

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

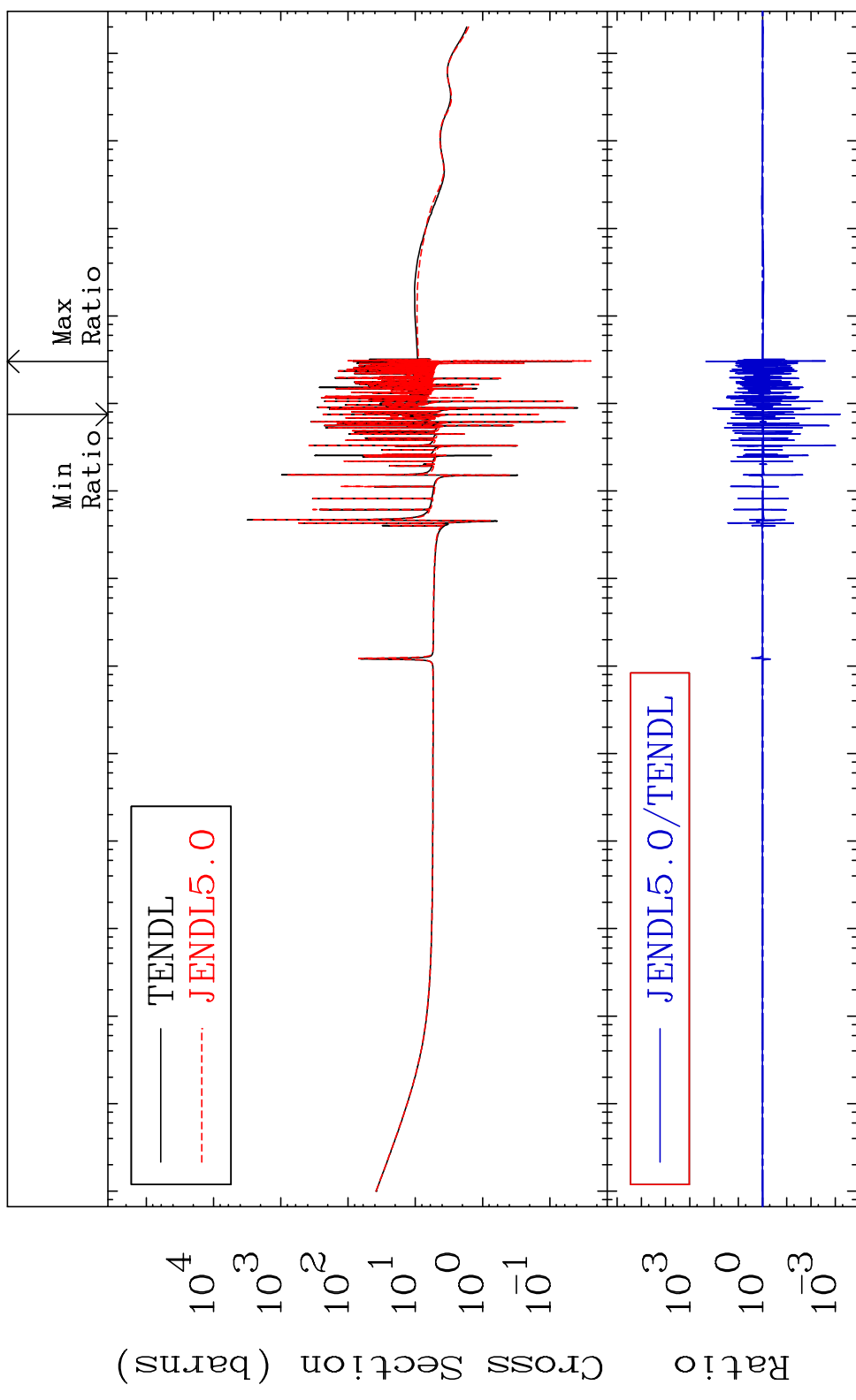
MAT 4243

Total

42-Mo-98

Cross Section

-99.94 To 9999. %



Min Ratio

Max Ratio

TENDL
JENDL5.0

JENDL5.0/TENDL

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

42-Mo-98

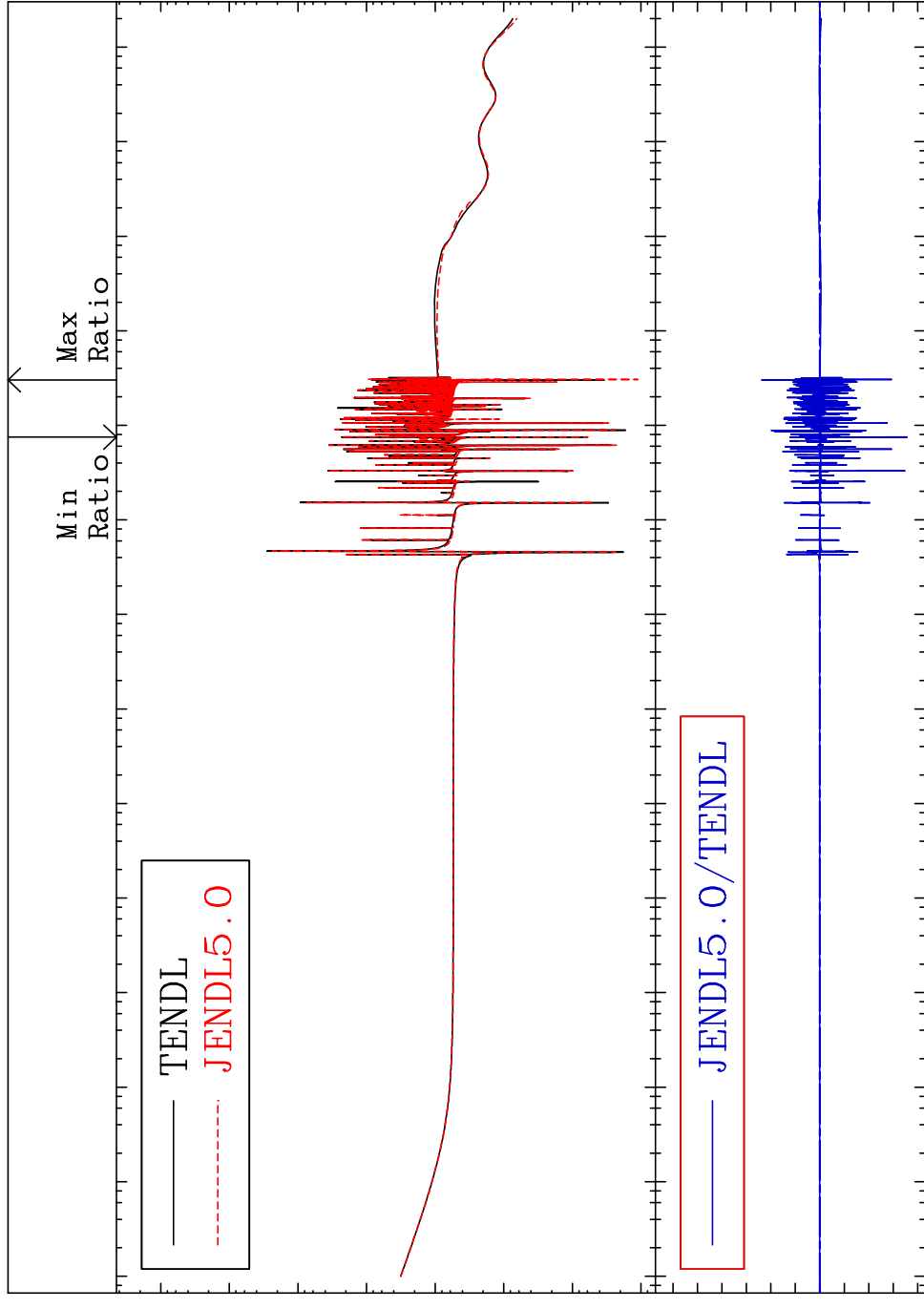
MAT 4243

Elastic

42-Mo-98

Cross Section

-99.97 To 9999. %



Cross Section (barns)

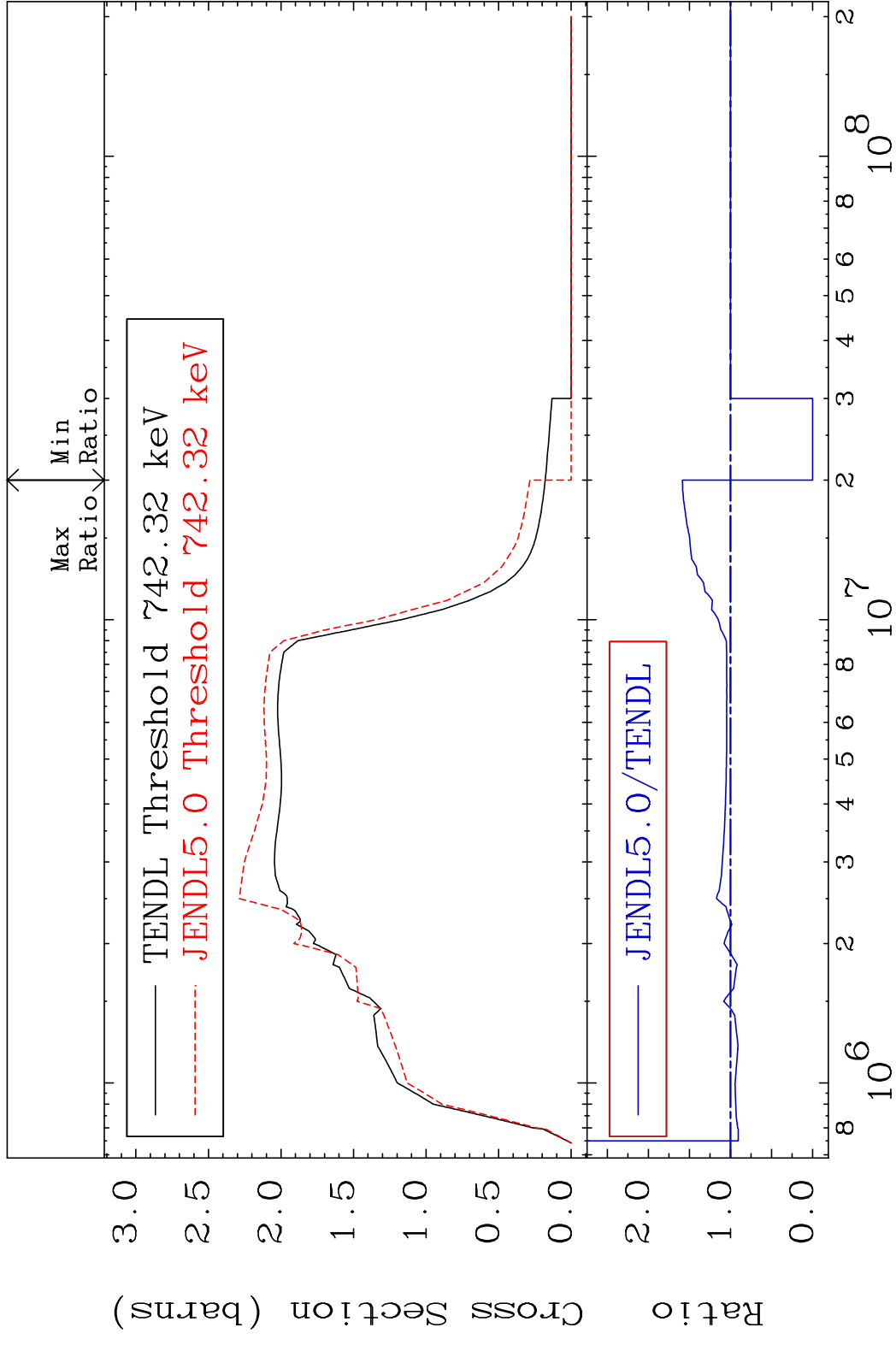
Ratio

Incident Energy (eV)

2

42-Mo-98

MAT 4243 Inelastic Cross Section -100.0 To 58.68 % 42-Mo-98



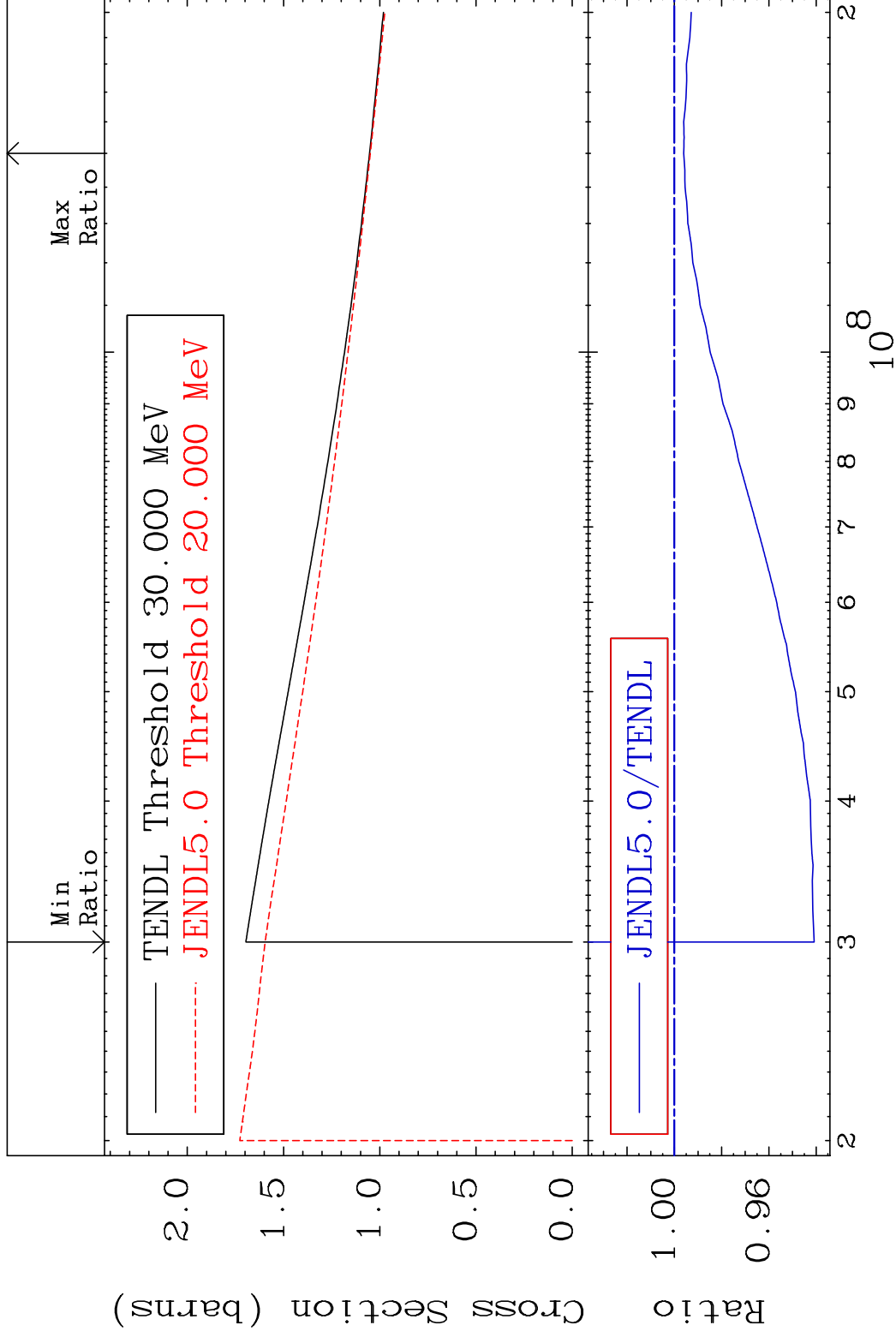
3 Incident Energy (eV) 42-Mo-98

MAT 4243

(n, remainder)

42-Mo-98

Cross Section -5.914 To -0.393%



4

Incident Energy (eV)

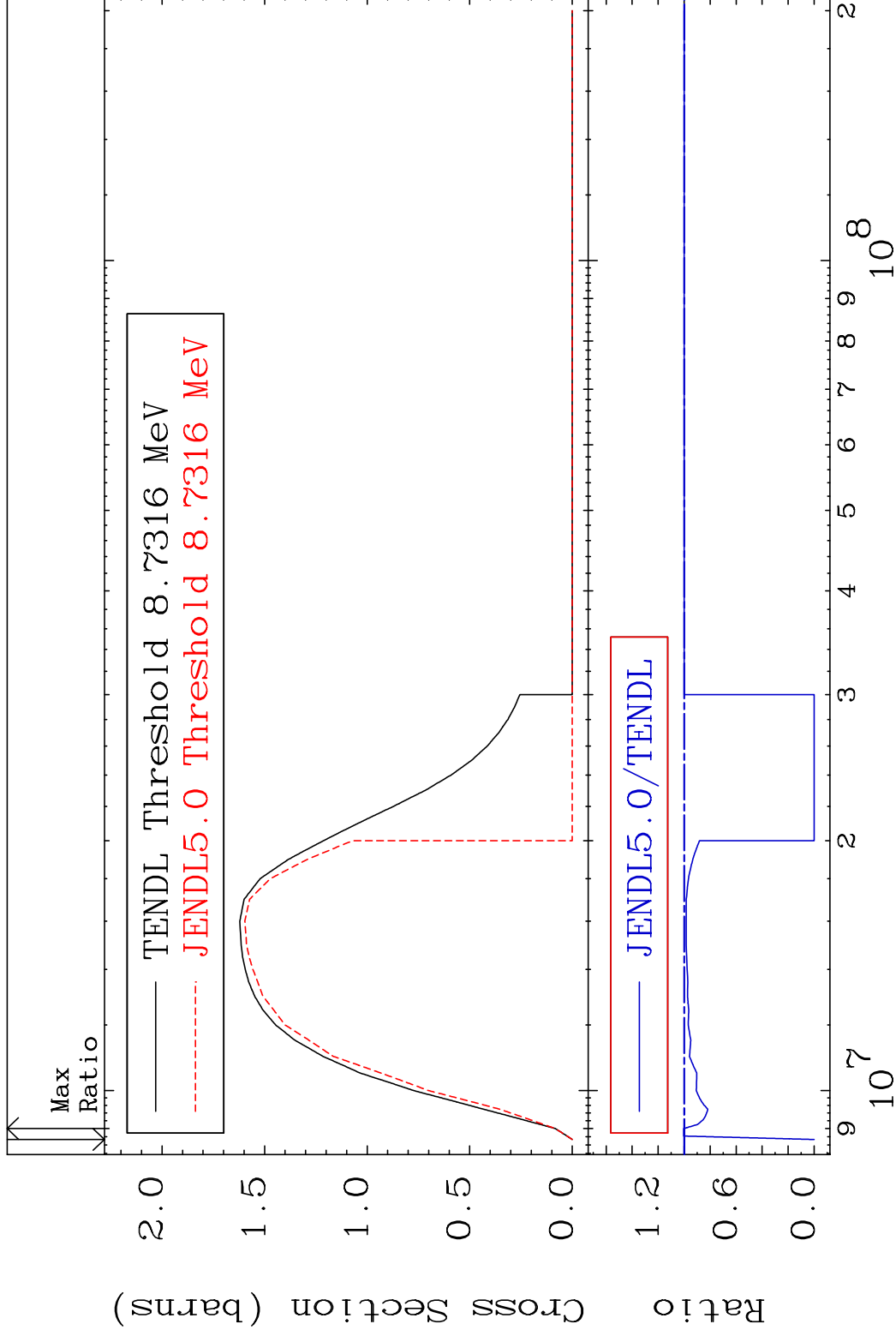
42-Mo-98

MAT 4243

(n,2n)

42-Mo-98

Cross Section -100.0 To 0.378 %

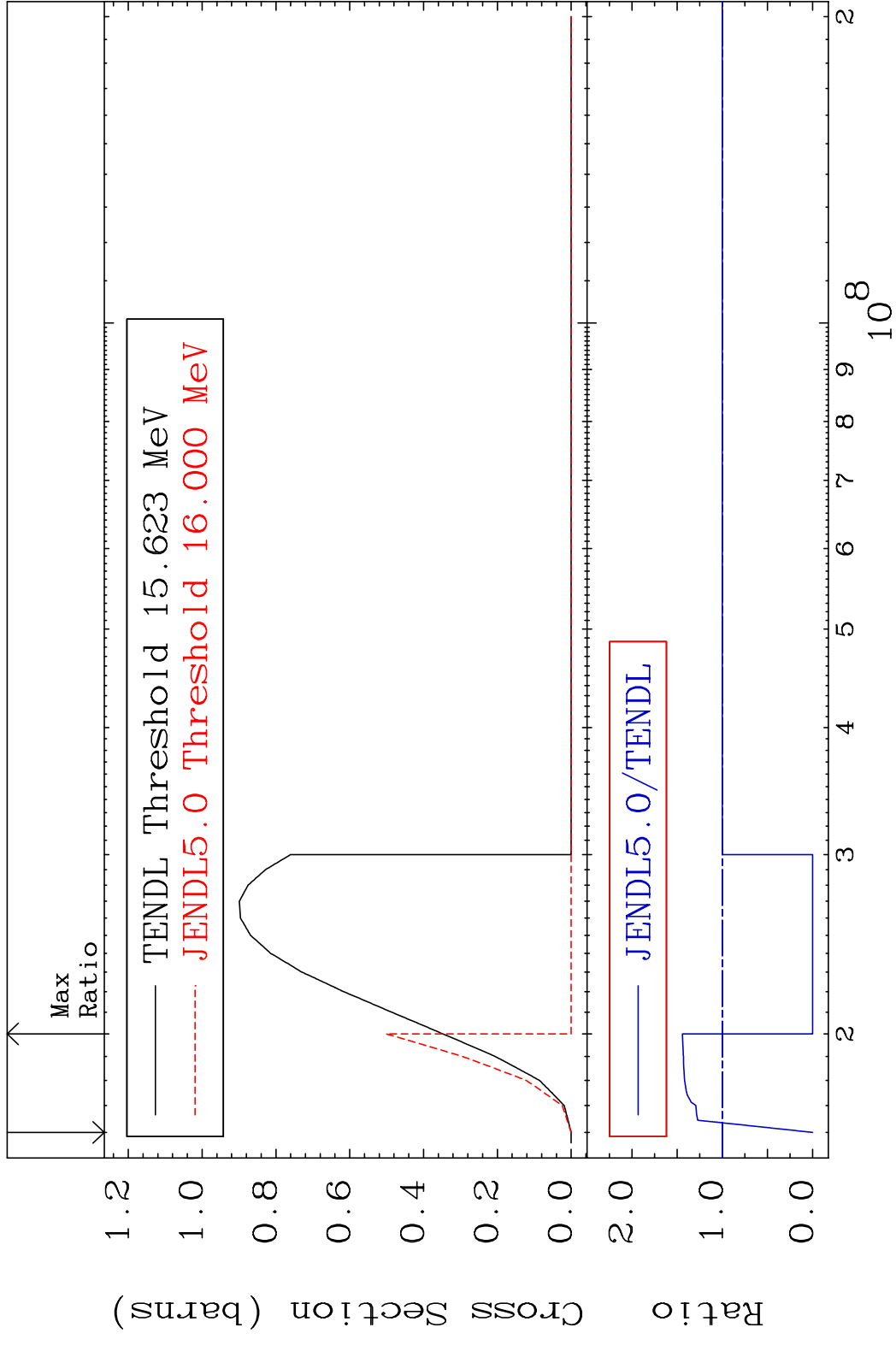


5

Incident Energy (eV)

42-Mo-98

MAT 4243 (n,3n) 42-Mo-98
 Cross Section -100.0 To 44.13 %

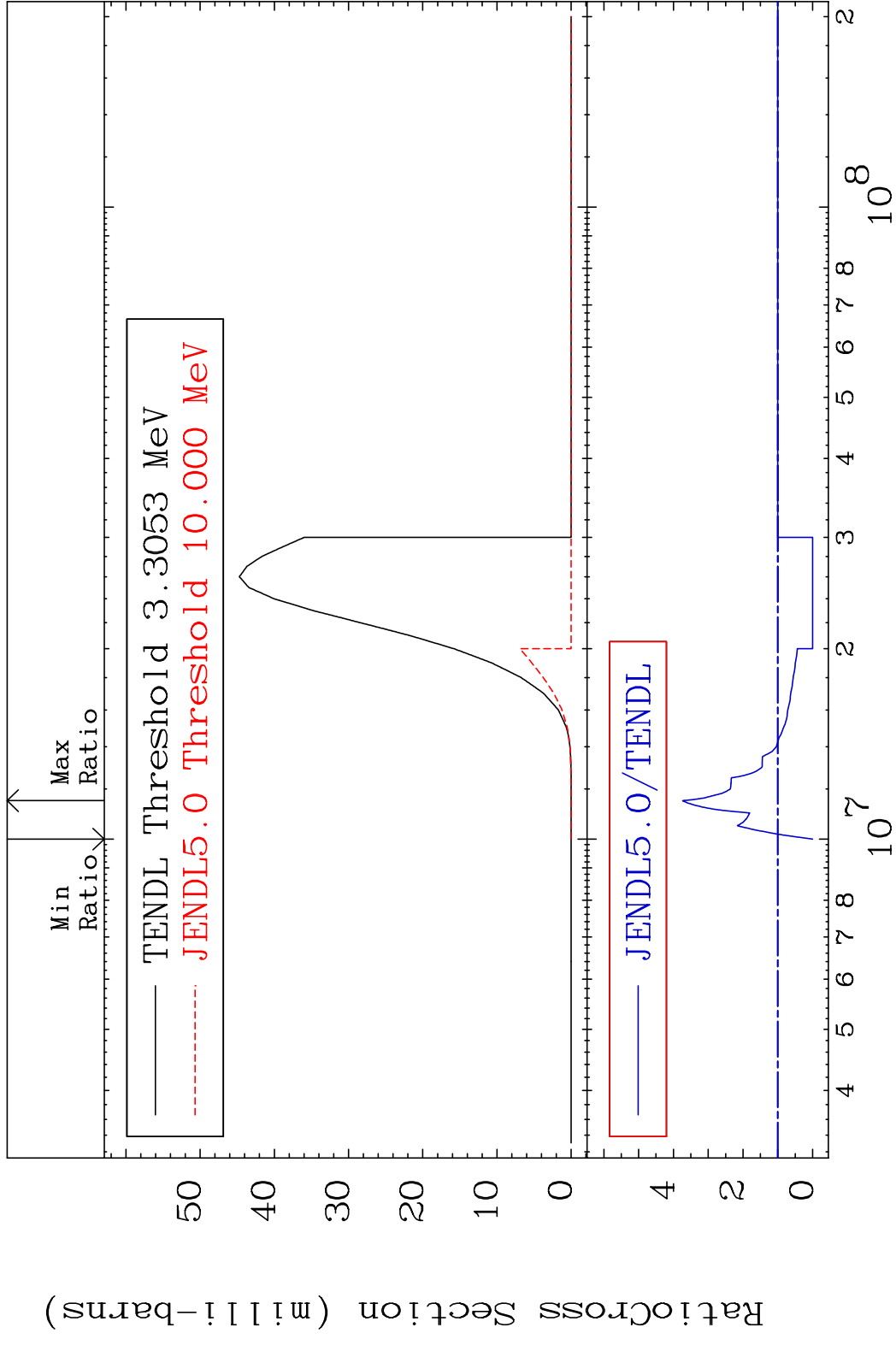


MAT 4243

(n, n') α

42-Mo-98

Cross Section -100.0 To 274.4 %

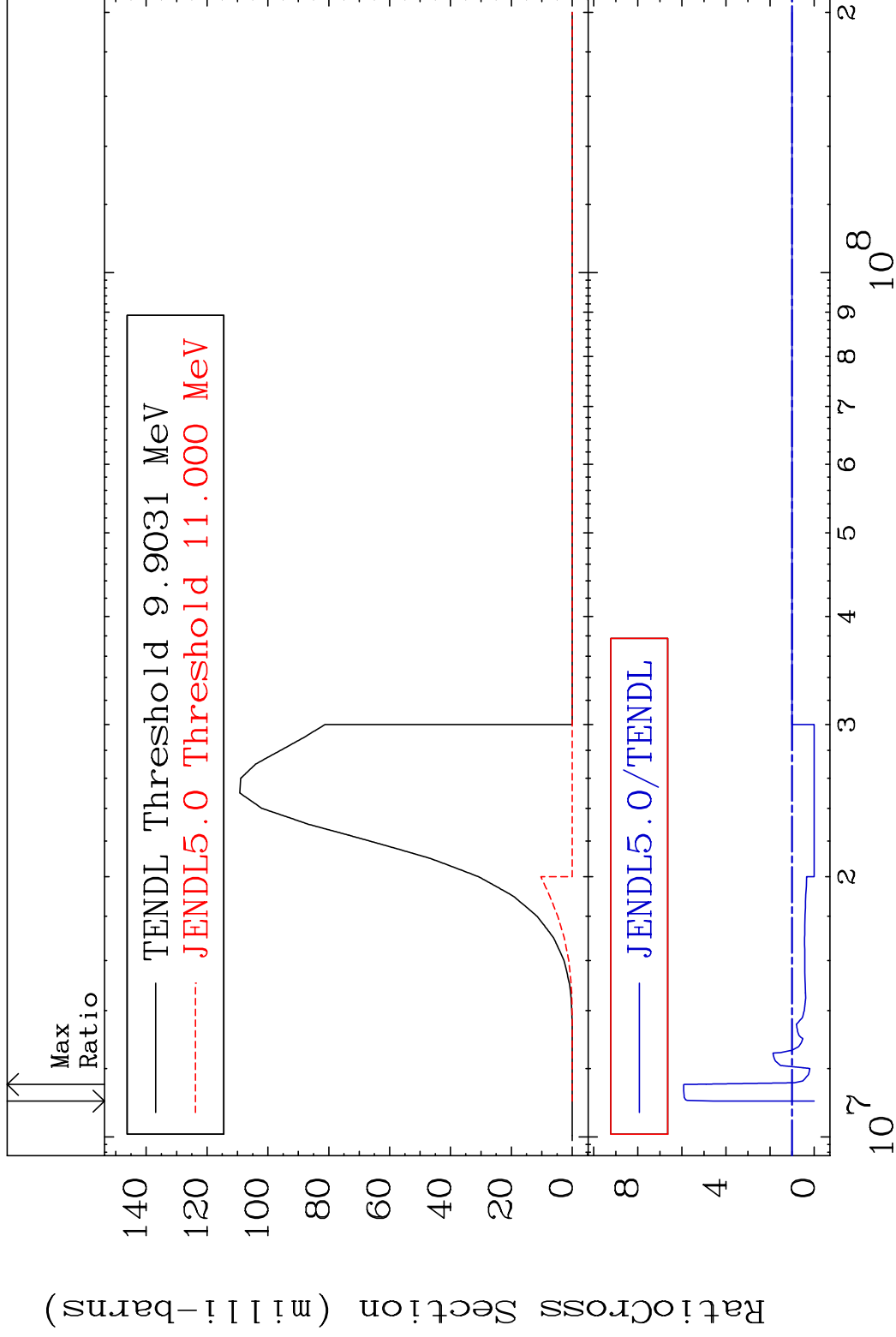


MAT 4243

(n, n') p

42-Mo-98

Cross Section -100.0 To 492.0 %

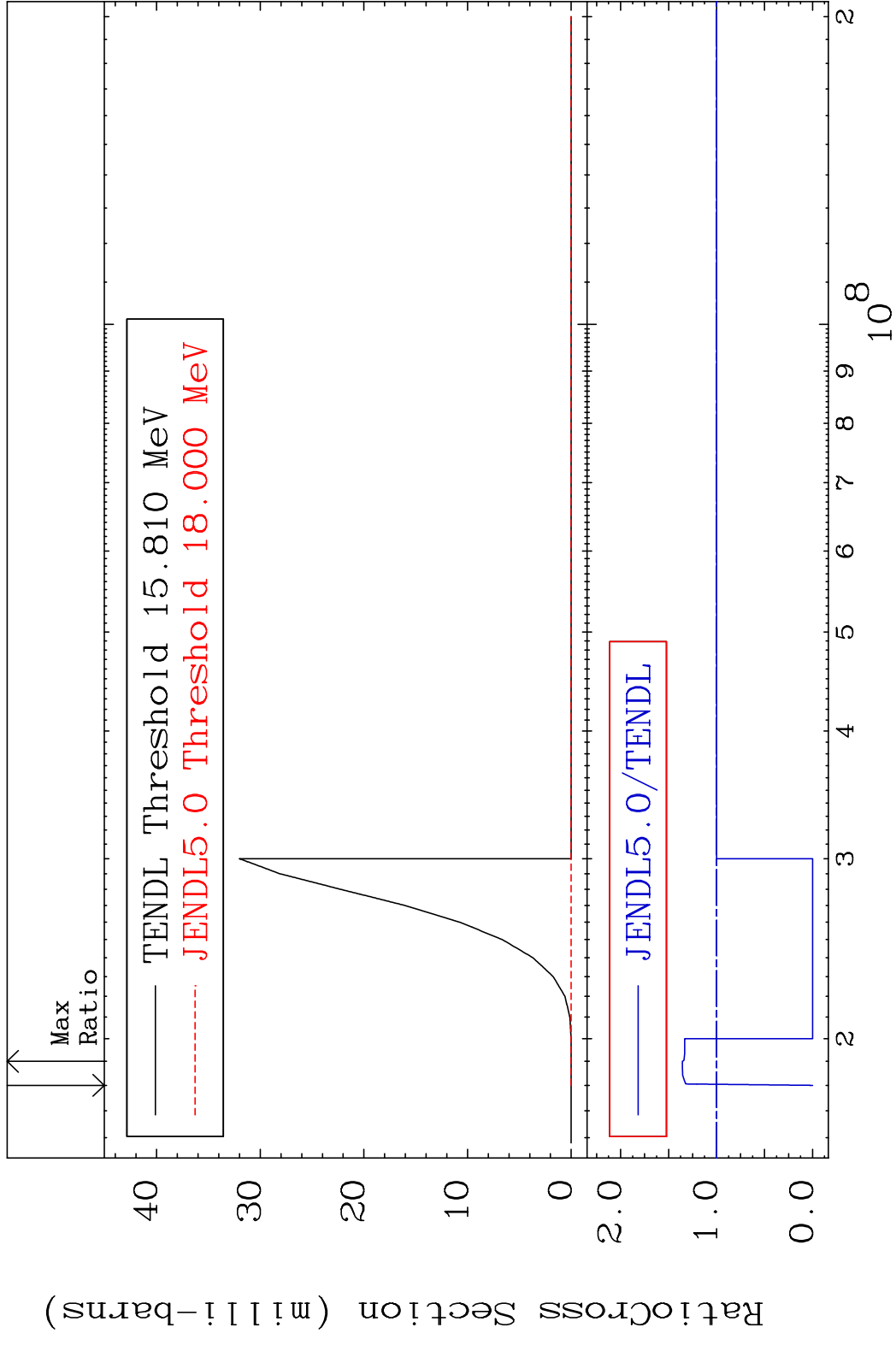


8

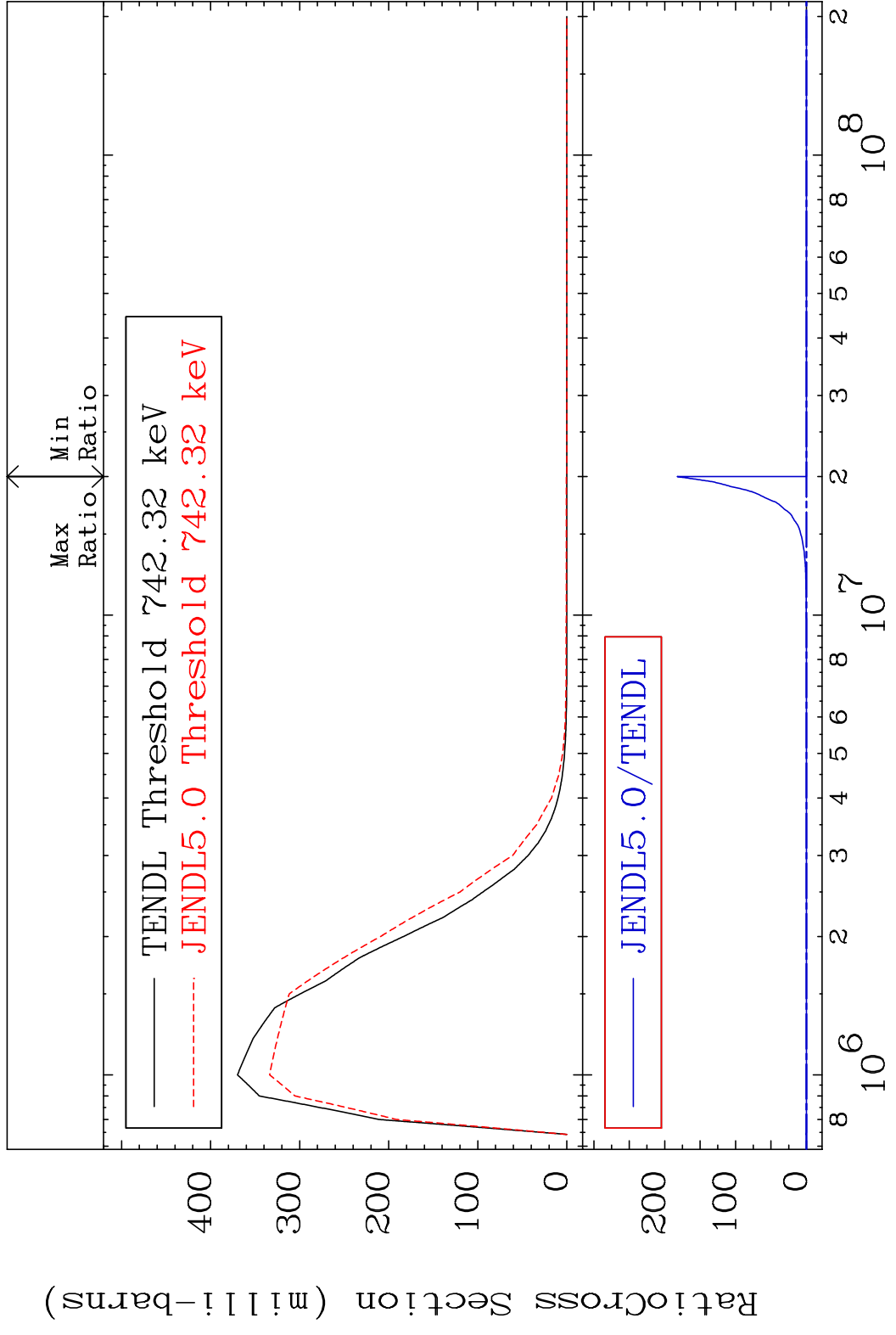
Incident Energy (eV)

42-Mo-98

MAT 4243 (n, n') d 42-Mo-98
 Cross Section -100.0 To 35.66 %

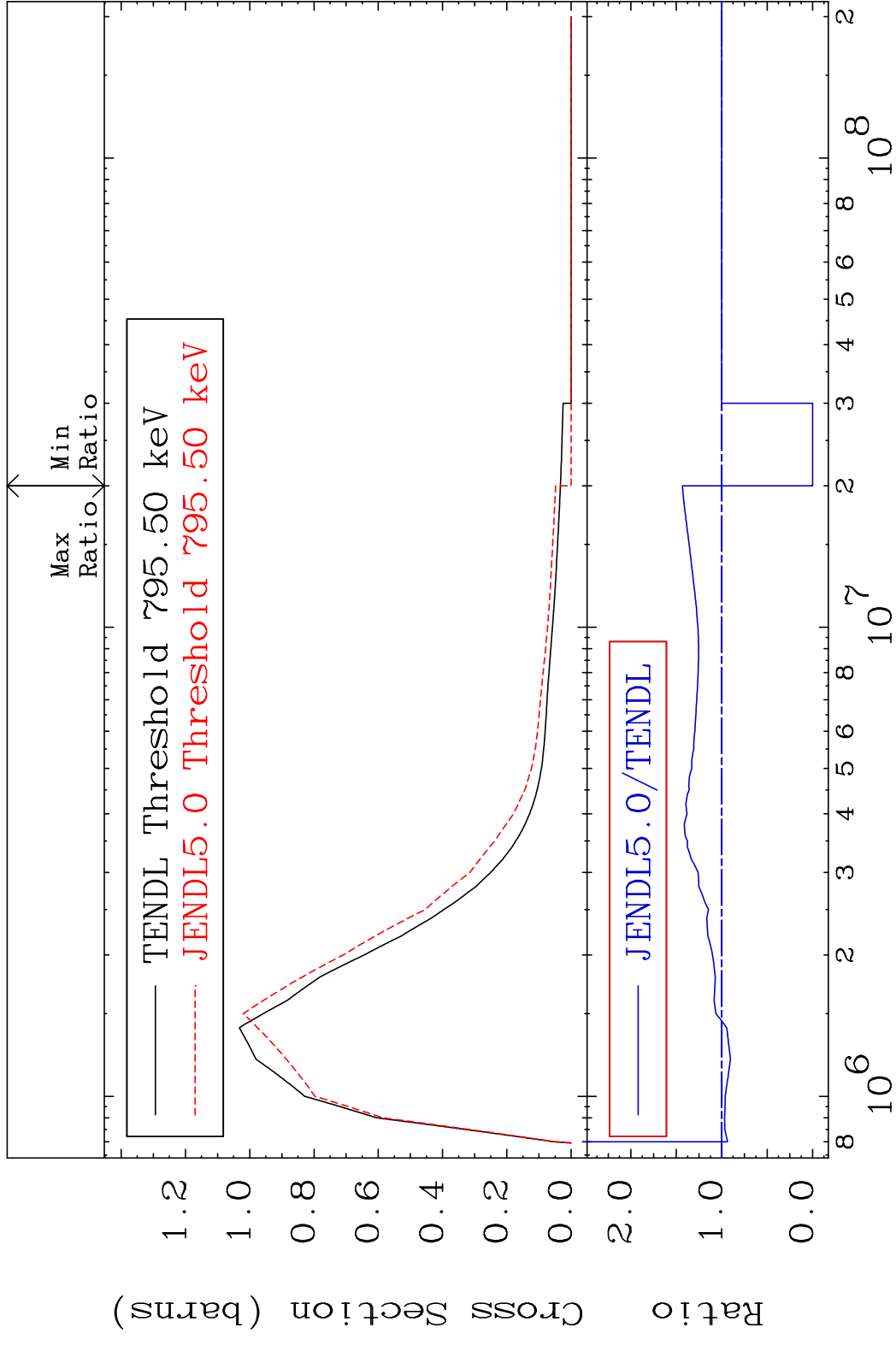


MAT 4243 MT= 51 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 9999. %

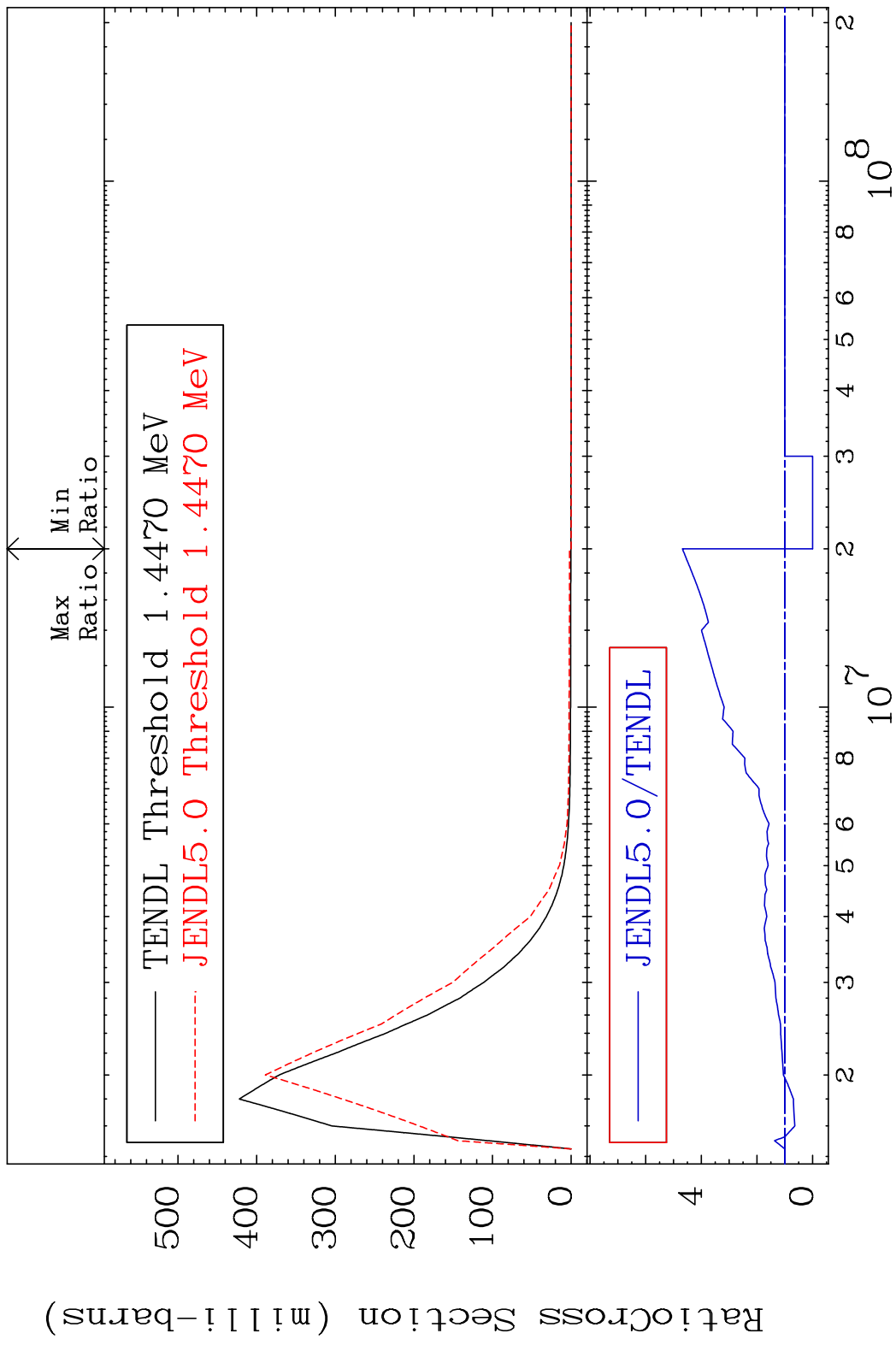


10 8 6 7 8 2 3 4 5 6 8 10 2 42-Mo-98

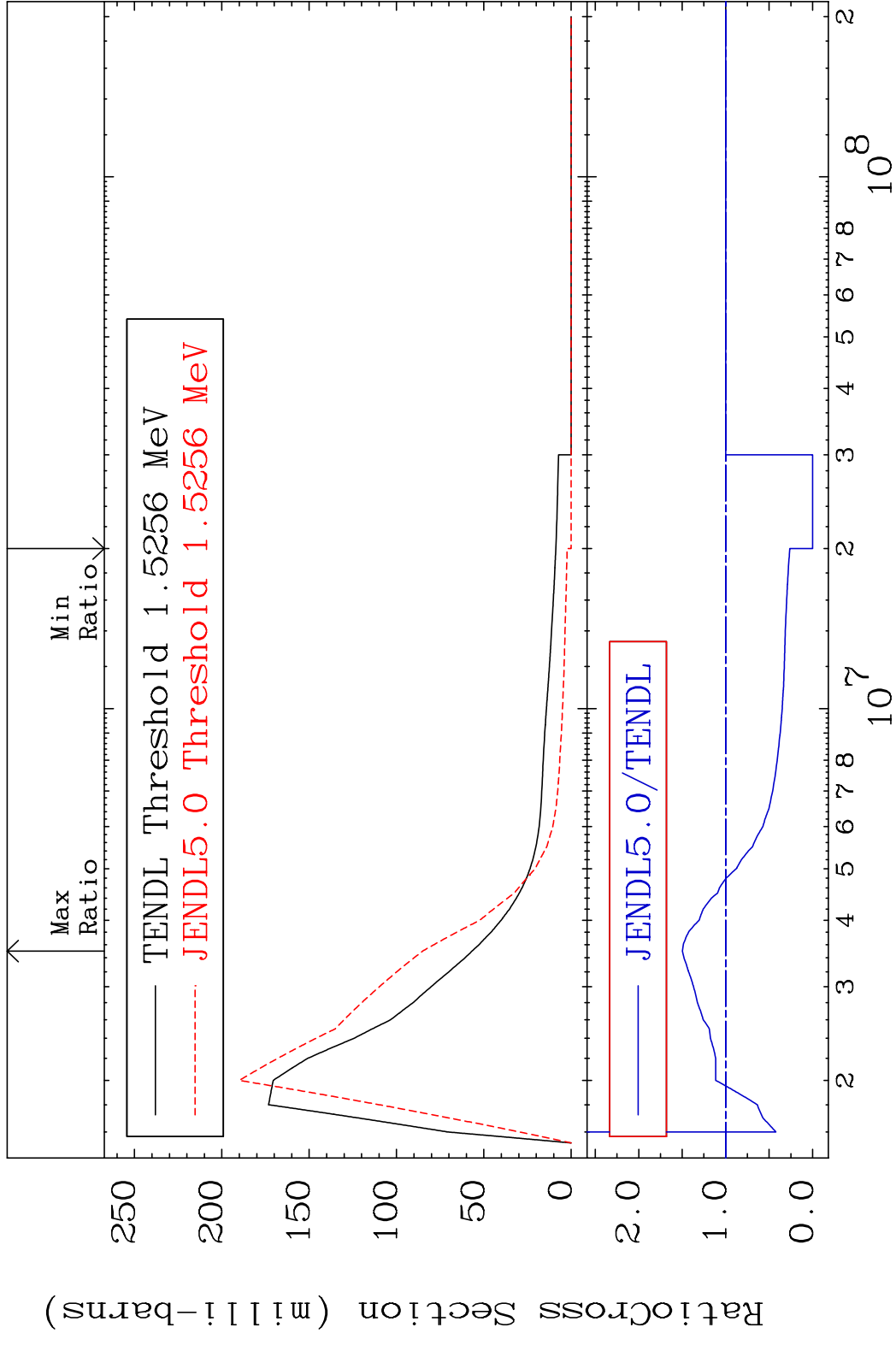
MAT 4243 MT= 52 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 43.34 %



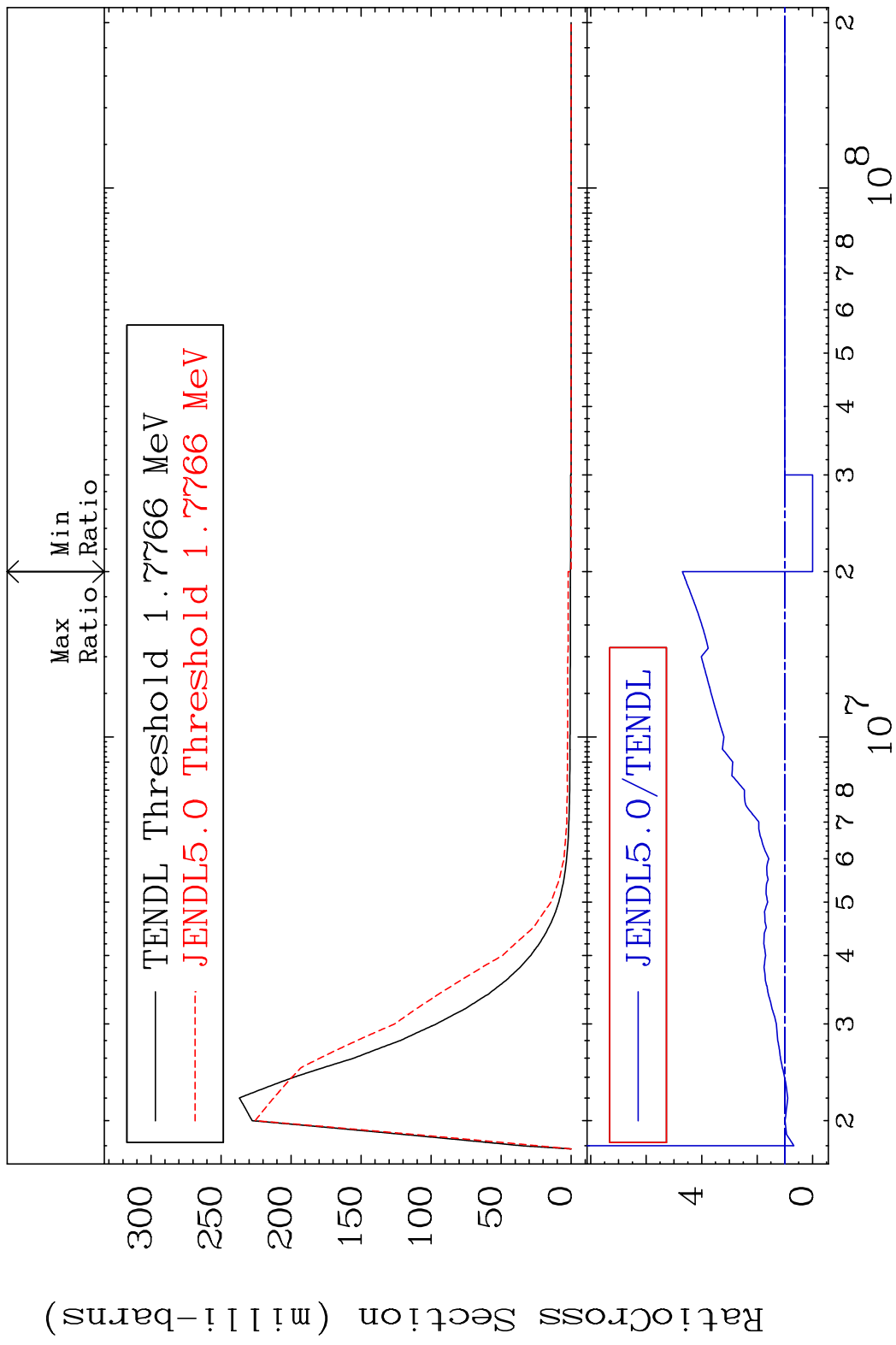
MAT 4243 MT= 53 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 368.2 %



MAT 4243 MT= 54 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 49.80 %

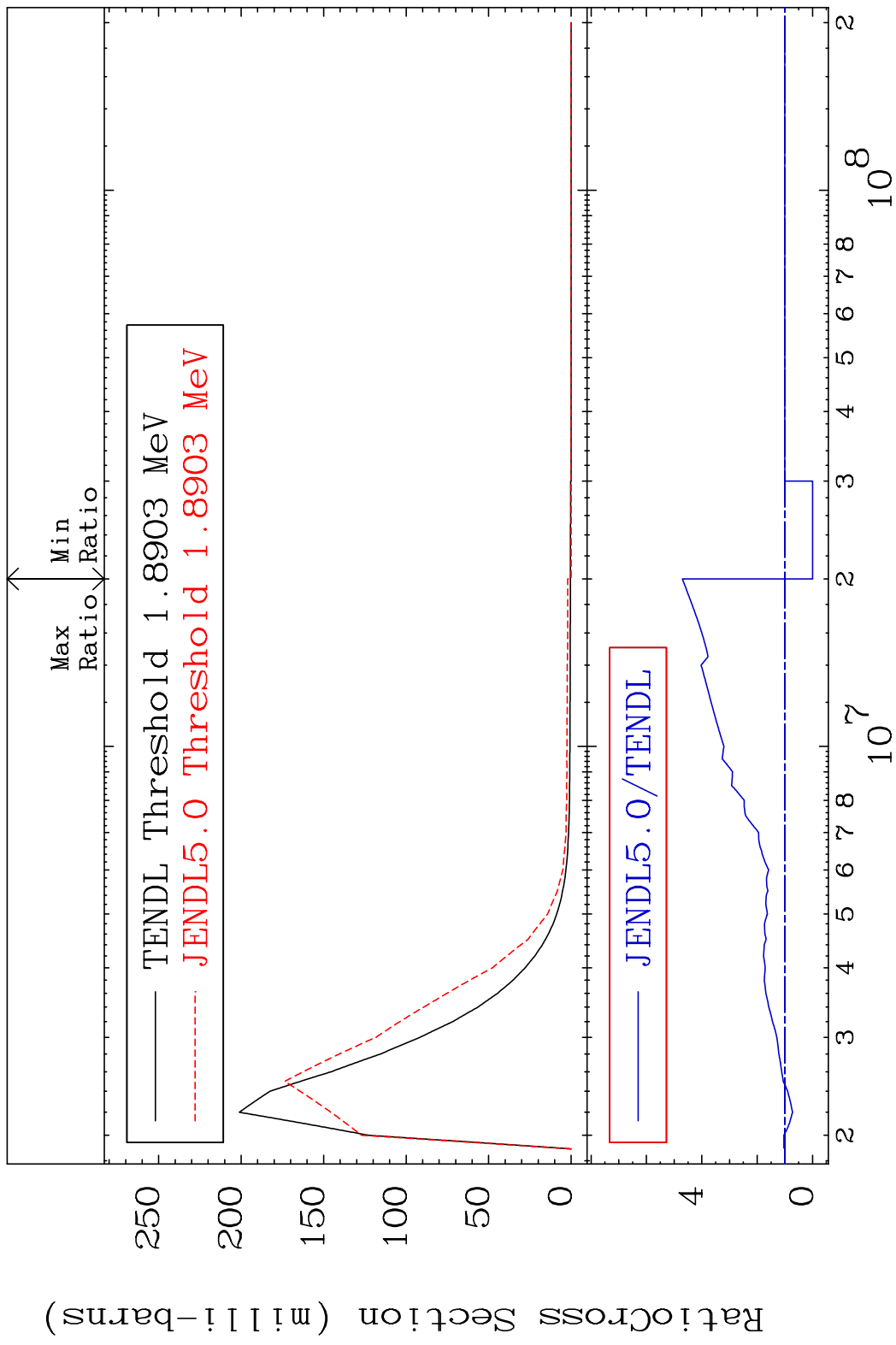


MAT 4243 MT= 55 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 369.7 %



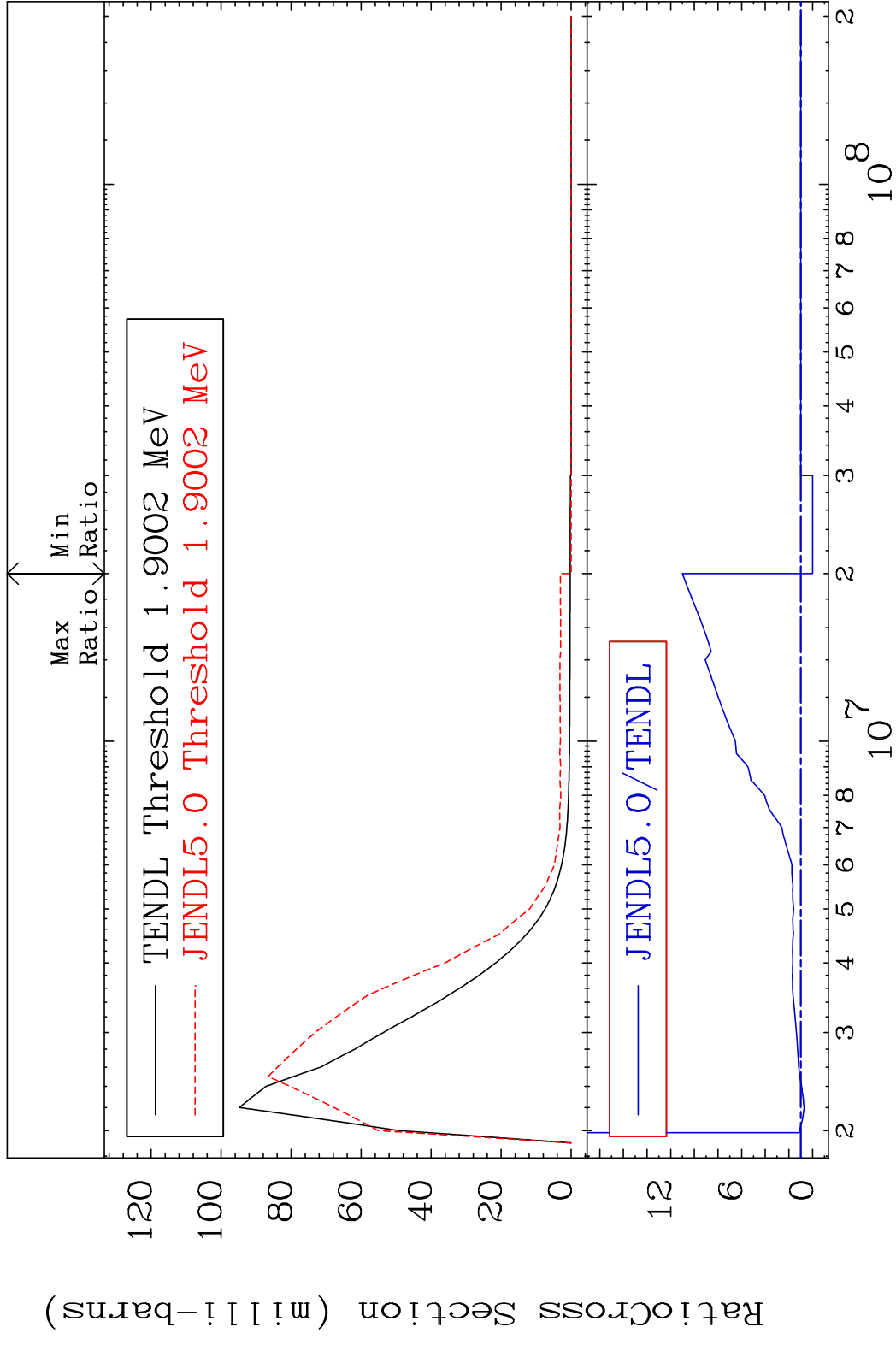
14 Incident Energy (eV) 42-Mo-98

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



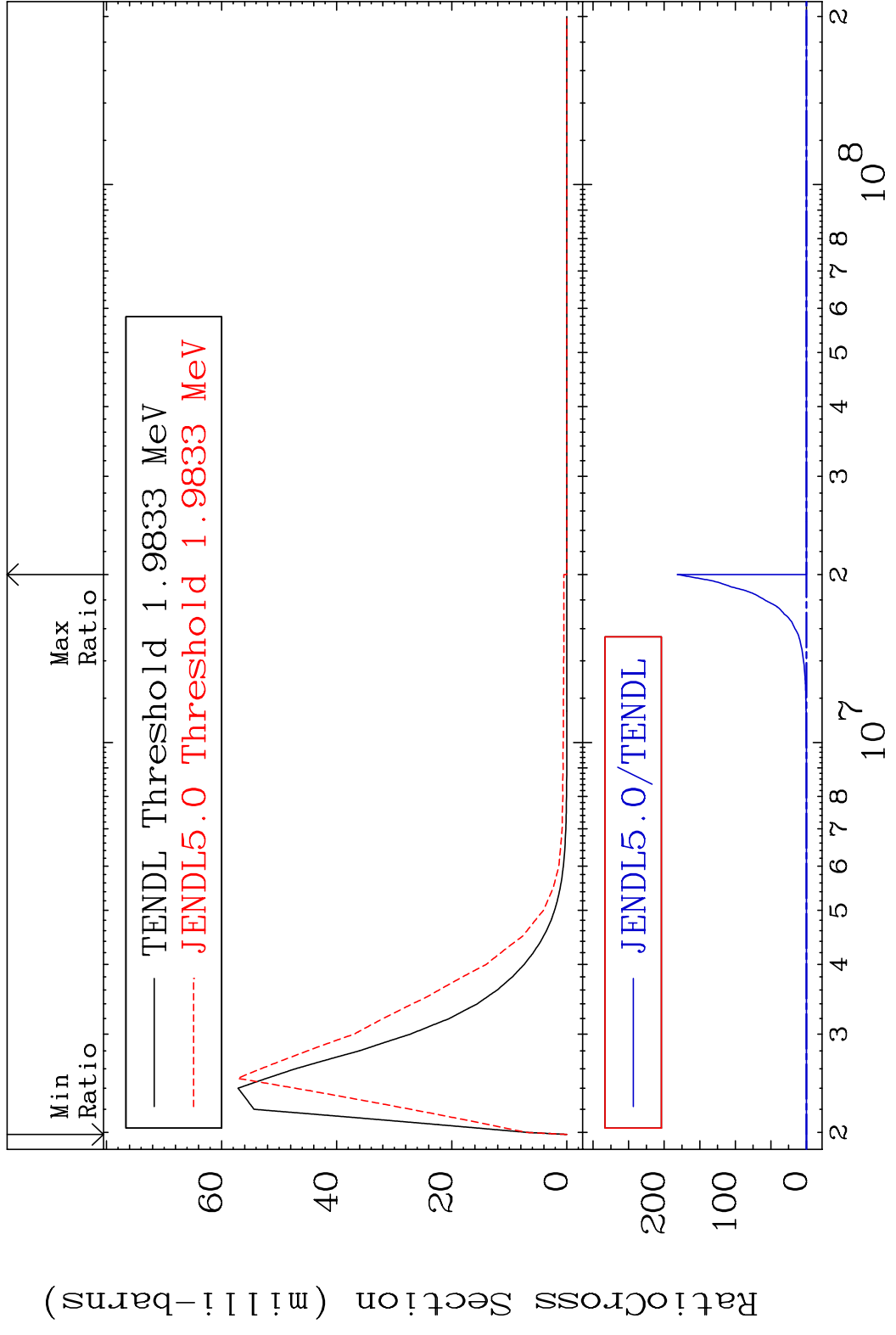
15 Incident Energy (eV) 42-Mo-98

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

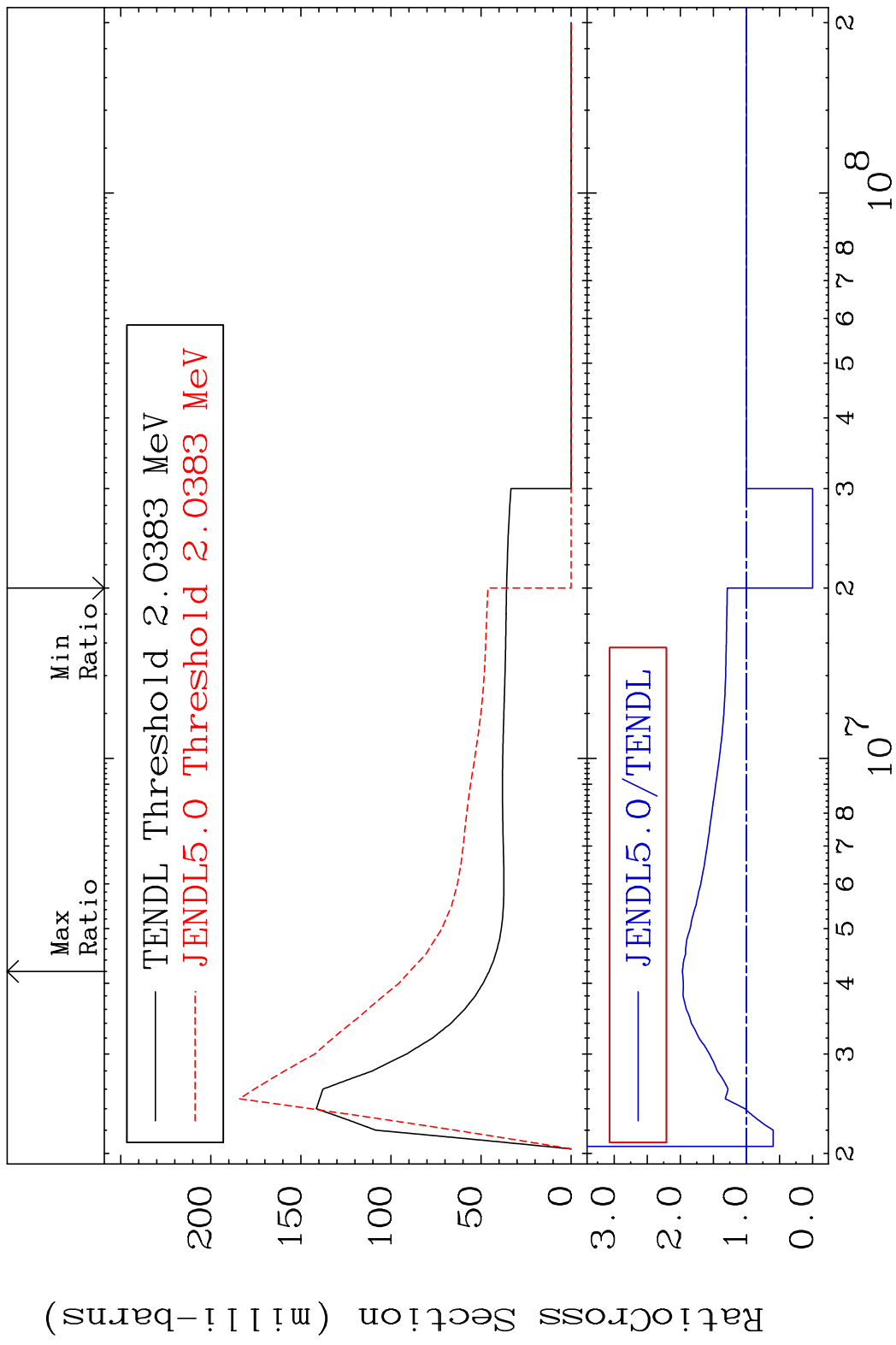


16 16 Incident Energy (eV) 42-Mo-98

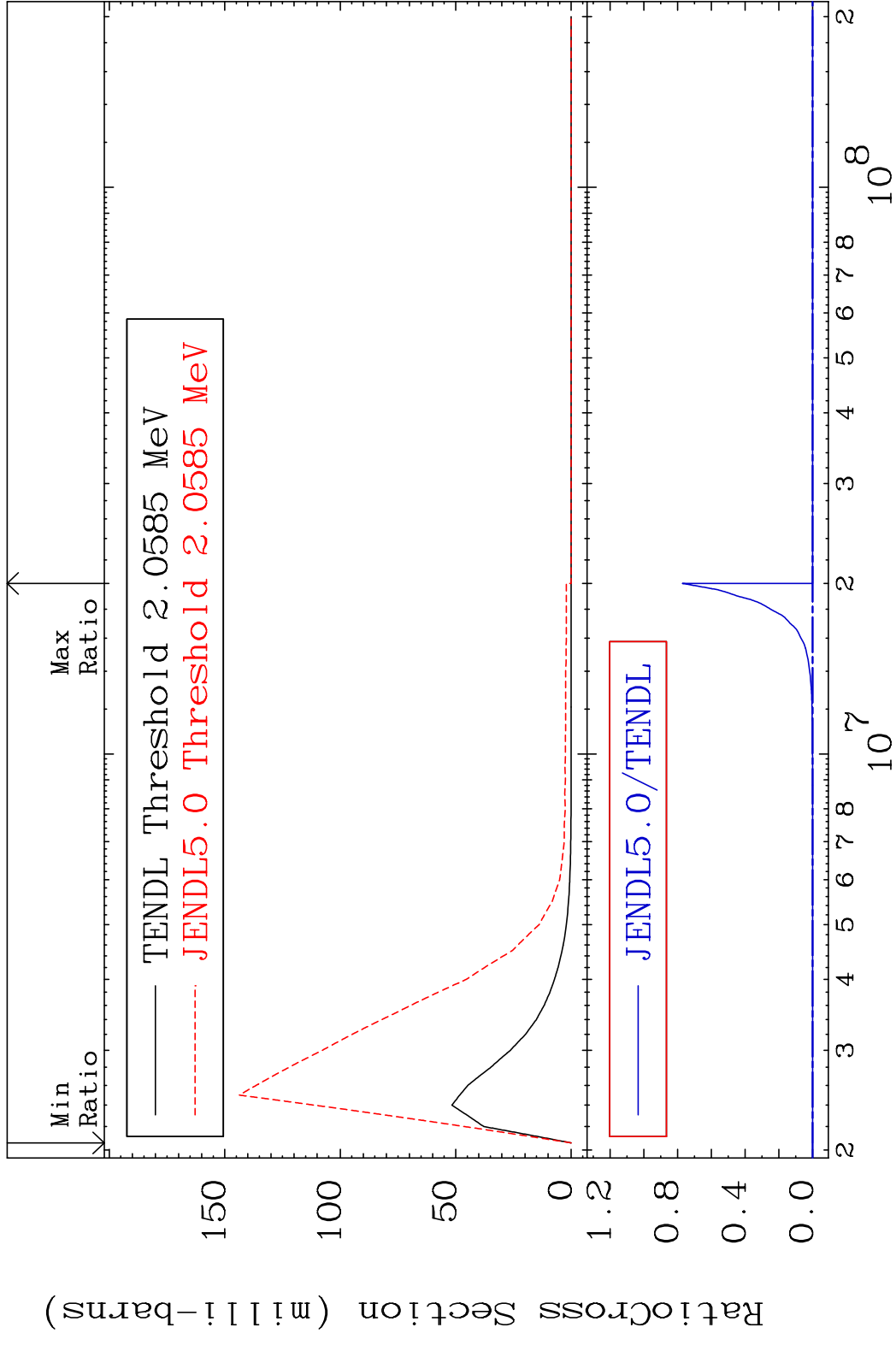
MAT 4243 MT= 58 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 9999. %



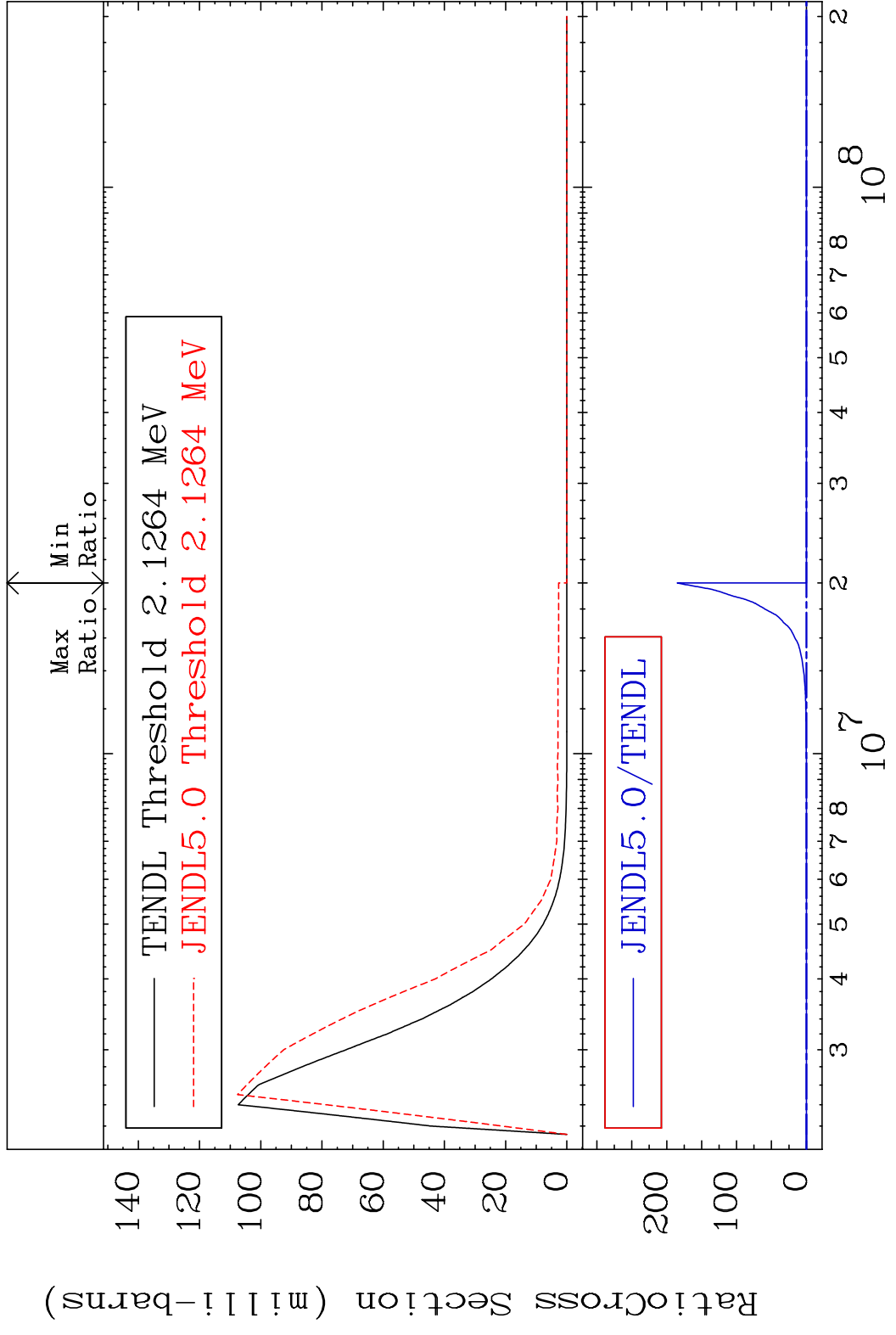
MAT 4243 MT= 59 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 96.86 %



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

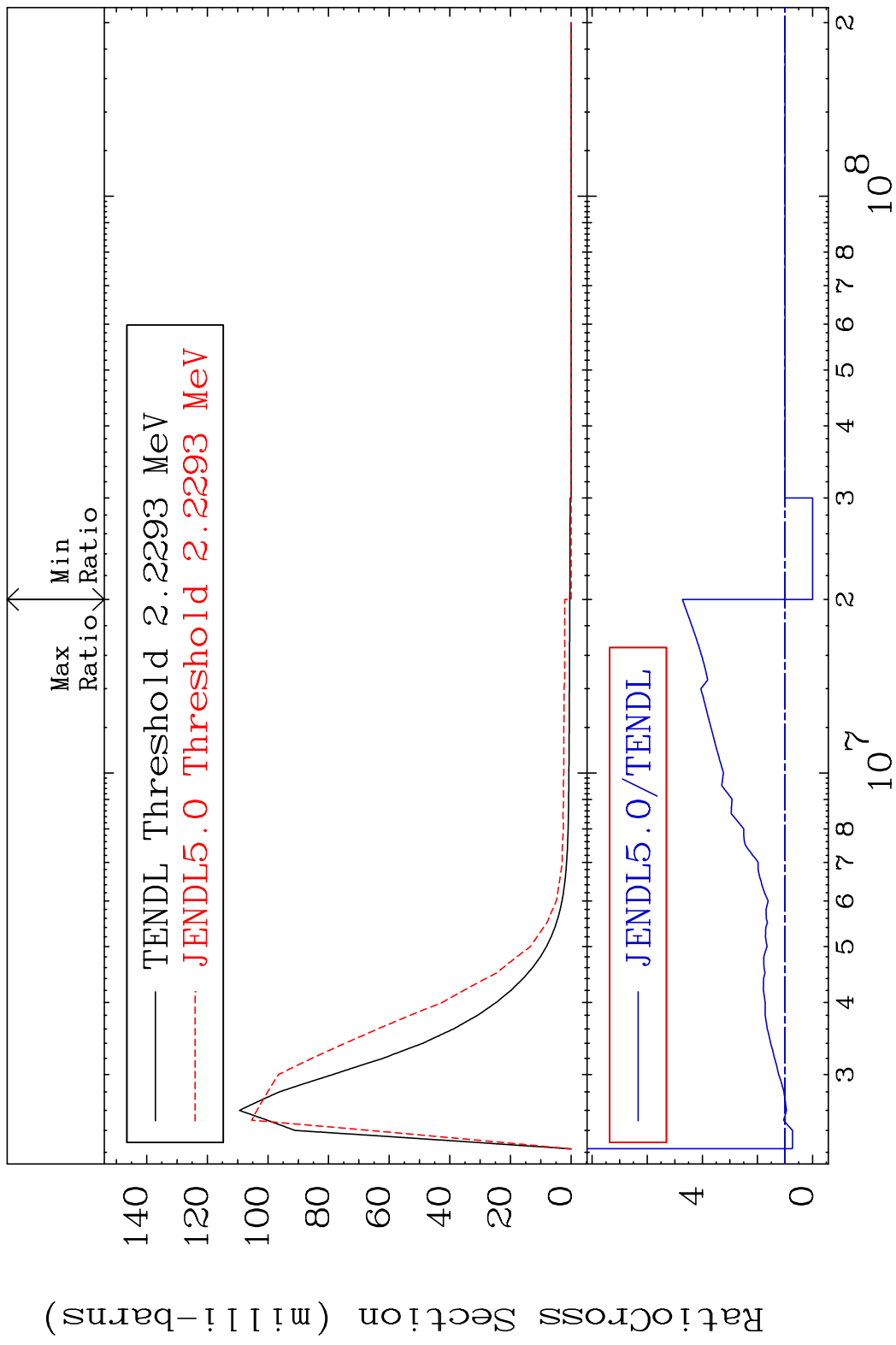


MAT 4243 MT= 61 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 9999. %

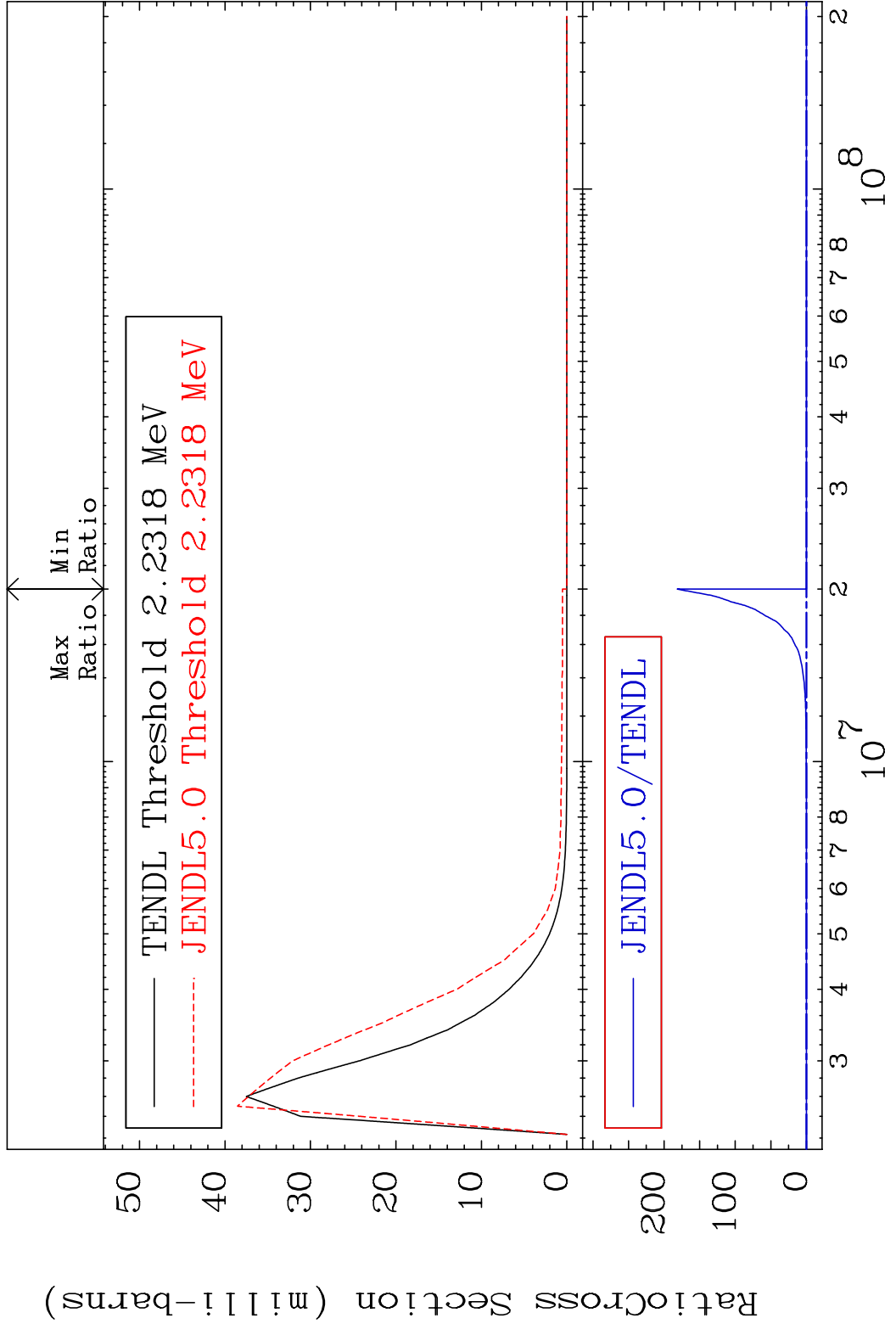


20 42-Mo-98

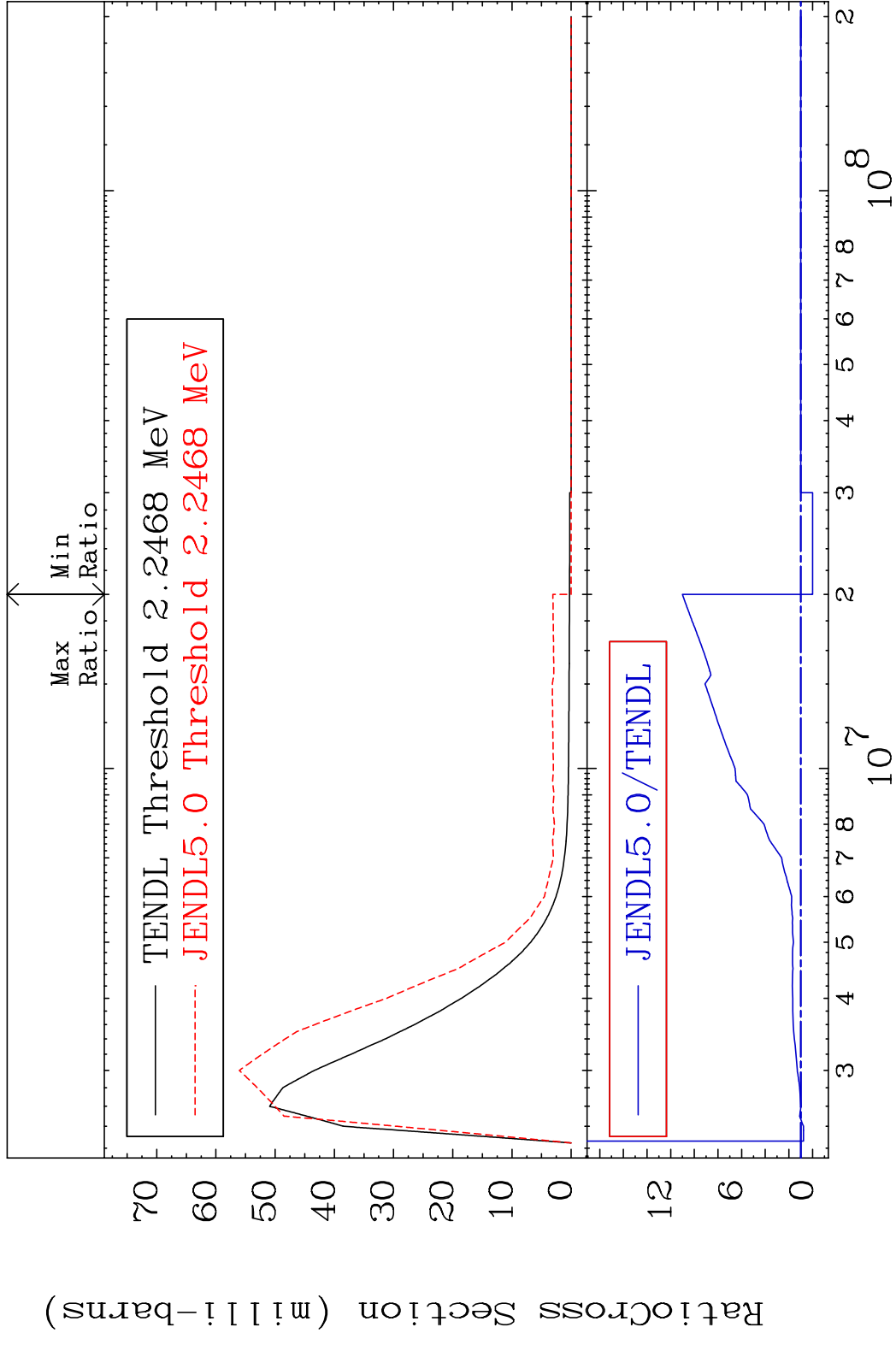
MAT 4243 MT= 62 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 372.6 %



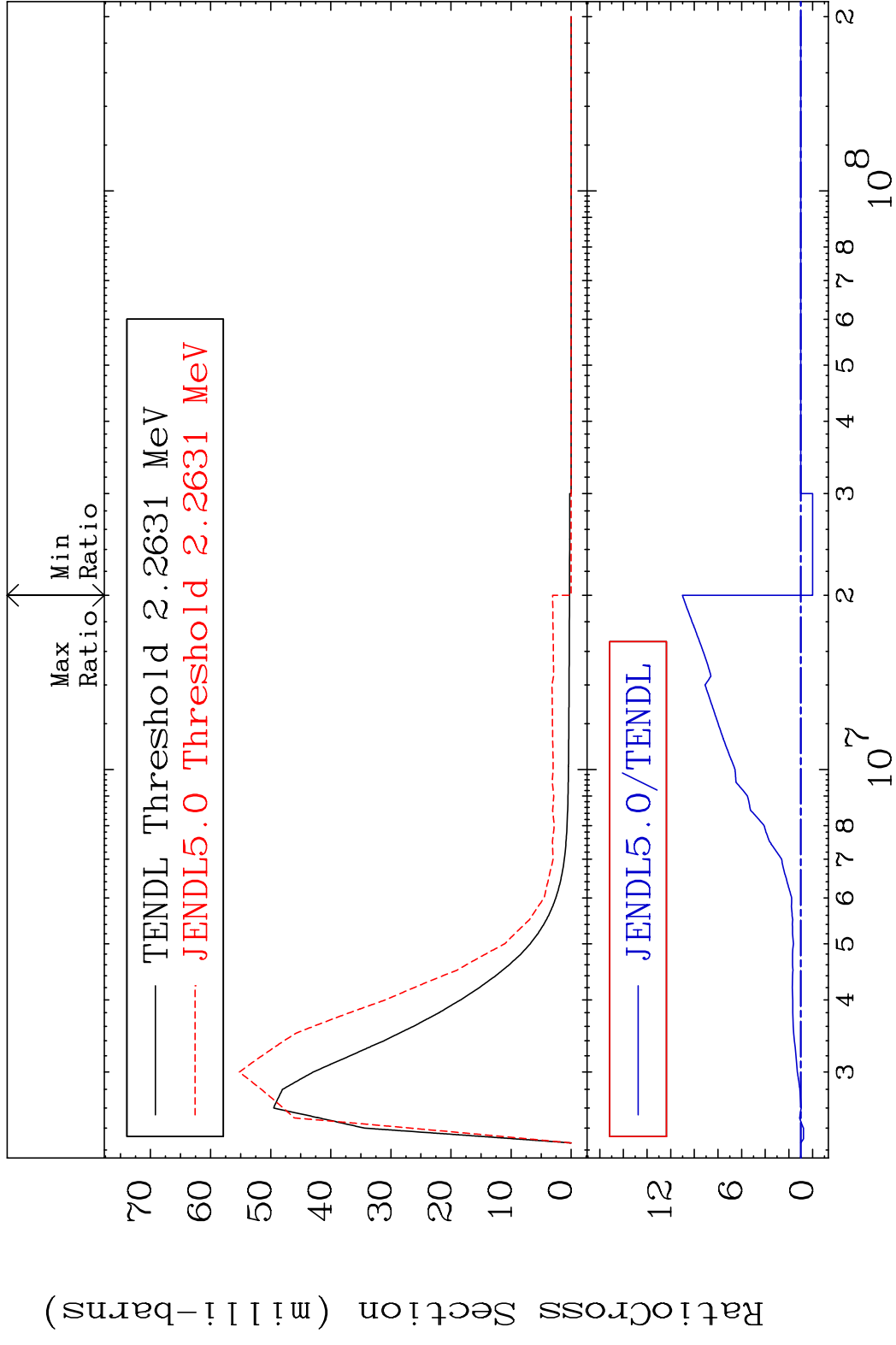
MAT 4243 MT= 63 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 9999. %



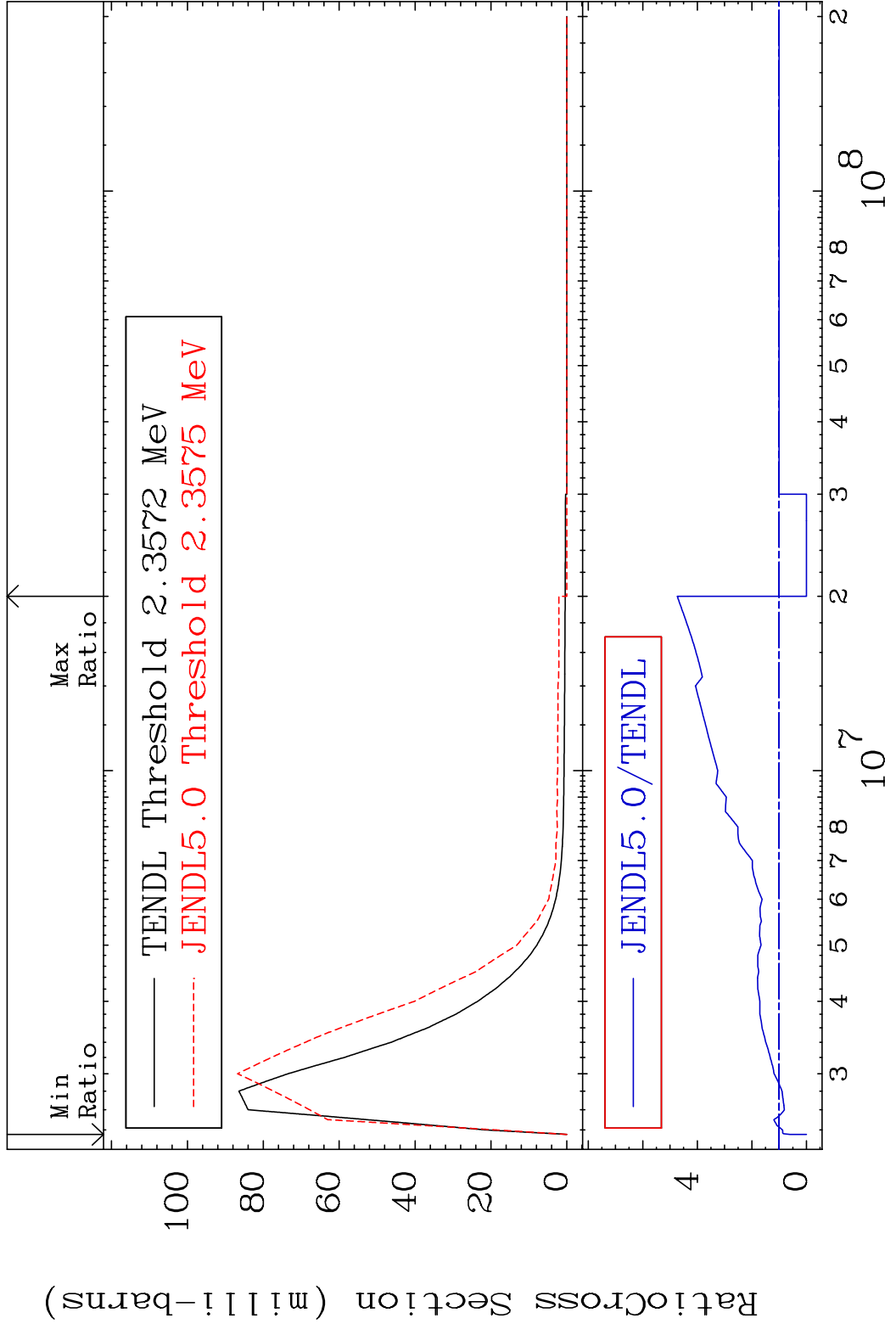
MAT 4243 MT= 64 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 1001. %



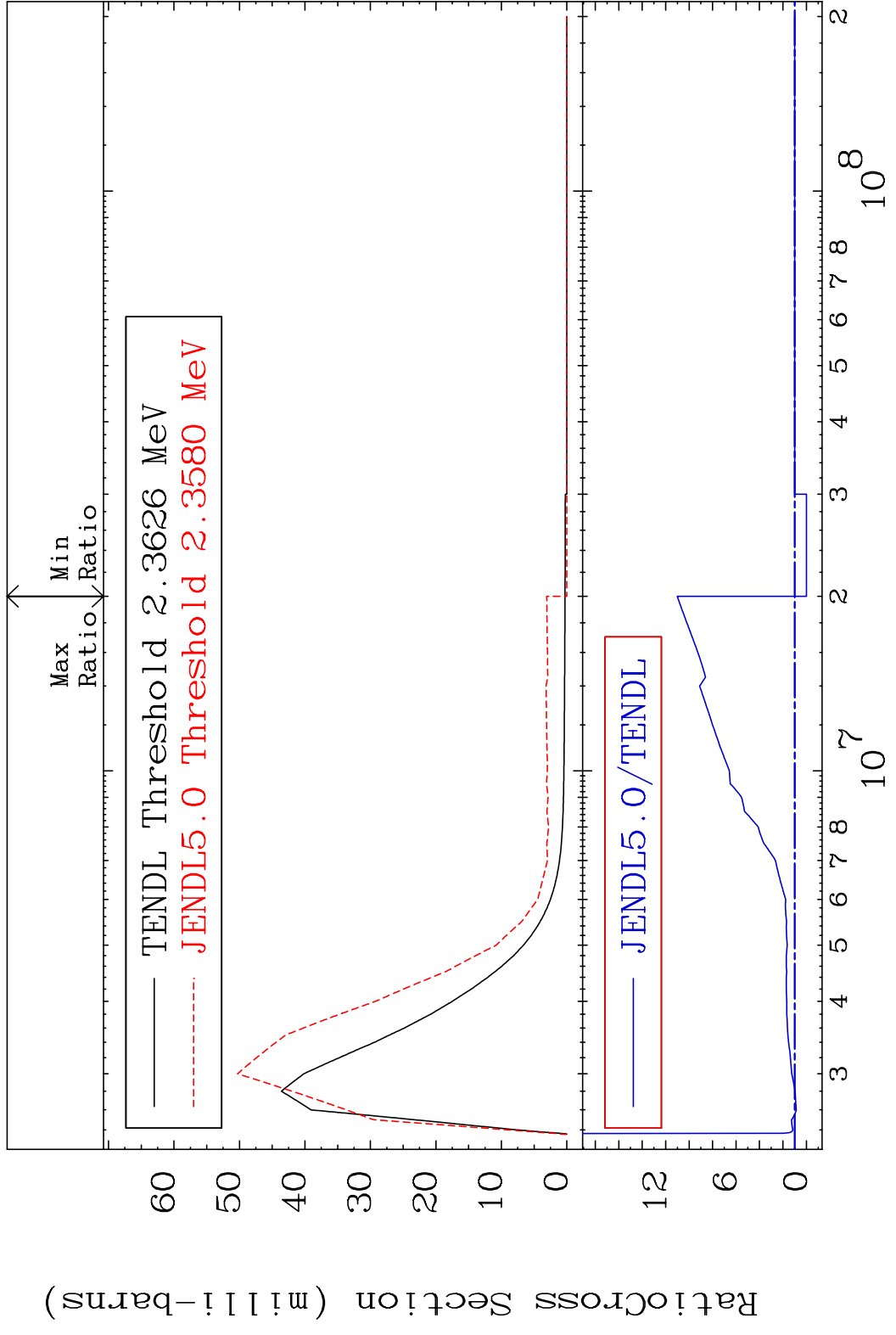
MAT 4243 MT= 65 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 1001. %



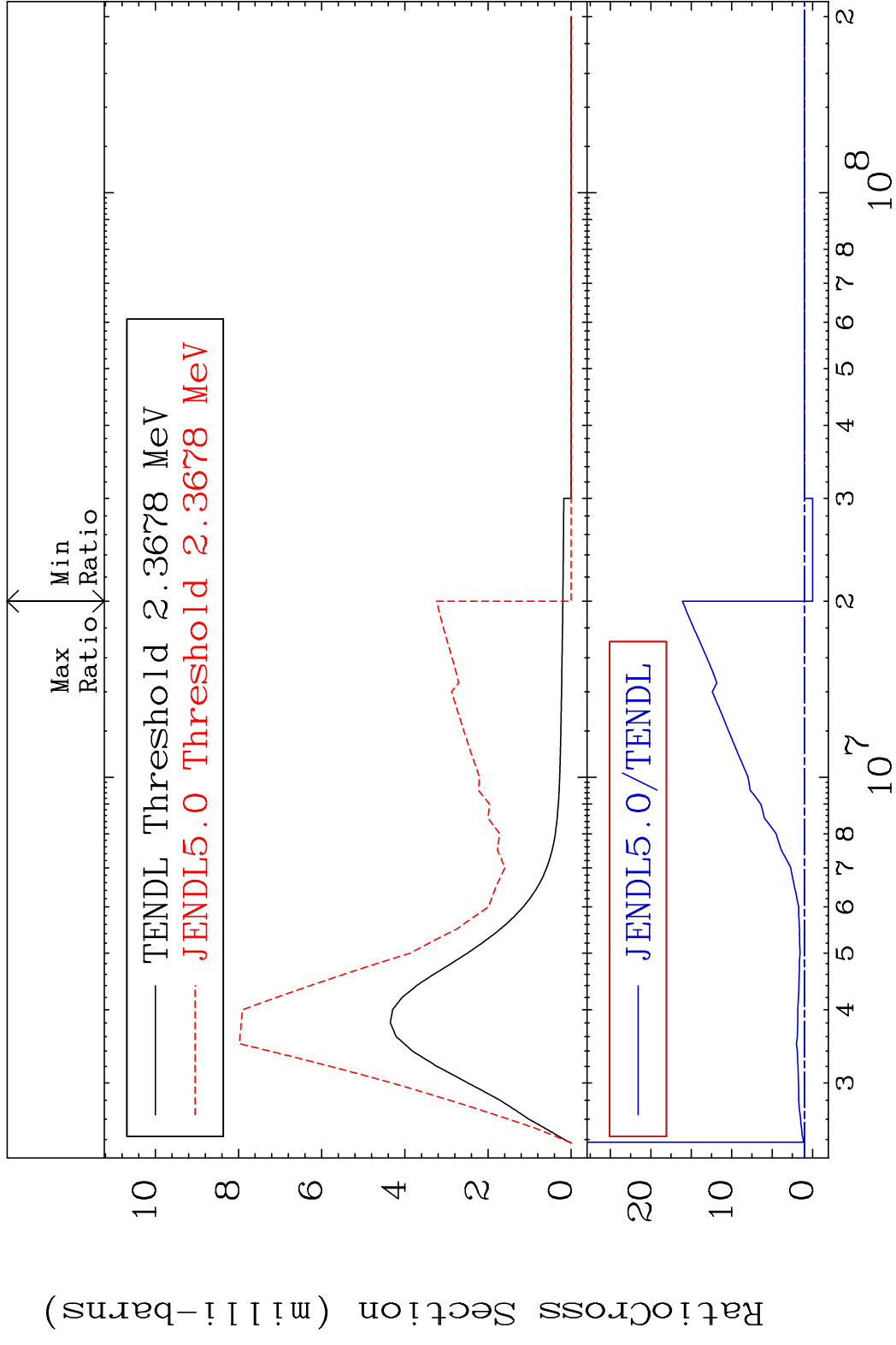
MAT 4243 MT= 66 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 373.7 %



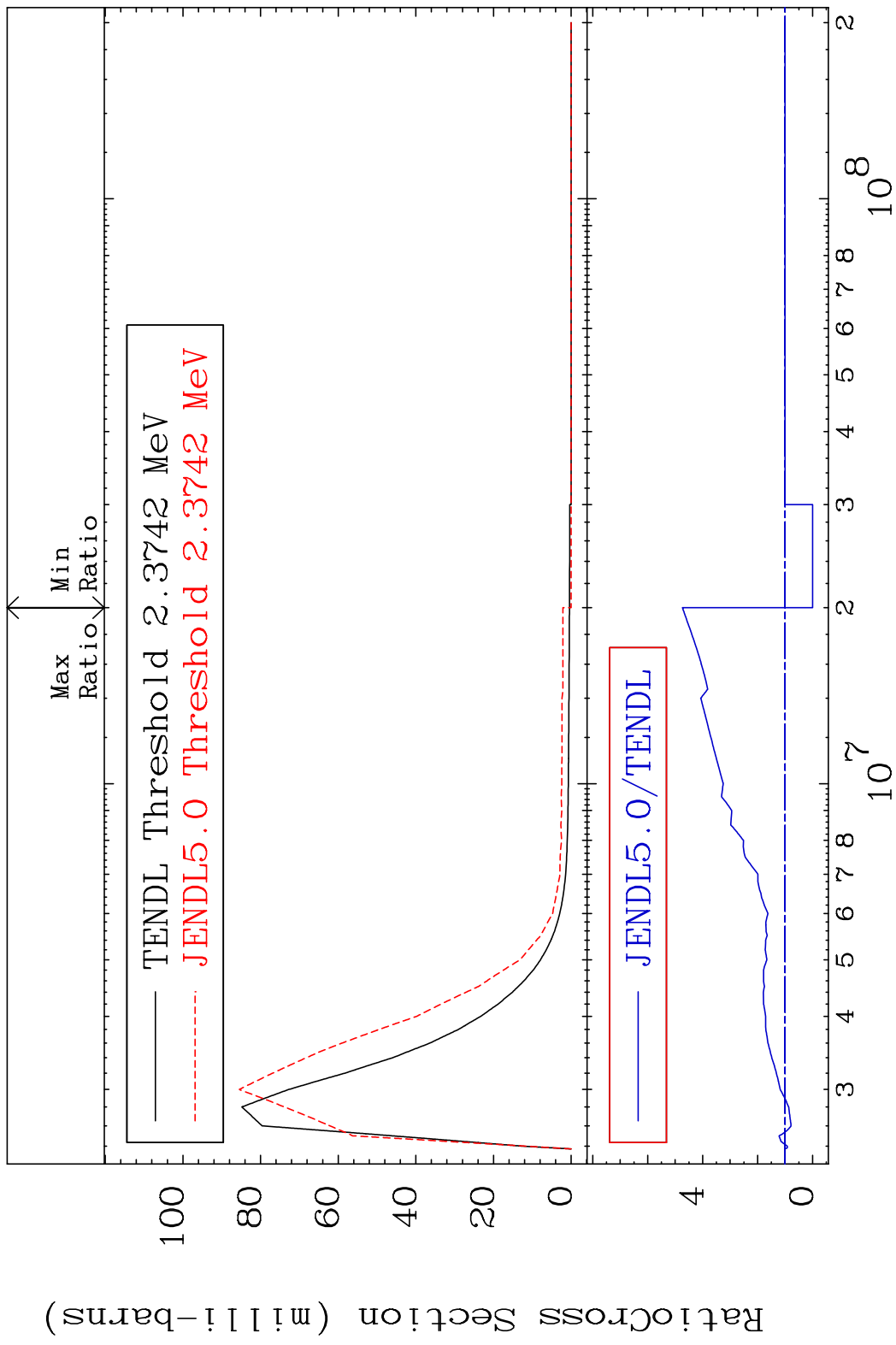
MAT 4243 MT= 67 (n, n') Level 42-Mo-98
 Cross Section -100.0 To 1002. %



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 %



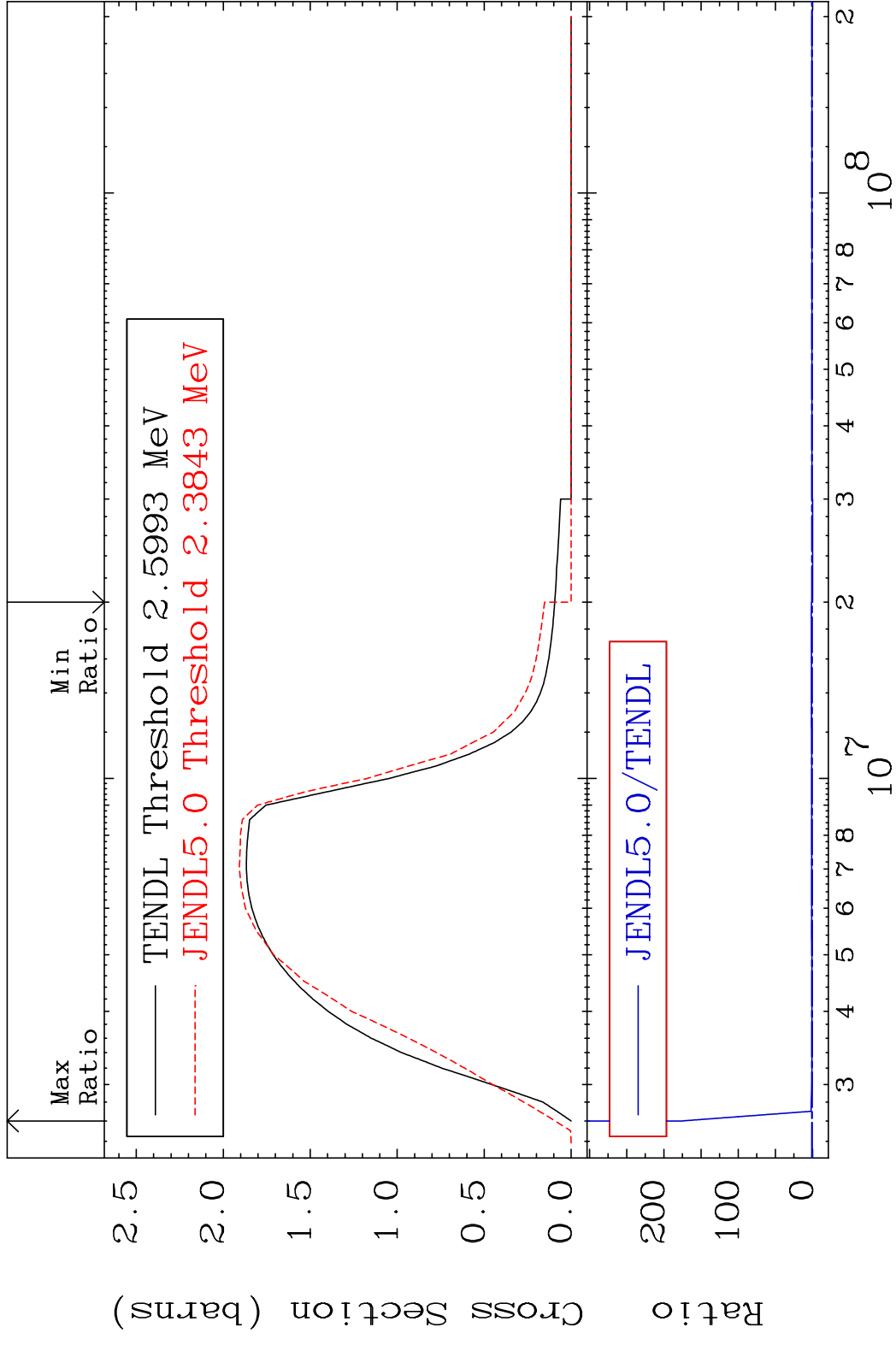
28 42-Mo-98

MAT 4243

(n,n') Continuum

42-Mo-98

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

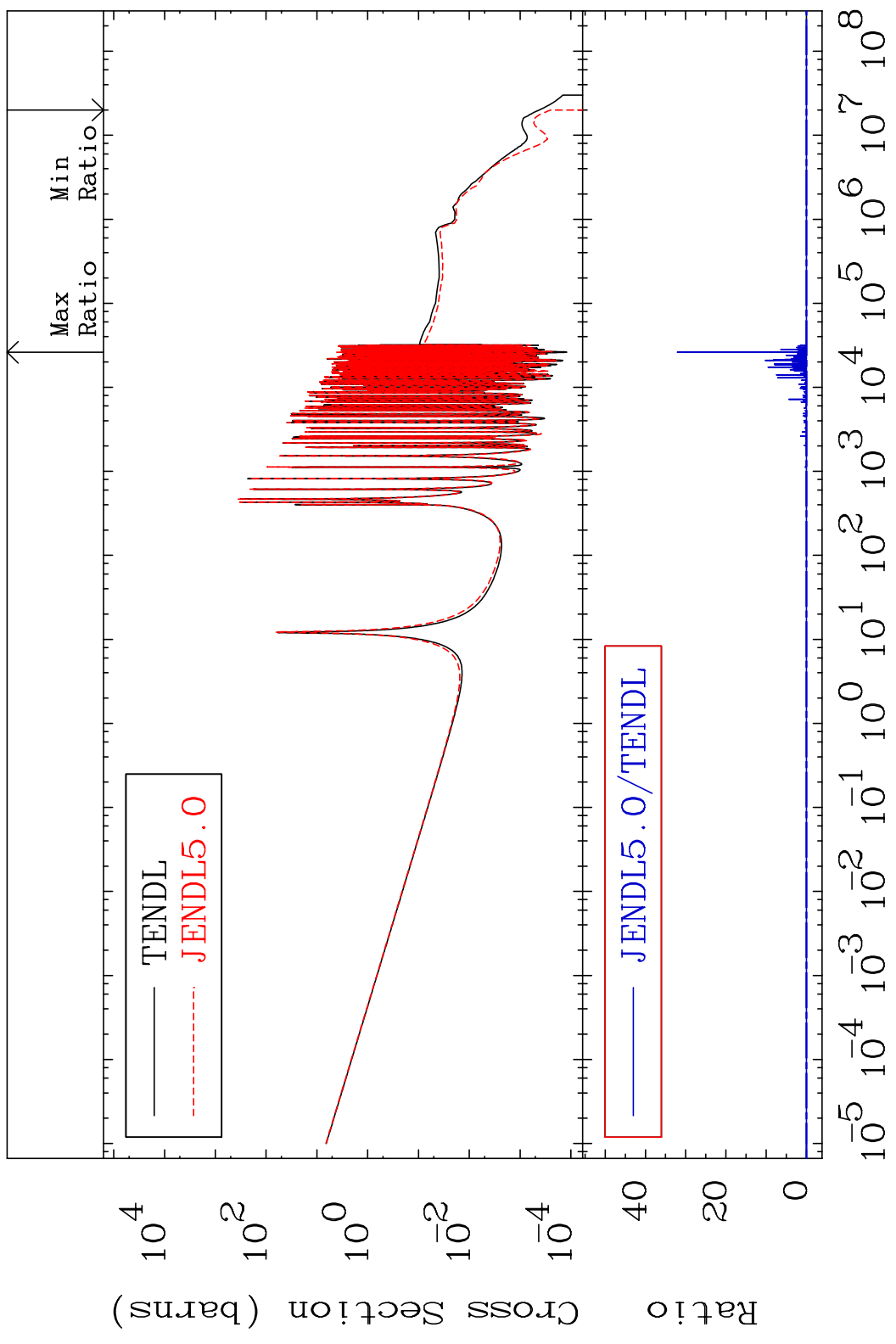
42-Mo-98

MAT 4243

(n, γ)

42-Mo-98

Cross Section -100.0 To 9999. %

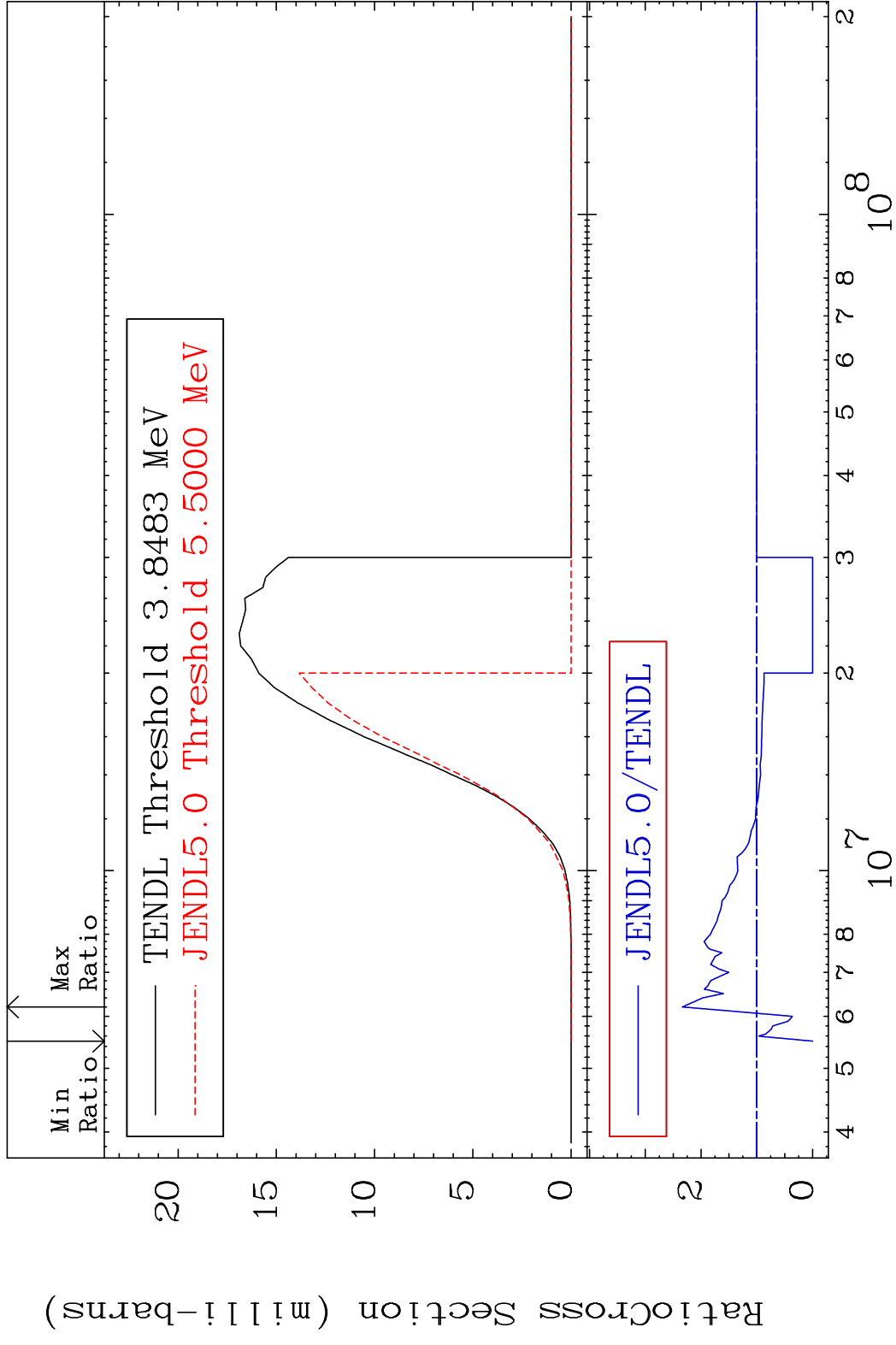


30

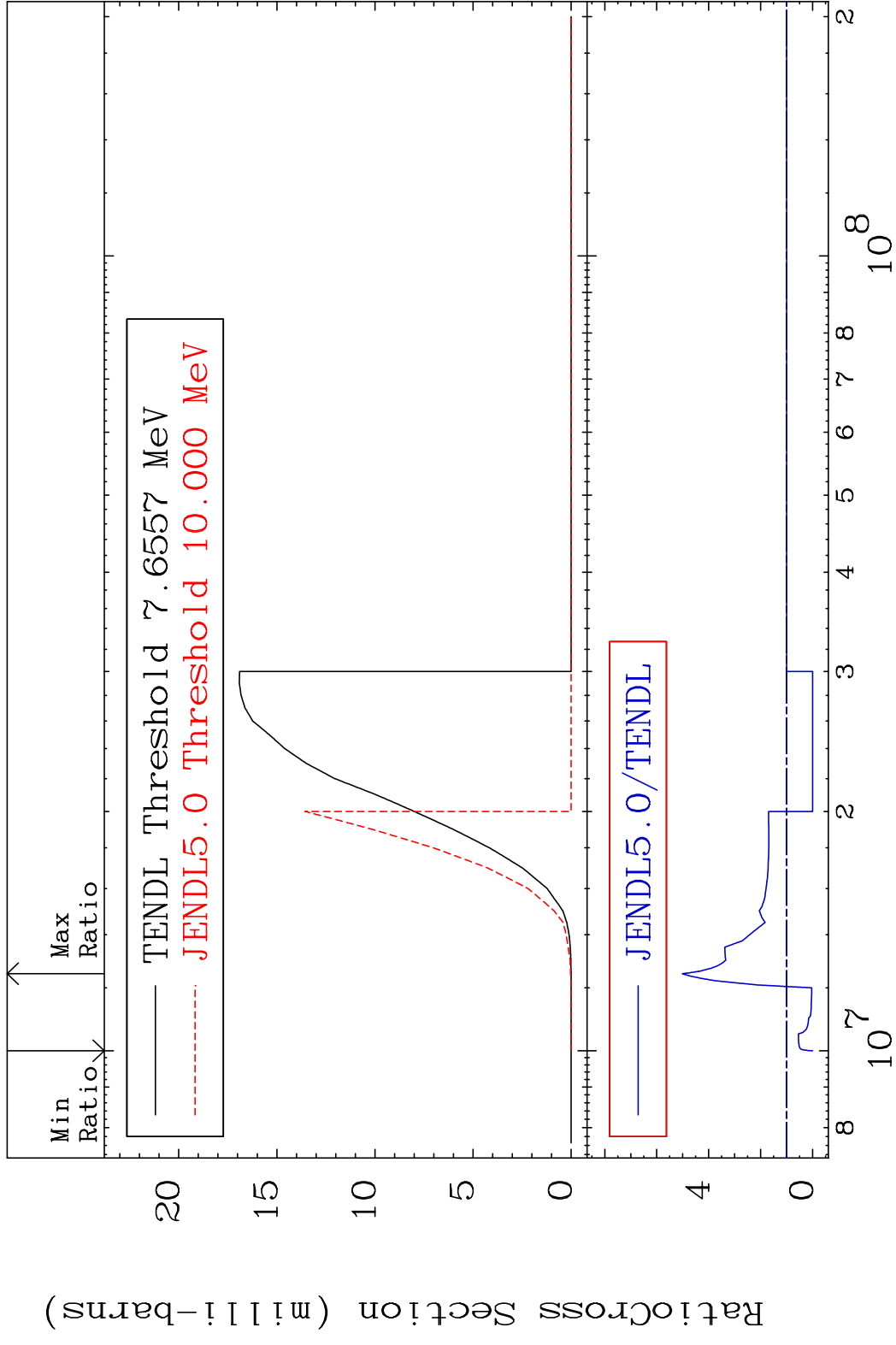
Incident Energy (eV)

42-Mo-98

MAT 4243 (n,p) 42-Mo-98
 Cross Section -100.0 To 133.6 %



MAT 4243 (n,d) 42-Mo-98
 Cross Section -100.0 To 401.3 %

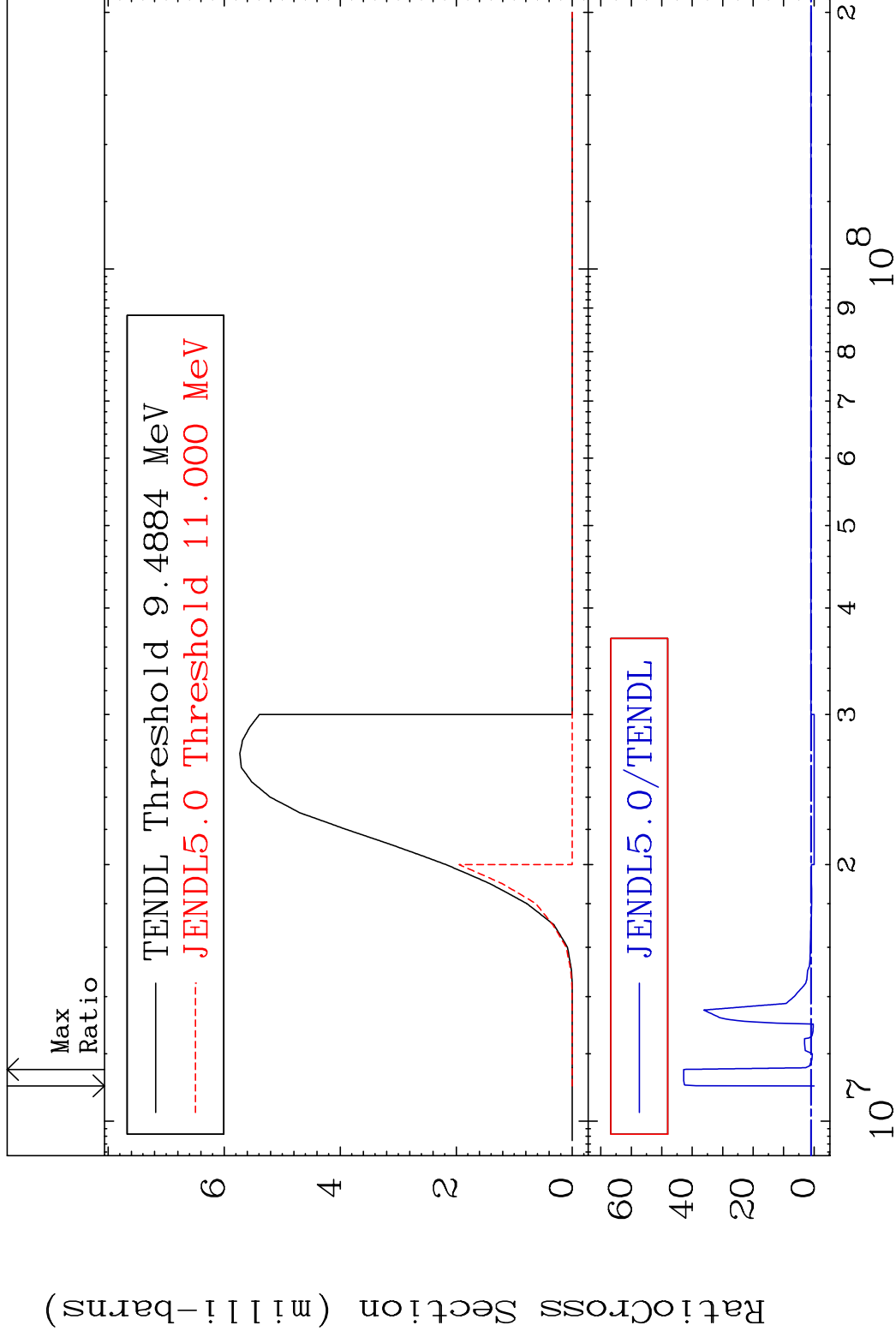


MAT 4243

(n, t)

42-Mo-98

Cross Section -100.0 To 4181. %



33

Incident Energy (eV)

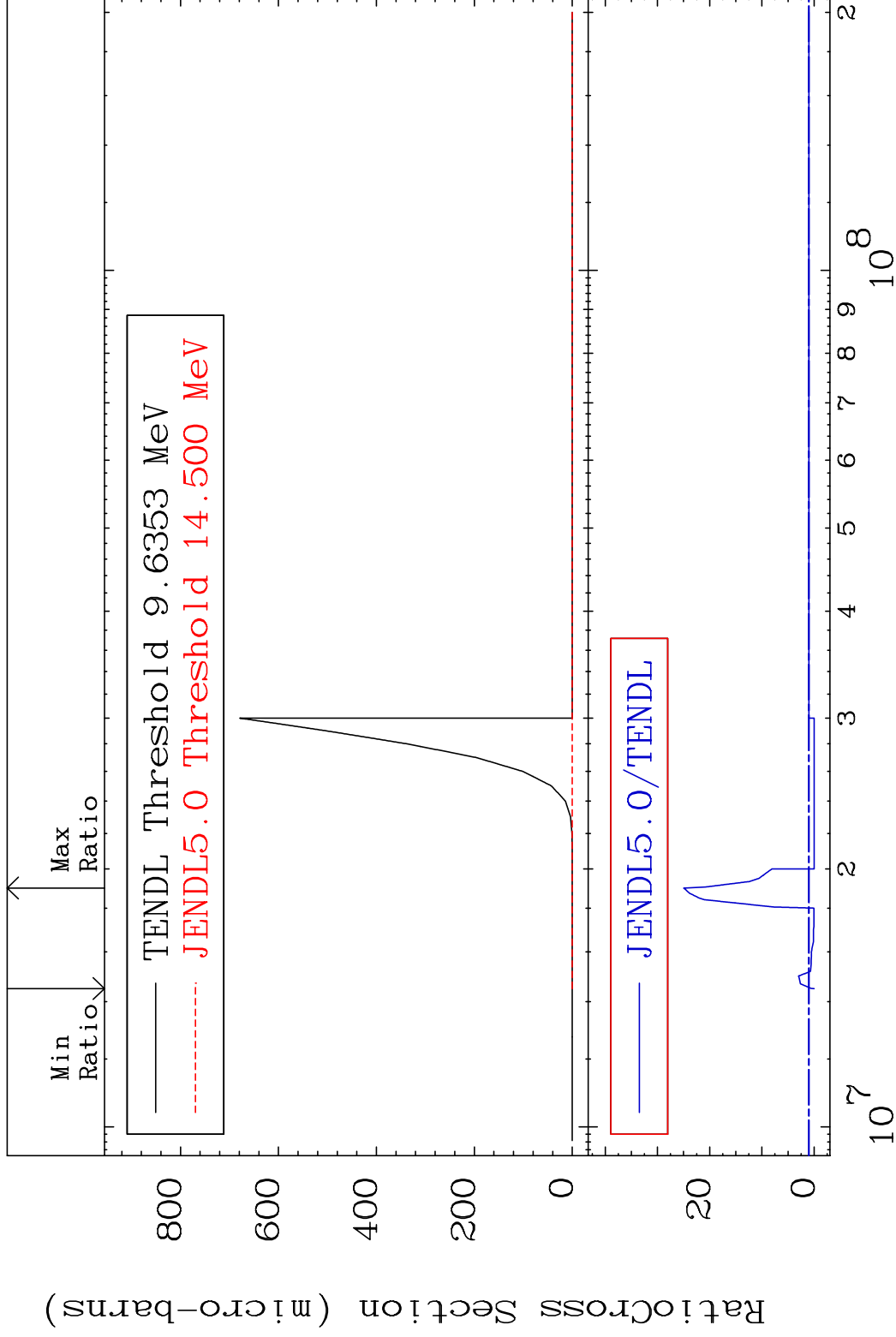
42-Mo-98

MAT 4243

(n, He-3)

42-Mo-98

Cross Section -100.0 To 2398. %



34

Incident Energy (eV)

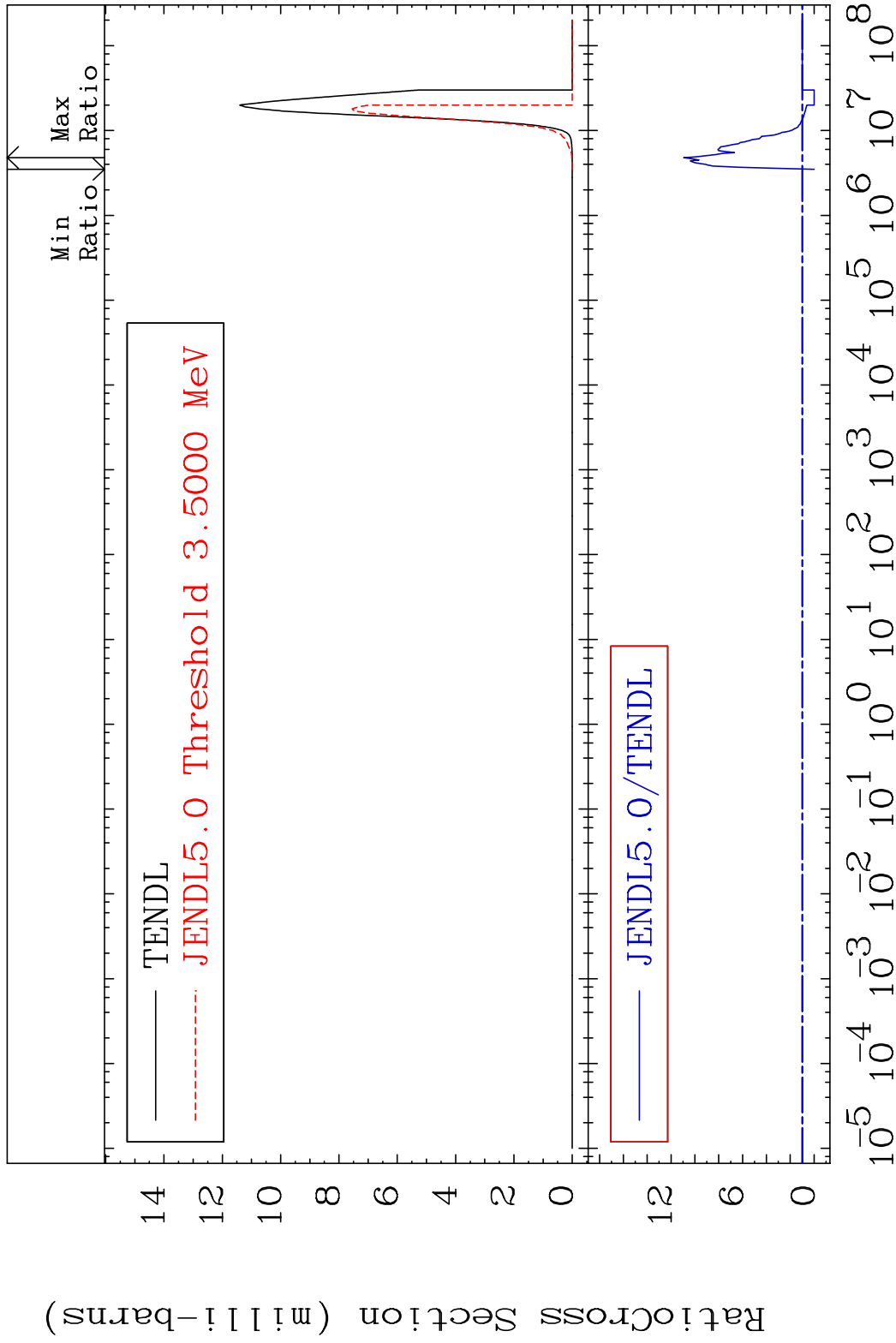
42-Mo-98

MAT 4243

(n, α)

42-Mo-98

Cross Section -100.0 To 994.2 %



35

Incident Energy (eV)

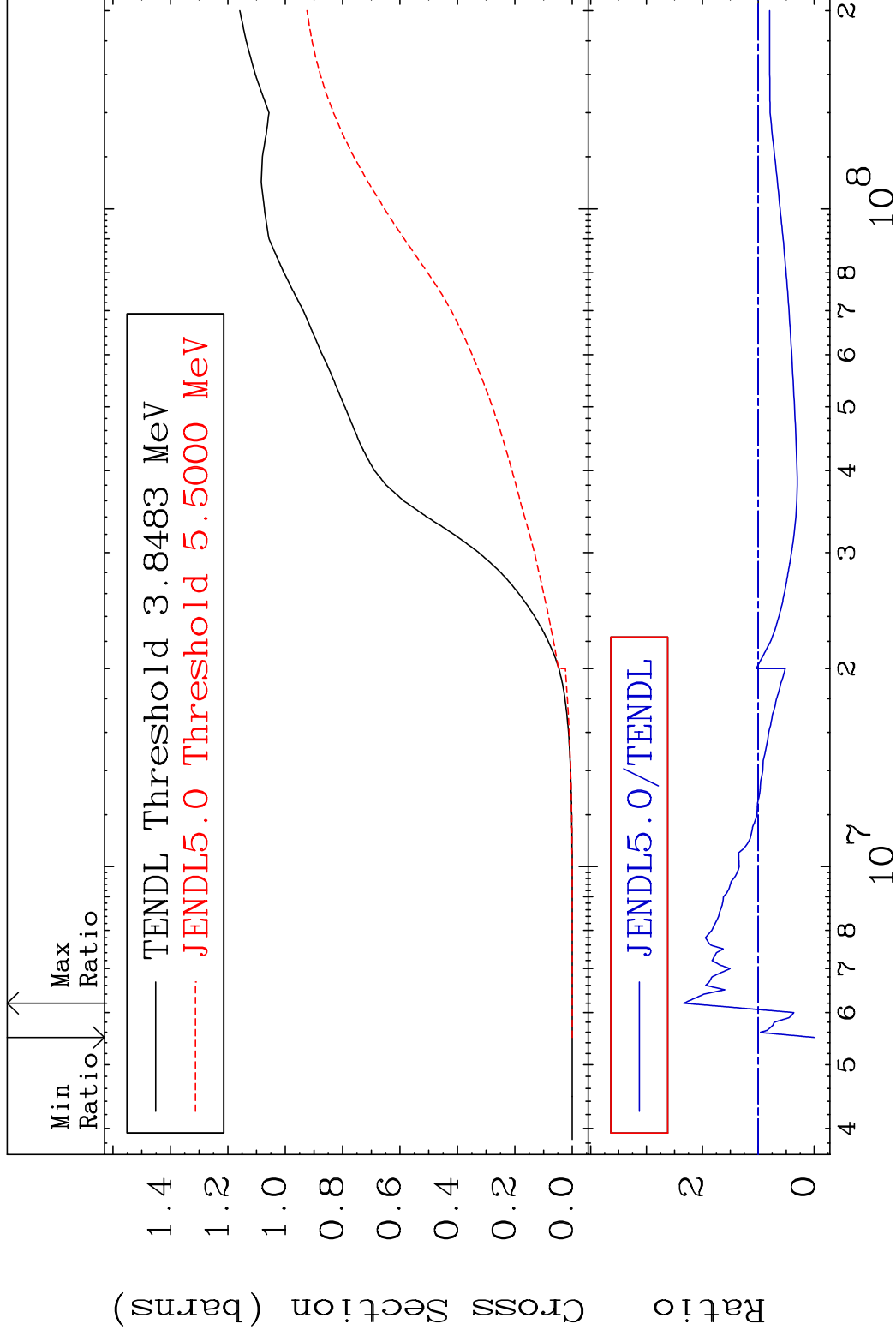
42-Mo-98

MAT 4243

Hydrogen Production

42-Mo-98

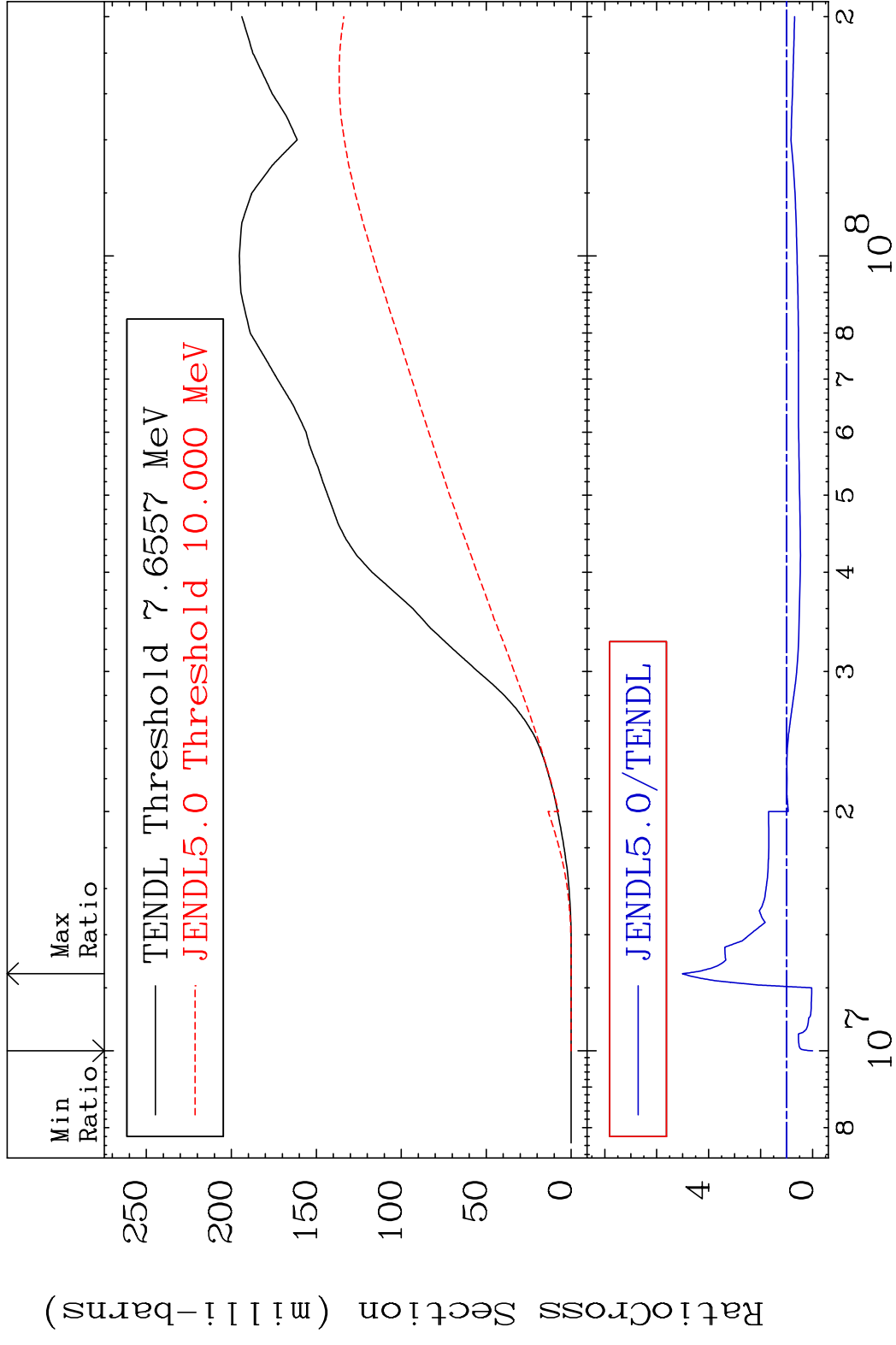
Cross Section -100.0 To 133.6 %



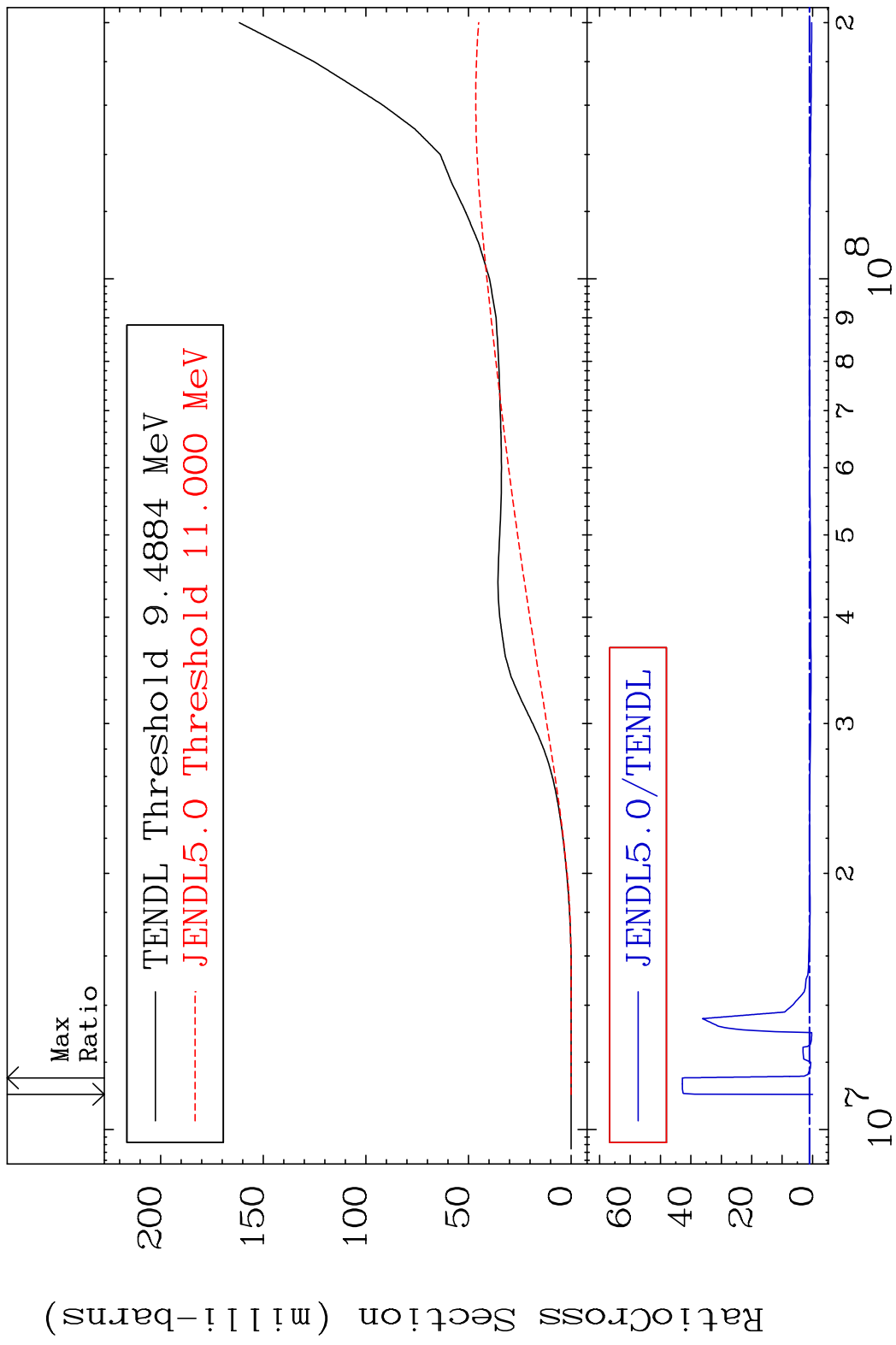
36

Incident Energy (eV)

42-Mo-98



MAT 4243 Tritium Production 42-Mo-98
 Cross Section -100.0 To 4181. %



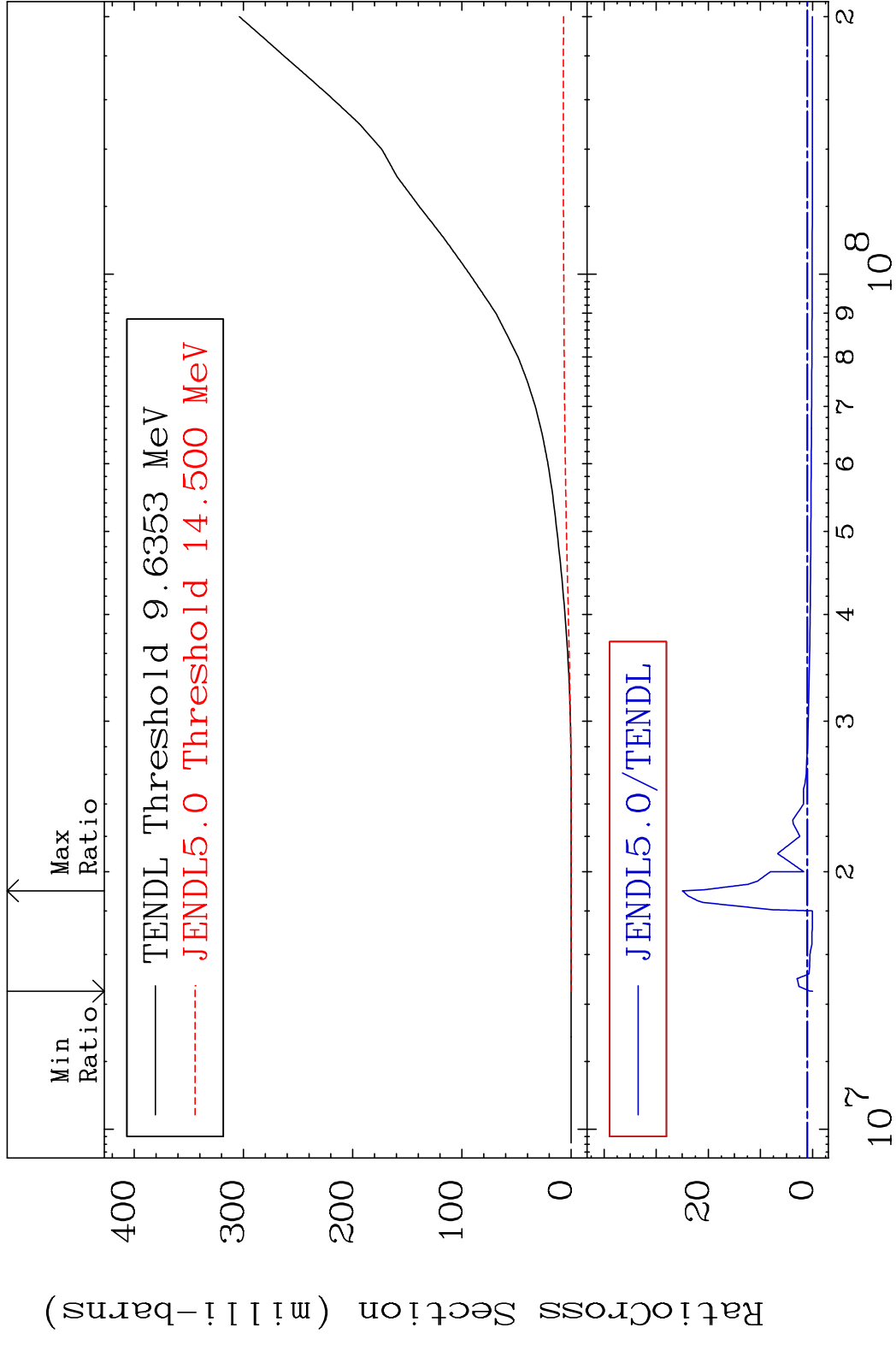
38 Incident Energy (eV) 42-Mo-98

MAT 4243

He-3 Production

42-Mo-98

Cross Section -100.0 To 2398. %



39

Incident Energy (eV)

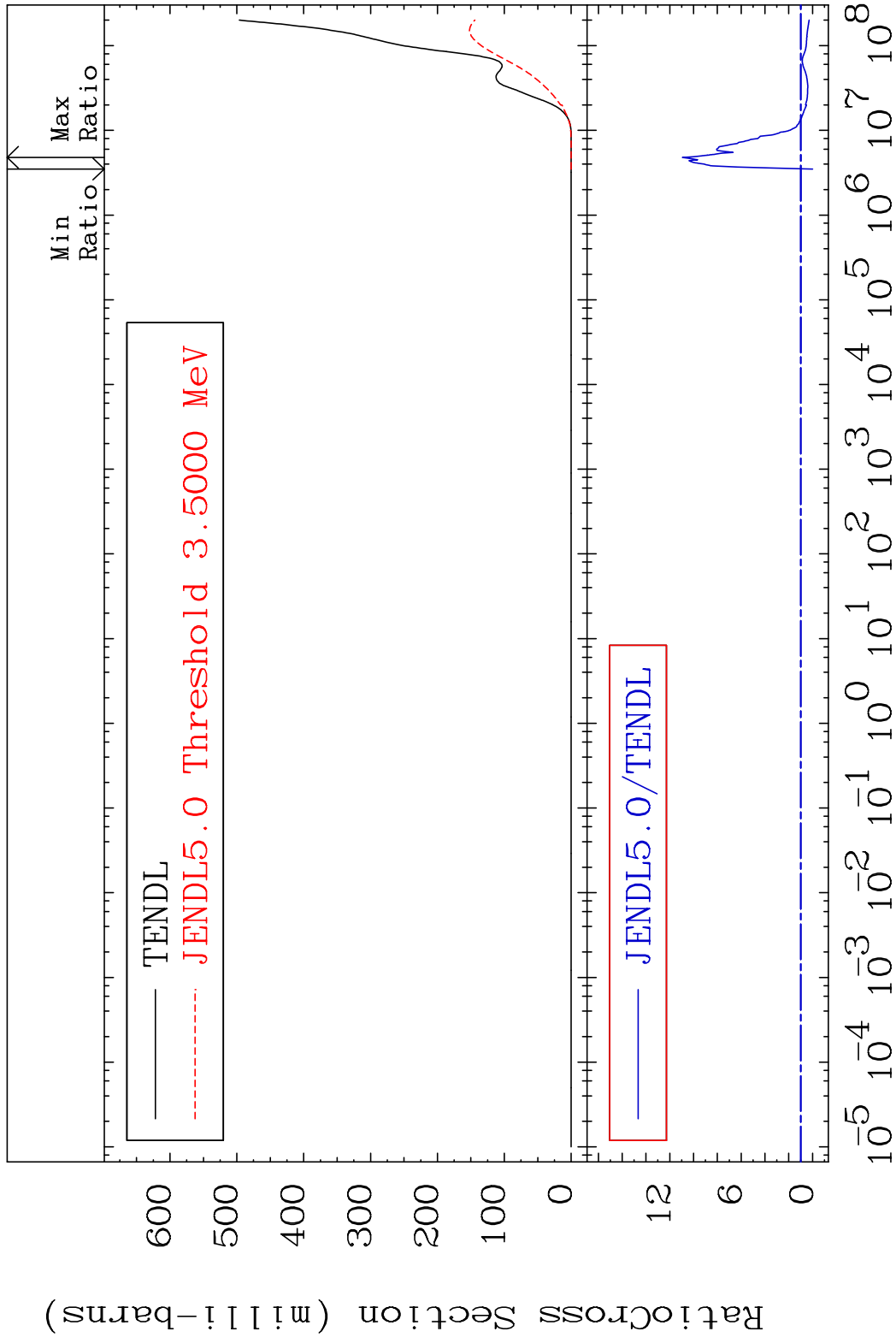
42-Mo-98

MAT 4243

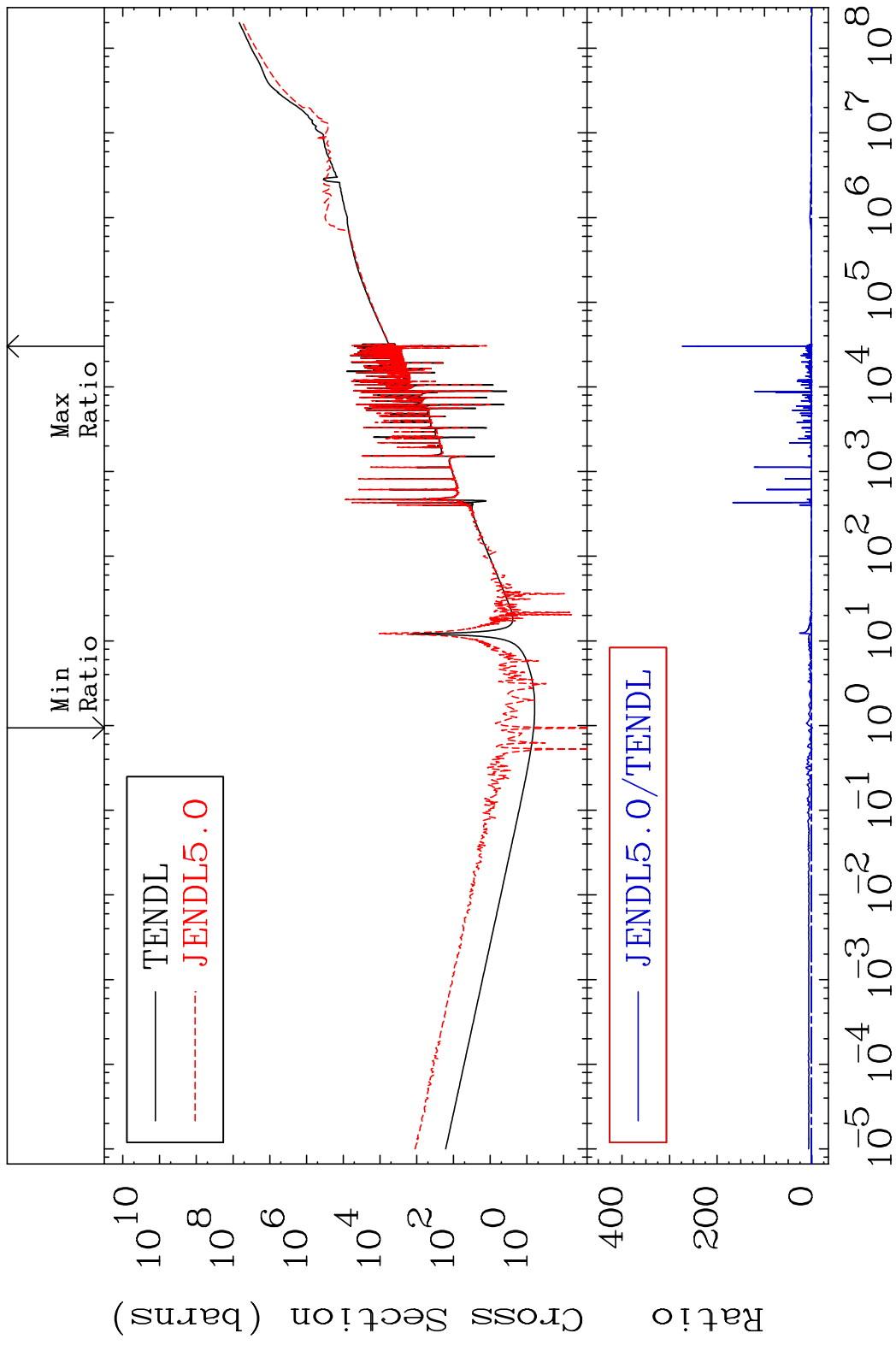
He-4 Production

42-Mo-98

Cross Section -100.0 To 994.2 %



MAT 4243 Kerma total (eV-barns) 42-Mo-98
 Cross Section -240.4 To 9999. %

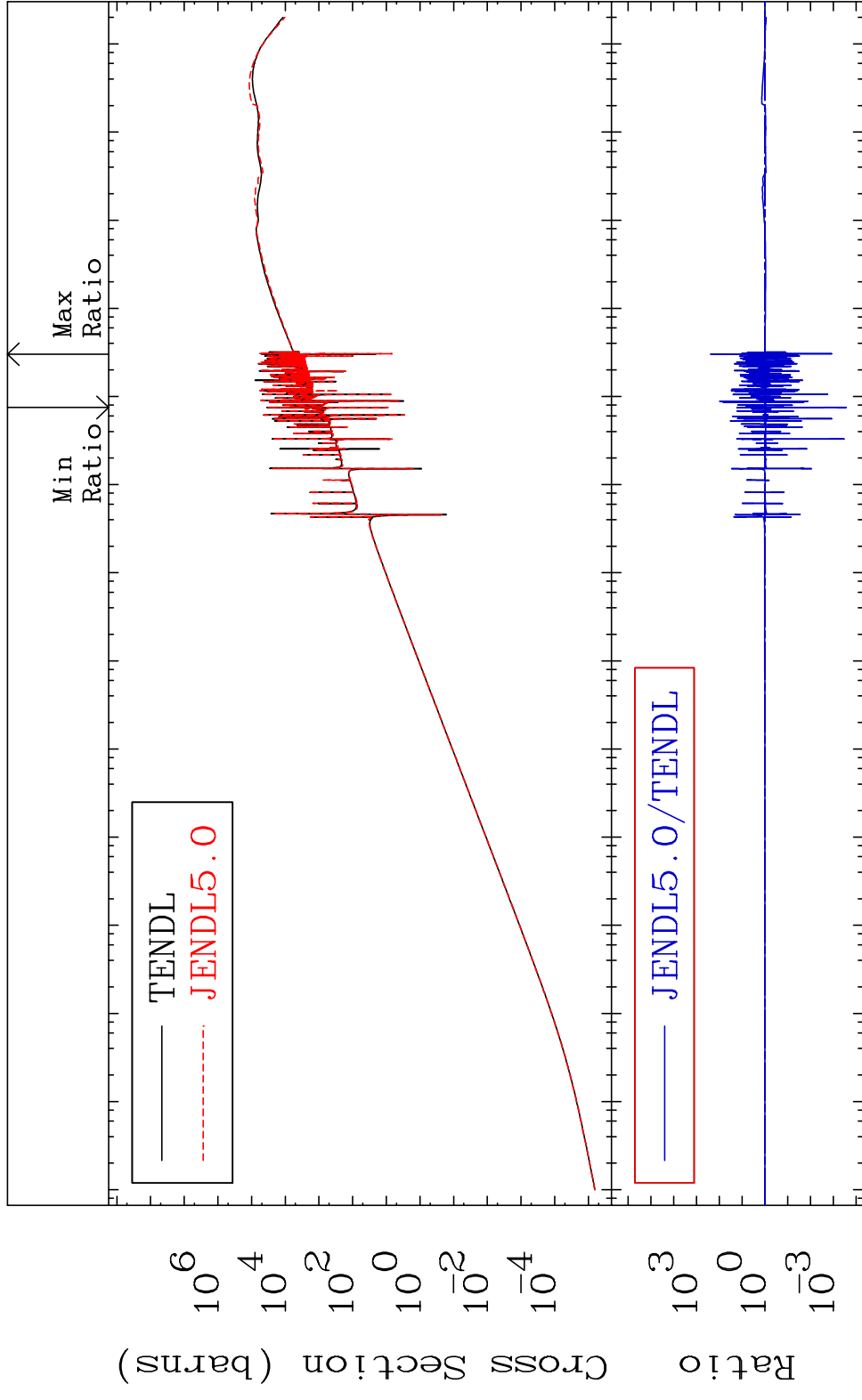


41 Incident Energy (eV) 42-Mo-98

MAT 4243

Kerma elastic
Cross Section

42-Mo-98
-99.97 To 9999. %

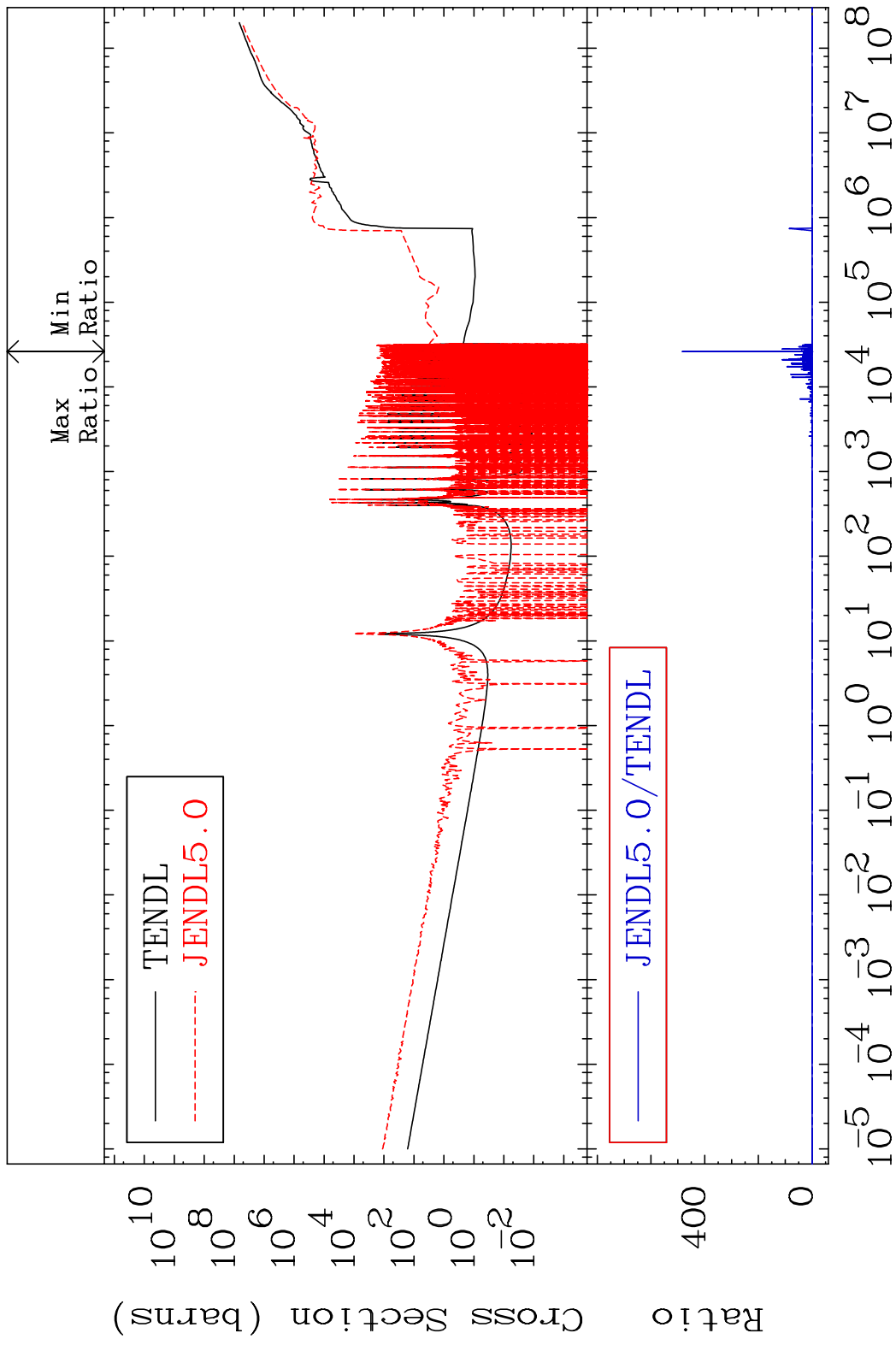


42

Incident Energy (eV)

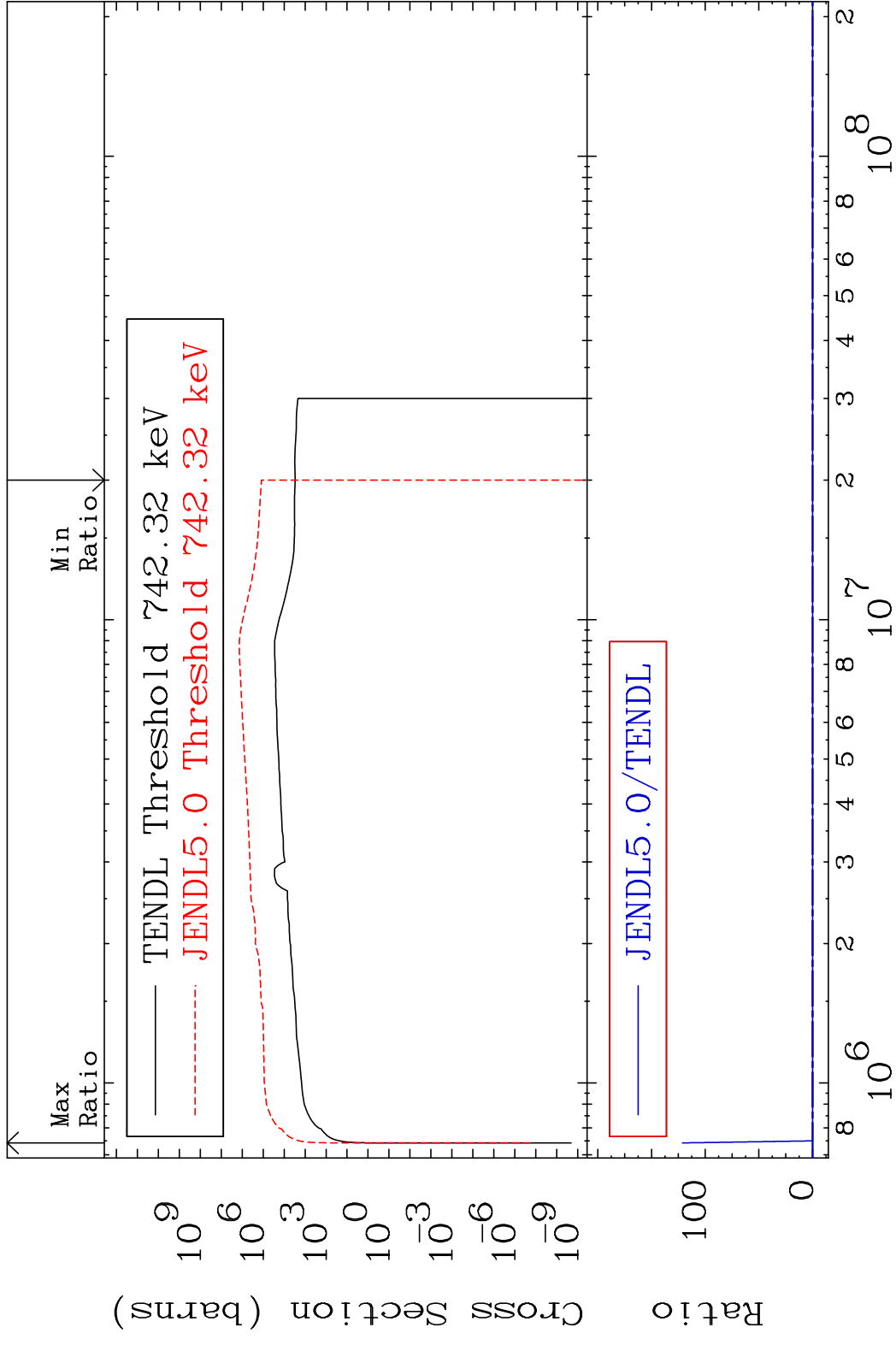
42-Mo-98

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



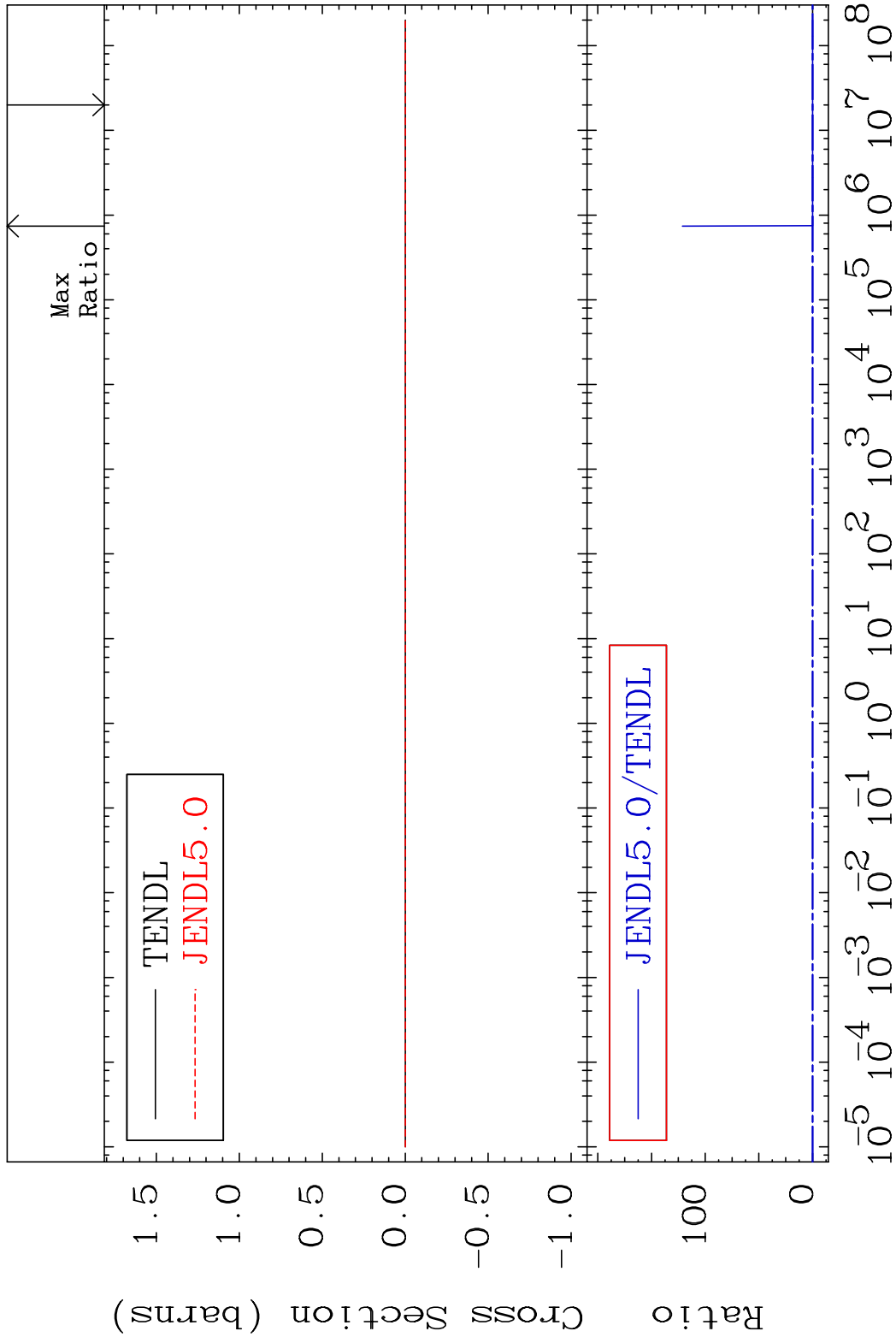
43 Incident Energy (eV) 42-Mo-98

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



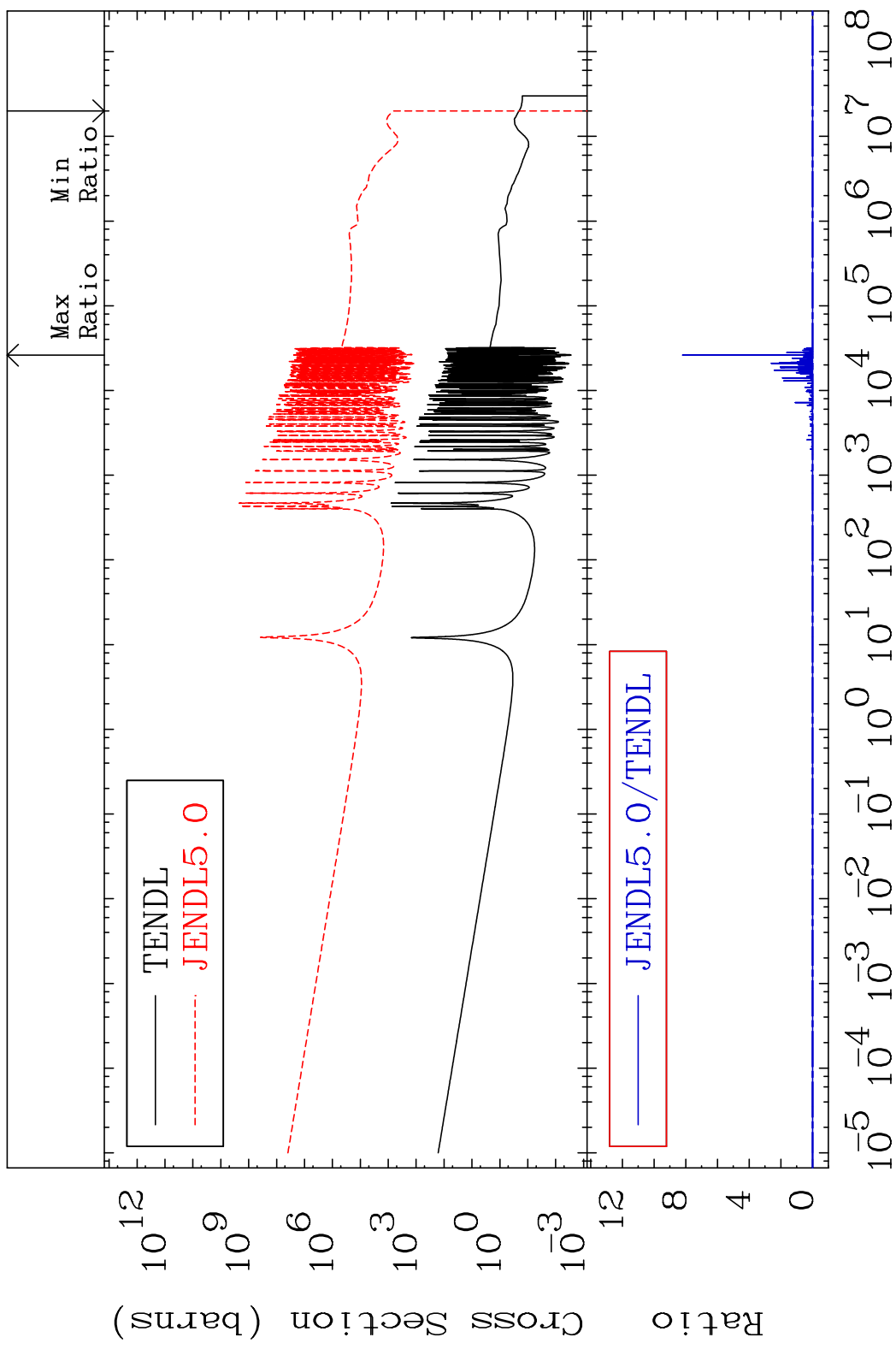
44 Incident Energy (eV) 42-Mo-98

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. %

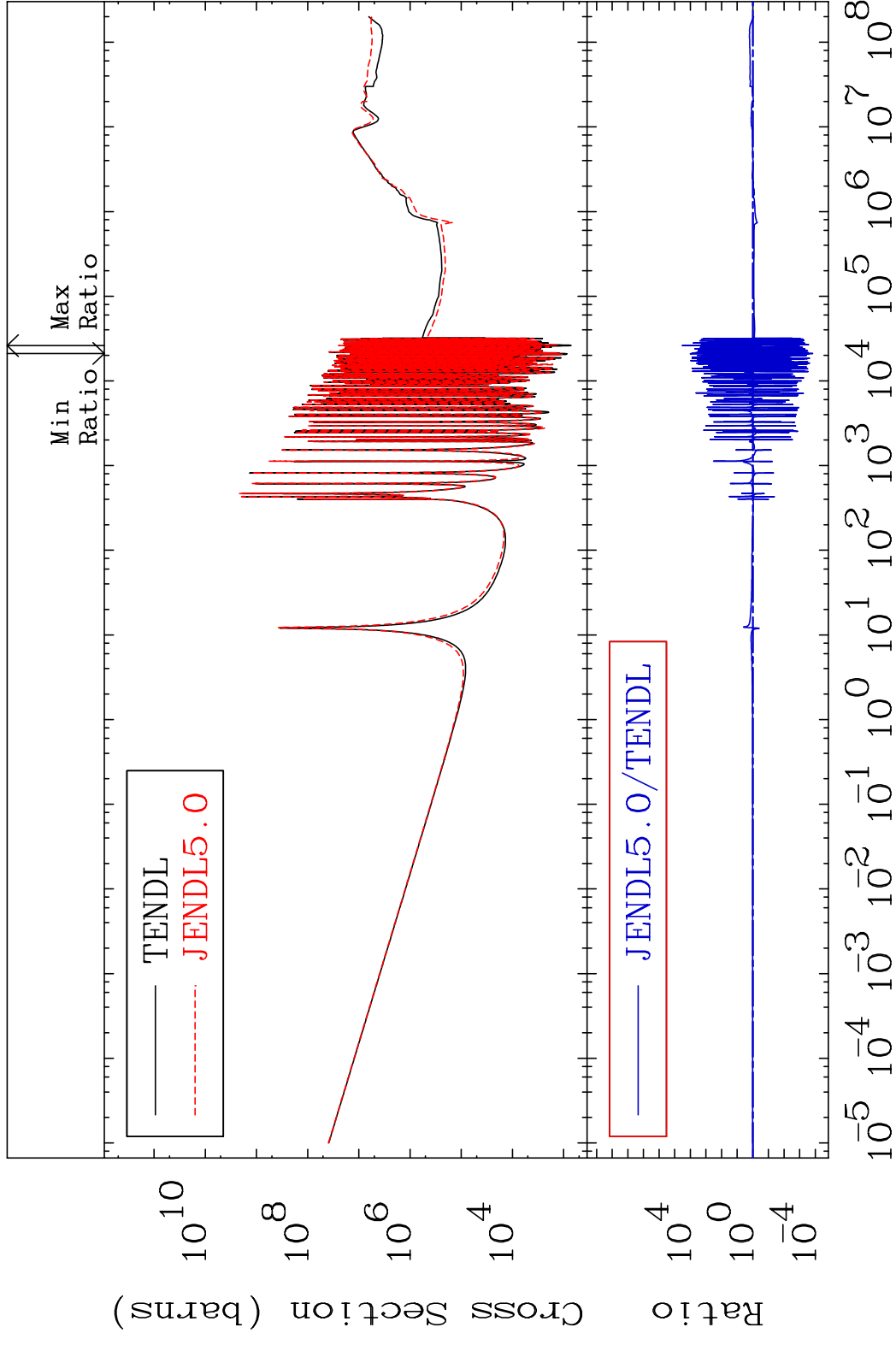


46

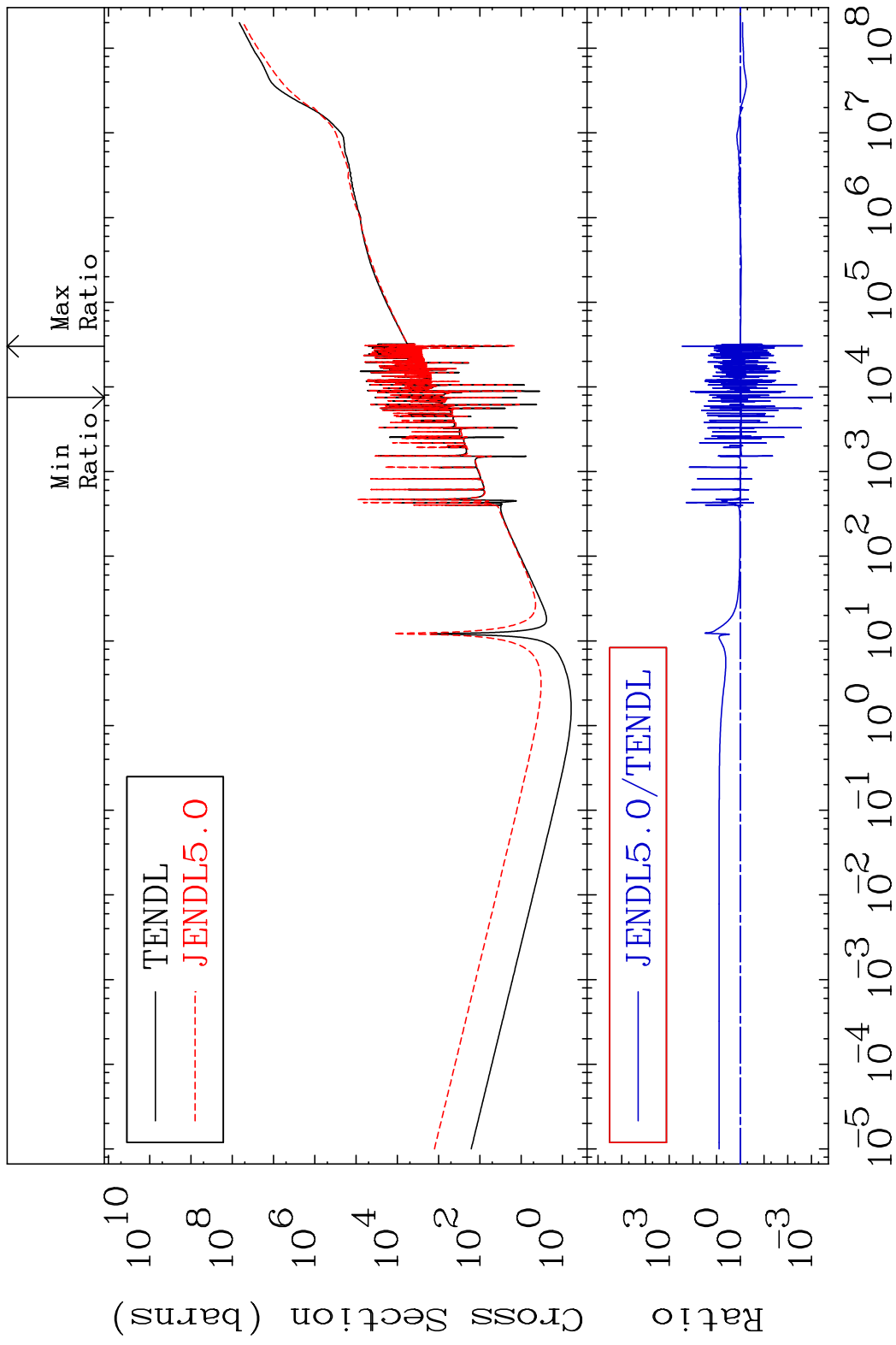
Incident Energy (eV)

42-Mo-98

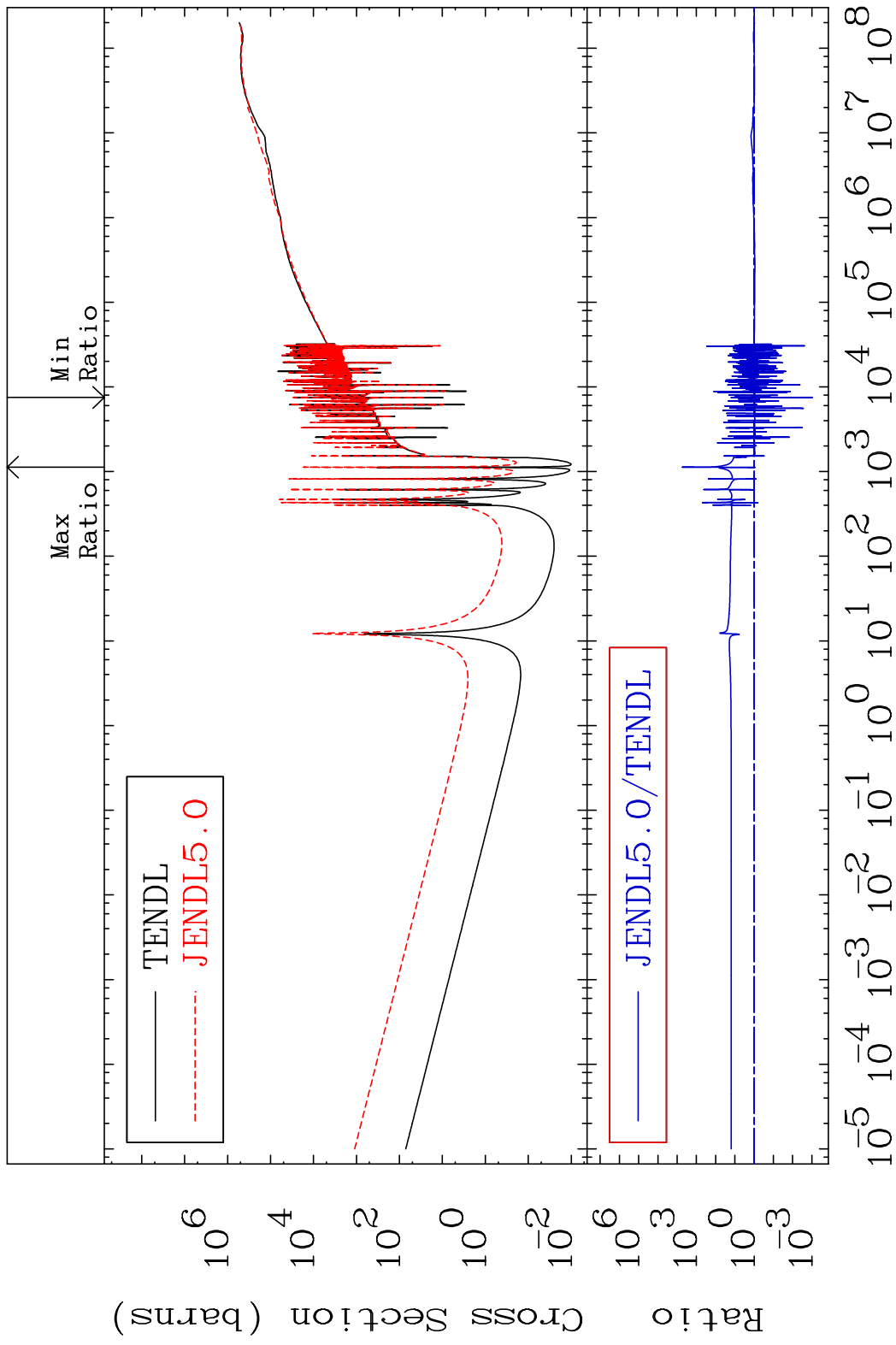
MAT 4243 Total photon (eV-barns) 42-Mo-98
 Cross Section -99.99 To 9999. %



MAT 4243 Total kinematic kerma (high limit) 42-Mo-98
Cross Section -99.91 To 9999. %



MAT 4243 Dpa total (eV-barns) 42-Mo-98
 Cross Section -99.91 To 9999. %

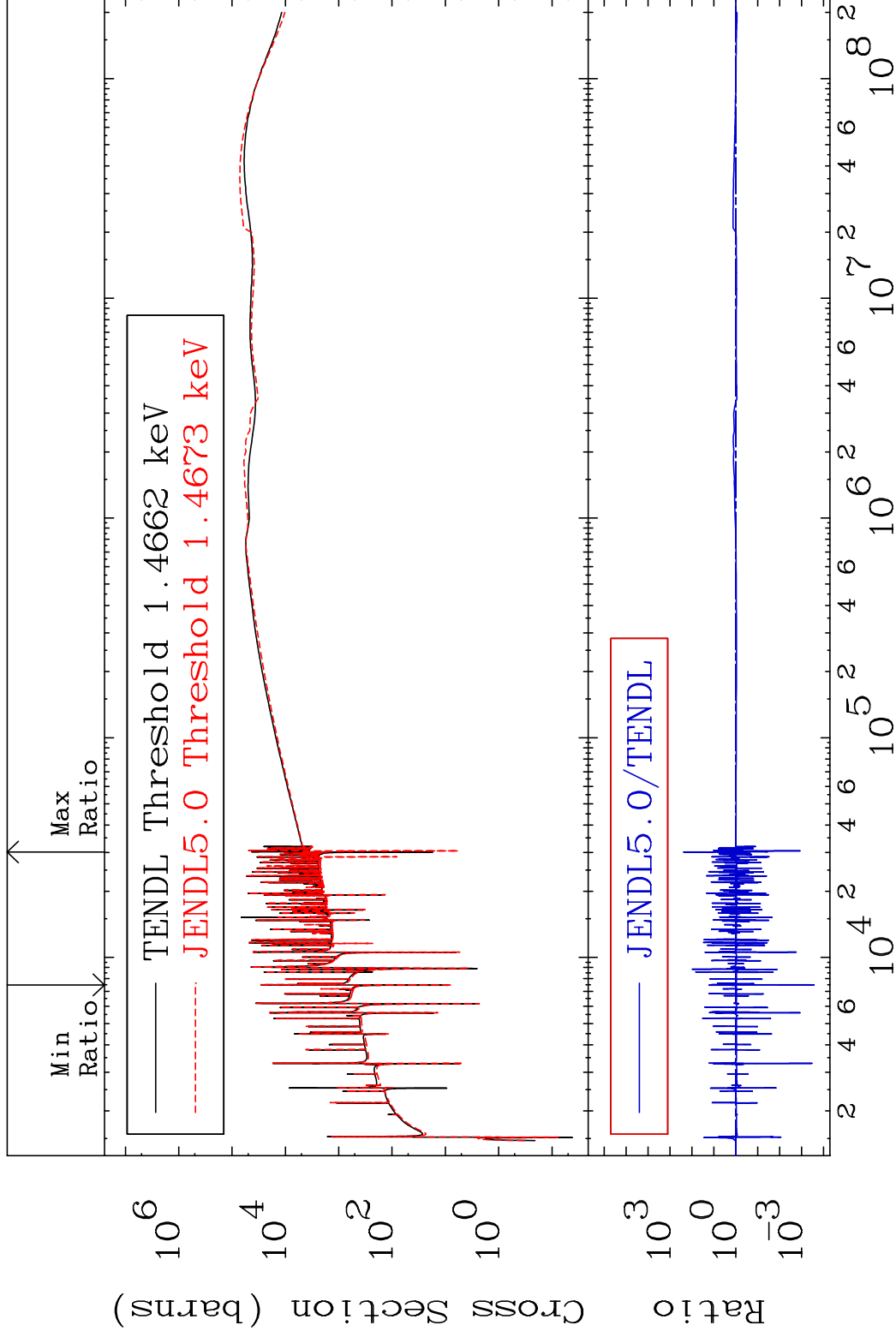


MAT 4243

Dpa elastic (mt2)

42-Mo-98

Cross Section -99.97 To 9999. %

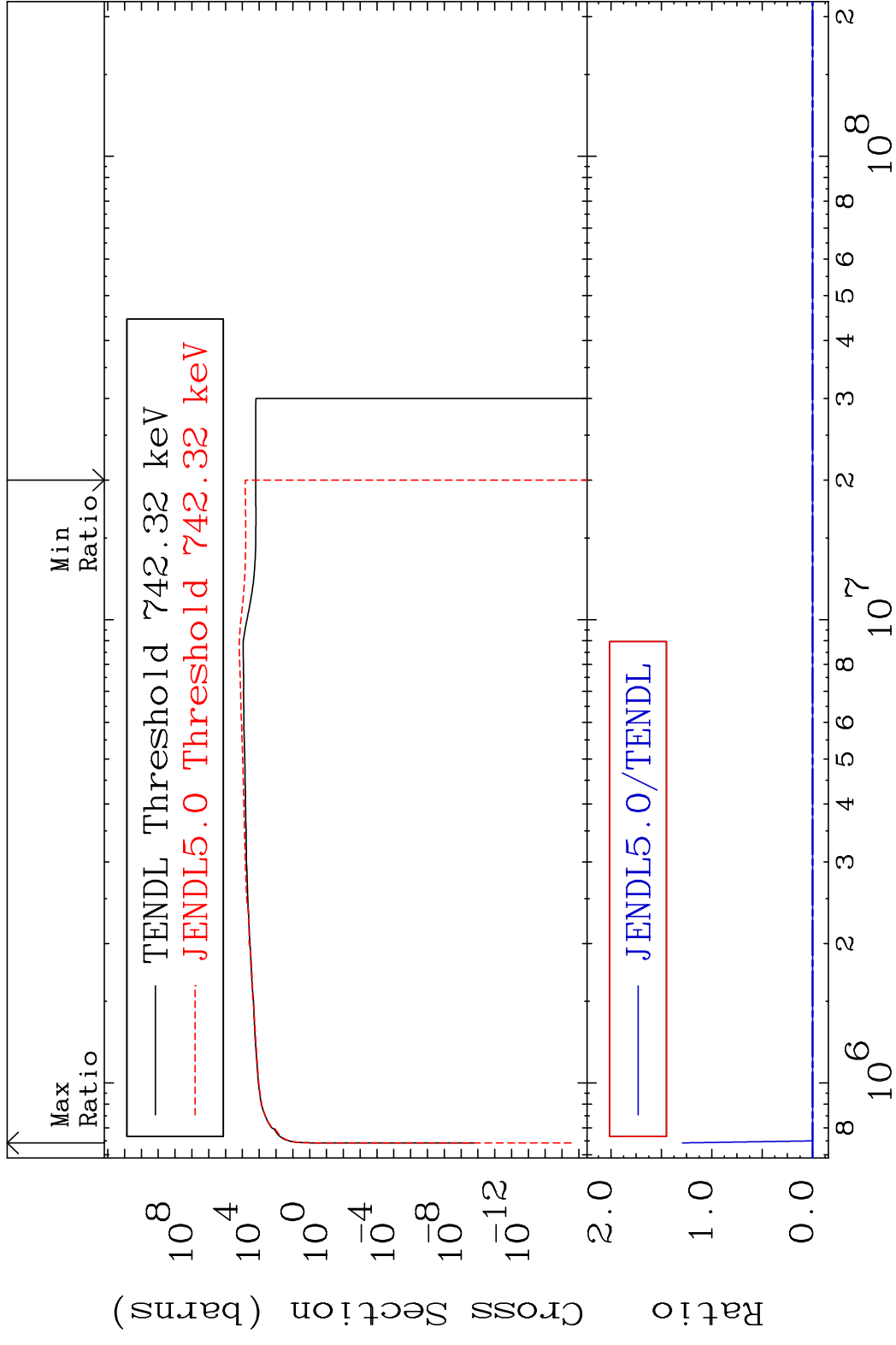


50

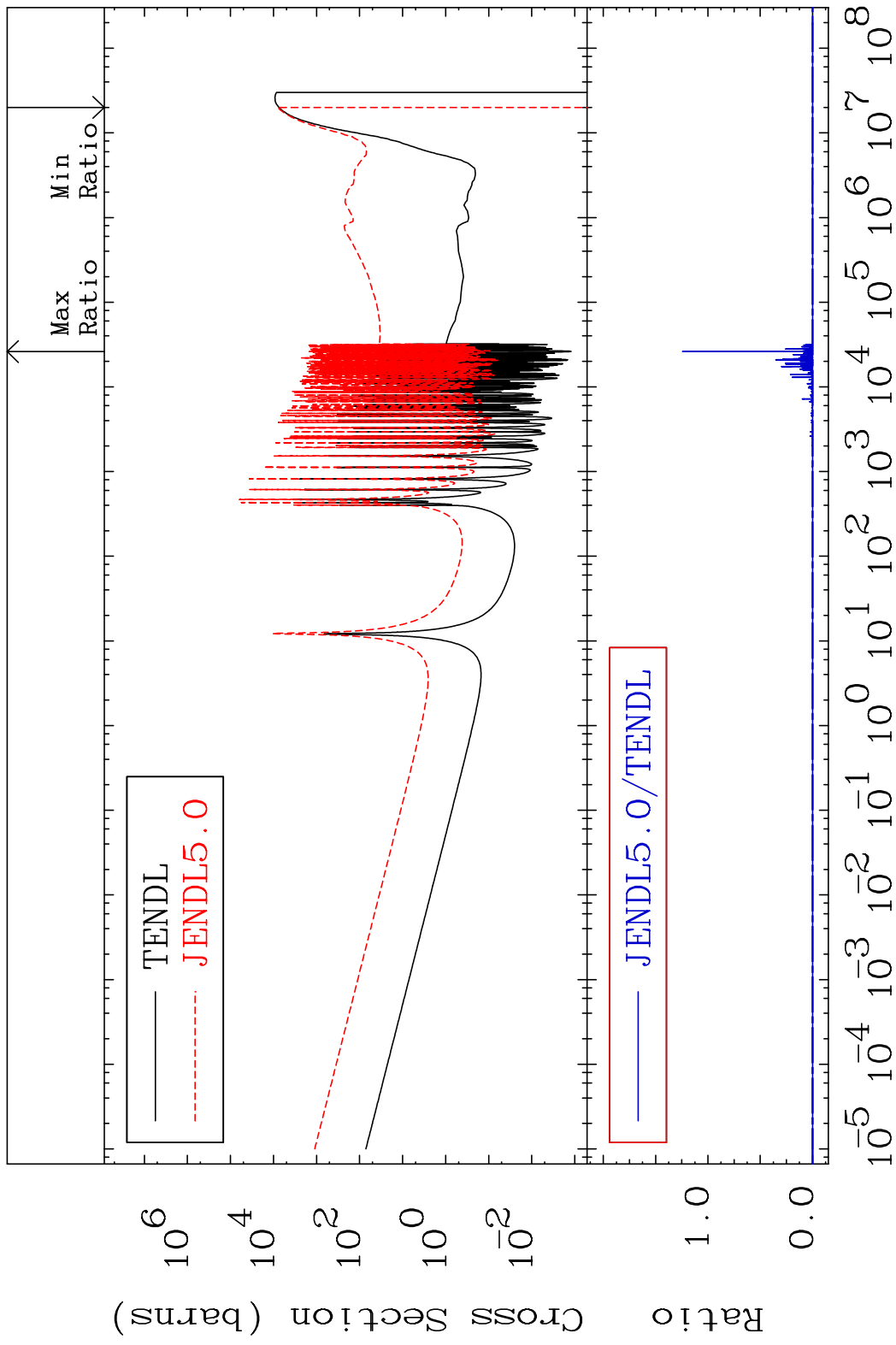
Incident Energy (eV)

42-Mo-98

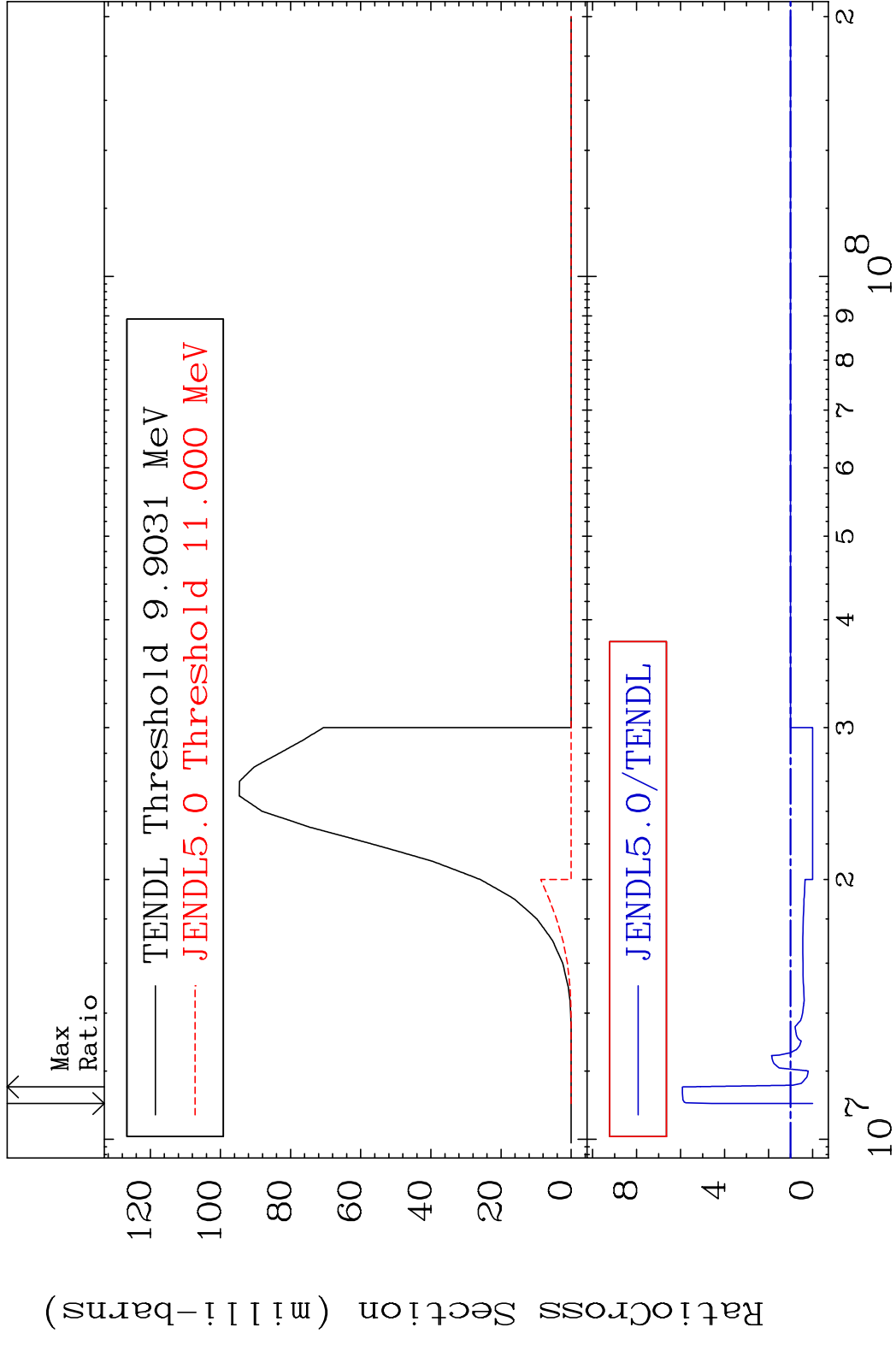
MAT 4243 Dpa inelastic (mt51-91) 42-Mo-98
 Cross Section -100.0 To 9999. %

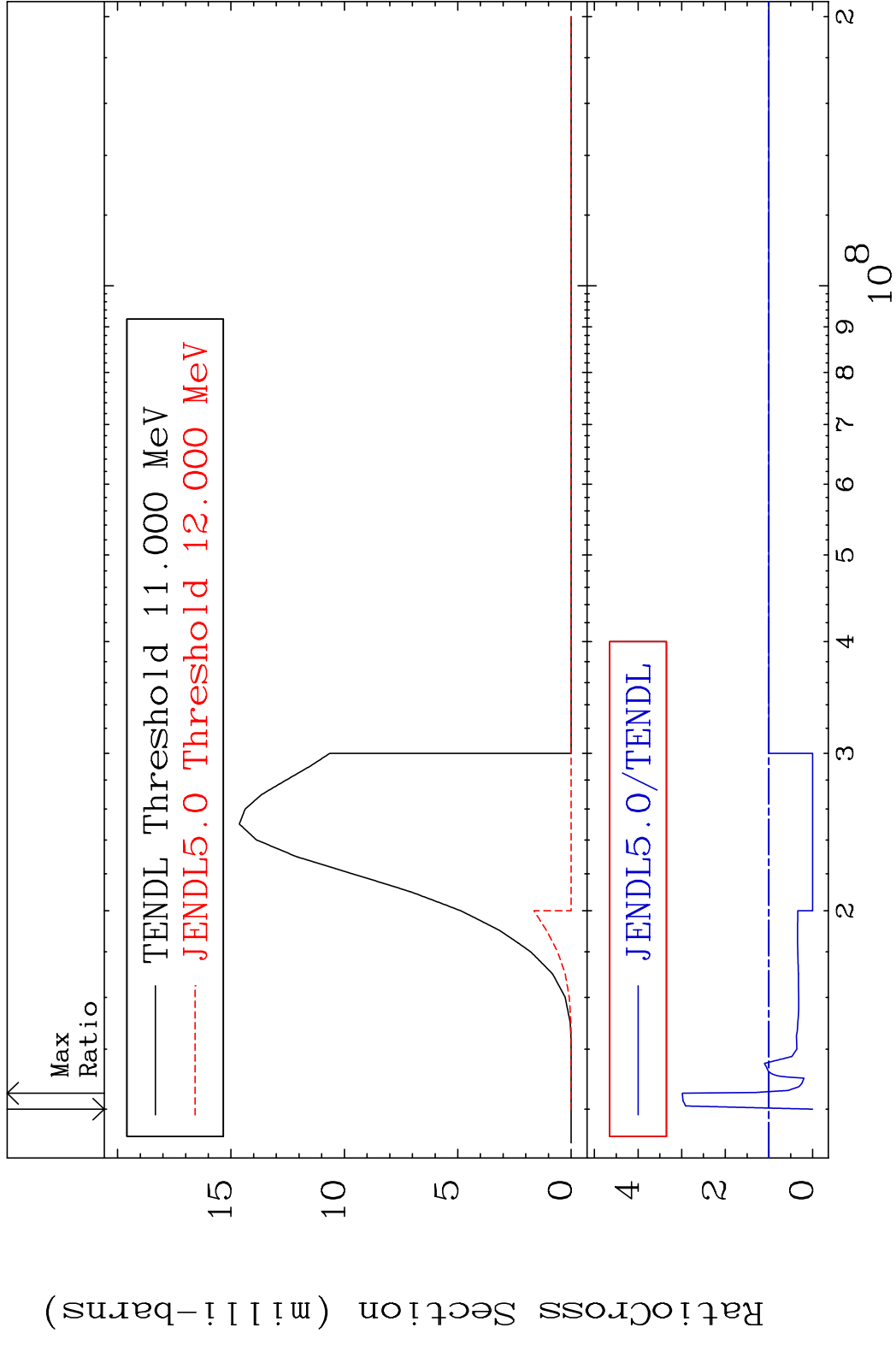


MAT 4243 Dpa disappearance (mt102 -120) 42-Mo-98
 Cross Section -100.0 To 9999. %



MAT 4243 (n, n') p:41-Nb-97g 42-Mo-98
 Radionuclide Production Cross Section 180.0 dno 492.0 %





MAT 4243 (n, p): 41-Nb-98g 42-Mo-98
 Radionuclide Production Cross Section 153.6 %

