

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

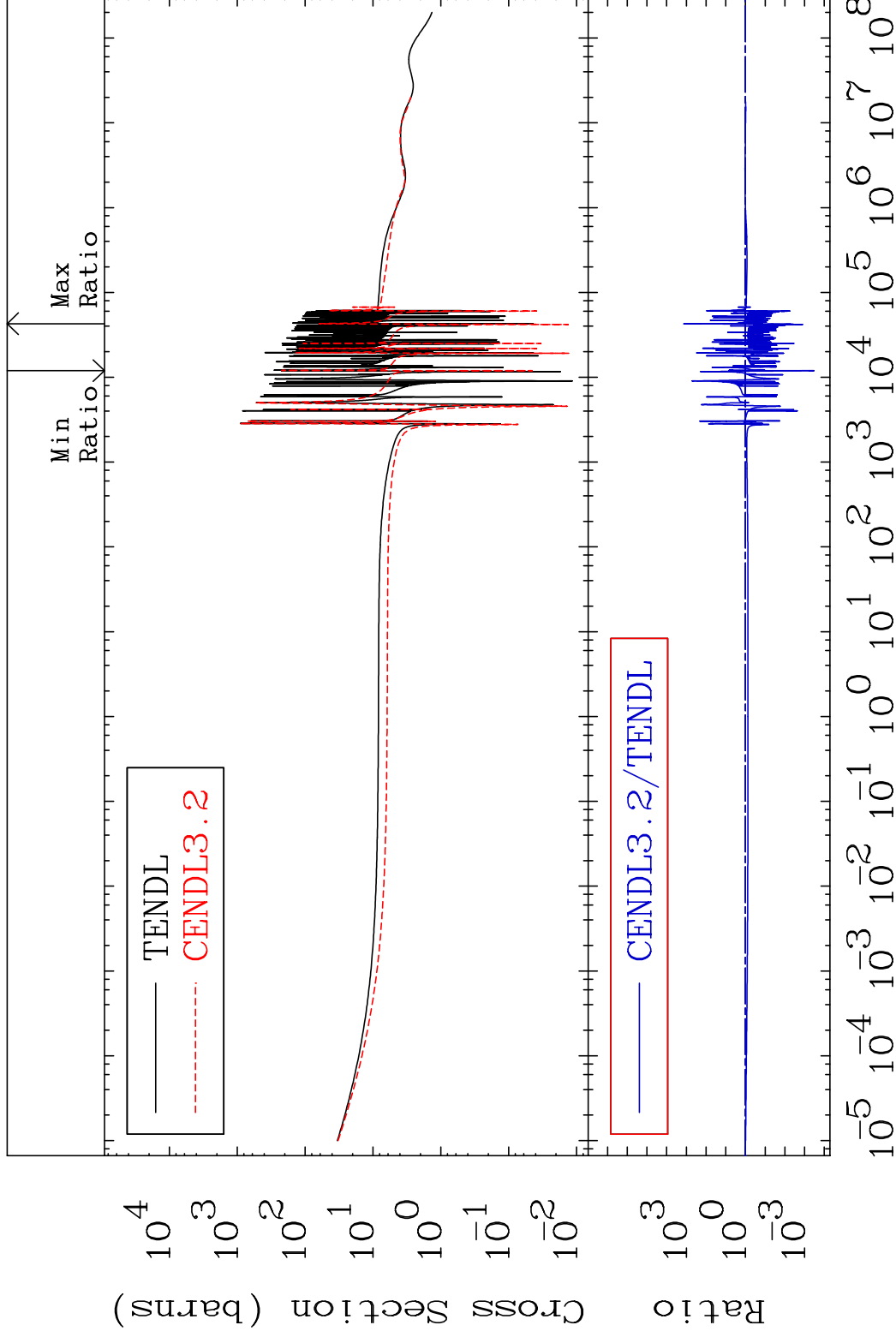
MAT 3237

Total

32-Ge-74

Cross Section

-99.97 To 9999. %



1

Incident Energy (eV)

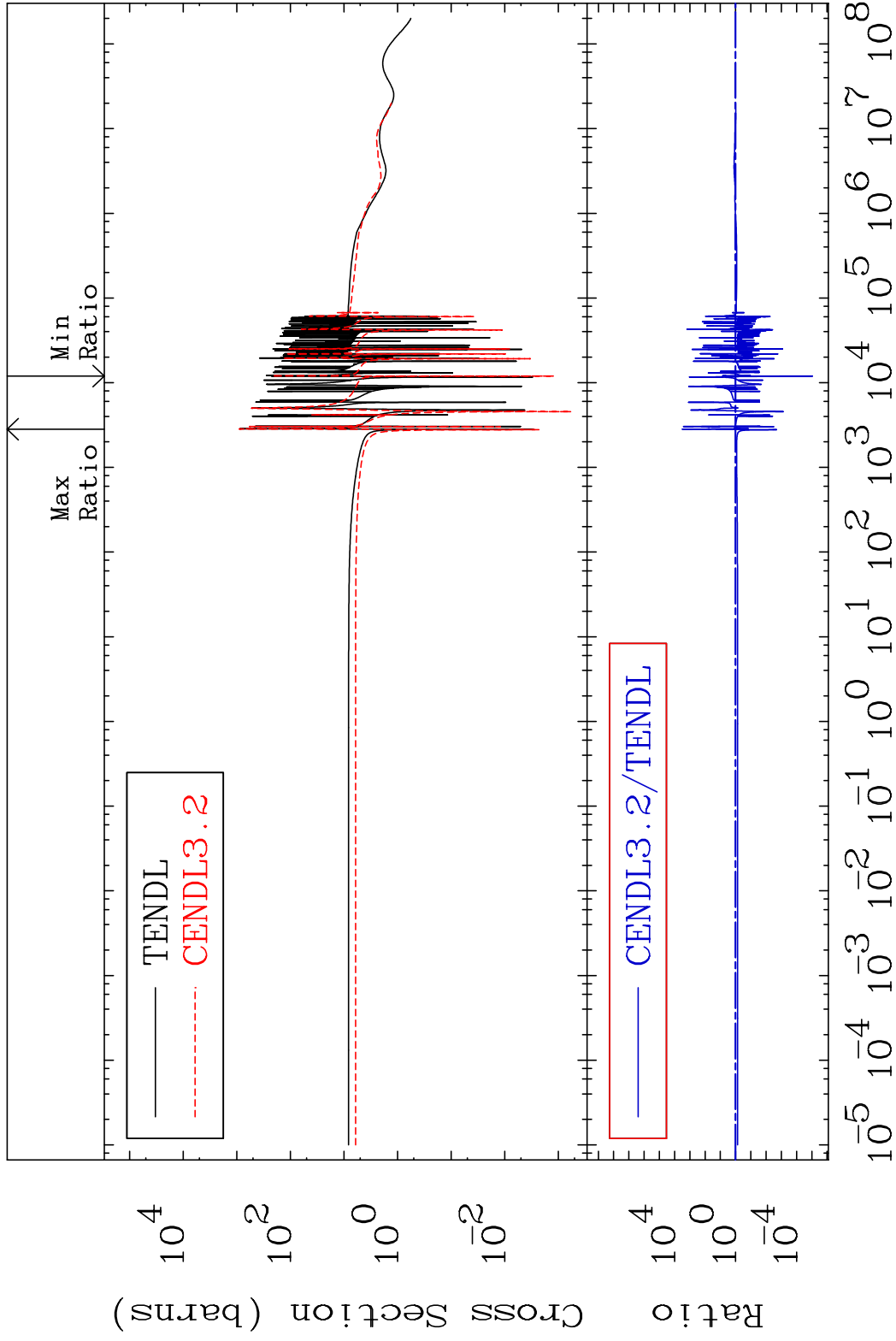
32-Ge-74

MAT 3237

Elastic

32-Ge-74

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

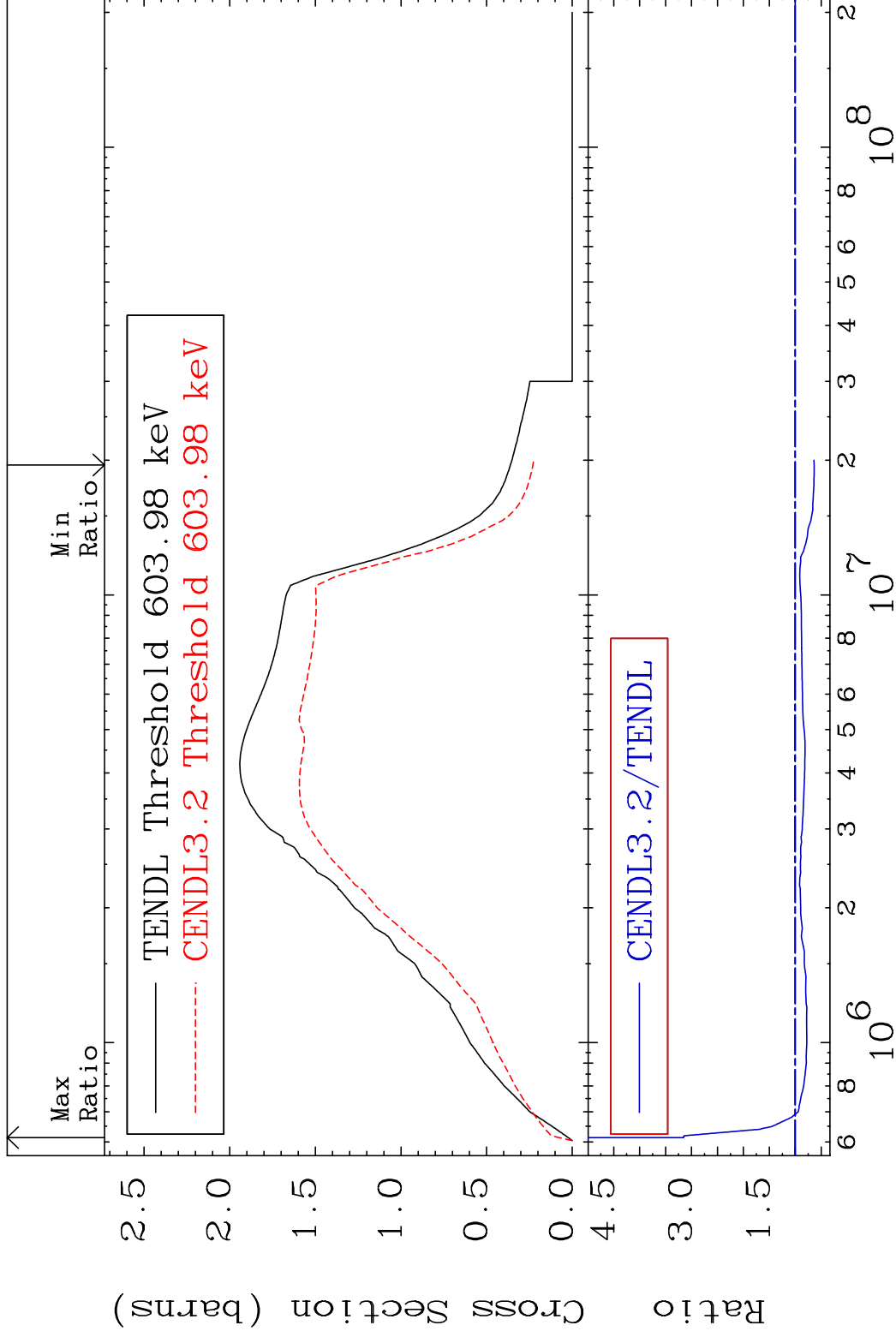
32-Ge-74

MAT 3237

Inelastic

32-Ge-74

Cross Section -36.26 To 215.1 %



3

Incident Energy (eV)

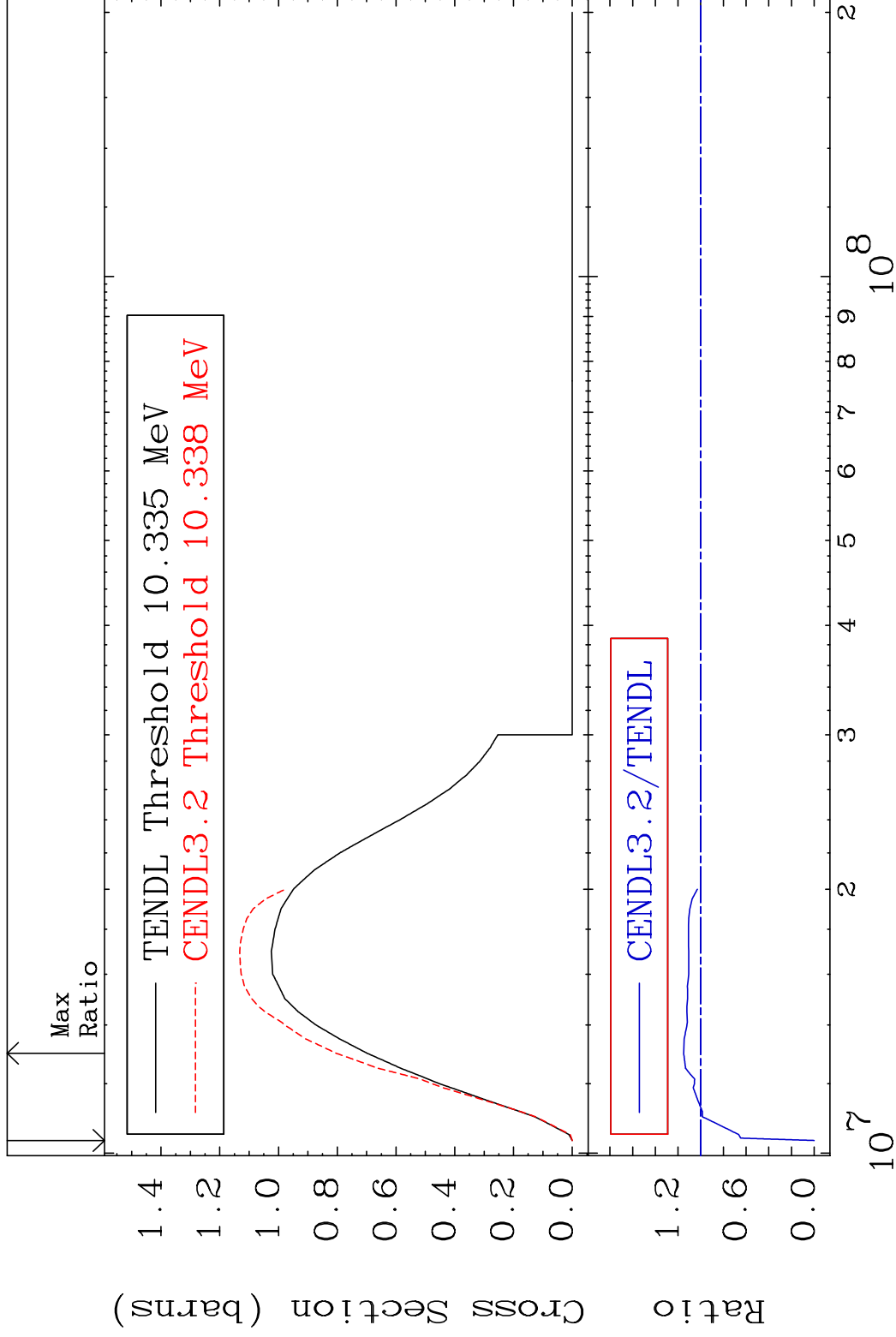
32-Ge-74

MAT 3237

(n,2n)

32-Ge-74

Cross Section -100.0 To 15.02 %

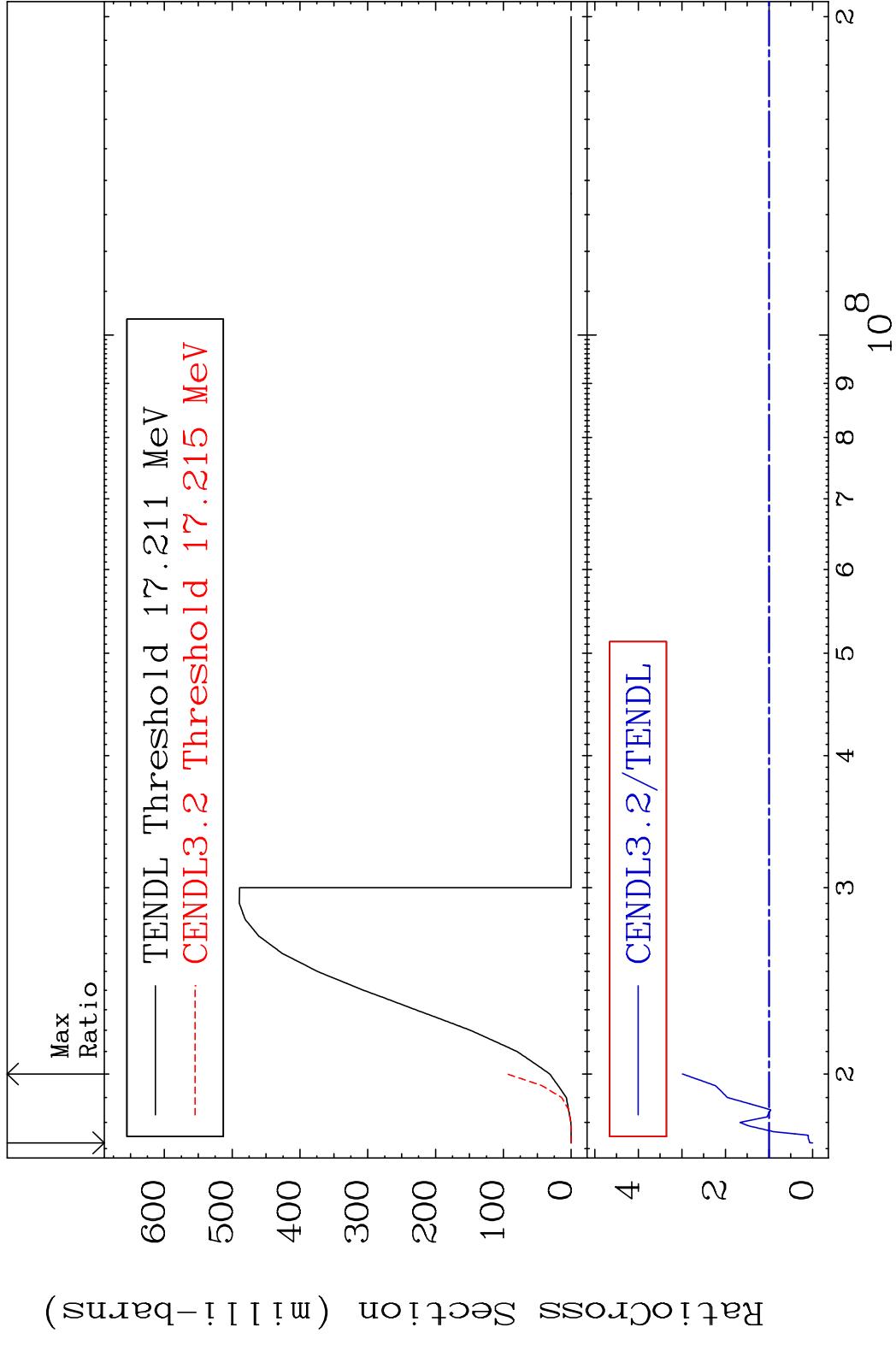


4

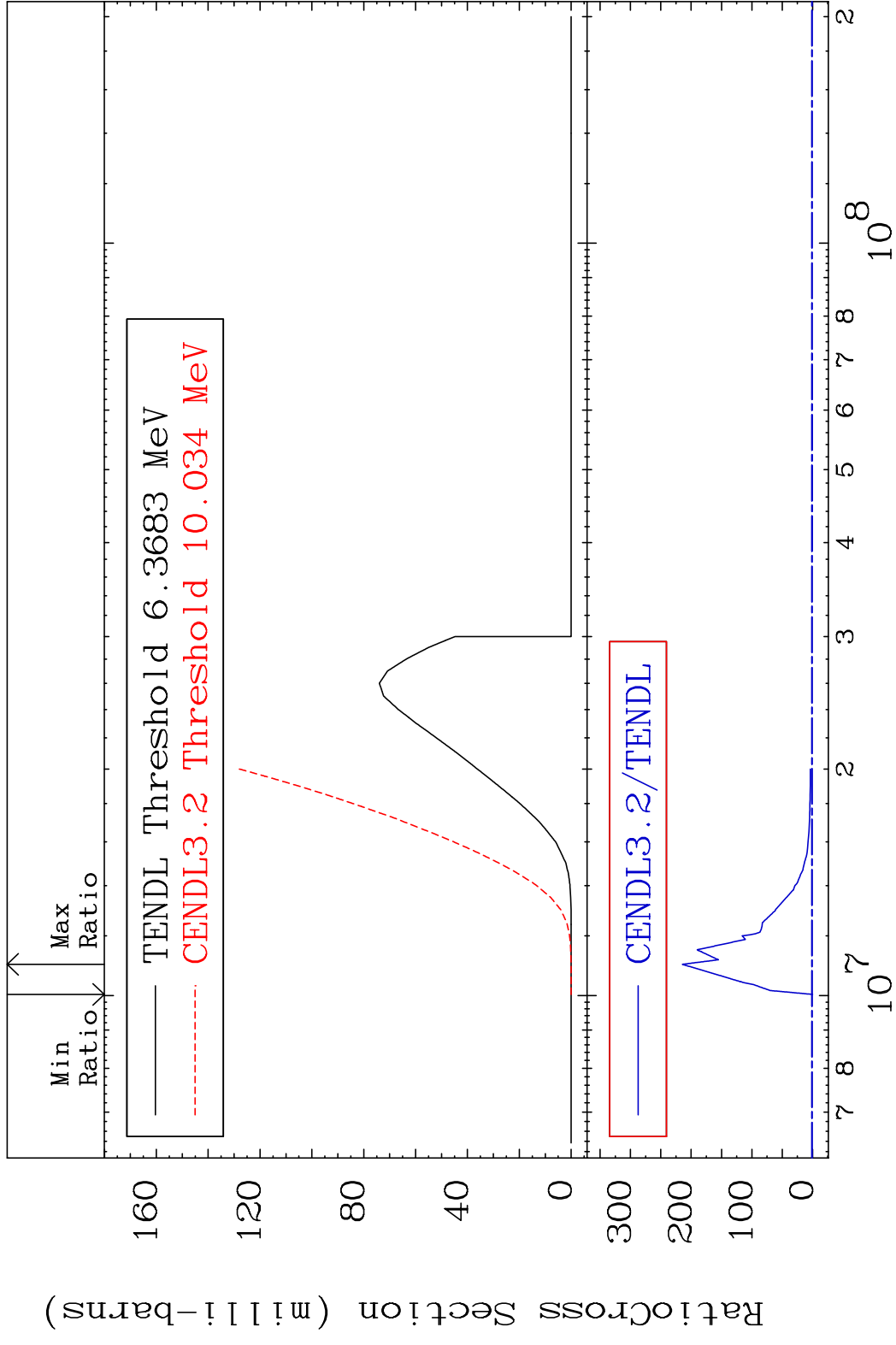
Incident Energy (eV)

32-Ge-74

MAT 3237 (n,3n) 32-Ge-74
 Cross Section -100.0 To 198.9 %



MAT 3237 (n, n') α 32-Ge-74
 Cross Section -100.0 To 9999. %

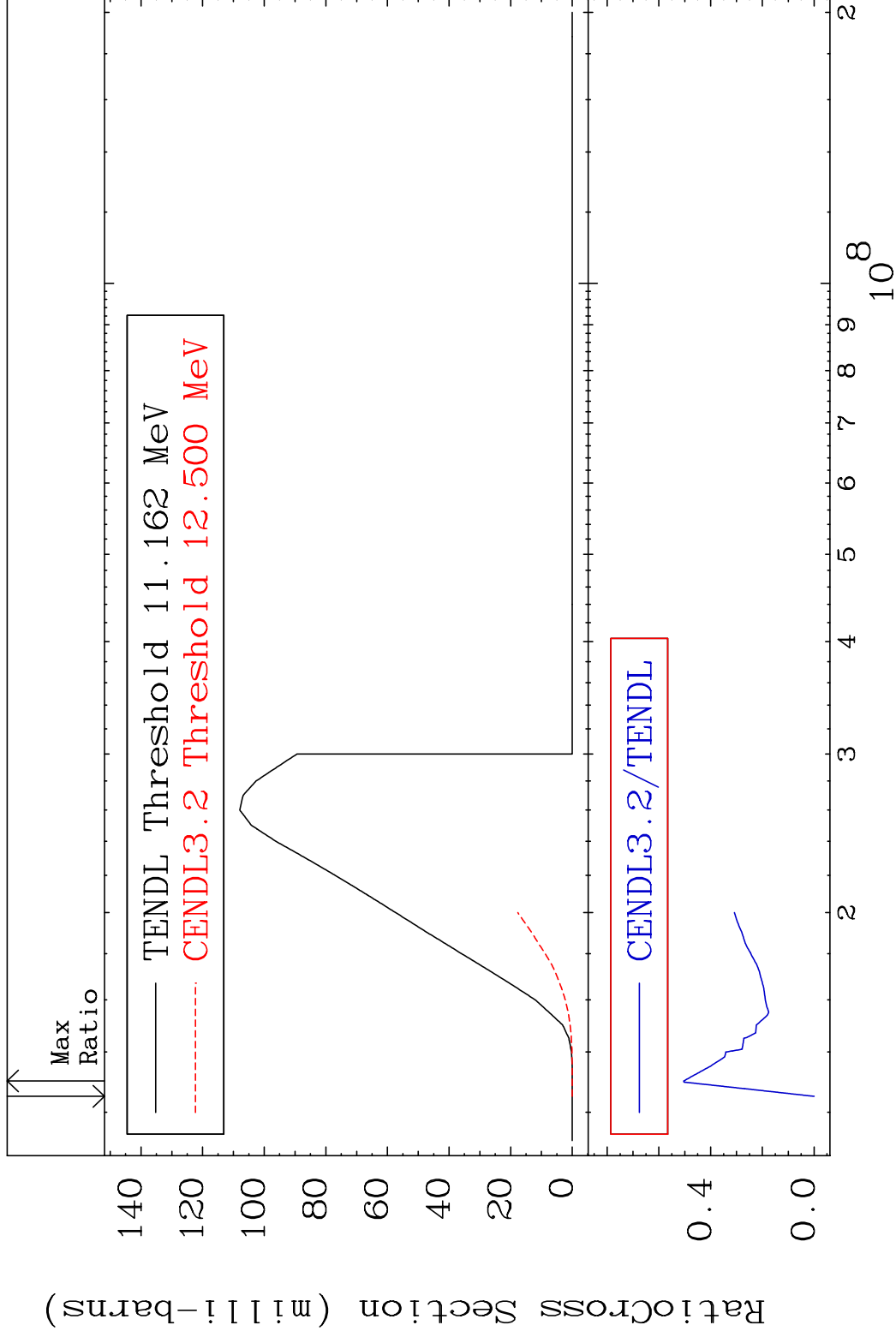


MAT 3237

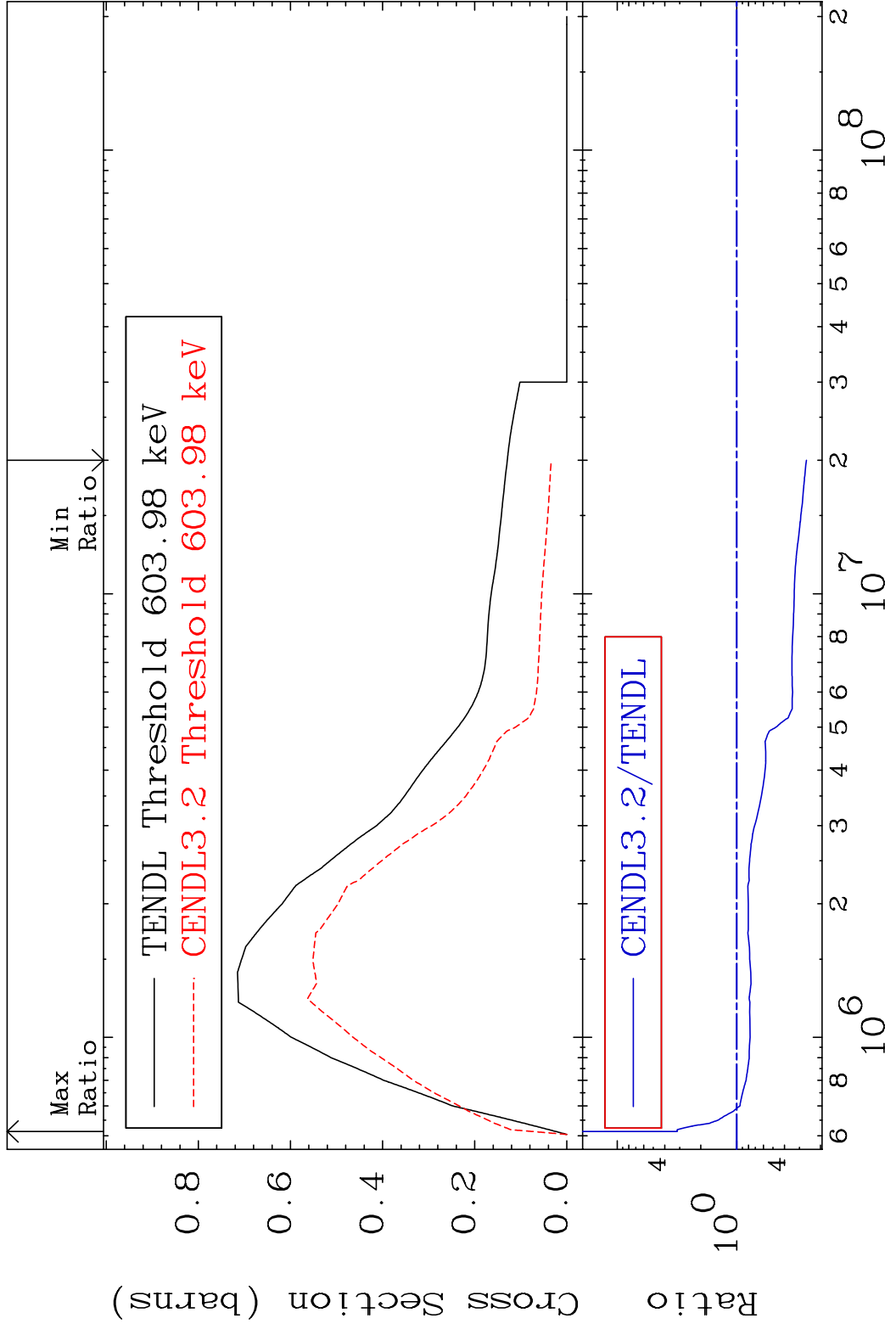
(n, n') p

³²Ge-74

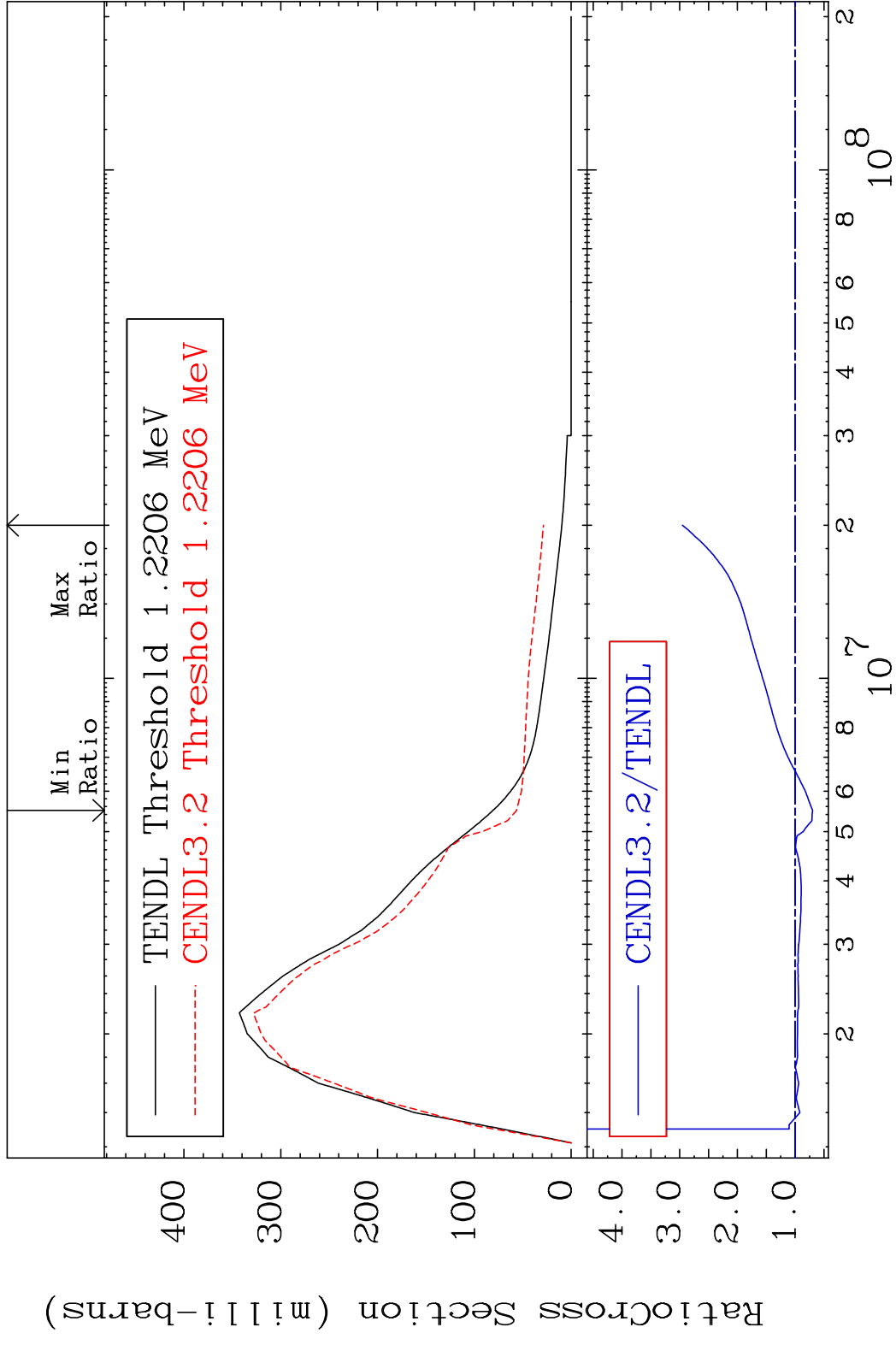
Cross Section -100.0 To -49.57%



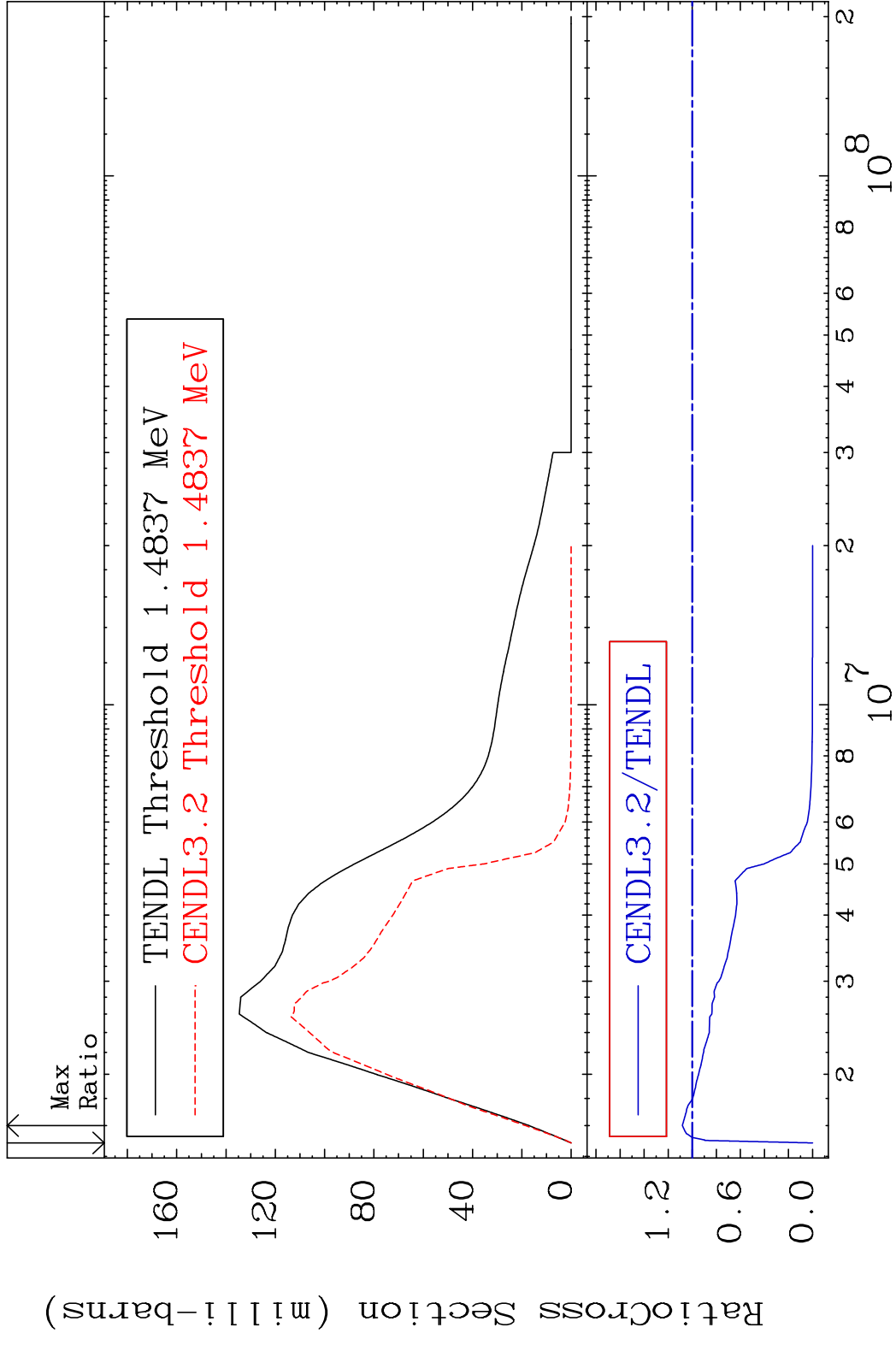
MAT 3237 MT= 51 (n, n') Level 32-Ge-74
 Cross Section -73.77 To 215.1 %



MAT 3237 MT= 52 (n, n') Level 32-Ge-74
 Cross Section -30.15 To 195.4 %

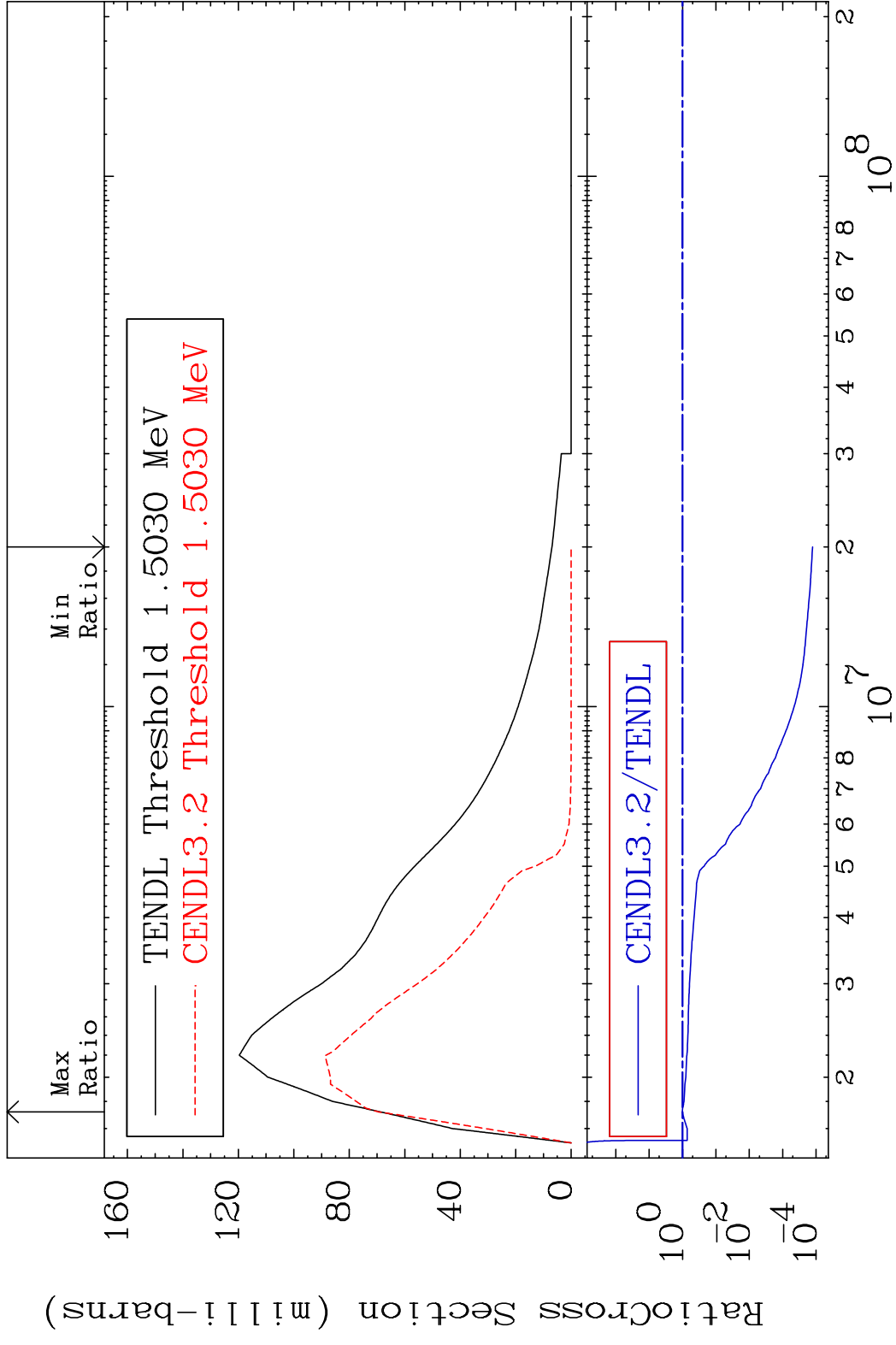


MAT 3237 MT= 53 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 8.224 %

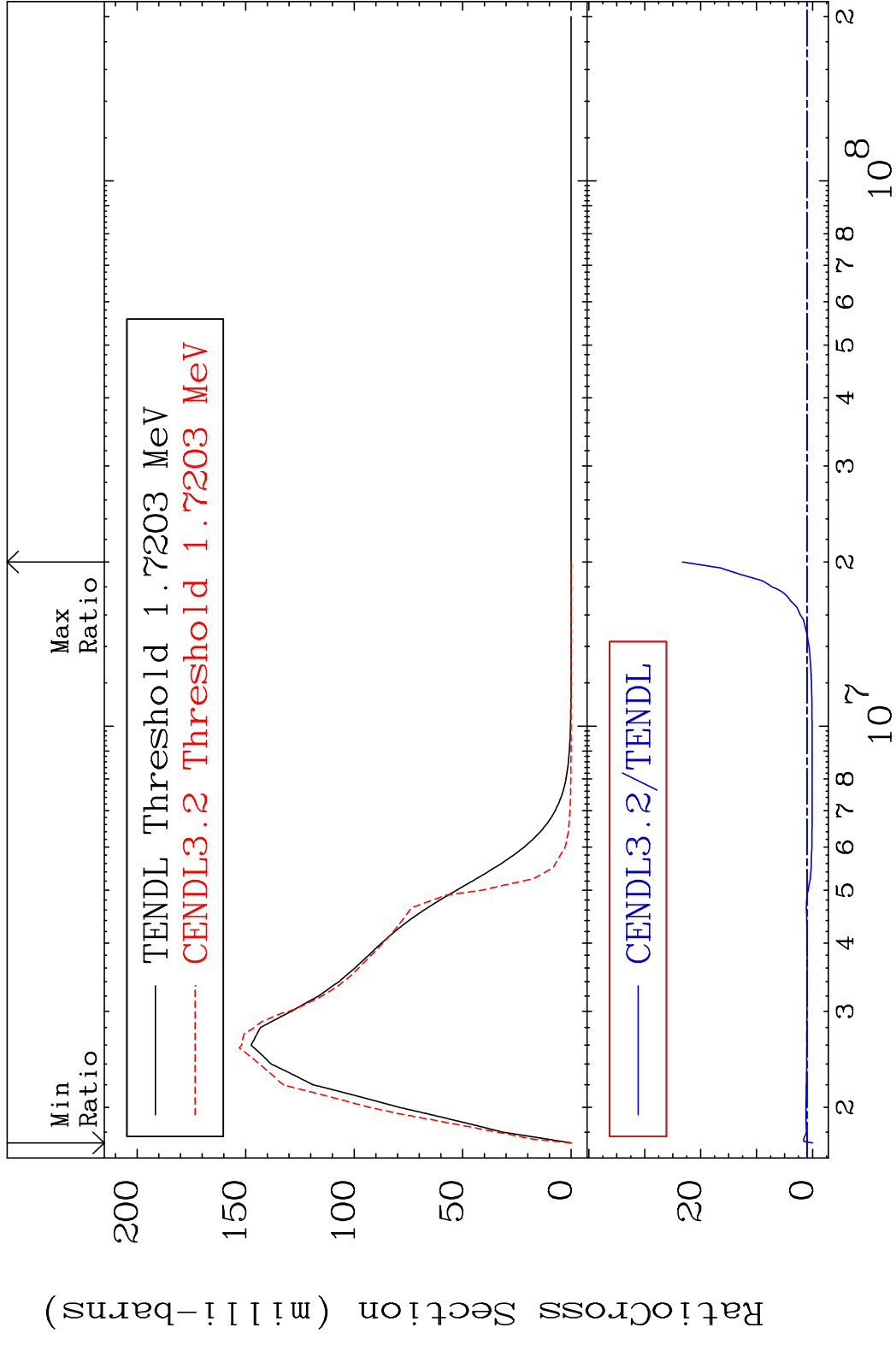


10 Incident Energy (eV) 32-Ge-74

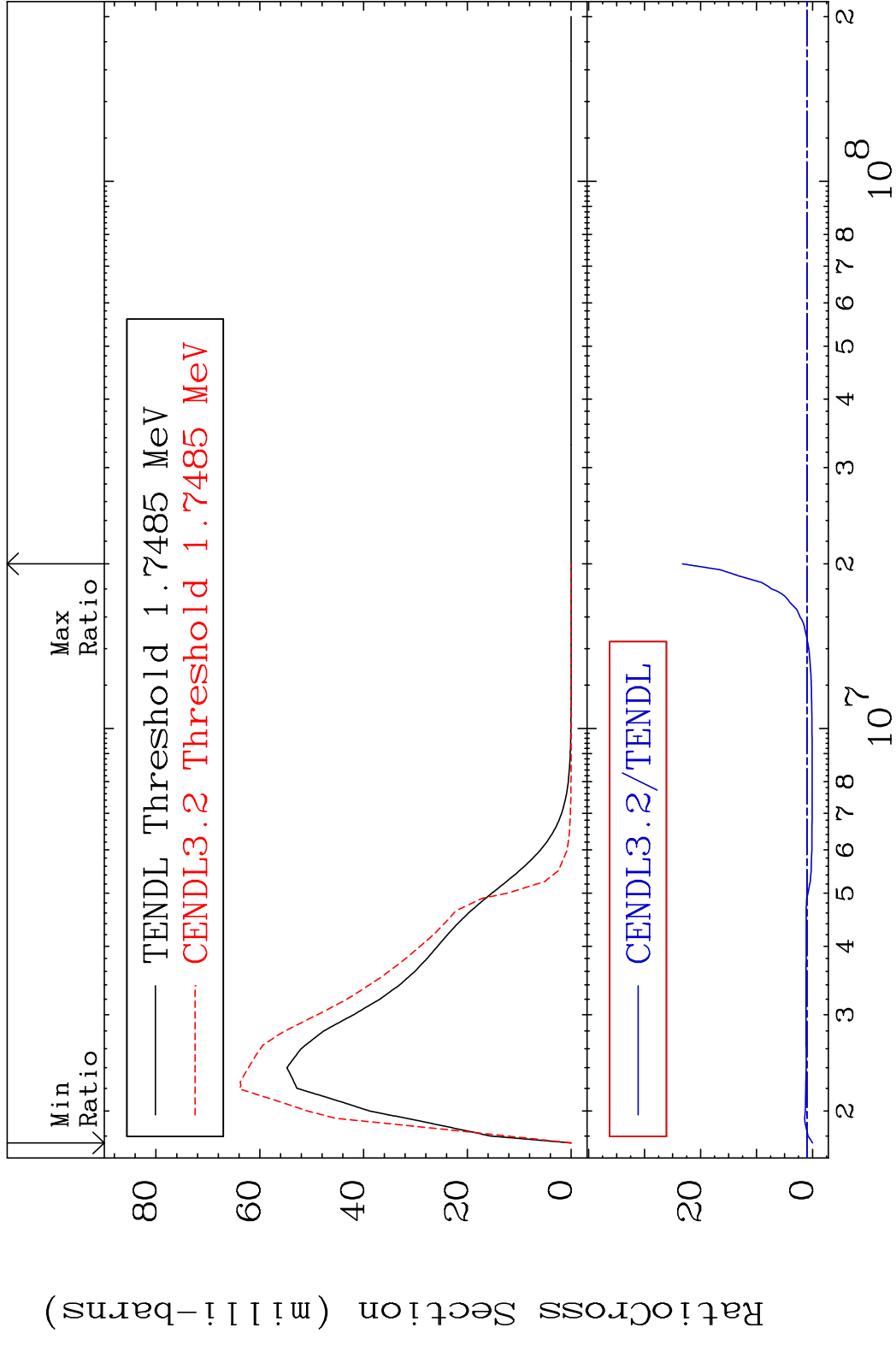
MAT 3237 MT= 54 (n, n') Level 32-Ge-74
 Cross Section -99.99 To 1.034 %



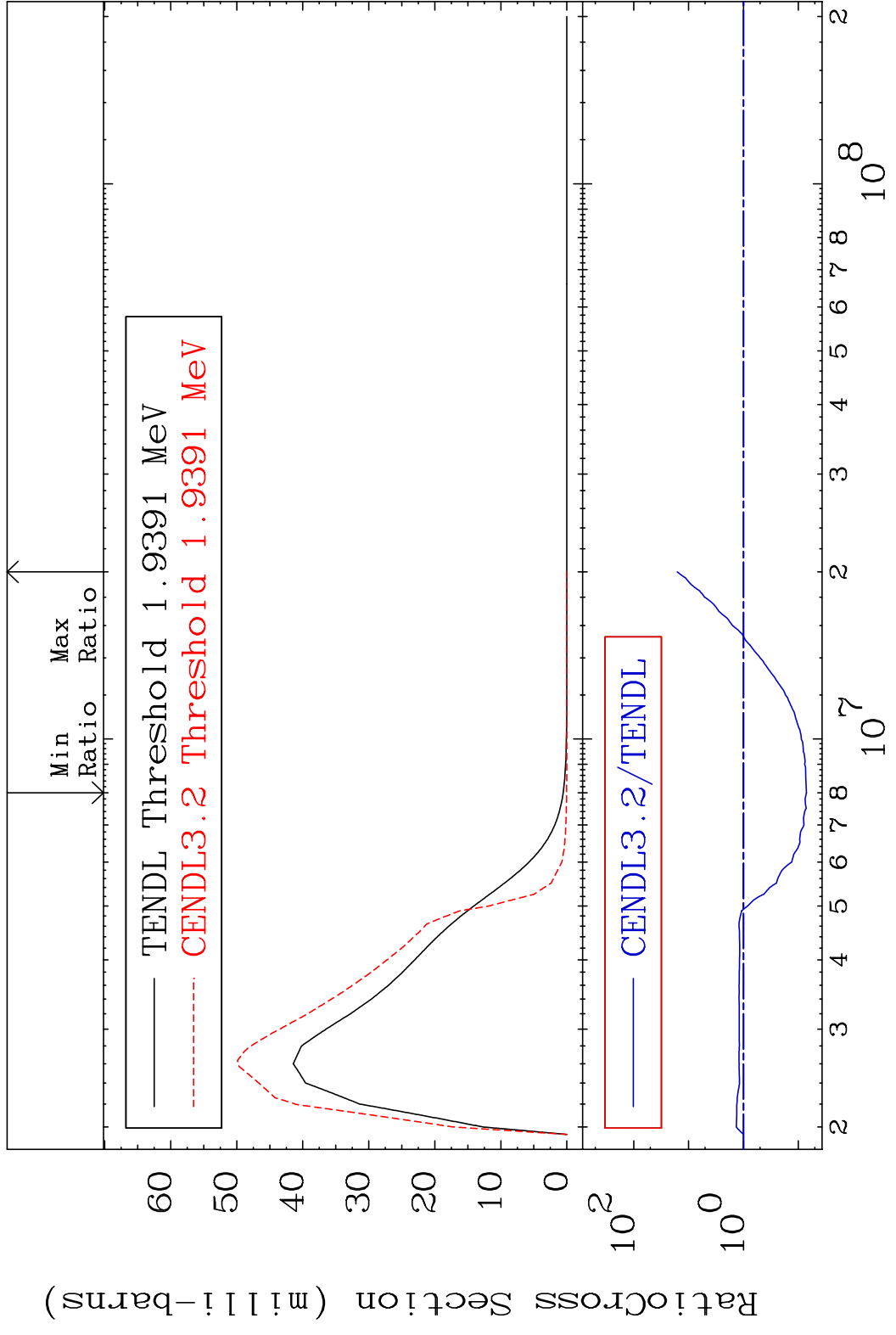
MAT 3237 MT= 55 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 2227. %



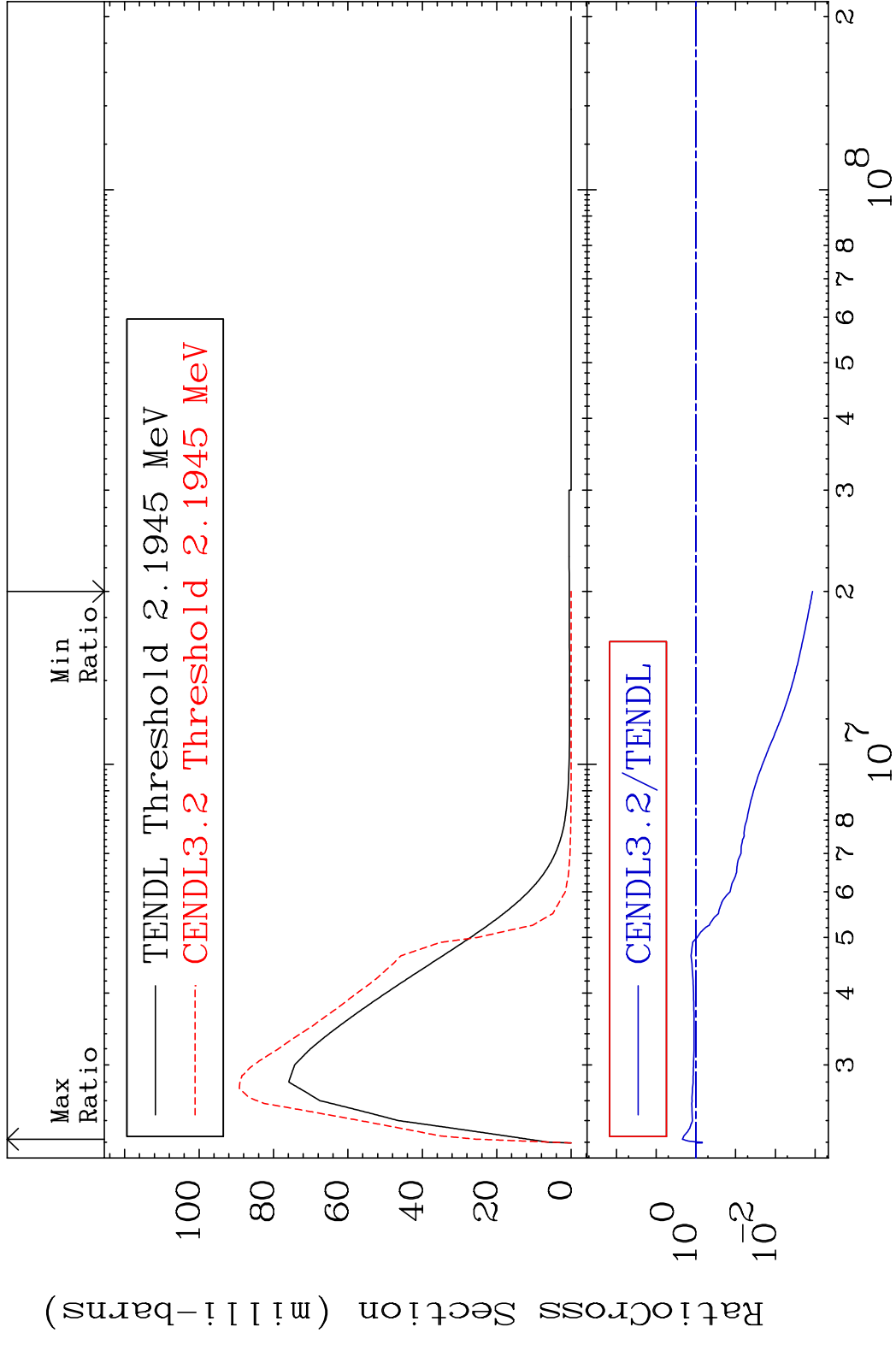
MAT 3237 MT= 56 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 2226. %



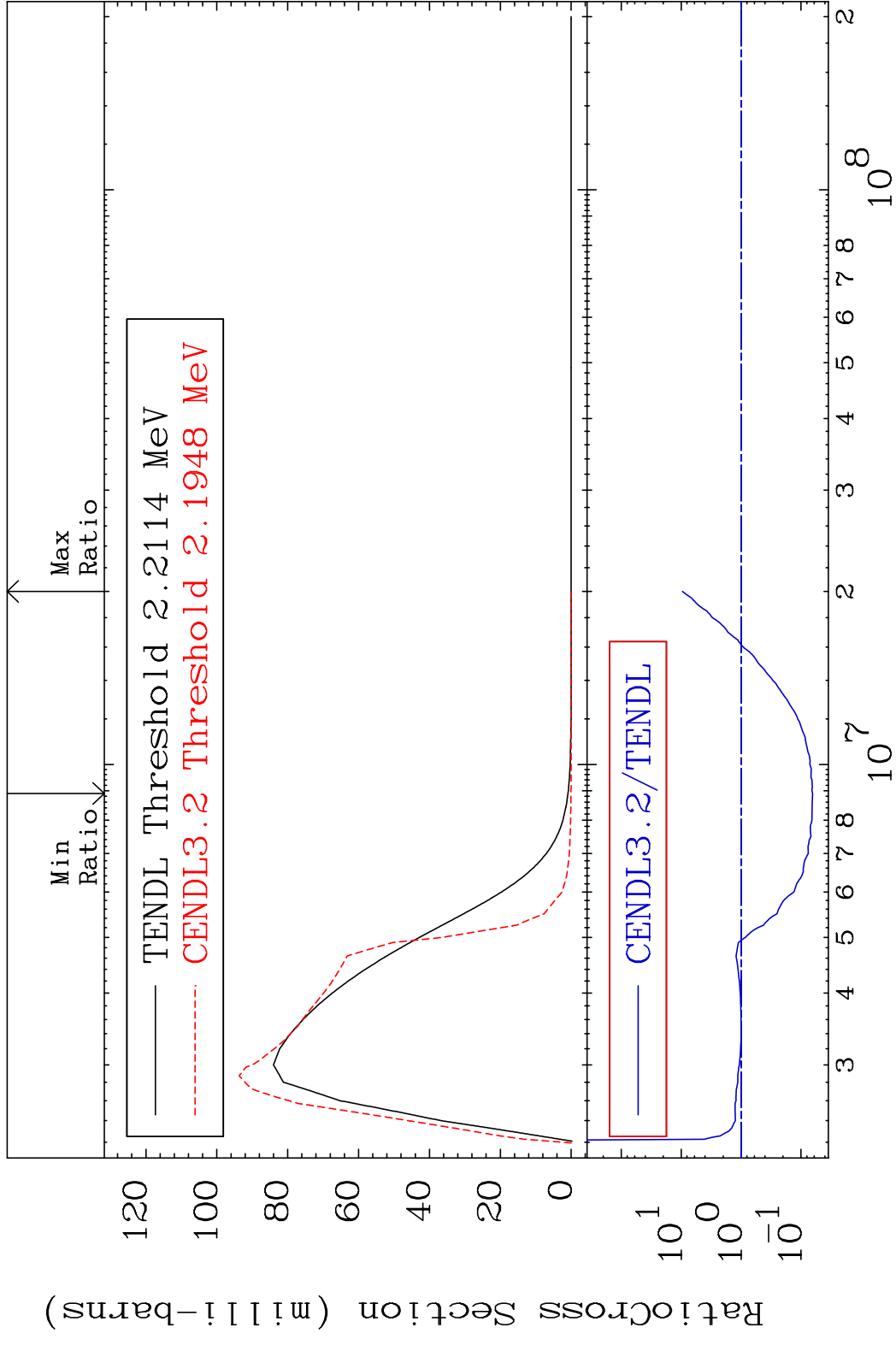
MAT 3237 MT= 57 (n, n') Level 32-Ge-74
 Cross Section -92.86 To 1516. %



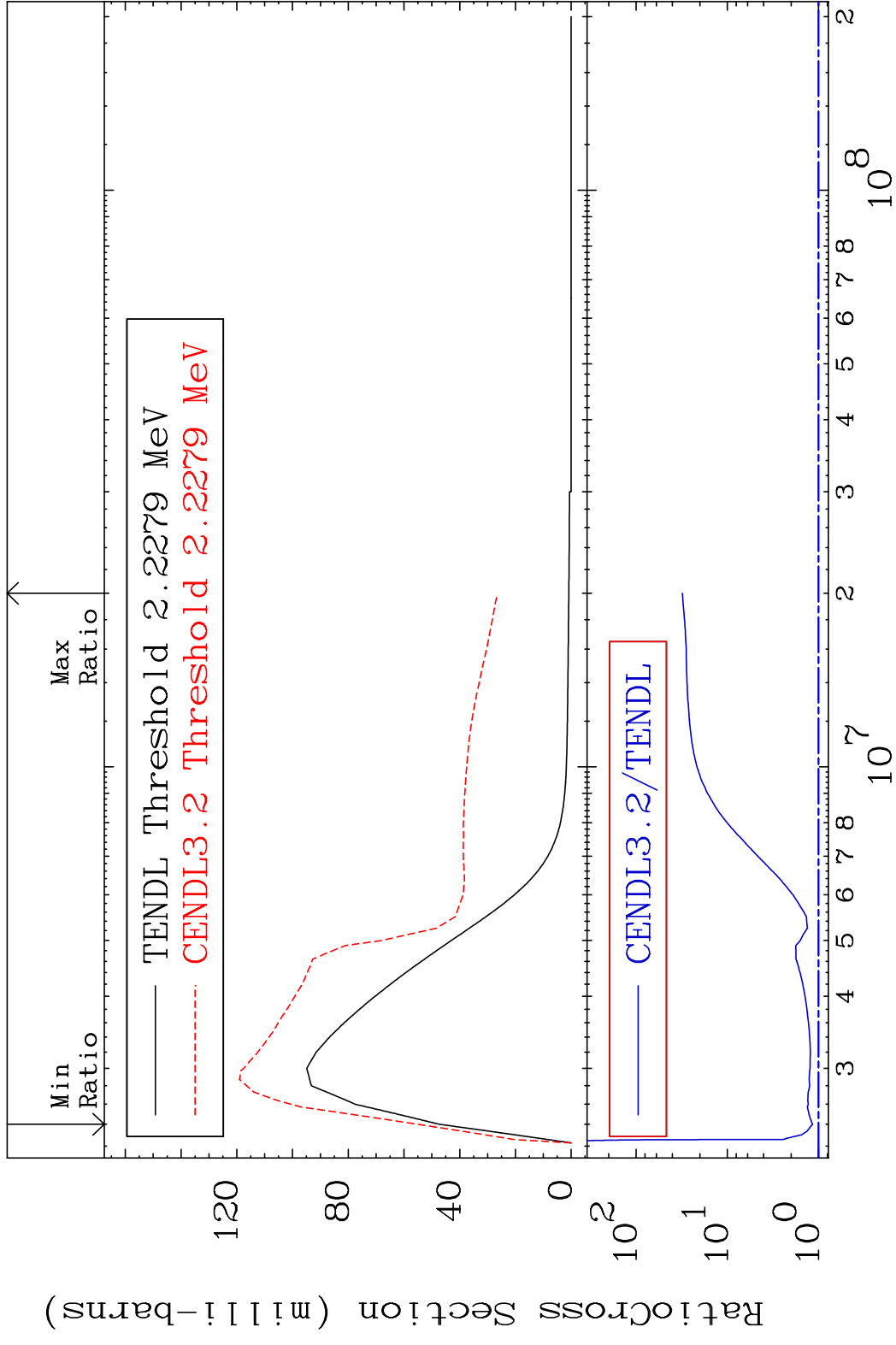
MAT 3237 MT= 58 (n, n') Level 32-Ge-74
 Cross Section -99.88 To 120.1 %



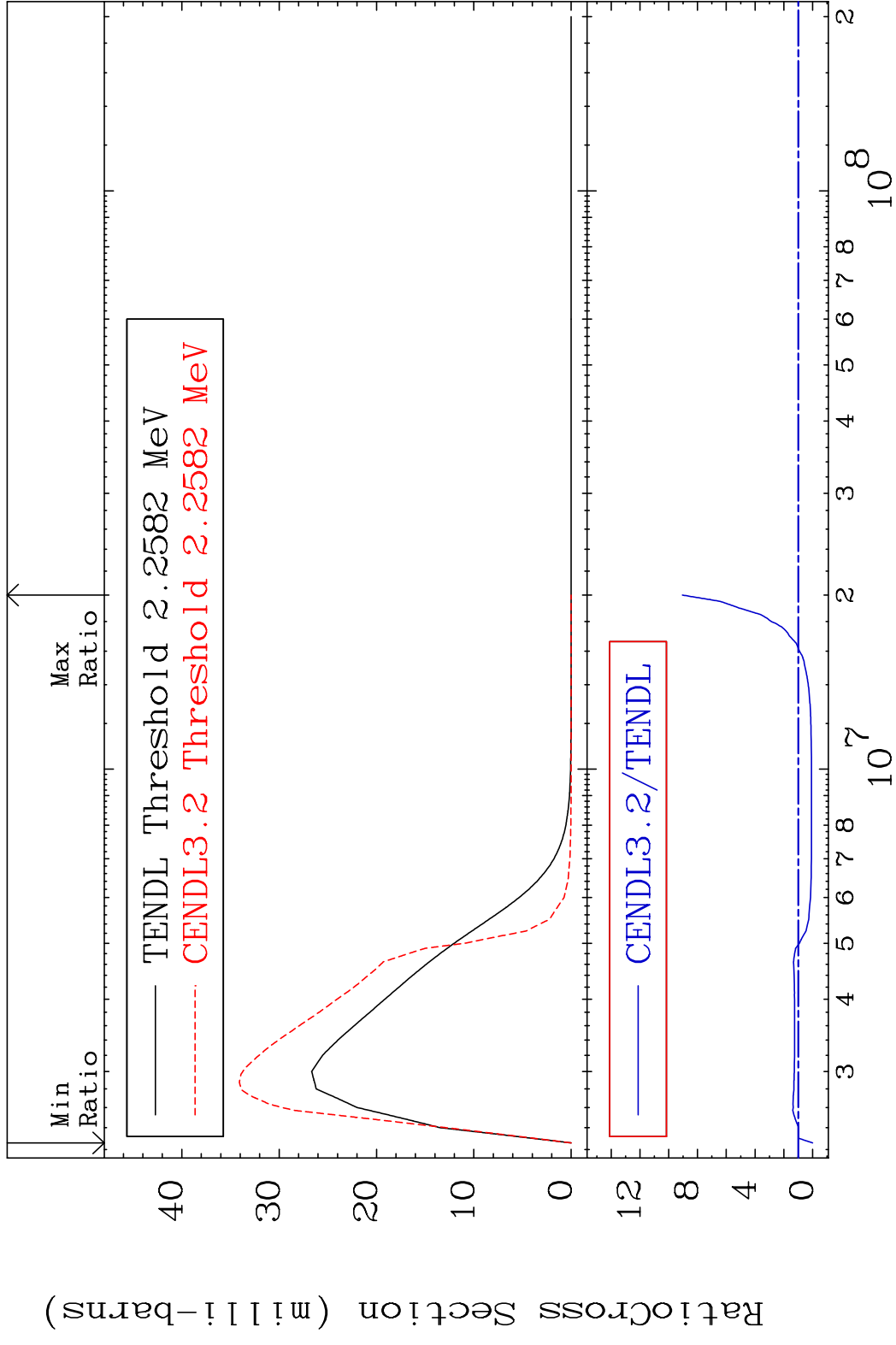
MAT 3237 MT= 59 (n, n') Level 32-Ge-74
 Cross Section -93.58 To 858.2 %



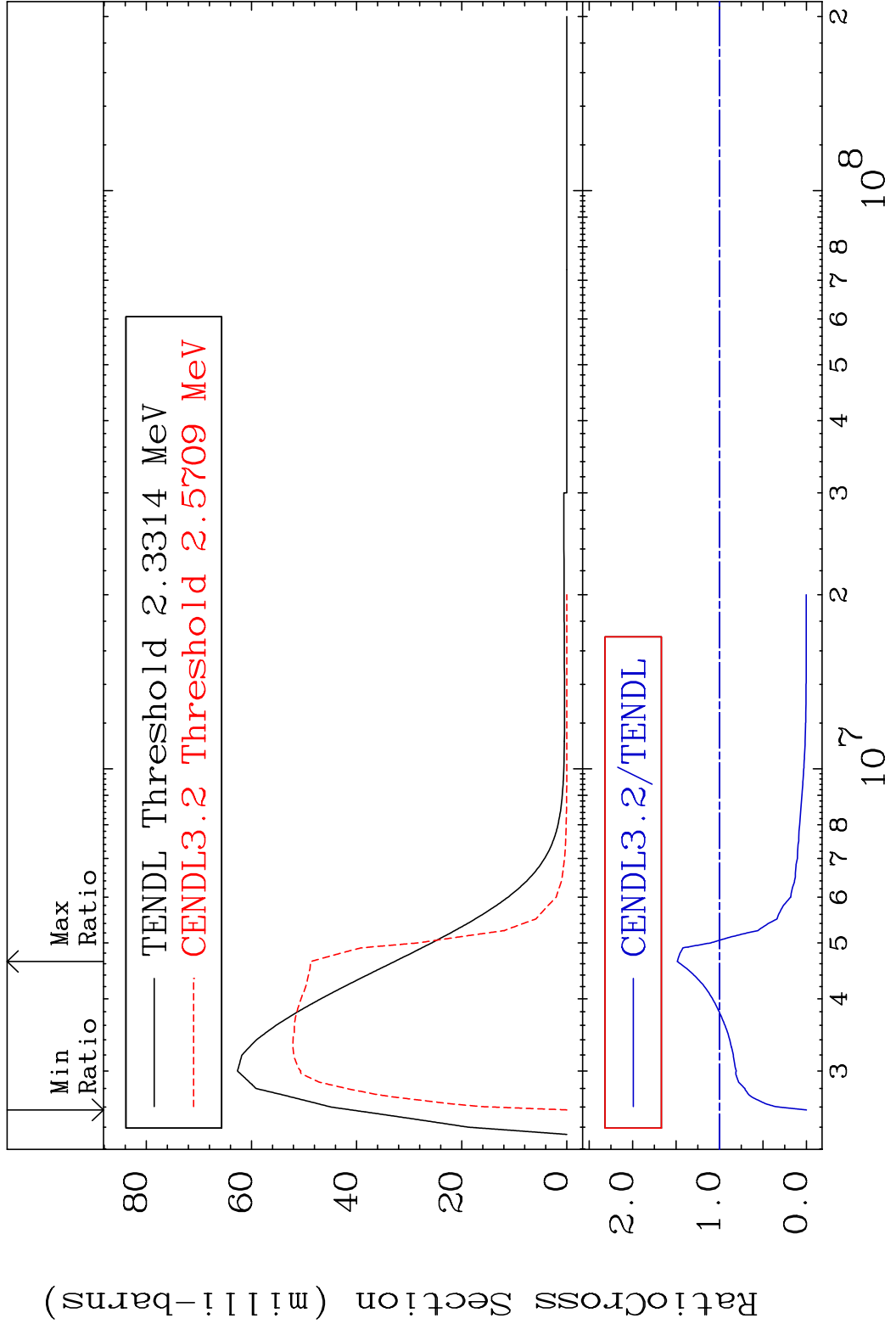
MAT 3237 MT= 60 (n, n') Level 32-Ge-74
 Cross Section 16.29 To 3016. %



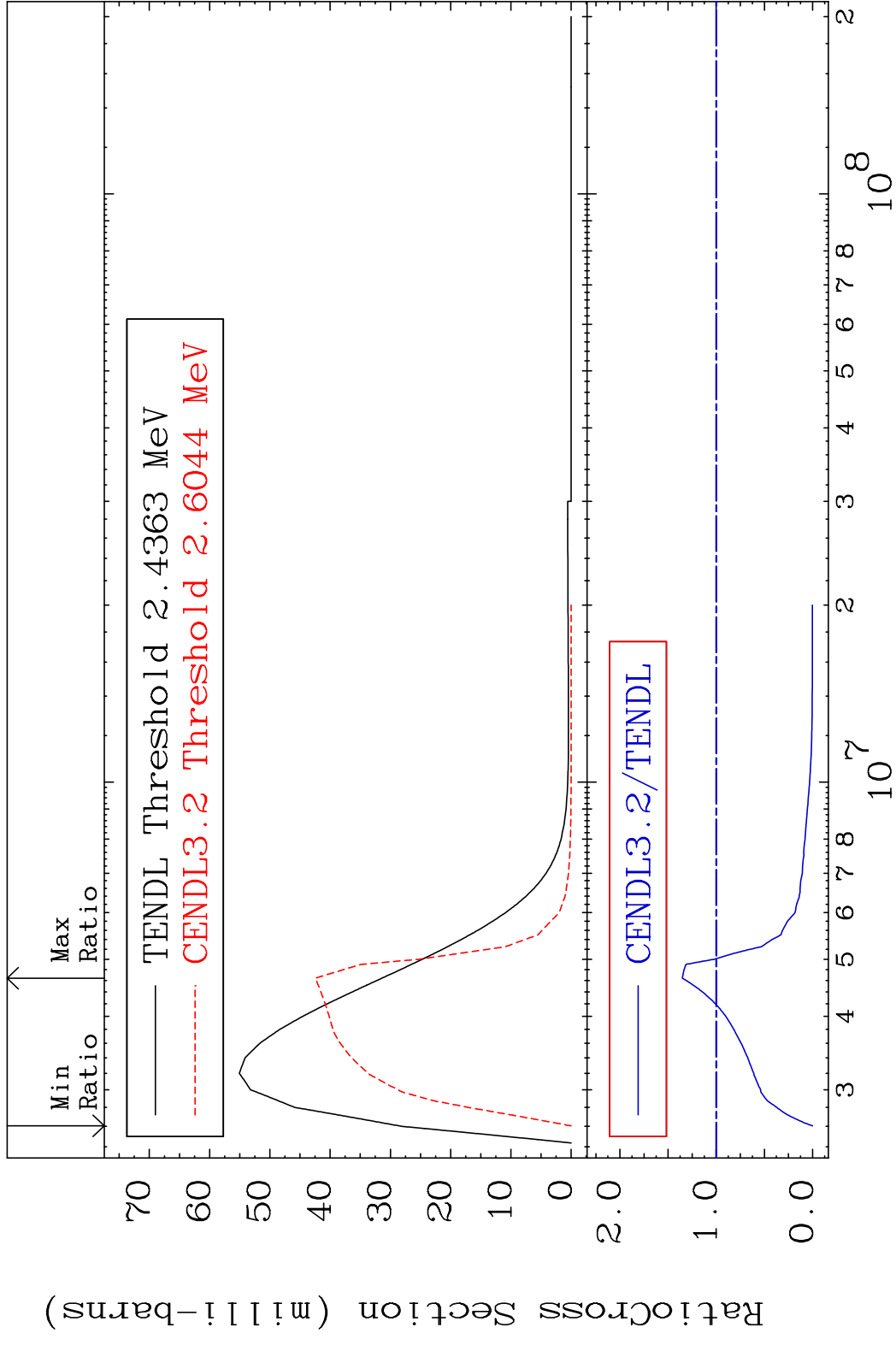
MAT 3237 MT= 61 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 805.6 %



MAT 3237 MT= 62 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 48.67 %

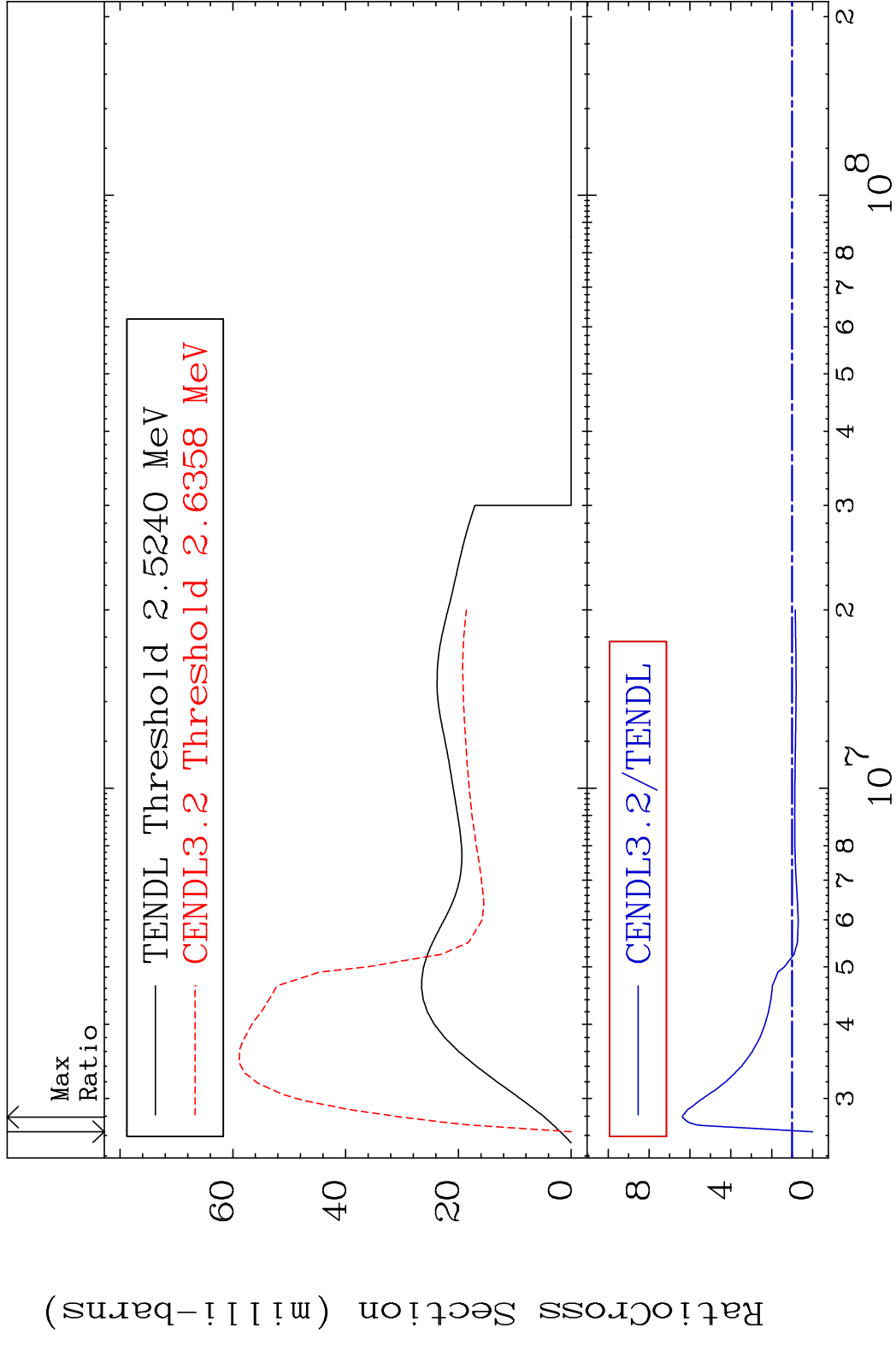


MAT 3237 MT= 63 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 35.19 %

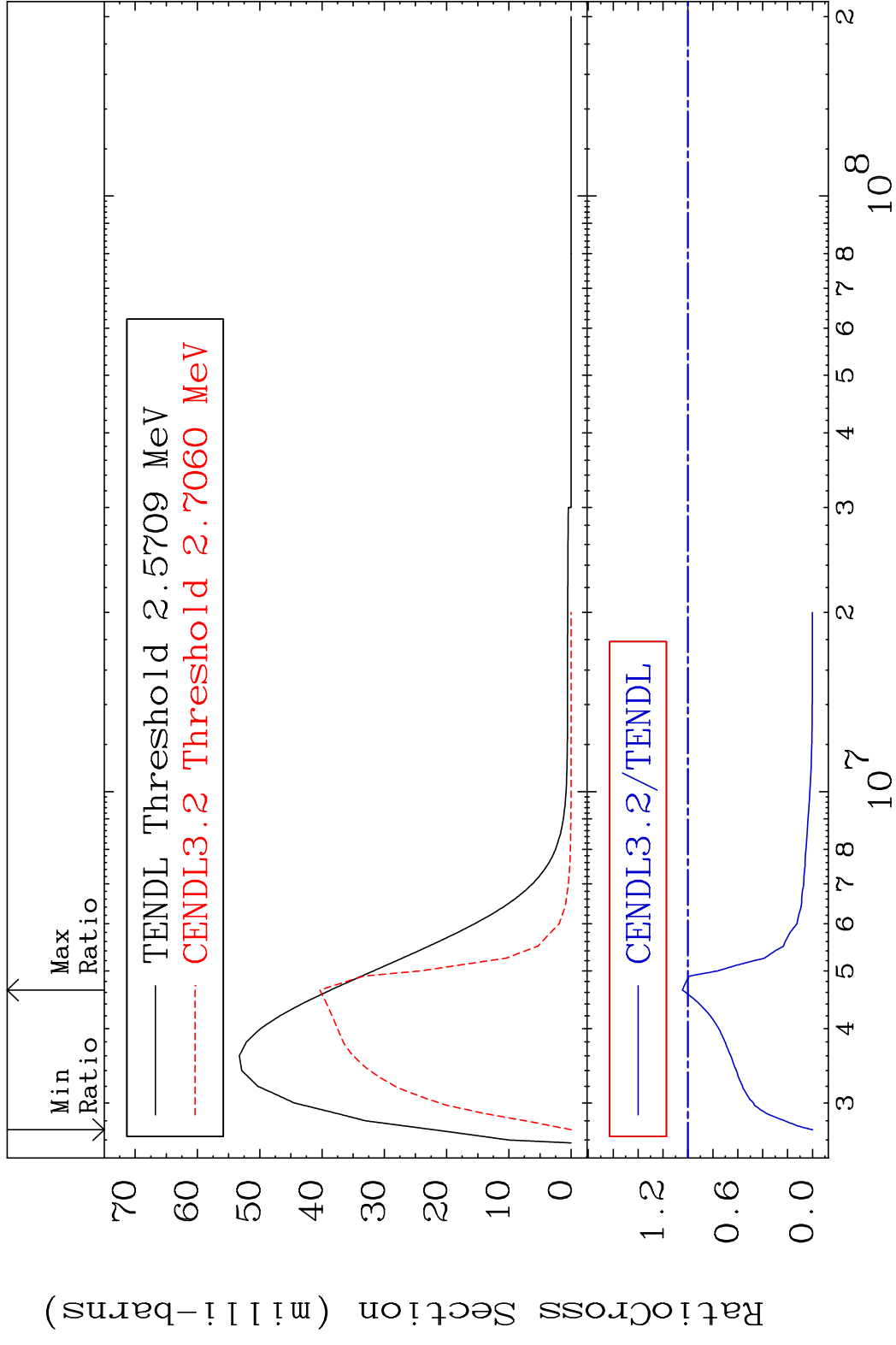


20 Incident Energy (eV) 32-Ge-74

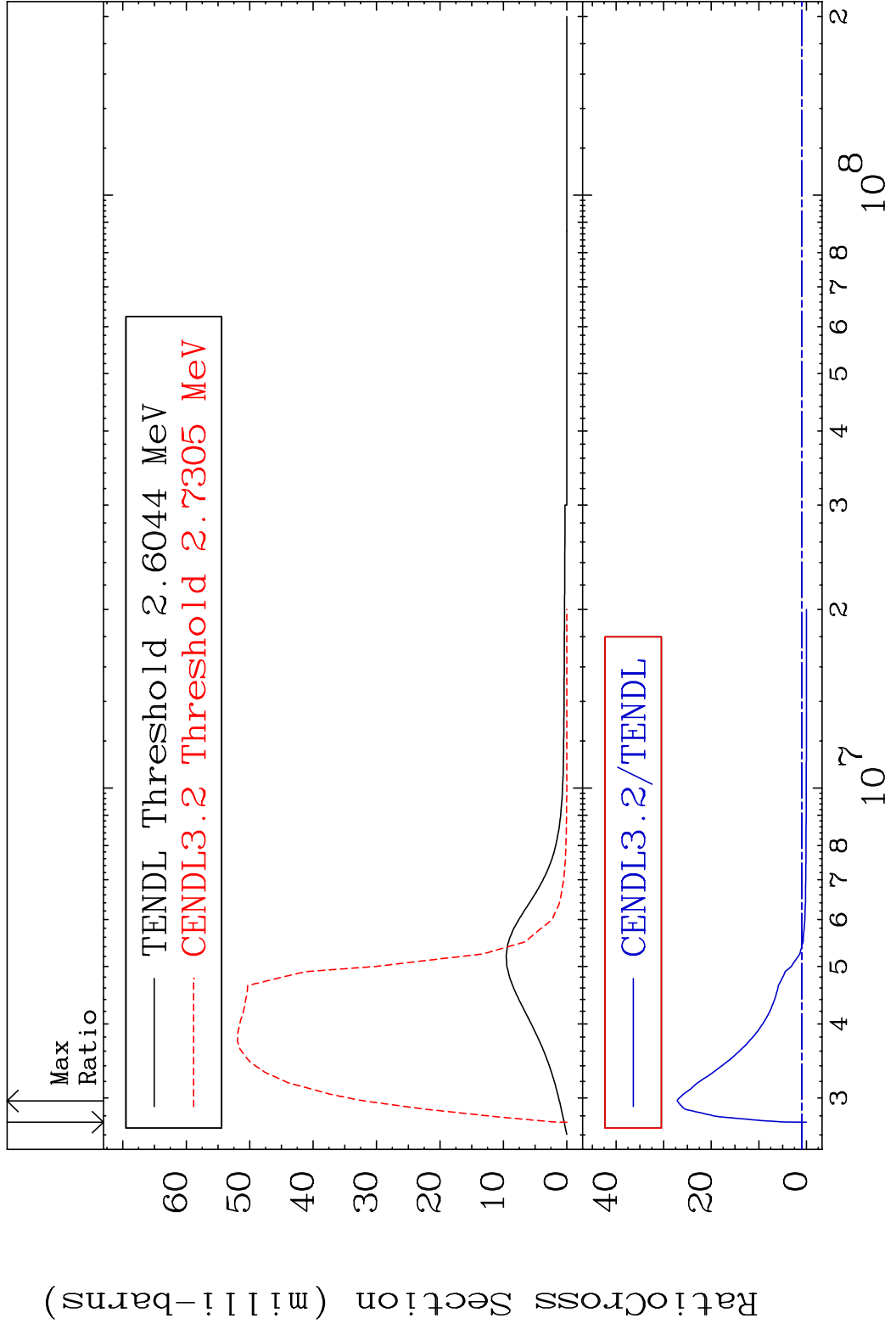
MAT 3237 MT= 64 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 537.3 %



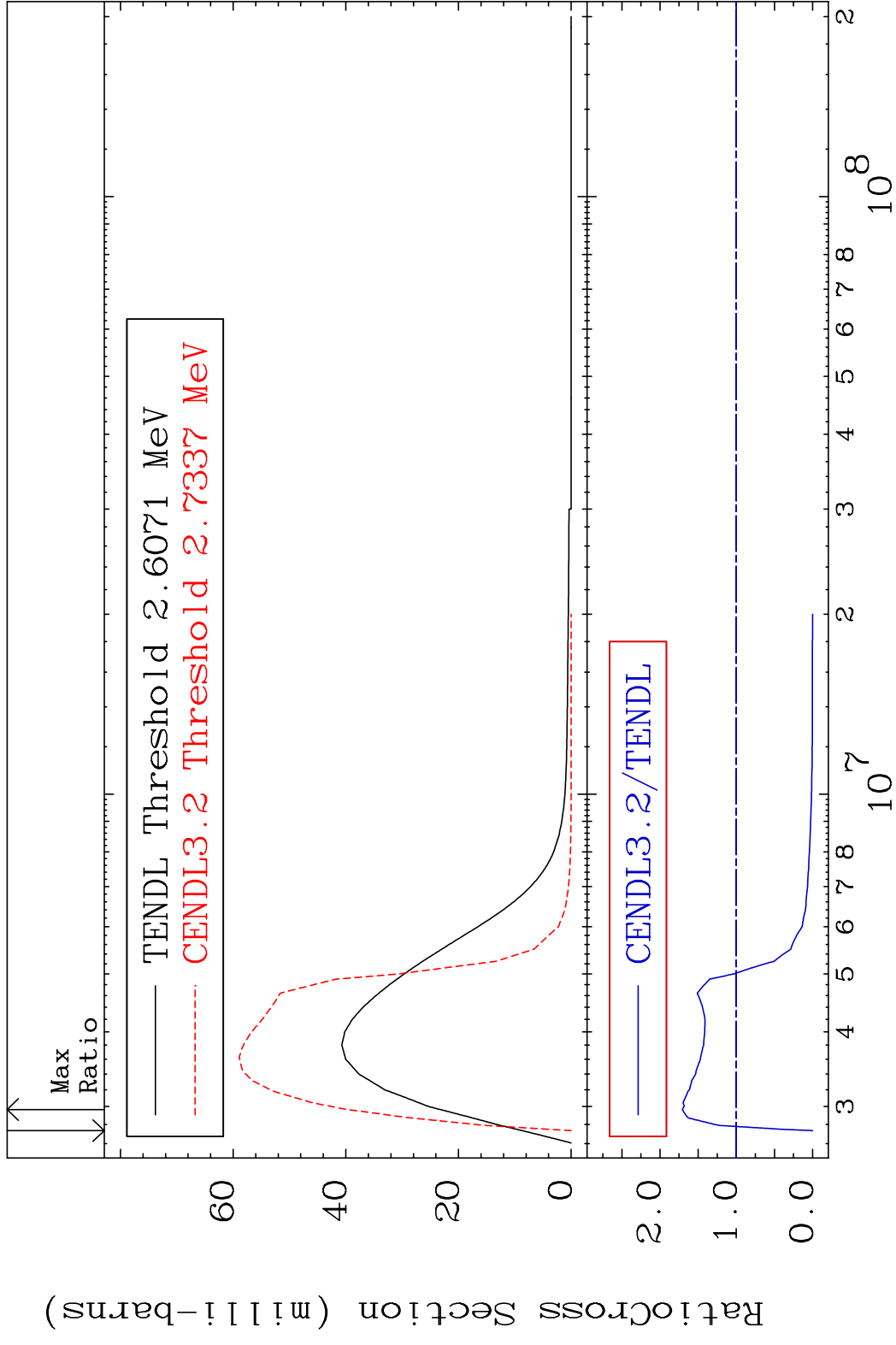
MAT 3237 MT= 65 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 4.487 %



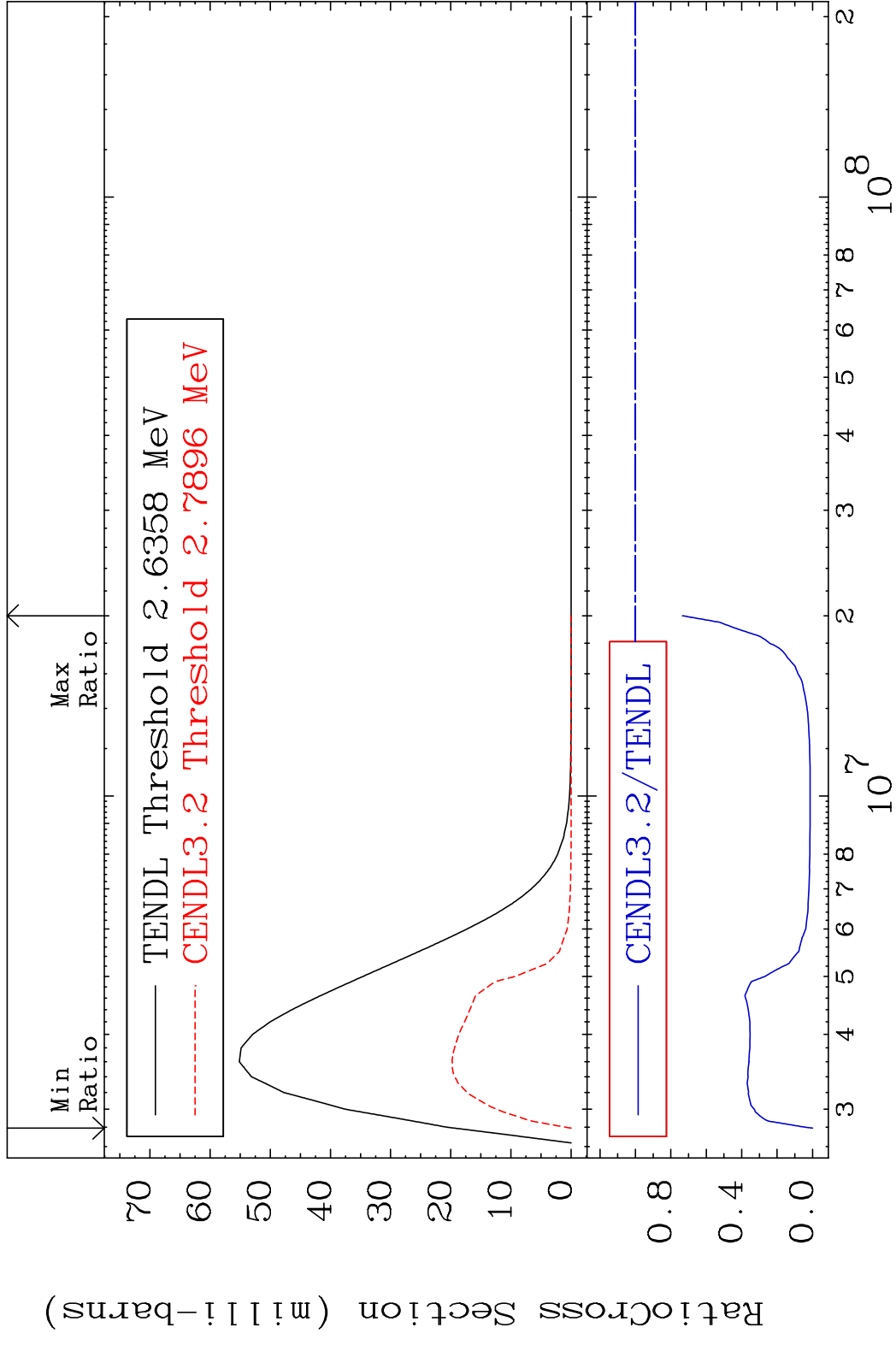
MAT 3237 MT= 66 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 2616. %



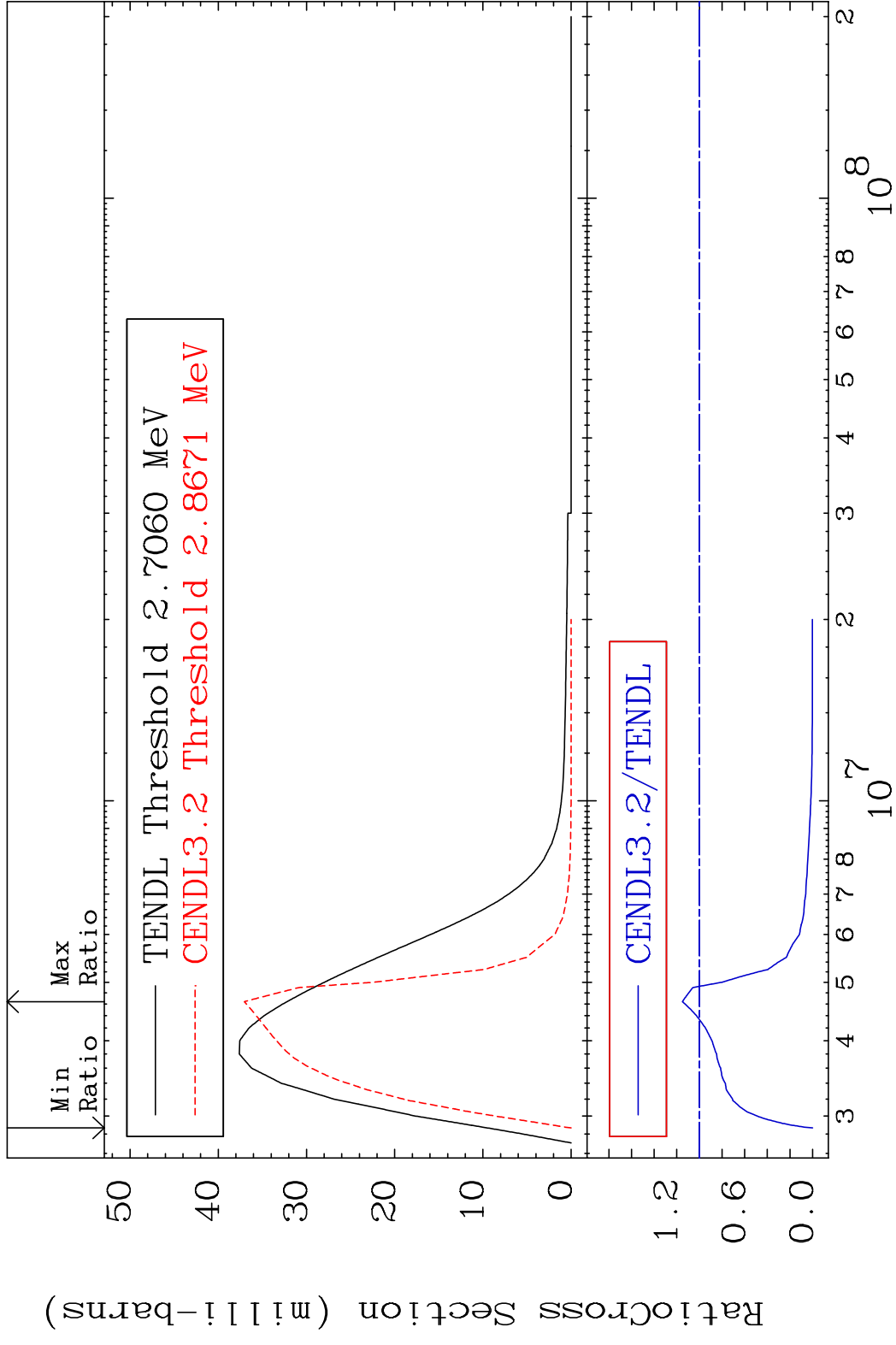
MAT 3237 MT= 67 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 70.69 %



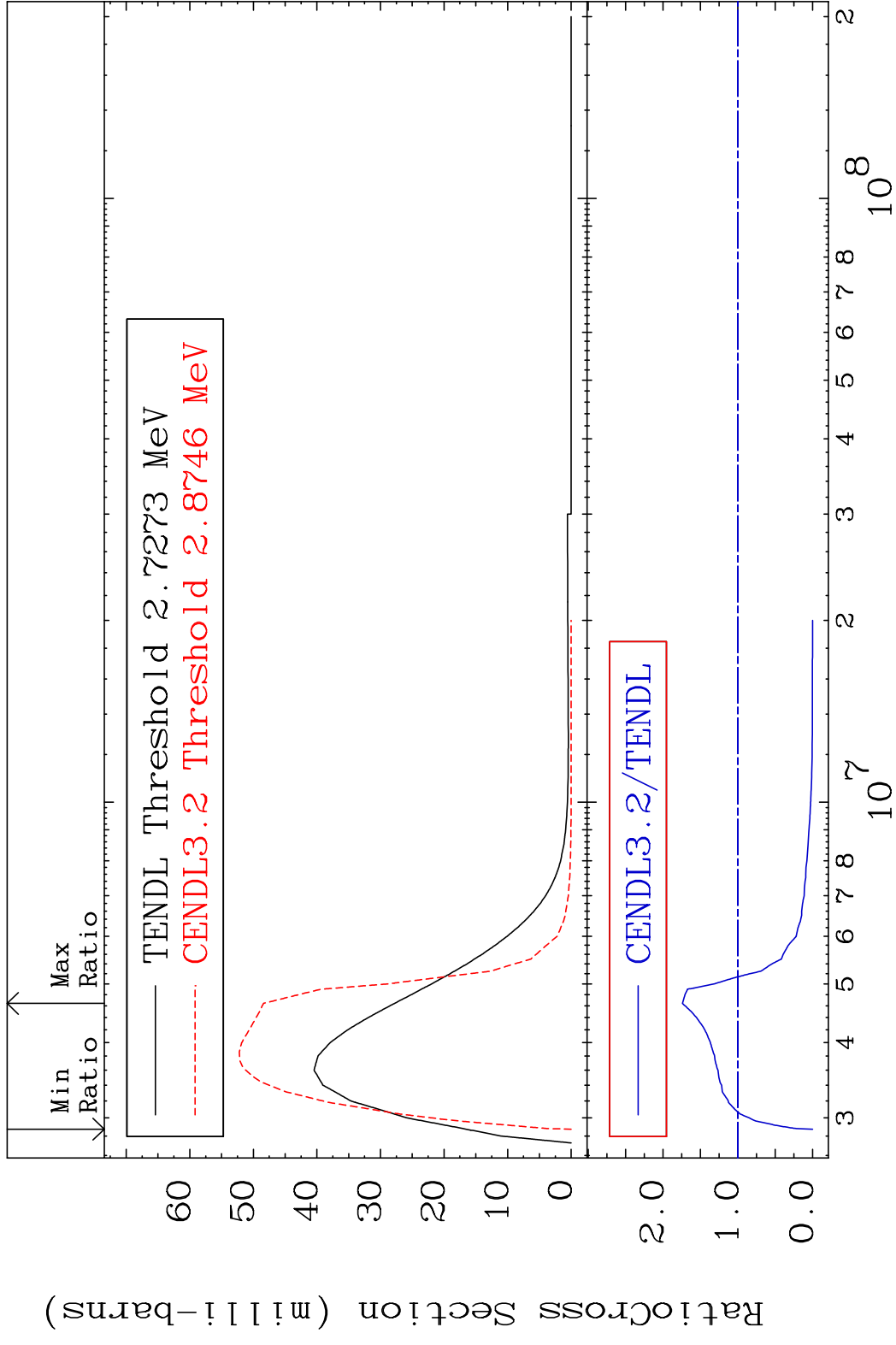
MAT 3237 MT= 68 (n, n') Level 32-Ge-74
 Cross Section -100.0 To -26.49%



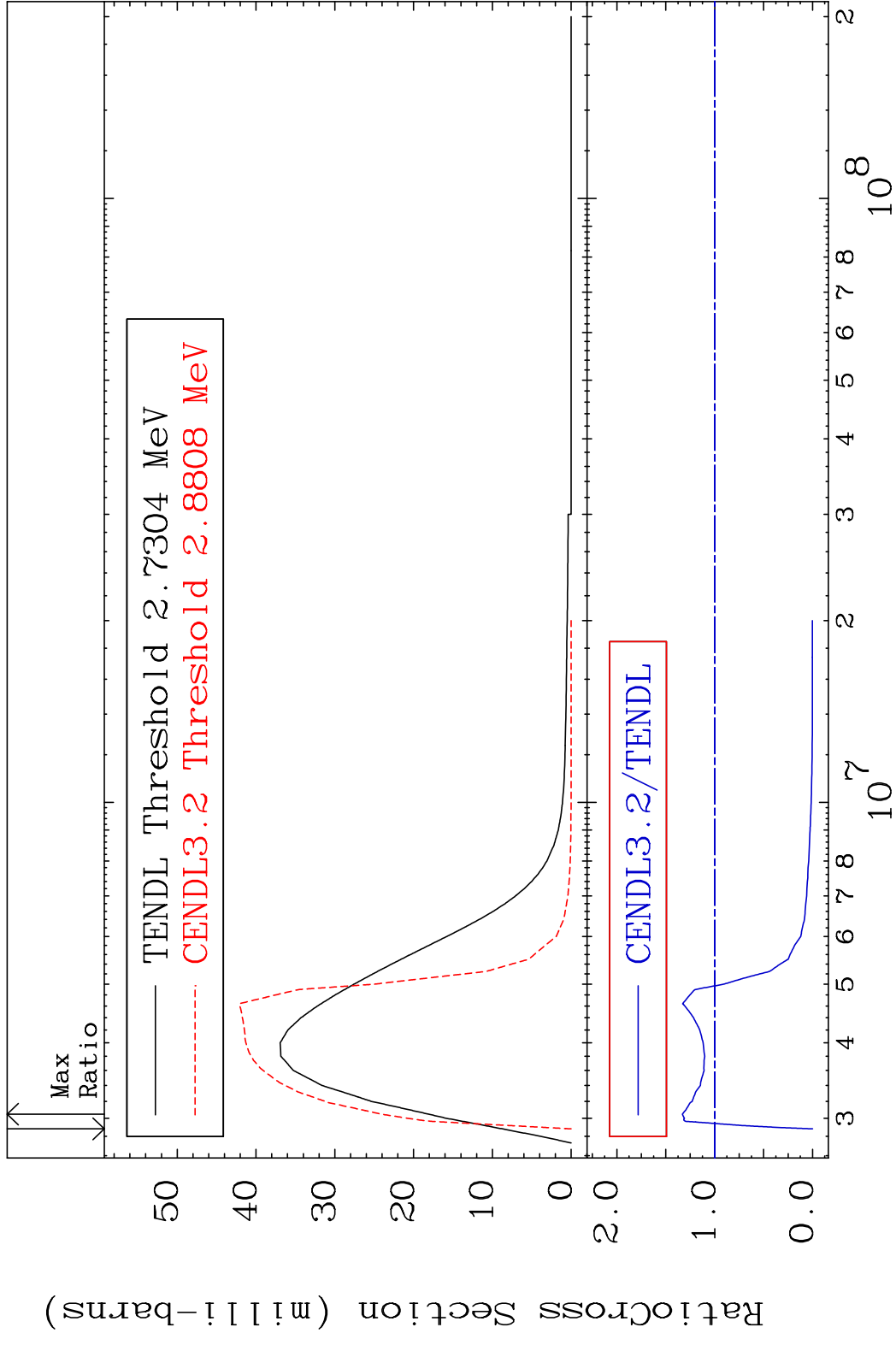
MAT 3237 MT= 69 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 15.06 %



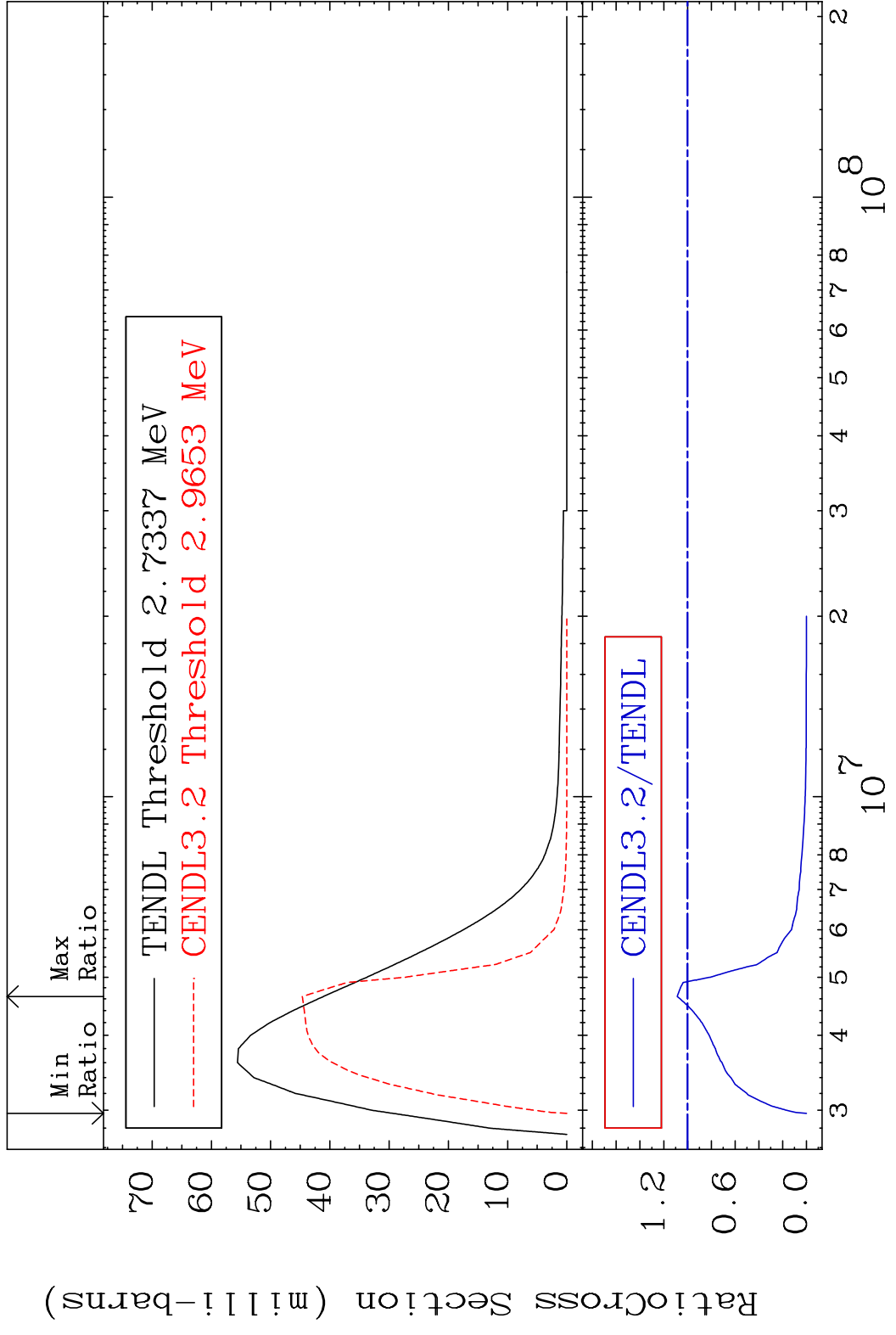
MAT 3237 MT= 70 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 74.12 %



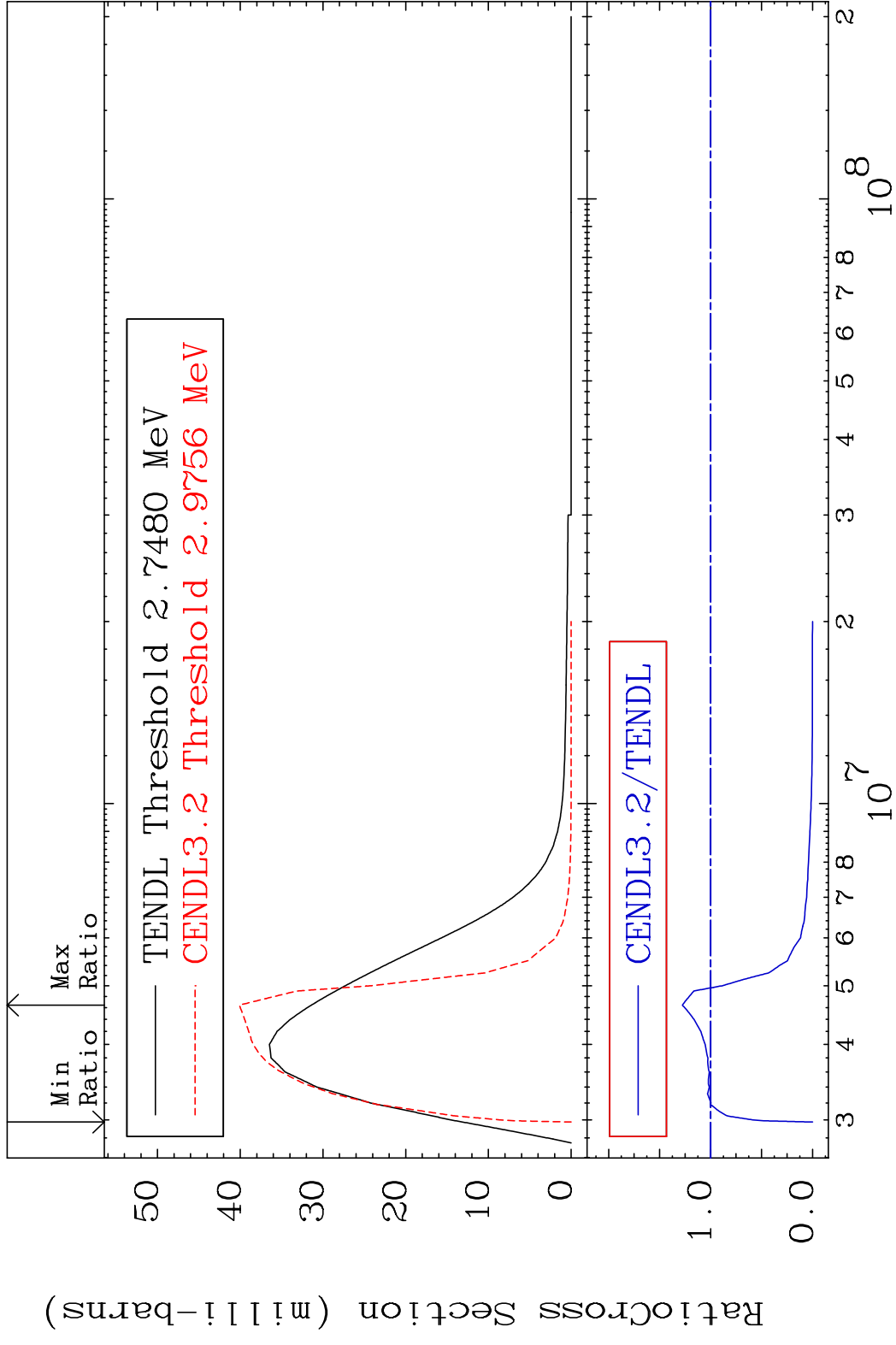
MAT 3237 MT= 71 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 33.06 %



MAT 3237 MT= 72 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 8.701 %

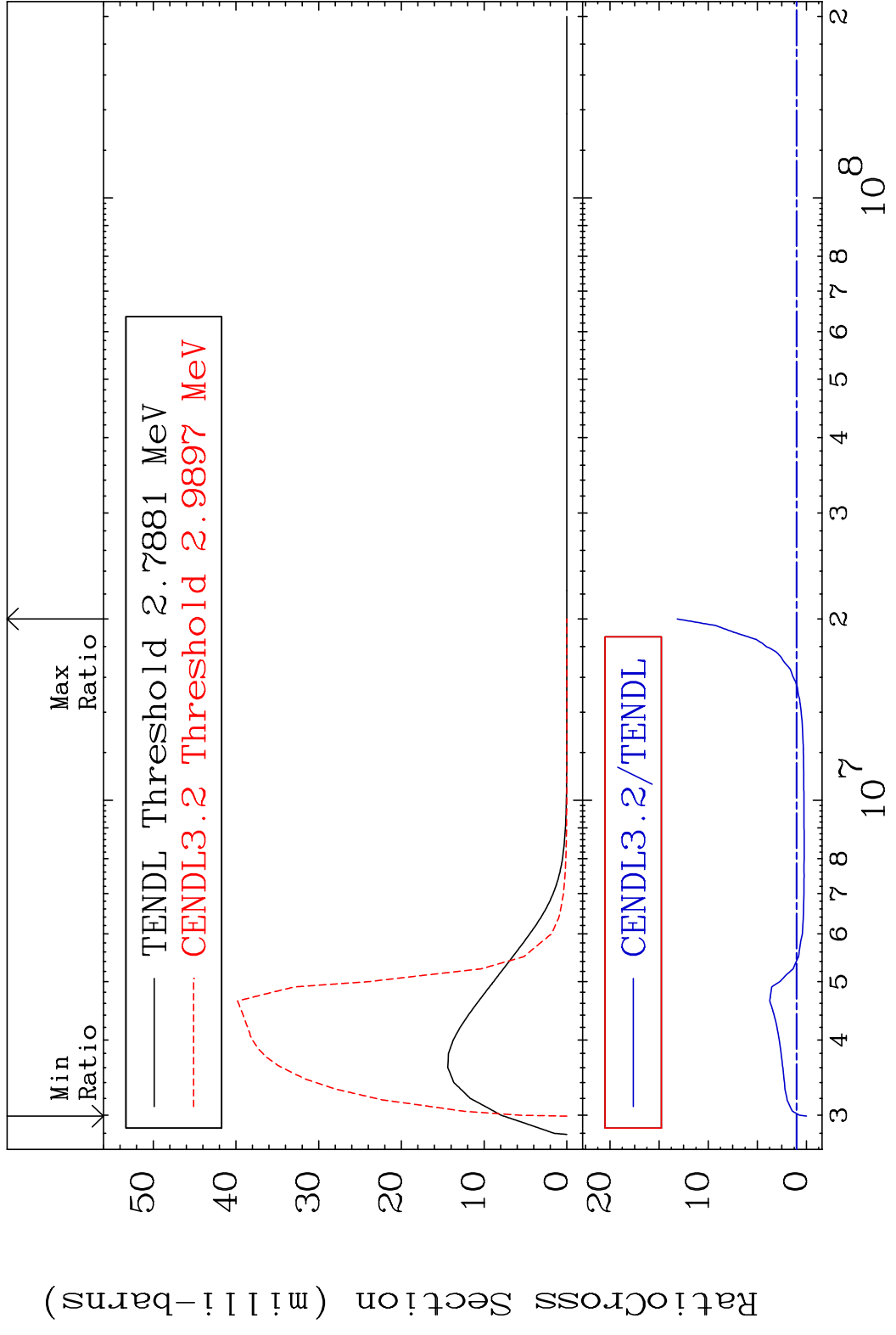


MAT 3237 MT= 73 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 27.70 %

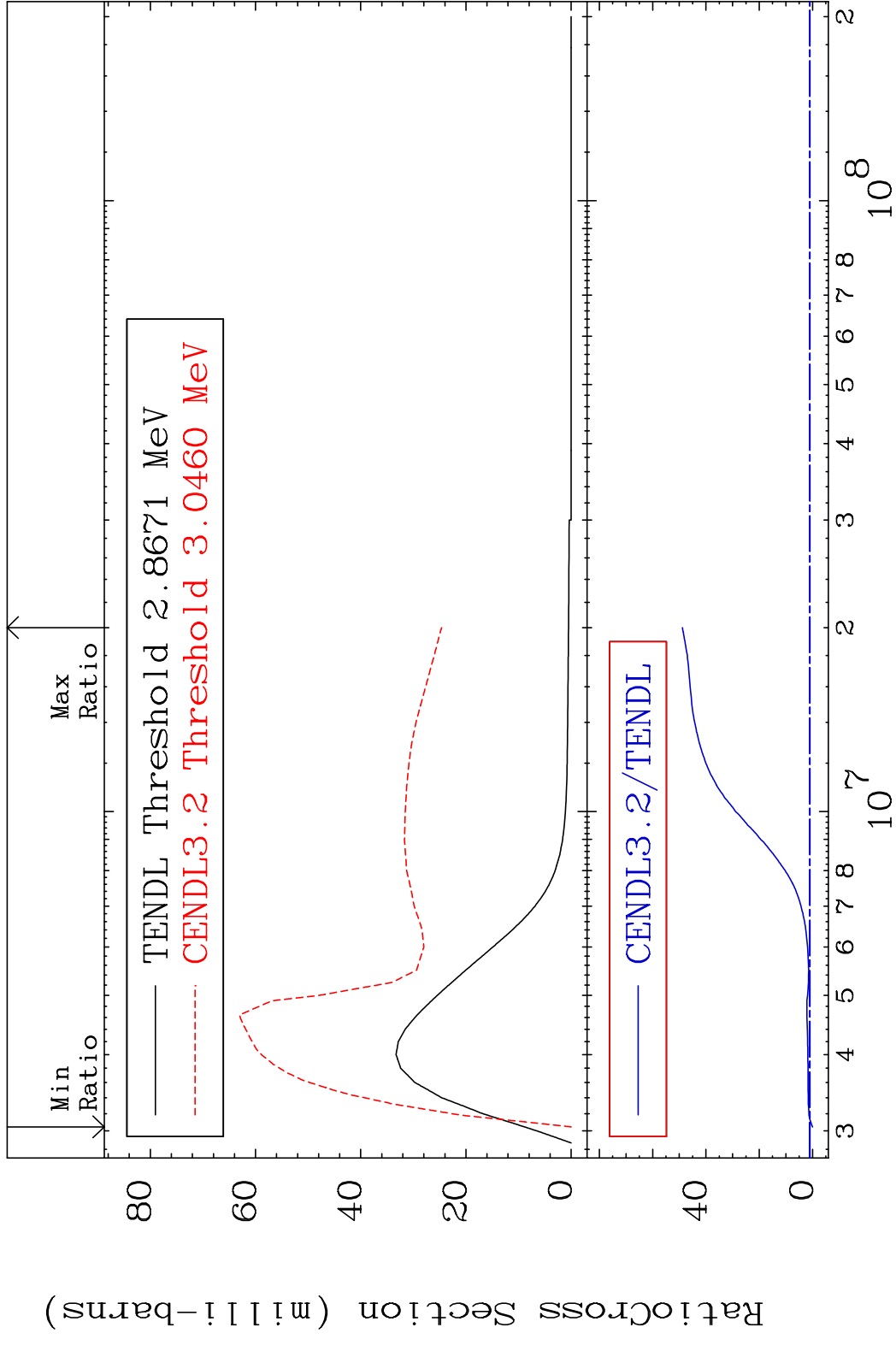


30 Incident Energy (eV) 32-Ge-74

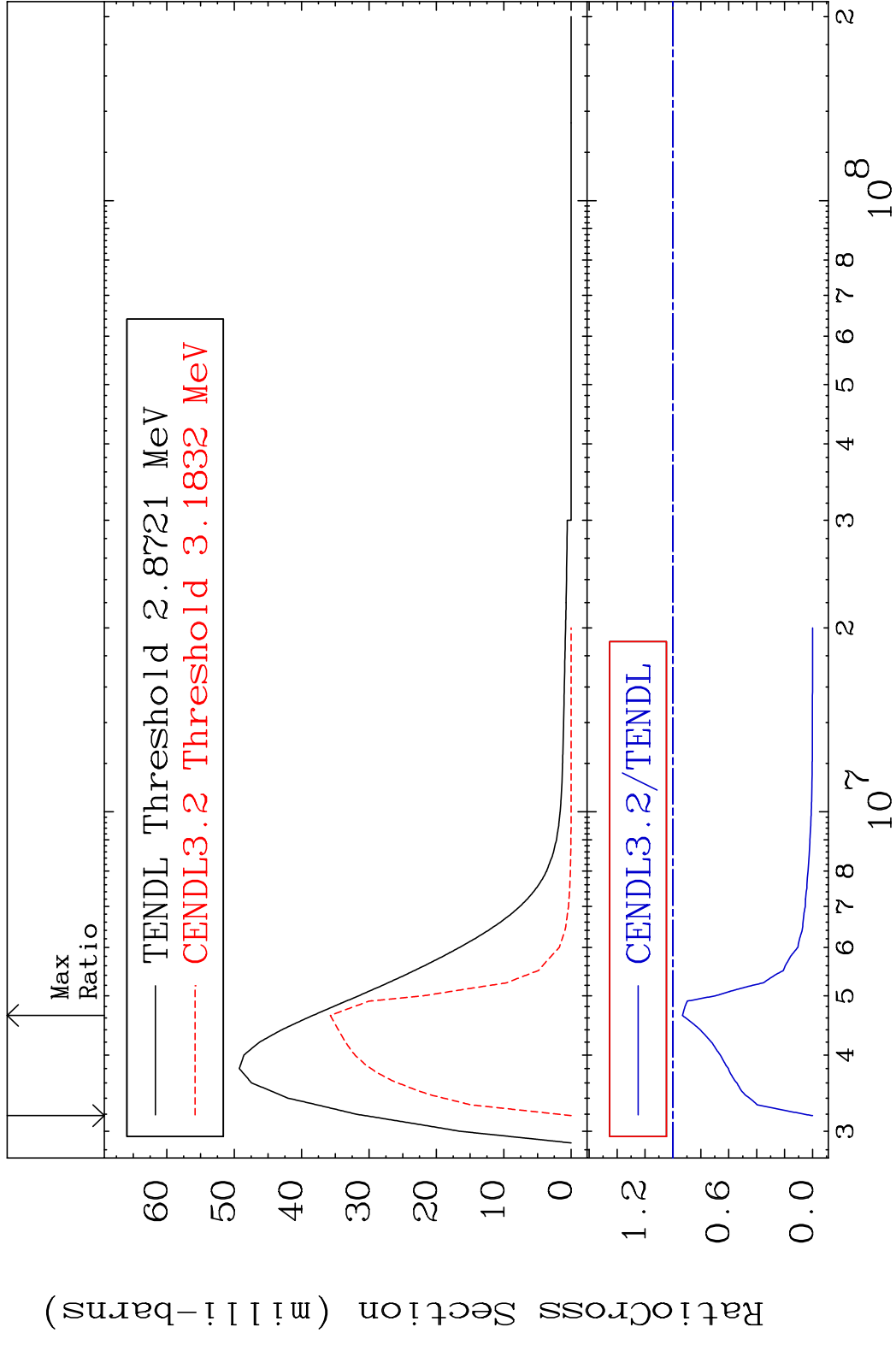
MAT 3237 MT= 74 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 1216. %



MAT 3237 MT= 75 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 4785. %



MAT 3237 MT= 76 (n,n') Level 32-Ge-74
 Cross Section -100.0 To -6.759%

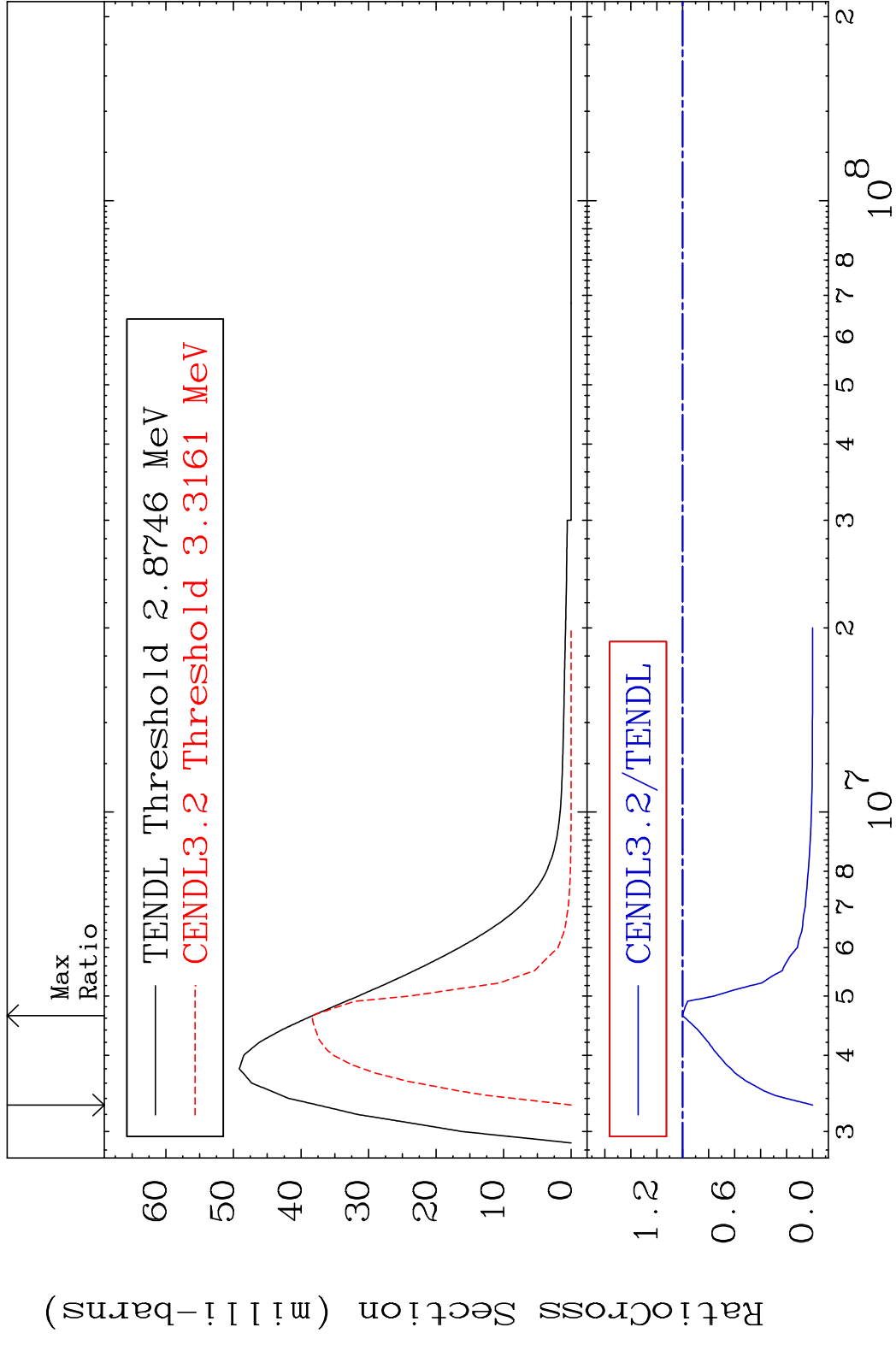


MAT 3237

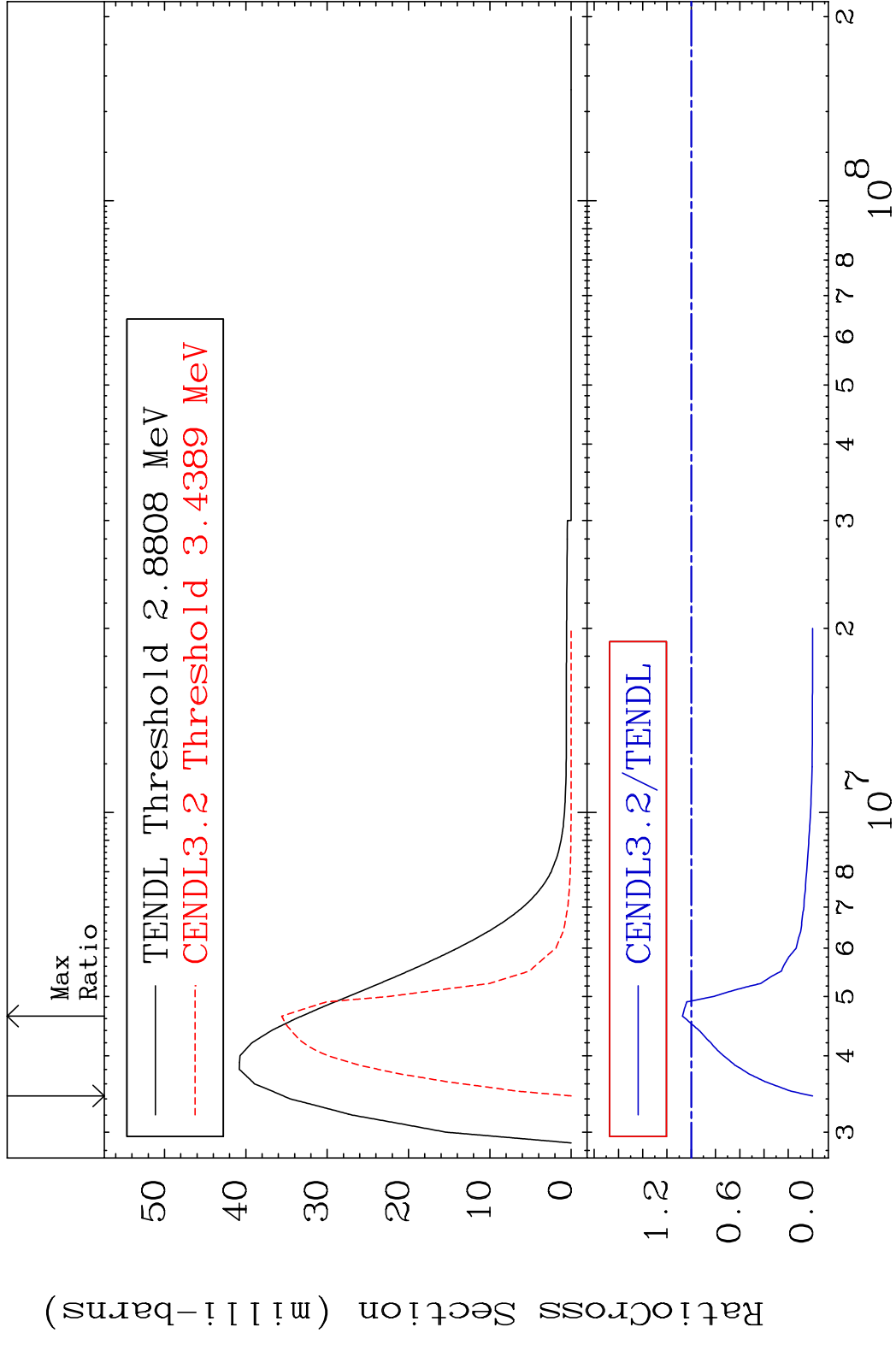
MT= 77 (n, n') Level

32-Ge-74

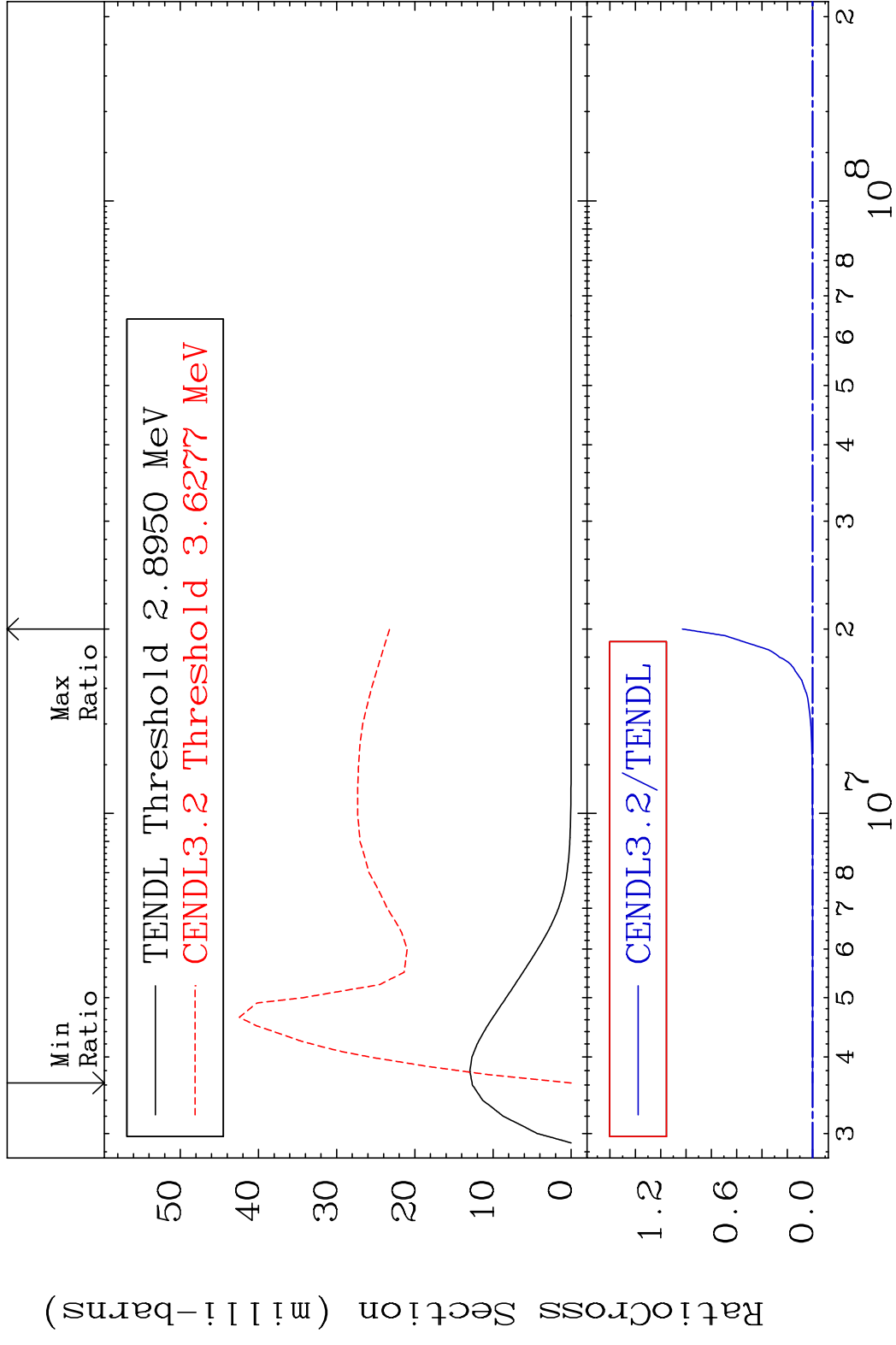
Cross Section -100.0 To 0.272 %



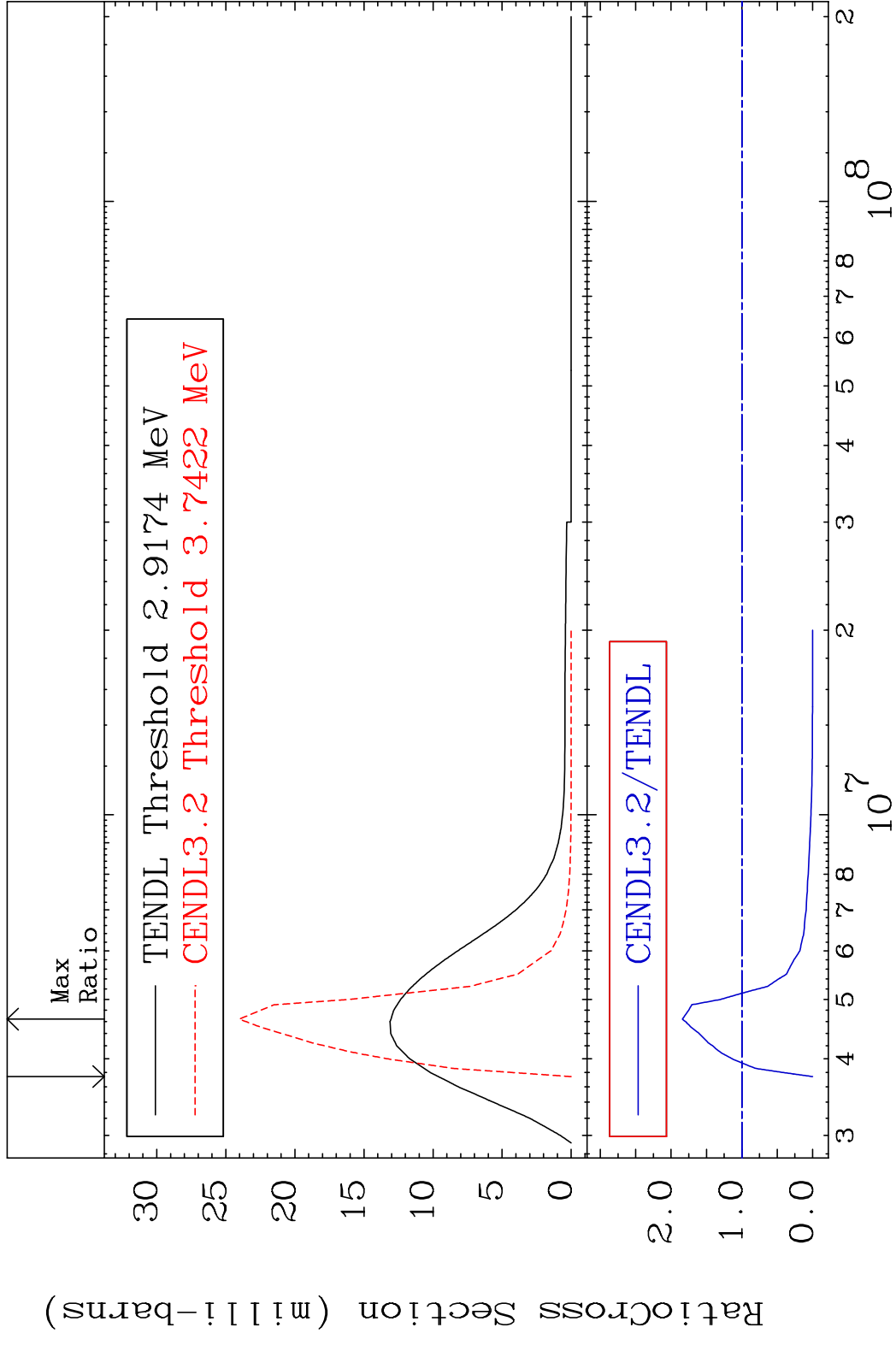
MAT 3237 MT= 78 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 7.309 %



MAT 3237 MT= 79 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 MT= 80 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 84.07 %

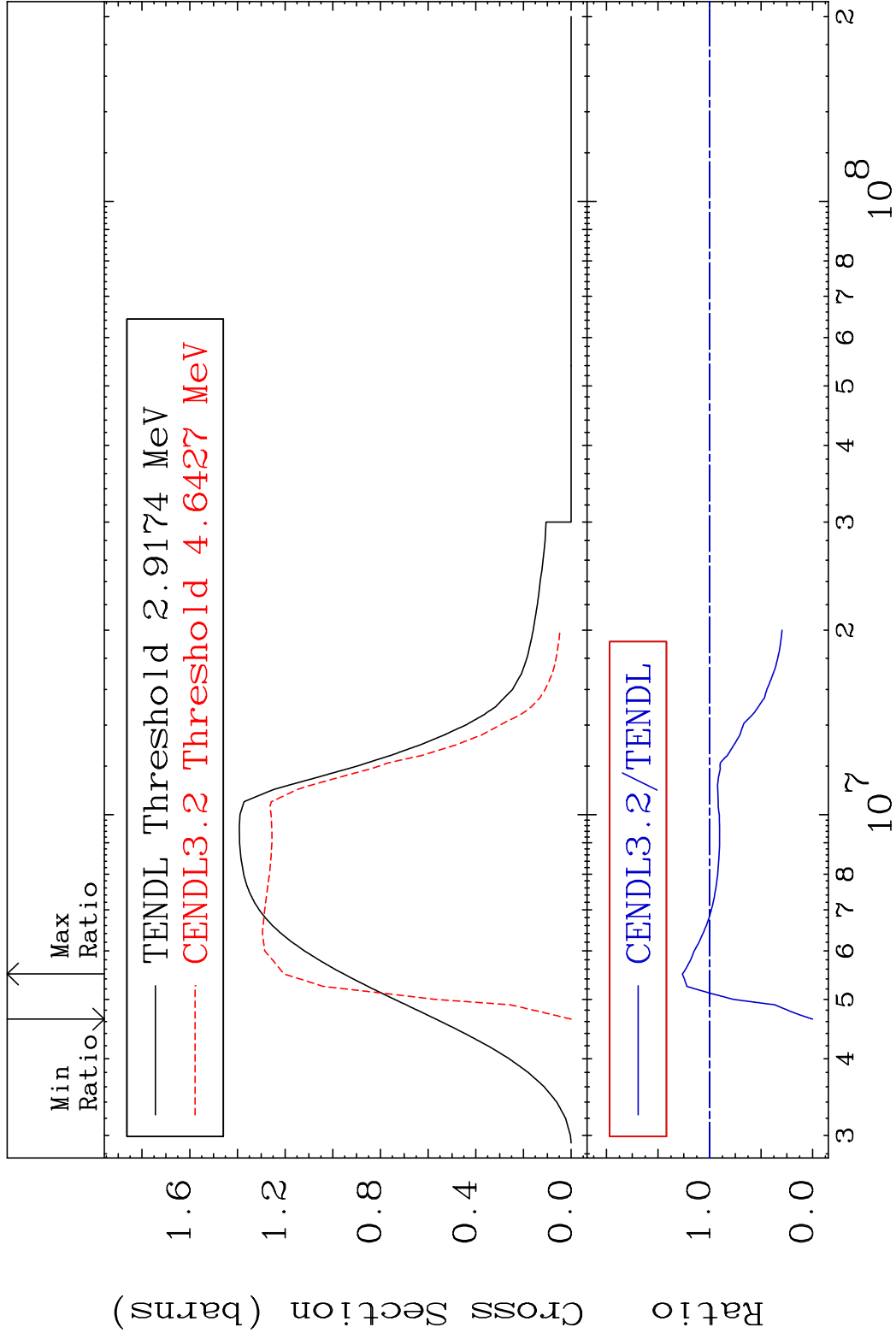


MAT 3237

(n, n') Continuum

32-Ge-74

Cross Section -100.0 To 26.40 %



38

Incident Energy (eV)

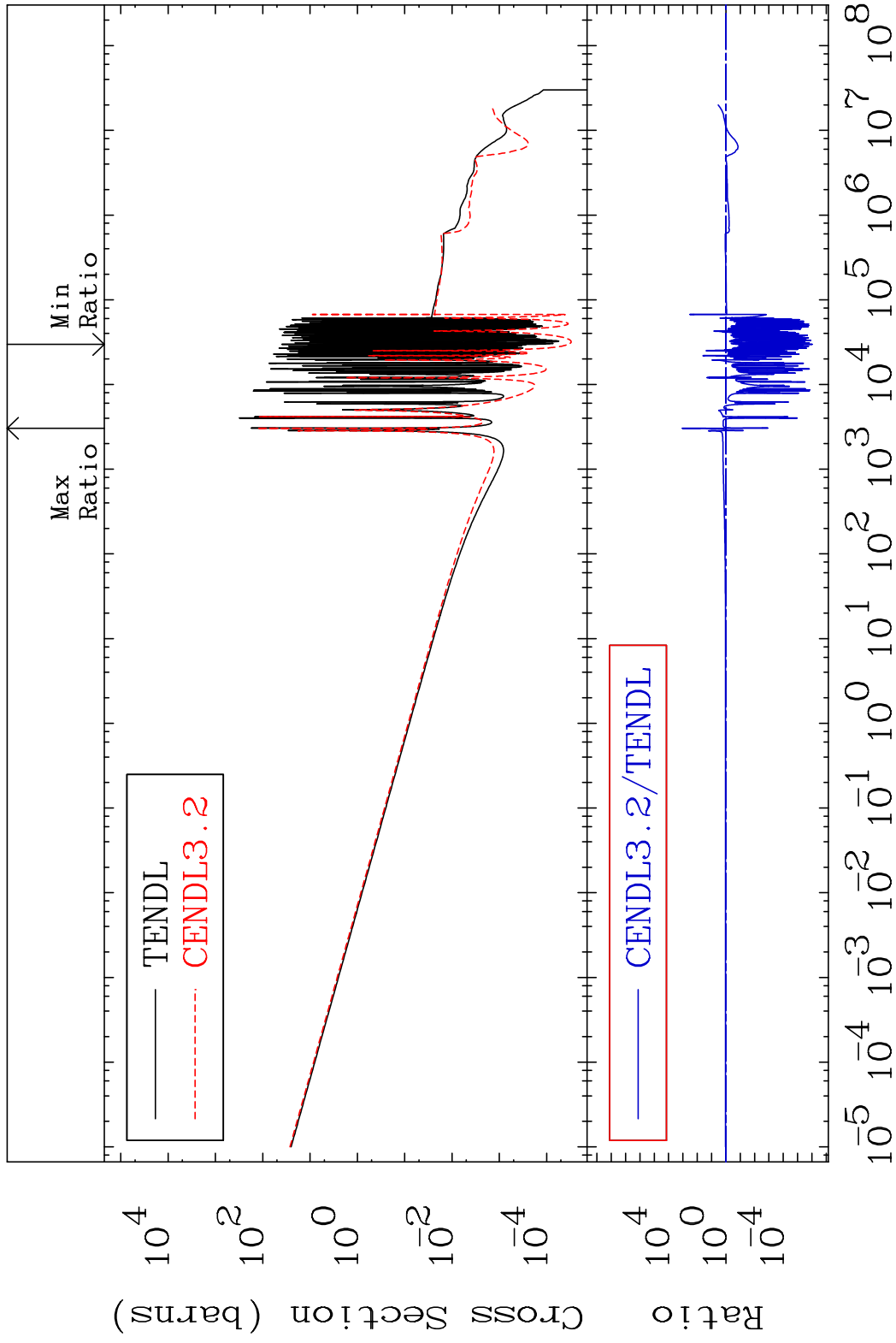
32-Ge-74

MAT 3237

(n, γ)

32-Ge-74

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

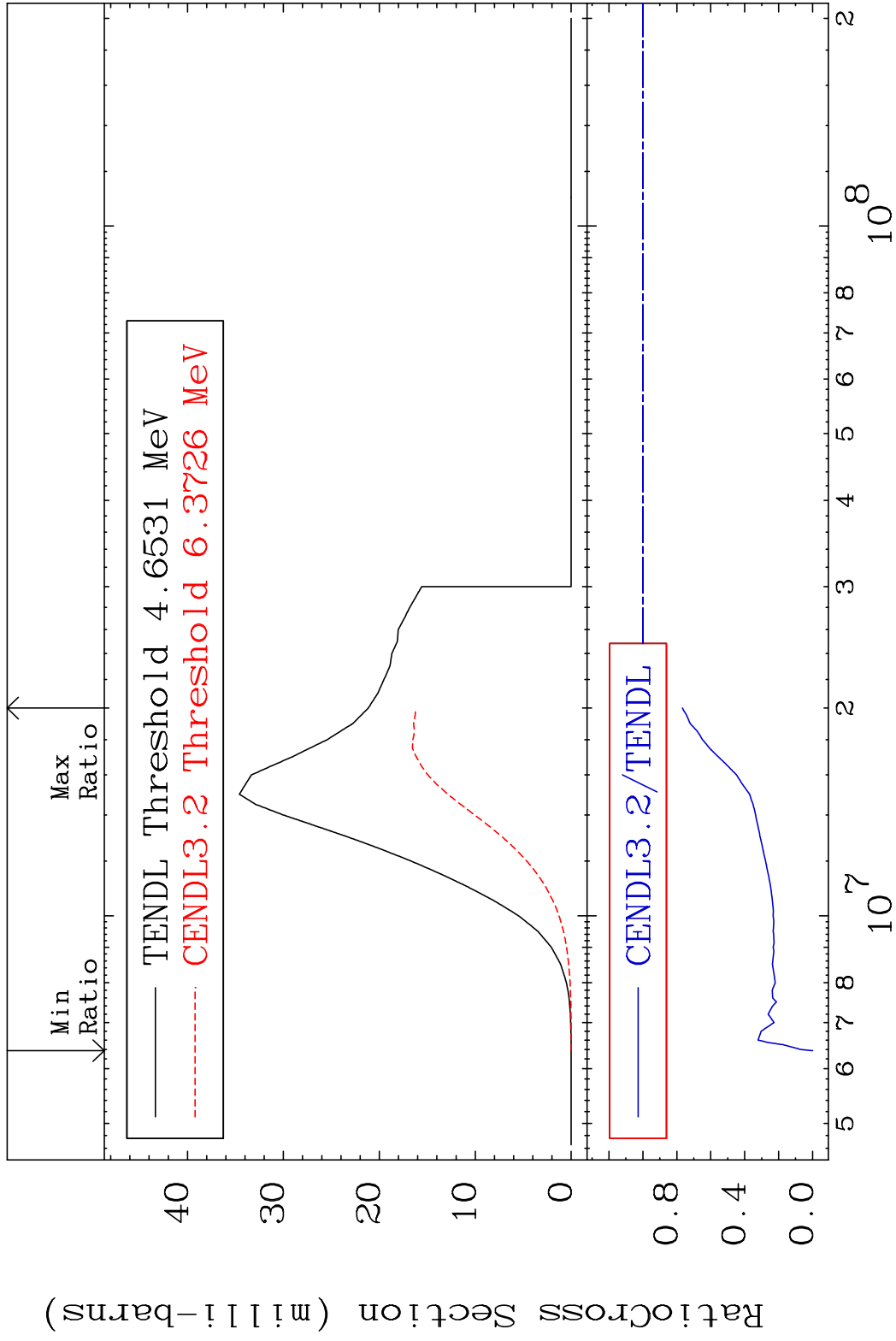
32-Ge-74

MAT 3237

(n,p)

$^{32}\text{Ge-74}$

Cross Section -100.0 To -23.27%



40

Incident Energy (eV)

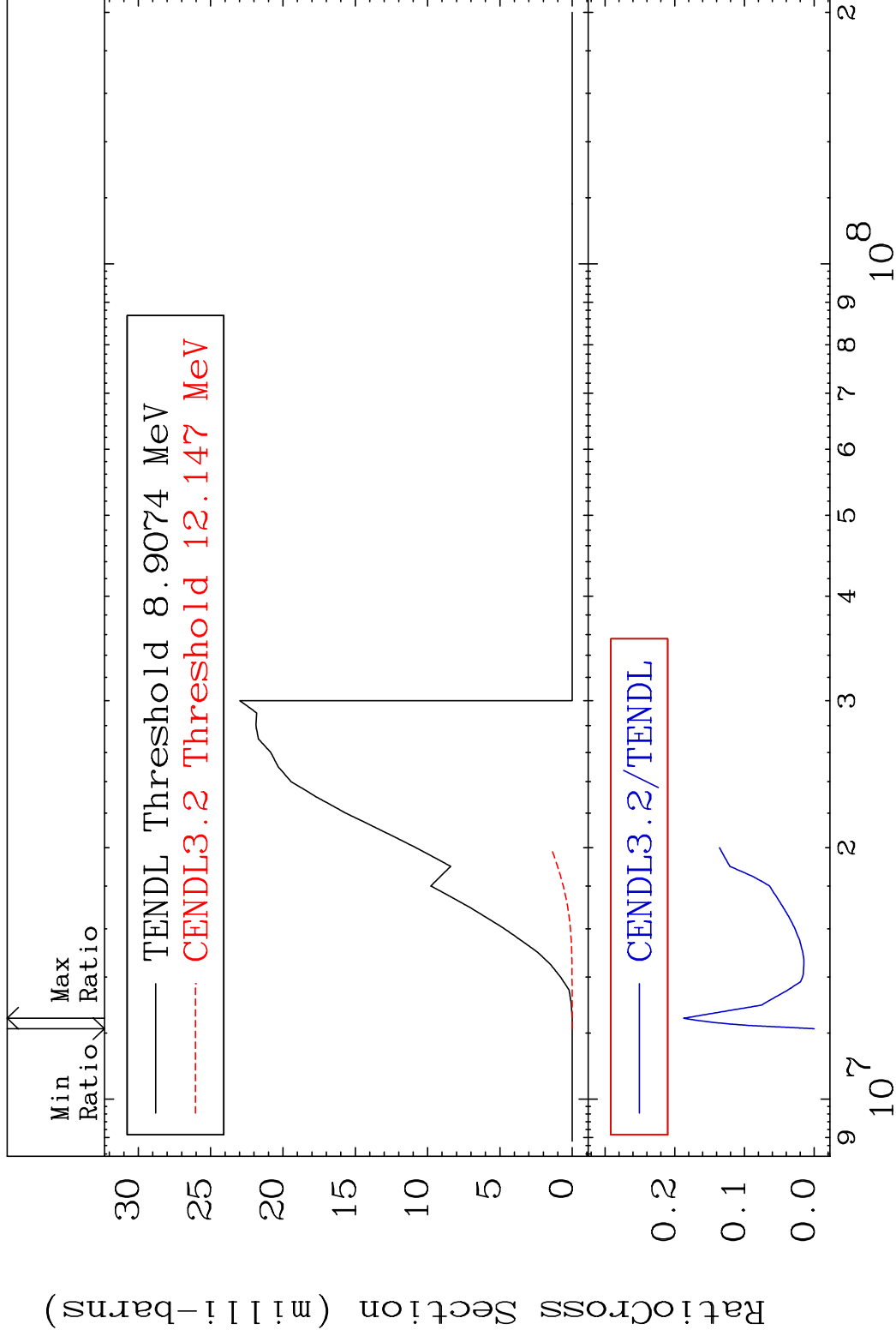
$^{32}\text{Ge-74}$

MAT 3237

(n, d)

³²Ge-74

Cross Section -100.0 To -81.28%



41

Incident Energy (eV)

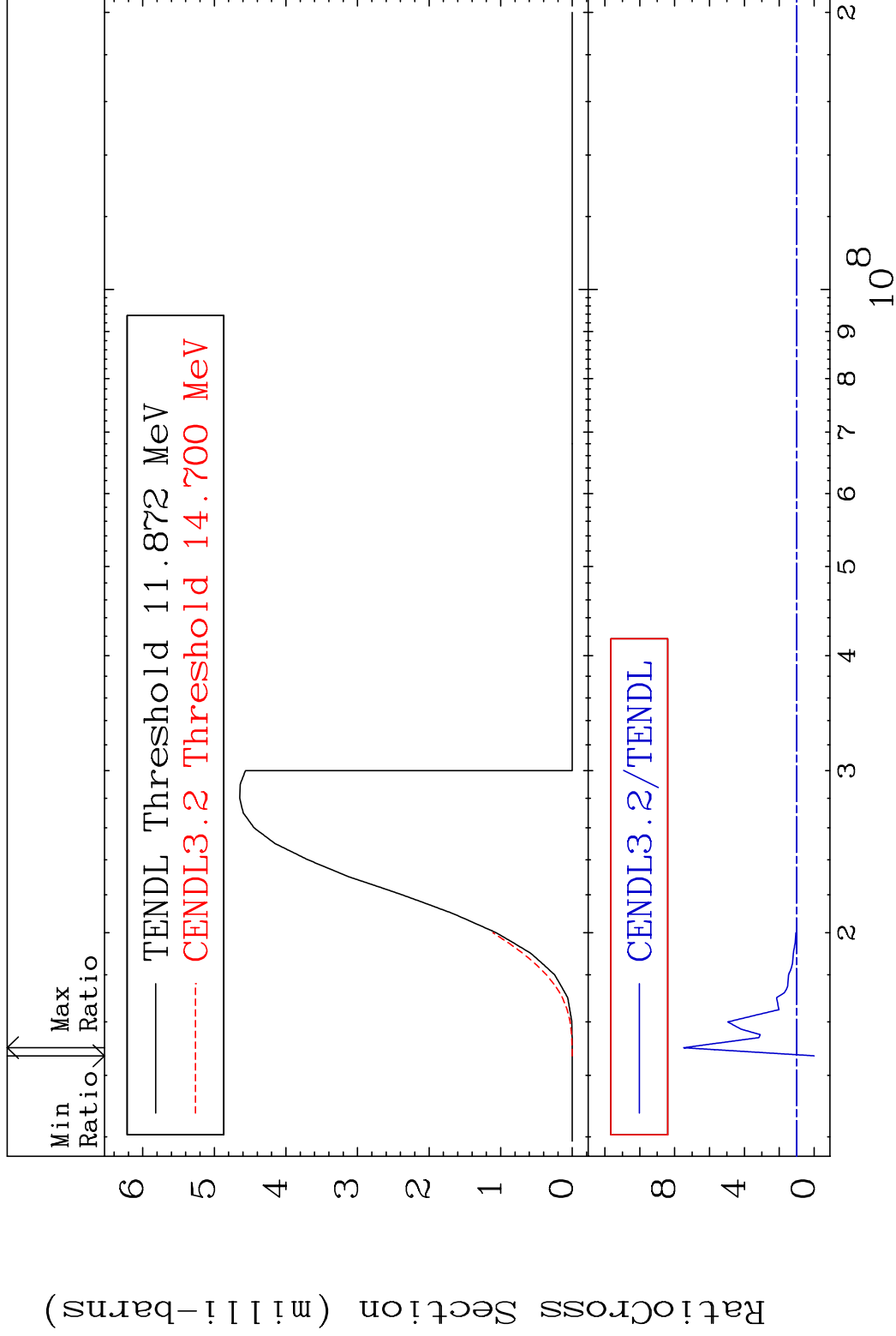
³²Ge-74

MAT 3237

(n, t)

32-Ge-74

Cross Section -100.0 To 648.3 %



42

Incident Energy (eV)

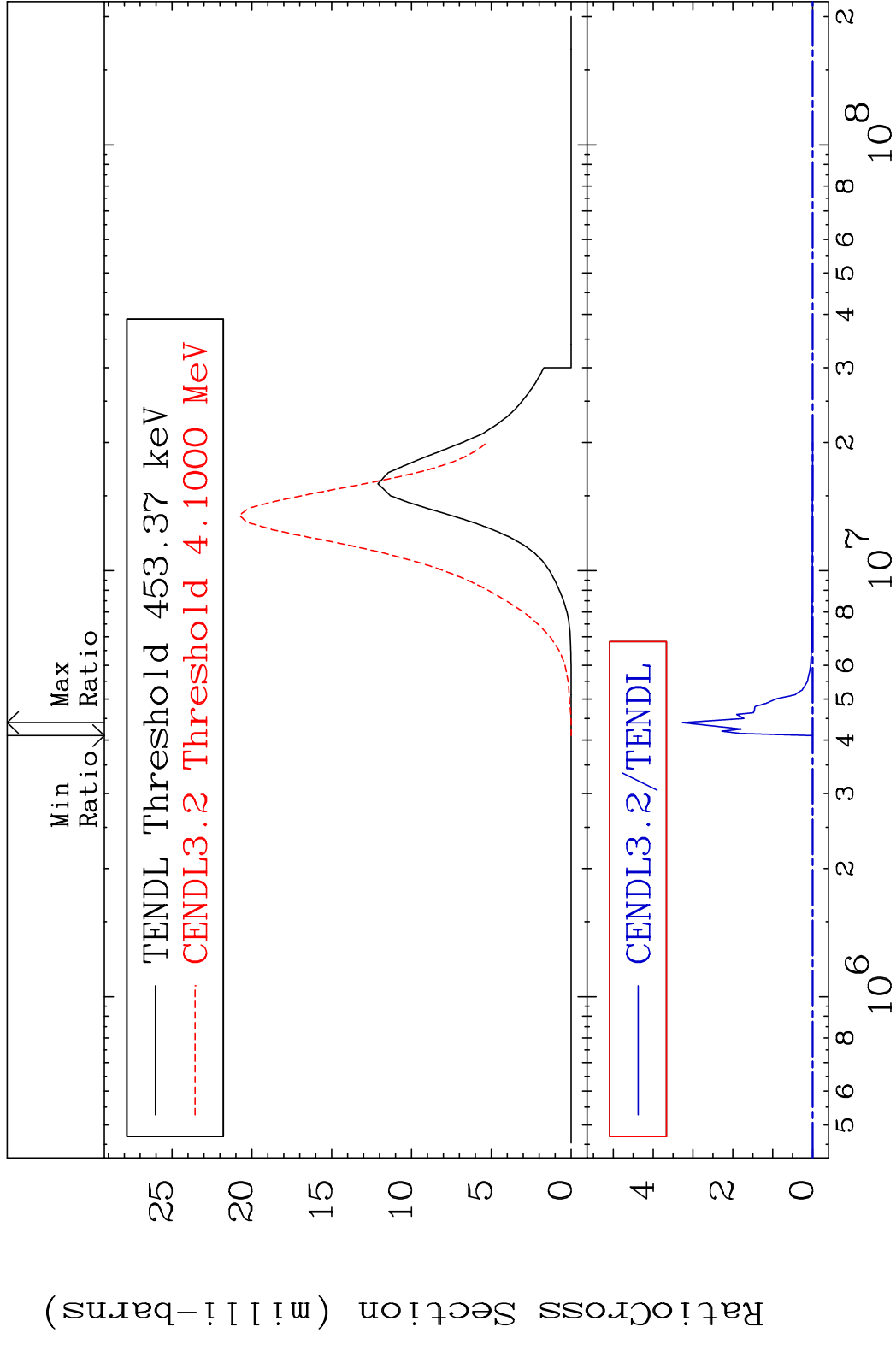
32-Ge-74

MAT 3237

32-Ge-74

(n, α)

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

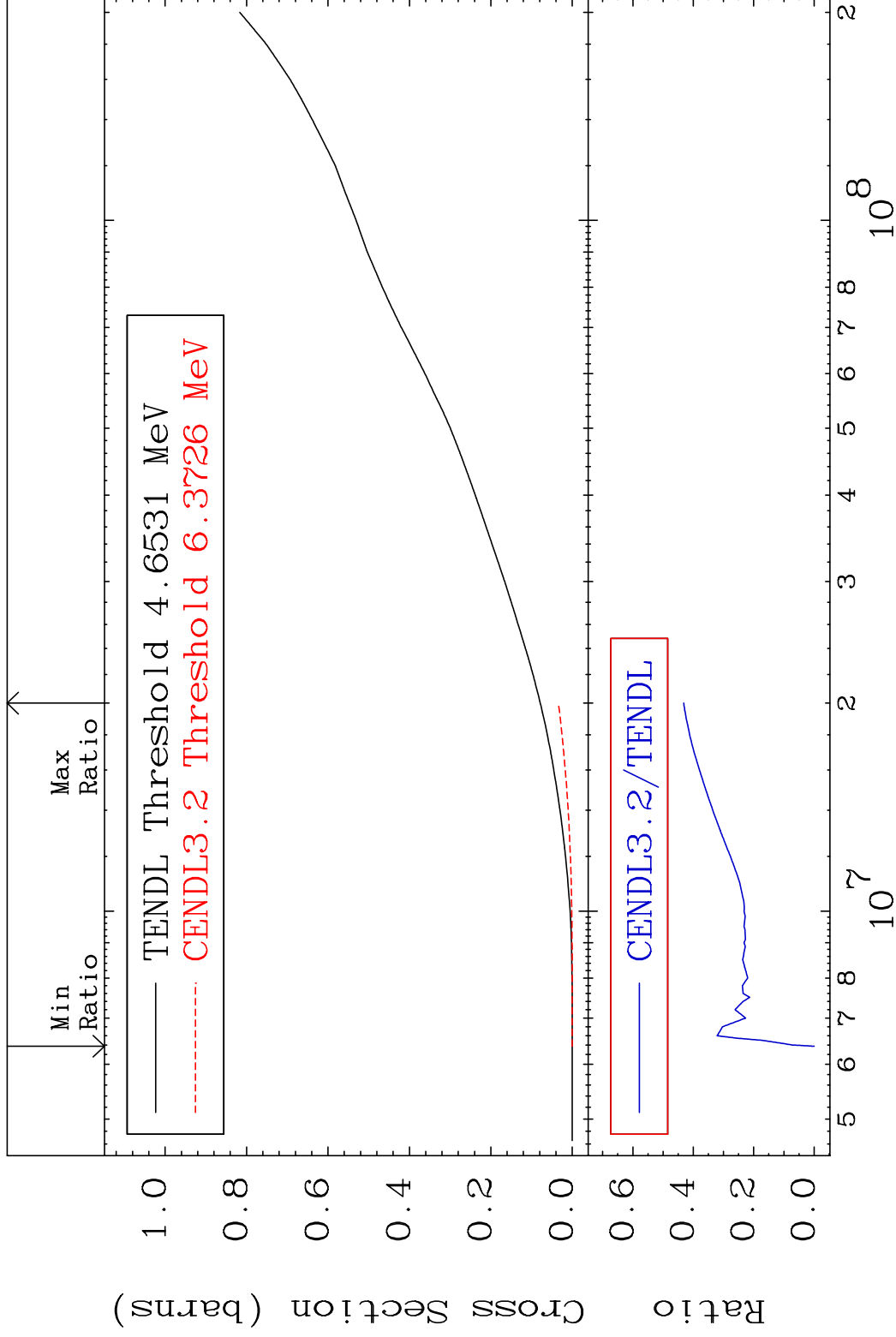
32-Ge-74

MAT 3237

Hydrogen Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To -56.81%



44

Incident Energy (eV)

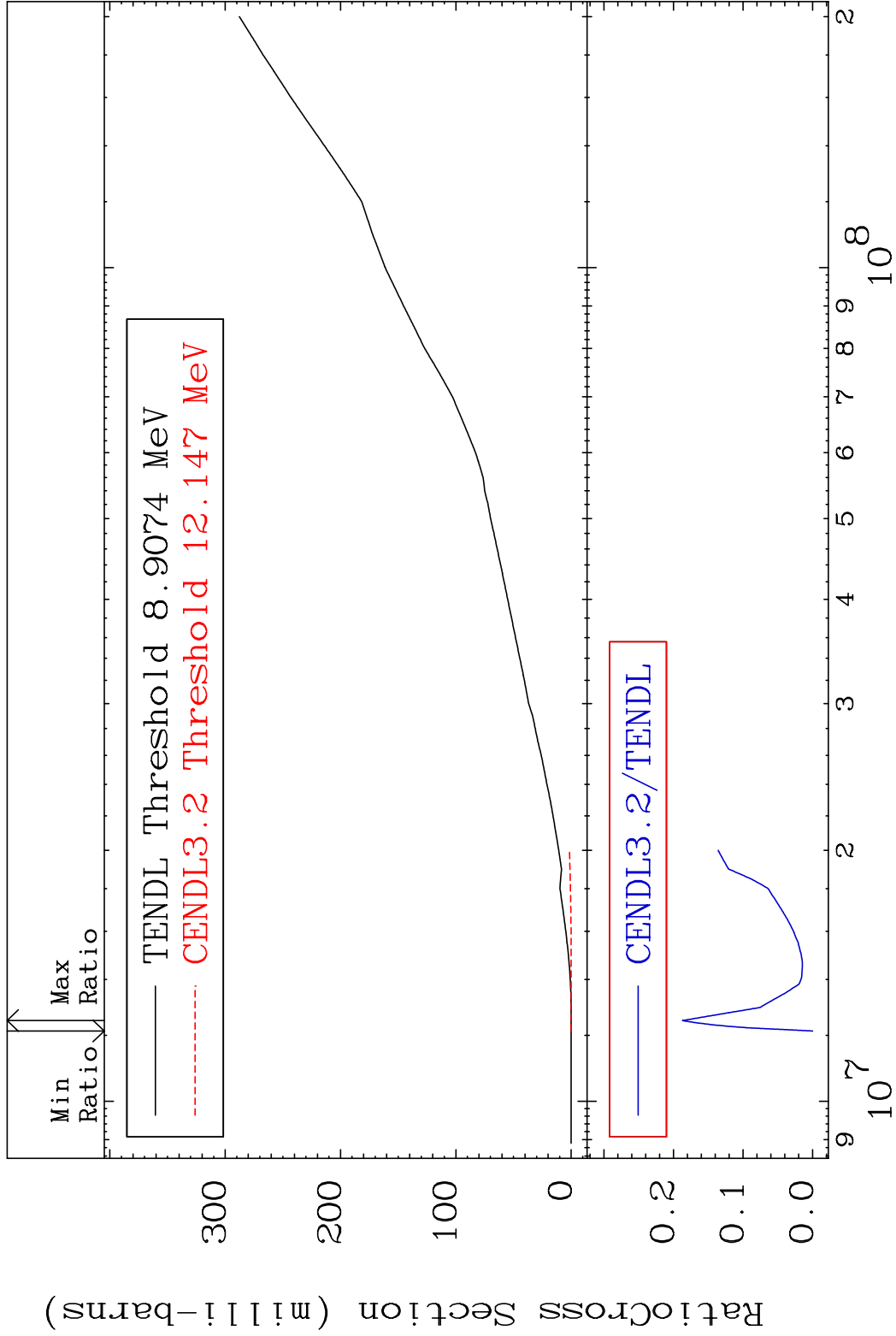
$^{32}\text{Ge-74}$

MAT 3237

Deuterium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To -81.28%



45

Incident Energy (eV)

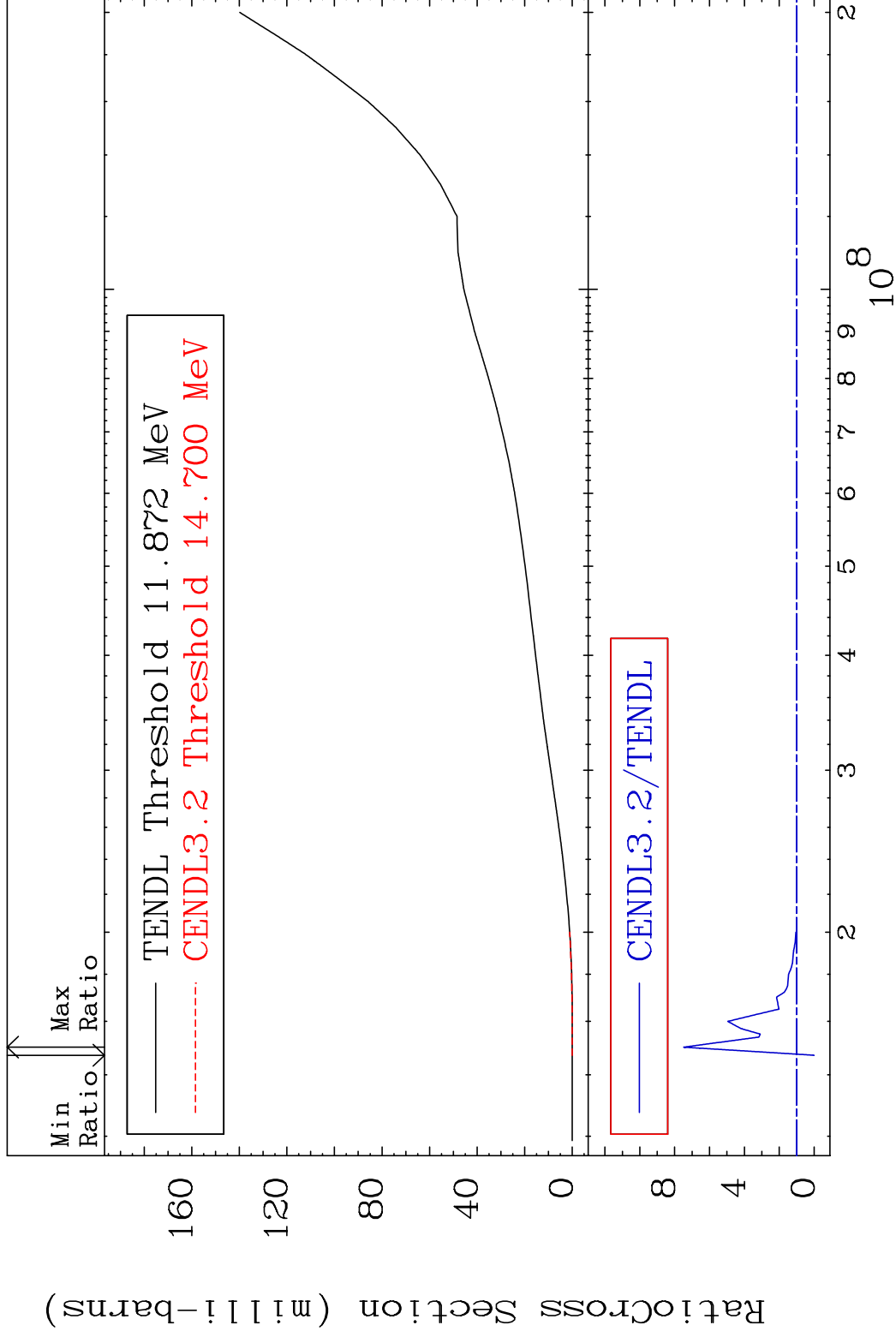
$^{32}\text{Ge-74}$

MAT 3237

Tritium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To 648.3 %



46

Incident Energy (eV)

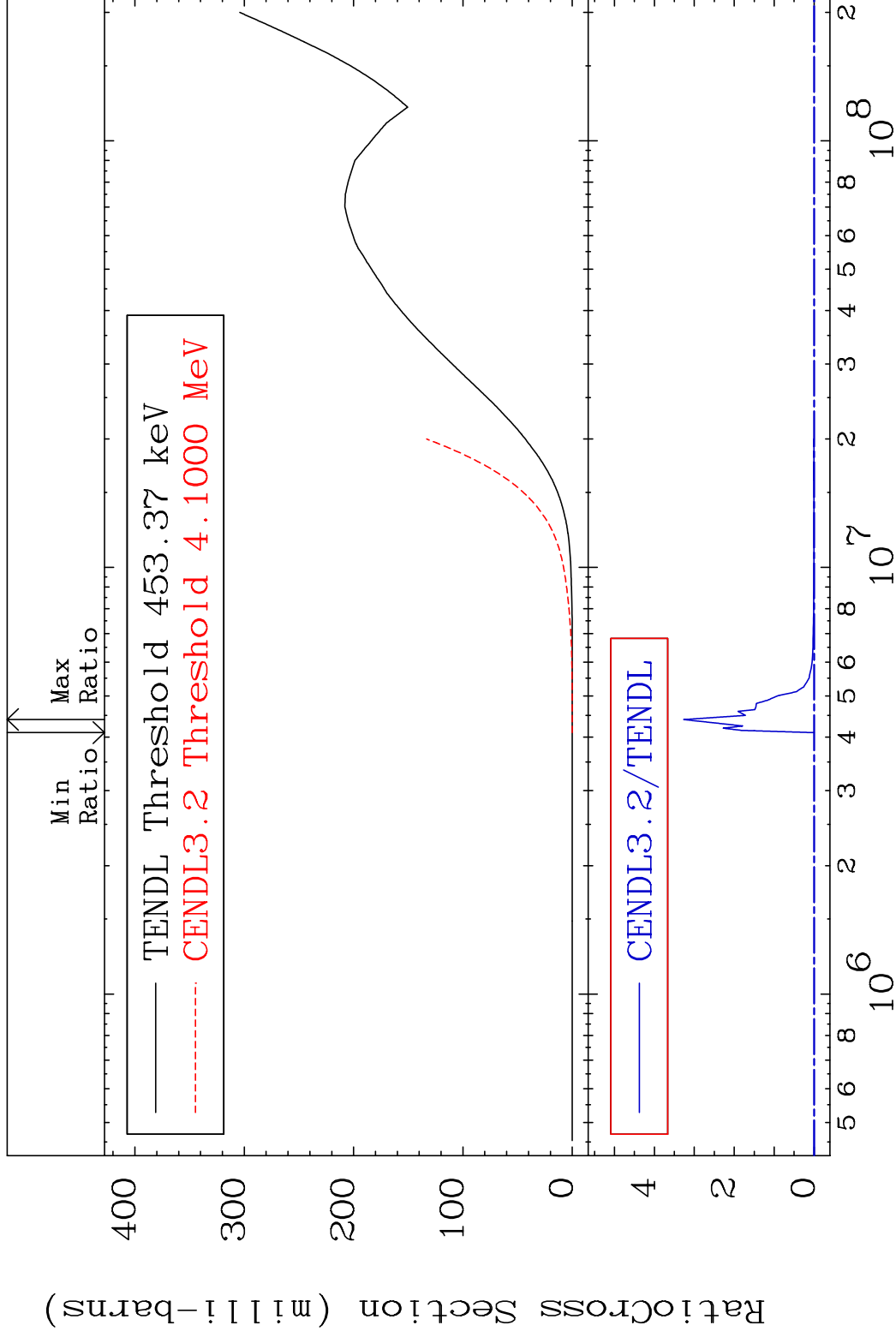
$^{32}\text{Ge-74}$

MAT 3237

He-4 Production

32-Ge-74

Cross Section -100.0 To 9999. %

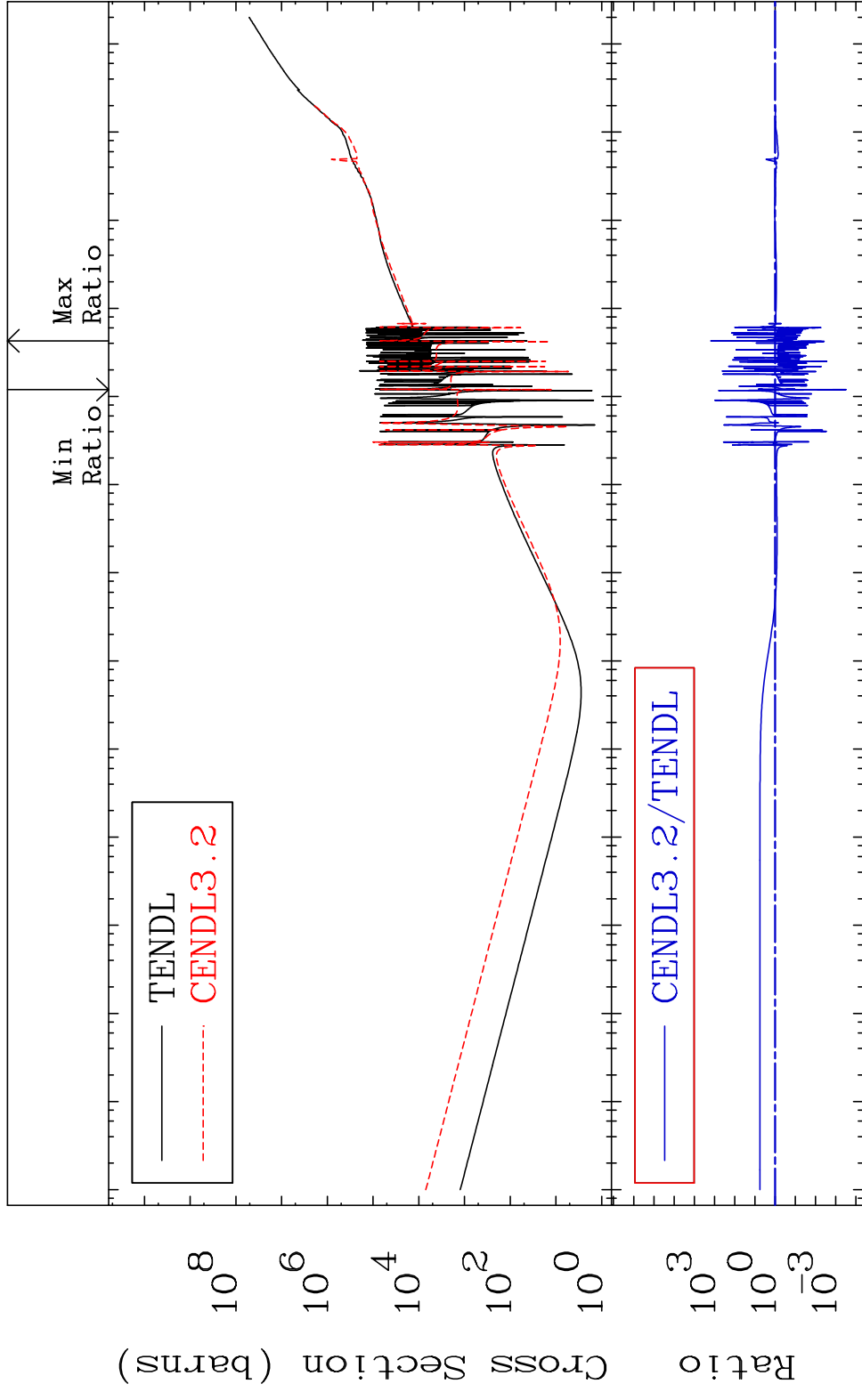


47

Incident Energy (eV)

32-Ge-74

MAT 3237 Kerma total (eV-barns) 32-Ge-74
 Cross Section -99.97 To 9999. %

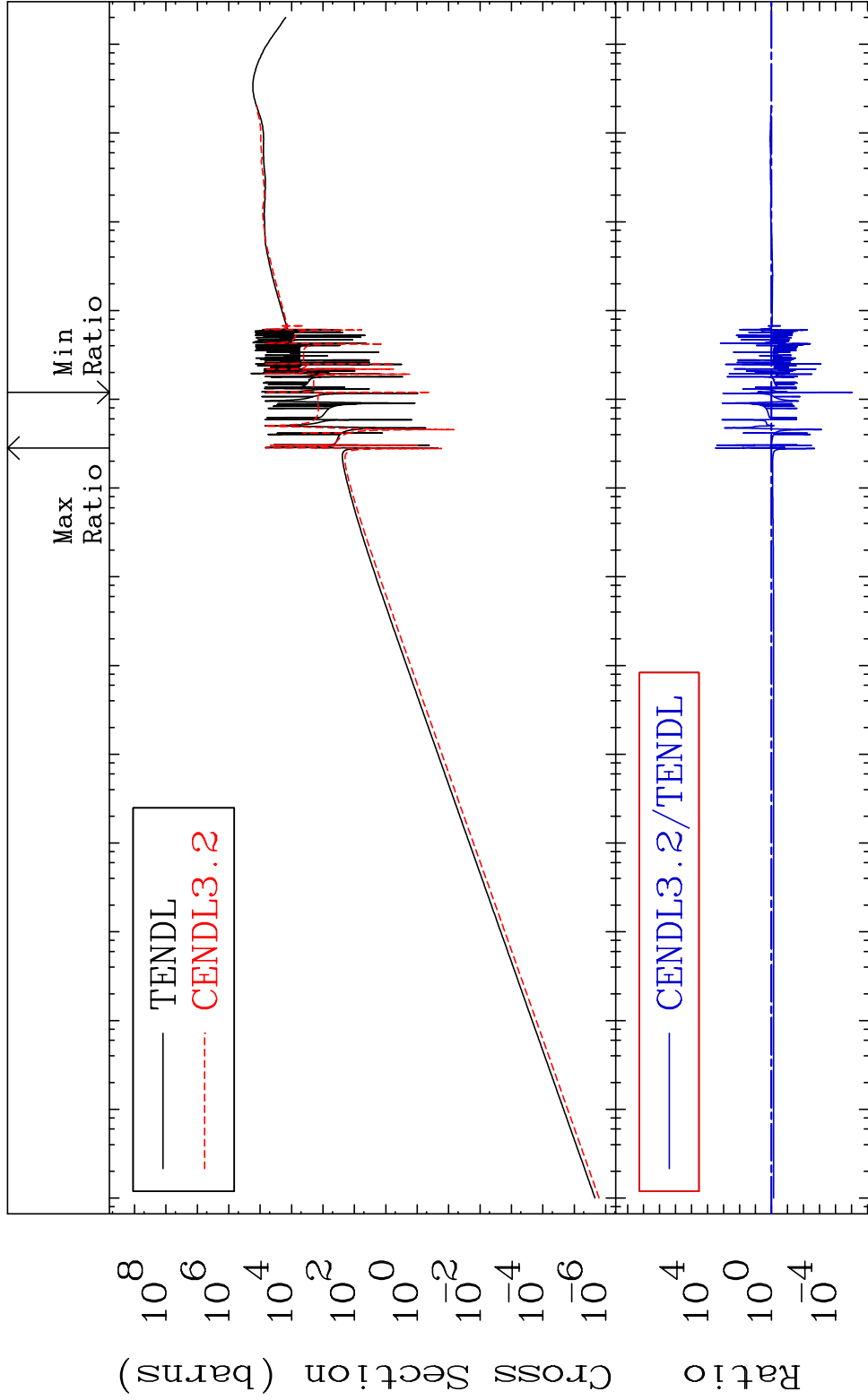


48 Incident Energy (eV) 32-Ge-74

MAT 3237

Kerma elastic
Cross Section

32-Ge-74
-100.0 To 9999. %

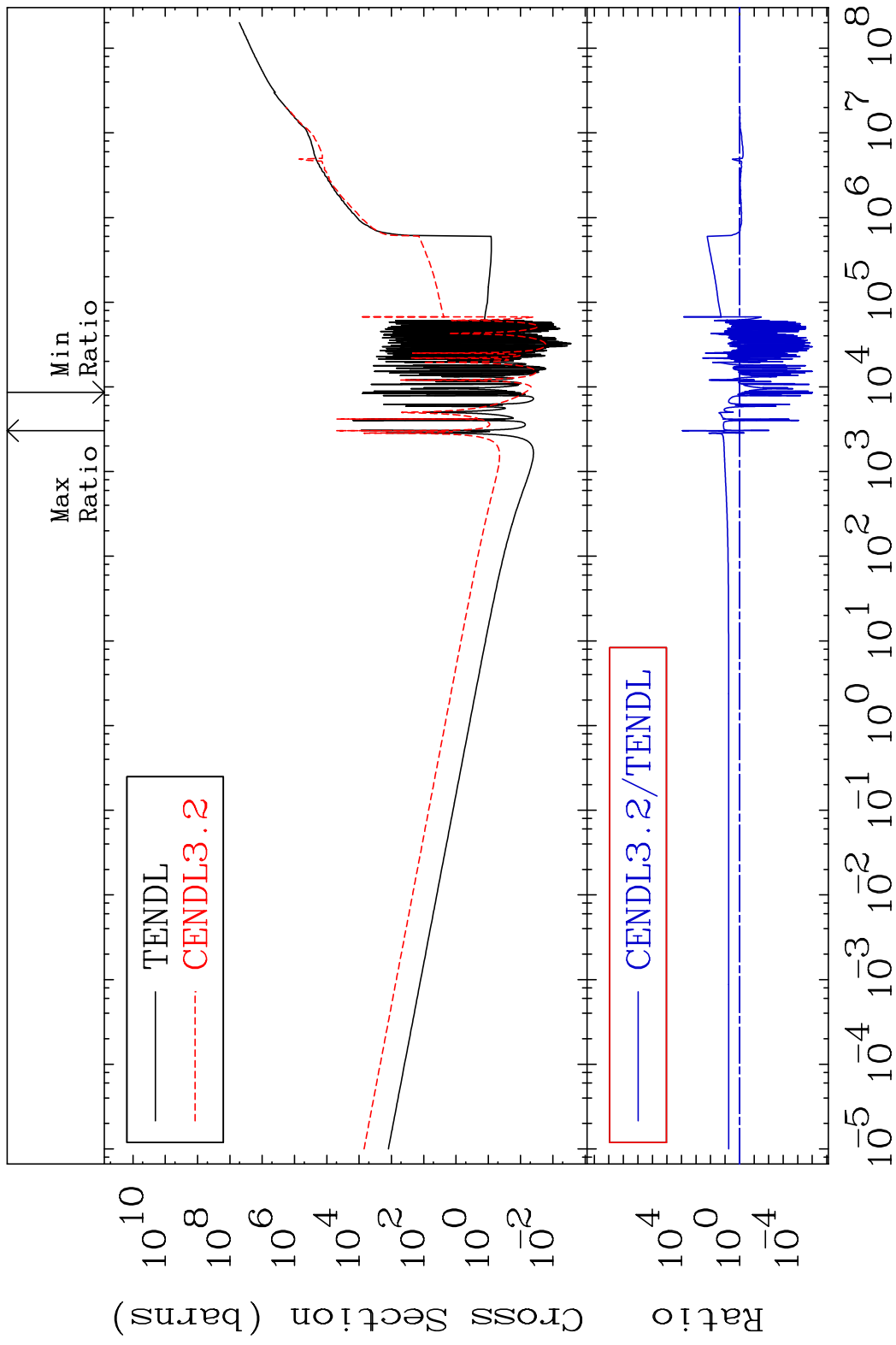


49

Incident Energy (eV)

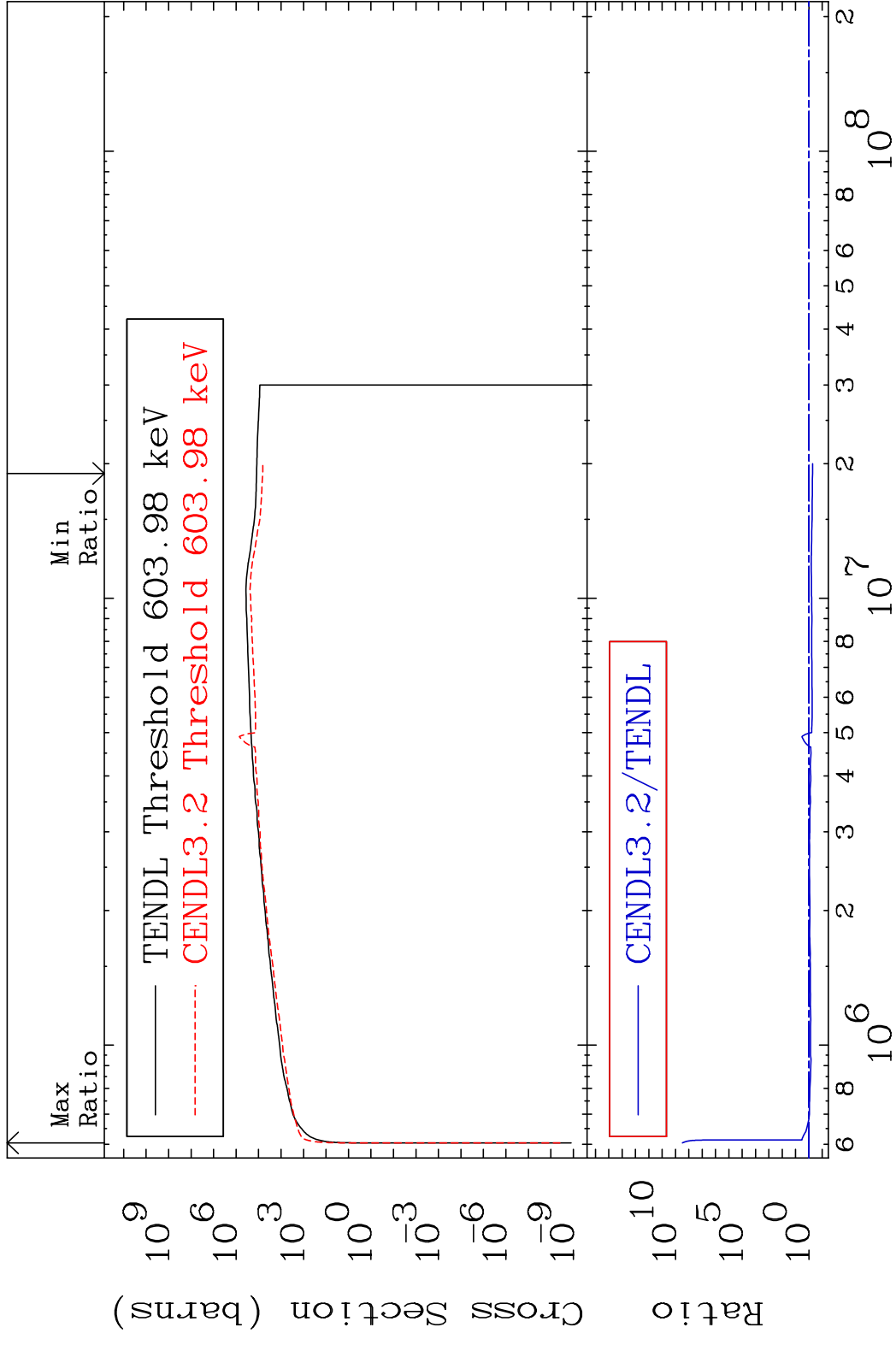
32-Ge-74

MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74
 Cross Section -100.0 To 9999. %

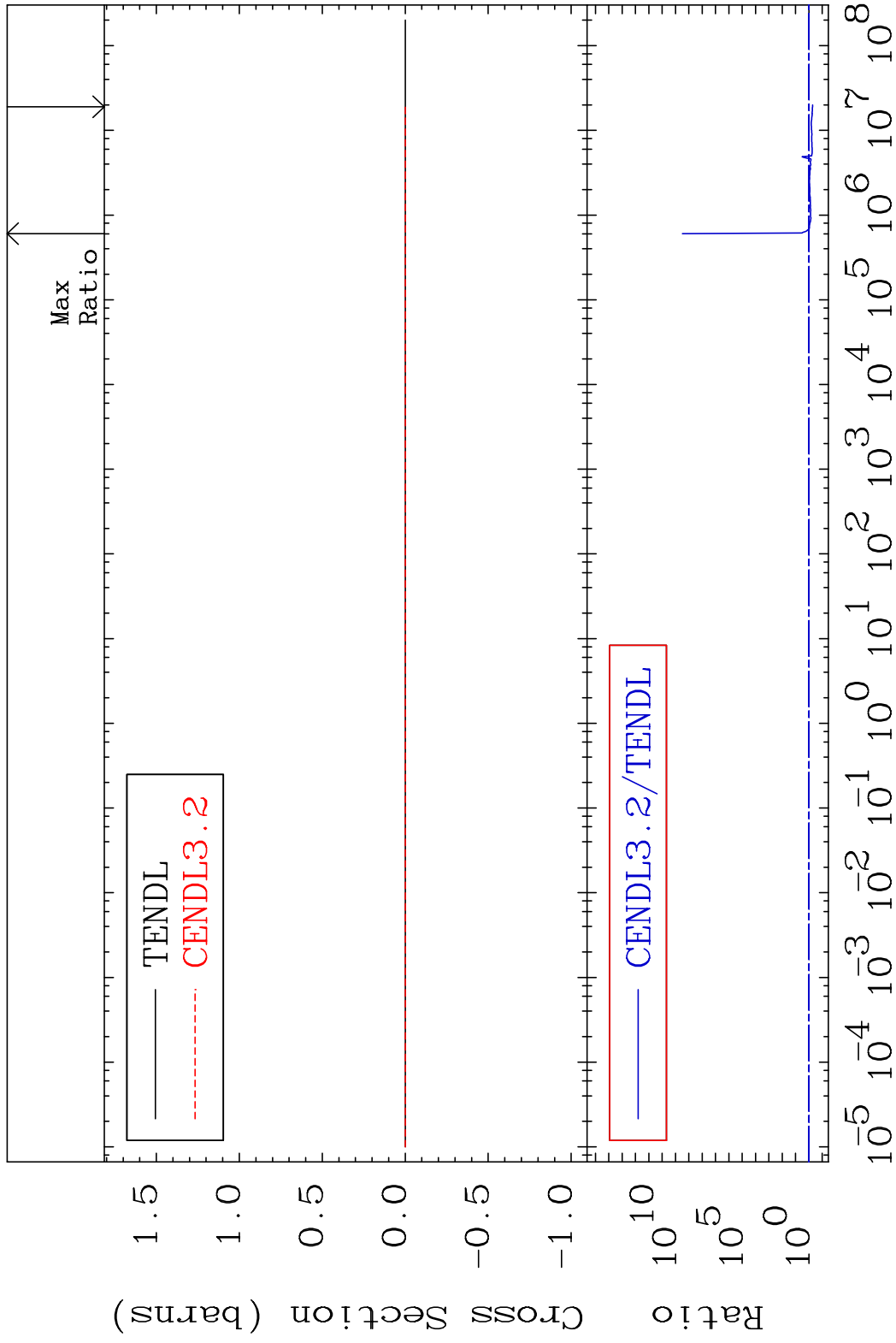


50 Incident Energy (eV) 32-Ge-74

MAT 3237 Kerma inelastic (mt51-91) 32-Ge-74
 Cross Section -46.79 To 9999. %

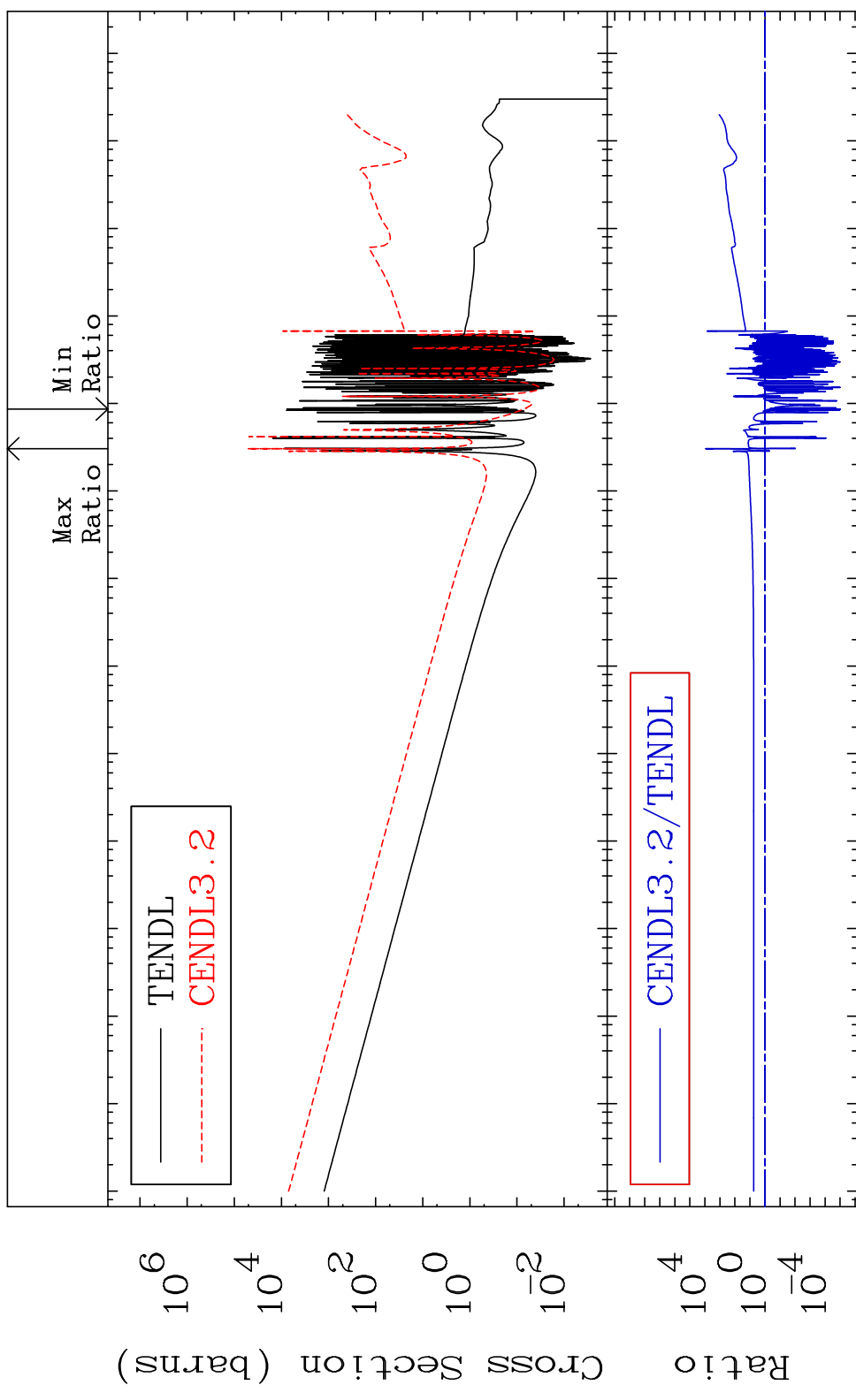


MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74
 Cross Section -46.79 To 9999. %

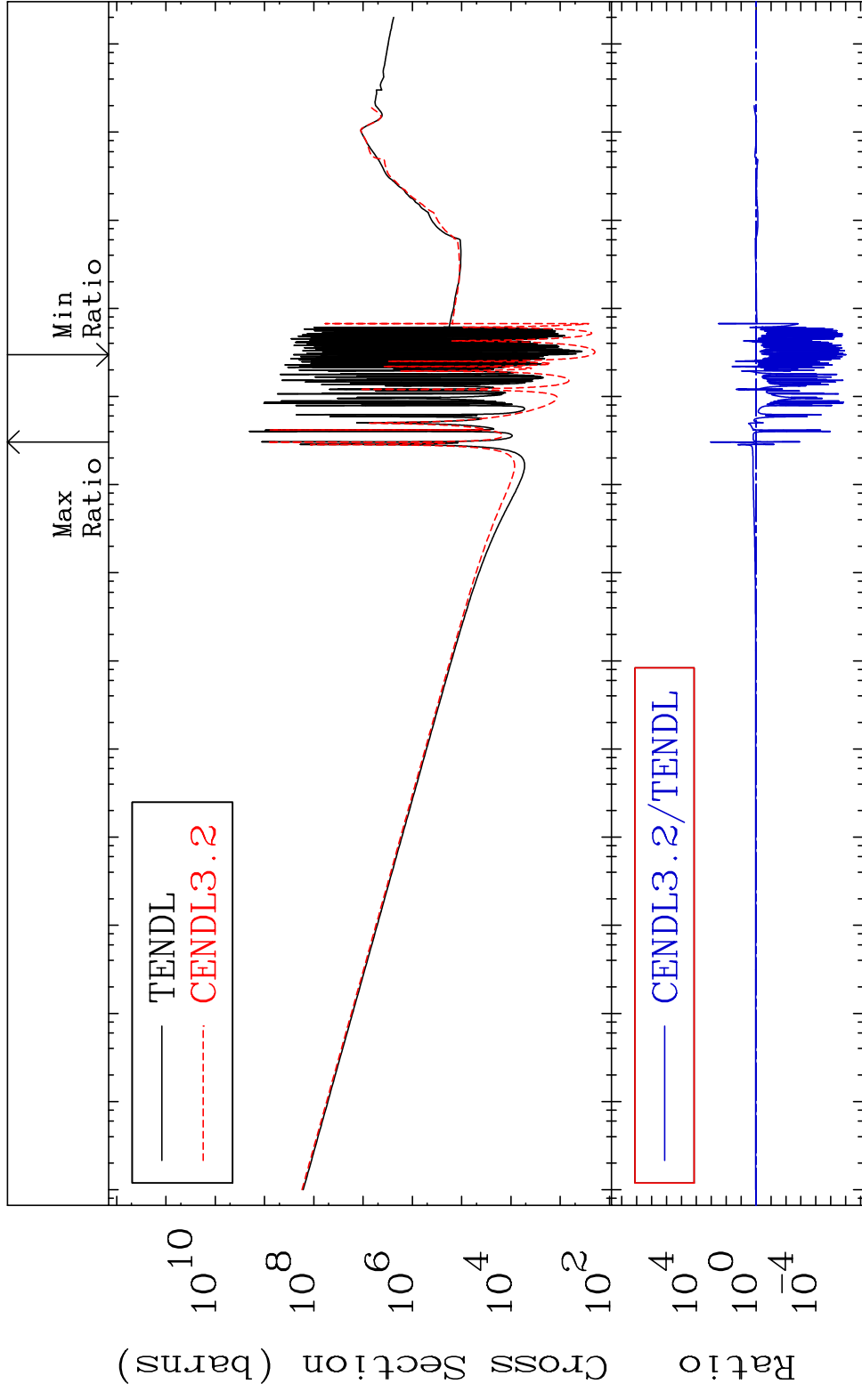


MAT 3237

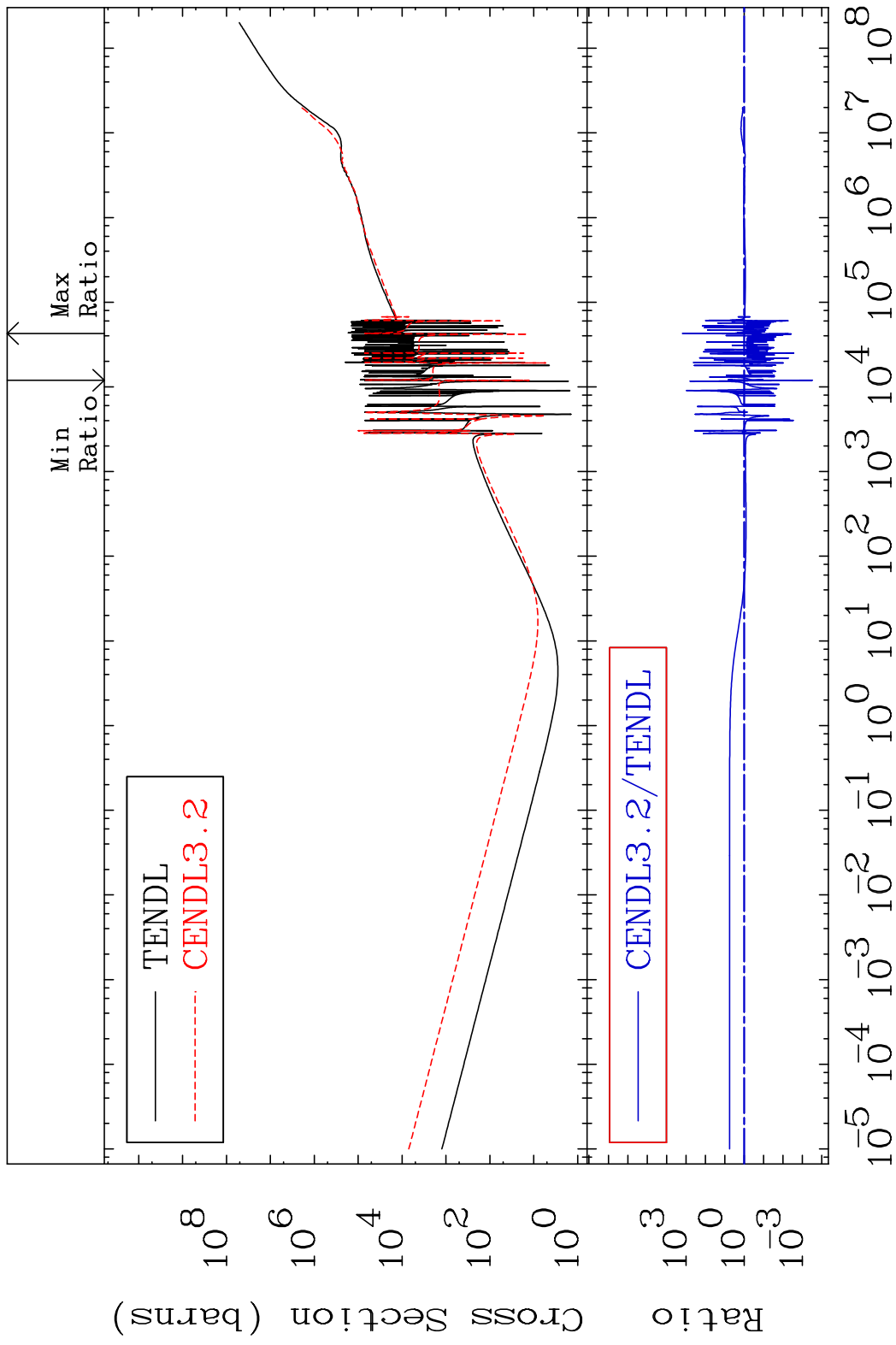
Kerma capture (mt102) 32-Ge-74
Cross Section -100.0 To 9999. %



MAT 3237 Total photon (eV-barns) 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
 Cross Section -99.97 To 9999. %

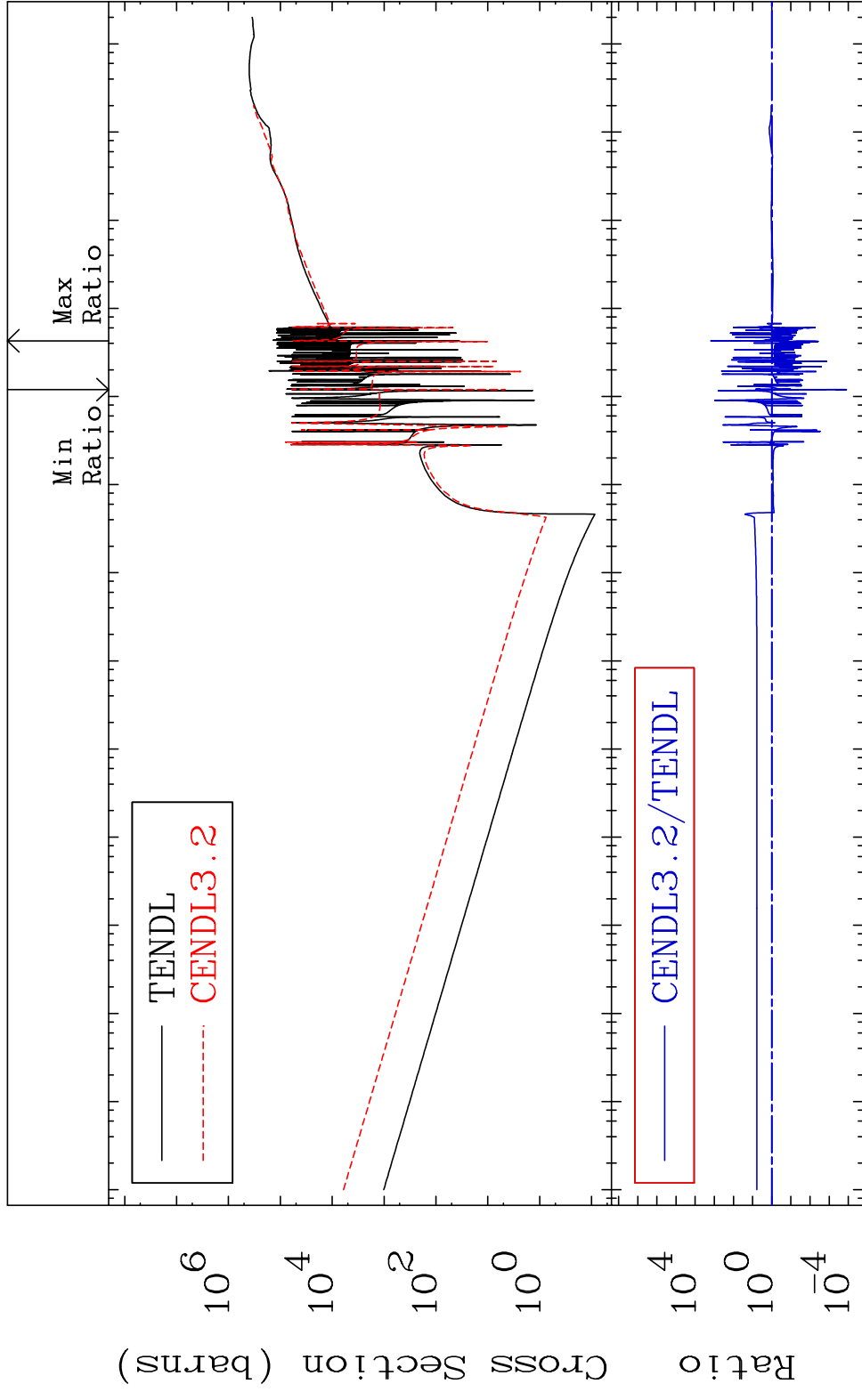


MAT 3237

Dpa total (eV-barns)

32-Ge-74

Cross Section -99.99 To 9999. %



56

Incident Energy (eV)

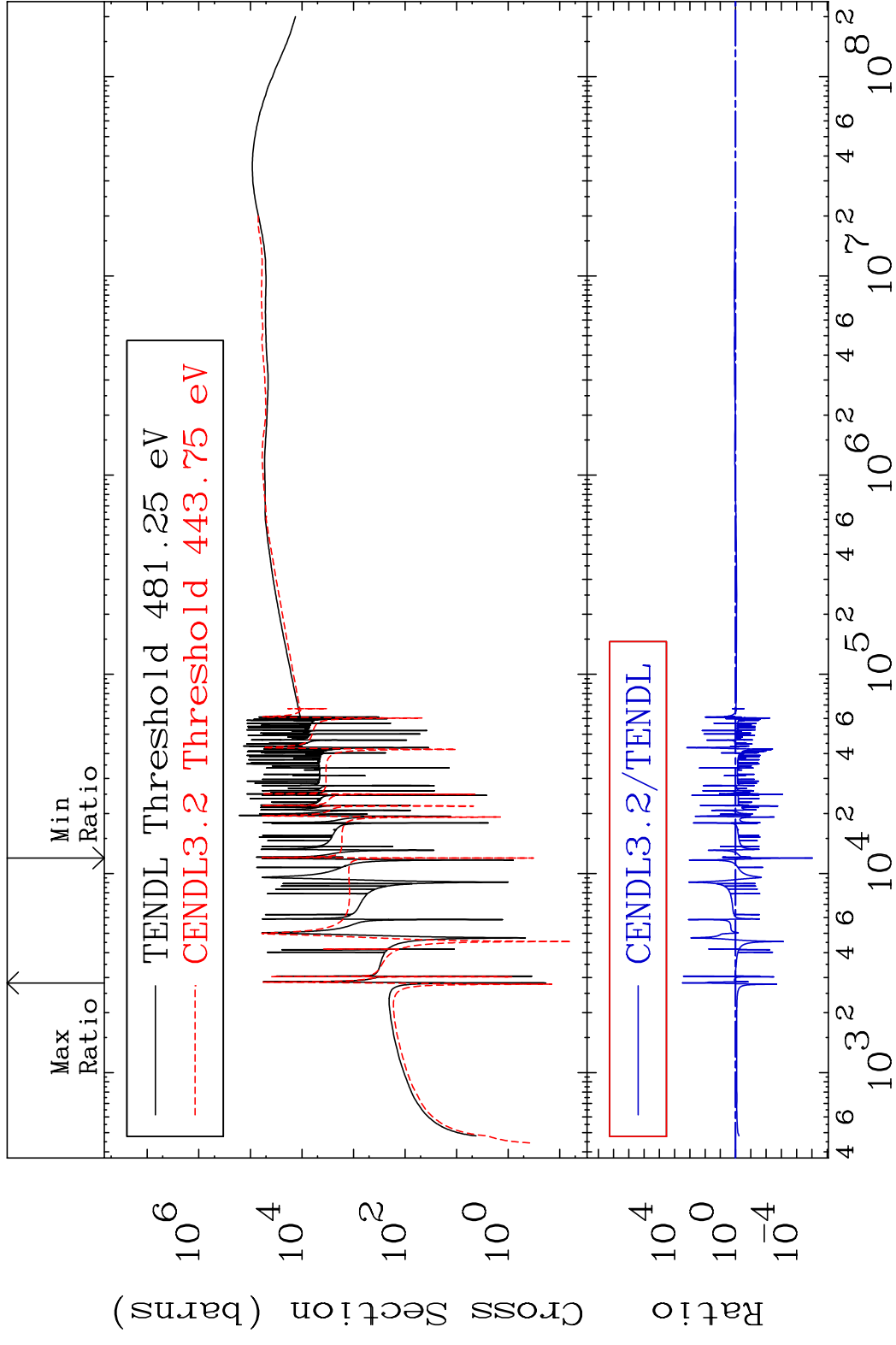
32-Ge-74

MAT 3237

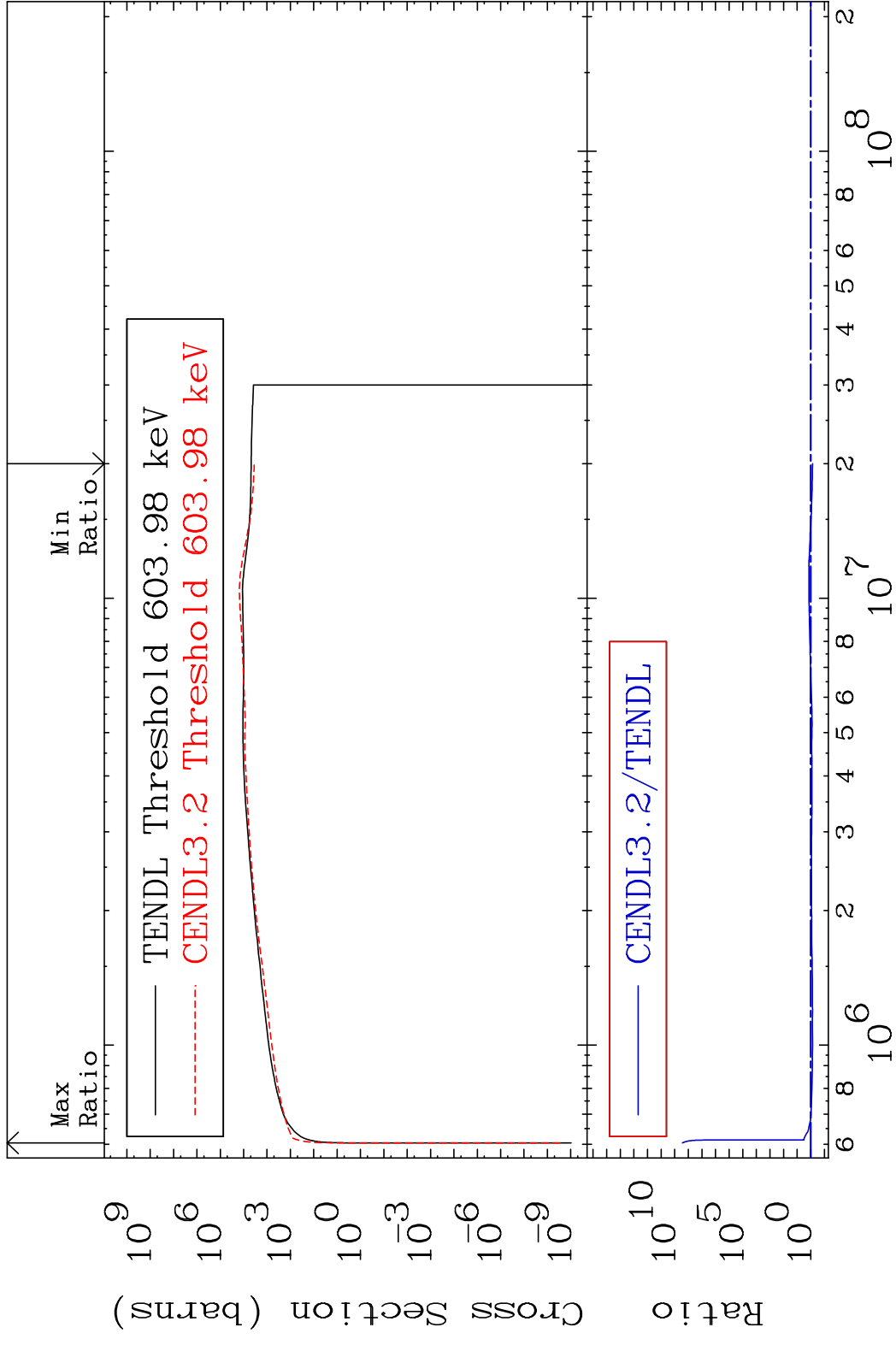
Dpa elastic (mt2)

32-Ge-74

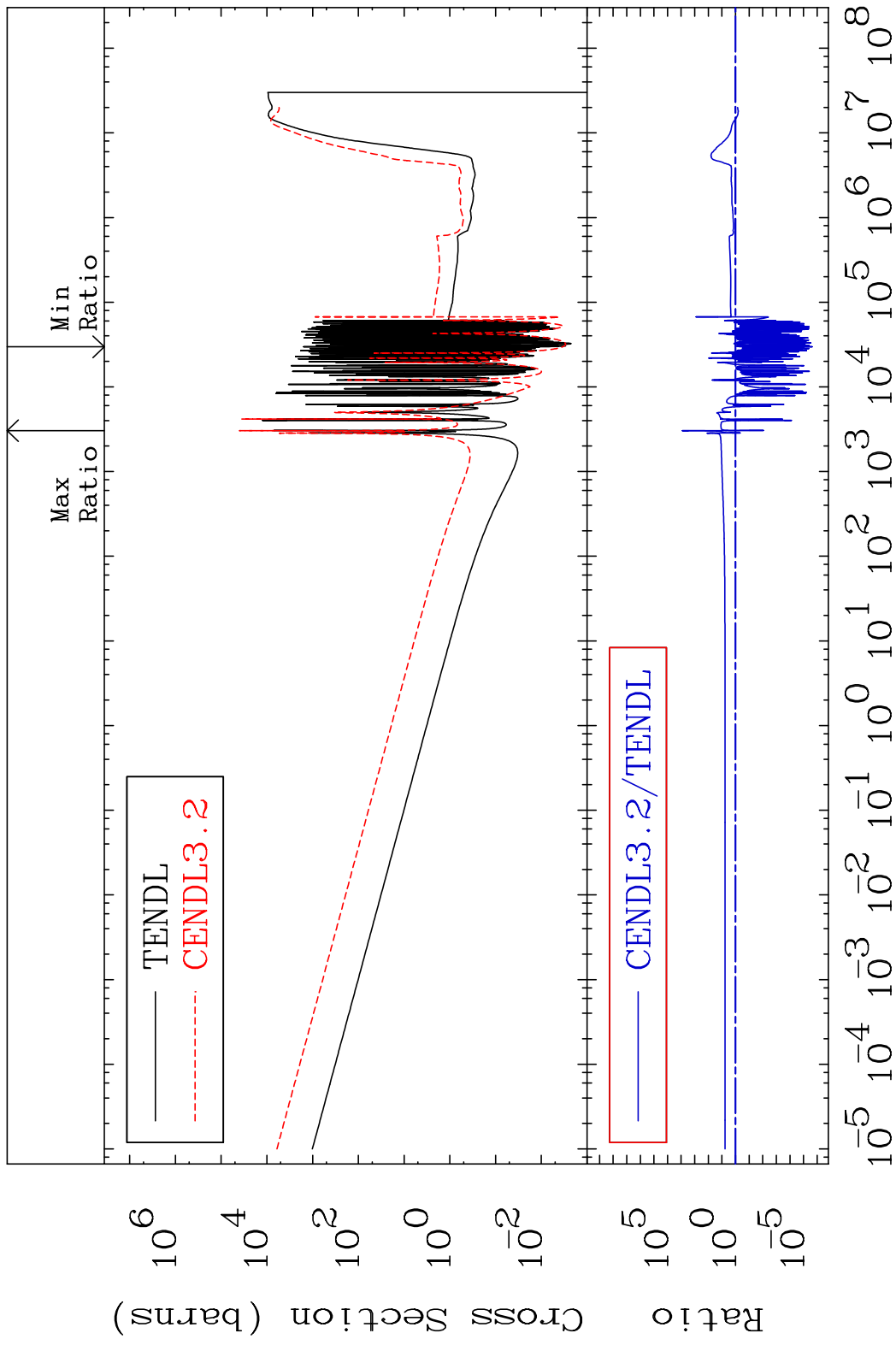
Cross Section -100.0 To 9999. %



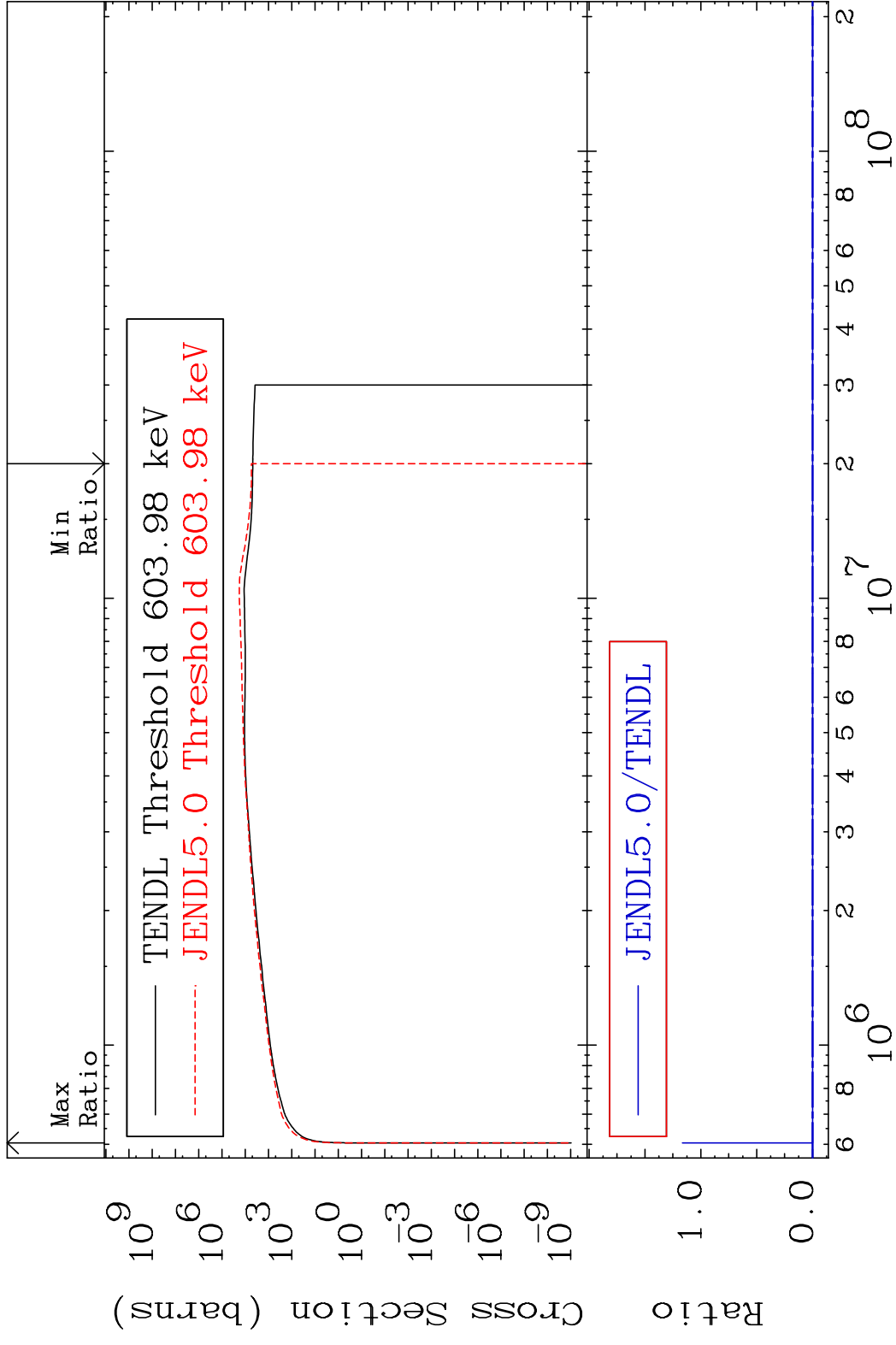
MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
 Cross Section -25.99 To 9999. %



MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
 Cross Section -100.0 To 9999. %

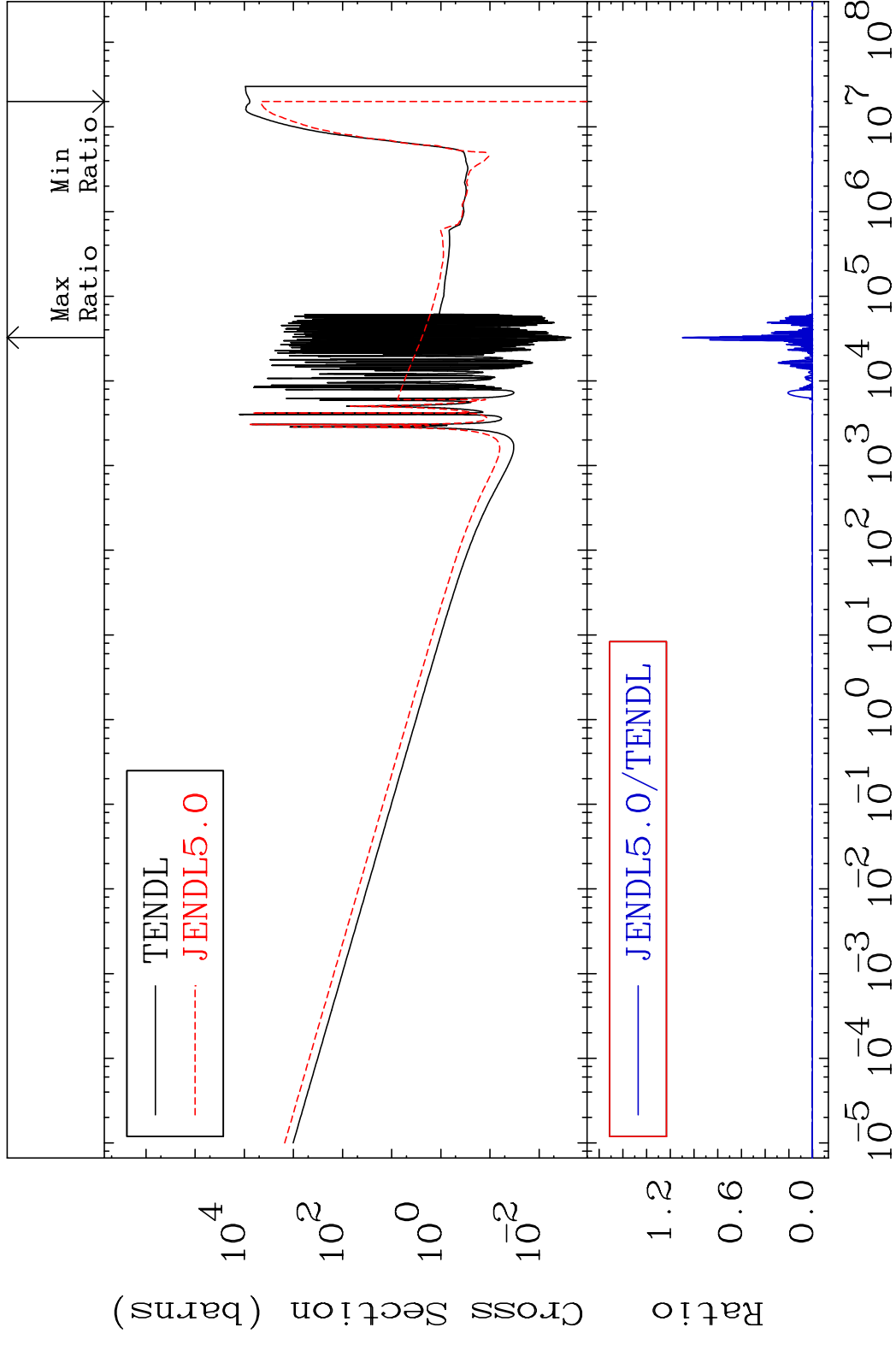


MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
Cross Section -100.0 To 9999. %

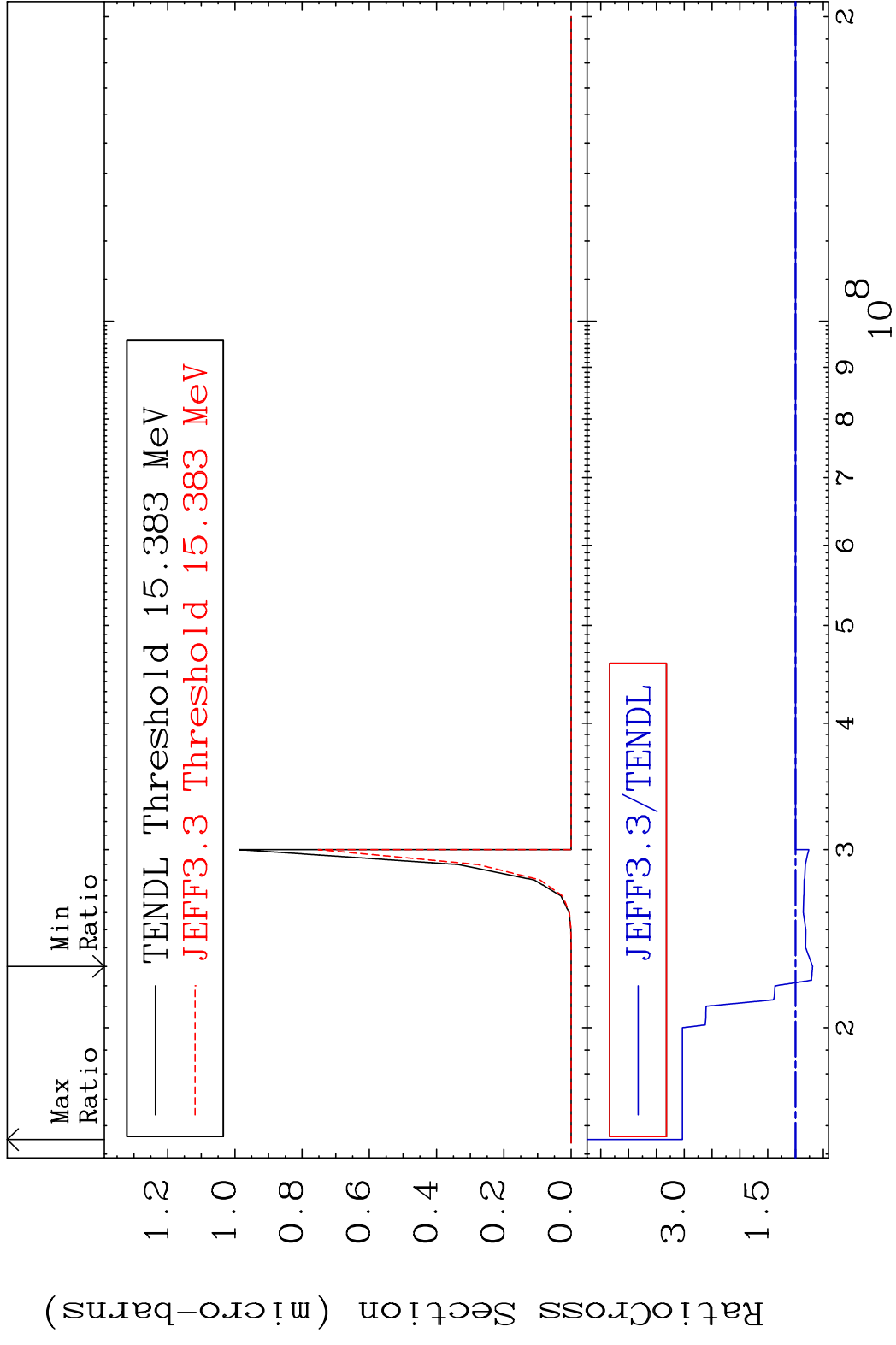


60 Incident Energy (eV) 32-Ge-74

MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 (n,d) α 32-Ge-74
 Cross Section -30.77 To 203.3 %

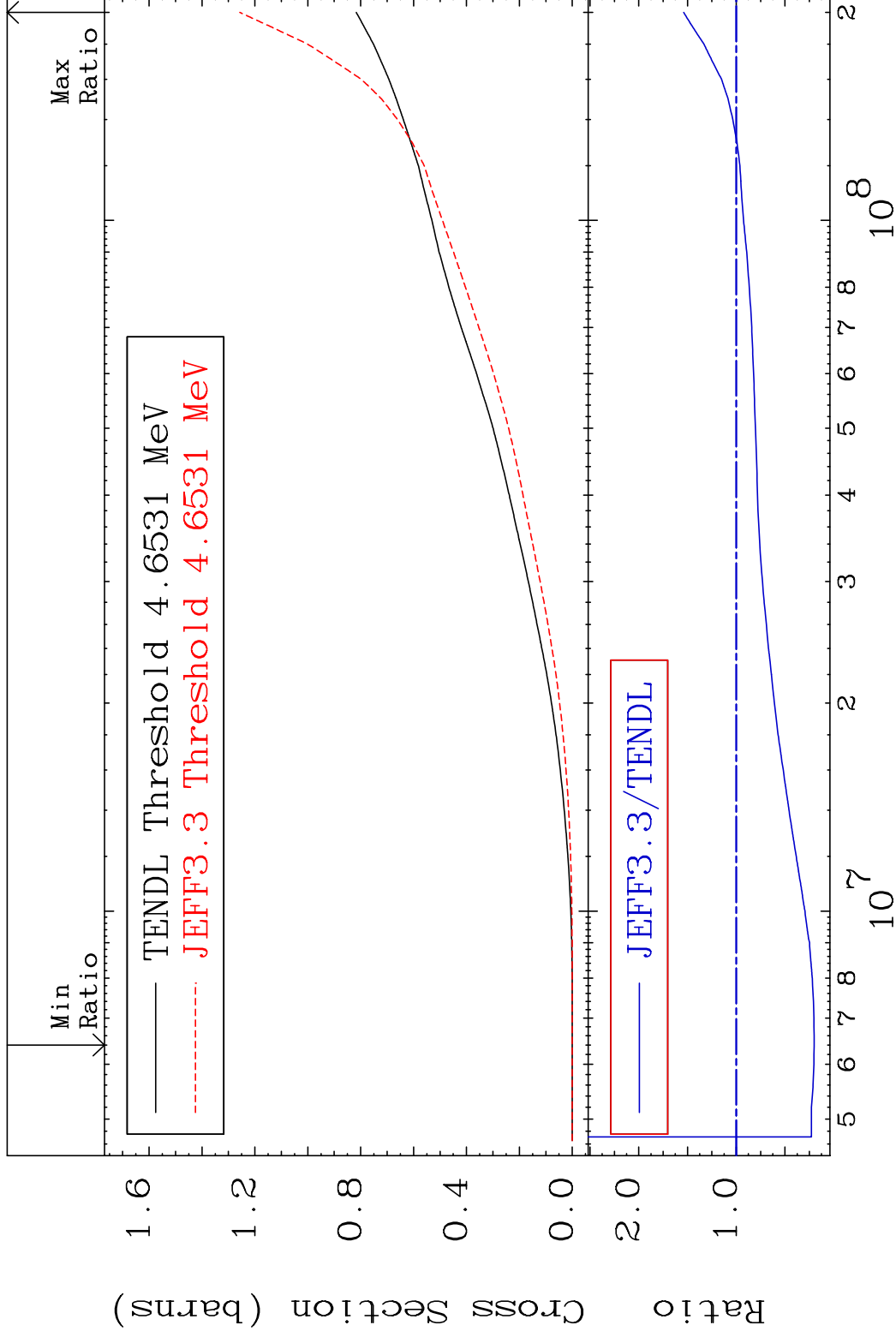


MAT 3237

Hydrogen Production

32-Ge-74

Cross Section -79.92 To 53.94 %



63

Incident Energy (eV)

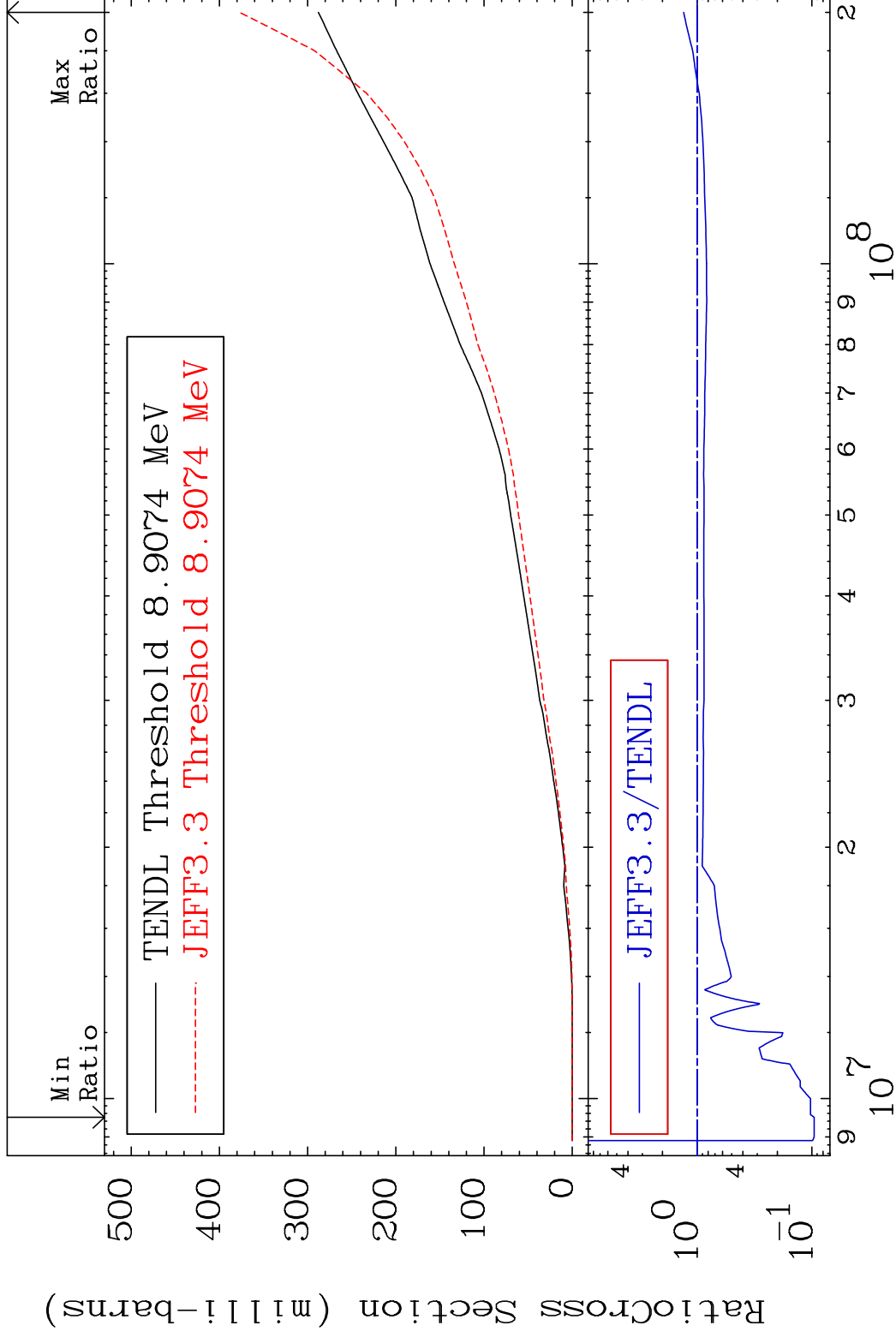
32-Ge-74

MAT 3237

Deuterium Production

32-Ge-74

Cross Section -90.42 To 30.98 %



64

Incident Energy (eV)

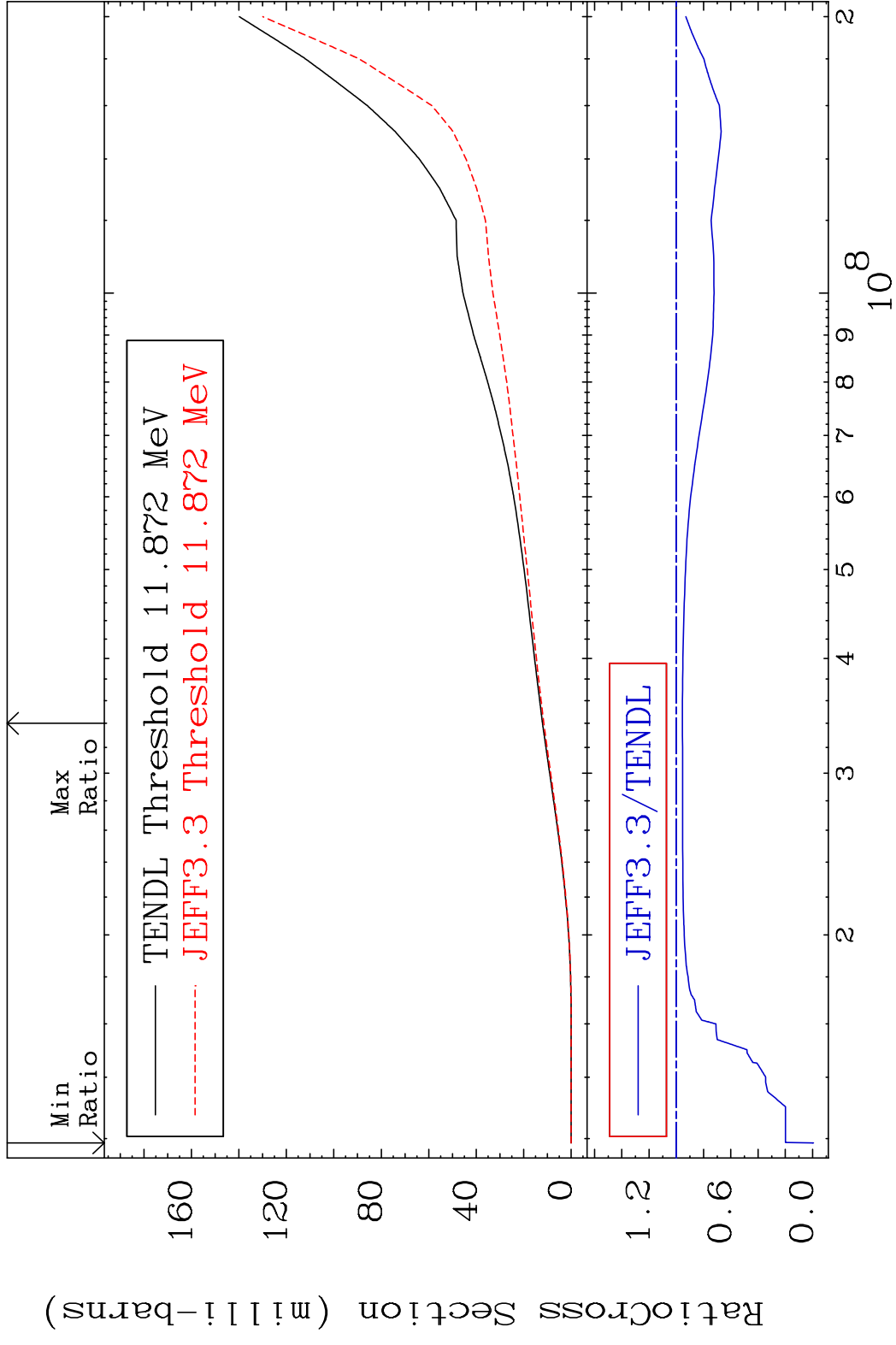
32-Ge-74

MAT 3237

Tritium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To -4.449%

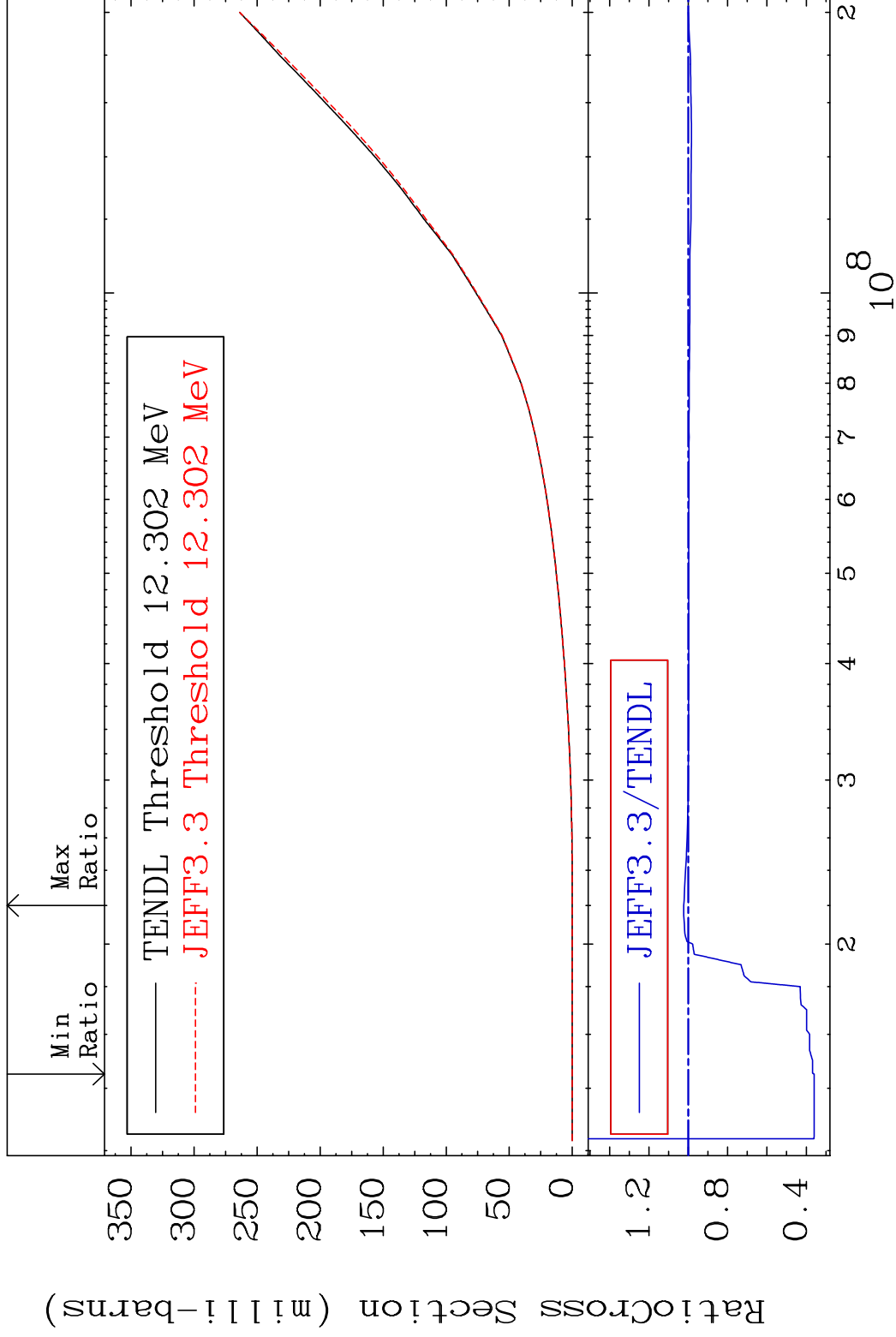


MAT 3237

He-3 Production

32-Ge-74

Cross Section -63.98 To 2.354 %



66

Incident Energy (eV)

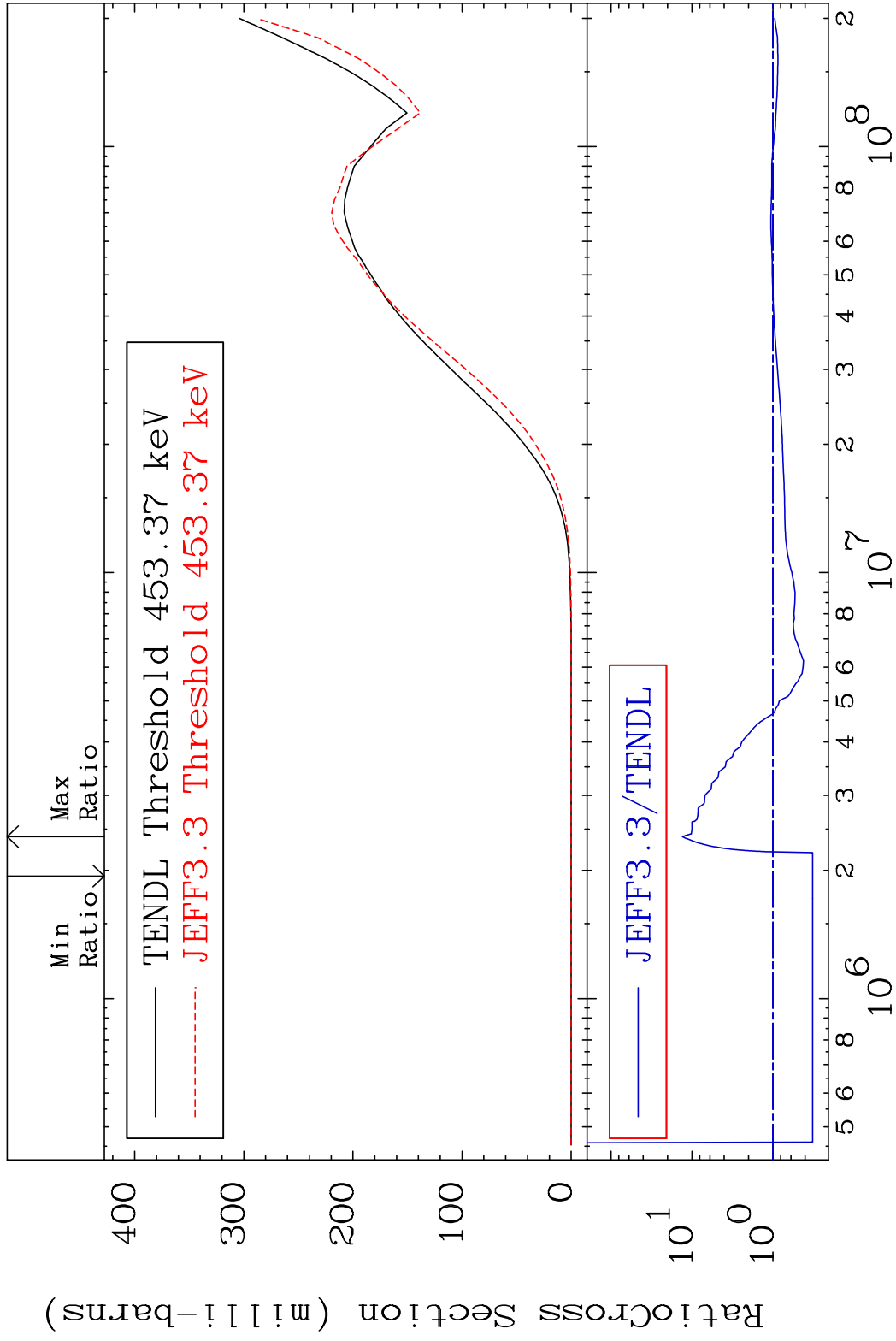
32-Ge-74

MAT 3237

He-4 Production

32-Ge-74

Cross Section -67.64 To 1212. %

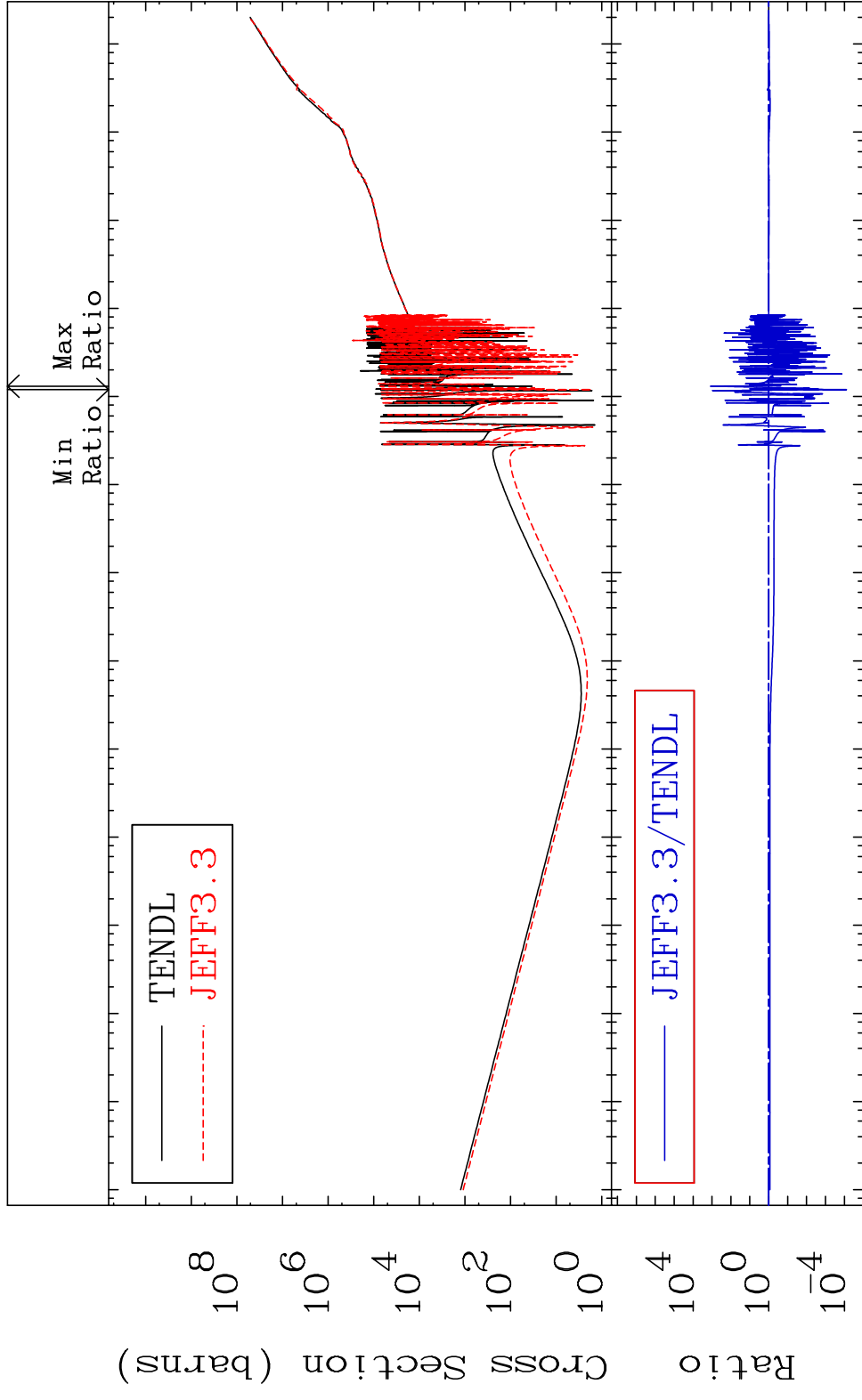


67

Incident Energy (eV)

32-Ge-74

MAT 3237 Kerma total (eV-barns) 32-Ge-74
 Cross Section -99.99 To 9999. %



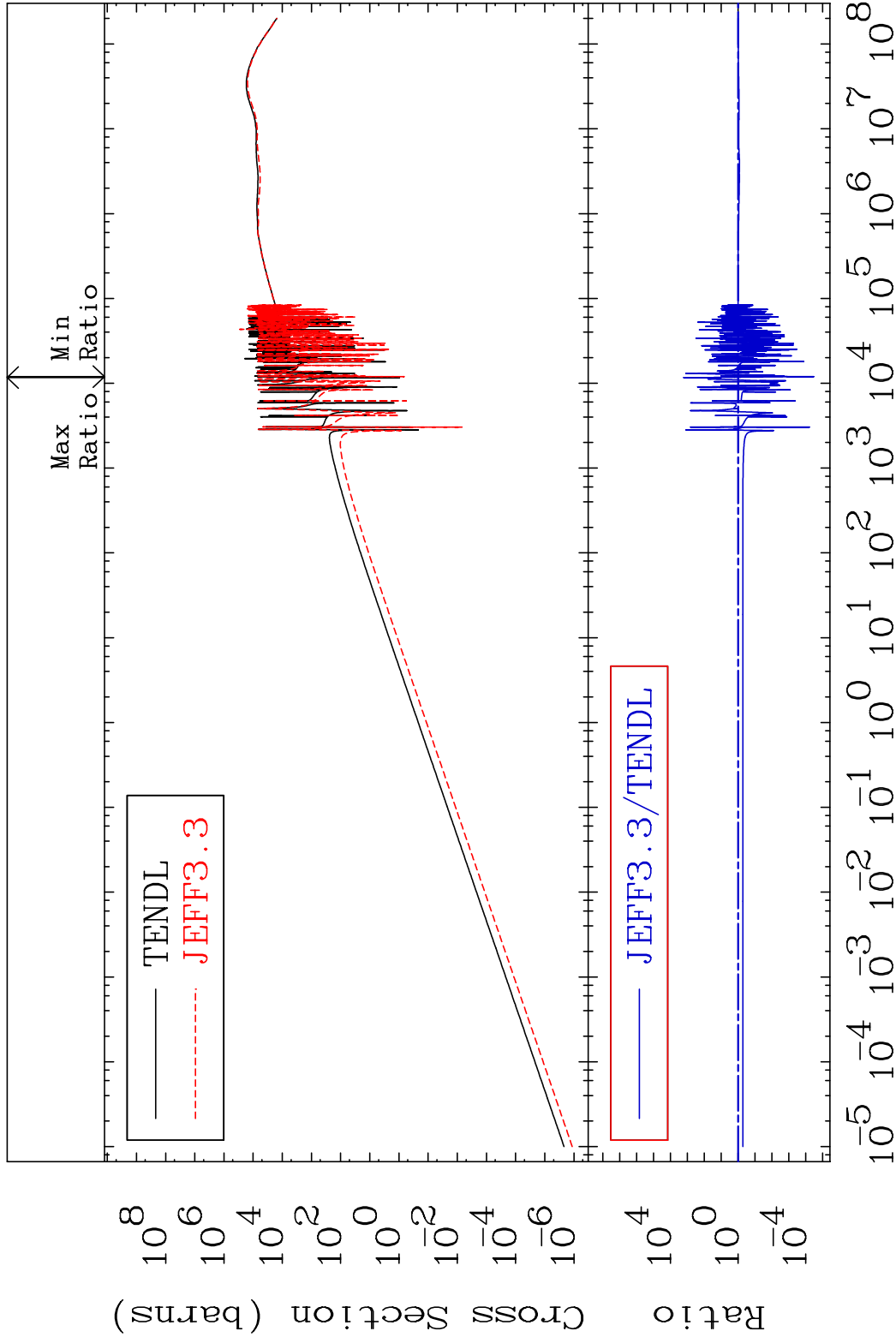
Ratio
 Cross Section (barns)
 Incident Energy (eV)

MAT 3237

Kerma elastic

$^{32}\text{Ge-74}$

Cross Section -100.0 To 9999. %

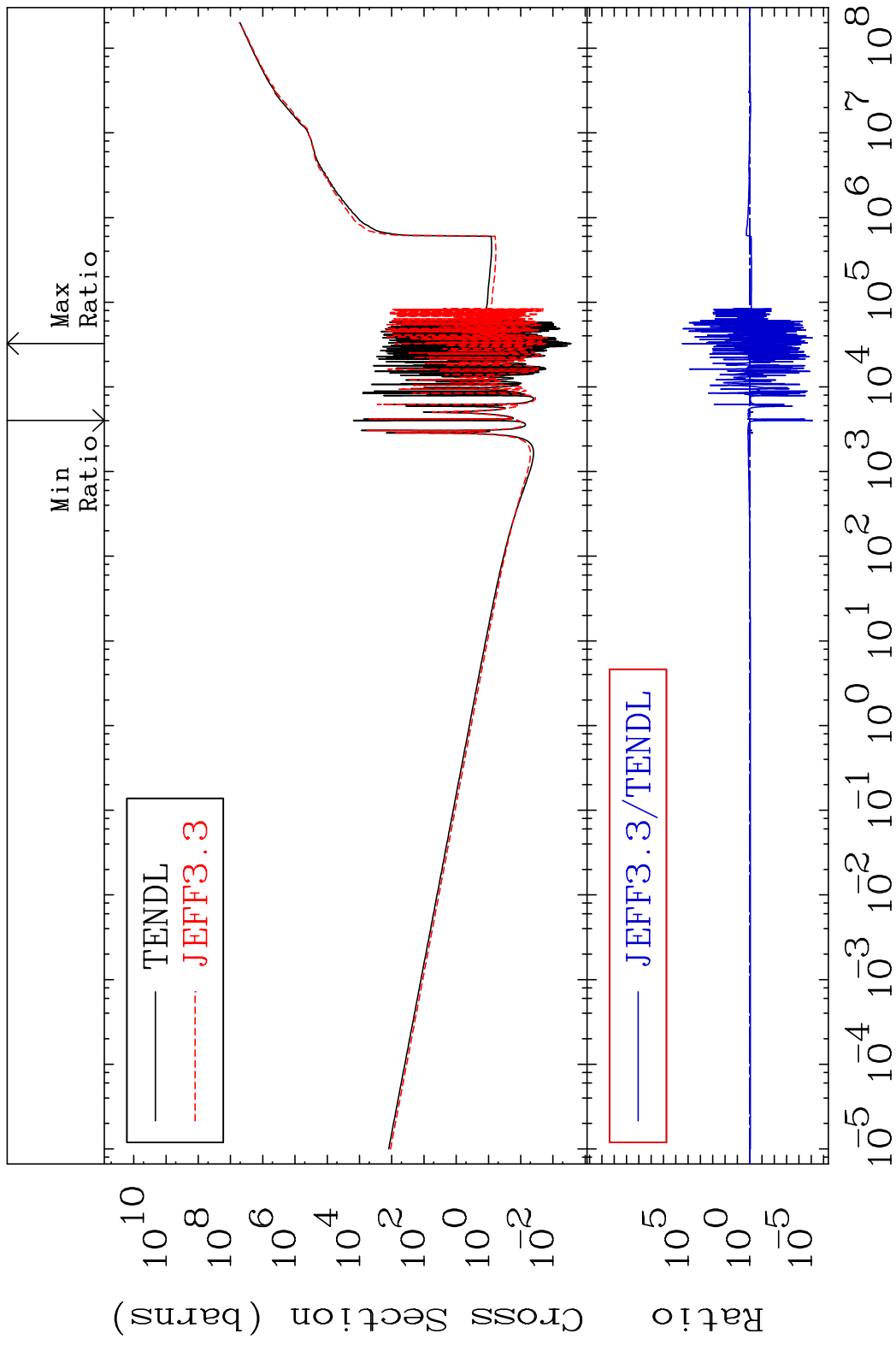


69

Incident Energy (eV)

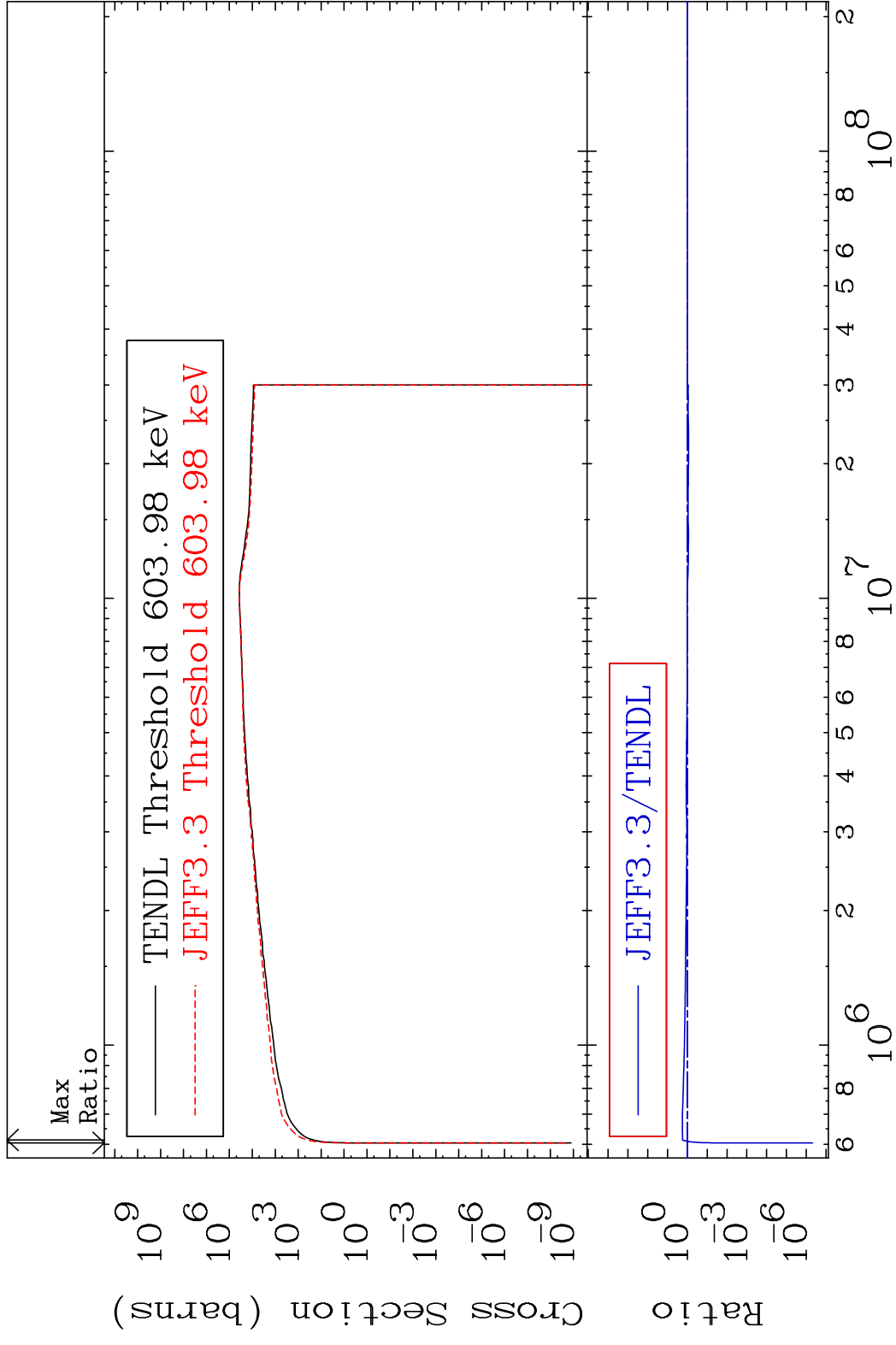
$^{32}\text{Ge-74}$

MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74
 Cross Section -100.0 To 9999. %

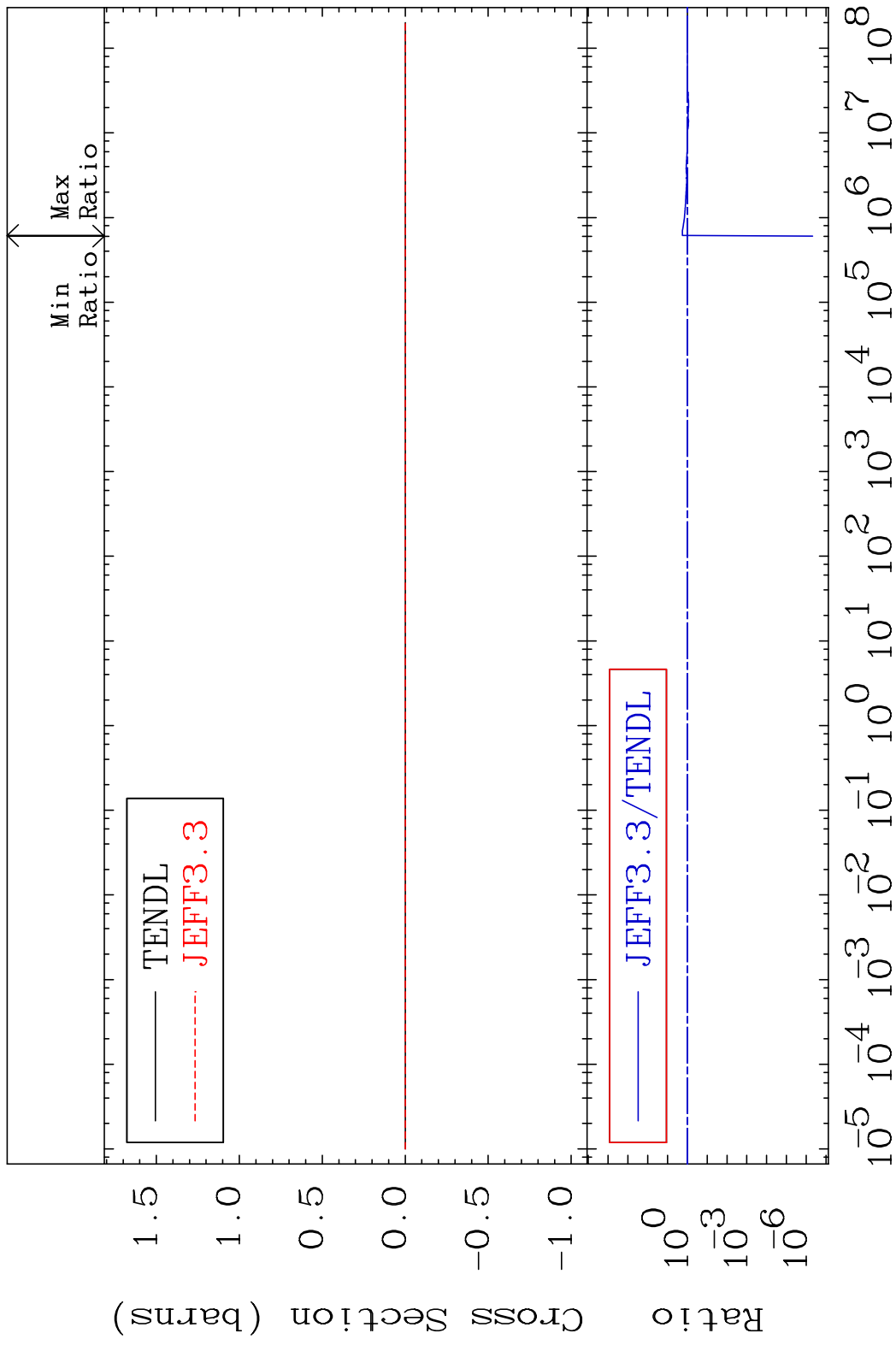


70 Incident Energy (eV) 32-Ge-74

MAT 3237 Kerma inelastic (mt51-91) 32-Ge-74
 Cross Section -100.0 To 78.30 %

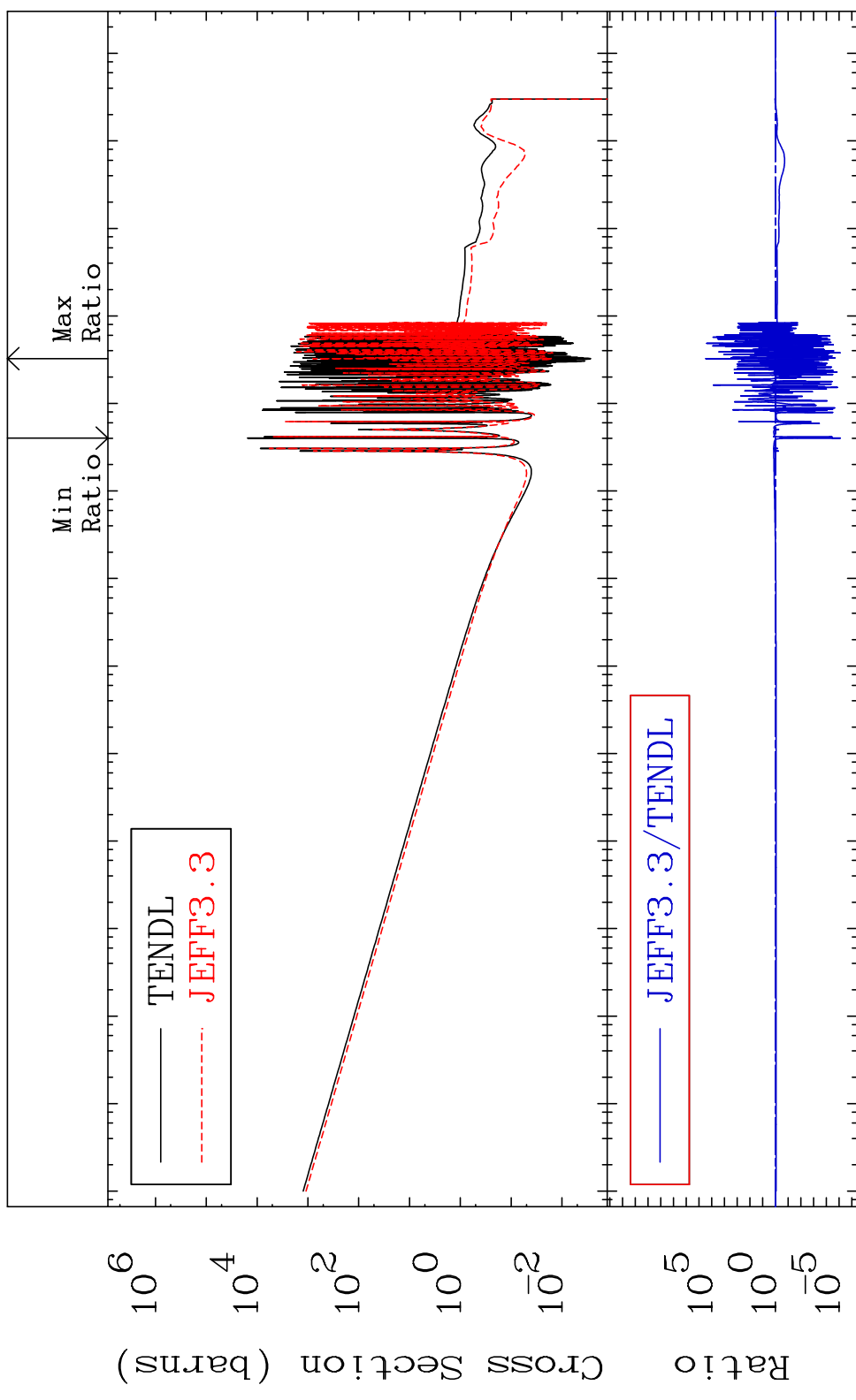


MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74
 Cross Section -100.0 To 78.30 %



MAT 3237

Kerma capture (mt102) 32-Ge-74
Cross Section -100.0 To 9999. %



73

Incident Energy (eV)

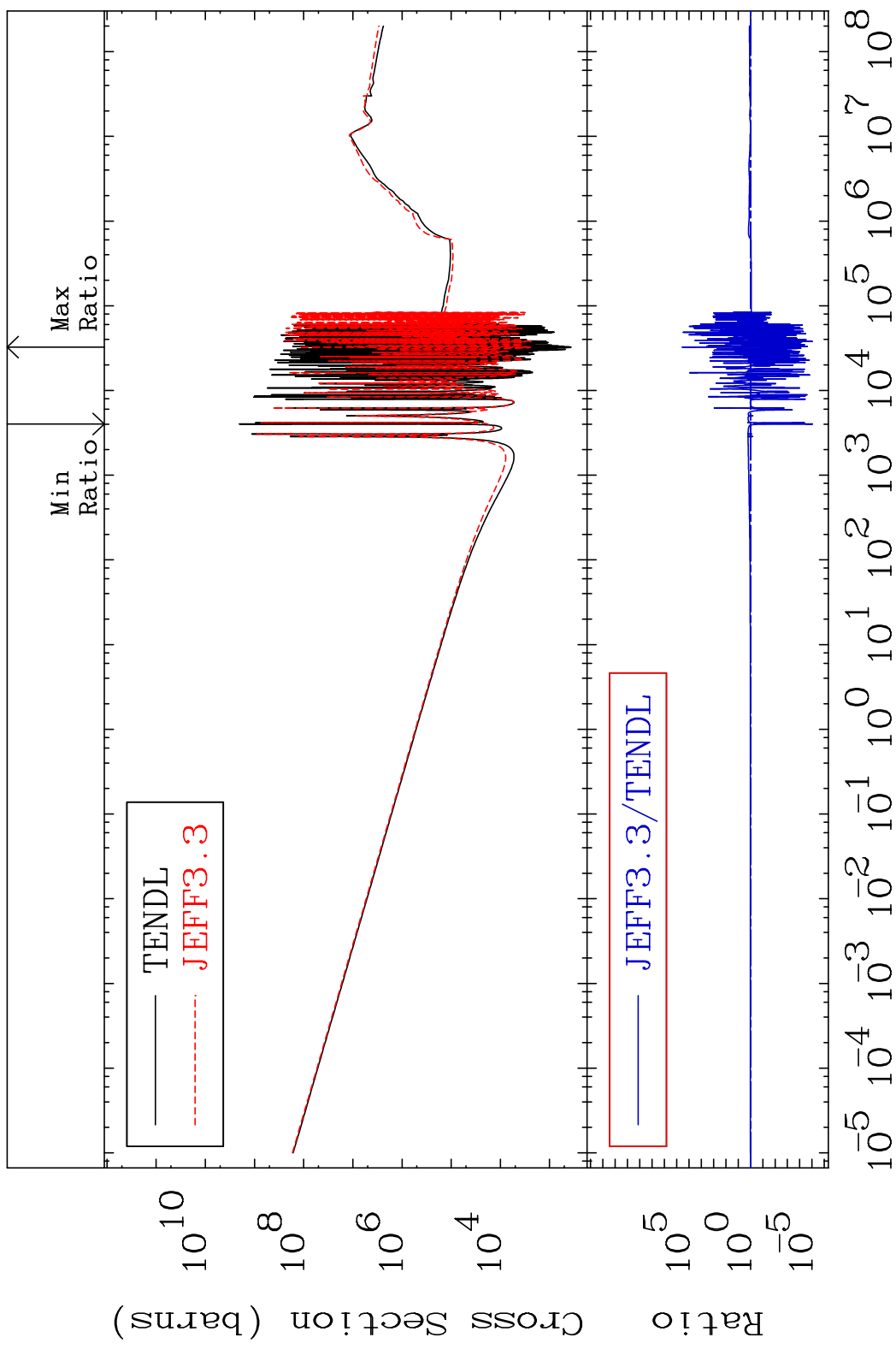
32-Ge-74

MAT 3237

Total photon (eV-barns)

32-Ge-74

Cross Section -100.0 To 9999. %

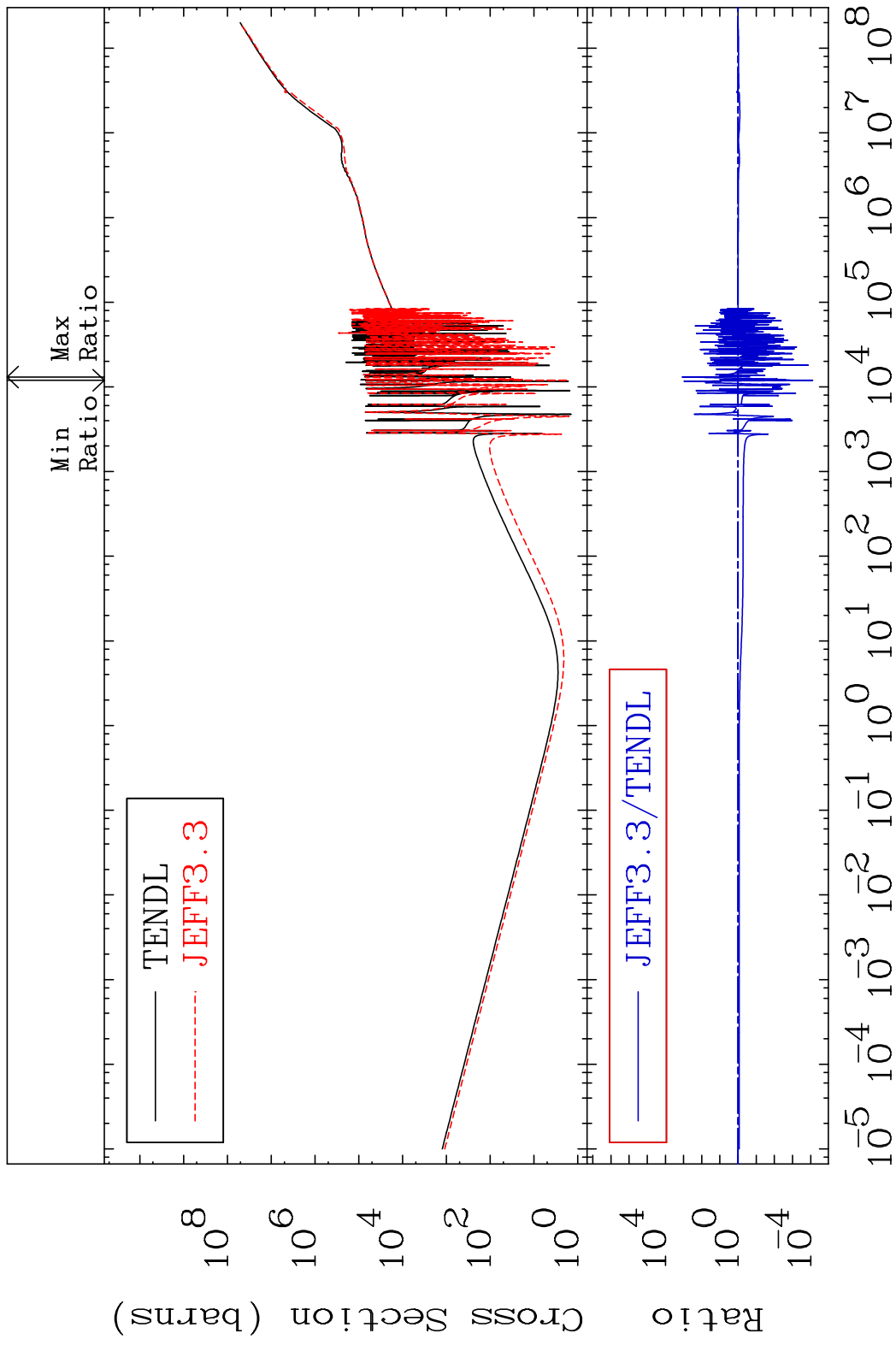


74

Incident Energy (eV)

32-Ge-74

MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
 Cross Section -99.99 To 9999. %

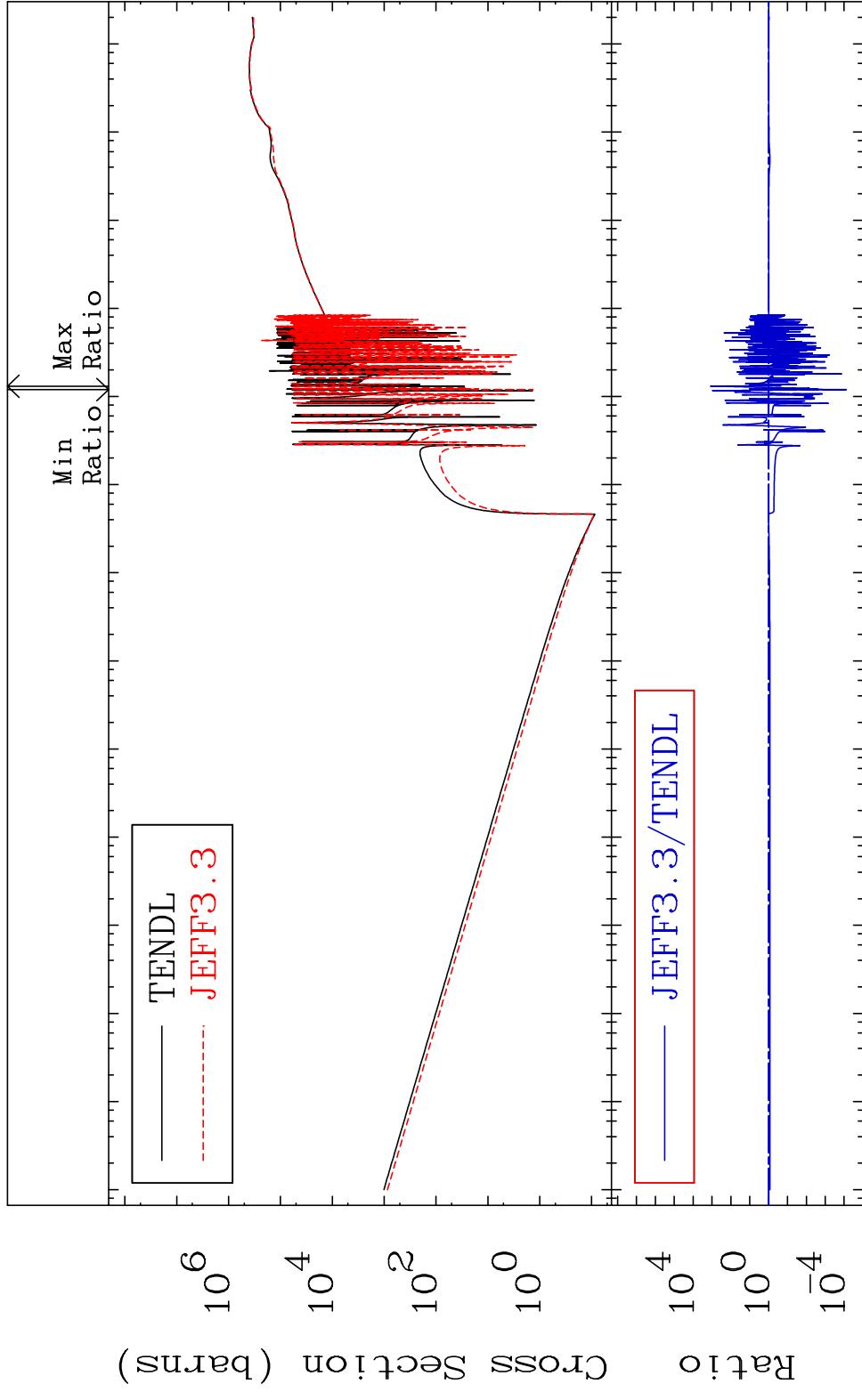


MAT 3237

Dpa total (eV-barns)

32-Ge-74

Cross Section -99.99 To 9999. %



76

Incident Energy (eV)

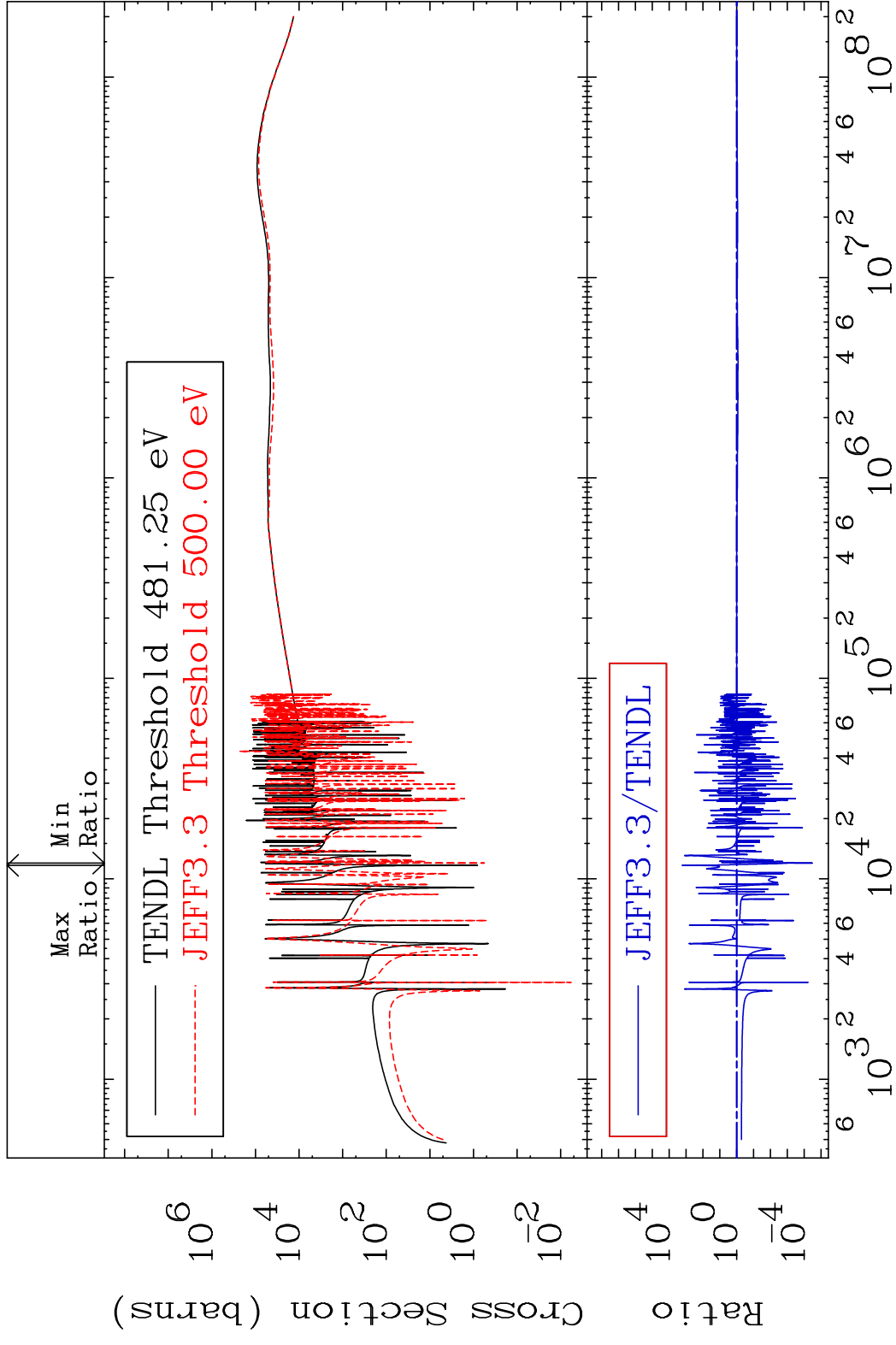
32-Ge-74

MAT 3237

Dpa elastic (mt2)

32-Ge-74

Cross Section -100.0 To 9999. %

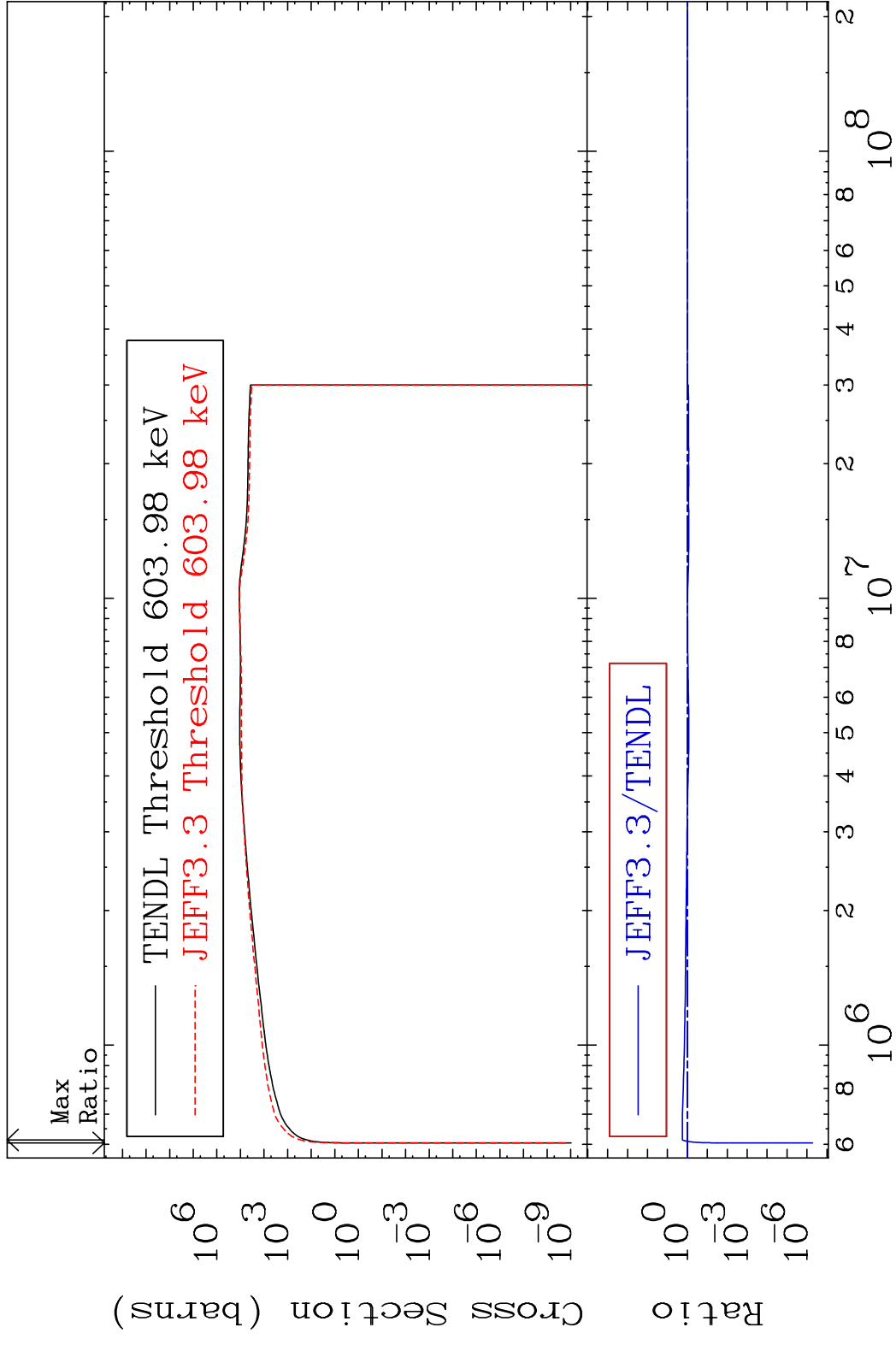


77

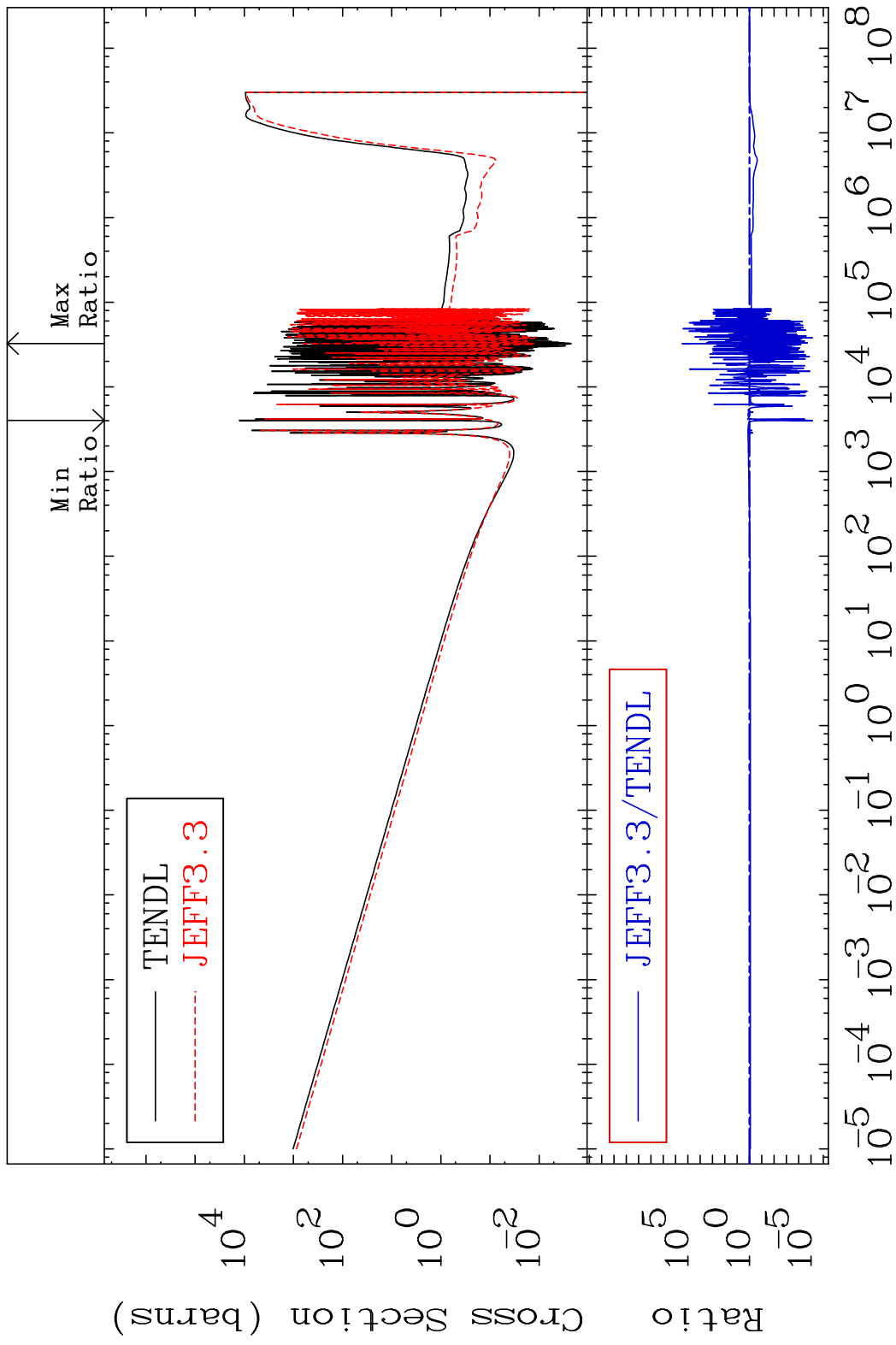
Incident Energy (eV)

32-Ge-74

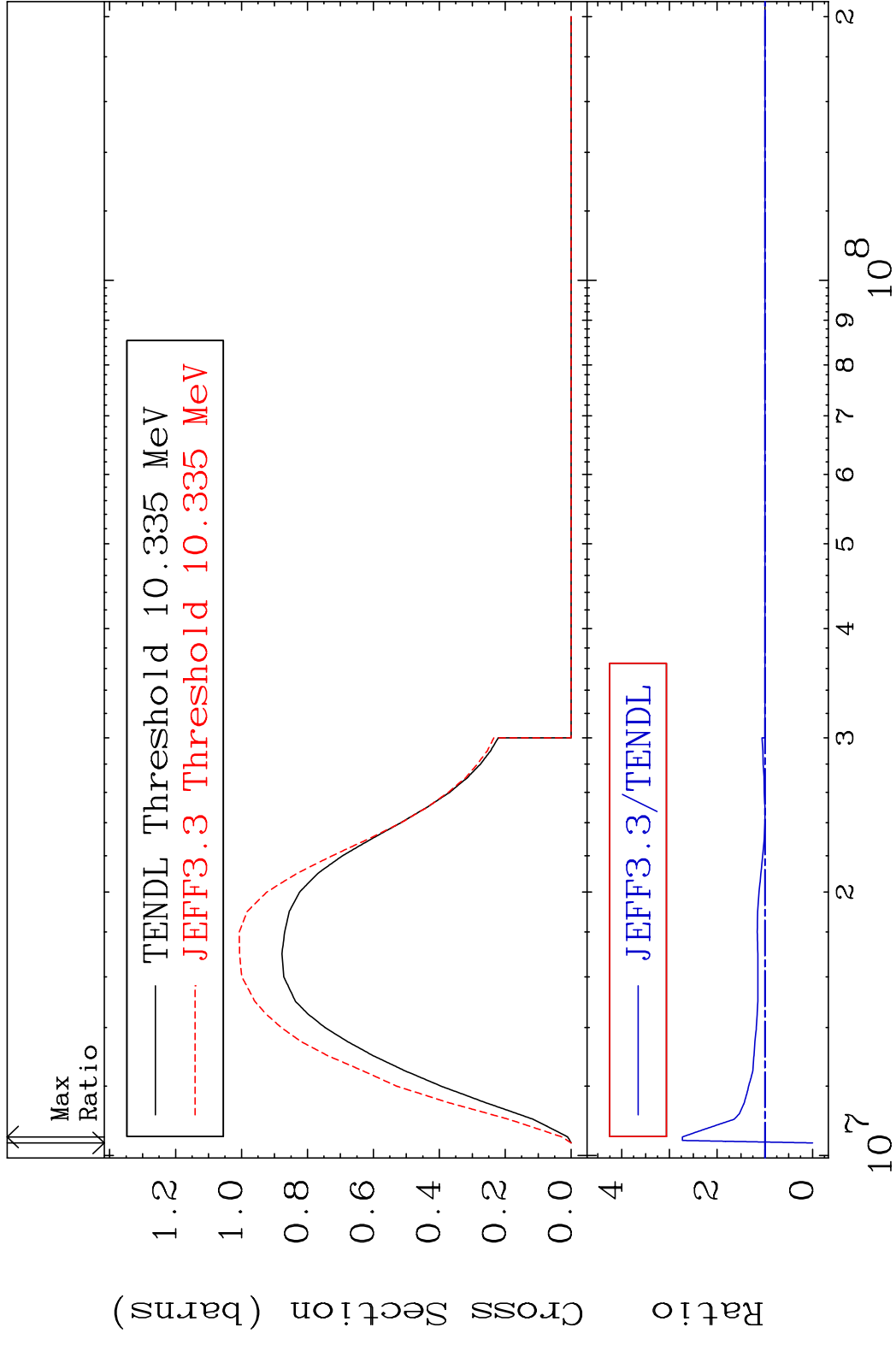
MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
 Cross Section -100.0 To 78.31 %



MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
 Cross Section -100.0 To 9999. %

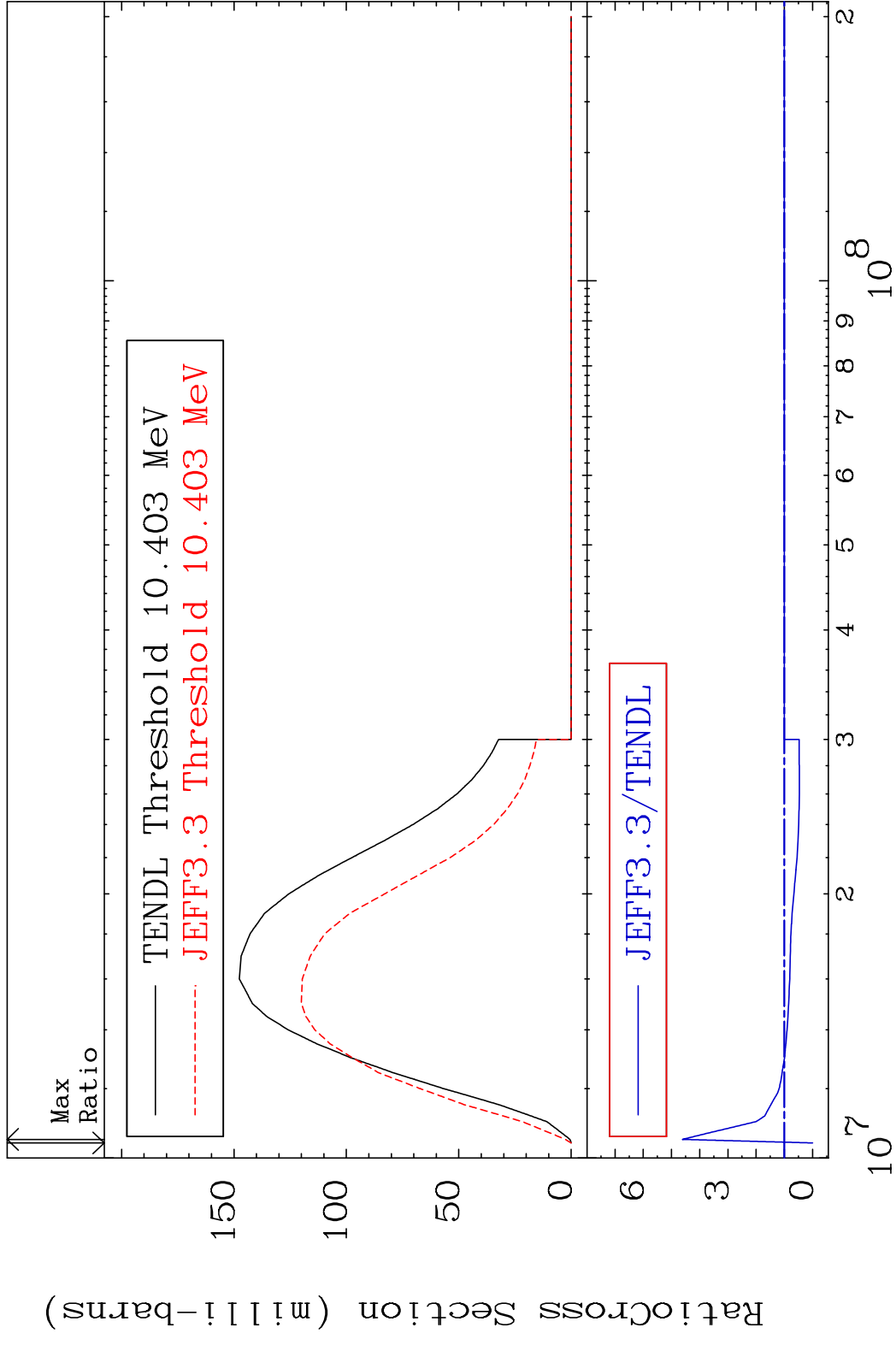


MAT 3237 (n,2n):32-Ge-73g 32-Ge-74
 Radionuclide Production Cross Section 180.0 dth 172.9 %



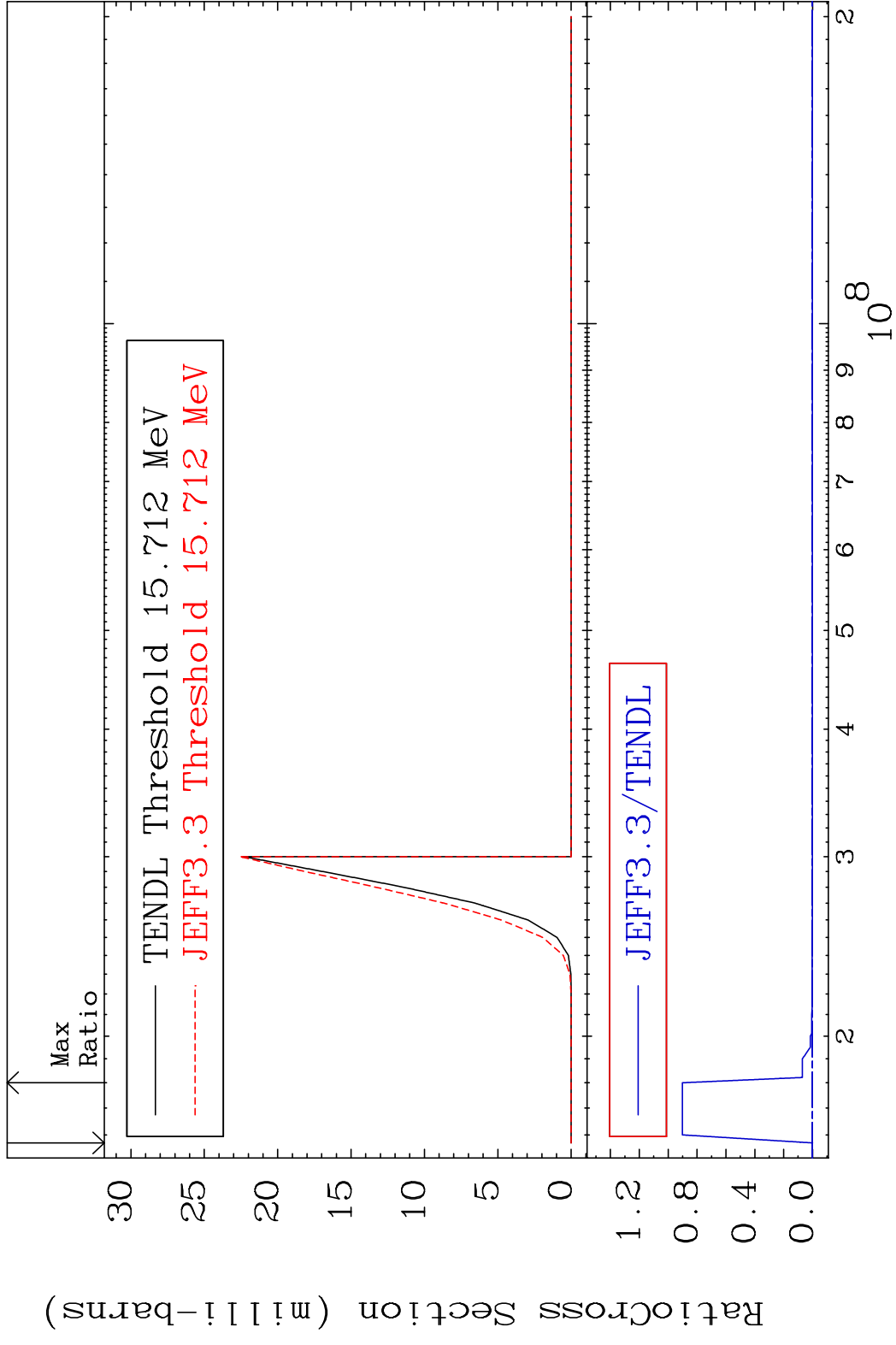
80 Incident Energy (eV) 32-Ge-74

MAT 3237 (n,2n):32-Ge-73m2 32-Ge-74
 Radionuclide Production Cross Section 180.0 dth 361.5 %

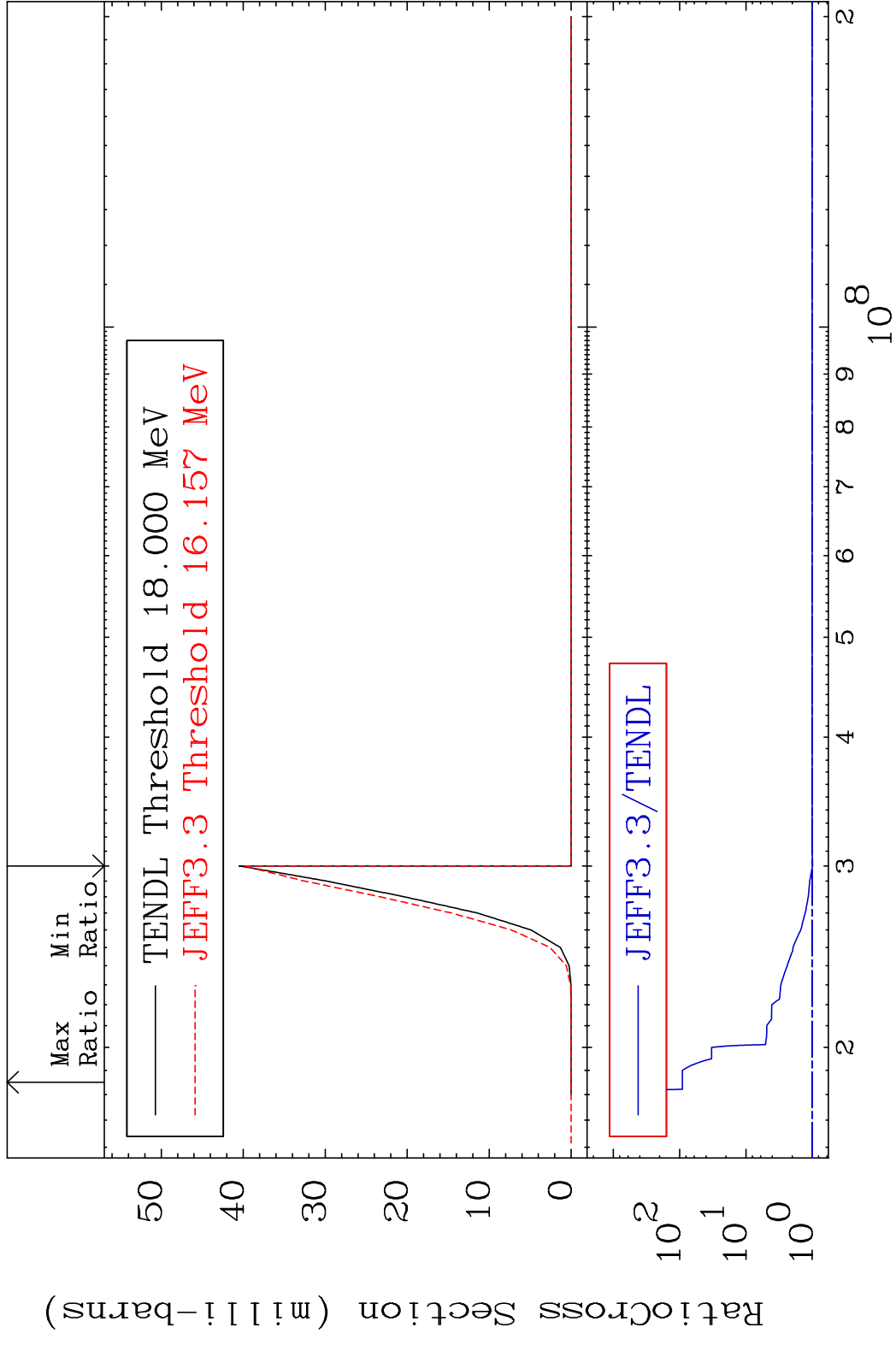


81 Incident Energy (eV) 32-Ge-74

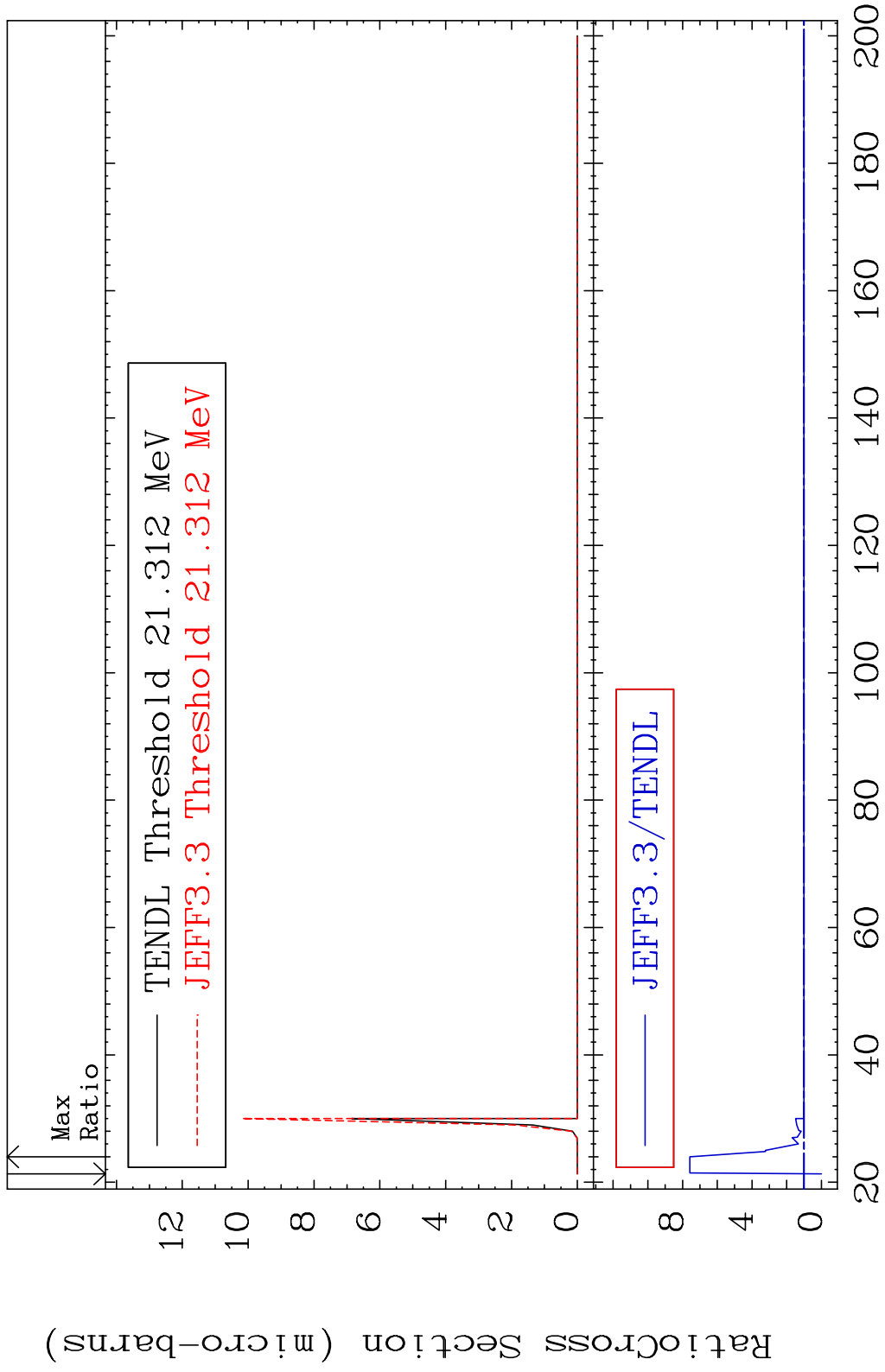
MAT 3237 (n,2n) α :30-Zn-69g 32-Ge-74
 Radionuclide Production Cross Section 1800 d to 9999. %



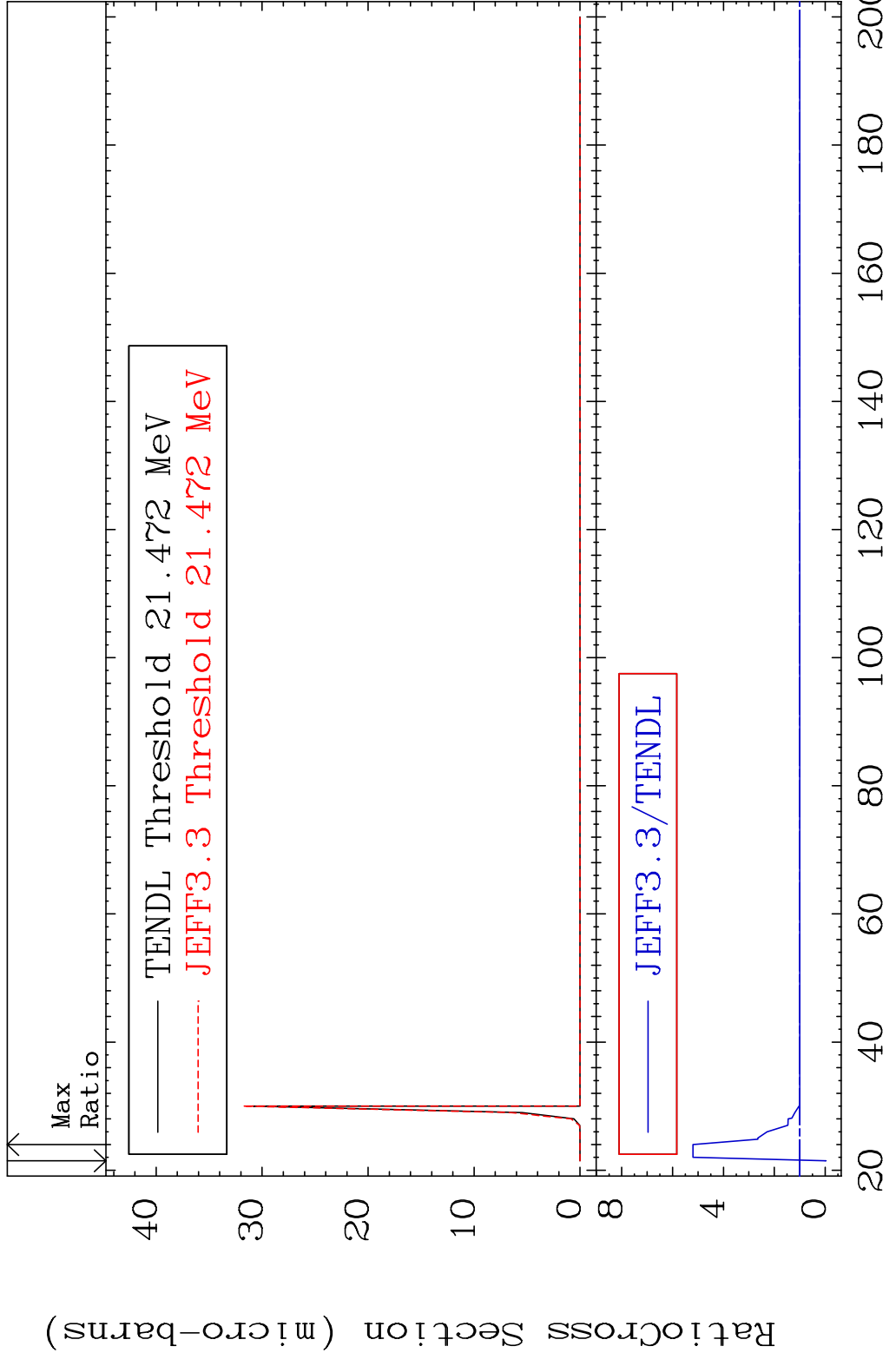
MAT 3237 (n,2n) α :30-Zn-69m1 32-Ge-74
 Radionuclide Production Cross Section 15675 dth 8999. %



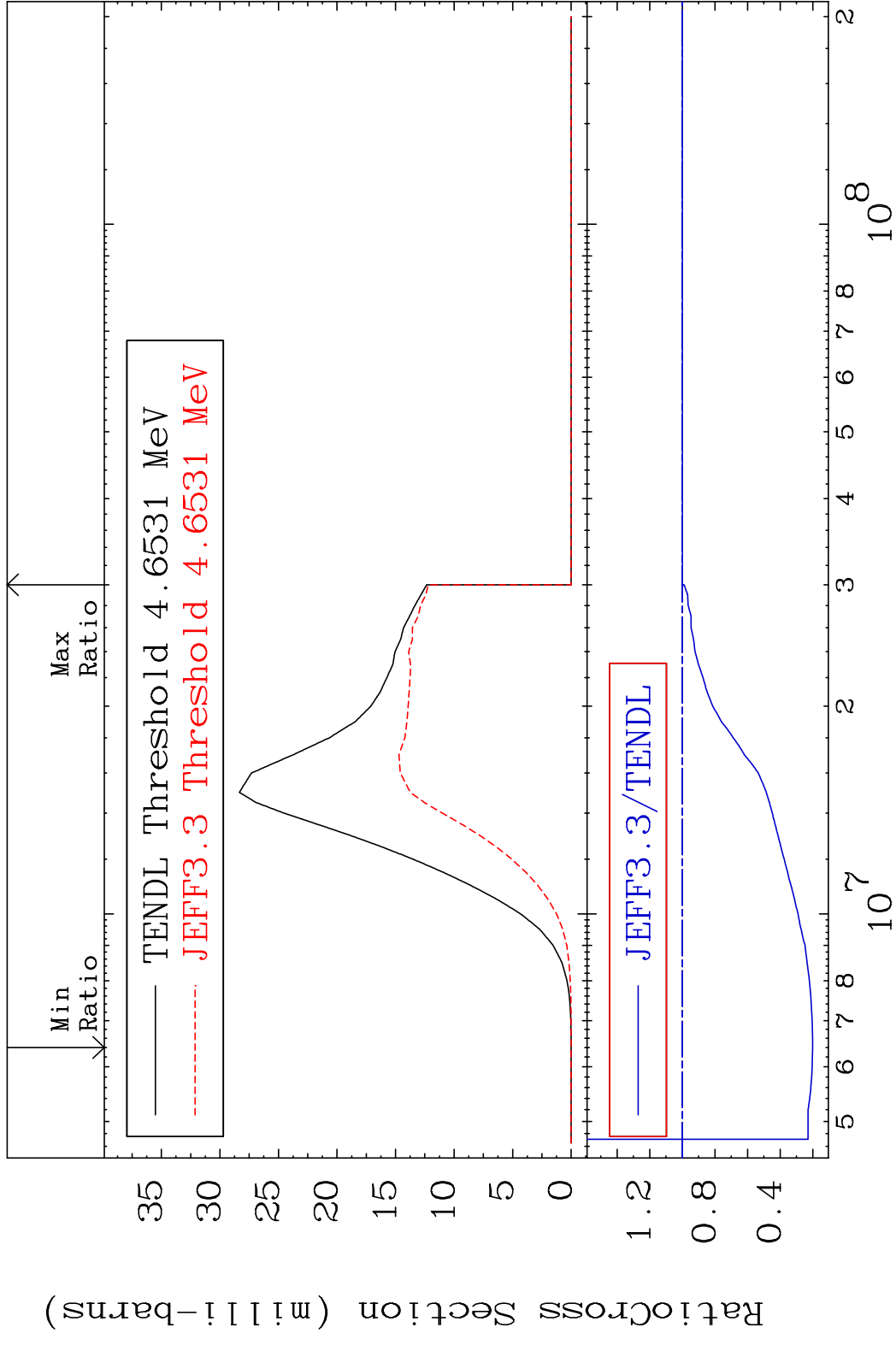
MAT 3237 (n, n') He-3:30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section Ratio 658.4 %

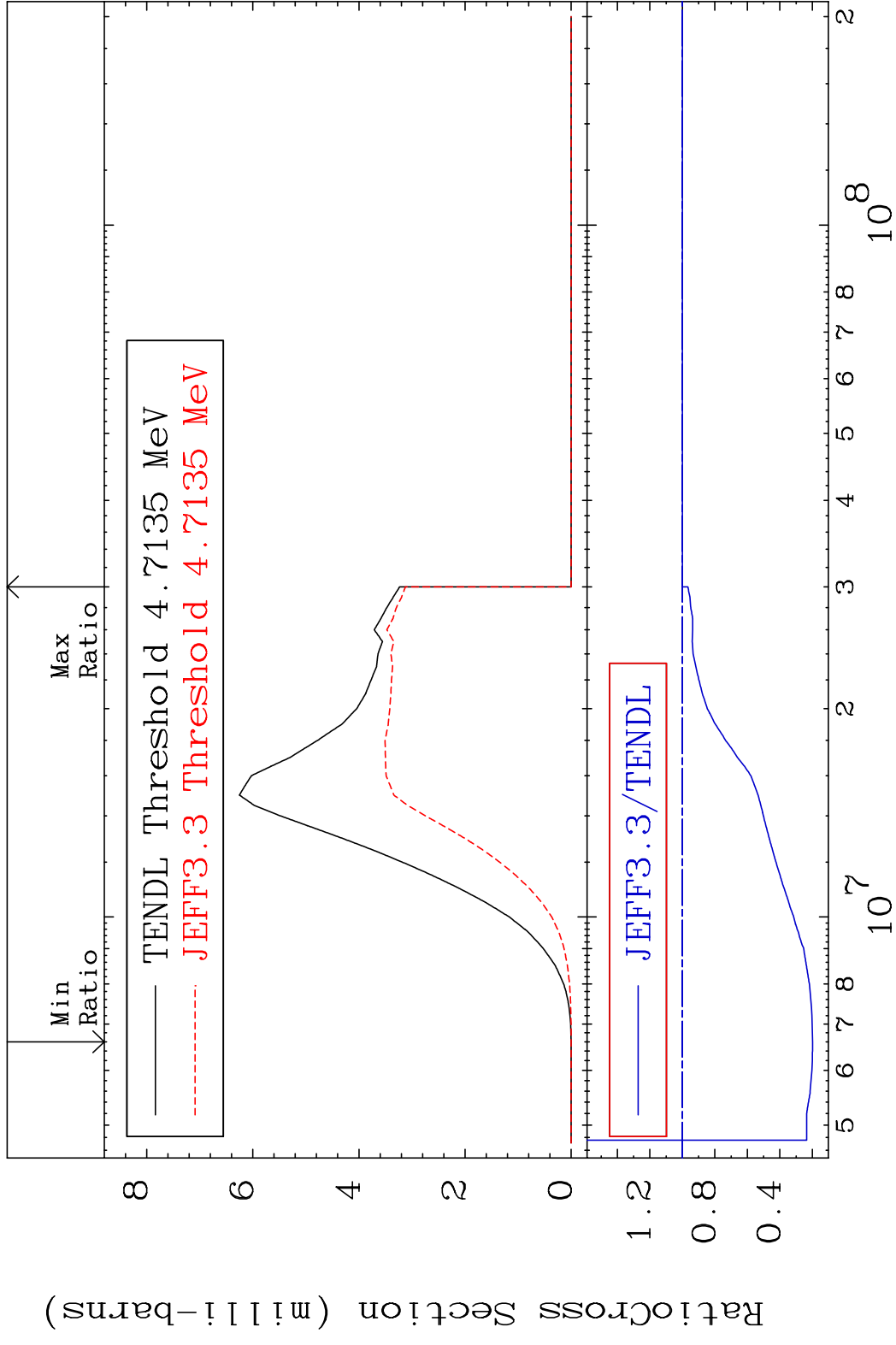


MAT 3237 (n, n') He-3:30-Zn-71m1 32-Ge-74
 Radionuclide Production Cross Section 180.0 dth 420.0 %

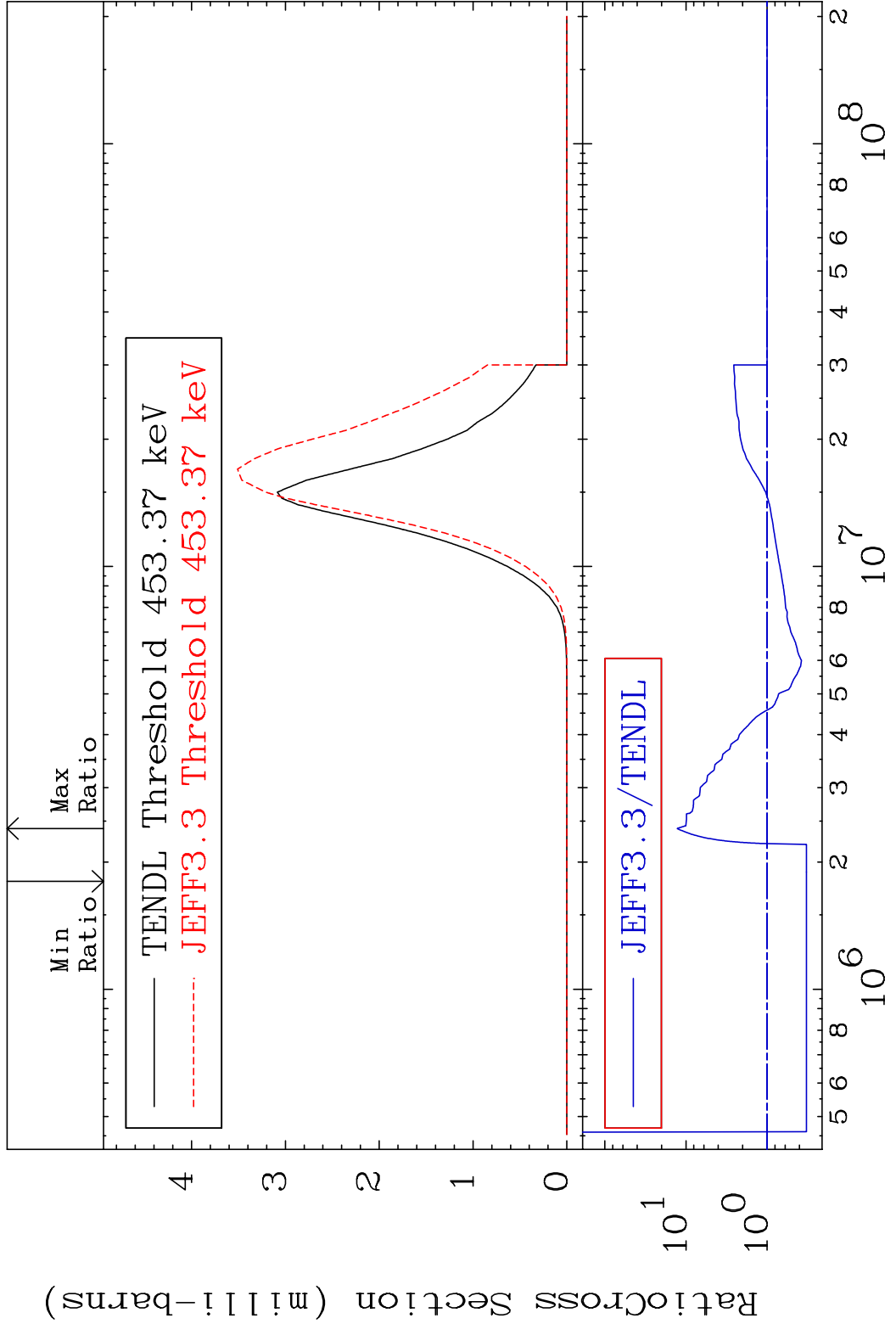


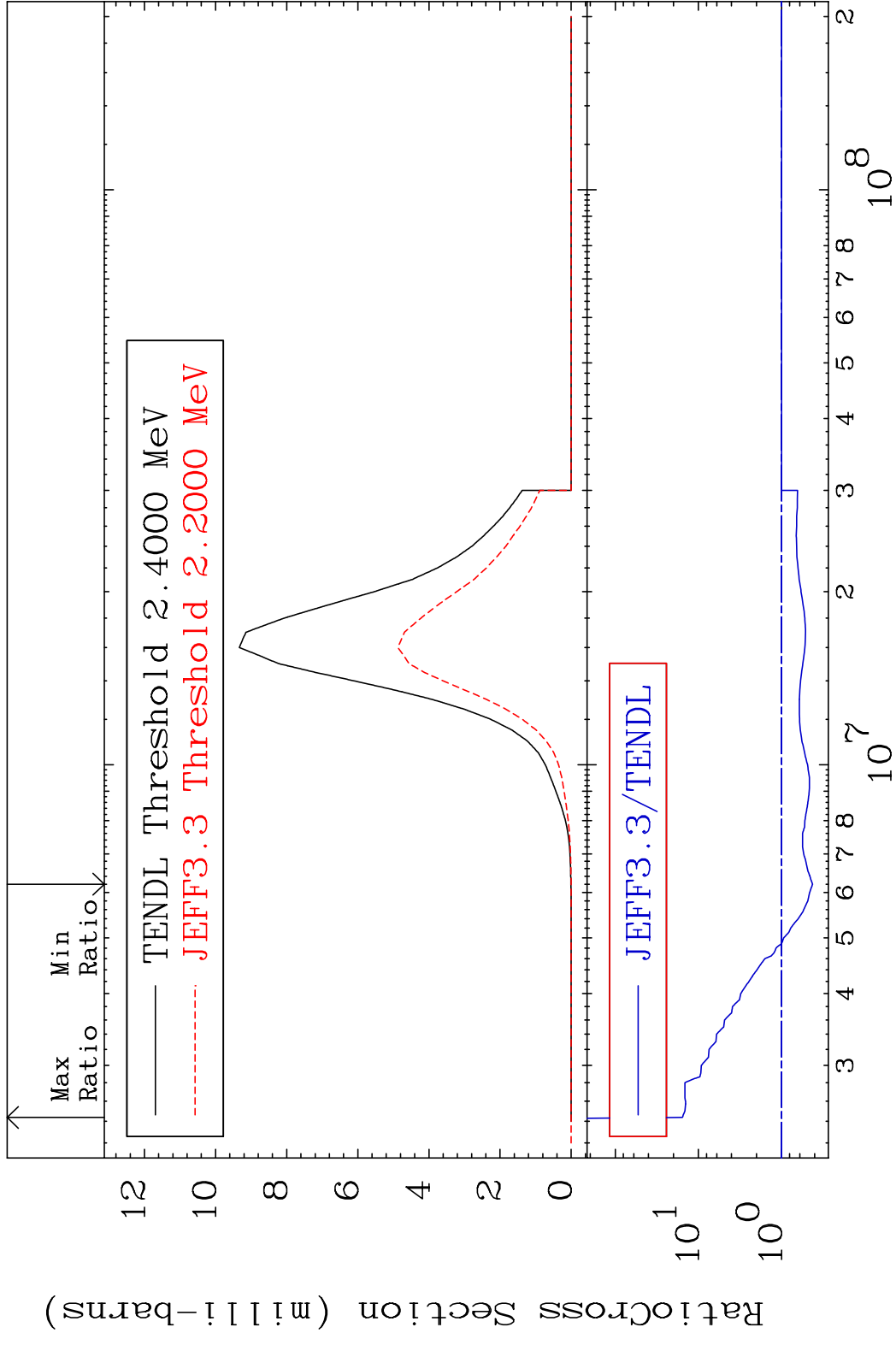
MAT 3237 (n, p):31-Ga-74g 32-Ge-74
 Radionuclide Production Cross Section 0.000 %



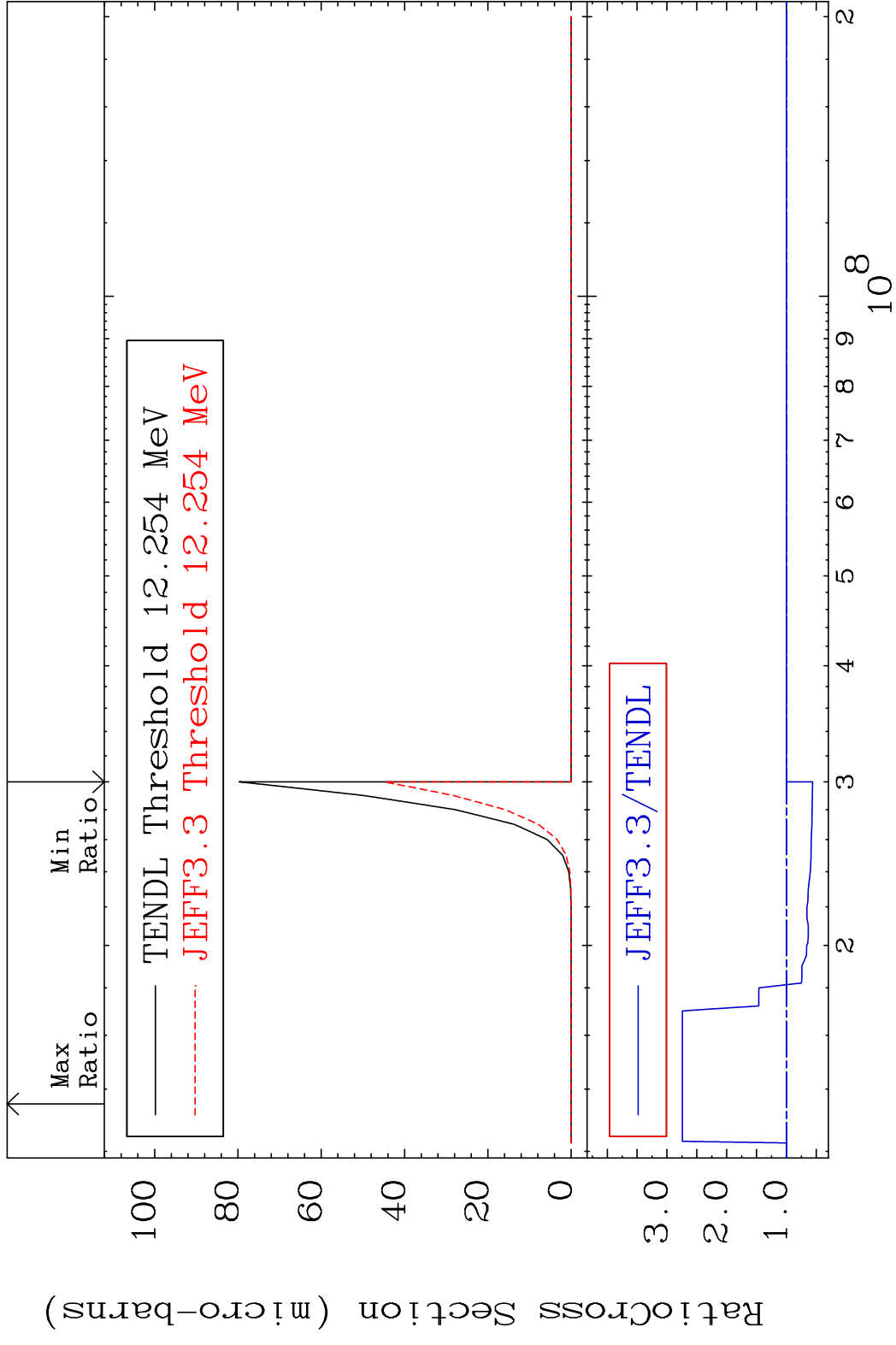


MAT 3237 (n, α):30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section 1184. %

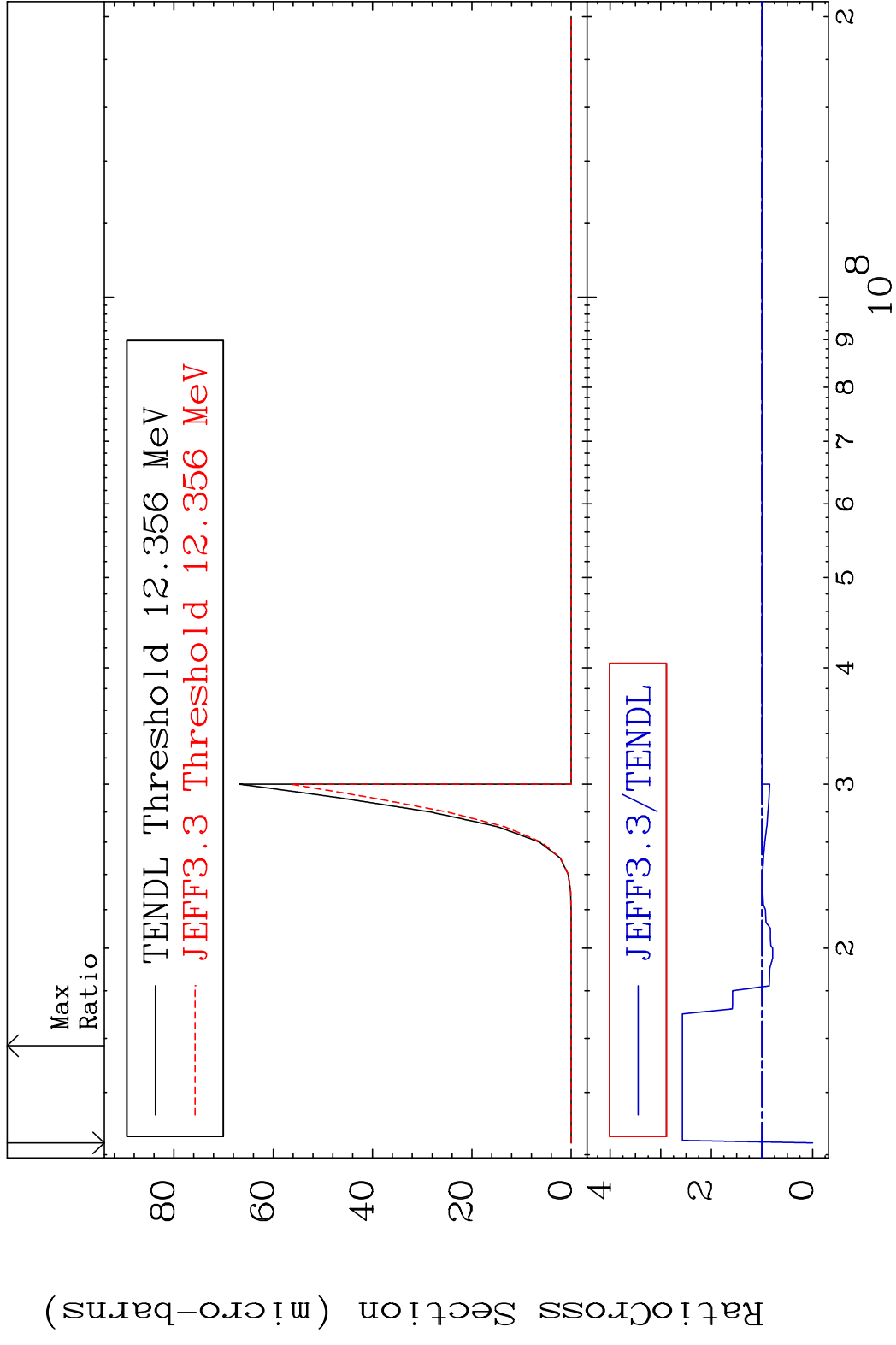


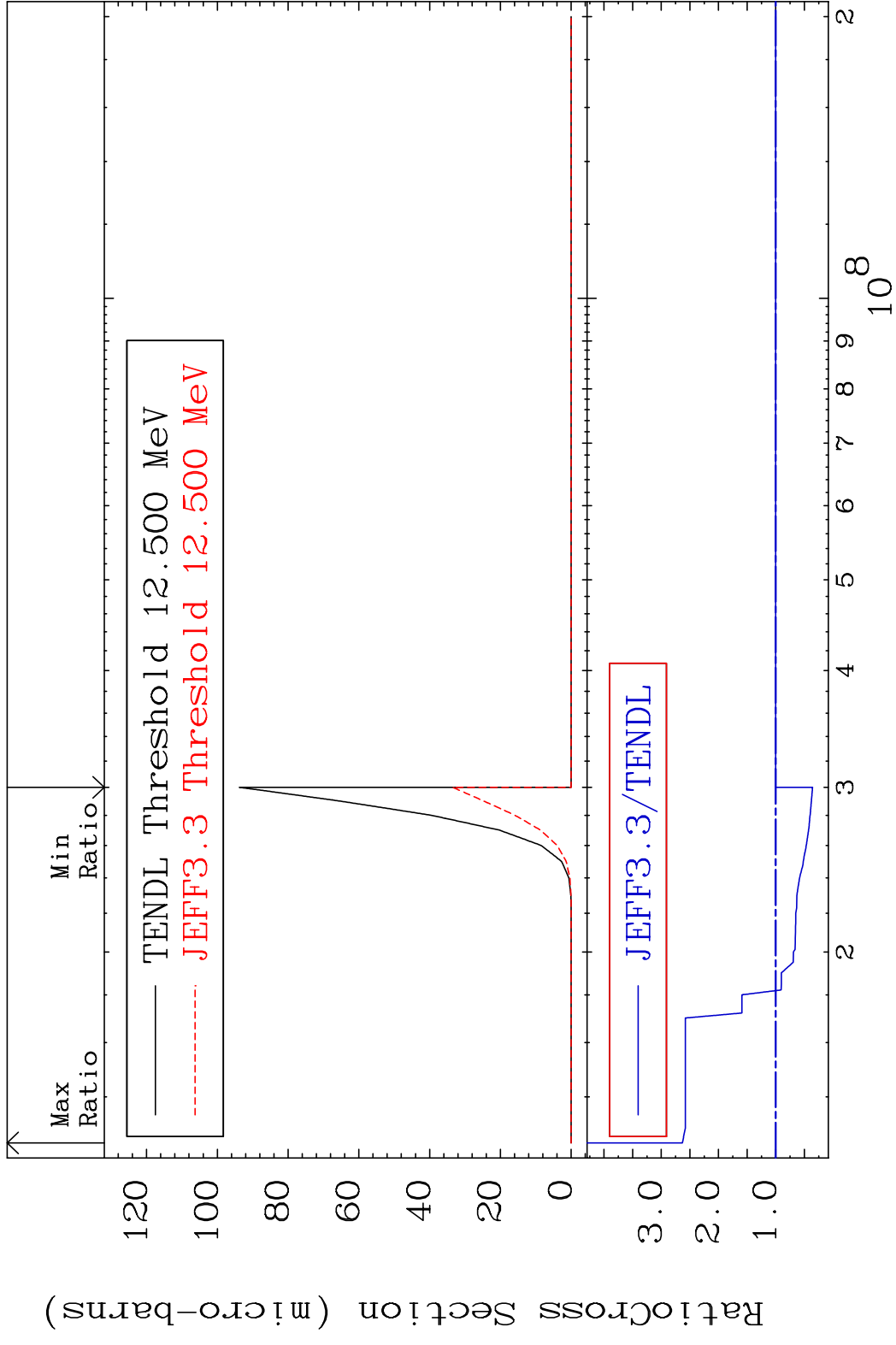


MAT 3237 (n, p) α :29-Cu-70g 32-Ge-74
 Radionuclide Production Cross Section 174.3 %

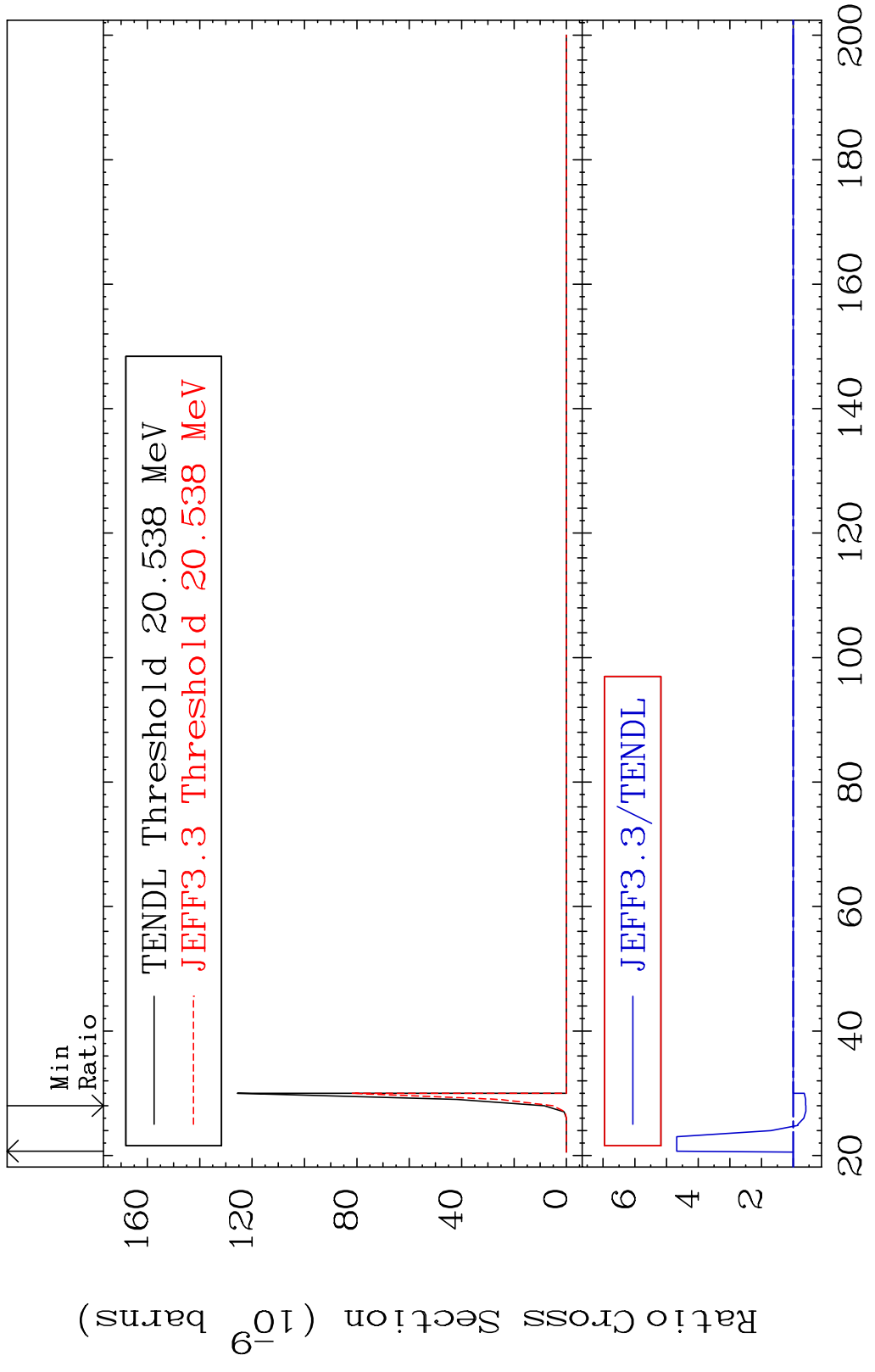


MAT 3237 (n, p) α :29-Cu-70m1 32-Ge-74
 Radionuclide Production Cross Section 1800 d10 157.3 %





MAT 3237 (n, p) t:30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section 39.79 dth 367.8 %



MAT 3237 (n,p) t:30-Zn-71m1 32-Ge-74
 Radionuclide Production Cross Section 911.6 %

