

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

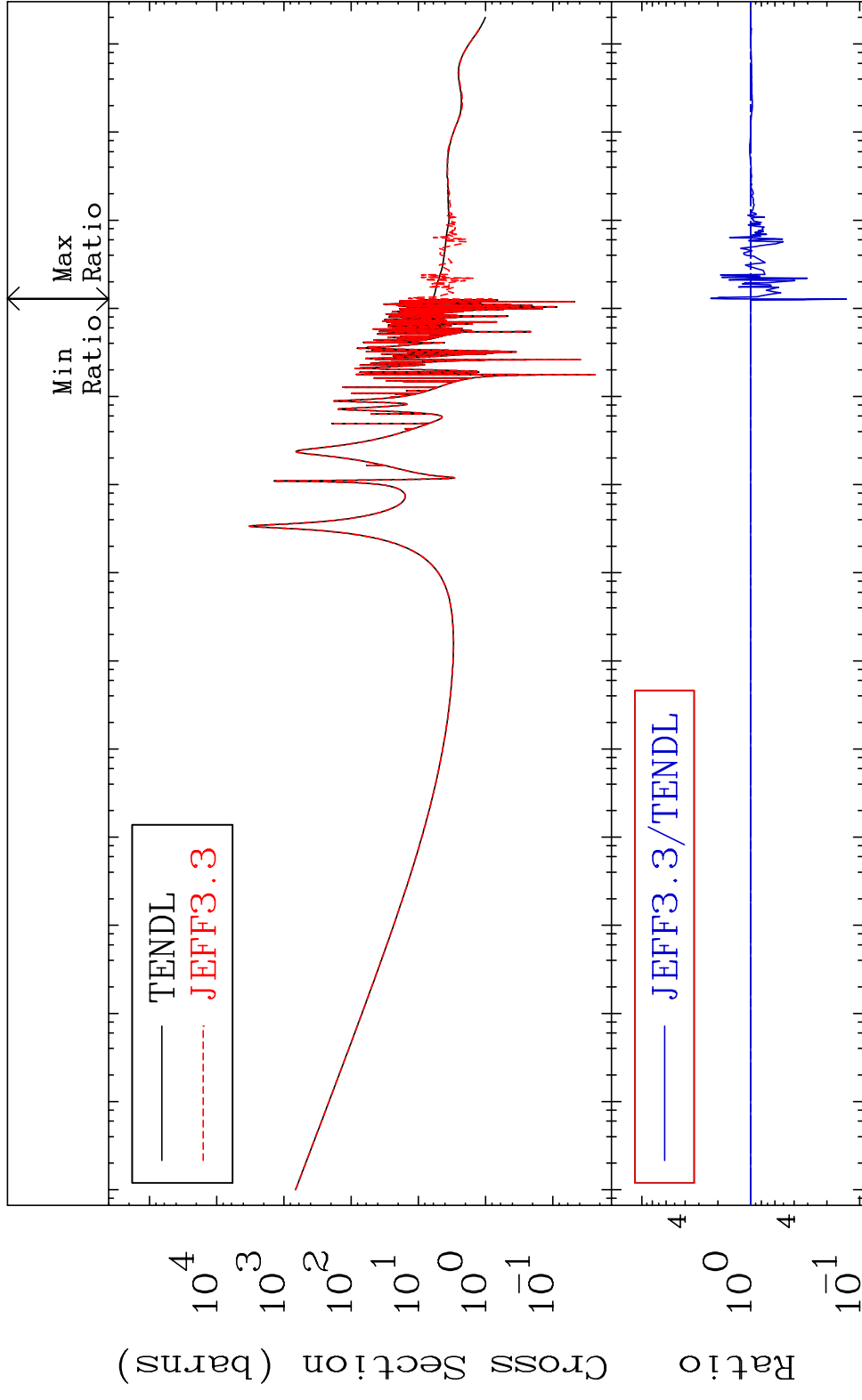
MAT 2525

Total

25-Mn-55

Cross Section

-86.76 To 133.1 %

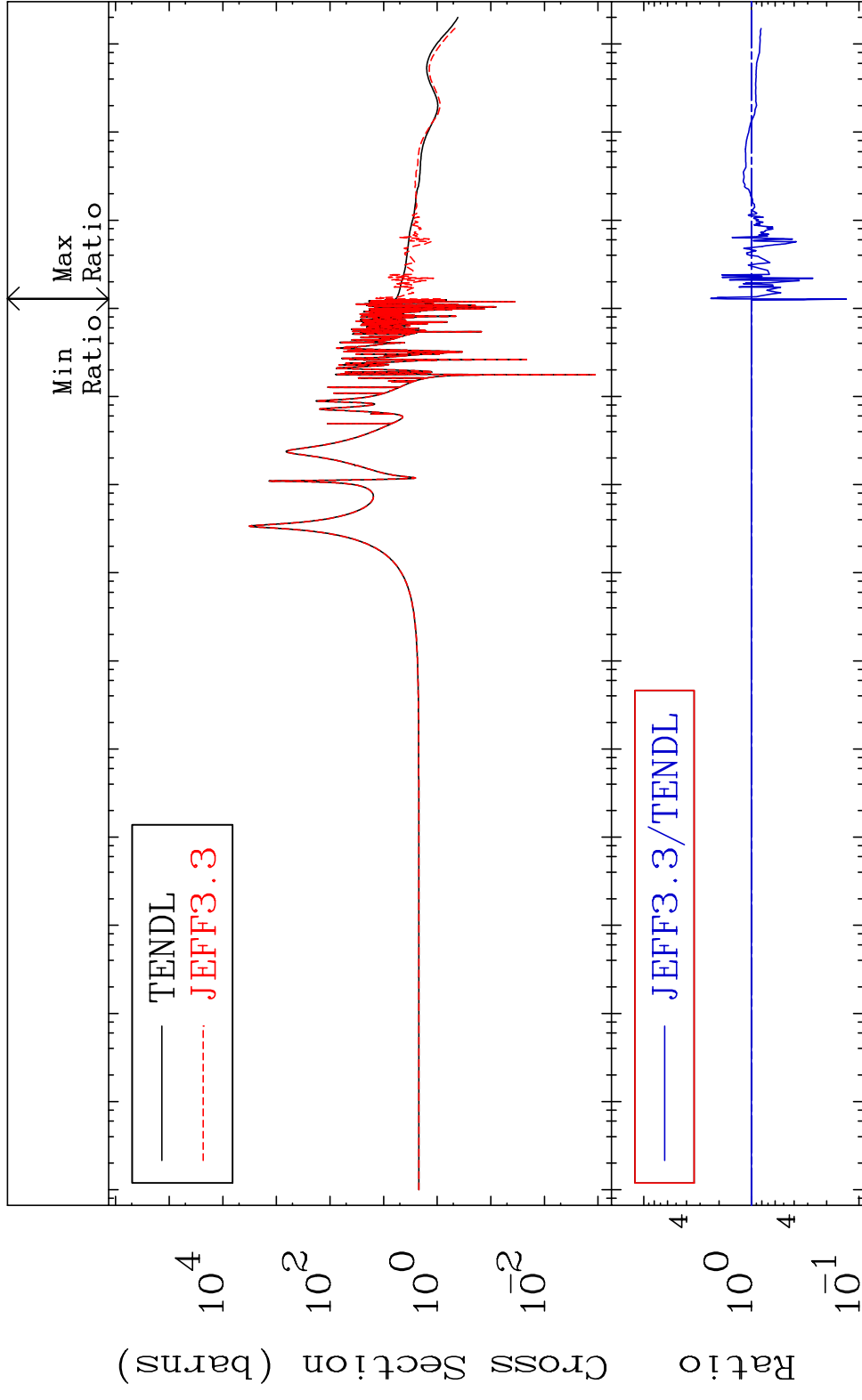


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

Incident Energy (eV)

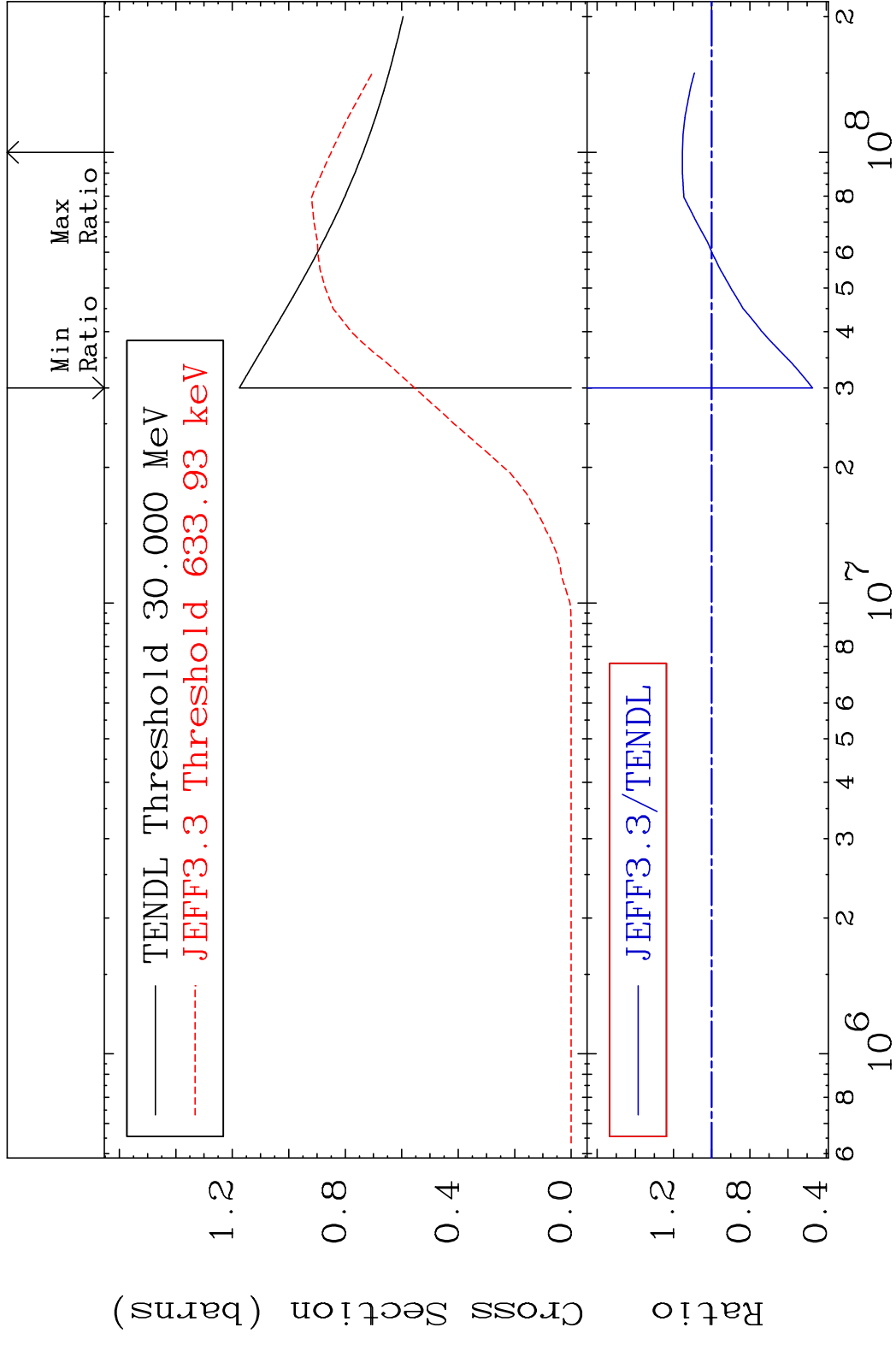
25-Mn-55

MAT 2525 Elastic 25-Mn-55
 Cross Section -86.89 To 138.6 %



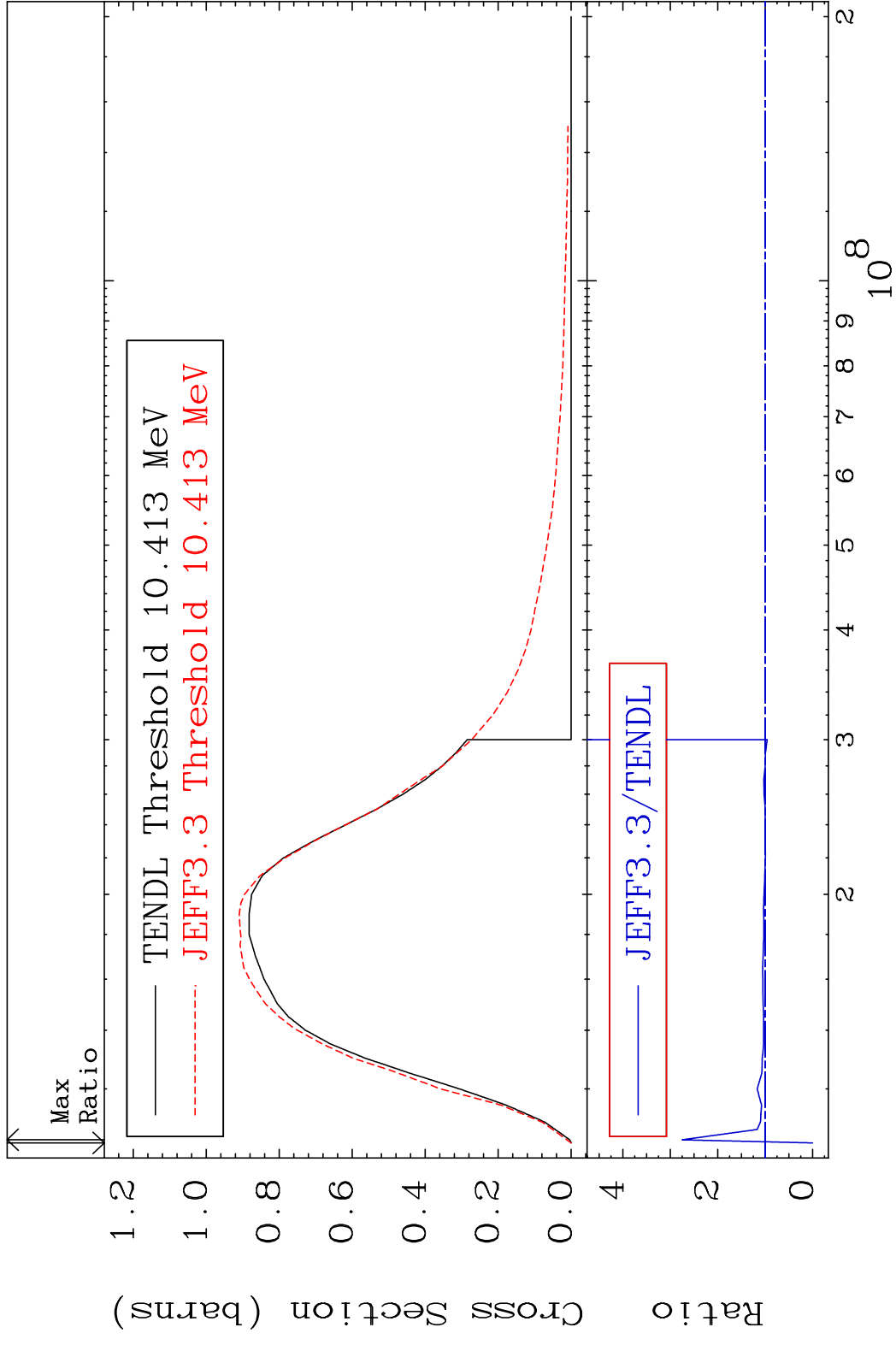
2 Incident Energy (eV) 25-Mn-55

MAT 2525 (n, remainder) 25-Mn-55
 Cross Section -52.83 To 15.36 %

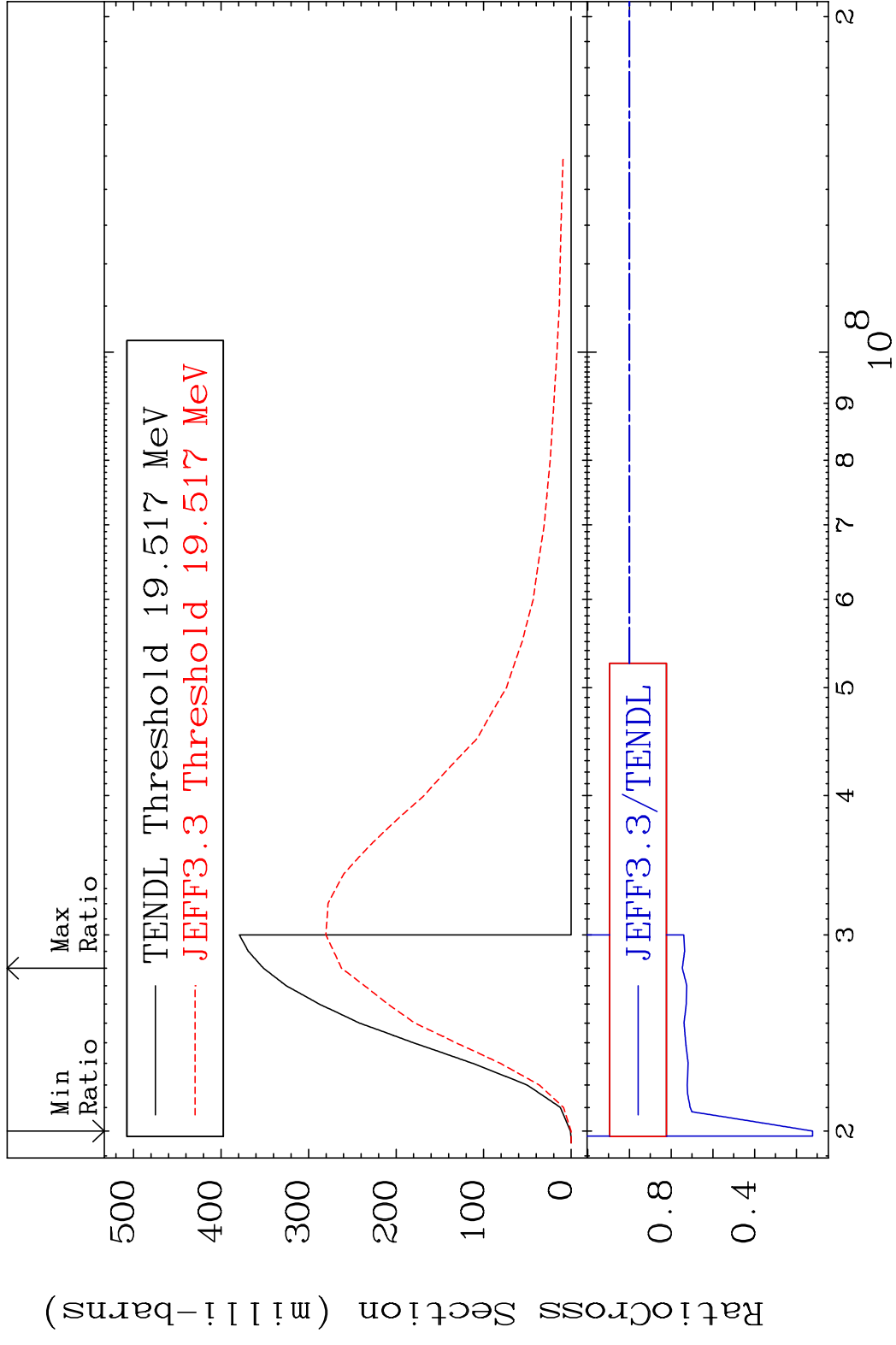


4 Incident Energy (eV) 25-Mn-55

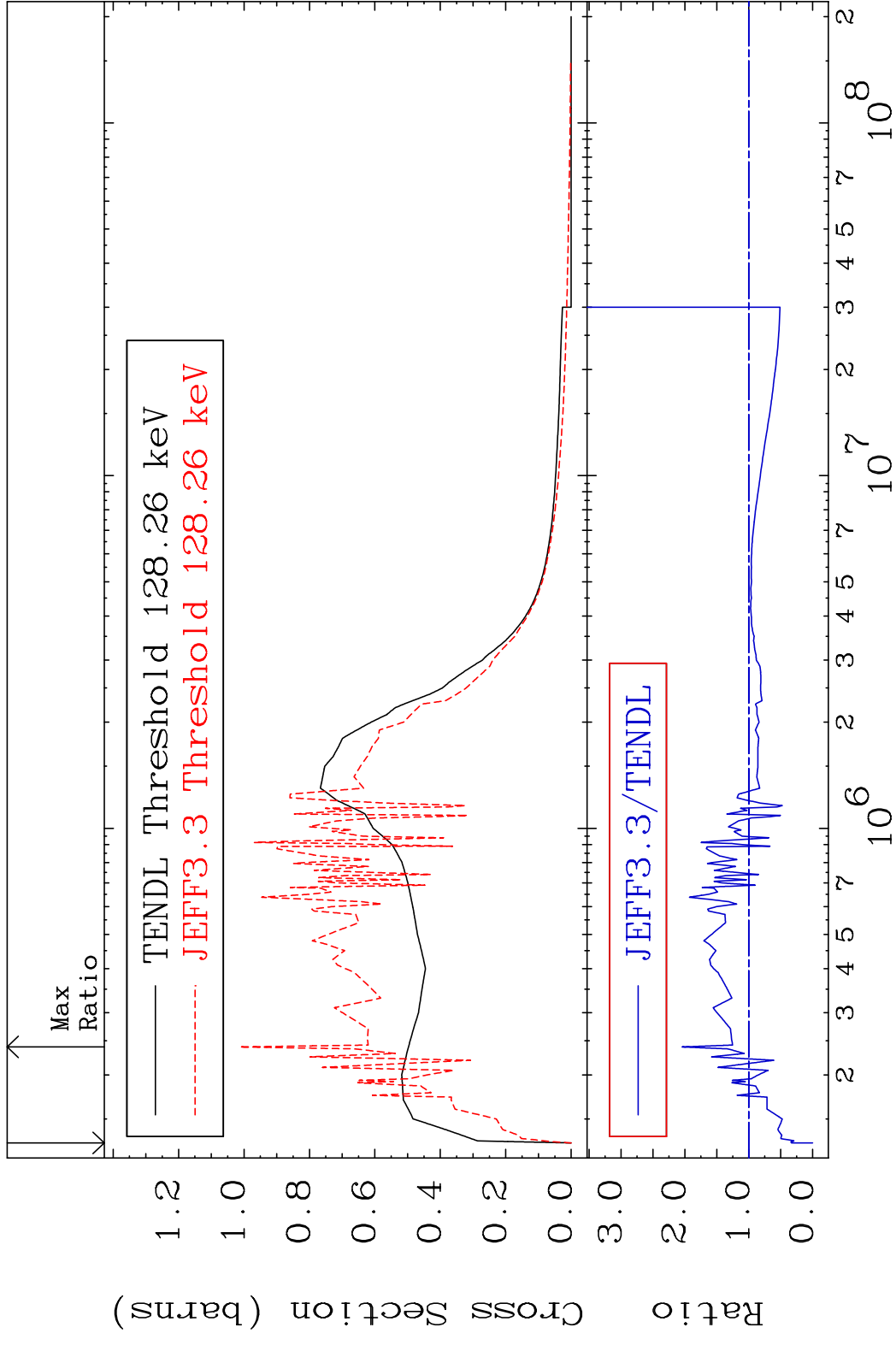
MAT 2525 (n,2n) 25-Mn-55
 Cross Section -100.0 To 174.5 %



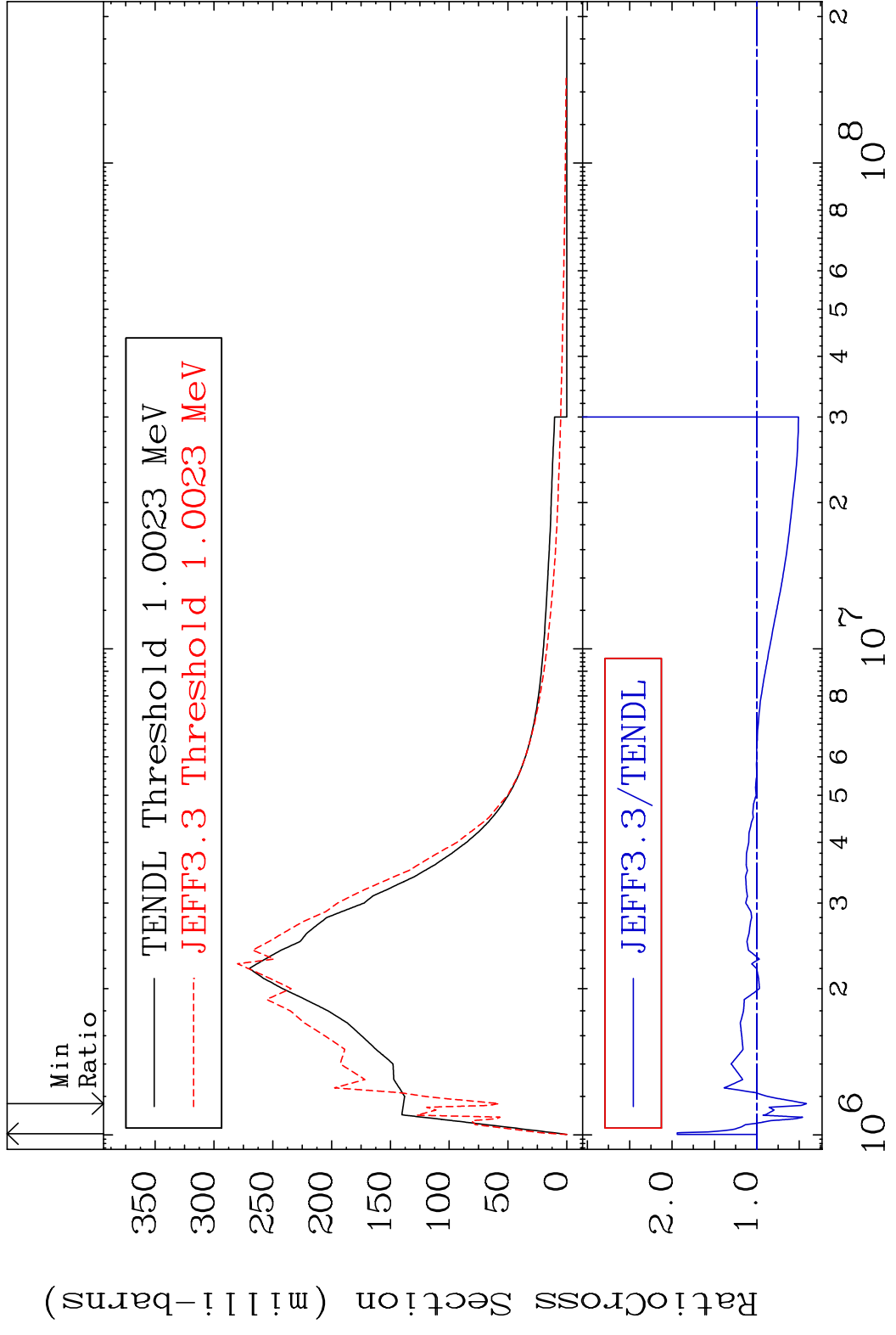
MAT 2525 (n,3n) 25-Mn-55
 Cross Section -87.78 To -25.36%



MAT 2525 MT= 51 (n,n') Level 25-Mn-55
 Cross Section -100.0 To 104.0 %

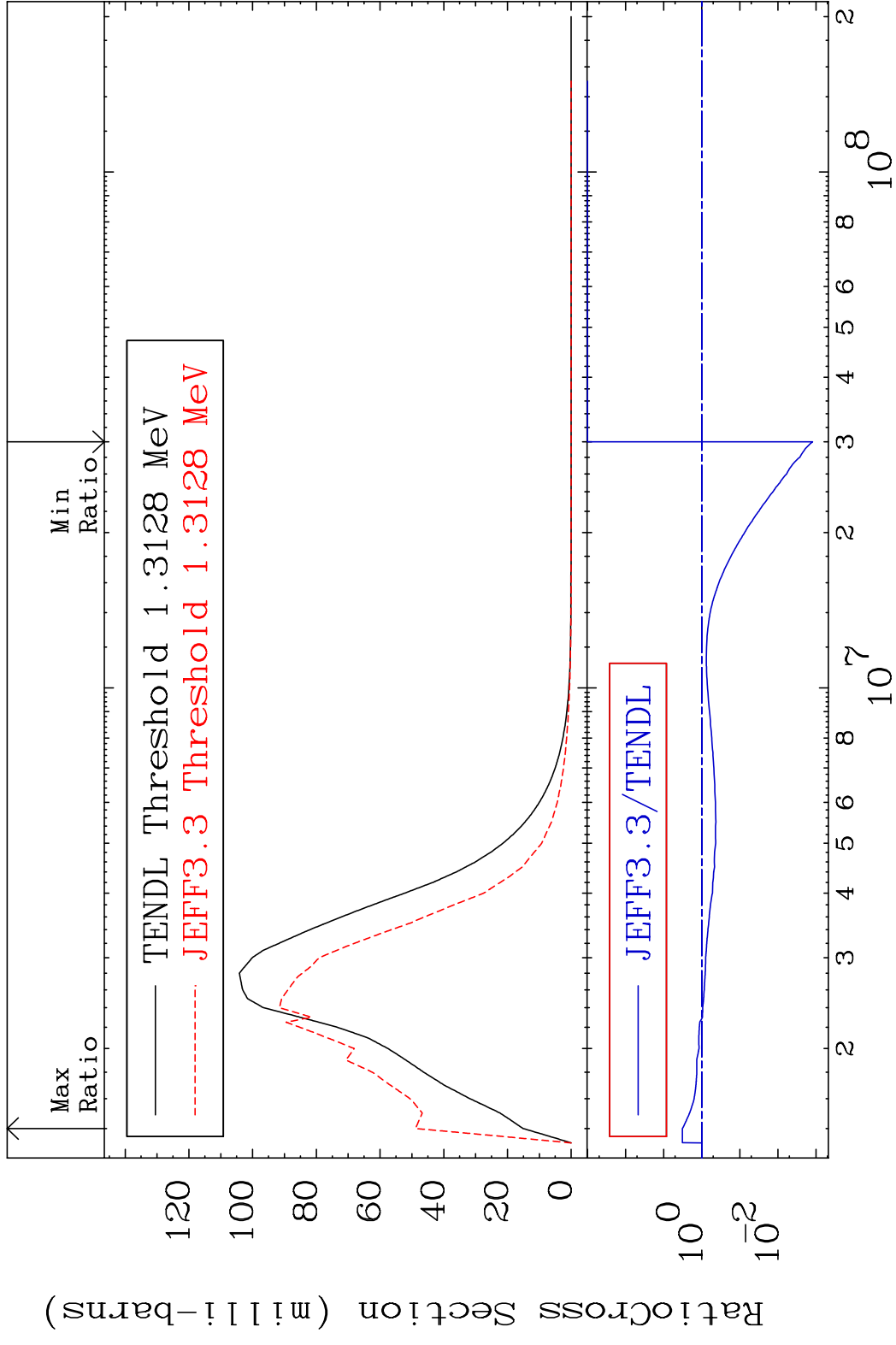


MAT 2525 MT= 52 (n,n') Level 25-Mn-55
 Cross Section -58.45 To 93.99 %

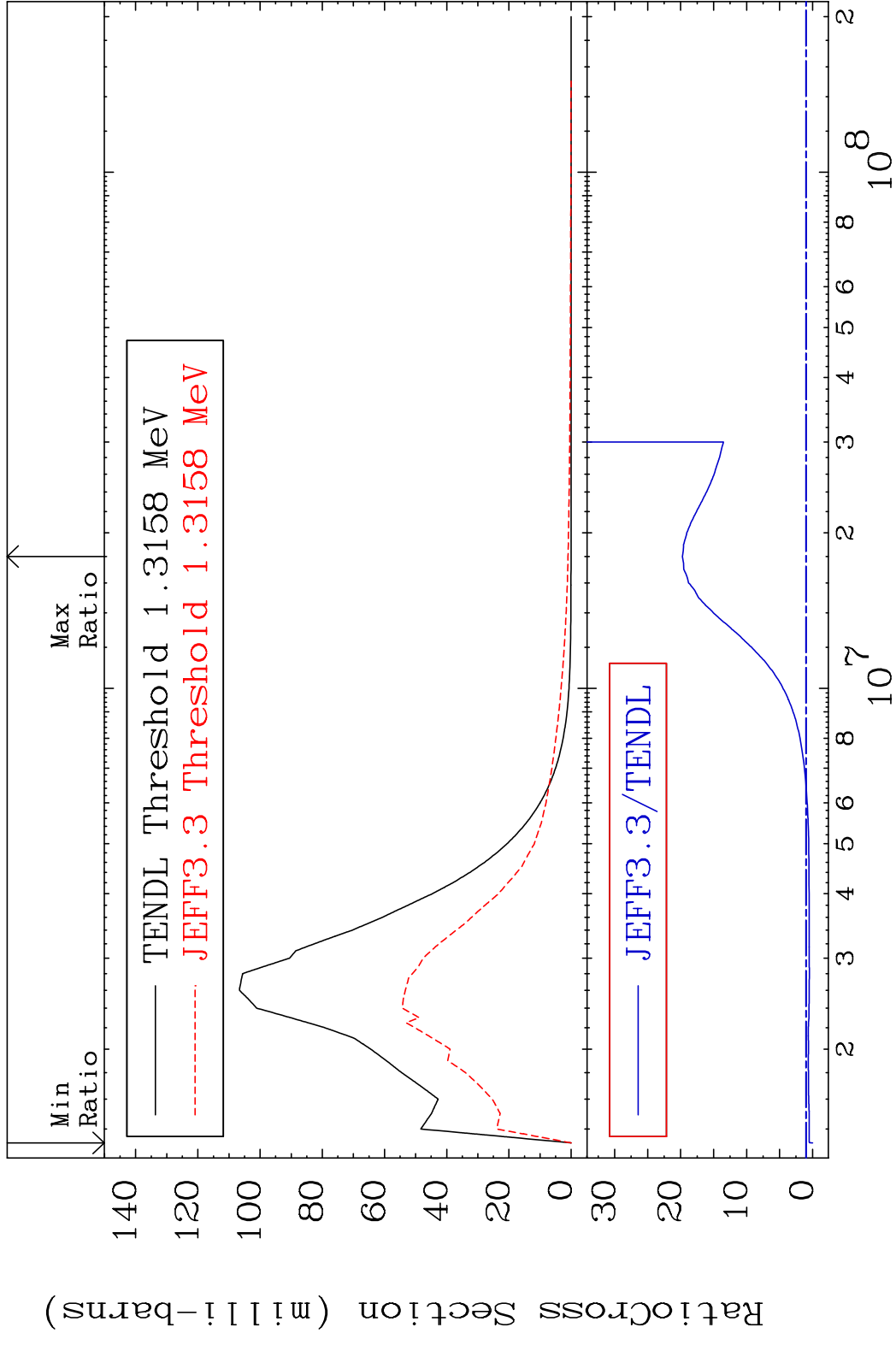


8 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 53 (n, n') Level 25-Mn-55
 Cross Section -99.88 To 223.7 %

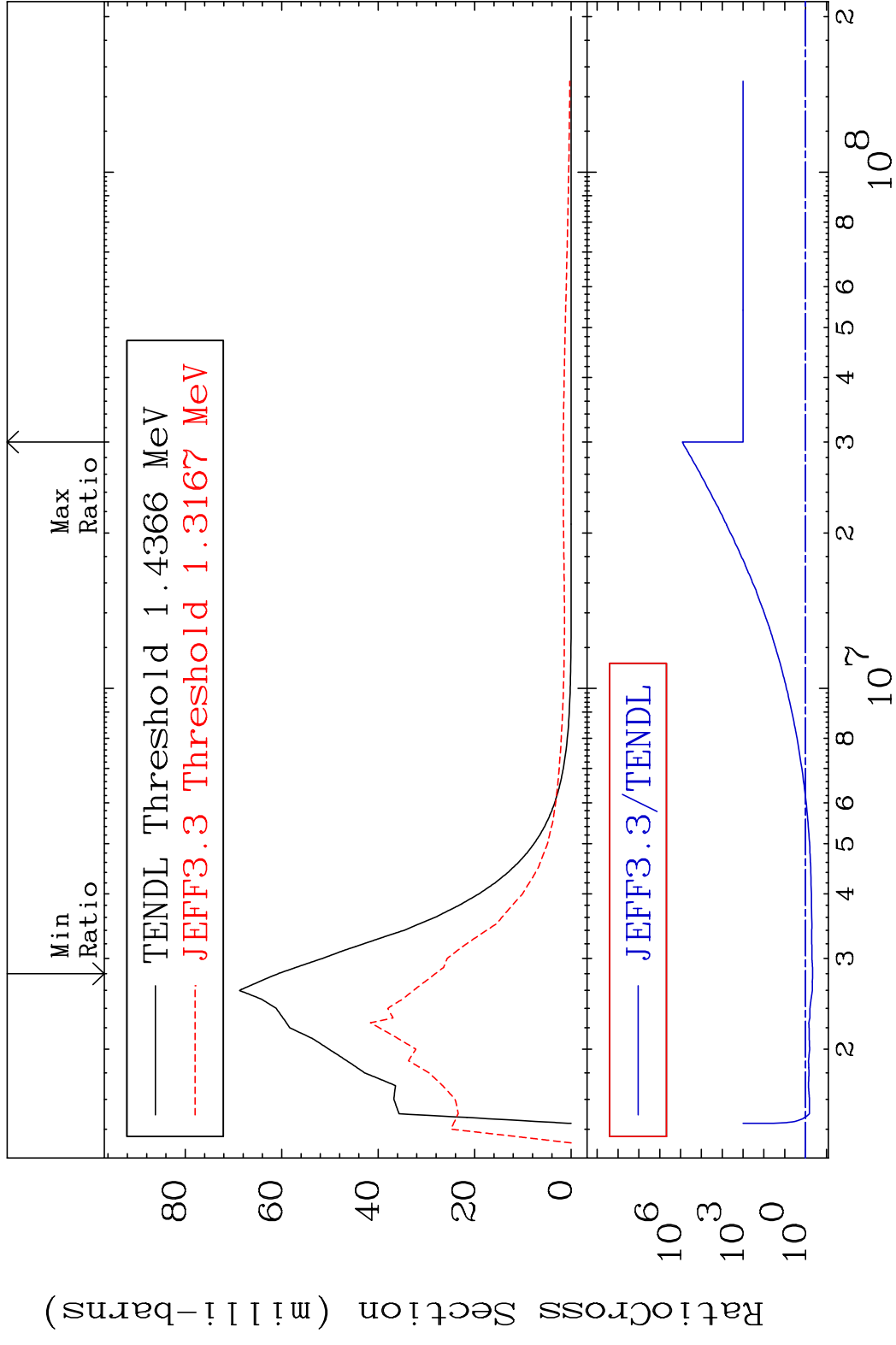


MAT 2525 MT= 54 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 1874. %

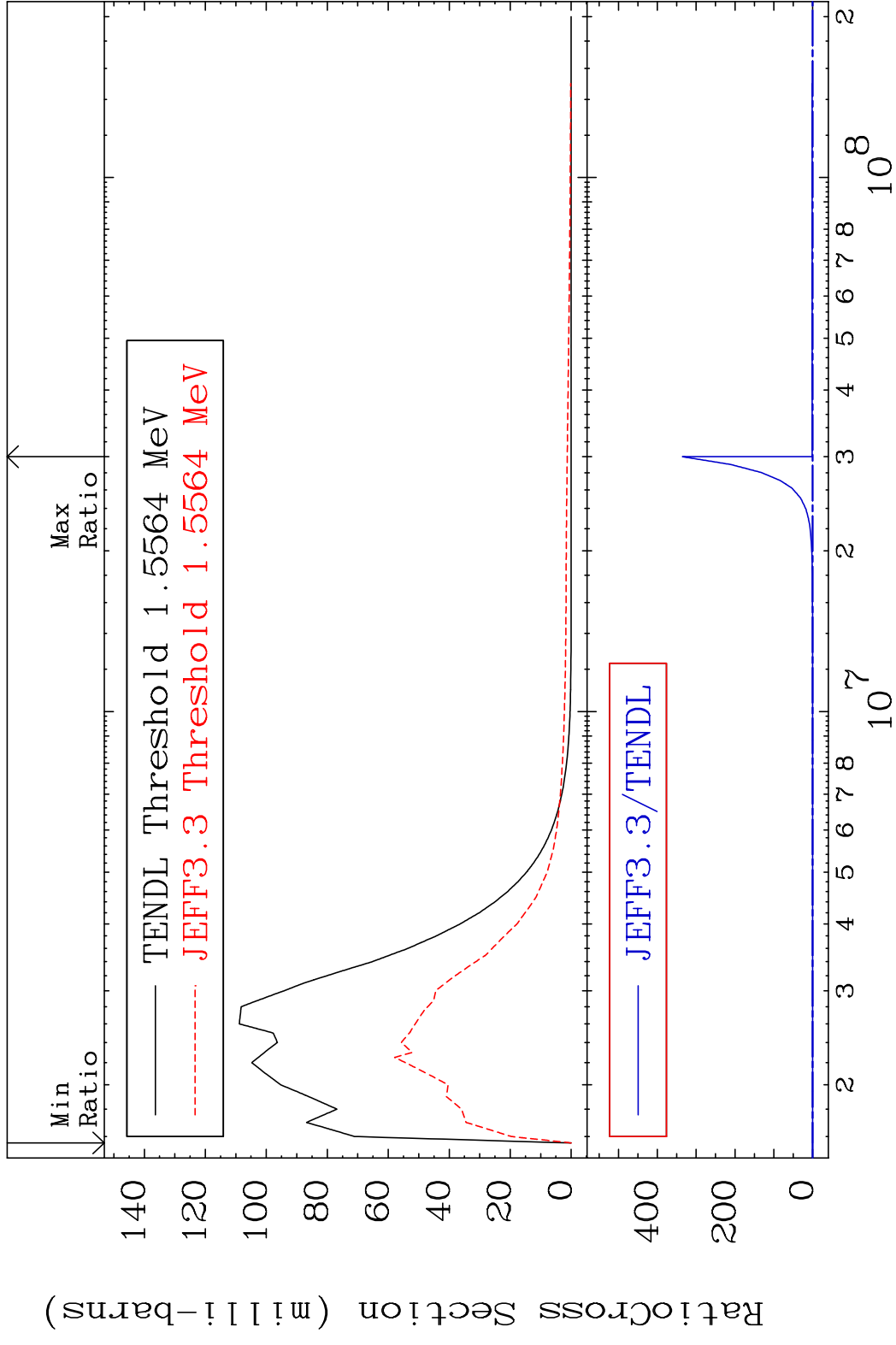


10 Incident Energy (eV) 25-Mn-55

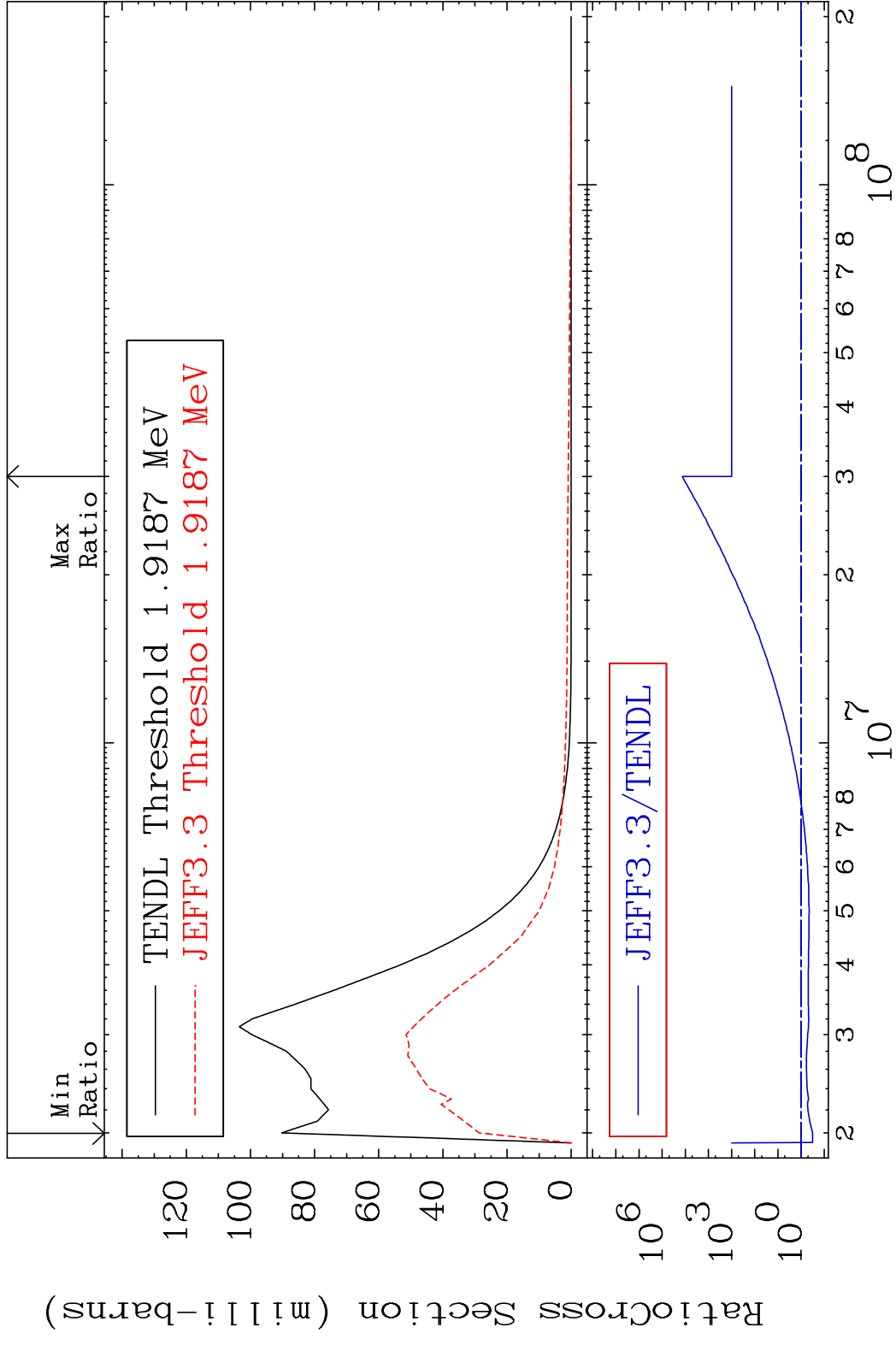
MAT 2525 MT= 55 (n, n') Level 25-Mn-55
 Cross Section -53.66 To 9999. %



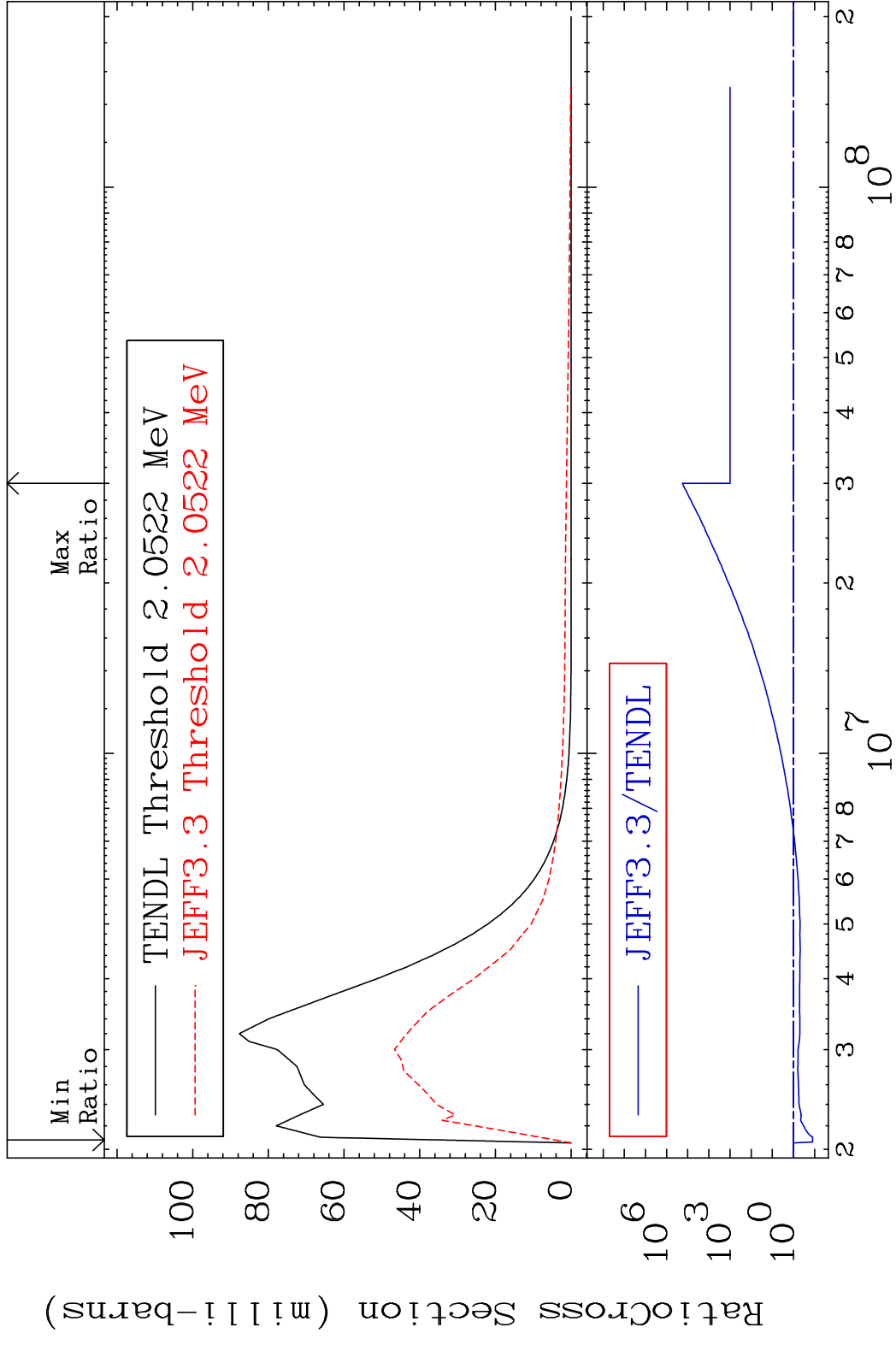
MAT 2525 MT= 56 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



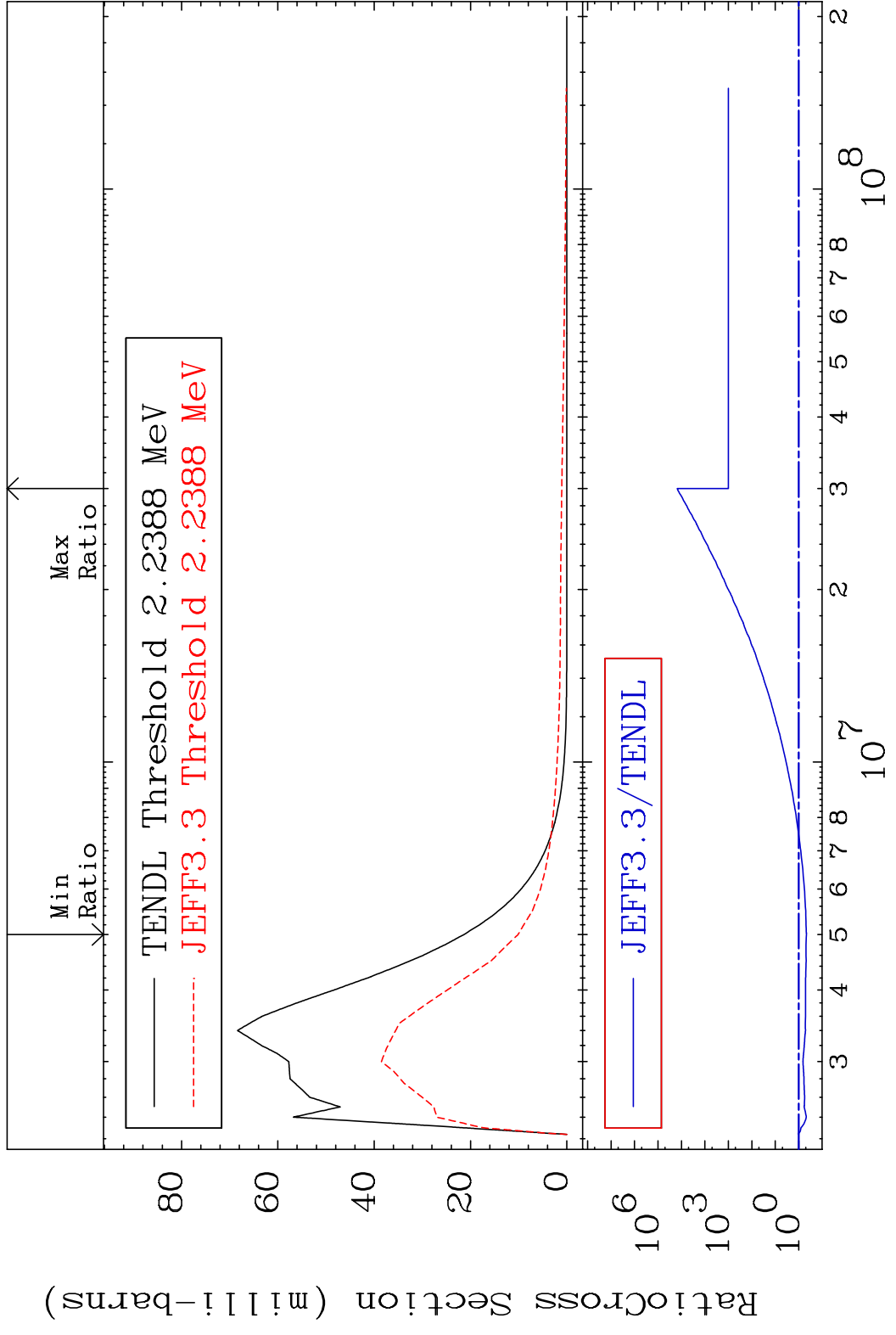
MAT 2525 MT= 57 (n, n') Level 25-Mn-55
 Cross Section -68.16 To 9999. %



MAT 2525 MT= 58 (n, n') Level 25-Mn-55
 Cross Section -87.58 To 9999. %

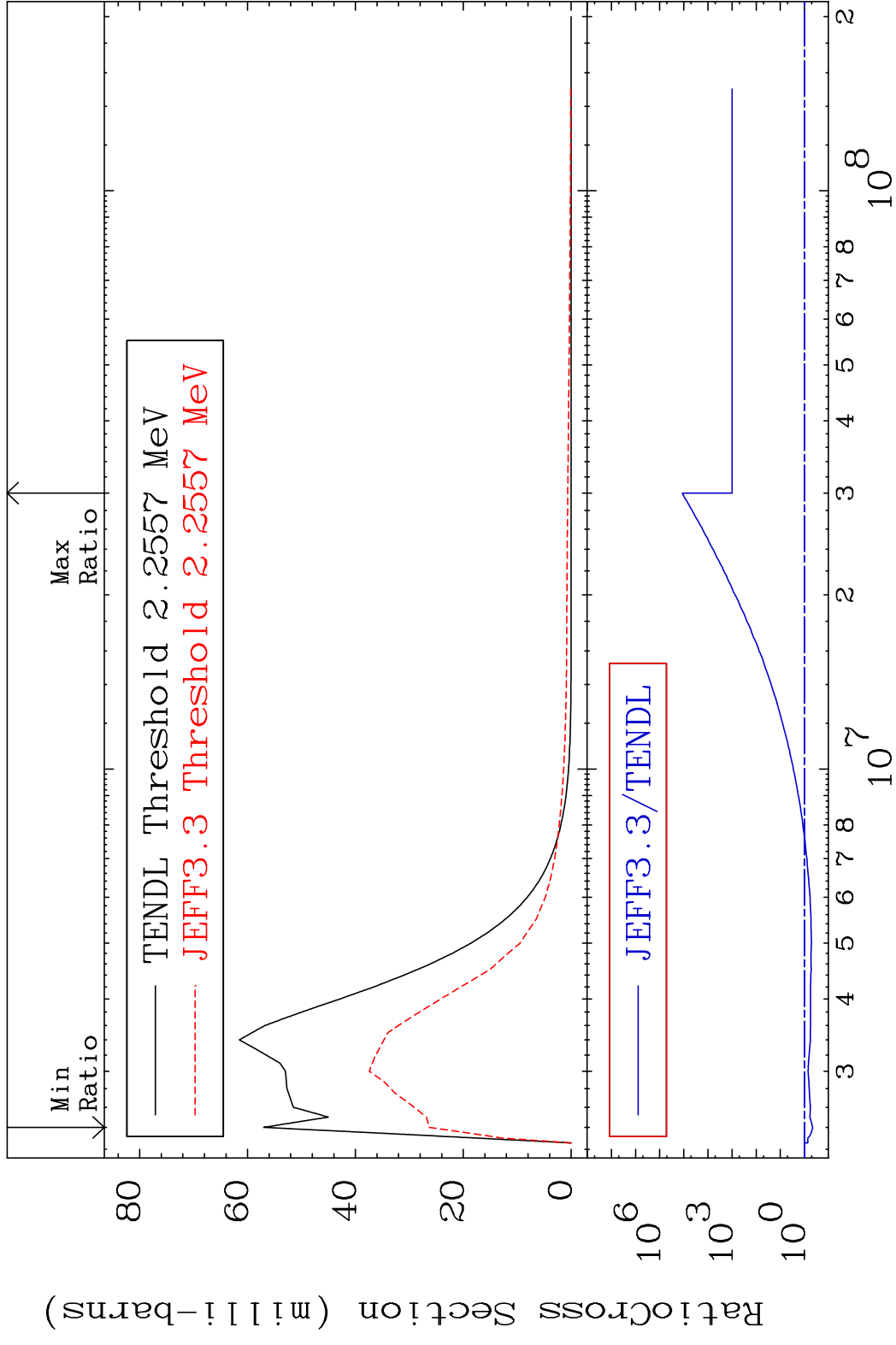


MAT 2525 MT= 59 (n, n') Level 25-Mn-55
 Cross Section -52.63 To 9999. %

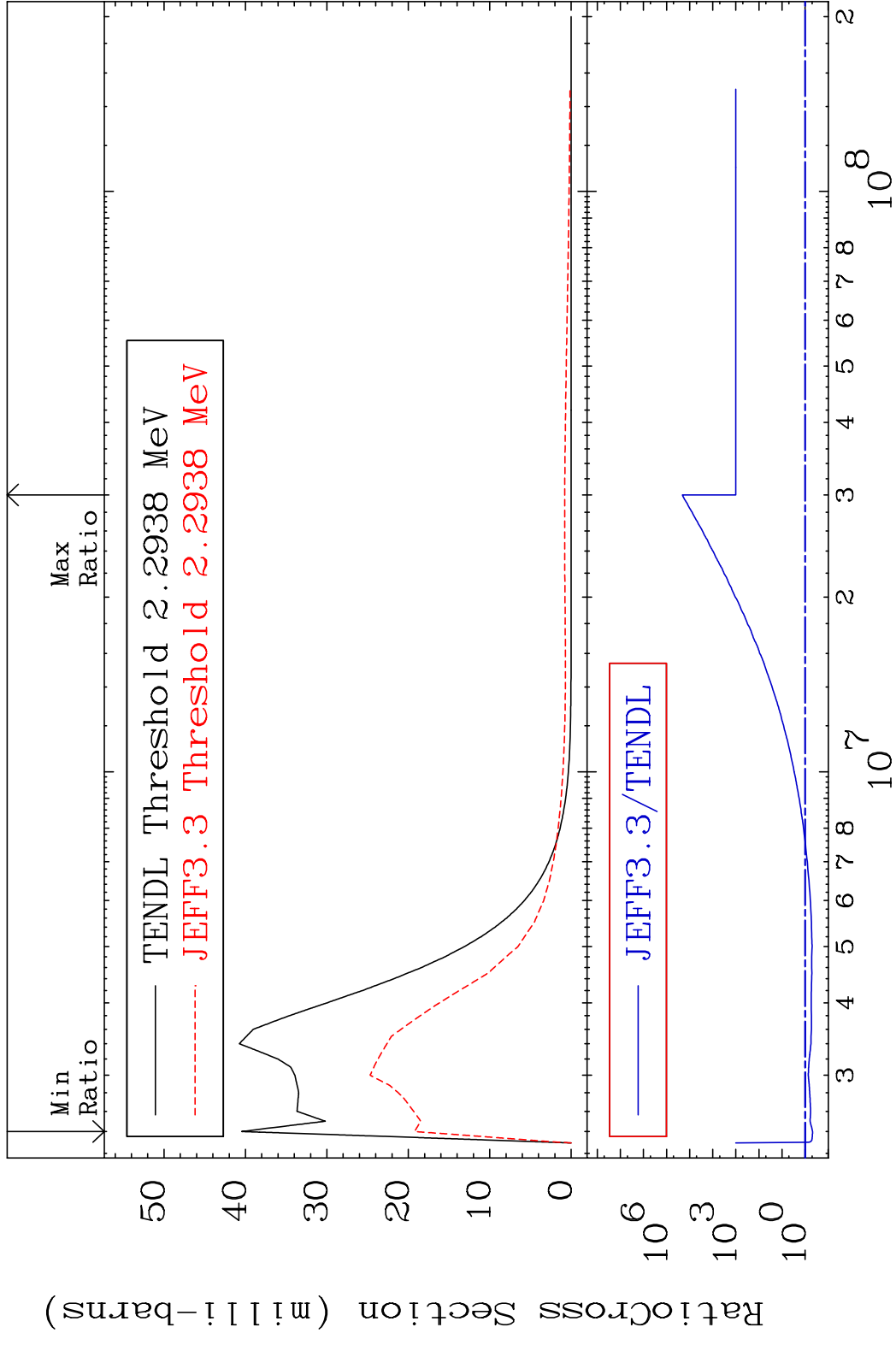


15 Incident Energy (eV) 25-Mn-55

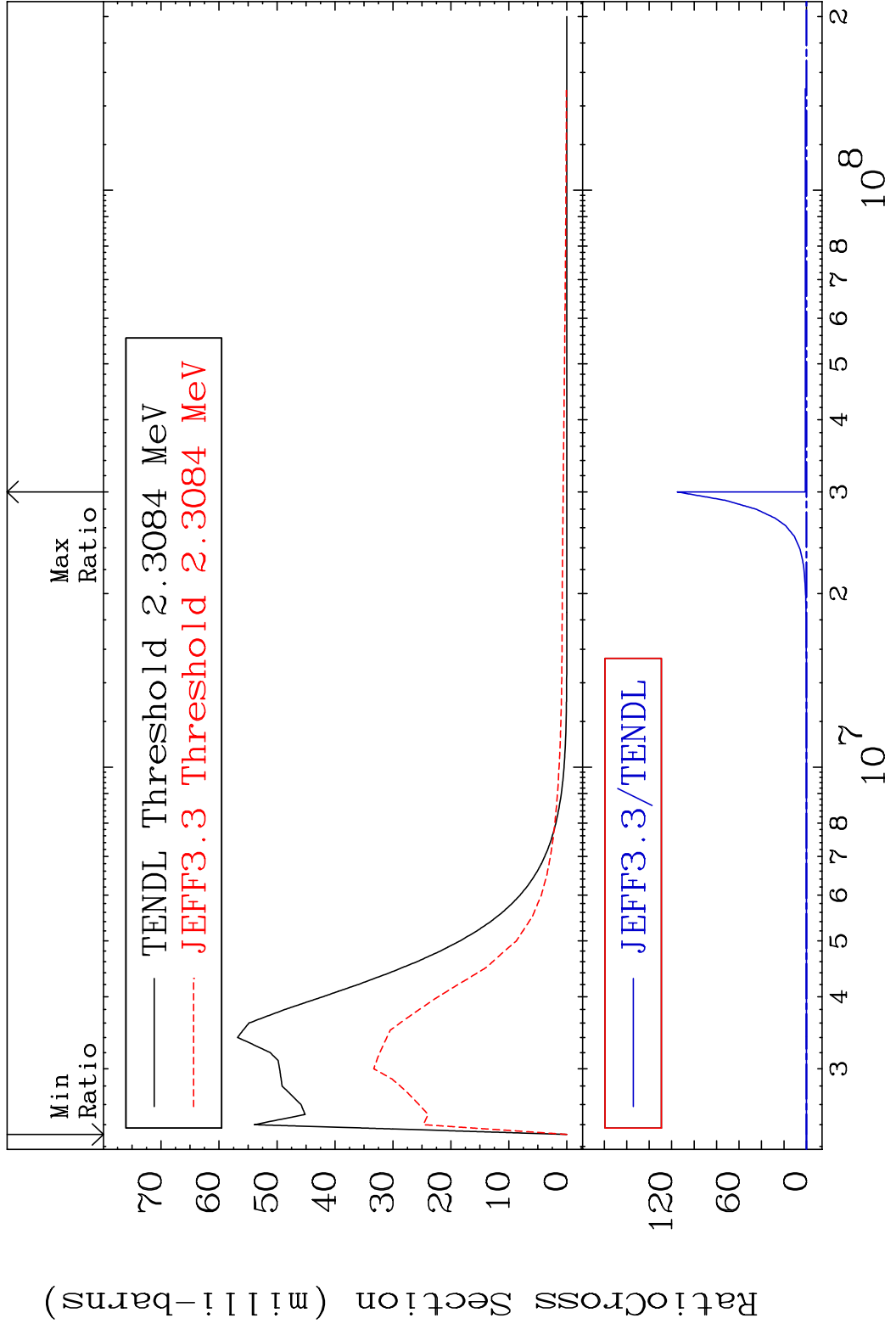
MAT 2525 MT= 60 (n, n') Level 25-Mn-55
 Cross Section -53.82 To 9999. %



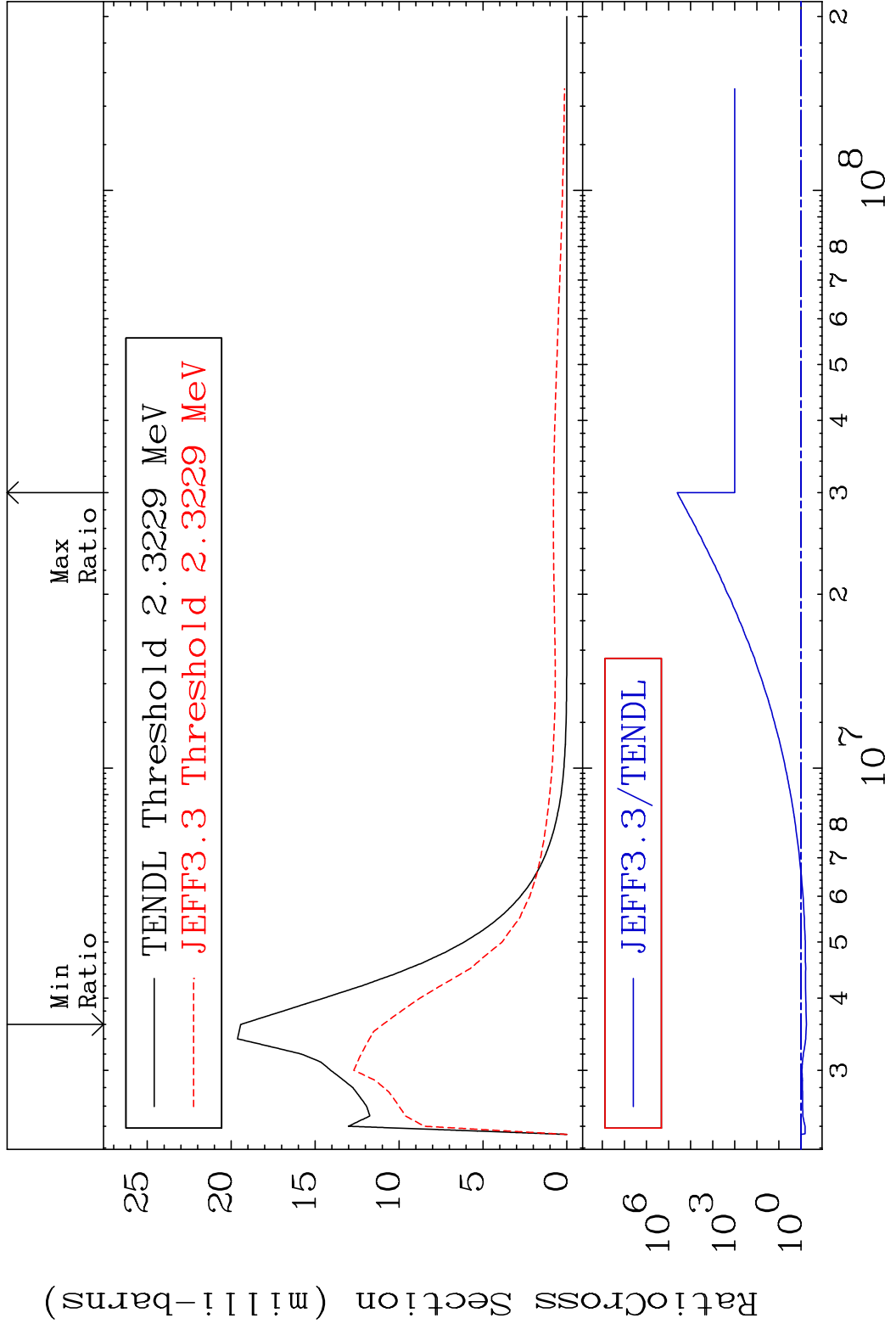
MAT 2525 MT= 61 (n, n') Level 25-Mn-55
 Cross Section -52.43 To 9999. %



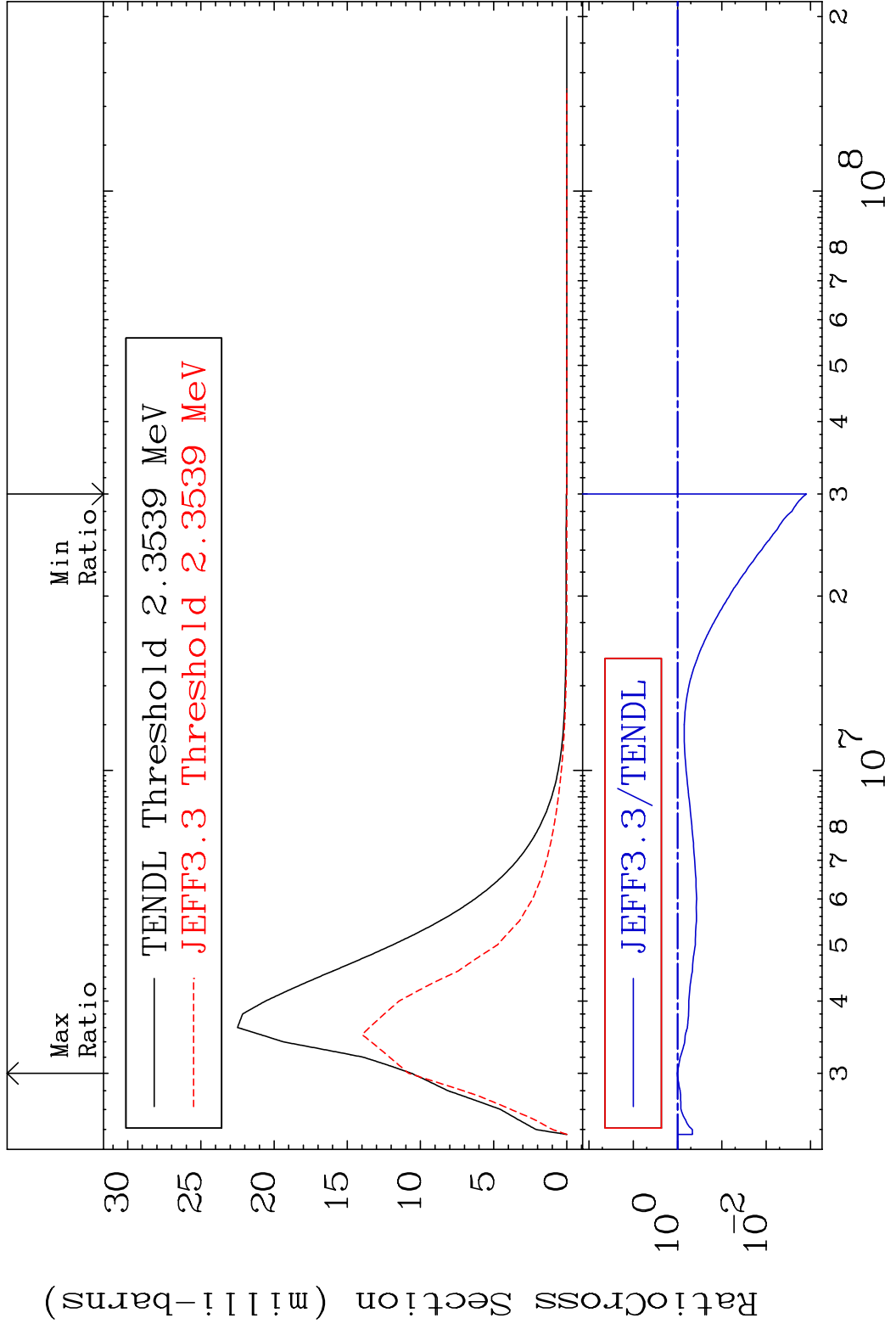
MAT 2525 MT= 62 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 63 (n, n') Level 25-Mn-55
 Cross Section -43.60 To 9999. %

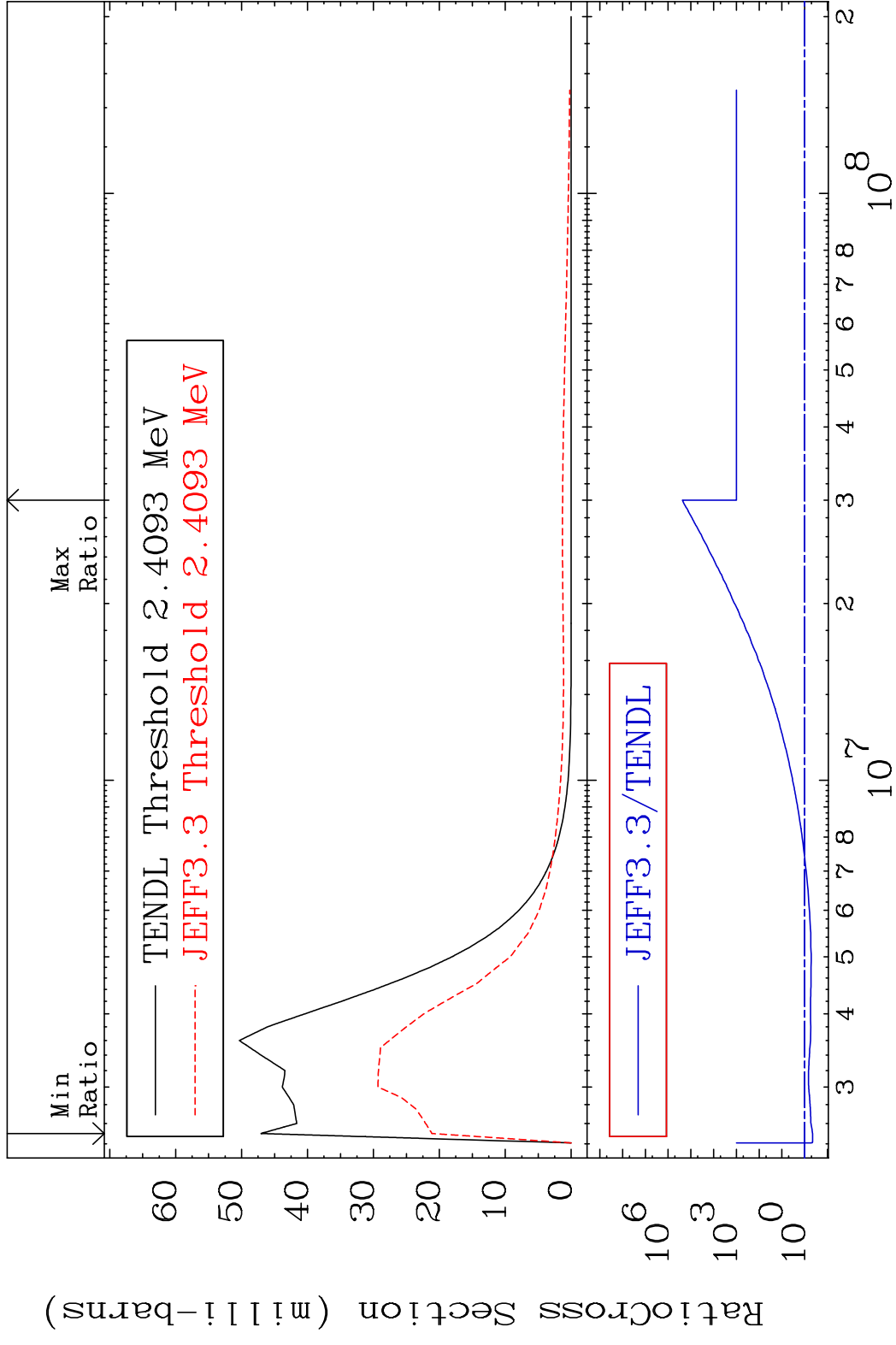


MAT 2525 MT= 64 (n, n') Level 25-Mn-55
 Cross Section -99.88 To 1.971 %

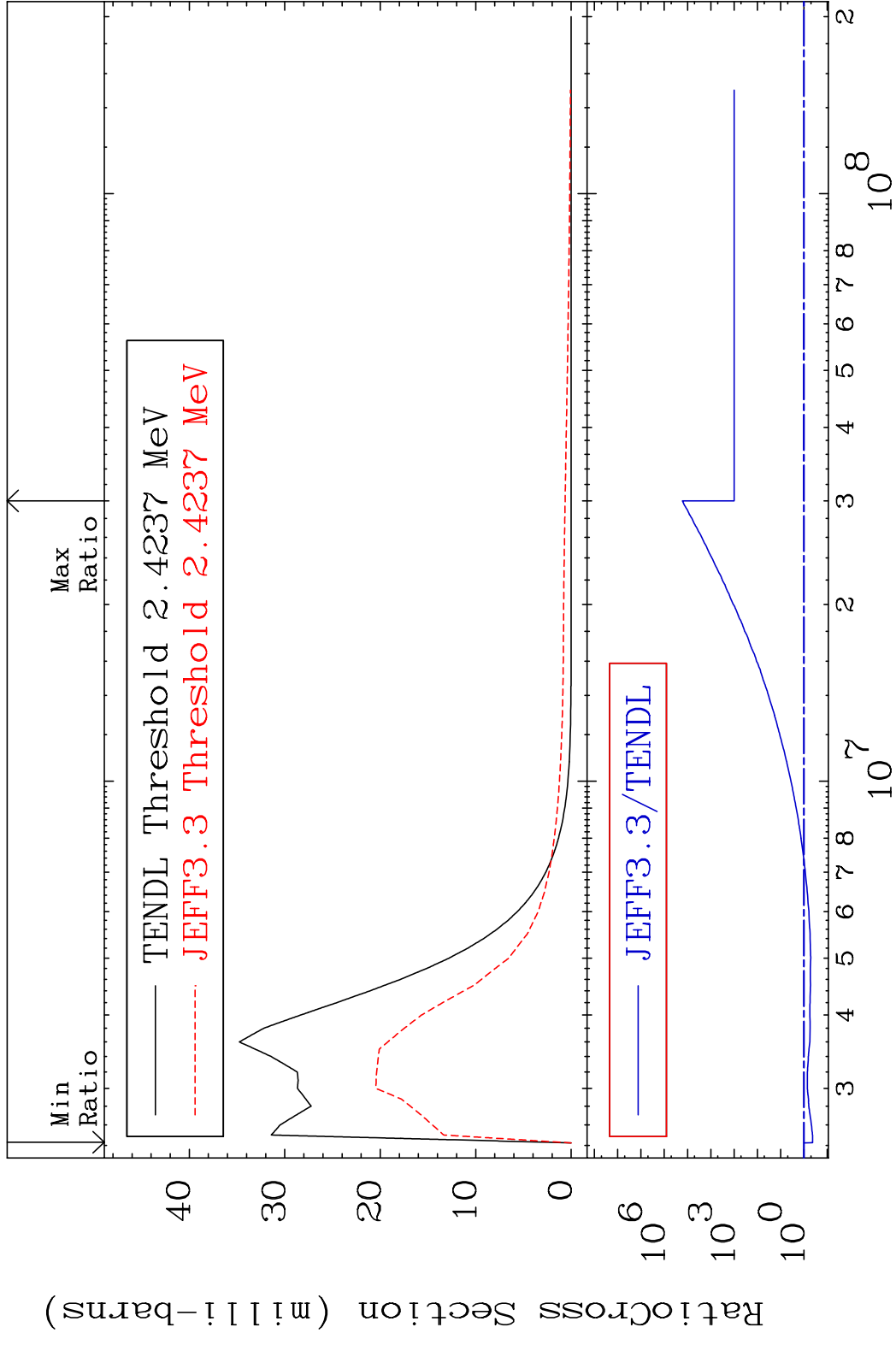


20 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 65 (n, n') Level 25-Mn-55
 Cross Section -55.09 To 9999. %

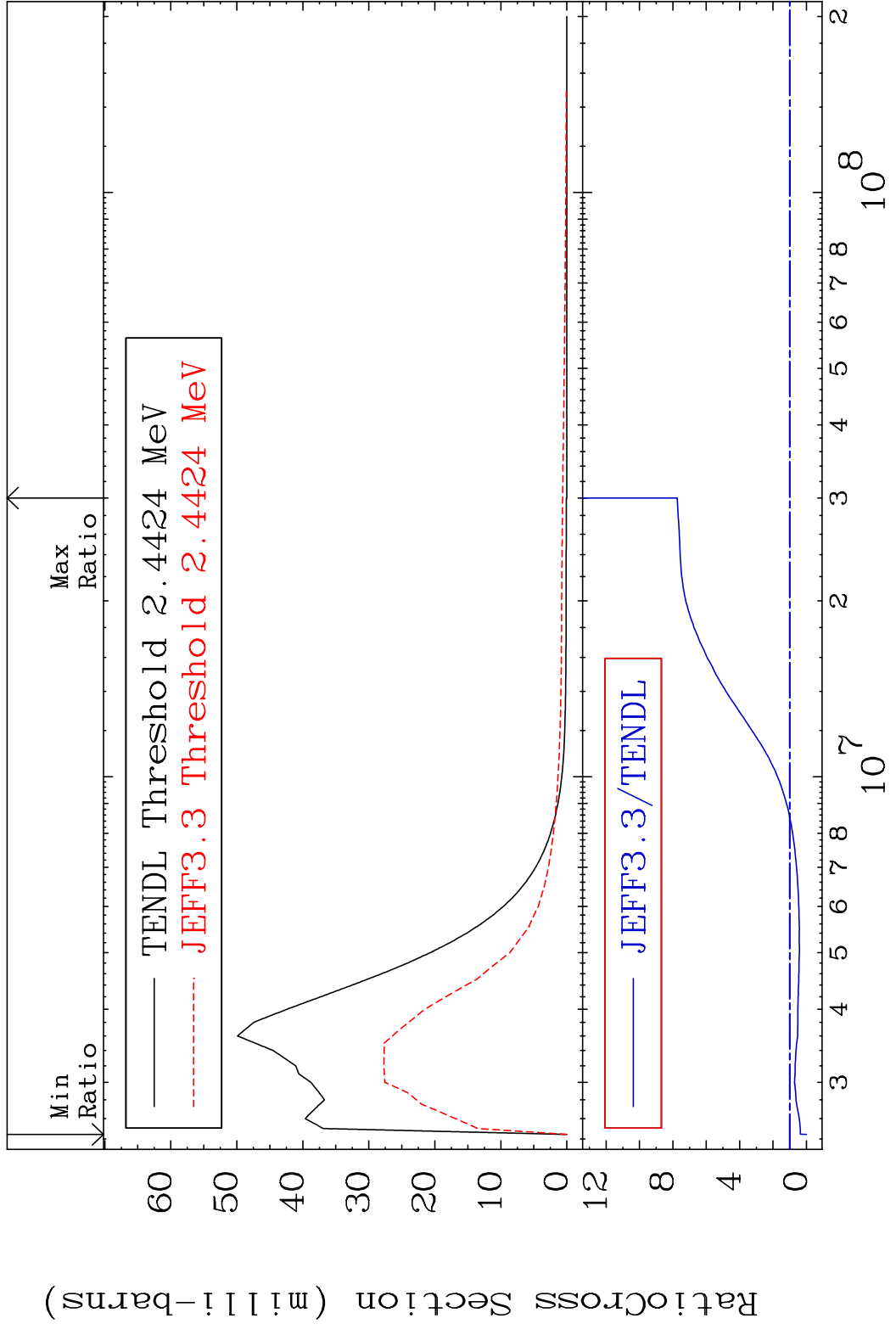


MAT 2525 MT= 66 (n, n') Level 25-Mn-55
 Cross Section -57.47 To 9999. %



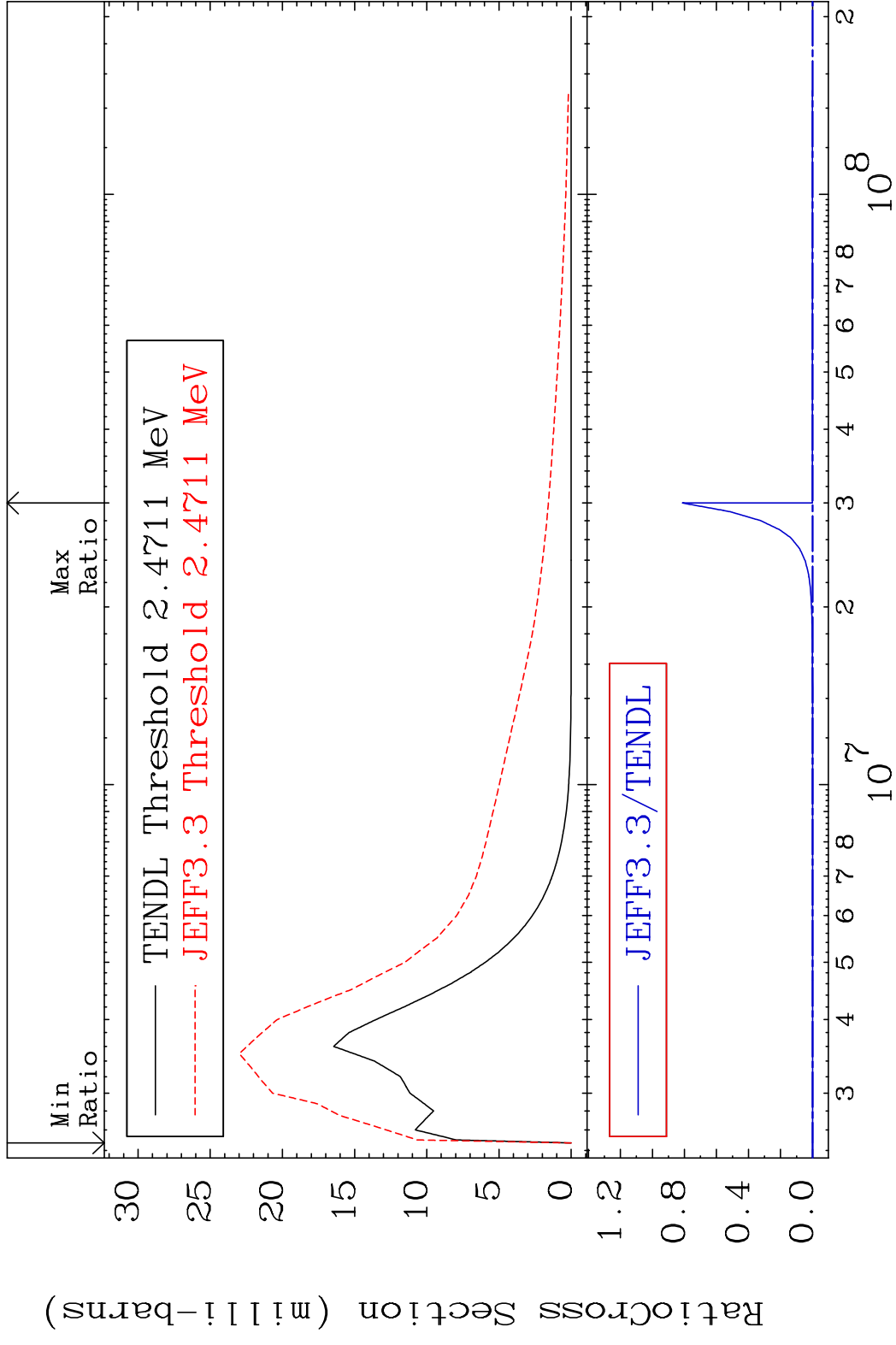
22 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 67 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 674.2 %

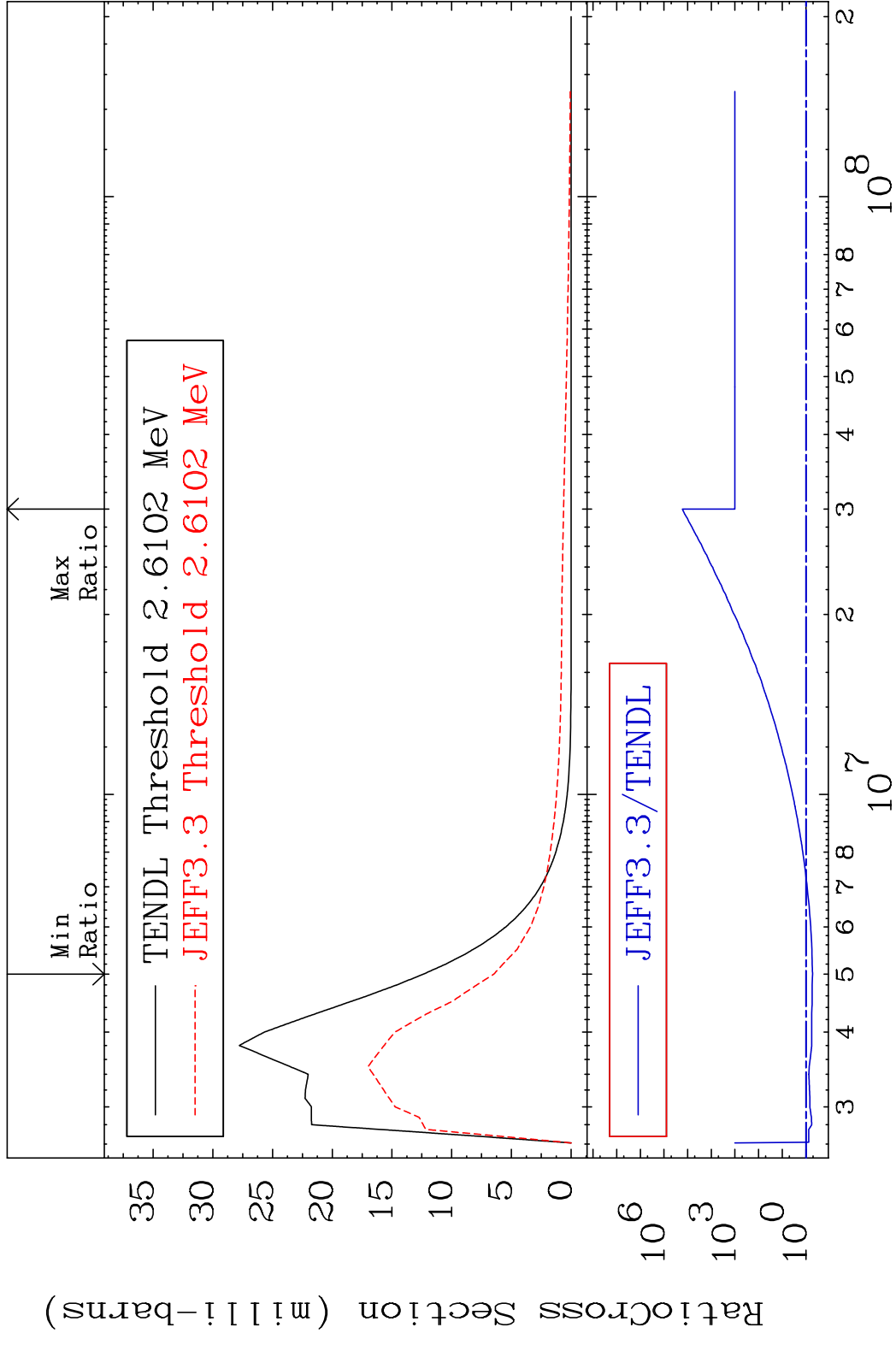


23 Incident Energy (eV) 25-Mn-55

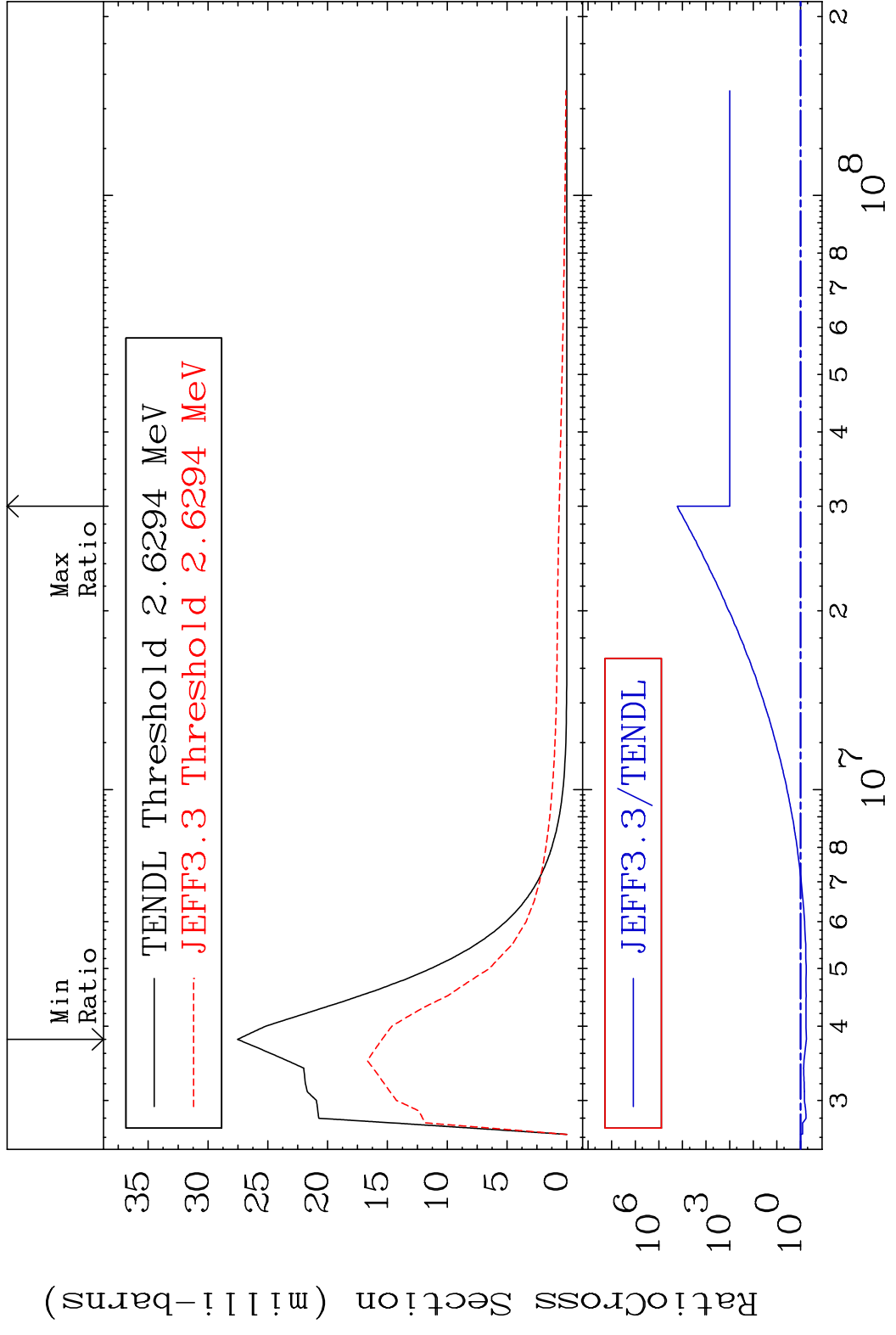
MAT 2525 MT= 68 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



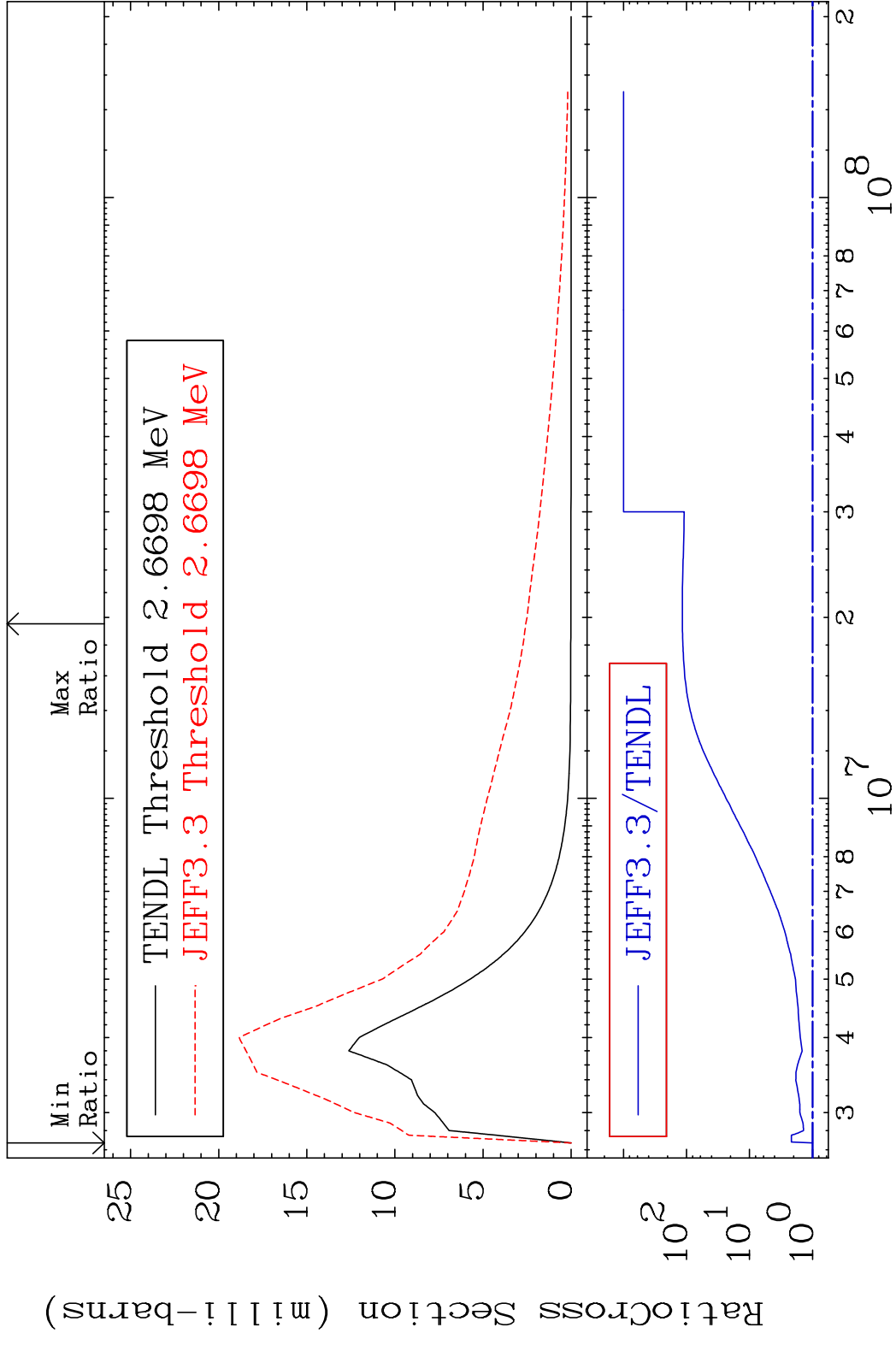
MAT 2525 MT= 69 (n, n') Level 25-Mn-55
 Cross Section -47.65 To 9999. %



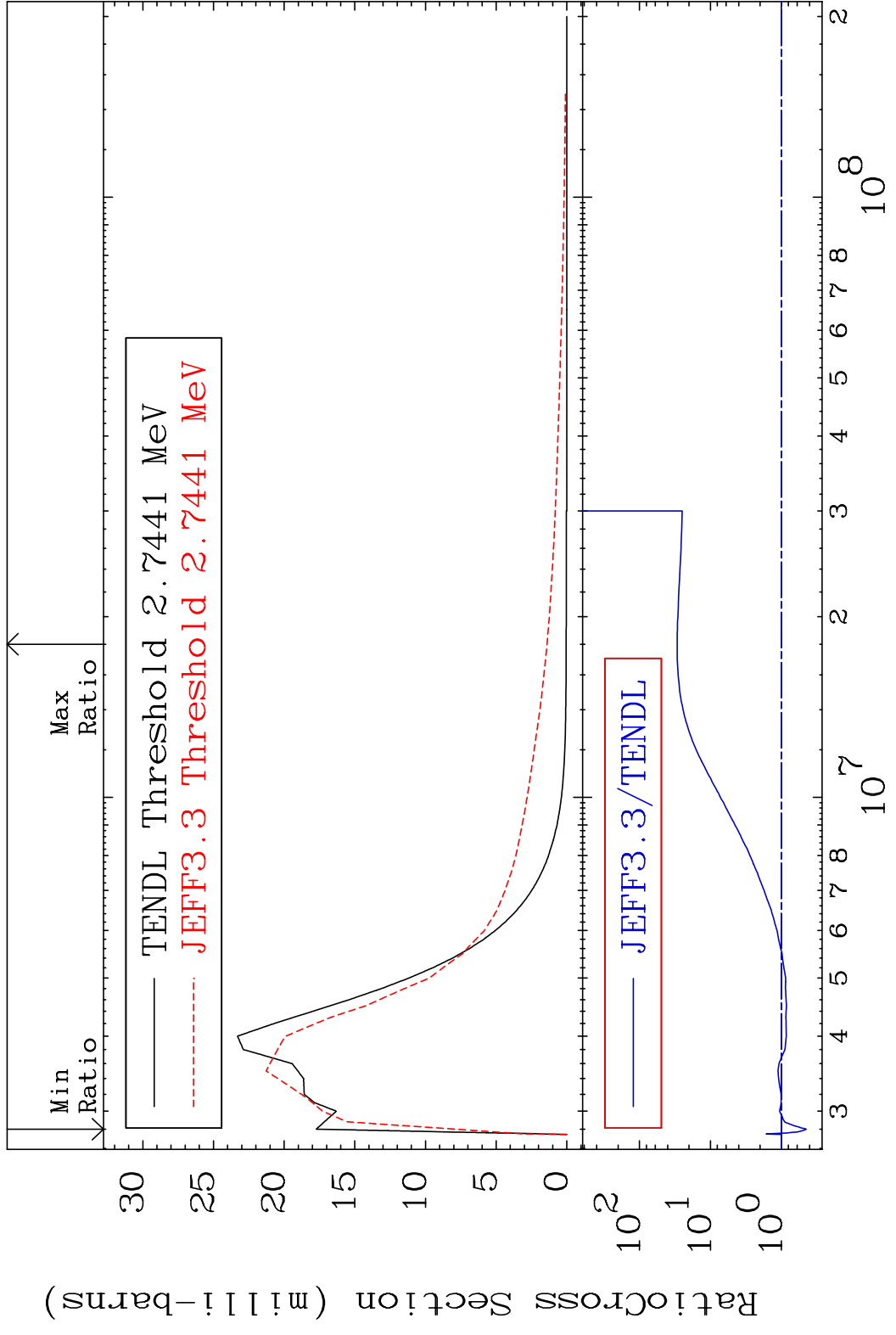
MAT 2525 MT= 70 (n, n') Level 25-Mn-55
 Cross Section -43.89 To 9999. %



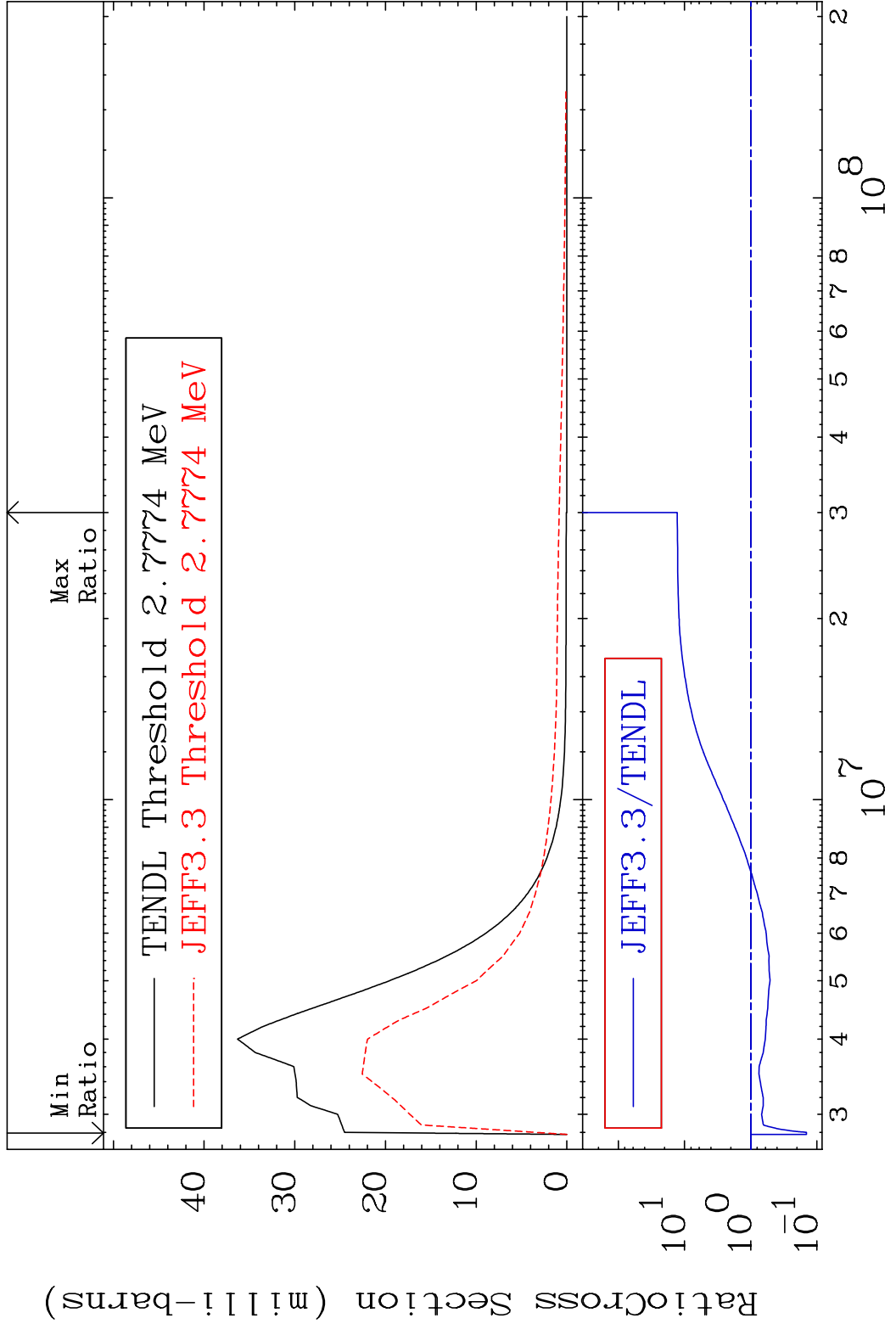
MAT 2525 MT= 71 (n,n') Level 25-Mn-55
 Cross Section 0.000 To 9999. %



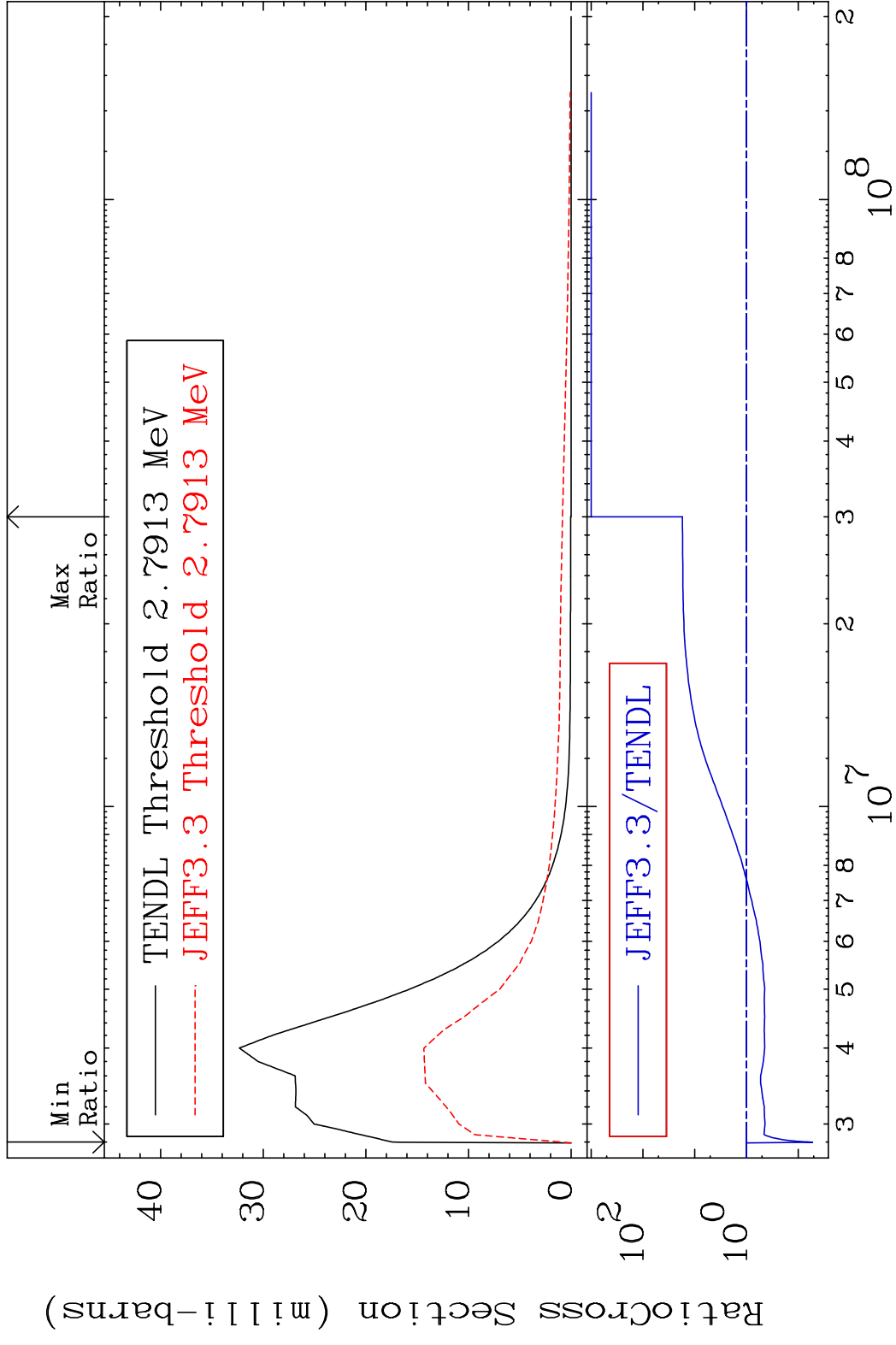
MAT 2525 MT= 72 (n, n') Level 25-Mn-55
 Cross Section -55.52 To 2840. %



MAT 2525 MT= 73 (n, n') Level 25-Mn-55
 Cross Section -85.58 To 1193. %



MAT 2525 MT= 74 (n, n') Level 25-Mn-55
 Cross Section -94.73 To 1627. %

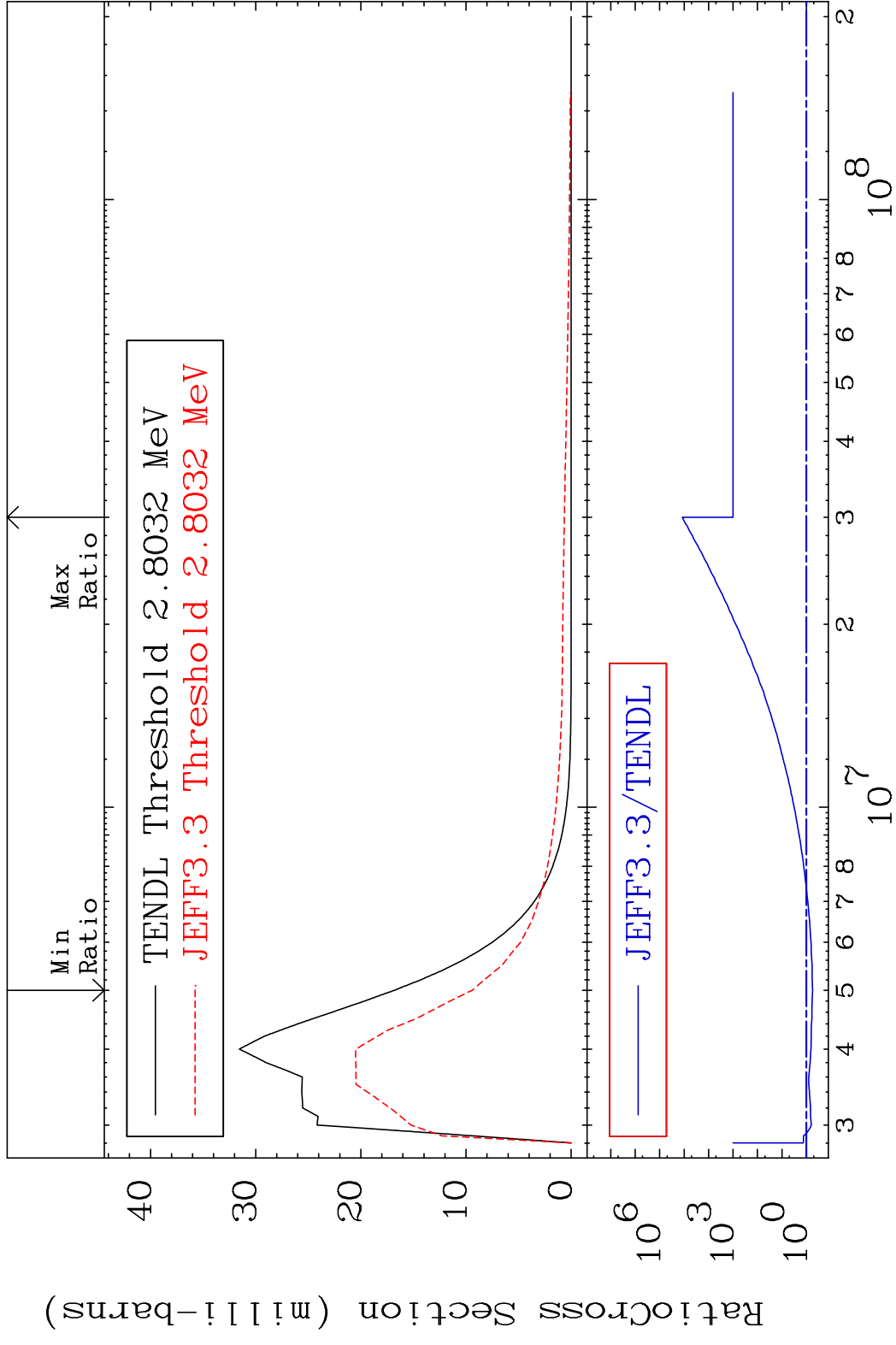


30

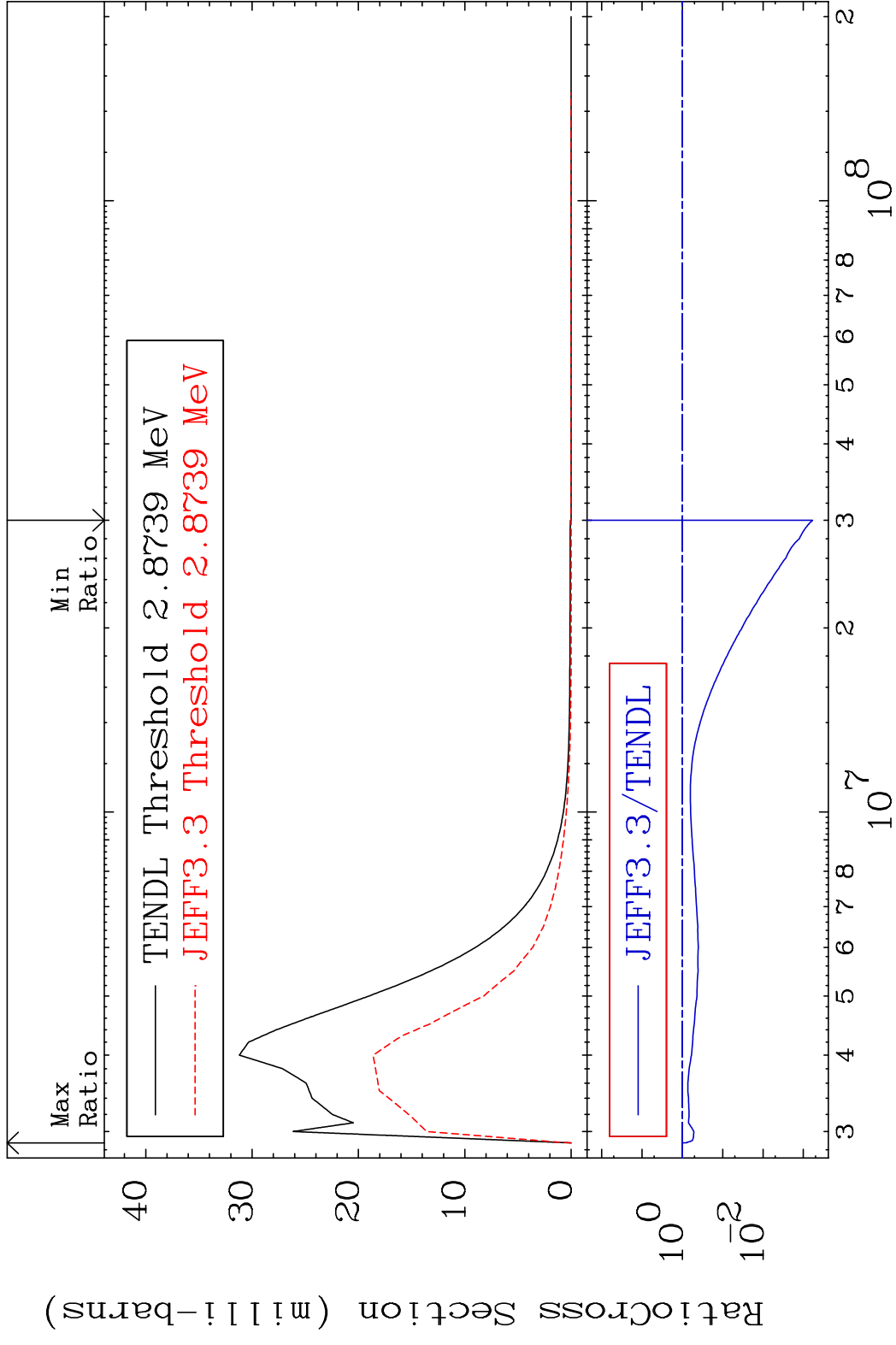
Incident Energy (eV)

25-Mn-55

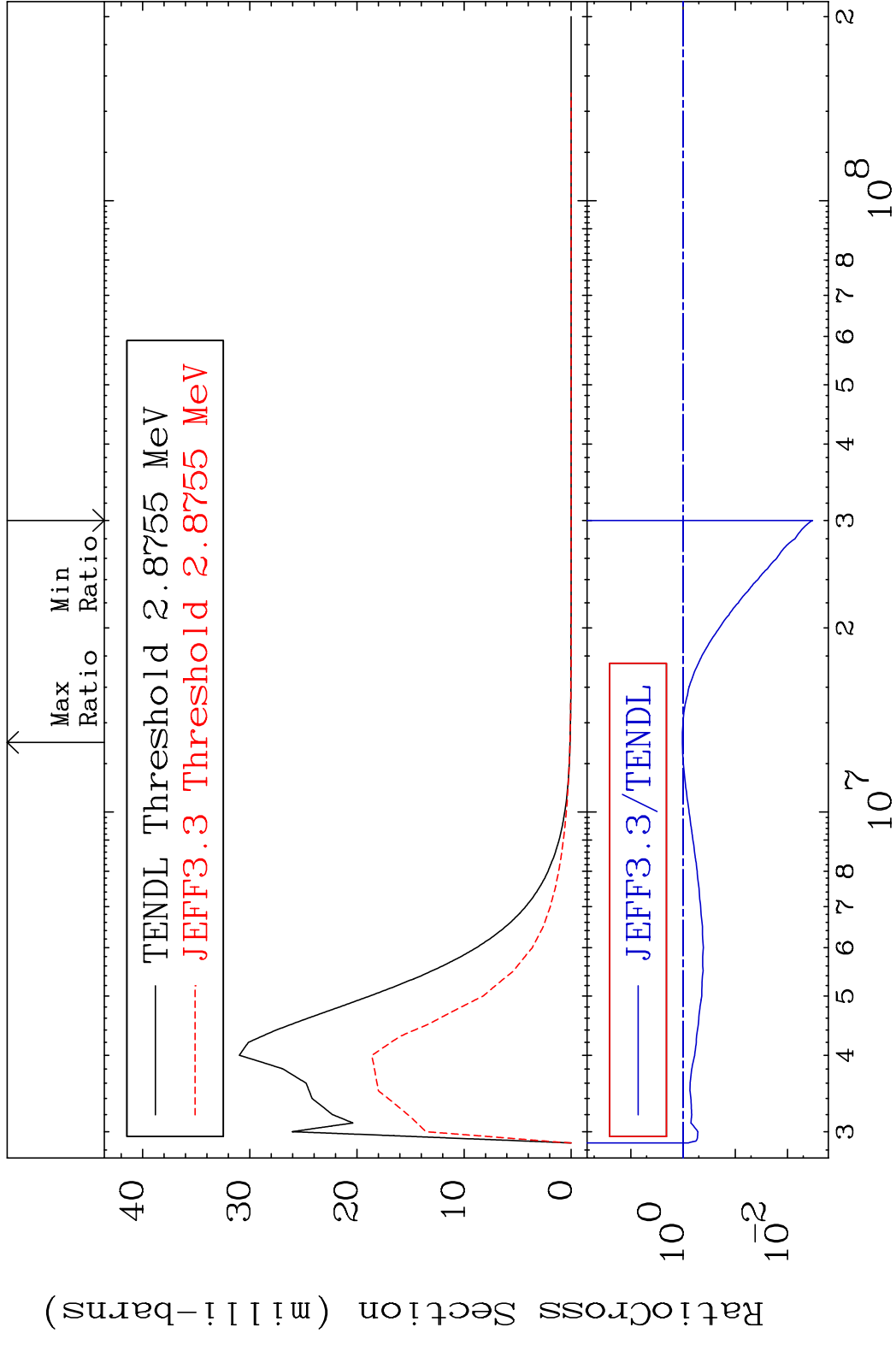
MAT 2525 MT= 75 (n, n') Level 25-Mn-55
 Cross Section -43.96 To 9999. %



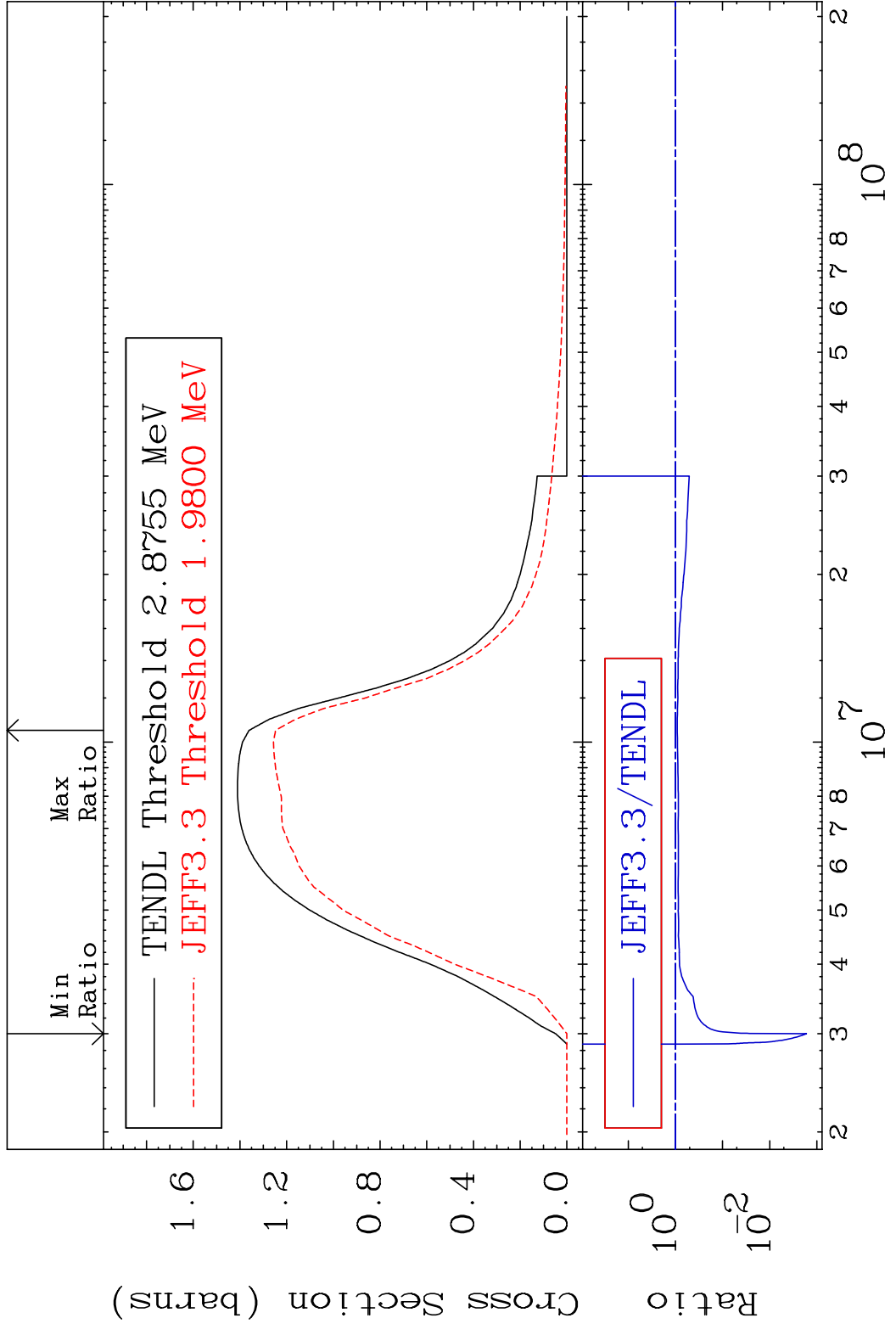
MAT 2525 MT= 76 (n, n') Level 25-Mn-55
 Cross Section -99.94 To 0.000 %



MAT 2525 MT= 77 (n, n') Level 25-Mn-55
 Cross Section -99.67 To 3.008 %



MAT 2525 (n, n') Continuum 25-Mn-55
 Cross Section -99.83 To -8.317%

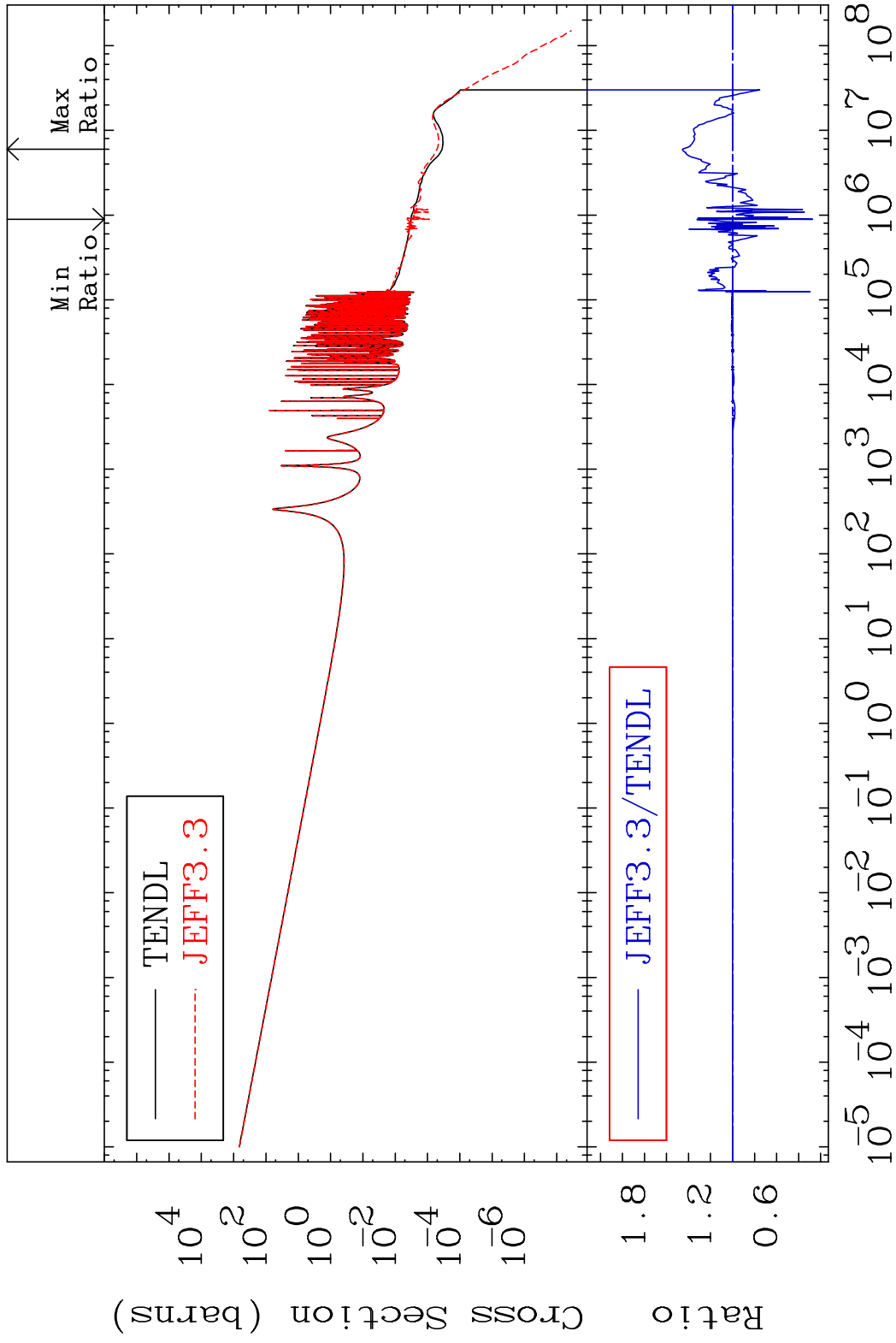


MAT 2525

(n, γ)

25-Mn-55

Cross Section -72.64 To 45.61 %

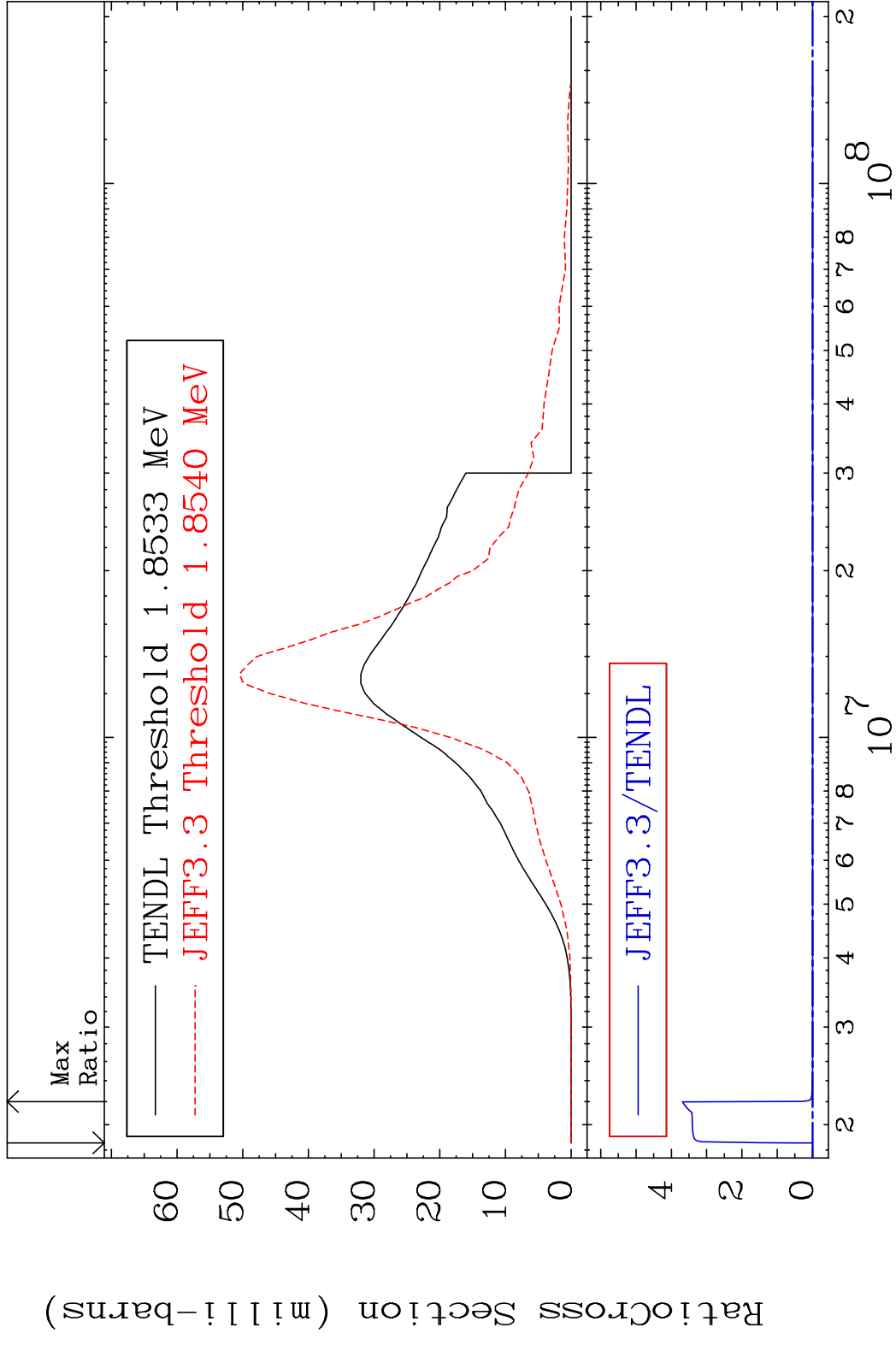


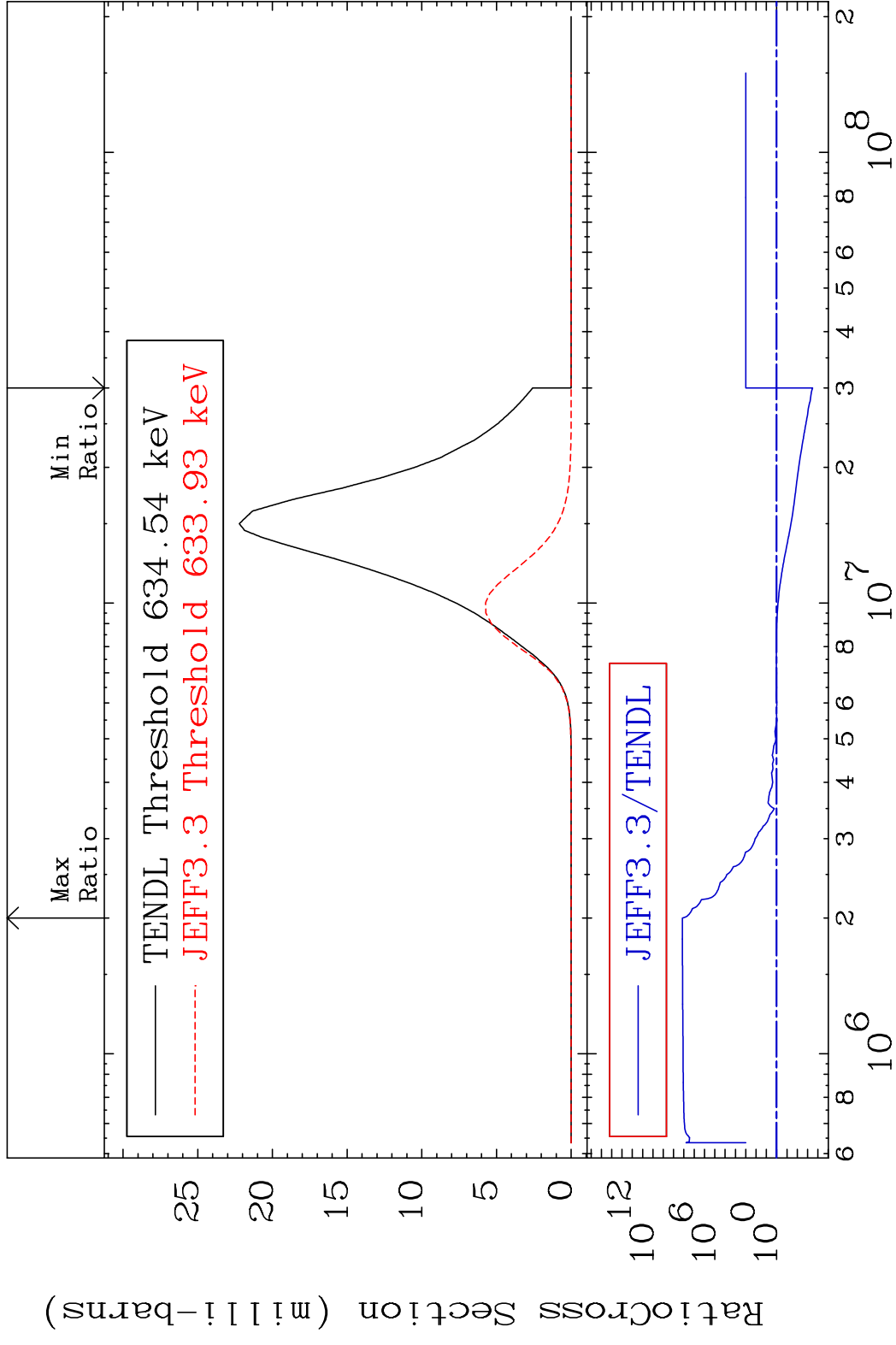
35

Incident Energy (eV)

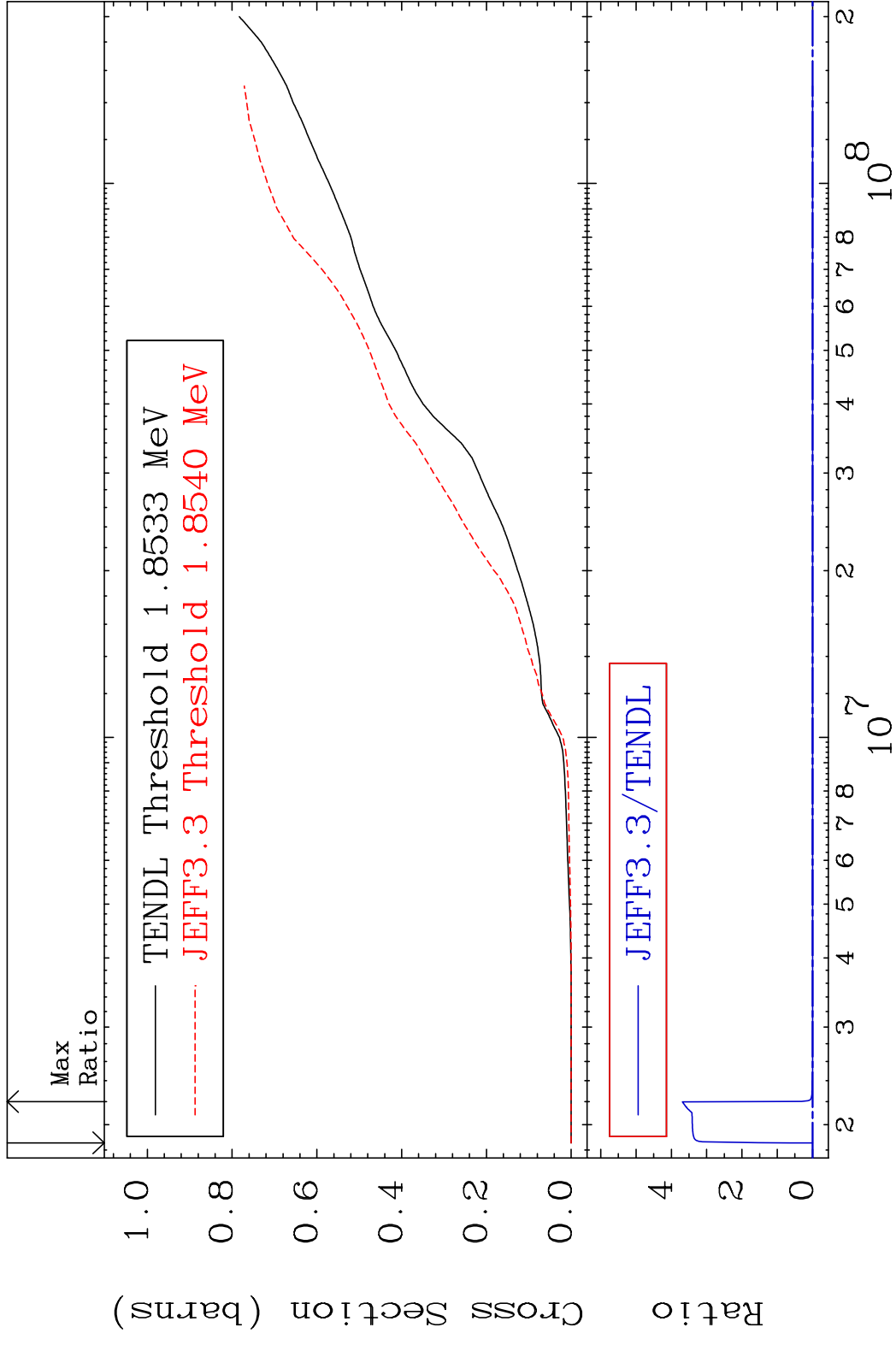
25-Mn-55

MAT 2525 (n,p) 25-Mn-55
 Cross Section -100.0 To 9999. %

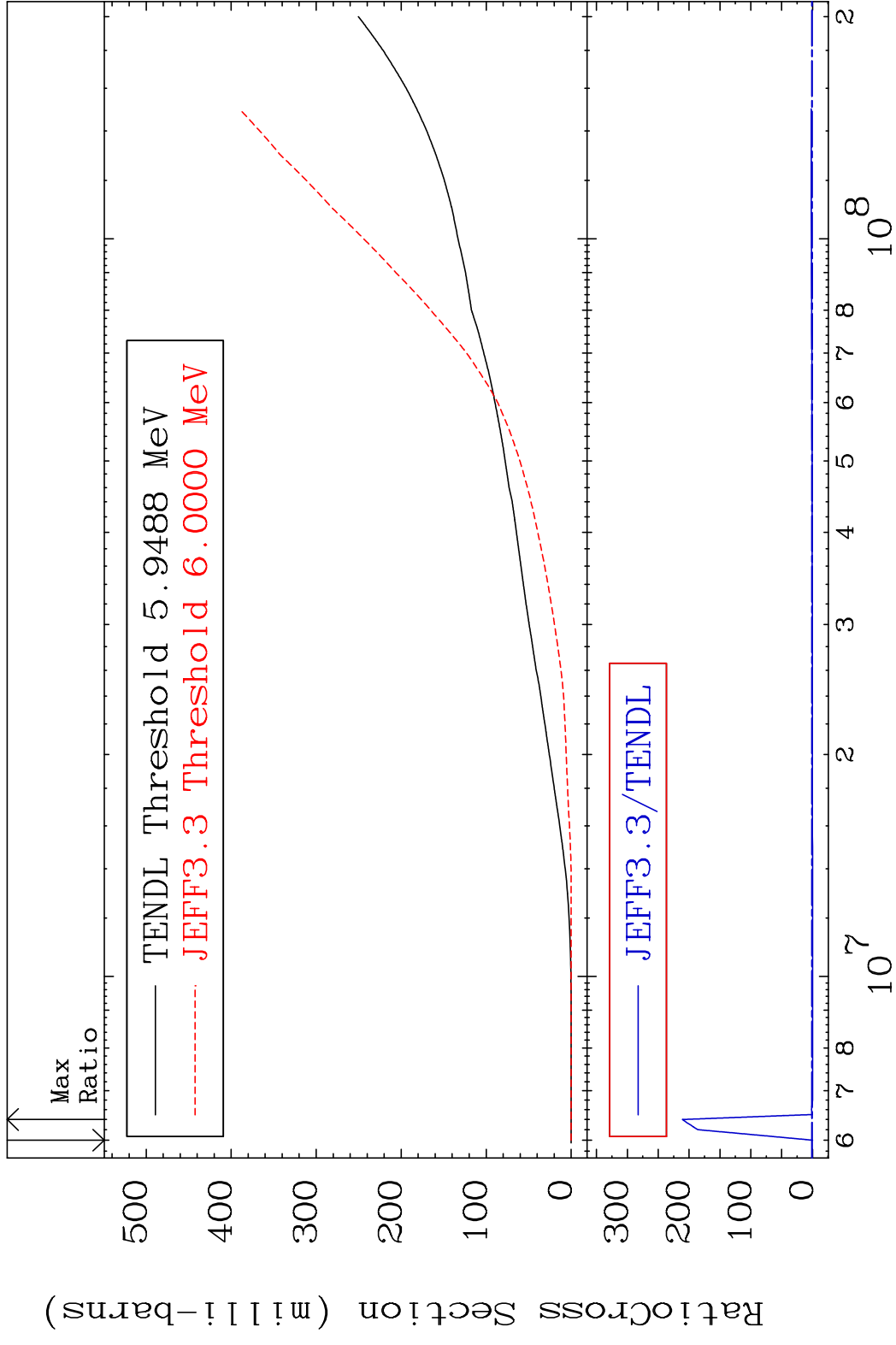




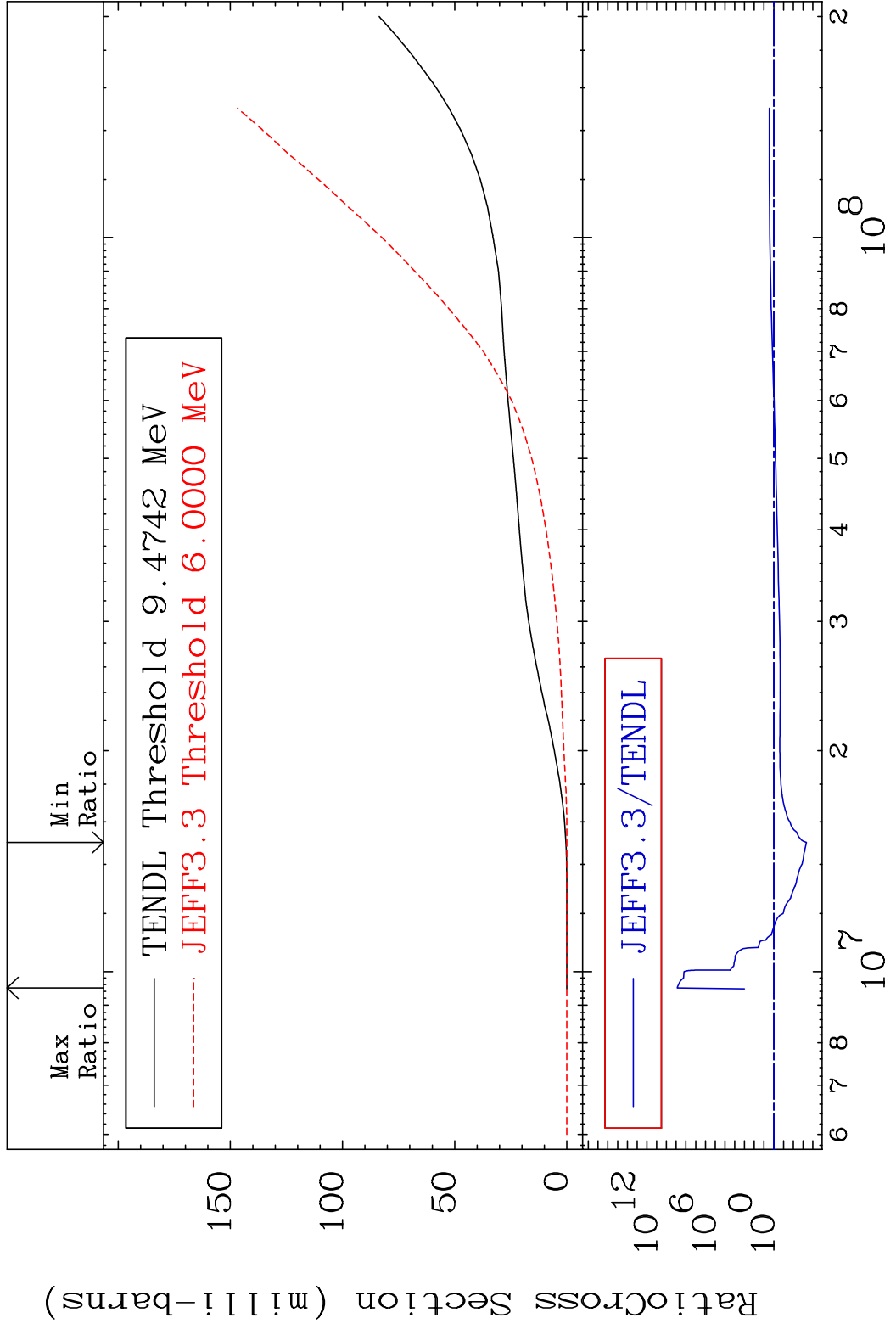
MAT 2525 Hydrogen Production 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 Deuterium Production 25-Mn-55
 Cross Section -100.0 To 9999. %

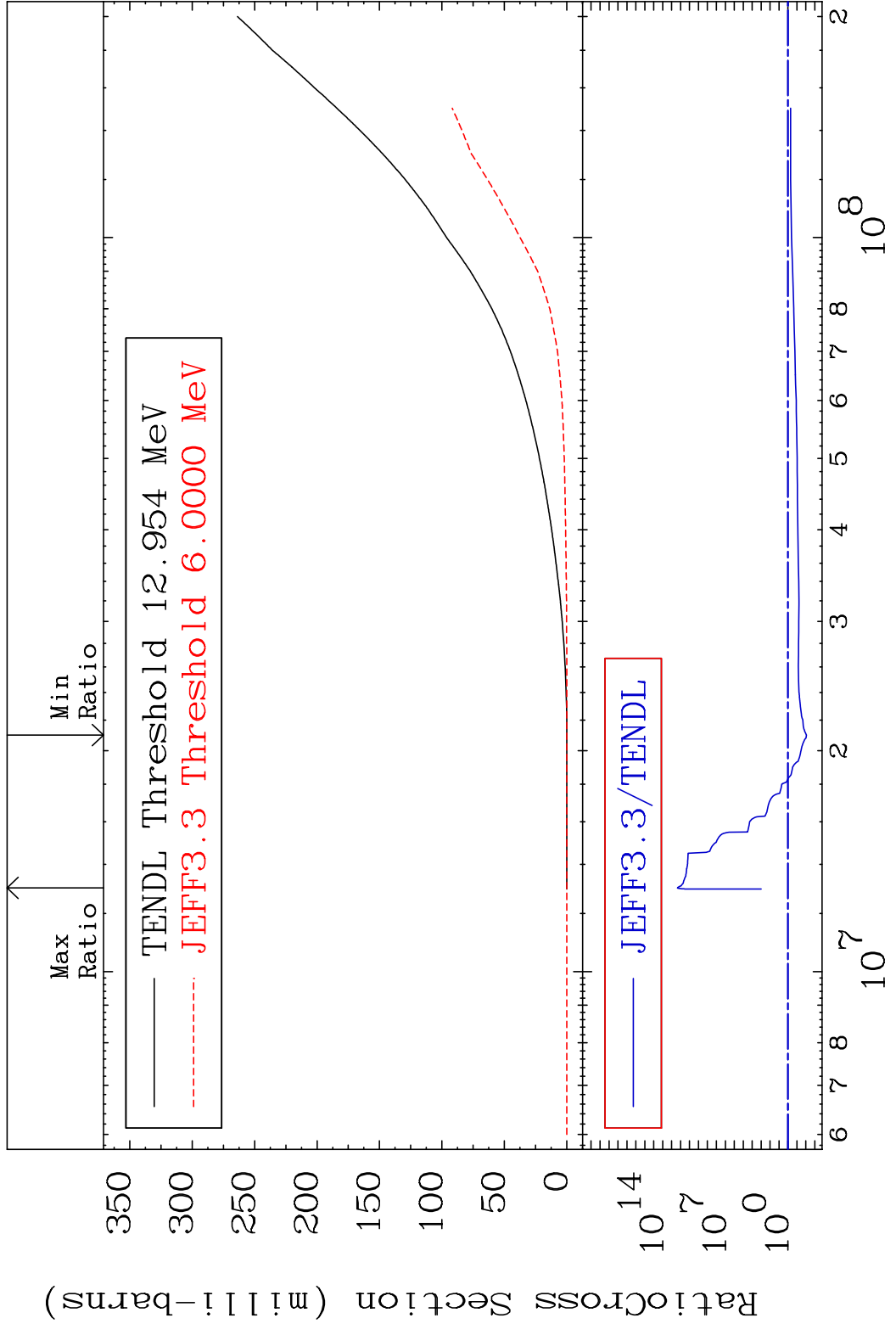


MAT 2525 Tritium Production 25-Mn-55
 Cross Section -99.95 To 9999. %



40 Incident Energy (eV) 25-Mn-55

MAT 2525 He-3 Production 25-Mn-55
 Cross Section -99.13 To 9999. %

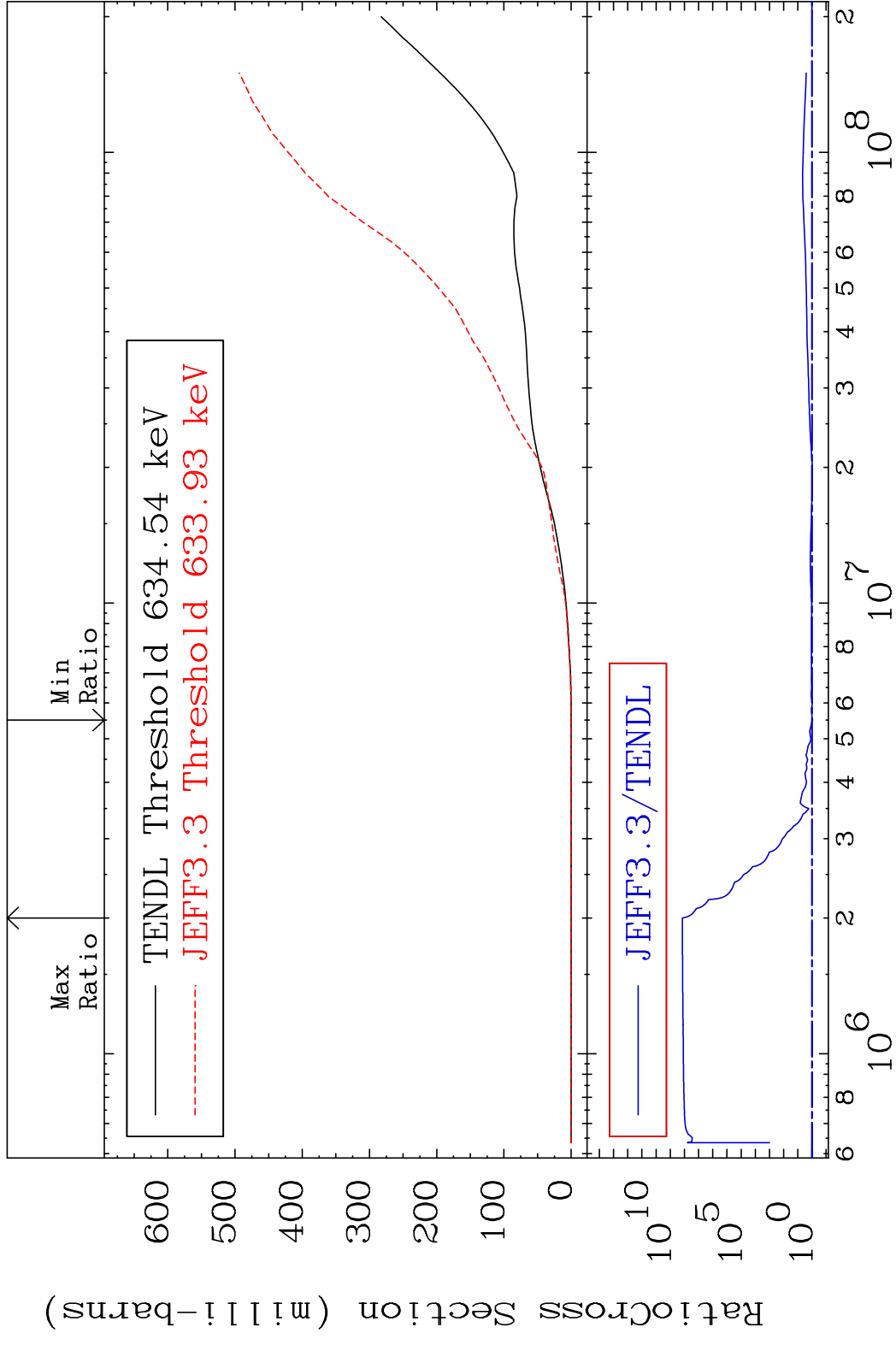


MAT 2525

He-4 Production

25-Mn-55

Cross Section -9.003 To 9999. %

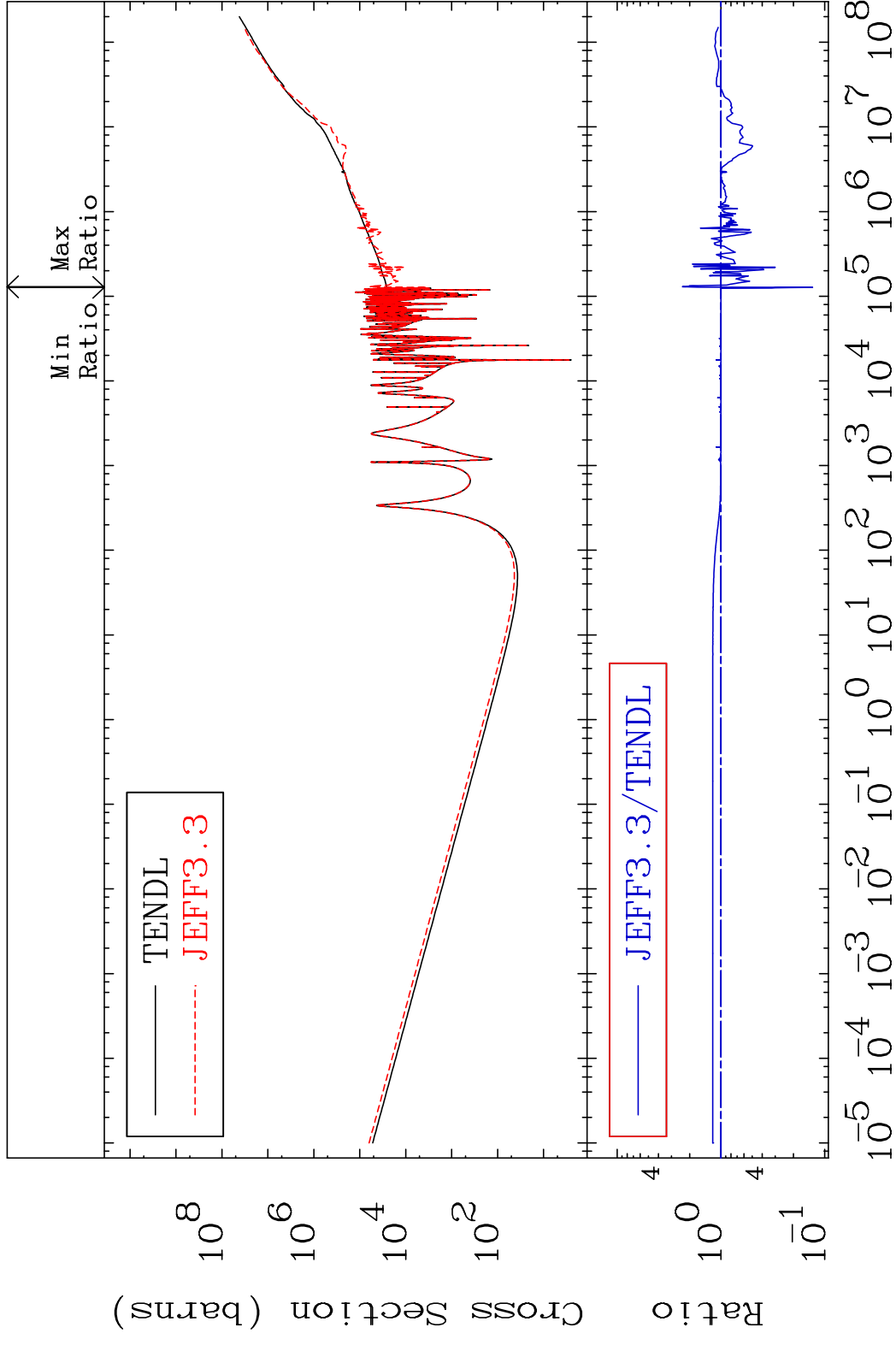


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Incident Energy (eV)

25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55
 Cross Section -86.90 To 135.5 %

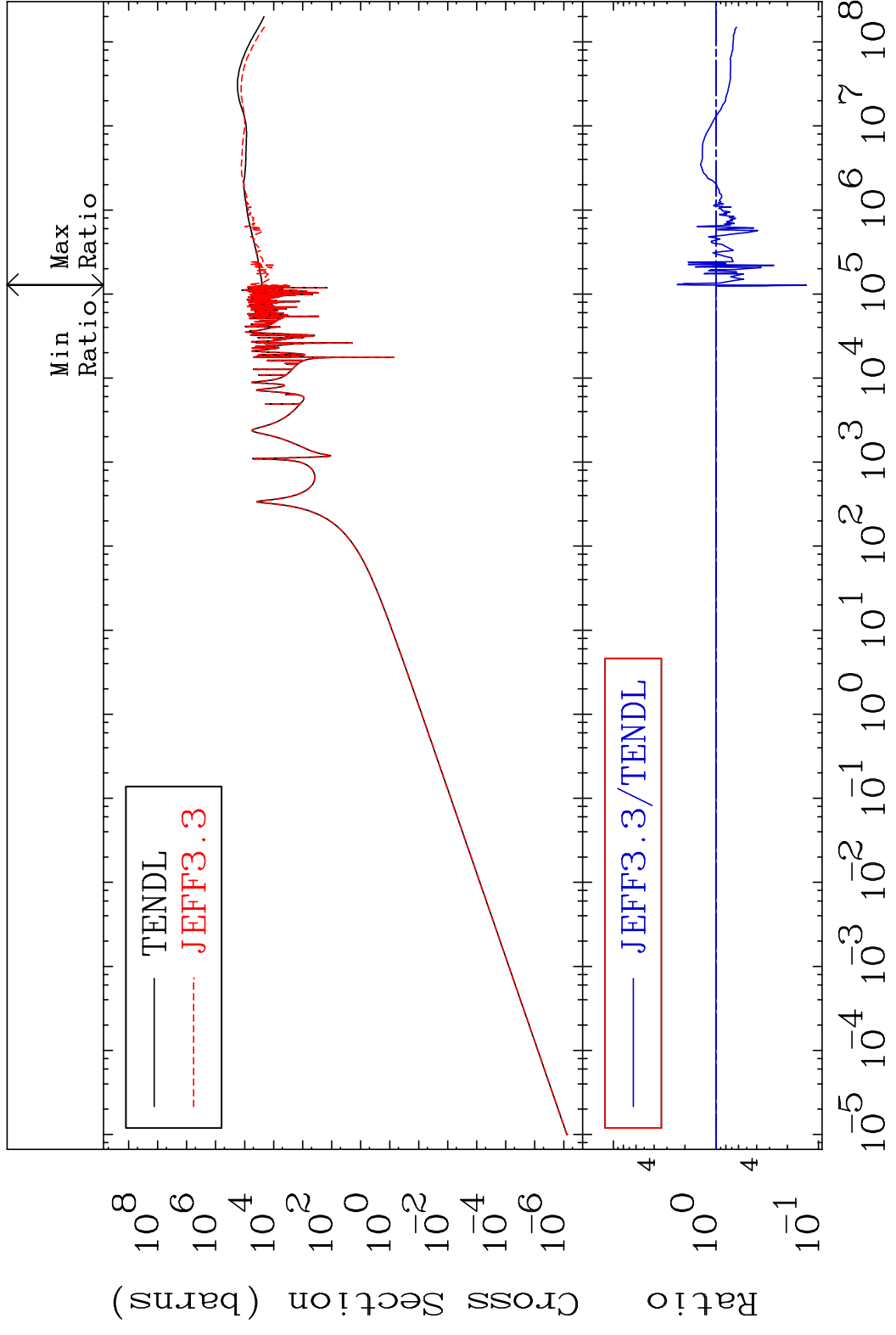


43 Incident Energy (eV) 25-Mn-55

MAT 2525

Kerma elastic
Cross Section

25-Mn-55
-86.90 To 138.4 %

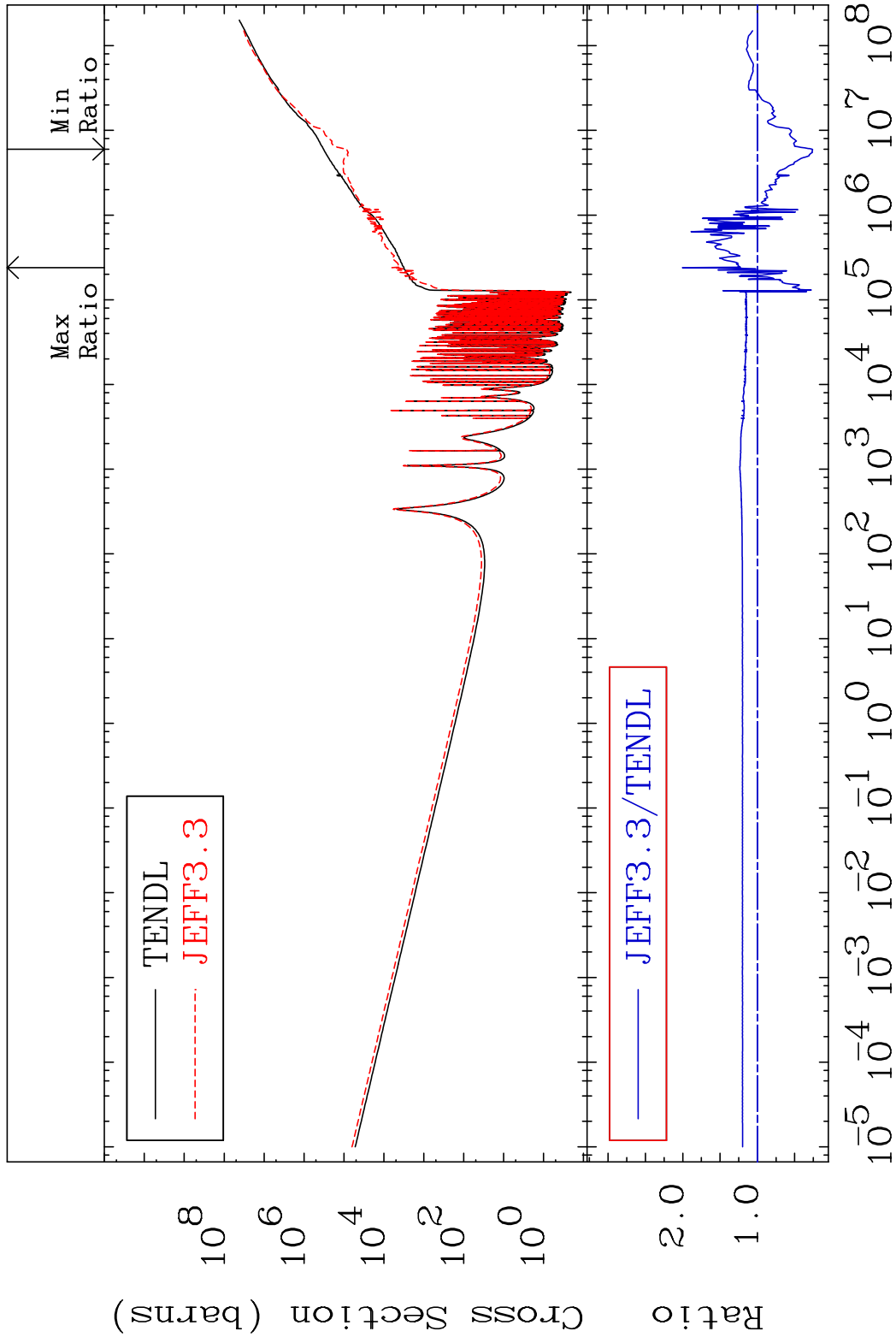


44

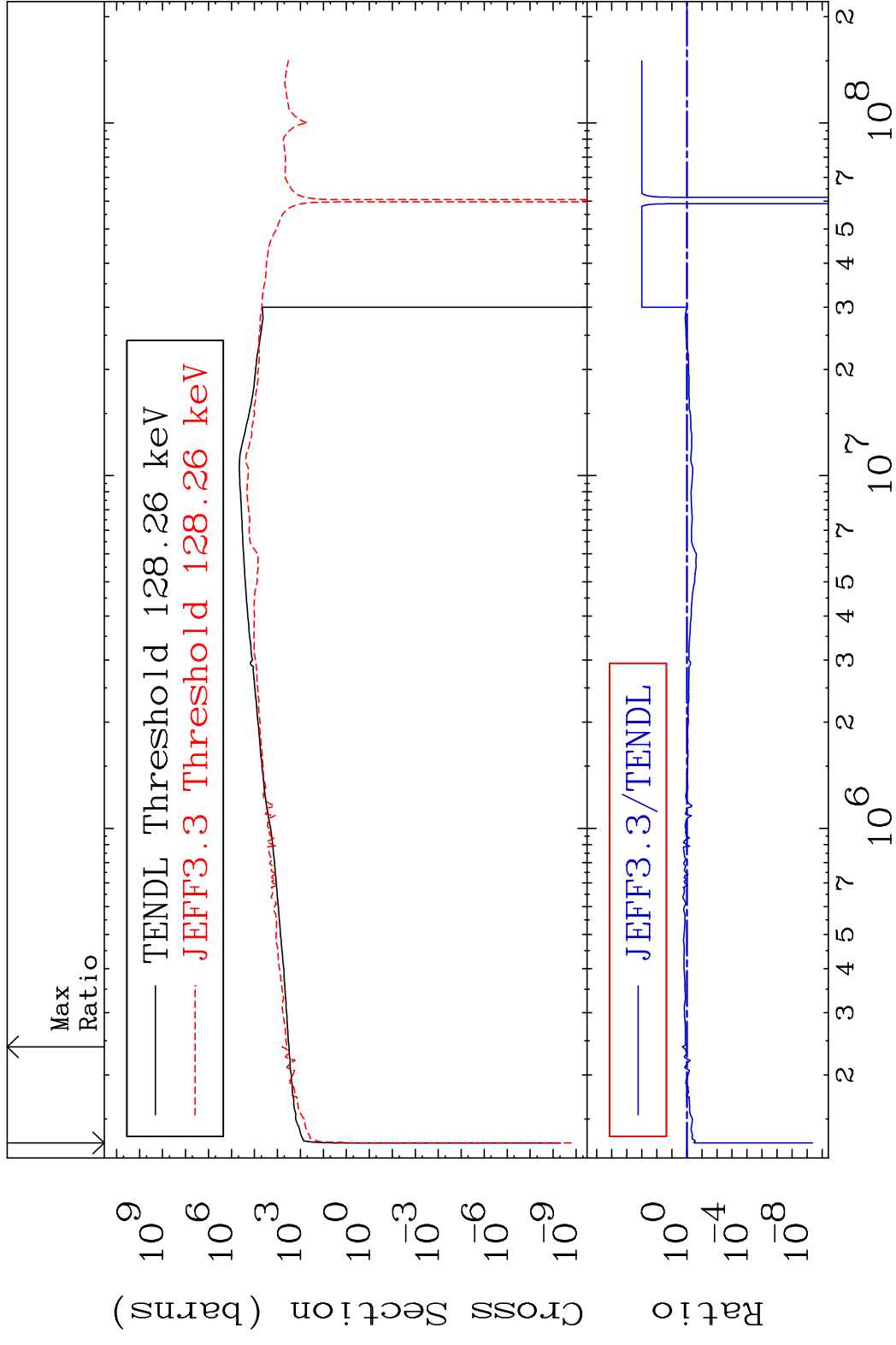
Incident Energy (eV)

25-Mn-55

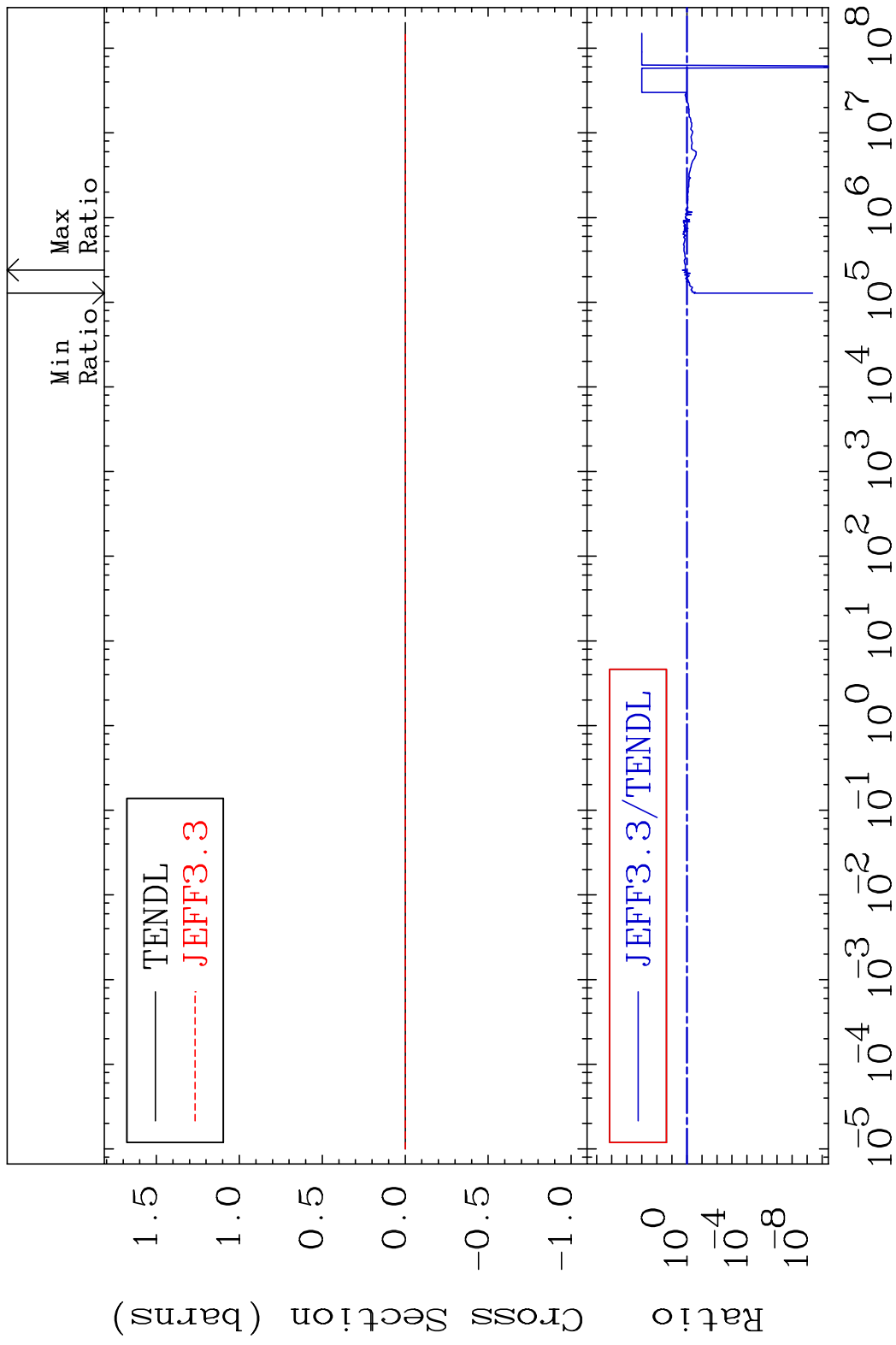
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -73.92 To 100.5 %



MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 100.5 %



MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
 Cross Section -100.0 To 100.5 %

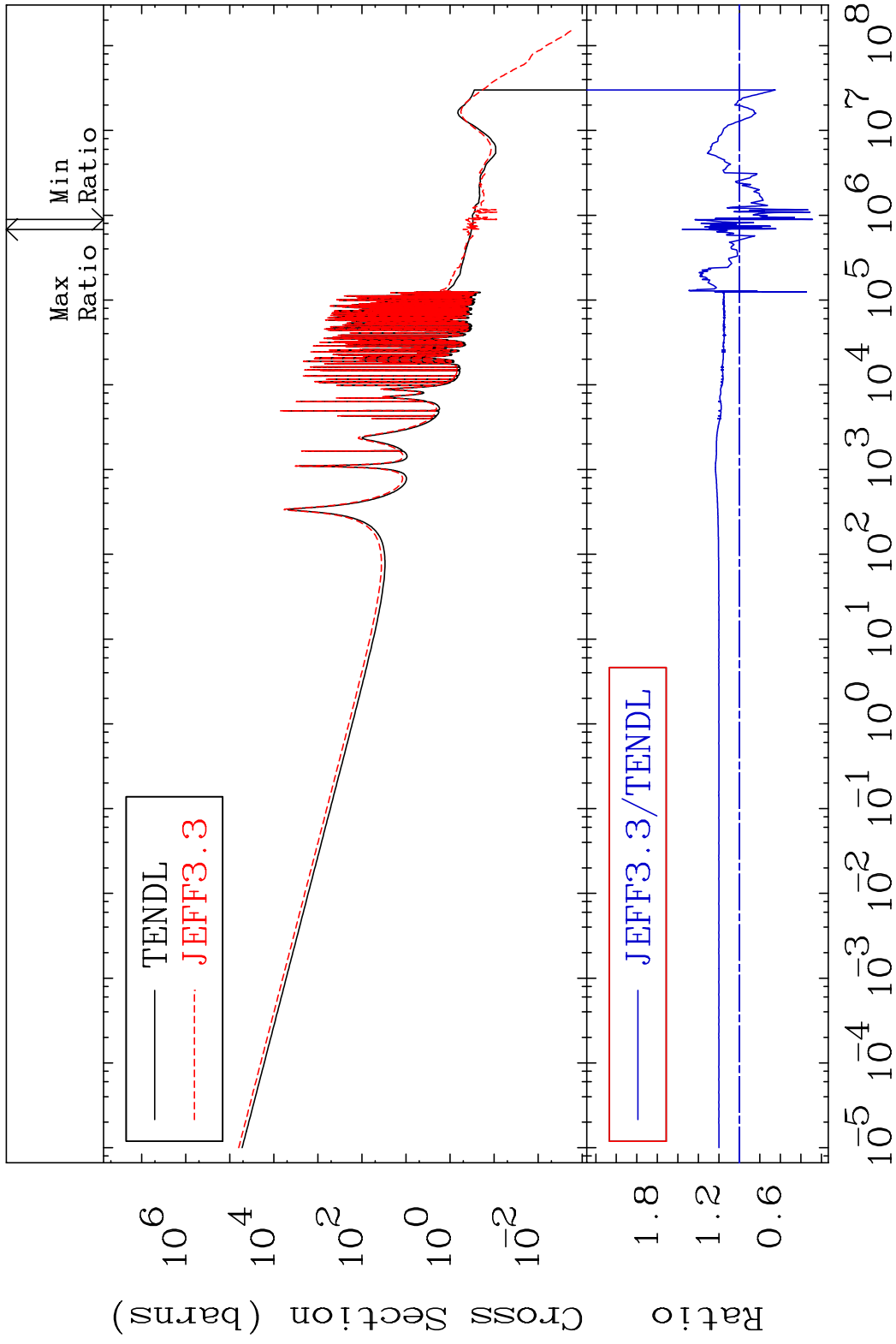


MAT 2525

Kerma capture (mt102)

25-Mn-55

Cross Section -71.29 To 55.81 %

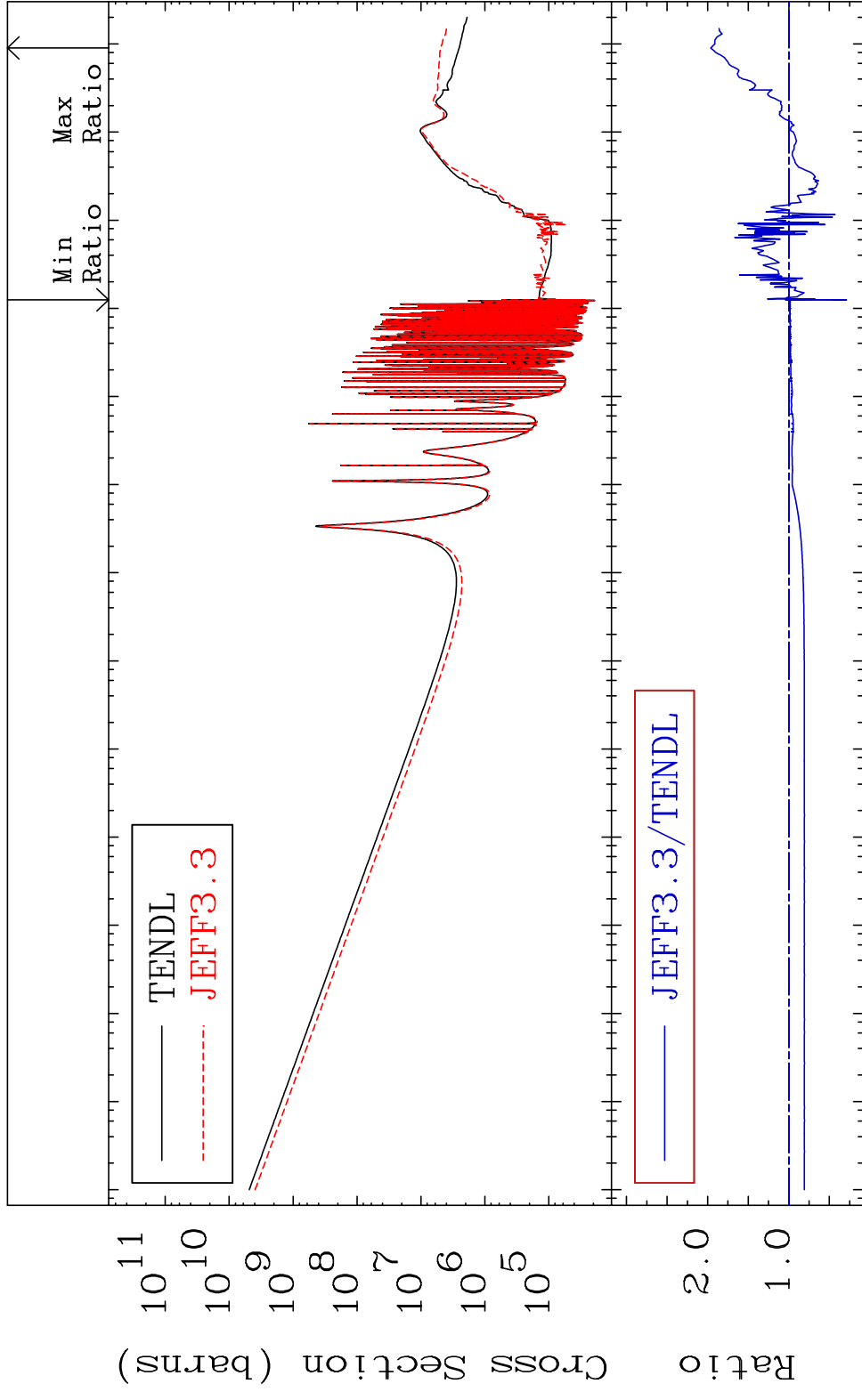


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Incident Energy (eV)

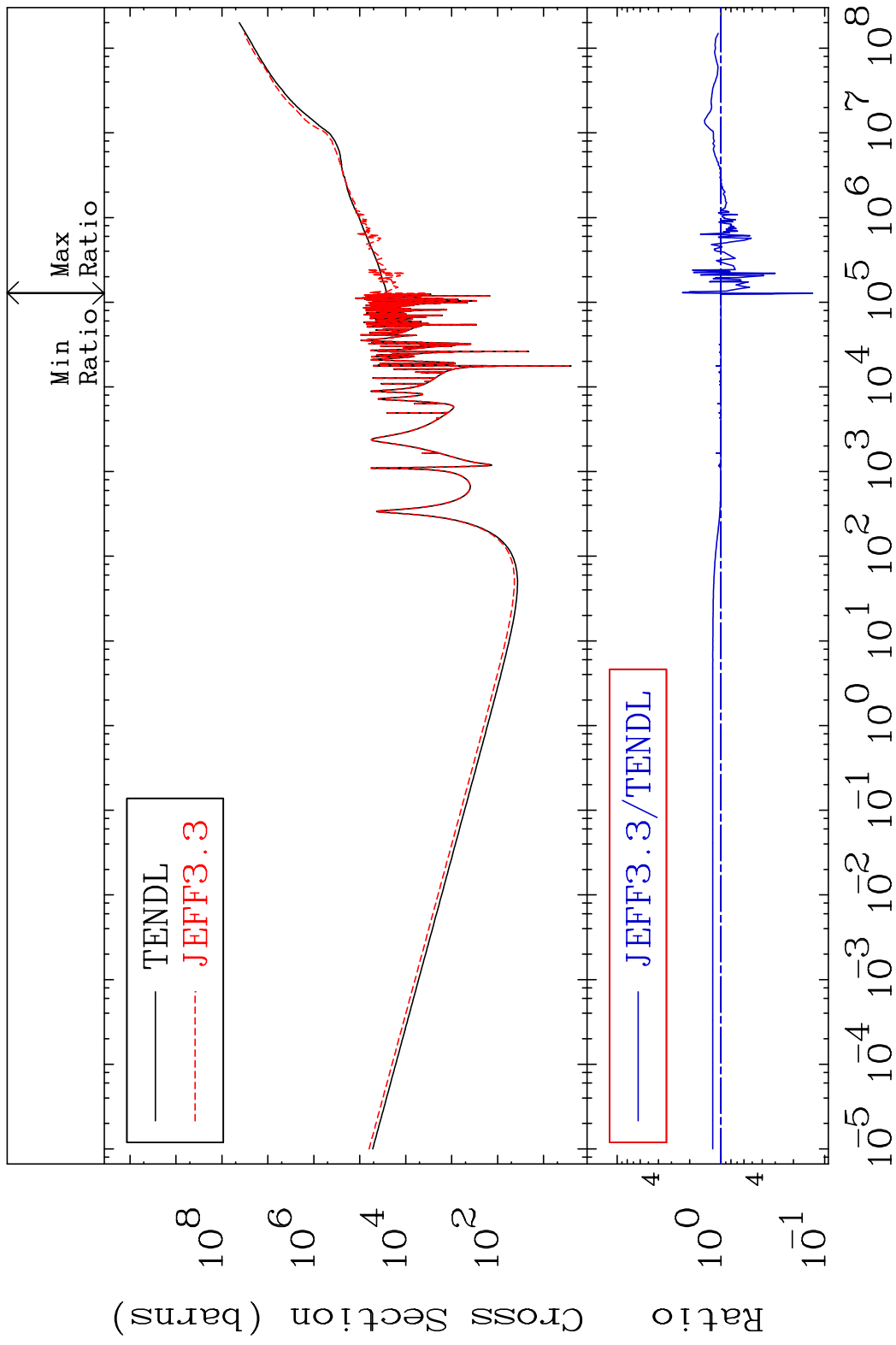
25-Mn-55

MAT 2525 Total photon (eV-barns) 25-Mn-55
 Cross Section -70.88 To 96.25 %



49 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -86.90 To 135.5 %

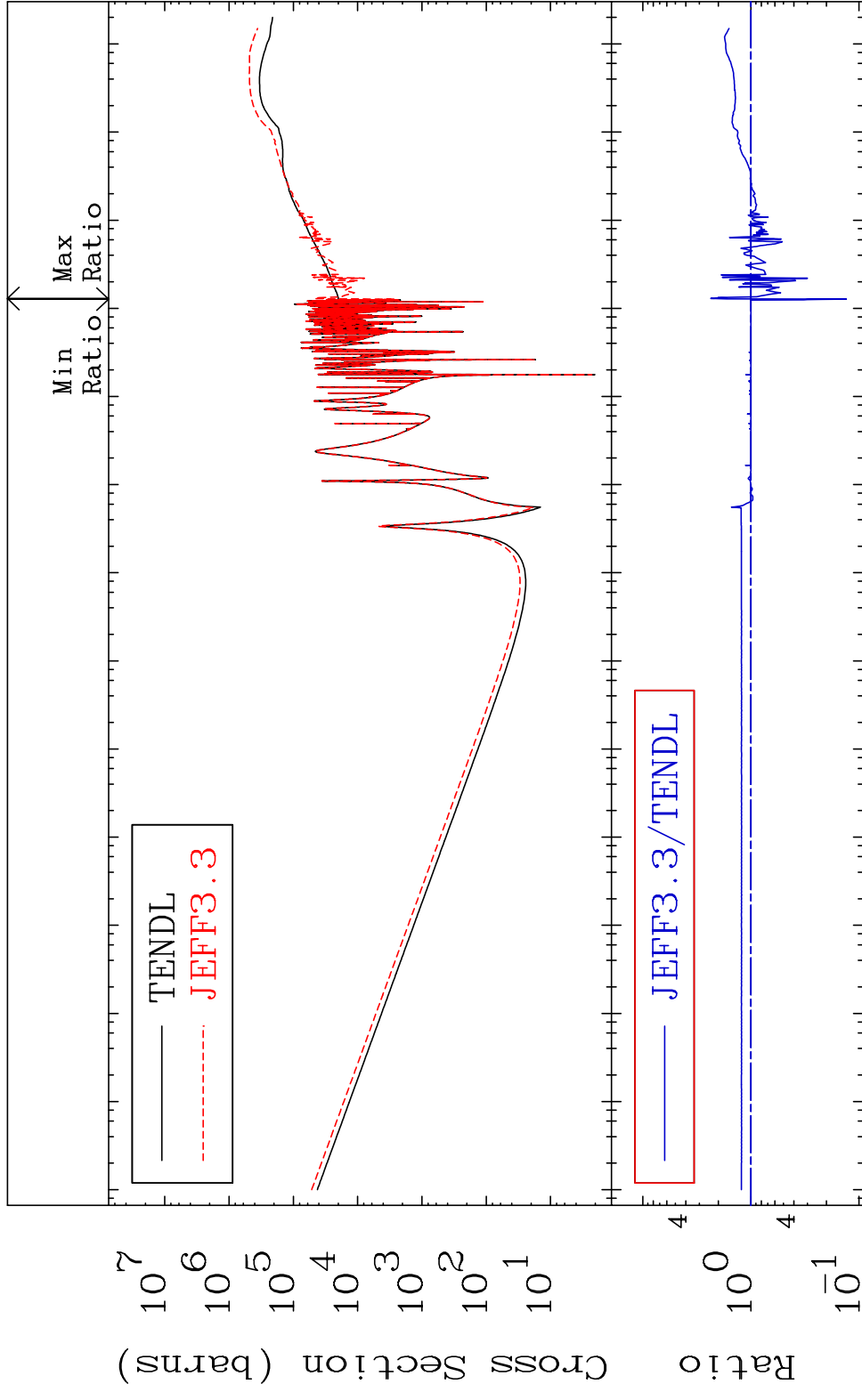


MAT 2525

Dpa total (eV-barns)

25-Mn-55

Cross Section -86.90 To 135.5 %



51

Incident Energy (eV)

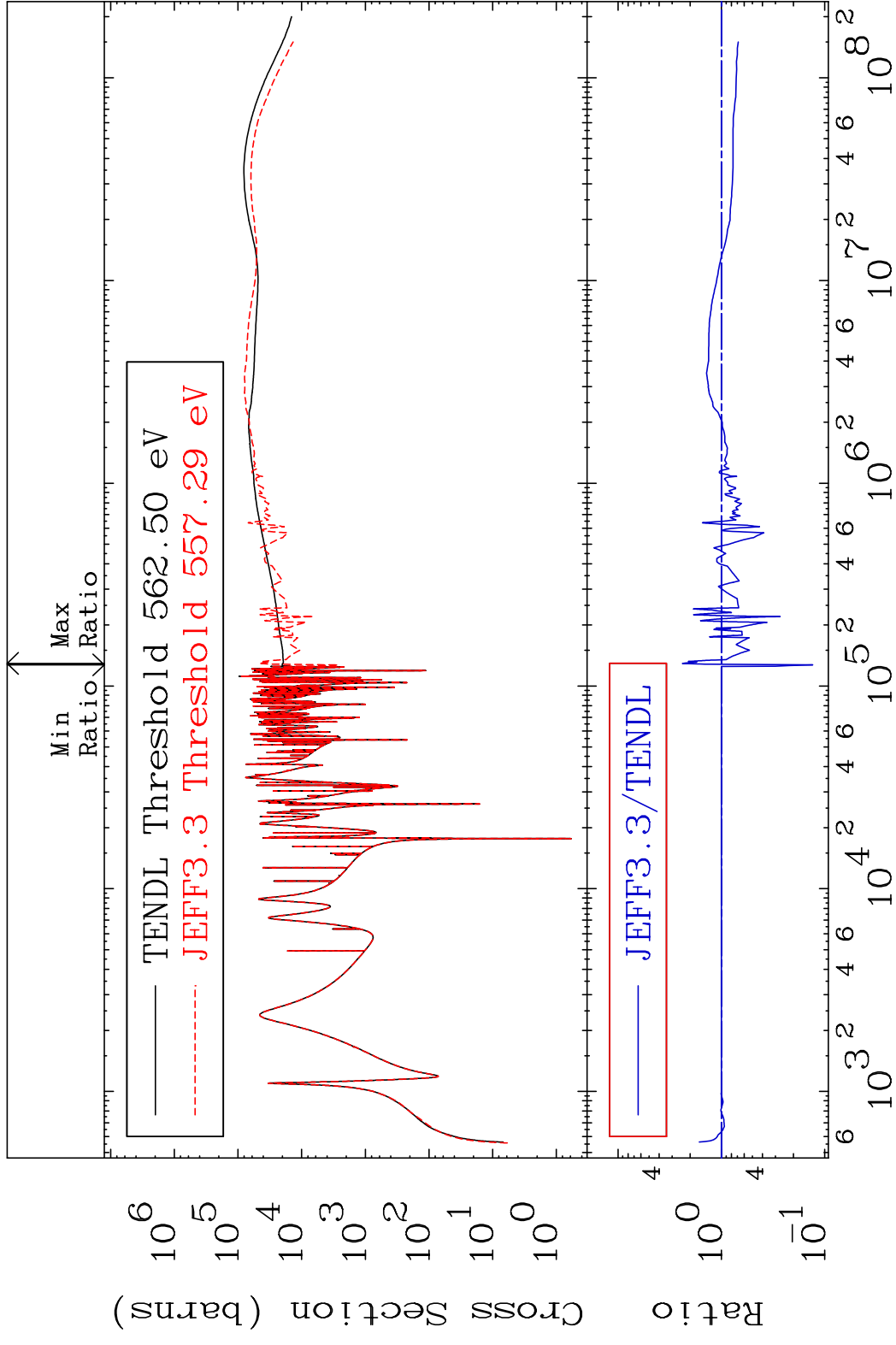
25-Mn-55

MAT 2525

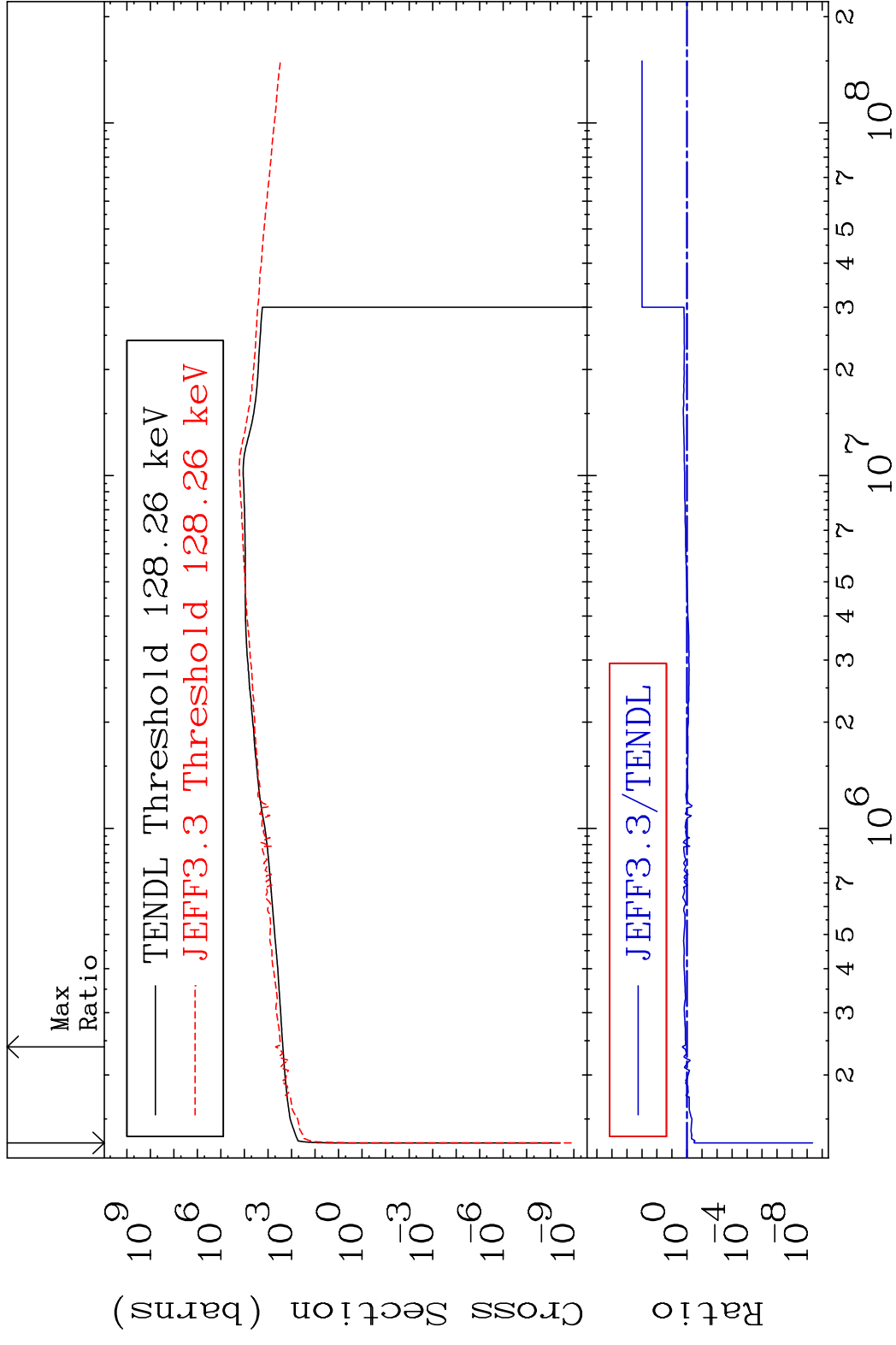
Dpa elastic (mt2)

25-Mn-55

Cross Section -86.90 To 138.4 %



MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 103.6 %



MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -85.17 To 449.0 %

