

Program Complot
(Version 2018-1)

by

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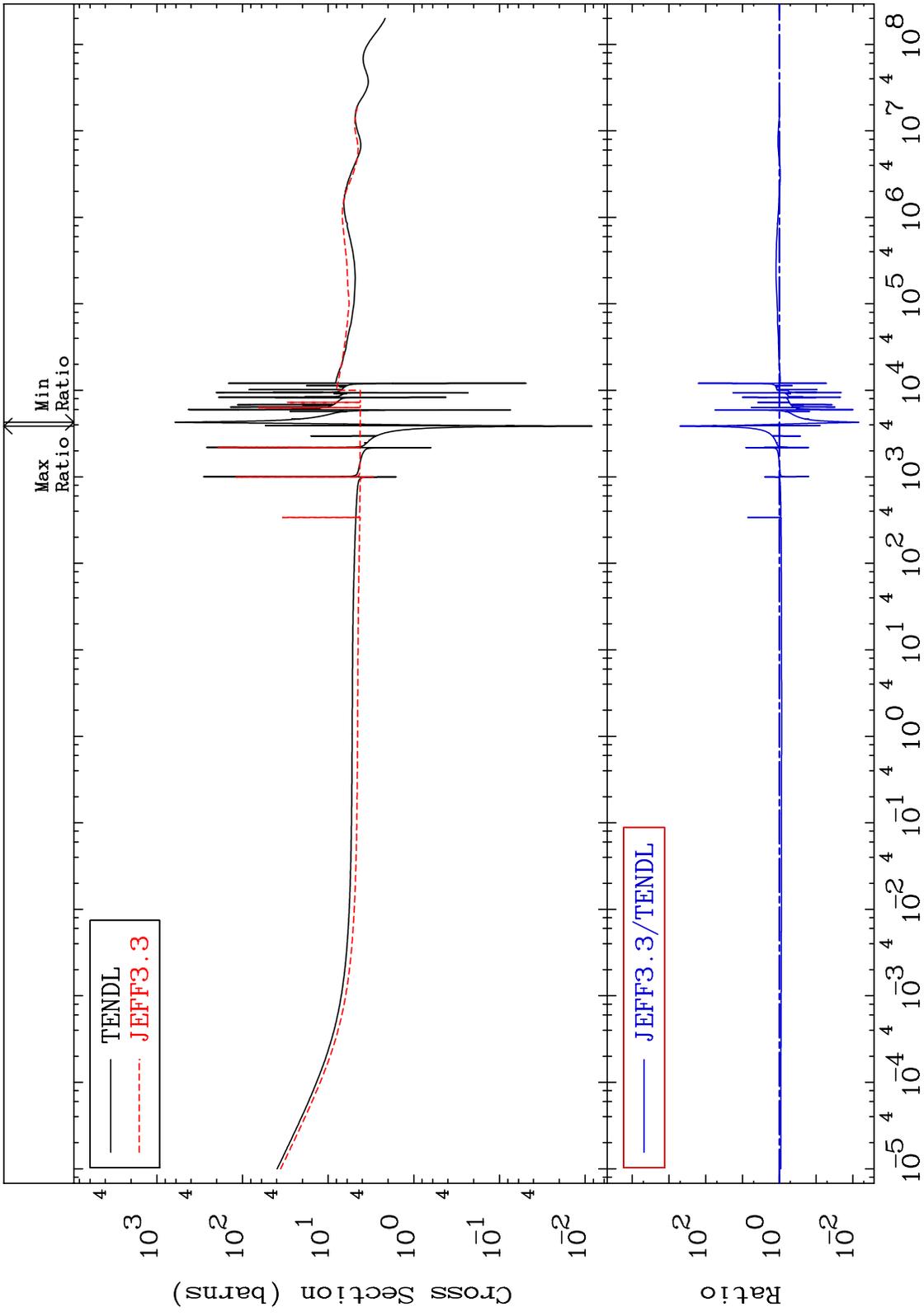
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Press Mouse Button to Start

MAT 5455 Total Cross Section 54-Xe-134 -99.31 To 9999. %

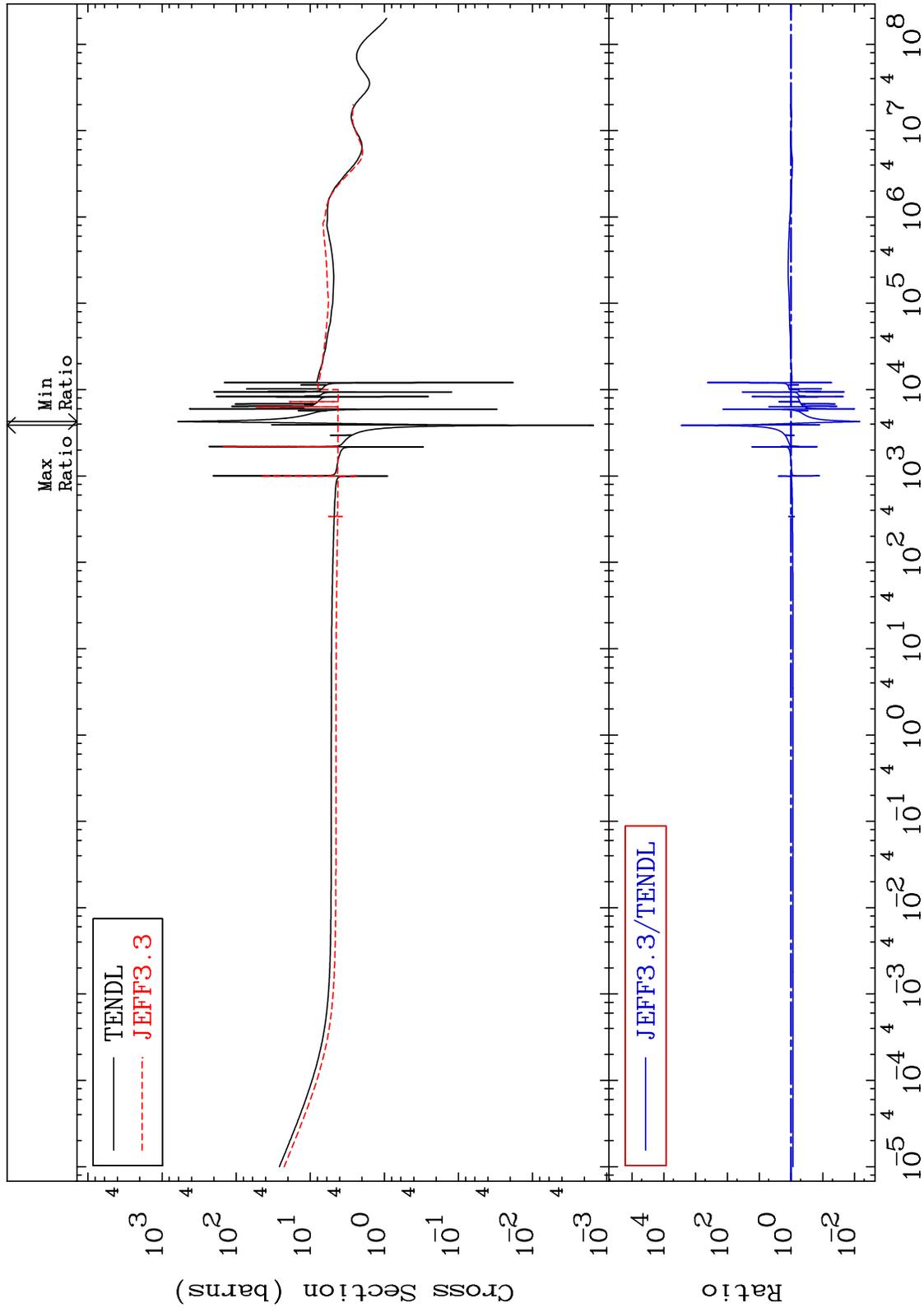


1 Incident Energy (eV) 54-Xe-134

MAT 5455

Elastic
Cross Section

54-Xe-134
-99.31 To 9999. %

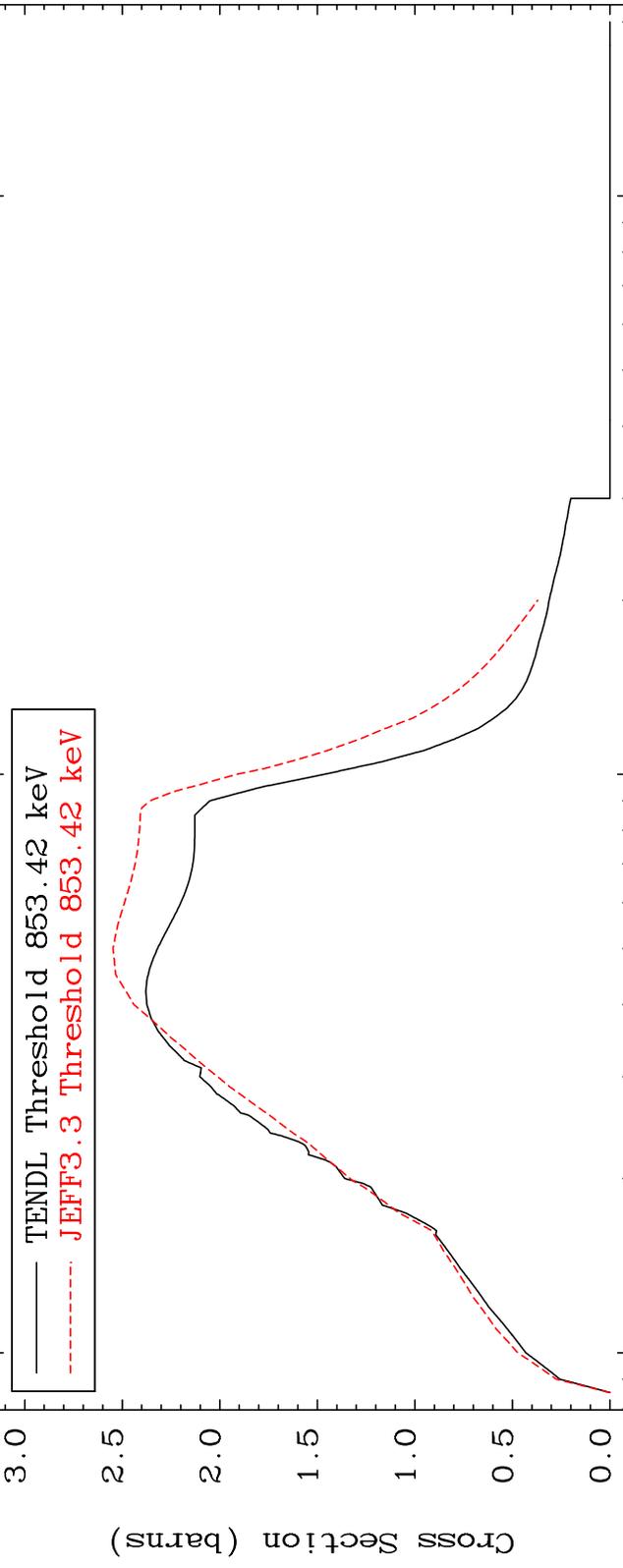


MAT 5455 54-Xe-134 -6.938 To 74.12 %

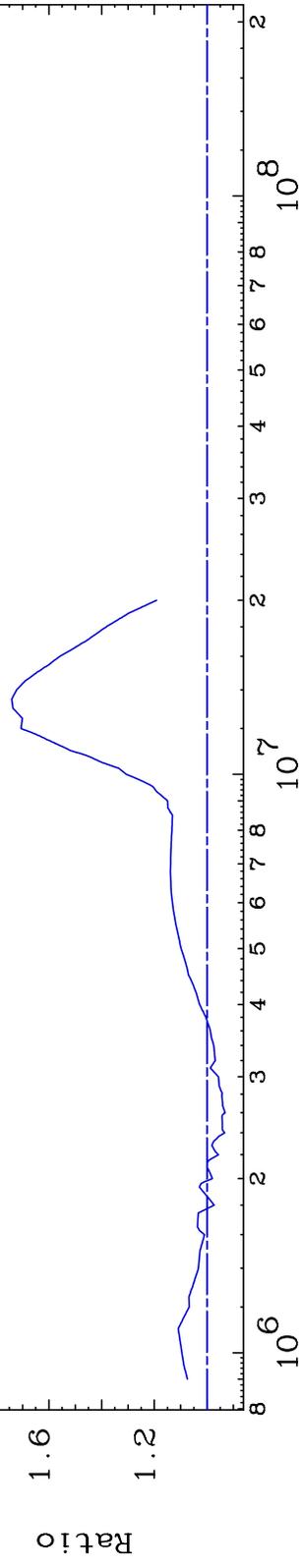
Inelastic Cross Section

Min Ratio

Max Ratio

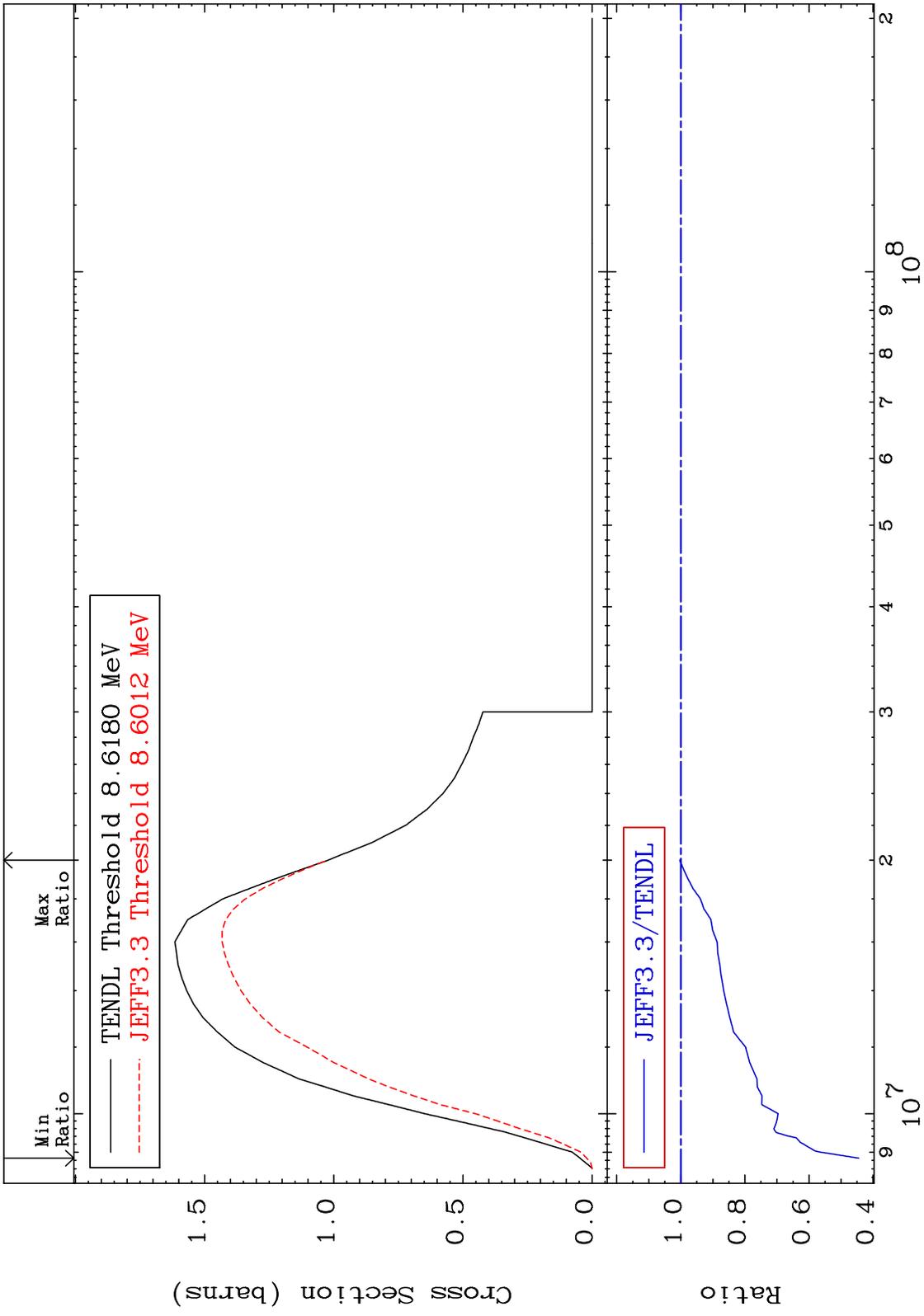


JEFF3.3/TENDL



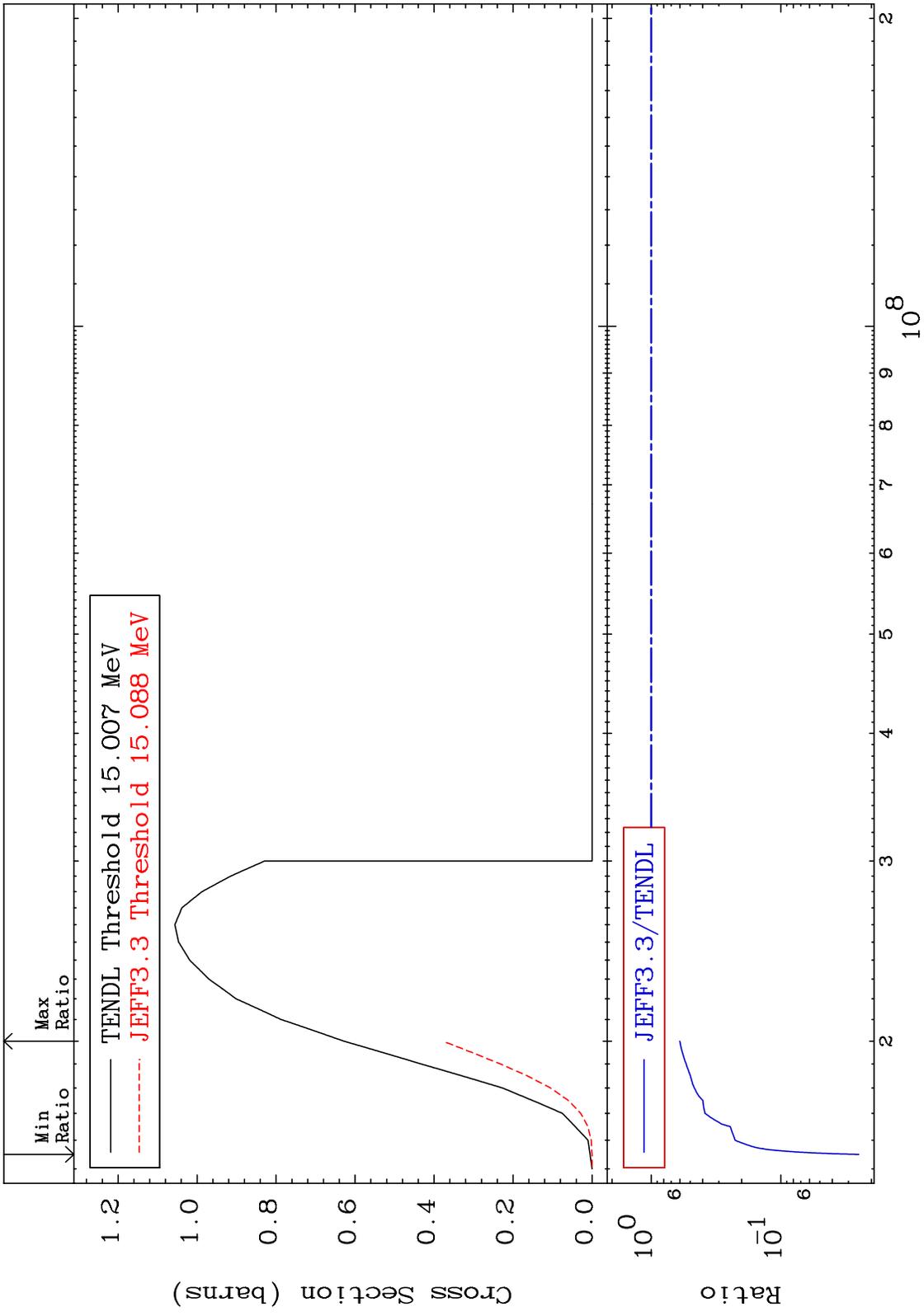
Incident Energy (eV) 54-Xe-134

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

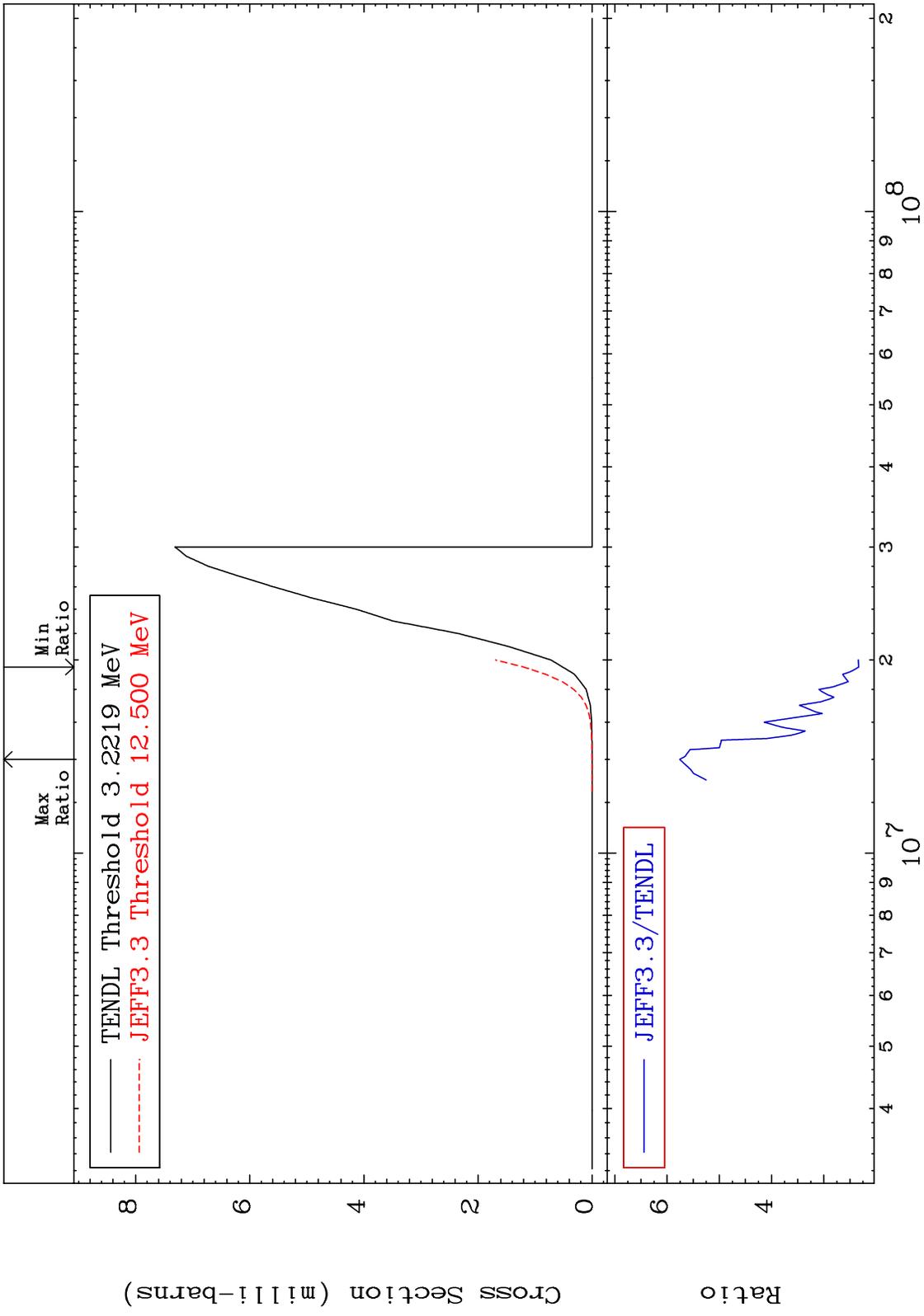


4 54-Xe-134

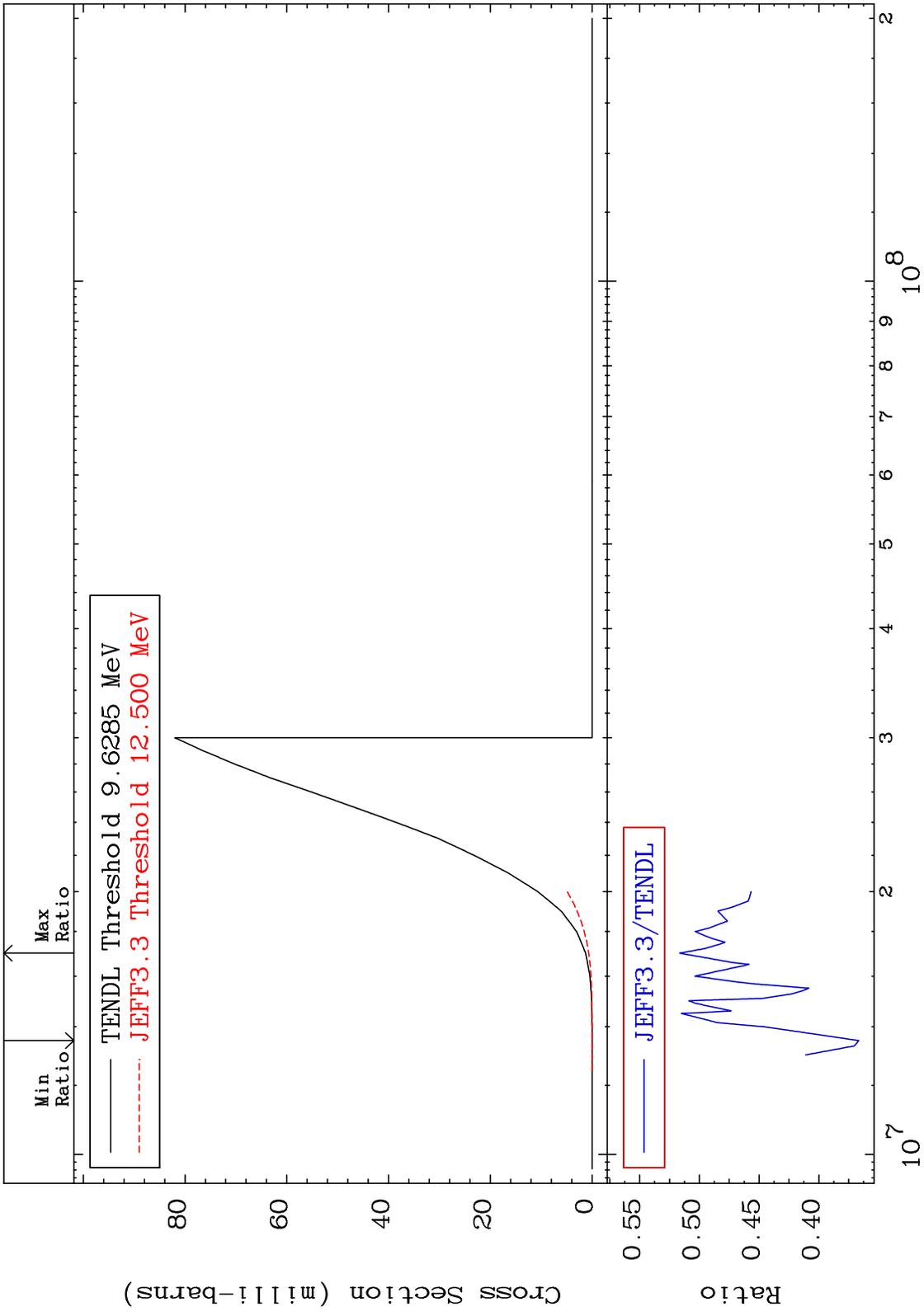
MAT 5455 (n,3n) Cross Section 54-Xe-134 -97.50 To -39.86%



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

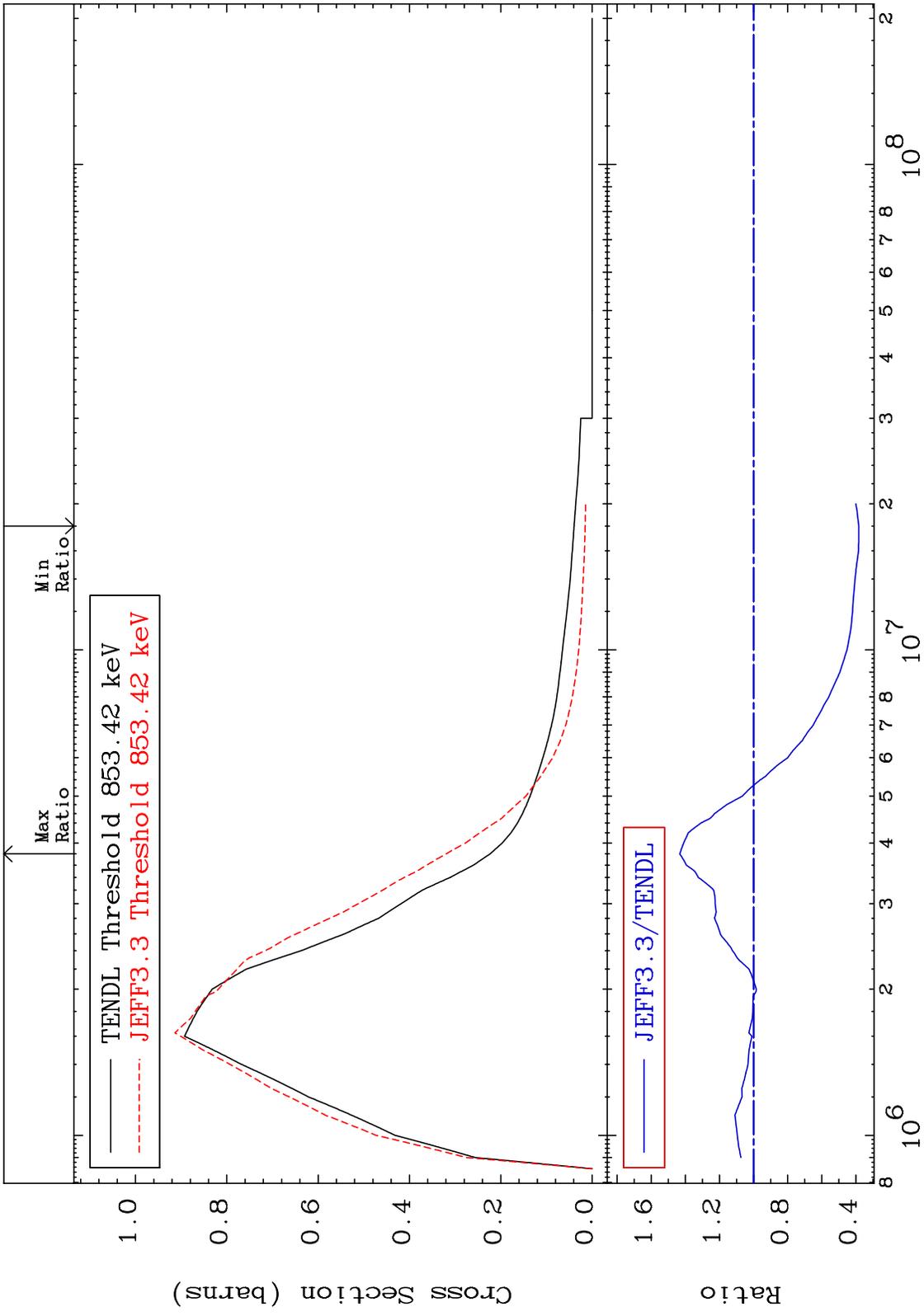


MAT 5455 (n,n') p 54-Xe-134
Cross Section -63.35 To -48.36%



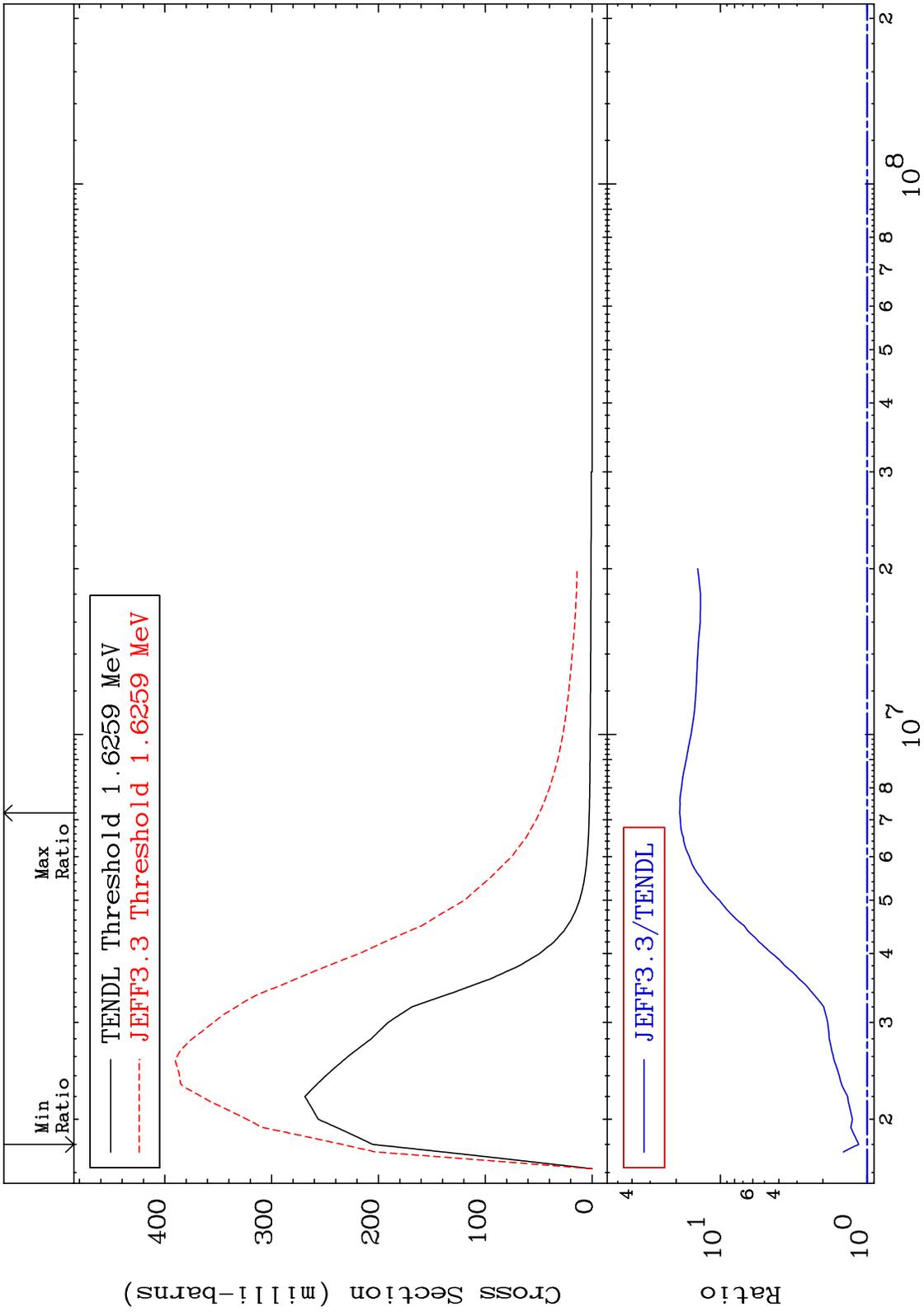
54-Xe-134

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

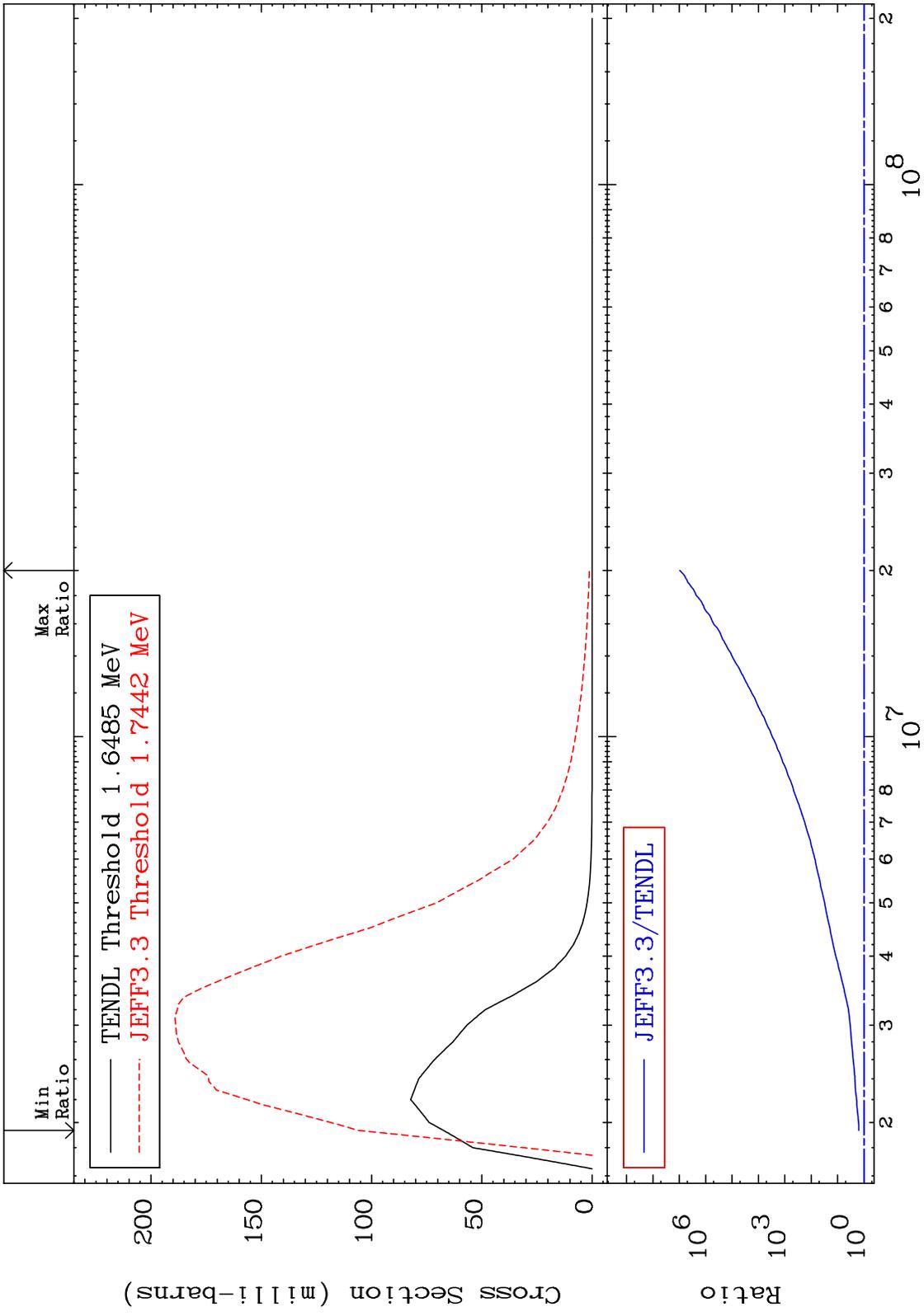


8 Incident Energy (eV) 54-Xe-134

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

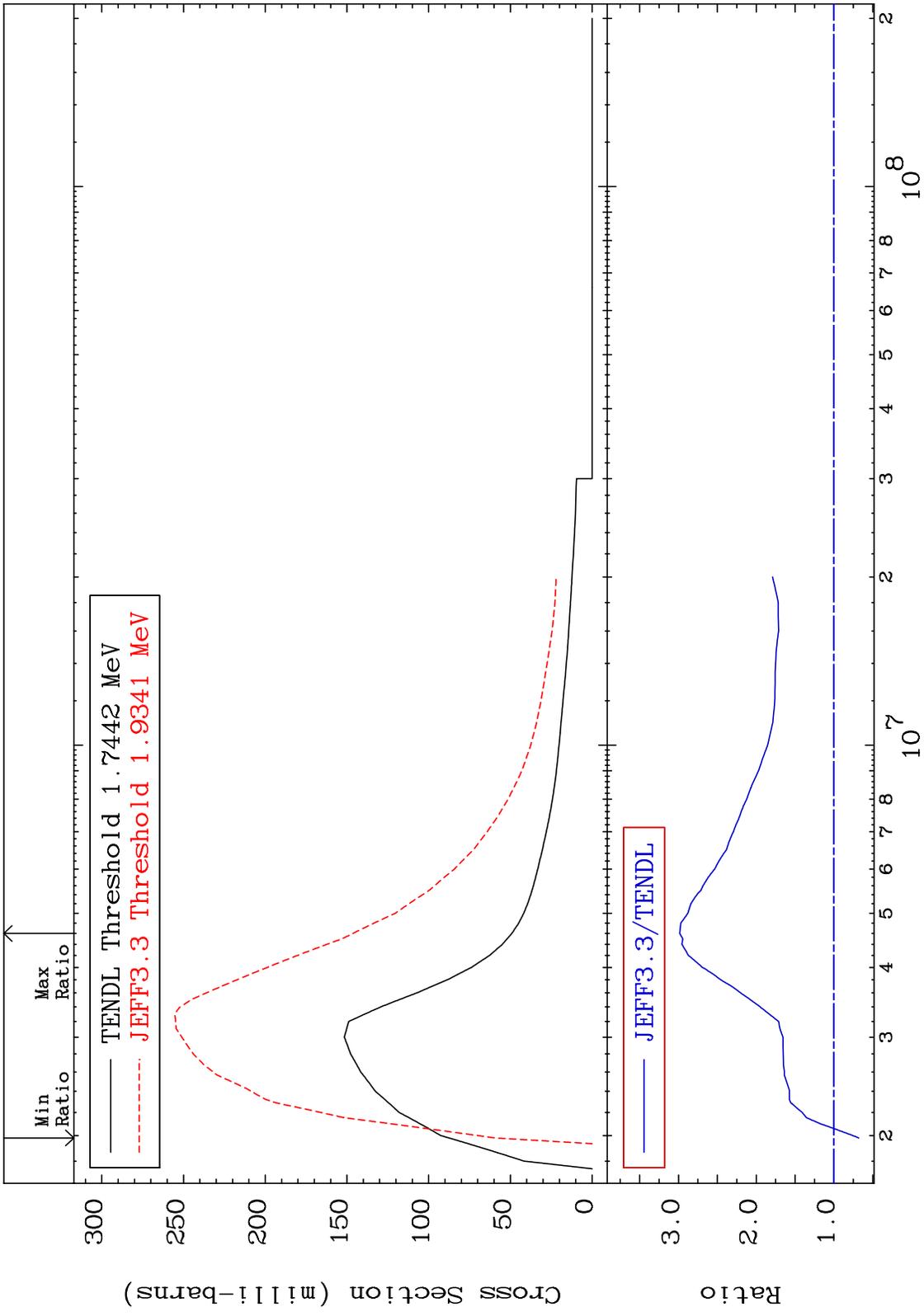


MAT 5455 MT= 53 (n,n') Level Cross Section 54-Xe-134 To 9999. %
 57.36

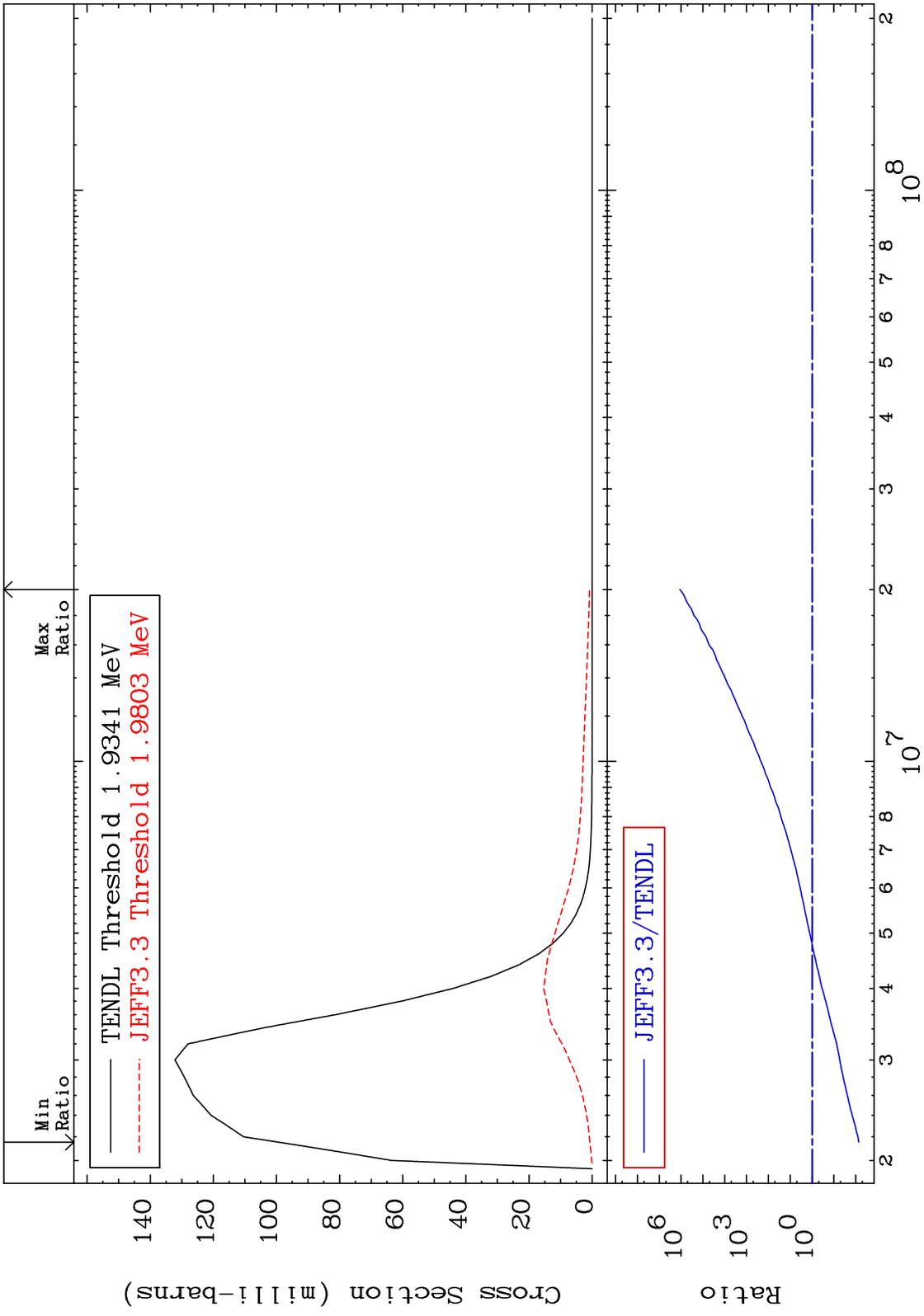


Incident Energy (eV) 54-Xe-134

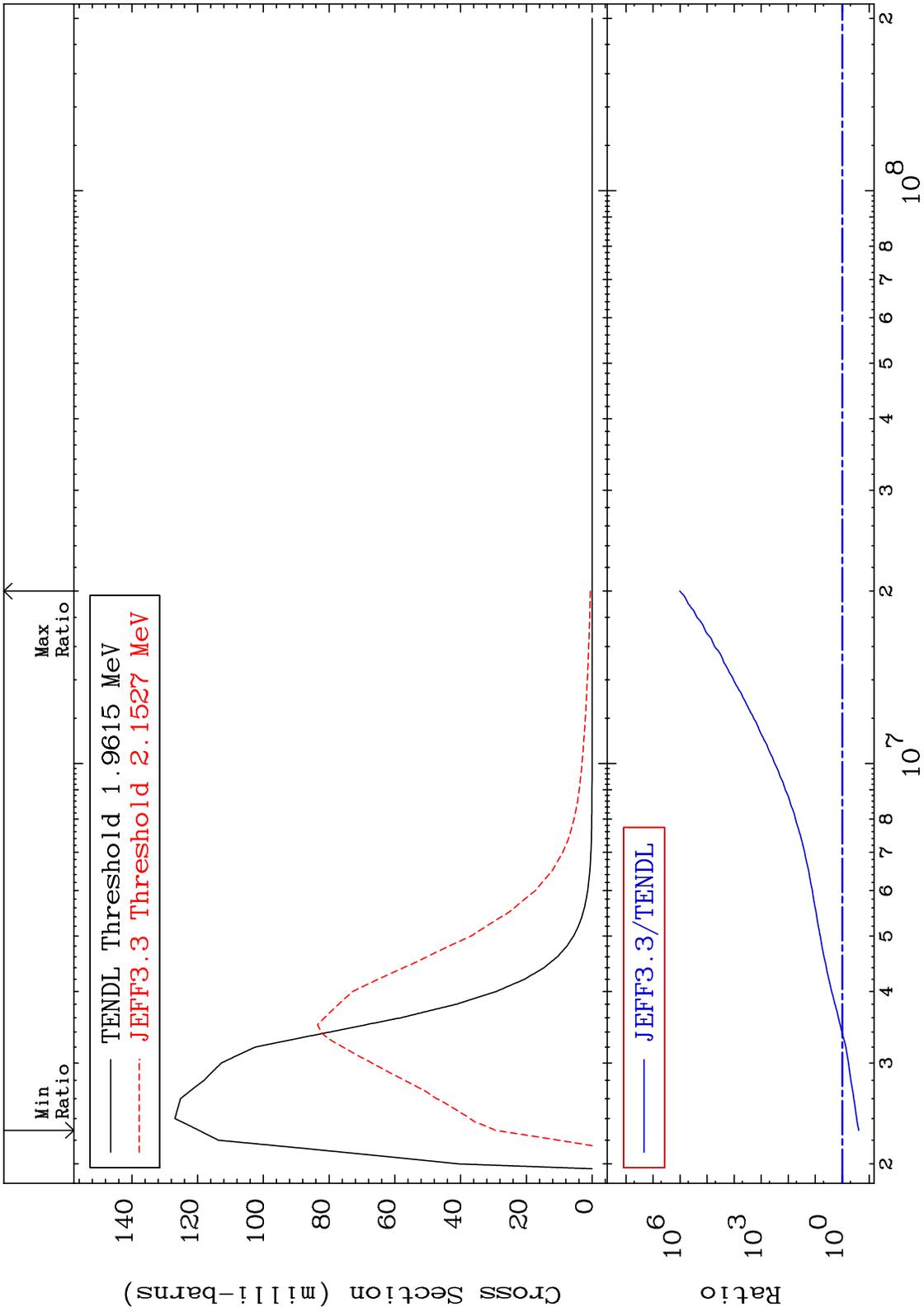
MAT 5455 MT= 54 (n,n') Level Cross Section 54-Xe-134 -32.05 To 198.4 %



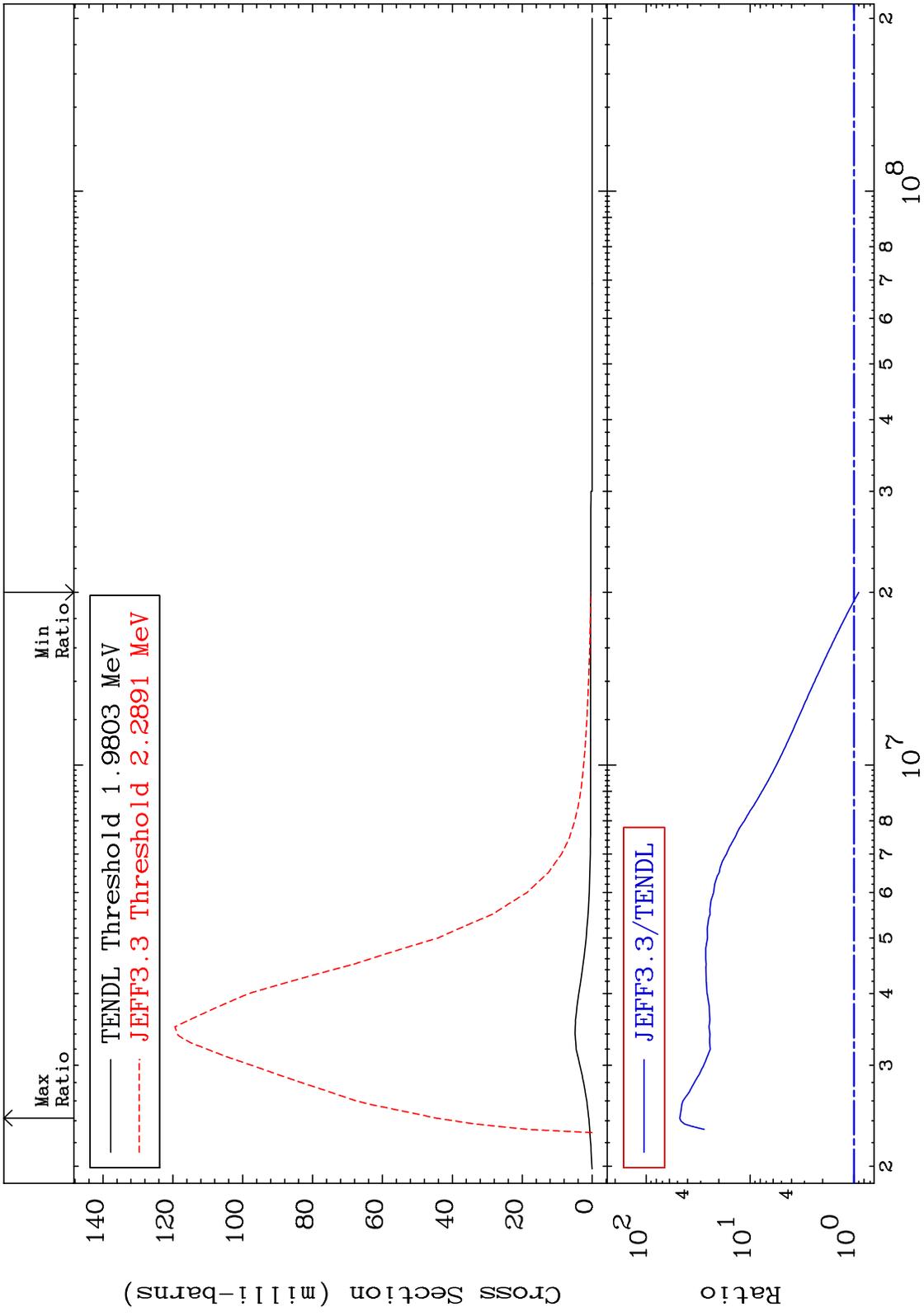
MAT 5455 MT= 55 (n,n') Level Cross Section 54-Xe-134 -99.28 To 9999. %



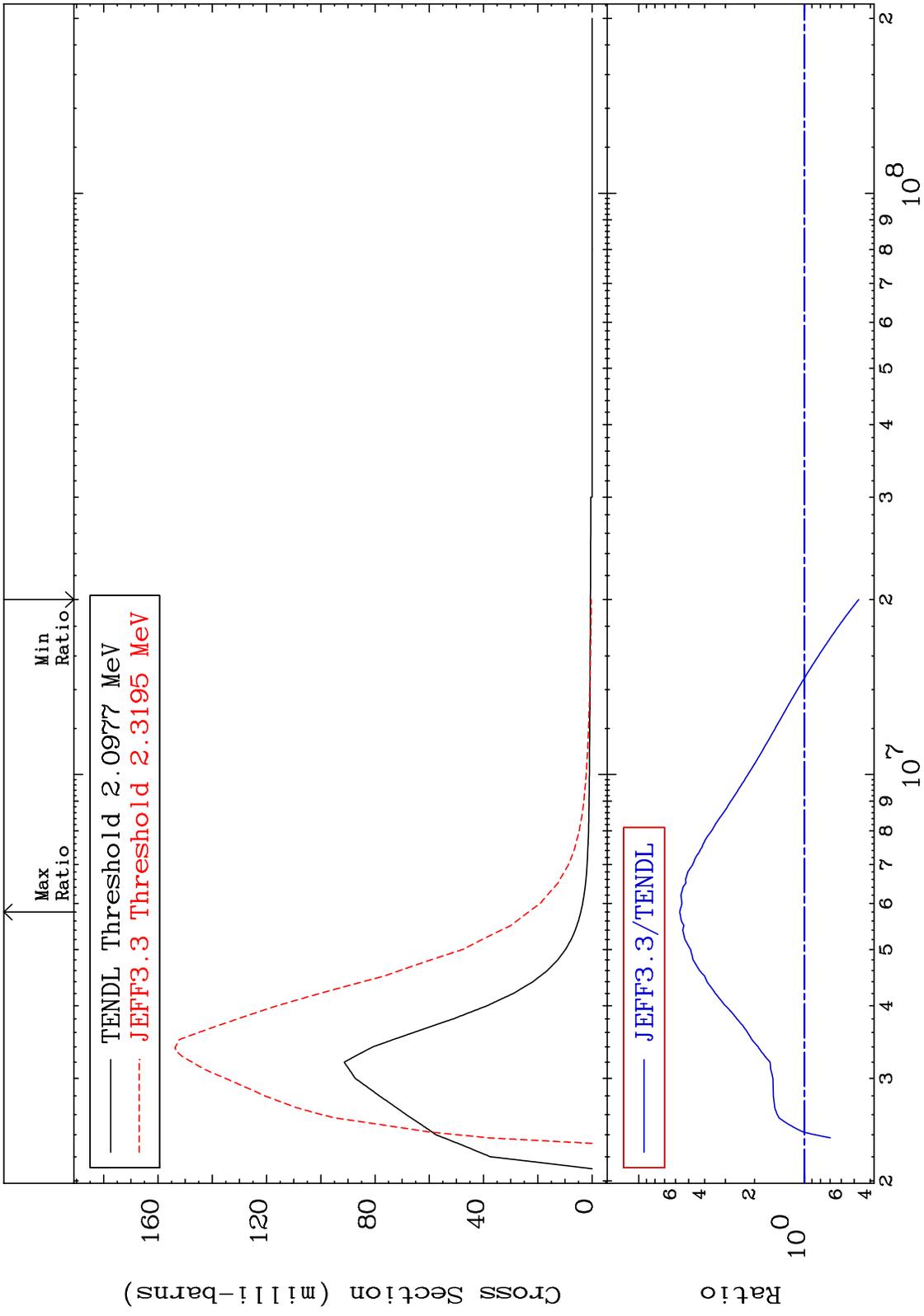
MAT 5455 MT= 56 (n,n') Level Cross Section 54-Xe-134 -75.41 To 9999. %



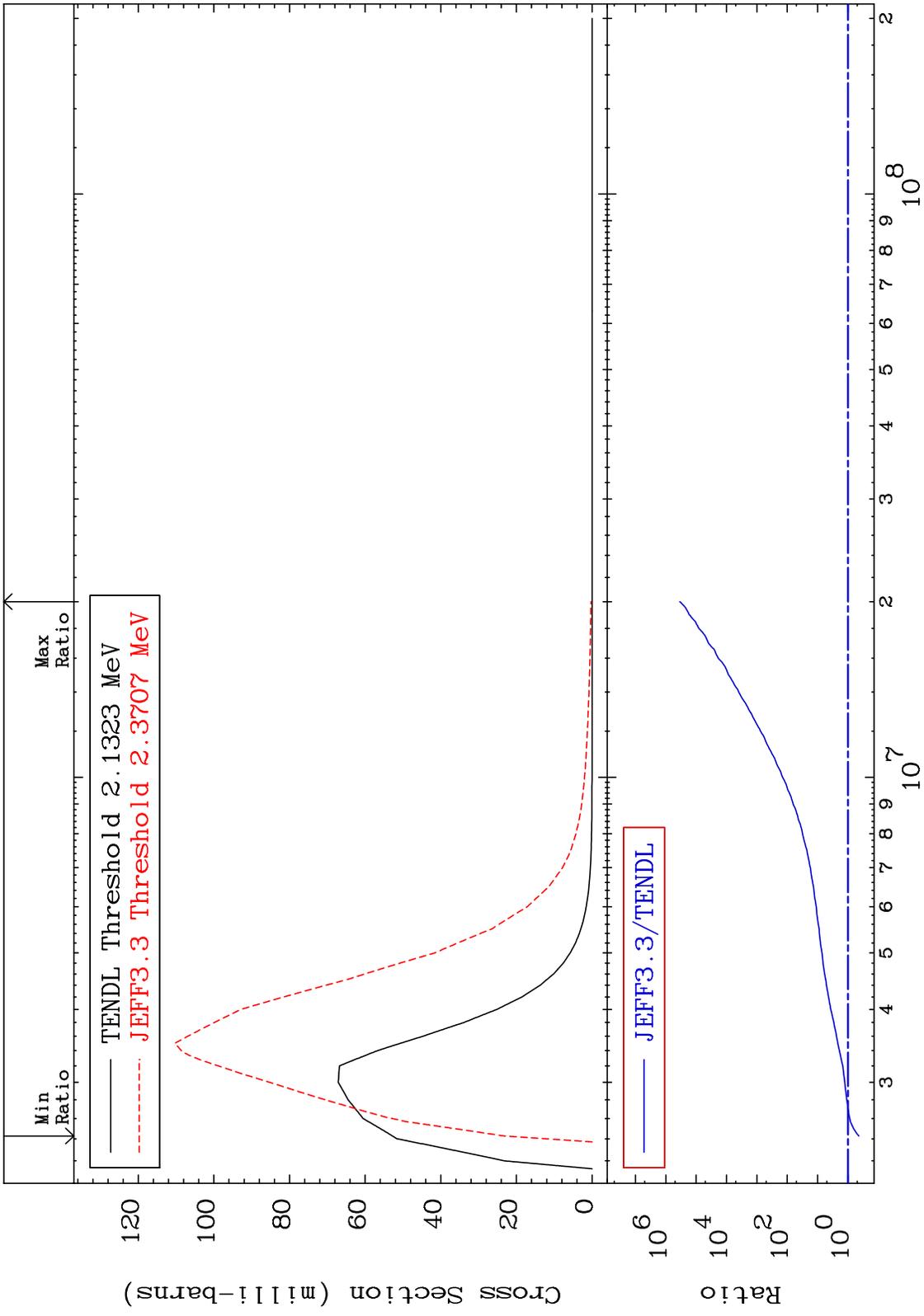
MAT 5455 MT= 57 (n,n') Level Cross Section 54-Xe-134
 -10.17 To 4662. %



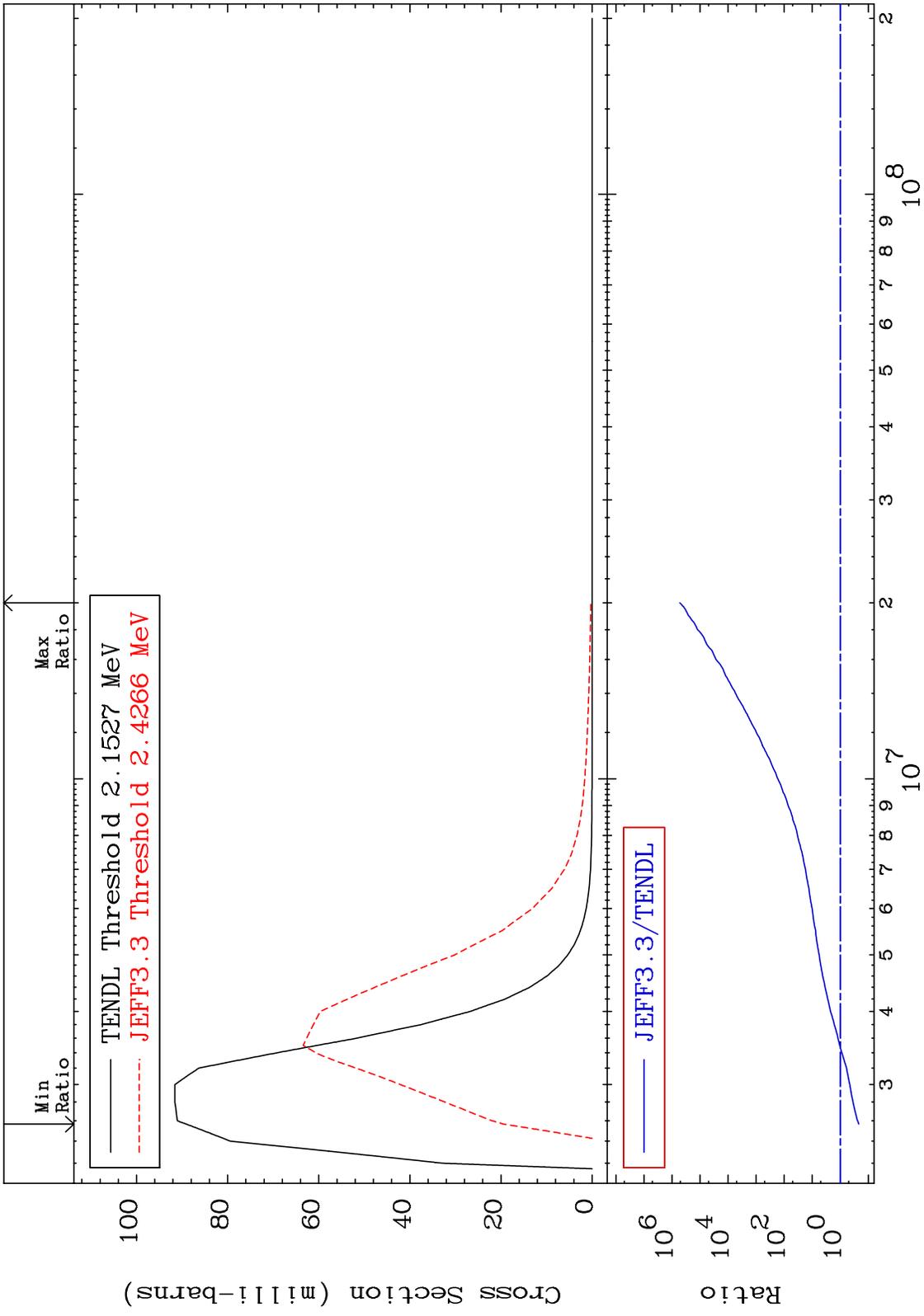
MAT 5455 MT= 58 (n,n') Level Cross Section 54-Xe-134 -53.07 To 466.0 %



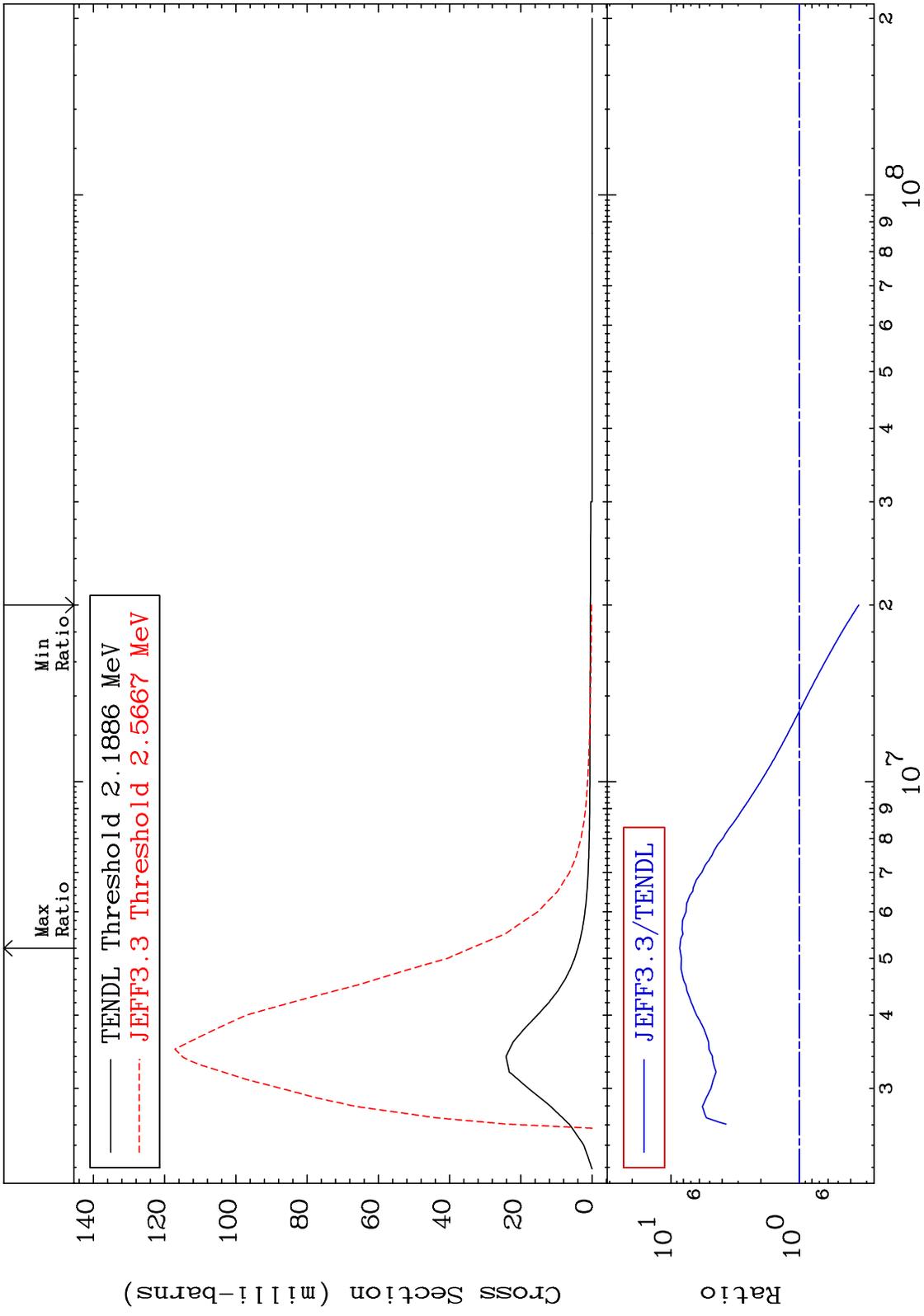
MAT 5455 MT= 59 (n,n') Level Cross Section 54-Xe-134 -56.00 To 9999. %



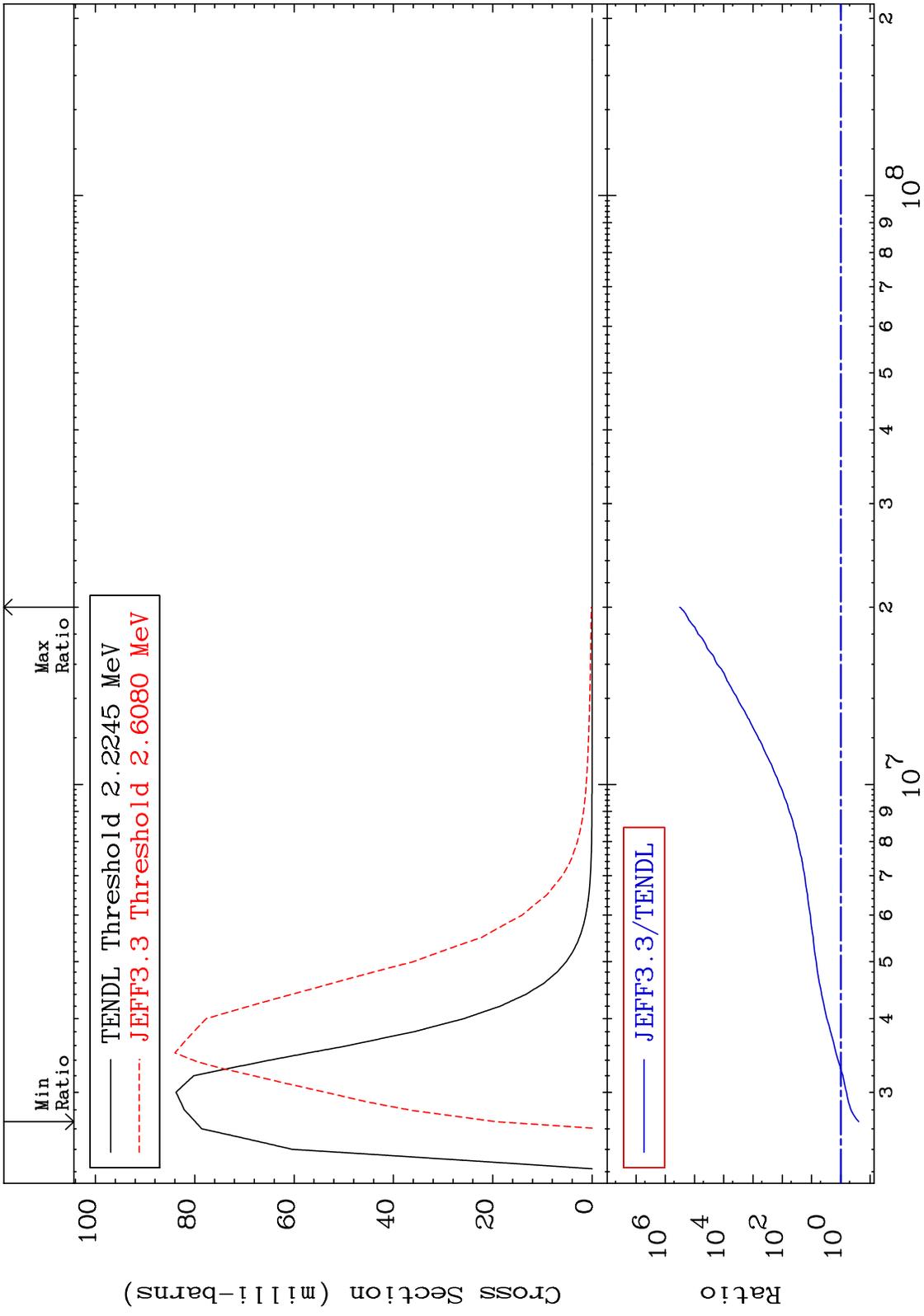
MAT 5455 MT= 60 (n,n') Level Cross Section 54-Xe-134
 -78.16 To 9999. %



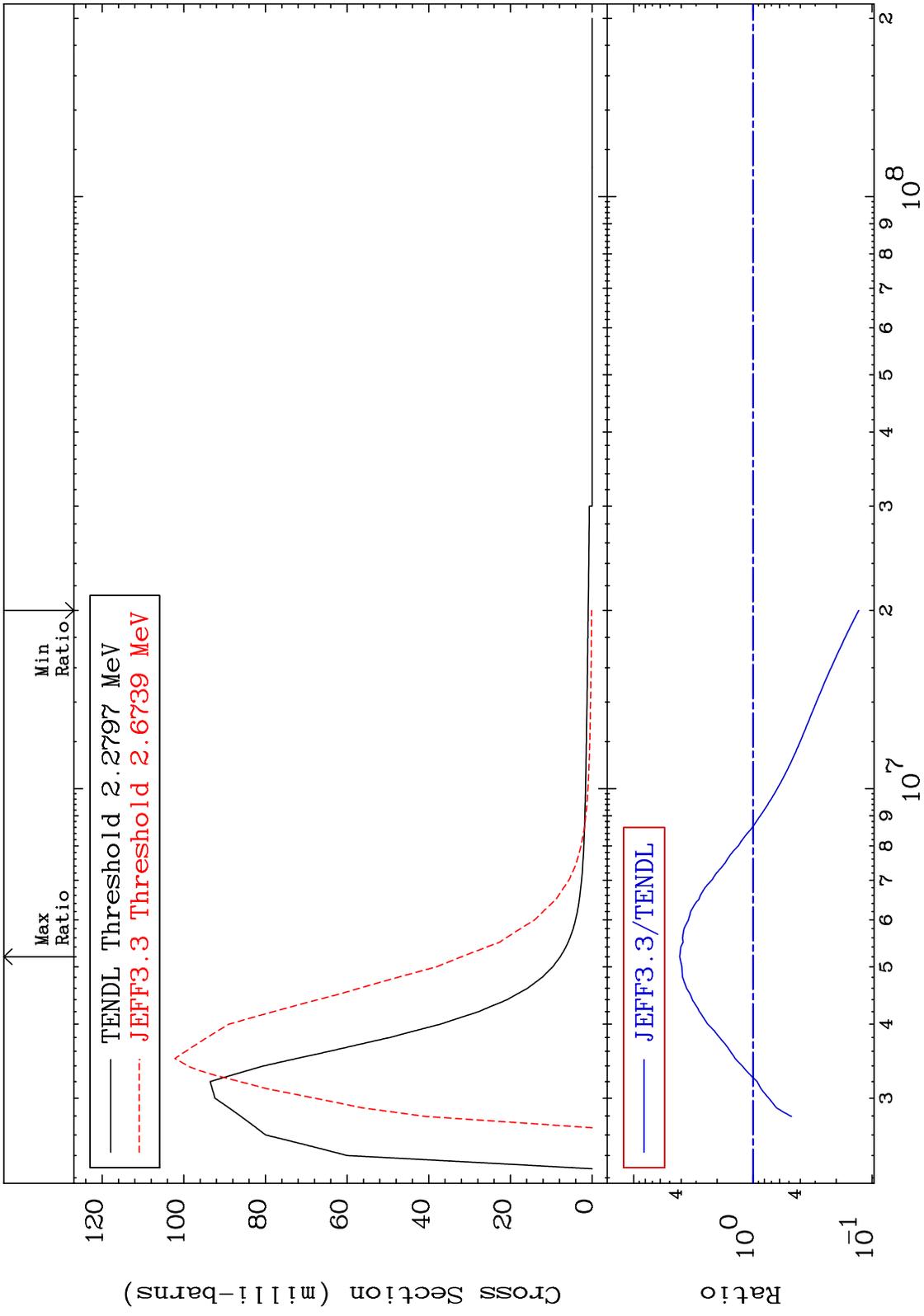
MAT 5455 MT= 61 (n,n') Level Cross Section 54-Xe-134 -65.42 To 754.1 %



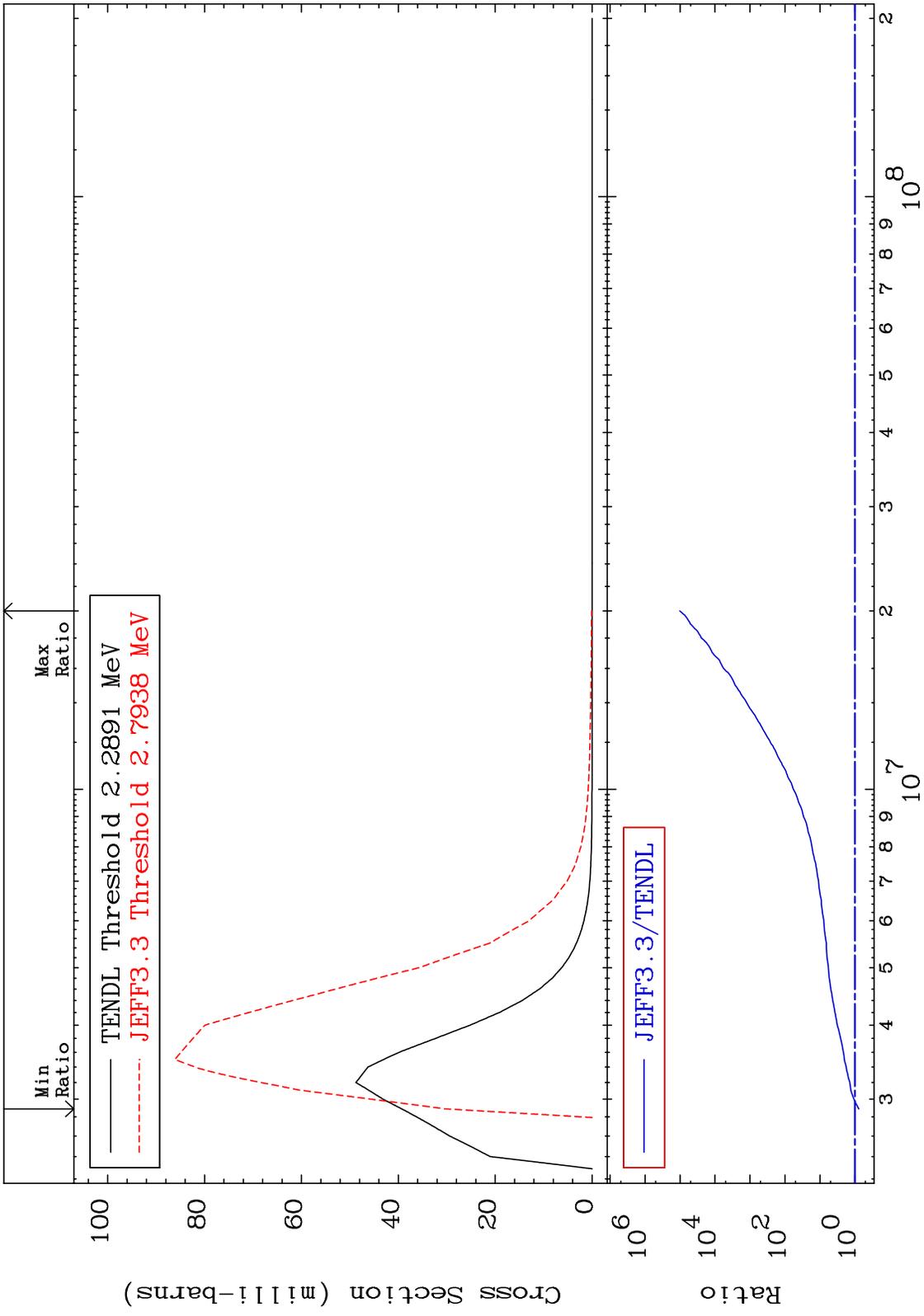
MAT 5455 MT= 62 (n,n') Level Cross Section 54-Xe-134
 -75.73 To 9999. %



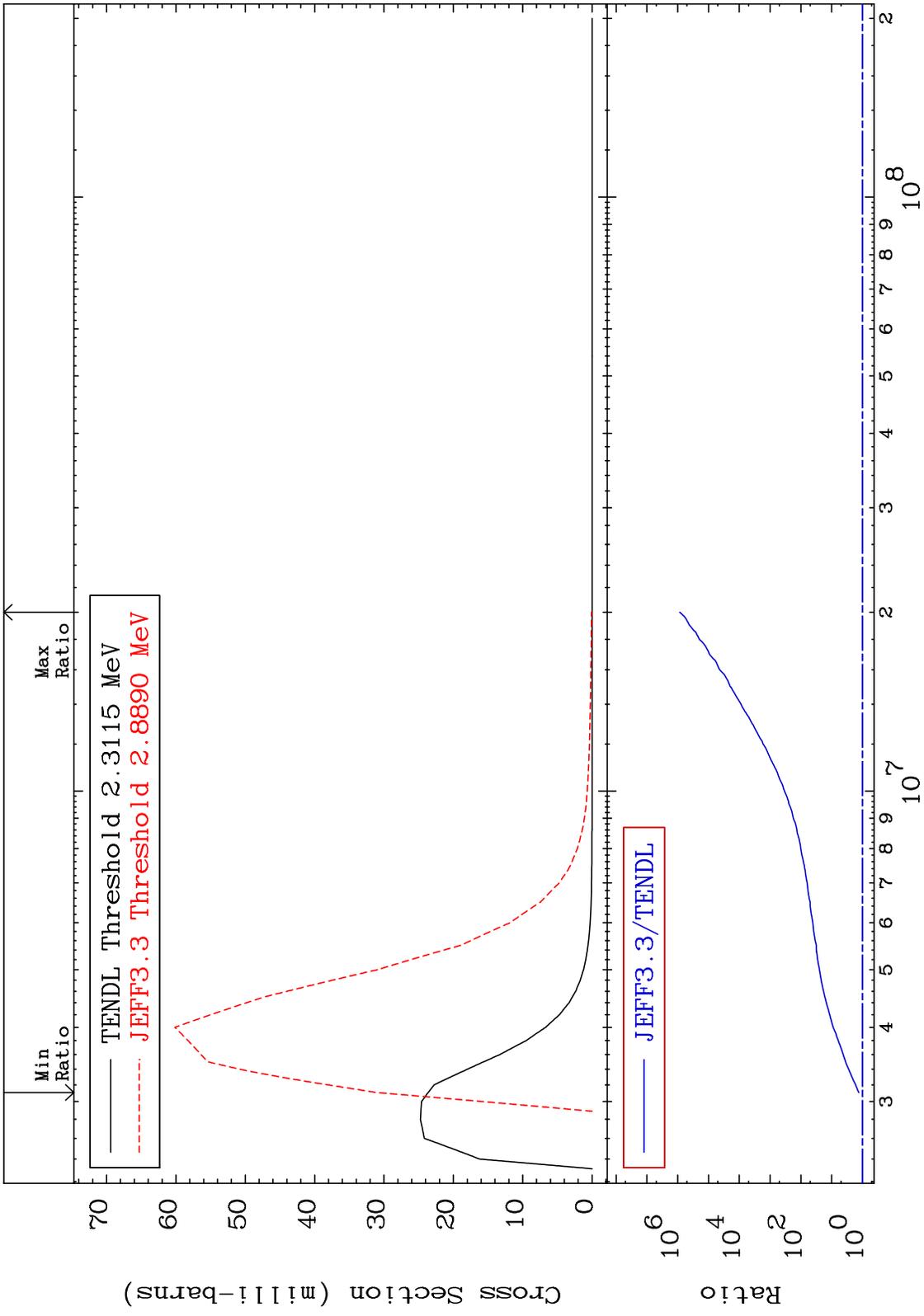
MAT 5455 MT= 63 (n,n') Level Cross Section 54-Xe-134 -87.06 To 311.3 %



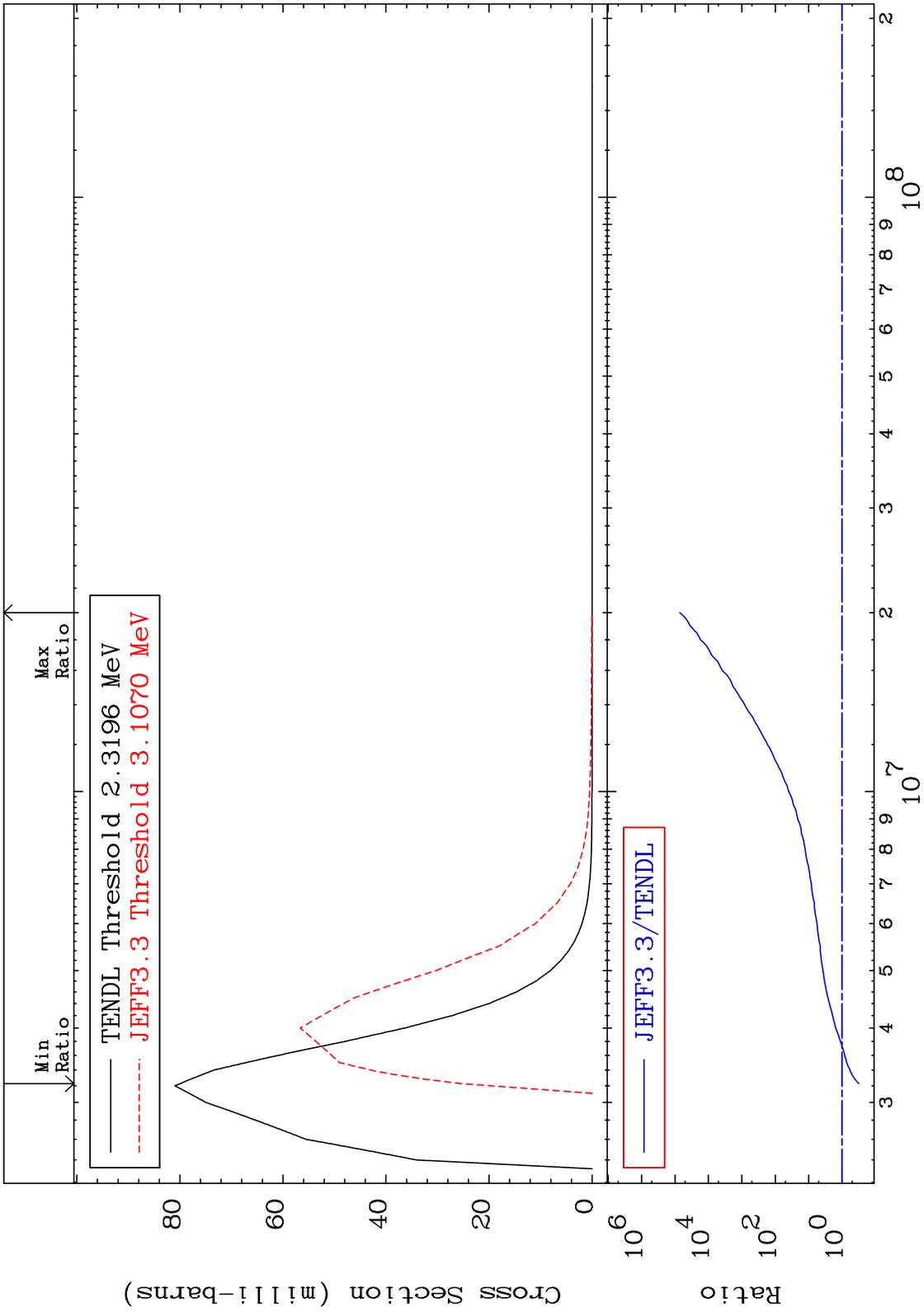
MAT 5455 MT= 64 (n,n') Level Cross Section 54-Xe-134 -22.82 To 9999. %



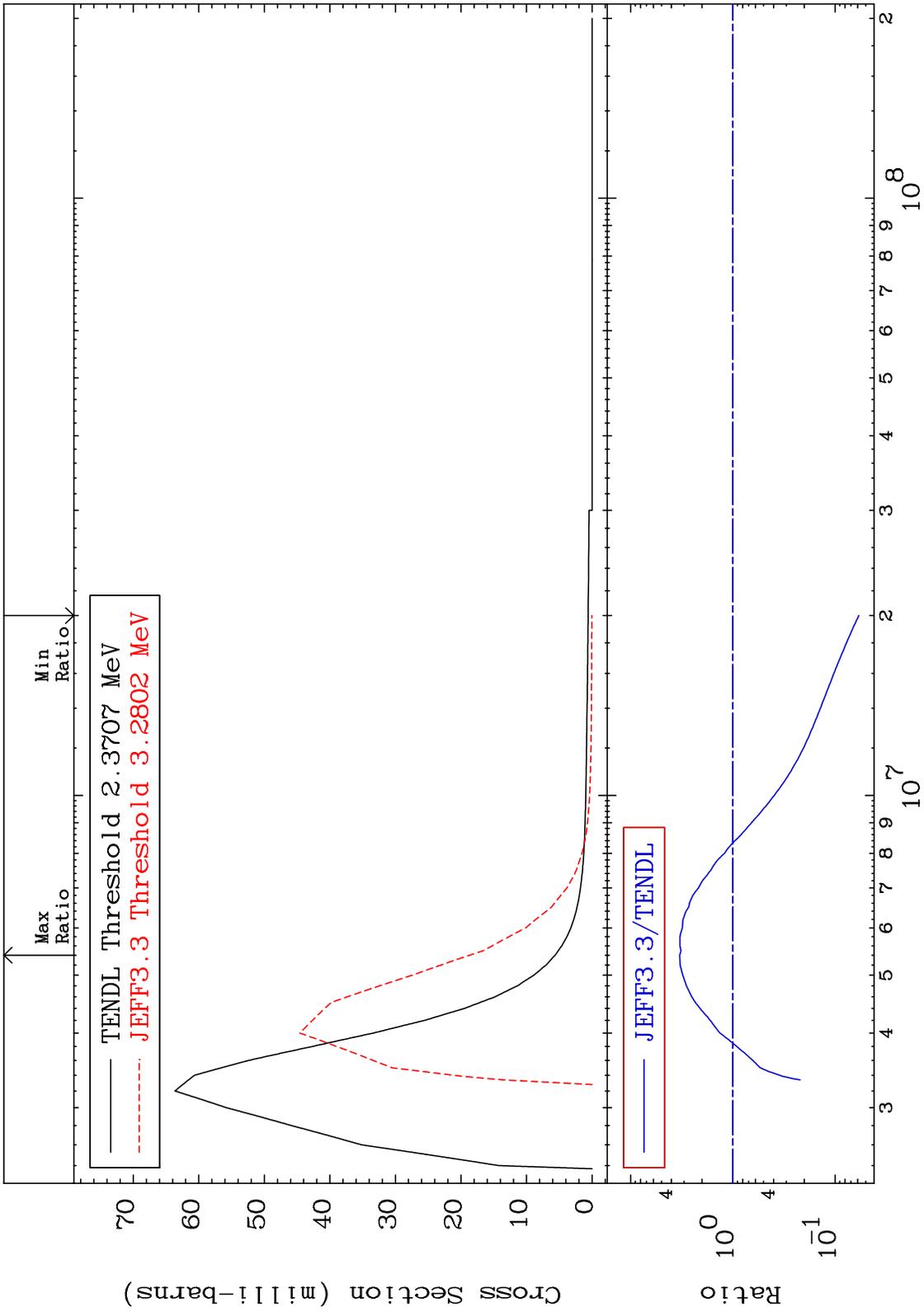
MAT 5455 MT= 65 (n,n') Level Cross Section 54-Xe-134 31.79 To 9999. %



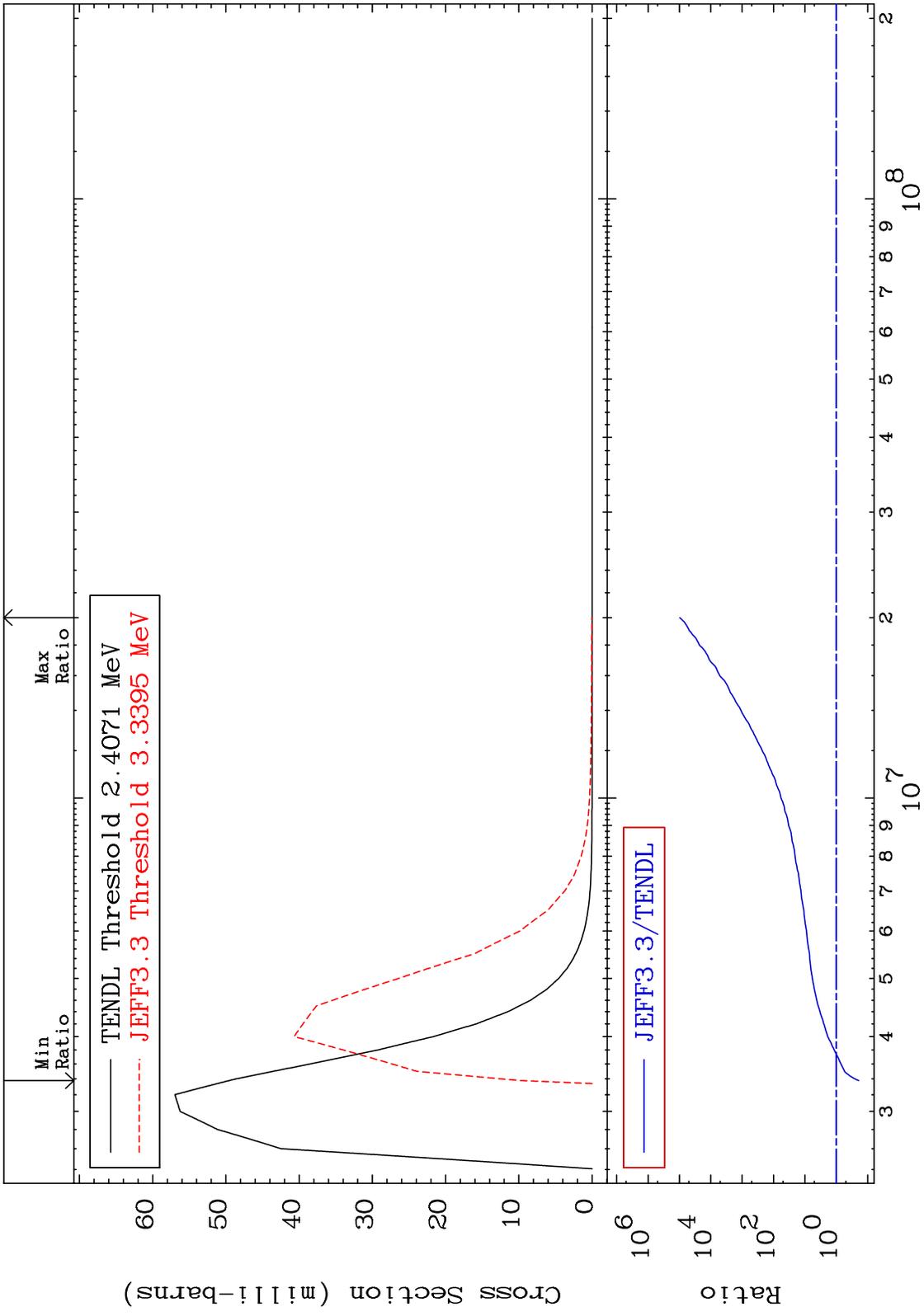
MAT 5455 MT= 66 (n,n') Level Cross Section 54-Xe-134
 -68.36 To 9999. %



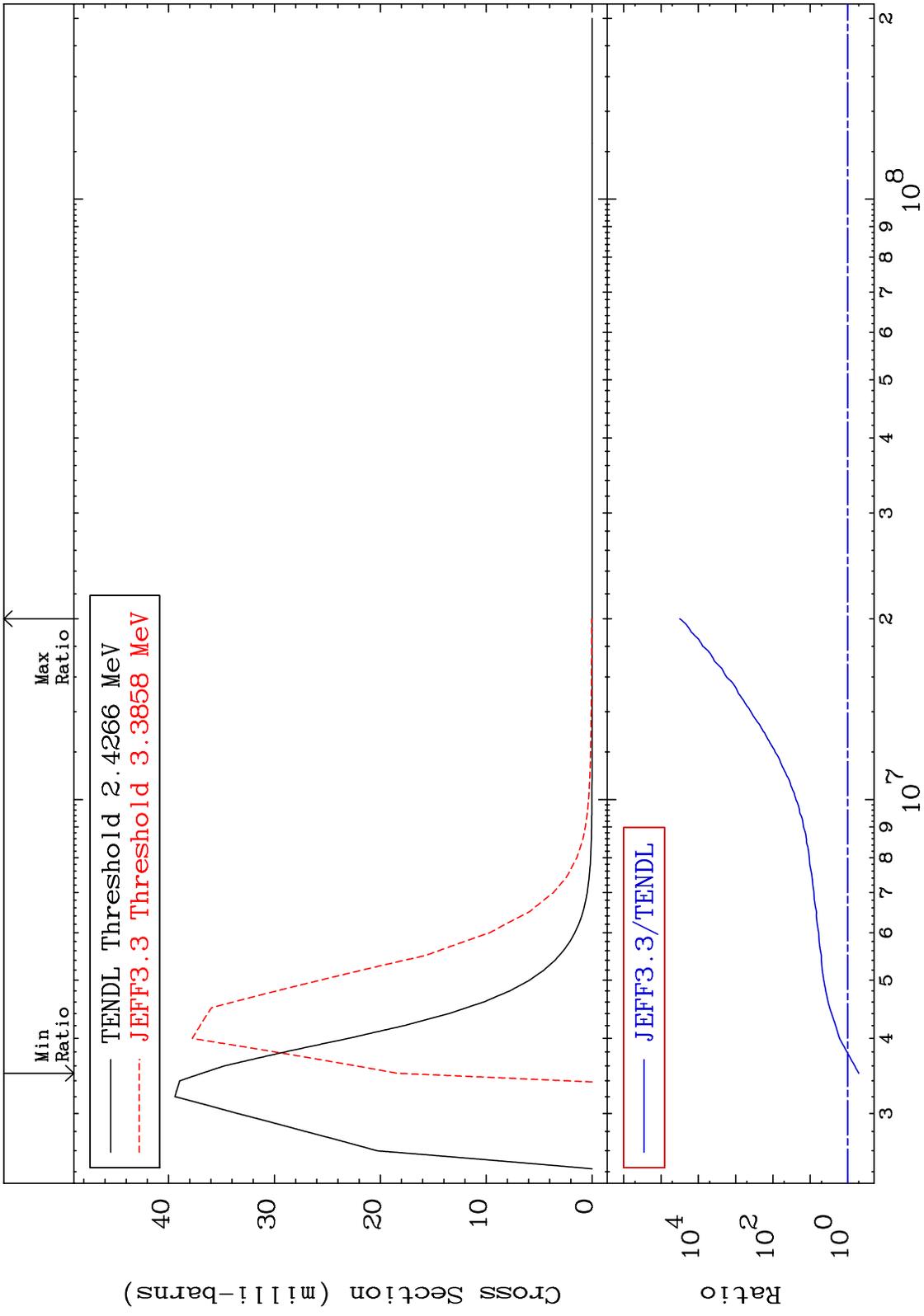
MAT 5455 MT= 67 (n,n') Level Cross Section 54-Xe-134 -94.15 To 230.9 %



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



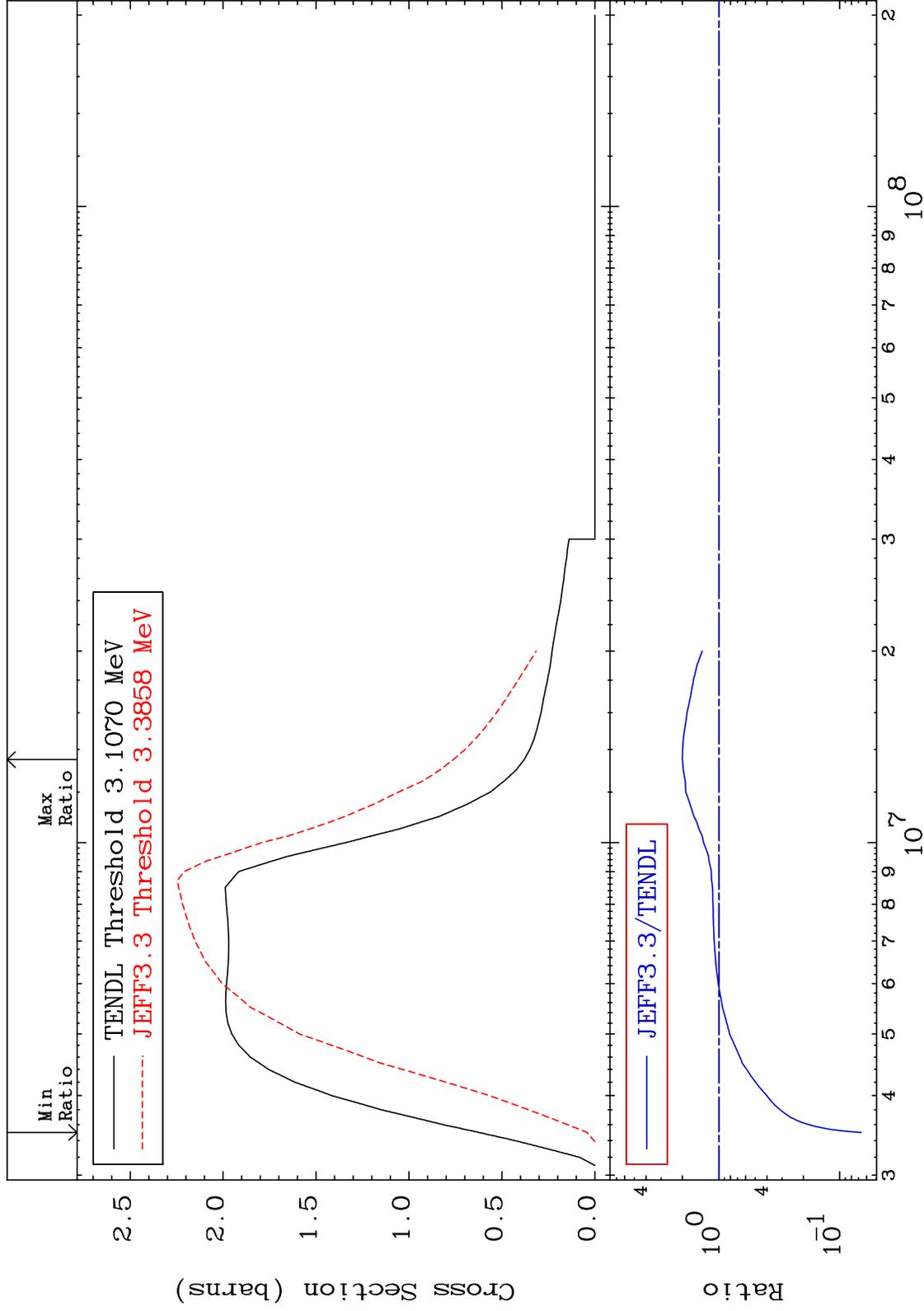
MAT 5455 MT= 69 (n,n') Level Cross Section 54-Xe-134
 -50.08 To 9999. %



MAT 5455

(n, n') Continuum
Cross Section

54-Xe-134
-93.37 To 99.94 %



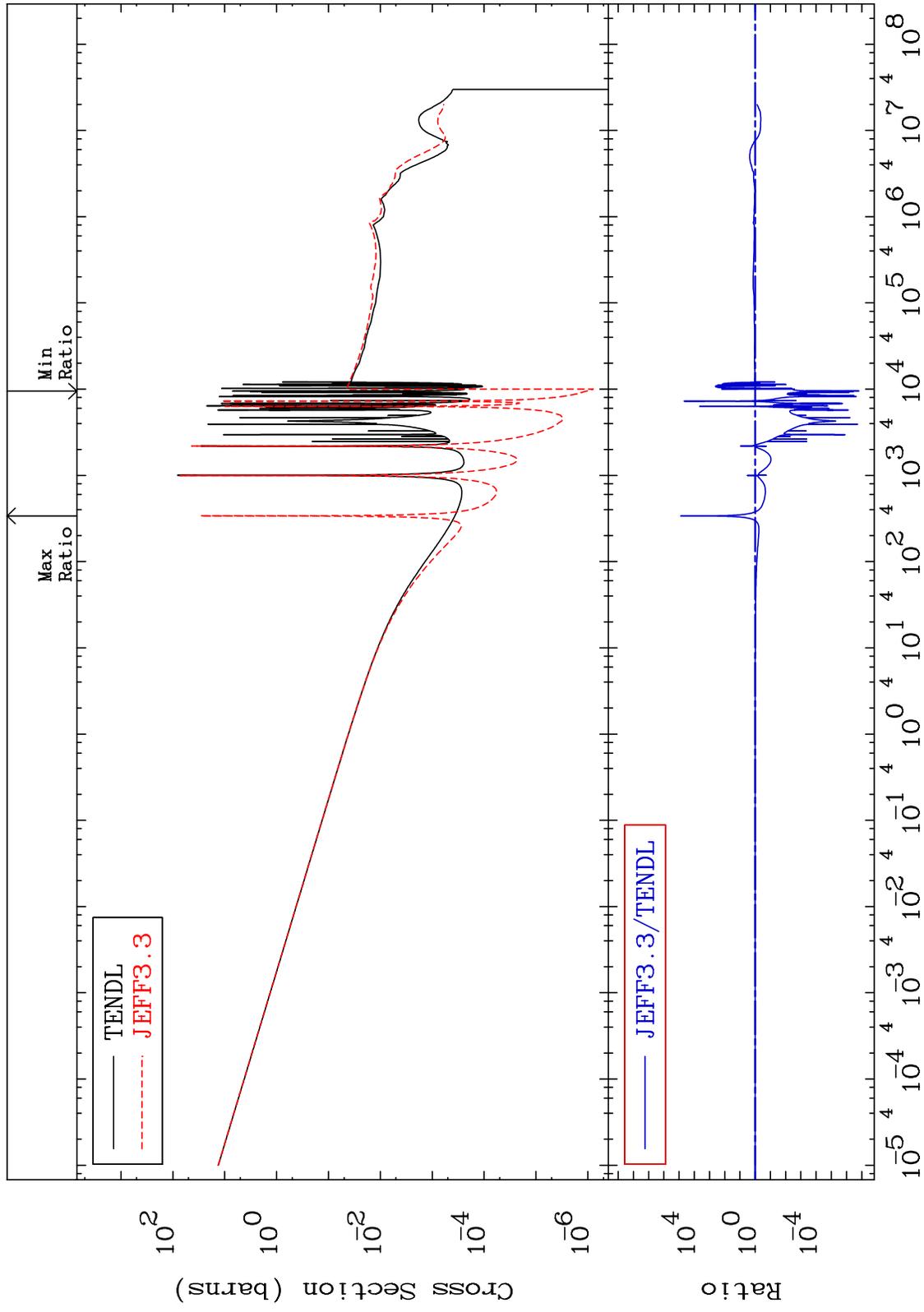
MAT 5455

54-Xe-134

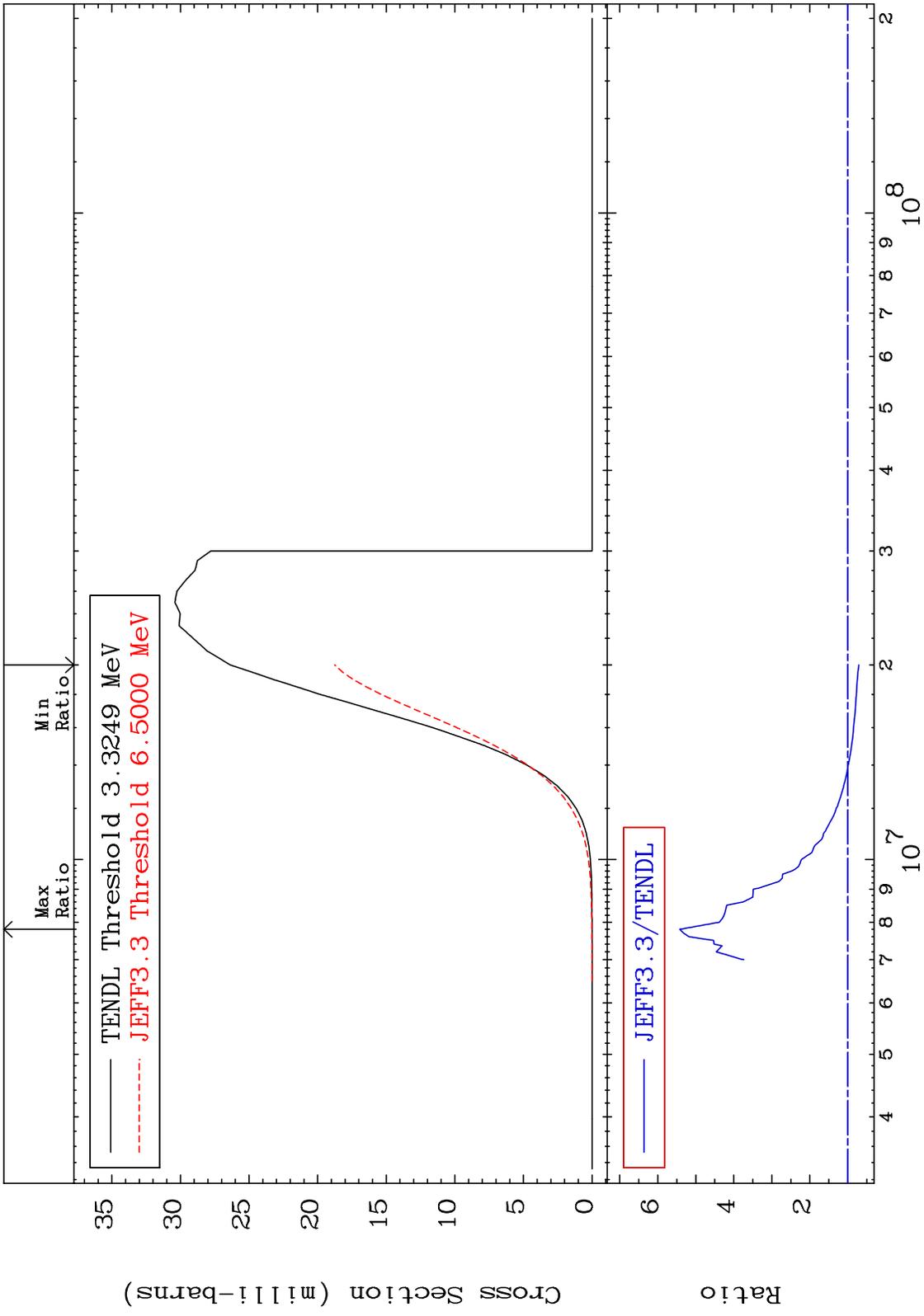
(n, γ)

Cross Section

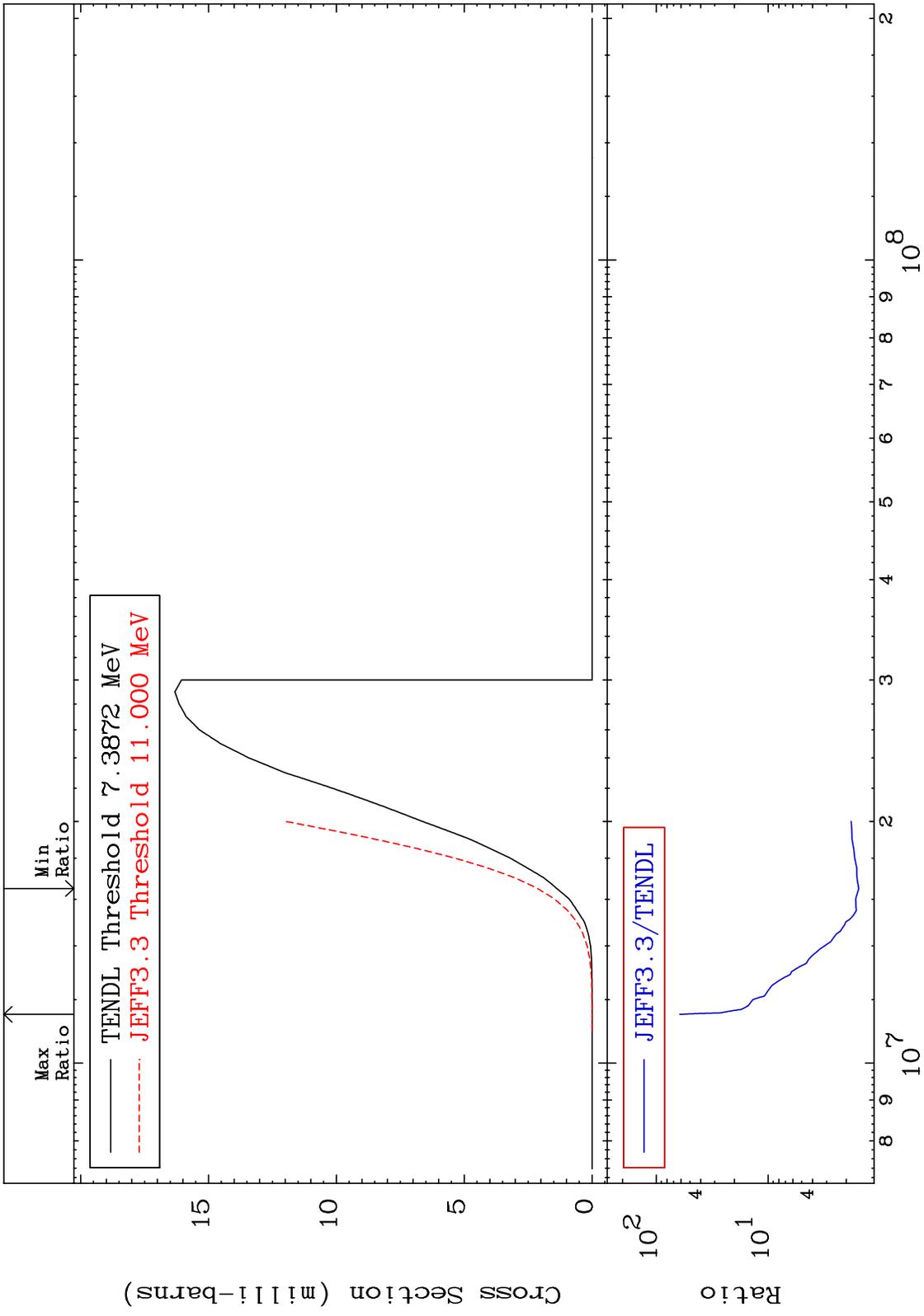
-100.0 To 9999. %



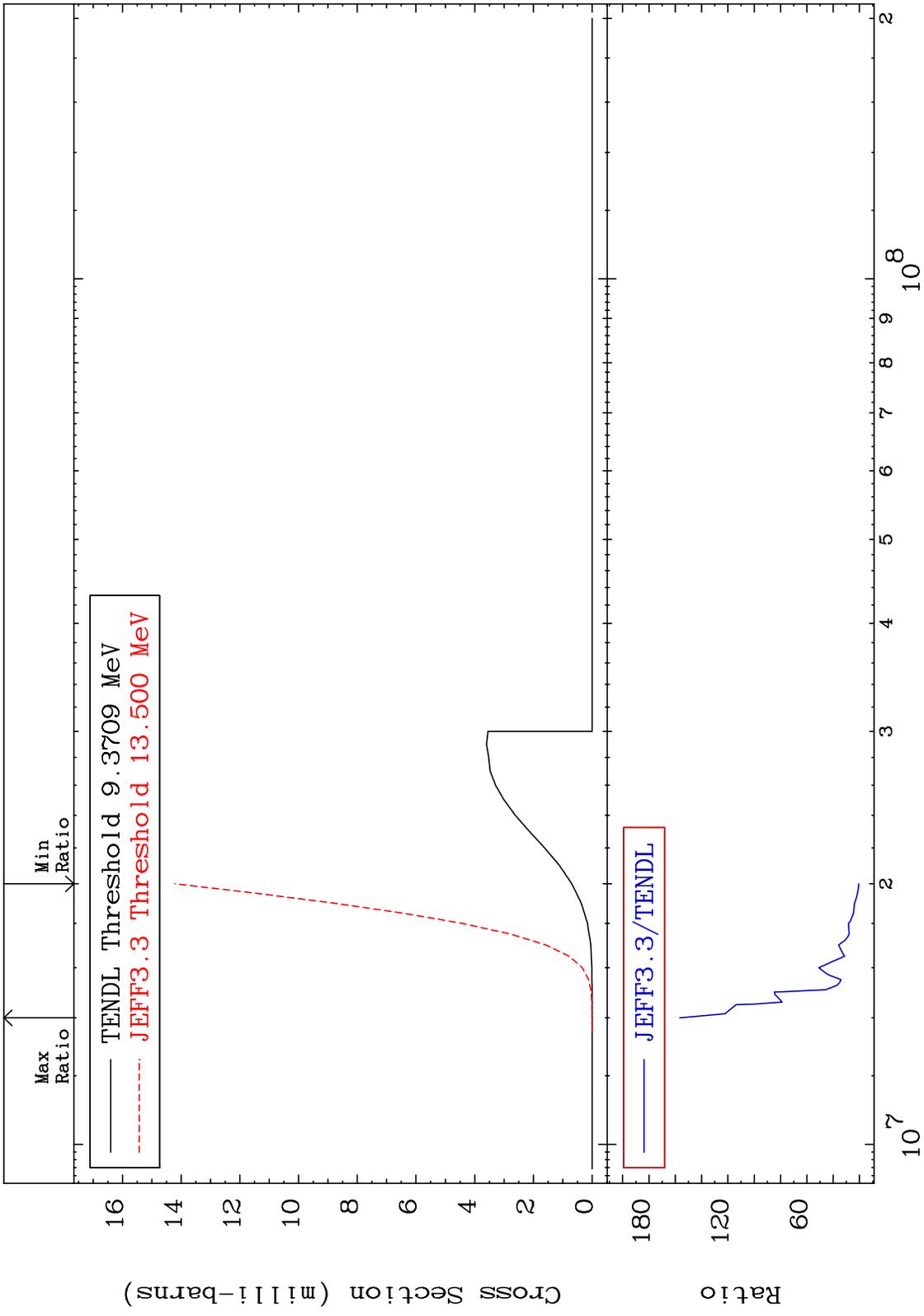
MAT 5455 (n,p) Cross Section 54-Xe-134 -28.86 To 442.2 %



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

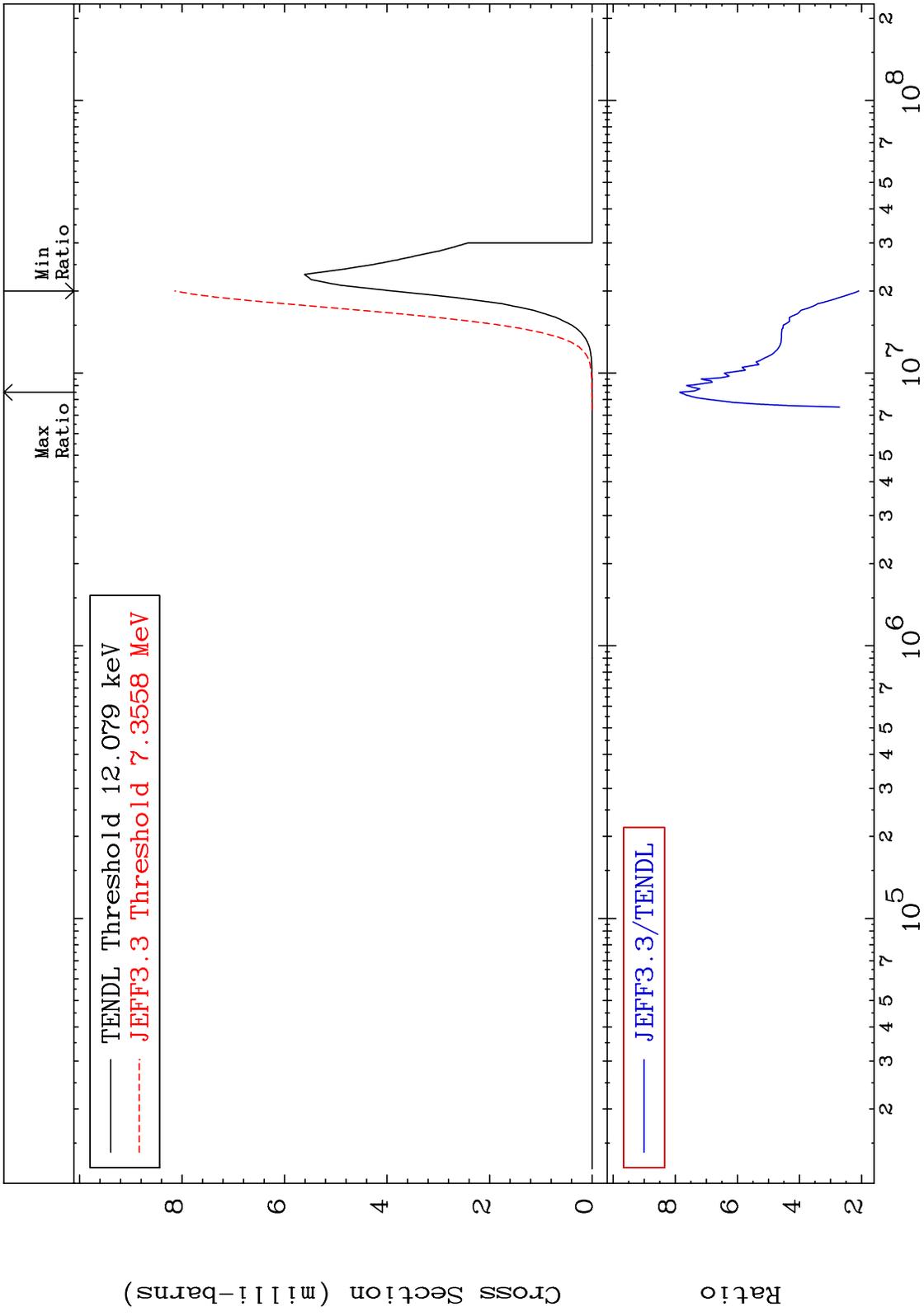


MAT 5455 (n,t) Cross Section 54-Xe-134 1954. To 9999. %



31 Incident Energy (eV) 54-Xe-134

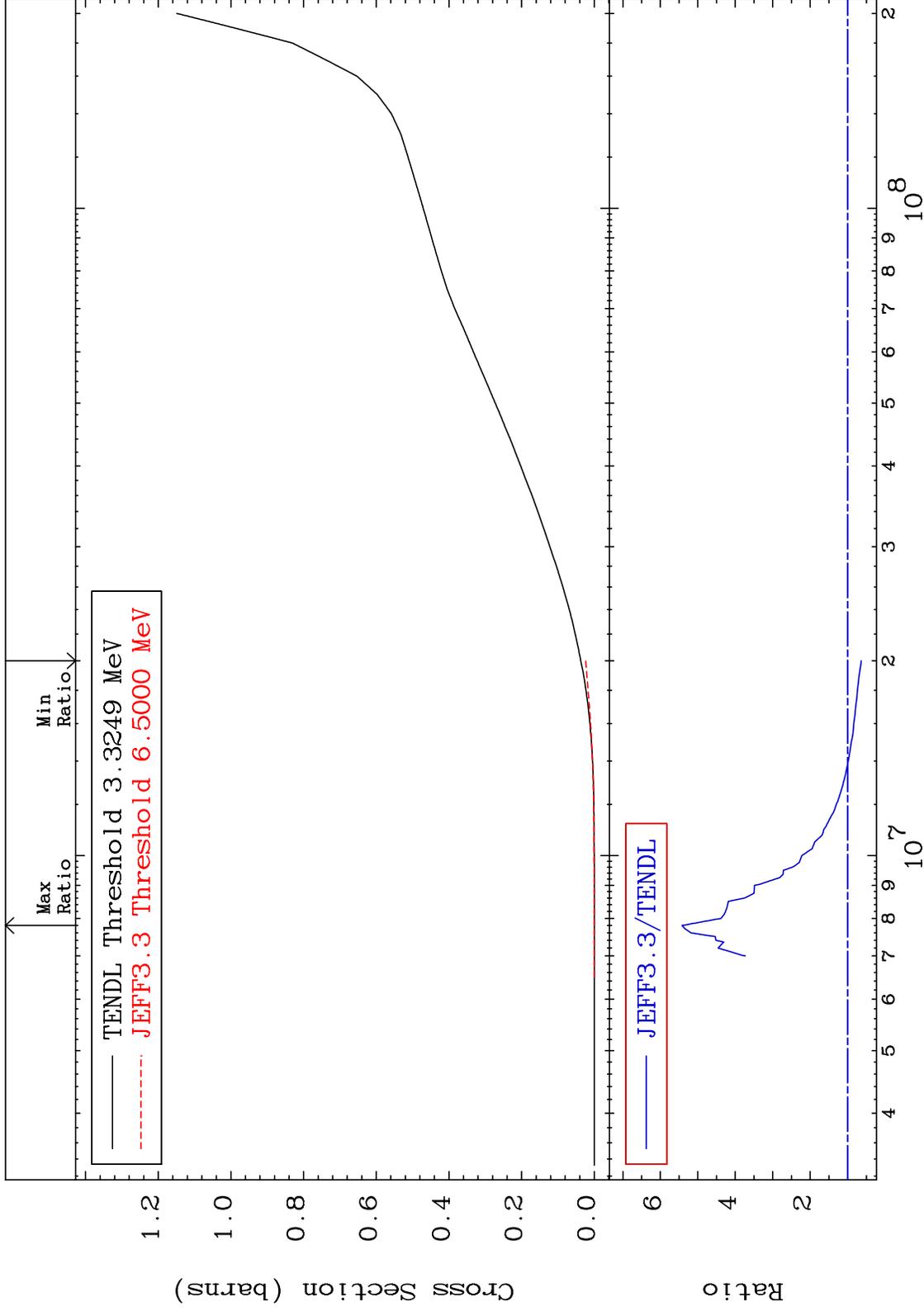
MAT 5455 (n, α) Cross Section 54-Xe-134 109.1 To 685.6 %



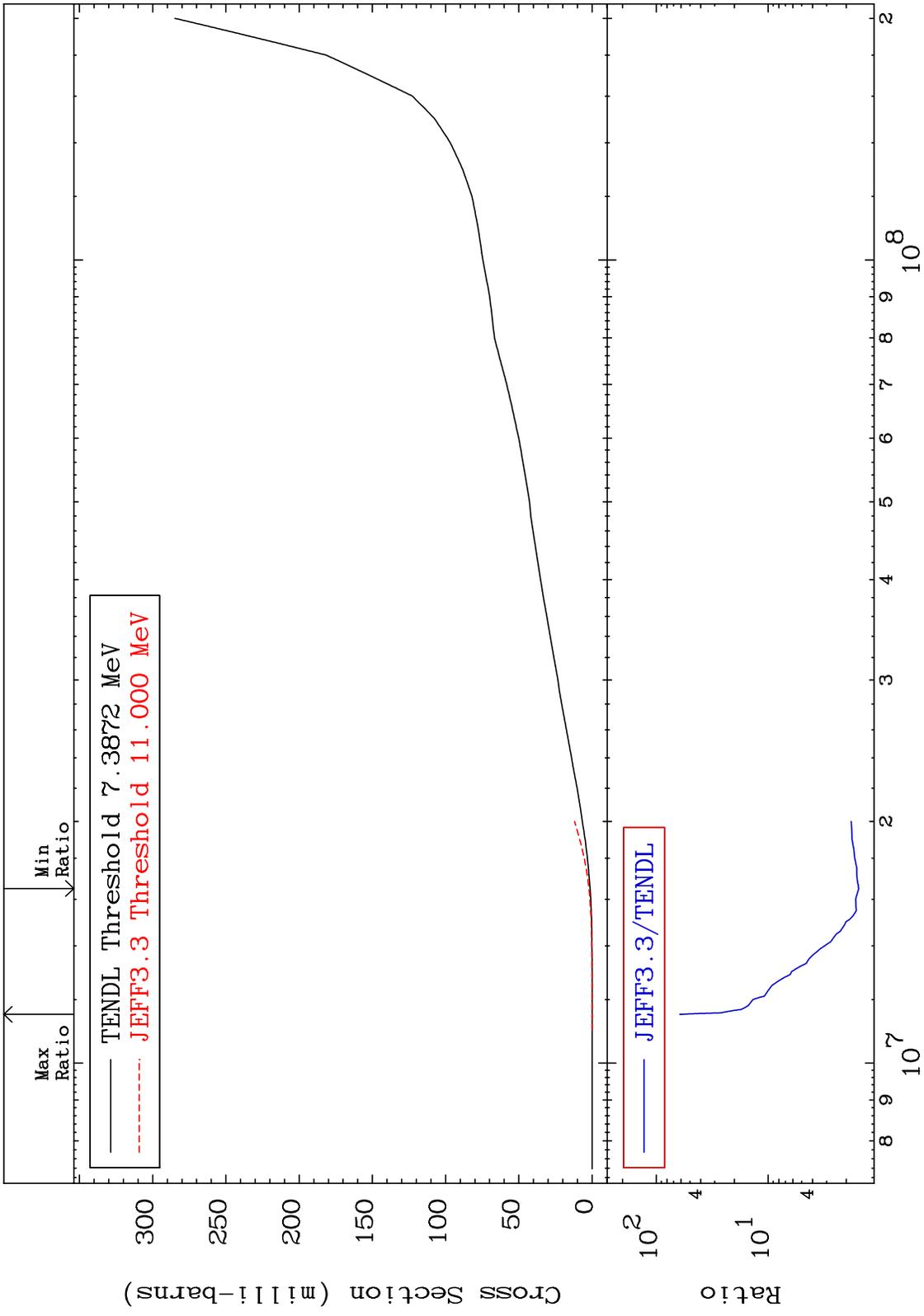
MAT 5455

Hydrogen Production
Cross Section

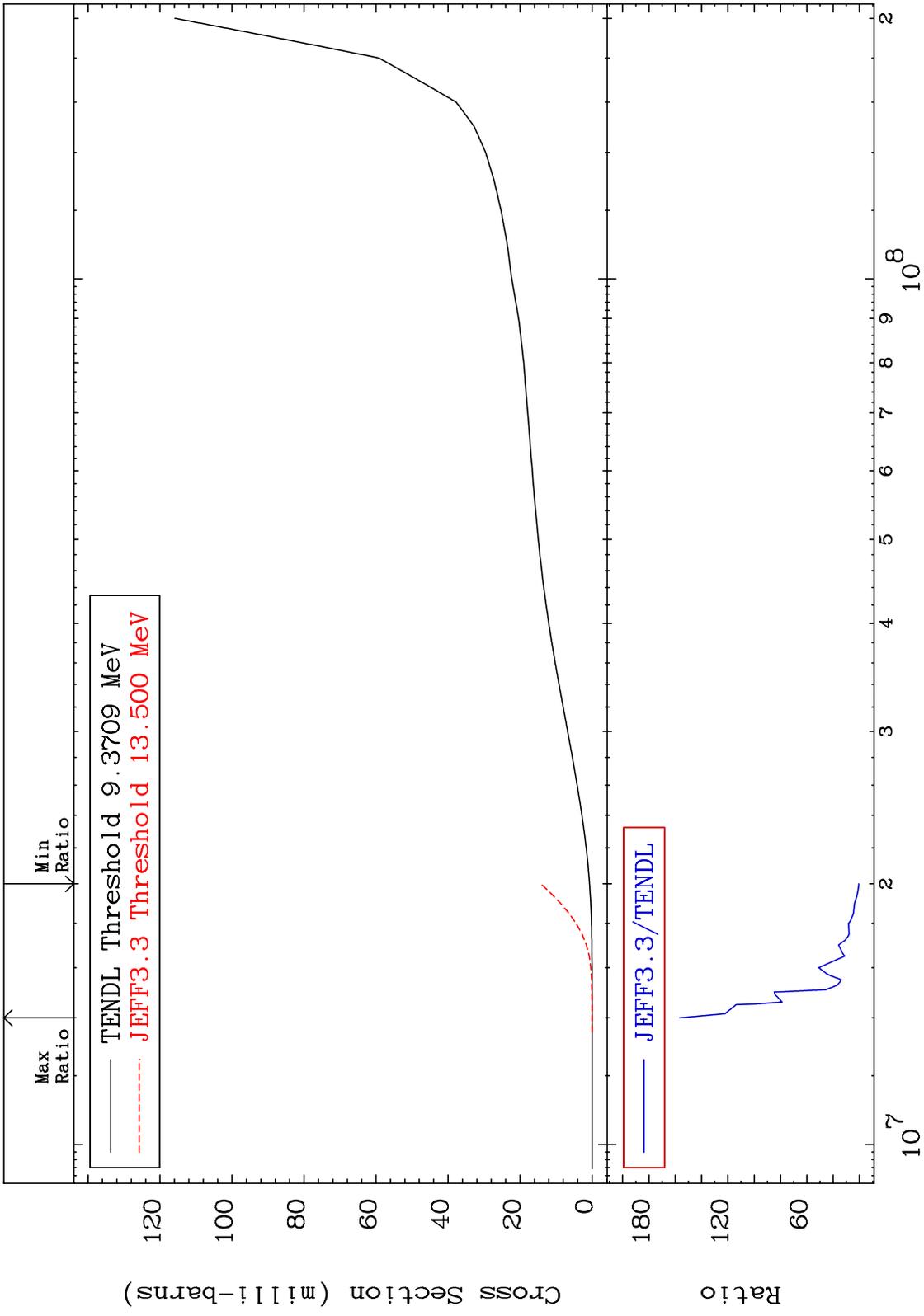
54-Xe-134
-36.22 To 442.2 %



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

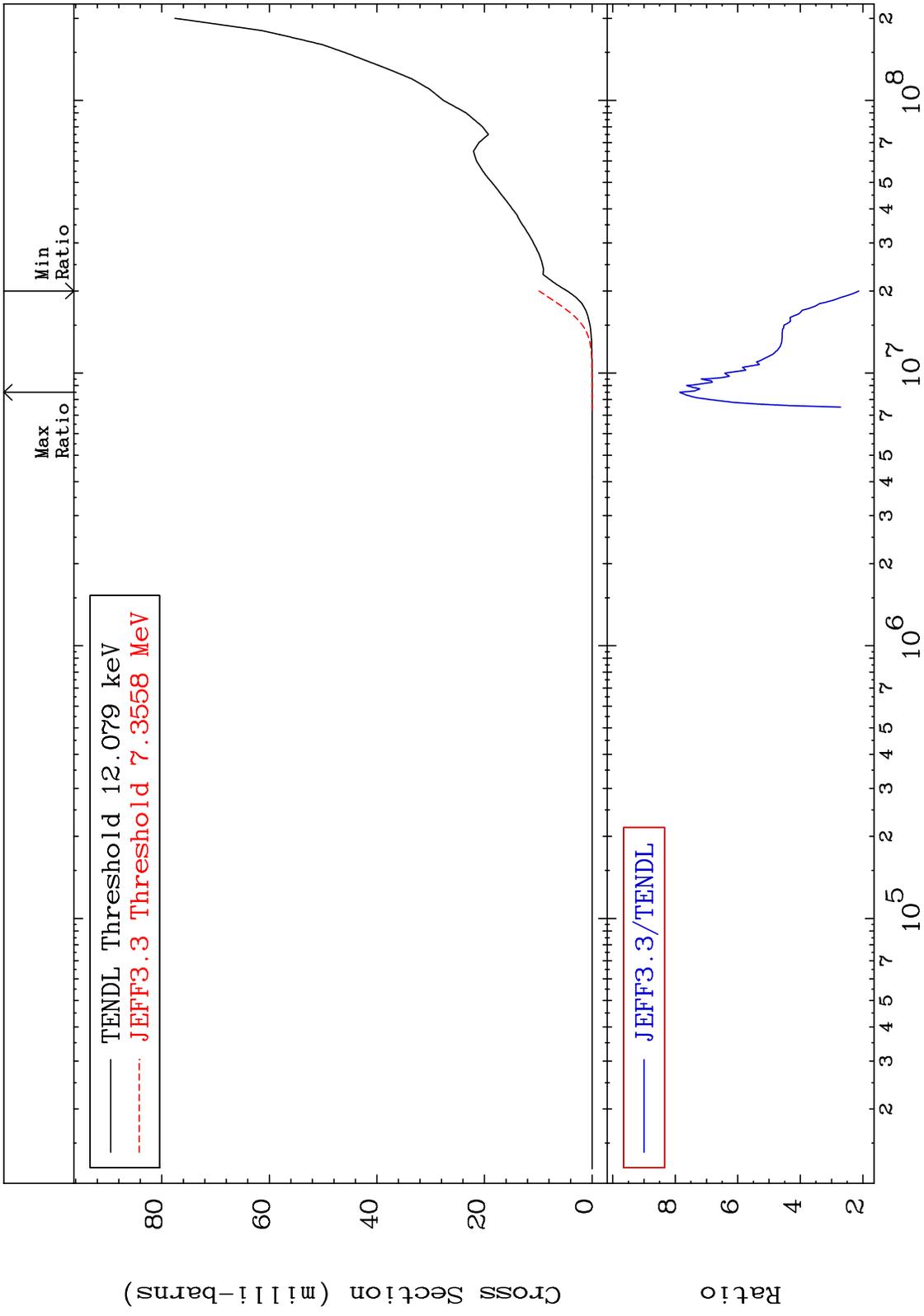


MAT 5455 Tritium Production Cross Section 54-Xe-134 1954. To 9999. %



35 54-Xe-134

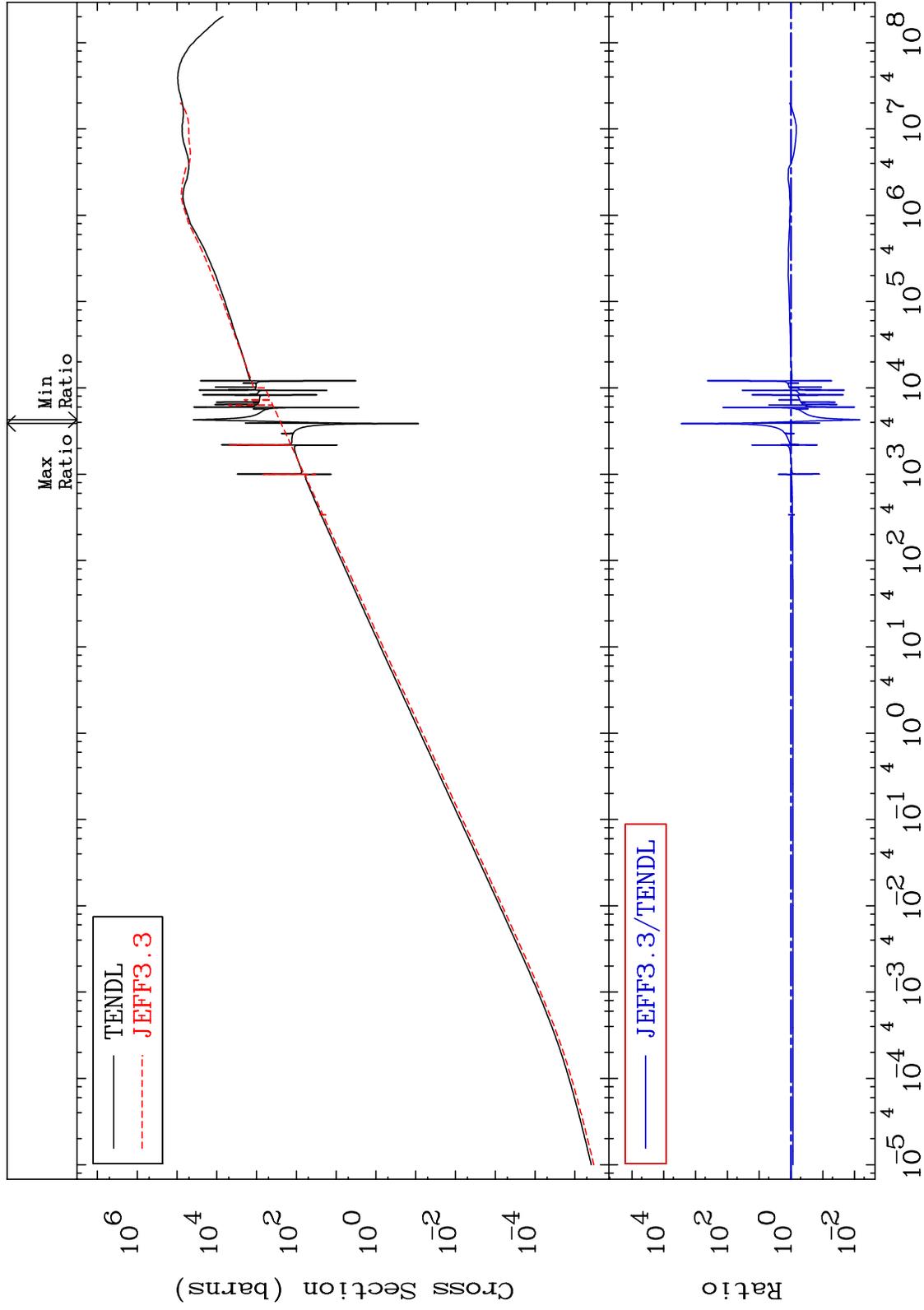
MAT 5455 He-4 Production Cross Section 54-Xe-134 113.0 To 685.6 %



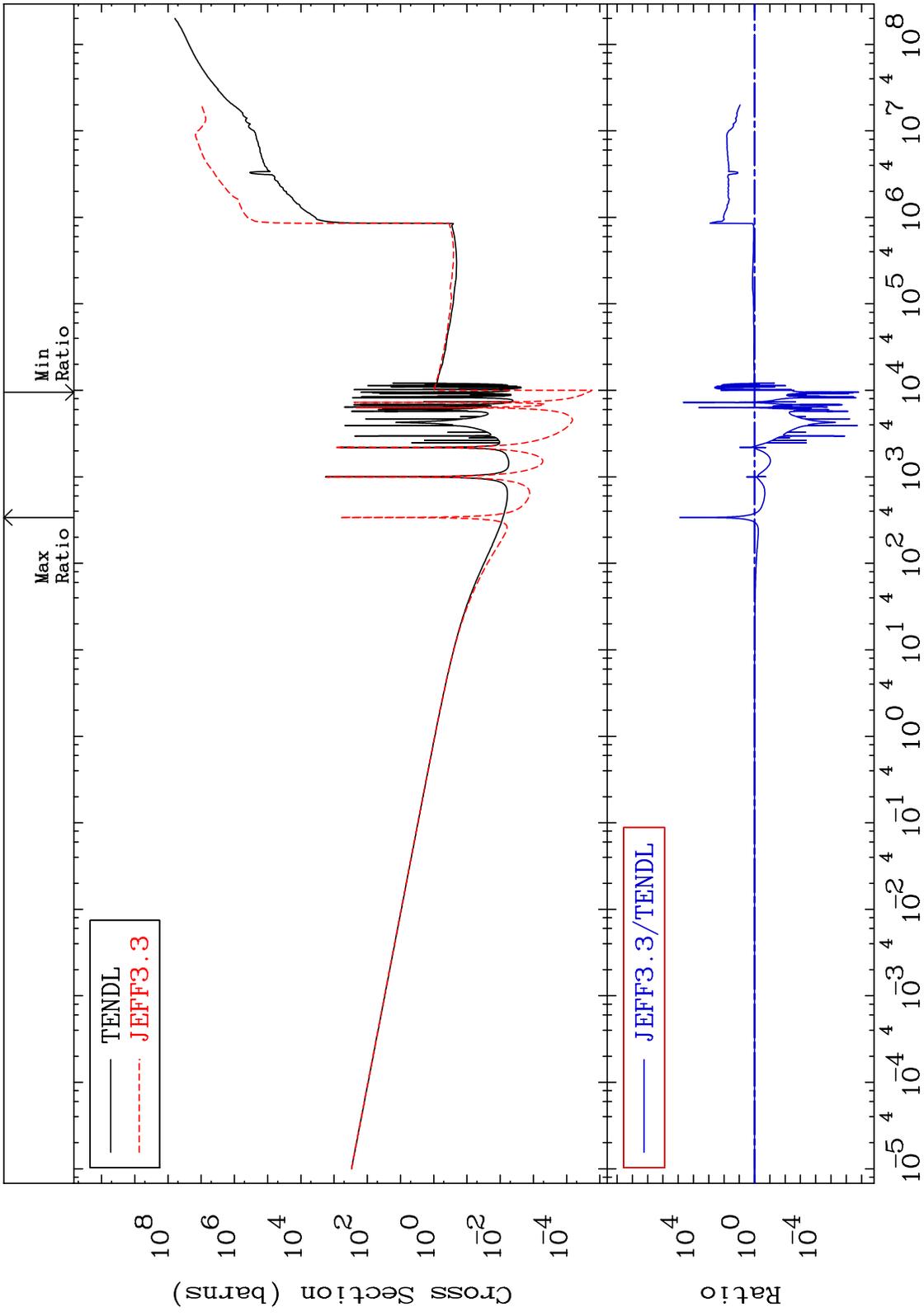
MAT 5455

Kerma elastic
Cross Section

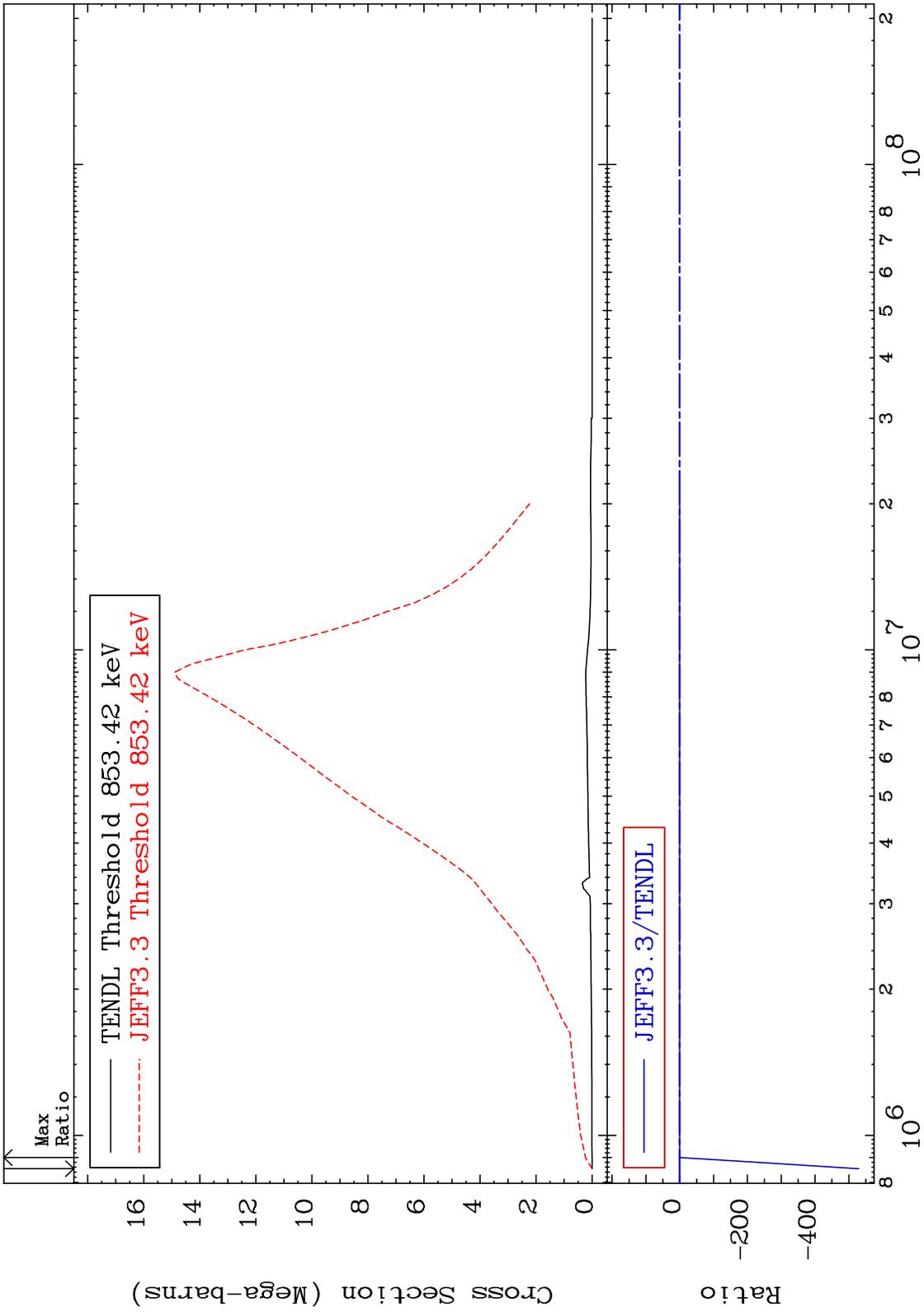
54-Xe-134
-99.31 To 9999. %



MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 -100.0 To 9999. %
 Cross Section



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

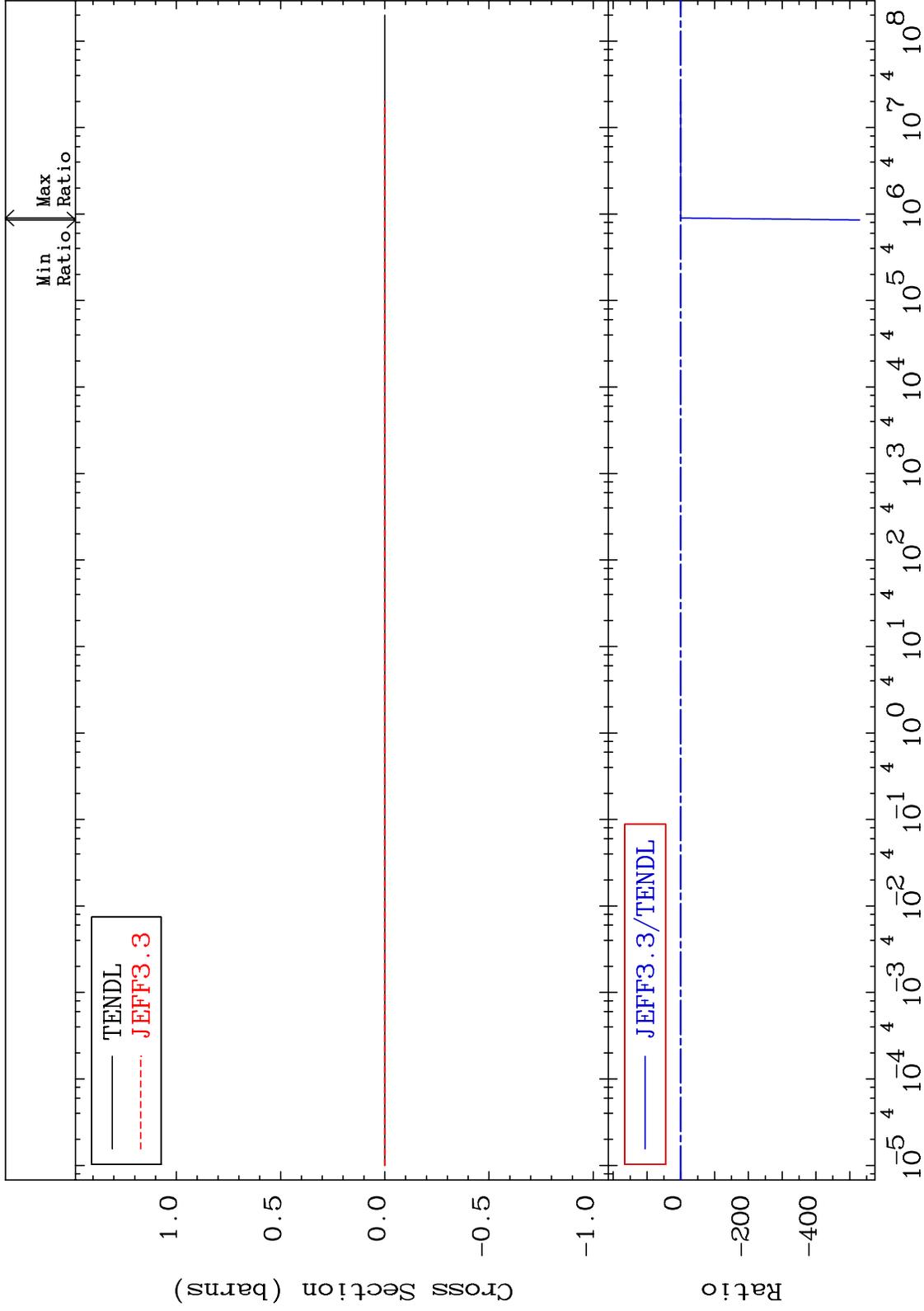


40 Incident Energy (eV) 54-Xe-134

MAT 5455

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

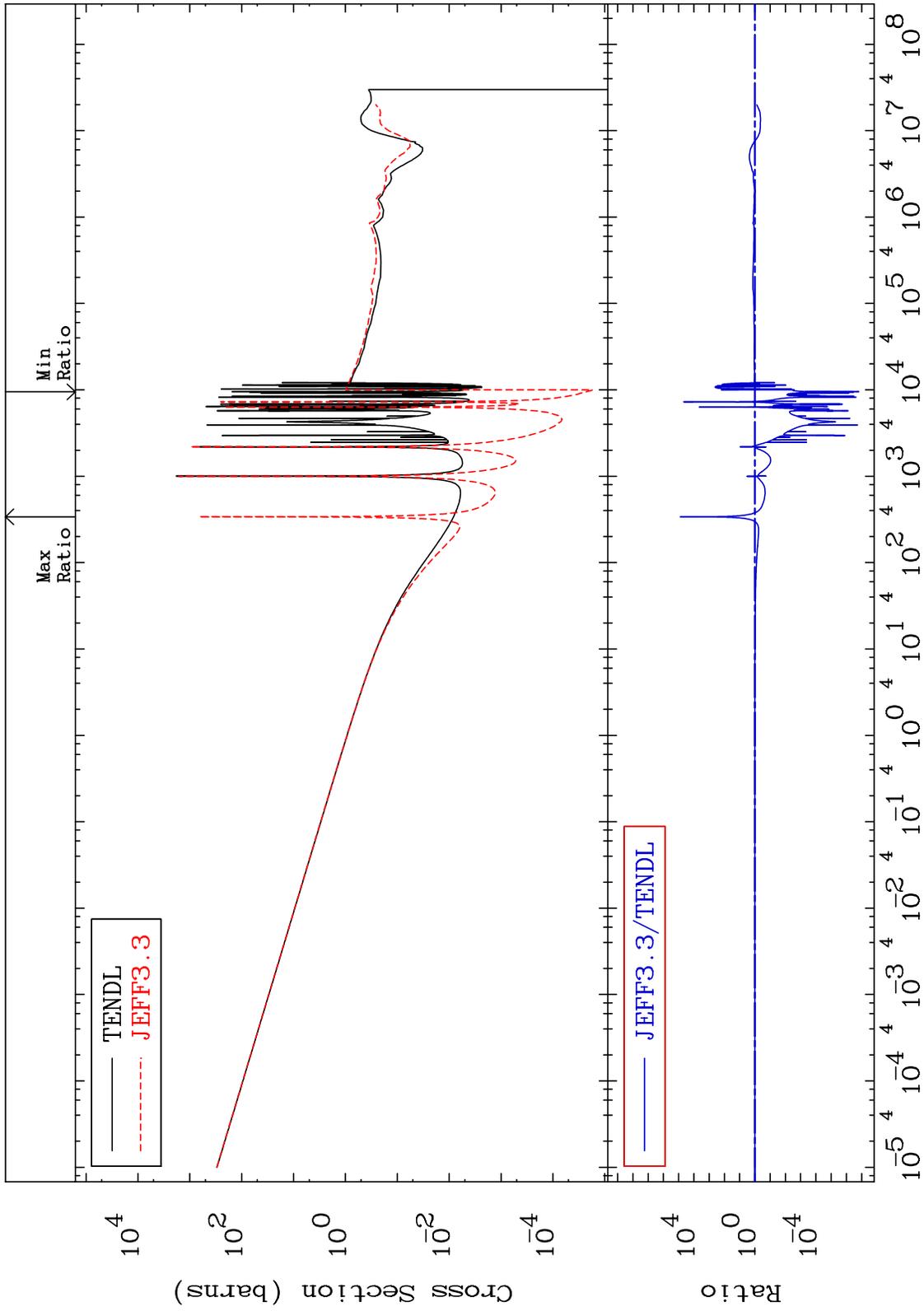
54-Xe-134
-9999. To 9999. %



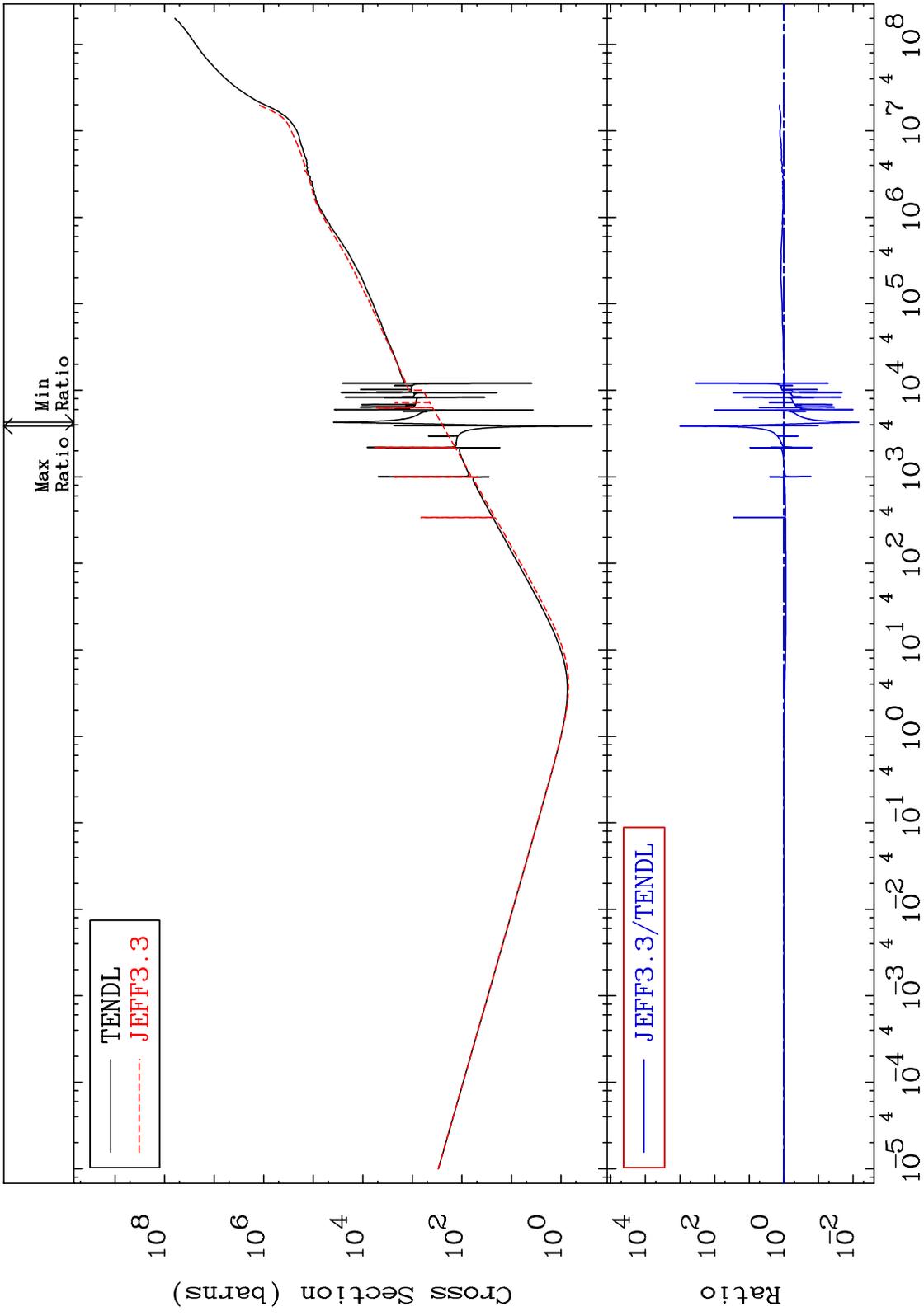
MAT 5455

Kerma capture (mt102)
Cross Section

54-Xe-134
-100.0 To 9999. %



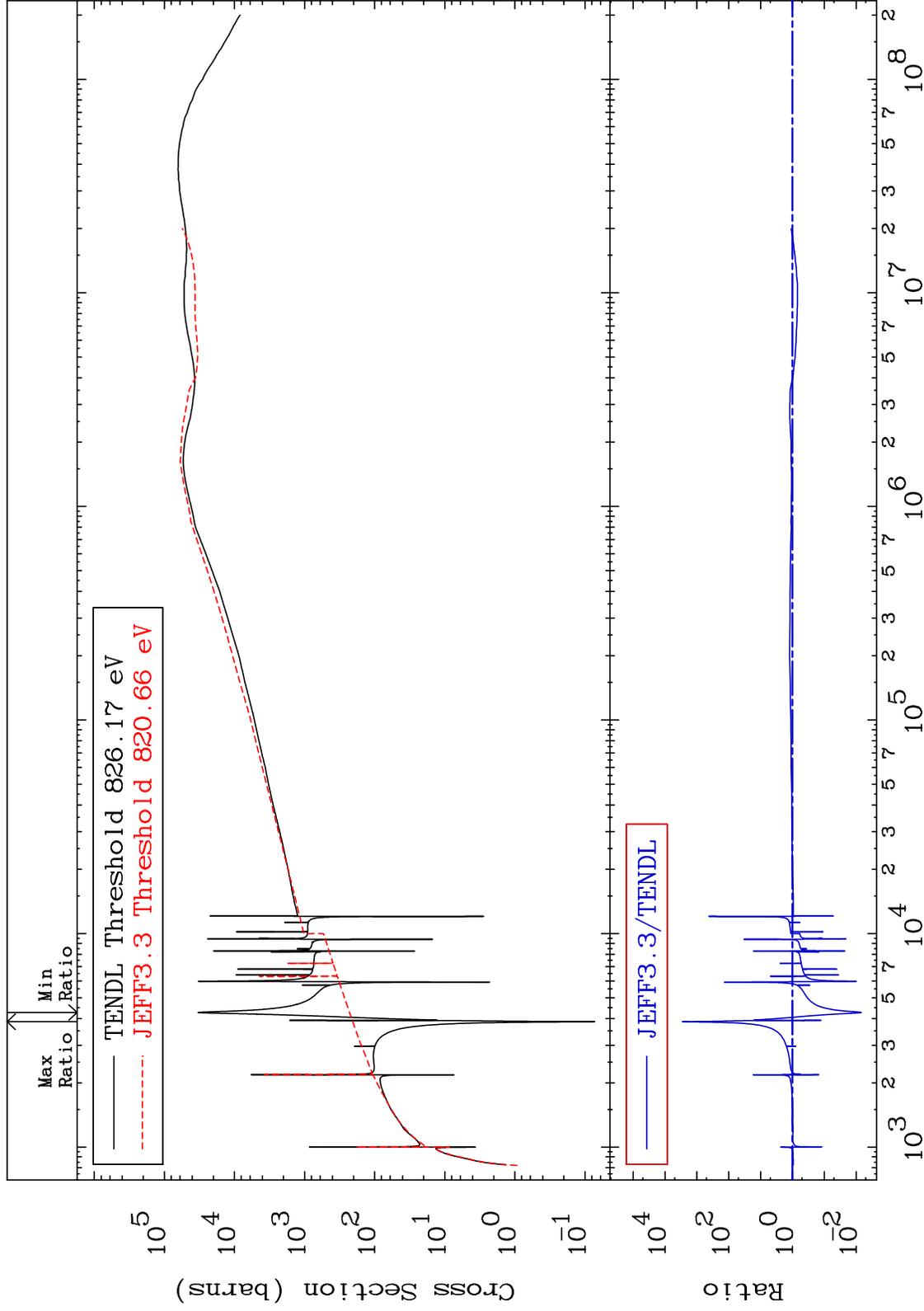
MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.32 To 9999. %



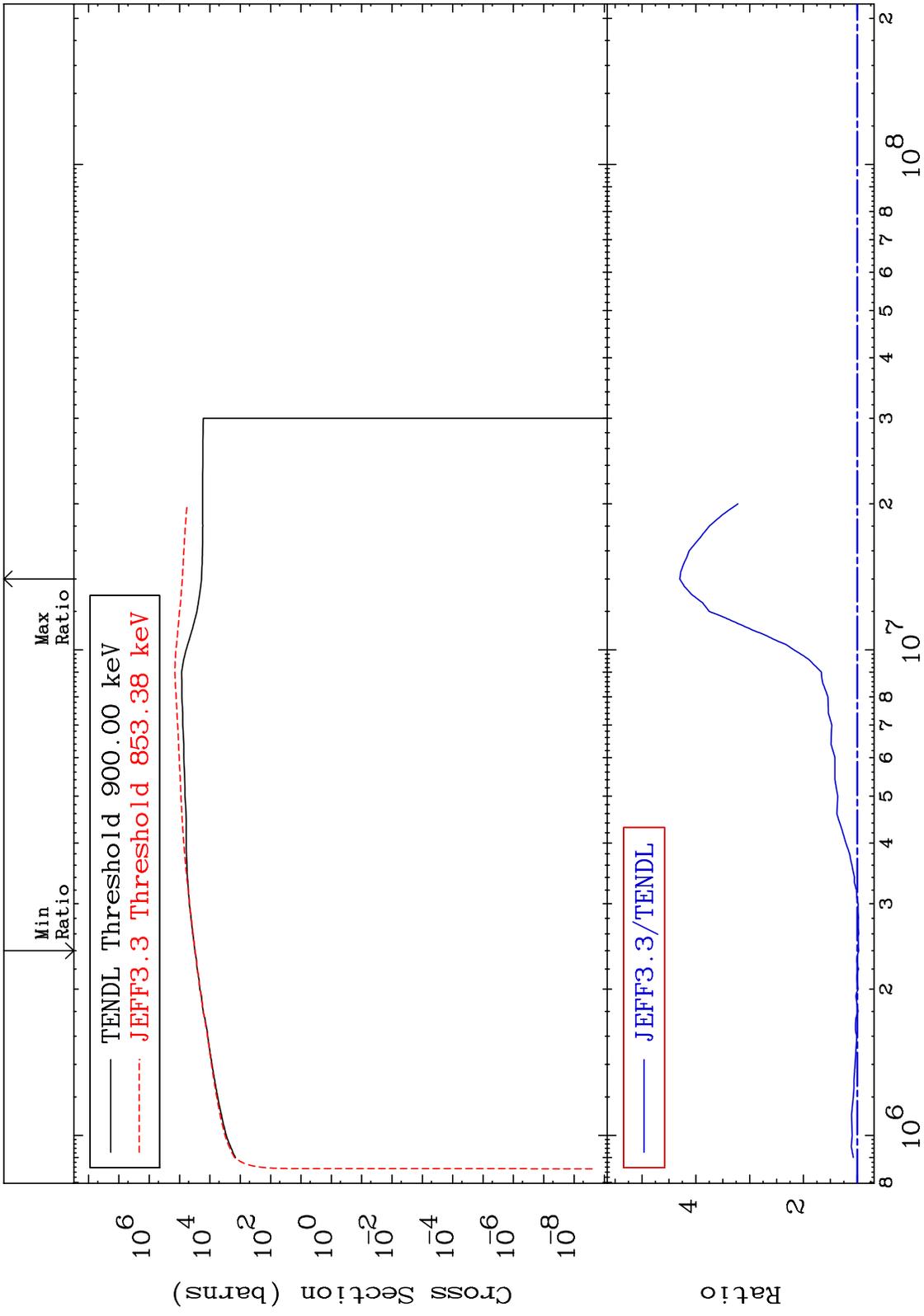
MAT 5455

Dpa elastic (mt2)
Cross Section

54-Xe-134
-99.31 To 9999. %

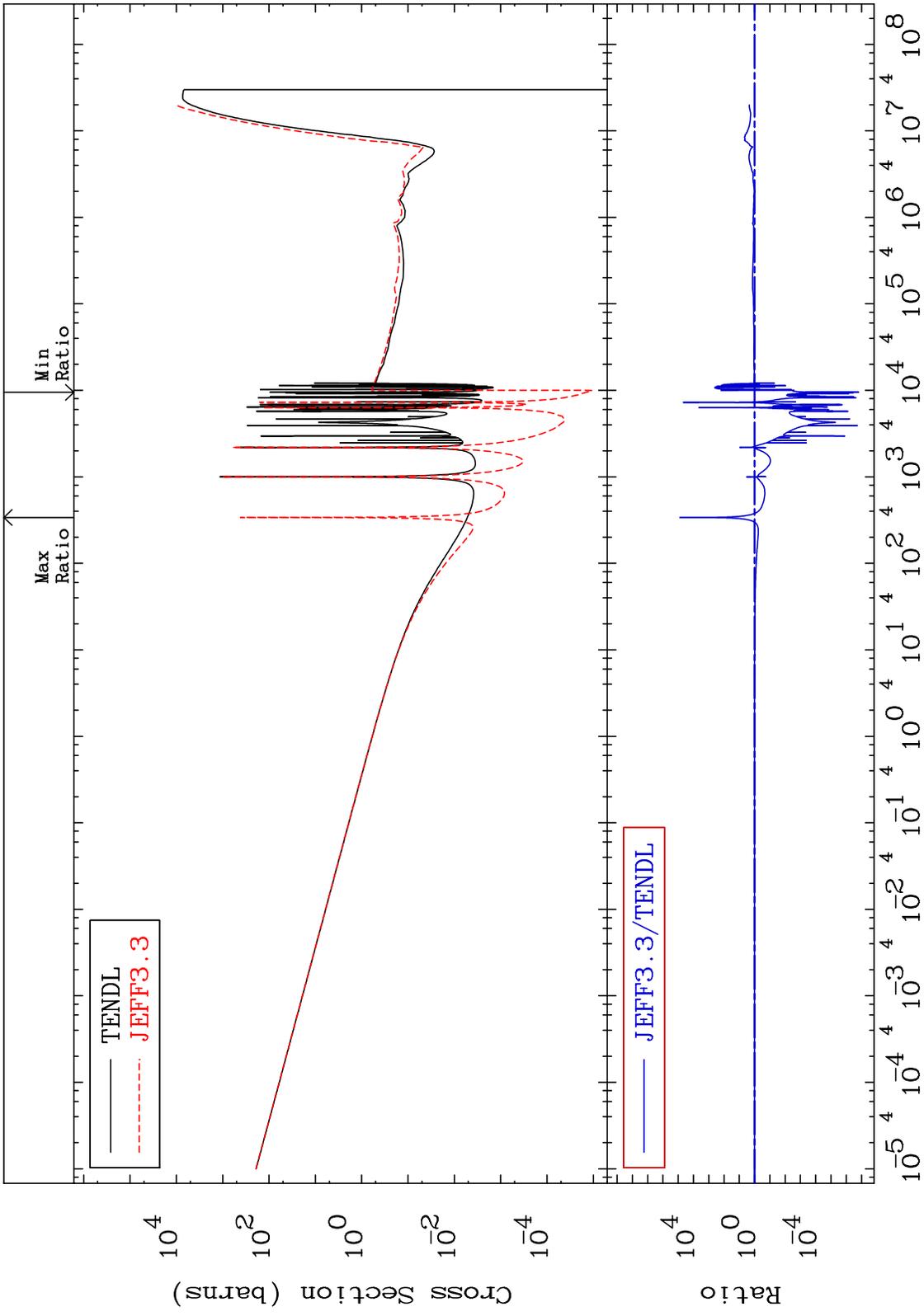


MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -2.800 To 329.9 %



47 54-Xe-134

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



48 Incident Energy (eV) 54-Xe-134