

Program Complot
(Version 2018-1)

by

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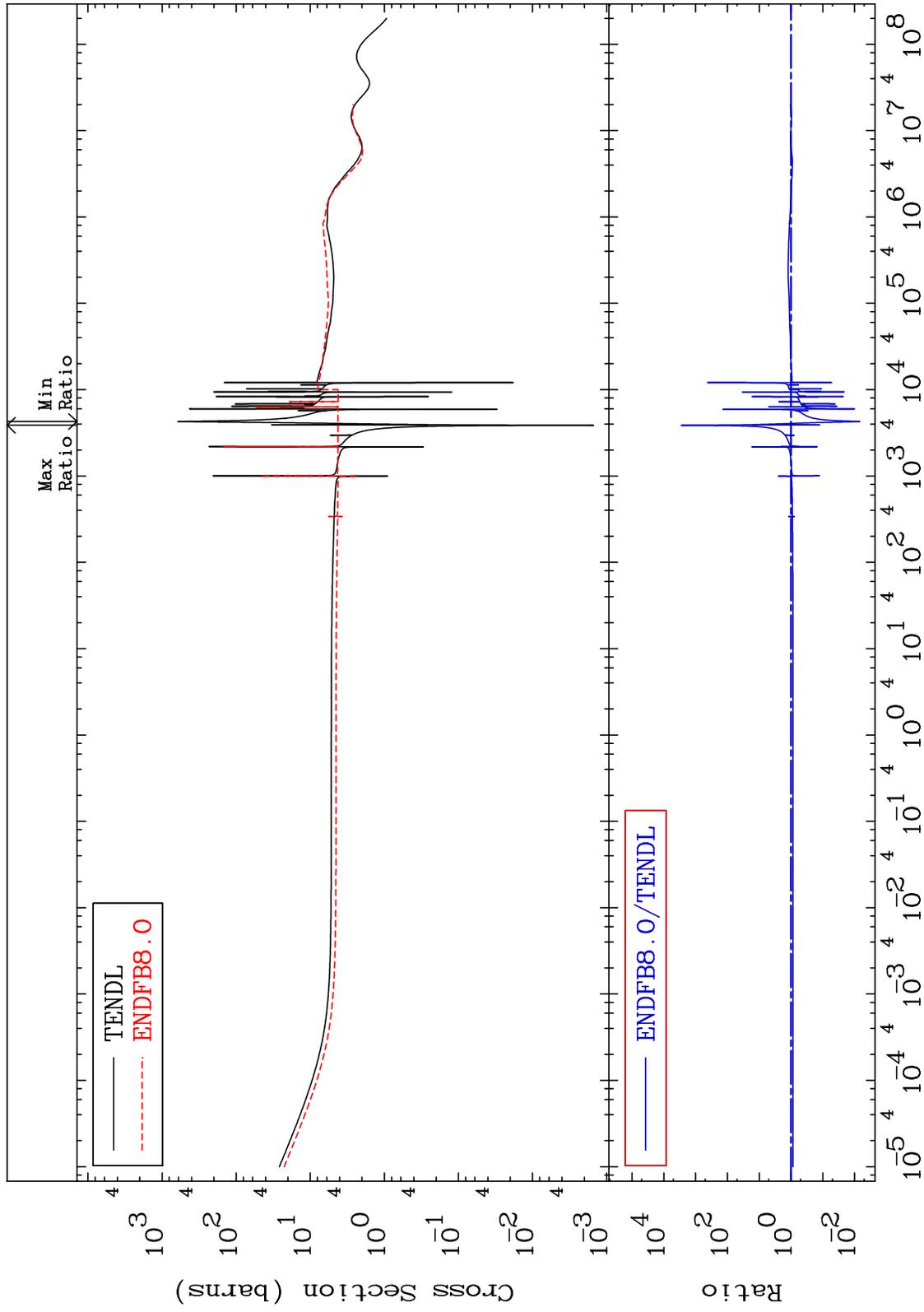
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

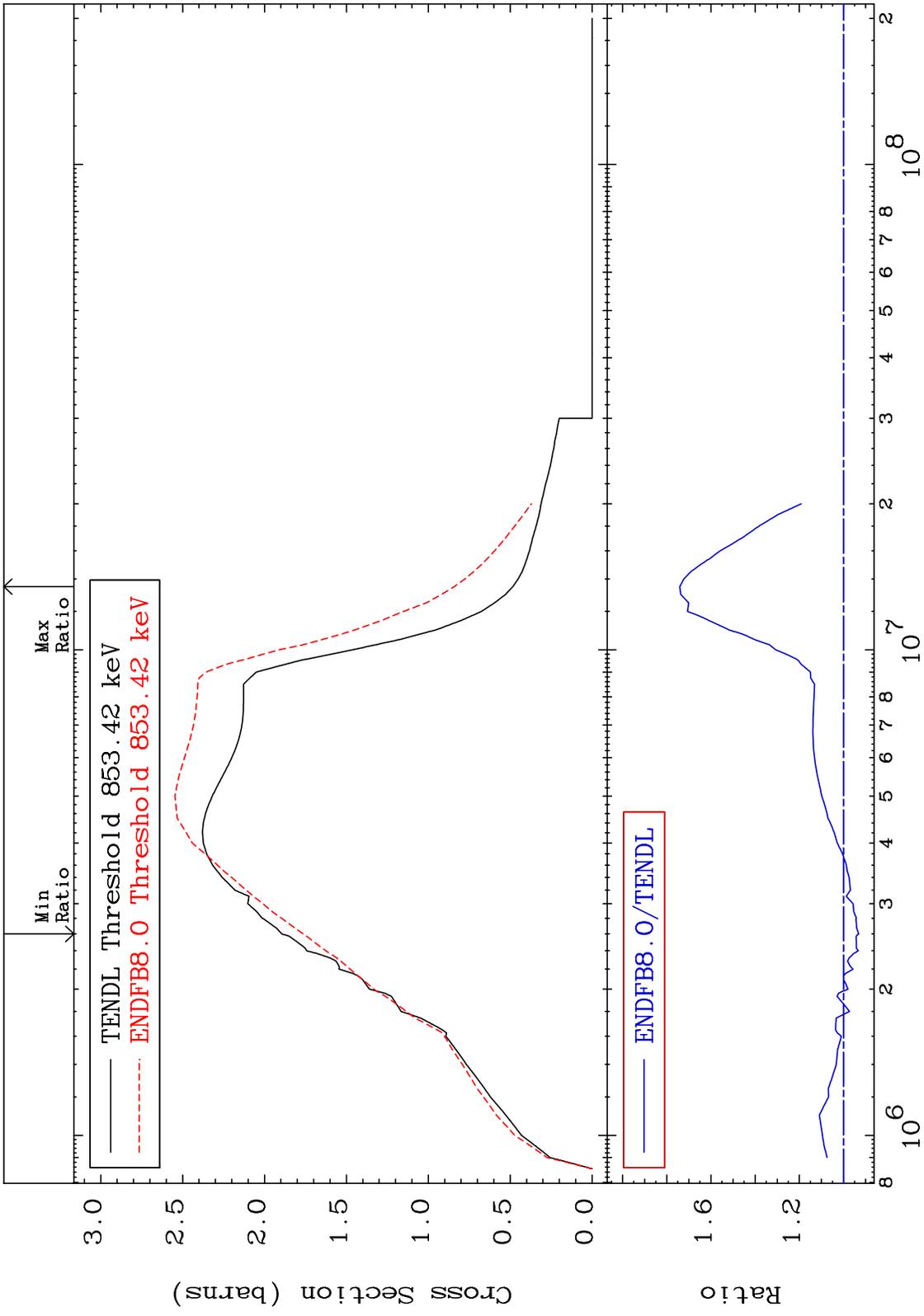
MAT 5455

Elastic
Cross Section

54-Xe-134
-99.31 To 9999. %

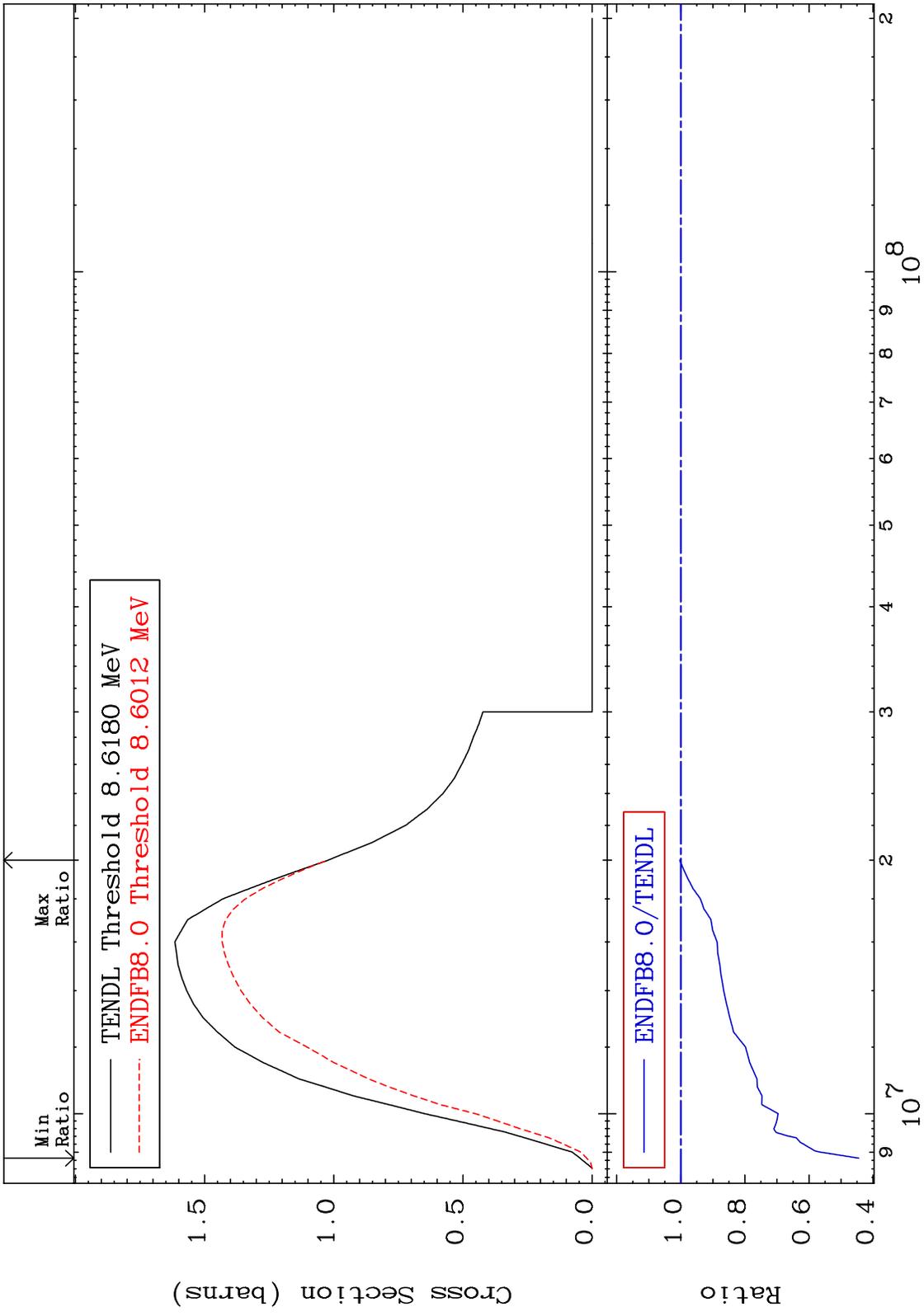


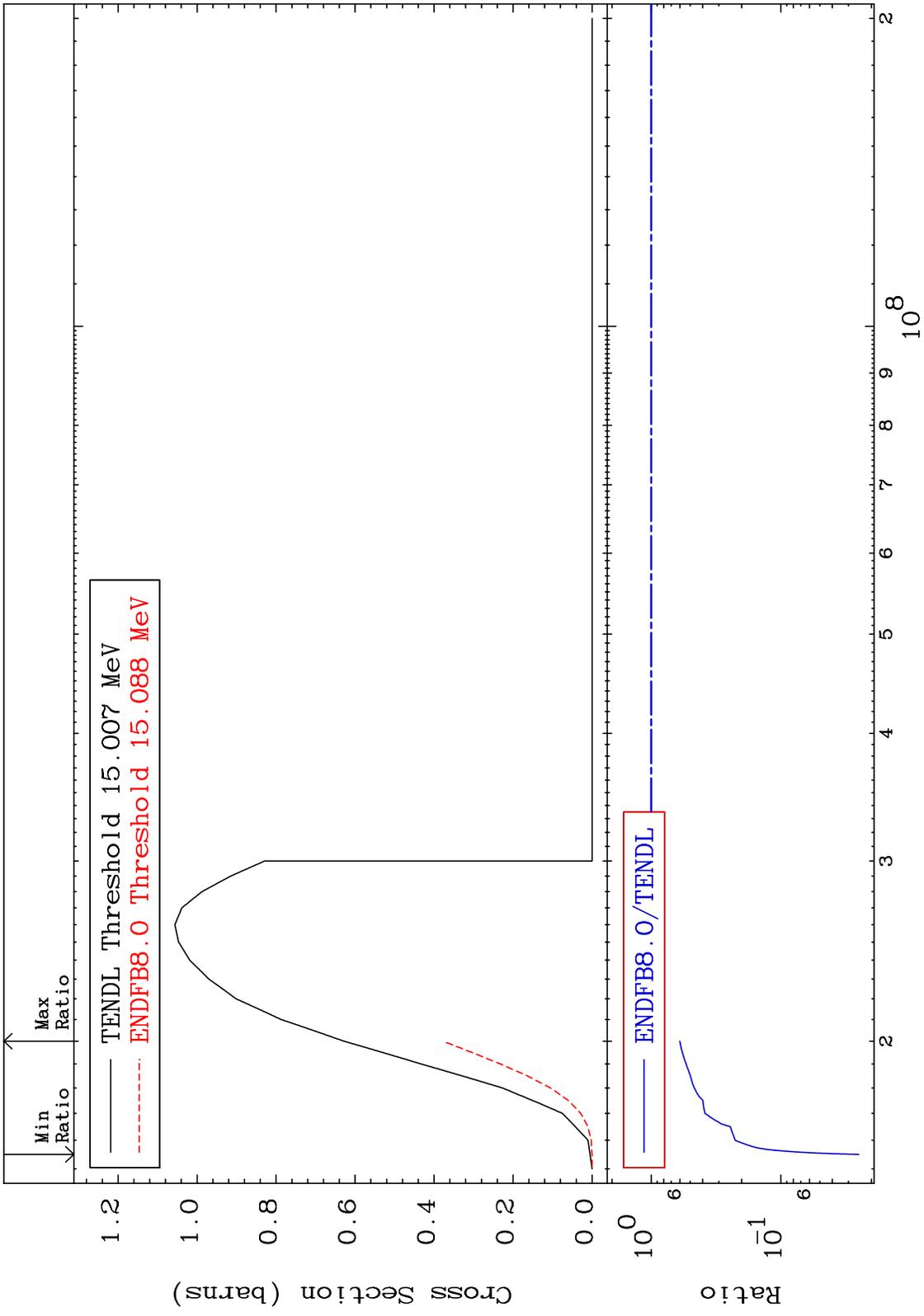
MAT 5455 54-Xe-134 -6.938 To 74.12 % Inelastic Cross Section



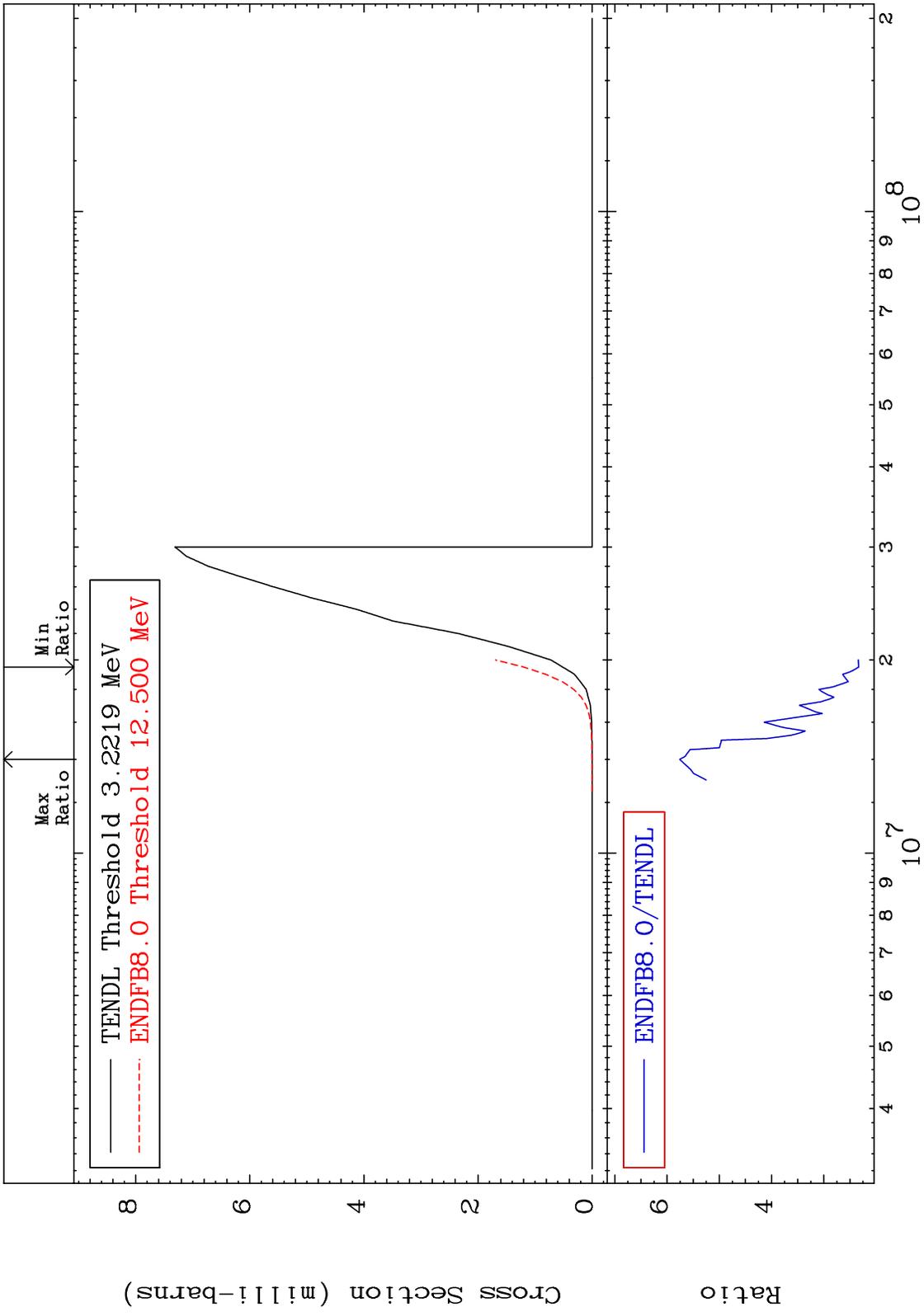
54-Xe-134 Incident Energy (eV)

MAT 5455 (n,2n) Cross Section 54-Xe-134 -55.54 To 0.335 %

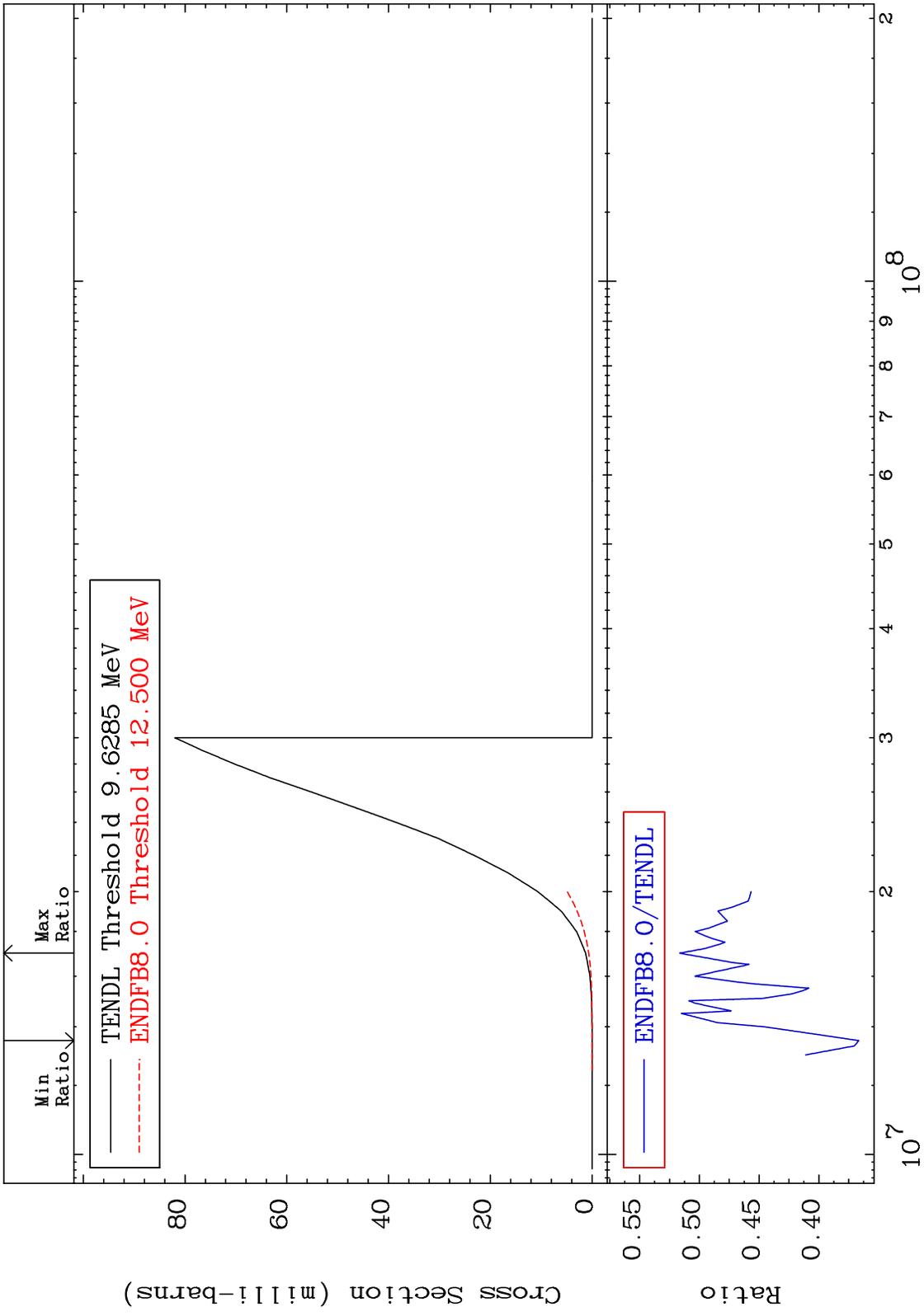




MAT 5455 $(n, n') \alpha$ 54-Xe-134
 Cross Section 133.0 To 475.8 %

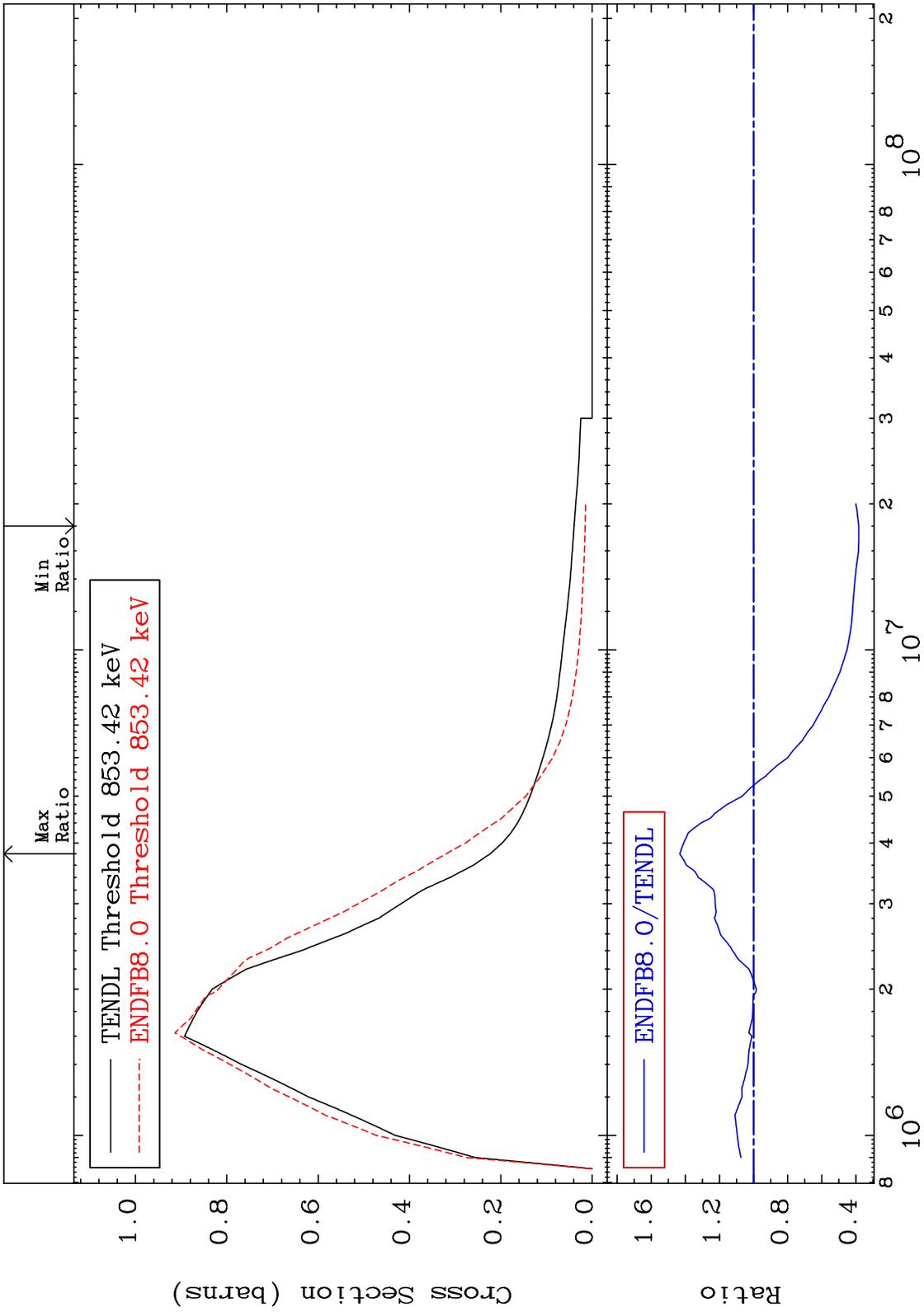


MAT 5455 (n,n') p 54-Xe-134
 Cross Section -63.35 To -48.36%



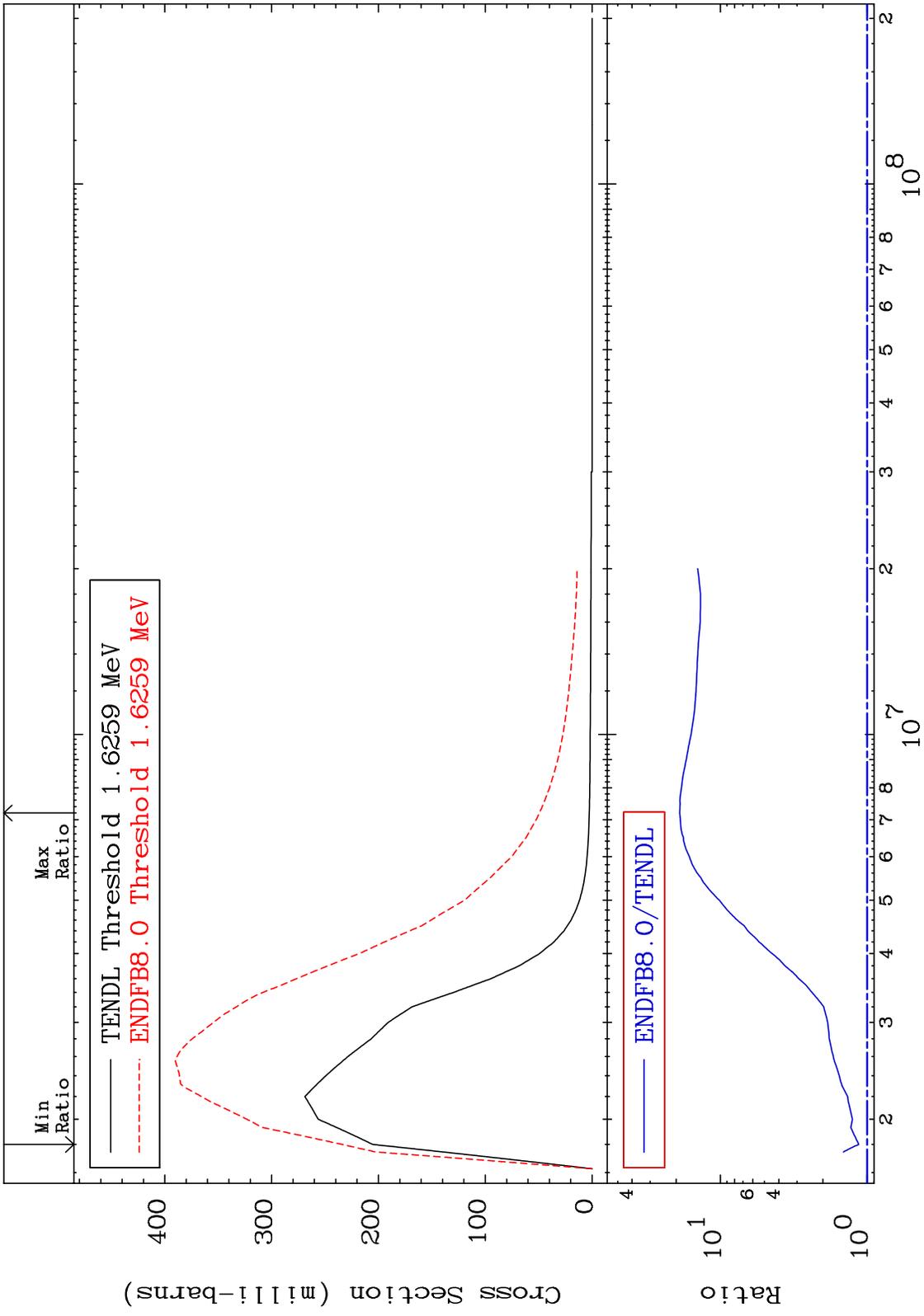
Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 51 (n,n') Level Cross Section 54-Xe-134 -61.67 To 43.28 %

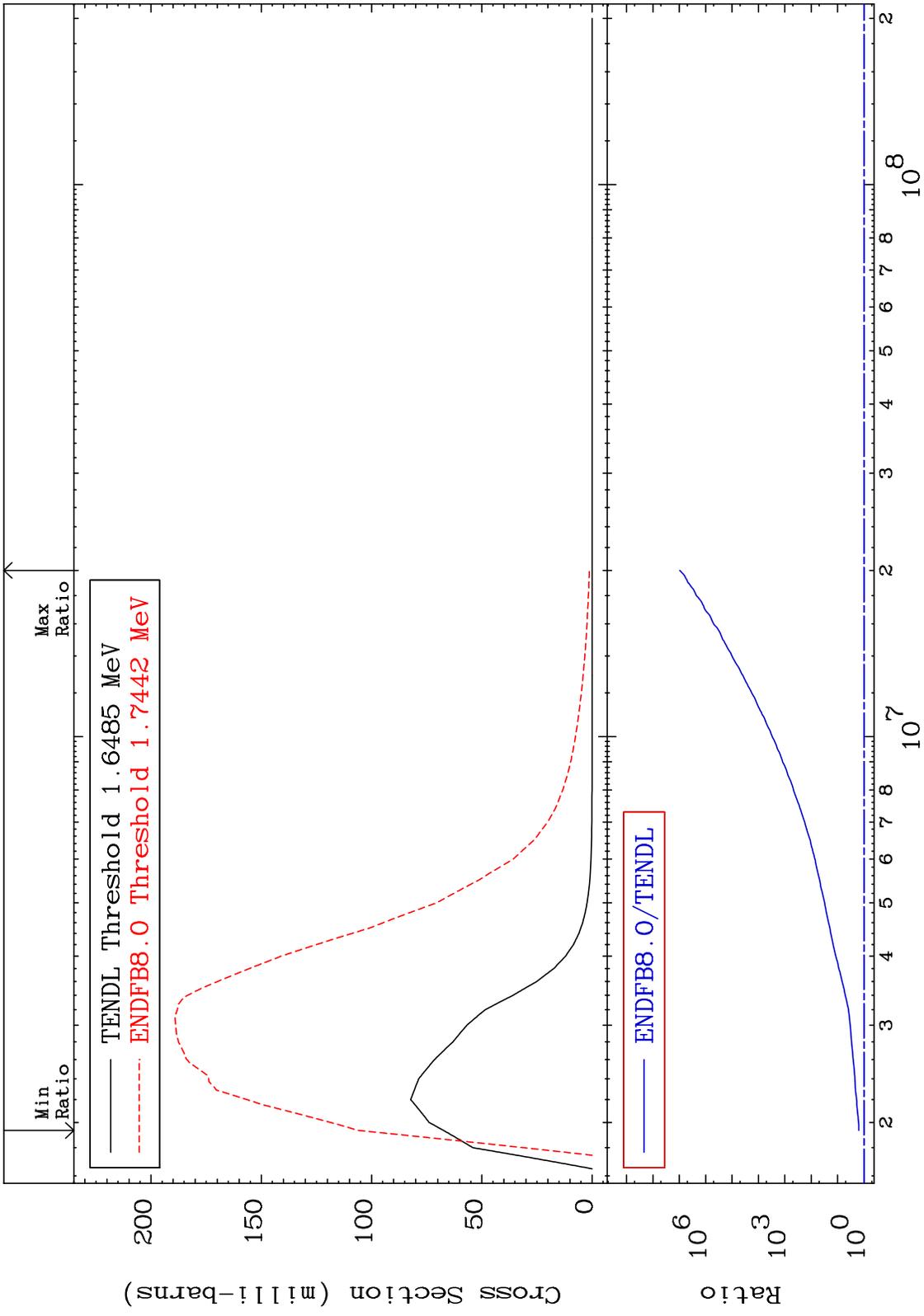


8 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 52 (n,n') Level Cross Section 54-Xe-134 To 1788. %

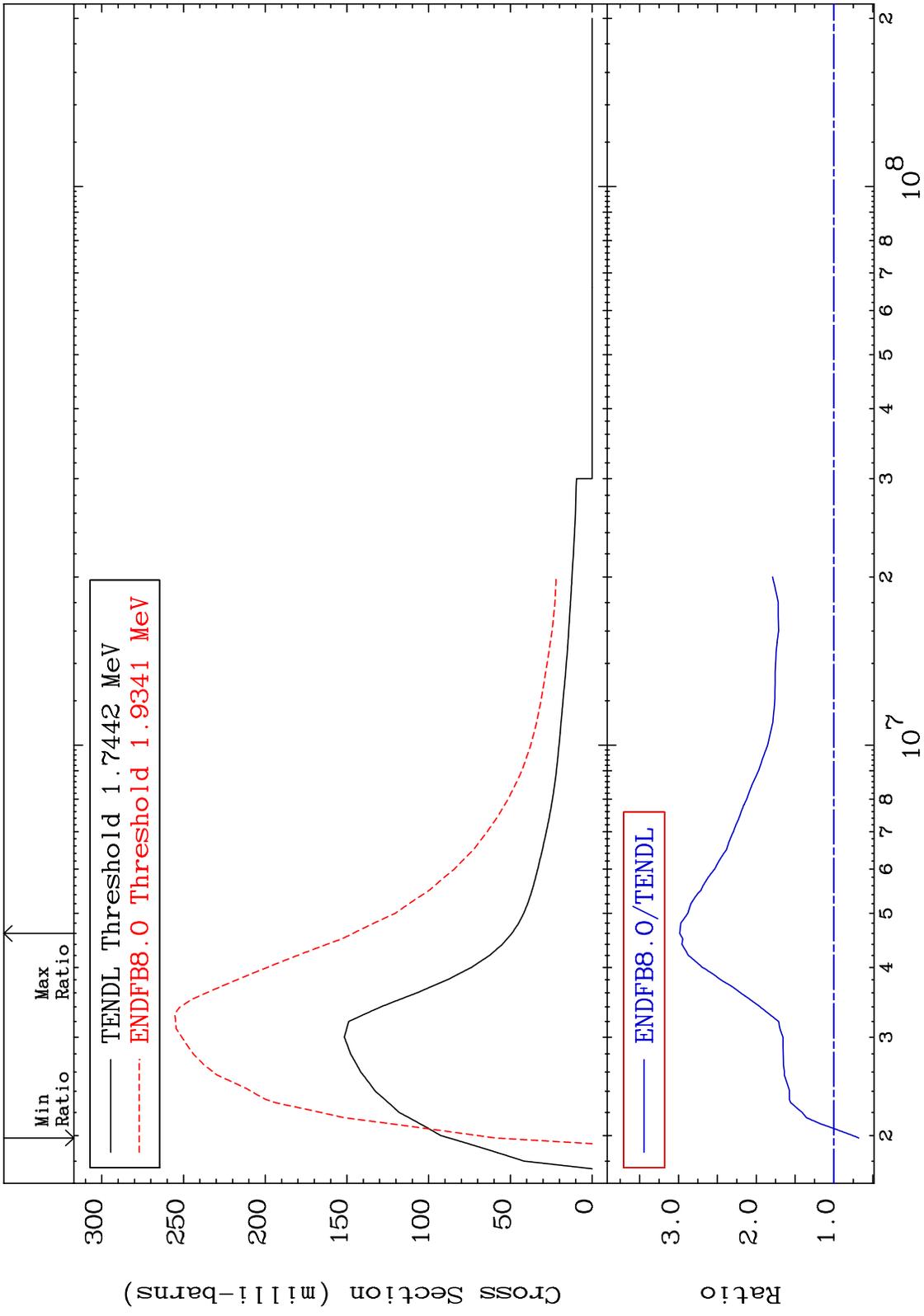


MAT 5455 MT= 53 (n,n') Level Cross Section 54-Xe-134 57.36 To 9999. %

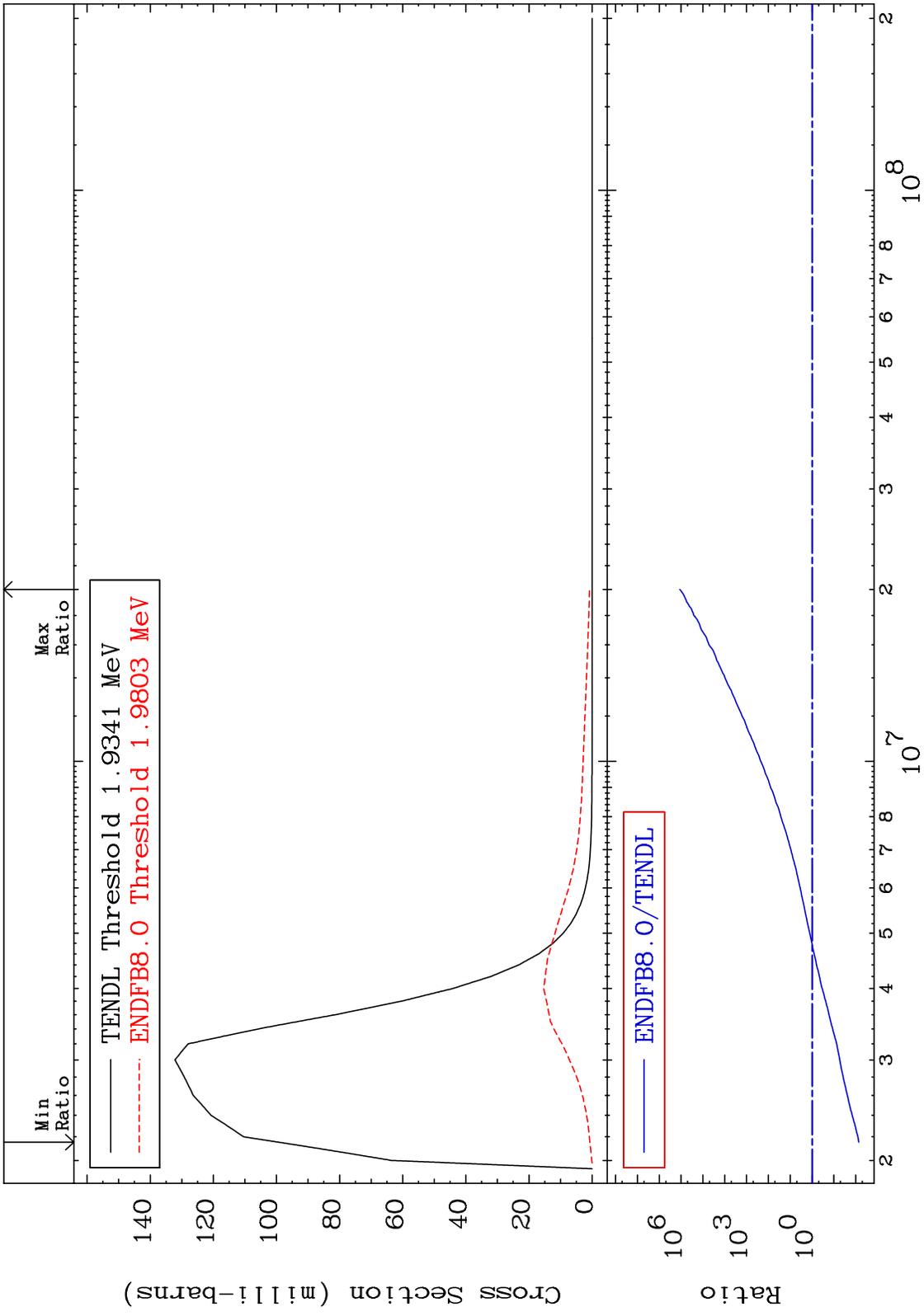


10 2 3 4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 54-Xe-134

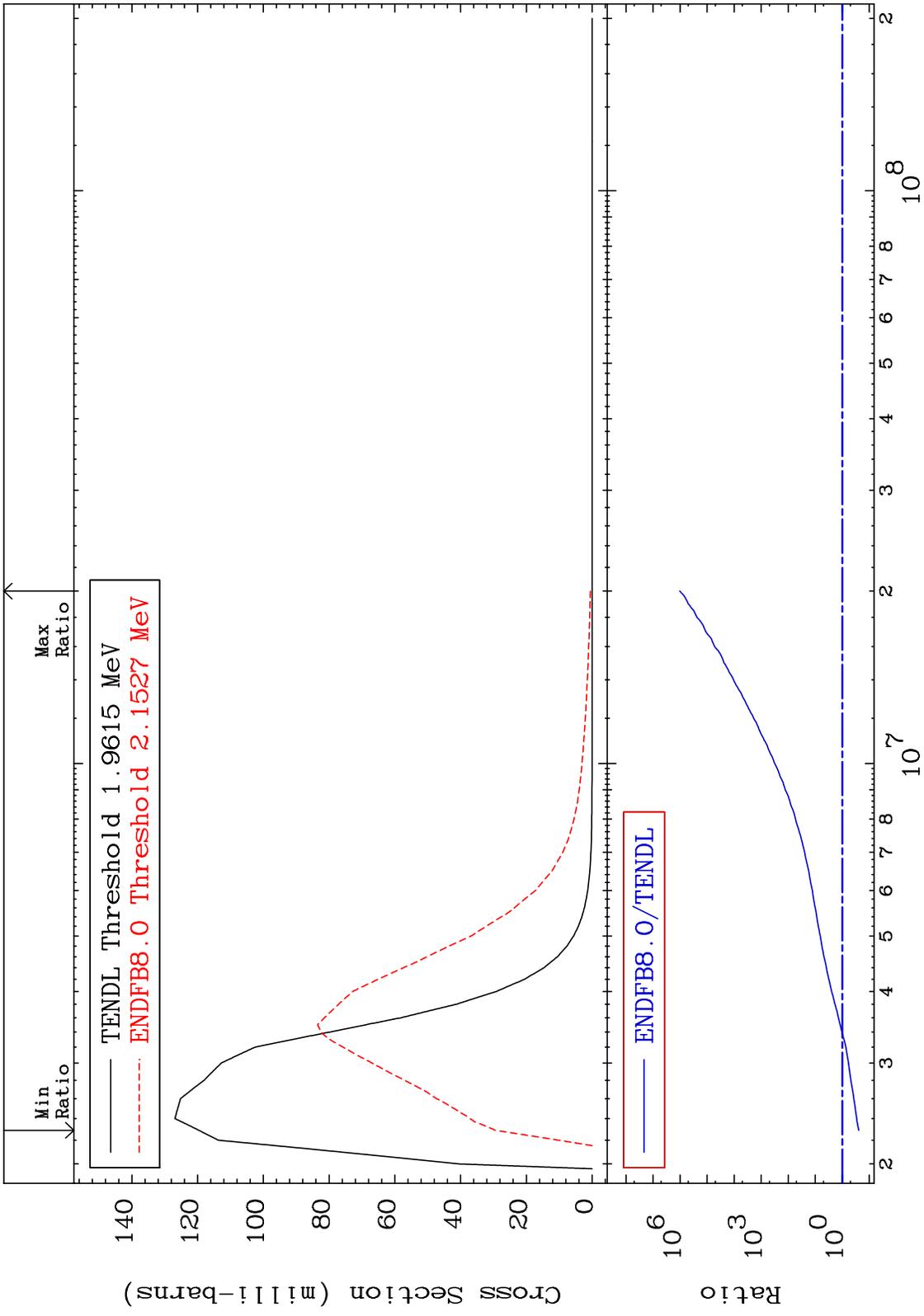
MAT 5455 MT= 54 (n,n') Level Cross Section 54-Xe-134 -32.05 To 198.4 %



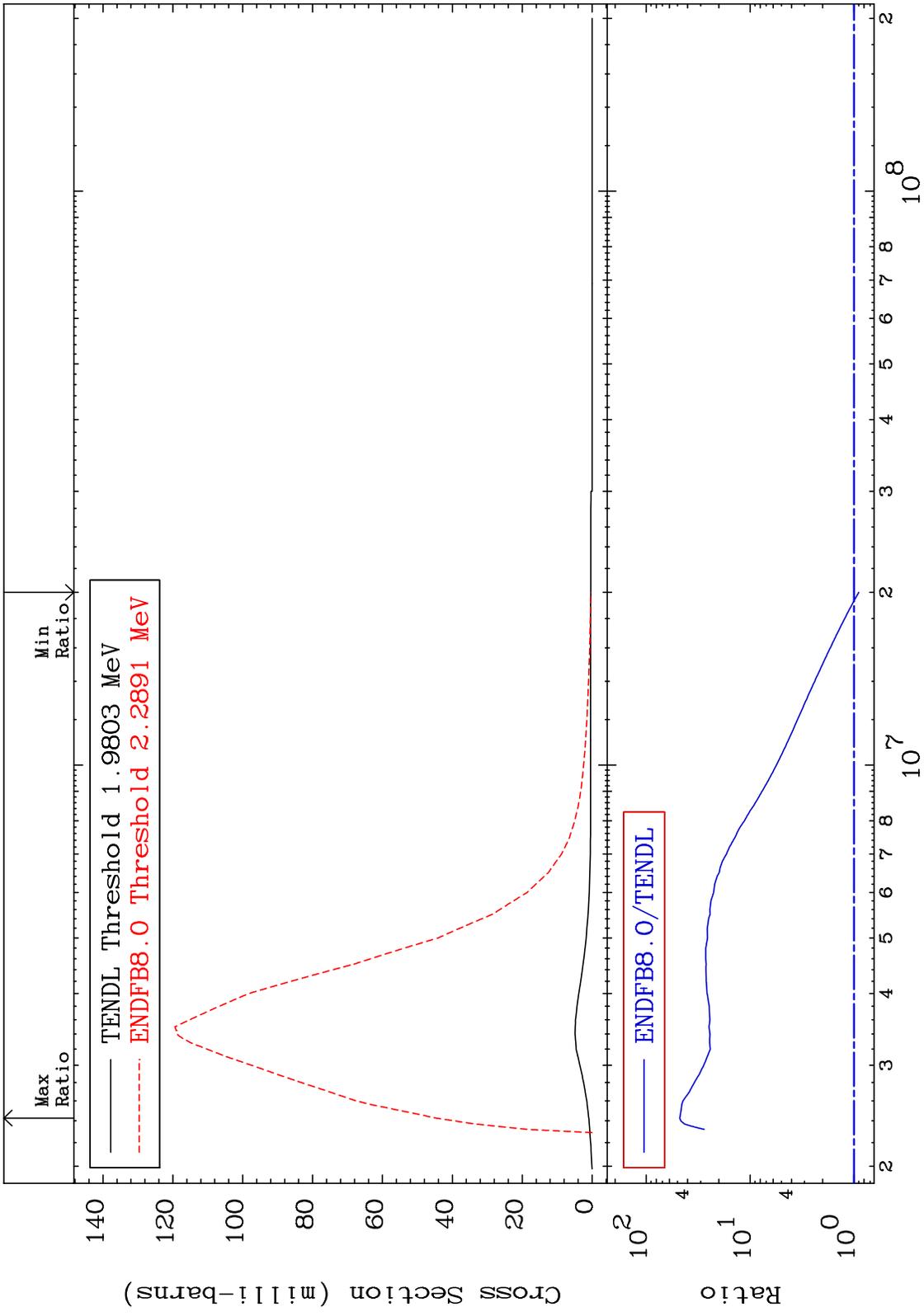
MAT 5455 MT= 55 (n,n') Level Cross Section 54-Xe-134 -99.28 To 9999. %



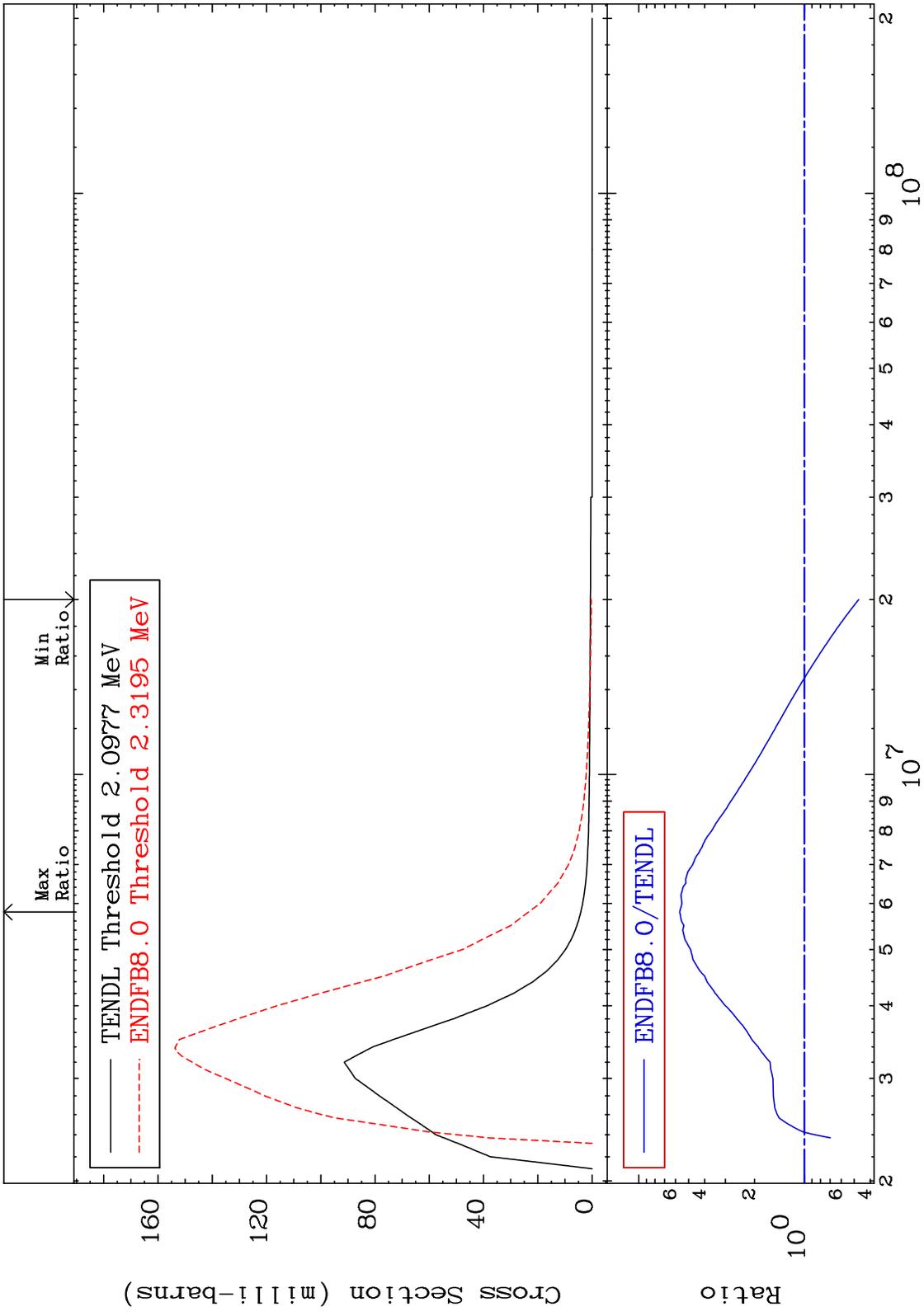
MAT 5455 MT= 56 (n,n') Level Cross Section 54-Xe-134 -75.41 To 9999. %



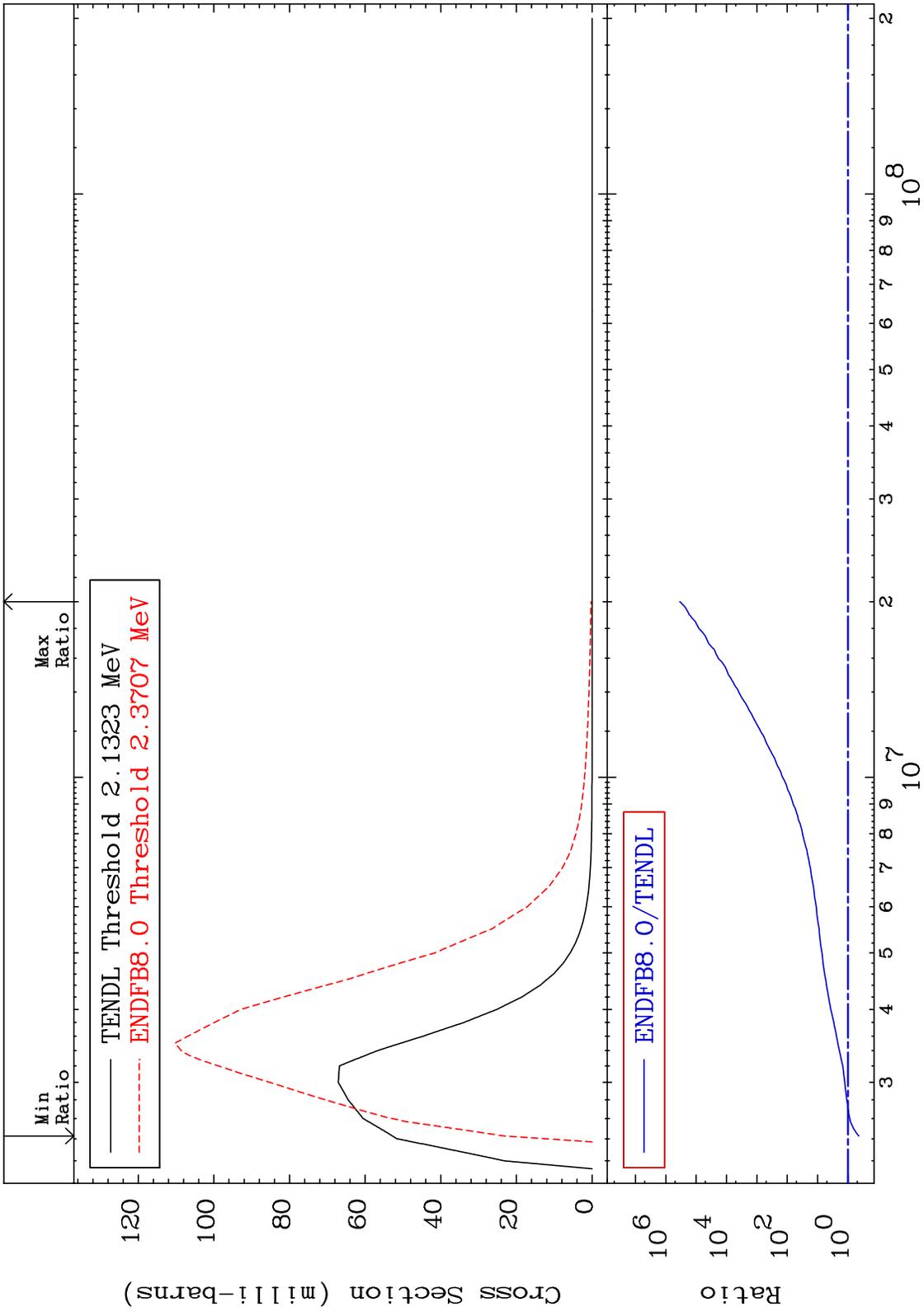
MAT 5455 MT= 57 (n,n') Level Cross Section 54-Xe-134 -10.17 To 4662. %



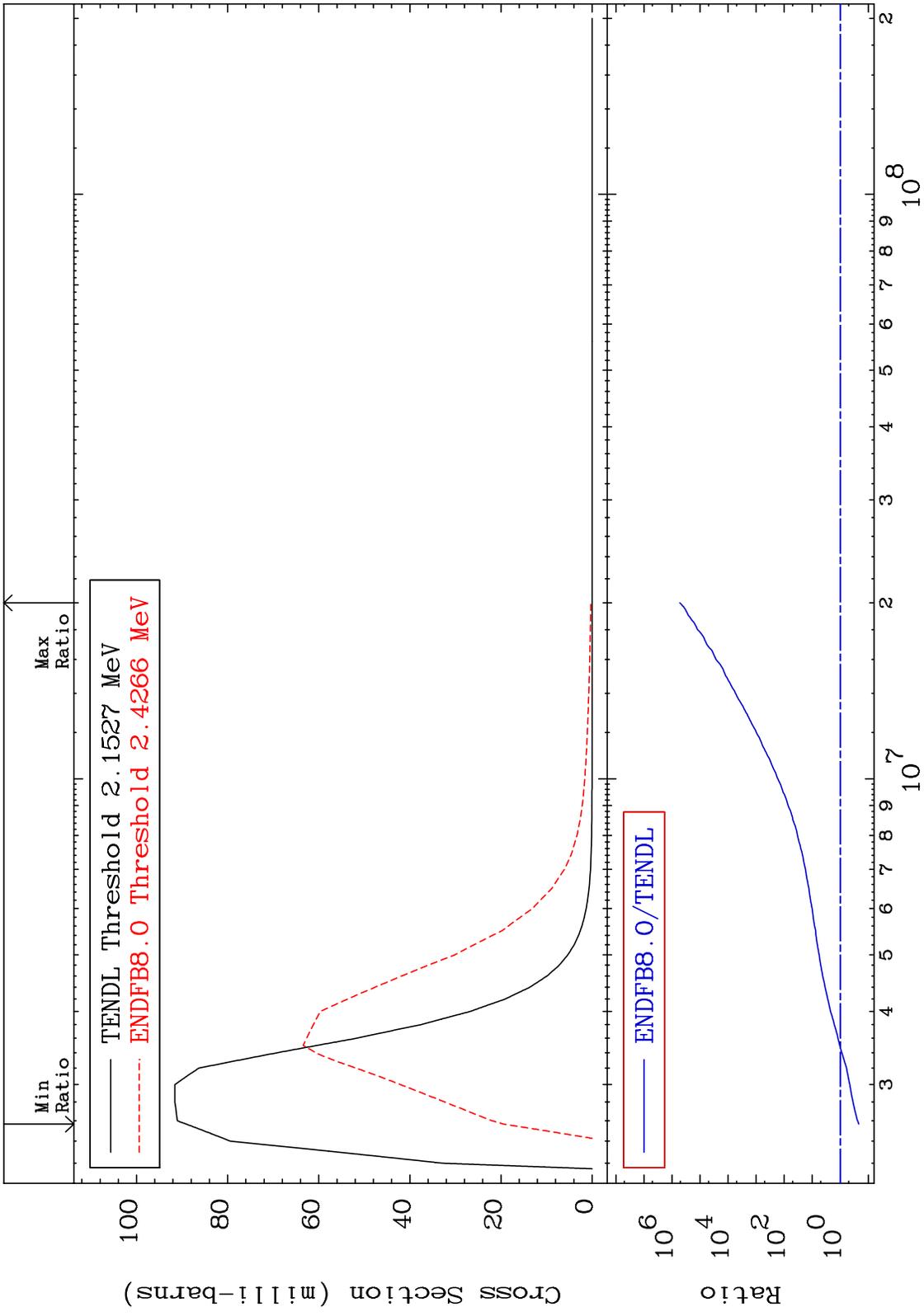
MAT 5455 MT= 58 (n,n') Level Cross Section 54-Xe-134 -53.07 To 466.0 %



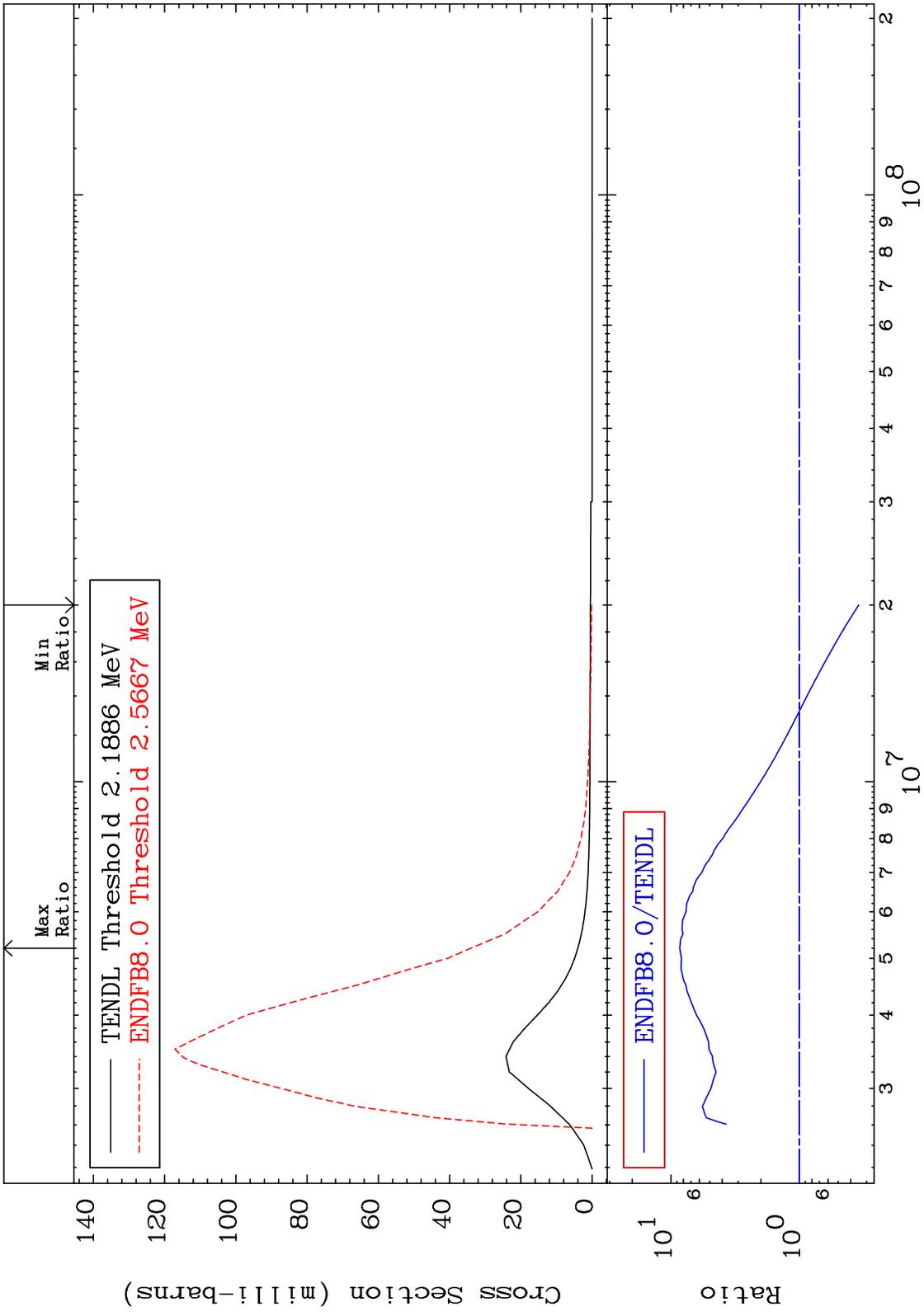
MAT 5455 MT= 59 (n,n') Level Cross Section 54-Xe-134
 -56.00 To 9999. %



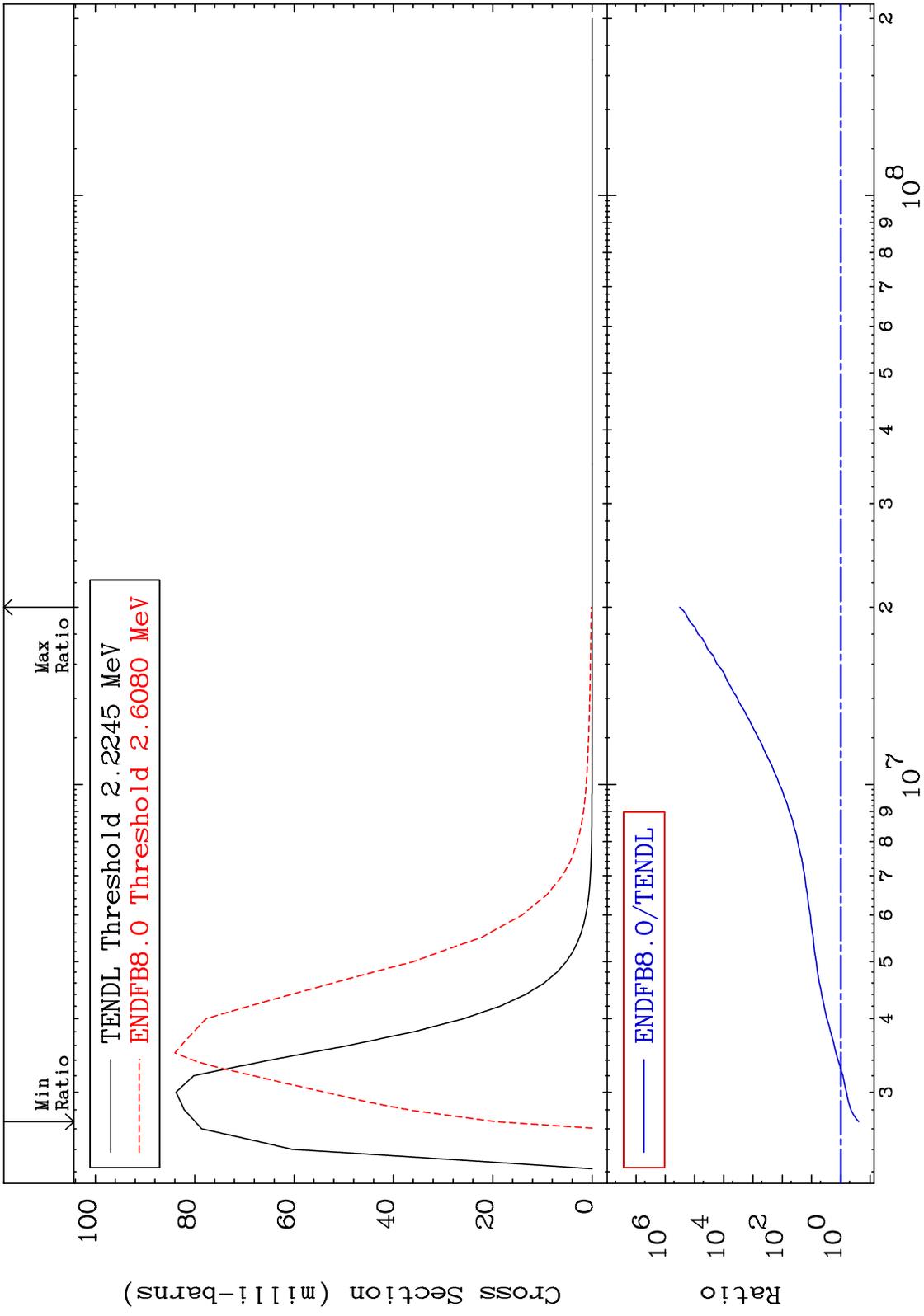
MAT 5455 MT= 60 (n,n') Level Cross Section 54-Xe-134
 -78.16 To 9999. %



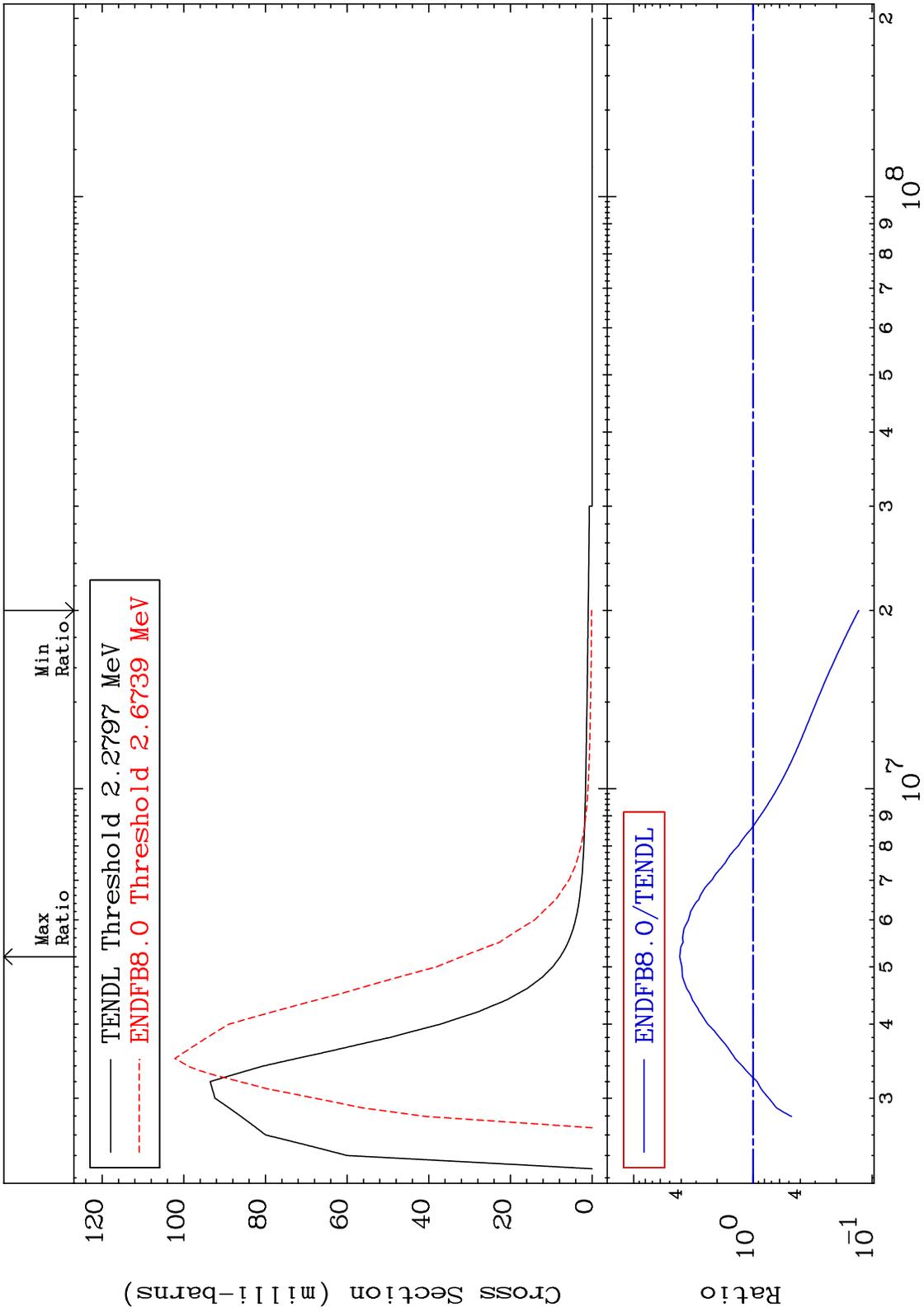
MAT 5455 MT= 61 (n,n') Level Cross Section 54-Xe-134 -65.42 To 754.1 %



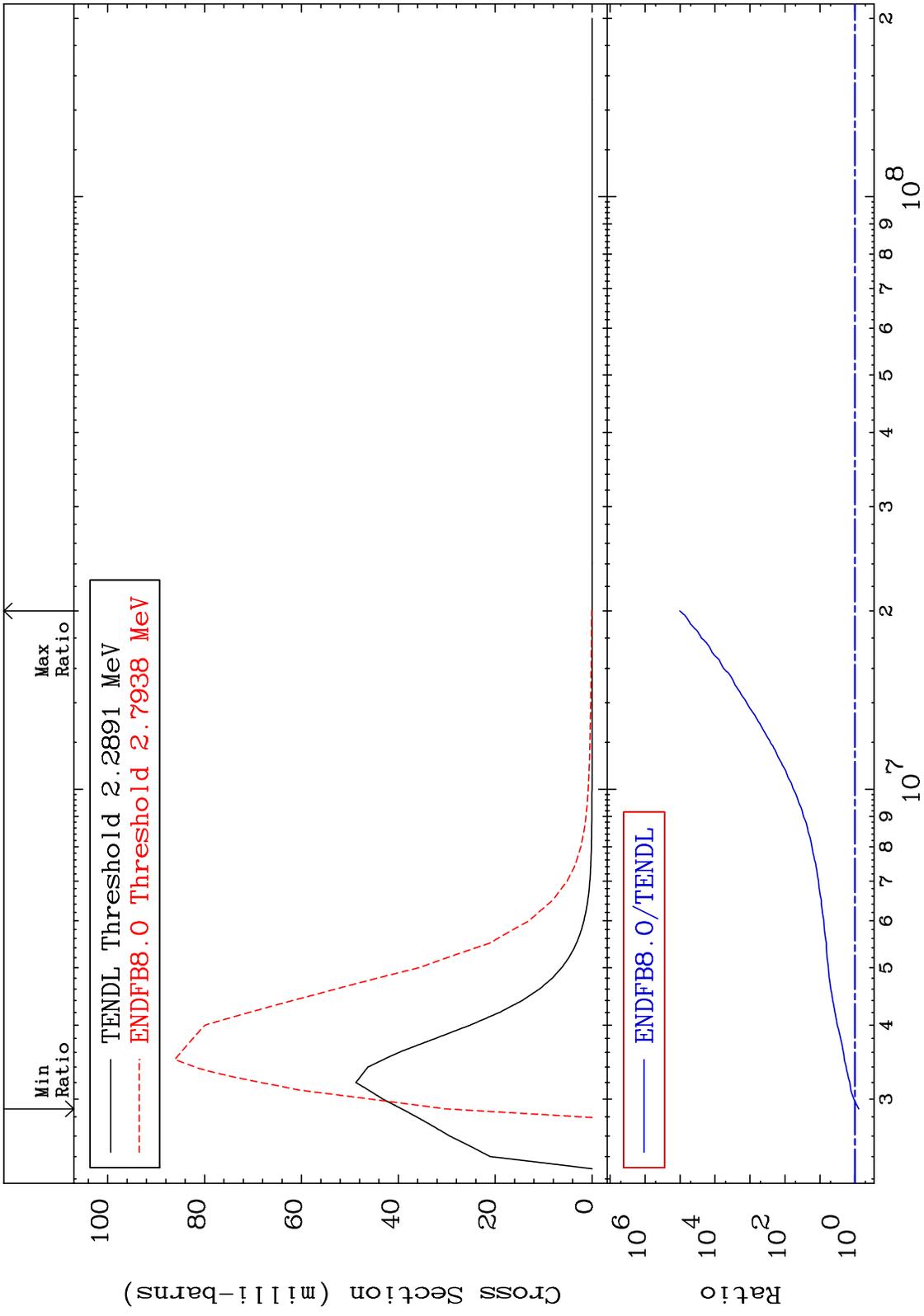
MAT 5455 MT= 62 (n,n') Level Cross Section 54-Xe-134
 -75.73 To 9999. %



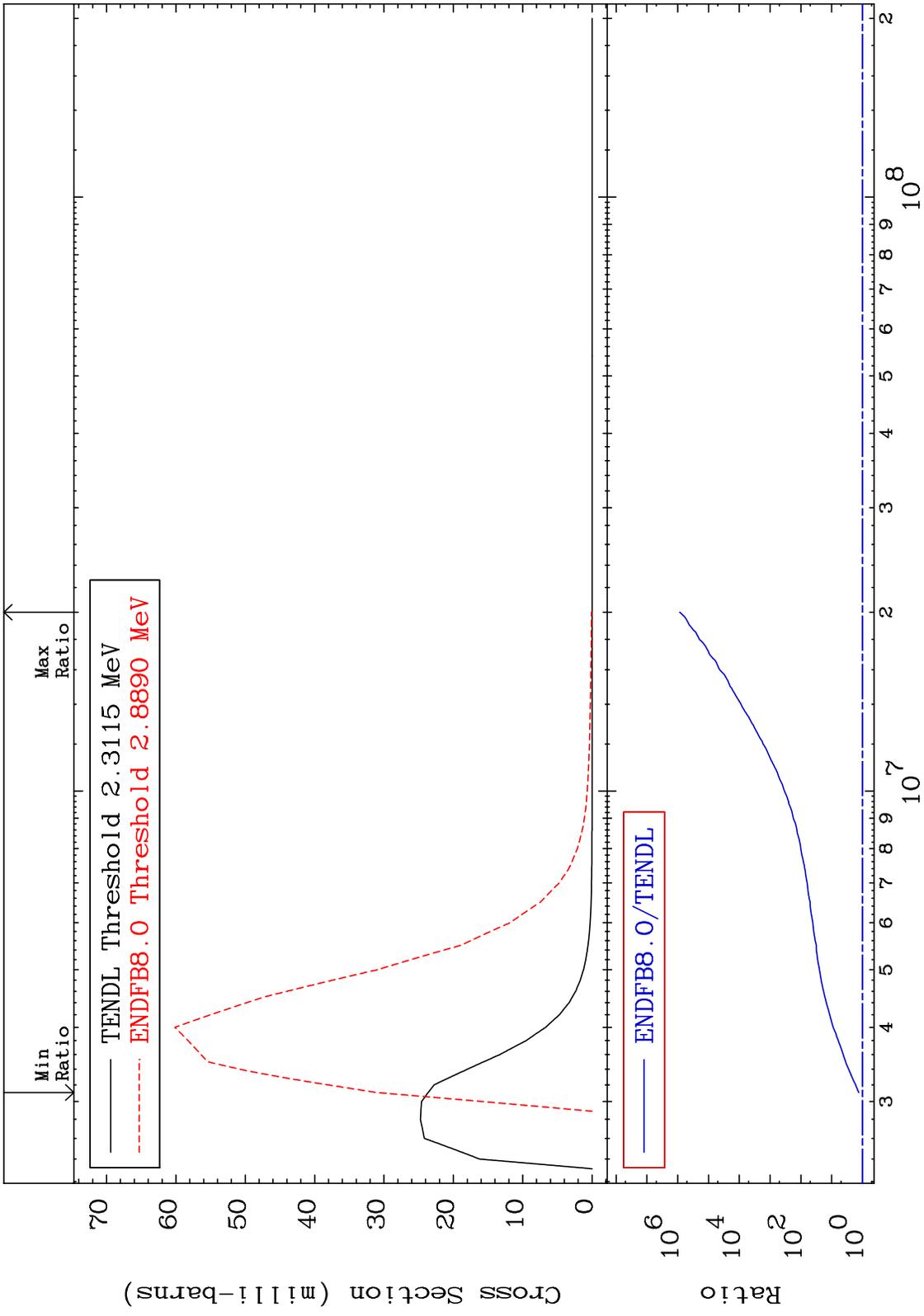
MAT 5455 MT= 63 (n,n') Level Cross Section 54-Xe-134 -87.06 To 311.3 %



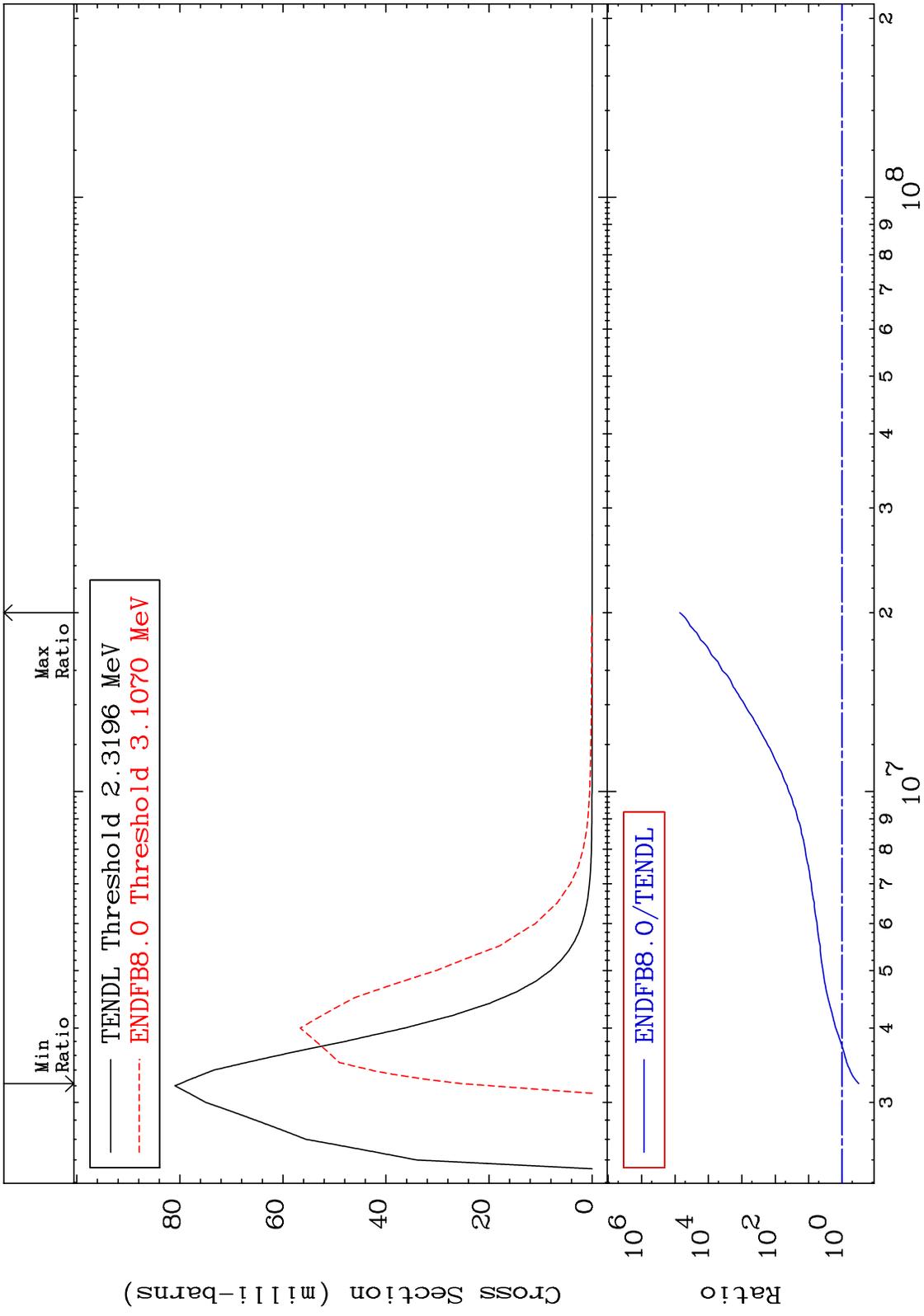
MAT 5455 MT= 64 (n,n') Level Cross Section 54-Xe-134 -22.82 To 9999. %



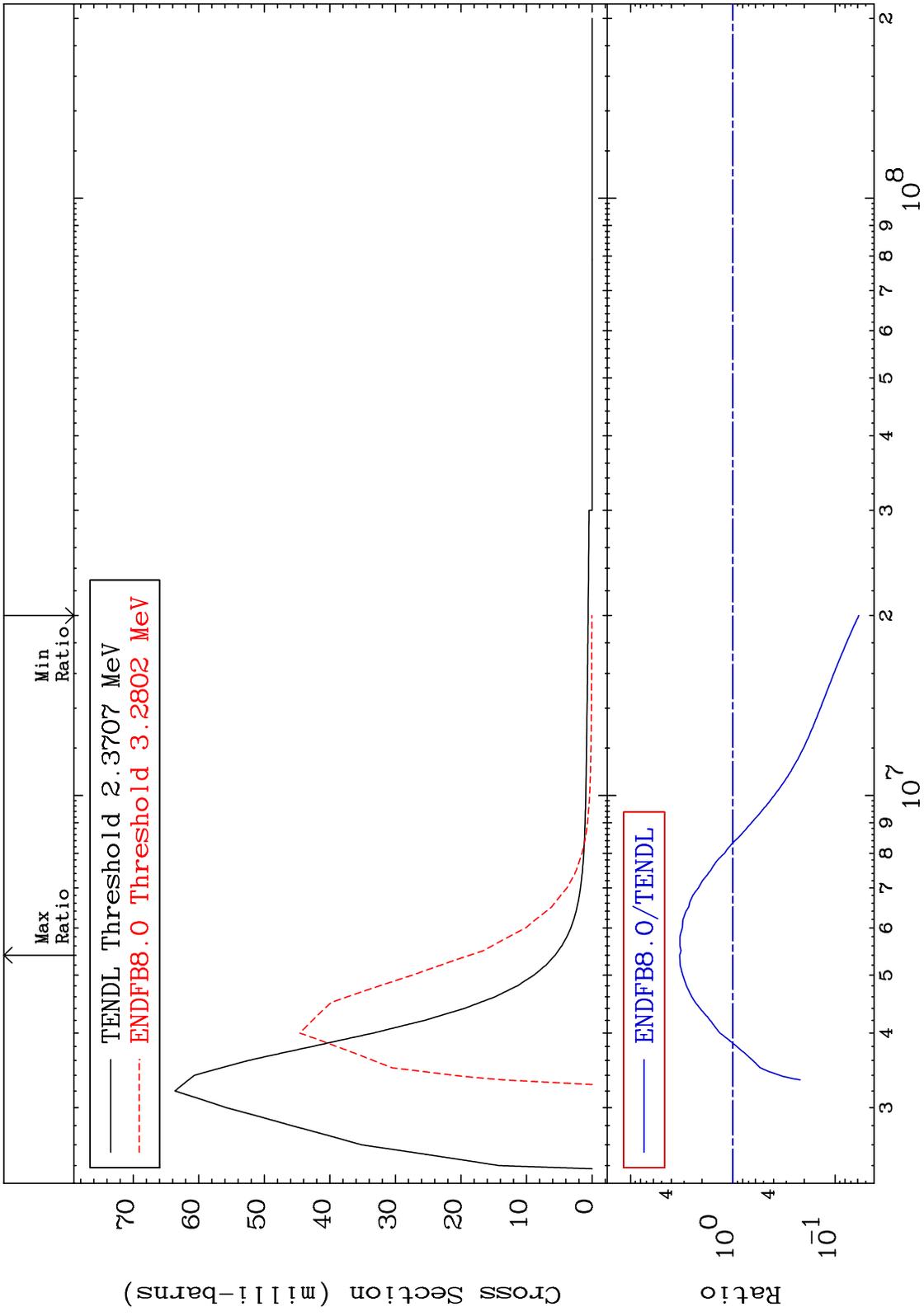
MAT 5455 MT= 65 (n,n') Level Cross Section 54-Xe-134 To 9999. %
 31.79



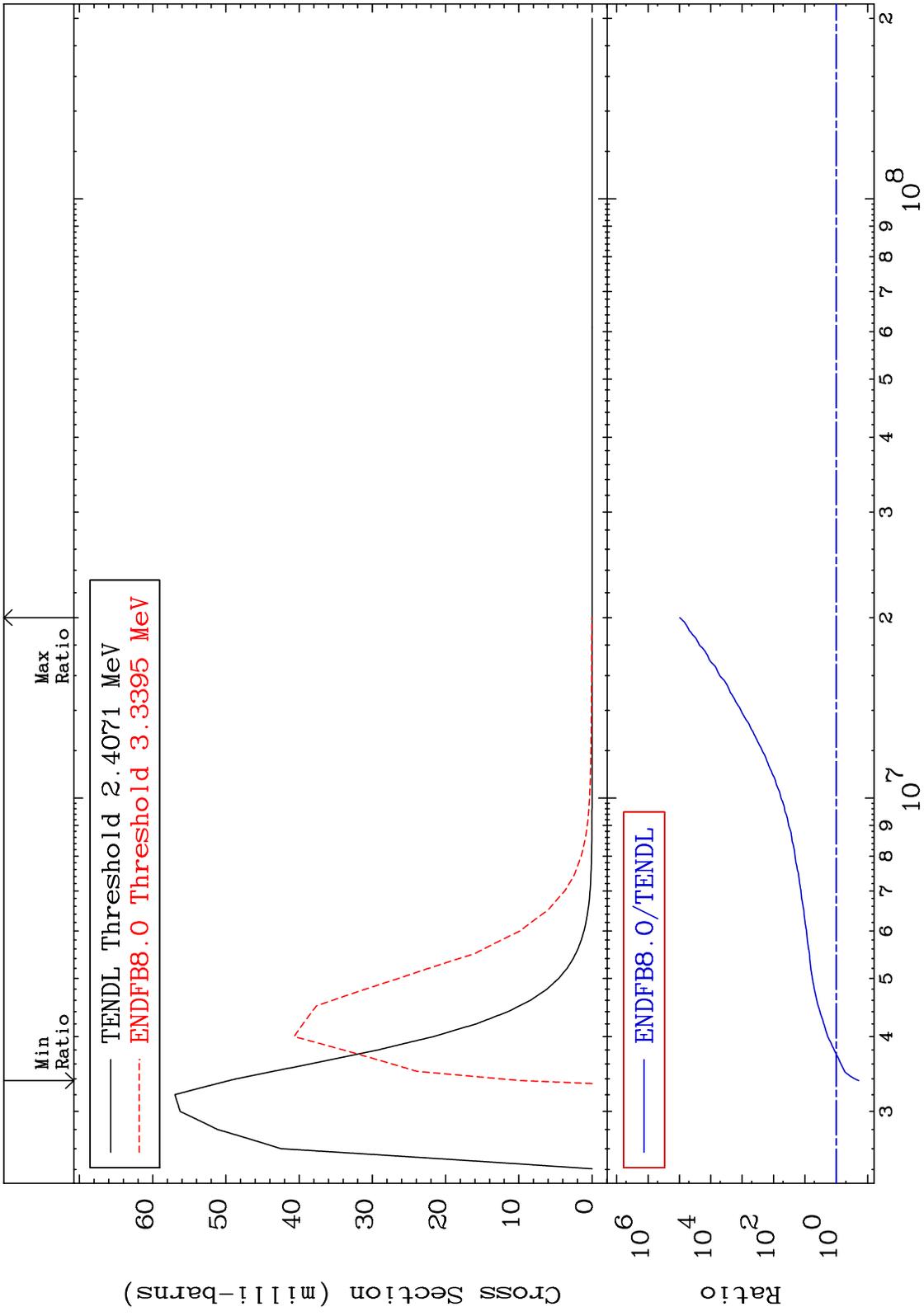
MAT 5455 MT= 66 (n,n') Level Cross Section 54-Xe-134
 -68.36 To 9999. %



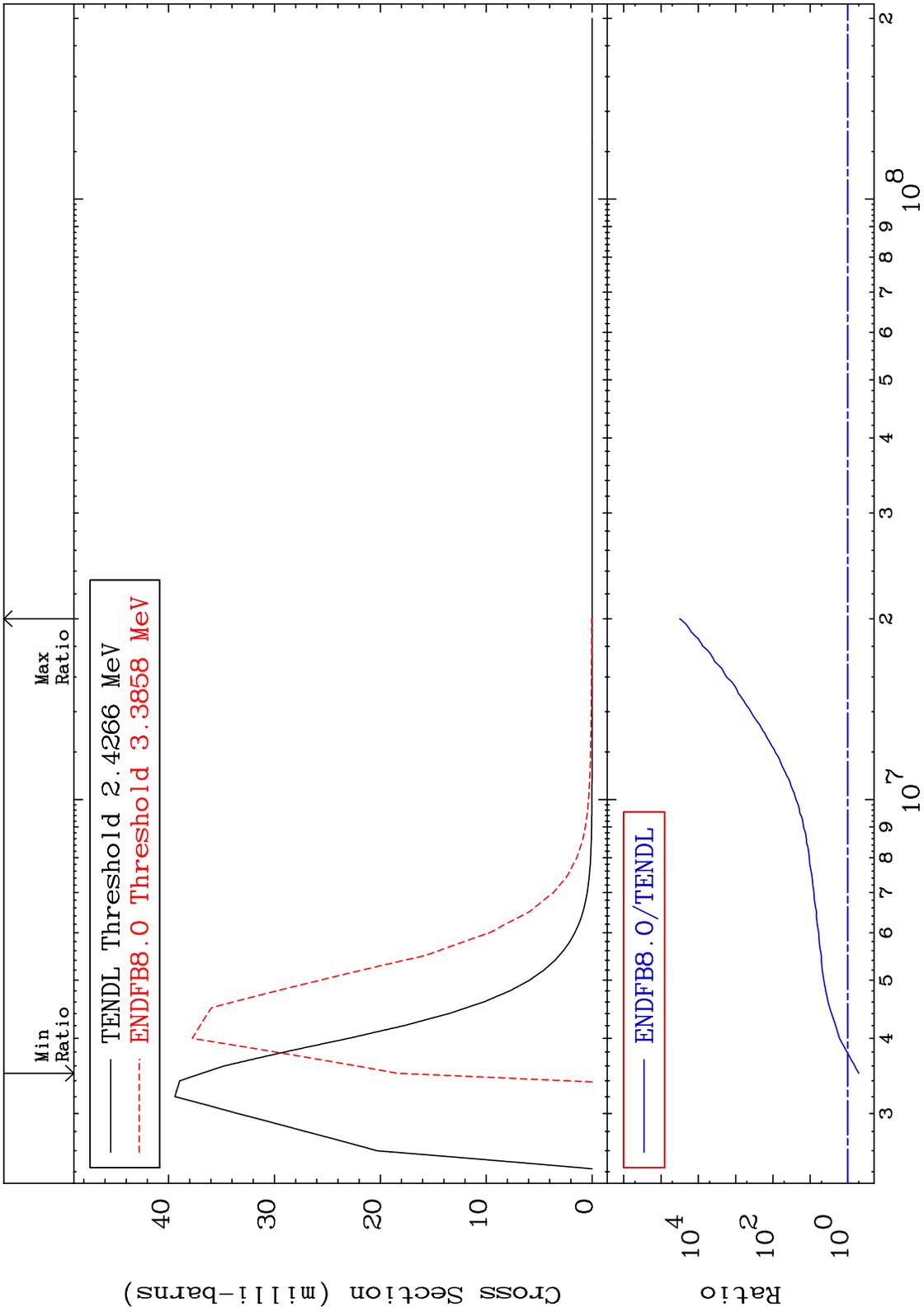
MAT 5455 MT= 67 (n,n') Level Cross Section 54-Xe-134 -94.15 To 230.9 %



MAT 5455 MT= 68 (n,n') Level Cross Section 54-Xe-134
 -80.81 To 9999. %



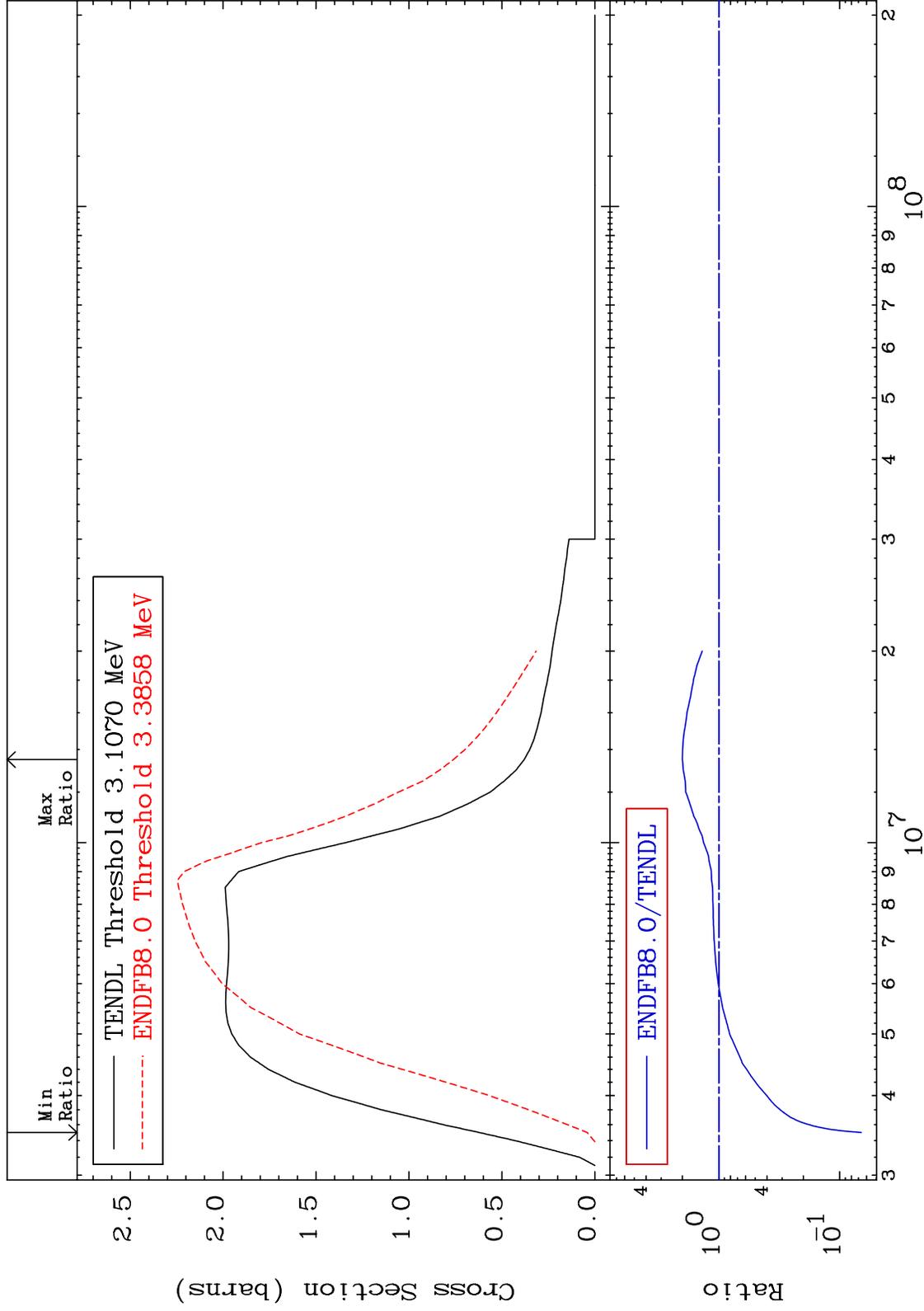
MAT 5455 MT= 69 (n,n') Level Cross Section 54-Xe-134
 -50.08 To 9999. %



MAT 5455

(n, n') Continuum
Cross Section

54-Xe-134
-93.37 To 99.94 %

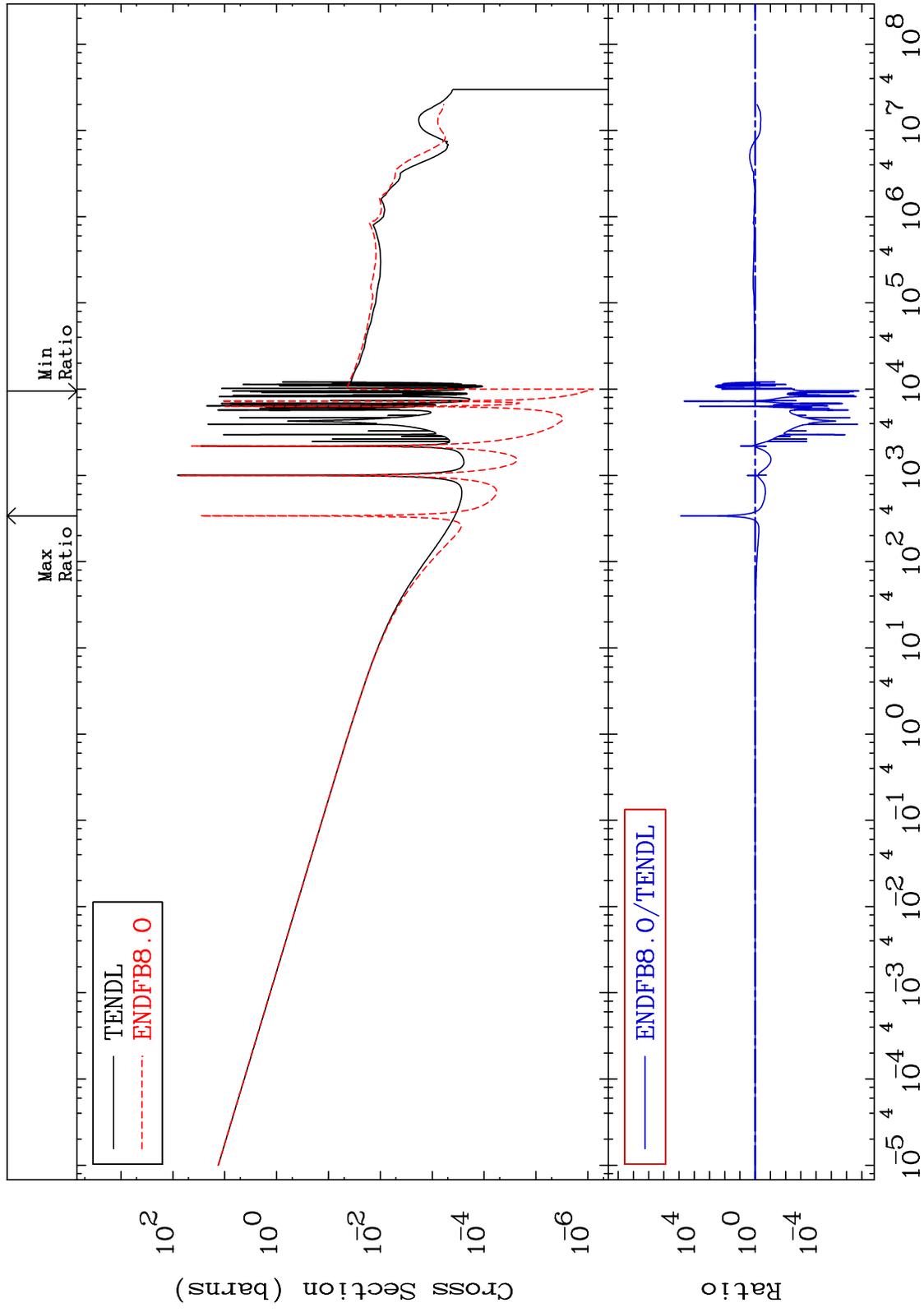


MAT 5455

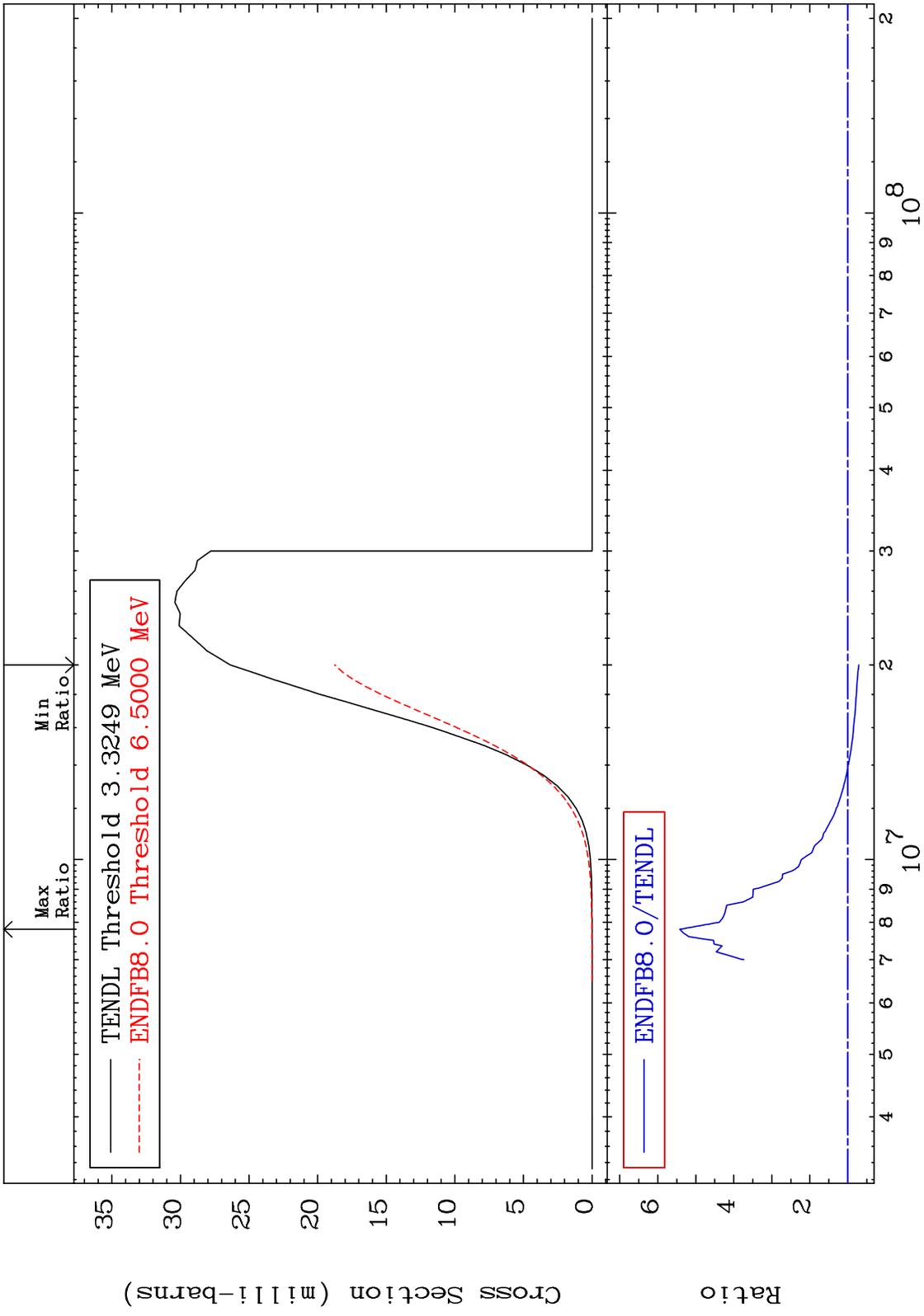
(n, γ)

54-Xe-134

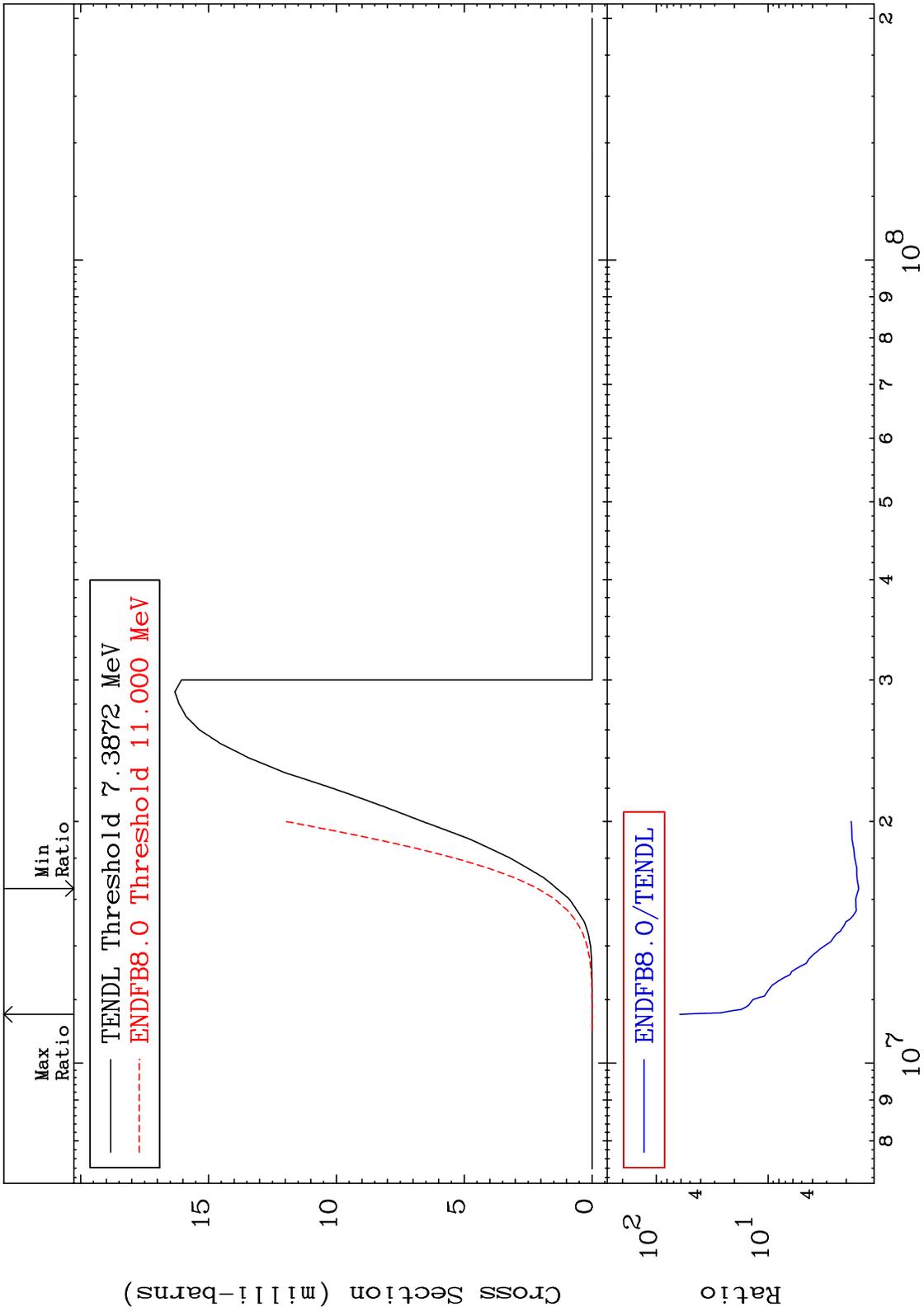
-100.0 To 9999. %



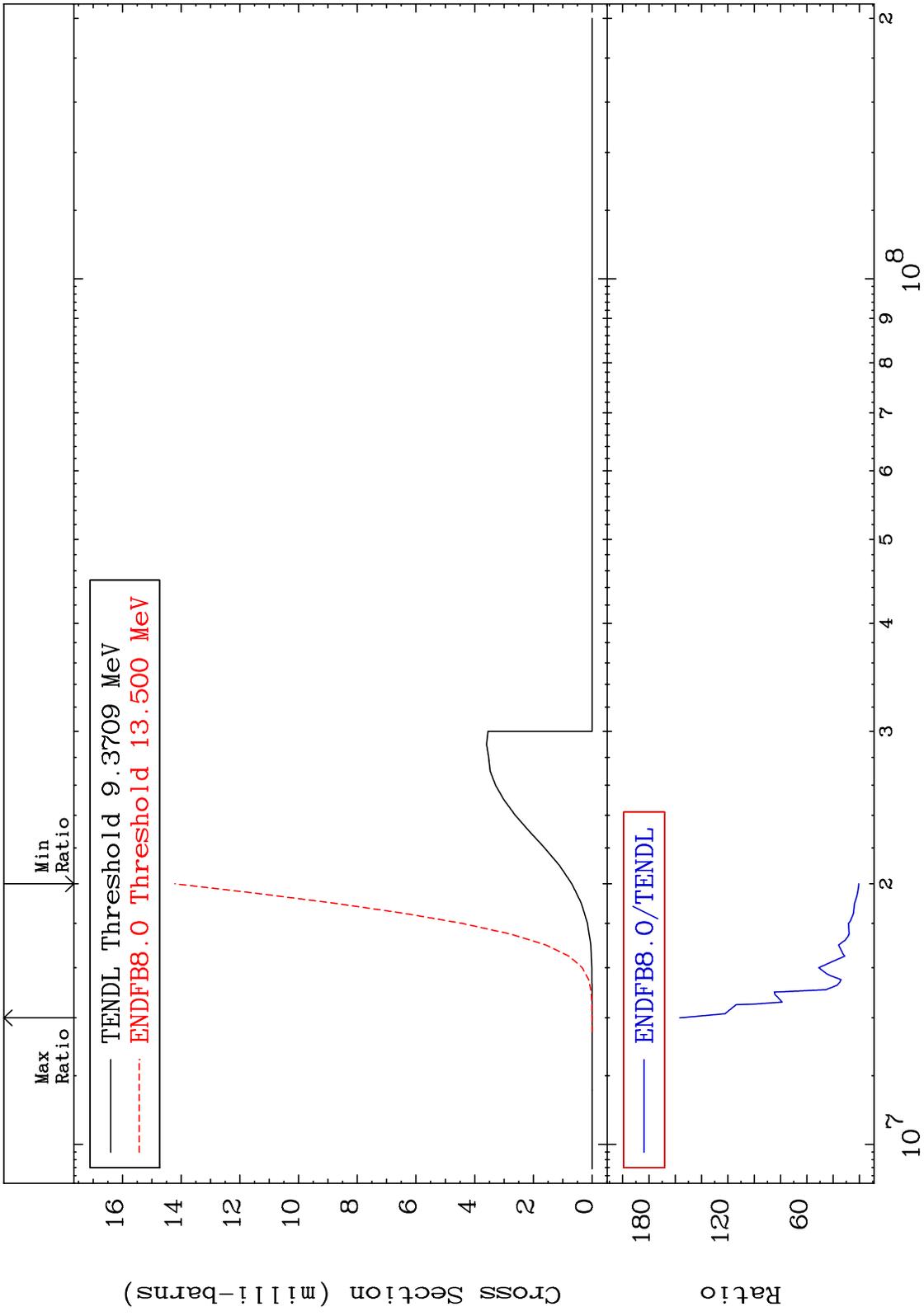
MAT 5455 (n,p) Cross Section 54-Xe-134 -28.86 To 442.2 %



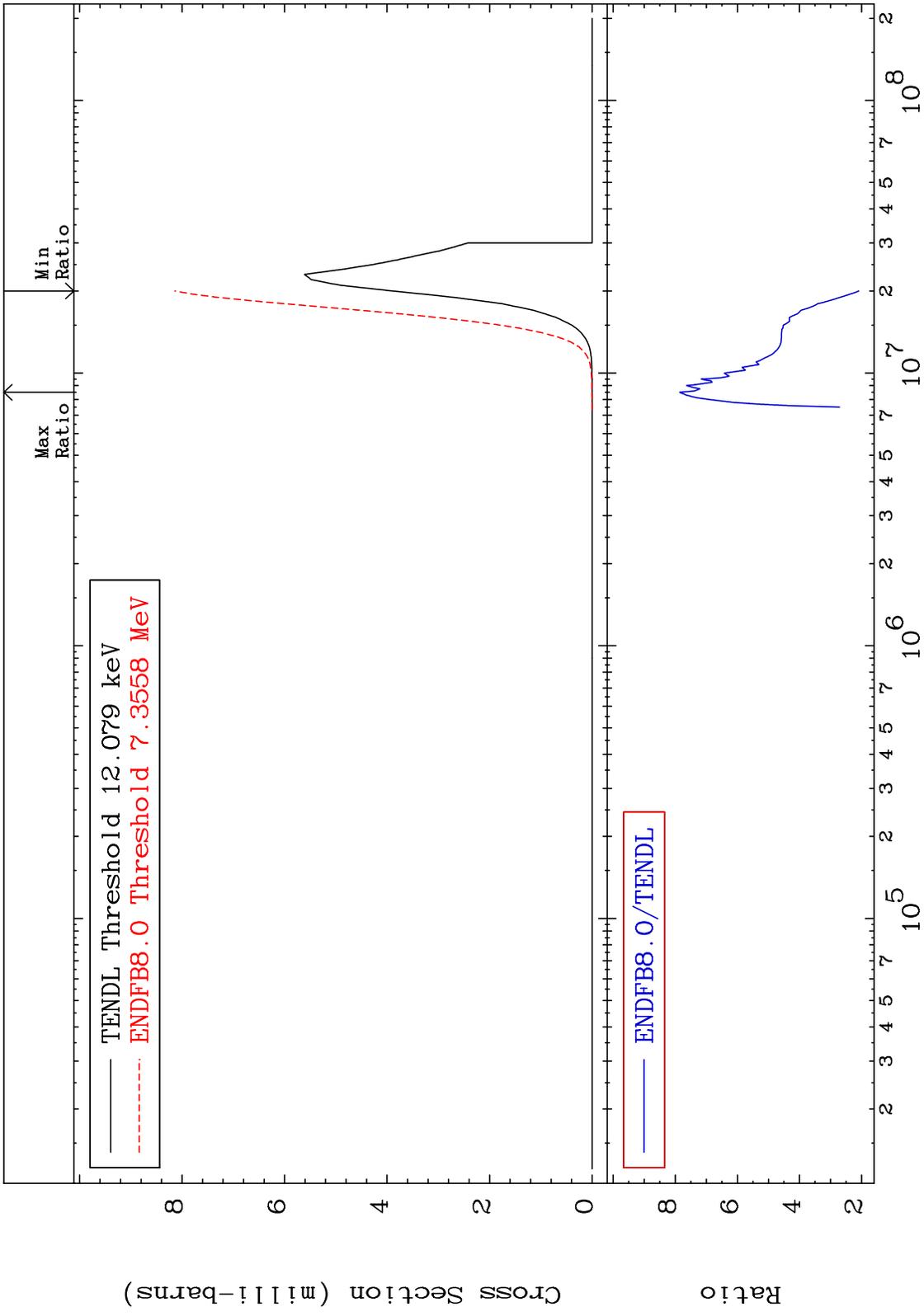
MAT 5455 (n,d) Cross Section 54-Xe-134 To 6059. %

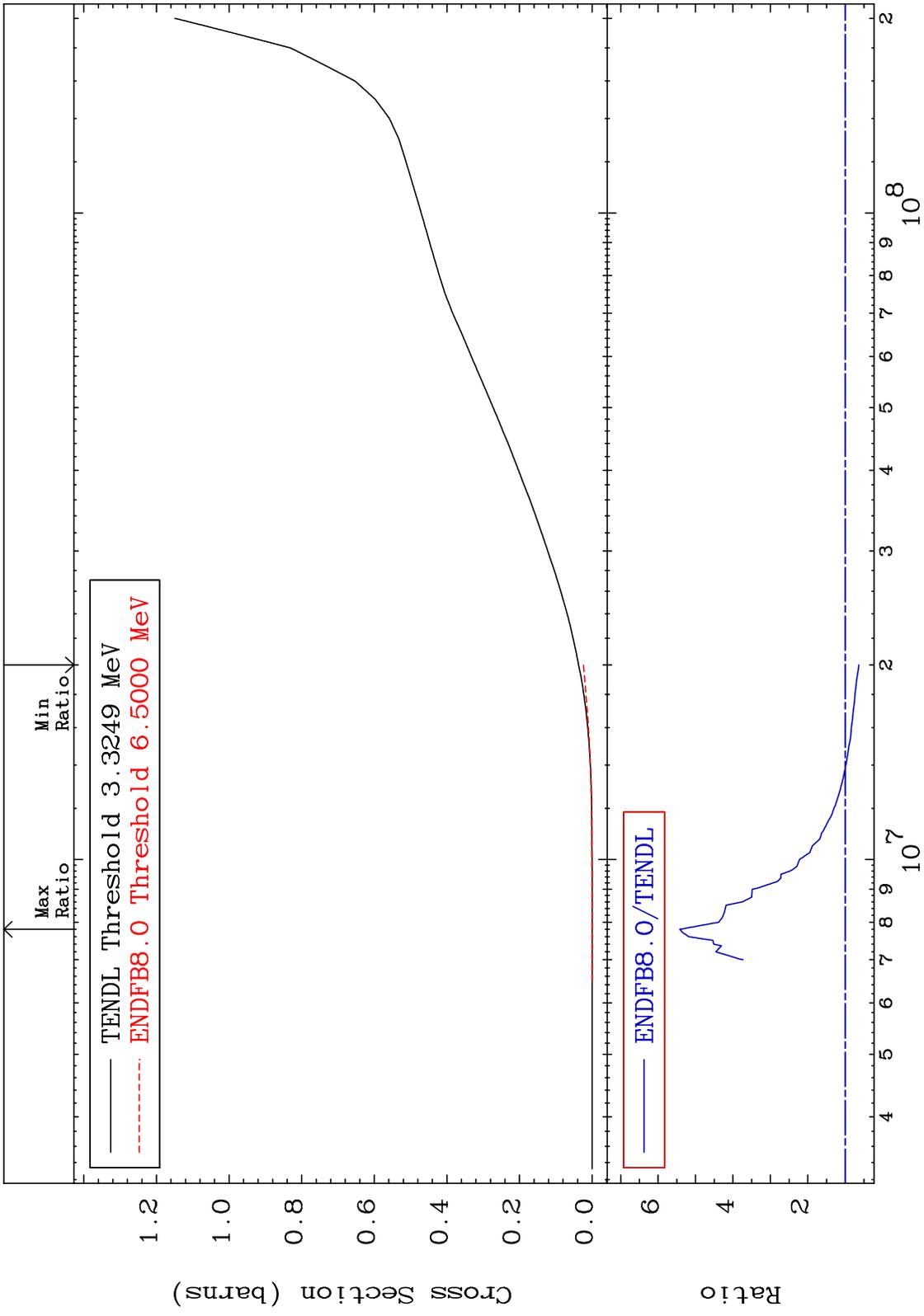


MAT 5455 (n,t) Cross Section 54-Xe-134 1954. To 9999. %

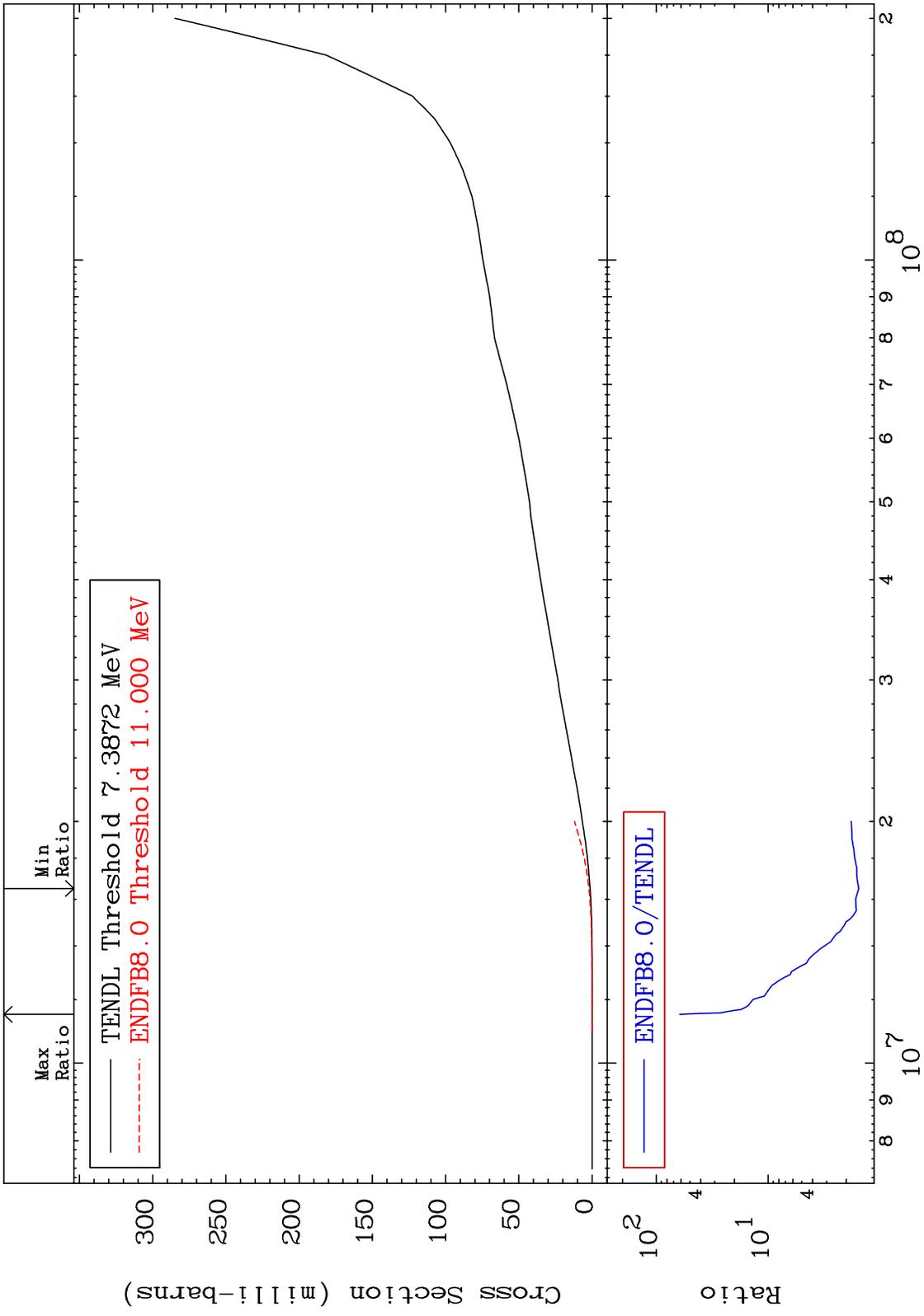


MAT 5455 (n,α) Cross Section 54-Xe-134 109.1 To 685.6 %





MAT 5455 Deuterium Production Cross Section 54-Xe-134 To 6059. %

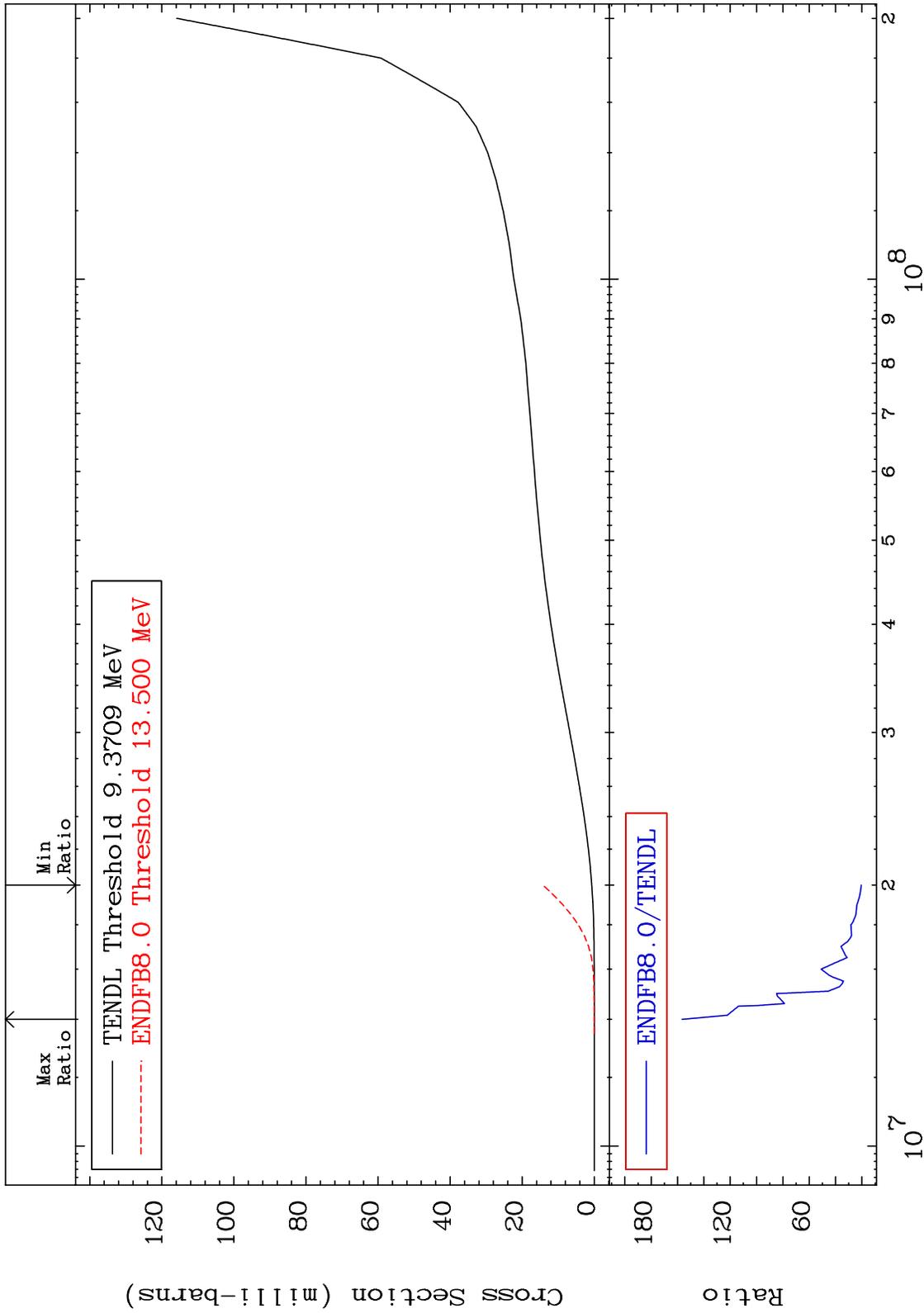


34 54-Xe-134 Incident Energy (eV)

MAT 5455

Tritium Production
Cross Section

54-Xe-134
1954. To 9999. %

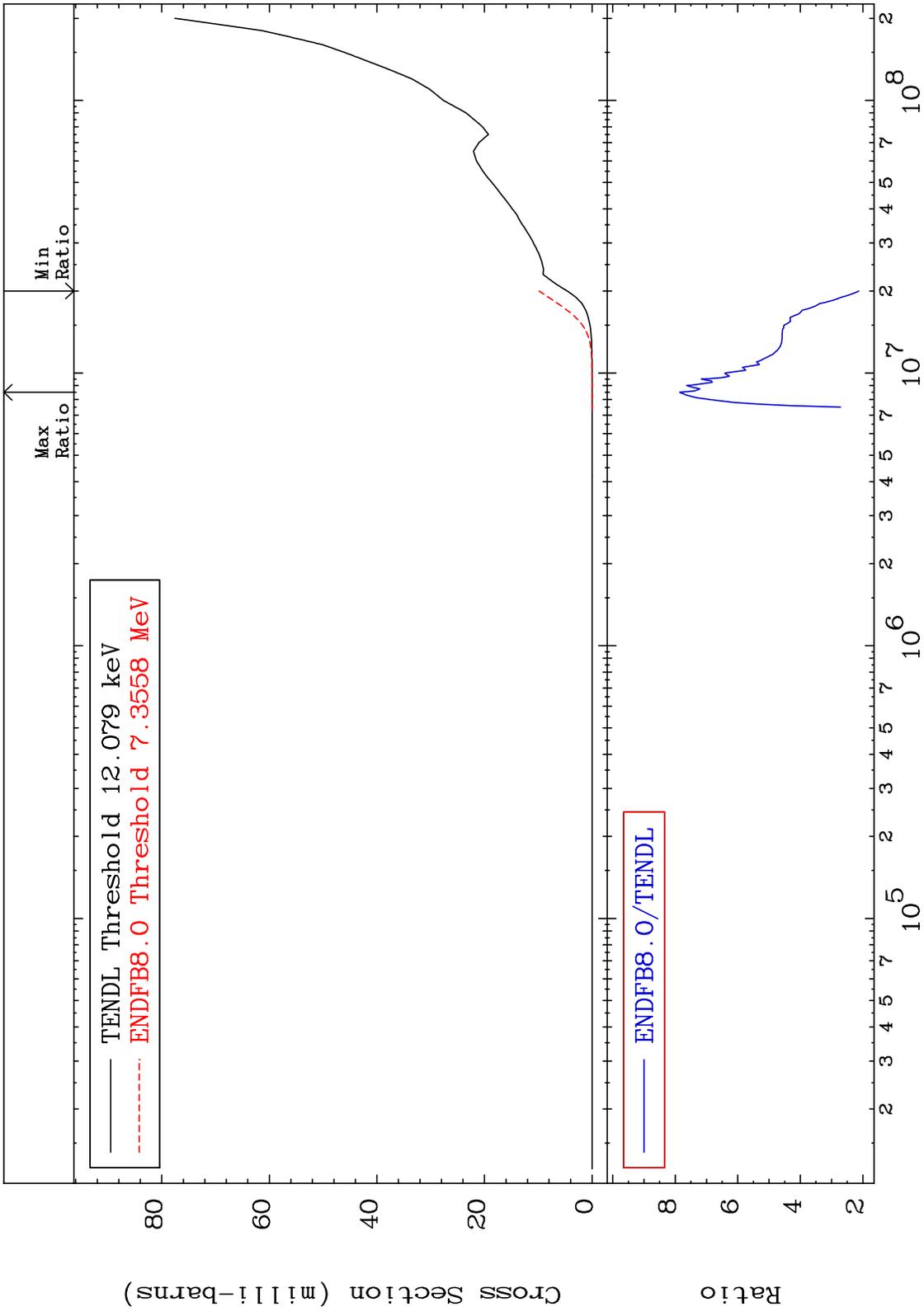


35

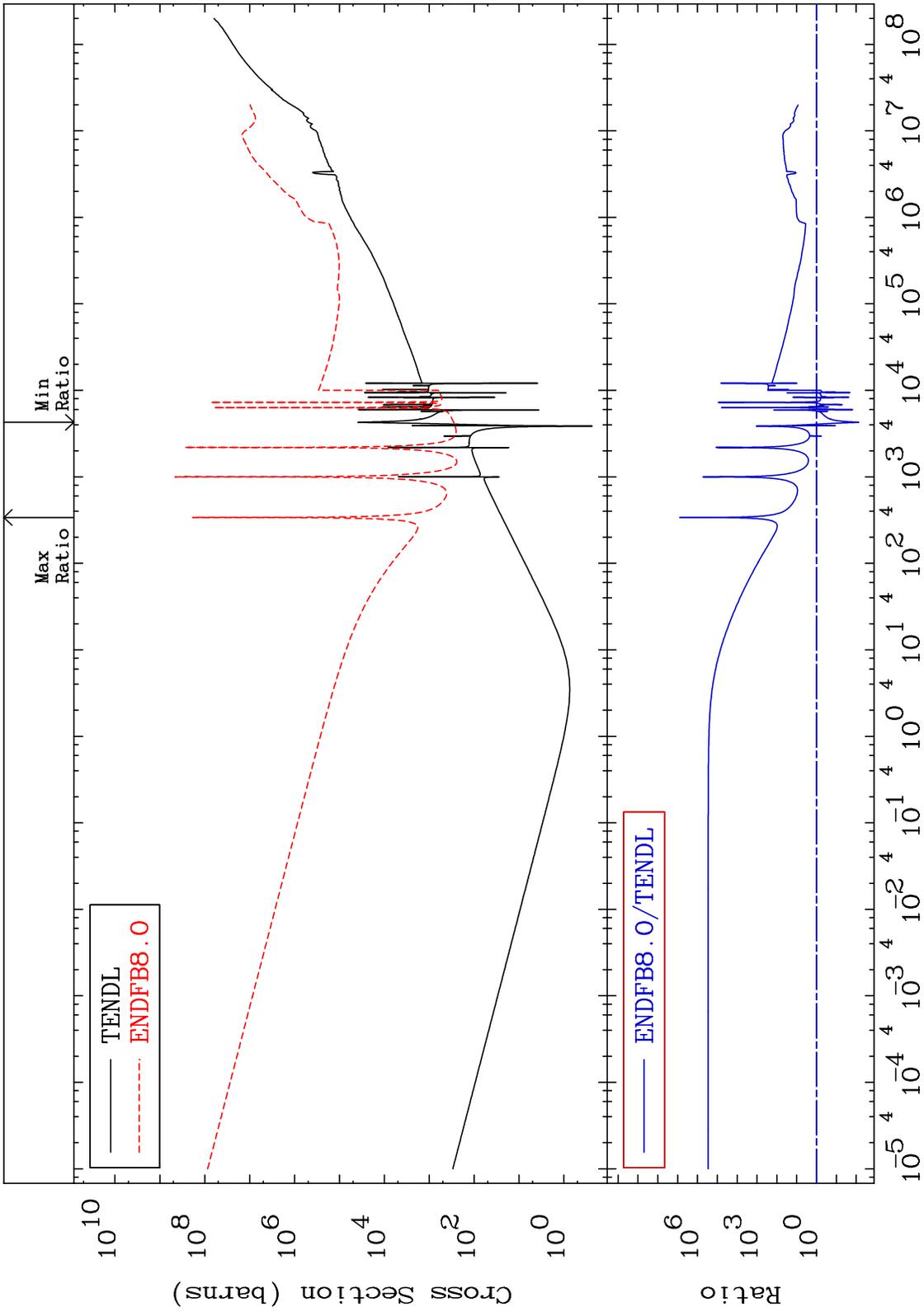
Incident Energy (eV)

54-Xe-134

MAT 5455 He-4 Production Cross Section 54-Xe-134 113.0 To 685.6 %



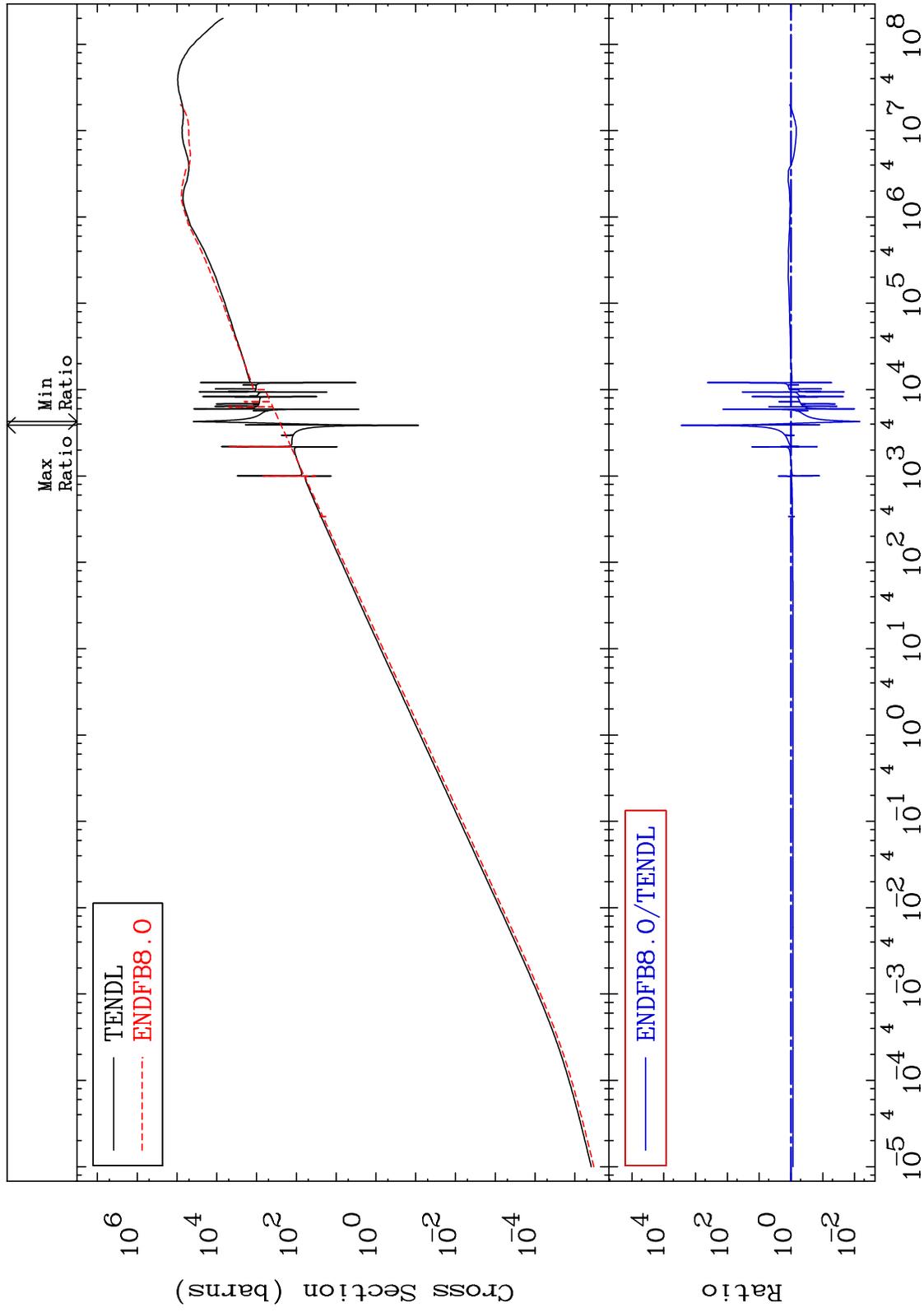
MAT 5455 Kerma total (eV-barns) 54-Xe-134
 Cross Section -99.26 To 9999. %



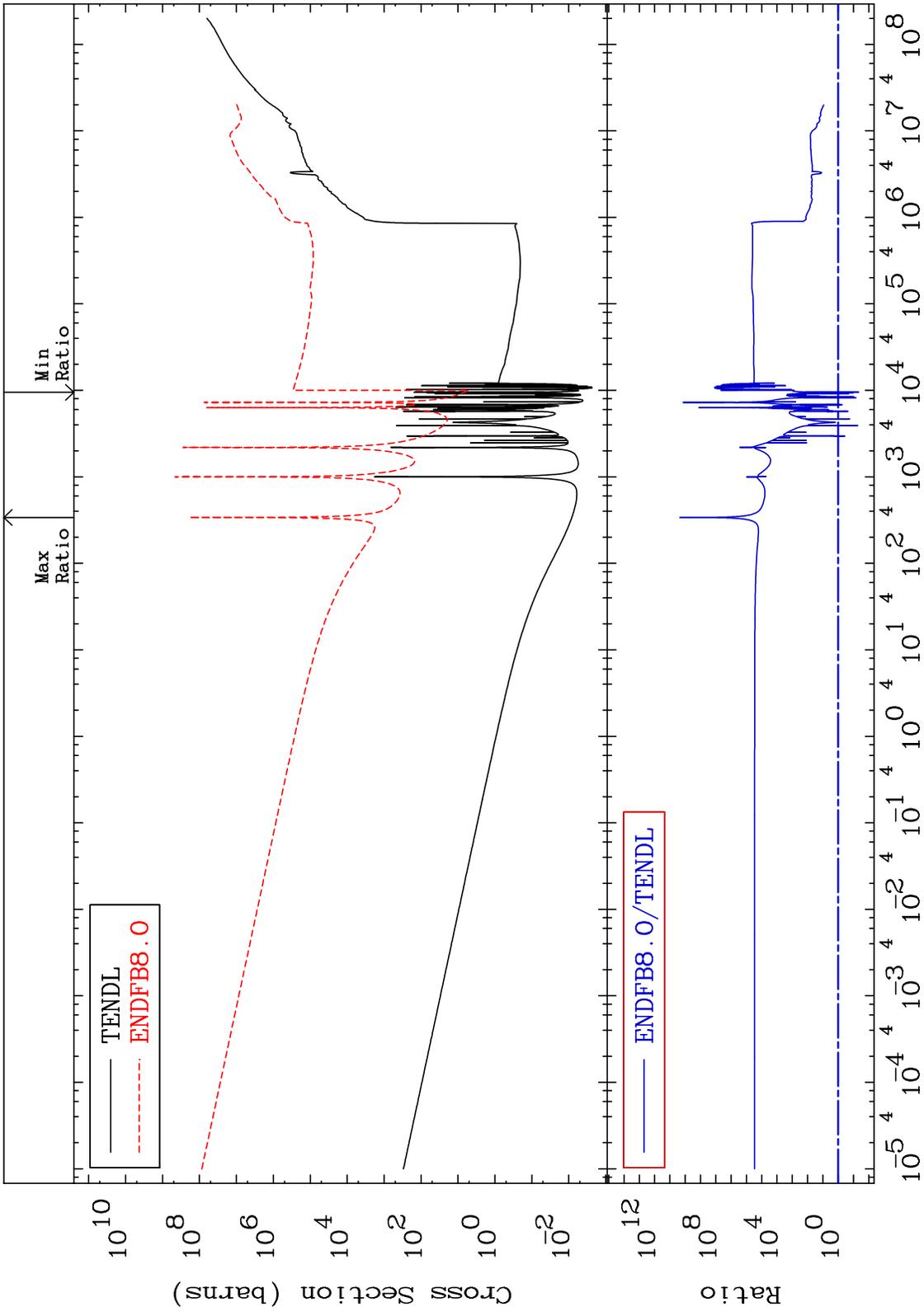
MAT 5455

Kerma elastic
Cross Section

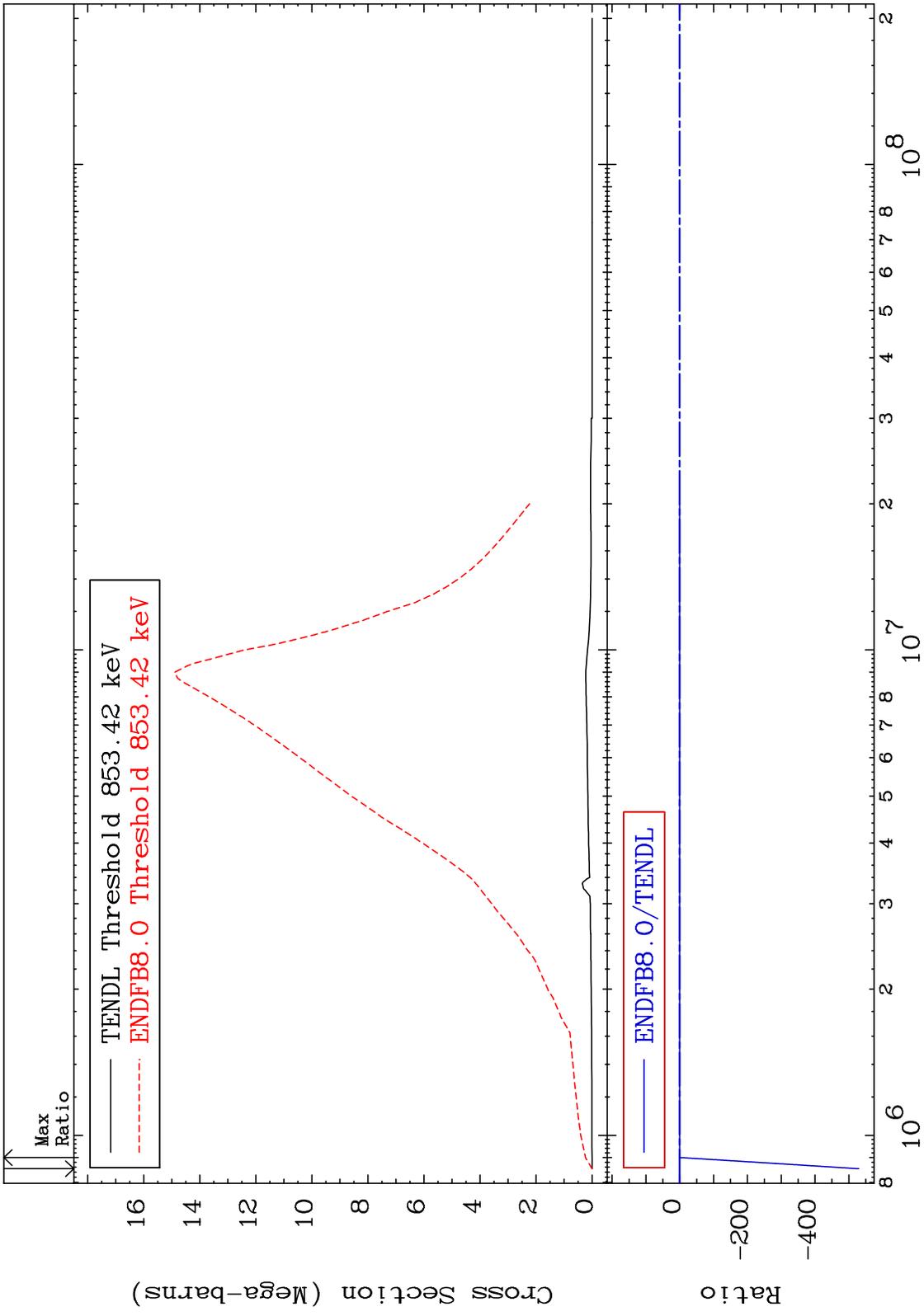
54-Xe-134
-99.31 To 9999. %



MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 -95.54 To 9999. %
 Cross Section



MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134
Cross Section -9999. To 9999. %

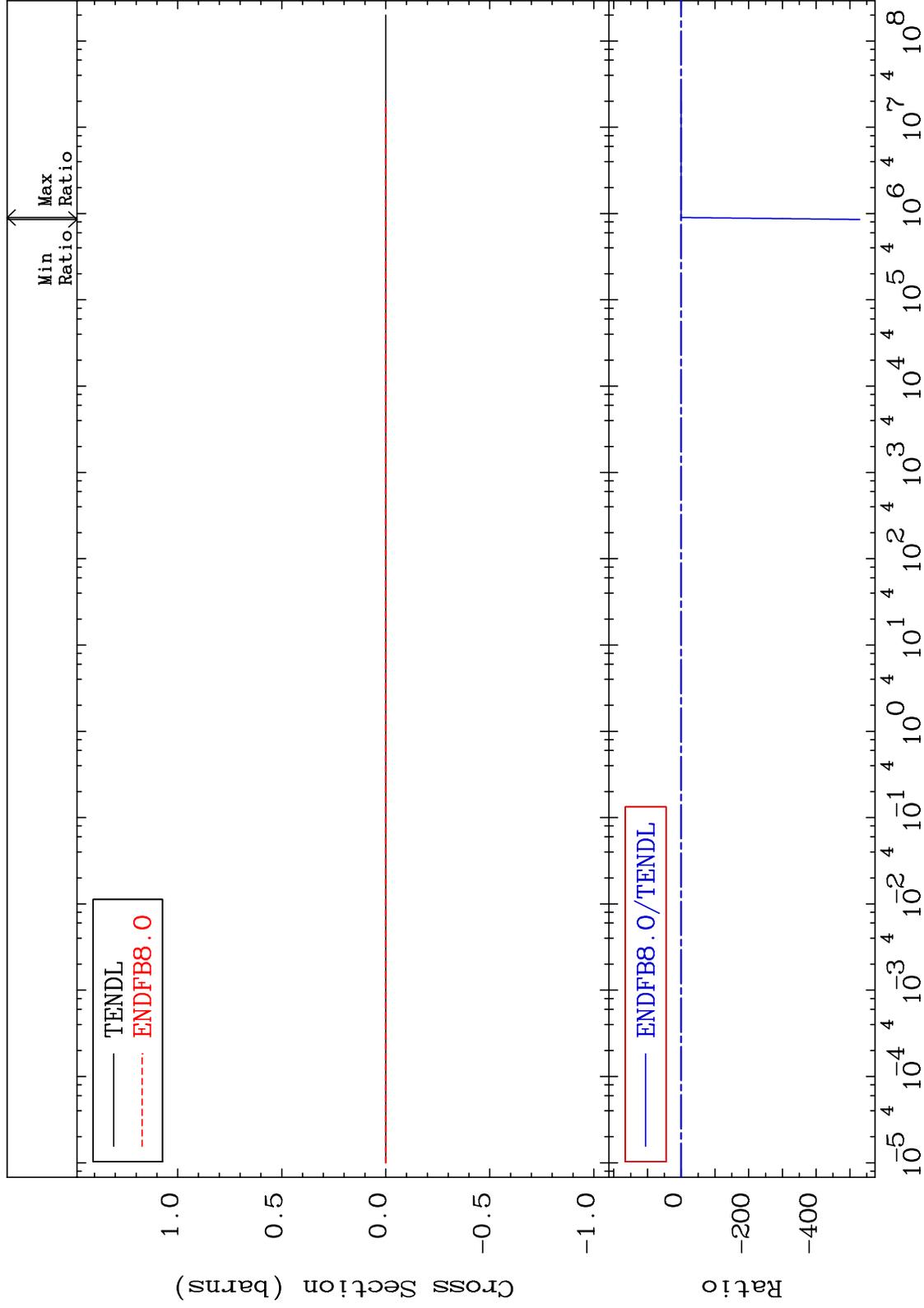


40 Incident Energy (eV) 54-Xe-134

MAT 5455

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

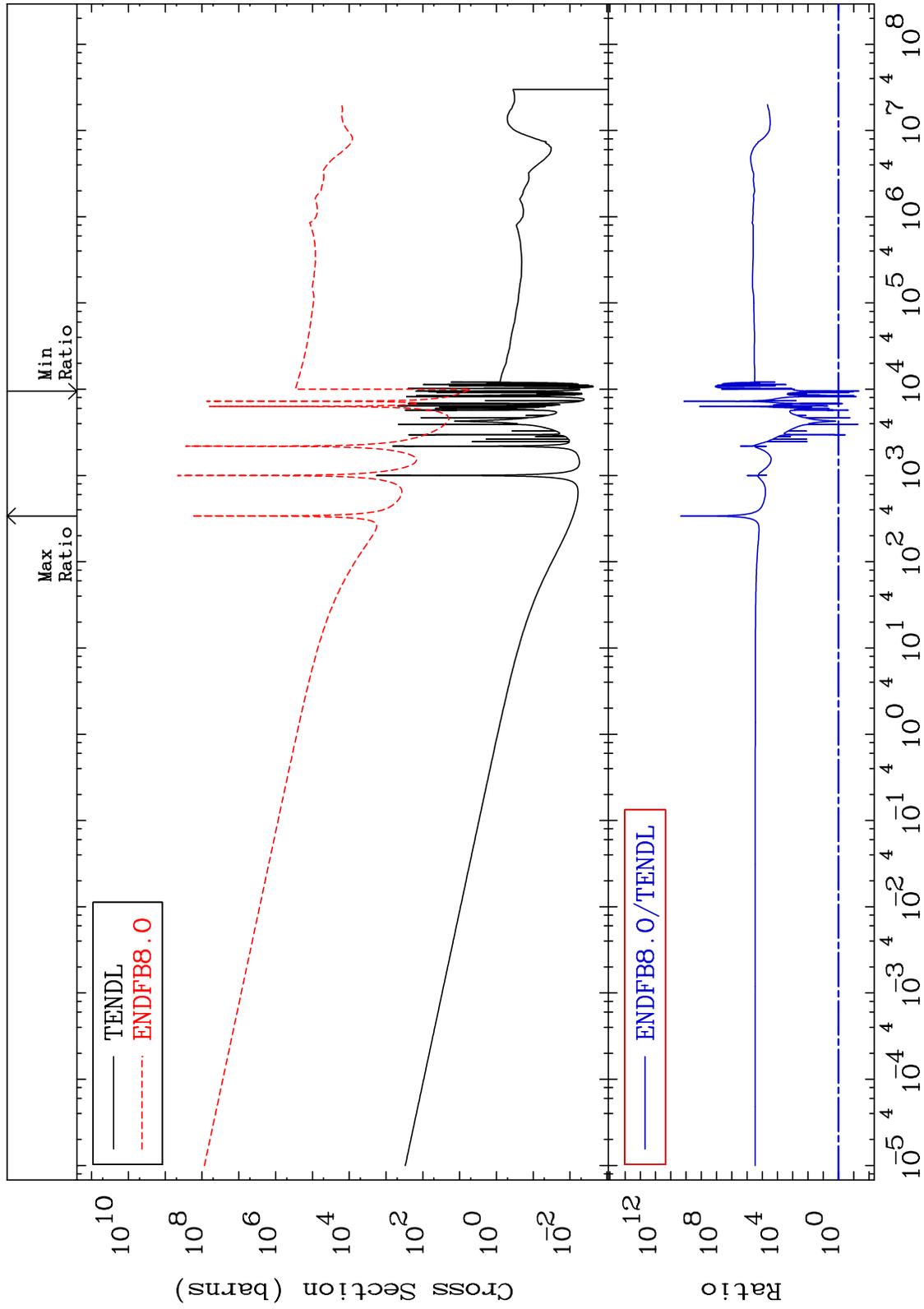
54-Xe-134
-9999. To 9999. %



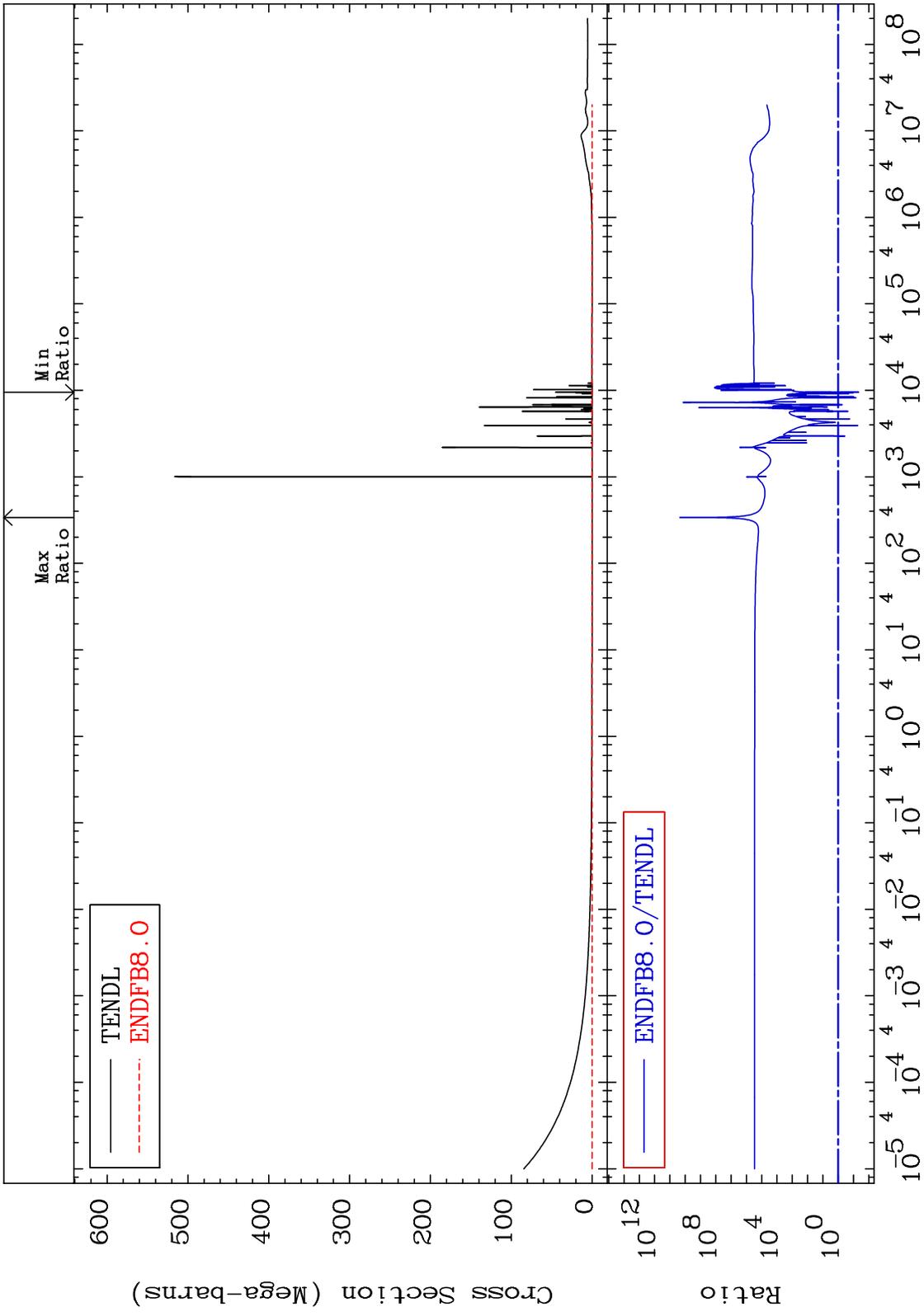
MAT 5455

Kerma capture (mt102)
Cross Section

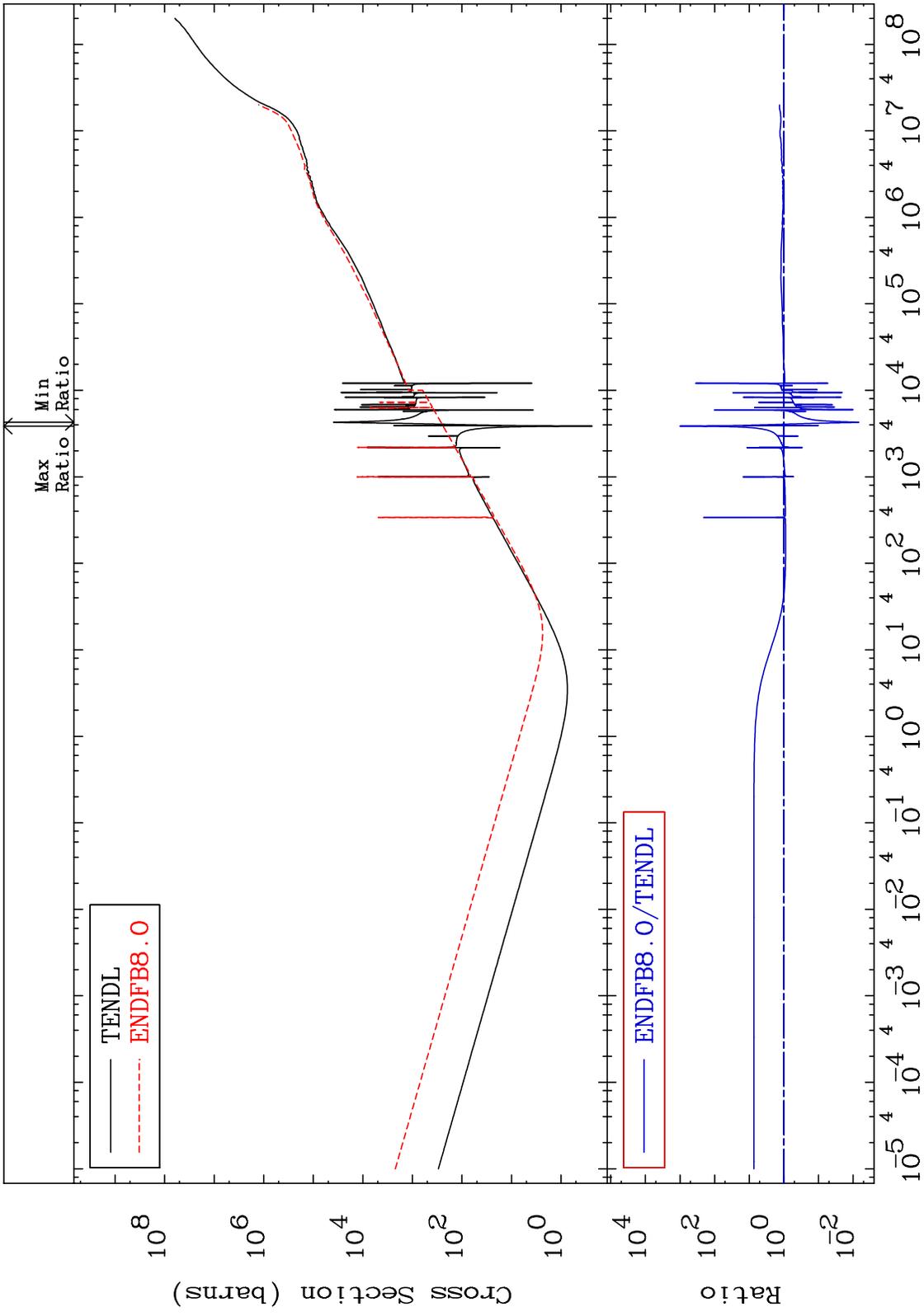
54-Xe-134
-95.54 To 9999. %



MAT 5455 Total photon (eV-barns) Cross Section 54-Xe-134
-95.54 To 9999. %



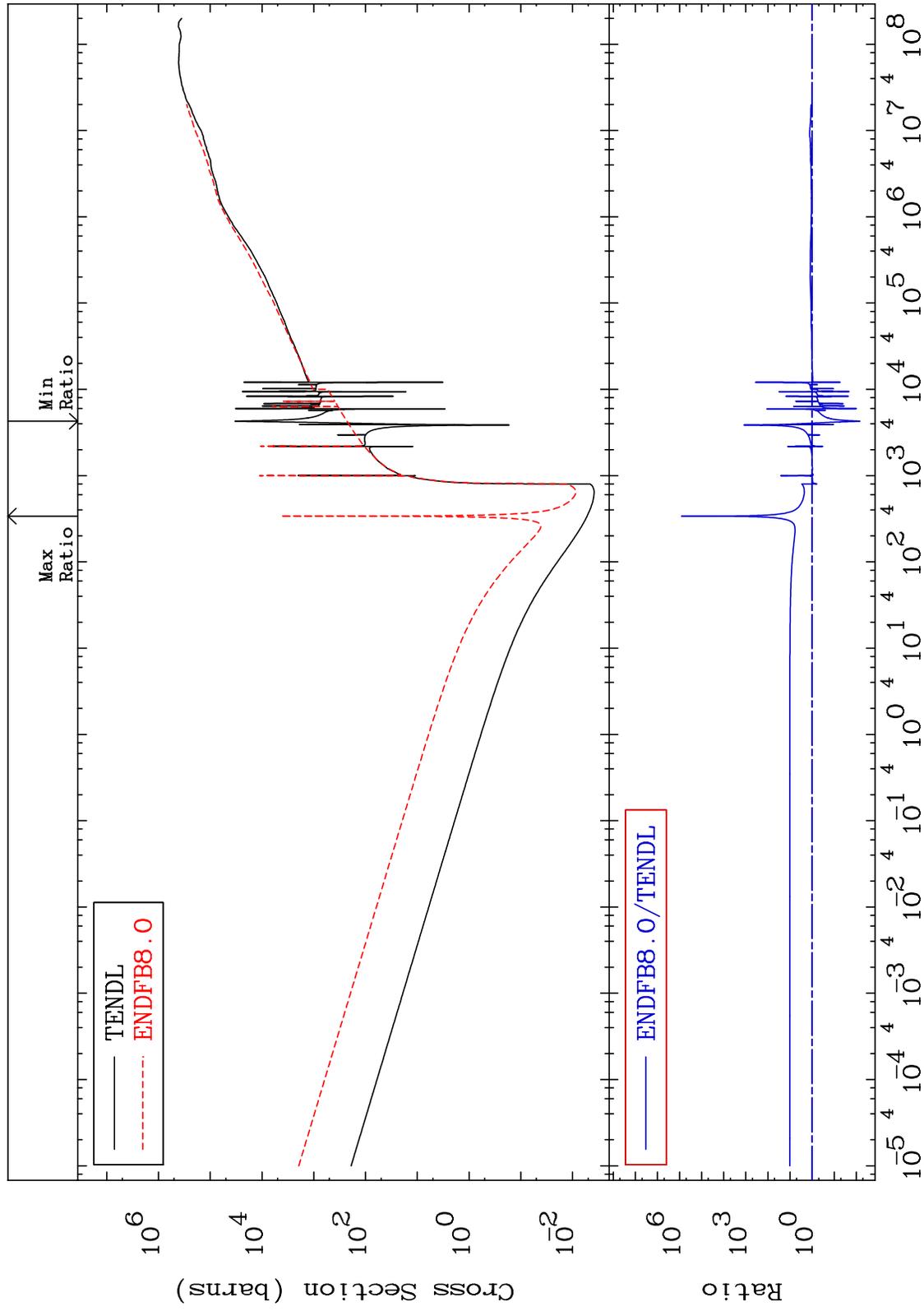
MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.32 To 9999. %



MAT 5455

Dpa total (eV-barns)
Cross Section

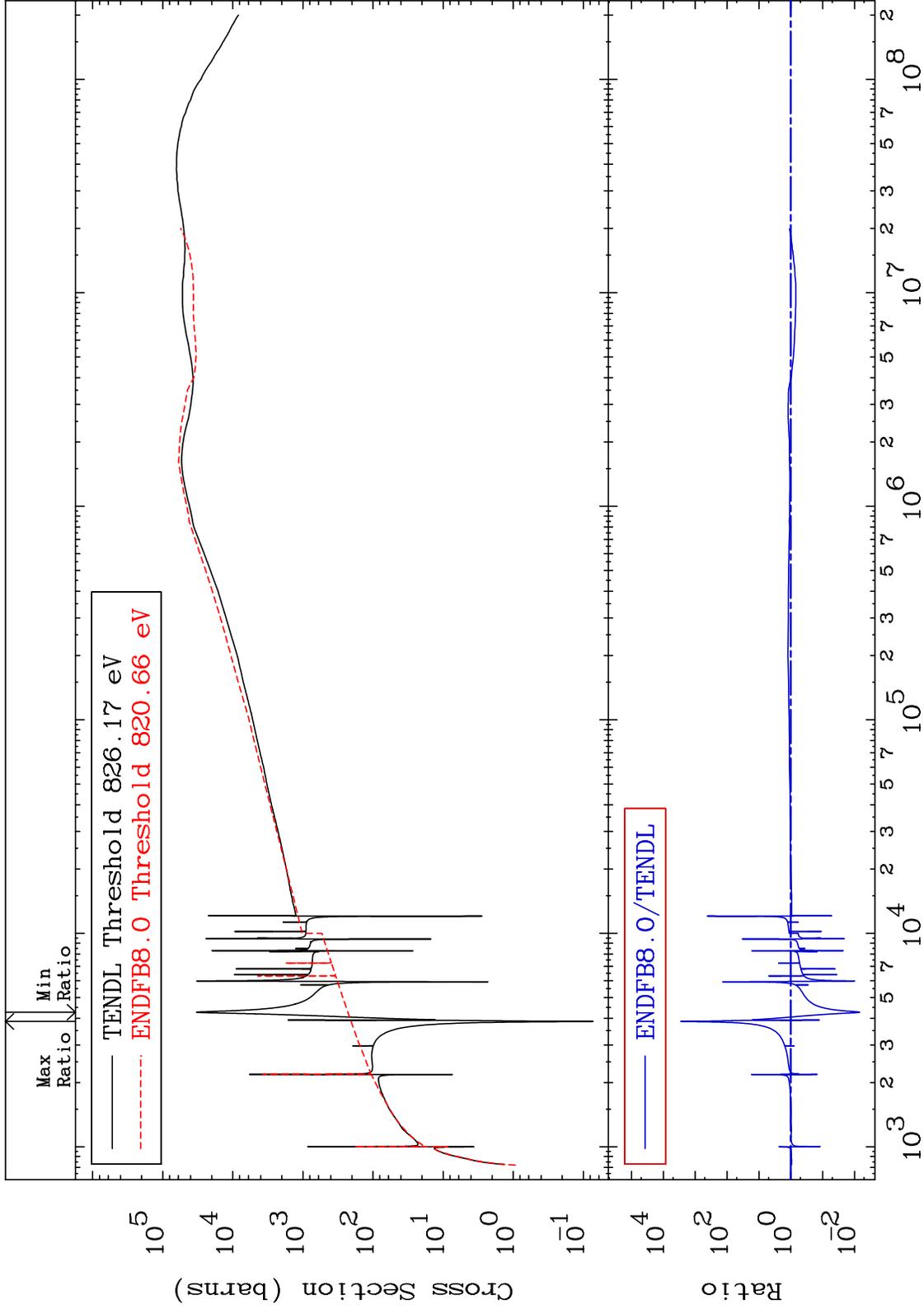
54-Xe-134
-99.31 To 9999. %



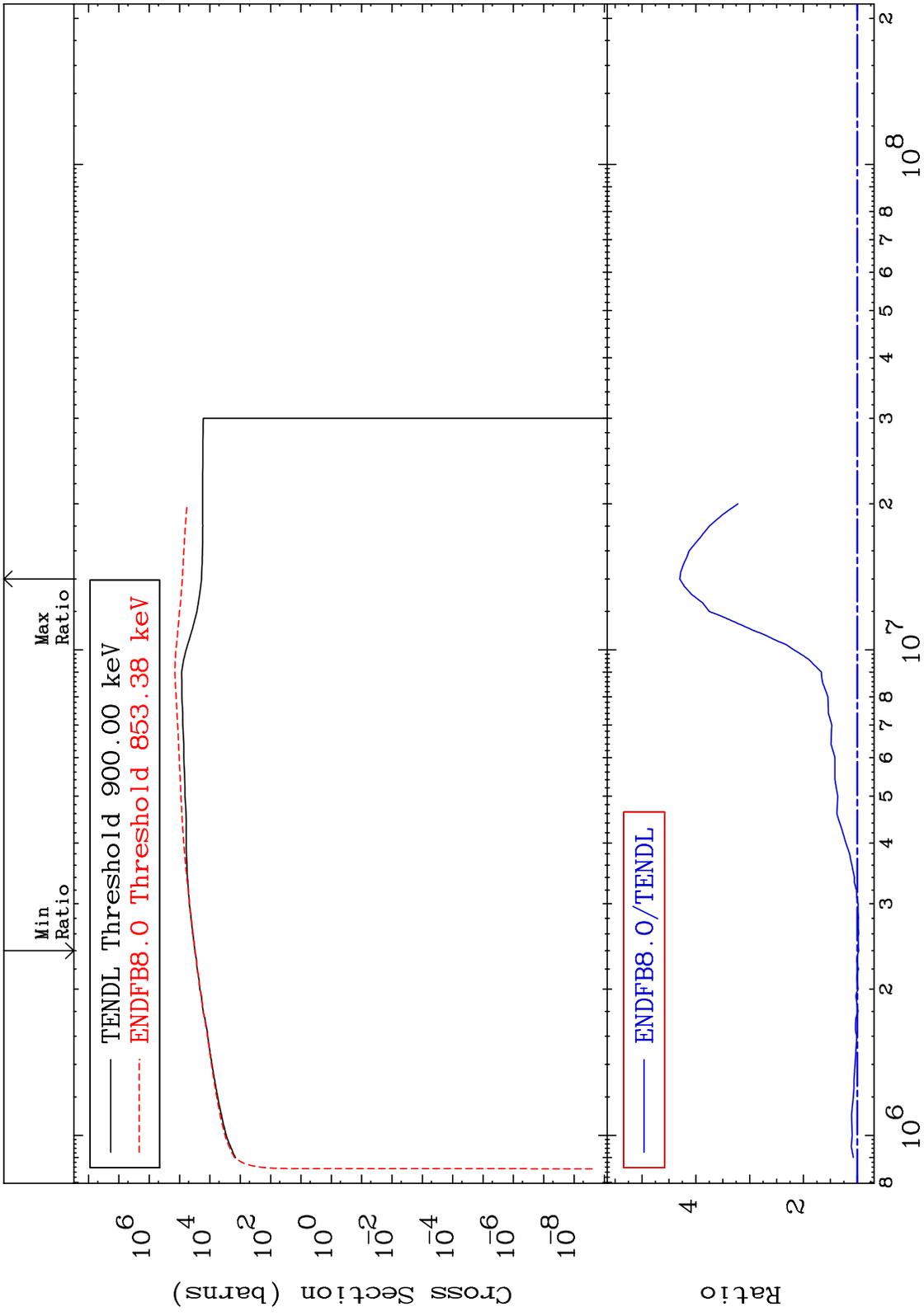
MAT 5455

Dpa elastic (mt2)
Cross Section

54-Xe-134
-99.31 To 9999. %



MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -2.800 To 329.9 %



47 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134
 Cross Section -100.0 To 9999. %

