

Program Complot
(Version 2021-1)

by

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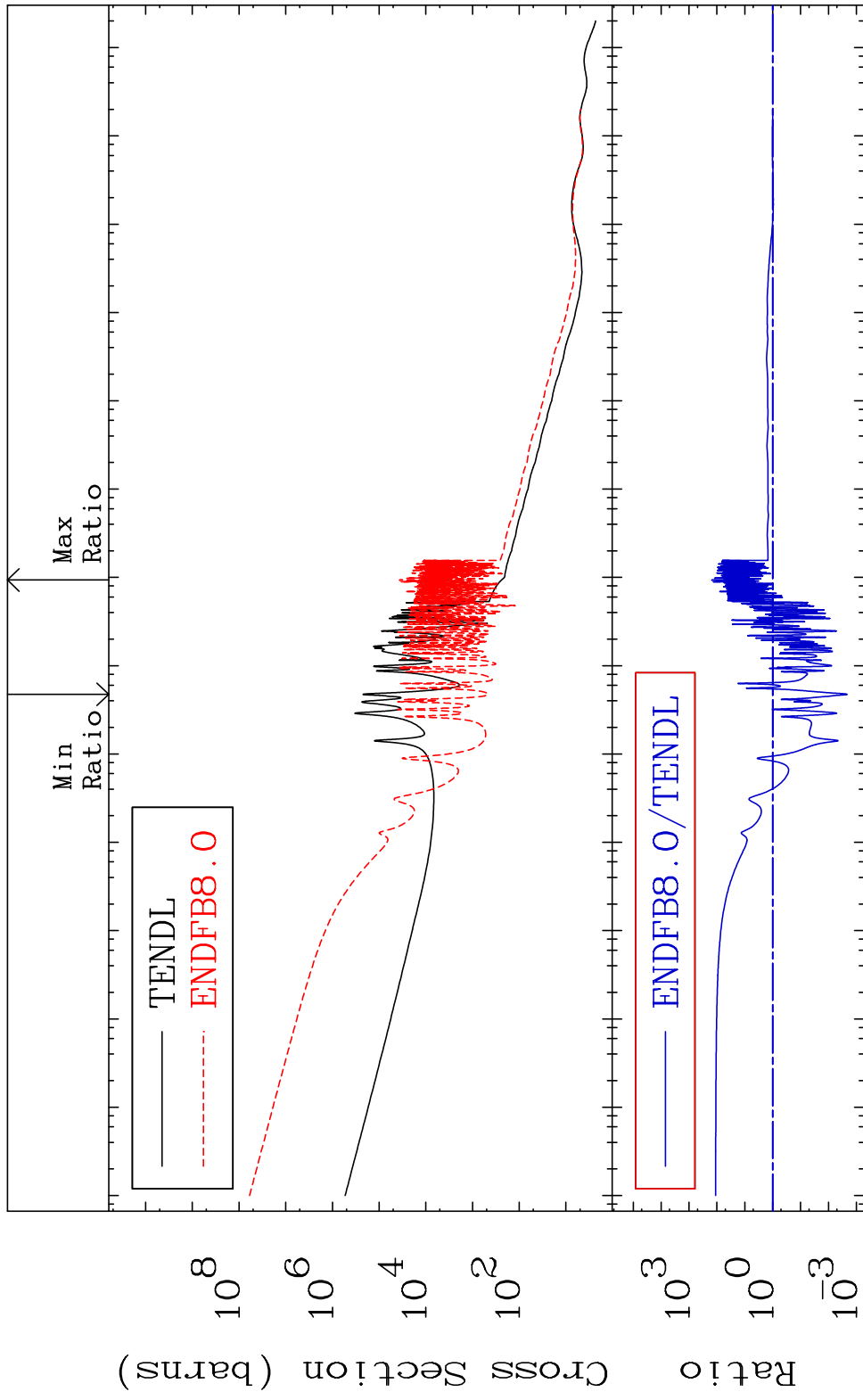
Press Mouse Button to Start

MAT 6146

61-Pm-146

Total

Cross Section -99.79 To 9999. %



1

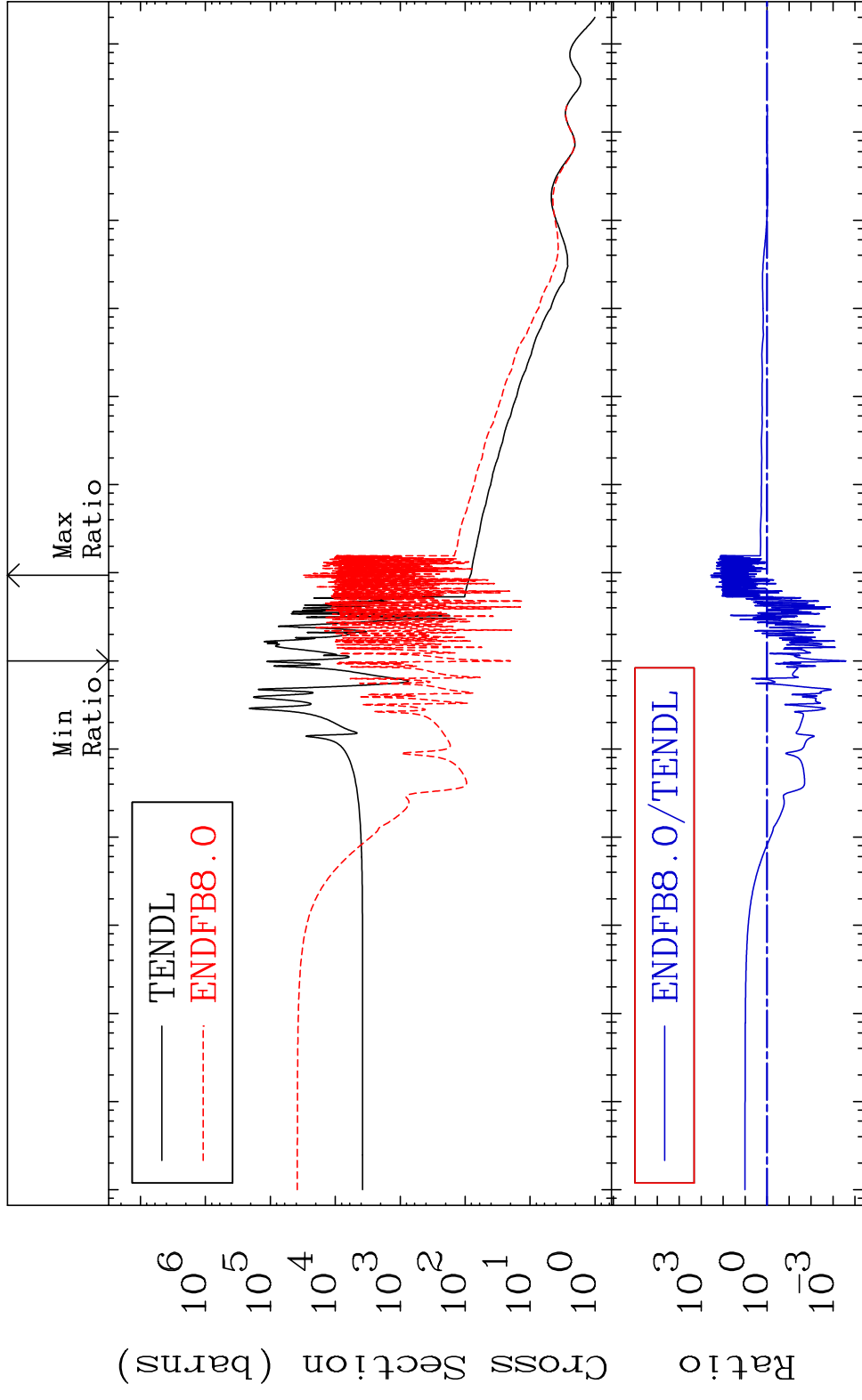
Incident Energy (eV)

61-Pm-146

MAT 6146

Elastic Cross Section -99.98 To 9999. %

61-Pm-146



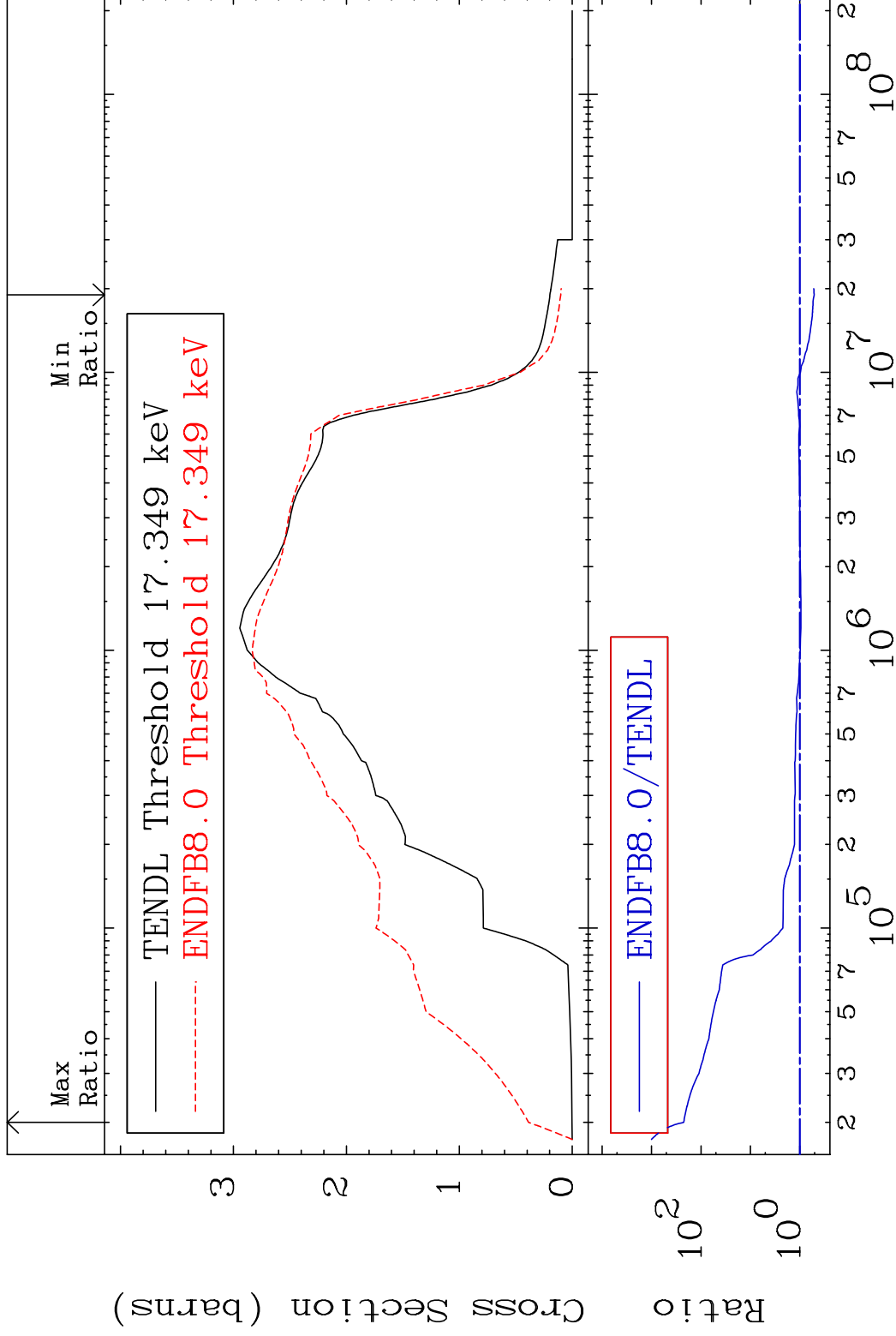
MAT 6146

Inelastic

61-Pm-146

Cross Section

-48.54 To 9999. %



3

Incident Energy (eV)

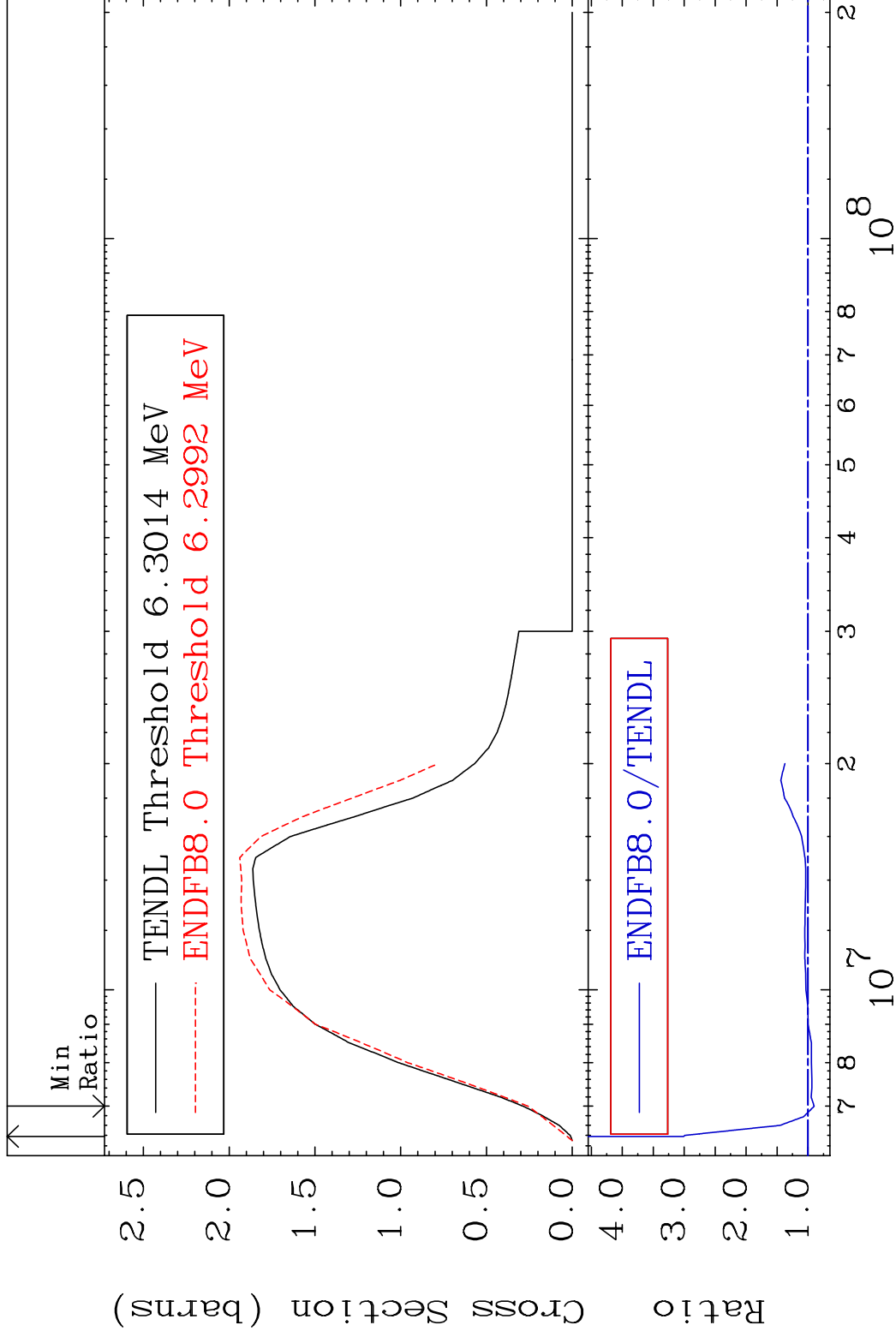
61-Pm-146

MAT 6146

(n,2n)

61-Pm-146

Cross Section -9.806 To 200.8 %

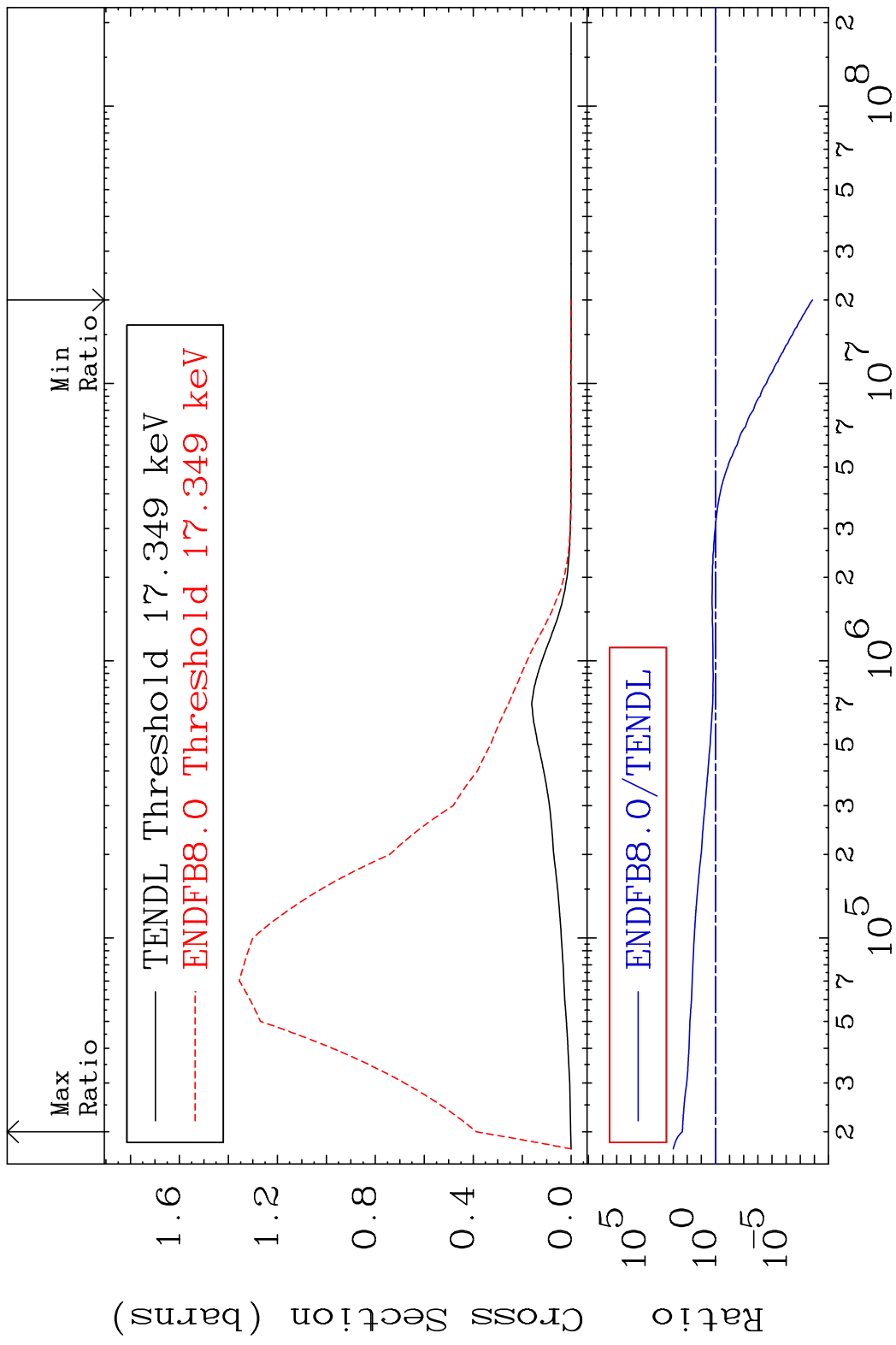


4

Incident Energy (eV)

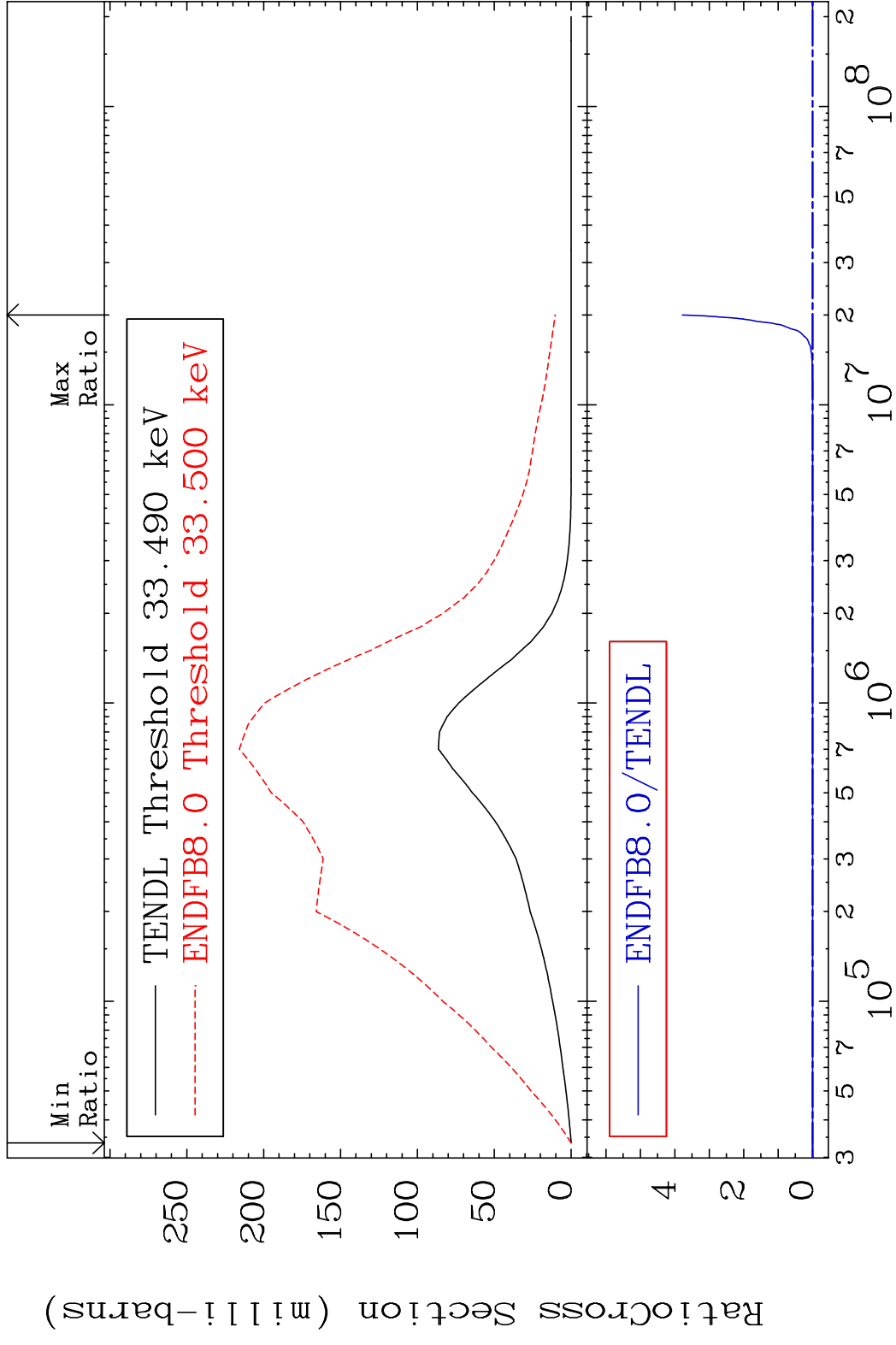
61-Pm-146

MAT 6146 MT= 51 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

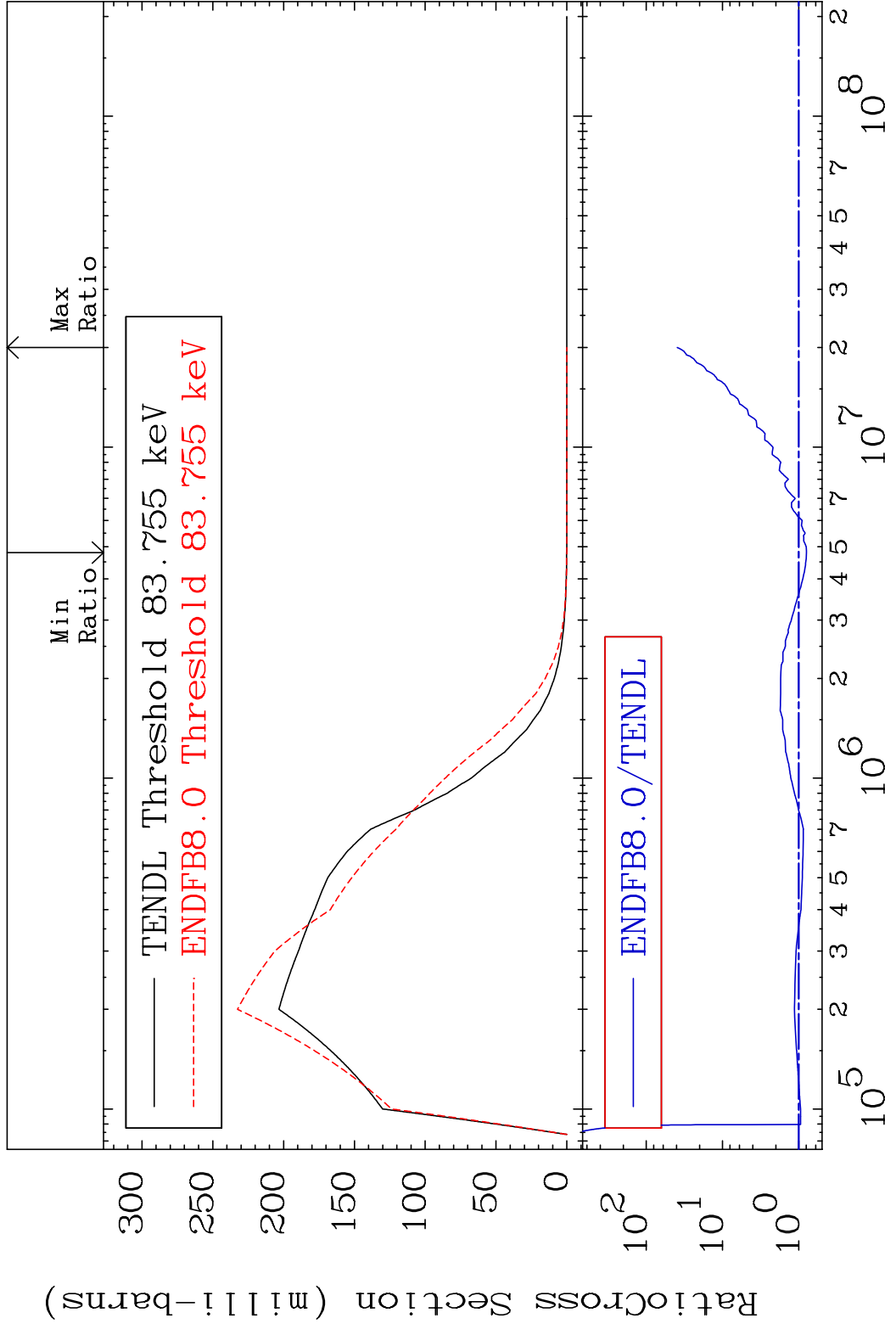


5 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 52 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 9999. %

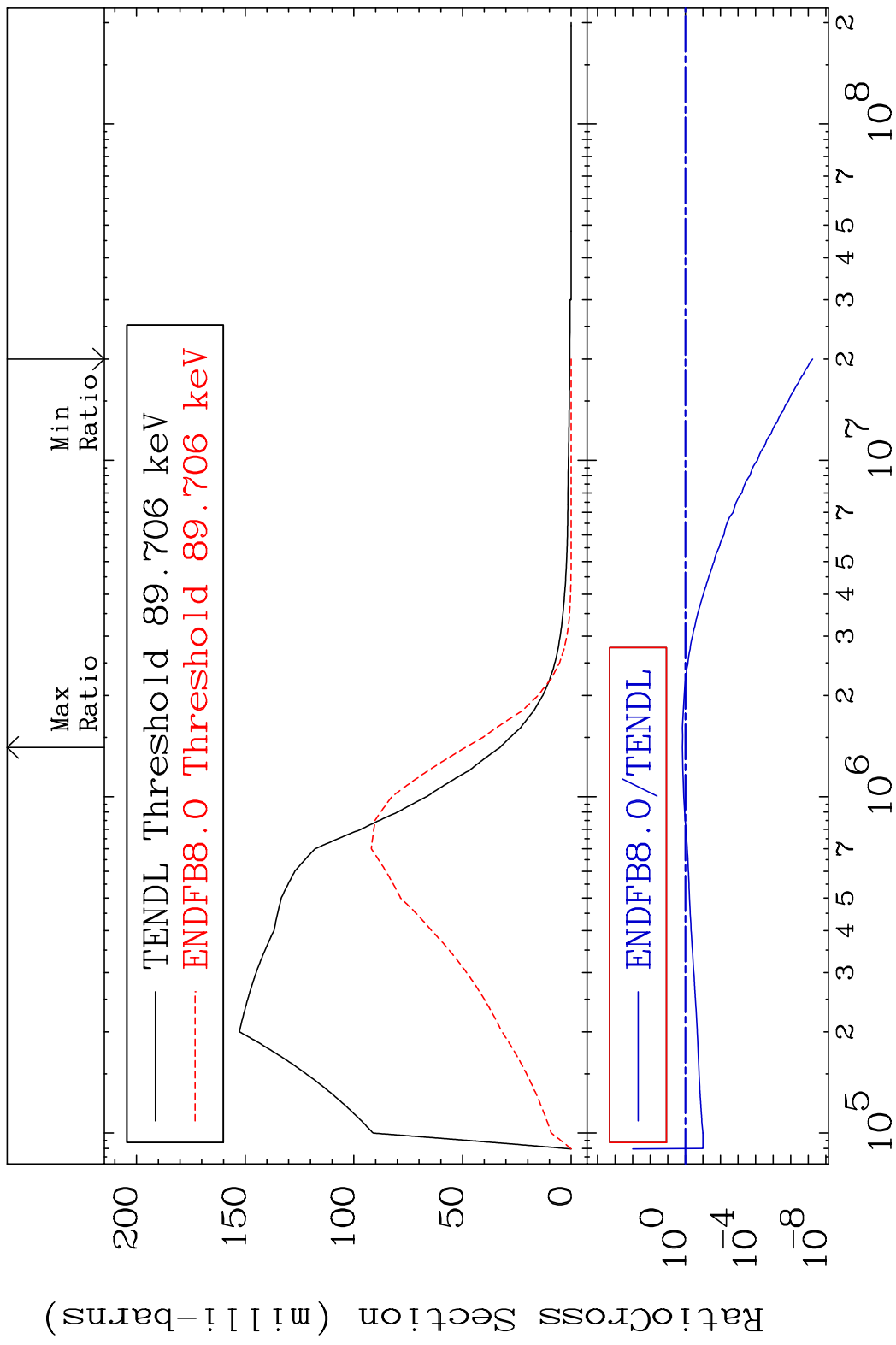


MAT 6146 MT= 54 (n, n') Level 61-Pm-146
 Cross Section -20.45 To 3834. %



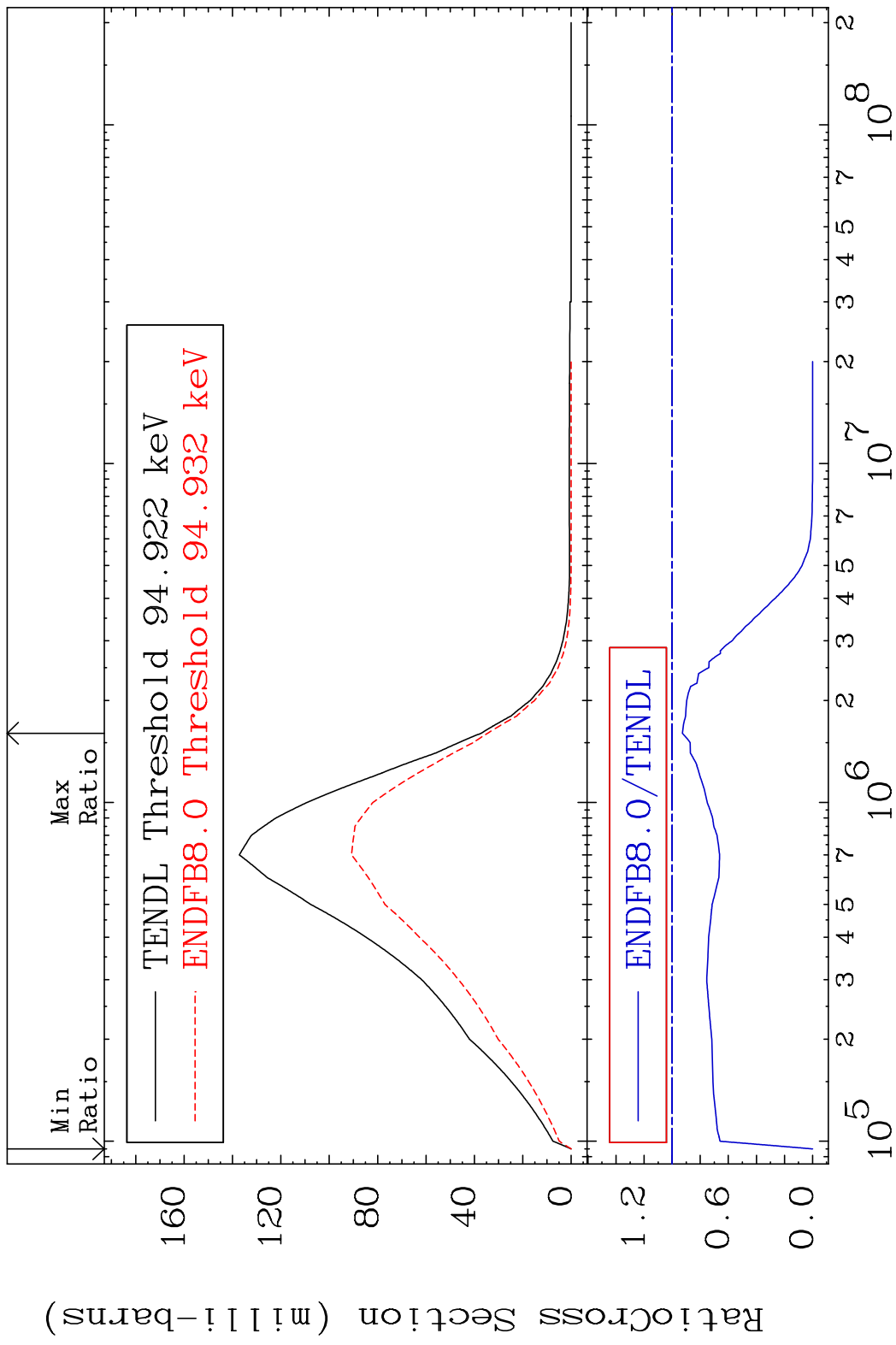
8 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 55 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 48.55 %



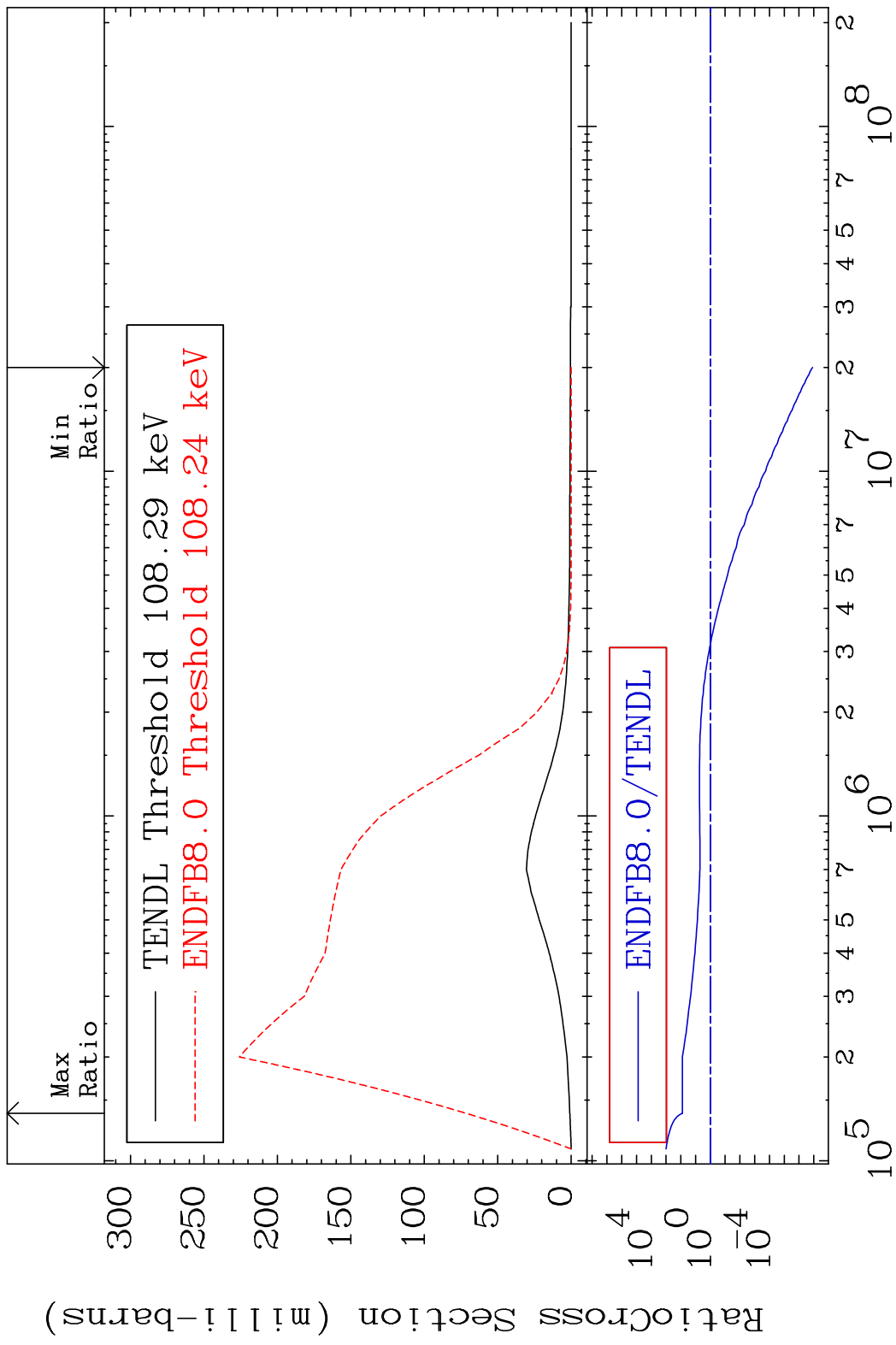
9 Incident Energy (eV) 61-Pm-146

MAT 6146 MT= 56 (n,n') Level 61-Pm-146
 Cross Section -100.0 To -7.254%

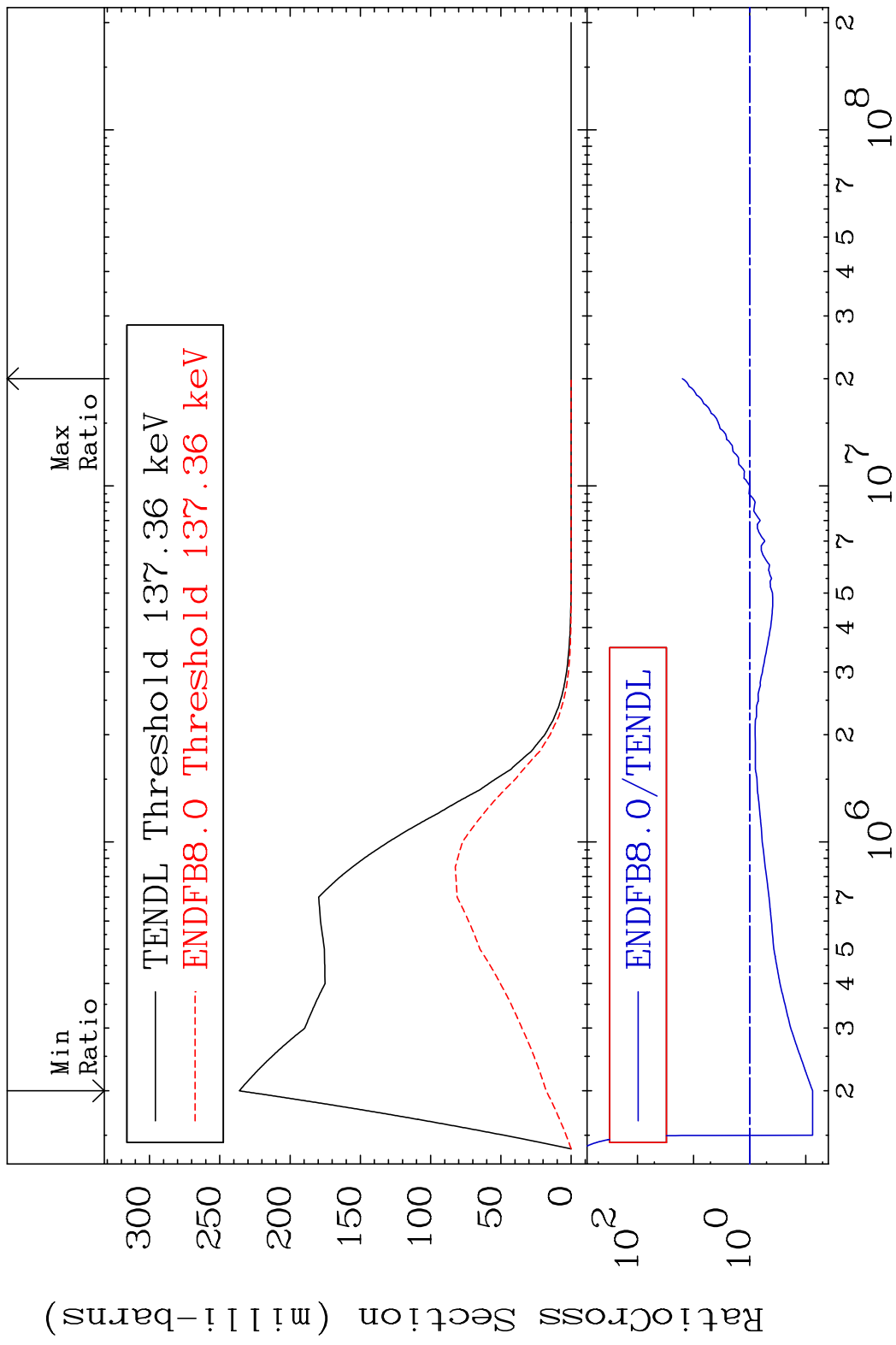


10 10 2 3 4 5 7 2 3 4 5 7 8 2
 10⁵ 10⁶ 10⁷ 10⁸
 61-Pm-146

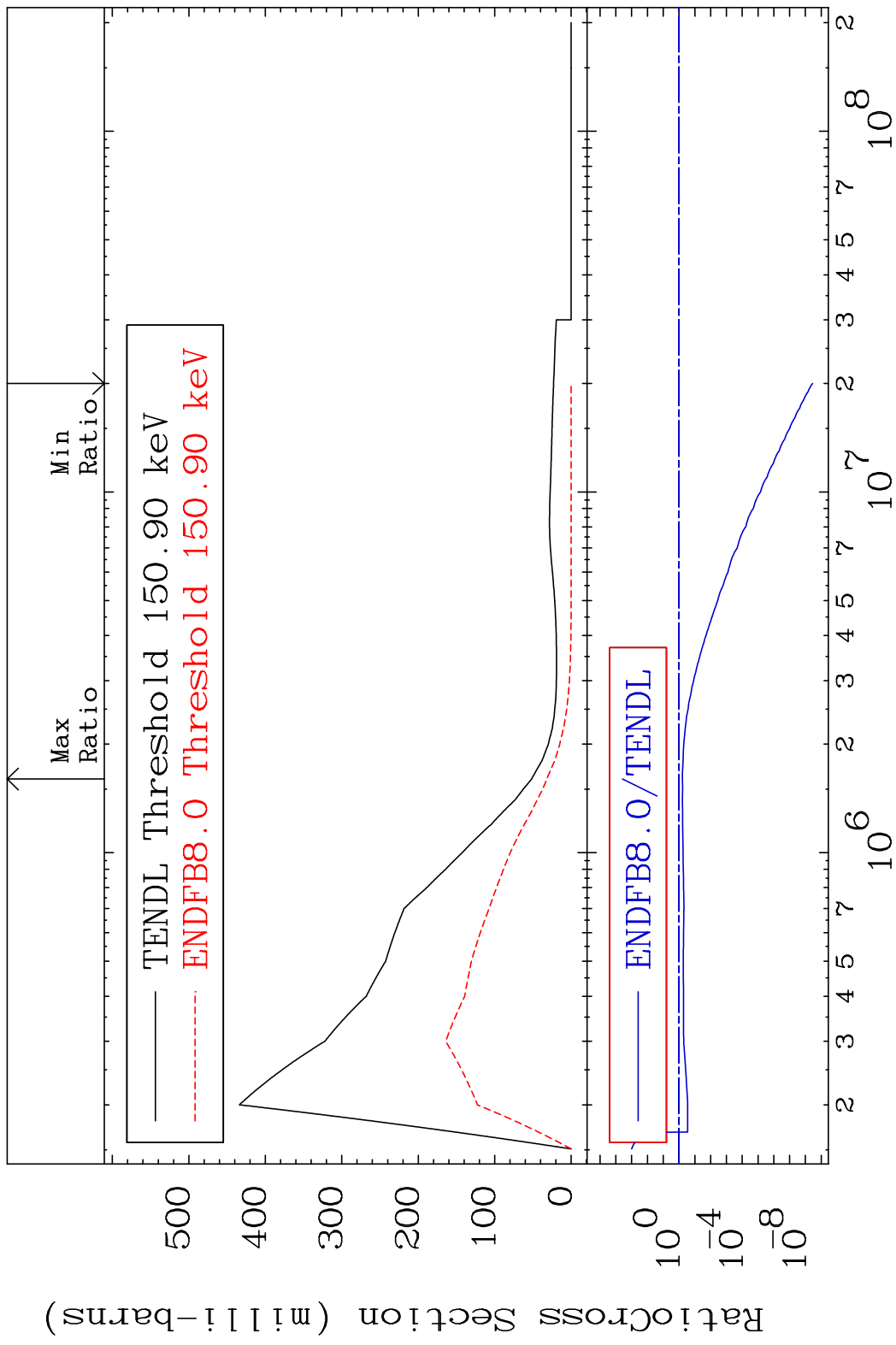
MAT 6146 MT= 57 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 7764. %



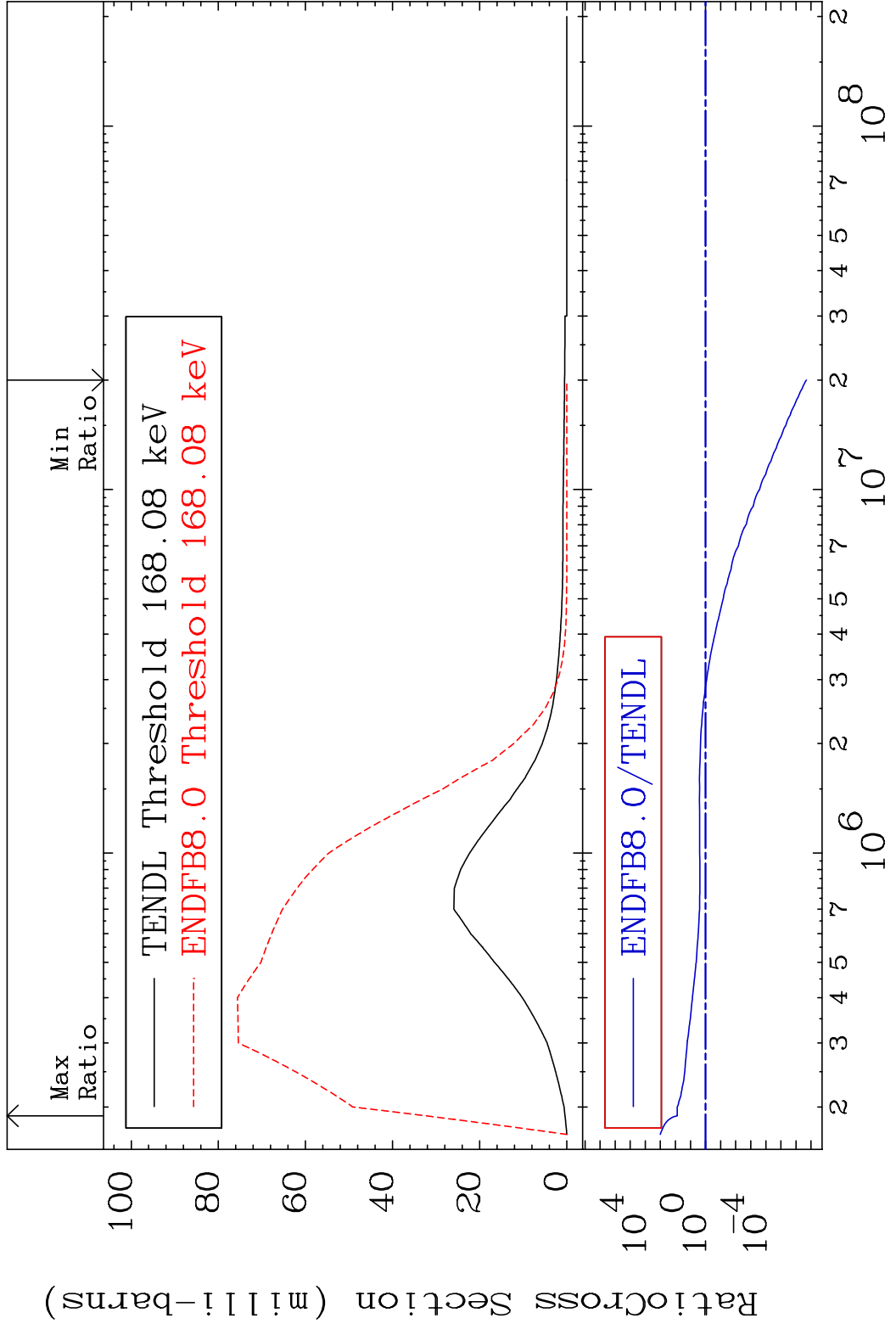
MAT 6146 MT= 58 (n, n') Level 61-Pm-146
 Cross Section -92.46 To 1483. %



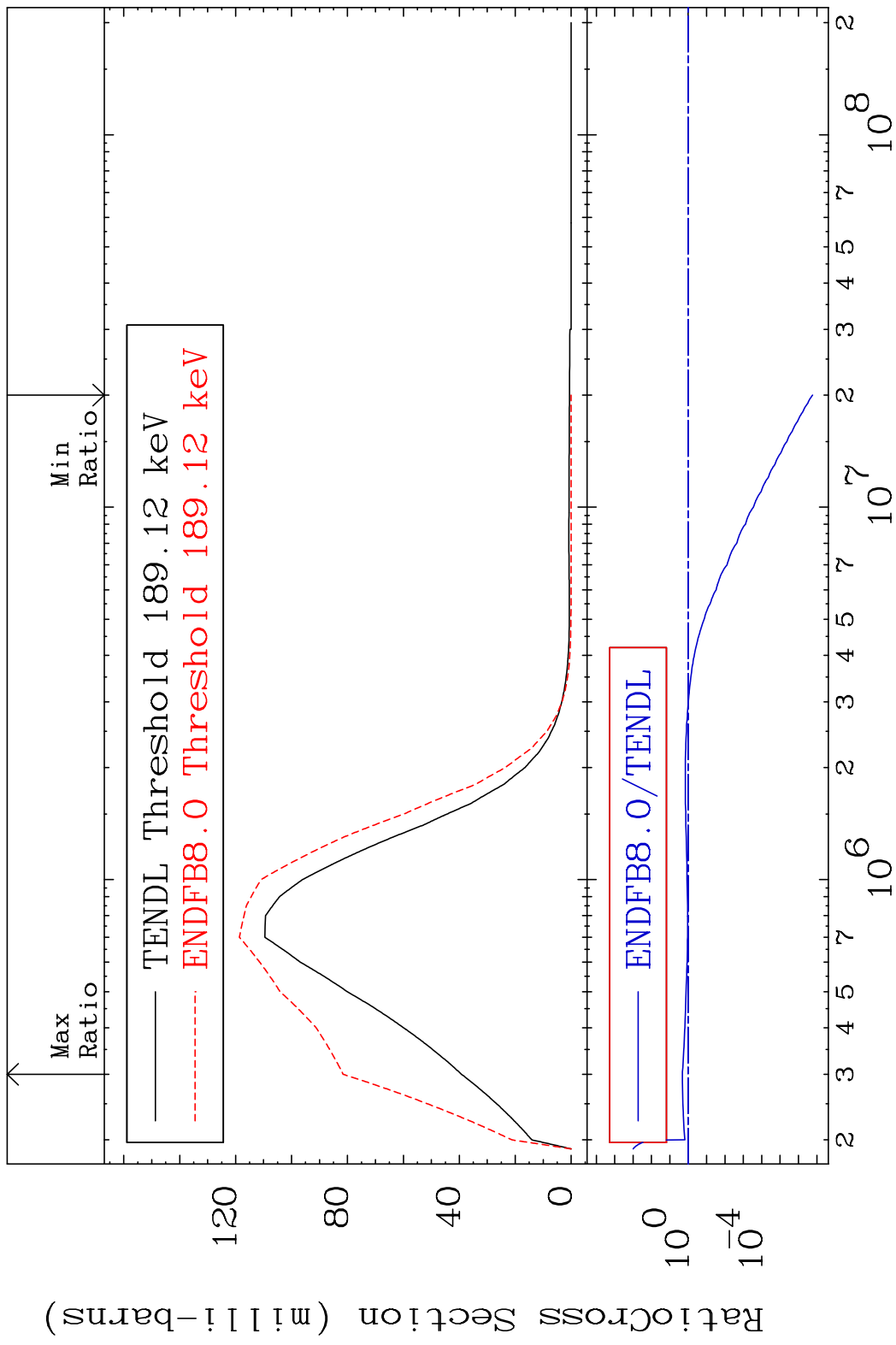
MAT 6146 MT= 59 (n, n') Level 61-Pm-146
 Cross Section -100.0 To -38.46%



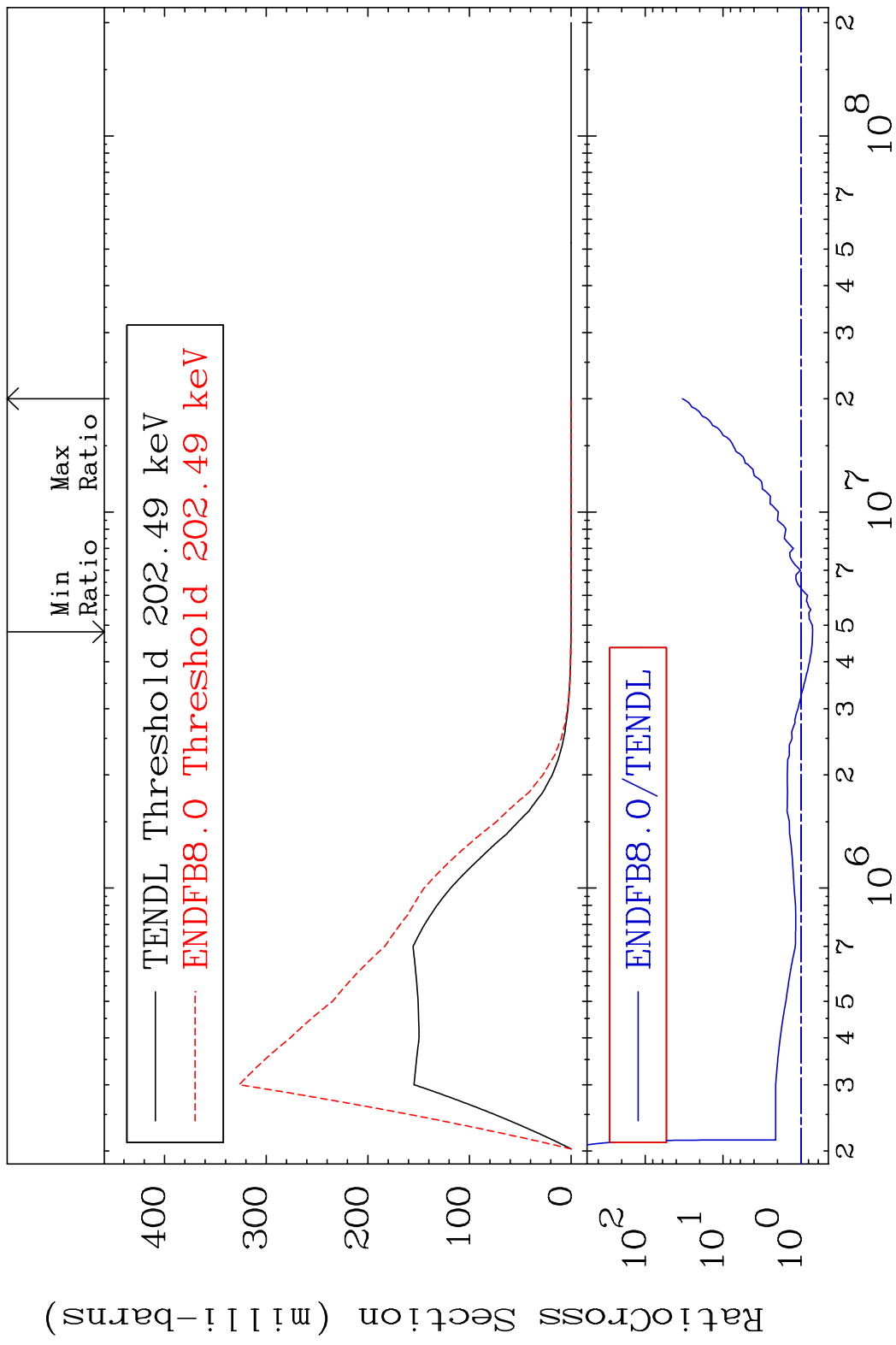
MAT 6146 MT= 60 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 7537. %



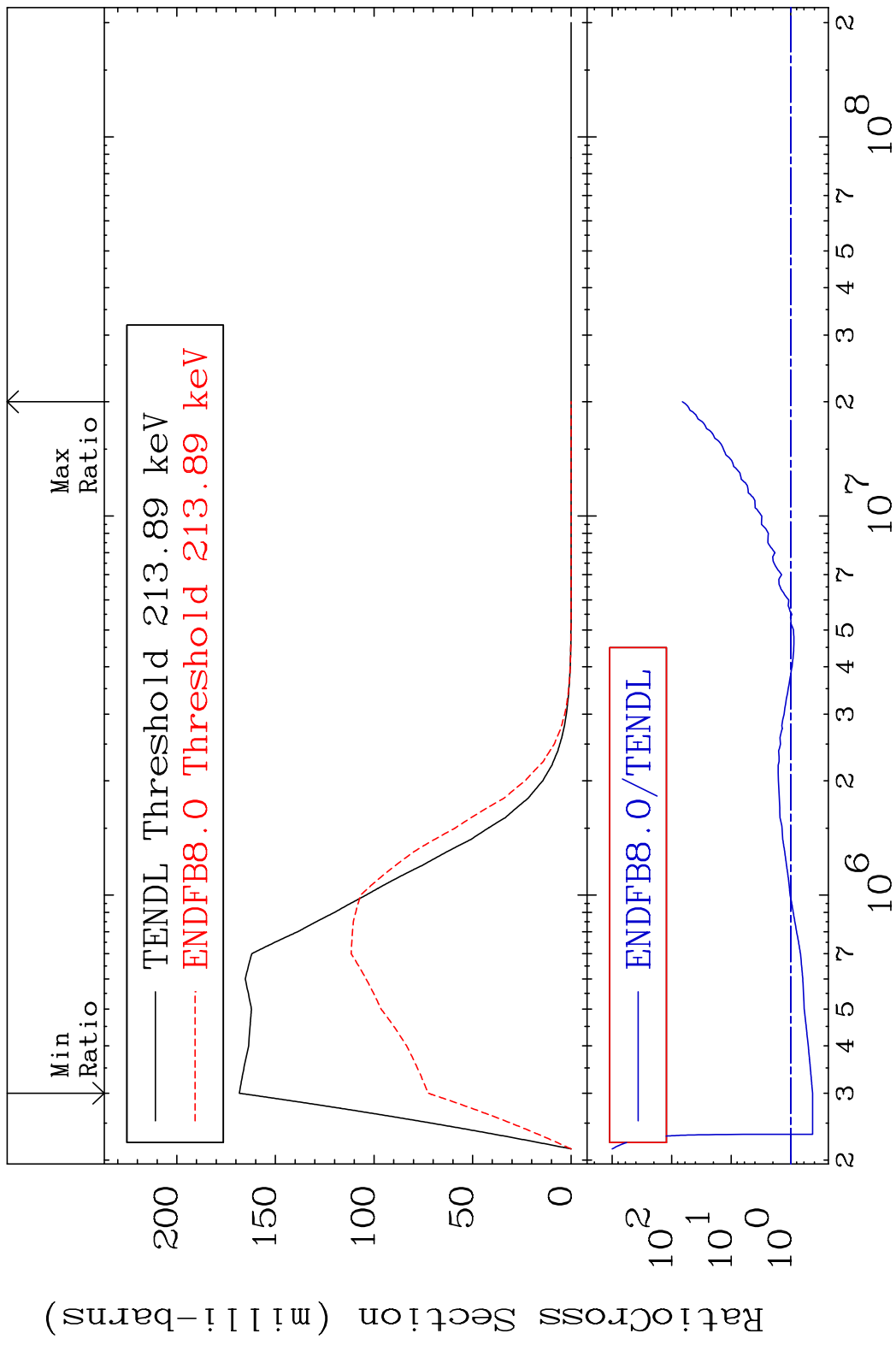
MAT 6146 MT= 61 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 107.9 %



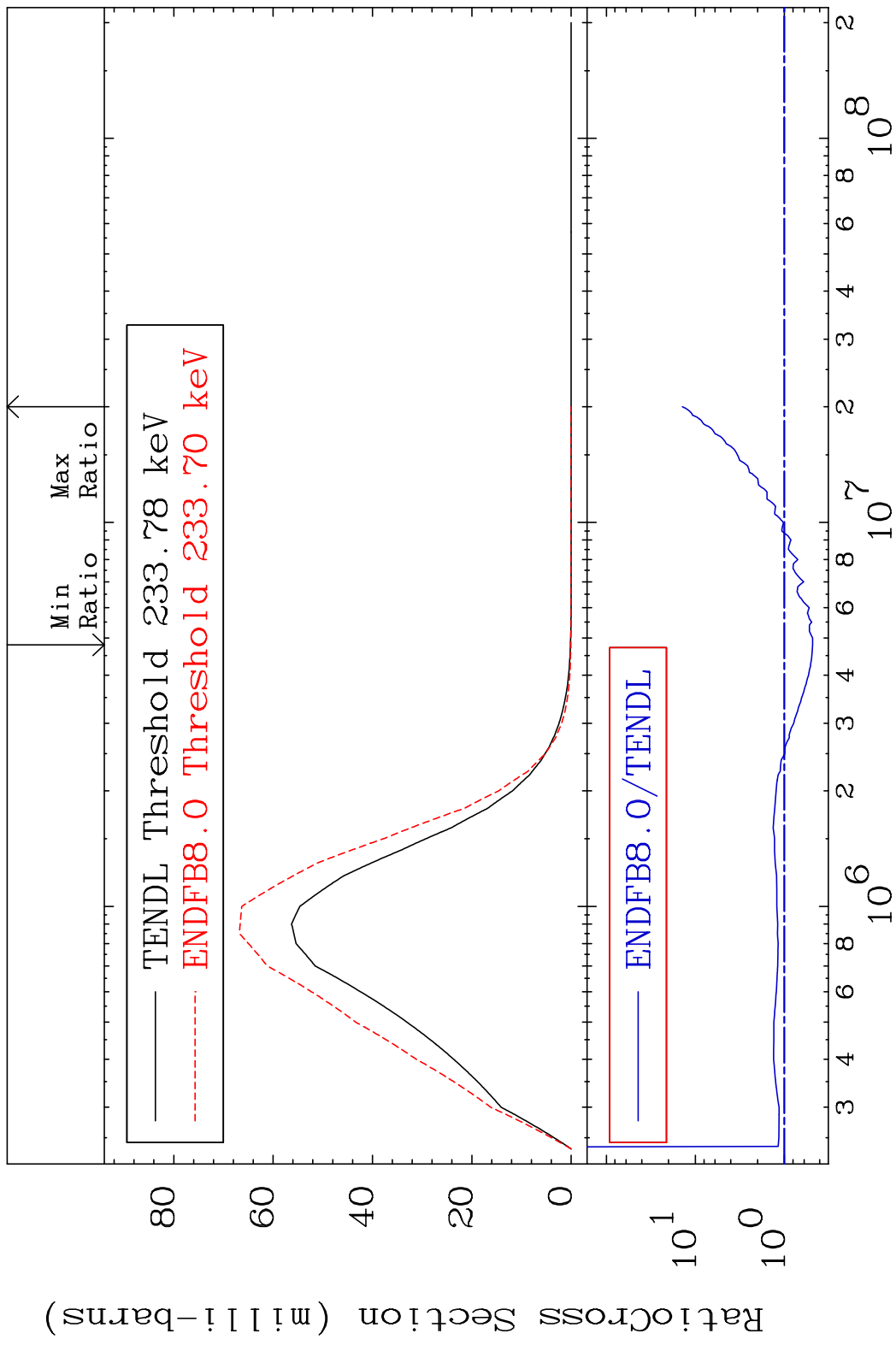
MAT 6146 MT= 62 (n, n') Level 61-Pm-146
 Cross Section -29.09 To 3232. %



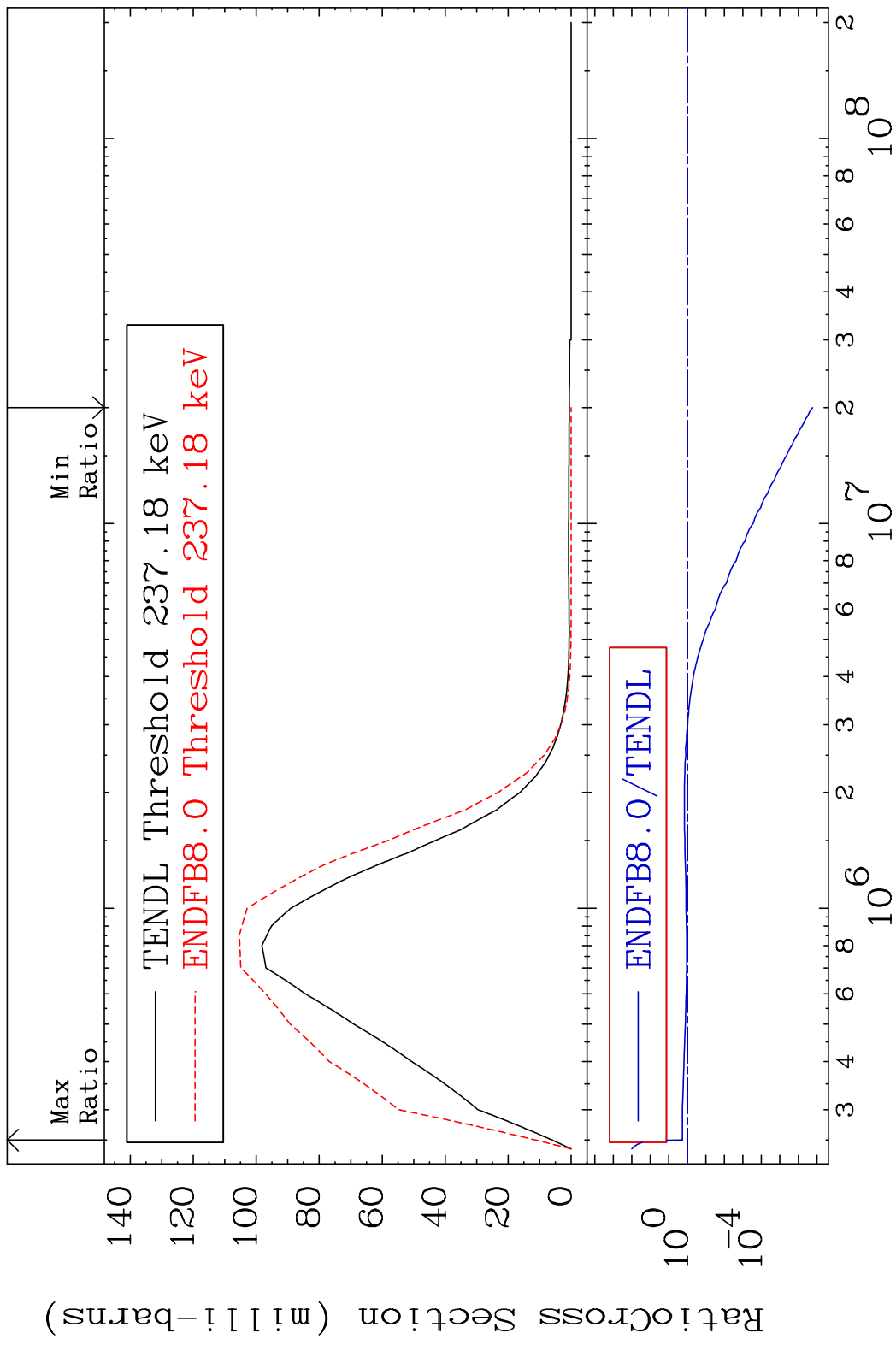
MAT 6146 MT= 63 (n, n') Level 61-Pm-146
 Cross Section -56.88 To 6535. %



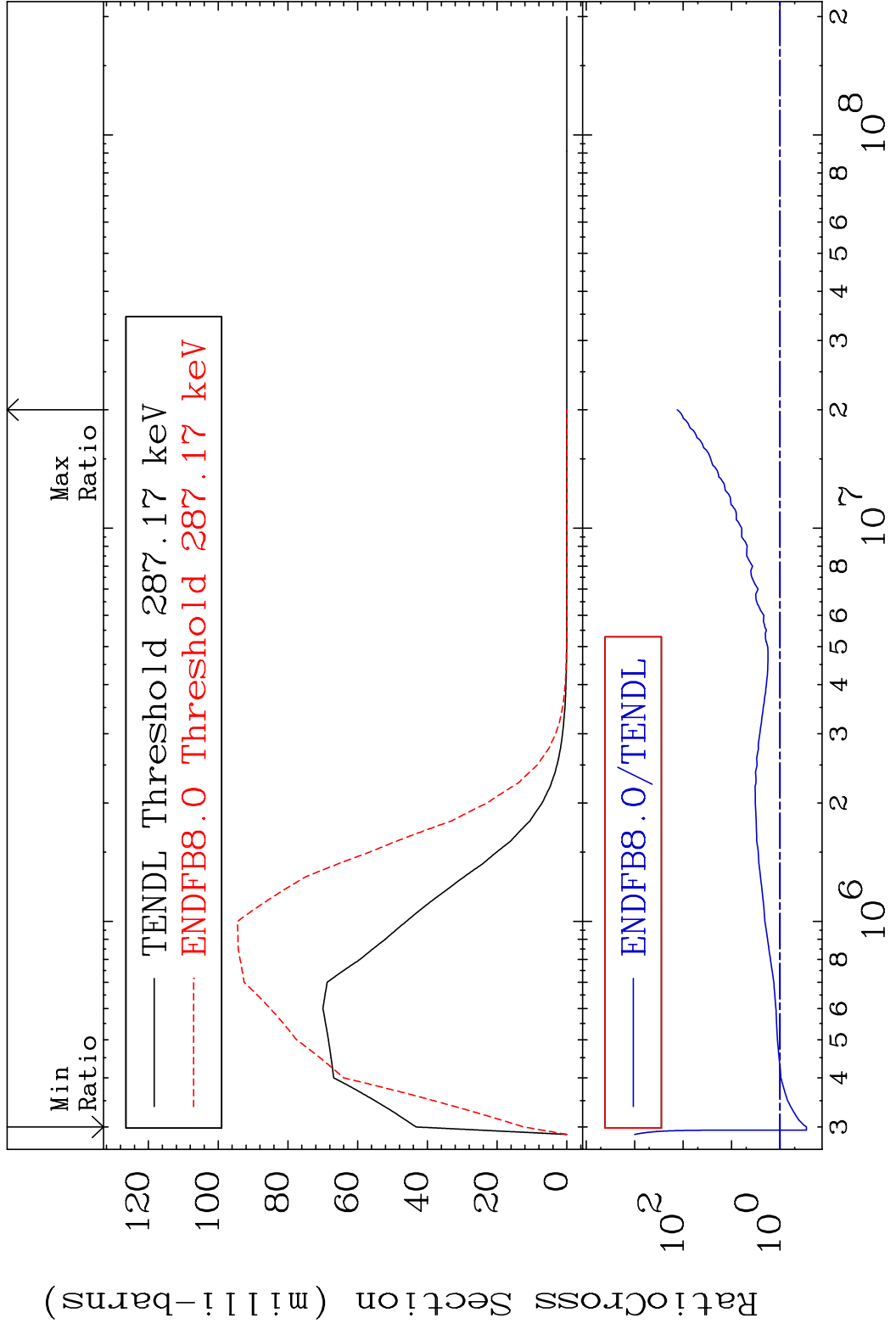
MAT 6146 MT= 64 (n, n') Level 61-Pm-146
 Cross Section -51.82 To 1300. %



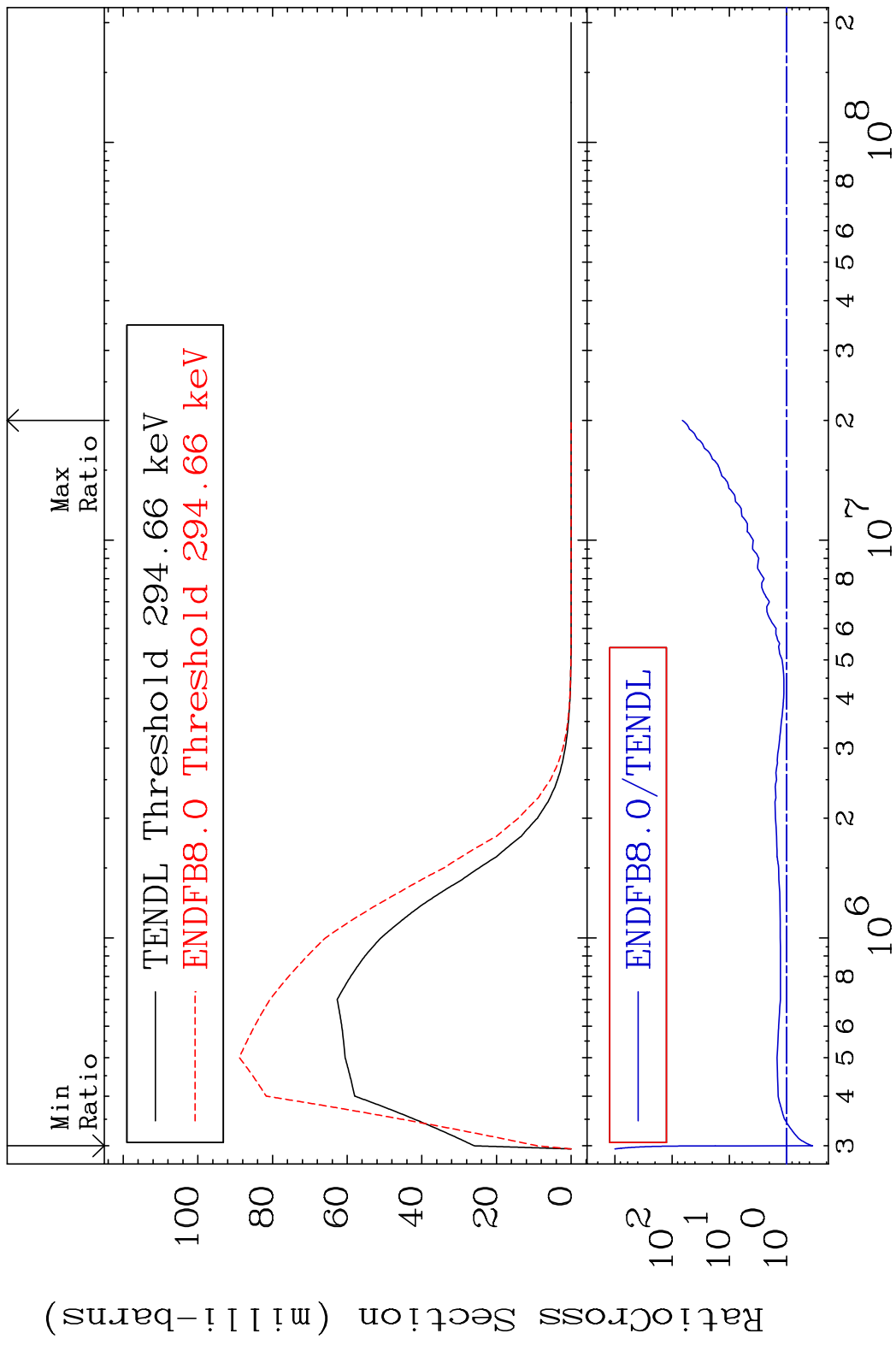
MAT 6146 MT= 65 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 85.17 %



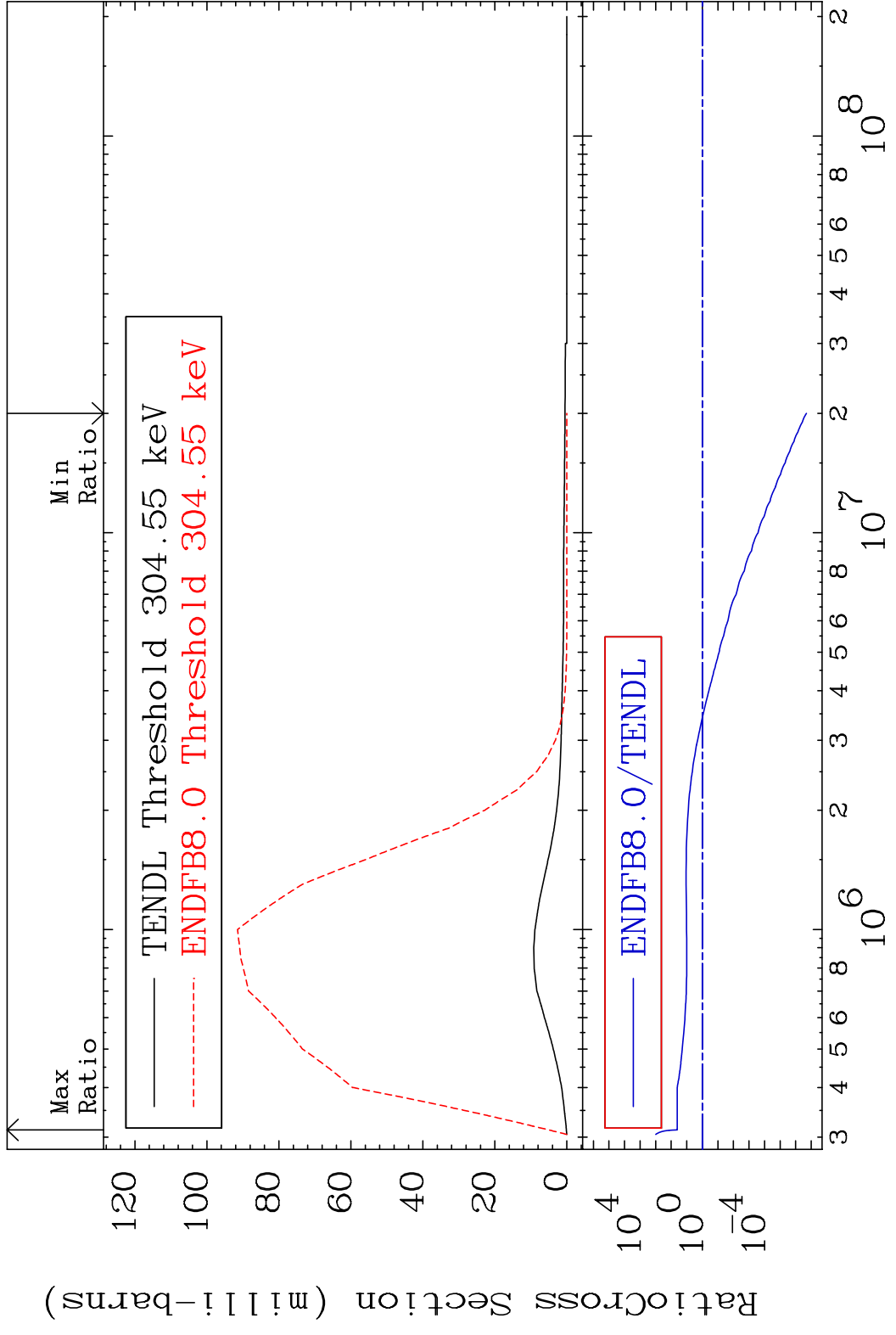
MAT 6146 MT= 66 (n, n') Level 61-Pm-146
 Cross Section -71.42 To 9999. %



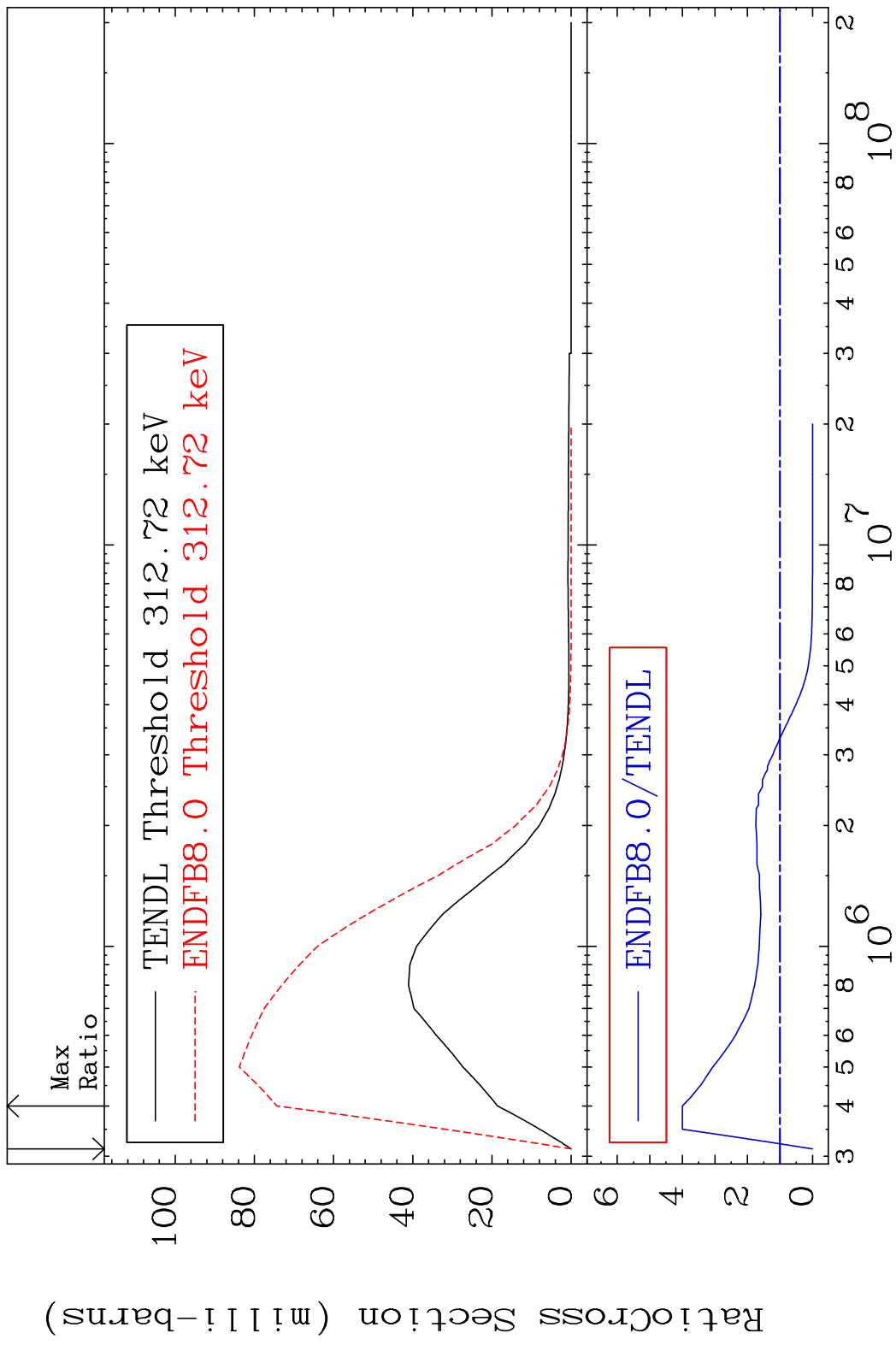
MAT 6146 MT= 67 (n,n') Level 61-Pm-146
 Cross Section -64.78 To 6531. %



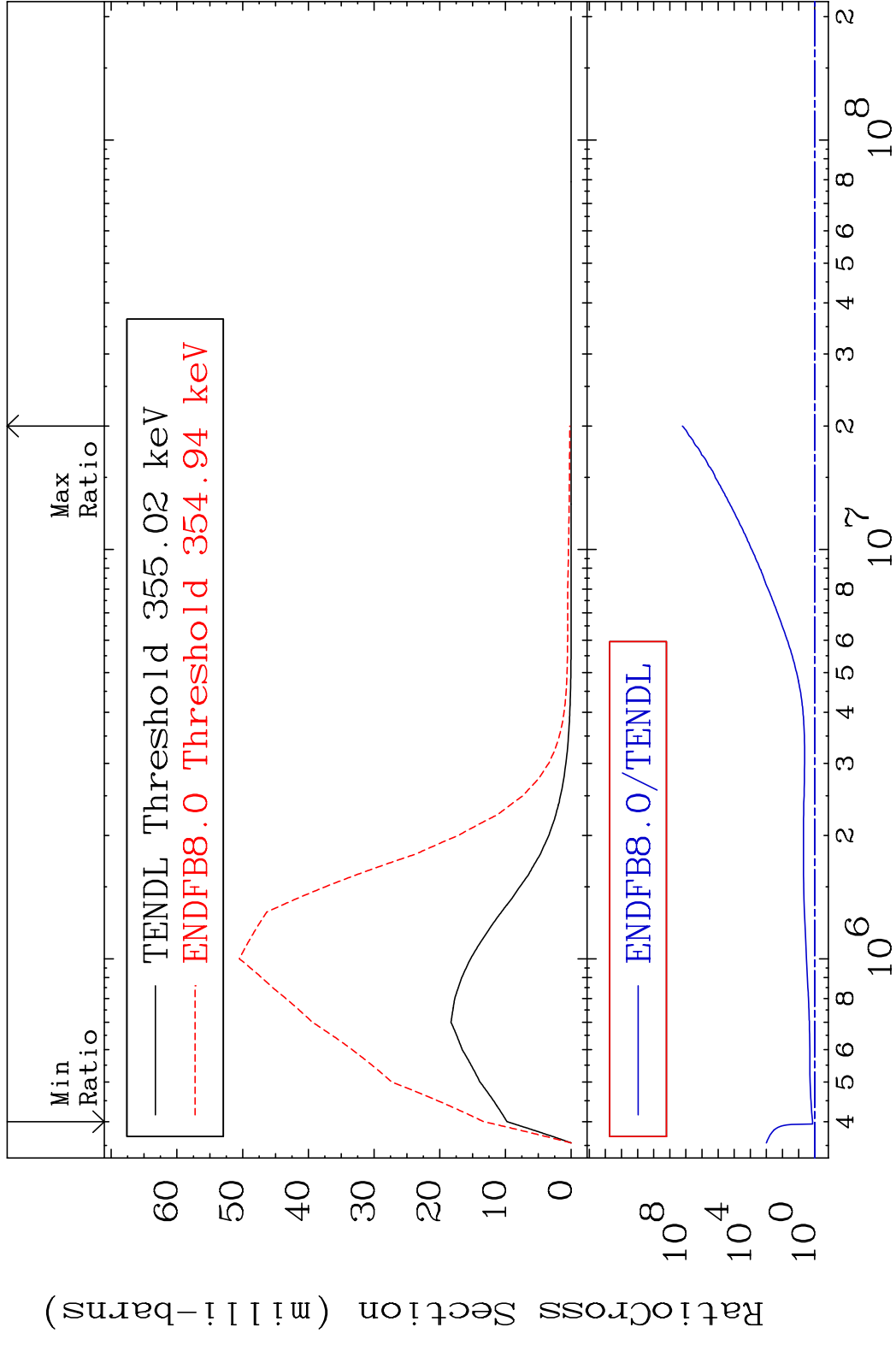
MAT 6146 MT= 68 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 4008. %



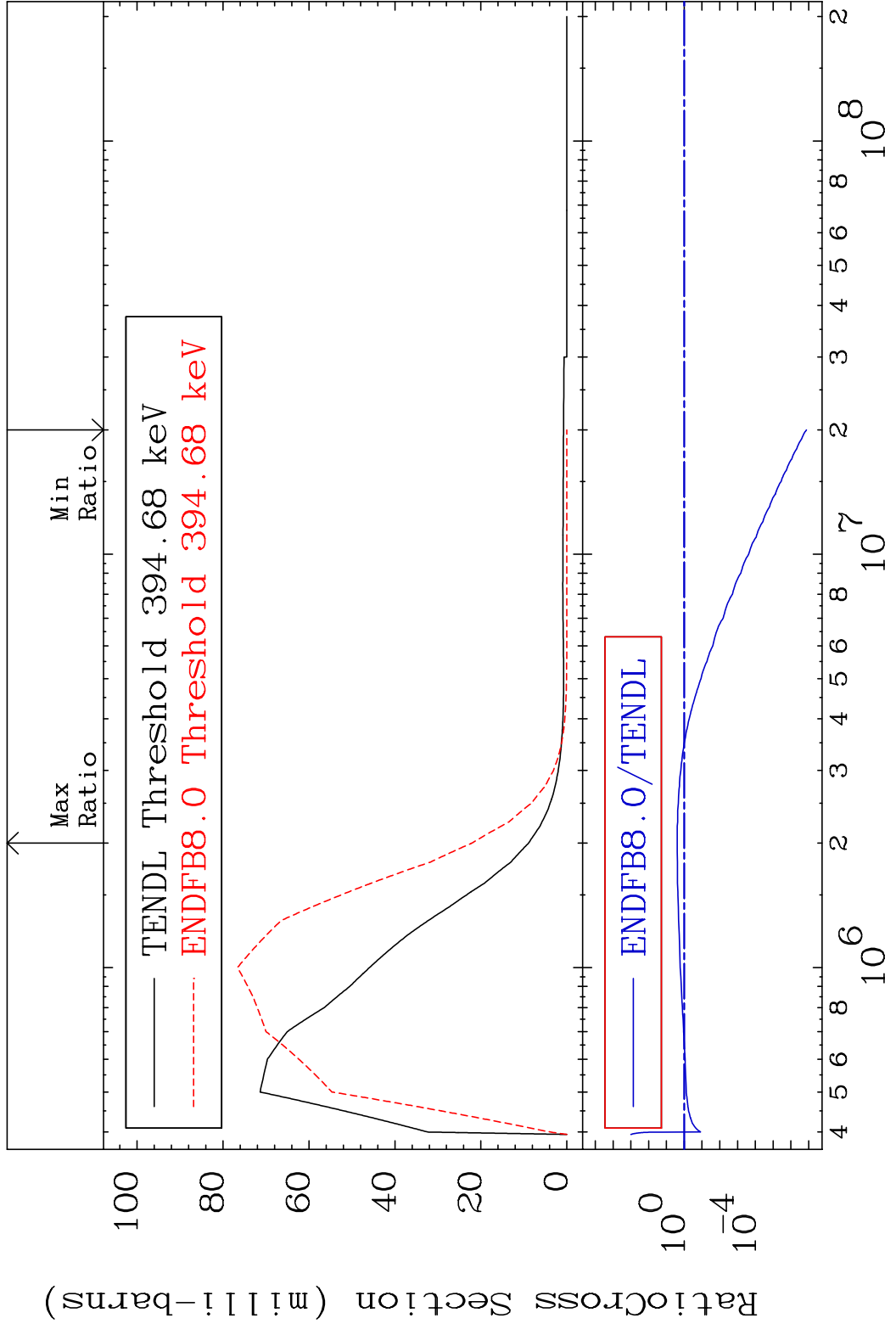
MAT 6146 MT= 69 (n,n') Level 61-Pm-146
 Cross Section -100.0 To 300.0 %



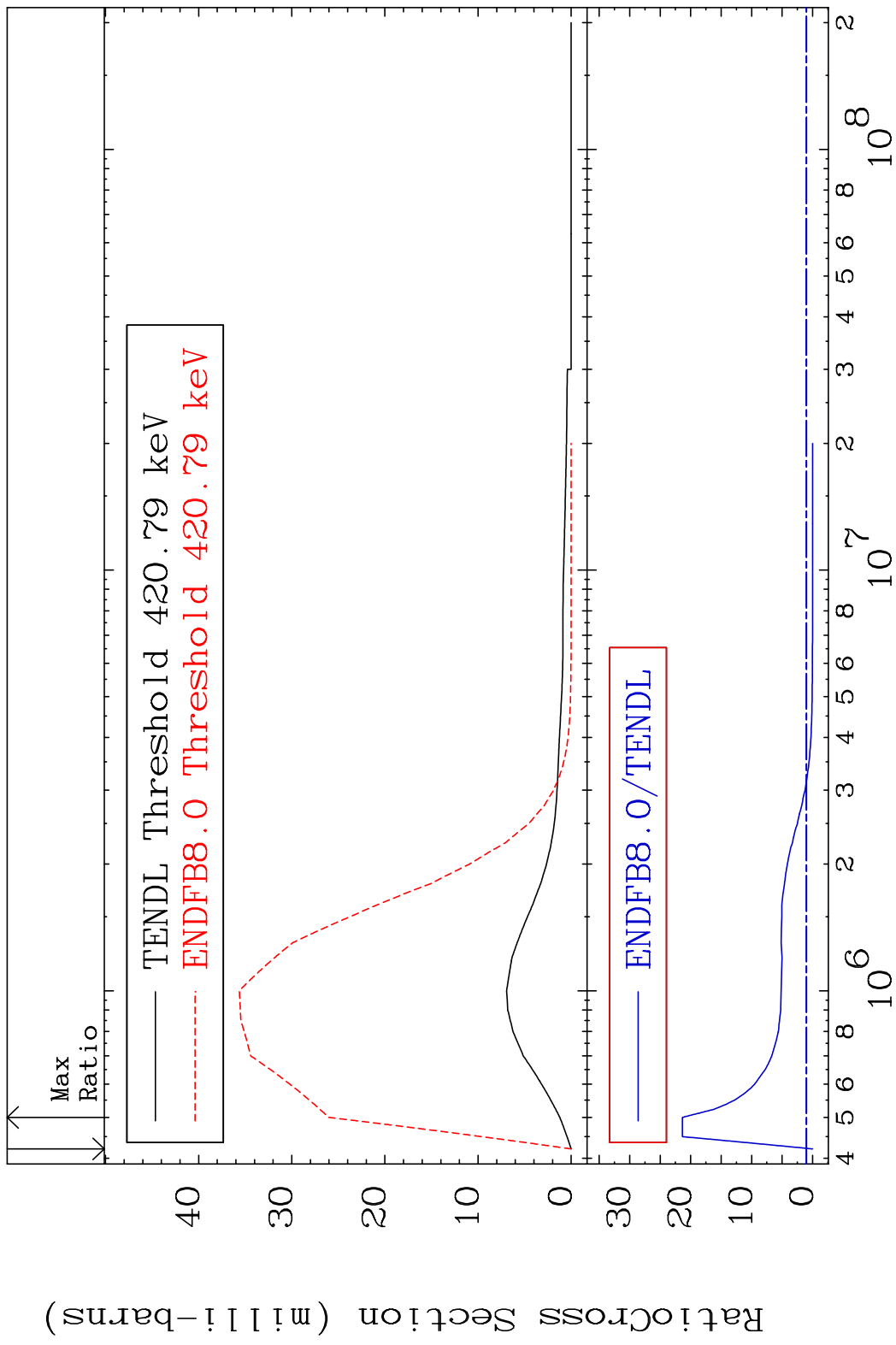
MAT 6146 MT= 70 (n, n') Level 61-Pm-146
 Cross Section 36.27 To 9999. %



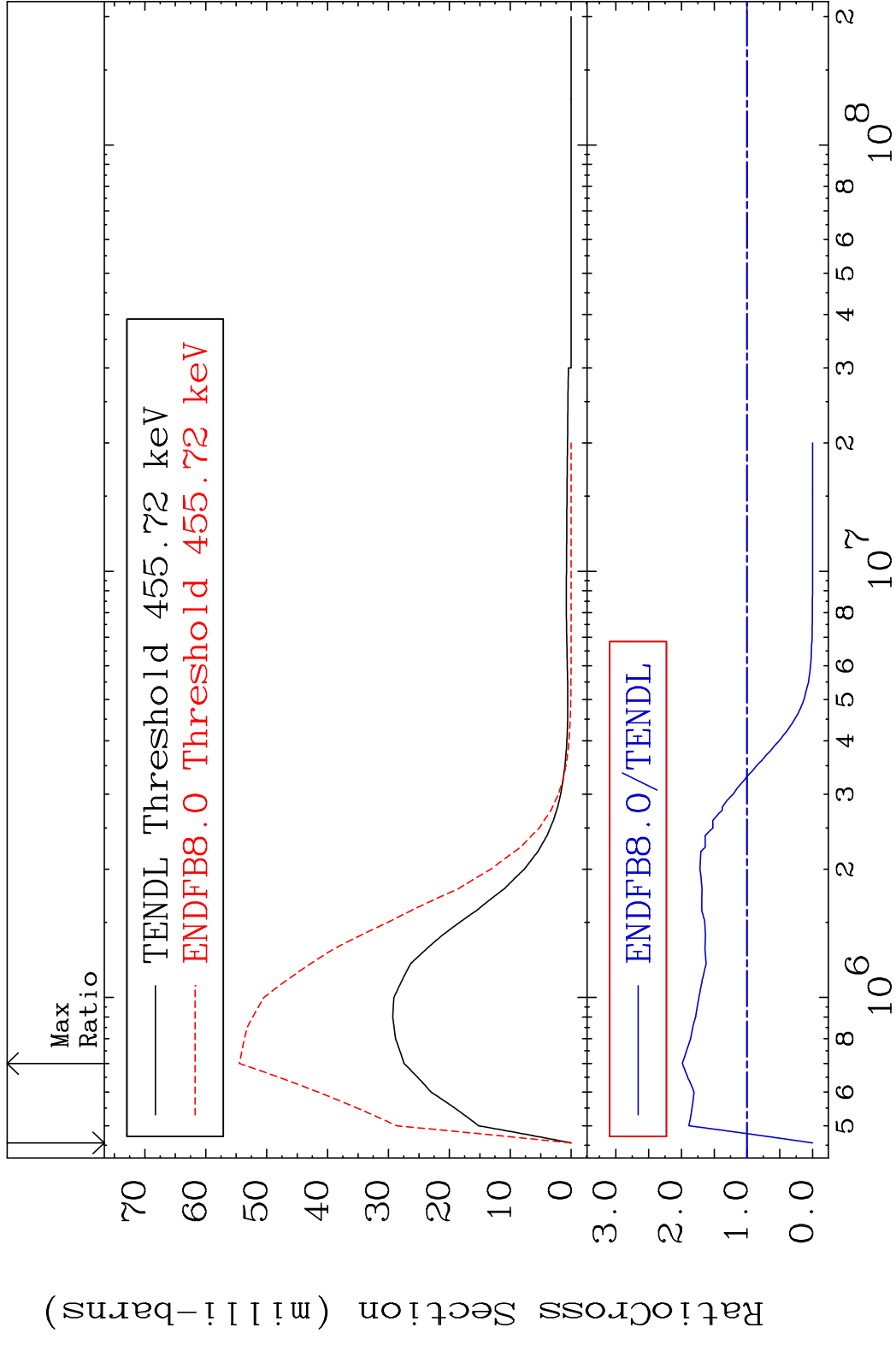
MAT 6146 MT= 71 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 148.2 %



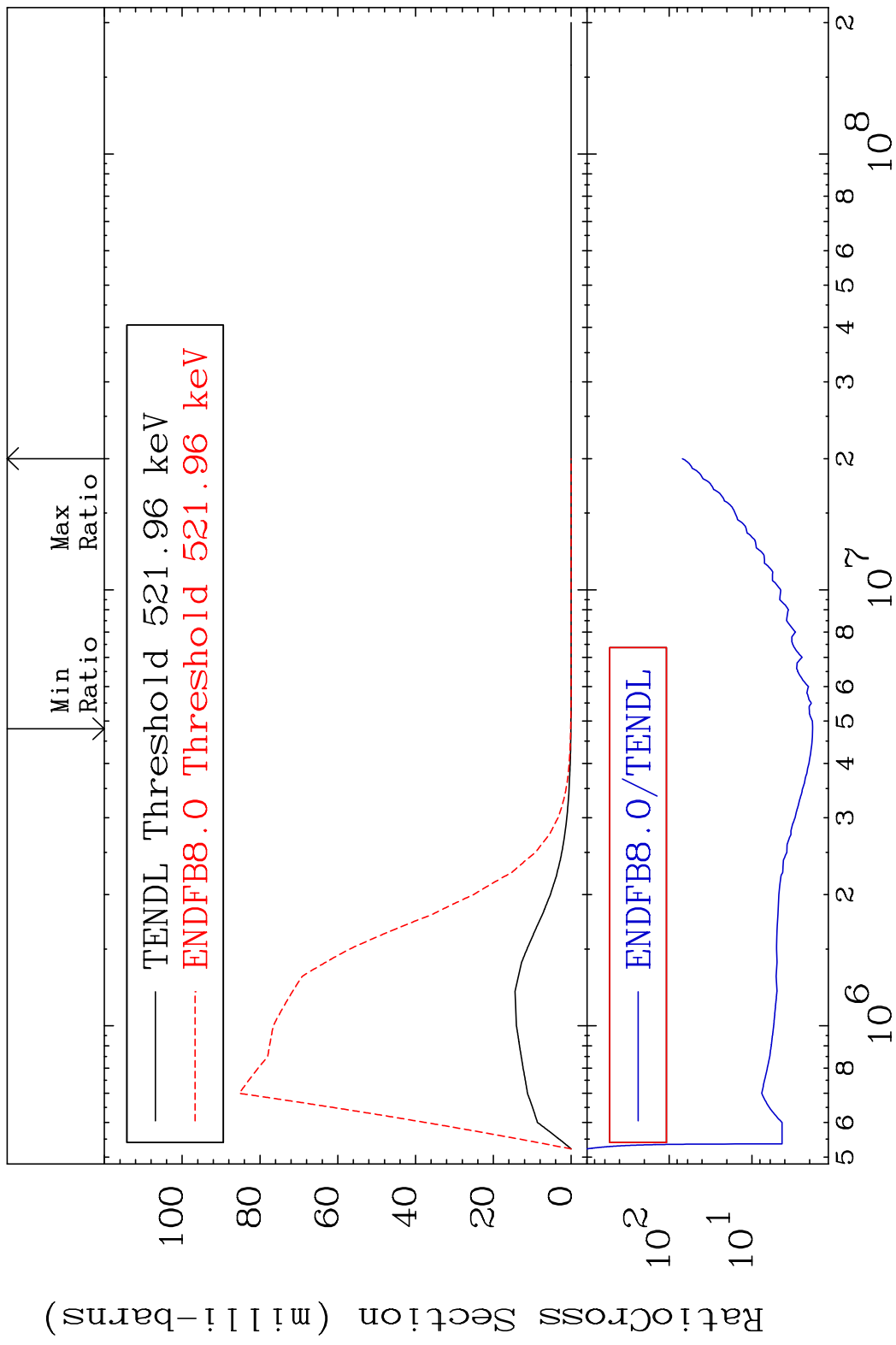
MAT 6146 MT= 72 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 2036. %



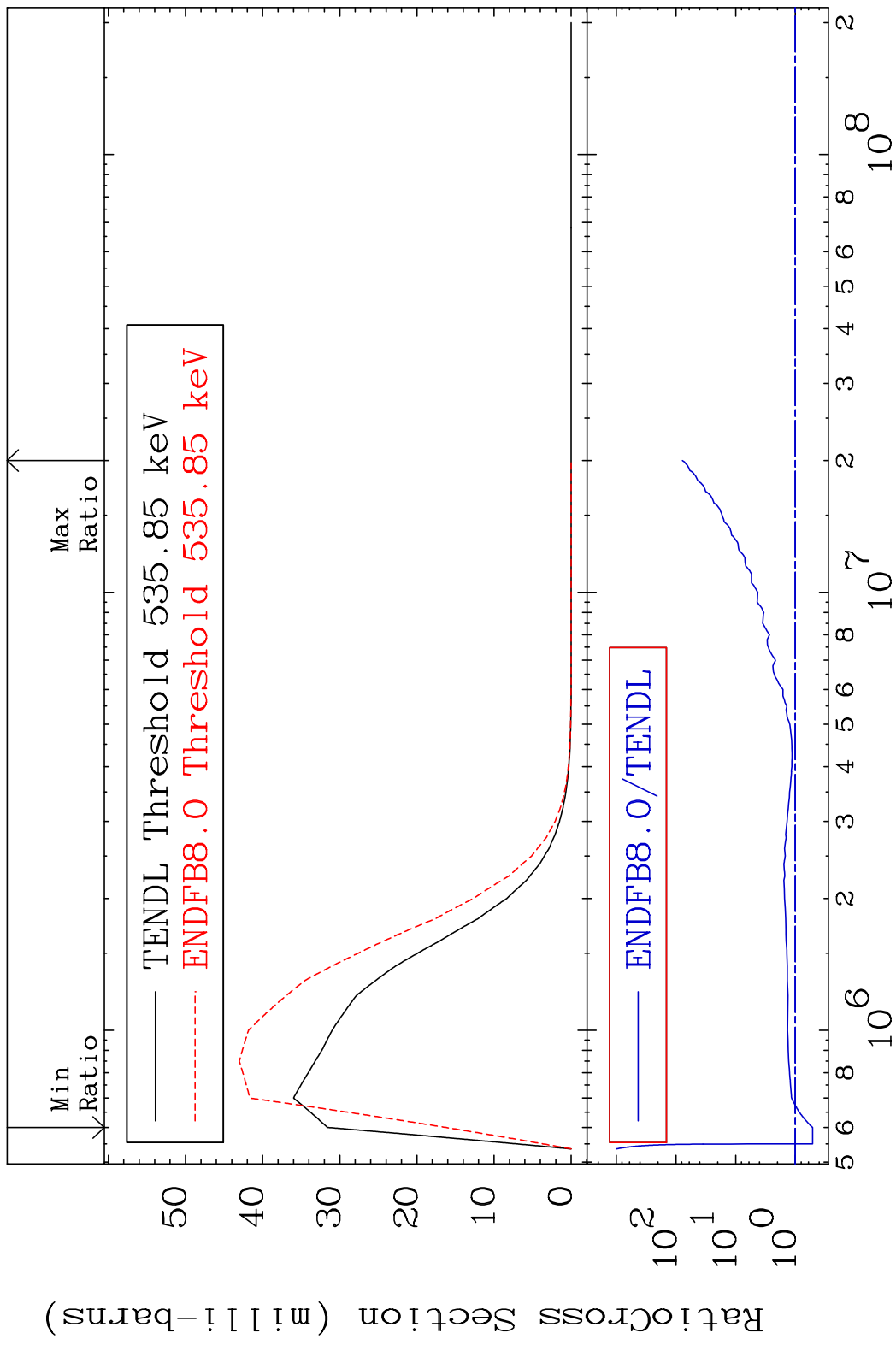
MAT 6146 MT= 73 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 98.58 %



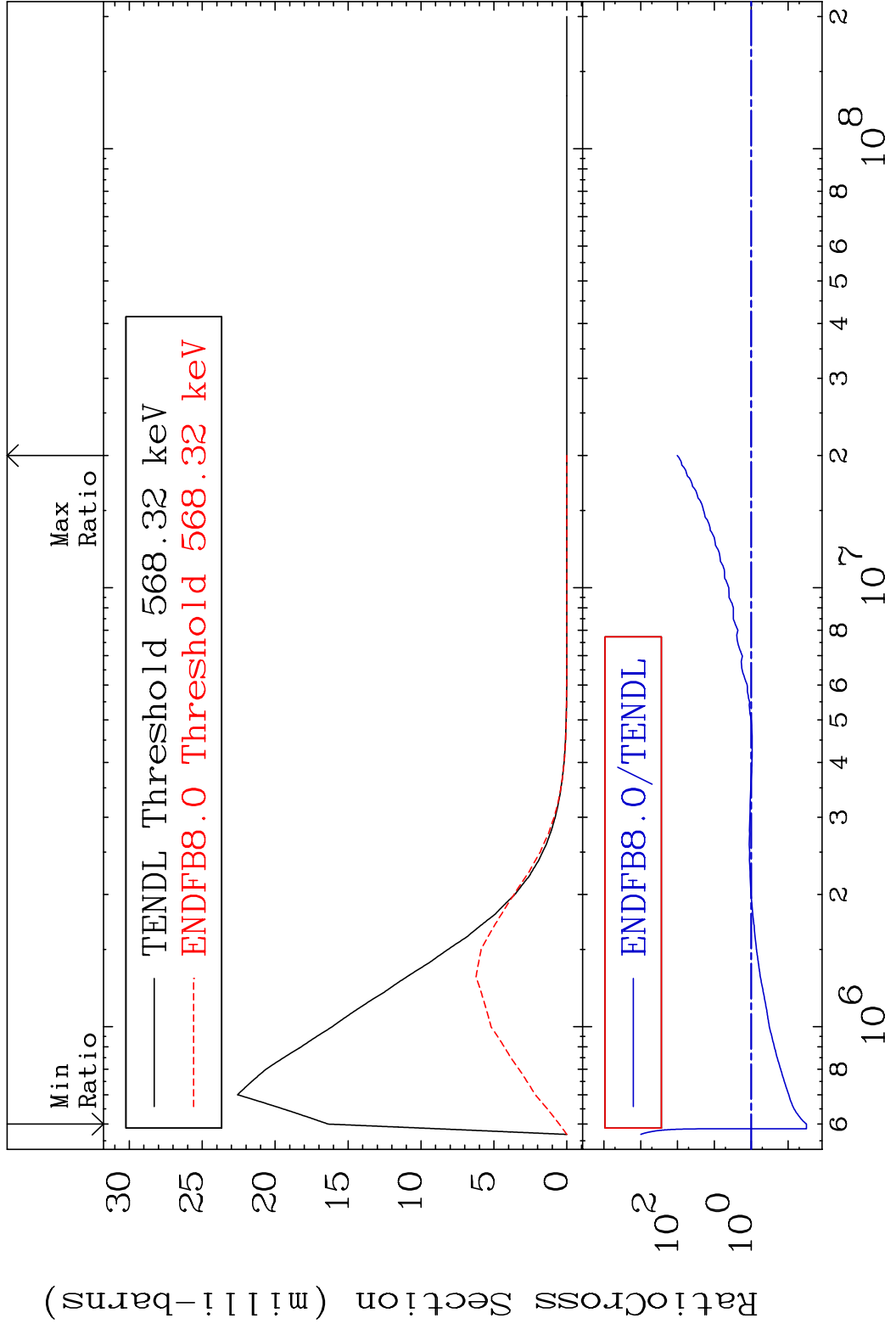
MAT 6146 MT= 74 (n, n') Level 61-Pm-146
 Cross Section 84.49 To 6829. %



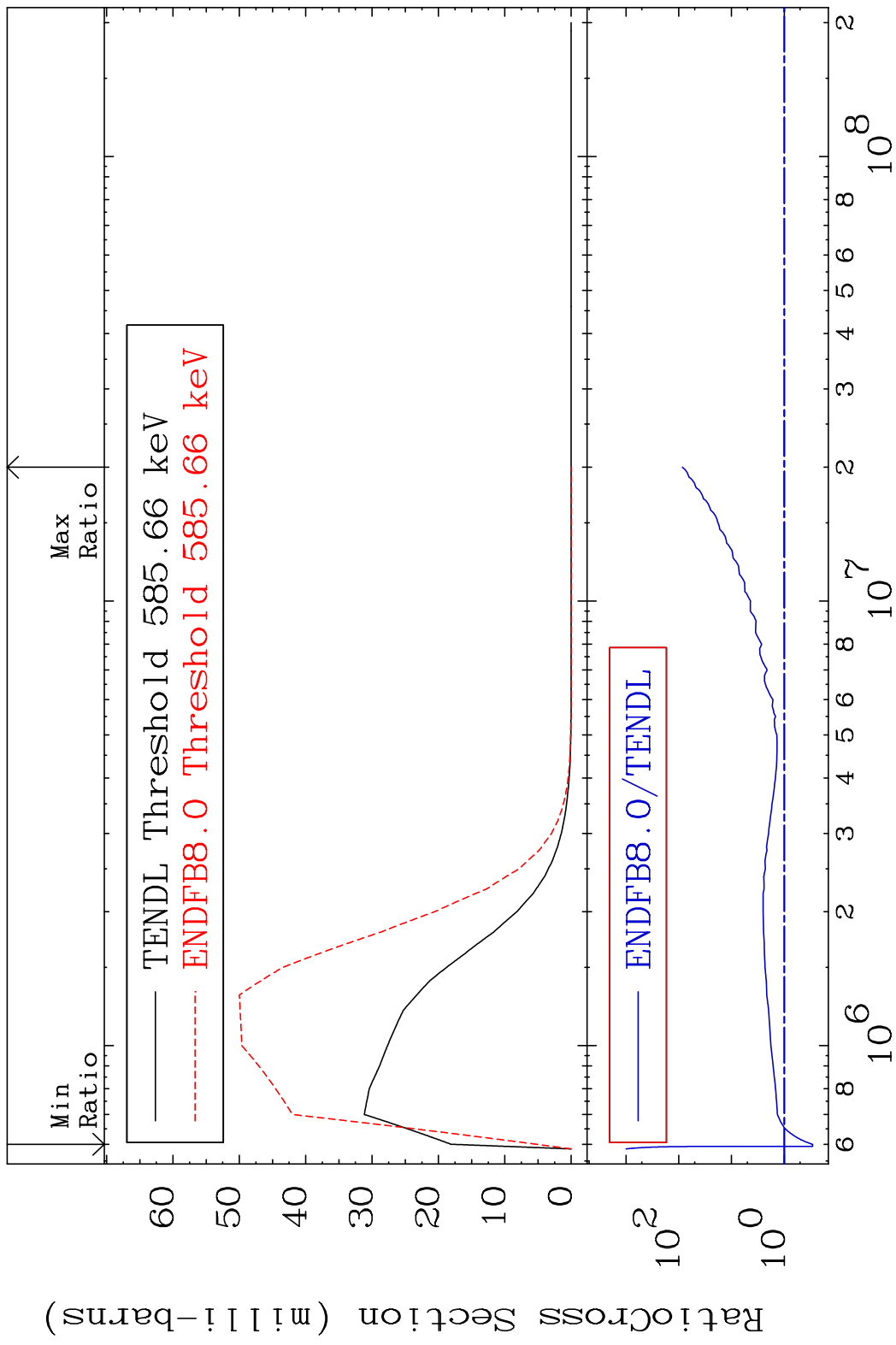
MAT 6146 MT= 75 (n, n') Level 61-Pm-146
 Cross Section -48.47 To 7710. %



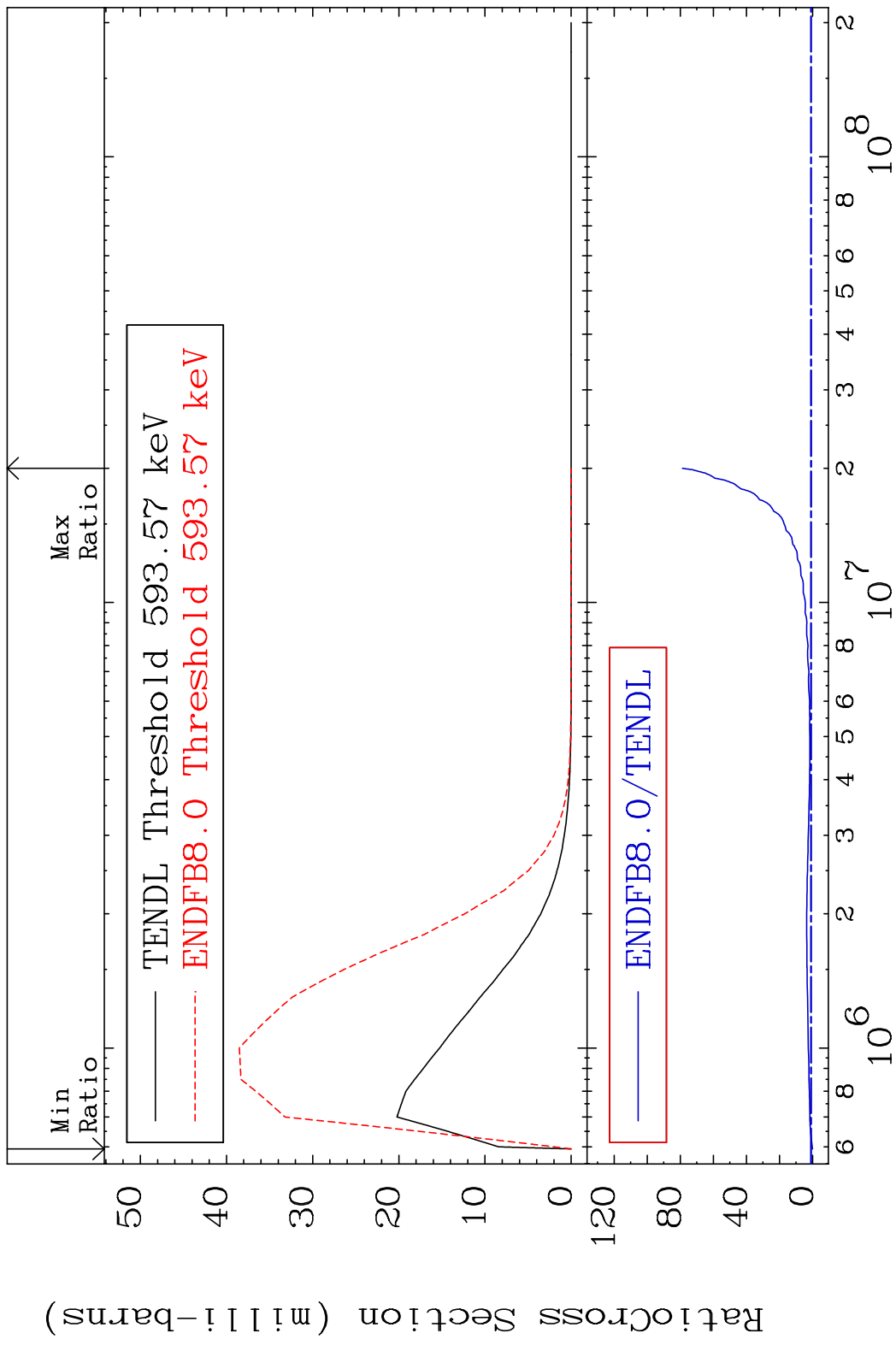
MAT 6146 MT= 76 (n, n') Level 61-Pm-146
 Cross Section -96.81 To 9999. %



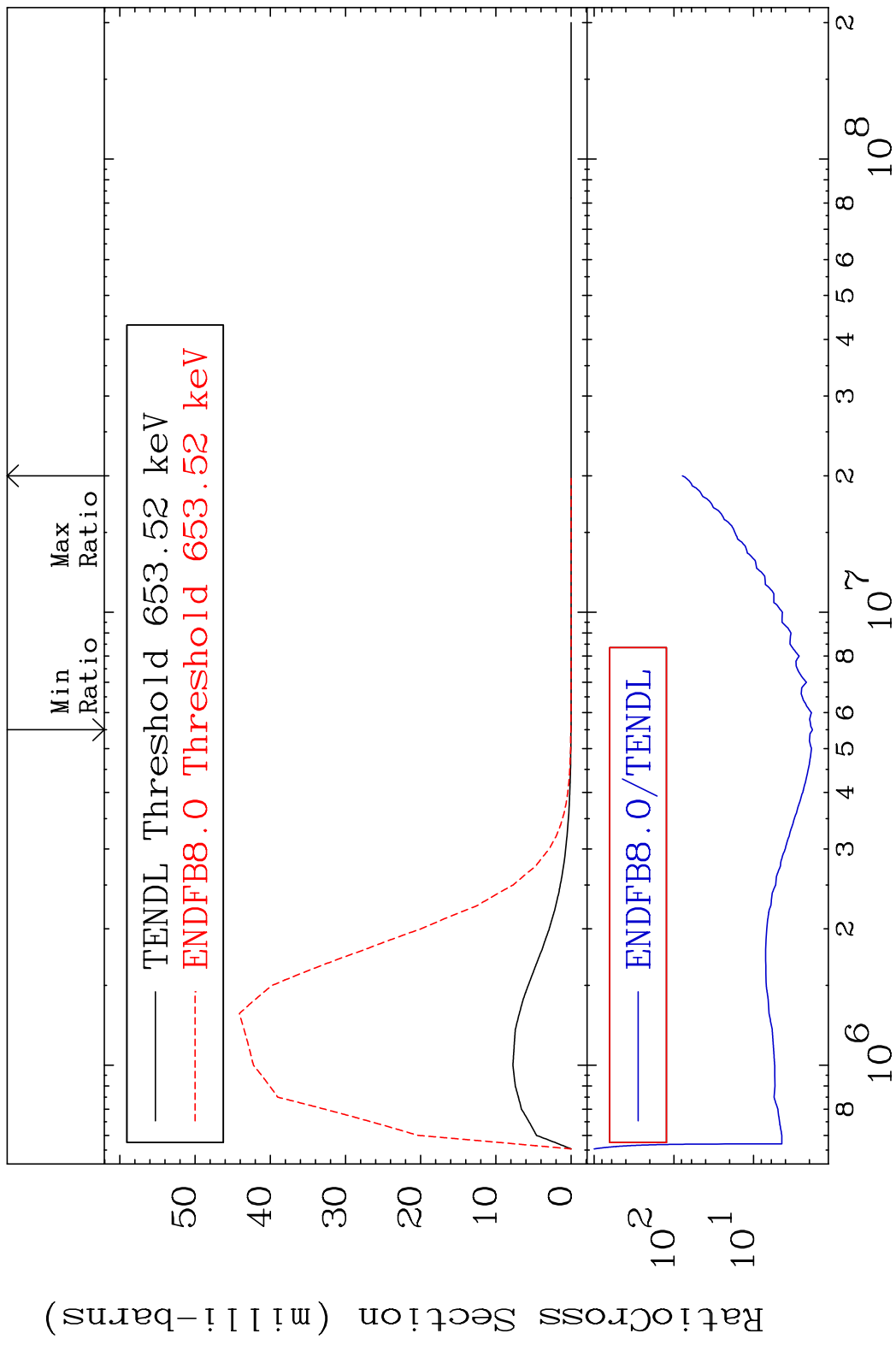
MAT 6146 MT= 77 (n, n') Level 61-Pm-146
 Cross Section -70.91 To 8438. %



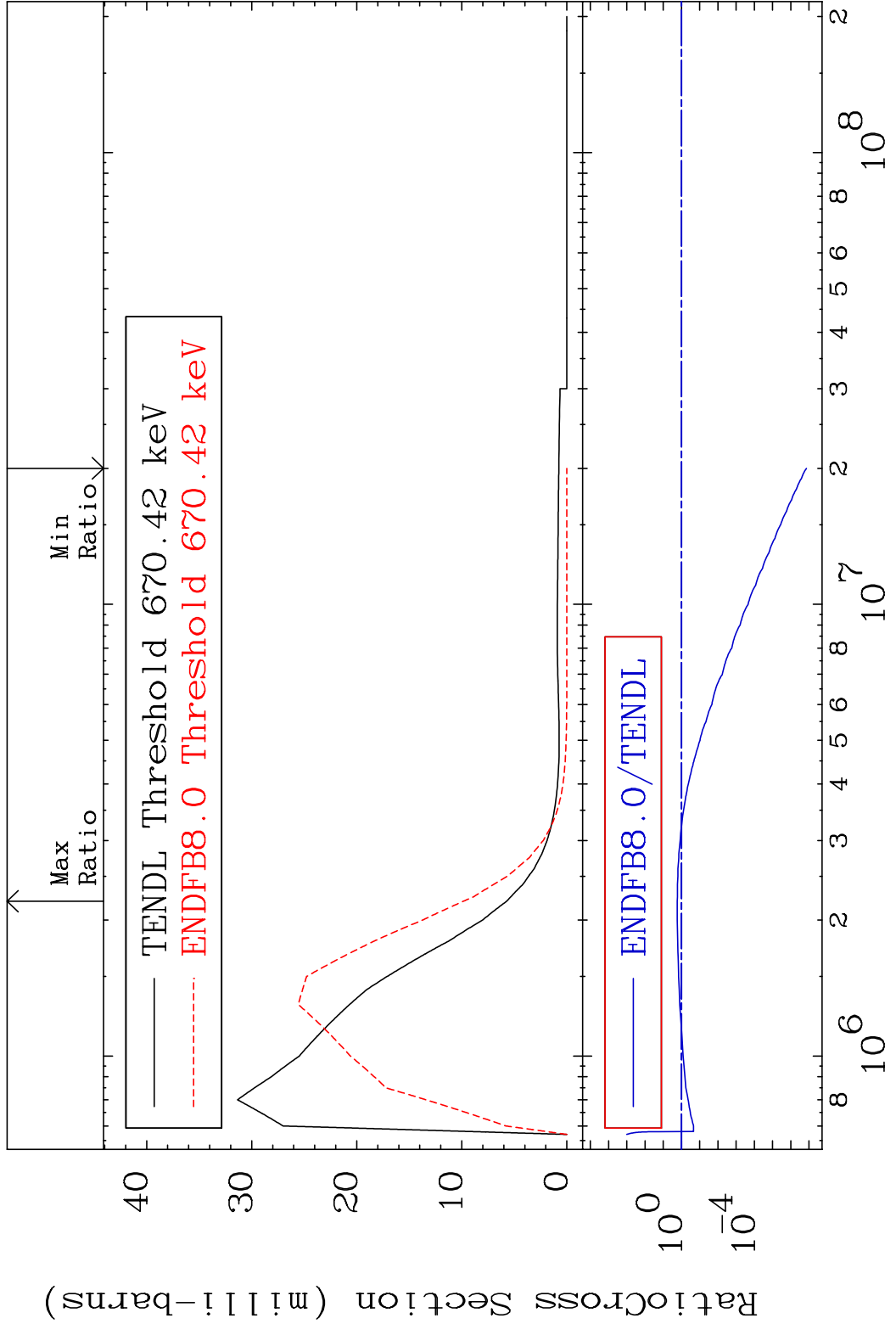
MAT 6146 MT= 78 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 7774. %



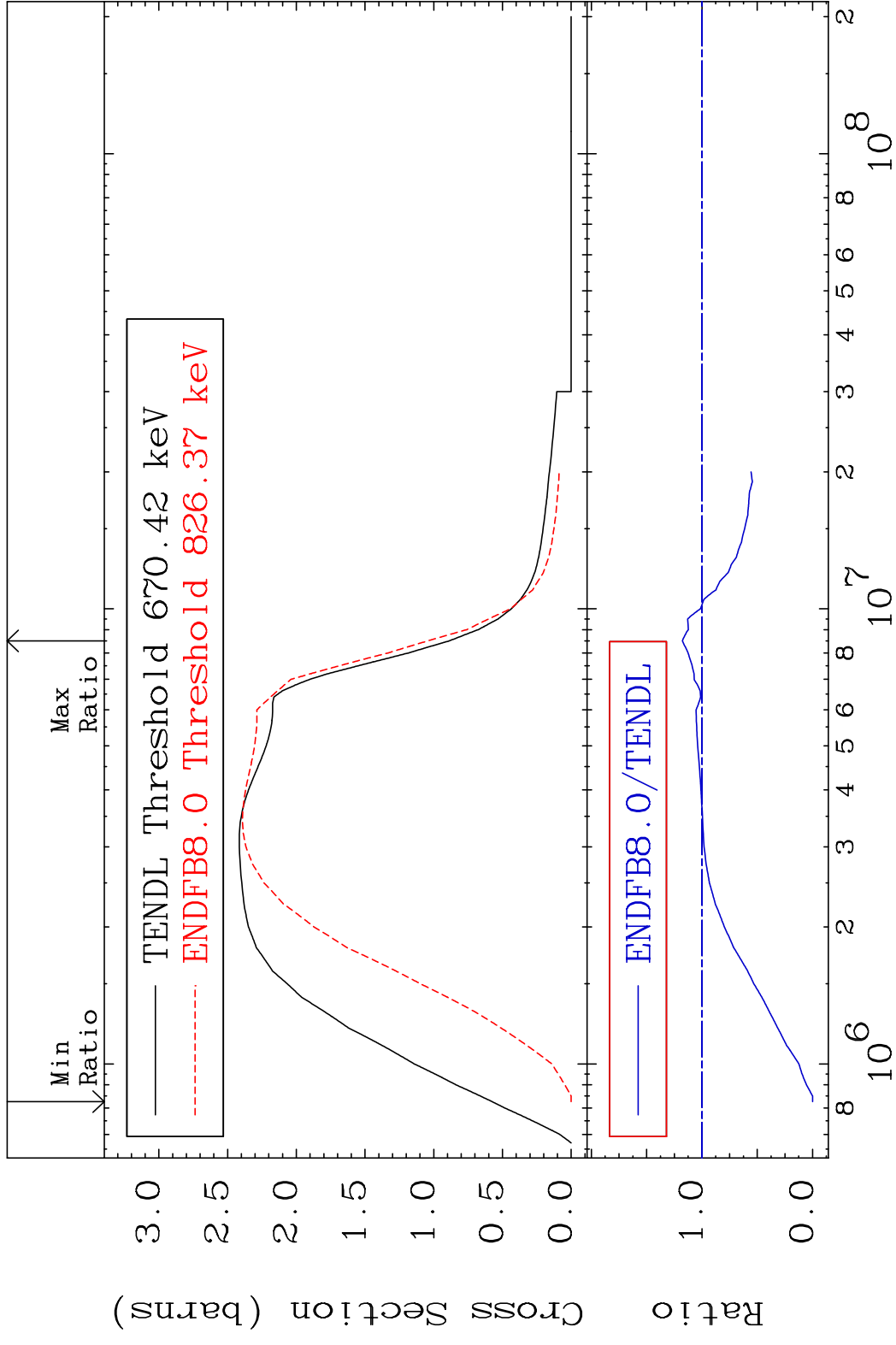
MAT 6146 MT= 79 (n, n') Level 61-Pm-146
 Cross Section 82.61 To 7725. %



MAT 6146 MT= 80 (n, n') Level 61-Pm-146
 Cross Section -100.0 To 71.65 %



MAT 6146 (n, n') Continuum 61-Pm-146
 Cross Section -100.0 To 17.71 %

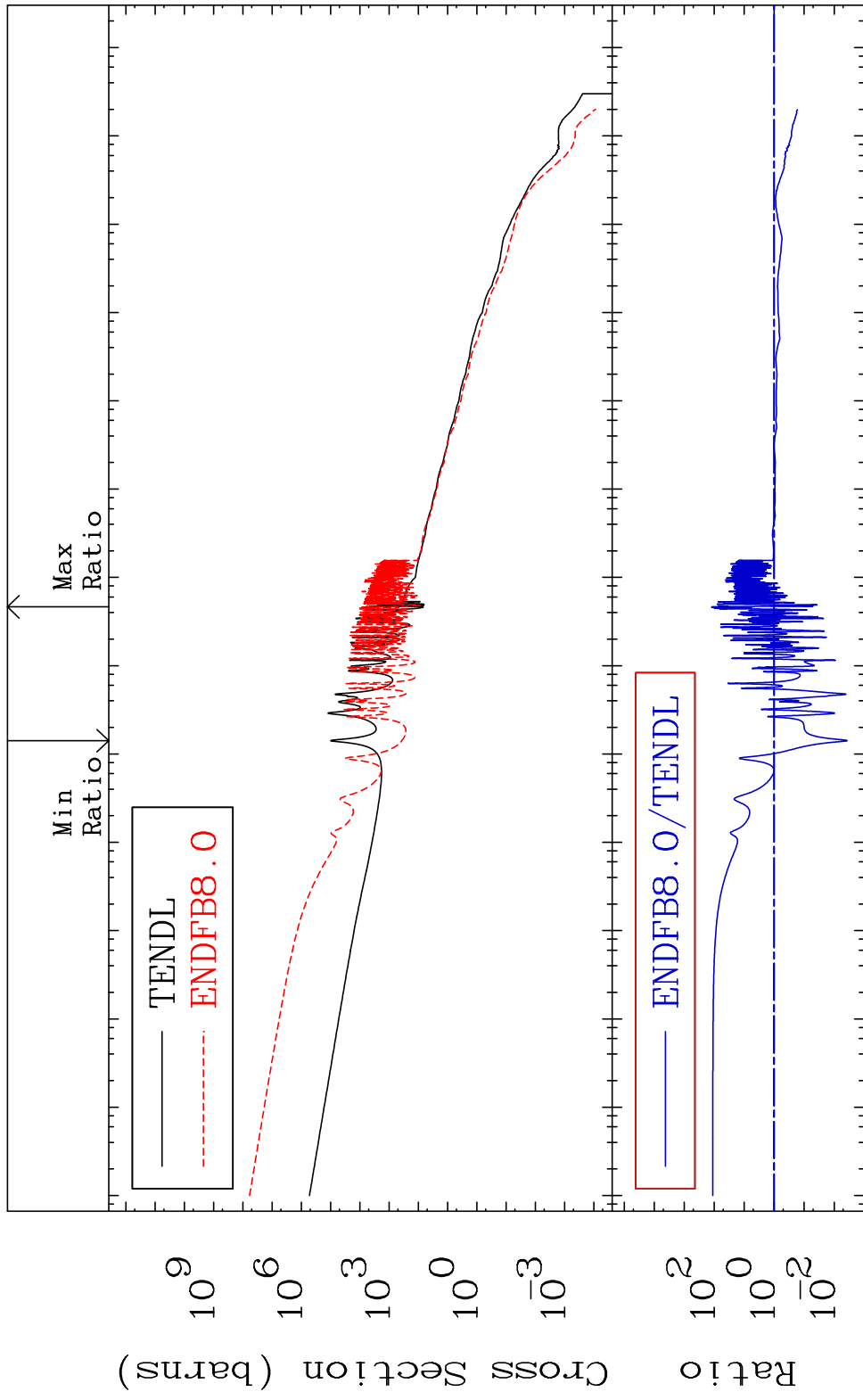


MAT 6146

61-Pm-146

(n, γ)

Cross Section -99.64 To 9999. %



36

Incident Energy (eV)

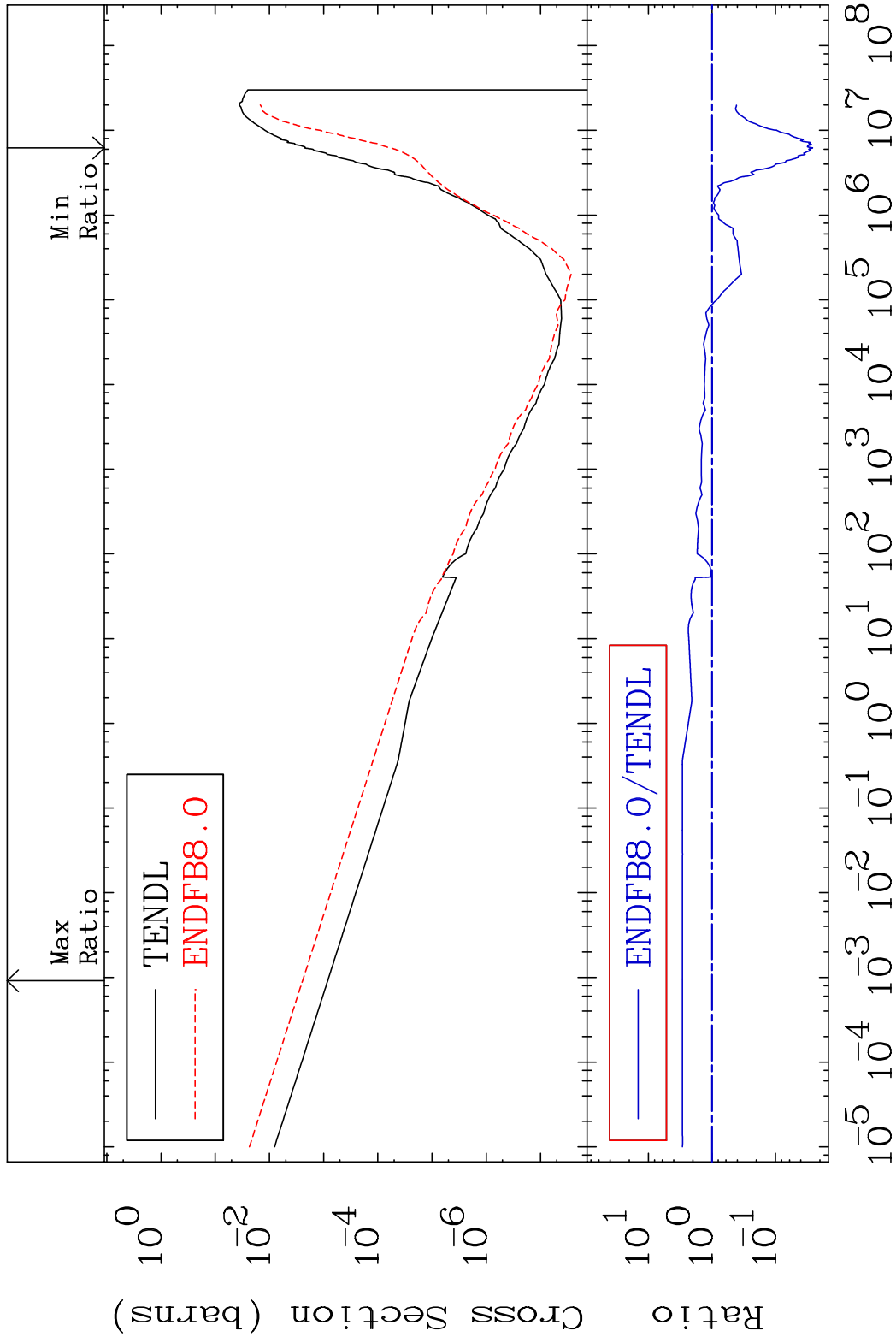
61-Pm-146

MAT 6146

(n, p)

61-Pm-146

Cross Section -97.38 To 191.6 %

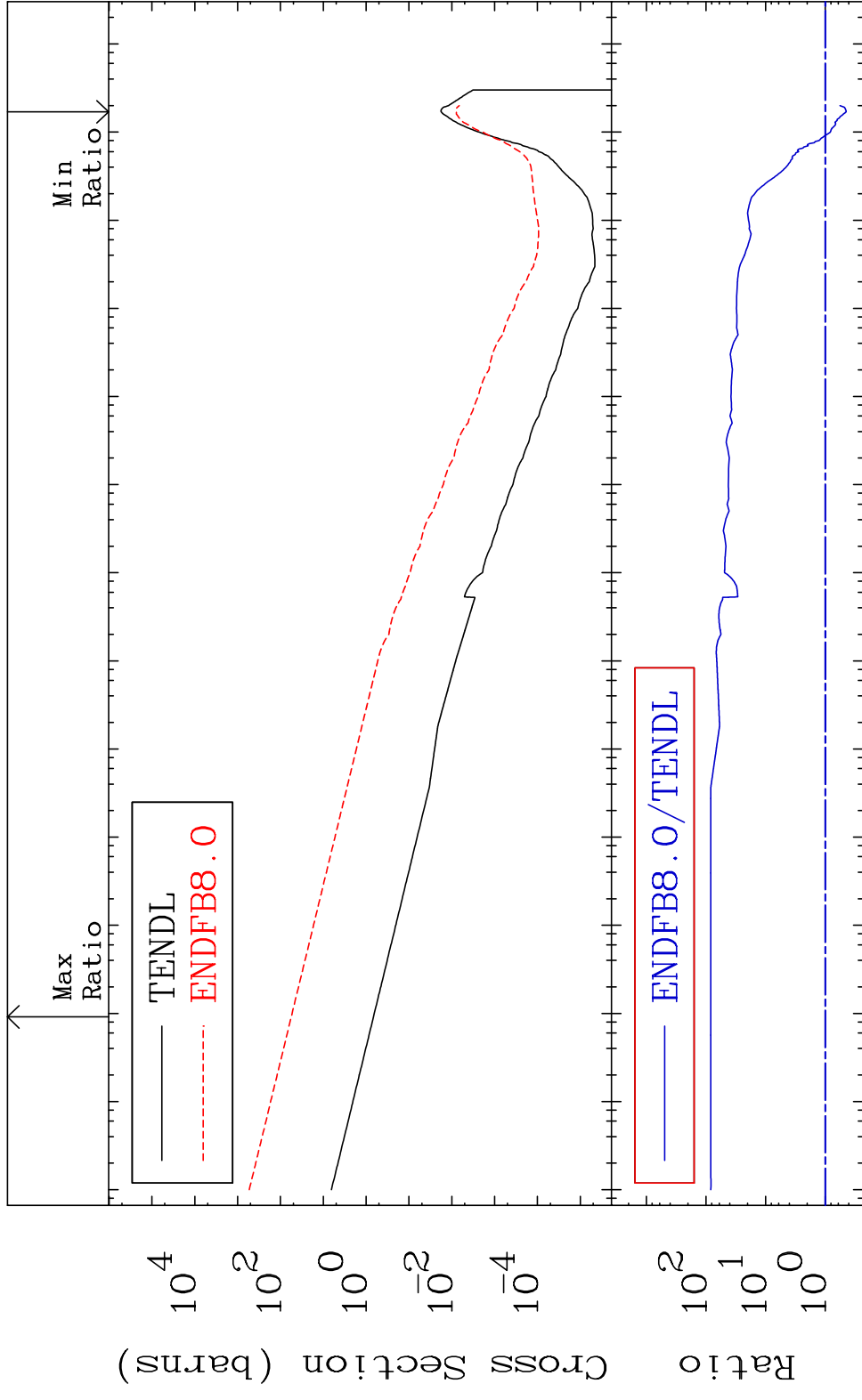


37

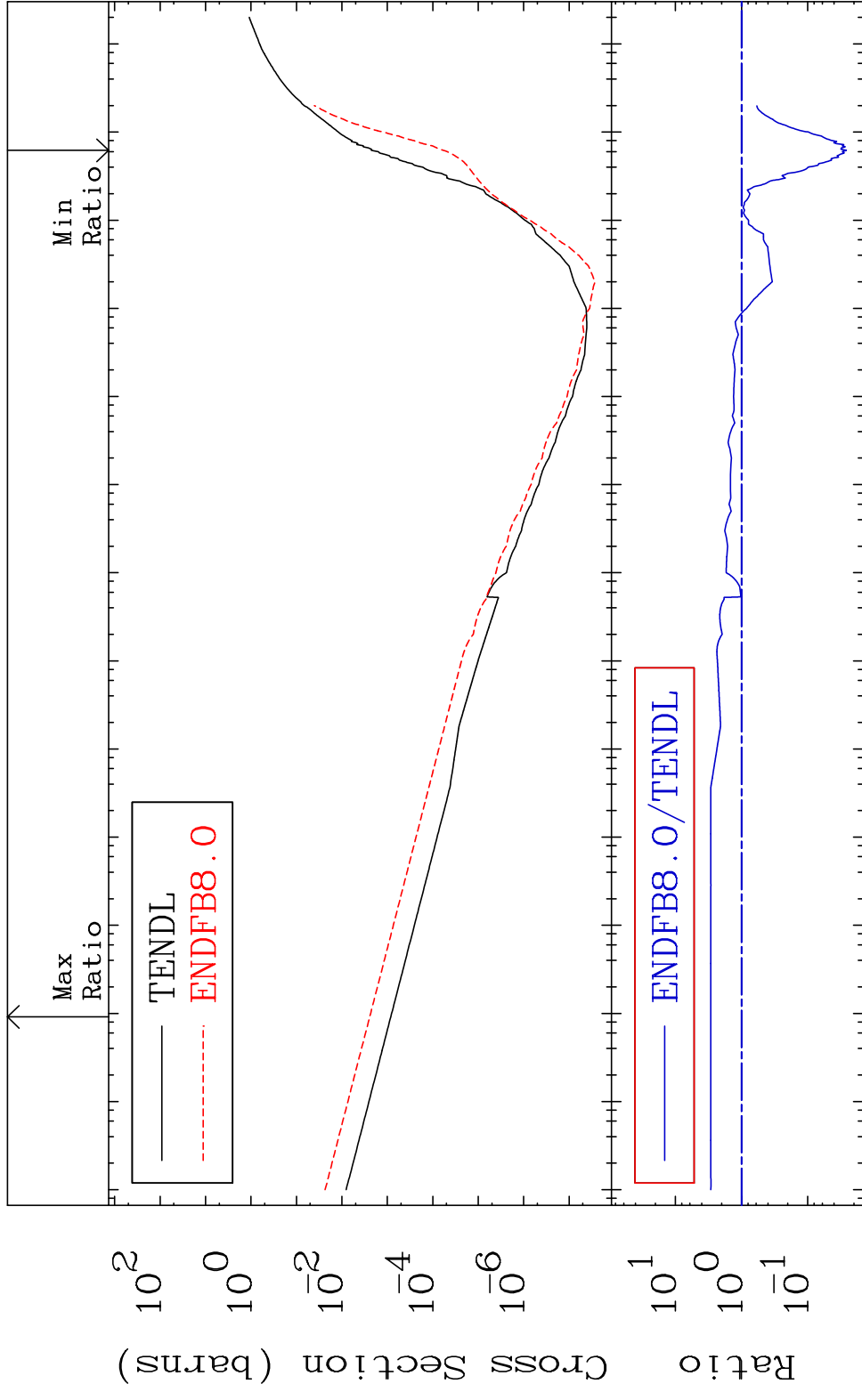
Incident Energy (eV)

61-Pm-146

MAT 6146 (n, α) 61-Pm-146
 Cross Section -55.89 To 8229. %



MAT 6146 Hydrogen Production 61-Pm-146
 Cross Section -97.38 To 191.6 %



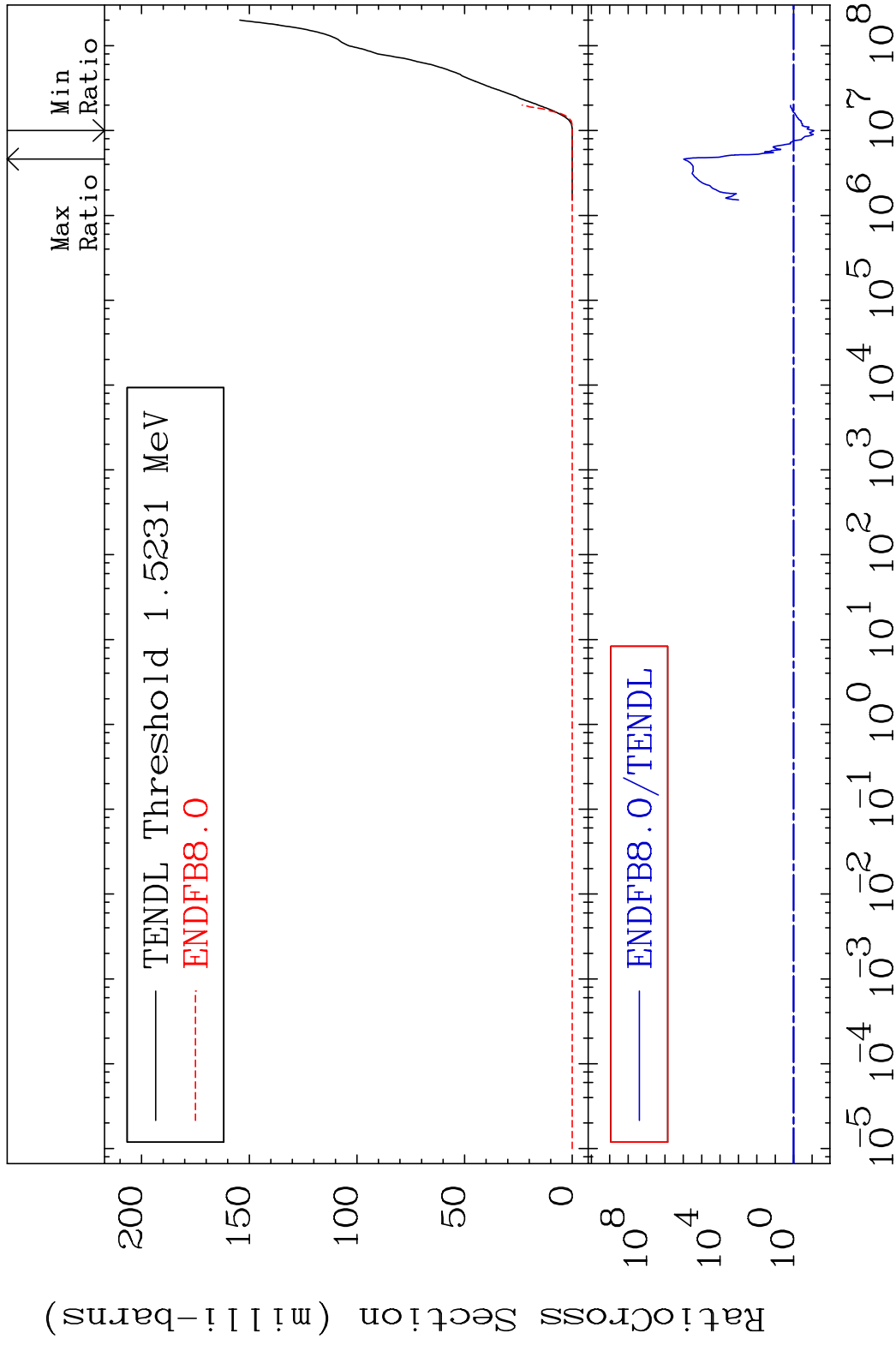
39 Incident Energy (eV) 61-Pm-146

MAT 6146

Deuterium Production

61-Pm-146

Cross Section -92.26 To 9999. %



40

Incident Energy (eV)

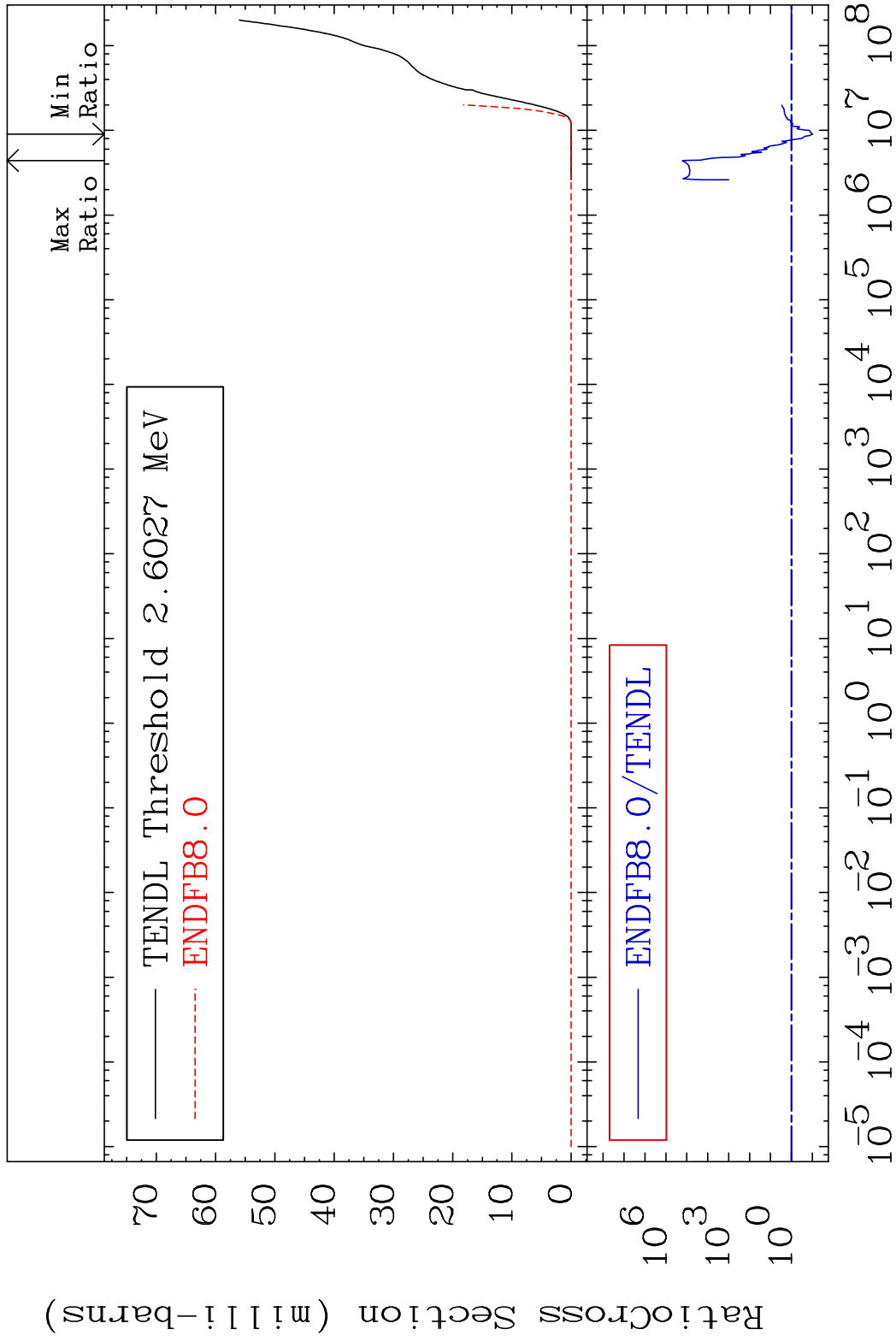
61-Pm-146

MAT 6146

Tritium Production

61-Pm-146

Cross Section -90.22 To 9999. %



41

Incident Energy (eV)

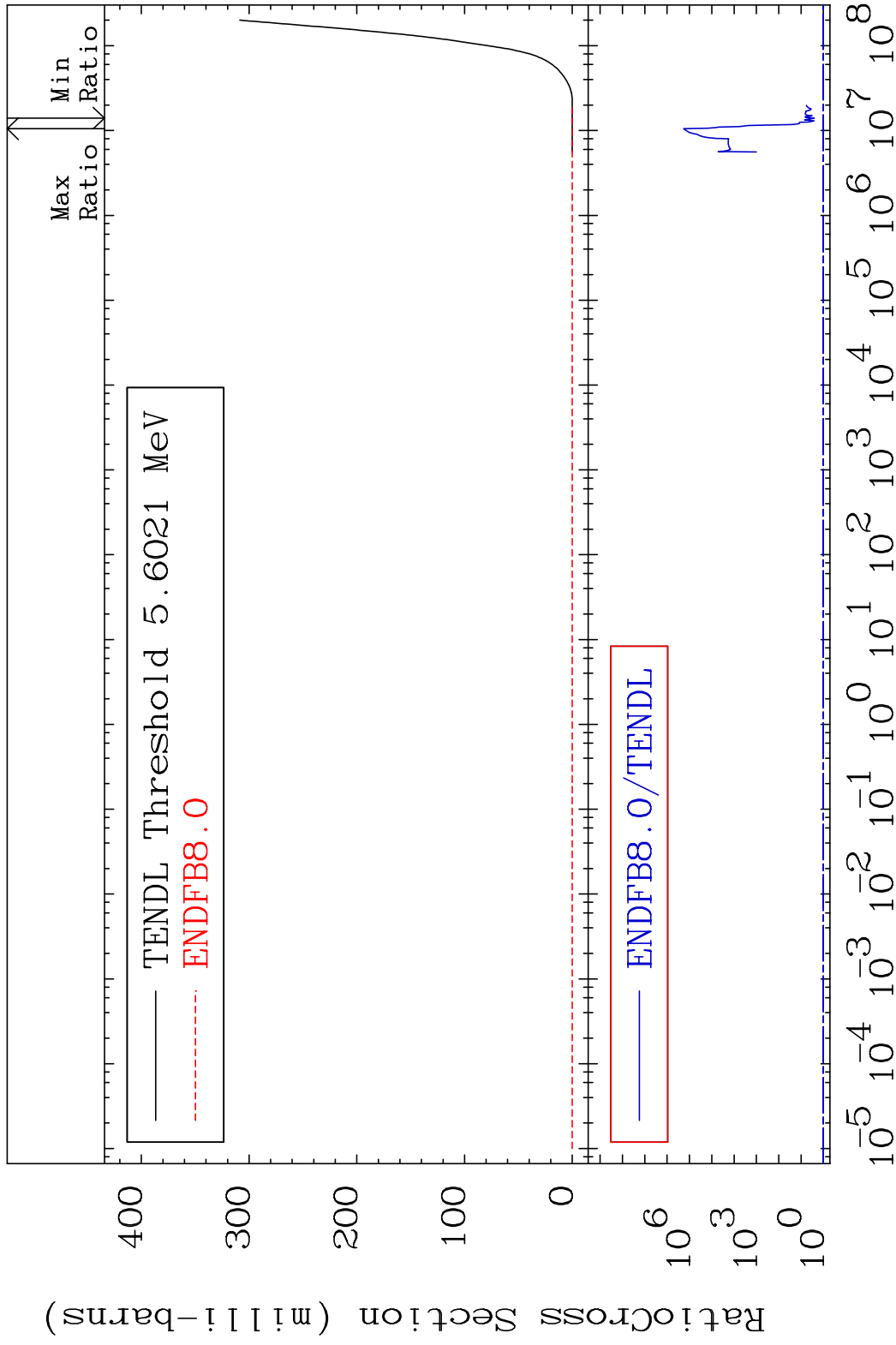
61-Pm-146

MAT 6146

He-3 Production

61-Pm-146

Cross Section 160.1 To 9999. %

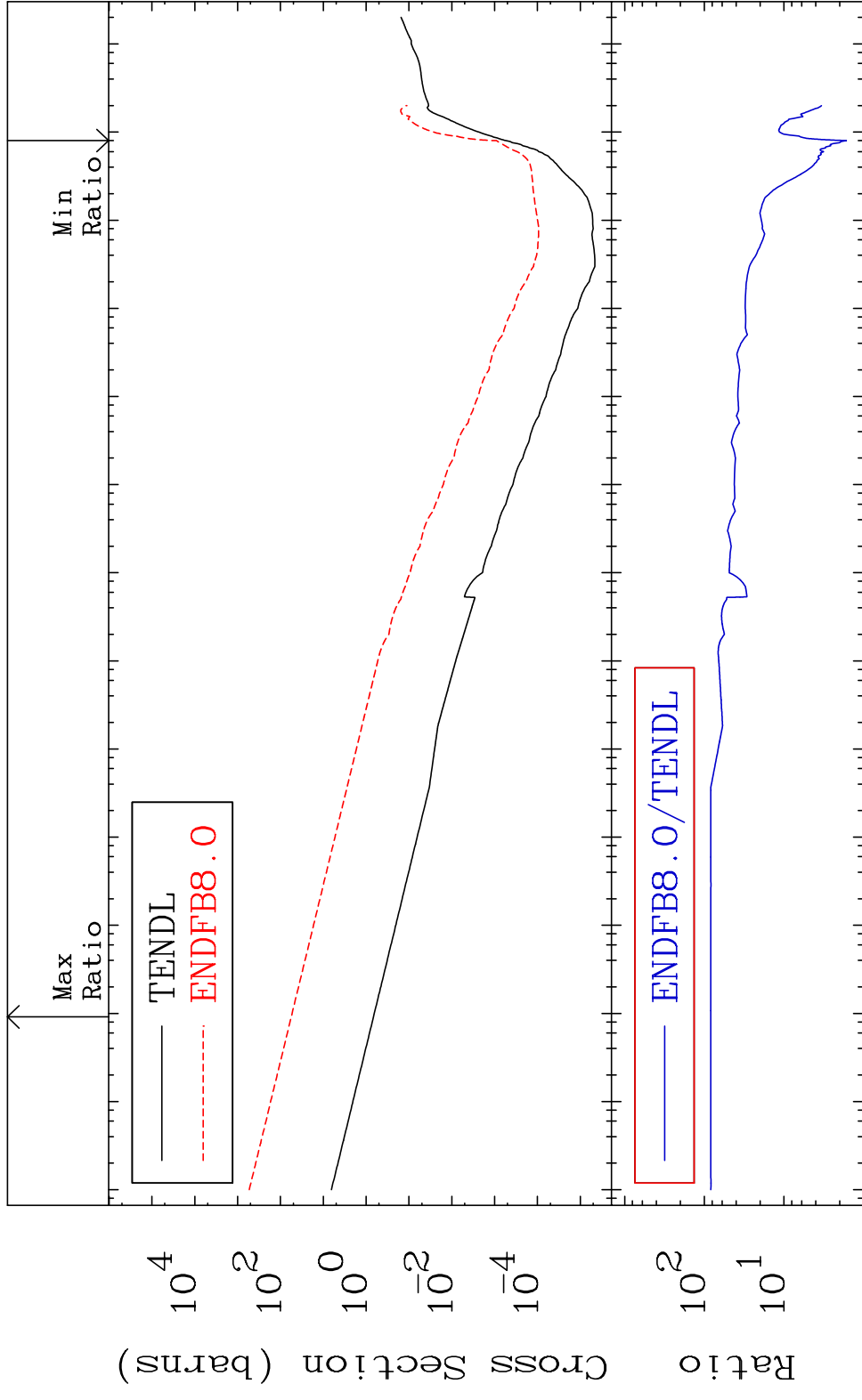


42

Incident Energy (eV)

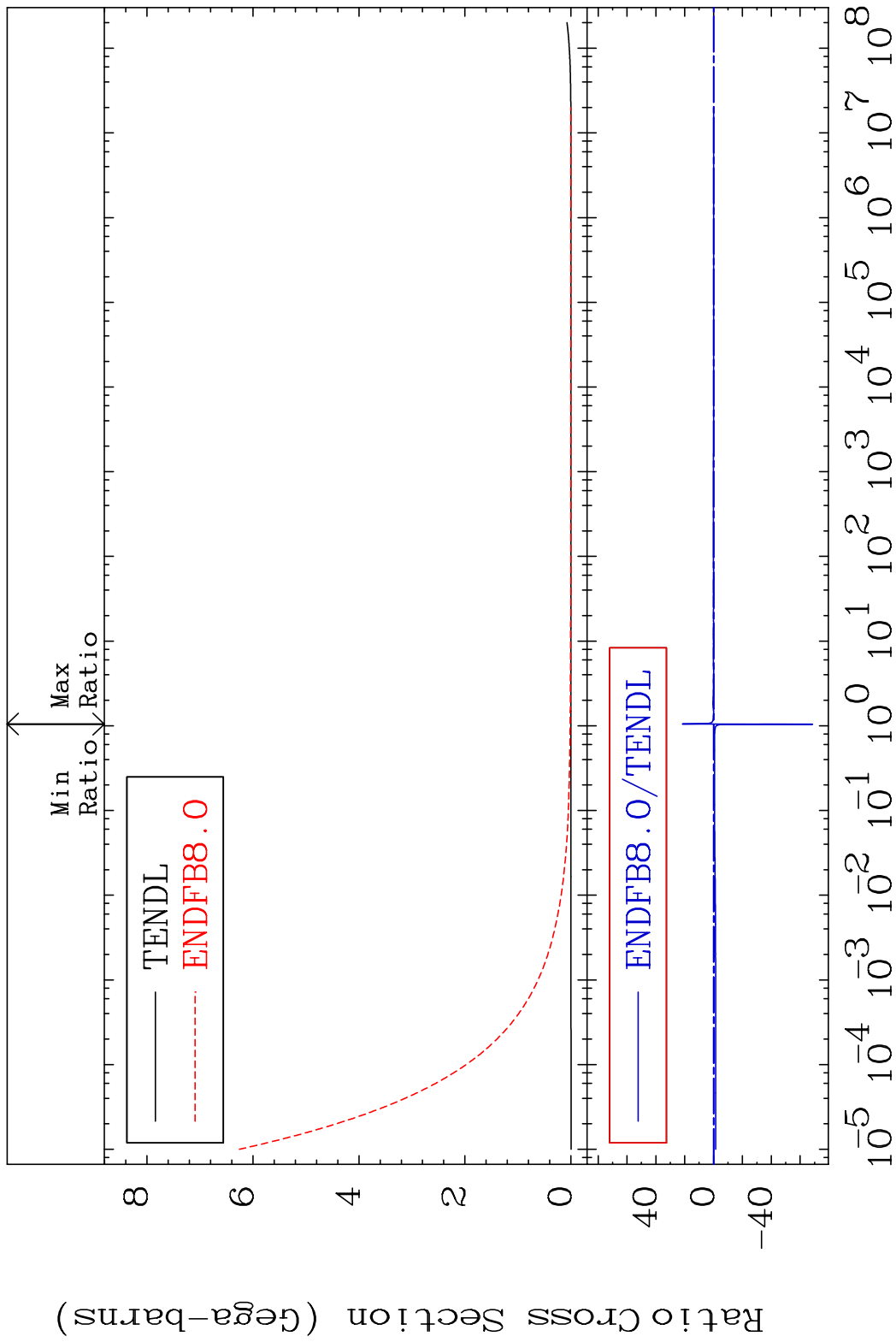
61-Pm-146

MAT 6146 He-4 Production 61-Pm-146
 Cross Section 65.05 To 8229. %



43 Incident Energy (eV) 61-Pm-146

MAT 6146 Kerma total (eV-barns) 61-Pm-146
 Cross Section -9999. To 9999. %

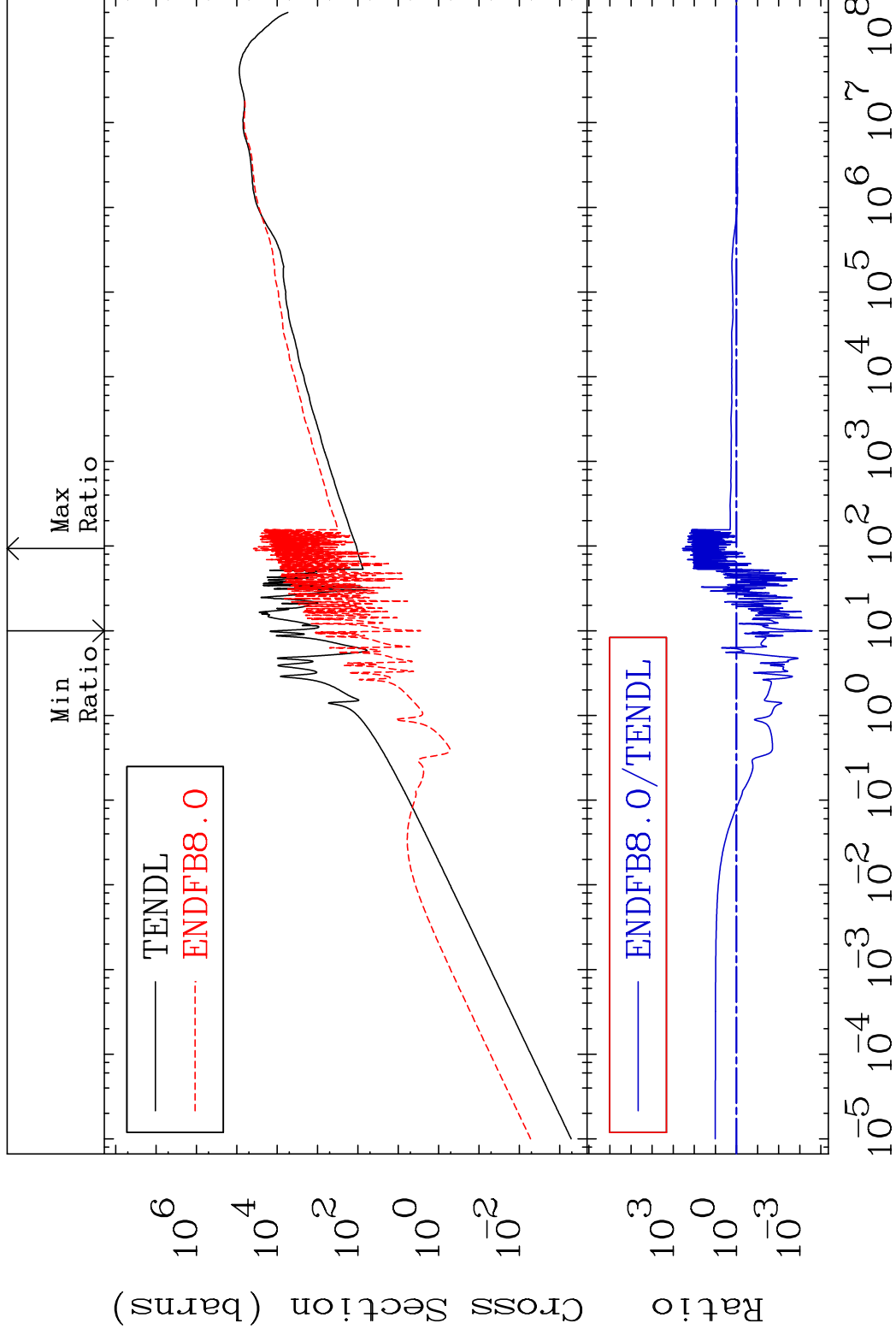


44 Incident Energy (eV) 61-Pm-146

MAT 6146

Kerma elastic
Cross Section -99.98 To 9999. %

61-Pm-146
To 9999. %

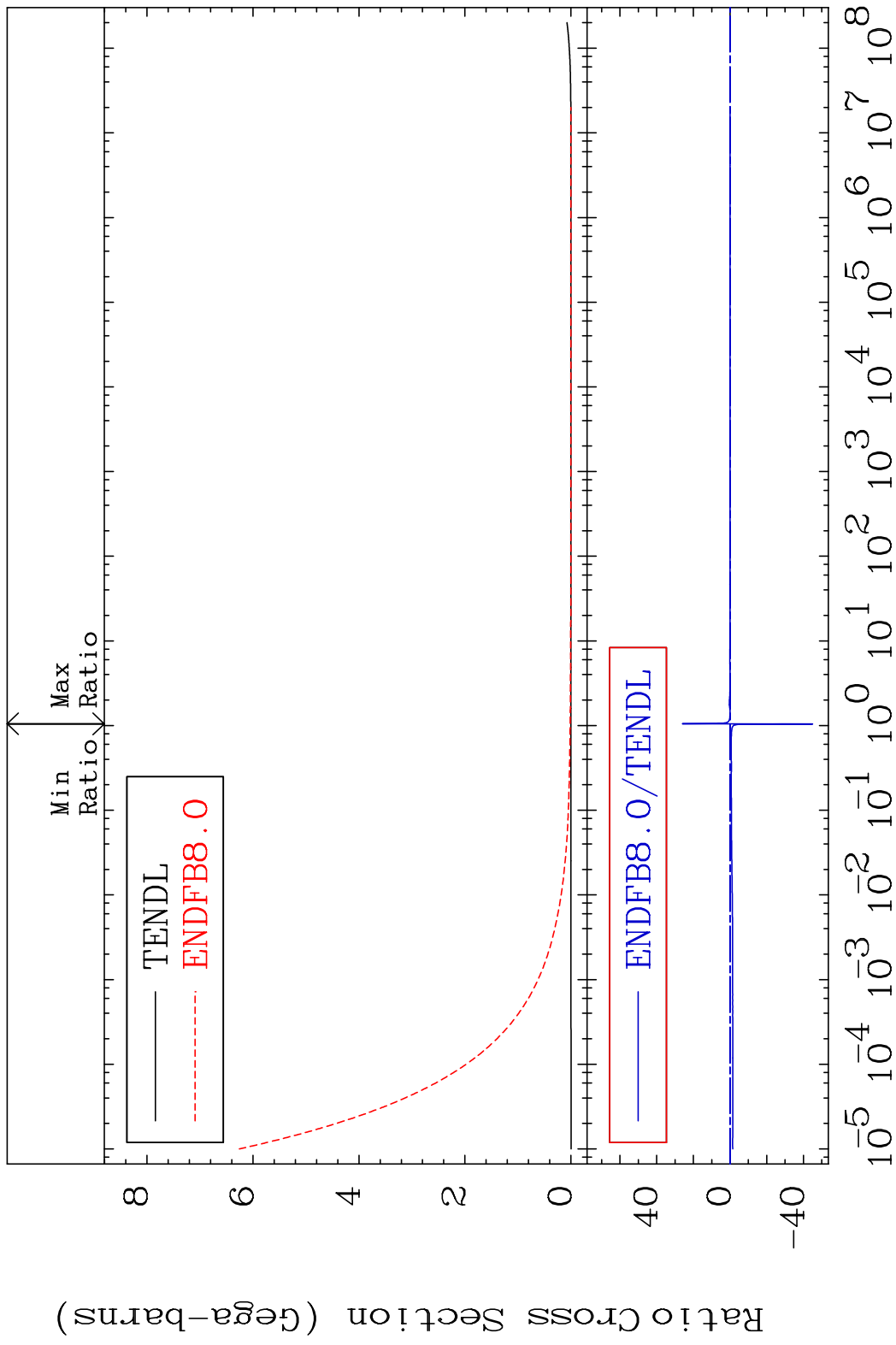


45

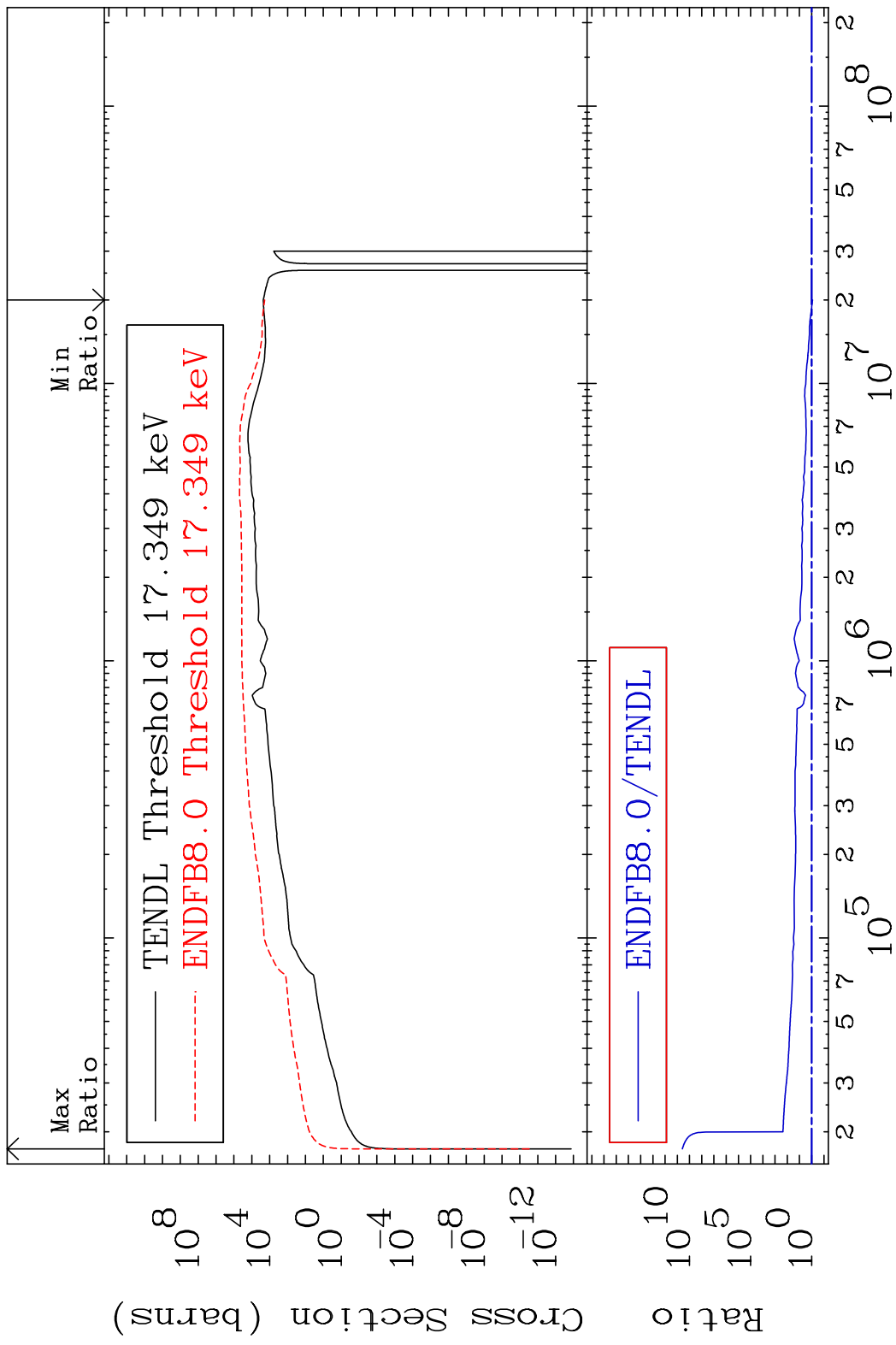
Incident Energy (eV)

61-Pm-146

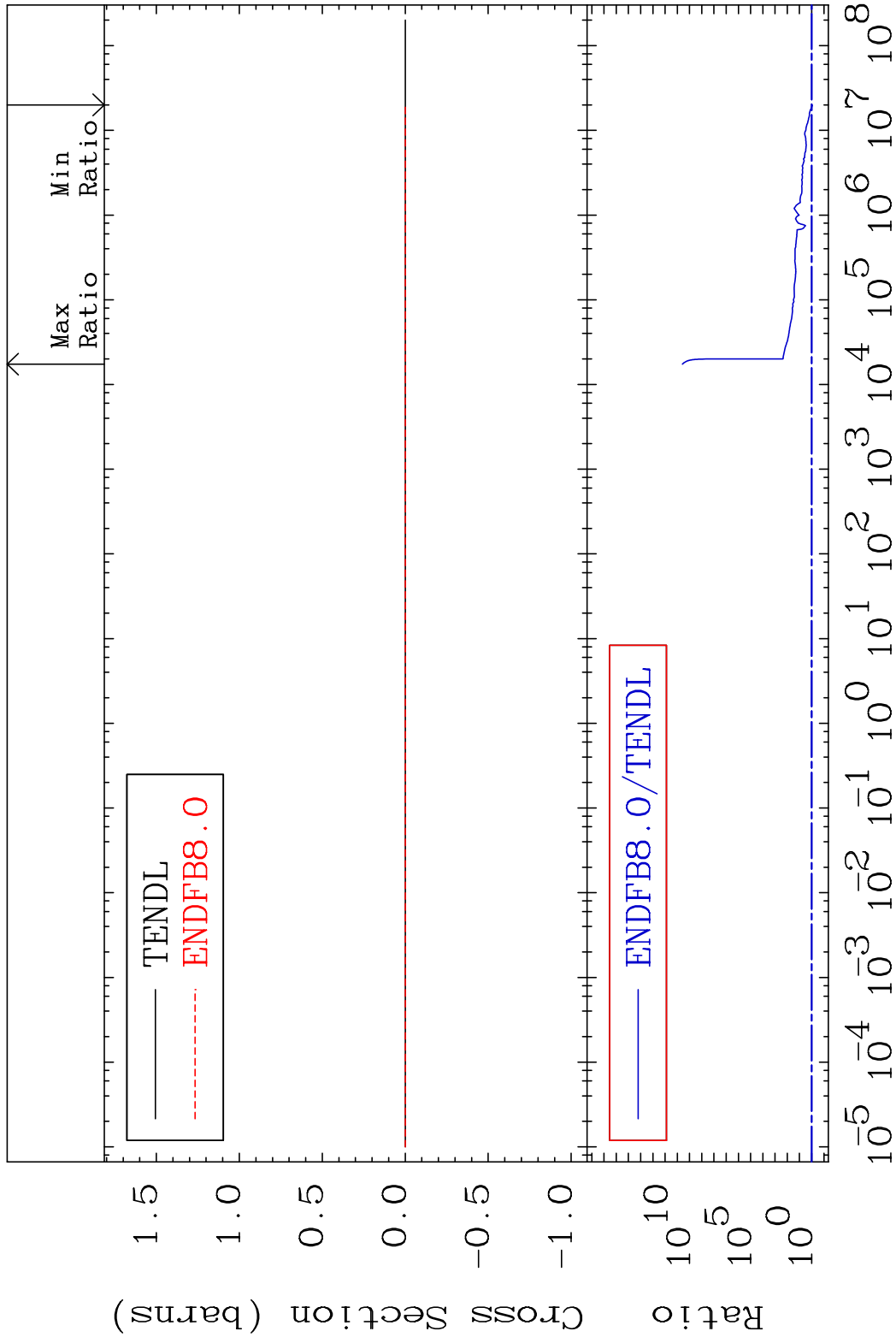
MAT 6146 Kerma non-elastic (all but mt2) 61-Pm-146
 Cross Section -9999. To 9999. %



MAT 6146 Kerma inelastic (mt51-91) 61-Pm-146
 Cross Section -15.24 To 9999. %

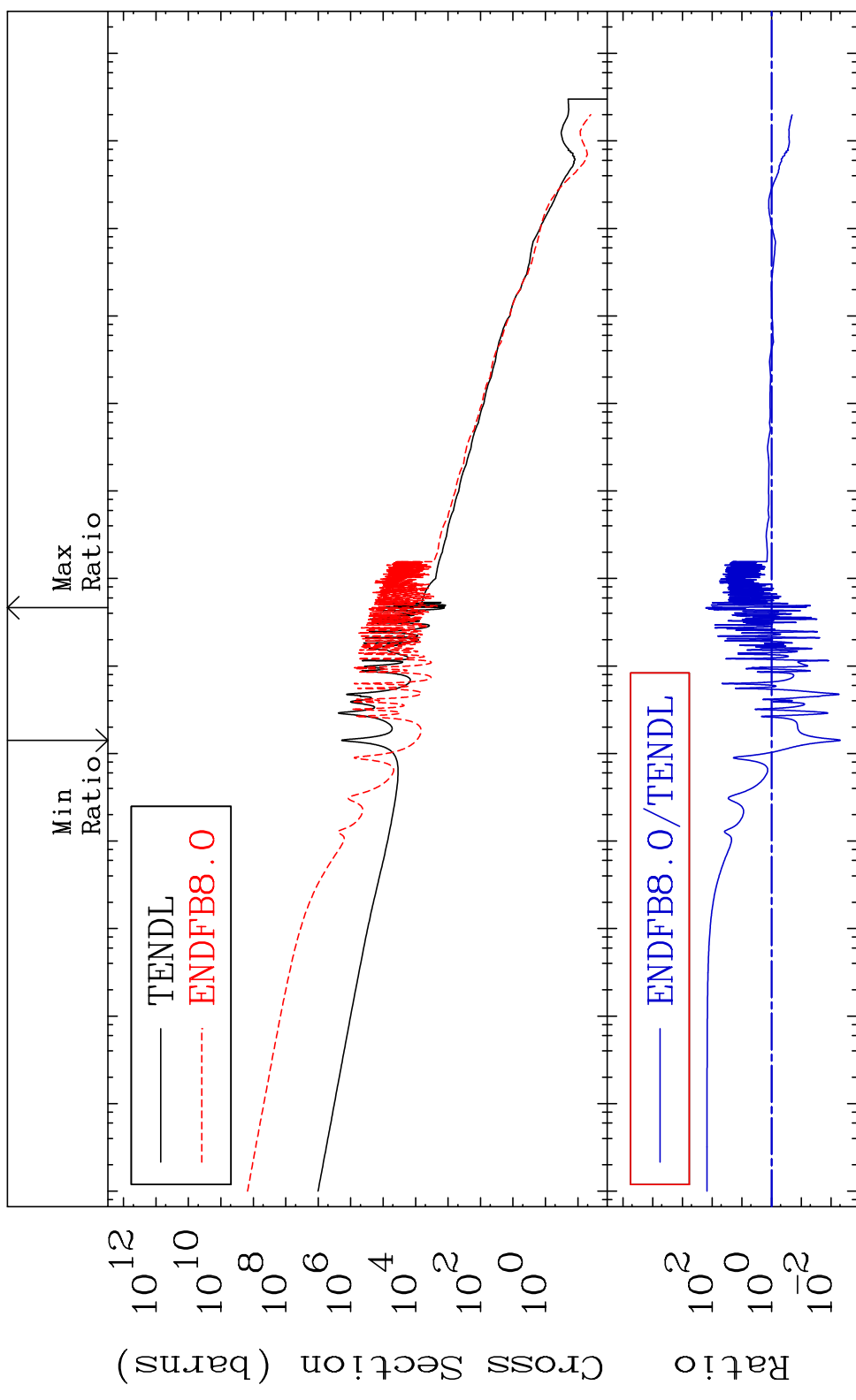


MAT 6146 Kerma fission (mt18 or mt19-20-21-38) 61-Pm-146
 Cross Section -15.24 To 9999. %

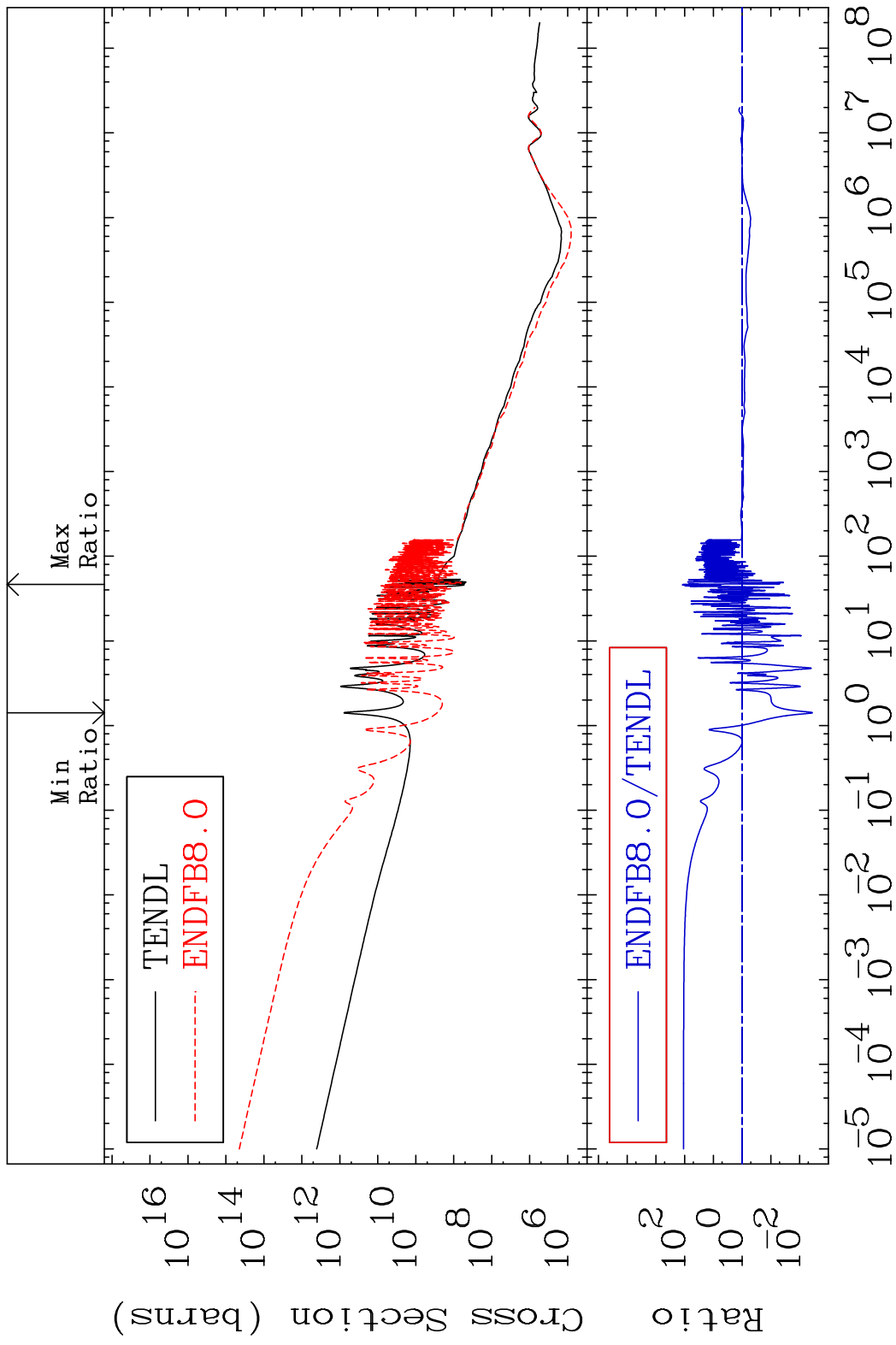


MAT 6146

Kerma capture (mt102) 61-Pm-146
Cross Section -99.51 To 9999. %

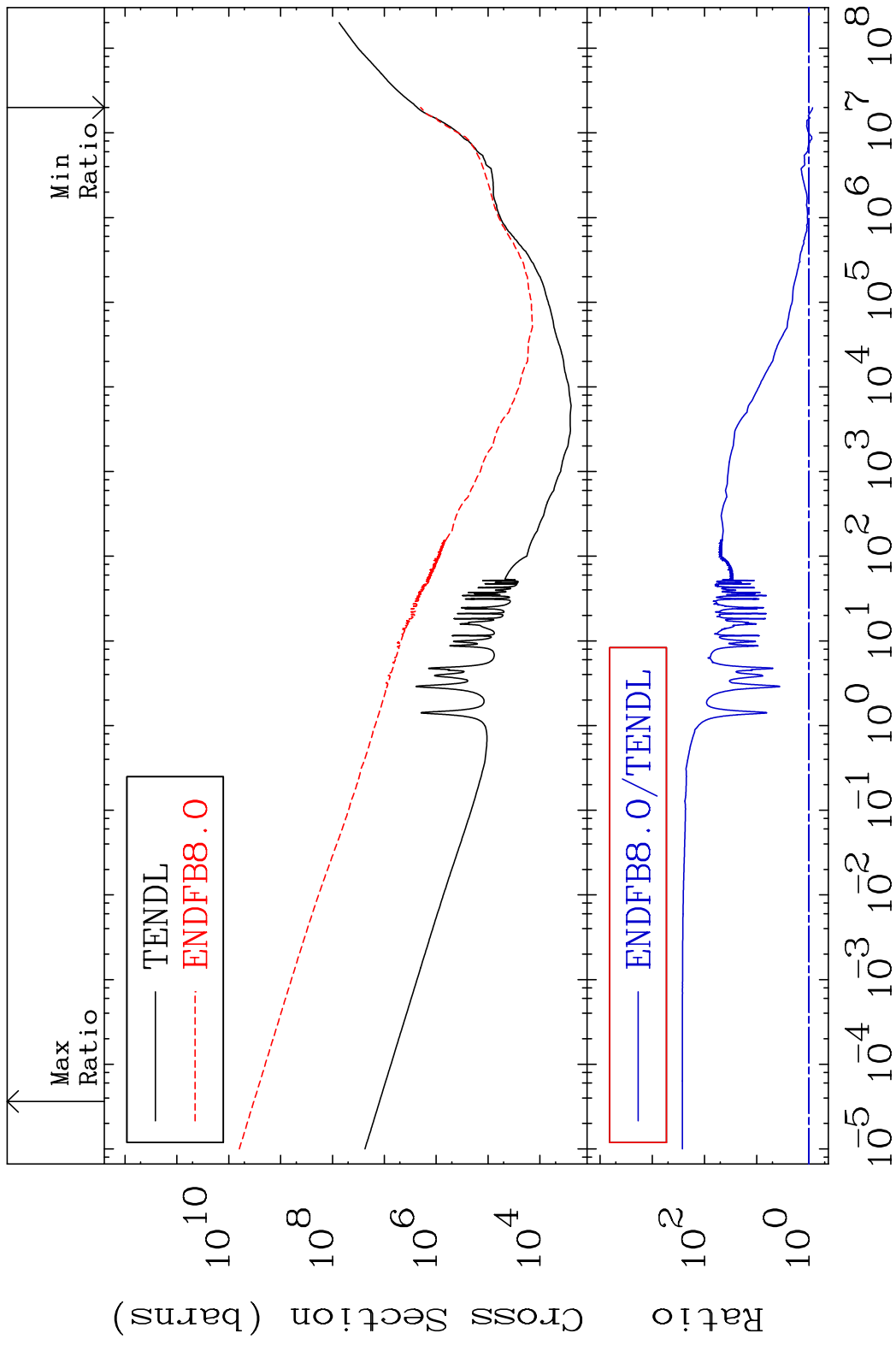


MAT 6146 Total photon (eV-barns) 61-Pm-146
 Cross Section -99.64 To 9999. %

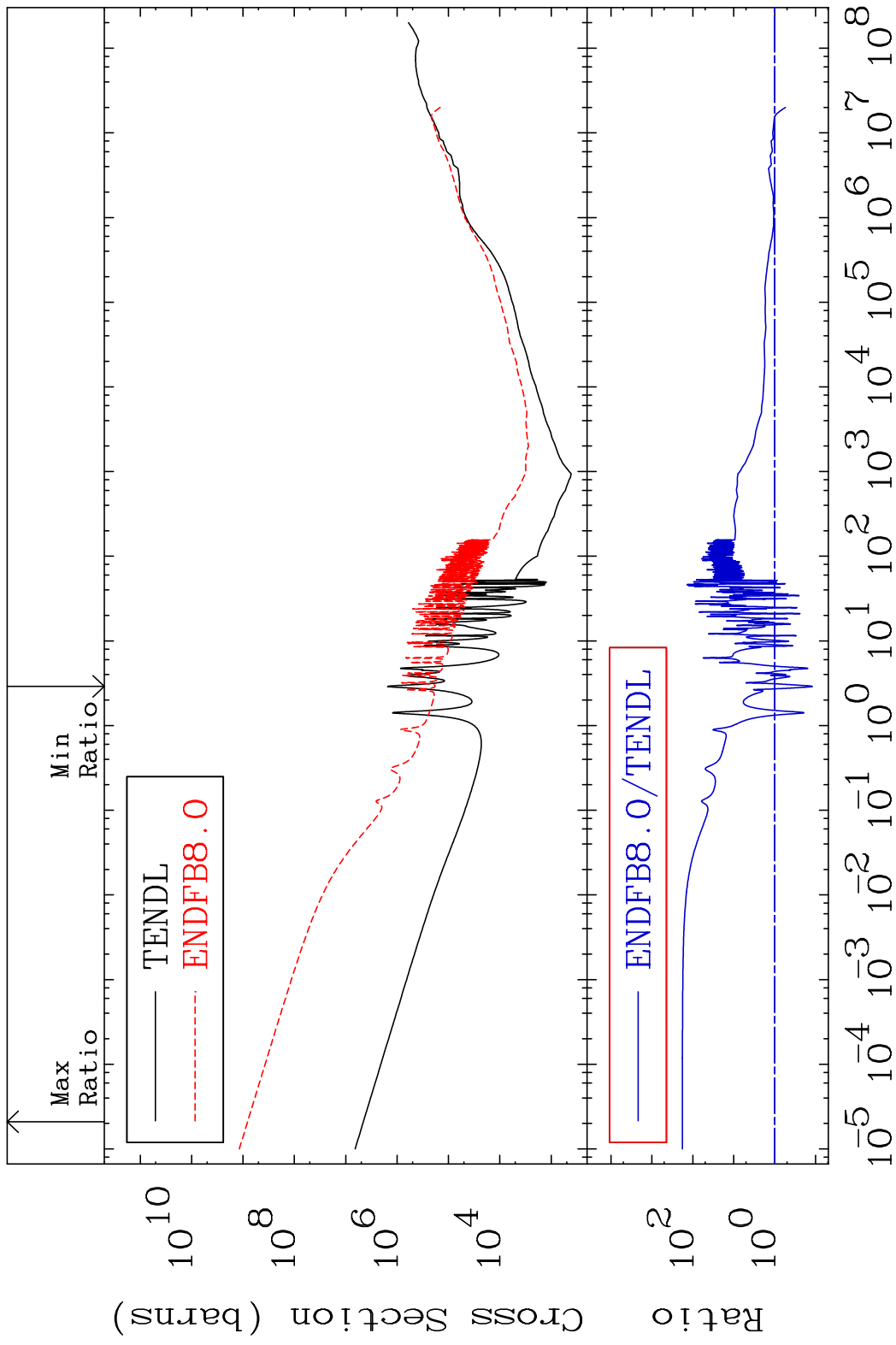


50 Incident Energy (eV) 61-Pm-146

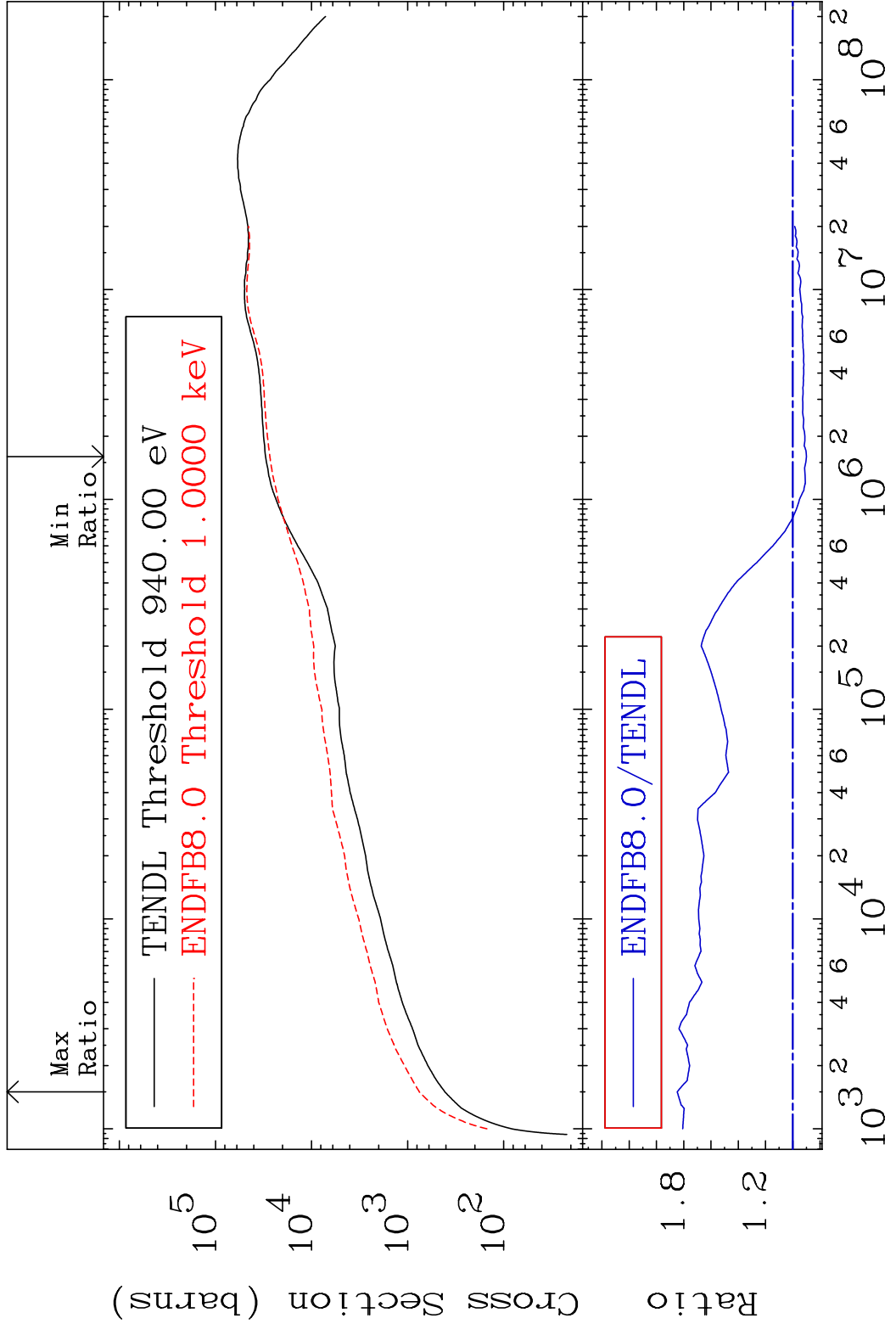
MAT 6146 Total kinematic kerma (high limit) 61-Pm-146
 Cross Section -14.72 To 9999. %



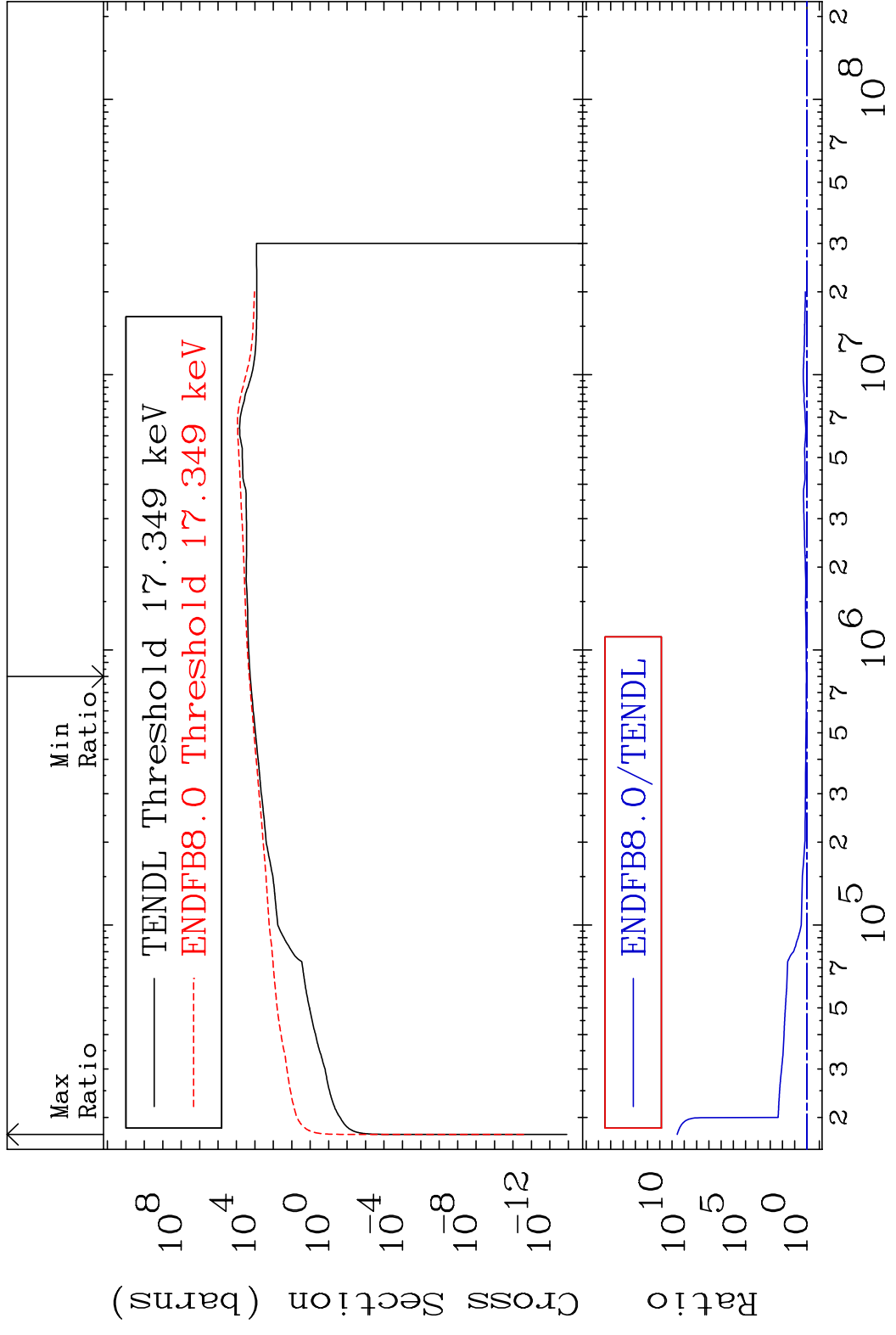
MAT 6146 Dpa total (eV-barns) 61-Pm-146
 Cross Section -88.14 To 9999. %



MAT 6146 Dpa elastic (mt2) 61-Pm-146
 Cross Section -10.00 To 84.79 %



MAT 6146 Dpa inelastic (mt51-91) 61-Pm-146
 Cross Section 11.73 To 9999. %



MAT 6146 Dpa disappearance (mt102 -120) 61-Pm-146
 Cross Section -88.14 To 9999. %

