

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

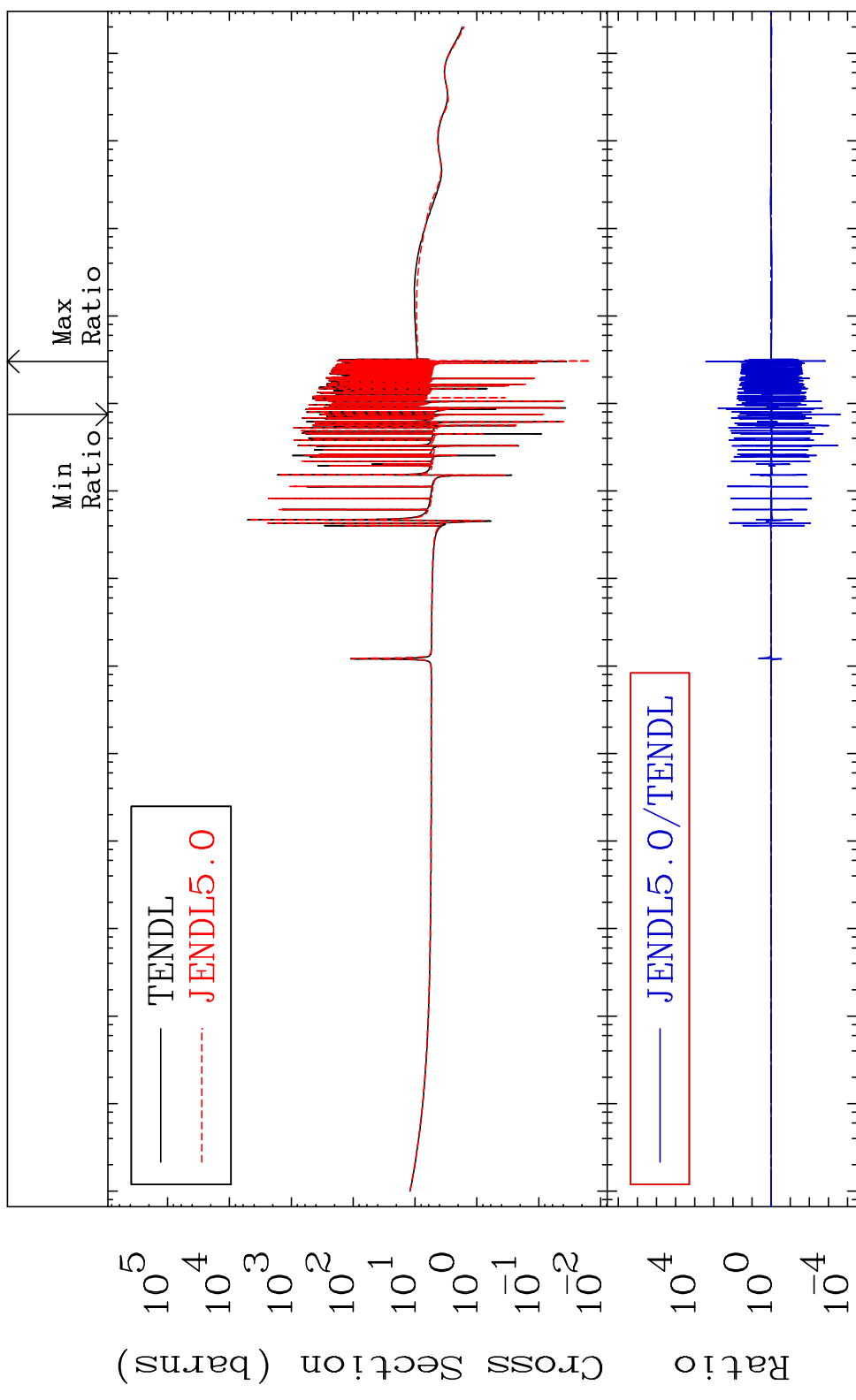
MAT 4243

Total

42-Mo-98

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

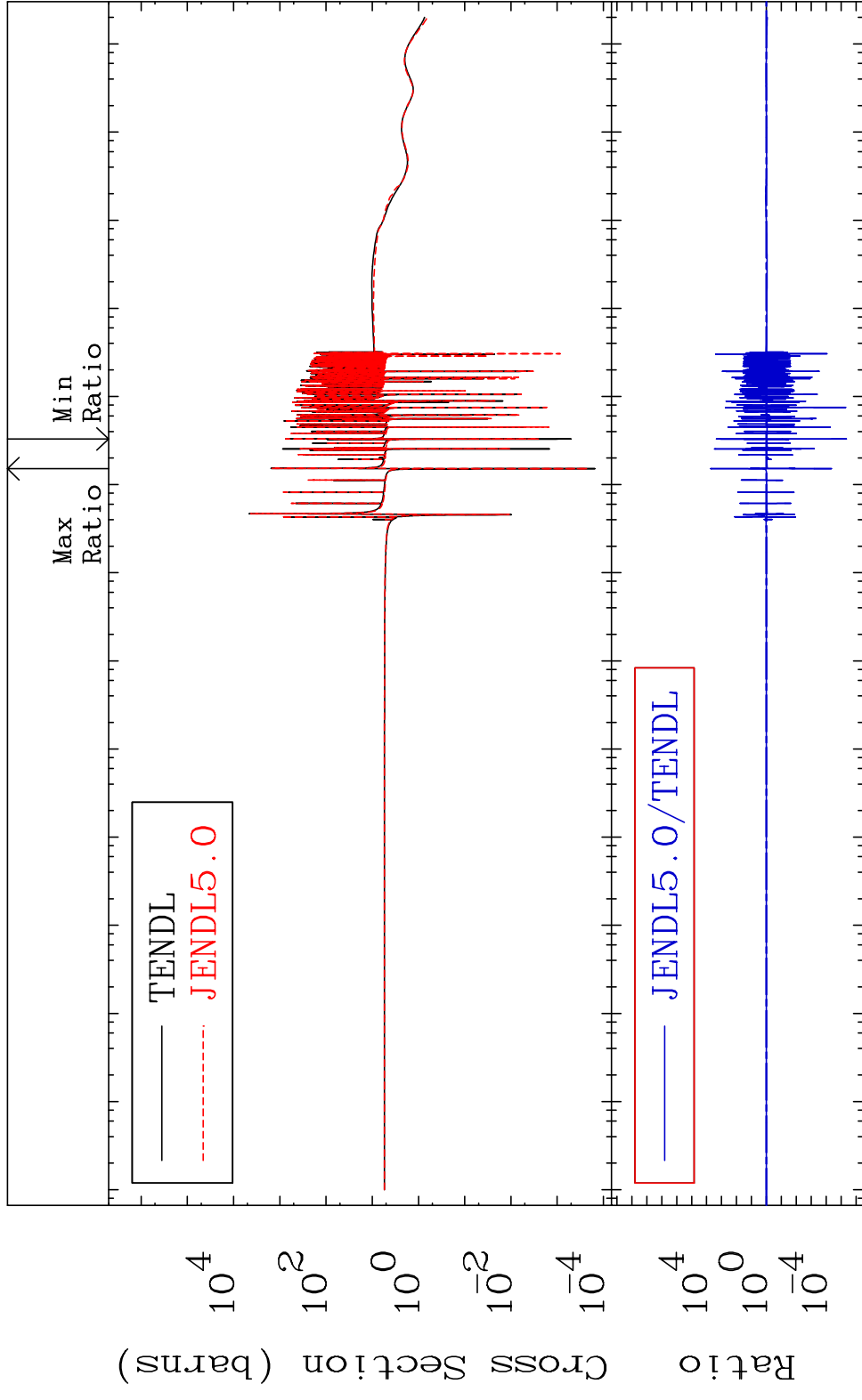
42-Mo-98

MAT 4243

Elastic

42-Mo-98

Cross Section -100.0 To 9999. %

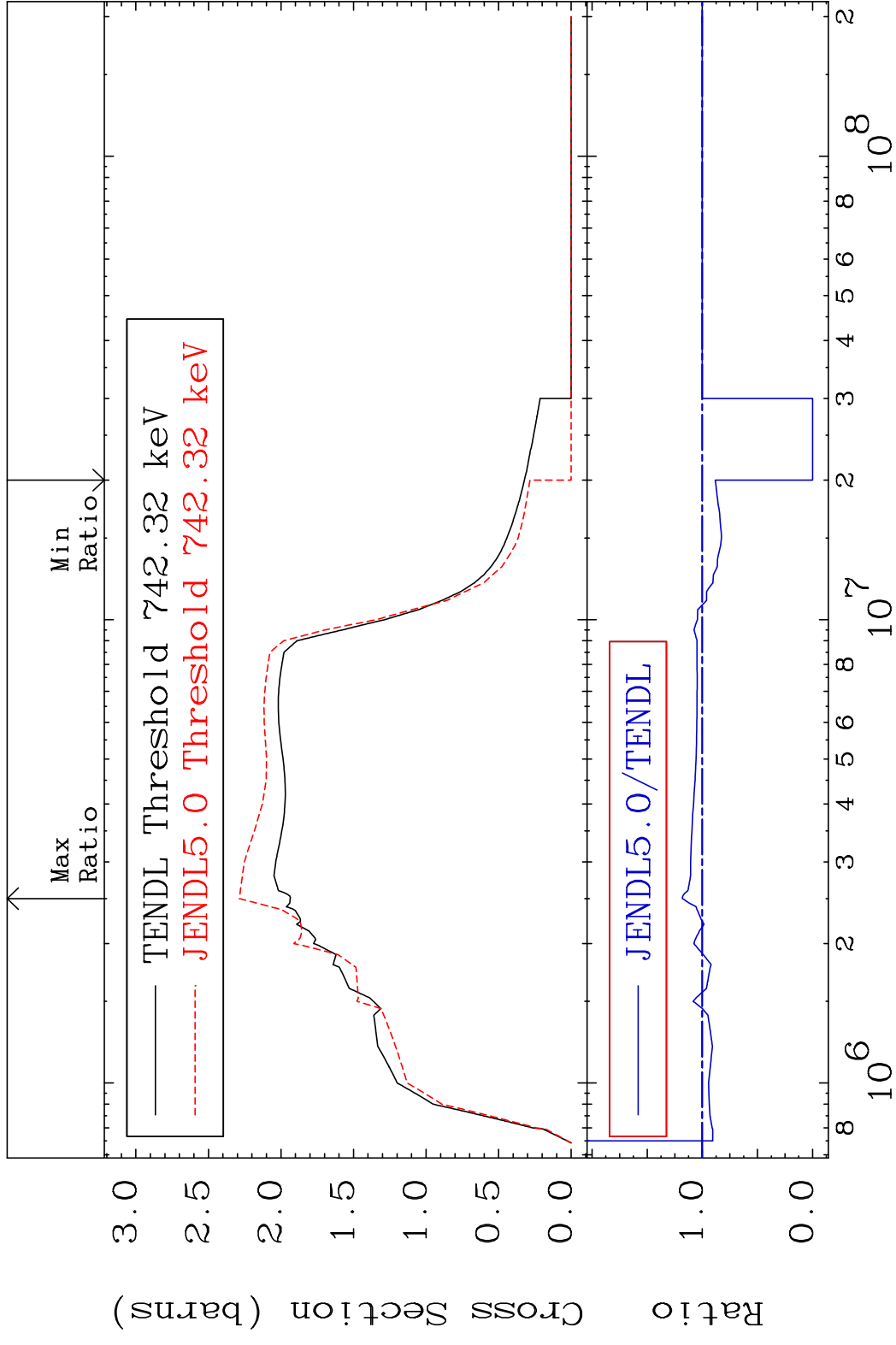


2

Incident Energy (eV)

42-Mo-98

MAT 4243 Inelastic Cross Section -100.0 To 18.12 % 42-Mo-98



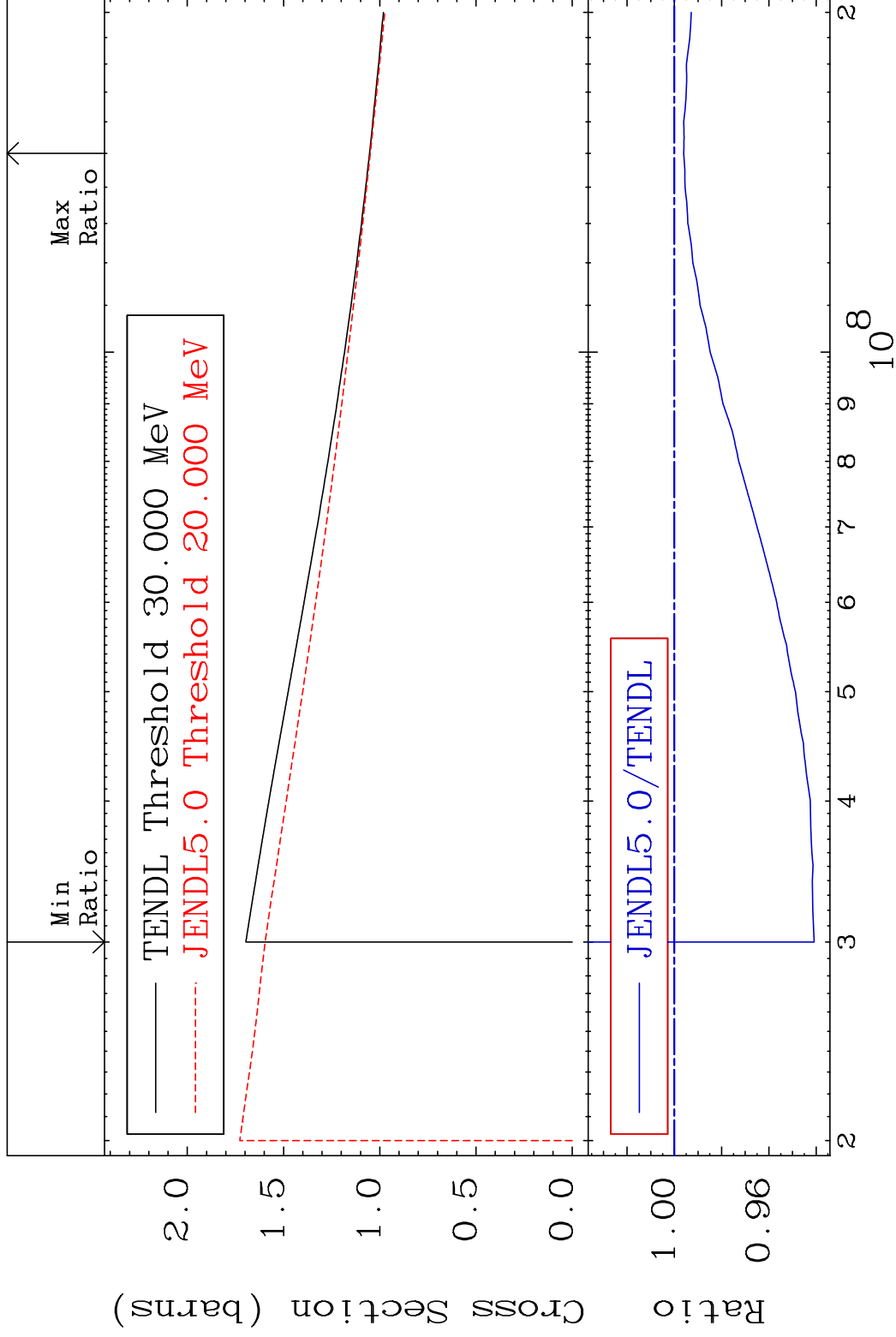
3 Incident Energy (eV) 42-Mo-98

MAT 4243

(n, remainder)

42-Mo-98

Cross Section -5.914 To -0.393%



4

Incident Energy (eV)

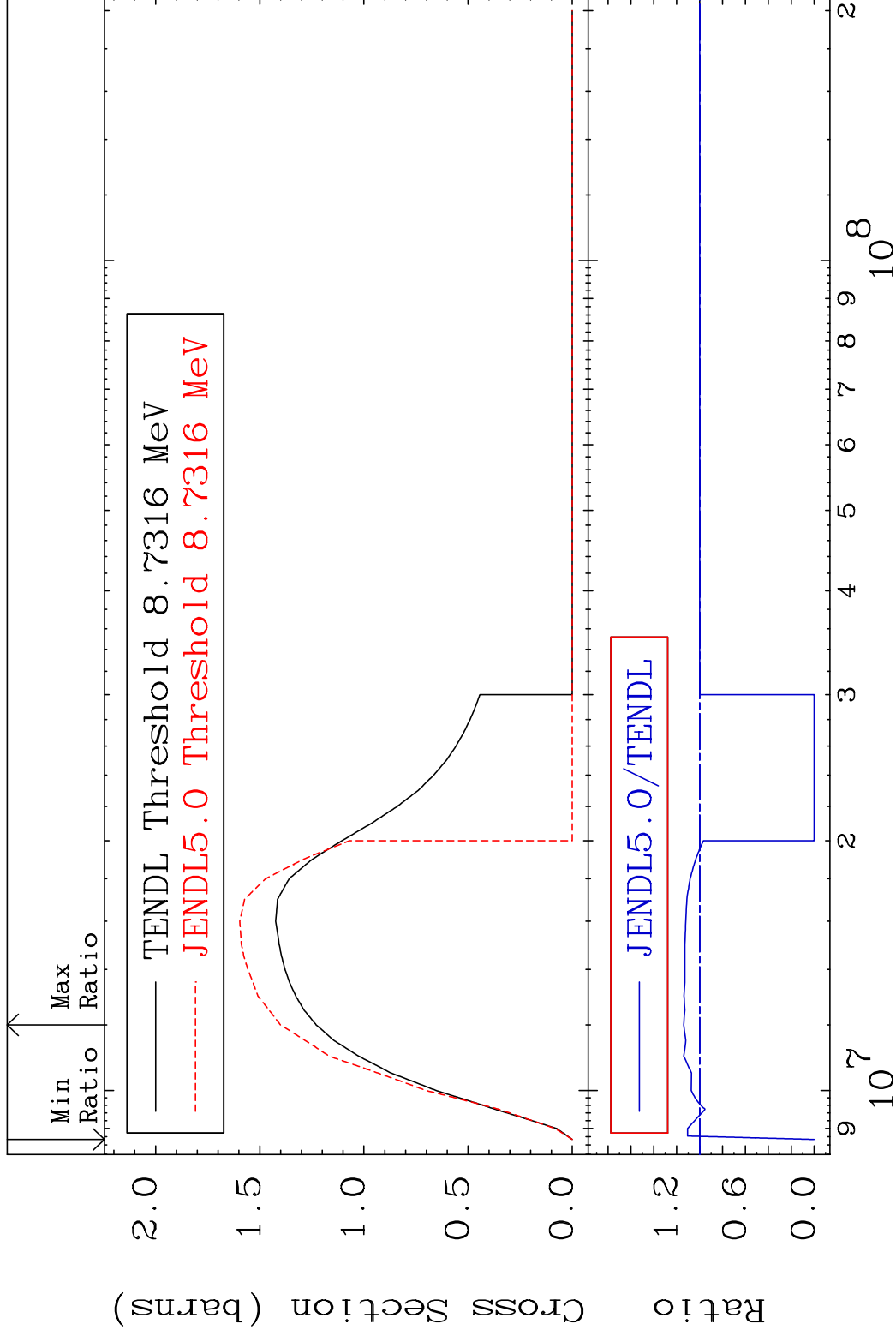
42-Mo-98

MAT 4243

(n,2n)

42-Mo-98

Cross Section -100.0 To 13.94 %

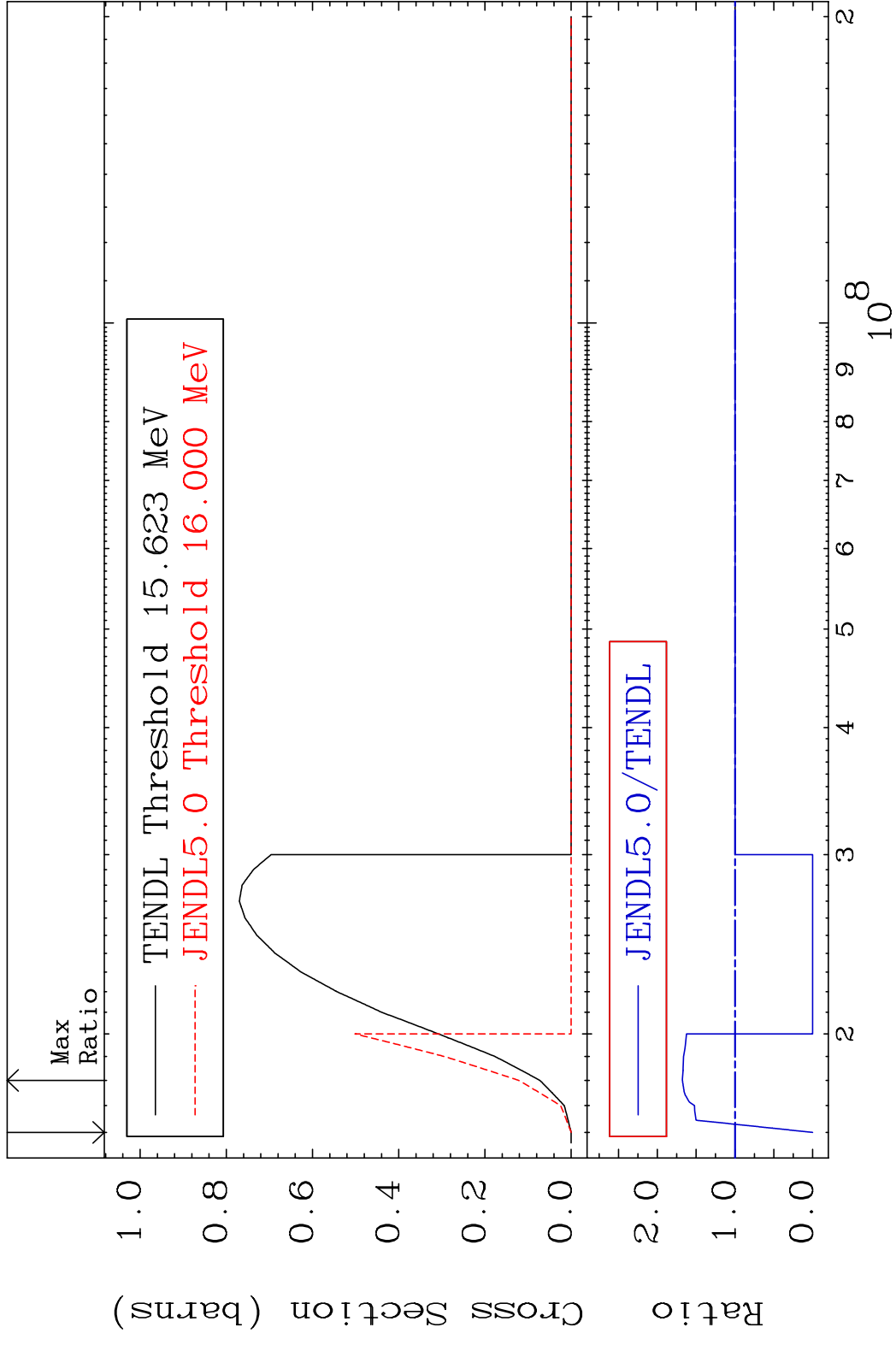


5

Incident Energy (eV)

42-Mo-98

MAT 4243 (n,3n) 42-Mo-98  
 Cross Section -100.0 To 67.79 %

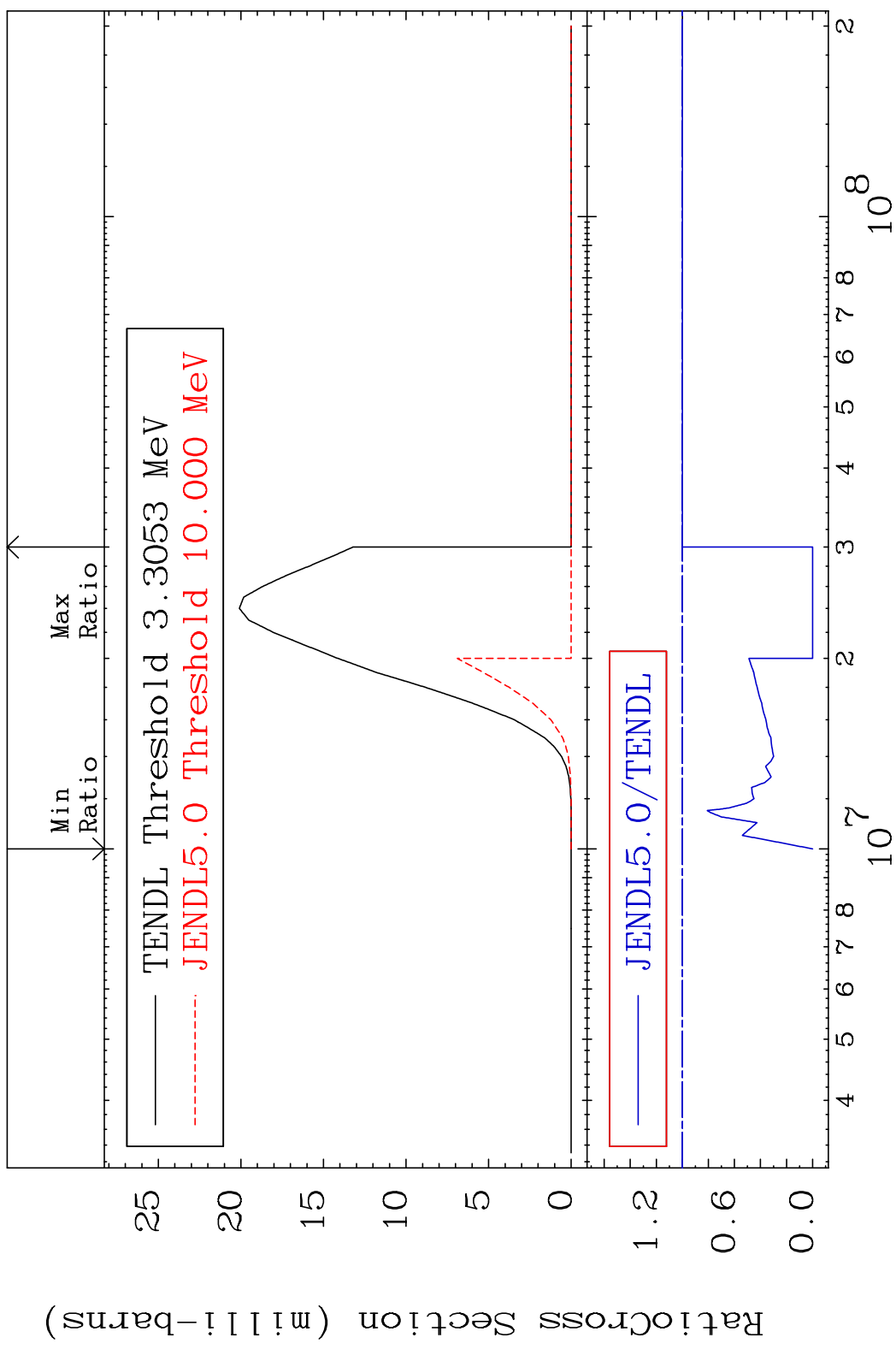


MAT 4243

(n, n')  $\alpha$

42-Mo-98

Cross Section -100.0 To 0.000 %



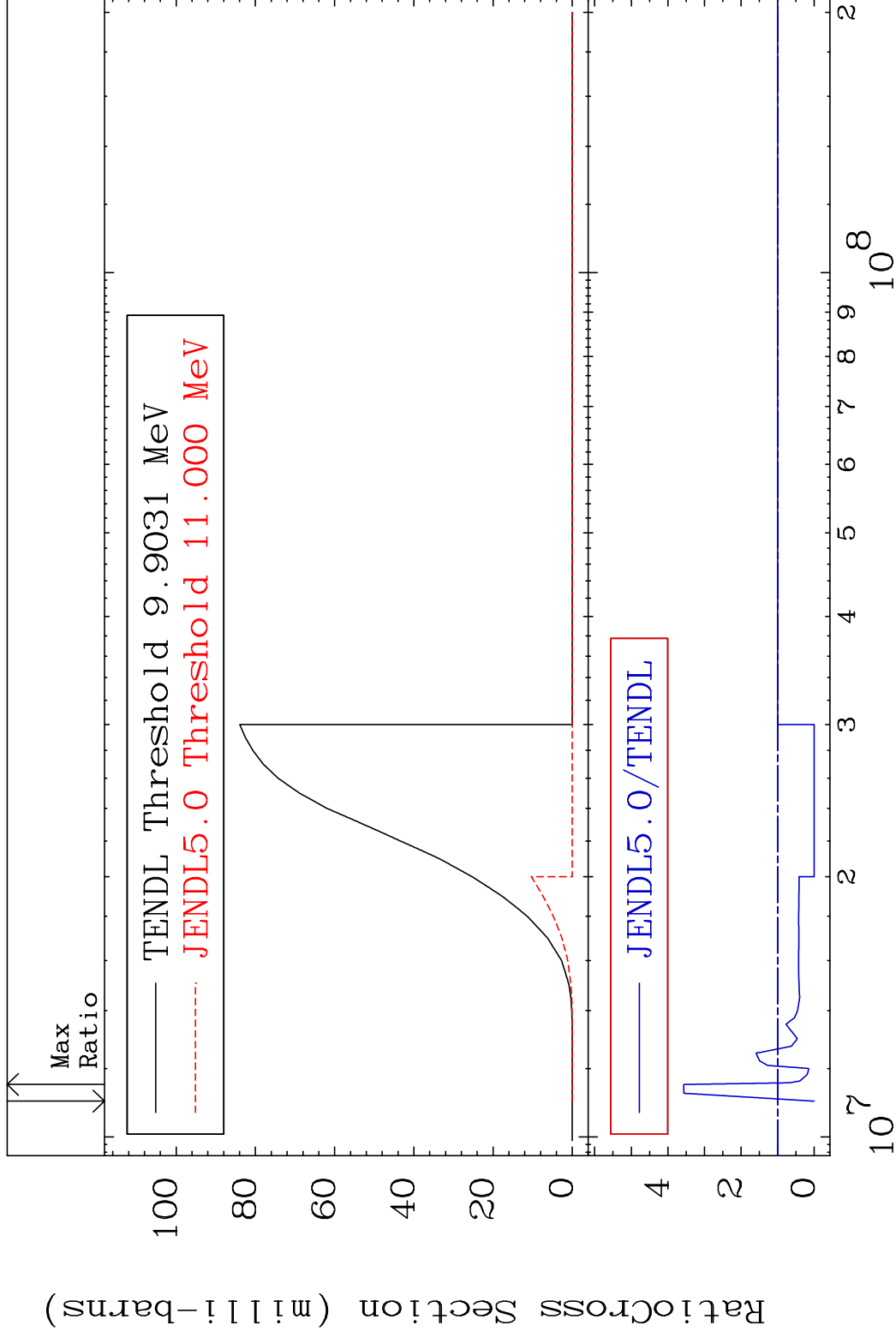


MAT 4243

(n, n') p

42-Mo-98

Cross Section -100.0 To 256.7 %

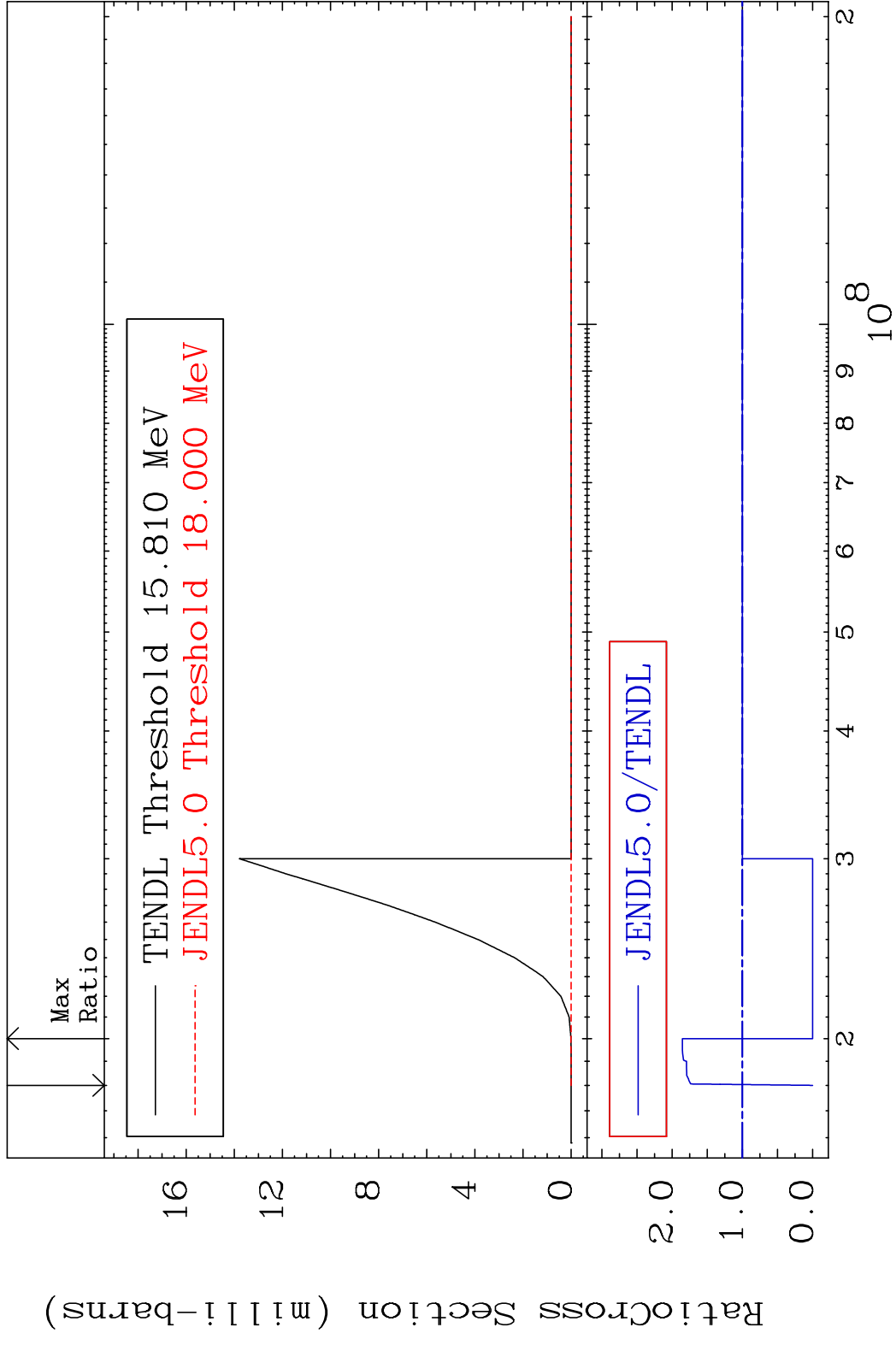


8

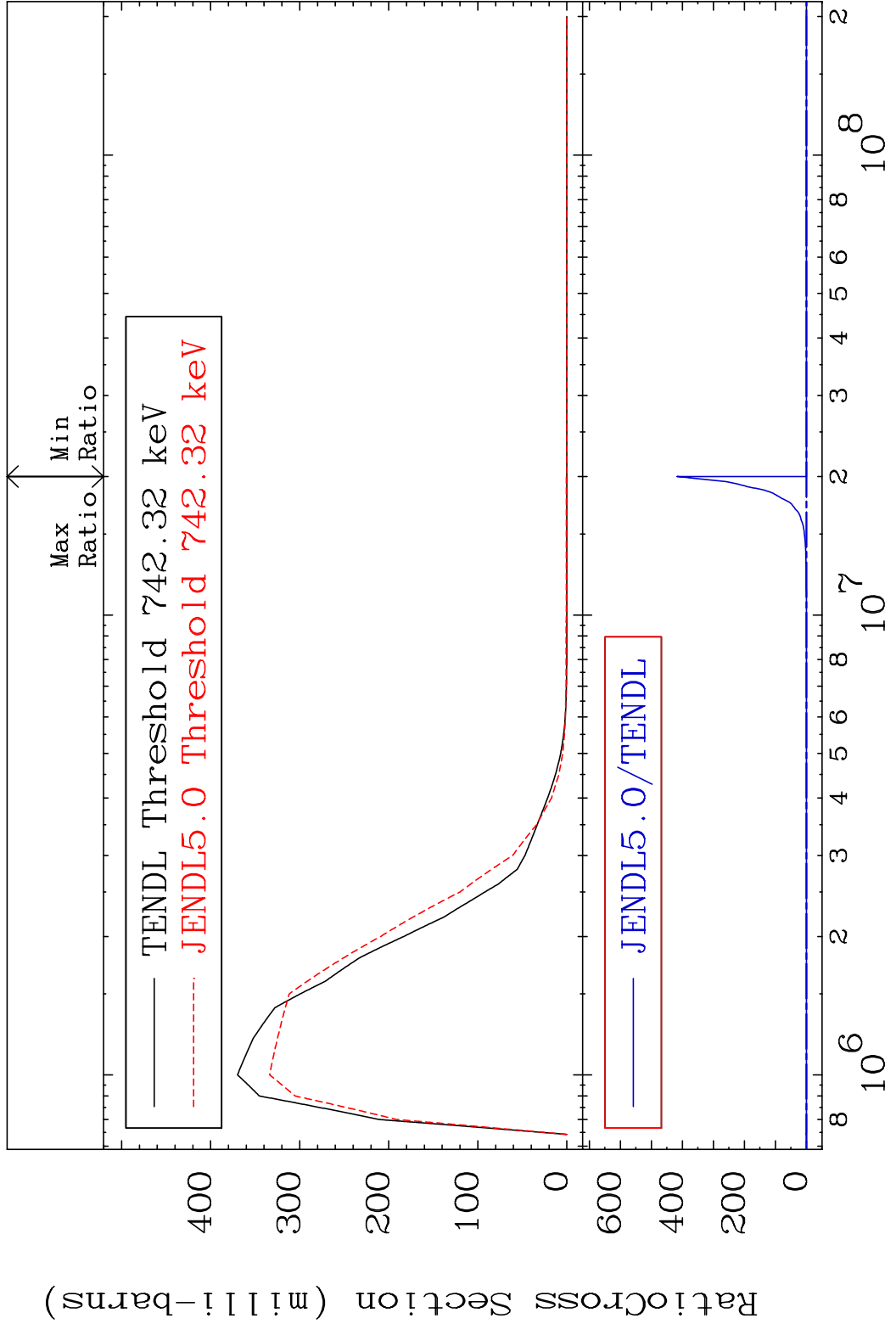
Incident Energy (eV)

42-Mo-98

MAT 4243 (n, n') d 42-Mo-98  
 Cross Section -100.0 To 85.45 %

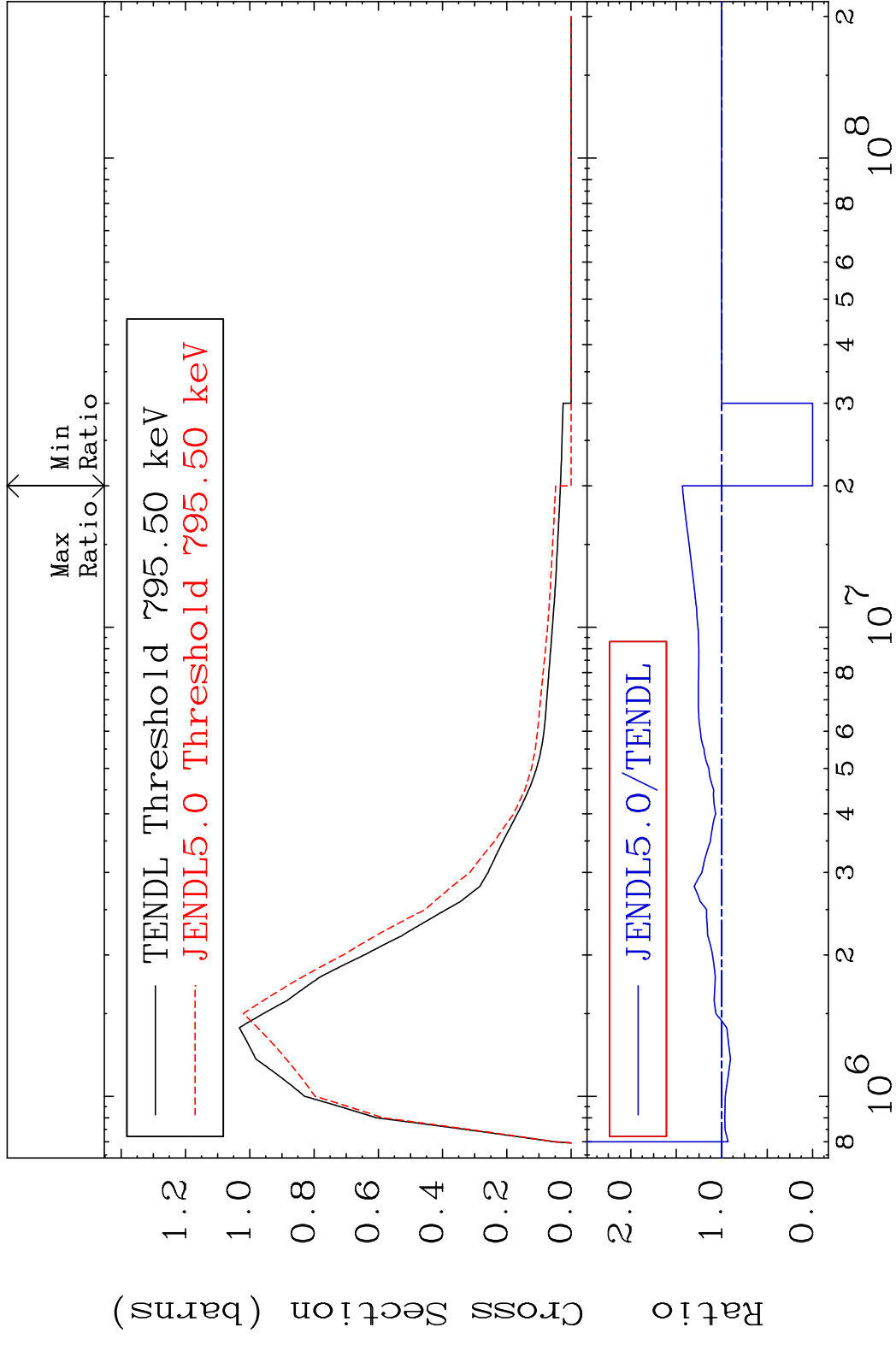


MAT 4243 MT= 51 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 9999. %

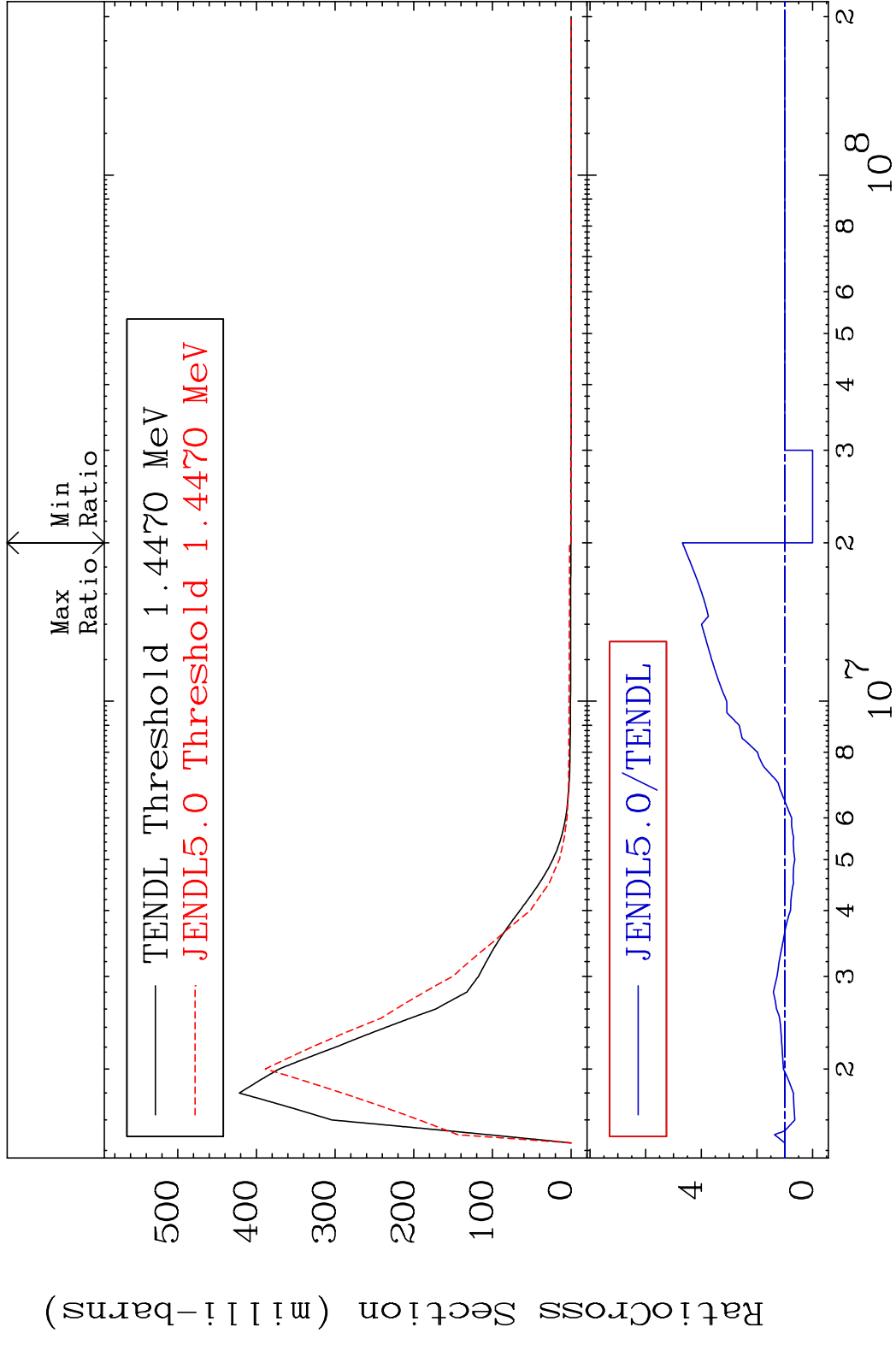


10 8 6 4 2 0 2 4 6 8 10 8 42-Mo-98

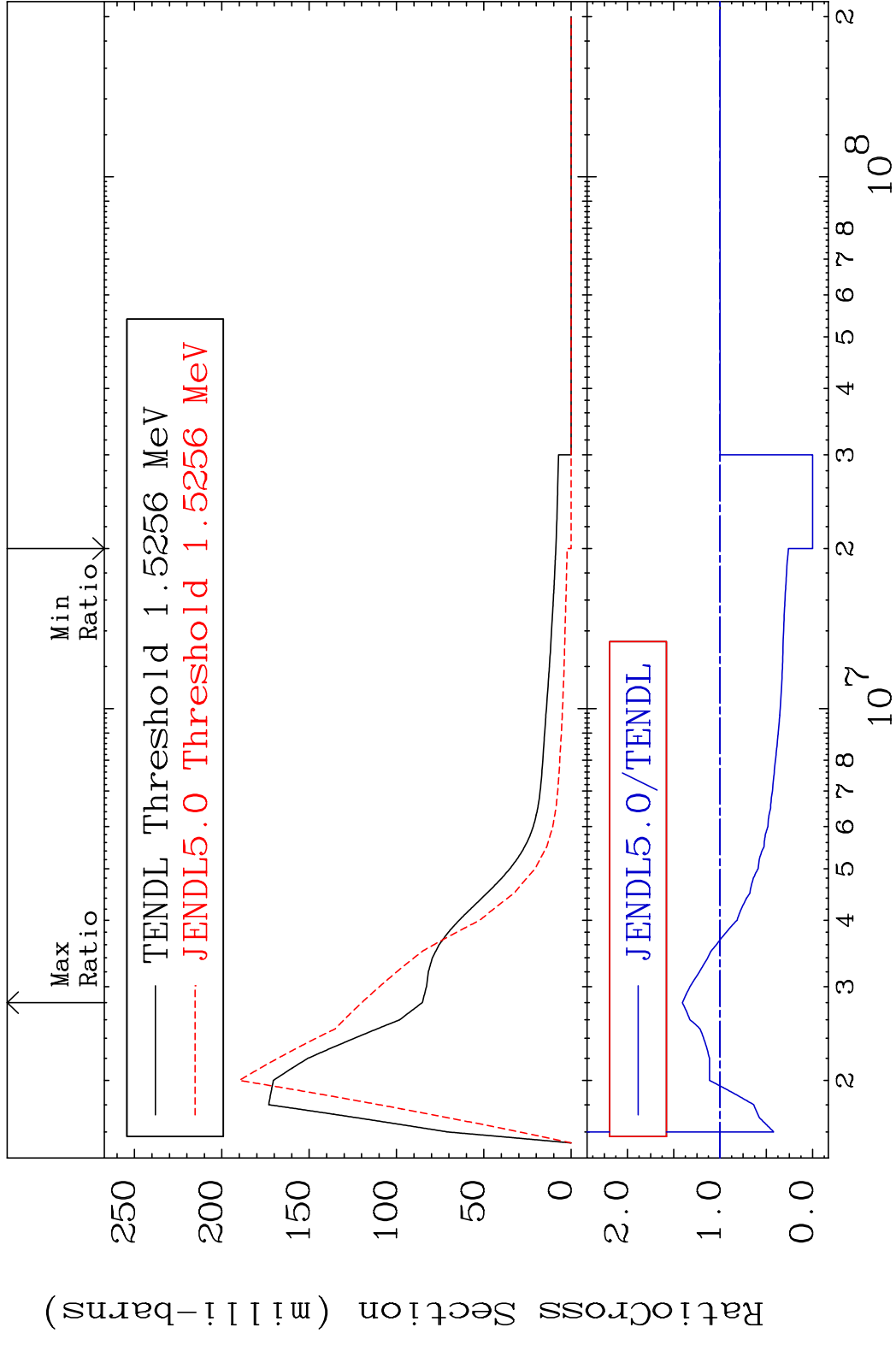
MAT 4243 MT= 52 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 43.34 %



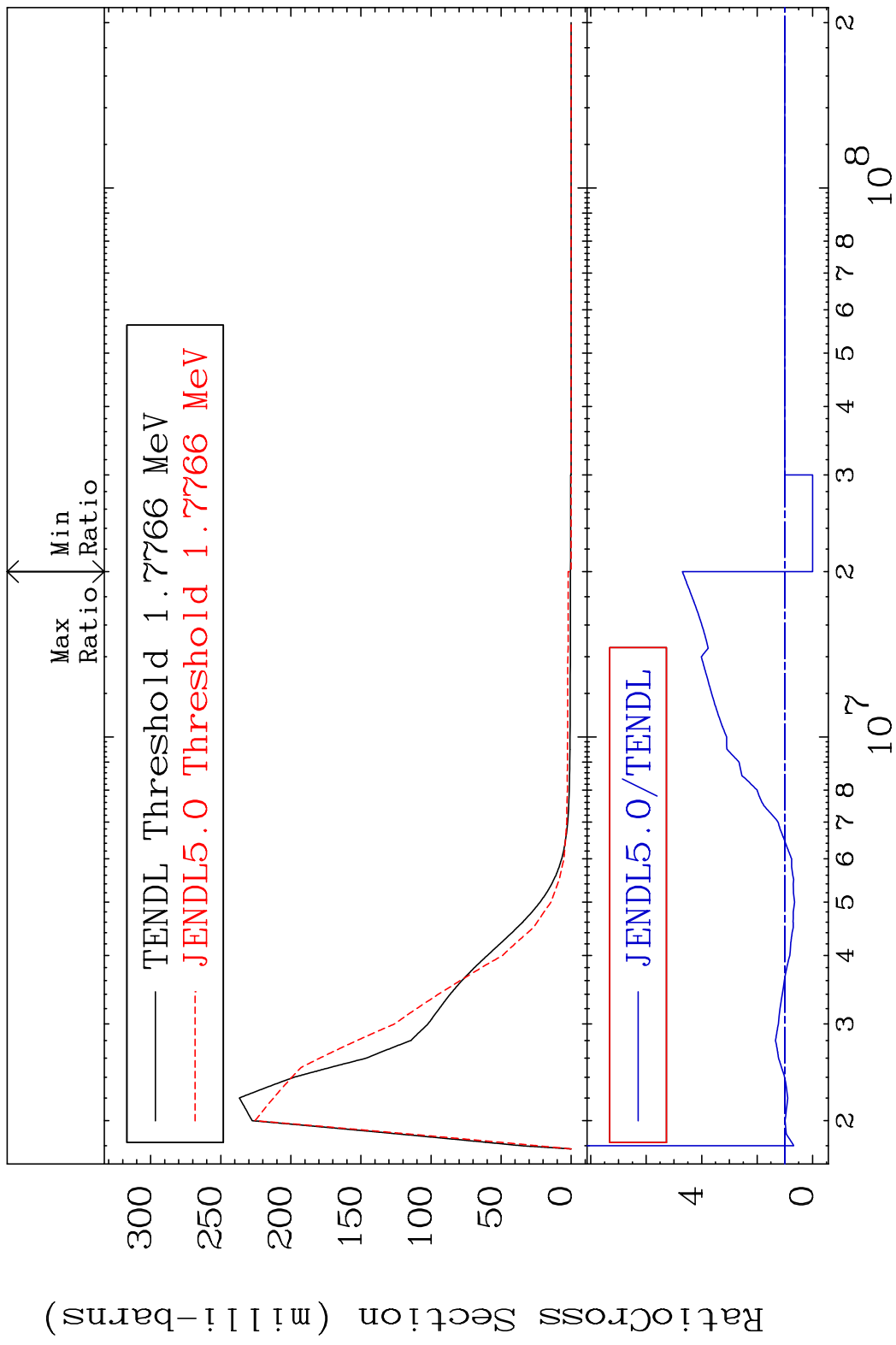
MAT 4243 MT= 53 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 368.2 %



MAT 4243 MT= 54 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 40.68 %

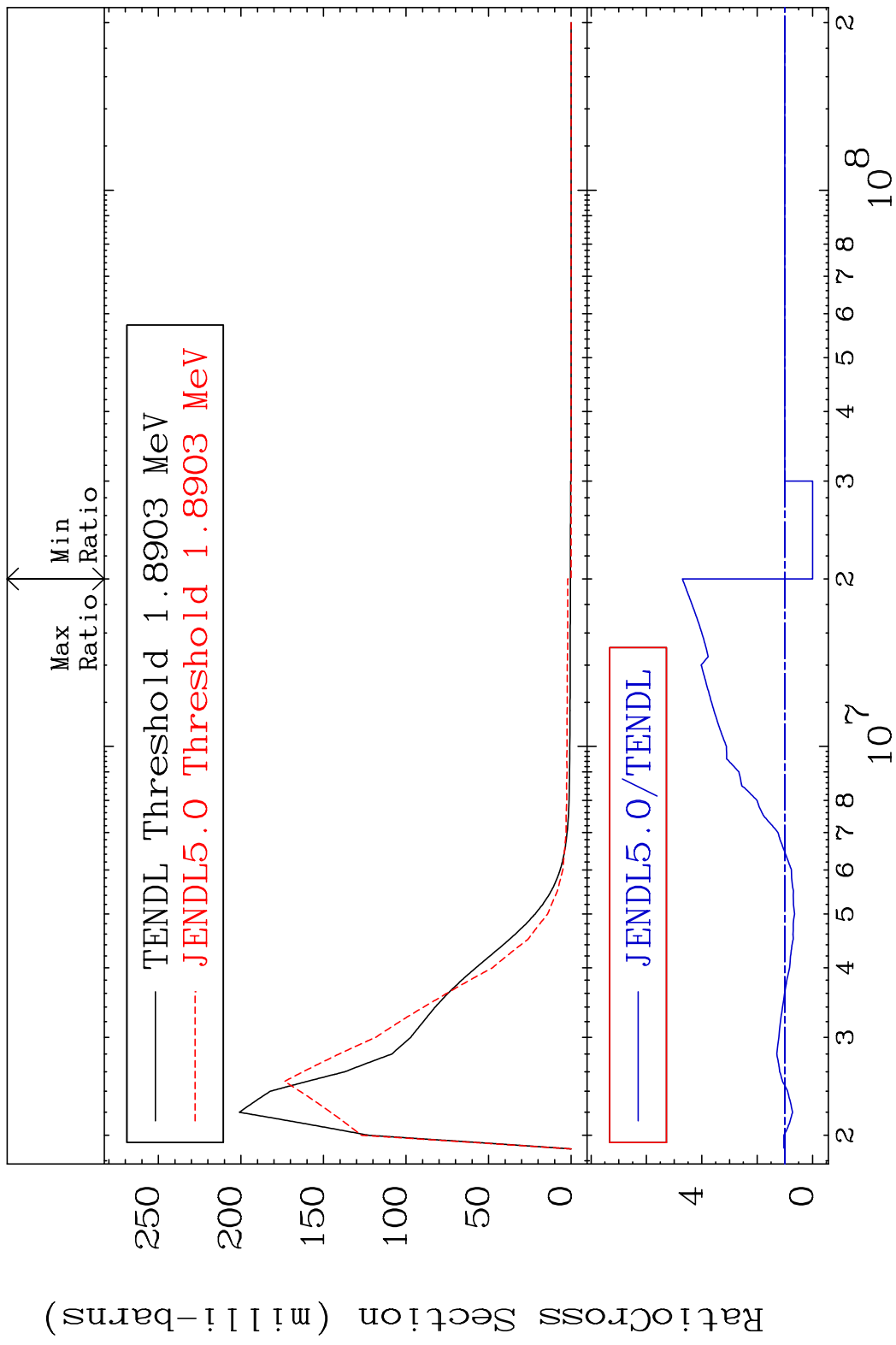


MAT 4243 MT= 55 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 369.7 %



14 Incident Energy (eV) 42-Mo-98

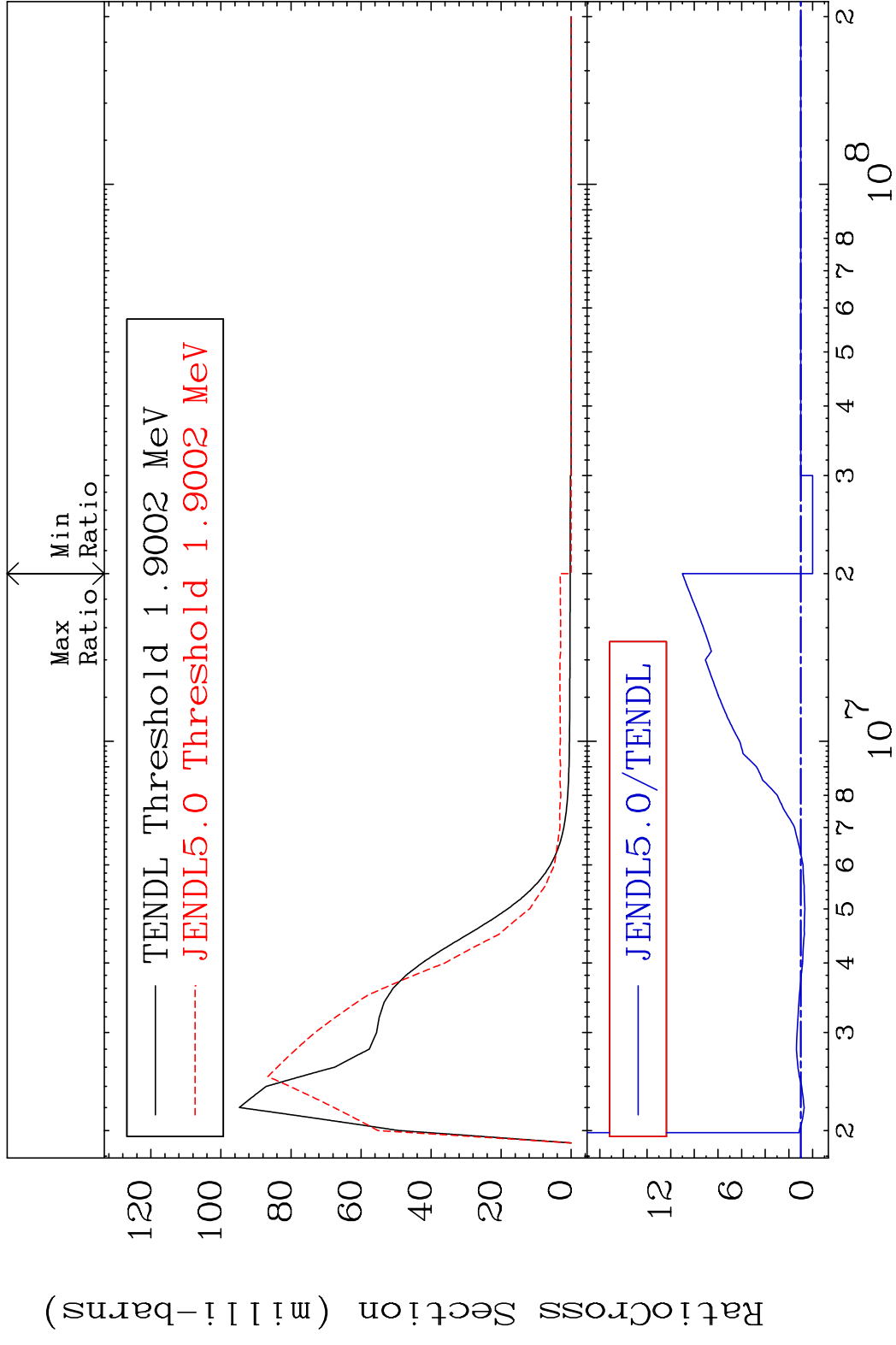
MAT 4243 MT= 56 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 370.4 %



15 15 Incident Energy (eV) 42-Mo-98

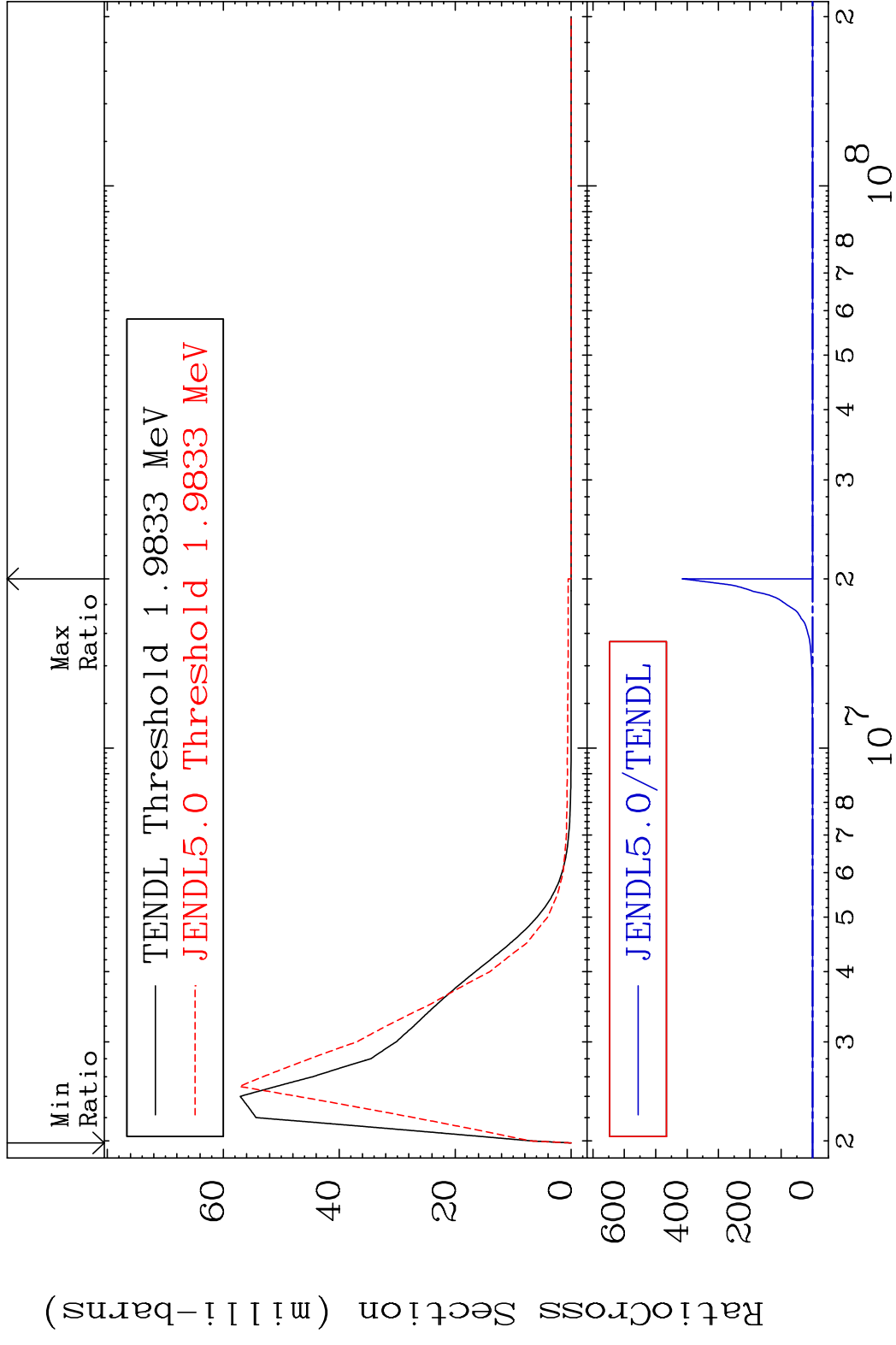


MAT 4243 MT= 57 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 1001. %

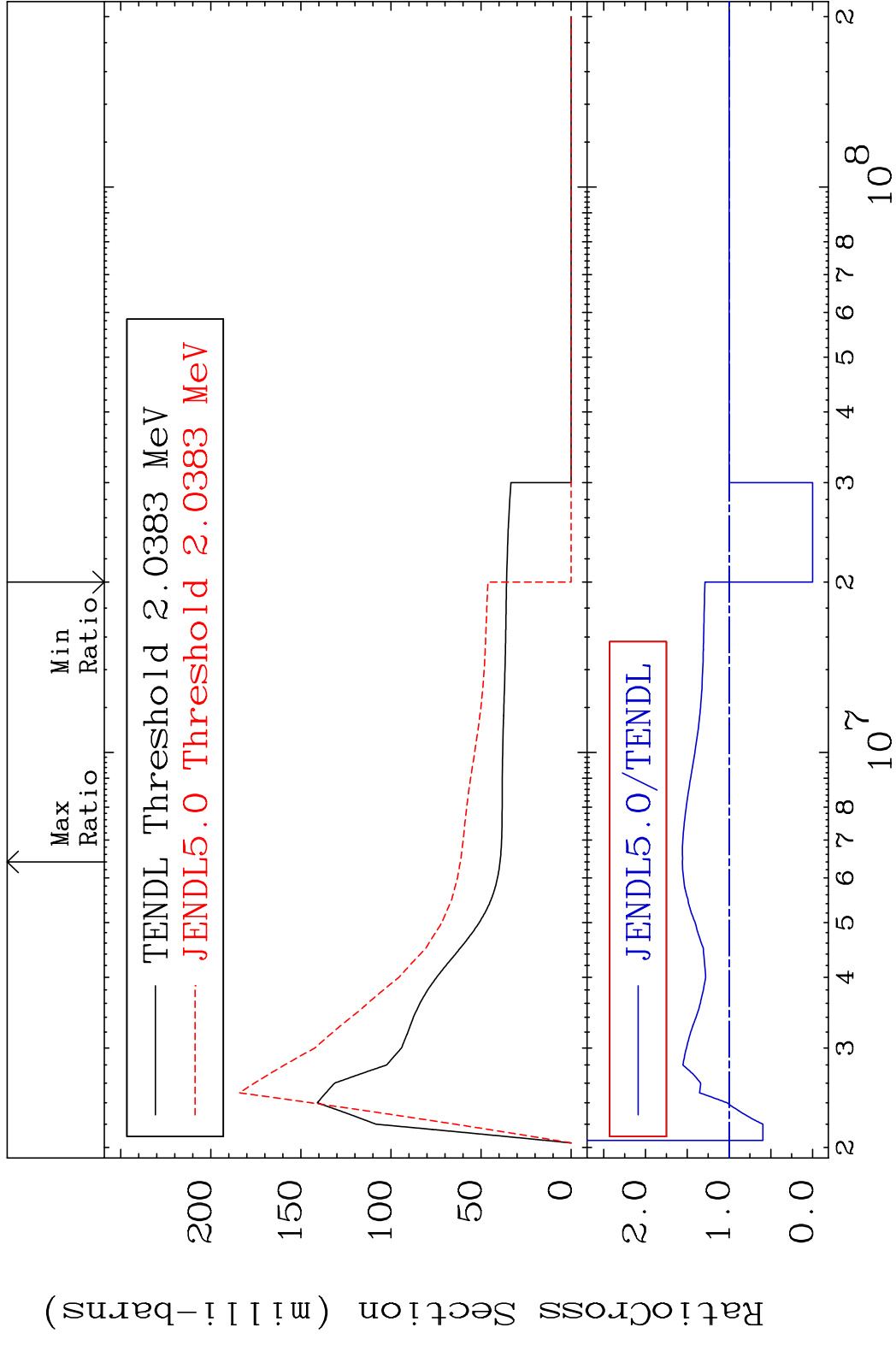


16 16 Incident Energy (eV) 42-Mo-98

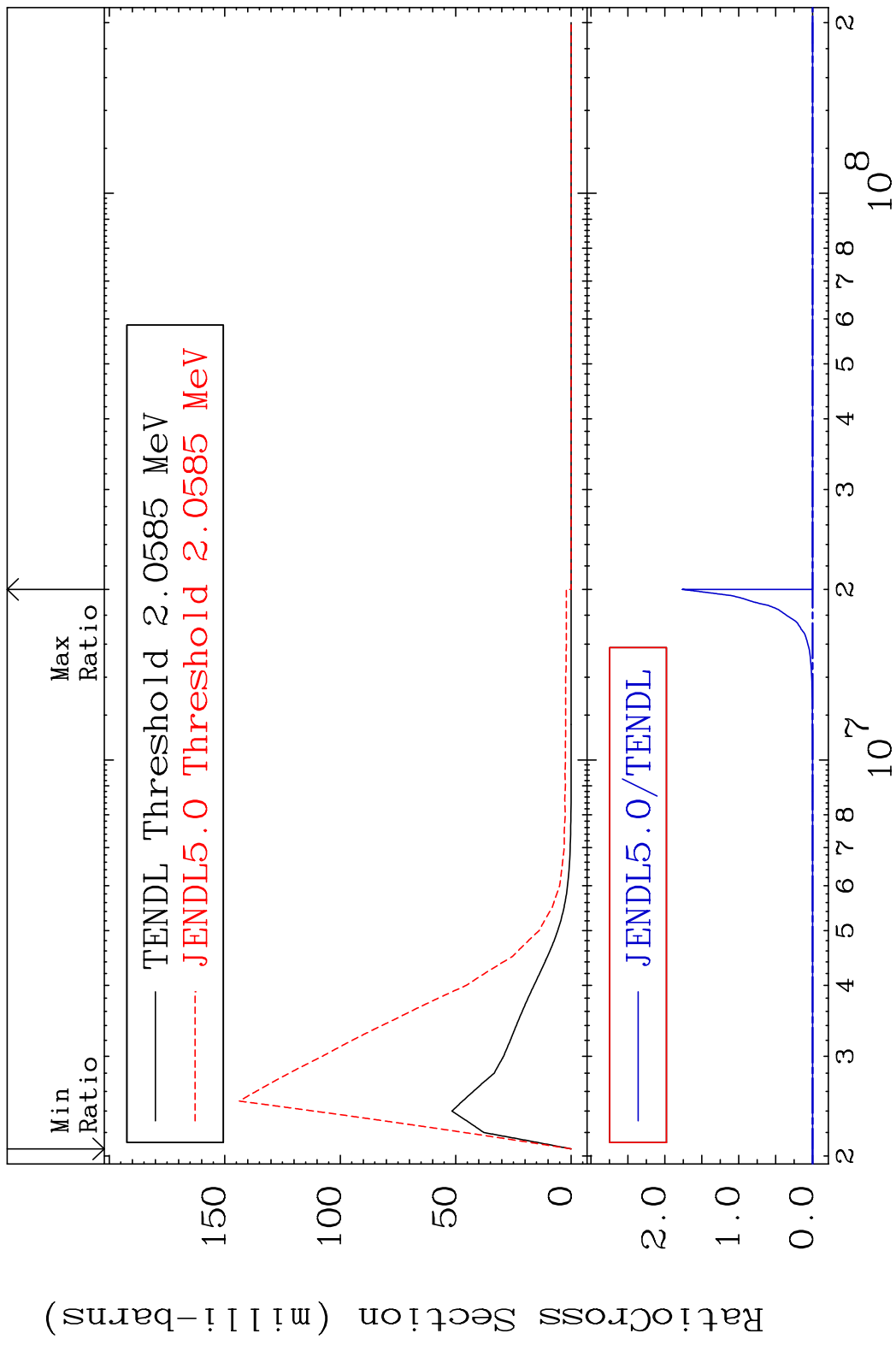
MAT 4243 MT= 58 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 9999. %



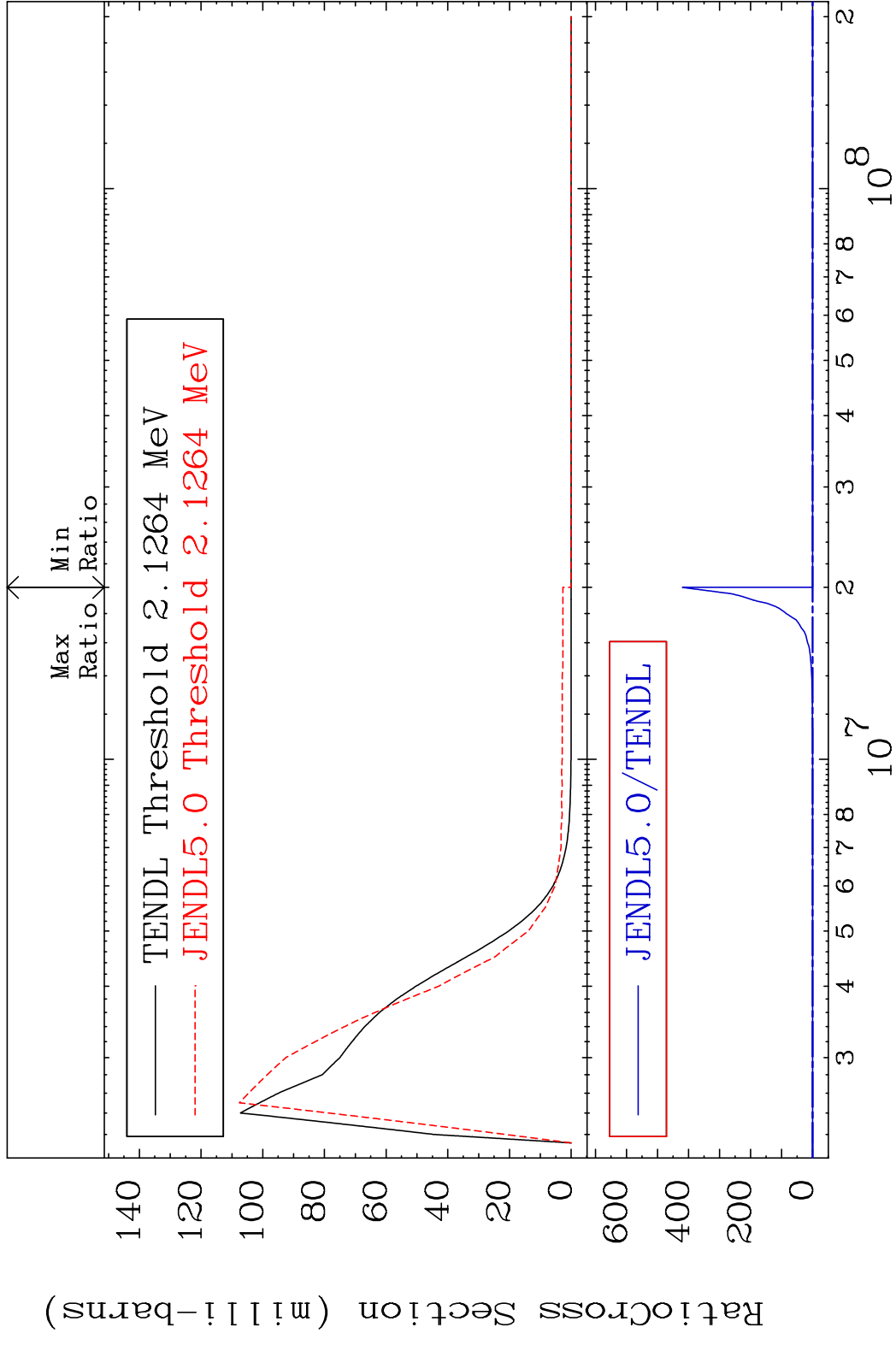
MAT 4243 MT= 59 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 55.90 %



MAT 4243 MT= 60 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 9999. %

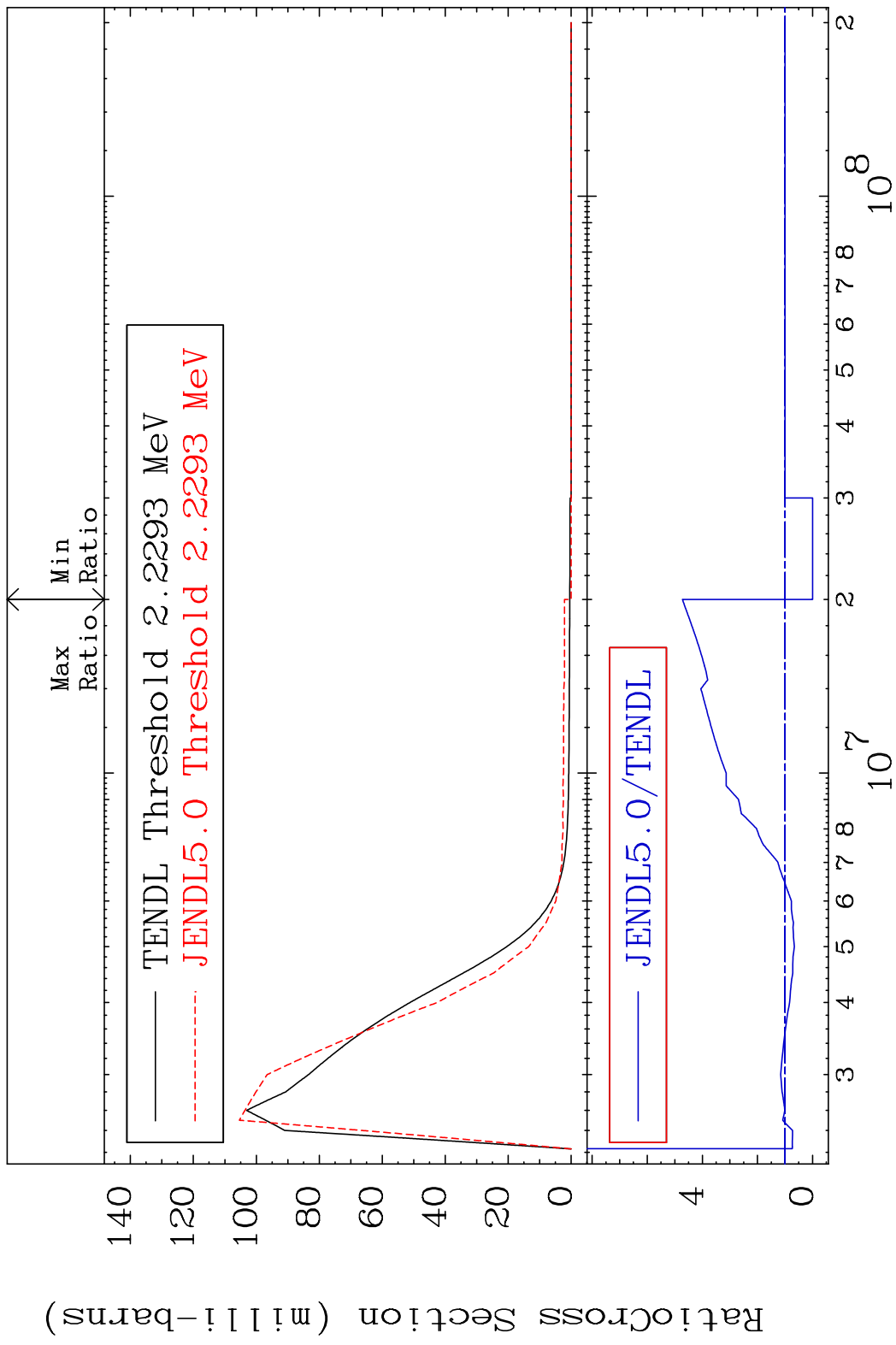


MAT 4243 MT= 61 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 9999. %

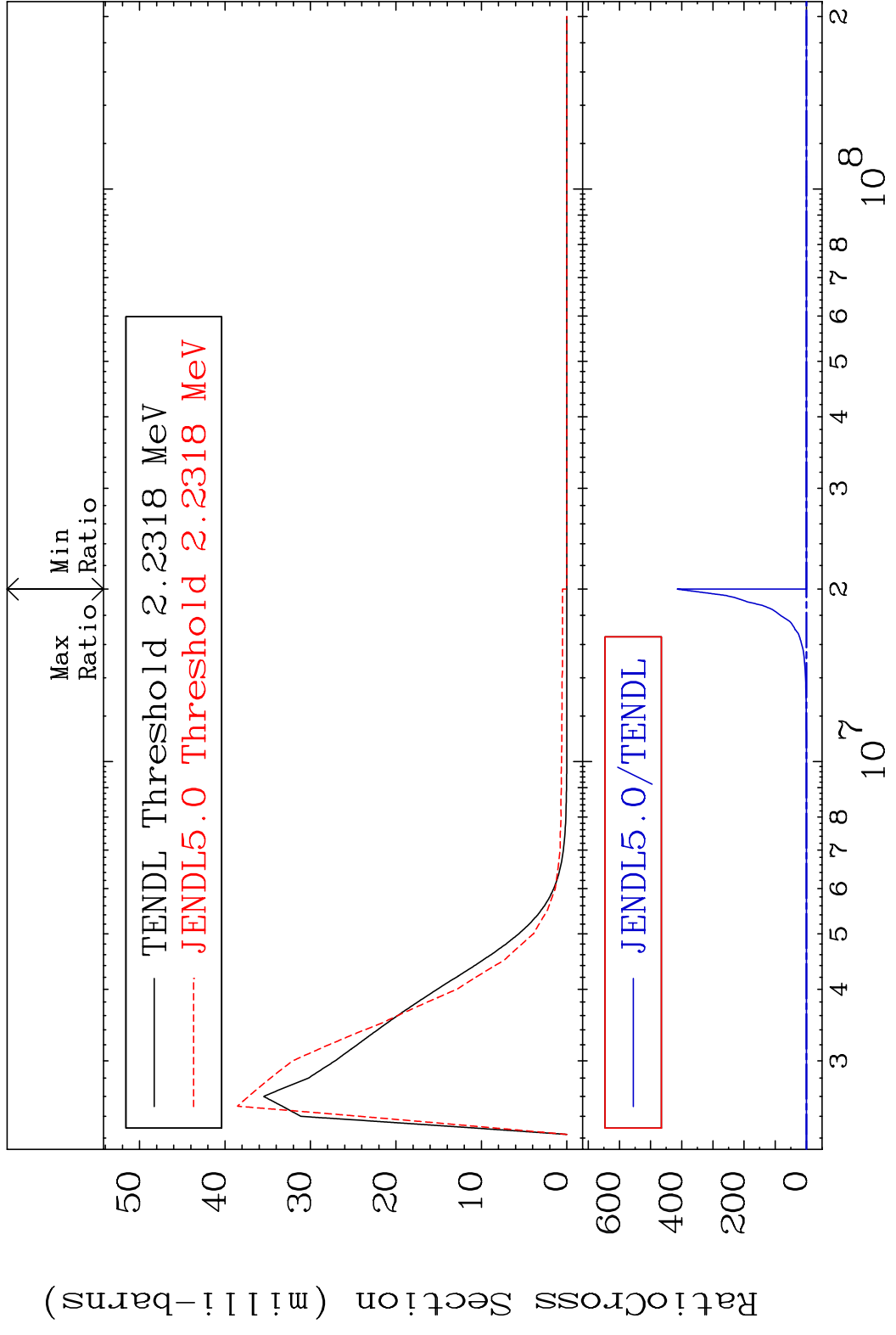


20 Incident Energy (eV) 42-Mo-98

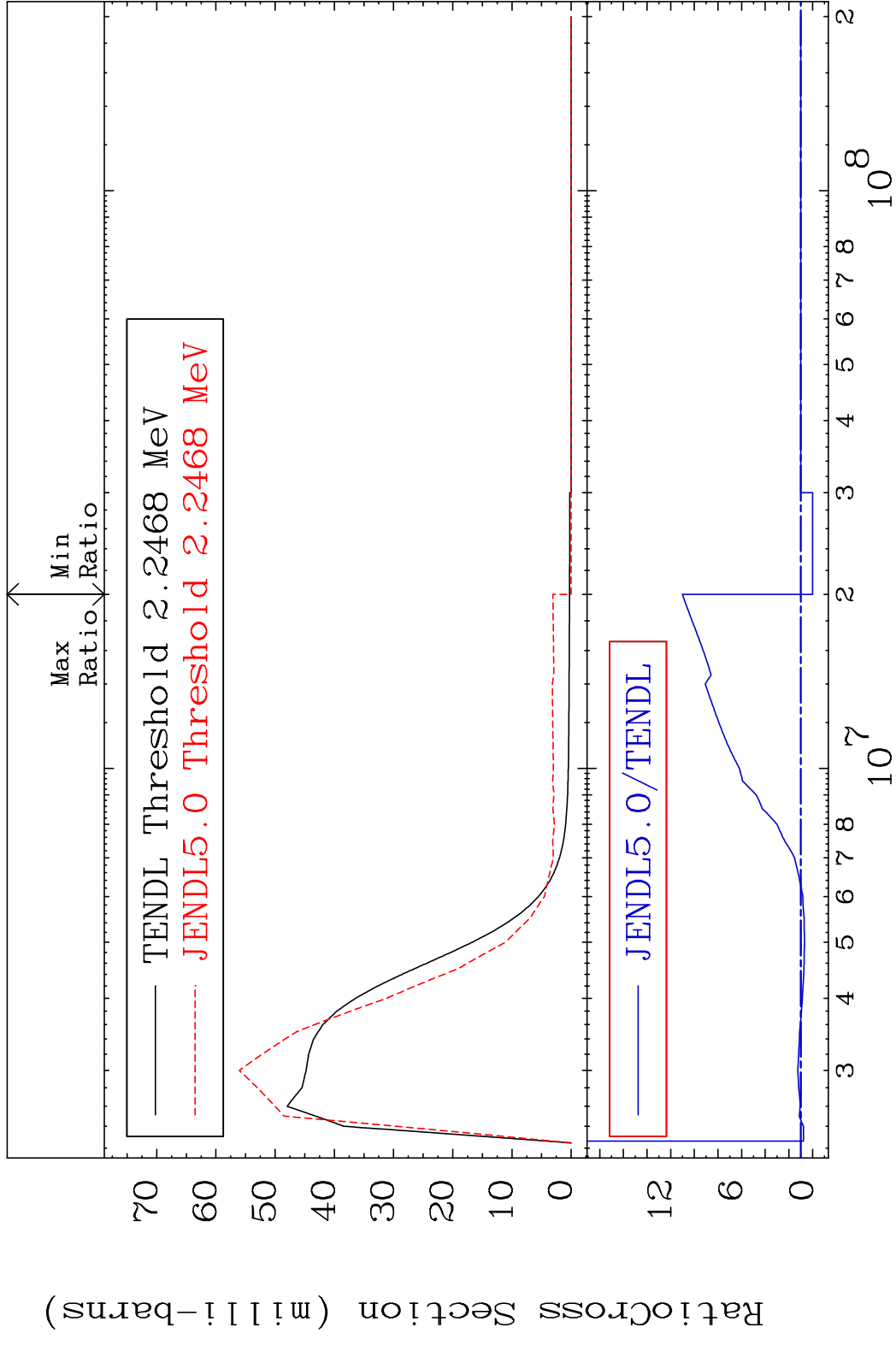
MAT 4243 MT= 62 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 372.6 %



MAT 4243 MT= 63 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 9999. %

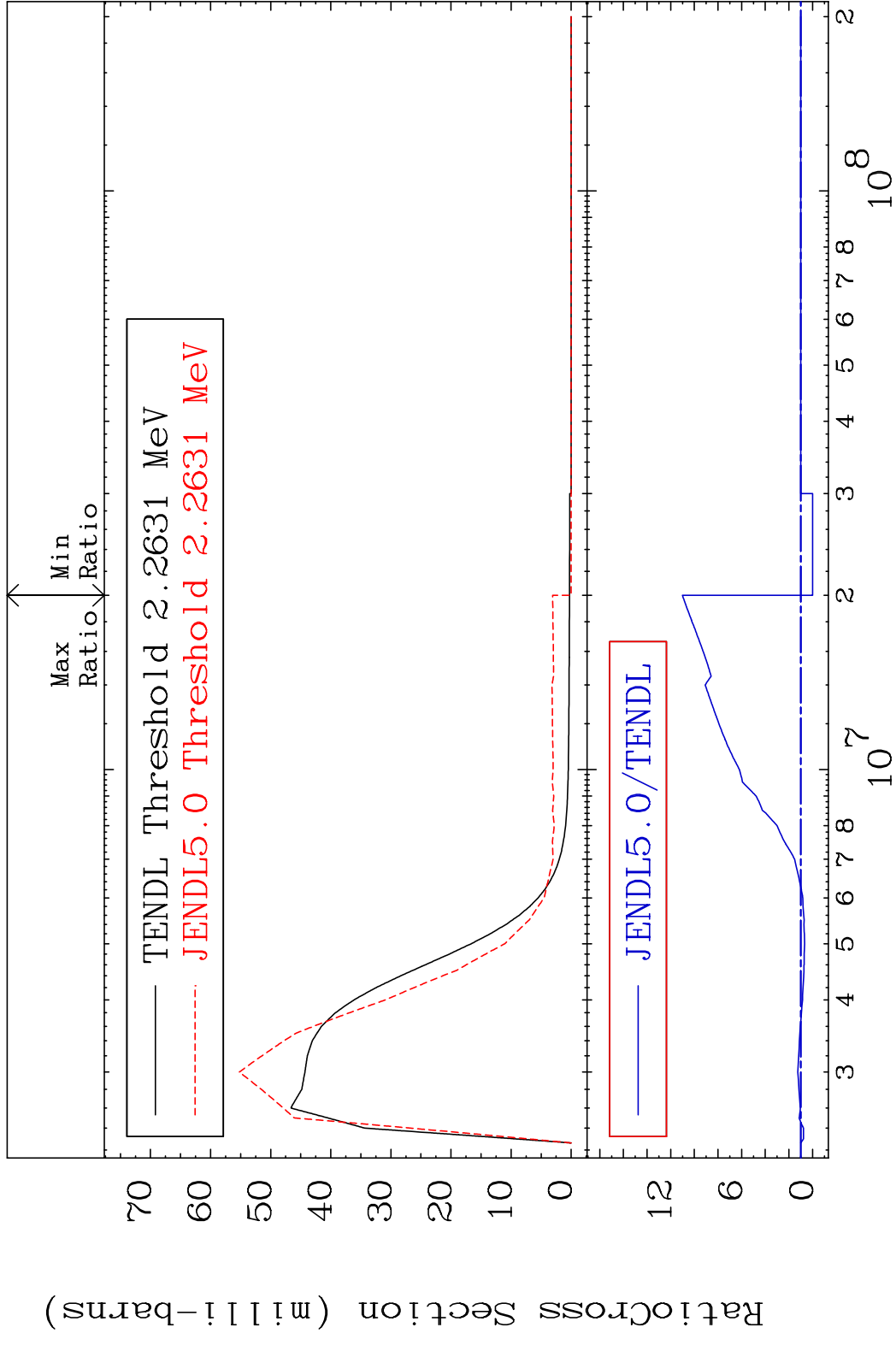


MAT 4243 MT= 64 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 1001. %

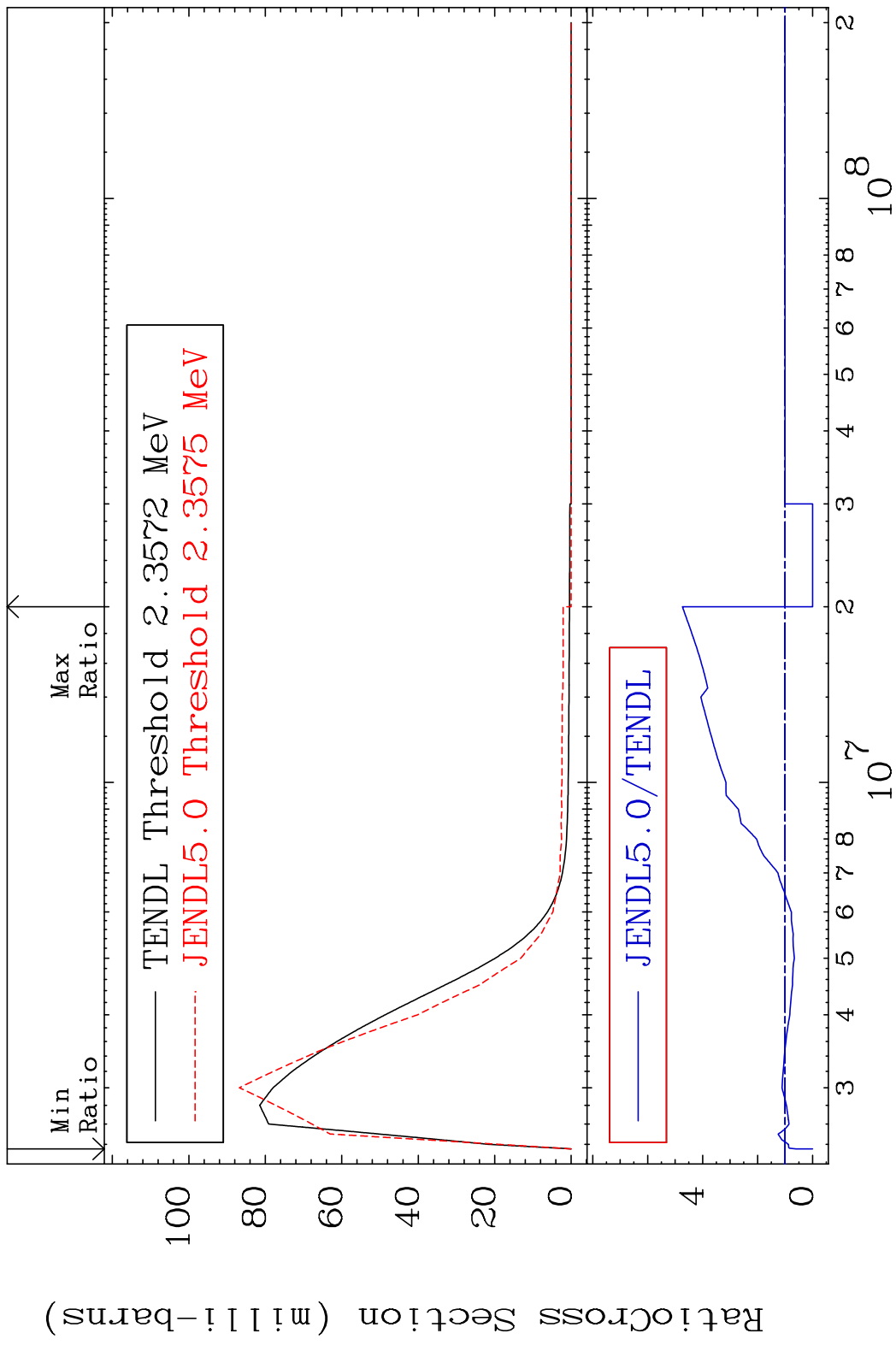




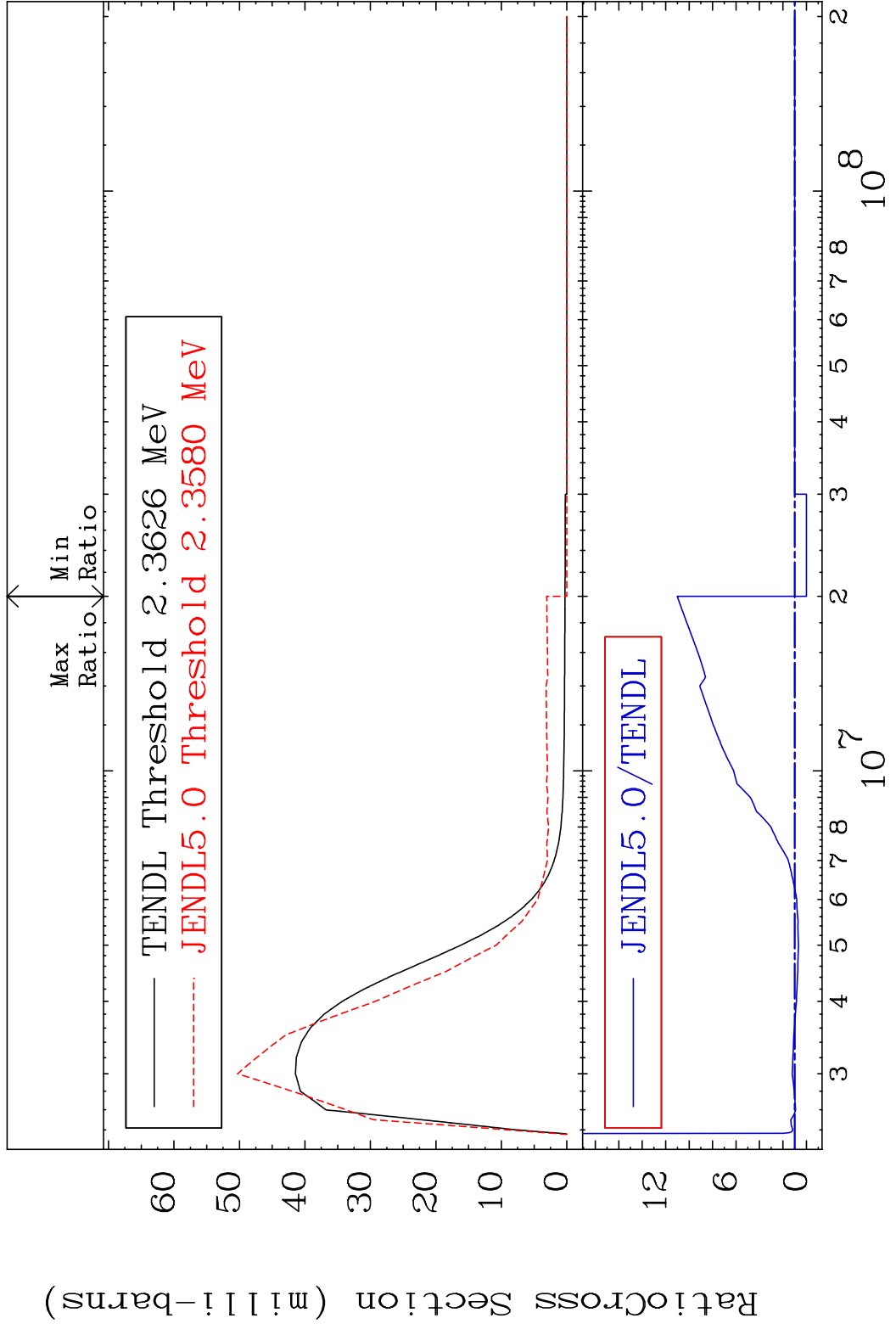
MAT 4243 MT= 65 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 1001. %



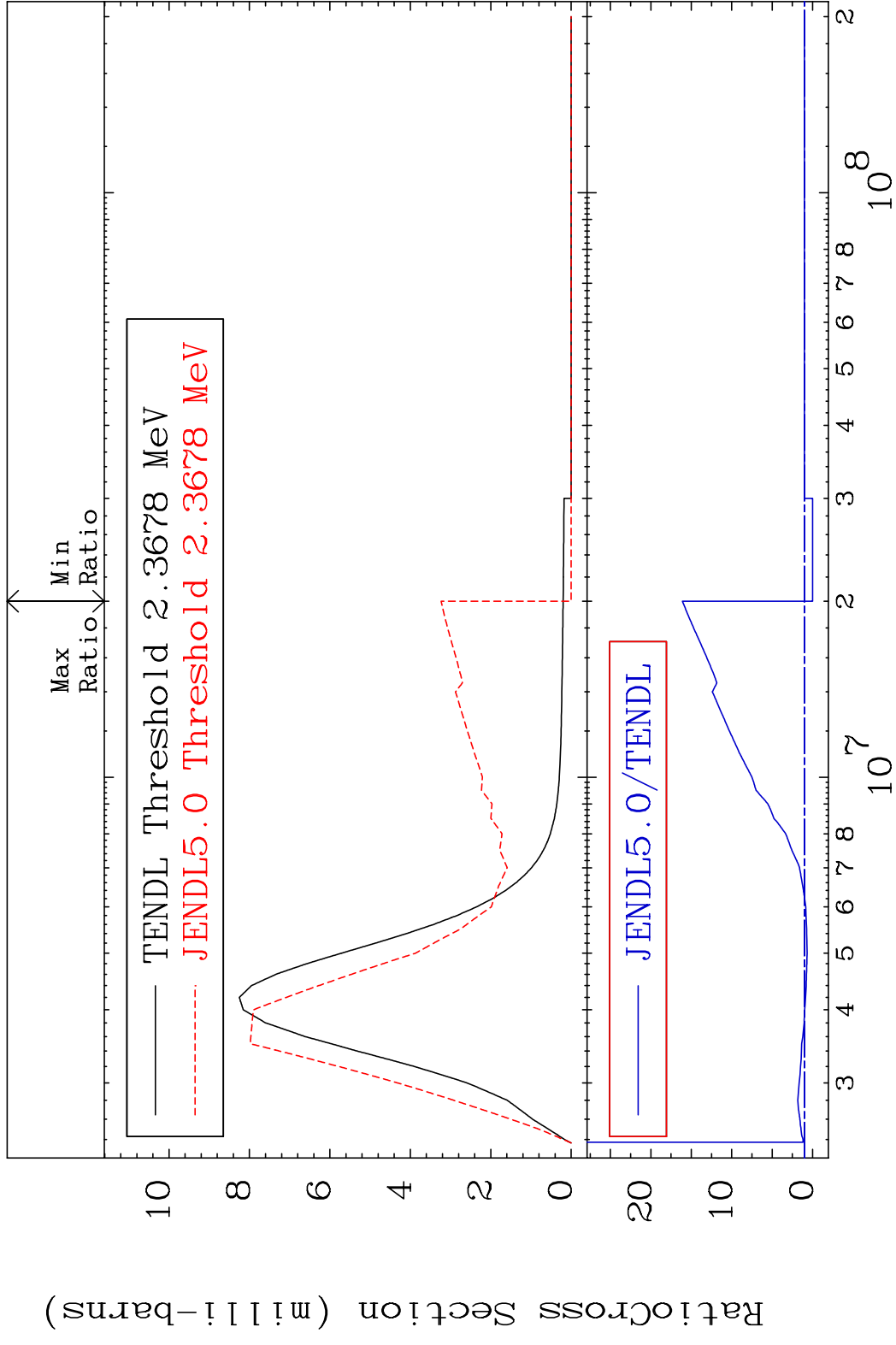
MAT 4243 MT= 66 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 373.7 %



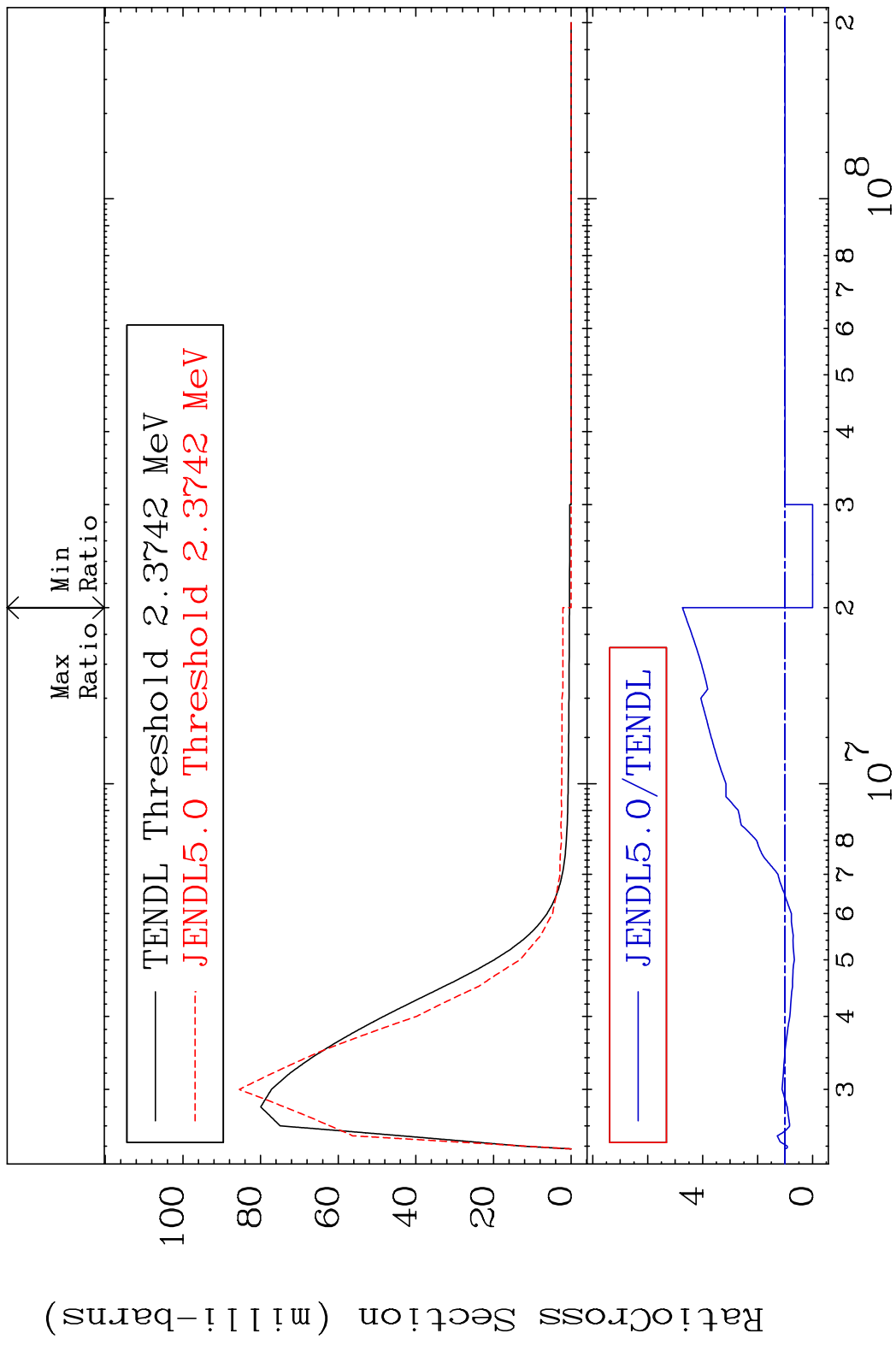
MAT 4243 MT= 67 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 1002. %



MAT 4243 MT= 68 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 1510. %



MAT 4243 MT= 69 (n, n') Level 42-Mo-98  
 Cross Section -100.0 To 373.8 %

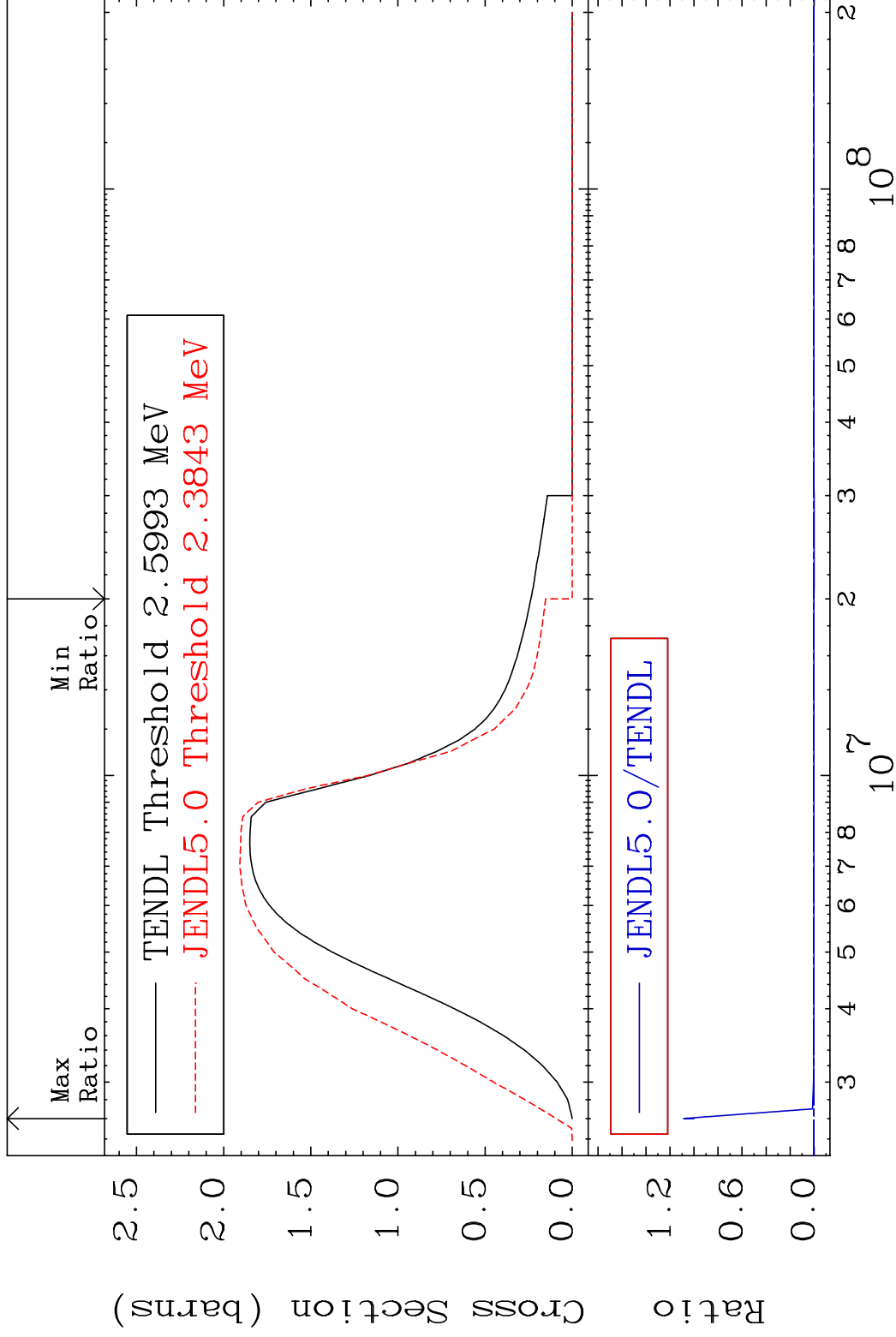


MAT 4243

(n,n') Continuum

42-Mo-98

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

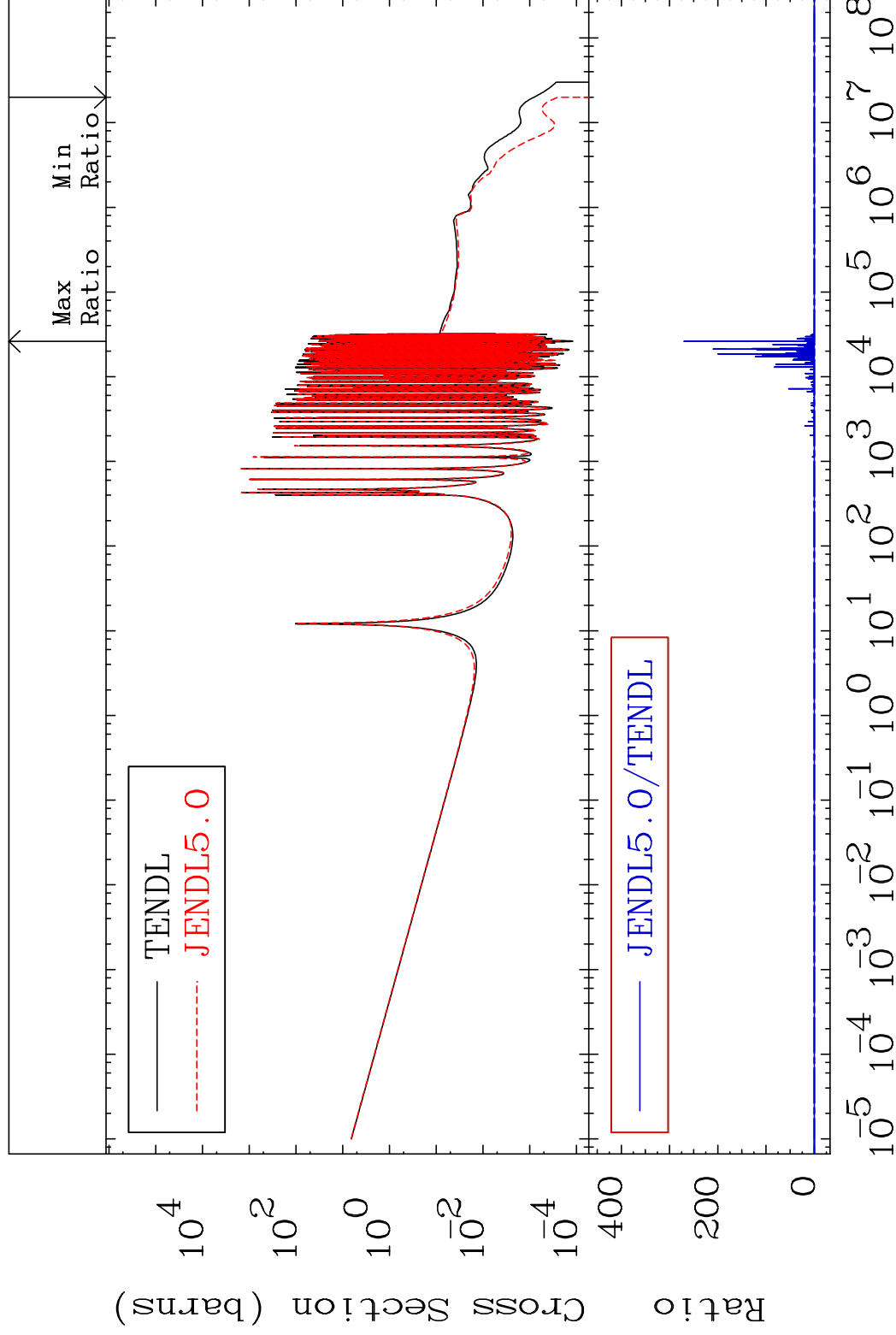
42-Mo-98

MAT 4243

(n,  $\gamma$ )

42-Mo-98

Cross Section -100.0 To 9999. %

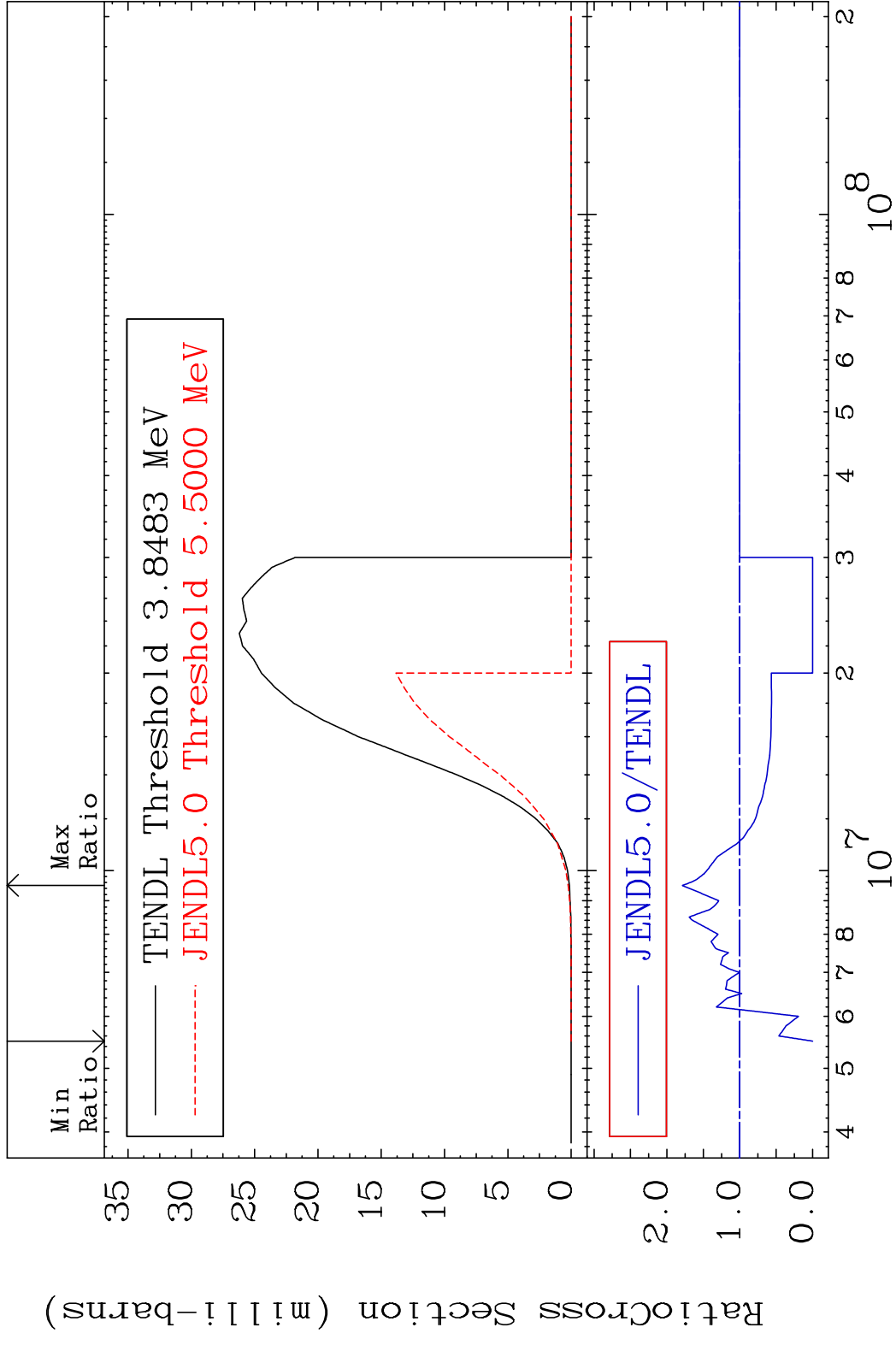


30

Incident Energy (eV)

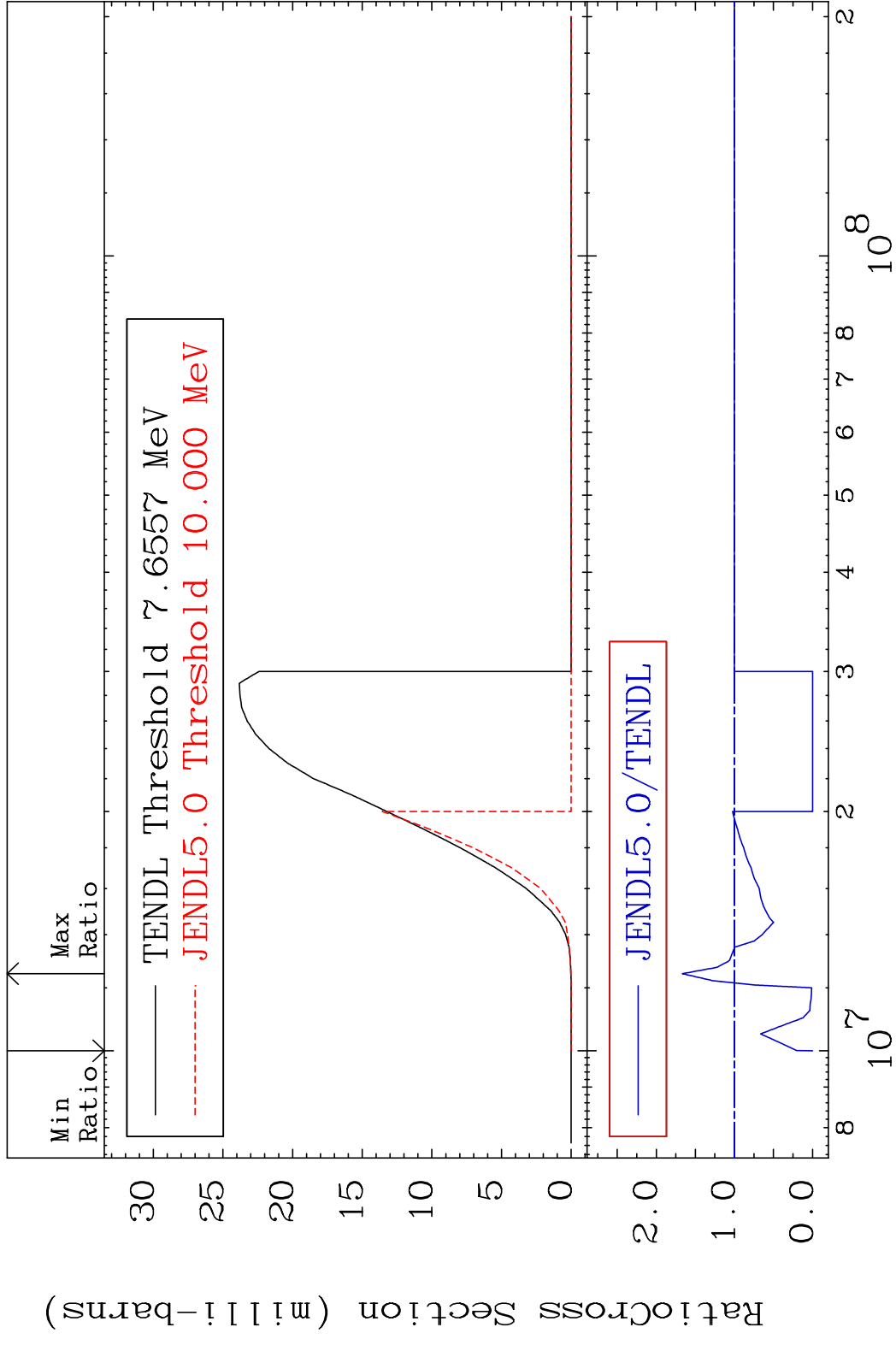
42-Mo-98

MAT 4243 (n,p) 42-Mo-98  
 Cross Section -100.0 To 78.74 %





MAT 4243 (n,d) 42-Mo-98  
 Cross Section -100.0 To 66.63 %

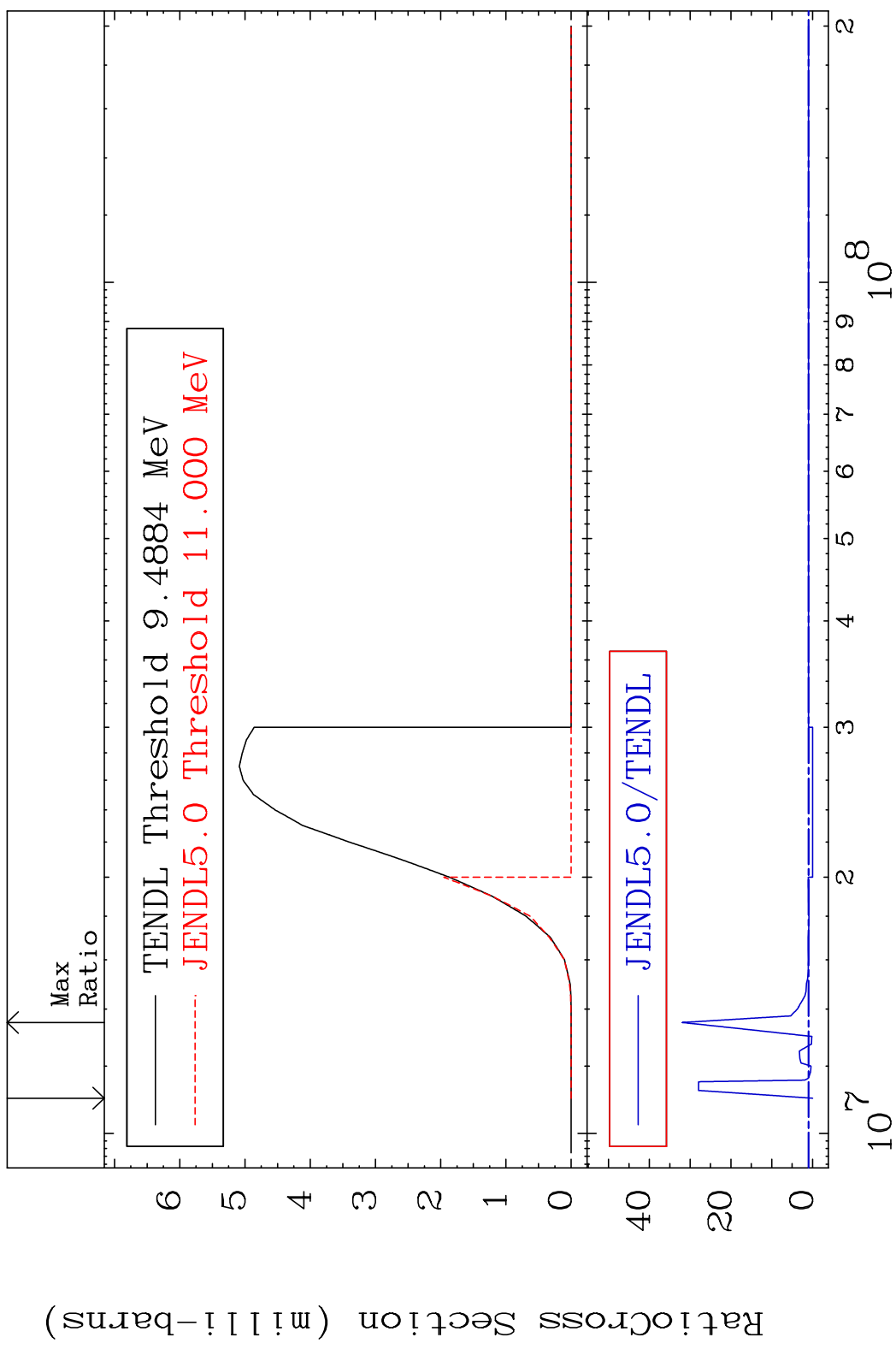


MAT 4243

(n, t)

42-Mo-98

Cross Section -100.0 To 3091. %



33

Incident Energy (eV)

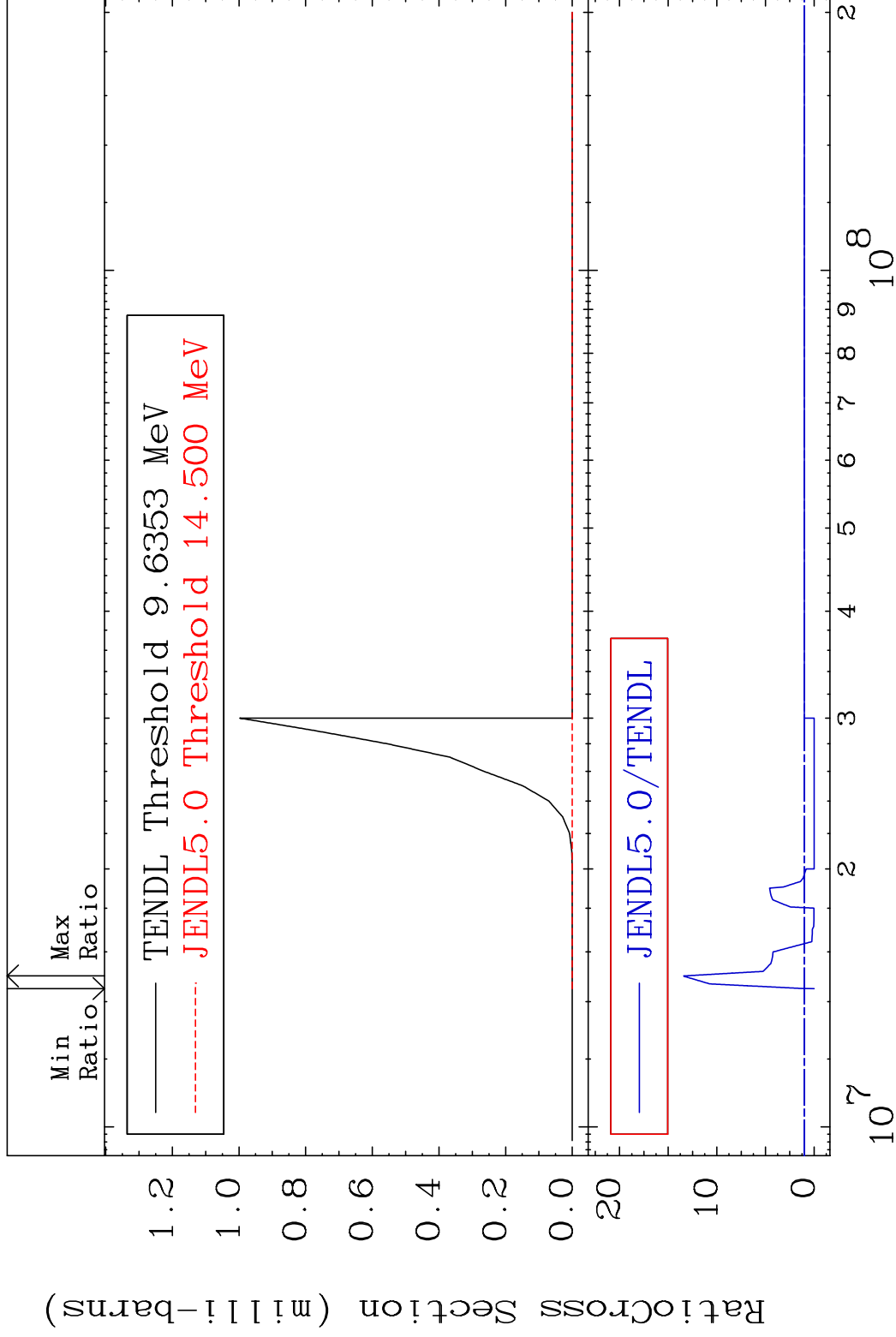
42-Mo-98

MAT 4243

(n, He-3)

42-Mo-98

Cross Section -100.0 To 1241. %



34

Incident Energy (eV)

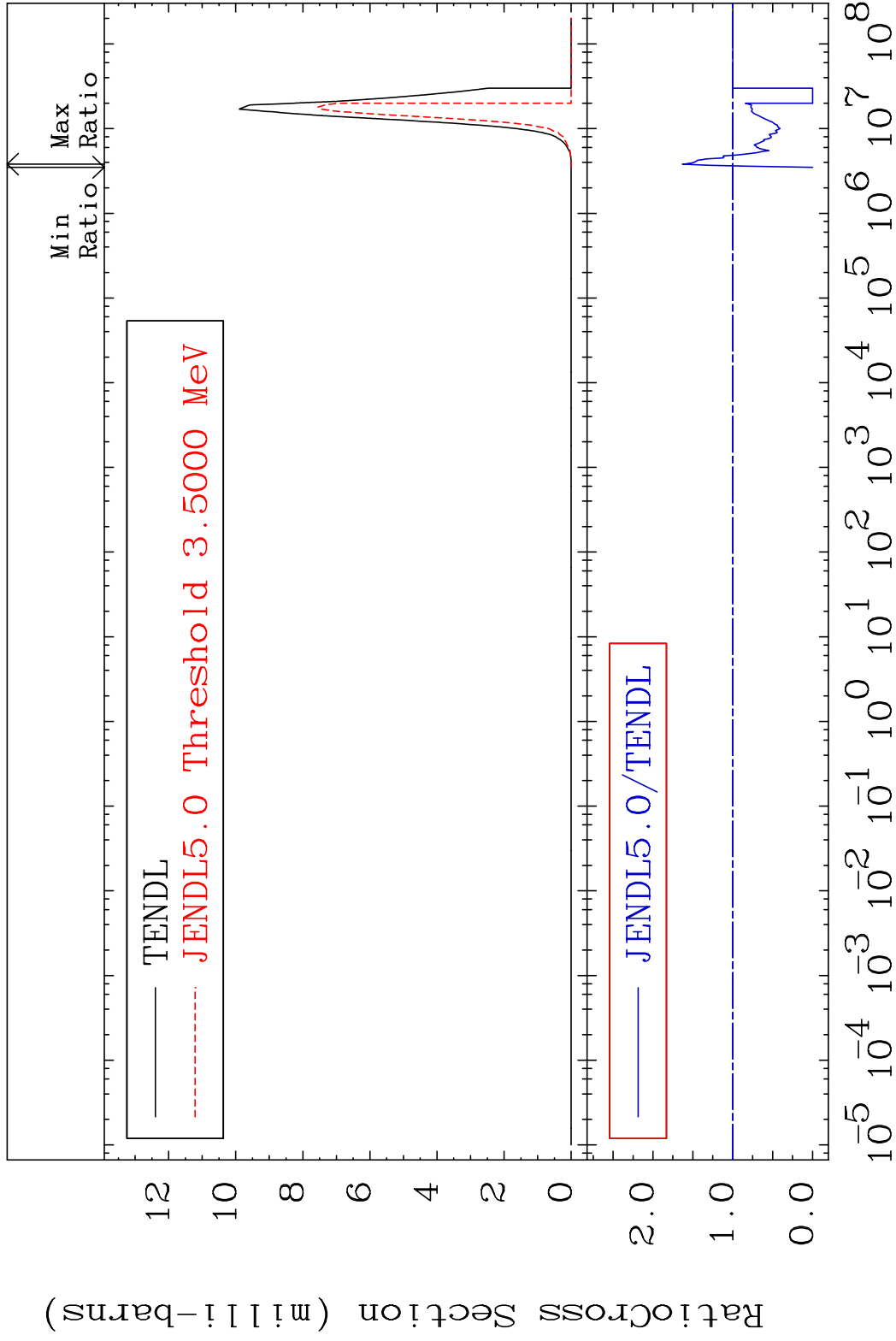
42-Mo-98

MAT 4243

(n,  $\alpha$ )

42-Mo-98

Cross Section -100.0 To 63.17 %

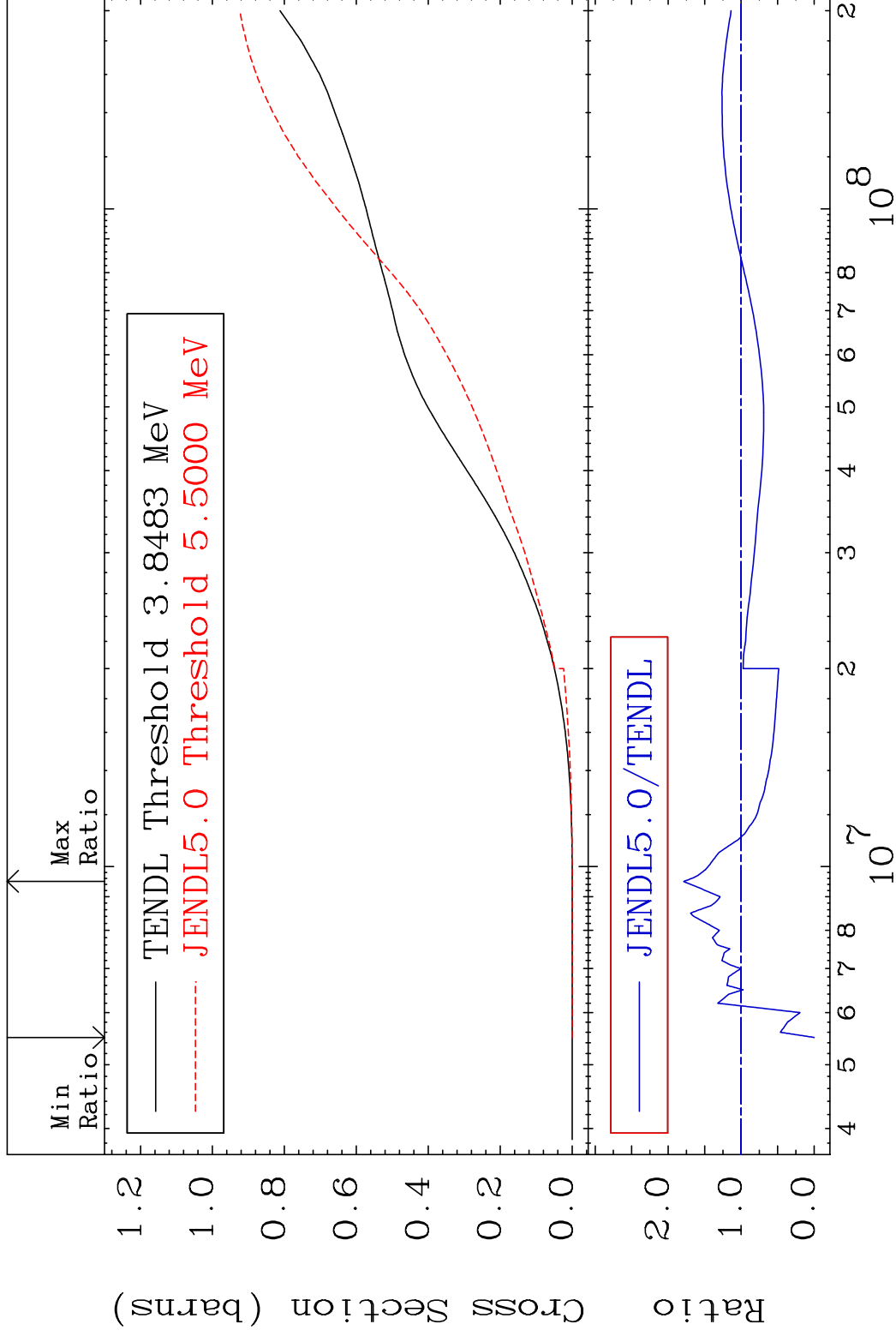


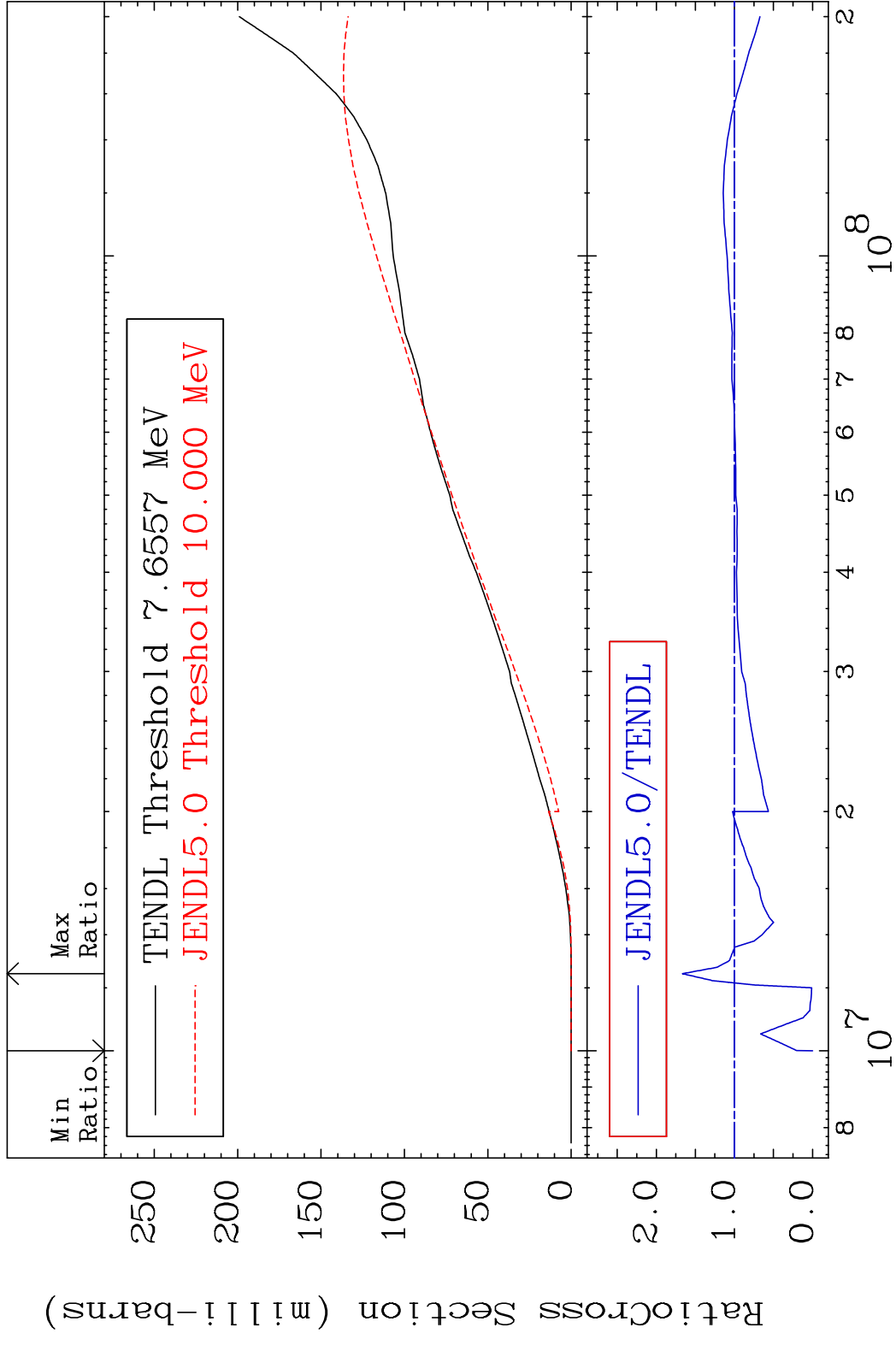
35

Incident Energy (eV)

42-Mo-98

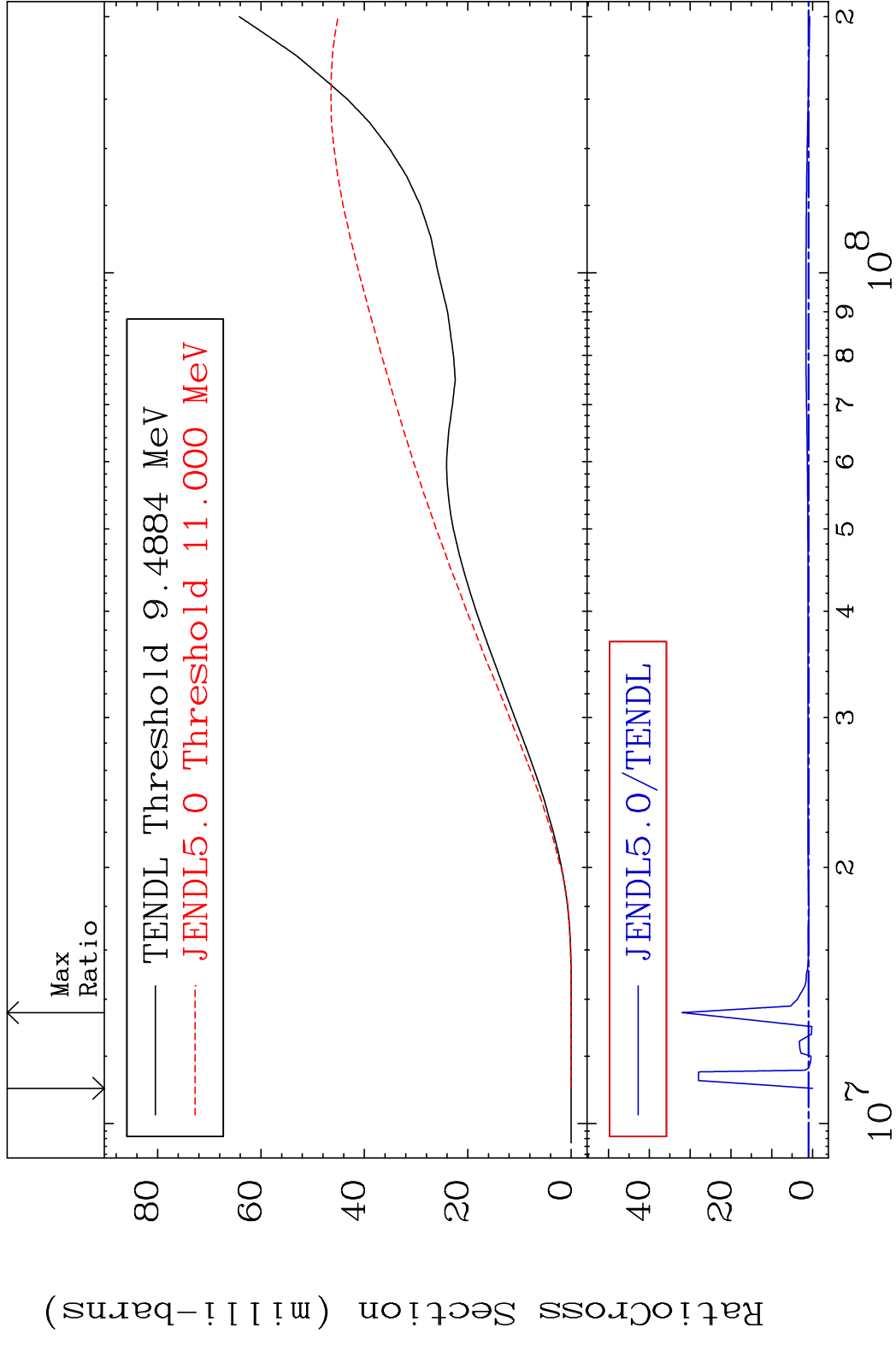
Cross Section -100.0 To 78.74 %





MAT 4243

Tritium Production 42-Mo-98  
Cross Section -100.0 To 3091. %



38

Incident Energy (eV) 42-Mo-98



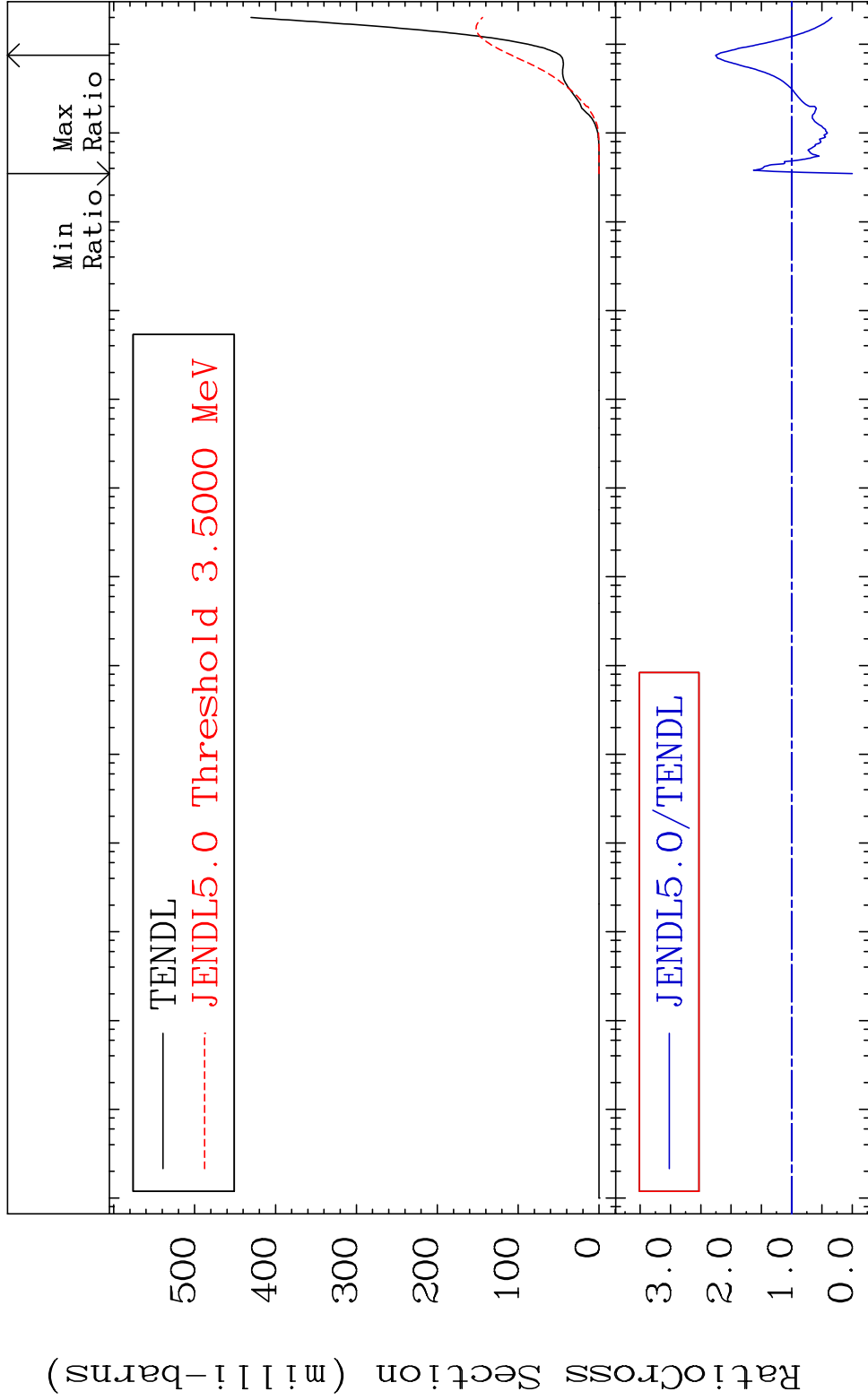


MAT 4243

He-4 Production

42-Mo-98

Cross Section -100.0 To 125.4 %

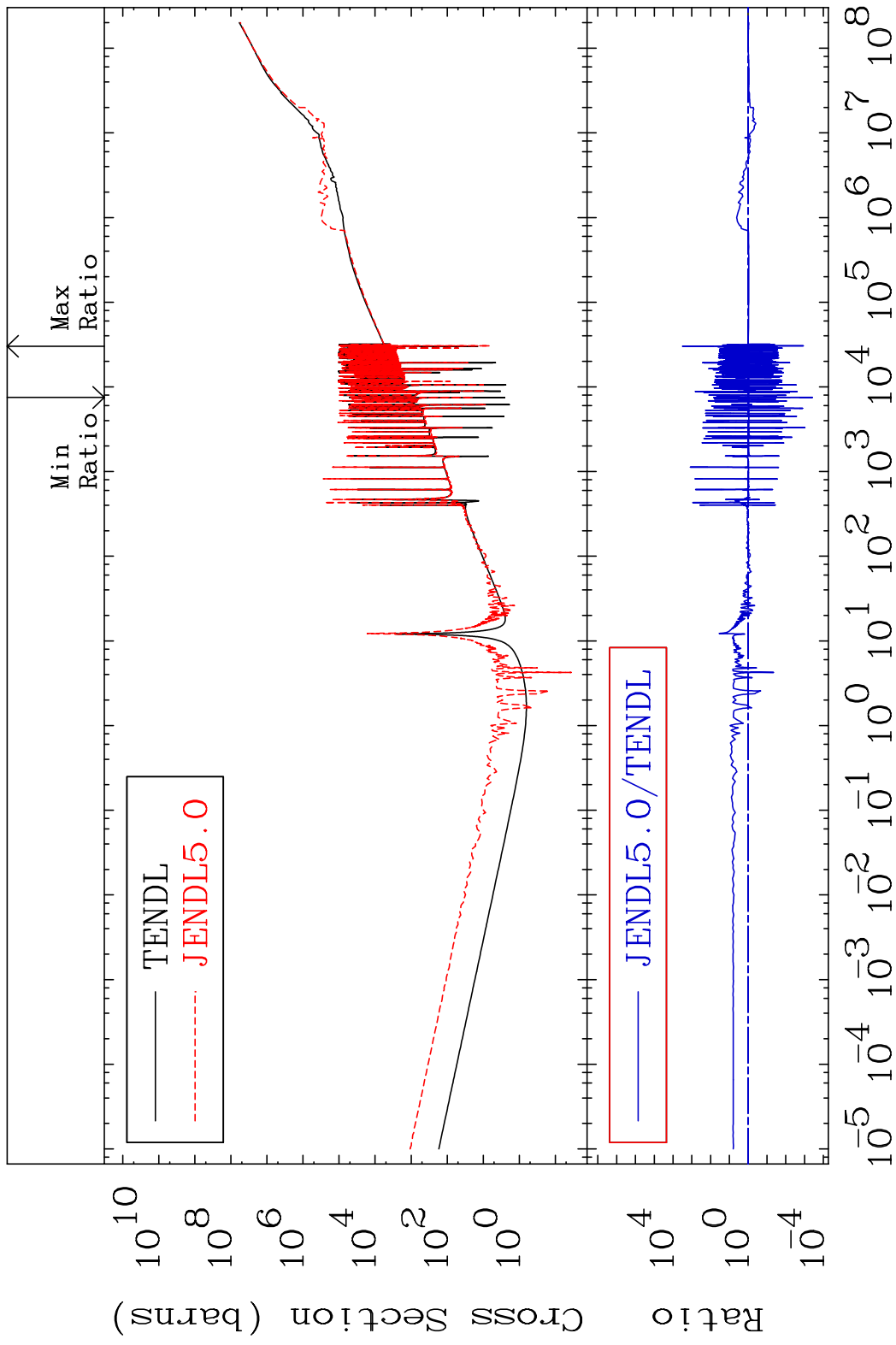


40

Incident Energy (eV)

42-Mo-98

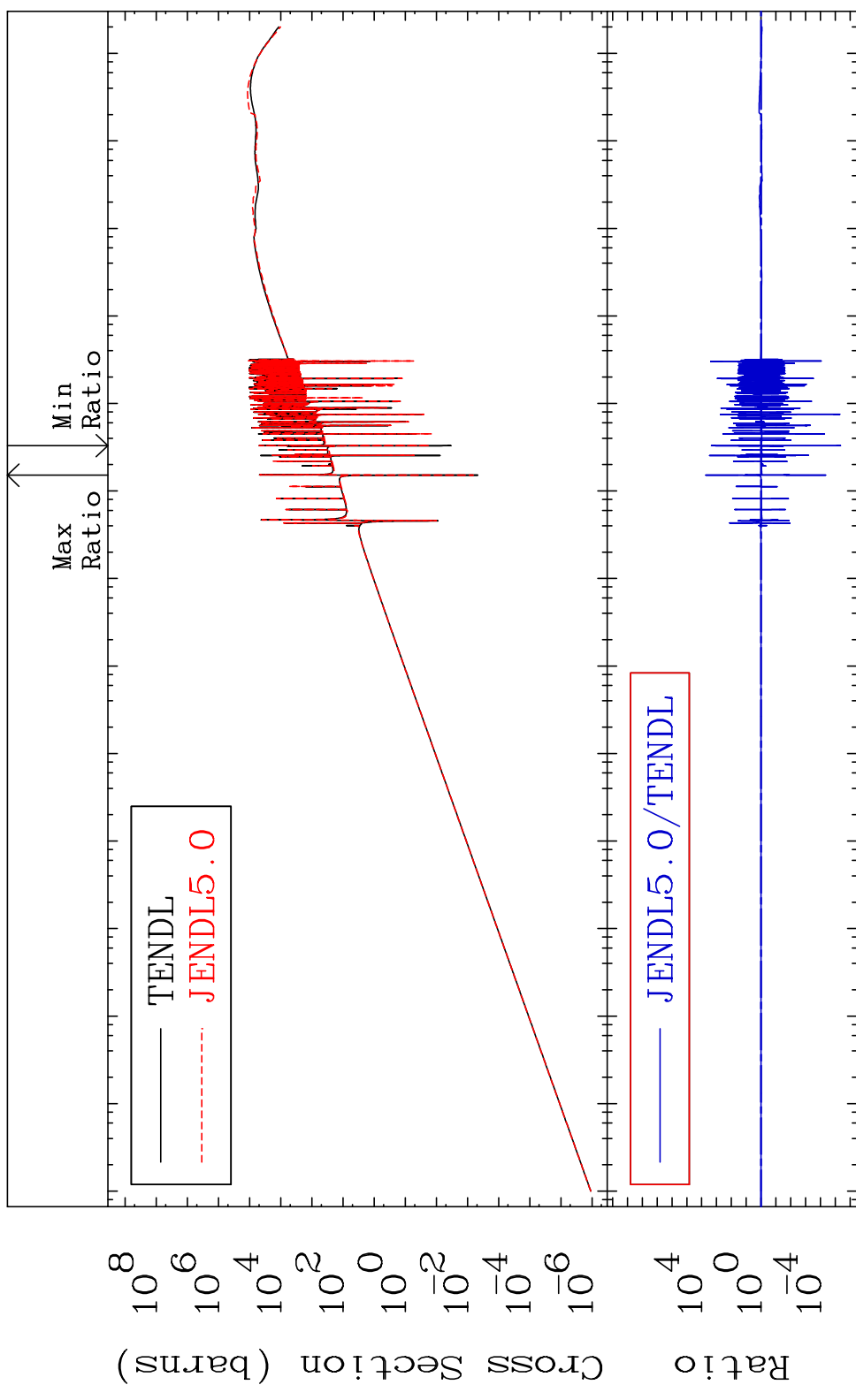
MAT 4243 Kerma total (eV-barns) 42-Mo-98  
 Cross Section -99.96 To 9999. %



41 Incident Energy (eV) 42-Mo-98

MAT 4243

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

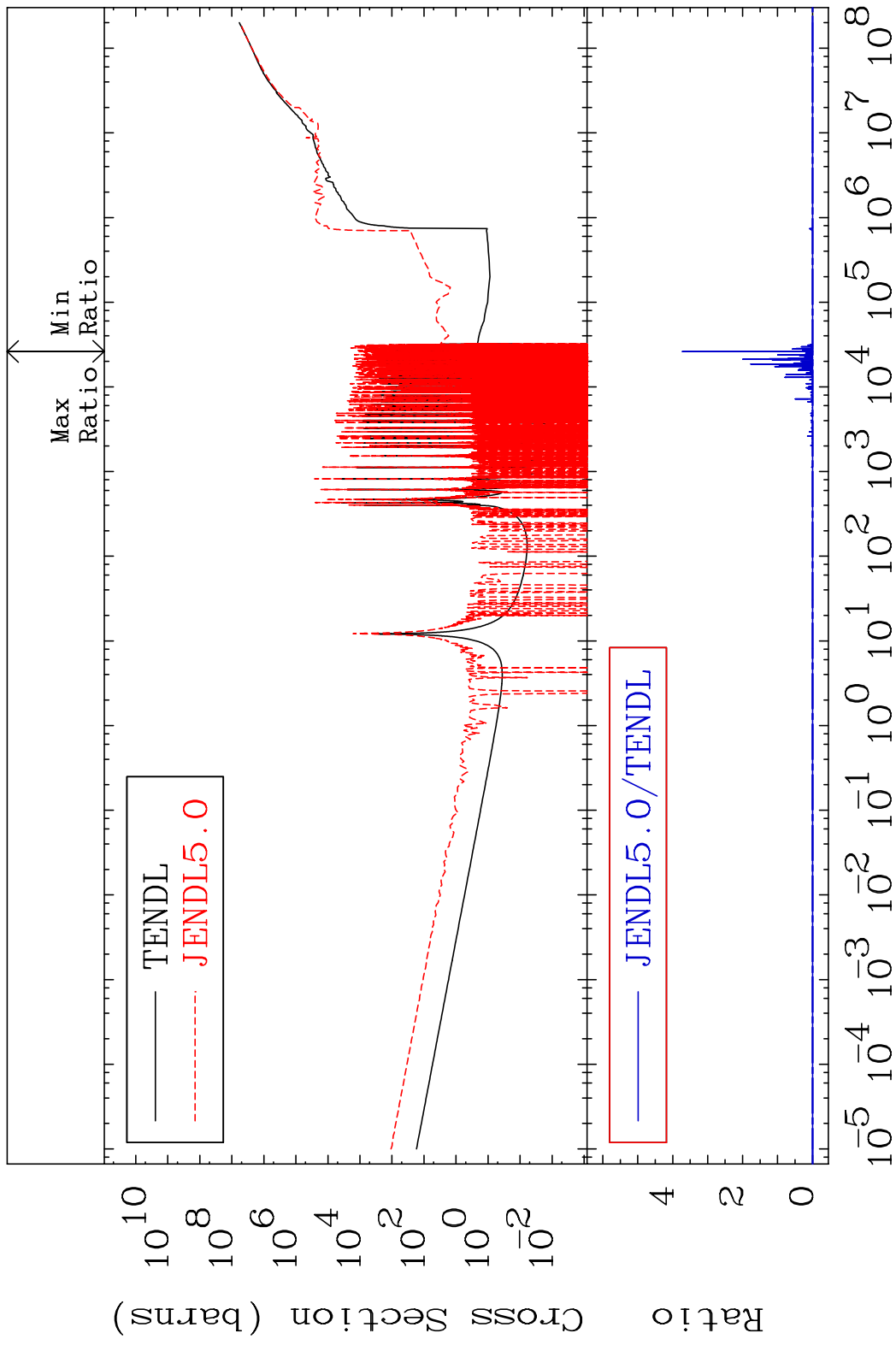


42

Incident Energy (eV)

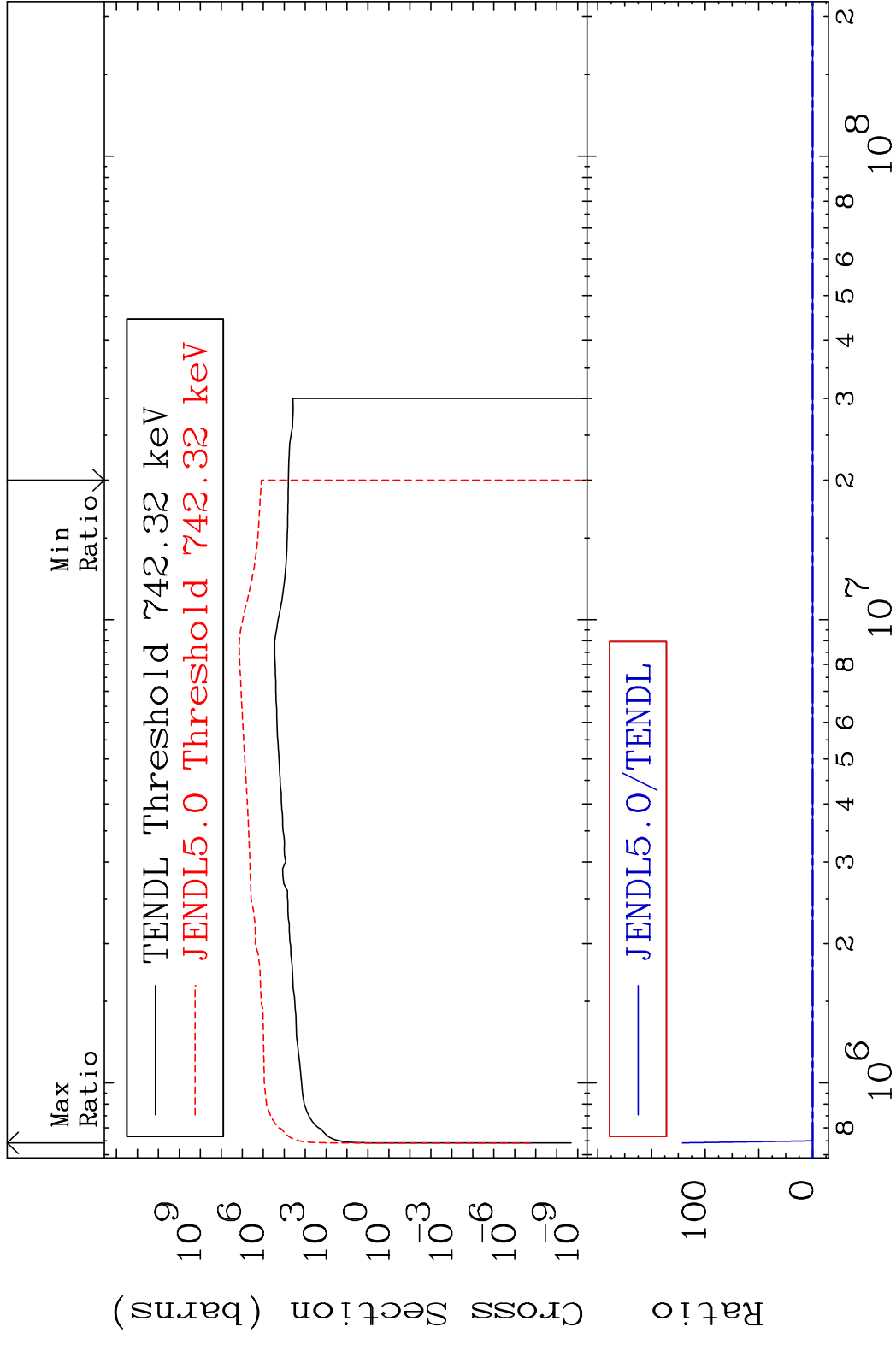
42-Mo-98

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

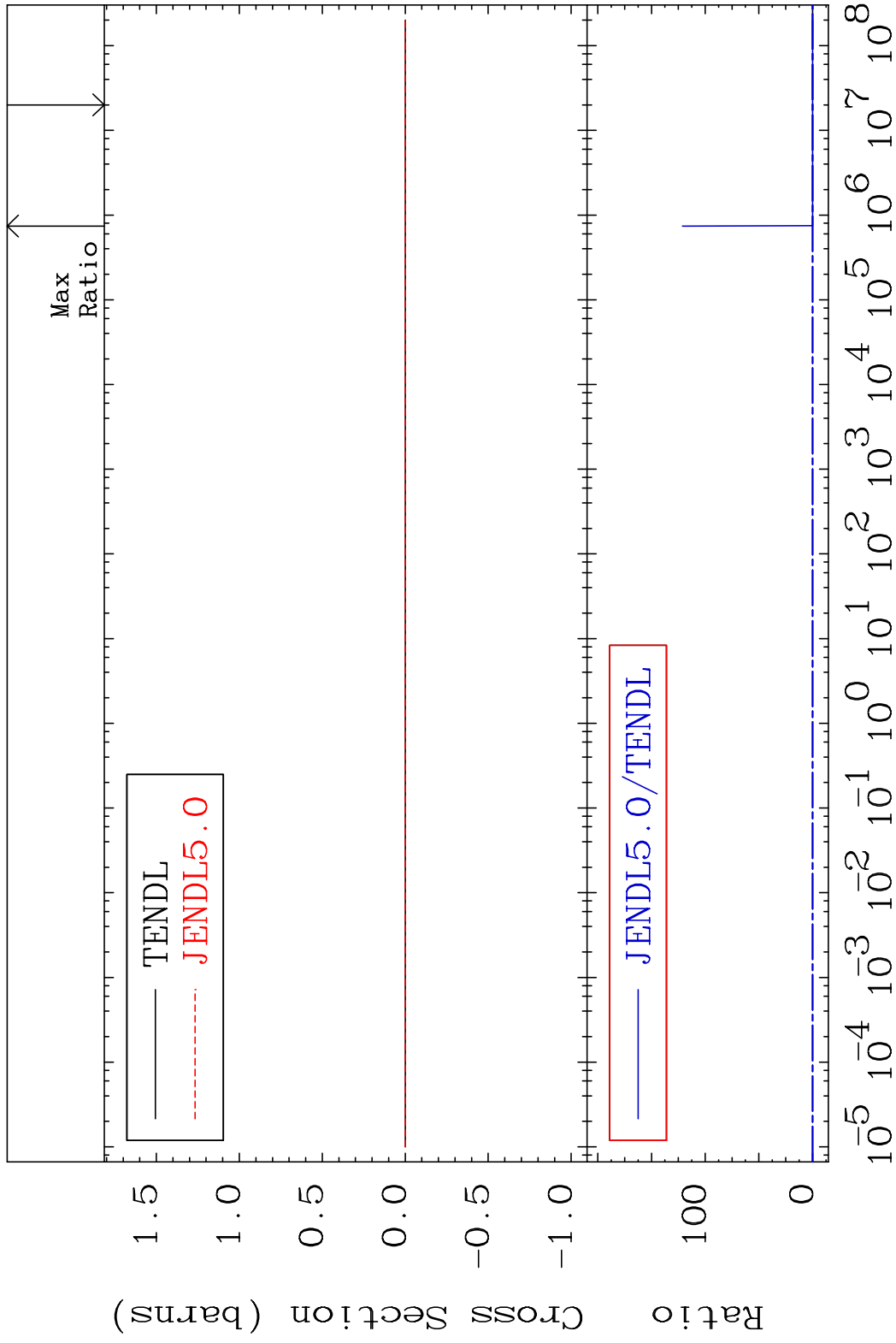


43 Incident Energy (eV) 42-Mo-98

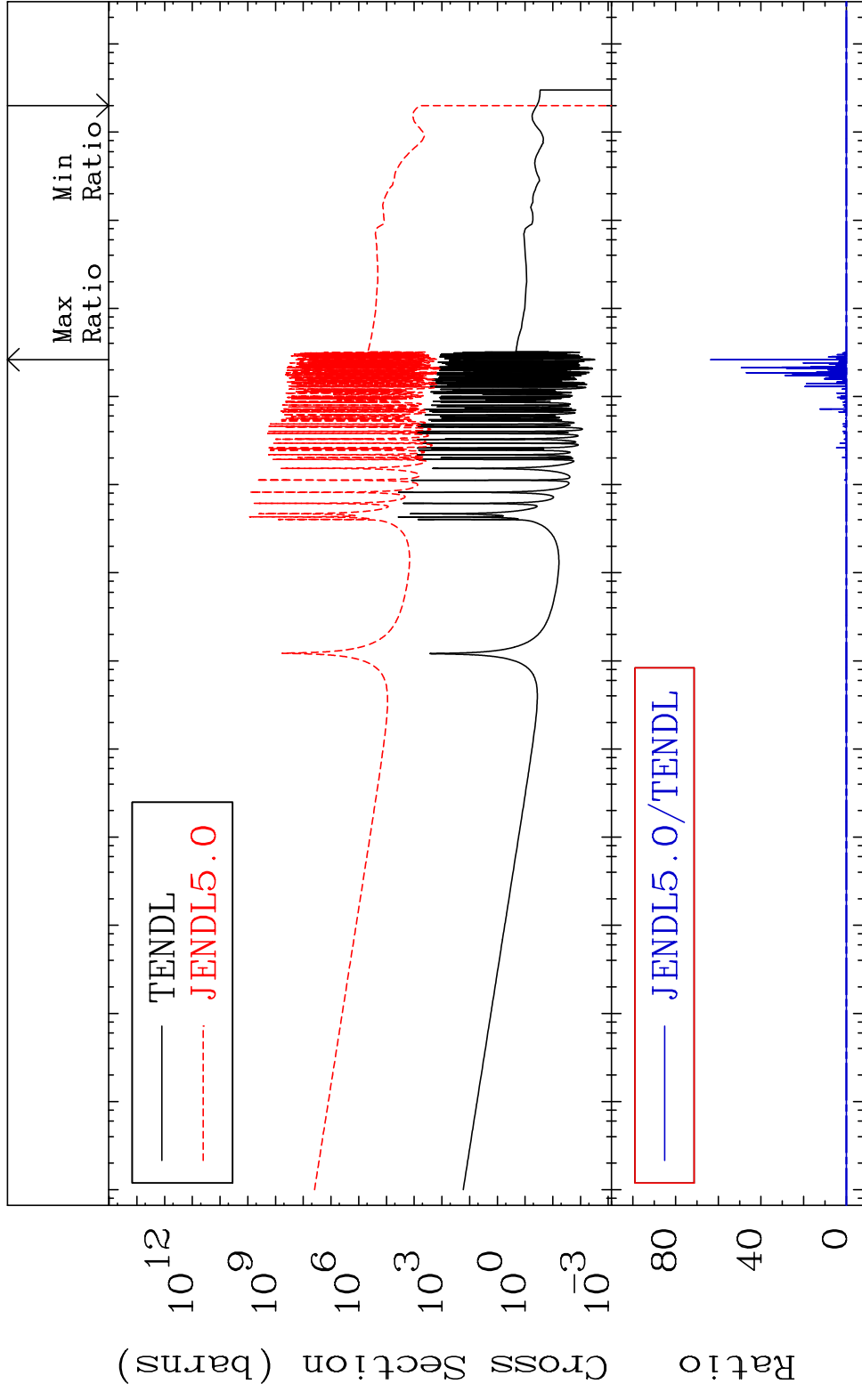
MAT 4243 Kerma inelastic (mt51-91) 42-Mo-98  
 Cross Section -100.0 To 9999. %



MAT 4243 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-98  
 Cross Section -100.0 To 9999. %

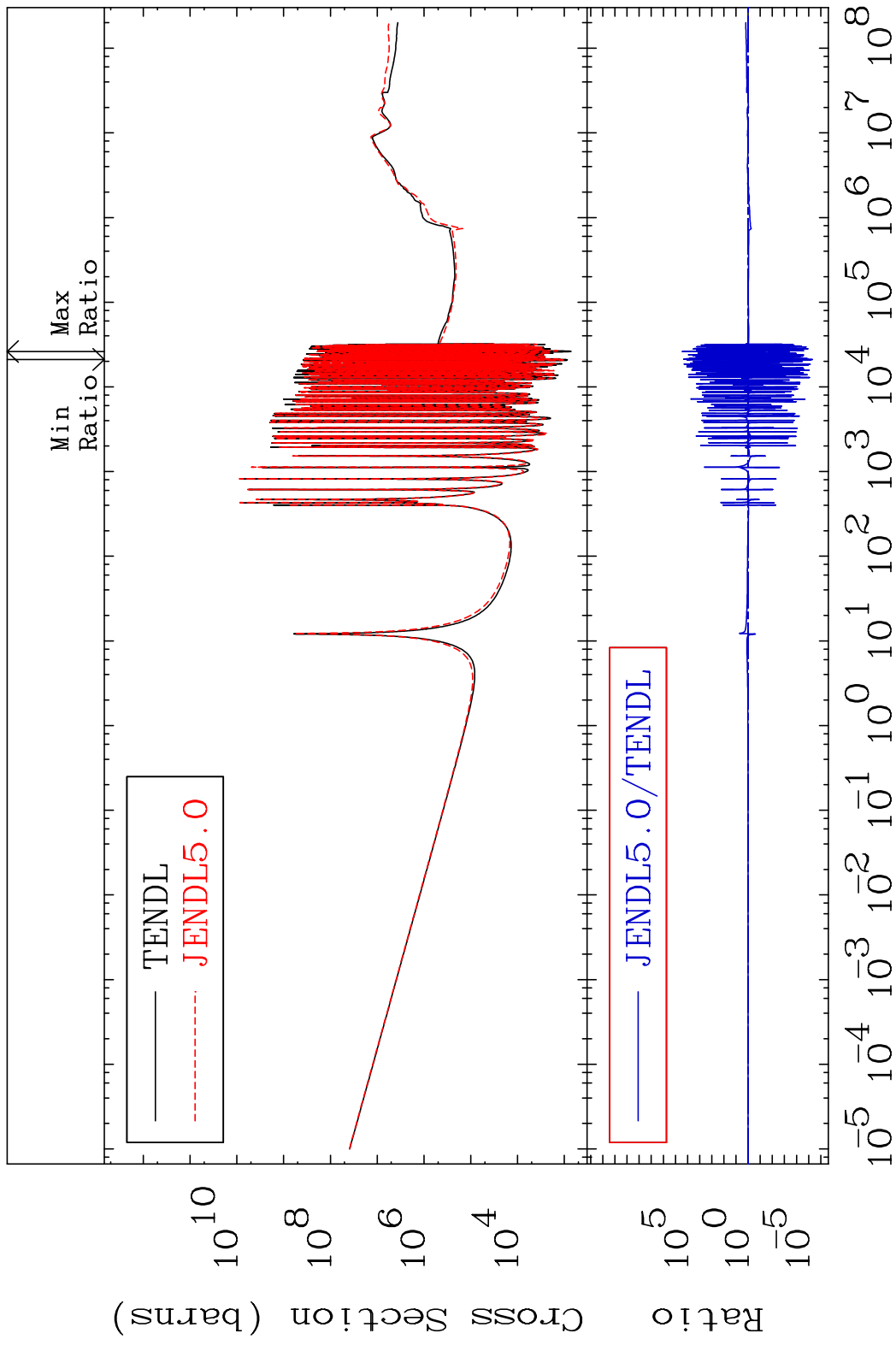


MAT 4243 Kerma capture (mt102) 42-Mo-98  
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 42-Mo-98

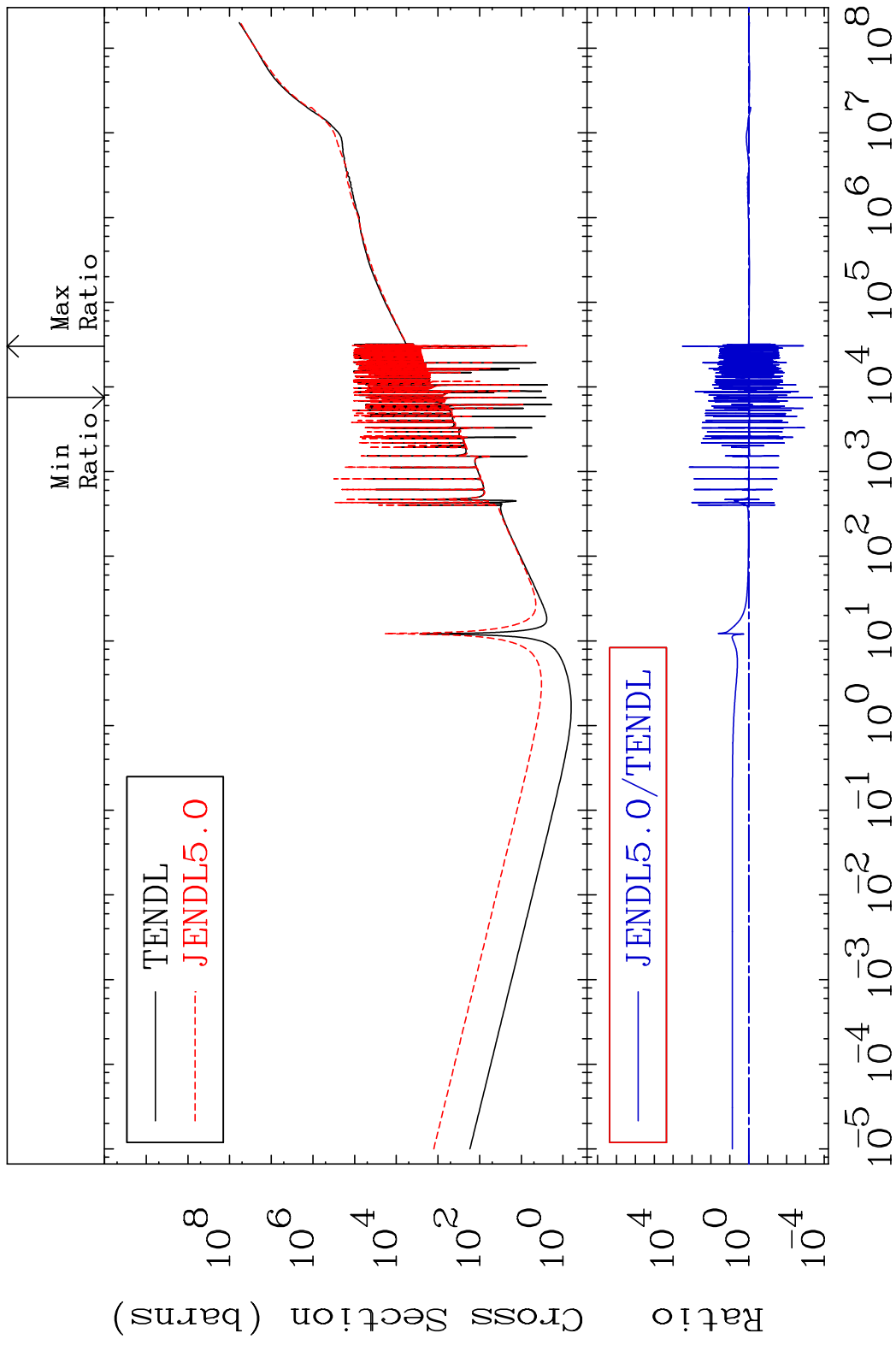
MAT 4243 Total photon (eV-barns) 42-Mo-98  
 Cross Section -100.0 To 9999. %



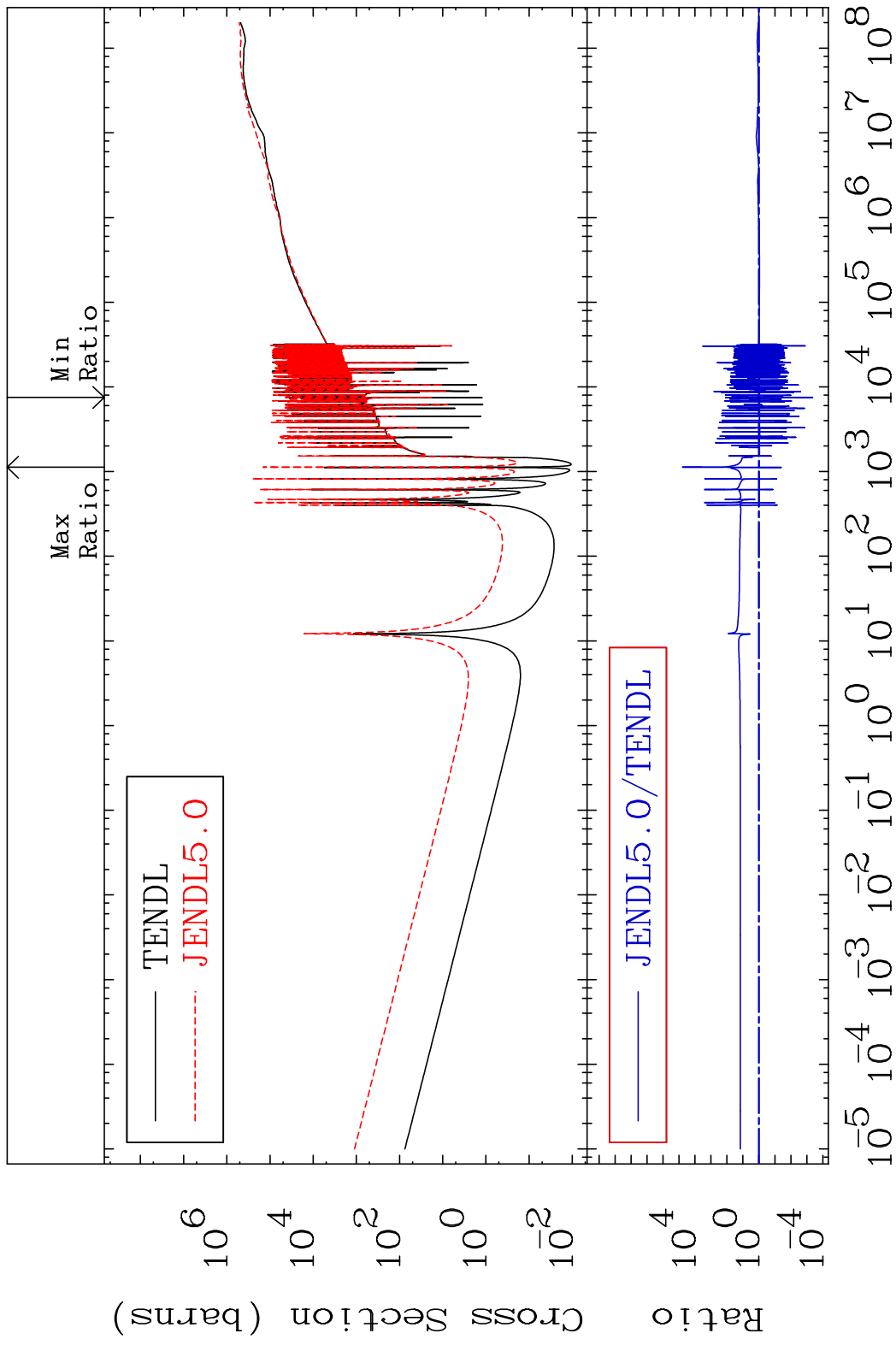
47 Incident Energy (eV) 42-Mo-98



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

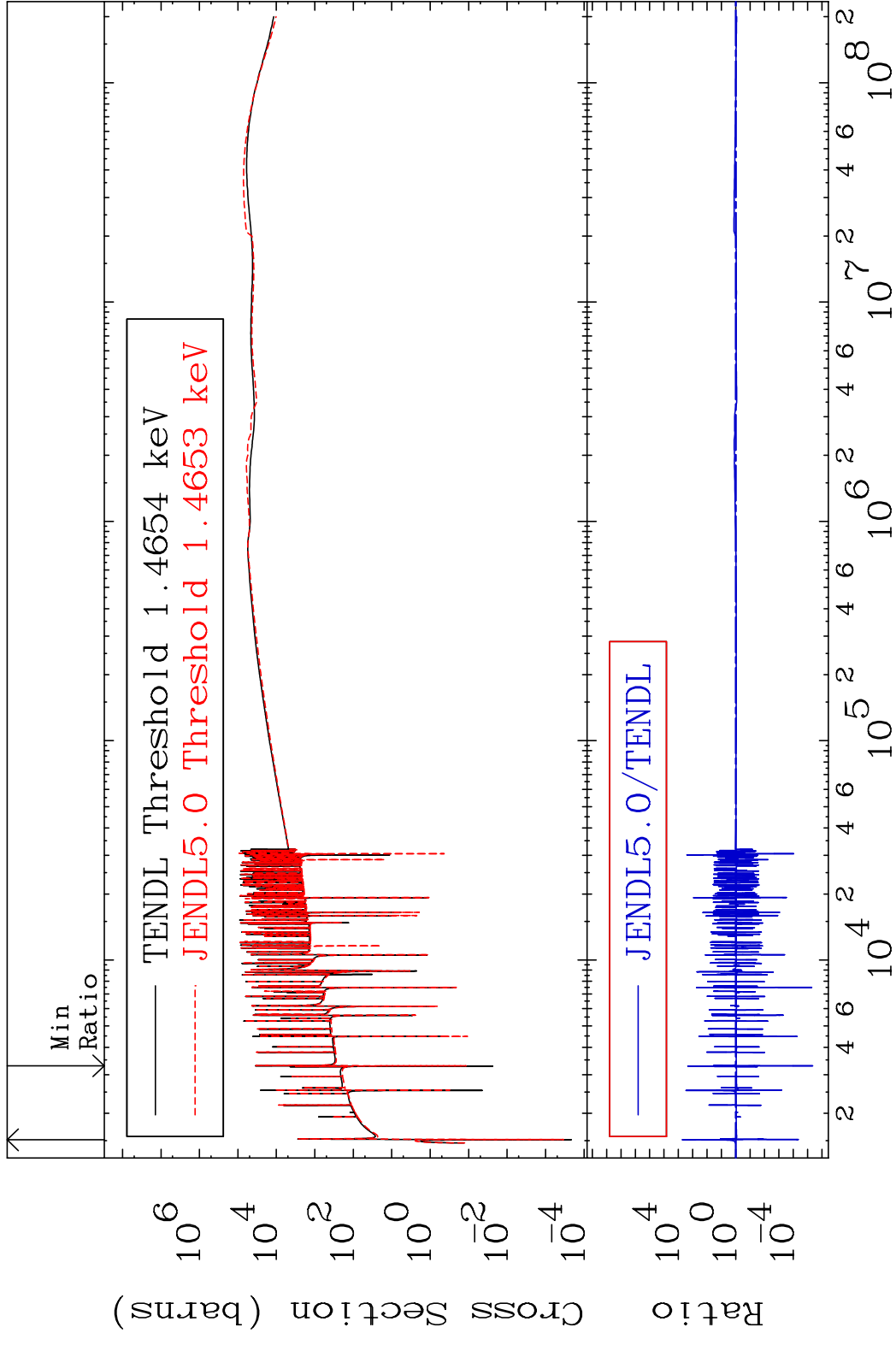


MAT 4243 Dpa total (eV-barns) 42-Mo-98  
 Cross Section -99.96 To 9999. %

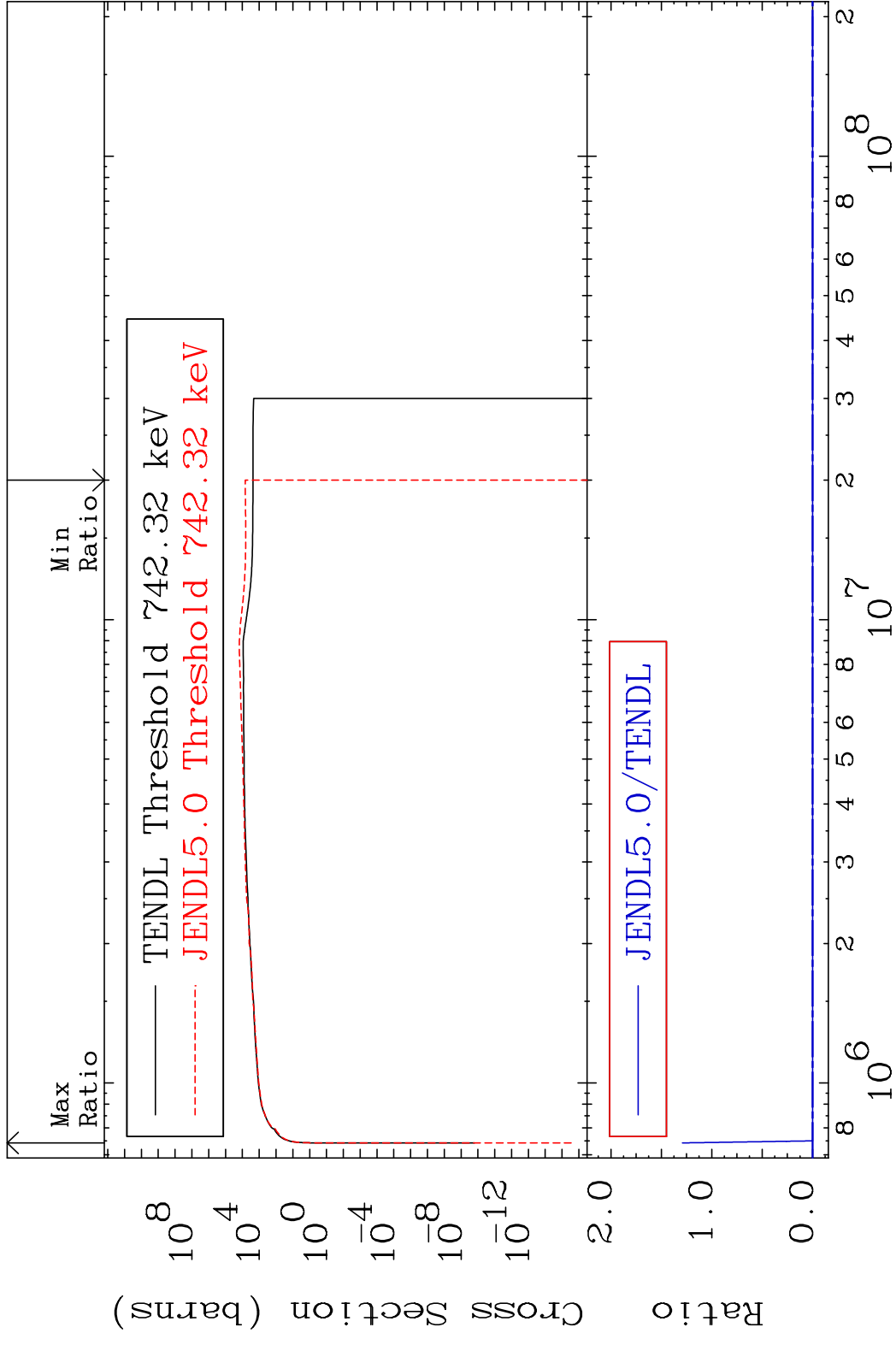


49 Incident Energy (eV) 42-Mo-98

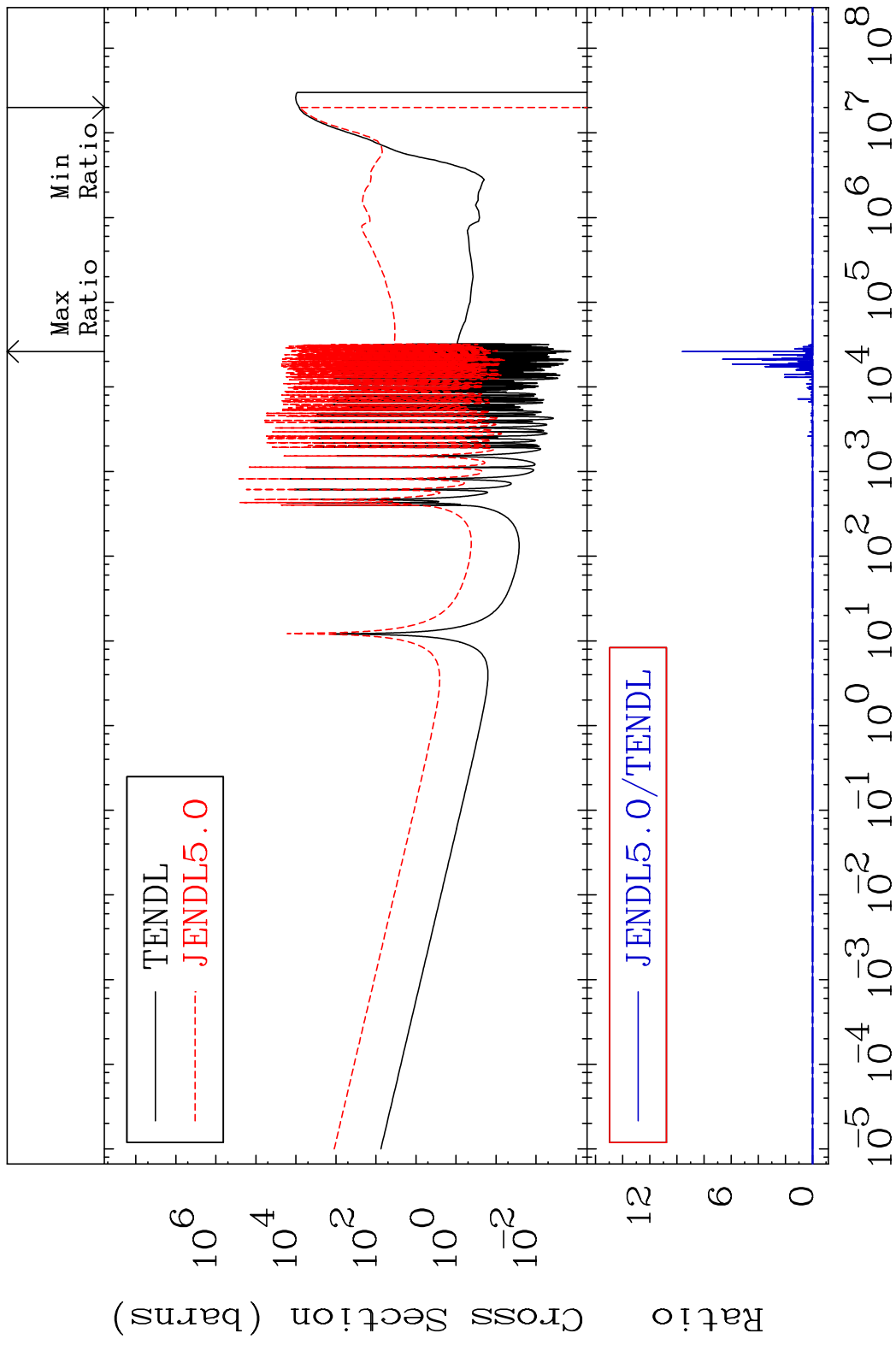
MAT 4243 Dpa elastic (mt2) 42-Mo-98  
 Cross Section -100.0 To 9999. %

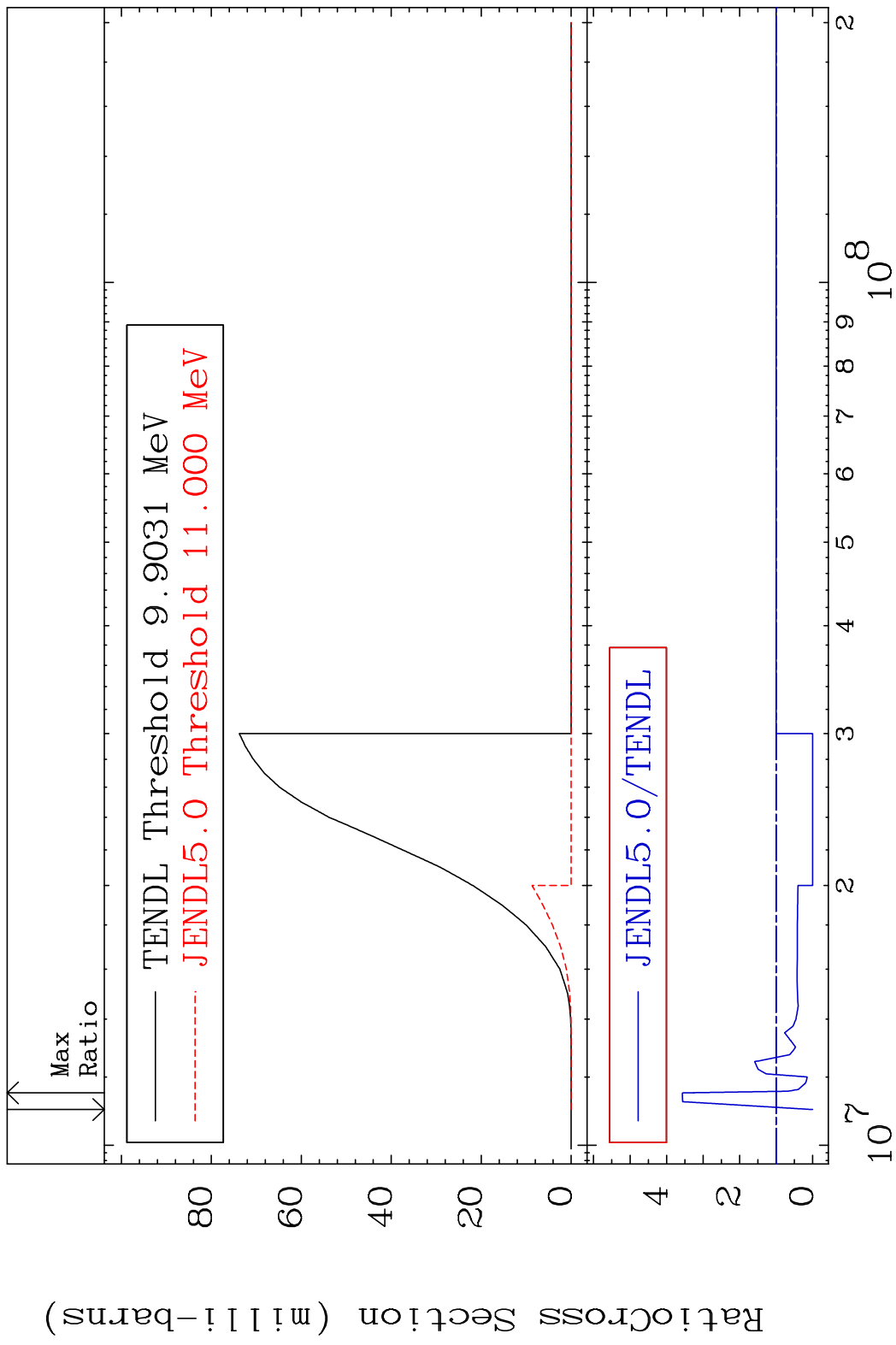


MAT 4243 Dpa inelastic (mt51-91) 42-Mo-98  
 Cross Section -100.0 To 9999. %



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





MAT 4243 (n, n') p:41-Nb-97m1 42-Mo-98  
 Radionuclide Production Cross Section Ratio 95.20 %

