

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

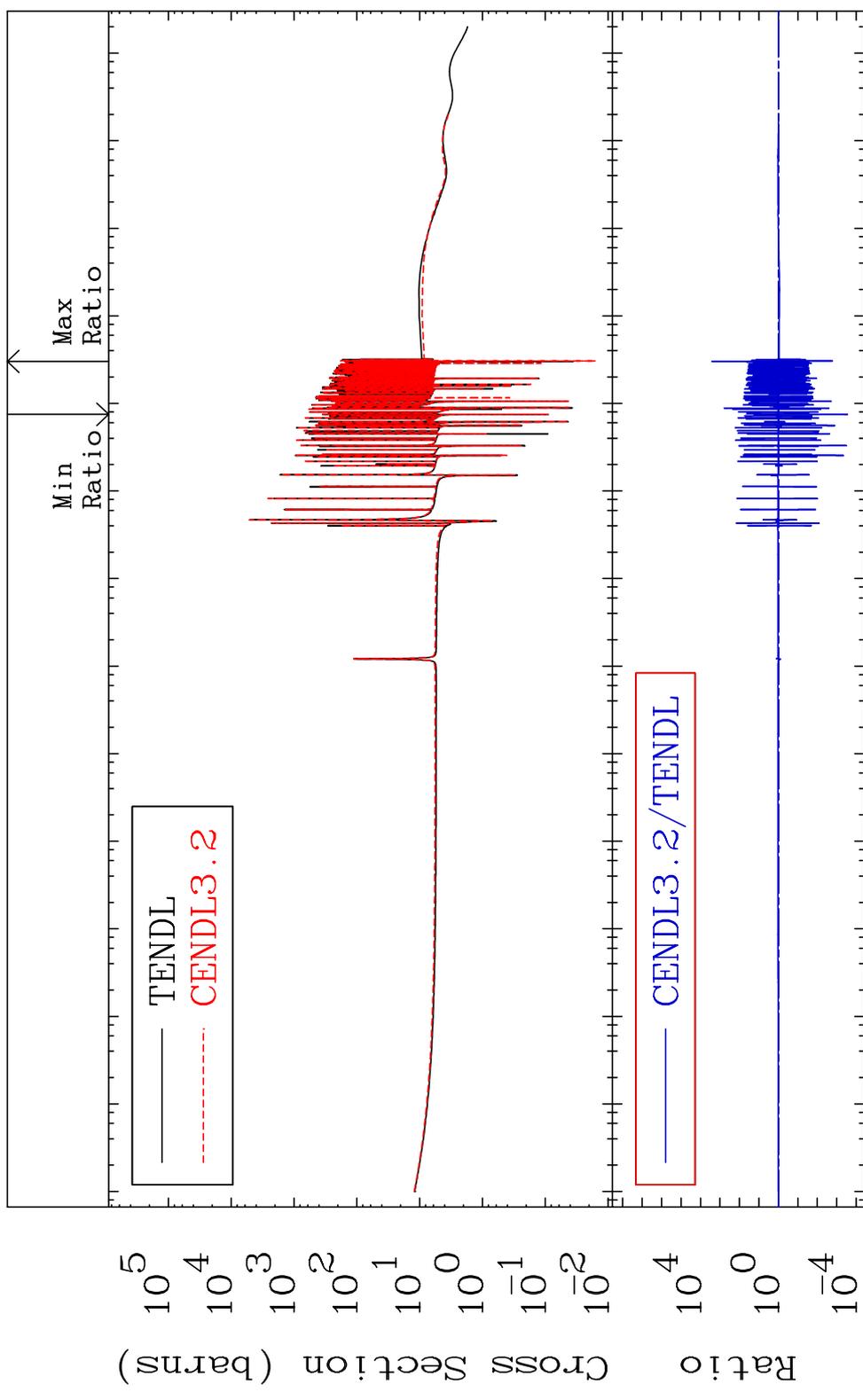
MAT 4243

Total

42-Mo-98

Cross Section

-99.97 To 9999. %



1

Incident Energy (eV)

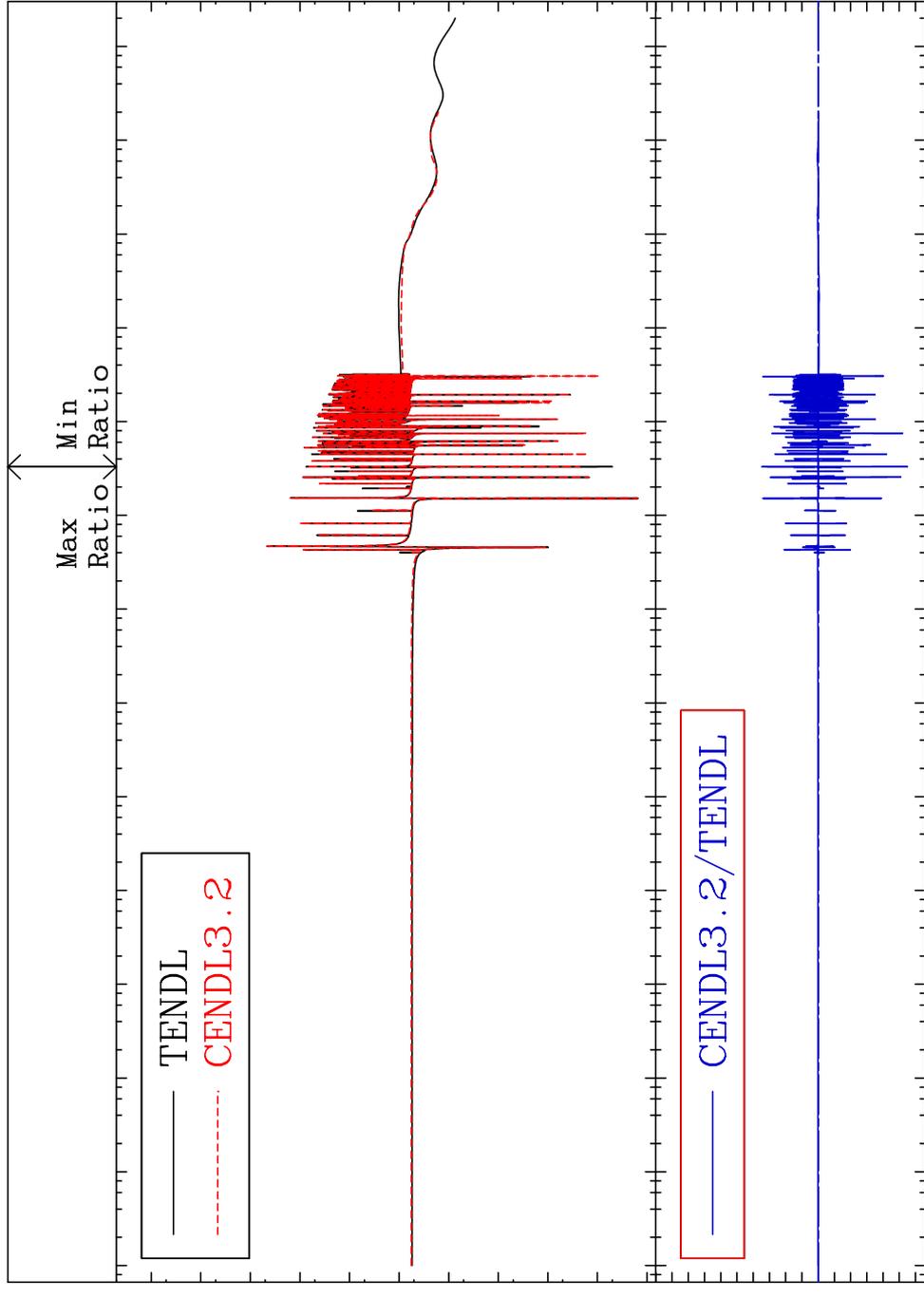
42-Mo-98

MAT 4243

Elastic

42-Mo-98

Cross Section -100.0 To 9999. %

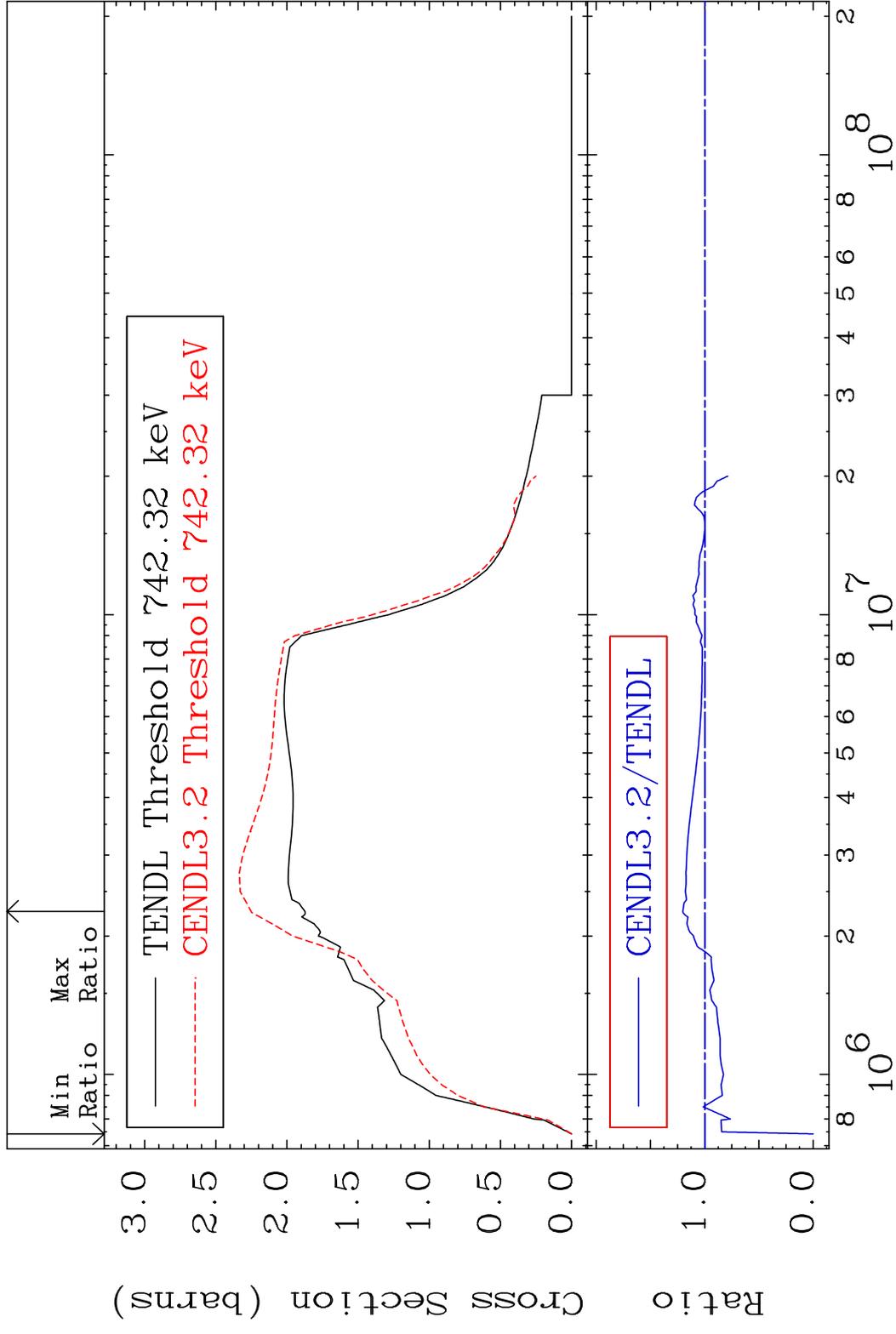


2

Incident Energy (eV)

42-Mo-98

MAT 4243 Inelastic Cross Section -100.0 To 20.15 % 42-Mo-98



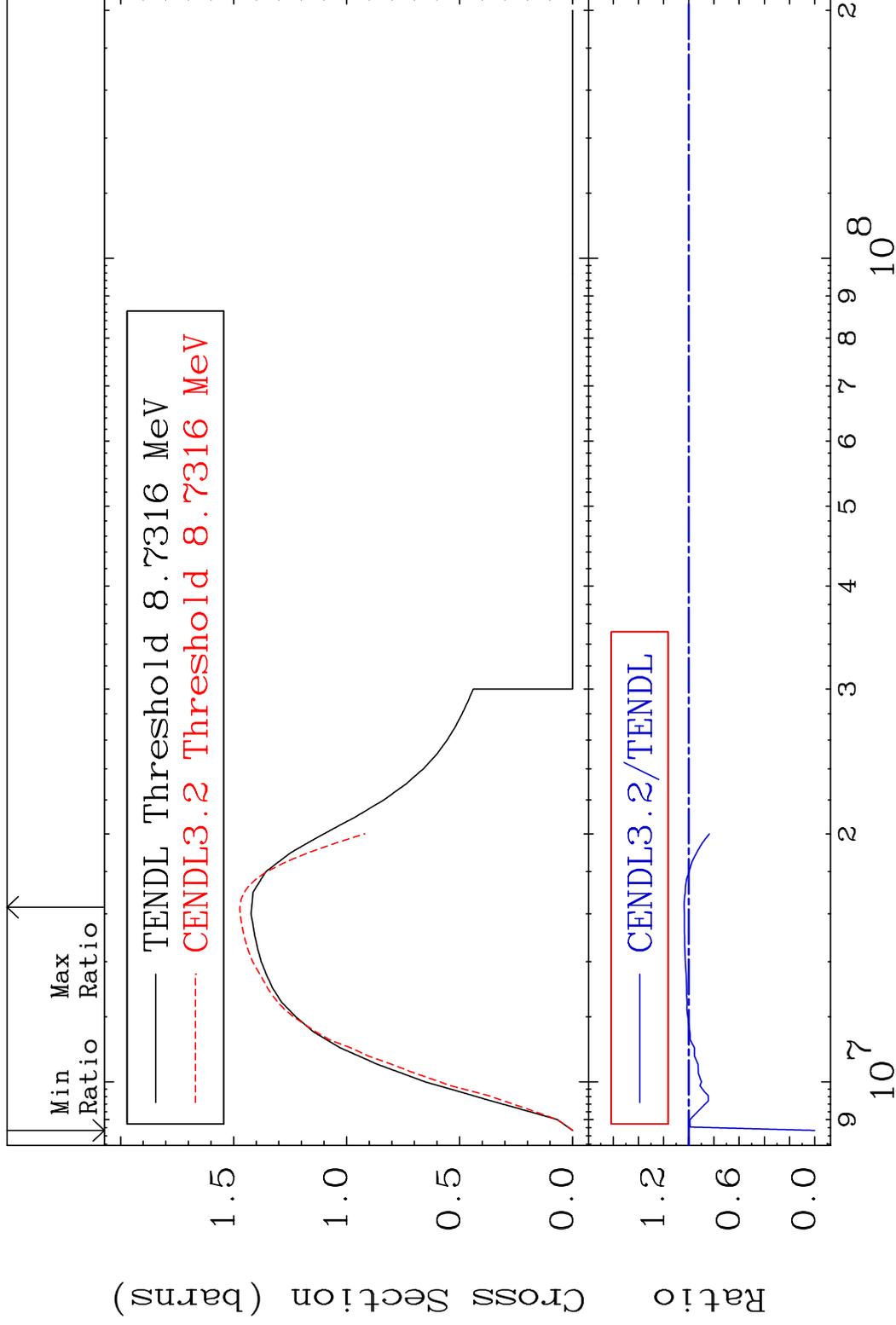
3 Incident Energy (eV) 42-Mo-98

MAT 4243

(n,2n)

42-Mo-98

Cross Section -100.0 To 3.691 %



4

Incident Energy (eV)

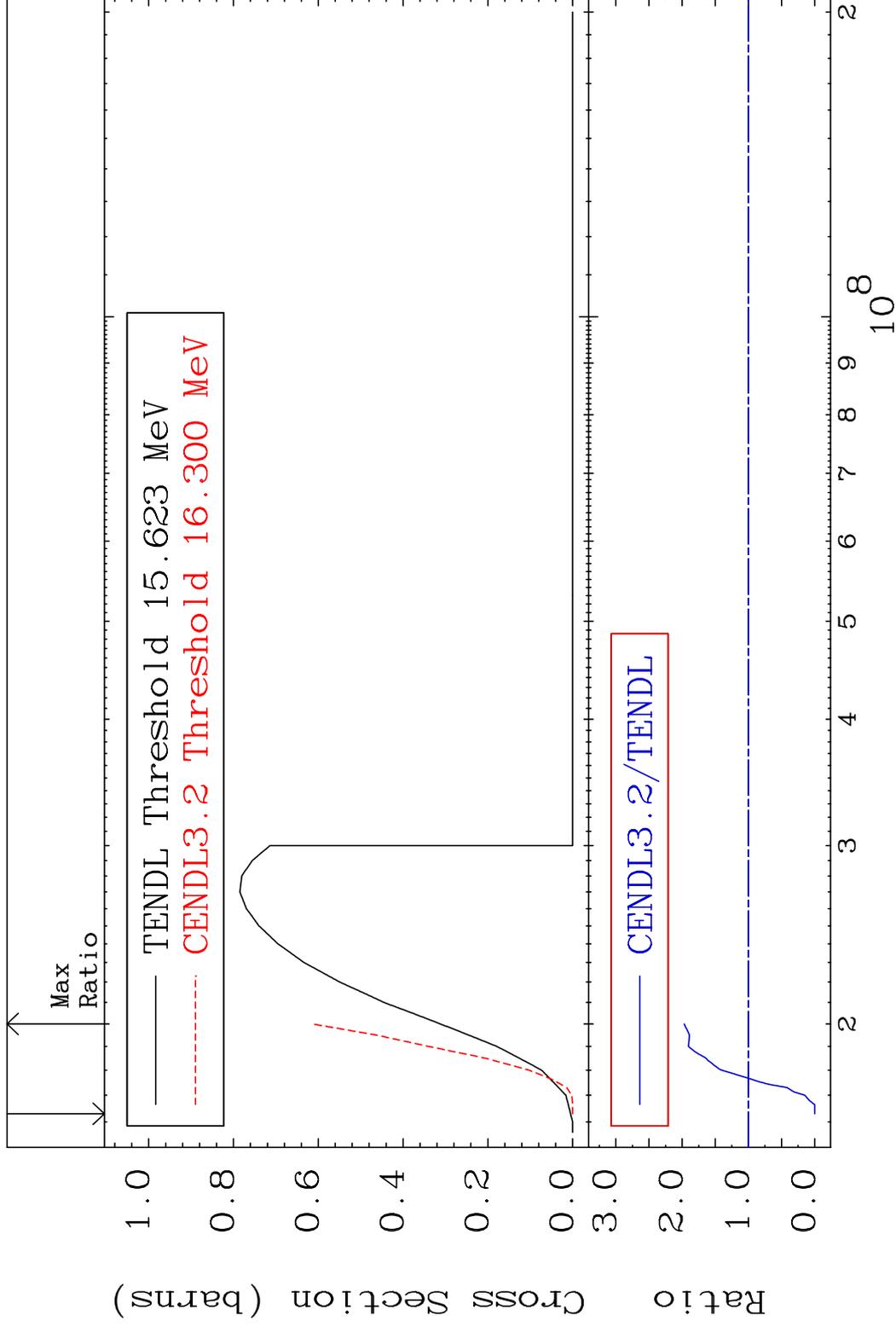
42-Mo-98

MAT 4243

(n,3n)

42-Mo-98

Cross Section -100.0 To 96.96 %



5

Incident Energy (eV)

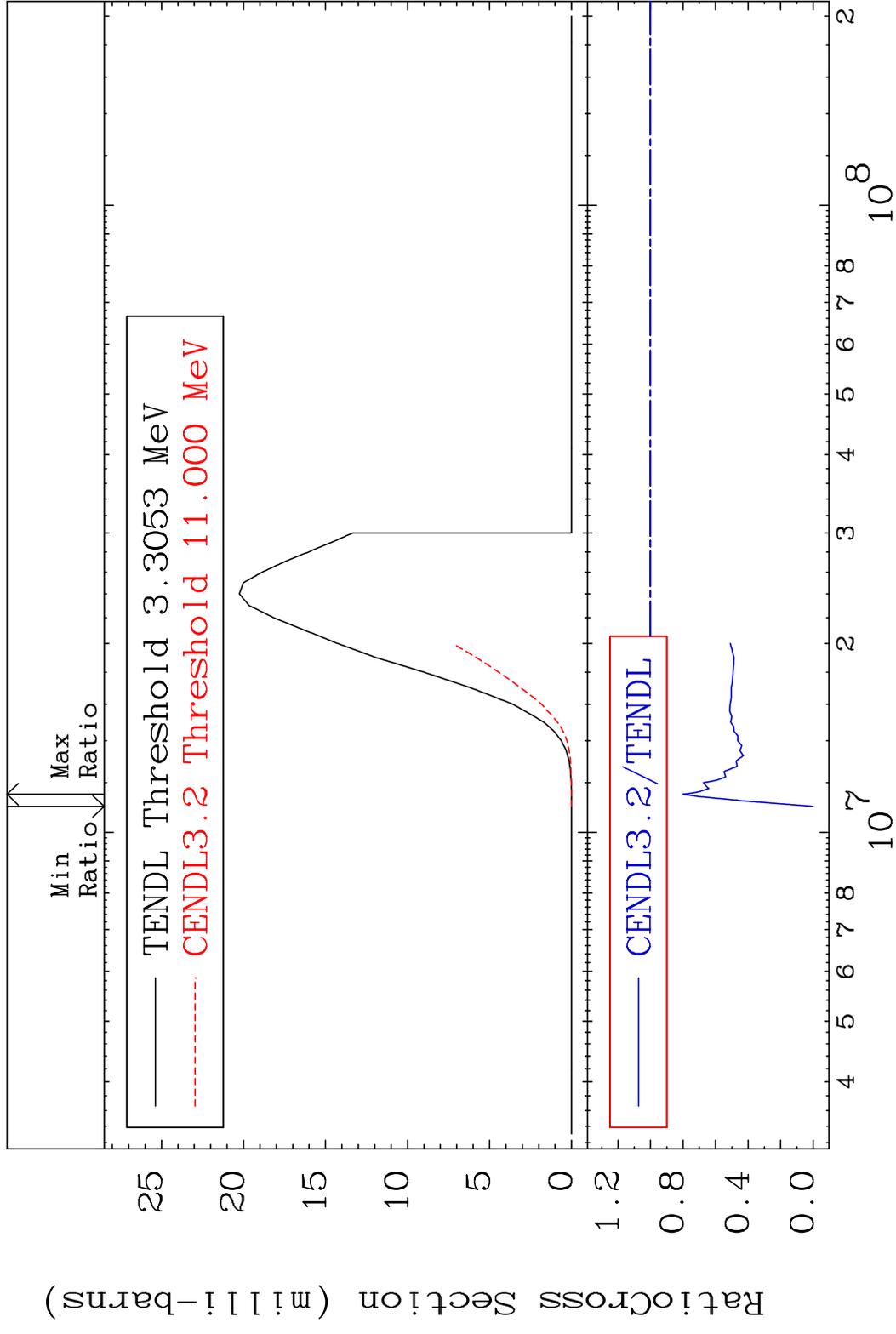
42-Mo-98

MAT 4243

(n, n') α

42-Mo-98

Cross Section -100.0 To -19.86%

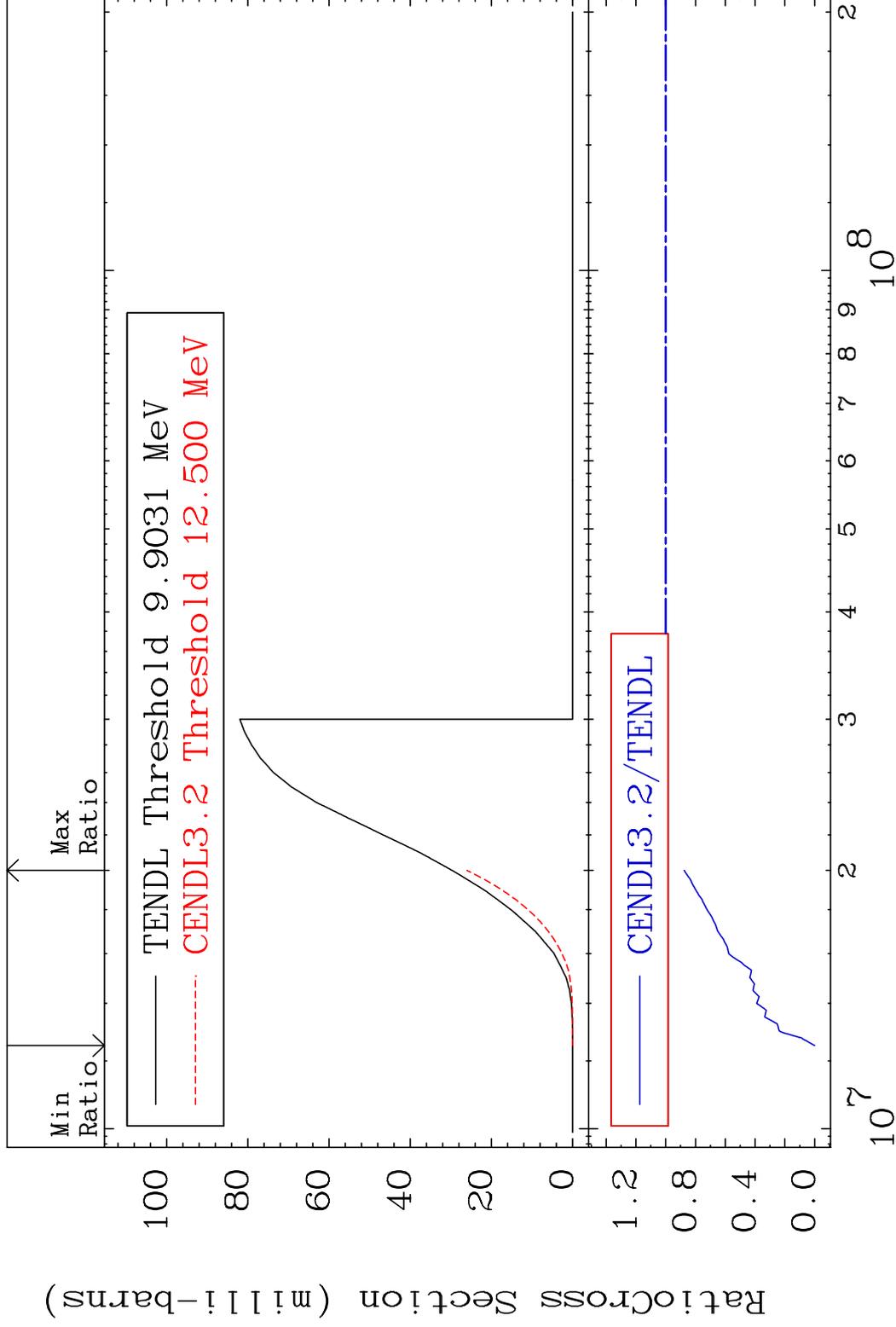


MAT 4243

(n, n') p

42-Mo-98

Cross Section -100.0 To -12.37%

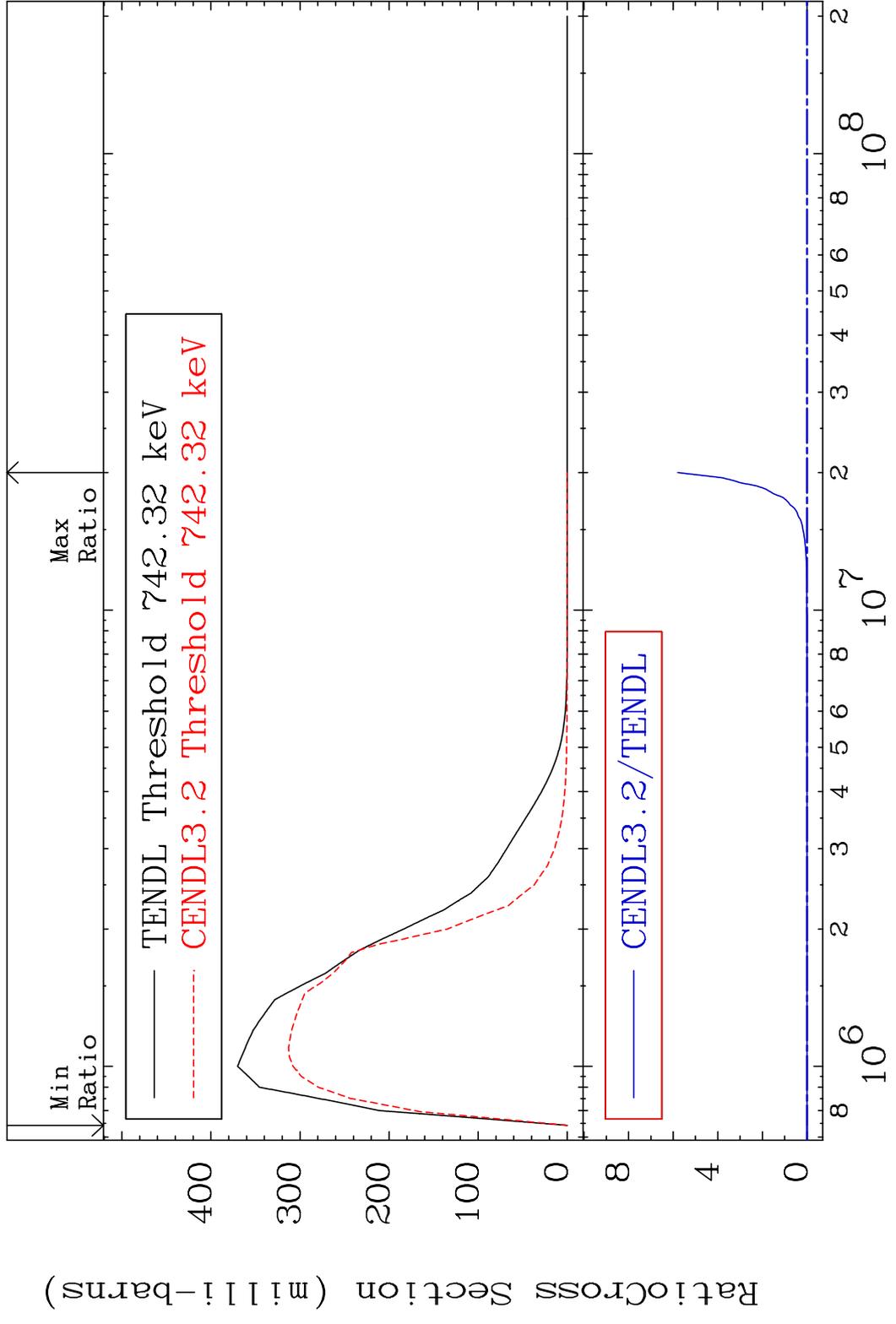


7

Incident Energy (eV)

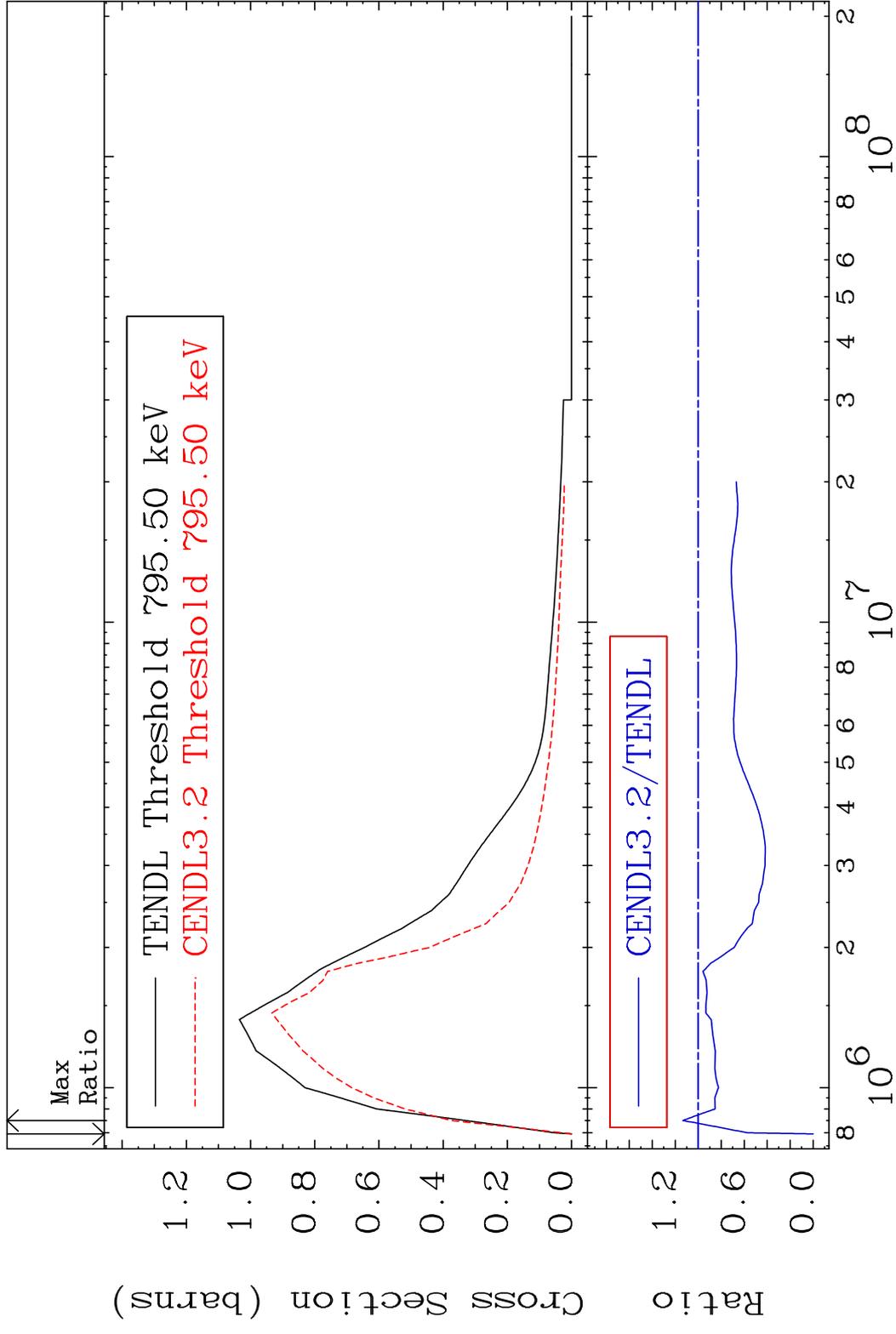
42-Mo-98

MAT 4243 MT= 51 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 9999. %

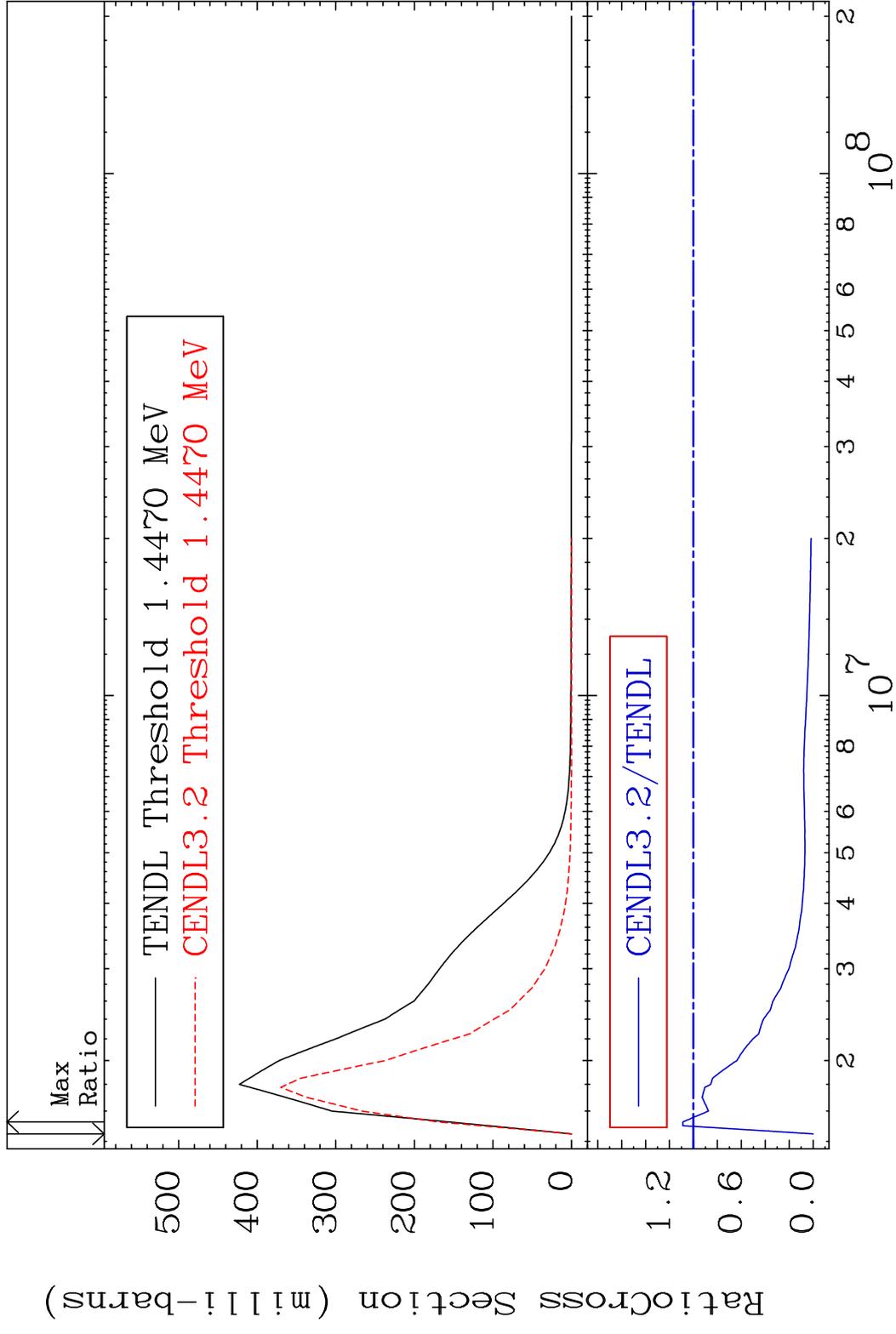


8 10⁶ 2 3 4 5 6 8 10⁸ 42-Mo-98

MAT 4243 MT= 52 (n,n') Level 42-Mo-98
 Cross Section -100.0 To 13.40 %

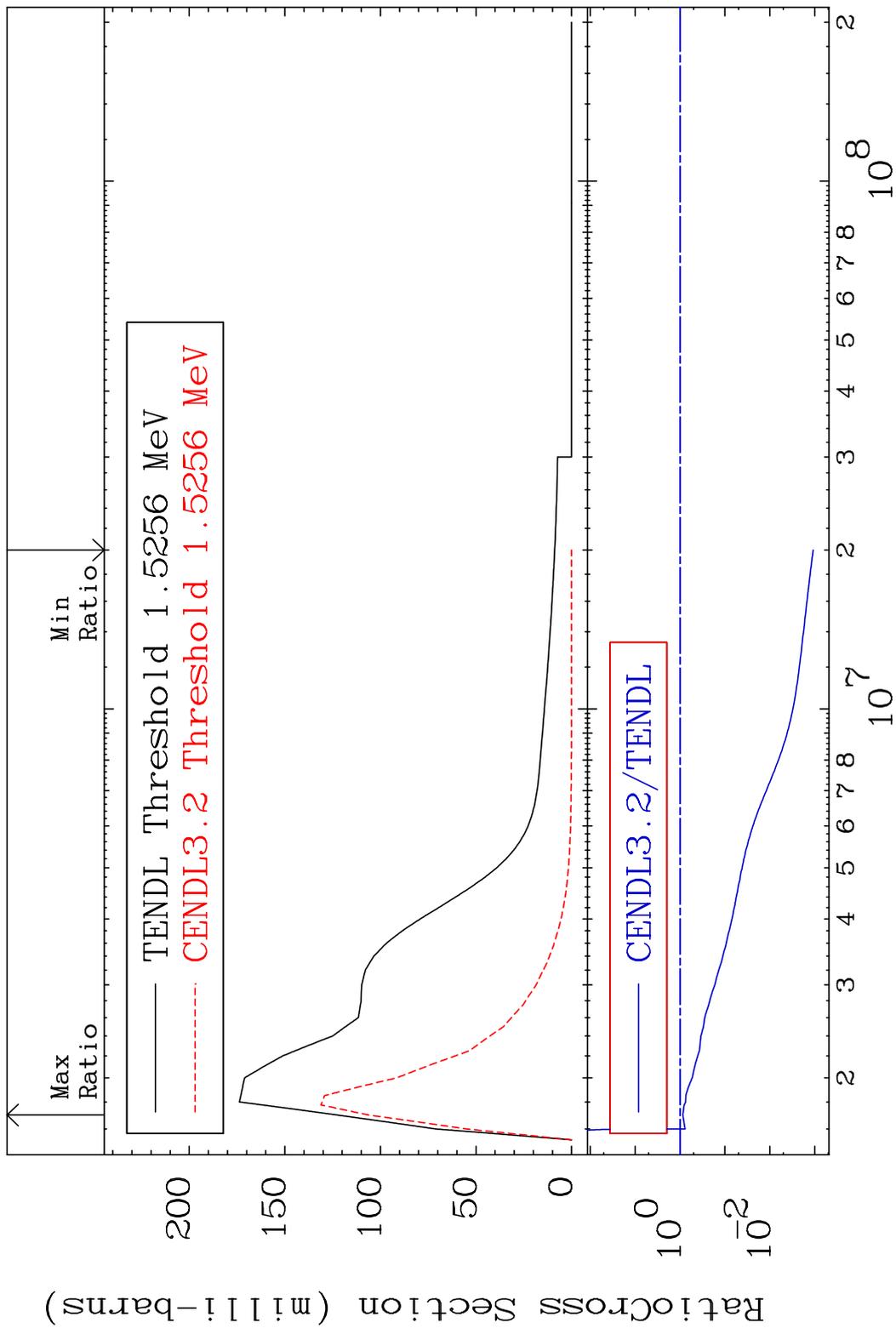


MAT 4243 MT= 53 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 8.856 %

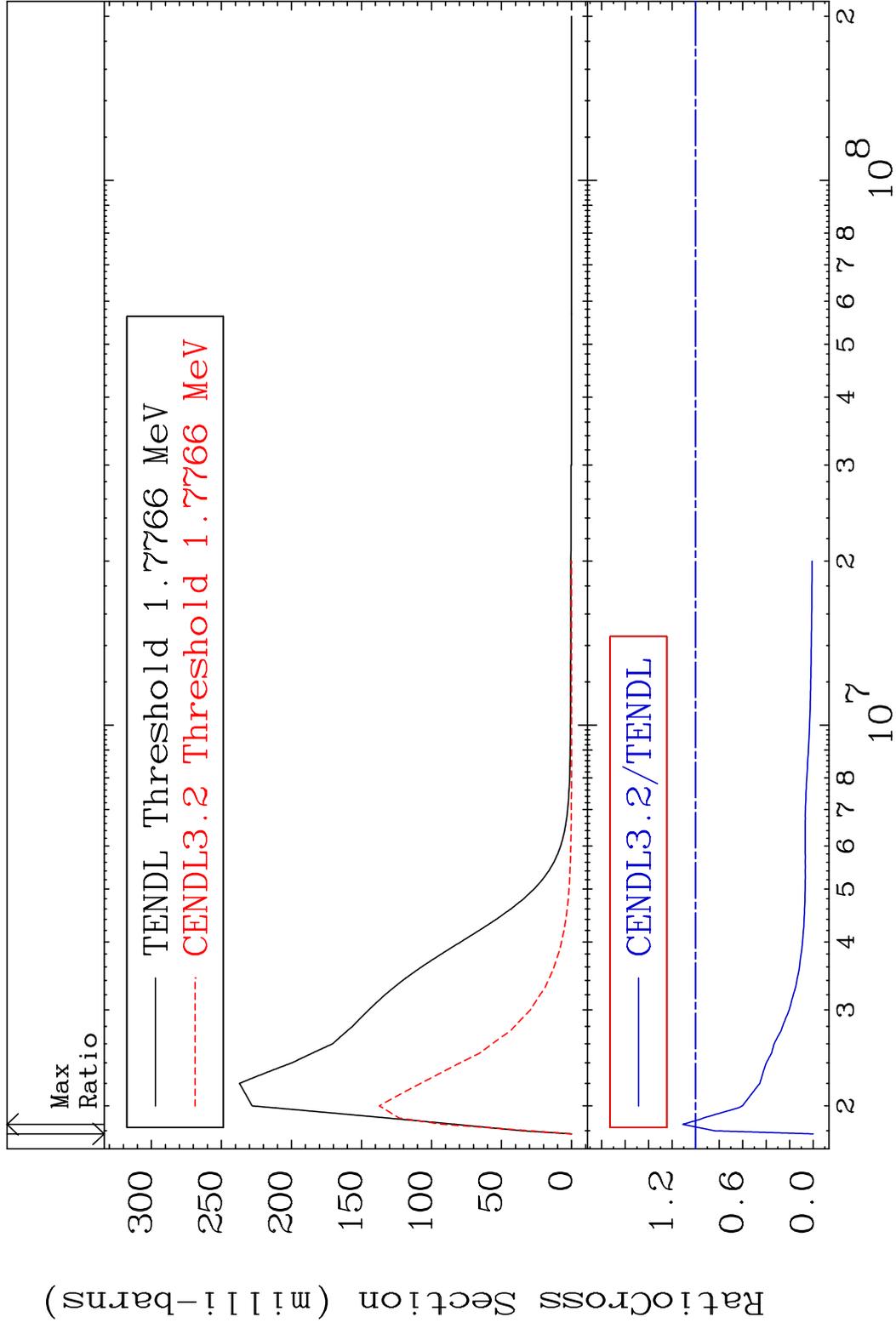


10 Incident Energy (eV) 42-Mo-98

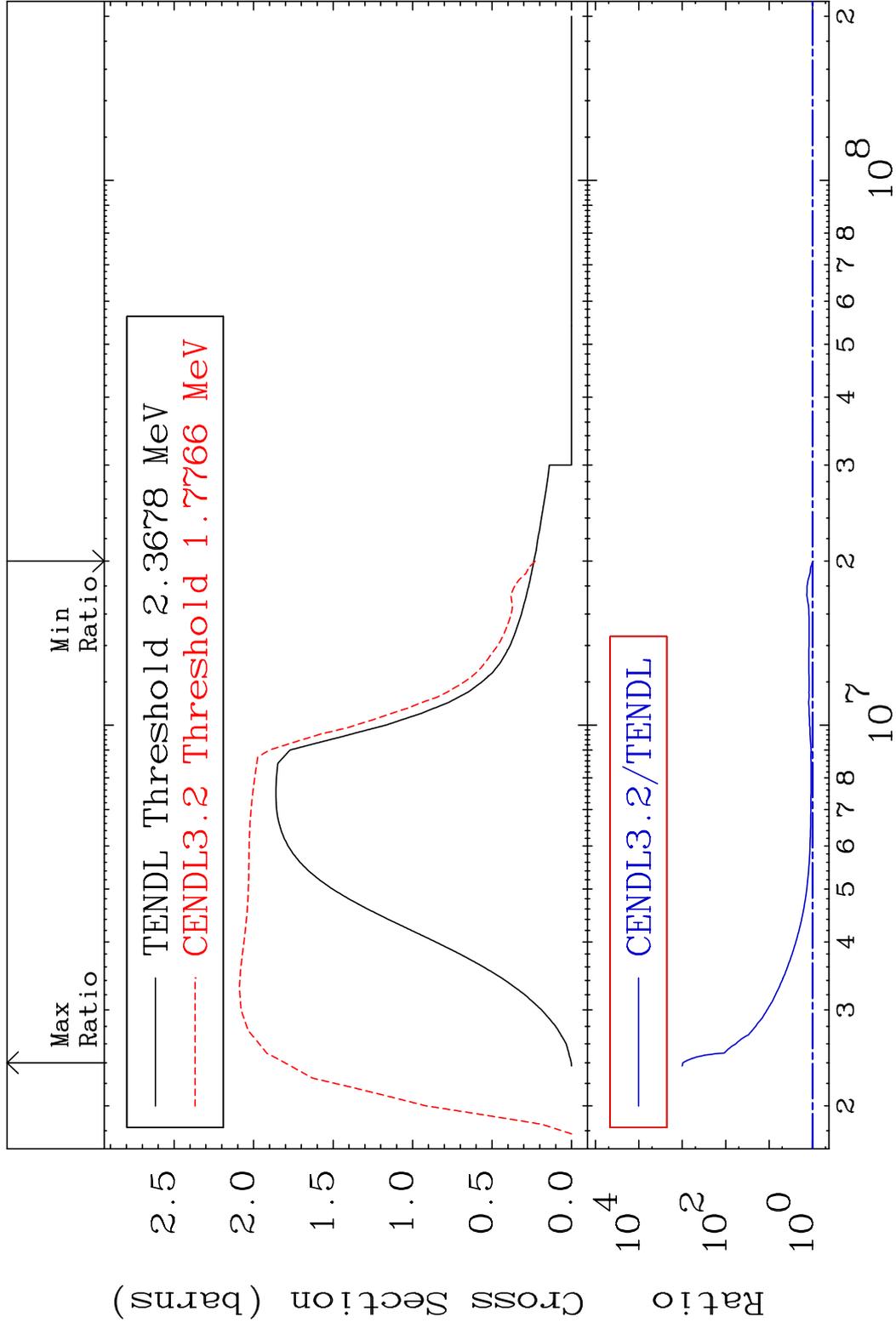
MAT 4243 MT= 54 (n,n') Level 42-Mo-98
 Cross Section -99.89 To -13.32%



MAT 4243 MT= 55 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 10.90 %



MAT 4243 (n, n') Continuum 42-Mo-98
 Cross Section -3.594 To 9999. %

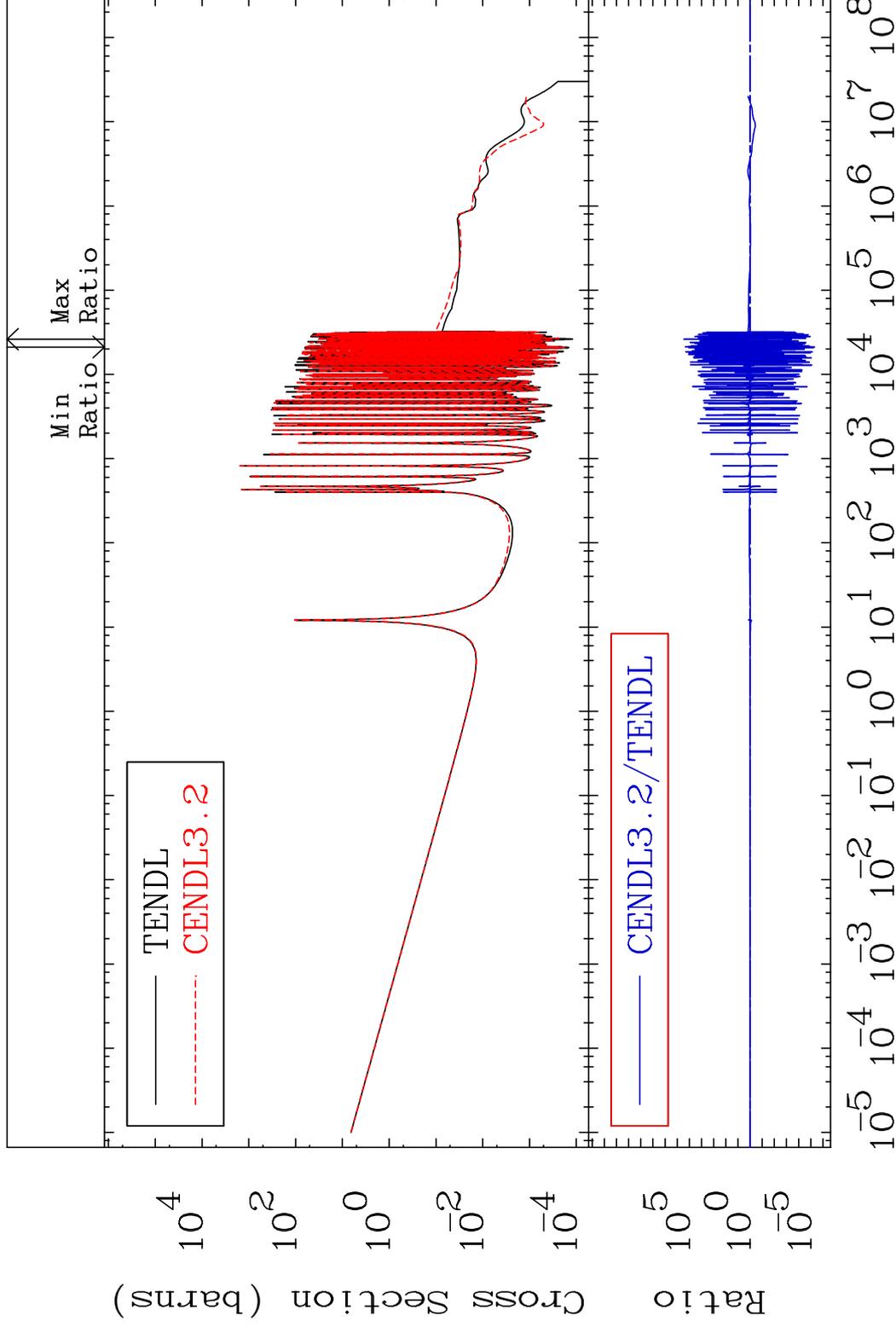


MAT 4243

(n, γ)

42-Mo-98

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

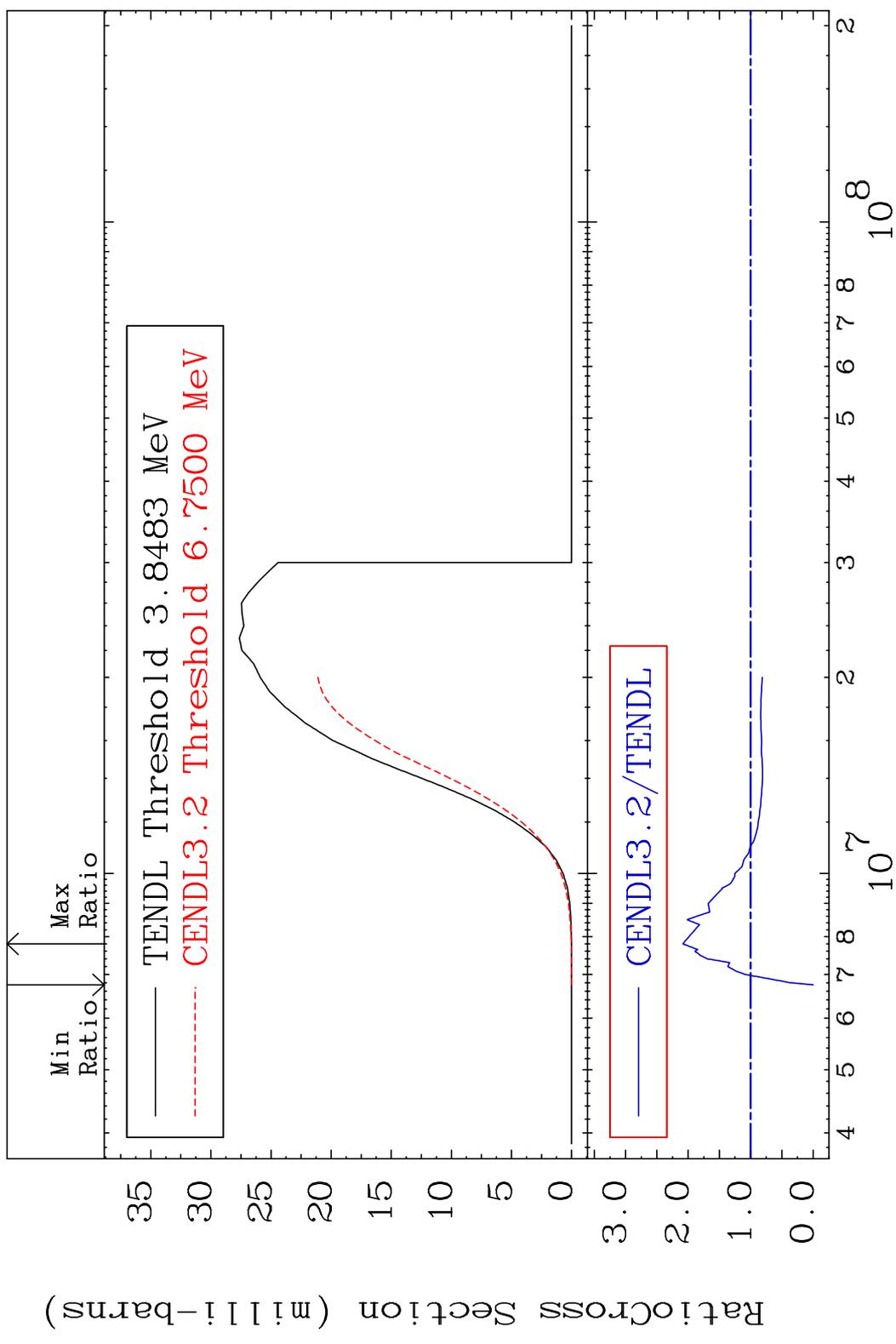
42-Mo-98

MAT 4243

(n,p)

42-Mo-98

Cross Section -100.0 To 108.5 %



15

Incident Energy (eV)

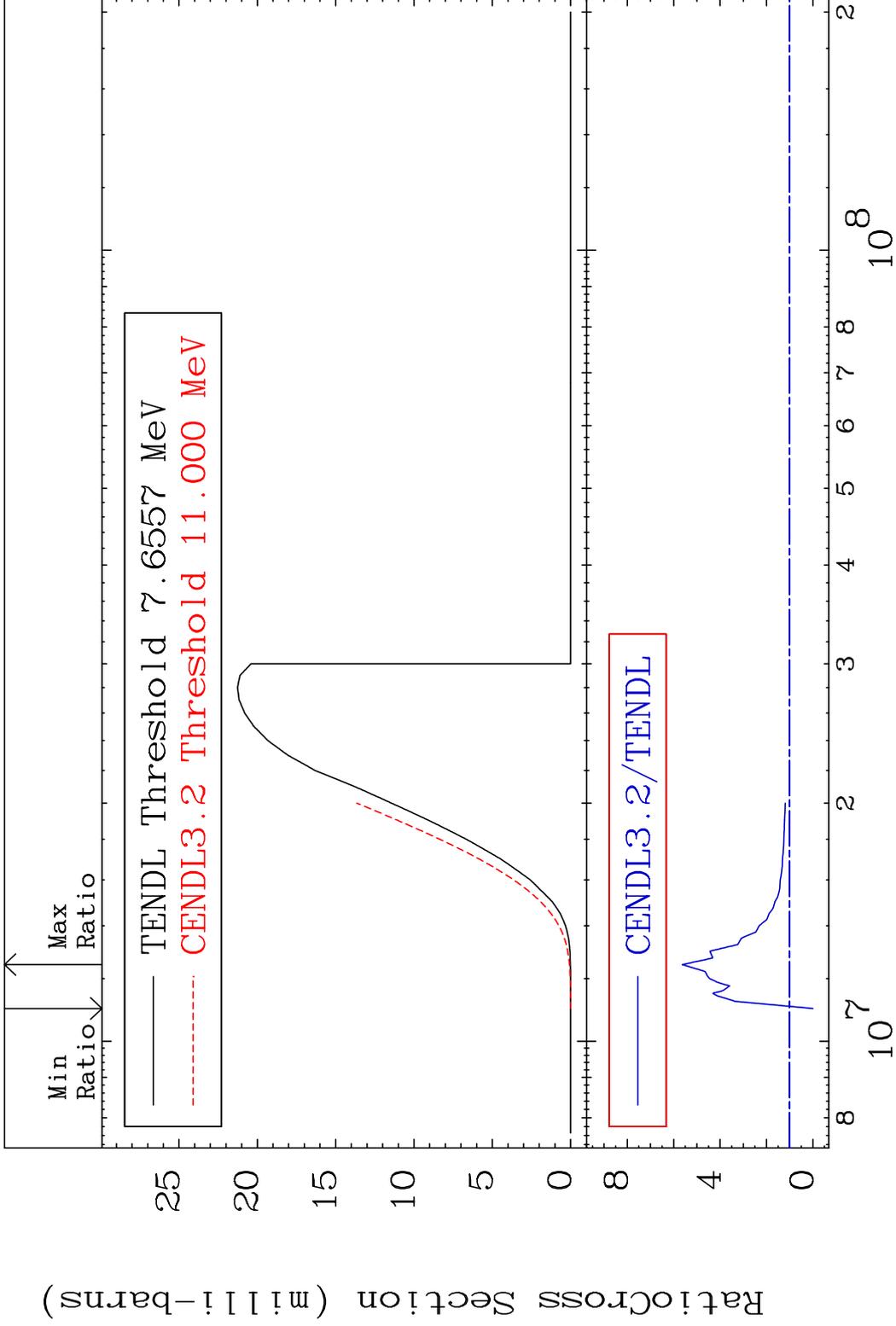
42-Mo-98

MAT 4243

(n, d)

42-Mo-98

Cross Section -100.0 To 463.2 %



16

Incident Energy (eV)

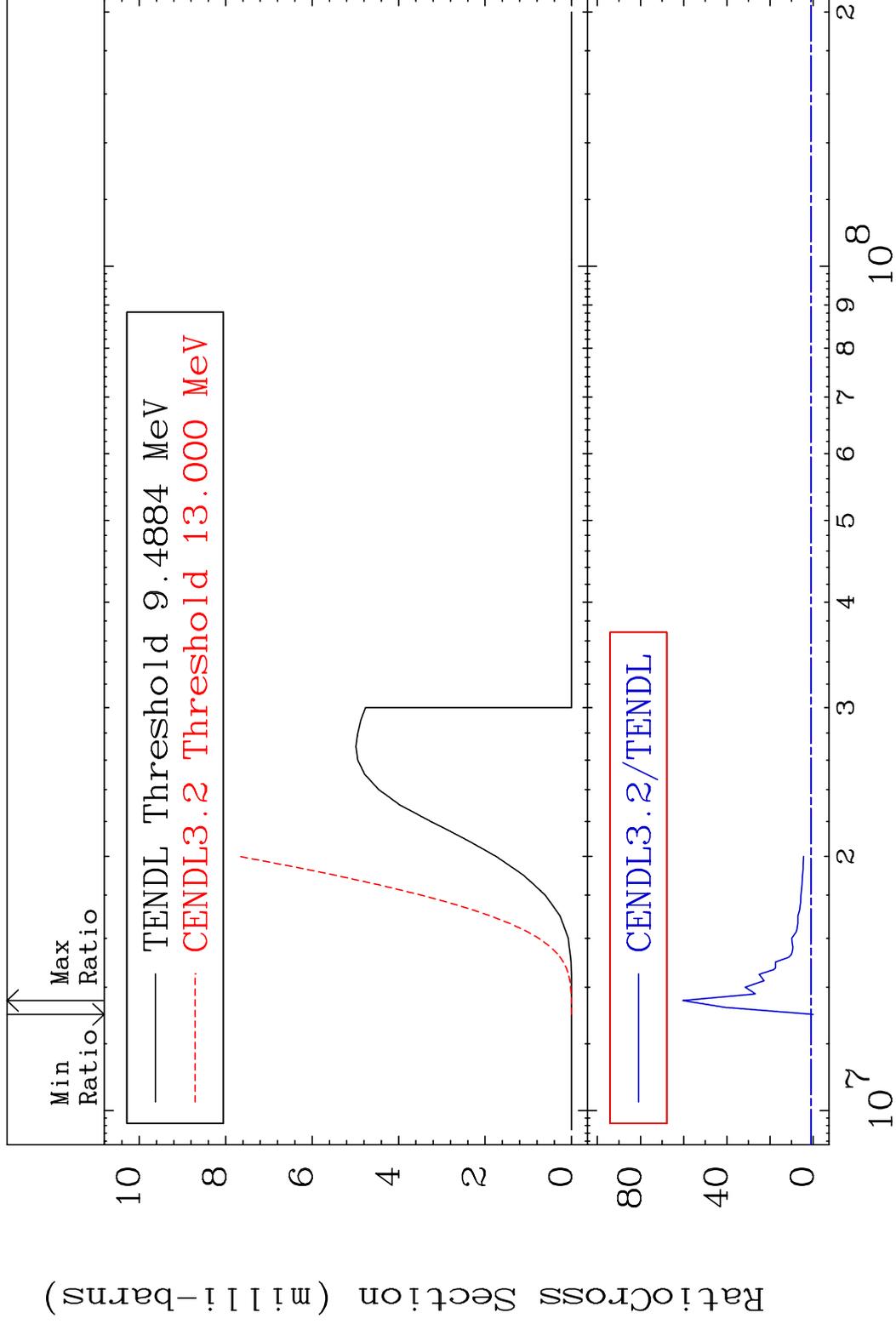
42-Mo-98

MAT 4243

(n, t)

42-Mo-98

Cross Section -100.0 To 5939. %



17

Incident Energy (eV)

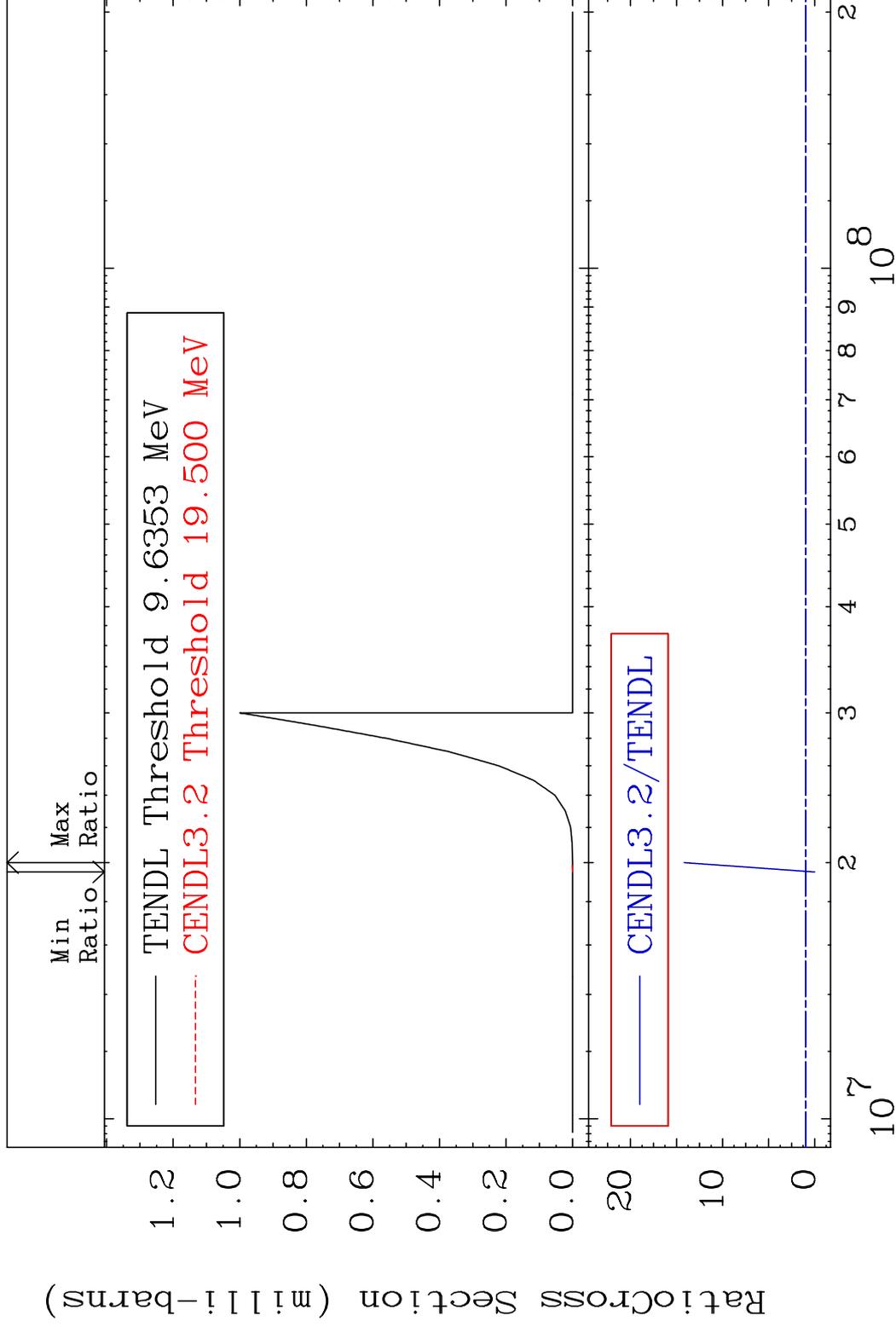
42-Mo-98

MAT 4243

(n, He-3)

42-Mo-98

Cross Section -100.0 To 1318. %



18

Incident Energy (eV)

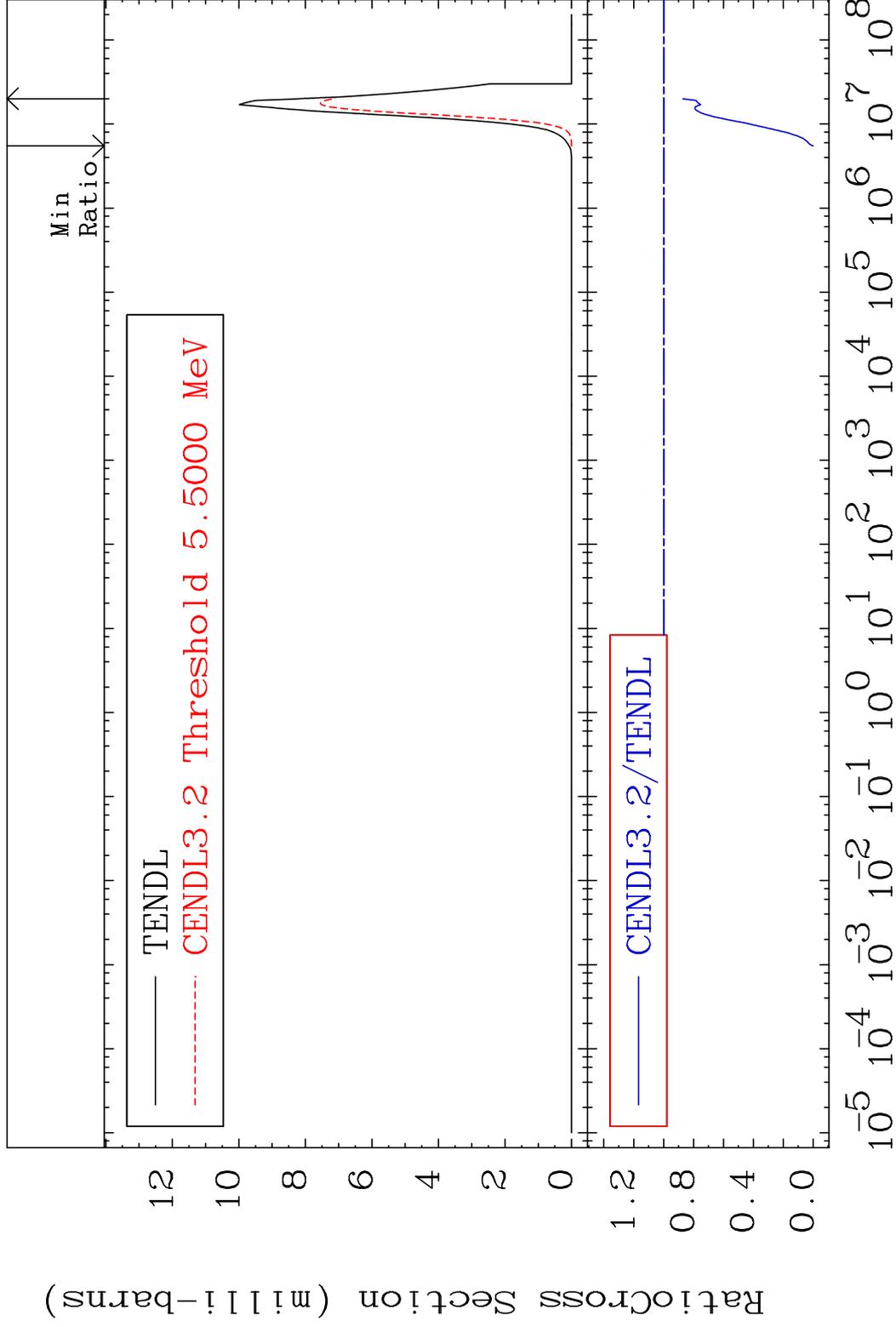
42-Mo-98

MAT 4243

(n, α)

42-Mo-98

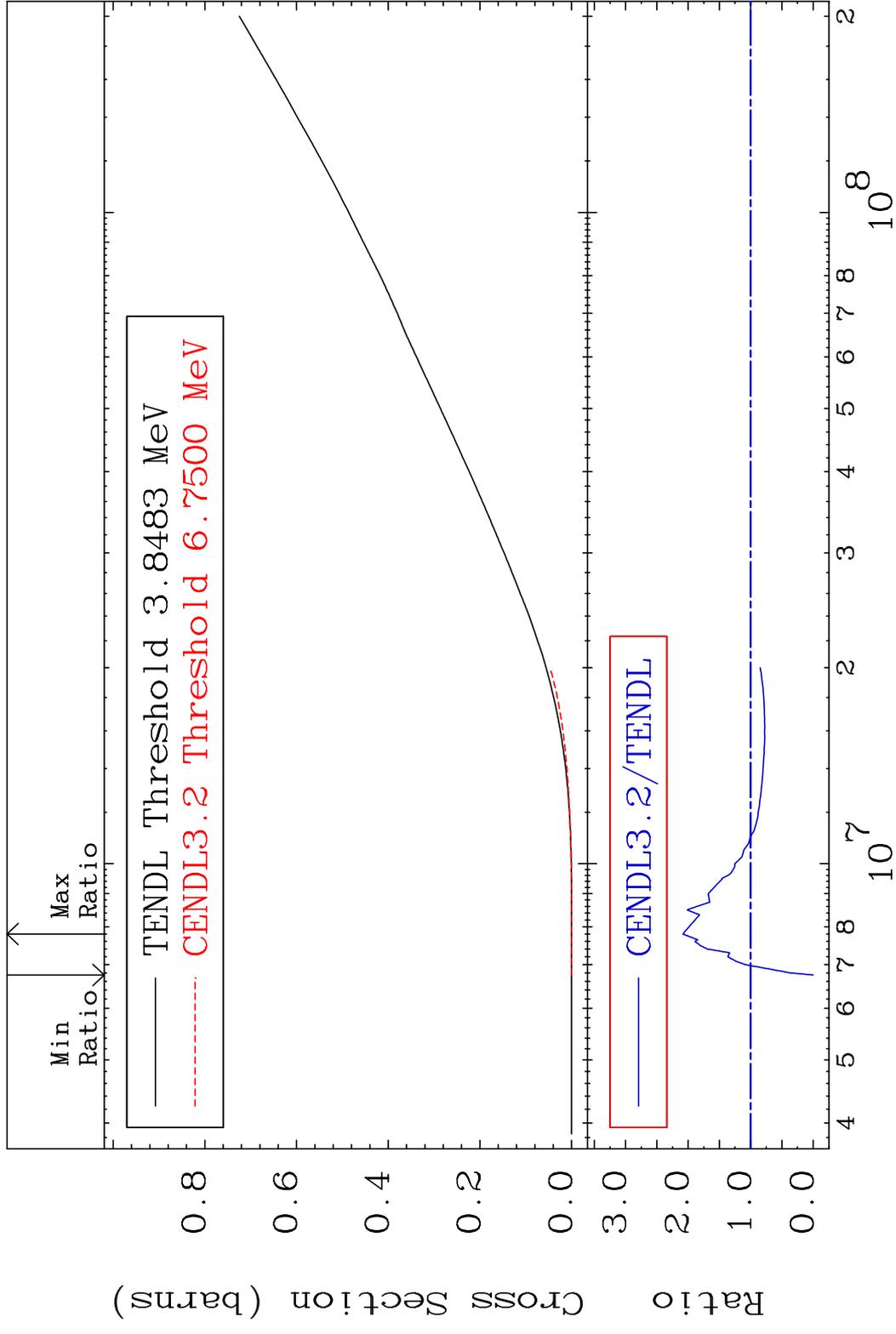
Cross Section -100.0 To -12.86%



19

Incident Energy (eV)

42-Mo-98

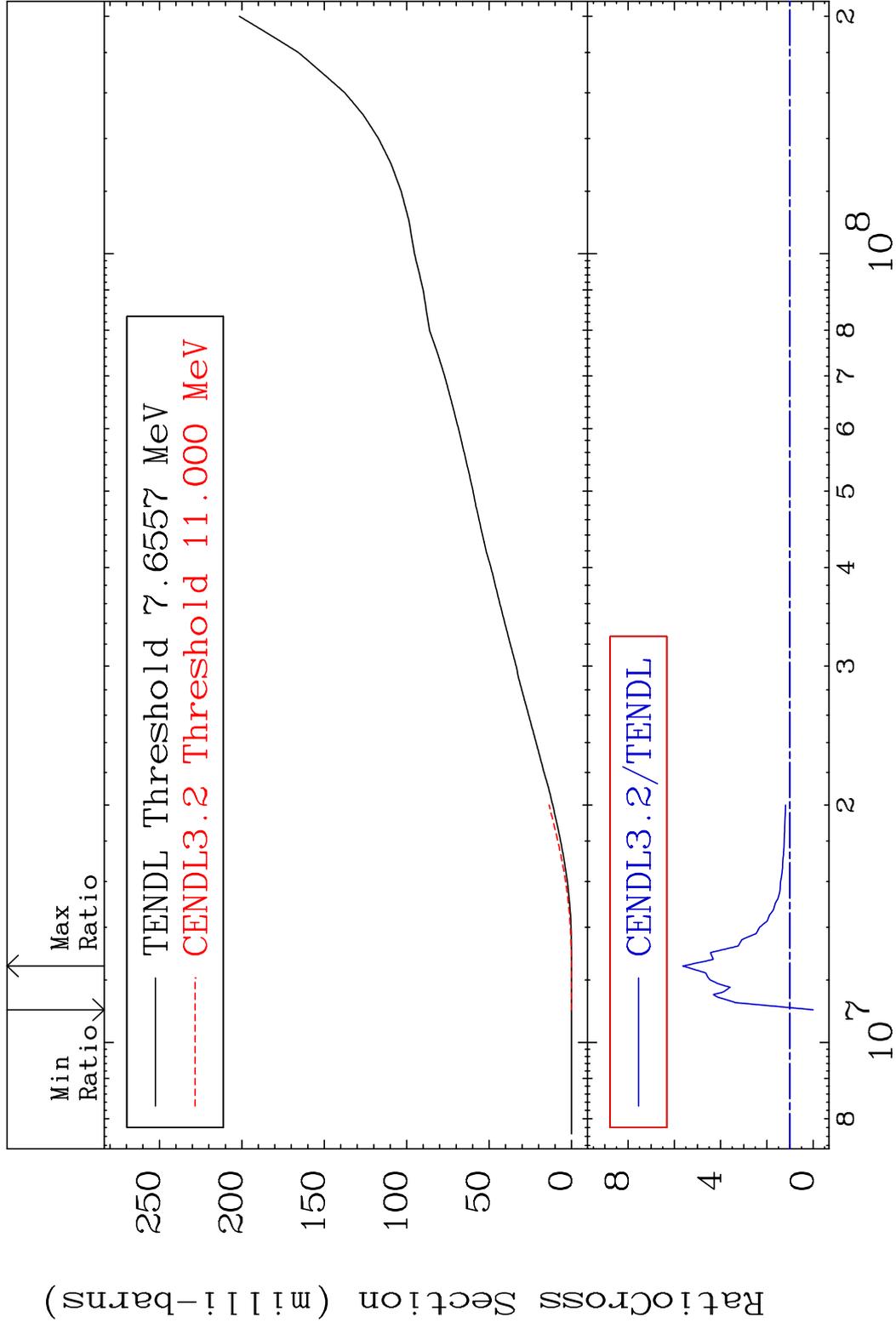


MAT 4243

Deuterium Production

42-Mo-98

Cross Section -100.0 To 463.2 %



21

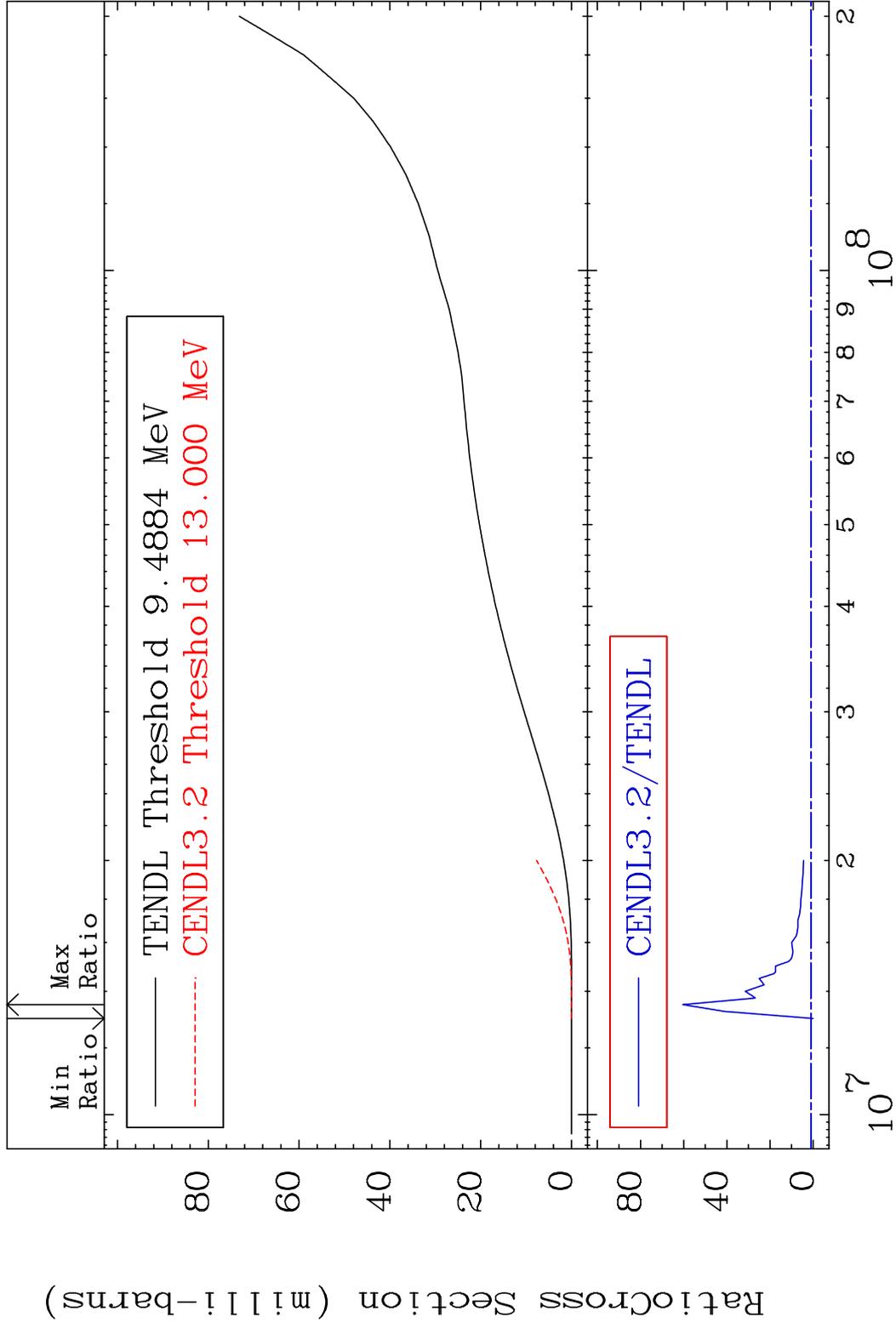
Incident Energy (eV)

42-Mo-98

MAT 4243

Tritium Production 42-Mo-98

Cross Section -100.0 To 5939. %



22

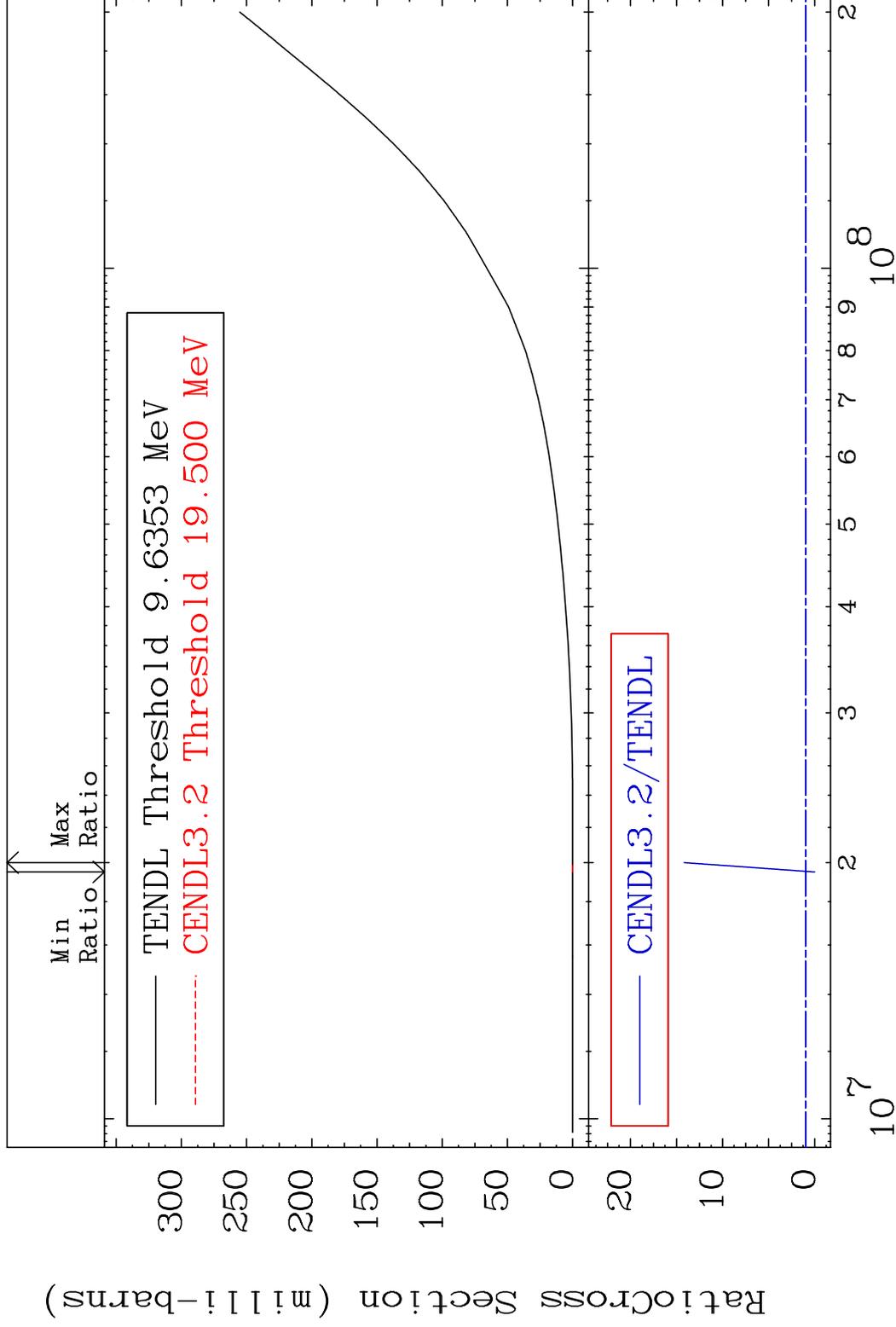
42-Mo-98

MAT 4243

He-3 Production

42-Mo-98

Cross Section -100.0 To 1318. %



23

Incident Energy (eV)

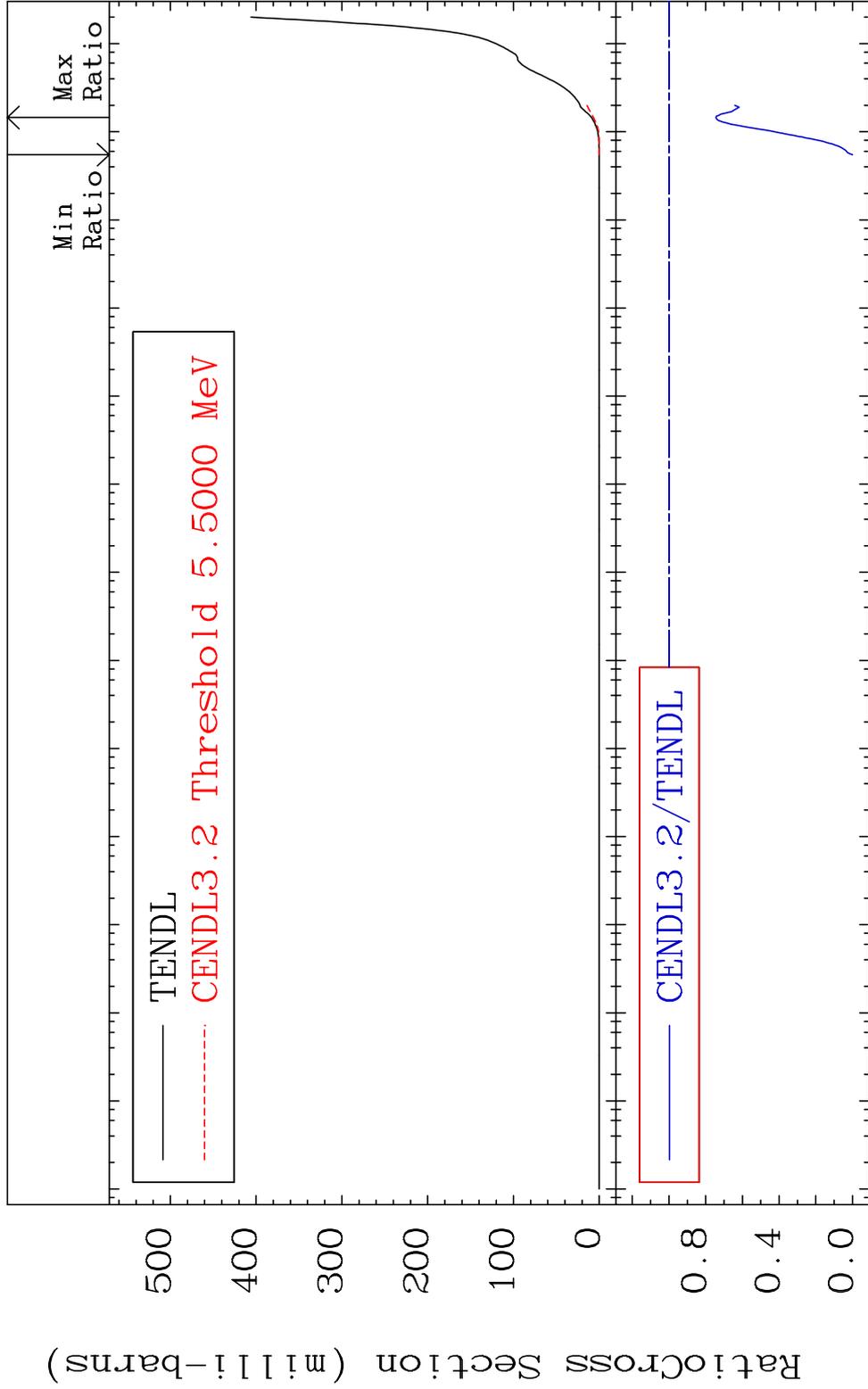
42-Mo-98

MAT 4243

He-4 Production

42-Mo-98

Cross Section -100.0 To -25.56%

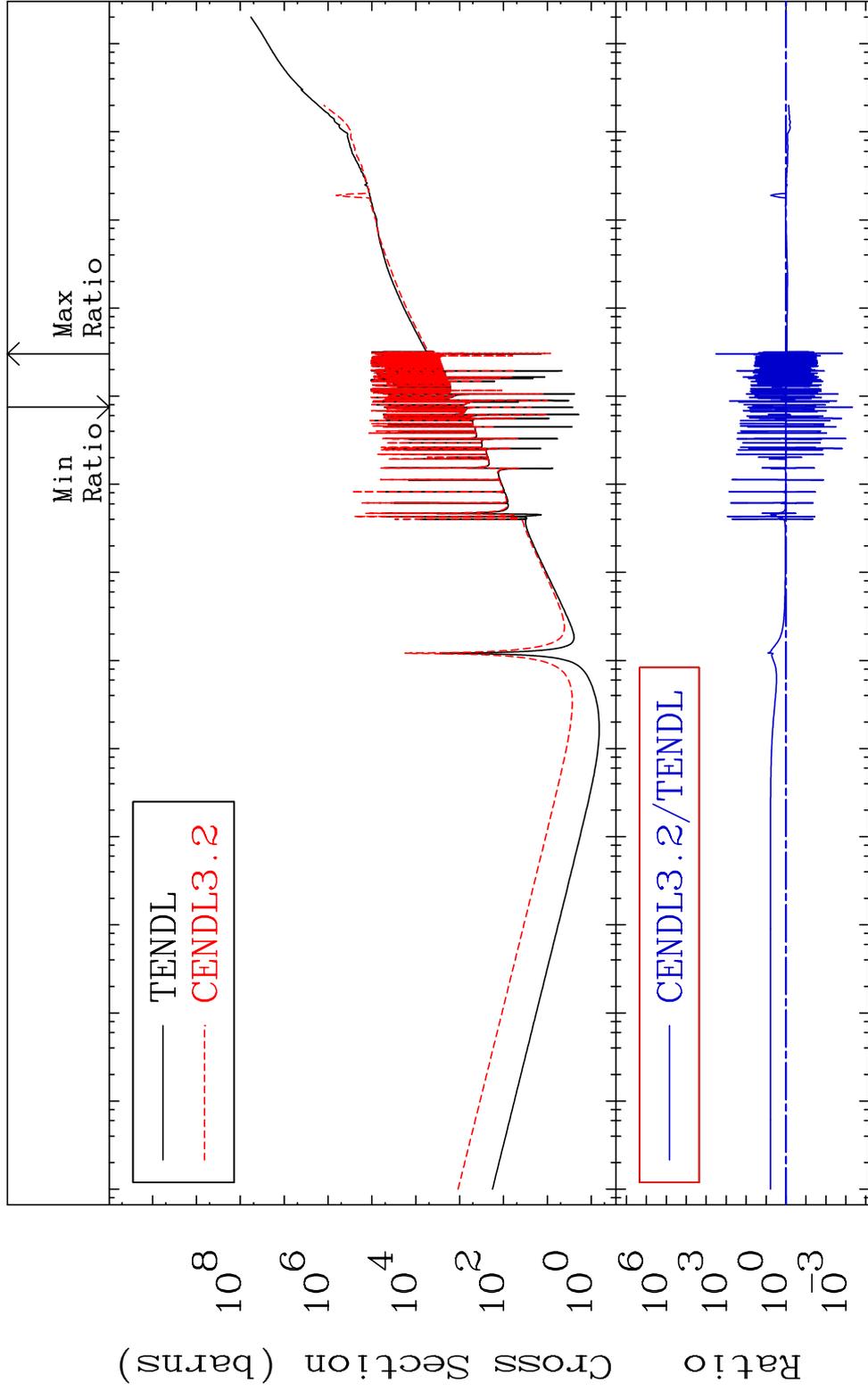


24

Incident Energy (eV)

42-Mo-98

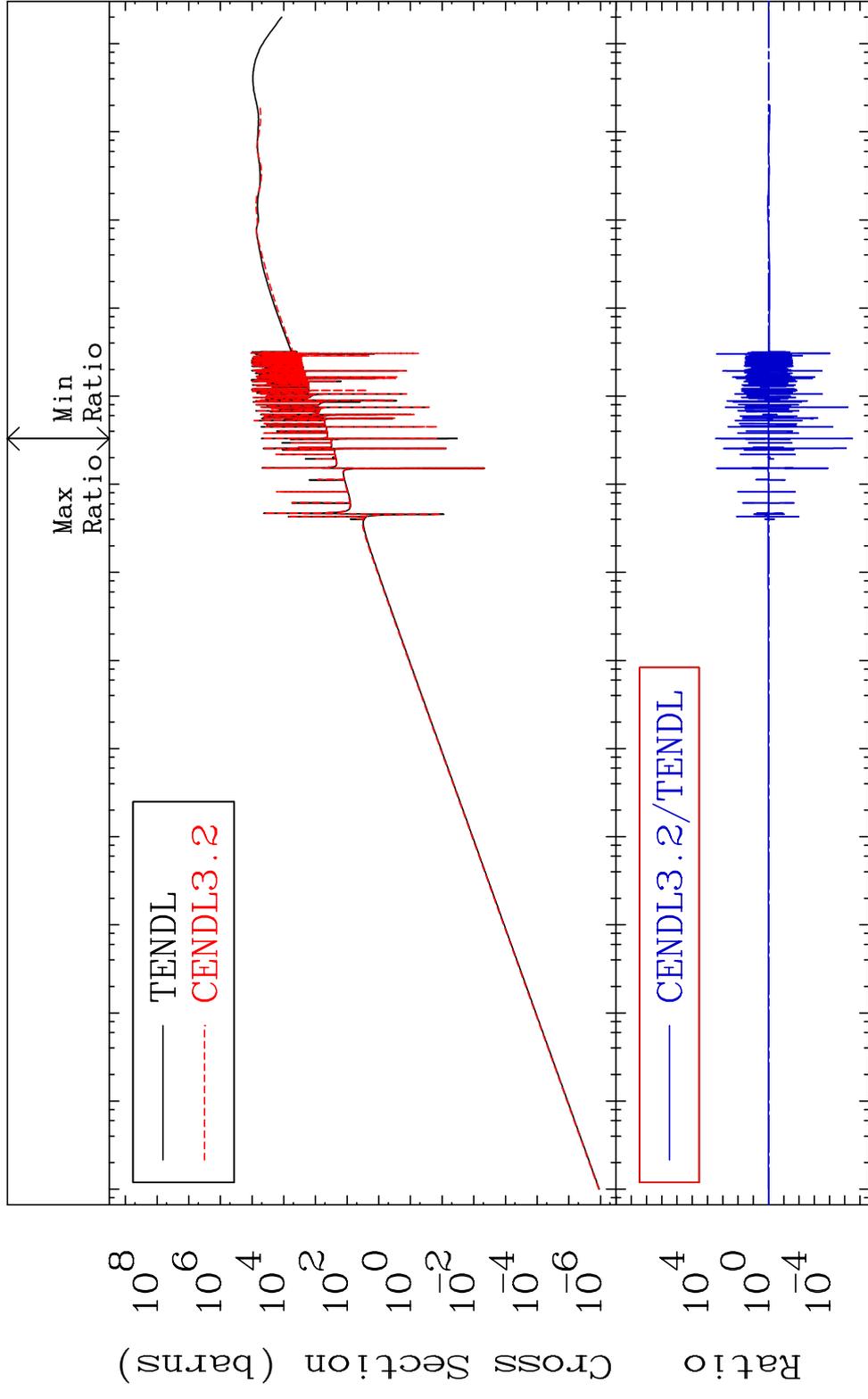
MAT 4243 Kerma total (eV-barns) 42-Mo-98
 Cross Section -99.95 To 9999. %



25 Incident Energy (eV) 42-Mo-98

MAT 4243

Kerma elastic Cross Section -100.0 To 9999. %
42-Mo-98

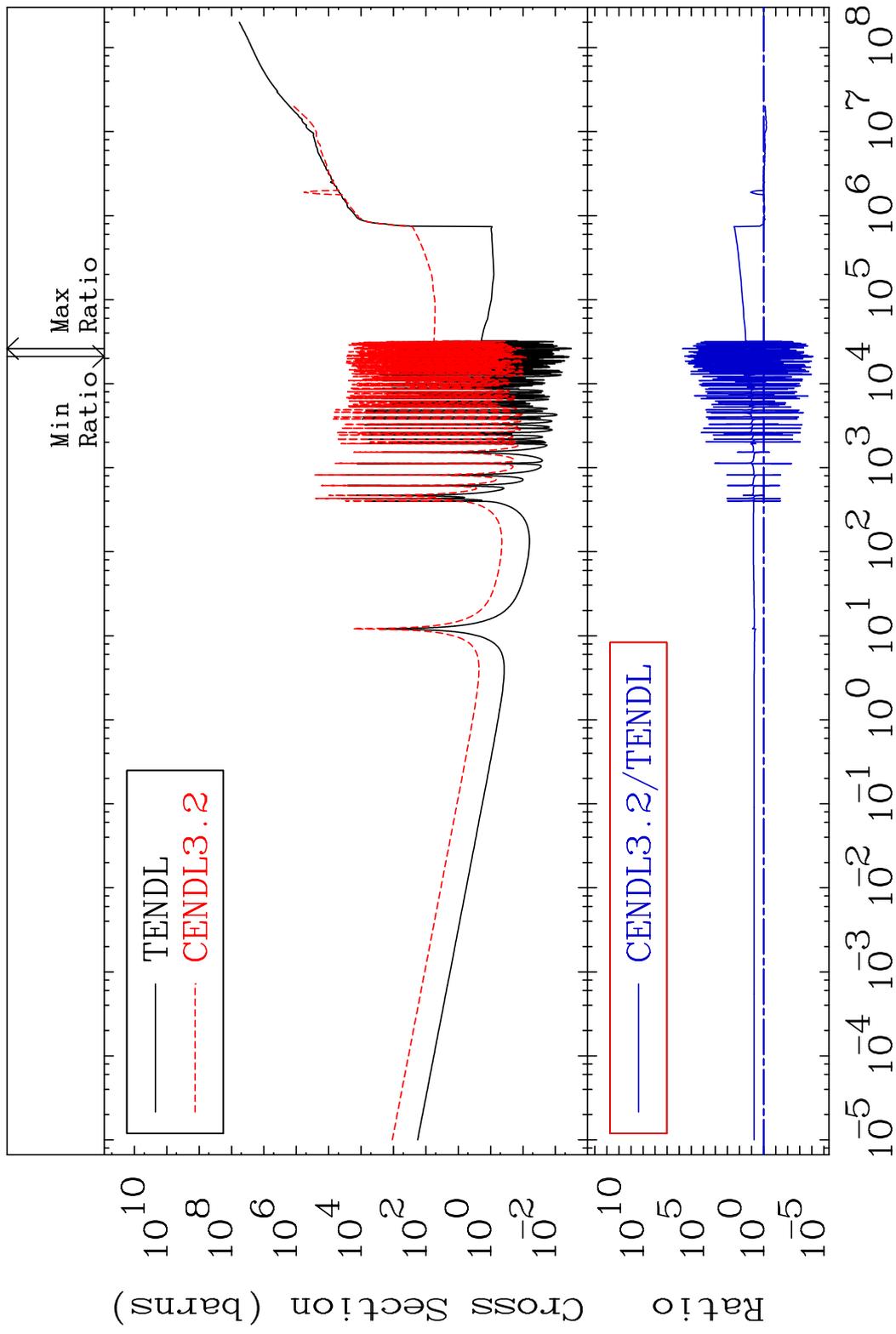


26

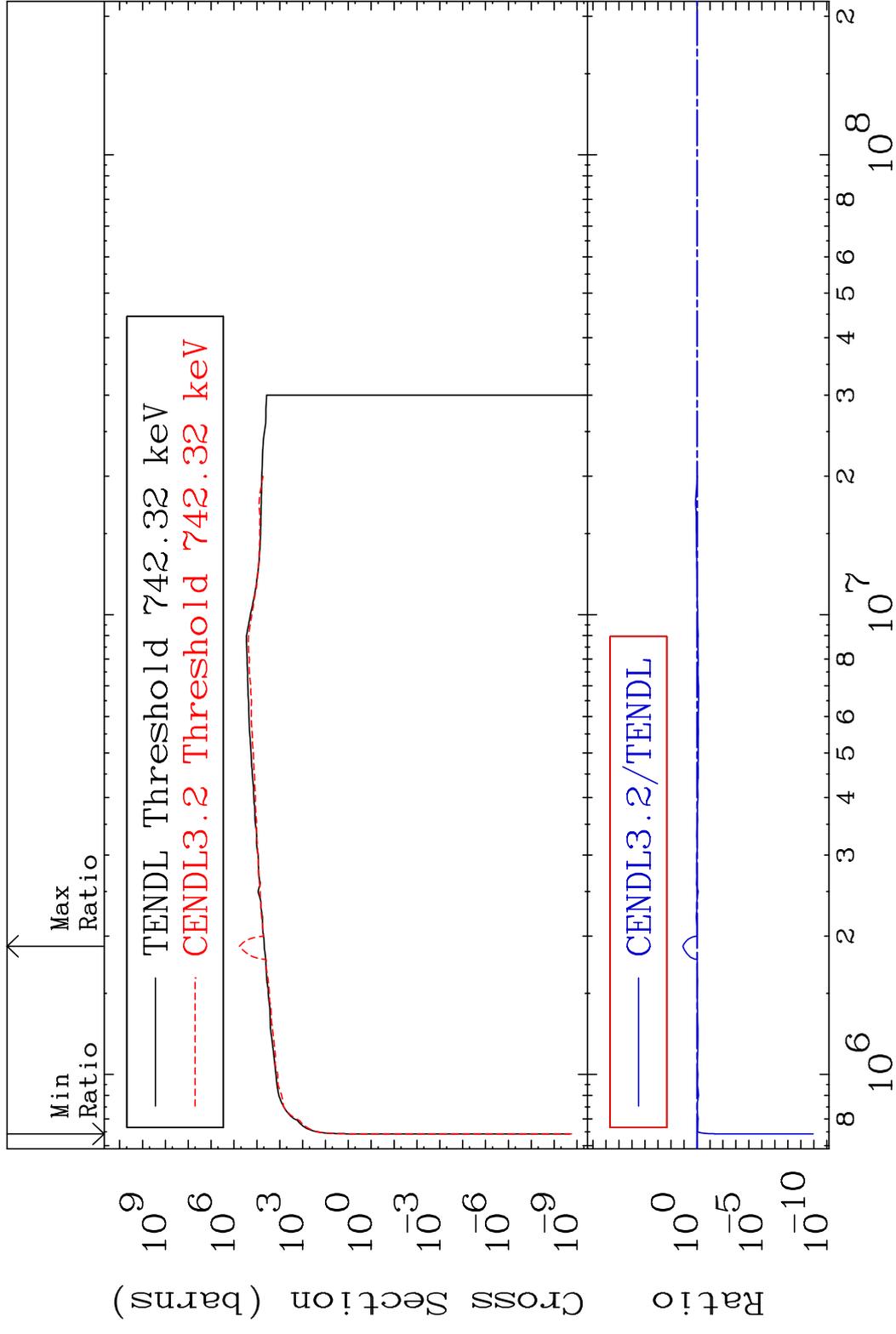
Incident Energy (eV)

42-Mo-98

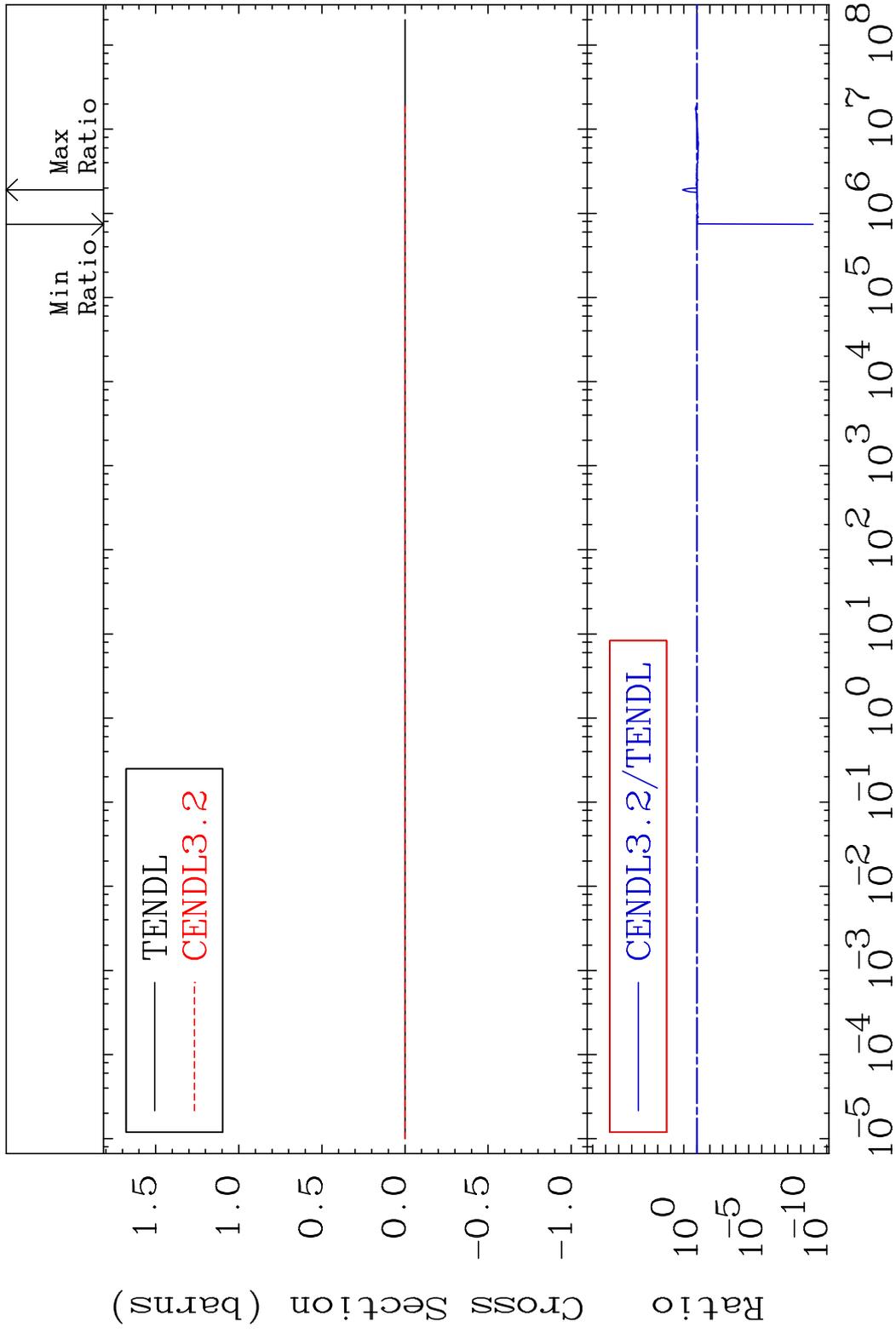
MAT 4243 Kerma non-elastic (all but mt2) 42-Mo-98
 Cross Section -99.99 To 9999. %



MAT 4243 Kerma inelastic (mt51-91) 42-Mo-98
 Cross Section -100.0 To 1110. %

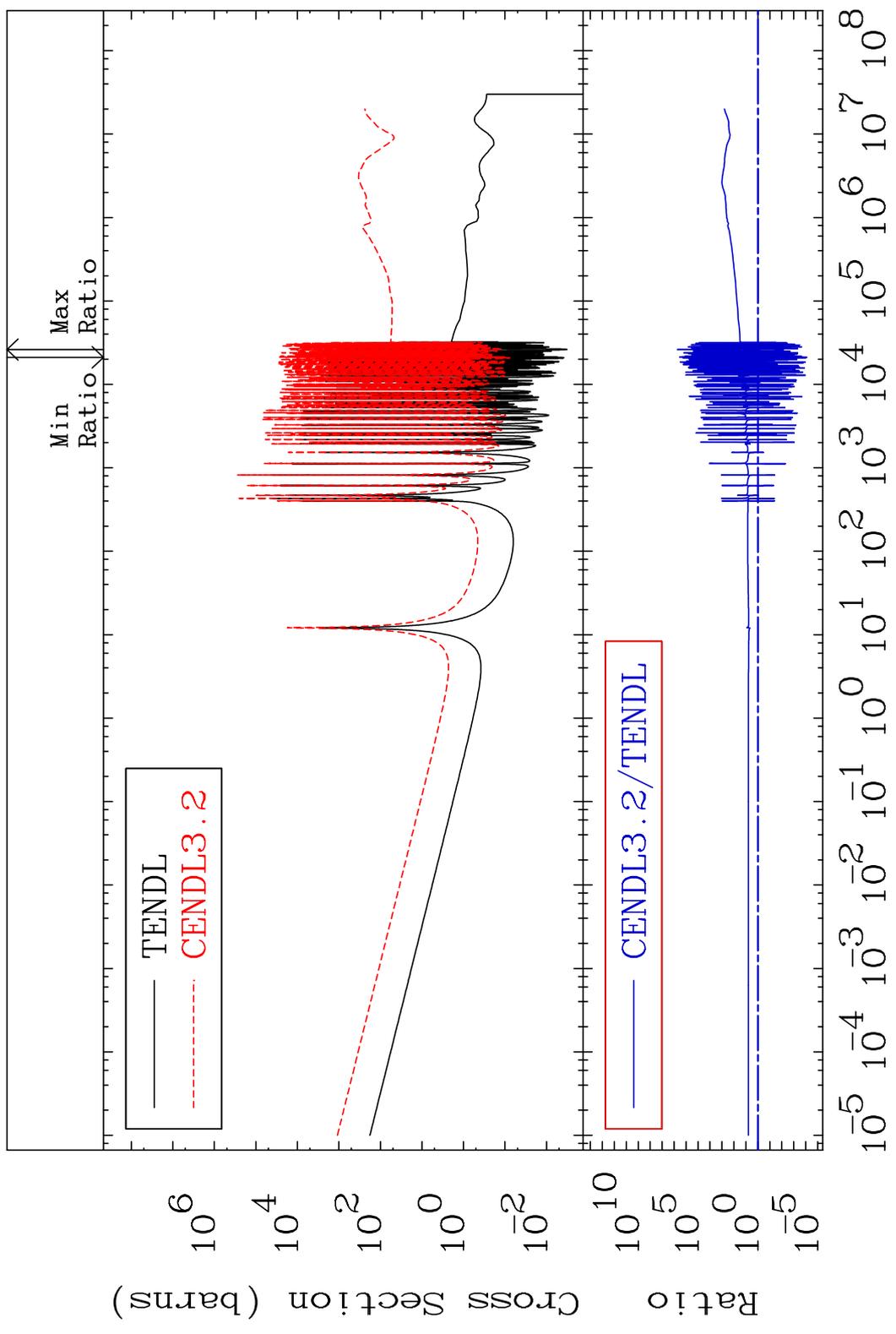


MAT 4243 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-98
 Cross Section -100.0 To 1110. %



MAT 4243

Kerma capture (mt102) 42-Mo-98
Cross Section -99.99 To 9999. %

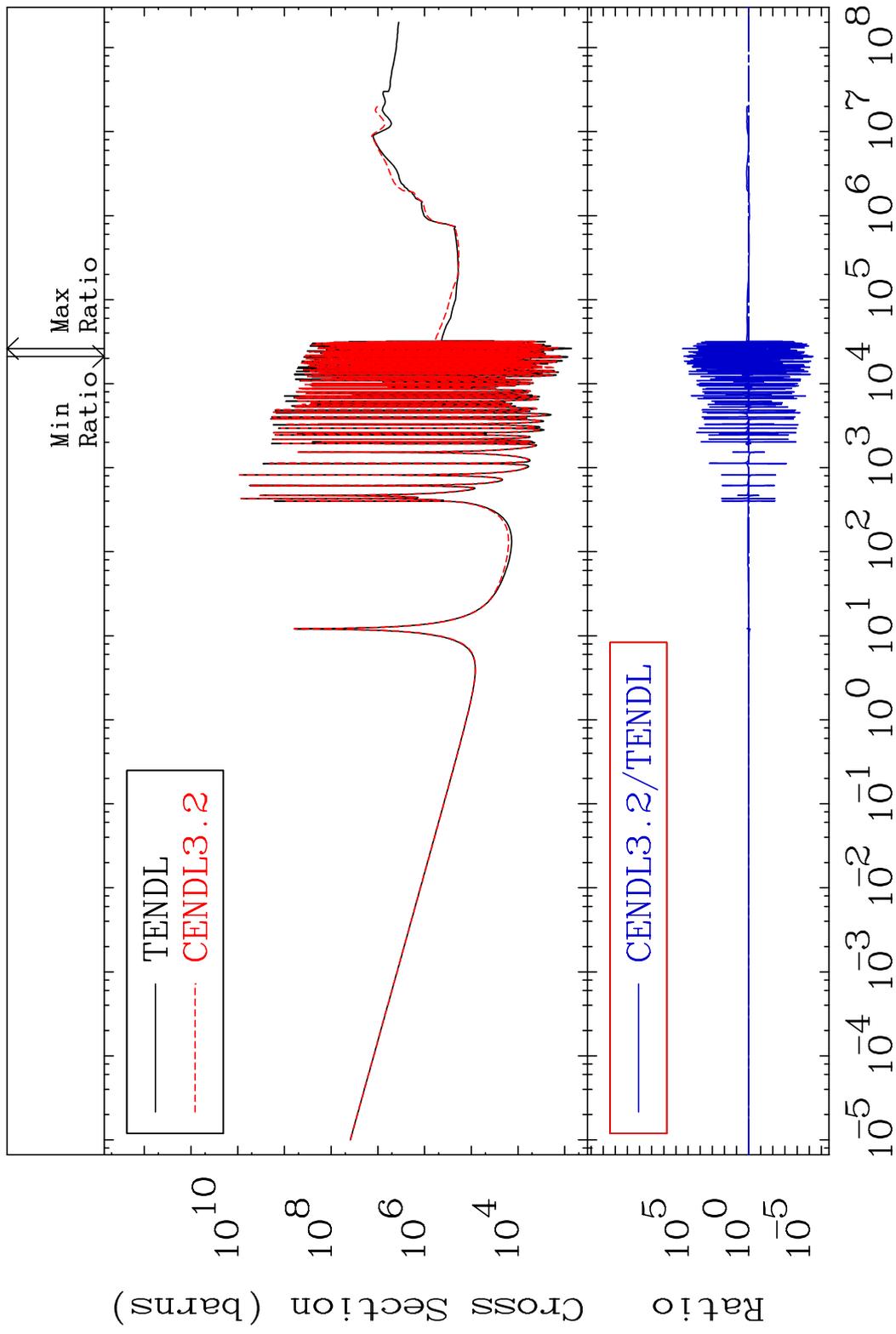


30

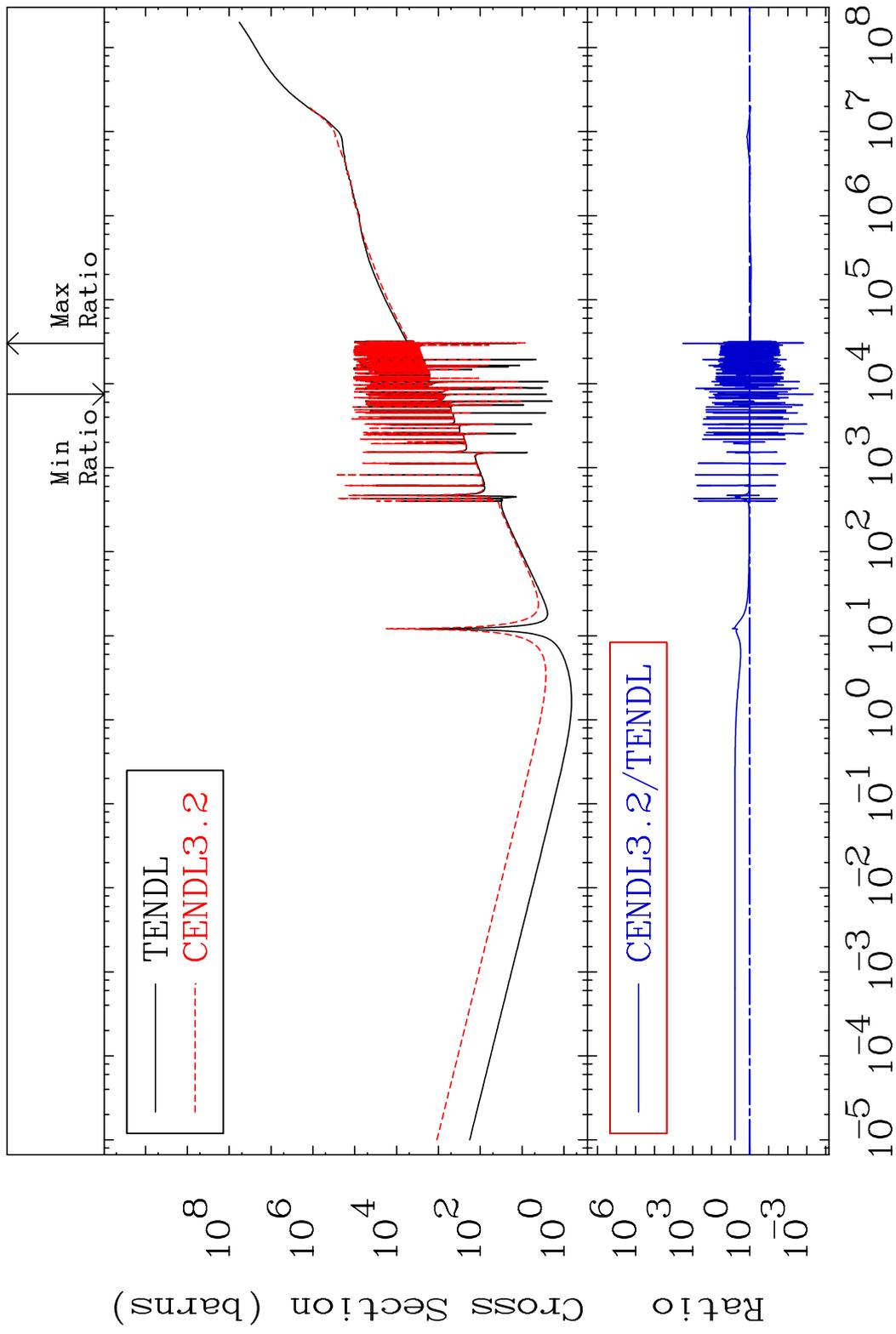
Incident Energy (eV)

42-Mo-98

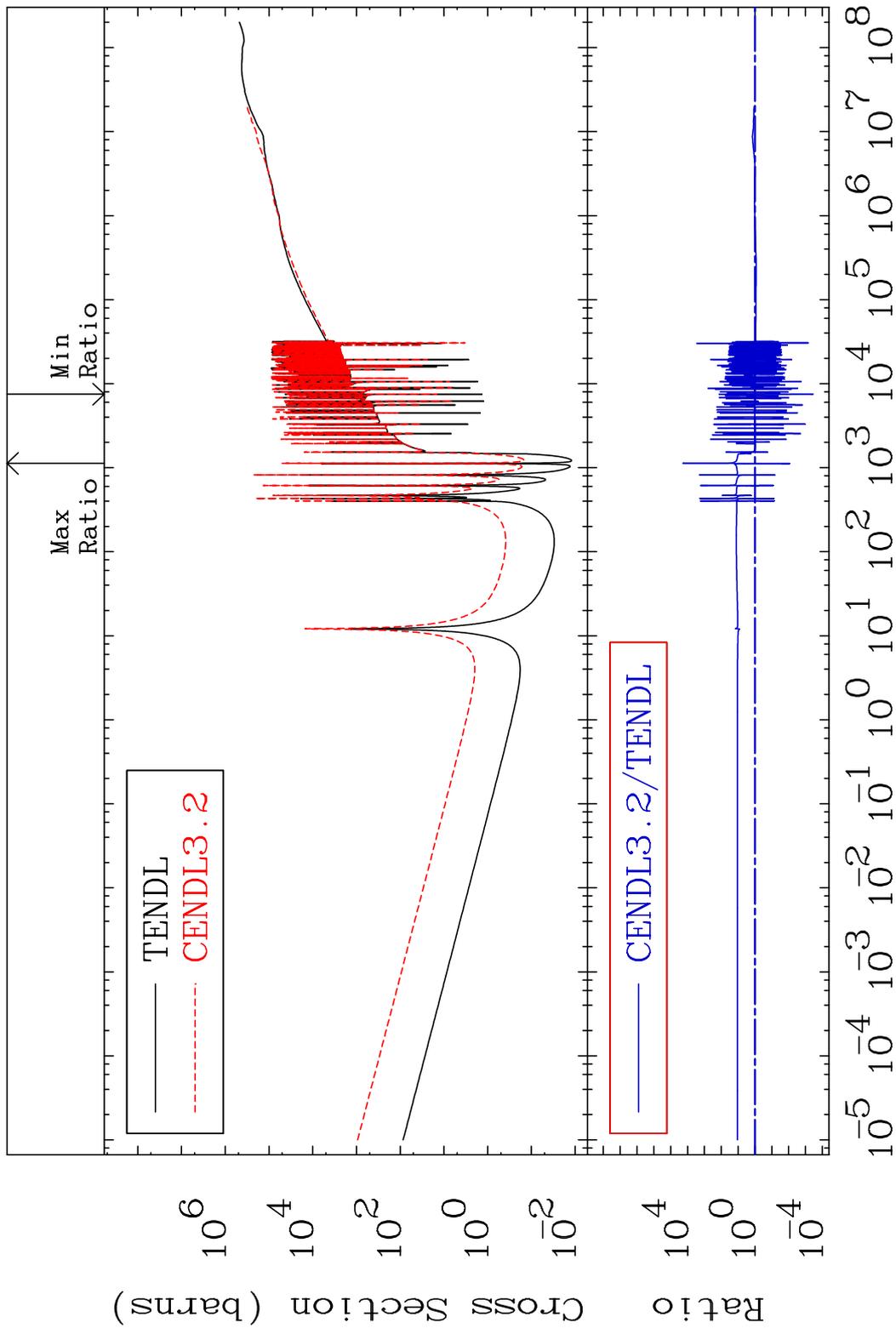
MAT 4243 Total photon (eV-barns) 42-Mo-98
 Cross Section -100.0 To 9999. %



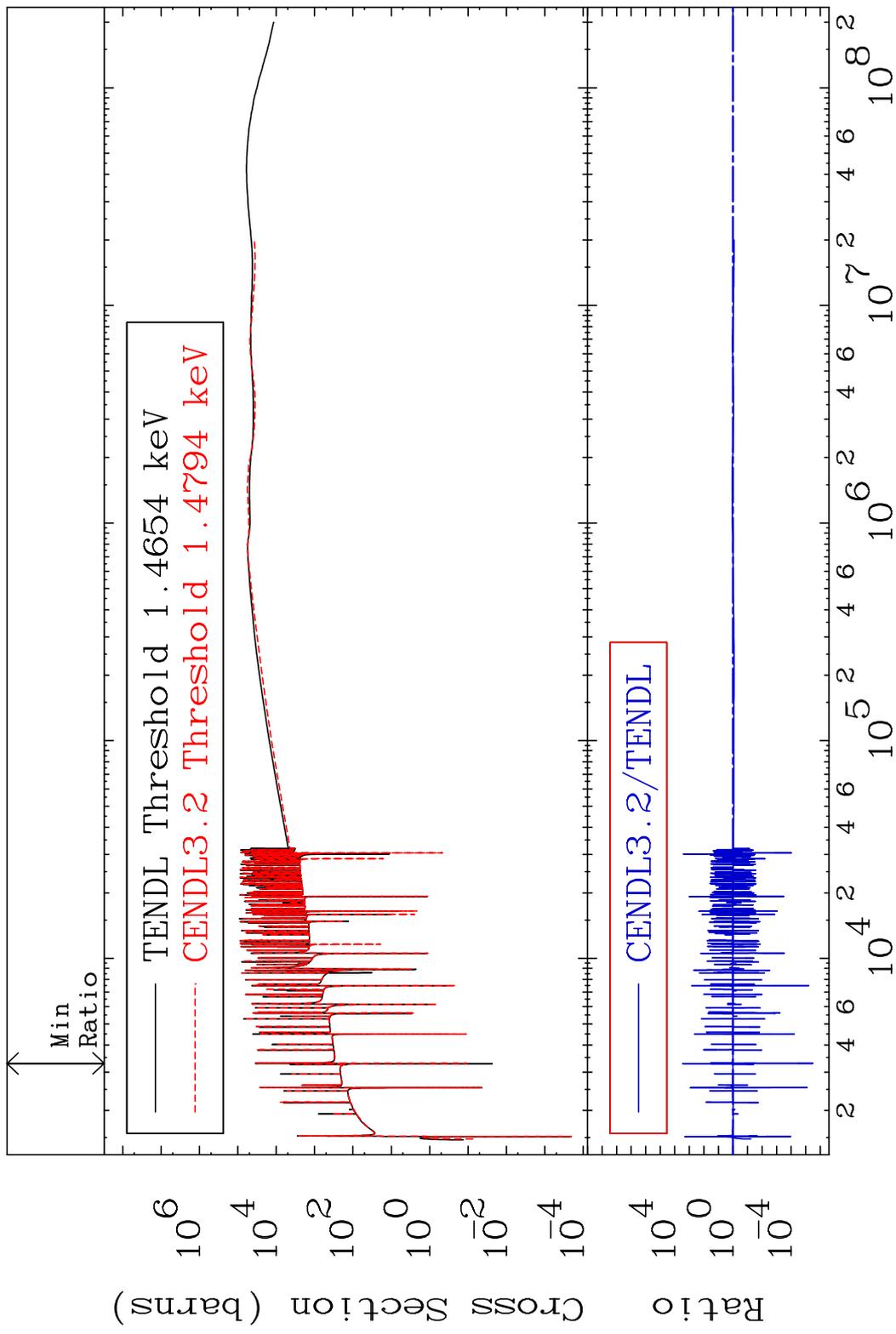
MAT 4243 Total kinematic kerma (high limit) 42-Mo-98
 Cross Section -99.95 To 9999. %



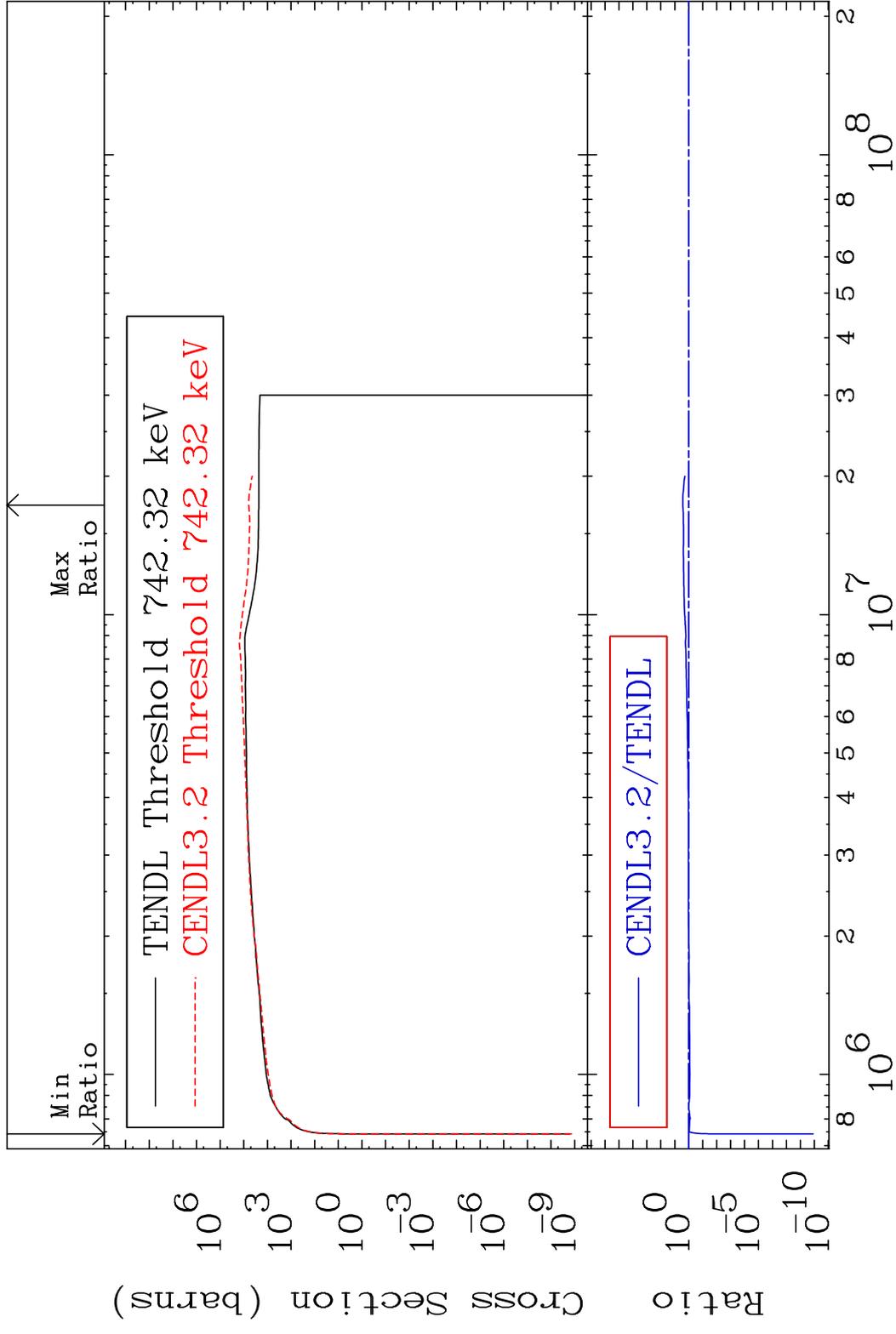
MAT 4243 Dpa total (eV-barns) 42-Mo-98
 Cross Section -99.96 To 9999. %



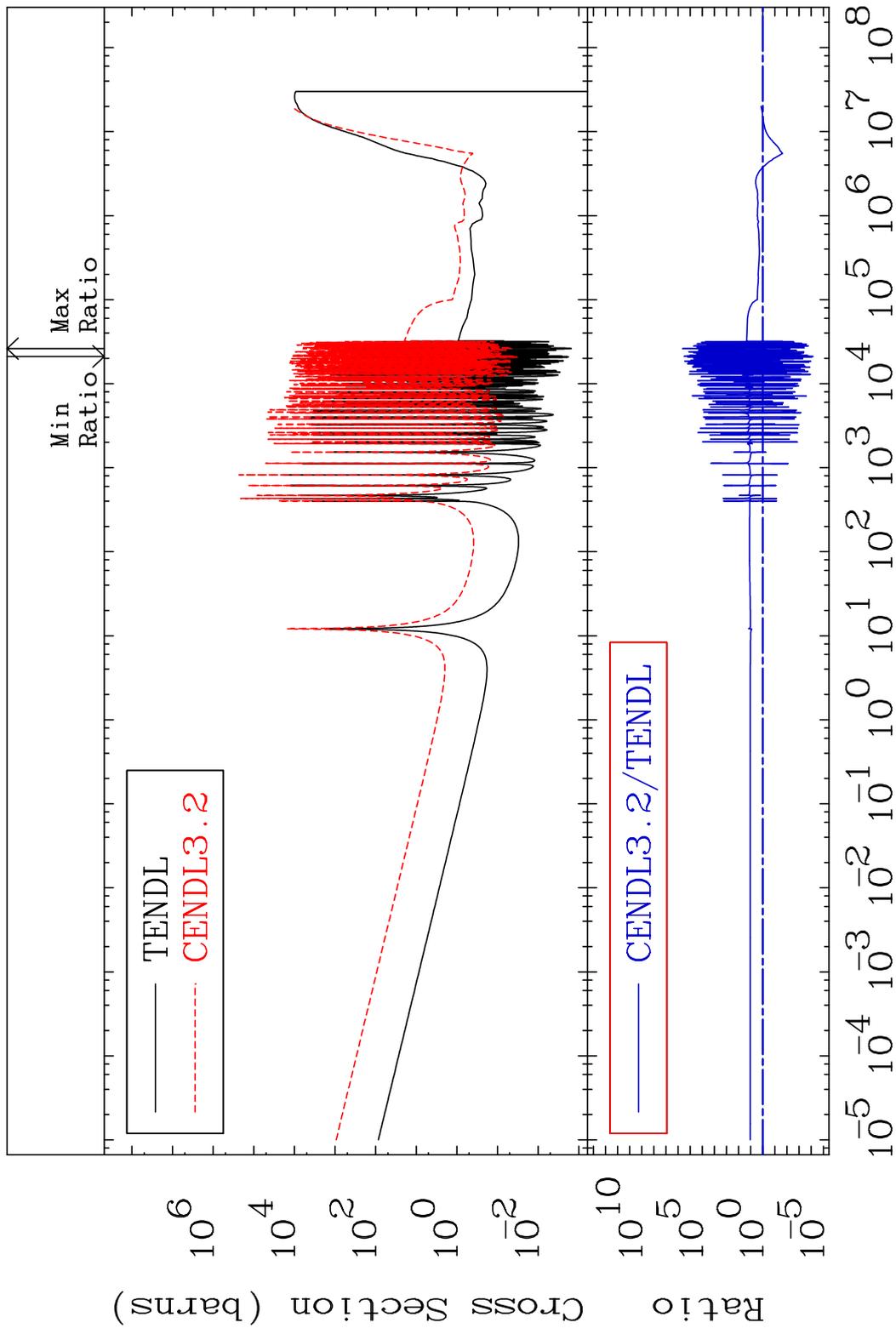
MAT 4243 Dpa elastic (mt2) 42-Mo-98
 Cross Section -100.0 To 9999. %



MAT 4243 Dpa inelastic (mt51-91) 42-Mo-98
 Cross Section -100.0 To 165.0 %

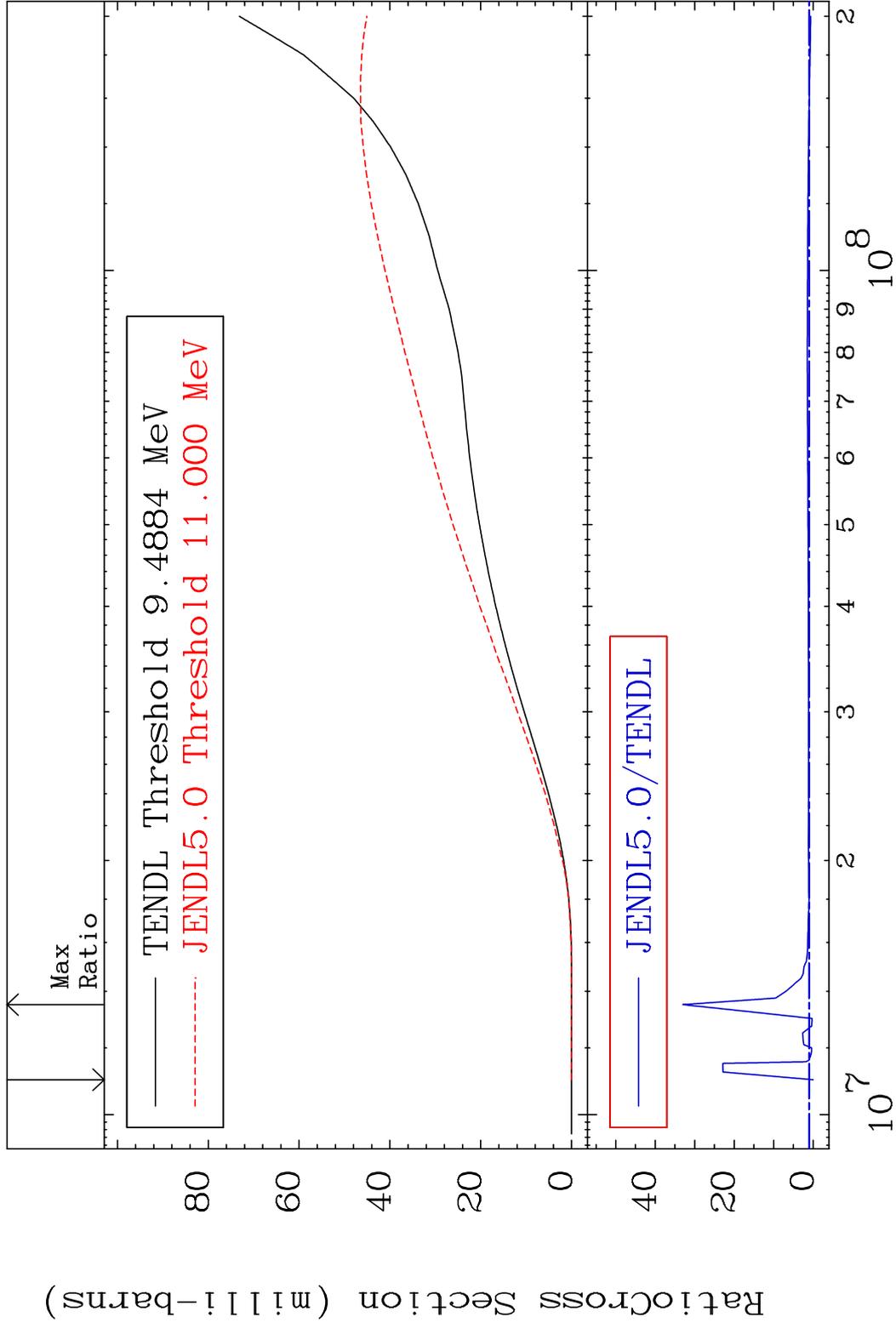


MAT 4243 Dpa disappearance (mt102 -120) 42-Mo-98
 Cross Section -99.99 To 9999. %



MAT 4243

Tritium Production 42-Mo-98
Cross Section -100.0 To 3201. %



37

Incident Energy (eV)

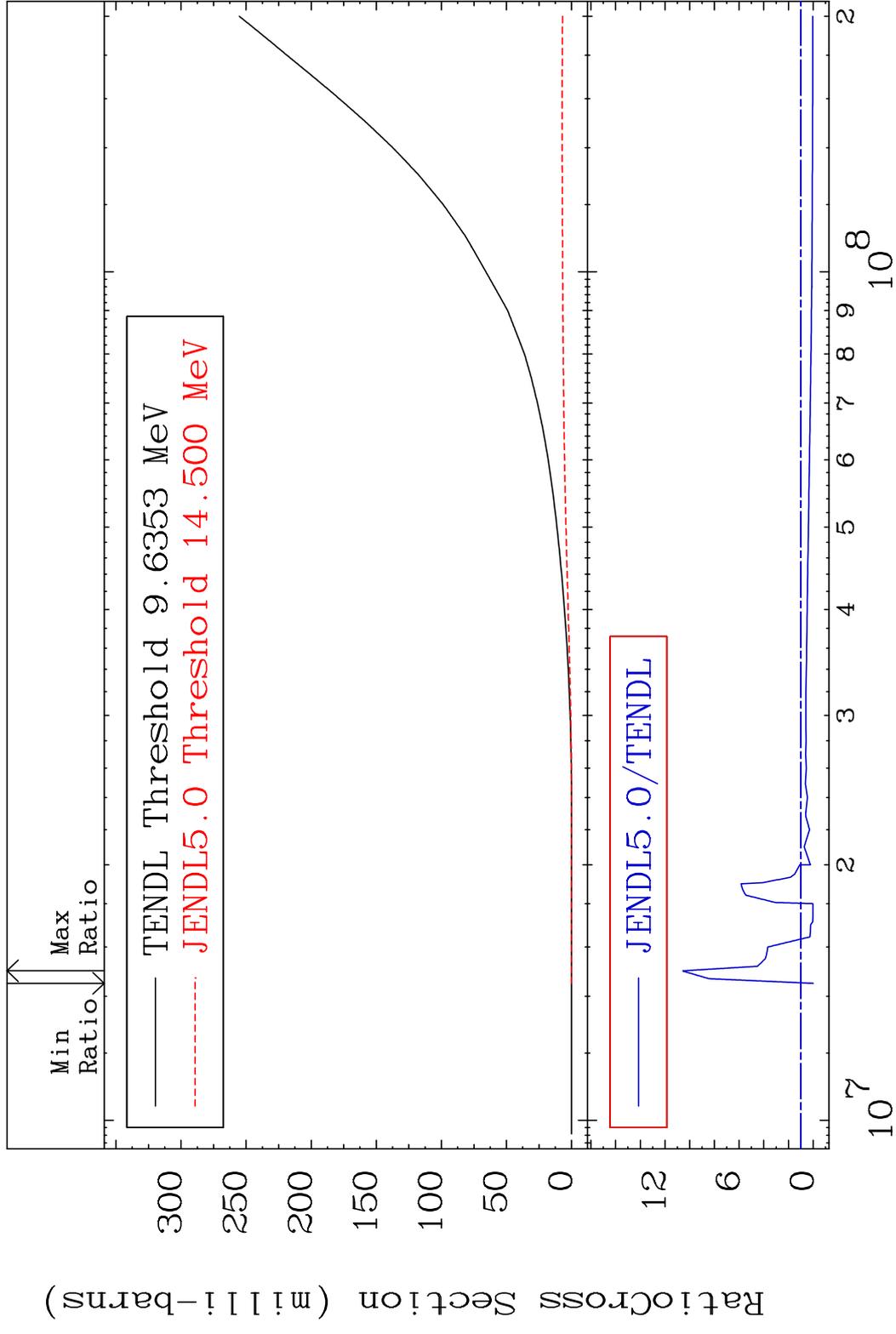
42-Mo-98

MAT 4243

He-3 Production

42-Mo-98

Cross Section -100.0 To 955.5 %



38

Incident Energy (eV)

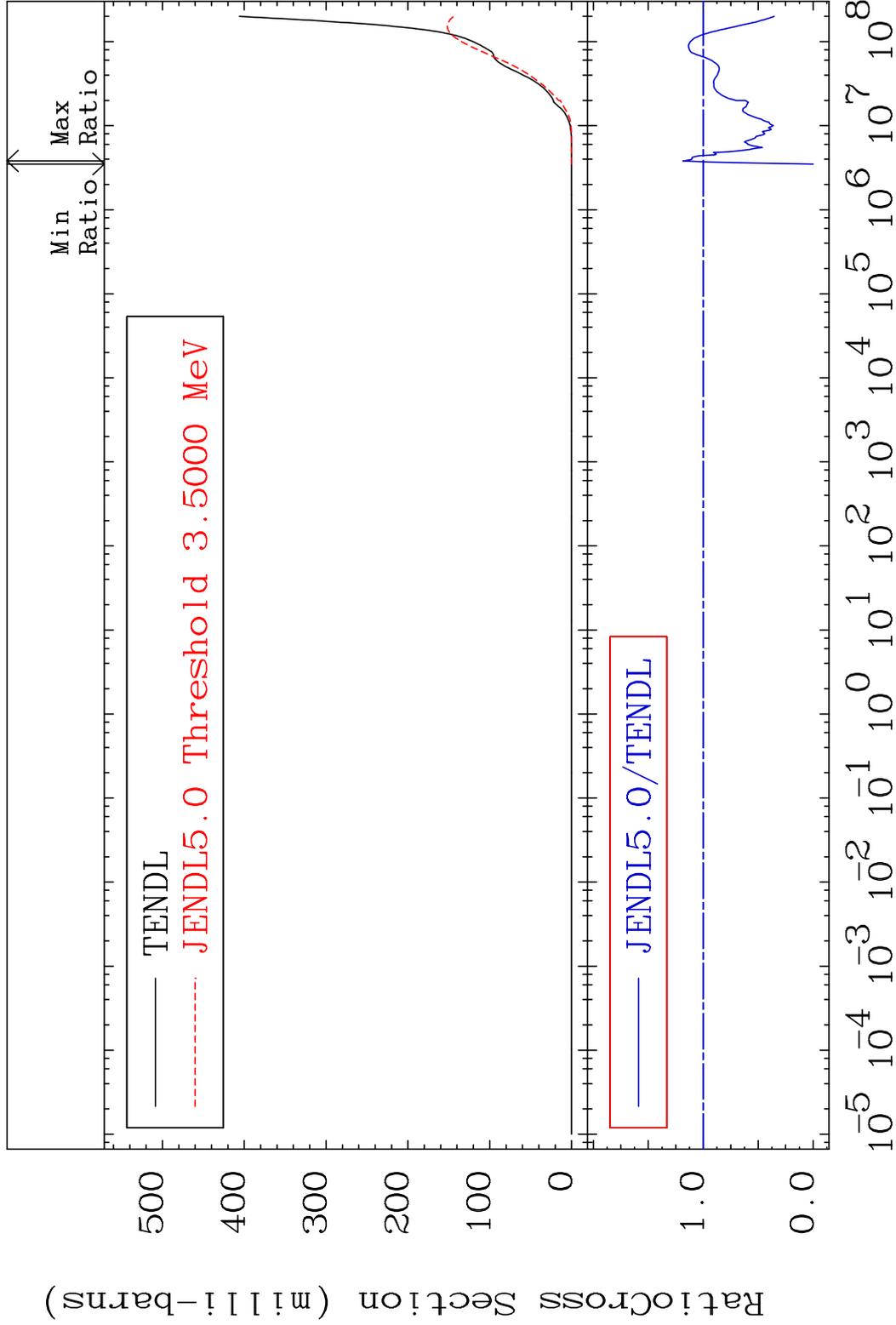
42-Mo-98

MAT 4243

He-4 Production

42-Mo-98

Cross Section -100.0 To 18.55 %

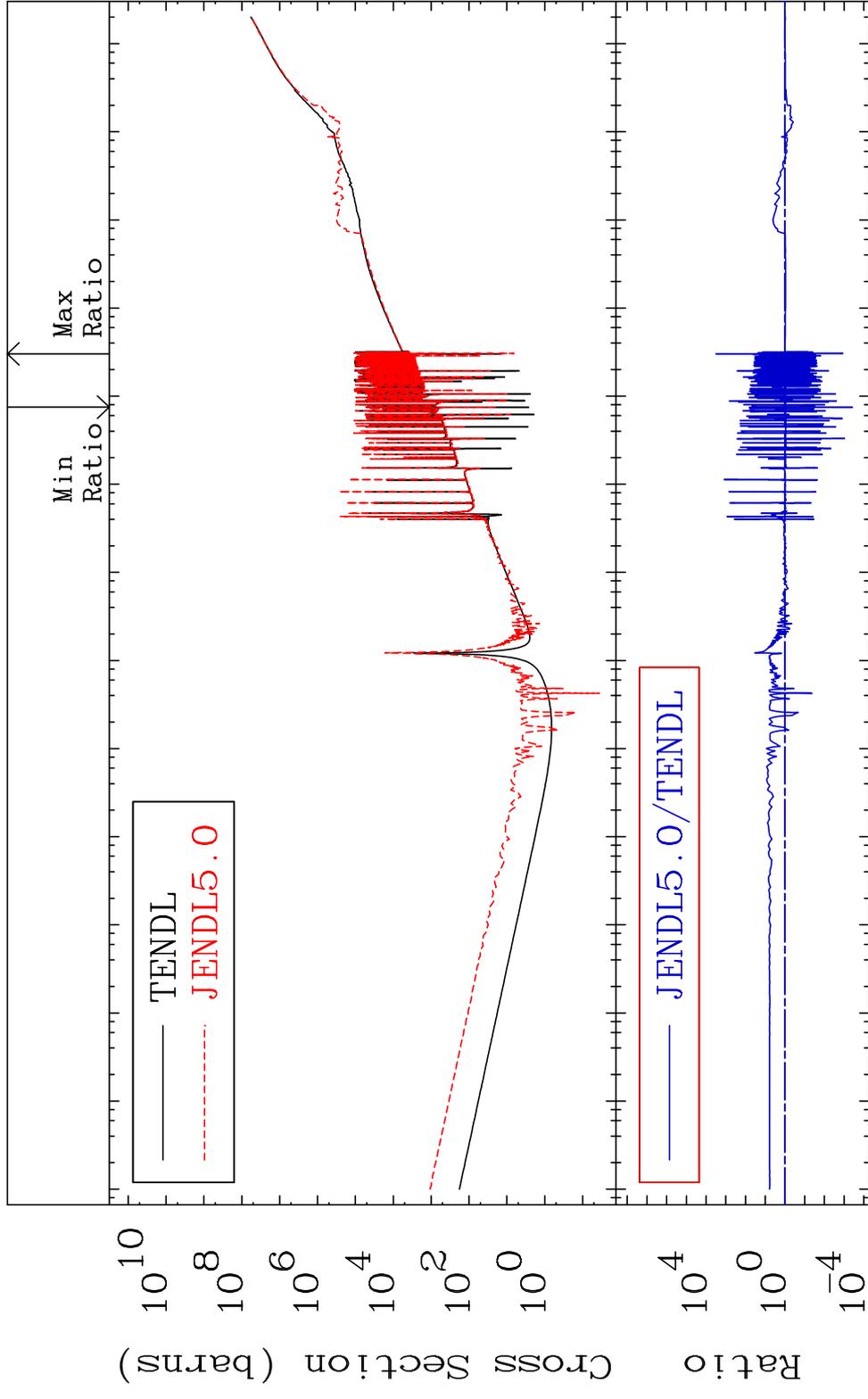


39

Incident Energy (eV)

42-Mo-98

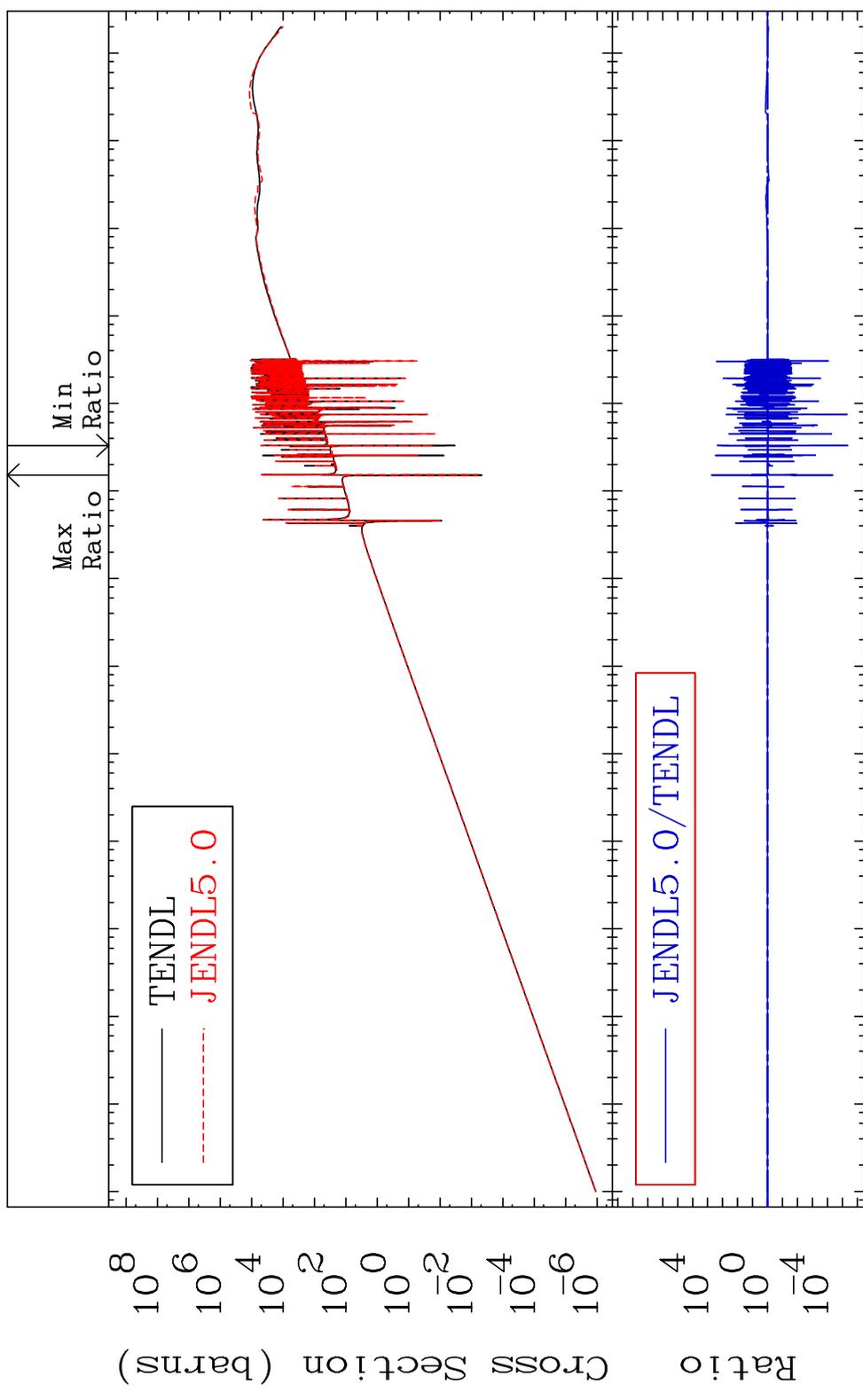
MAT 4243 Kerma total (eV-barns) 42-Mo-98
 Cross Section -99.96 To 9999. %



40 Incident Energy (eV) 42-Mo-98

MAT 4243

Kerma elastic Cross Section -100.0 To 9999. %
42-Mo-98

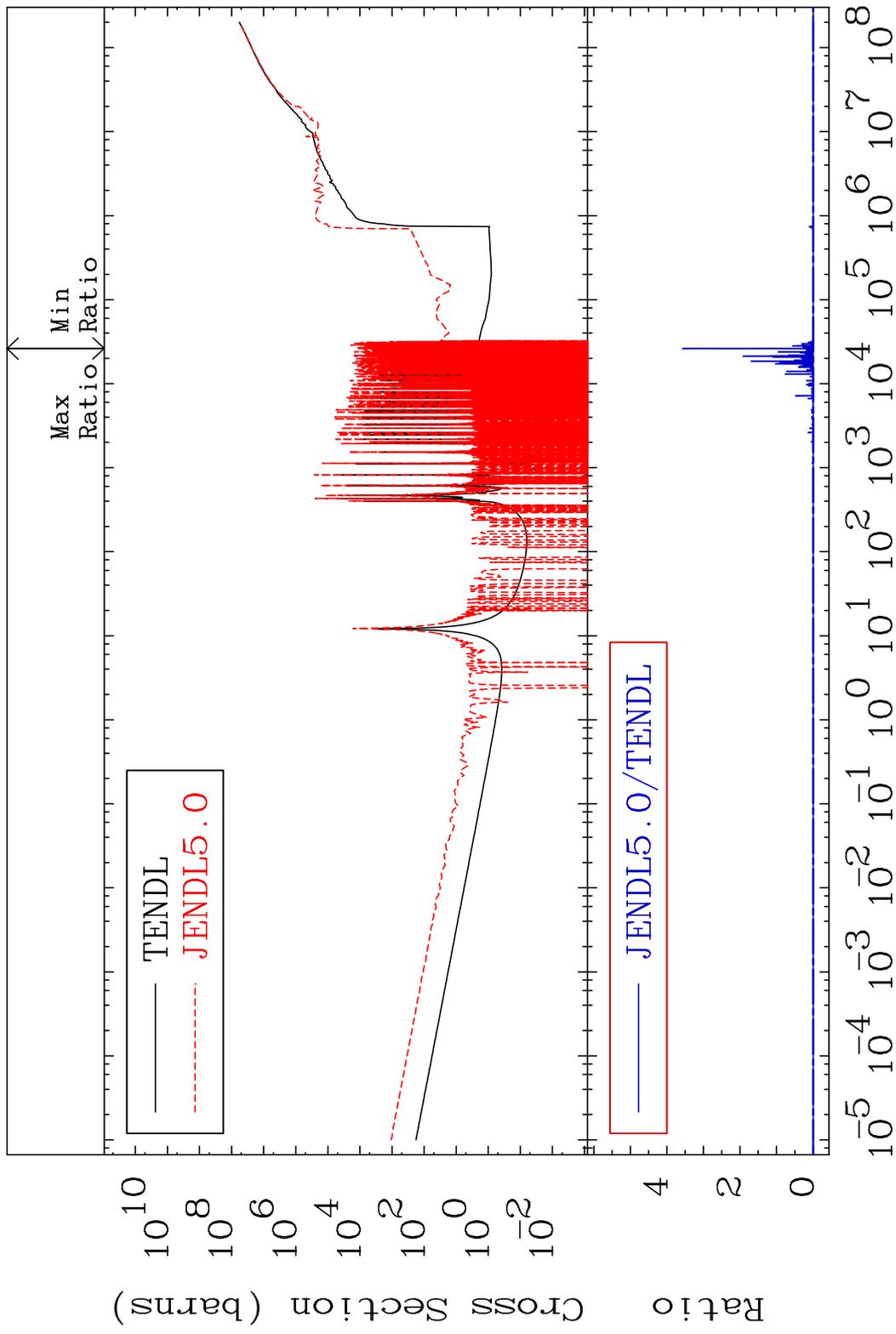


41

Incident Energy (eV)

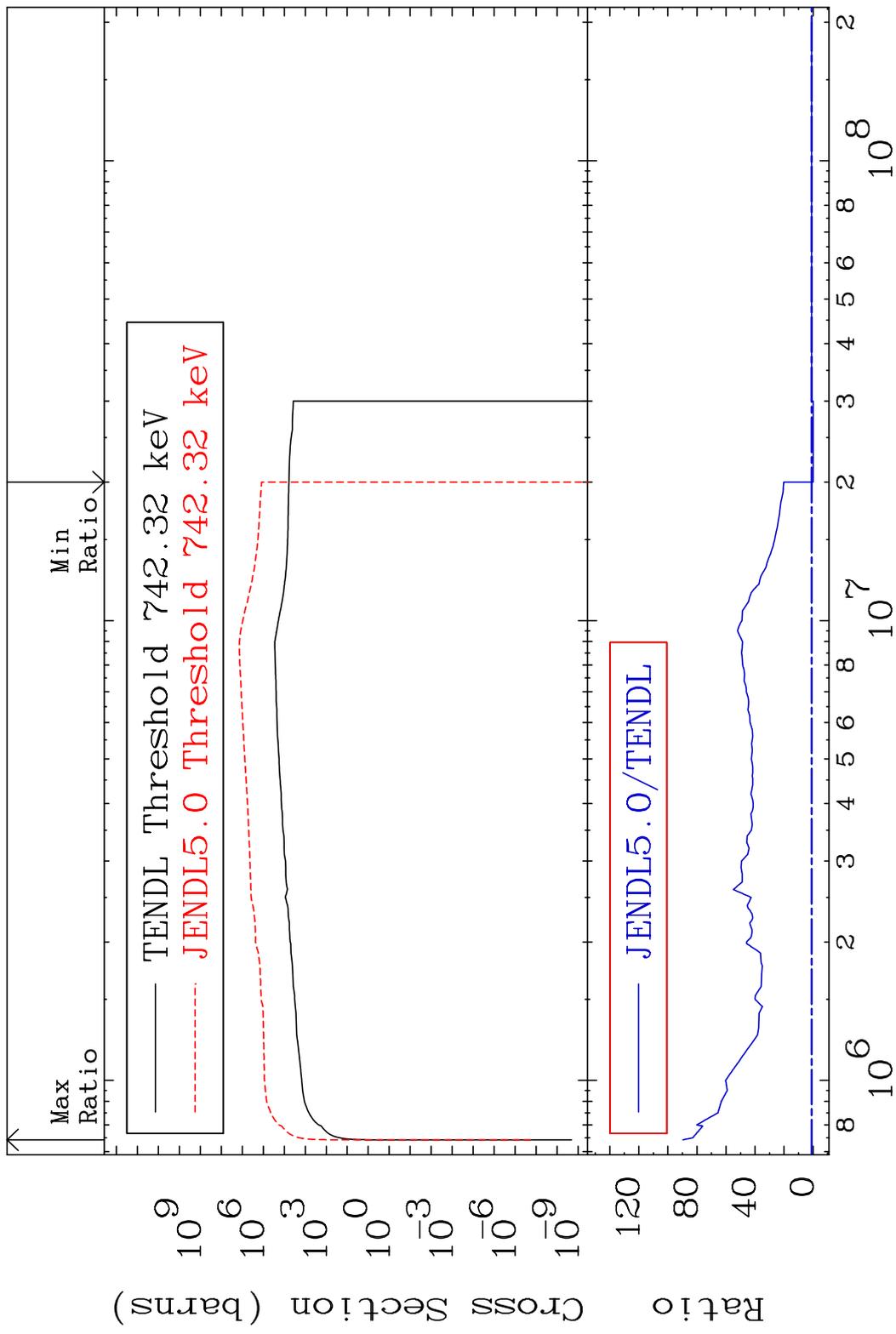
42-Mo-98

MAT 4243 Kerma non-elastic (all but mt2) 42-Mo-98
Cross Section -9999. To 9999. %



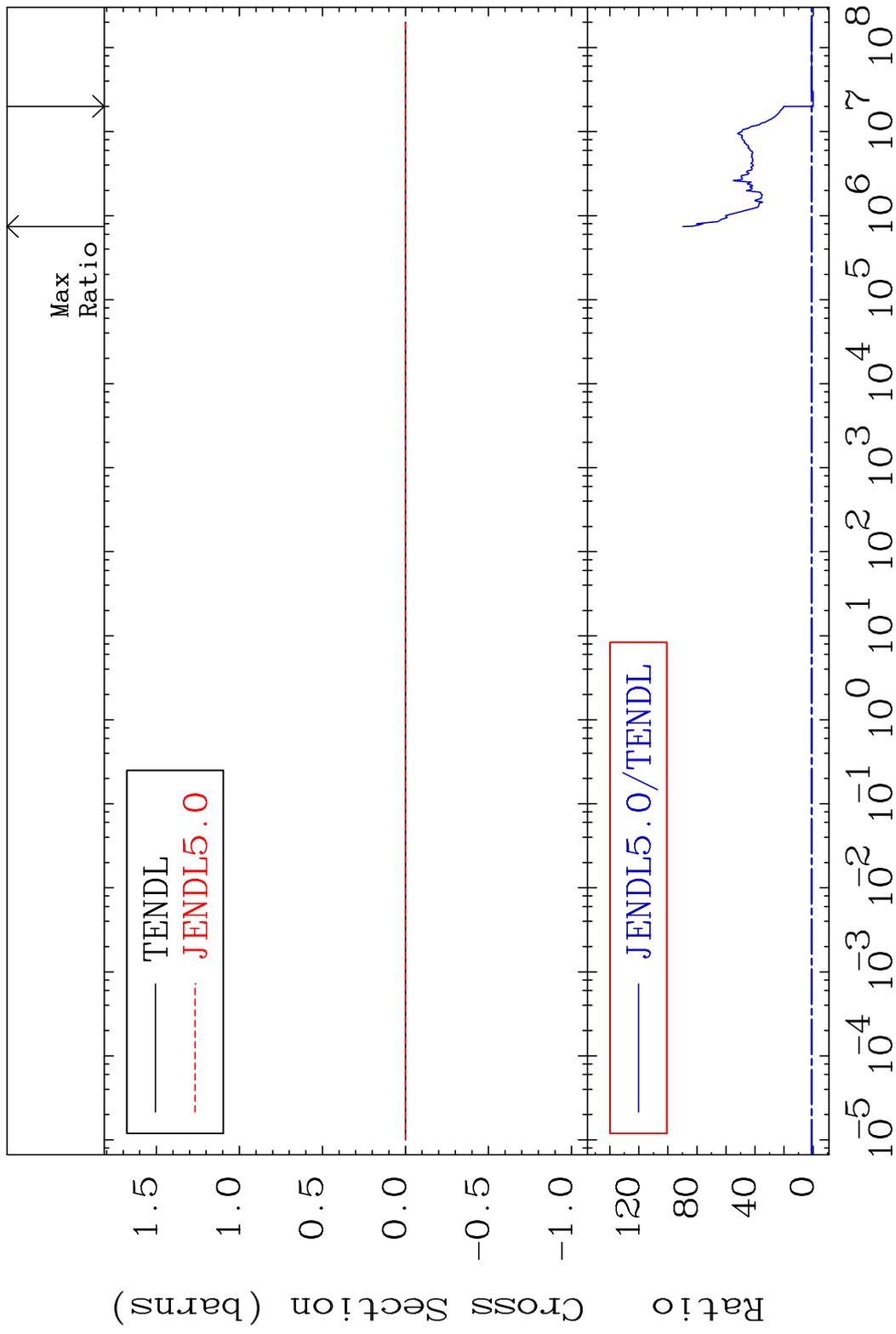
42 Incident Energy (eV) 42-Mo-98

MAT 4243 Kerma inelastic (mt51-91) 42-Mo-98
 Cross Section -100.0 To 8870. %

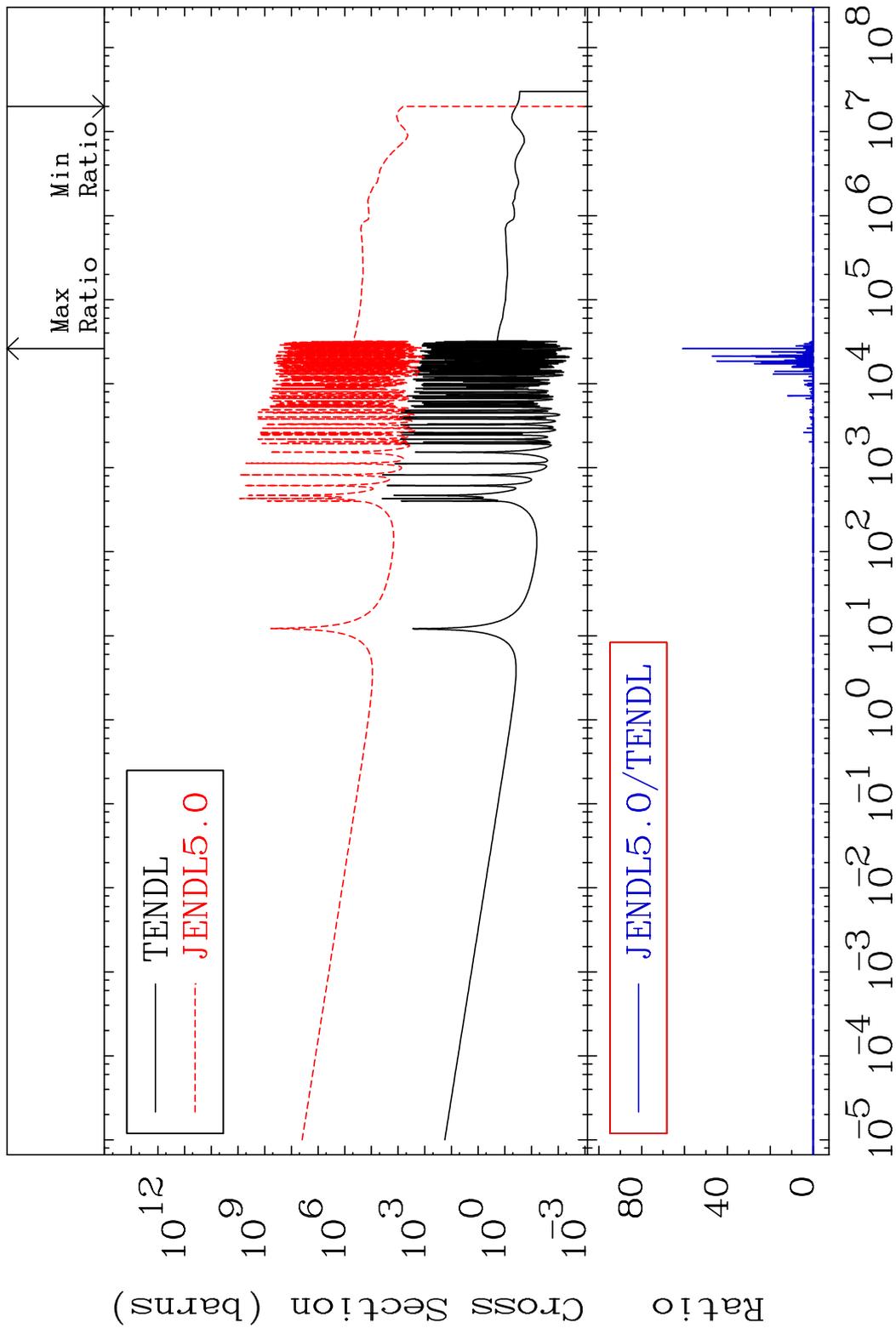


43 Incident Energy (eV) 42-Mo-98

MAT 4243 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-98
 Cross Section -100.0 To 8870. %

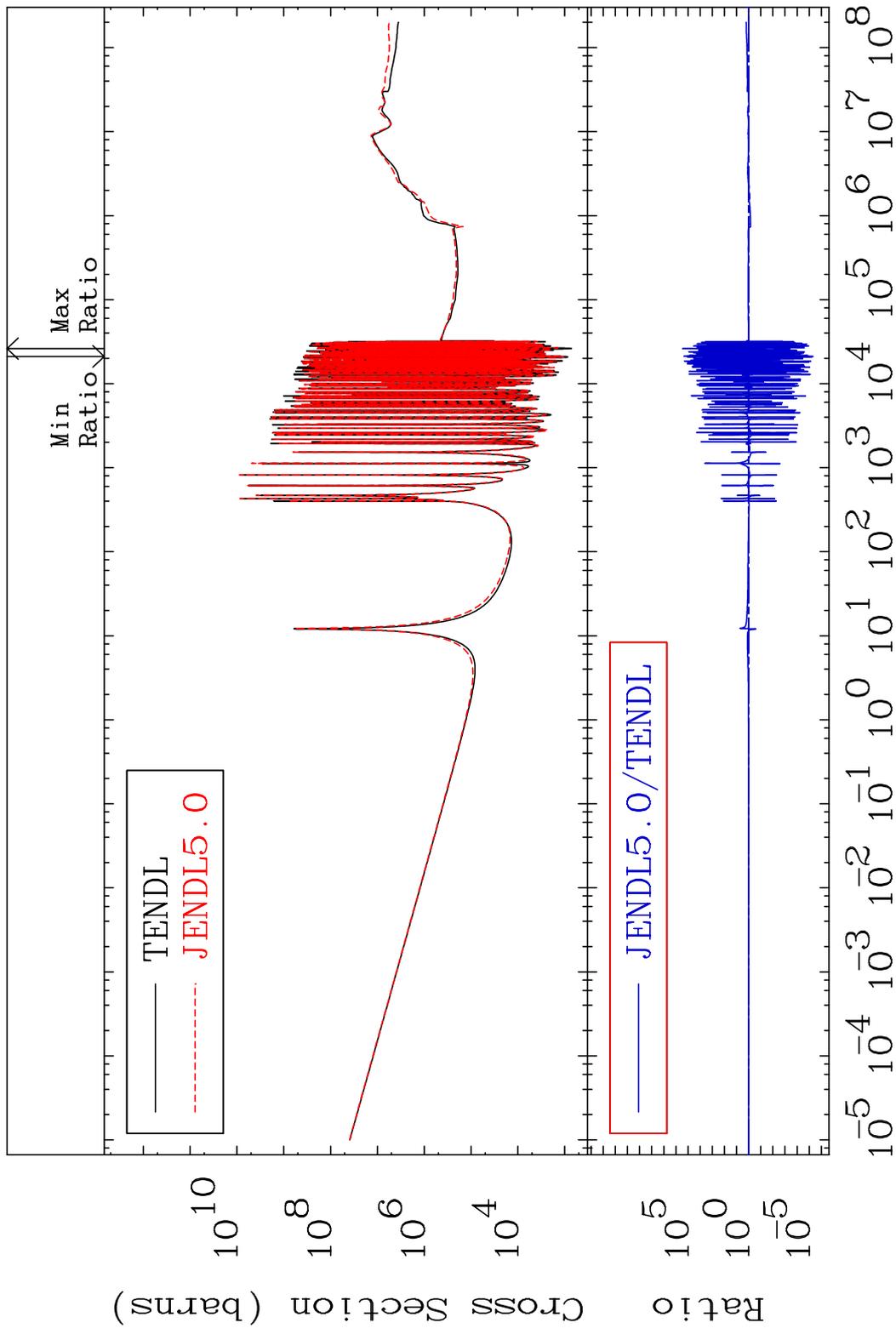


MAT 4243 Kerma capture (mt102) 42-Mo-98
 Cross Section -100.0 To 9999. %



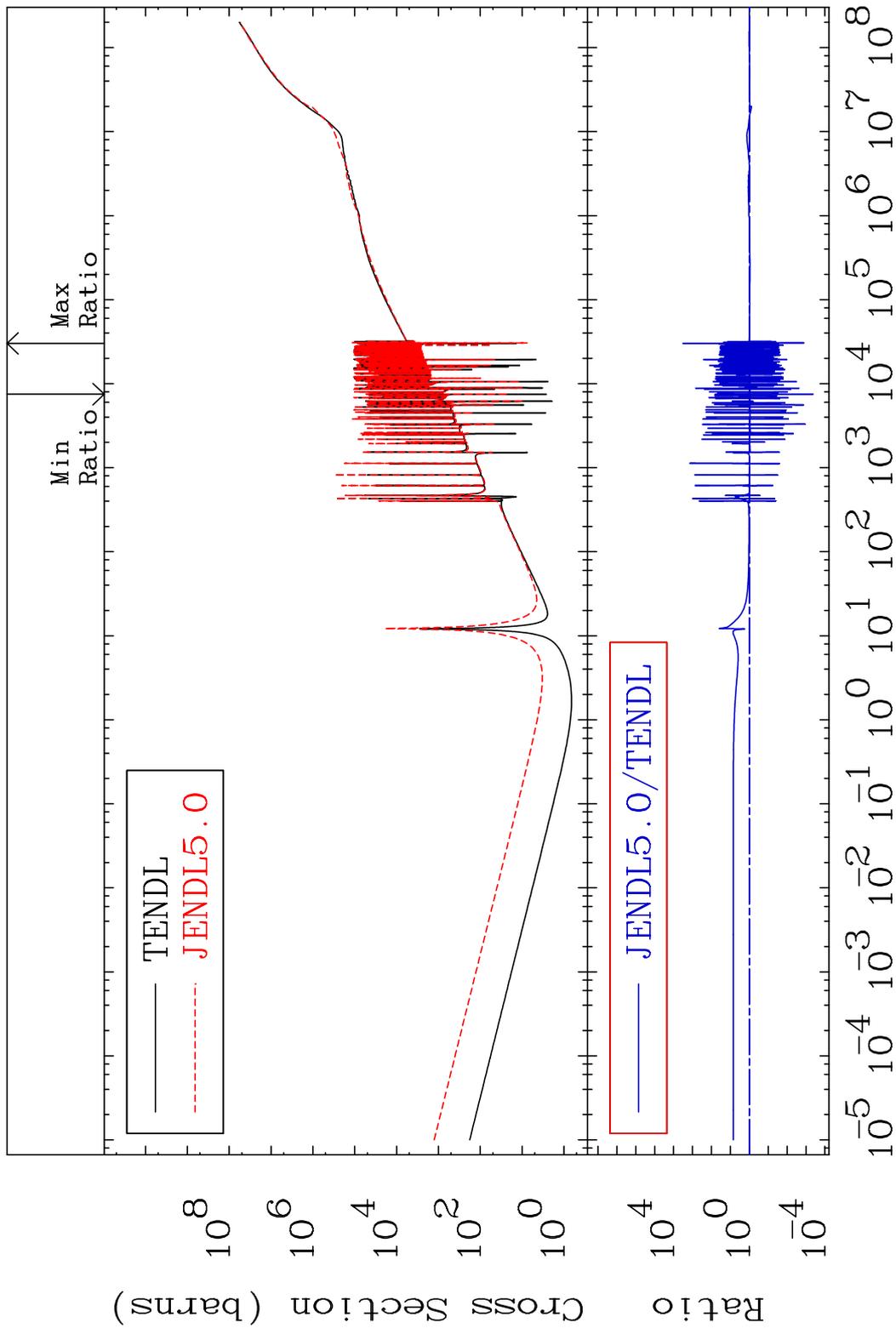
45 Incident Energy (eV) 42-Mo-98

MAT 4243 Total photon (eV-barns) 42-Mo-98
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 42-Mo-98

MAT 4243 Total kinematic kerma (high limit) 42-Mo-98
 Cross Section -99.96 To 9999. %

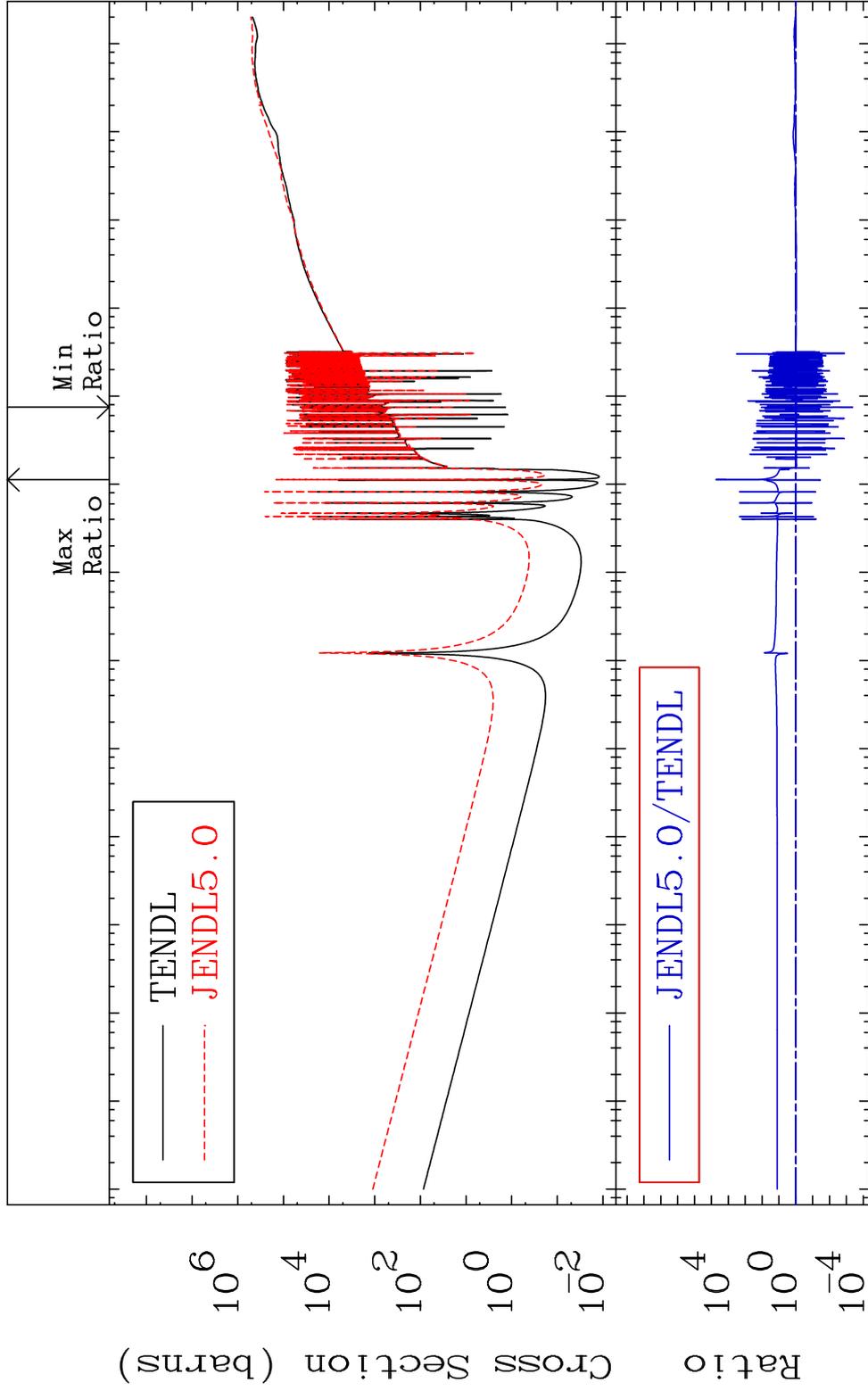


MAT 4243

Dpa total (eV-barns)

42-Mo-98

Cross Section -99.96 To 9999. %

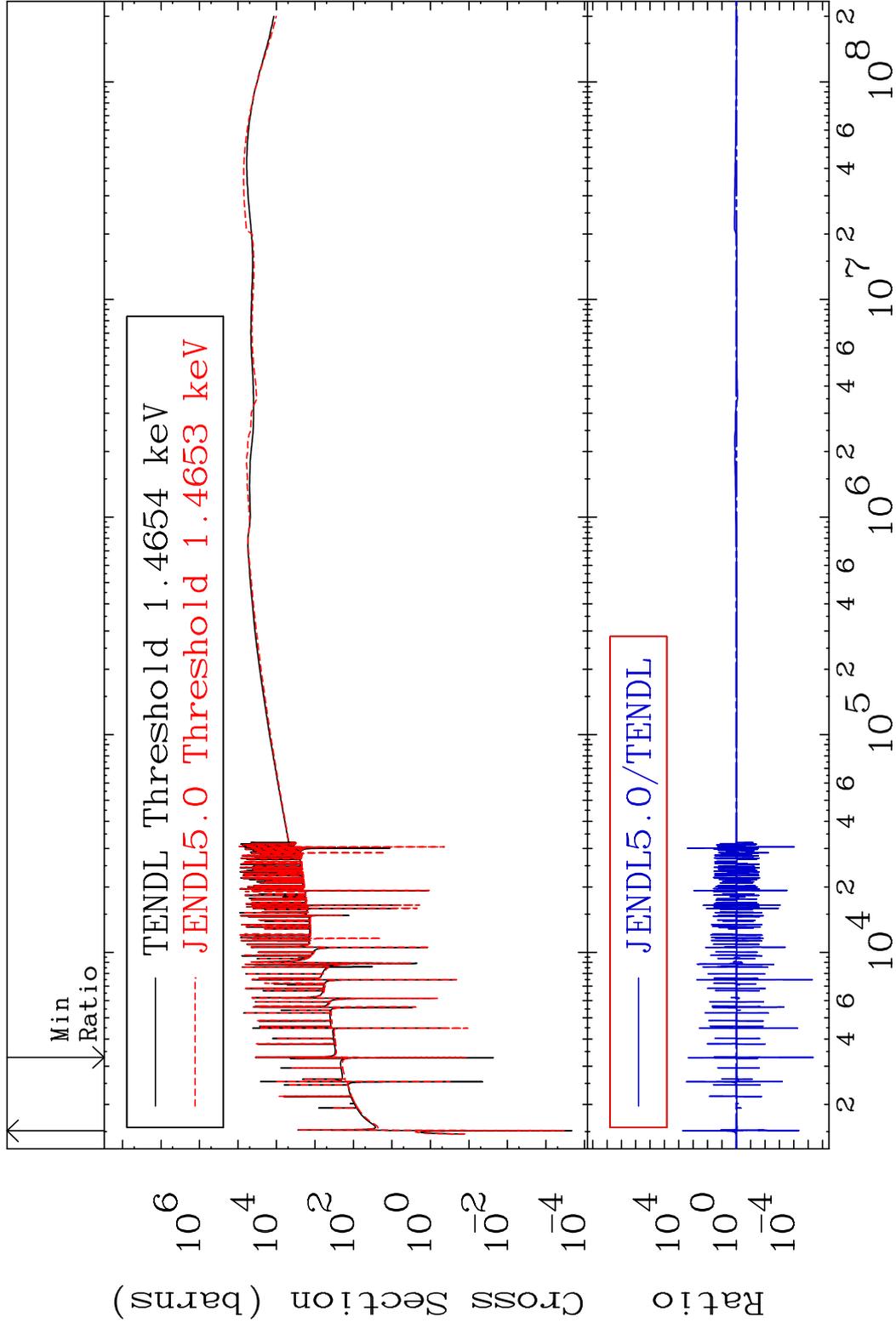


48

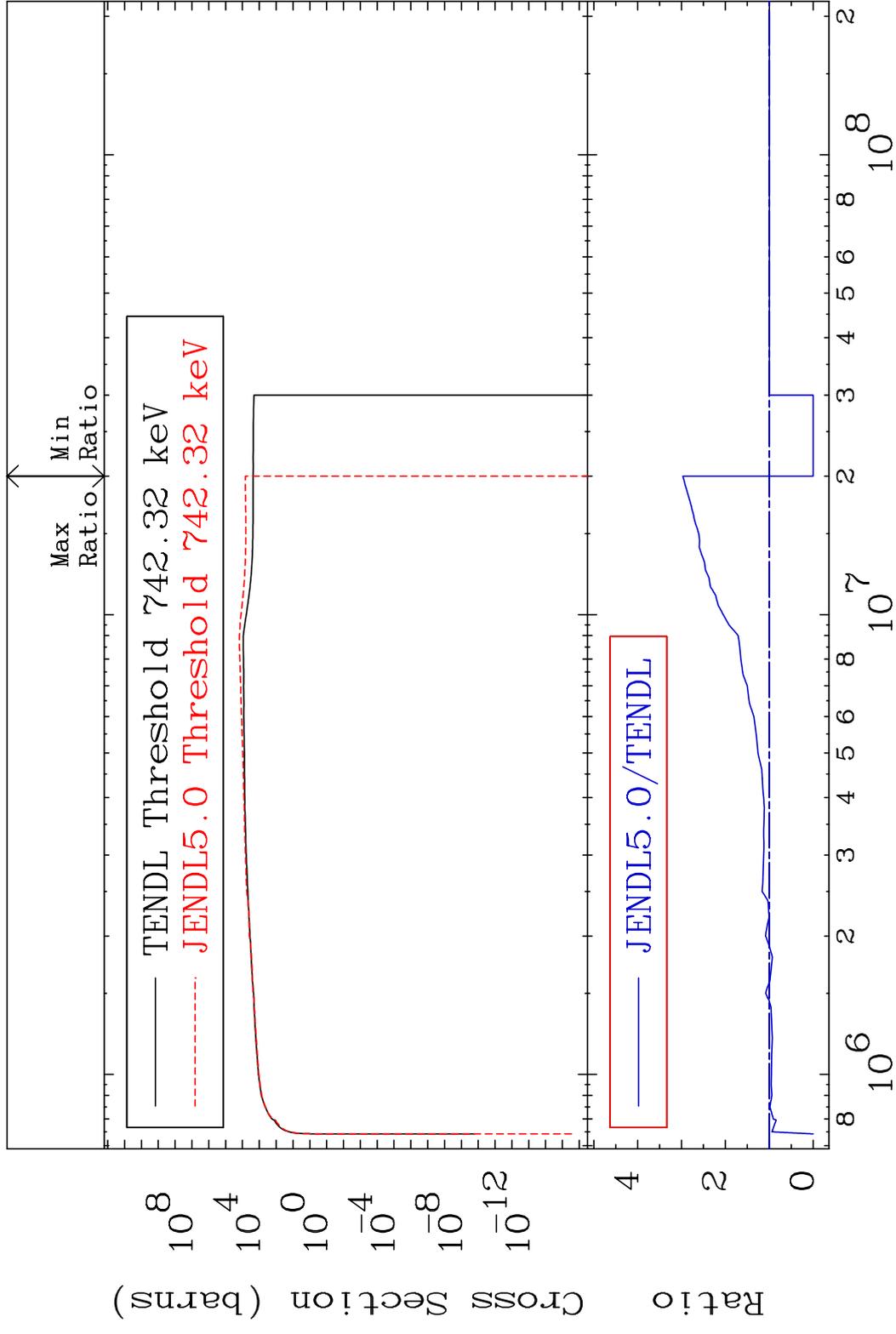
Incident Energy (eV)

42-Mo-98

MAT 4243 Dpa elastic (mt2) 42-Mo-98
 Cross Section -100.0 To 9999. %

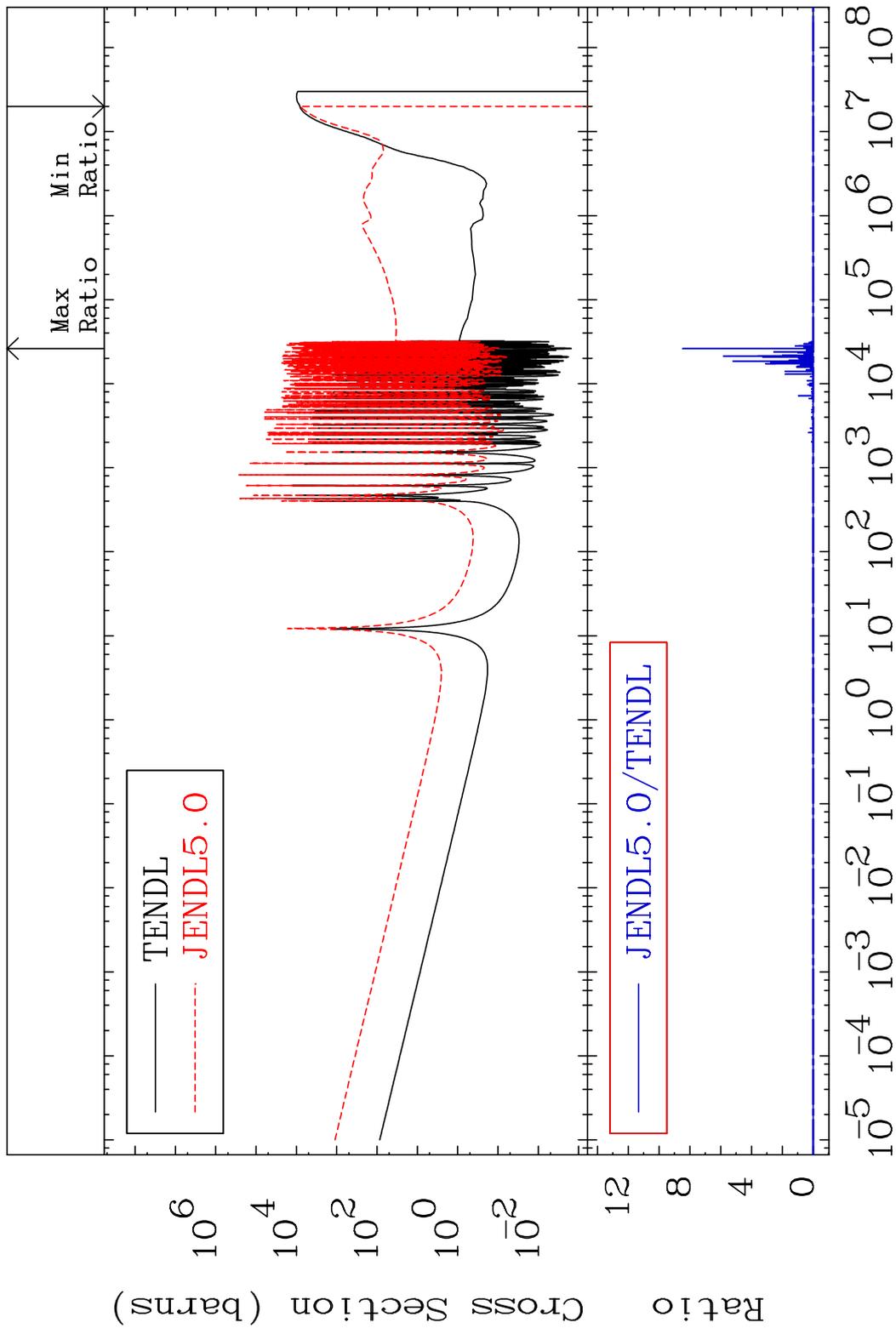


MAT 4243 Dpa inelastic (mt51-91) 42-Mo-98
 Cross Section -100.0 To 197.0 %



50 Incident Energy (eV) 42-Mo-98

MAT 4243 Dpa disappearance (mt102 -120) 42-Mo-98
 Cross Section -100.0 To 9999. %



MAT 4243 (n, n') p:41-Nb-97g 42-Mo-98
 Radionuclide Production Cross Section 180.0 mb 21.63 %

