

Program Complot
(Version 2021-1)

by

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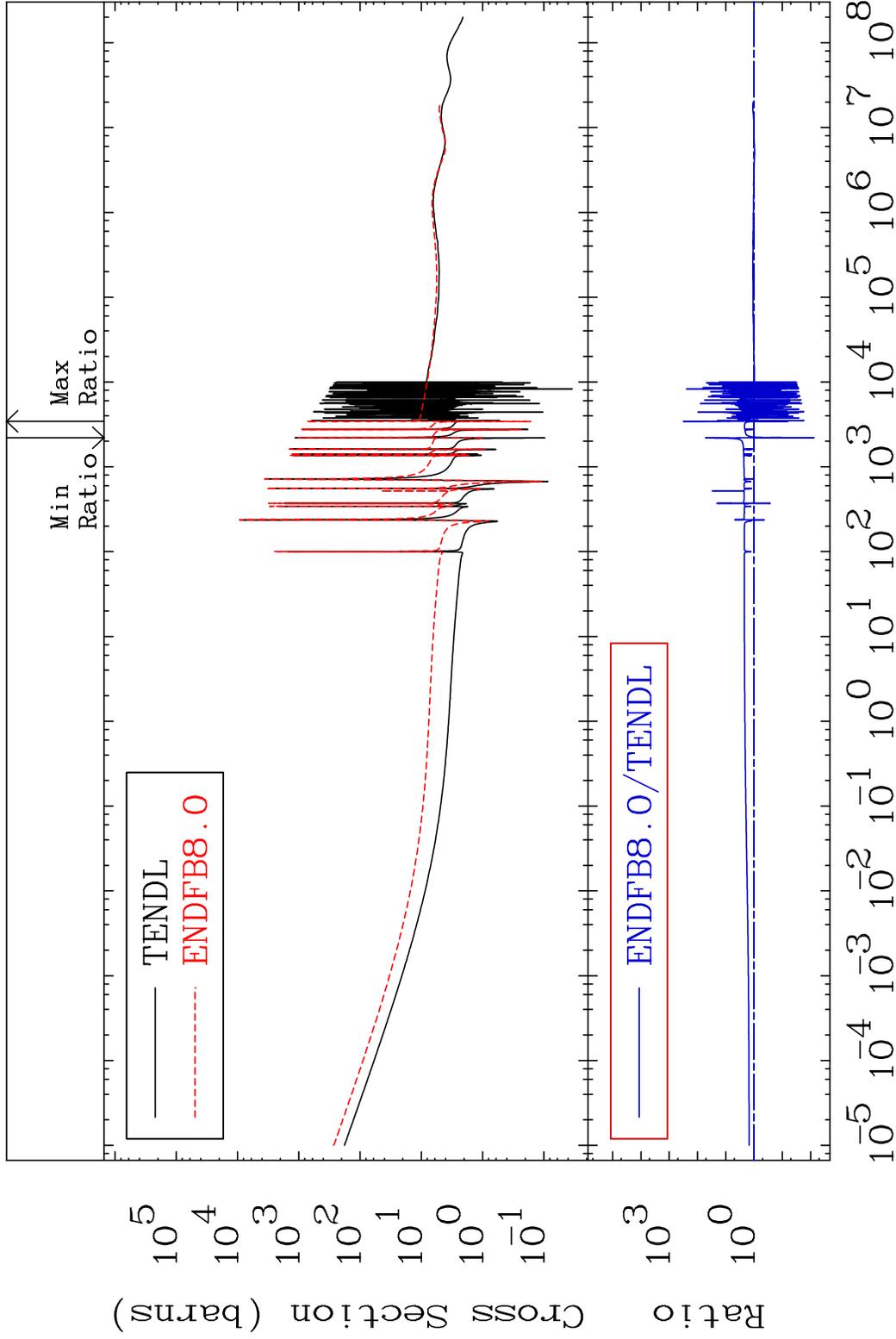
Press Mouse Button to Start

MAT 5437

Total

54-Xe-128

Cross Section -99.24 To 9999. %



1

Incident Energy (eV)

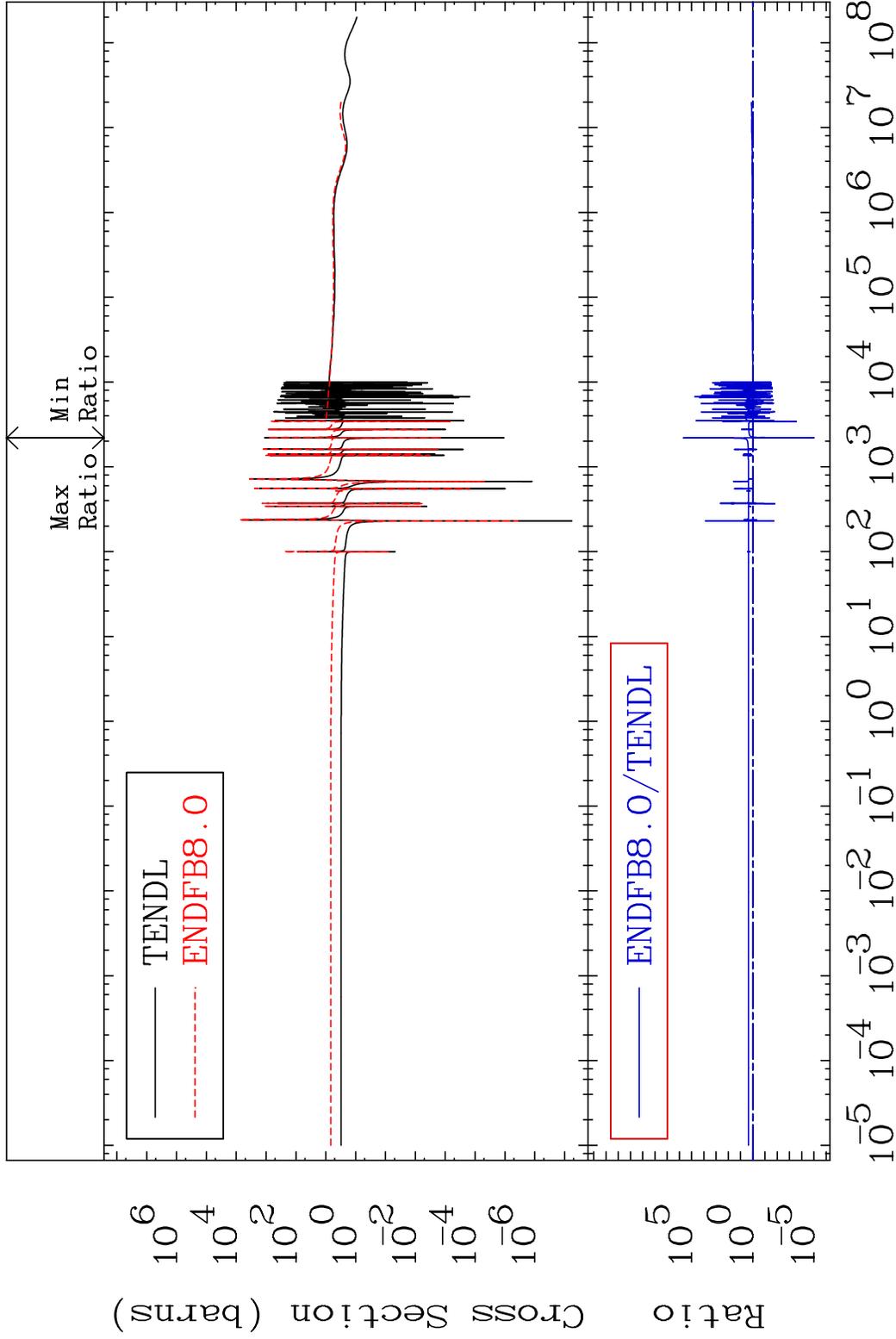
54-Xe-128

MAT 5437

Elastic

54-Xe-128

Cross Section -100.0 To 9999. %

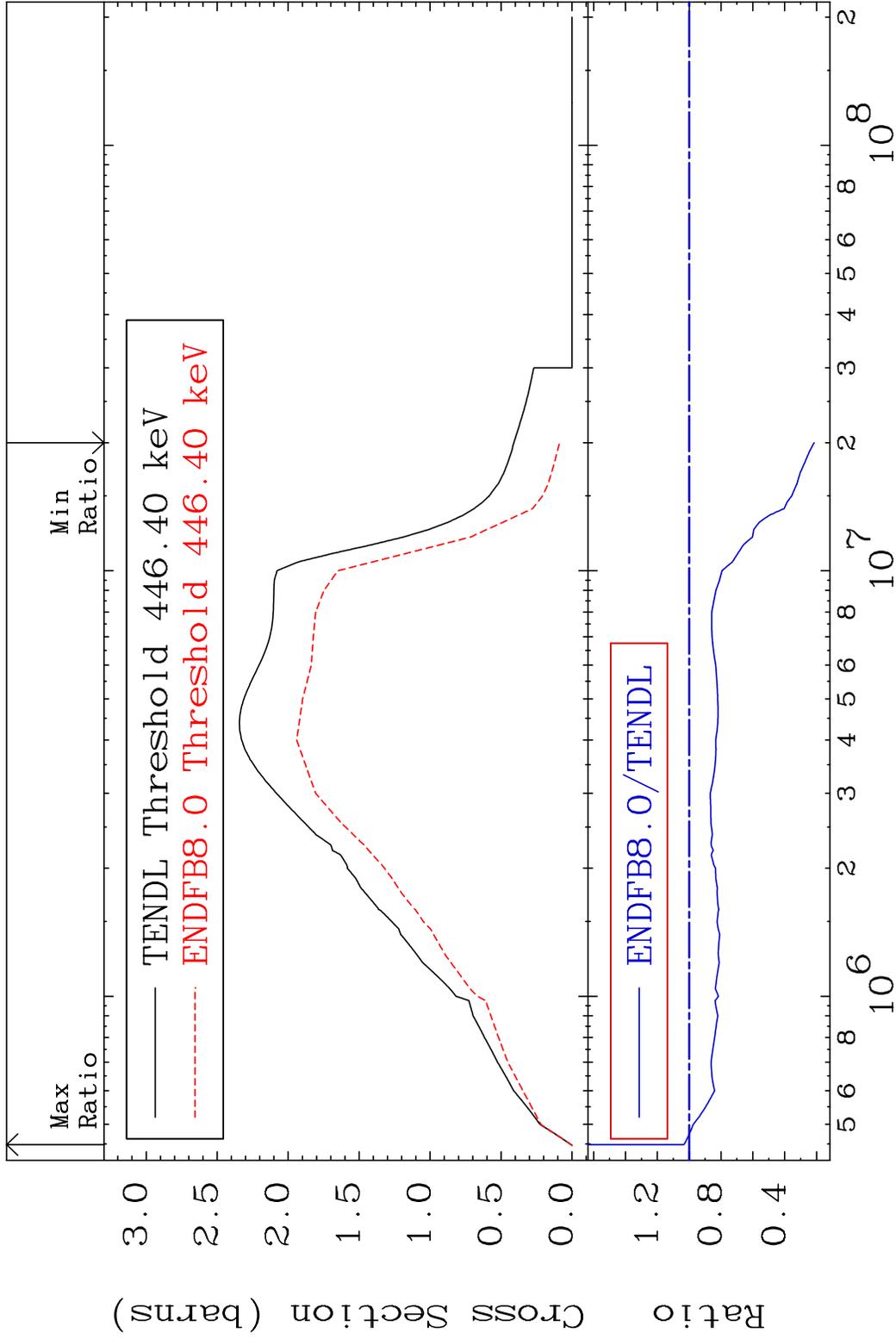


2

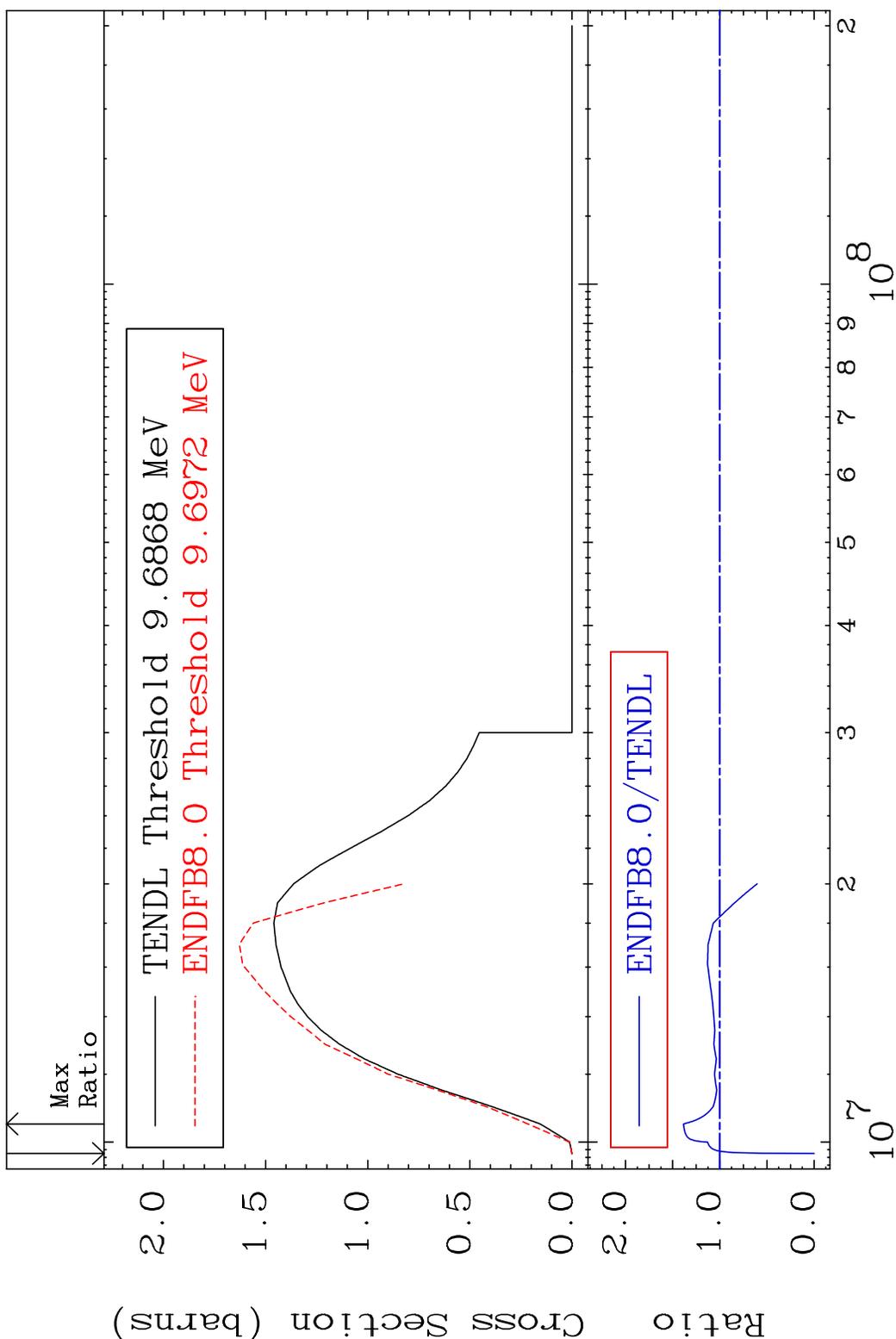
Incident Energy (eV)

54-Xe-128

MAT 5437 Inelastic 54-Xe-128
 Cross Section -78.45 To 3.544 %



MAT 5437 (n,2n) 54-Xe-128
 Cross Section -100.0 To 38.49 %



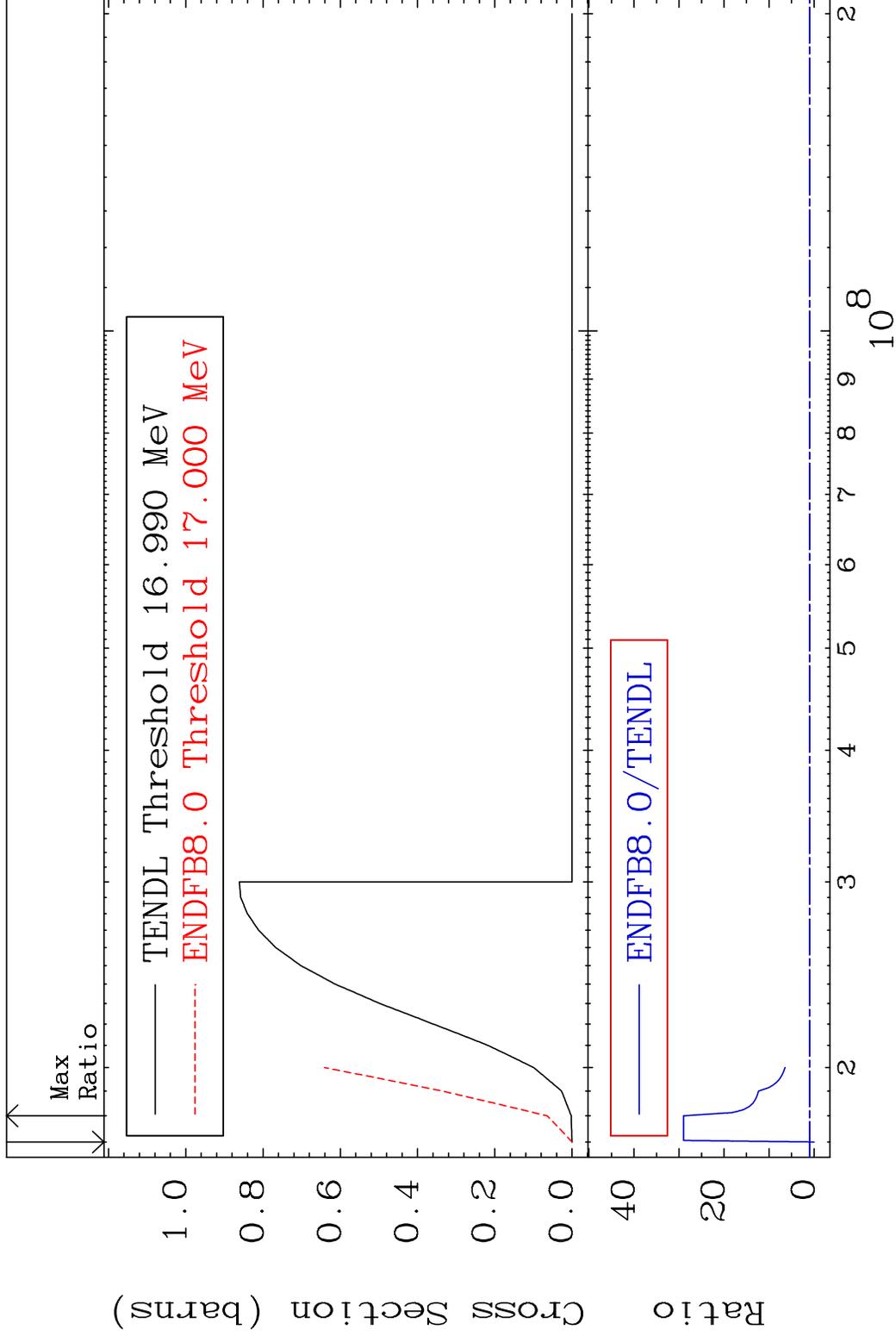
4 Incident Energy (eV) 54-Xe-128

MAT 5437

(n,3n)

54-Xe-128

Cross Section -100.0 To 2800. %

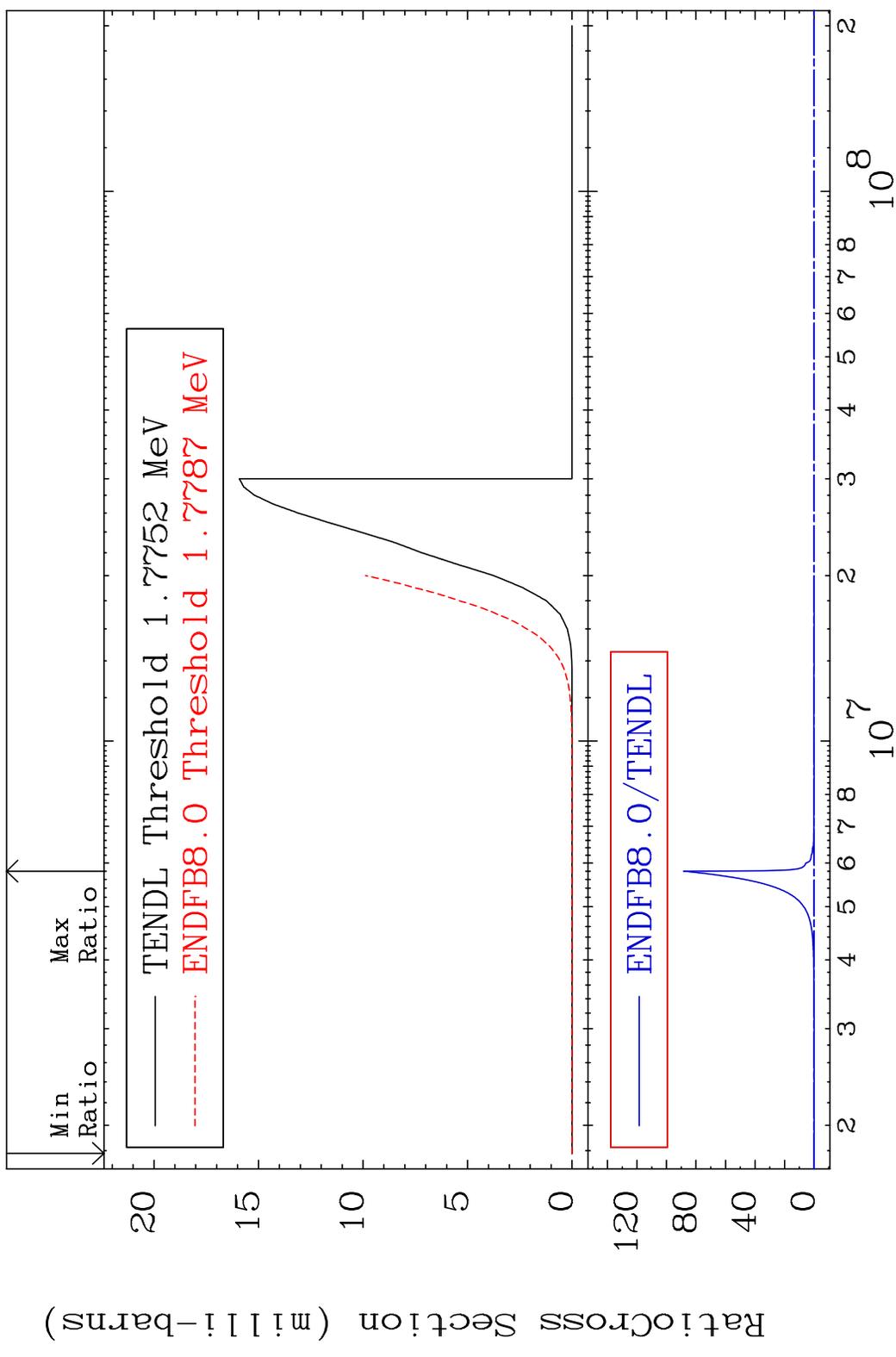


5

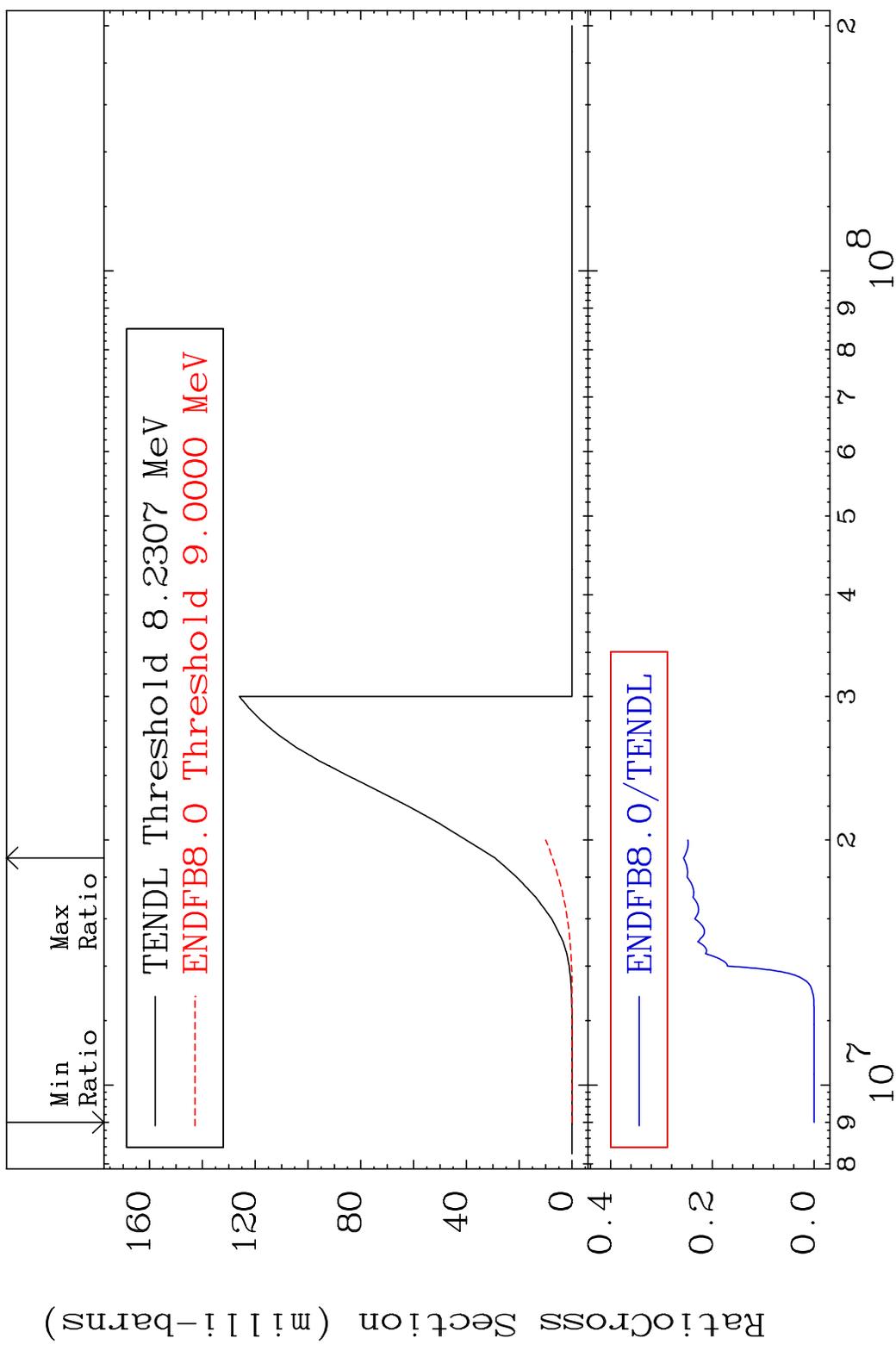
Incident Energy (eV)

54-Xe-128

MAT 5437 (n, n') α 54-Xe-128
 Cross Section -100.0 To 9999. %

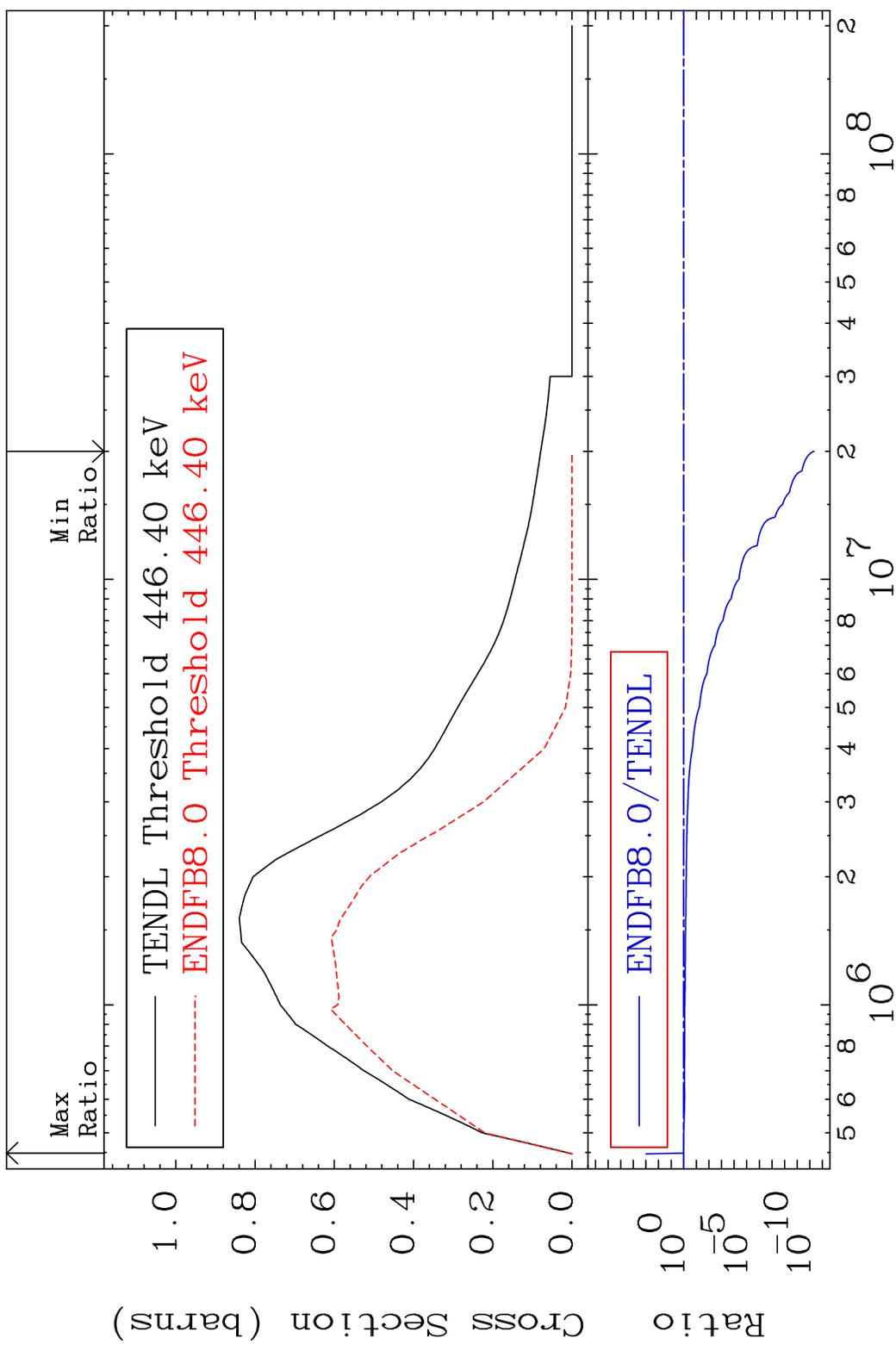


MAT 5437 (n, n') p 54-Xe-128
 Cross Section -100.0 To -74.32%



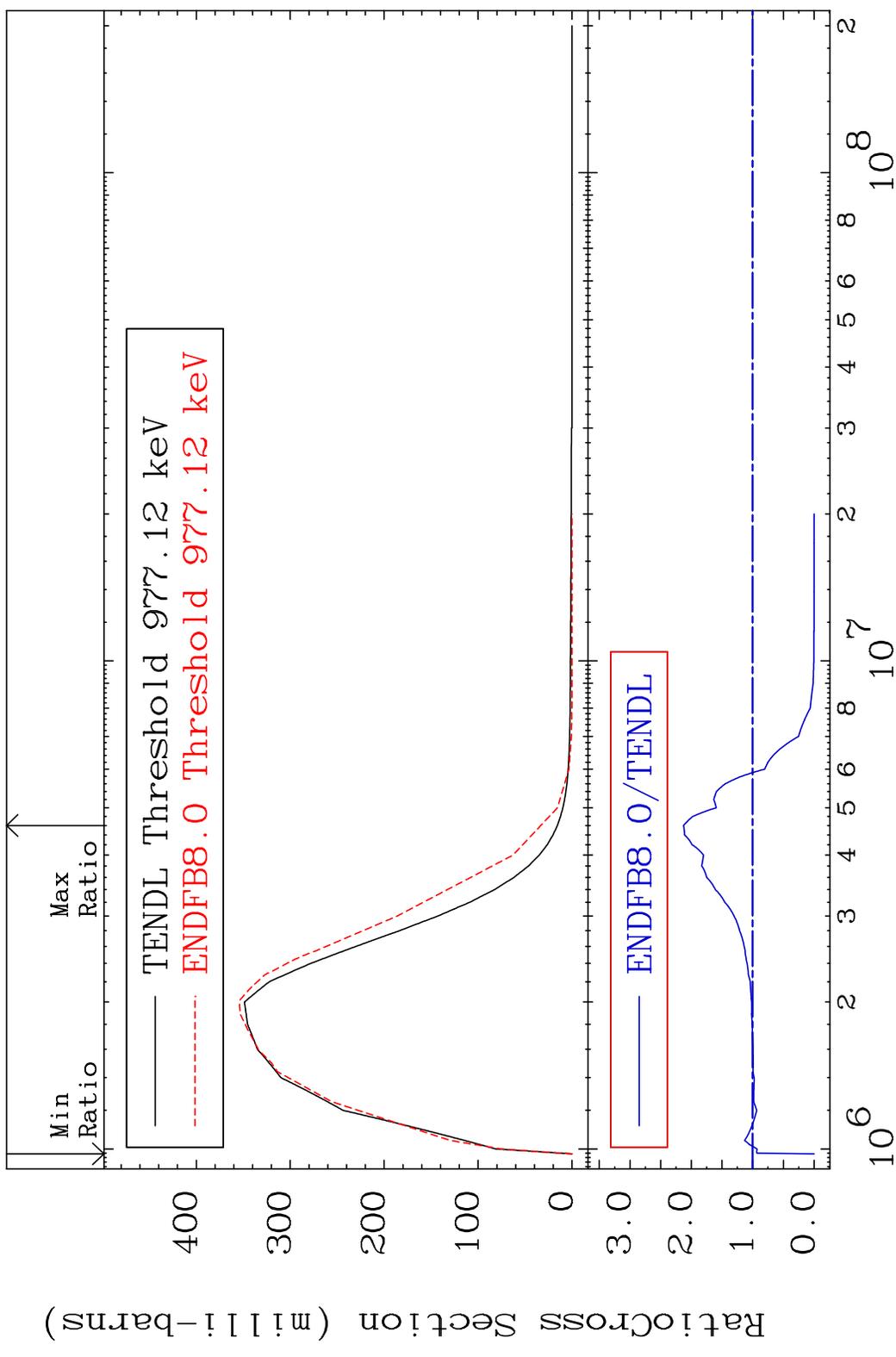
7 54-Xe-128

MAT 5437 MT= 51 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 3.544 %



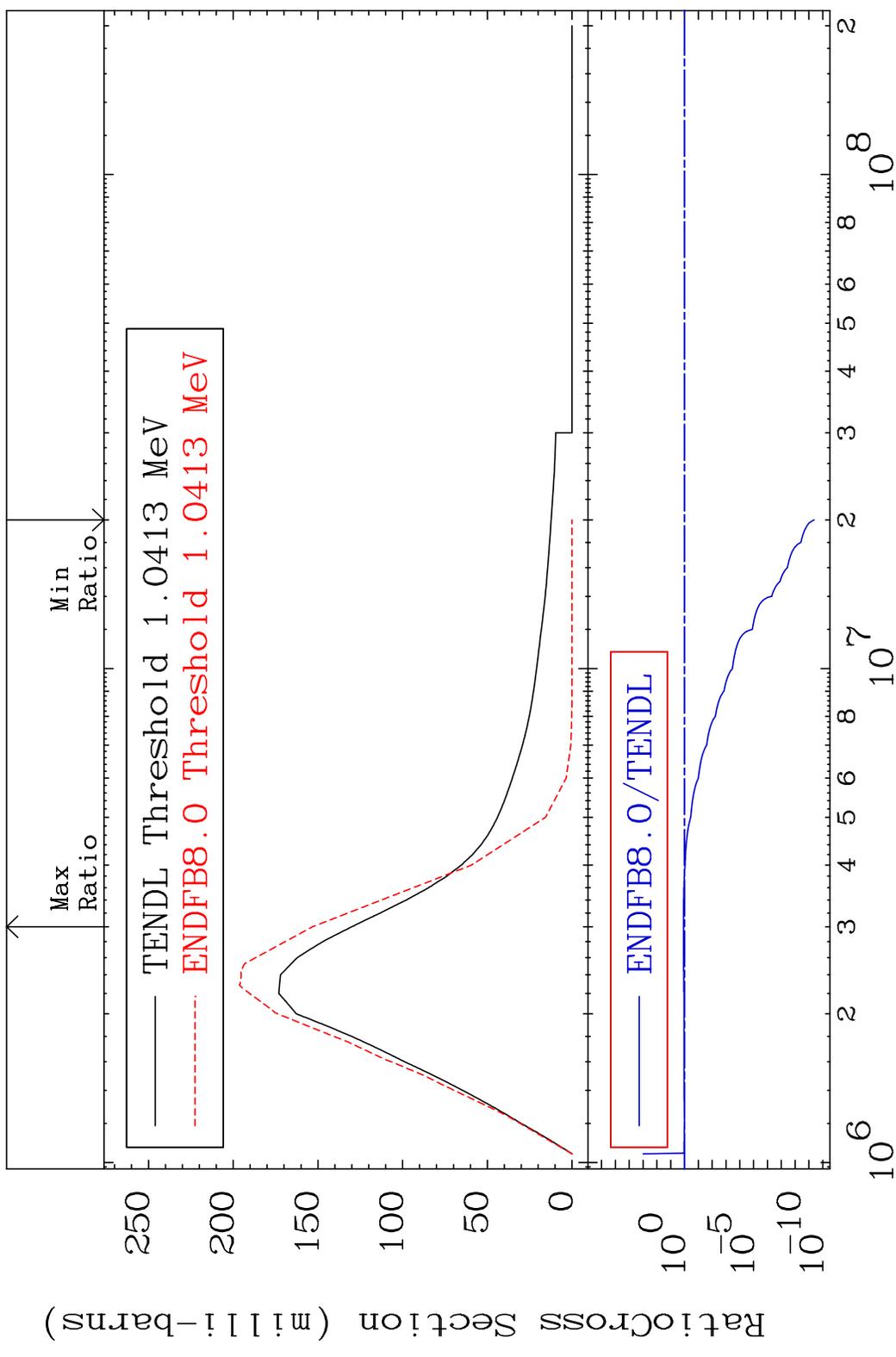
8 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 52 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 112.7 %



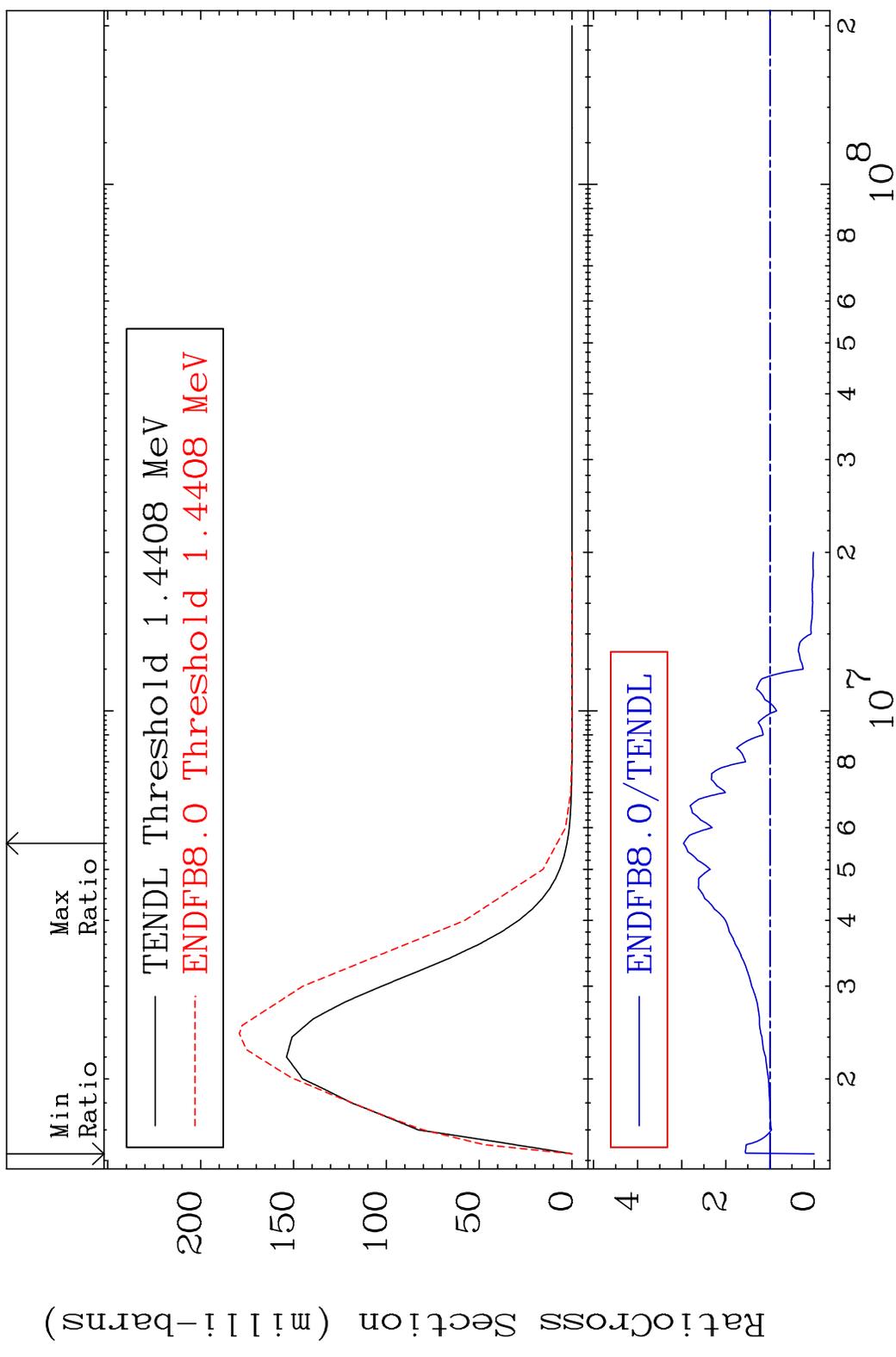
9 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 53 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 17.85 %



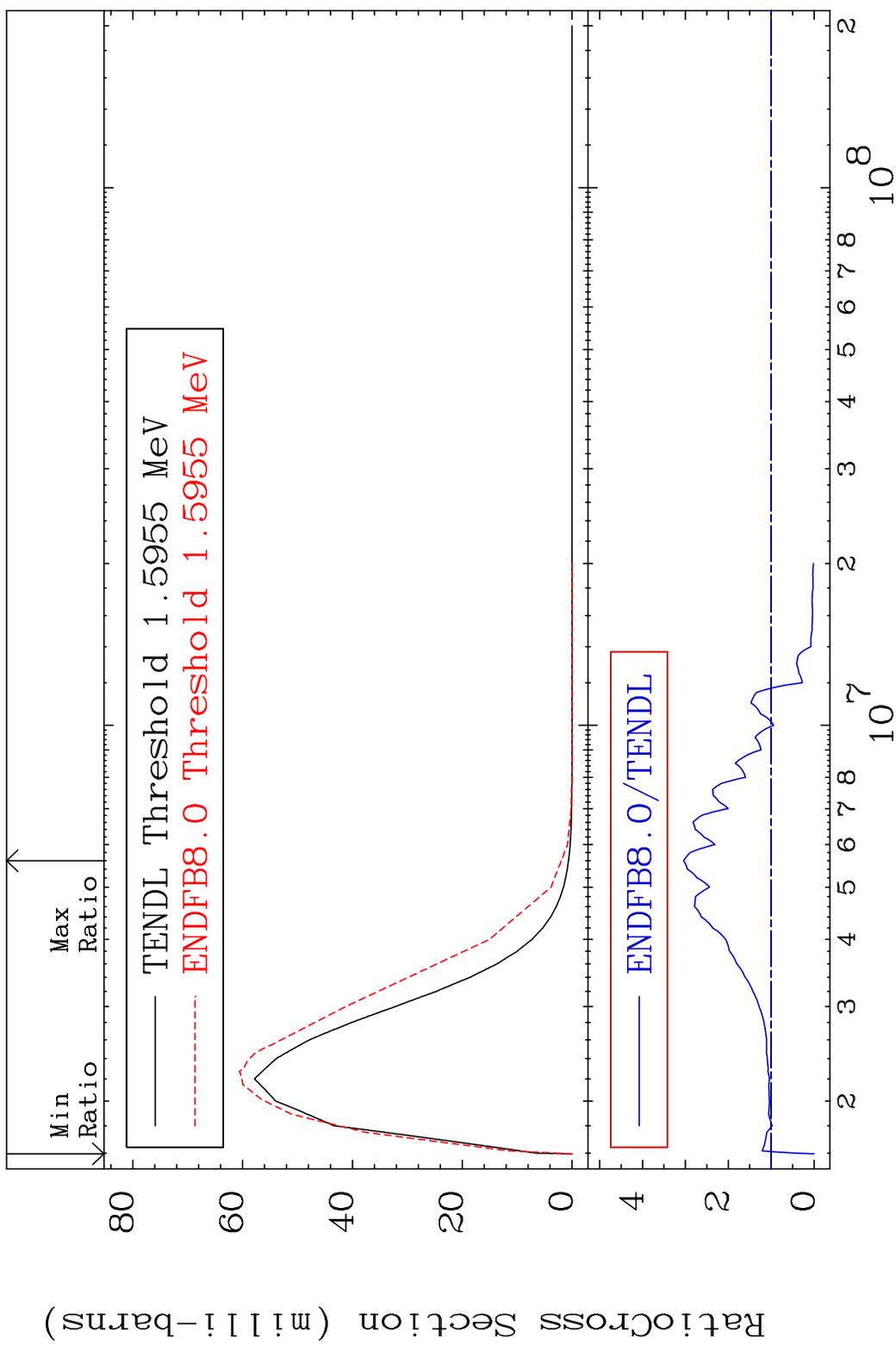
10 54-Xe-128

MAT 5437 MT= 54 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 196.0 %



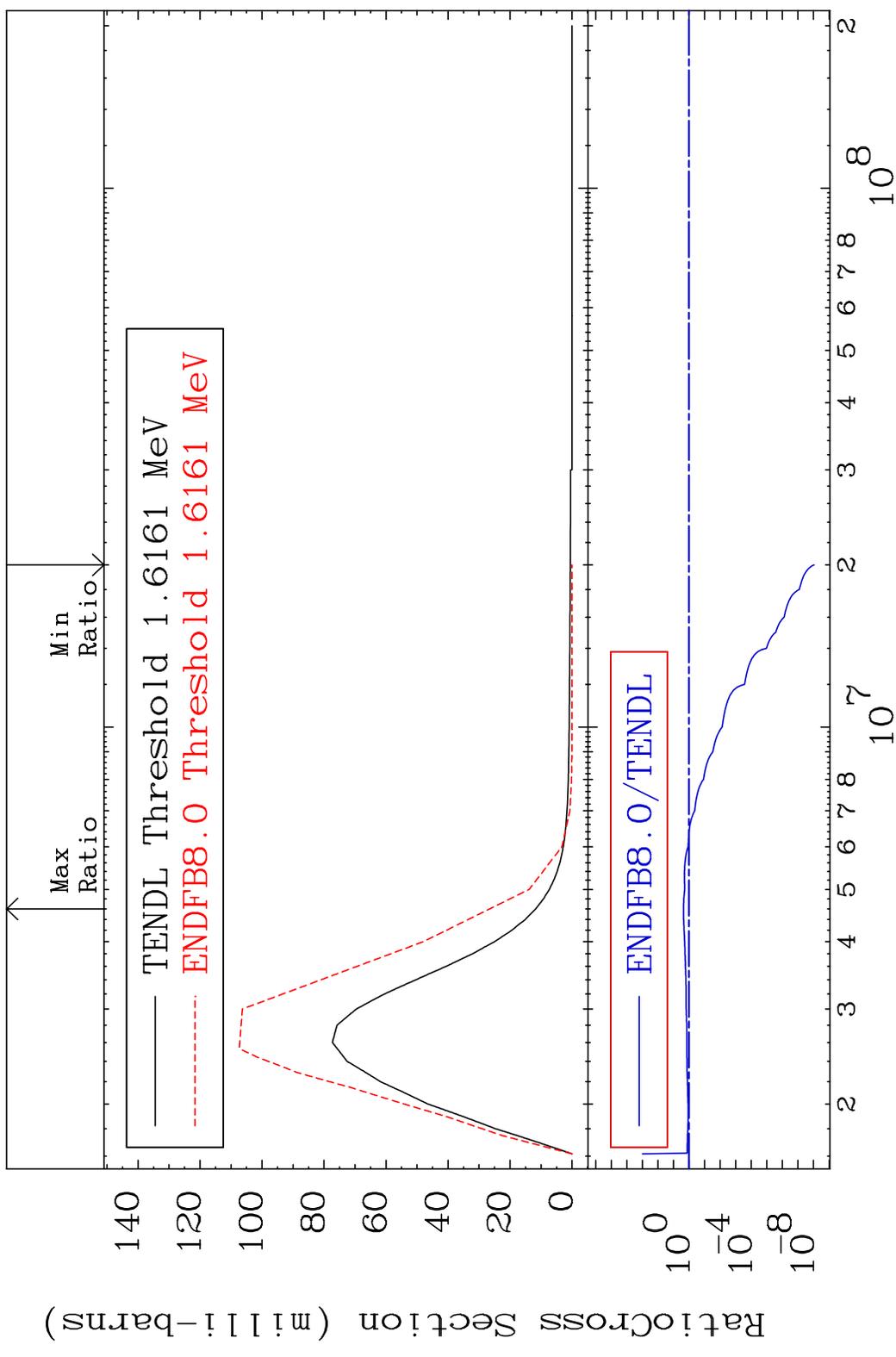
11 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 55 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 204.4 %



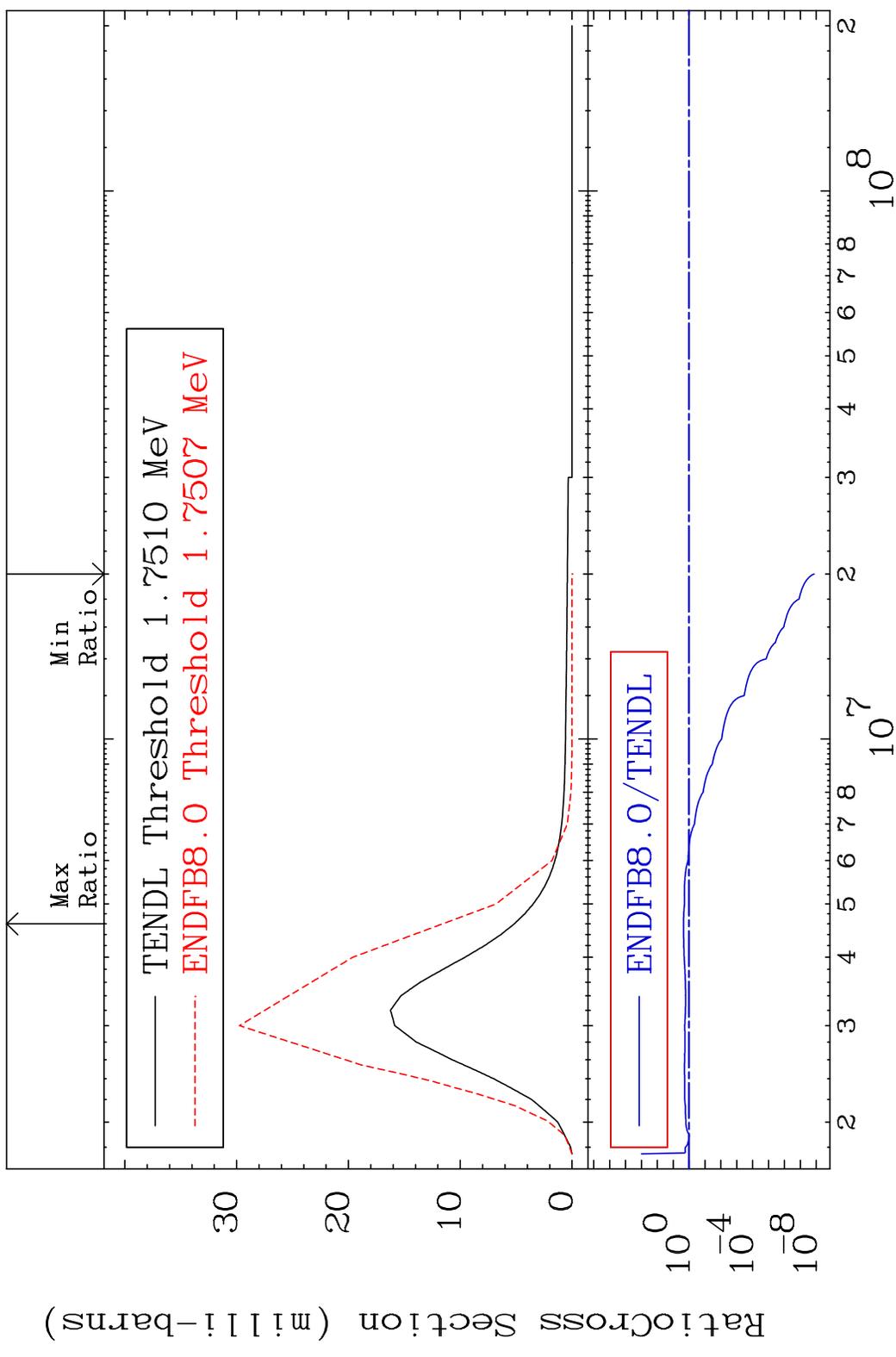
12 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 56 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 126.4 %



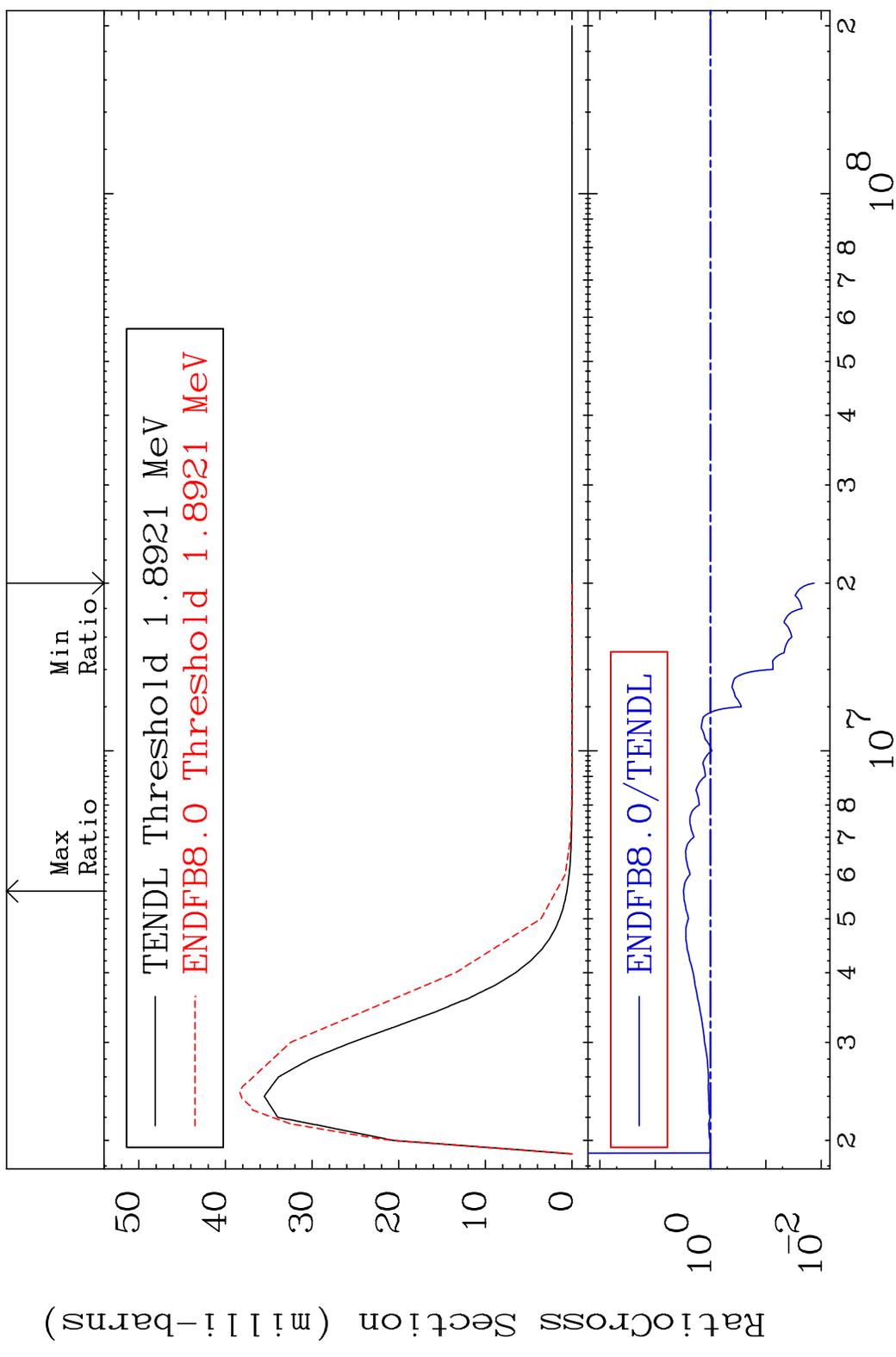
13 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 57 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 124.2 %



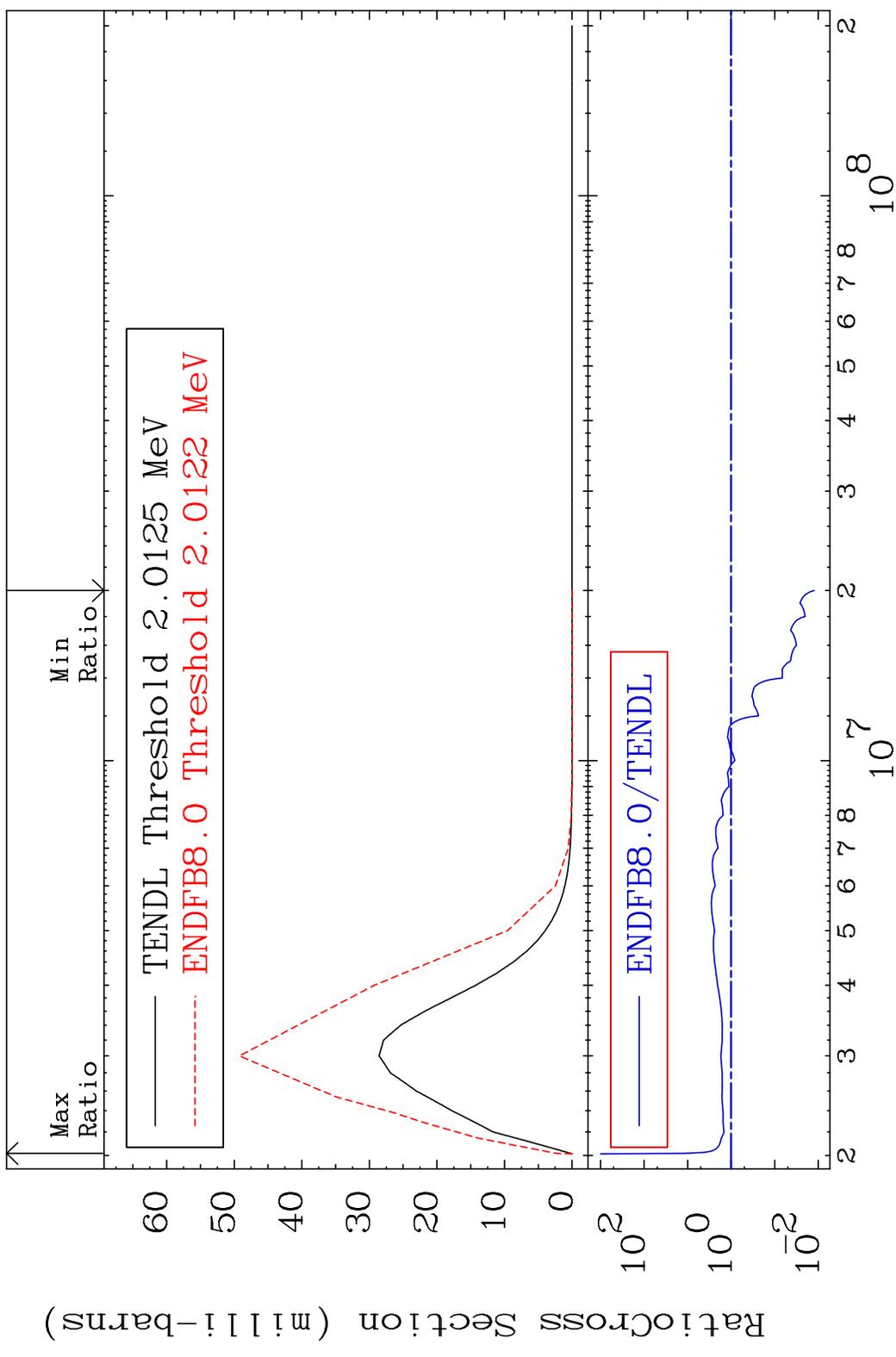
14 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 58 (n, n') Level 54-Xe-128
 Cross Section -98.65 To 207.5 %



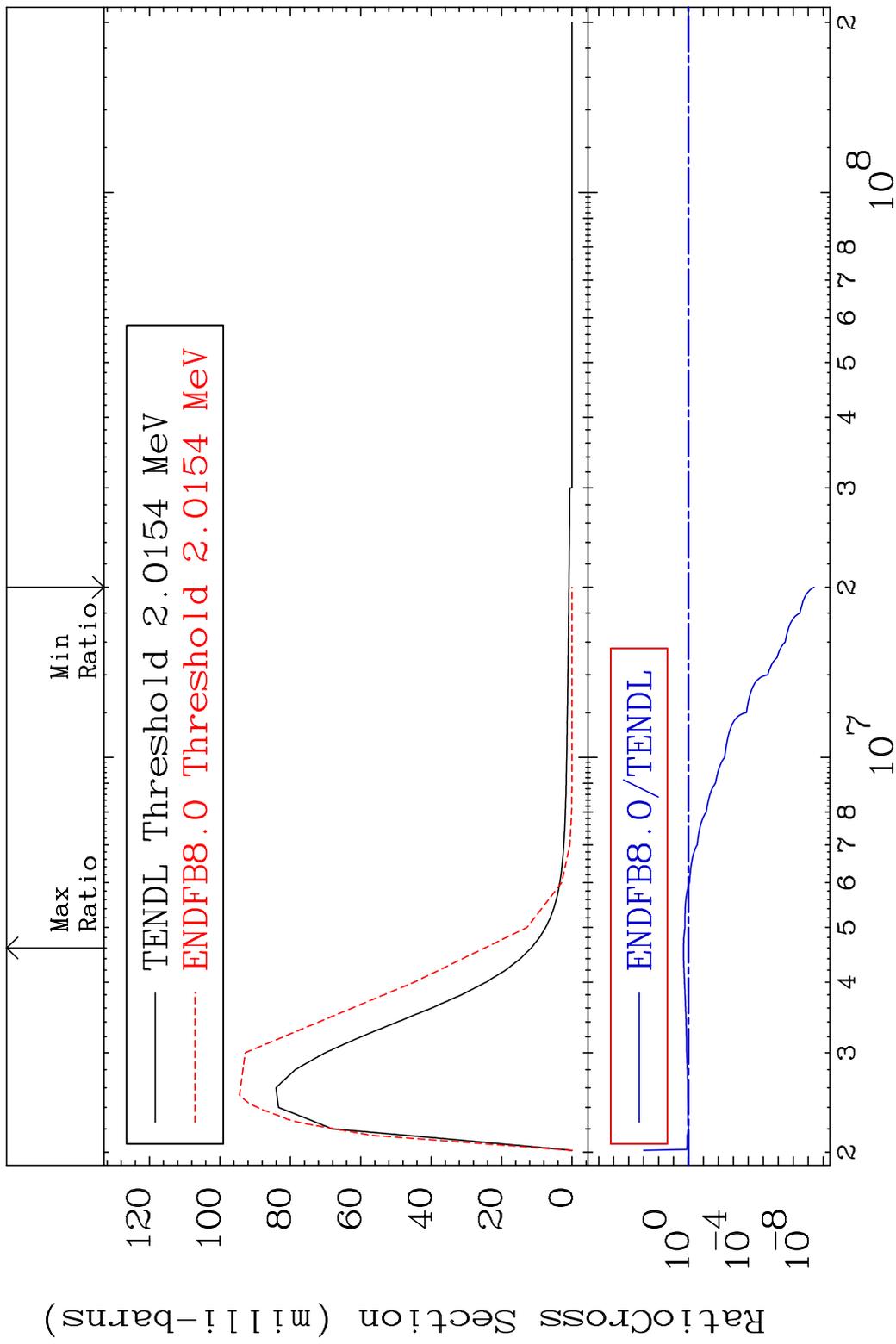
15 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 59 (n, n') Level 54-Xe-128
 Cross Section -98.75 To 1142. %



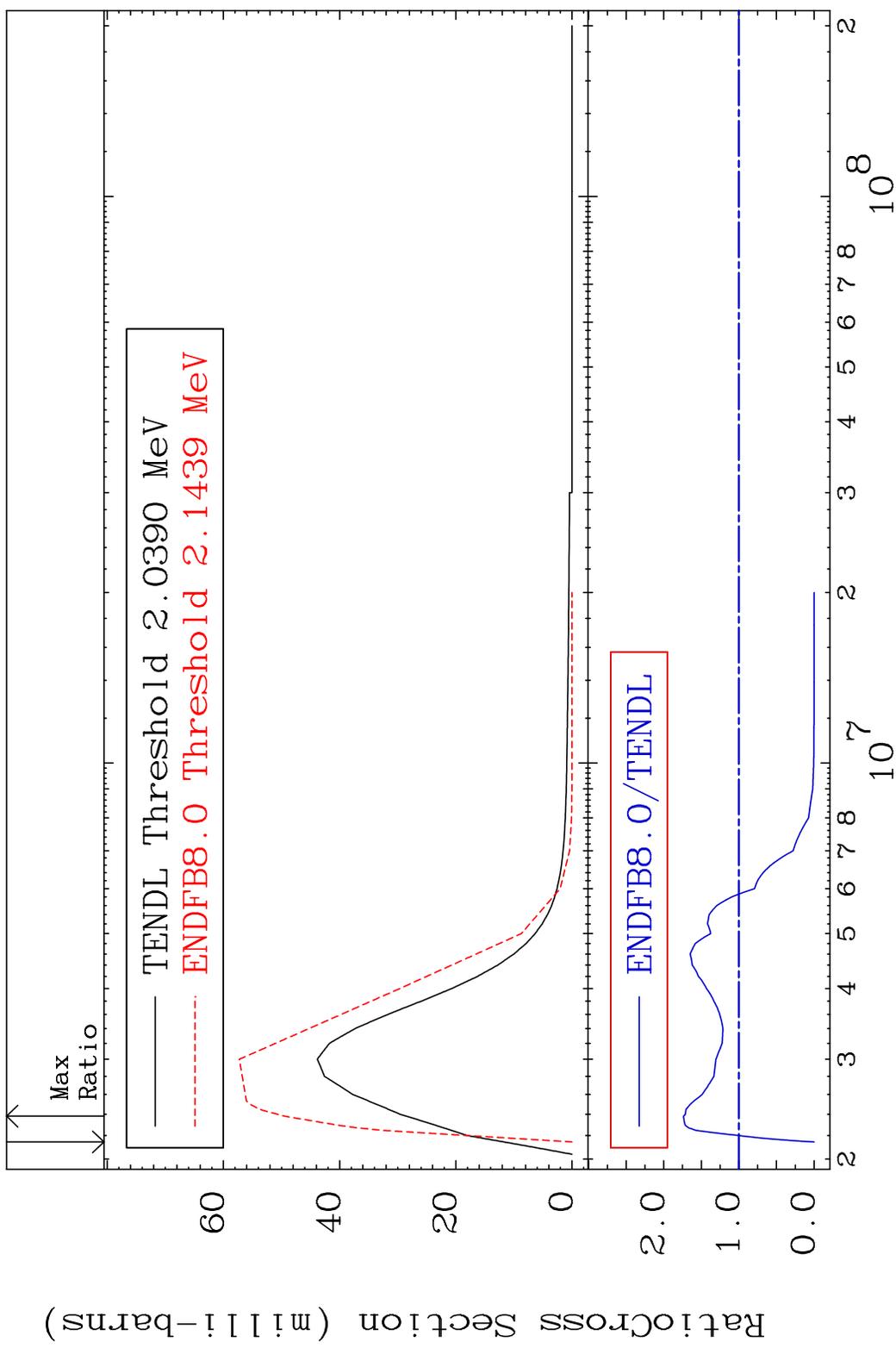
16 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 60 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 114.1 %



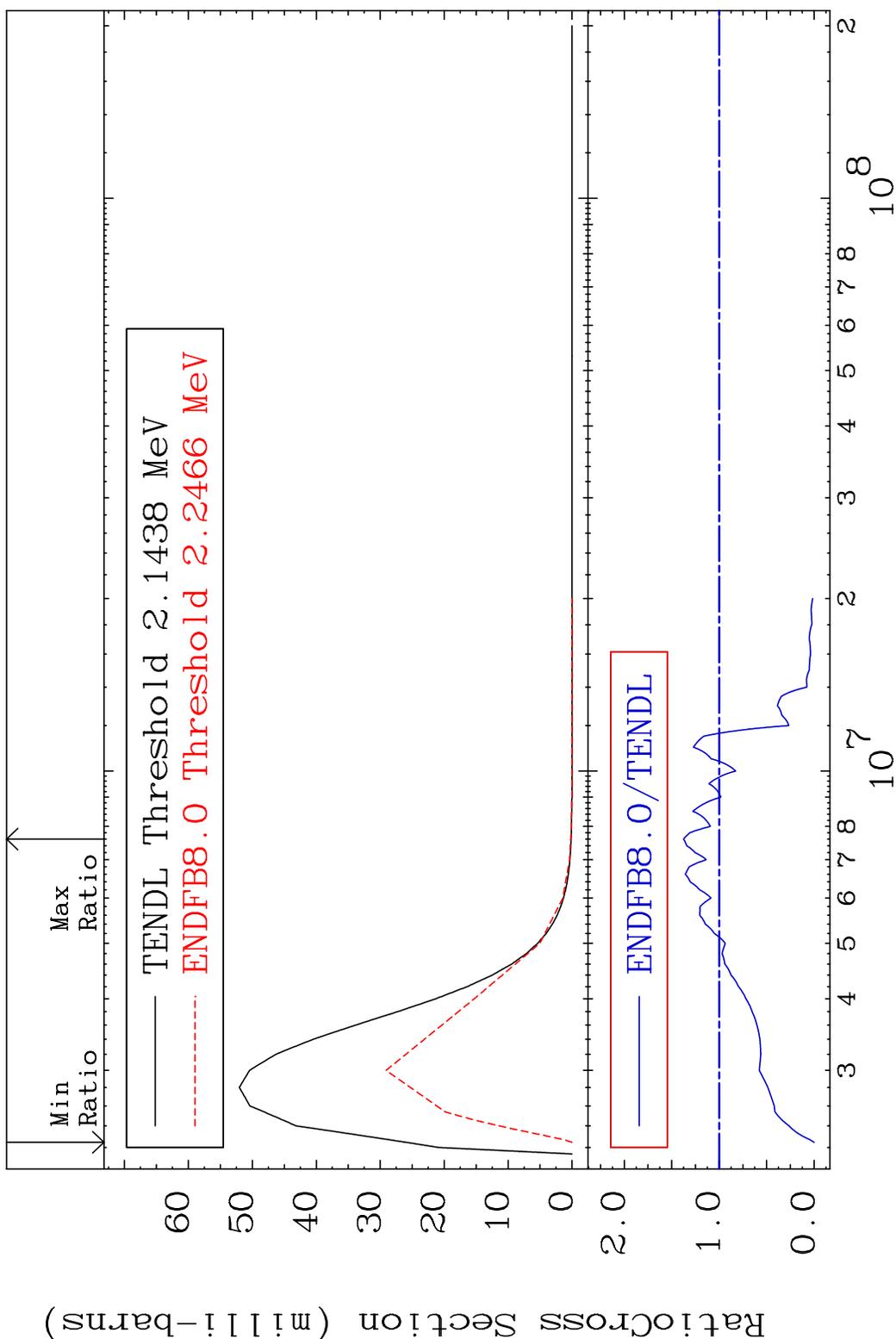
17 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 61 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 73.67 %



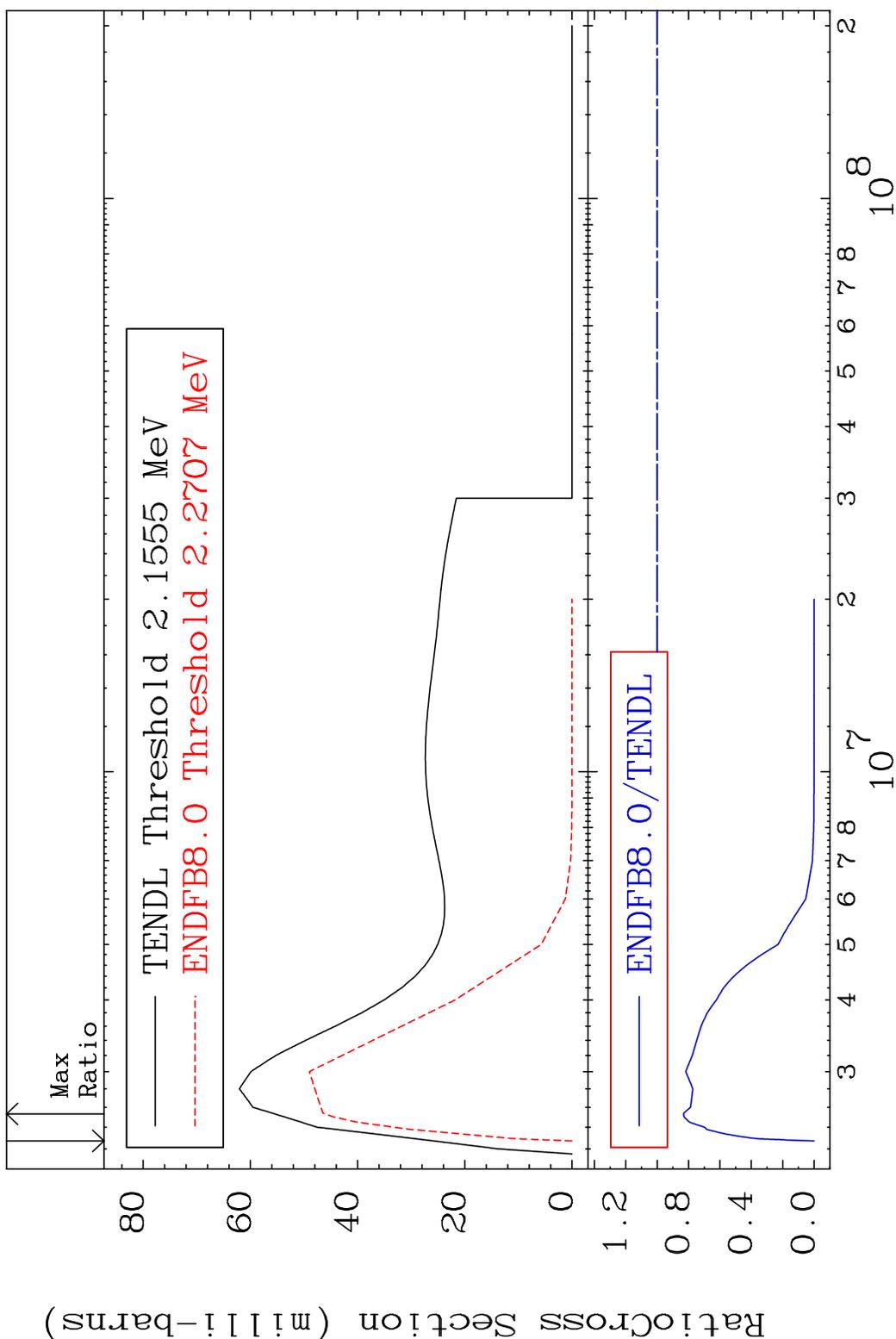
18 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 62 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 37.56 %



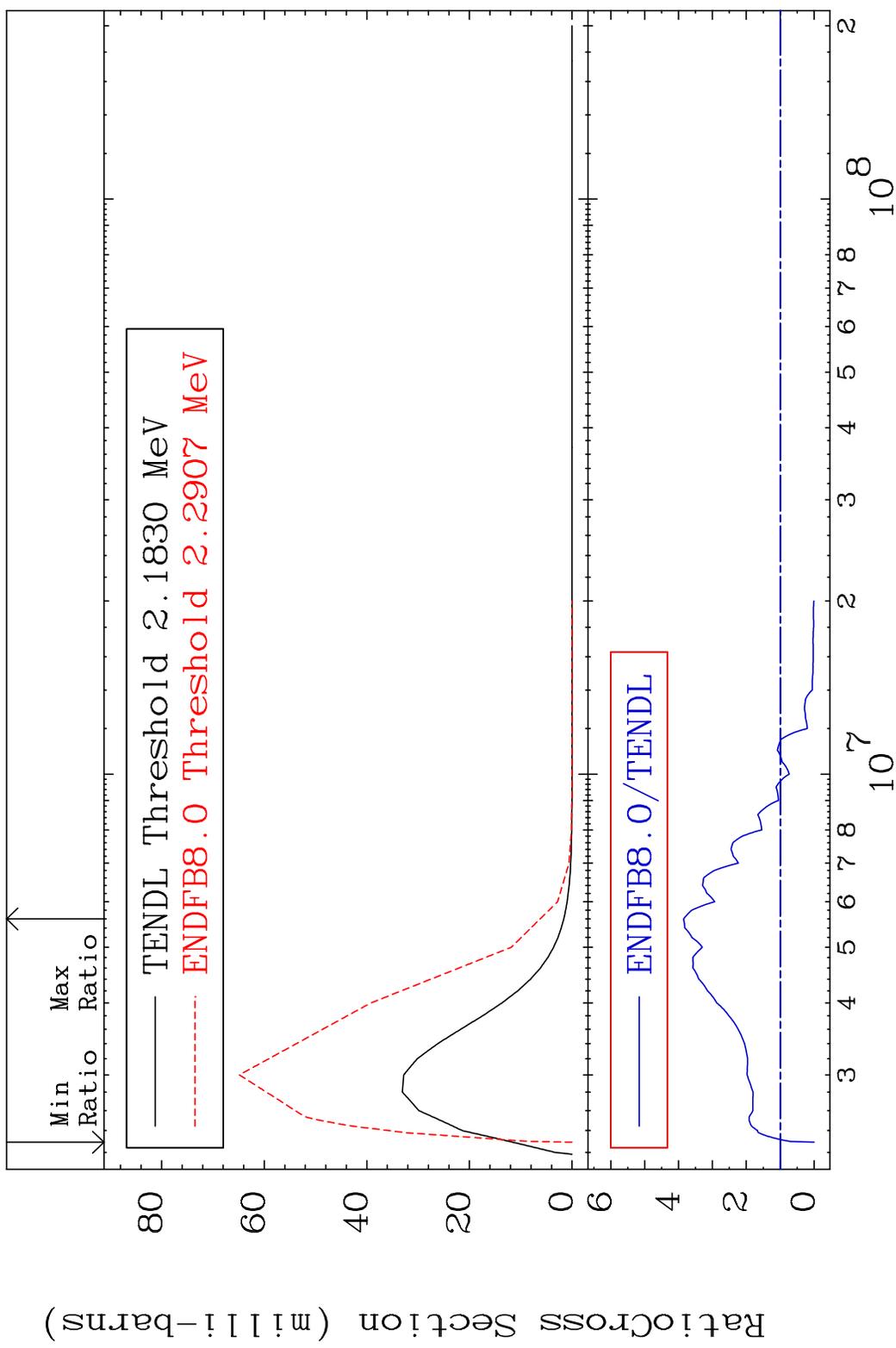
19 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 63 (n, n') Level 54-Xe-128
 Cross Section -100.0 To -16.78%



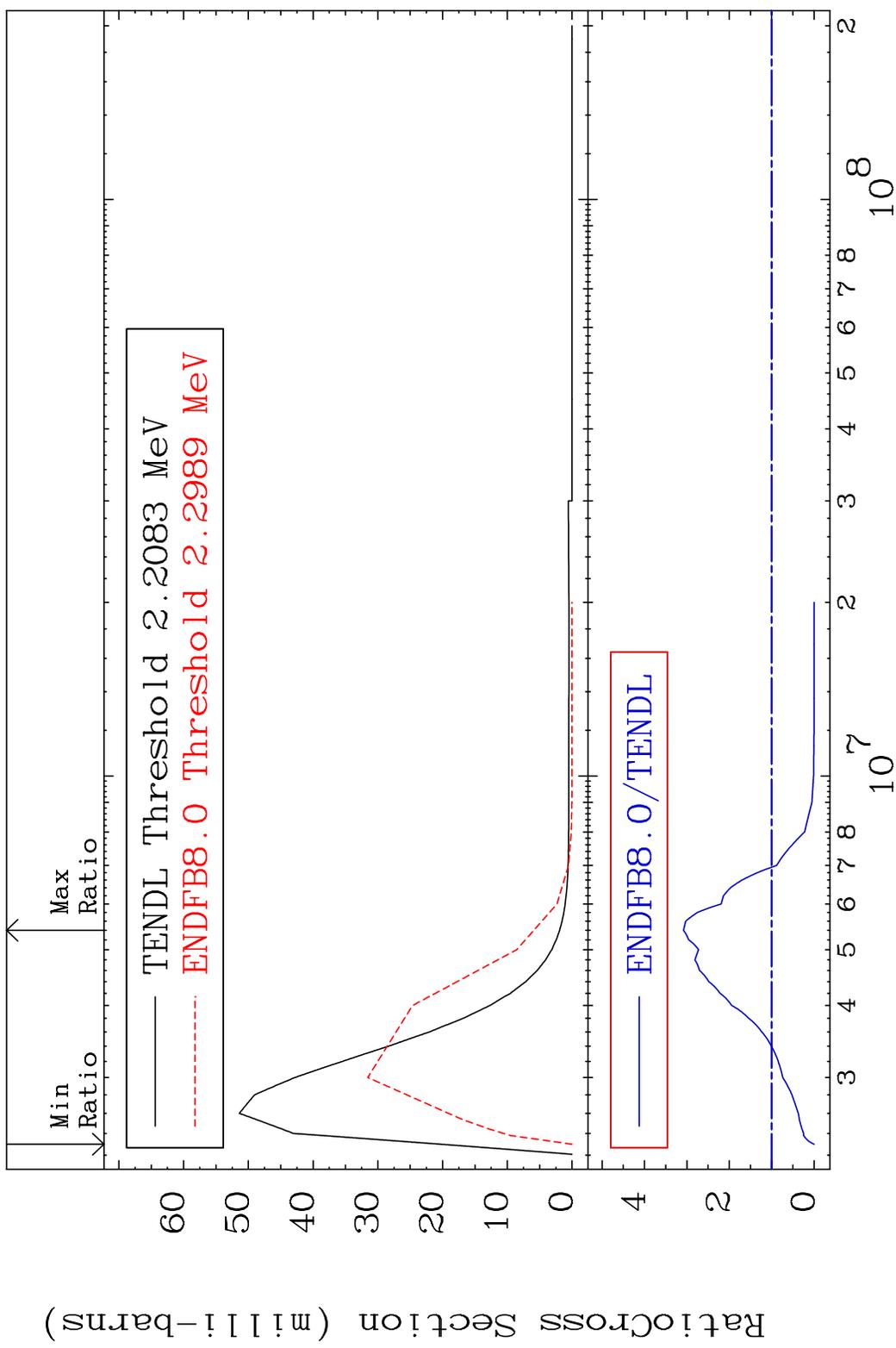
20 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 64 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 285.3 %



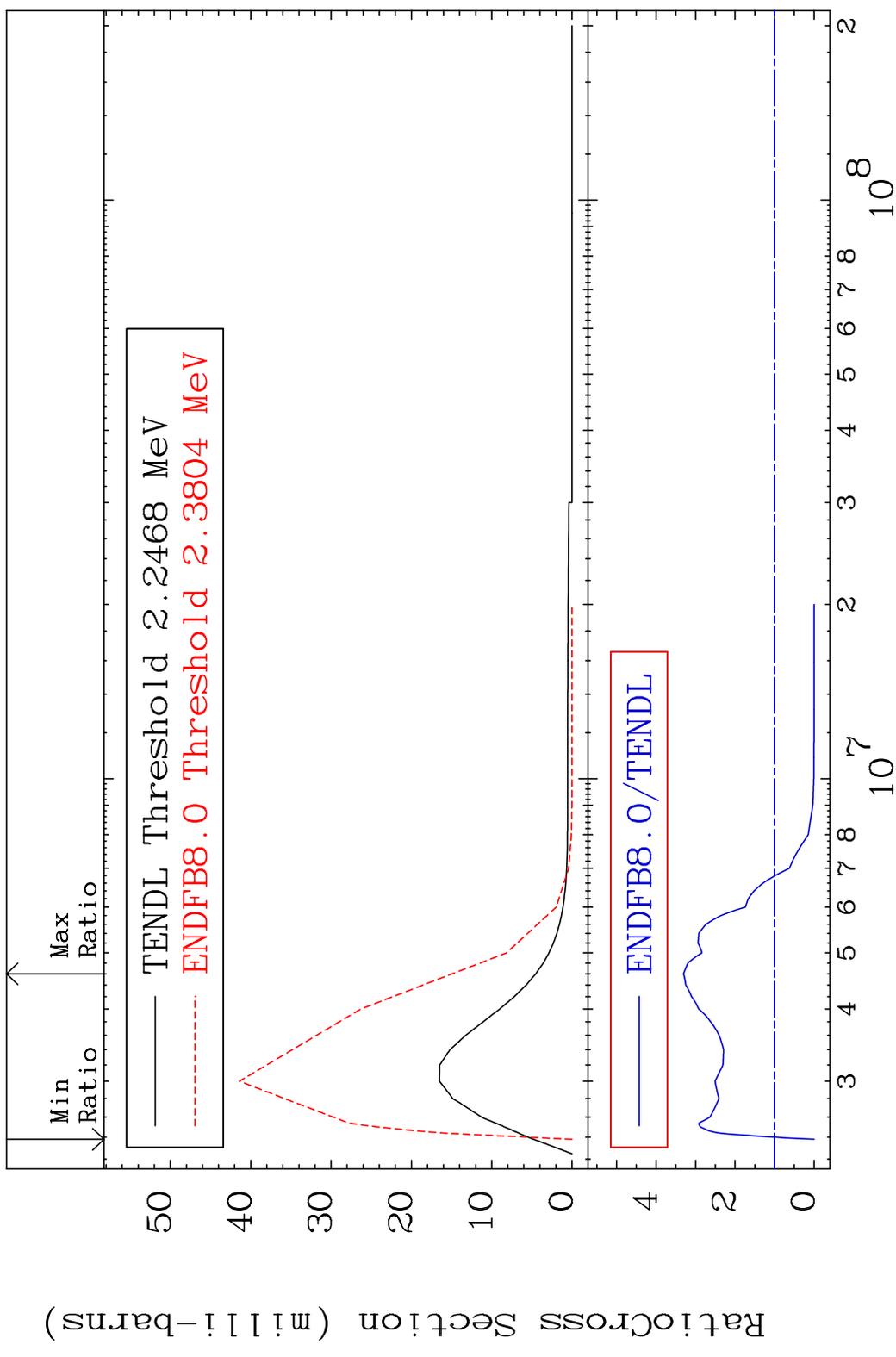
21 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 65 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 208.0 %

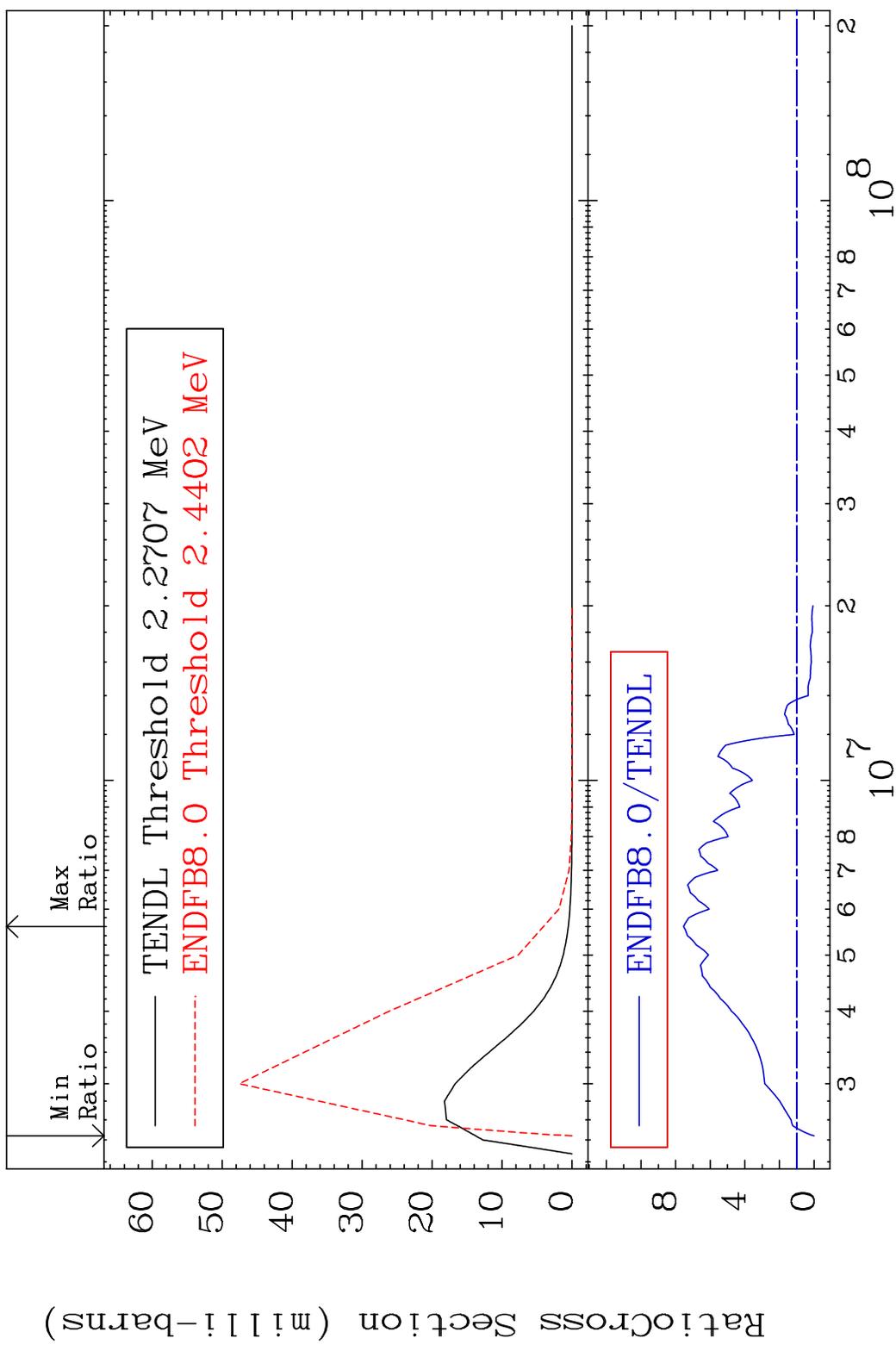


22 Incident Energy (eV) 54-Xe-128

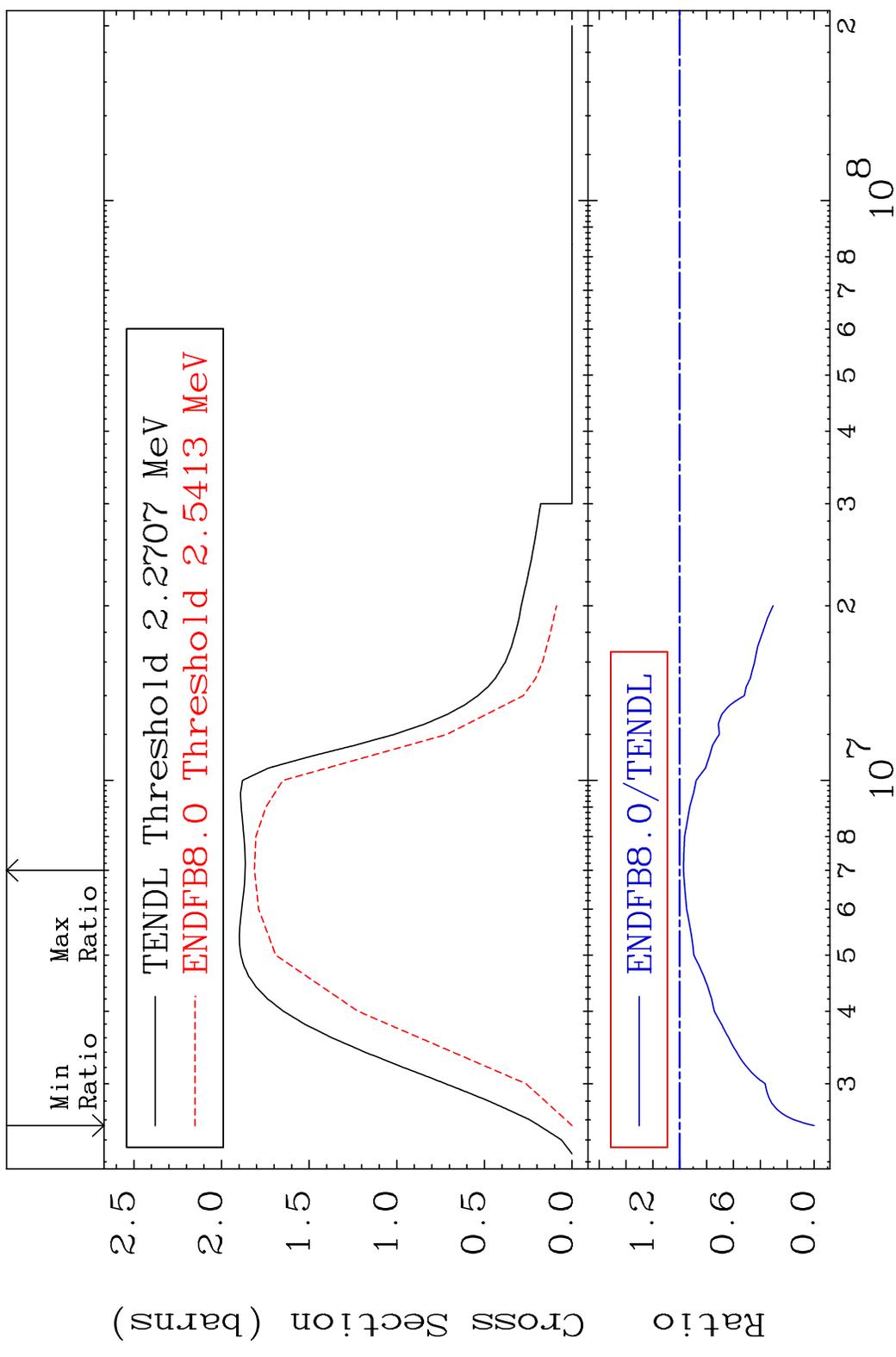
MAT 5437 MT= 66 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 230.5 %



MAT 5437 MT= 67 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 654.2 %



MAT 5437 (n, n') Continuum 54-Xe-128
 Cross Section -100.0 To -2.837%

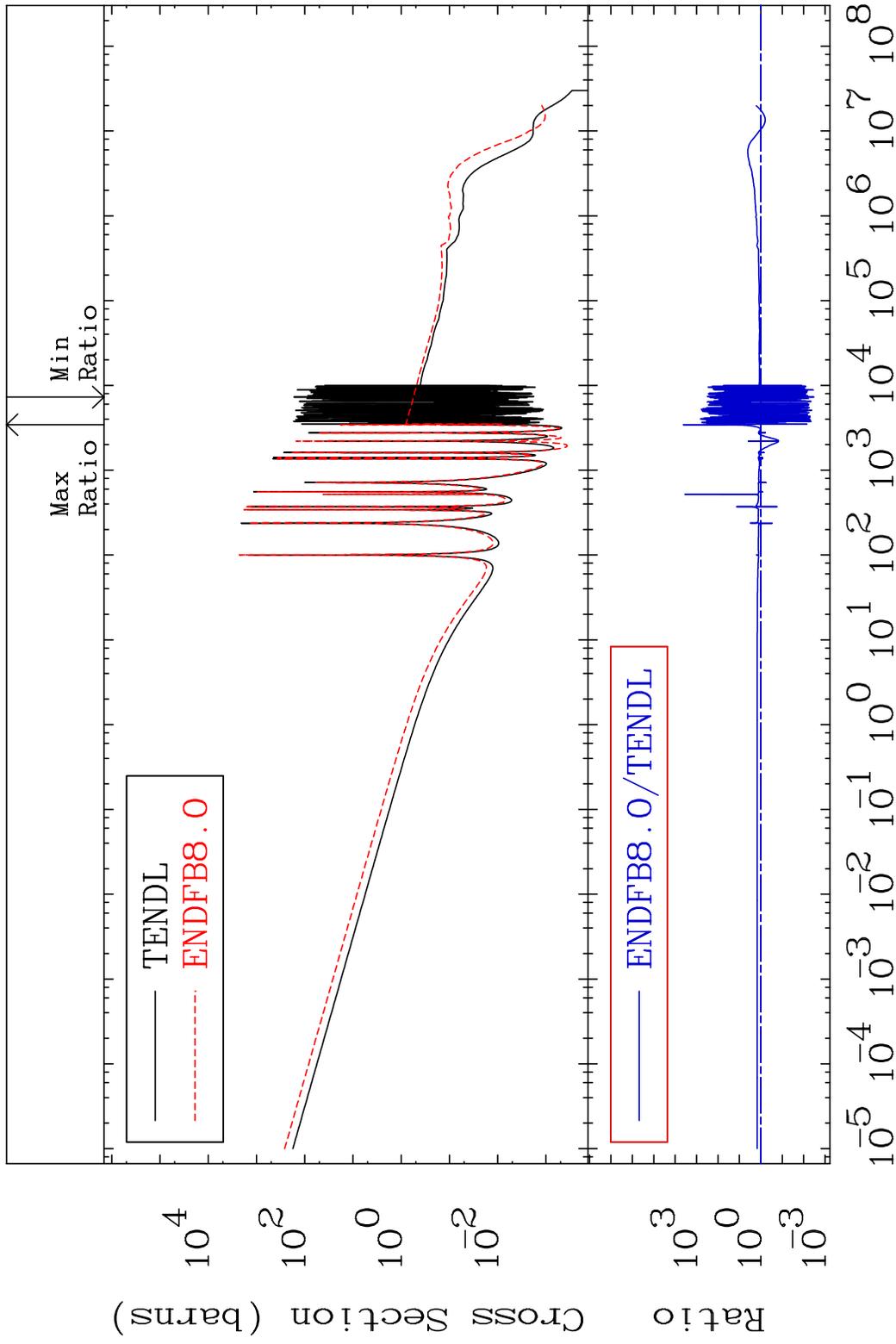


MAT 5437

(n, γ)

54-Xe-128

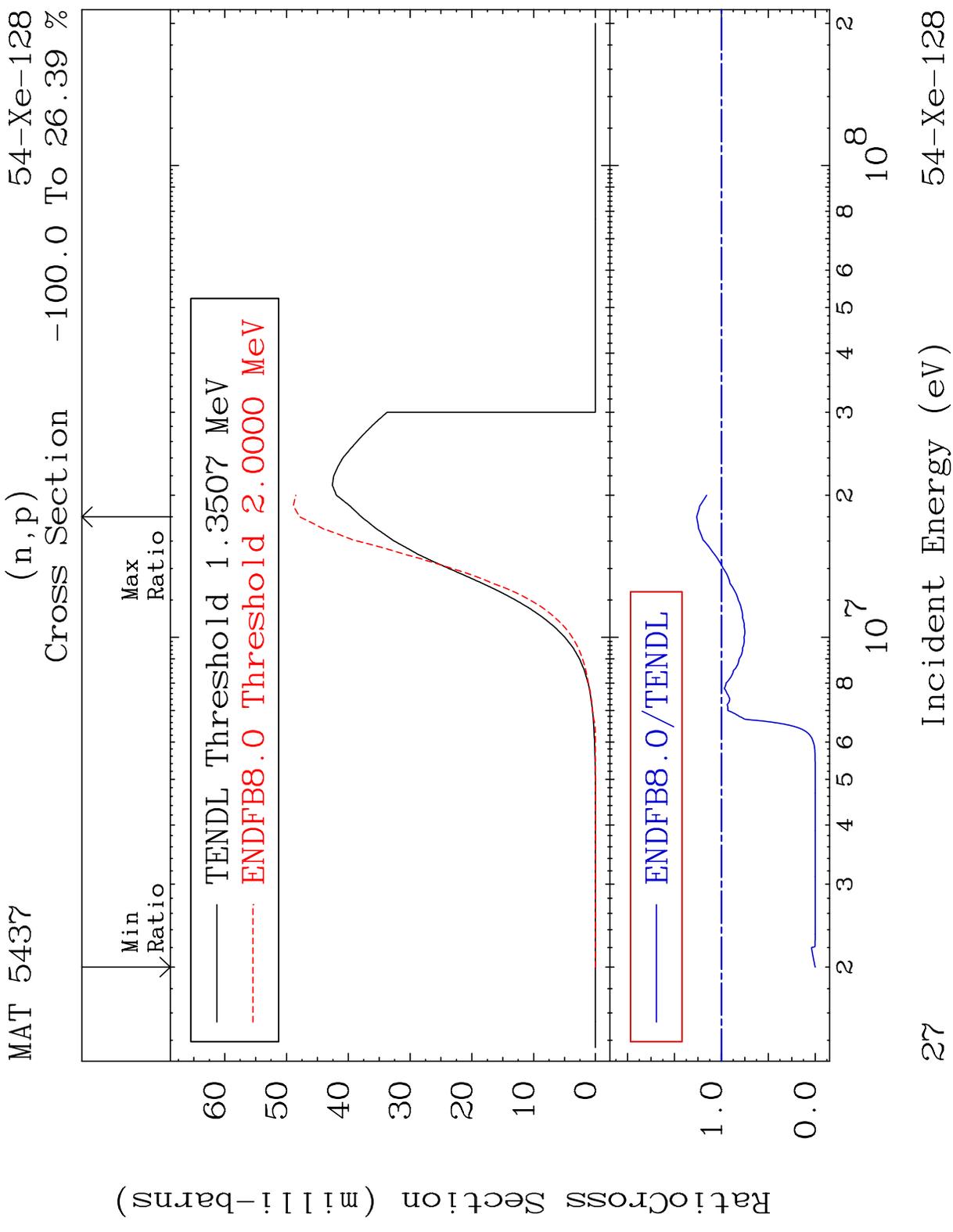
Cross Section -99.67 To 9999. %



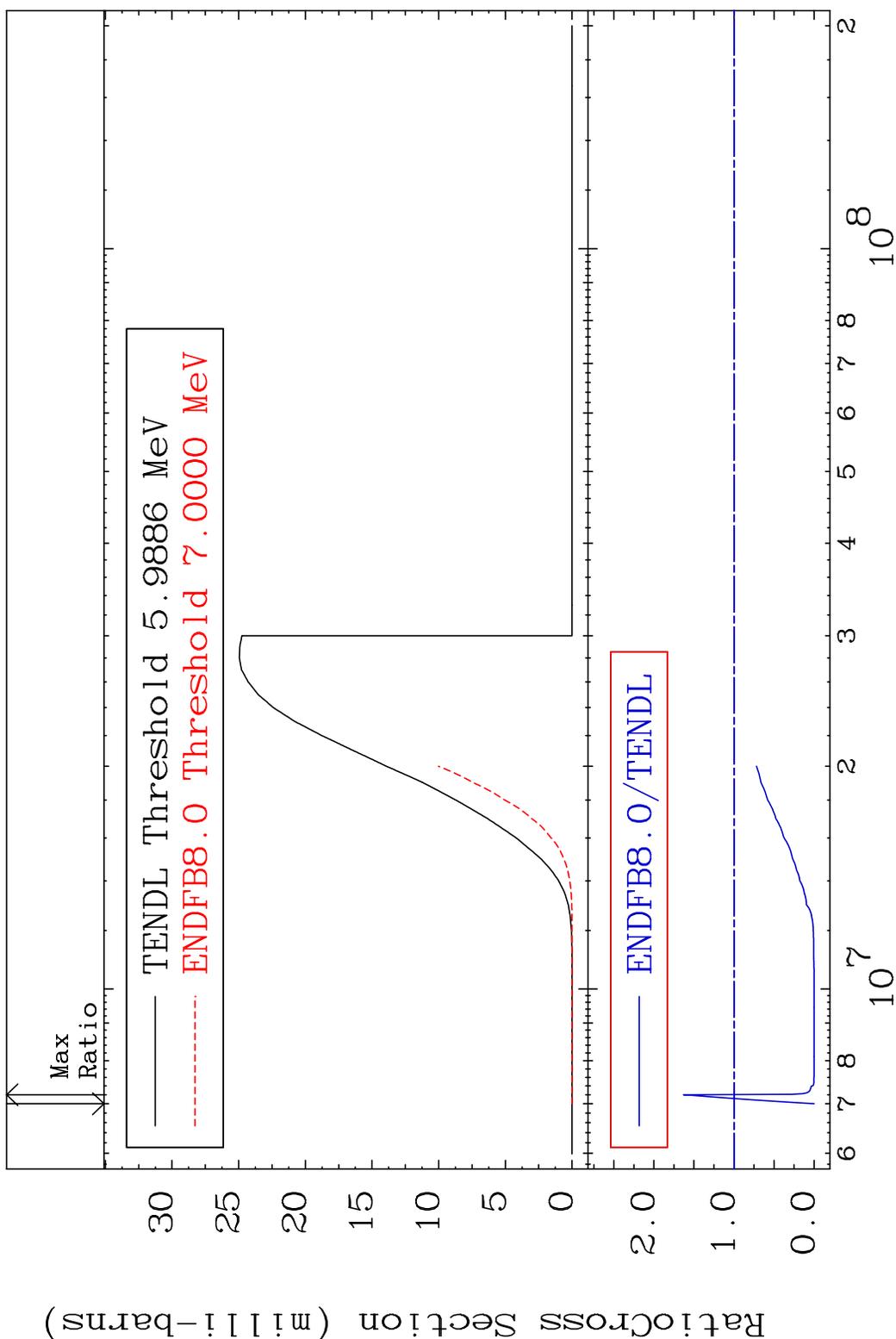
26

Incident Energy (eV)

54-Xe-128

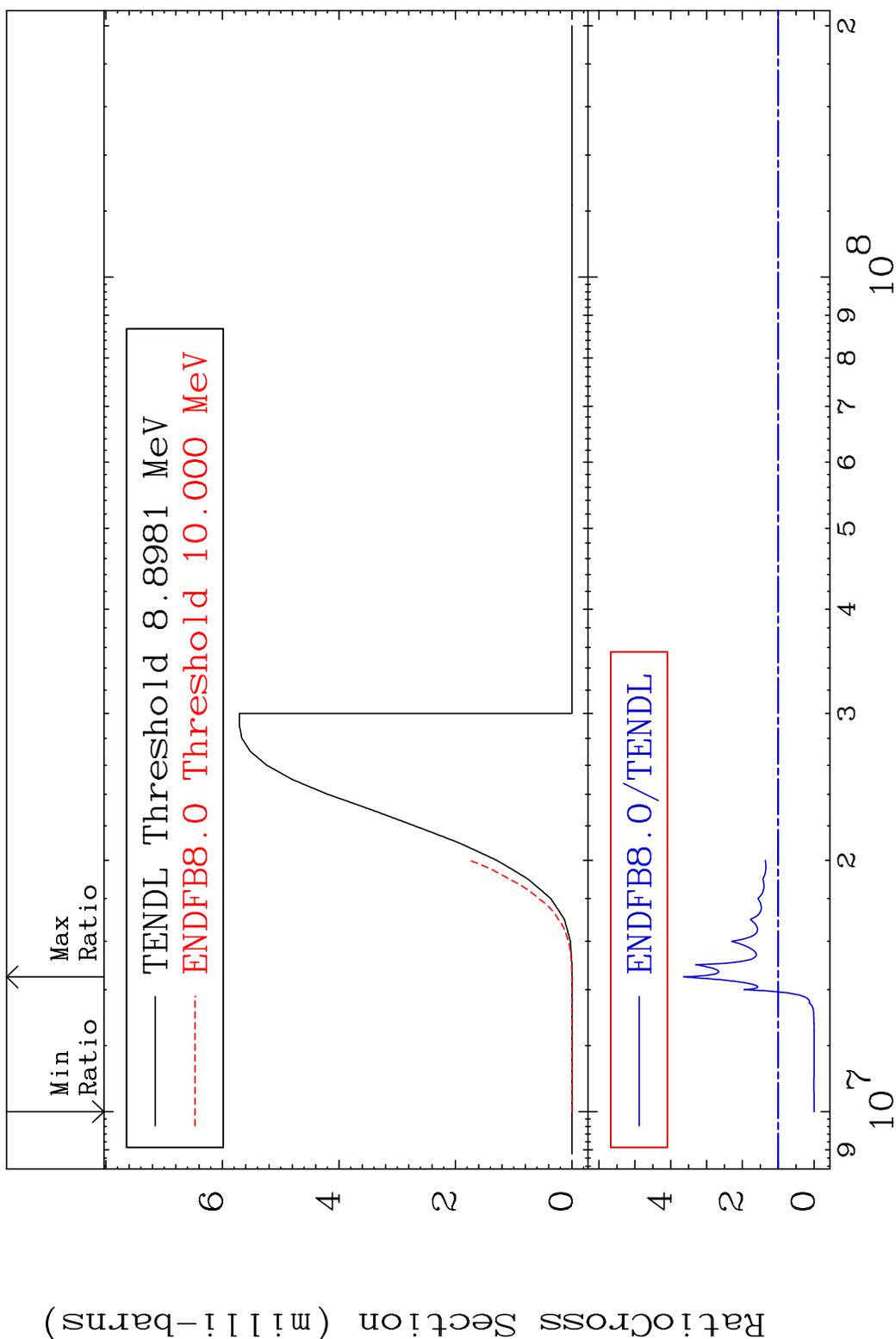


MAT 5437 (n, d) 54-Xe-128
 Cross Section -100.0 To 63.02 %



28 Incident Energy (eV) 54-Xe-128

MAT 5437 (n, t) 54-Xe-128
 Cross Section -100.0 To 264.3 %



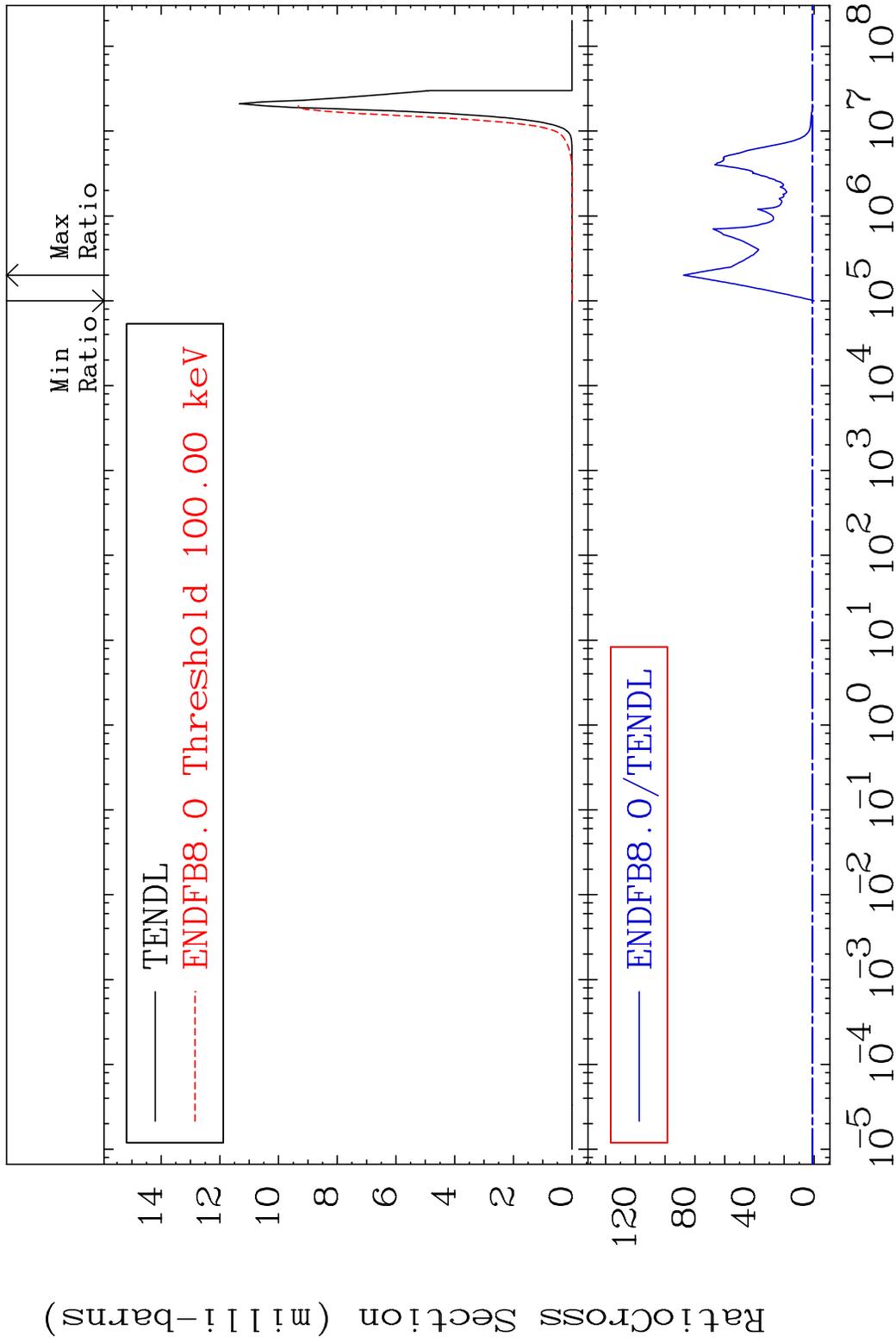
29 Incident Energy (eV) 54-Xe-128

MAT 5437

(n, α)

54-Xe-128

Cross Section -100.0 To 8662. %

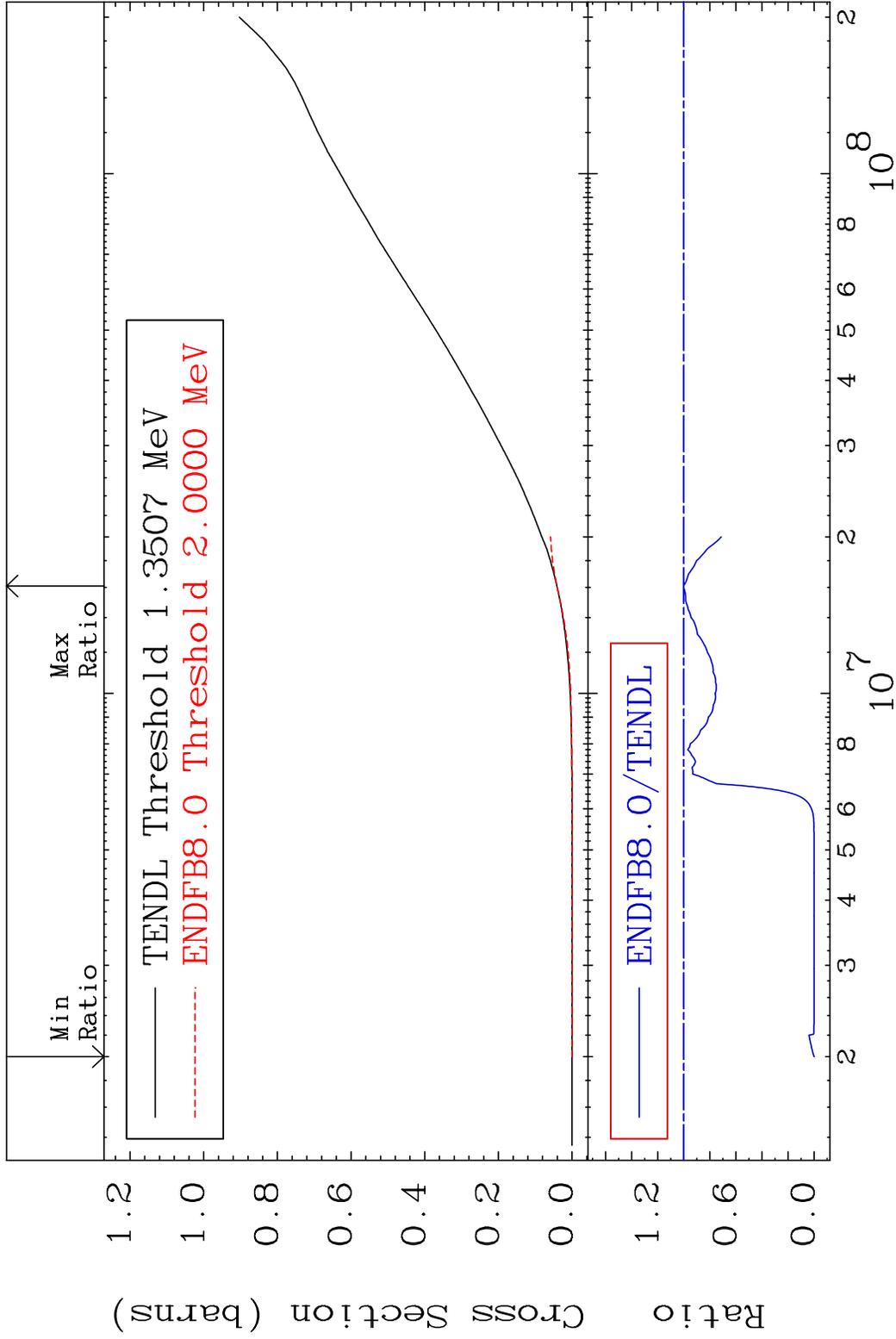


30

Incident Energy (eV)

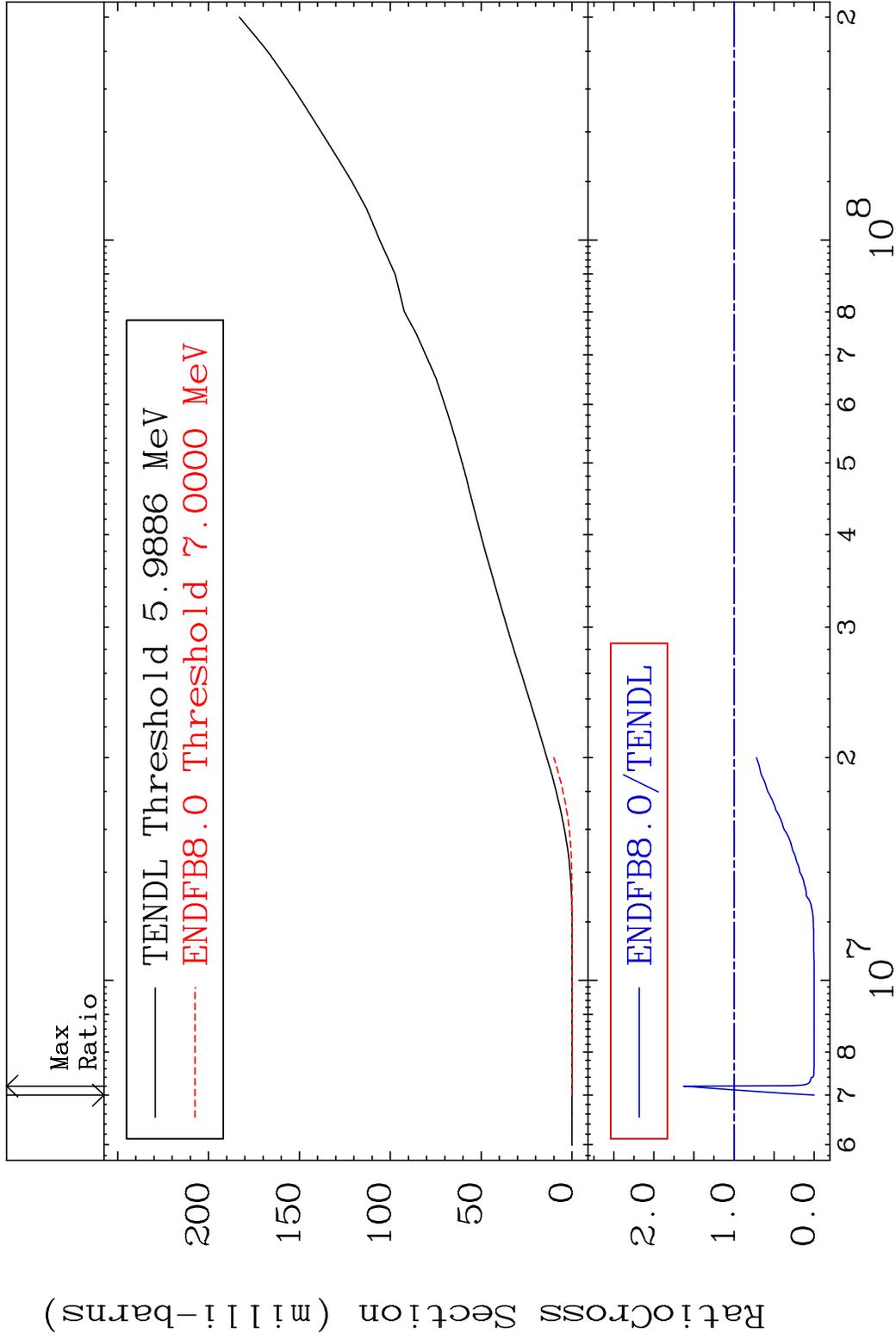
54-Xe-128

MAT 5437 Hydrogen Production 54-Xe-128
 Cross Section -100.0 To 0.236 %



31 Incident Energy (eV) 54-Xe-128

MAT 5437 Deuterium Production 54-Xe-128
 Cross Section -100.0 To 63.02 %



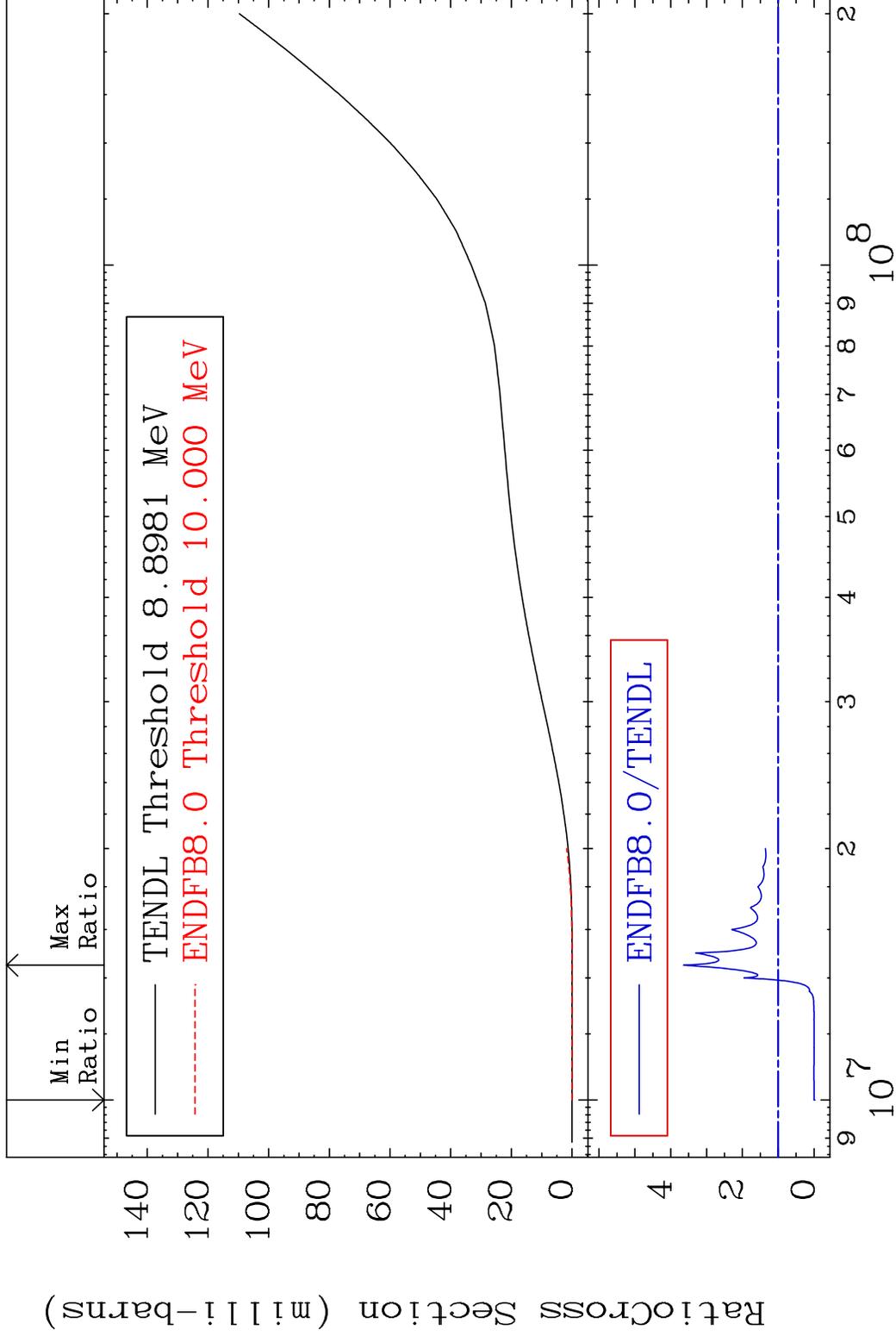
32 Incident Energy (eV) 54-Xe-128

MAT 5437

Tritium Production

54-Xe-128

Cross Section -100.0 To 264.3 %



33

Incident Energy (eV)

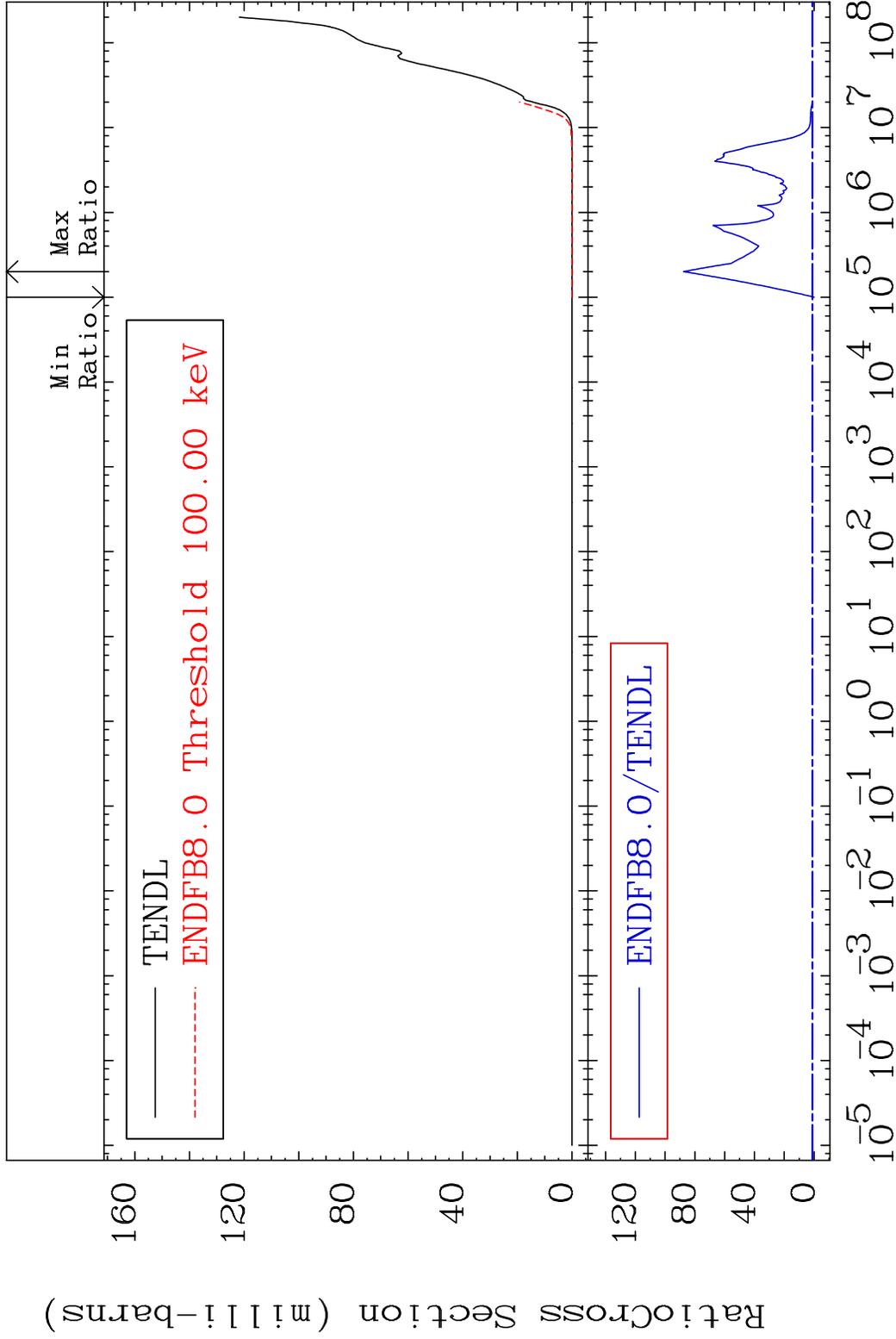
54-Xe-128

MAT 5437

He-4 Production

54-Xe-128

Cross Section -100.0 To 8662. %

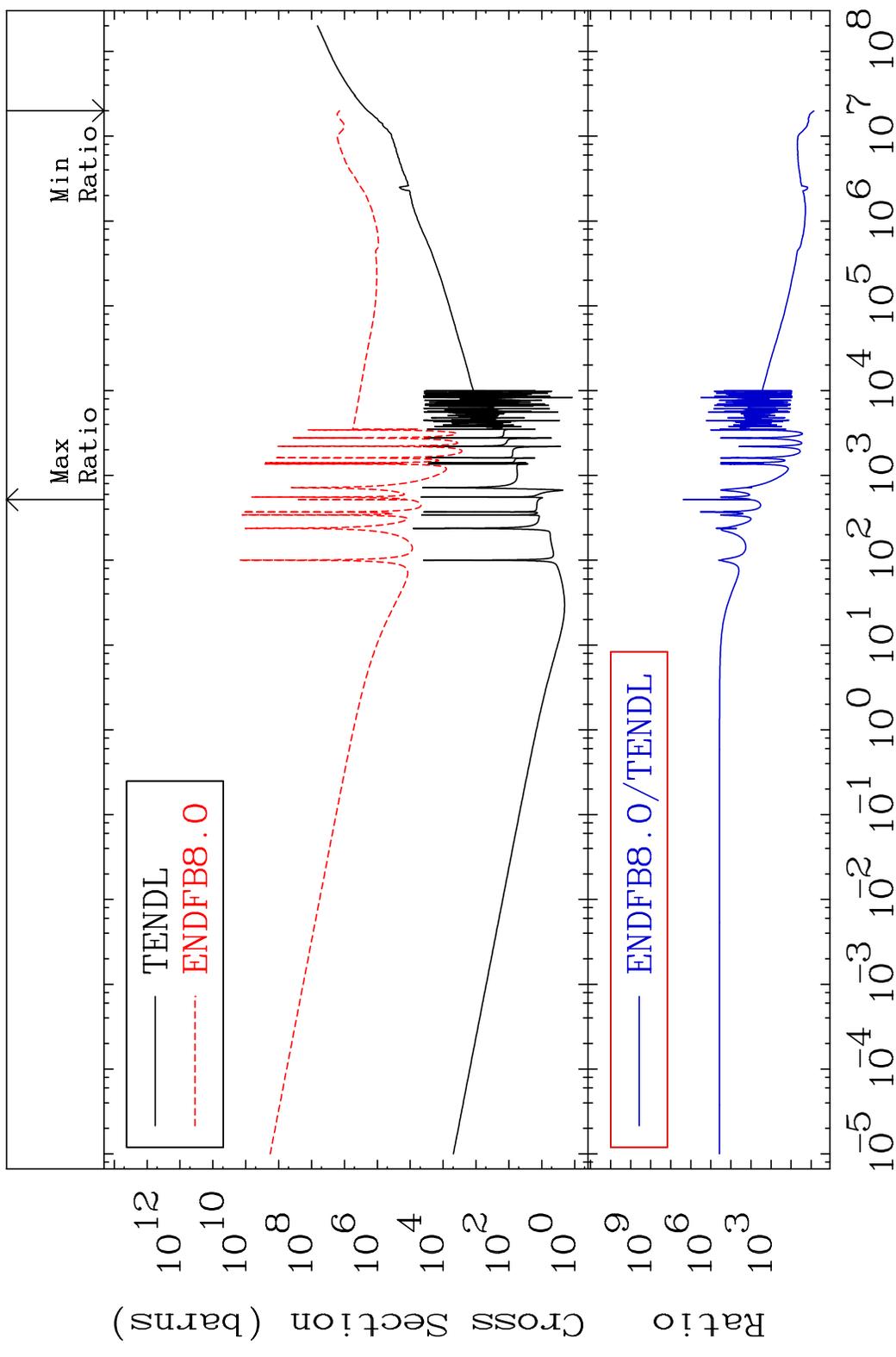


34

Incident Energy (eV)

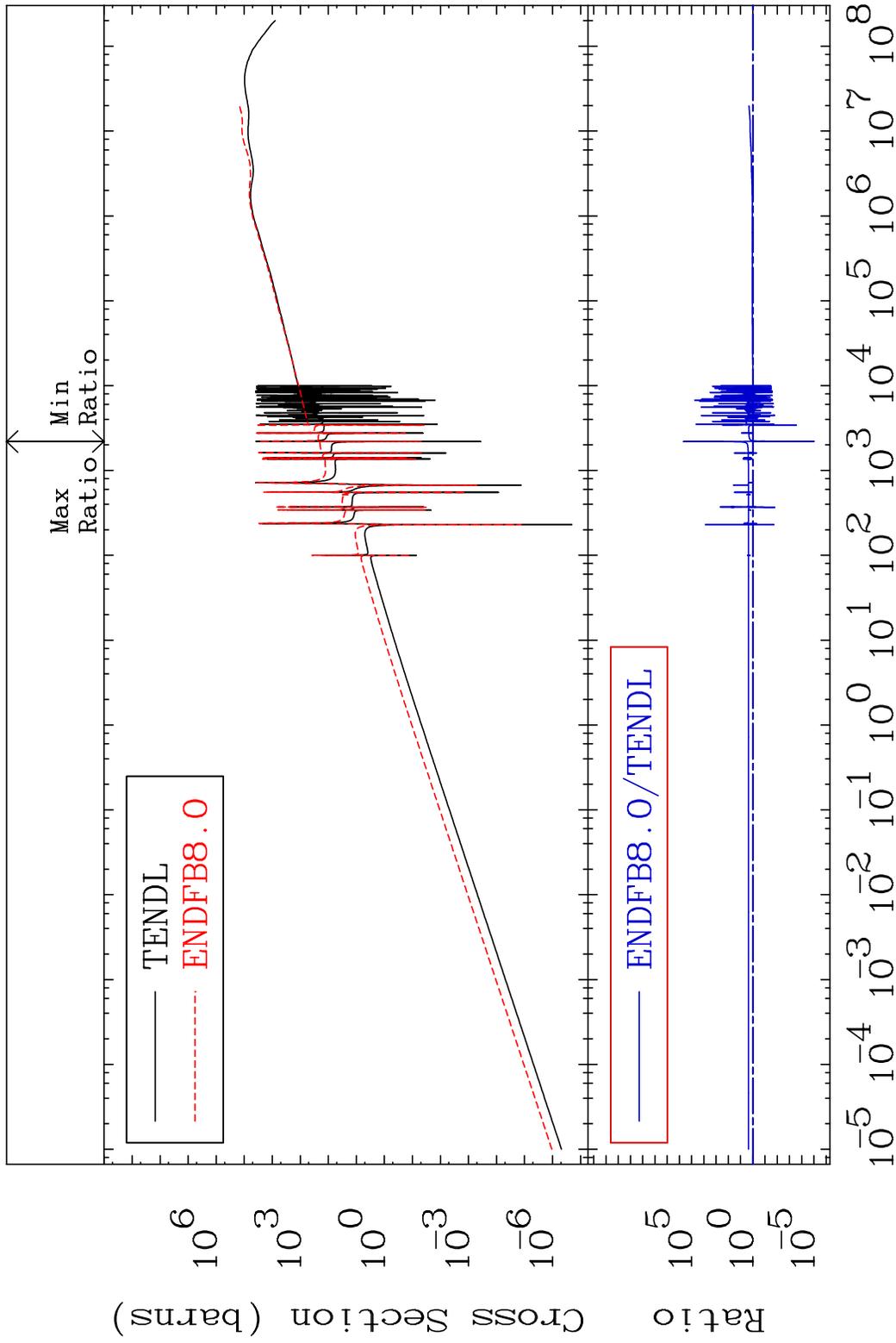
54-Xe-128

MAT 5437 Kerma total (eV-barns) 54-Xe-128
 Cross Section 614.7 To 9999. %



MAT 5437

Kerma elastic Cross Section -100.0 To 9999. %
54-Xe-128

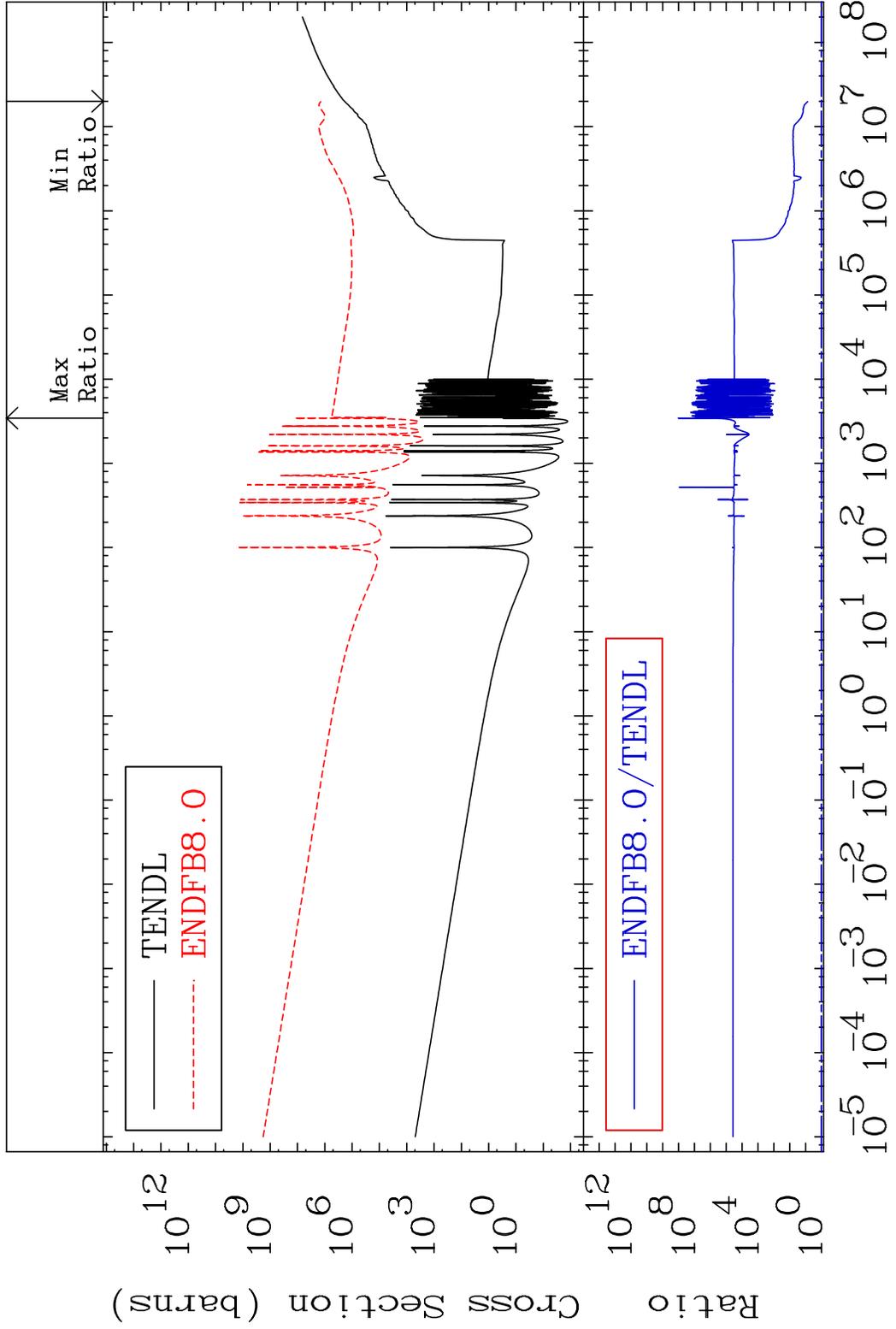


36

Incident Energy (eV)

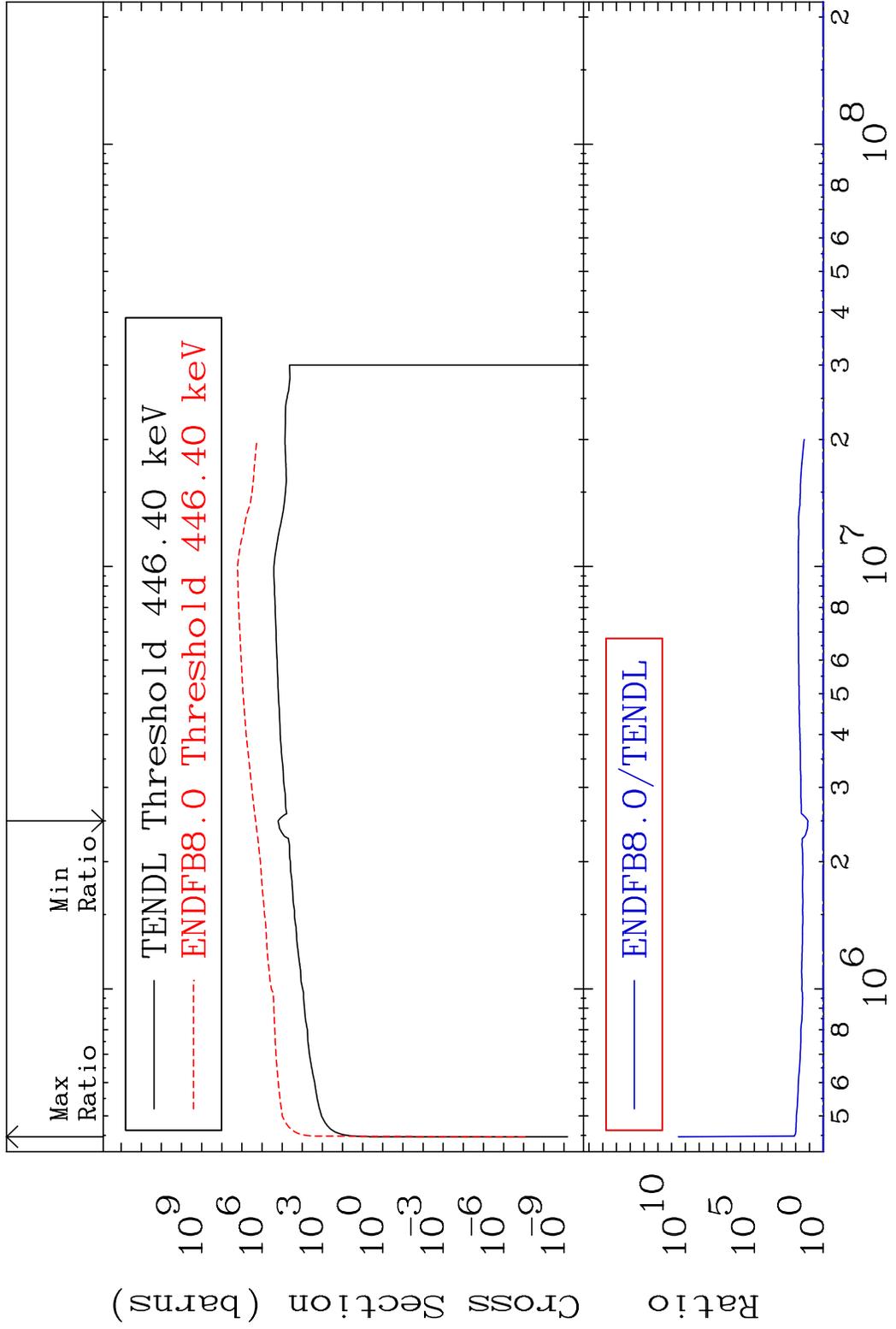
54-Xe-128

MAT 5437 Kerma non-elastic (all but mt2) 54-Xe-128
 Cross Section 634.4 To 9999. %



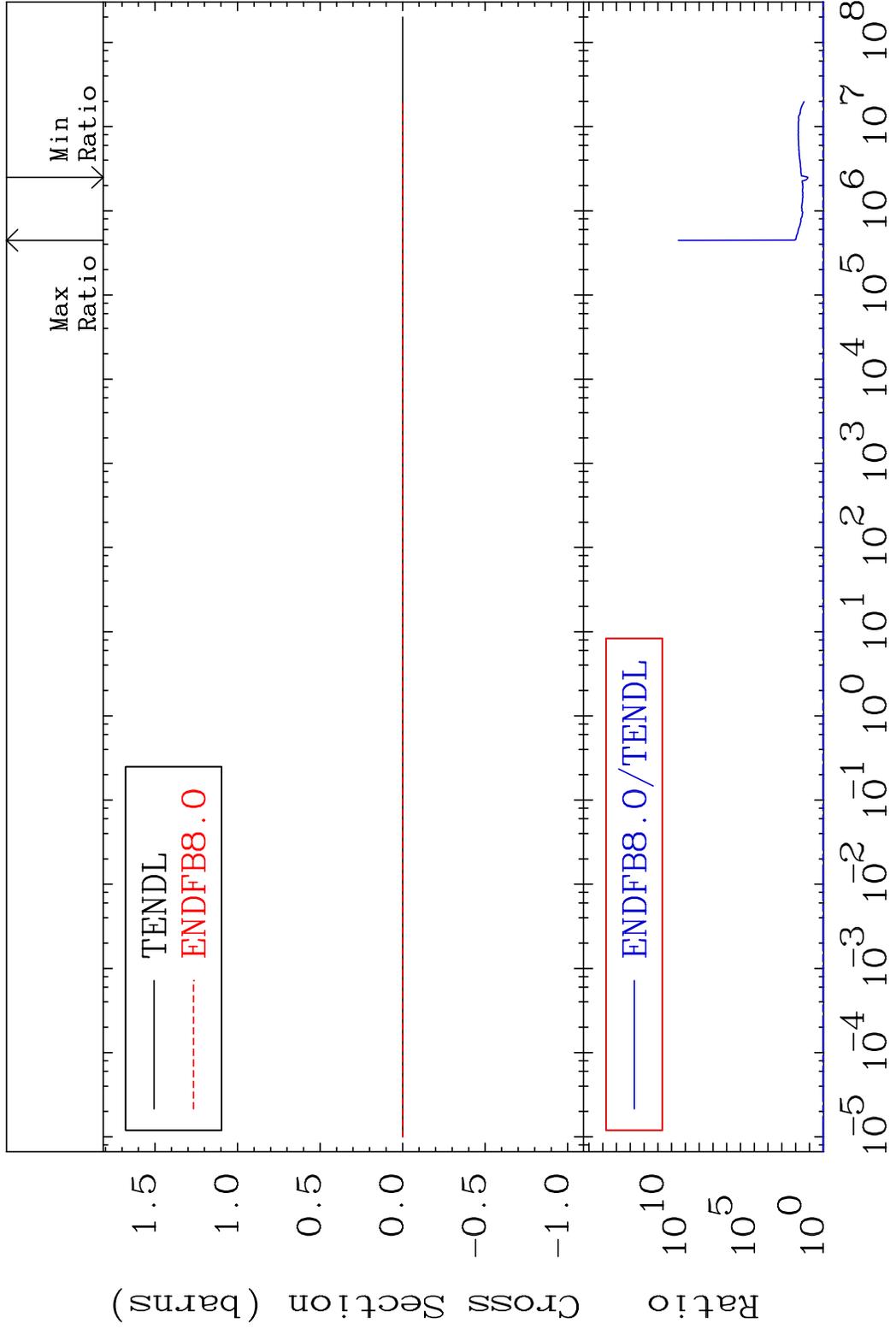
37 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma inelastic (mt51-91) 54-Xe-128
 Cross Section 1200. To 9999. %



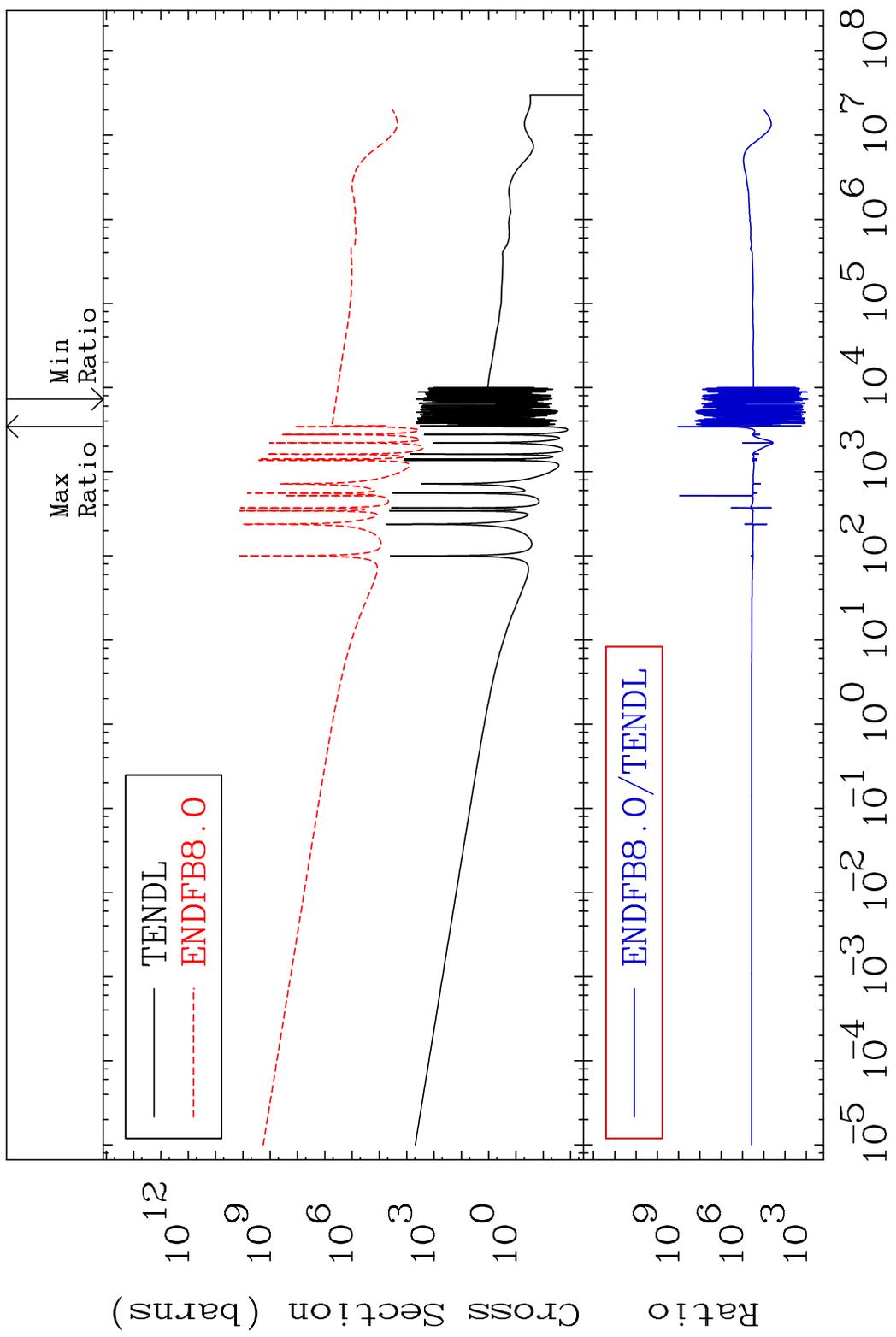
38 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-128
 Cross Section 1200. To 9999. %



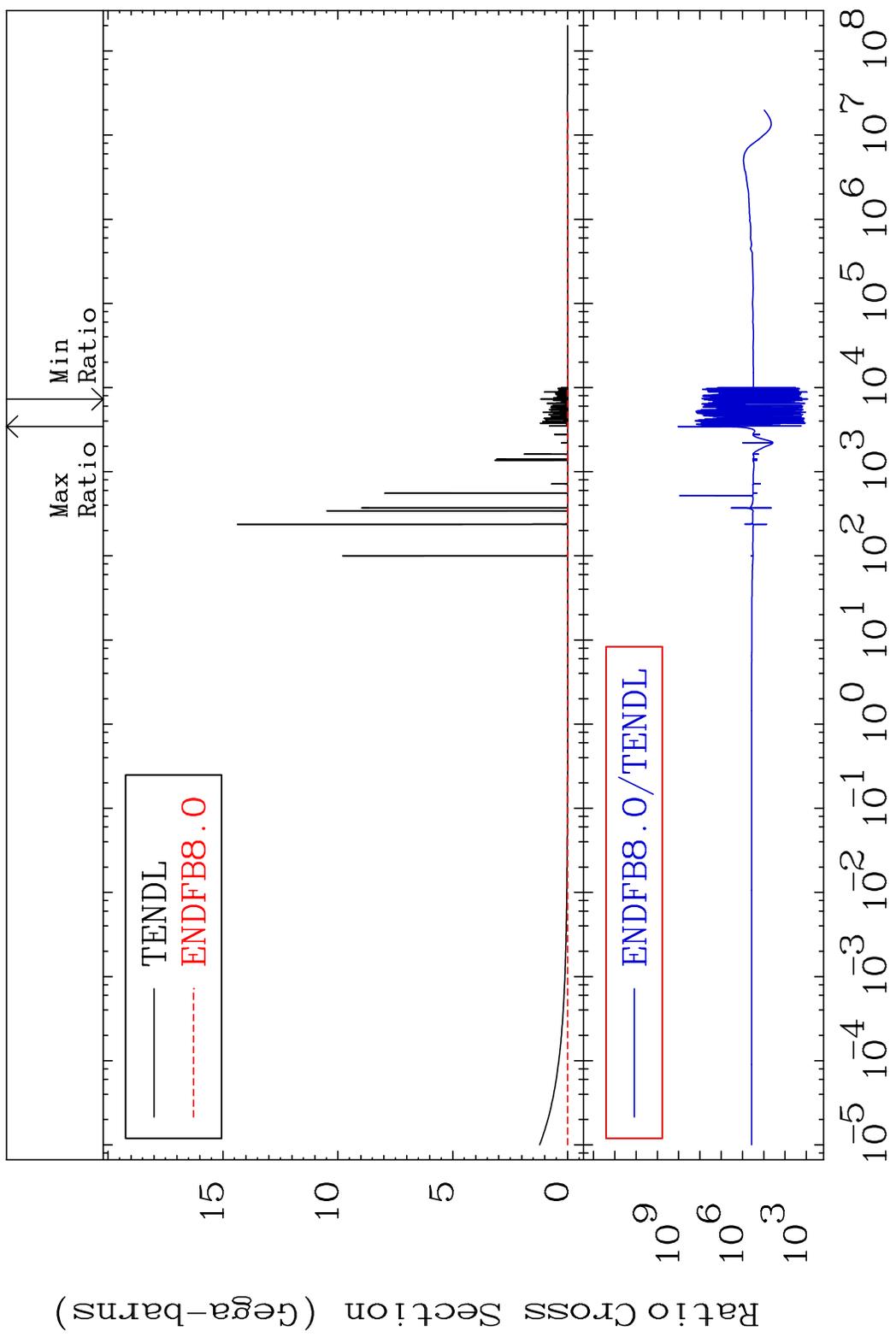
39 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma capture (mt102) 54-Xe-128
 Cross Section 9999. To 9999. %

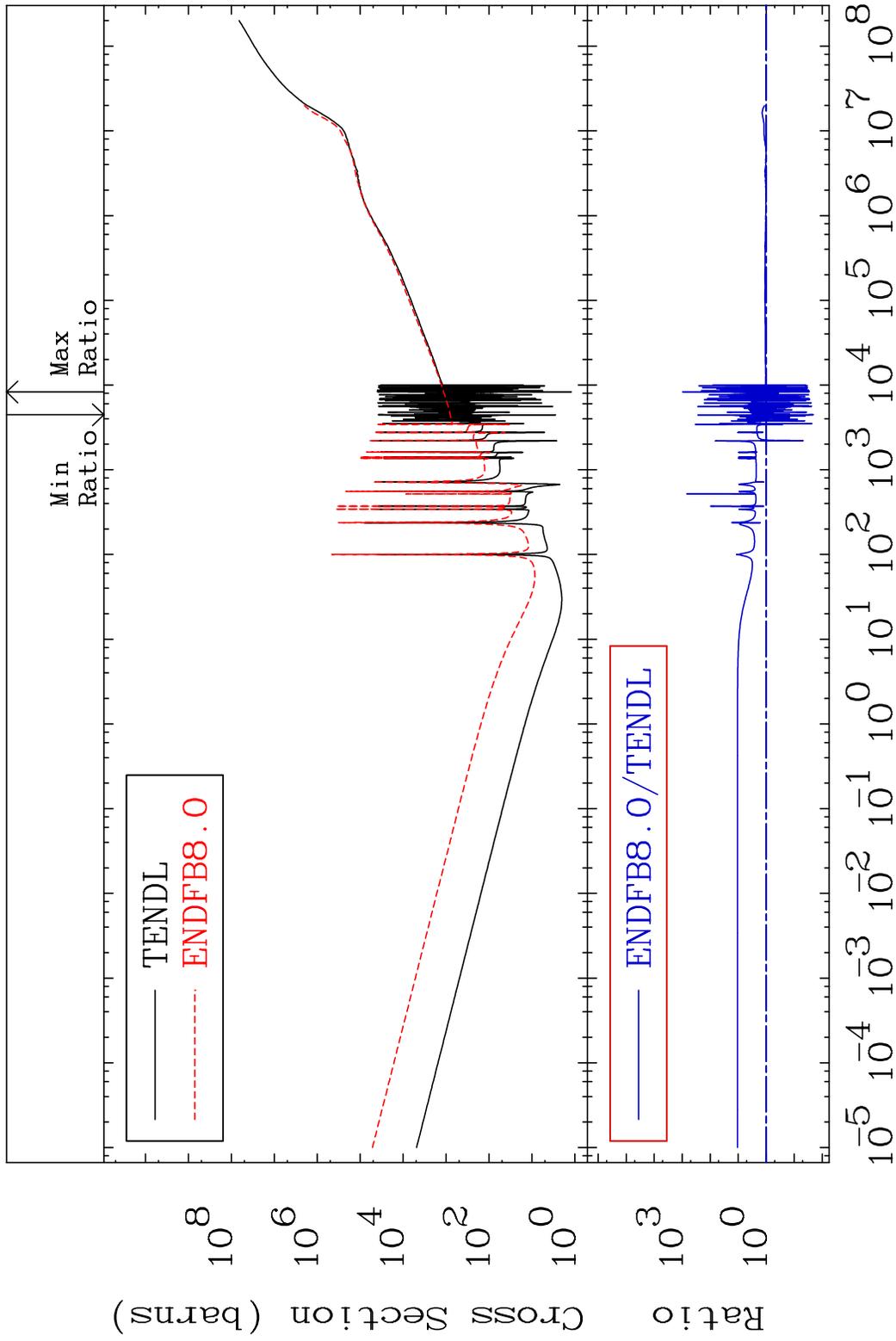


40 Incident Energy (eV) 54-Xe-128

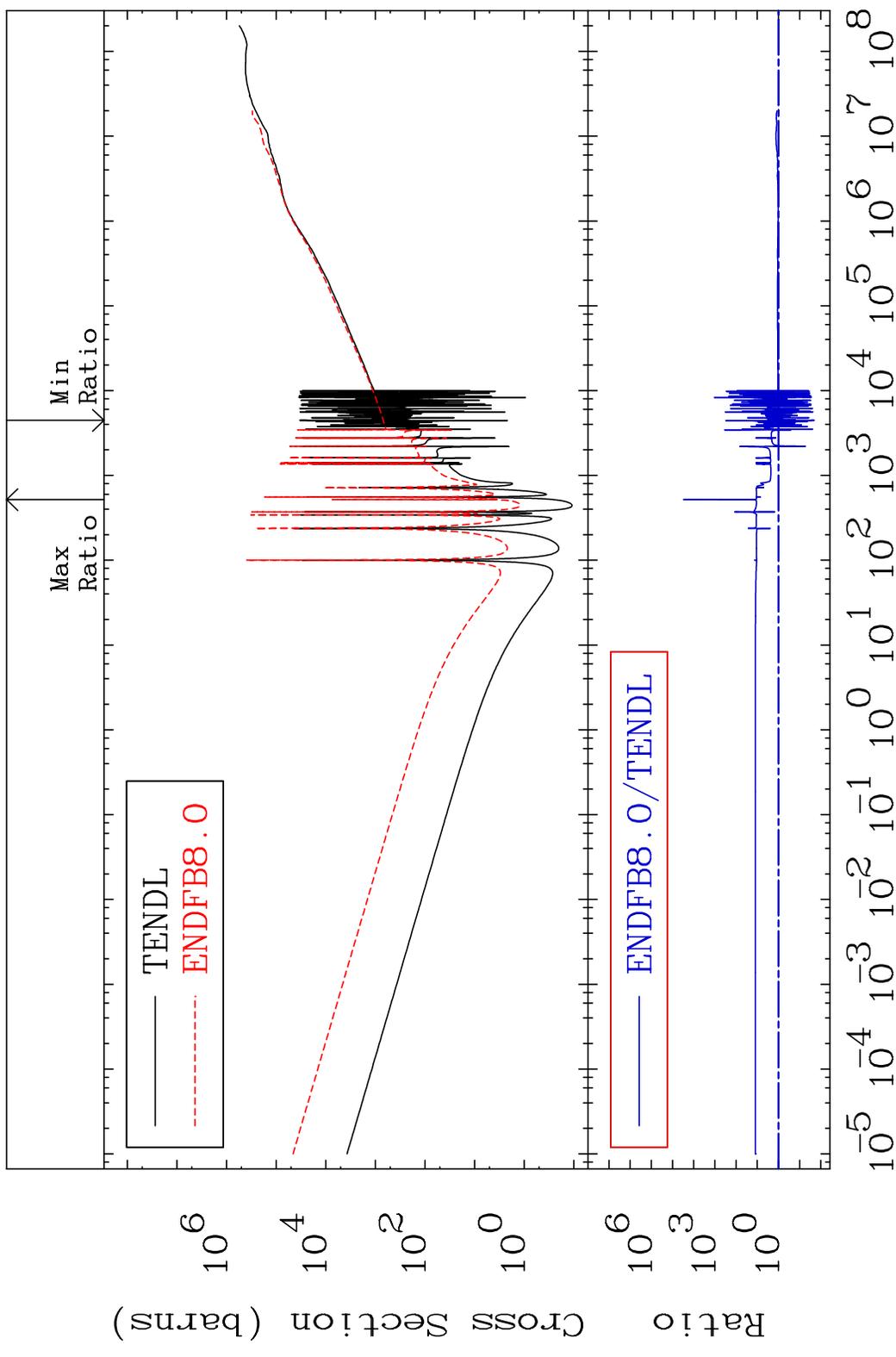
MAT 5437 Total photon (eV-barns) 54-Xe-128
 Cross Section 9999. To 9999. %



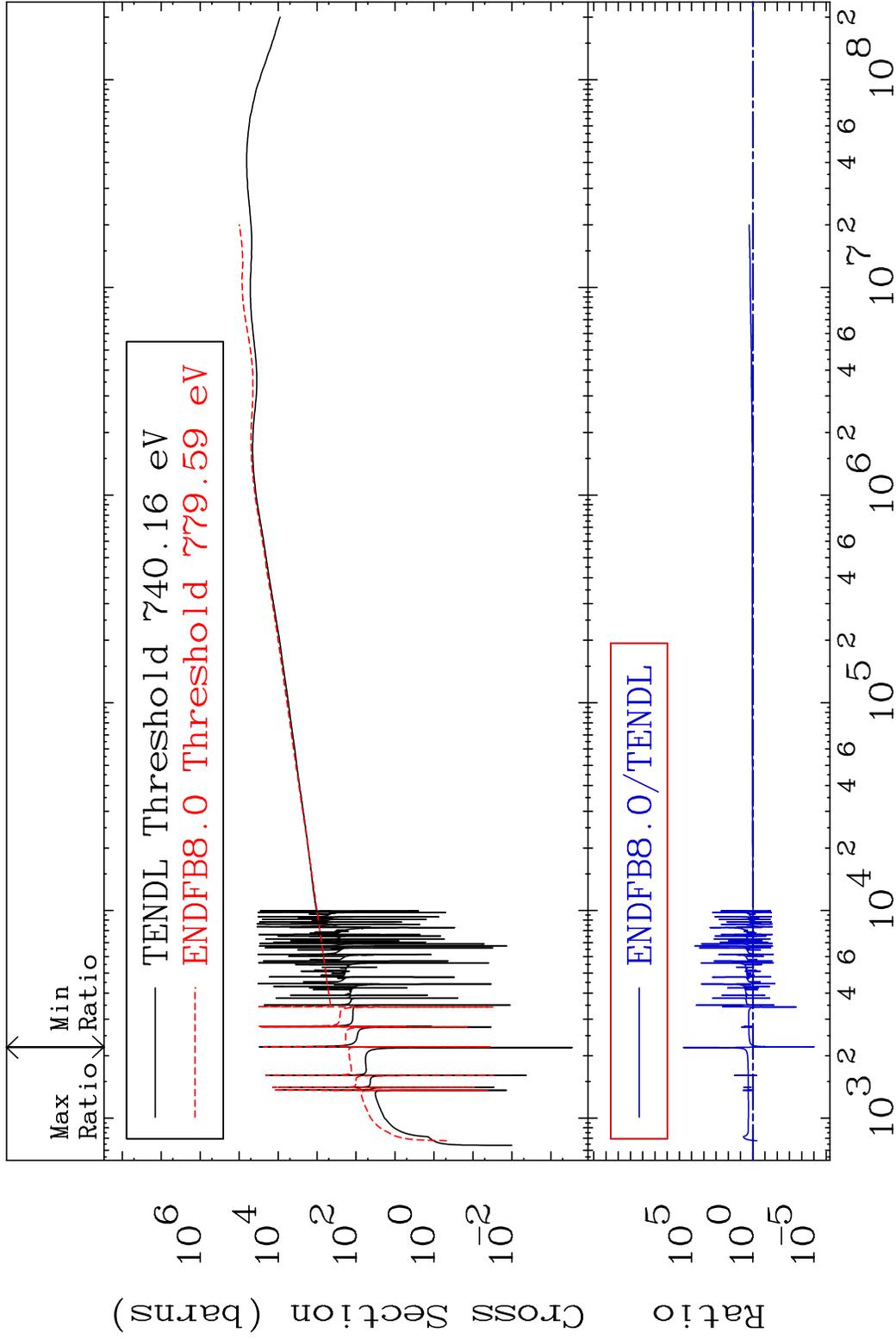
MAT 5437 Total kinematic kerma (high limit) 54-Xe-128
 Cross Section -97.92 To 9999. %



MAT 5437 Dpa total (eV-barns) 54-Xe-128
 Cross Section -97.91 To 9999. %

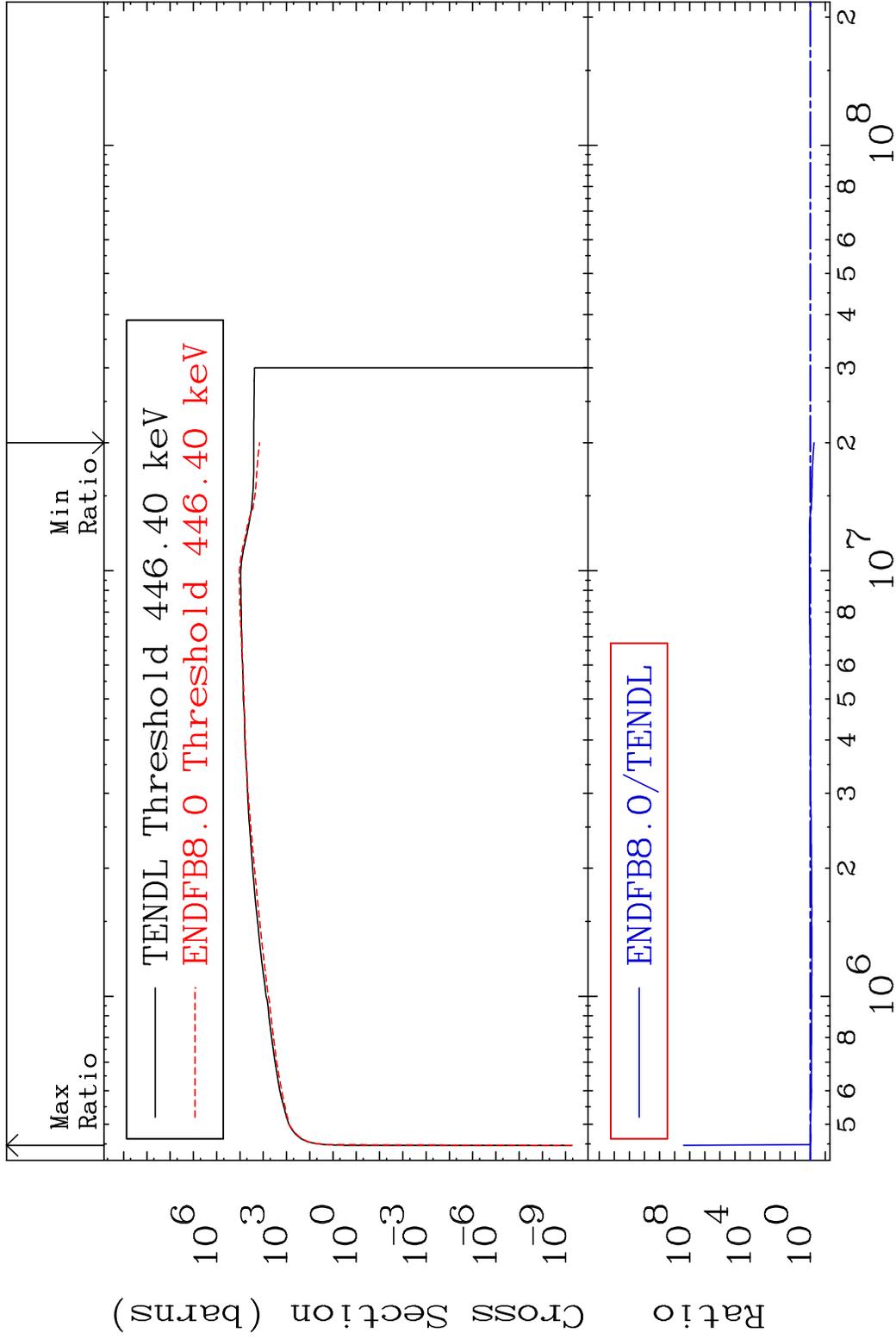


MAT 5437 Dpa elastic (mt2) 54-Xe-128
 Cross Section -100.0 To 9999. %



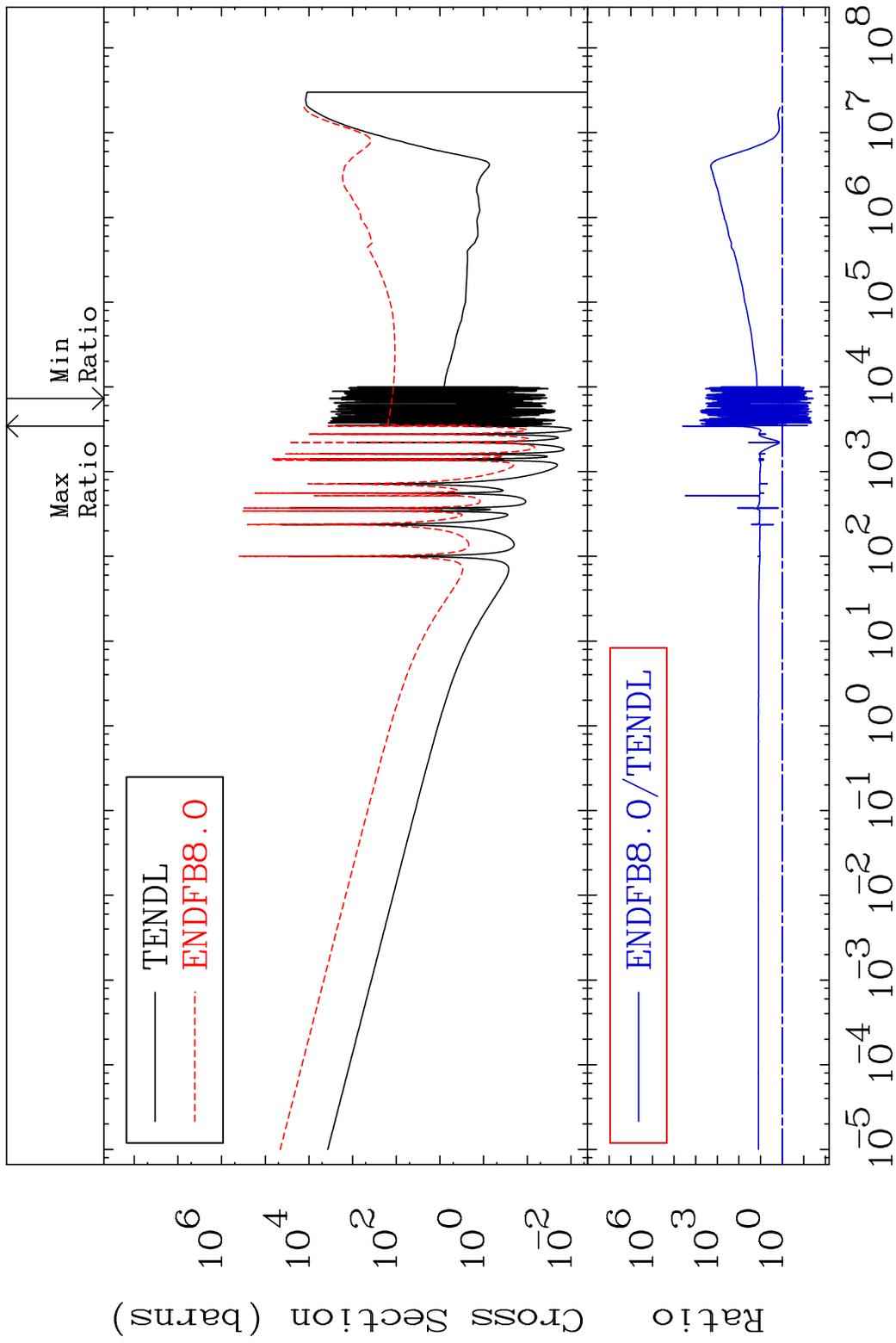
44 Incident Energy (eV) 54-Xe-128

MAT 5437 Dpa inelastic (mt51-91) 54-Xe-128
 Cross Section -43.64 To 9999. %



45 Incident Energy (eV) 54-Xe-128

MAT 5437 Dpa disappearance (mt102 -120) 54-Xe-128
 Cross Section -96.35 To 9999. %



46 Incident Energy (eV) 54-Xe-128