

Program Complot
(Version 2021-1)

by

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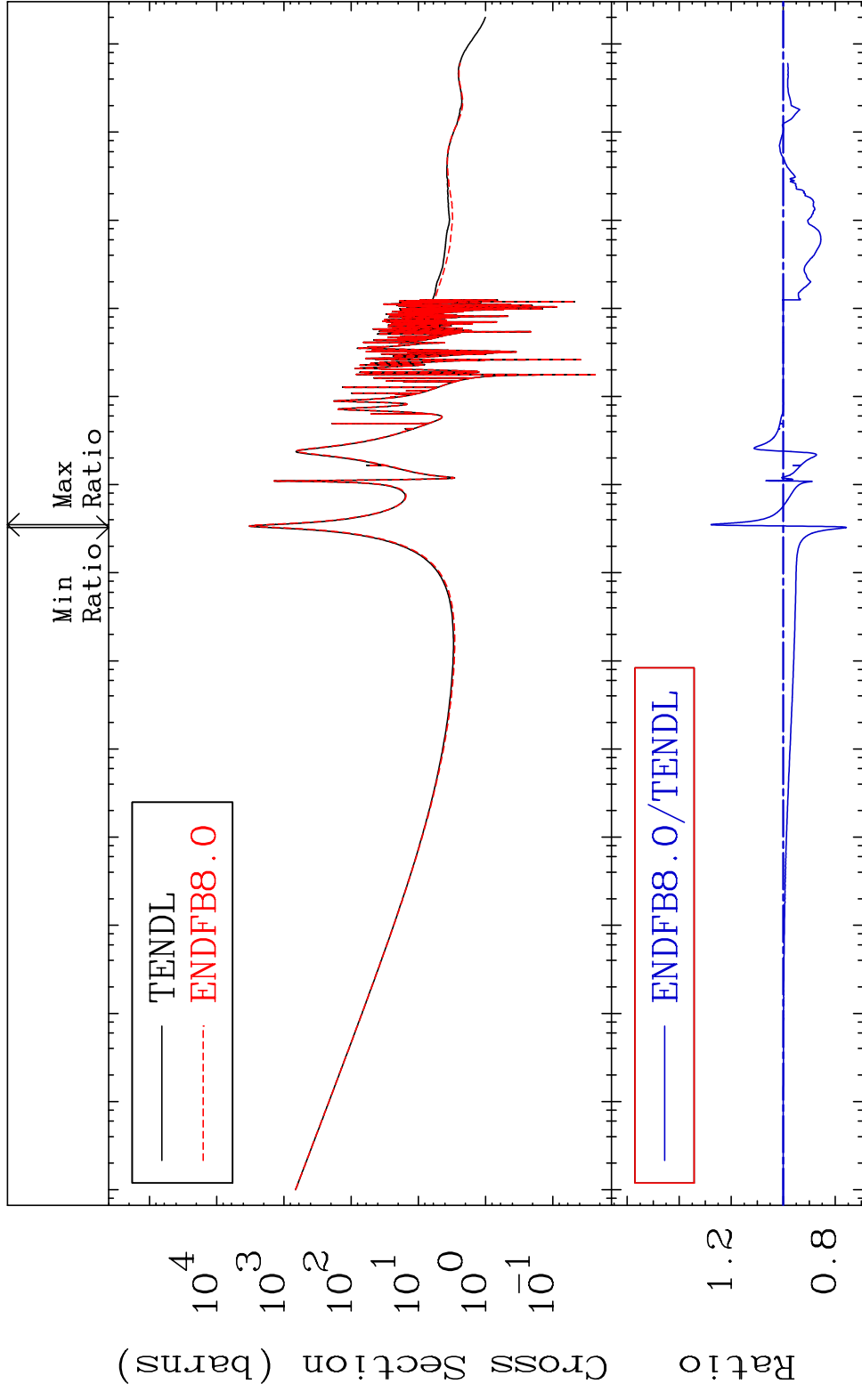
Press Mouse Button to Start

MAT 2525

Total

25-Mn-55

Cross Section -24.26 To 27.89 %



1

Incident Energy (eV)

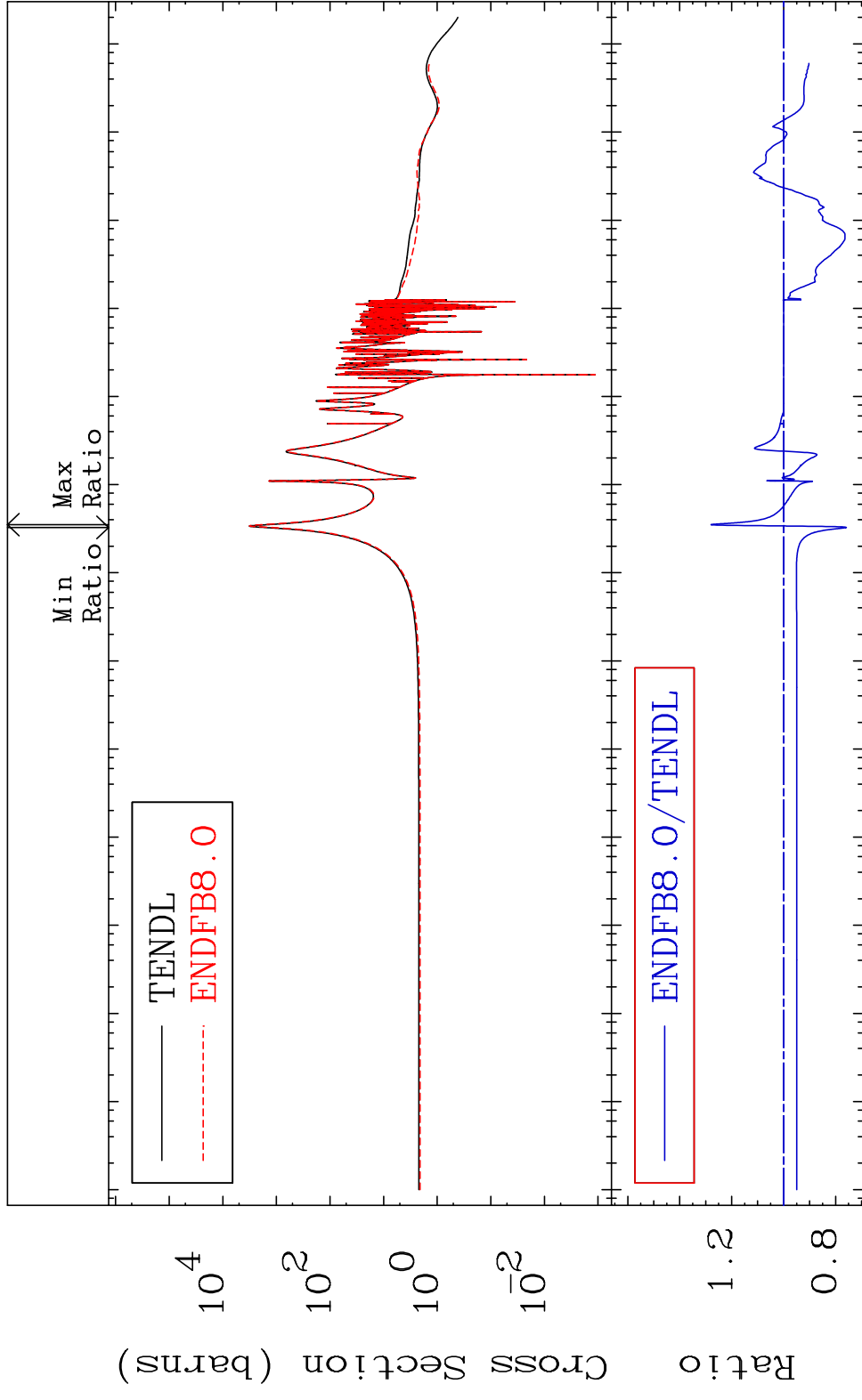
25-Mn-55

MAT 2525

Elastic

25-Mn-55

Cross Section -24.14 To 28.07 %

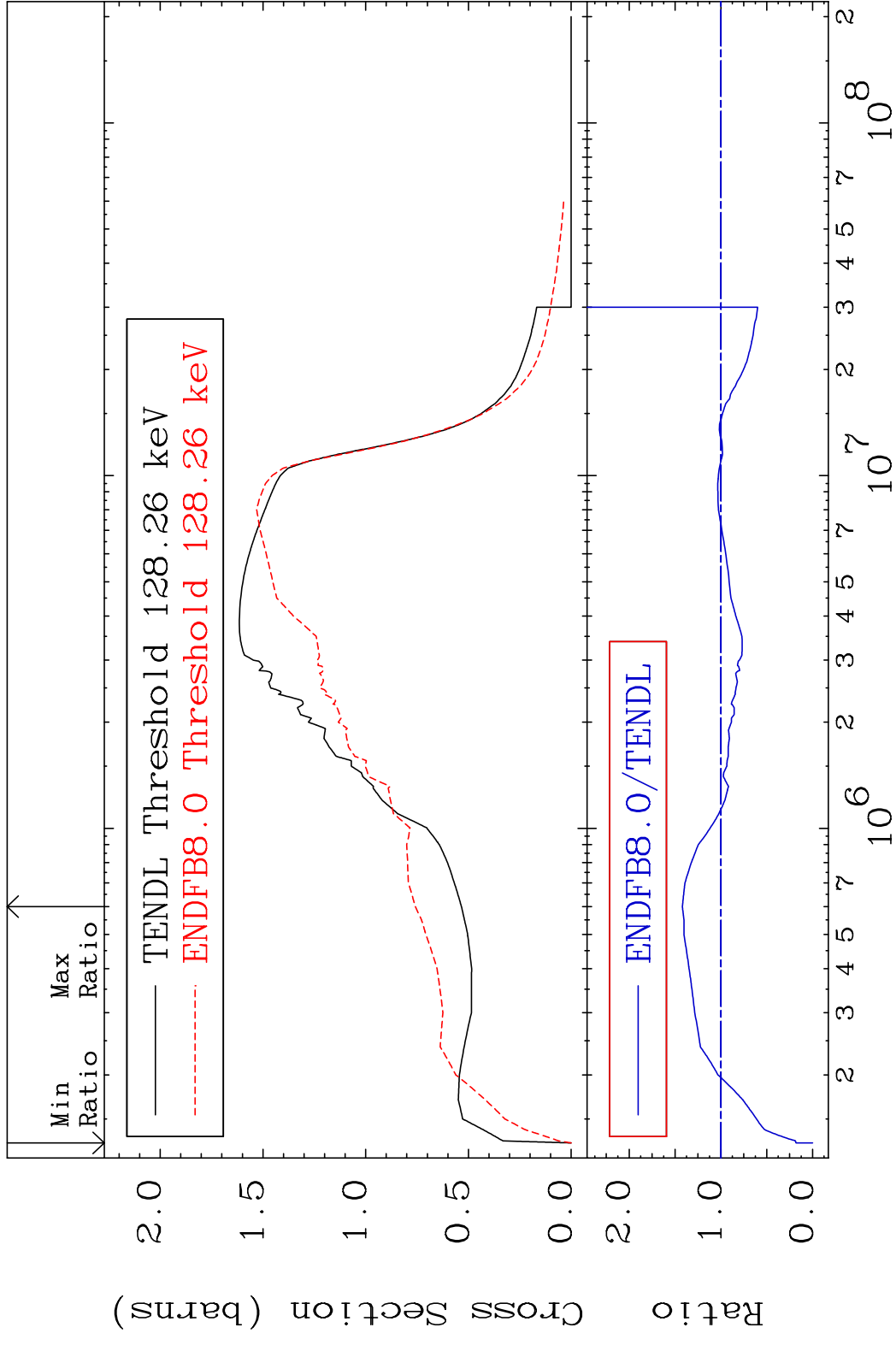


2

Incident Energy (eV)

25-Mn-55

MAT 2525 Inelastic 25-Mn-55
Cross Section -100.0 To 42.05 %

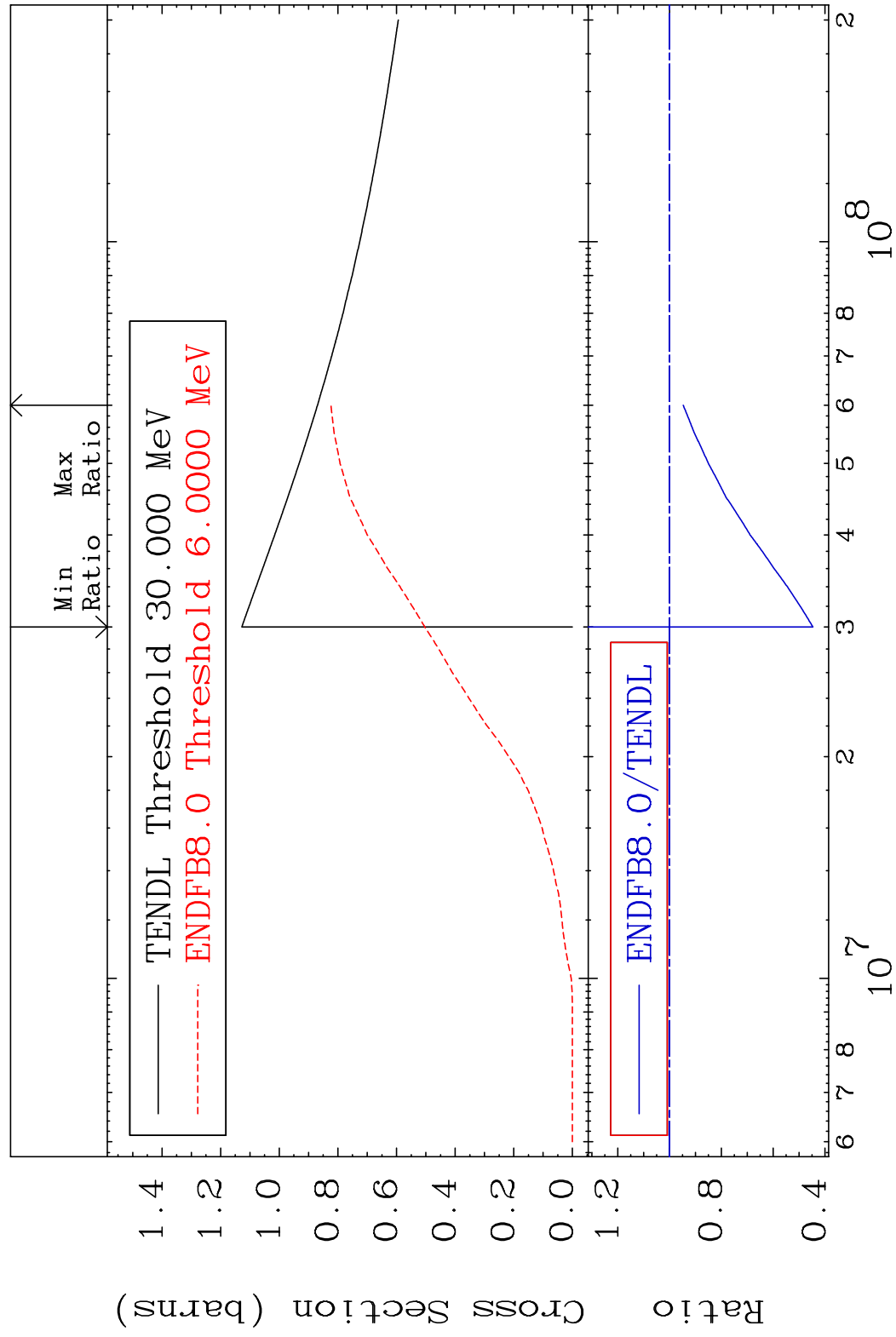


MAT 2525

(n, remainder)

25-Mn-55

Cross Section -55.33 To -5.249%

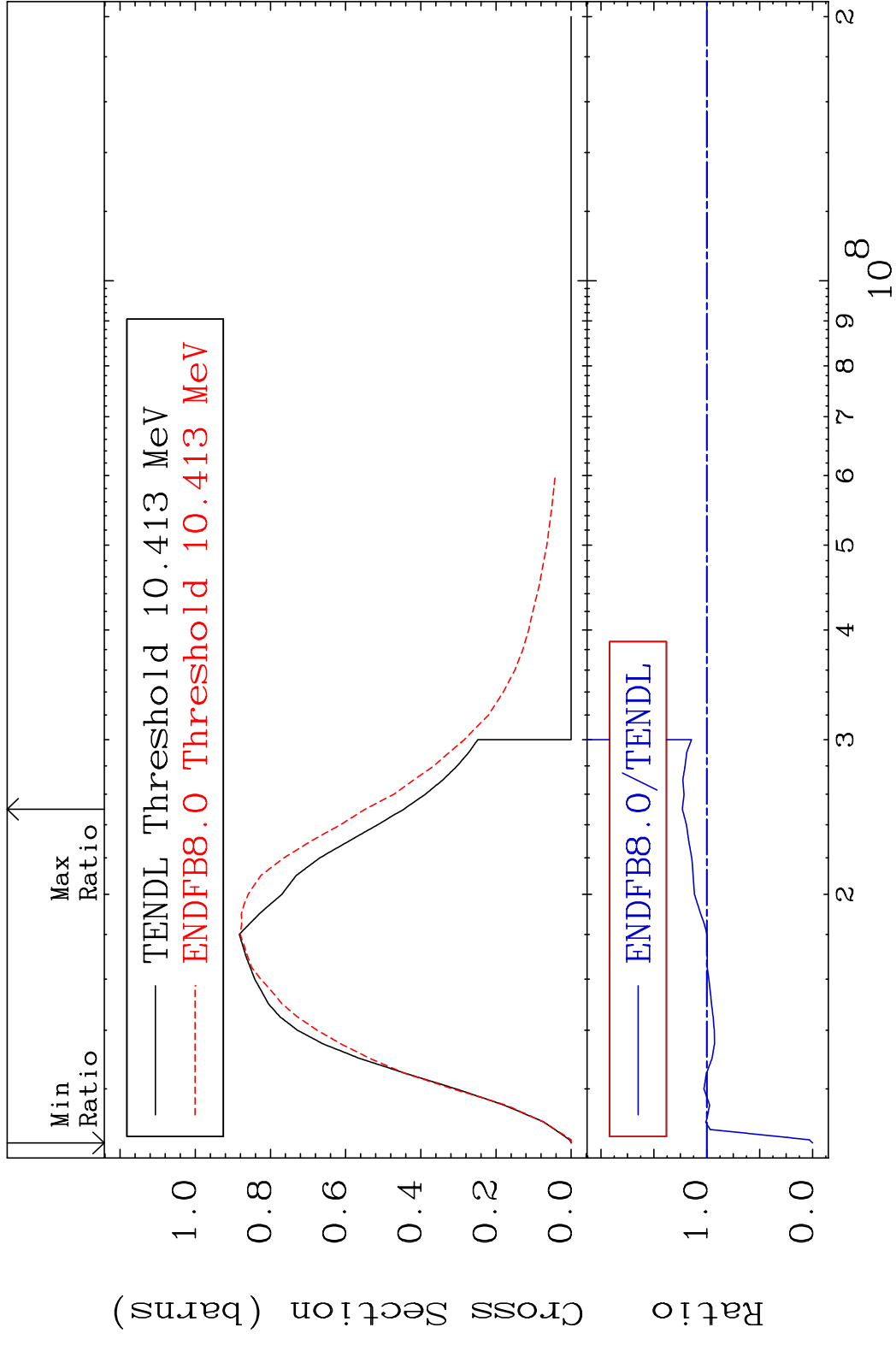


4

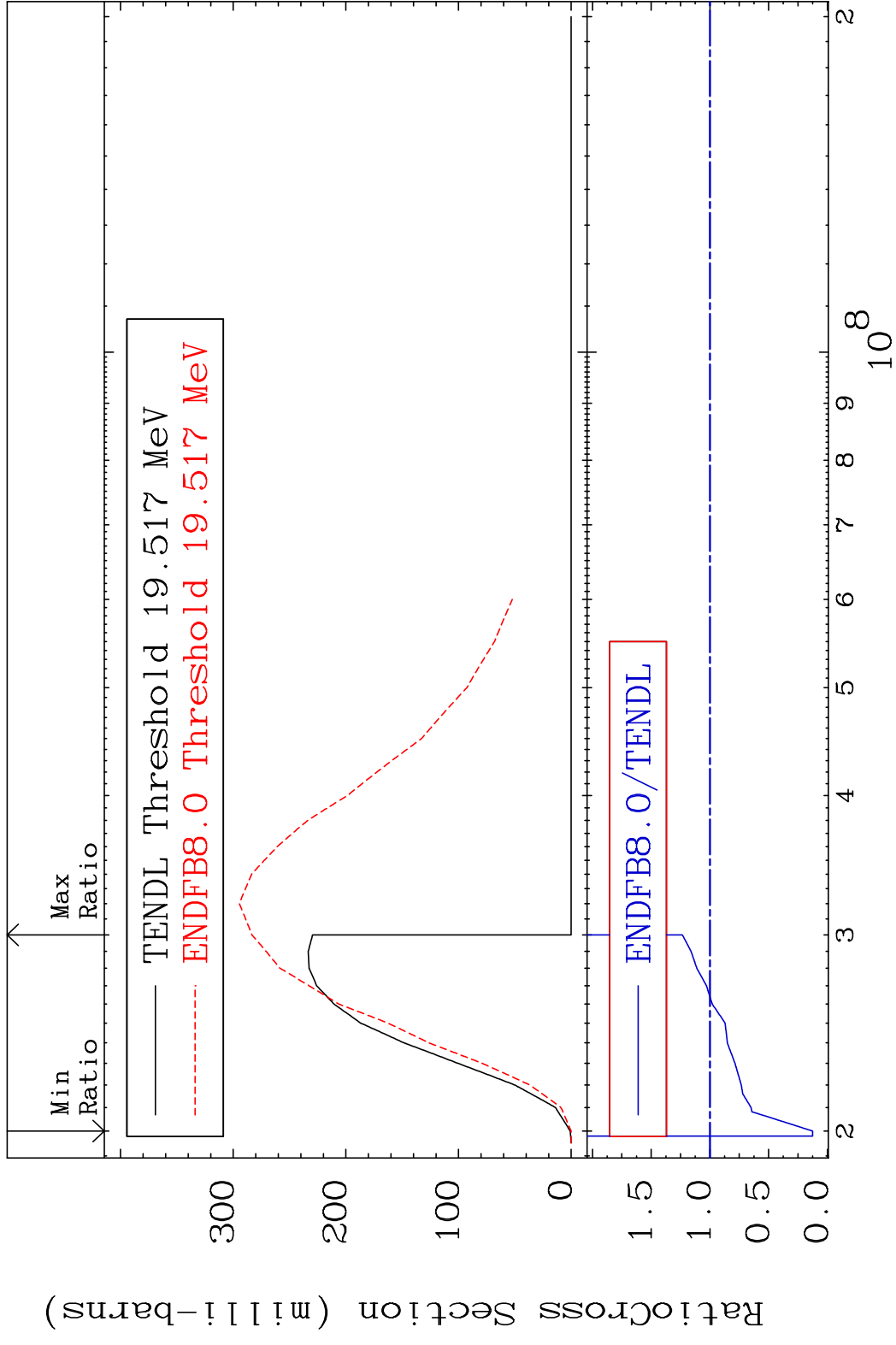
Incident Energy (eV)

25-Mn-55

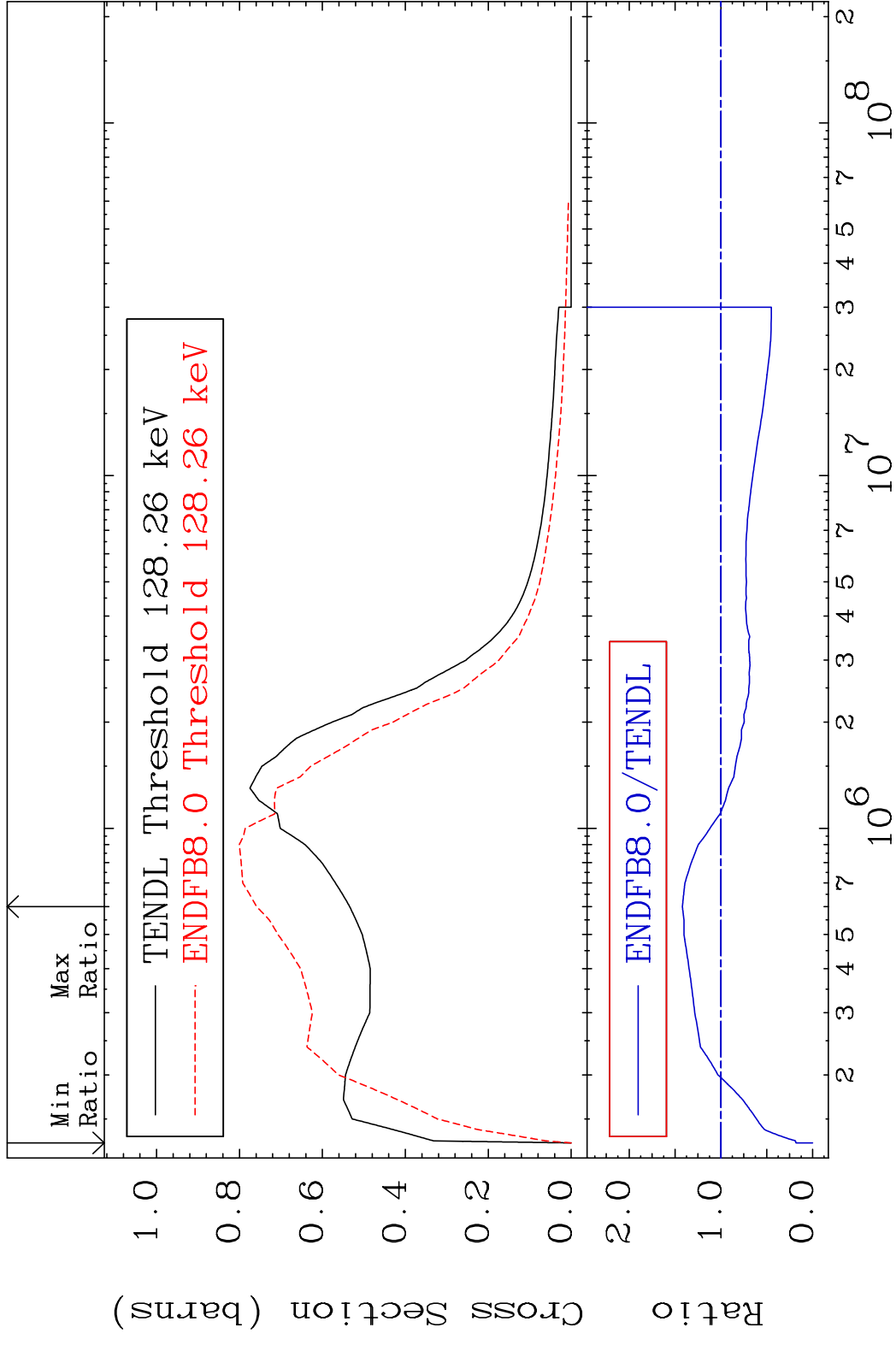
MAT 2525 (n,2n) 25-Mn-55
 Cross Section -100.0 To 23.09 %



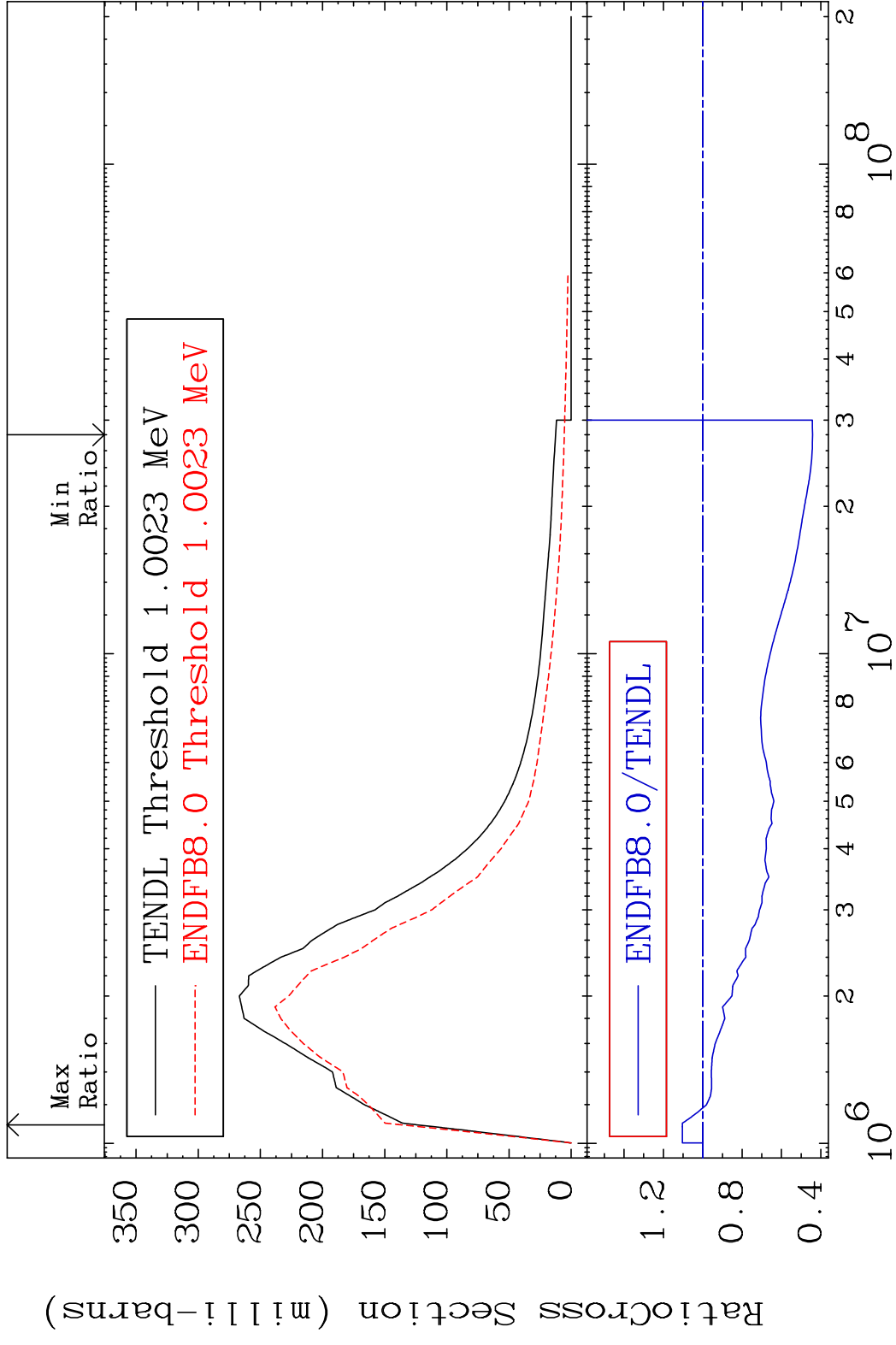
MAT 2525 (n,3n) 25-Mn-55
 Cross Section -87.43 To 23.45 %



MAT 2525 MT= 51 (n,n') Level 25-Mn-55
 Cross Section -100.0 To 42.05 %

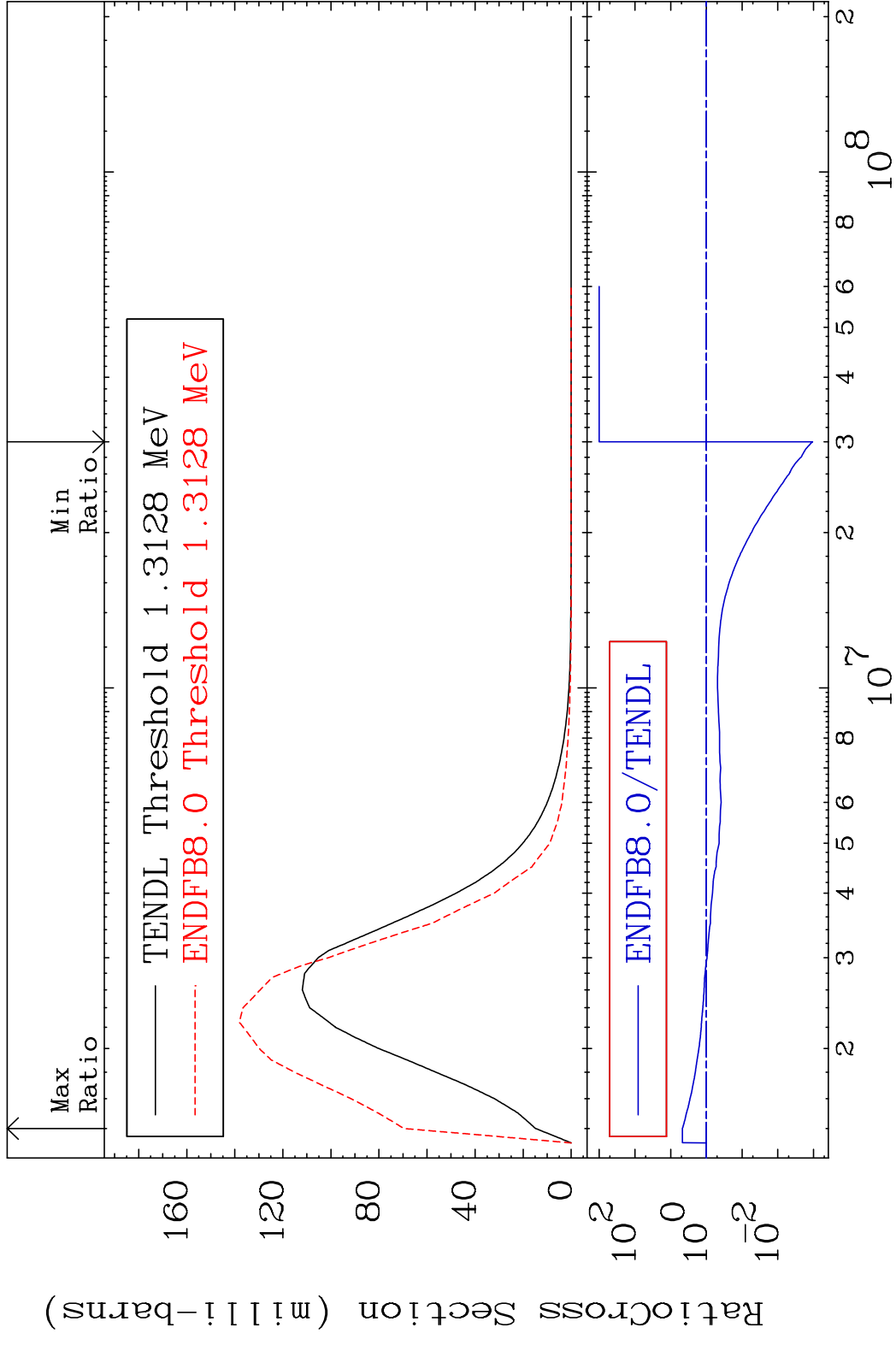


MAT 2525 MT= 52 (n, n') Level 25-Mn-55
 Cross Section -55.80 To 10.36 %

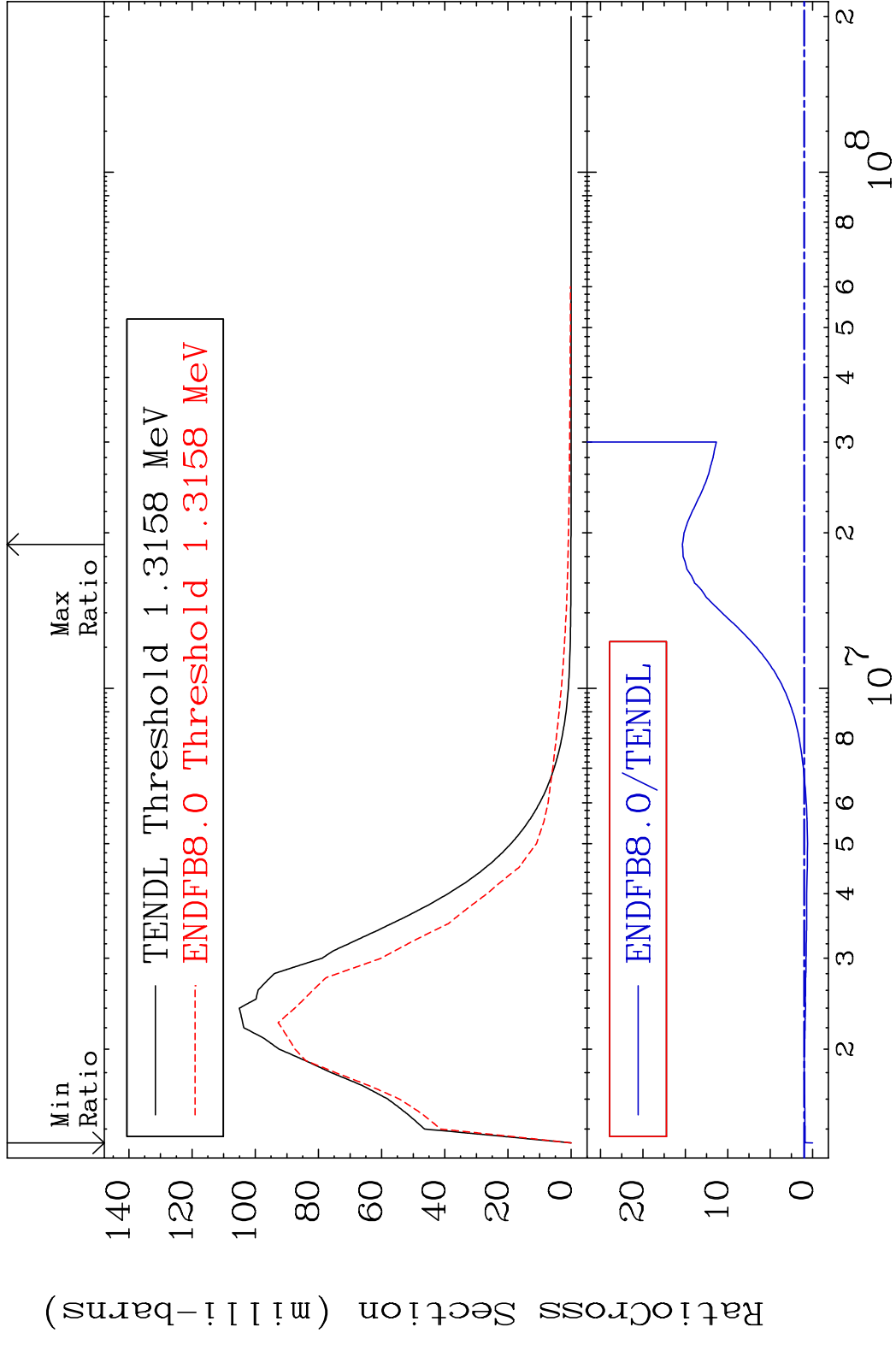


8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2

MAT 2525 MT= 53 (n, n') Level 25-Mn-55
 Cross Section -99.89 To 370.2 %

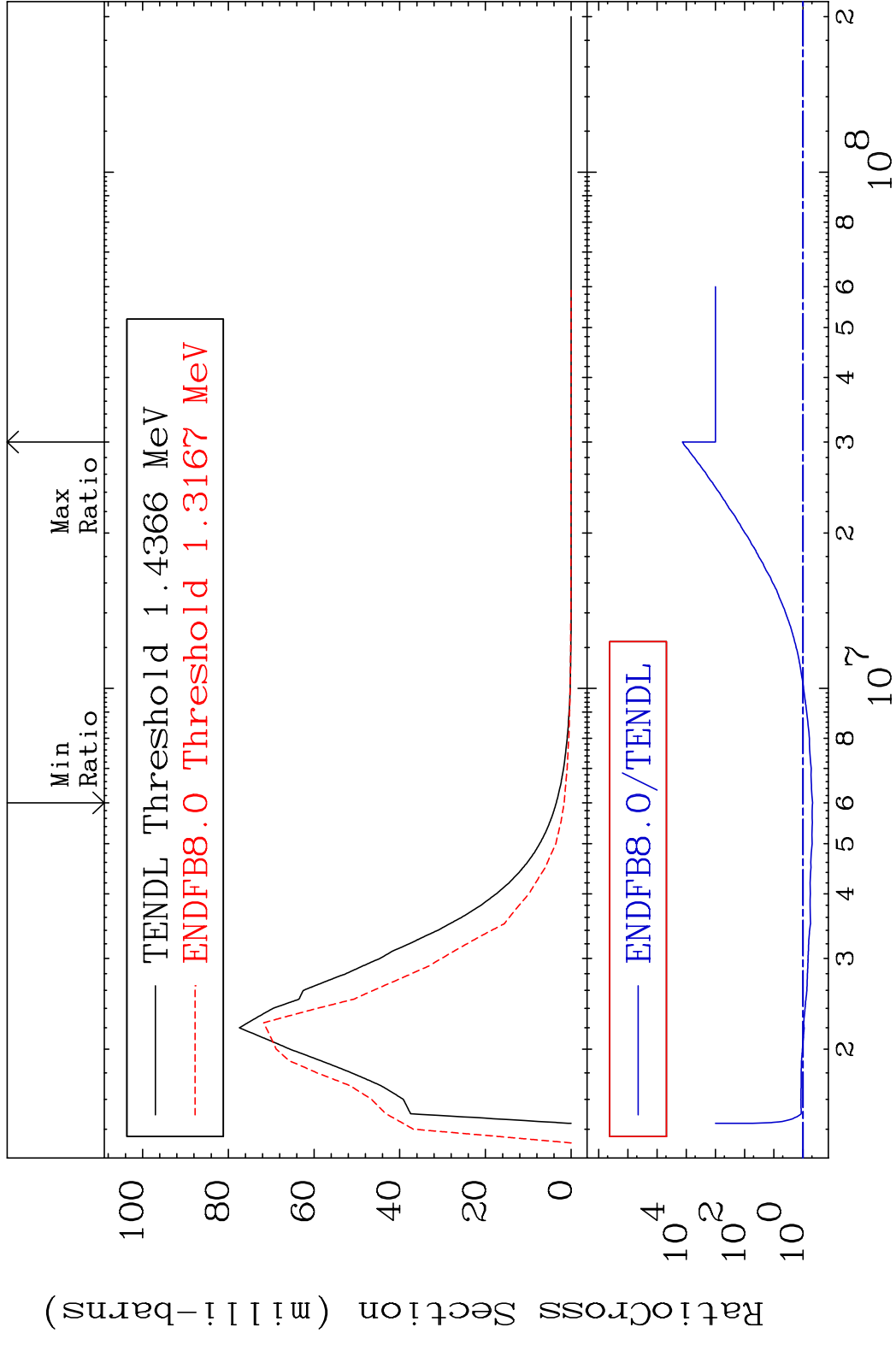


MAT 2525 MT= 54 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 1435. %

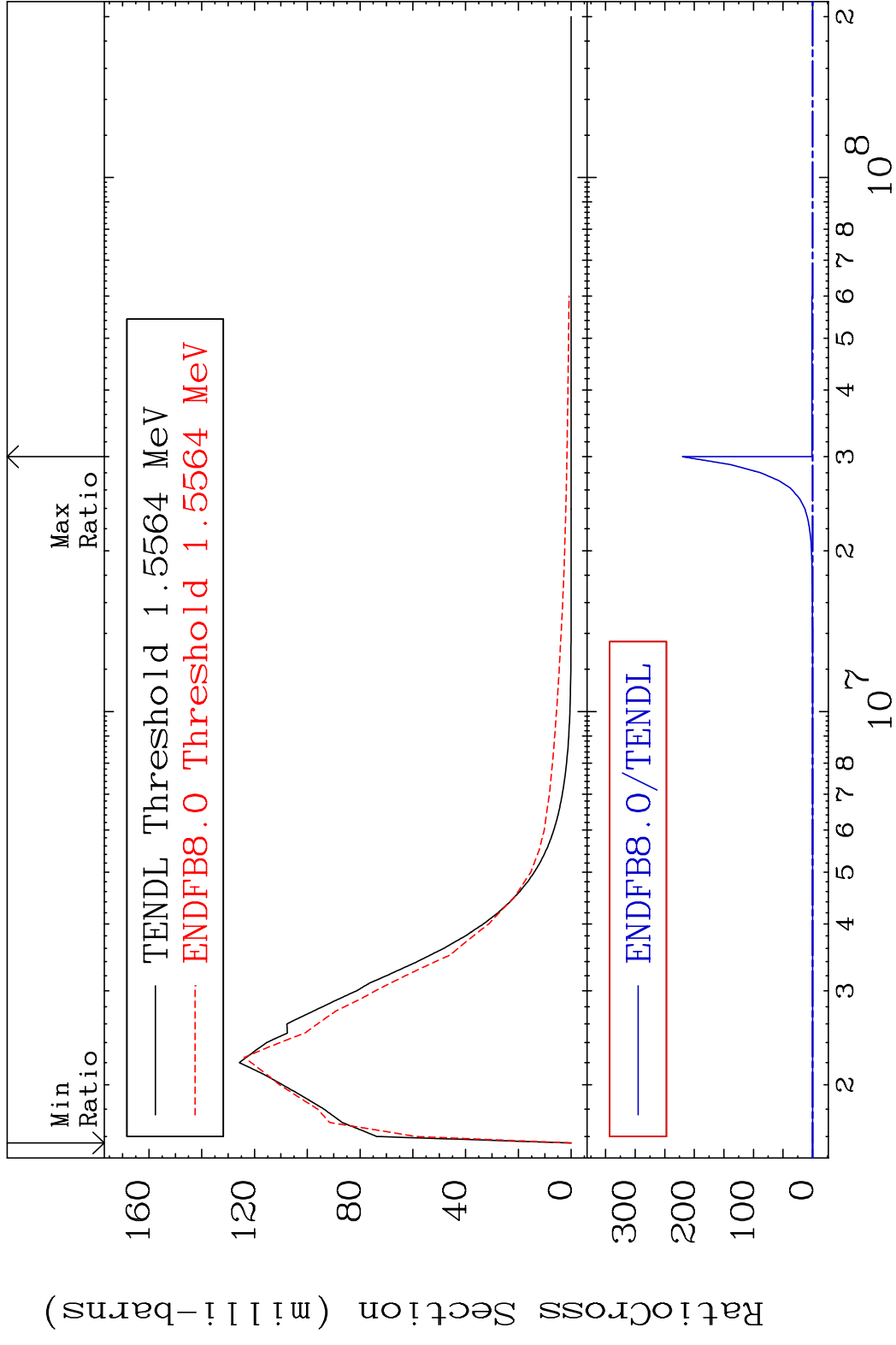


10 Incident Energy (eV) 25-Mn-55

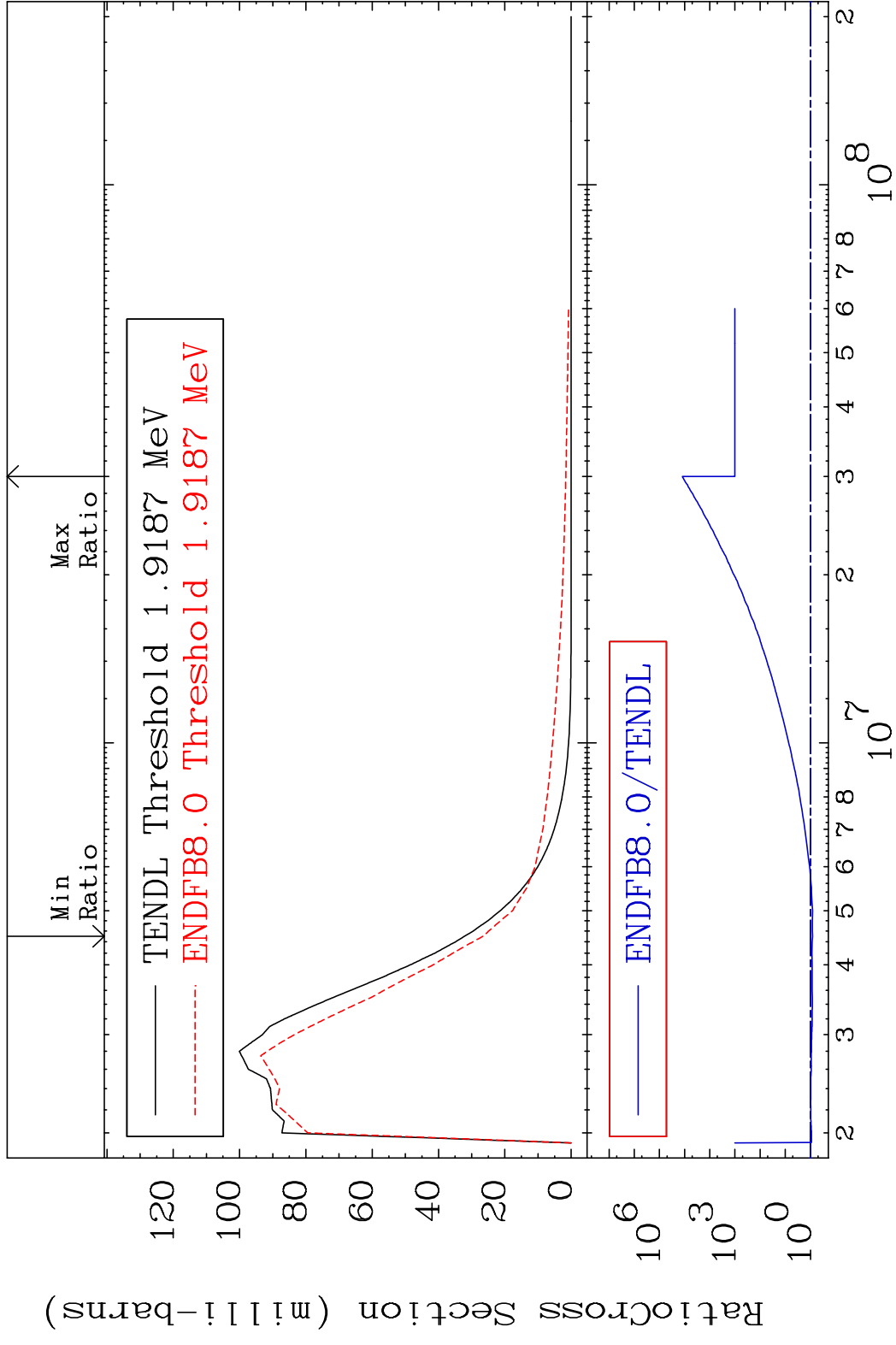
MAT 2525 MT= 55 (n, n') Level 25-Mn-55
 Cross Section -52.76 To 9999. %



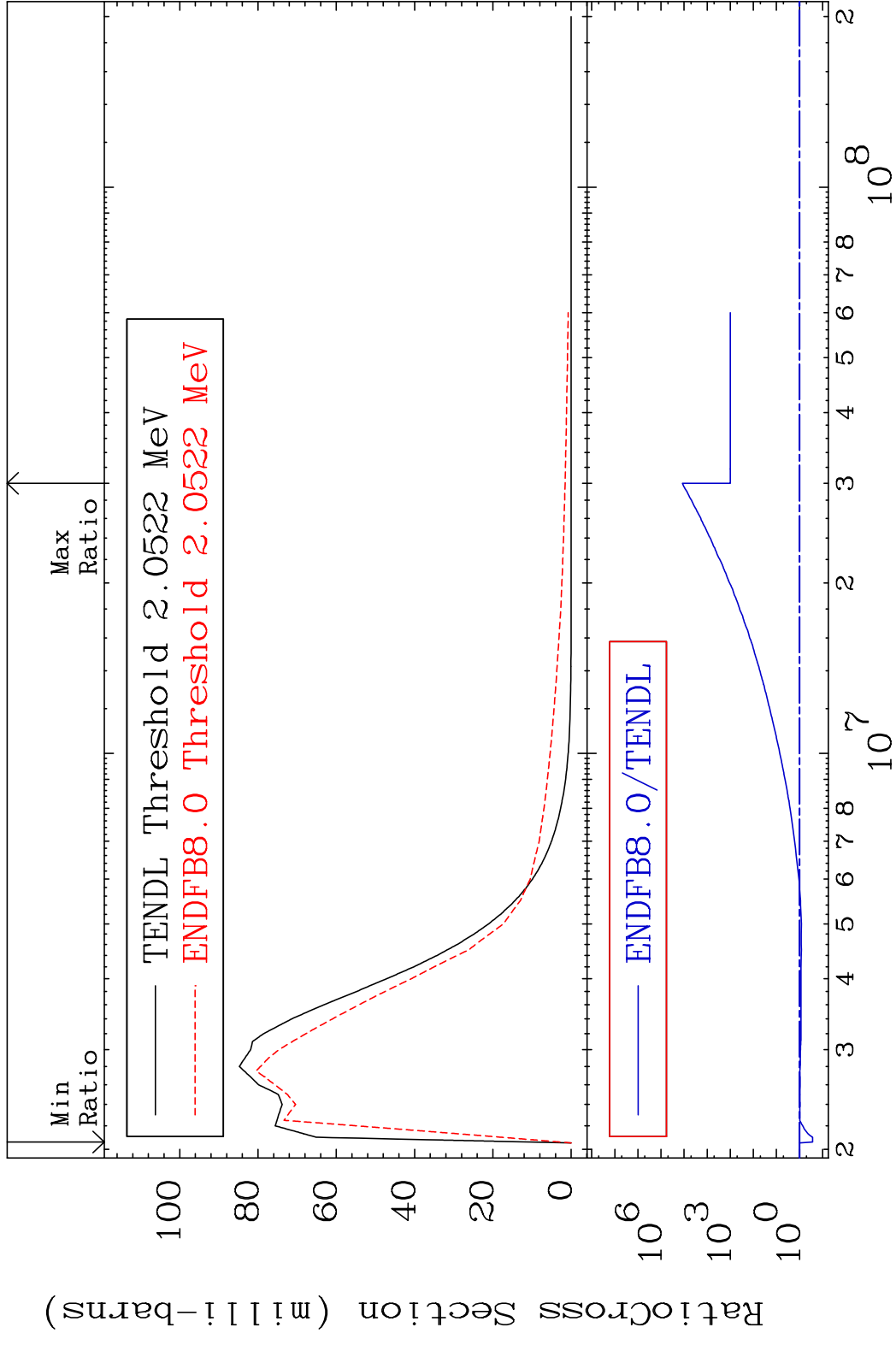
MAT 2525 MT= 56 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



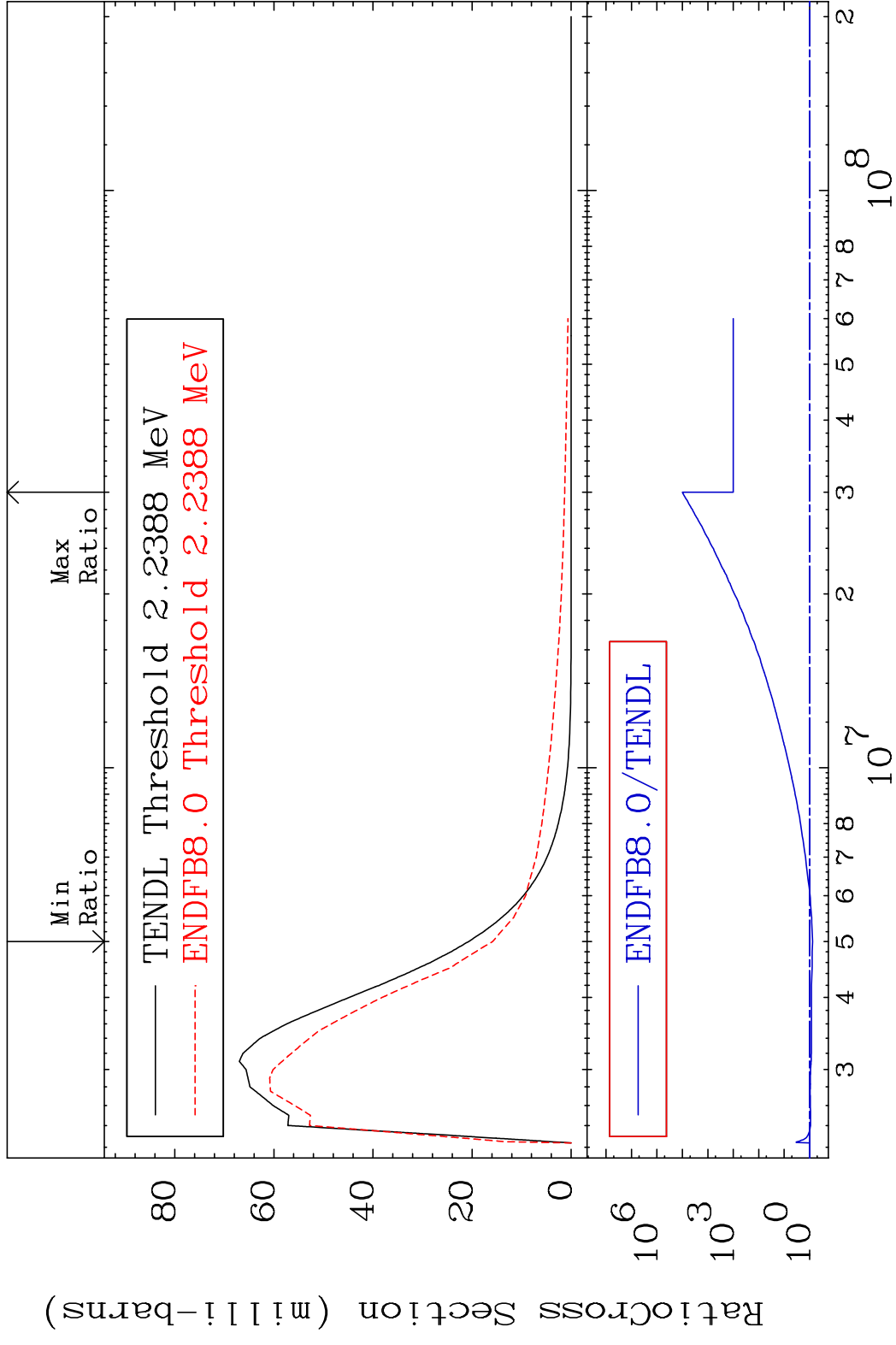
MAT 2525 MT= 57 (n, n') Level 25-Mn-55
 Cross Section -17.34 To 9999. %



MAT 2525 MT= 58 (n, n') Level 25-Mn-55
 Cross Section -72.78 To 9999. %

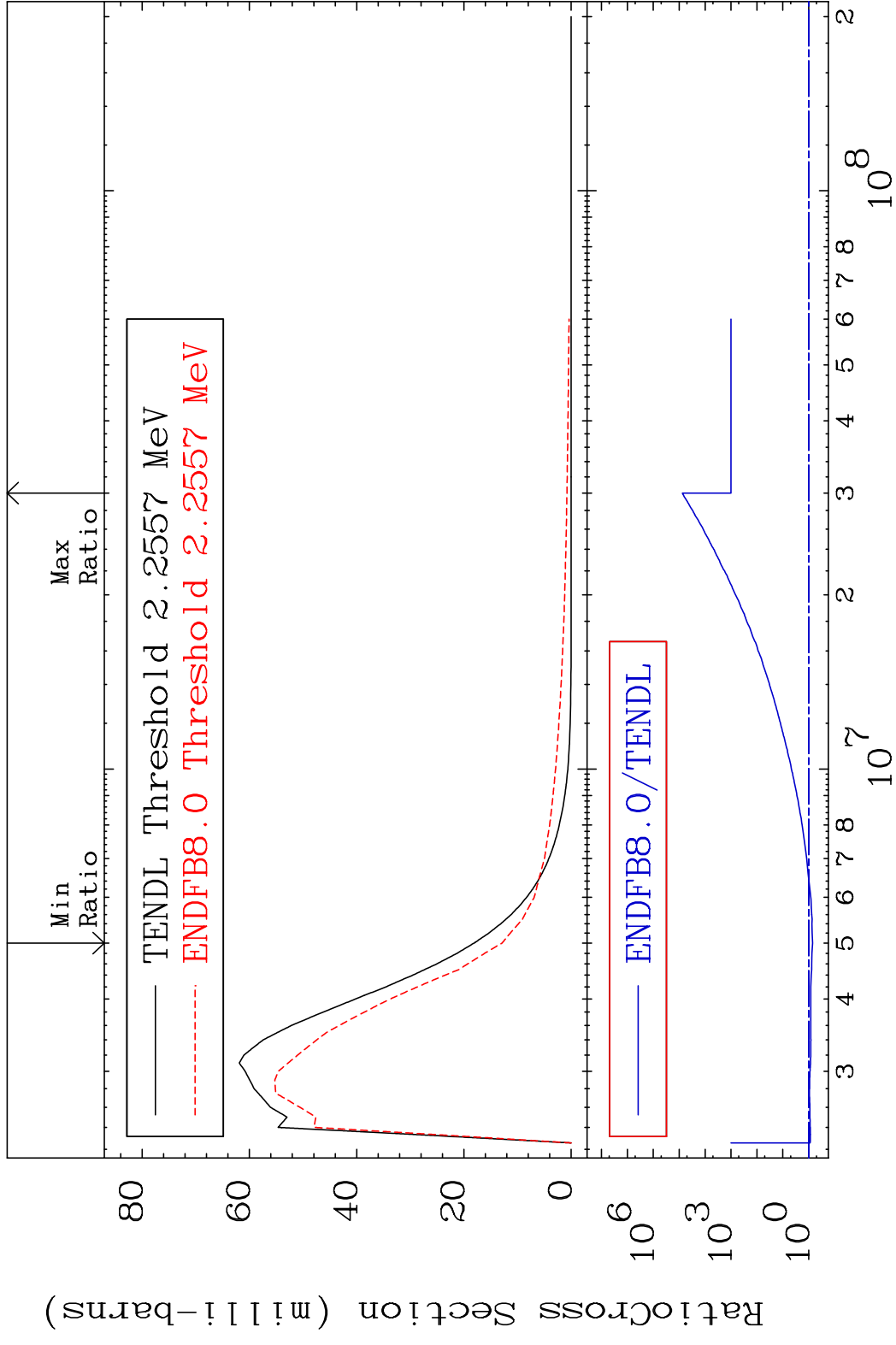


MAT 2525 MT= 59 (n, n') Level 25-Mn-55
 Cross Section -23.45 To 9999. %

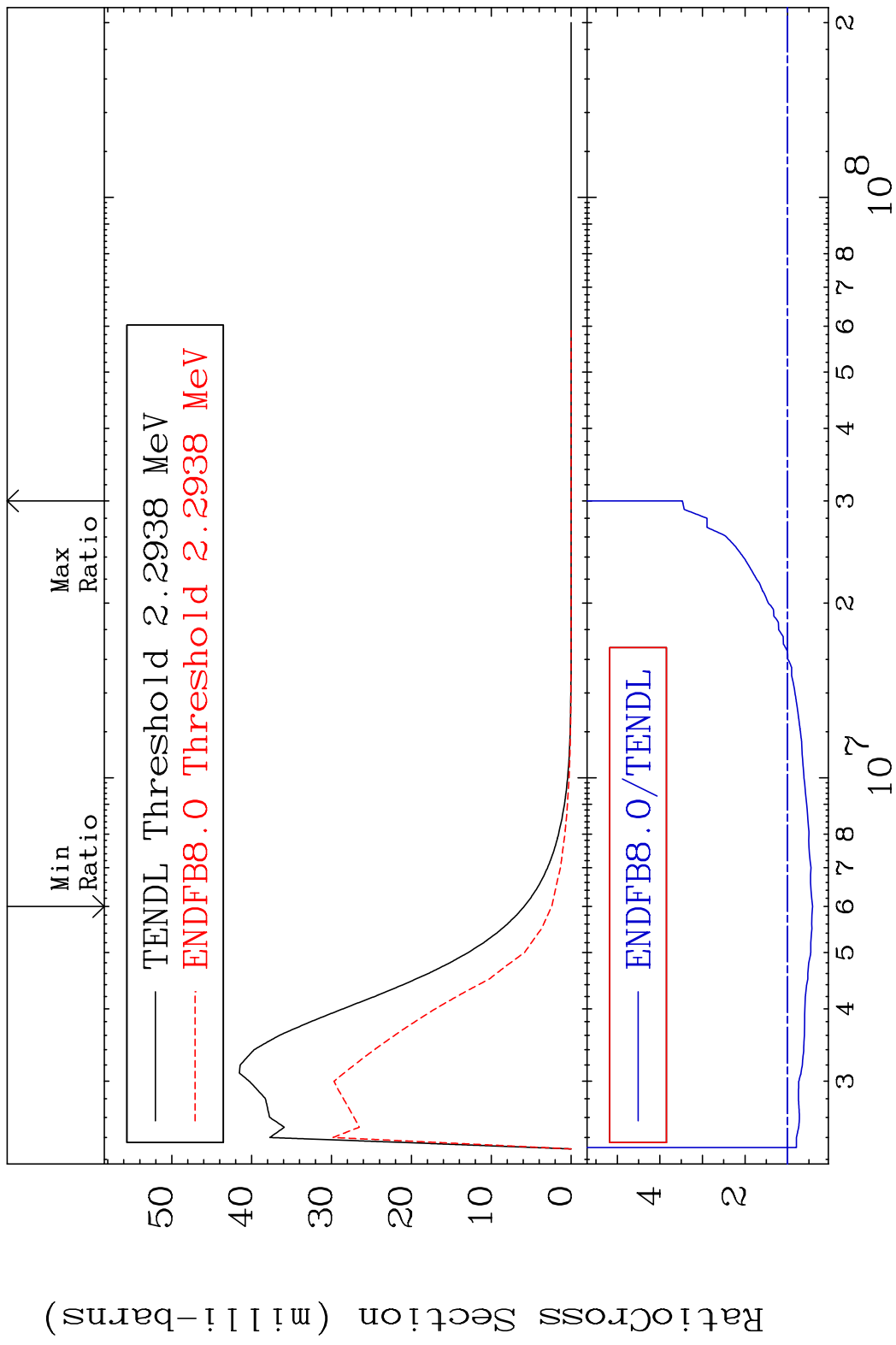


15 Incident Energy (eV) 25-Mn-55

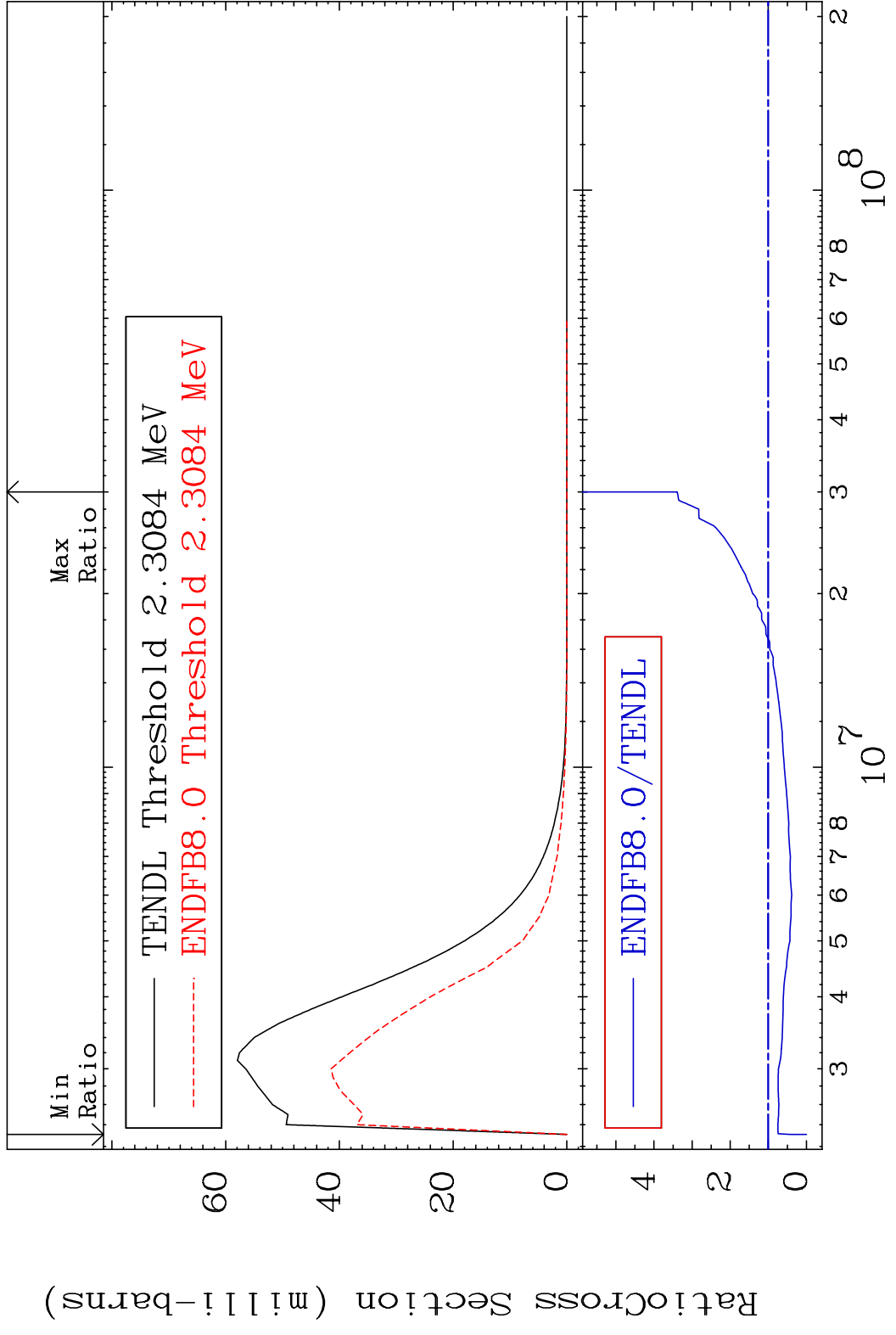
MAT 2525 MT= 60 (n, n') Level 25-Mn-55
 Cross Section -28.70 To 9999. %



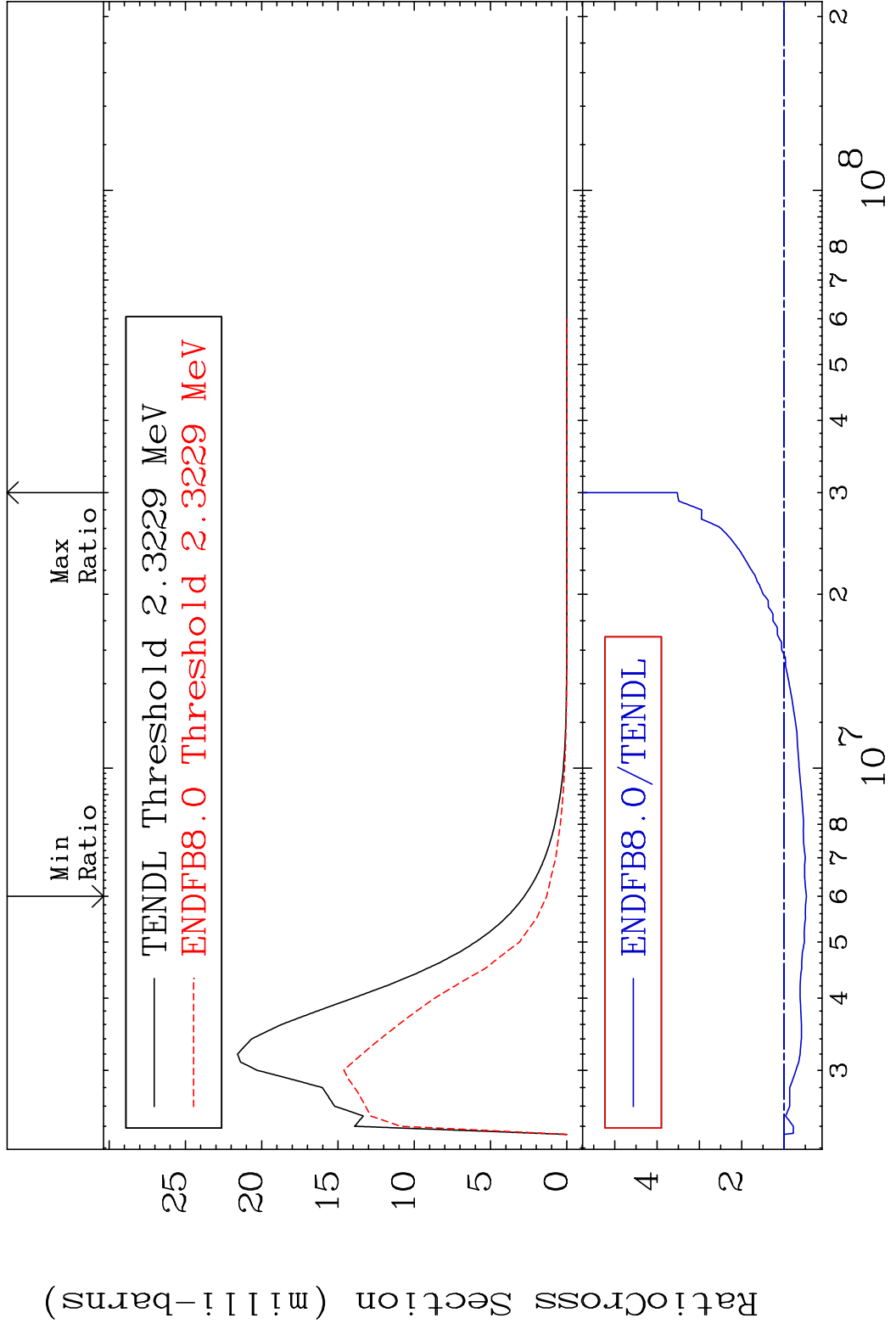
MAT 2525 MT= 61 (n, n') Level 25-Mn-55
 Cross Section -58.67 To 247.3 %



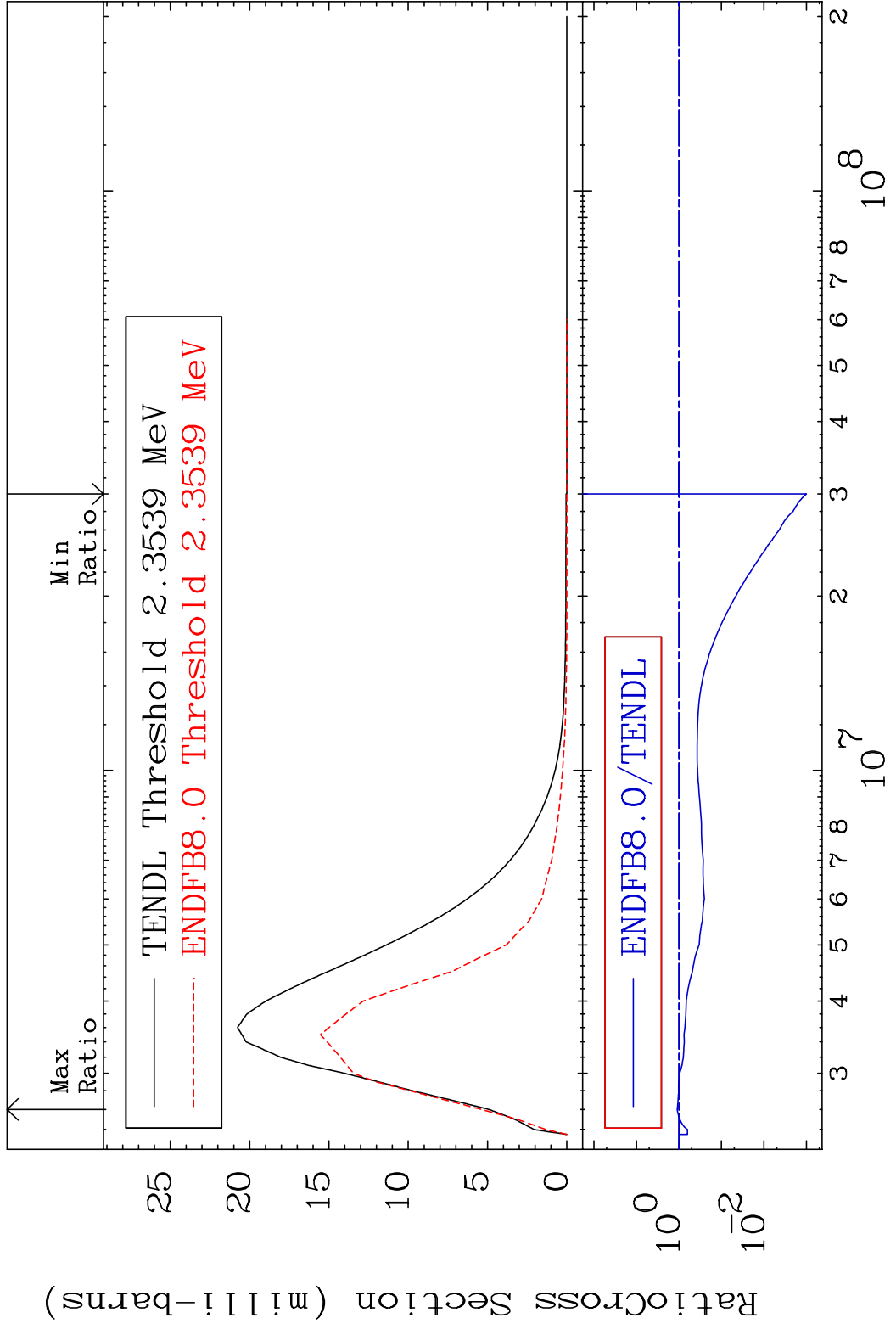
MAT 2525 MT= 62 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 239.2 %



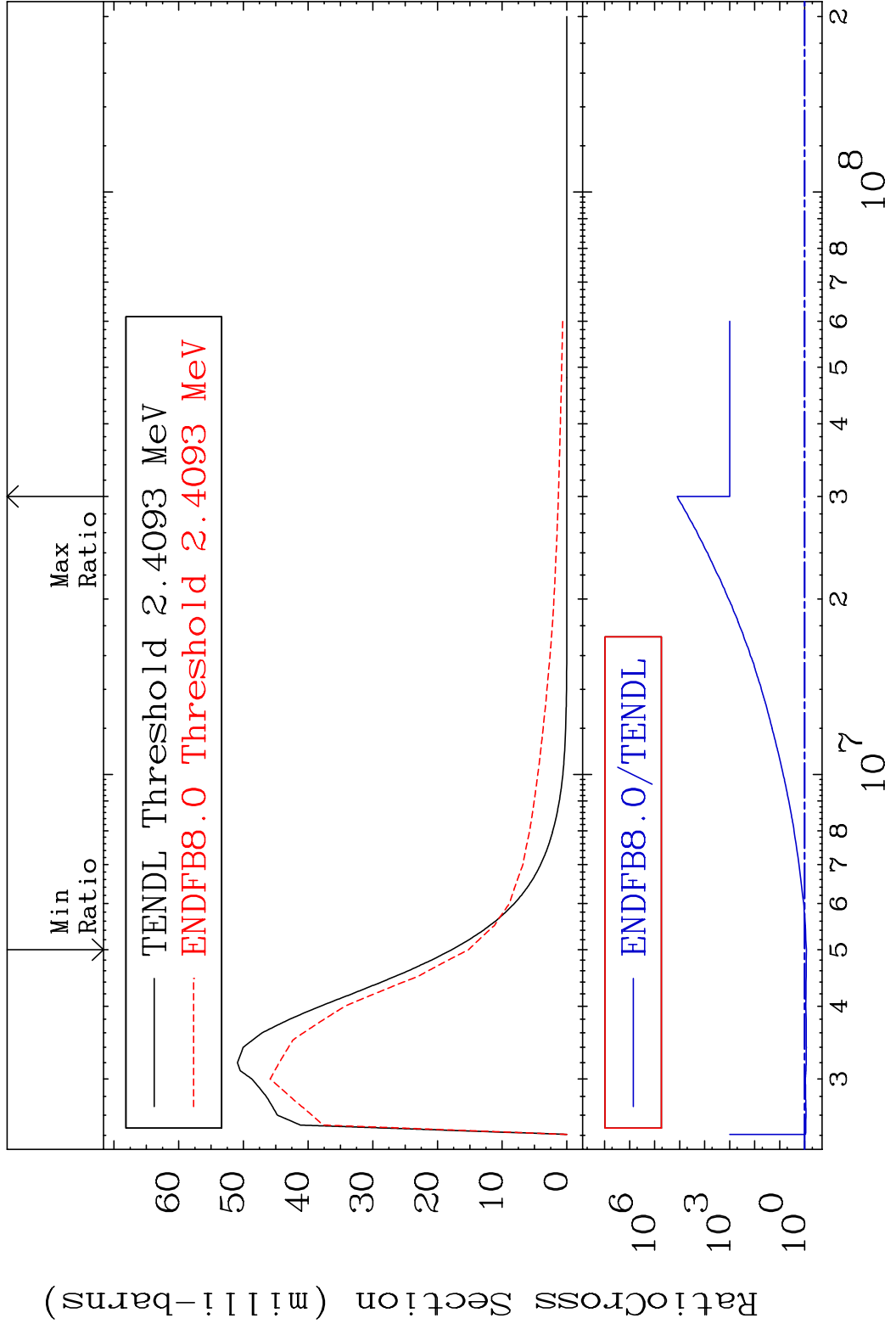
MAT 2525 MT= 63 (n, n') Level 25-Mn-55
 Cross Section -52.76 To 252.5 %



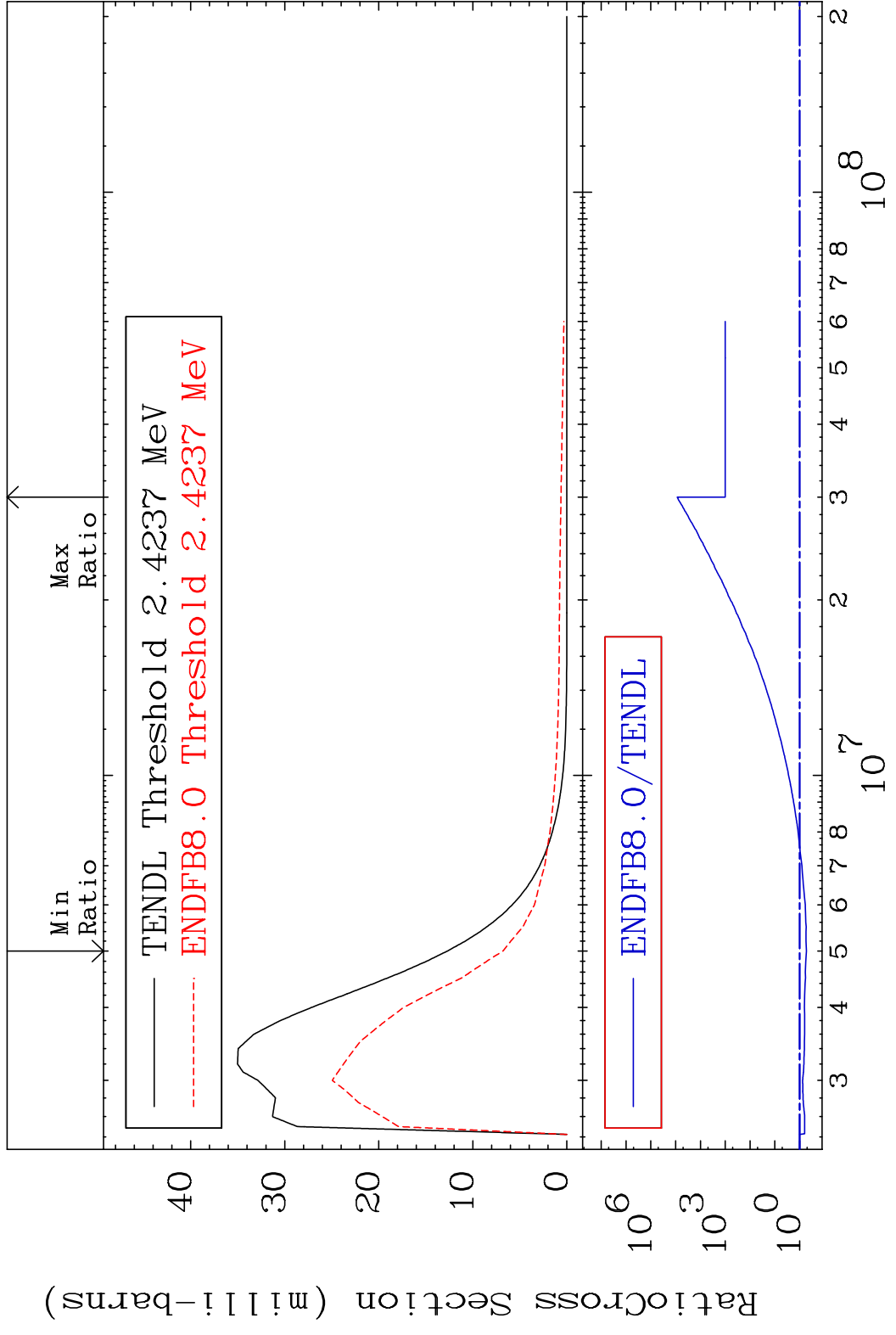
MAT 2525 MT= 64 (n, n') Level 25-Mn-55
 Cross Section -99.90 To 9.894 %



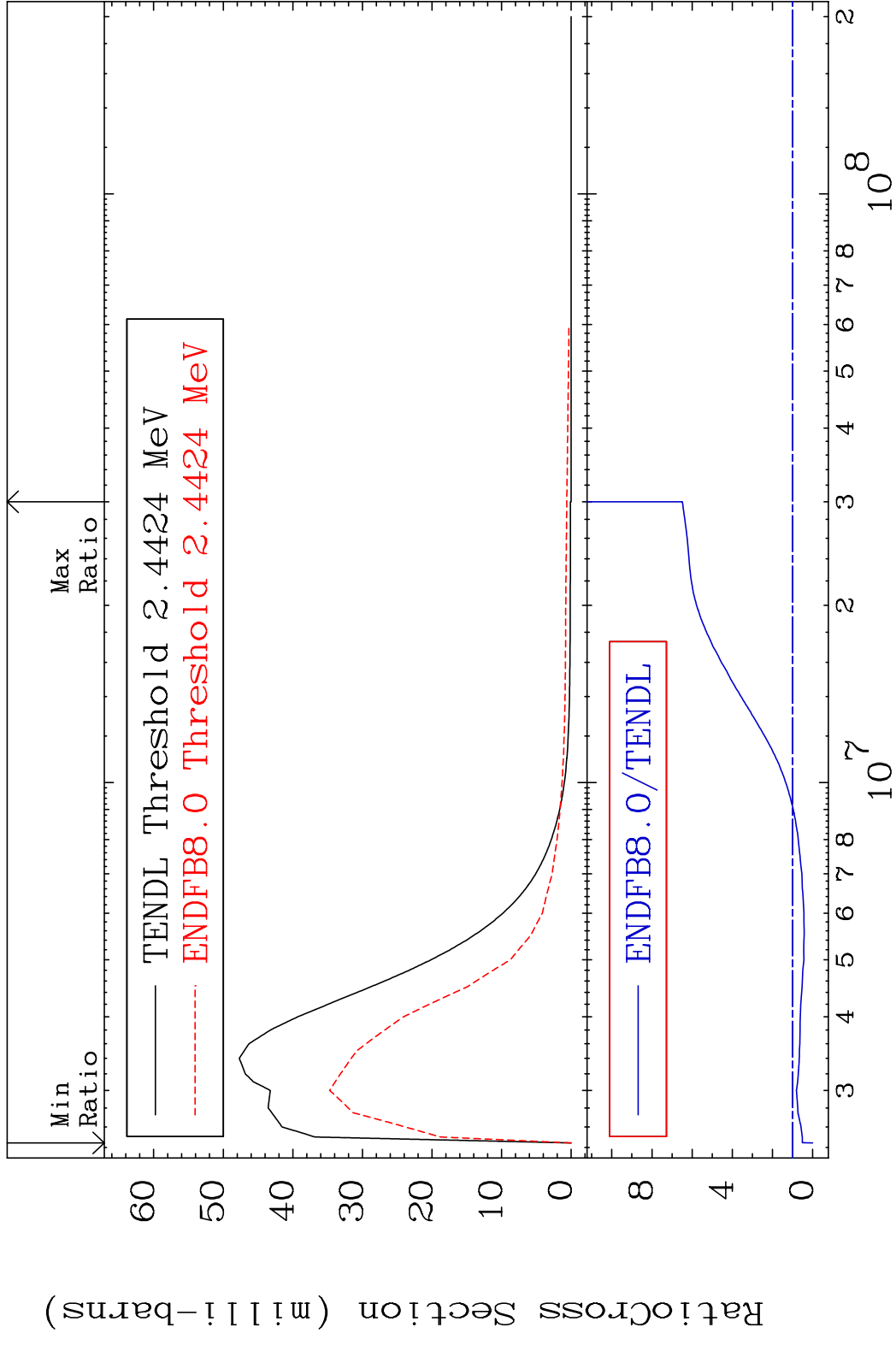
MAT 2525 MT= 65 (n, n') Level 25-Mn-55
 Cross Section -14.46 To 9999. %



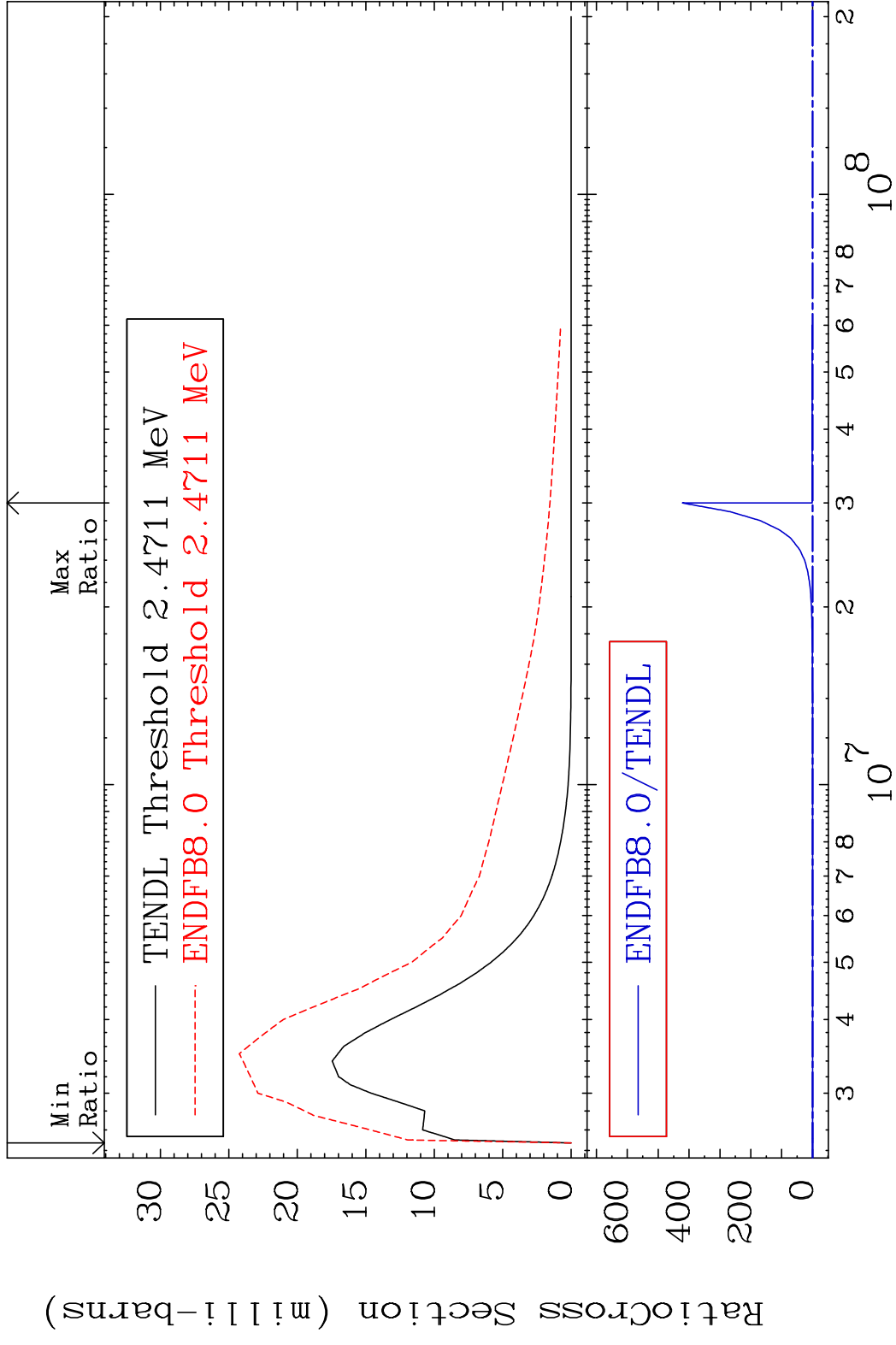
MAT 2525 MT= 66 (n, n') Level 25-Mn-55
 Cross Section -46.46 To 9999. %



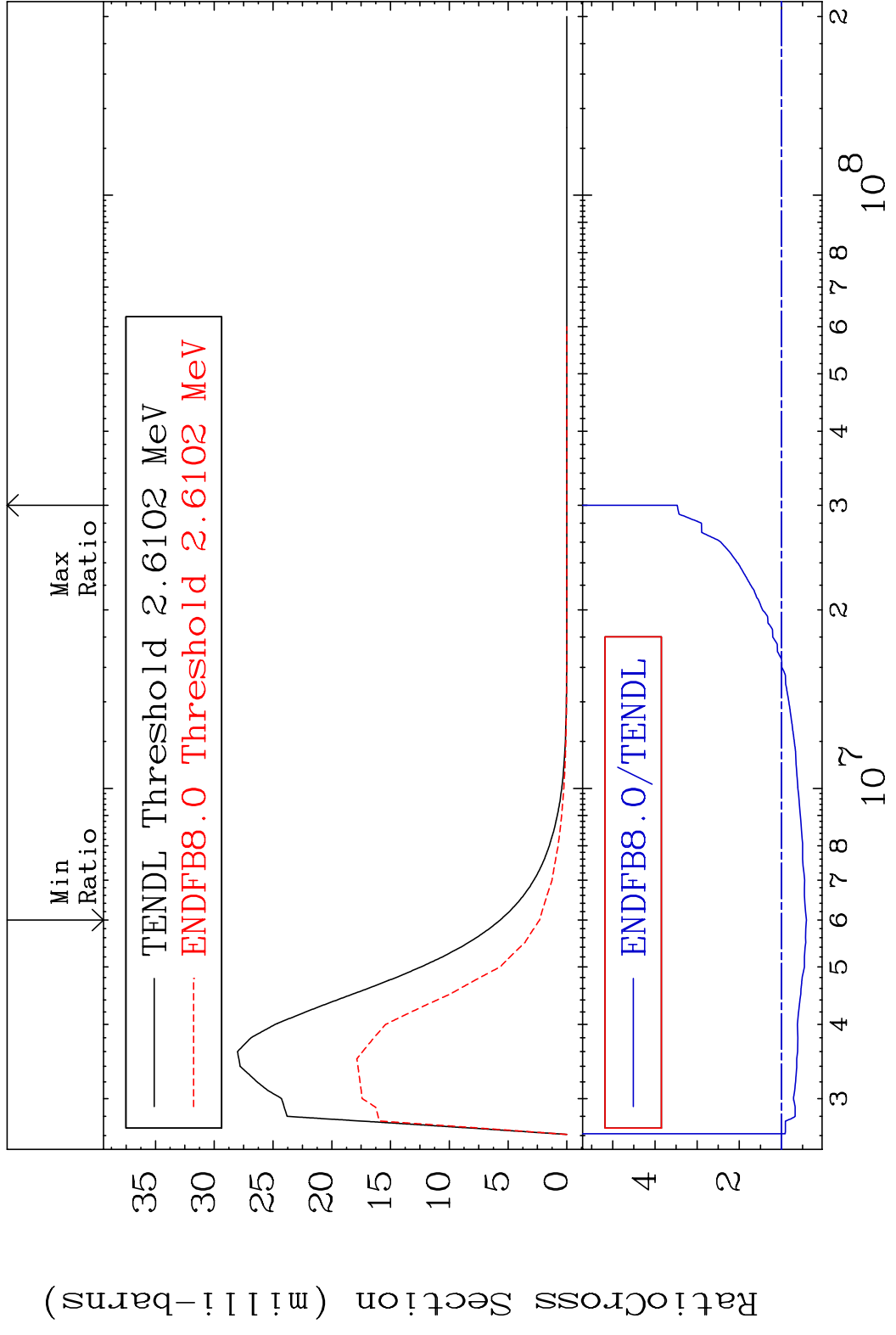
MAT 2525 MT= 67 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 548.5 %



MAT 2525 MT= 68 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %

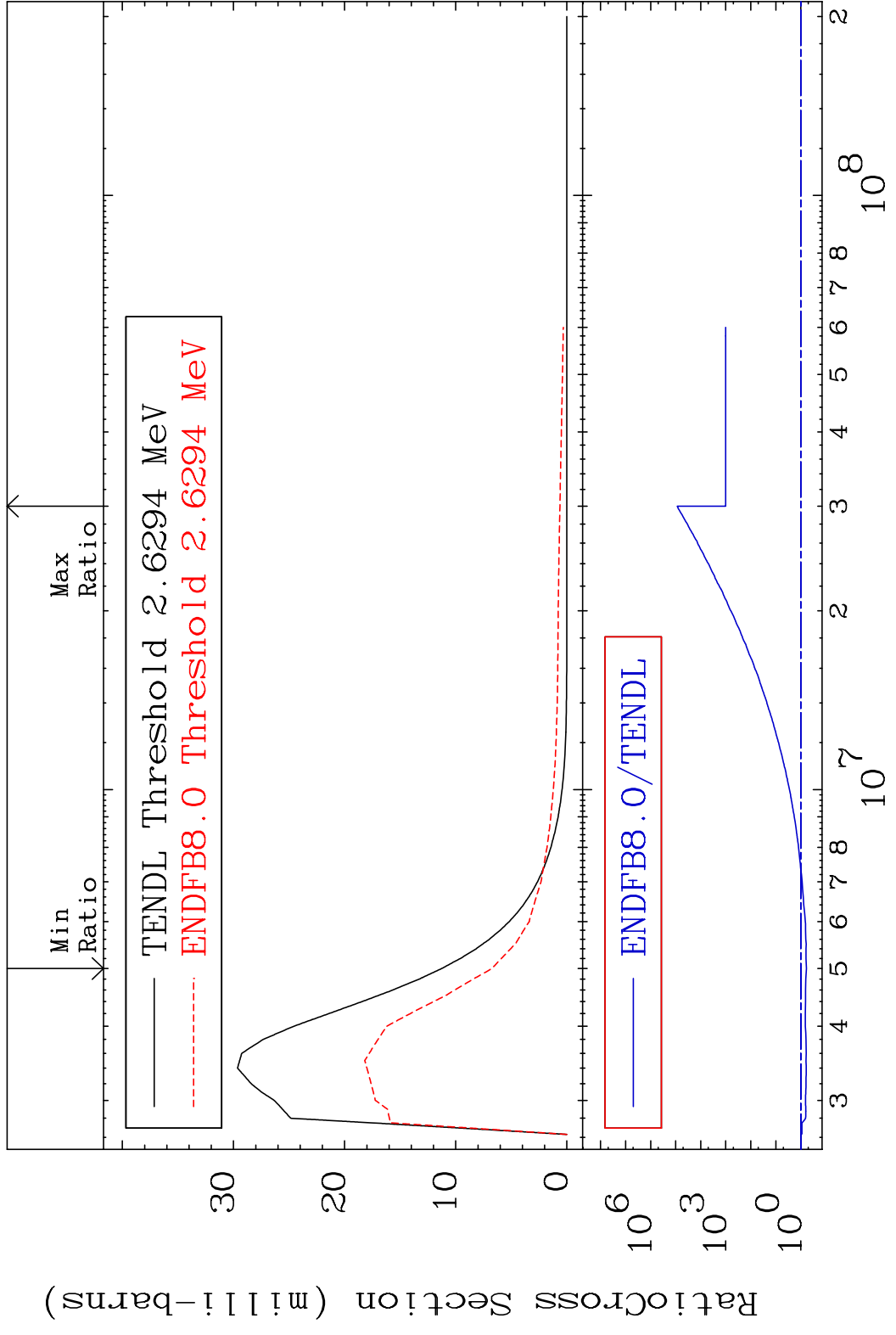


MAT 2525 MT= 69 (n, n') Level 25-Mn-55
 Cross Section -58.98 To 247.3 %

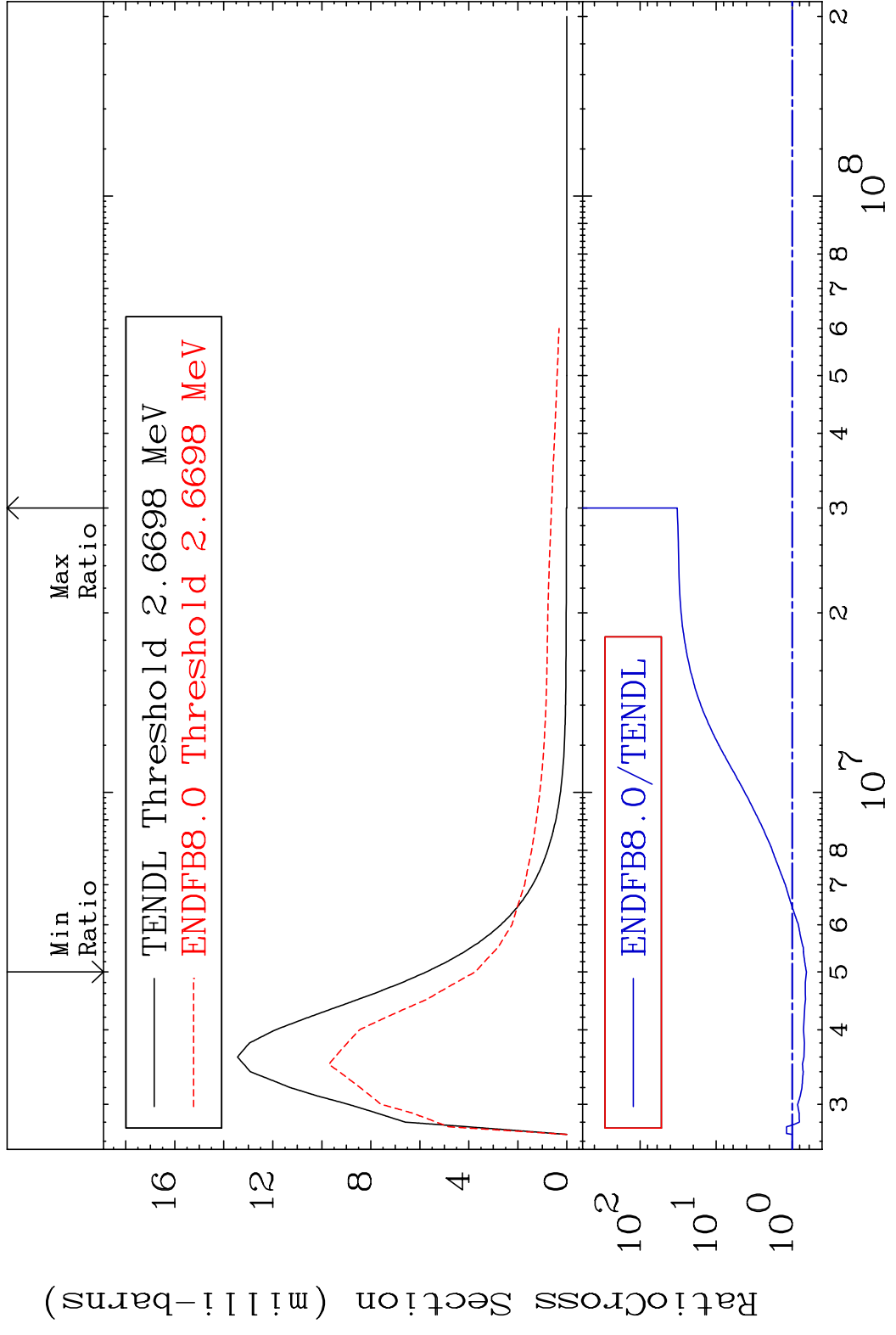


25 25-Mn-55

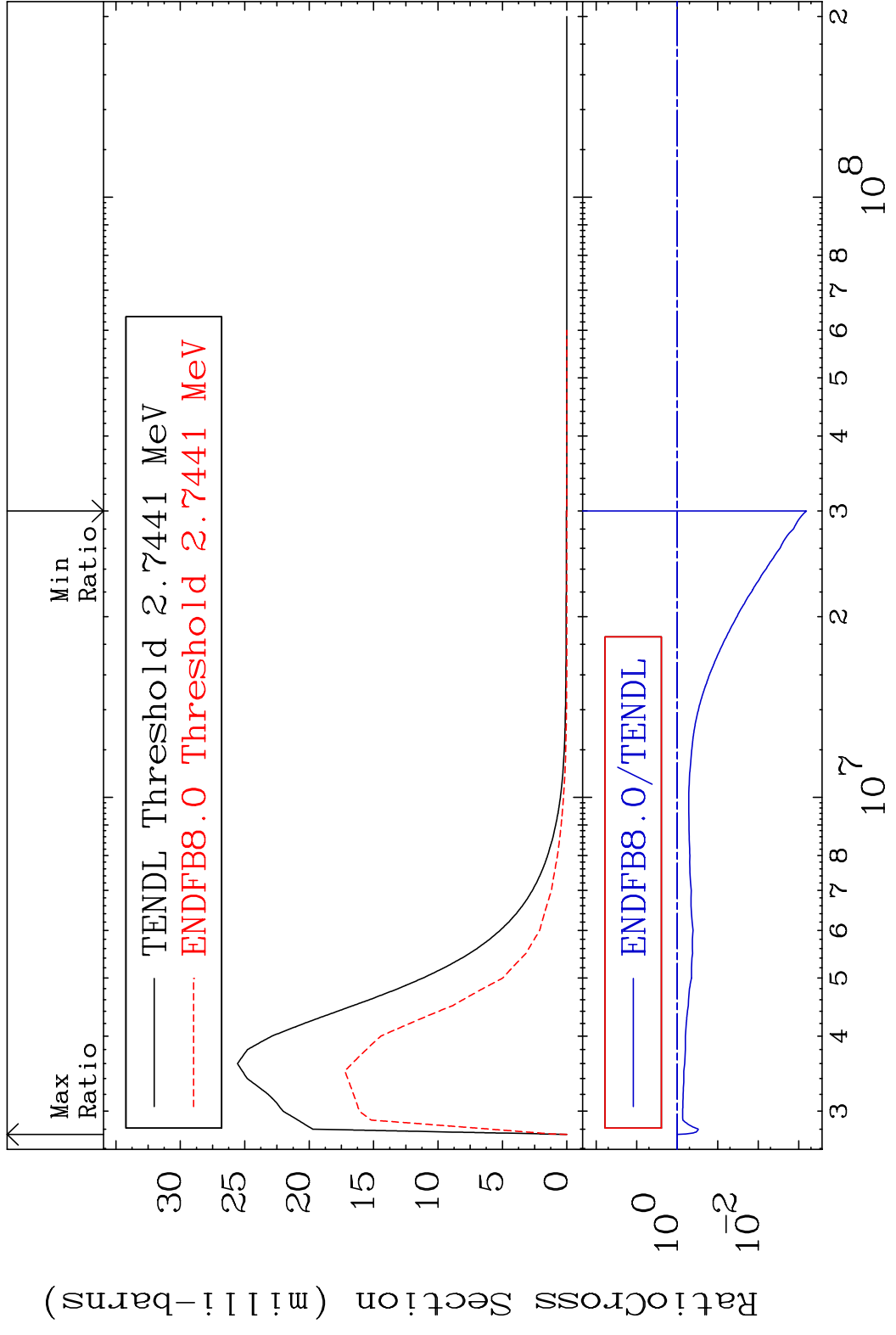
MAT 2525 MT= 70 (n, n') Level 25-Mn-55
 Cross Section -40.17 To 9999. %



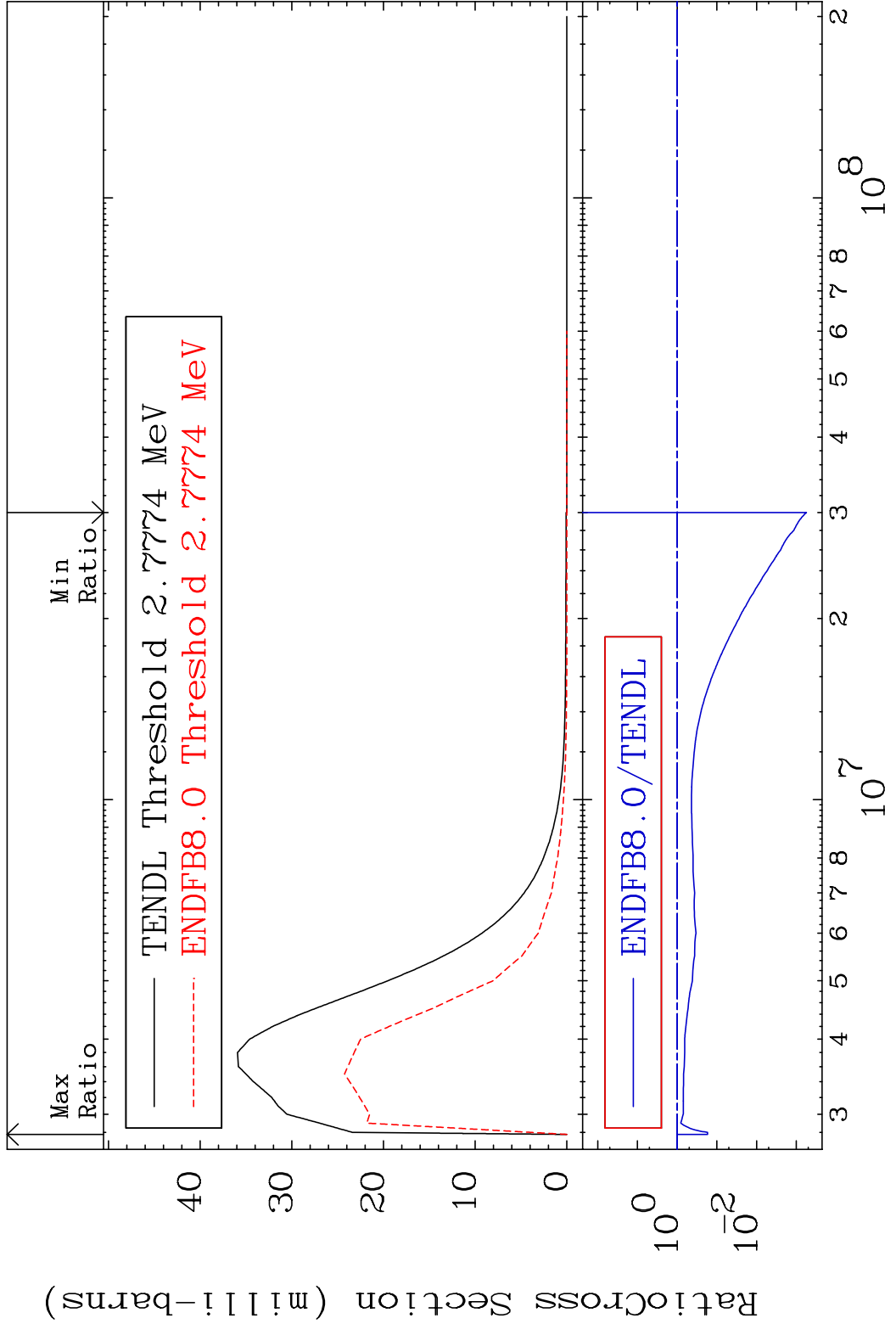
MAT 2525 MT= 71 (n, n') Level 25-Mn-55
 Cross Section -34.76 To 3159. %



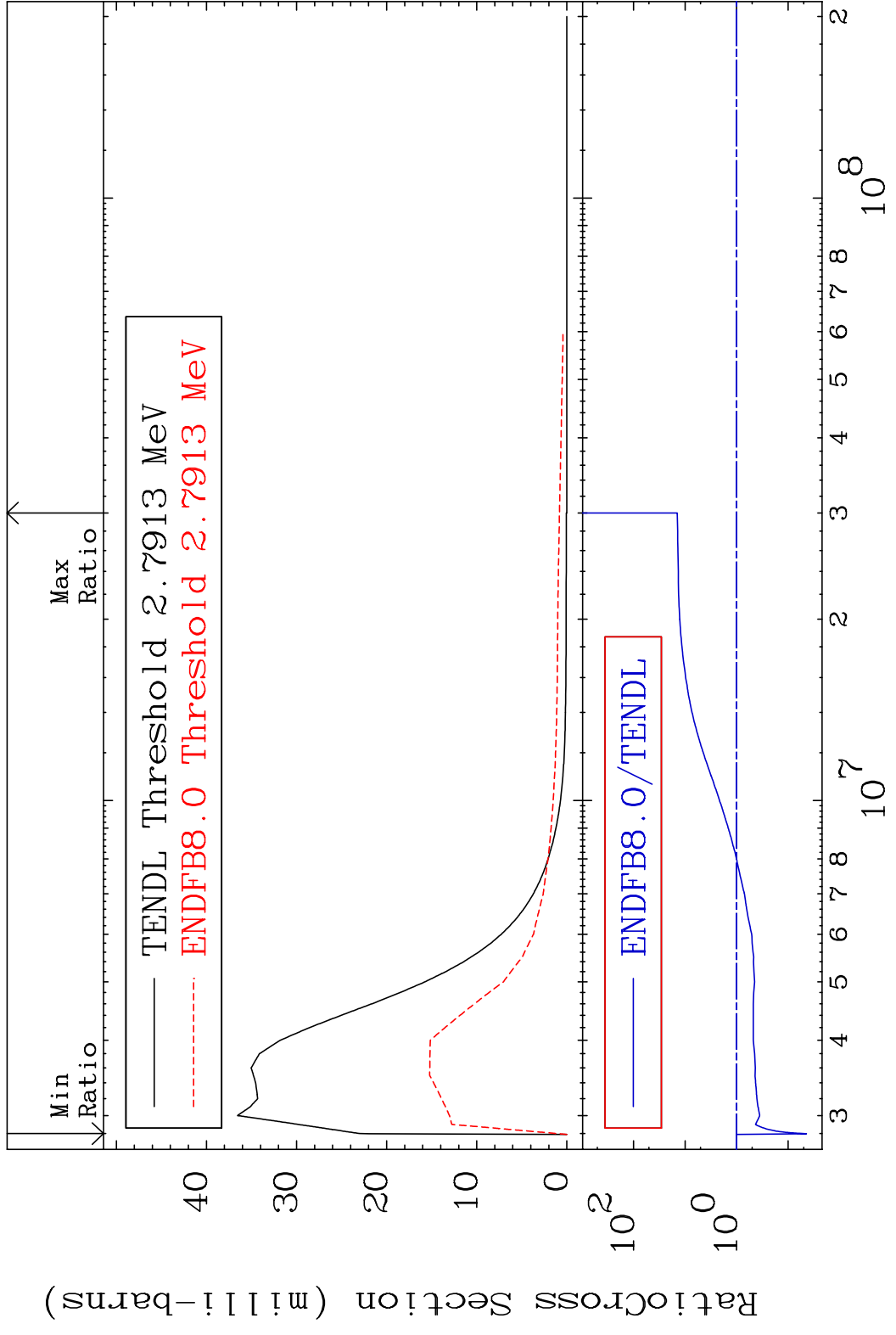
MAT 2525 MT= 72 (n, n') Level 25-Mn-55
 Cross Section -99.93 To 0.000 %



MAT 2525 MT= 73 (n, n') Level 25-Mn-55
 Cross Section -99.94 To 0.000 %

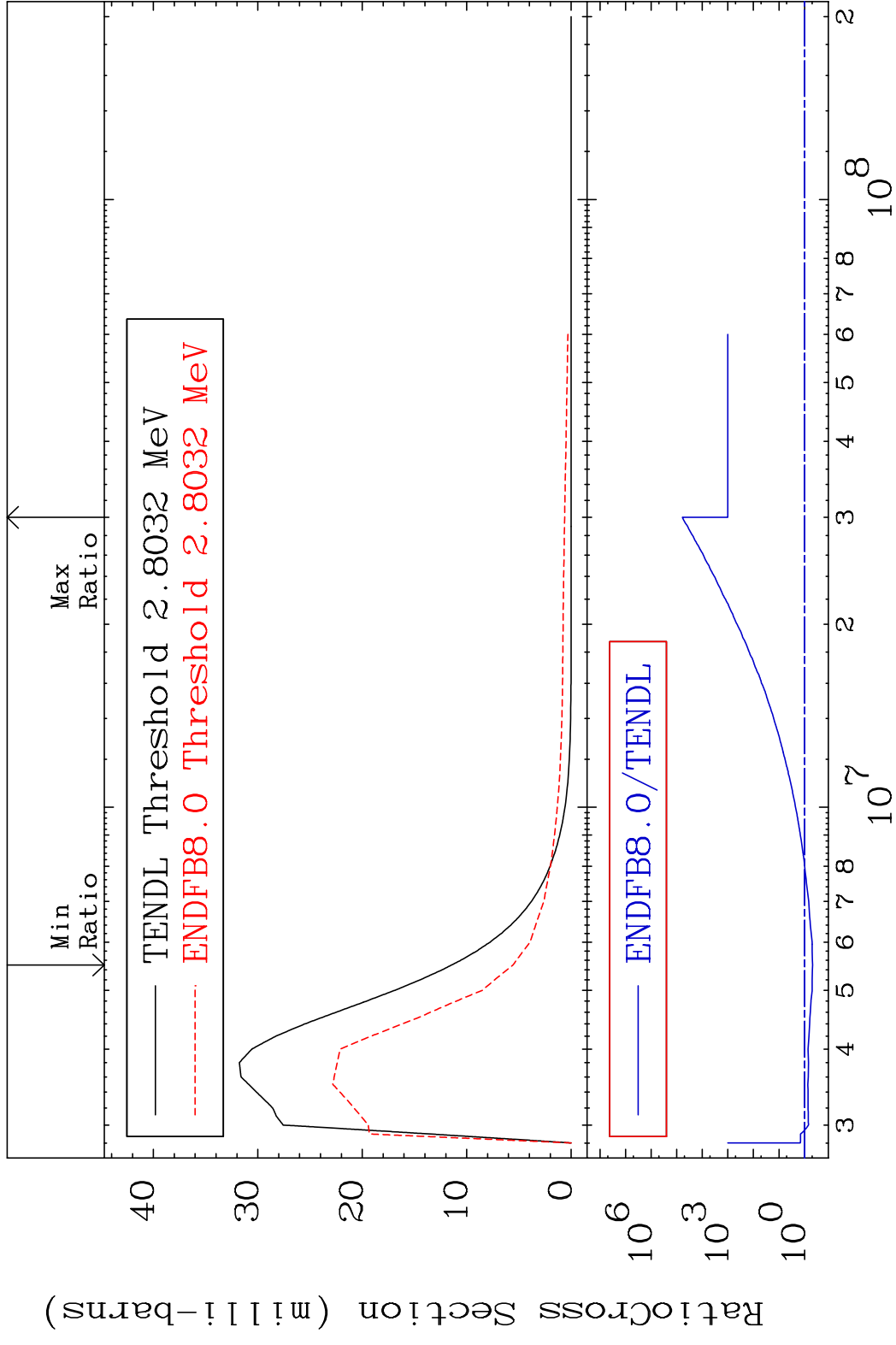


MAT 2525 MT= 74 (n, n') Level 25-Mn-55
 Cross Section -95.57 To 1320. %

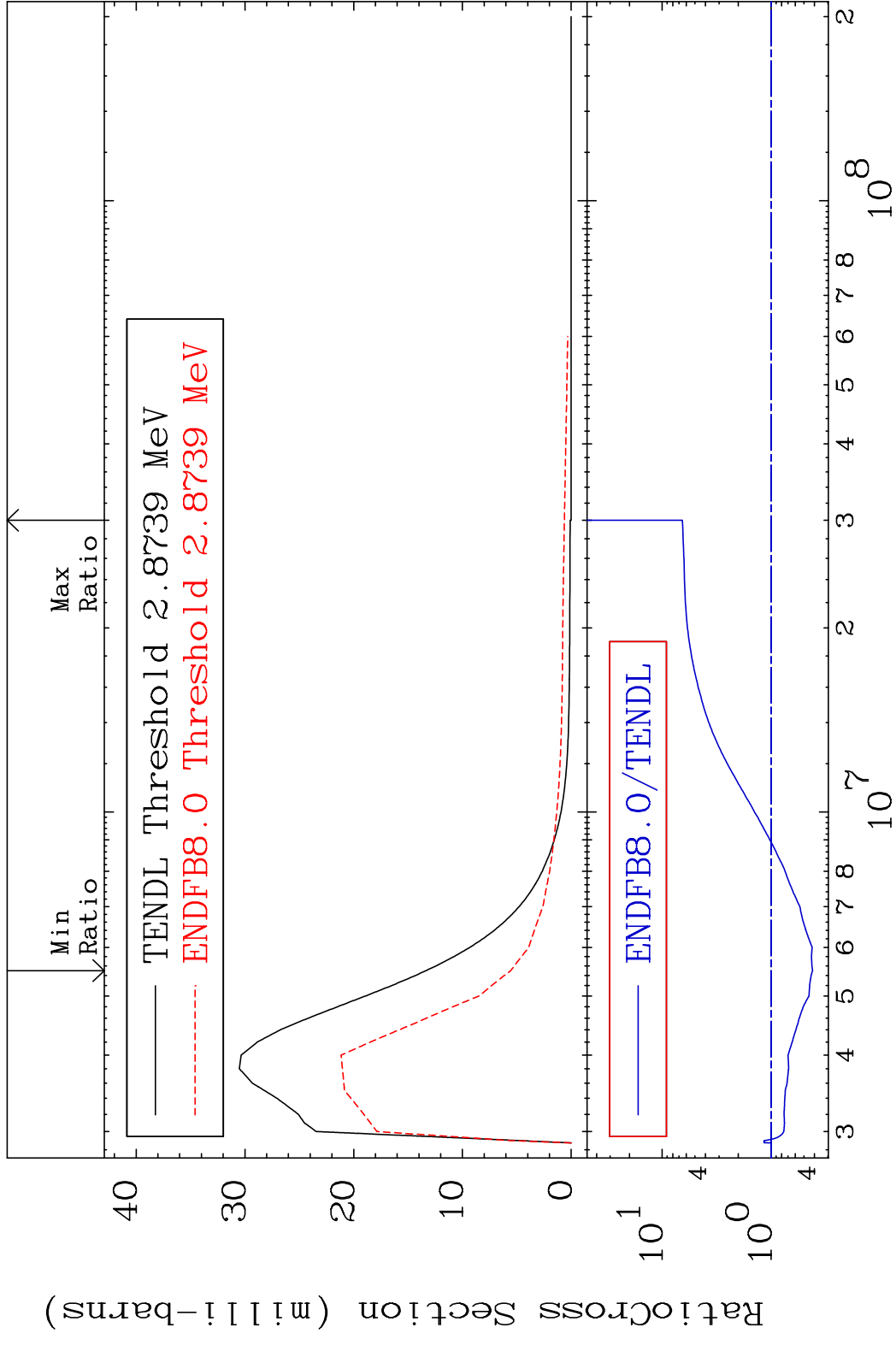


30 25-Mn-55

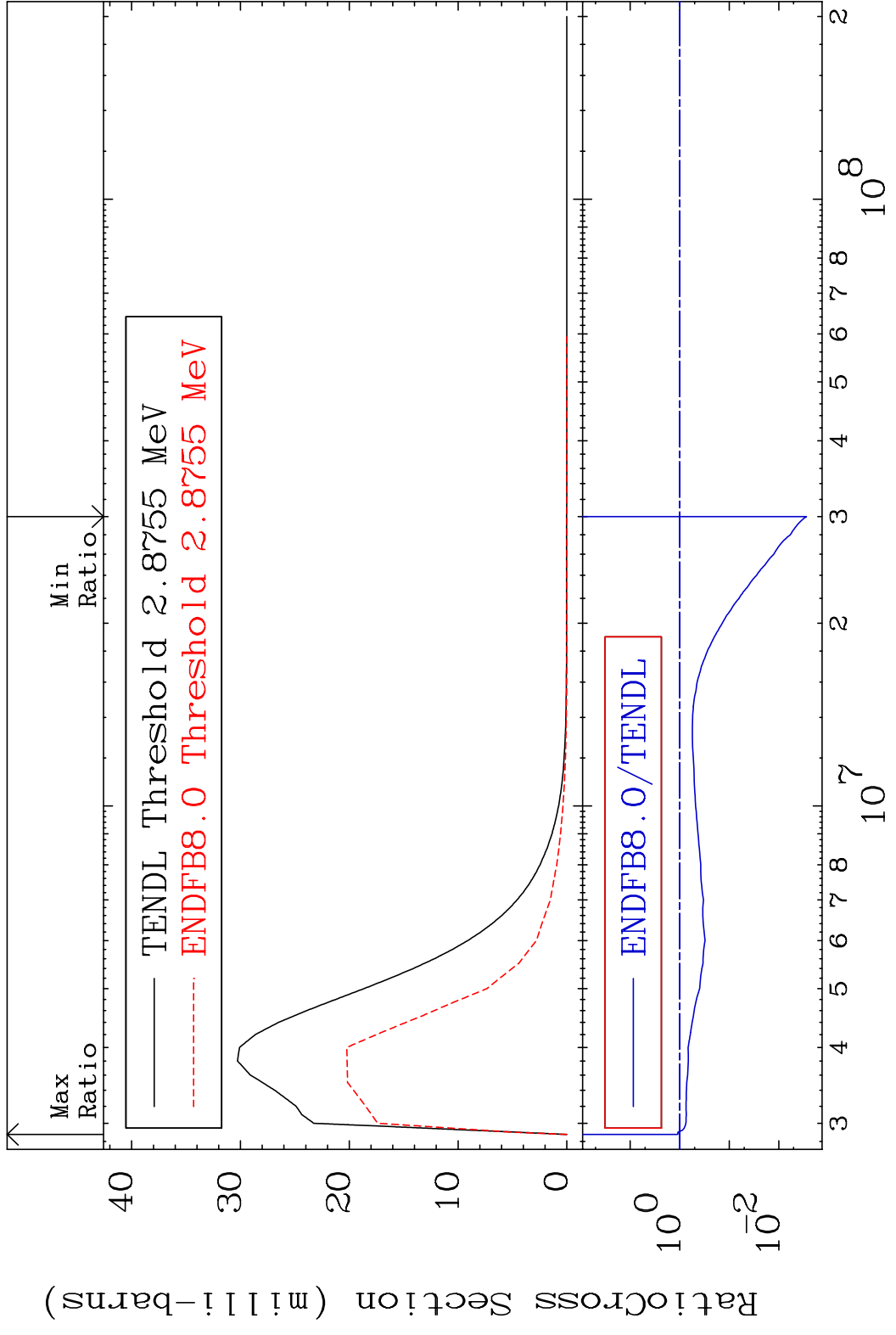
MAT 2525 MT= 75 (n, n') Level 25-Mn-55
 Cross Section -51.42 To 9999. %



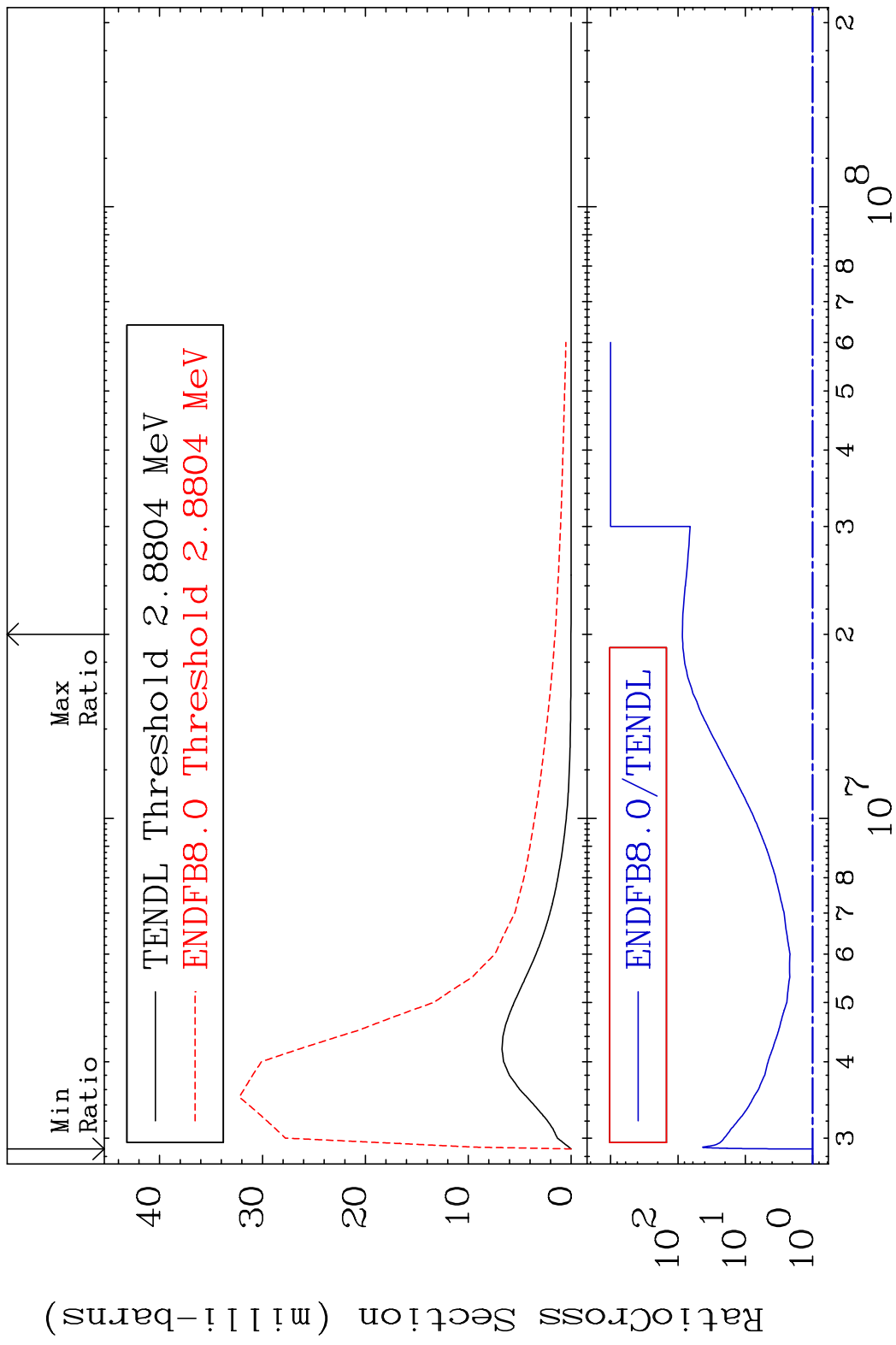
MAT 2525 MT= 76 (n, n') Level 25-Mn-55
 Cross Section -58.43 To 552.3 %



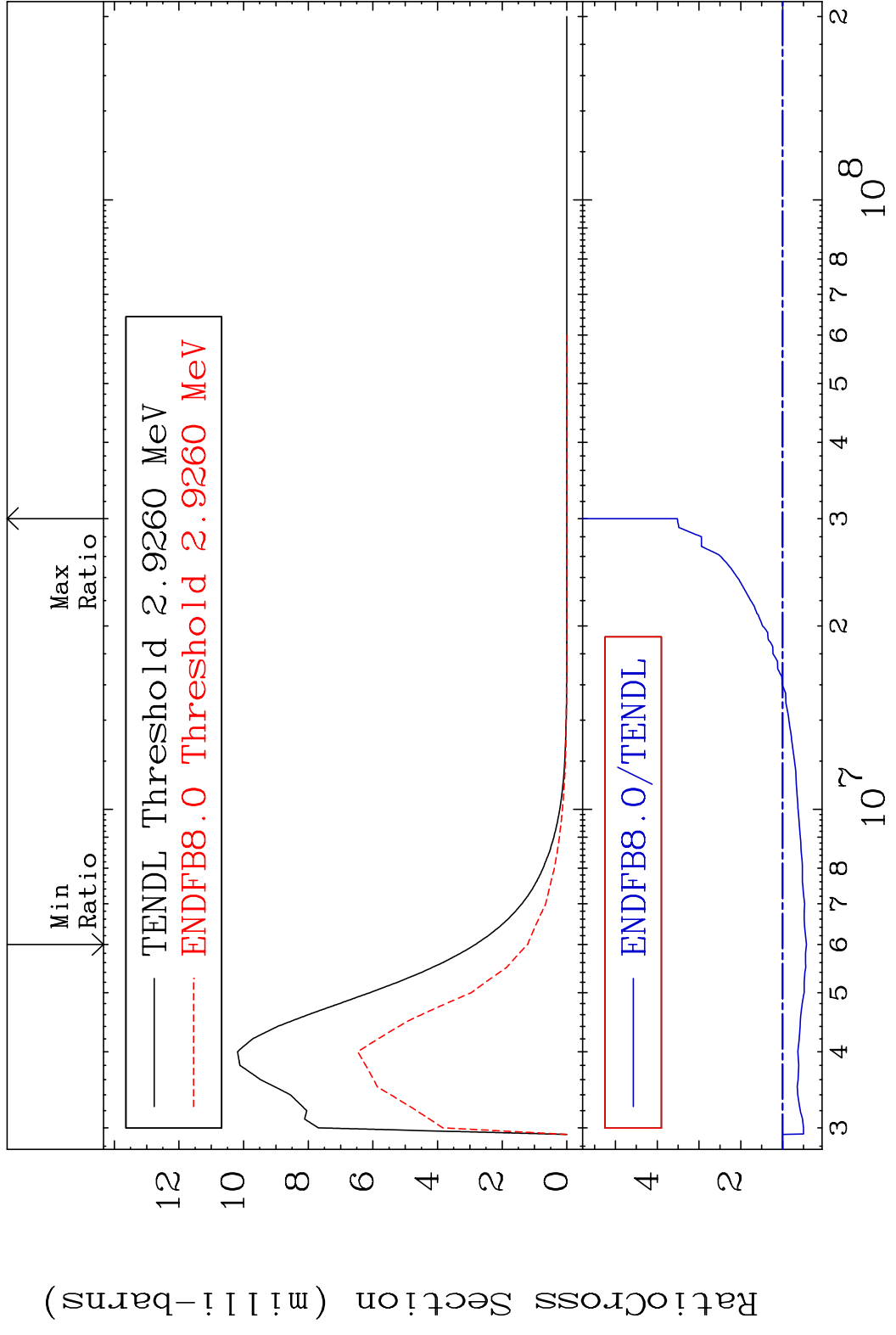
MAT 2525 MT= 77 (n, n') Level 25-Mn-55
 Cross Section -99.72 To 12.14 %



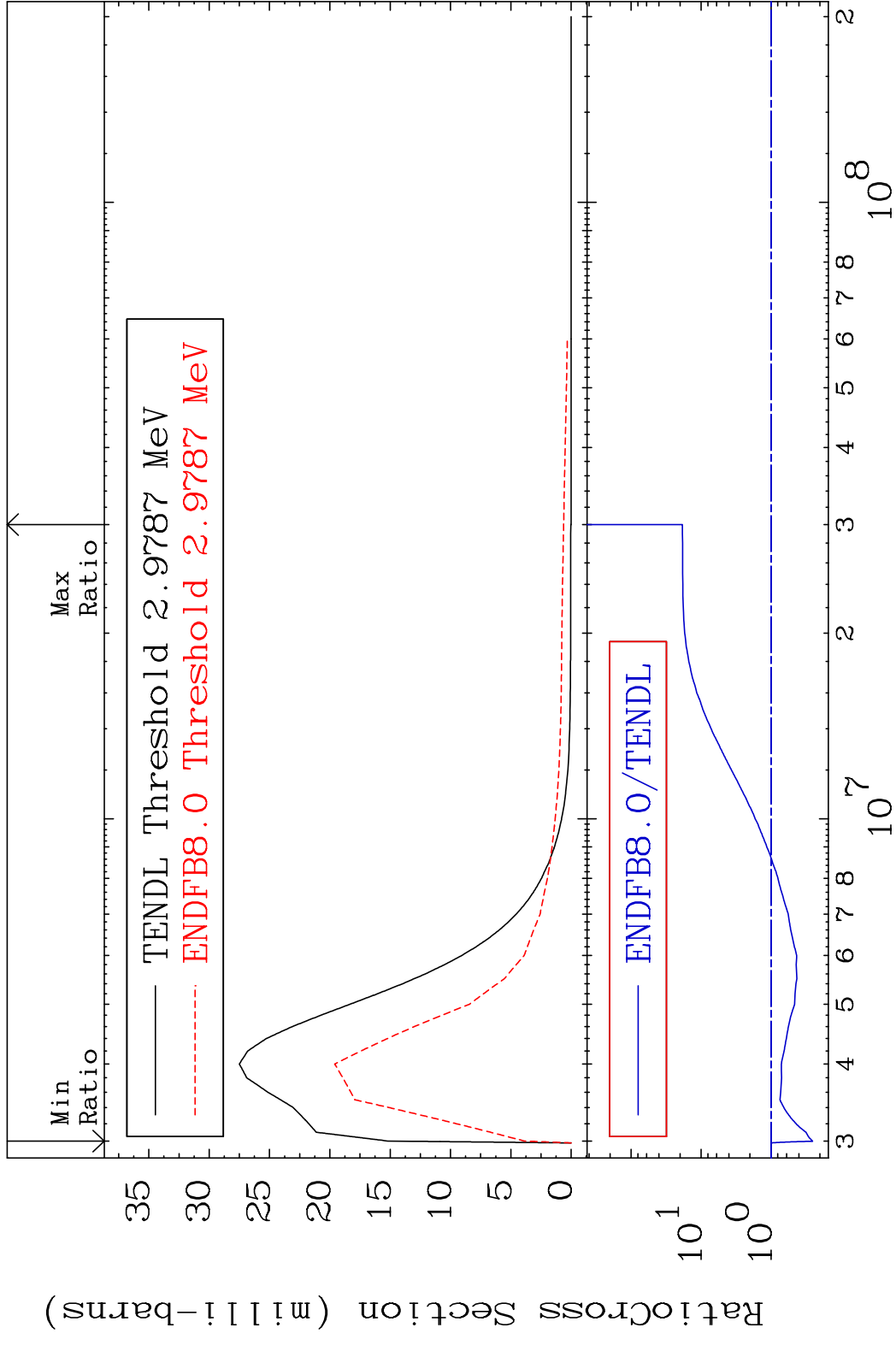
MAT 2525 MT= 78 (n,n') Level 25-Mn-55
 Cross Section 0.000 To 8499. %



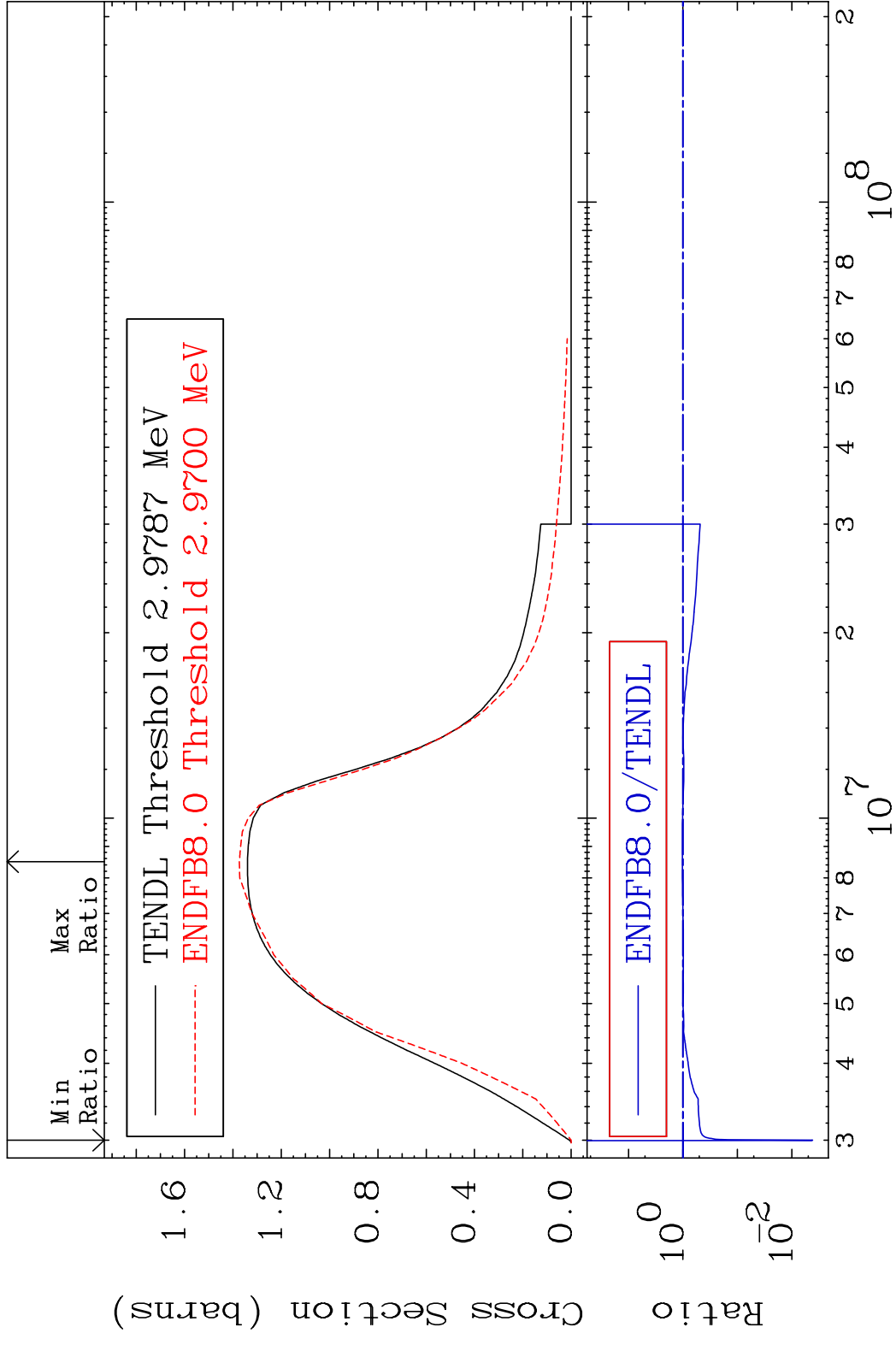
MAT 2525 MT= 79 (n, n') Level 25-Mn-55
 Cross Section -57.01 To 252.2 %



MAT 2525 MT= 80 (n, n') Level 25-Mn-55
 Cross Section -74.57 To 1754. %



MAT 2525 (n,n') Continuum 25-Mn-55
 Cross Section -99.58 To 2.505 %

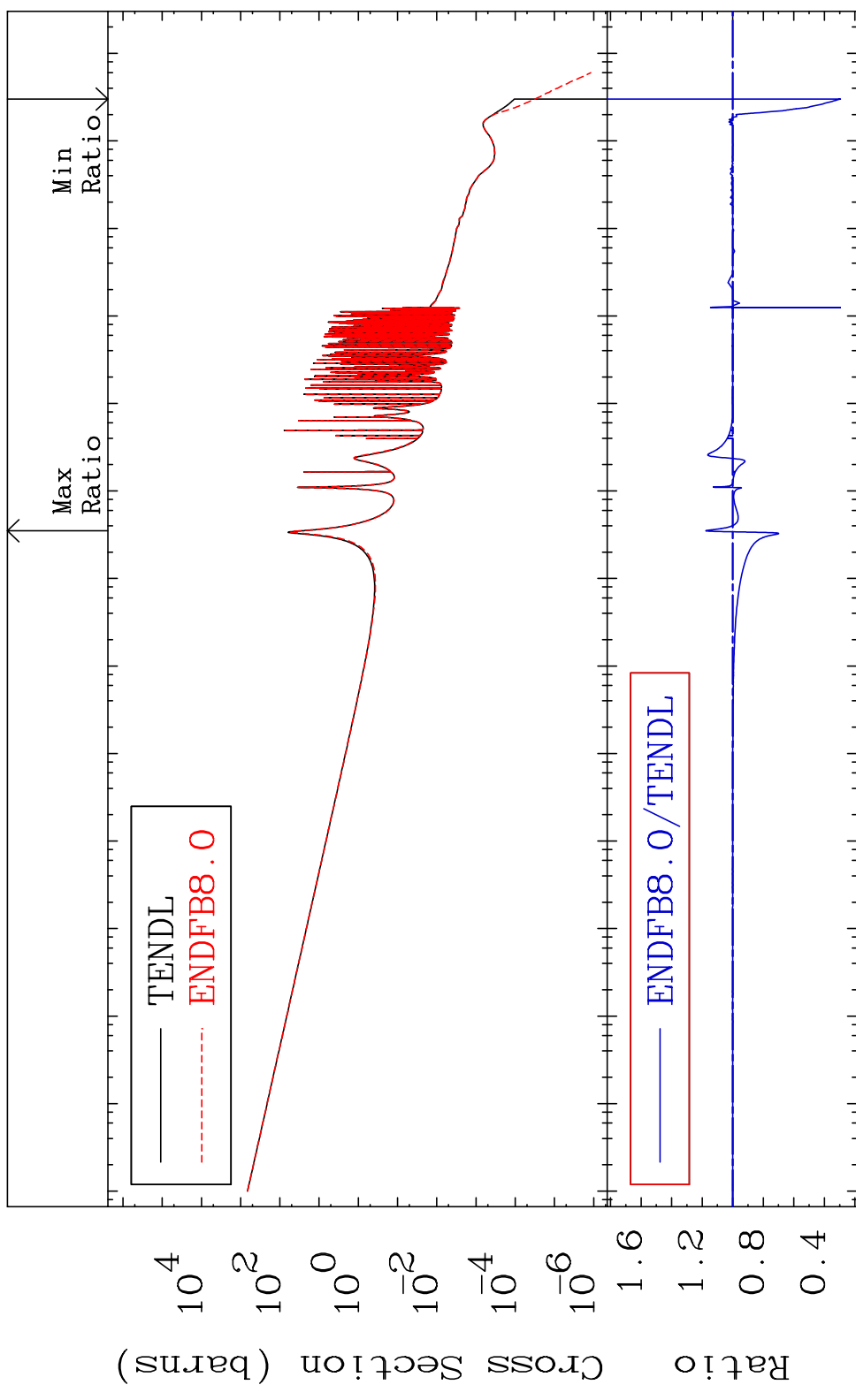


MAT 2525

(n, γ)

25-Mn-55

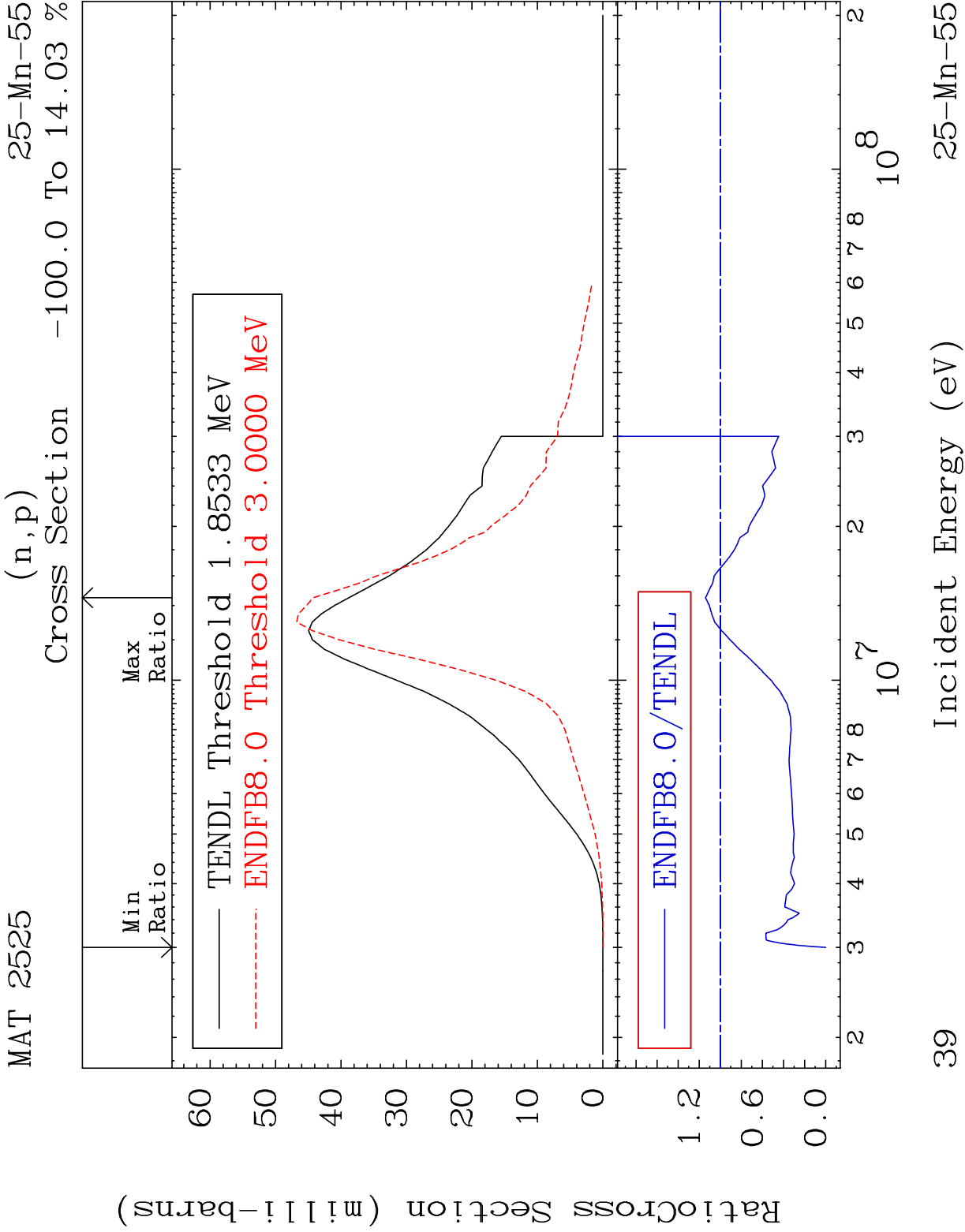
Cross Section -70.50 To 17.65 %



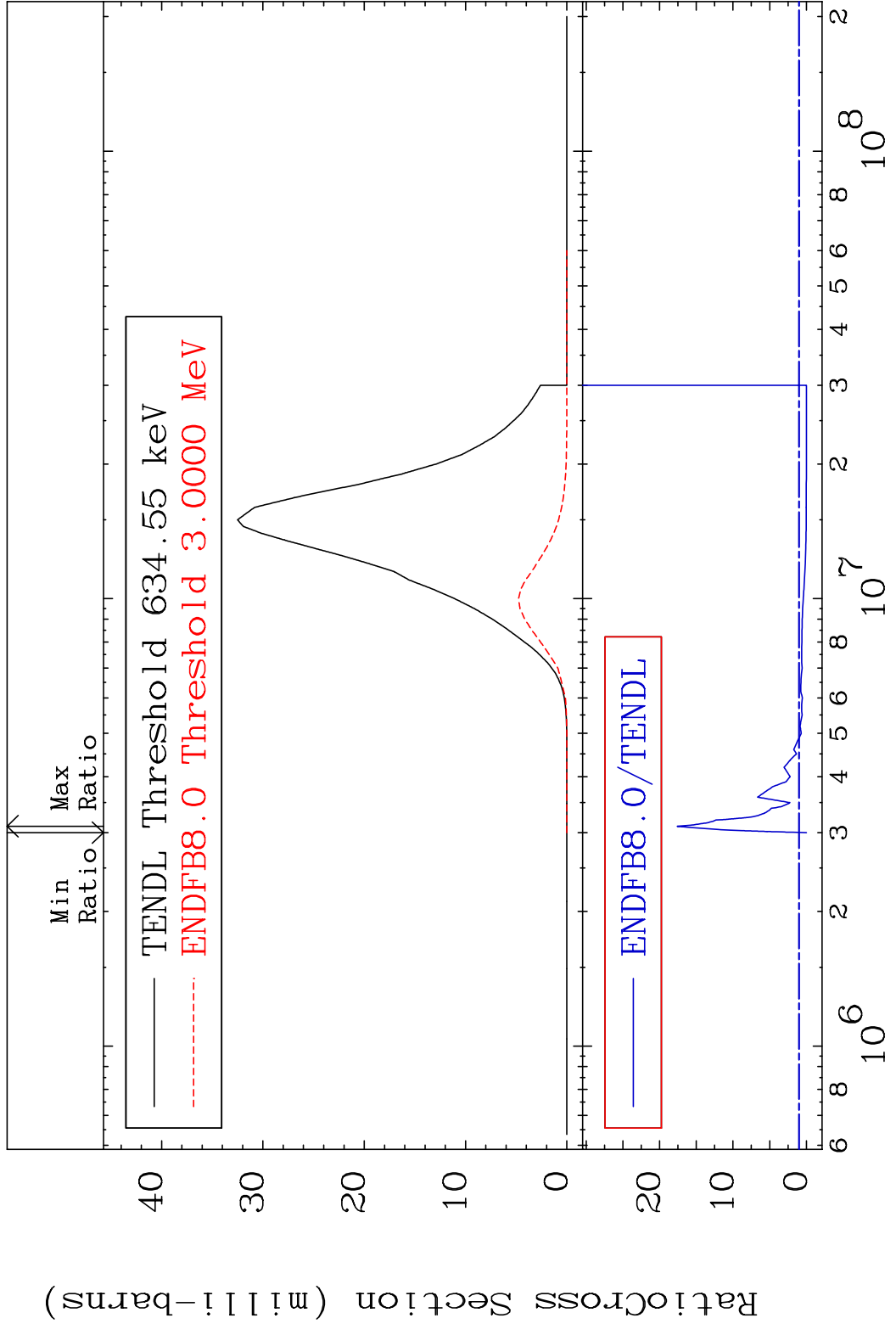
38

Incident Energy (eV)

25-Mn-55



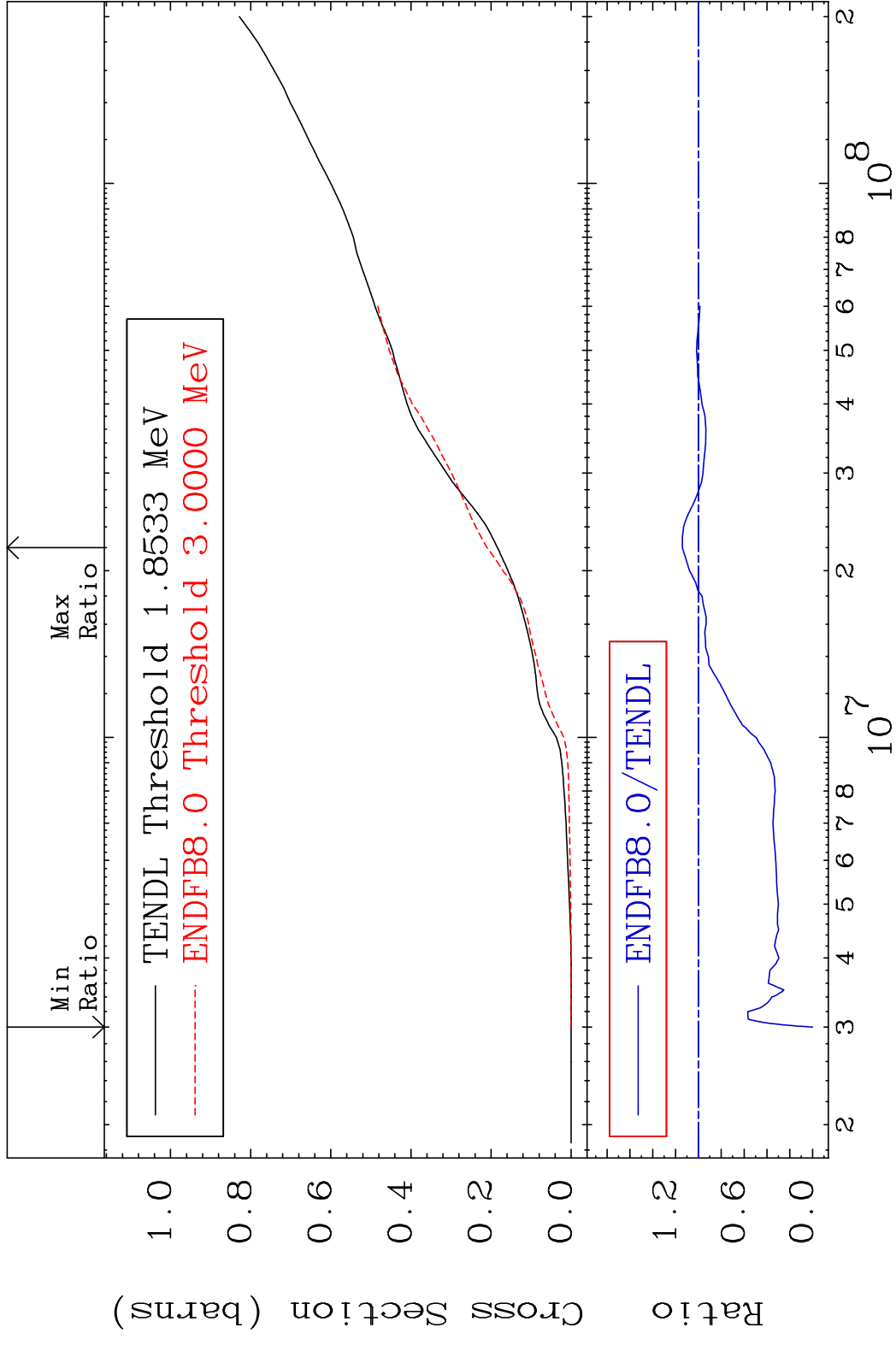
MAT 2525 (n, α) 25-Mn-55
 Cross Section -100.0 To 1660. %



40 20 0 -20 -40

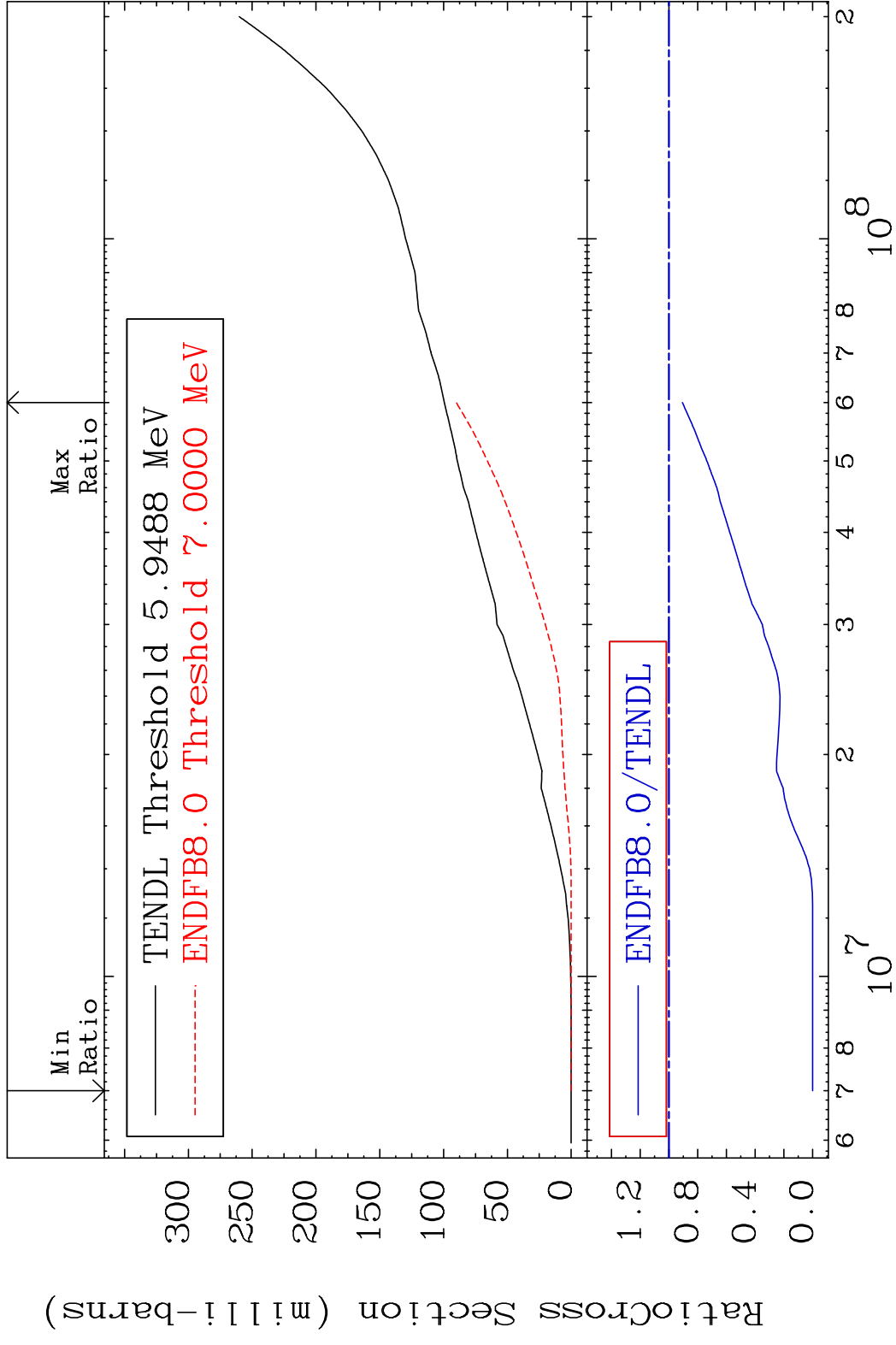
6 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸

MAT 2525 Hydrogen Production 25-Mn-55
 Cross Section -100.0 To 14.09 %

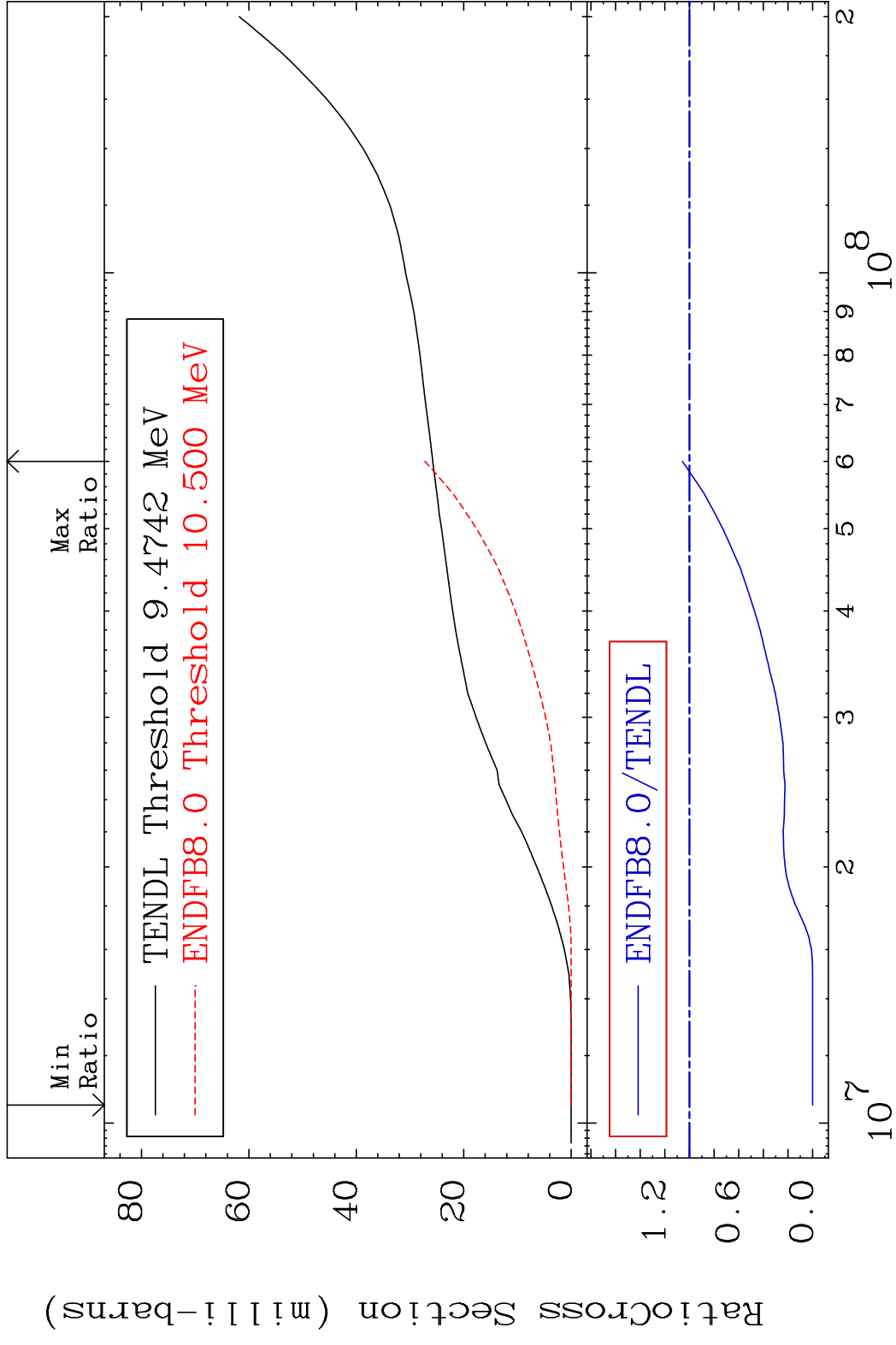


41 Incident Energy (eV) 25-Mn-55

MAT 2525 Deuterium Production 25-Mn-55
 Cross Section -100.0 To -9.364%

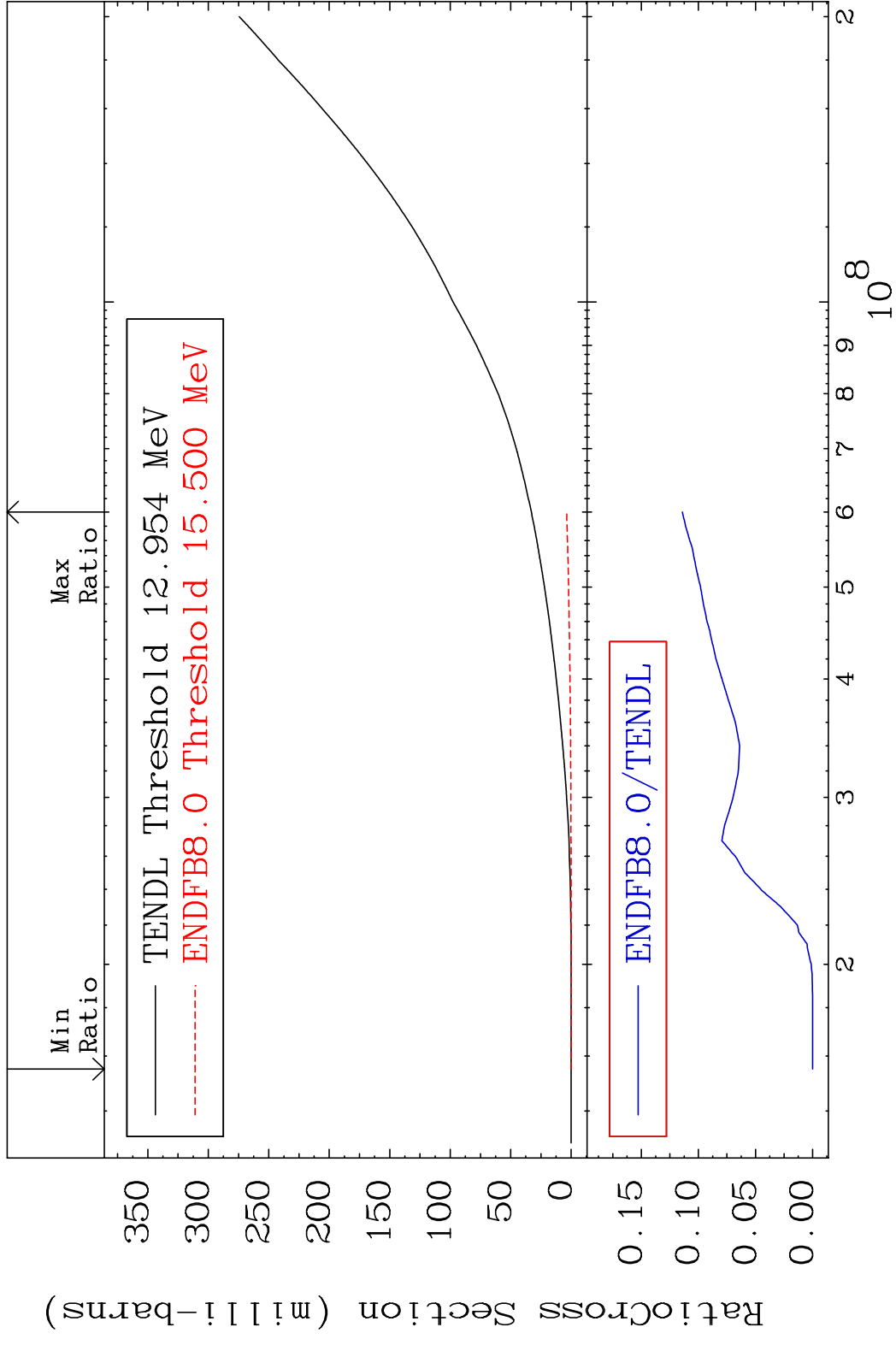


MAT 2525 Tritium Production 25-Mn-55
 Cross Section -100.0 To 5.724 %

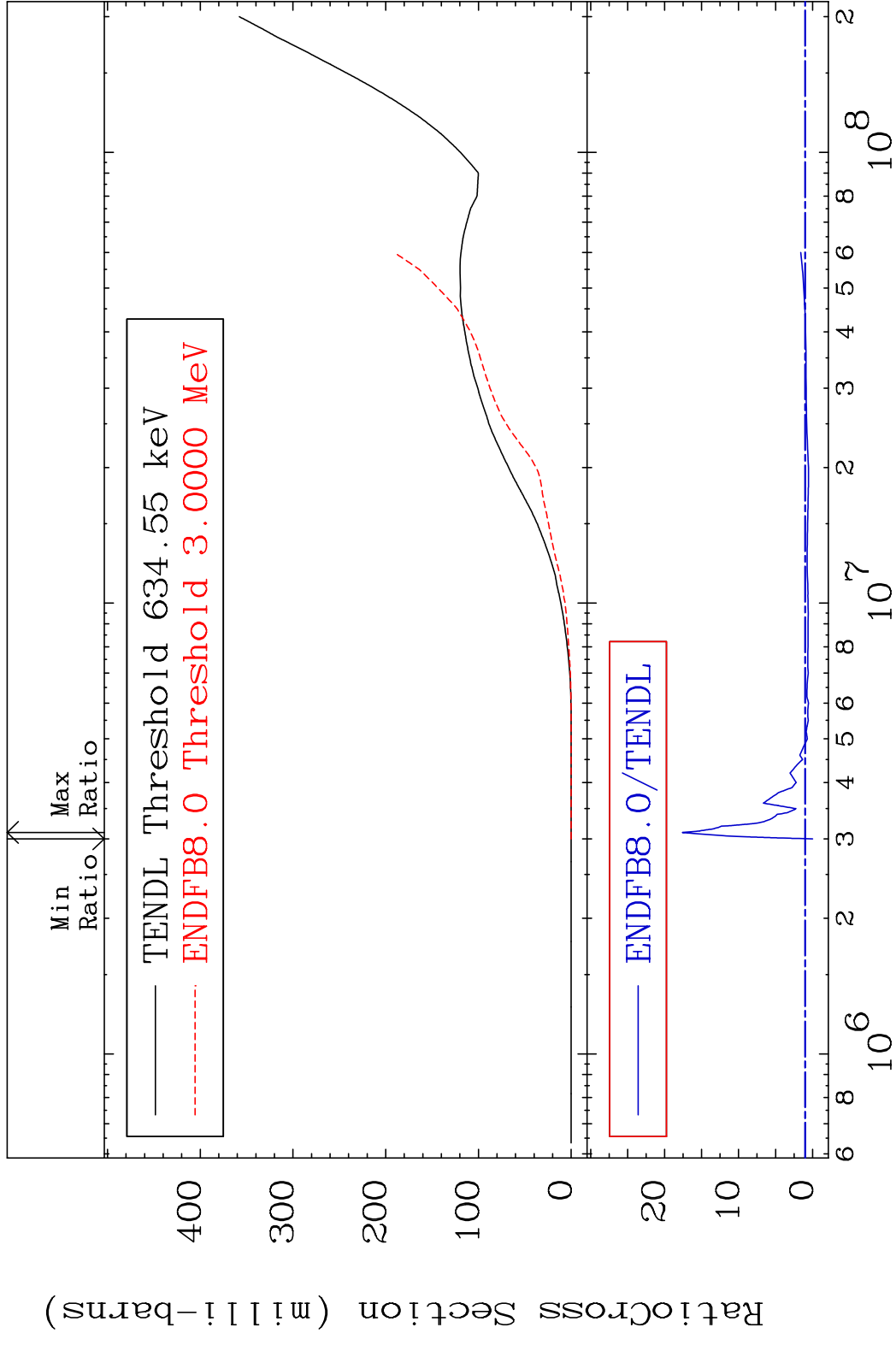


43 25-Mn-55

MAT 2525 He-3 Production 25-Mn-55
 Cross Section -100.0 To -88.59%

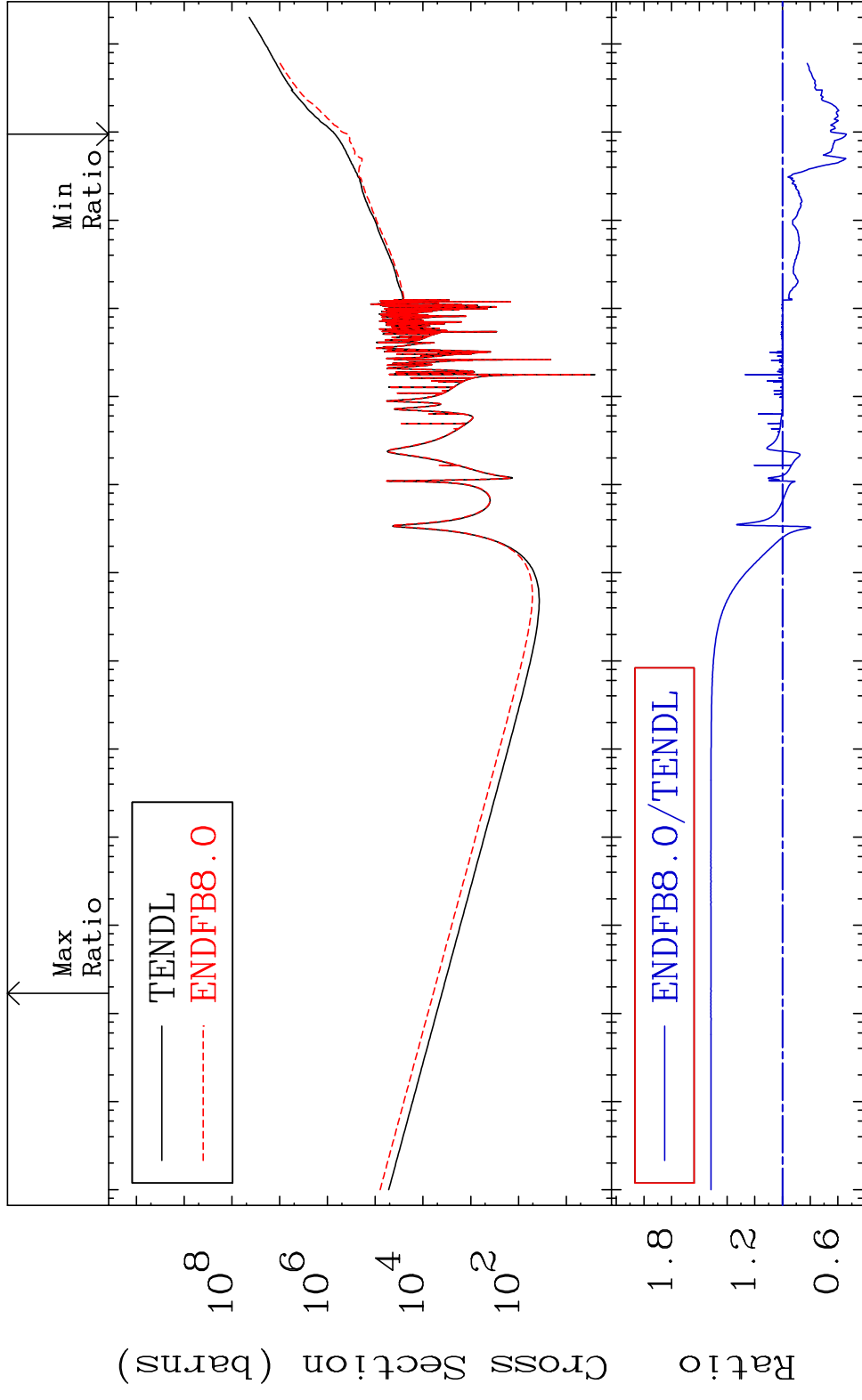


MAT 2525 He-4 Production 25-Mn-55
 Cross Section -100.0 To 1660. %



45 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55
 Cross Section -46.06 To 51.79 %

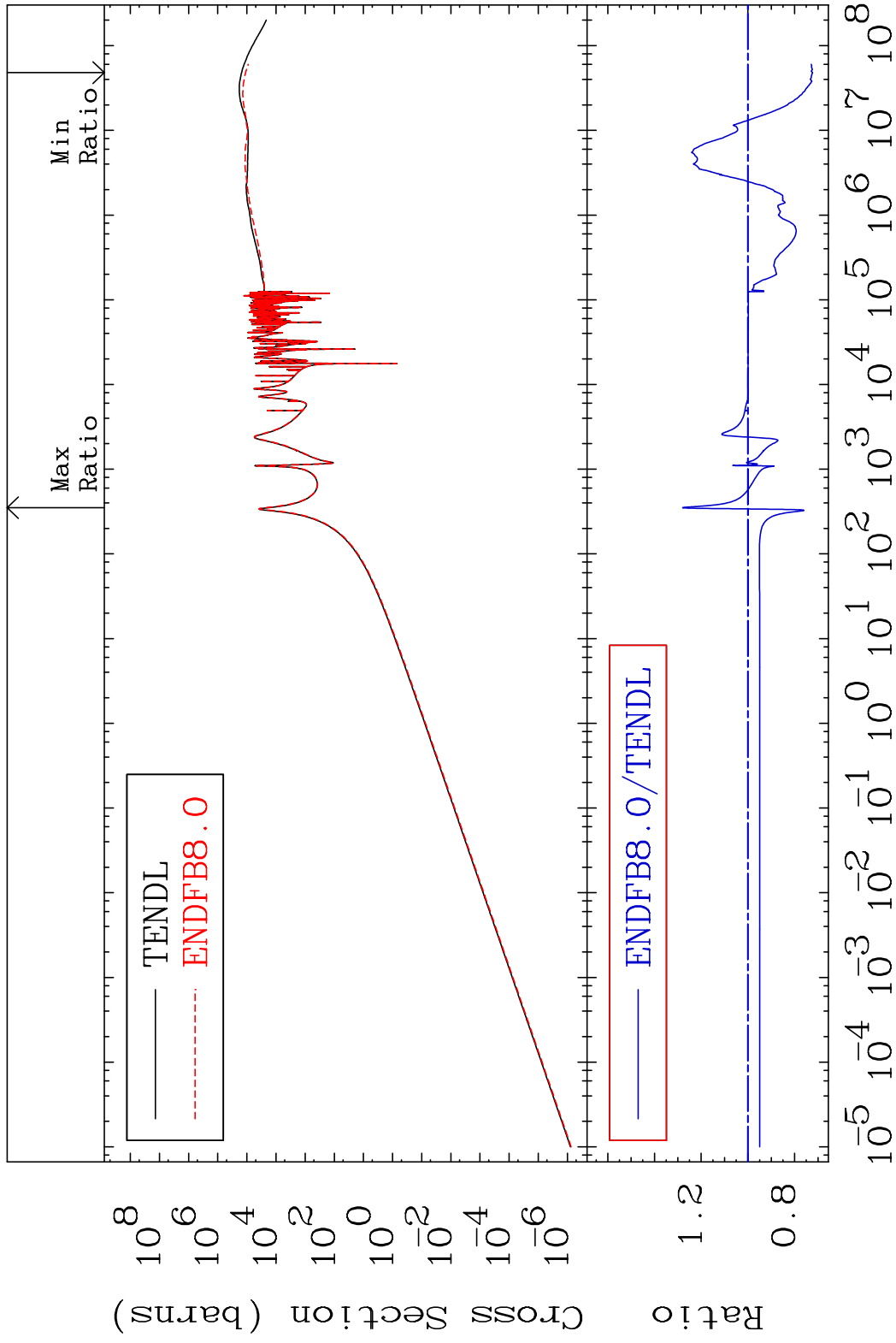


MAT 2525

Kerma elastic
Cross Section

25-Mn-55

-27.67 To 28.07 %

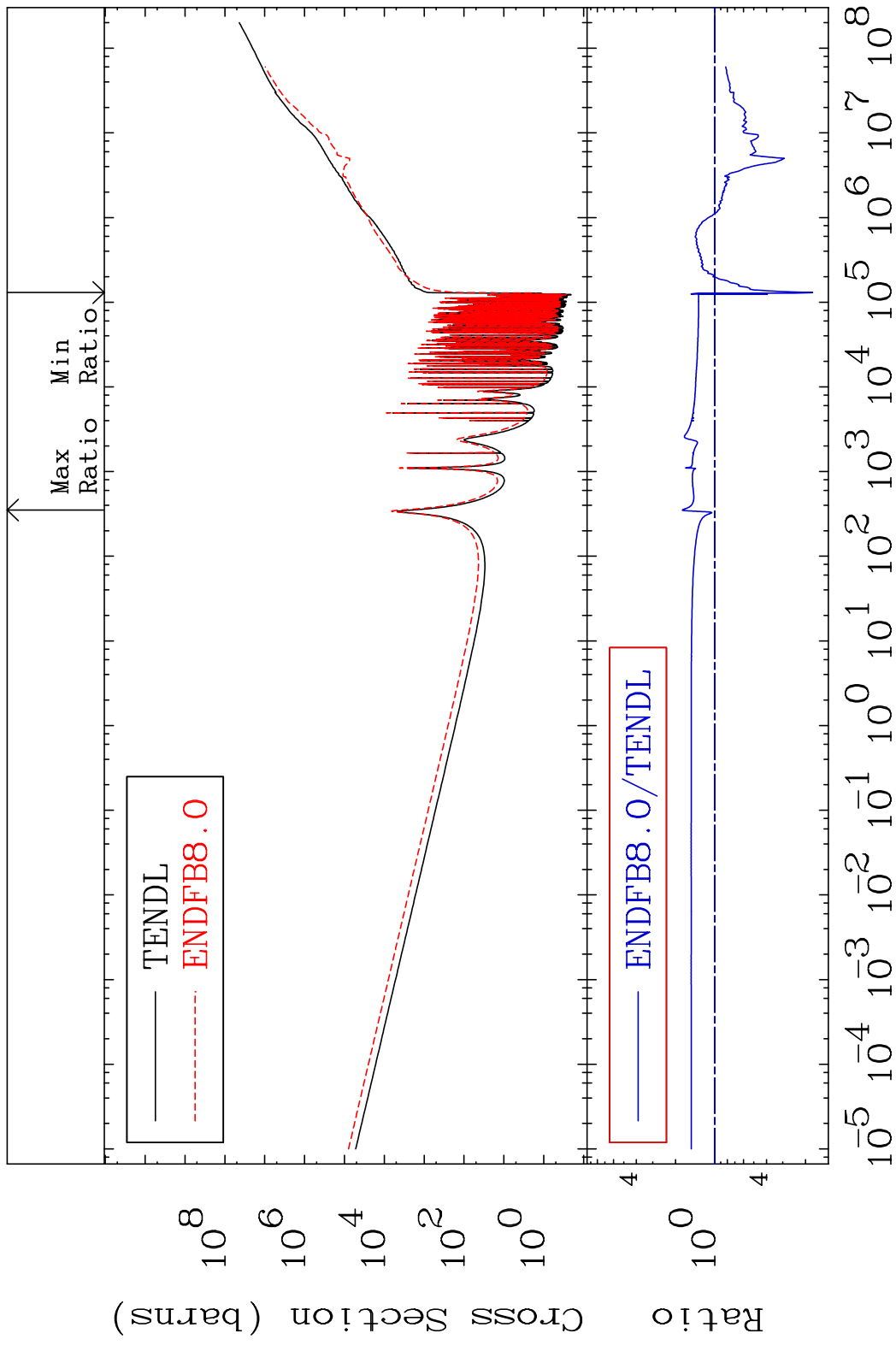


47

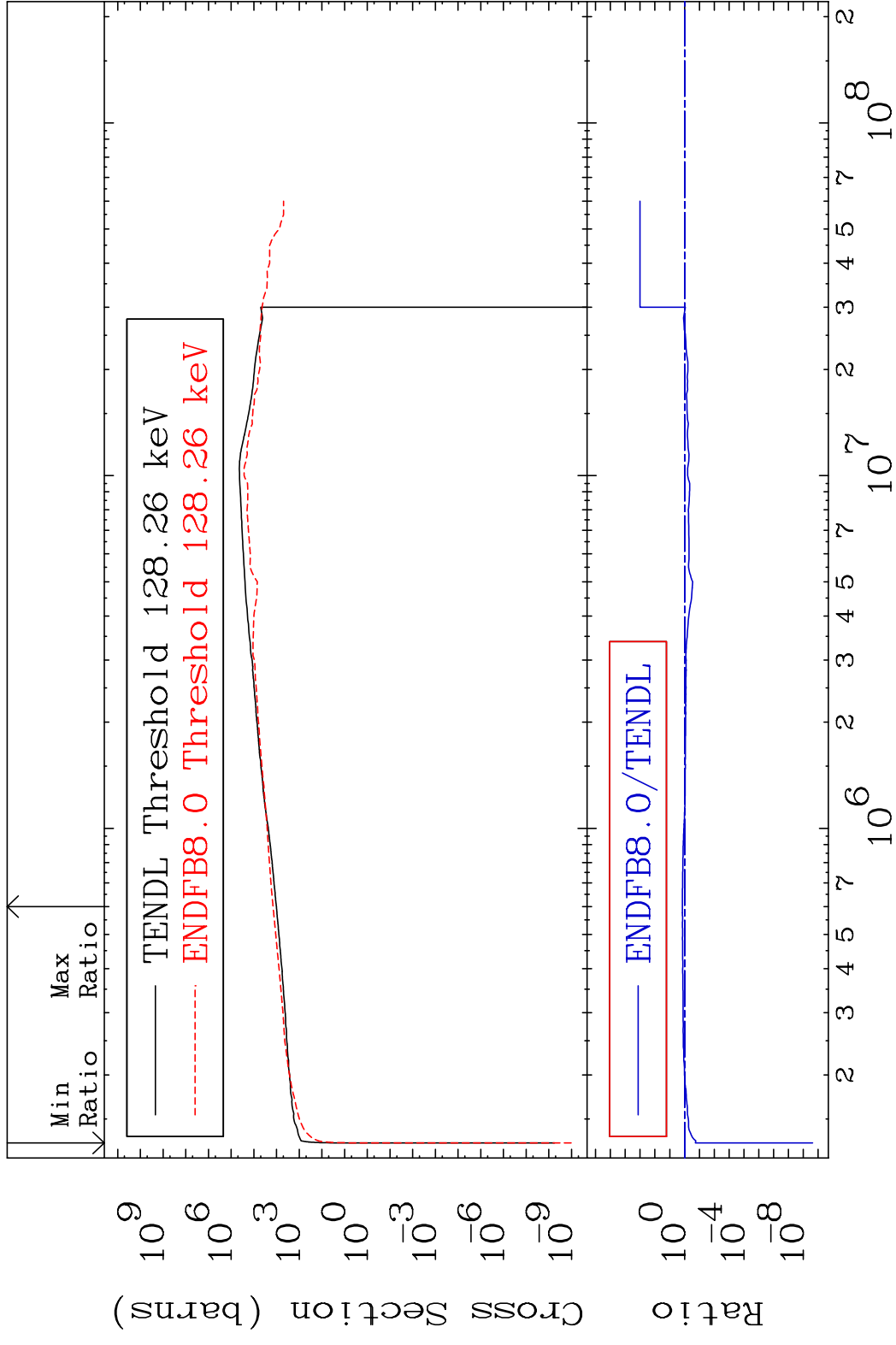
Incident Energy (eV)

25-Mn-55

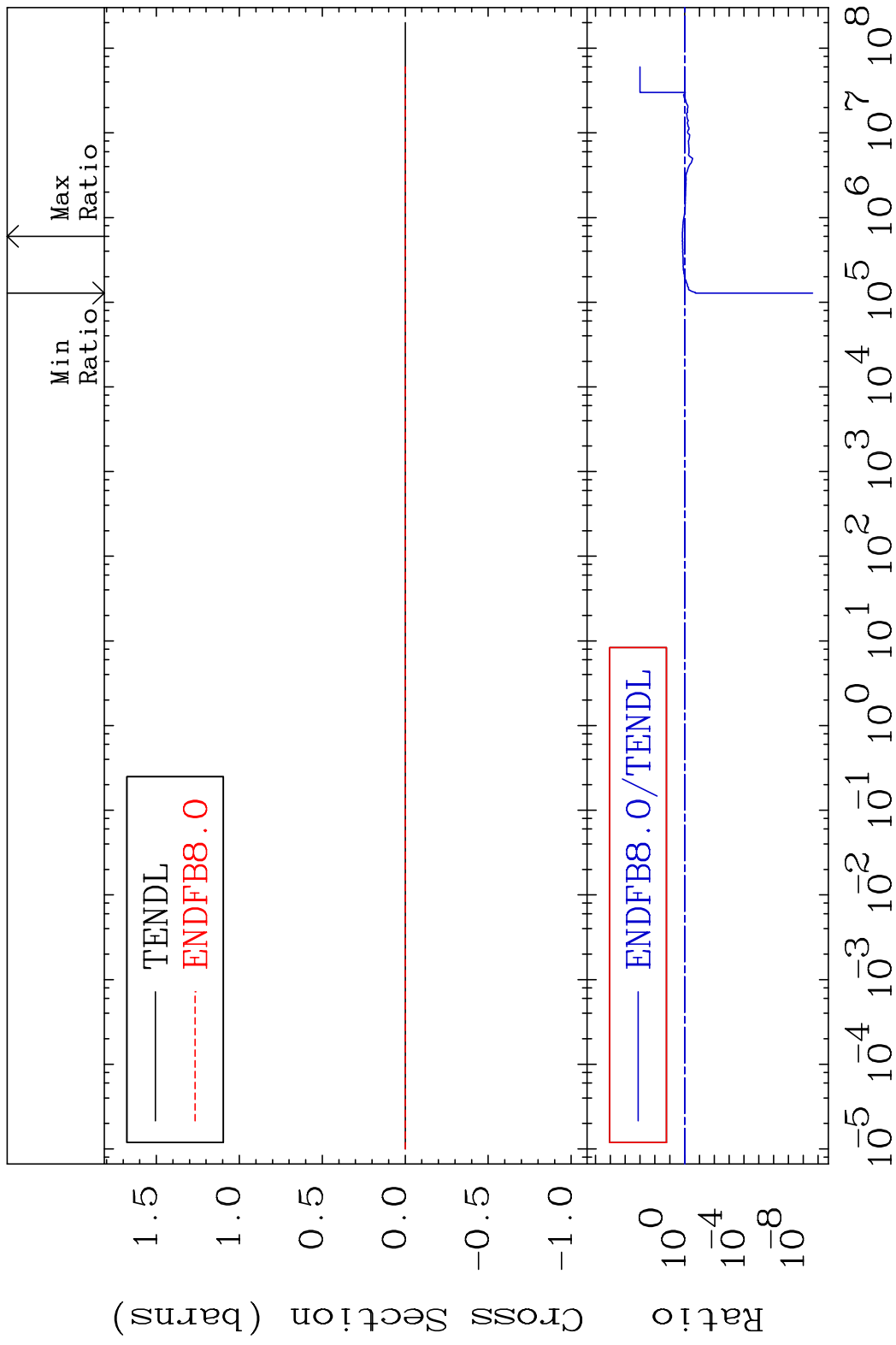
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -82.32 To 77.28 %



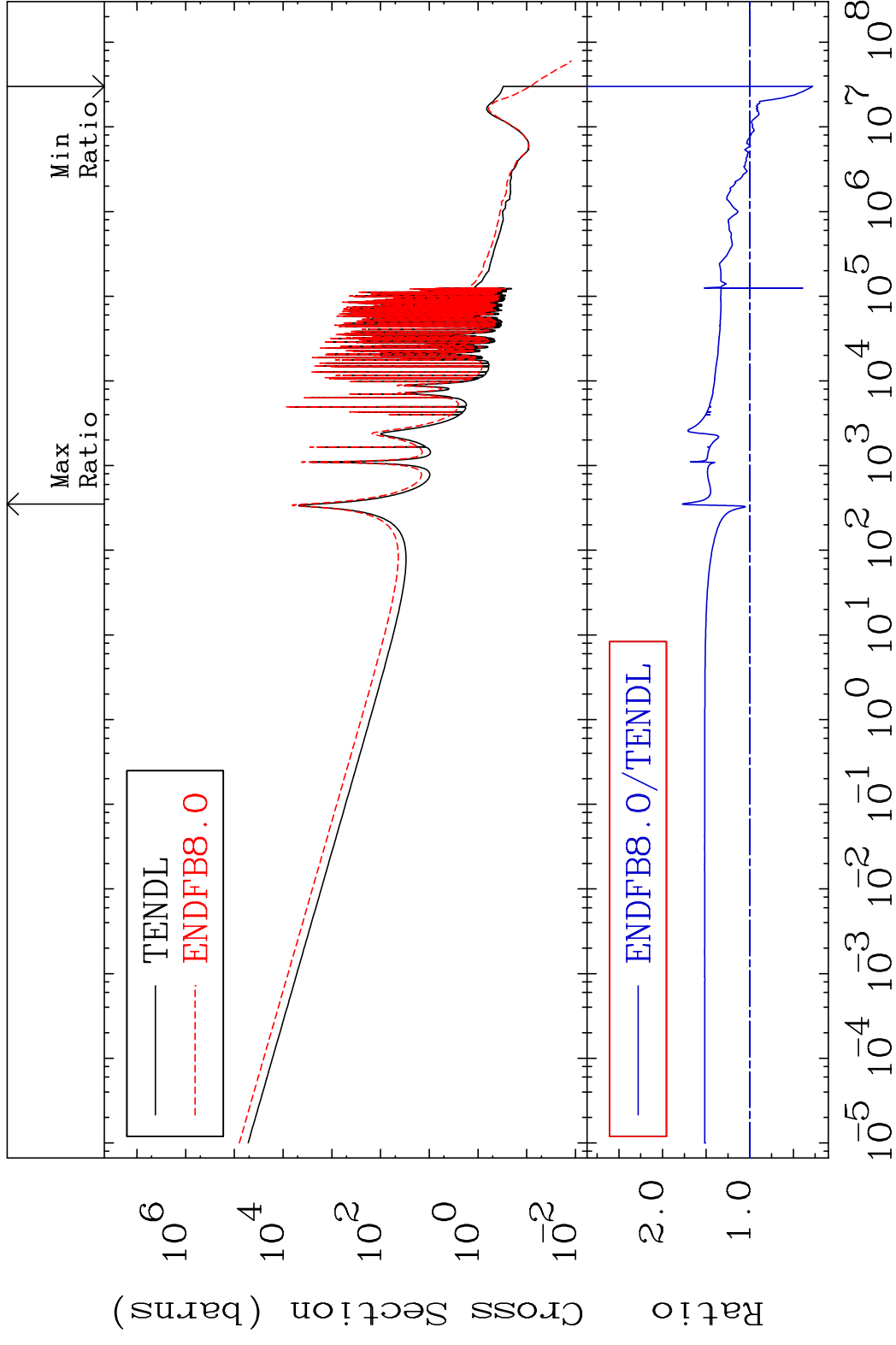
MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 41.20 %



MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
 Cross Section -100.0 To 41.20 %

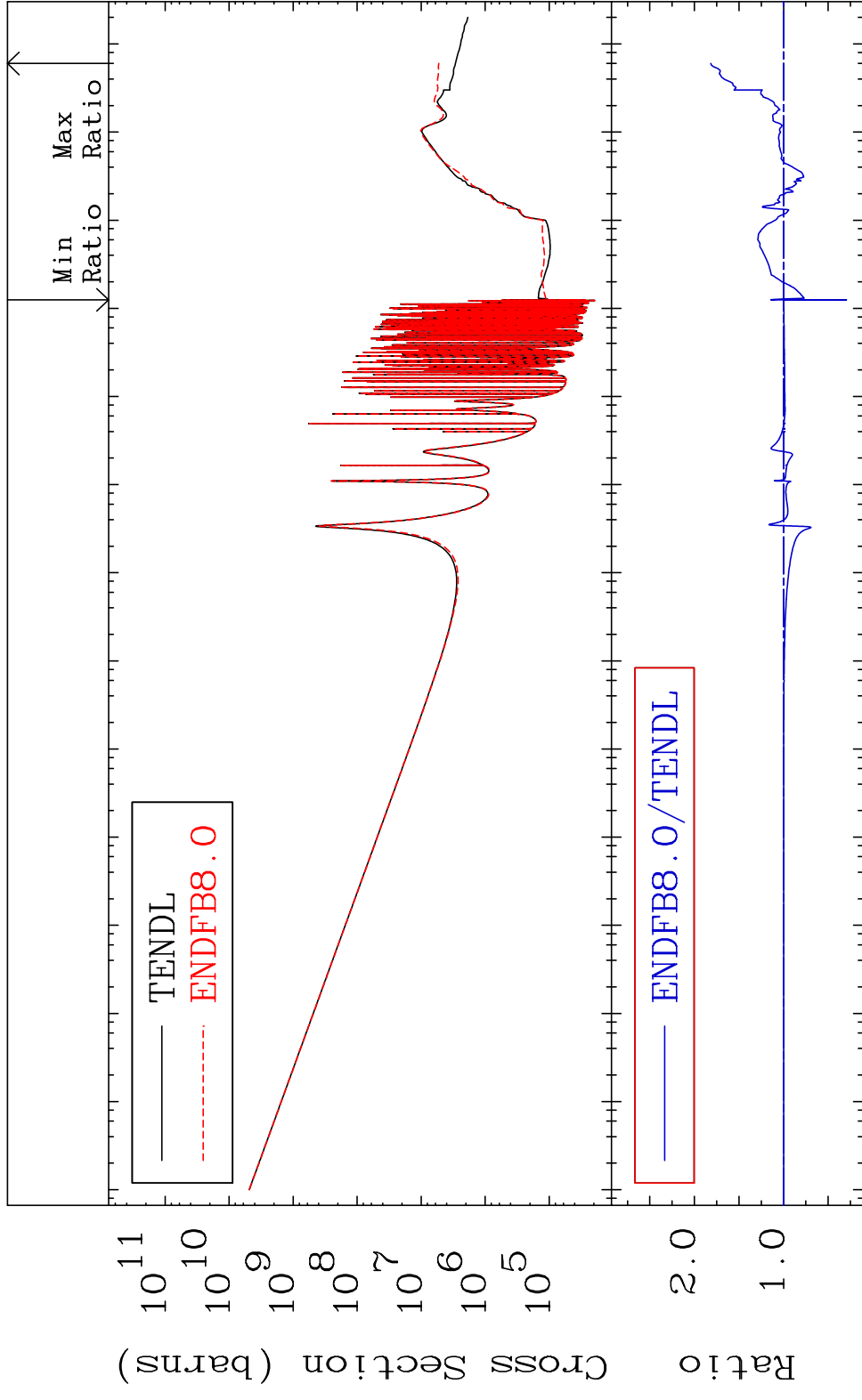


MAT 2525 Kerma capture (mt102) 25-Mn-55
 Cross Section -71.96 To 77.28 %



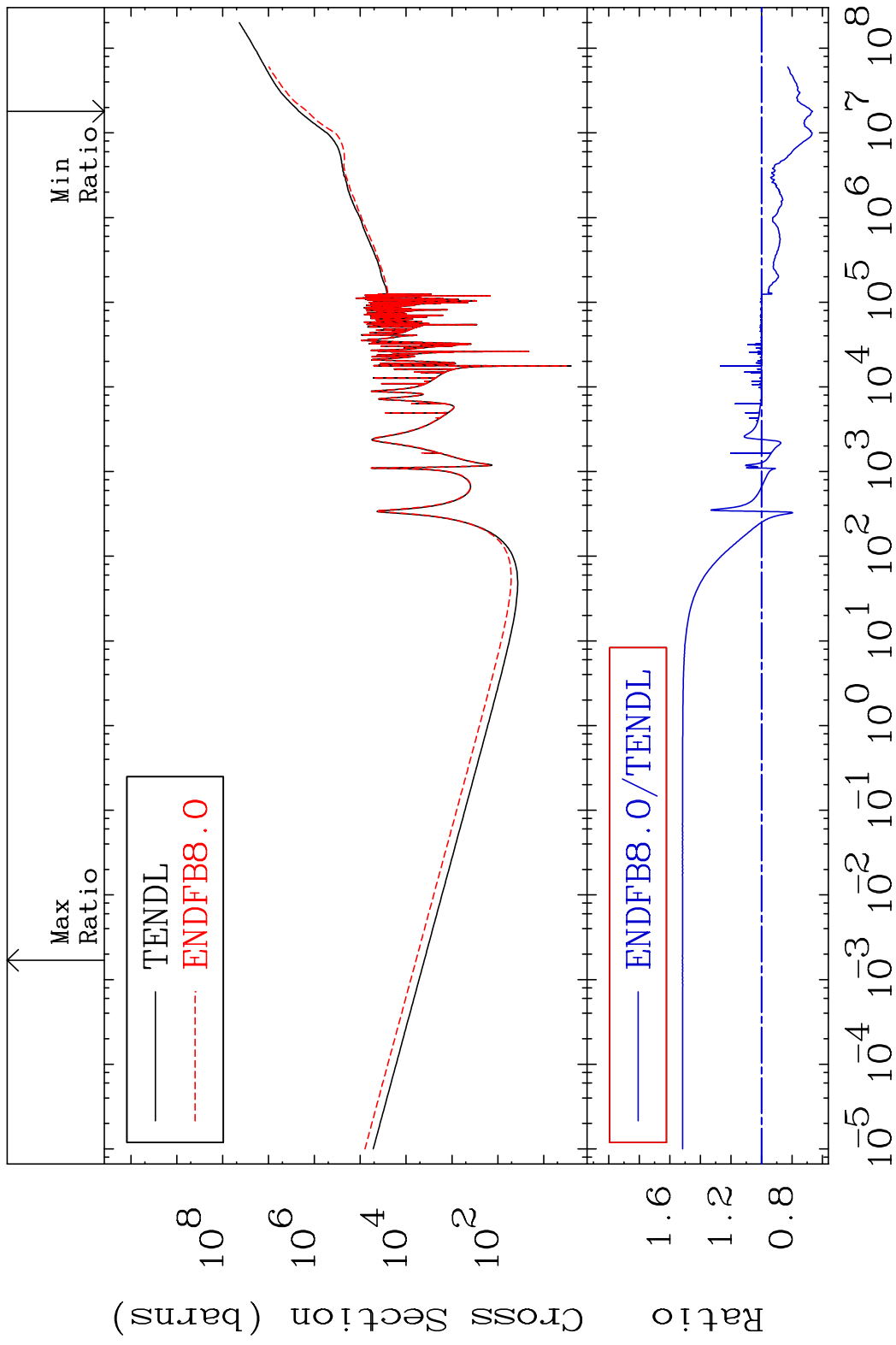
51 Incident Energy (eV) 25-Mn-55

MAT 2525 Total photon (eV-barns) 25-Mn-55
 Cross Section -70.39 To 81.69 %

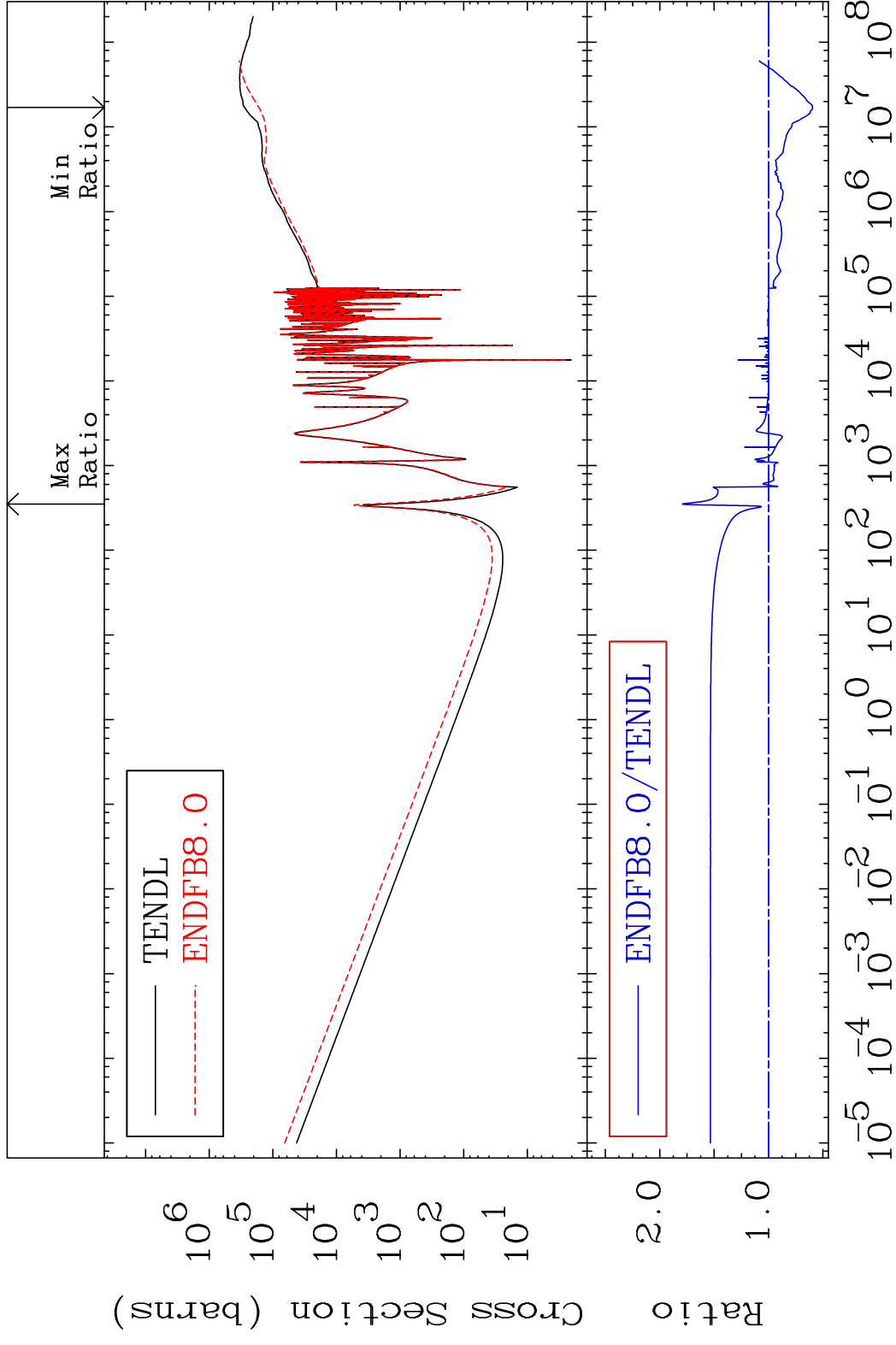


52 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -33.48 To 51.79 %



MAT 2525 Dpa total (eV-barns) 25-Mn-55
 Cross Section -40.46 To 79.24 %

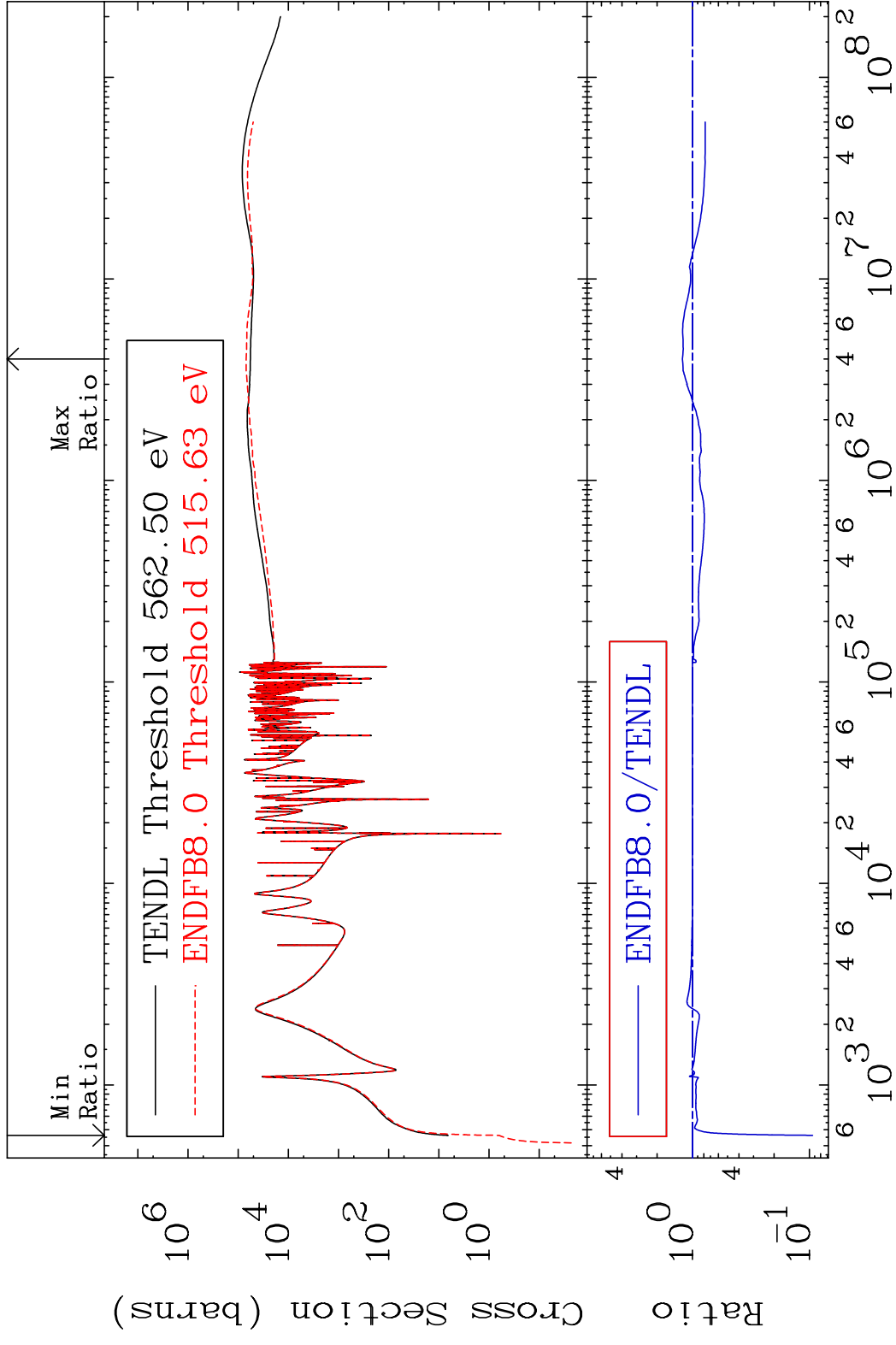


MAT 2525

Dpa elastic (mt2)

25-Mn-55

Cross Section -90.61 To 21.83 %

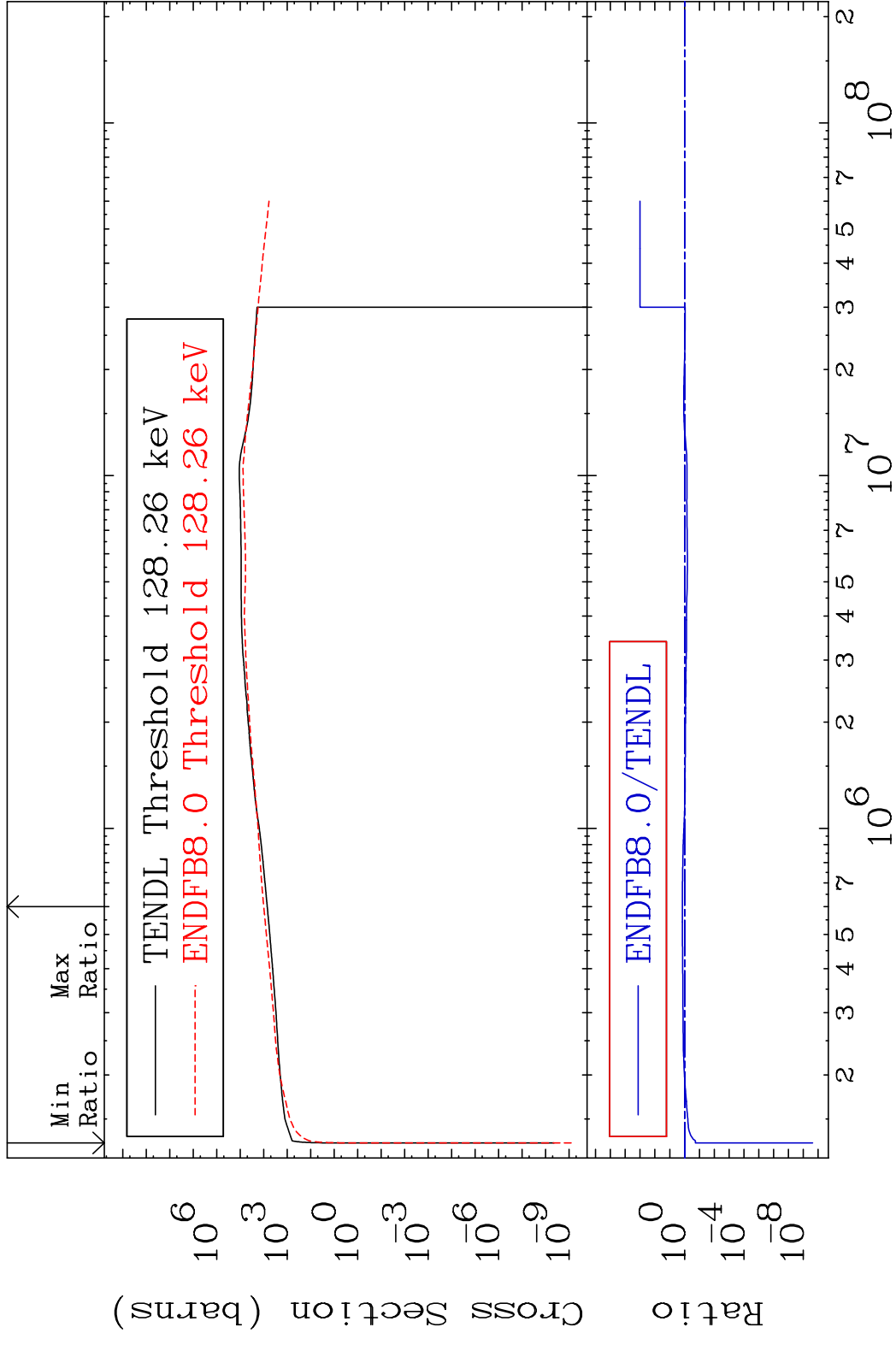


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Incident Energy (eV)

25-Mn-55

MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 41.26 %



MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -90.32 To 79.24 %

