

Program Complot  
(Version 2021-1)

by

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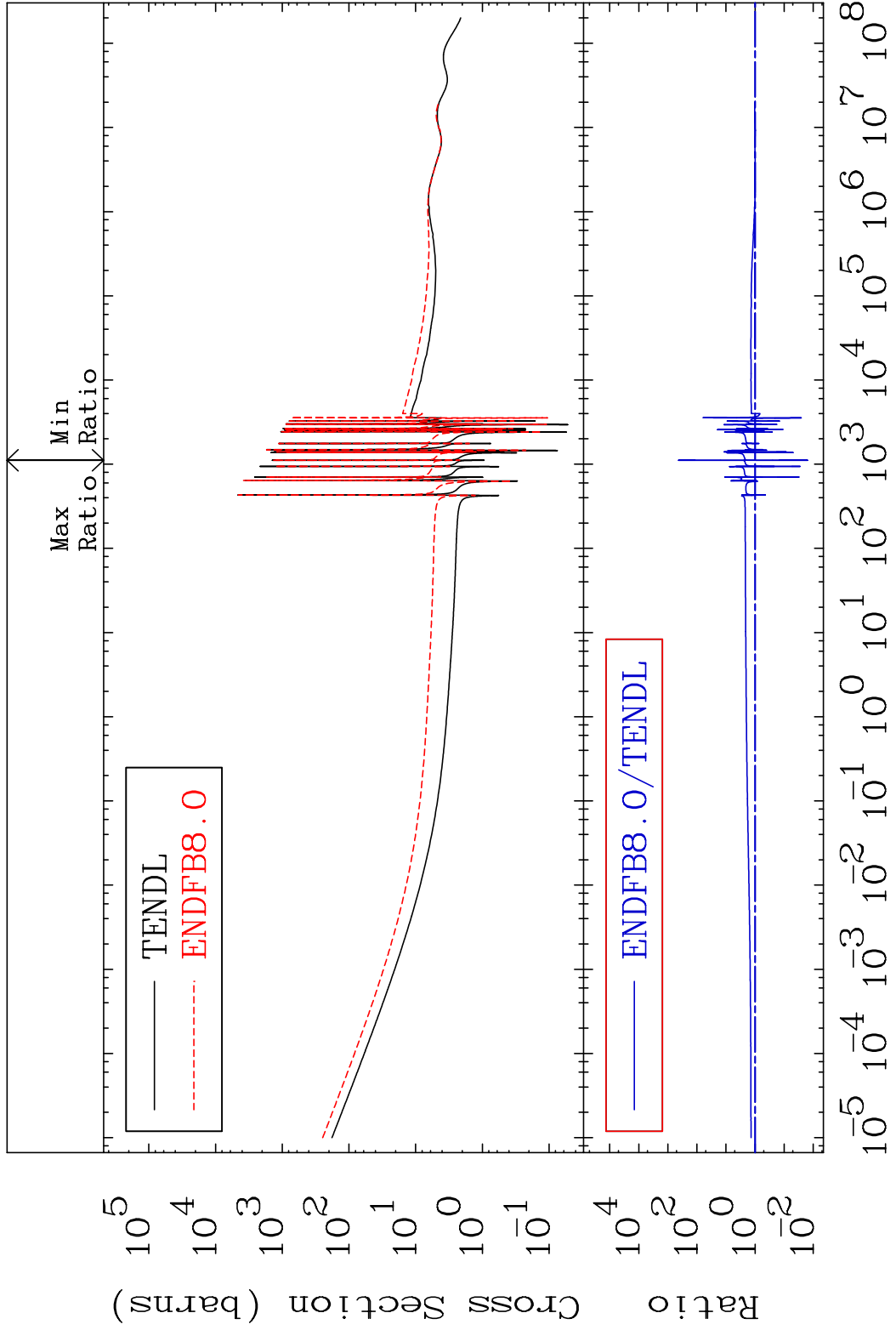
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

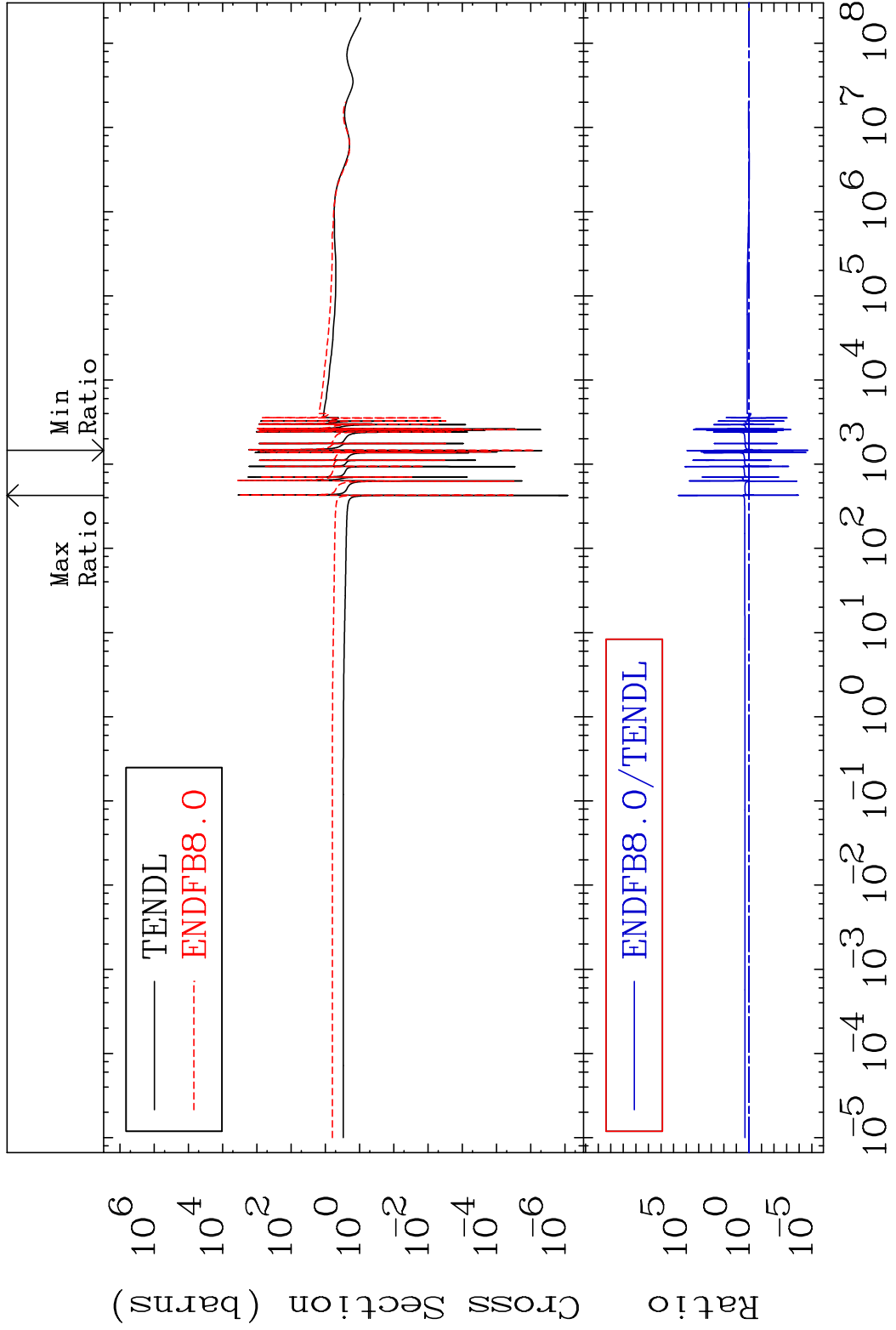
Press Mouse Button to Start

MAT 5443                      Total                      54-Xe-130  
 Cross Section                      -98.46 To 9999. %



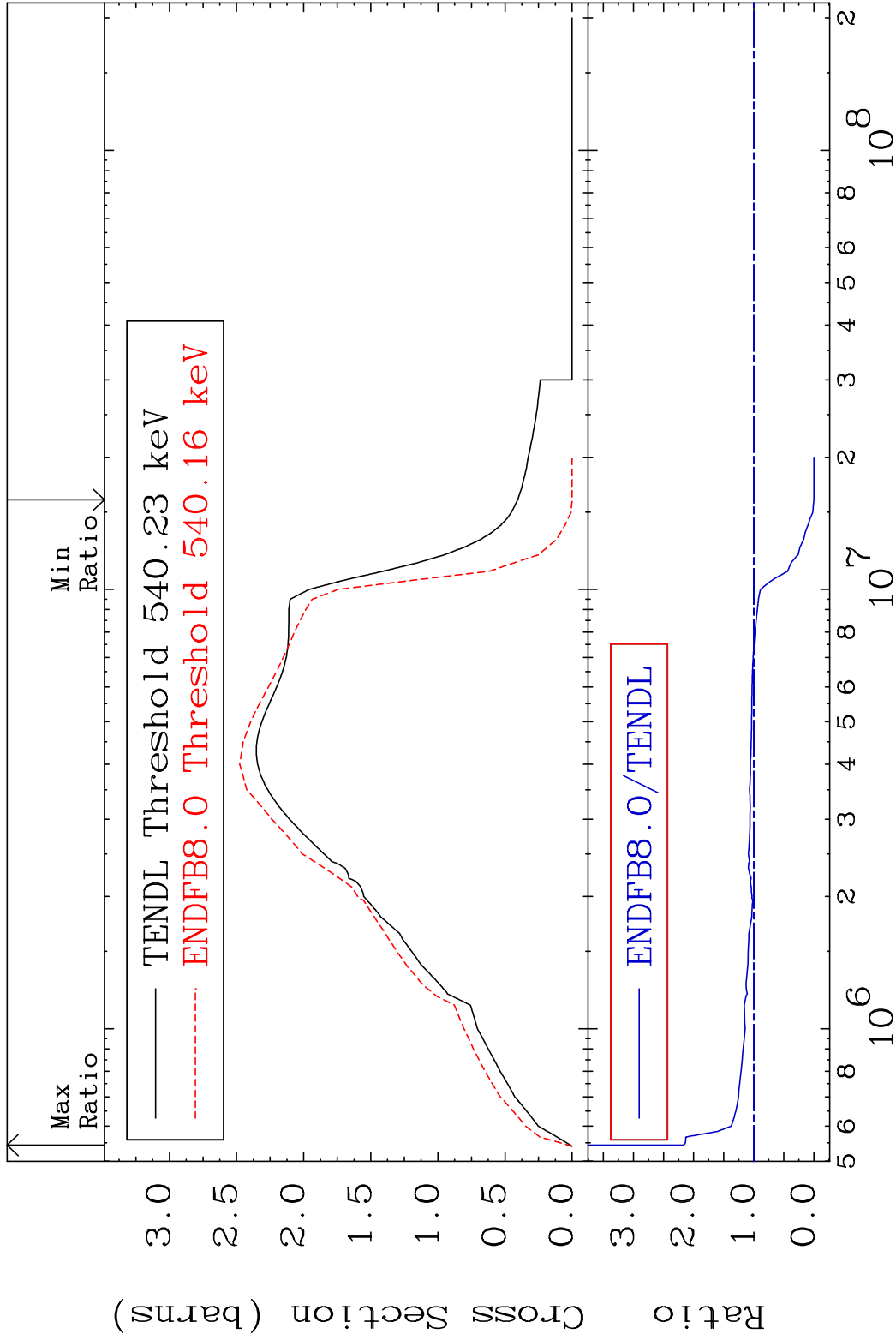
1                      Incident Energy (eV)                      54-Xe-130

MAT 5443                      Elastic                      54-Xe-130  
 Cross Section                      -100.0 To 9999. %

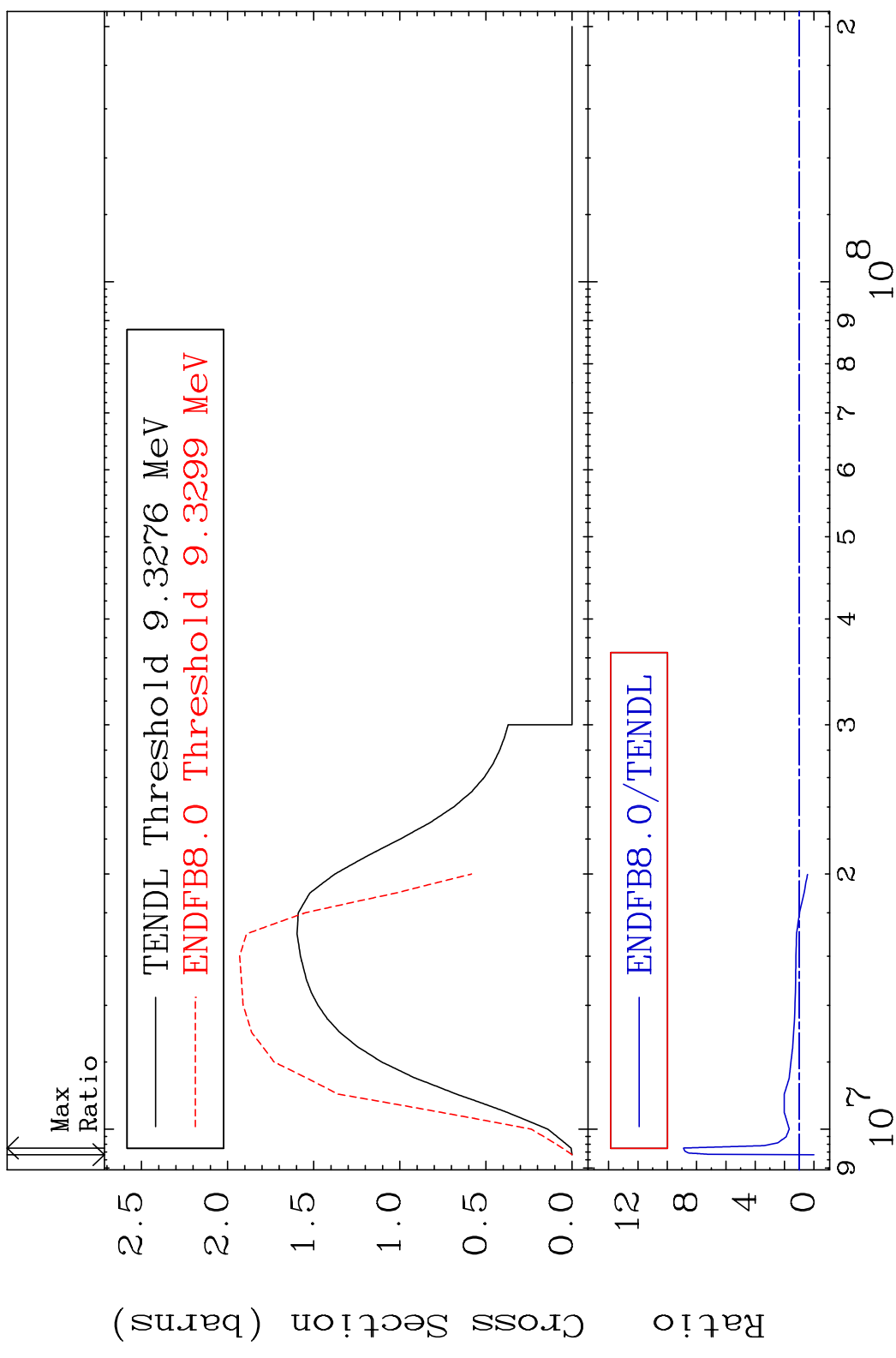


2                      Incident Energy (eV)                      54-Xe-130

MAT 5443 Inelastic 54-Xe-130  
 Cross Section -100.0 To 116.9 %

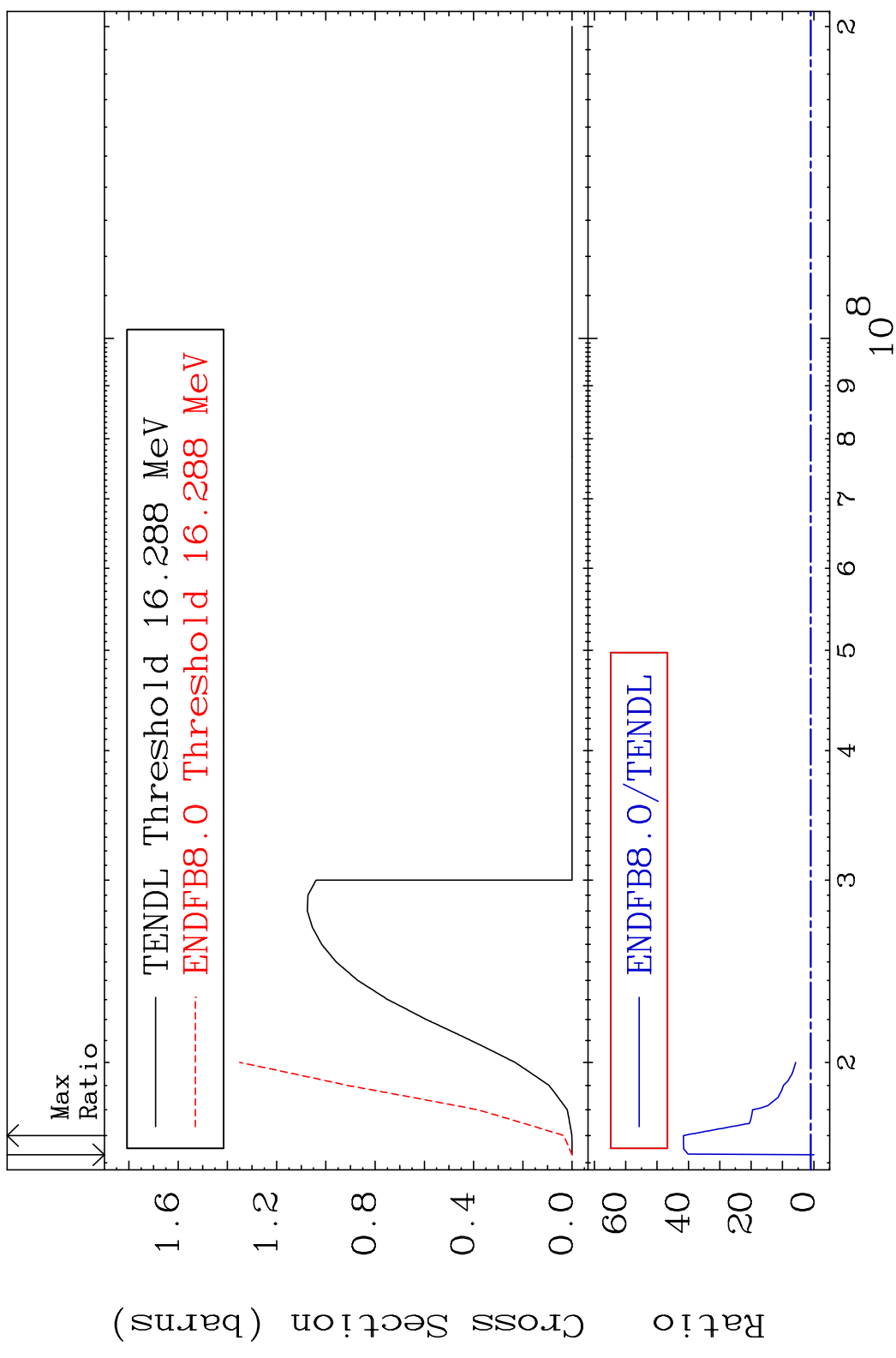


MAT 5443 (n,2n) 54-Xe-130  
 Cross Section -100.0 To 789.6 %

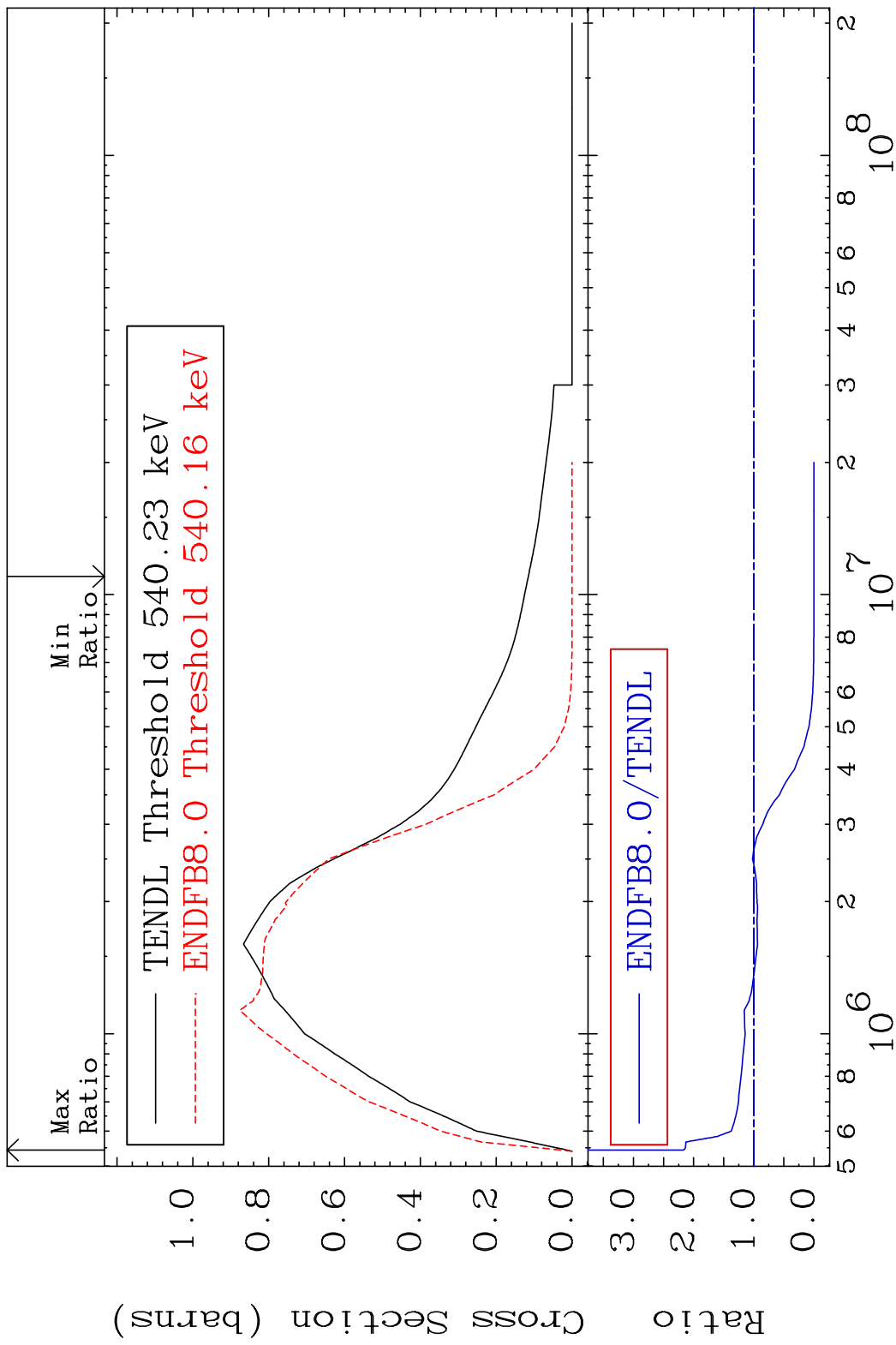


4 Incident Energy (eV) 54-Xe-130

MAT 5443 (n,3n) 54-Xe-130  
 Cross Section -100.0 To 4058. %

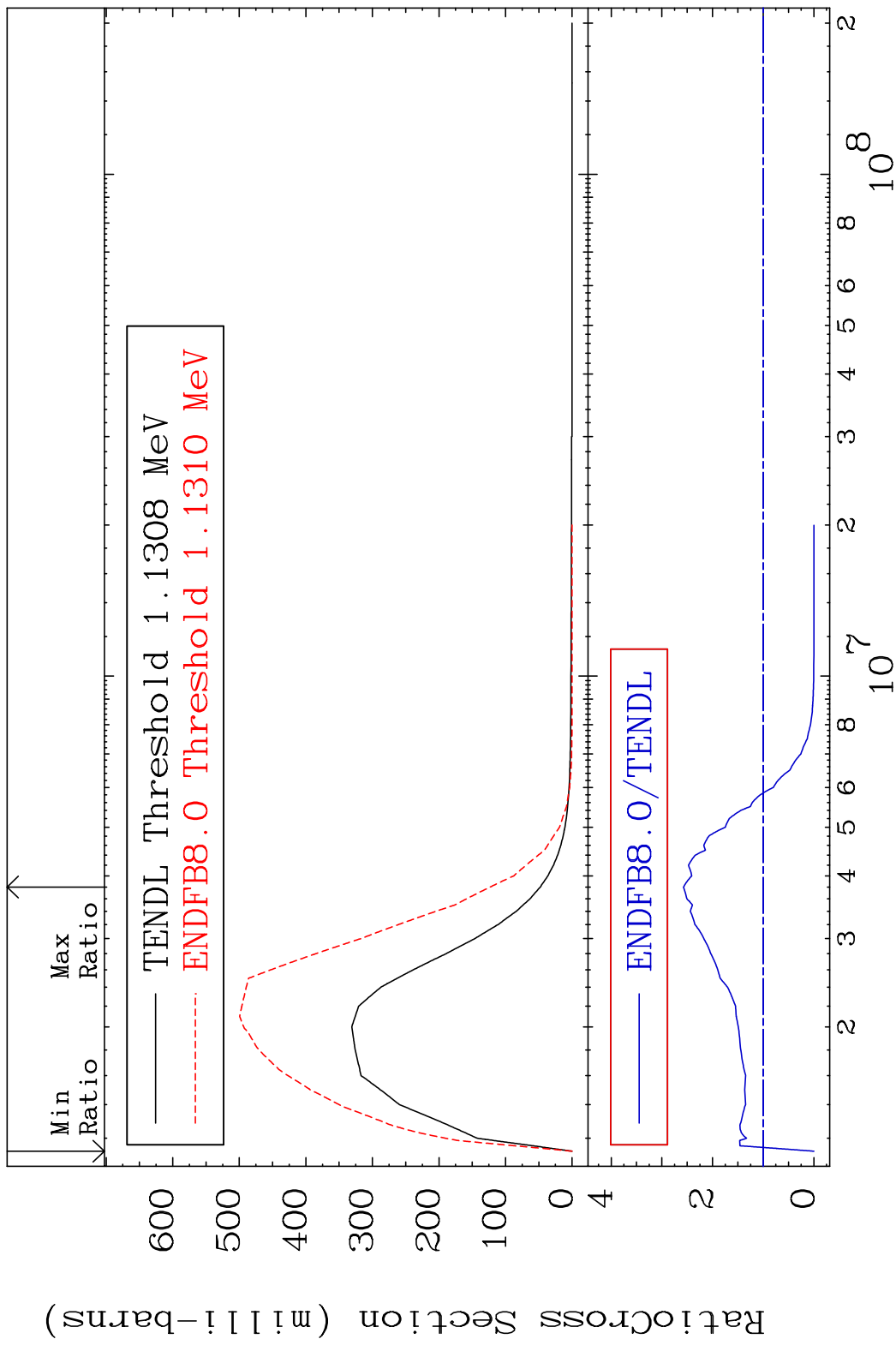


MAT 5443 MT= 51 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 116.9 %



6 Incident Energy (eV) 54-Xe-130

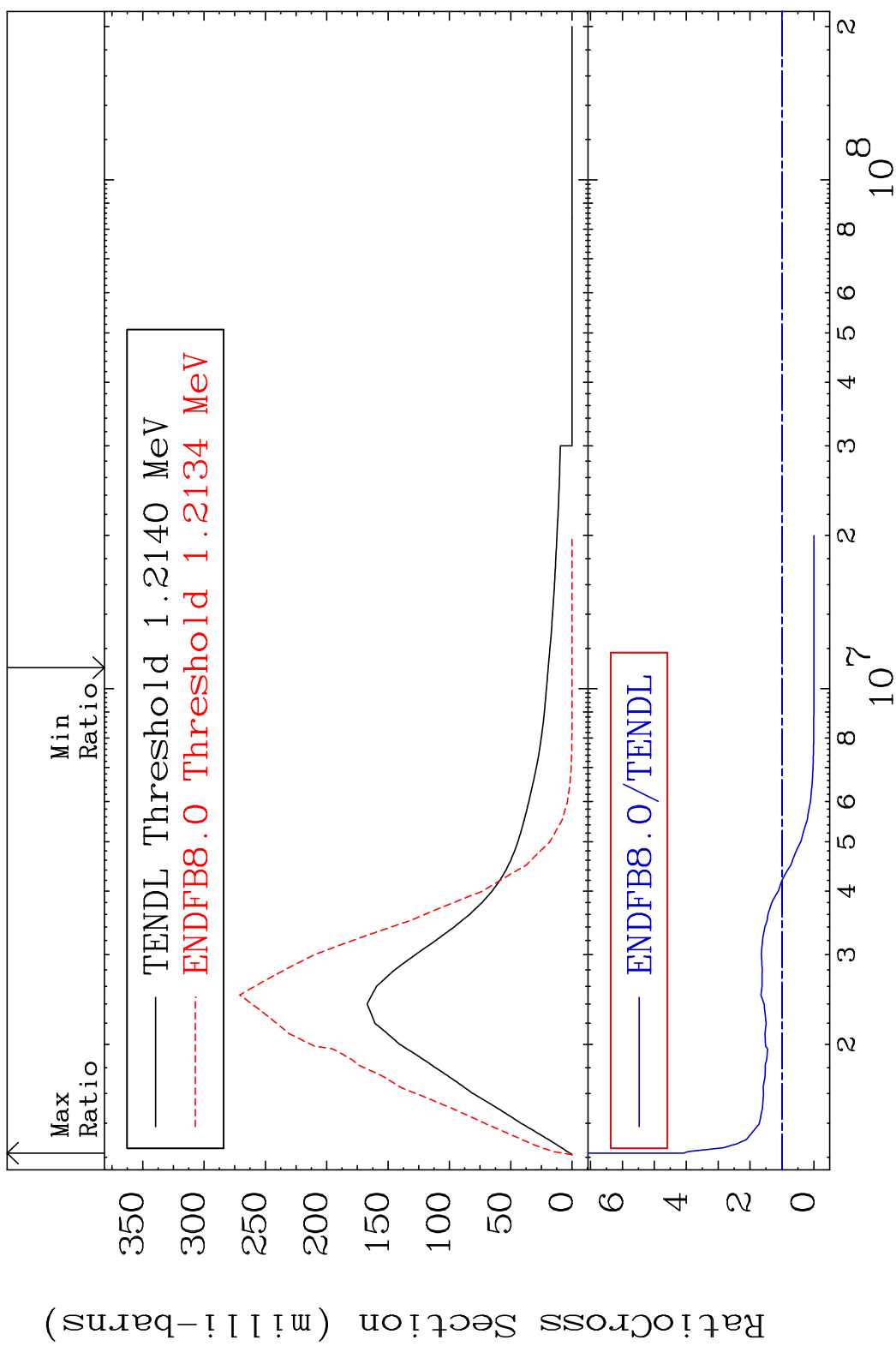
MAT 5443 MT= 52 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 157.4 %



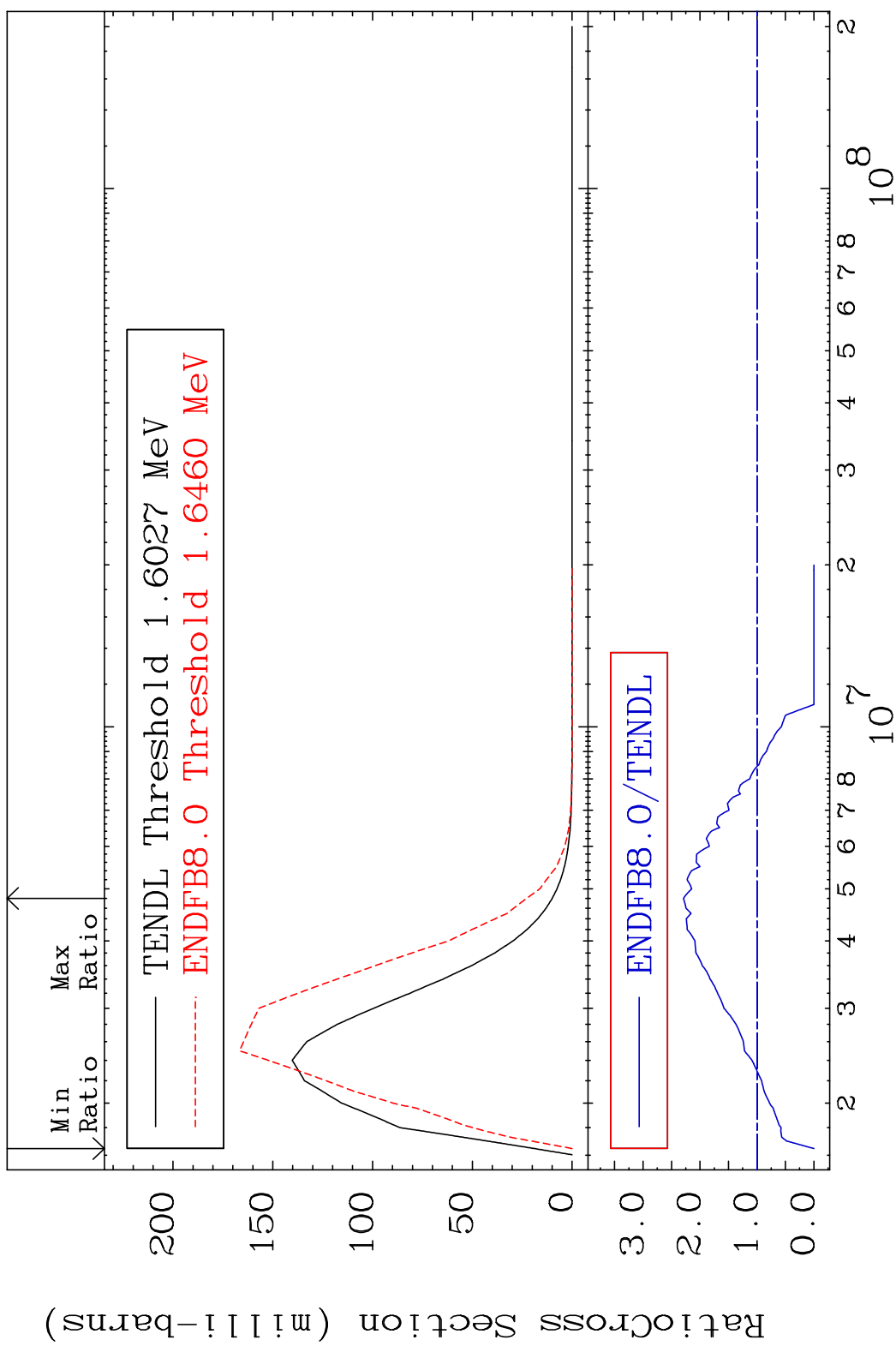
7 Incident Energy (eV) 54-Xe-130



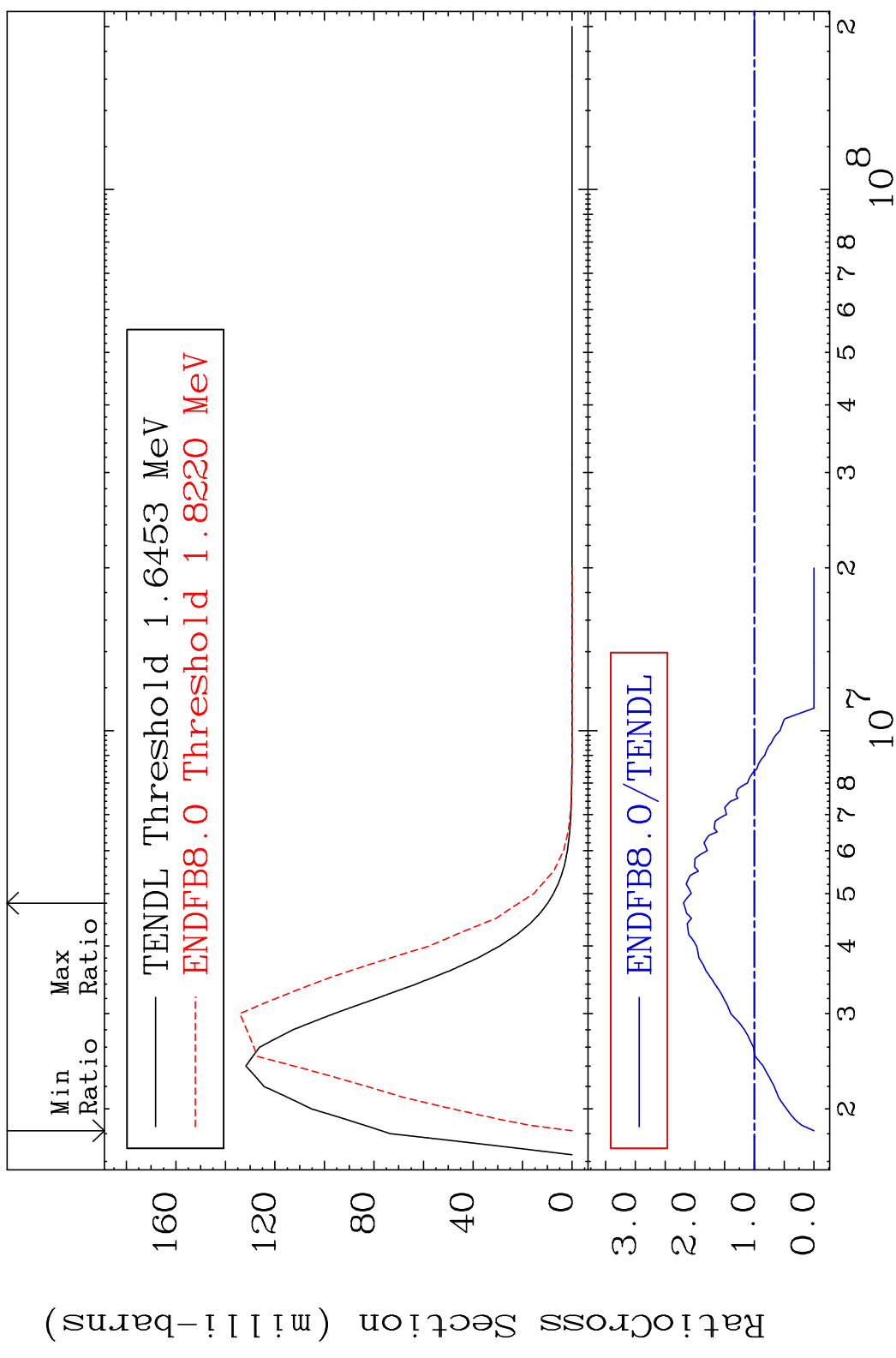
MAT 5443 MT= 53 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 308.8 %



MAT 5443 MT= 54 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 129.1 %

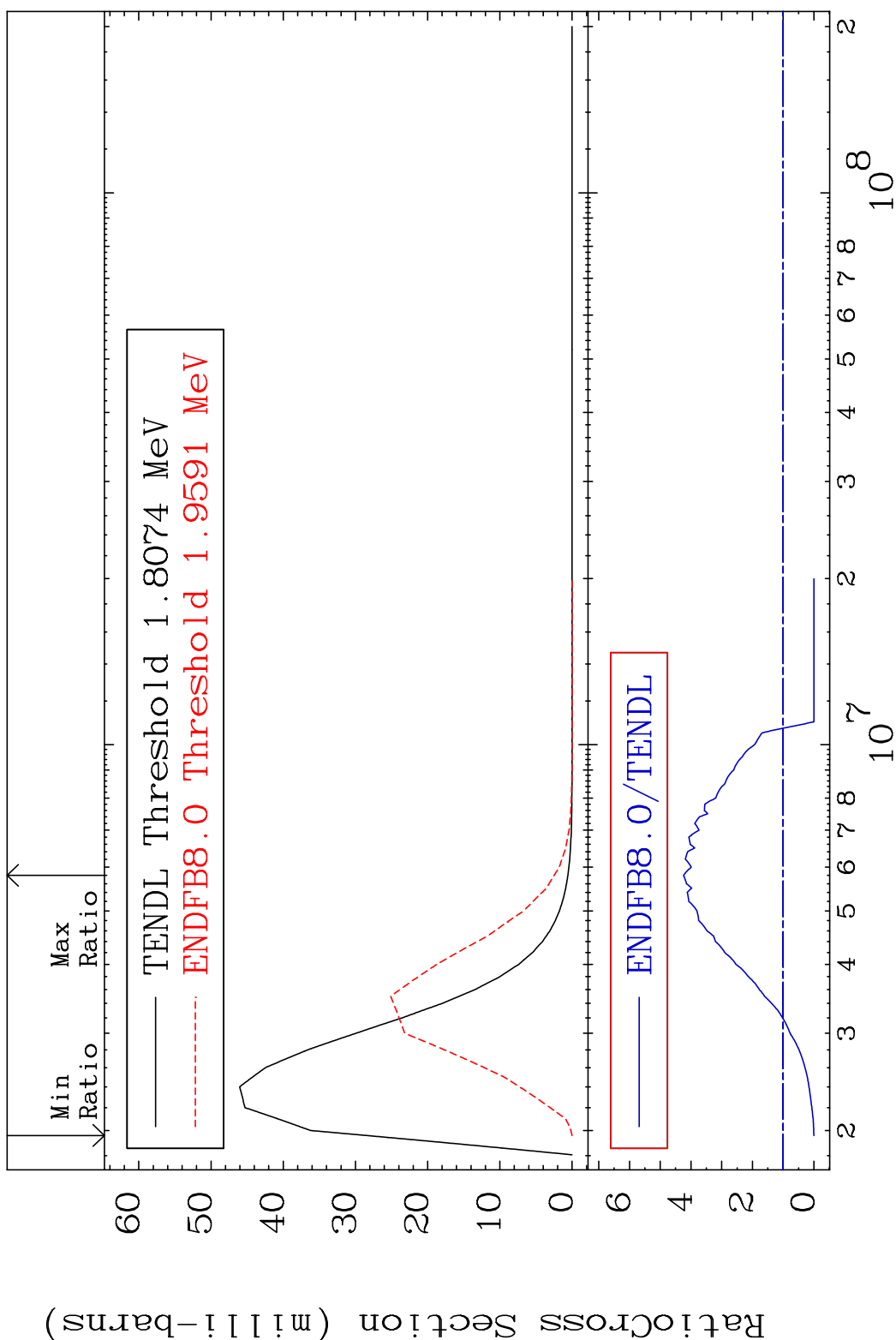


MAT 5443 MT= 55 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 119.2 %



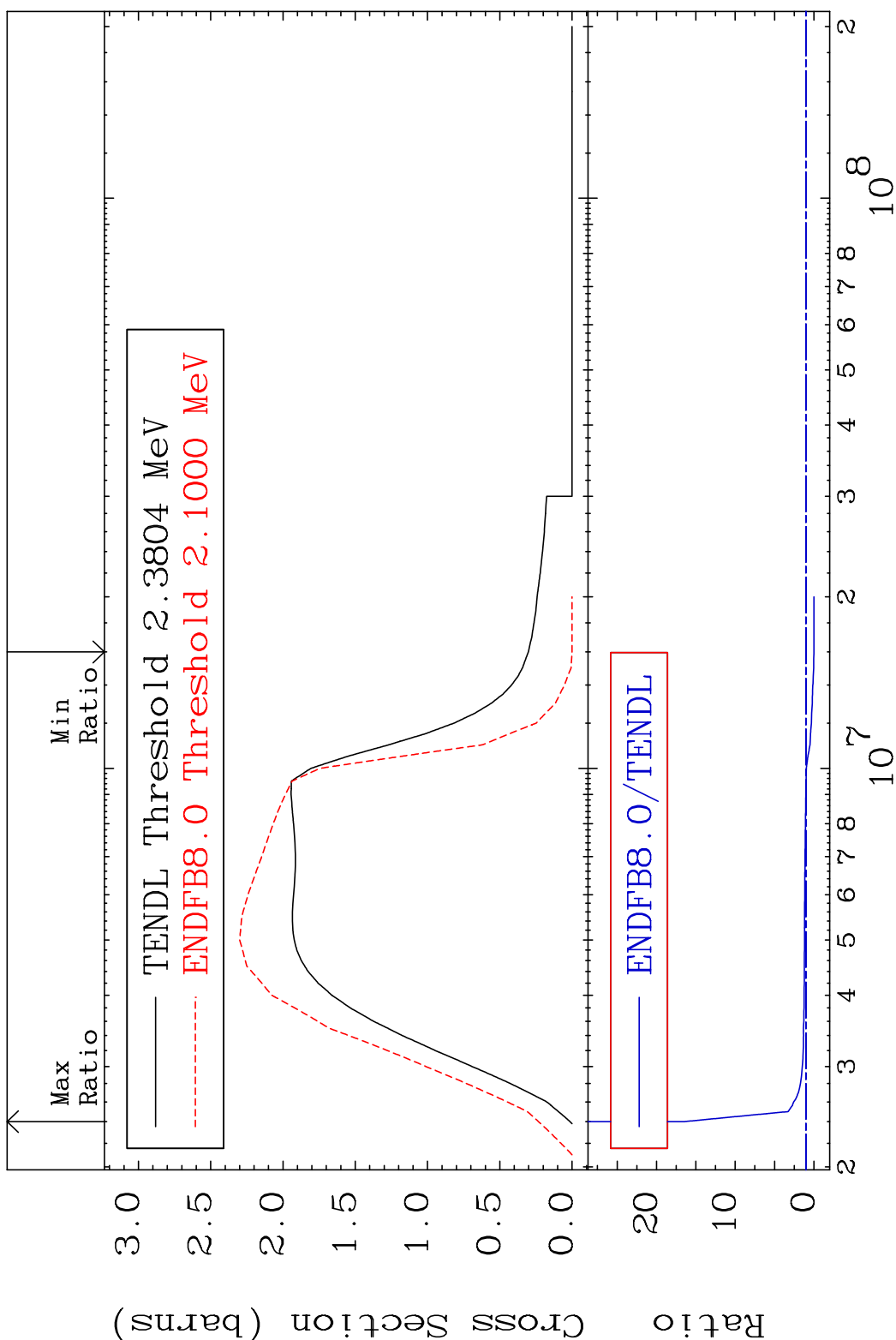
10 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 56 (n, n') Level 54-Xe-130  
 Cross Section -100.0 To 324.5 %



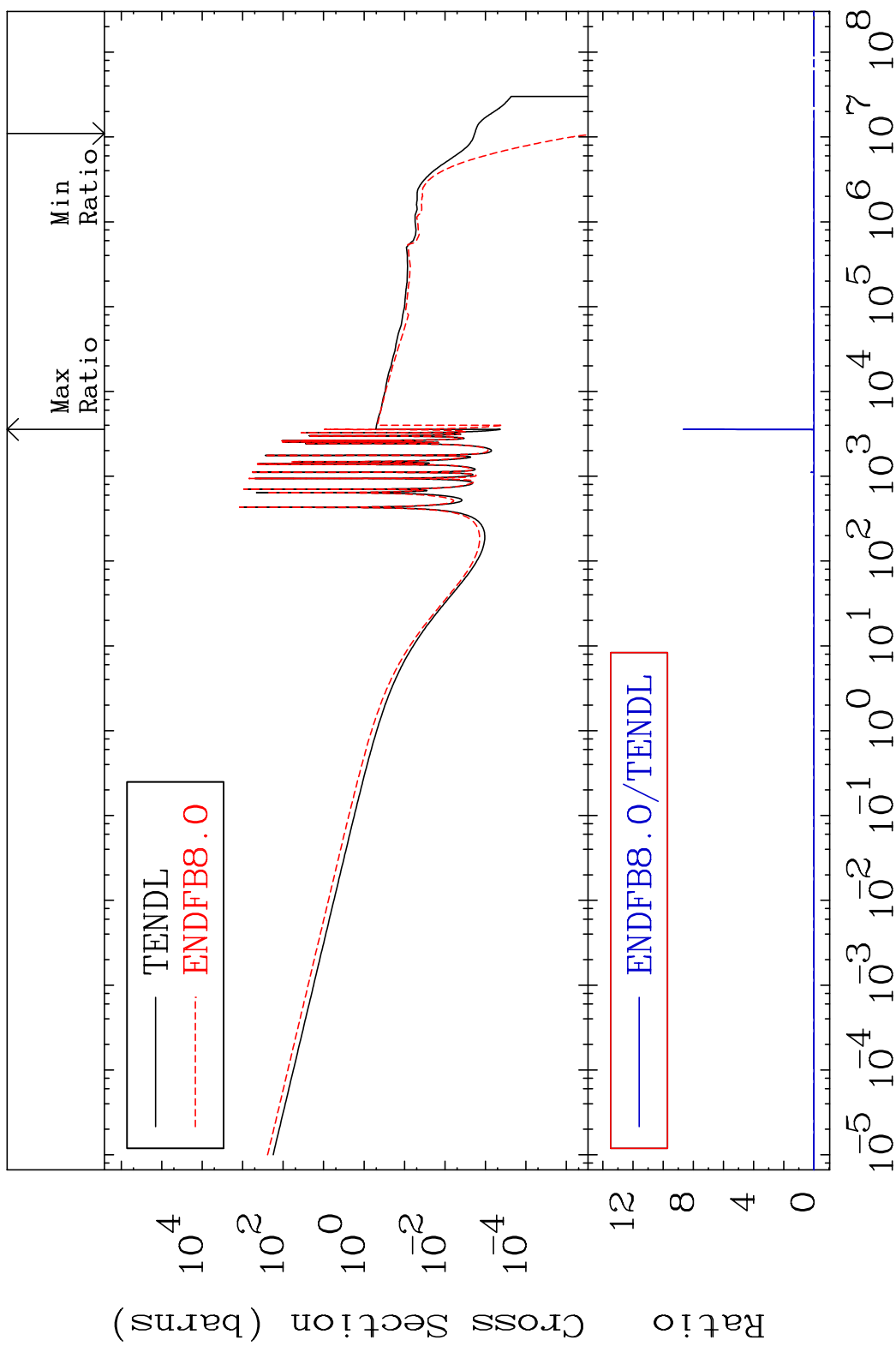
11 Incident Energy (eV) 54-Xe-130

MAT 5443 (n,n') Continuum 54-Xe-130  
 Cross Section -100.0 To 1557. %



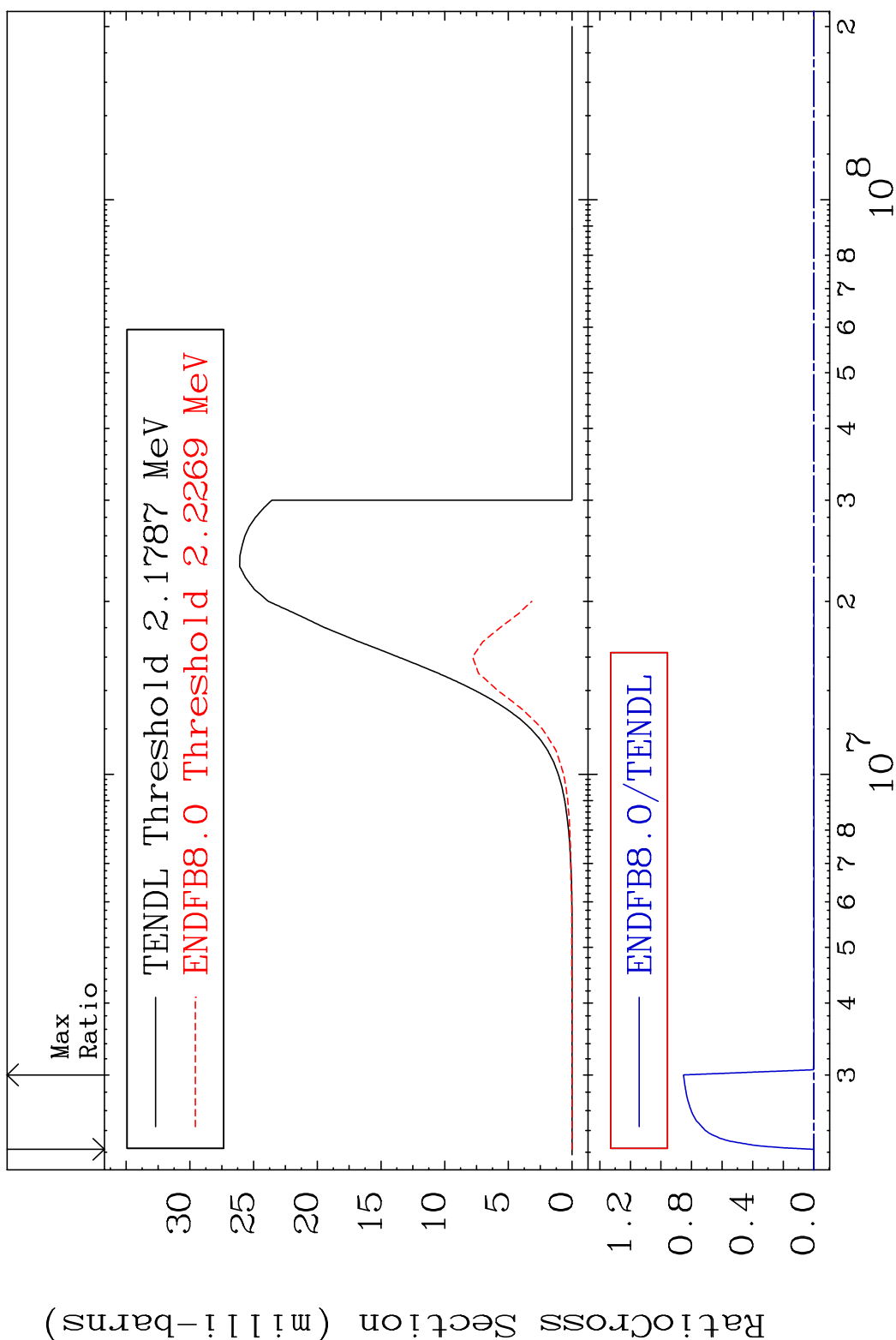
12 Incident Energy (eV) 54-Xe-130

MAT 5443  $(n, \gamma)$  54-Xe-130  
 Cross Section -100.0 To 9999. %

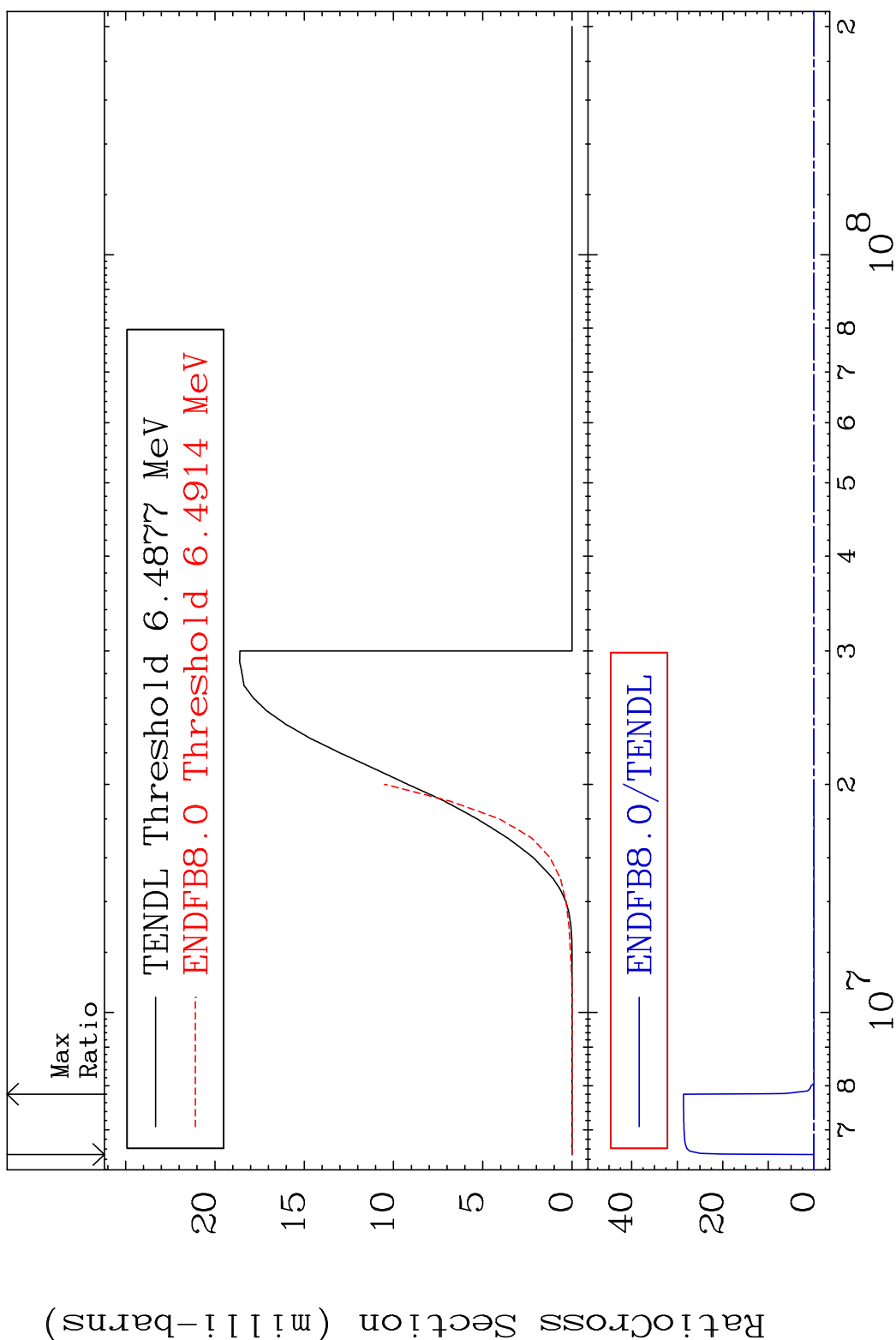


13 Incident Energy (eV) 54-Xe-130

MAT 5443 (n, p) 54-Xe-130  
 Cross Section -100.0 To 9999. %



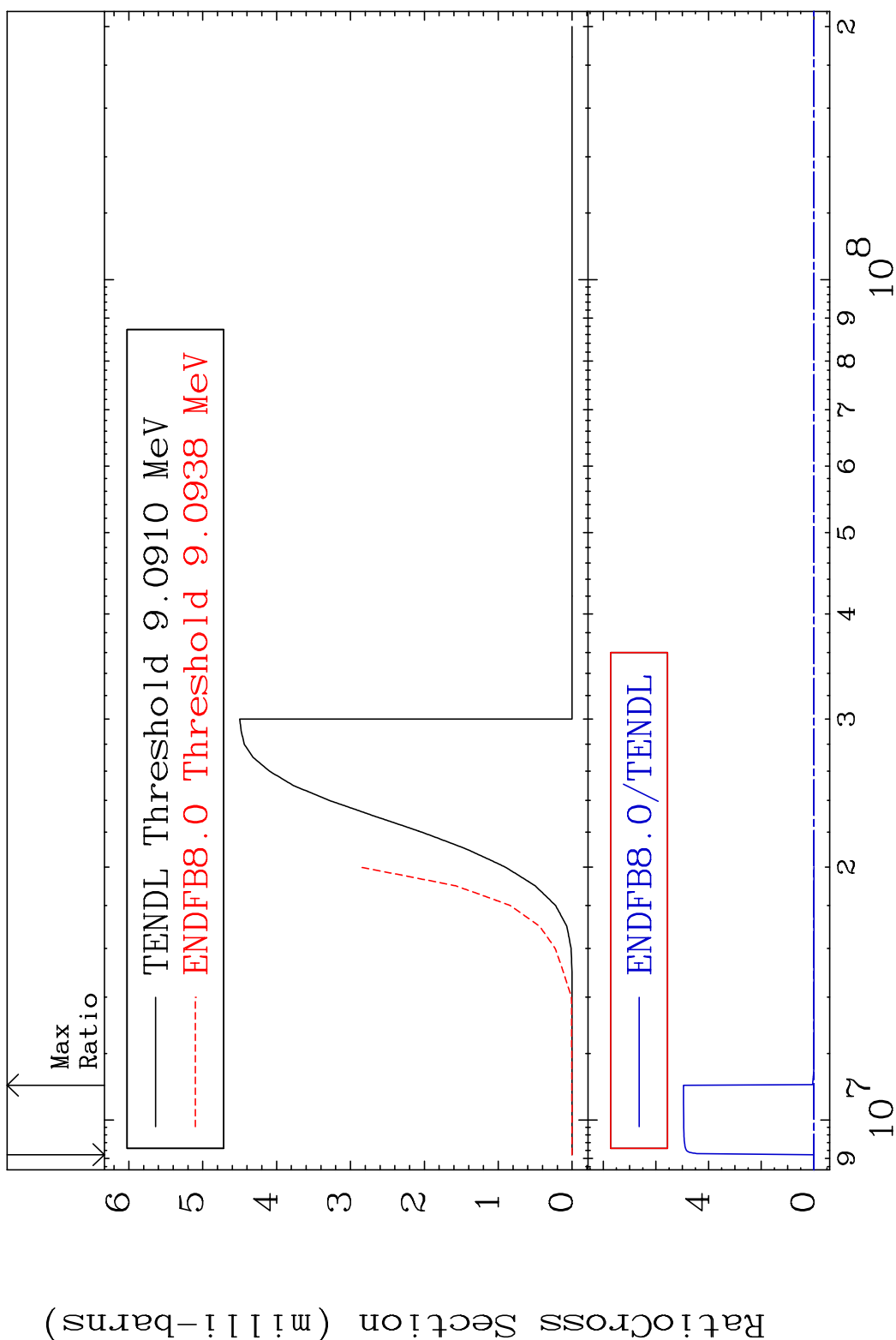
MAT 5443 (n, d) 54-Xe-130  
 Cross Section -100.0 To 9999. %



15 54-Xe-130



MAT 5443 (n, t) 54-Xe-130  
 Cross Section -100.0 To 9999. %



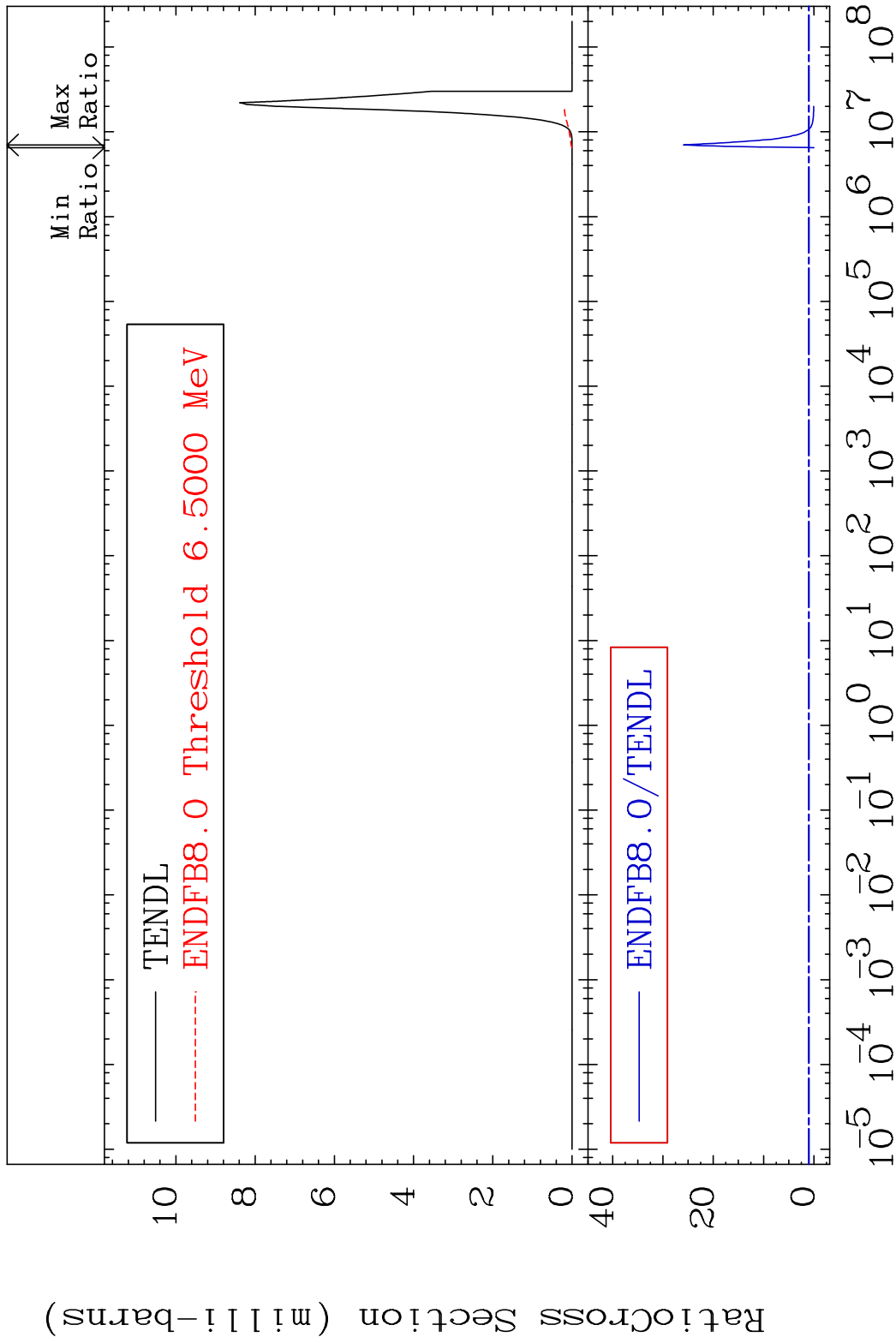
16 54-Xe-130

MAT 5443

(n,  $\alpha$ )

54-Xe-130

Cross Section -100.0 To 2492. %

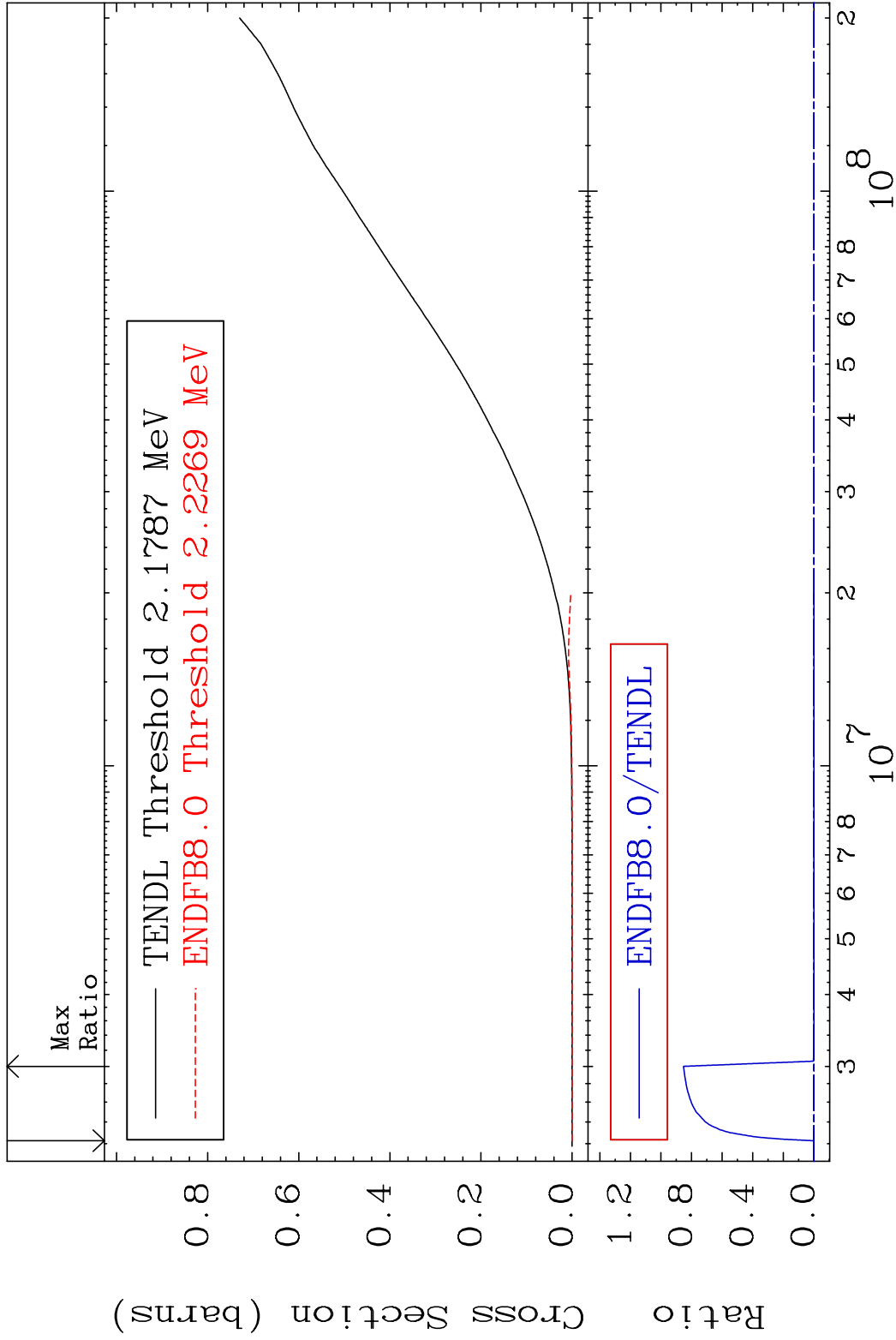


17

Incident Energy (eV)

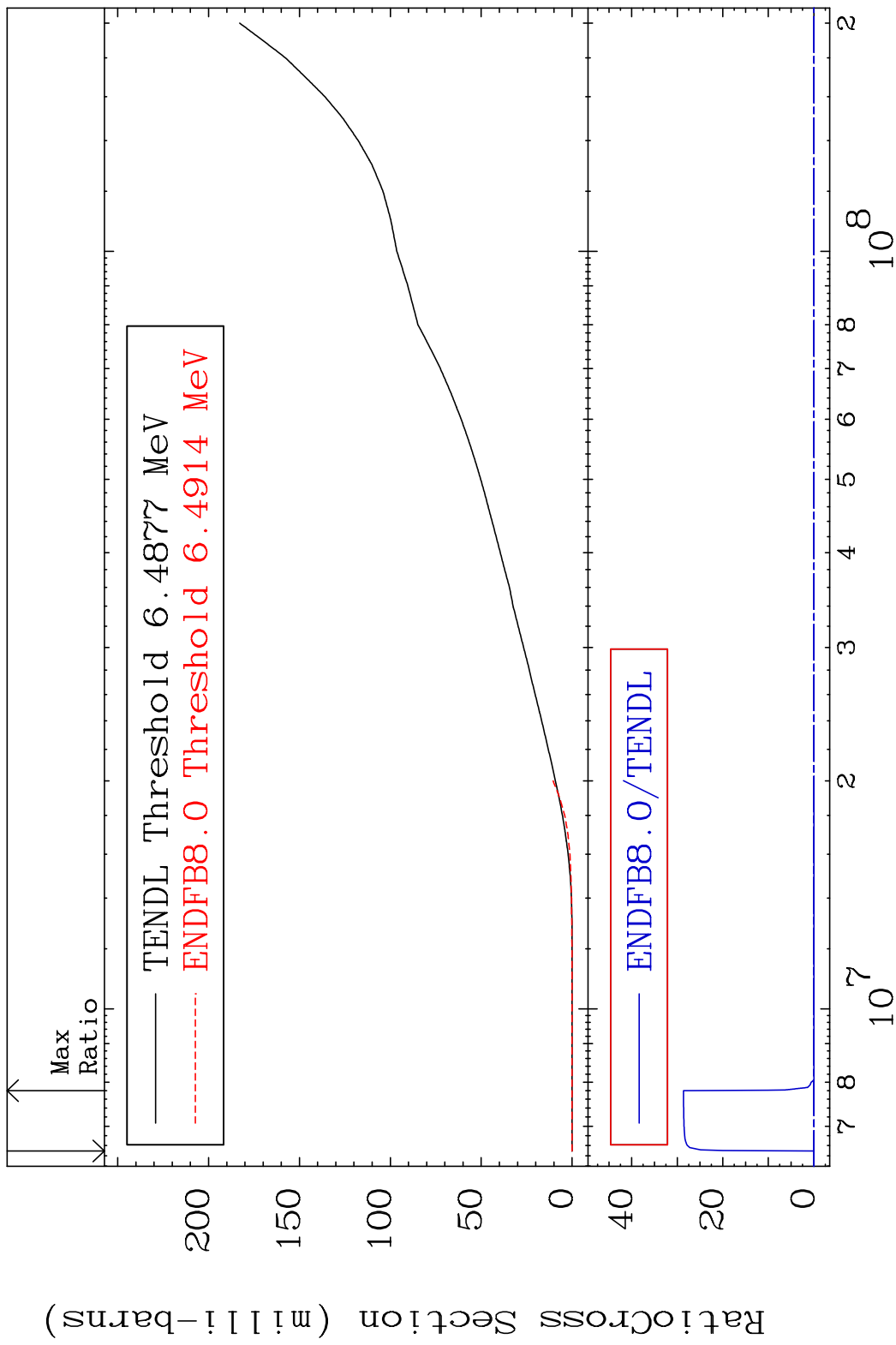
54-Xe-130

MAT 5443 Hydrogen Production 54-Xe-130  
 Cross Section -100.0 To 9999. %



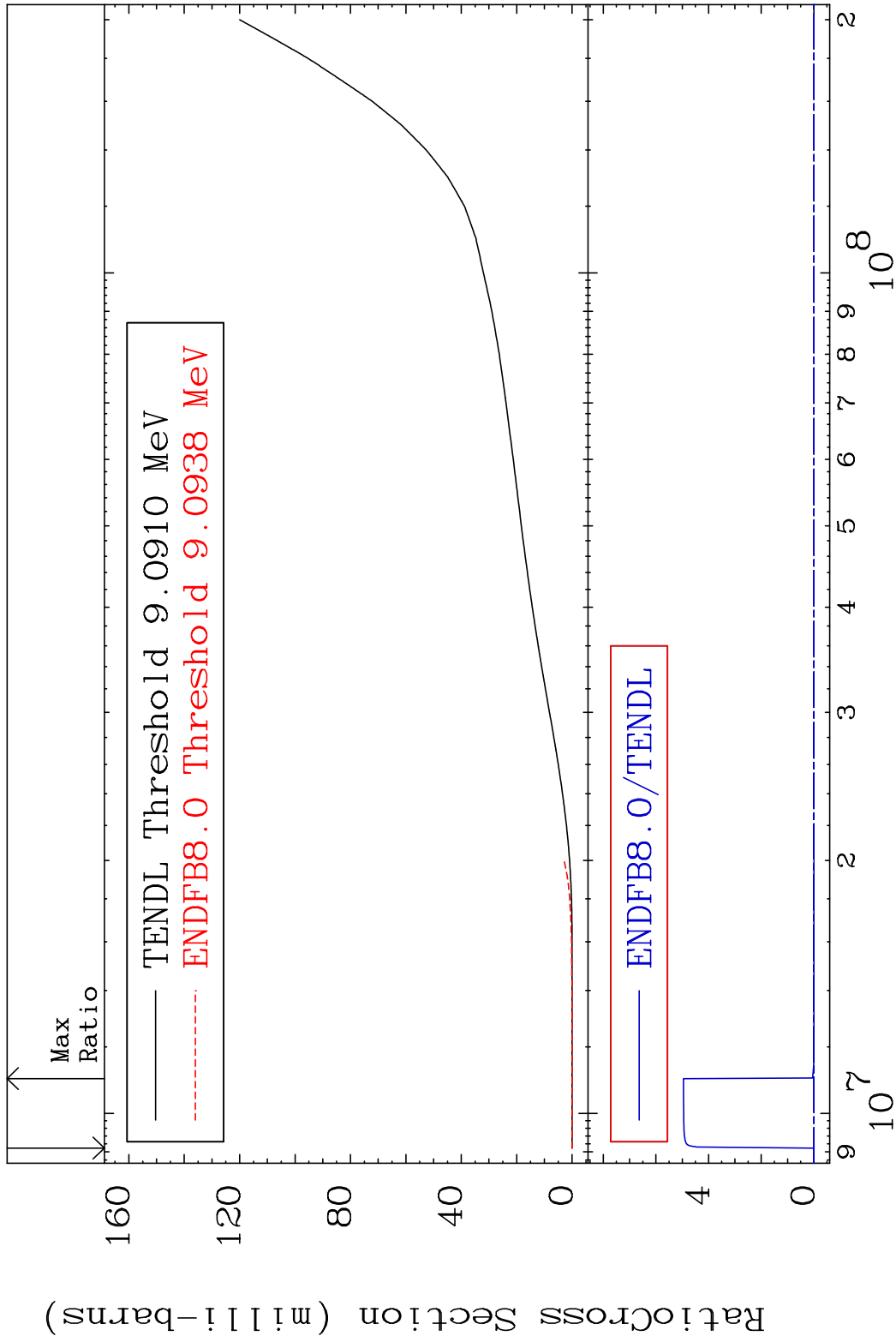
18 Incident Energy (eV) 54-Xe-130

MAT 5443 Deuterium Production 54-Xe-130  
Cross Section -100.0 To 9999. %



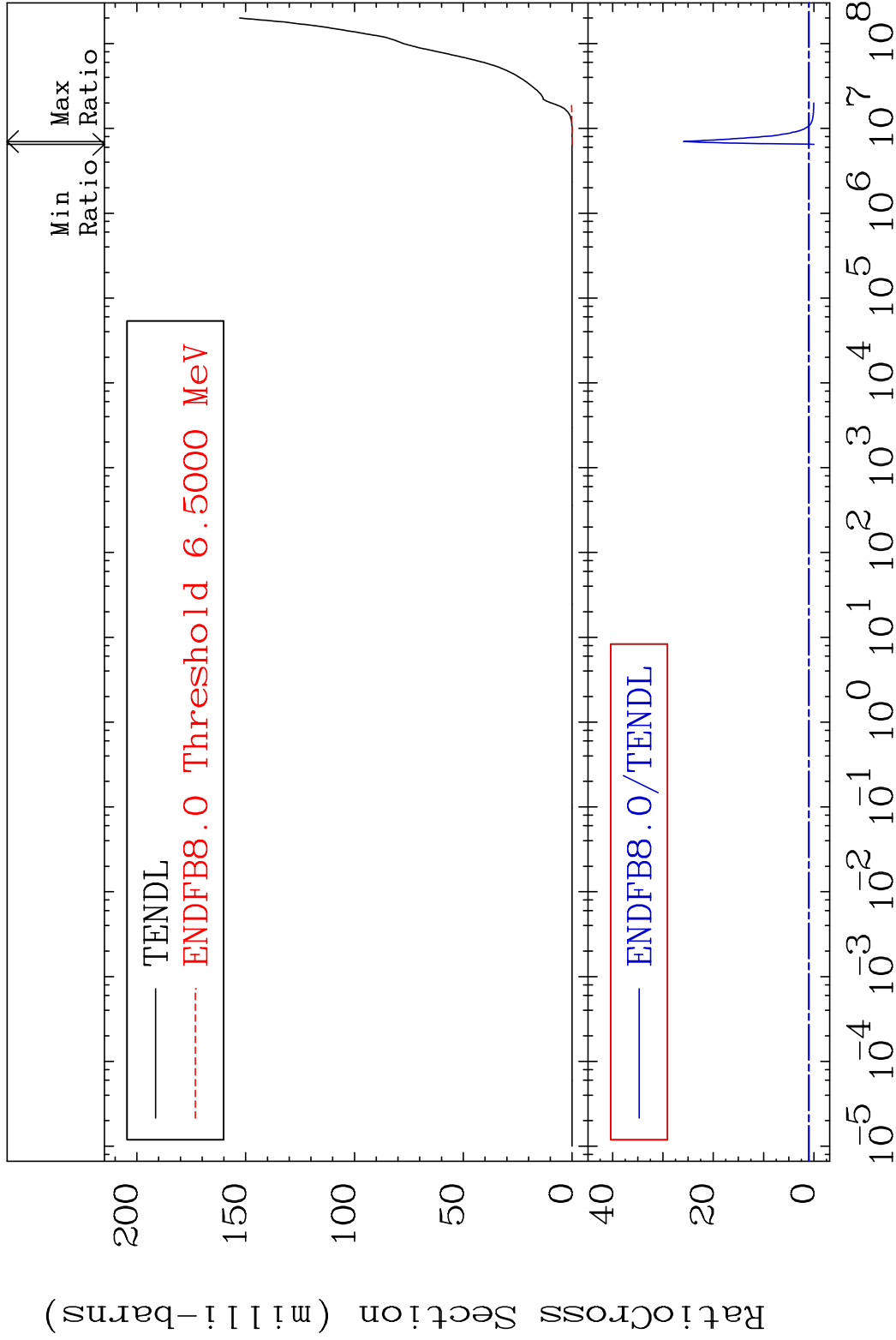
19 54-Xe-130

MAT 5443 Tritium Production 54-Xe-130  
Cross Section -100.0 To 9999. %



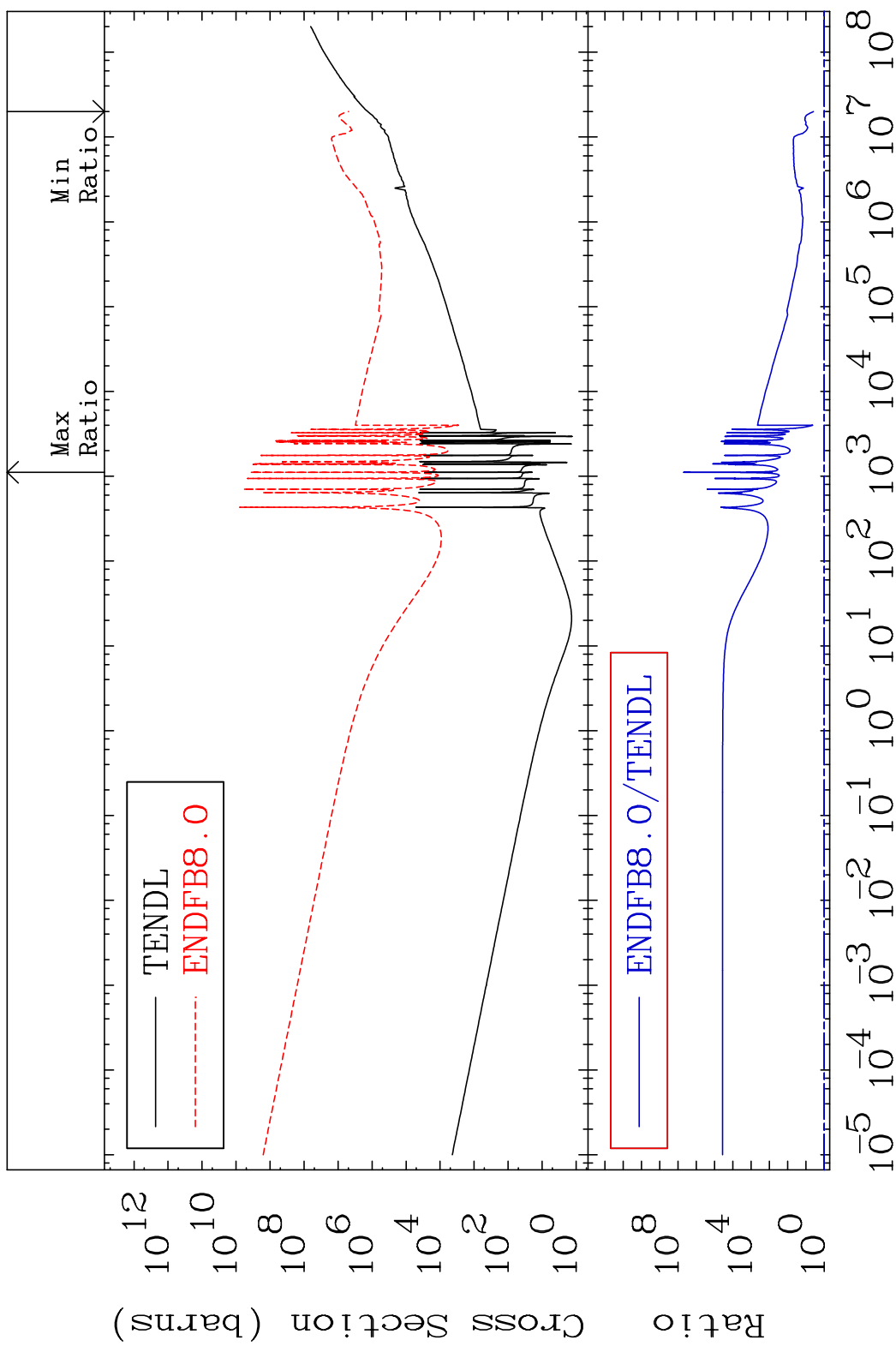
20 54-Xe-130

MAT 5443 He-4 Production 54-Xe-130  
 Cross Section -100.0 To 2492. %

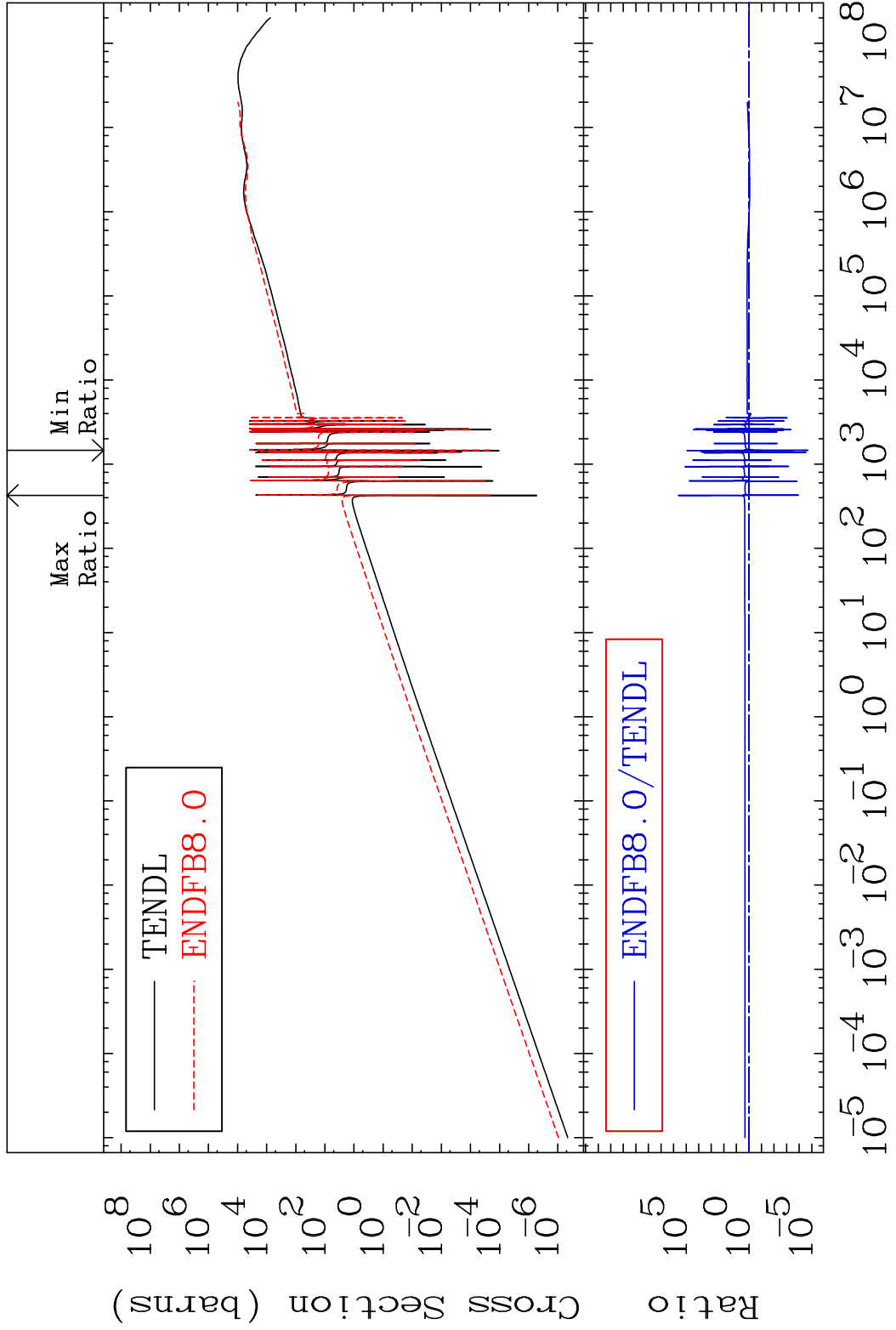


21 Incident Energy (eV) 54-Xe-130

MAT 5443 Kerma total (eV-barns) 54-Xe-130  
 Cross Section 263.8 To 9999. %

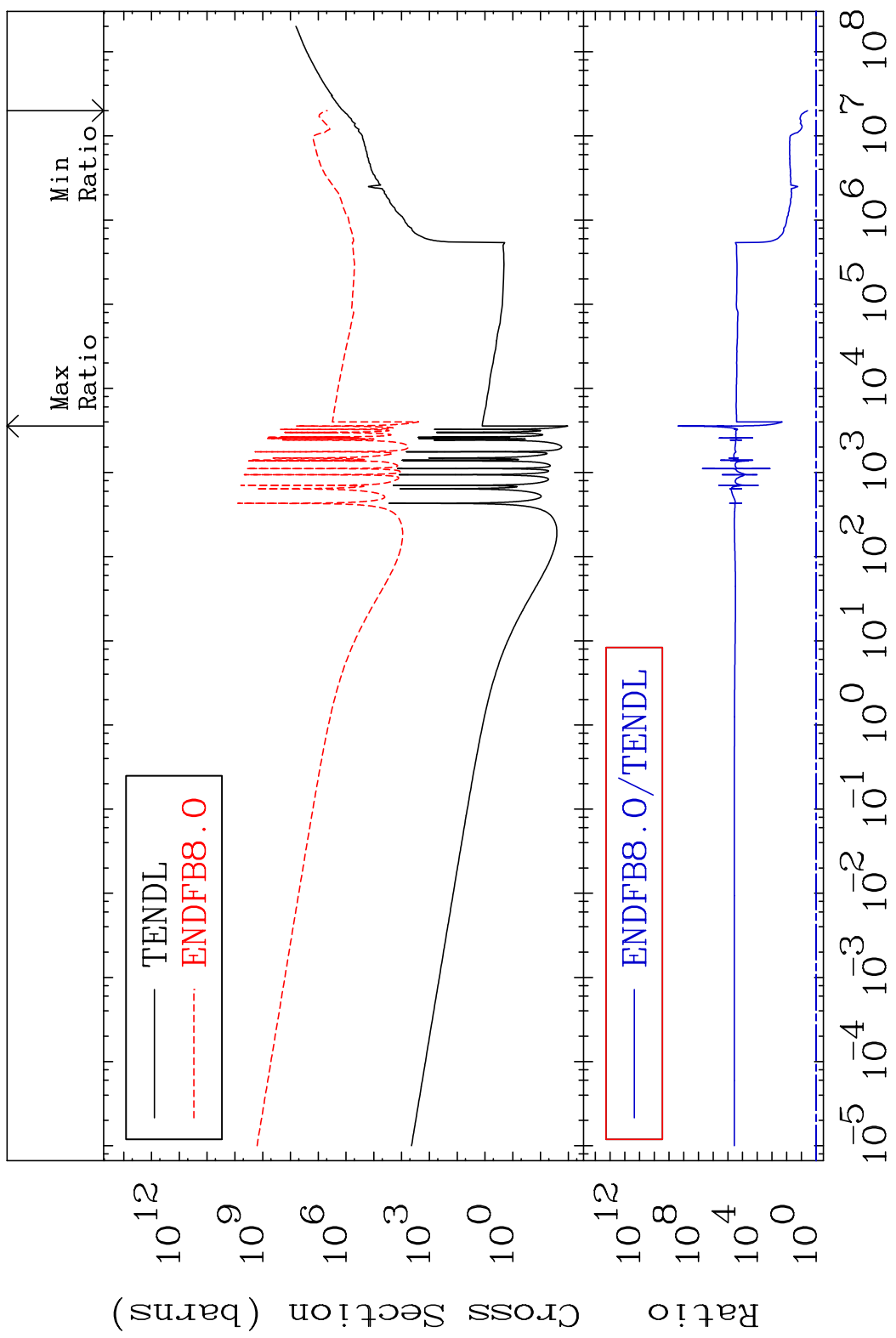


MAT 5443      Kerma elastic      54-Xe-130  
 Cross Section      -100.0 To 9999. %

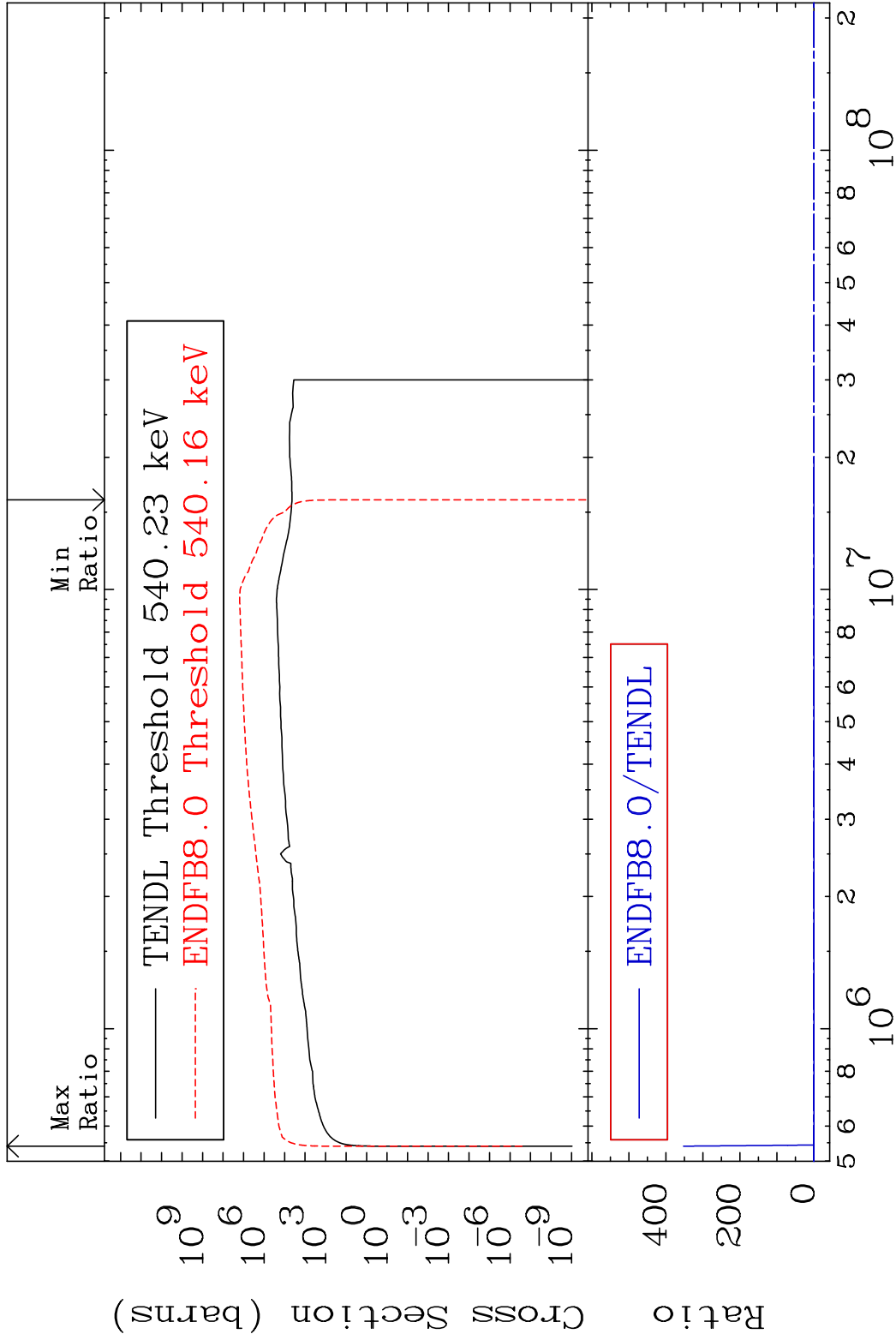




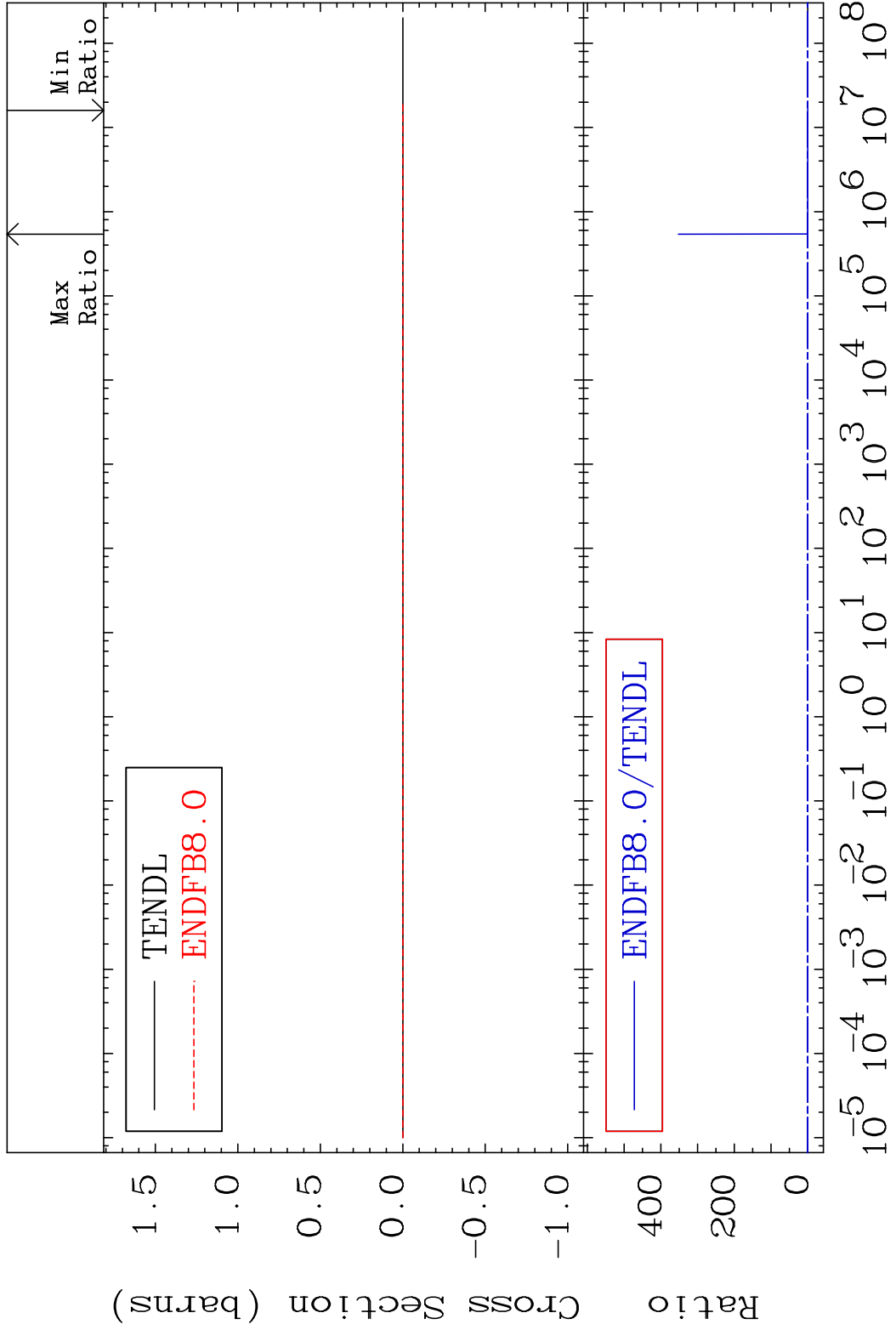
MAT 5443 Kerma non-elastic (all but mt2) 54-Xe-130  
 Cross Section 277.0 To 9999. %



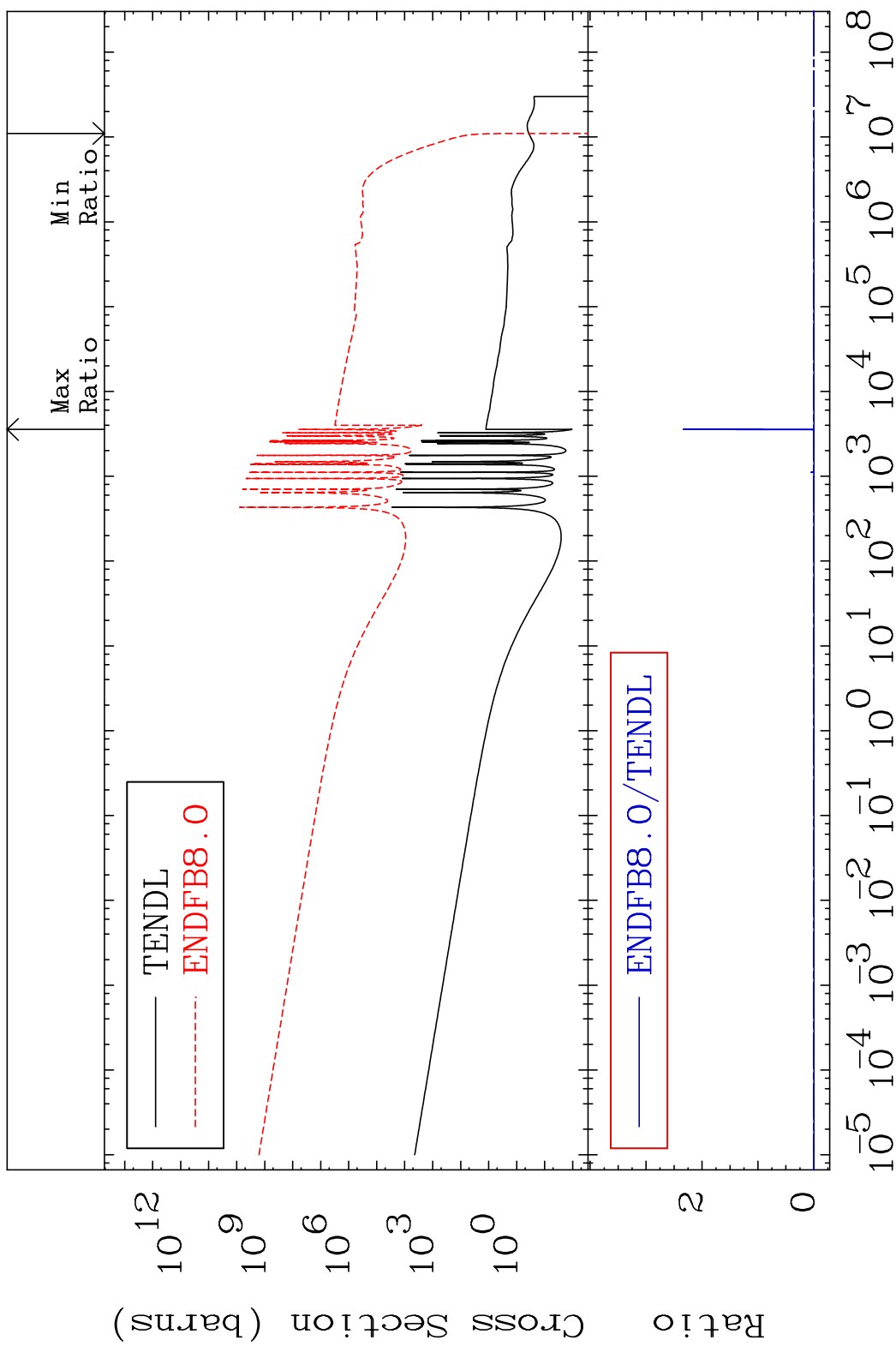
MAT 5443 Kerma inelastic (mt51-91) 54-Xe-130  
 Cross Section -100.0 To 9999. %



MAT 5443 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-130  
 Cross Section -100.0 To 9999. %

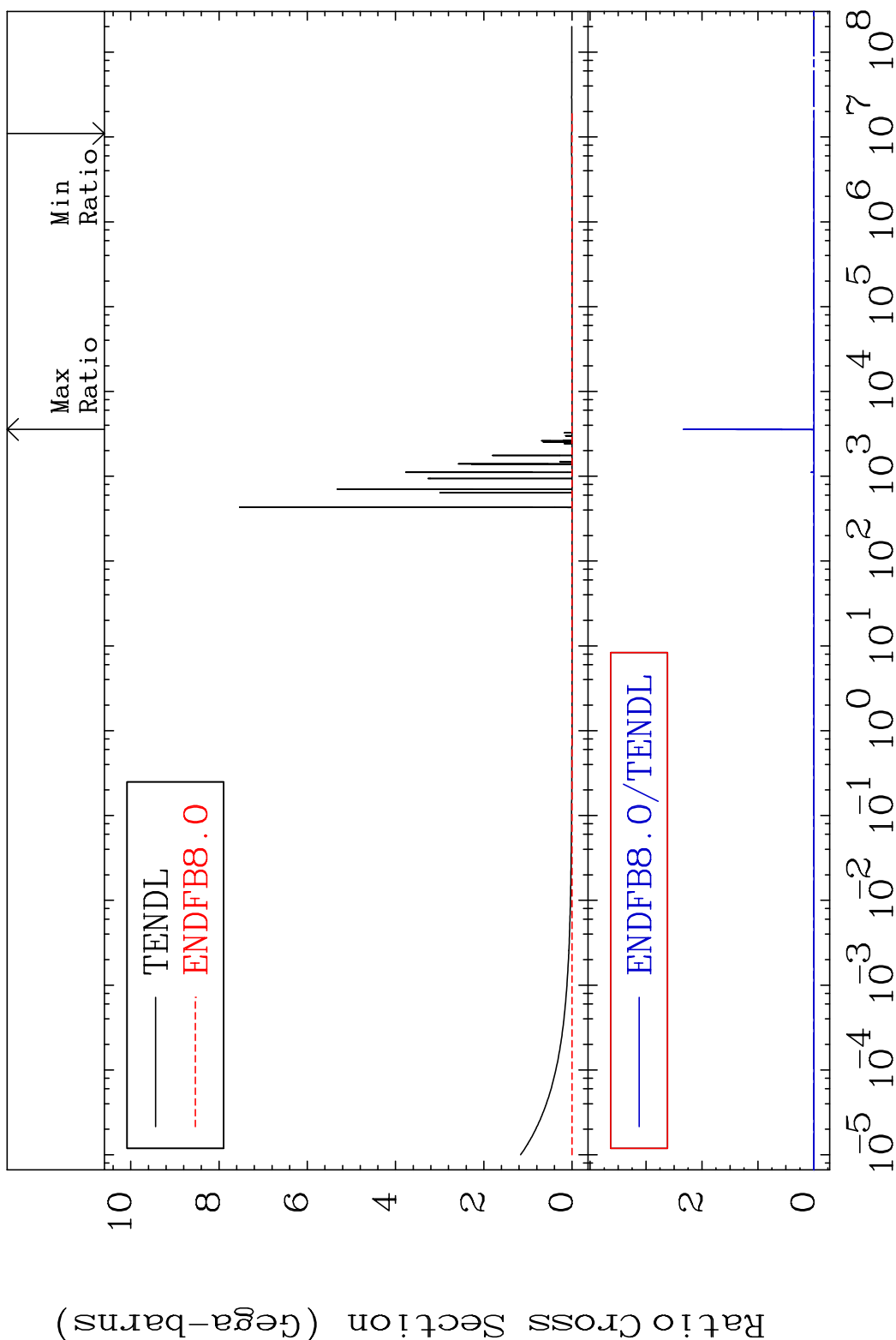


MAT 5443 Kerma capture (mt102) 54-Xe-130  
 Cross Section -100.0 To 9999. %



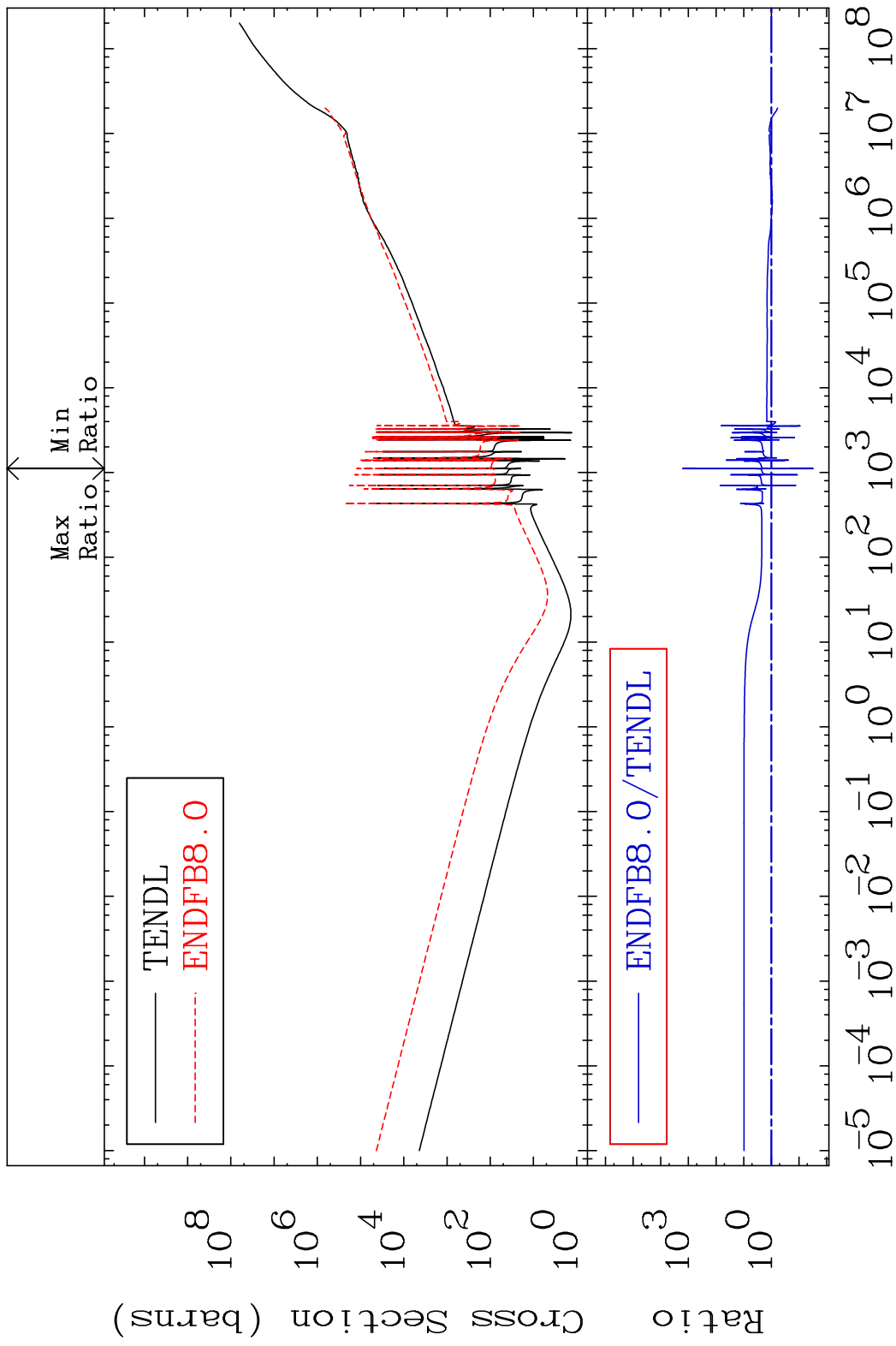
27 Incident Energy (eV) 54-Xe-130

MAT 5443 Total photon (eV-barns) 54-Xe-130  
 Cross Section -100.0 To 9999. %

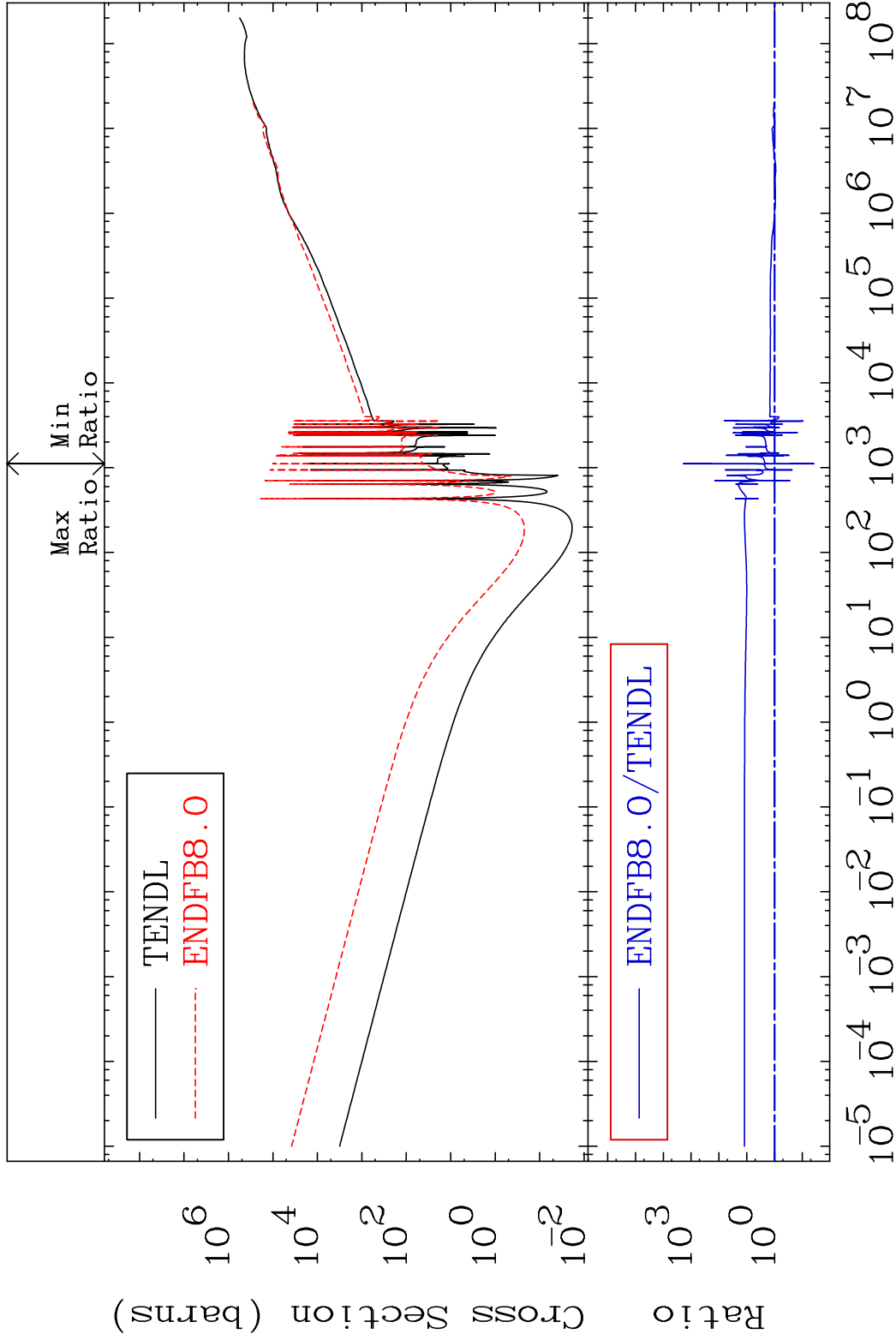


28 Incident Energy (eV) 54-Xe-130

MAT 5443 Total kinematic kerma (high limit) 54-Xe-130  
 Cross Section -96.91 To 9999. %

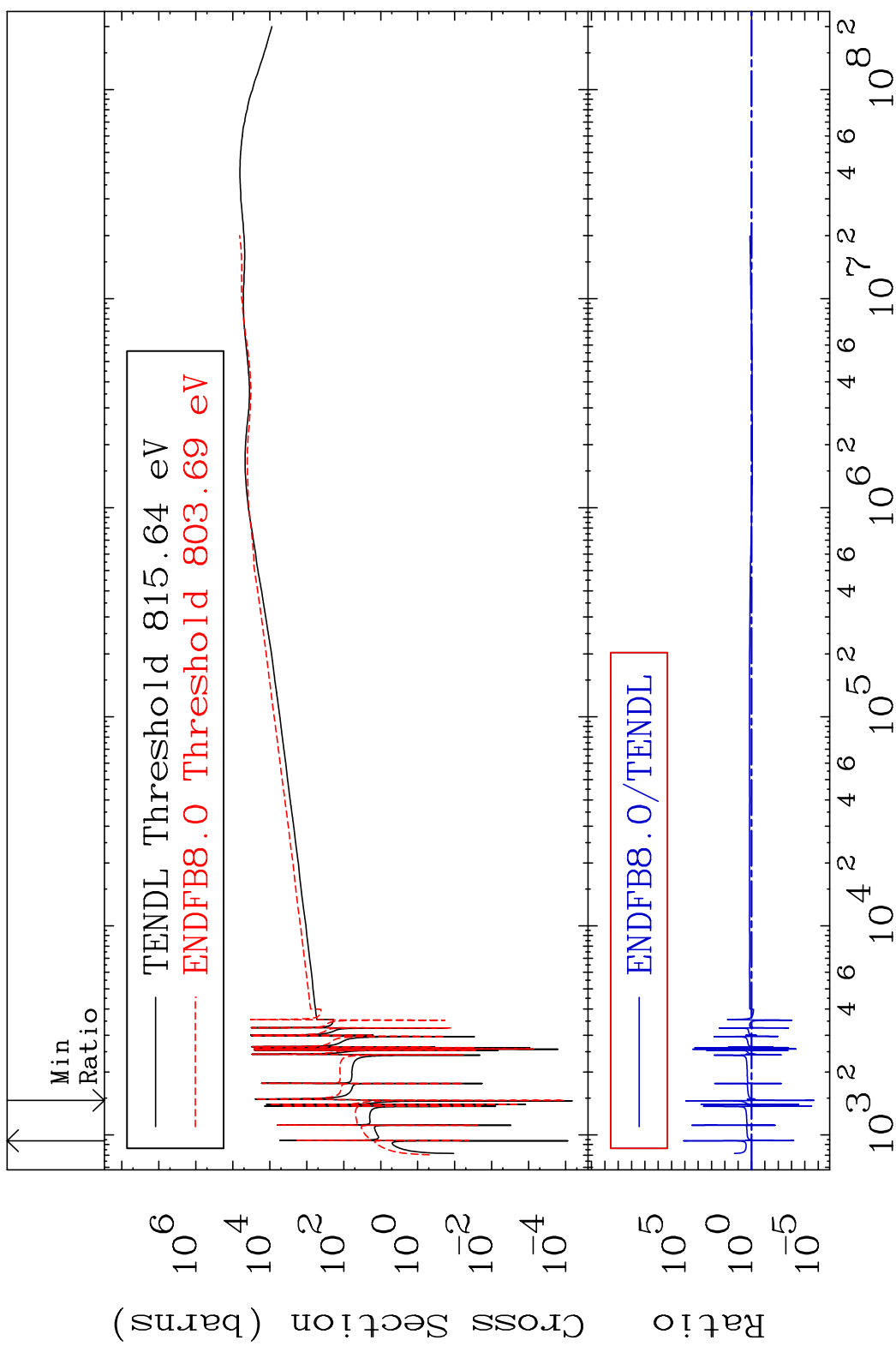


MAT 5443 Dpa total (eV-barns) 54-Xe-130  
 Cross Section -96.14 To 9999. %



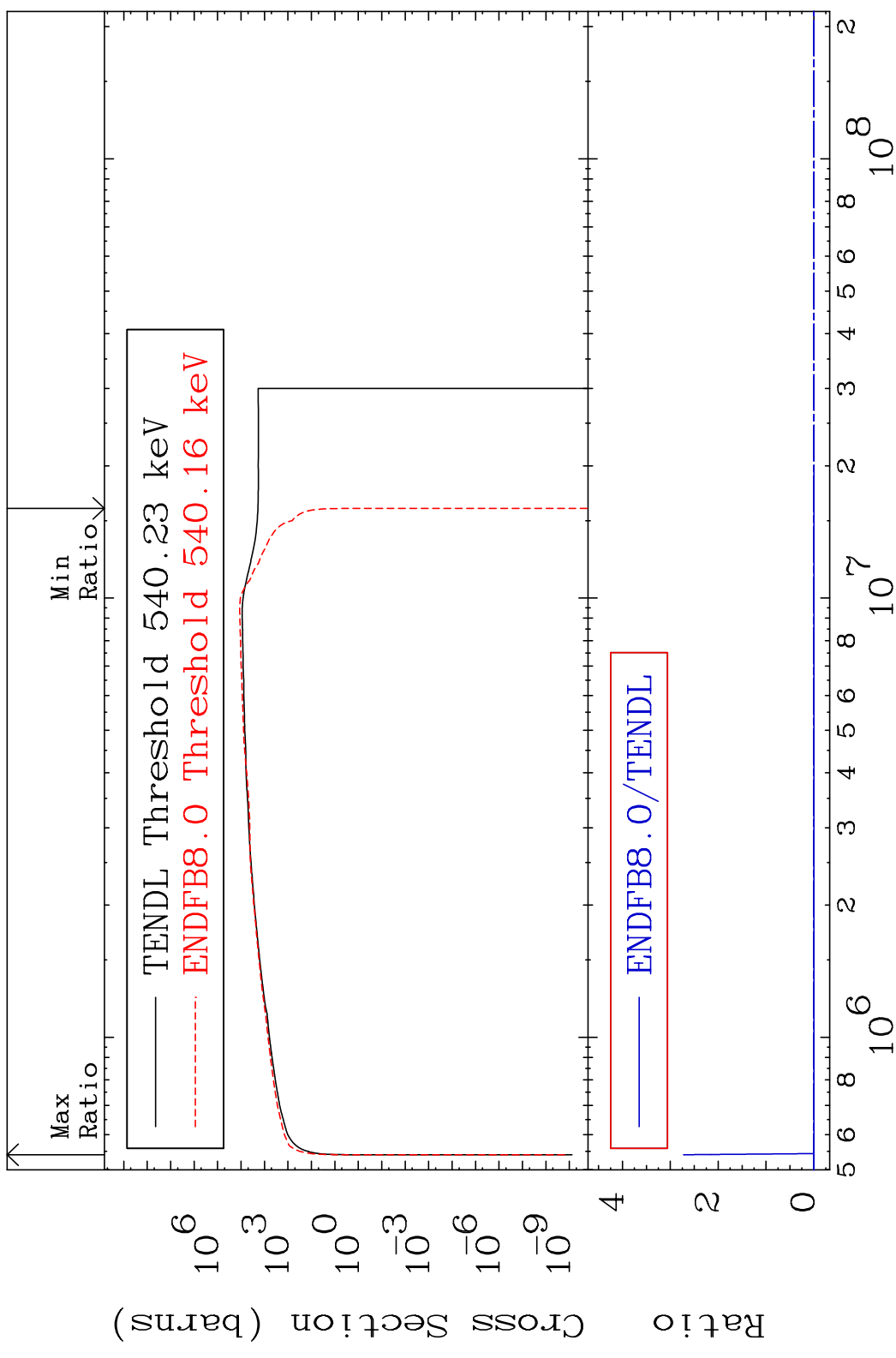
30 Incident Energy (eV) 54-Xe-130

MAT 5443      Dpa elastic (mt2)      54-Xe-130  
 Cross Section      -100.0 To 9999. %





MAT 5443 Dpa inelastic (mt51-91) 54-Xe-130  
 Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 54-Xe-130

MAT 5443 Dpa disappearance (mt102 -120) 54-Xe-130  
 Cross Section -99.20 To 9999. %

