

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

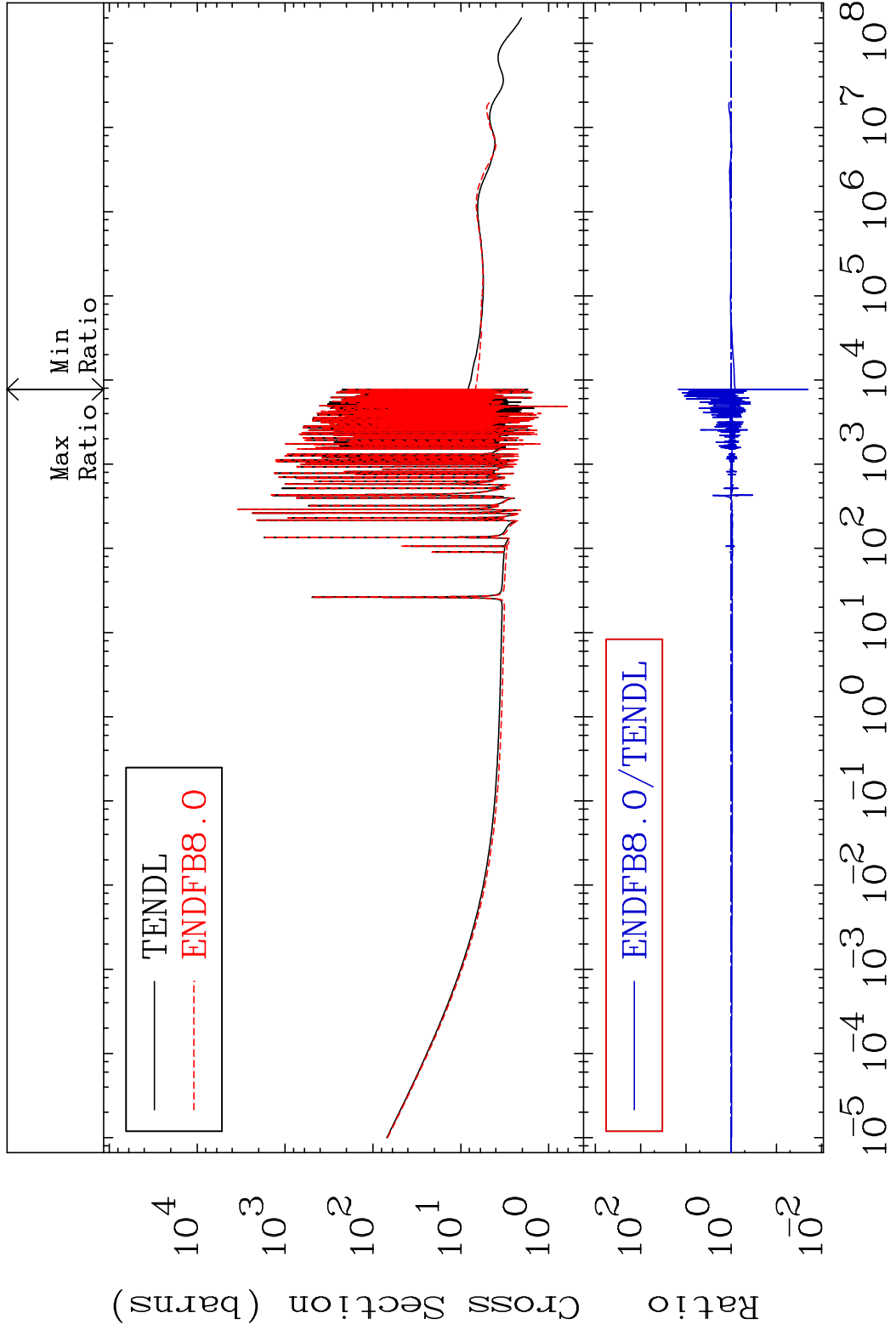
U.S.A.

Tele: 925-443-1911

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

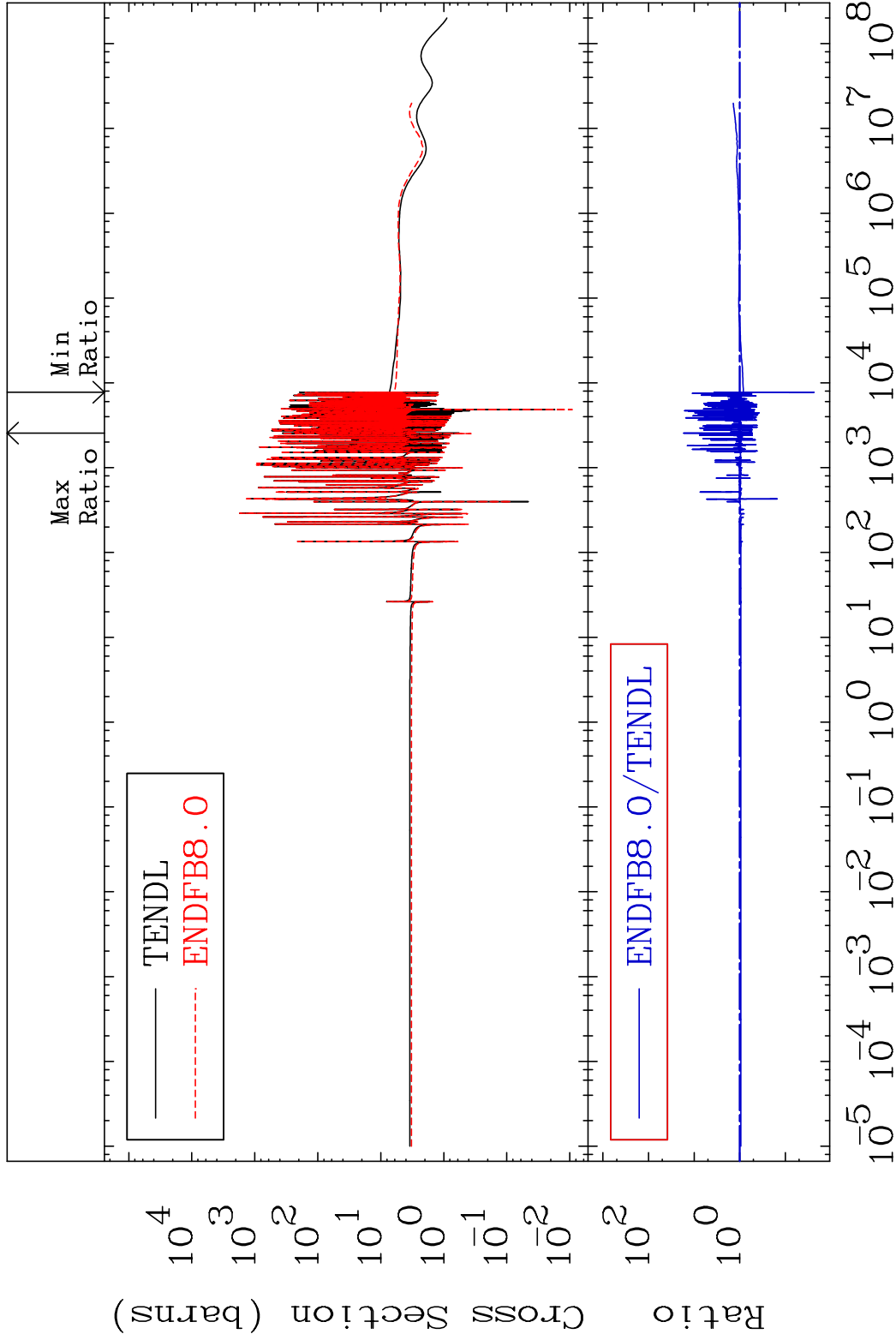
Press Mouse Button to Start

MAT 5240      Total      52-Te-125  
 Cross Section      -97.96 To 1376. %



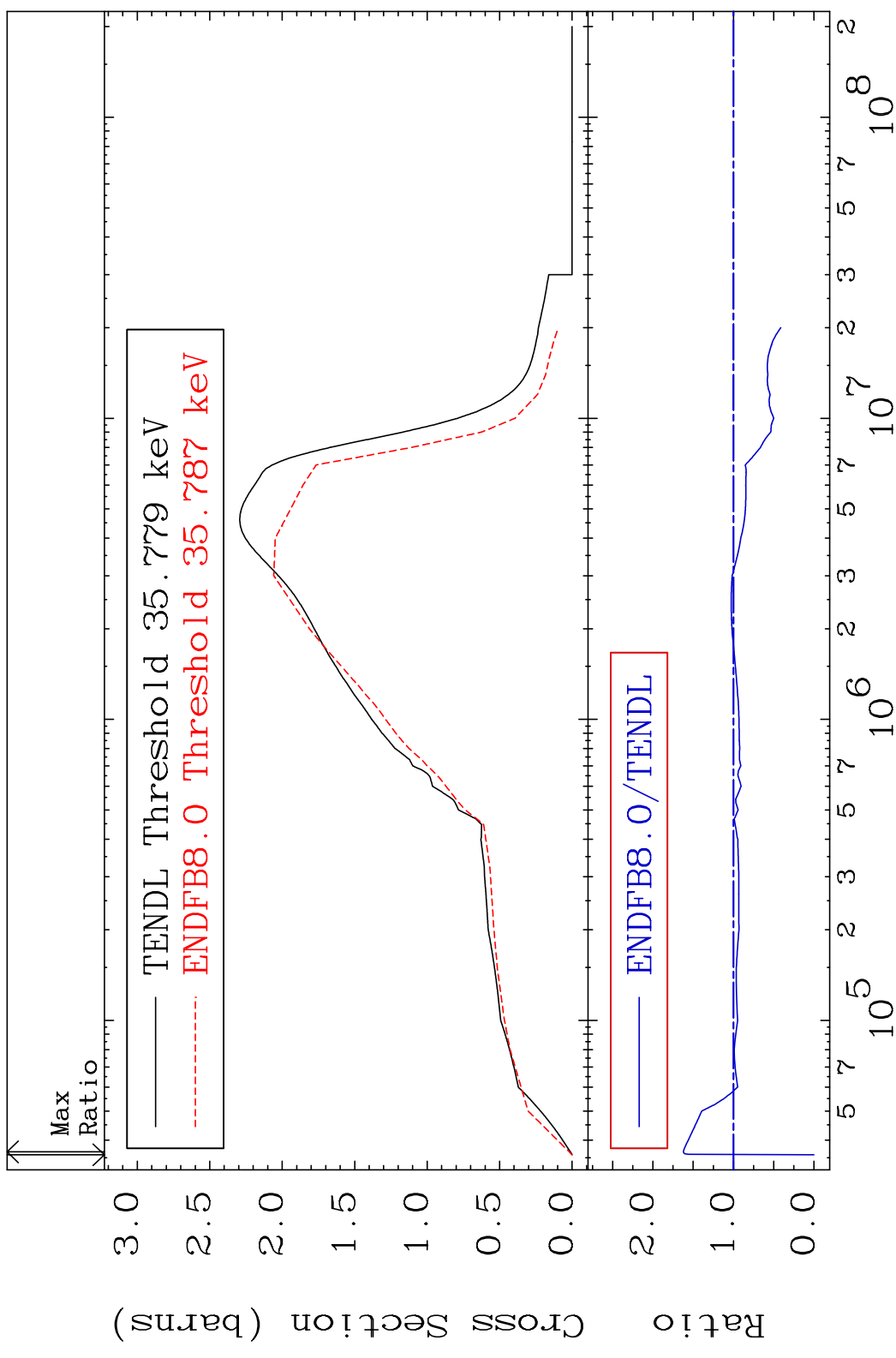
1      Incident Energy (eV)      52-Te-125

MAT 5240 Elastic Cross Section 52-Te-125  
-97.64 To 1613. %

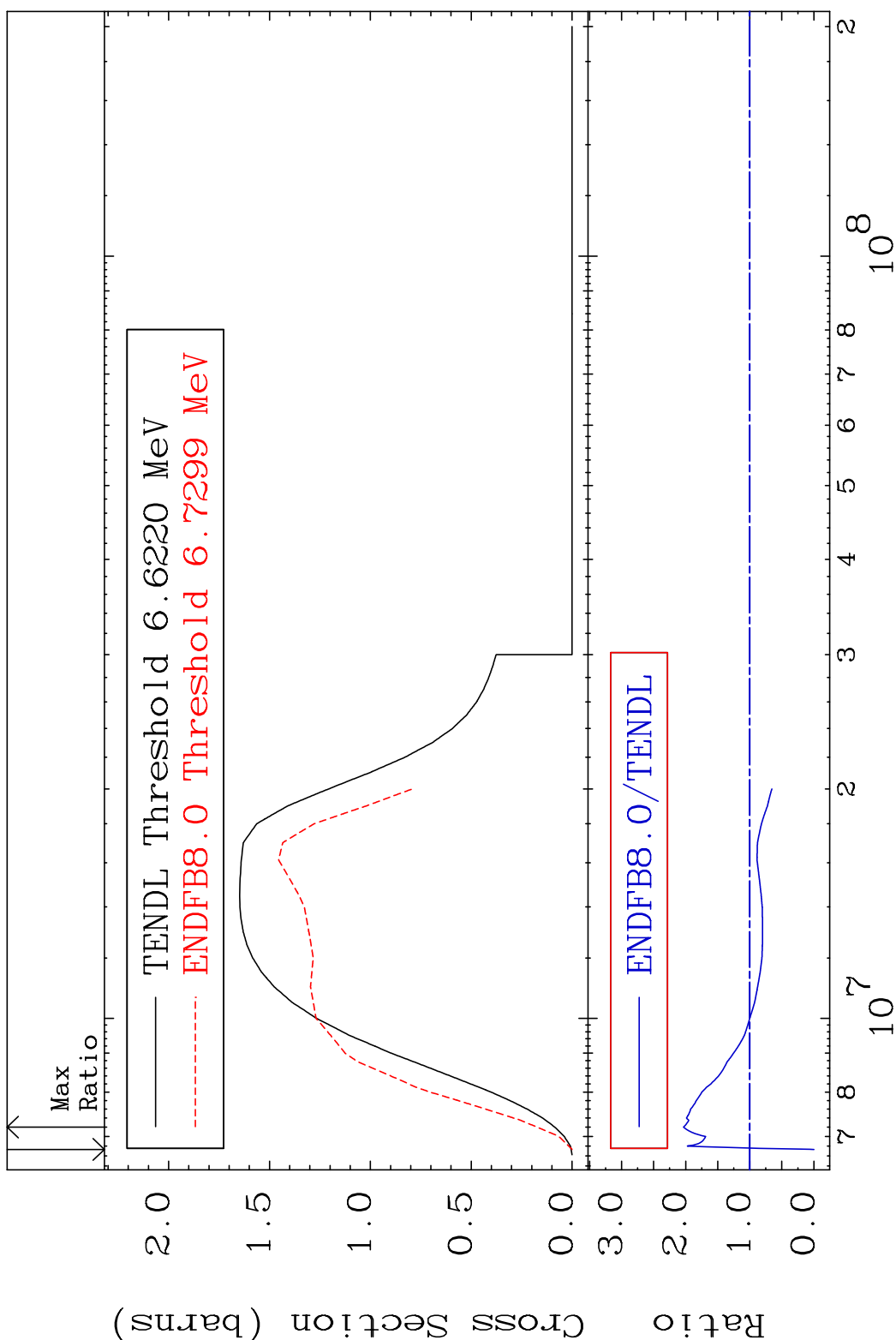


2 Incident Energy (eV) 52-Te-125

MAT 5240 Inelastic Cross Section -100.0 To 62.10 % 52-Te-125

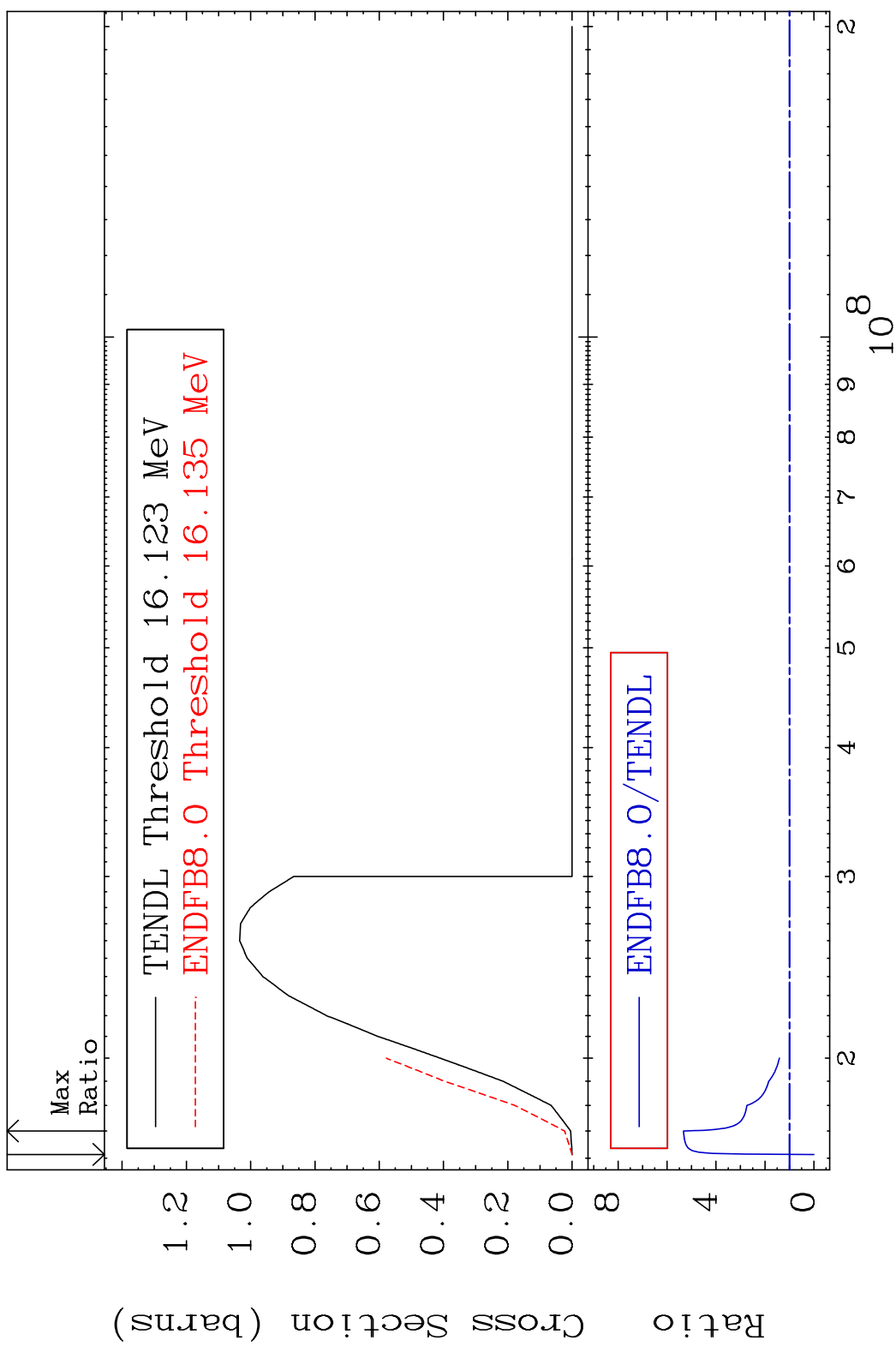


MAT 5240 (n,2n) 52-Te-125  
 Cross Section -100.0 To 103.5 %

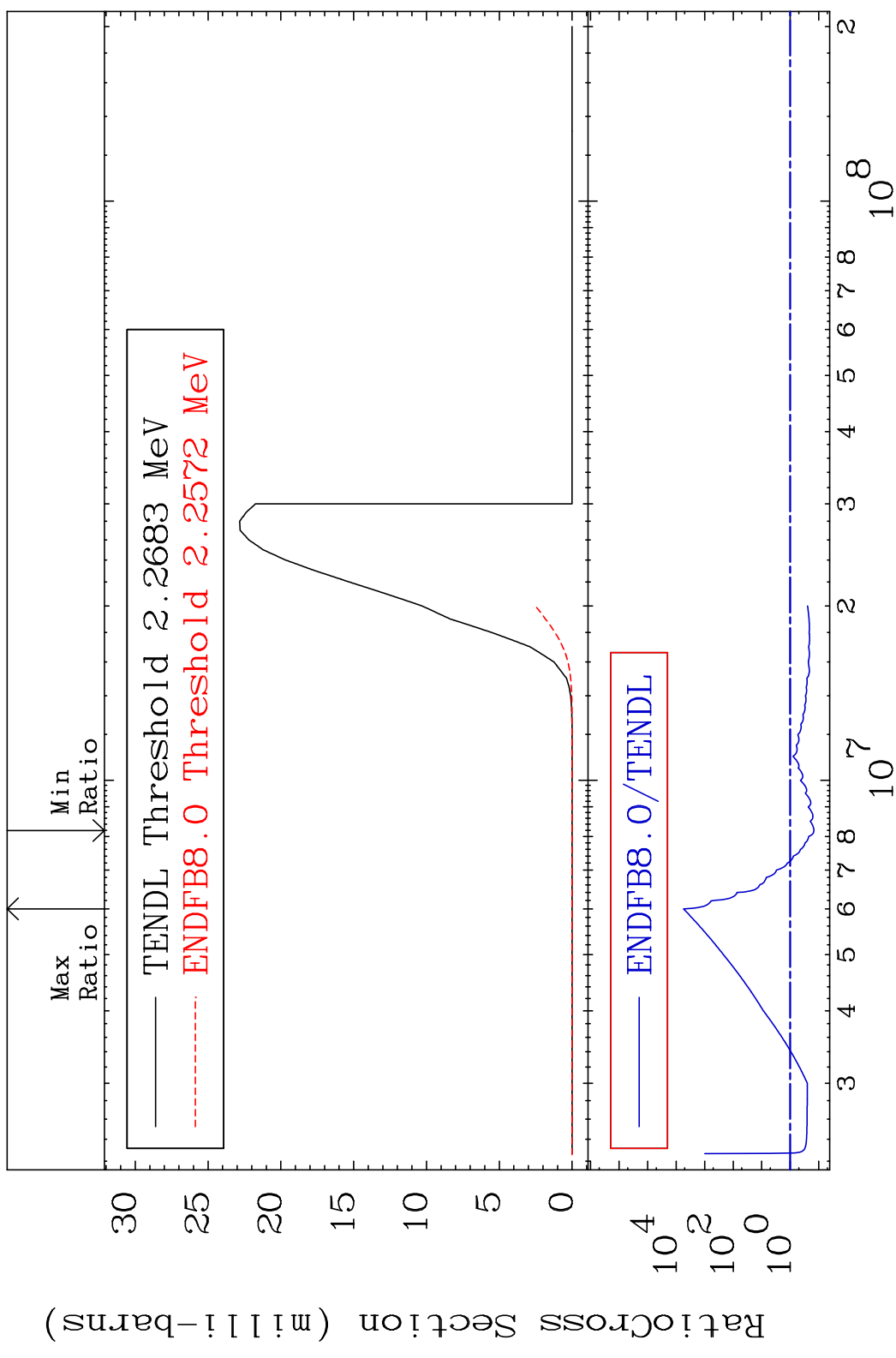


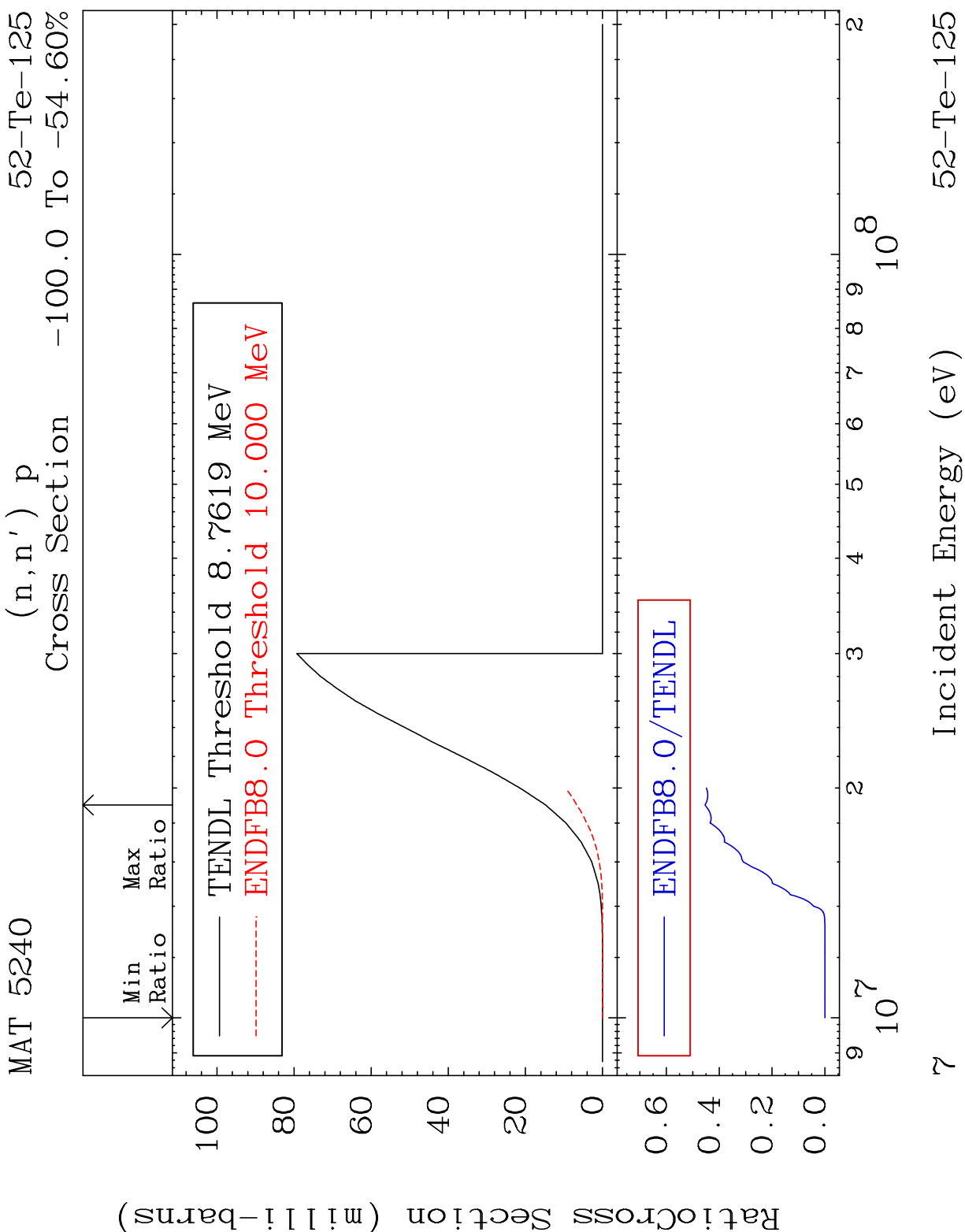
4 Incident Energy (eV) 52-Te-125

MAT 5240 (n,3n) 52-Te-125  
 Cross Section -100.0 To 432.9 %



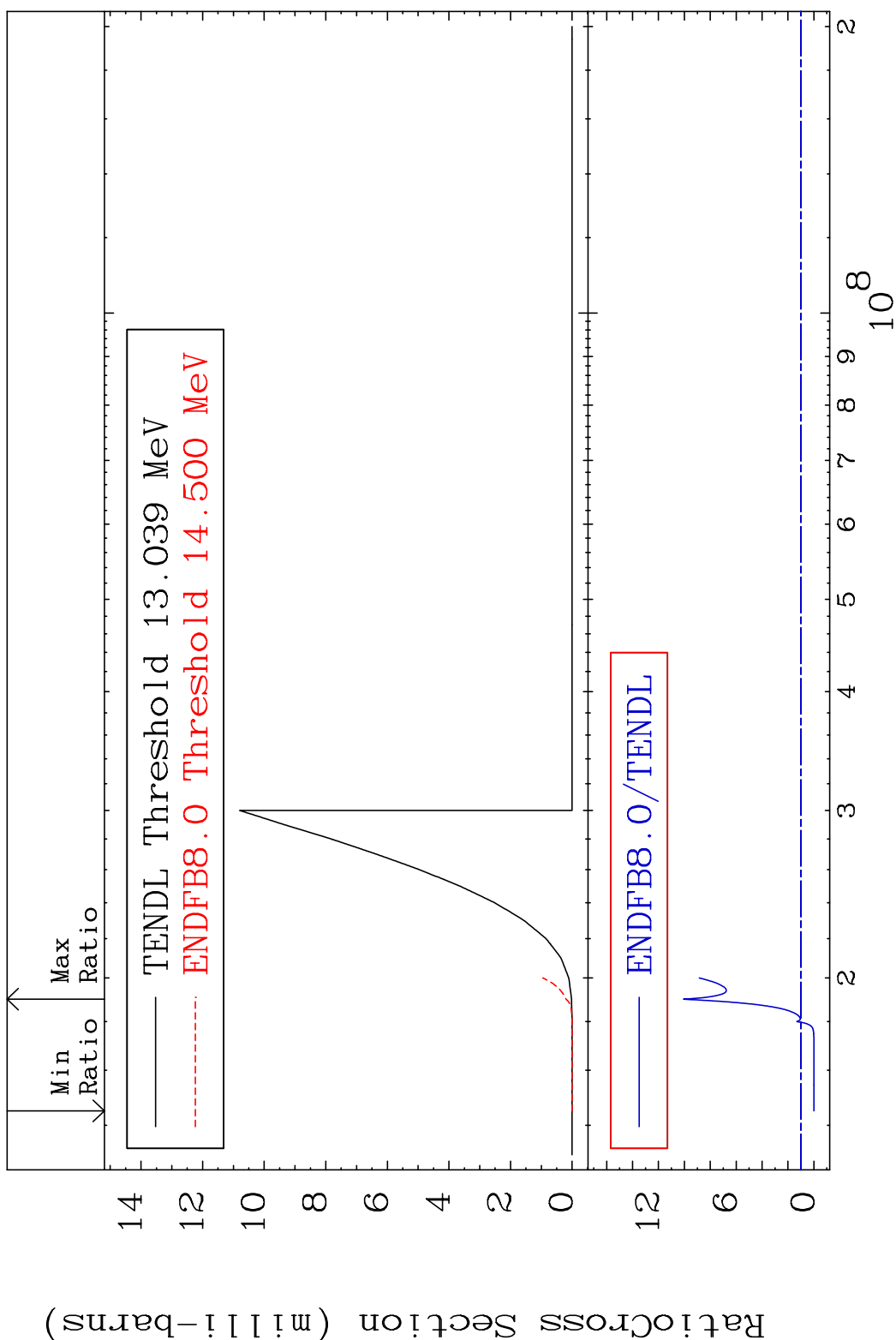
MAT 5240 (n, n')  $\alpha$  52-Te-125  
 Cross Section -85.16 To 9999. %





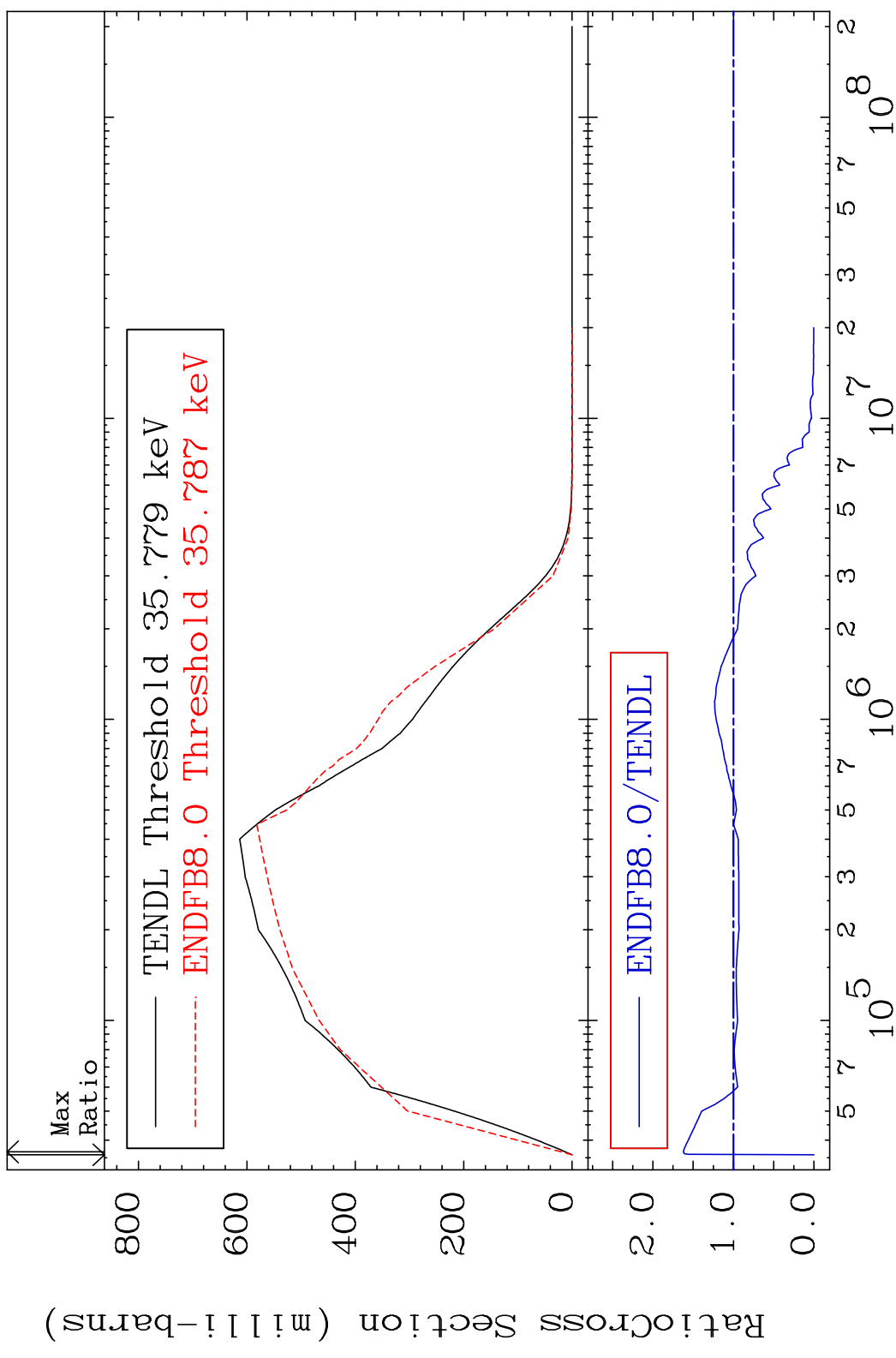


MAT 5240 (n, n') d 52-Te-125  
 Cross Section -100.0 To 907.0 %

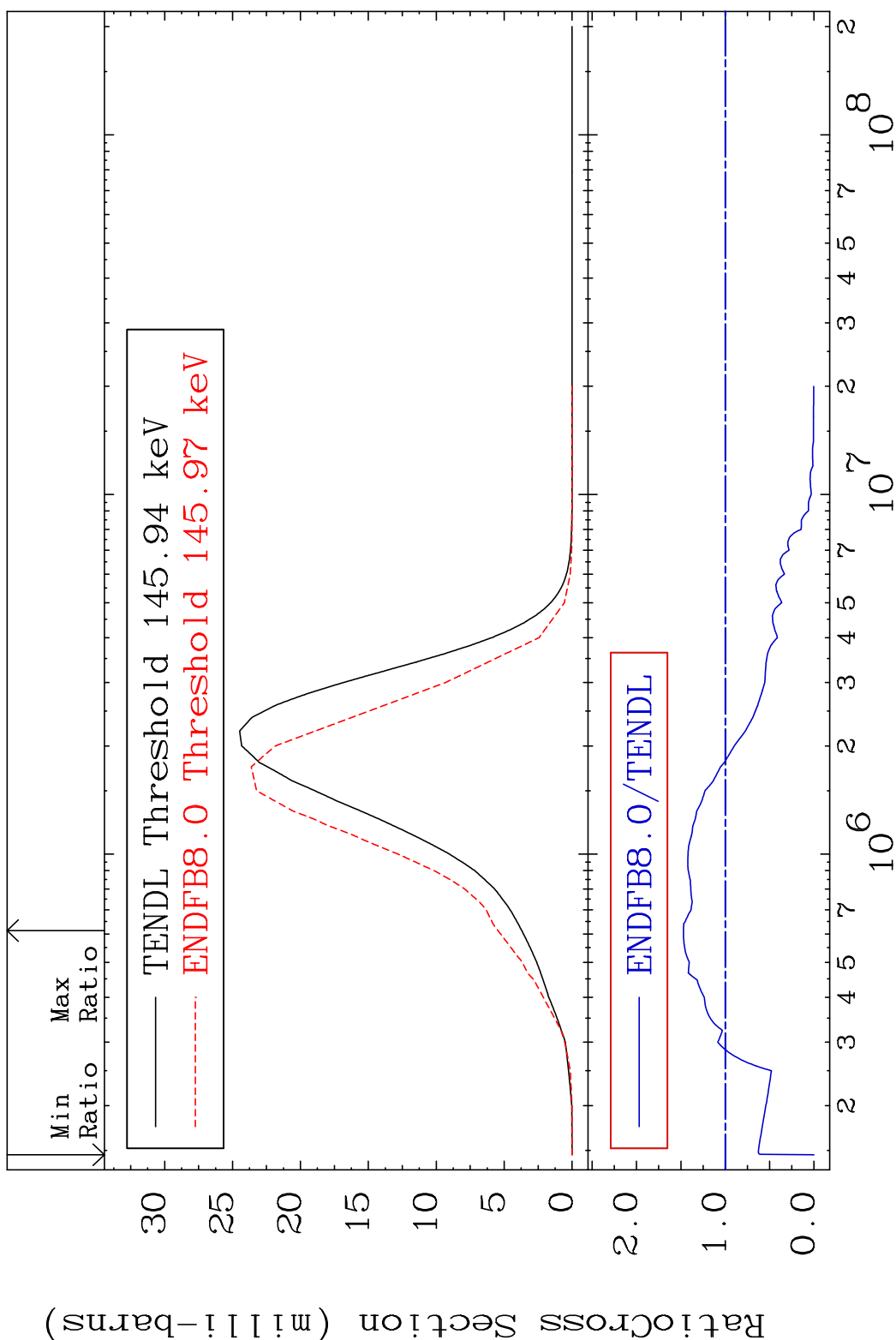


8 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 51 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 62.10 %

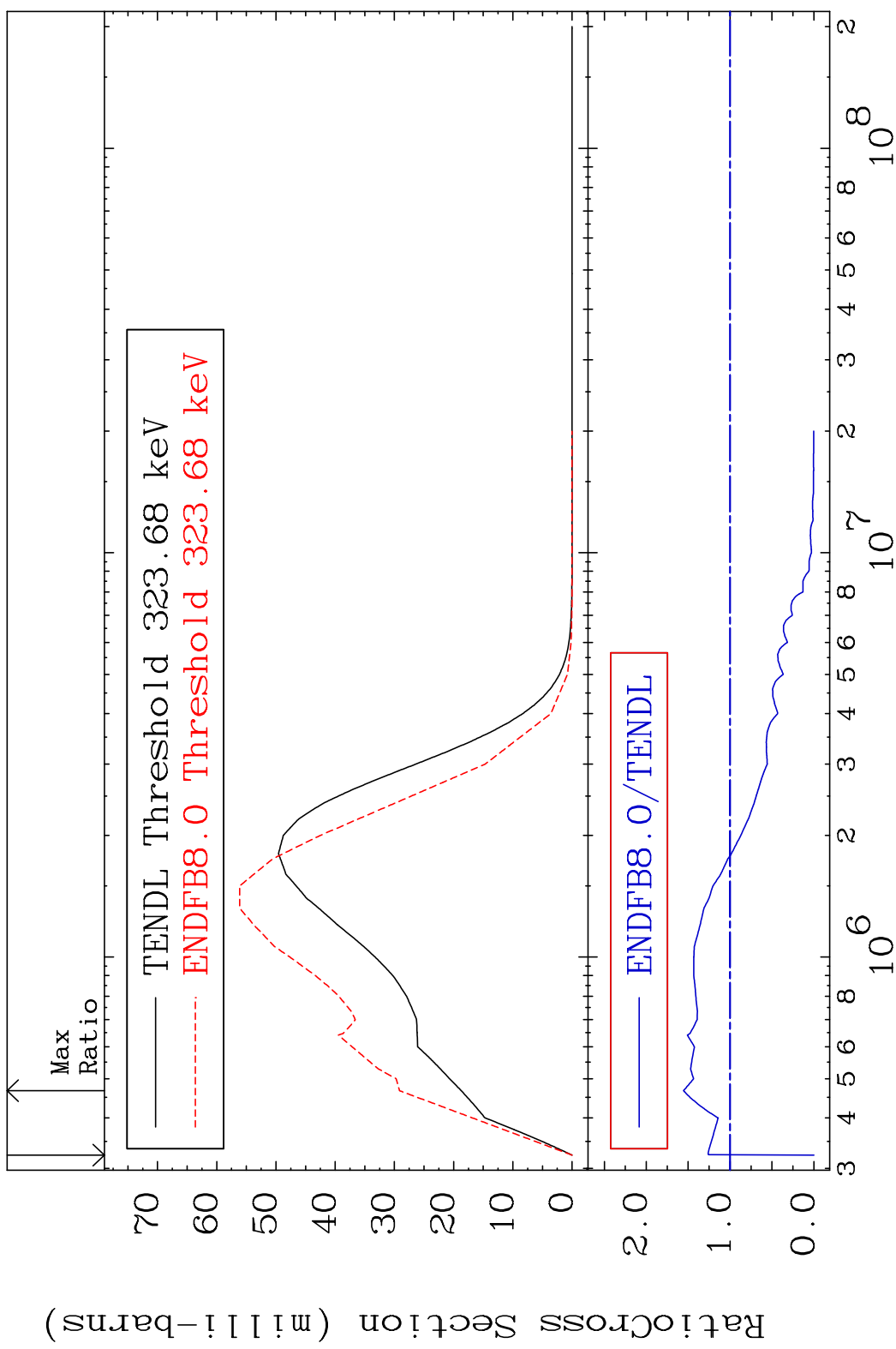


MAT 5240 MT= 52 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 47.08 %

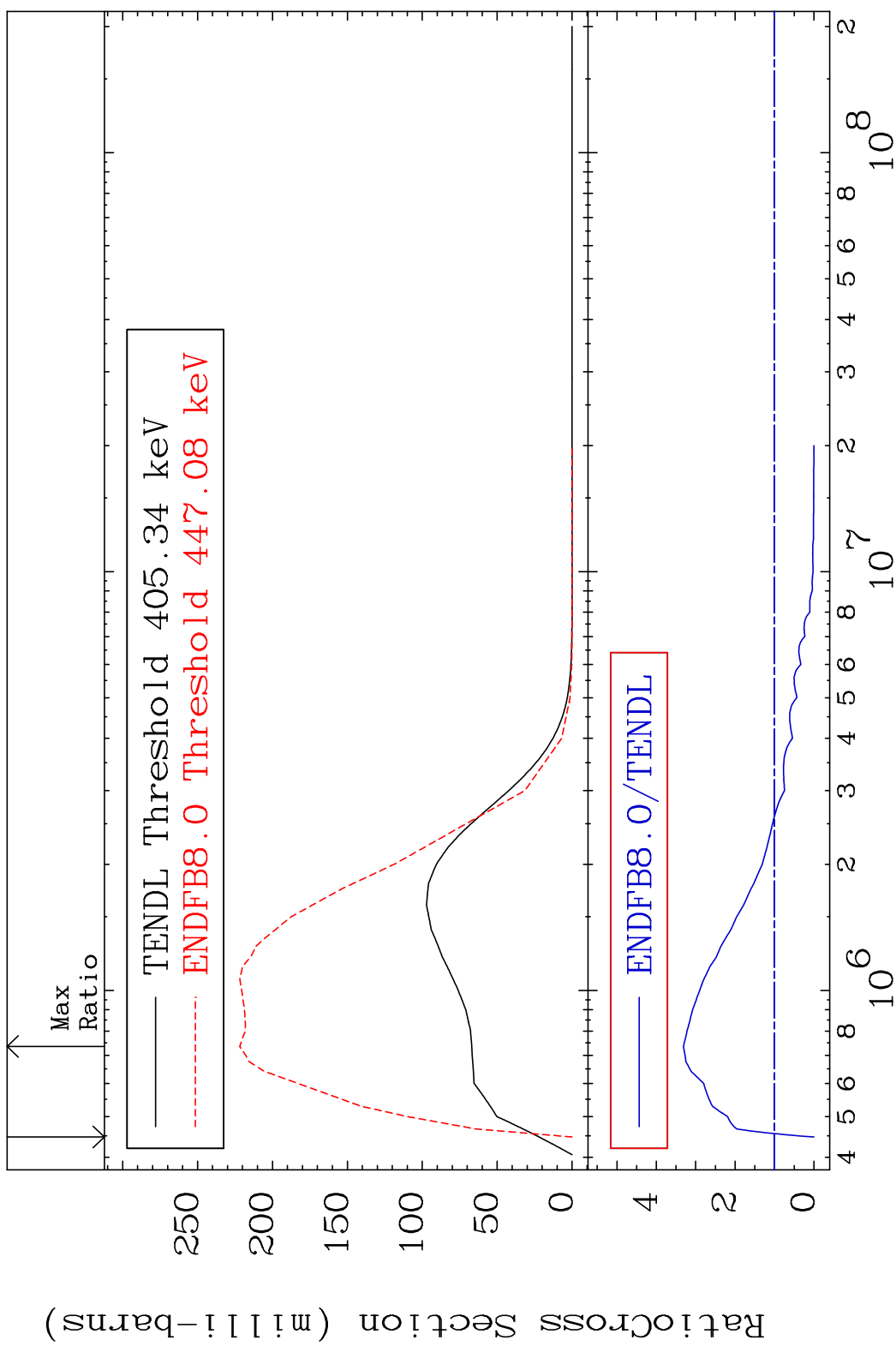


10 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 53 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 55.63 %

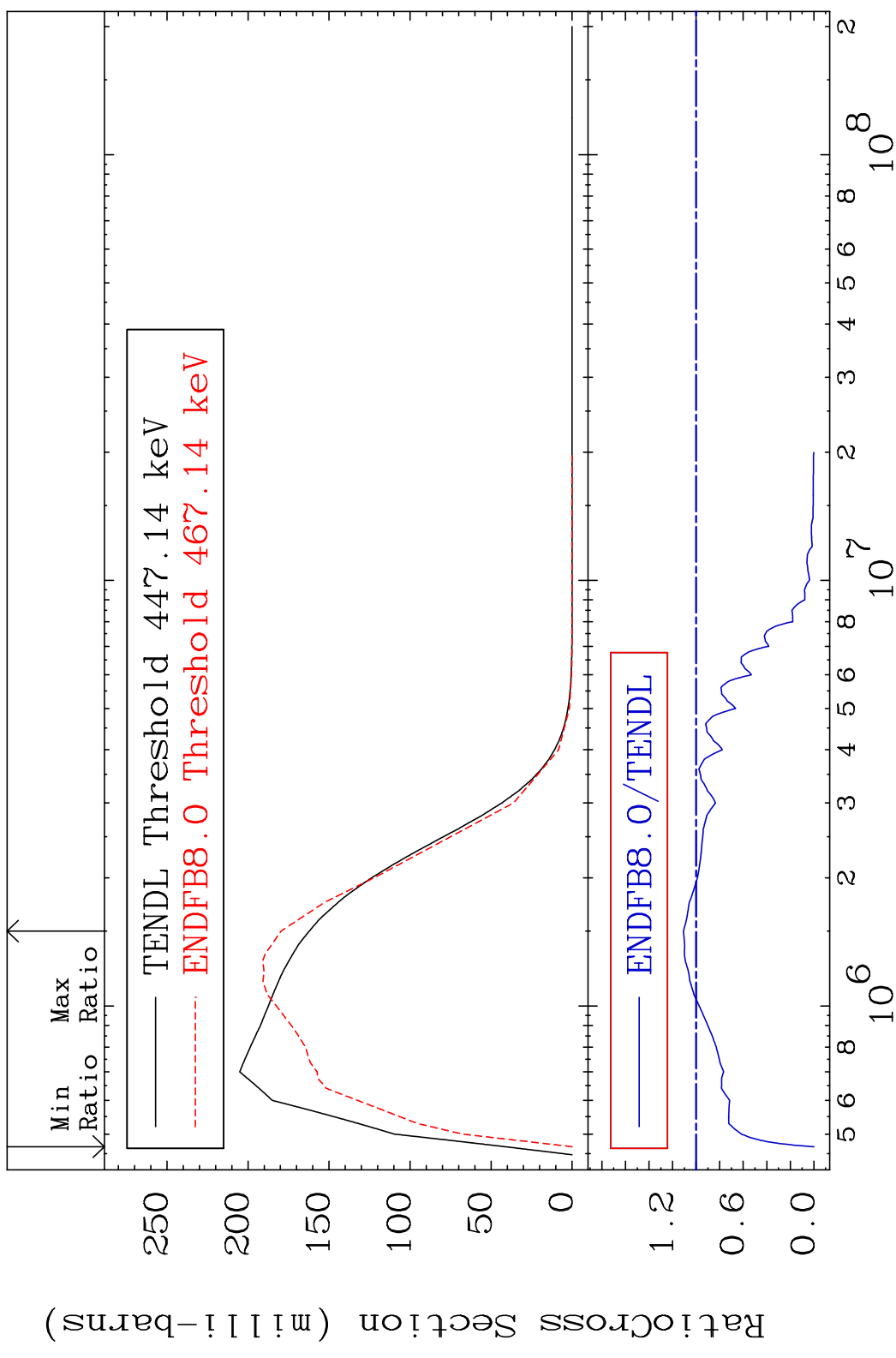


MAT 5240 MT= 54 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 231.1 %



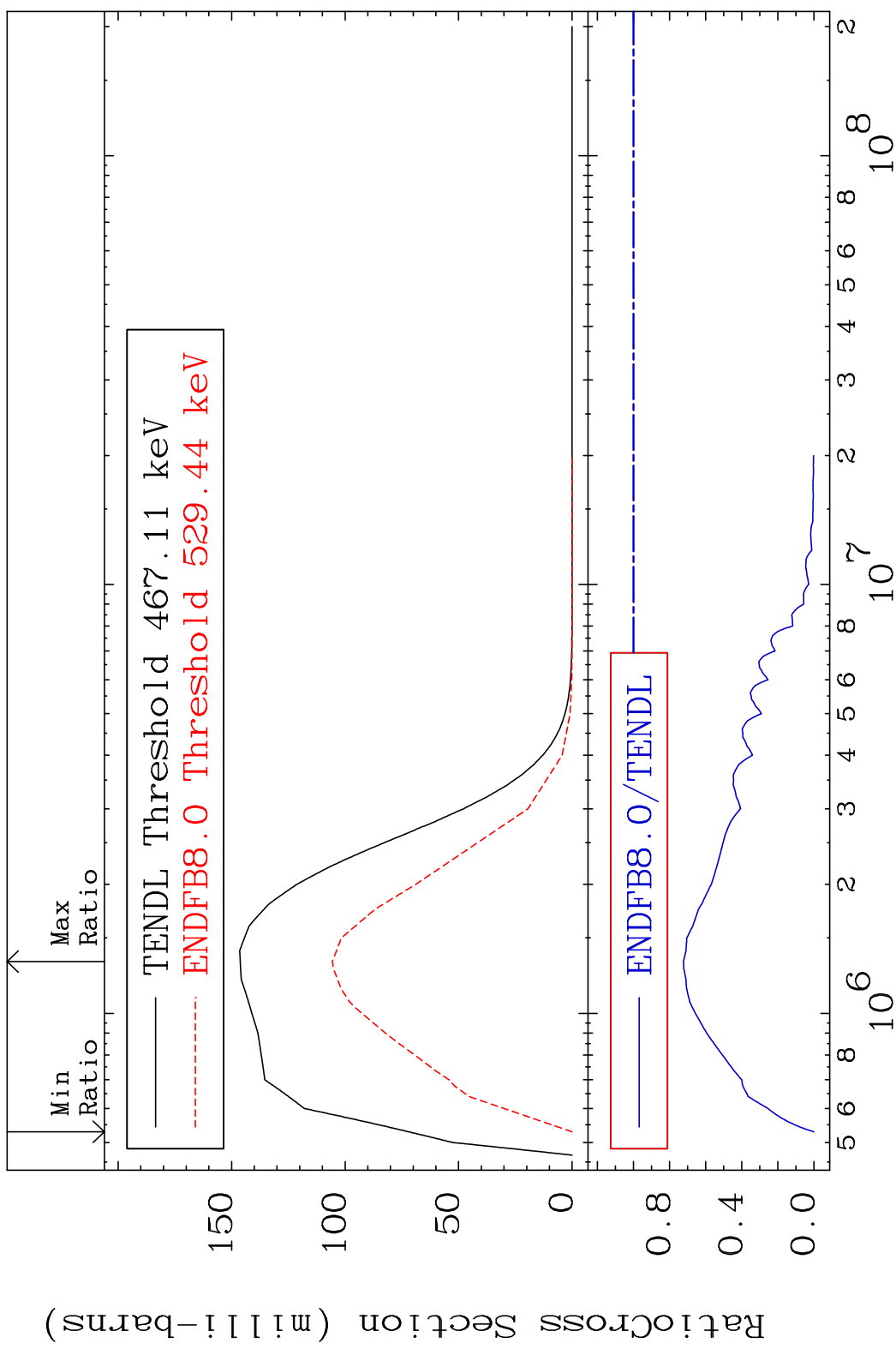
12 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 55 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 10.75 %



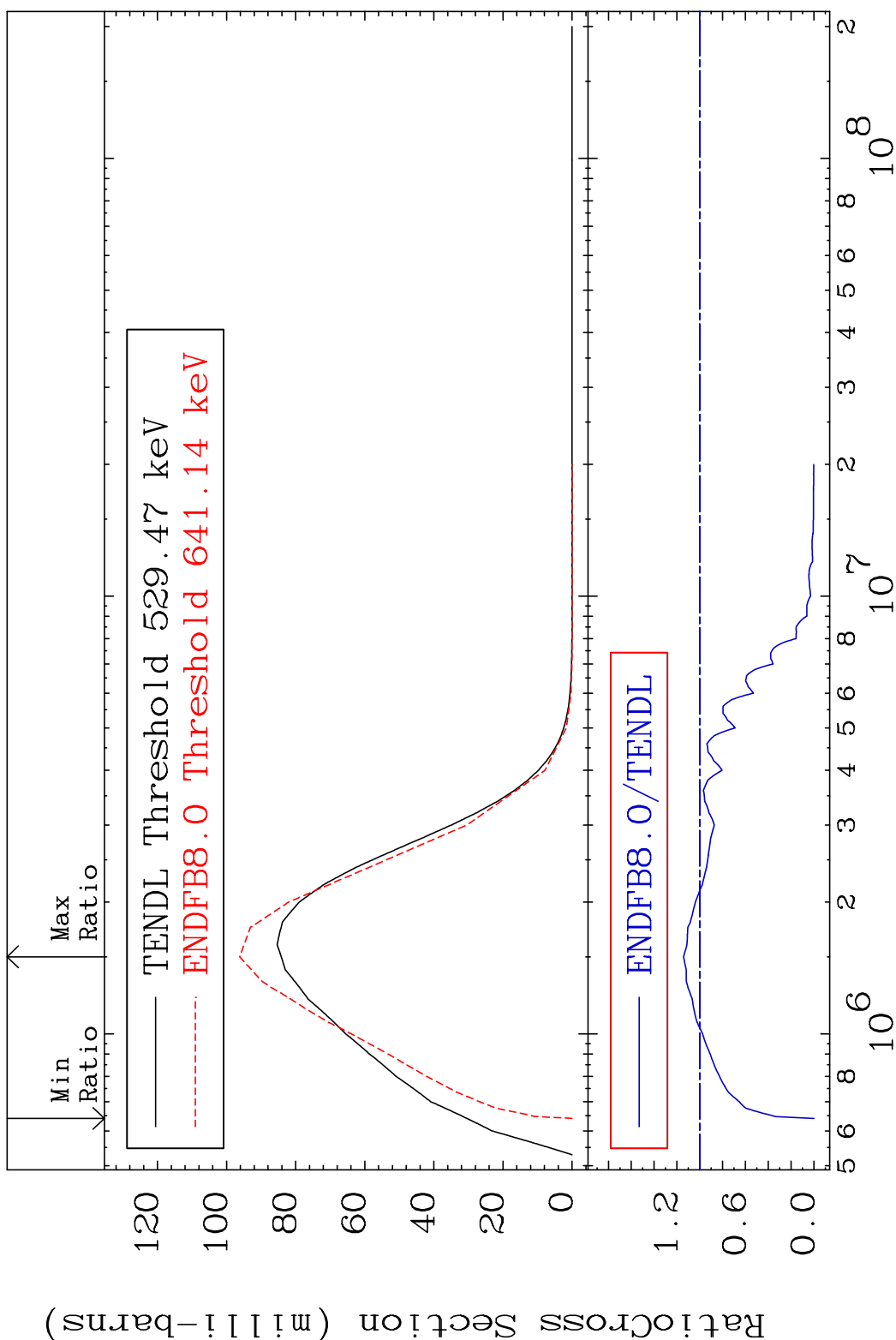
13 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 56 (n, n') Level 52-Te-125  
 Cross Section -100.0 To -27.74%



14 Incident Energy (eV) 52-Te-125

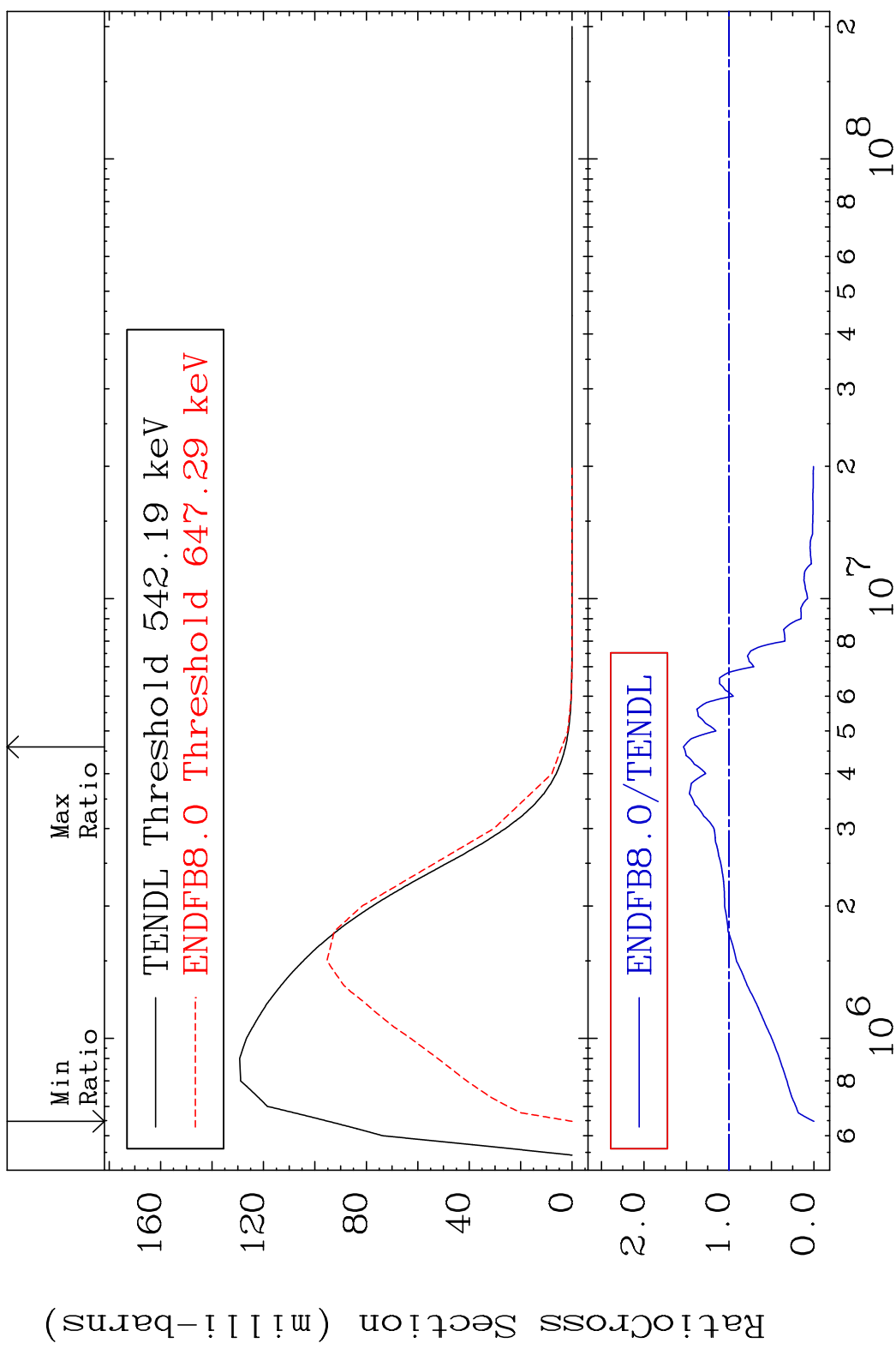
MAT 5240 MT= 57 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 14.29 %



15 Incident Energy (eV) 52-Te-125

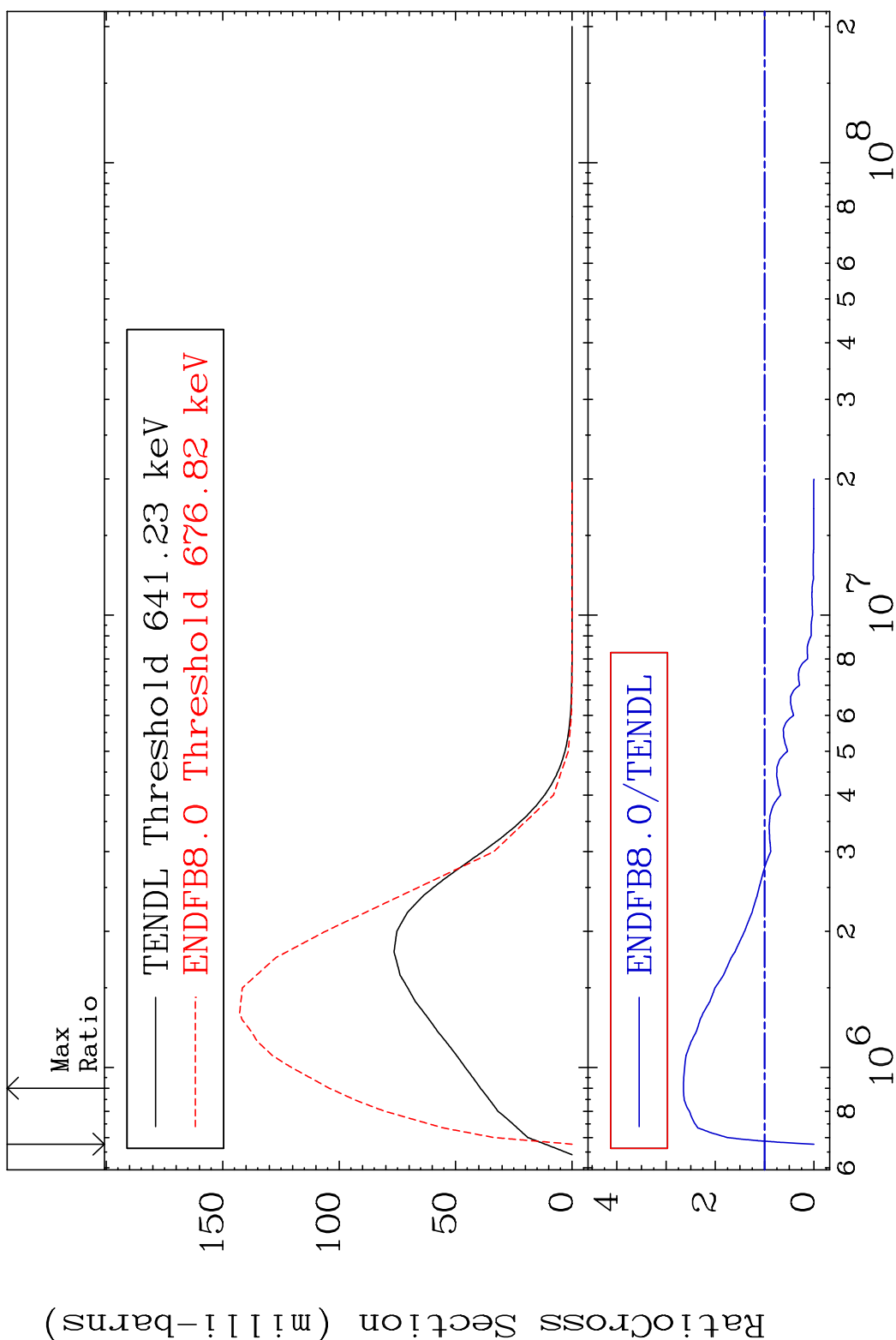


MAT 5240 MT= 58 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 53.51 %



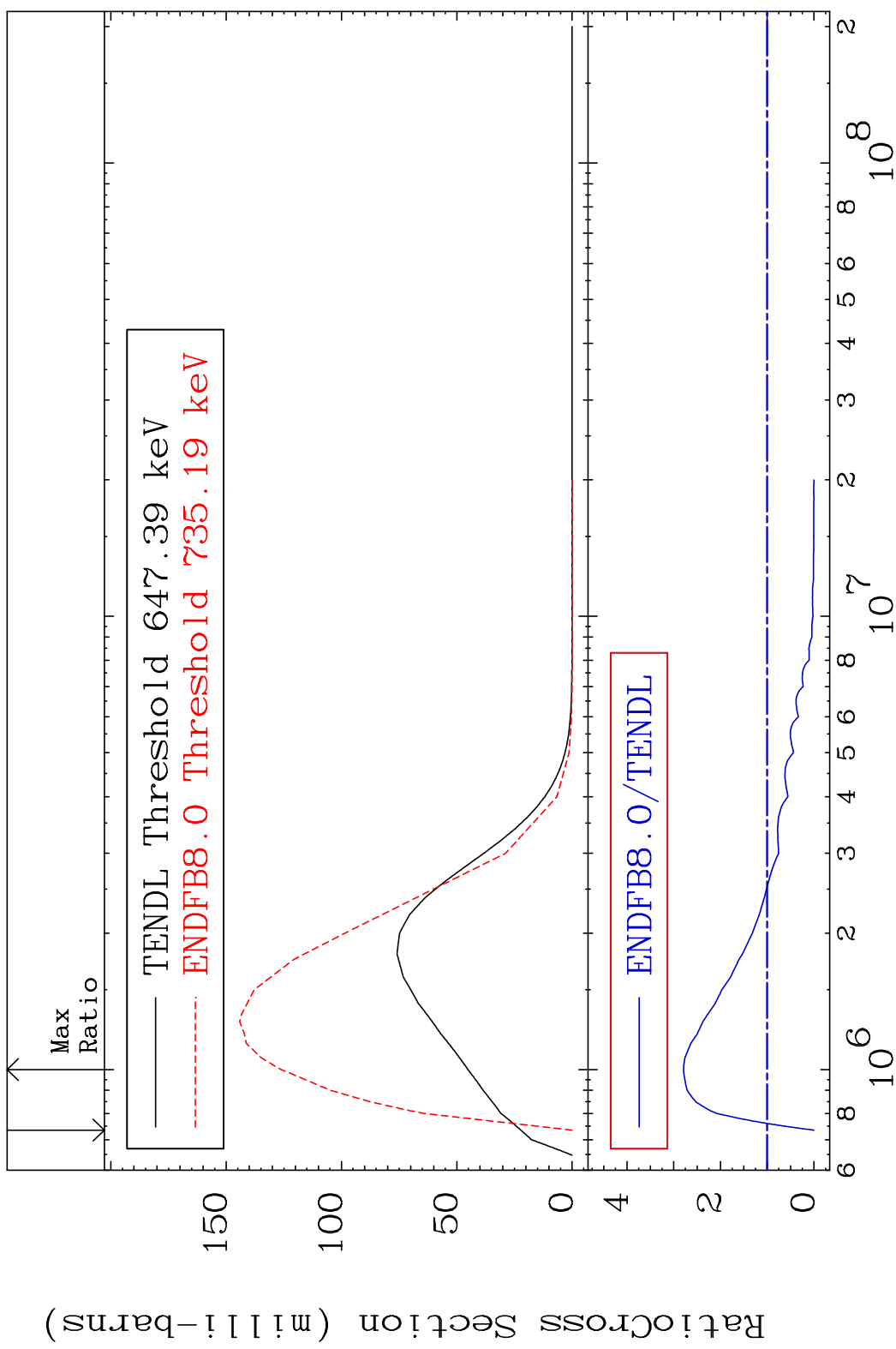
16 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 59 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 164.7 %



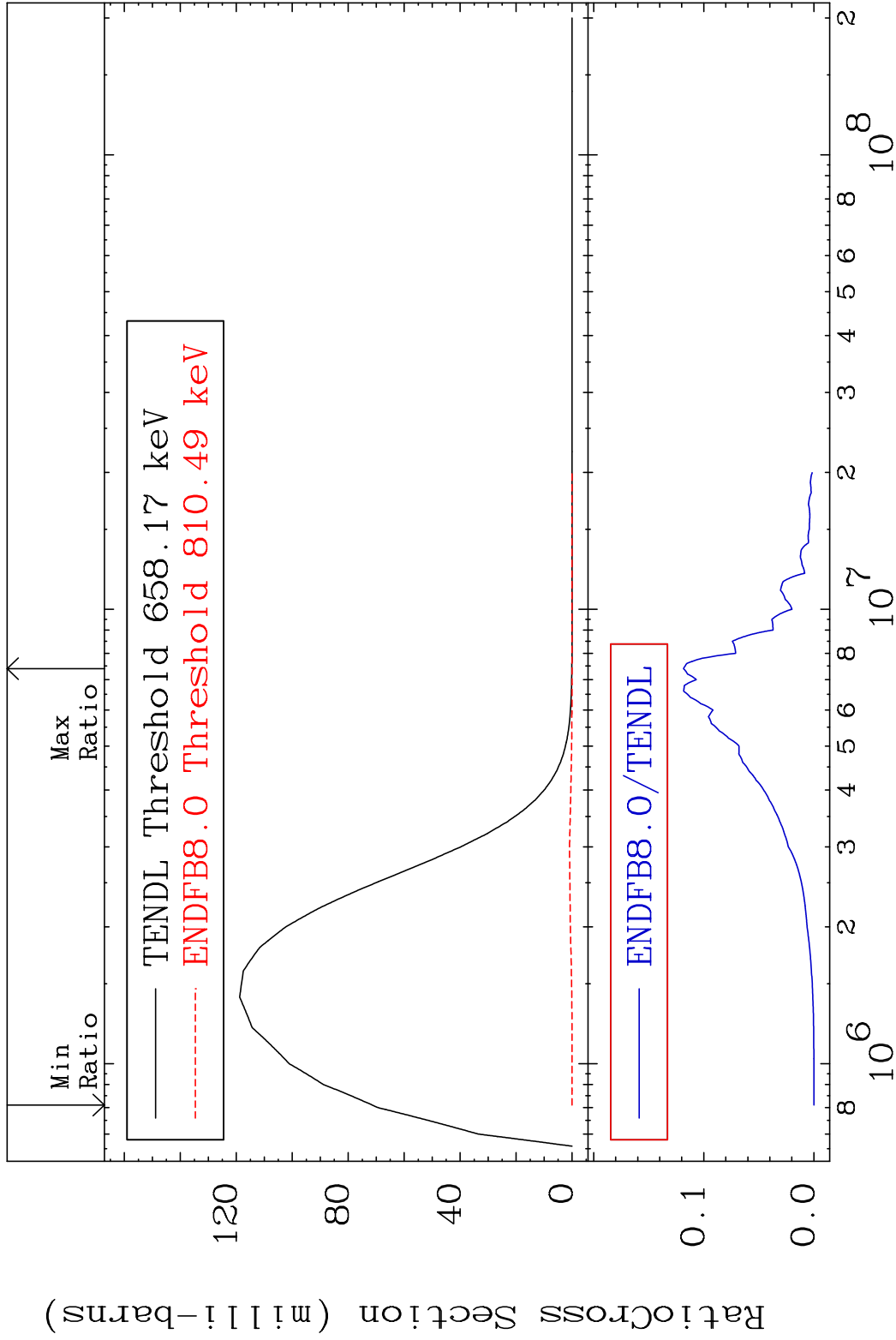
17 52-Te-125

MAT 5240 MT= 60 (n, n') Level 52-Te-125  
 Cross Section -100.0 To 179.2 %



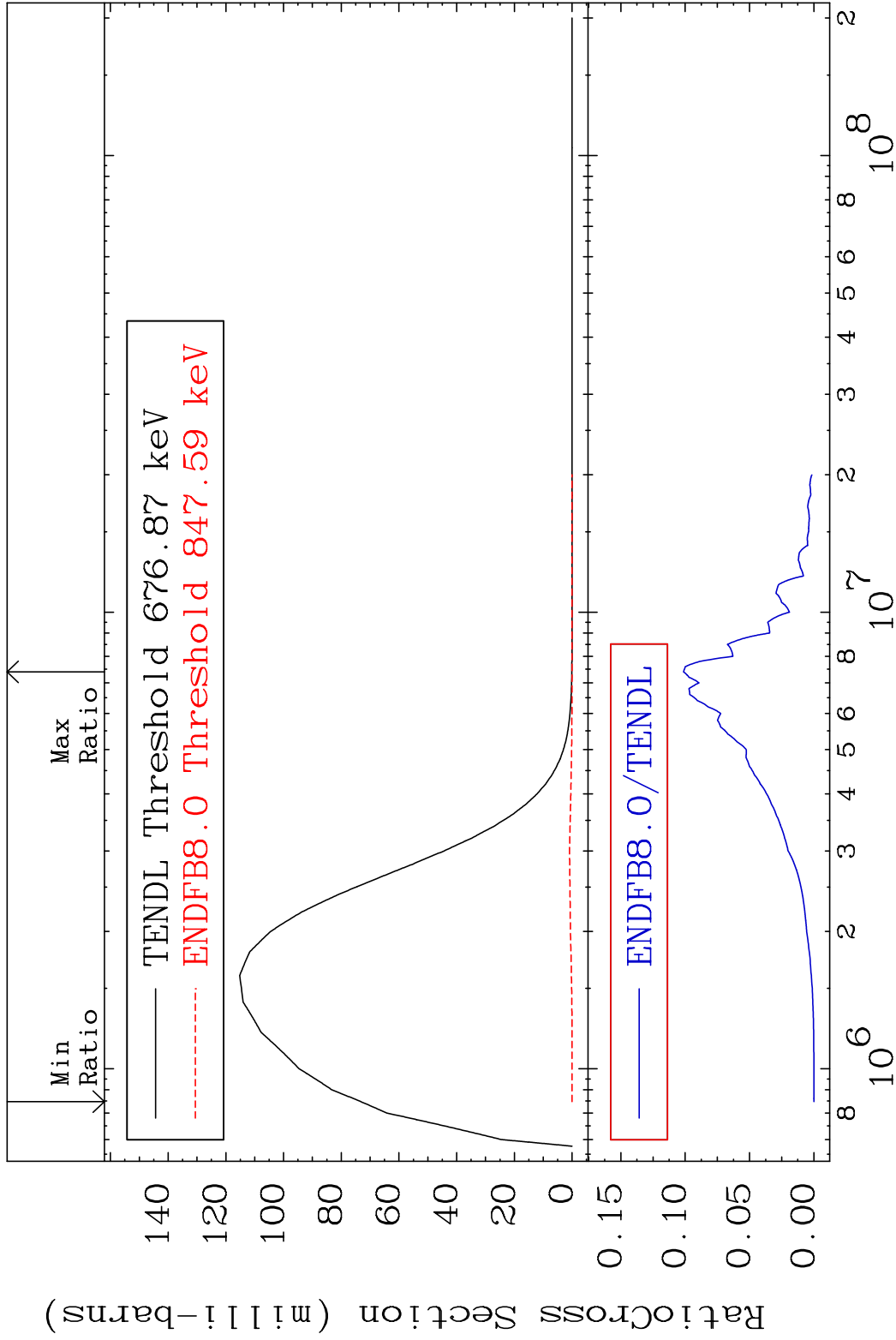
18 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 61 (n, n') Level 52-Te-125  
 Cross Section -100.0 To -88.15%



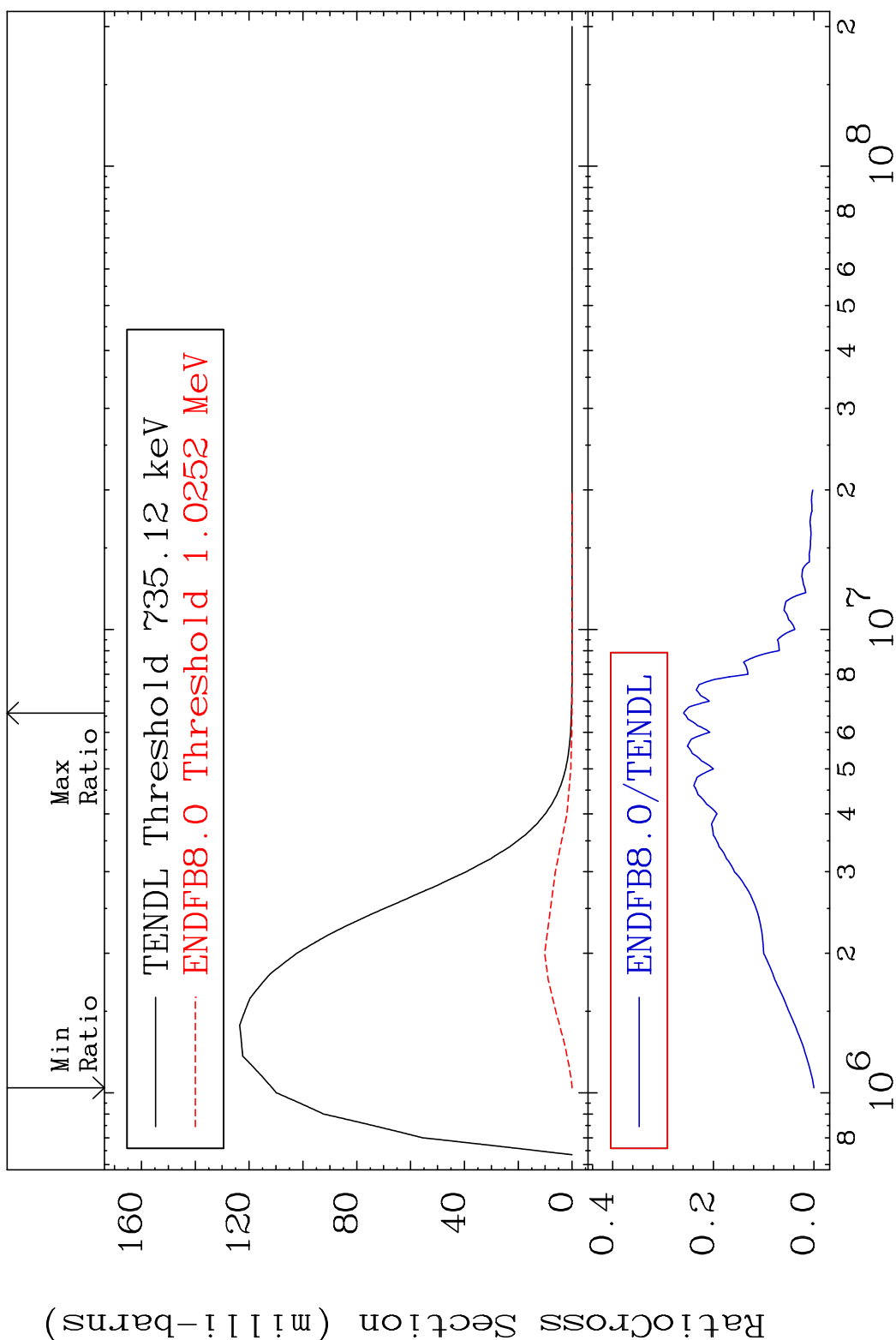
19 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 62 (n, n') Level 52-Te-125  
 Cross Section -100.0 To -89.86%



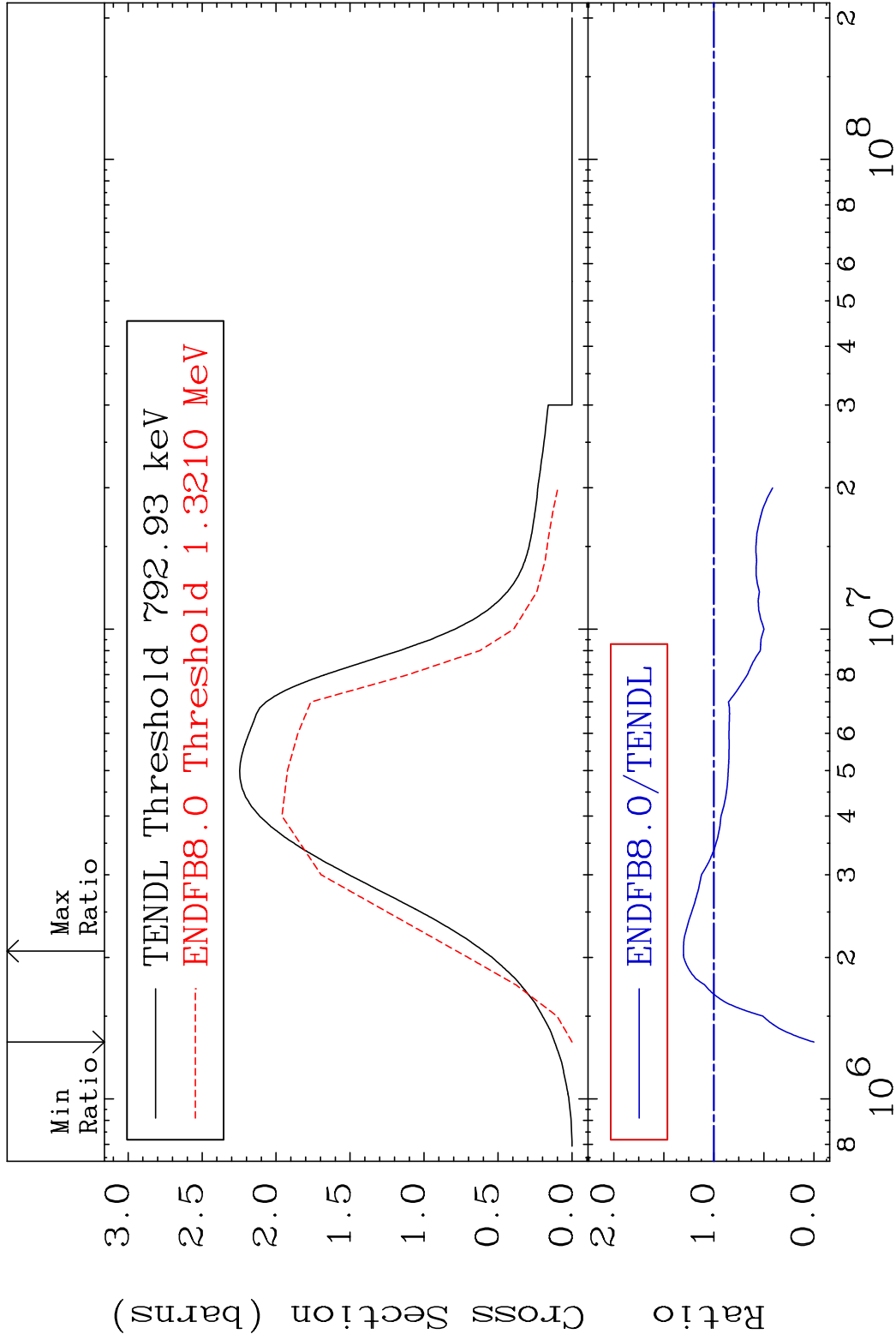
20 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 63 (n, n') Level 52-Te-125  
 Cross Section -100.0 To -74.06%

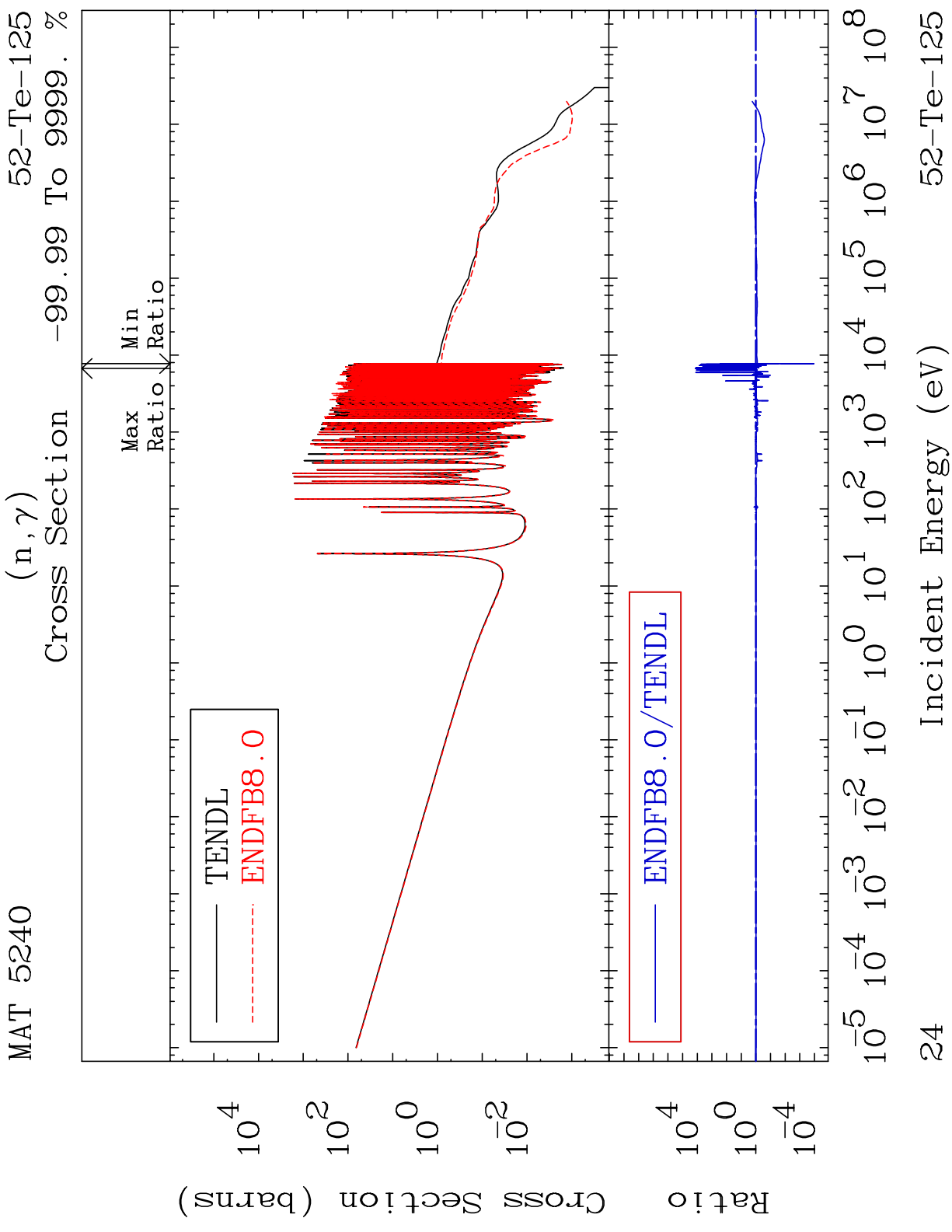




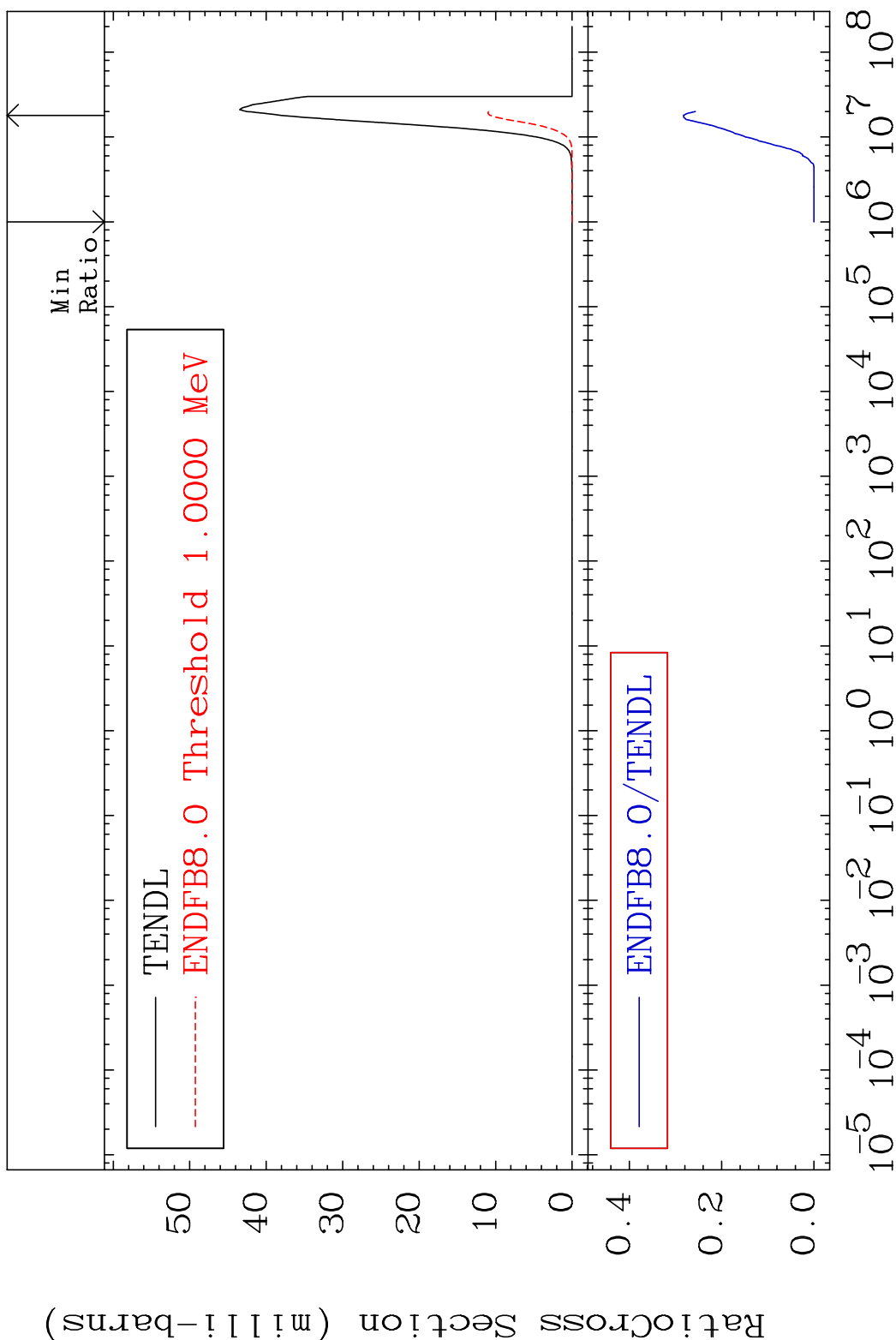
MAT 5240 (n, n') Continuum 52-Te-125  
 Cross Section -100.0 To 30.38 %



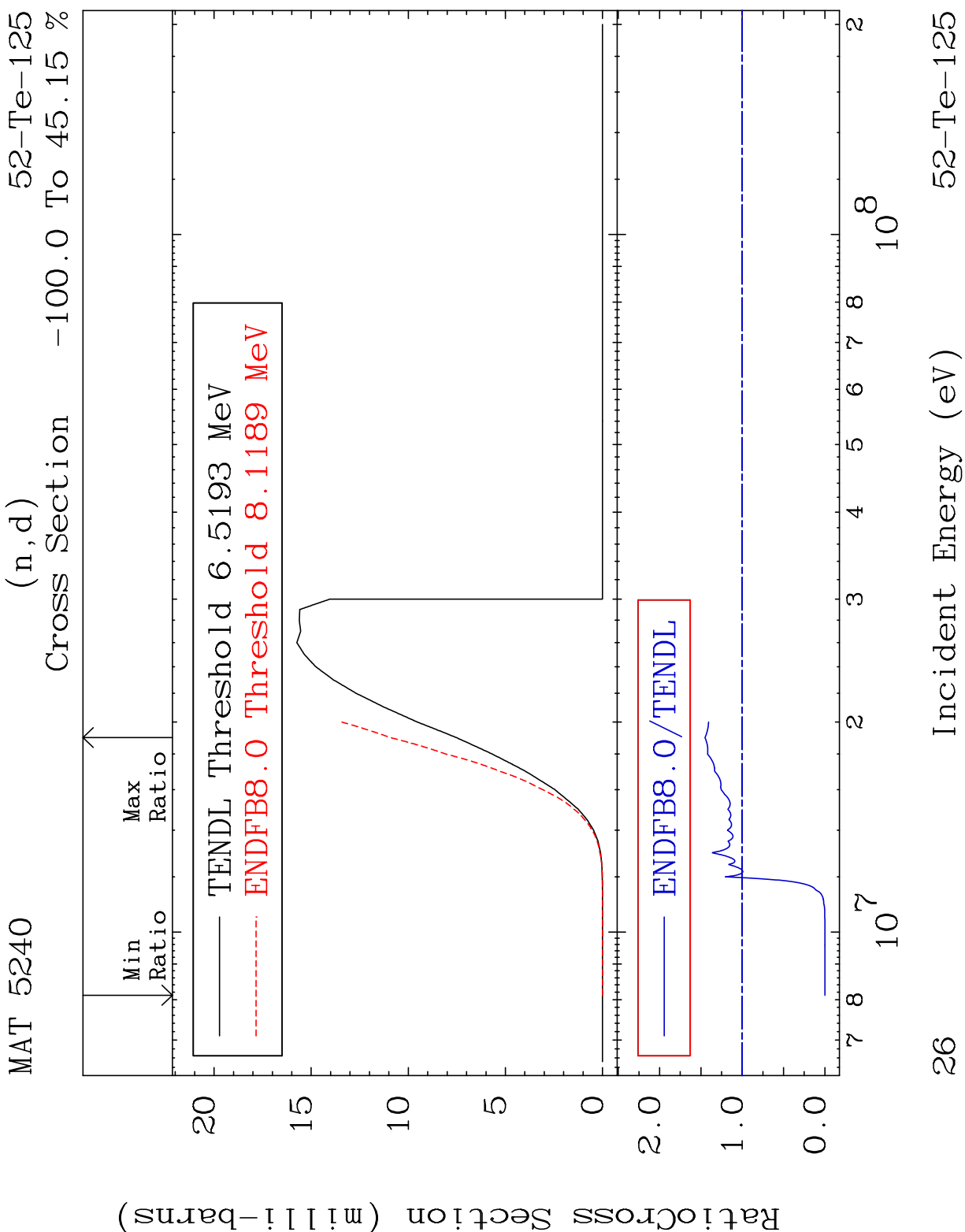


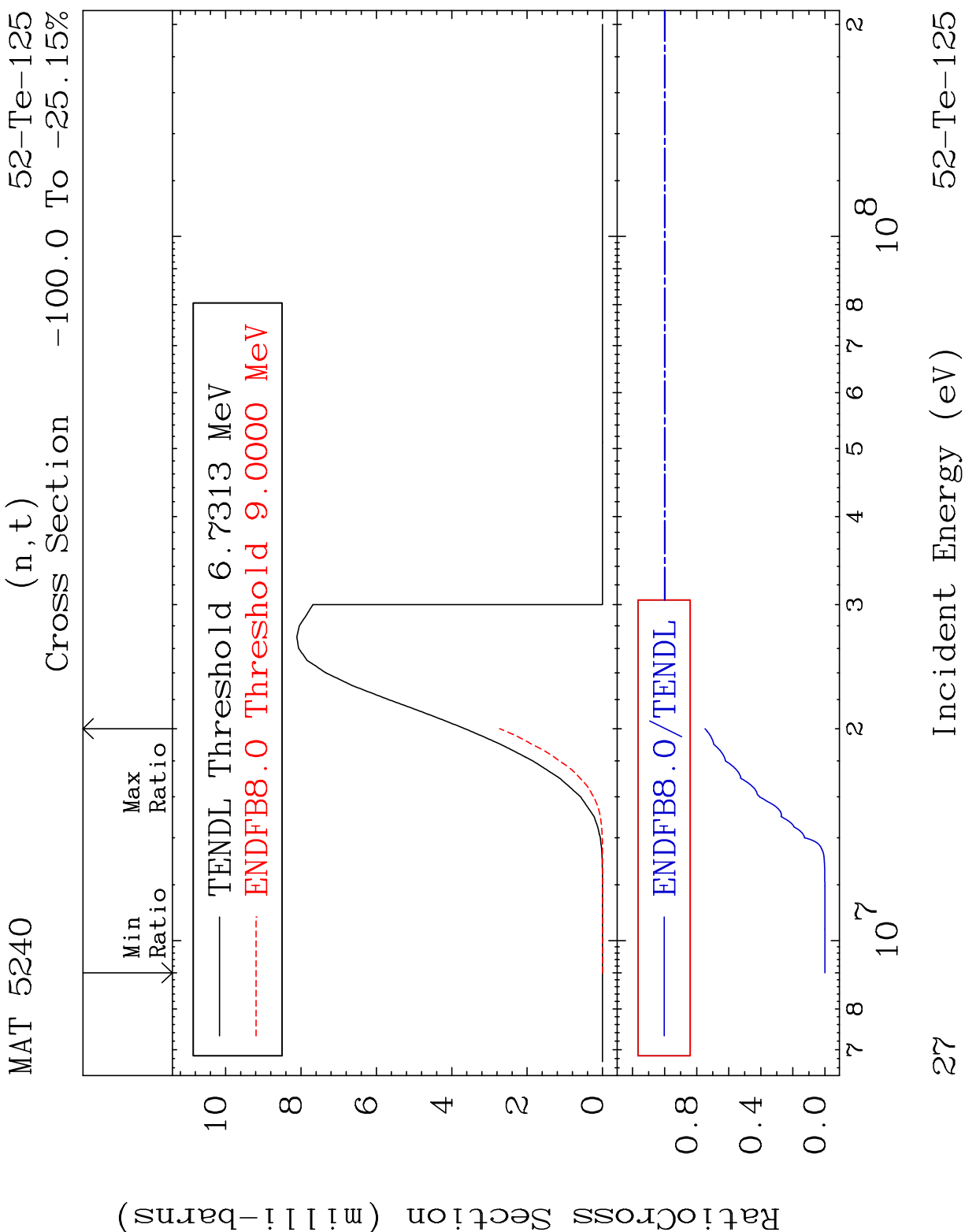


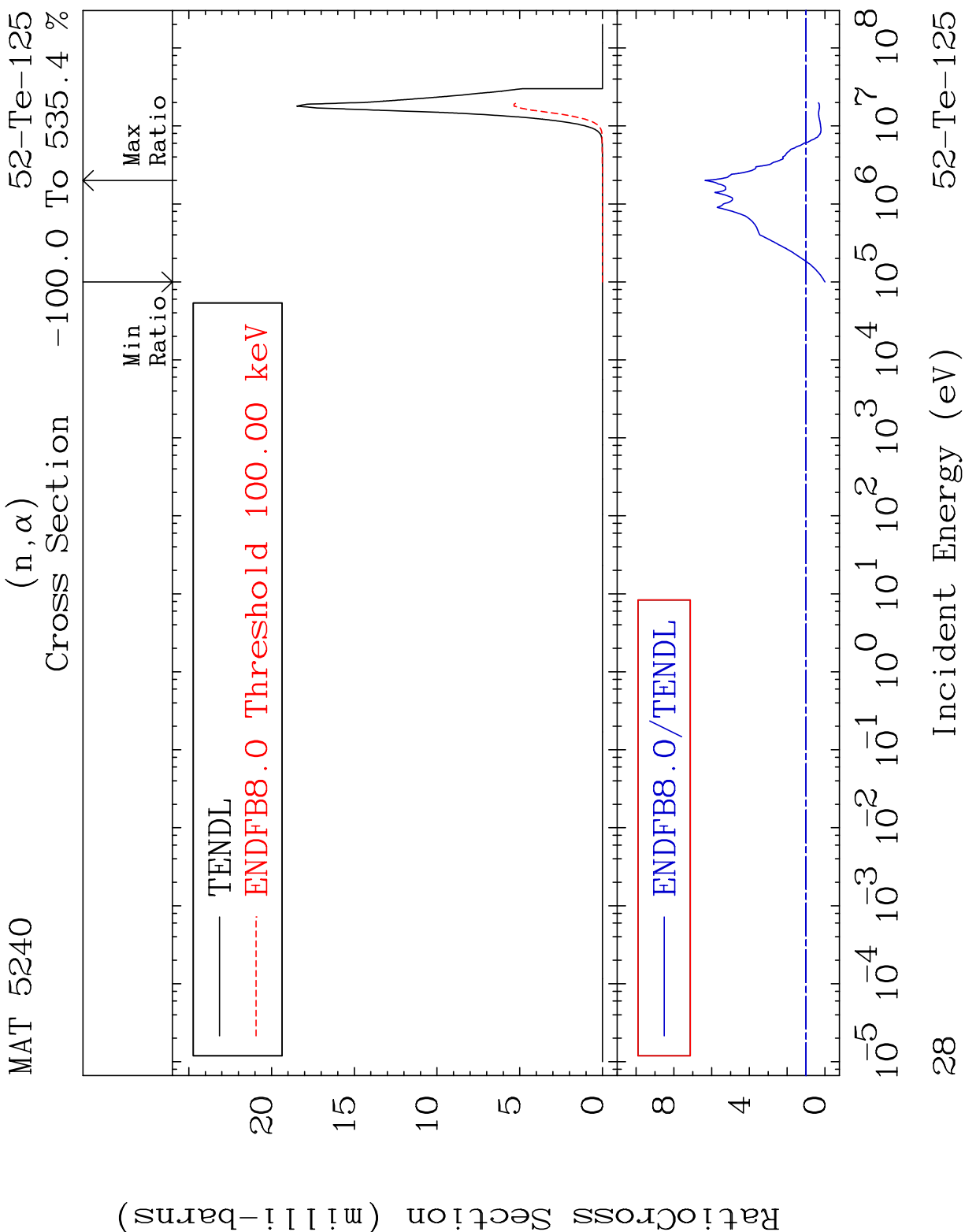
MAT 5240 (n, p) 52-Te-125  
 Cross Section -100.0 To -71.72%



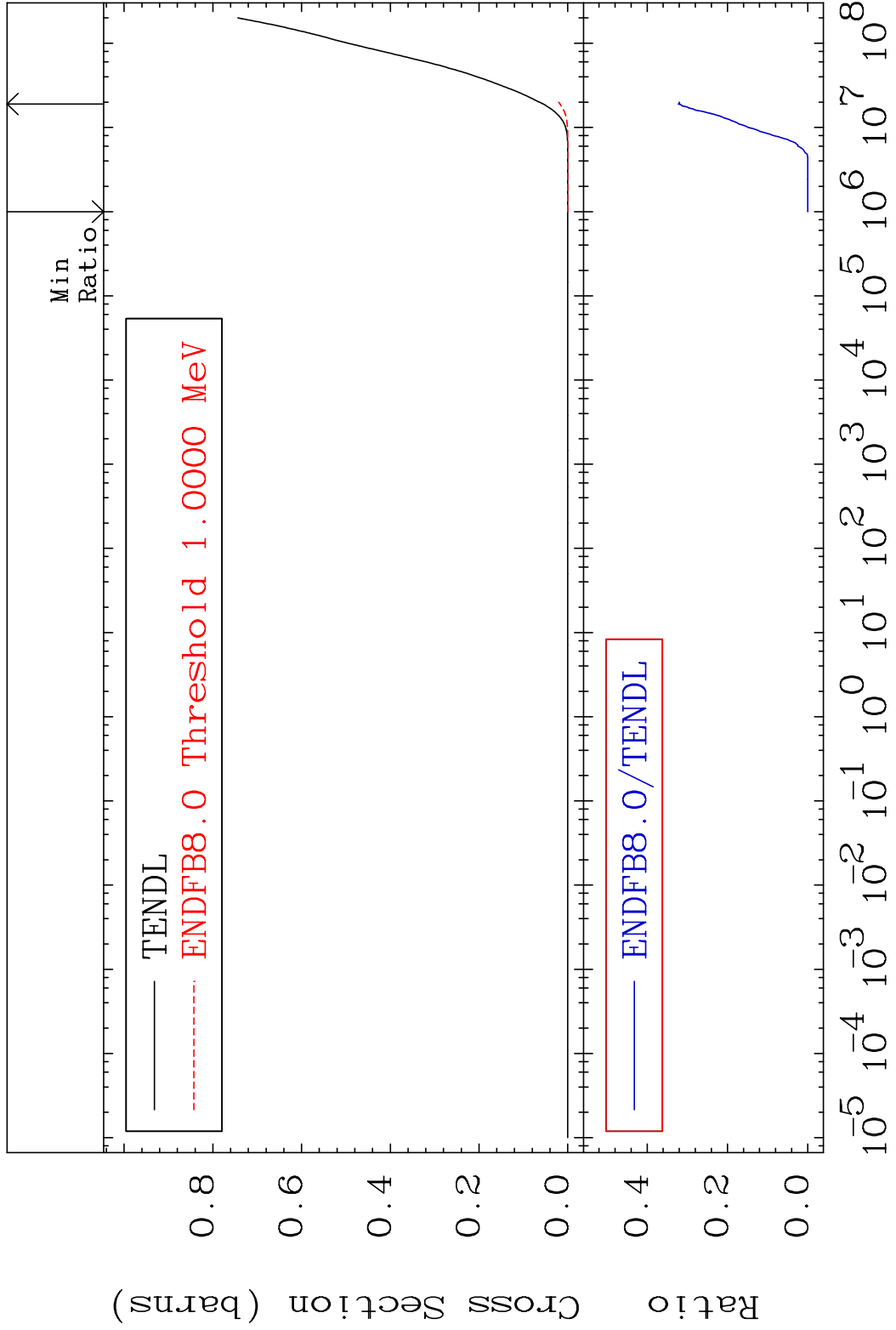
25 Incident Energy (eV) 52-Te-125



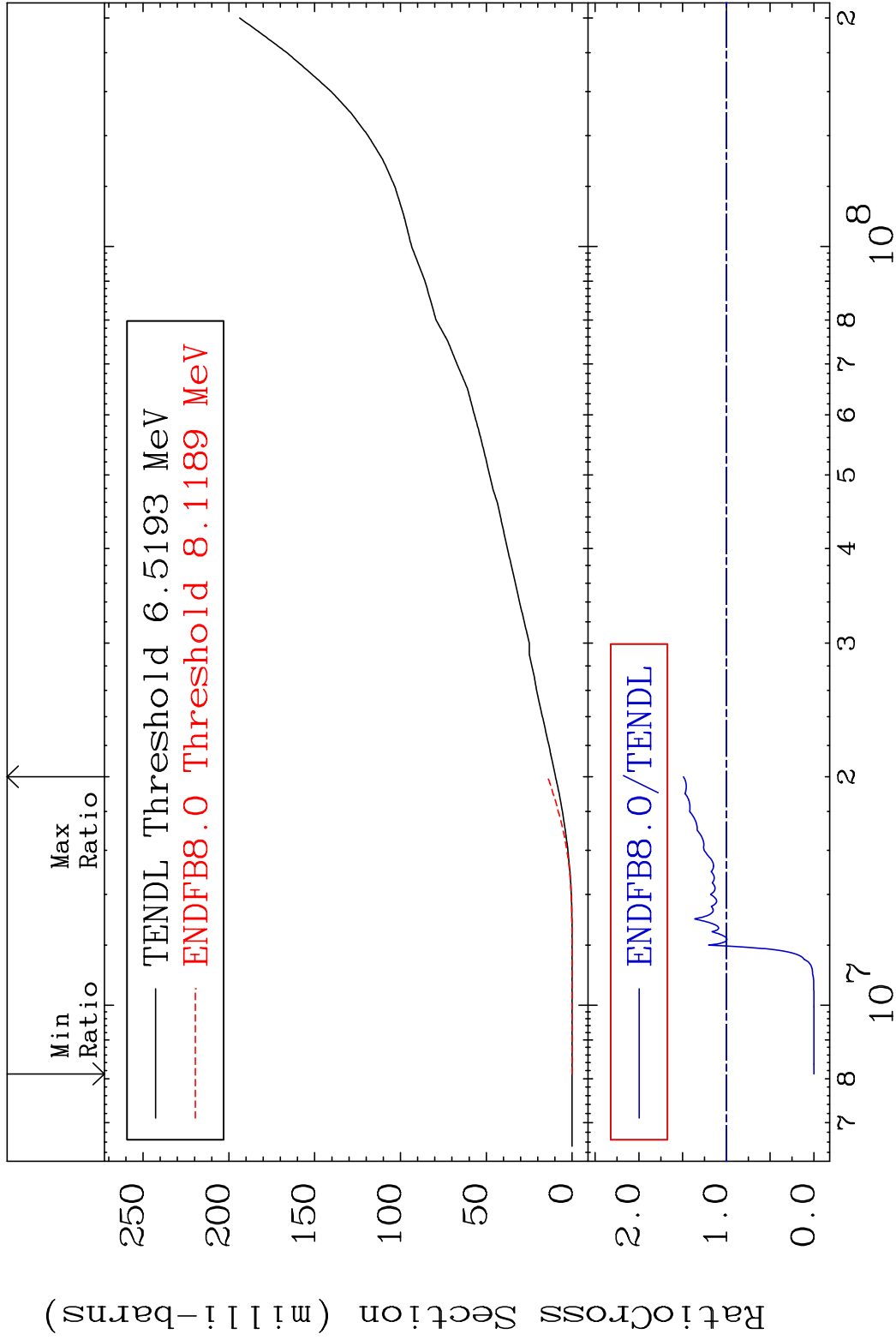




MAT 5240 Hydrogen Production 52-Te-125  
 Cross Section -100.0 To -67.75%

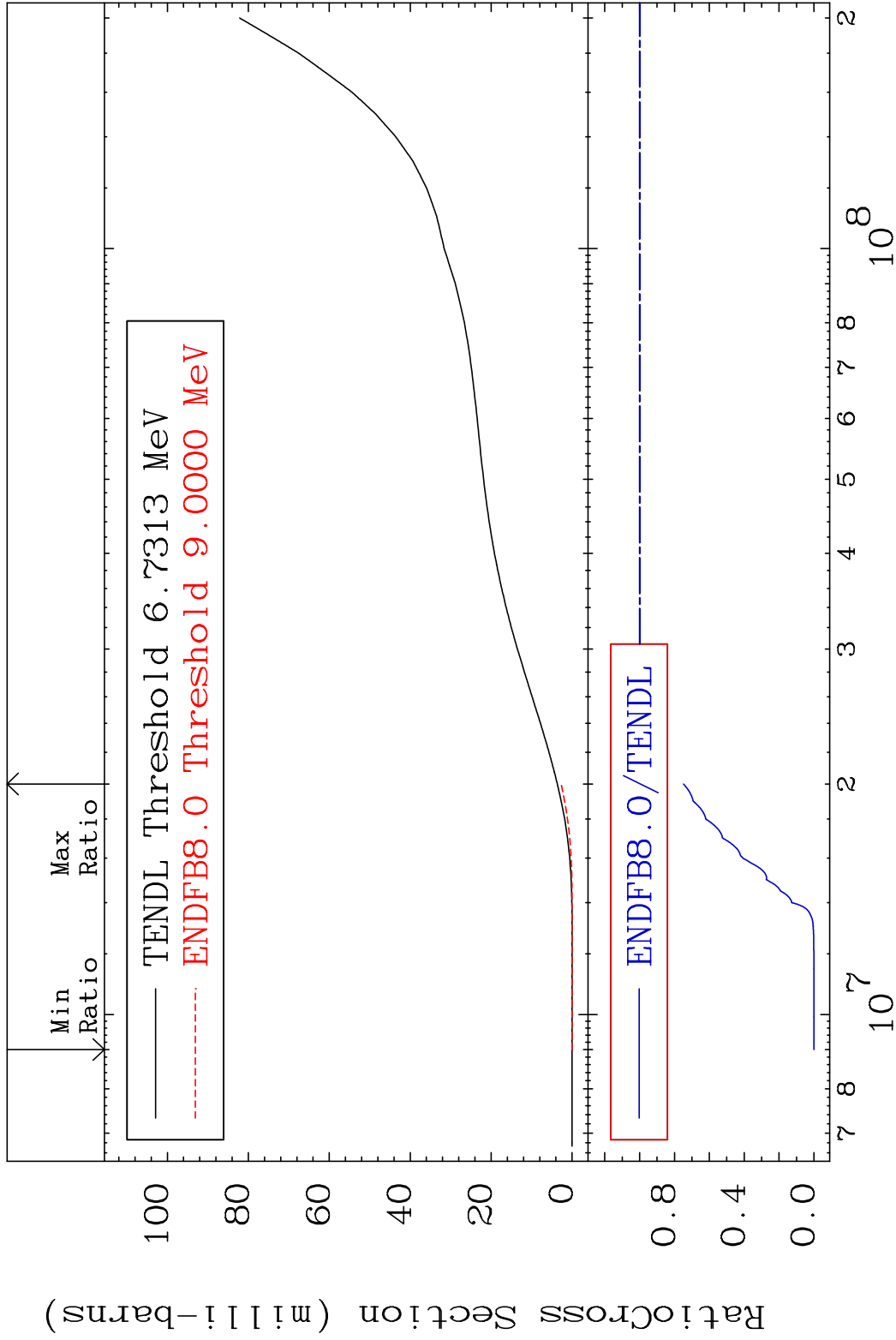


MAT 5240 Deuterium Production 52-Te-125  
 Cross Section -100.0 To 49.10 %



30 Incident Energy (eV) 52-Te-125

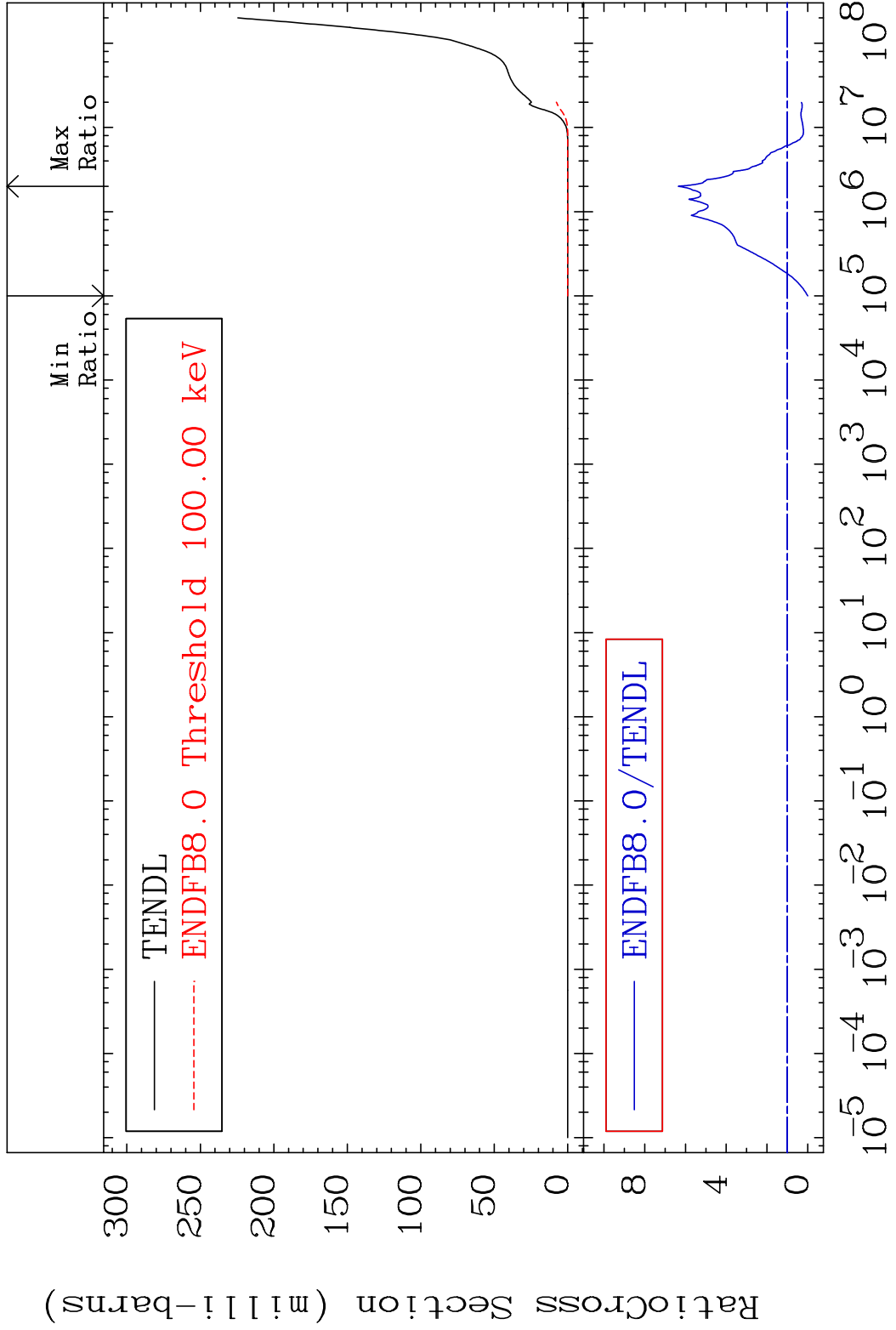
MAT 5240 Tritium Production 52-Te-125  
 Cross Section -100.0 To -25.15%



31 52-Te-125

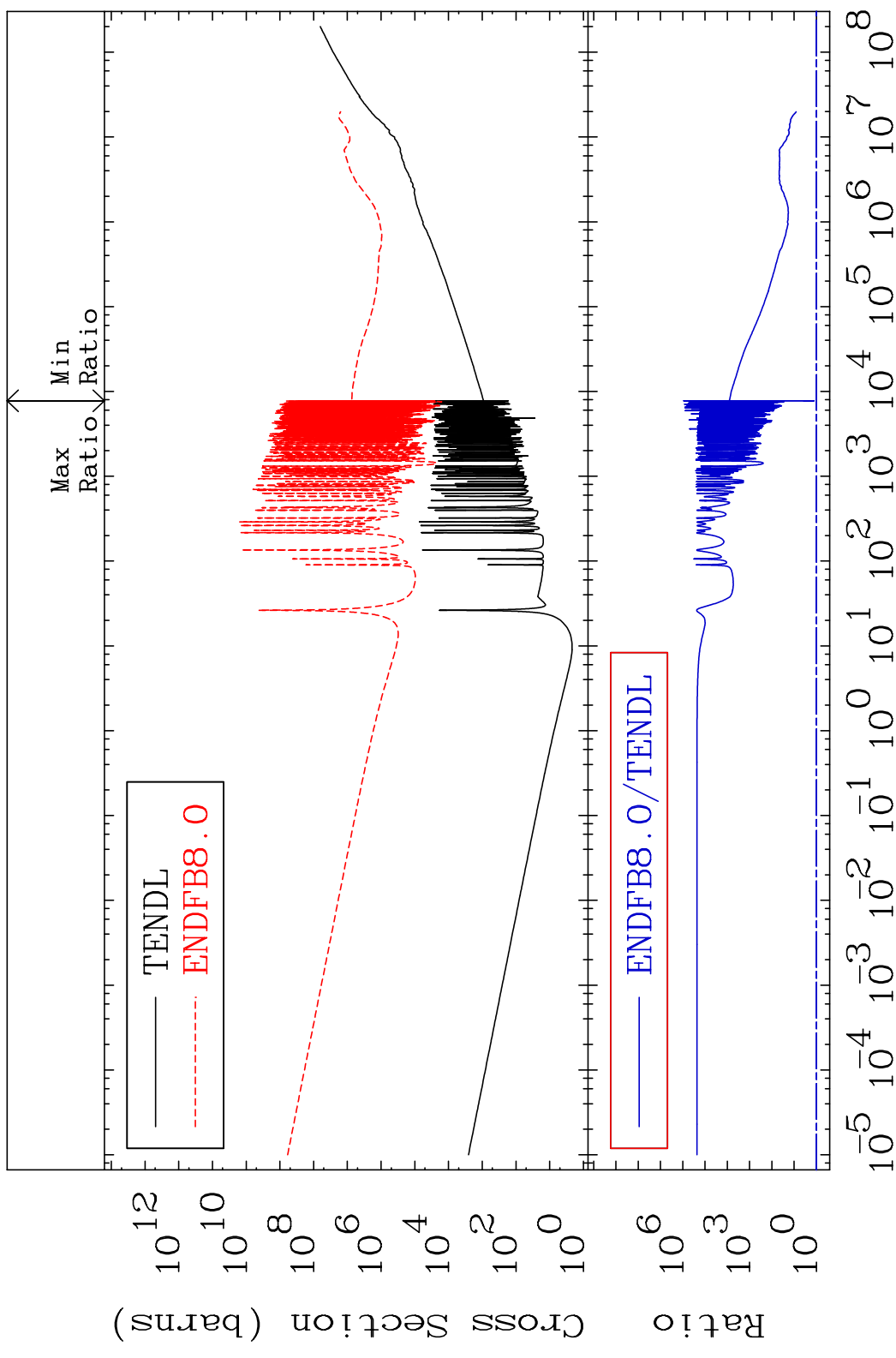


MAT 5240 He-4 Production 52-Te-125  
 Cross Section -100.0 To 535.4 %

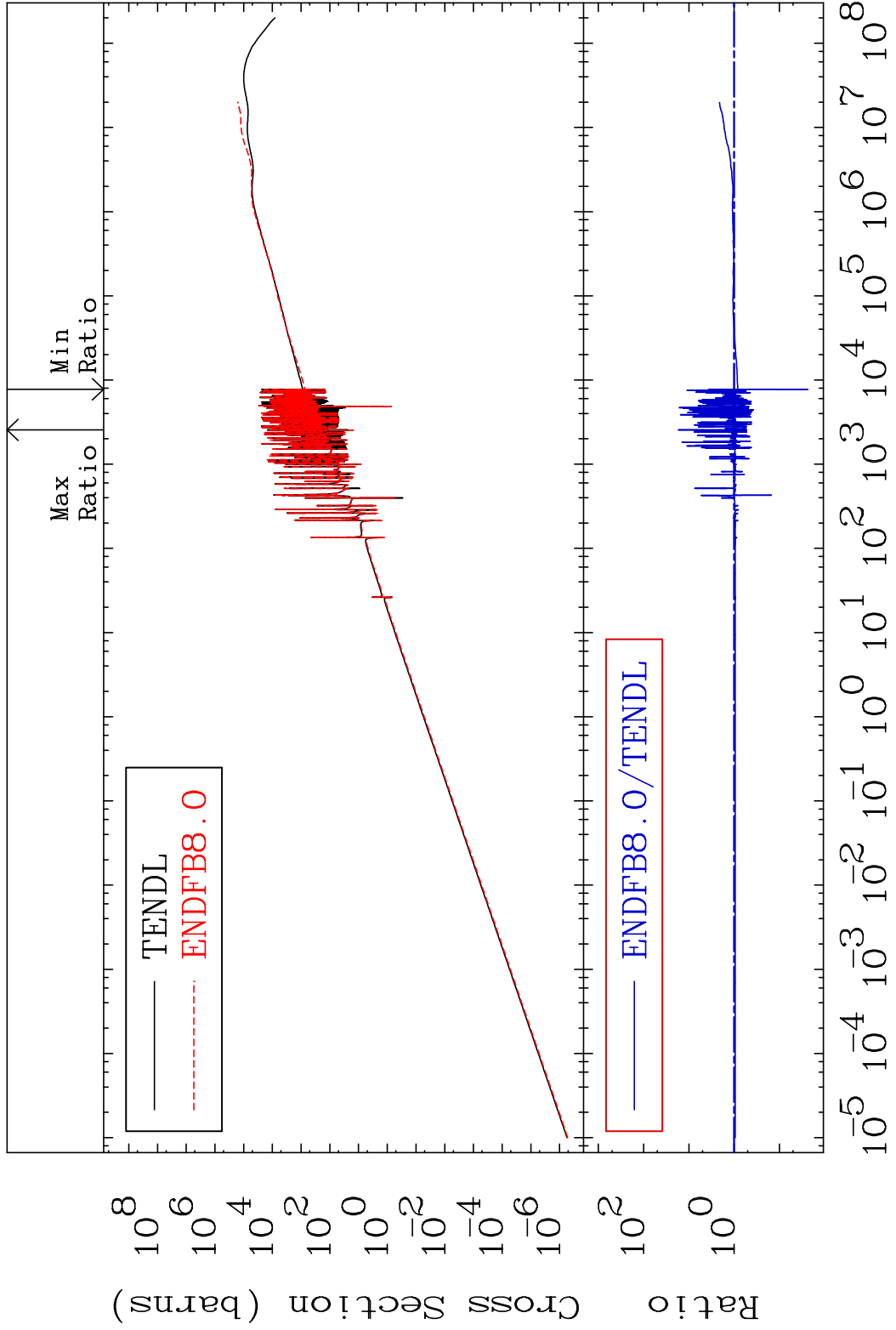


32 Incident Energy (eV) 52-Te-125

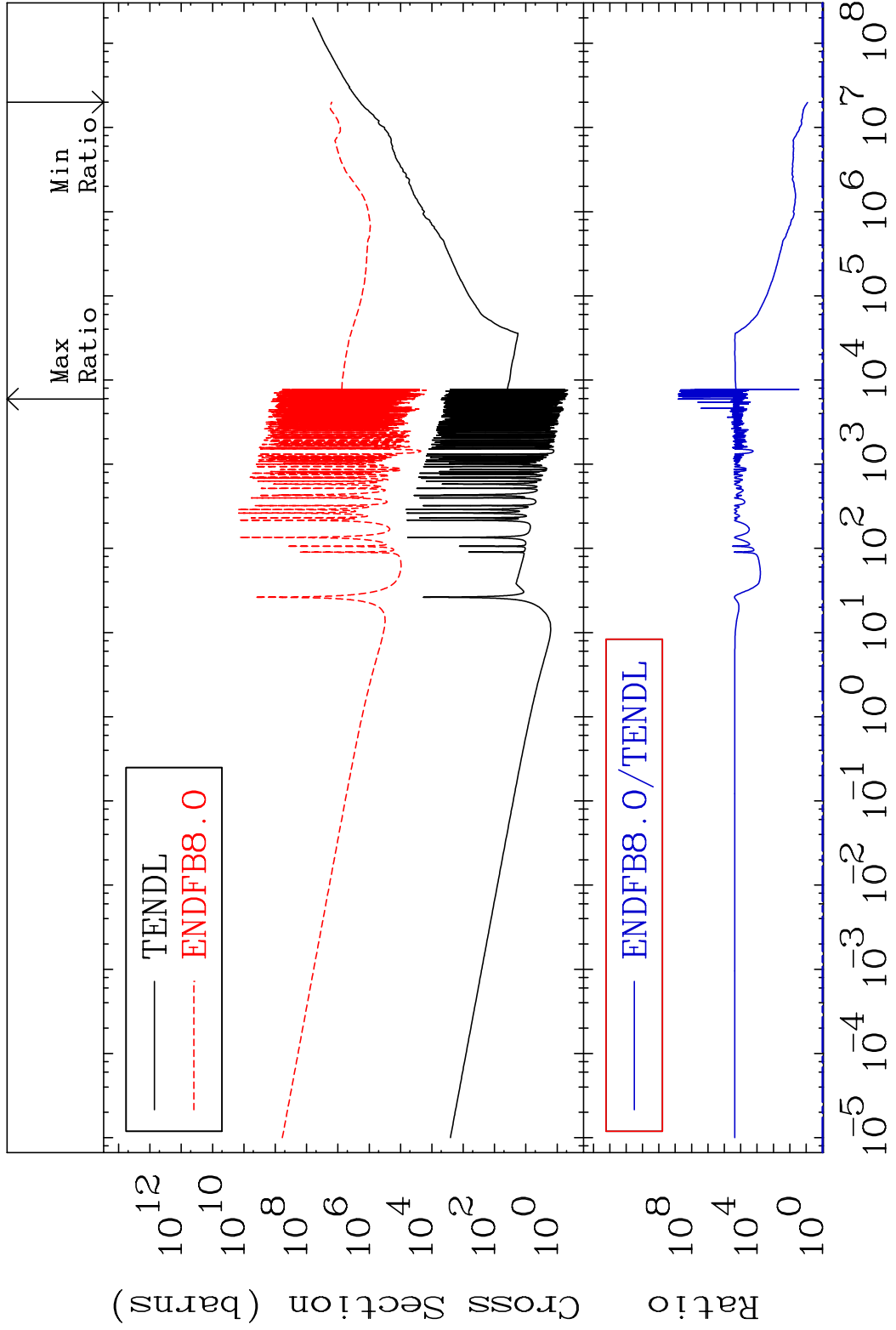
MAT 5240 Kerma total (eV-barns) 52-Te-125  
 Cross Section 29.06 To 9999. %



MAT 5240      Kerma elastic      52-Te-125  
 Cross Section      -97.64 To 1614. %

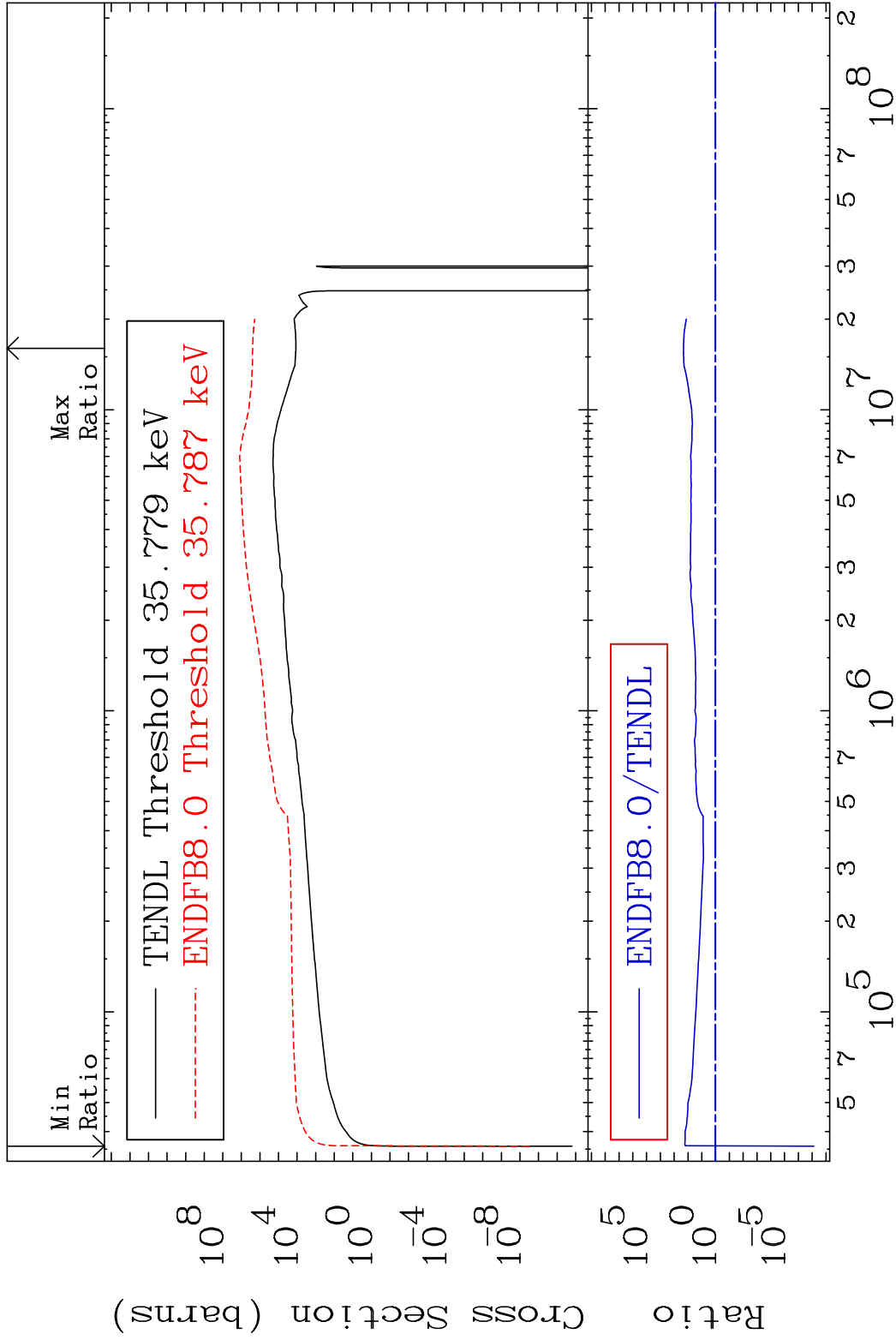


MAT 5240 Kerma non-elastic (all but mt2) 52-Te-125  
 Cross Section 705.6 To 9999. %

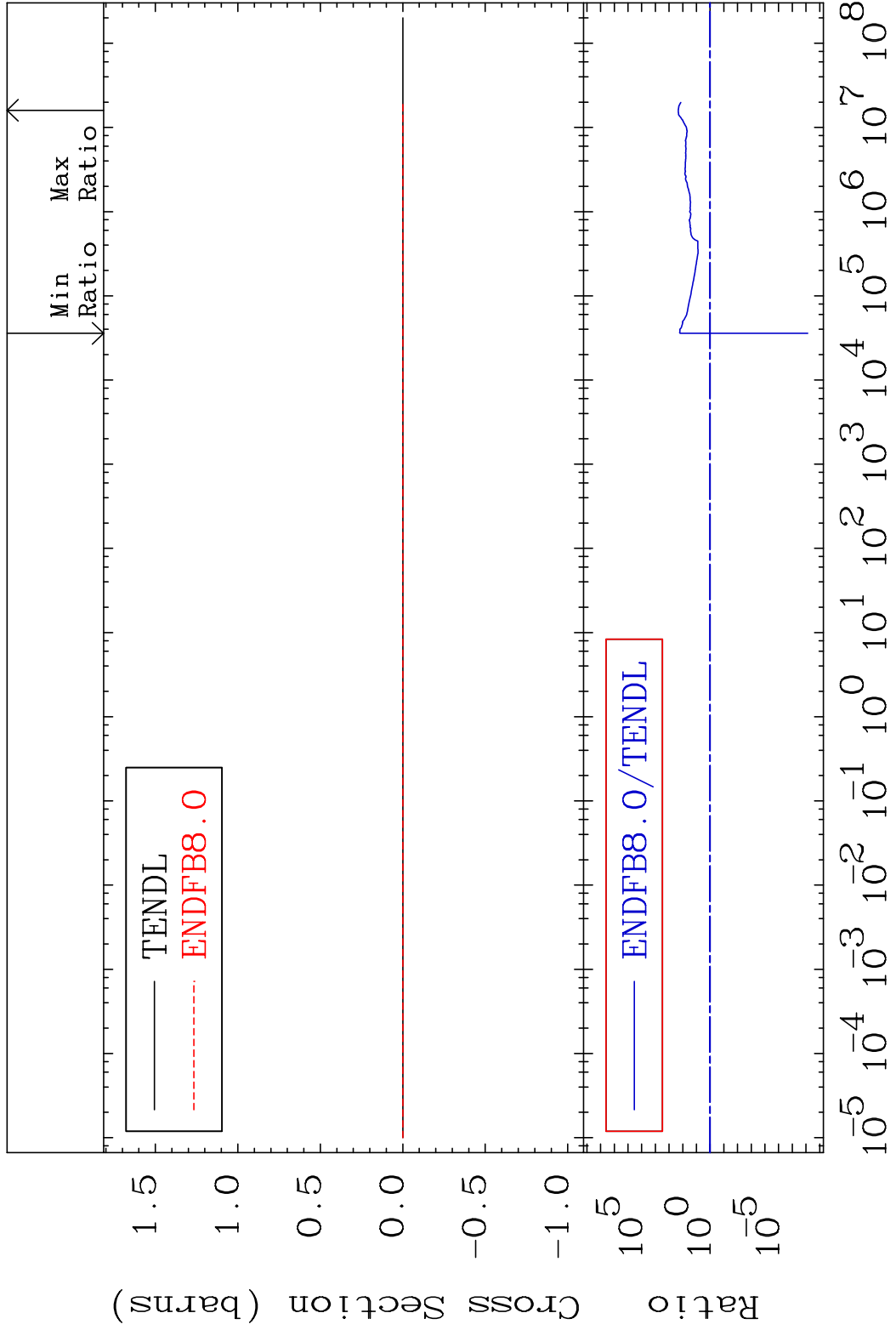


35 Incident Energy (eV) 52-Te-125

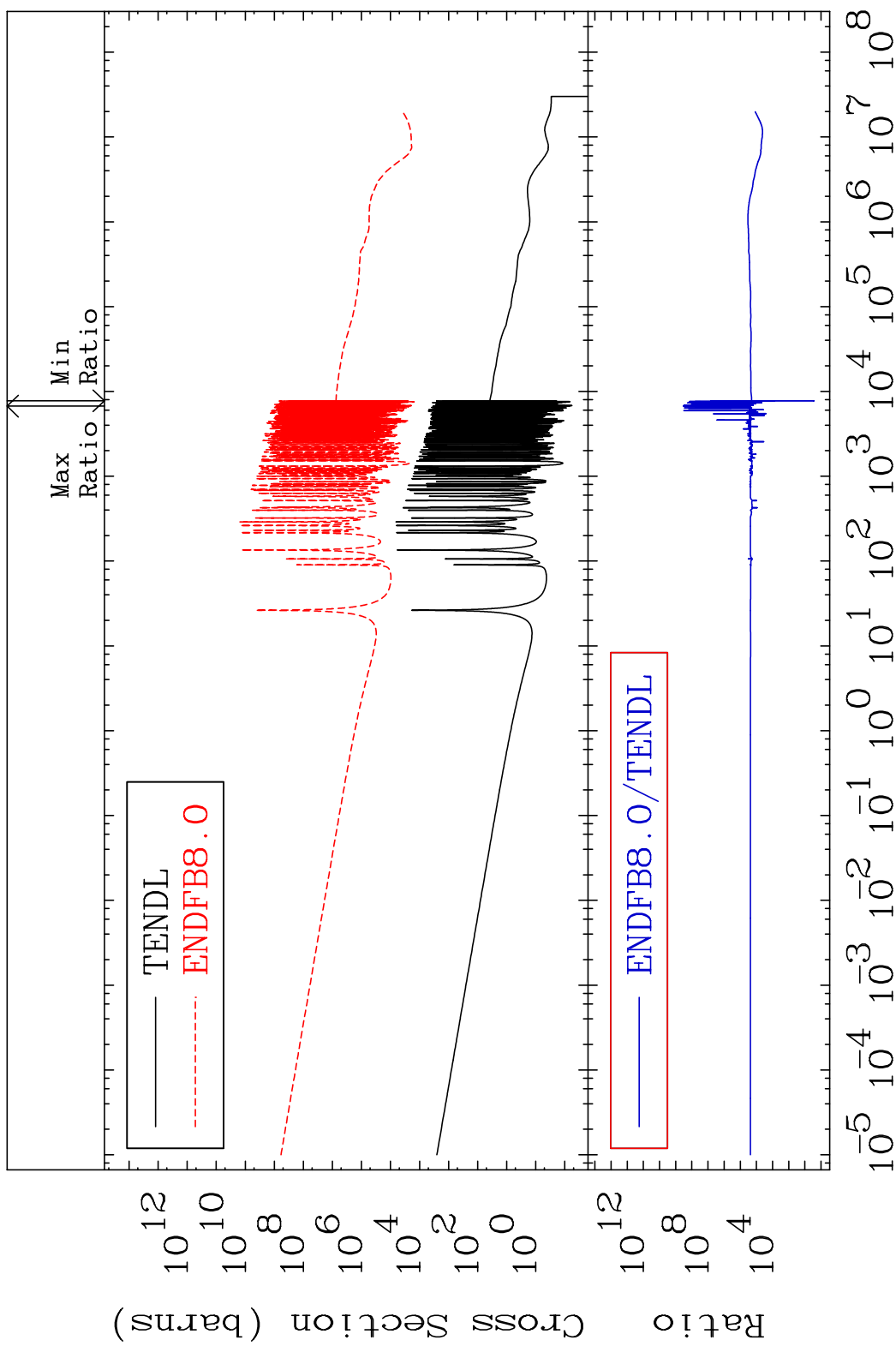
MAT 5240 Kerma inelastic (mt51-91) 52-Te-125  
 Cross Section -100.0 To 9999. %



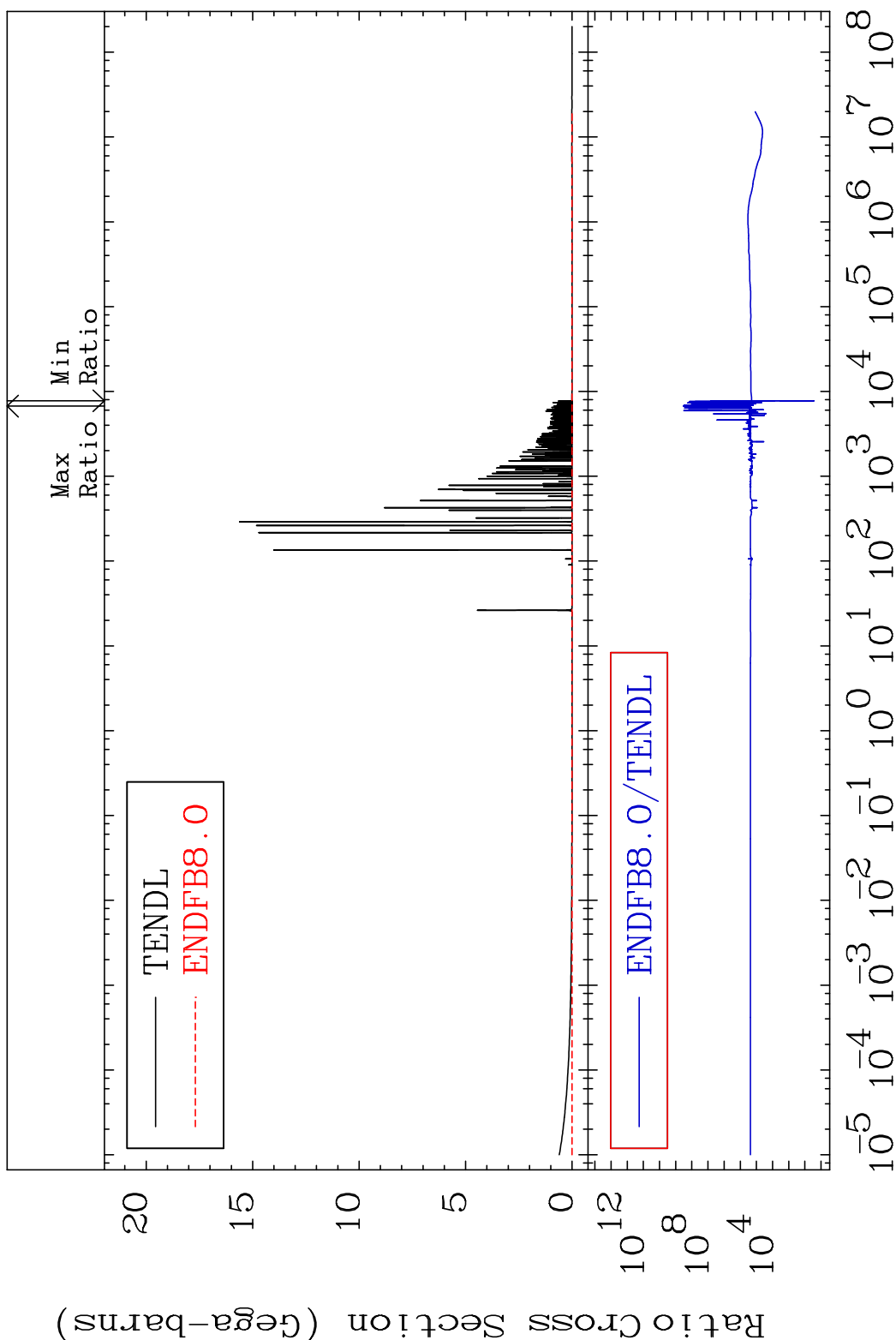
MAT 5240 Kerma fission (mt18 or mt19-20-21-38) 52-Te-125  
 Cross Section -100.0 To 9999. %



MAT 5240 Kerma capture (mt102) 52-Te-125  
 Cross Section 2678. To 9999. %



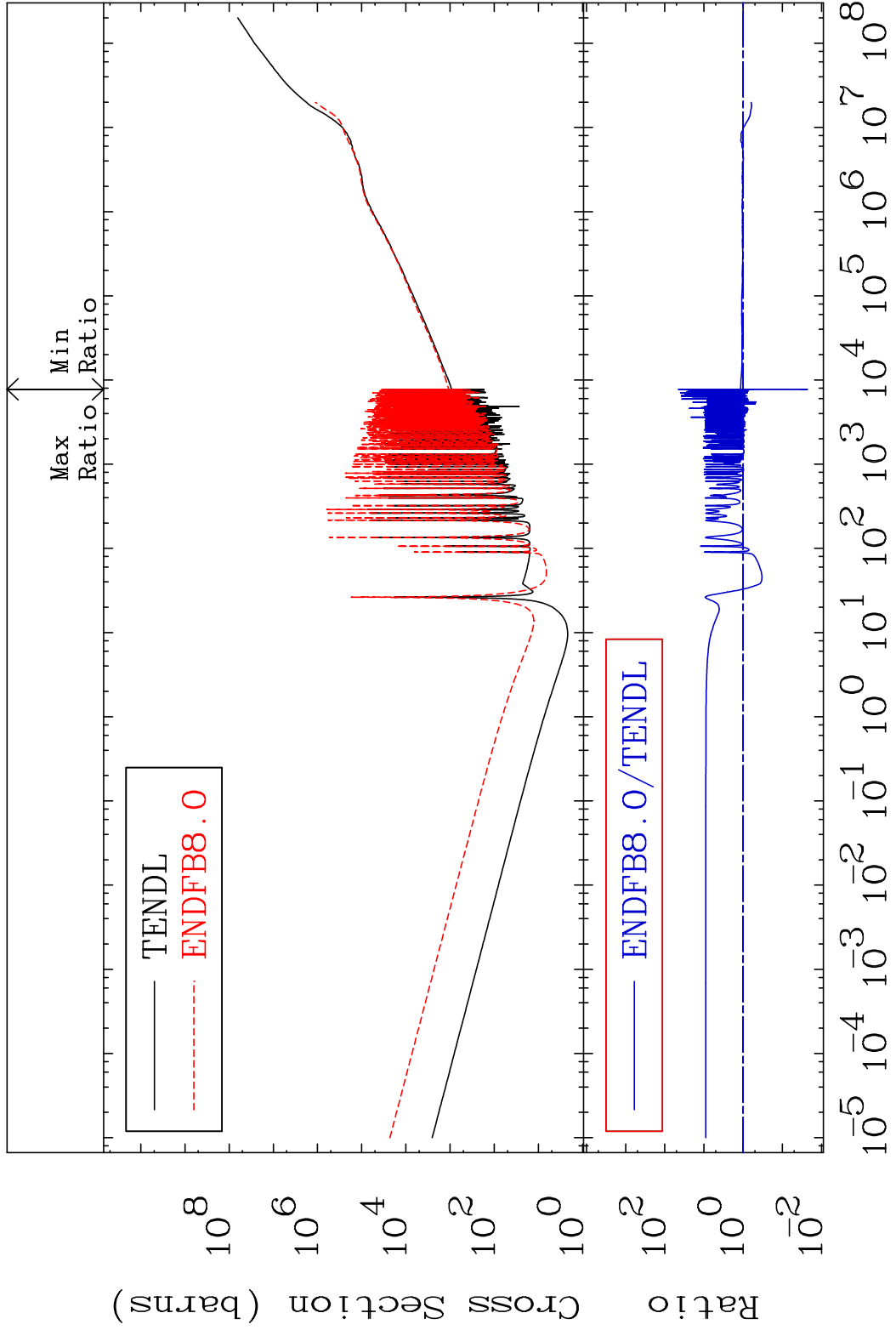
MAT 5240 Total photon (eV-barns) 52-Te-125  
 Cross Section 2678. To 9999. %



39 Incident Energy (eV) 52-Te-125

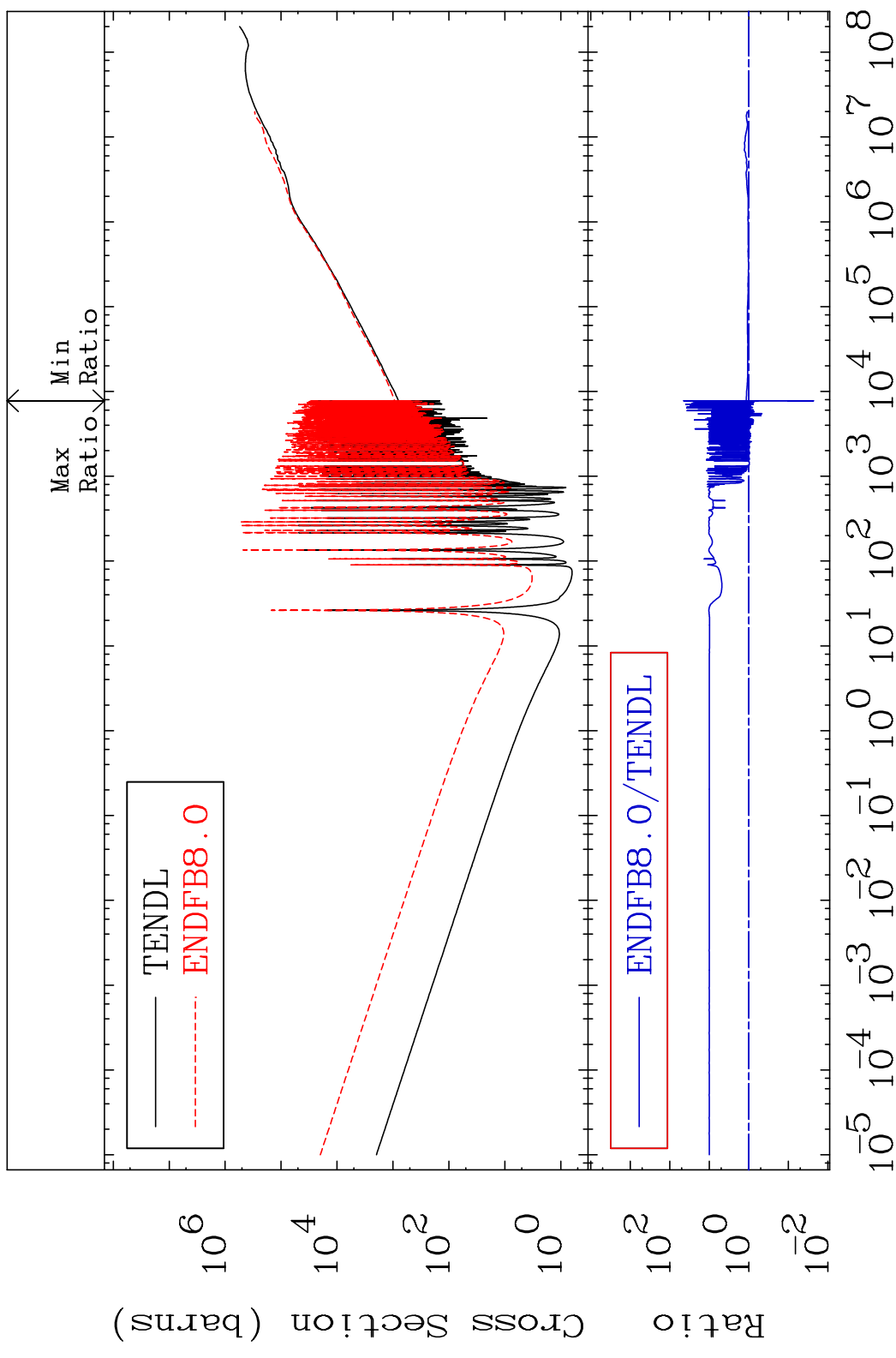


MAT 5240 Total kinematic kerma (high limit) 52-Te-125  
 Cross Section -97.74 To 4433. %



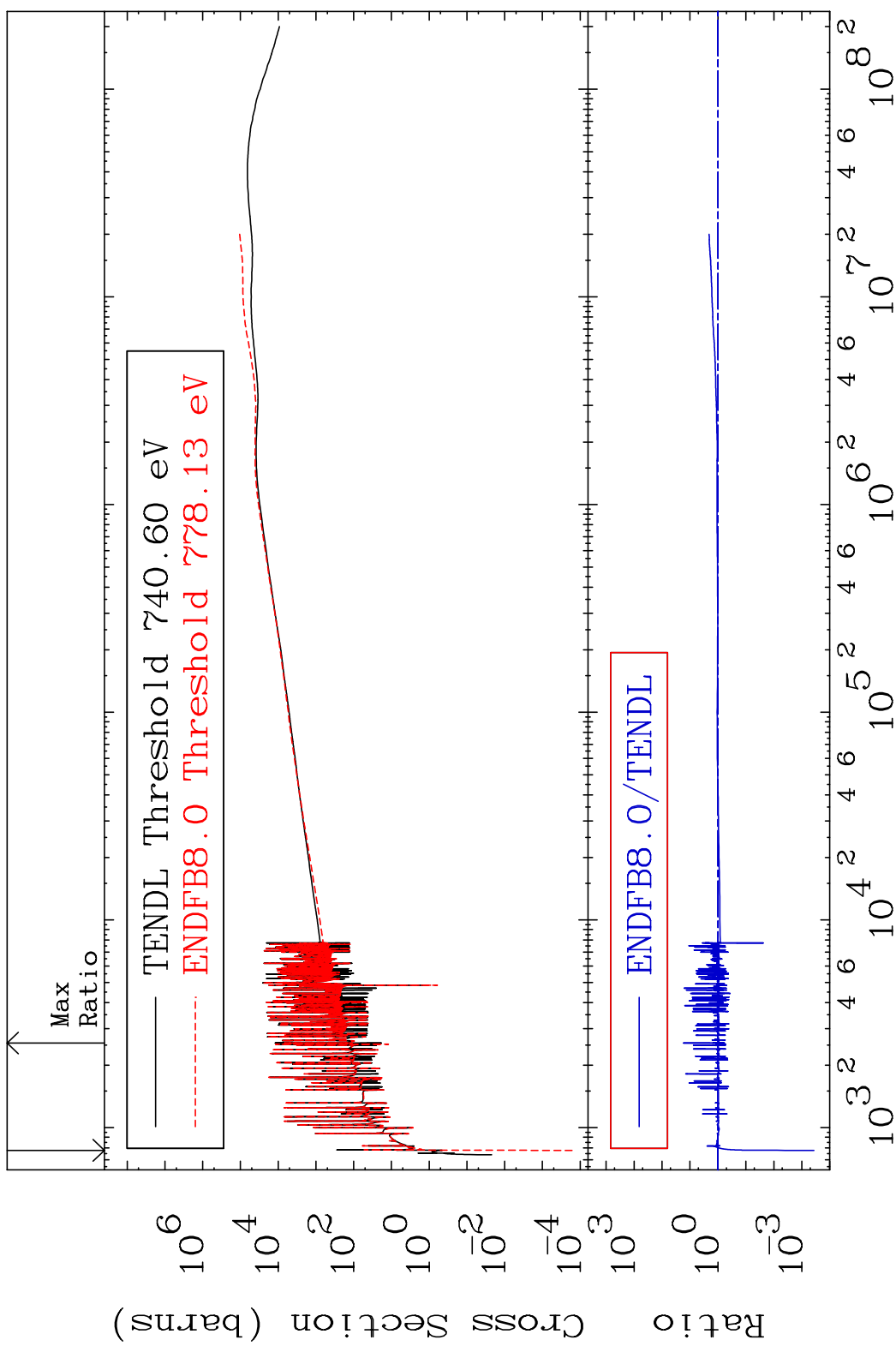
40 Incident Energy (eV) 52-Te-125

MAT 5240      Dpa total (eV-barns)      52-Te-125  
 Cross Section      -97.73 To 4410. %

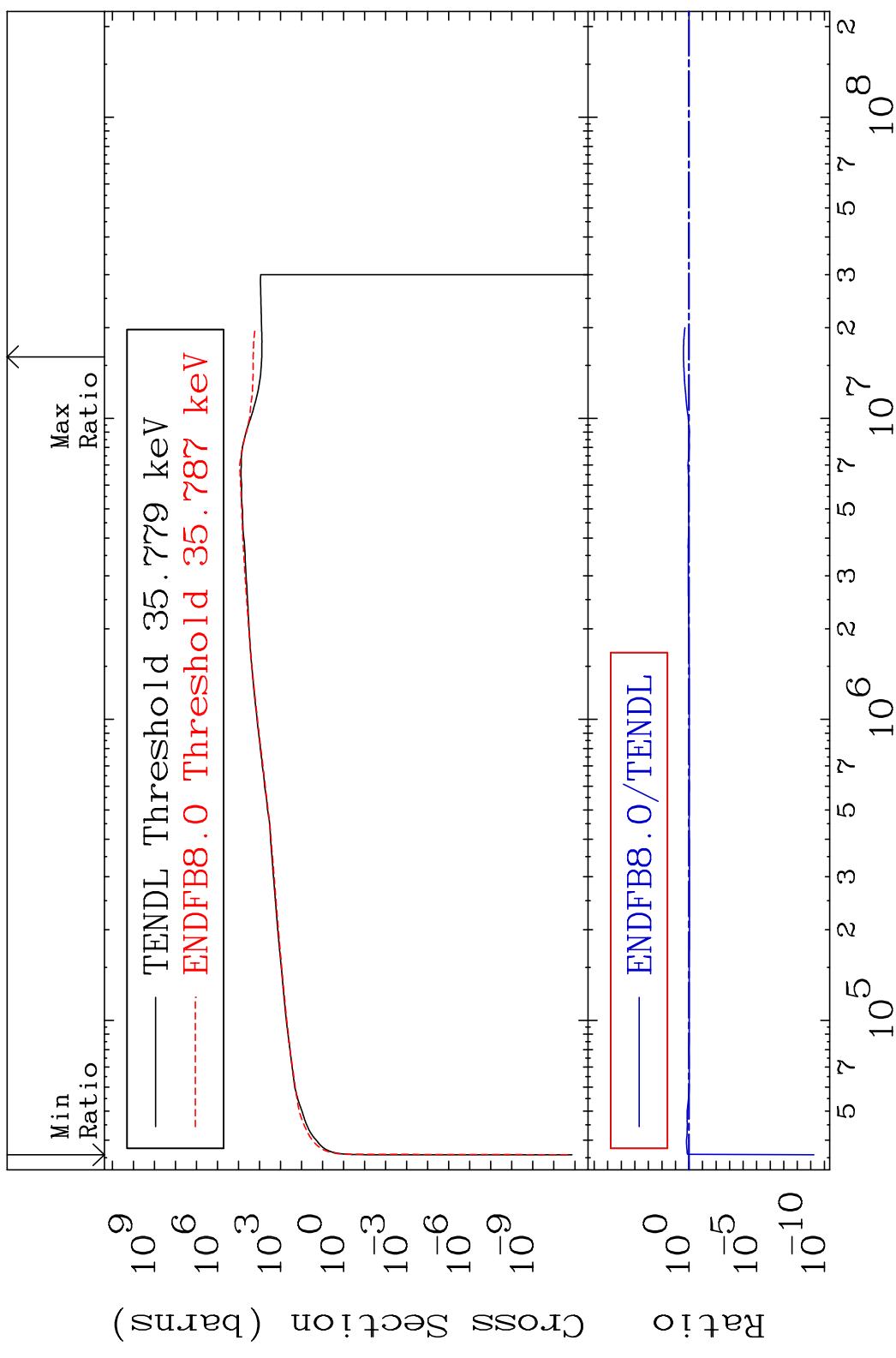


41      Incident Energy (eV)      52-Te-125

MAT 5240      Dpa elastic (mt2)      52-Te-125  
 Cross Section      -99.96 To 1614. %



MAT 5240 Dpa inelastic (mt51-91) 52-Te-125  
 Cross Section -100.0 To 156.2 %



43 Incident Energy (eV) 52-Te-125

MAT 5240 Dpa disappearance (mt102 -120) 52-Te-125  
 Cross Section -99.86 To 9999. %

