

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

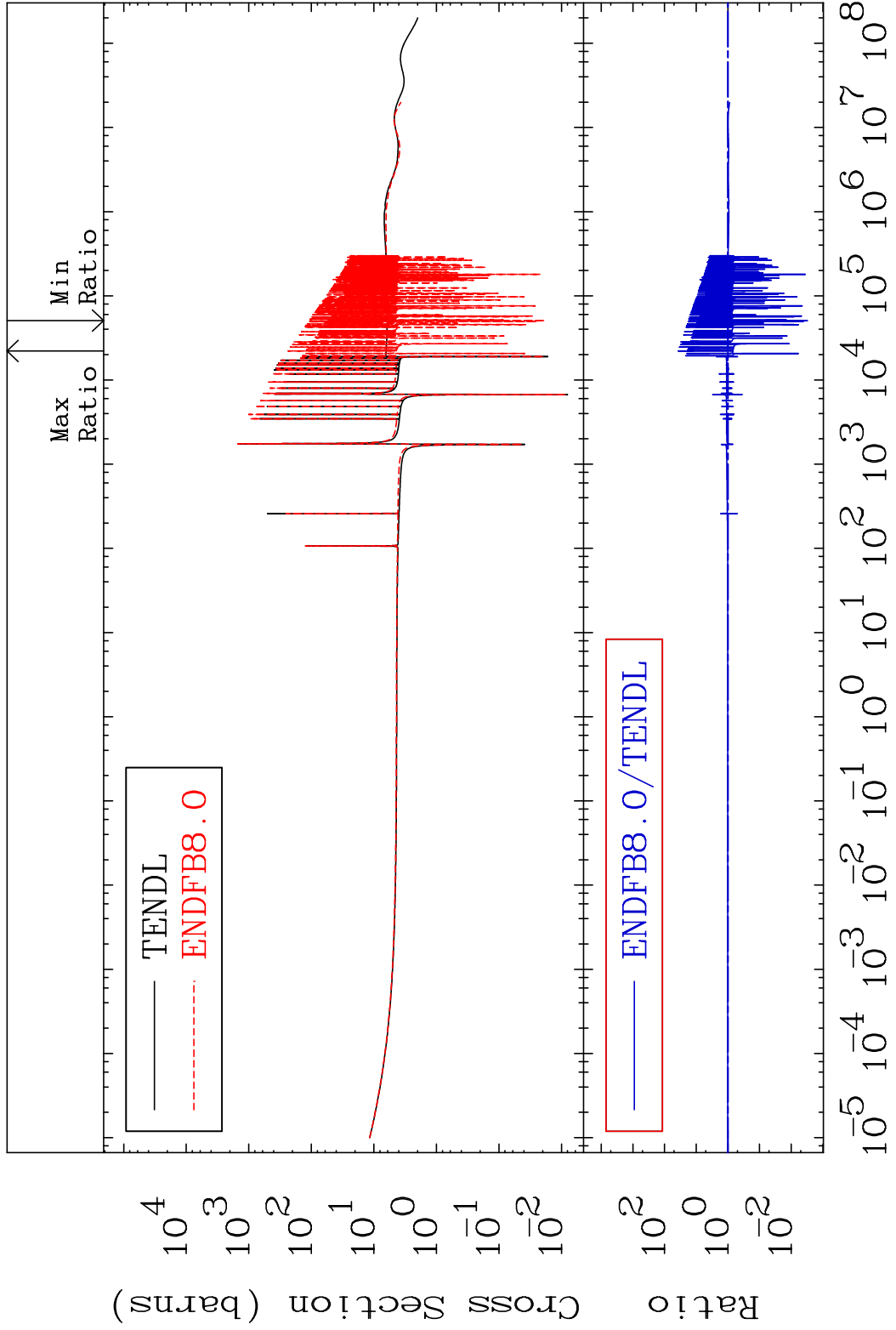
U.S.A.

Tele: 925-443-1911

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

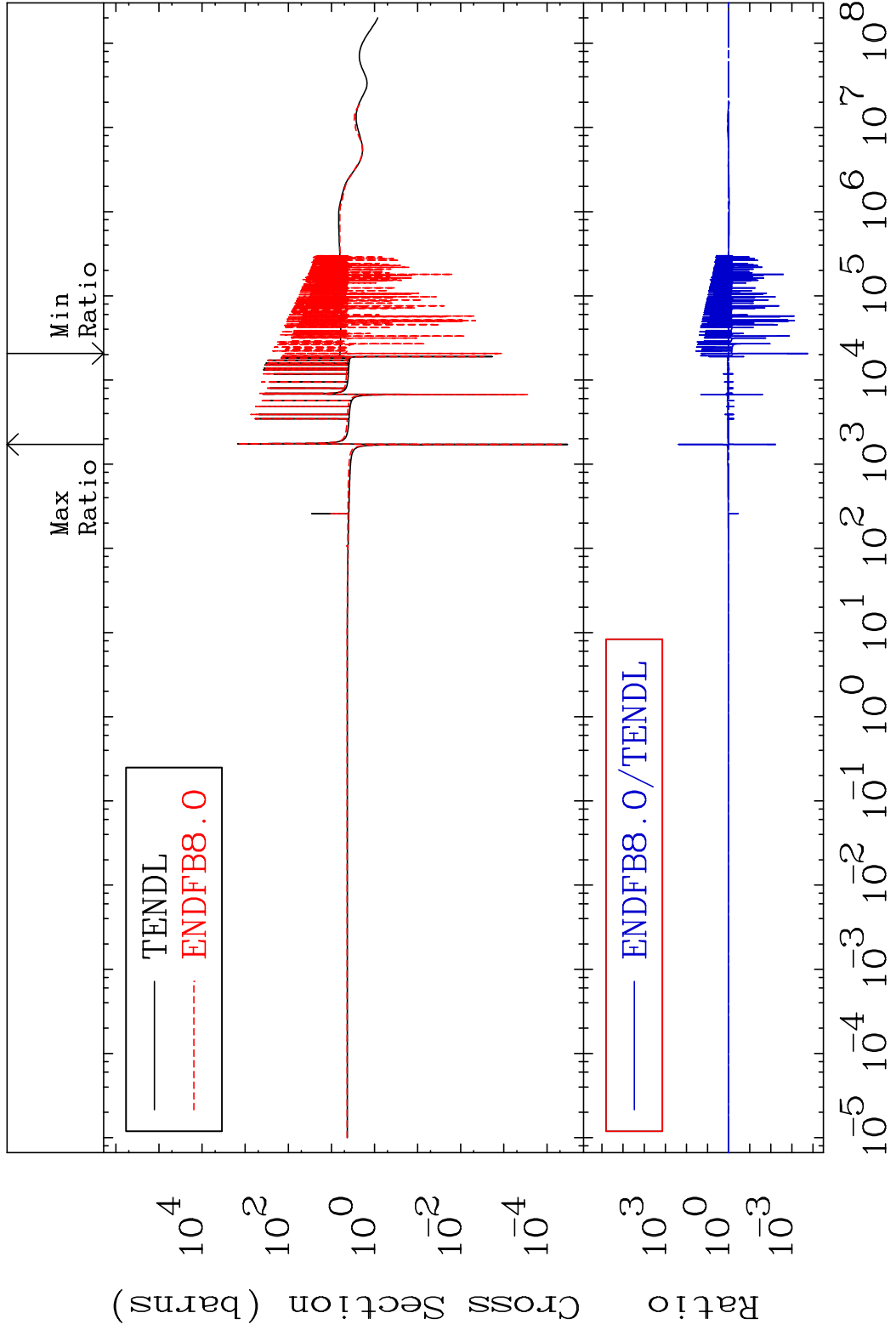
Press Mouse Button to Start

MAT 5055                      Total                      50-Sn-122  
 Cross Section                      -99.70 To 3594. %

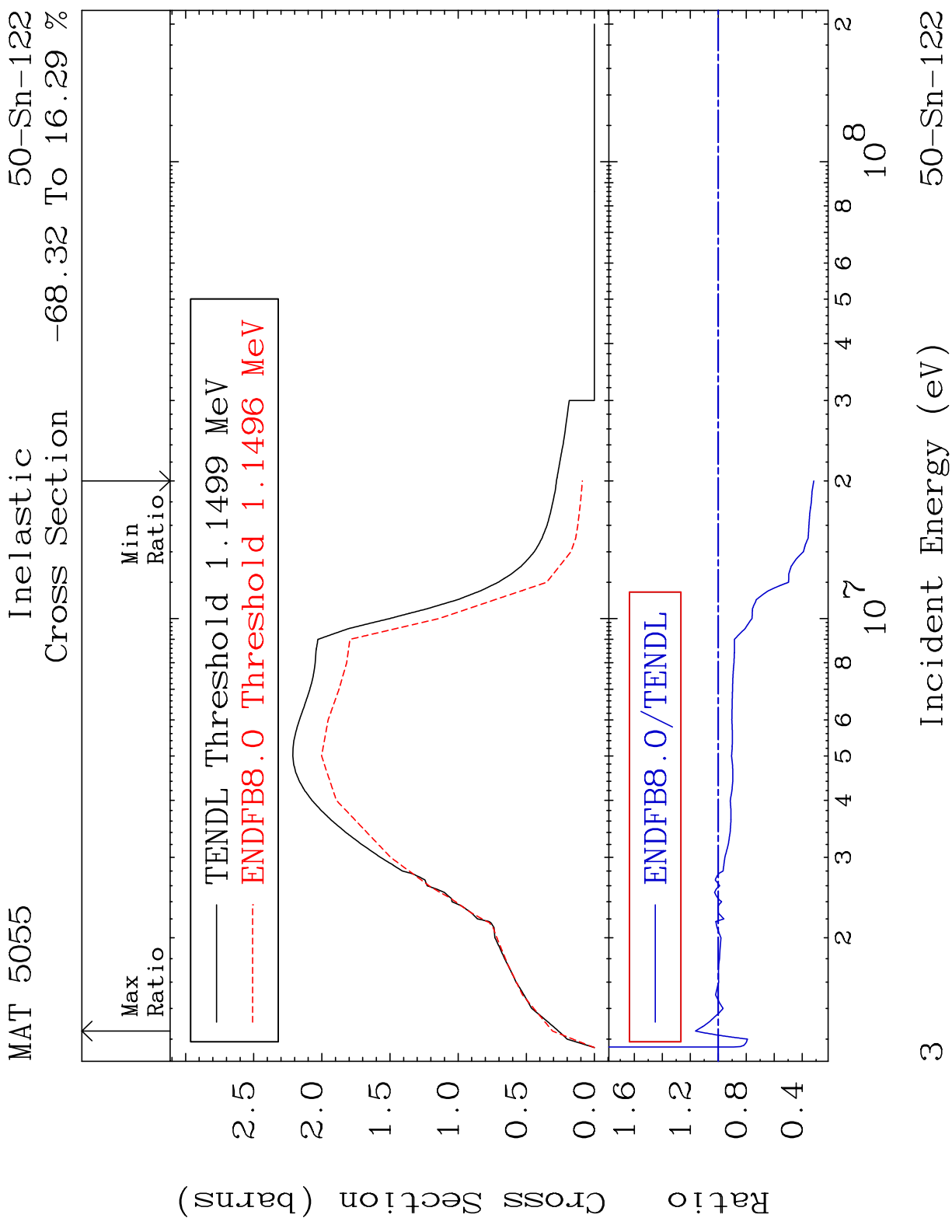


1                      Incident Energy (eV)                      50-Sn-122

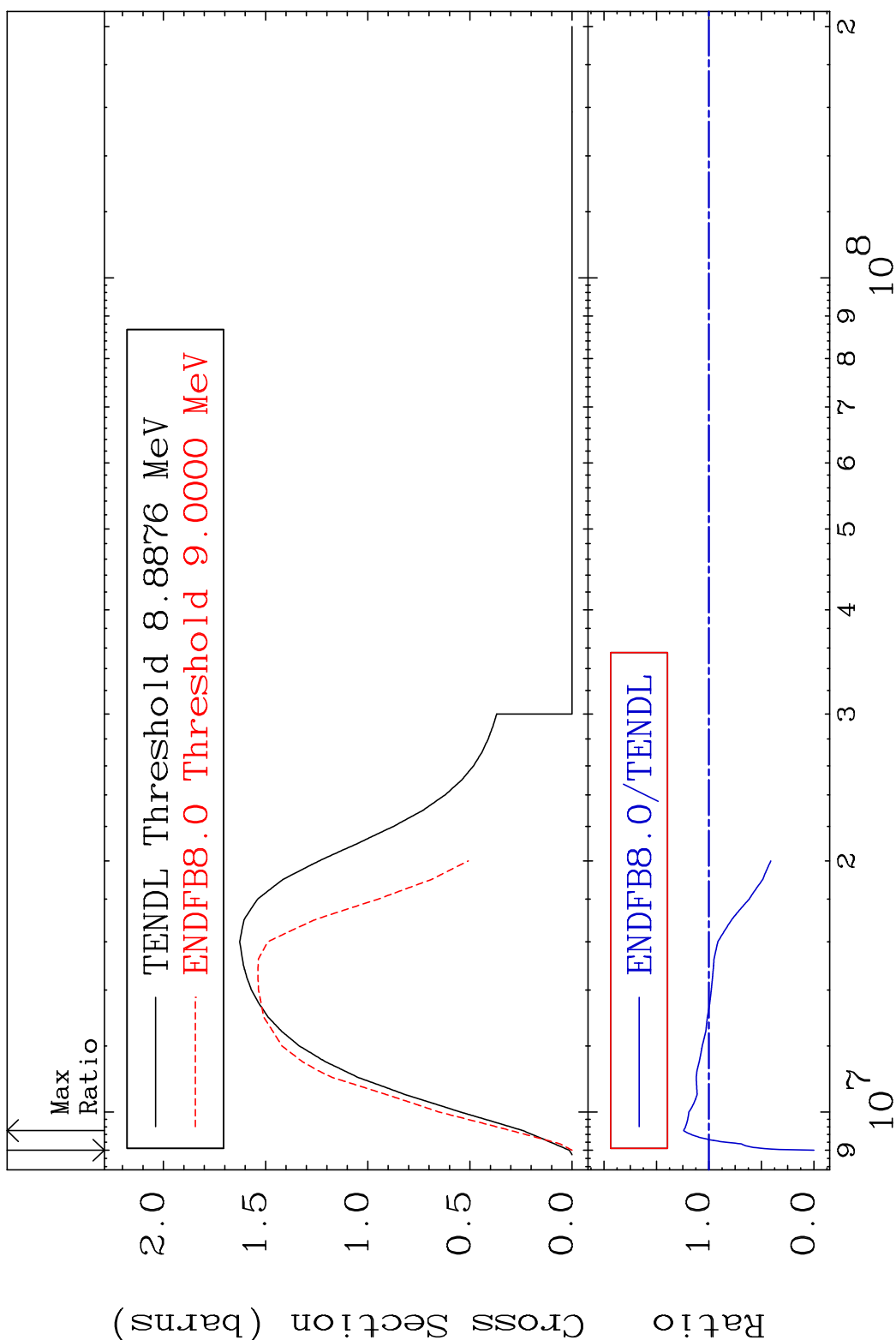
MAT 5055 Elastic Cross Section 50-Sn-122  
 -99.98 To 9999. %



2 Incident Energy (eV) 50-Sn-122

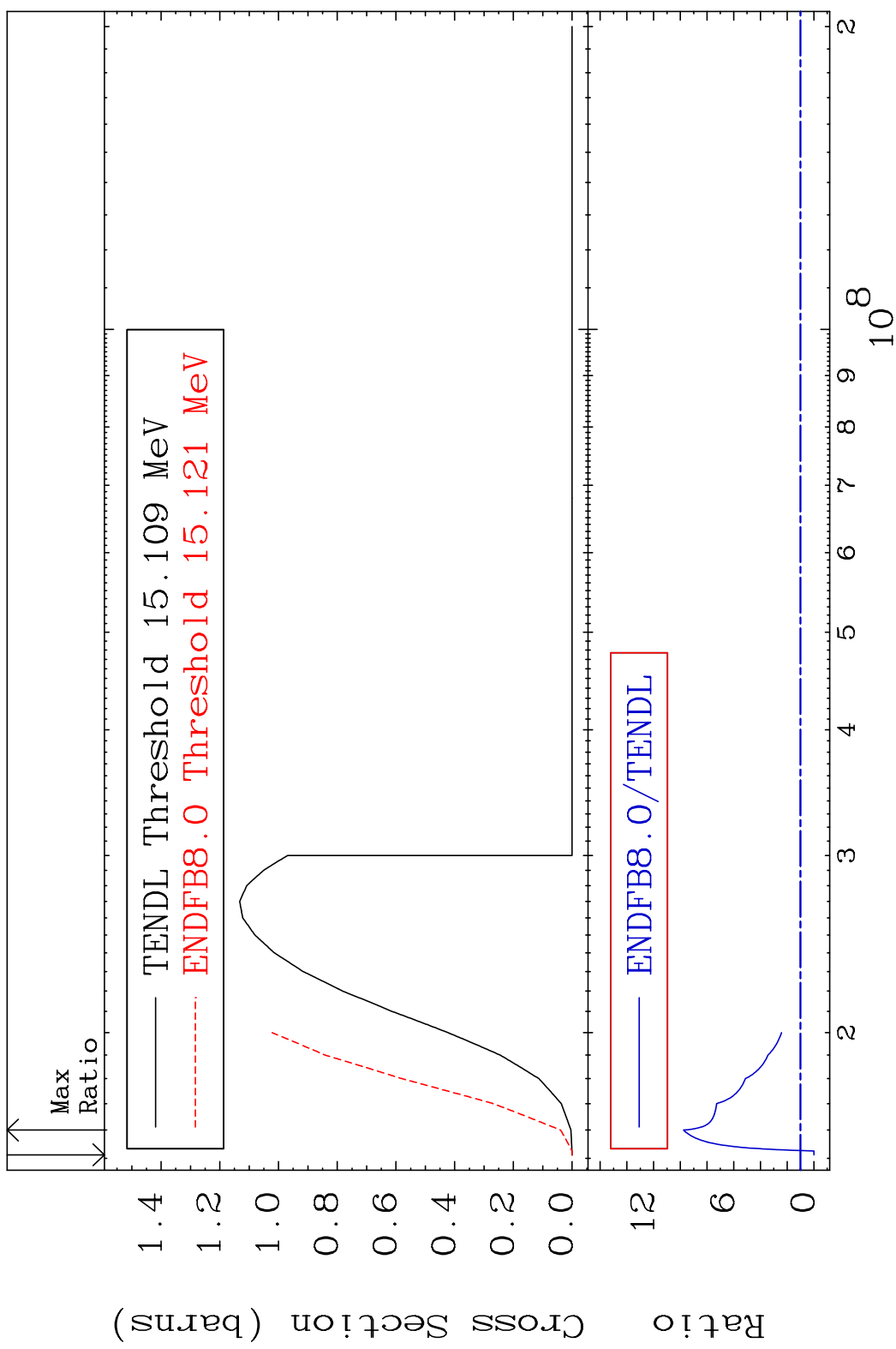


MAT 5055 (n,2n) 50-Sn-122  
 Cross Section -100.0 To 24.28 %



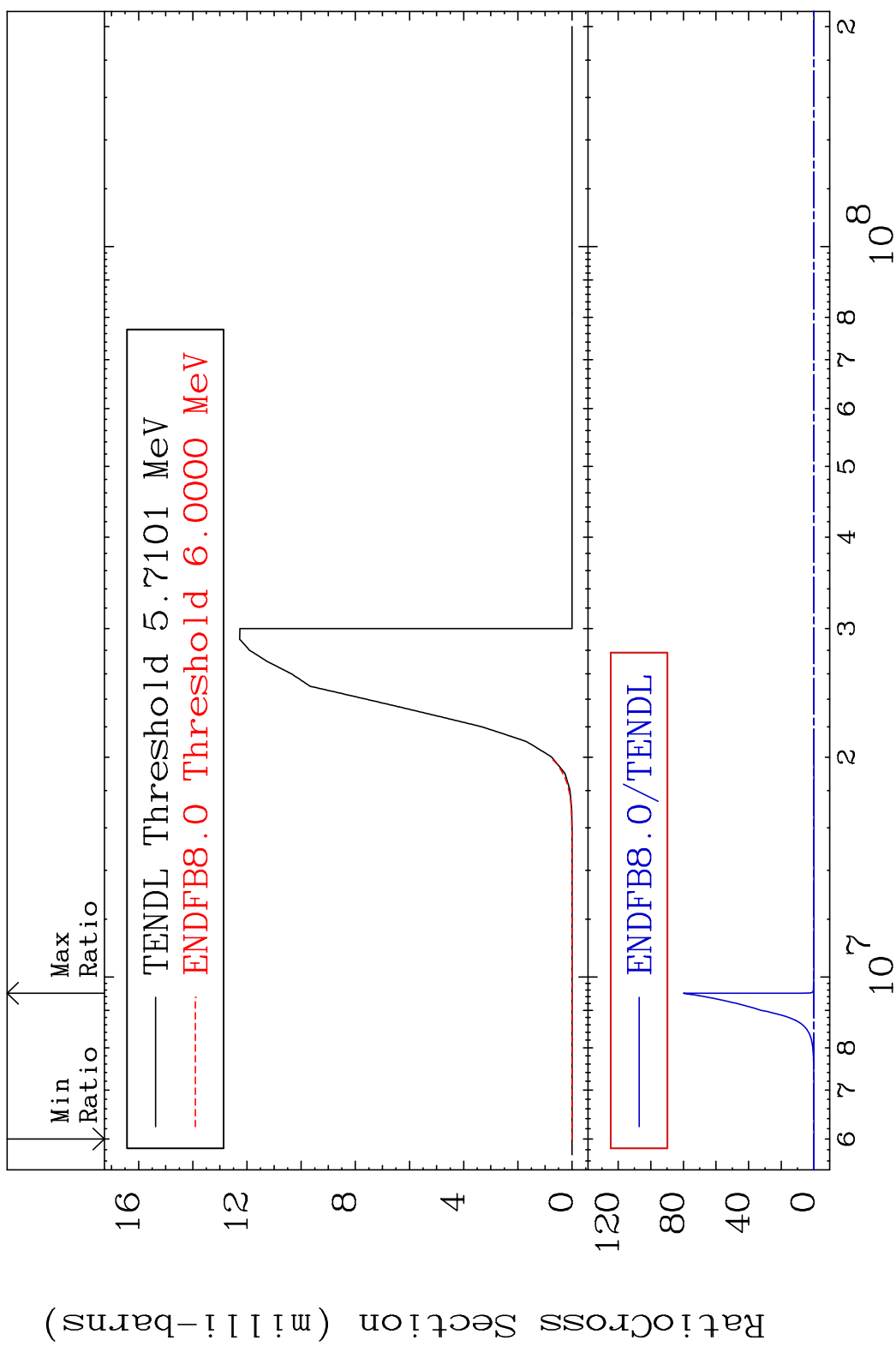
4 Incident Energy (eV) 50-Sn-122

MAT 5055 (n,3n) 50-Sn-122  
 Cross Section -100.0 To 876.4 %

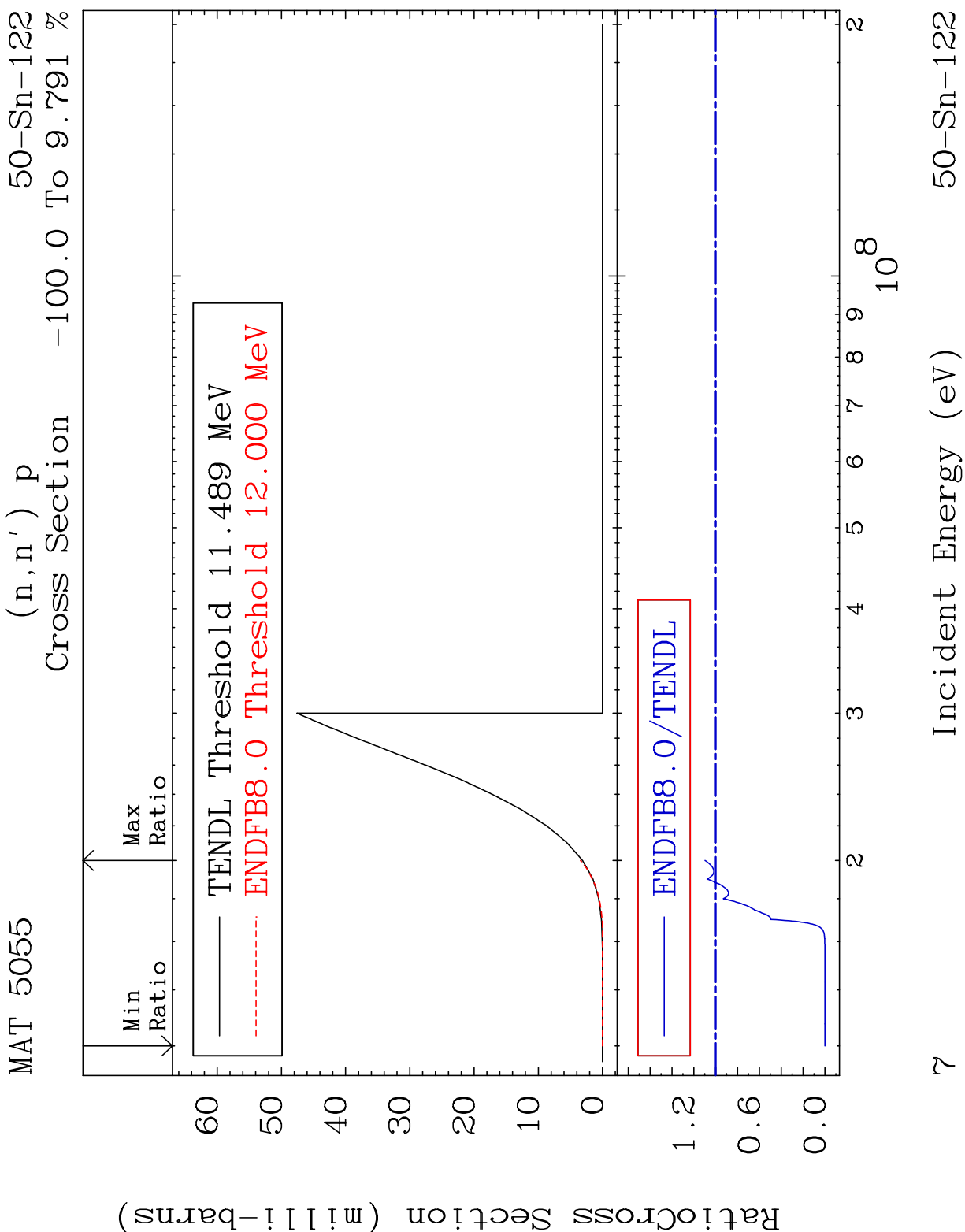


5 Incident Energy (eV) 50-Sn-122

MAT 5055 (n, n')  $\alpha$  50-Sn-122  
 Cross Section -100.0 To 9999. %

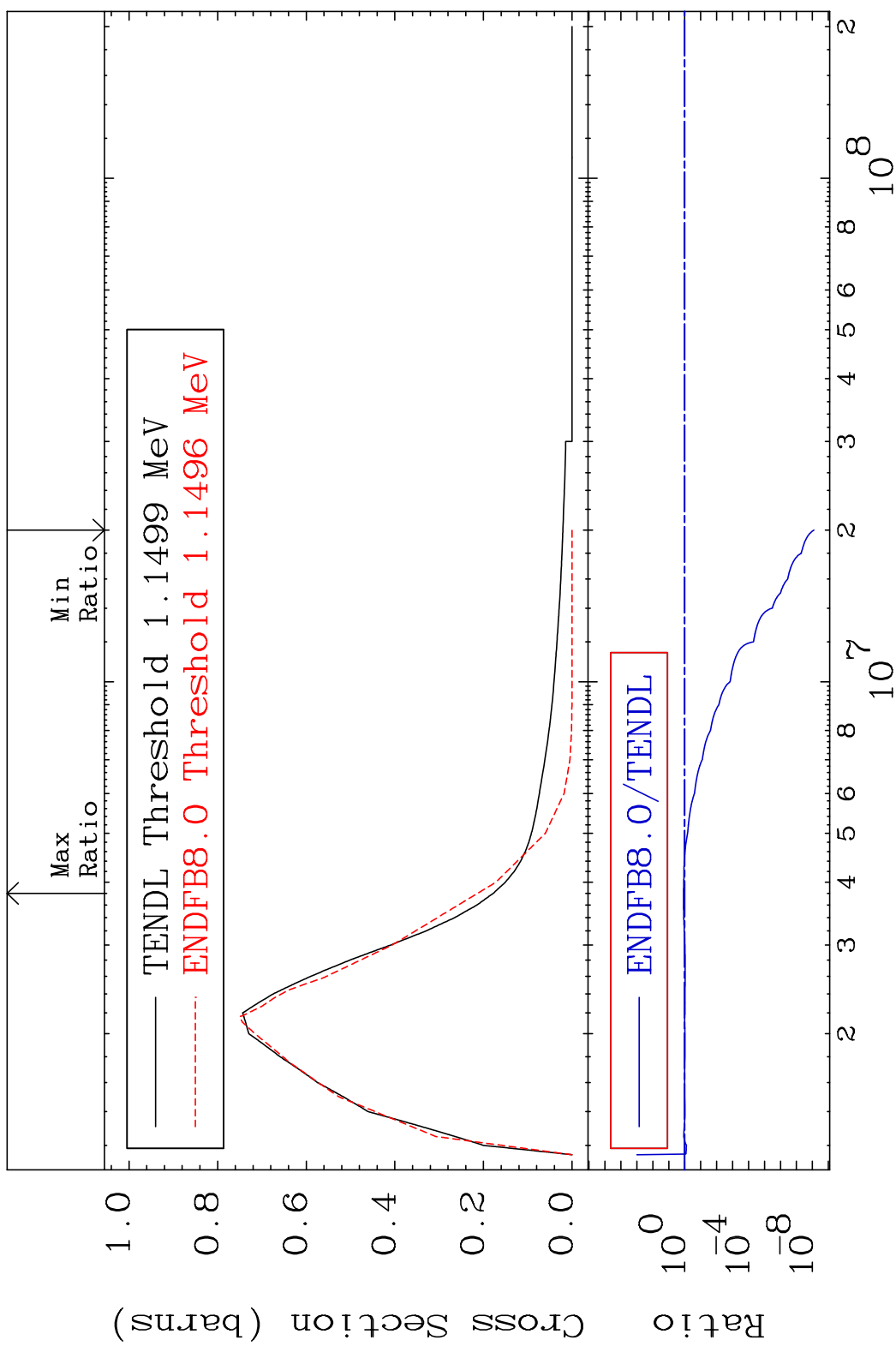


6 Incident Energy (eV) 50-Sn-122

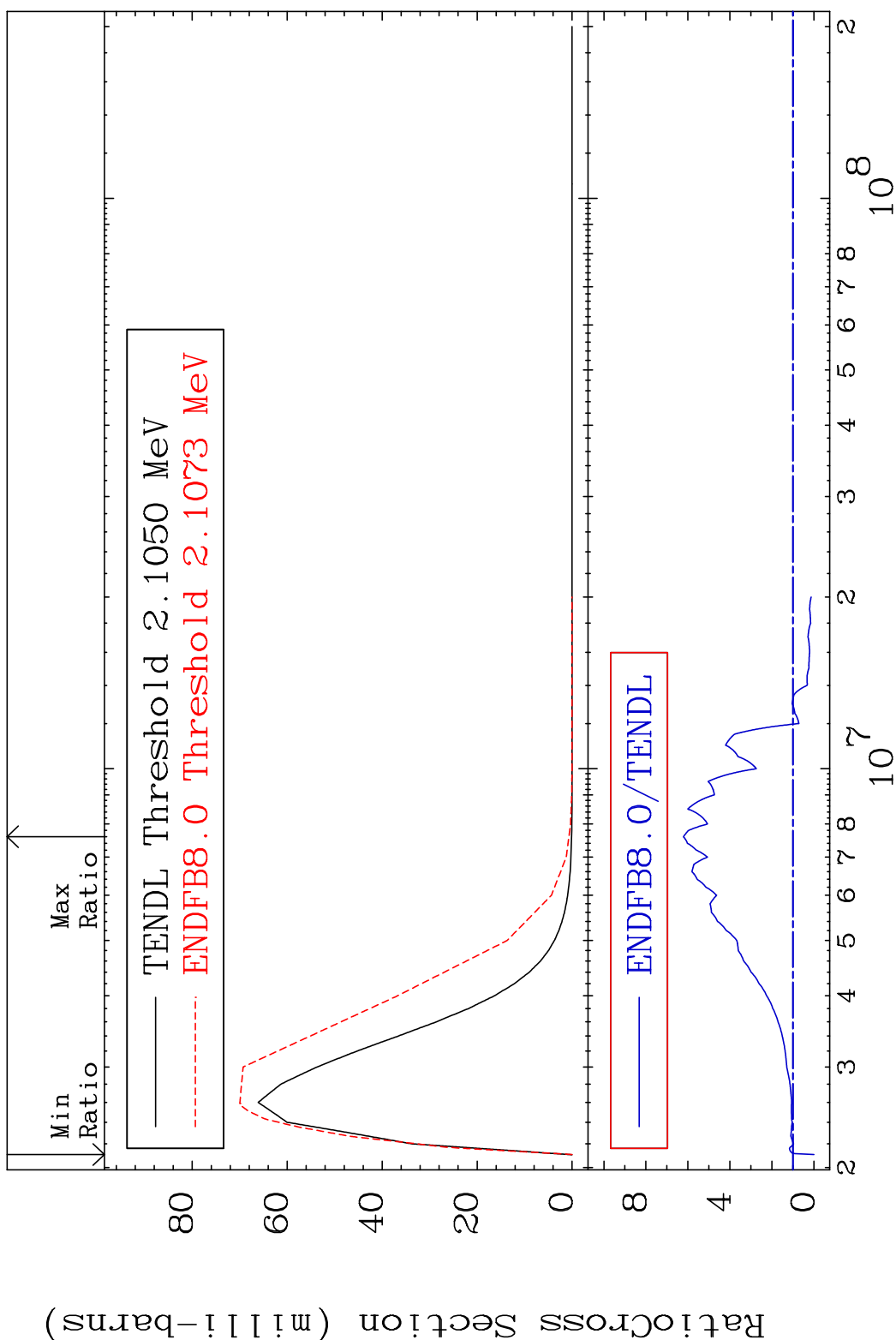




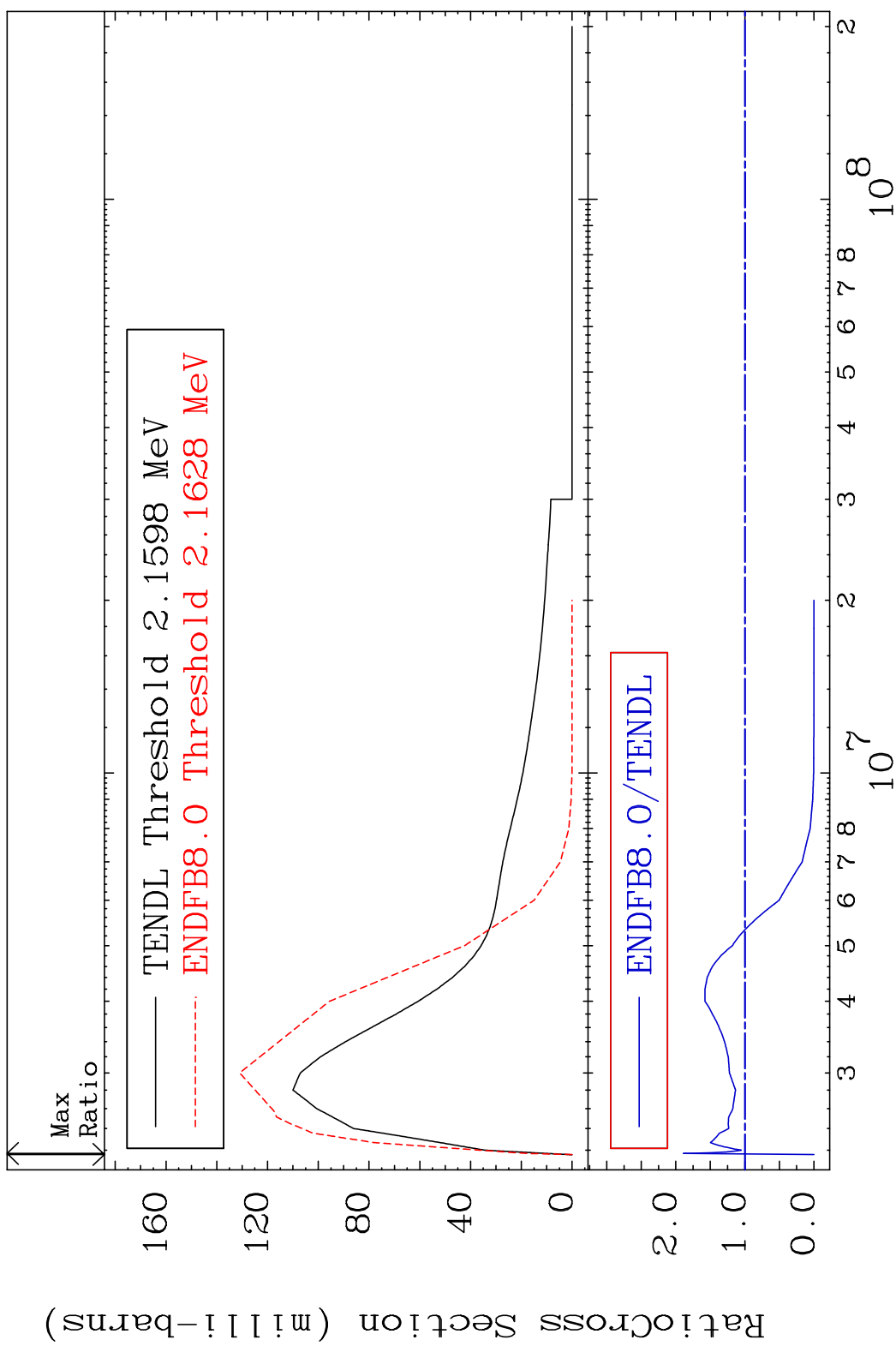
MAT 5055 MT= 51 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 20.00 %



MAT 5055 MT= 52 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 521.1 %

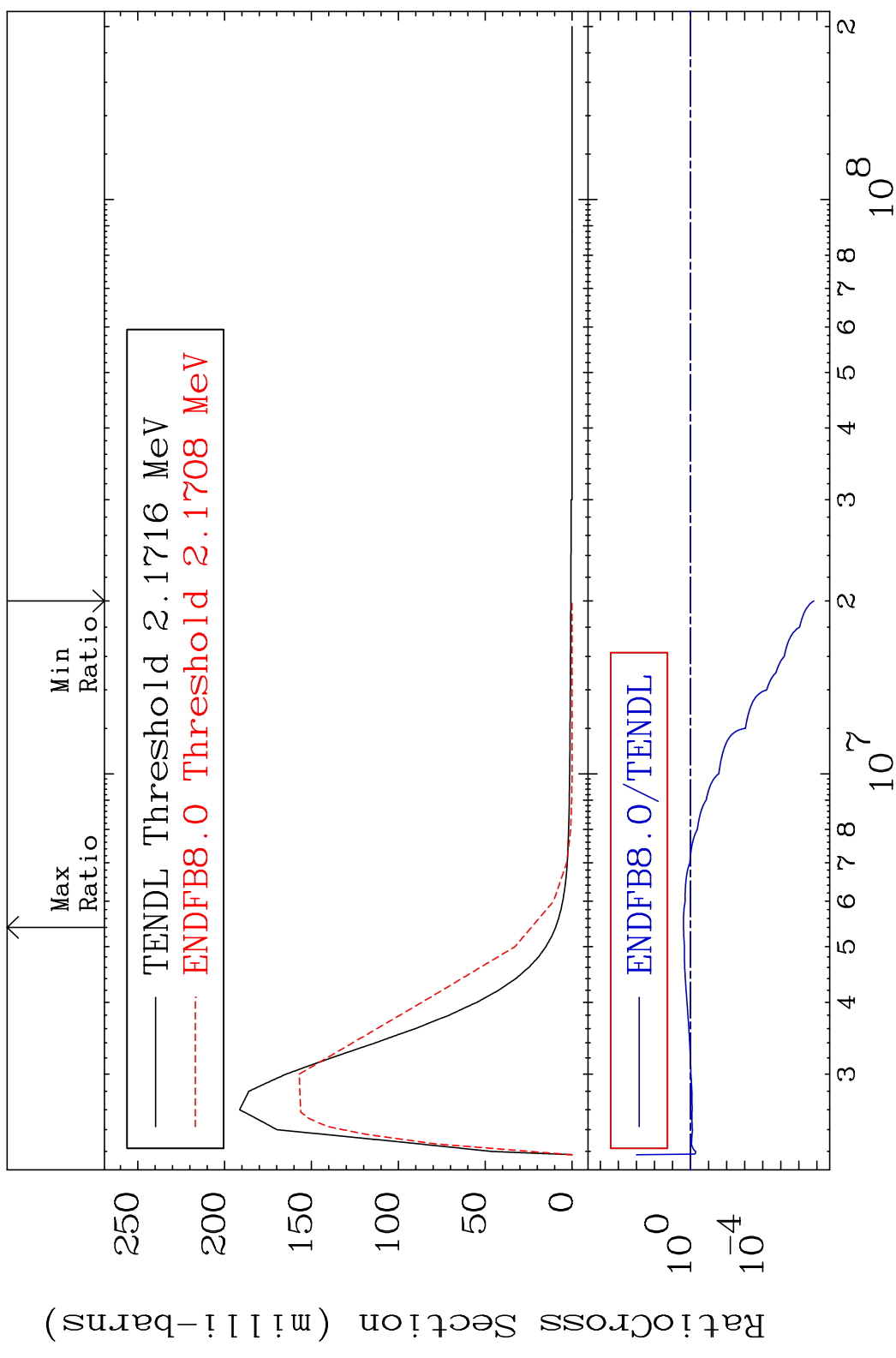


MAT 5055 MT= 53 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 88.91 %



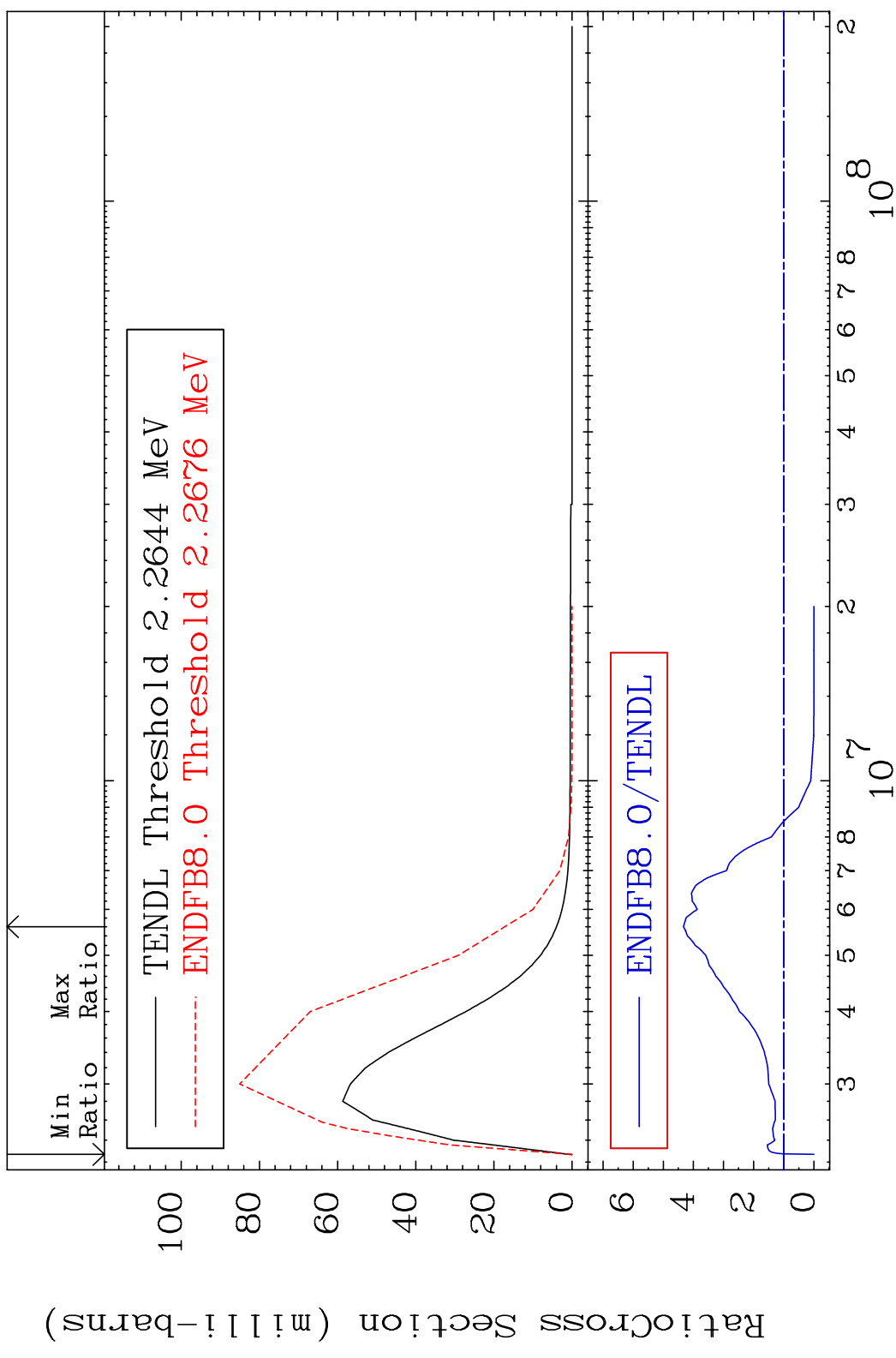
10 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 54 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 146.6 %



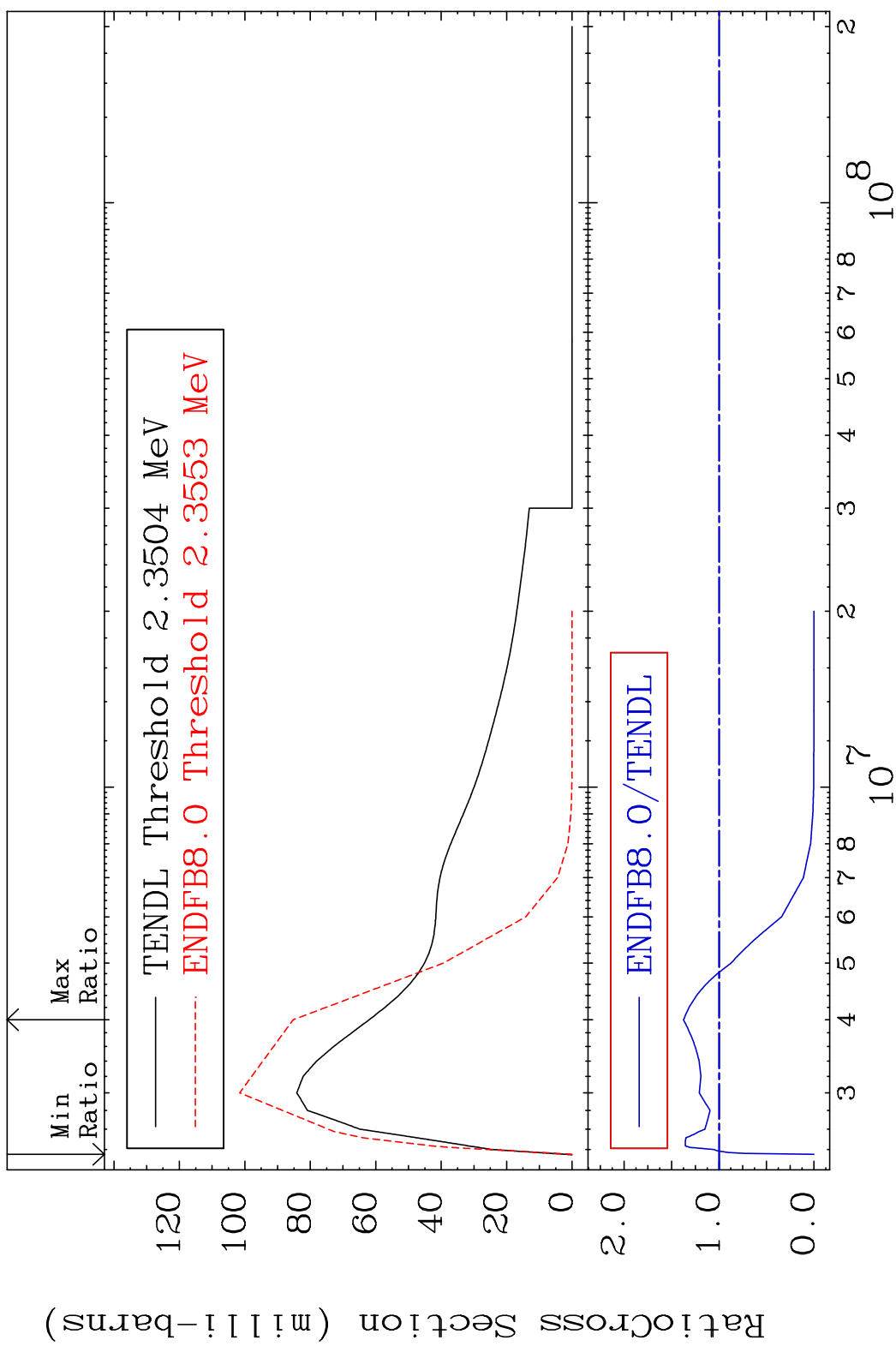
11 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 55 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 333.0 %



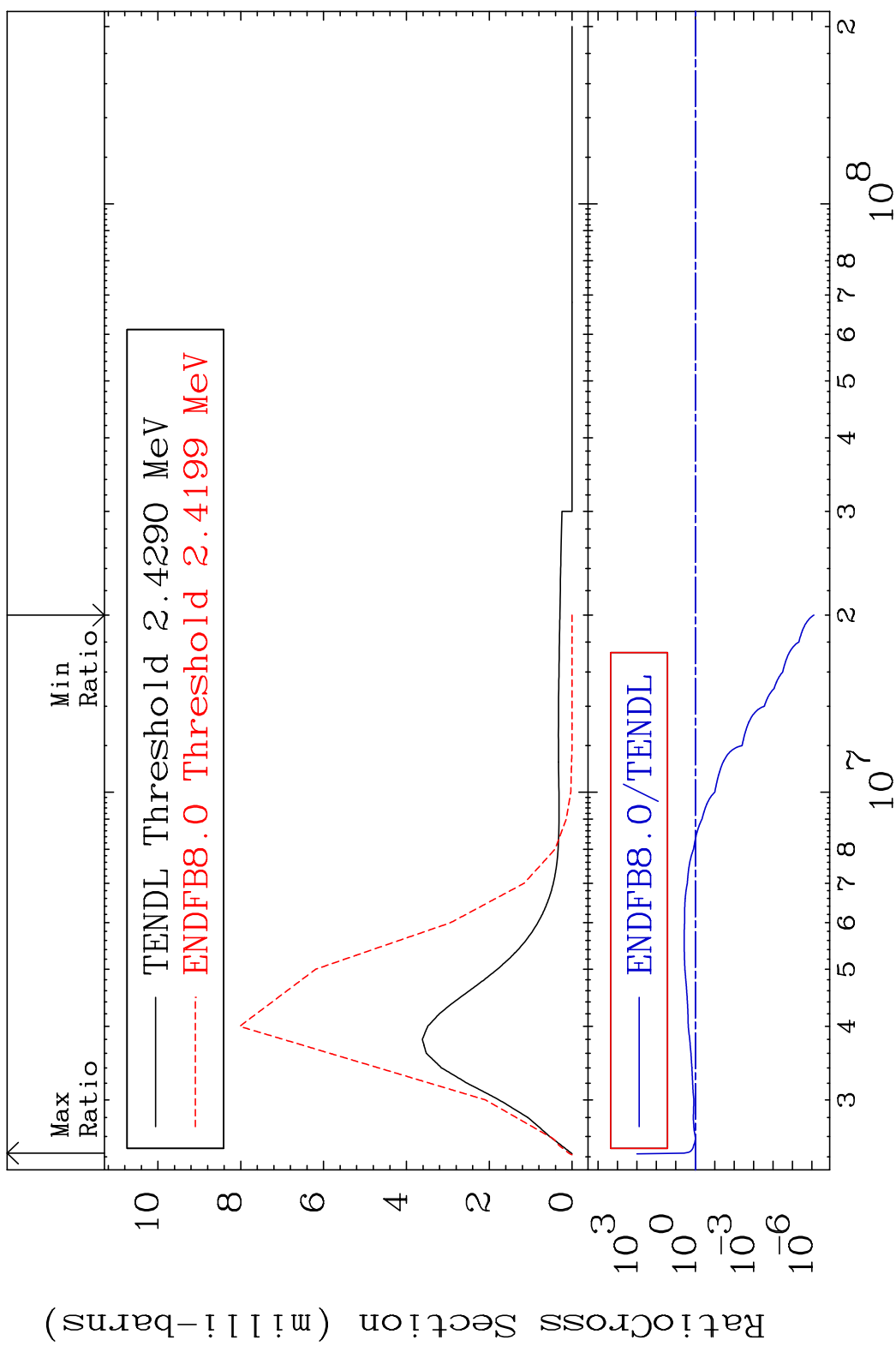
12 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 56 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 37.50 %



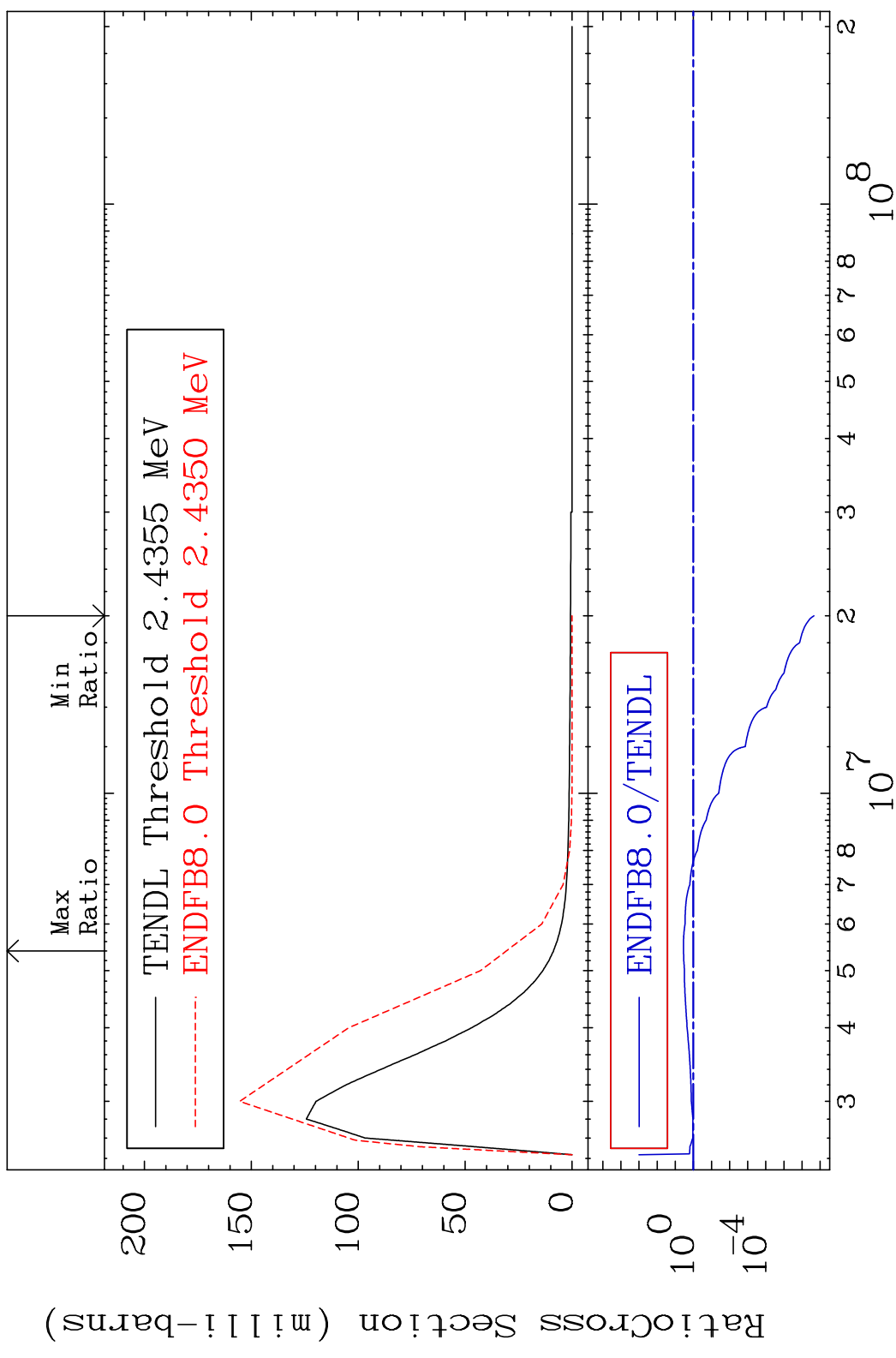
13 Incident Energy (eV) 50-Sn-122

MAT 5055 MT= 57 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 304.9 %



14 Incident Energy (eV) 50-Sn-122

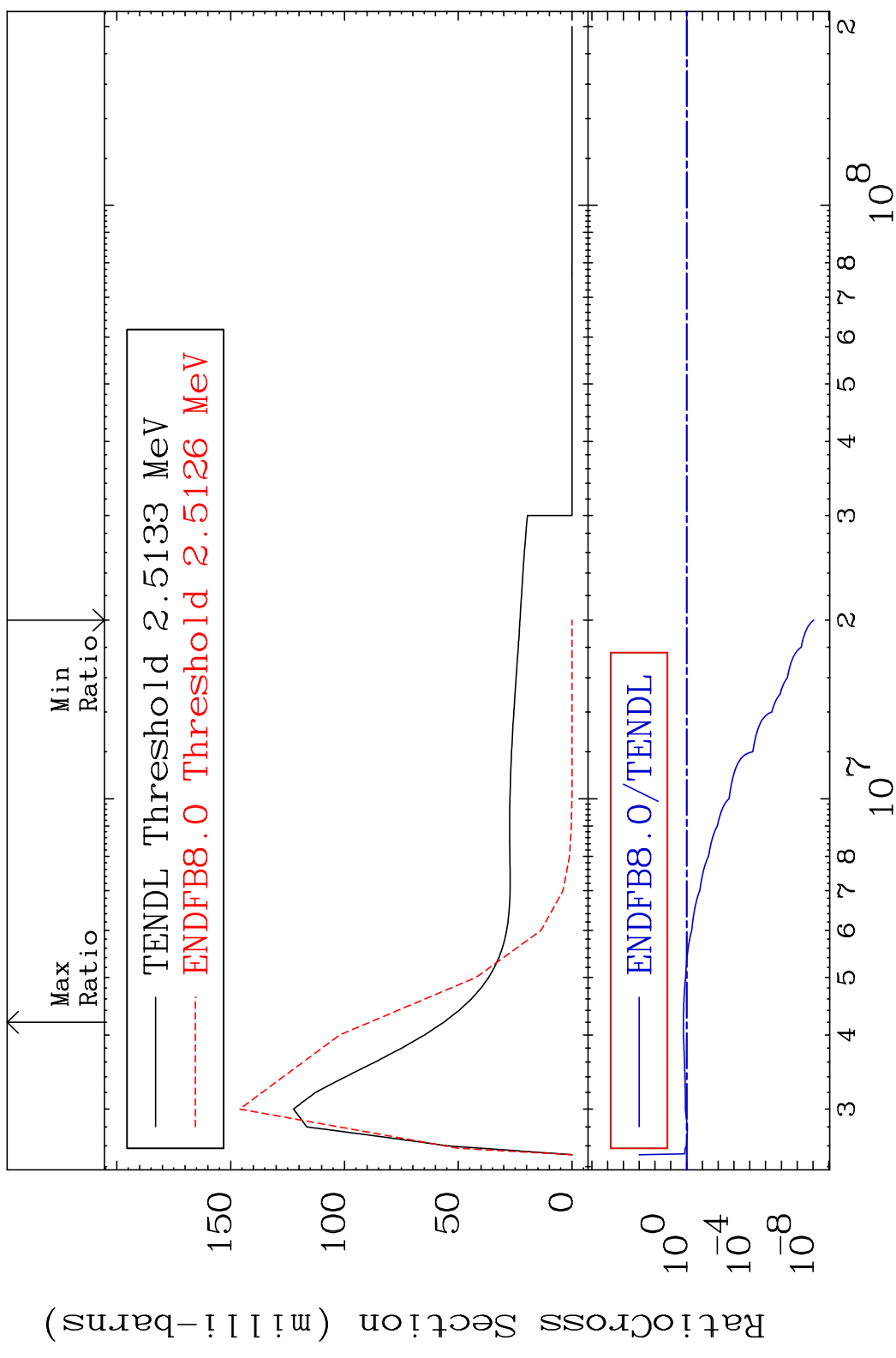
MAT 5055 MT= 58 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 253.2 %



15 Incident Energy (eV) 50-Sn-122

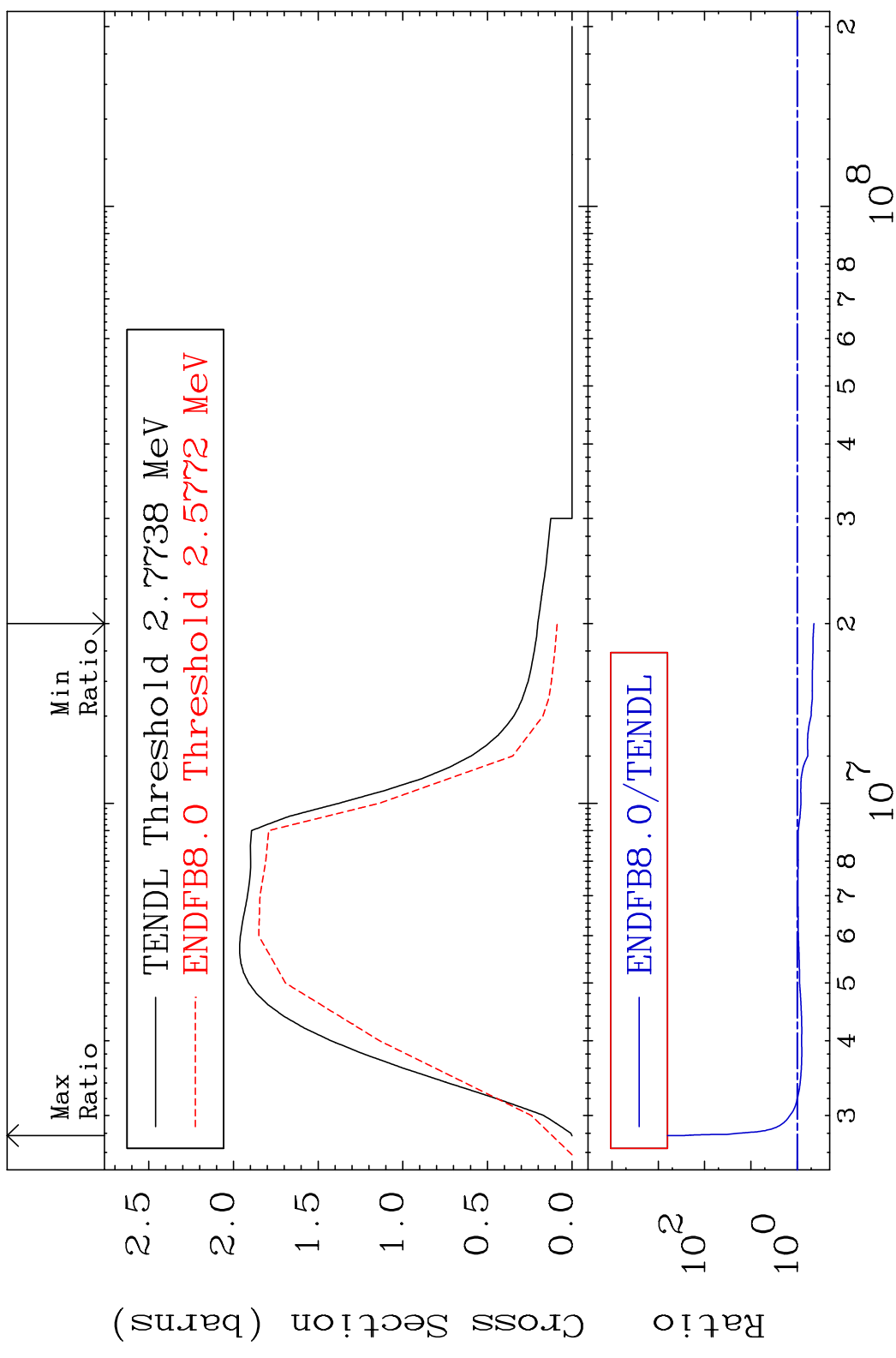


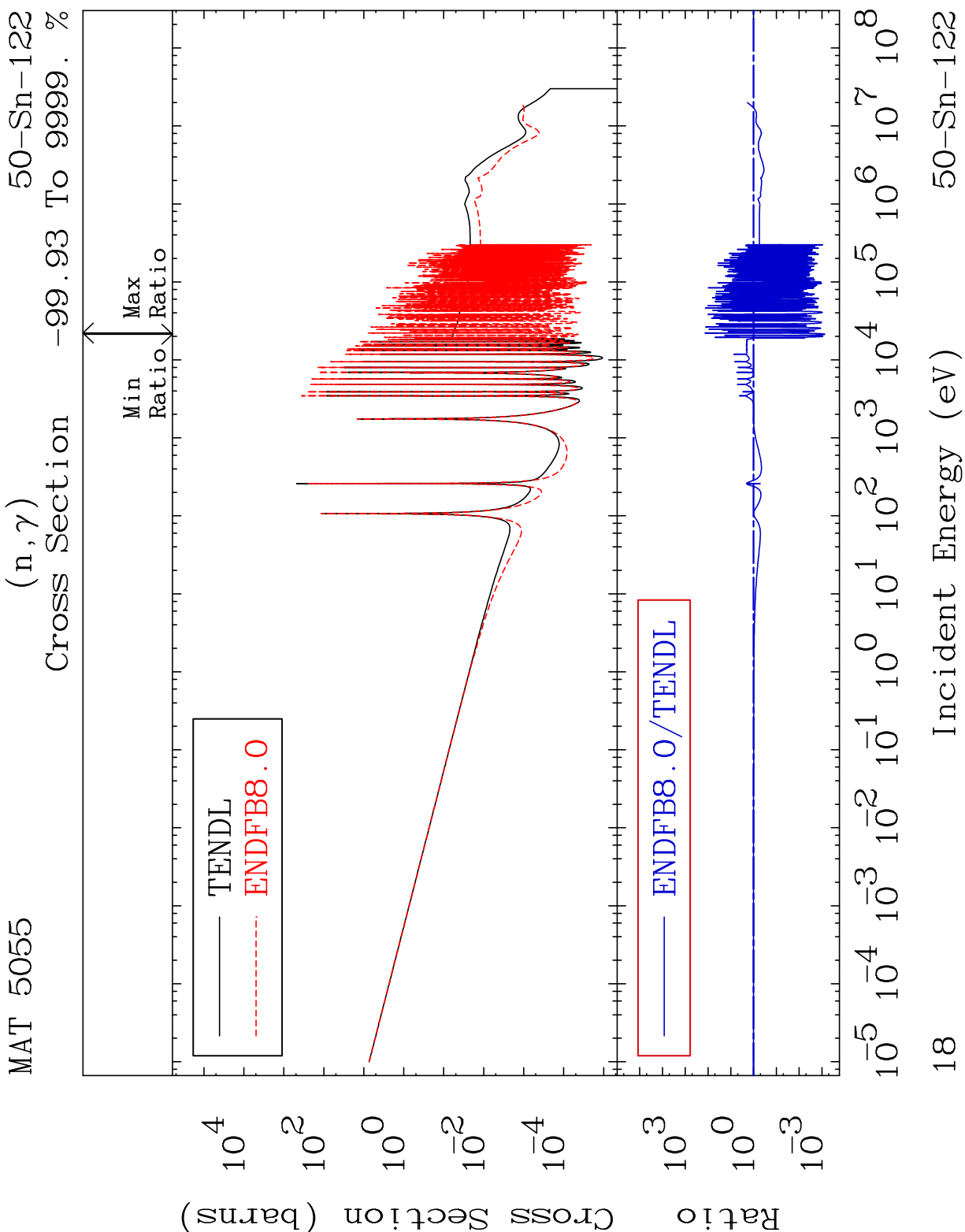
MAT 5055 MT= 59 (n, n') Level 50-Sn-122  
 Cross Section -100.0 To 57.73 %

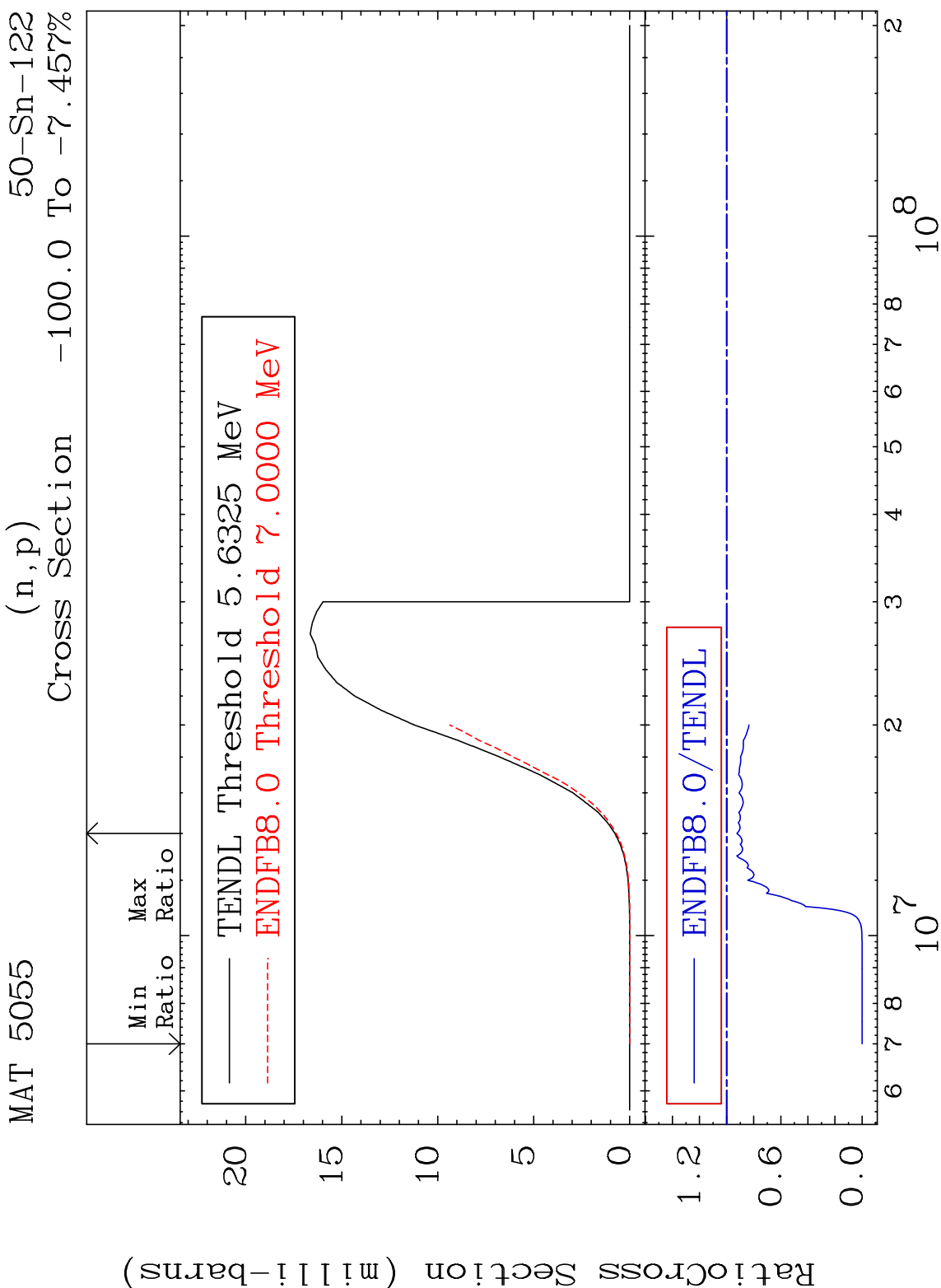


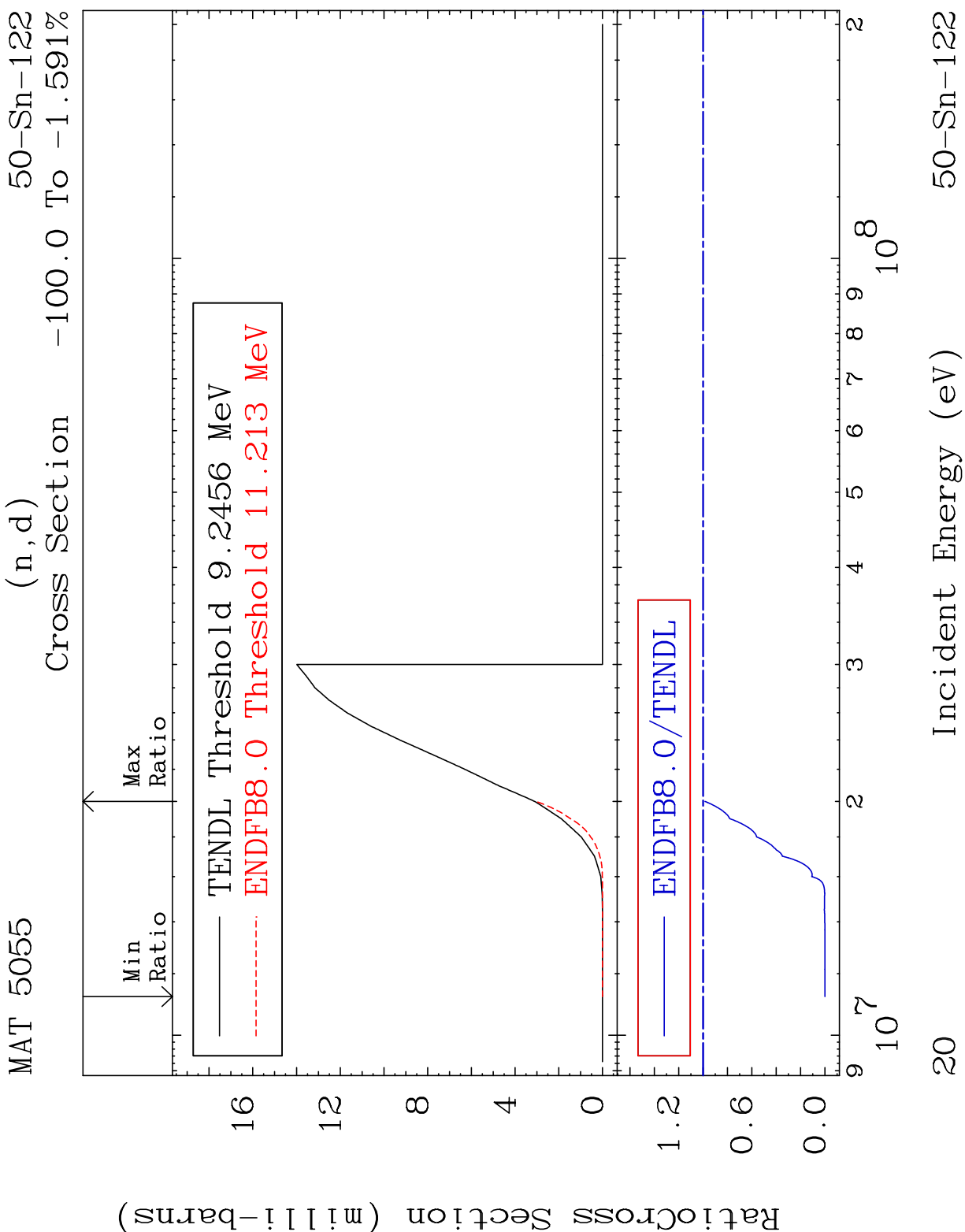
16 Incident Energy (eV) 50-Sn-122

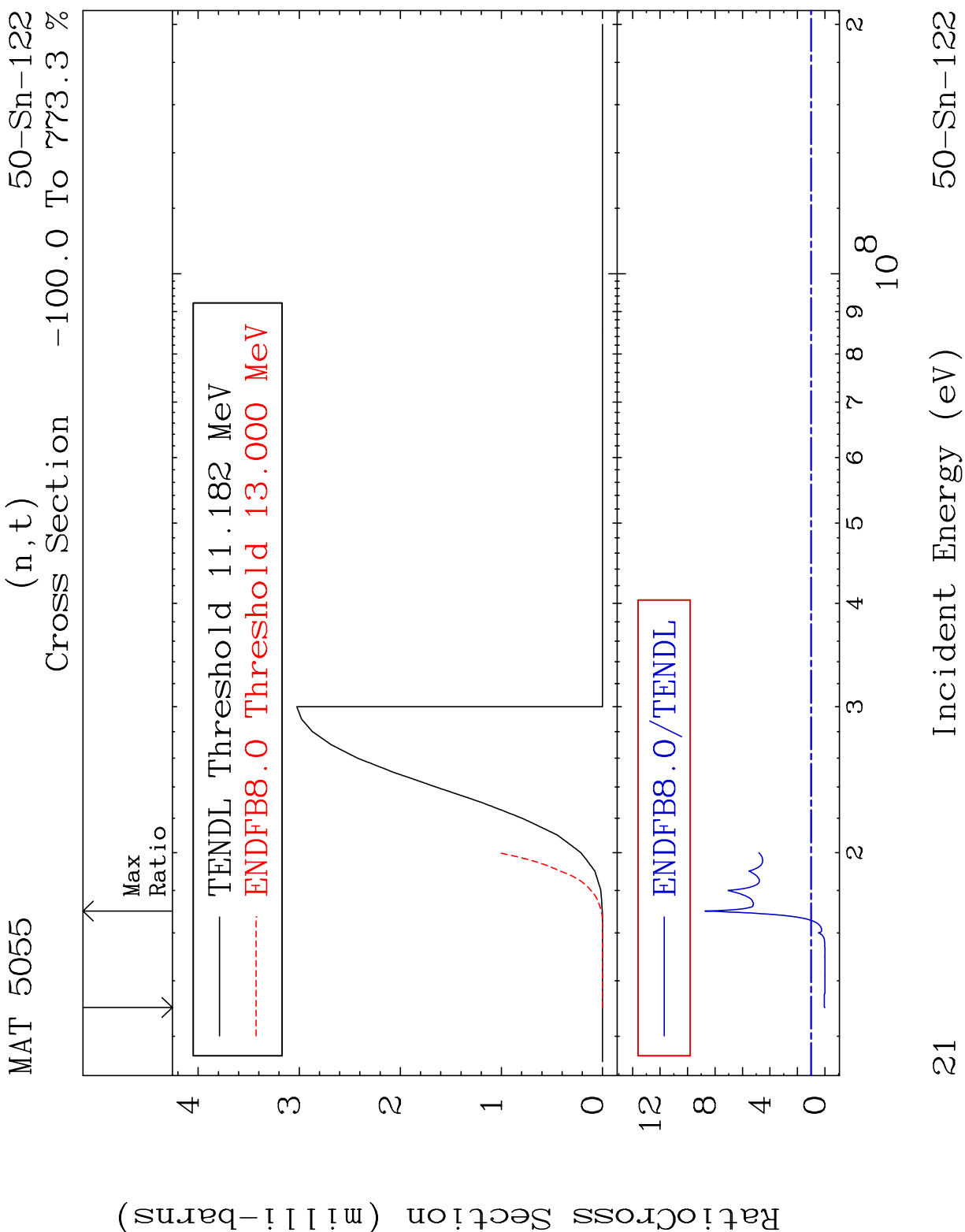
MAT 5055 (n,n') Continuum 50-Sn-122  
 Cross Section -56.48 To 9999. %

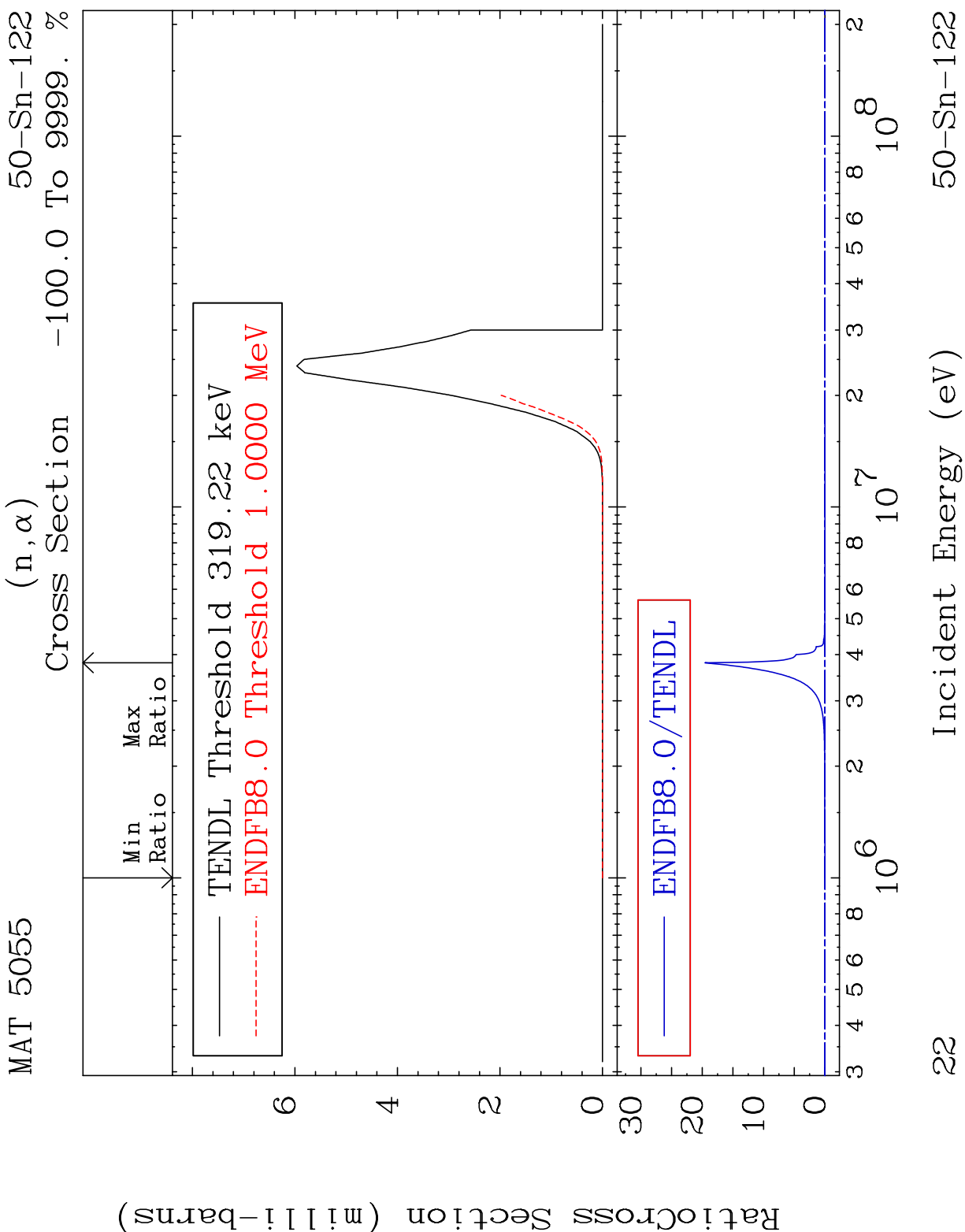




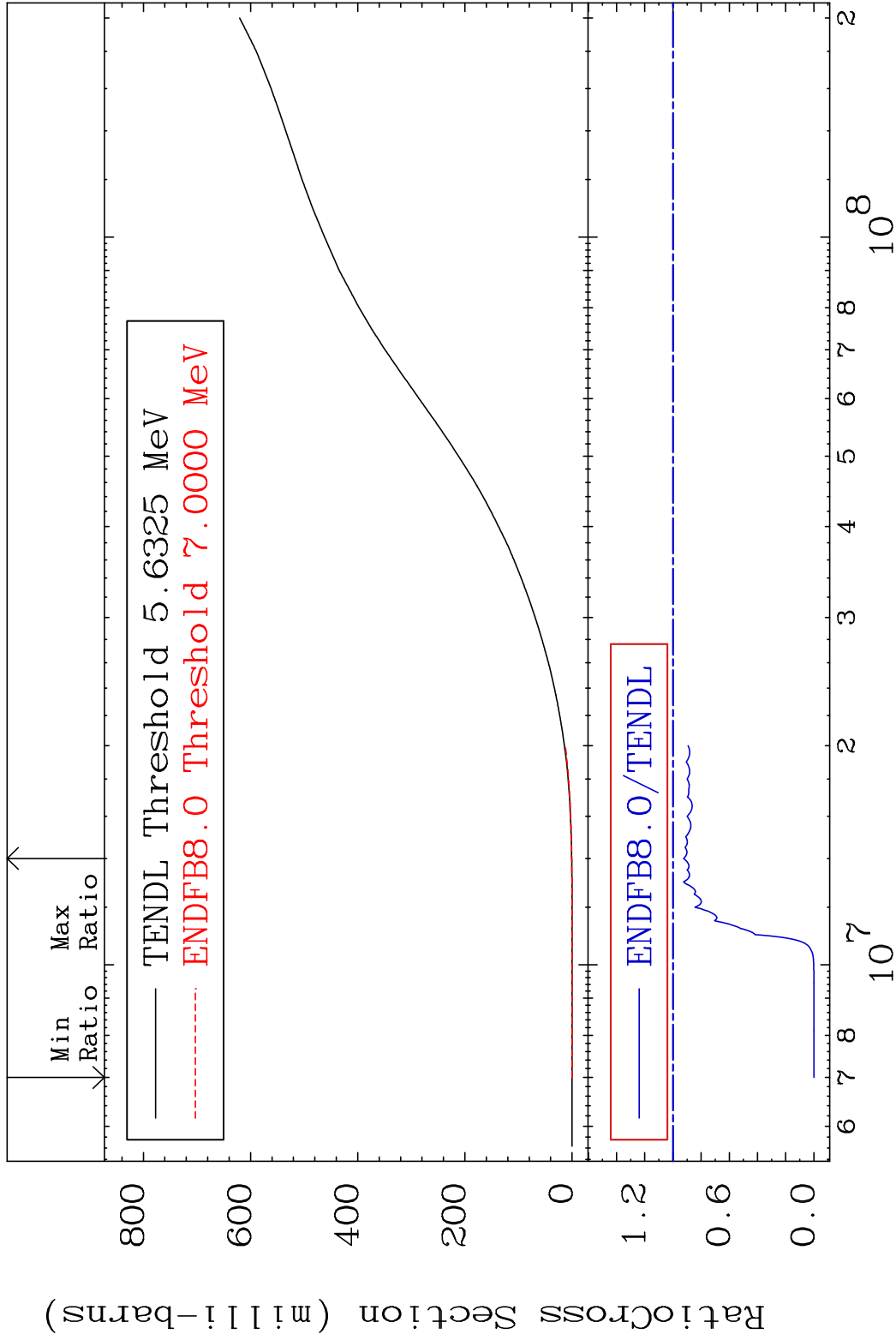








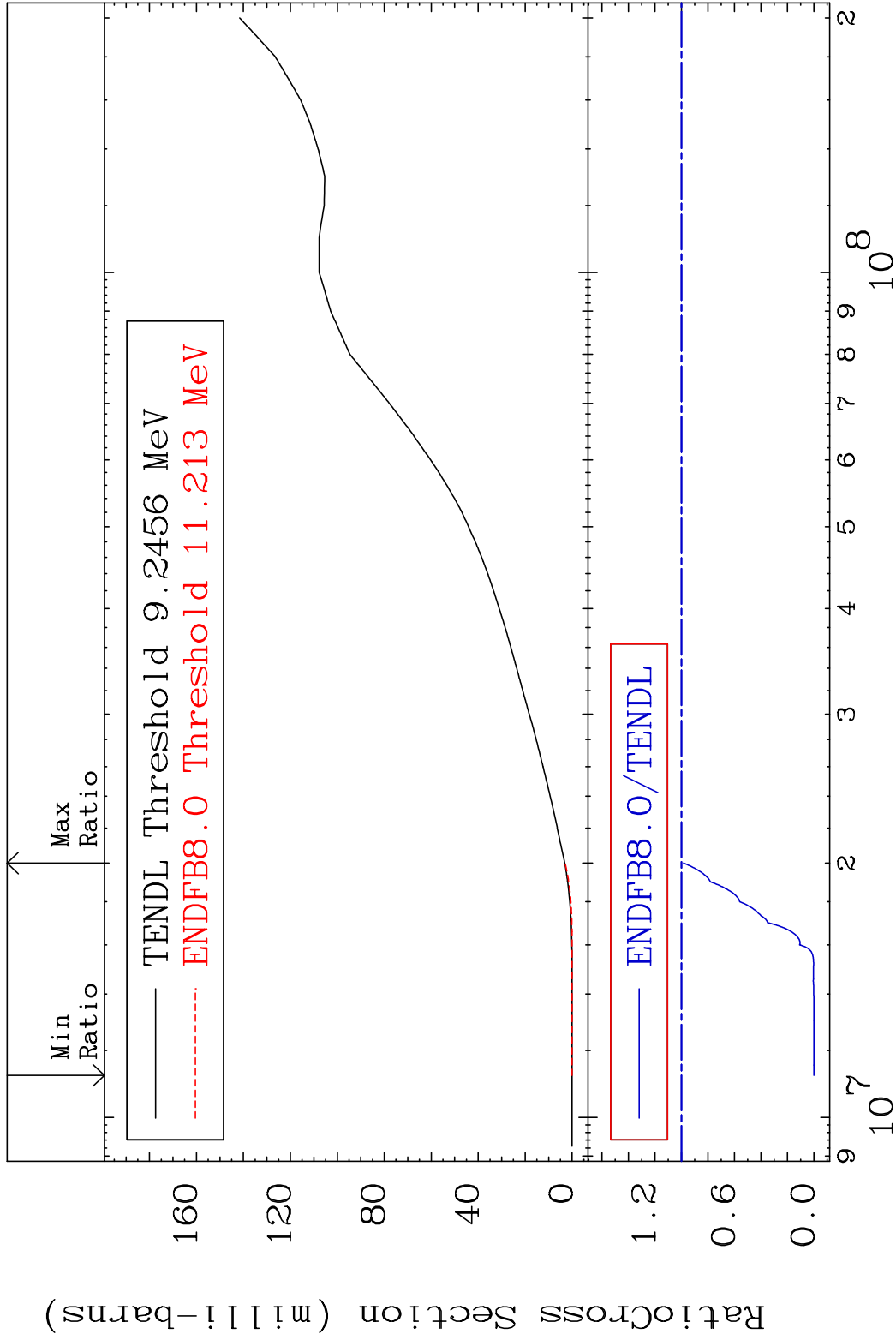
MAT 5055 Hydrogen Production 50-Sn-122  
 Cross Section -100.0 To -7.459%



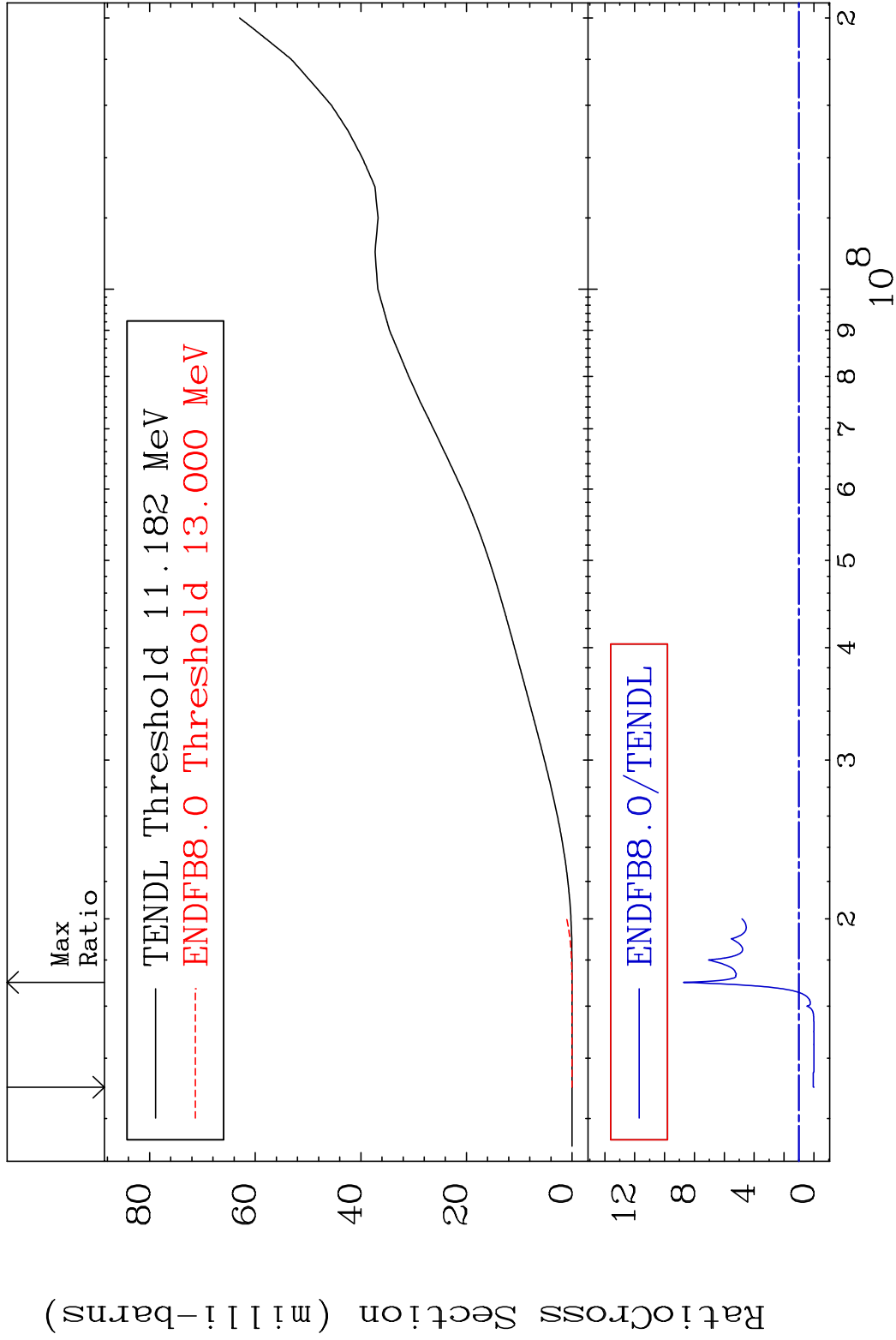
23 Incident Energy (eV) 50-Sn-122



MAT 5055 Deuterium Production 50-Sn-122  
 Cross Section -100.0 To -1.591%

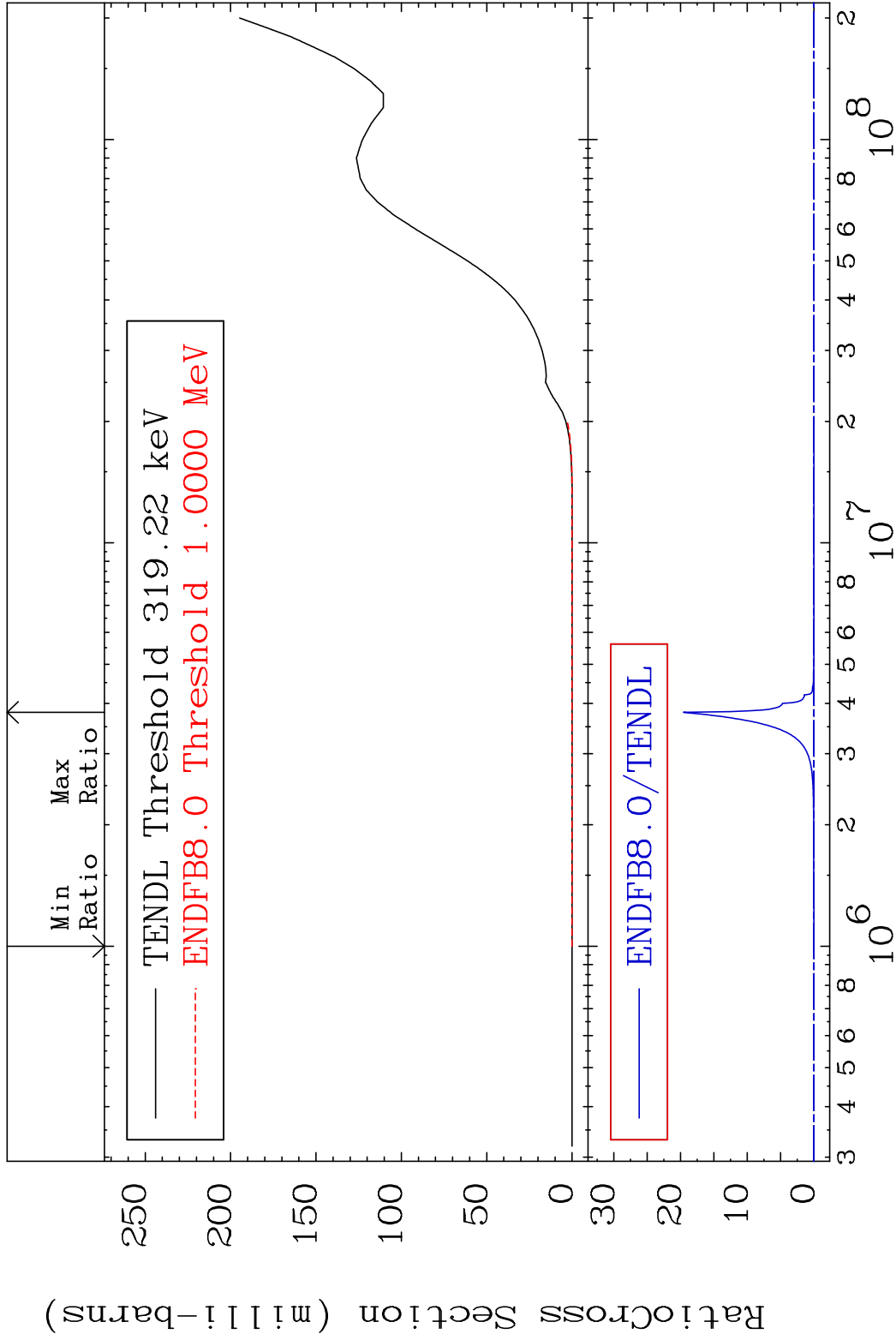


MAT 5055 Tritium Production 50-Sn-122  
 Cross Section -100.0 To 773.3 %



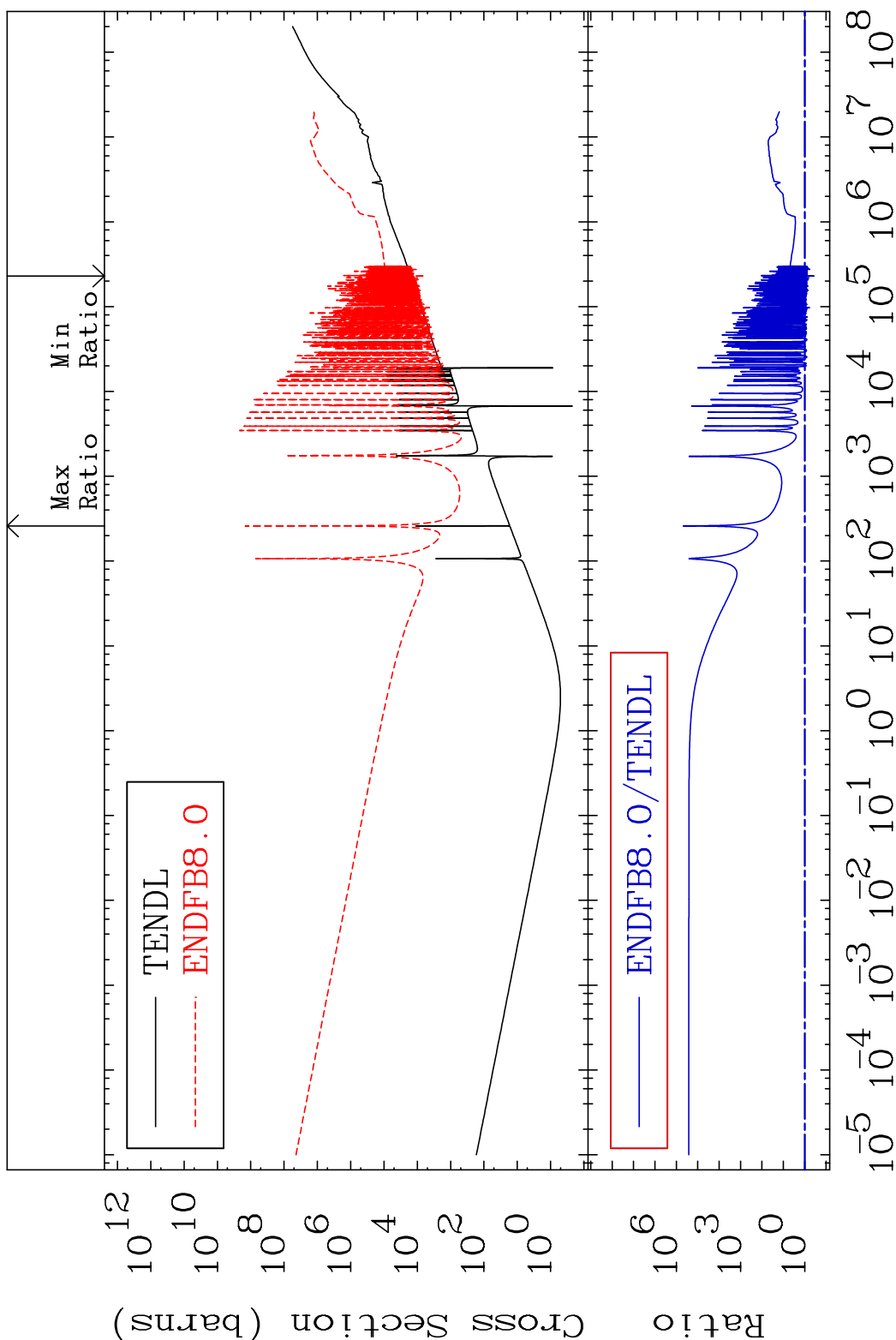
25 50-Sn-122

MAT 5055 He-4 Production 50-Sn-122  
 Cross Section -100.0 To 9999. %



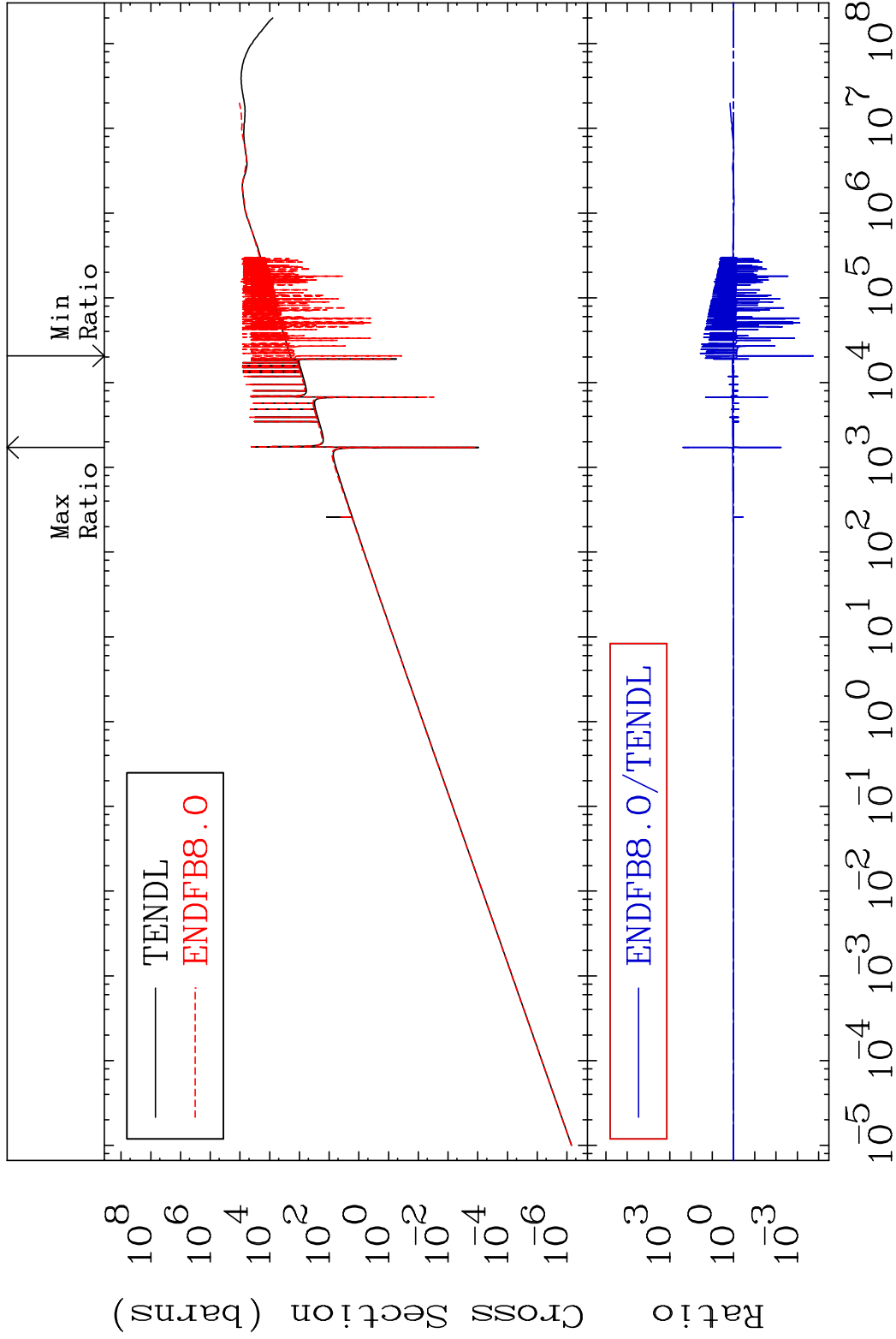
26 50-Sn-122

MAT 5055 Kerma total (eV-barns) 50-Sn-122  
 Cross Section -62.81 To 9999. %

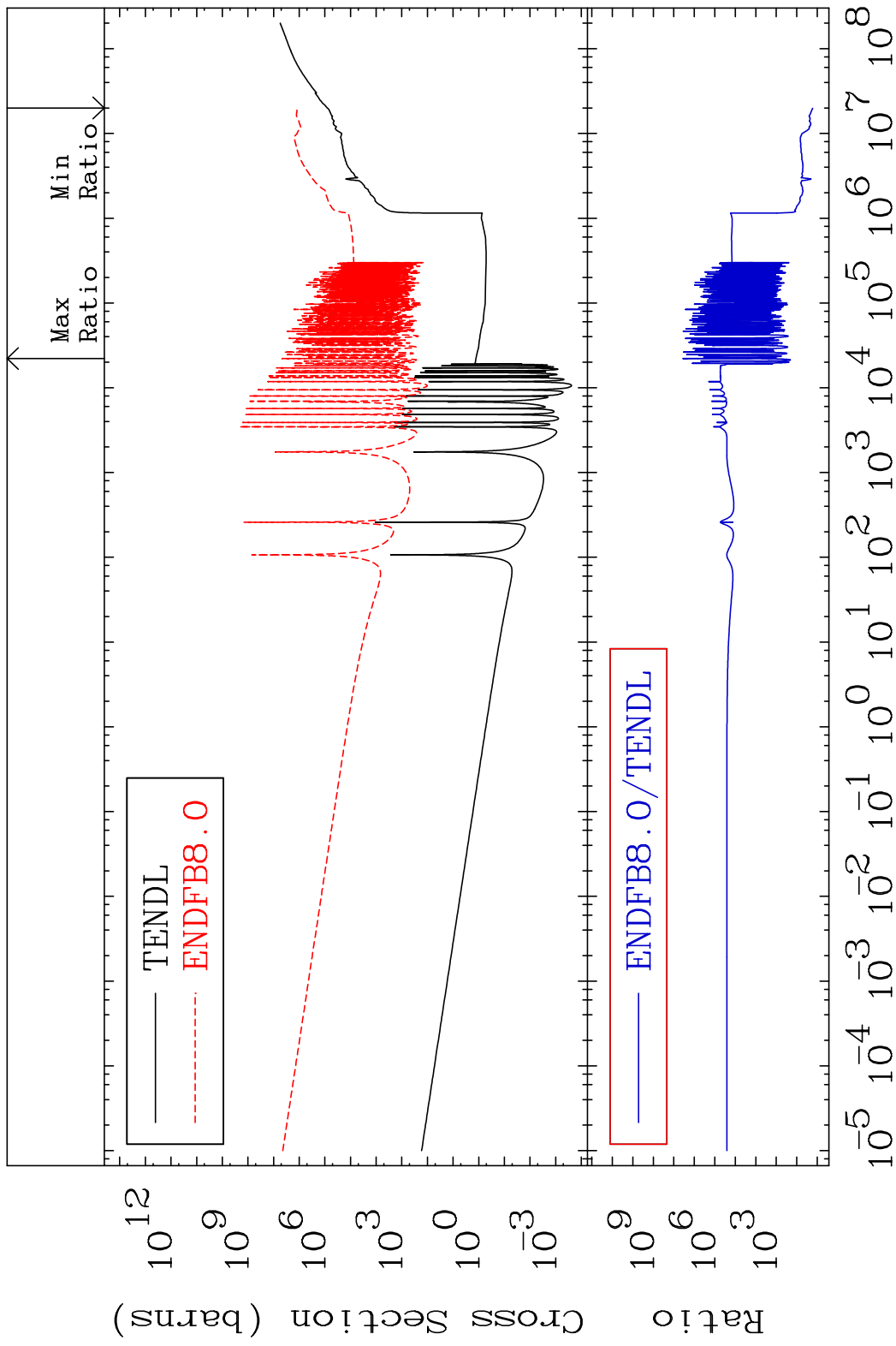


27 Incident Energy (eV) 50-Sn-122

MAT 5055      Kerma elastic      50-Sn-122  
 Cross Section      -99.98 To 9999. %

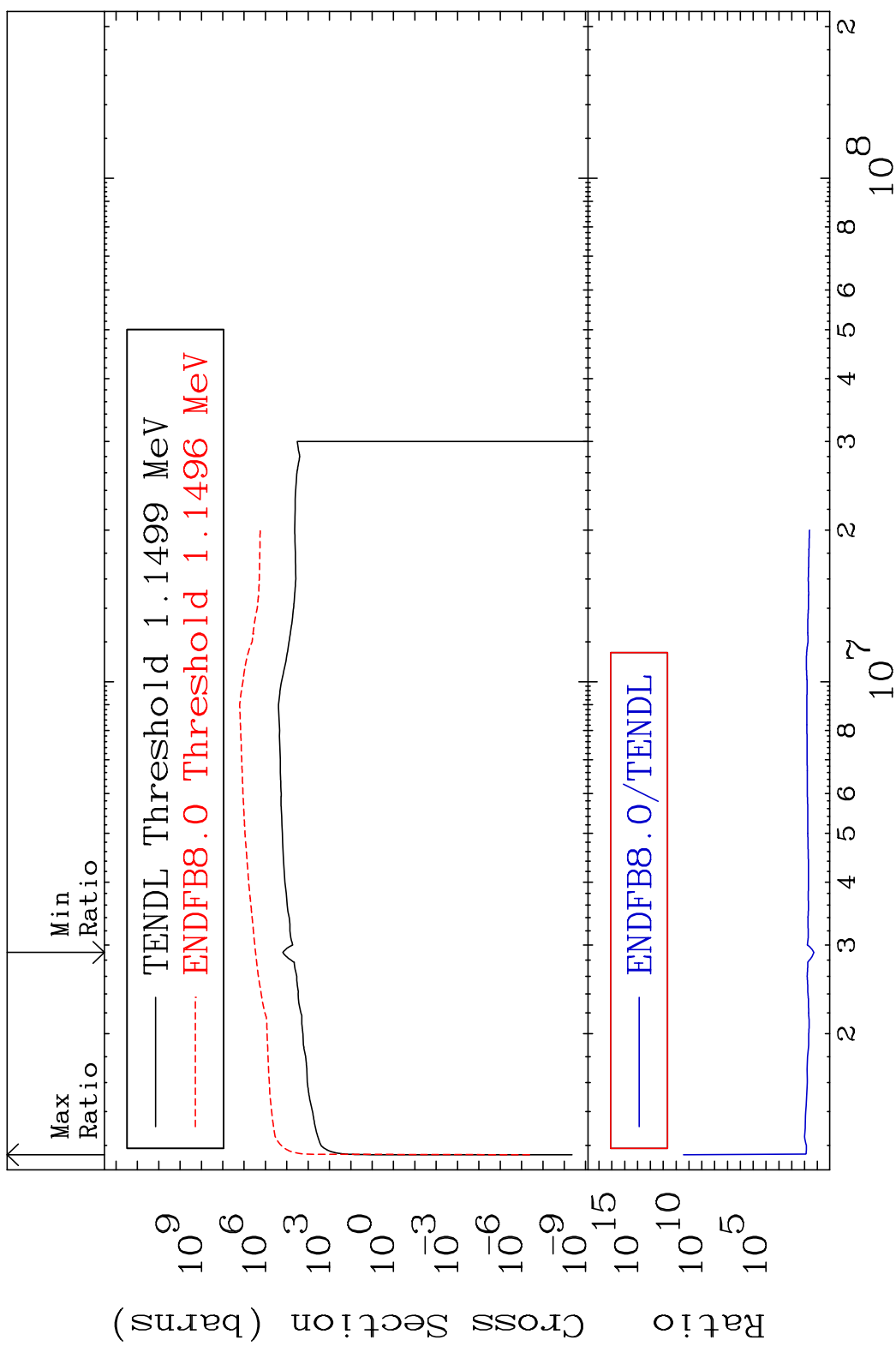


MAT 5055 Kerma non-elastic (all but mt2) 50-Sn-122  
 Cross Section 1491. To 9999. %



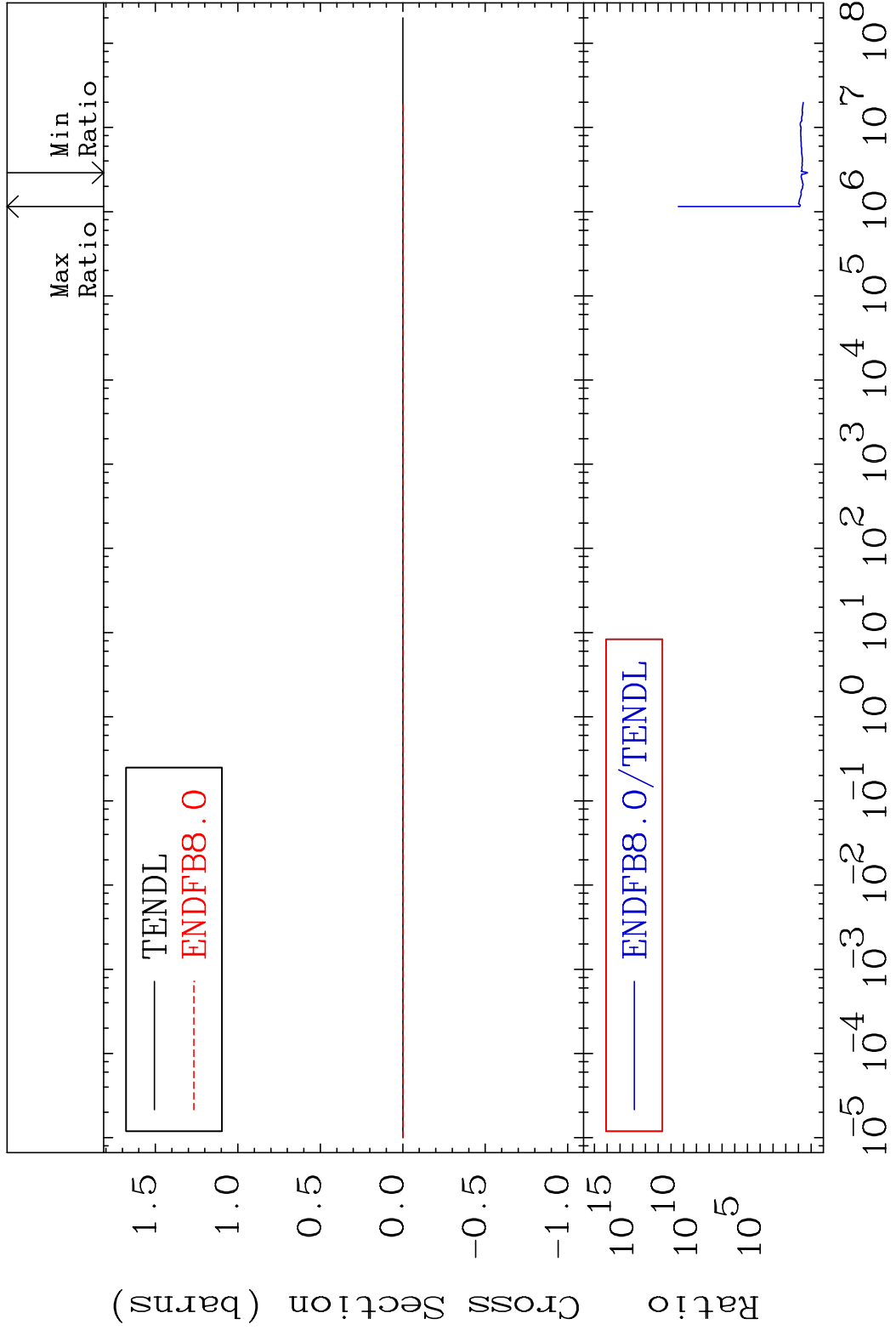
29 Incident Energy (eV) 50-Sn-122

MAT 5055 Kerma inelastic (mt51-91) 50-Sn-122  
 Cross Section 1787. To 9999. %



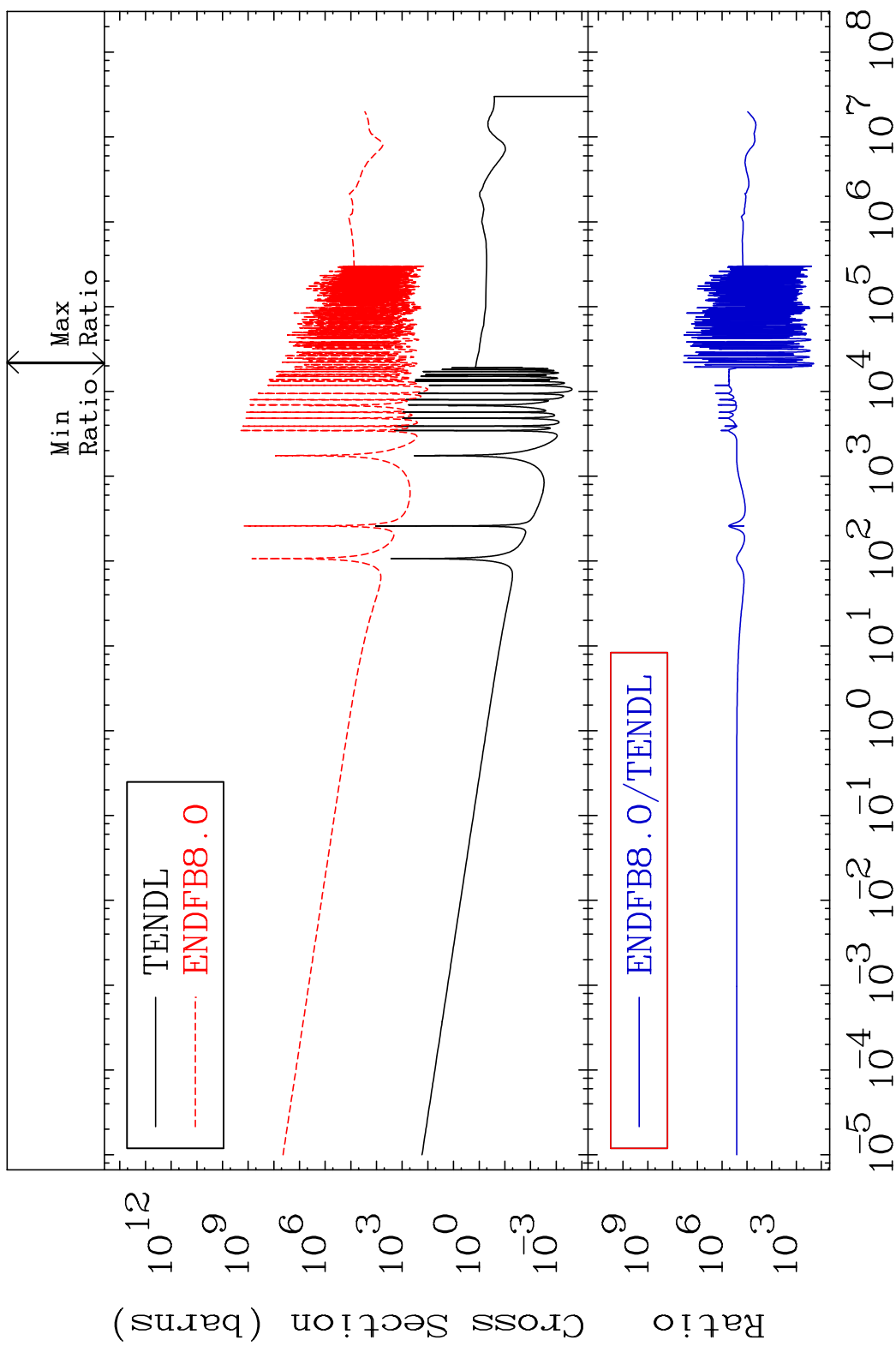
30 50-Sn-122

MAT 5055 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-122  
 Cross Section 1787. To 9999. %



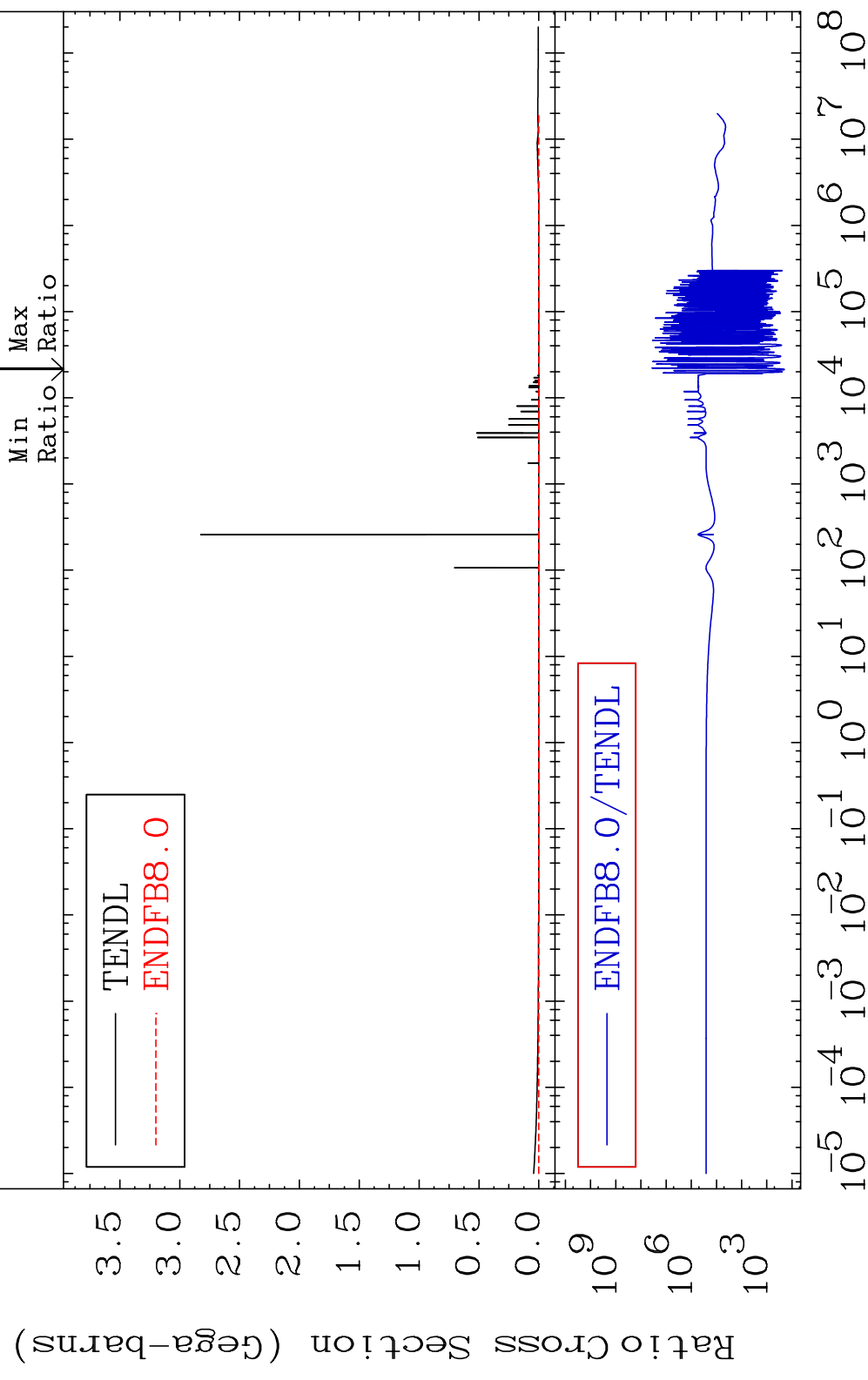


MAT 5055 Kerma capture (mt102) 50-Sn-122  
 Cross Section 9999. To 9999. %

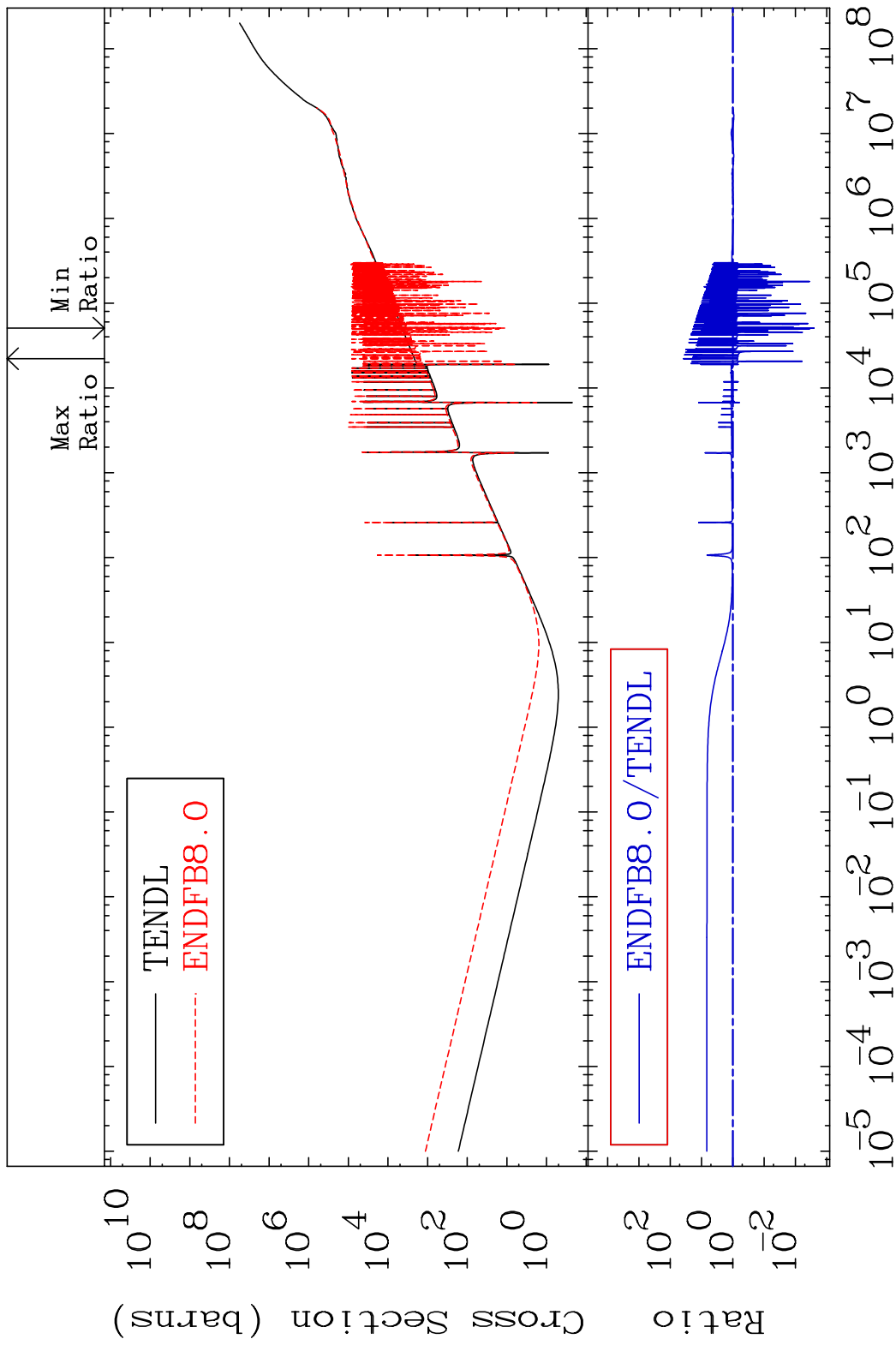


32 Incident Energy (eV) 50-Sn-122

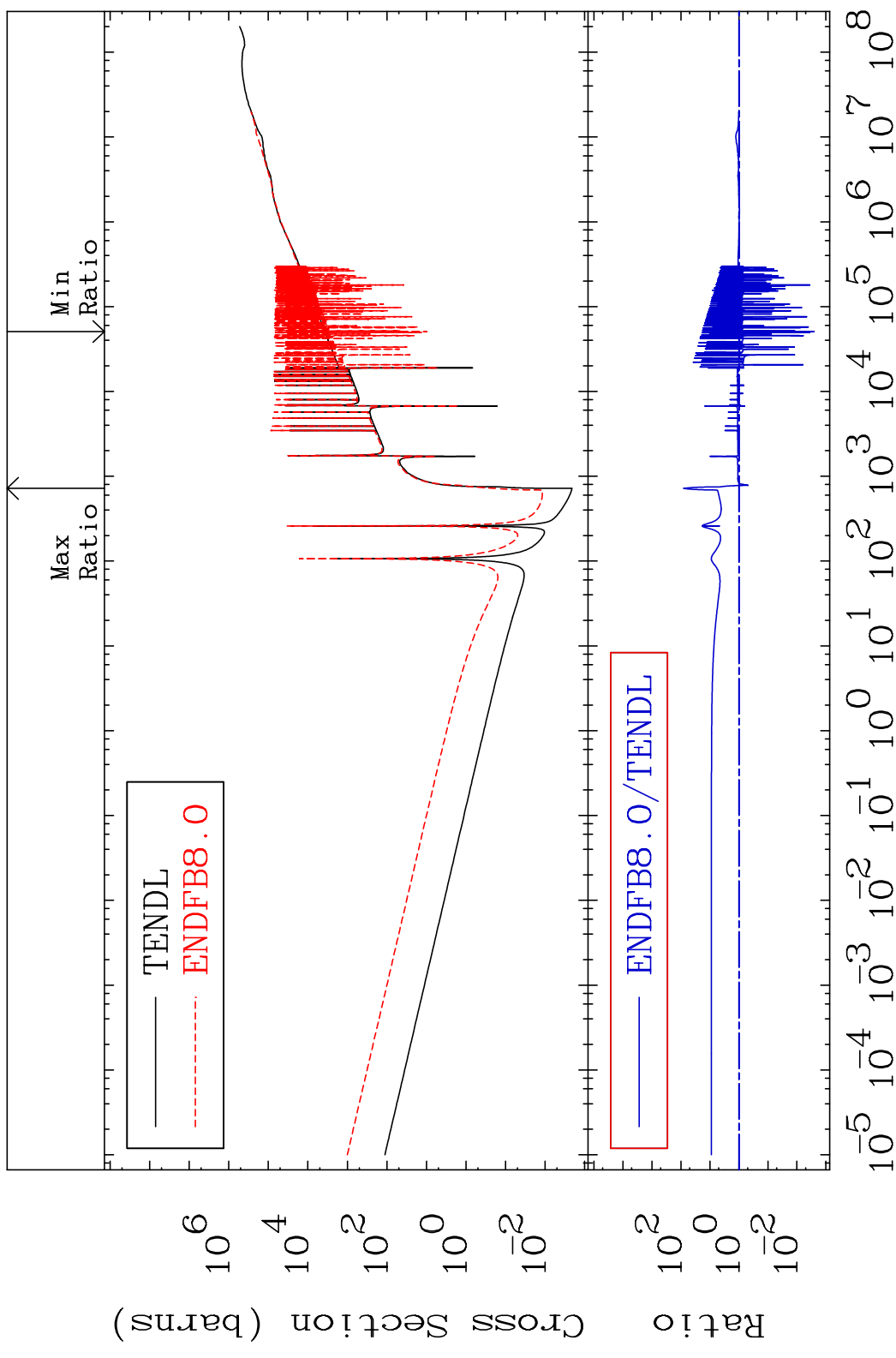
MAT 5055 Total photon (eV-barns) 50-Sn-122  
 Cross Section 9999. To 9999. %



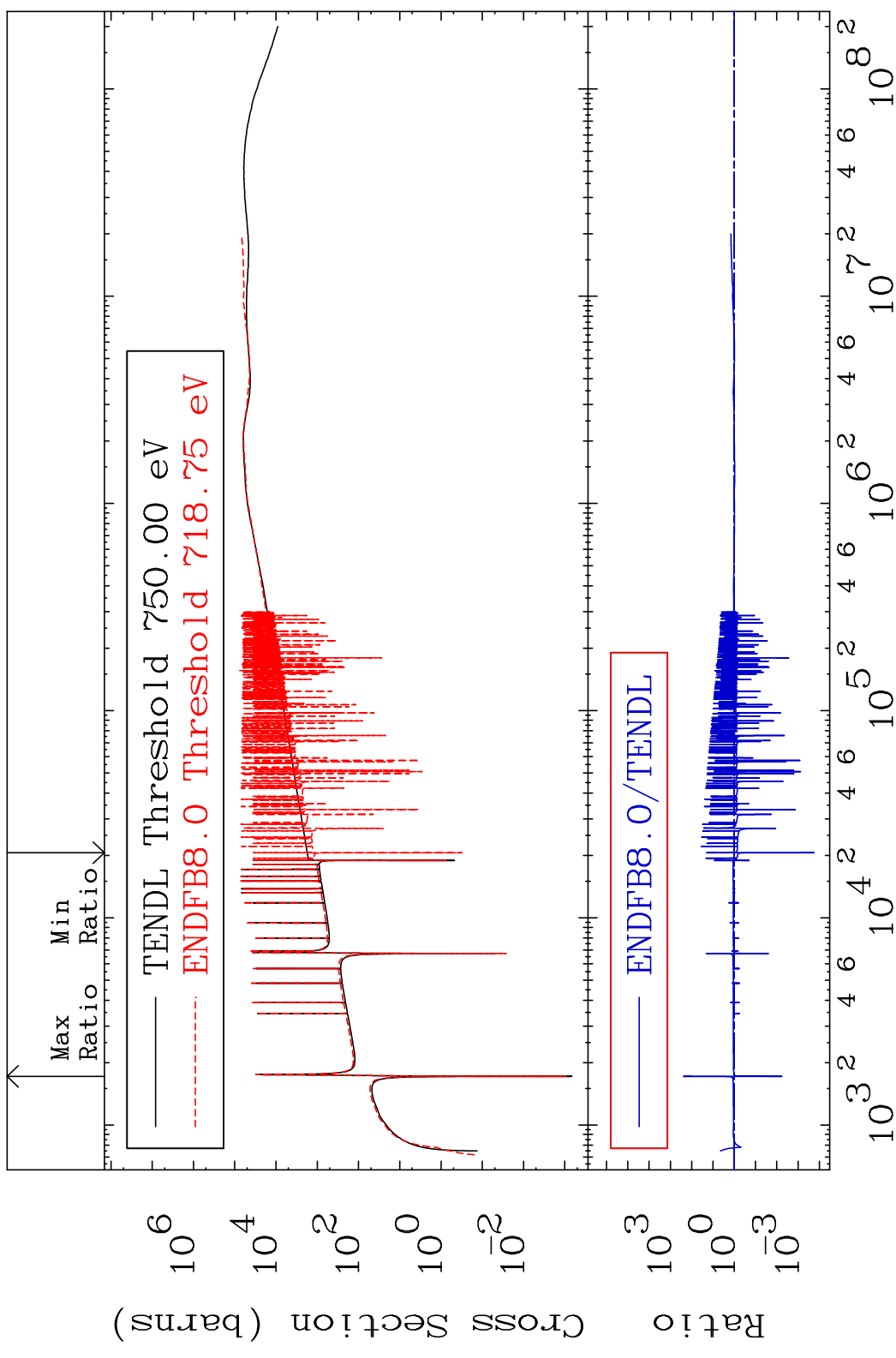
MAT 5055 Total kinematic kerma (high limit) 50-Sn-122  
 Cross Section -99.74 To 3688. %



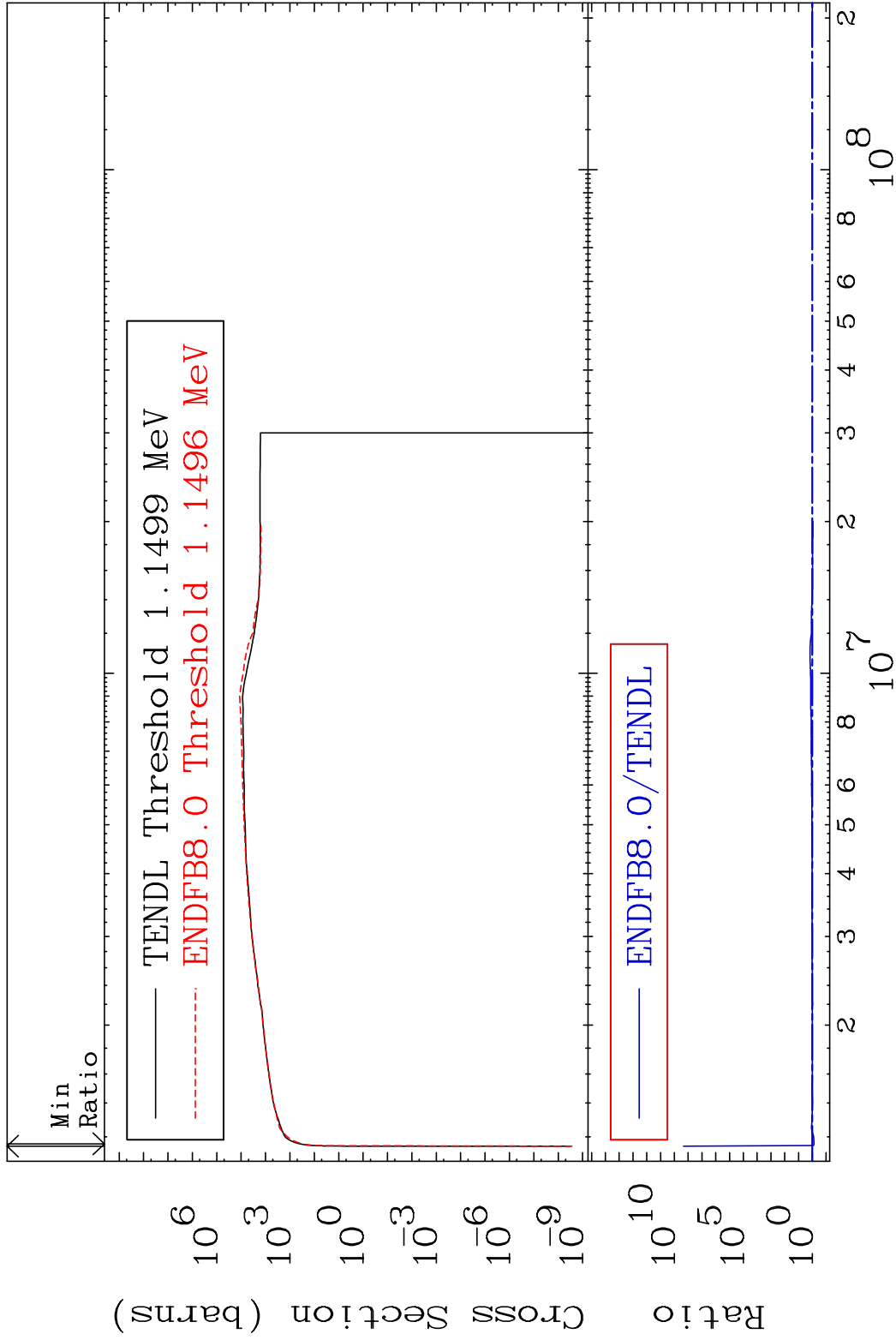
MAT 5055      Dpa total (eV-barns)      50-Sn-122  
 Cross Section      -99.74 To 8084. %



MAT 5055      Dpa elastic (mt2)      50-Sn-122  
 Cross Section      -99.98 To 9999. %



MAT 5055      Dpa inelastic (mt51-91)      50-Sn-122  
 Cross Section      -22.81 To 9999. %



MAT 5055 Dpa disappearance (mt102 -120) 50-Sn-122  
 Cross Section -98.57 To 9999. %

