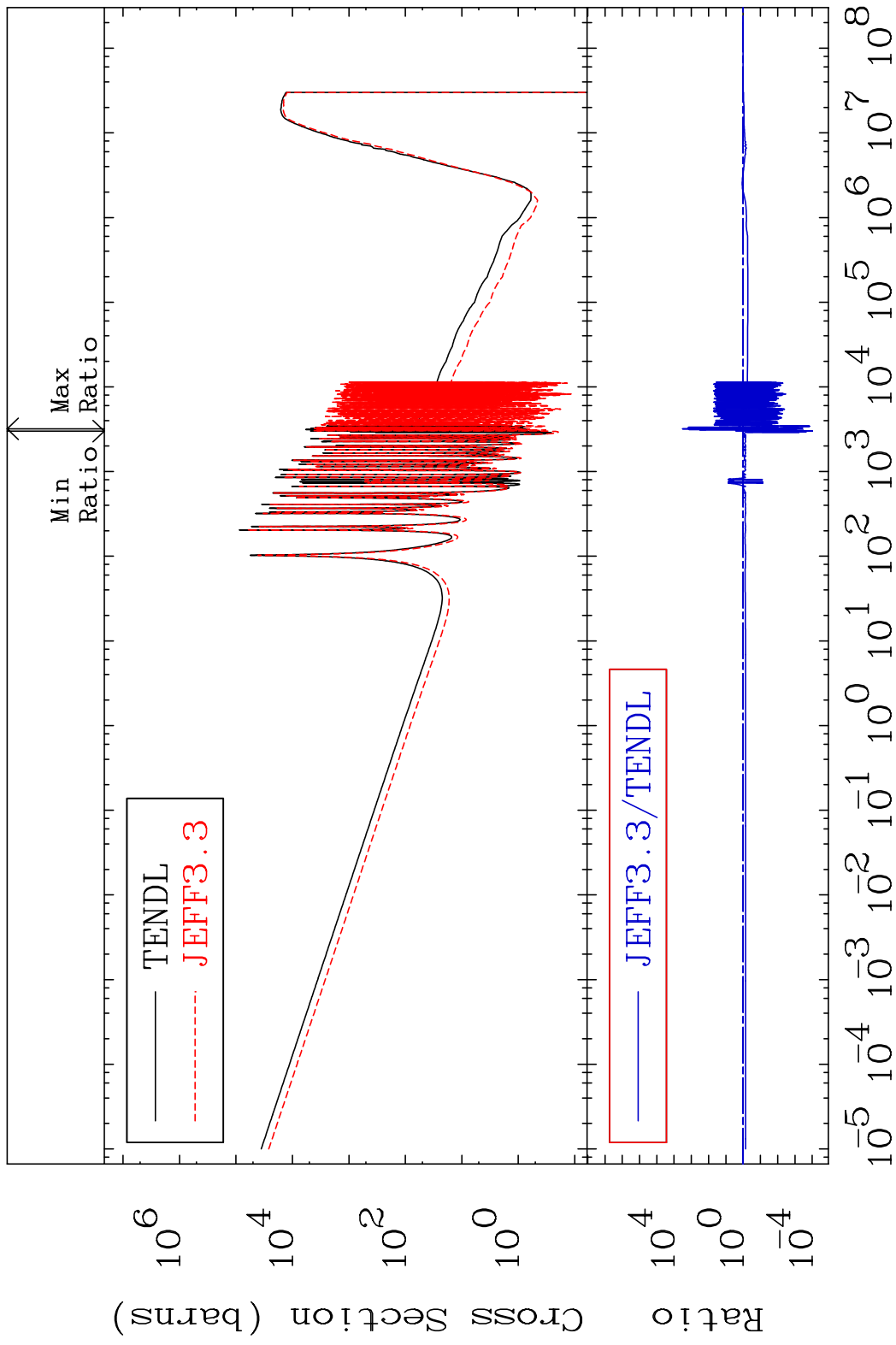
Incident Energy (eV)

32-Ge-73

MAT 3234 Dpa inelastic (mt51-91) ³²Ge-73
 Cross Section -100.0 To 28.03 %

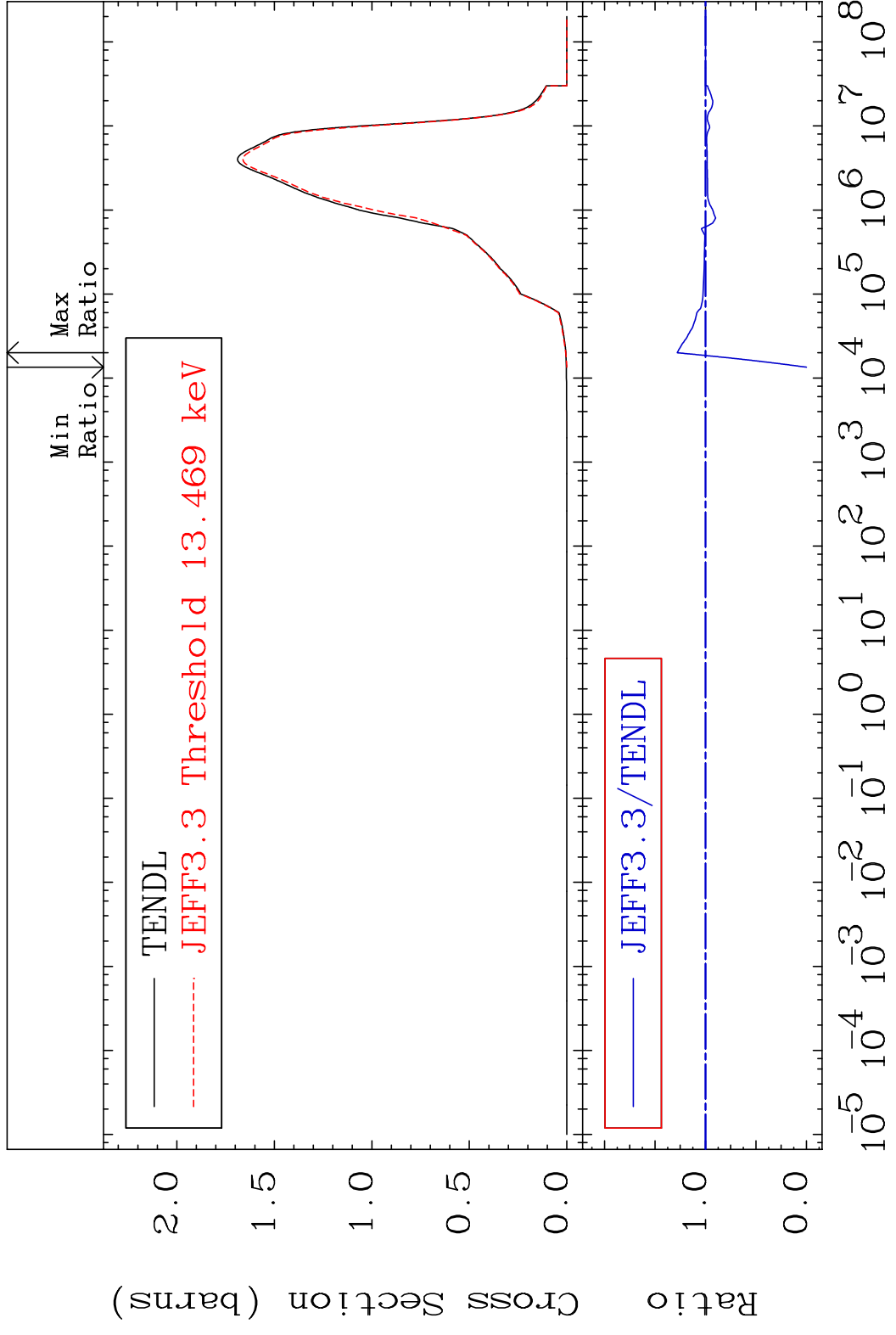


MAT 3234 Dpa disappearance (mt102 -120) 32-Ge-73
 Cross Section -99.99 To 9999. %



79 Incident Energy (eV) 32-Ge-73

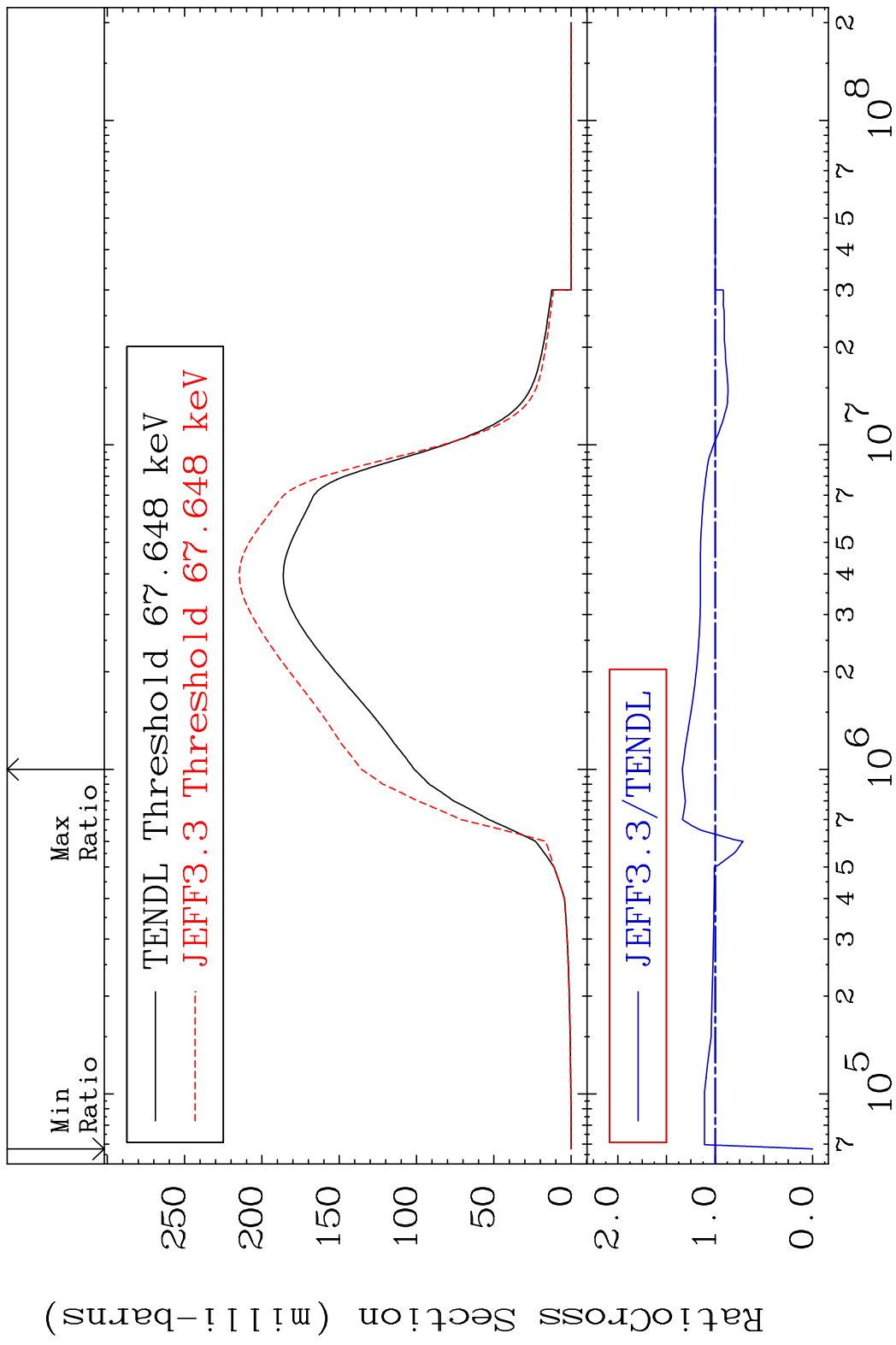
MAT 3234 Inelastic:32-Ge-73g 32-Ge-73
 Radionuclide Production Cross Section Ratio 28.03 %



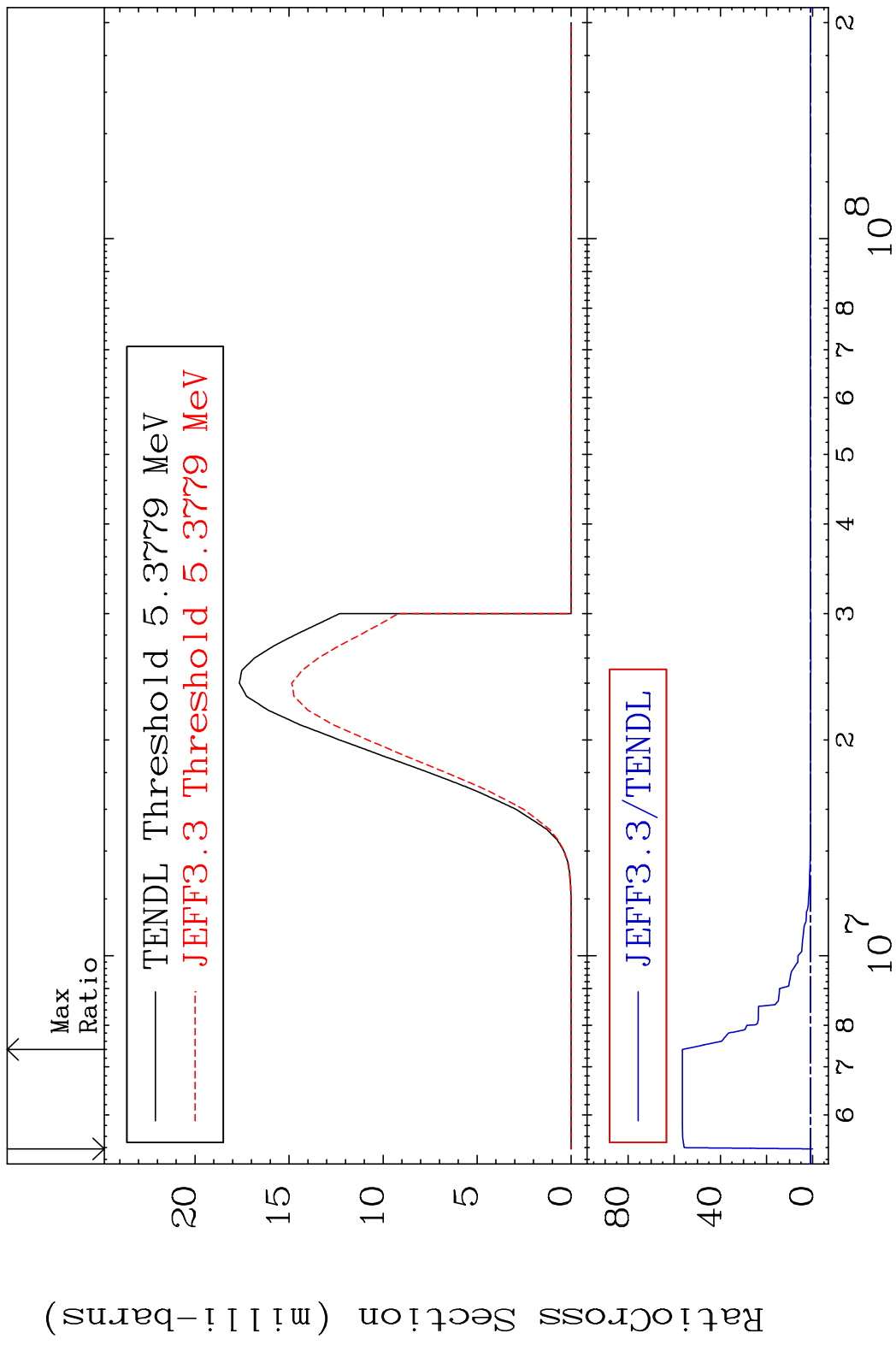
80

Incident Energy (eV)

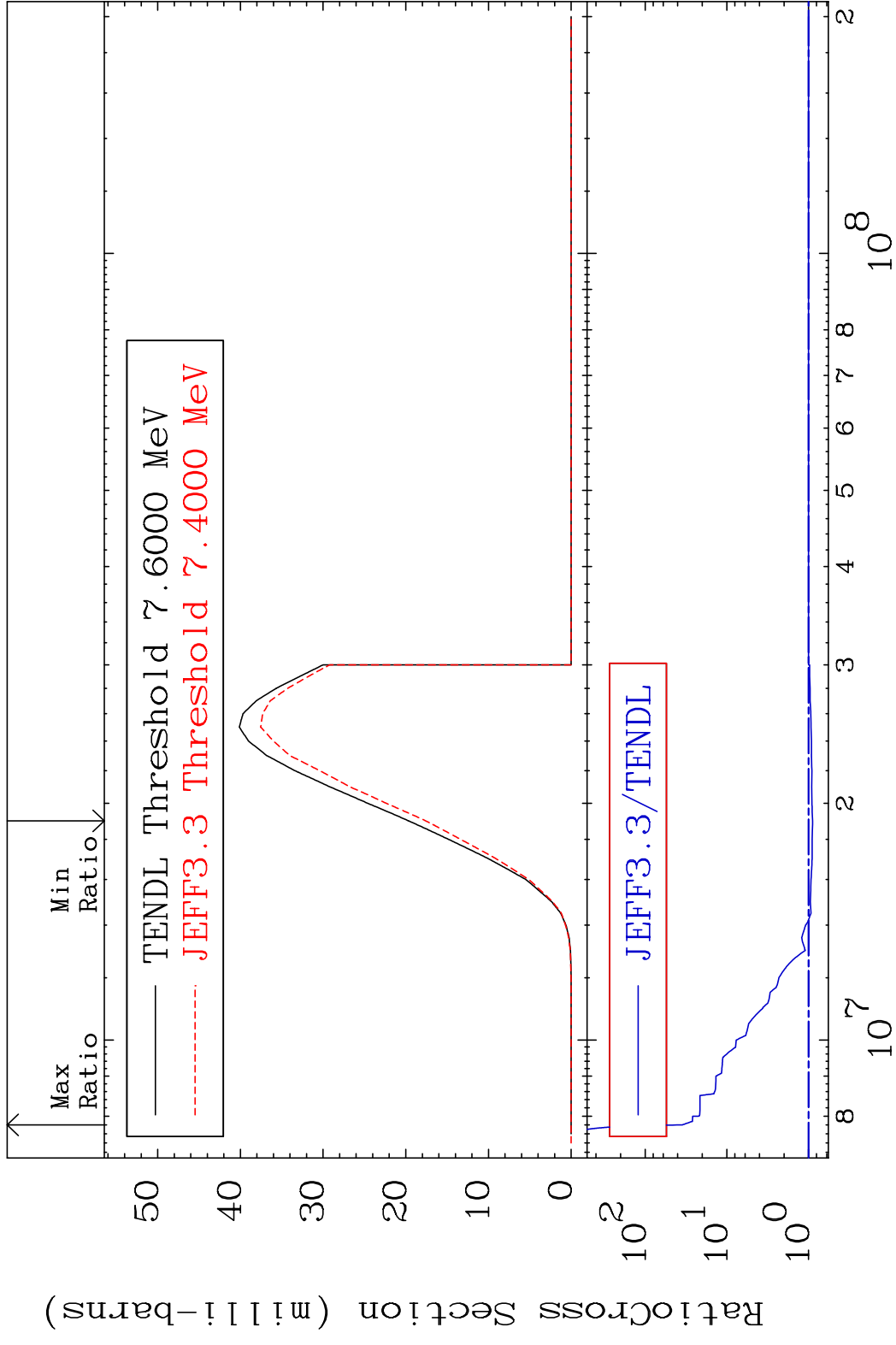
32-Ge-73



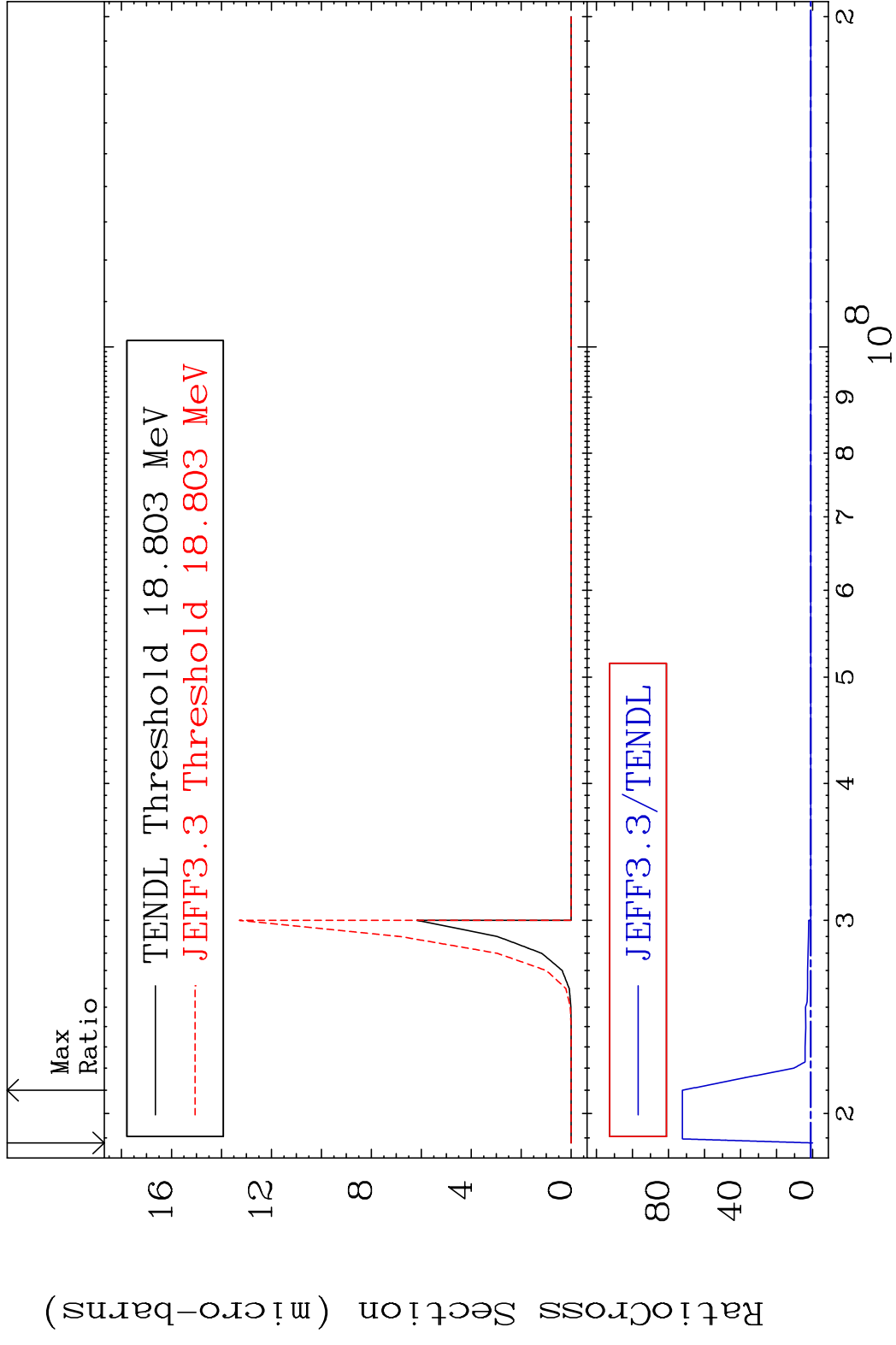
MAT 3234 (n, n') α :30-Zn-69g 32-Ge-73
 Radionuclide Production Cross Section 1800 d to 5550 . %



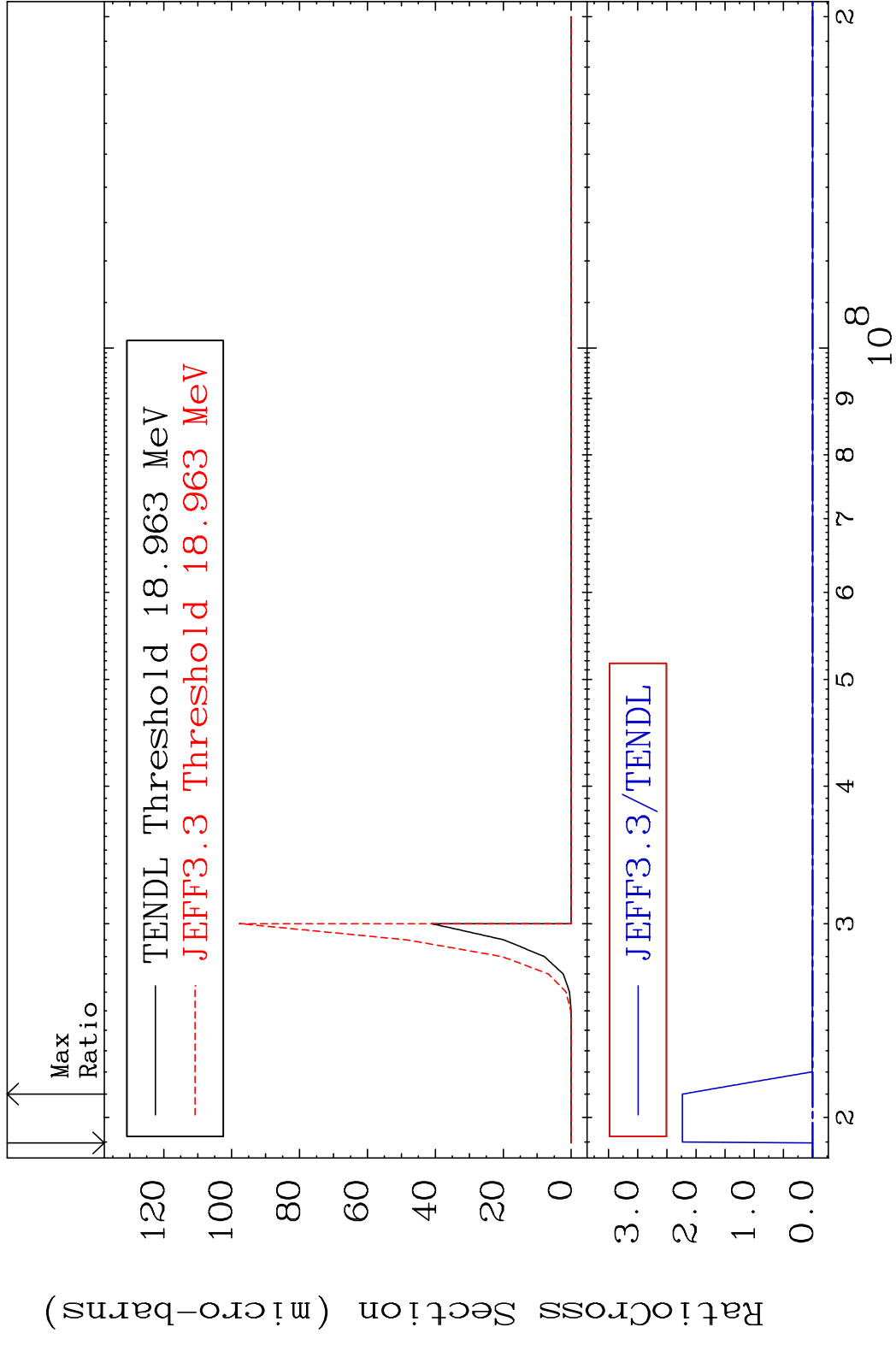
MAT 3234 (n, n') α :30-Zn-69m1 32-Ge-73
 Radionuclide Production Cross Section Ratio 3409. %



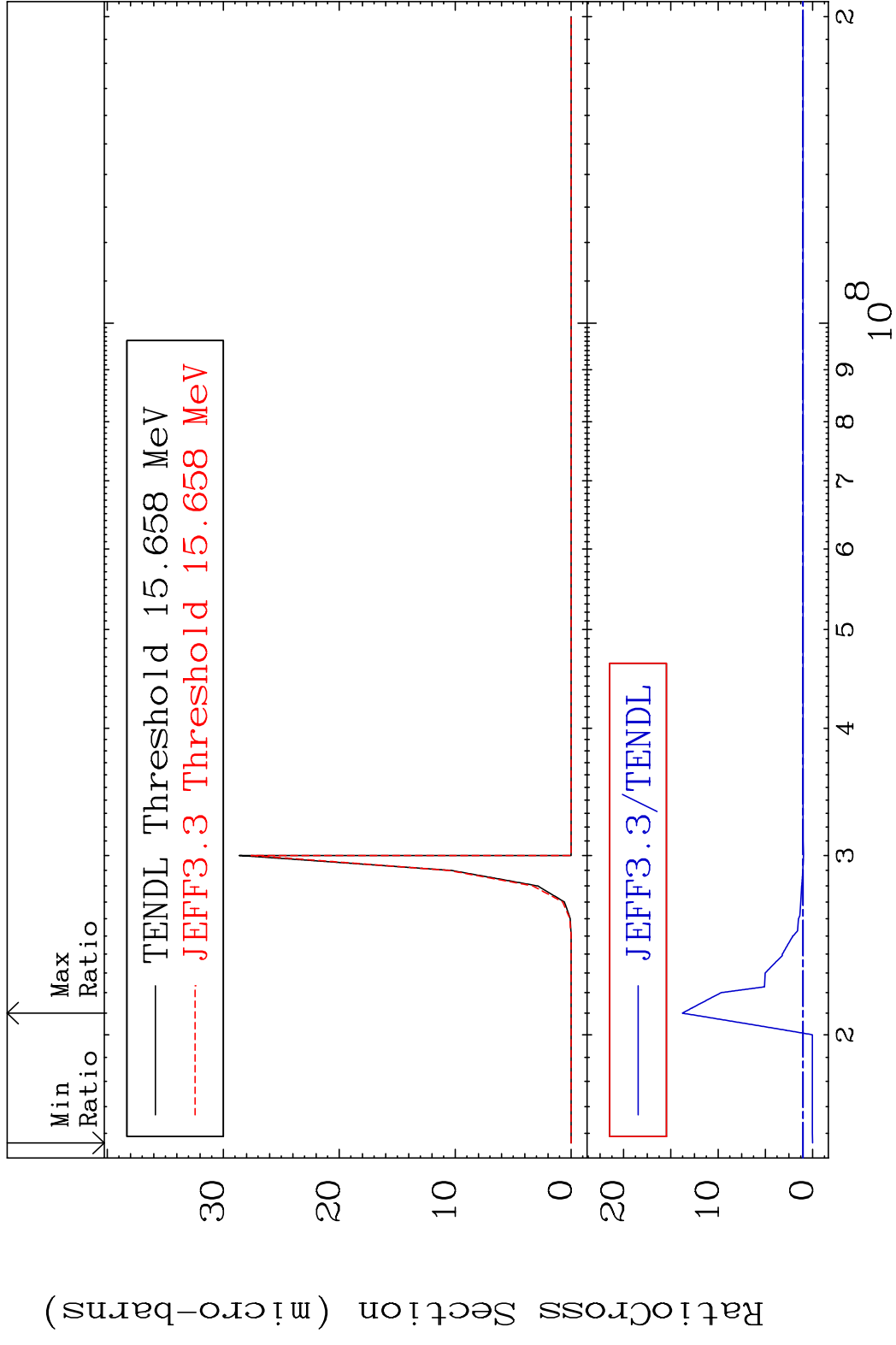
MAT 3234 (n,2n) p:30-Zn-71g 32-Ge-73
 Radionuclide Production Cross Section 18.803 MeV 7132. %



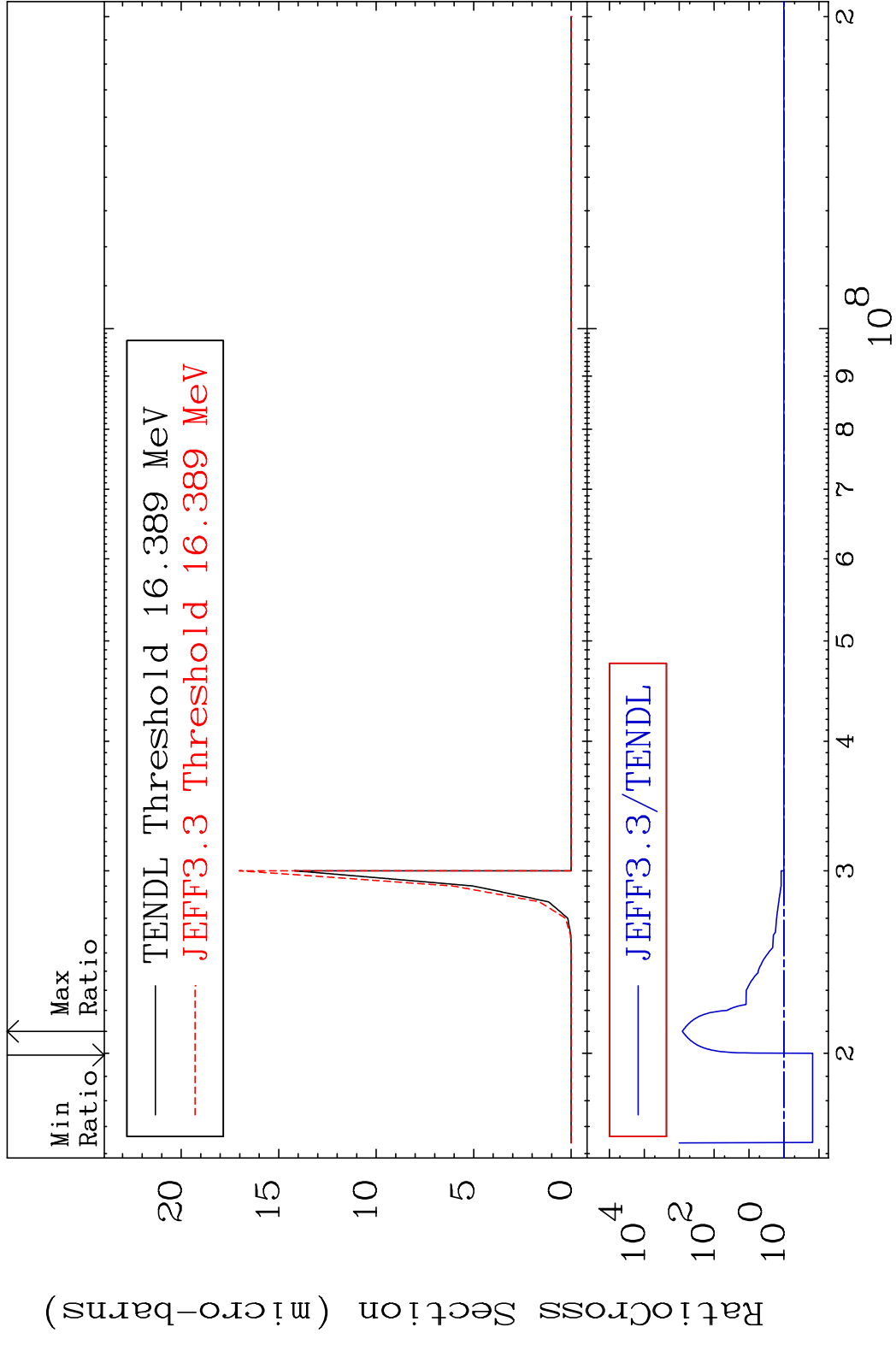
MAT 3234 (n,2n) p:30-Zn-71m1 32-Ge-73
 Radionuclide Production Cross Section Ratio 9999. %

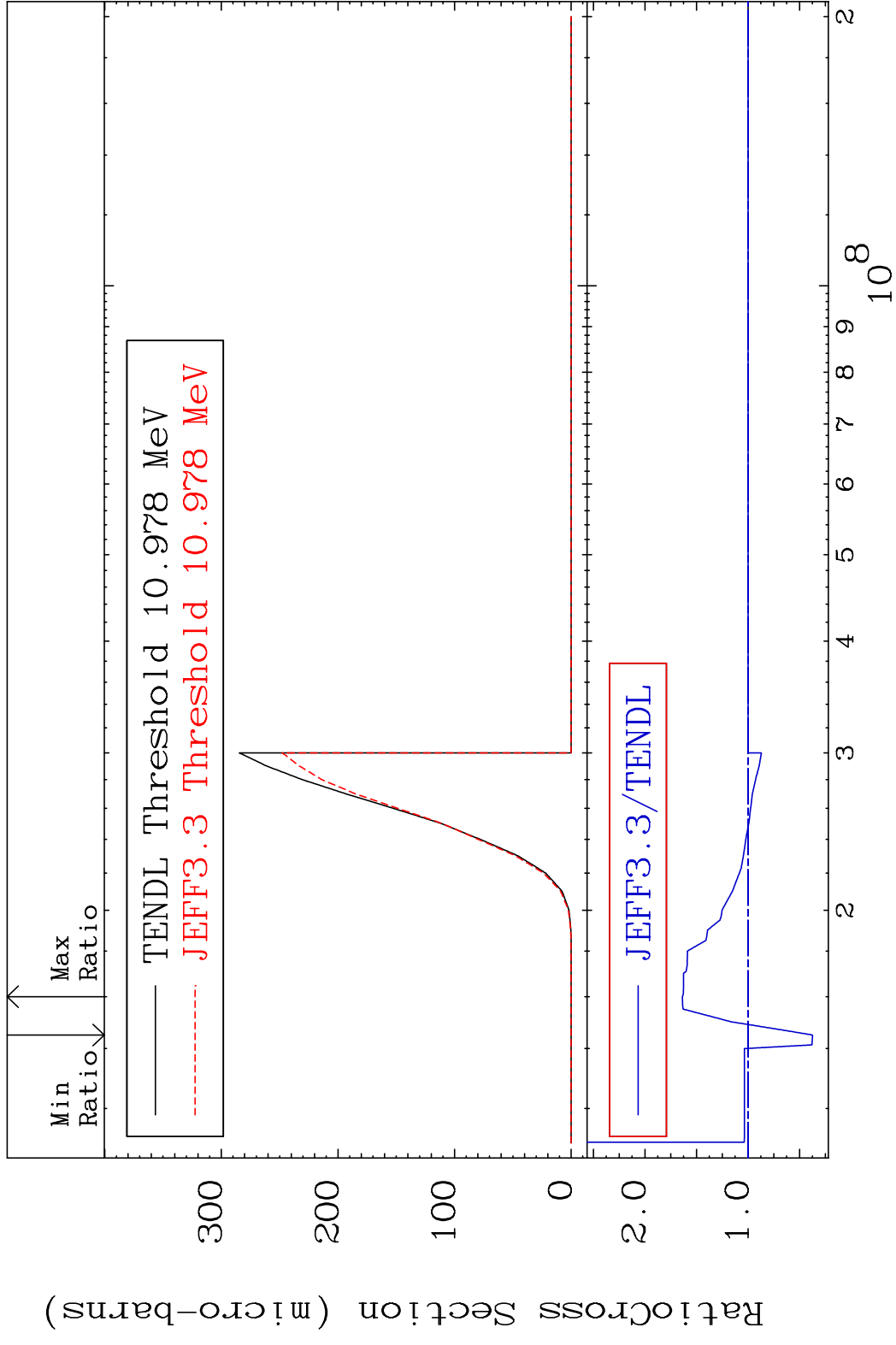


MAT 3234 (n, n') p α :29-Cu-68g 32-Ge-73
 Radionuclide Production Cross Section Ratio 1278. %

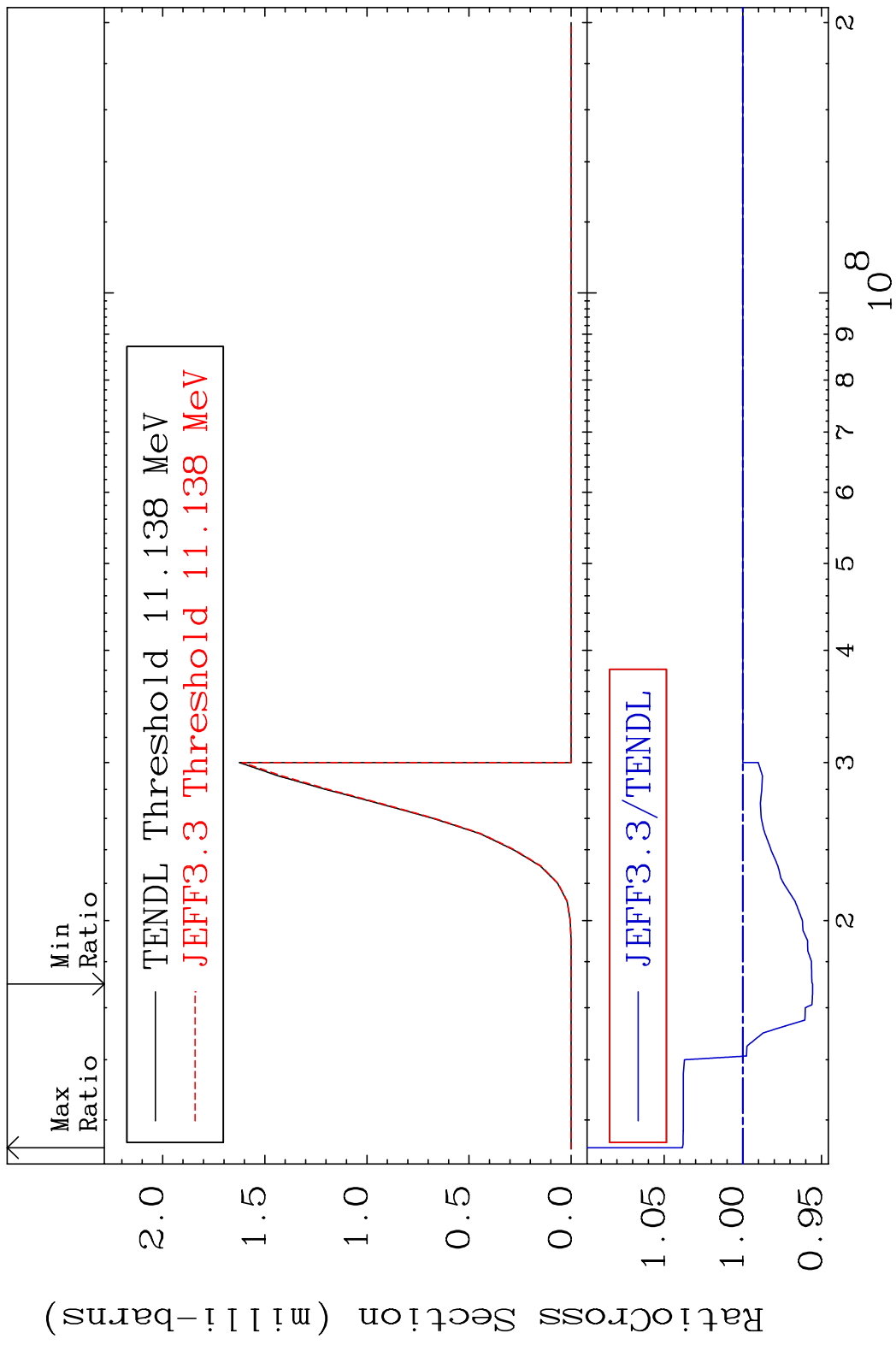


MAT 3234 (n, n') p α :29-Cu-68m3 32-Ge-73
 Radionuclide Production Cross Section 9999. %





MAT 3234 (n, He-3):30-Zn-71m1 32-Ge-73
 Radionuclide Production Cross Section 3.845 %



MAT 3234 (n, p) d:30-Zn-71g 32-Ge-73
 Radionuclide Production Cross Section 1800 d to 522.5 %

