

Program Complot
(Version 2021-1)

by

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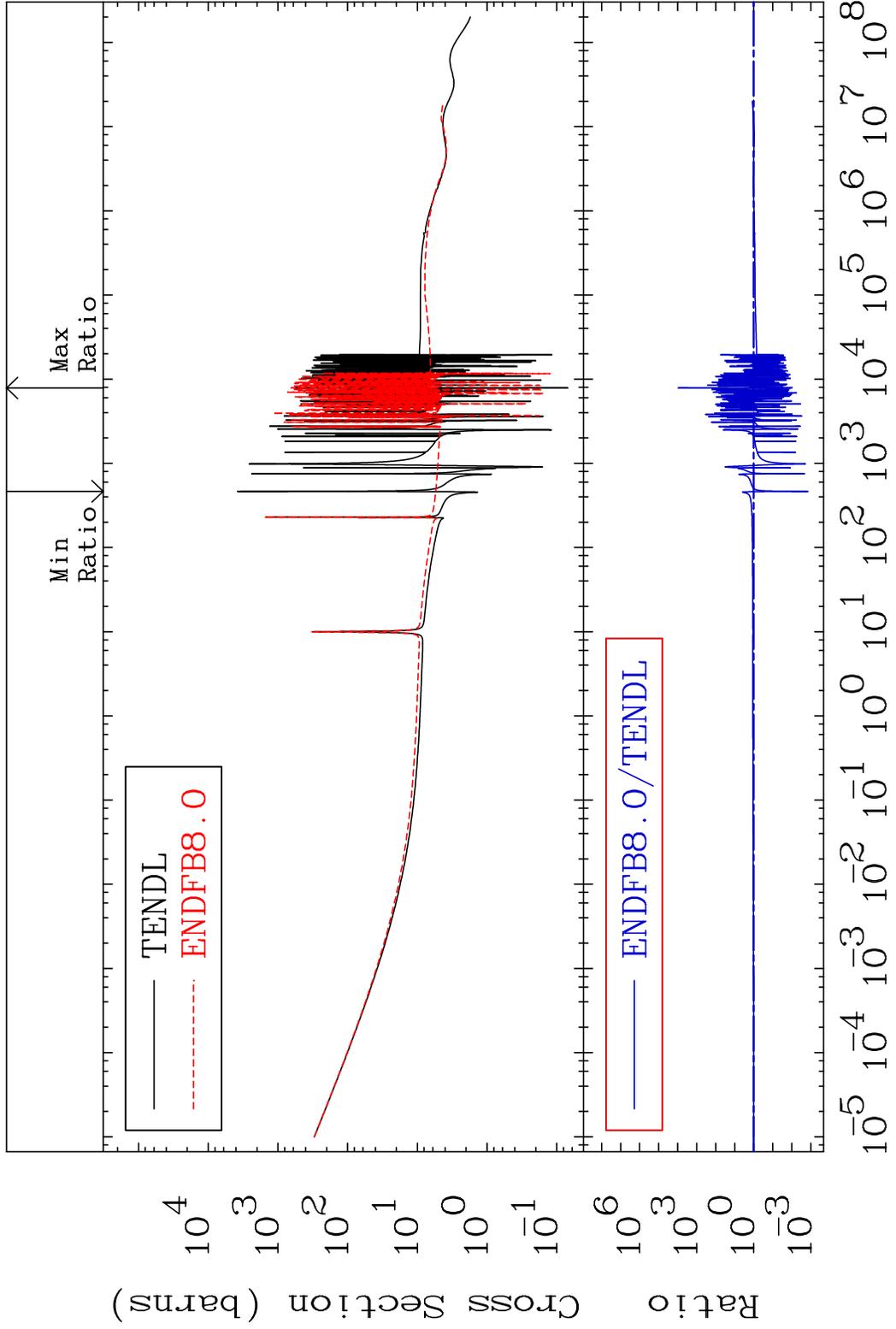
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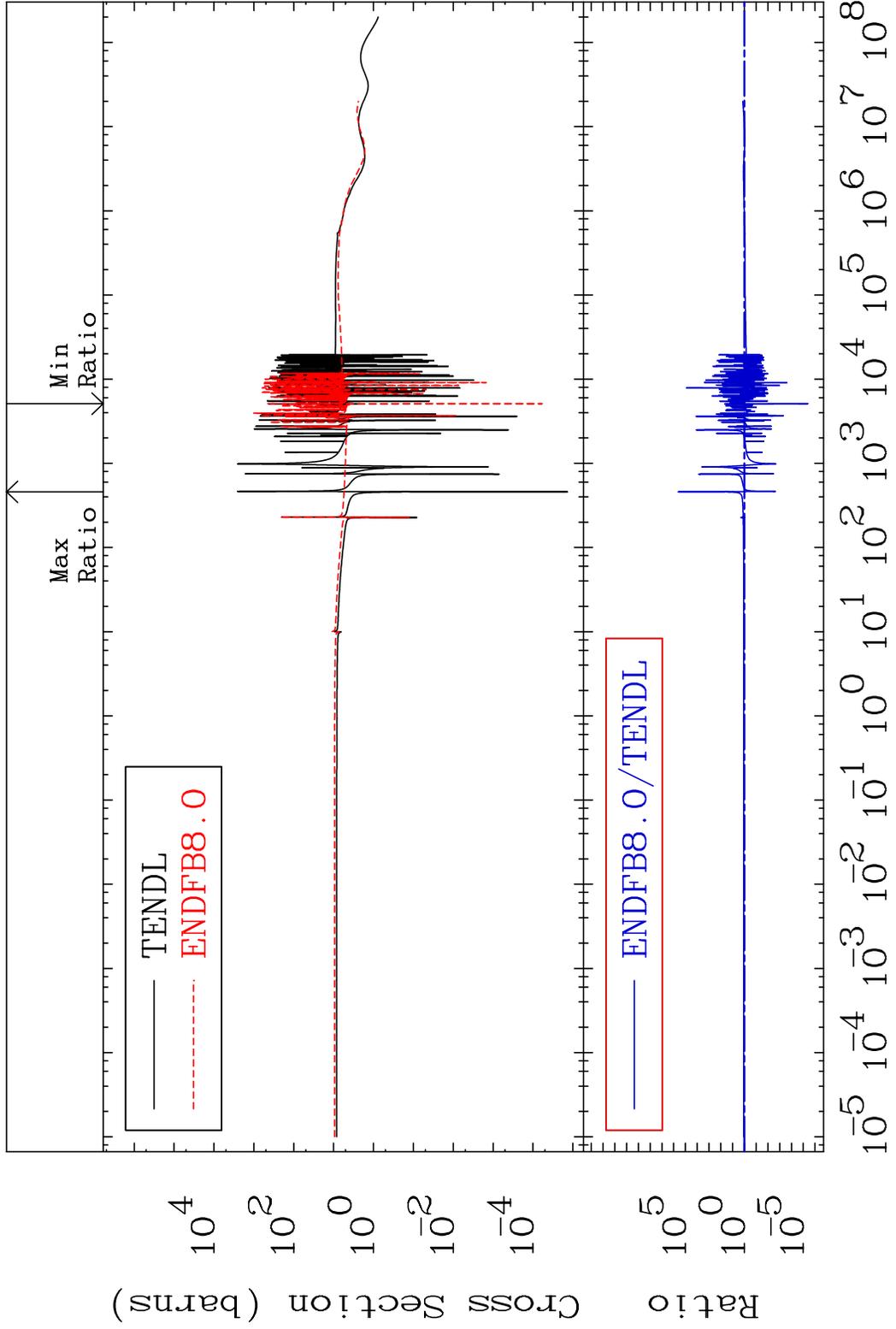
Press Mouse Button to Start

MAT 4437 Total 44-Ru-100
 Cross Section -99.86 To 9999. %

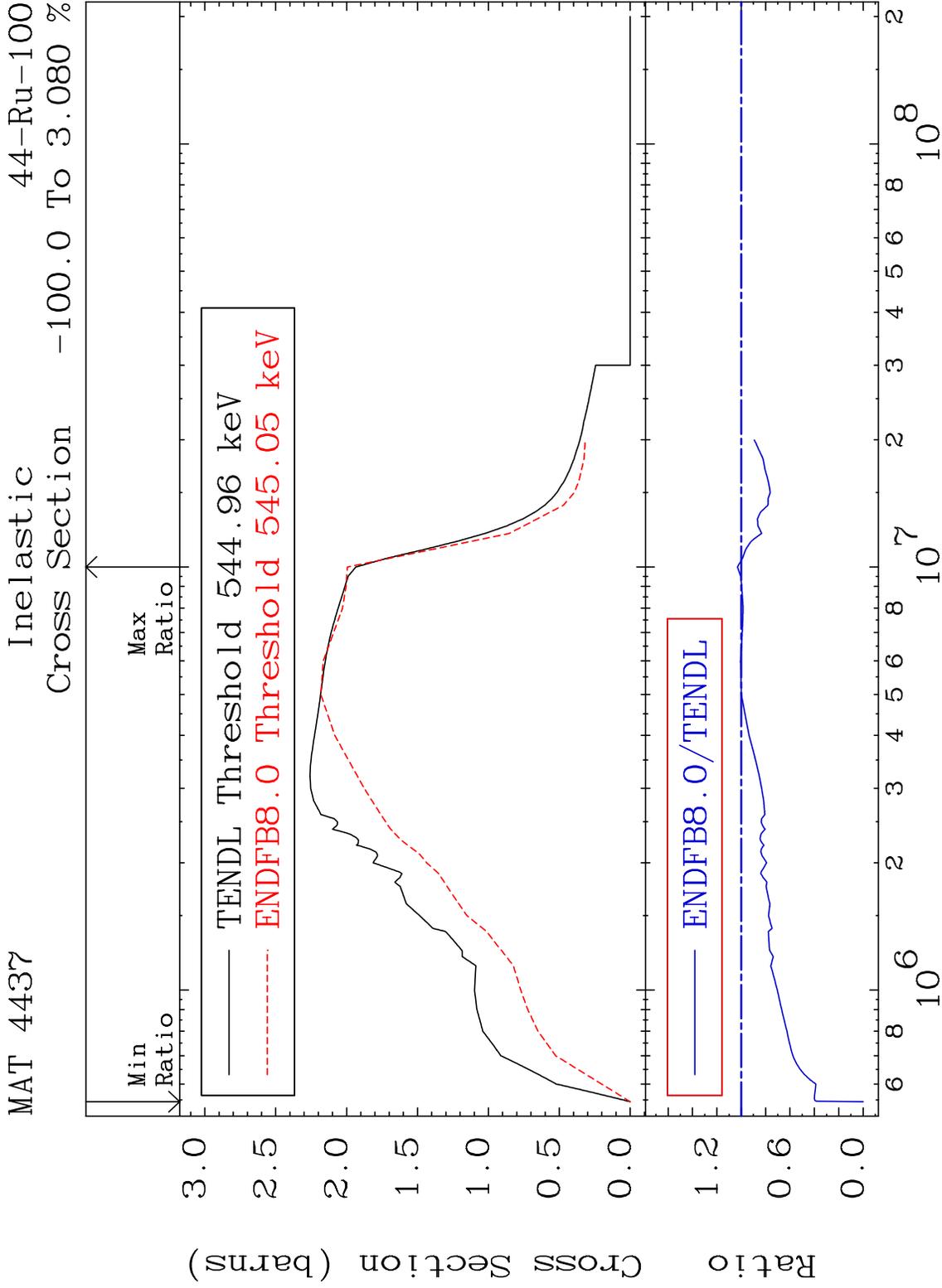


1 Incident Energy (eV) 44-Ru-100

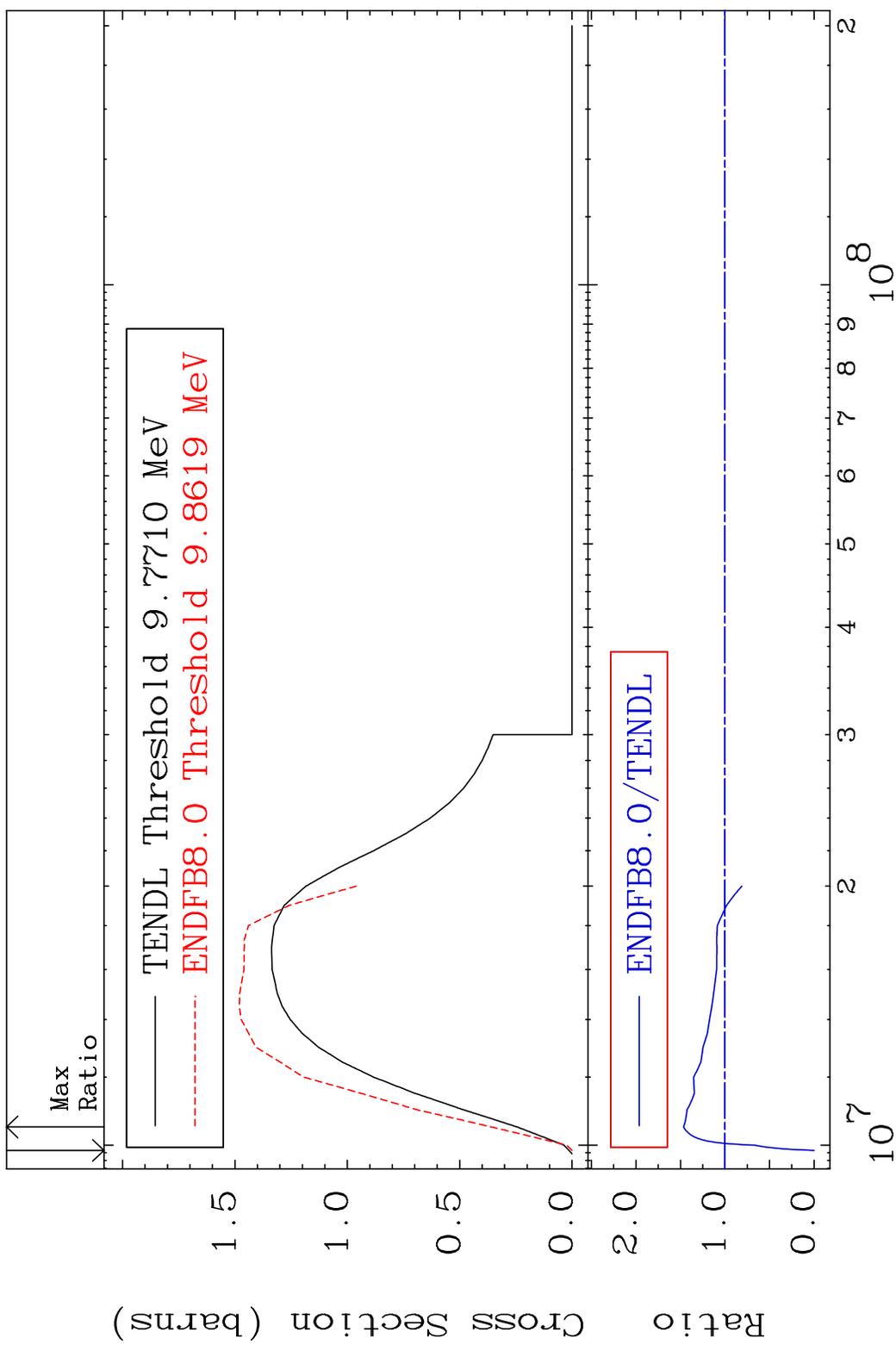
MAT 4437 Elastic 44-Ru-100
 Cross Section -100.0 To 9999. %



2 Incident Energy (eV) 44-Ru-100

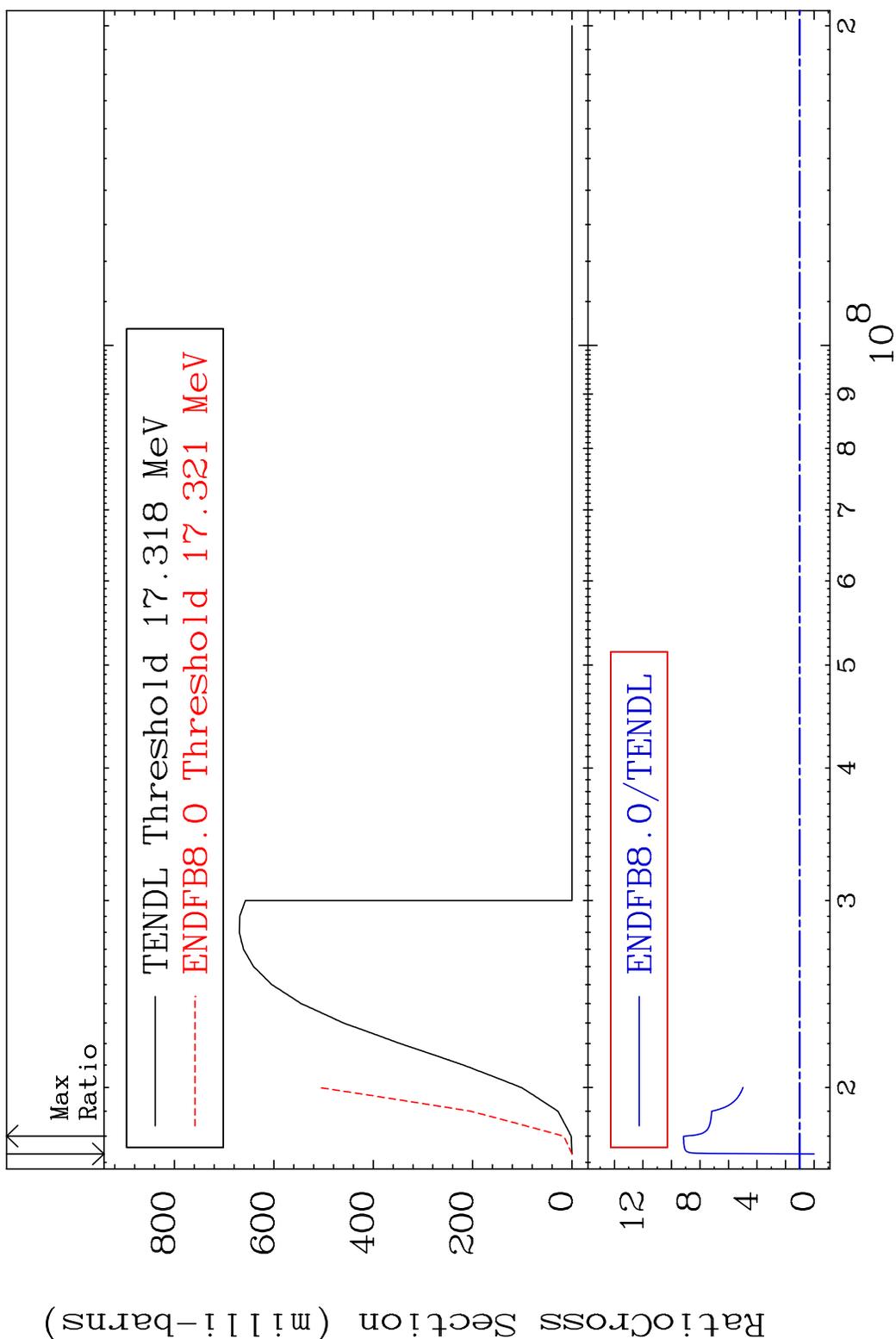


MAT 4437 (n,2n) 44-Ru-100
 Cross Section -100.0 To 46.58 %



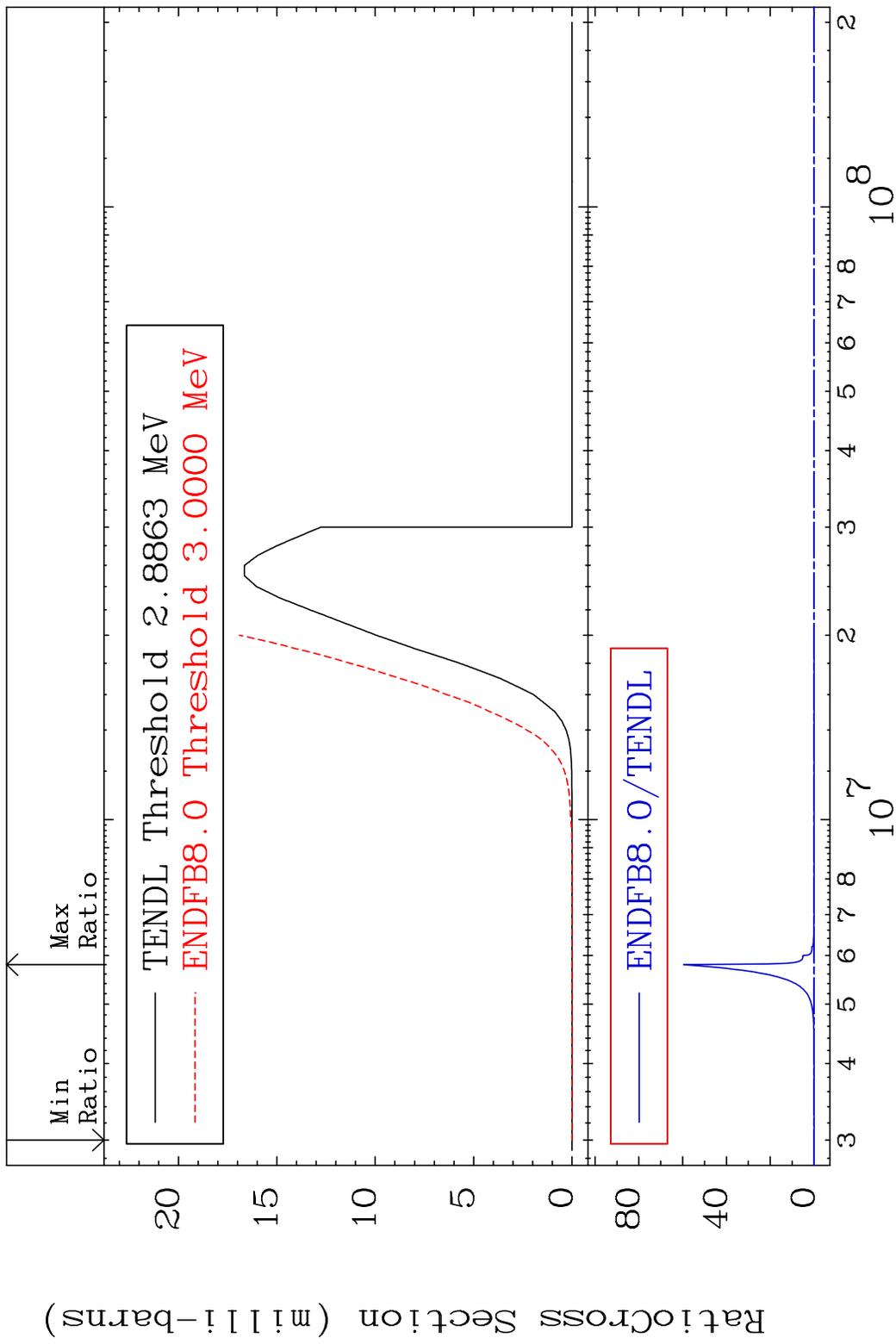
4 44-Ru-100

MAT 4437 (n,3n) 44-Ru-100
 Cross Section -100.0 To 815.4 %

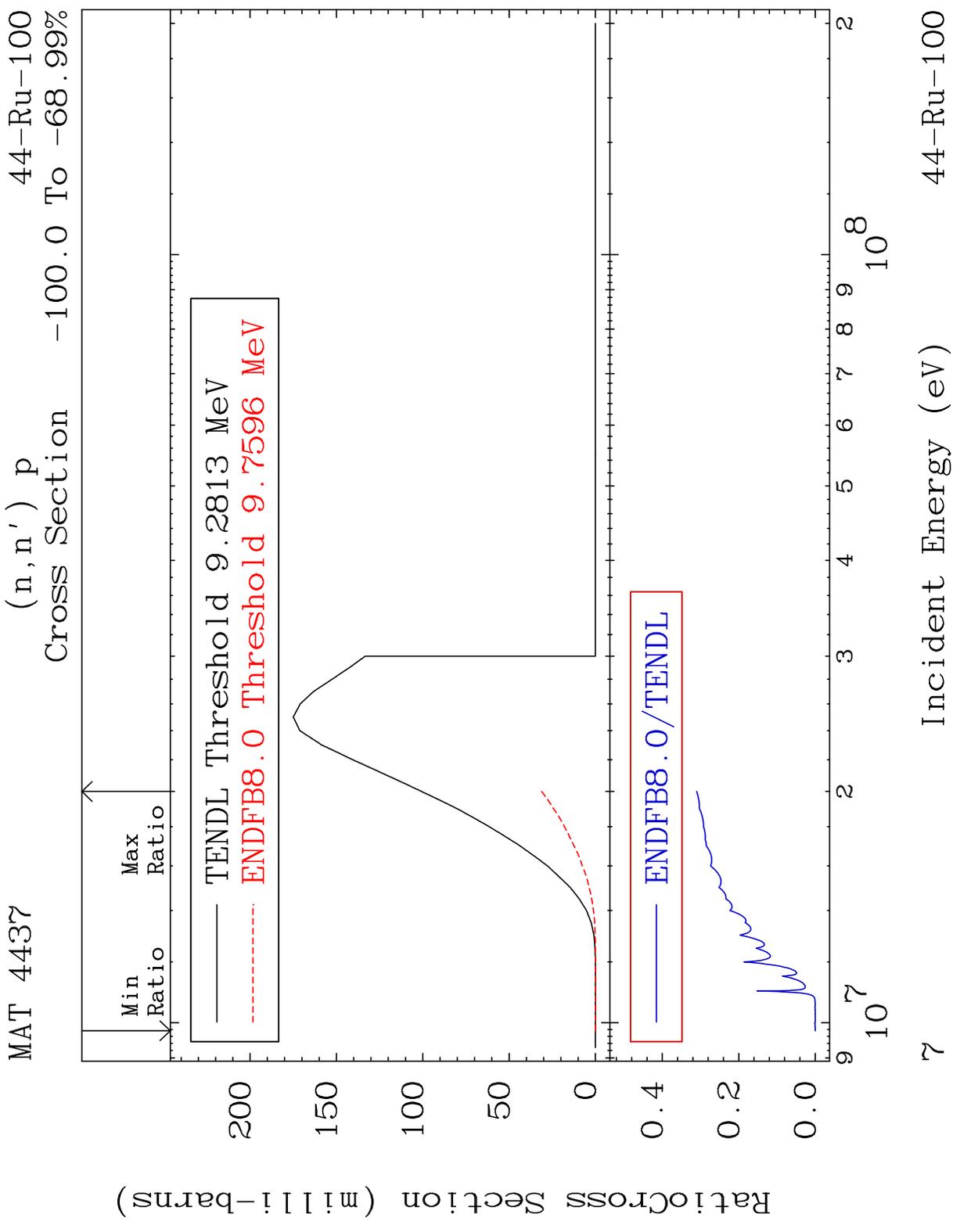


5 Incident Energy (eV) 44-Ru-100

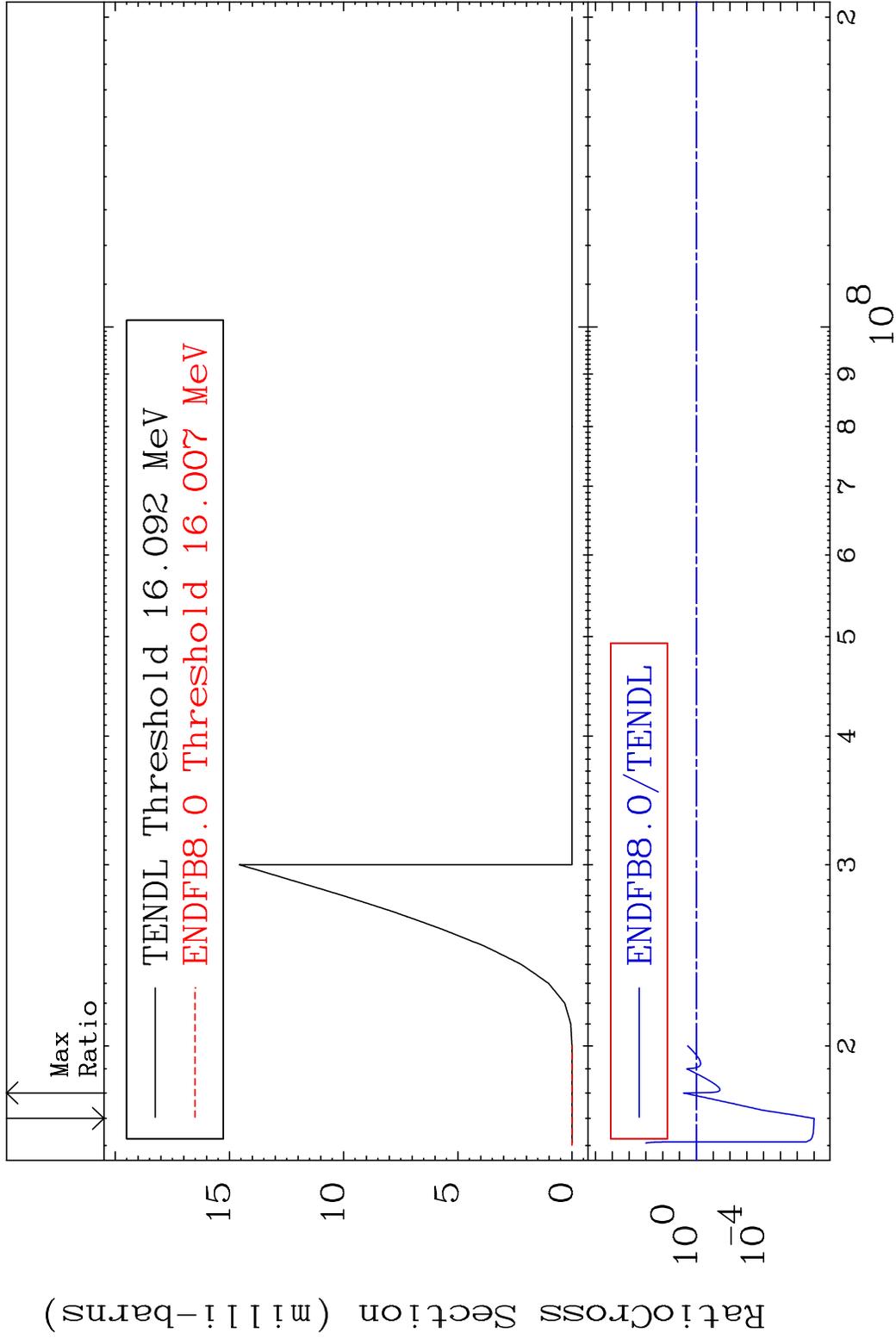
MAT 4437 (n, n') α 44-Ru-100
 Cross Section -100.0 To 9999. %



6 Incident Energy (eV) 44-Ru-100

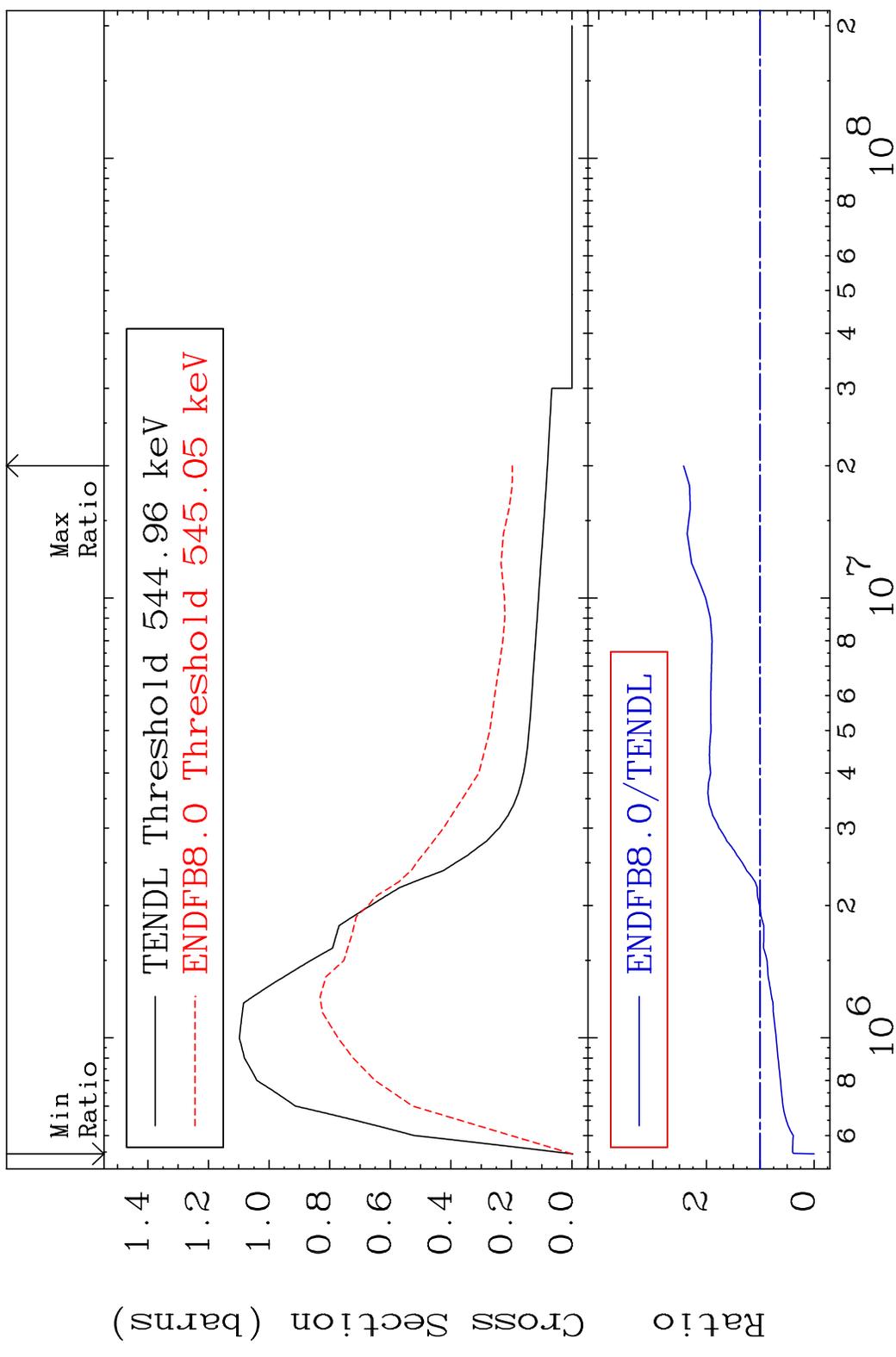


MAT 4437 (n, n') d 44-Ru-100
 Cross Section -100.0 To 479.6 %

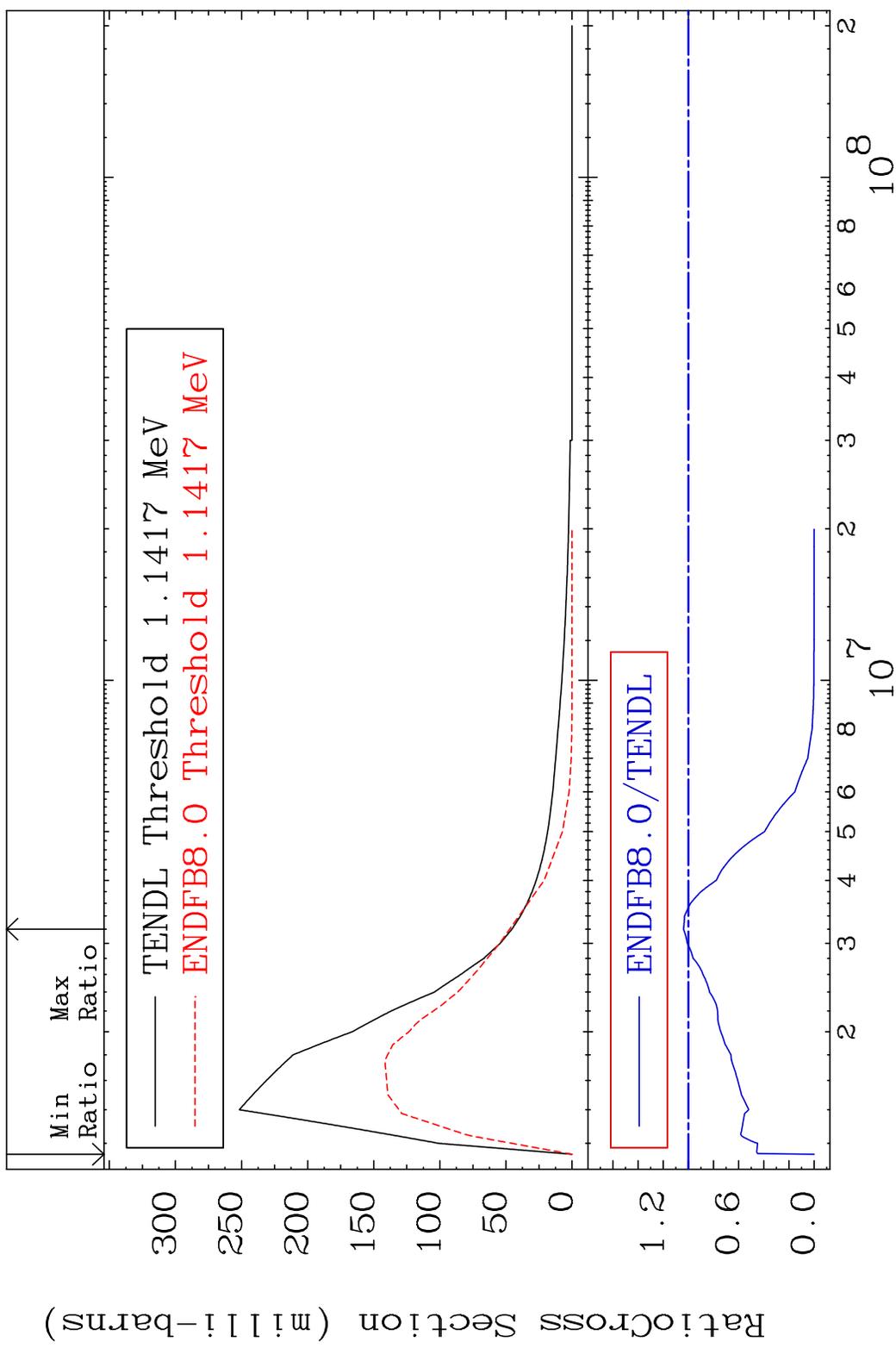


8 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 51 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 142.6 %

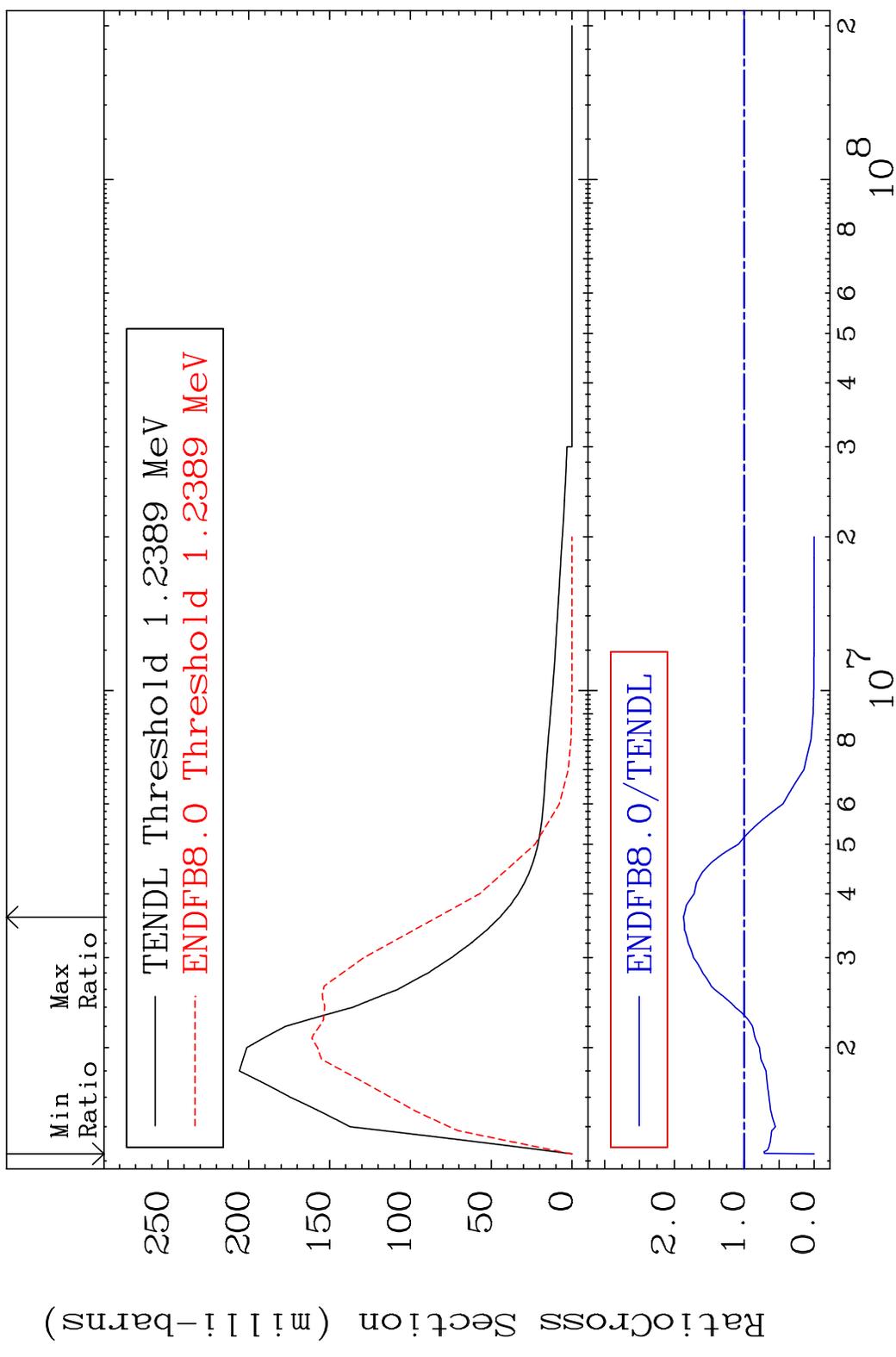


MAT 4437 MT= 52 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 3.820 %



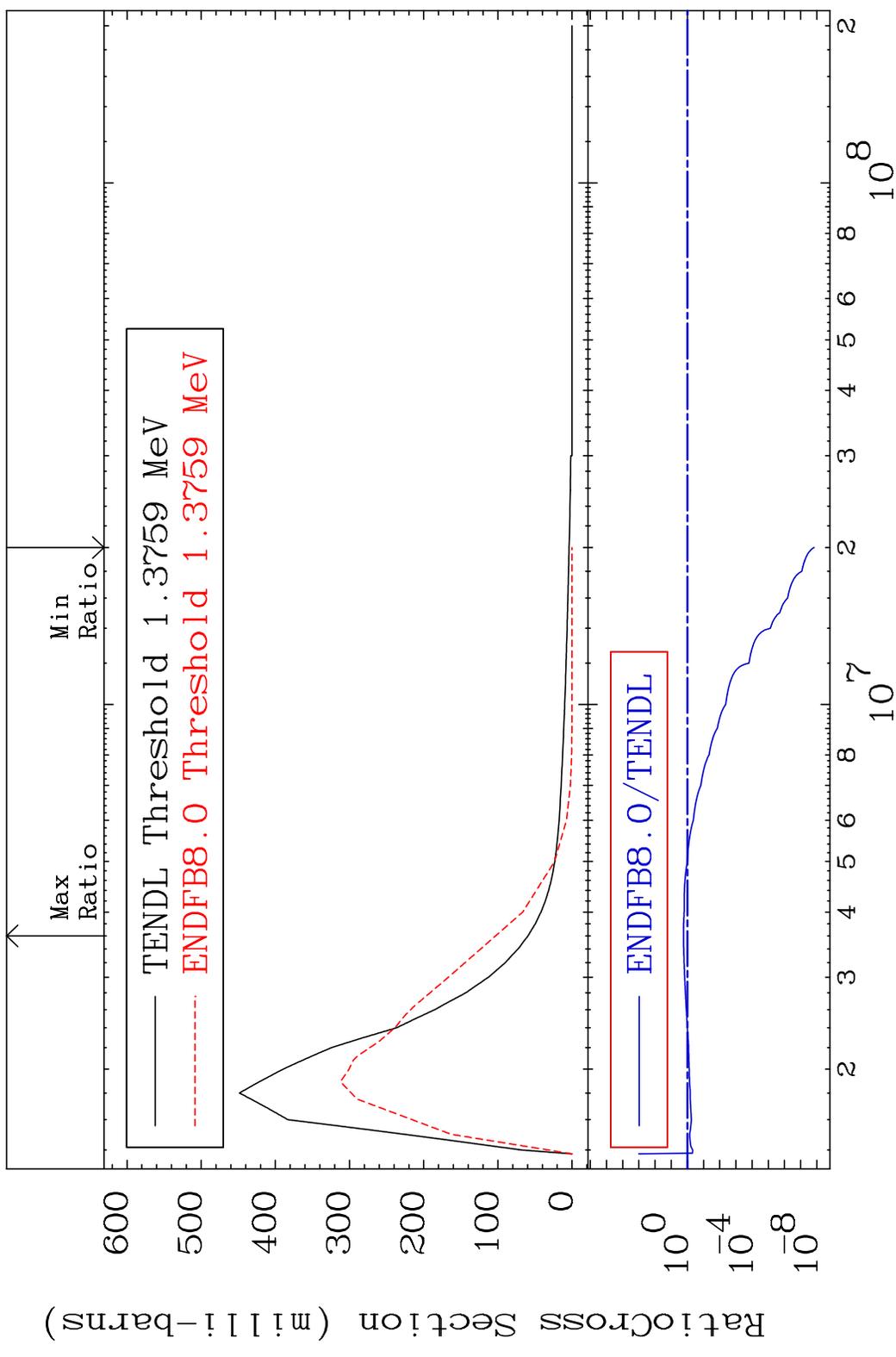
10 44-Ru-100

MAT 4437 MT= 53 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 86.99 %



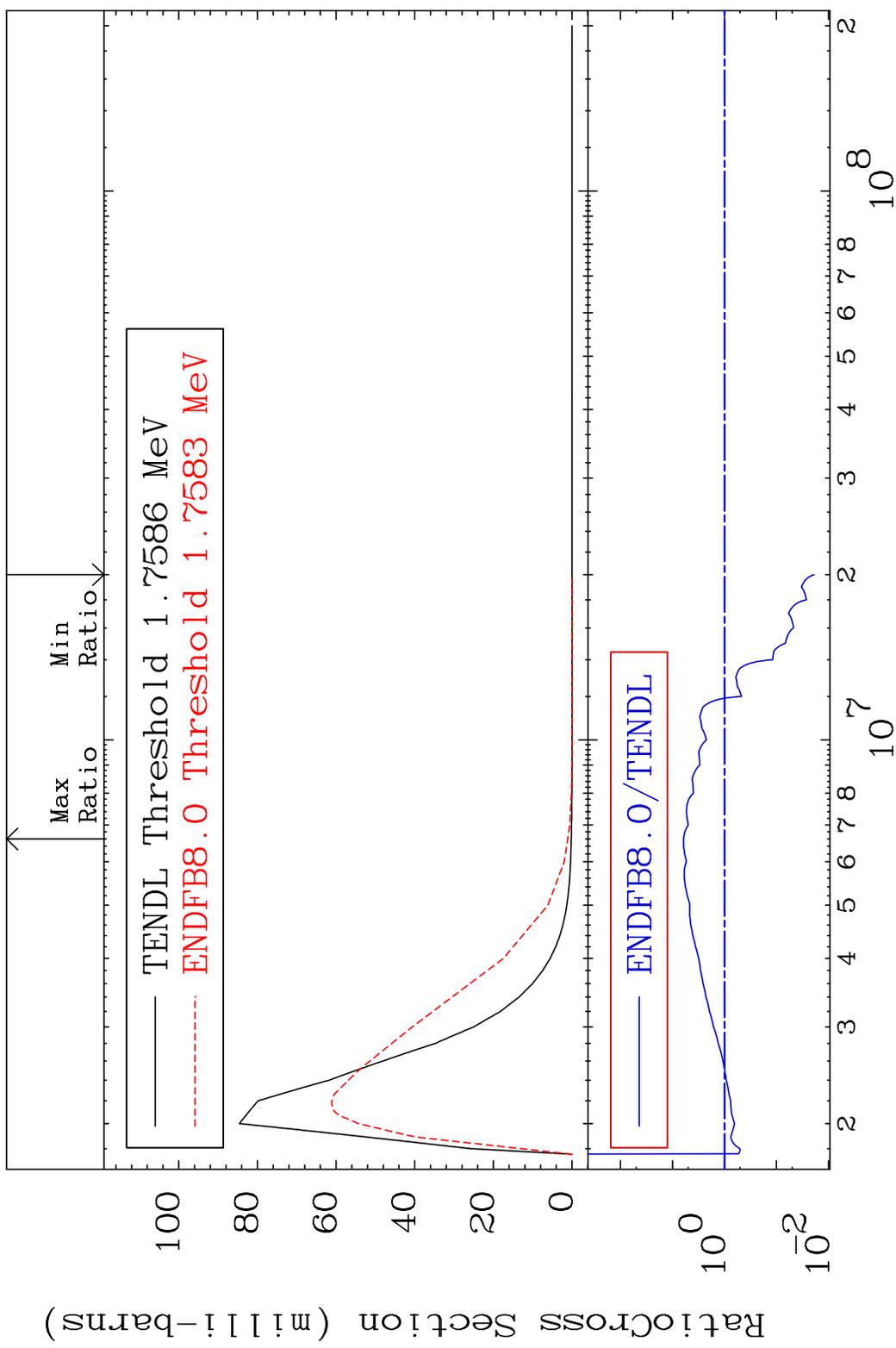
11 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 54 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 73.48 %



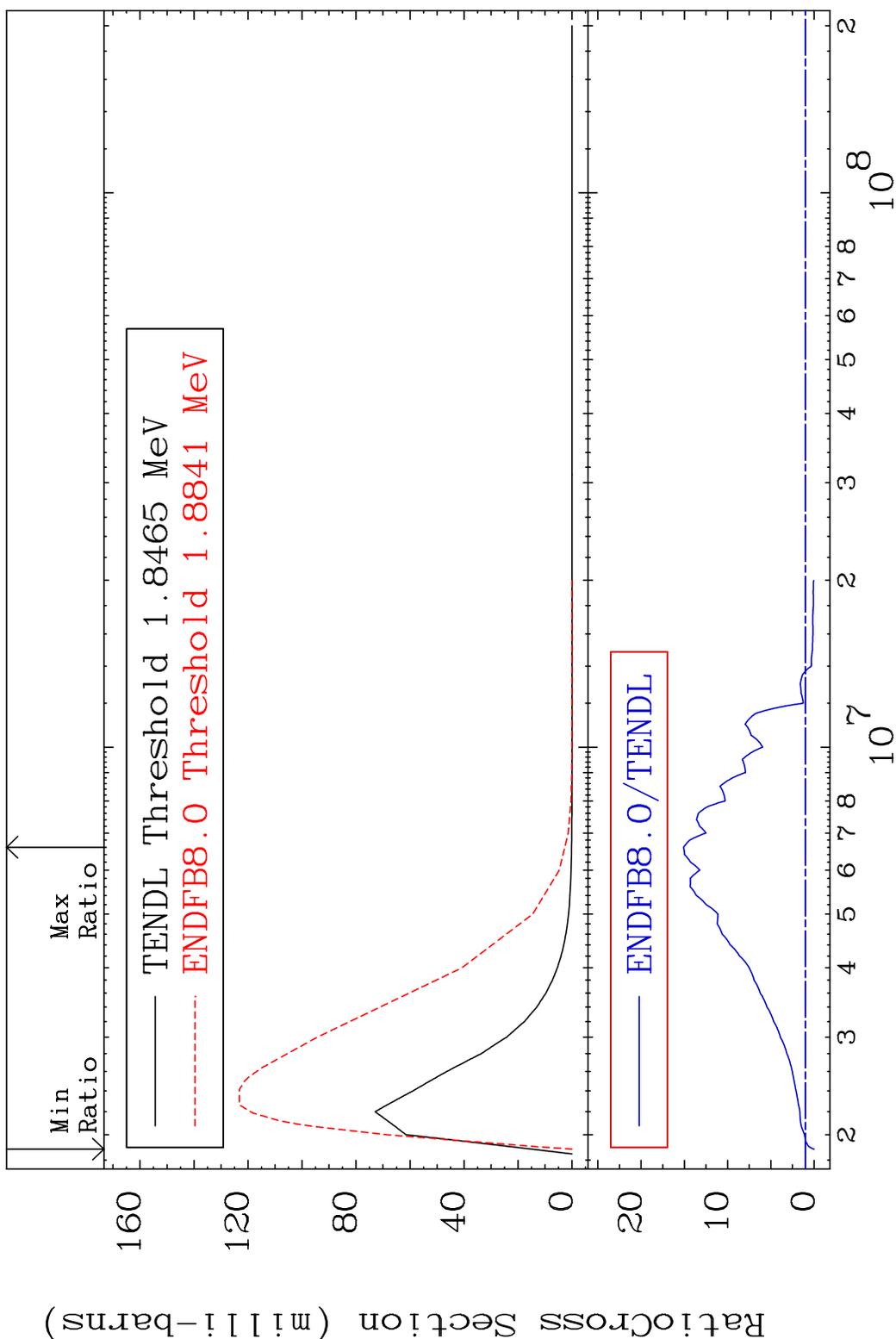
12 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 55 (n, n') Level 44-Ru-100
 Cross Section -98.11 To 513.9 %



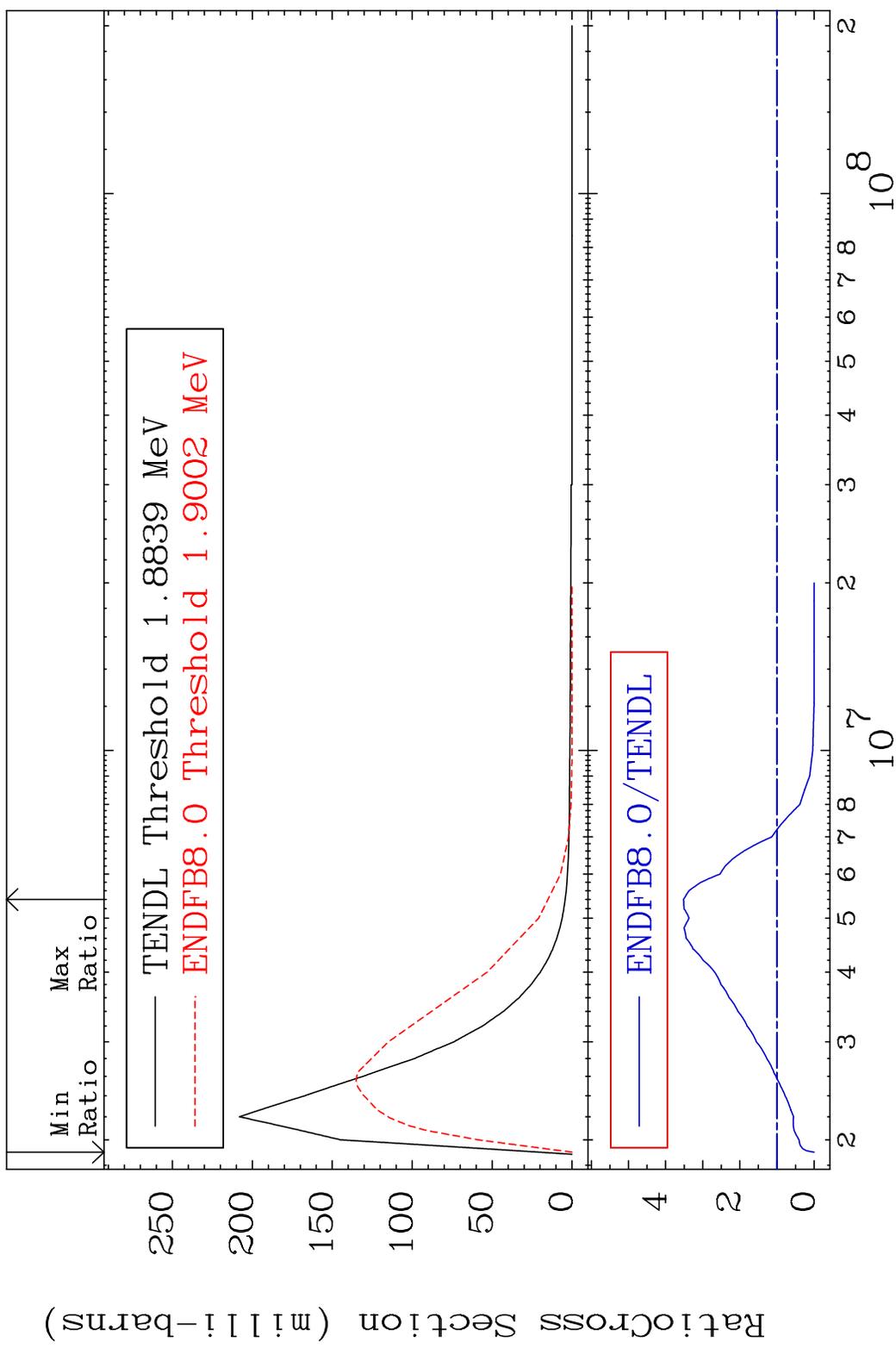
13 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 56 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 1410. %



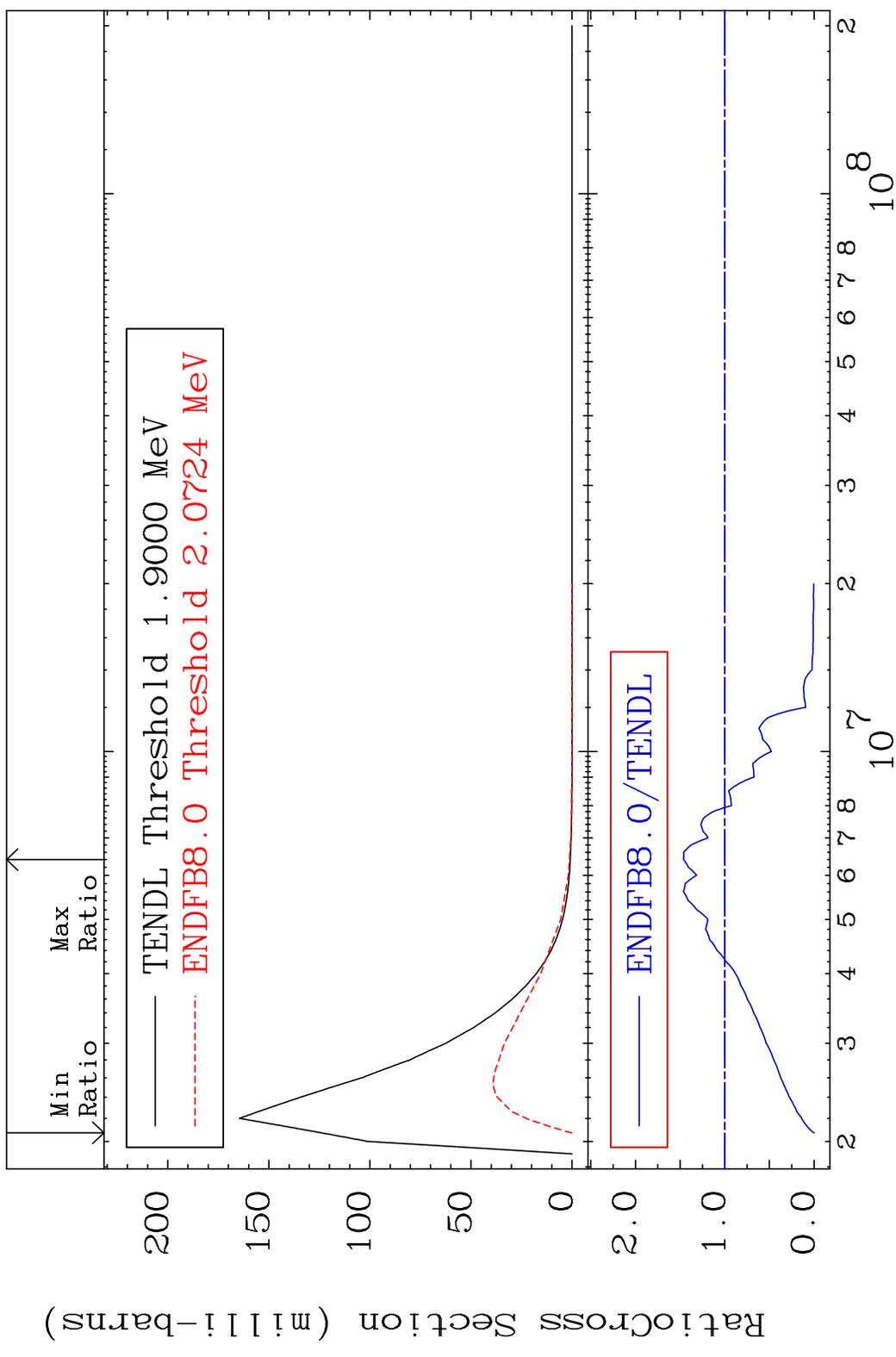
14 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 57 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 251.7 %



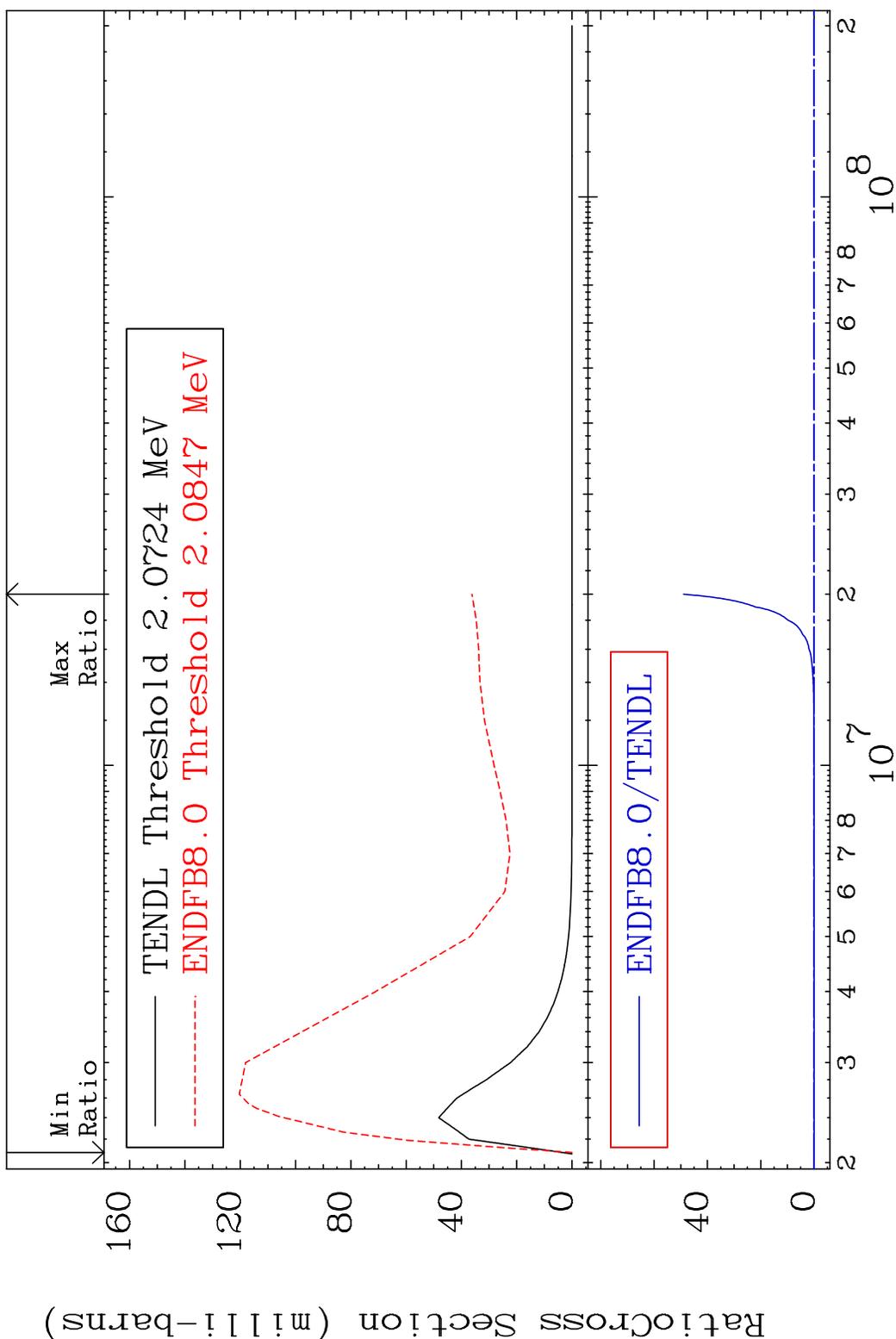
15 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 58 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 46.17 %



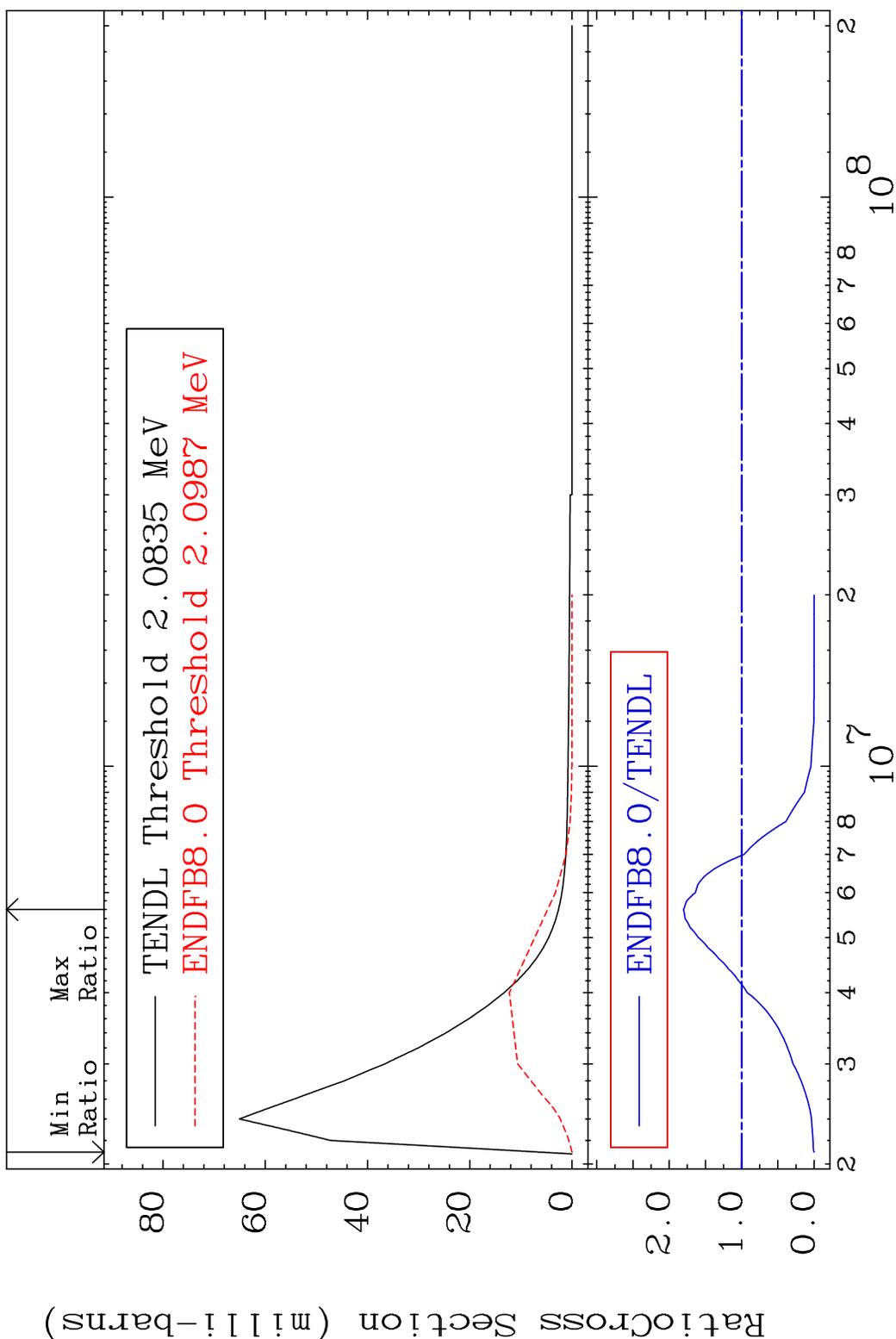
16 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 59 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 9999. %



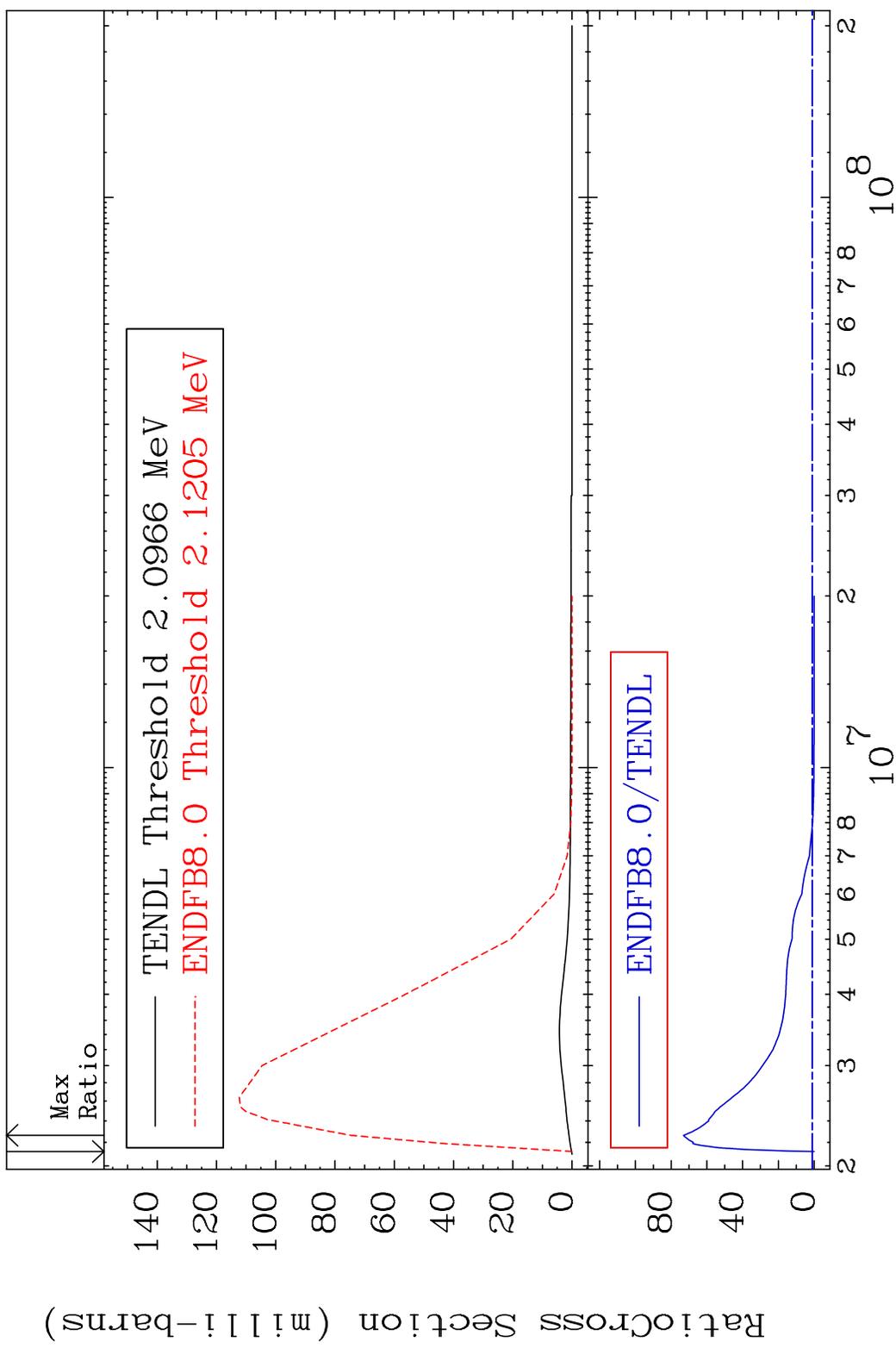
17 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 60 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 80.24 %

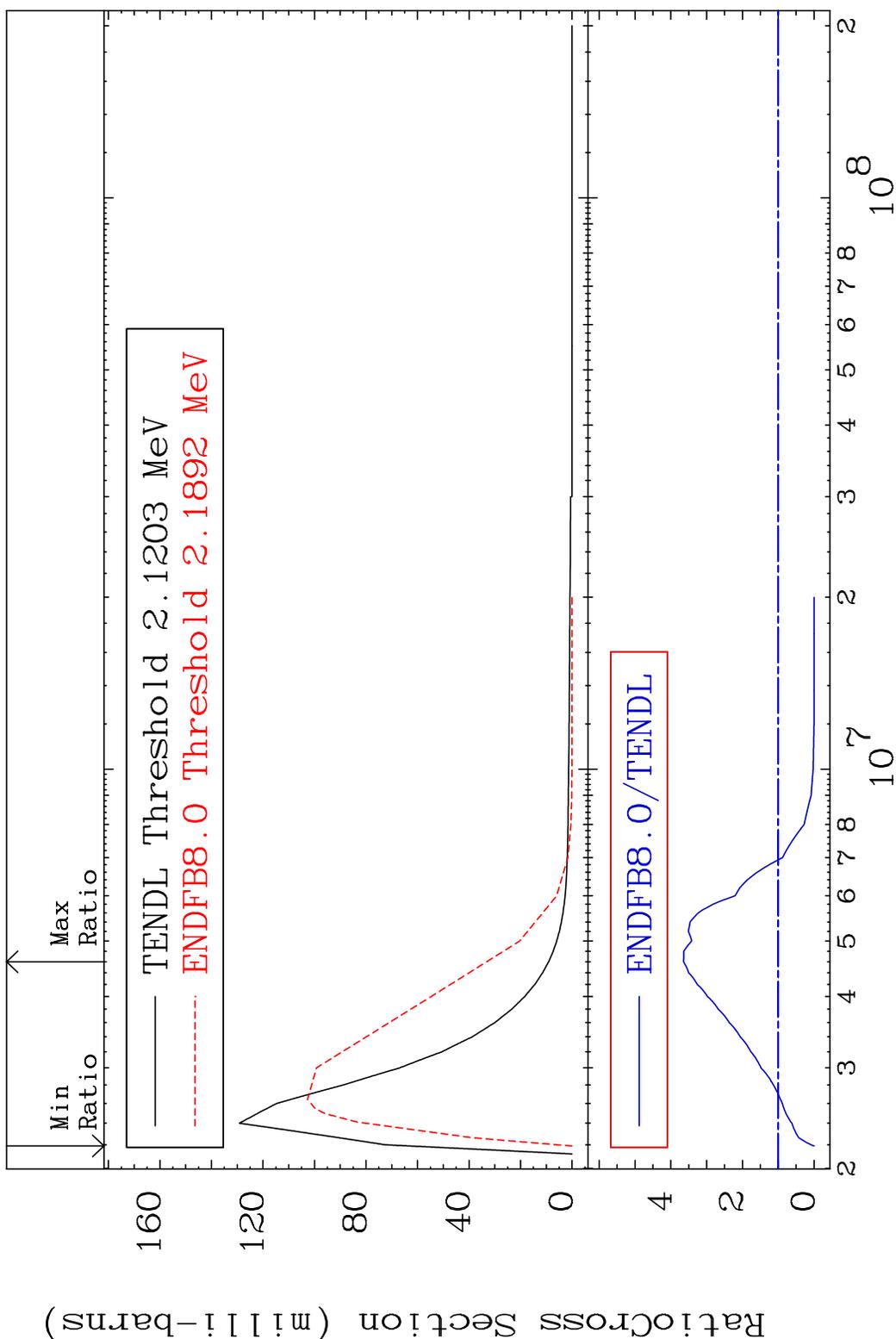


18 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 61 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 7207. %

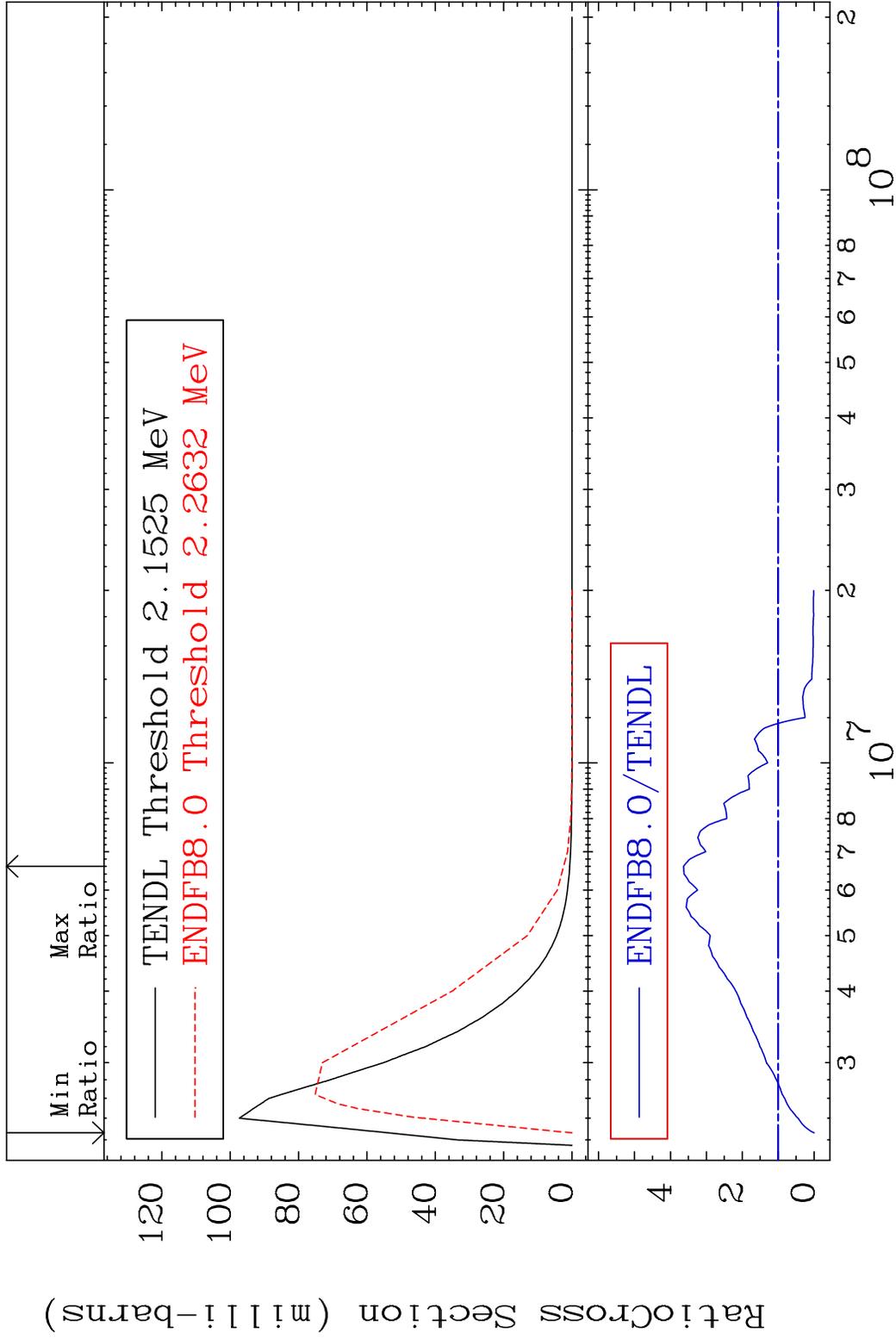


MAT 4437 MT= 62 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 264.6 %



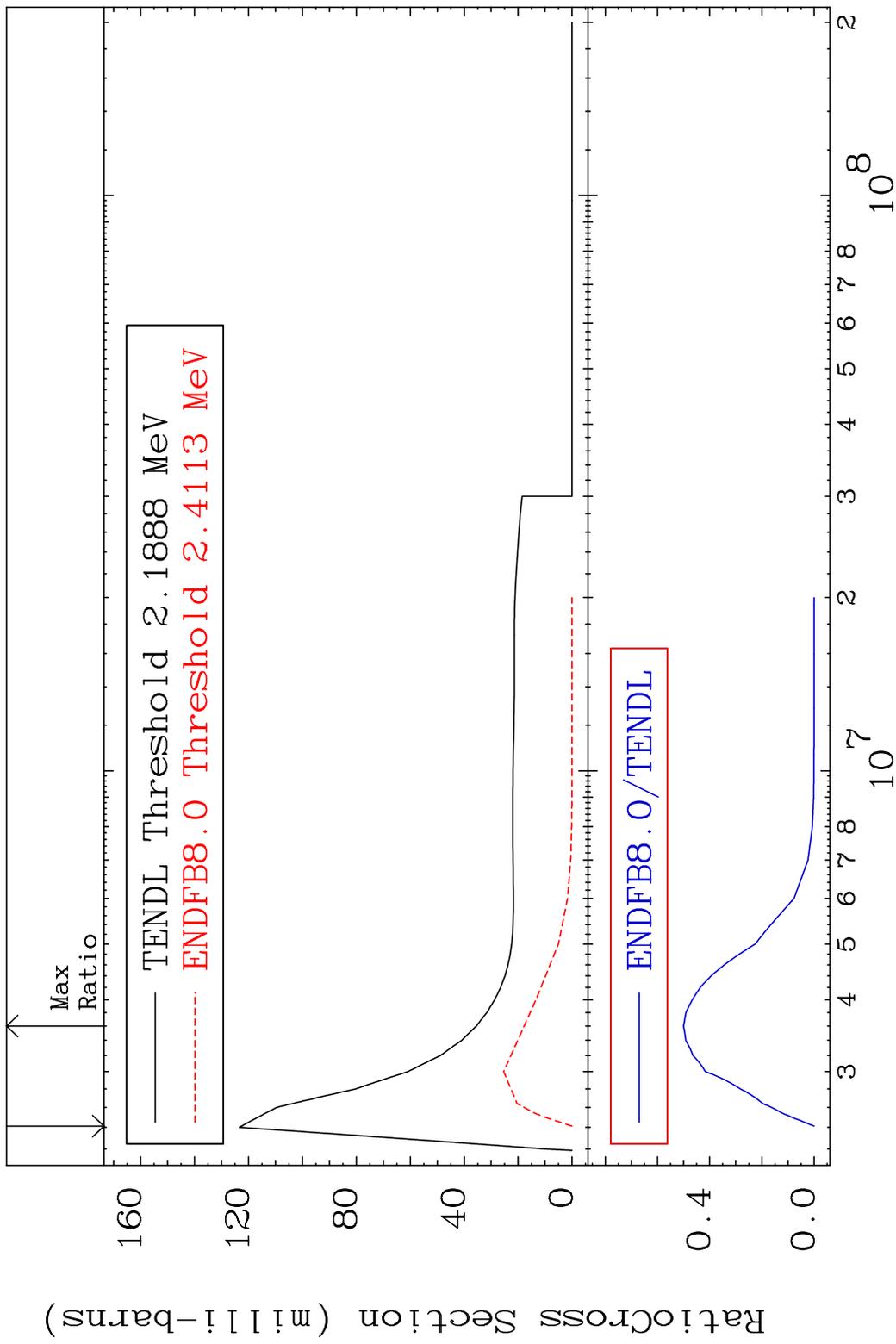
20 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 63 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 263.5 %

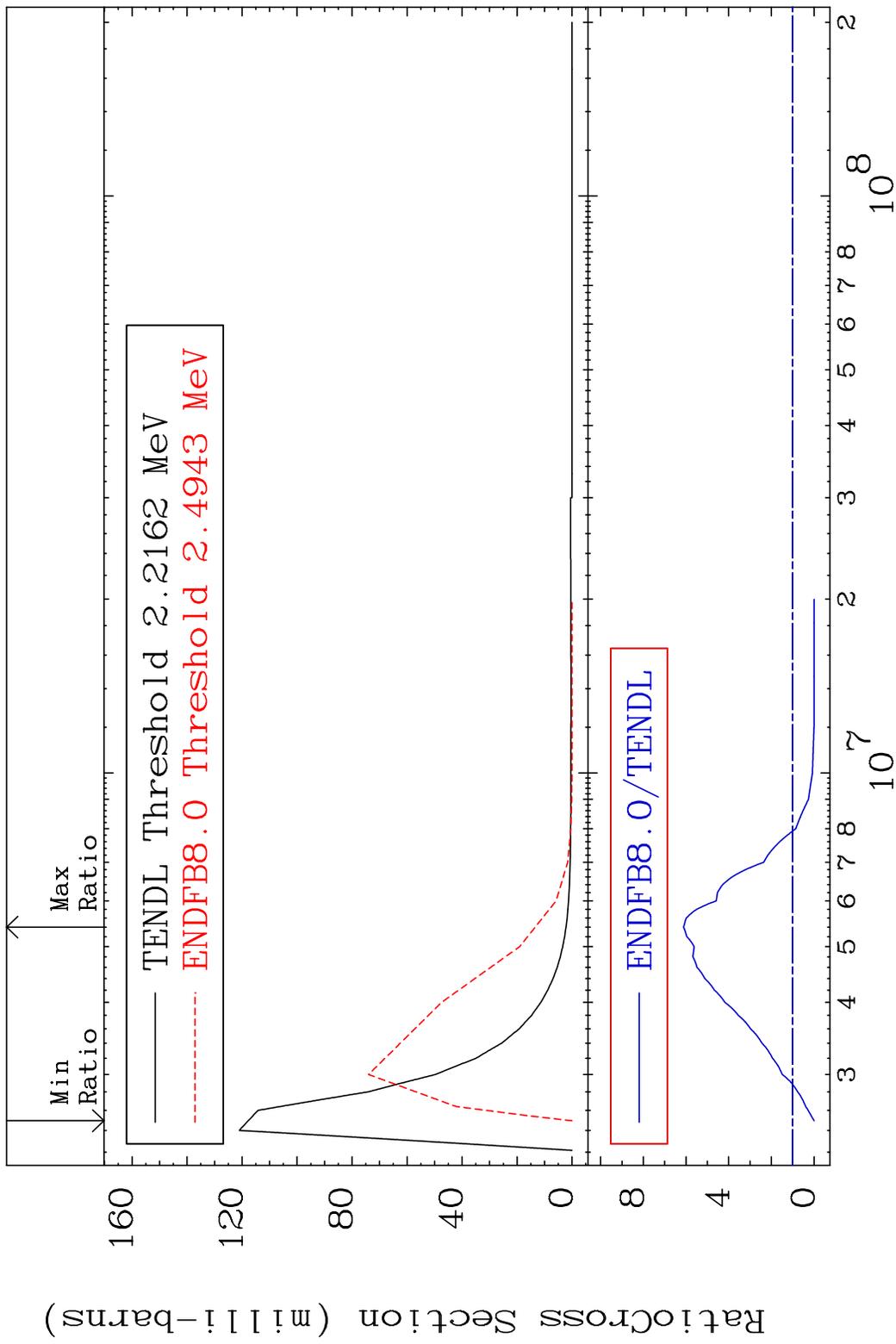


21 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 64 (n, n') Level 44-Ru-100
 Cross Section -100.0 To -49.97%

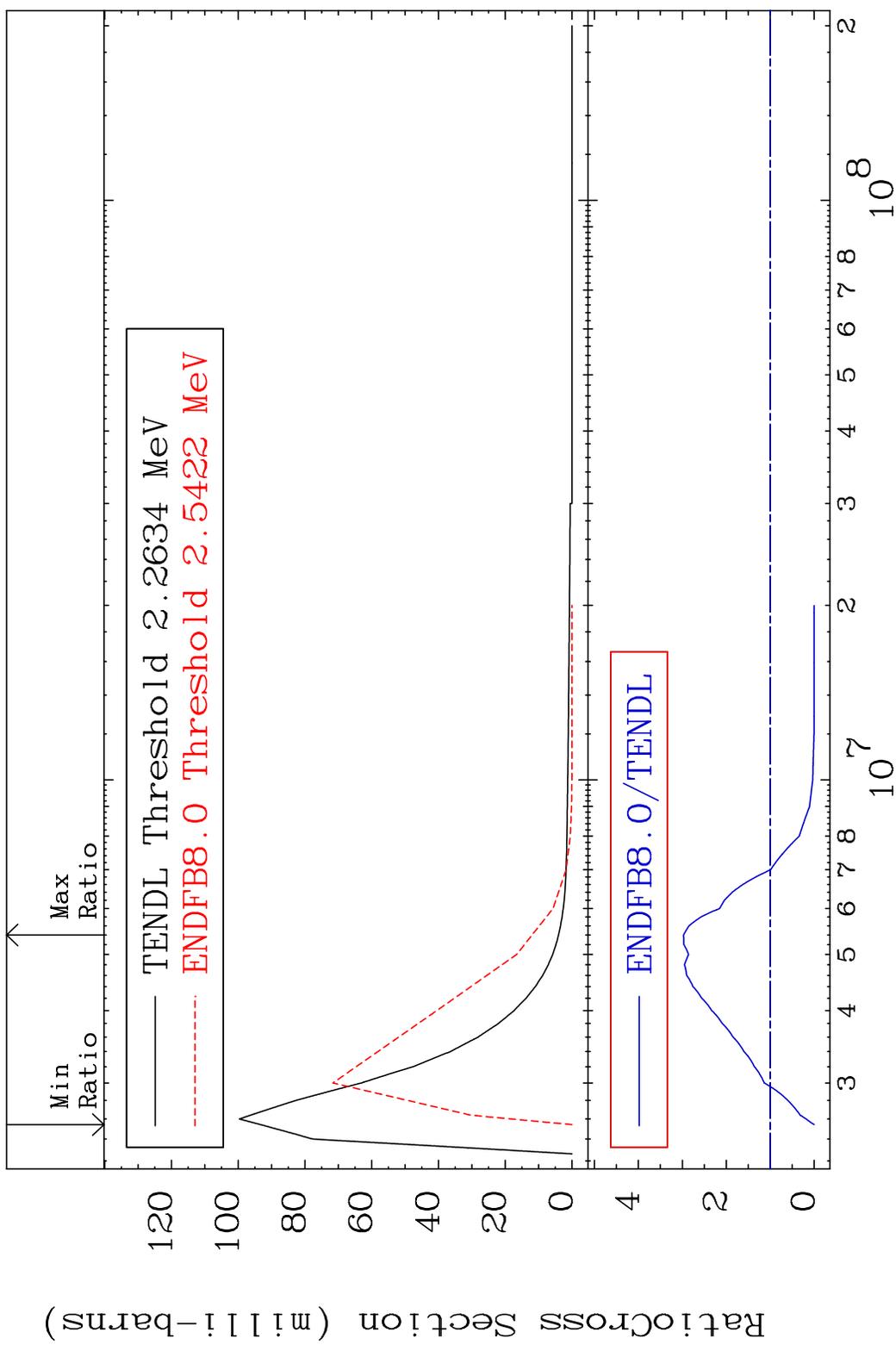


MAT 4437 MT= 65 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 511.5 %



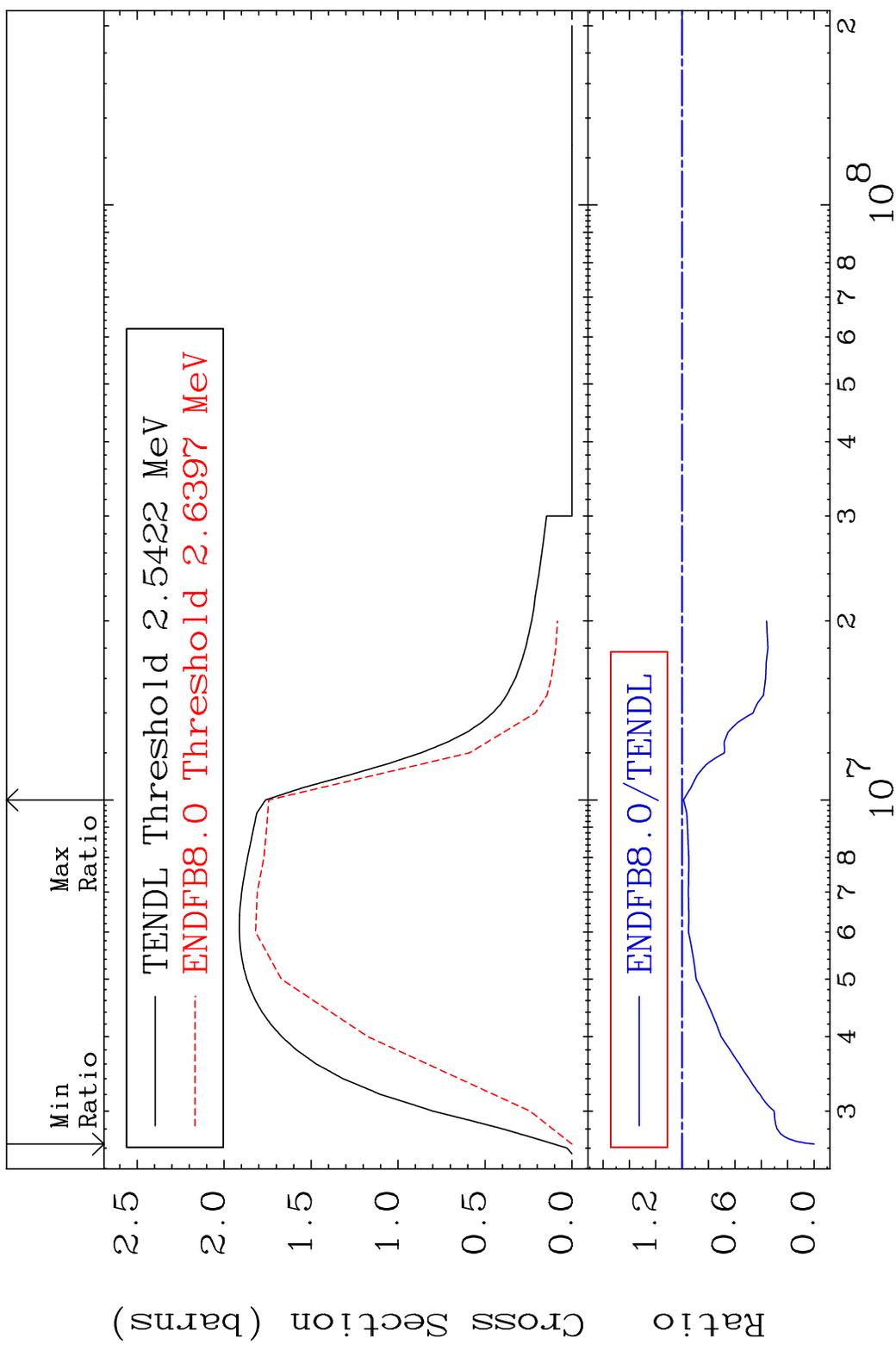
23 Incident Energy (eV) 44-Ru-100

MAT 4437 MT= 66 (n, n') Level 44-Ru-100
 Cross Section -100.0 To 197.2 %



24 Incident Energy (eV) 44-Ru-100

MAT 4437 (n,n') Continuum 44-Ru-100
 Cross Section -100.0 To -1.050%

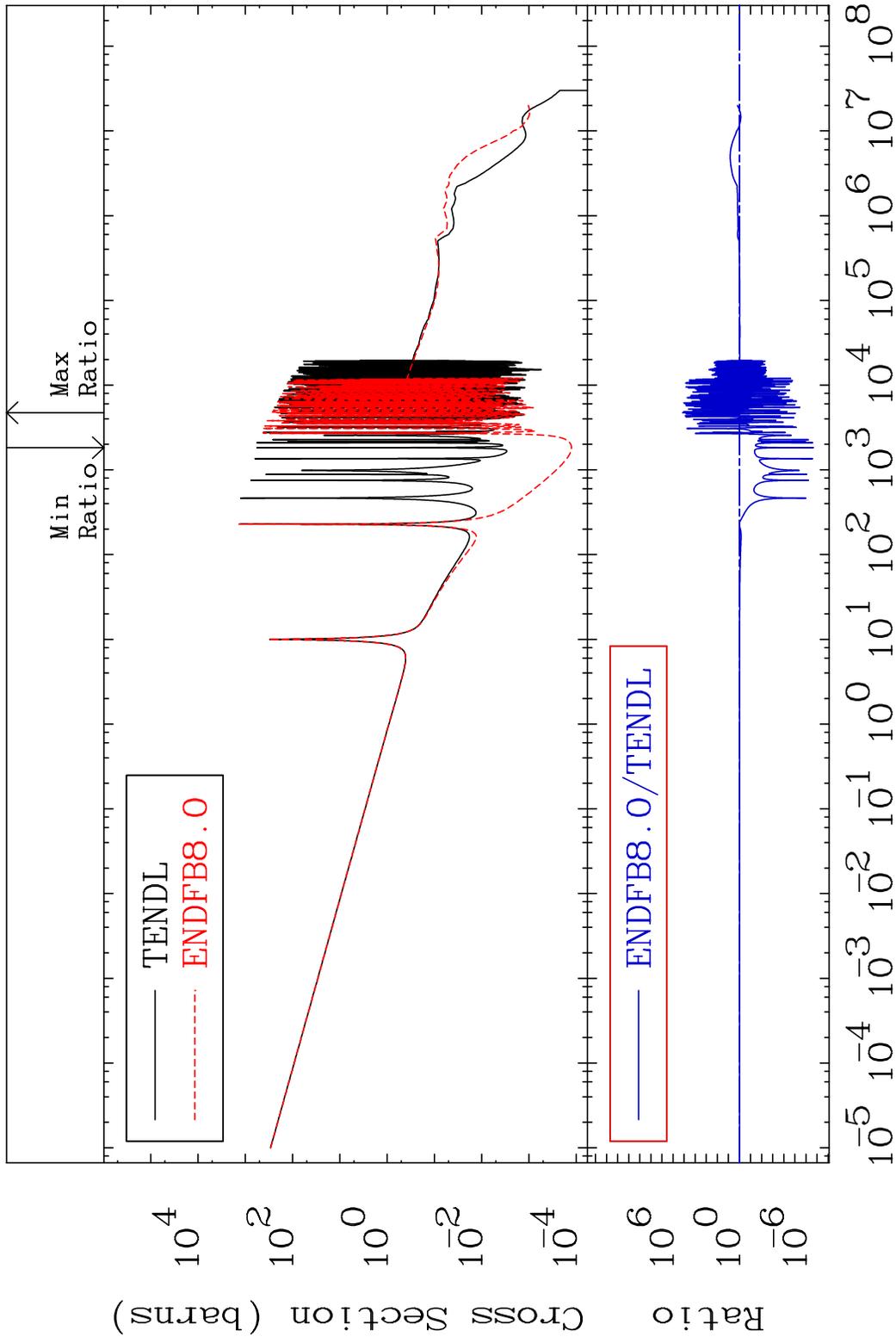


MAT 4437

(n, γ)

44-Ru-100

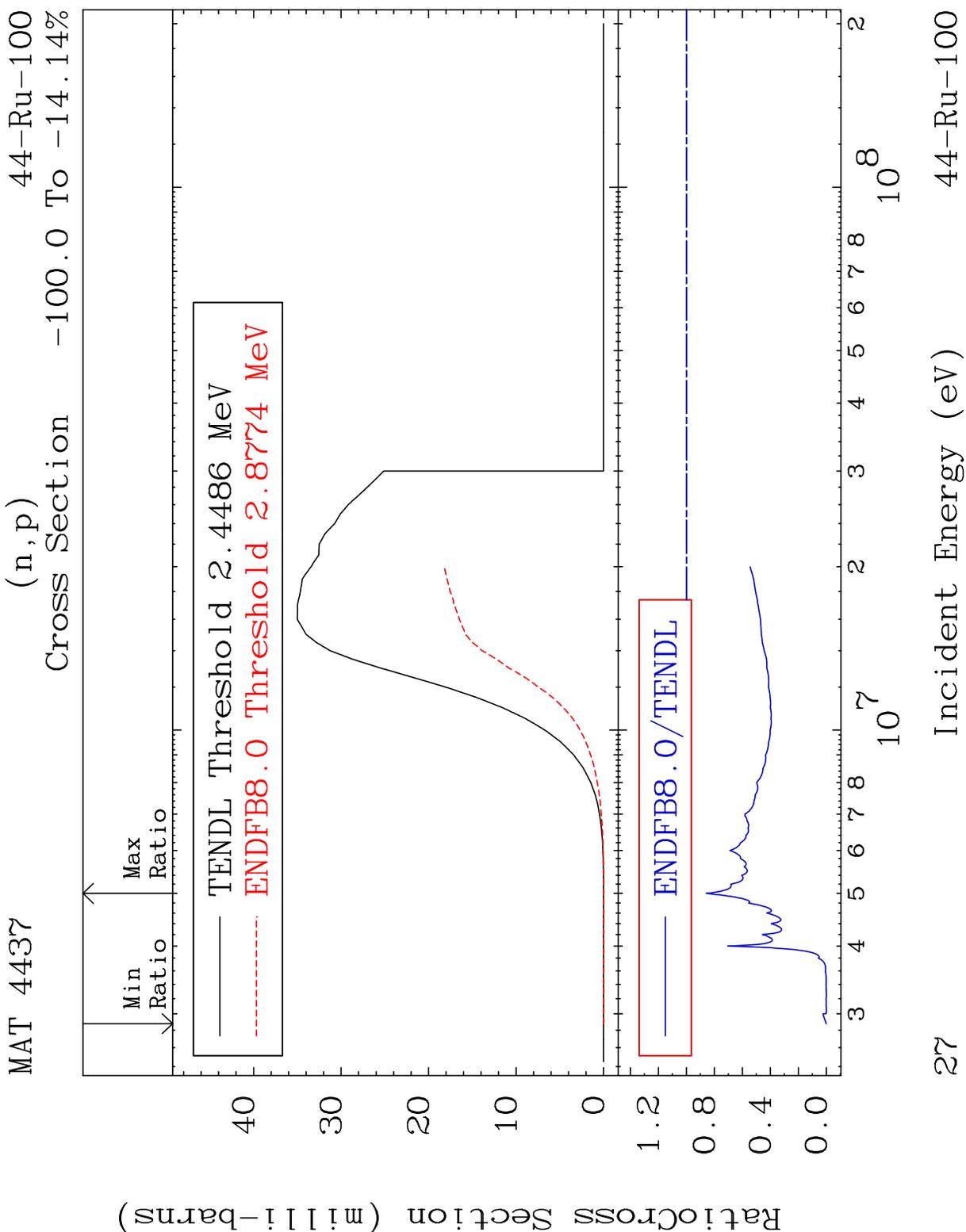
Cross Section -100.0 To 9999. %



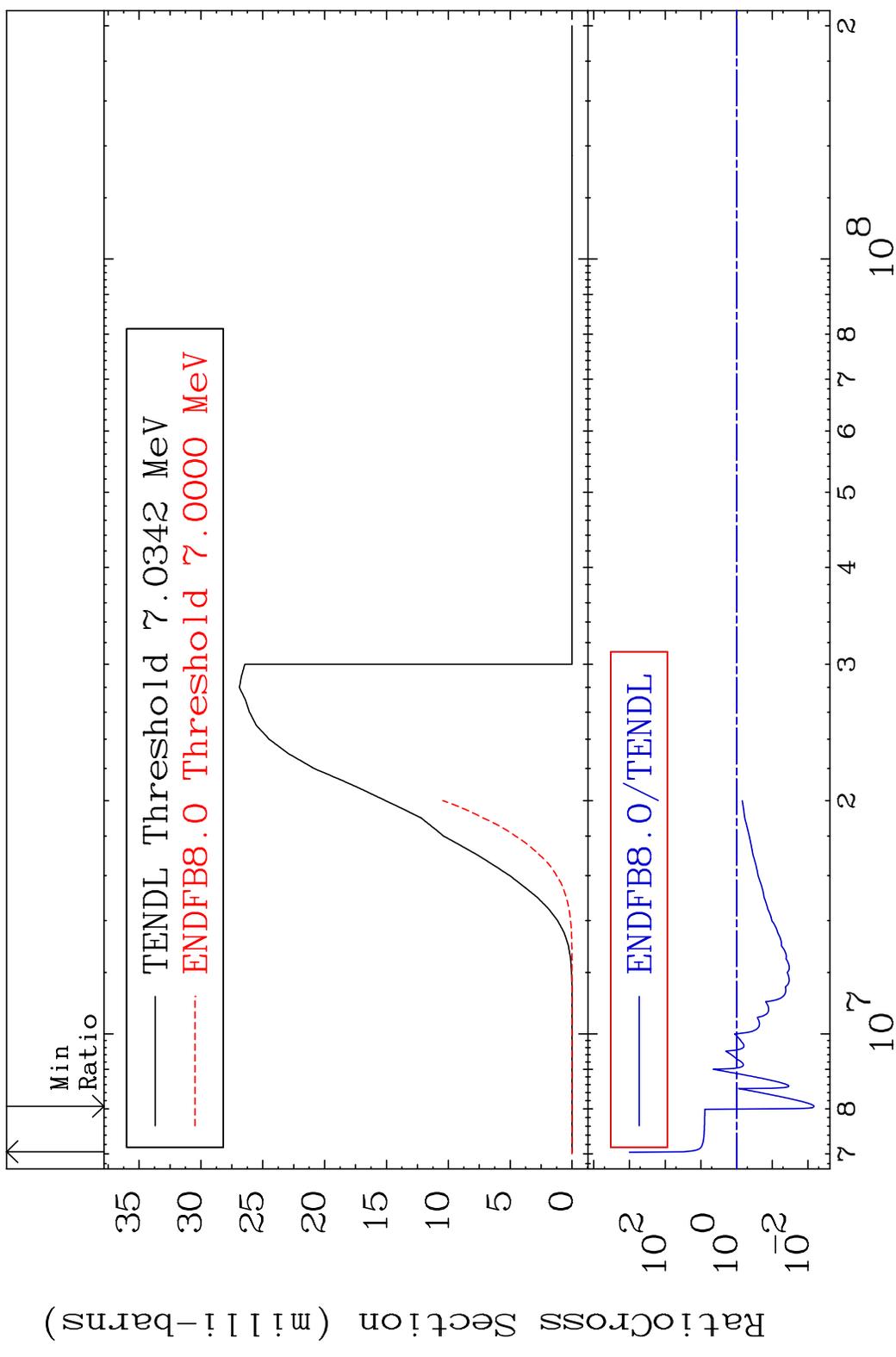
26

Incident Energy (eV)

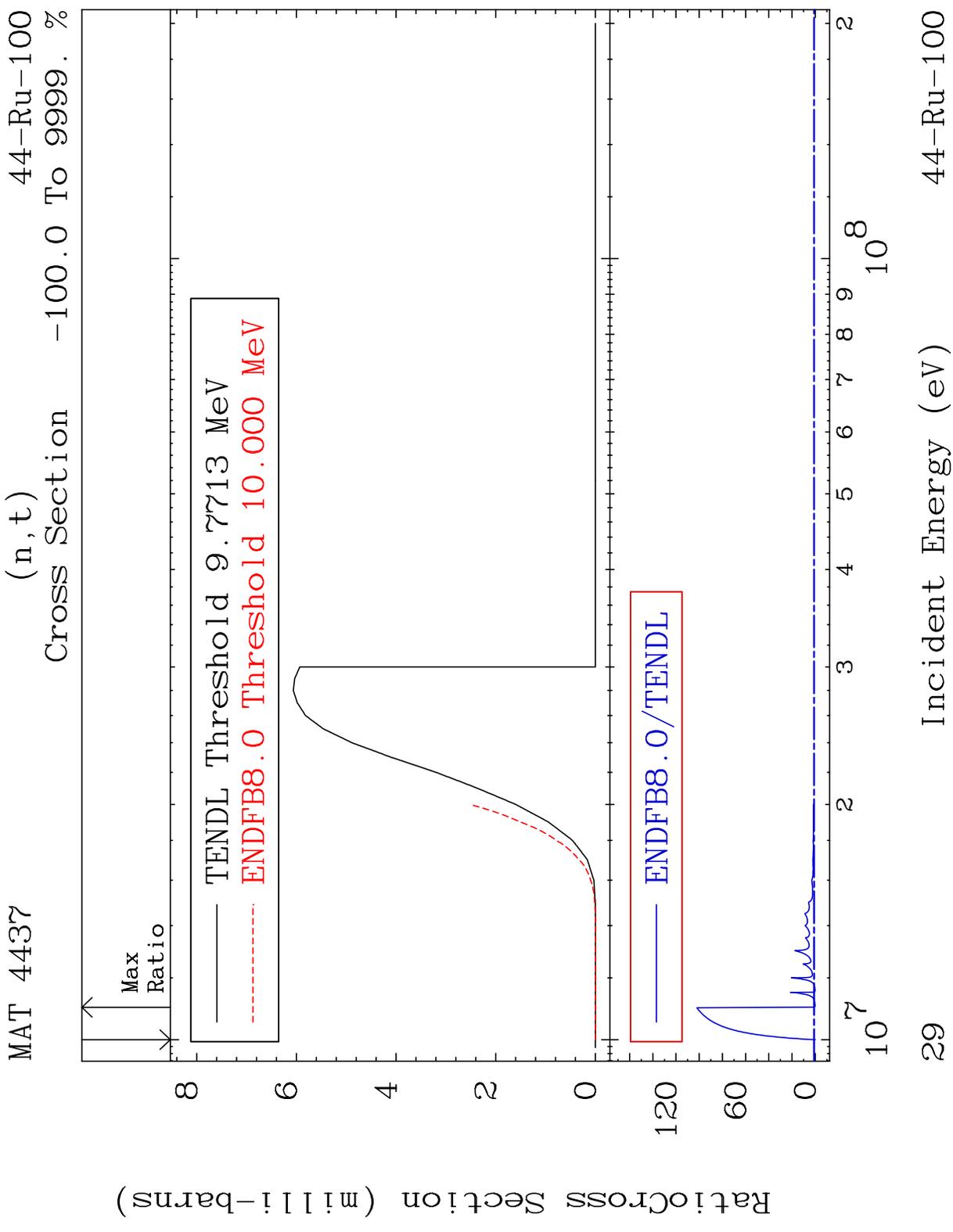
44-Ru-100



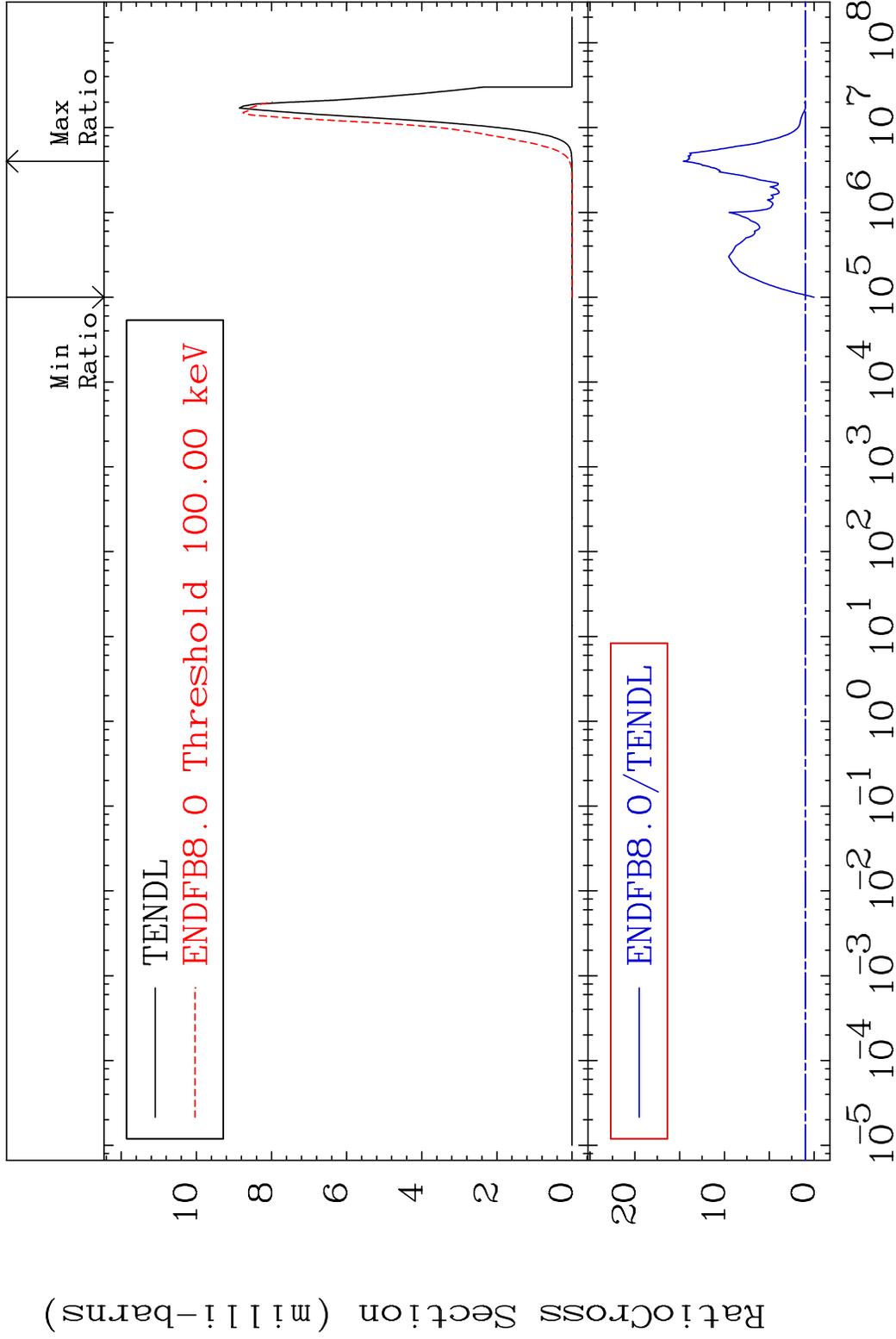
MAT 4437 (n, d) 44-Ru-100
 Cross Section -99.33 To 2961. %



28 Incident Energy (eV) 44-Ru-100

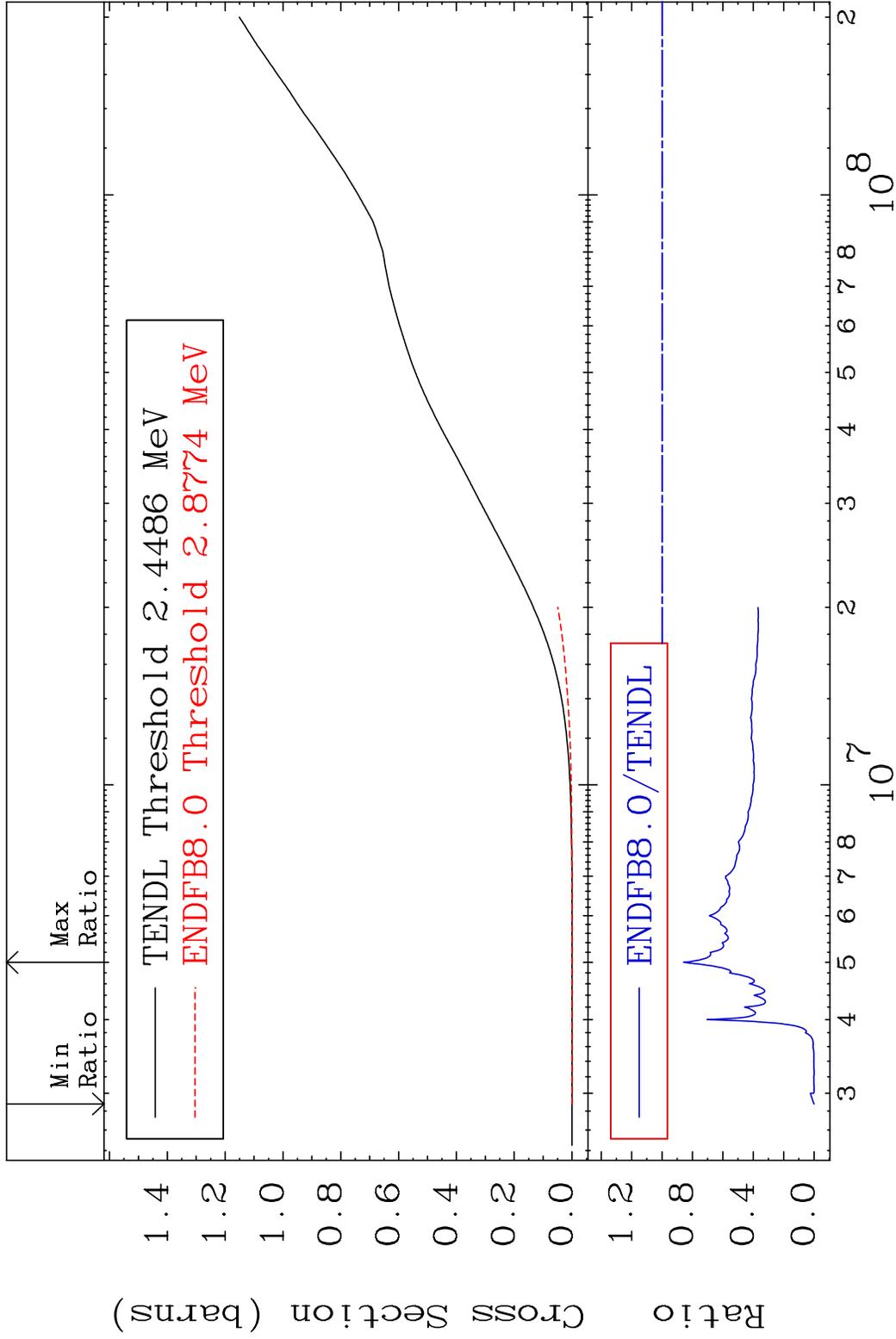


MAT 4437 (n, α) 44-Ru-100
 Cross Section -100.0 To 1357. %

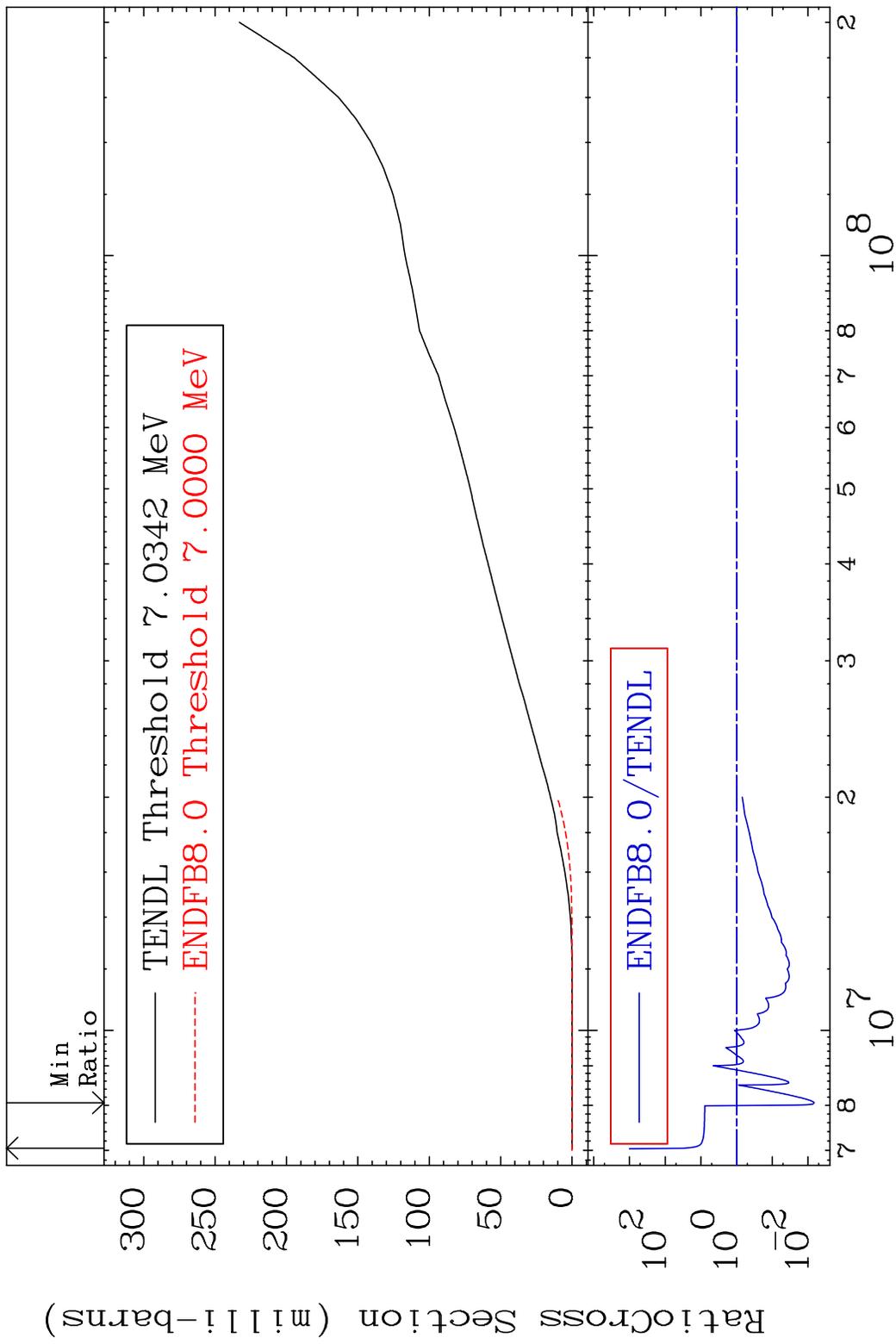


30 44-Ru-100

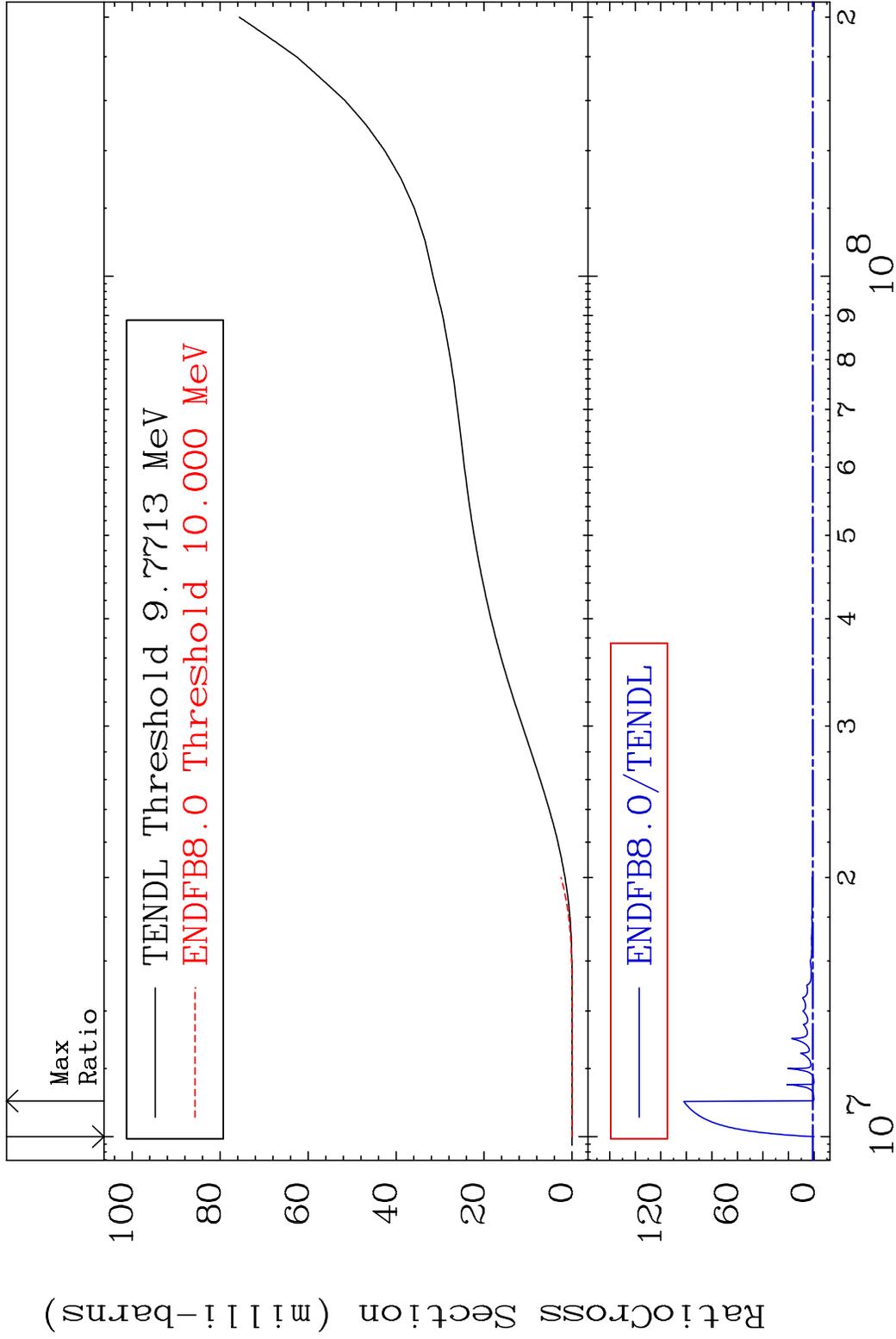
MAT 4437 Hydrogen Production 44-Ru-100
 Cross Section -100.0 To -14.14%



MAT 4437 Deuterium Production 44-Ru-100
 Cross Section -99.33 To 2961. %

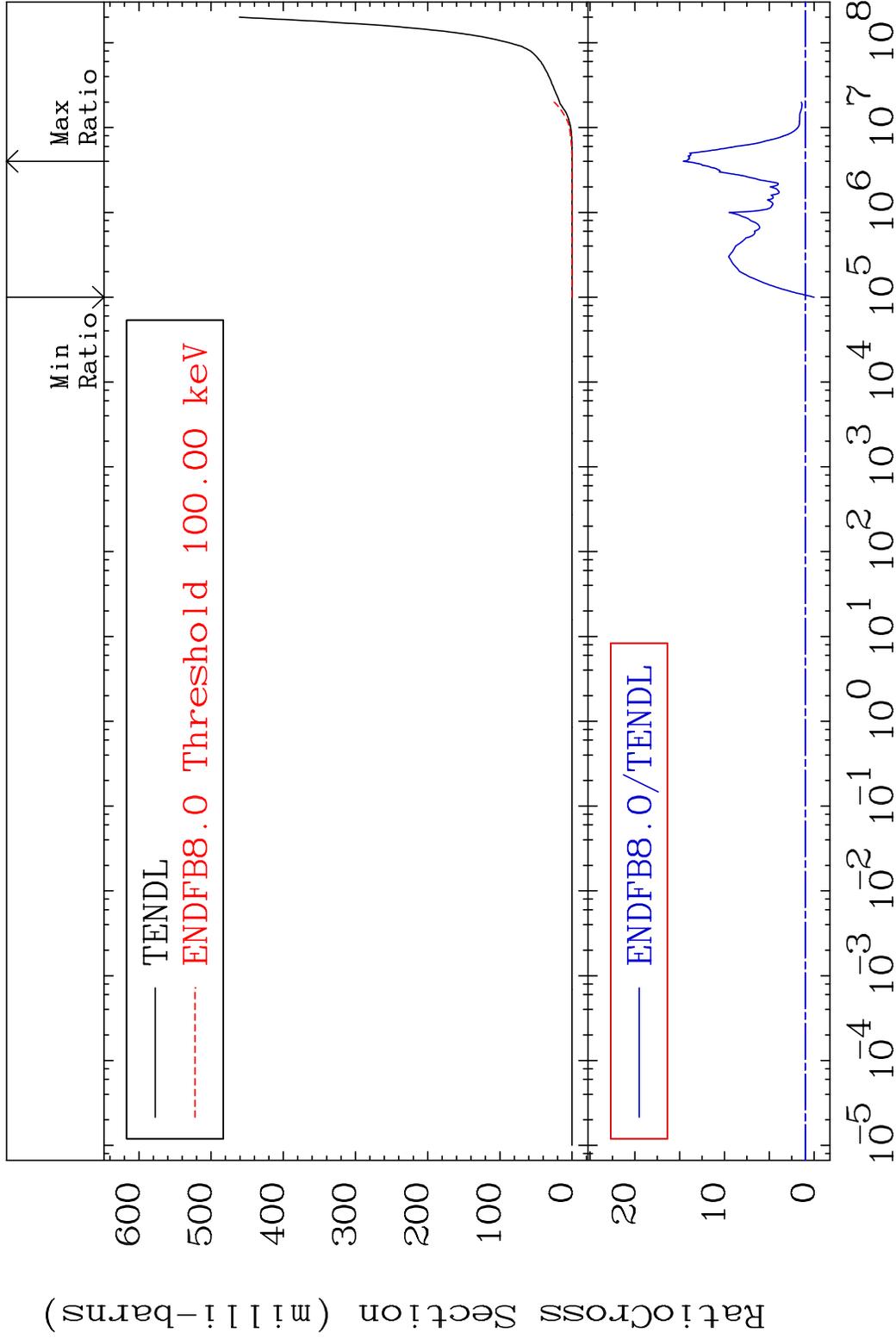


MAT 4437 Tritium Production 44-Ru-100
 Cross Section -100.0 To 9999. %



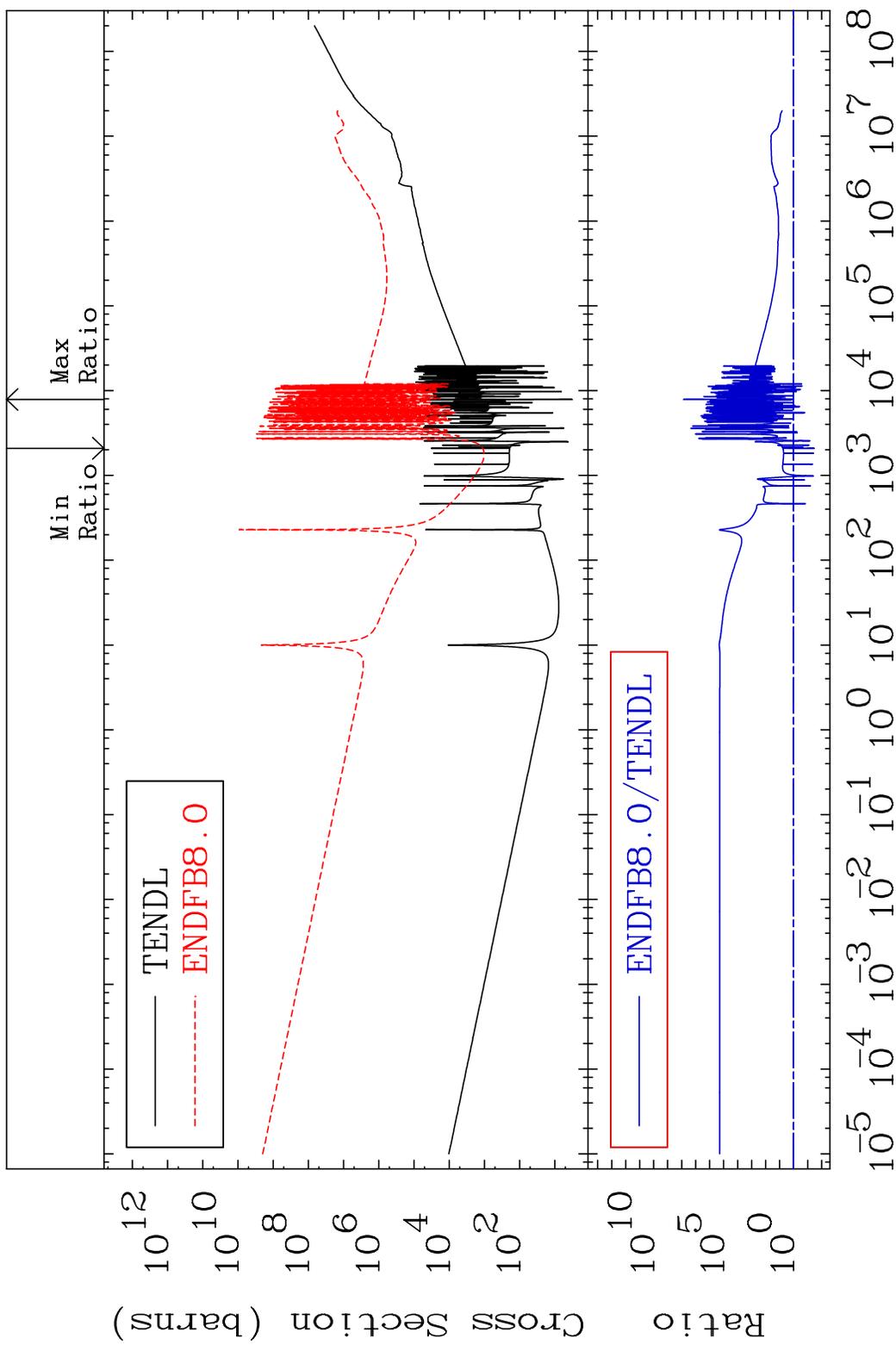
33 44-Ru-100

MAT 4437 He-4 Production 44-Ru-100
 Cross Section -100.0 To 1357. %

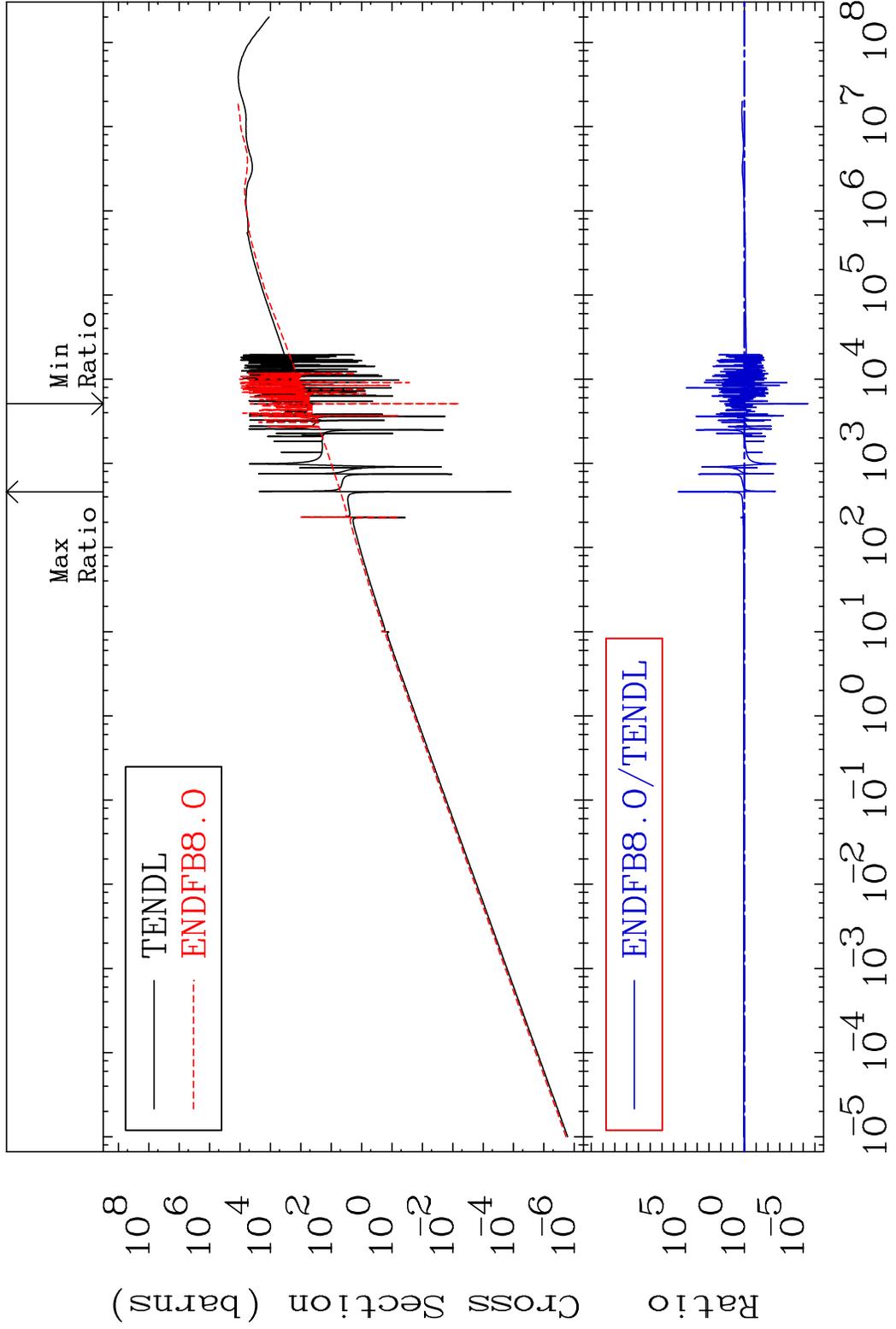


34 Incident Energy (eV) 44-Ru-100

MAT 4437 Kerma total (eV-barns) 44-Ru-100
 Cross Section -96.54 To 9999. %

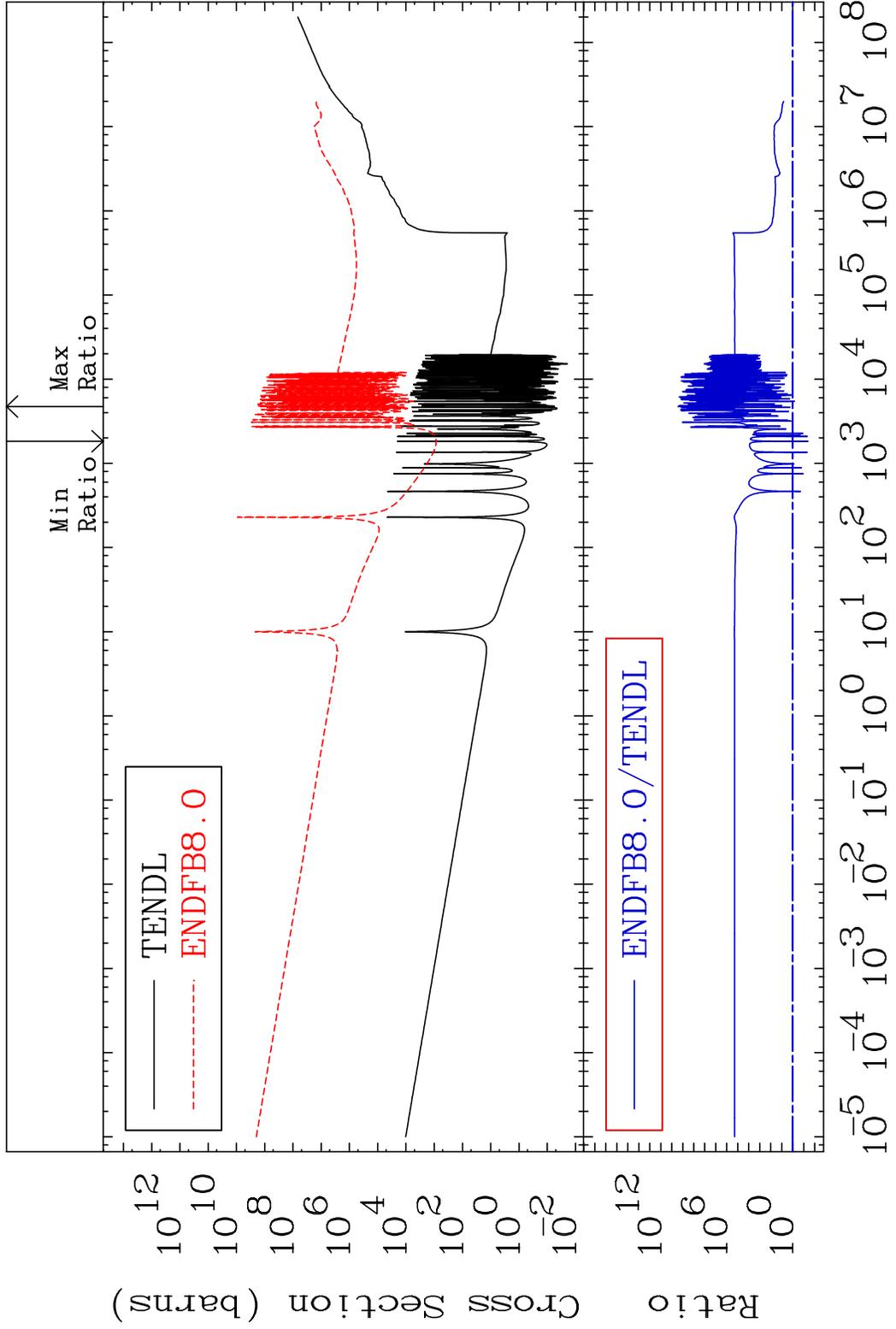


MAT 4437 Kerma elastic 44-Ru-100
 Cross Section -100.0 To 9999. %



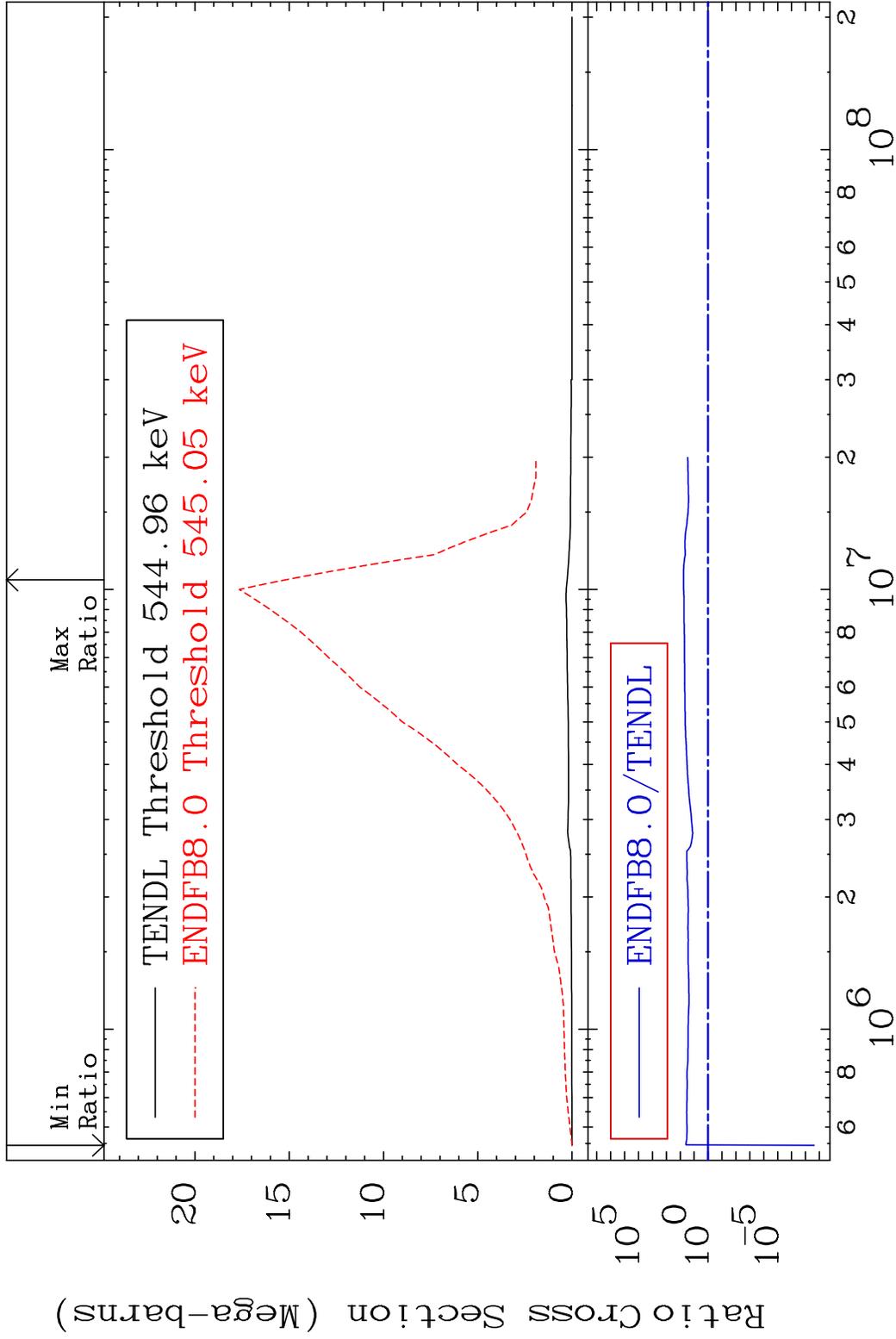
36 Incident Energy (eV) 44-Ru-100

MAT 4437 Kerma non-elastic (all but mt2) 44-Ru-100
 Cross Section -95.71 To 9999. %

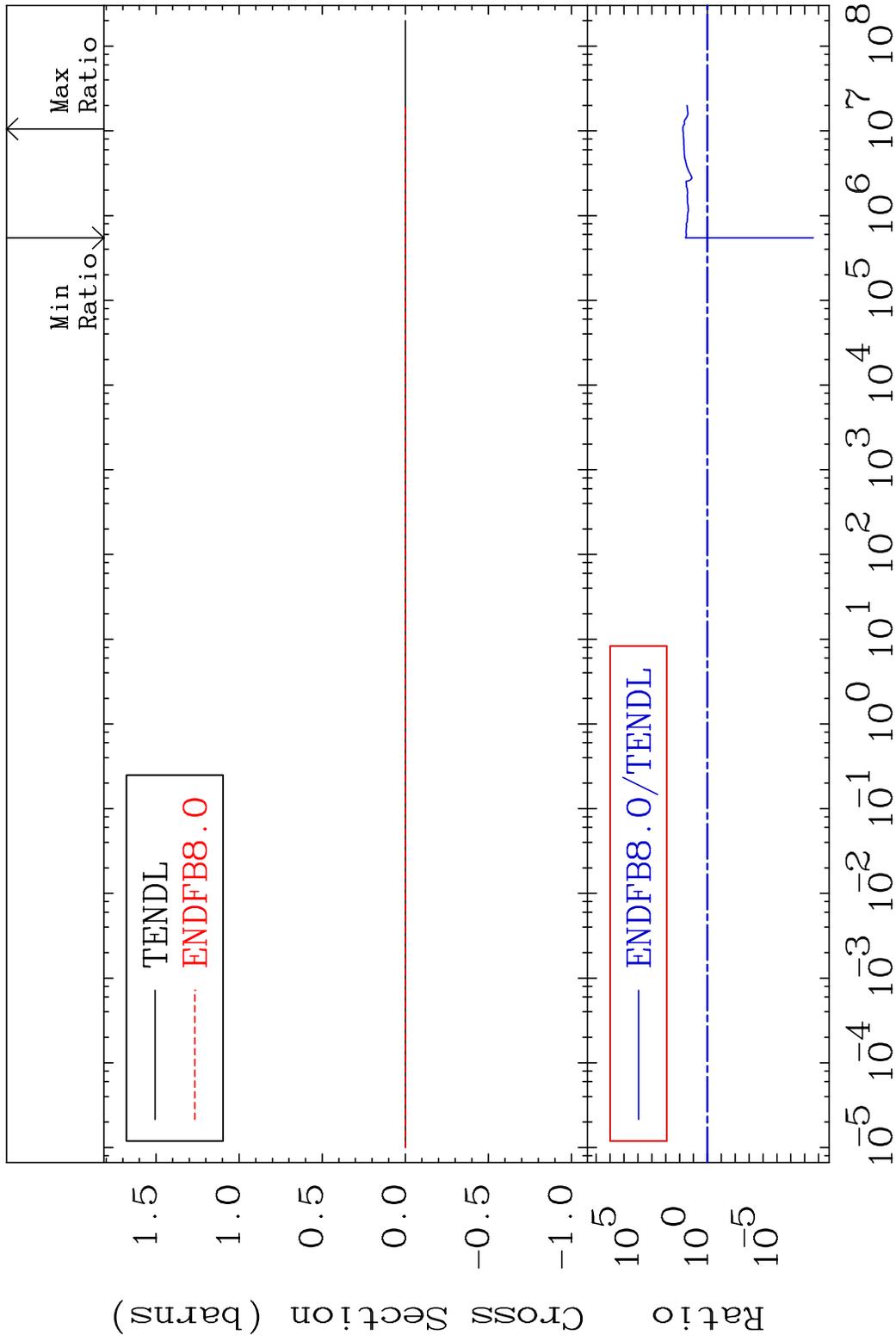


37 Incident Energy (eV) 44-Ru-100

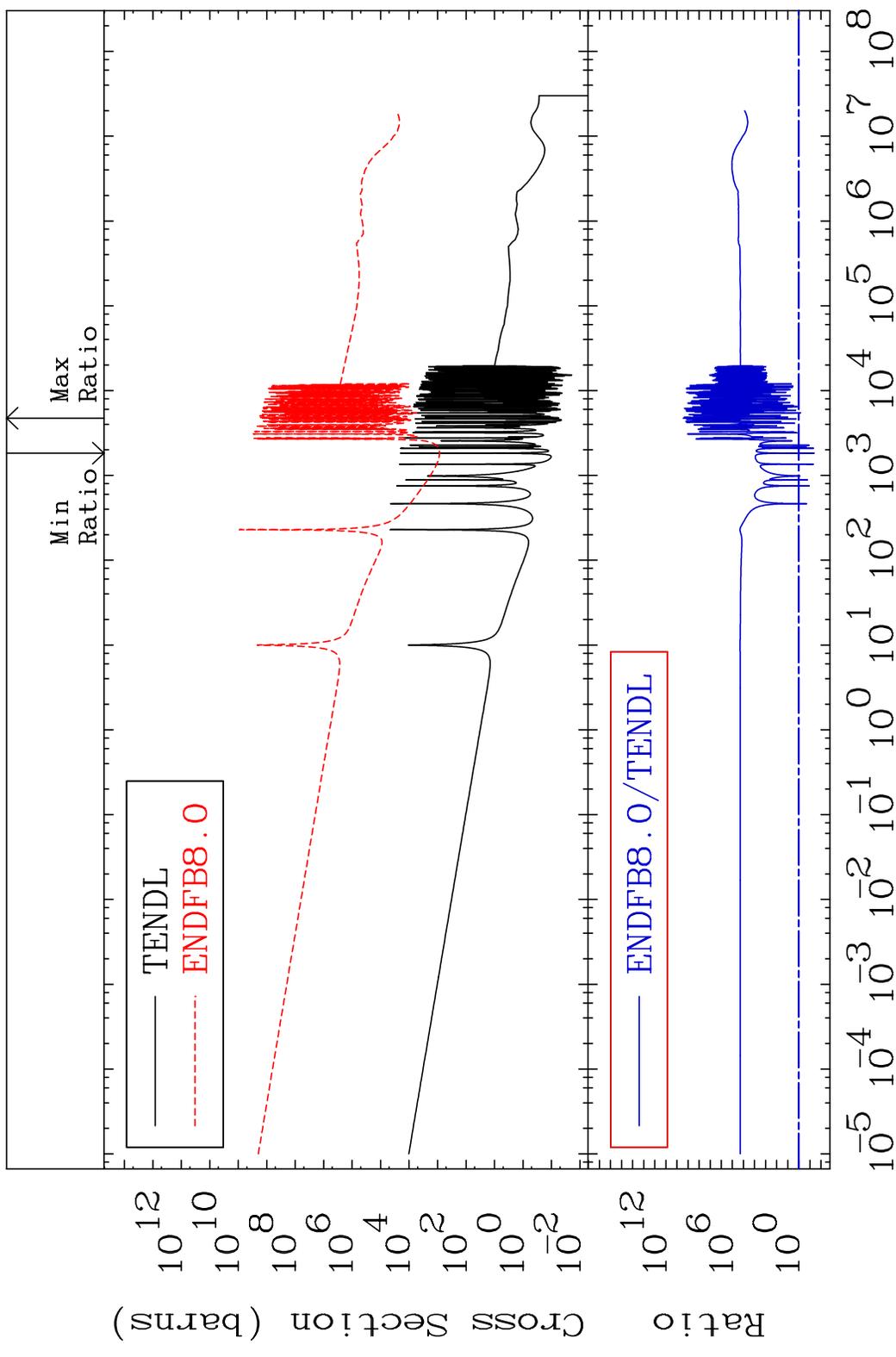
MAT 4437 Kerma inelastic (mt51-91) 44-Ru-100
 Cross Section -100.0 To 5713. %



MAT 4437 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-100
 Cross Section -100.0 To 5713. %

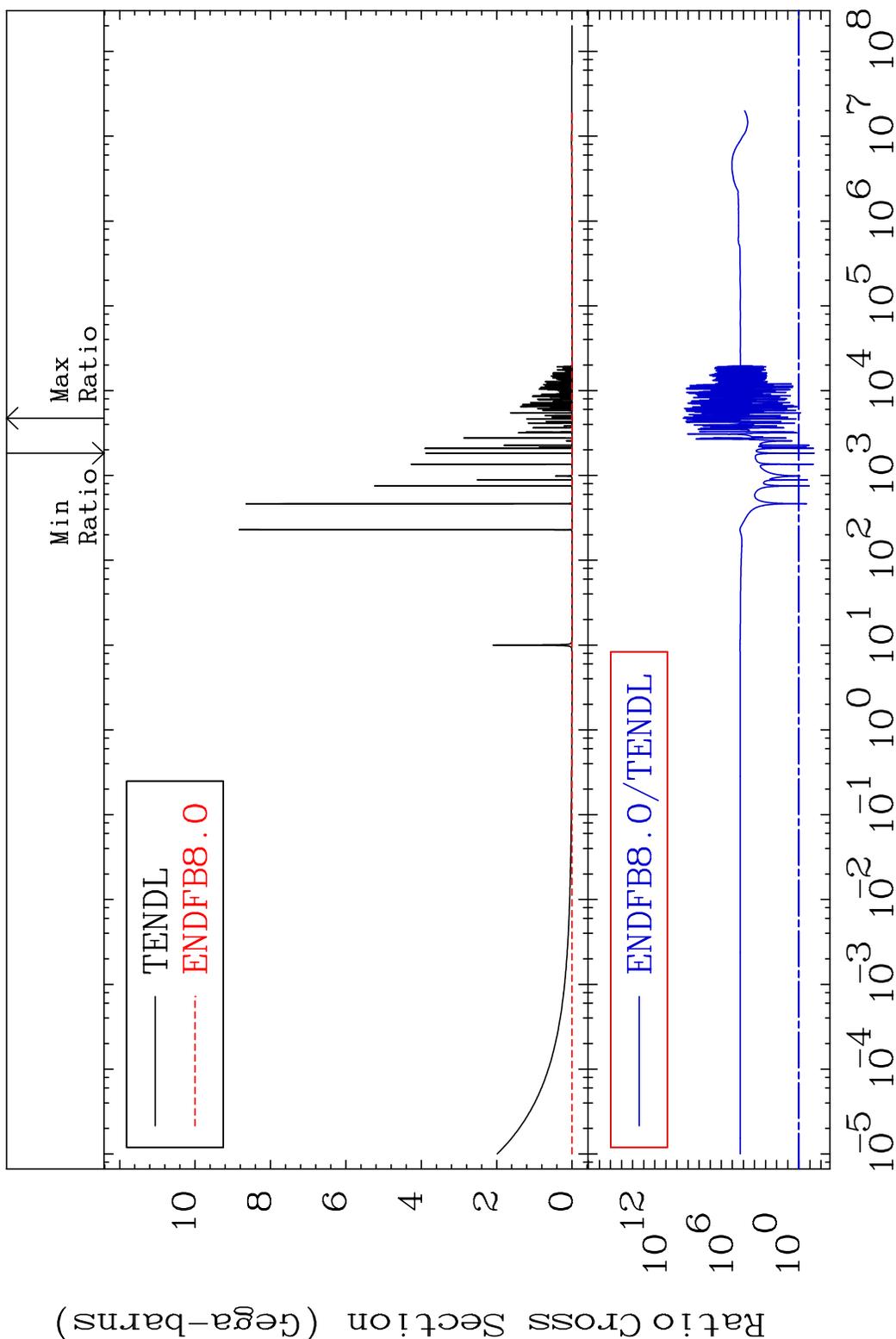


MAT 4437 Kerma capture (mt102) 44-Ru-100
 Cross Section -95.71 To 9999. %



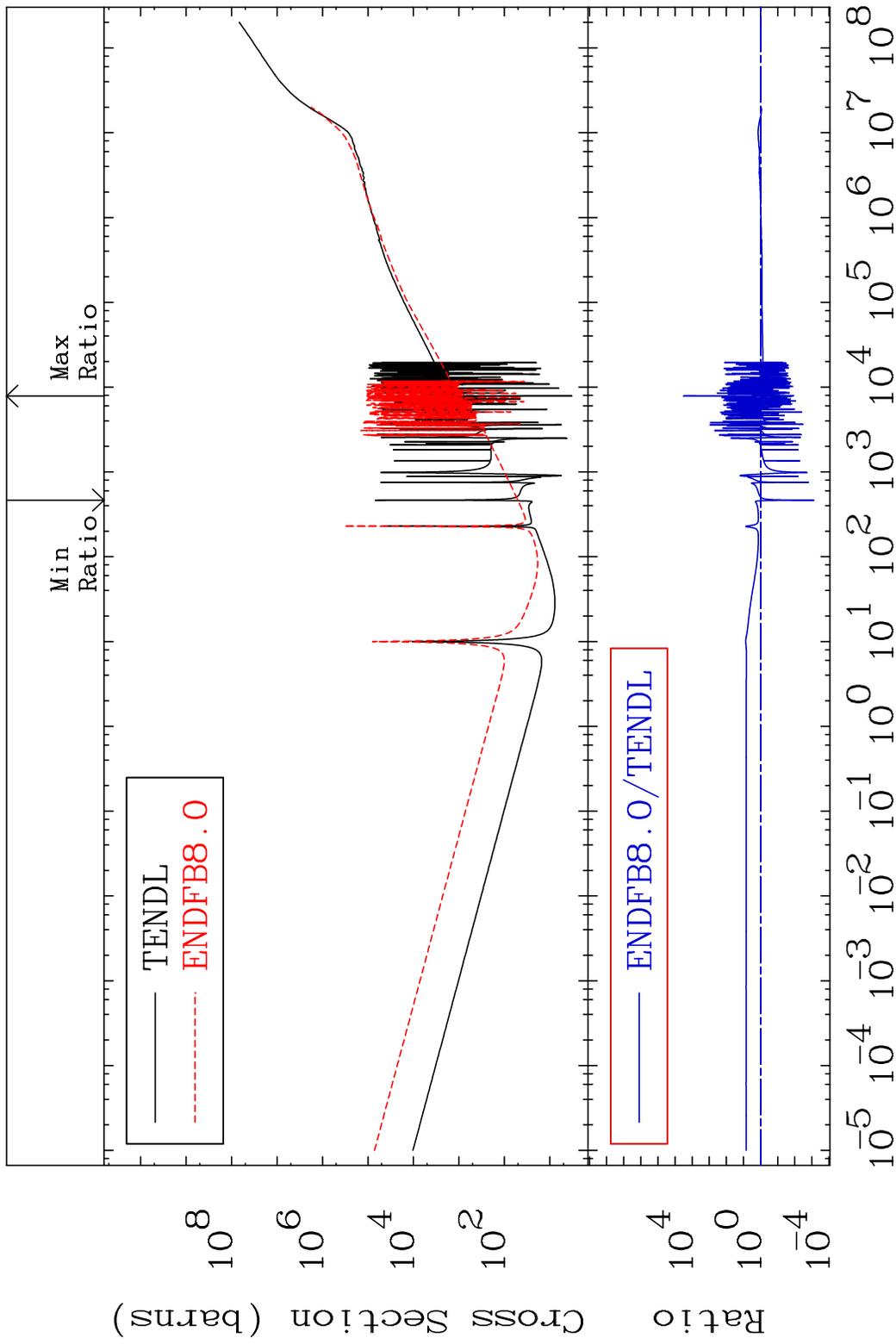
40 Incident Energy (eV) 44-Ru-100

MAT 4437 Total photon (eV-barns) 44-Ru-100
 Cross Section -95.71 To 9999. %



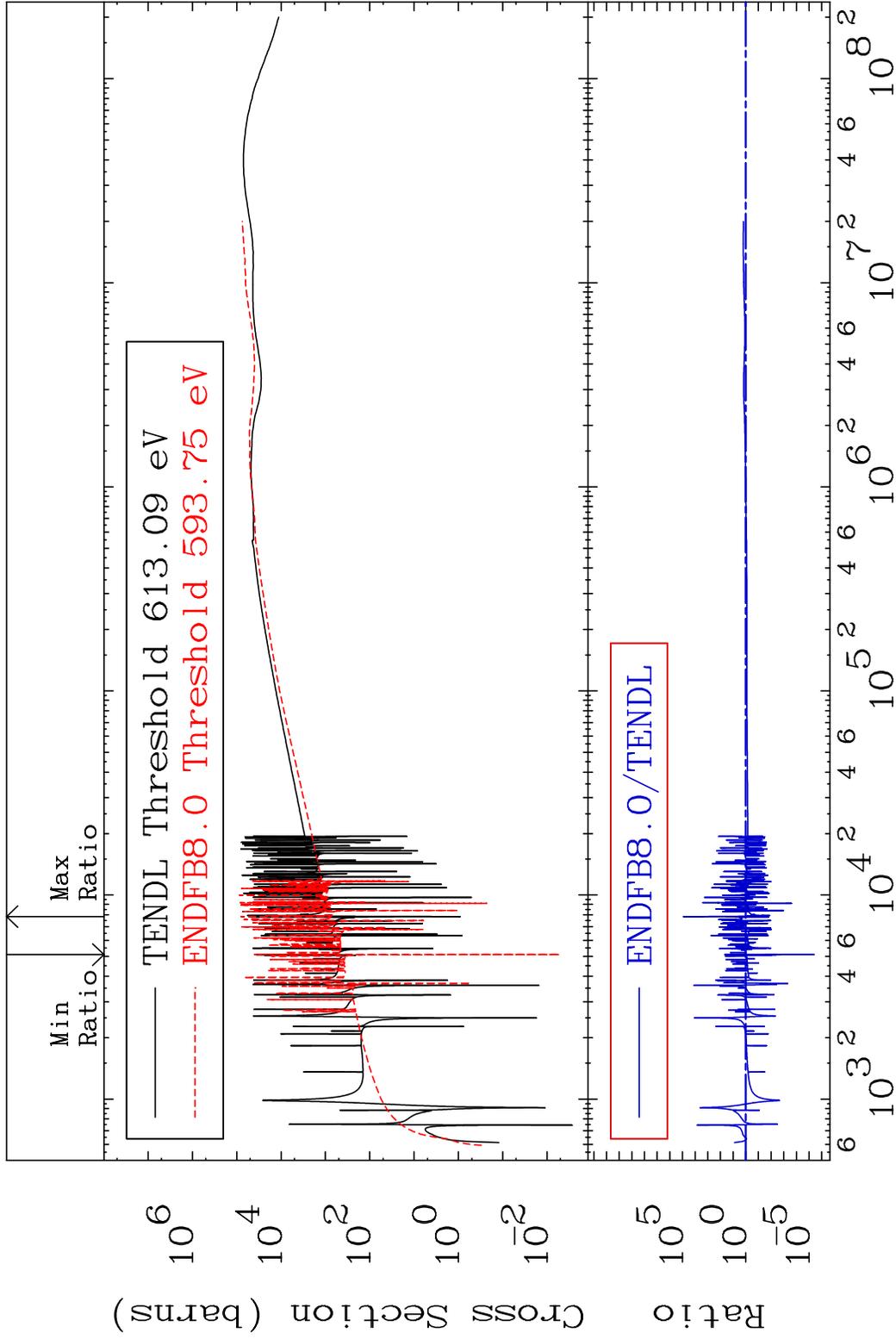
41 Incident Energy (eV) 44-Ru-100

MAT 4437 Total kinematic kerma (high limit) 44-Ru-100
 Cross Section -99.93 To 9999. %



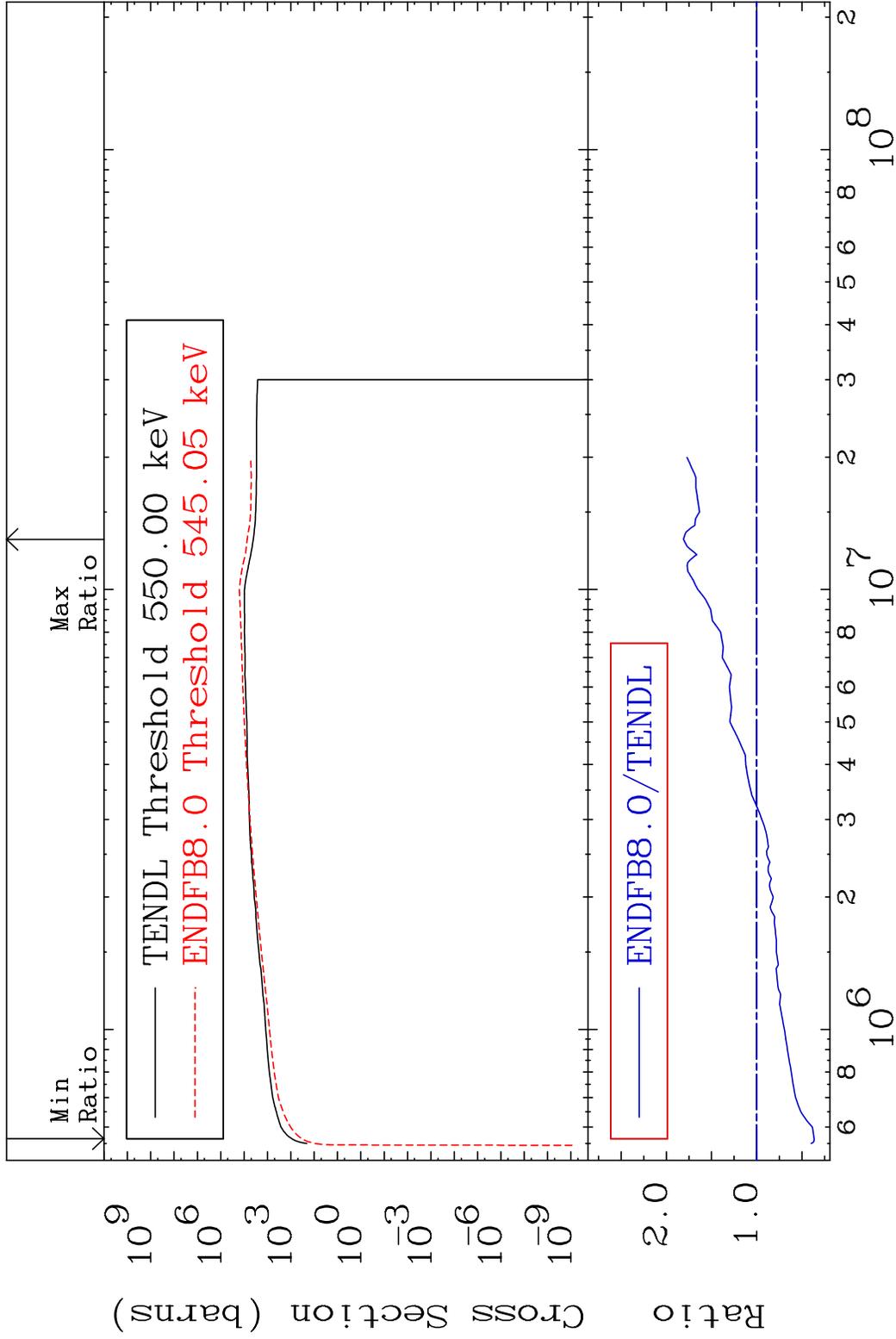
42 Incident Energy (eV) 44-Ru-100

MAT 4437 Dpa elastic (mt2) 44-Ru-100
 Cross Section -100.0 To 9999. %



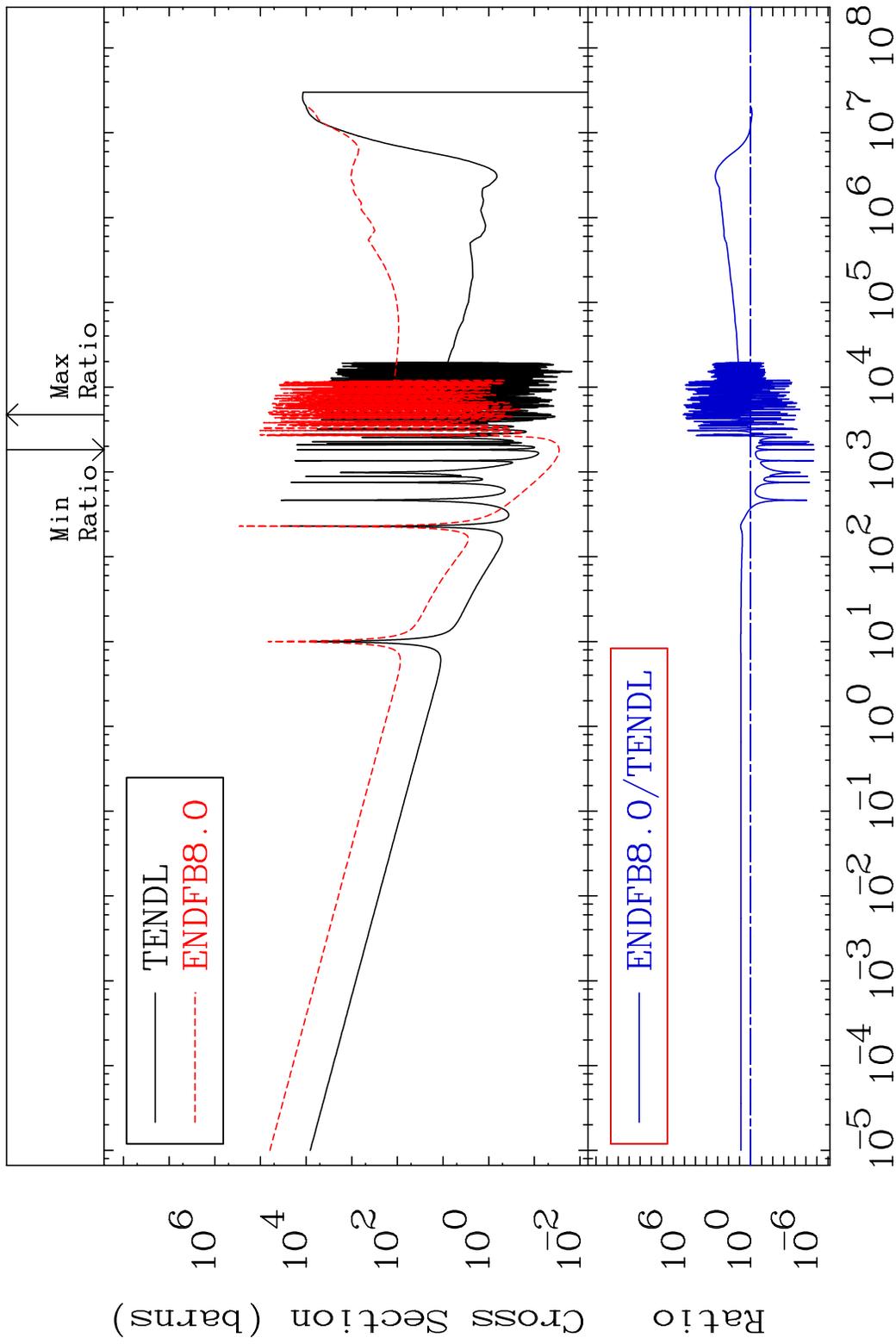
44 44-Ru-100

MAT 4437 Dpa inelastic (mt51-91) 44-Ru-100
 Cross Section -63.35 To 81.00 %



45 Incident Energy (eV) 44-Ru-100

MAT 4437 Dpa disappearance (mt102 -120) 44-Ru-100
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 44-Ru-100