

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

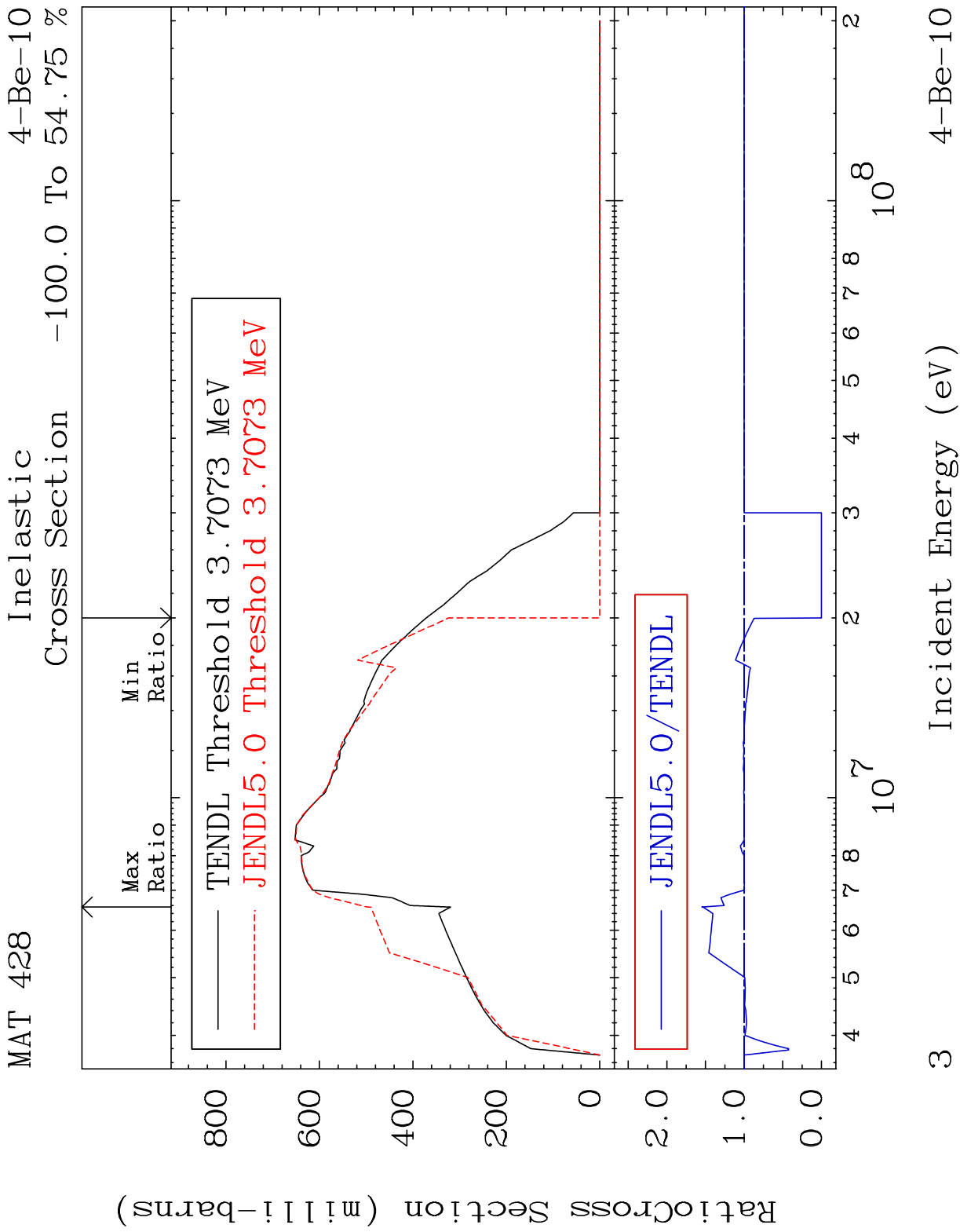
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Press Mouse Button to Start

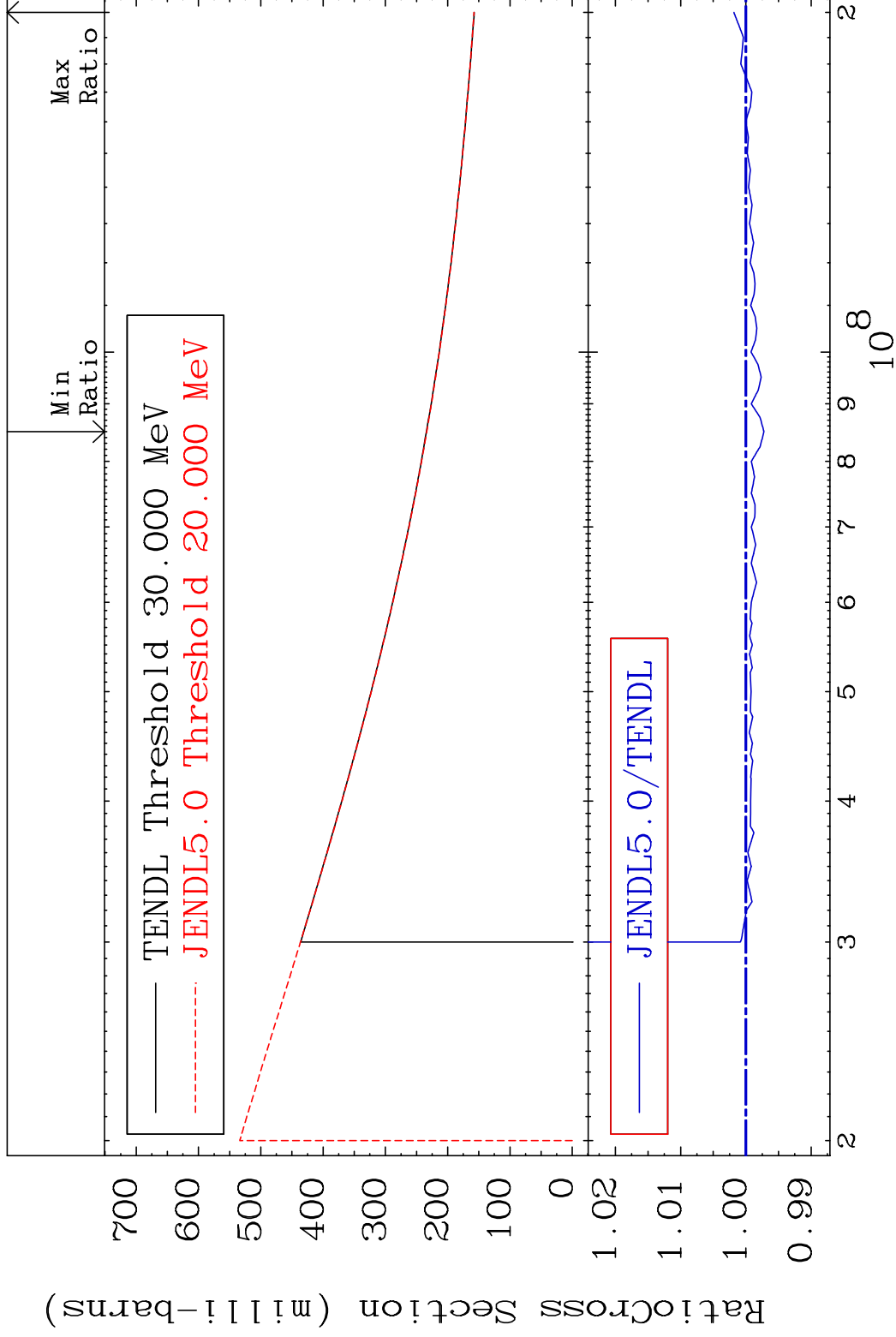


MAT 428

(n, remainder)

4-Be-10

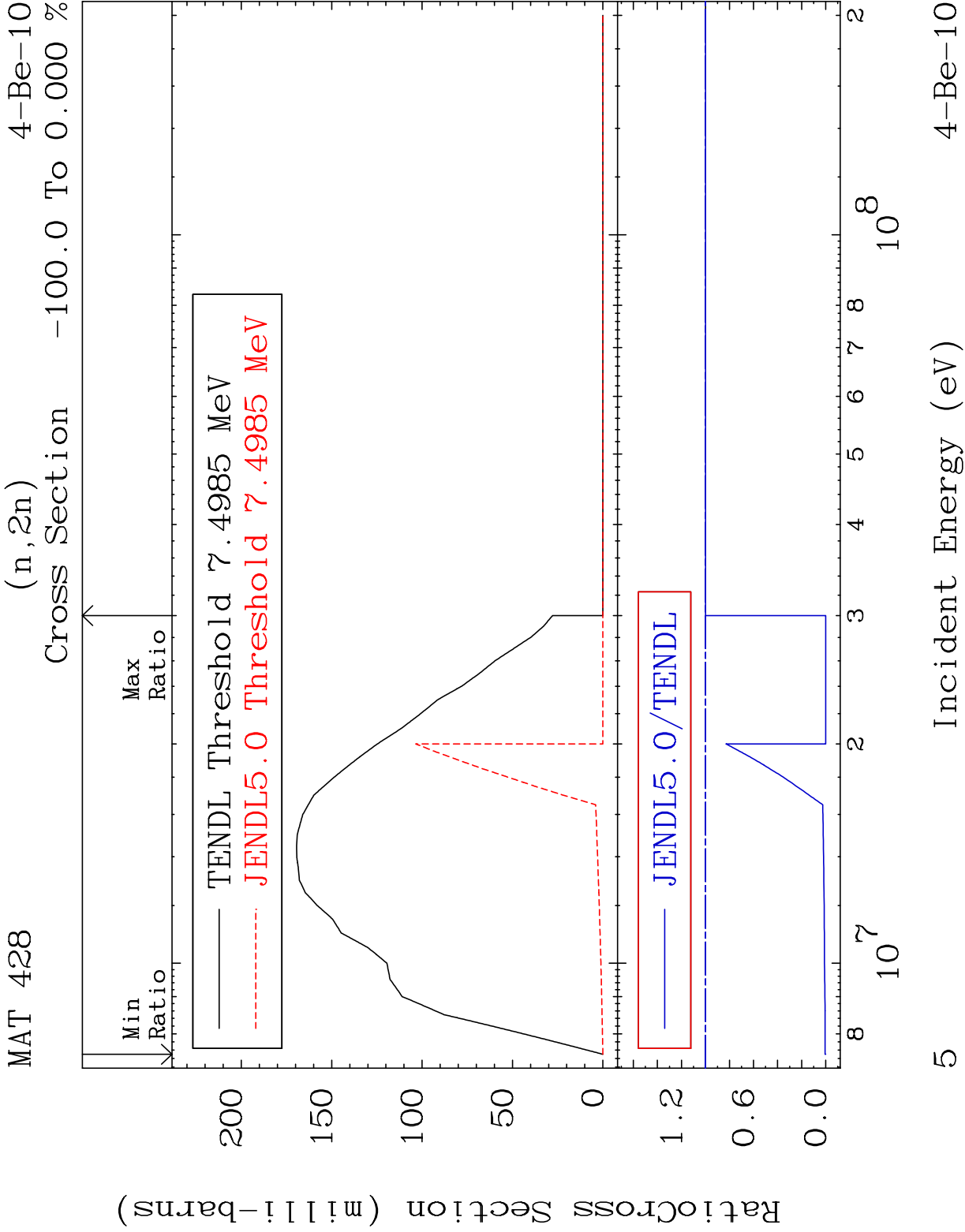
Cross Section -0.277 To 0.184 %

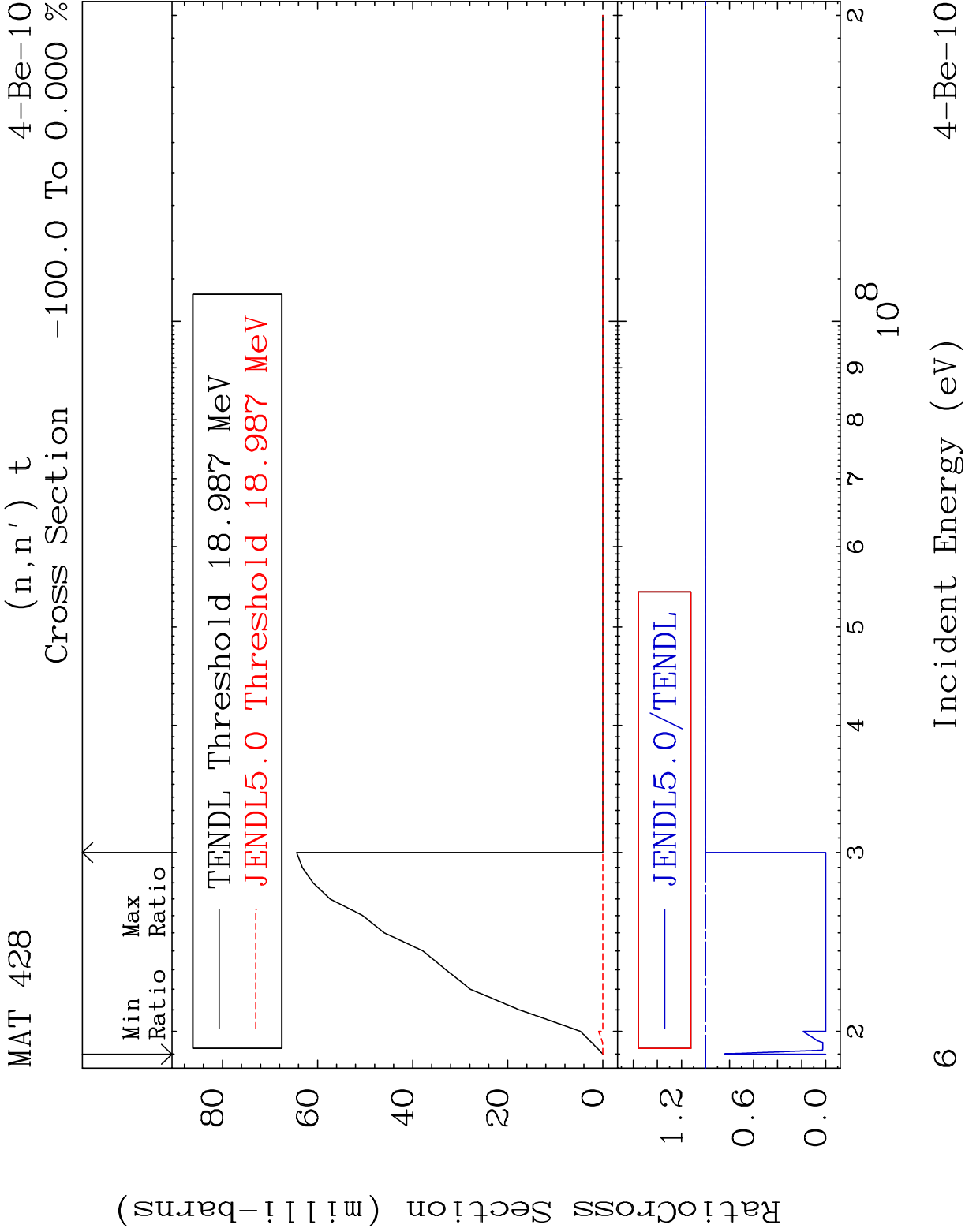


4

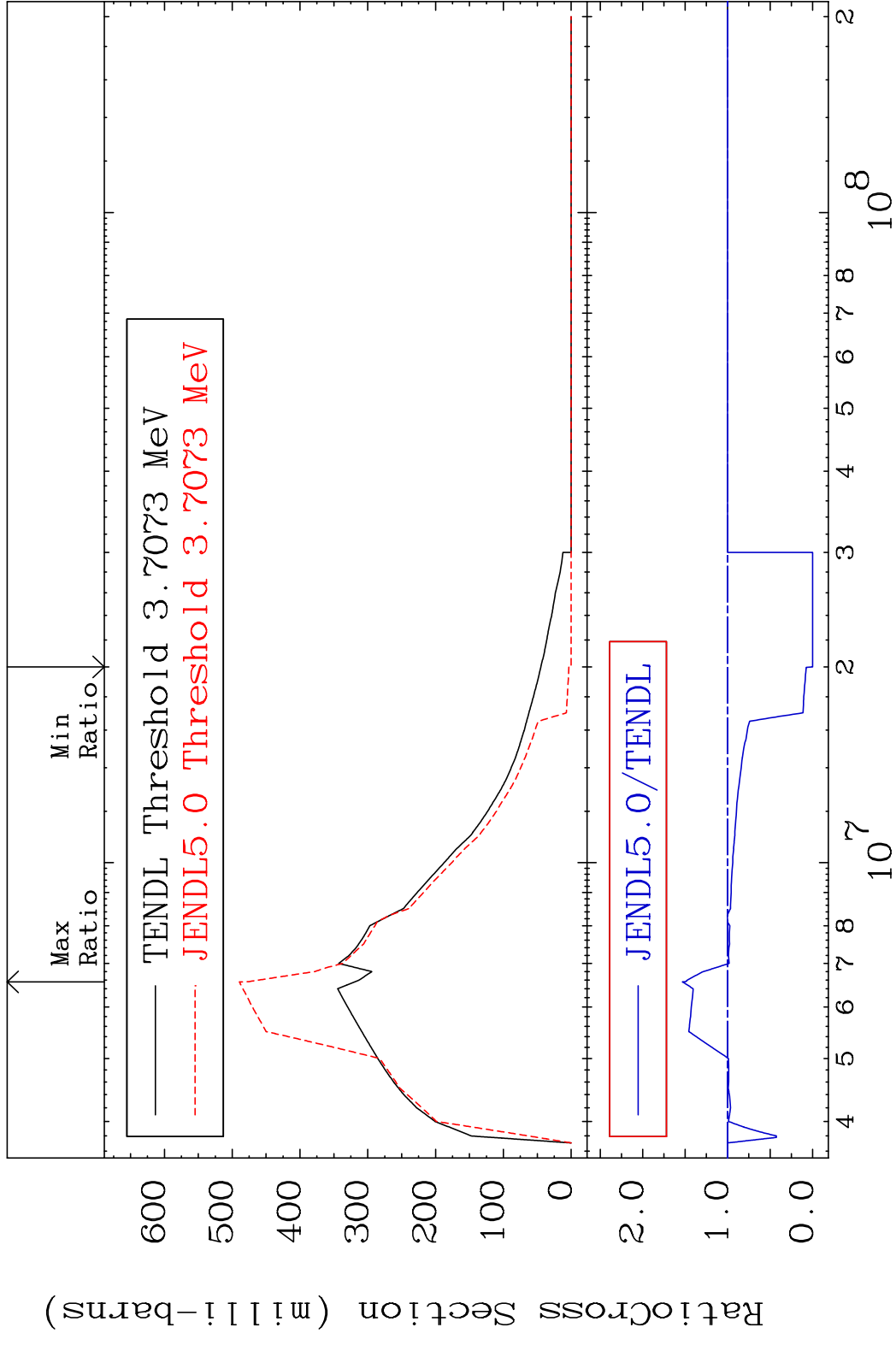
Incident Energy (eV)

4-Be-10



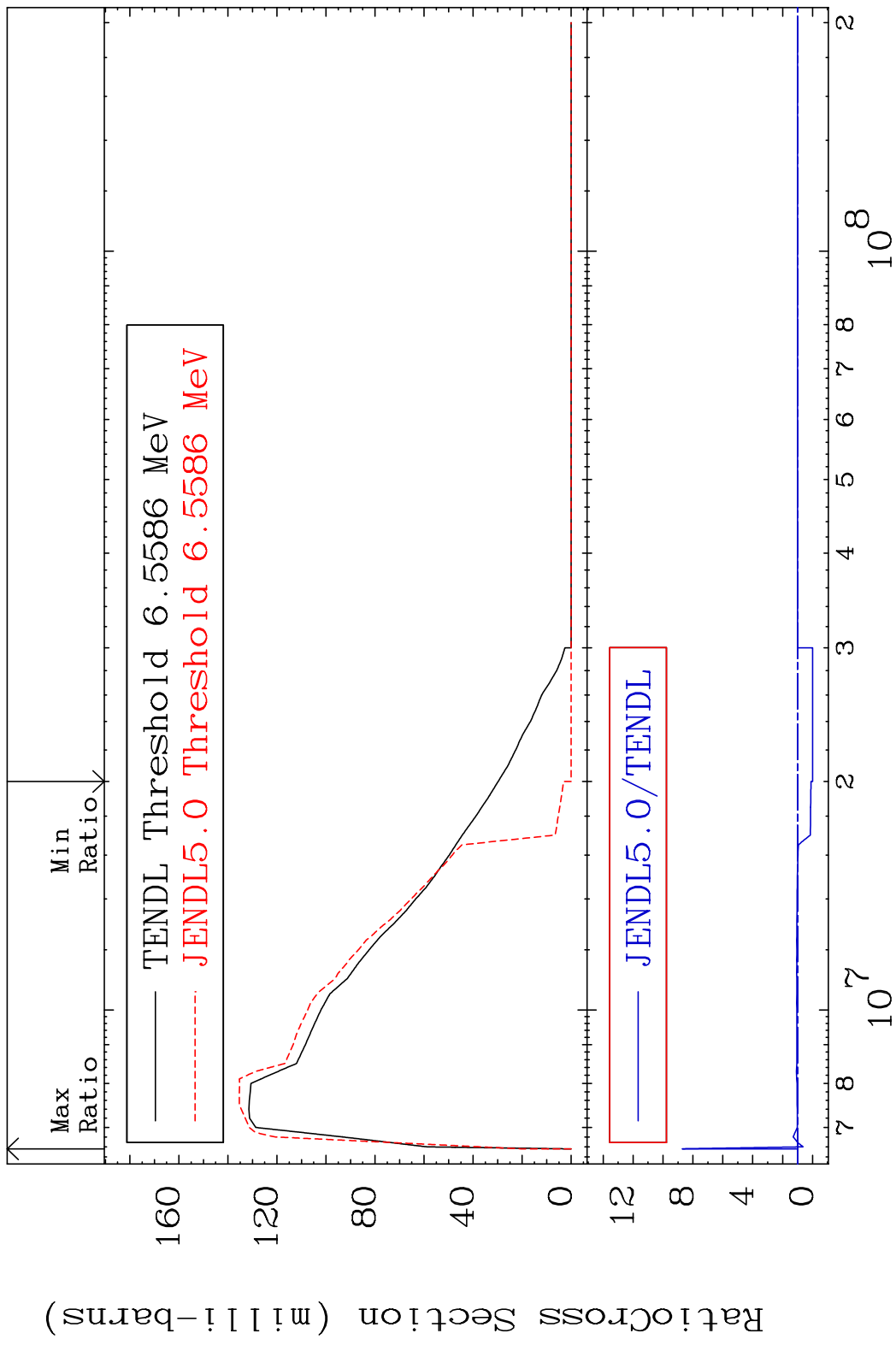


MAT 428 MT= 51 (n, n') Level 4-Be-10
 Cross Section -100.0 To 53.27 %



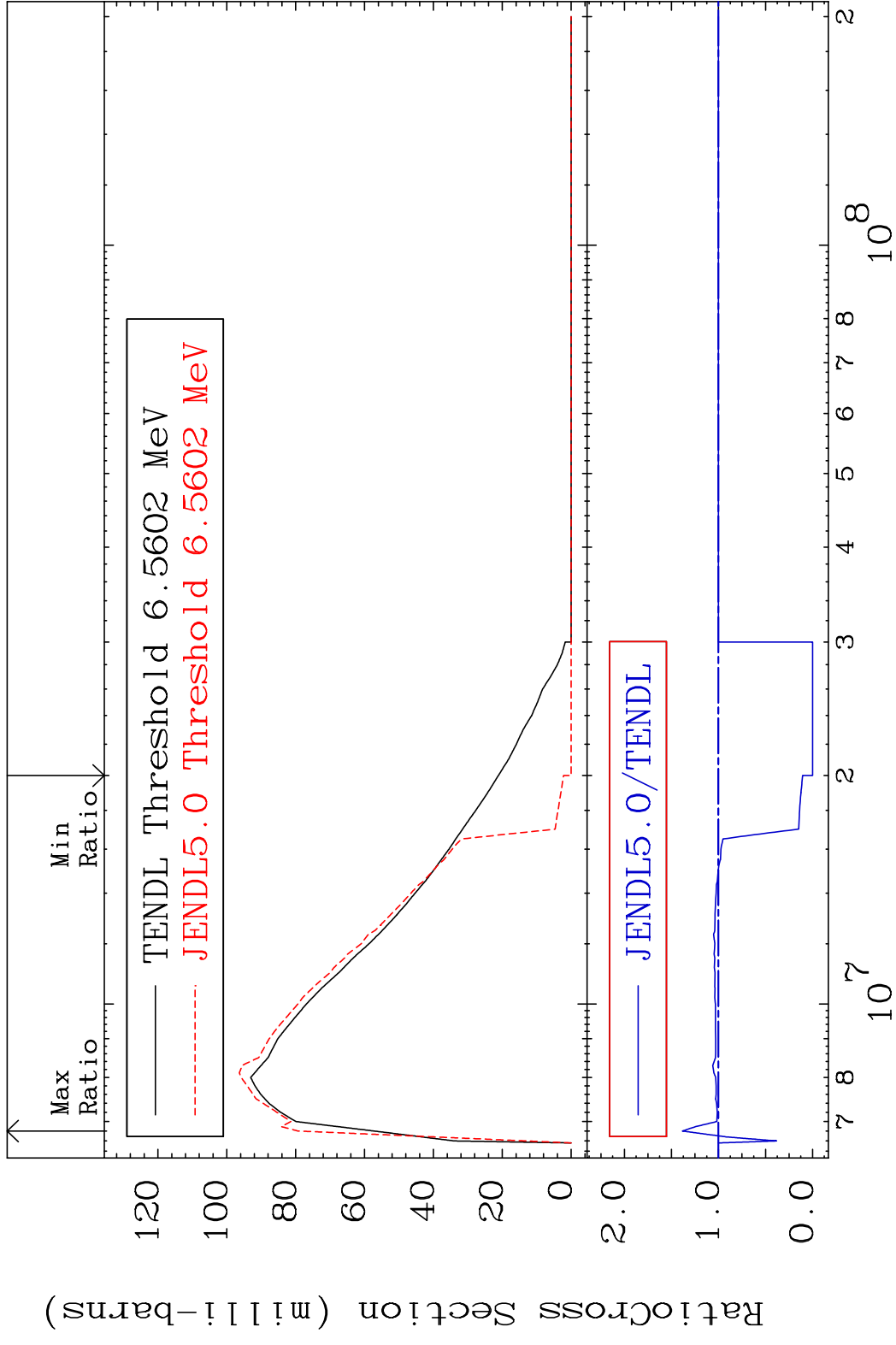
7 4-Be-10

MAT 428 MT= 52 (n, n') Level 4-Be-10
 Cross Section -100.0 To 770.7 %

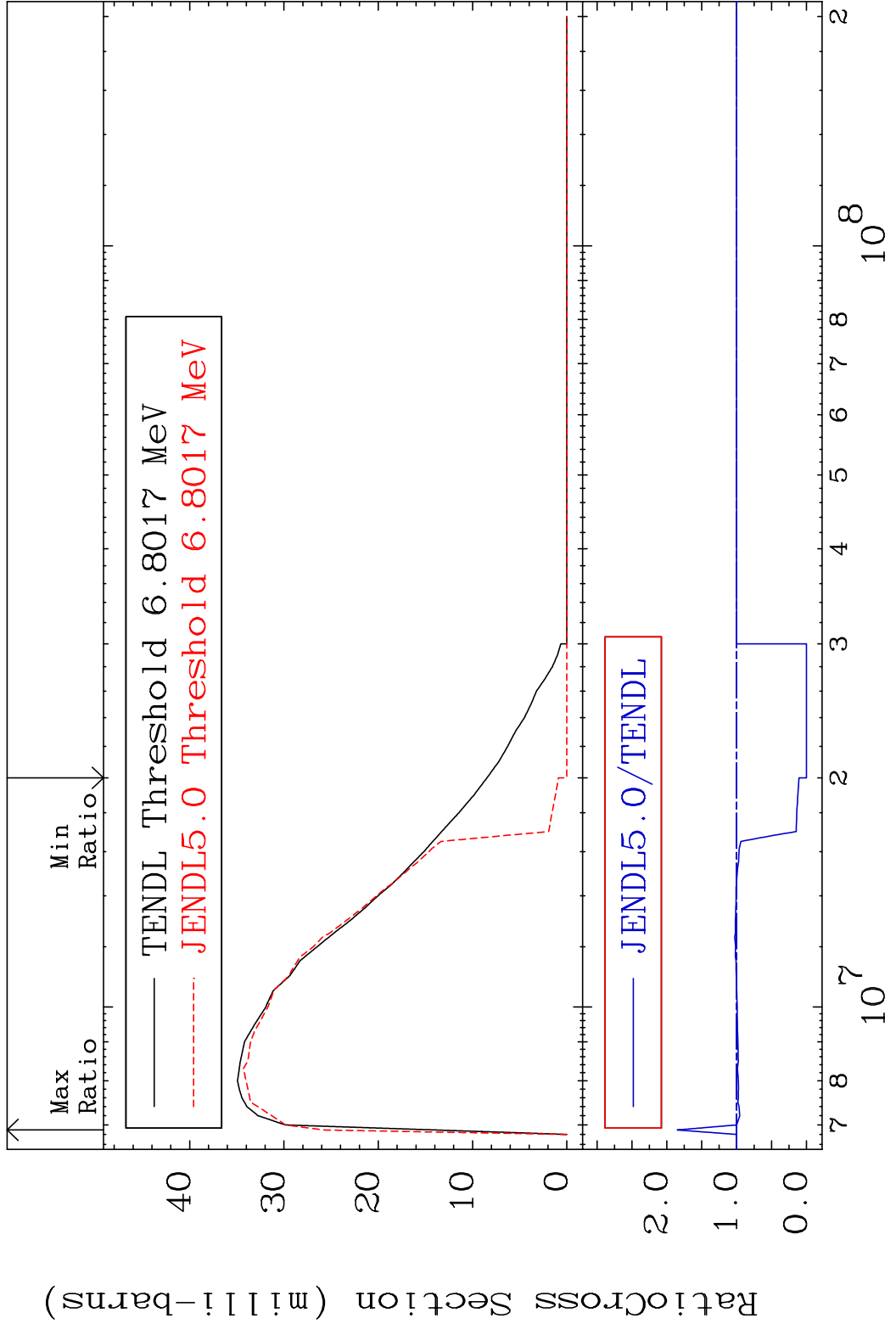


8 8 Incident Energy (eV) 4-Be-10

MAT 428 MT= 53 (n, n') Level 4-Be-10
 Cross Section -100.0 To 38.40 %

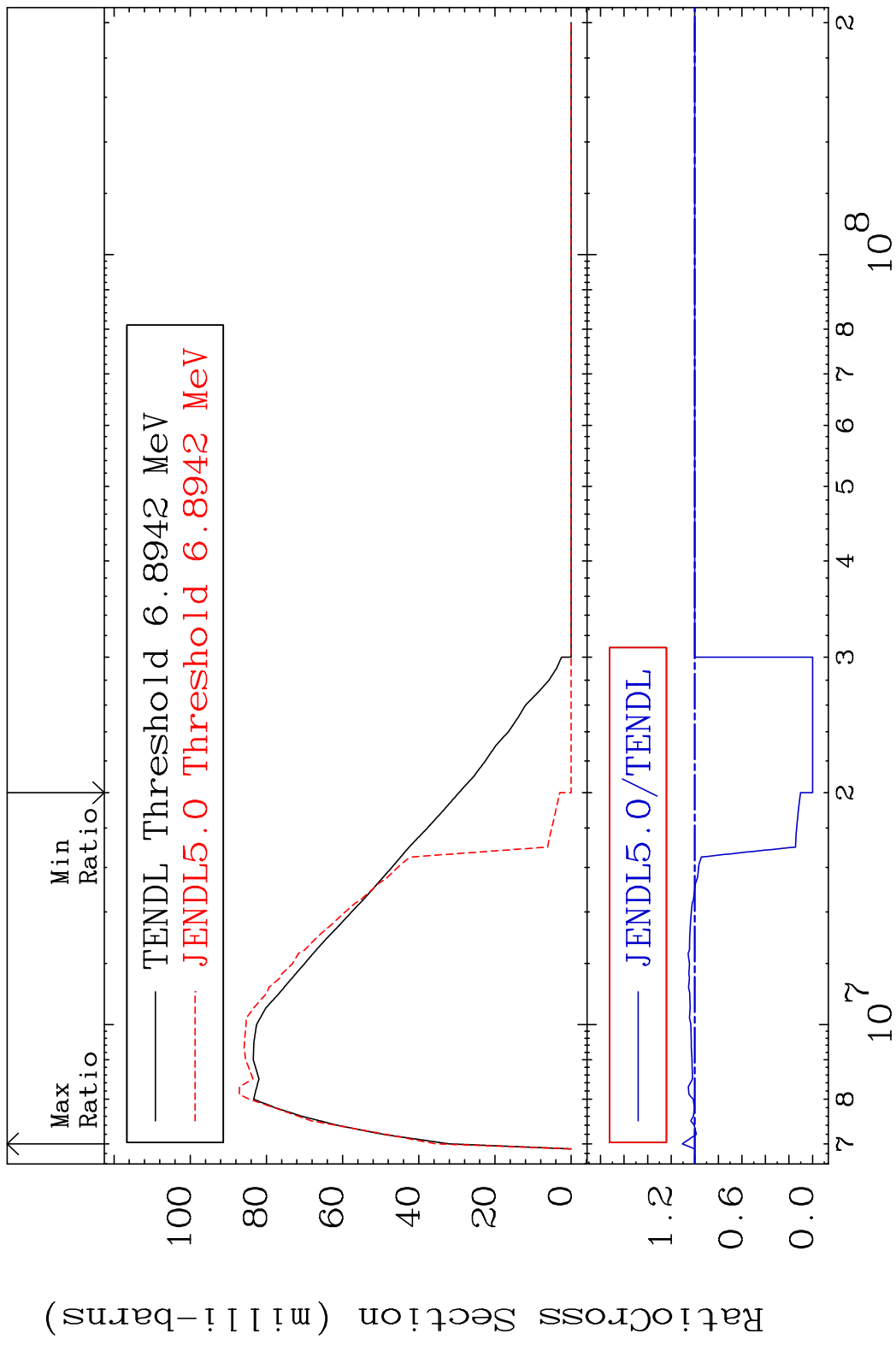


MAT 428 MT= 54 (n, n') Level 4-Be-10
 Cross Section -100.0 To 85.18 %

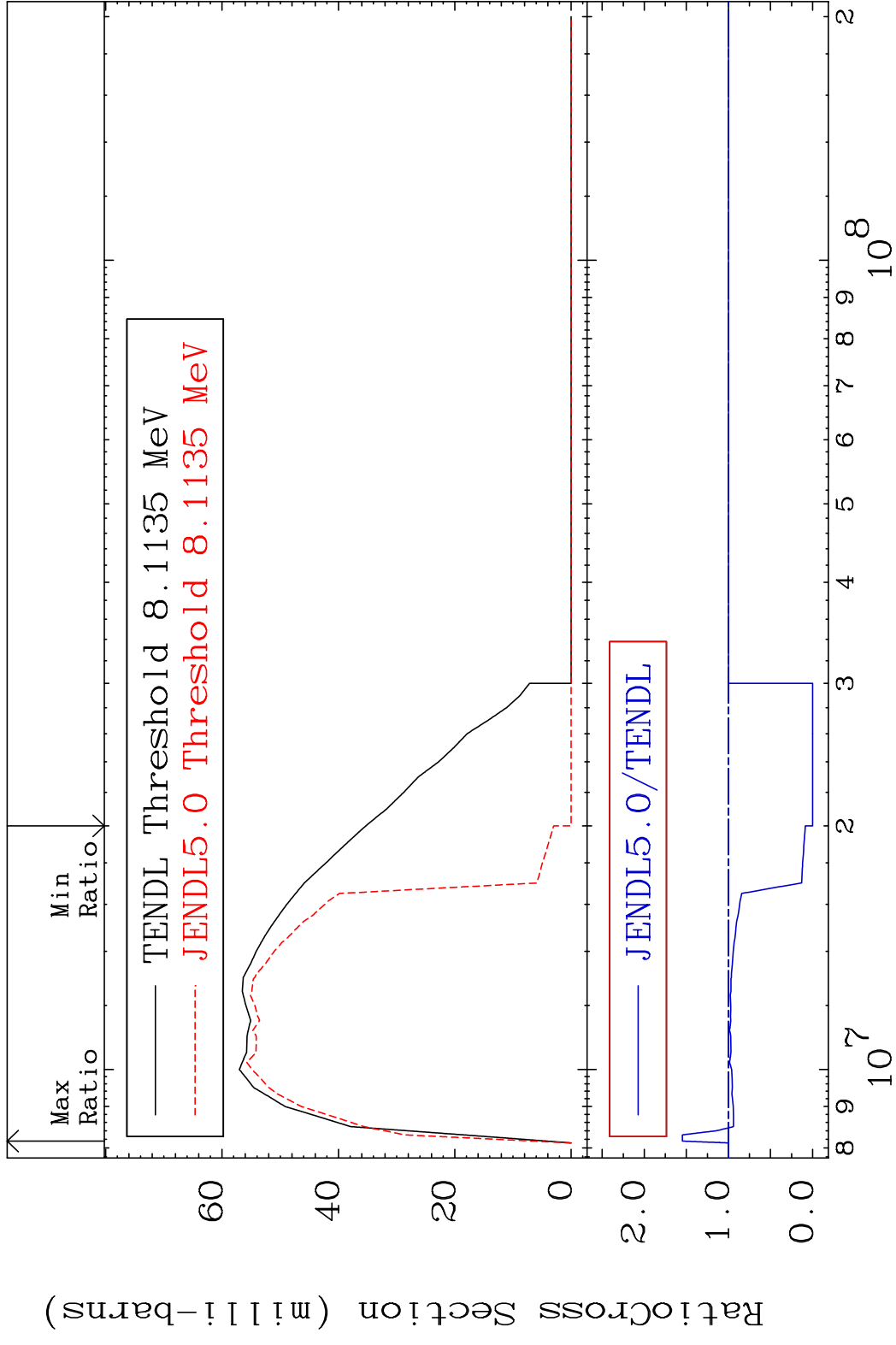


10 7 8 10 8 2

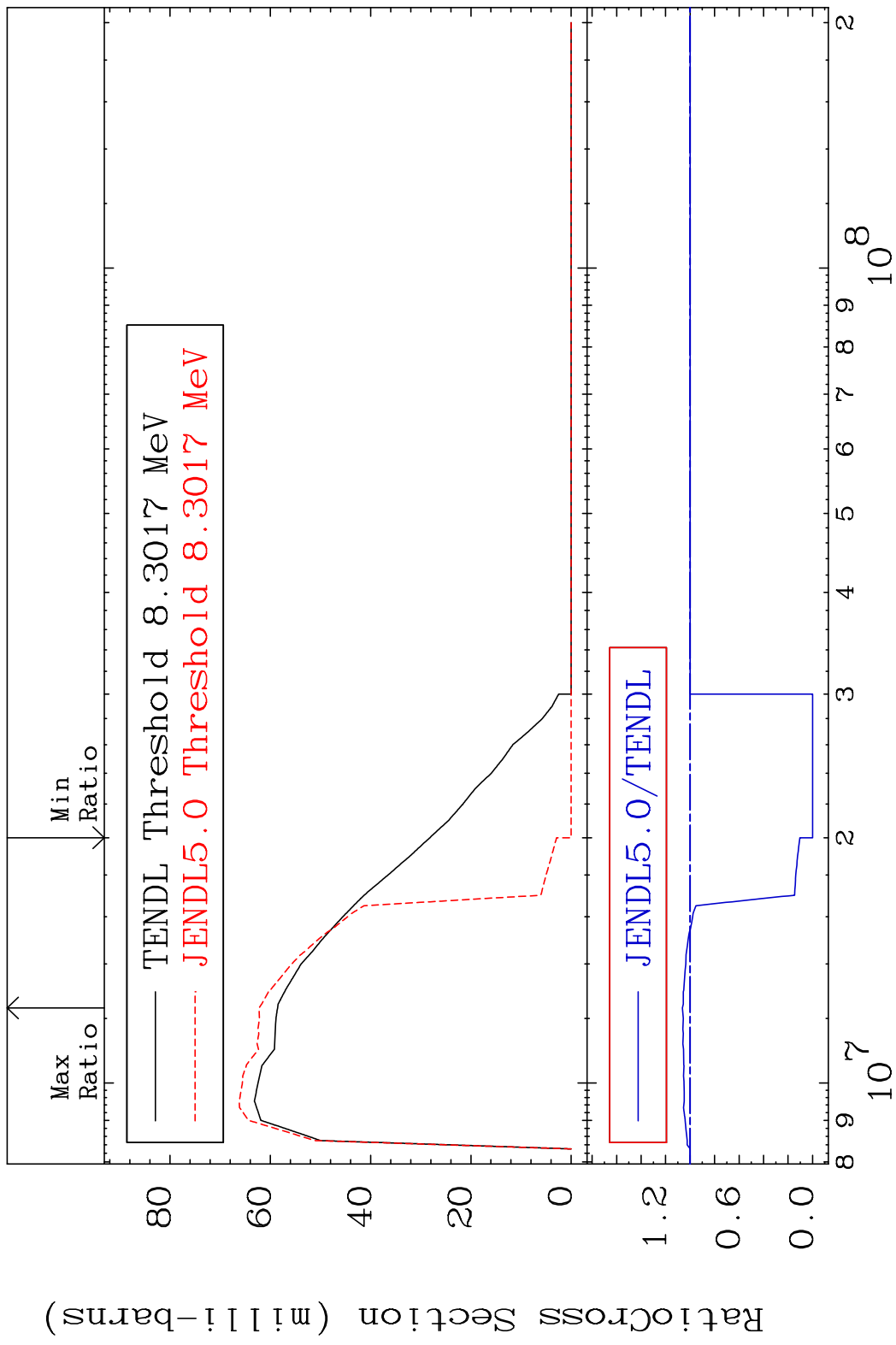
MAT 428 MT= 55 (n,n') Level 4-Be-10
 Cross Section -100.0 To 10.55 %



MAT 428 MT= 56 (n, n') Level 4-Be-10
 Cross Section -100.0 To 54.75 %

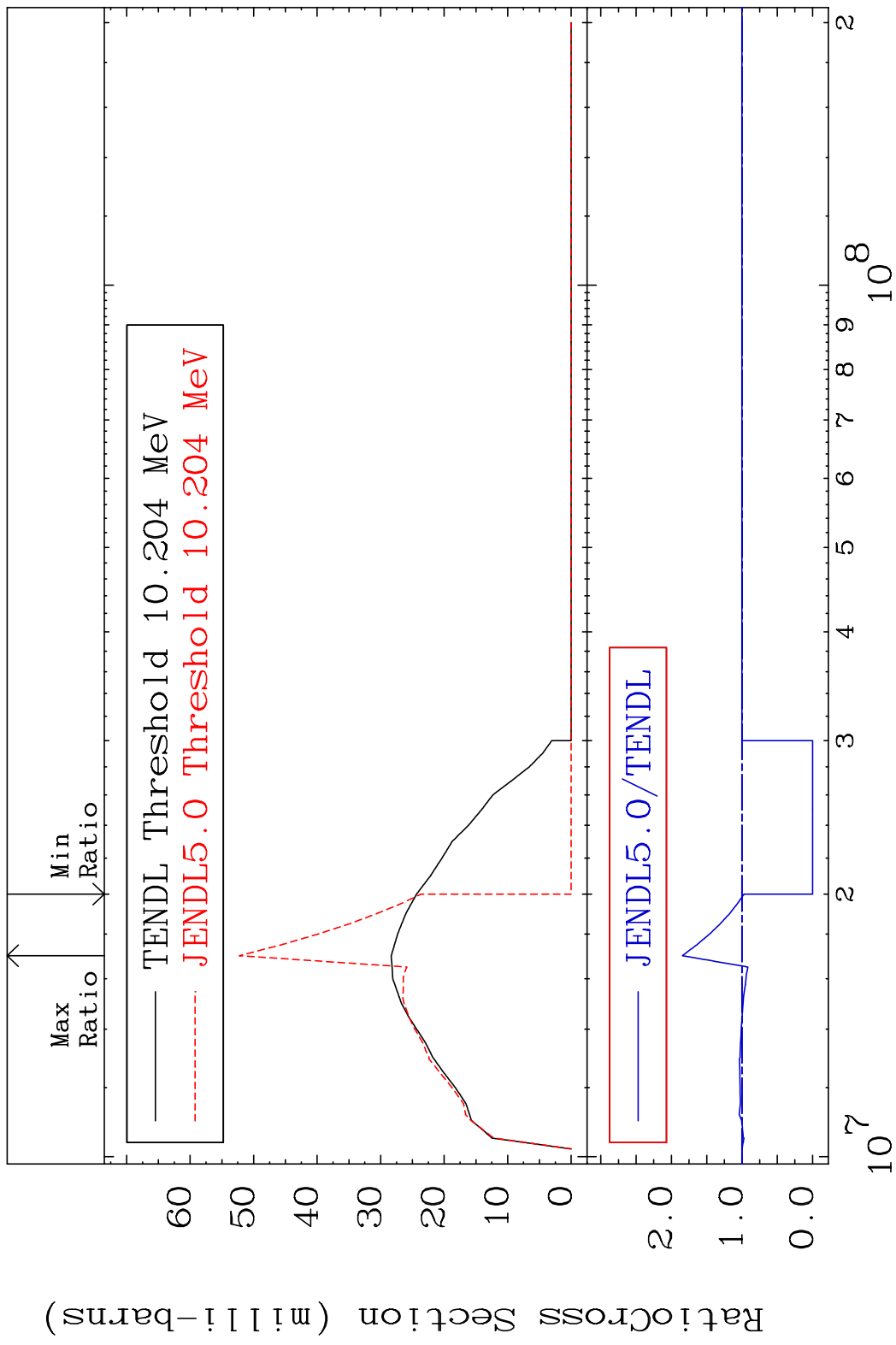


MAT 428 MT= 57 (n, n') Level 4-Be-10
 Cross Section -100.0 To 6.315 %



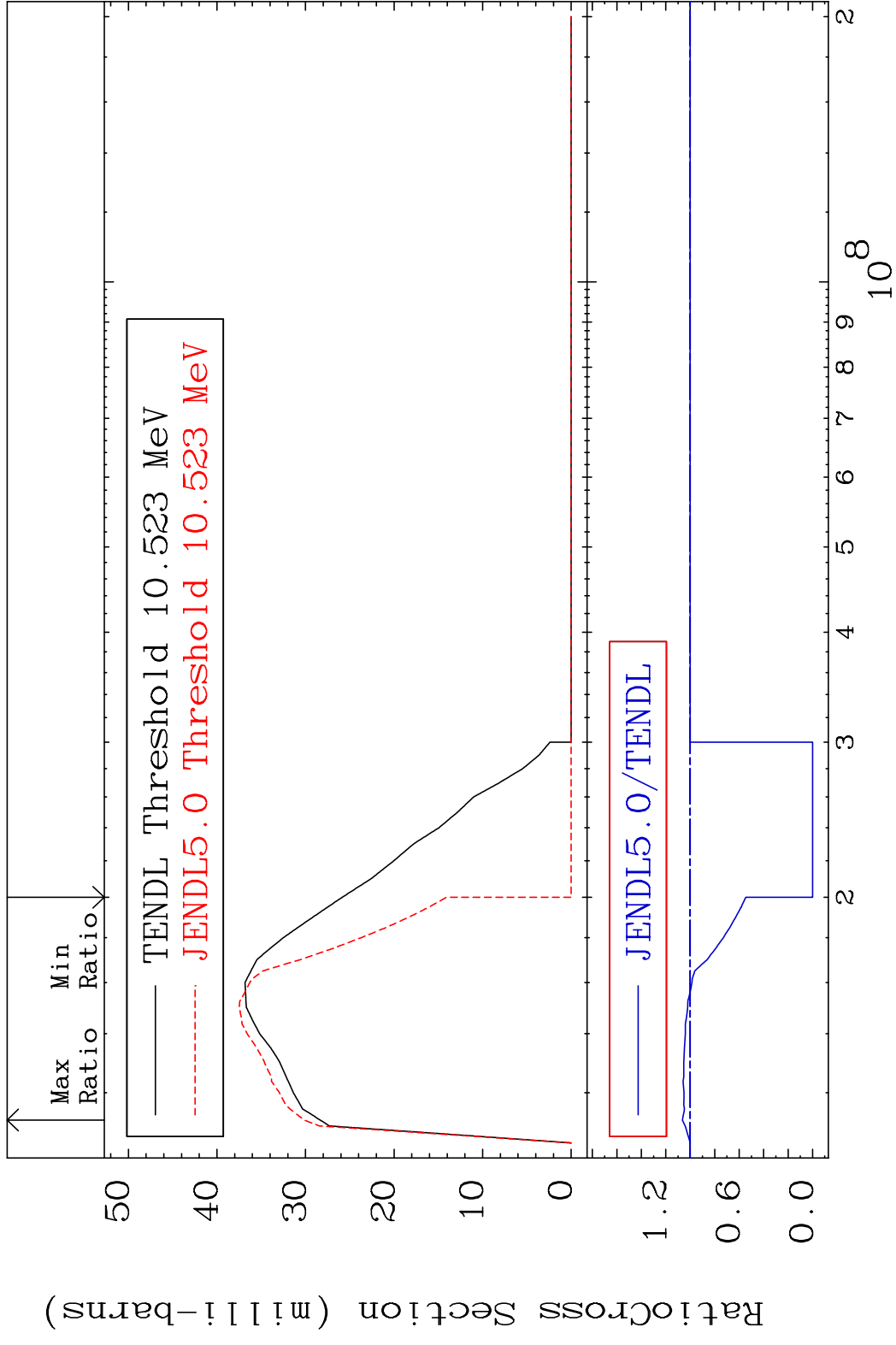
13 Incident Energy (eV) 4-Be-10

MAT 428 MT= 58 (n, n') Level 4-Be-10
 Cross Section -100.0 To 84.48 %

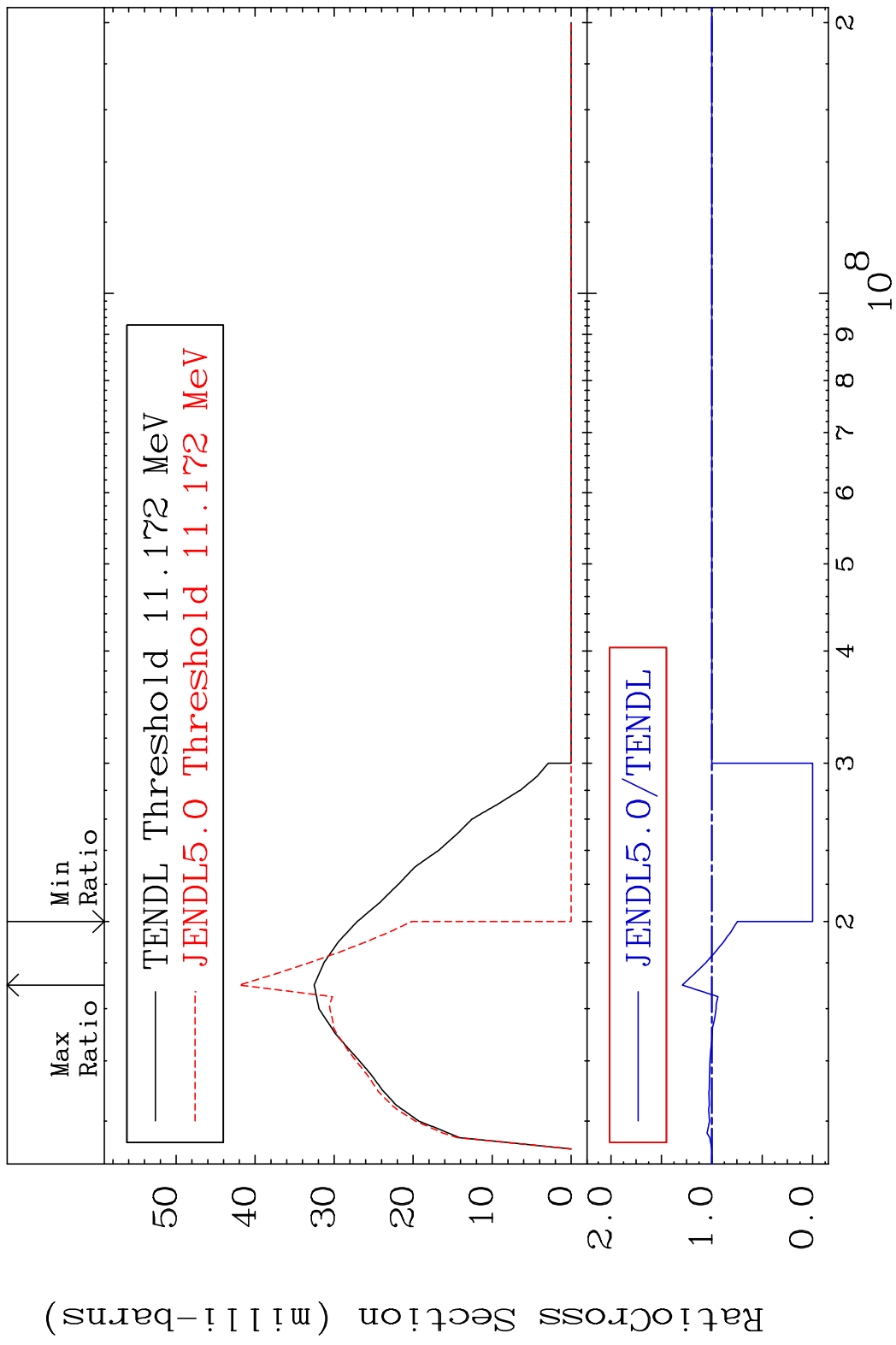


14 Incident Energy (eV) 4-Be-10

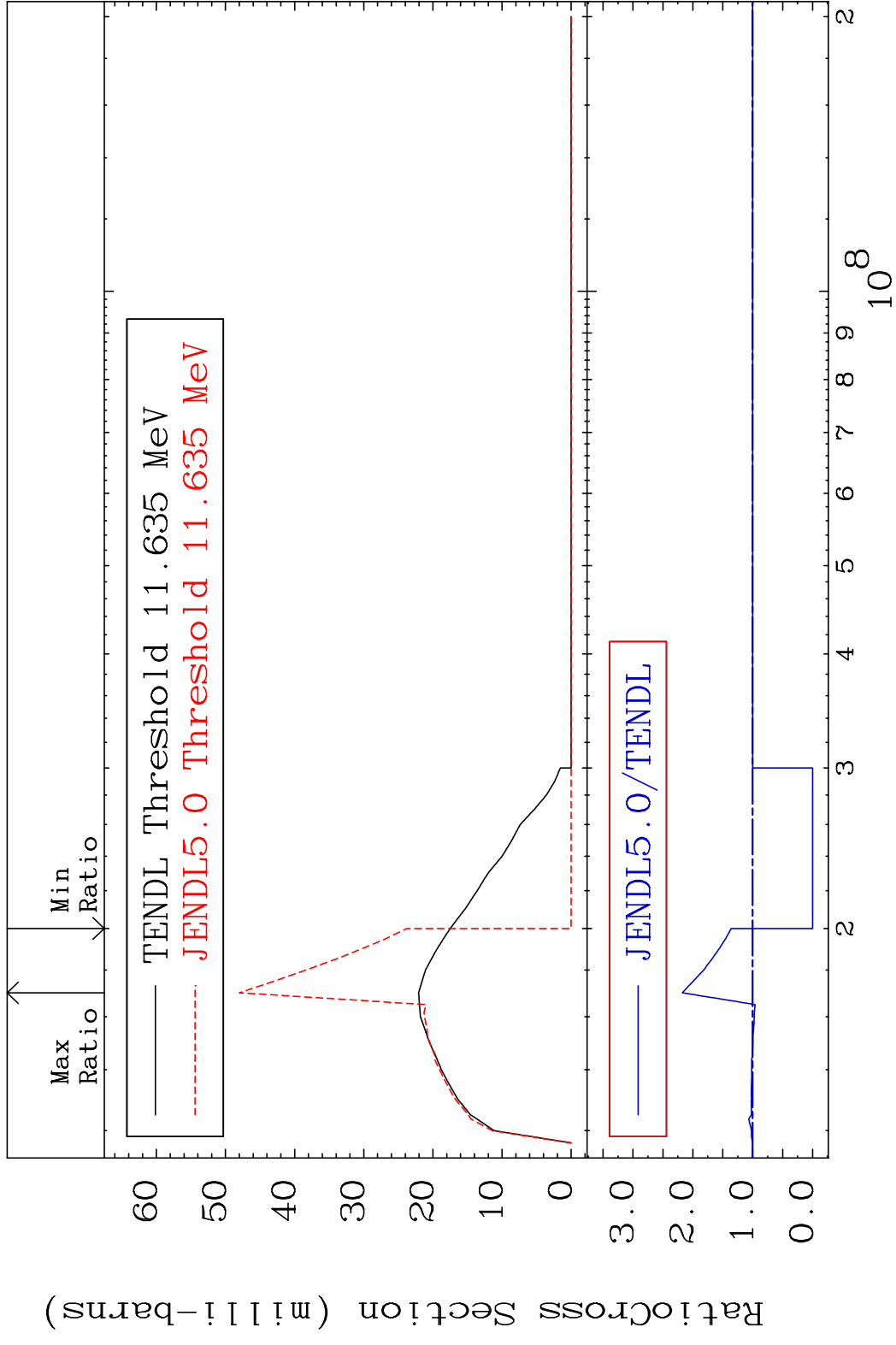
MAT 428 MT= 59 (n,n') Level 4-Be-10
 Cross Section -100.0 To 6.446 %



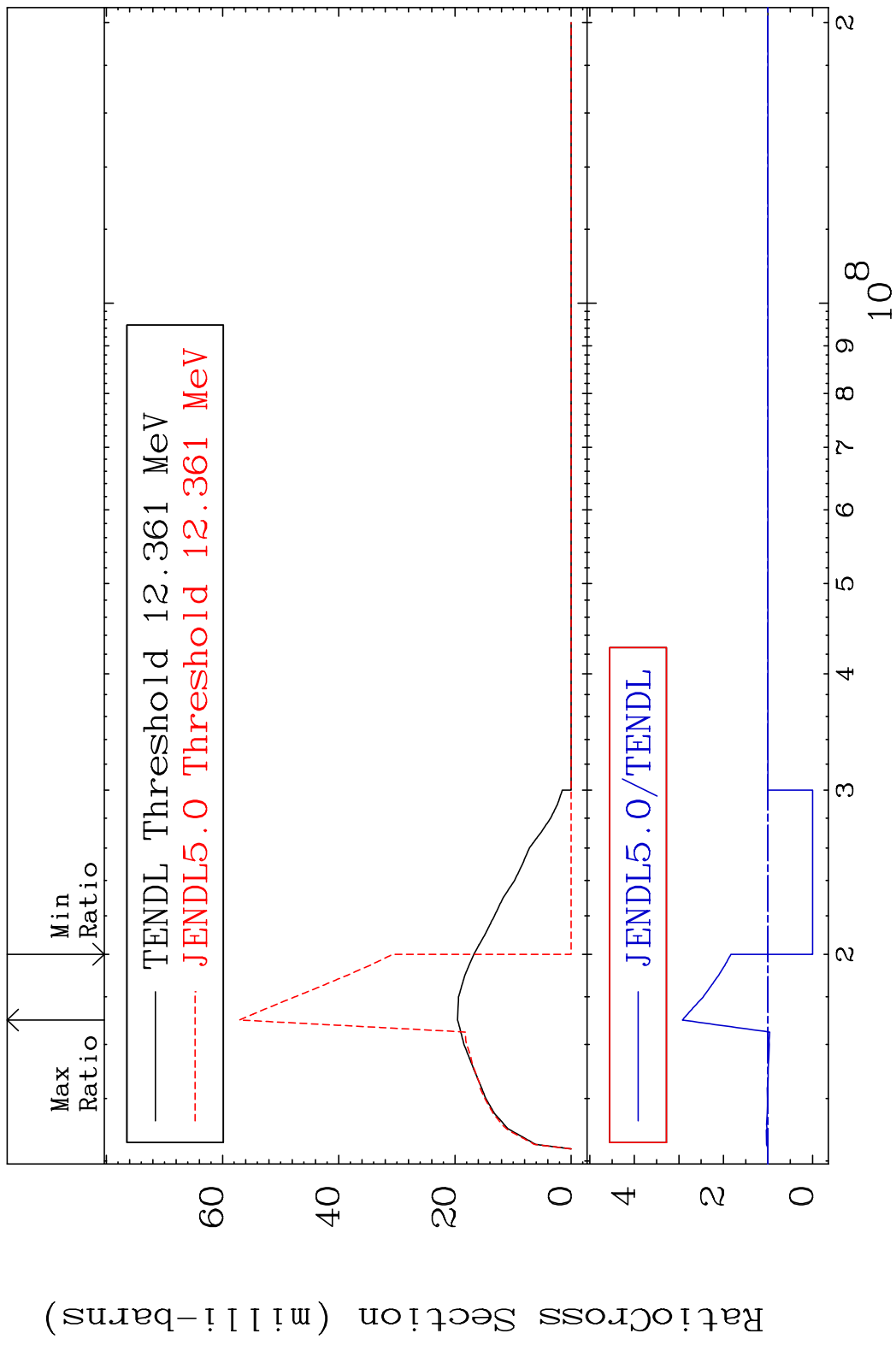
MAT 428 MT= 60 (n,n') Level 4-Be-10
 Cross Section -100.0 To 29.14 %



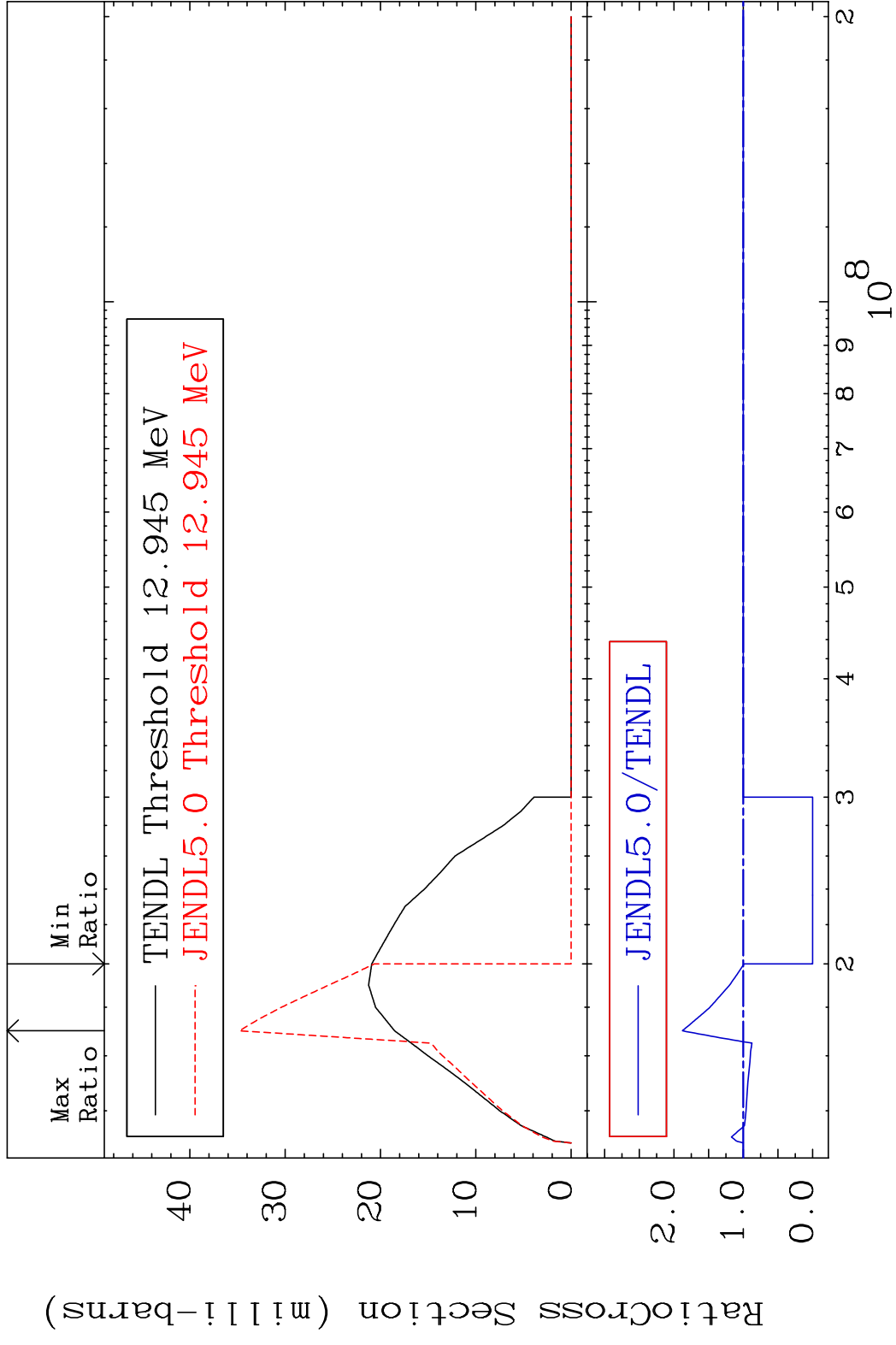
MAT 428 MT= 61 (n, n') Level 4-Be-10
 Cross Section -100.0 To 117.5 %



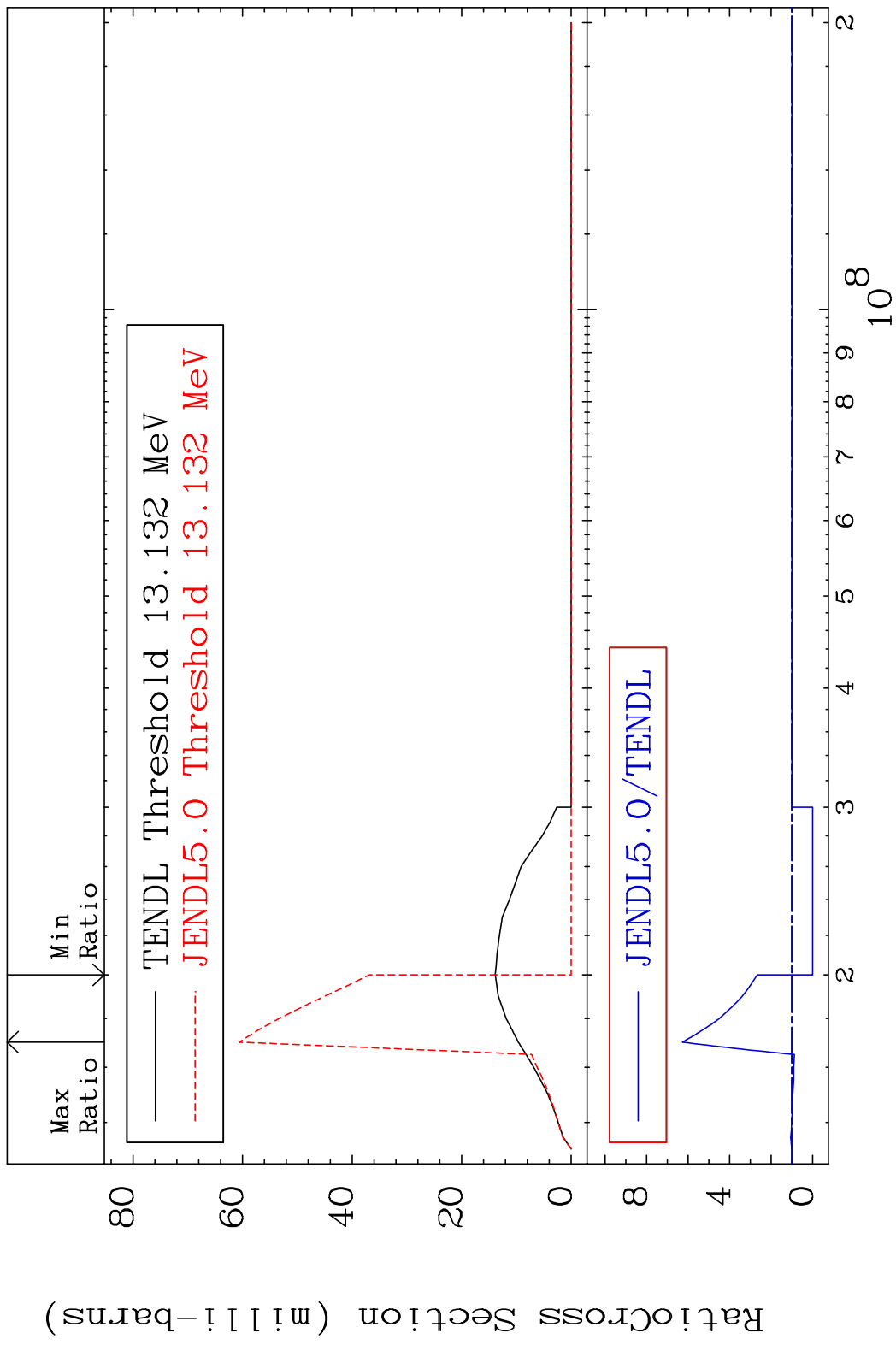
MAT 428 MT= 62 (n, n') Level 4-Be-10
 Cross Section -100.0 To 192.3 %



MAT 428 MT= 63 (n, n') Level 4-Be-10
 Cross Section -100.0 To 87.84 %

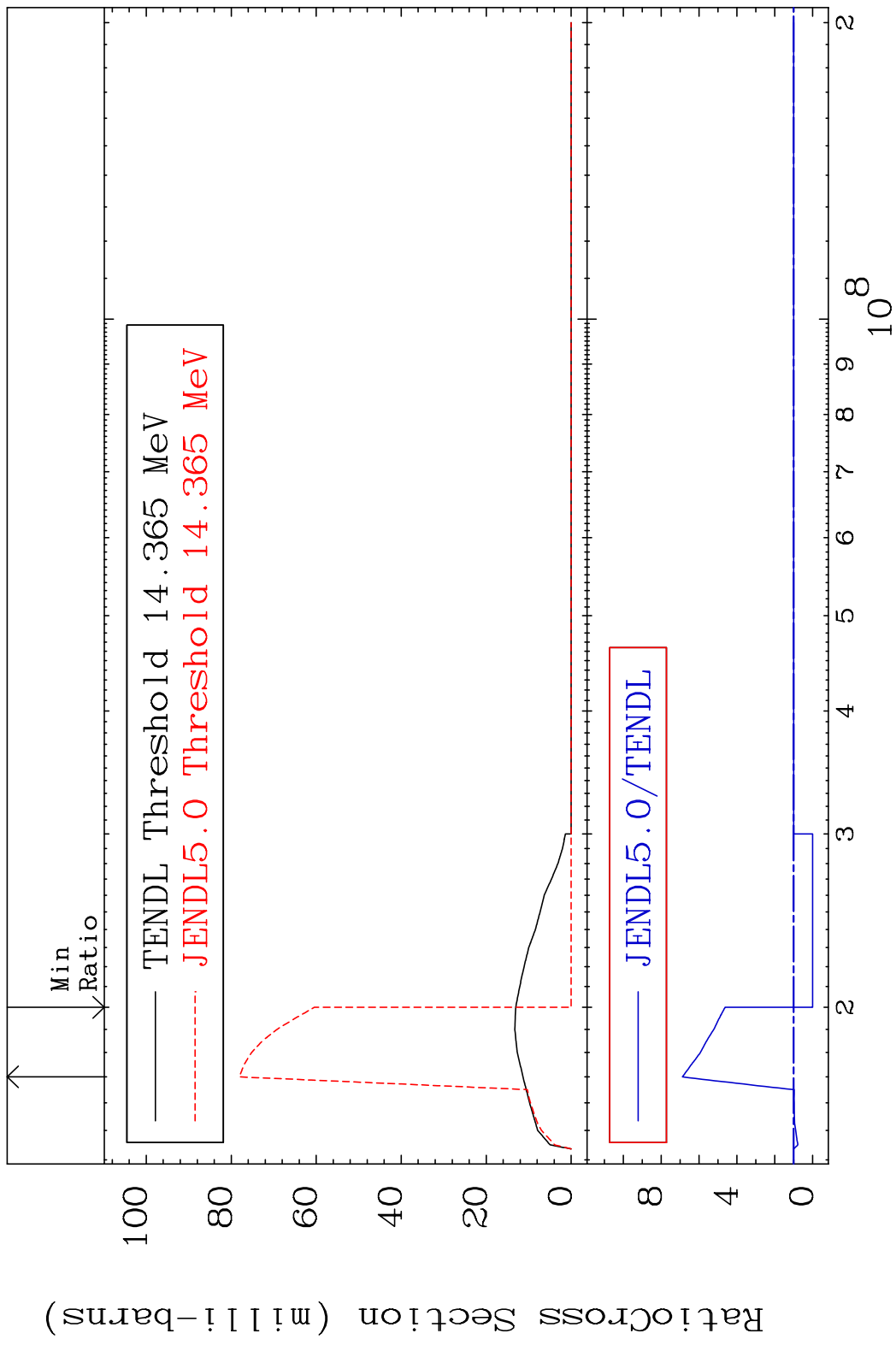


MAT 428 MT= 64 (n,n') Level 4-Be-10
 Cross Section -100.0 To 527.5 %

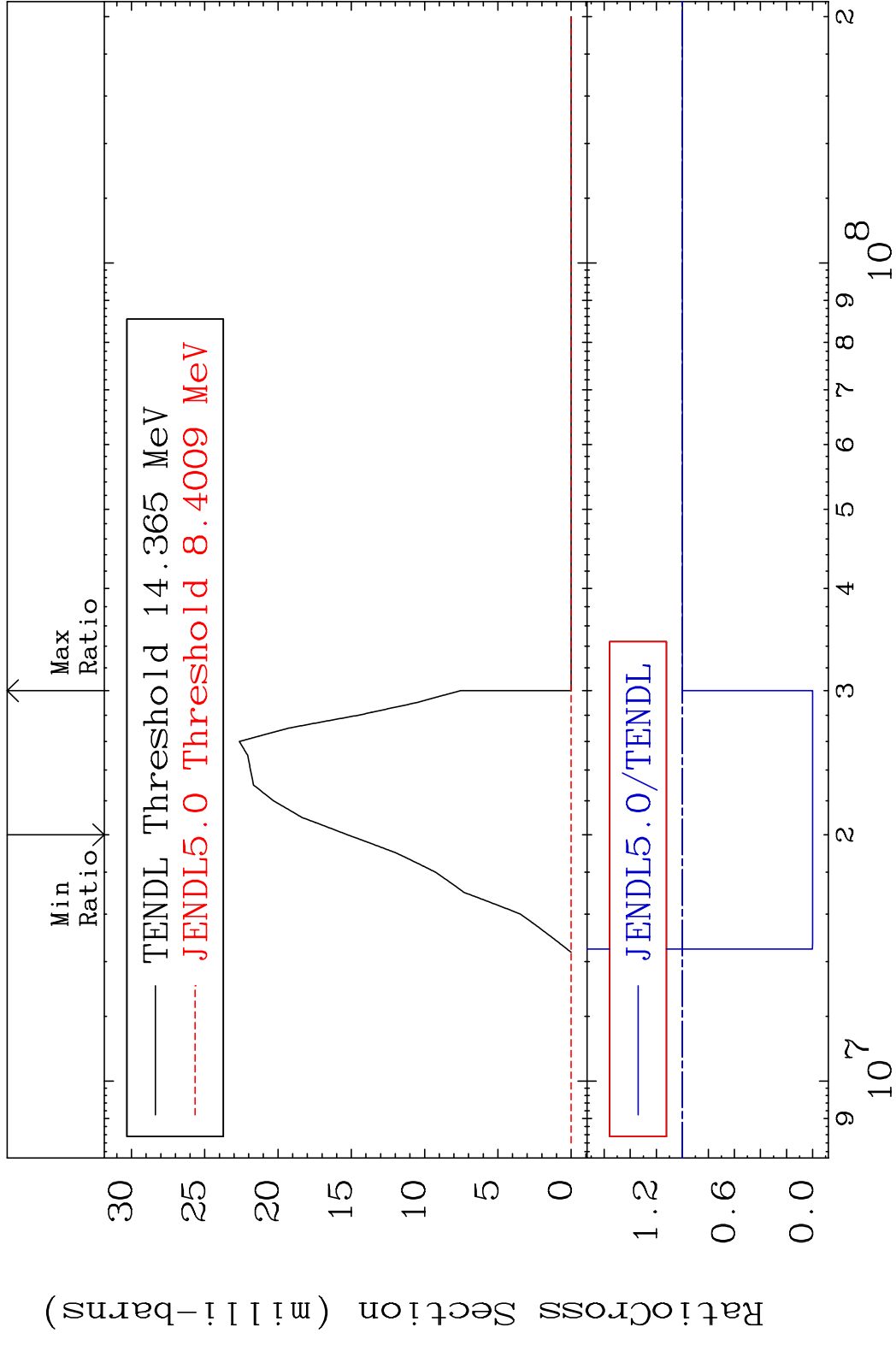


20 Incident Energy (eV) 4-Be-10

MAT 428 MT= 65 (n, n') Level 4-Be-10
 Cross Section -100.0 To 588.3 %



MAT 428 (n, n') Continuum 4-Be-10
 Cross Section -100.0 To 0.000 %



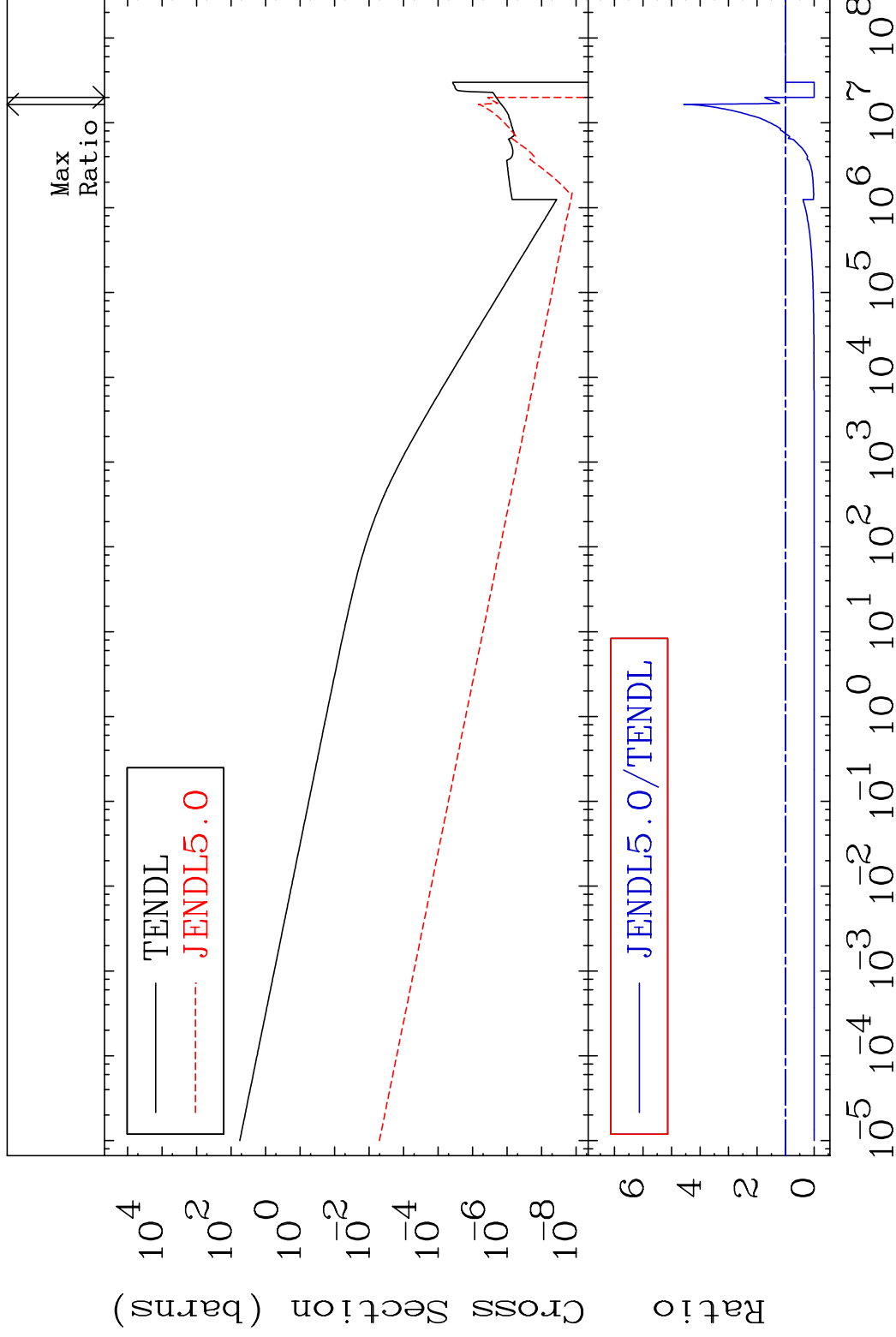
MAT 428

(n, γ)

4-Be-10

Cross Section

-100.0 To 357.5 %

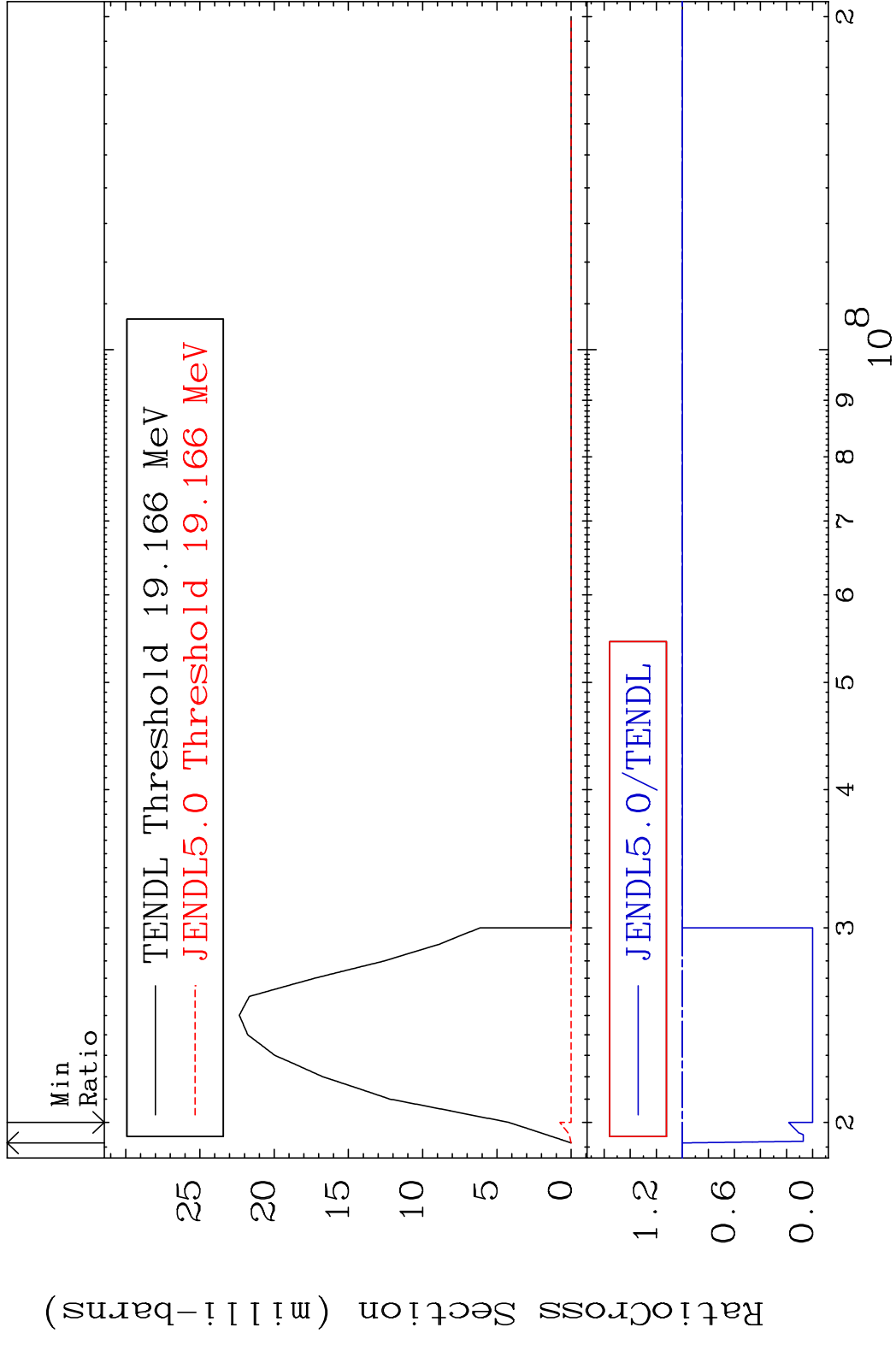


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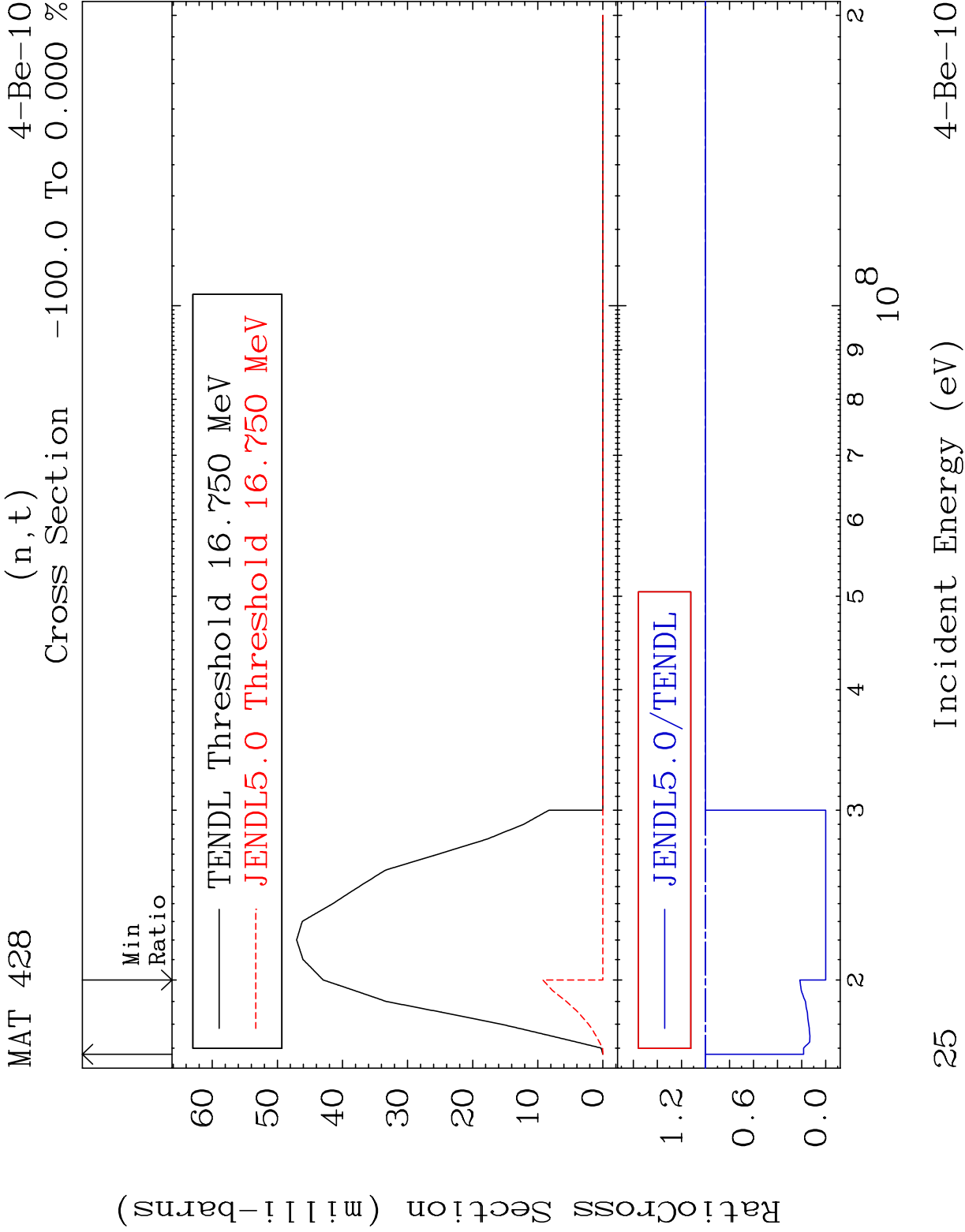
Incident Energy (eV)

4-Be-10

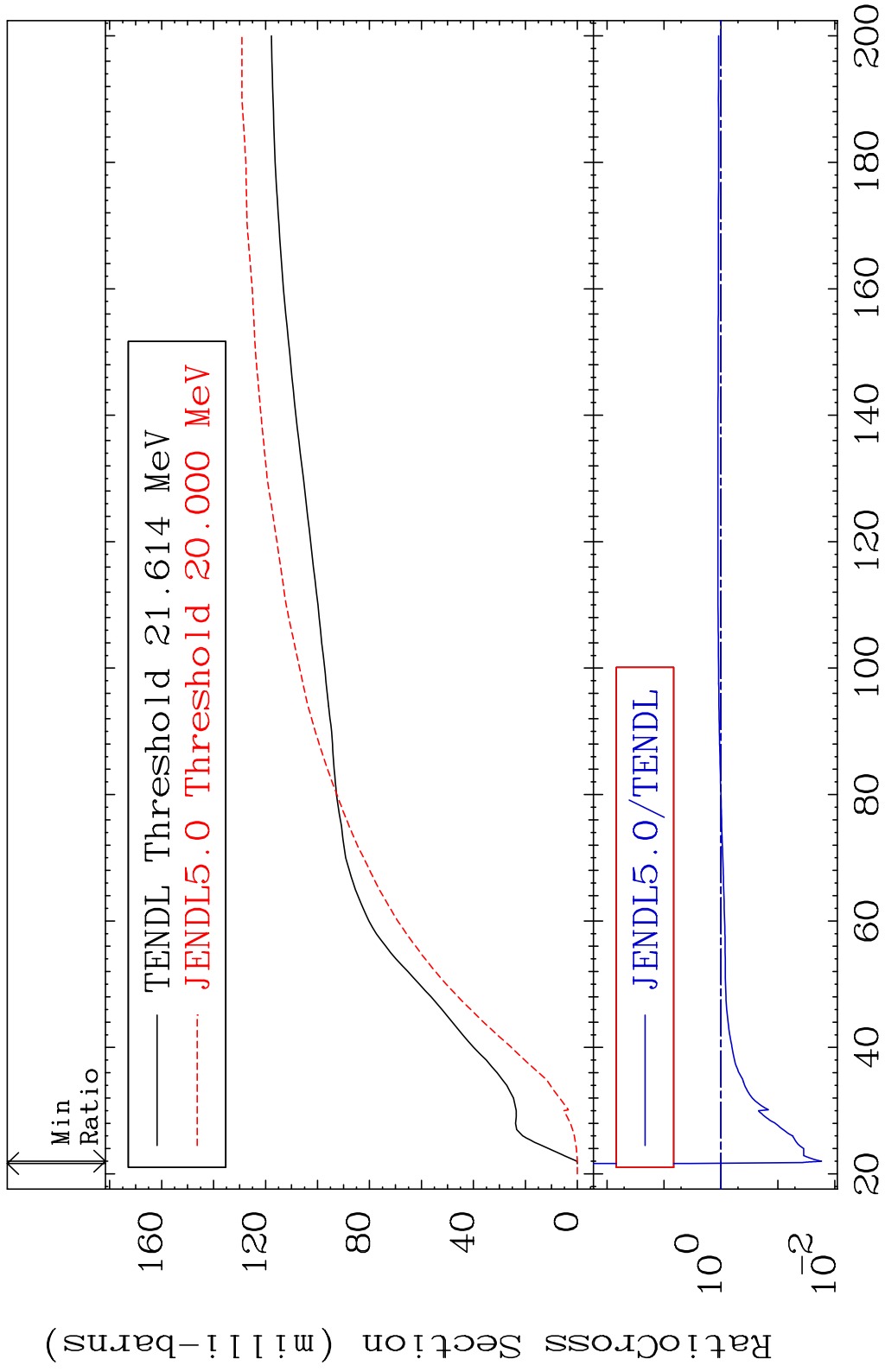
MAT 428 (n,d) 4-Be-10
 Cross Section -100.0 To 0.000 %



24 Incident Energy (eV) 4-Be-10

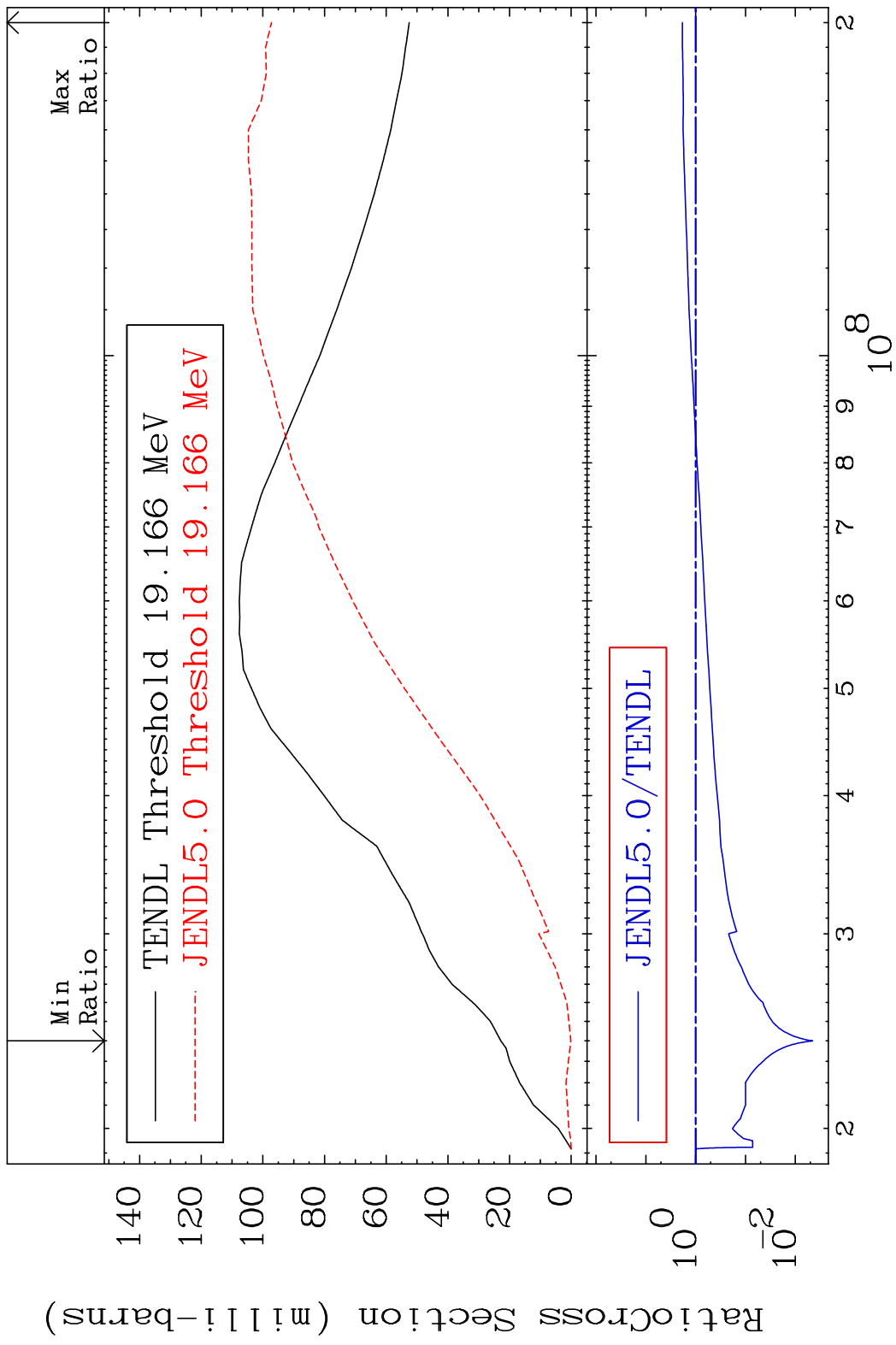


MAT 428 Hydrogen Production 4-Be-10
 Cross Section -98.28 To 252.0 %



26 Incident Energy (MeV) 4-Be-10

MAT 428 Deuterium Production 4-Be-10
 Cross Section -99.55 To 85.18 %



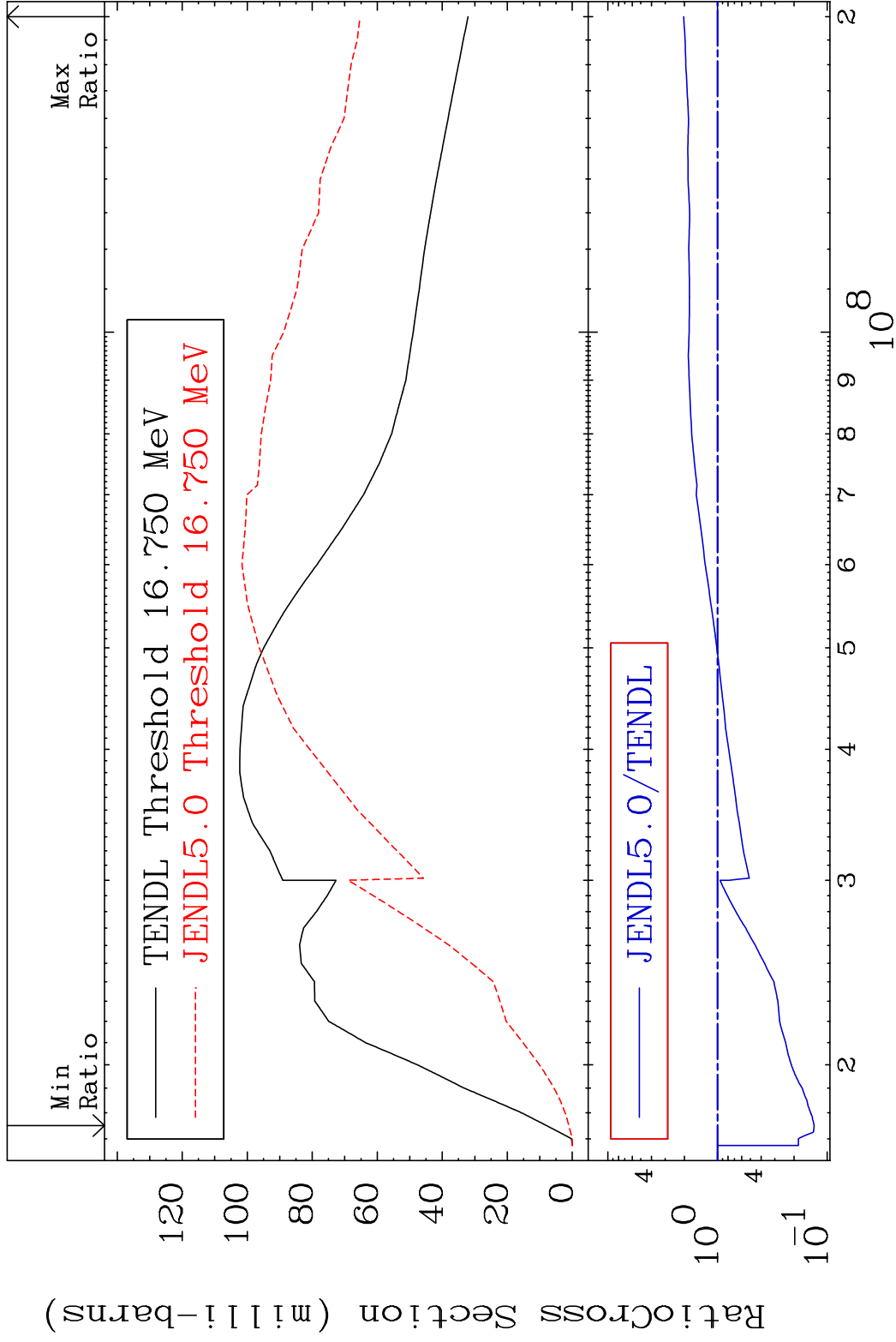
27 Incident Energy (eV) 4-Be-10

MAT 428

Tritium Production

4-Be-10

Cross Section -86.86 To 103.5 %



28

Incident Energy (eV)

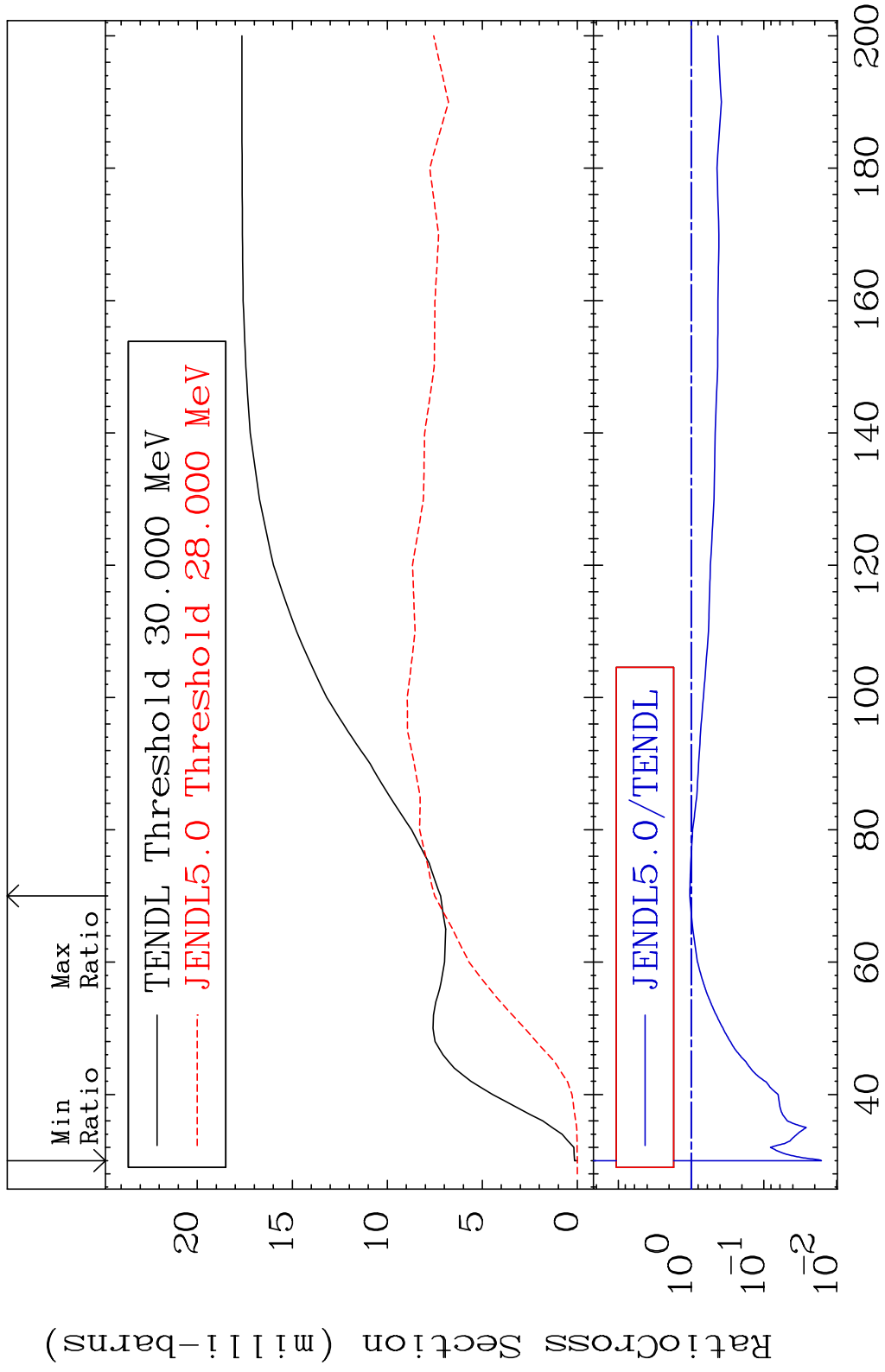
4-Be-10

MAT 428

He-3 Production

4-Be-10

Cross Section -98.38 To 4.232 %

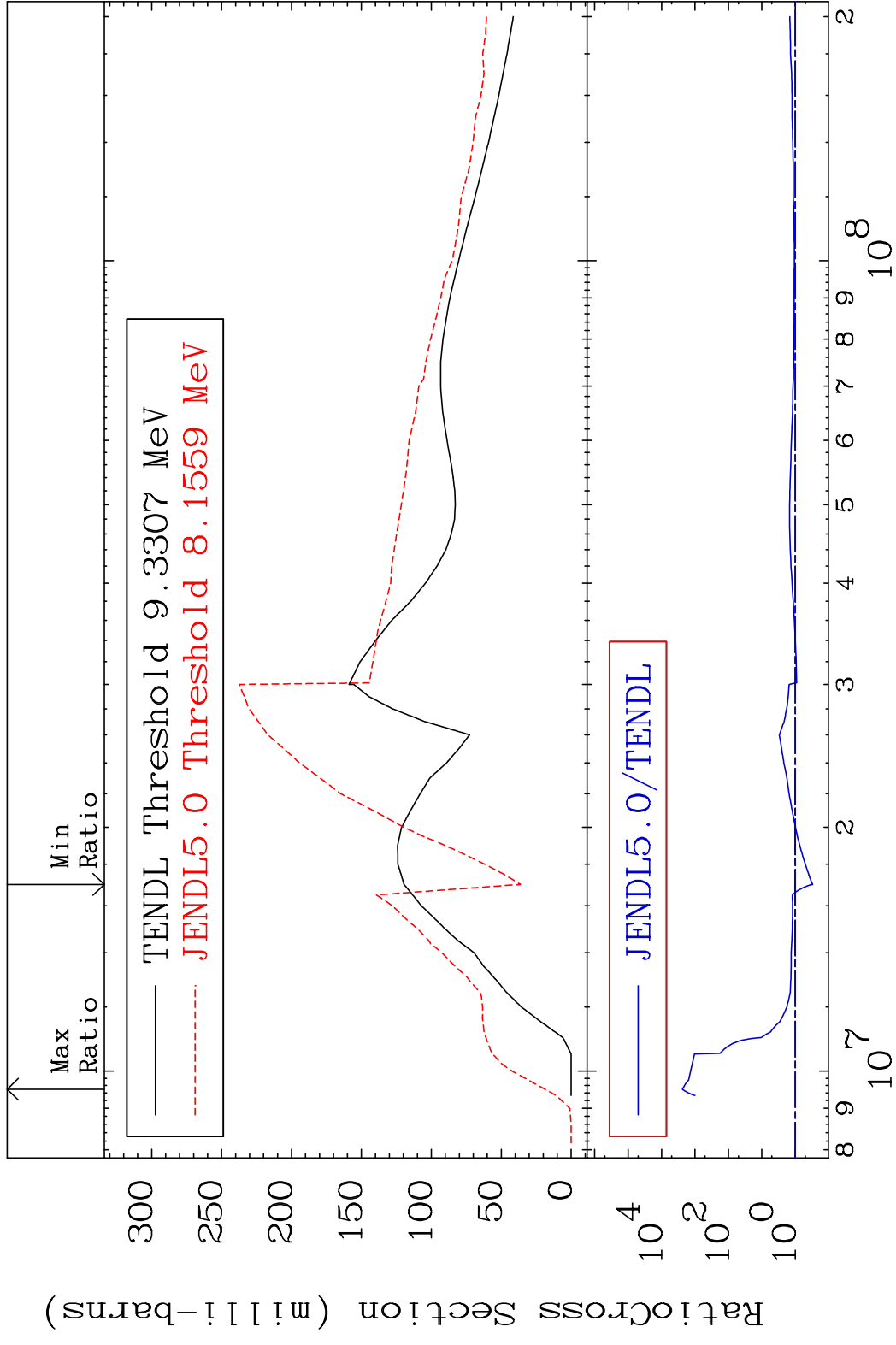


29

Incident Energy (MeV)

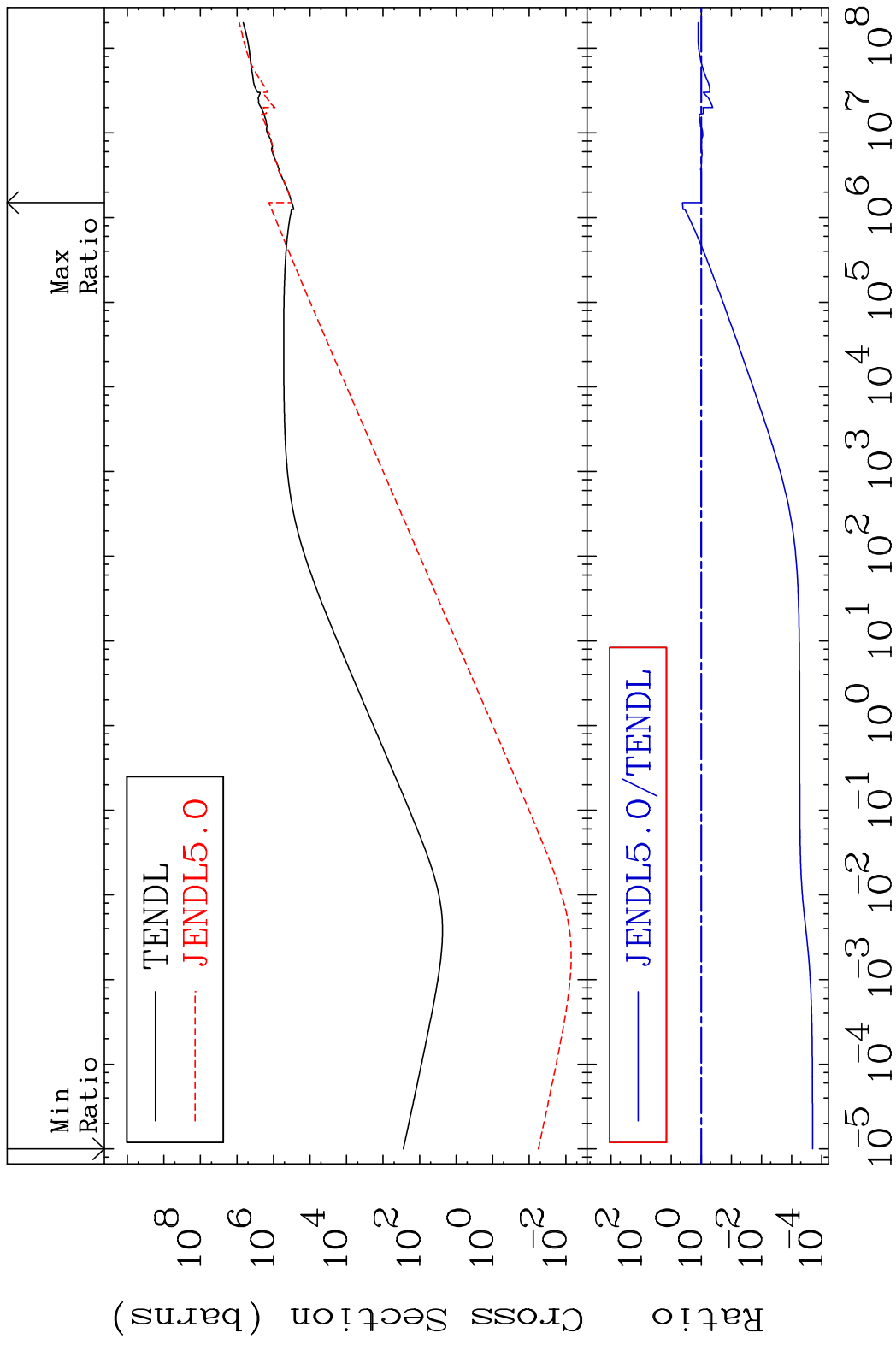
4-Be-10

MAT 428 He-4 Production 4-Be-10
 Cross Section -69.72 To 9999. %

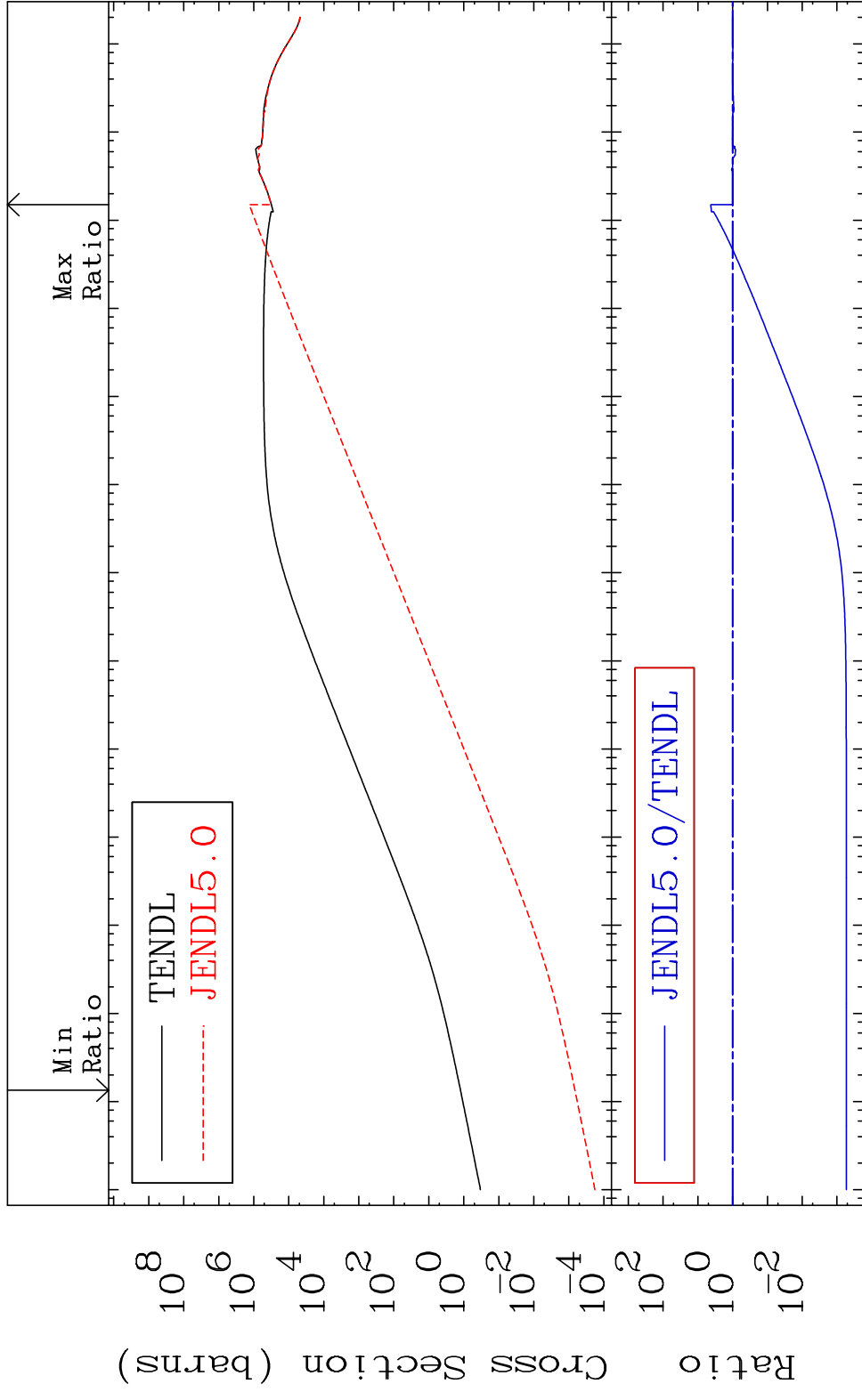


30 Incident Energy (eV) 4-Be-10

MAT 428 Kerma total (eV-barns) 4-Be-10
 Cross Section -99.98 To 327.4 %

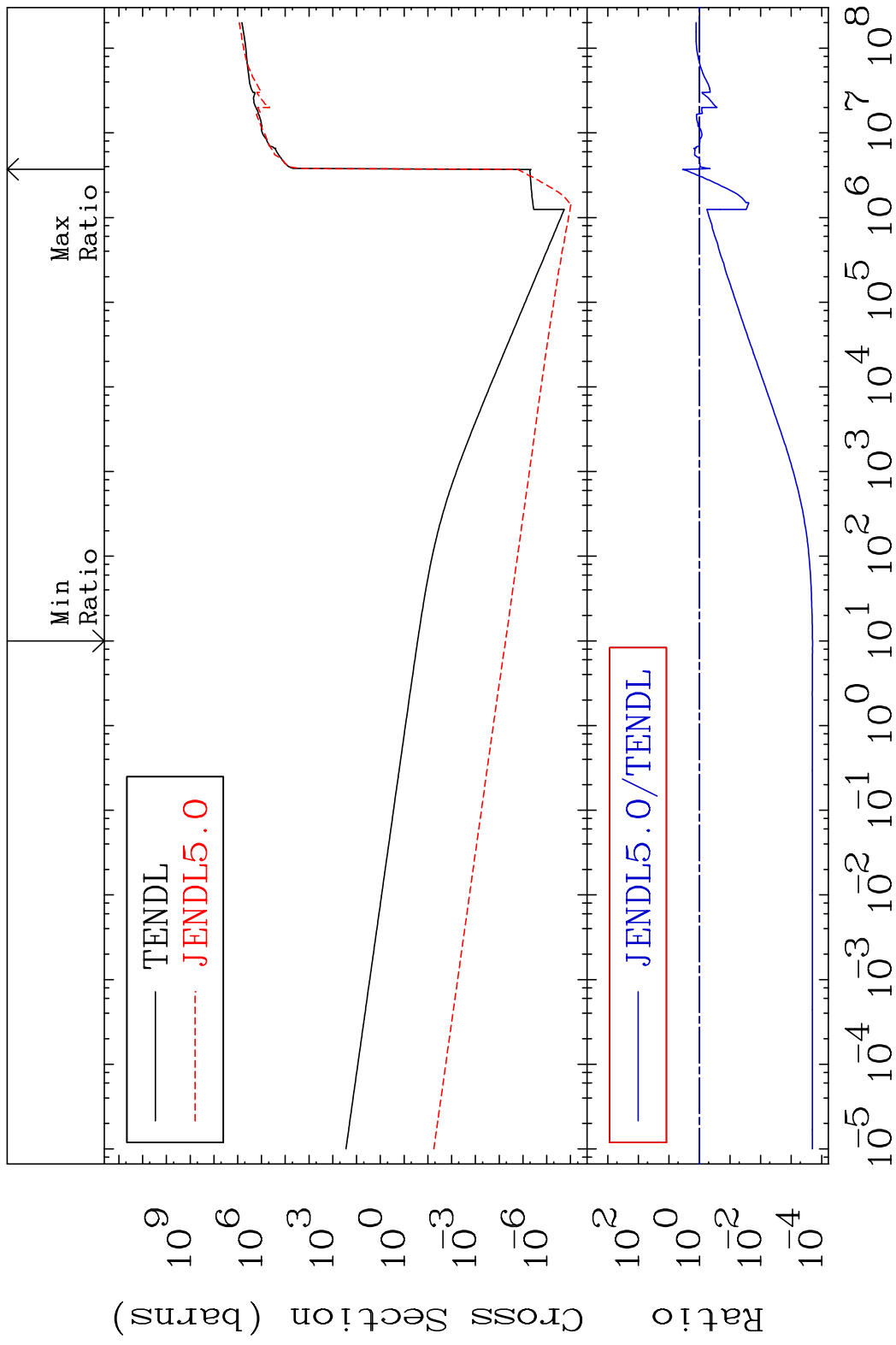


MAT 428 Kerma elastic Cross Section -99.95 To 327.4 % 4-Be-10



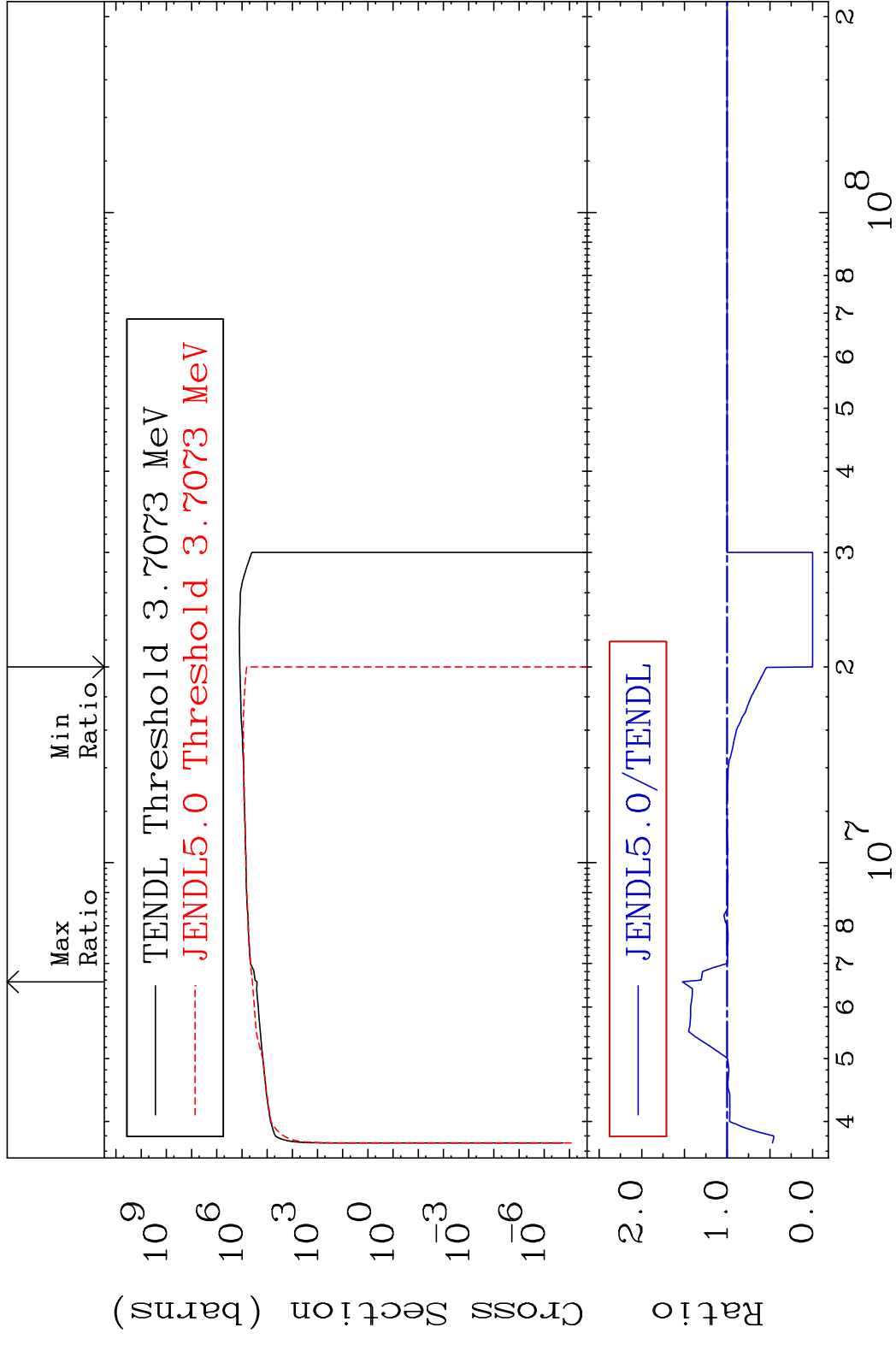
Incident Energy (eV) 4-Be-10

MAT 428 Kerma non-elastic (all but mt2) 4-Be-10
 Cross Section -99.98 To 262.9 %

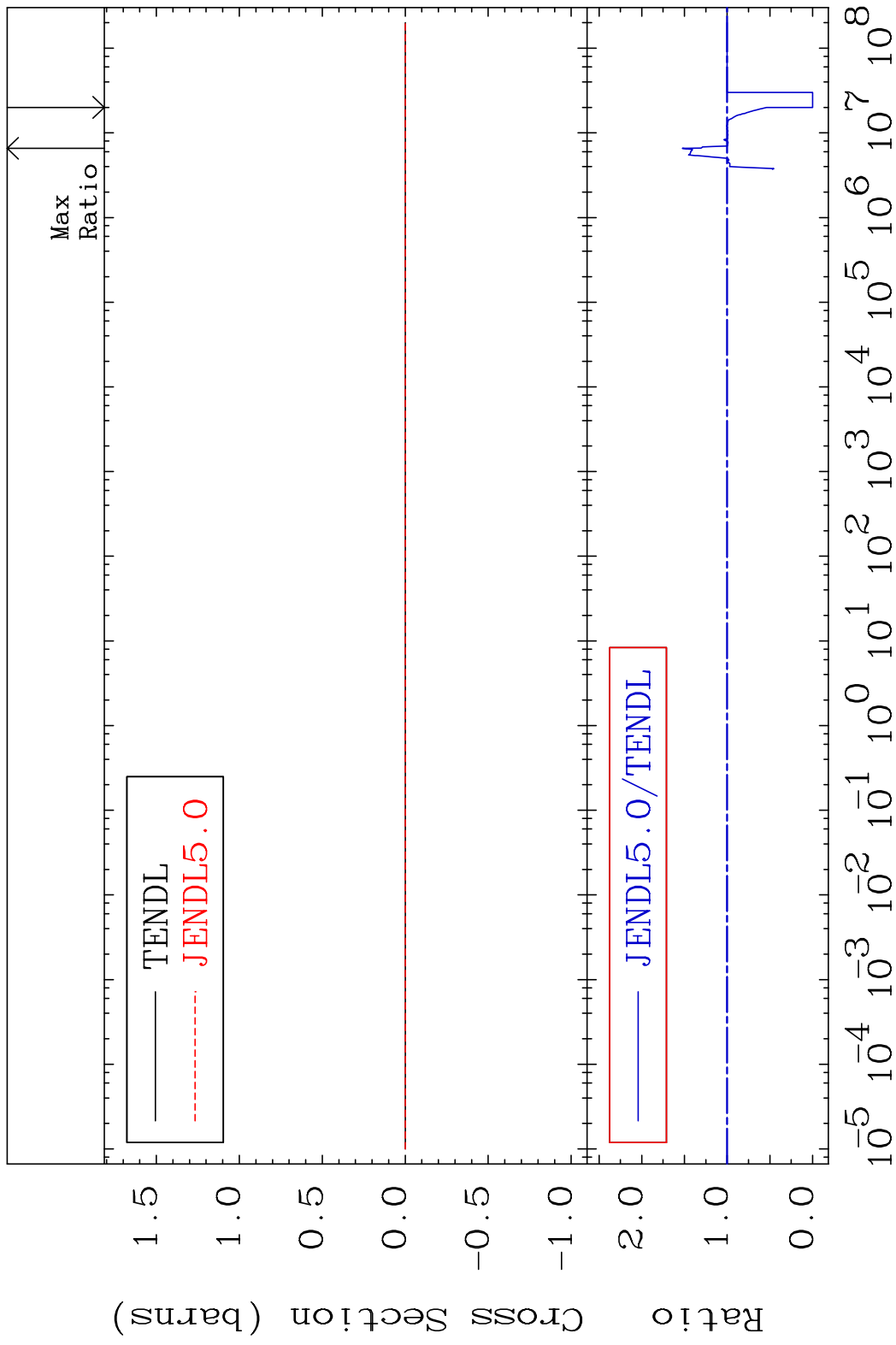


33 Incident Energy (eV) 4-Be-10

MAT 428 Kerma inelastic (mt51-91) 4-Be-10
 Cross Section -100.0 To 52.45 %

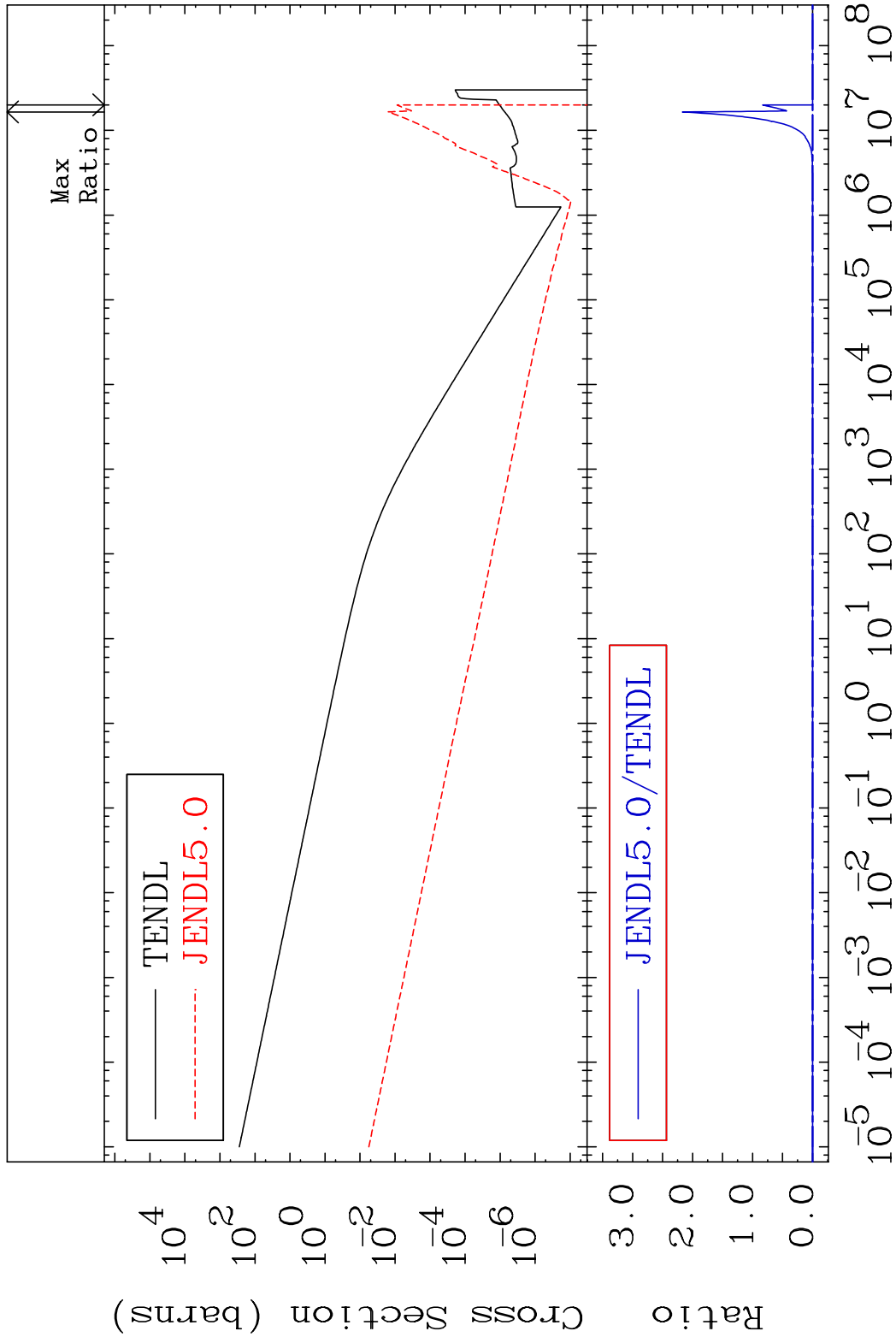


MAT 428 Kerma fission (mt18 or mt19-20-21-38) 4-Be-10
 Cross Section -100.0 To 52.45 %



MAT 428

Kerma capture (mt102) 4-Be-10
Cross Section -100.0 To 9999. %

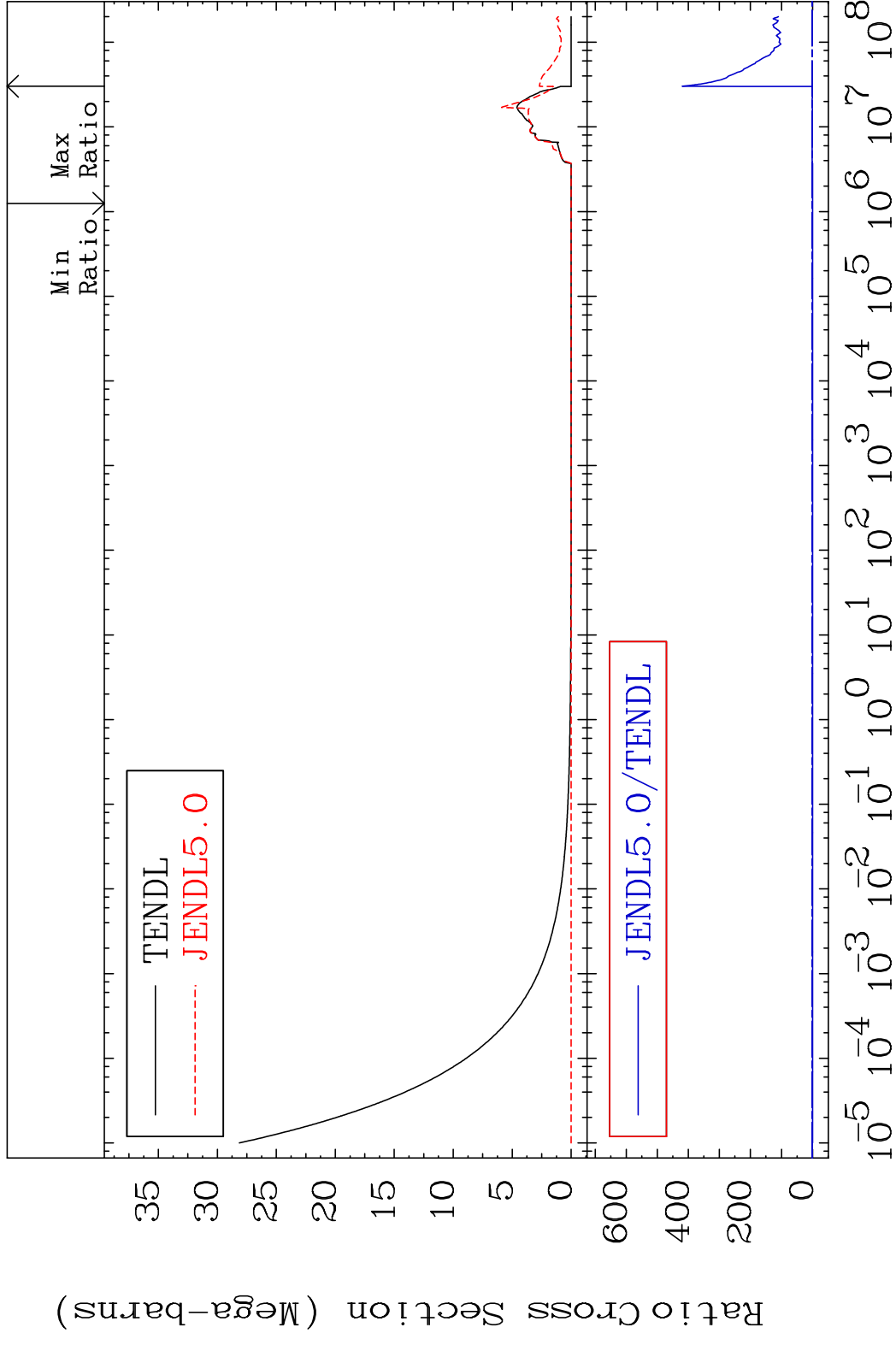


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Incident Energy (eV)

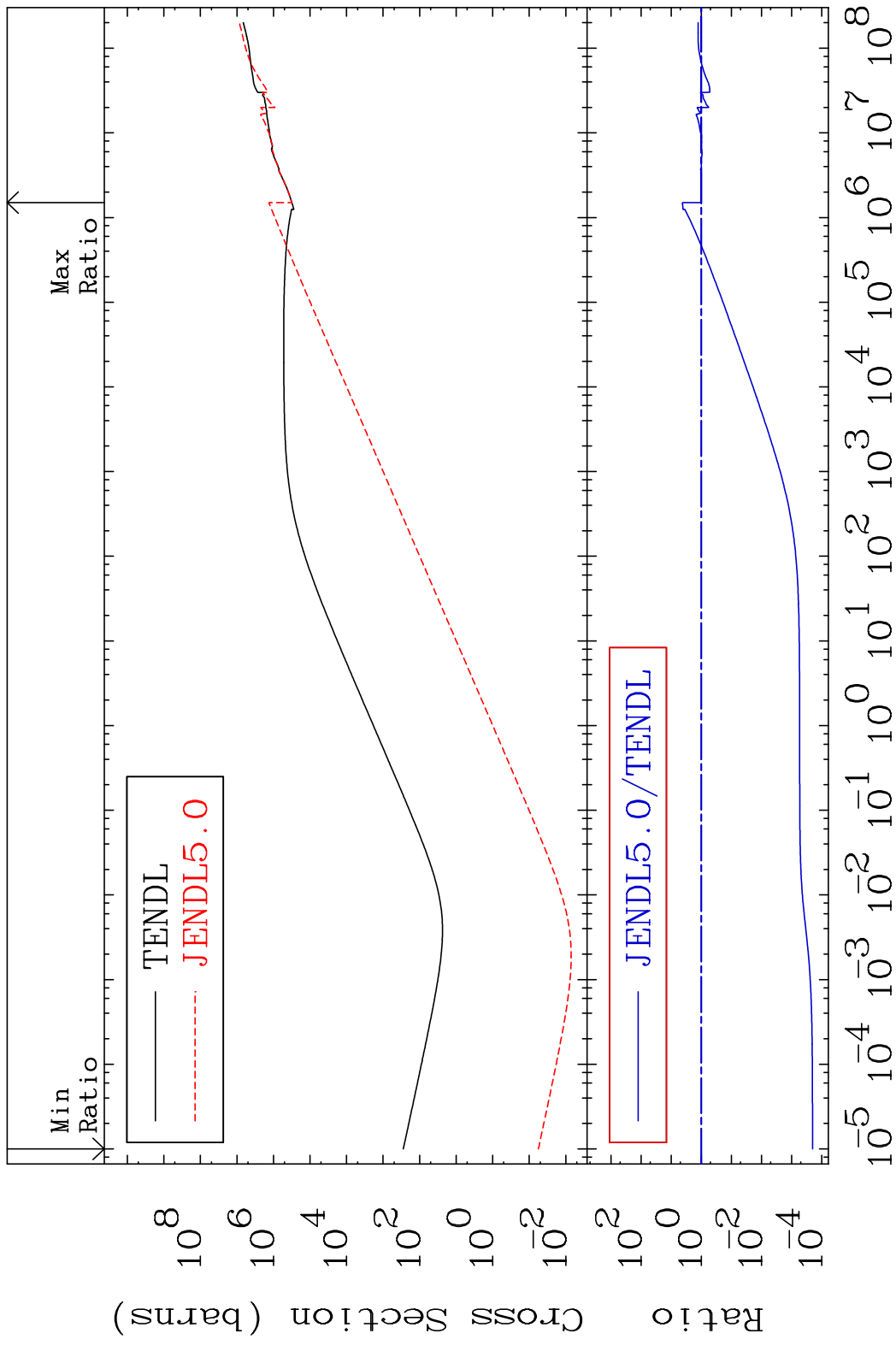
4-Be-10

MAT 428 Total photon (eV-barns) 4-Be-10
 Cross Section -106.6 To 9999. %

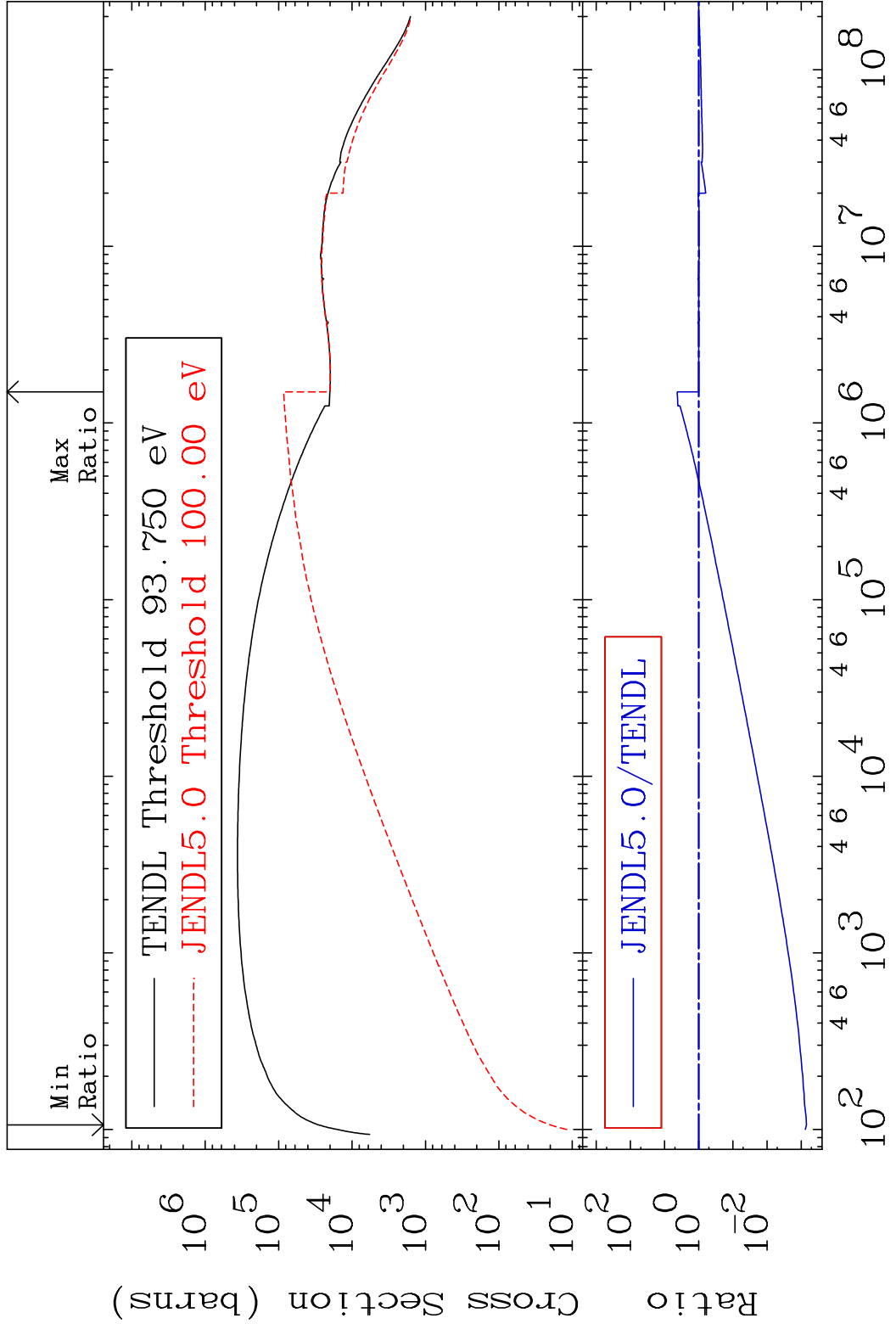


37 Incident Energy (eV) 4-Be-10

MAT 428 Total kinematic kerma (high limit) 4-Be-10
 Cross Section -99.98 To 327.4 %

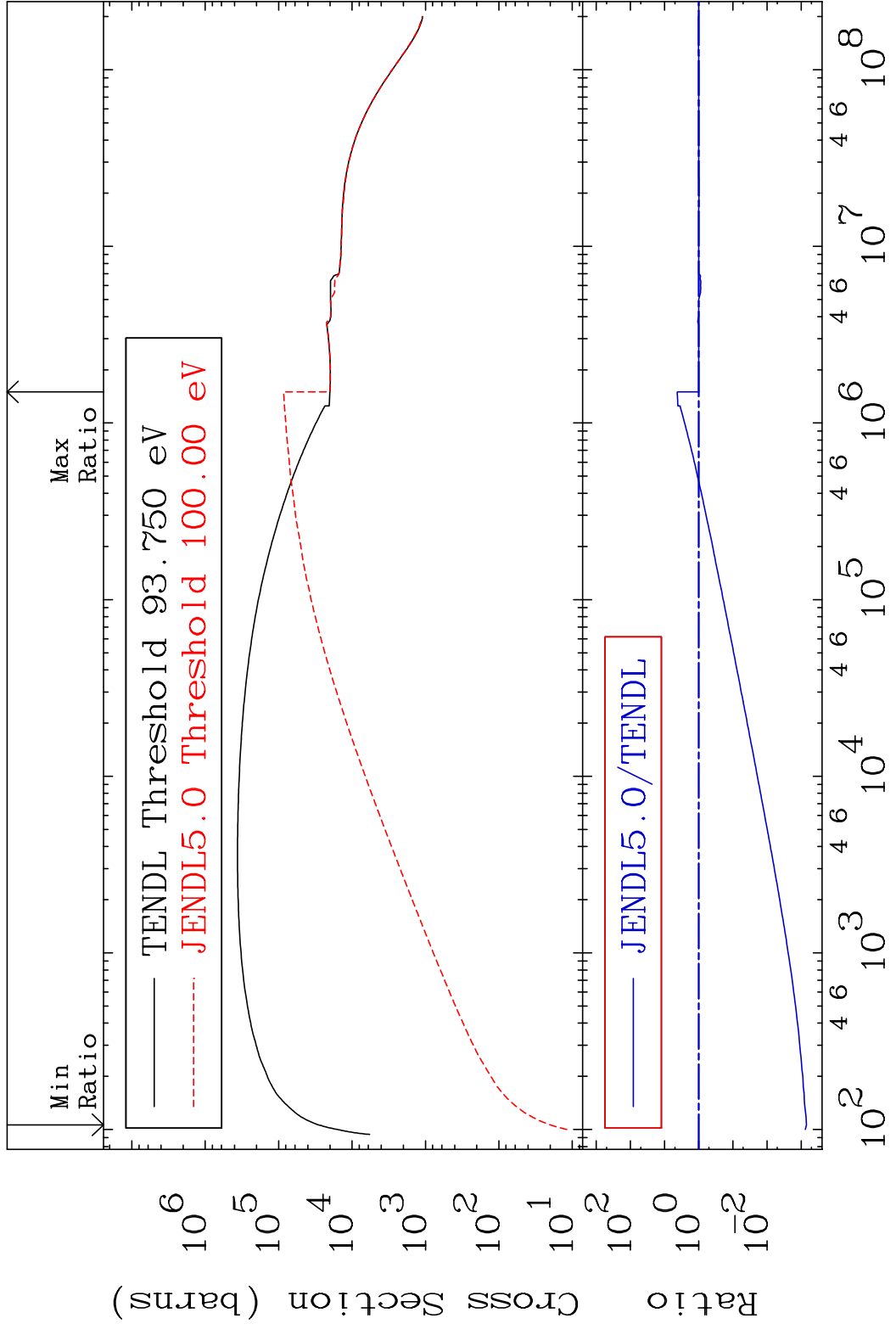


MAT 428 Dpa total (eV-barns) 4-Be-10
 Cross Section -99.93 To 327.0 %



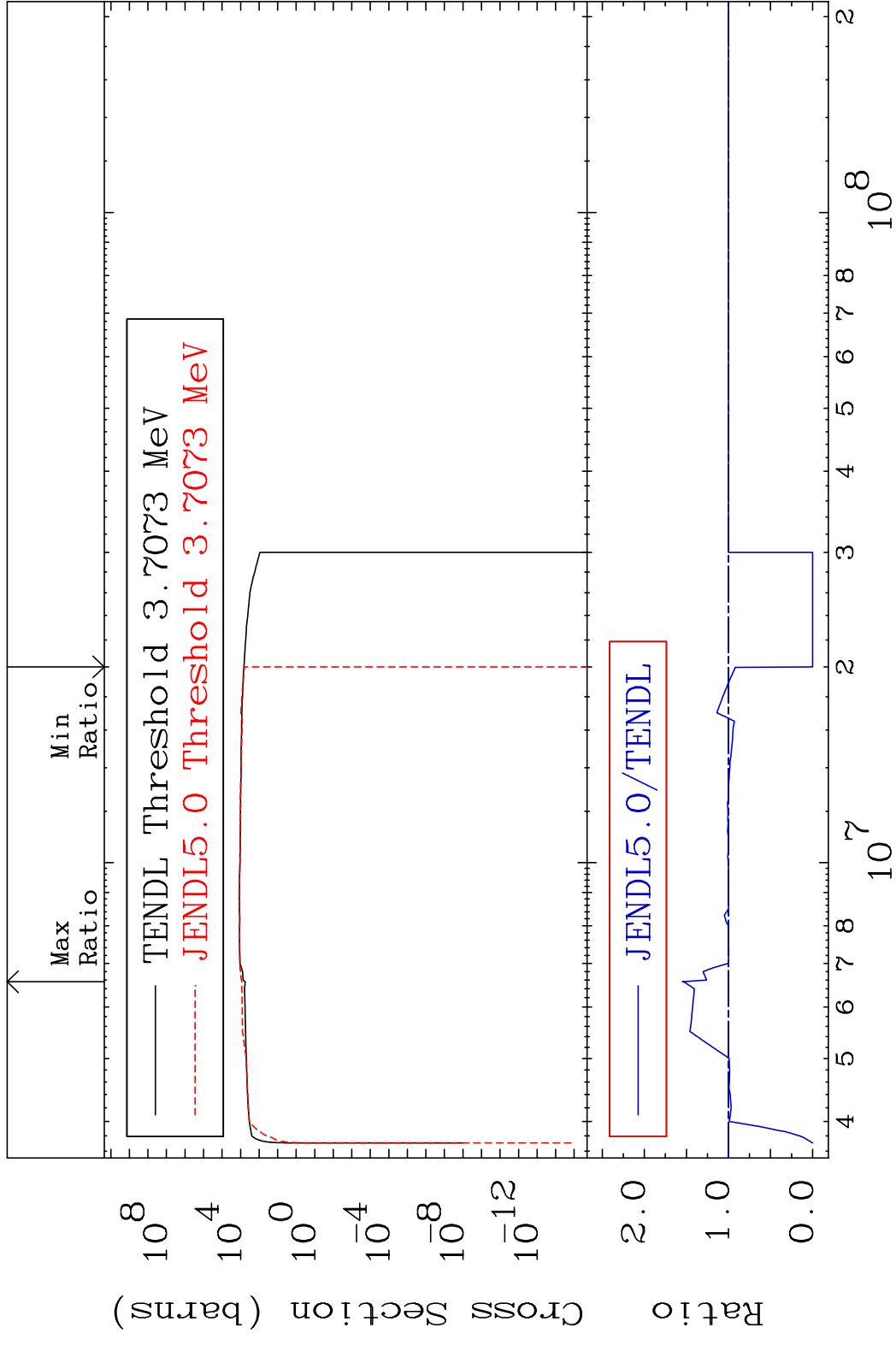
39 Incident Energy (eV) 4-Be-10

MAT 428 Dpa elastic (mt2) 4-Be-10
 Cross Section -99.93 To 327.0 %



40 Incident Energy (eV) 4-Be-10

MAT 428 Dpa inelastic (mt51-91) 4-Be-10
 Cross Section -100.0 To 54.82 %



MAT 428 Dpa disappearance (mt102 -120) 4-Be-10
 Cross Section -100.0 To 9999. %

