

Program Complot
(Version 2021-1)

by

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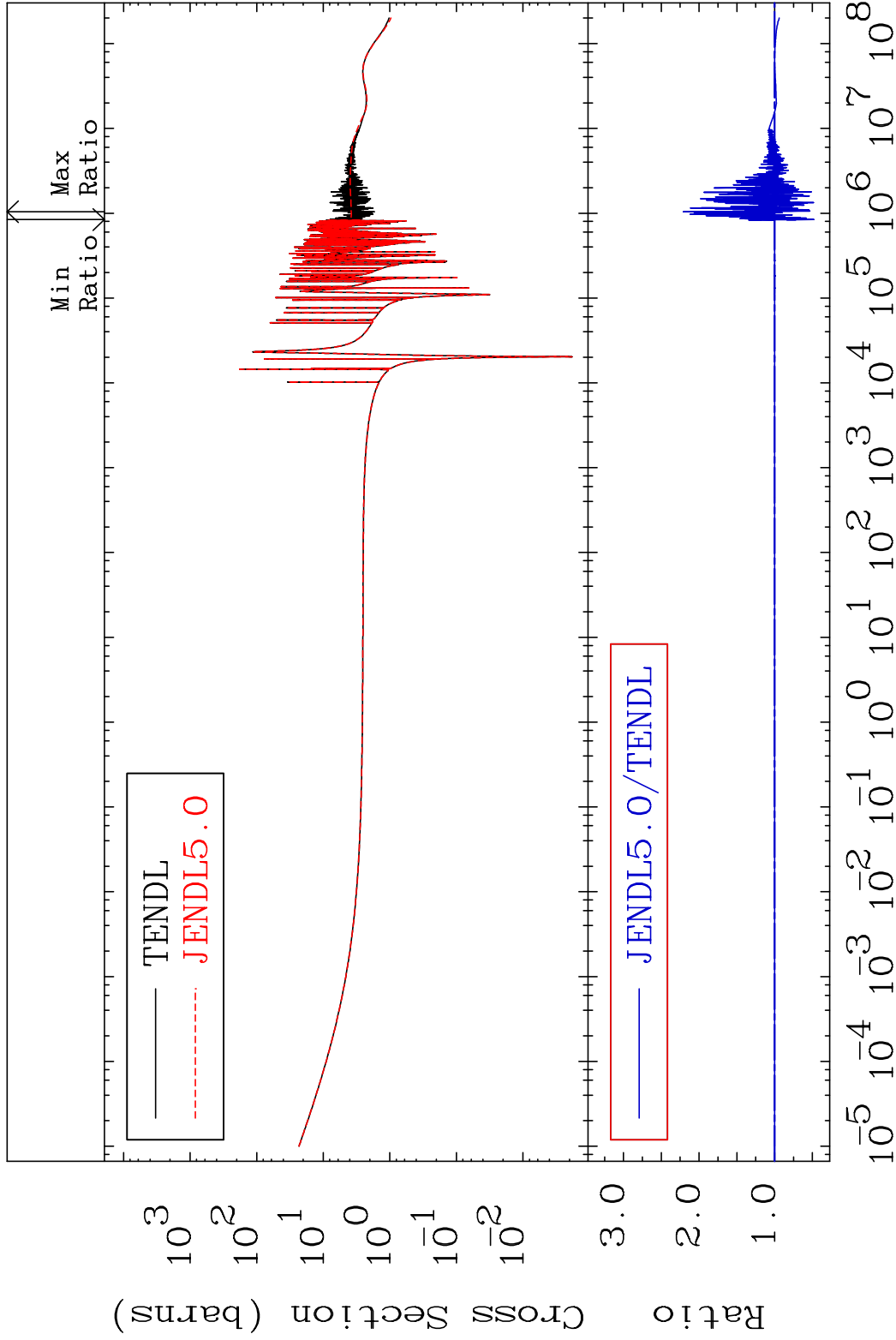
Press Mouse Button to Start

MAT 2437

Total

24-Cr-54

Cross Section -51.98 To 120.7 %



1 Incident Energy (eV)

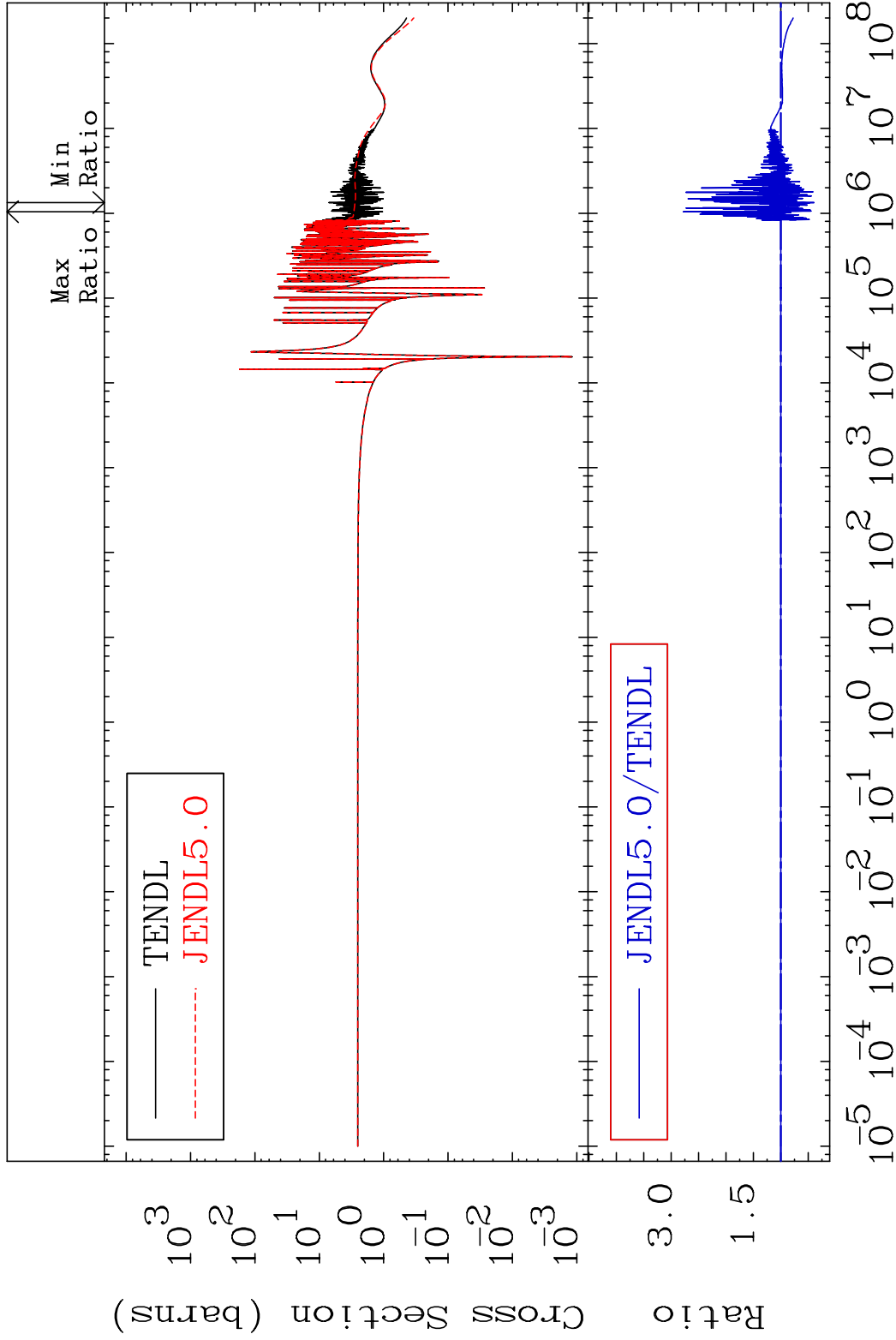
24-Cr-54

MAT 2437

Elastic

24-Cr-54

Cross Section -60.35 To 177.6 %

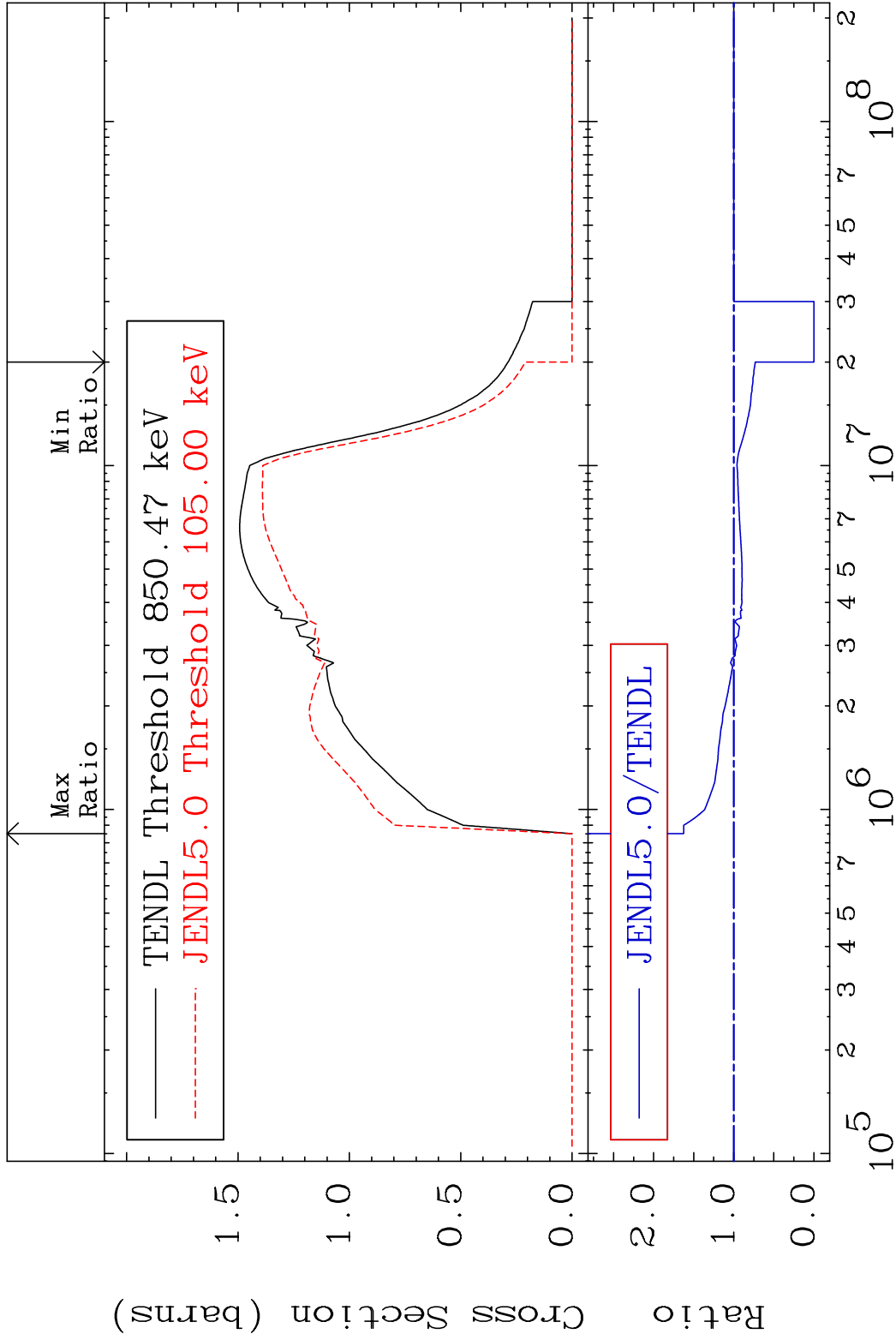


2

Incident Energy (eV)

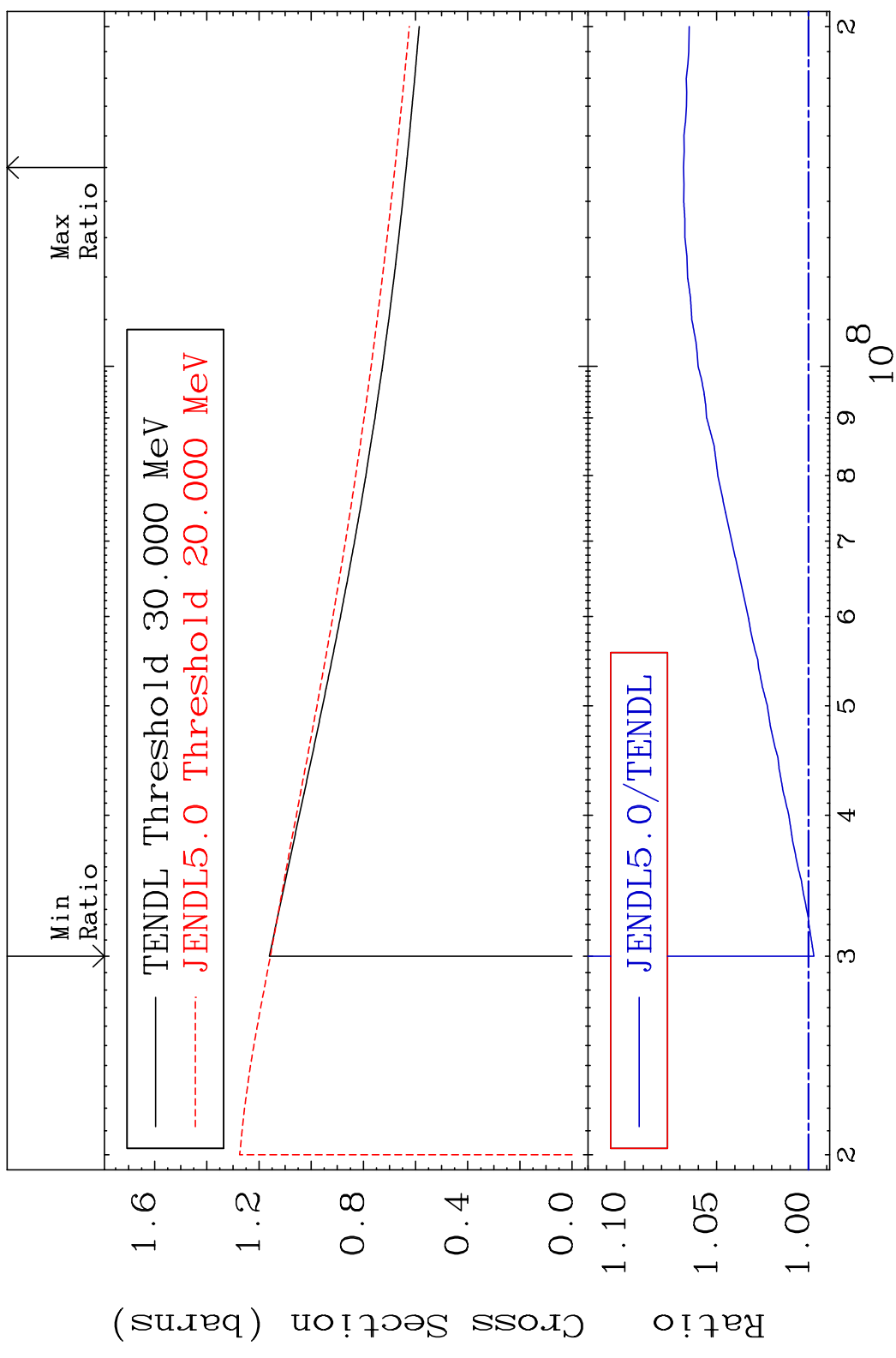
24-Cr-54

MAT 2437 Inelastic Cross Section -100.0 To 62.76 % 24-Cr-54



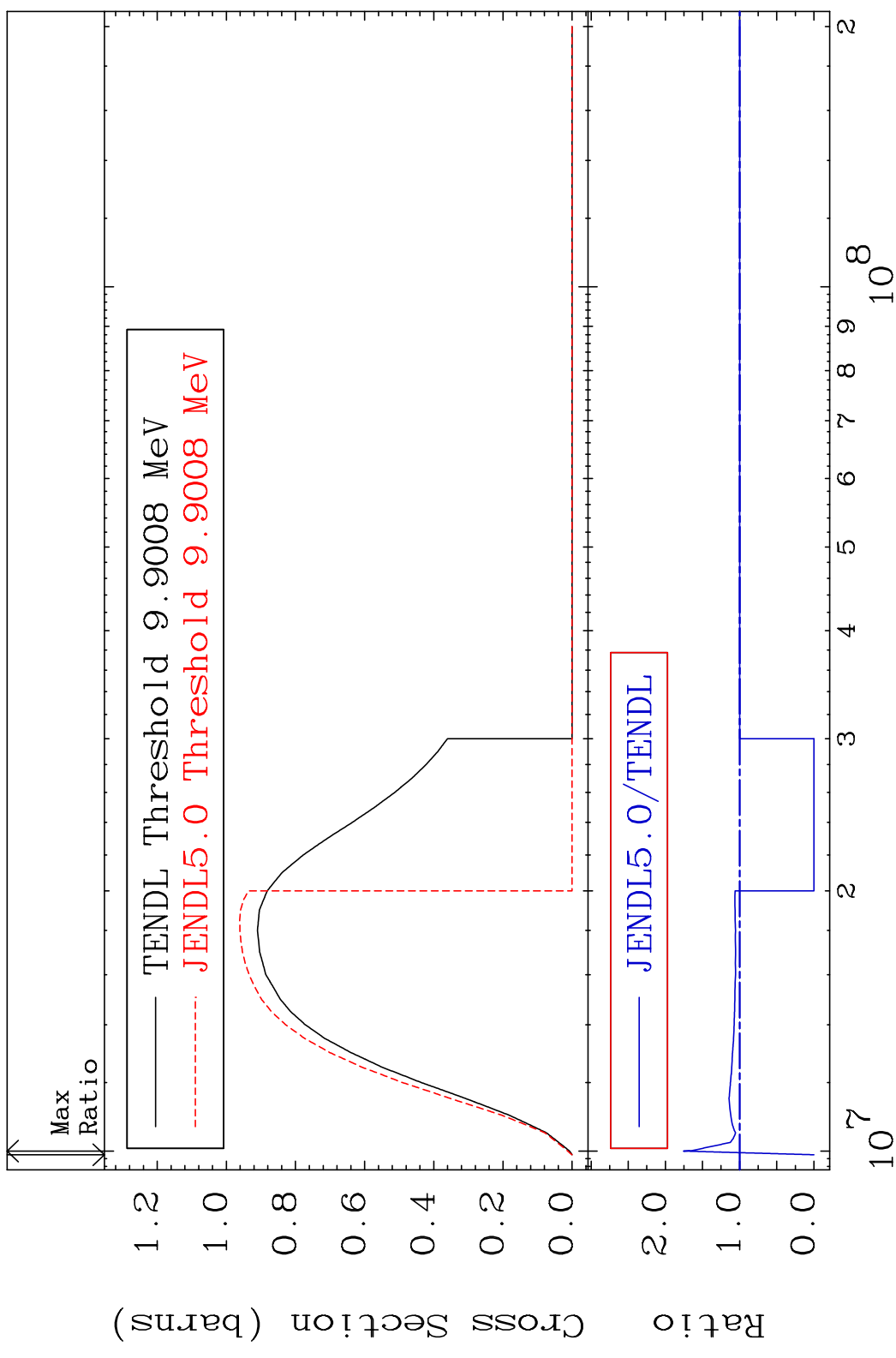
3 Incident Energy (eV) 24-Cr-54

MAT 2437 (n, remainder) 24-Cr-54
 Cross Section -0.297 To 6.807 %



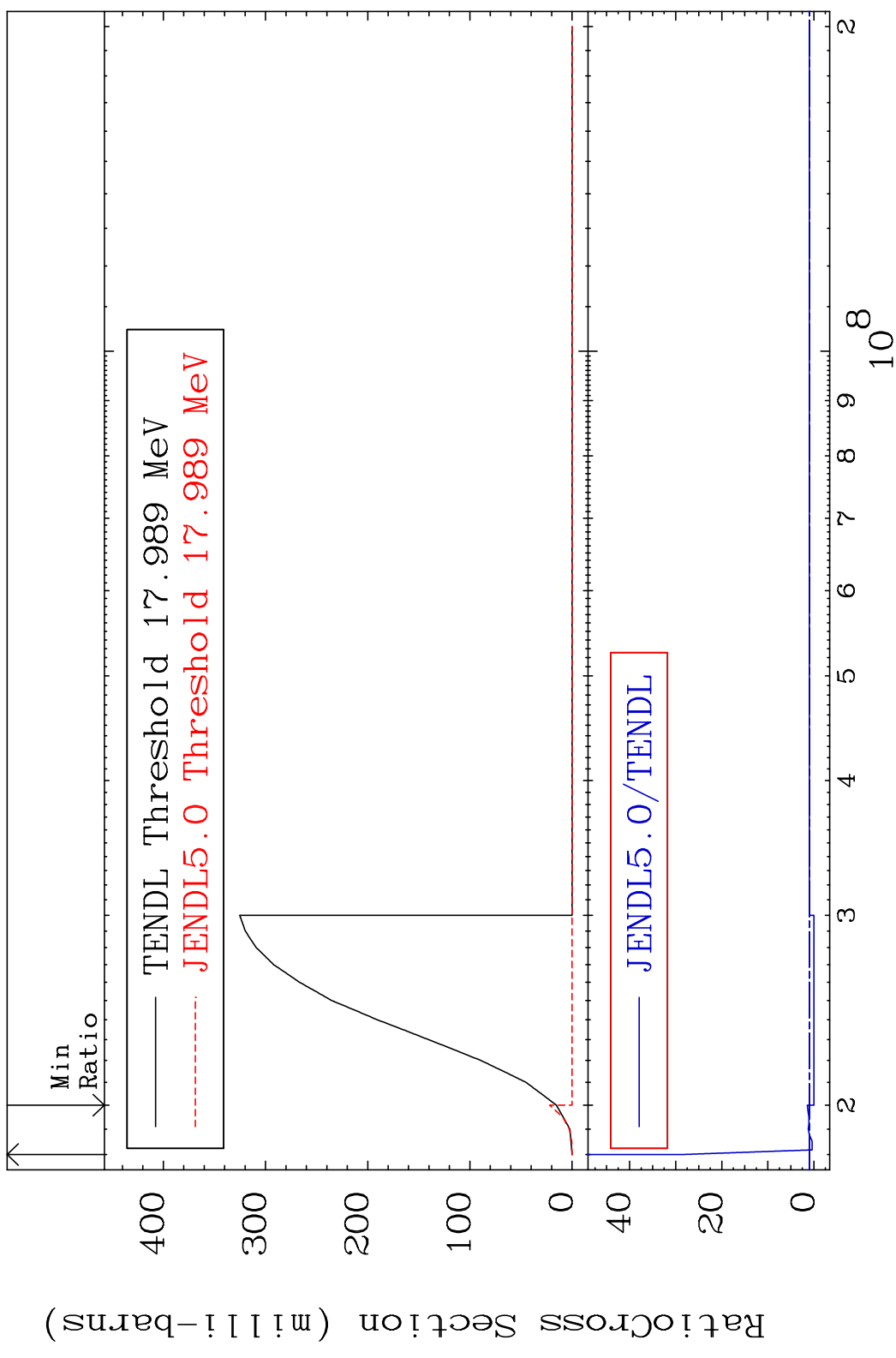
4 Incident Energy (eV) 24-Cr-54

MAT 2437 (n,2n) 24-Cr-54
 Cross Section -100.0 To 75.63 %



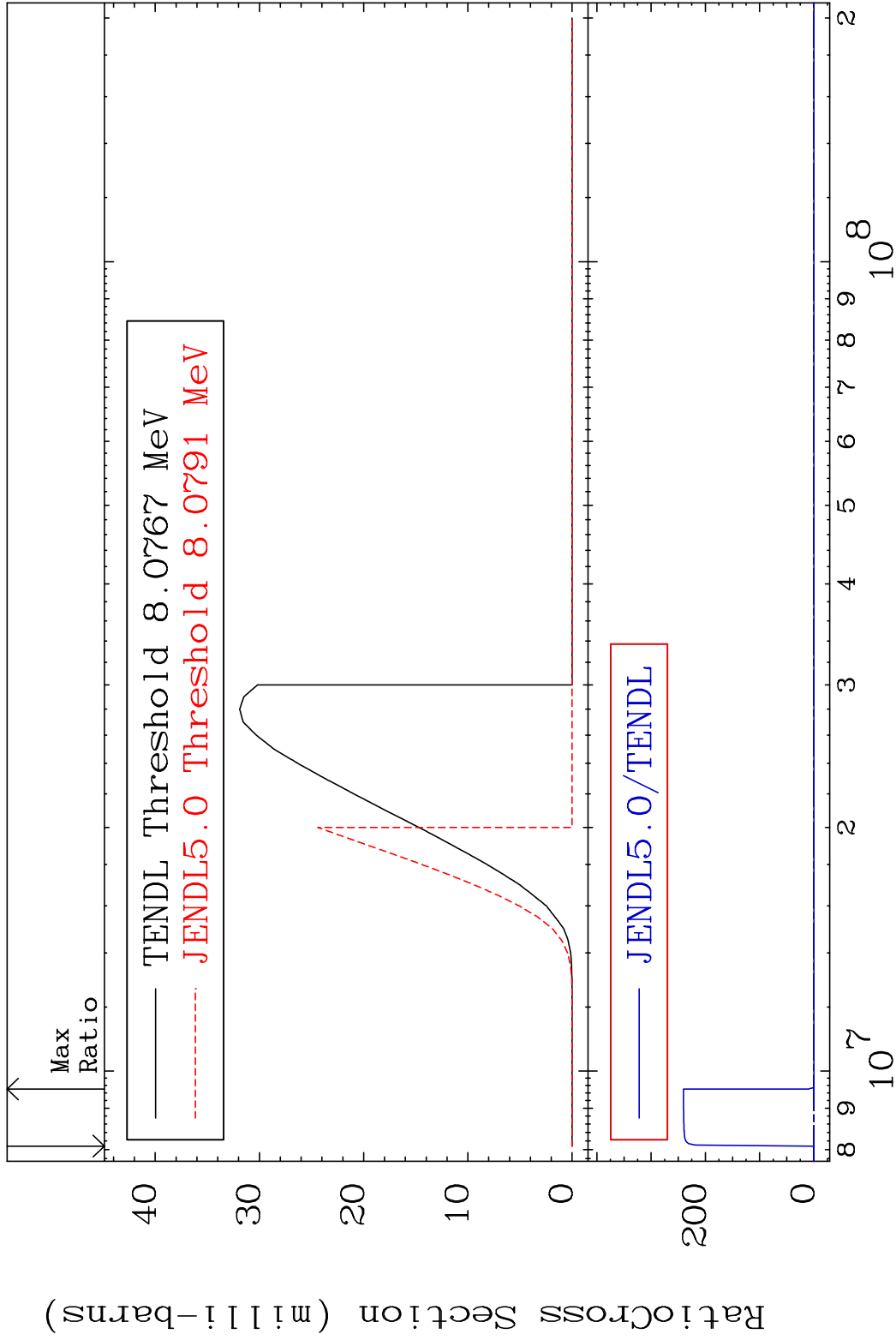
5 24-Cr-54

MAT 2437 (n,3n) 24-Cr-54
Cross Section -100.0 To 2731. %



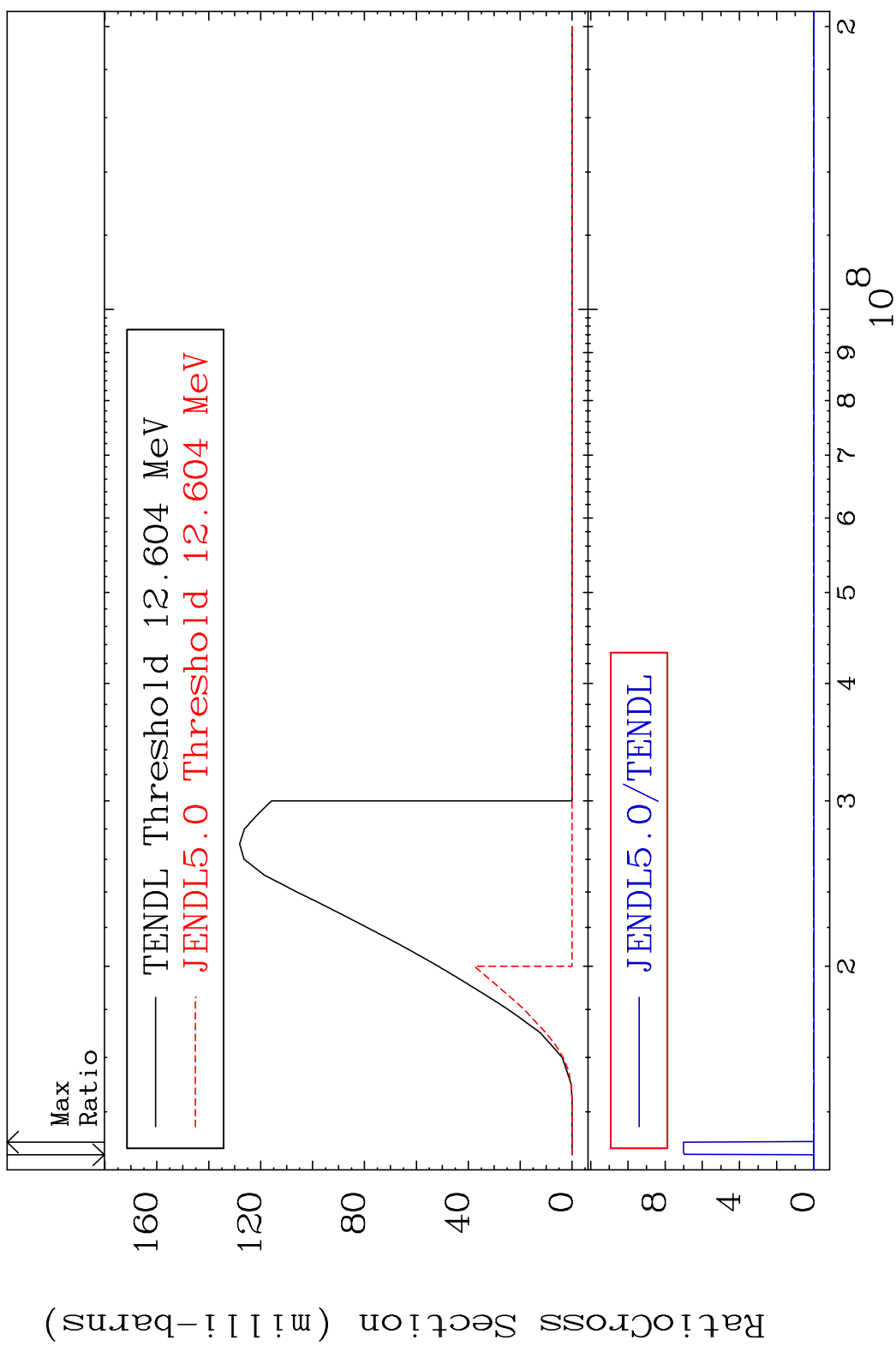
6 24-Cr-54

MAT 2437 (n, n') α 24-Cr-54
 Cross Section -100.0 To 9999. %



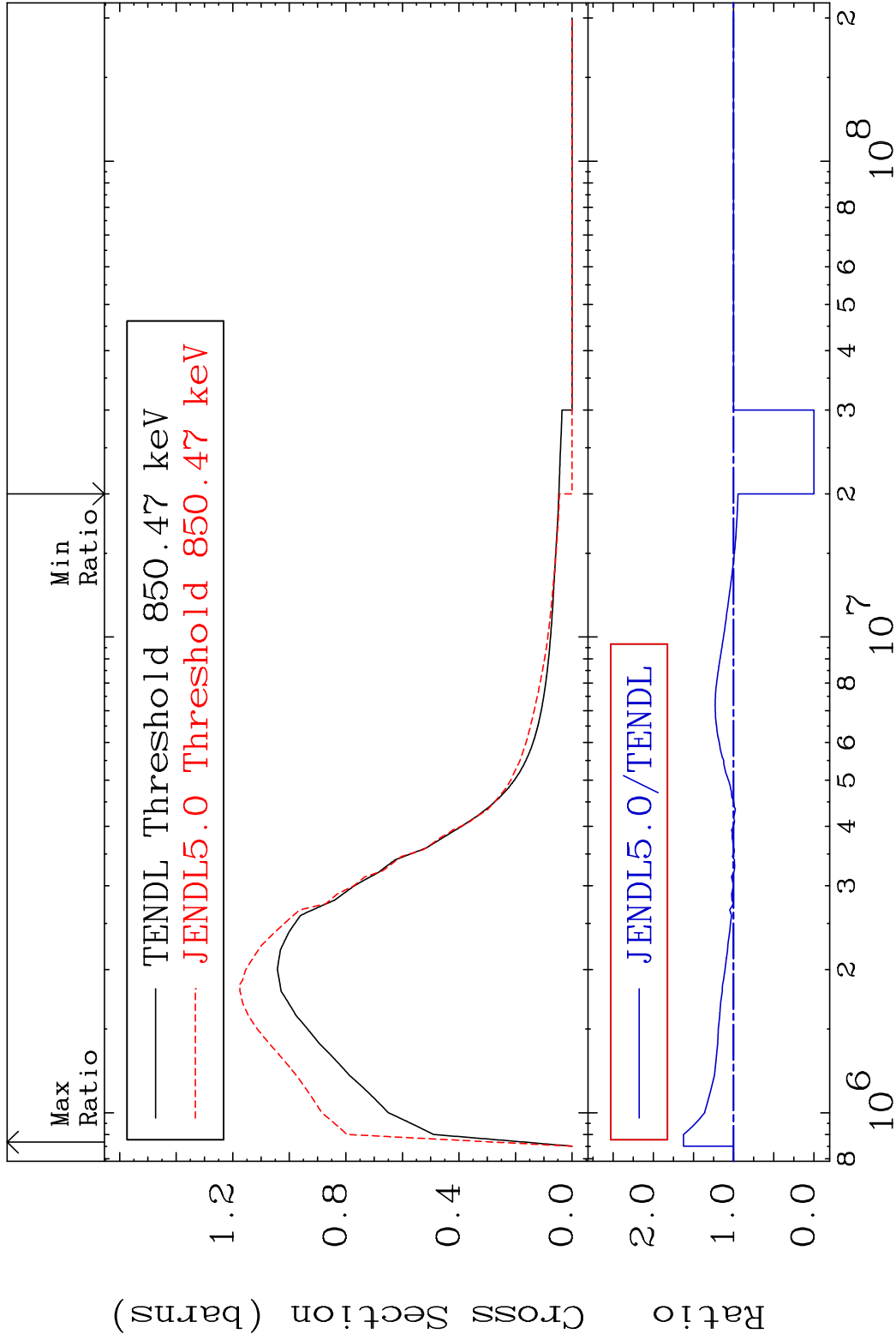
7 Incident Energy (eV) 24-Cr-54

MAT 2437 (n, n') p 24-Cr-54
 Cross Section -100.0 To 9999. %



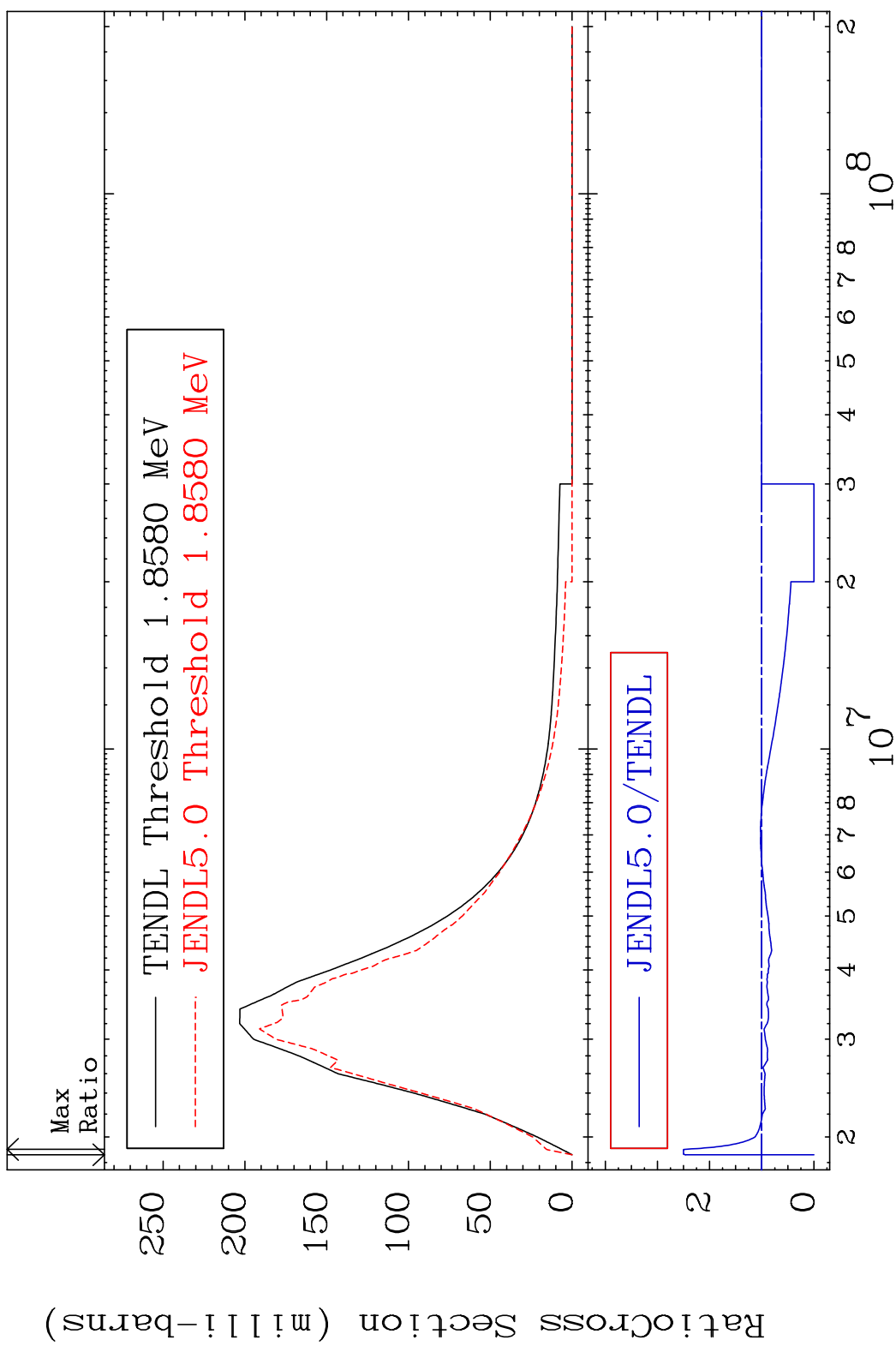
8 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 51 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 62.47 %



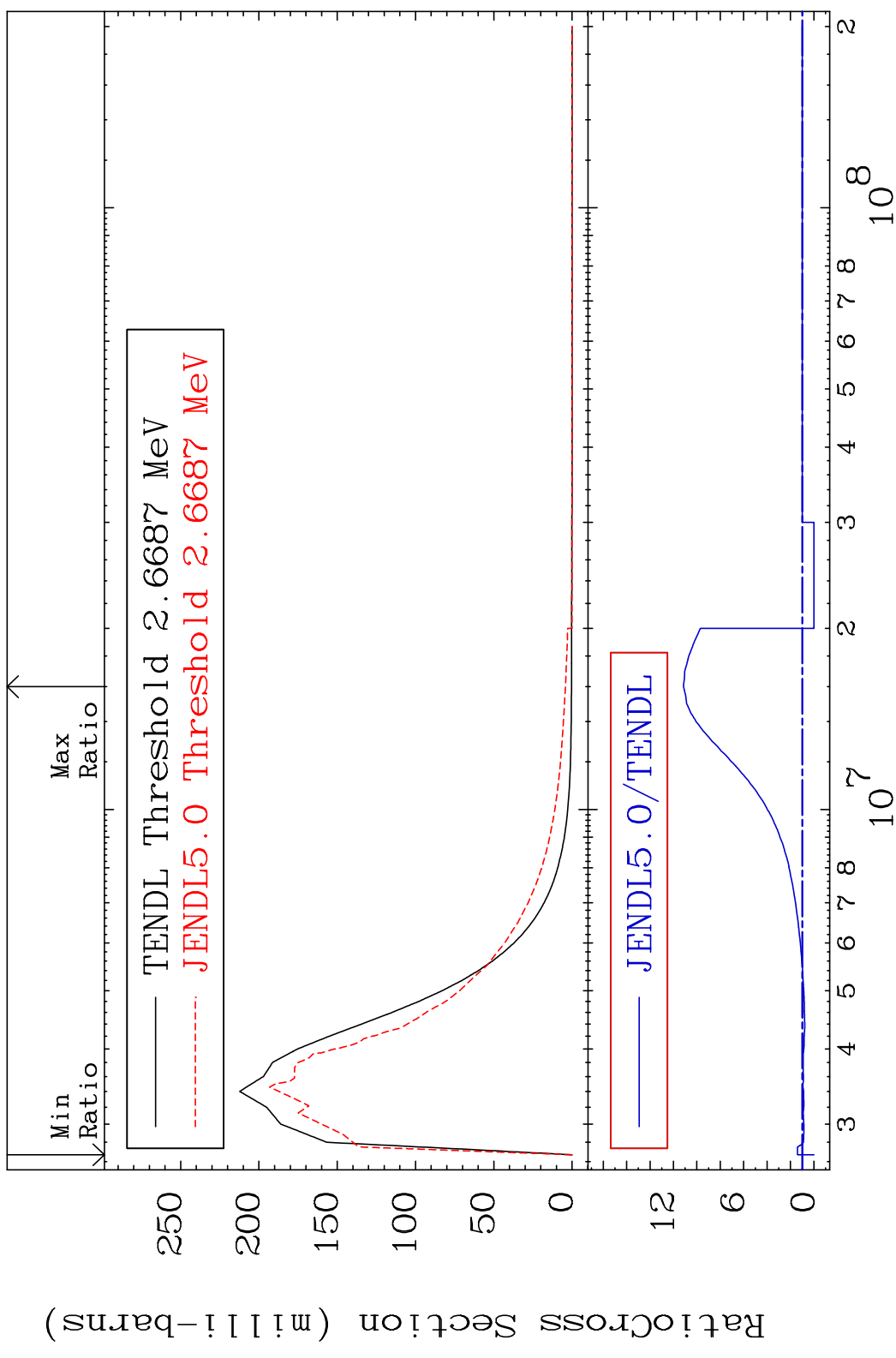
9 24-Cr-54

MAT 2437 MT= 52 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 150.1 %



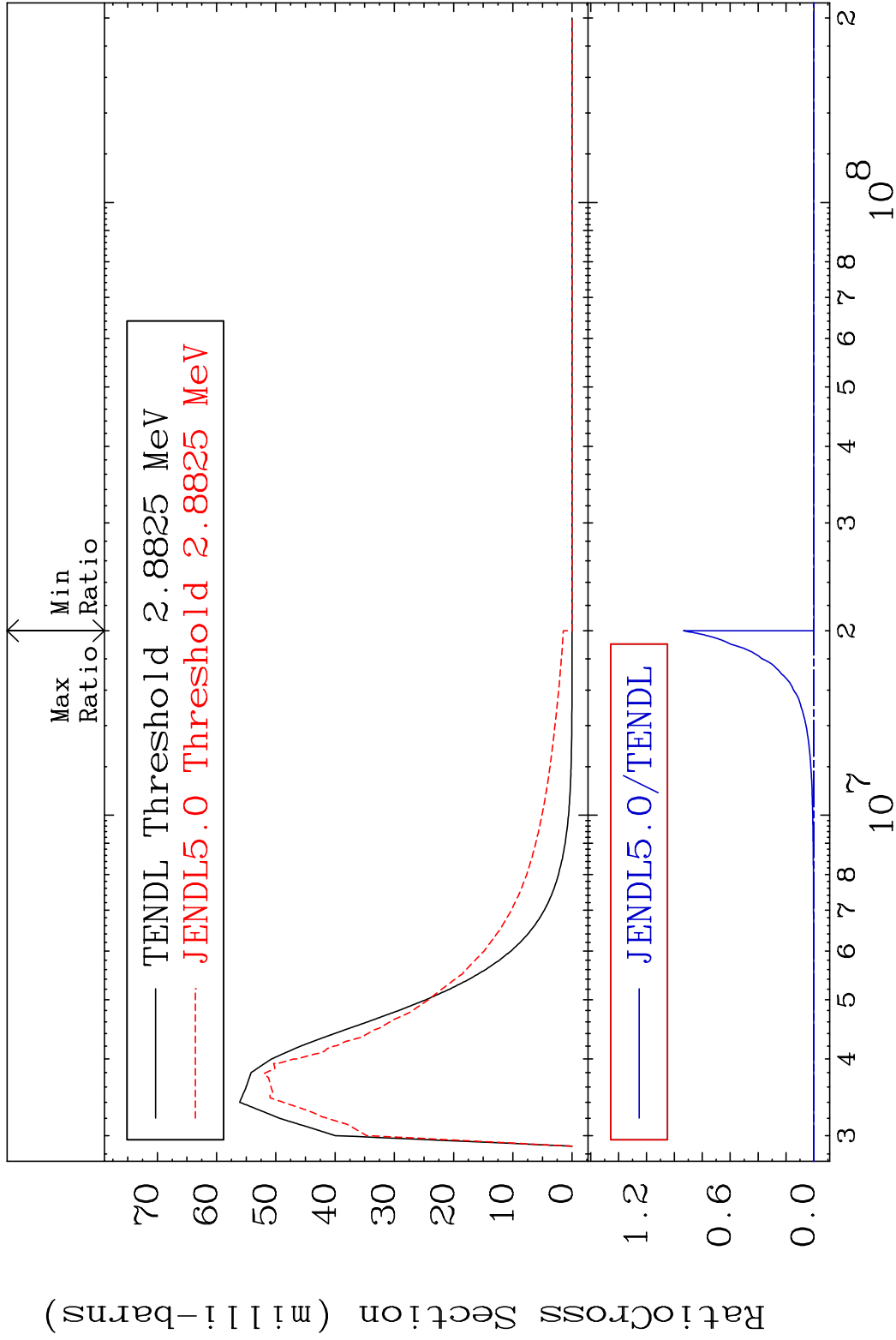
10 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 53 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 1014. %



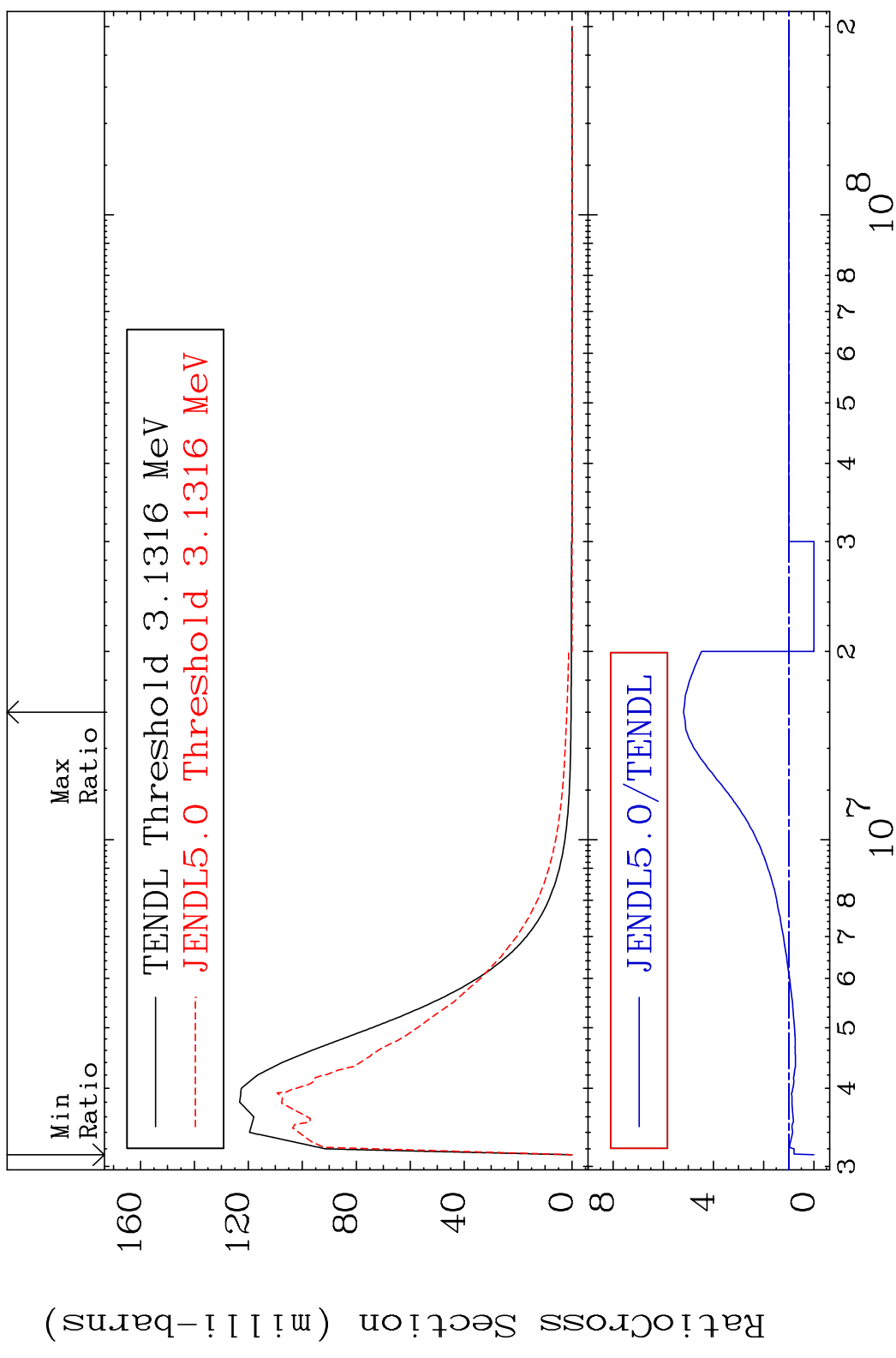
11 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 54 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %

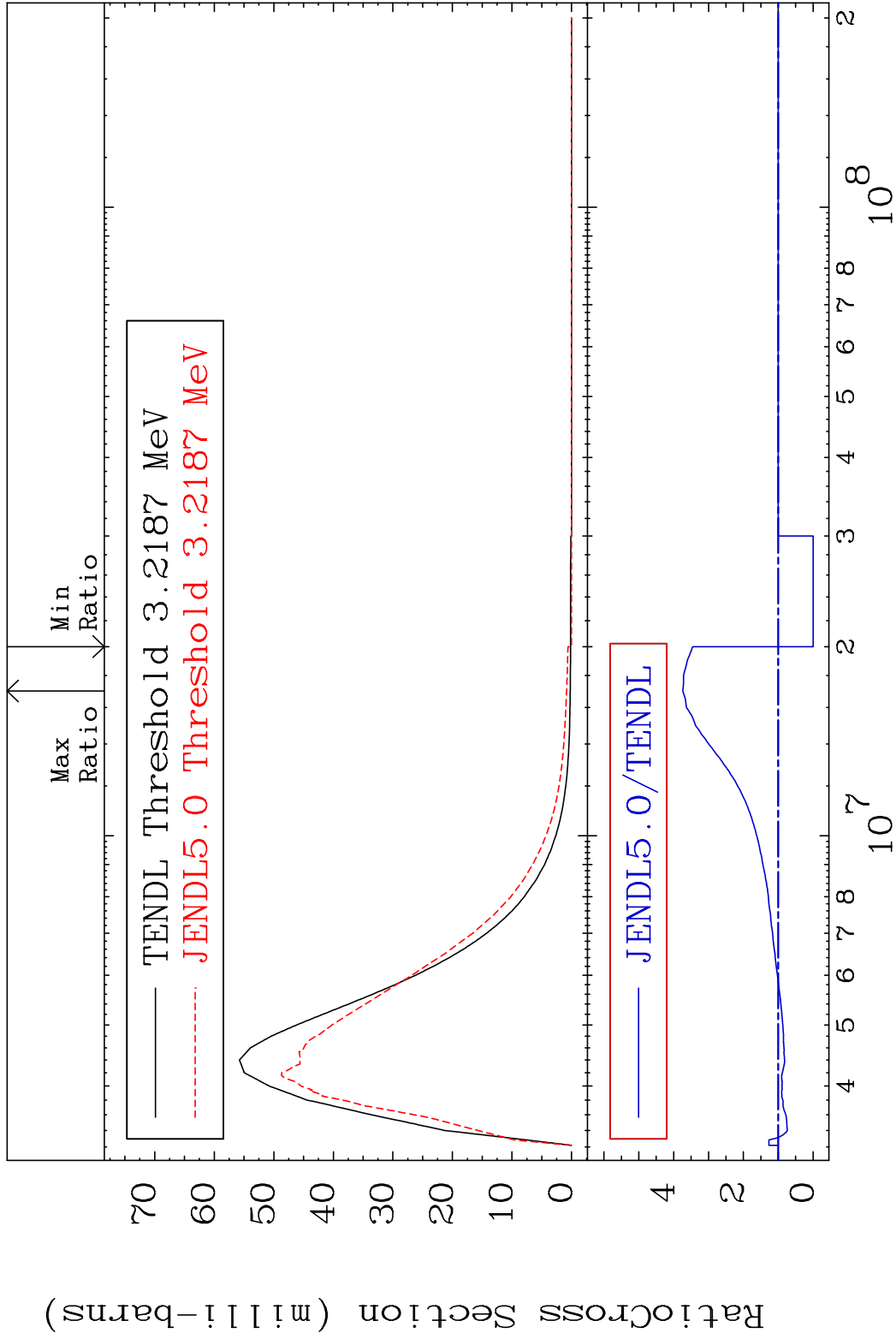


12 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 55 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 419.7 %

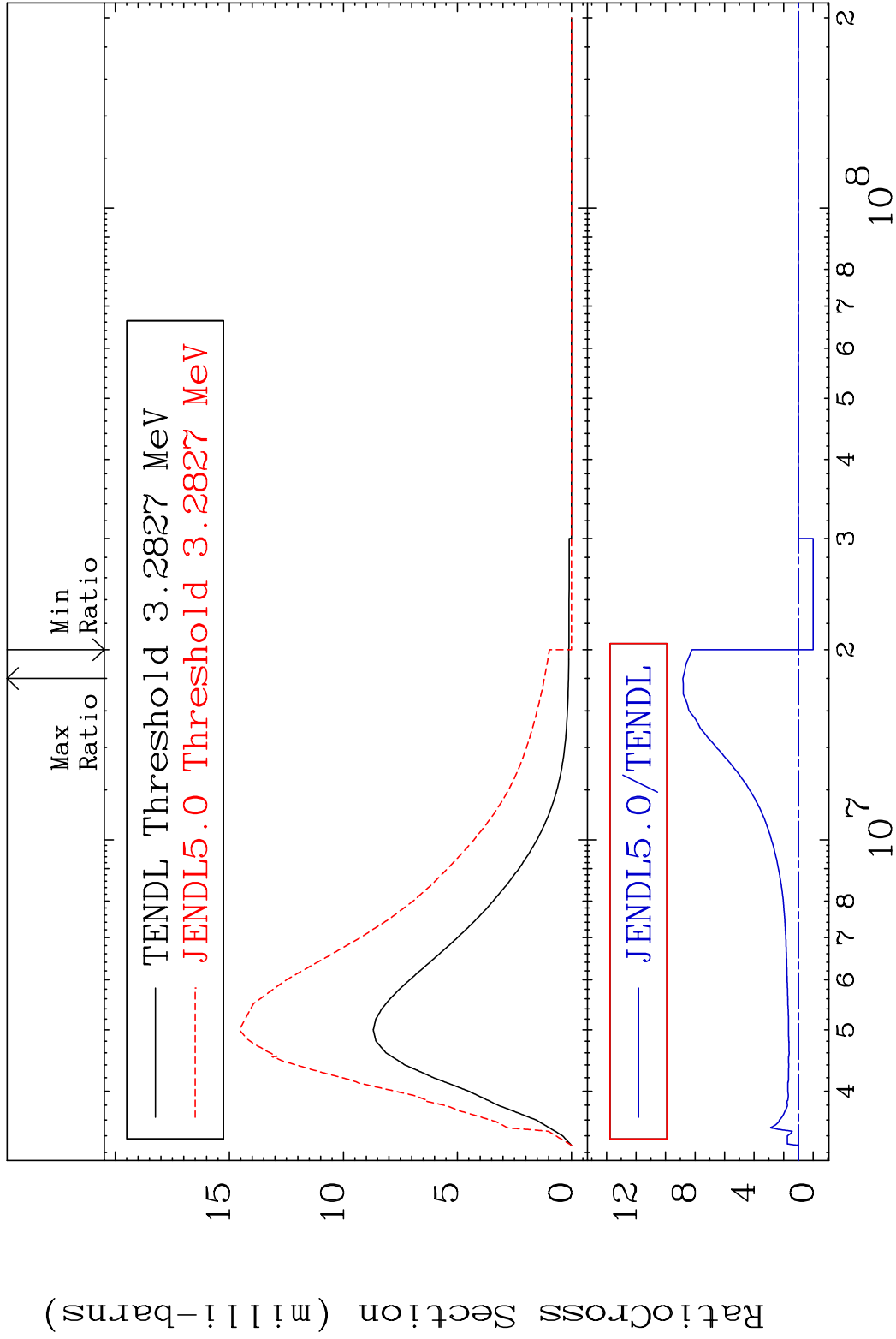


MAT 2437 MT= 56 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 273.8 %



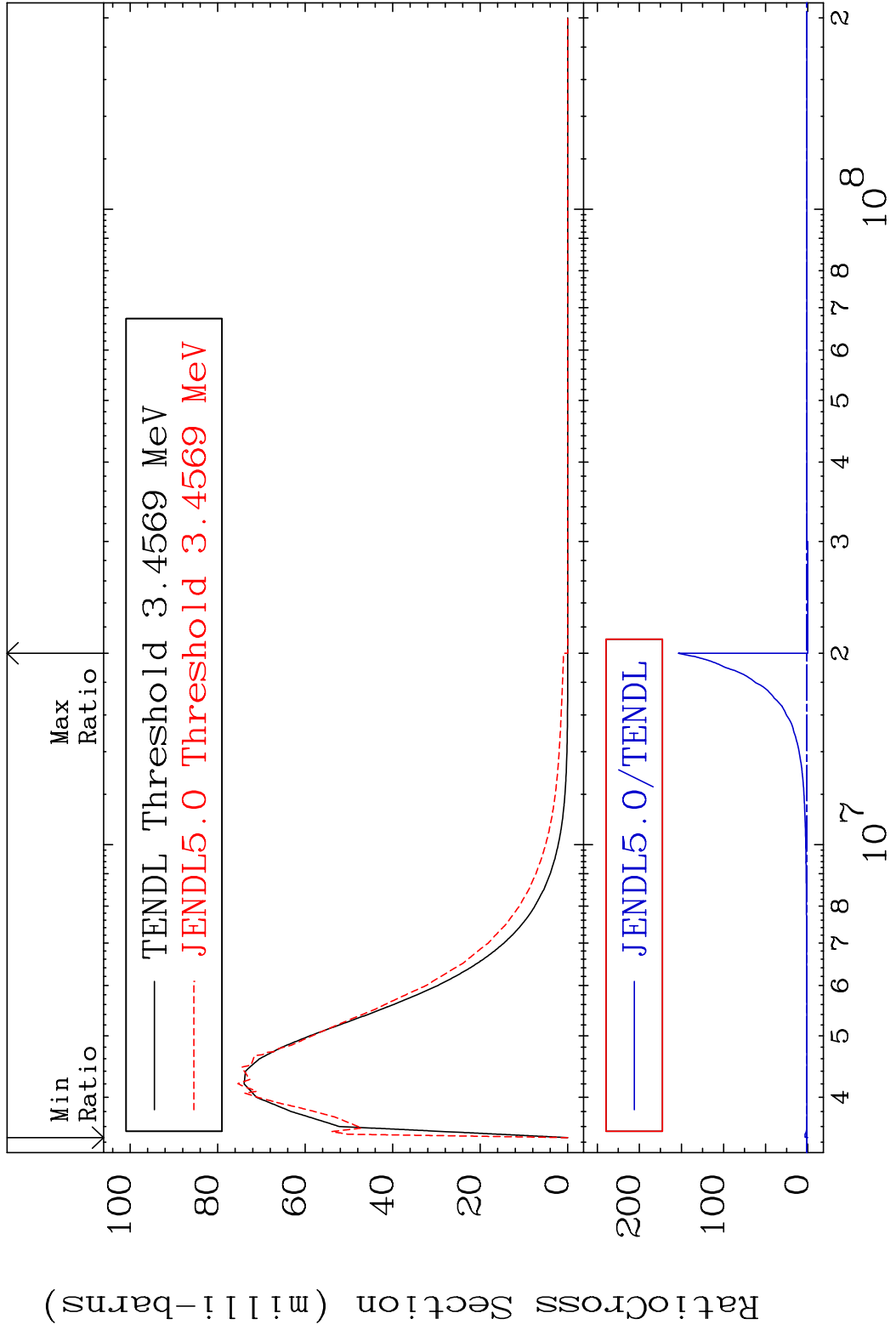
14 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 57 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 783.3 %



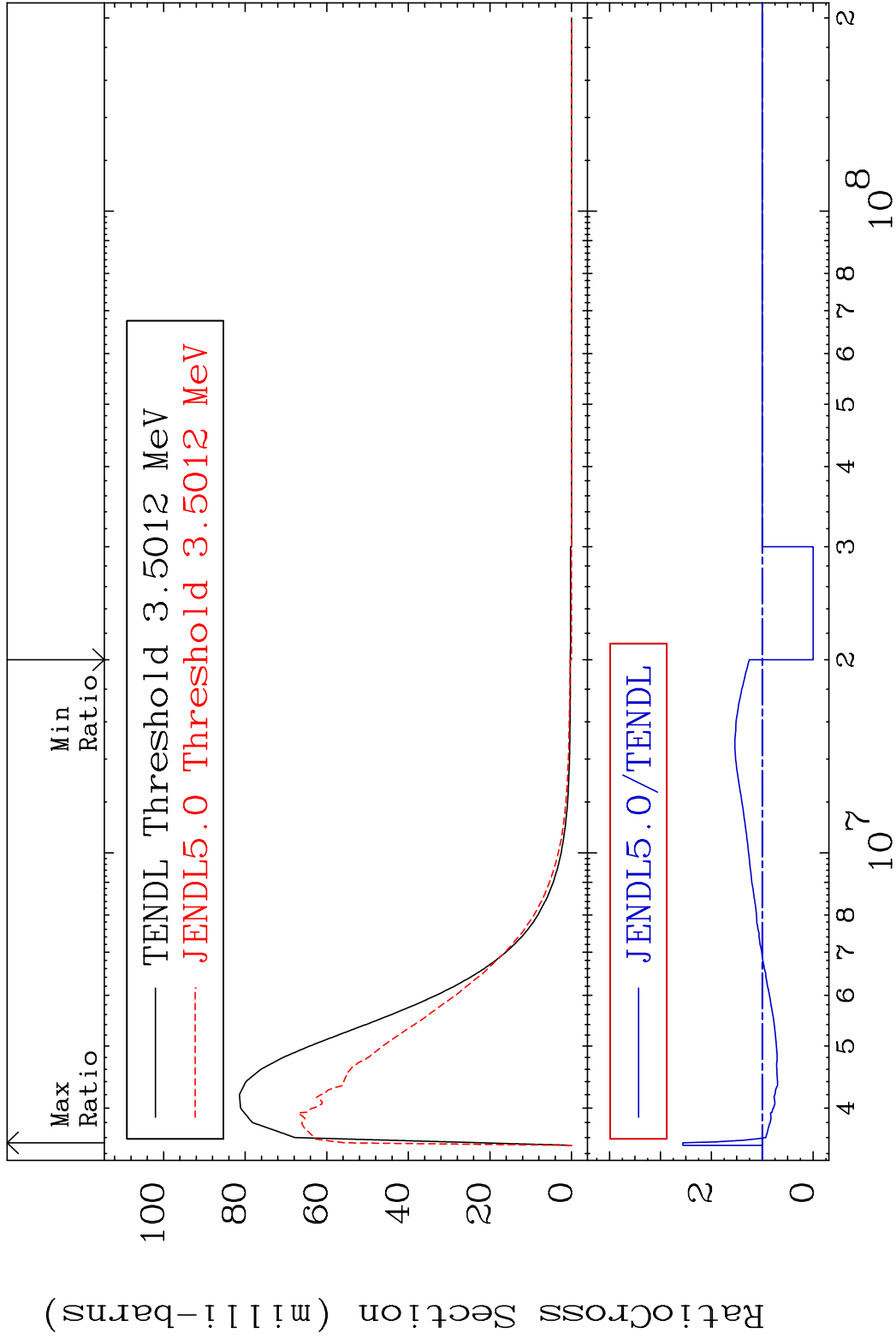
15 24-Cr-54

MAT 2437 MT= 58 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



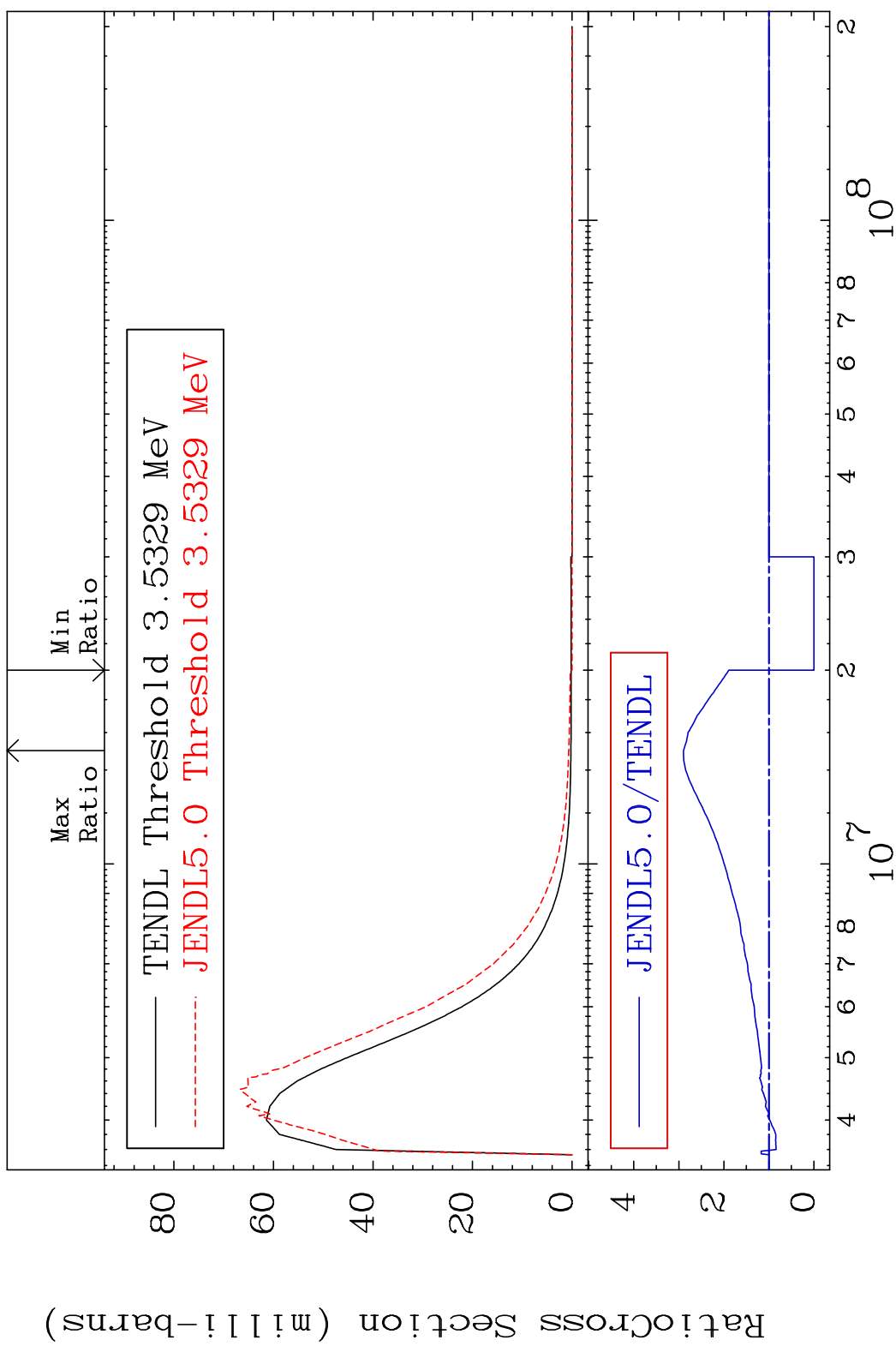
16 24-Cr-54

MAT 2437 MT= 59 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 156.1 %



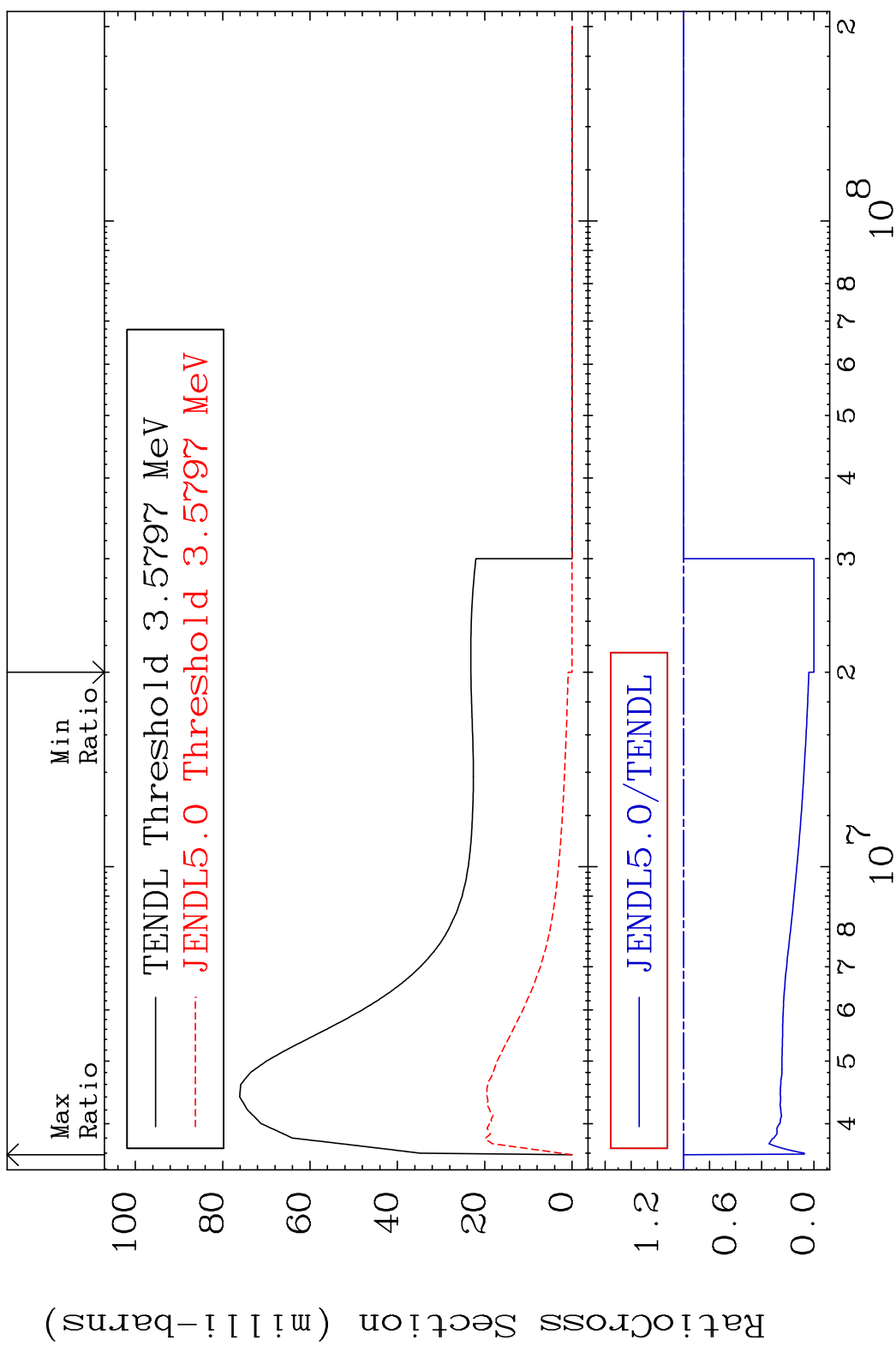
17 24-Cr-54

MAT 2437 MT= 60 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 189.7 %

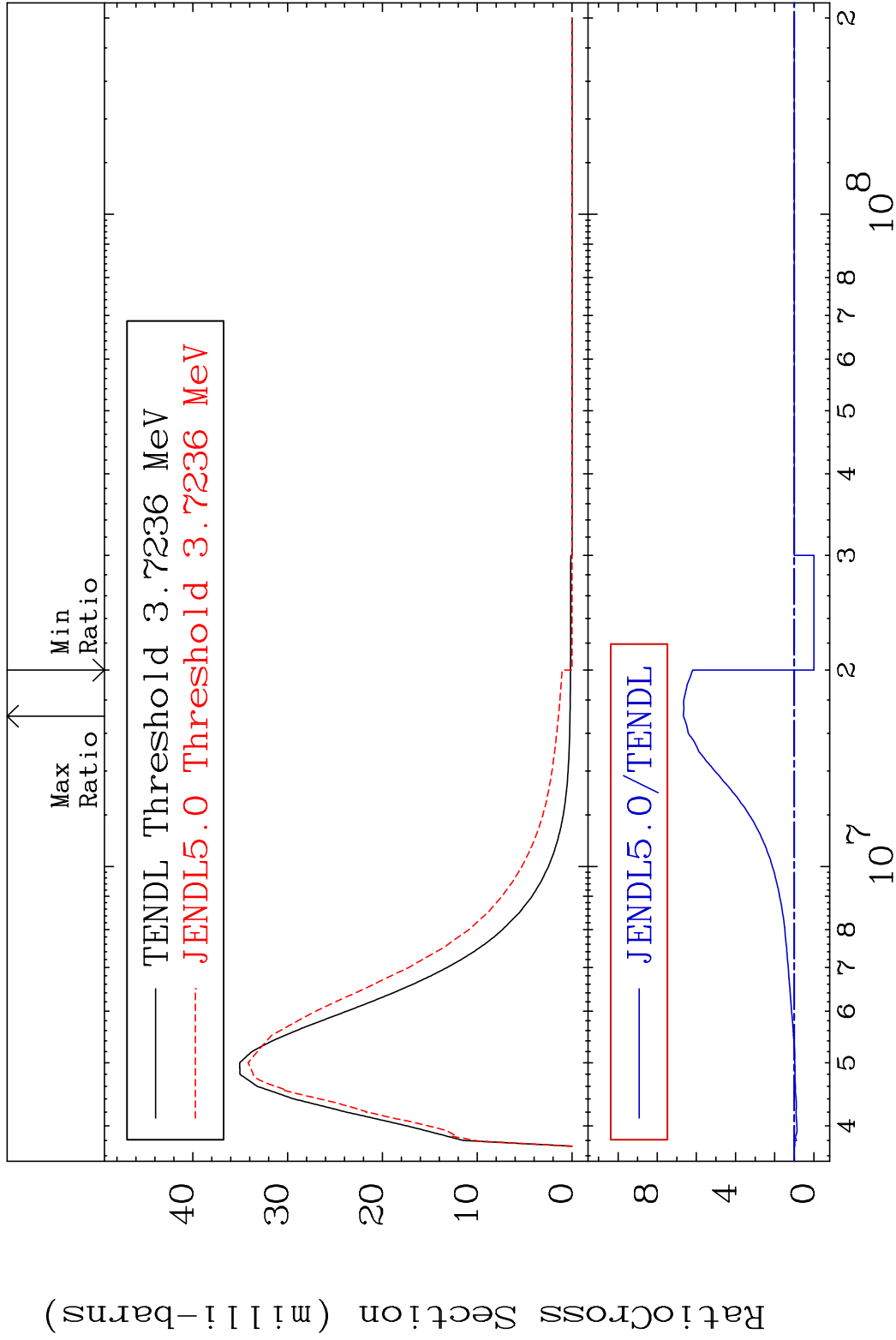


18 24-Cr-54

MAT 2437 MT= 61 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 0.000 %

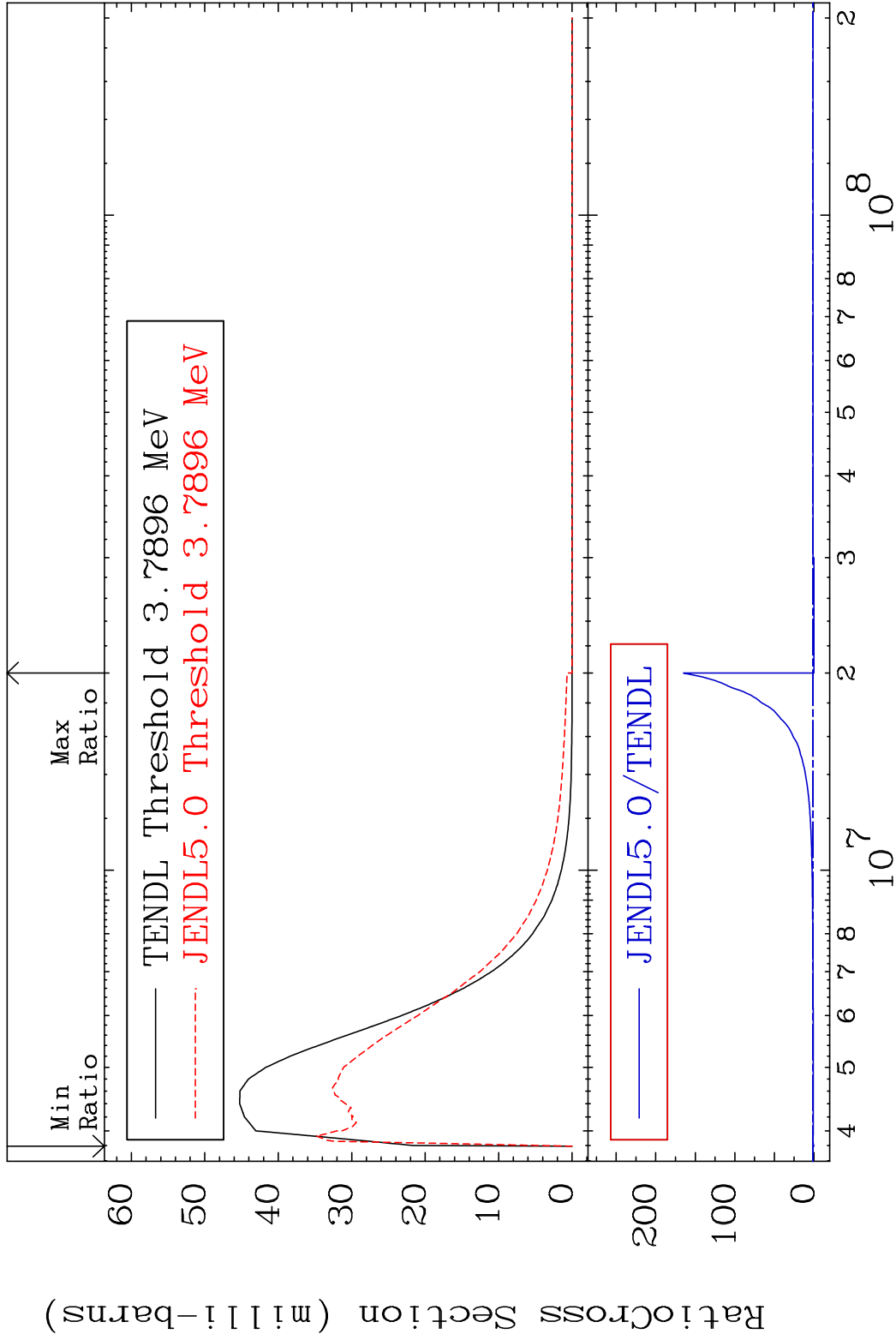


MAT 2437 MT= 62 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 566.0 %

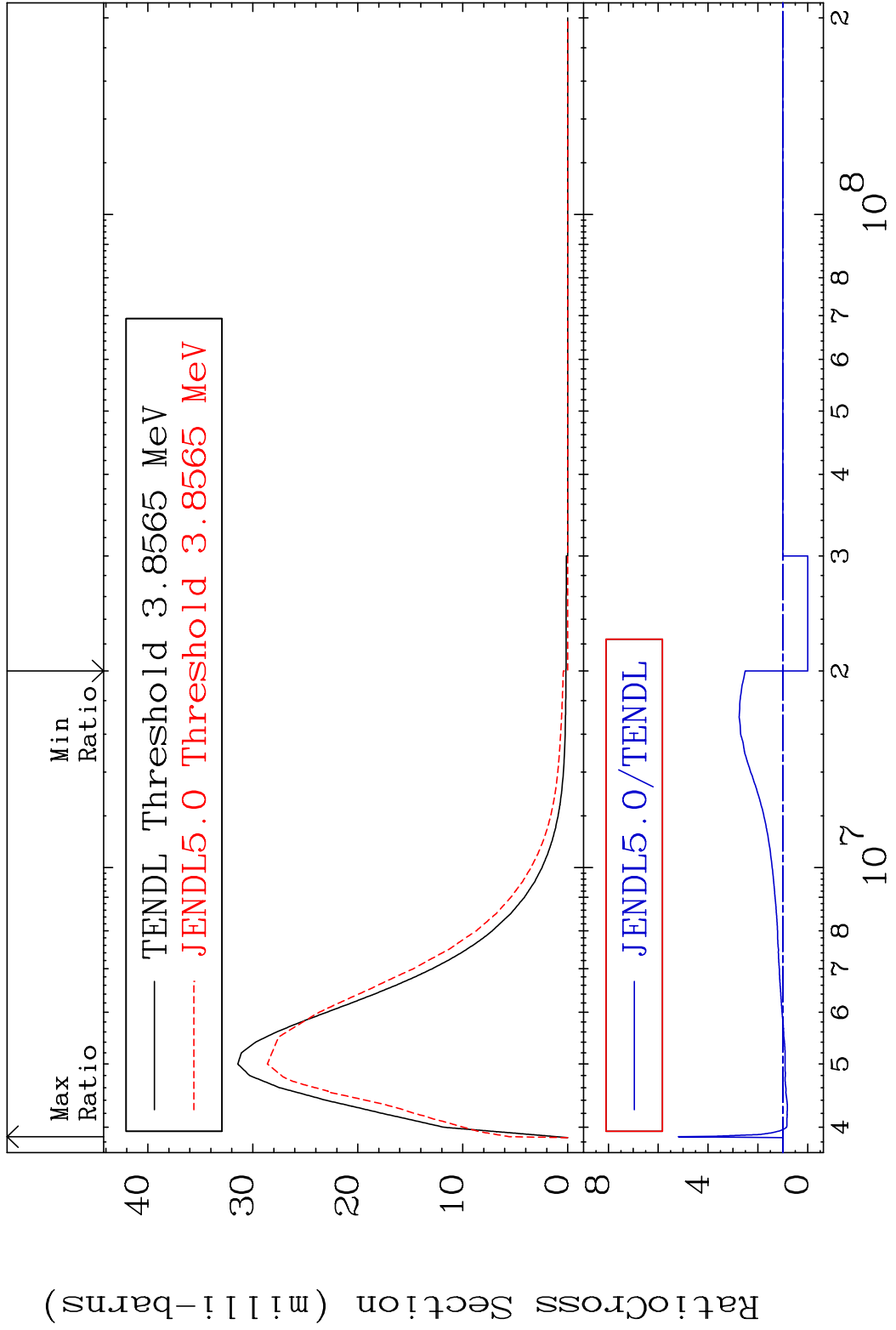


20 24-Cr-54

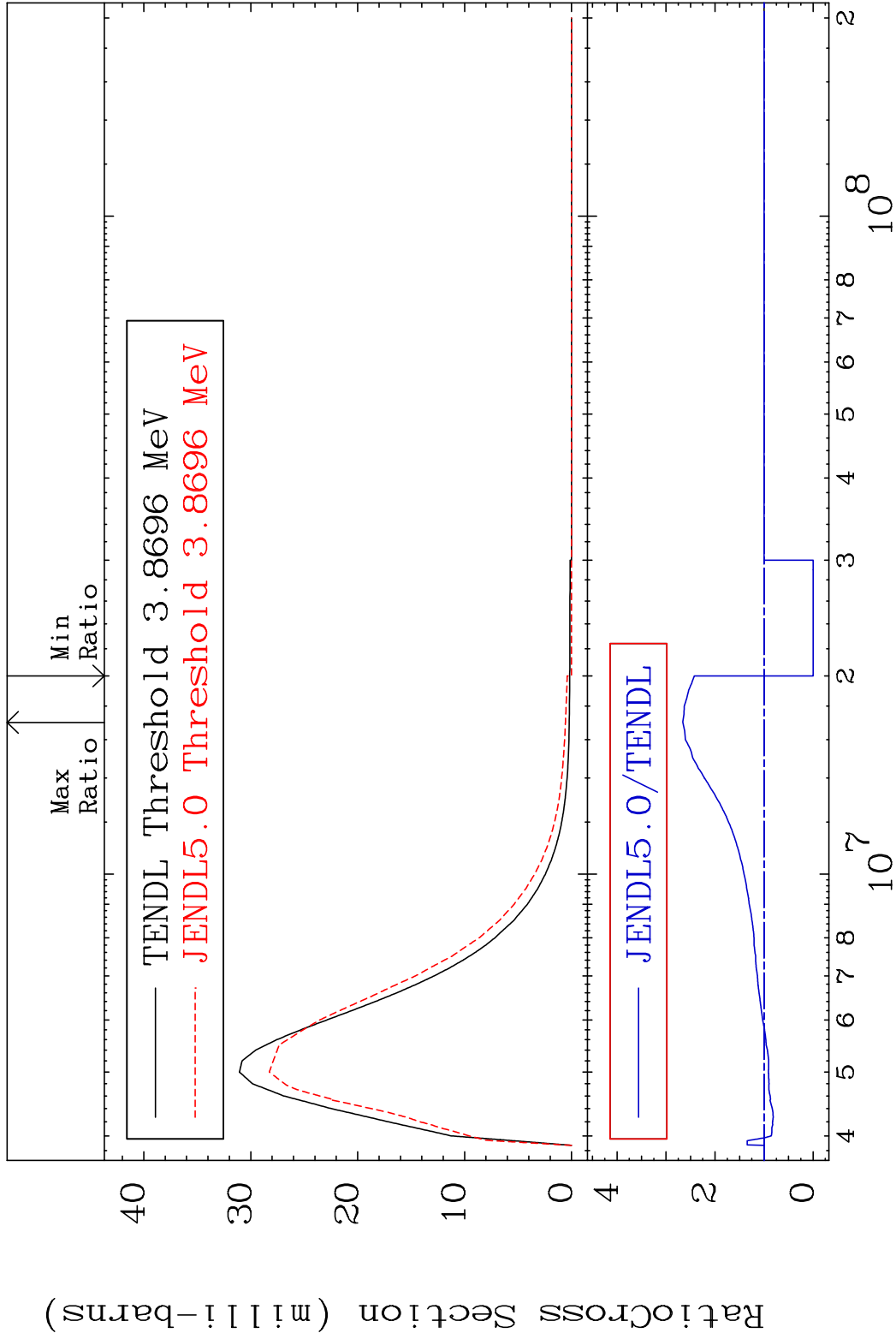
MAT 2437 MT= 63 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %

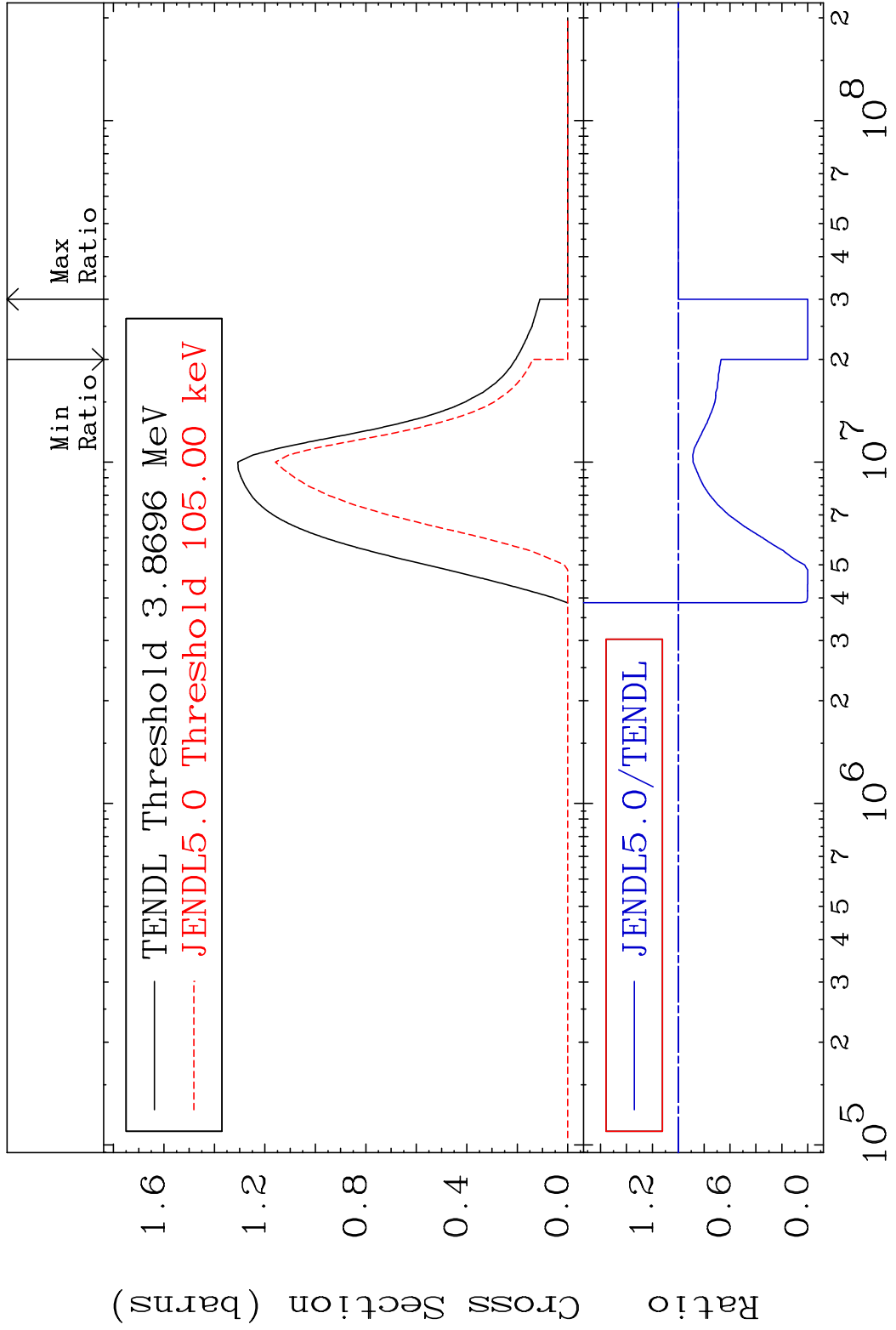


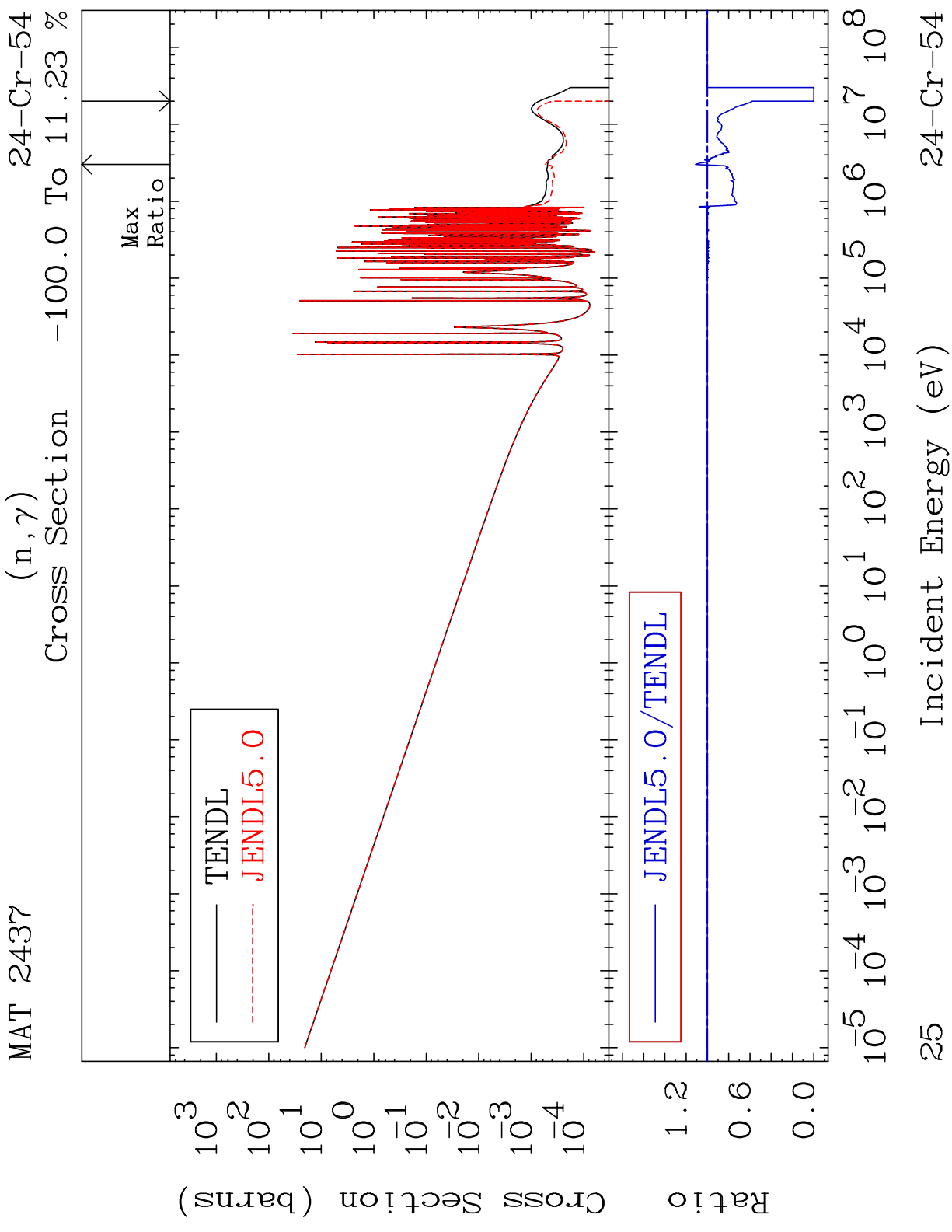
MAT 2437 MT= 64 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 419.5 %



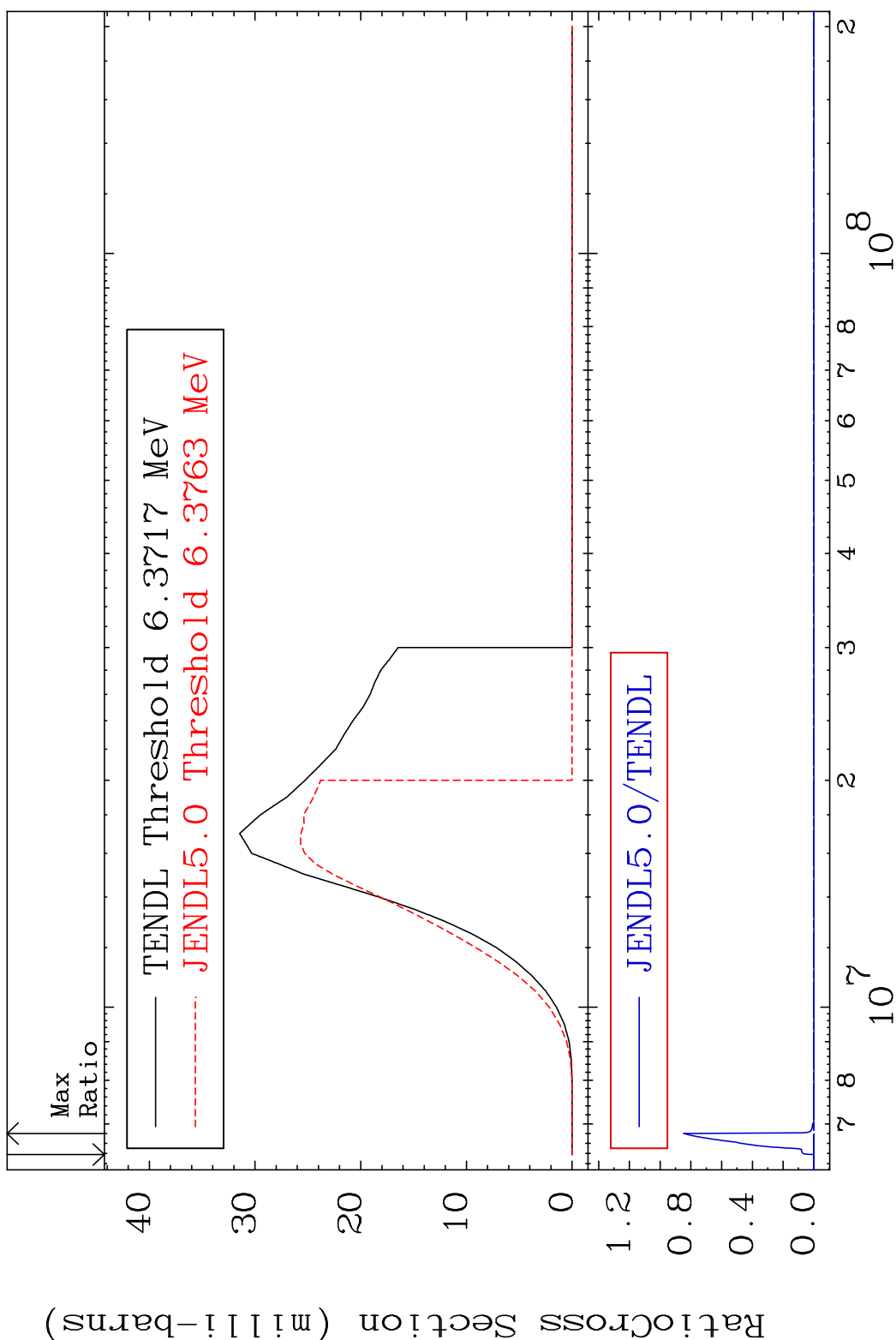
MAT 2437 MT= 65 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 165.8 %





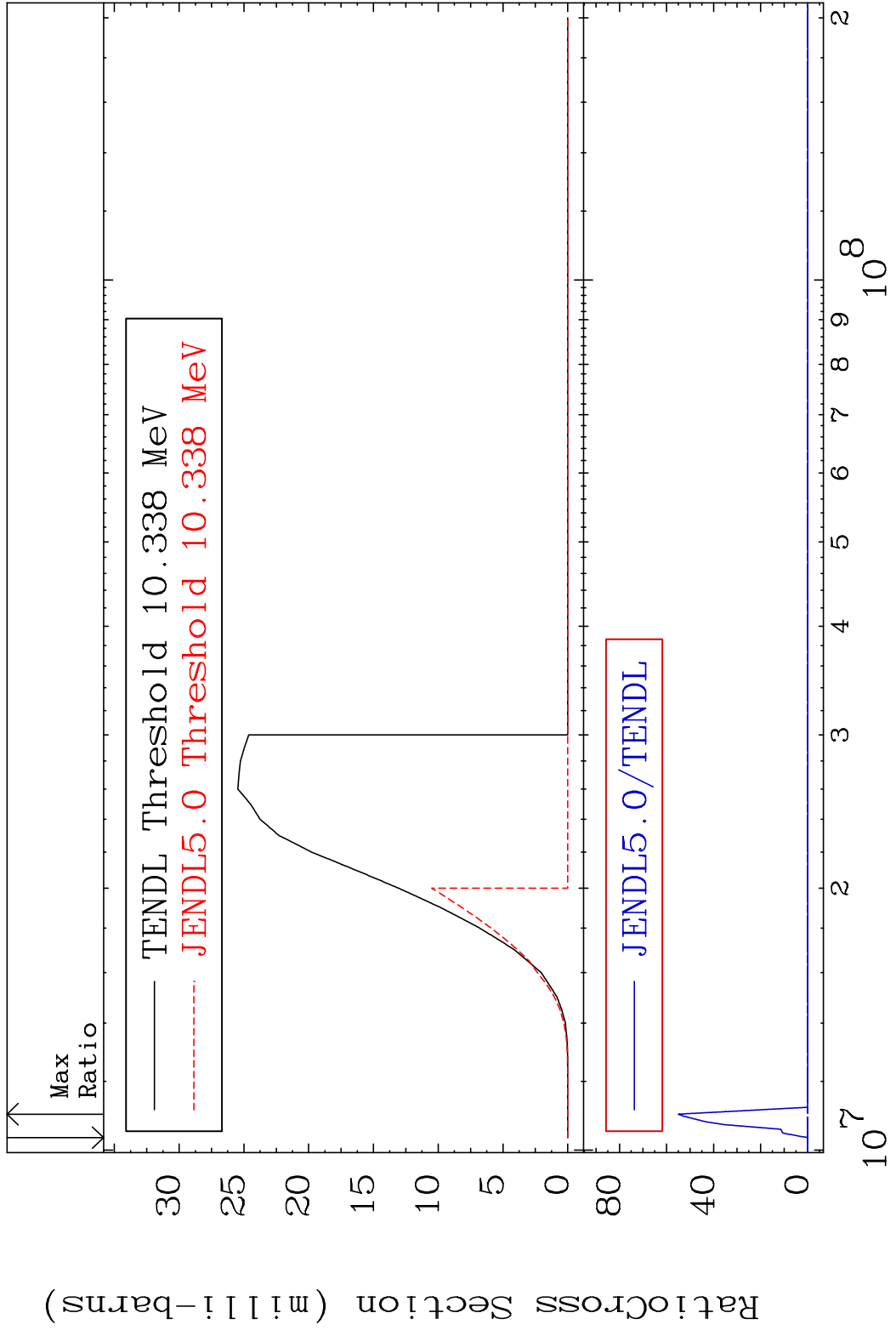


MAT 2437 (n,p) 24-Cr-54
 Cross Section -100.0 To 9999. %



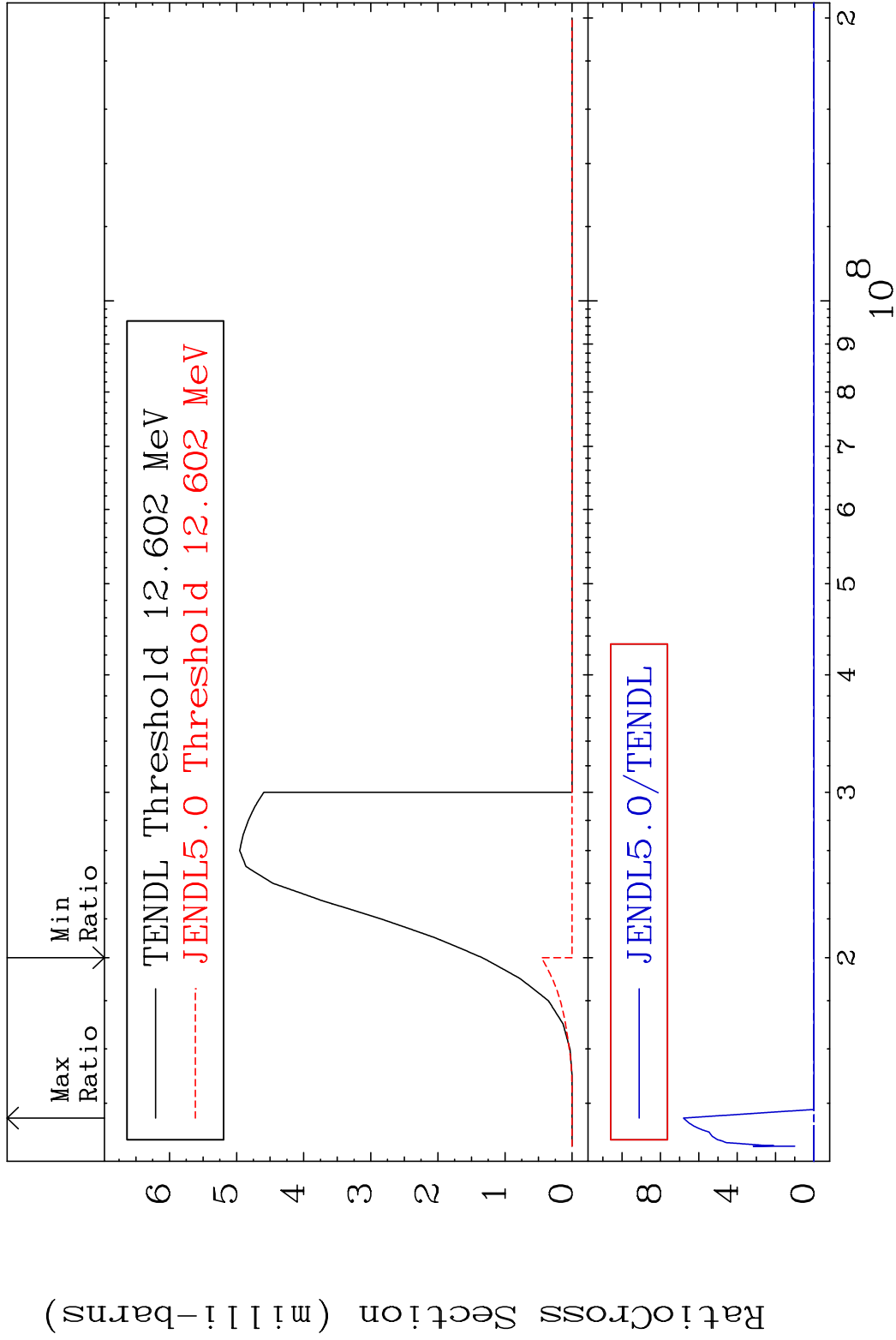
26 Incident Energy (eV) 24-Cr-54

MAT 2437 (n, d) 24-Cr-54
Cross Section -100.0 To 9999. %

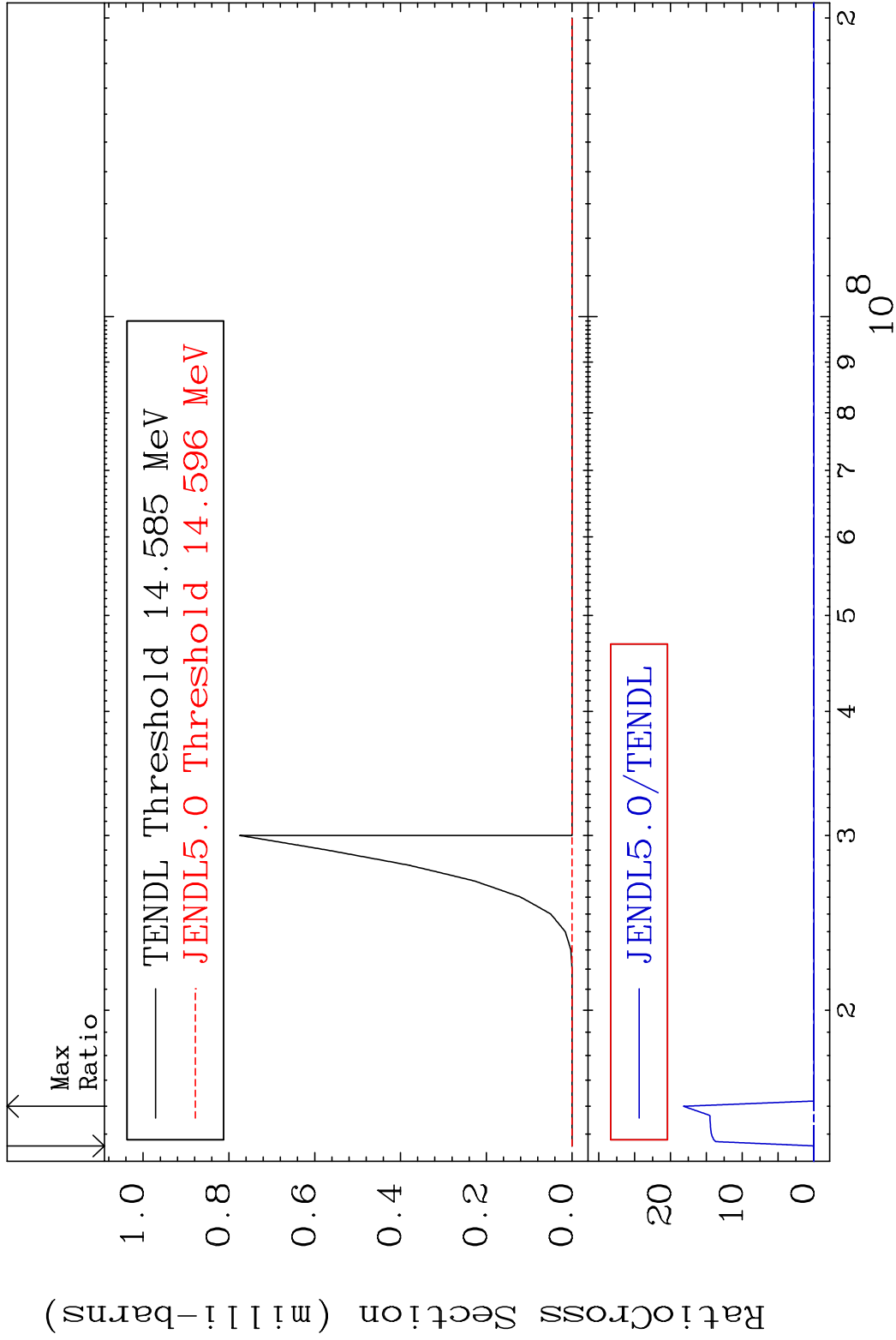


27 Incident Energy (eV) 24-Cr-54

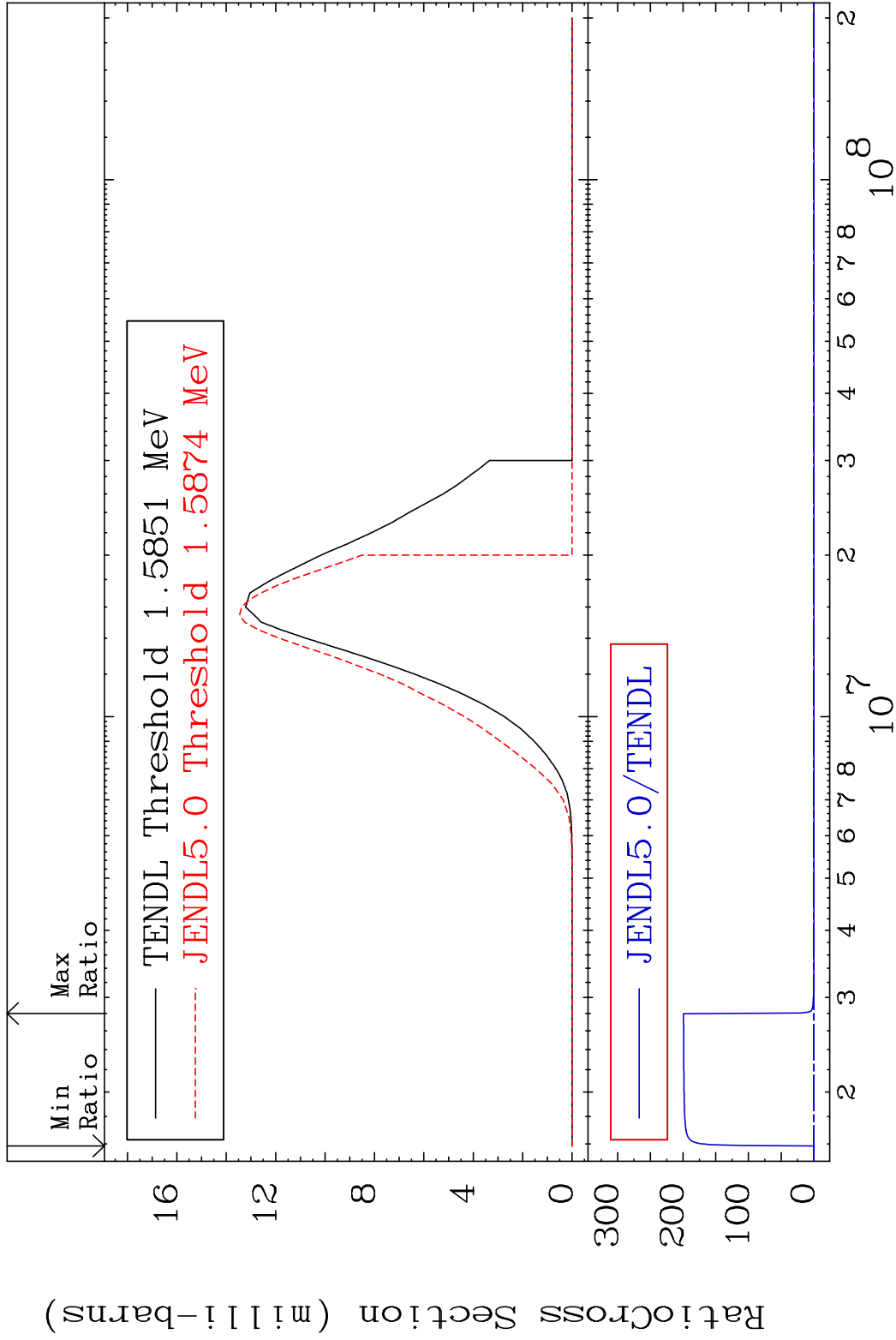
MAT 2437 (n, t) 24-Cr-54
 Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 24-Cr-54

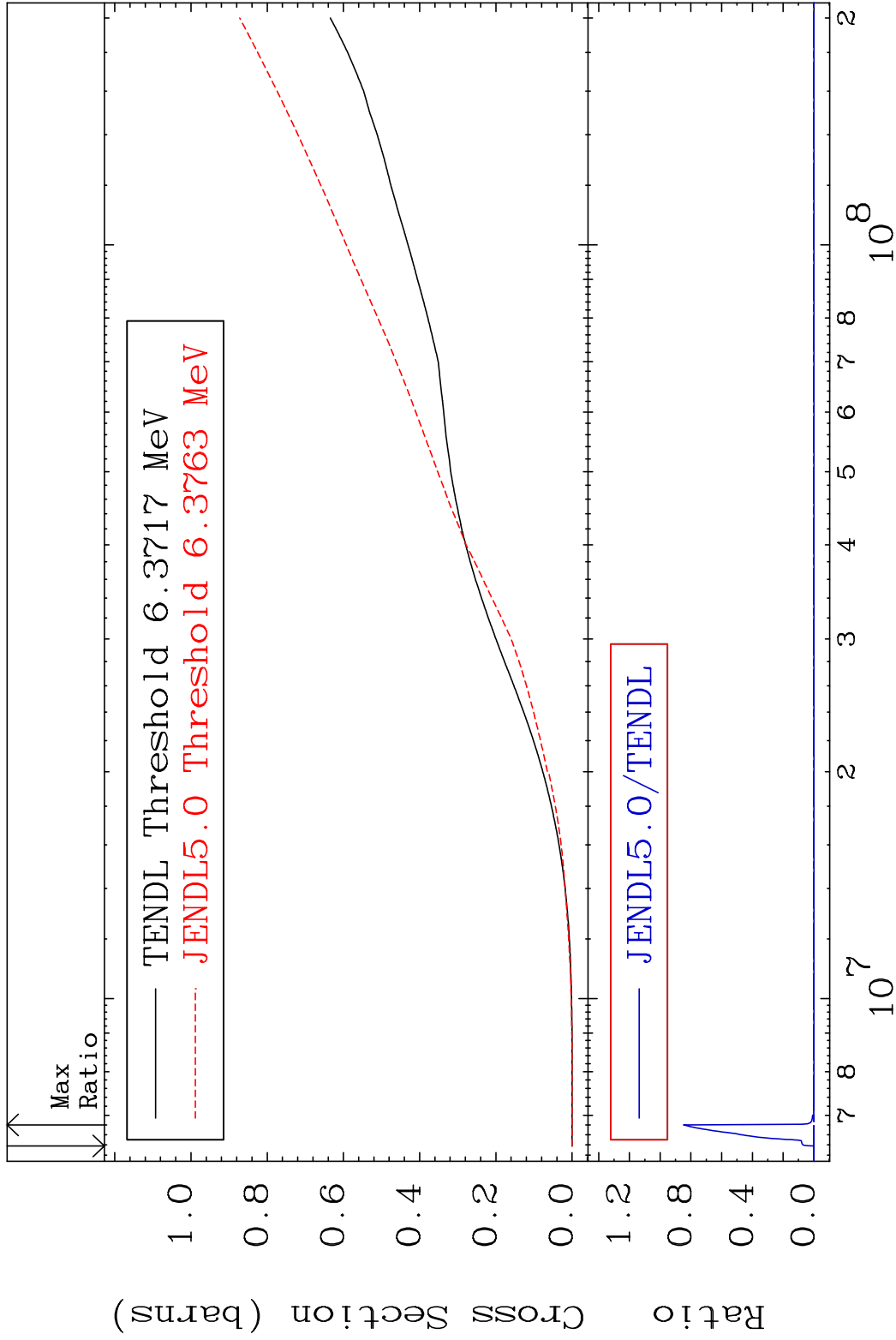


MAT 2437 (n, α) 24-Cr-54
 Cross Section -100.0 To 9999. %

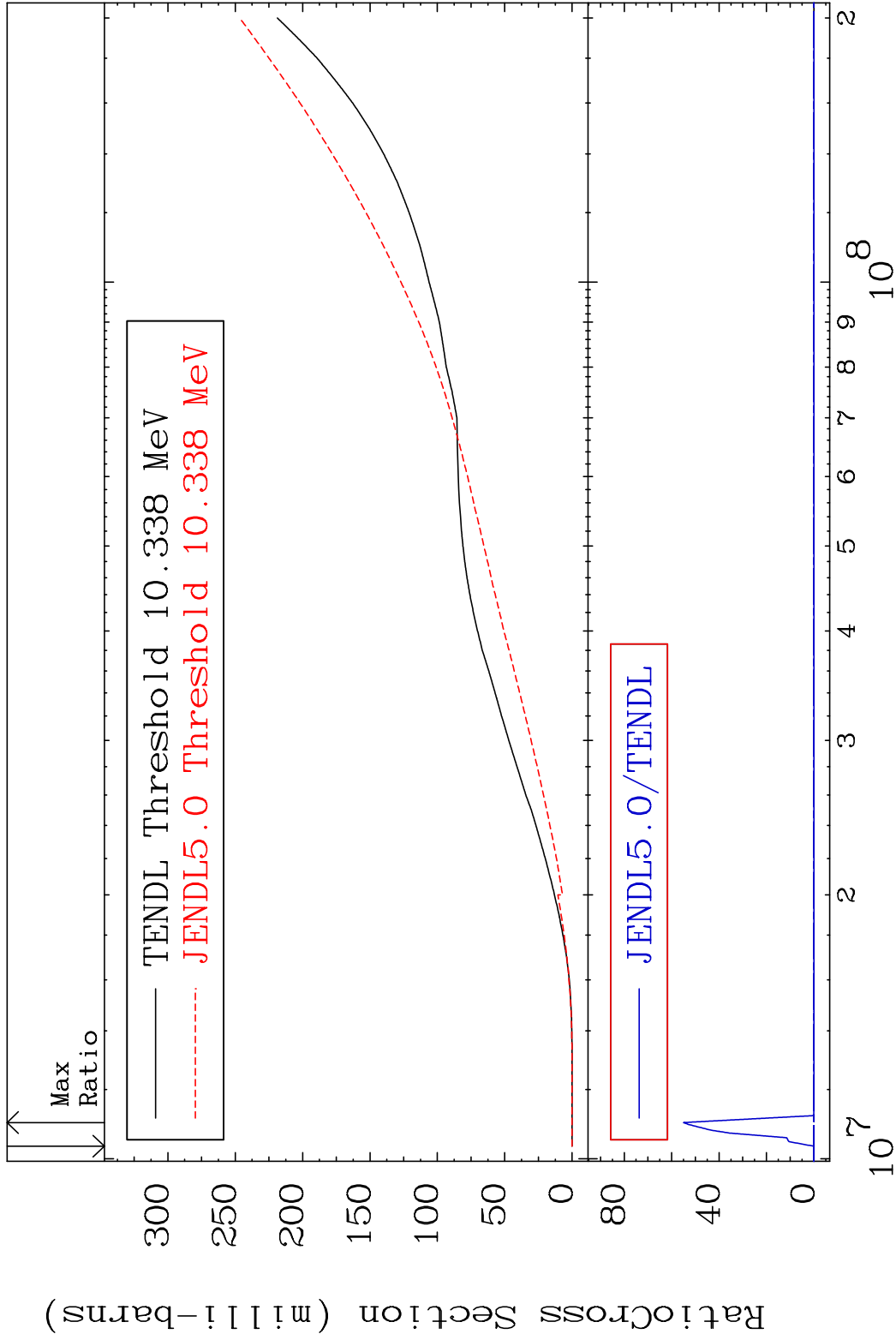


30 24-Cr-54

MAT 2437 Hydrogen Production 24-Cr-54
 Cross Section -100.0 To 9999. %



MAT 2437 Deuterium Production ²⁴Cr-54
 Cross Section -100.0 To 9999. %



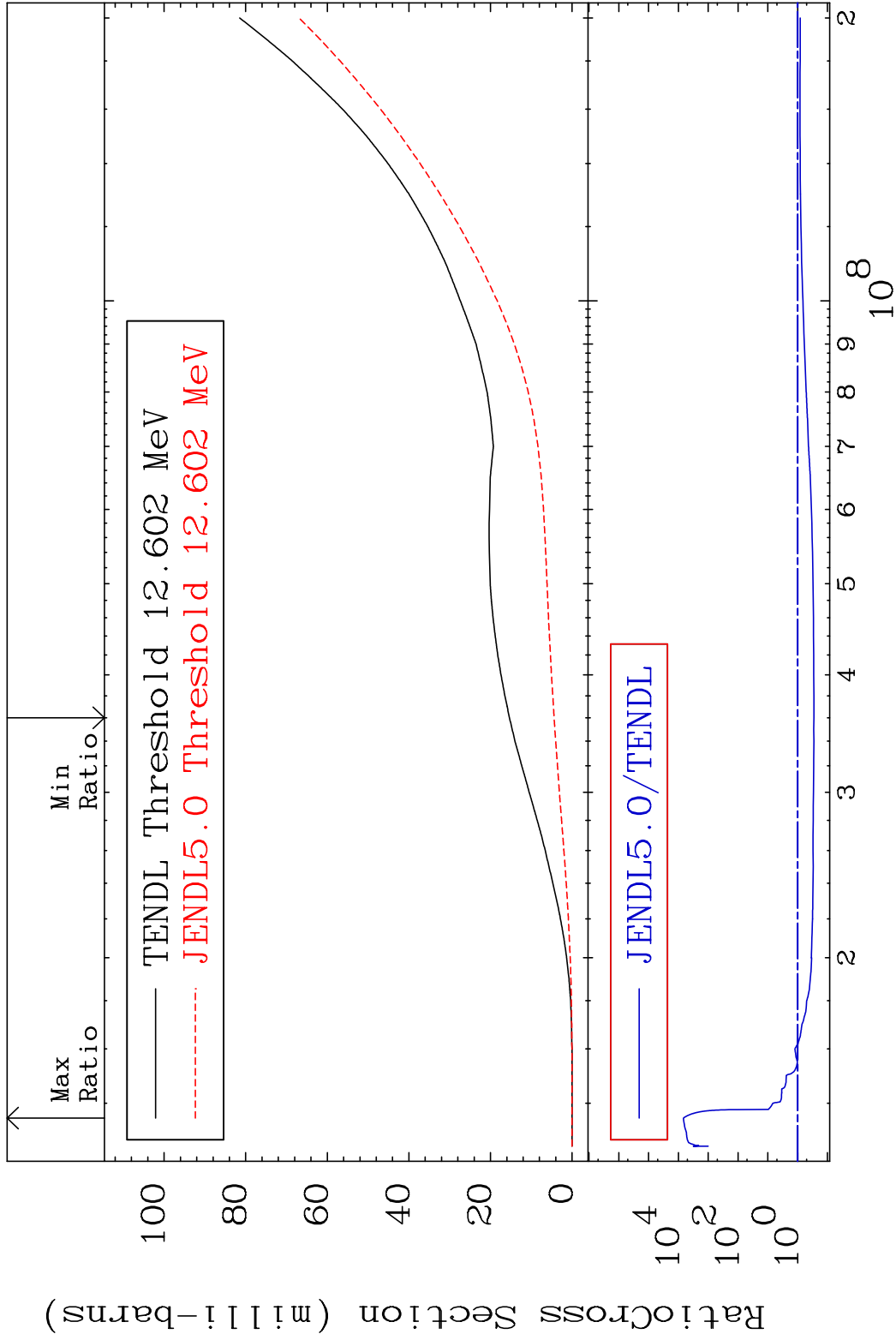
32 24-Cr-54

MAT 2437

Tritium Production

²⁴Cr-54

Cross Section -71.32 To 9999. %



33

Incident Energy (eV)

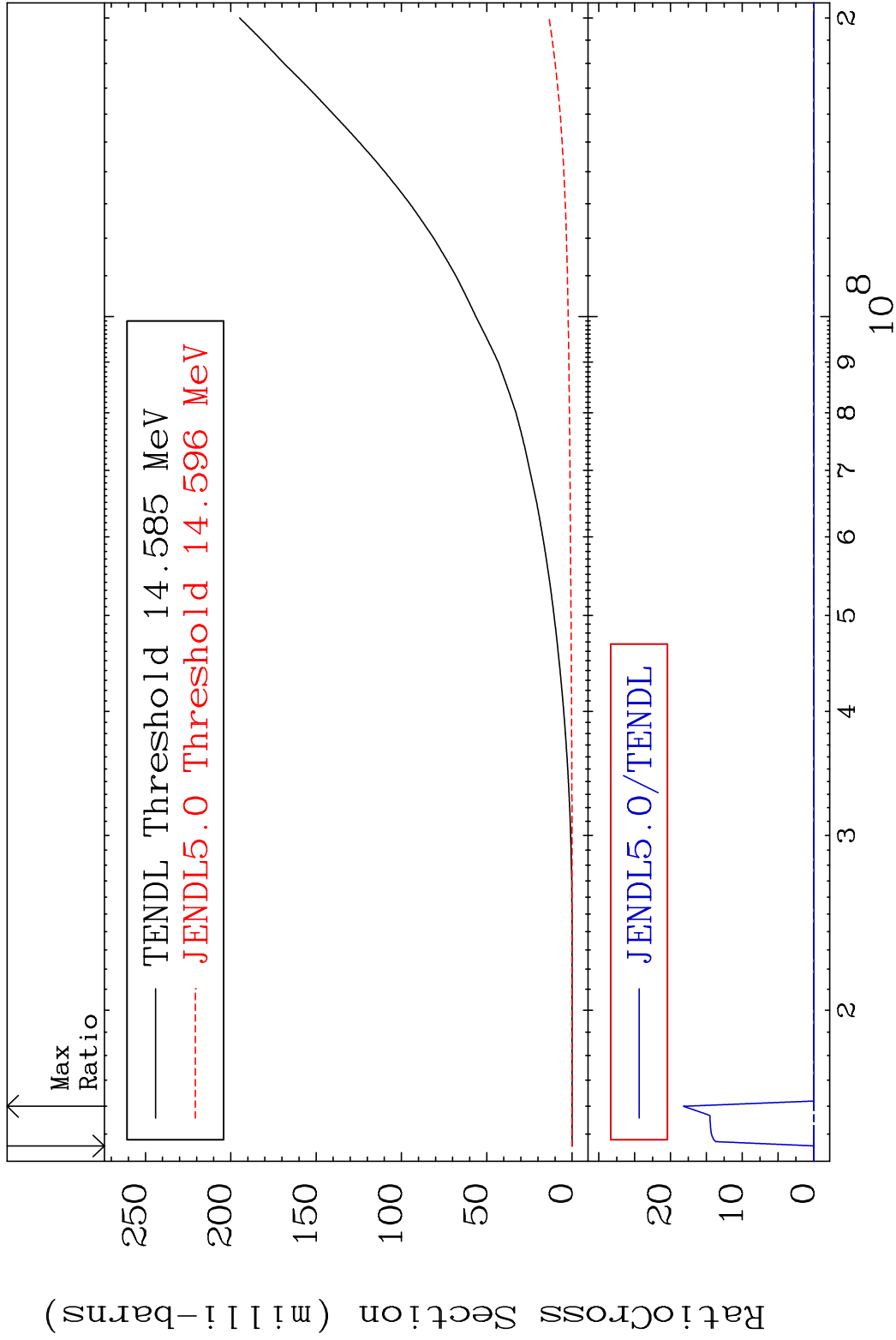
²⁴Cr-54

MAT 2437

He-3 Production

²⁴Cr-54

Cross Section -100.0 To 9999. %

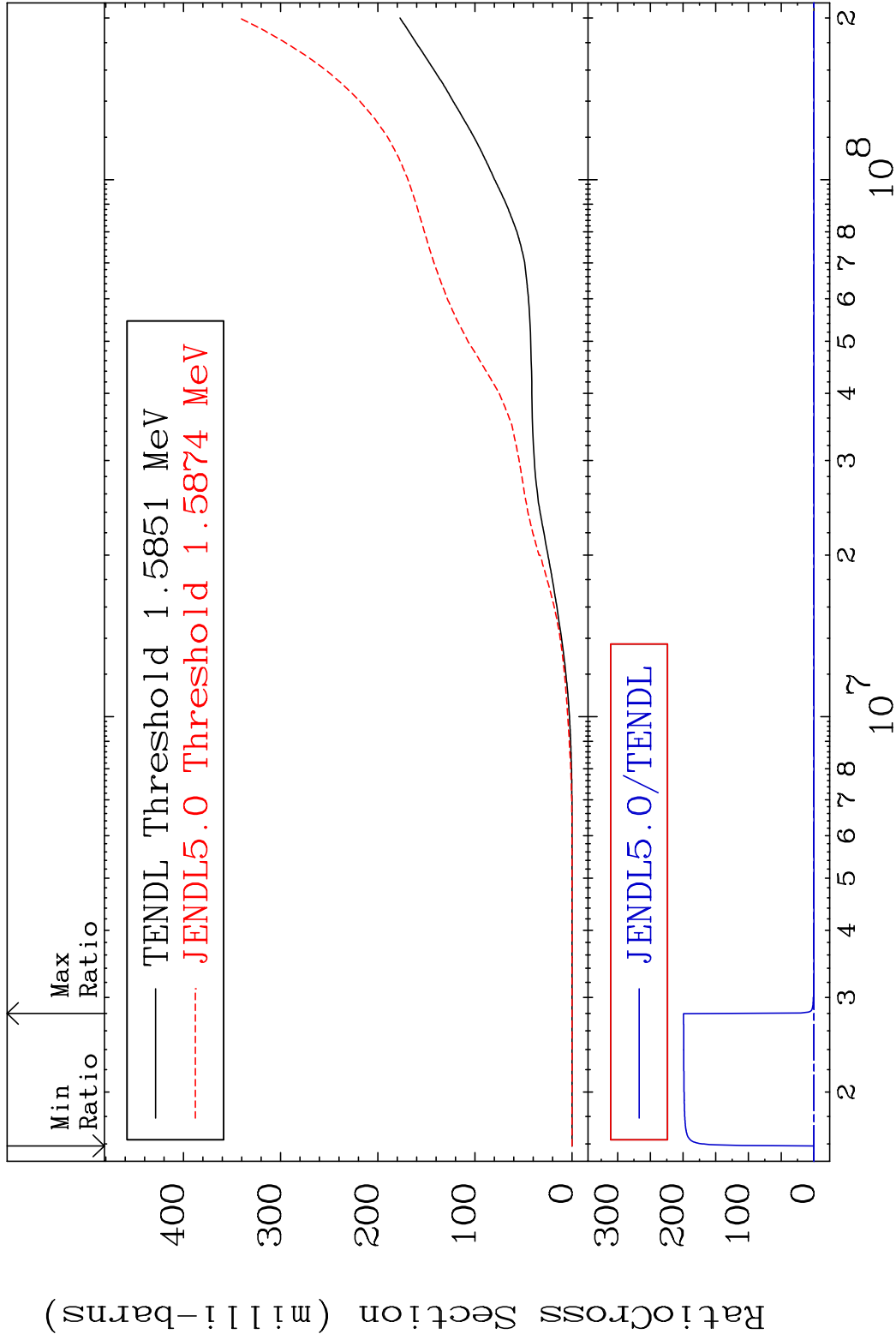


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Incident Energy (eV)

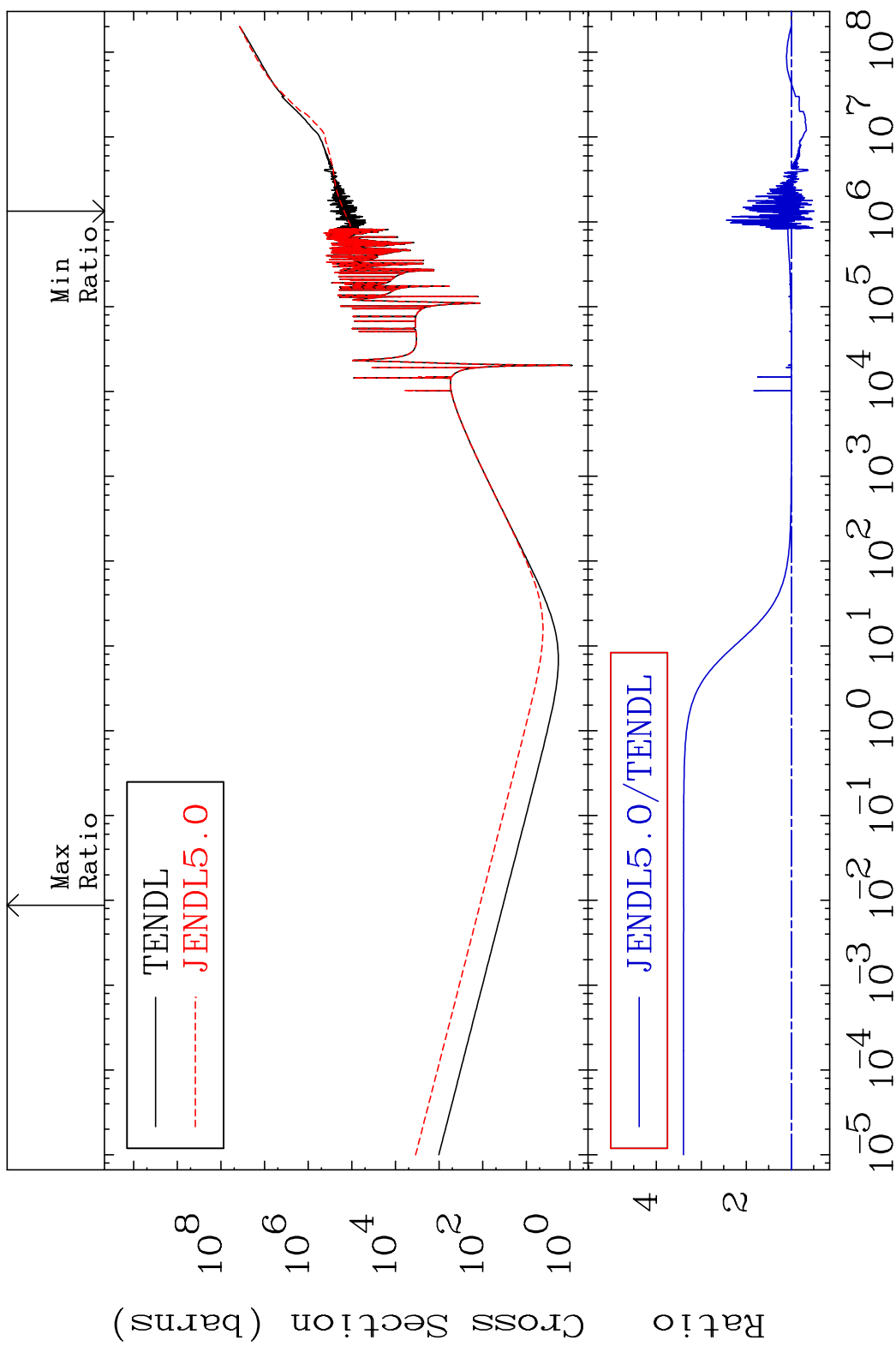
²⁴Cr-54

MAT 2437 He-4 Production 24-Cr-54
 Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 24-Cr-54

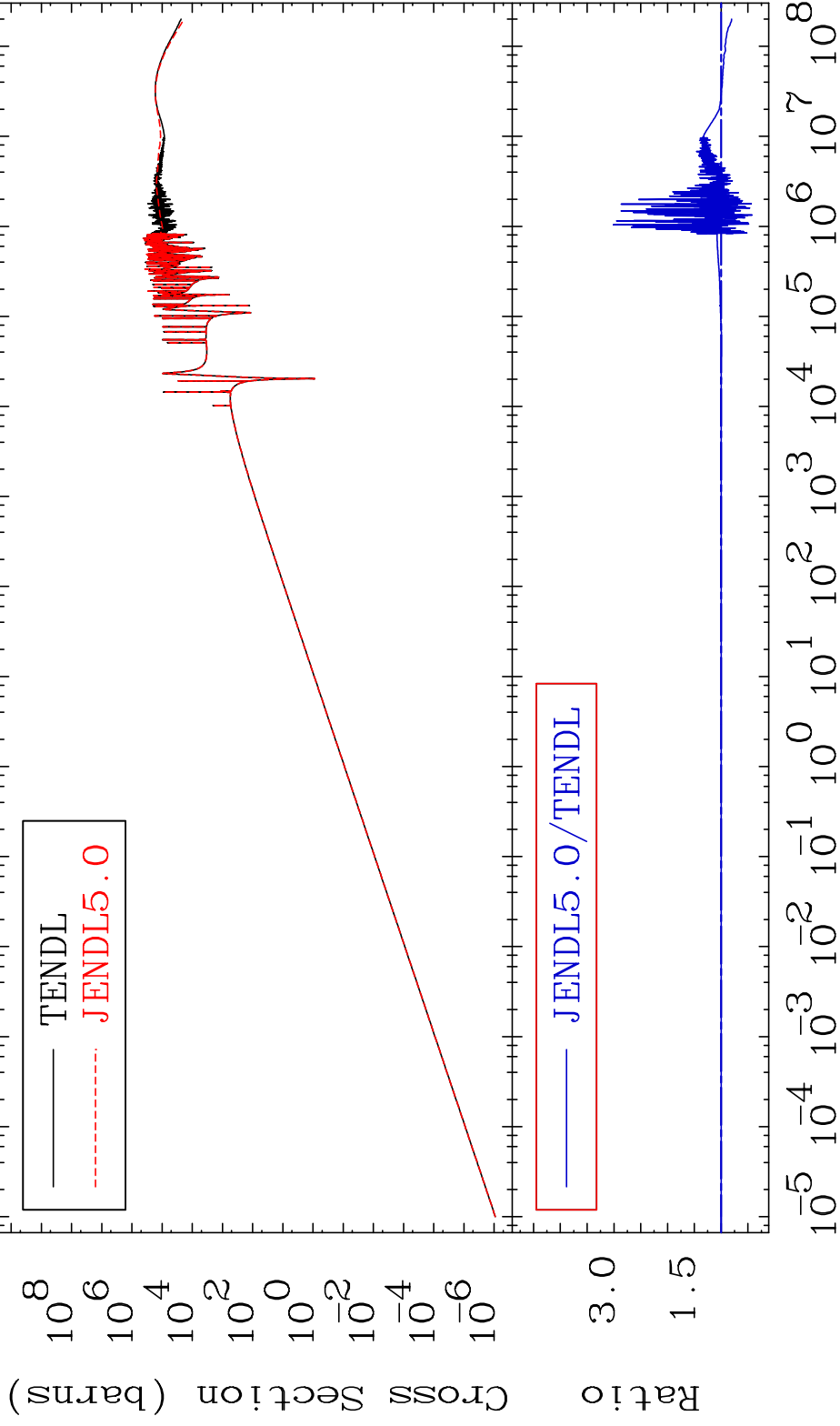
MAT 2437 Kerma total (eV-barns) 24-Cr-54
 Cross Section -50.18 To 239.6 %



MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-57.46 To 200.8 %

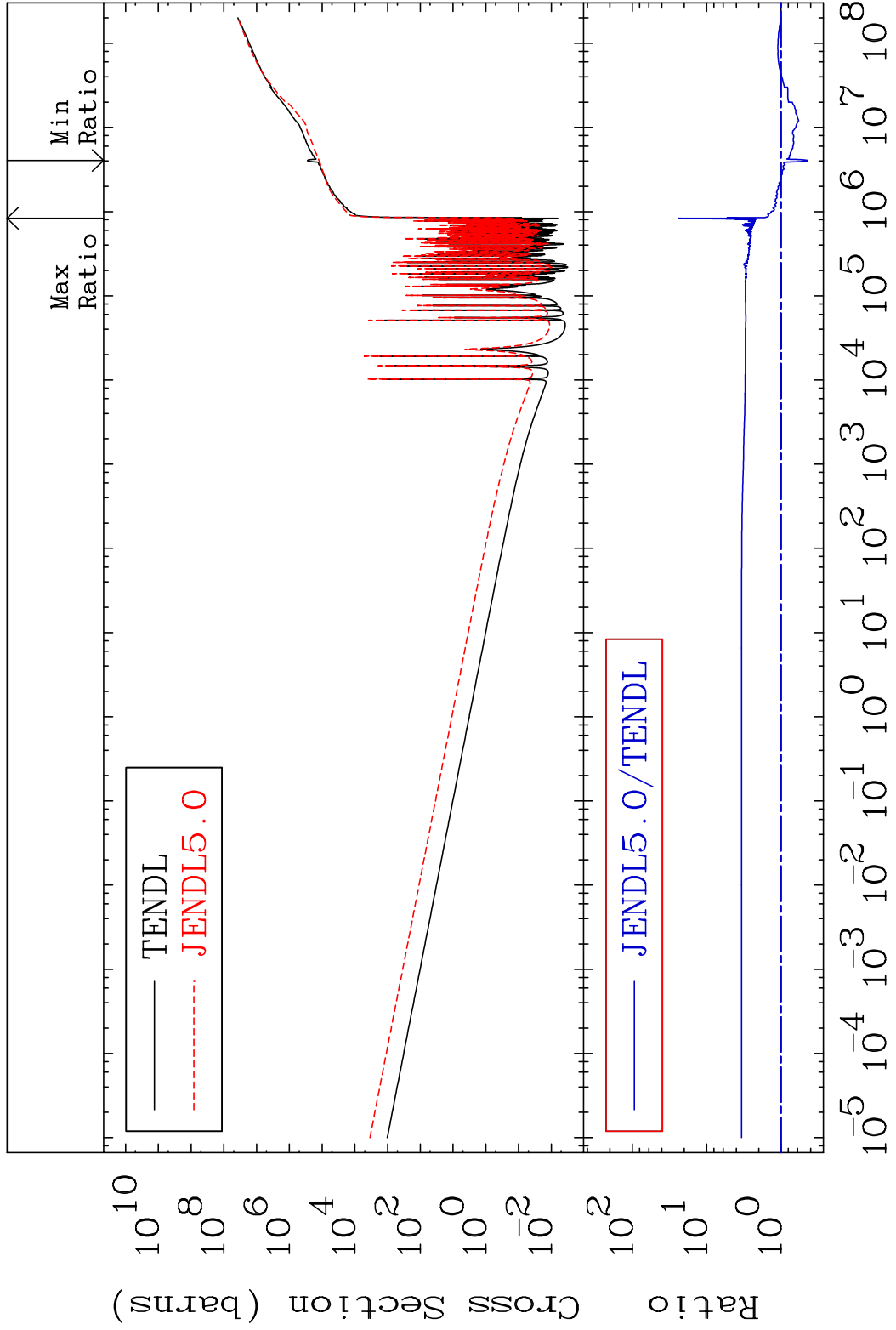


37

Incident Energy (eV)

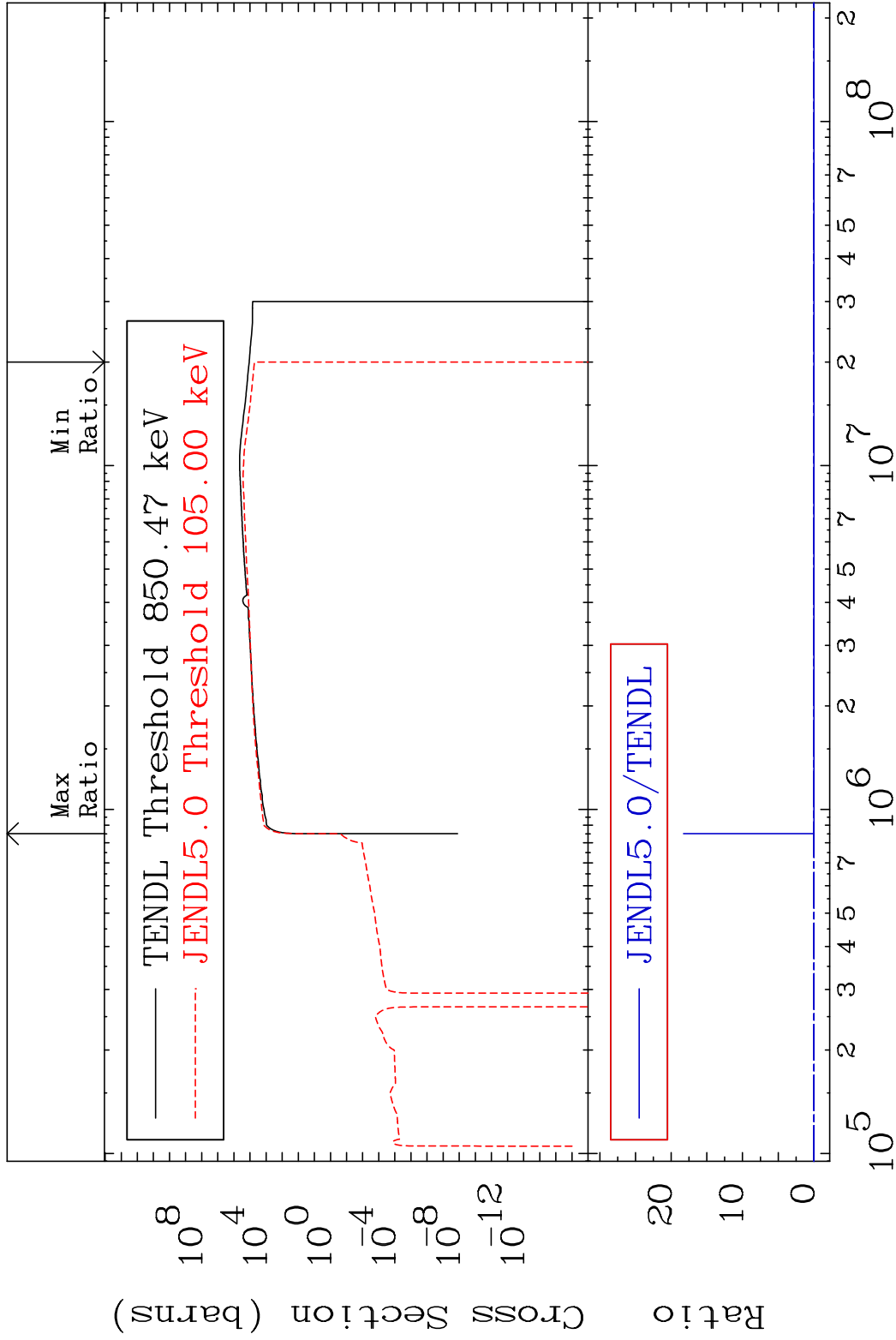
24-Cr-54

MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -56.10 To 2307. %



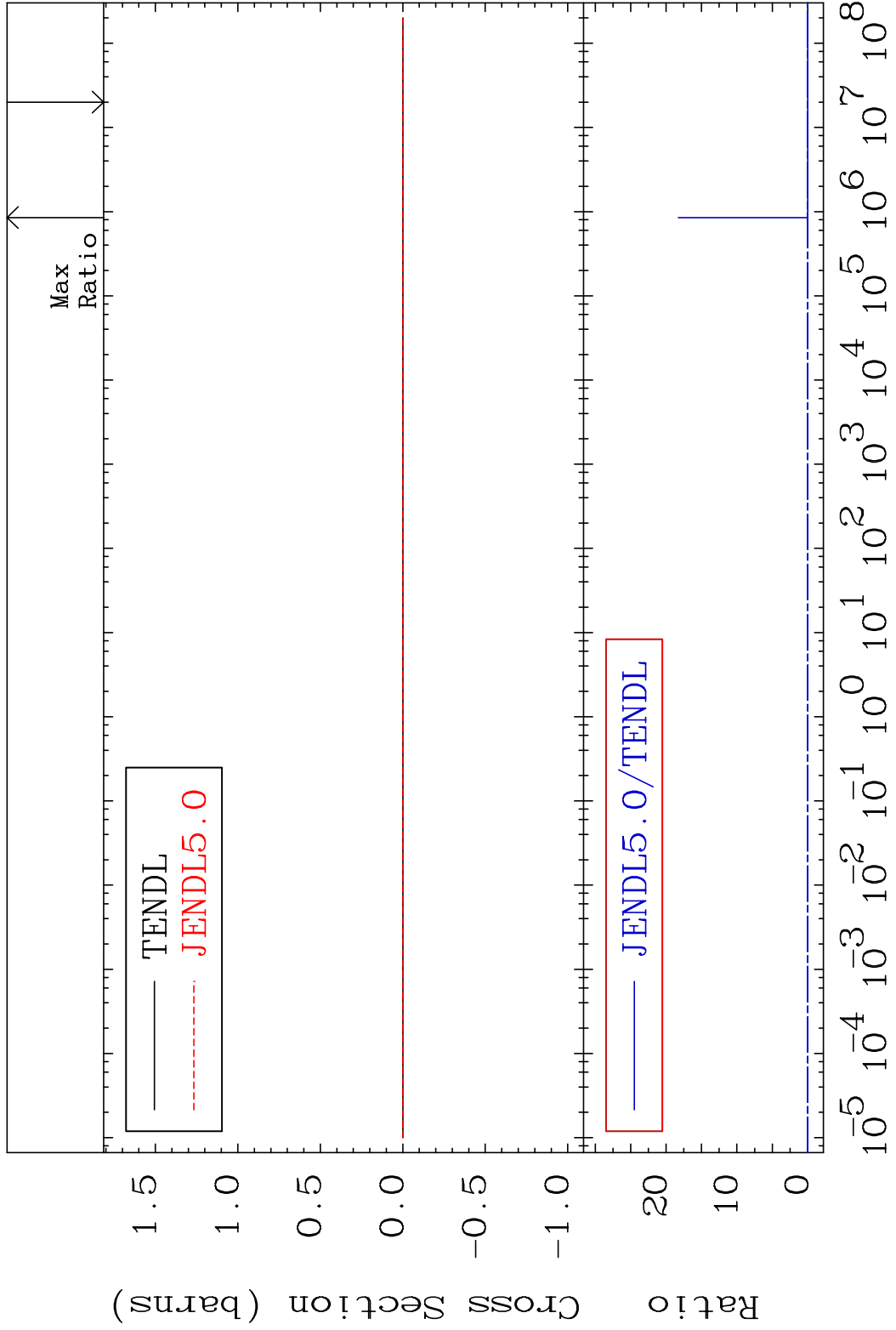
38 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma inelastic (mt51-91) 24-Cr-54
 Cross Section -100.0 To 9999. %



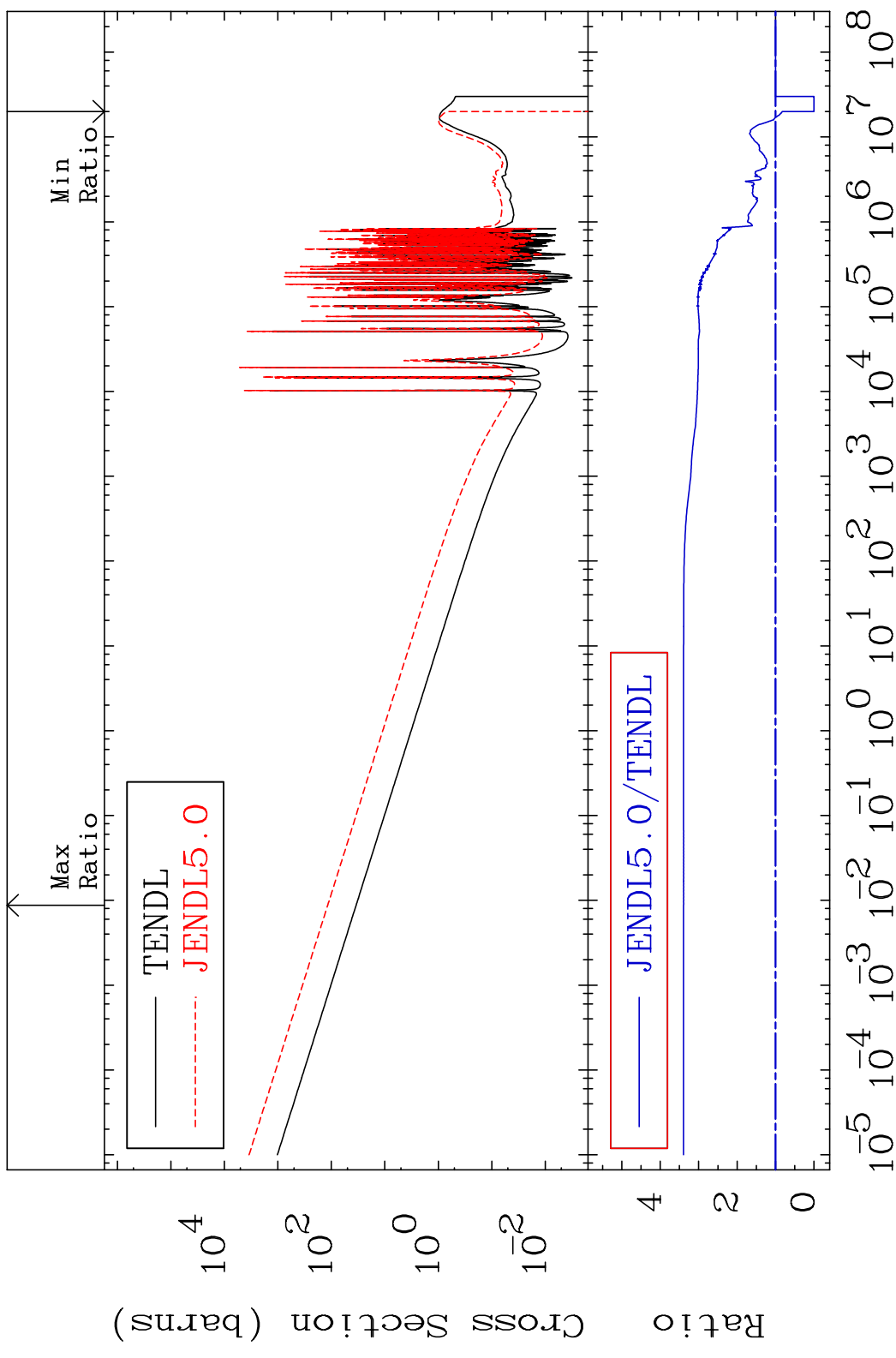
39 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
 Cross Section -100.0 To 9999. %

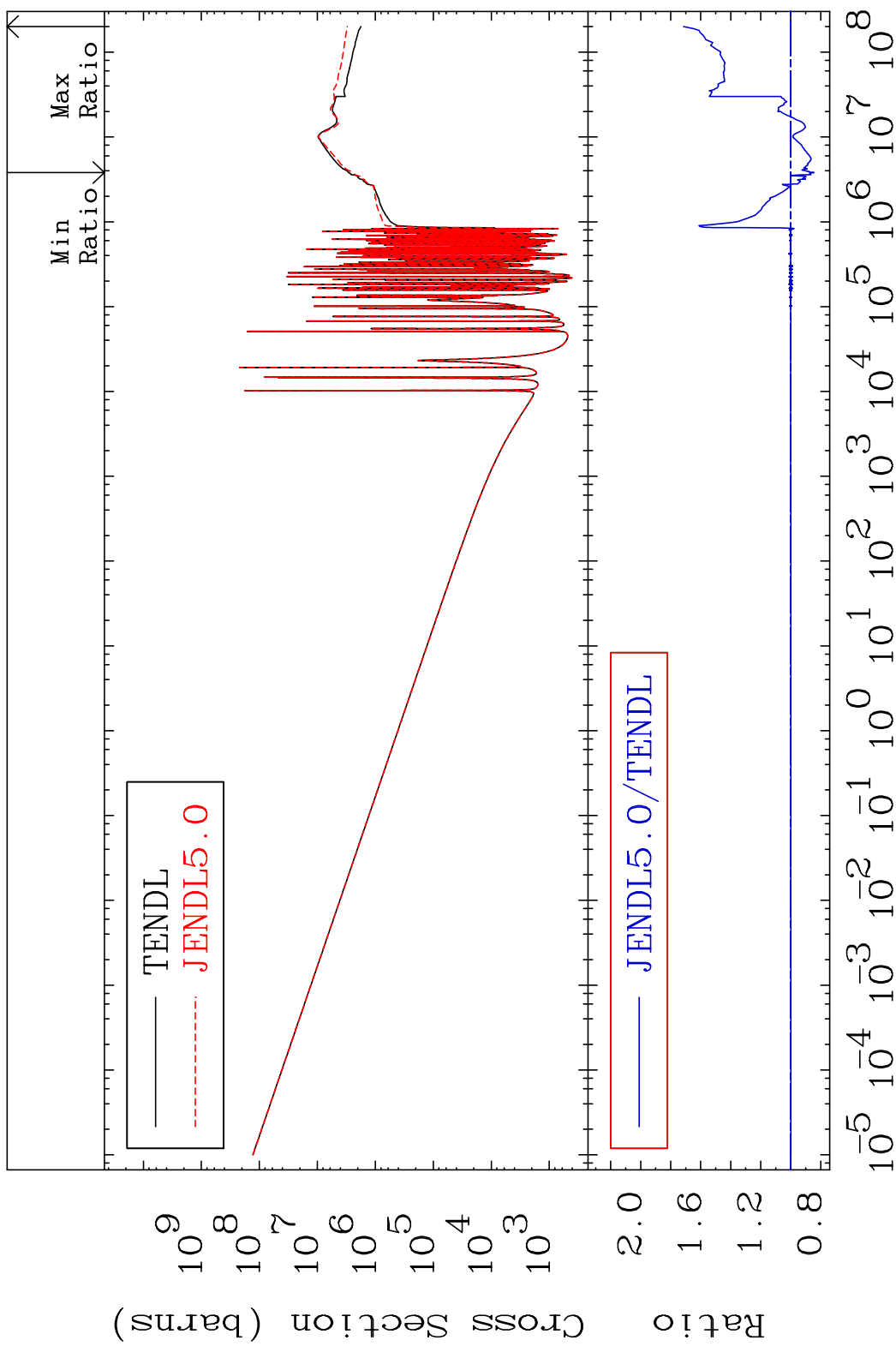


40 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma capture (mt102) 24-Cr-54
 Cross Section -100.0 To 239.6 %

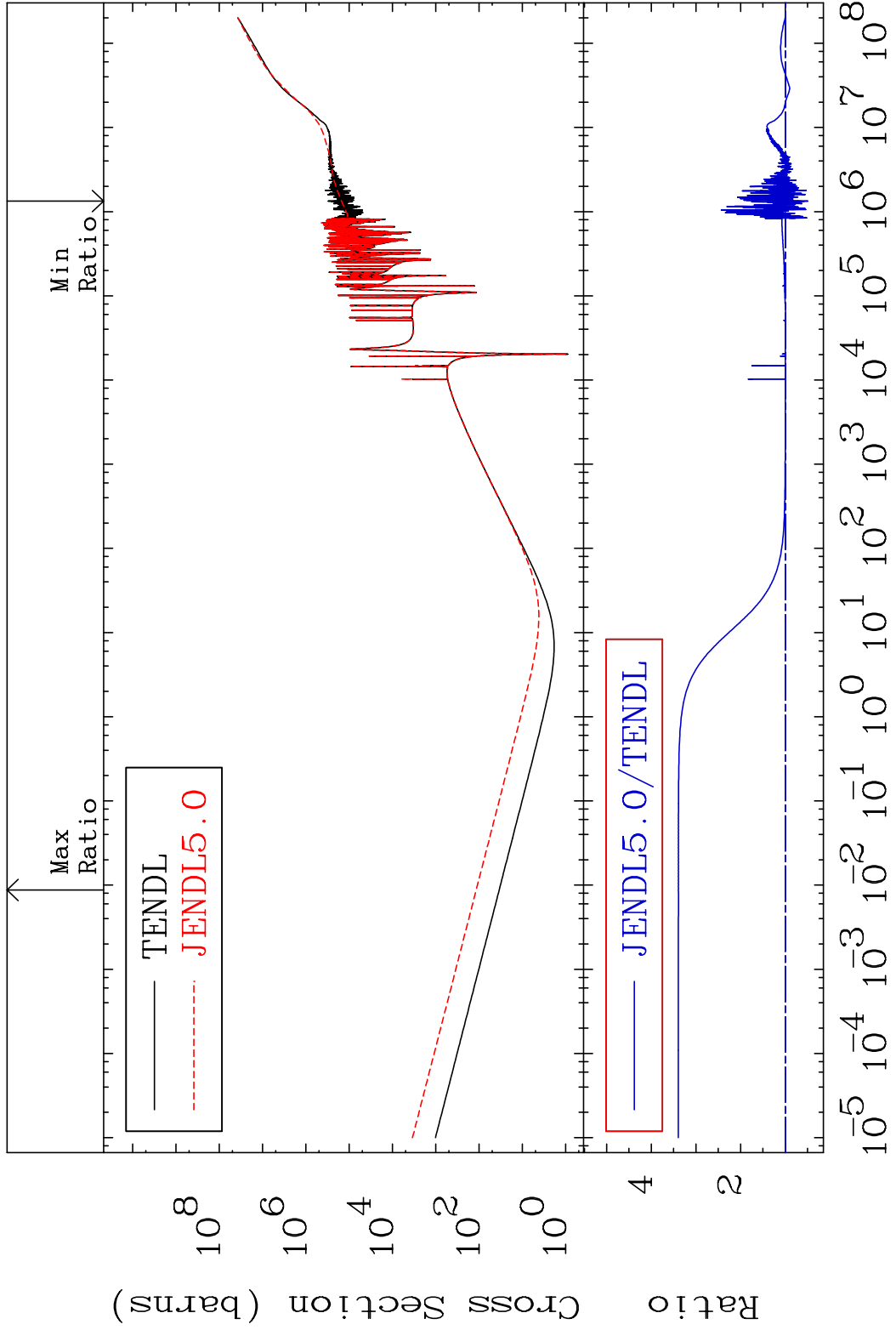


MAT 2437 Total photon (eV-barns) 24-Cr-54
 Cross Section -15.45 To 71.49 %

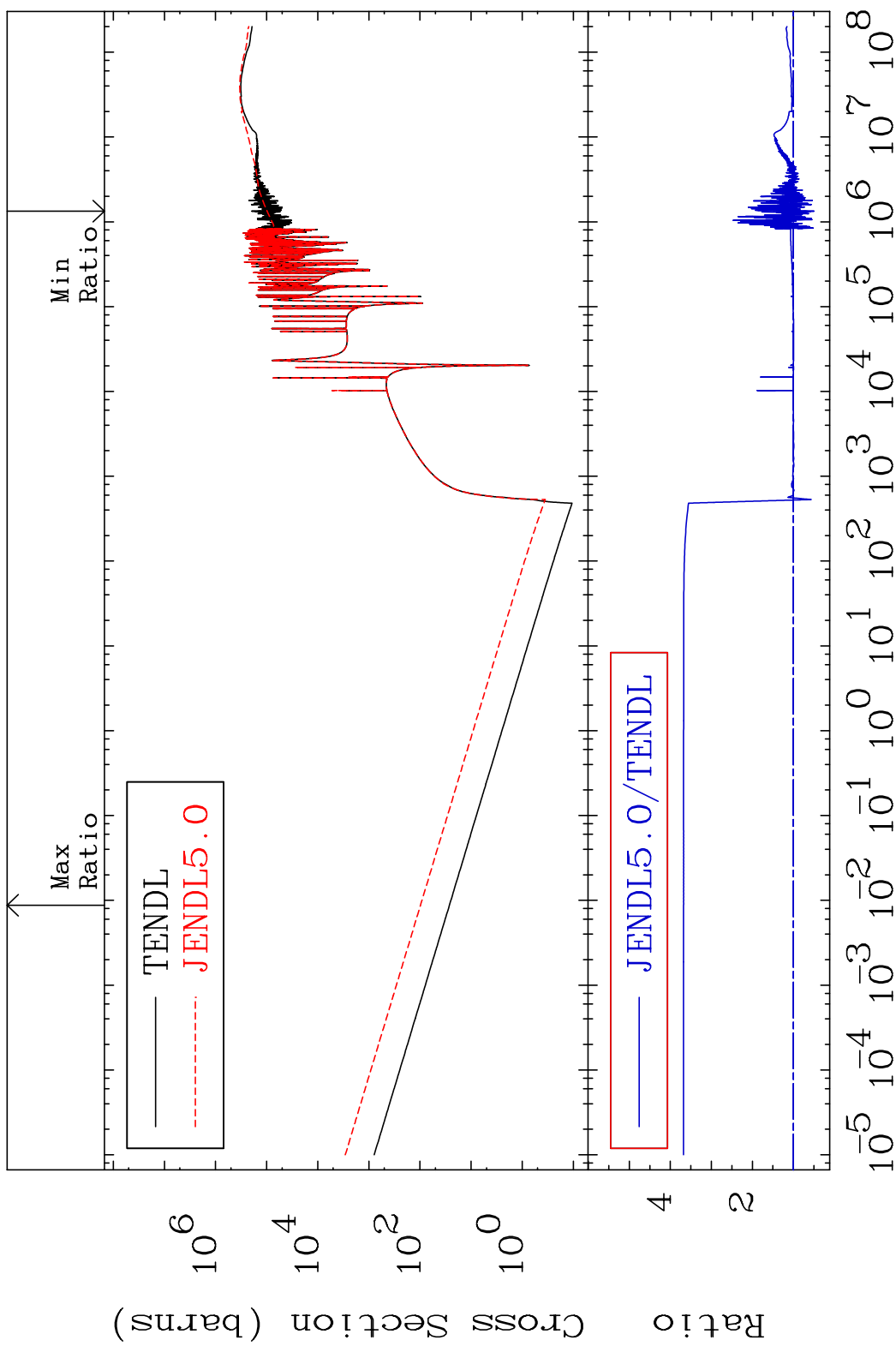


42 Incident Energy (eV) 24-Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -50.24 To 239.6 %



MAT 2437 Dpa total (eV-barns) 24-Cr-54
 Cross Section -49.89 To 268.0 %

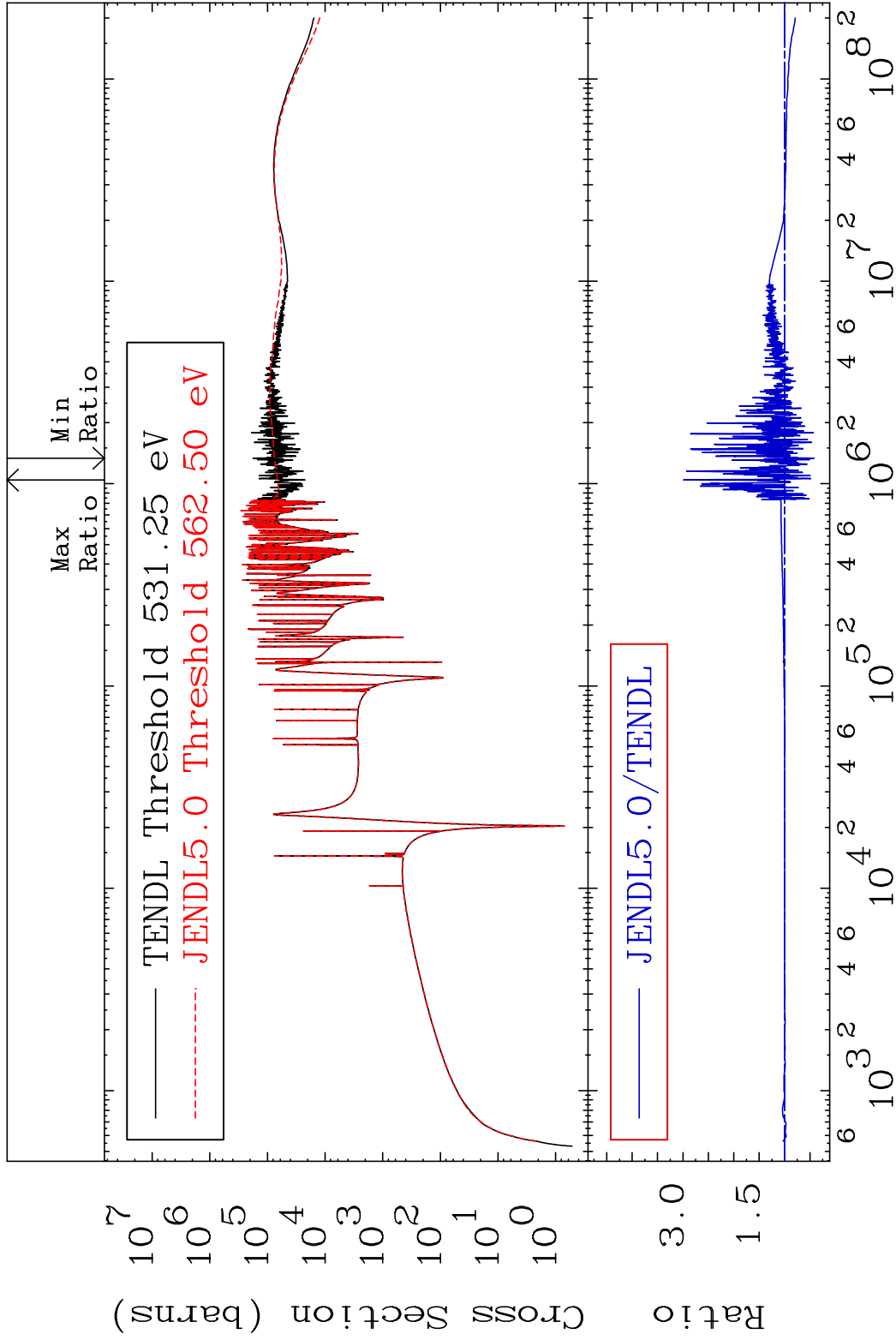


MAT 2437

Dpa elastic (mt2)

24-Cr-54

Cross Section -57.72 To 199.0 %

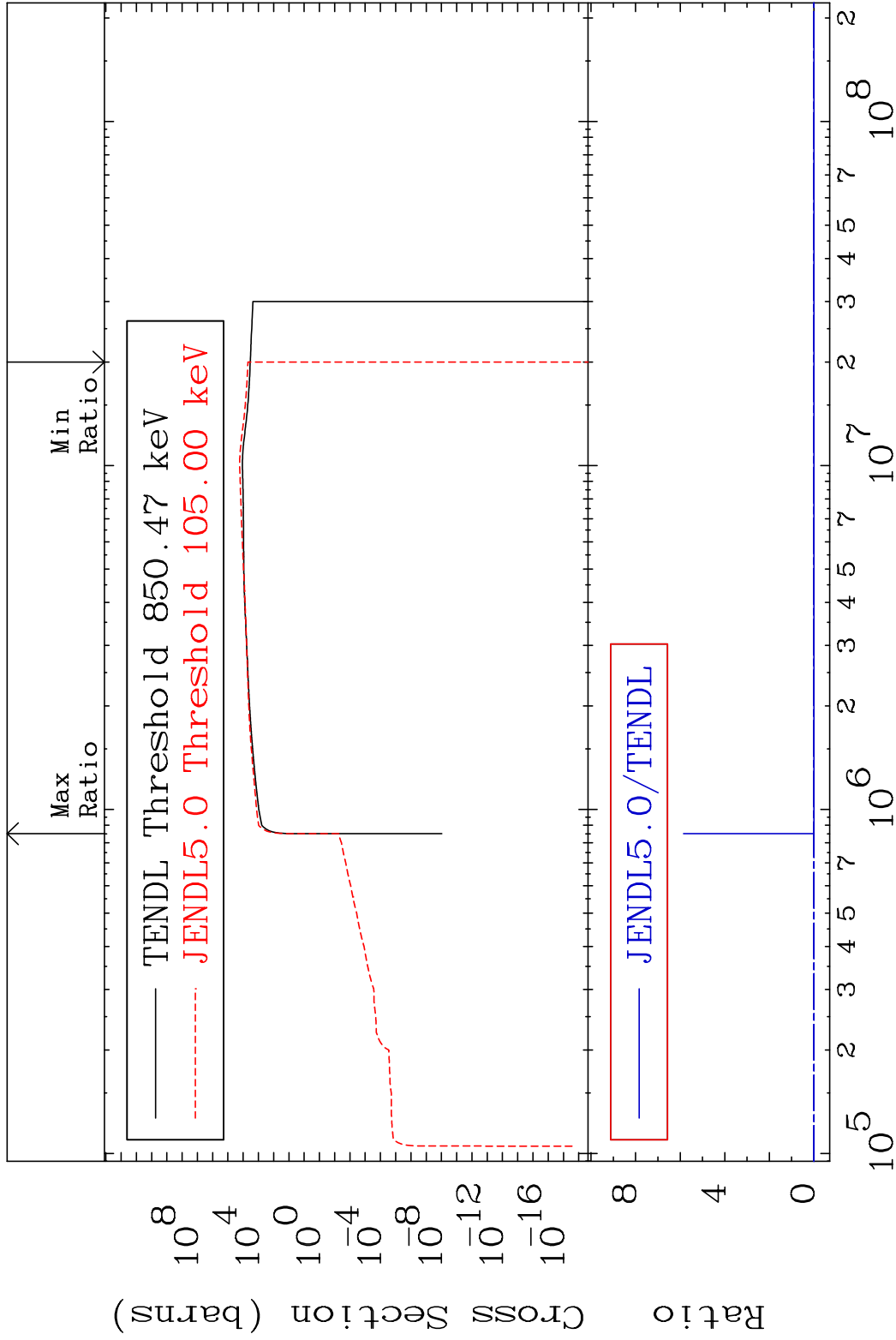


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Incident Energy (eV)

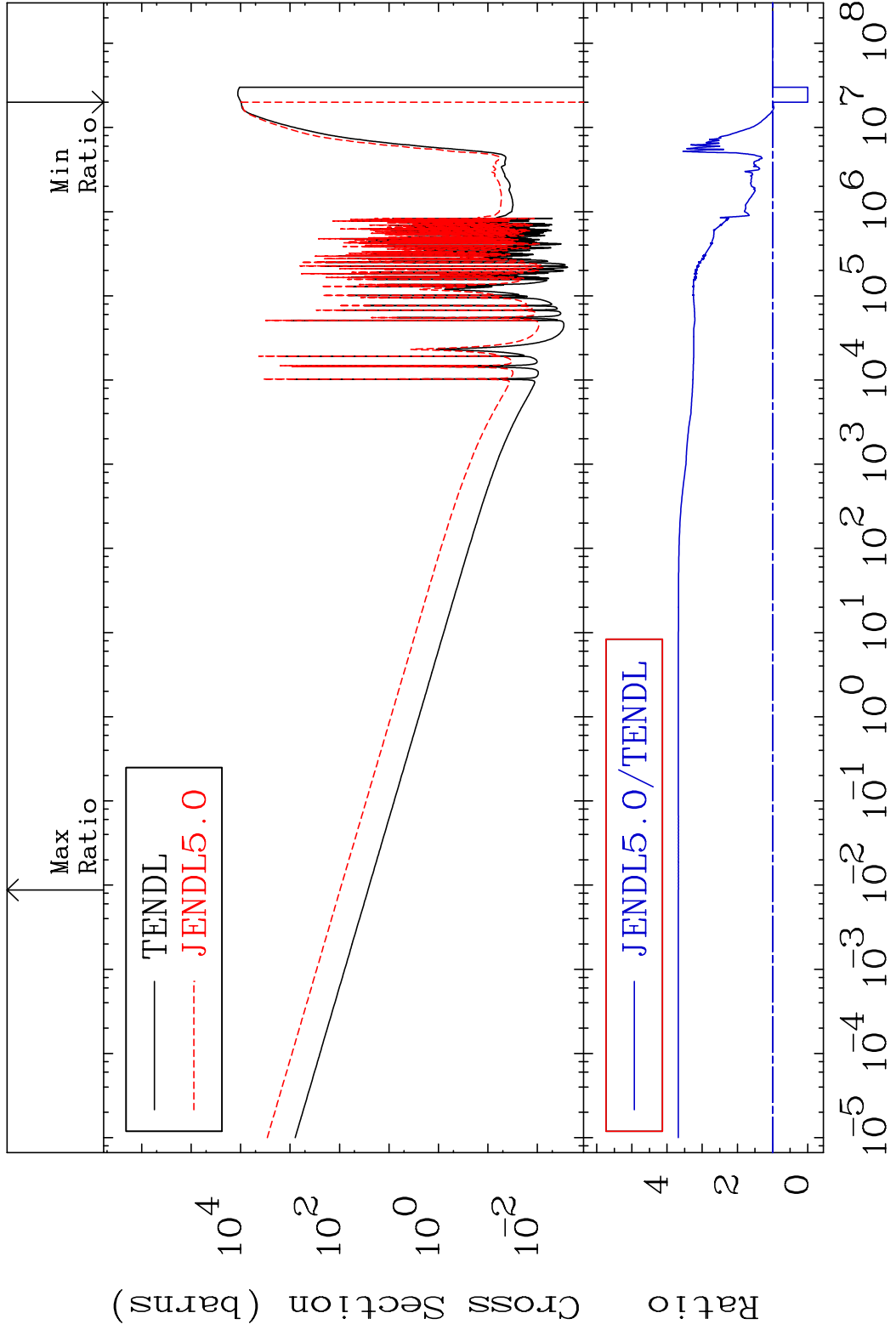
24-Cr-54

MAT 2437 Dpa inelastic (mt51-91) 24-Cr-54
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 24-Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
 Cross Section -100.0 To 268.0 %



47 Incident Energy (eV) 24-Cr-54