

Program Complot
(Version 2021-1)

by

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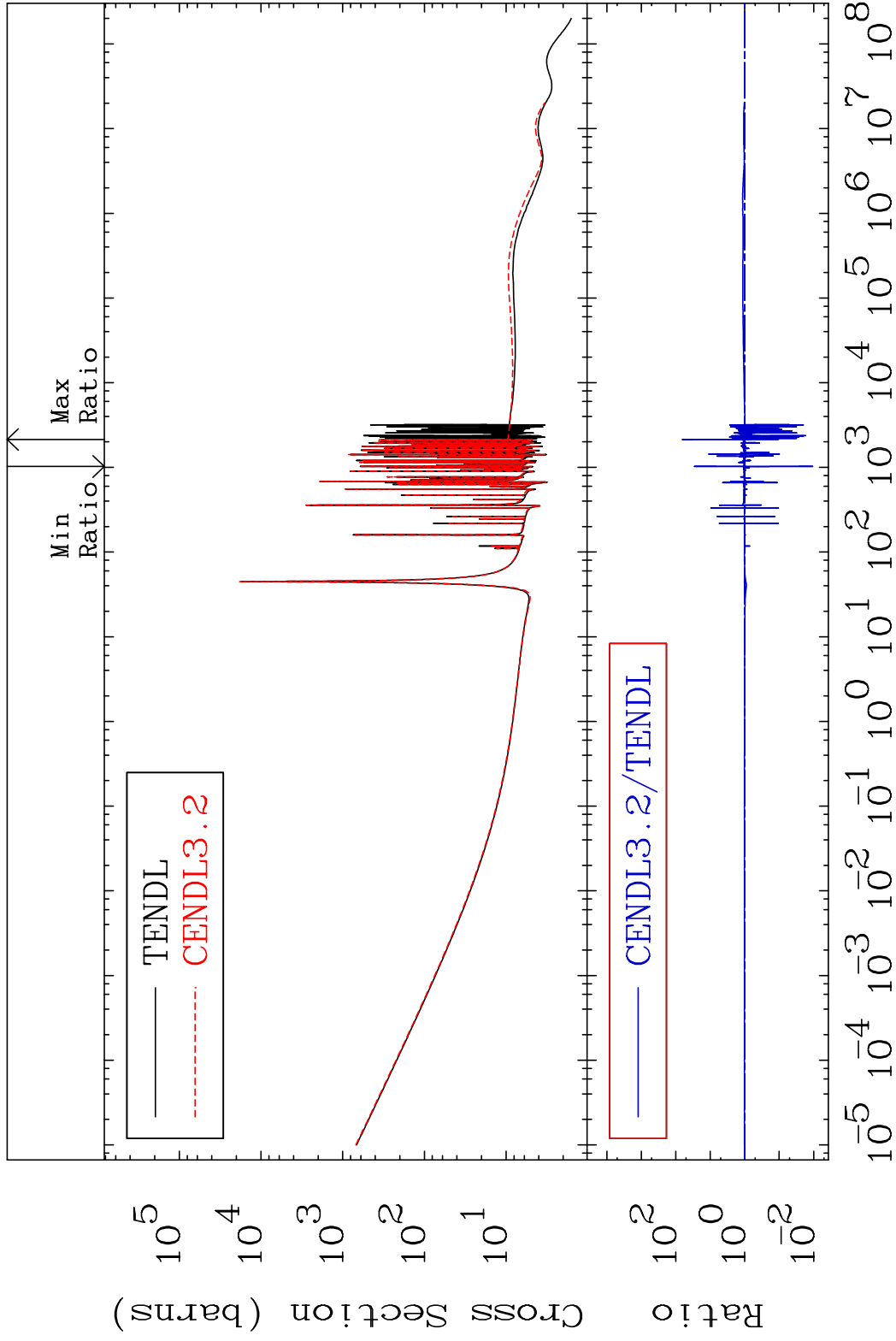
Press Mouse Button to Start

MAT 4234

Total

42-Mo-95

Cross Section -98.92 To 6337. %



1

Incident Energy (eV)

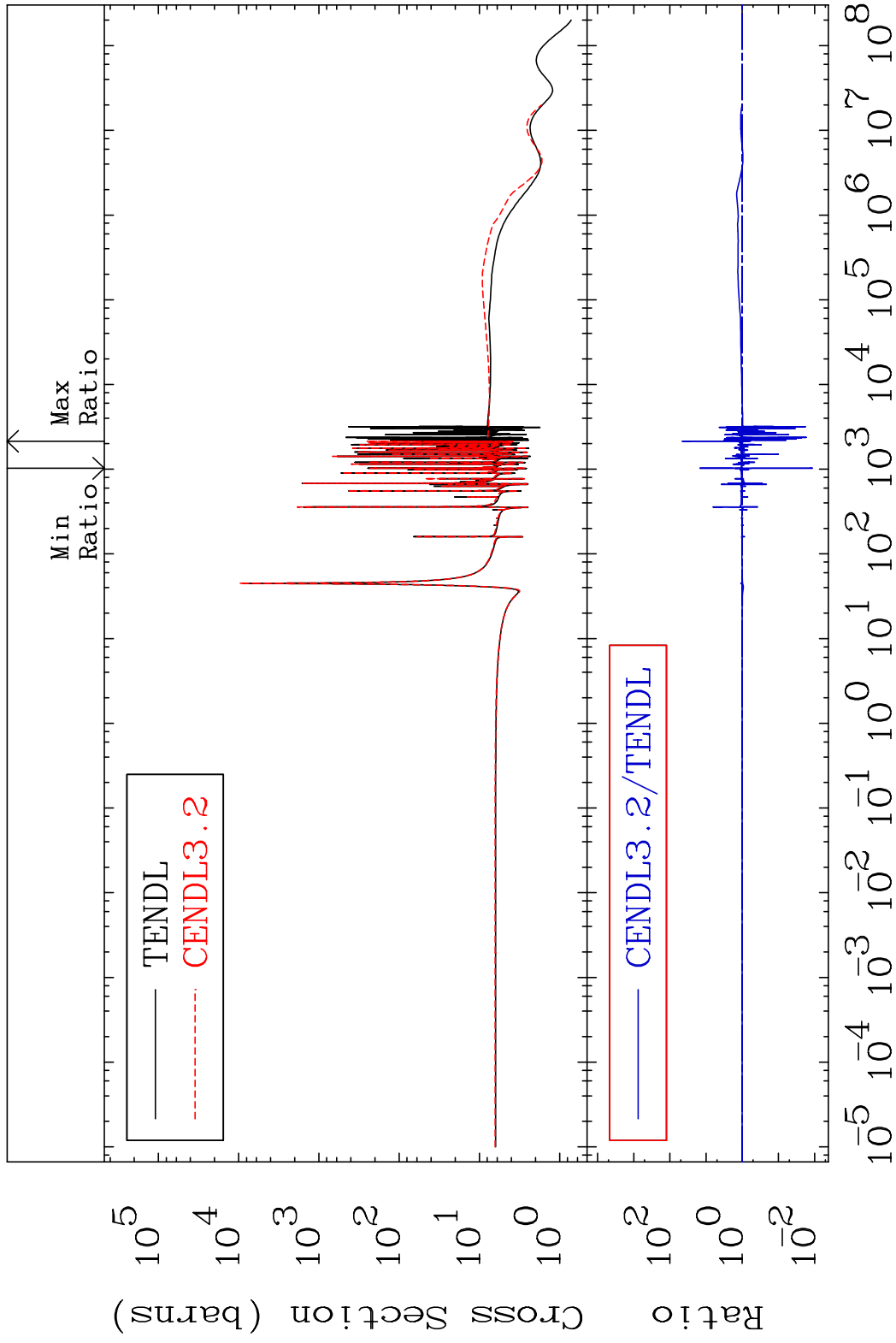
42-Mo-95

MAT 4234

Elastic

42-Mo-95

Cross Section -98.86 To 4429. %

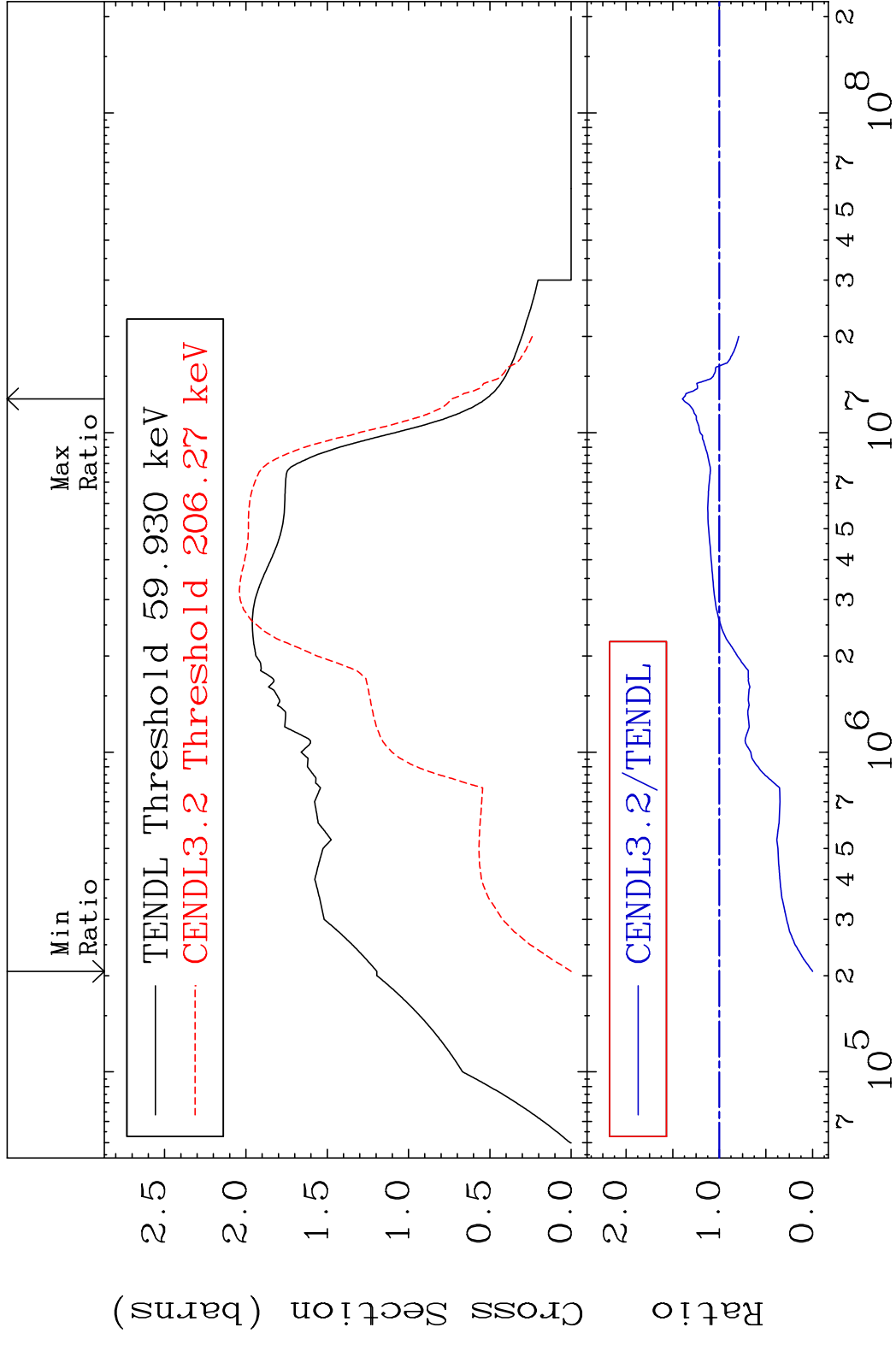


2

Incident Energy (eV)

42-Mo-95

MAT 4234 Inelastic Cross Section -100.0 To 39.69 % 42-Mo-95

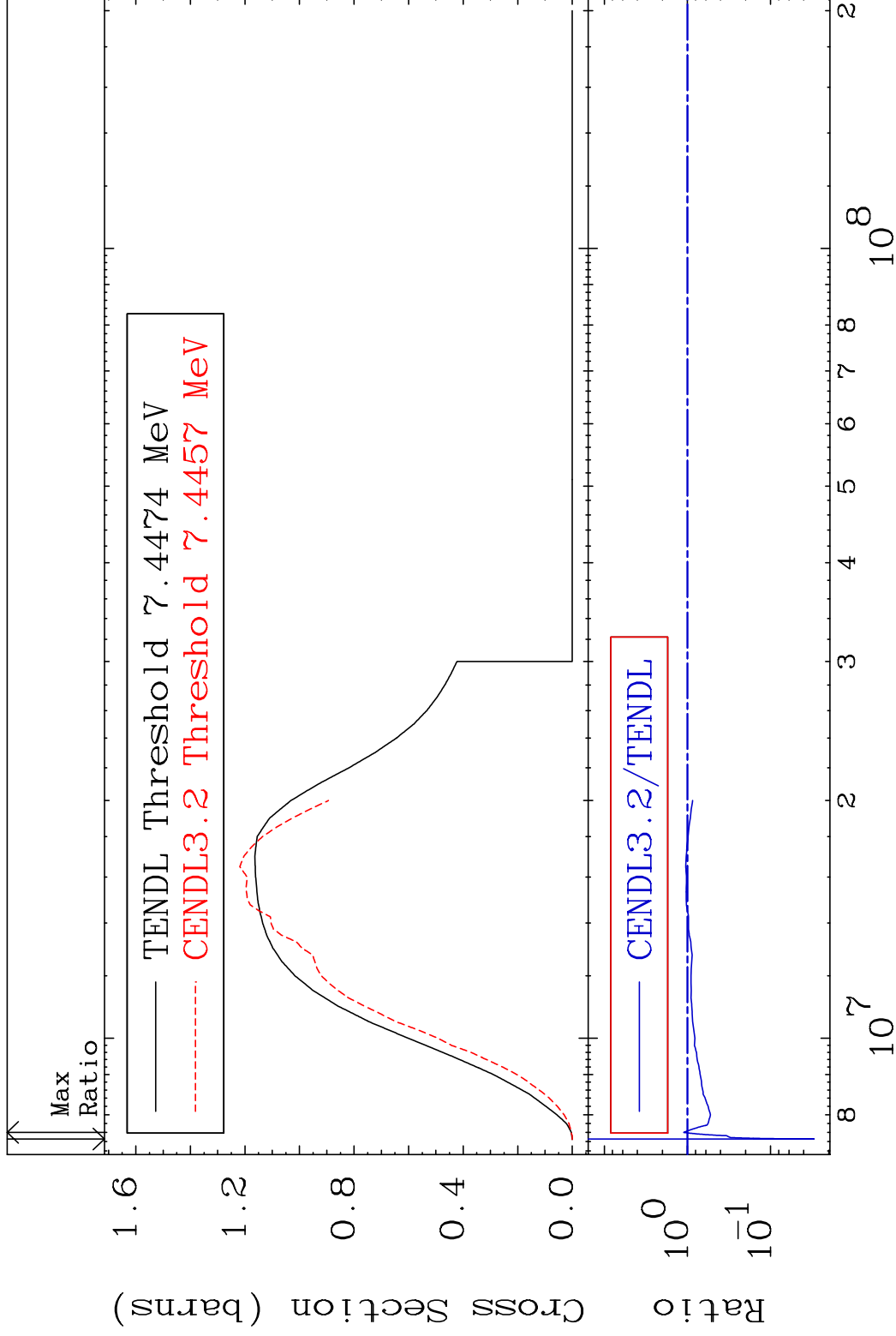


MAT 4234

(n,2n)

42-Mo-95

Cross Section -97.00 To 11.11 %



4

Incident Energy (eV)

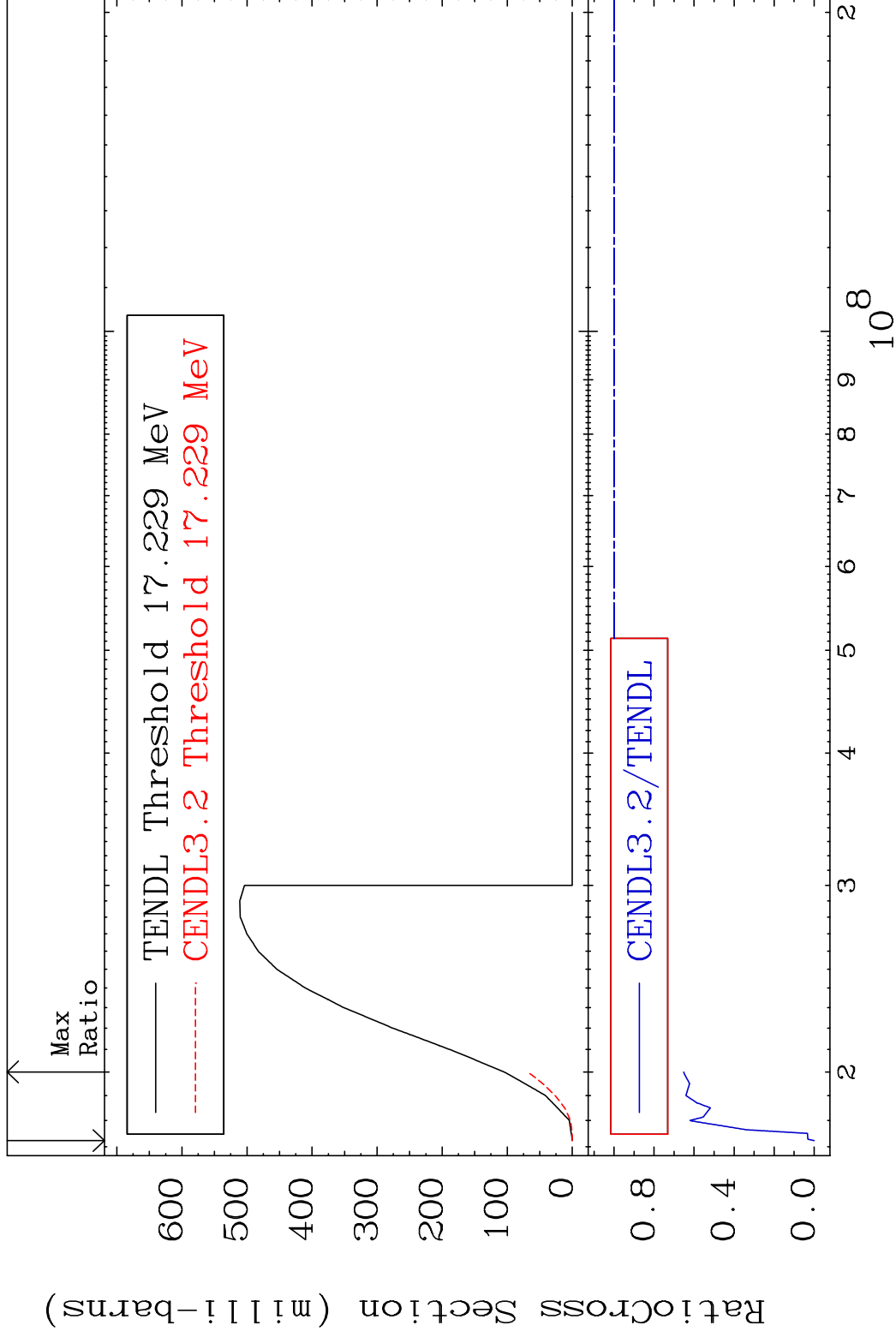
42-Mo-95

MAT 4234

(n,3n)

42-Mo-95

Cross Section -100.0 To -34.79%



5

Incident Energy (eV)

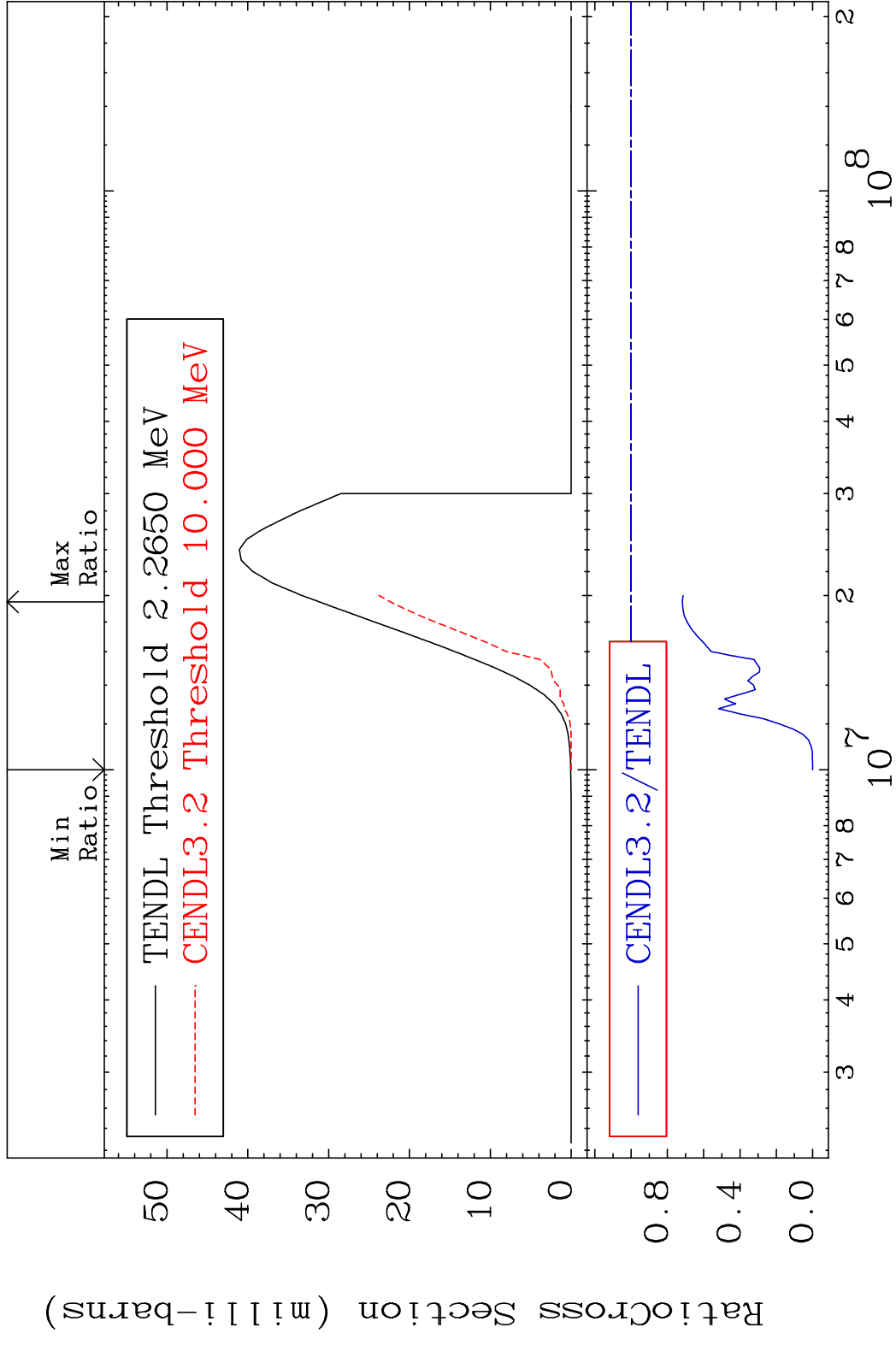
42-Mo-95

MAT 4234

(n, n') α

42-Mo-95

Cross Section -100.0 To -28.24%

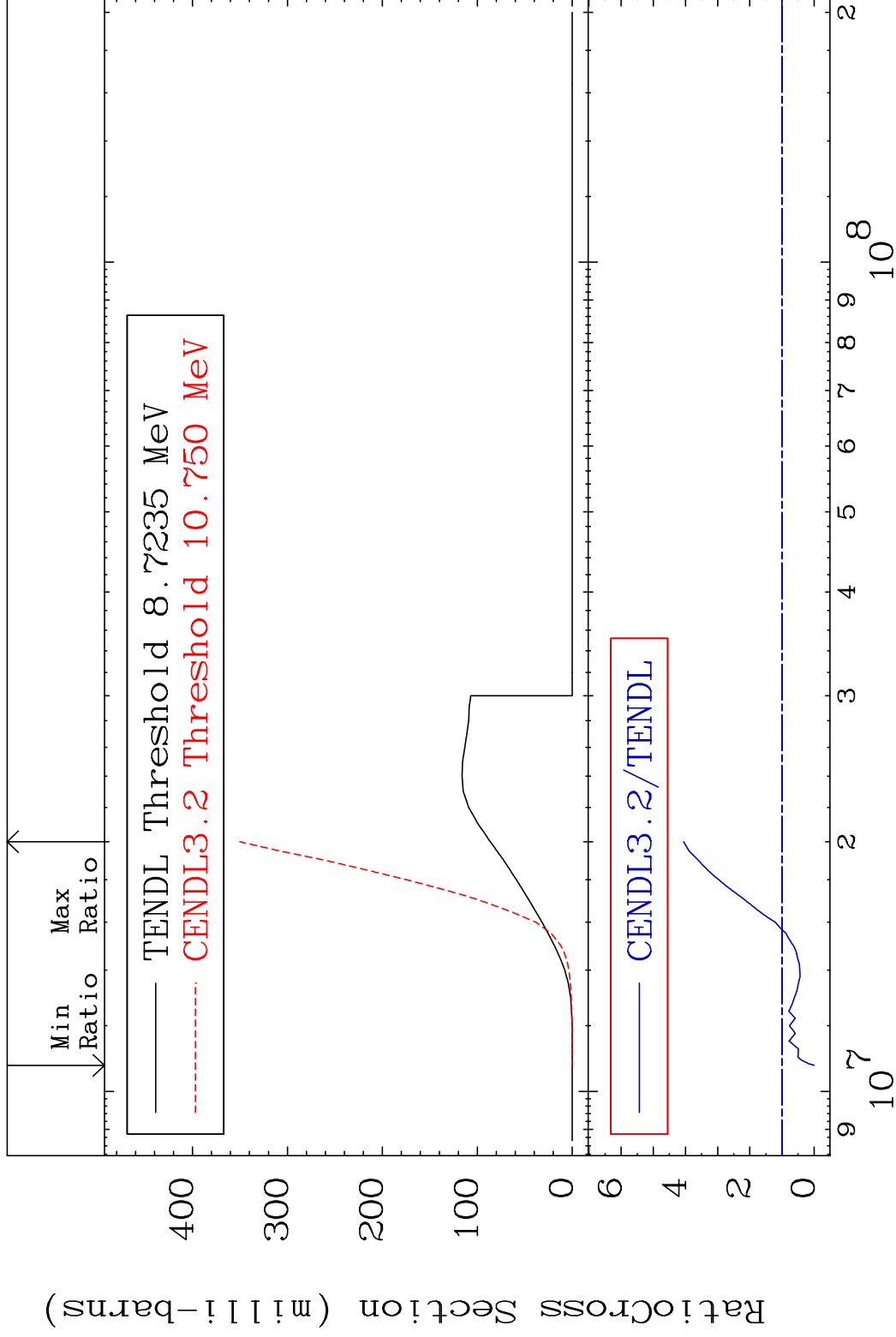


MAT 4234

(n, n') p

42-Mo-95

Cross Section -100.0 To 305.6 %

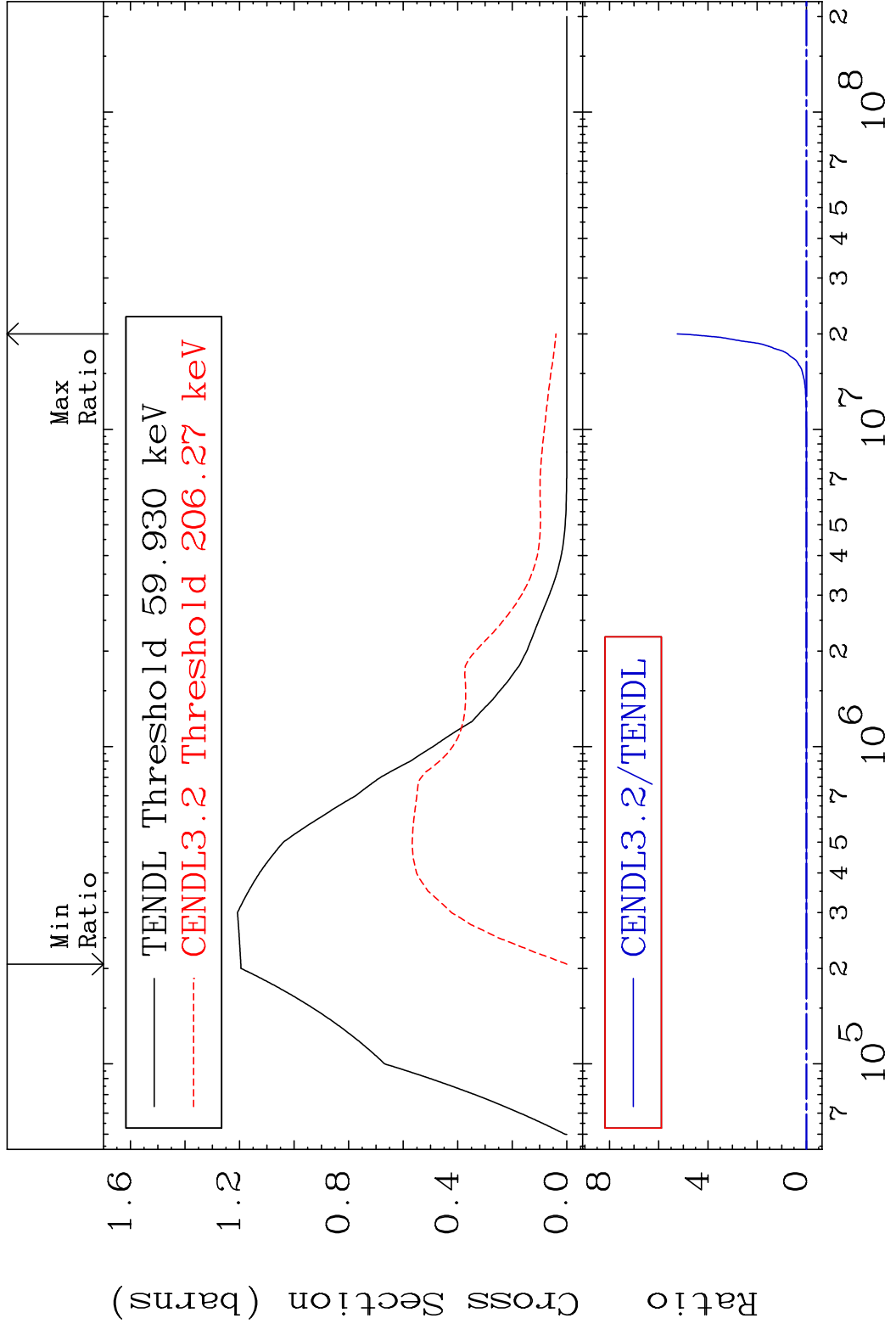


7

Incident Energy (eV)

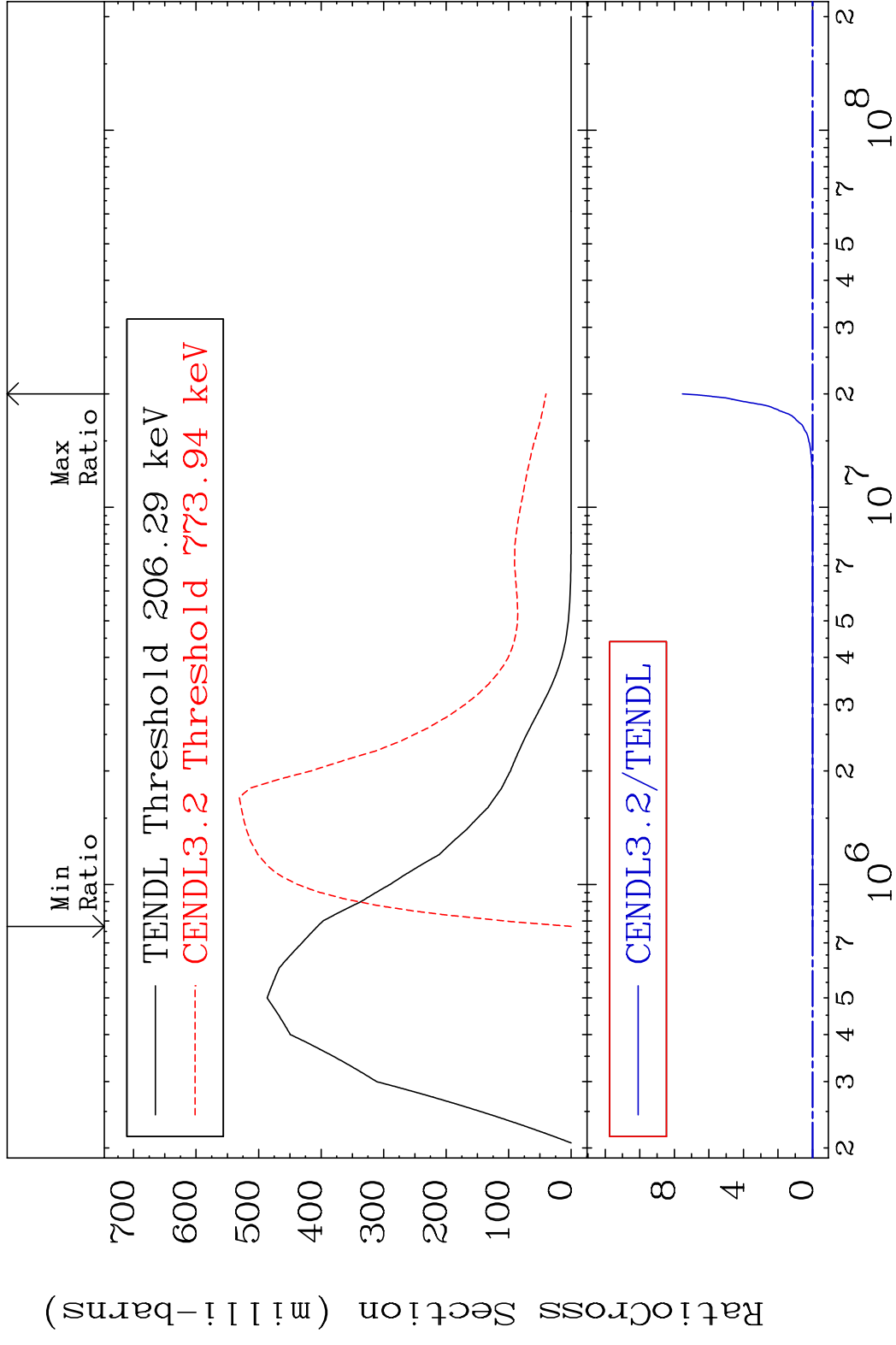
42-Mo-95

MAT 4234 MT= 51 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

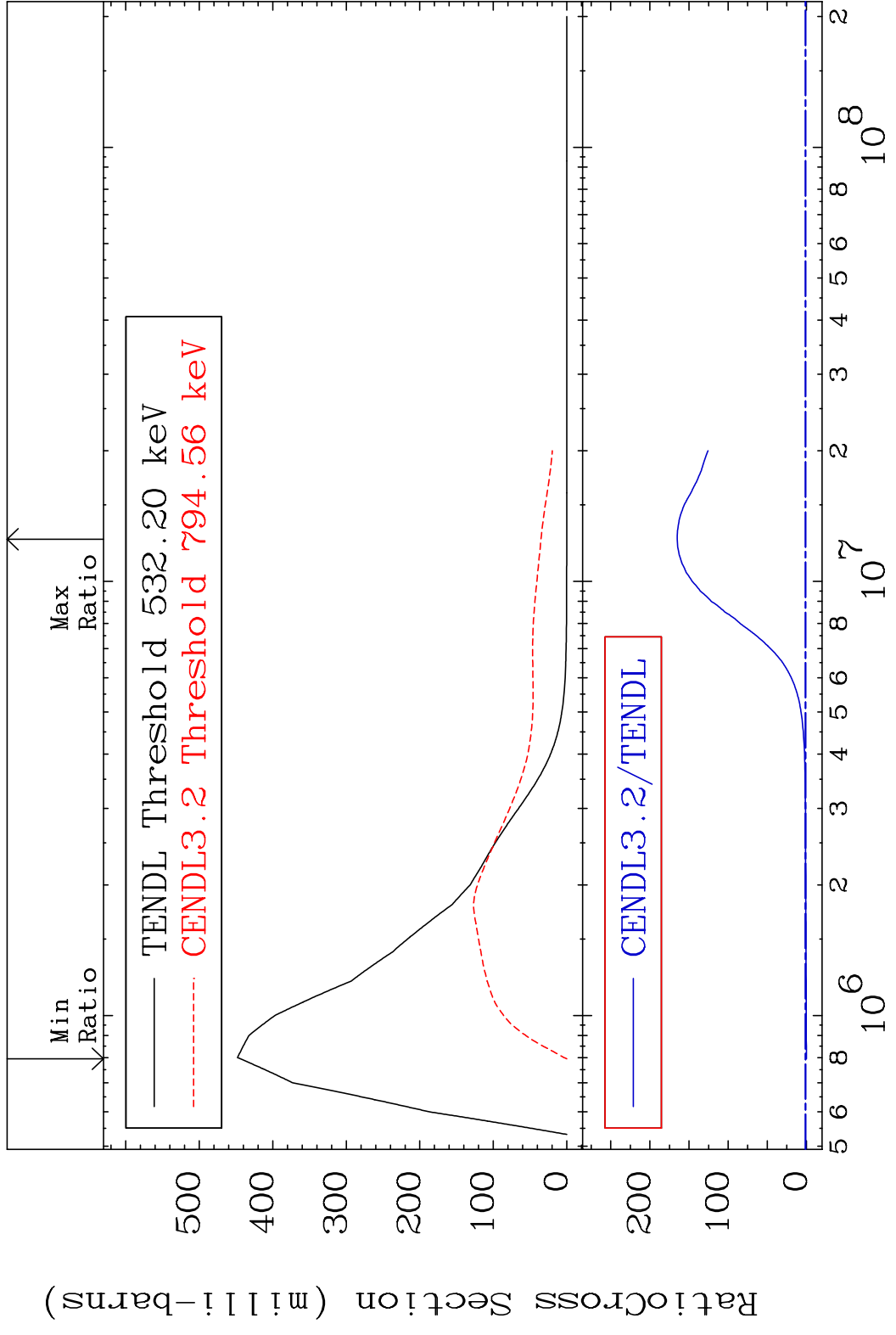


8 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 52 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

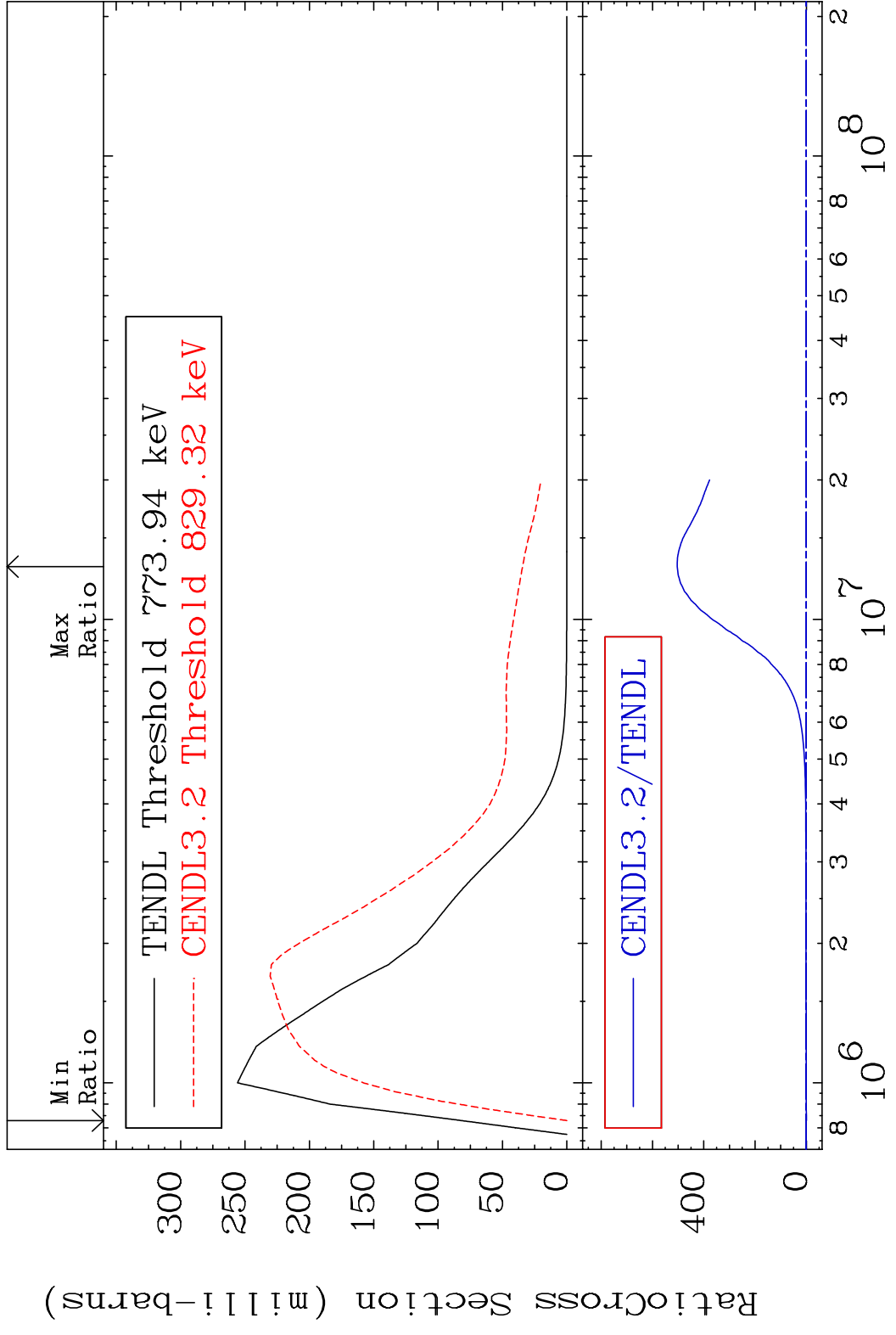


MAT 4234 MT= 53 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



10 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 54 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

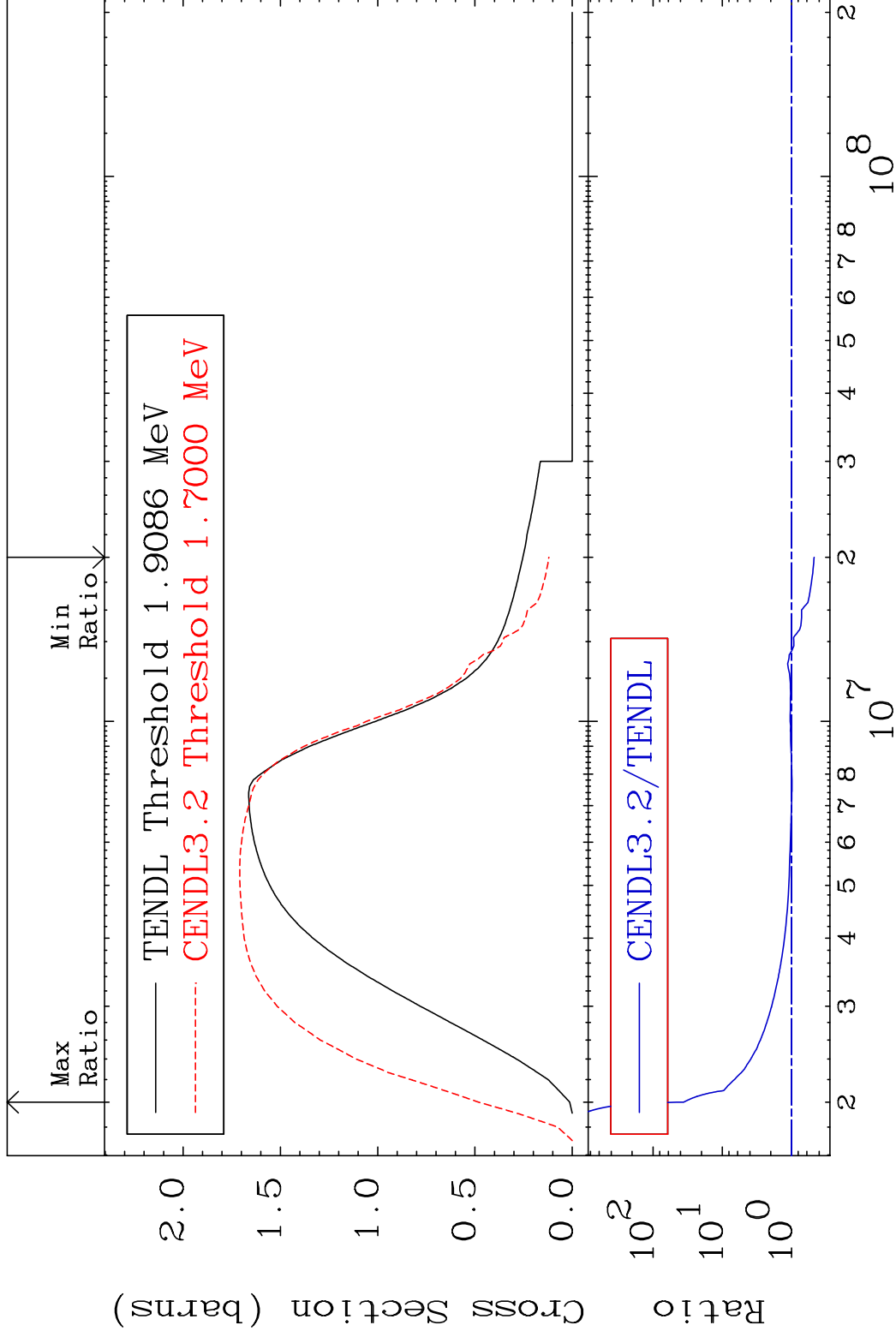


MAT 4234

(n, n') Continuum

42-Mo-95

Cross Section -52.73 To 3511. %



12

Incident Energy (eV)

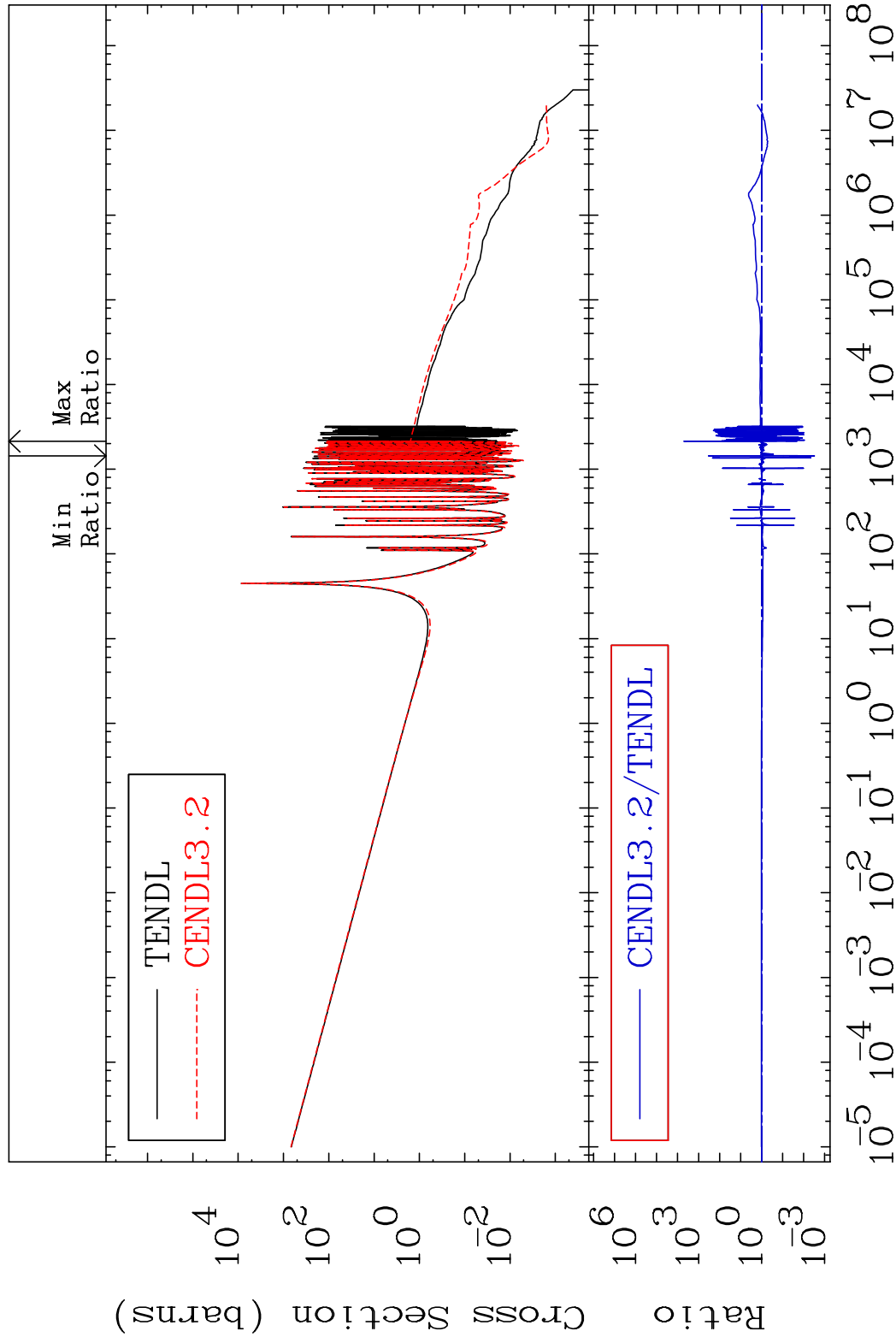
42-Mo-95

MAT 4234

(n, γ)

42-Mo-95

Cross Section -99.69 To 9999. %



13

Incident Energy (eV)

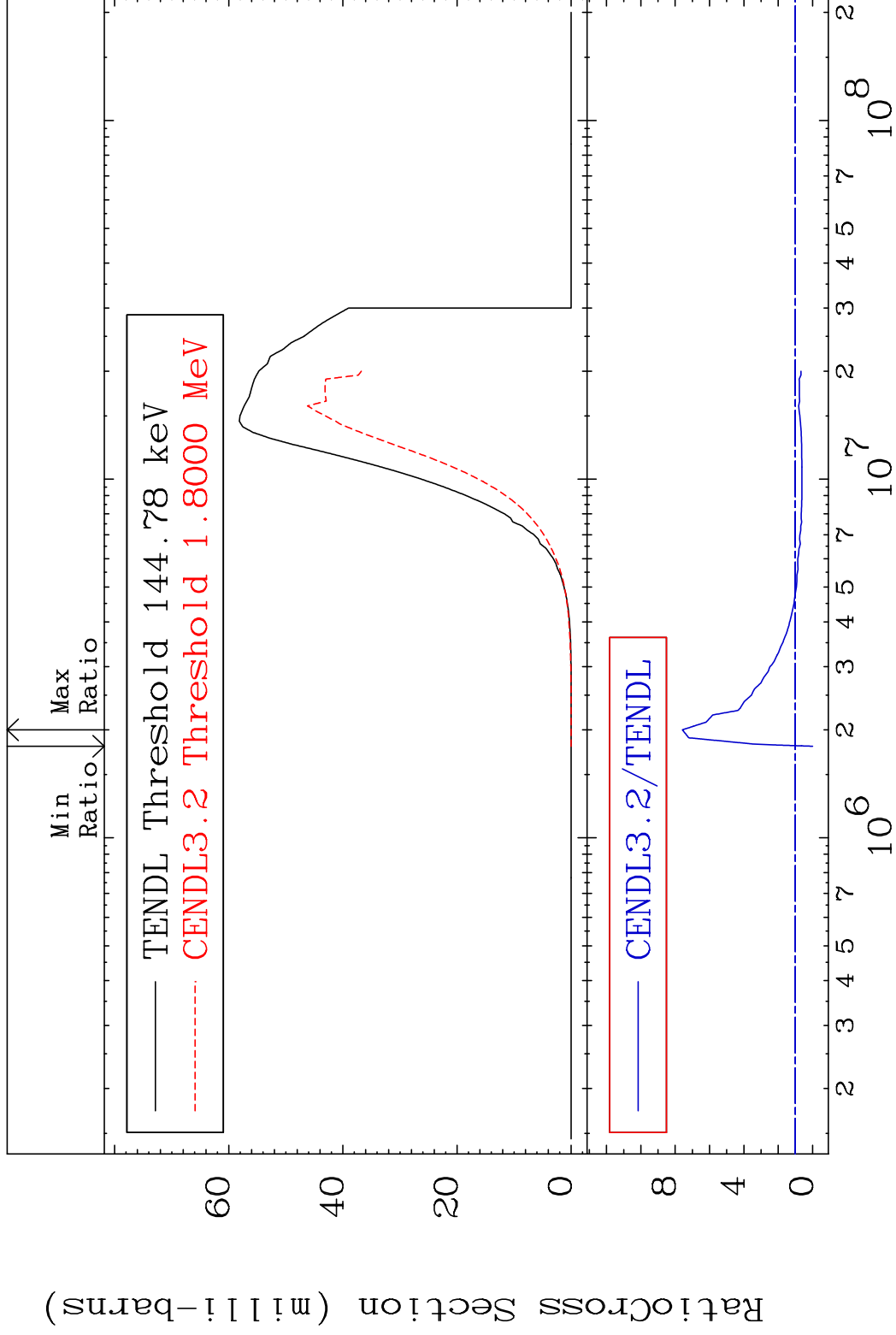
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 658.3 %

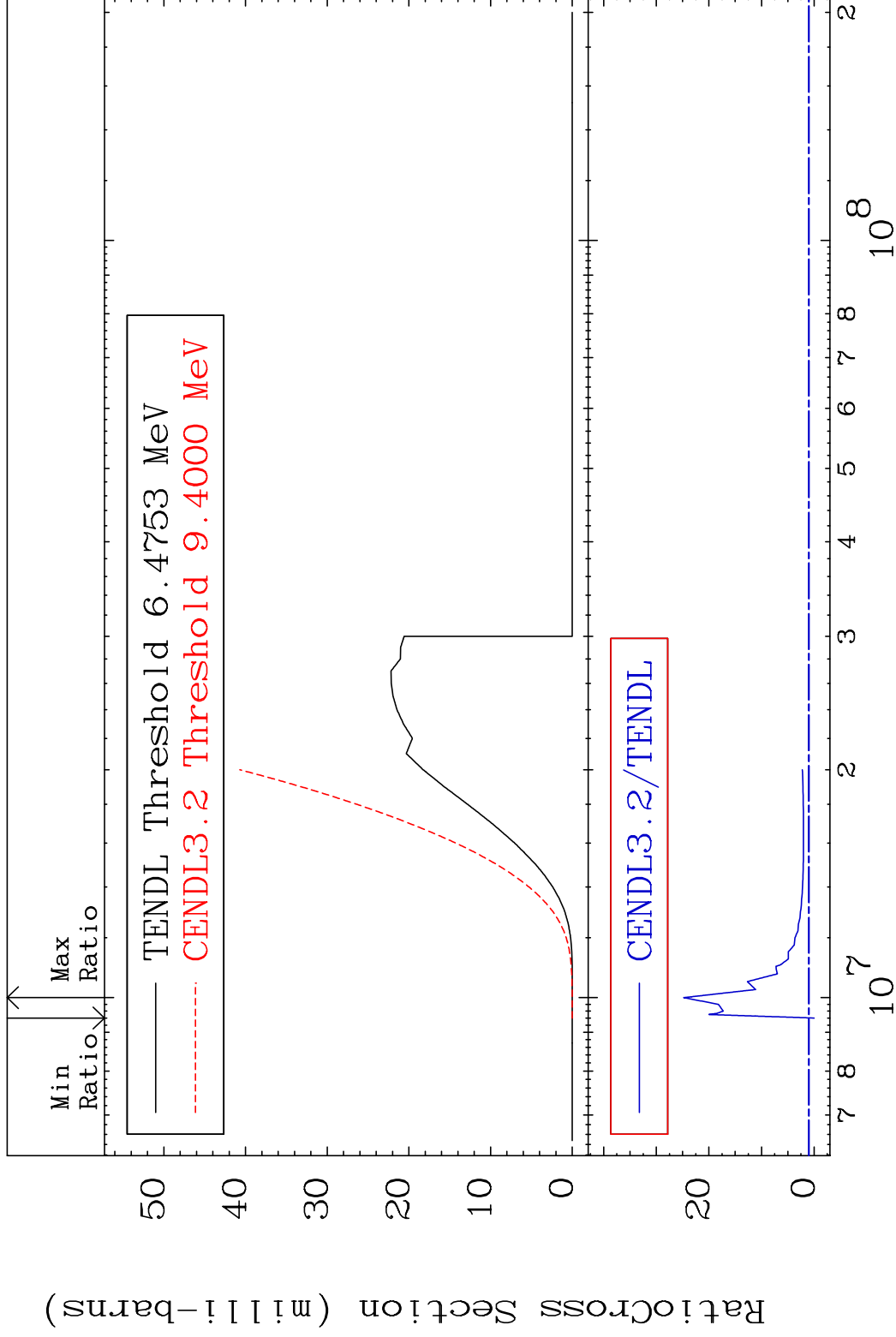


MAT 4234

(n,d)

42-Mo-95

Cross Section -100.0 To 2380. %



15

Incident Energy (eV)

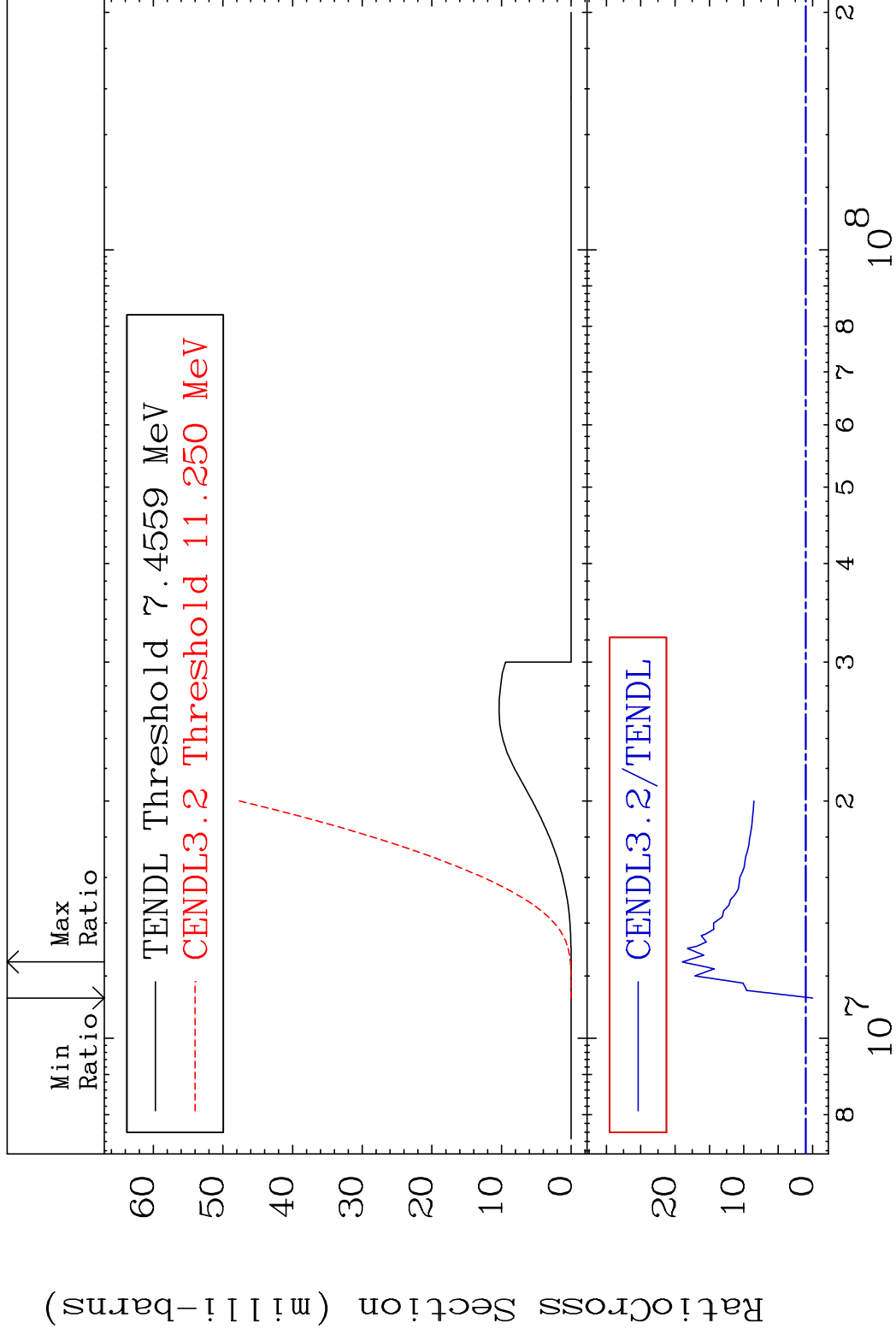
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 1794. %



16

Incident Energy (eV)

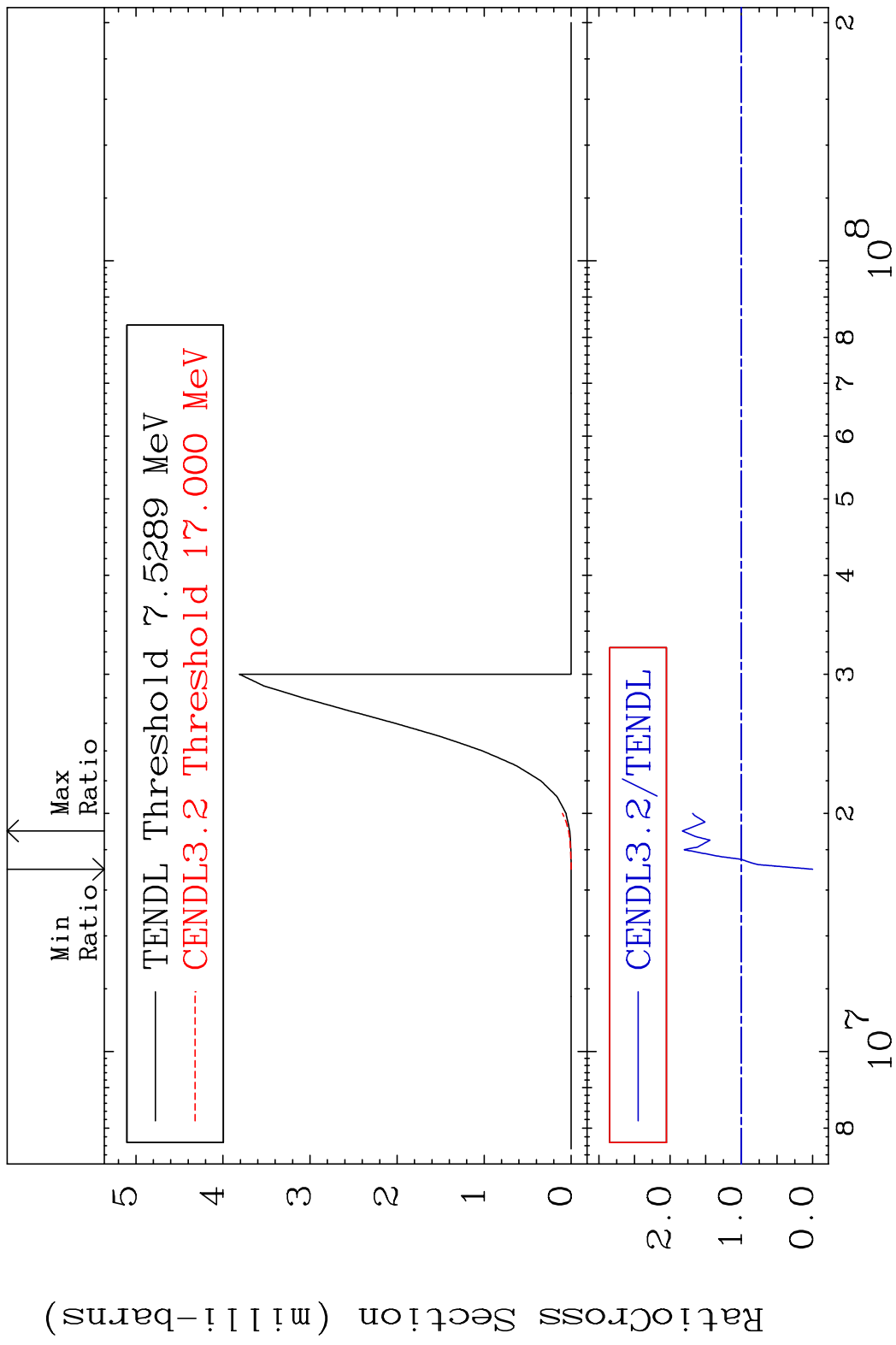
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 82.82 %



17

Incident Energy (eV)

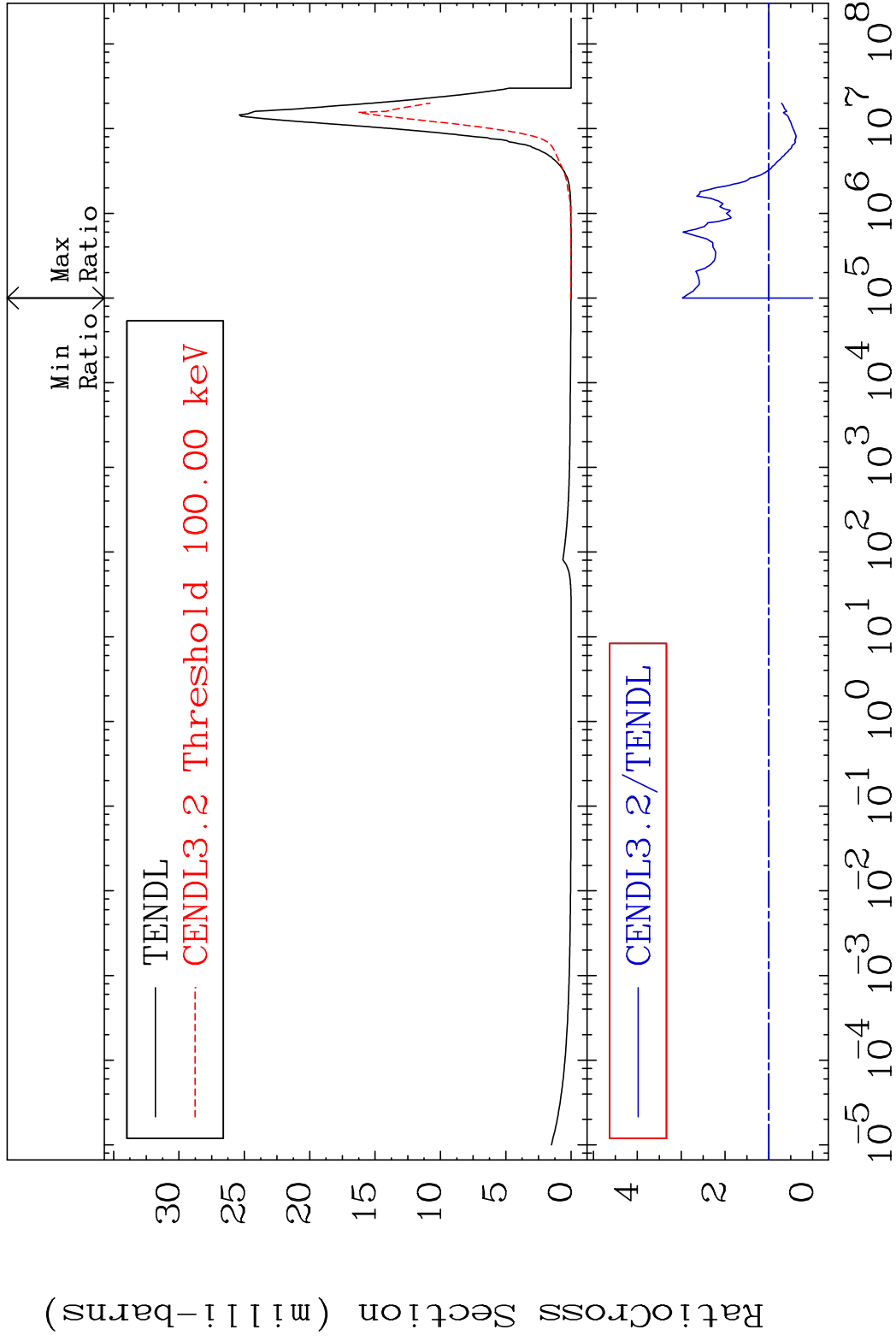
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

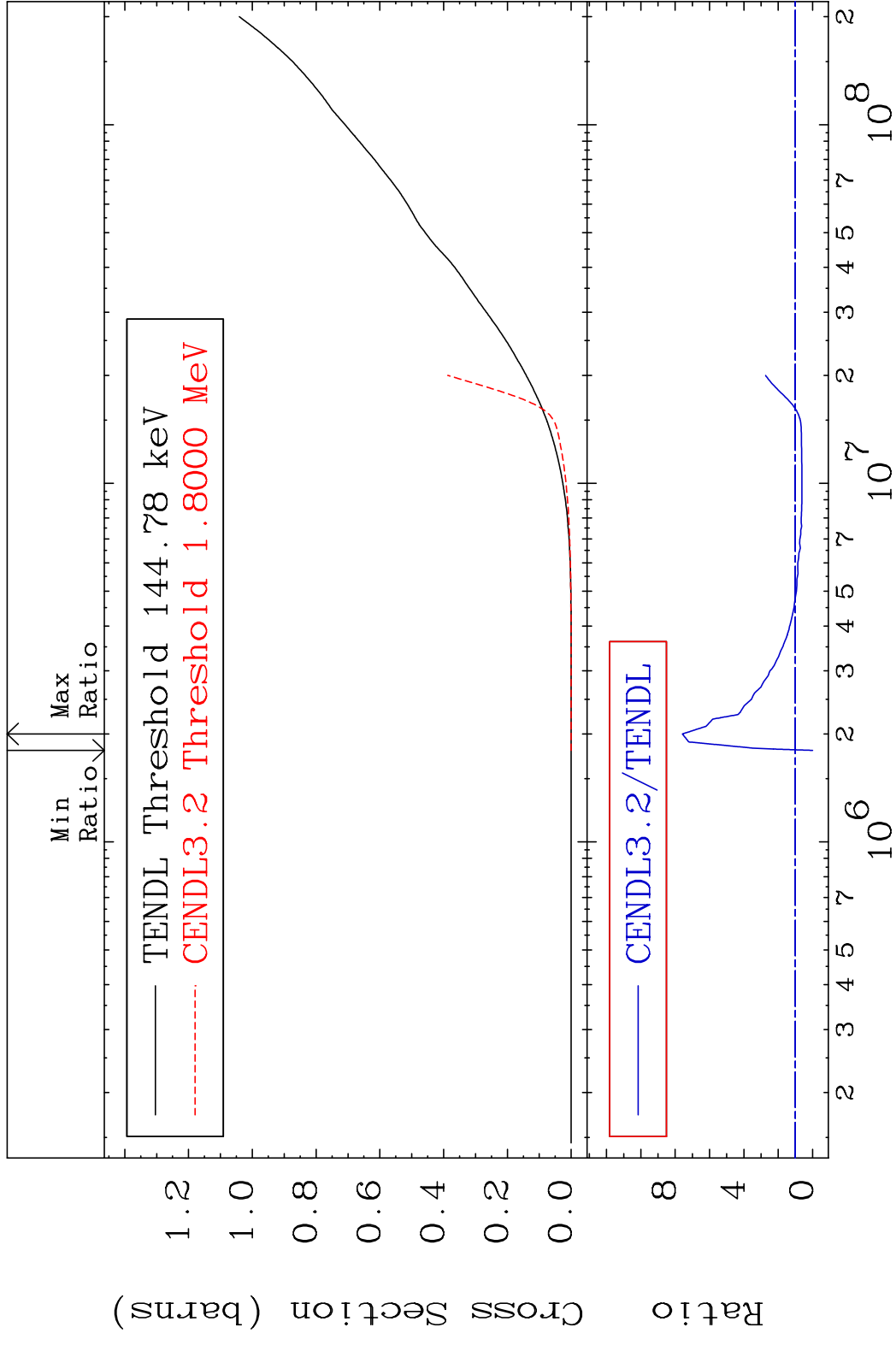
Cross Section -100.0 To 197.3 %



18

Incident Energy (eV)

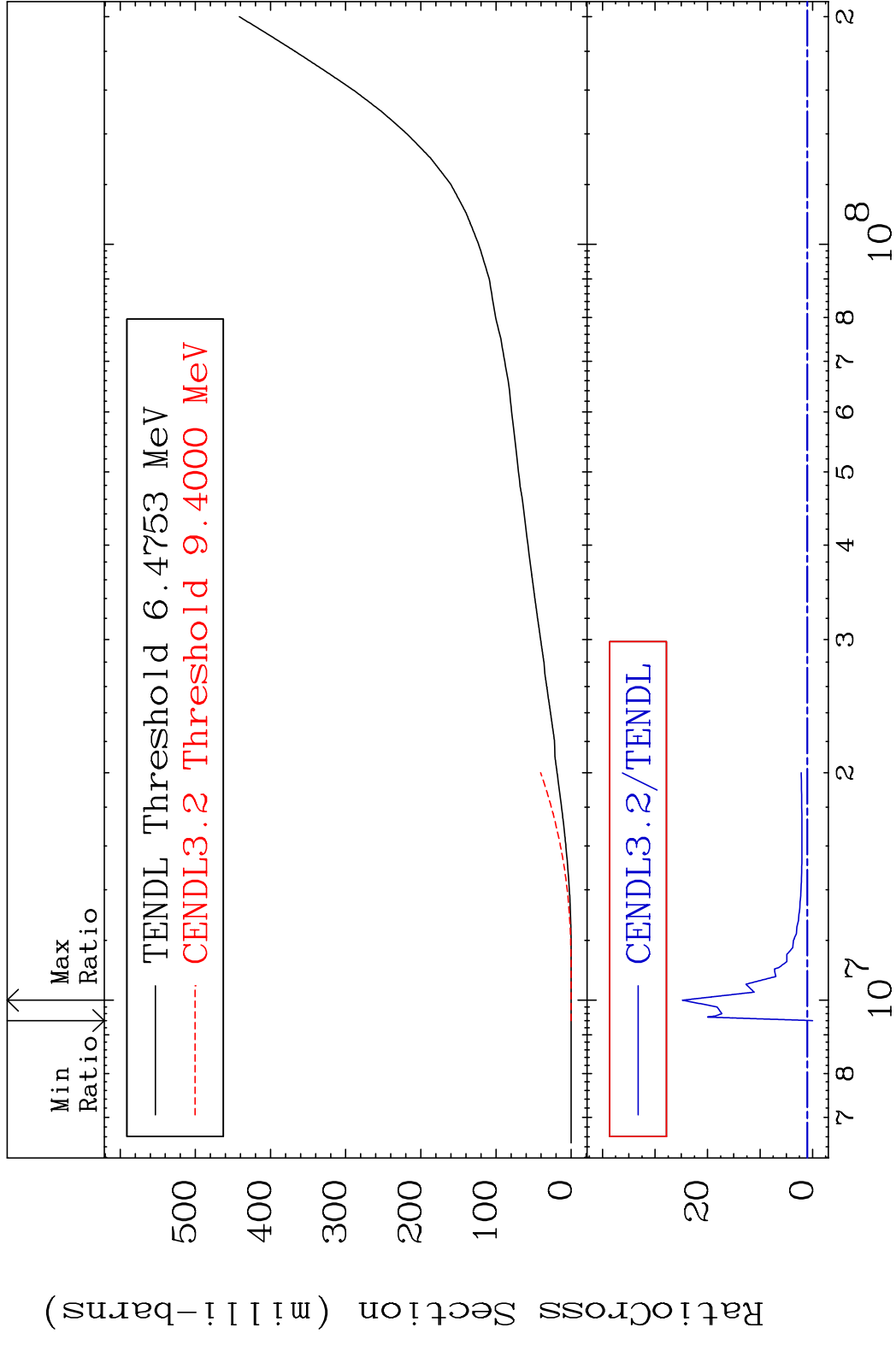
42-Mo-95



MAT 4234

Deuterium Production 42-Mo-95

Cross Section -100.0 To 2380. %



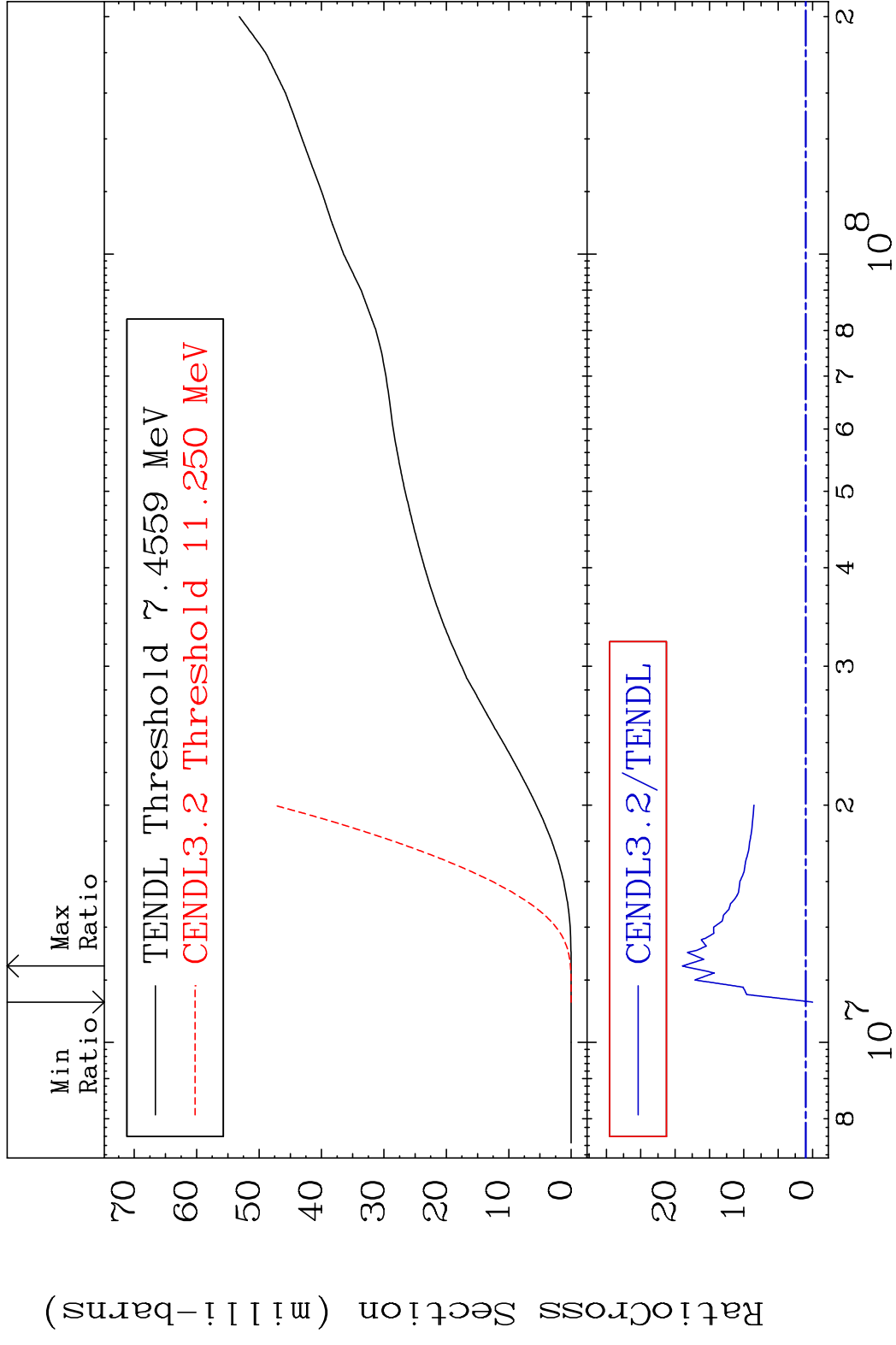
20

Incident Energy (eV)

42-Mo-95

MAT 4234

Tritium Production 42-Mo-95
Cross Section -100.0 To 1794. %



21

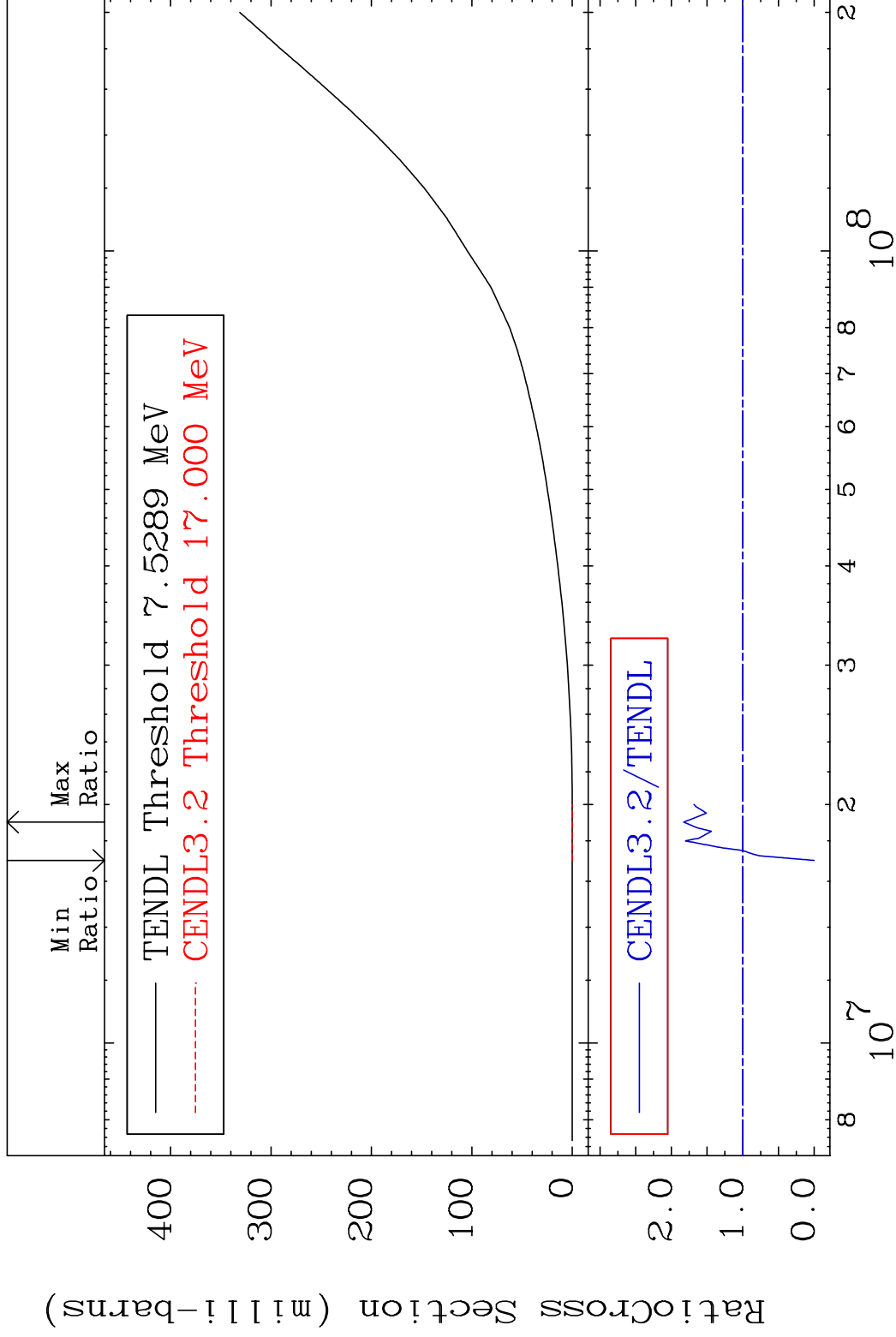
42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 82.82 %



22

Incident Energy (eV)

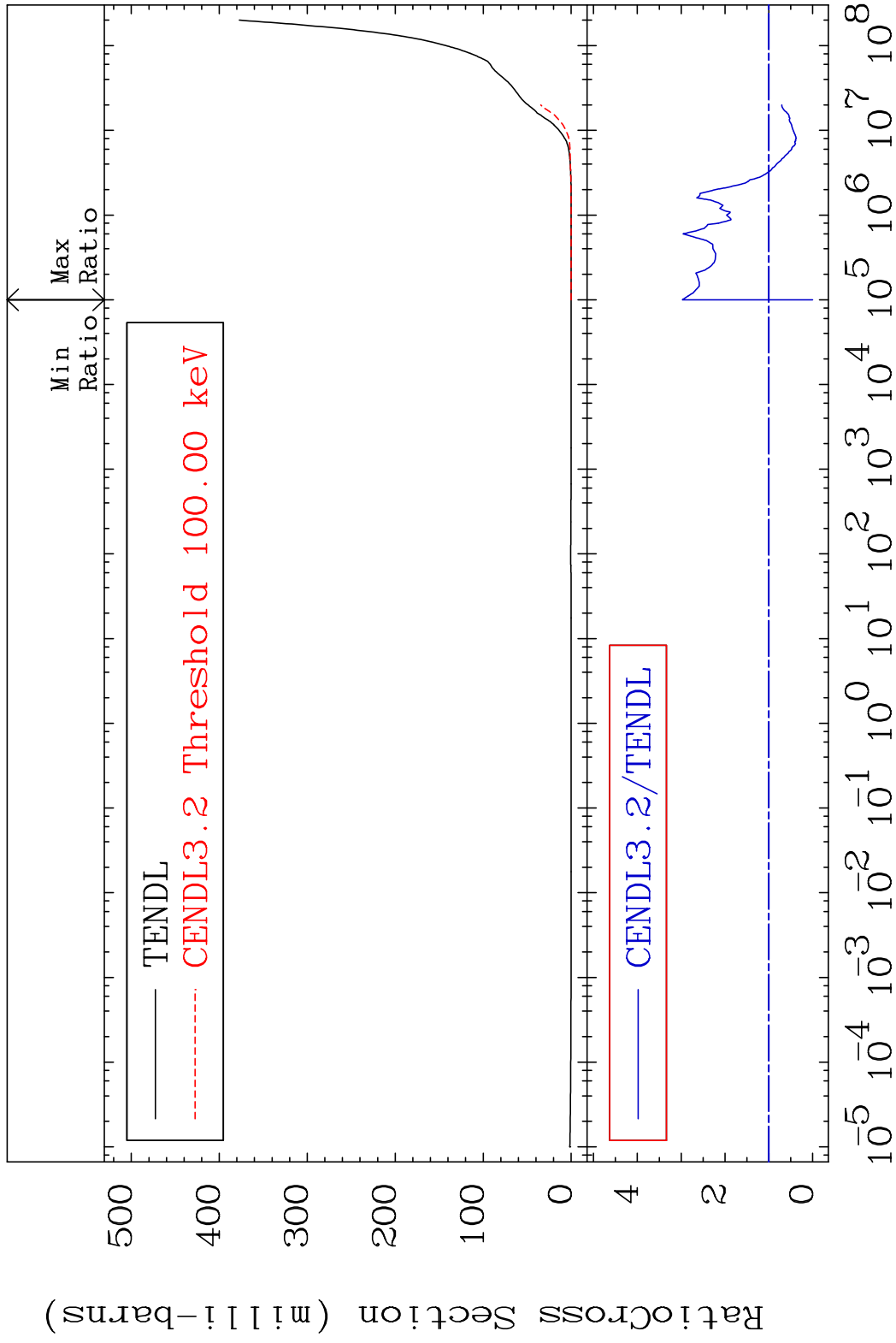
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -100.0 To 197.3 %

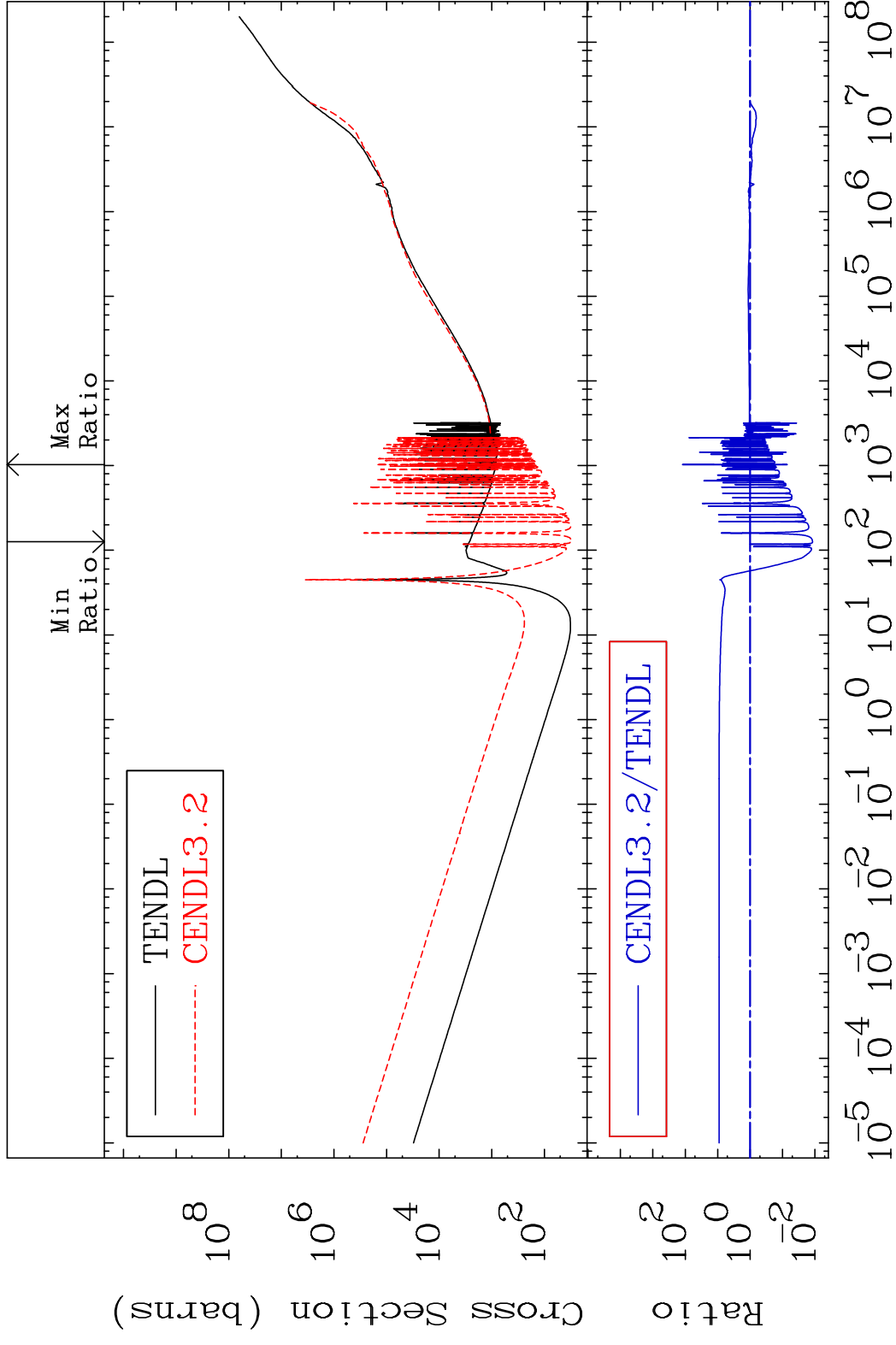


23

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
 Cross Section -98.82 To 9999. %

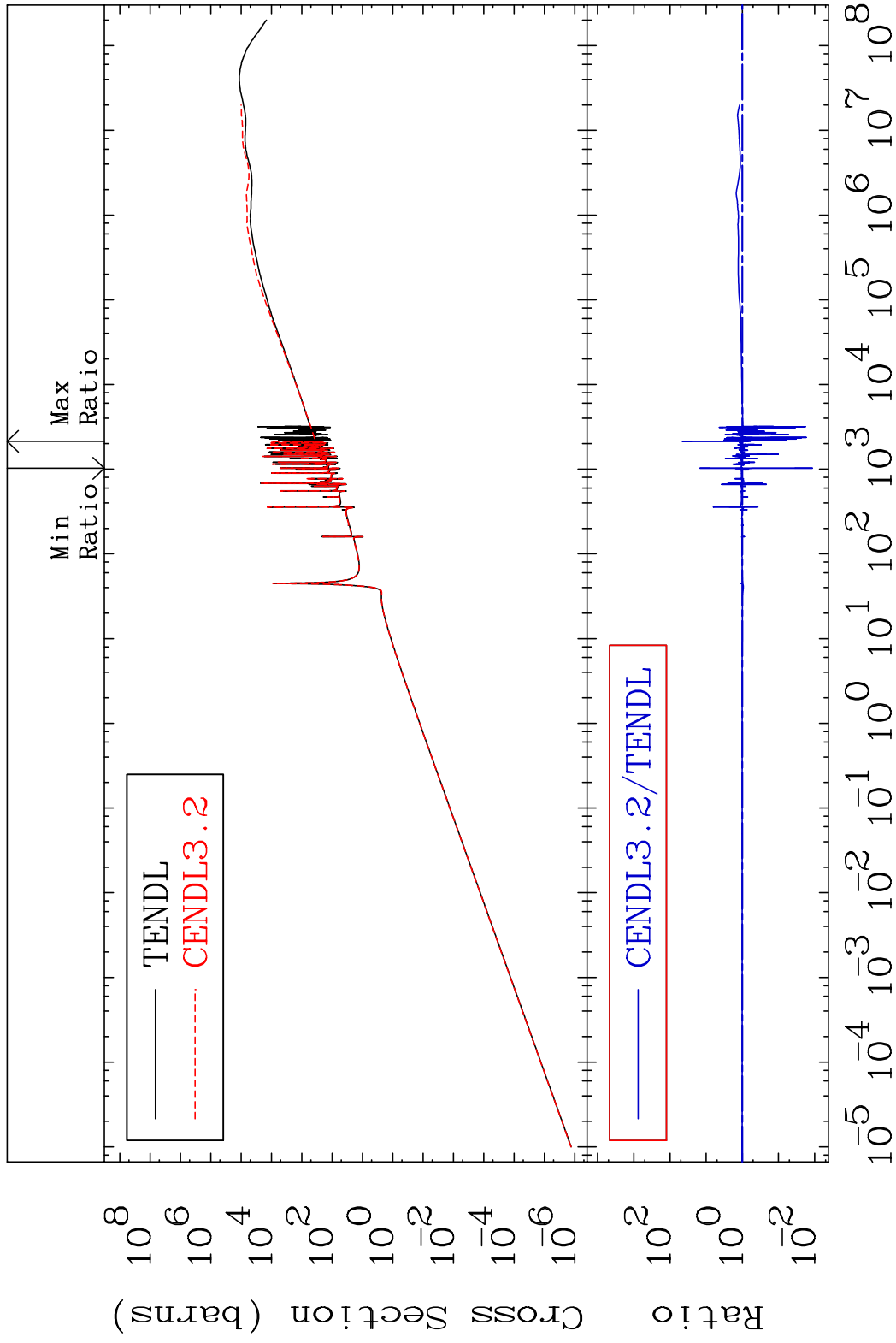


MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.86 To 4448. %

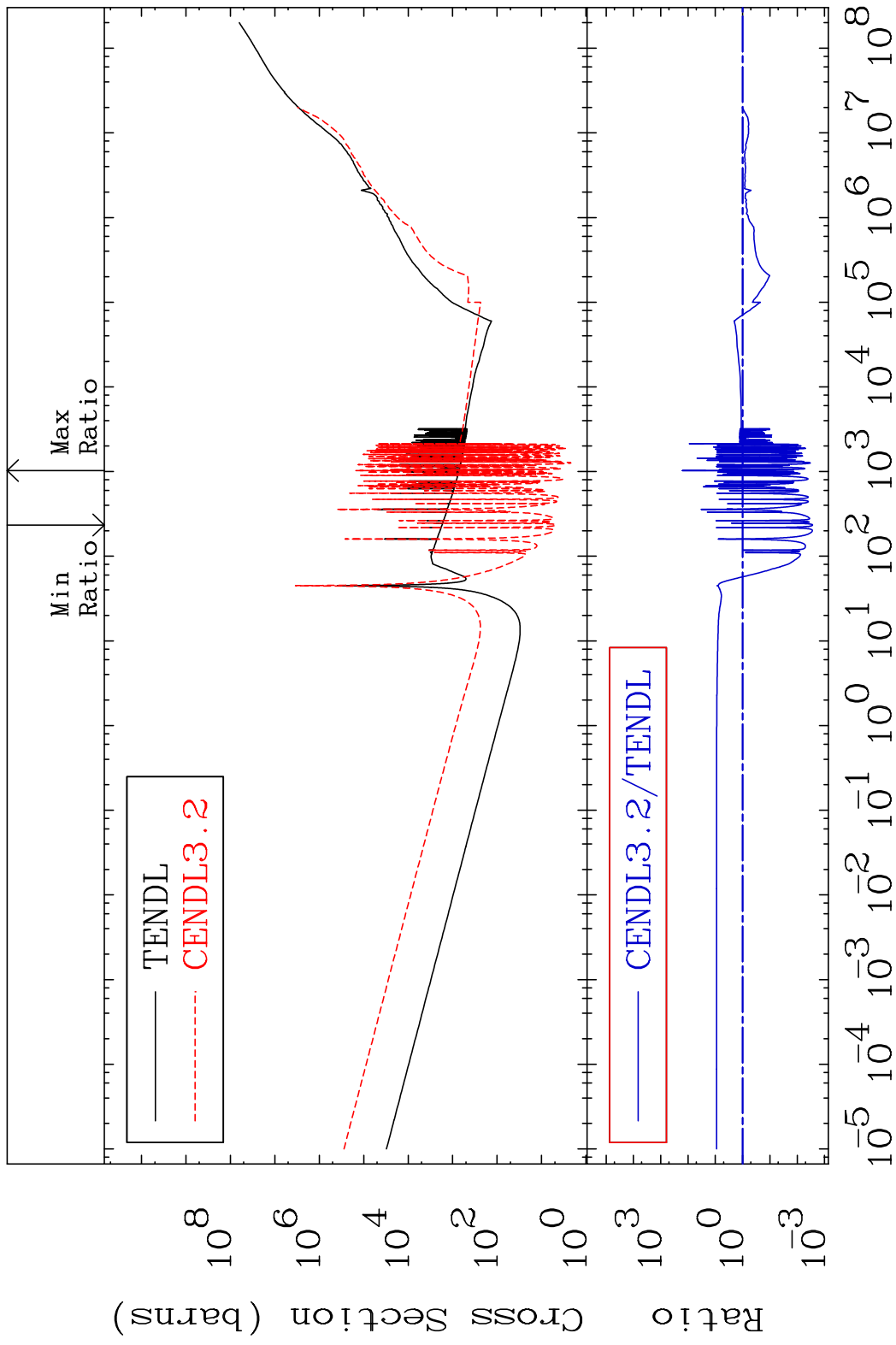


25

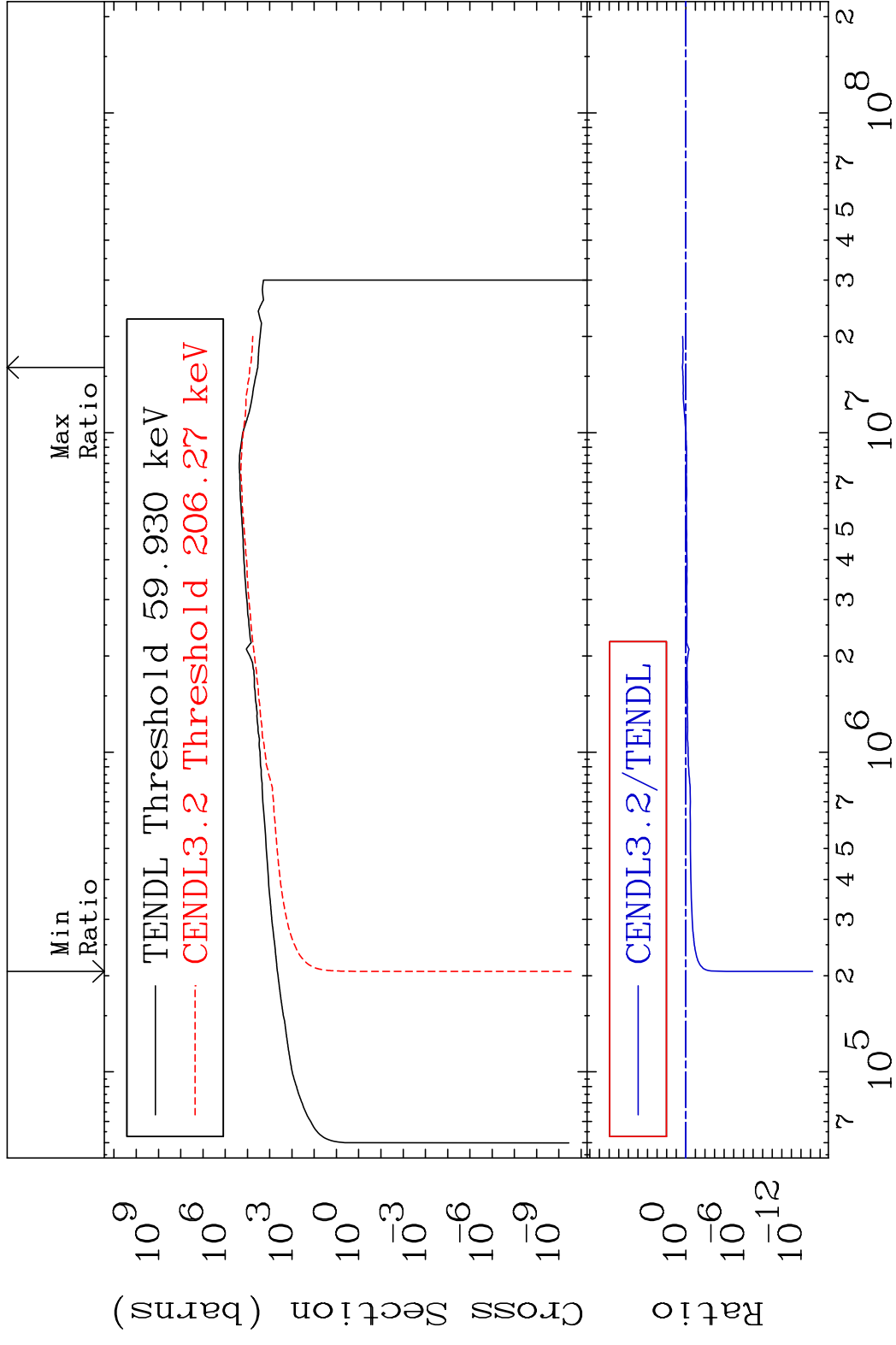
Incident Energy (eV)

42-Mo-95

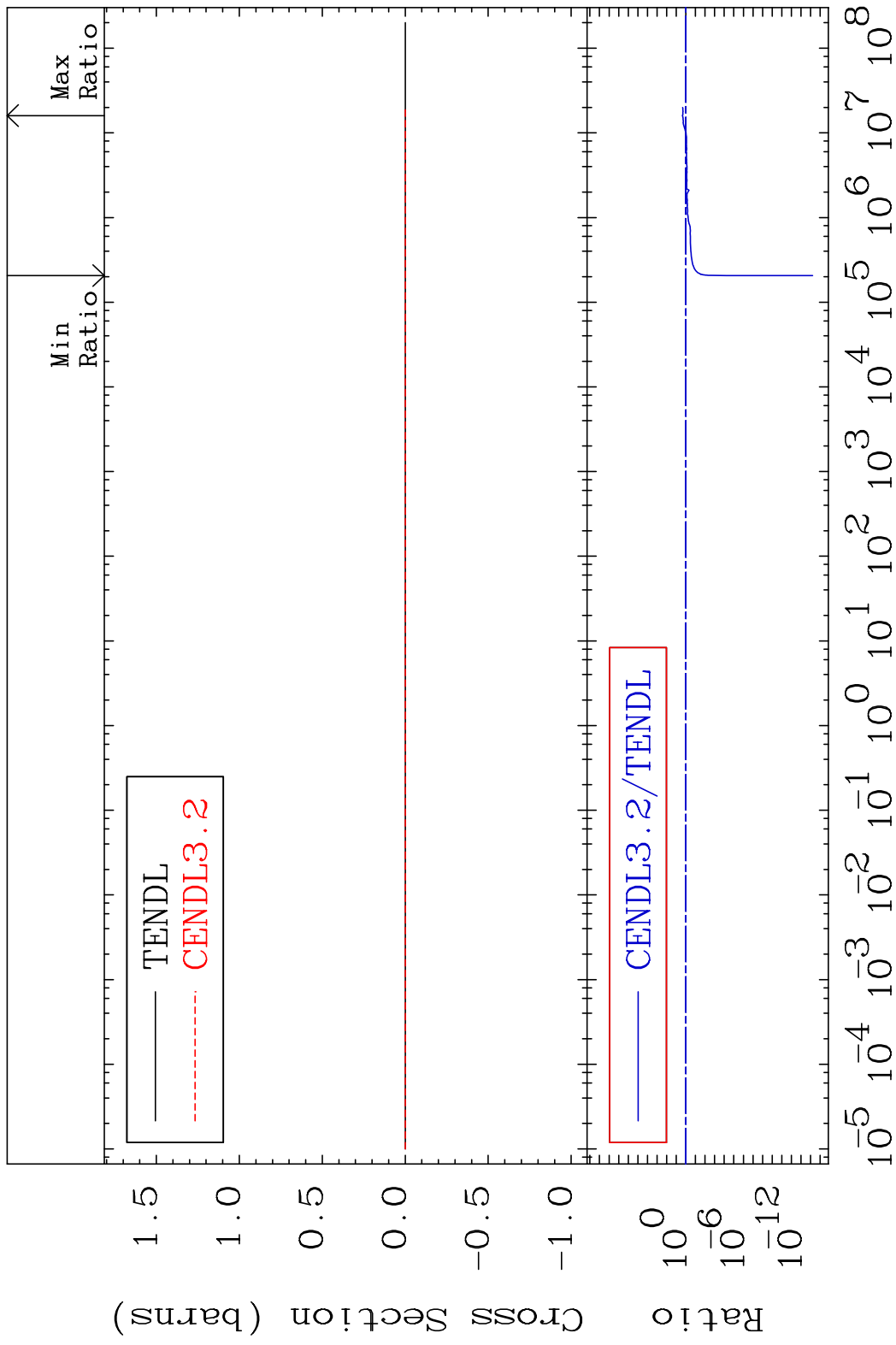
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
 Cross Section -99.73 To 9999. %



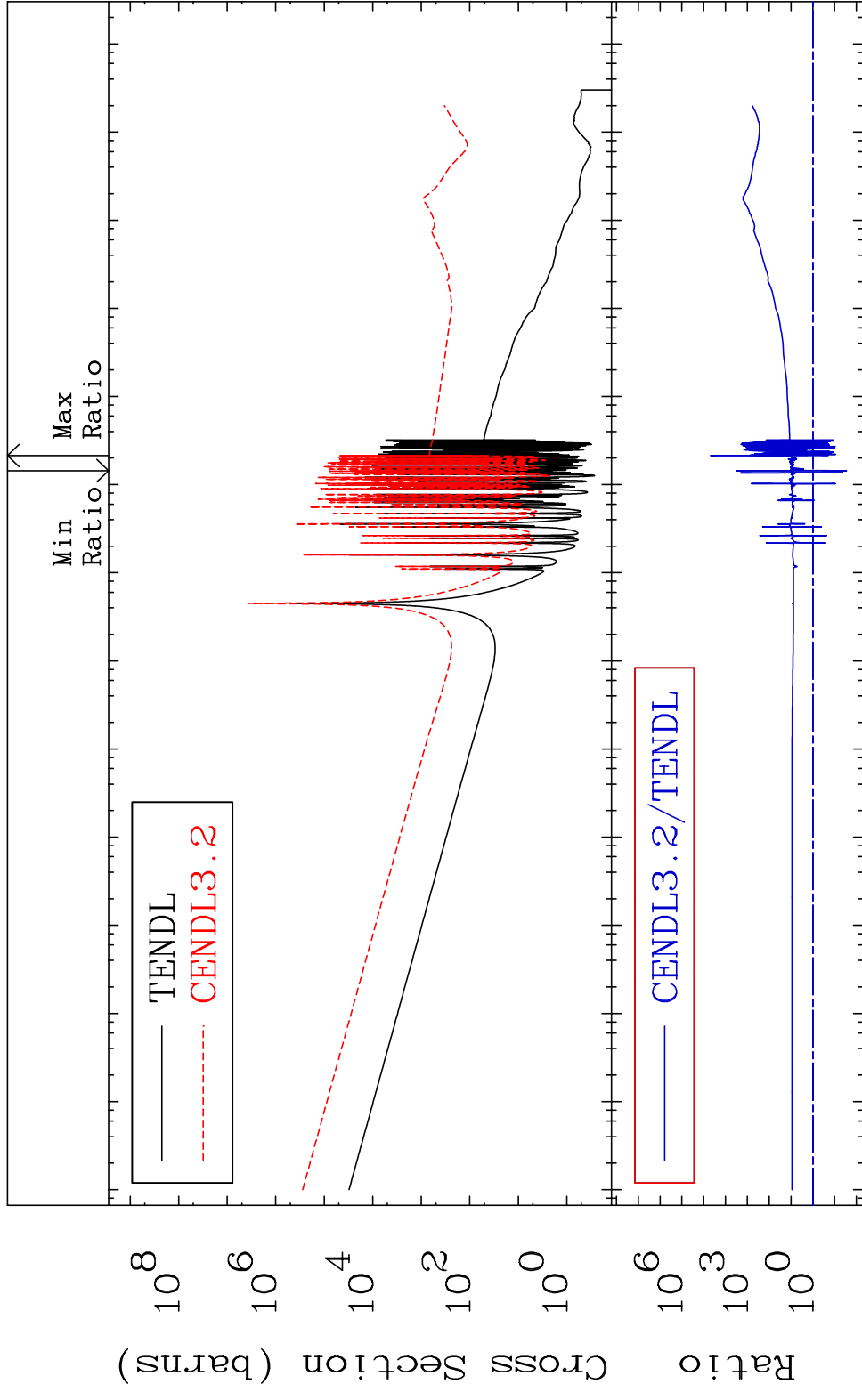
MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 130.4 %



MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 130.4 %

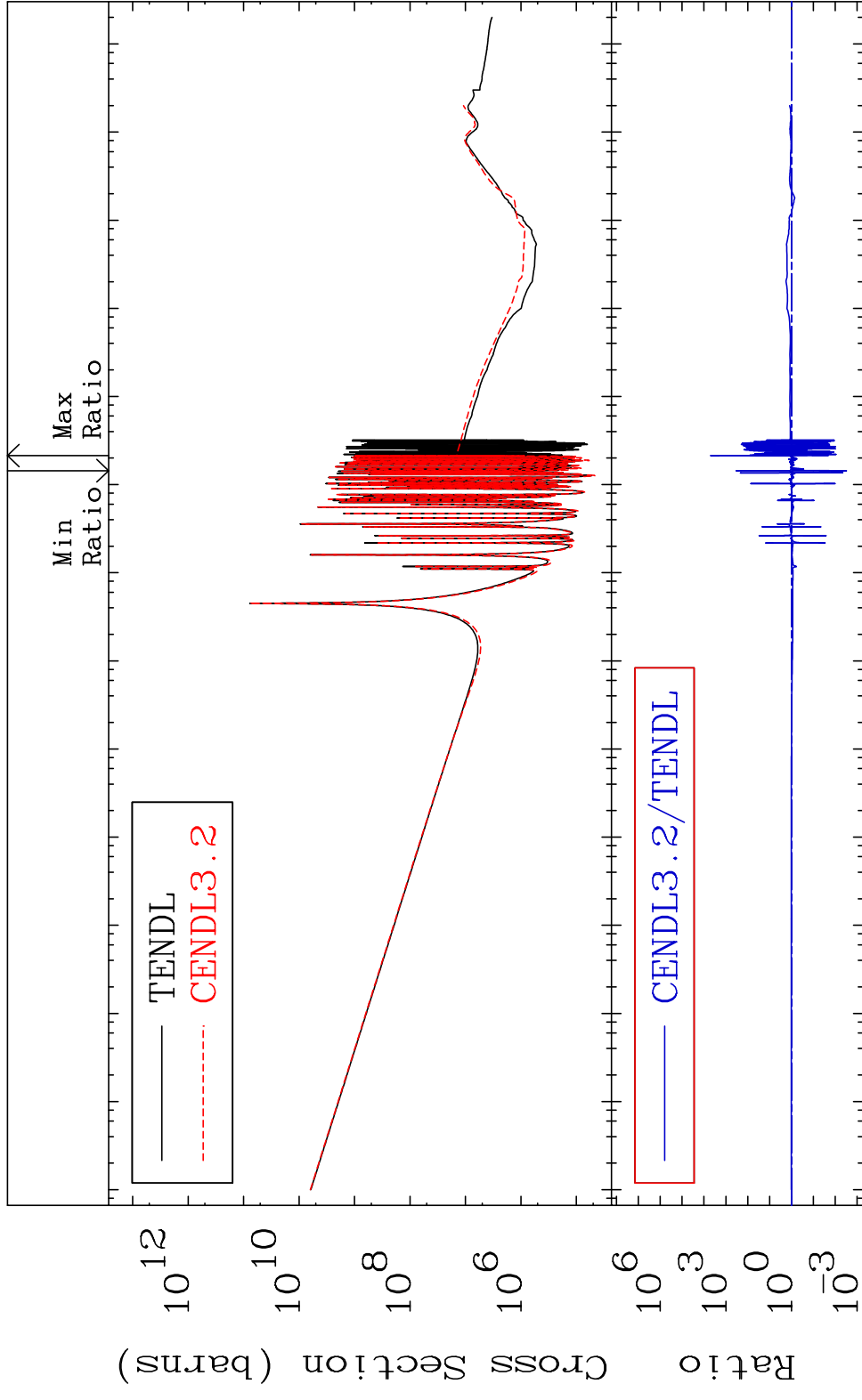


MAT 4234 Kerma capture (mt102) 42-Mo-95
 Cross Section -97.10 To 9999. %



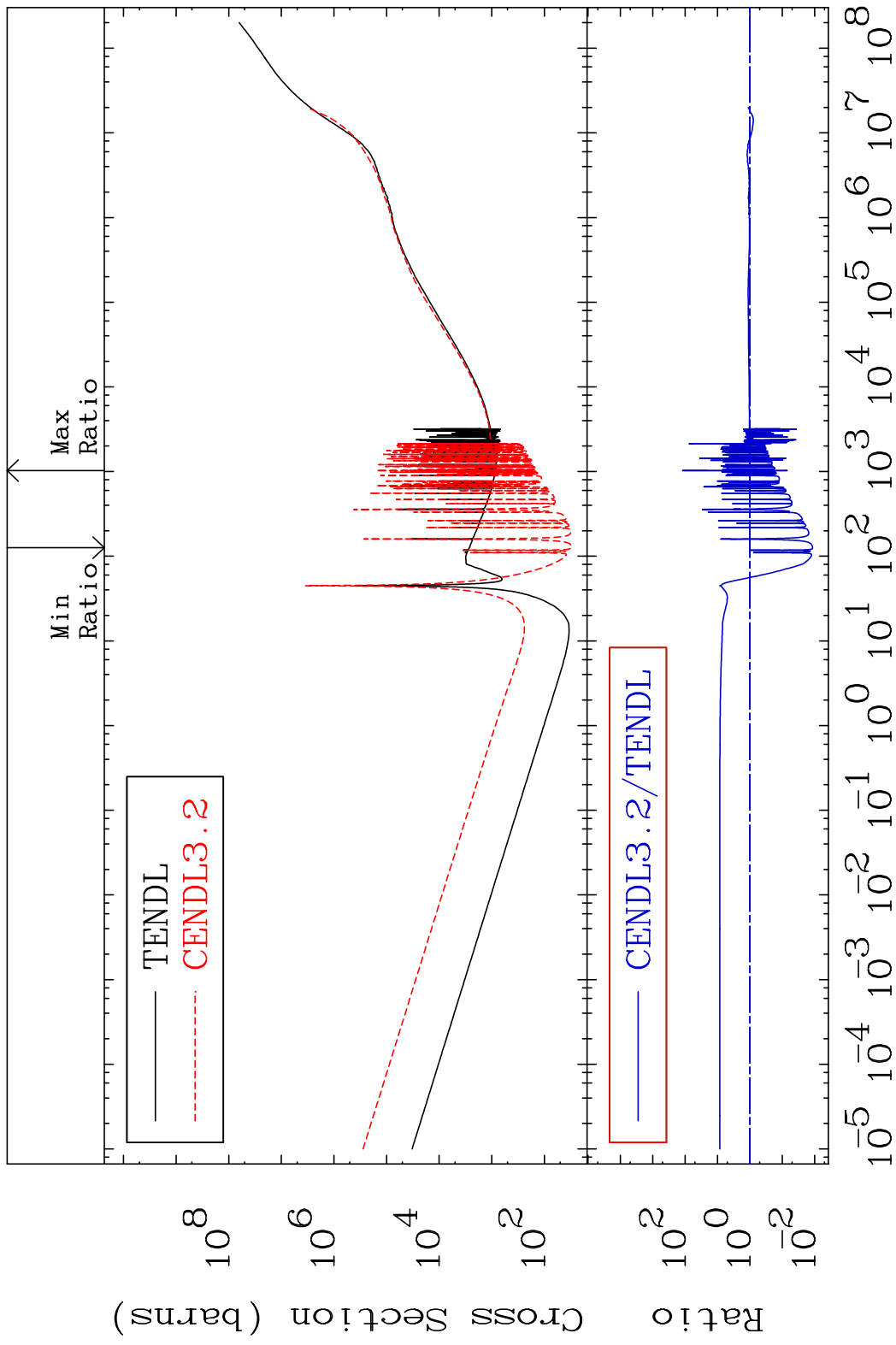
29 Incident Energy (eV) 42-Mo-95

MAT 4234 Total photon (eV-barns) 42-Mo-95
Cross Section -99.69 To 9999. %



30 Incident Energy (eV) 42-Mo-95

MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -98.83 To 9999. %

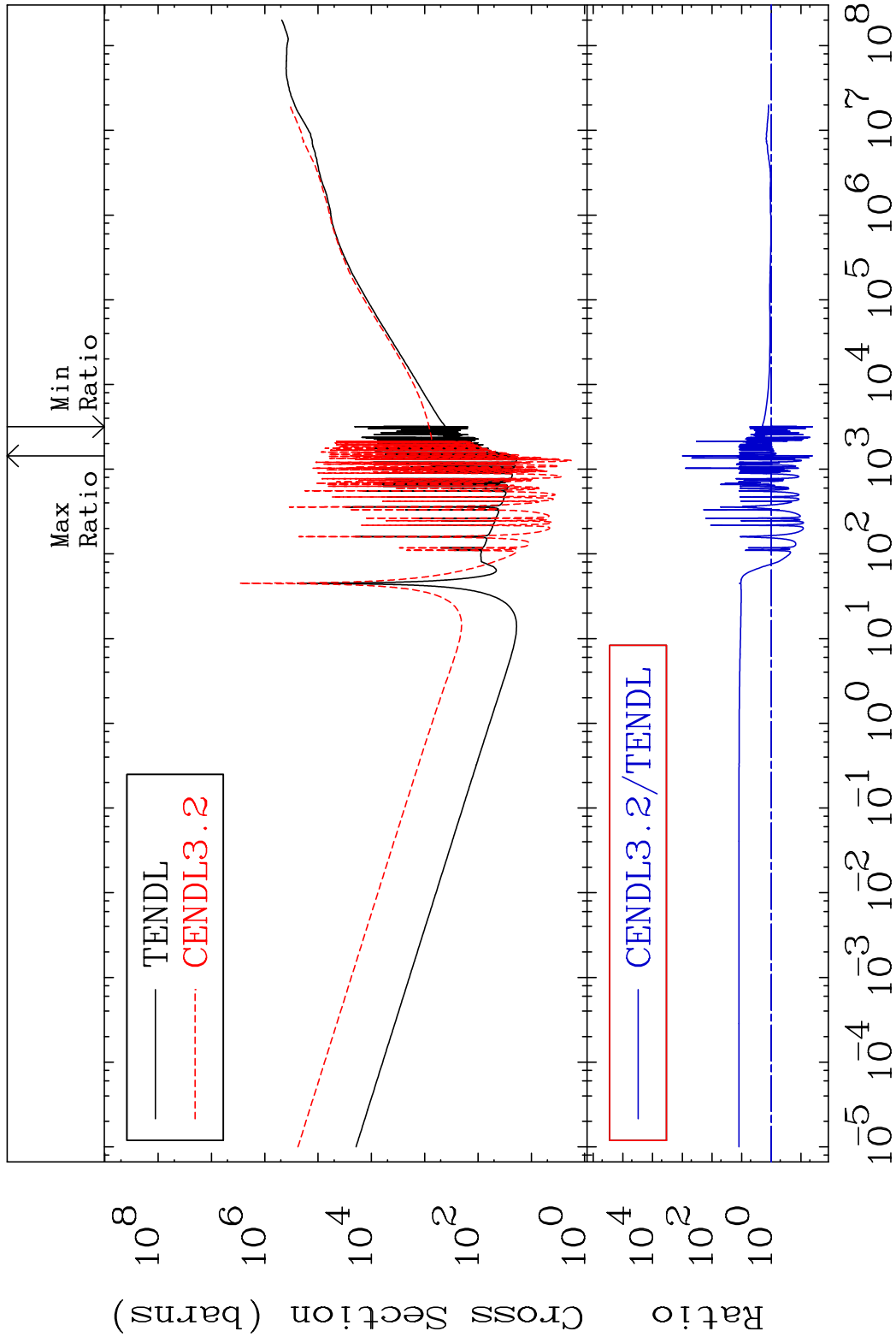


MAT 4234

Dpa total (eV-barns)

42-Mo-95

Cross Section -95.92 To 9999. %

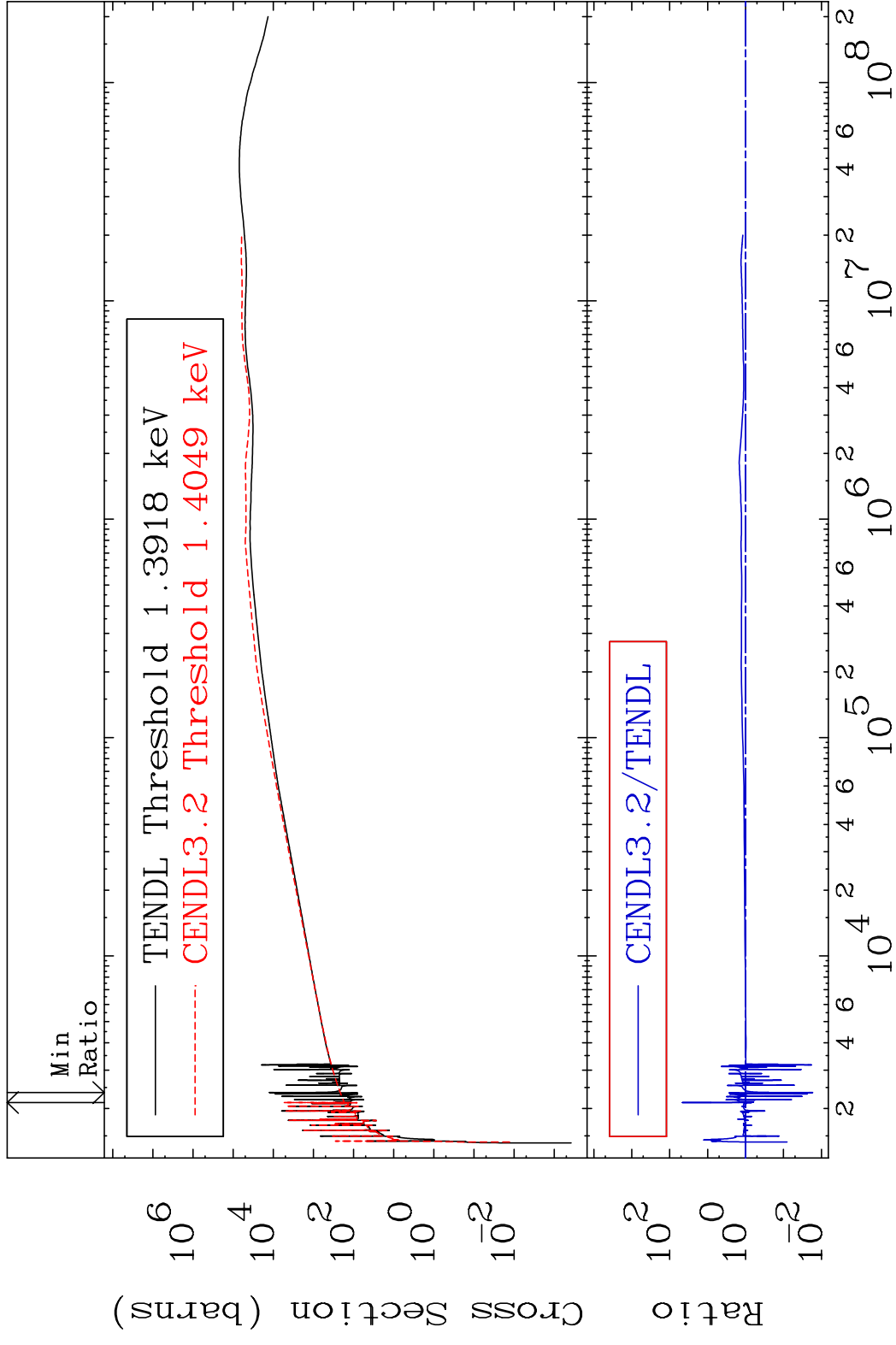


32

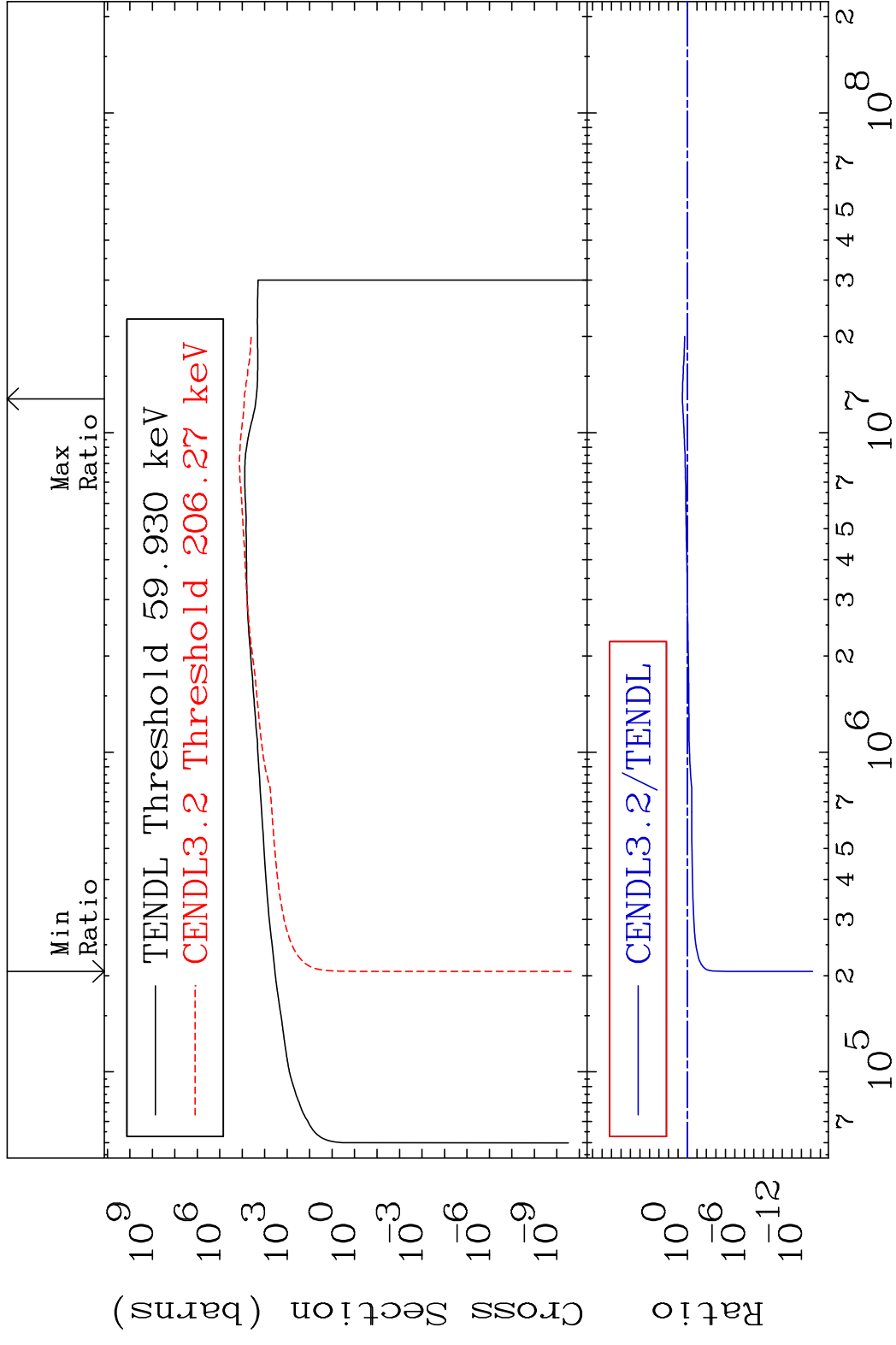
Incident Energy (eV)

42-Mo-95

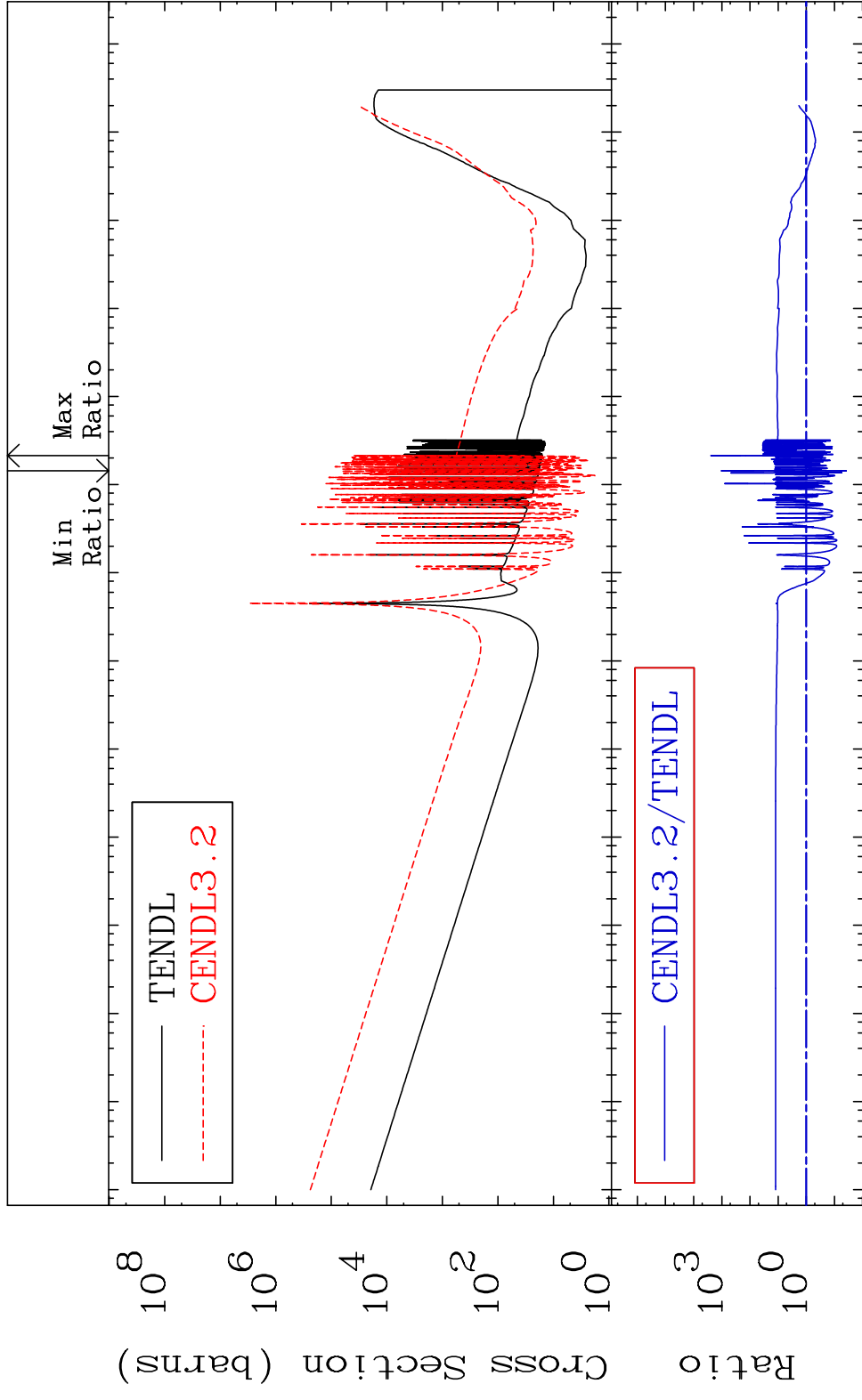
MAT 4234 Dpa elastic (mt2) 42-Mo-95
 Cross Section -98.28 To 4539. %



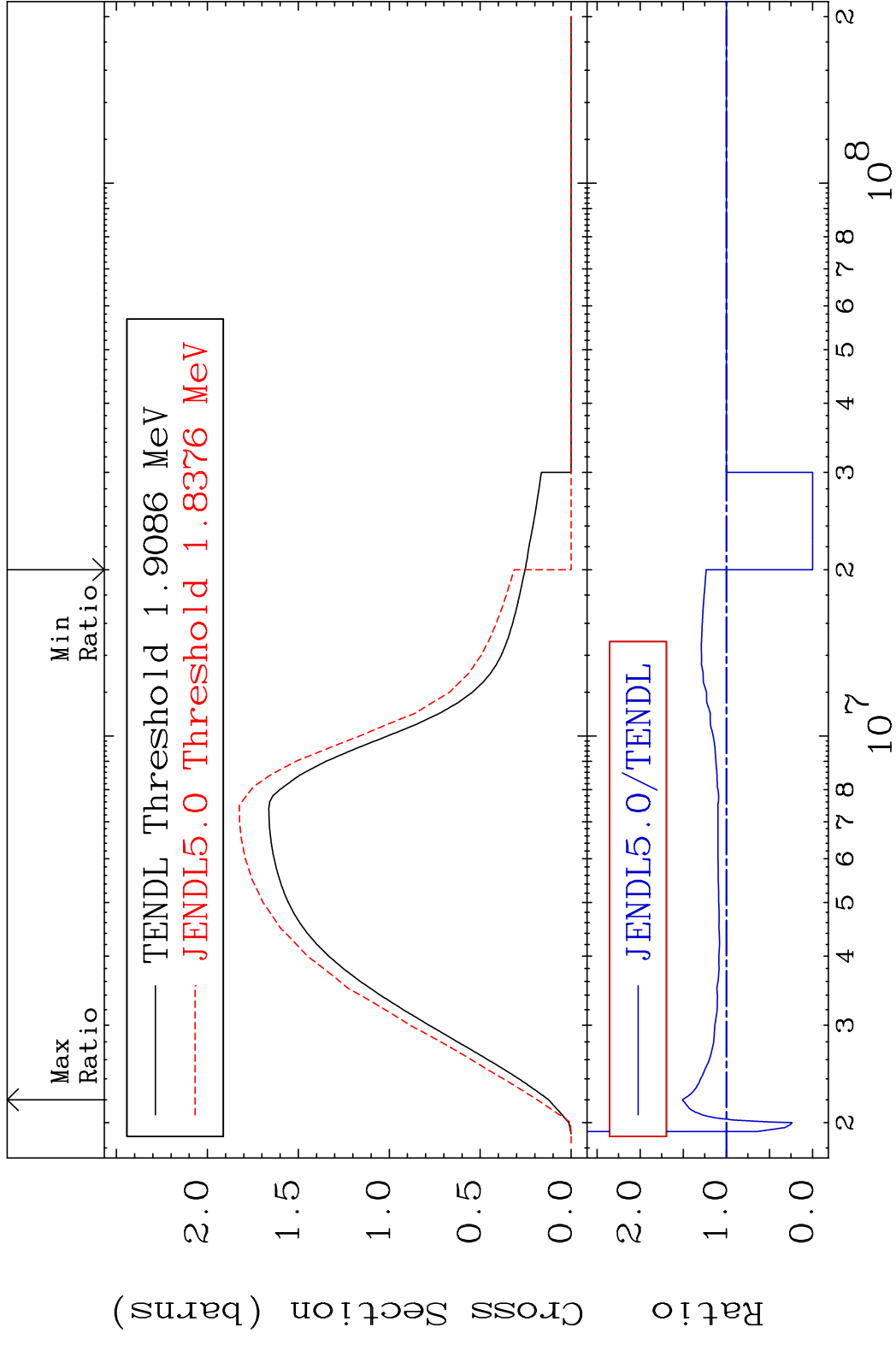
MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 243.8 %



MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -96.23 To 9999. %



MAT 4234 (n, n') Continuum 42-Mo-95
 Cross Section -100.0 To 51.07 %

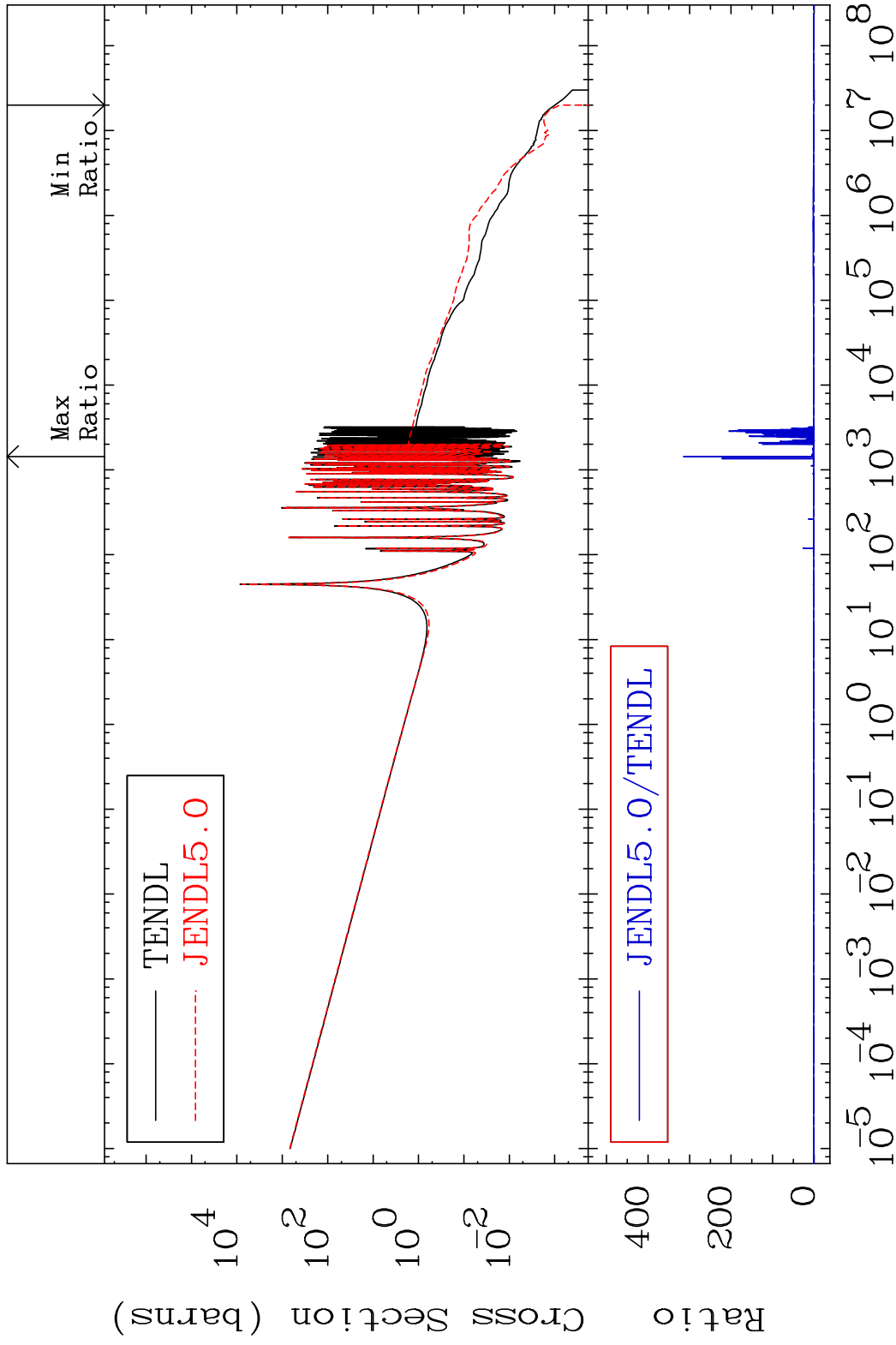


MAT 4234

(n, γ)

42-Mo-95

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

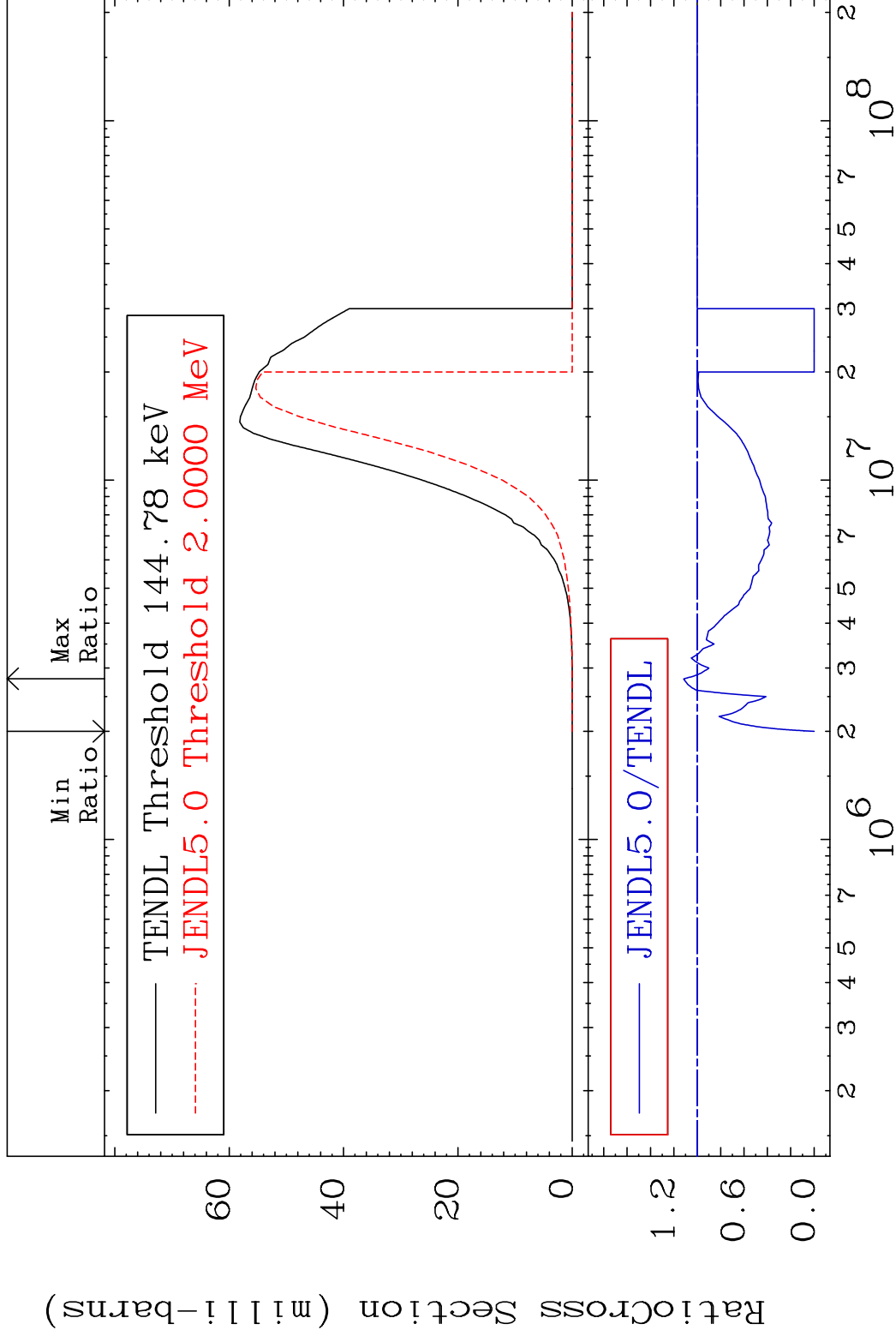
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 11.61 %



38

Incident Energy (eV)

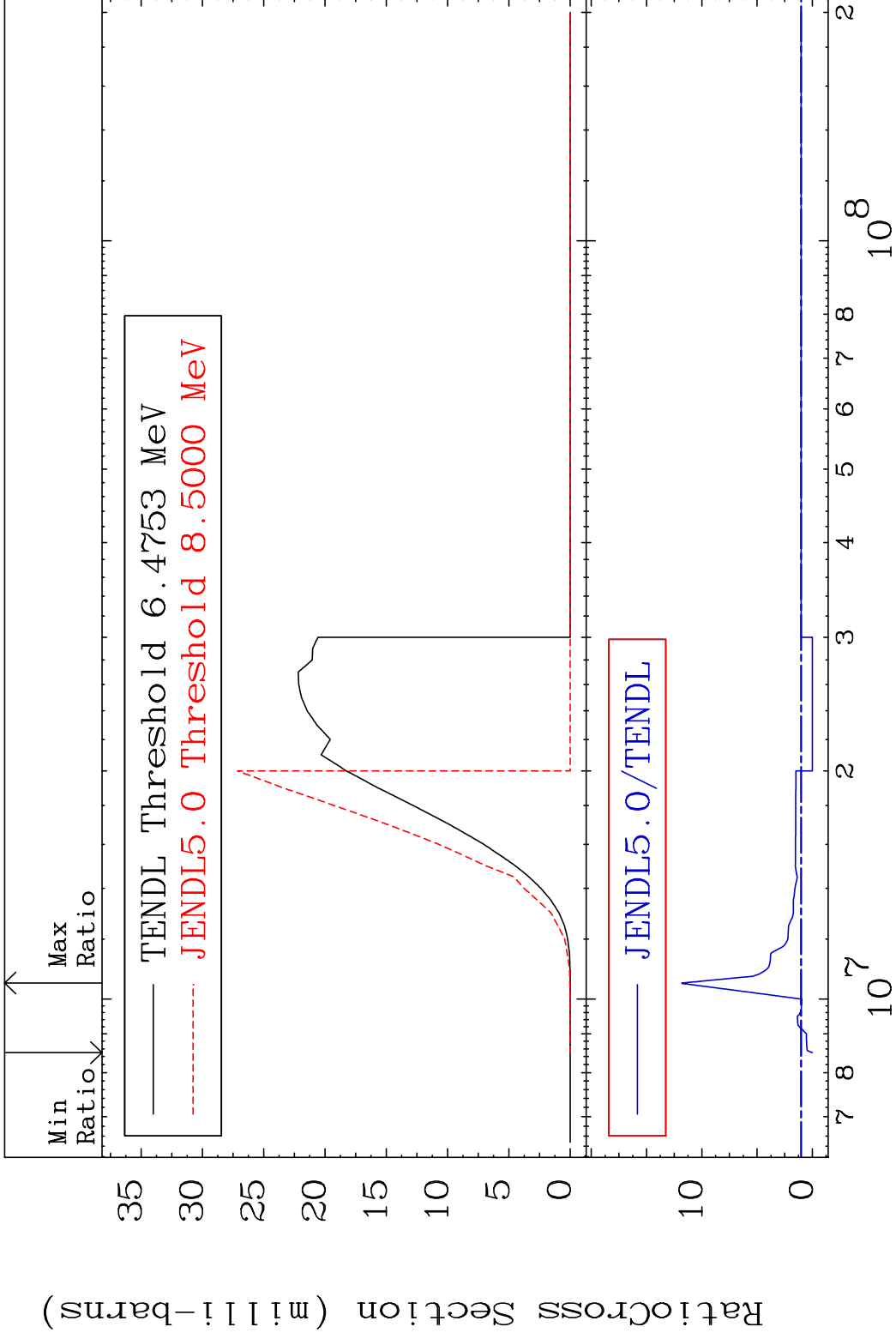
42-Mo-95

MAT 4234

(n,d)

42-Mo-95

Cross Section -100.0 To 1081. %



39

Incident Energy (eV)

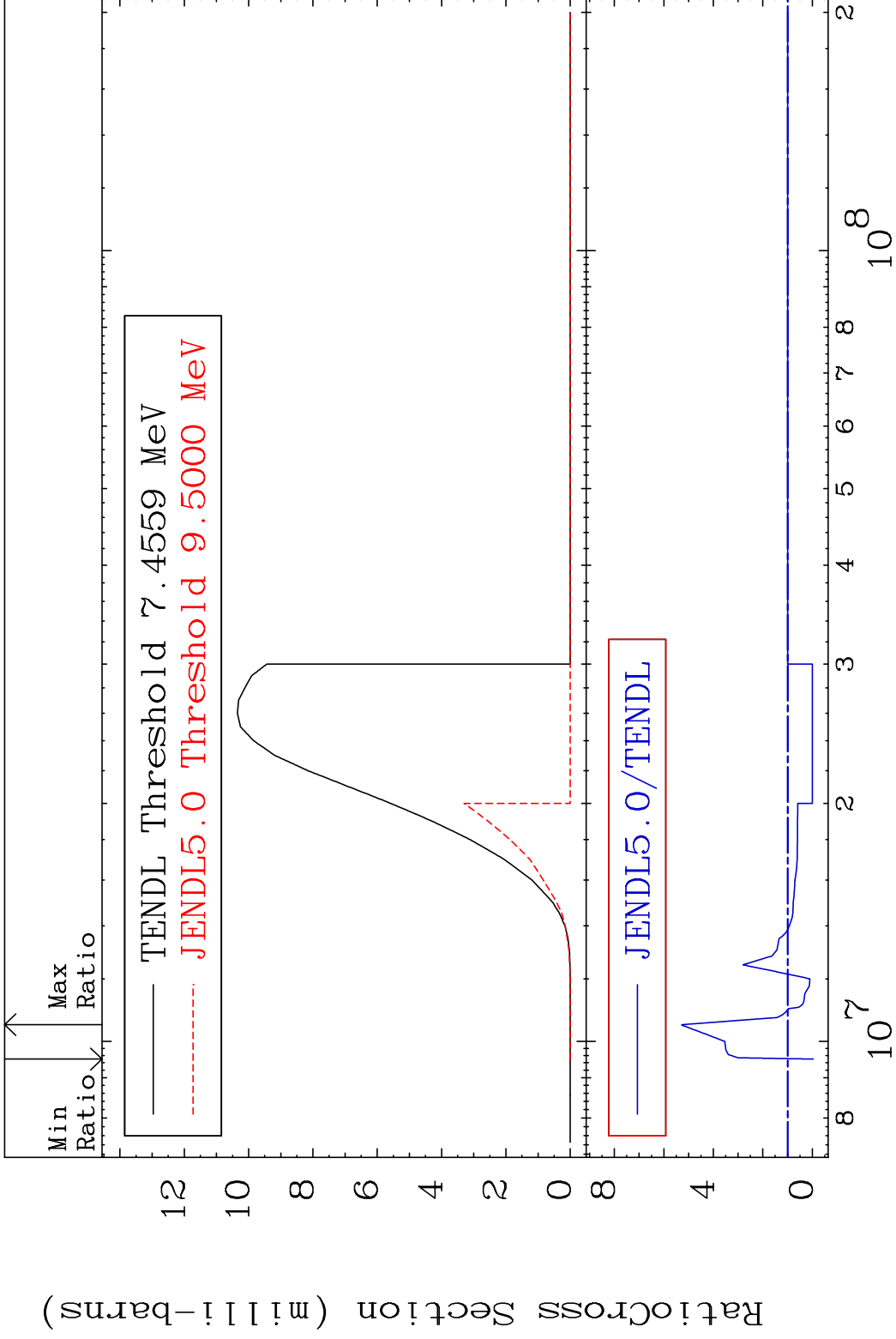
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 427.7 %



40

Incident Energy (eV)

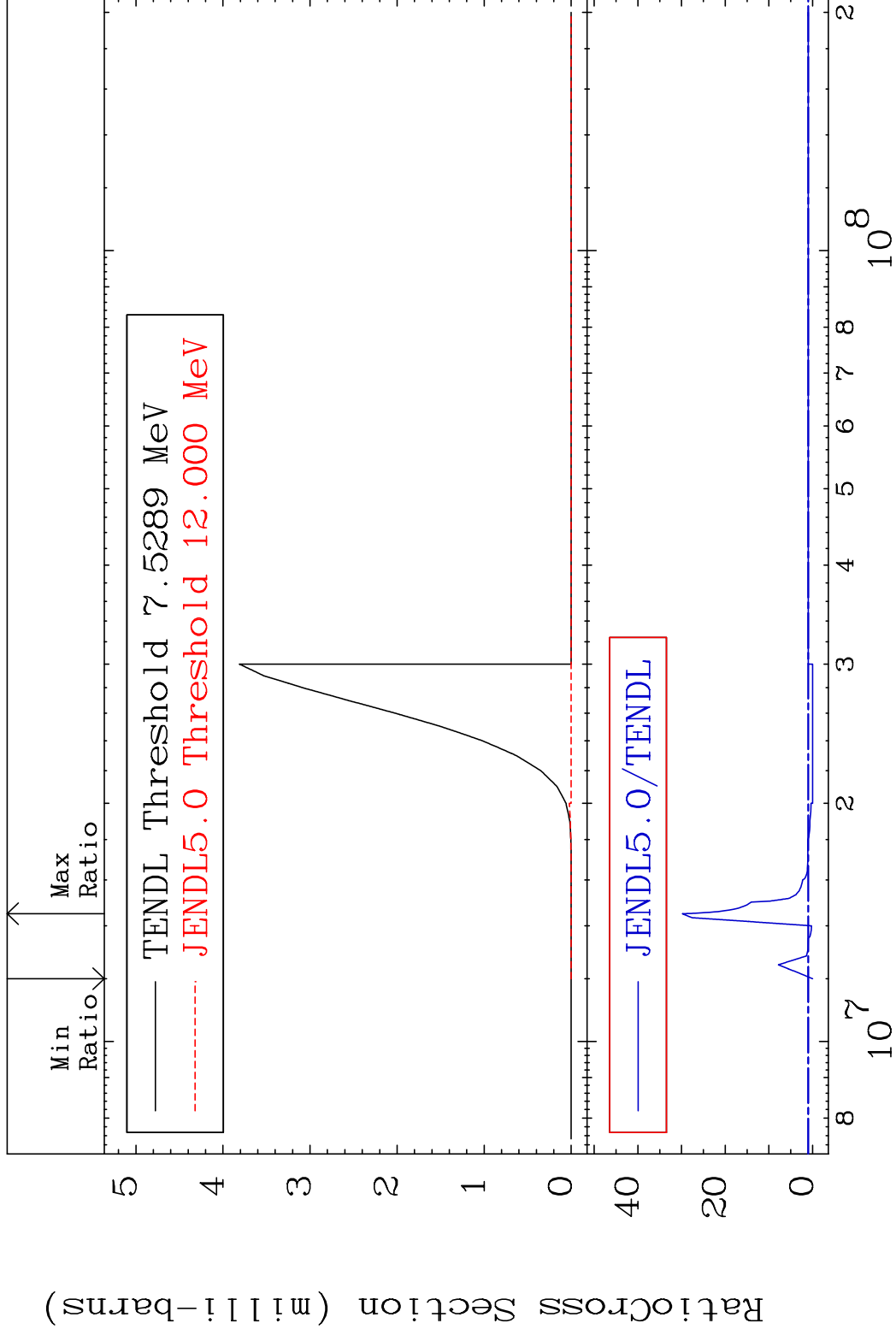
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 2882. %



41

Incident Energy (eV)

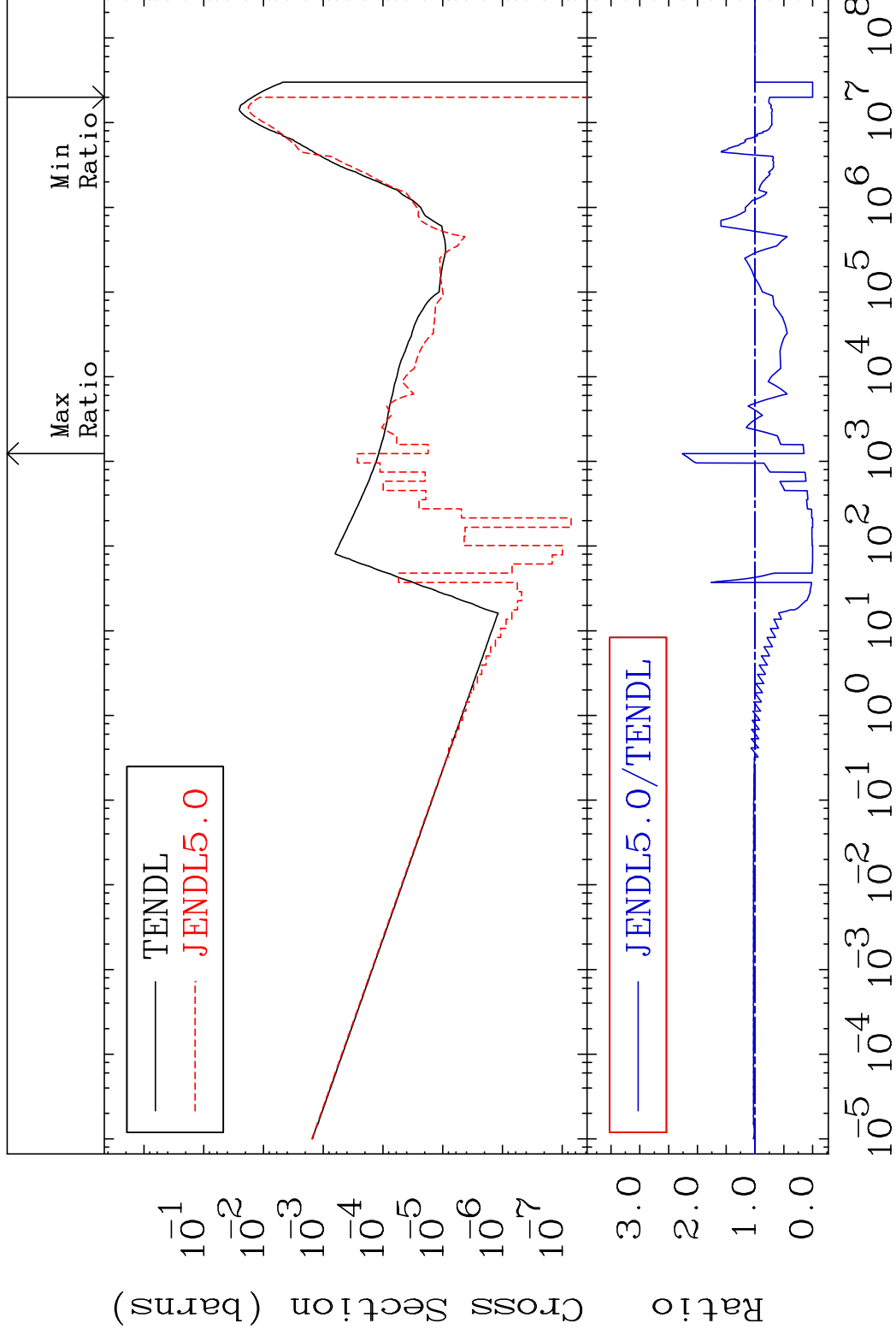
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

Cross Section -100.0 To 126.2 %

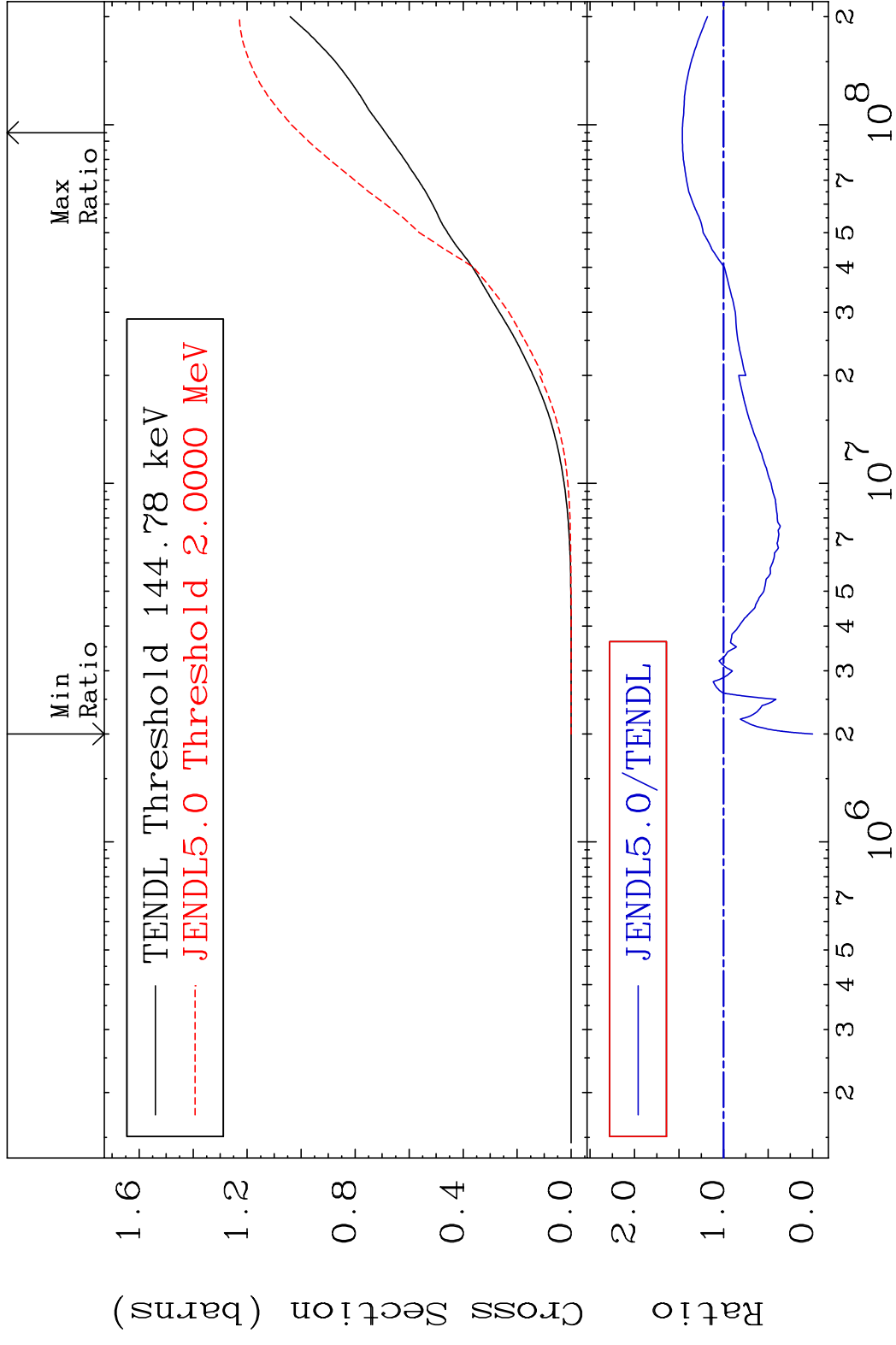


42

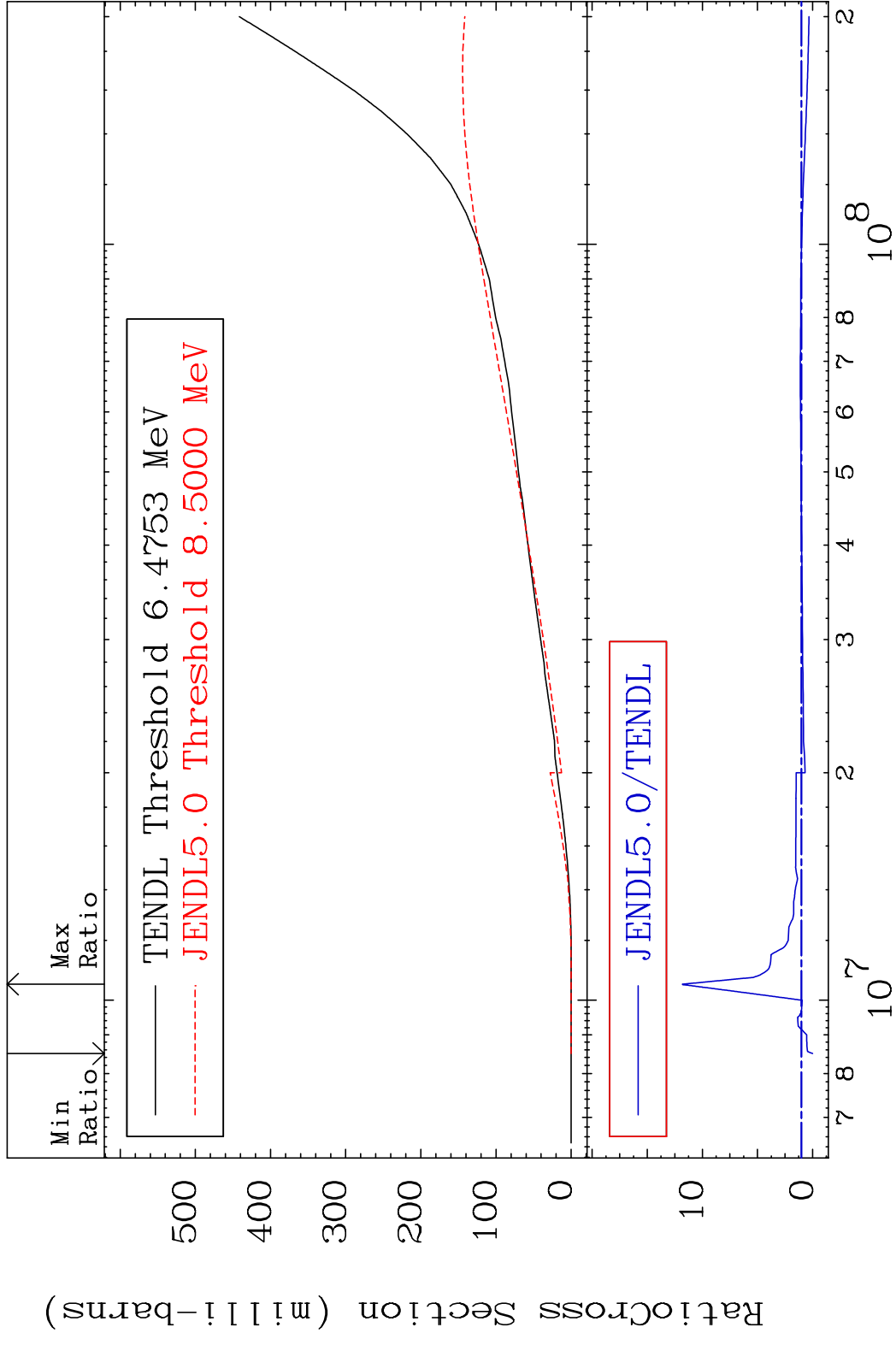
Incident Energy (eV)

42-Mo-95

MAT 4234 Hydrogen Production 42-Mo-95
 Cross Section -100.0 To 46.30 %



MAT 4234 Deuterium Production 42-Mo-95
 Cross Section -100.0 To 1081. %



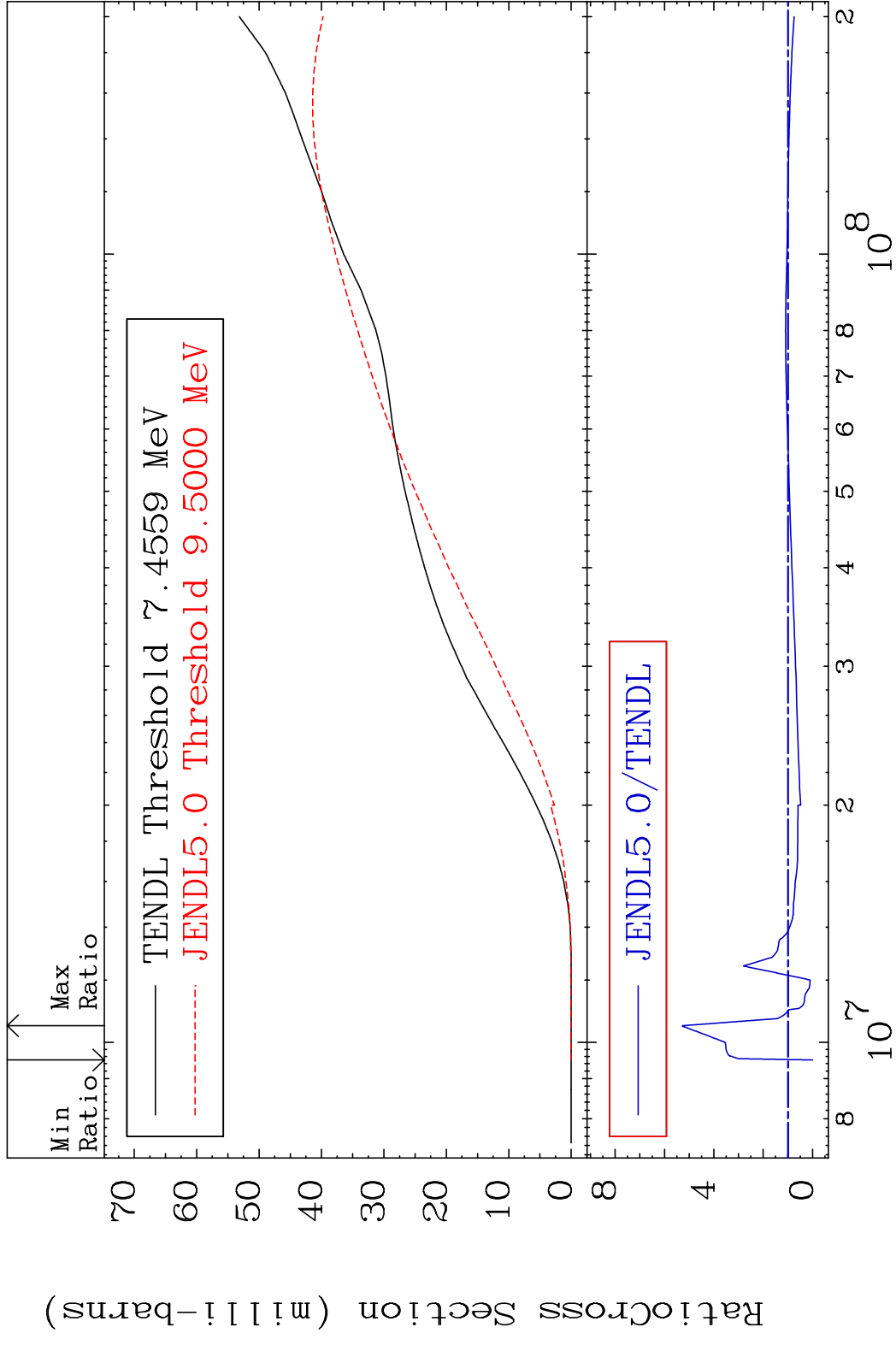
44 42-Mo-95

MAT 4234

Tritium Production

42-Mo-95

Cross Section -100.0 To 427.7 %



45

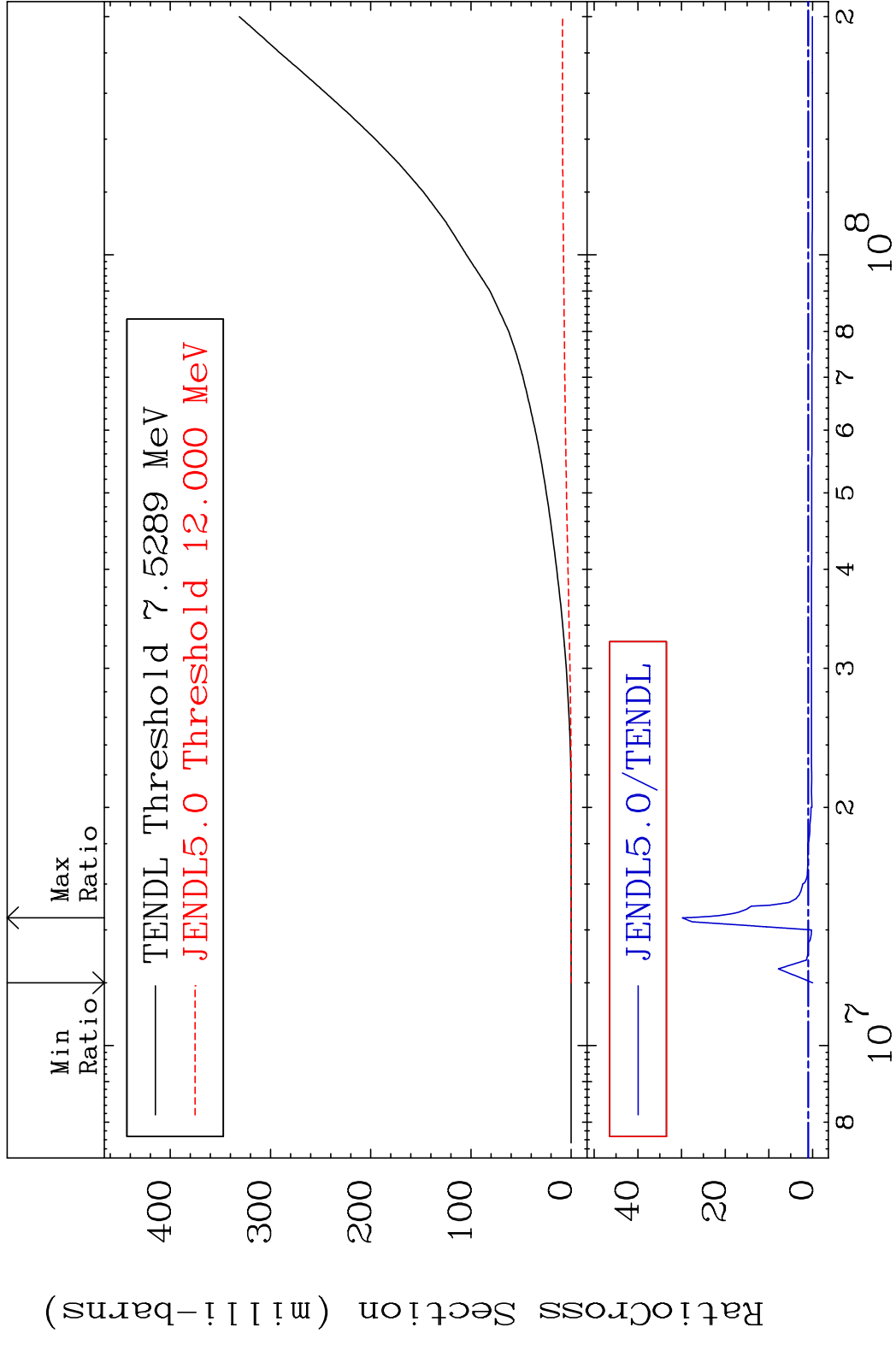
42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 2882. %



46

Incident Energy (eV)

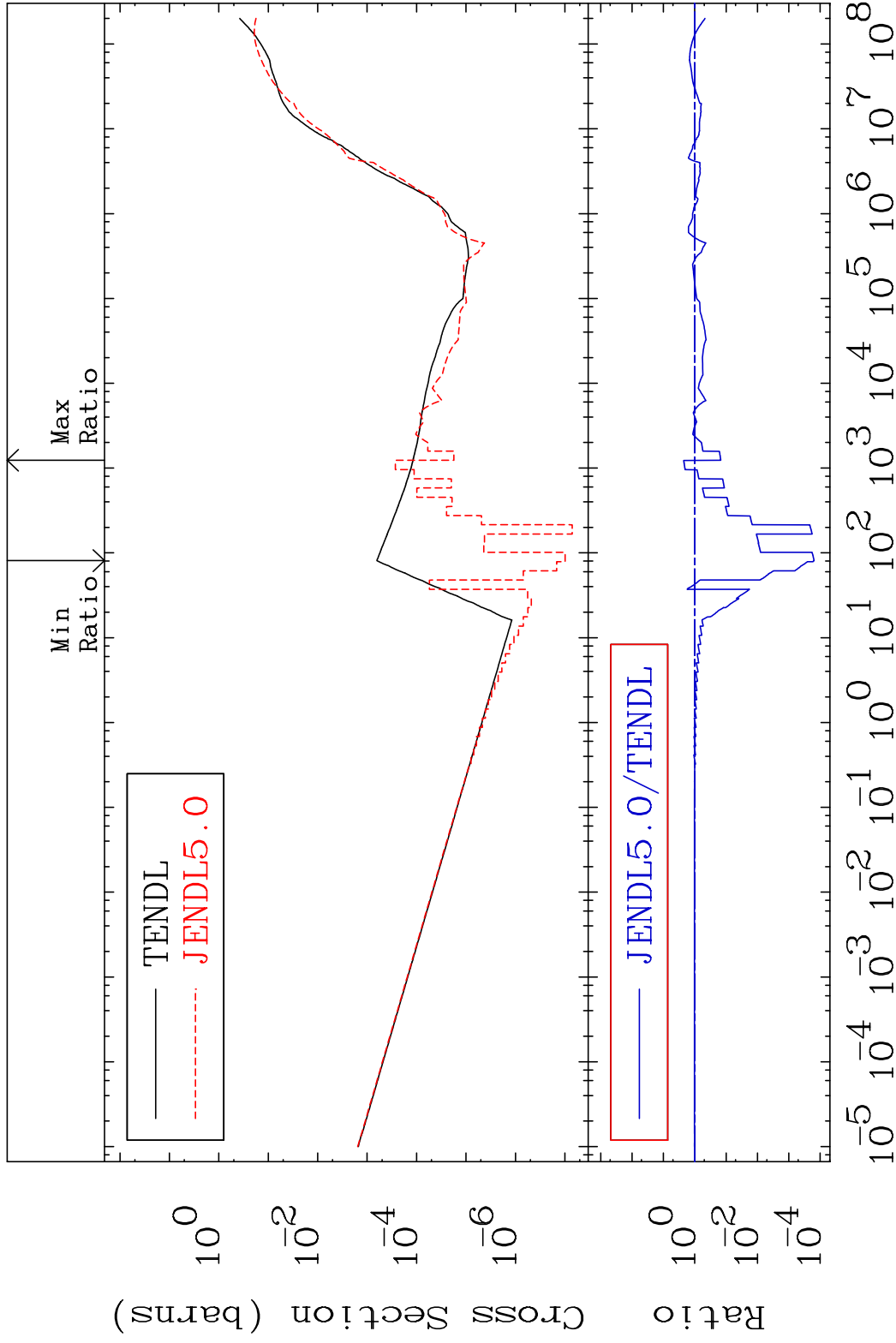
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -99.98 To 126.2 %

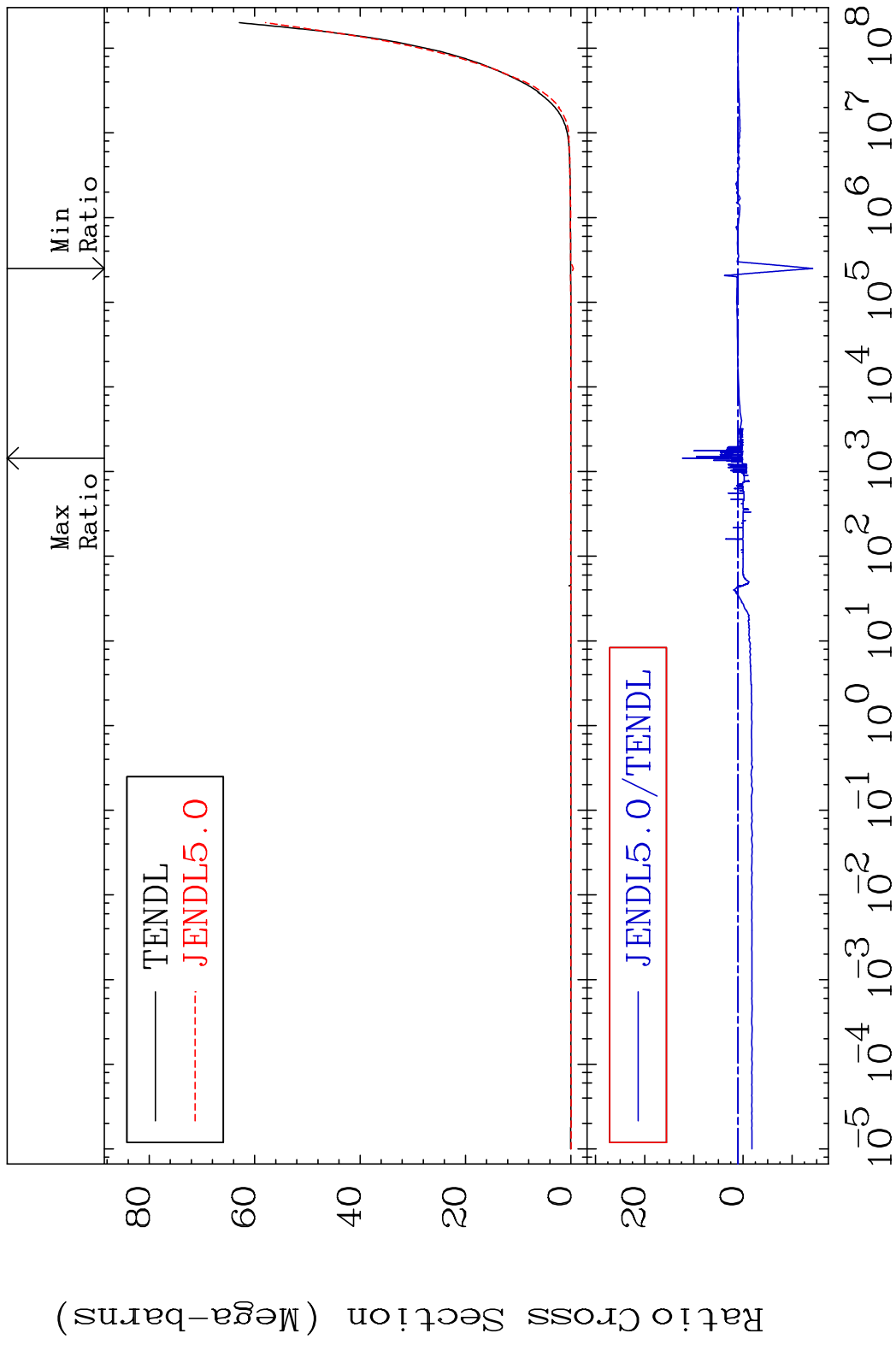


47

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
Cross Section -1515. To 1134. %

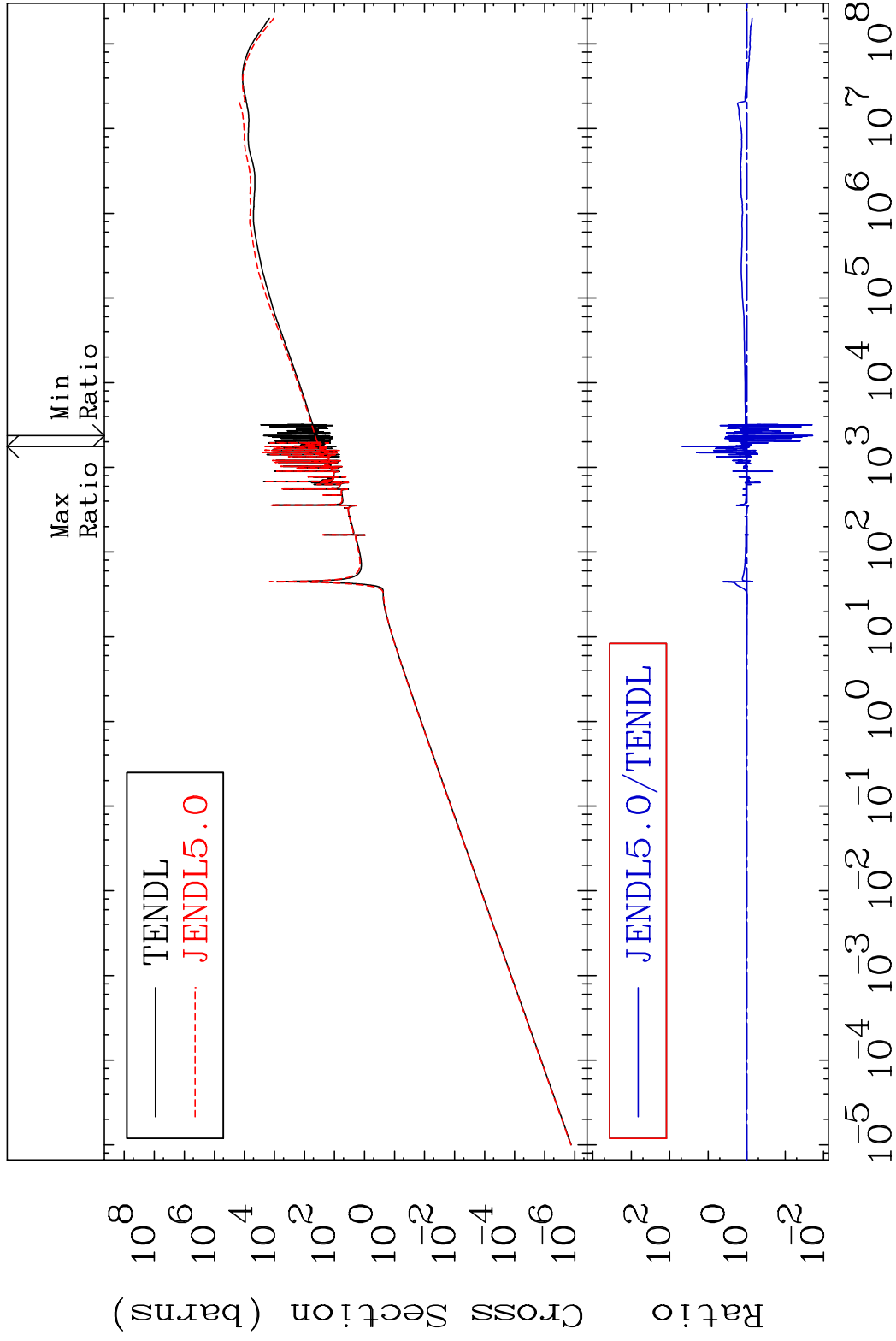


MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.06 To 4592. %

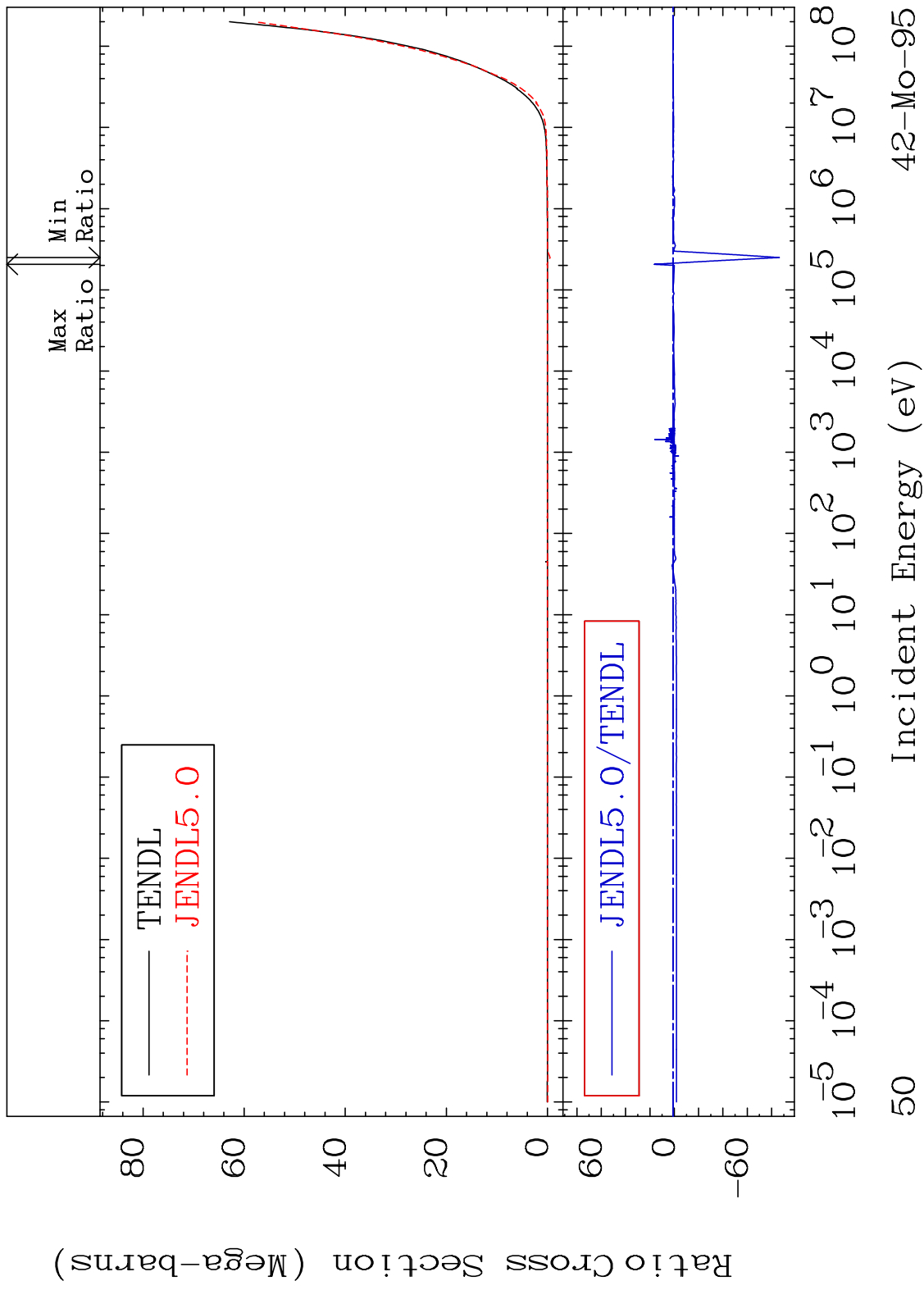


49

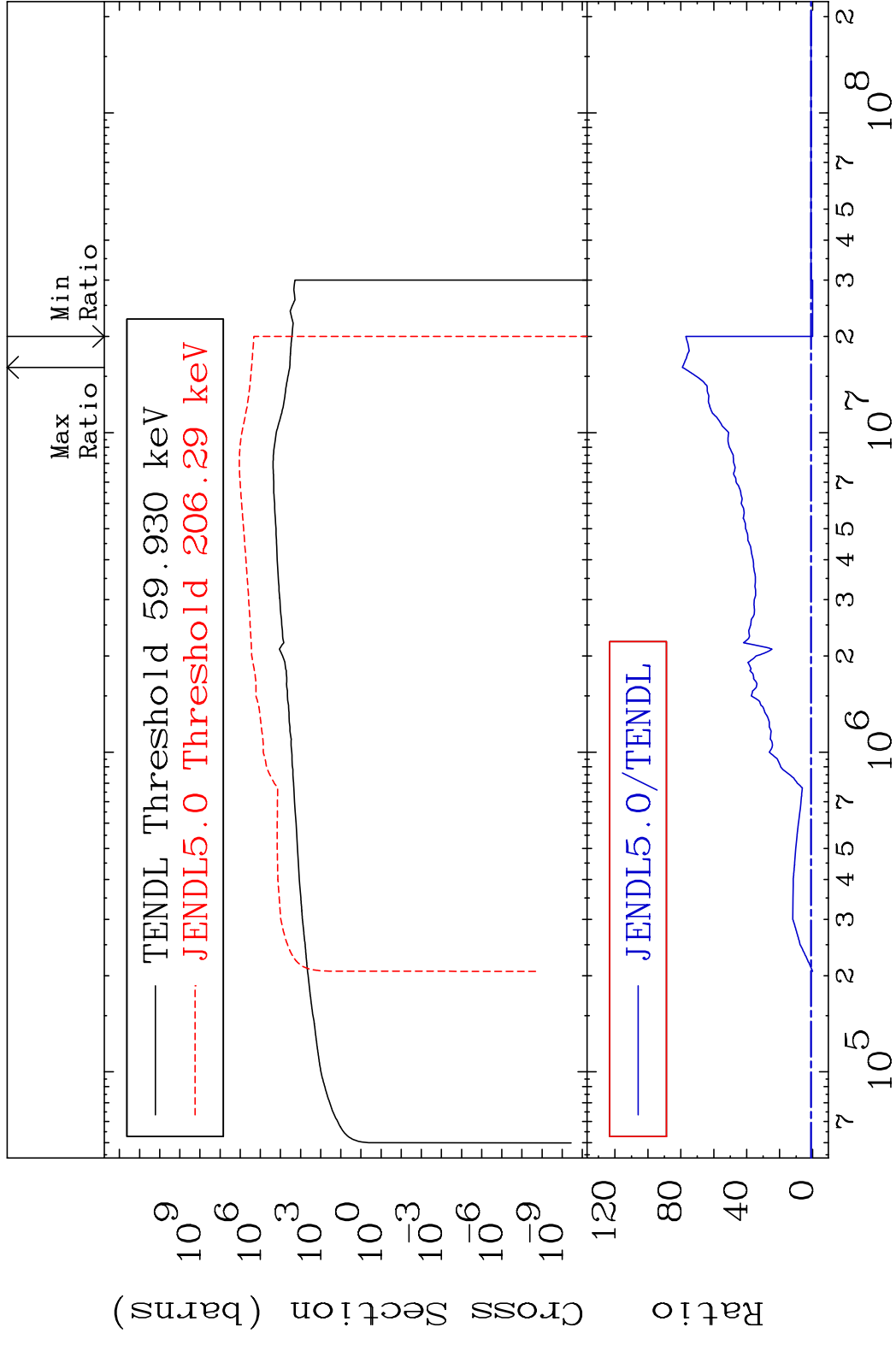
Incident Energy (eV)

42-Mo-95

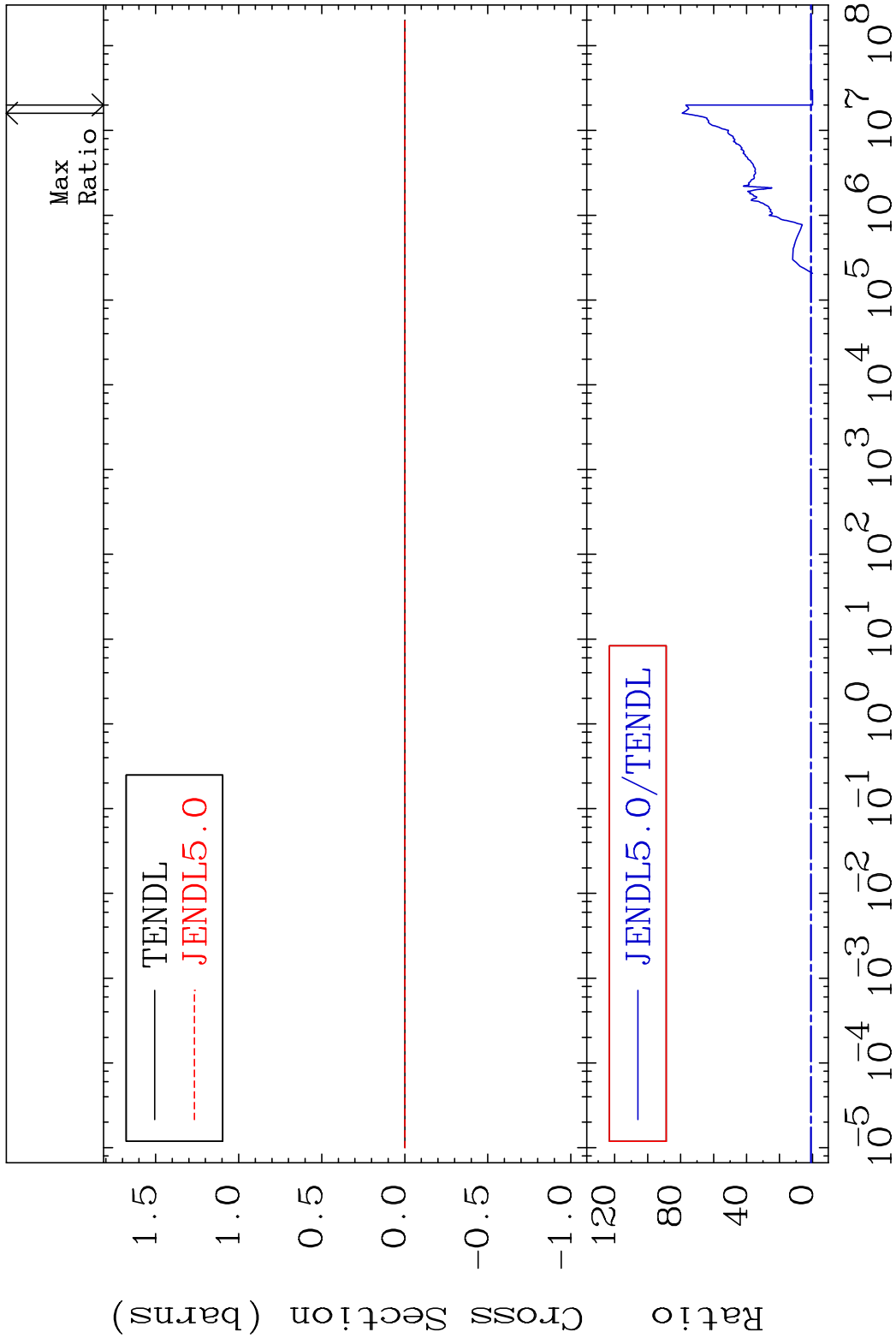
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
Cross Section -8723. To 1535. %



MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 7808. %

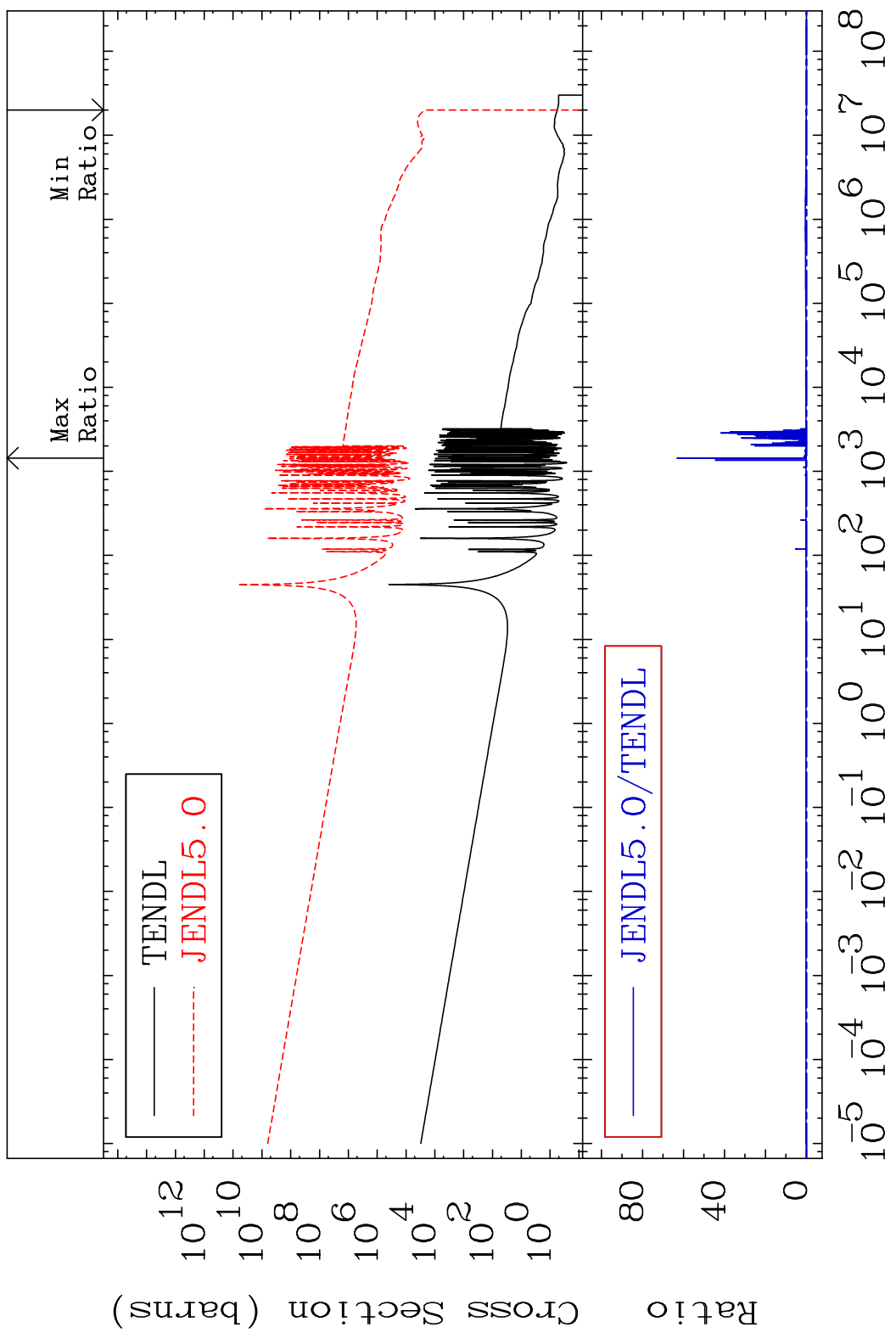


MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 7808. %



MAT 4234

Kerma capture (mt102) 42-Mo-95
Cross Section -100.0 To 9999. %

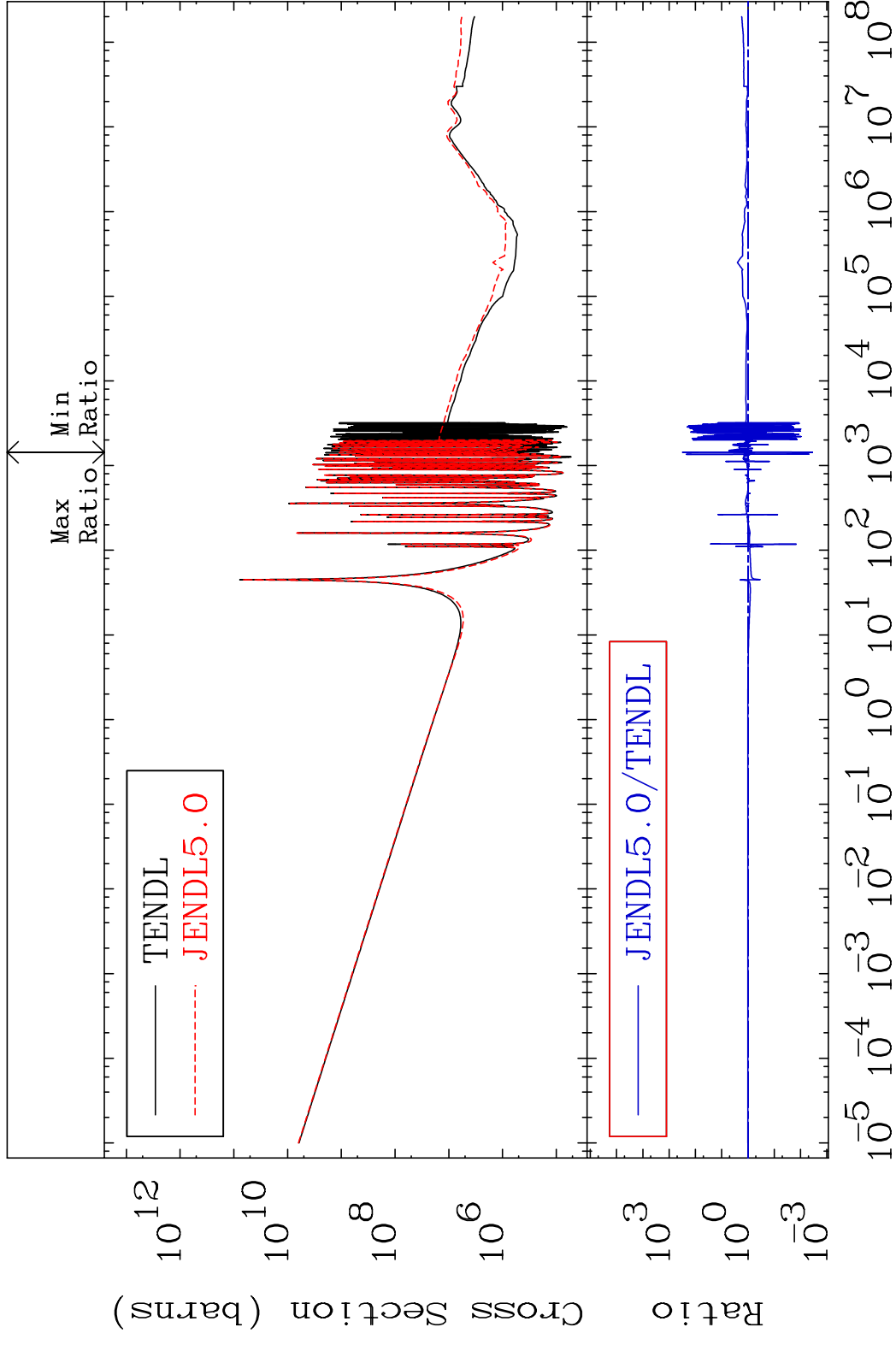


53

Incident Energy (eV)

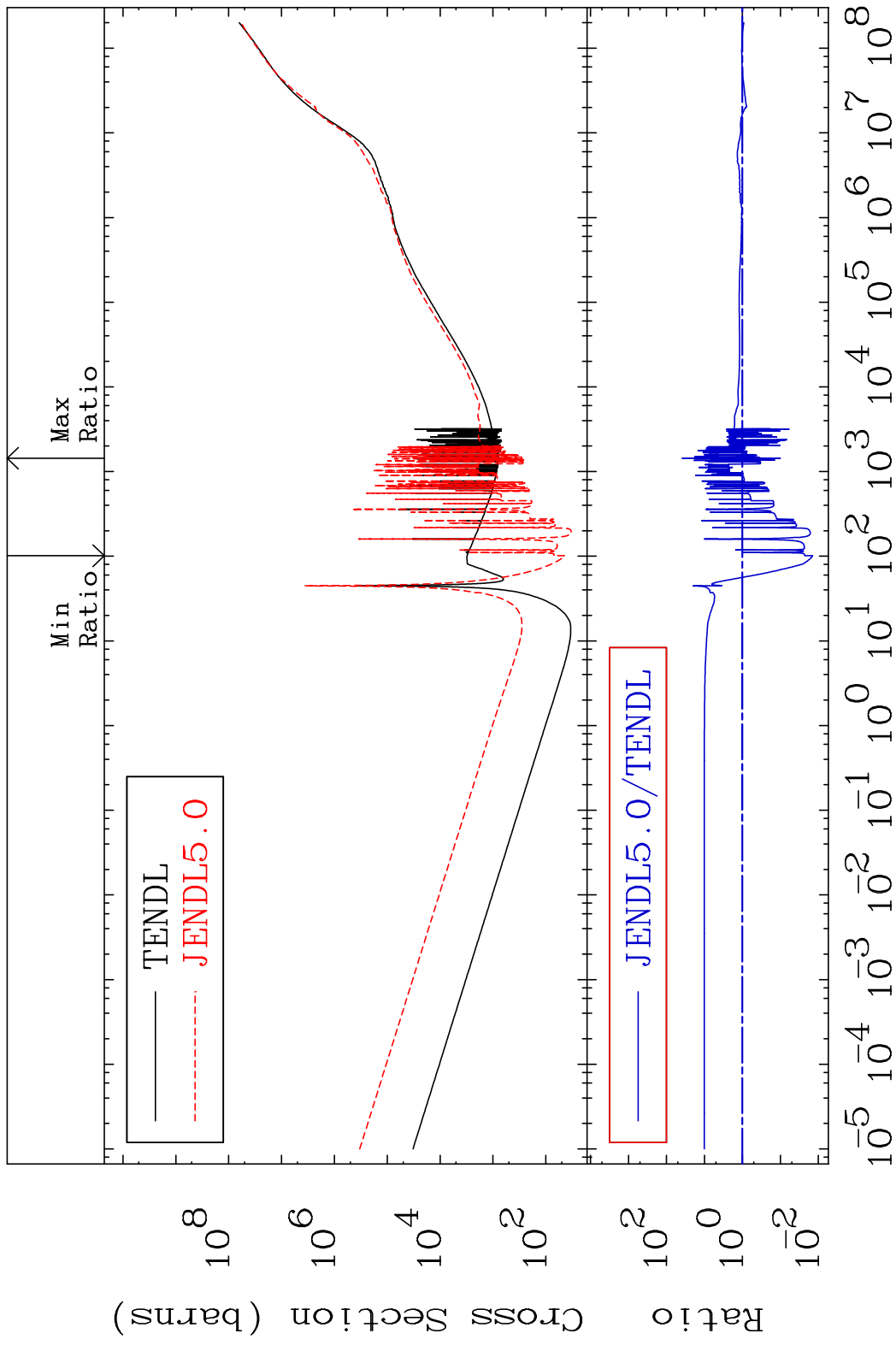
42-Mo-95

MAT 4234 Total photon (eV-barns) 42-Mo-95
 Cross Section -99.65 To 9999. %

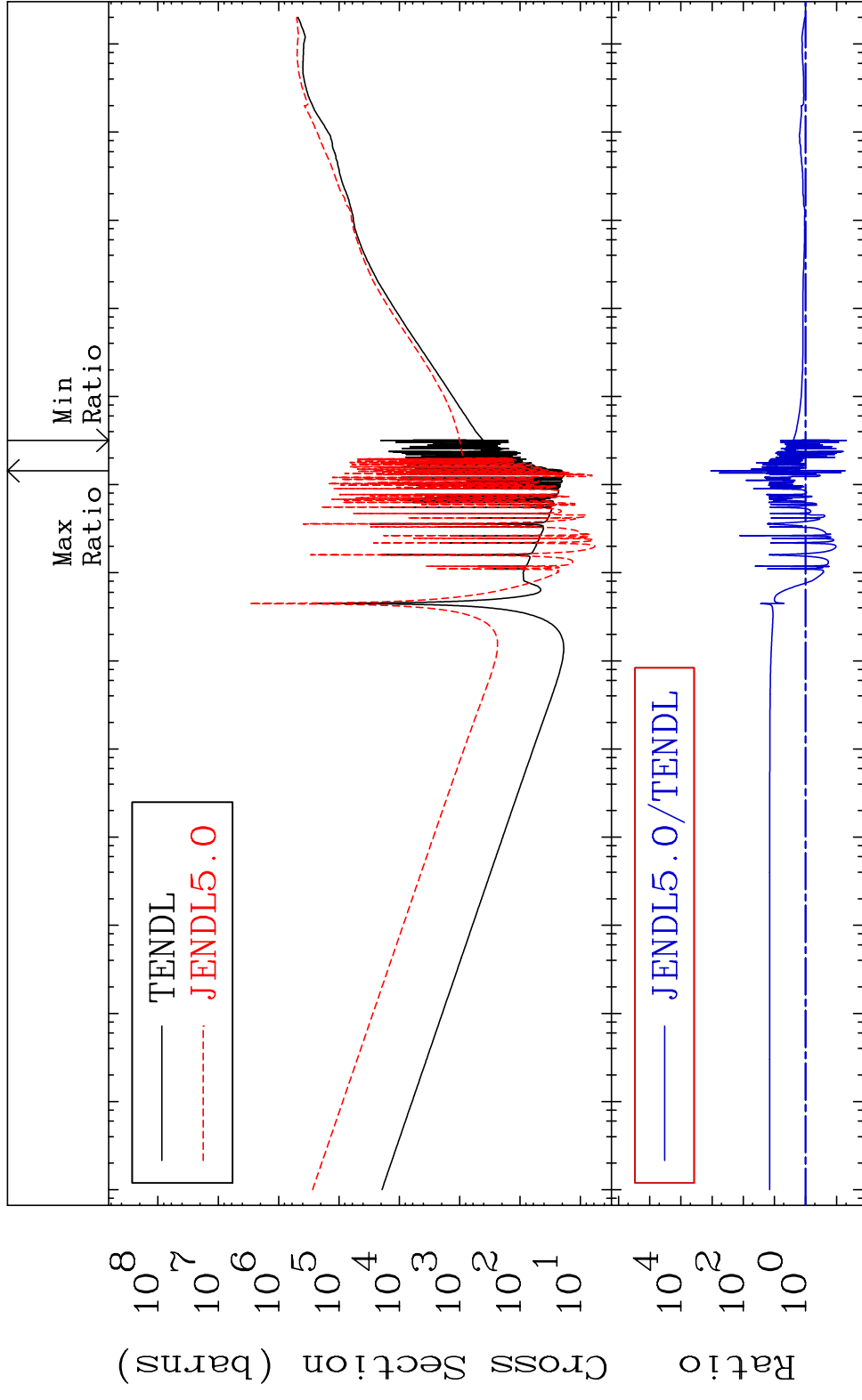


54 Incident Energy (eV) 42-Mo-95

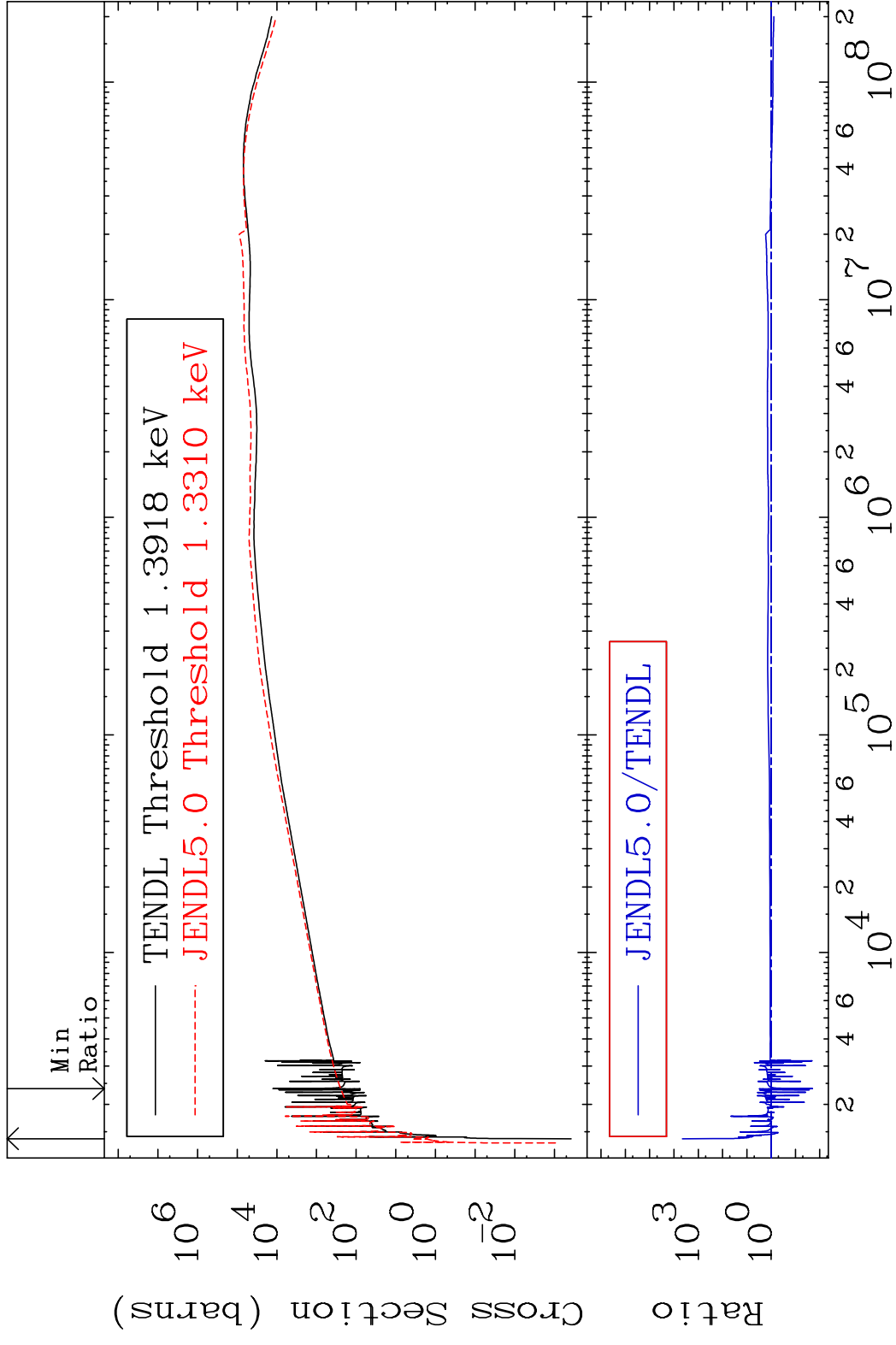
MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -98.58 To 3720. %



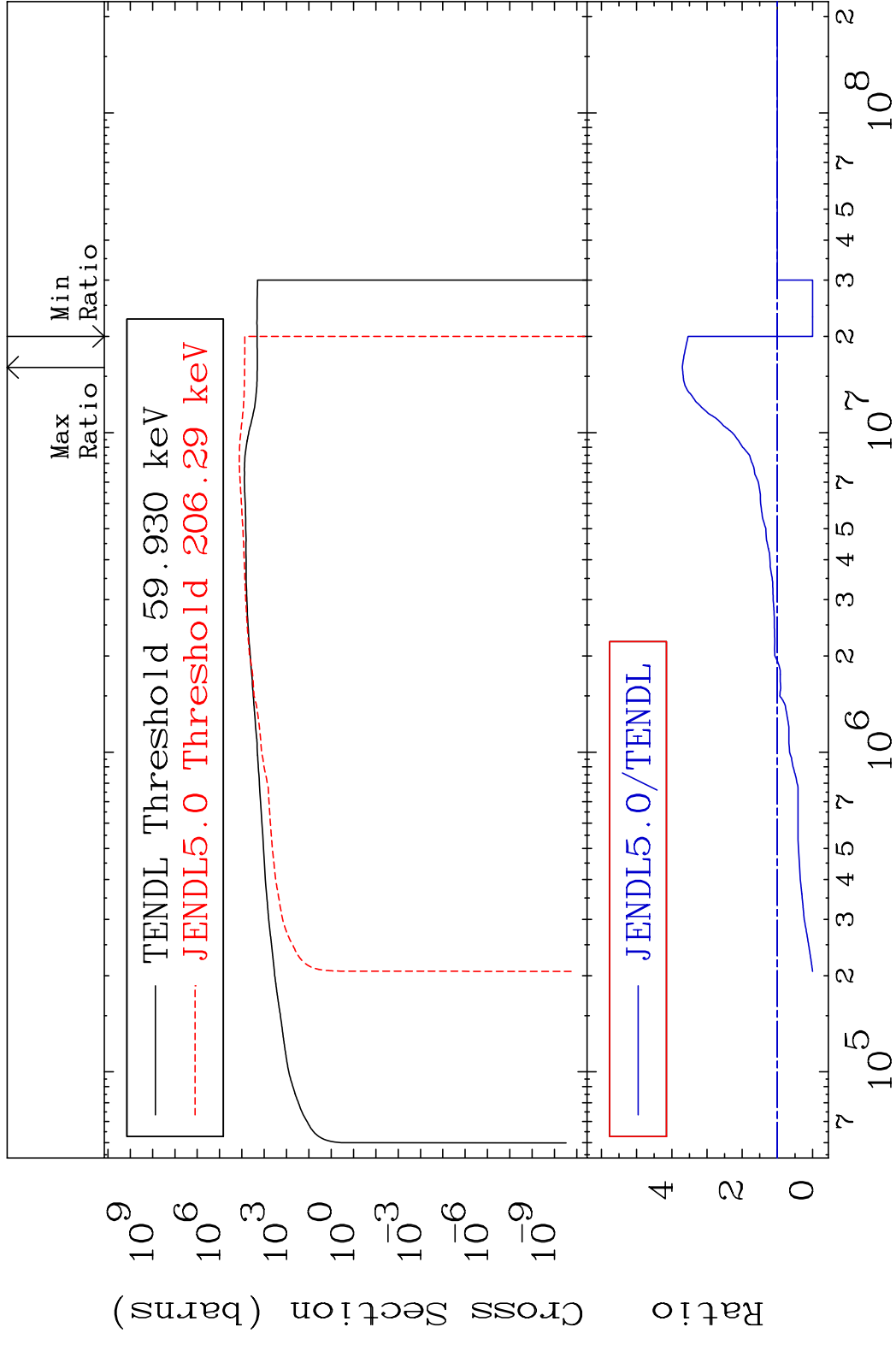
MAT 4234 Dpa total (eV-barns) 42-Mo-95
 Cross Section -95.10 To 9999. %



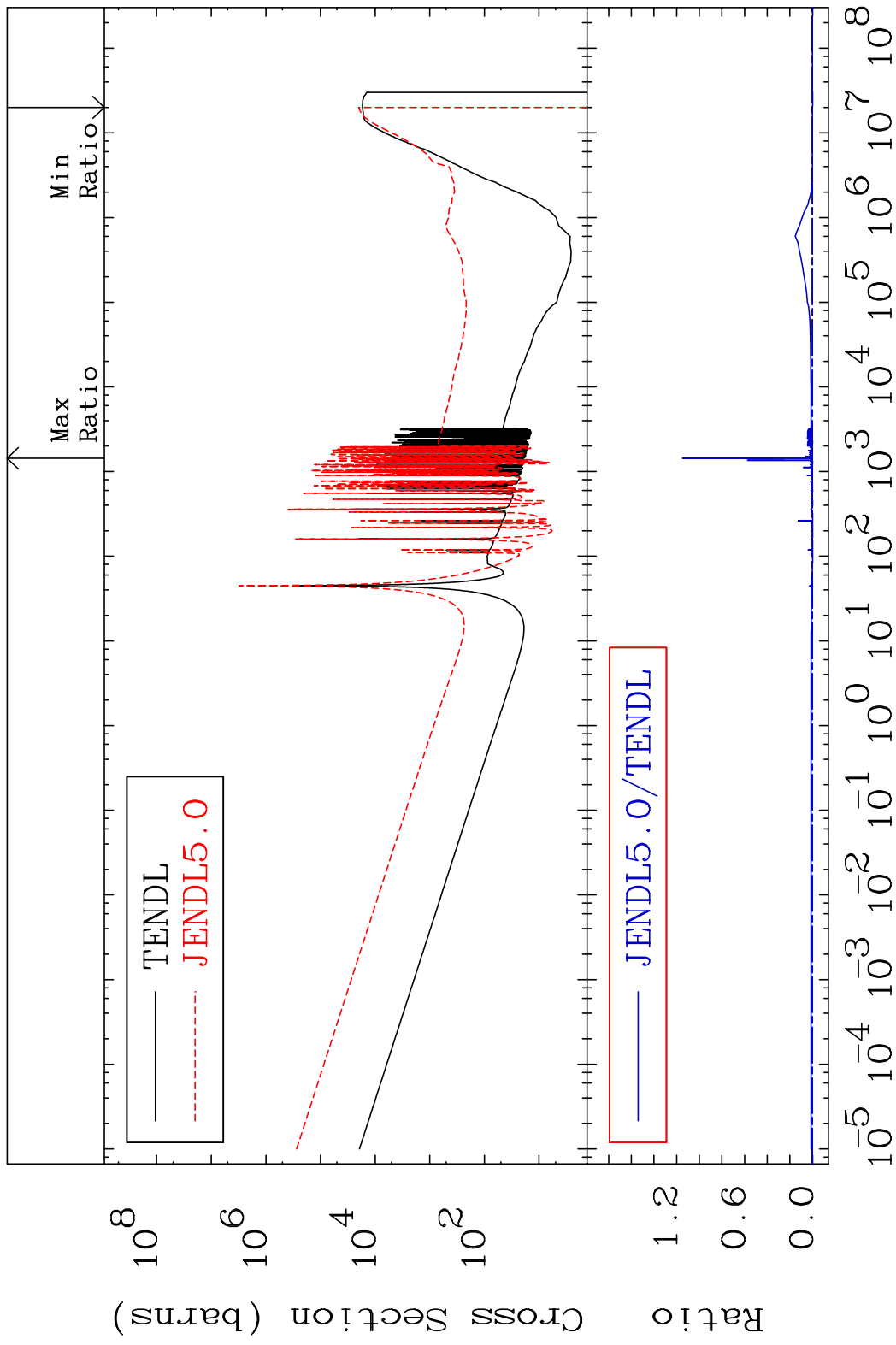
MAT 4234 Dpa elastic (mt2) 42-Mo-95
 Cross Section -98.02 To 9999. %



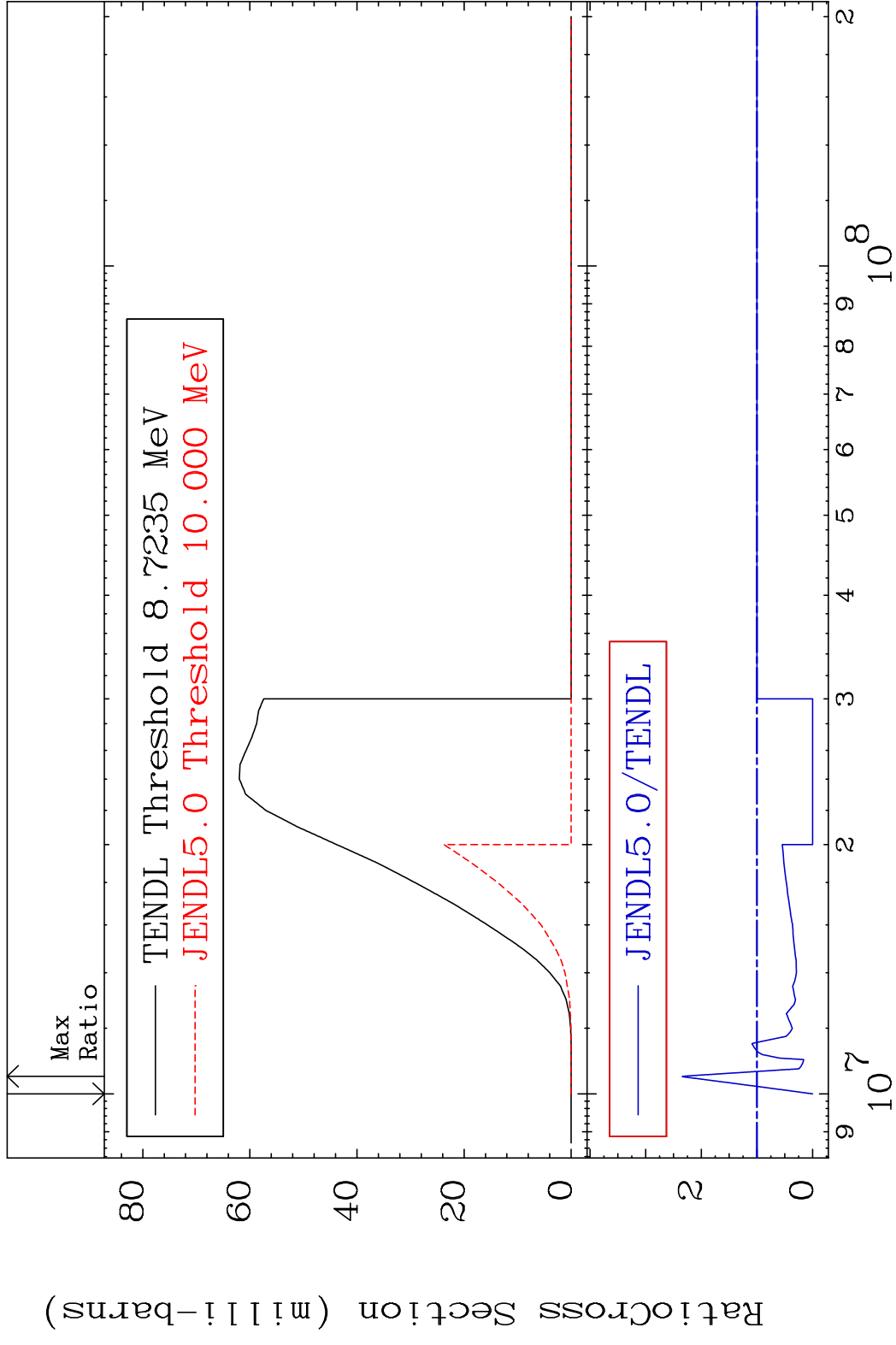
MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 270.0 %



MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -100.0 To 9999. %

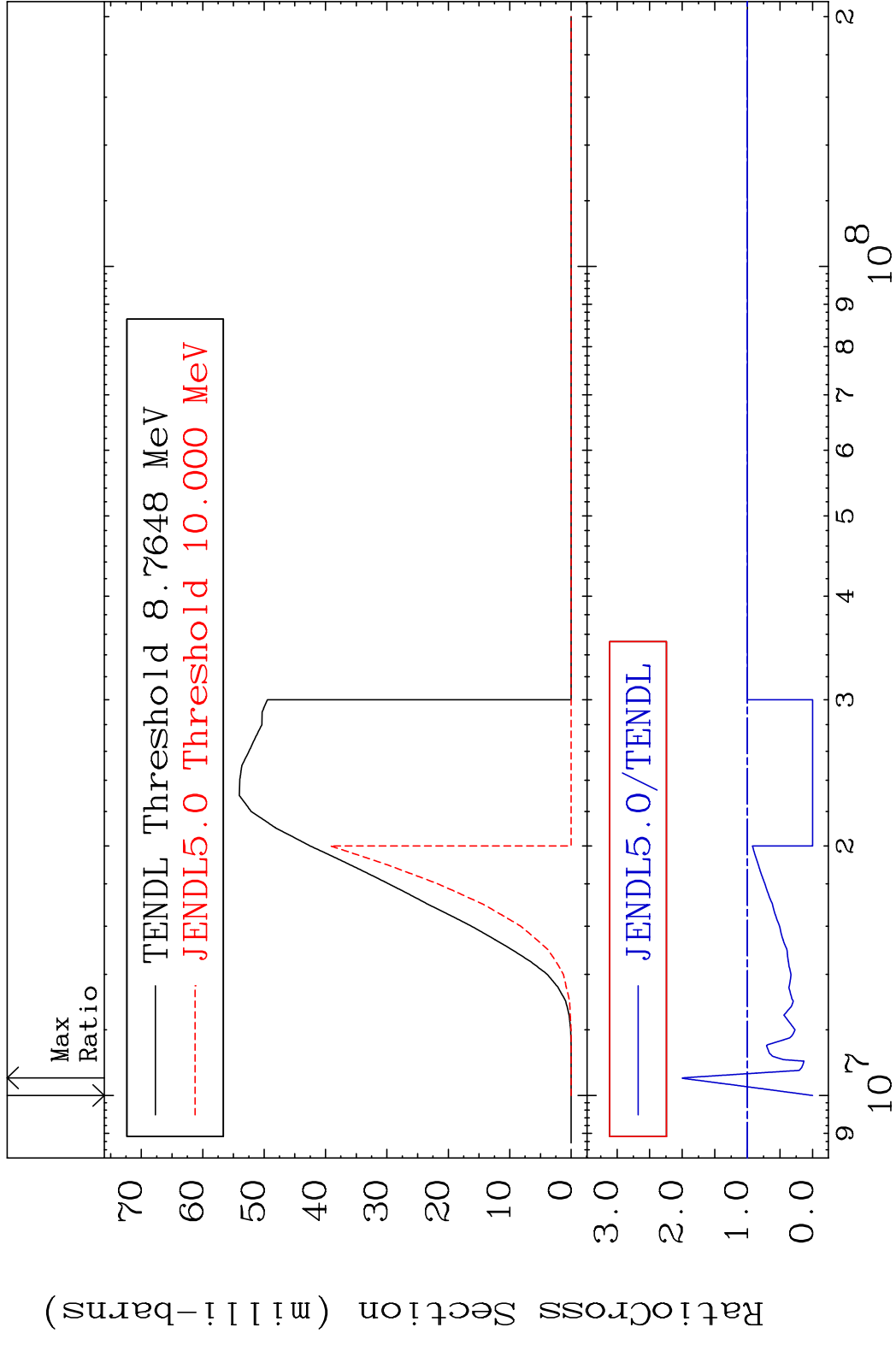


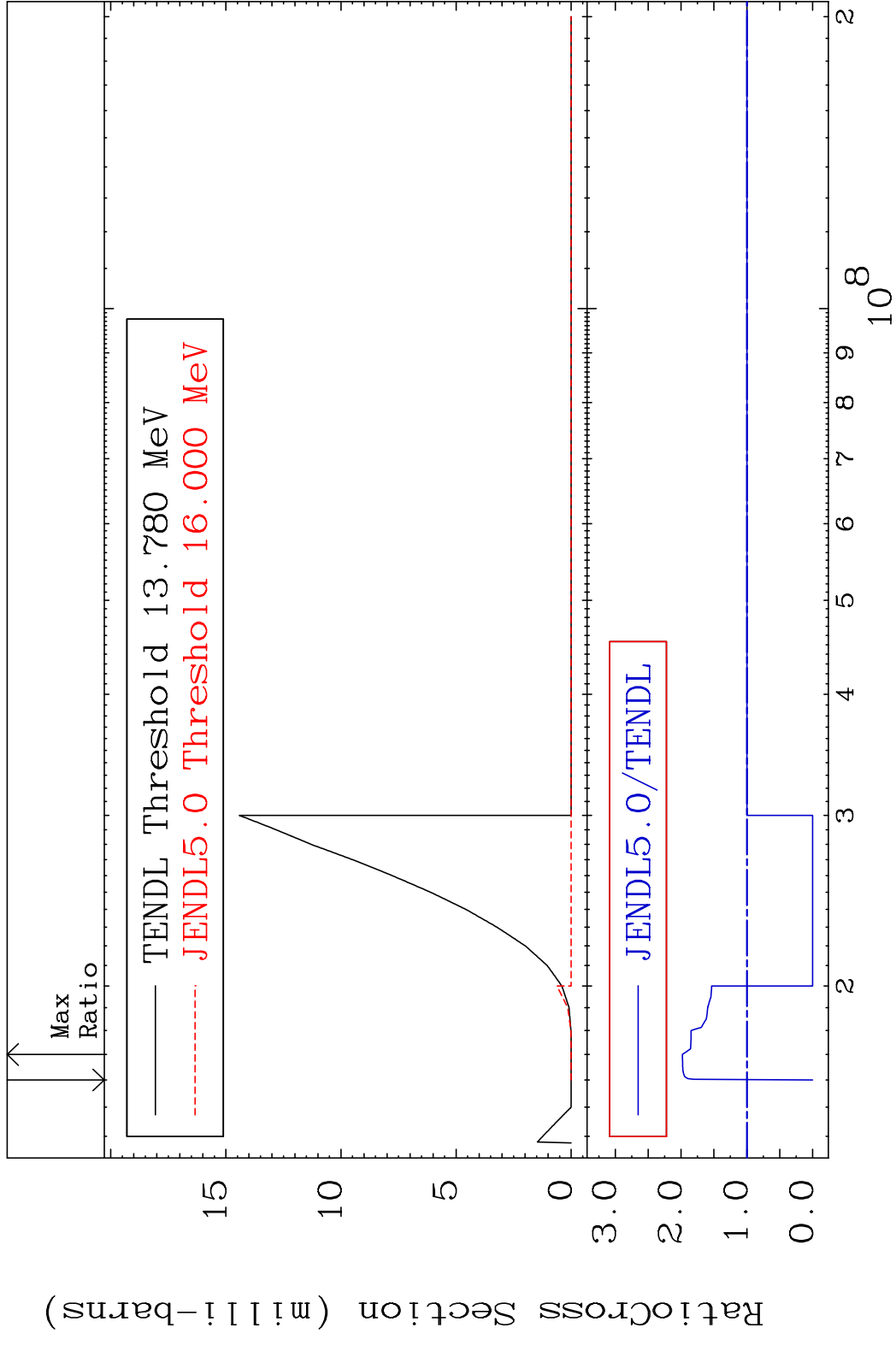
MAT 4234 (n, n') p:41-Nb-94g 42-Mo-95
 Radionuclide Production Cross Section 133.9 %



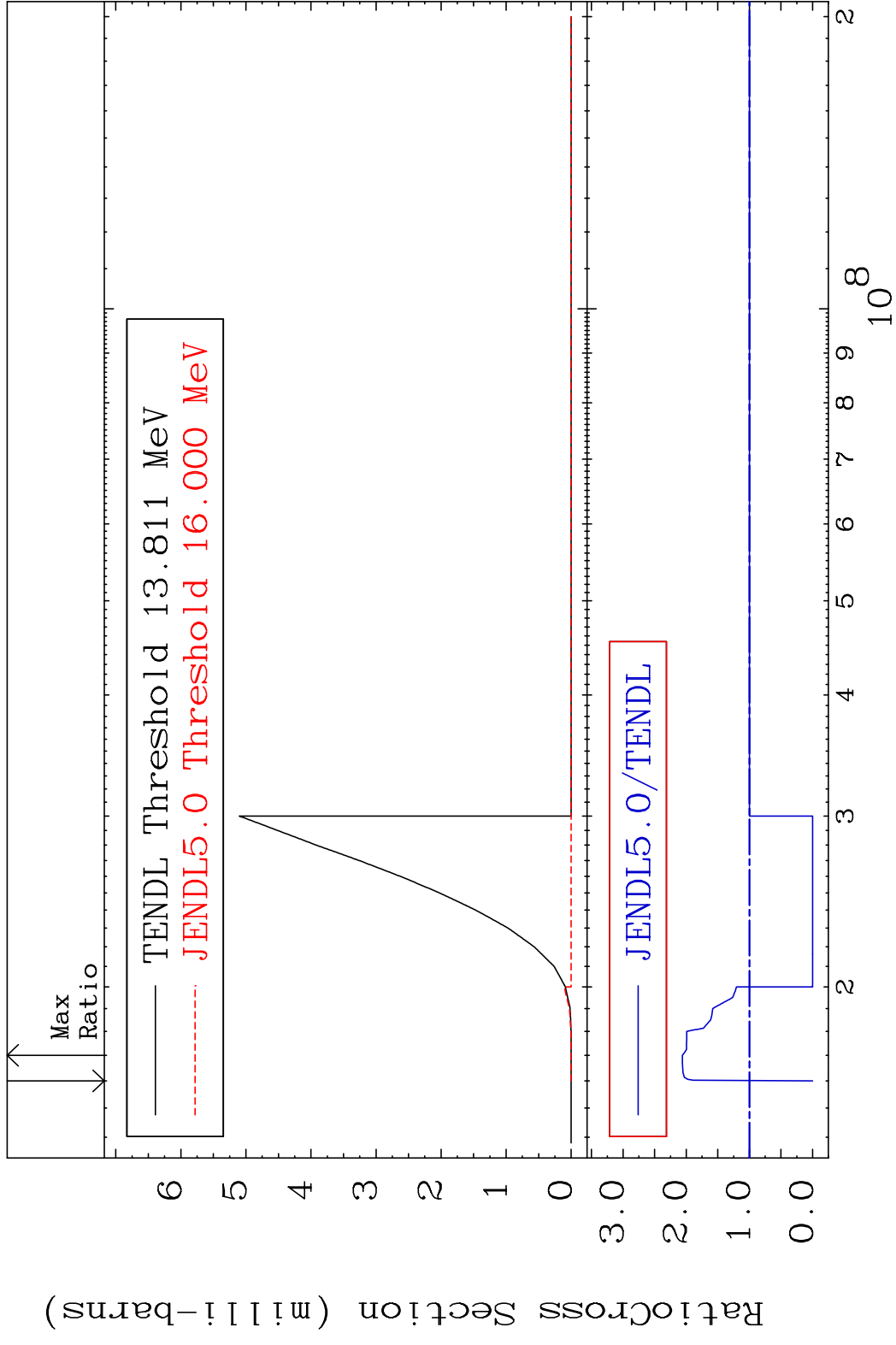
60 Incident Energy (eV) 42-Mo-95

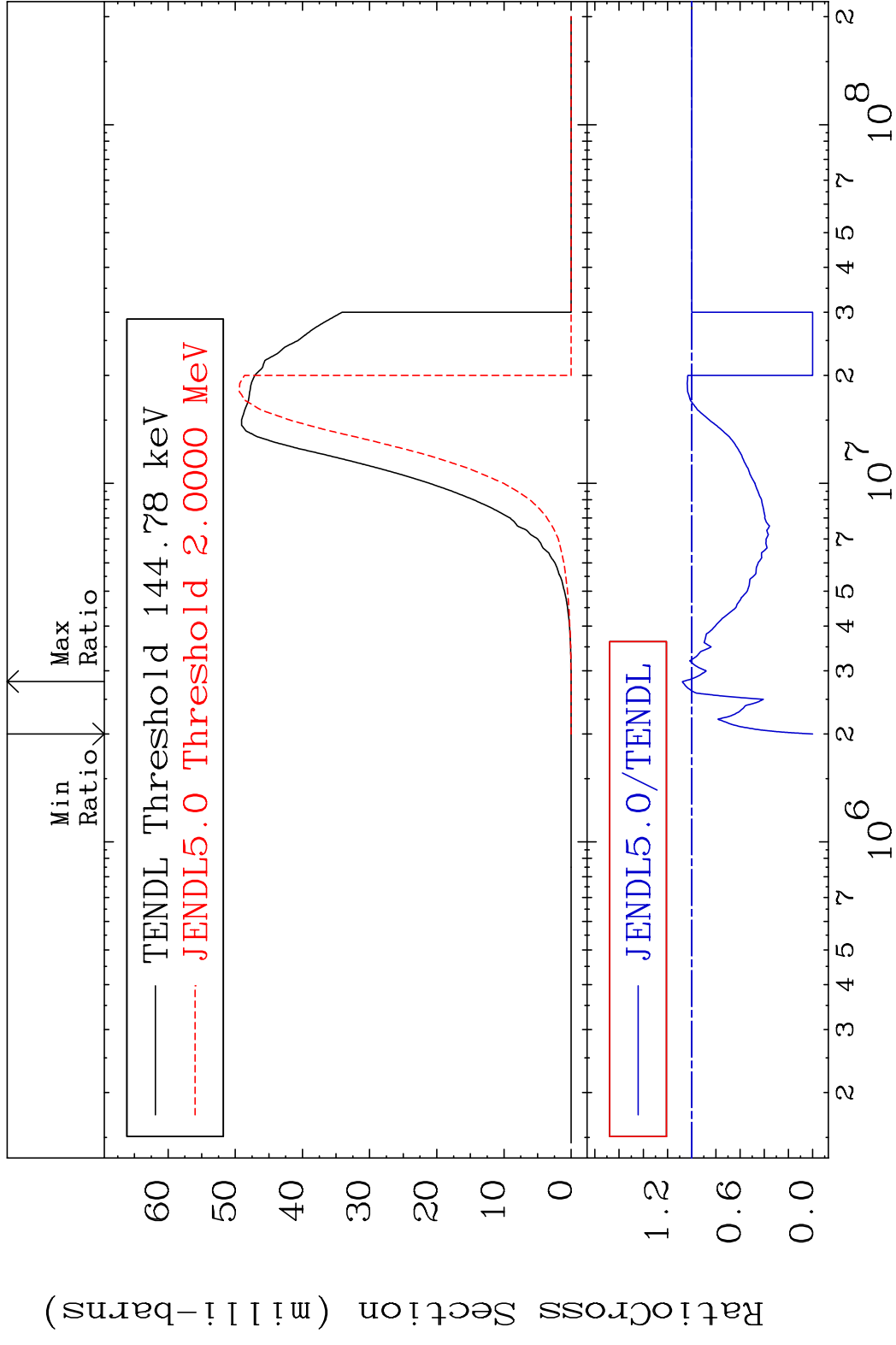
MAT 4234 (n, n') p:41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section Ratio 99.83 %



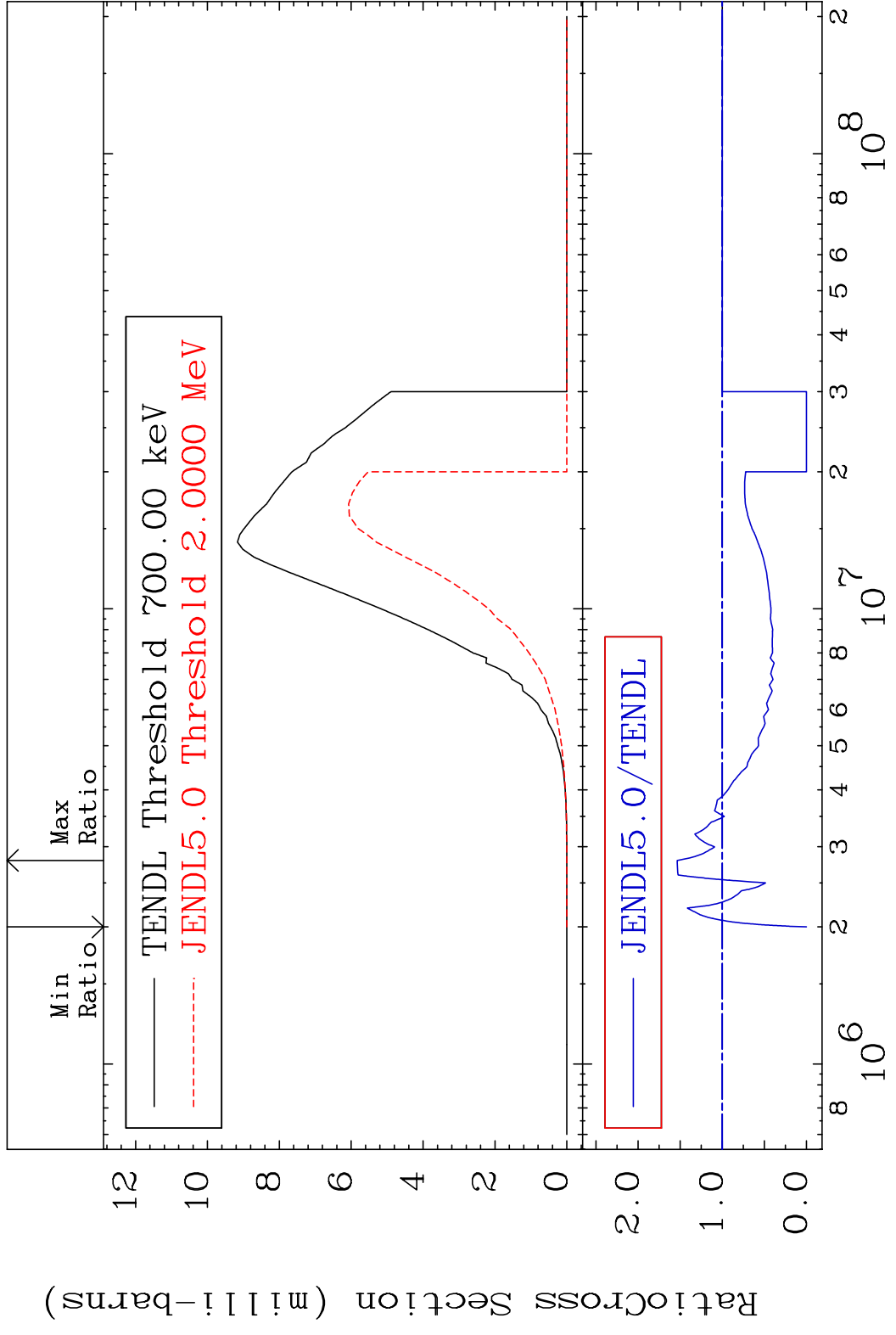


MAT 4234 (n, n') d:41-Nb-93m1 42-Mo-95
 Radionuclide Production Cross Section 100.0%
 Ratio 106.1 %

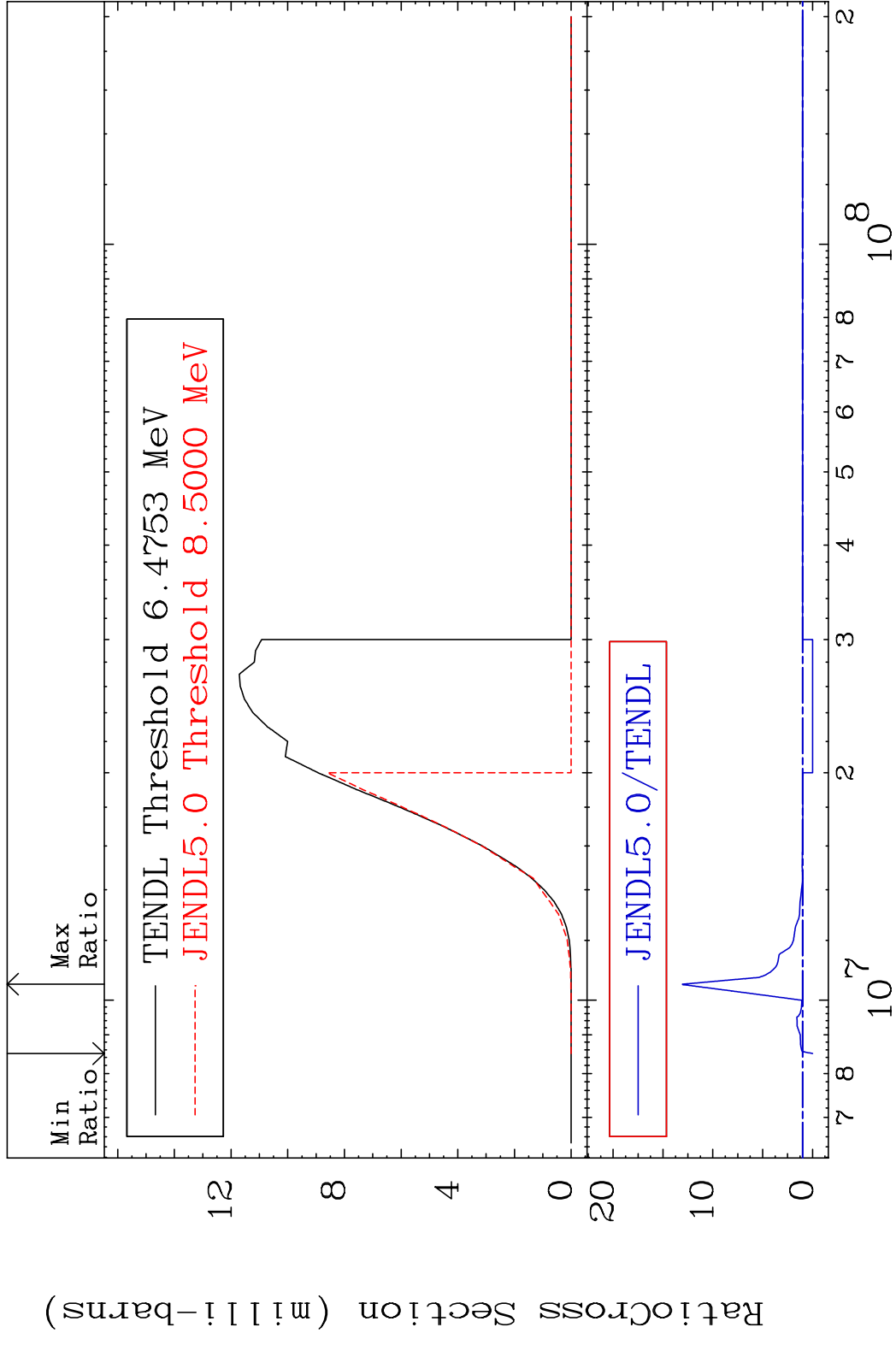




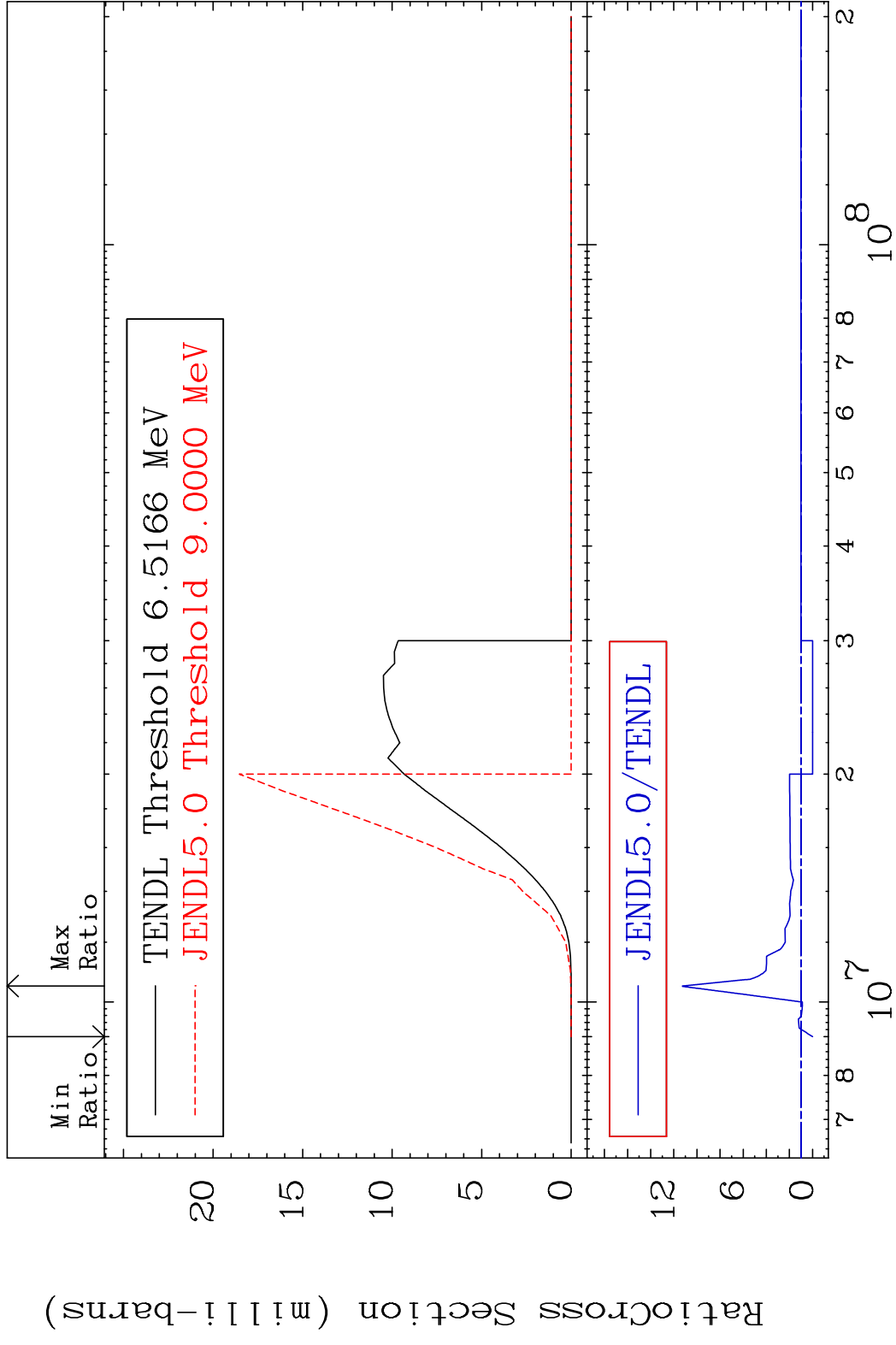
MAT 4234 (n,p):41-Nb-95m1 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 53.59 %



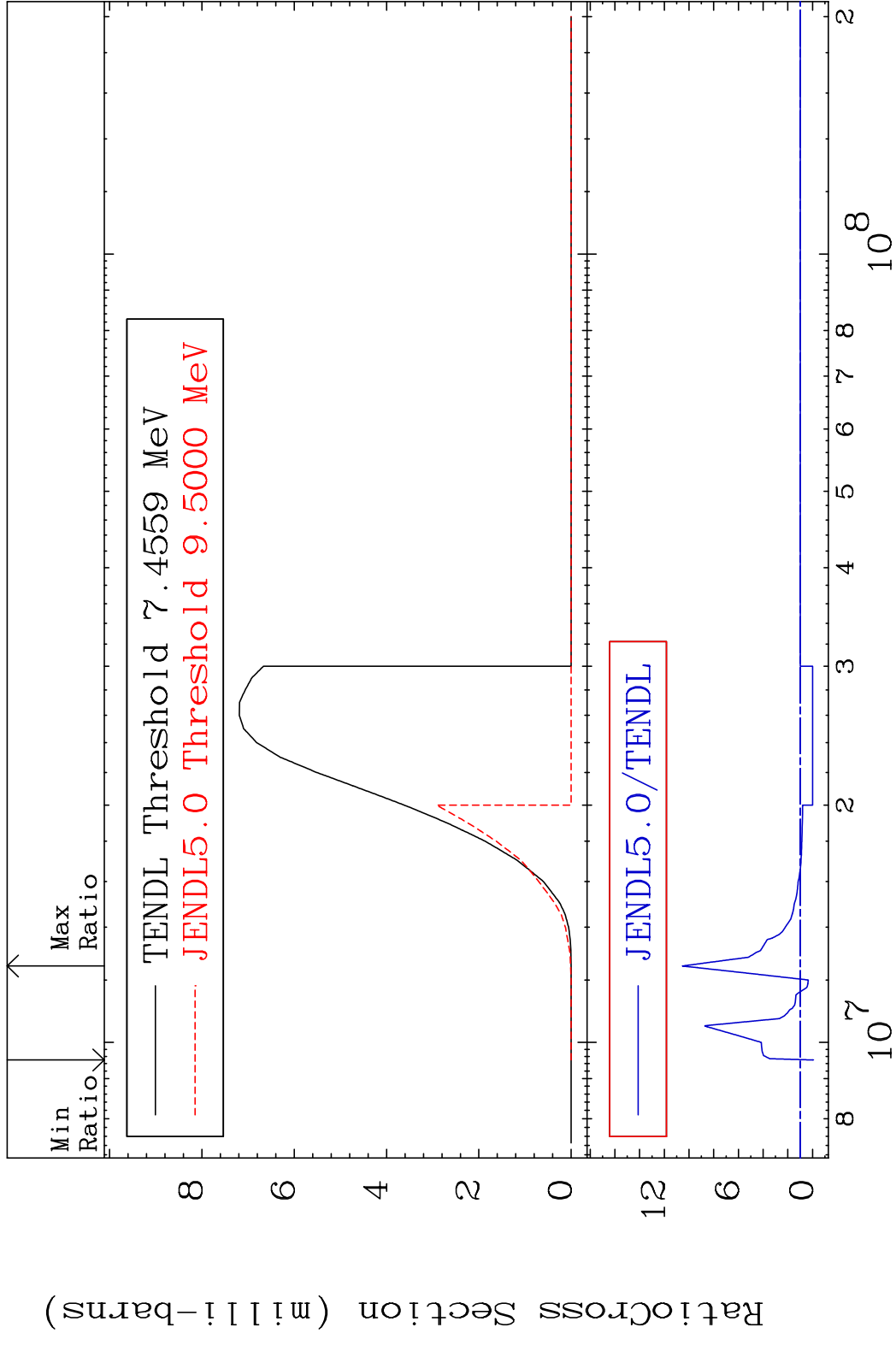
65 Incident Energy (eV) 42-Mo-95



MAT 4234 (n, d) : 41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 100.00 % 1026. %



MAT 4234 (n, t): 41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section Ratio 953.9 %



68 Incident Energy (eV) 42-Mo-95

