

Program Complot  
(Version 2021-1)

by

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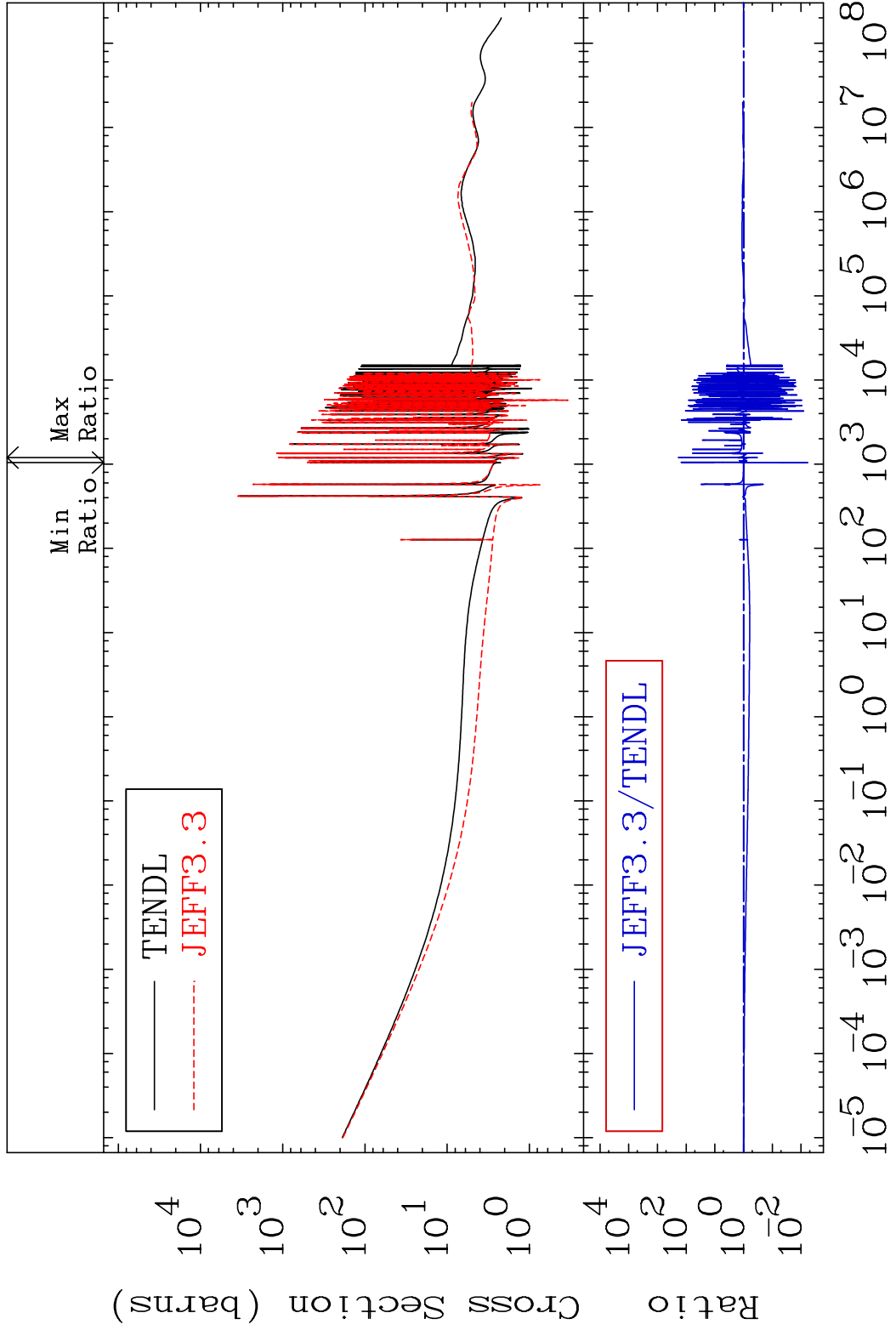
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5646                      Total                      56-Ba-137  
 Cross Section                      -99.41 To 9999. %



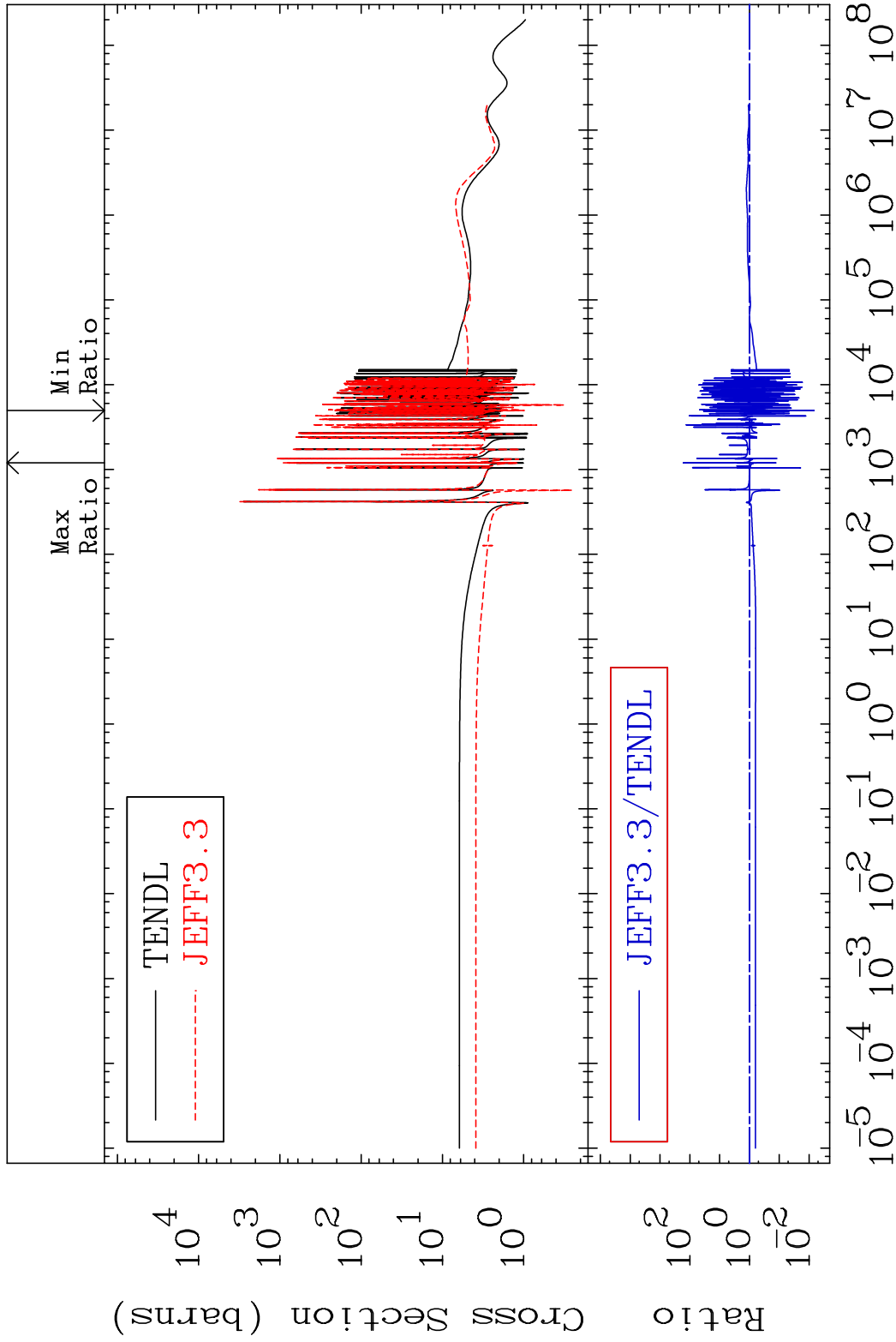
1                      Incident Energy (eV)                      56-Ba-137

MAT 5646

Elastic

56-Ba-137

Cross Section -99.31 To 9999. %

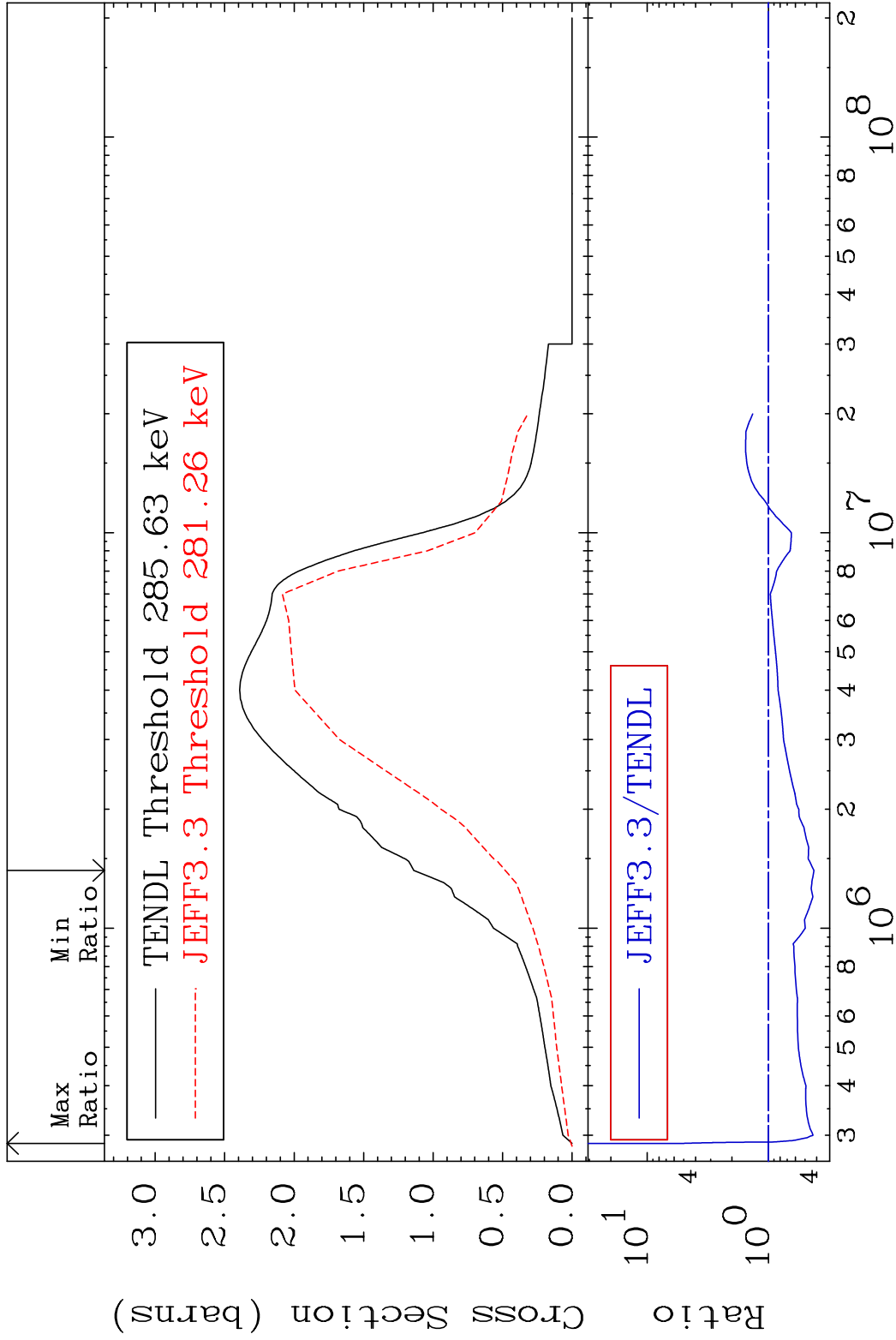


2

Incident Energy (eV)

56-Ba-137

MAT 5646 Inelastic 56-Ba-137  
 Cross Section -57.80 To 402.8 %

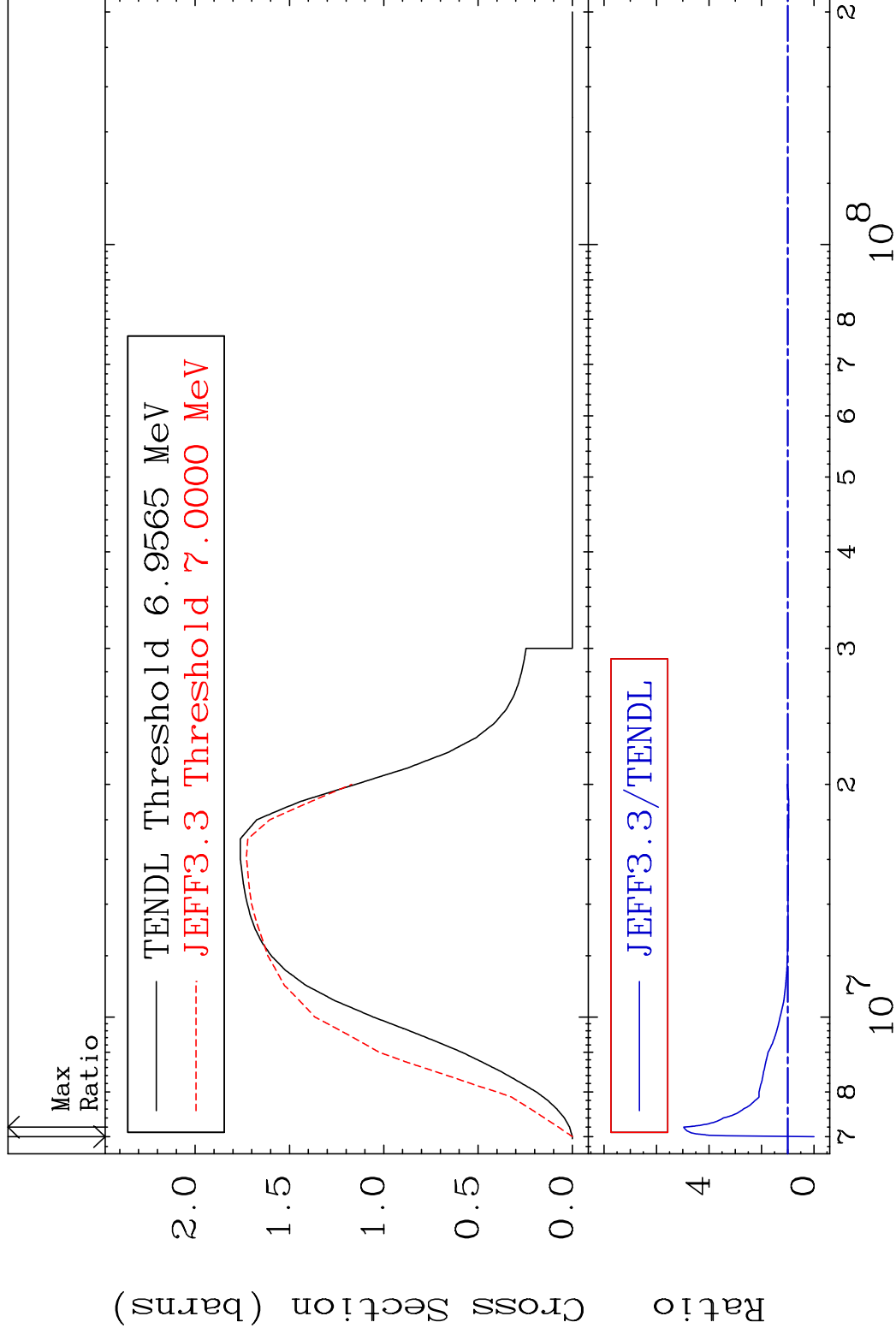


MAT 5646

(n,2n)

56-Ba-137

Cross Section -100.0 To 396.6 %

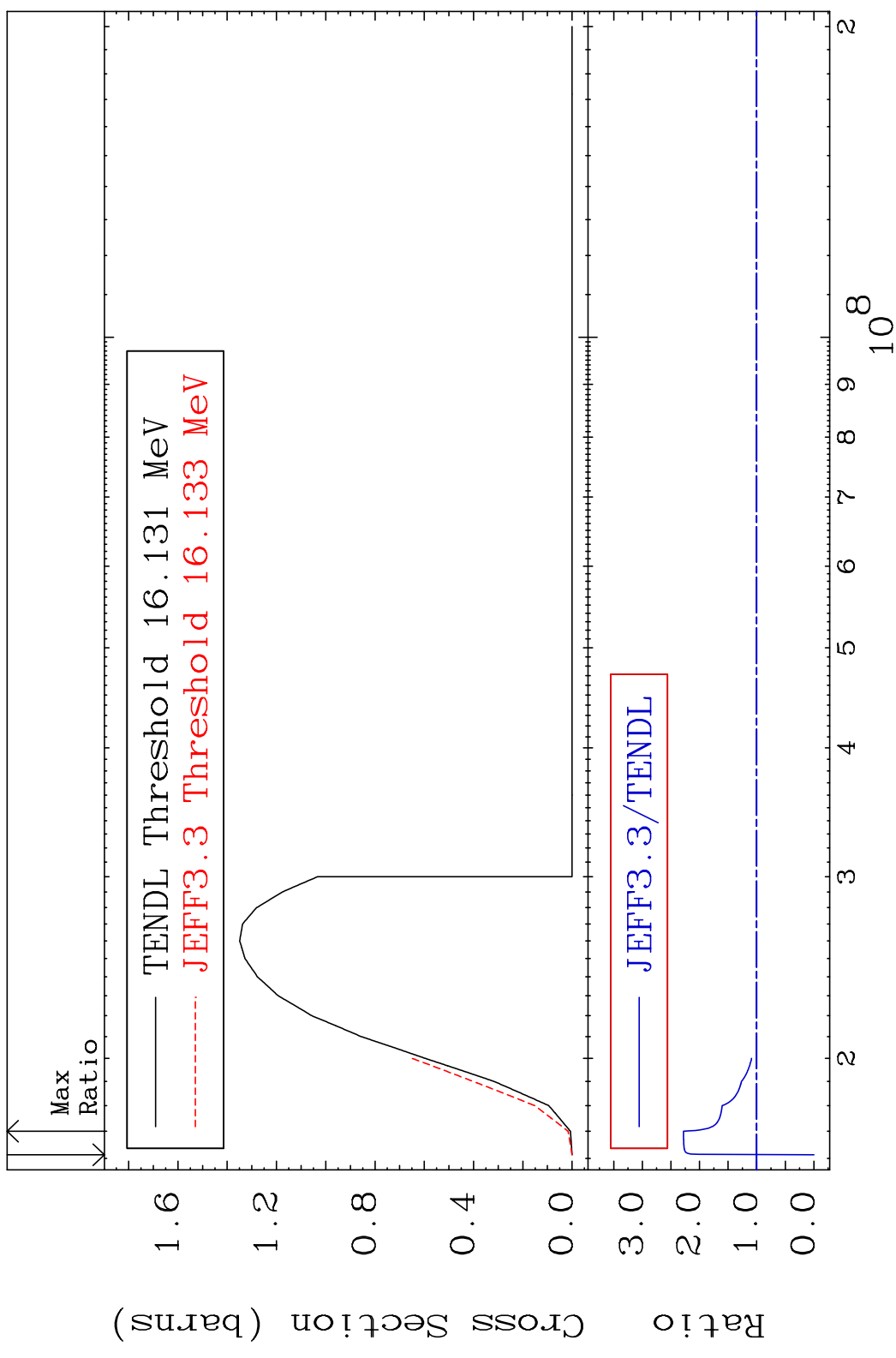


4

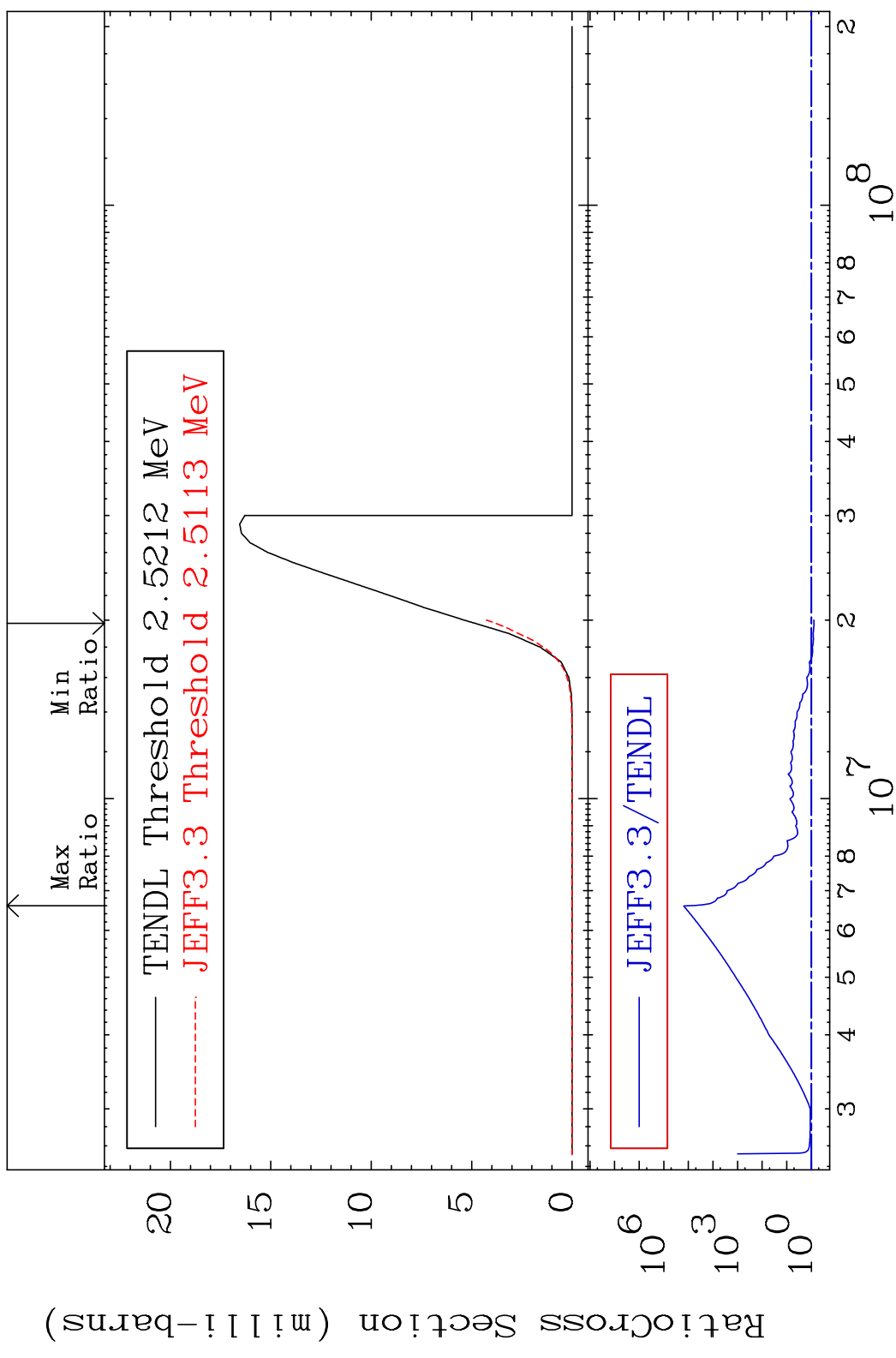
Incident Energy (eV)

56-Ba-137

MAT 5646 (n,3n) 56-Ba-137  
 Cross Section -100.0 To 128.1 %

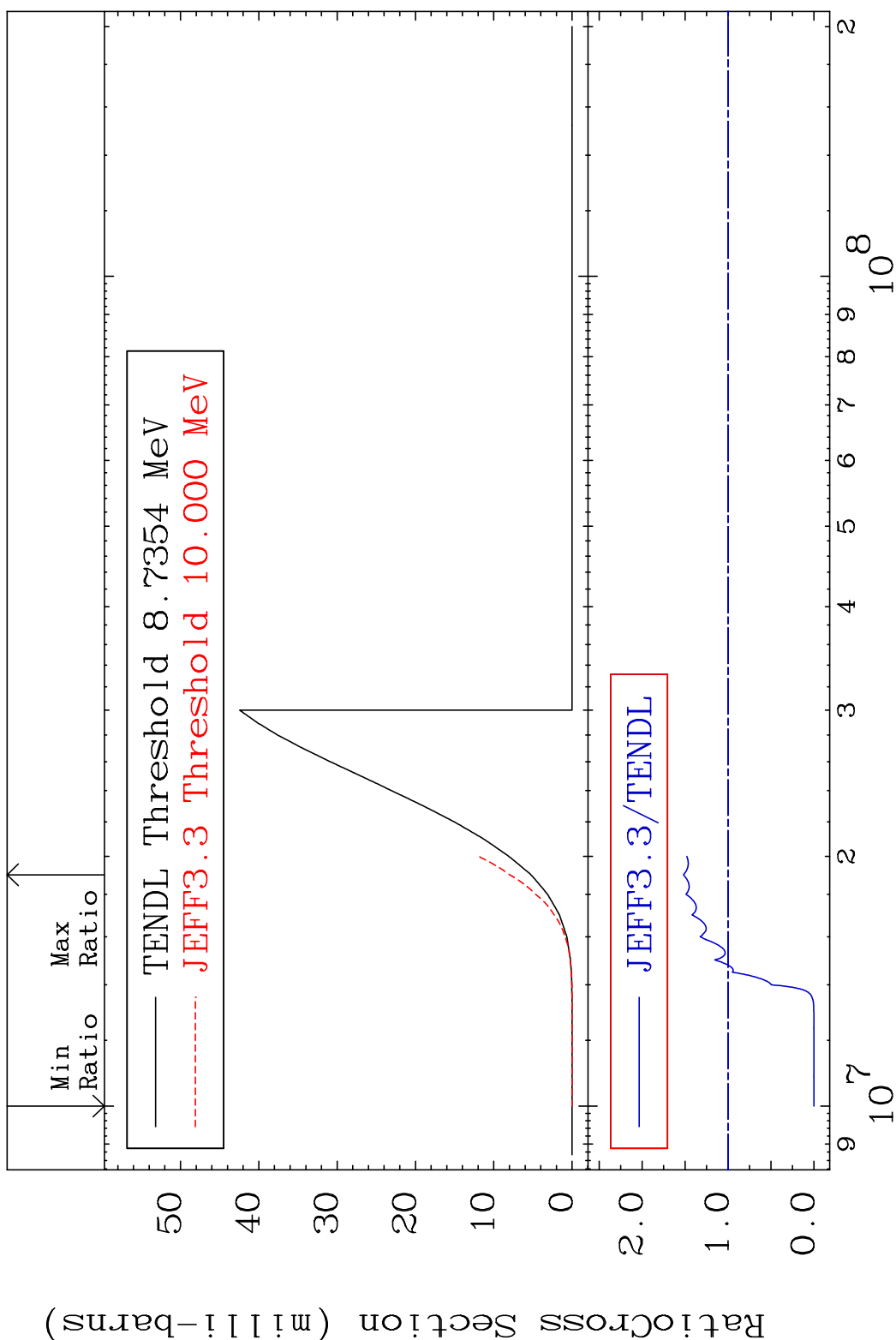


MAT 5646 (n, n')  $\alpha$  56-Ba-137  
 Cross Section -21.27 To 9999. %



6 Incident Energy (eV) 56-Ba-137

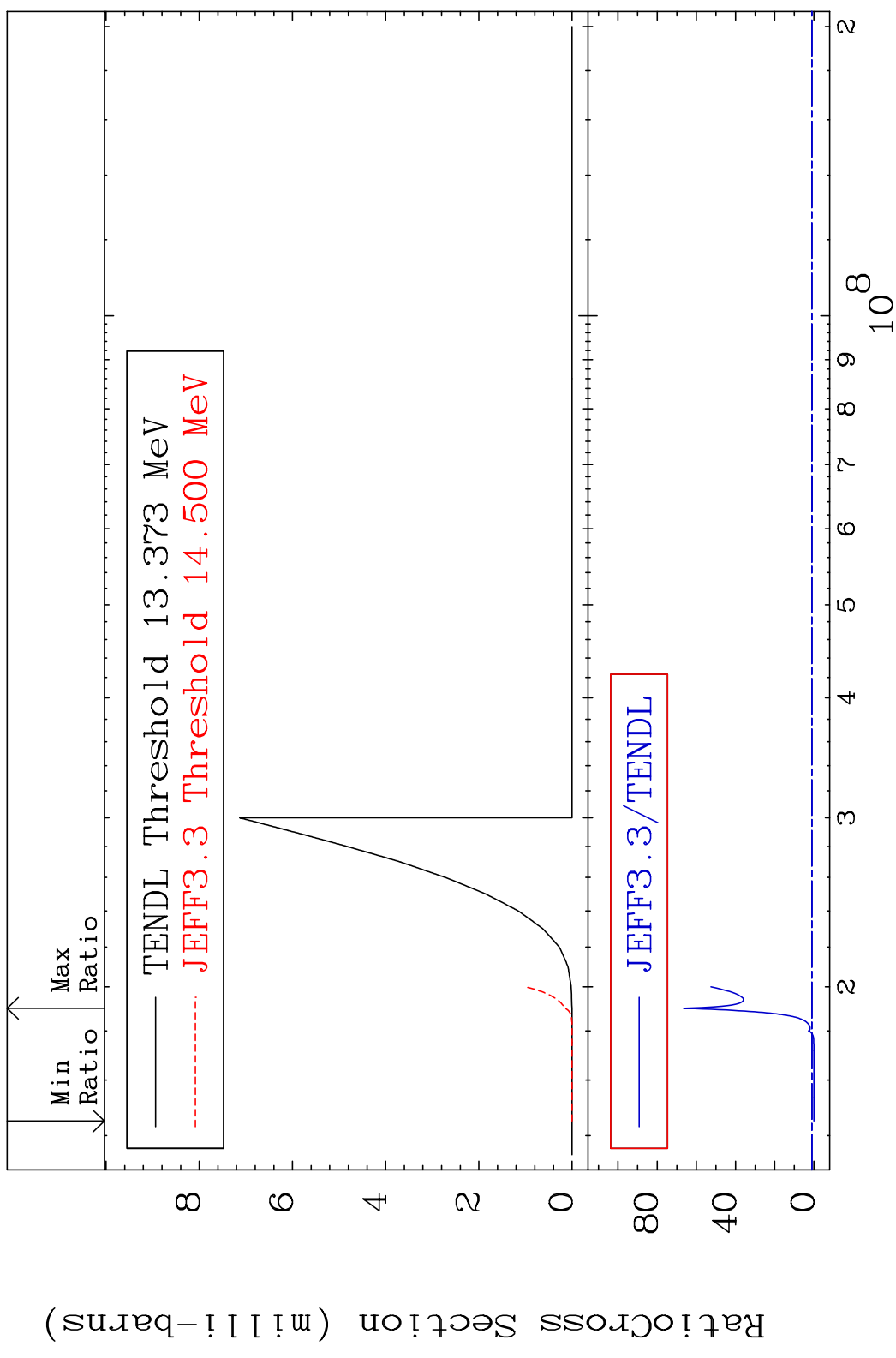
MAT 5646 (n, n') p 56-Ba-137  
 Cross Section -100.0 To 51.90 %



7 56-Ba-137

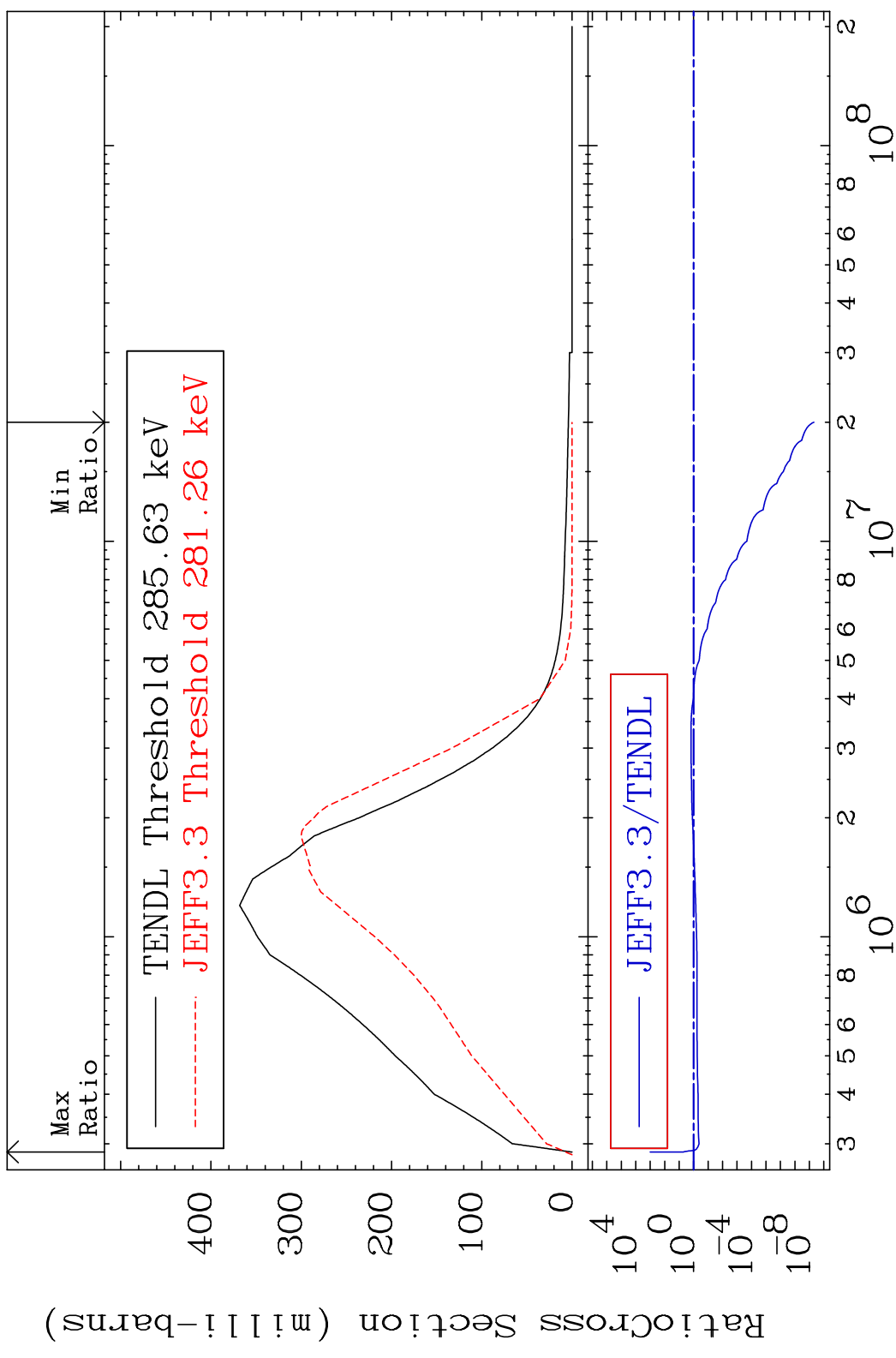


MAT 5646 (n, n') d 56-Ba-137  
 Cross Section -100.0 To 6558. %

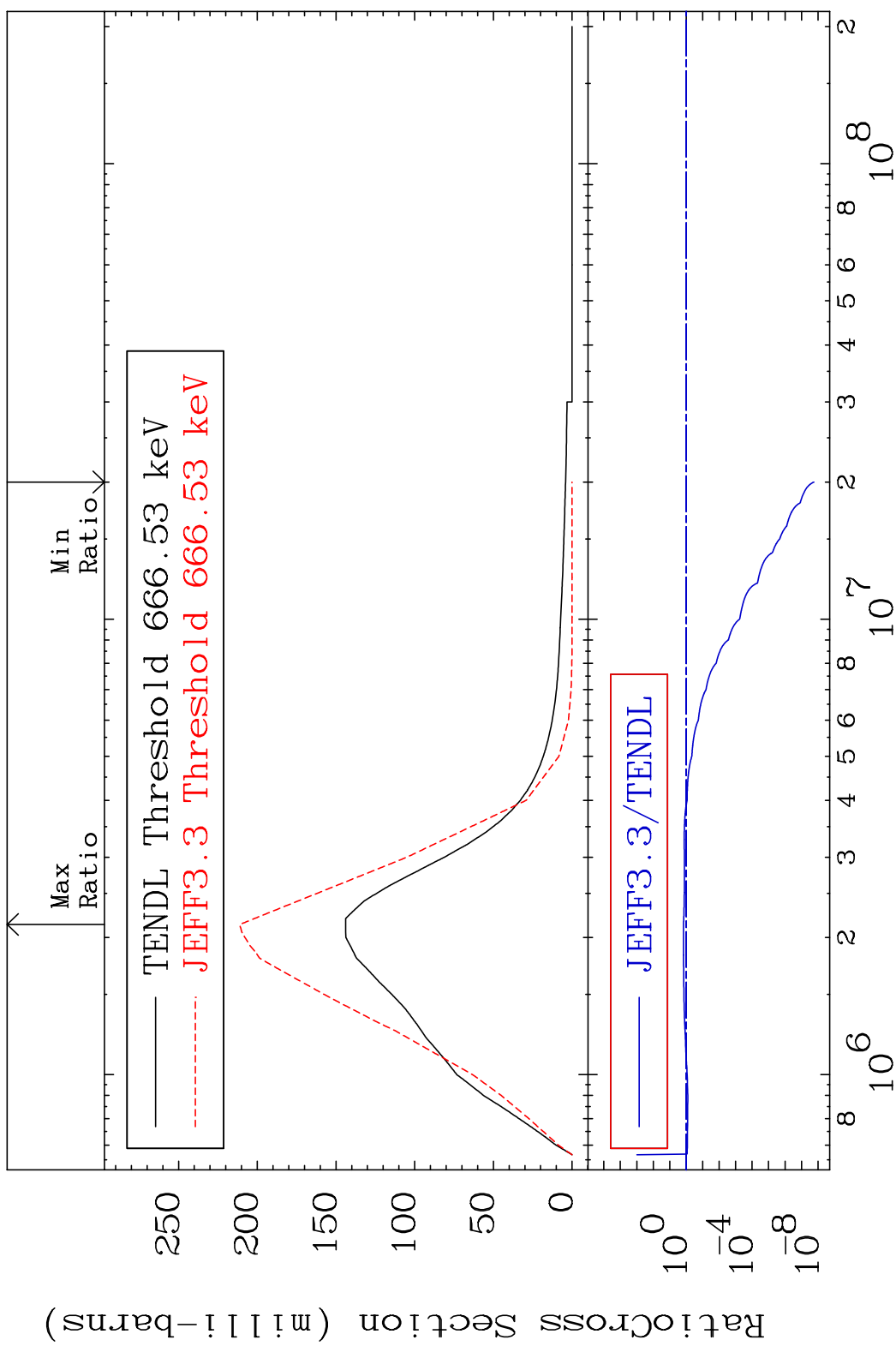


8 56-Ba-137

MAT 5646 MT= 51 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 402.8 %

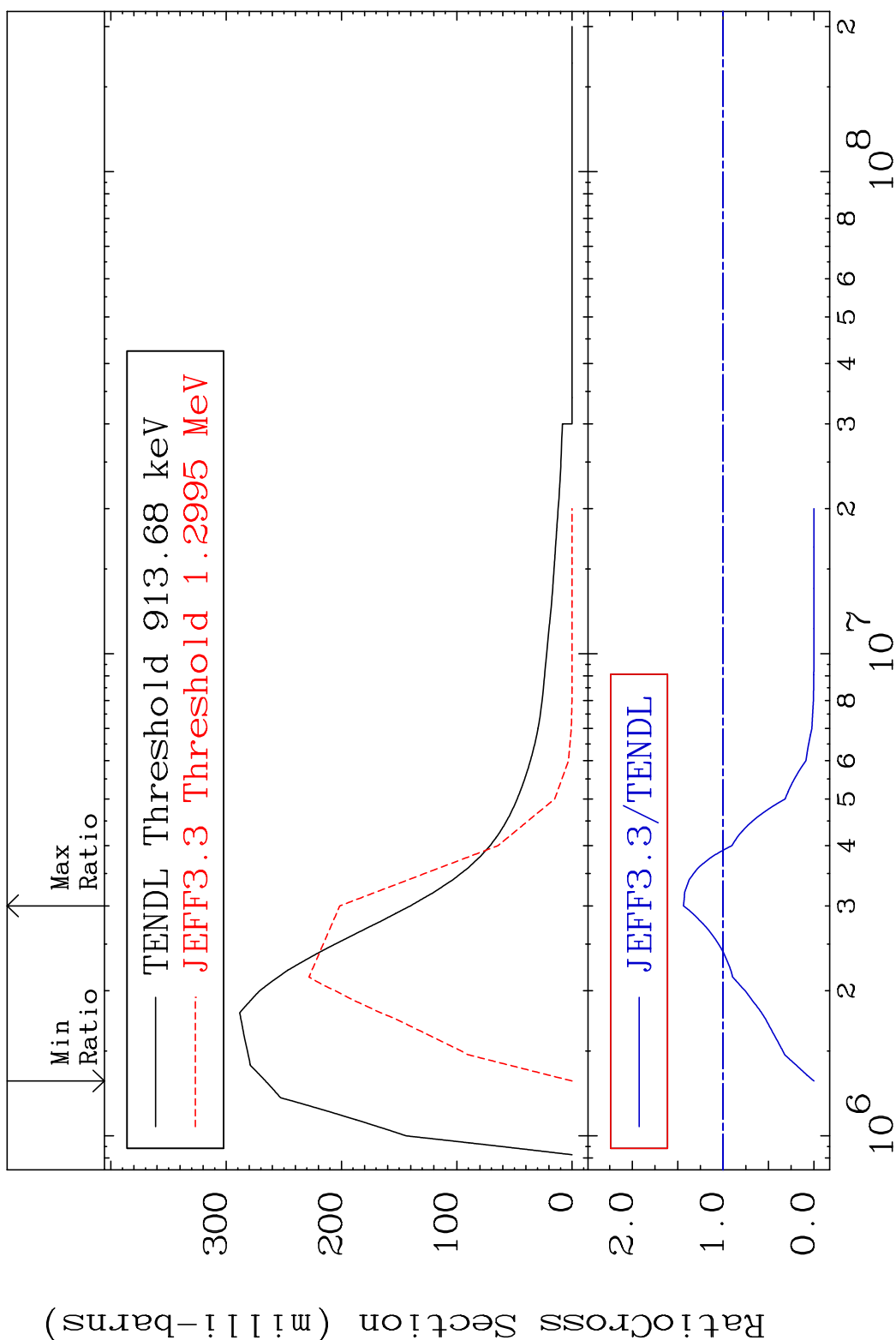


MAT 5646 MT= 52 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 46.82 %



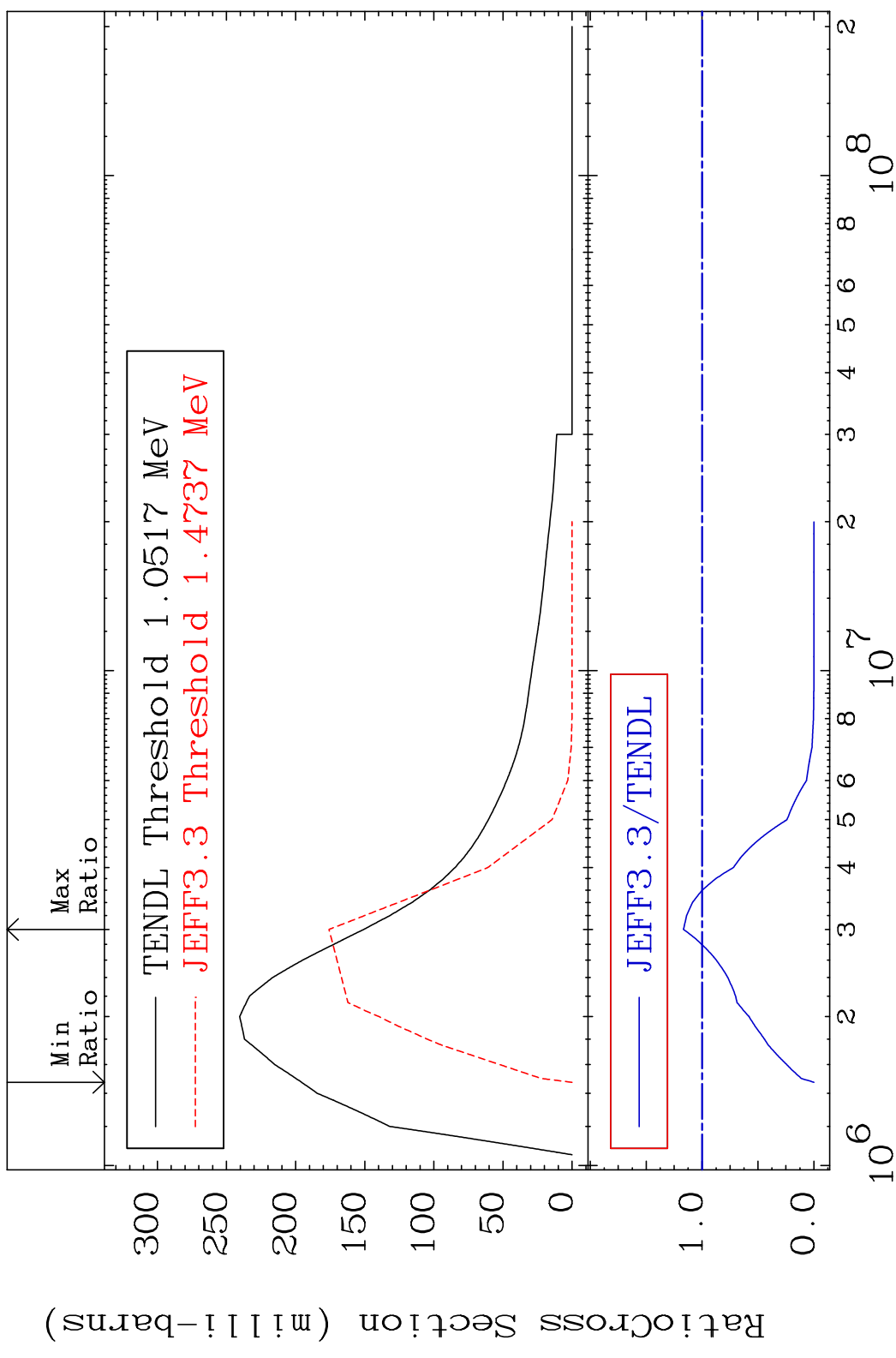
10 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 53 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 43.68 %



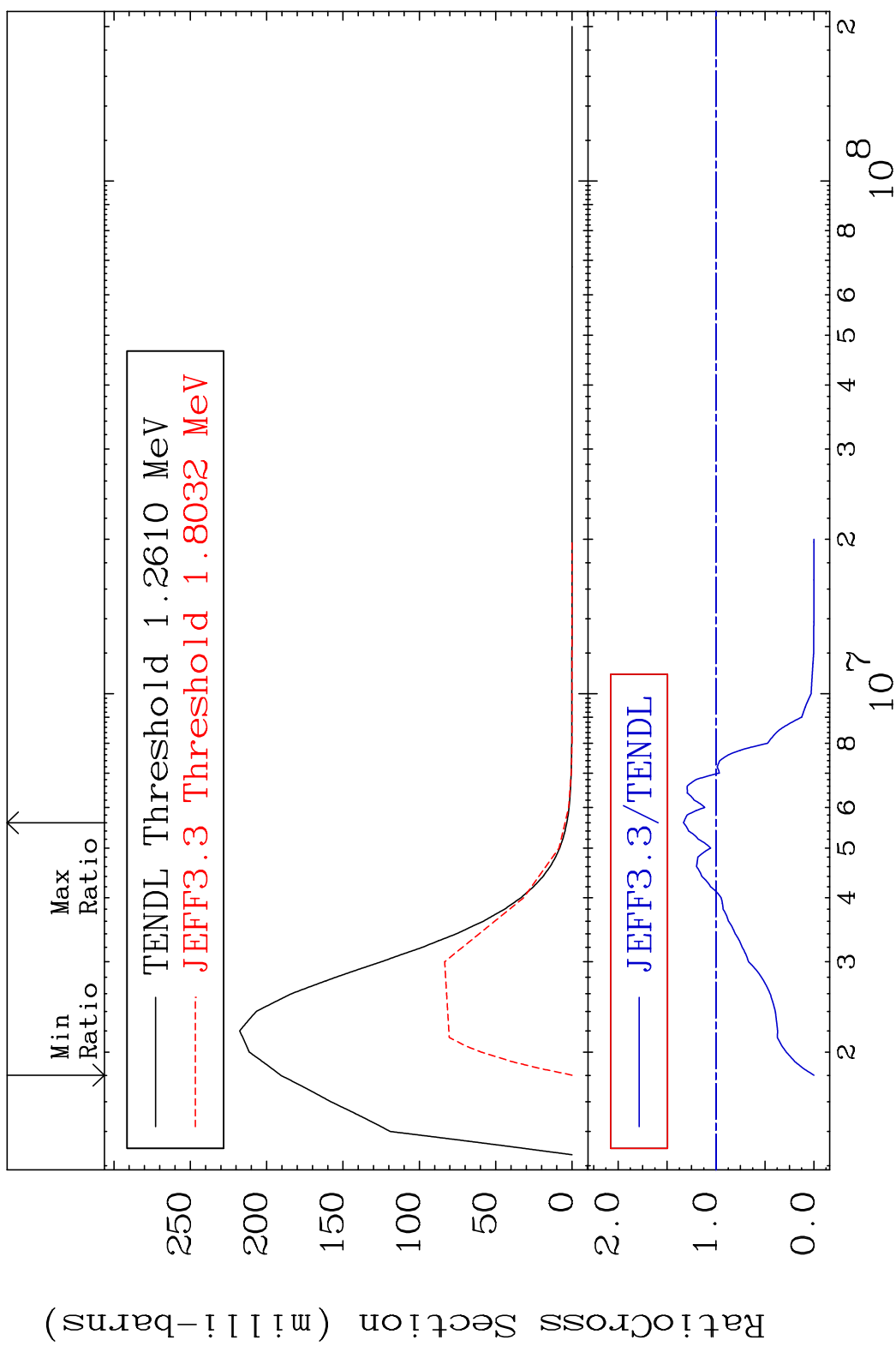
11 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 54 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 16.68 %



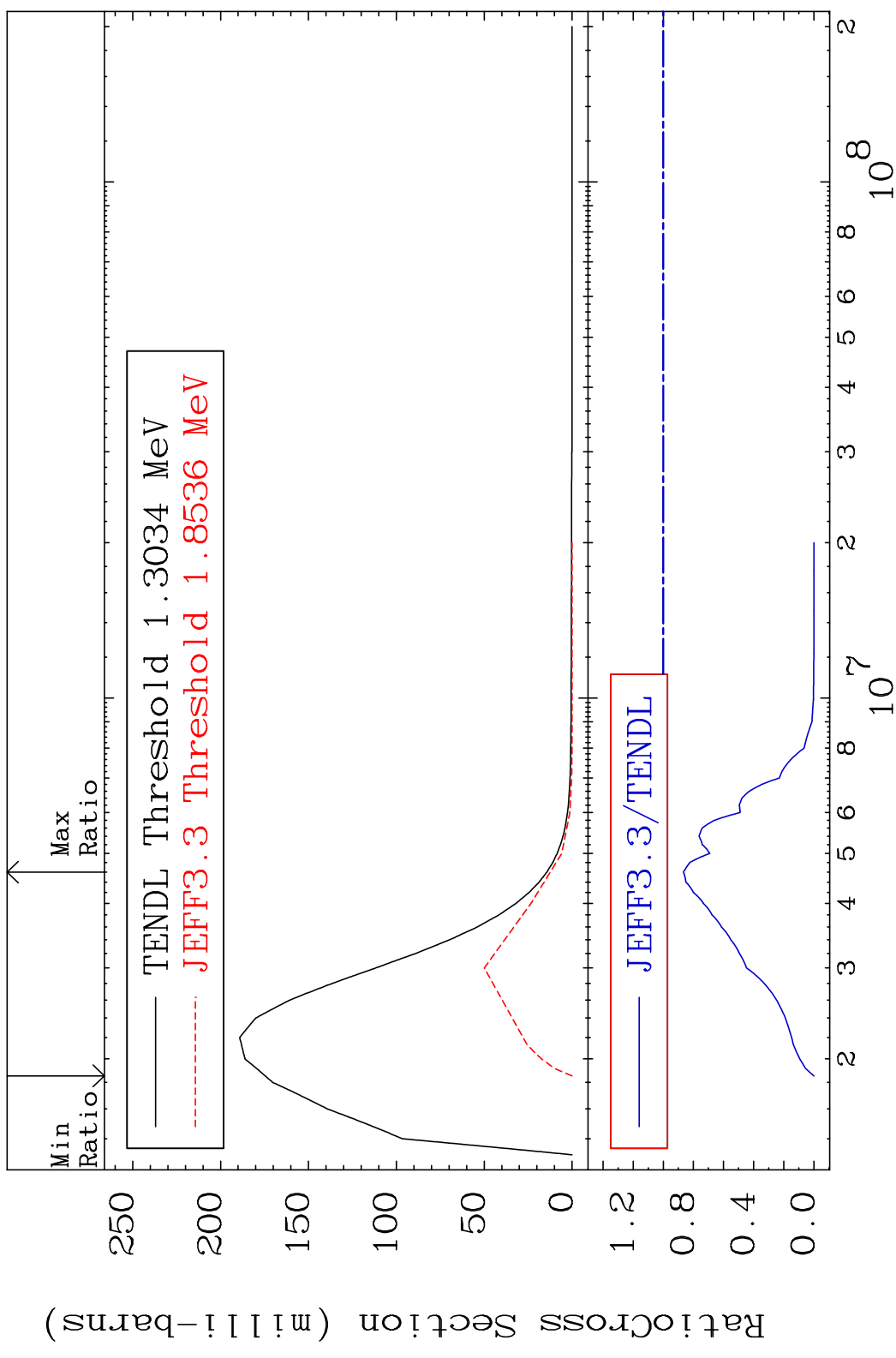
12 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 55 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 33.25 %



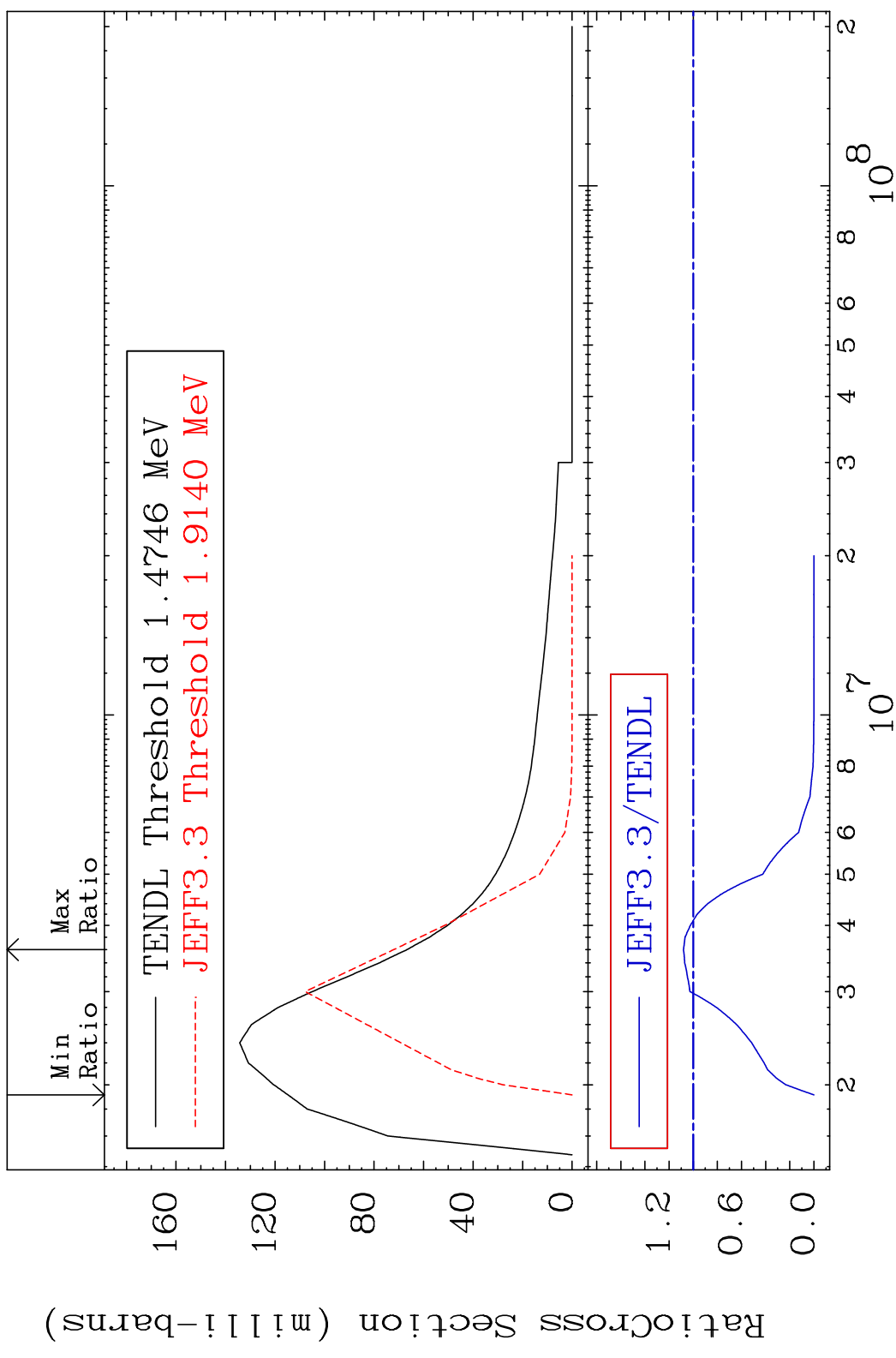
13 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 56 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To -13.40%



14 Incident Energy (eV) 56-Ba-137

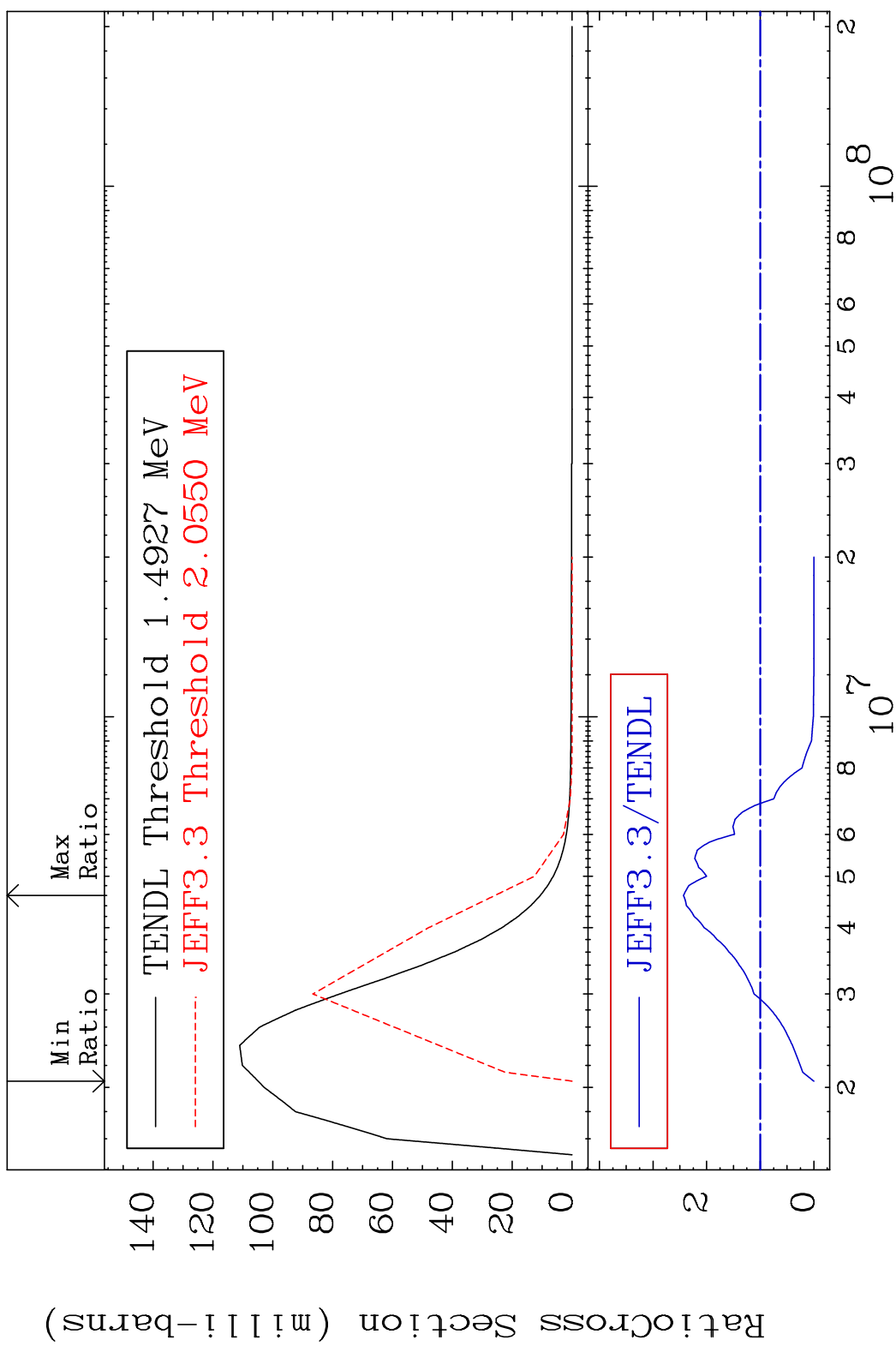
MAT 5646 MT= 57 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 8.095 %



15 56-Ba-137

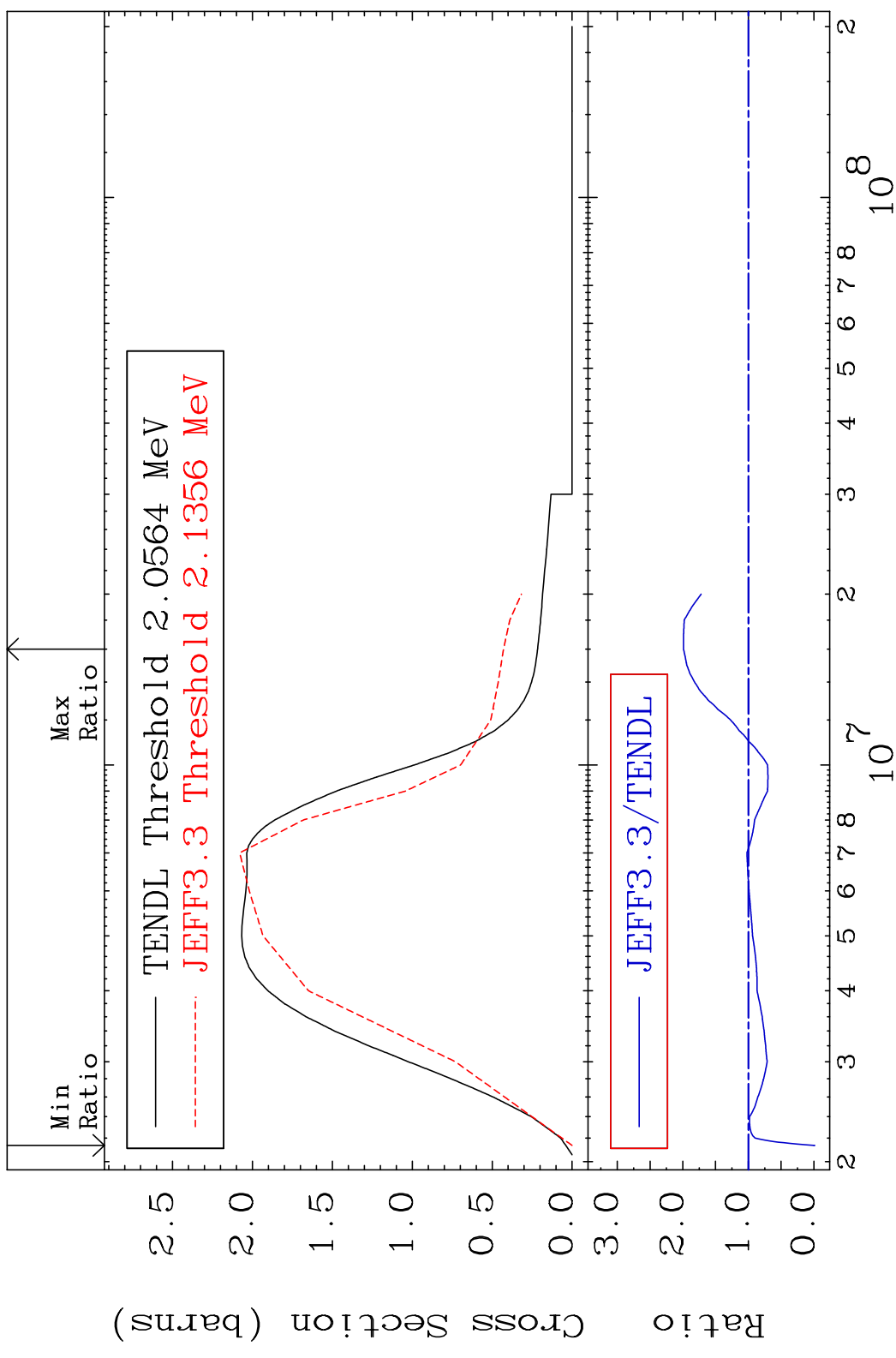


MAT 5646 MT= 58 (n, n') Level 56-Ba-137  
 Cross Section -100.0 To 143.2 %



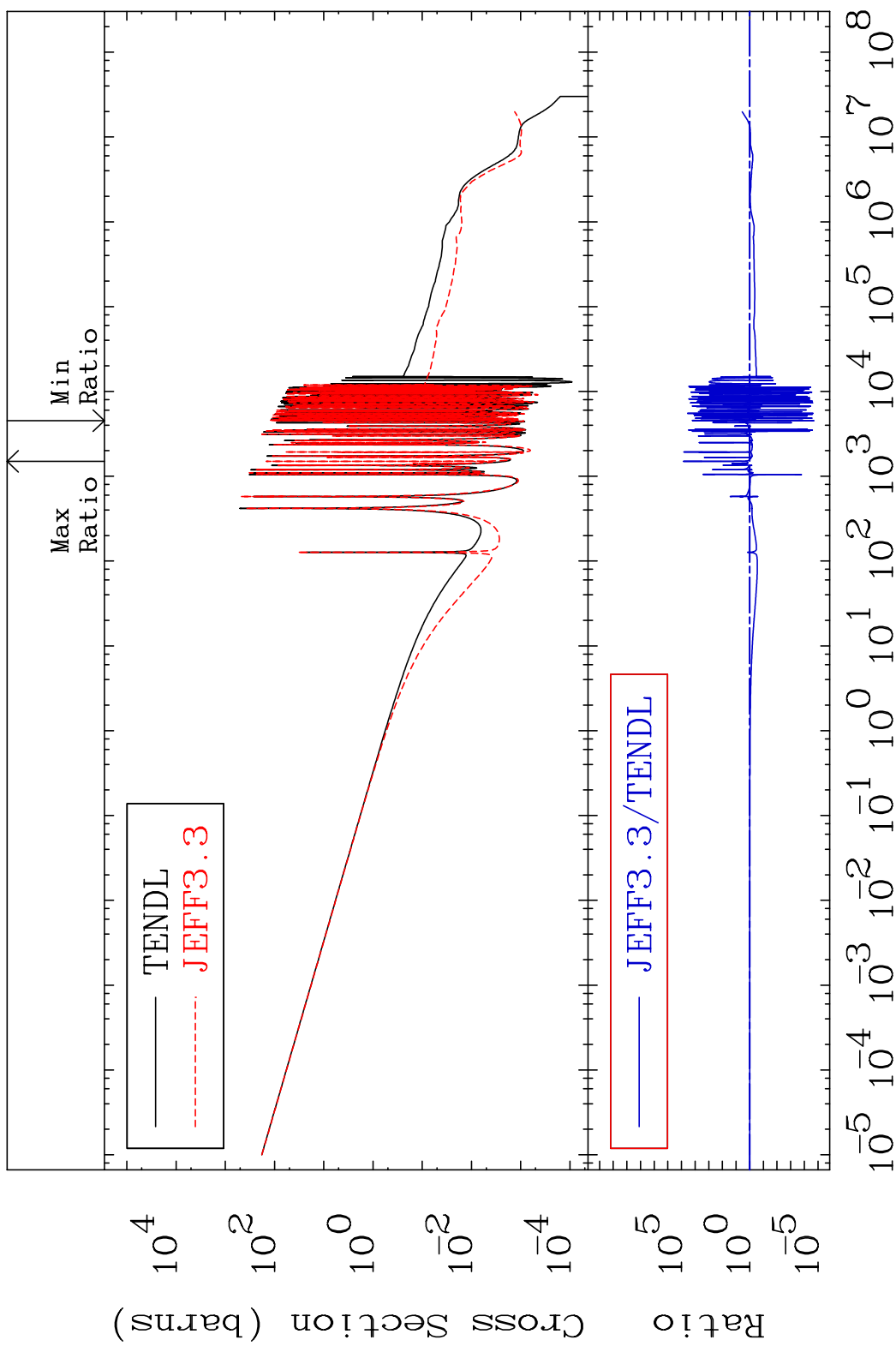
16 Incident Energy (eV) 56-Ba-137

MAT 5646 (n, n') Continuum 56-Ba-137  
 Cross Section -100.0 To 99.01 %

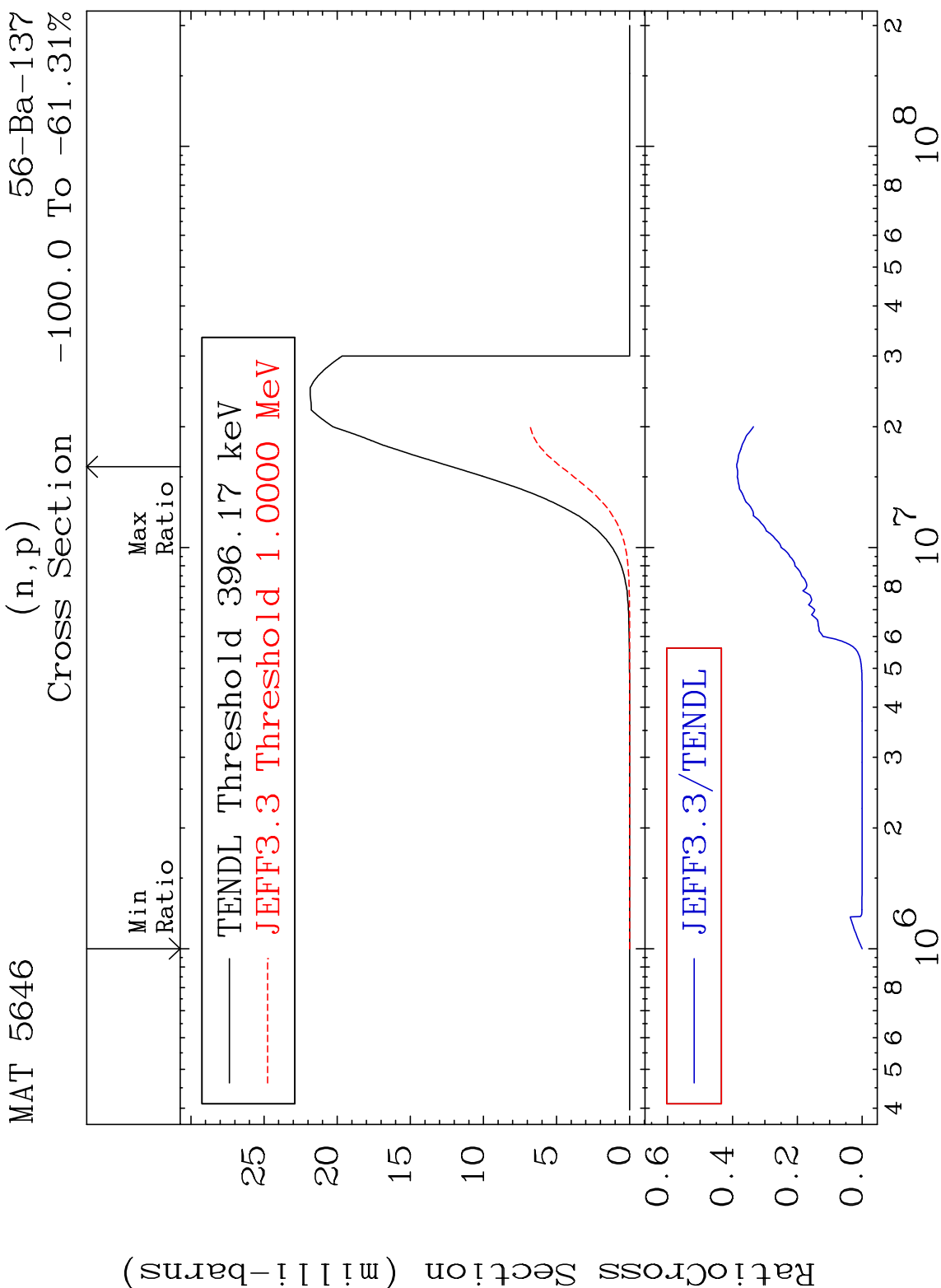


17 Incident Energy (eV) 56-Ba-137

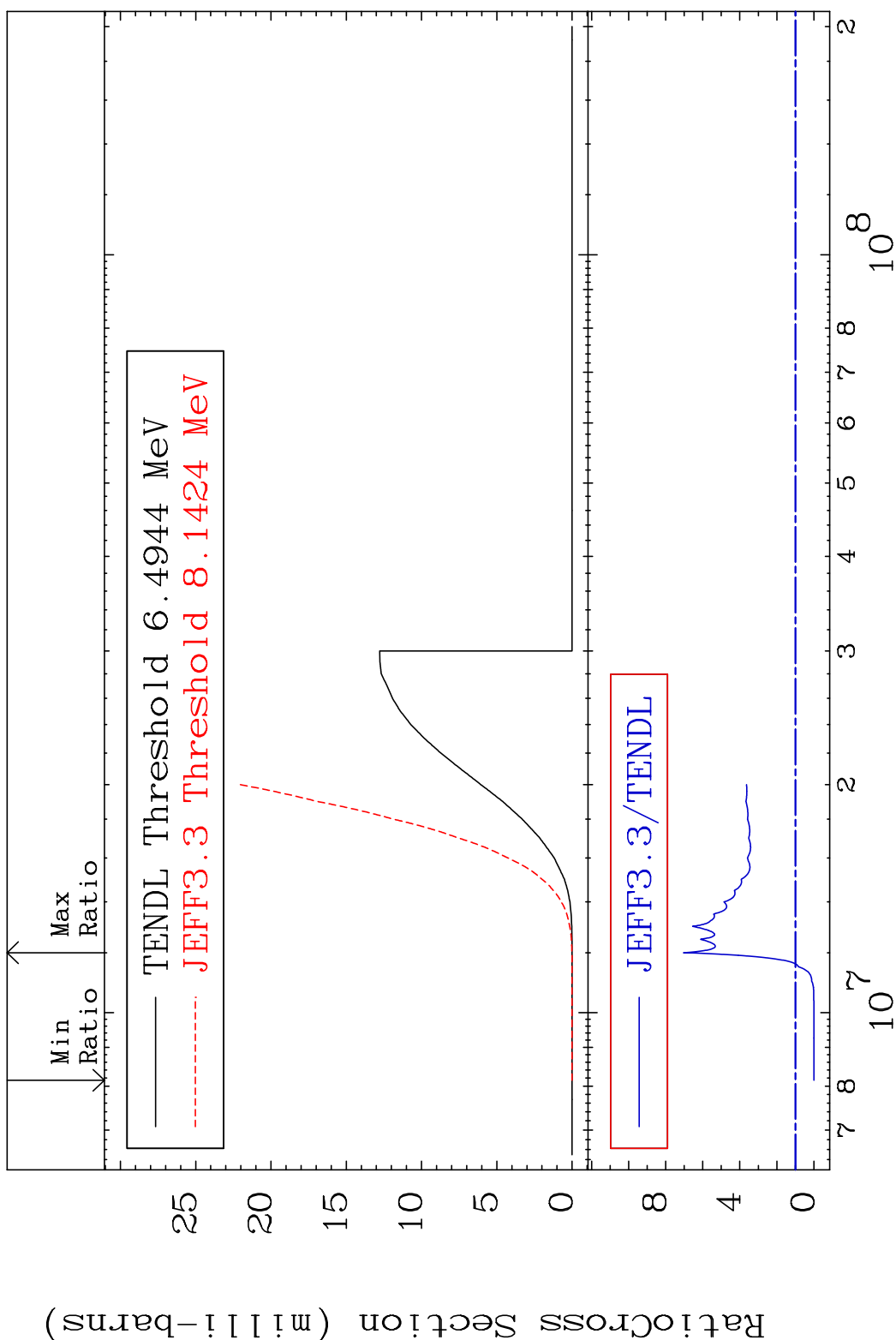
MAT 5646  $(n, \gamma)$  56-Ba-137  
 Cross Section -100.0 To 9999. %



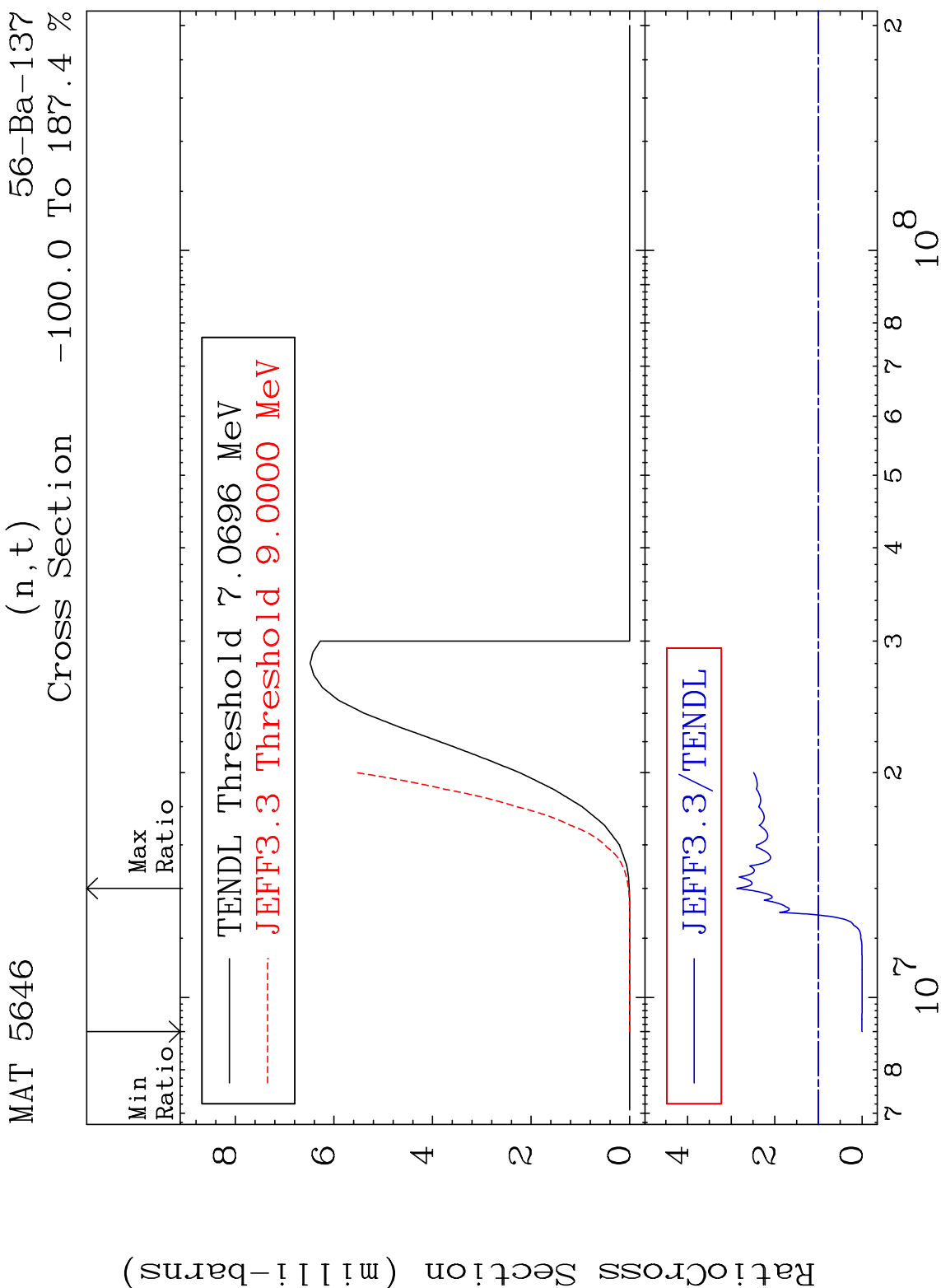
18 Incident Energy (eV) 56-Ba-137



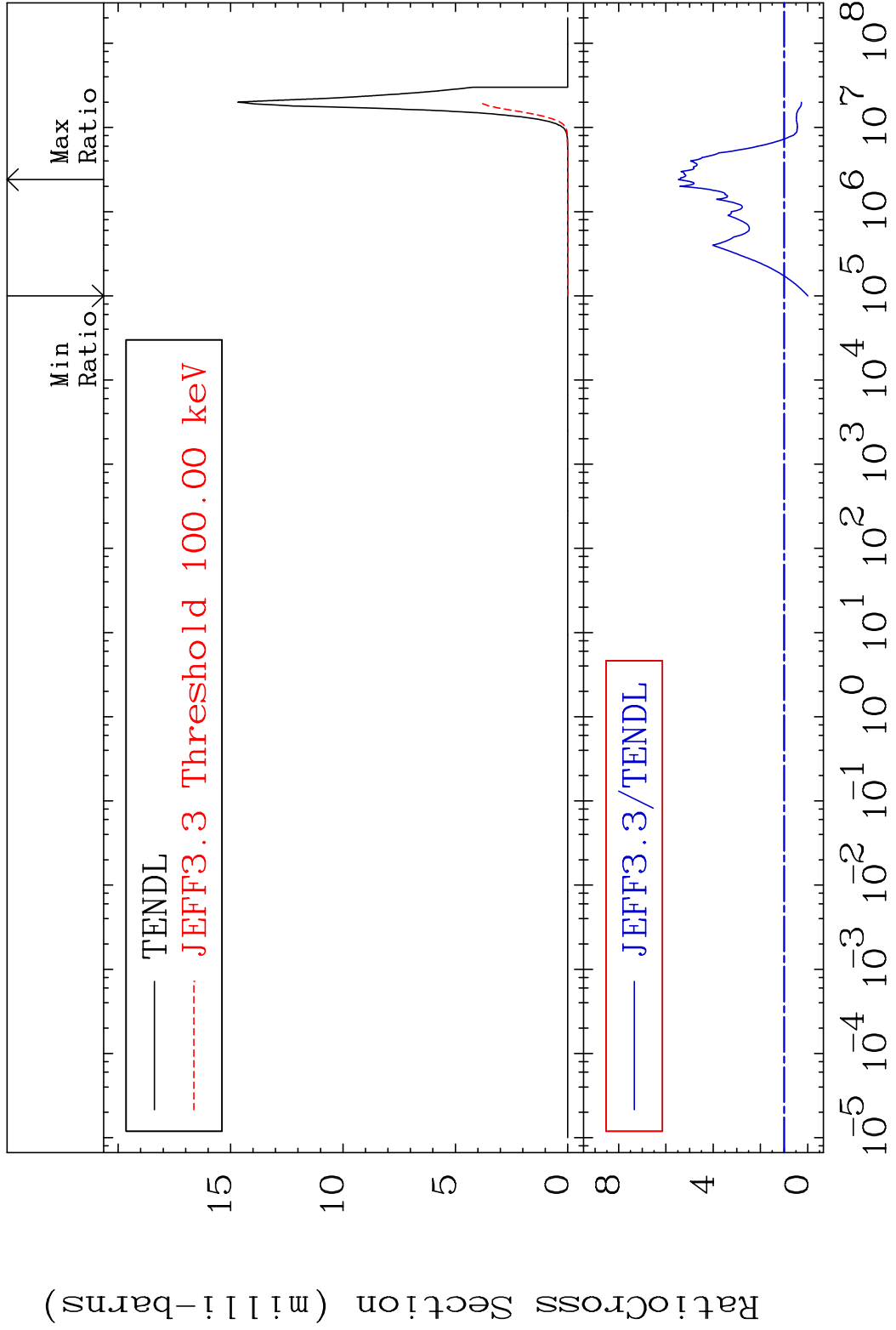
MAT 5646 (n, d) 56-Ba-137  
 Cross Section -100.0 To 604.1 %



20 56-Ba-137

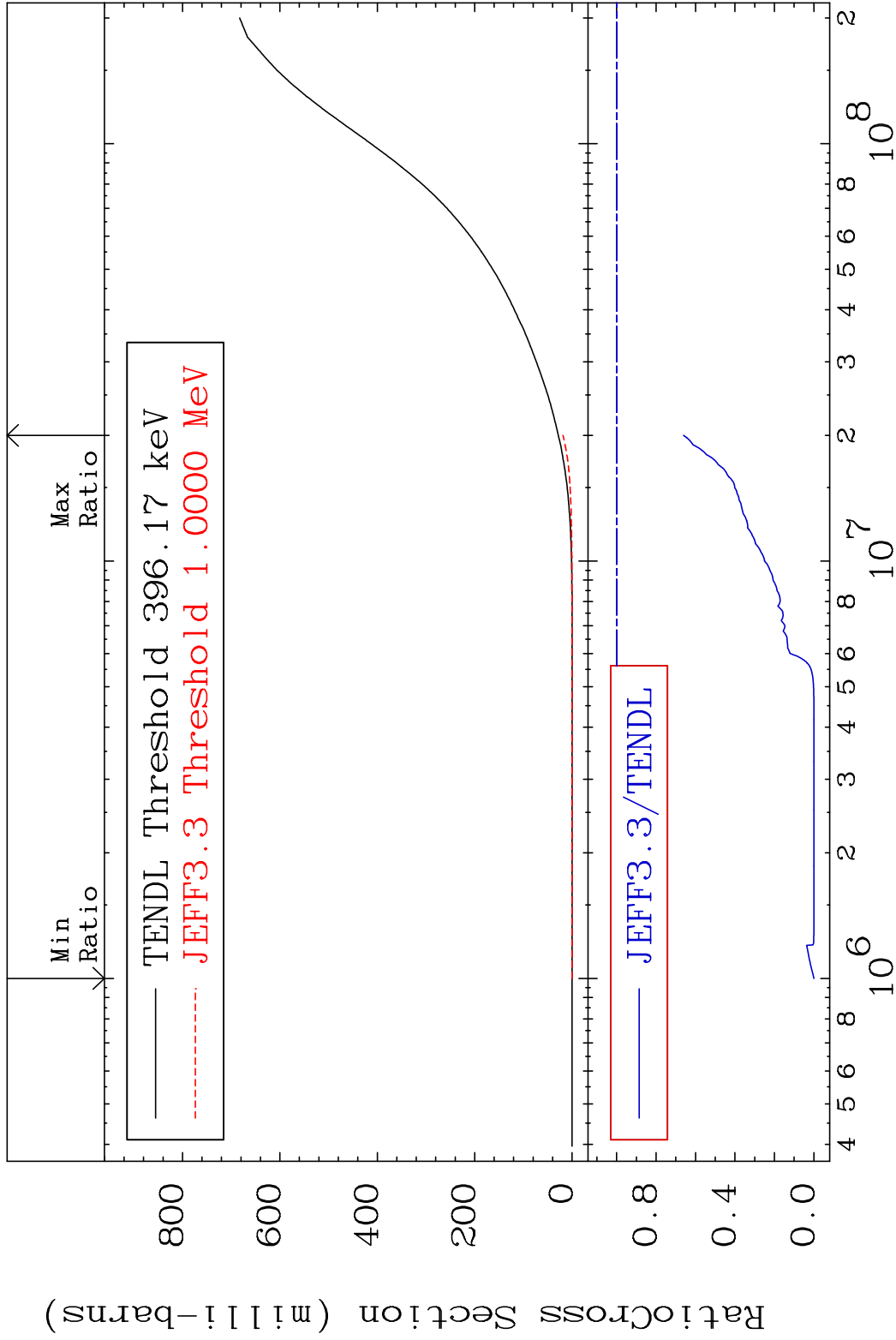


MAT 5646 (n,  $\alpha$ ) 56-Ba-137  
 Cross Section -100.0 To 447.8 %



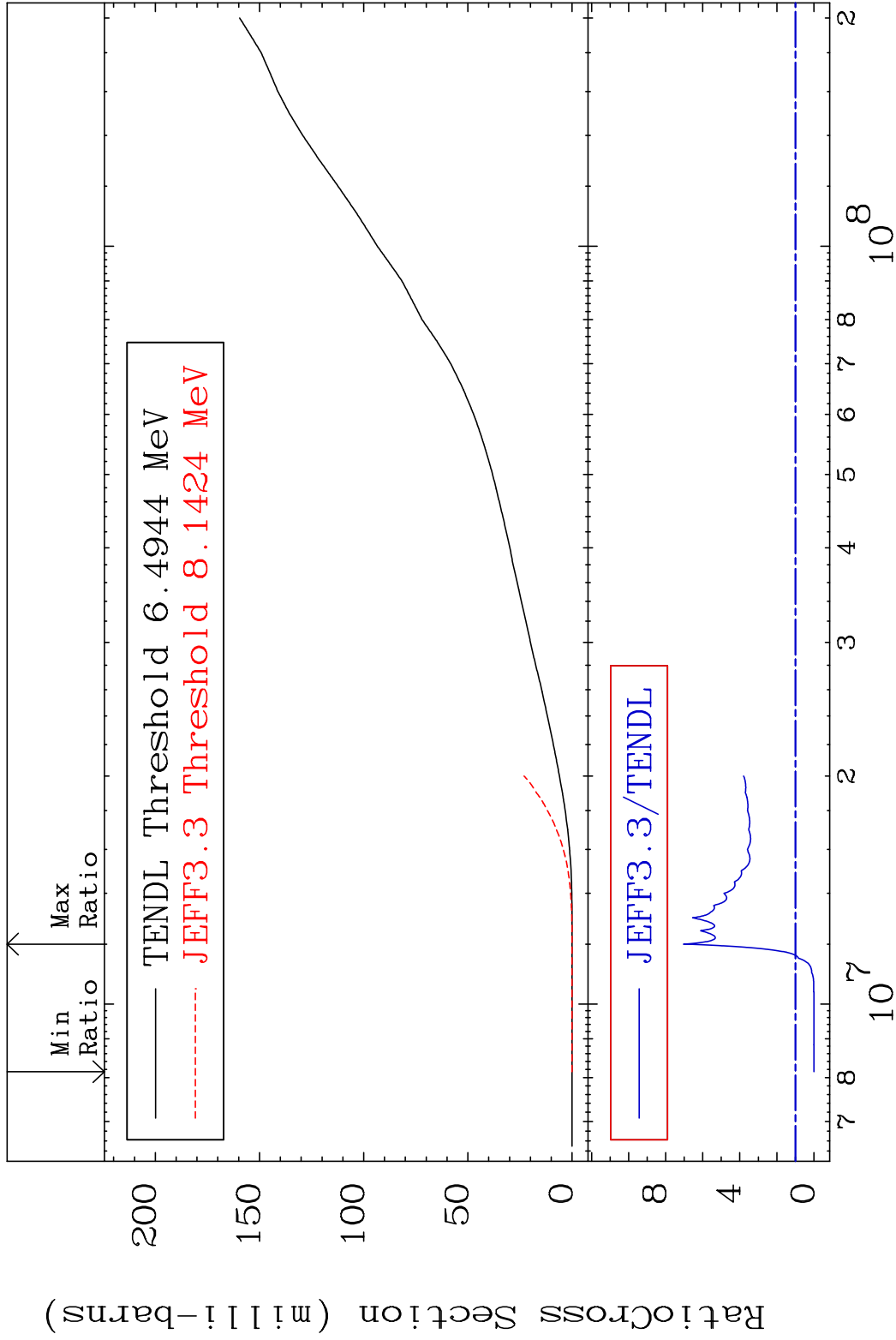
22 Incident Energy (eV) 56-Ba-137

MAT 5646 Hydrogen Production 56-Ba-137  
 Cross Section -100.0 To -33.89%



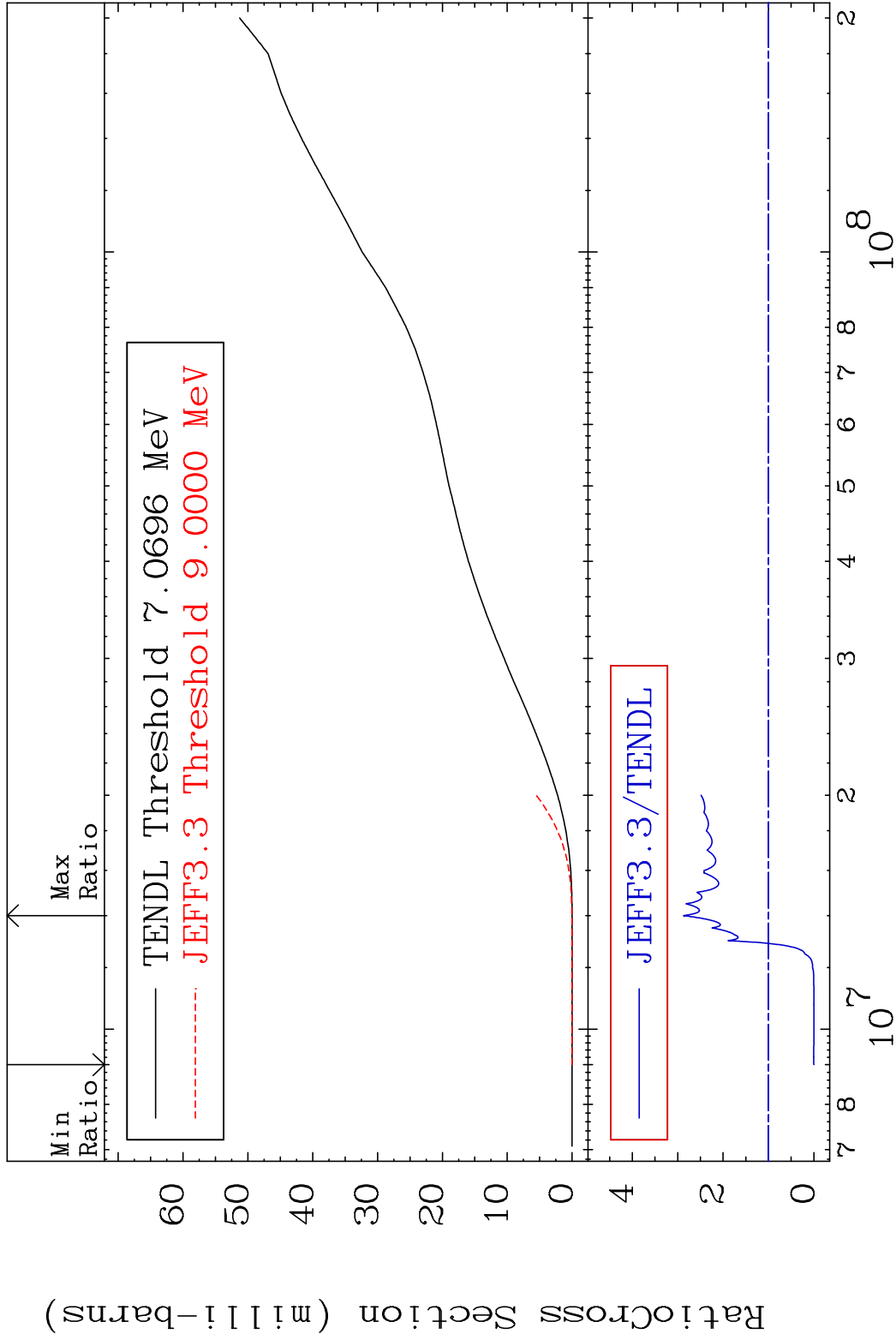


MAT 5646 Deuterium Production 56-Ba-137  
 Cross Section -100.0 To 604.1 %



24 Incident Energy (eV) 56-Ba-137

MAT 5646 Tritium Production 56-Ba-137  
 Cross Section -100.0 To 187.4 %



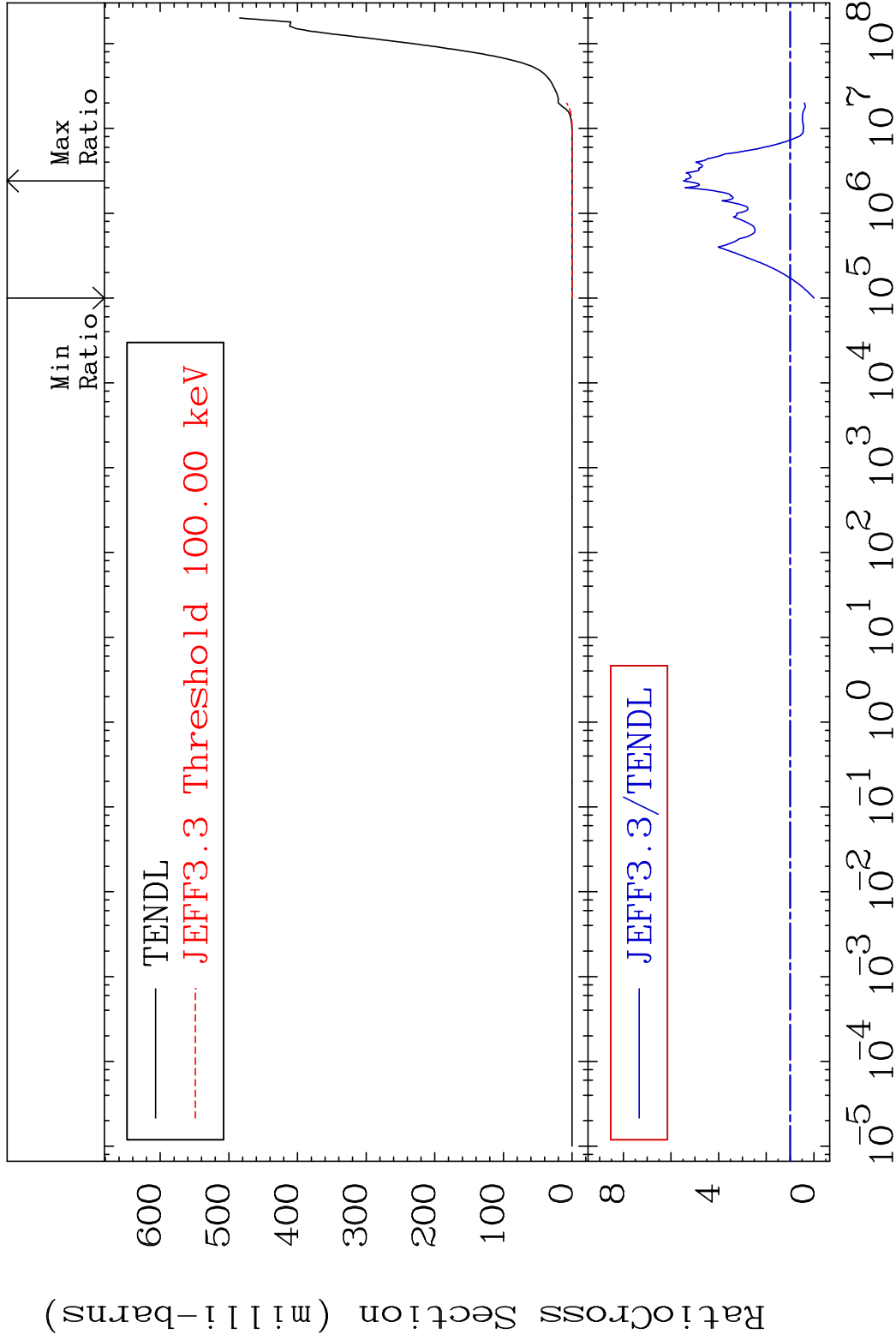
25 56-Ba-137

MAT 5646

He-4 Production

56-Ba-137

Cross Section -100.0 To 447.8 %

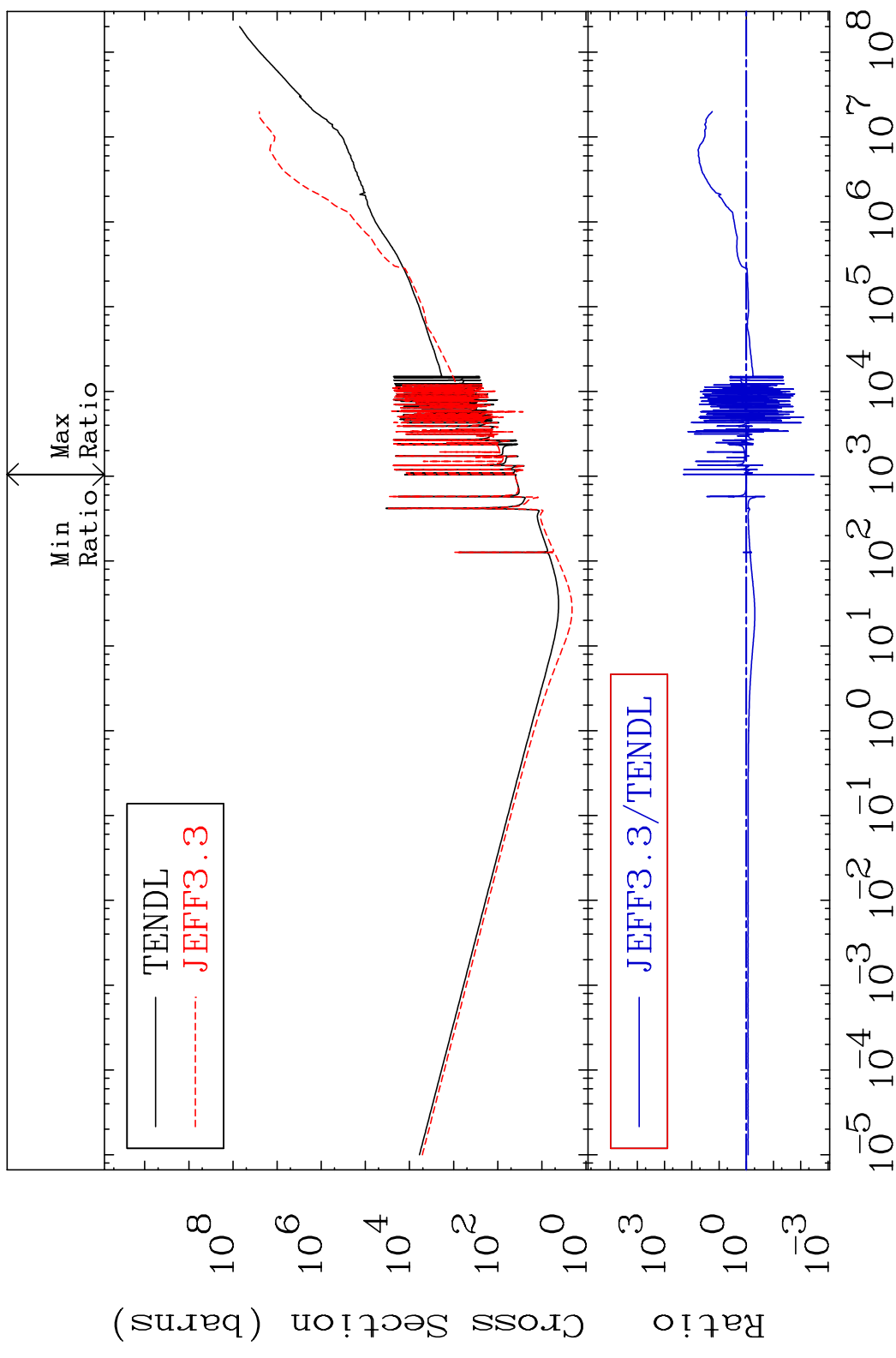


26

Incident Energy (eV)

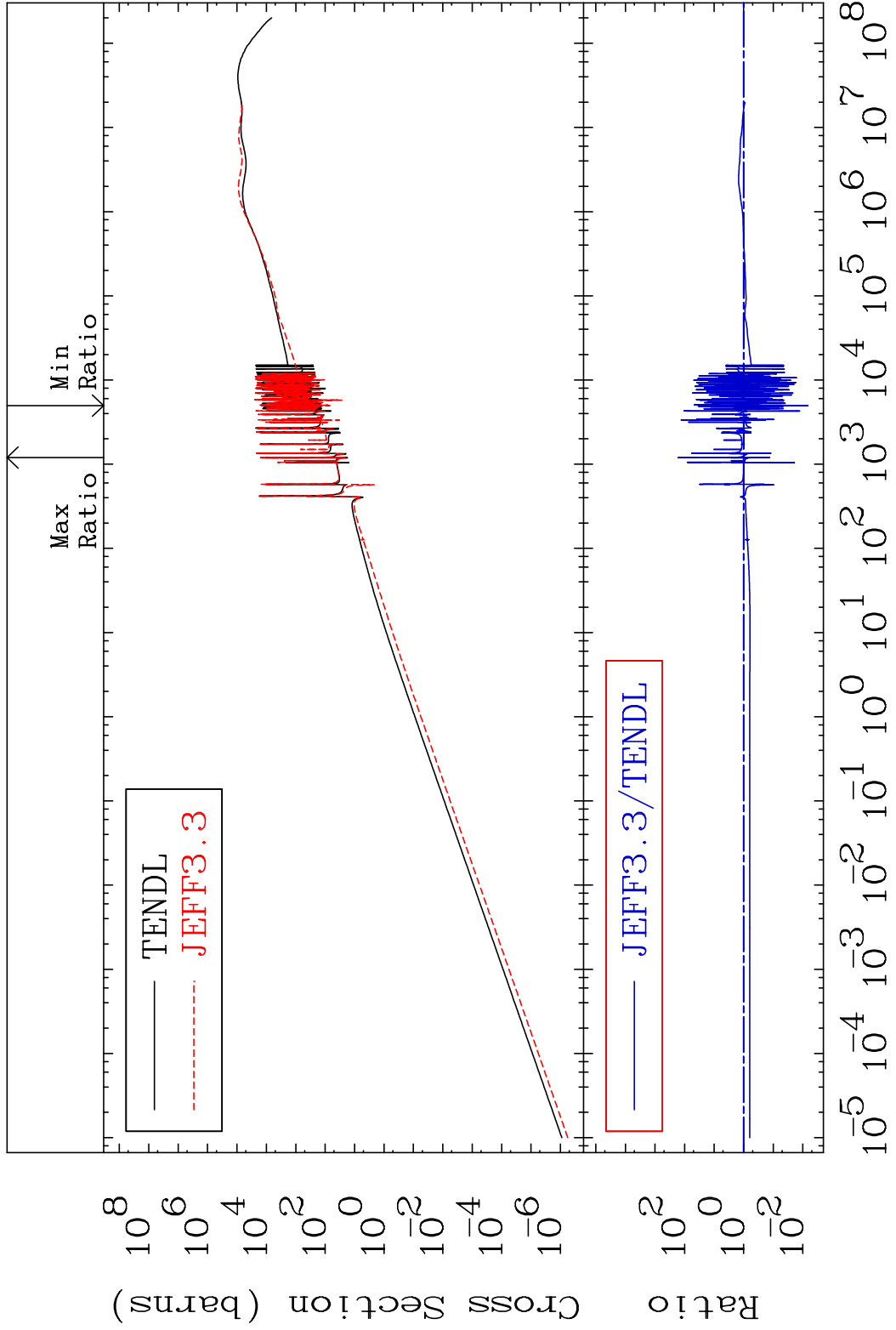
56-Ba-137

MAT 5646 Kerma total (eV-barns) 56-Ba-137  
 Cross Section -99.67 To 9999. %



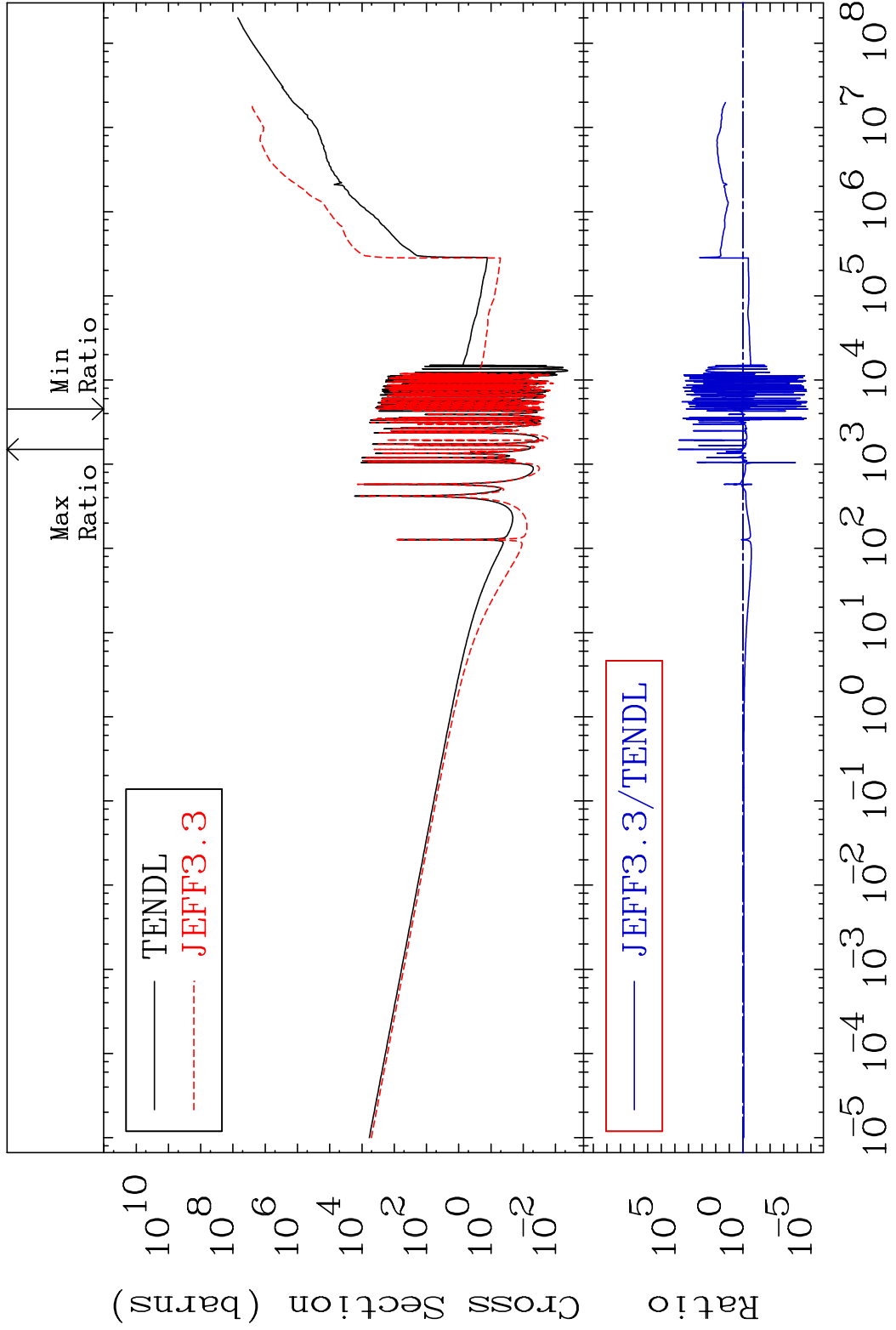
27 Incident Energy (eV) 56-Ba-137

MAT 5646      Kerma elastic Cross Section      56-Ba-137      -99.32 To 9999. %



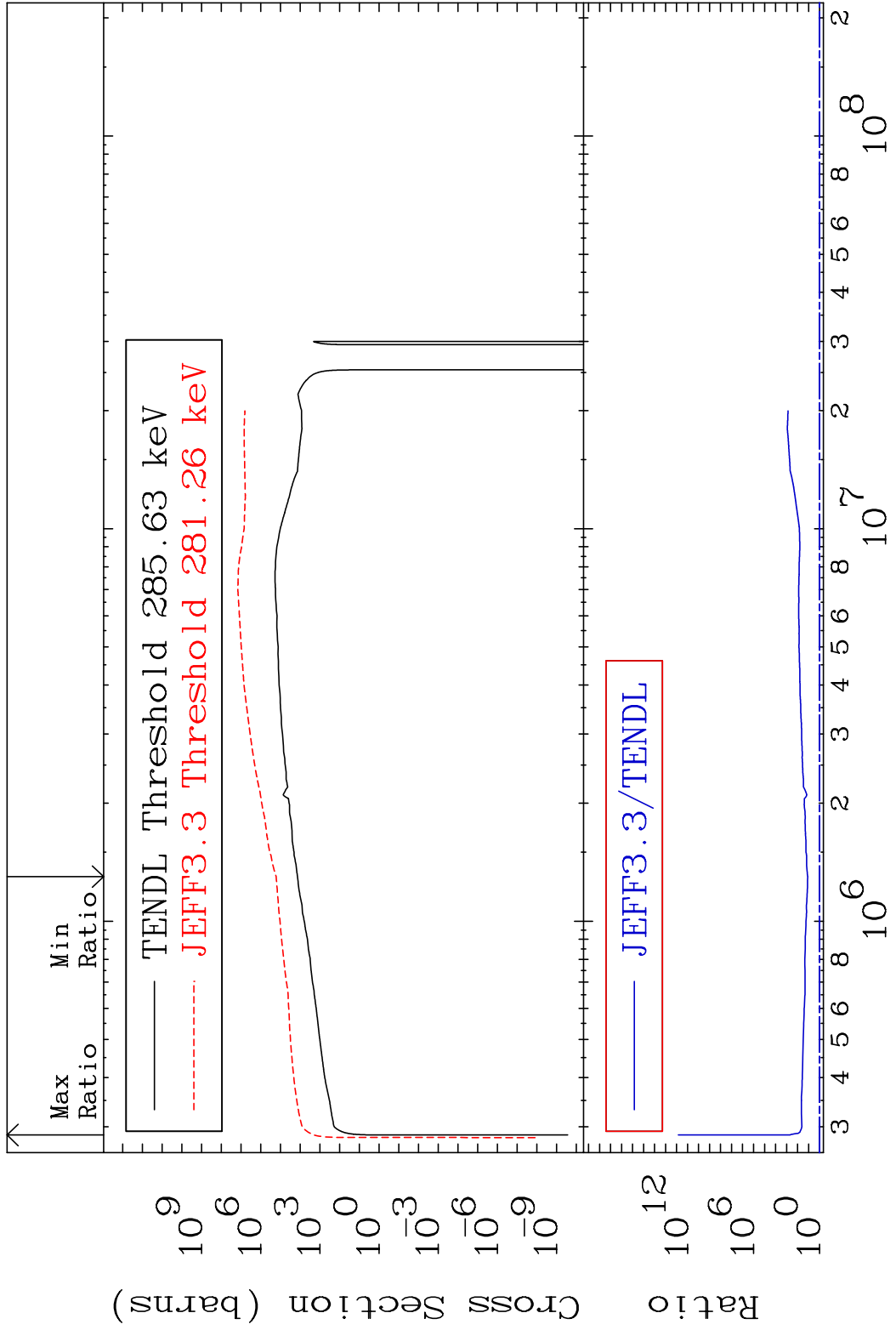
28      Incident Energy (eV)      56-Ba-137

MAT 5646 Kerma non-elastic (all but mt2) 56-Ba-137  
 Cross Section -100.0 To 9999. %



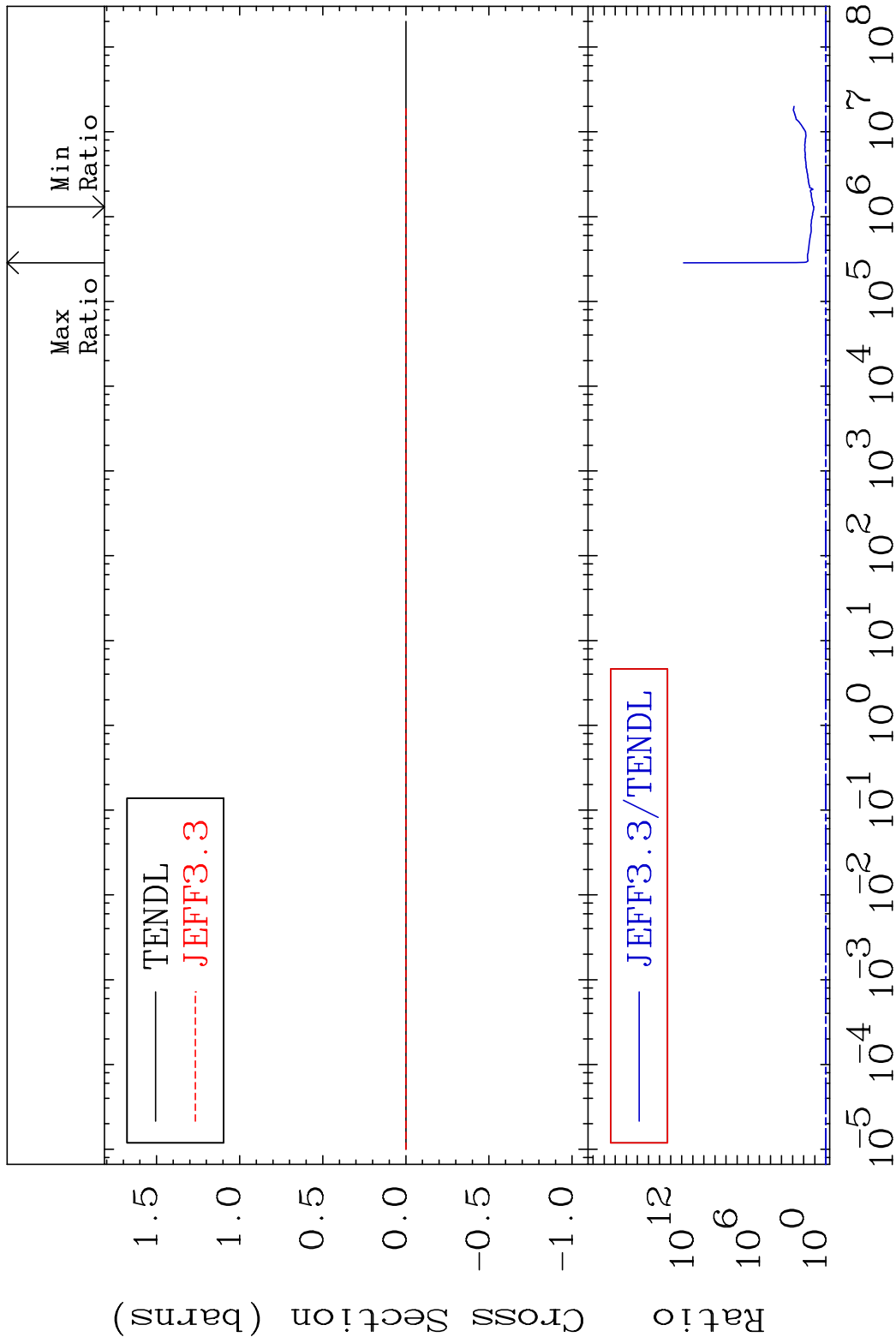
29 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma inelastic (mt51-91) 56-Ba-137  
 Cross Section 1100. To 9999. %



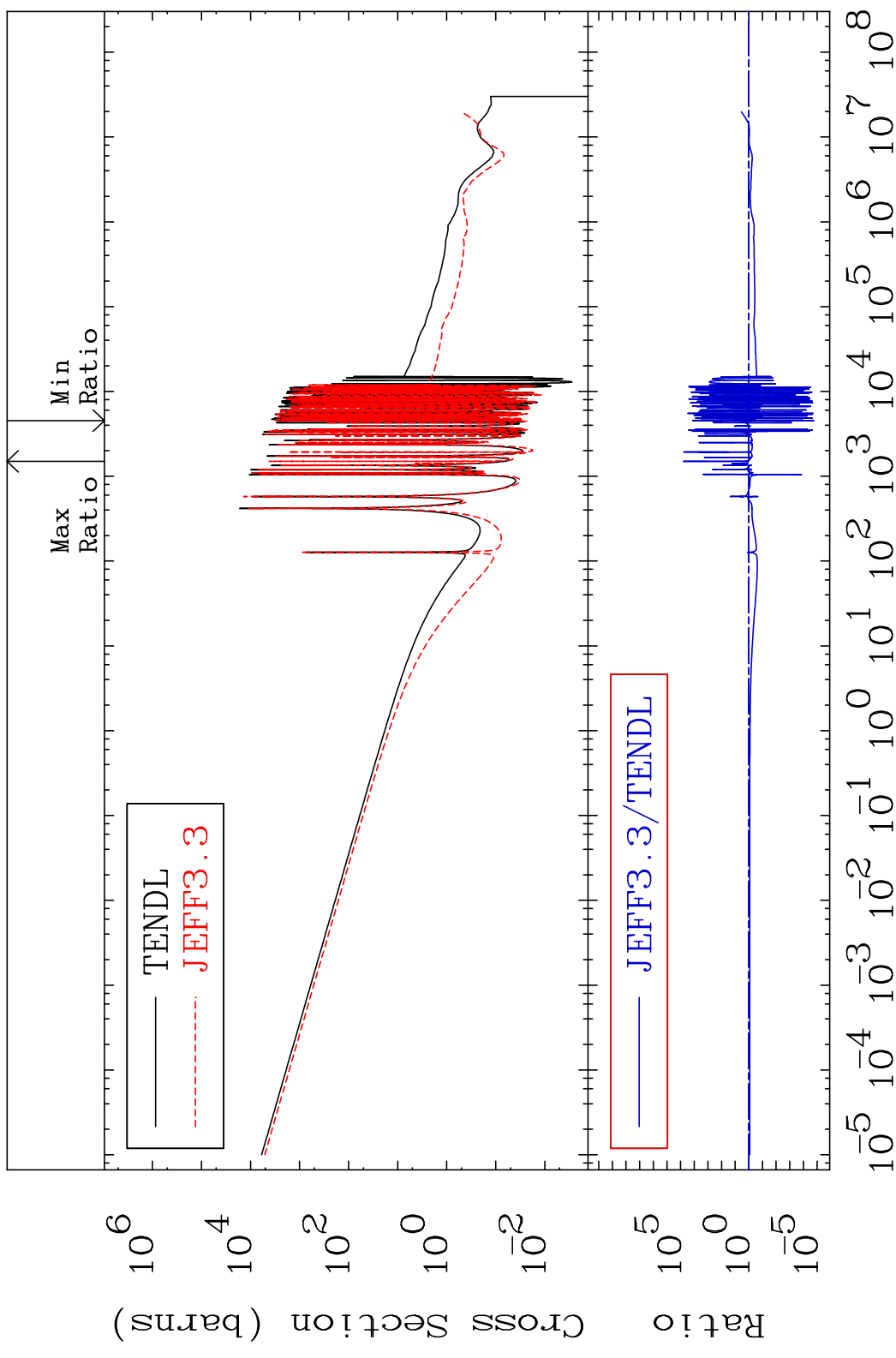
30 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-137  
 Cross Section 1100. To 9999. %



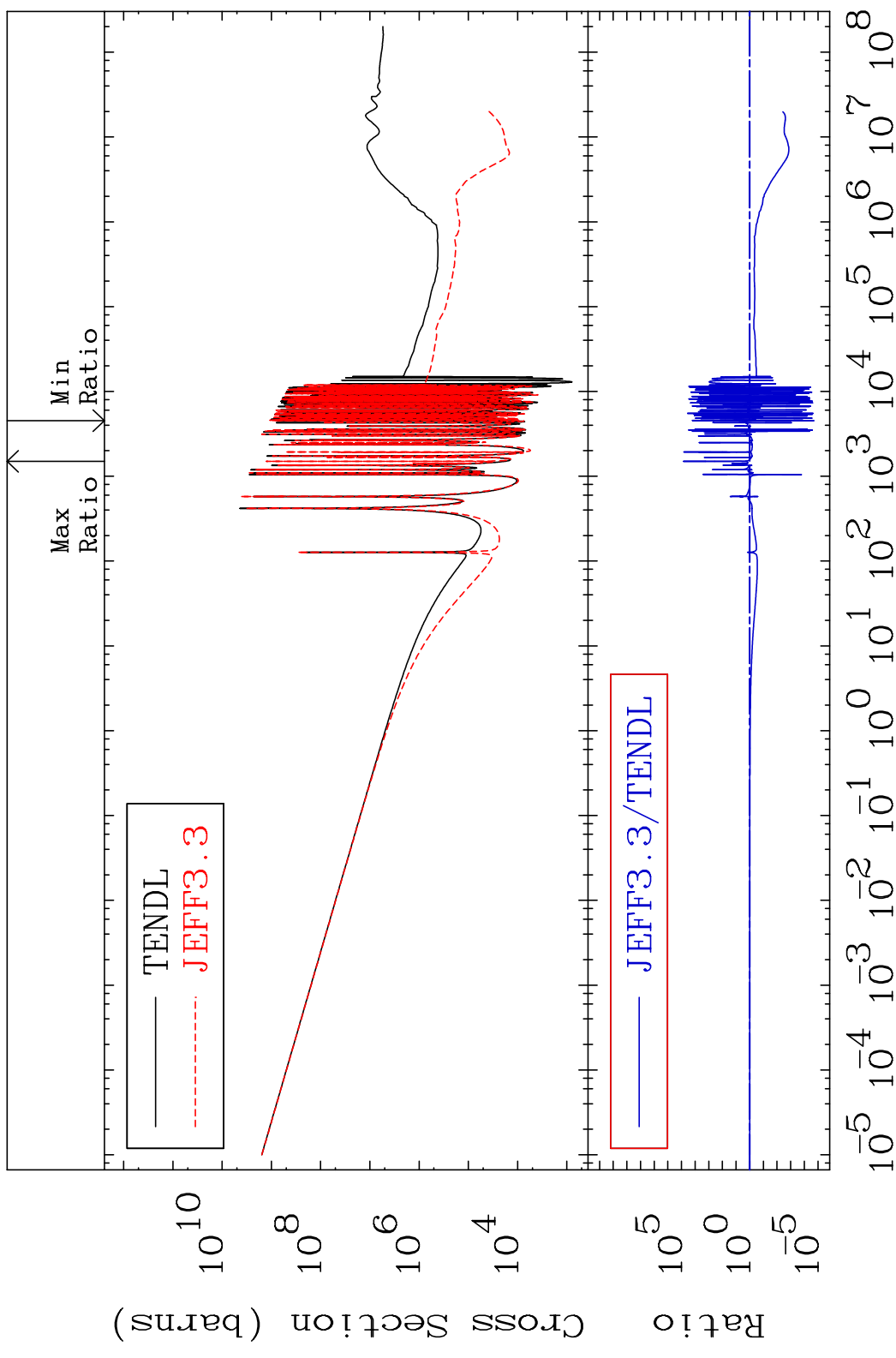


MAT 5646 Kerma capture (mt102) 56-Ba-137  
 Cross Section -100.0 To 9999. %



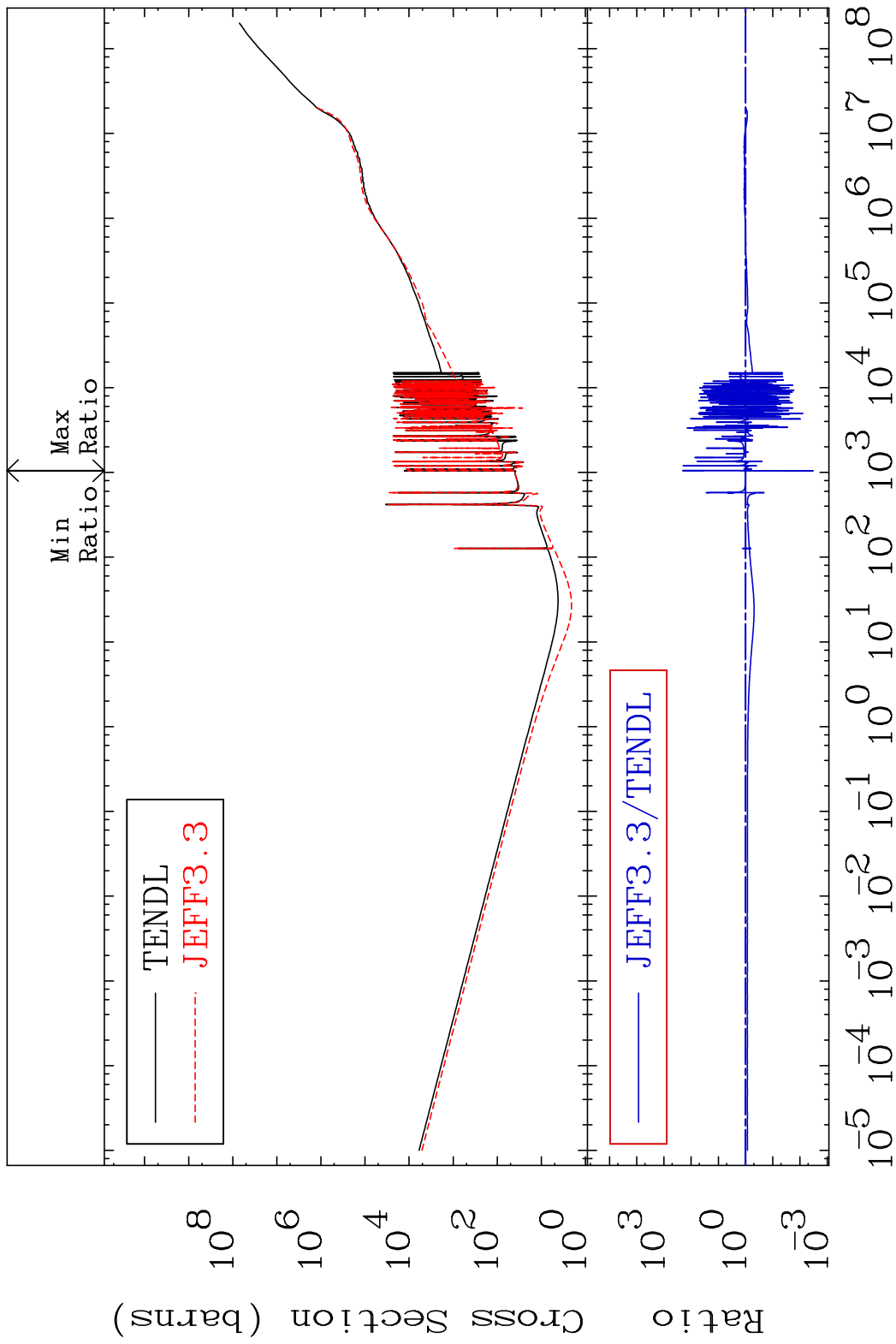
32 Incident Energy (eV) 56-Ba-137

MAT 5646 Total photon (eV-barns) 56-Ba-137  
 Cross Section -100.0 To 9999. %



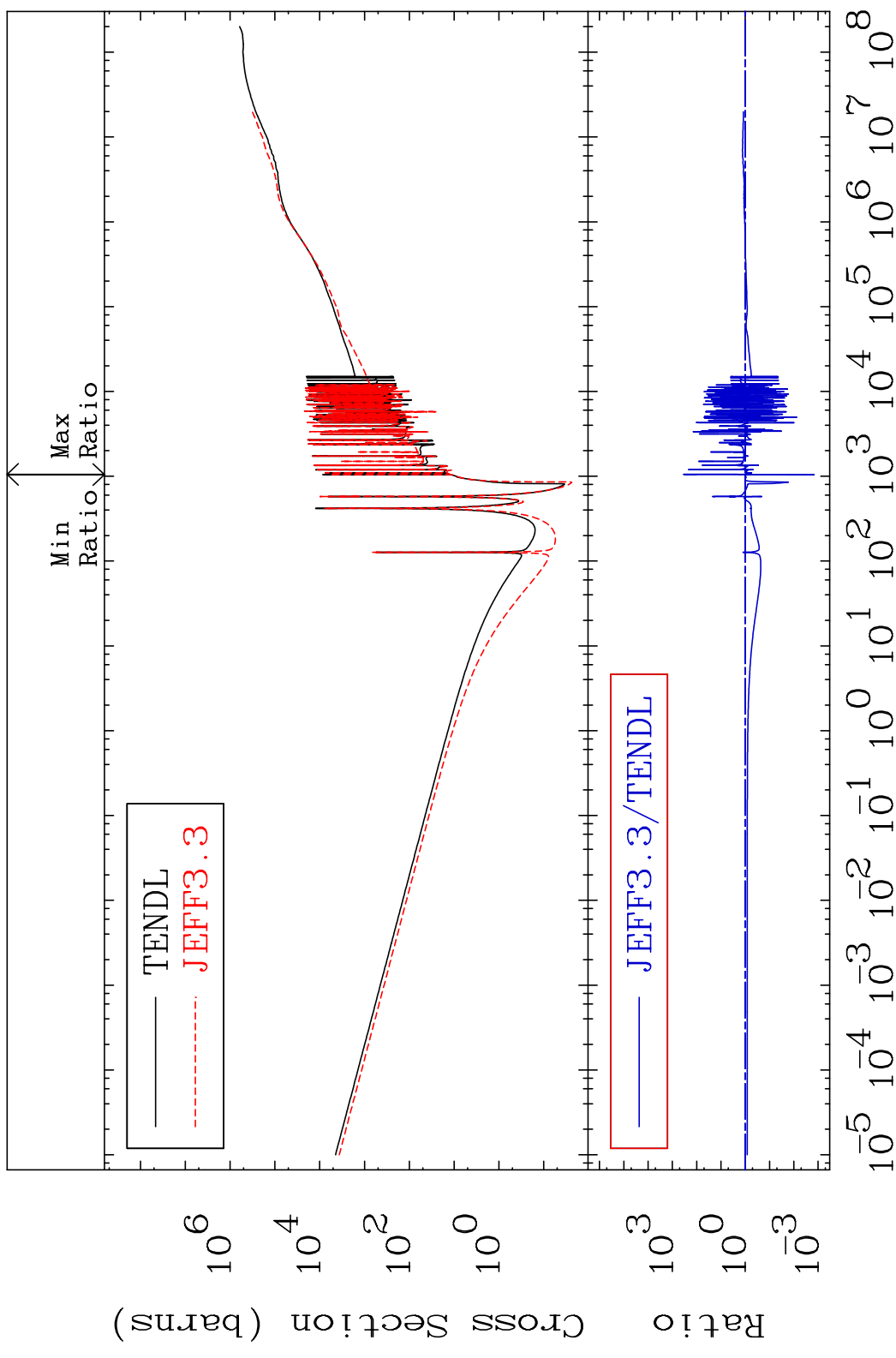
33 Incident Energy (eV) 56-Ba-137

MAT 5646 Total kinematic kerma (high limit) 56-Ba-137  
 Cross Section -99.67 To 9999. %



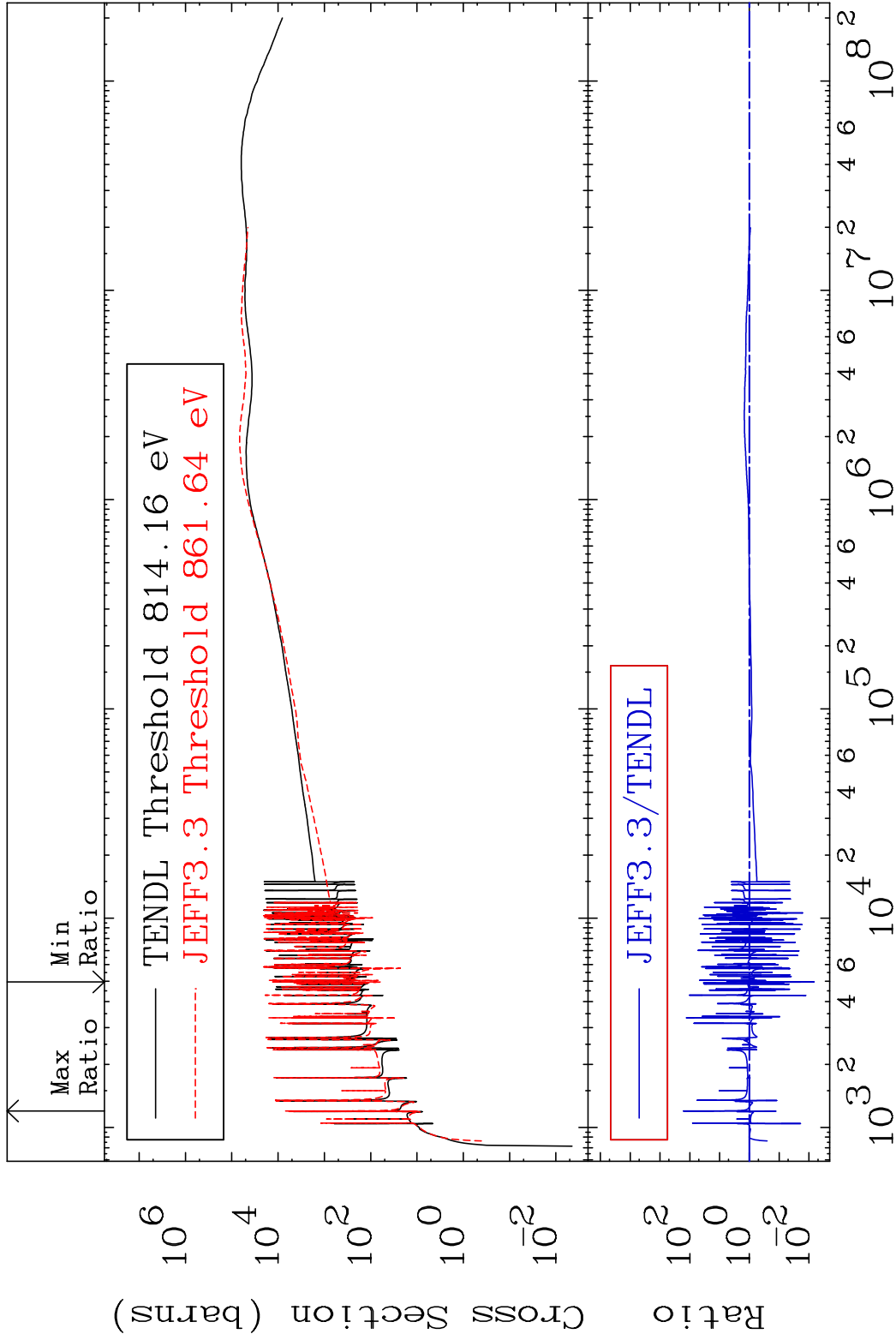
34 Incident Energy (eV) 56-Ba-137

MAT 5646      Dpa total (eV-barns)      56-Ba-137  
 Cross Section      -99.85 To 9999. %



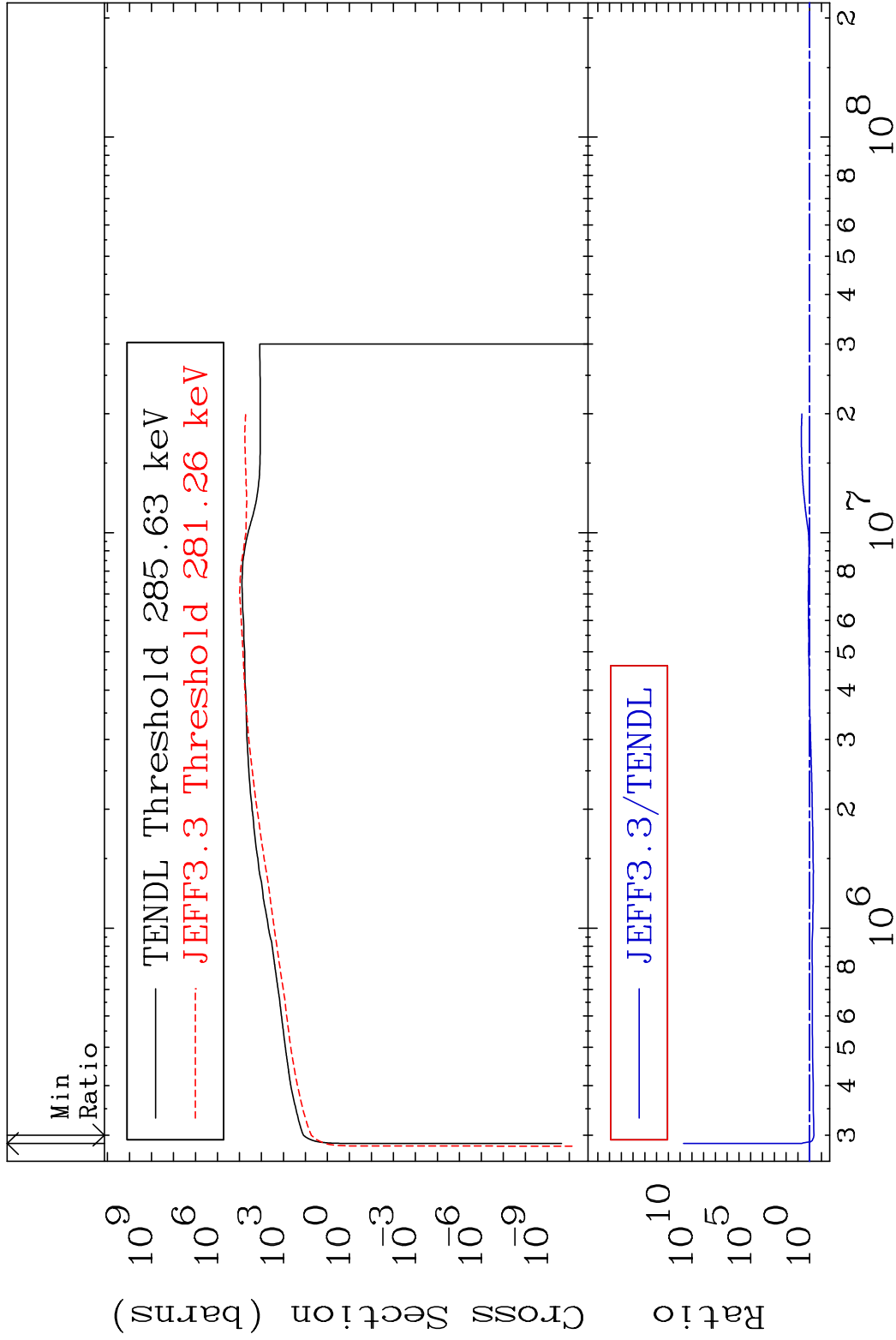
35      Incident Energy (eV)      56-Ba-137

MAT 5646 Dpa elastic (mt2) 56-Ba-137  
Cross Section -99.32 To 9999. %



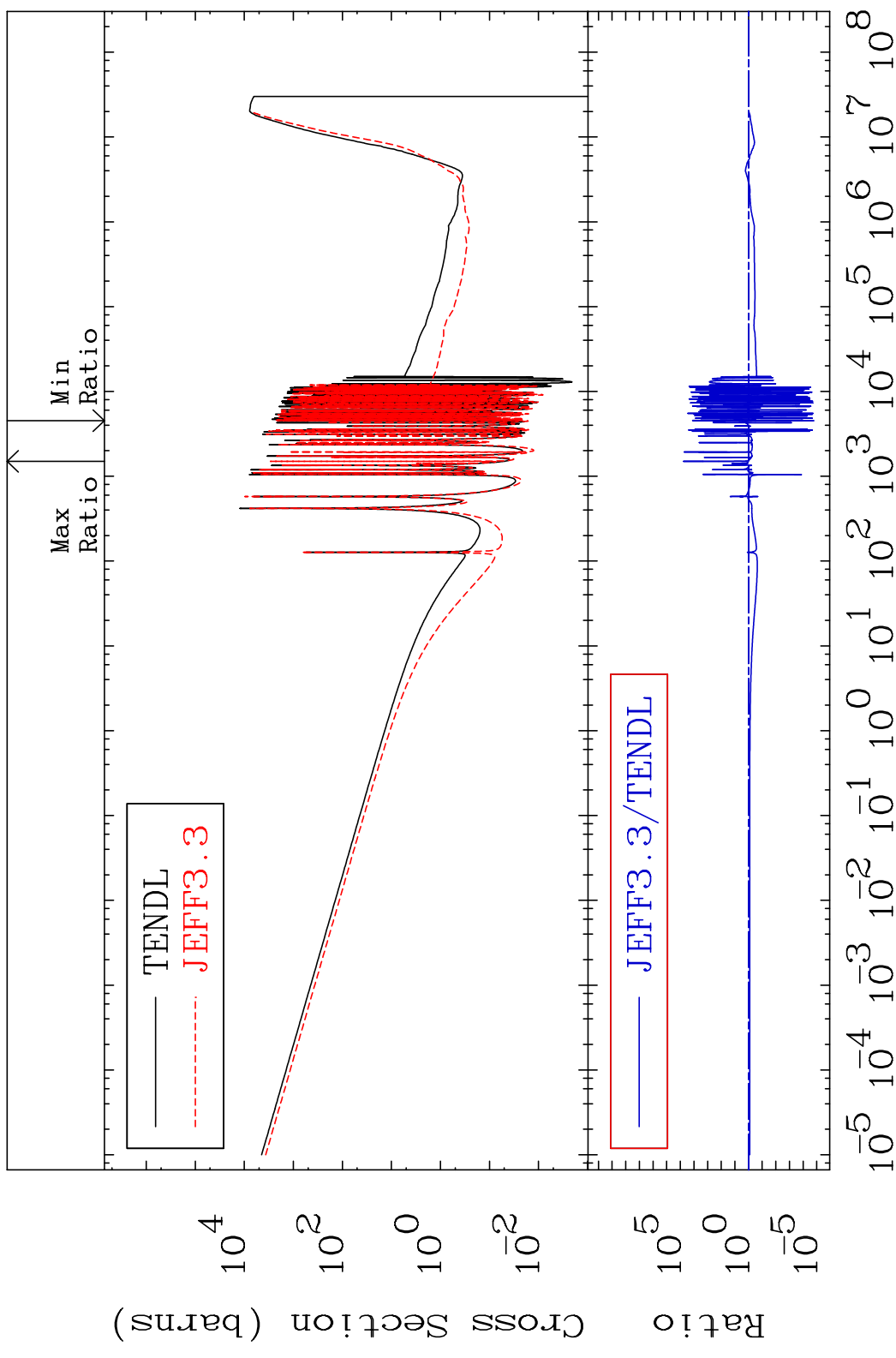
36 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa inelastic (mt51-91) 56-Ba-137  
 Cross Section -56.57 To 9999. %



37 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa disappearance (mt102 -120) 56-Ba-137  
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 56-Ba-137