

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

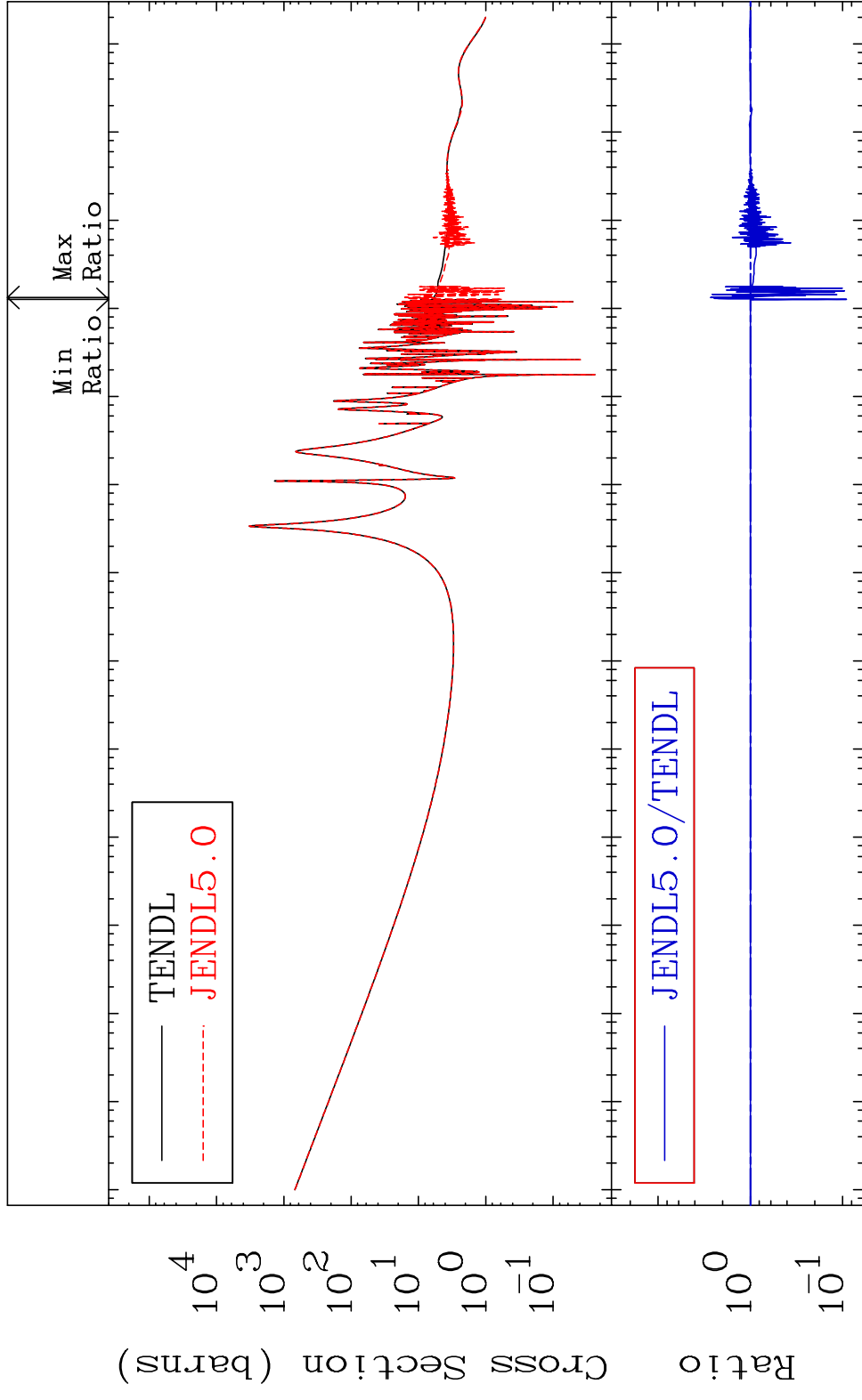
MAT 2525

Total

25-Mn-55

Cross Section

-90.88 To 169.1 %

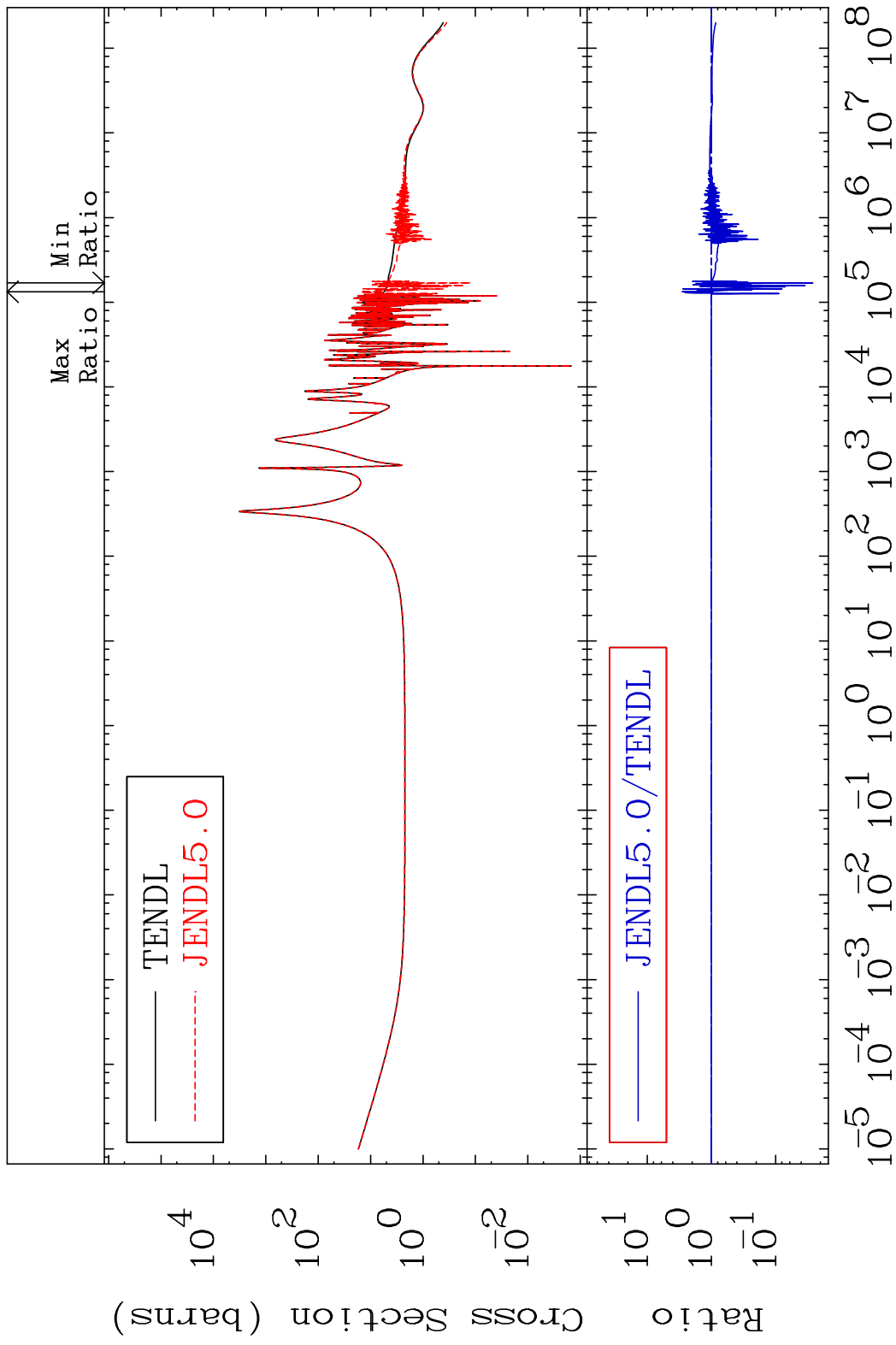


1

Incident Energy (eV)

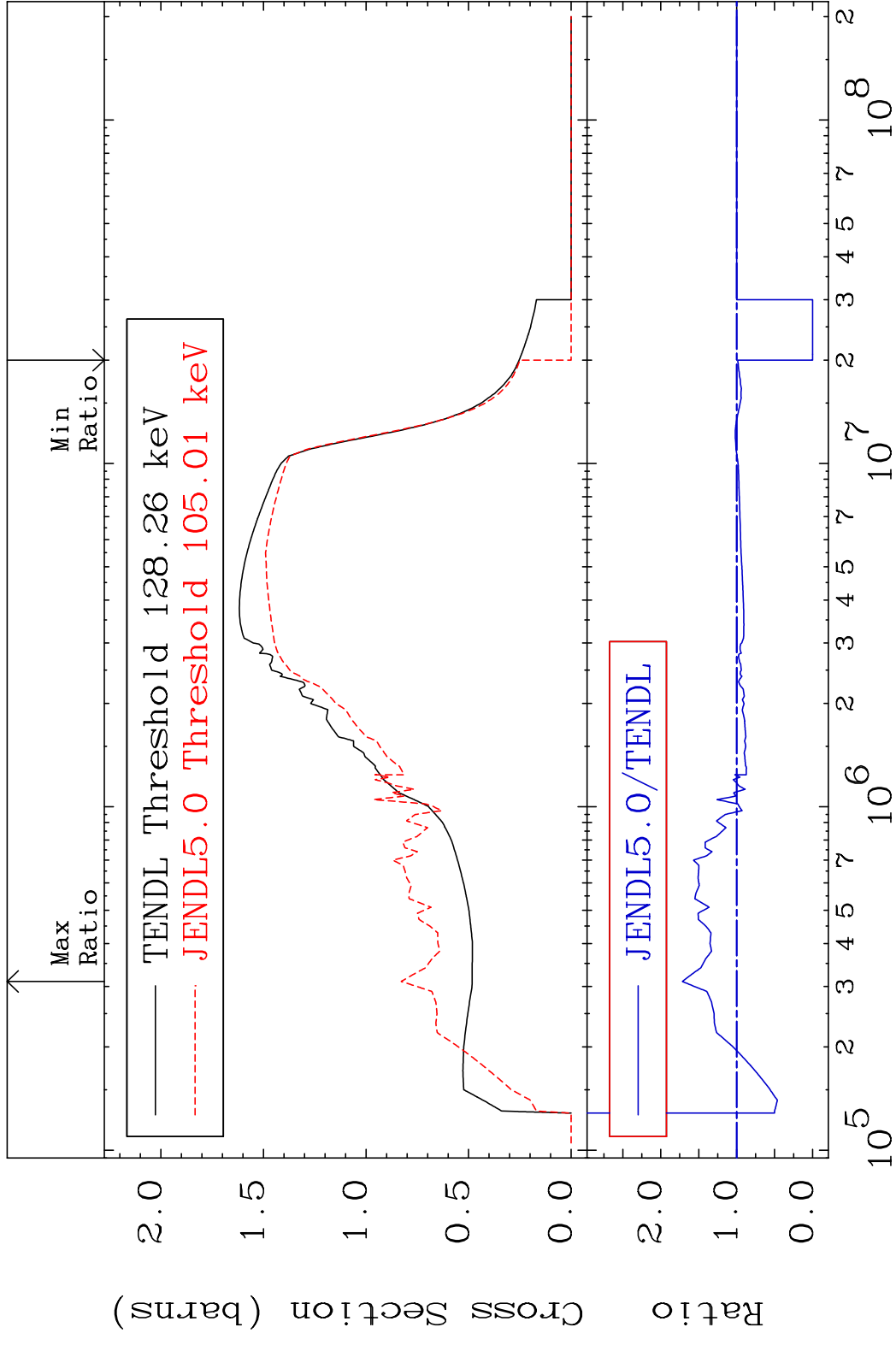
25-Mn-55

MAT 2525                      Elastic                      25-Mn-55  
Cross Section                      -97.35 To 184.0 %



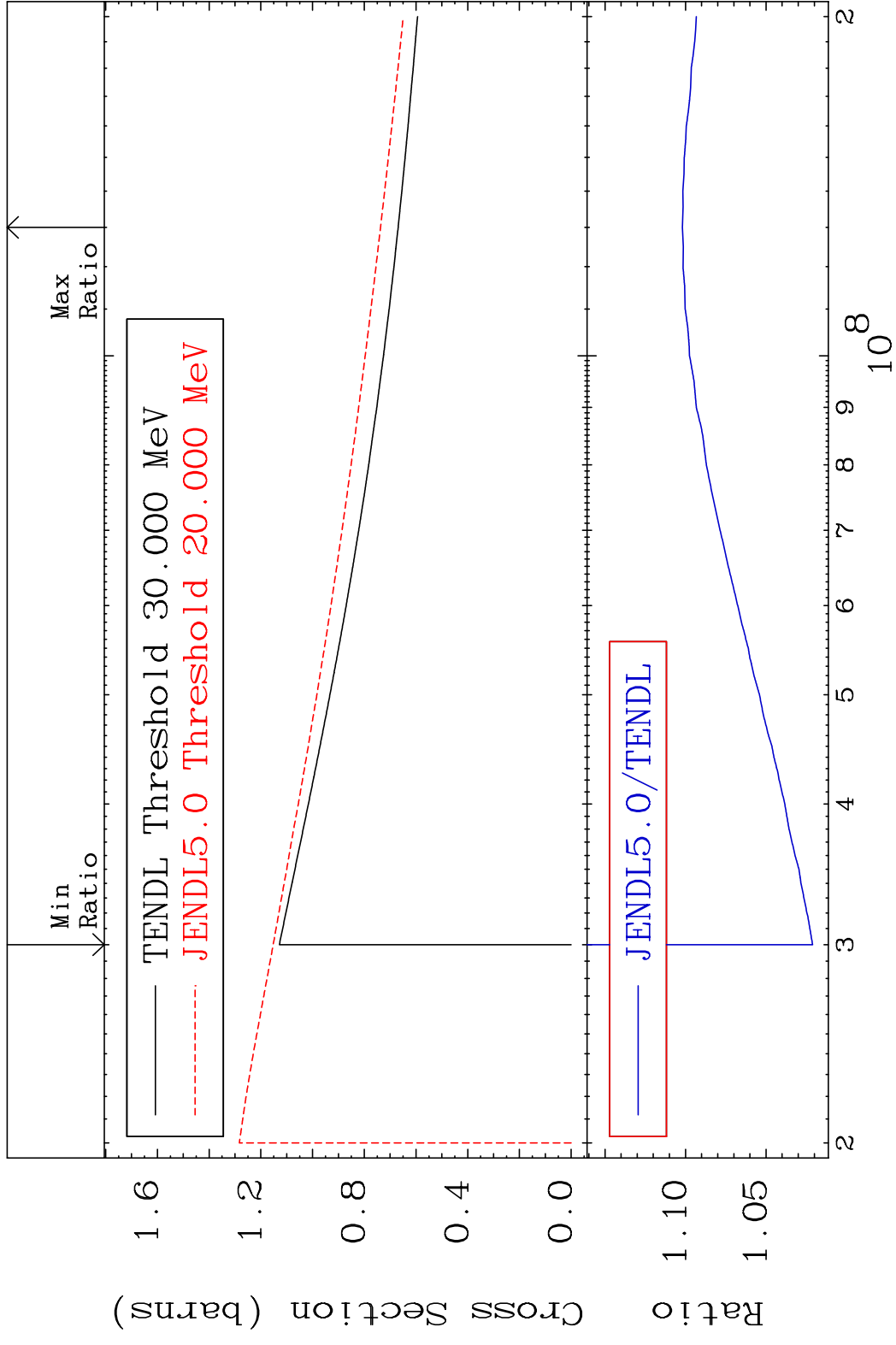
2                      Incident Energy (eV)                      25-Mn-55

MAT 2525 Inelastic 25-Mn-55  
 Cross Section -100.0 To 71.58 %



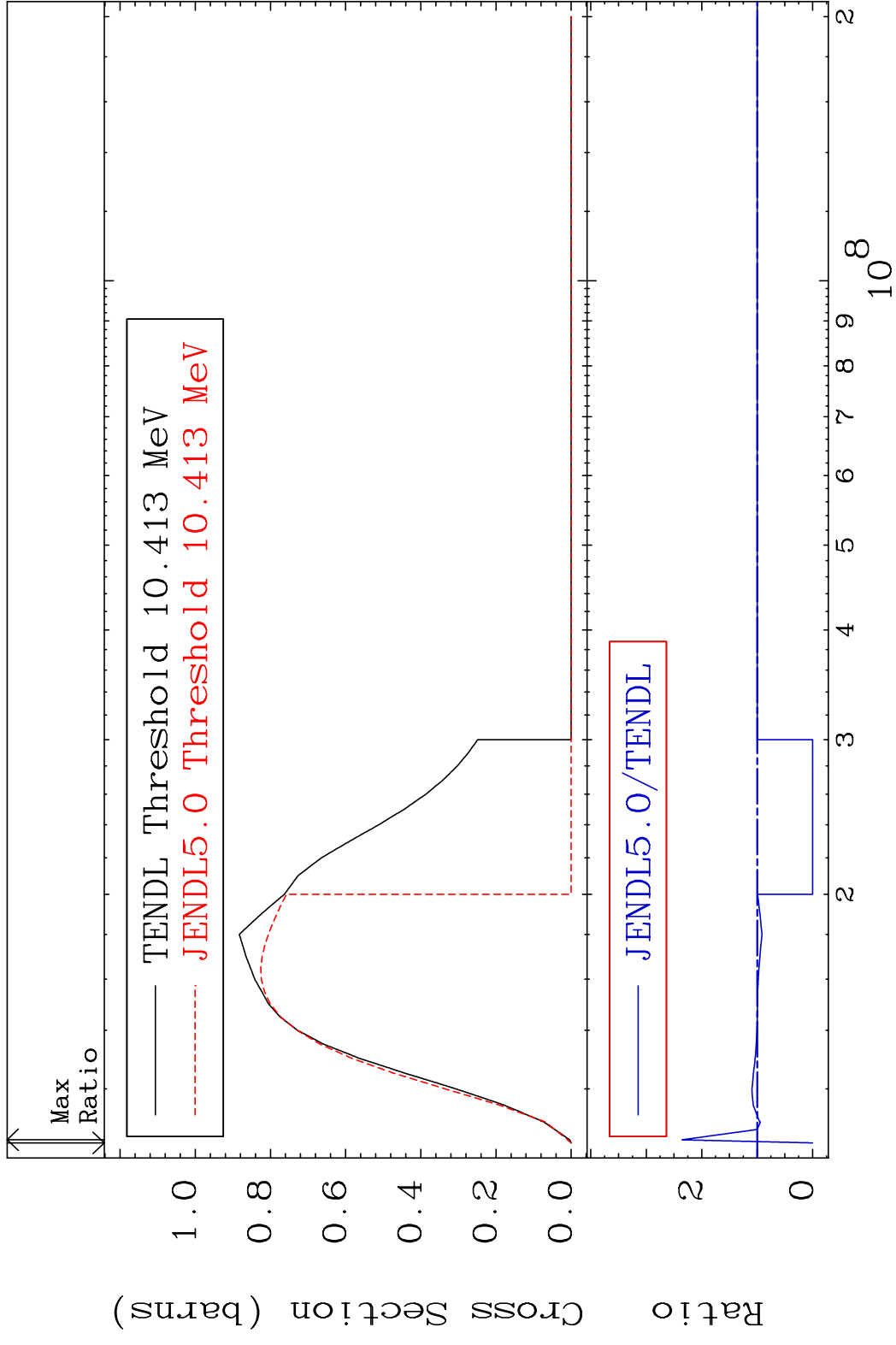
3 3 3 4 5 7 2 3 4 5 7 8 2 25-Mn-55

MAT 2525 (n, remainder) 25-Mn-55  
 Cross Section 2.111 To 10.20 %



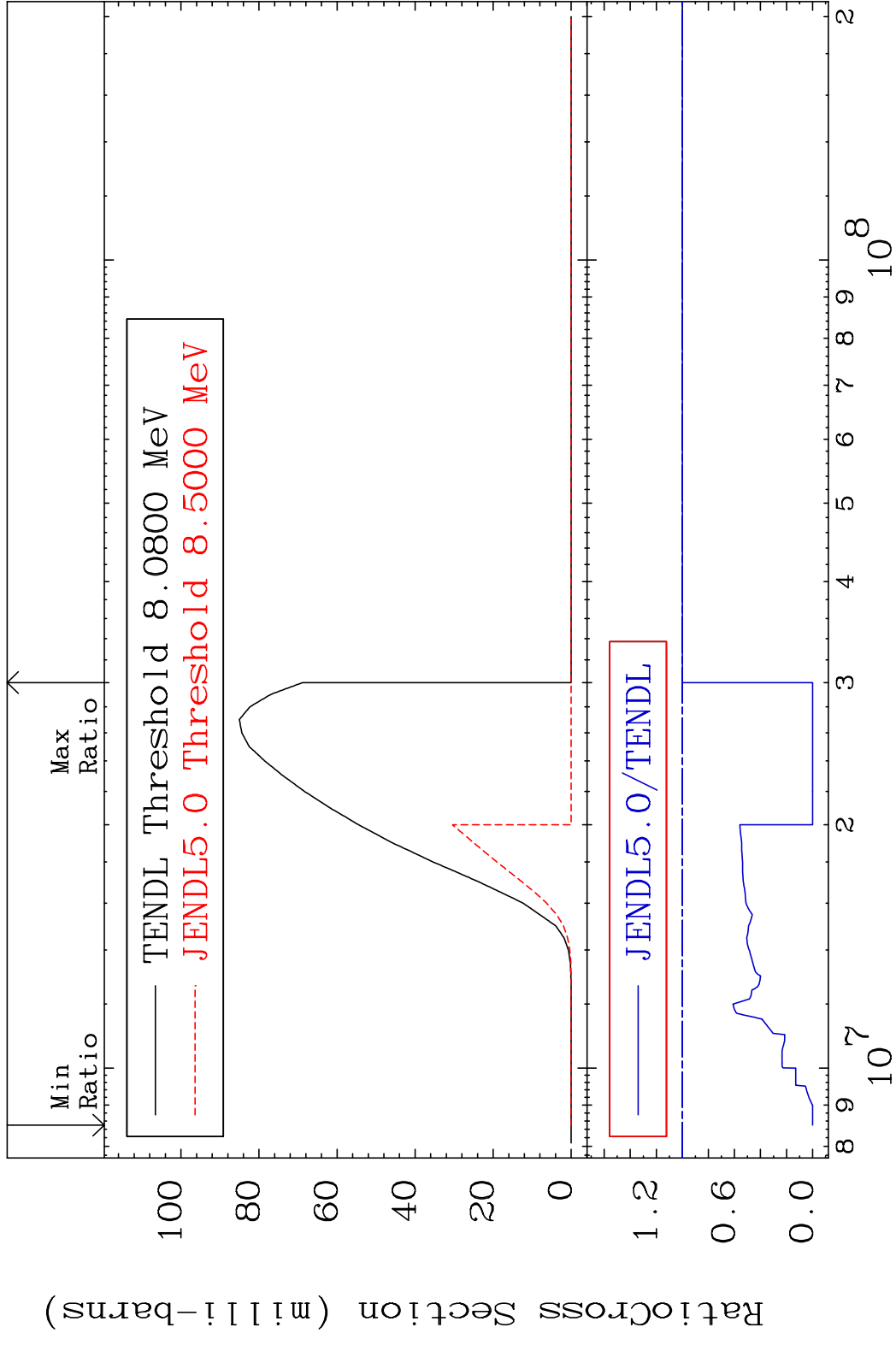
4 Incident Energy (eV) 25-Mn-55

MAT 2525 (n,2n) 25-Mn-55  
 Cross Section -100.0 To 134.9 %



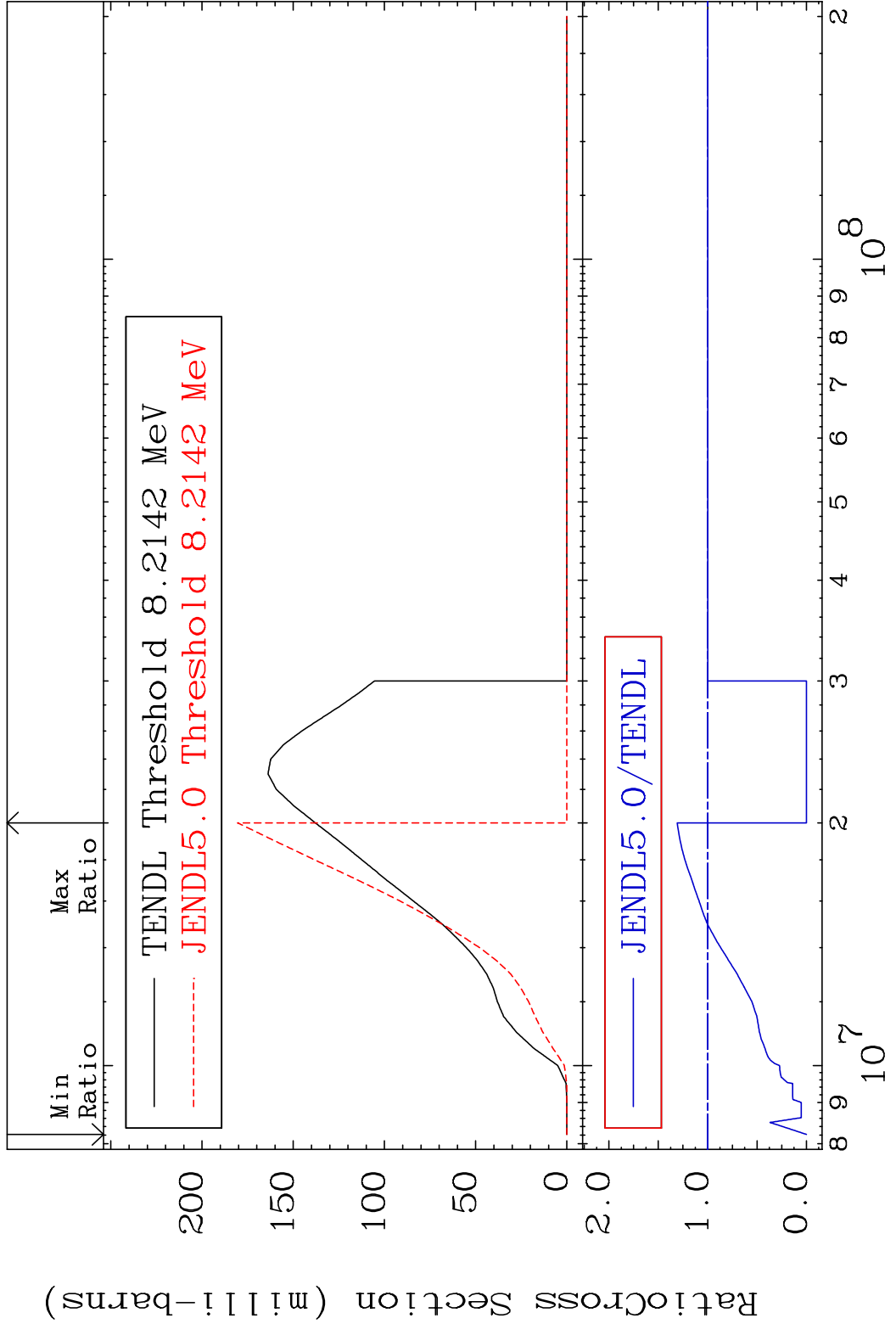


MAT 2525 (n, n')  $\alpha$  25-Mn-55  
 Cross Section -100.0 To 0.000 %



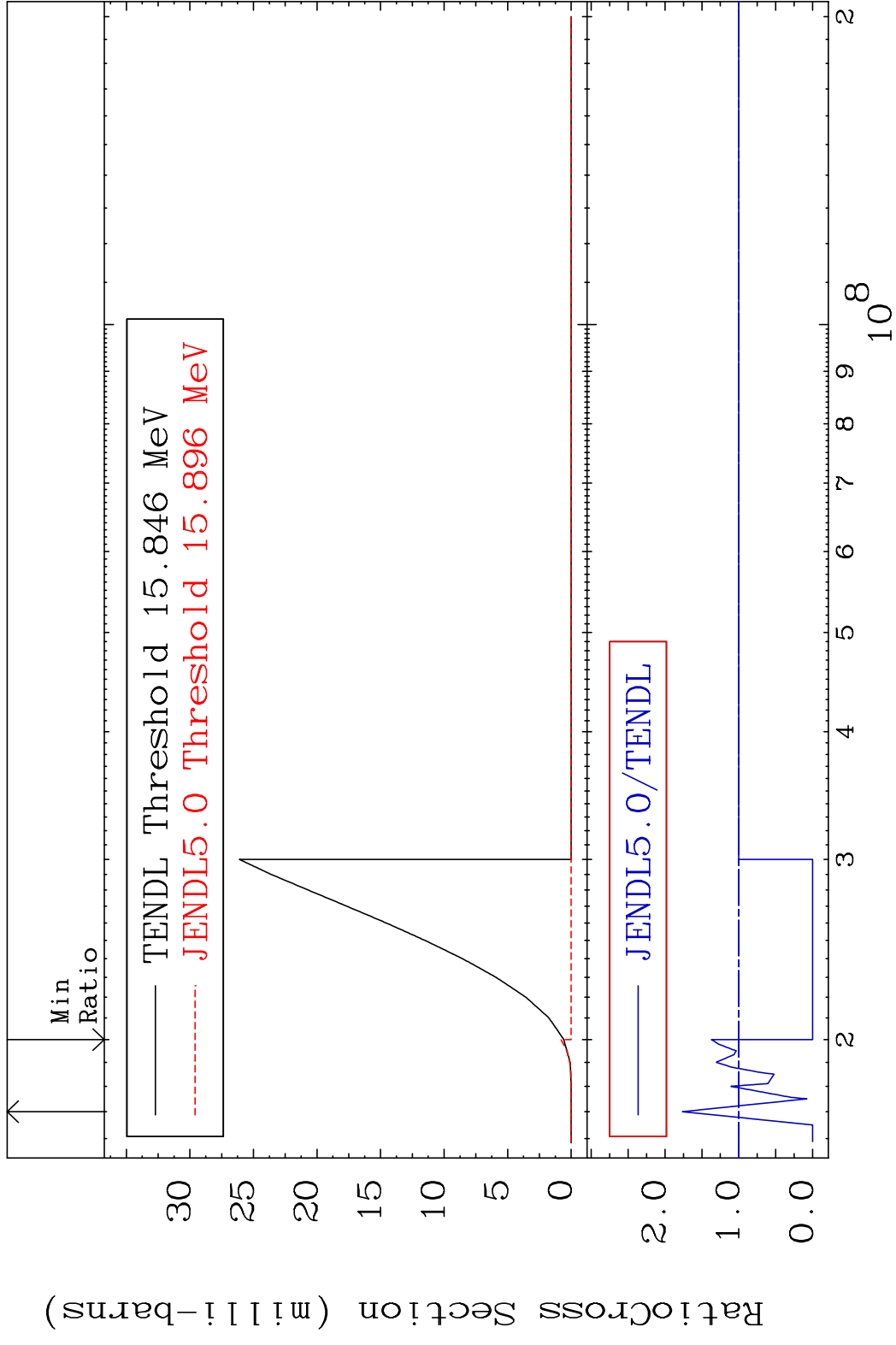
7 Incident Energy (eV) 25-Mn-55

MAT 2525 (n, n') p 25-Mn-55  
 Cross Section -100.0 To 30.87 %

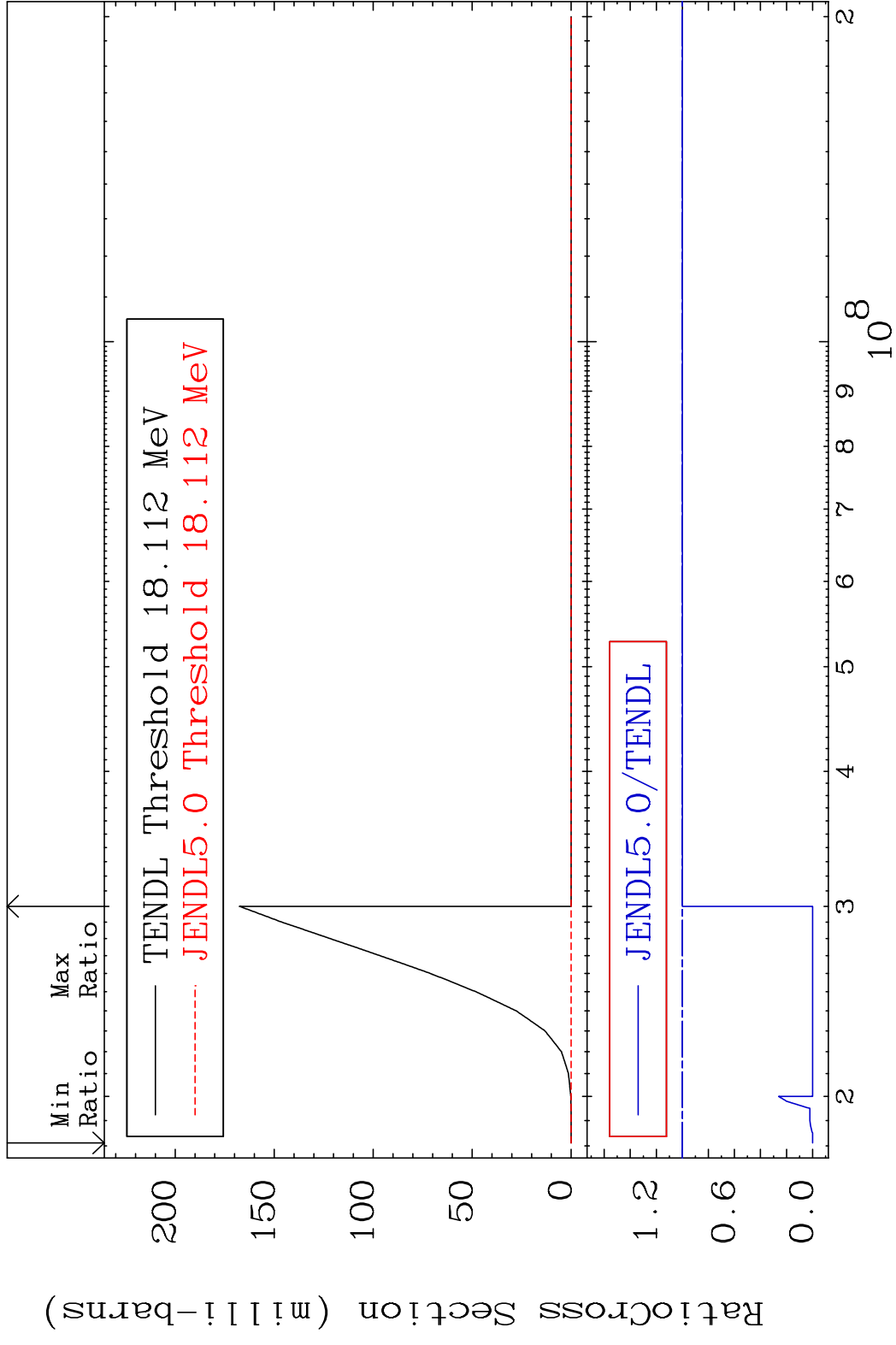


8 8 9 10<sup>7</sup> 2 3 4 5 6 7 8 9 10<sup>8</sup> 25-Mn-55

MAT 2525 (n, n') d 25-Mn-55  
 Cross Section -100.0 To 76.48 %

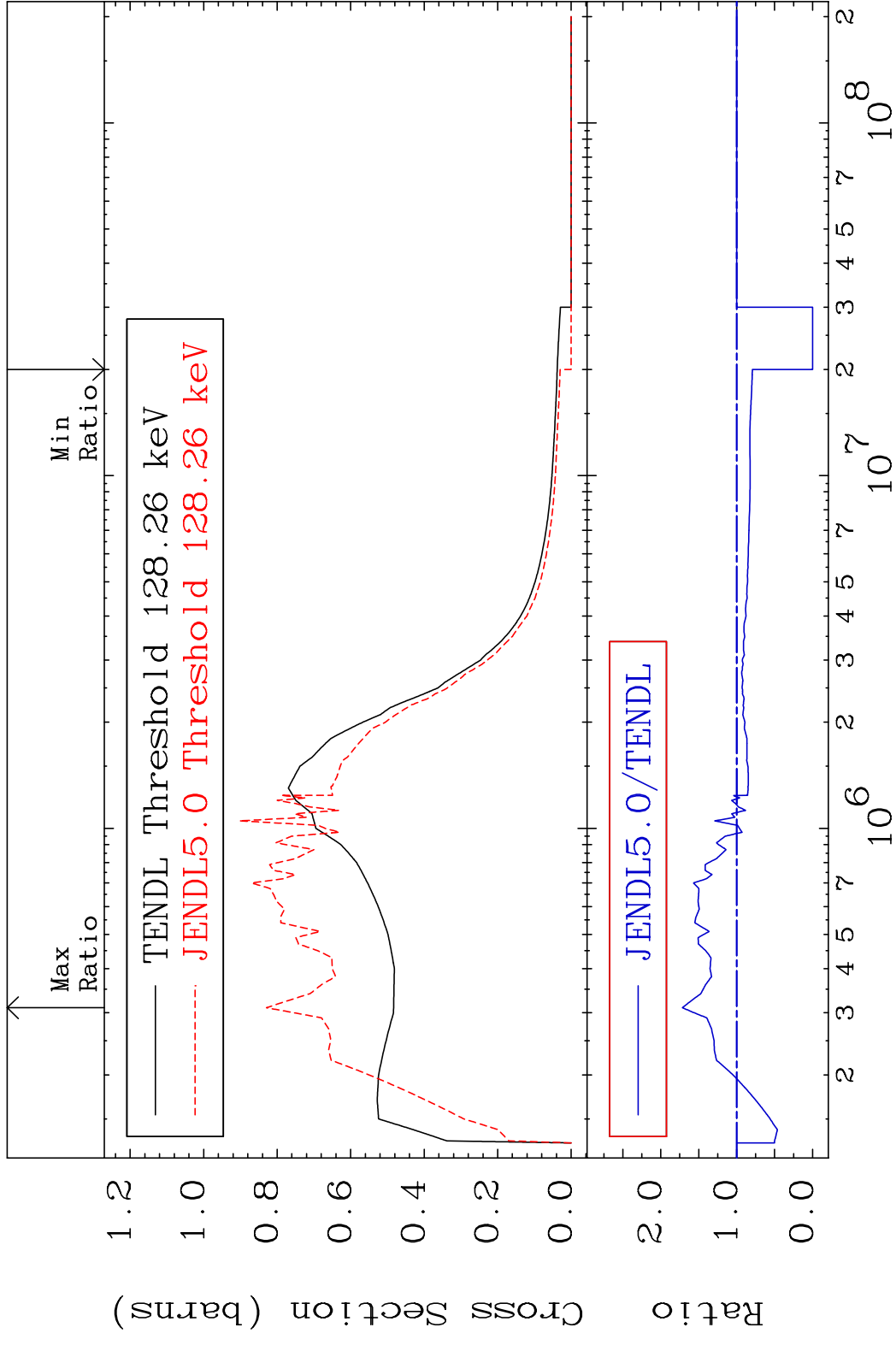


MAT 2525 (n,2n) p 25-Mn-55  
 Cross Section -100.0 To 0.000 %

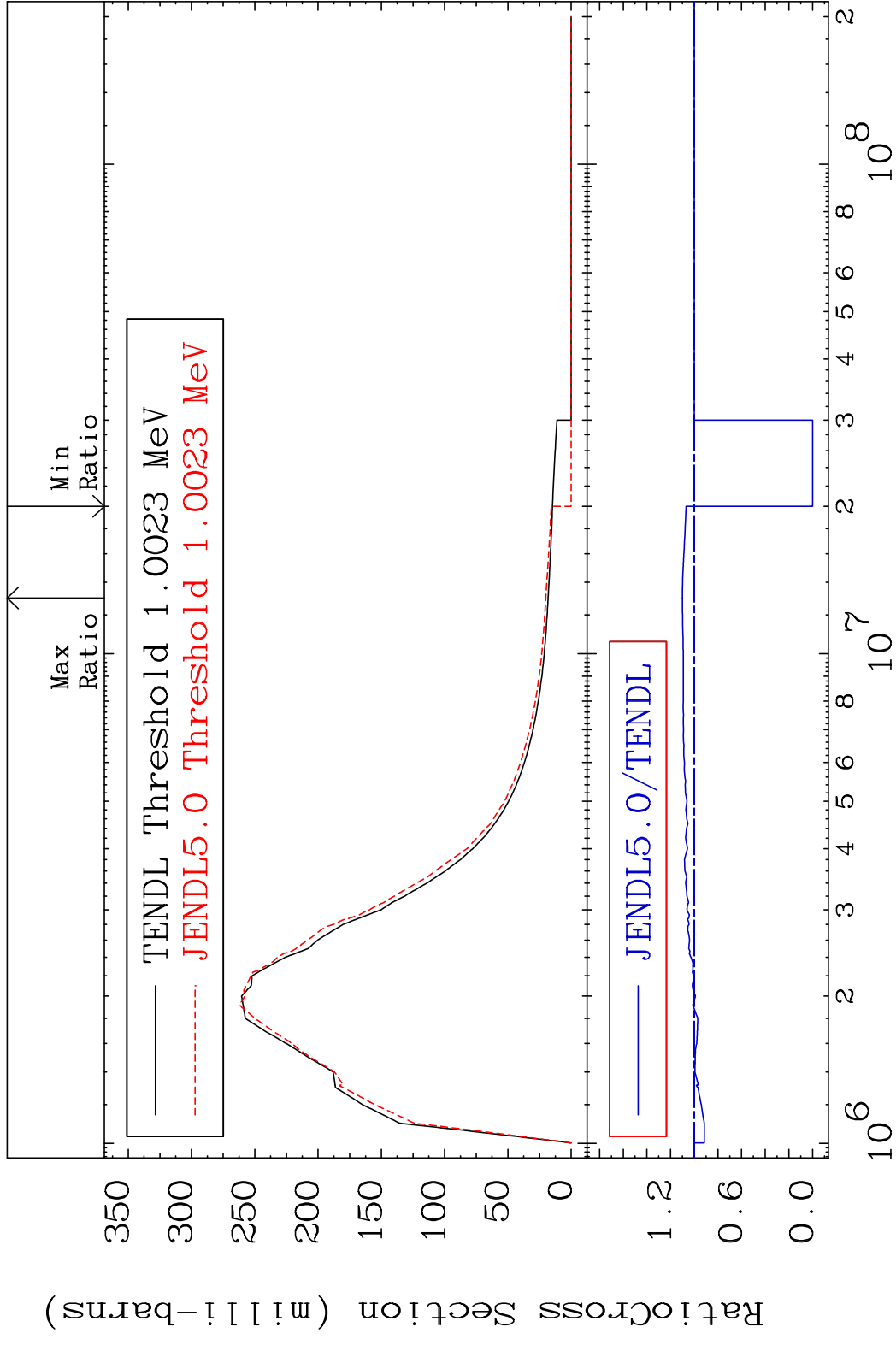


10 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 51 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 71.58 %

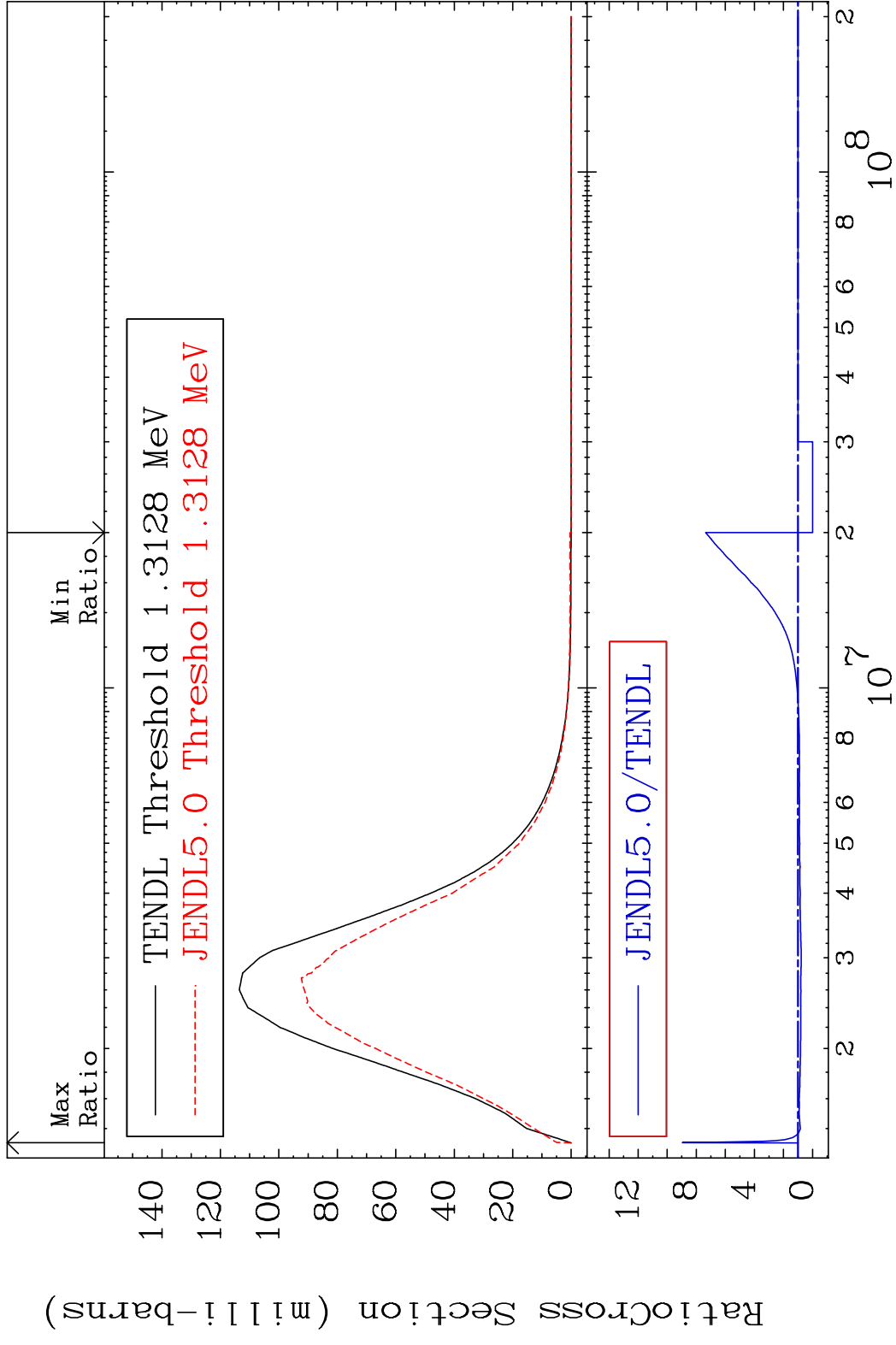


MAT 2525 MT= 52 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 10.03 %

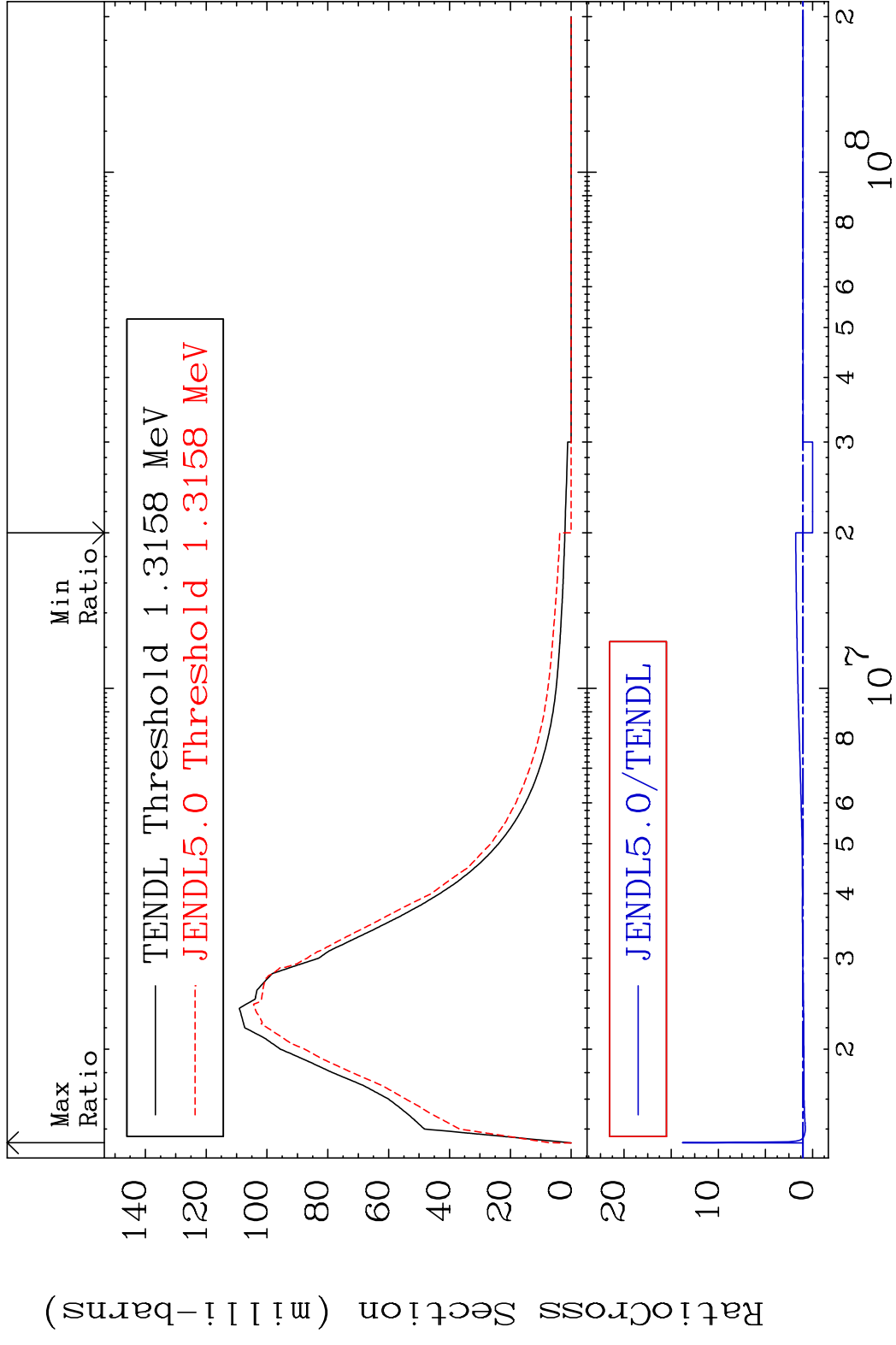


12 25-Mn-55

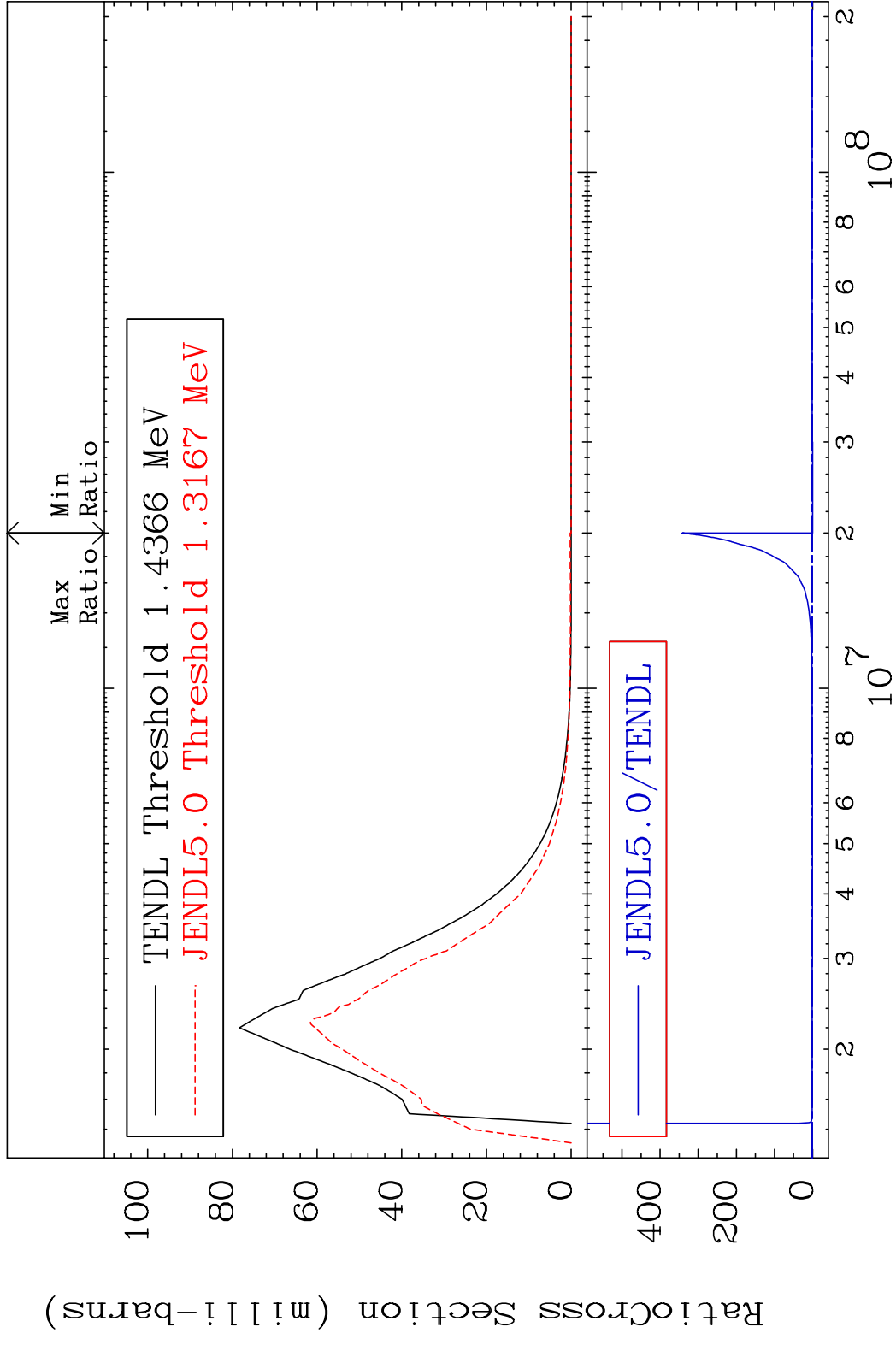
MAT 2525 MT= 53 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 795.9 %



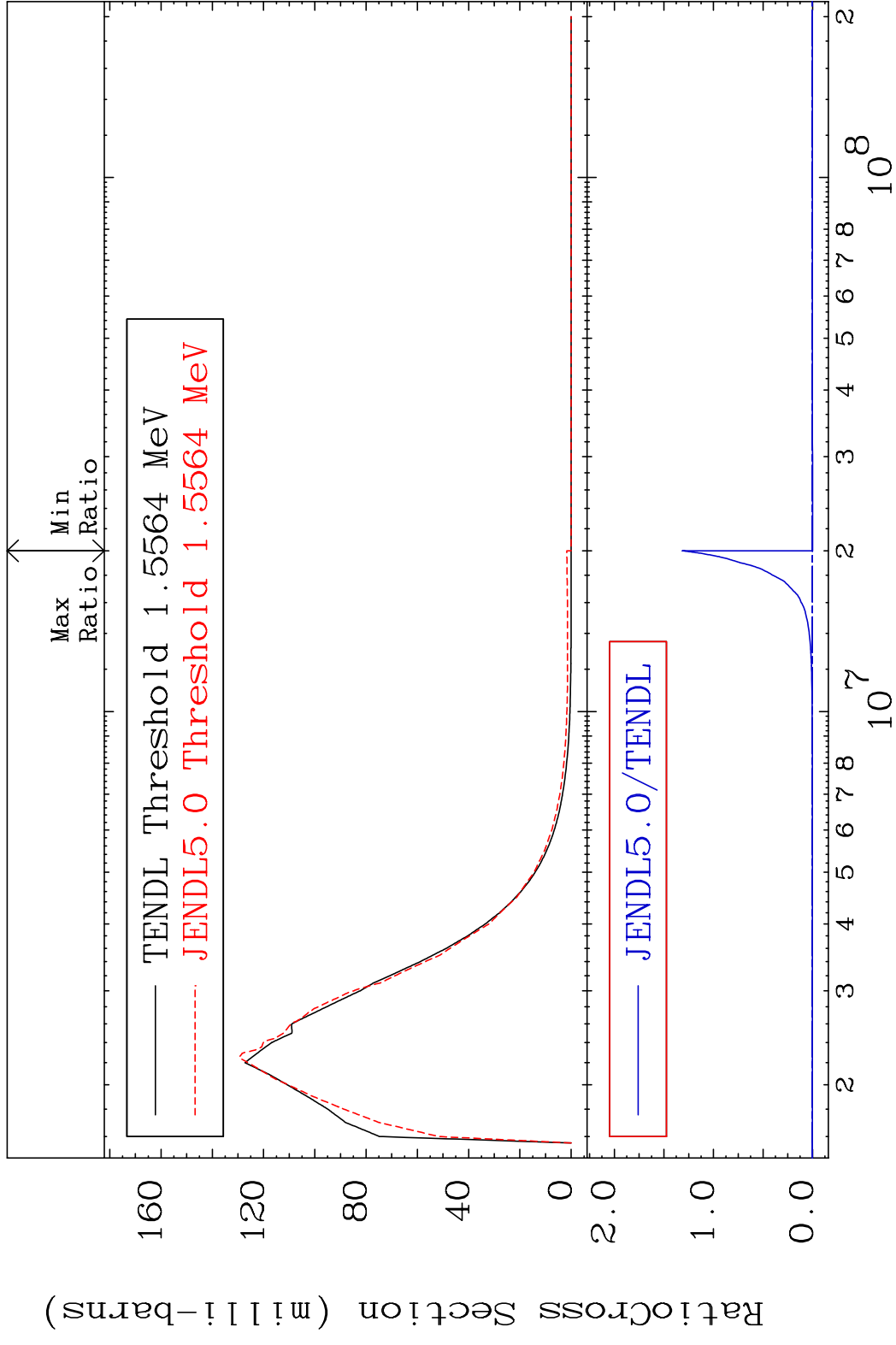
MAT 2525 MT= 54 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 1282. %



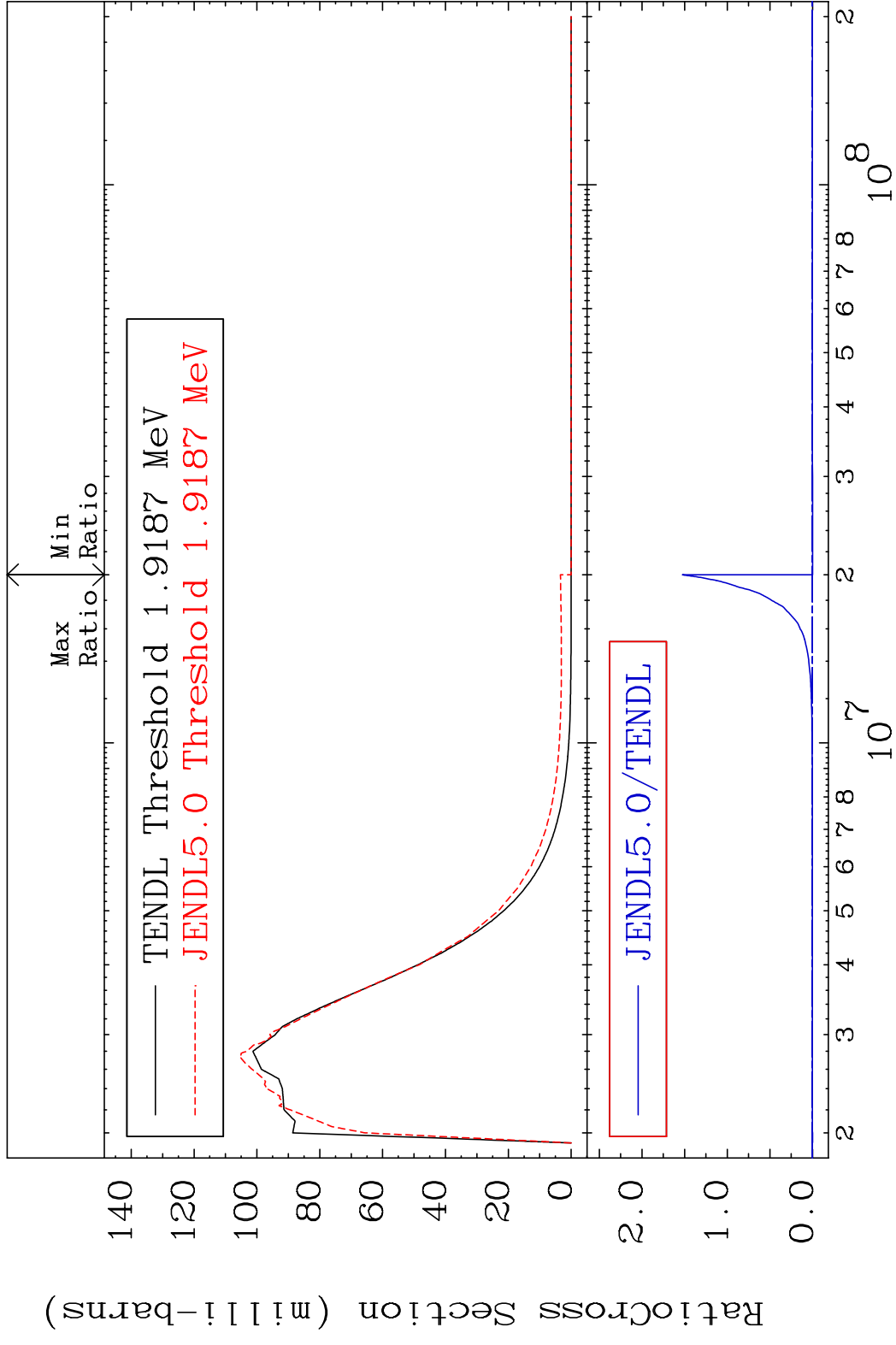
MAT 2525 MT= 55 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



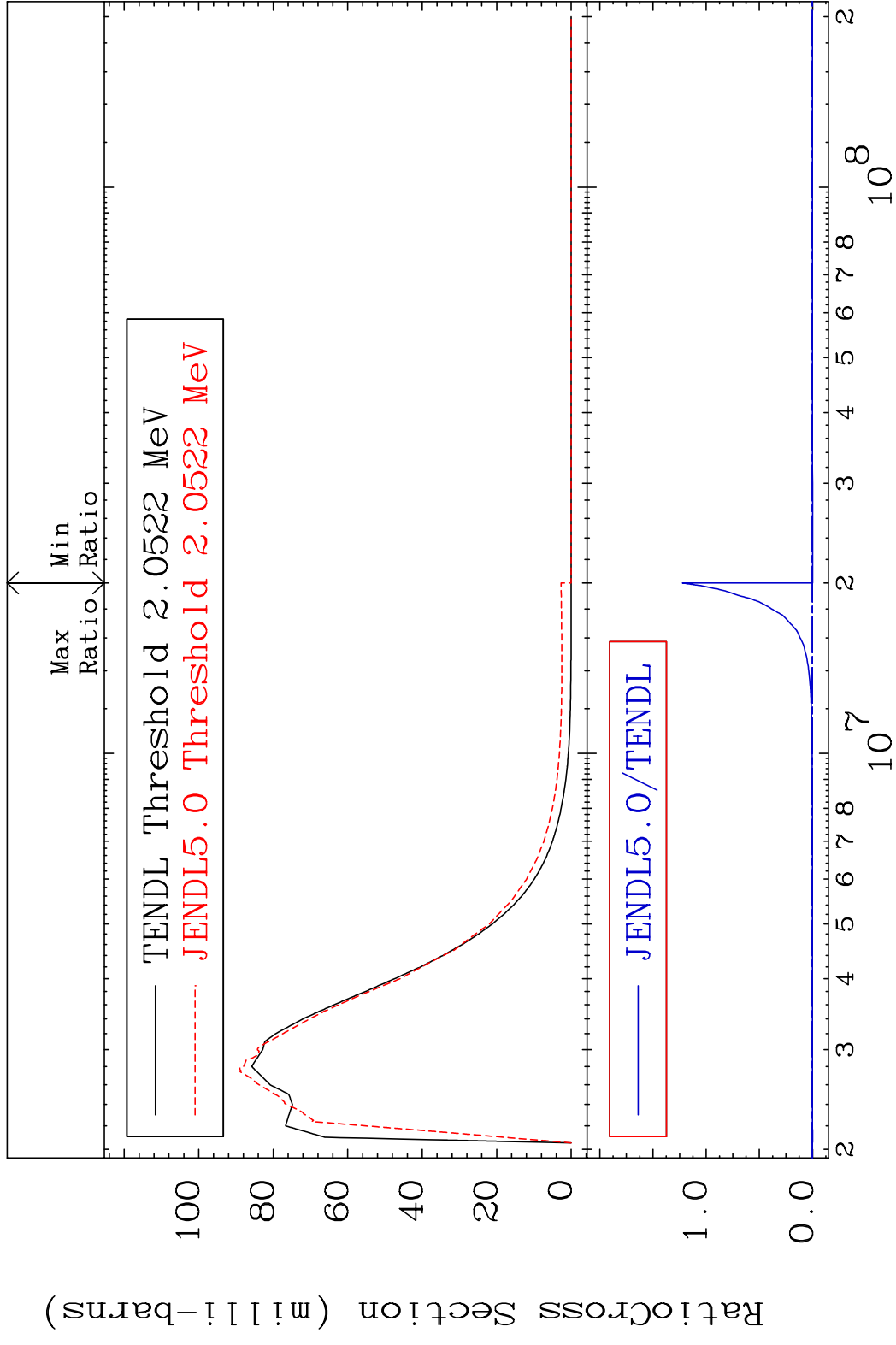
MAT 2525 MT= 56 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



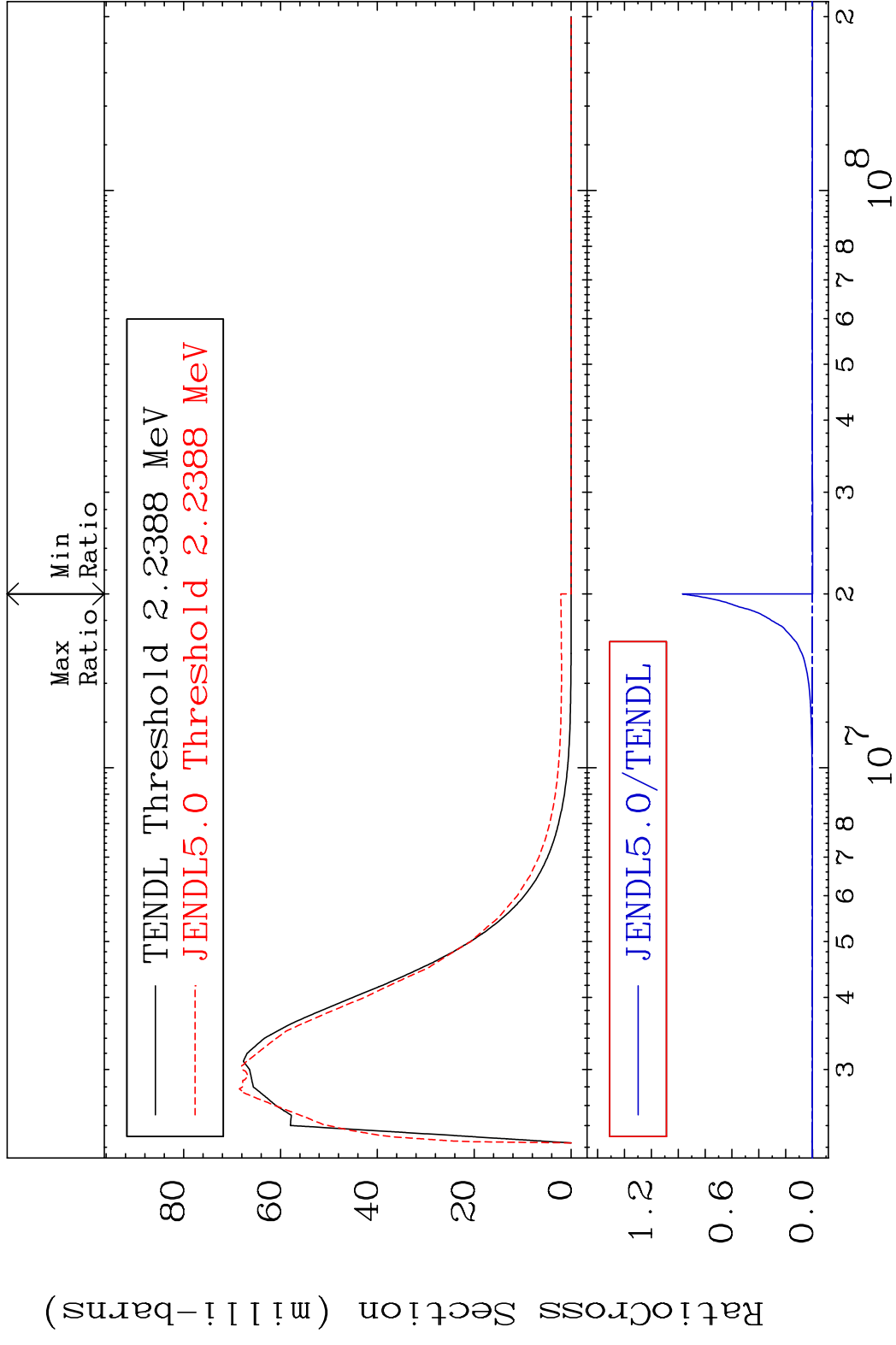
MAT 2525 MT= 57 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



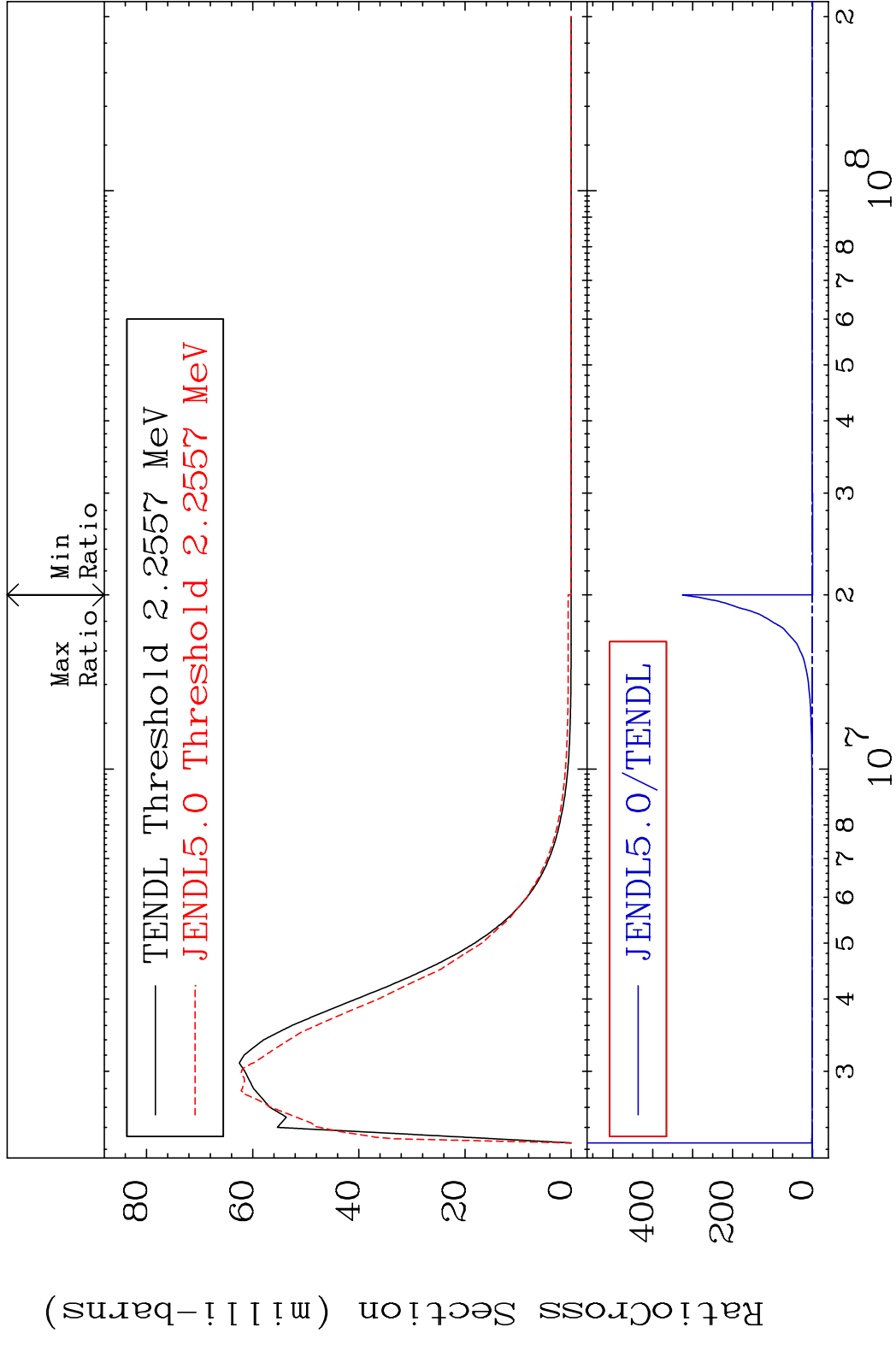
MAT 2525 MT= 58 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 59 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

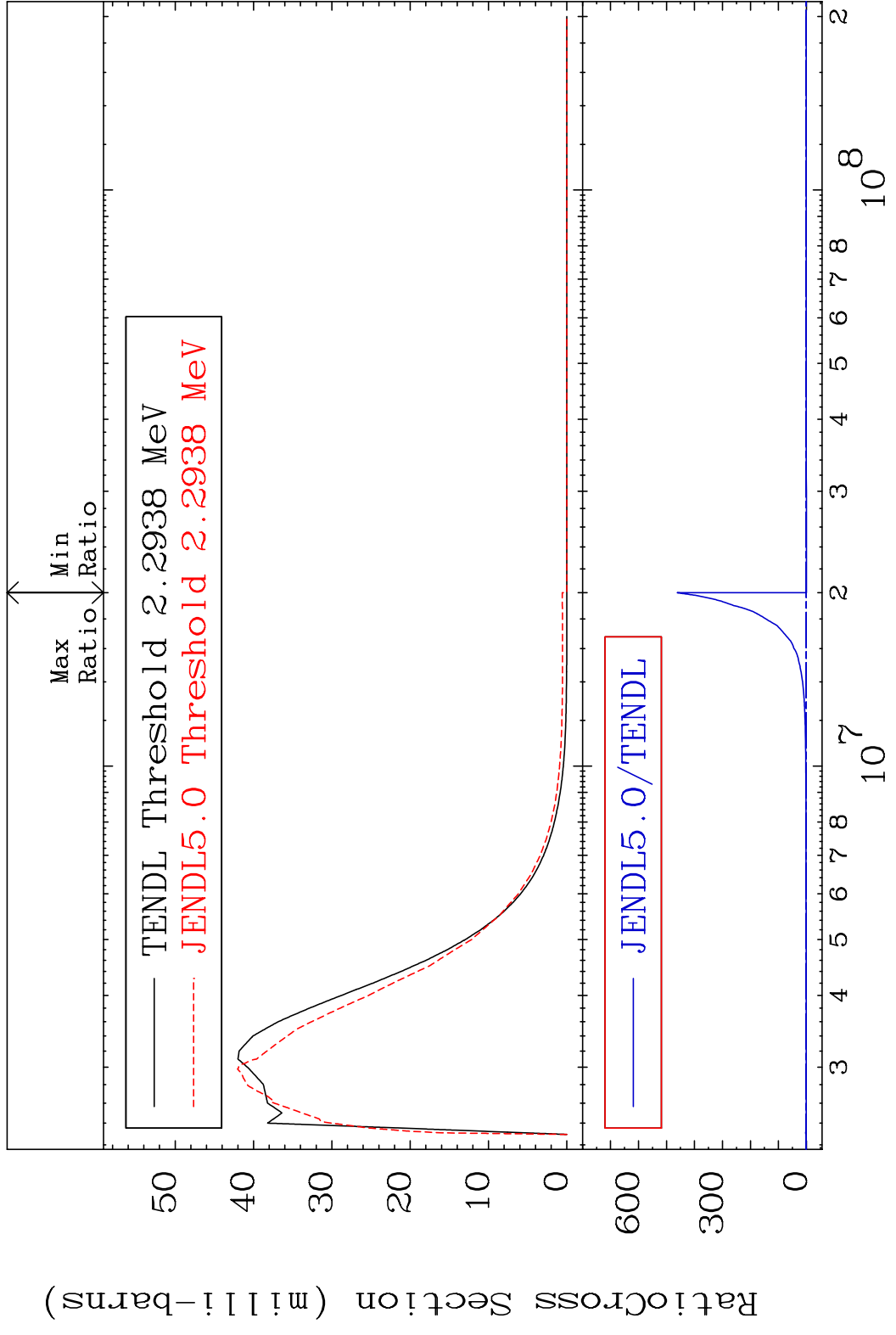


MAT 2525 MT= 60 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

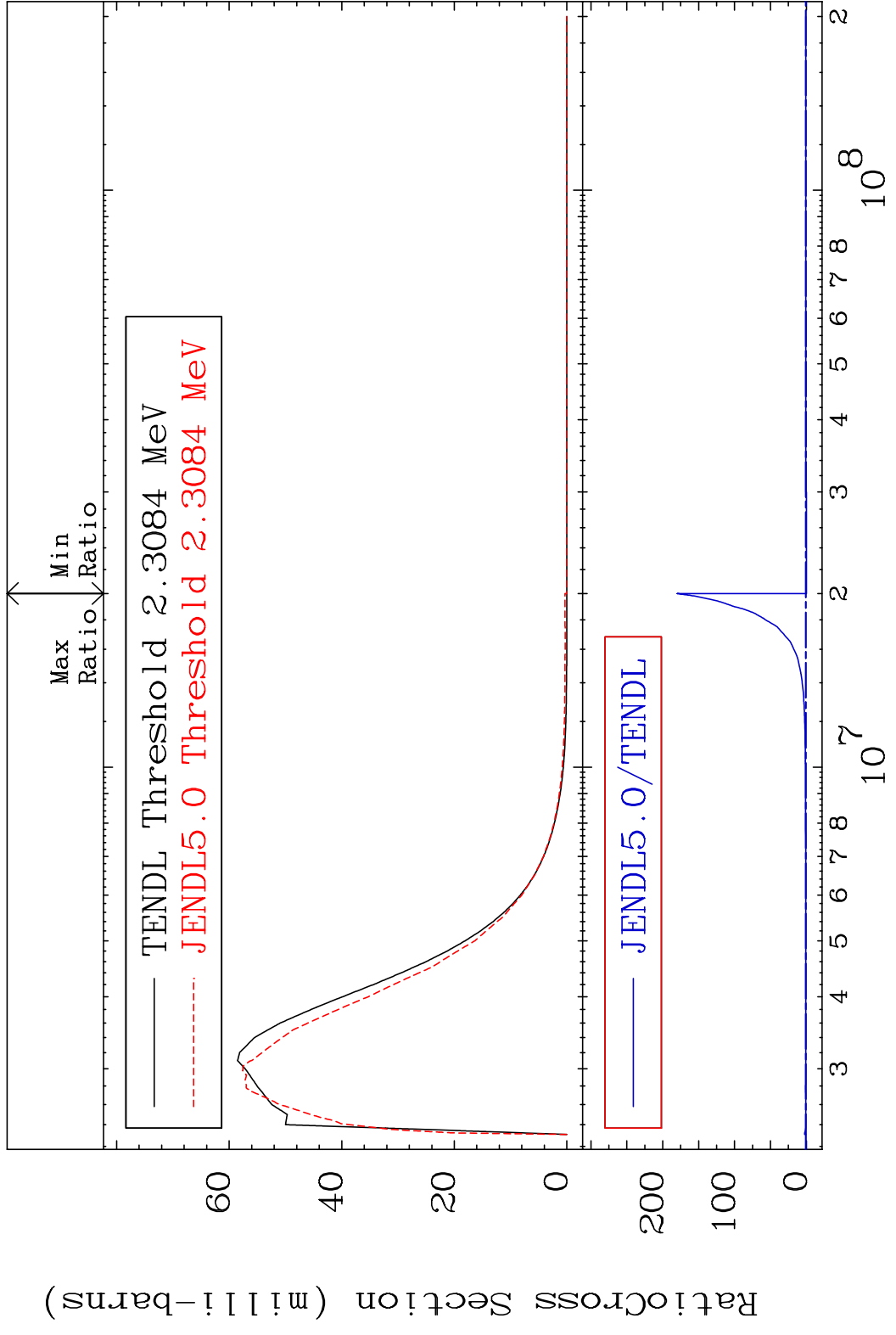


20 Incident Energy (eV) 25-Mn-55

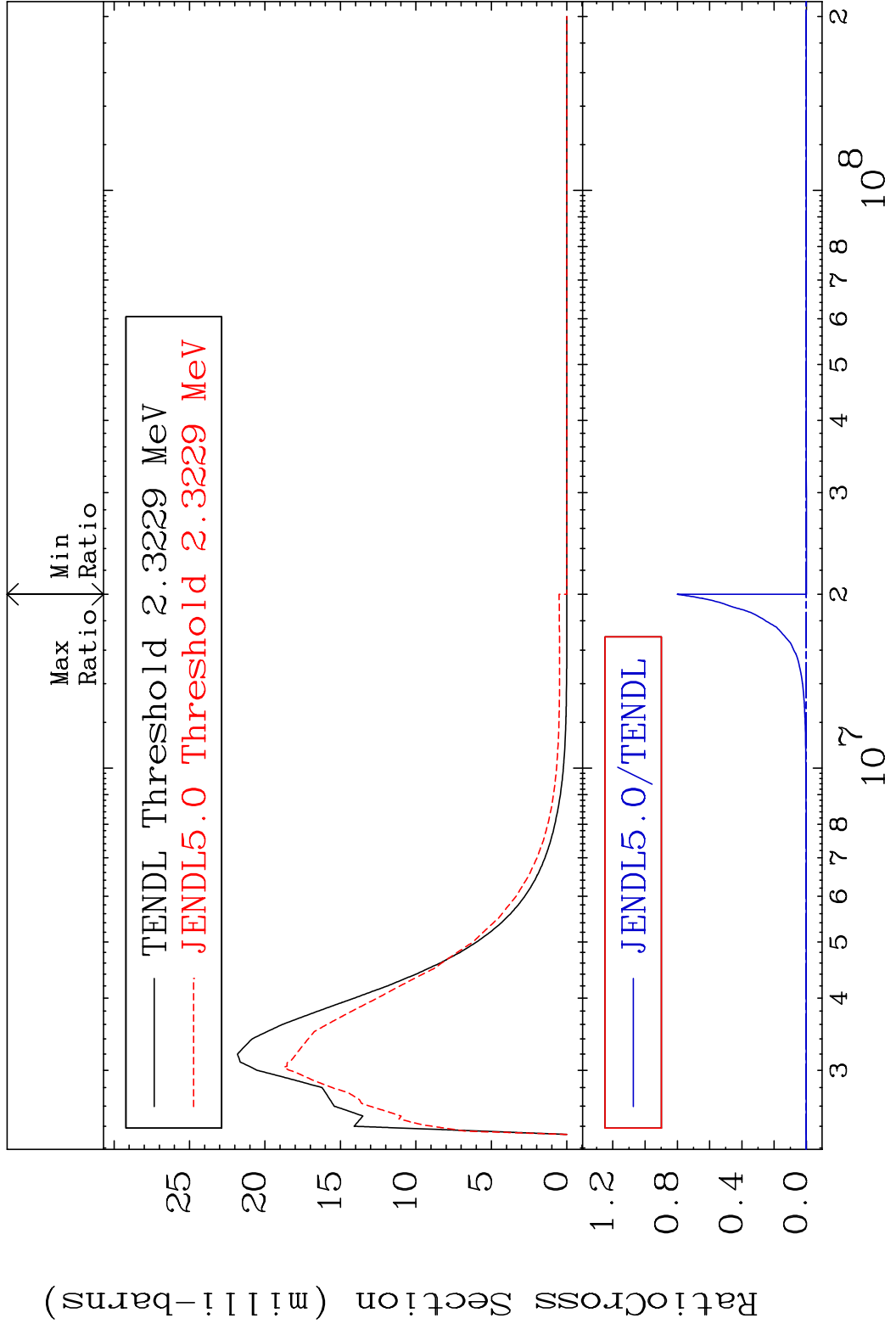
MAT 2525 MT= 61 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



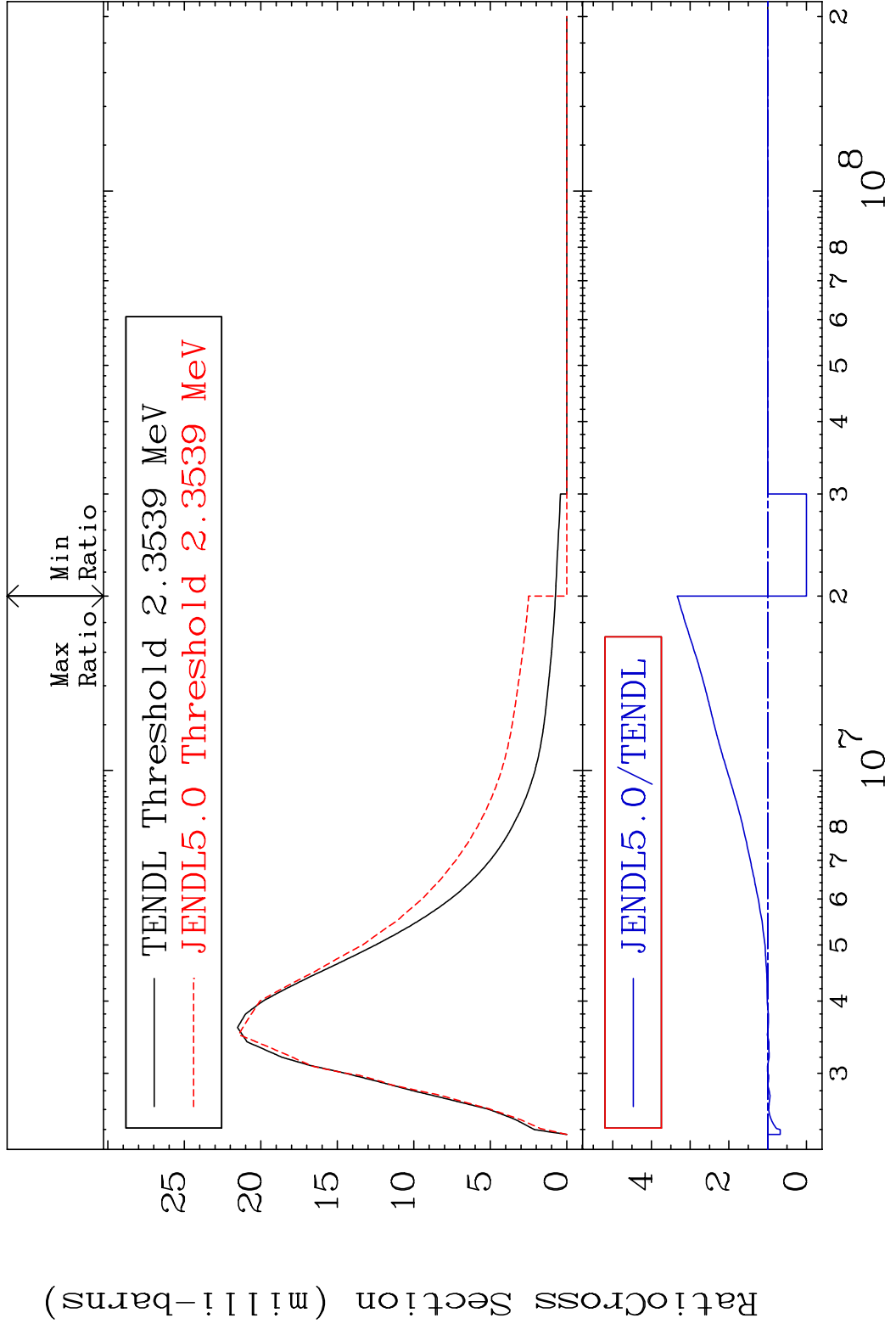
MAT 2525 MT= 62 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



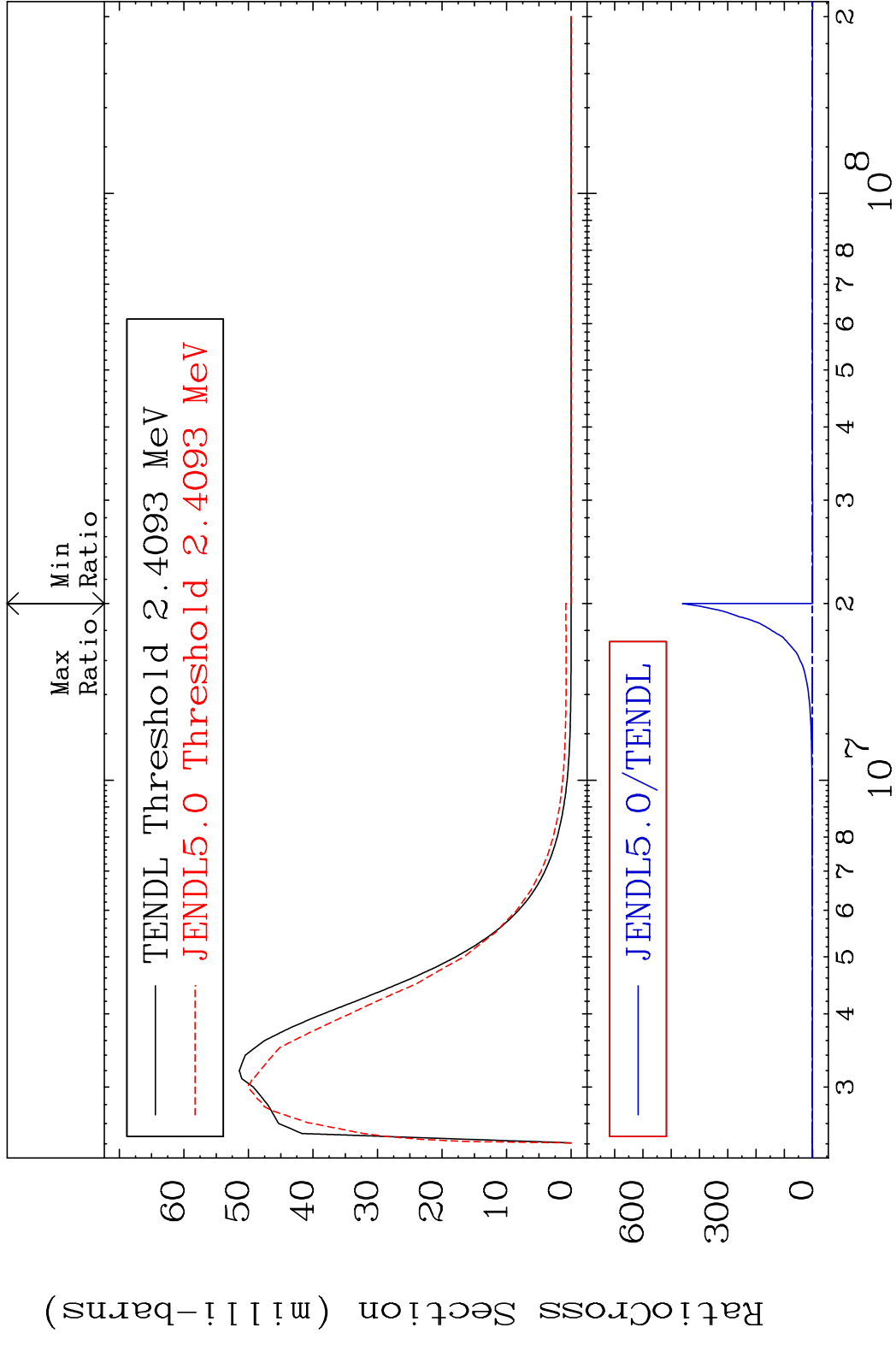
MAT 2525 MT= 63 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 64 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 233.5 %

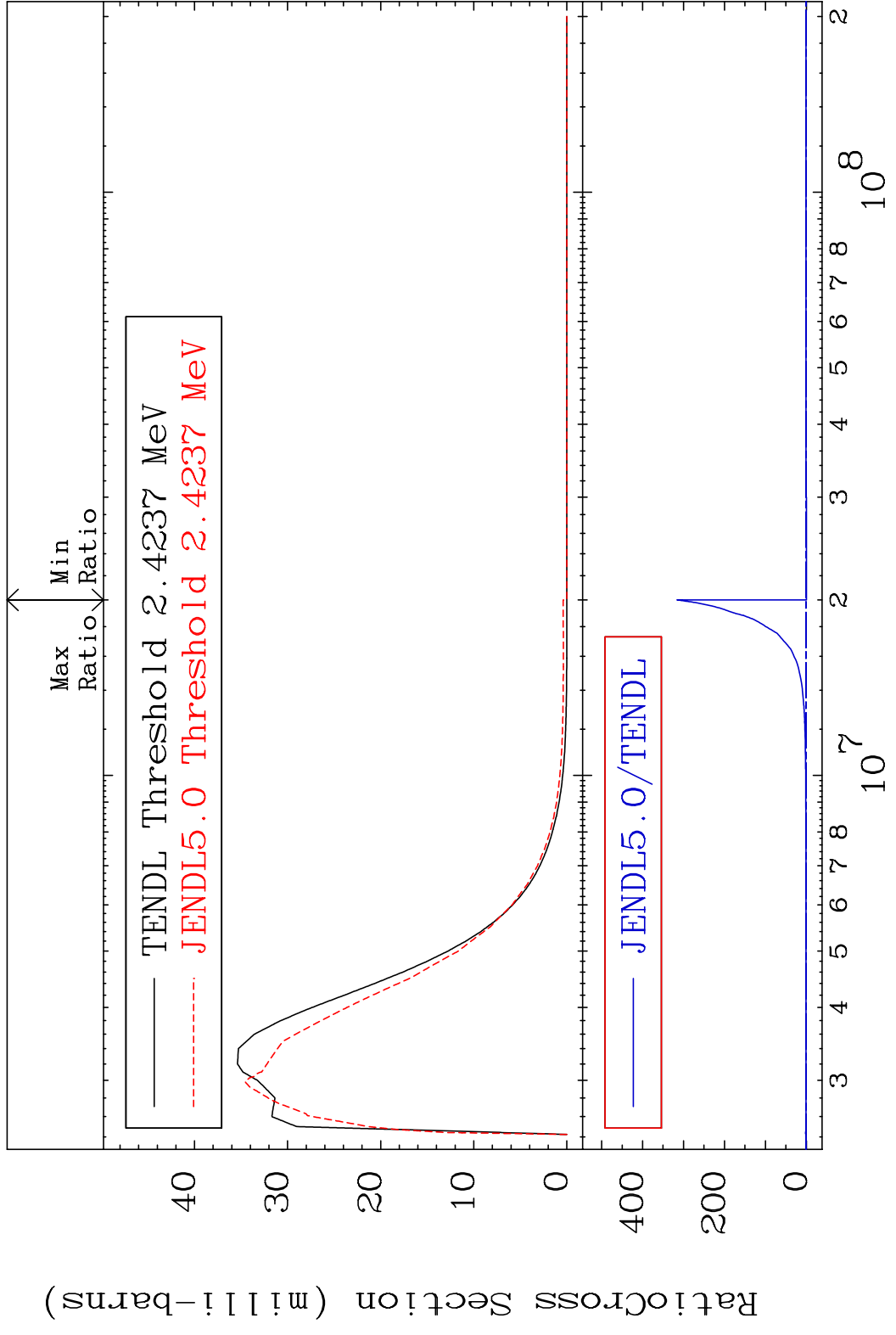


MAT 2525 MT= 65 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

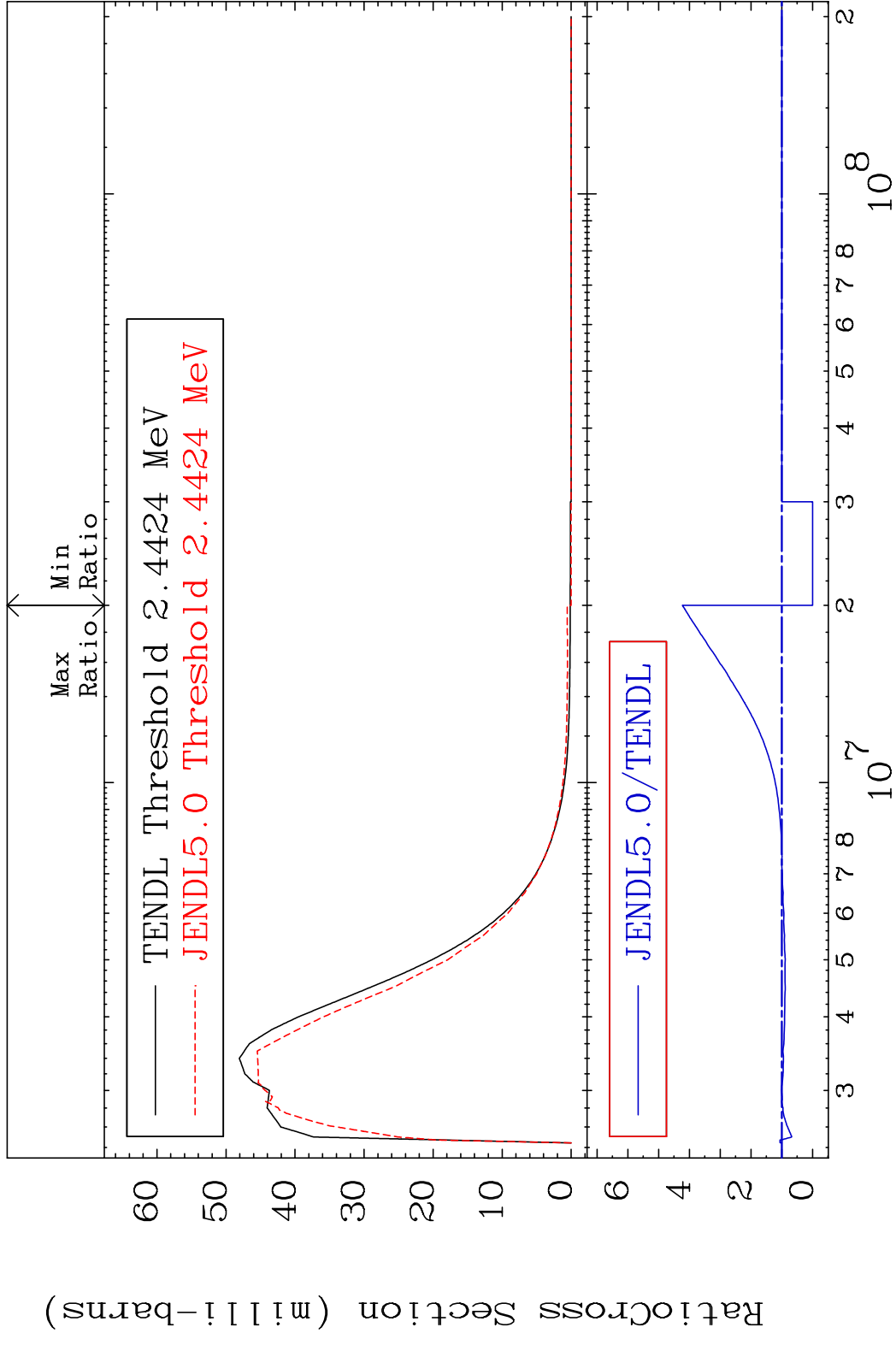


25 25-Mn-55

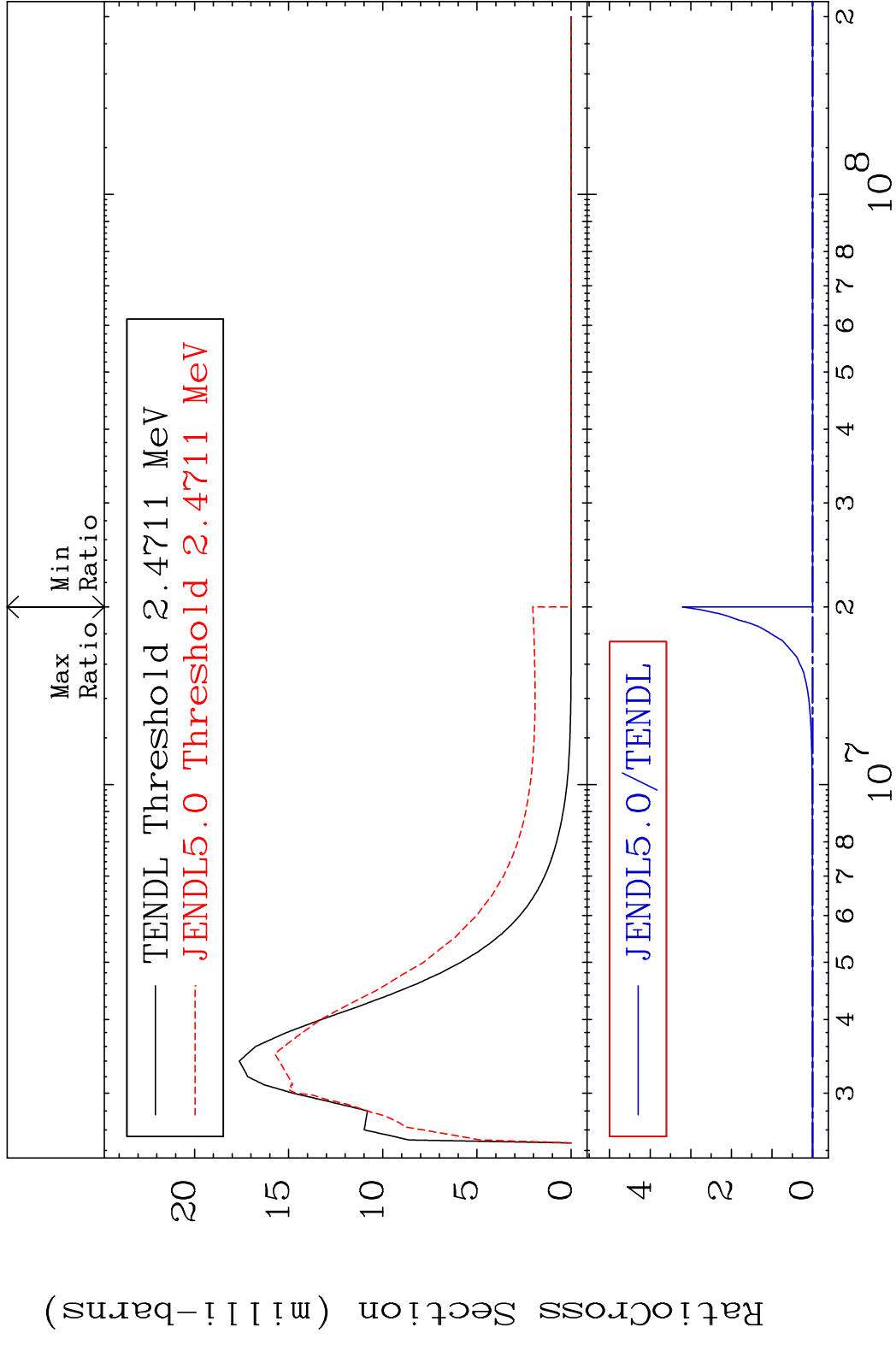
MAT 2525 MT= 66 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



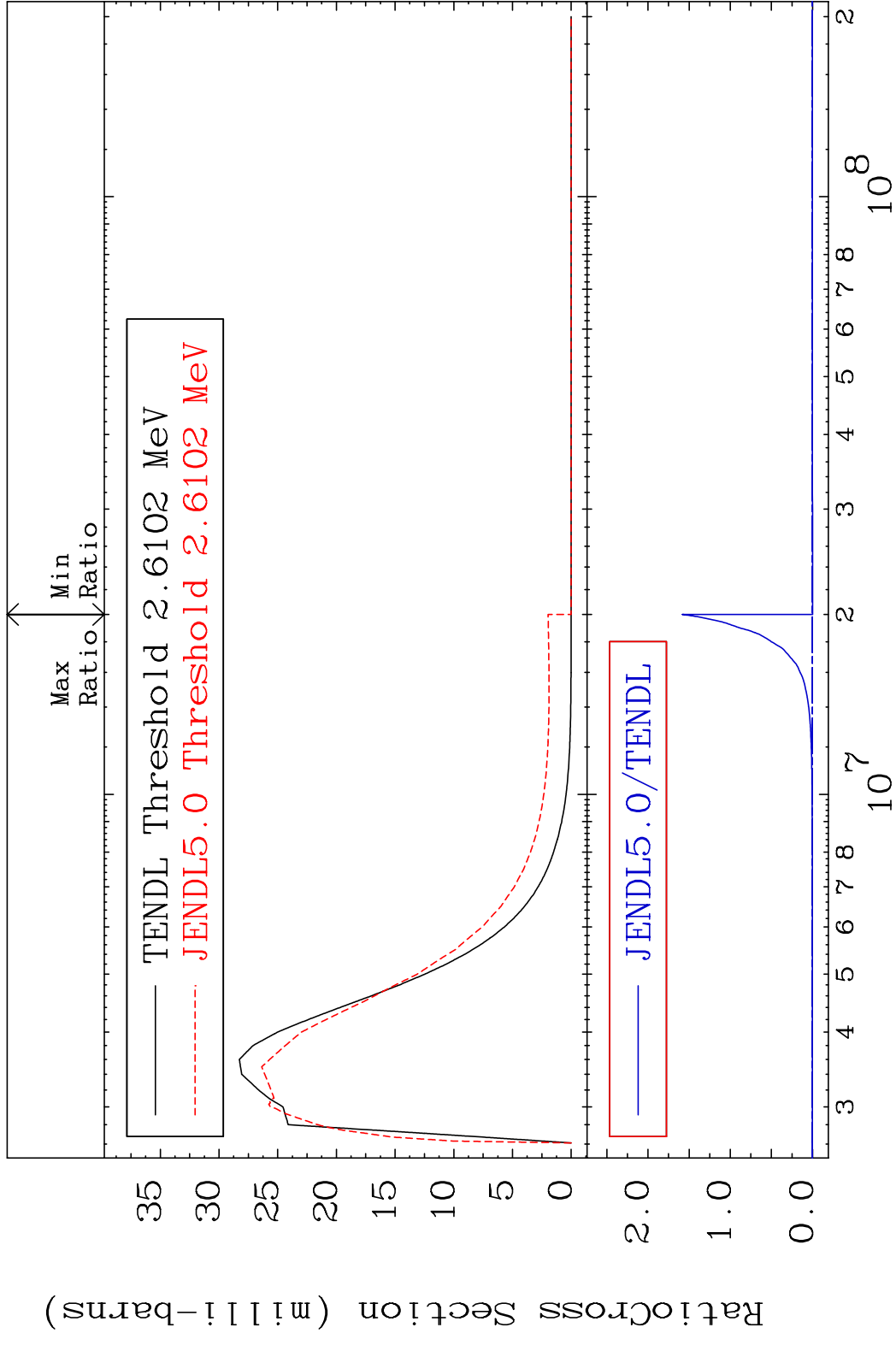
MAT 2525      MT= 67 (n, n') Level      25-Mn-55  
 Cross Section      -100.0 To 322.9 %



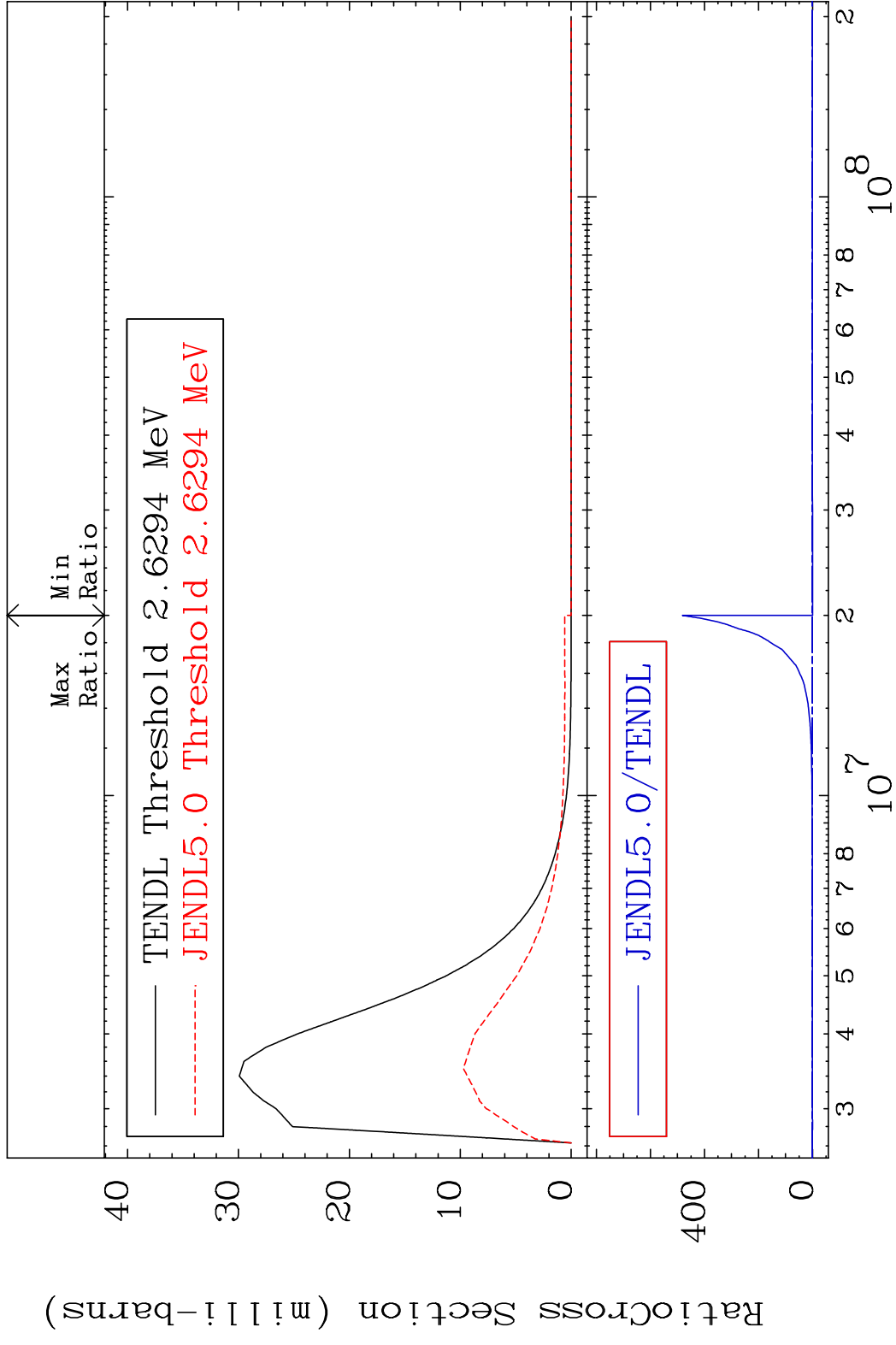
MAT 2525 MT= 68 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 69 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

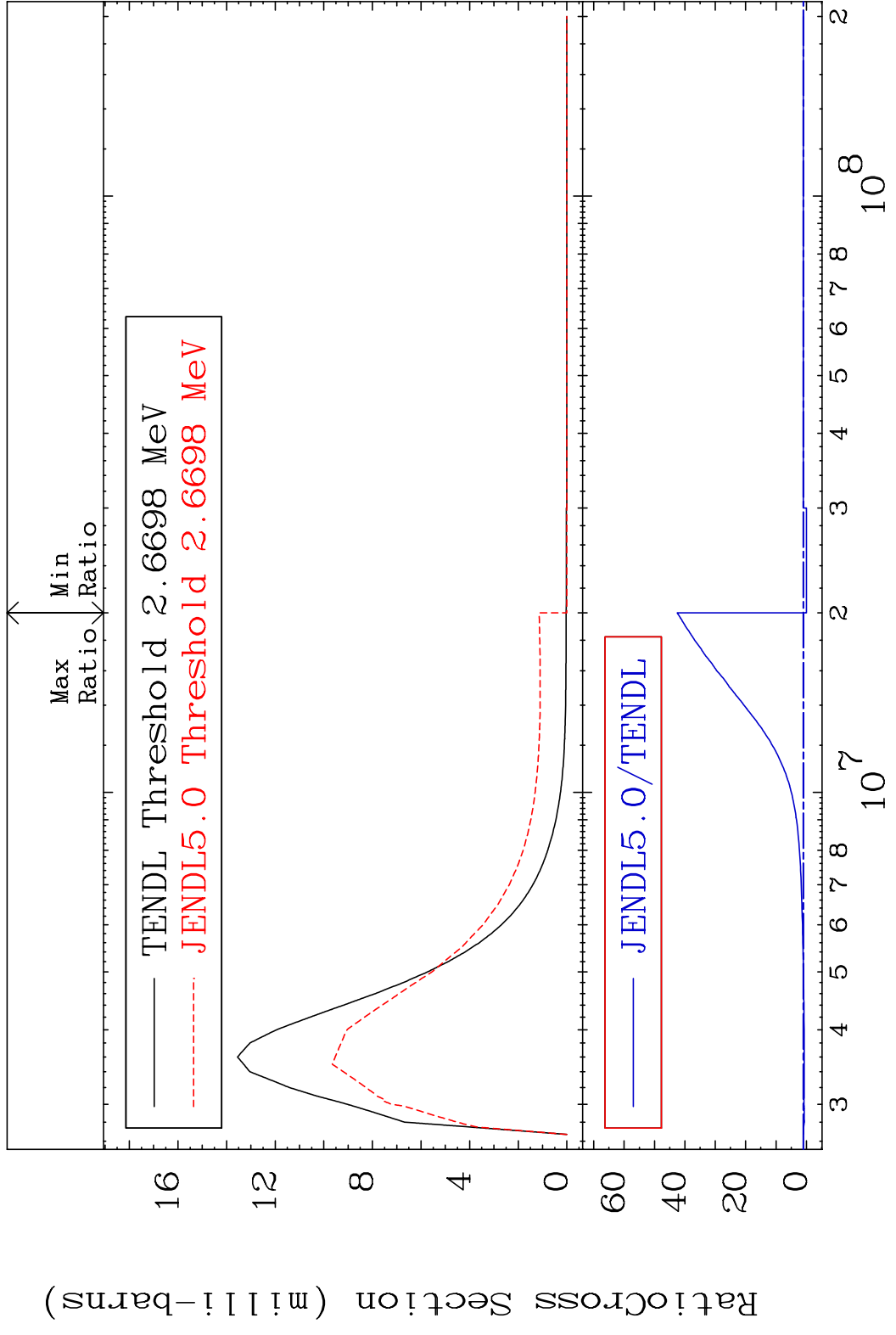


MAT 2525 MT= 70 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

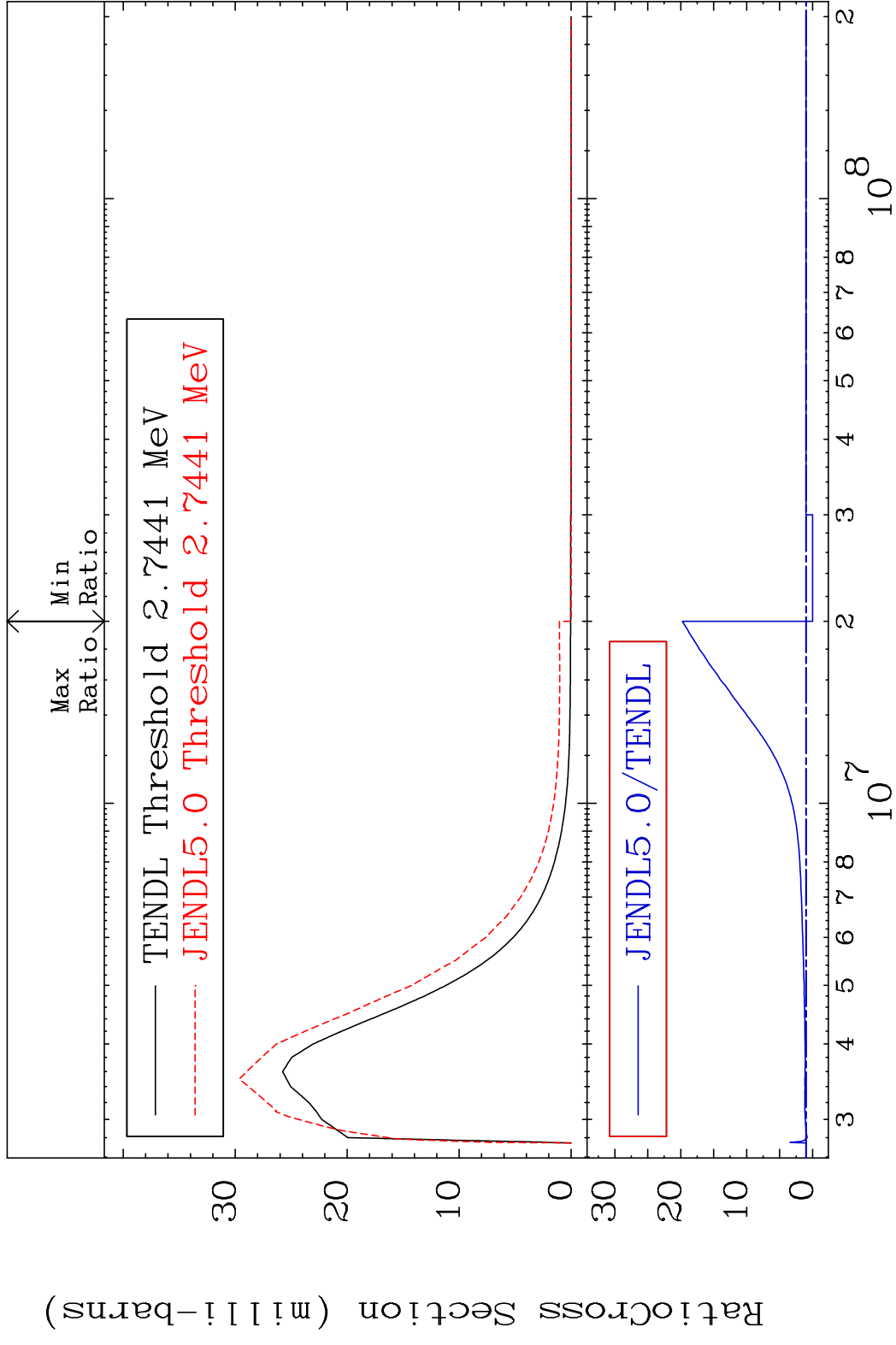


30 25-Mn-55

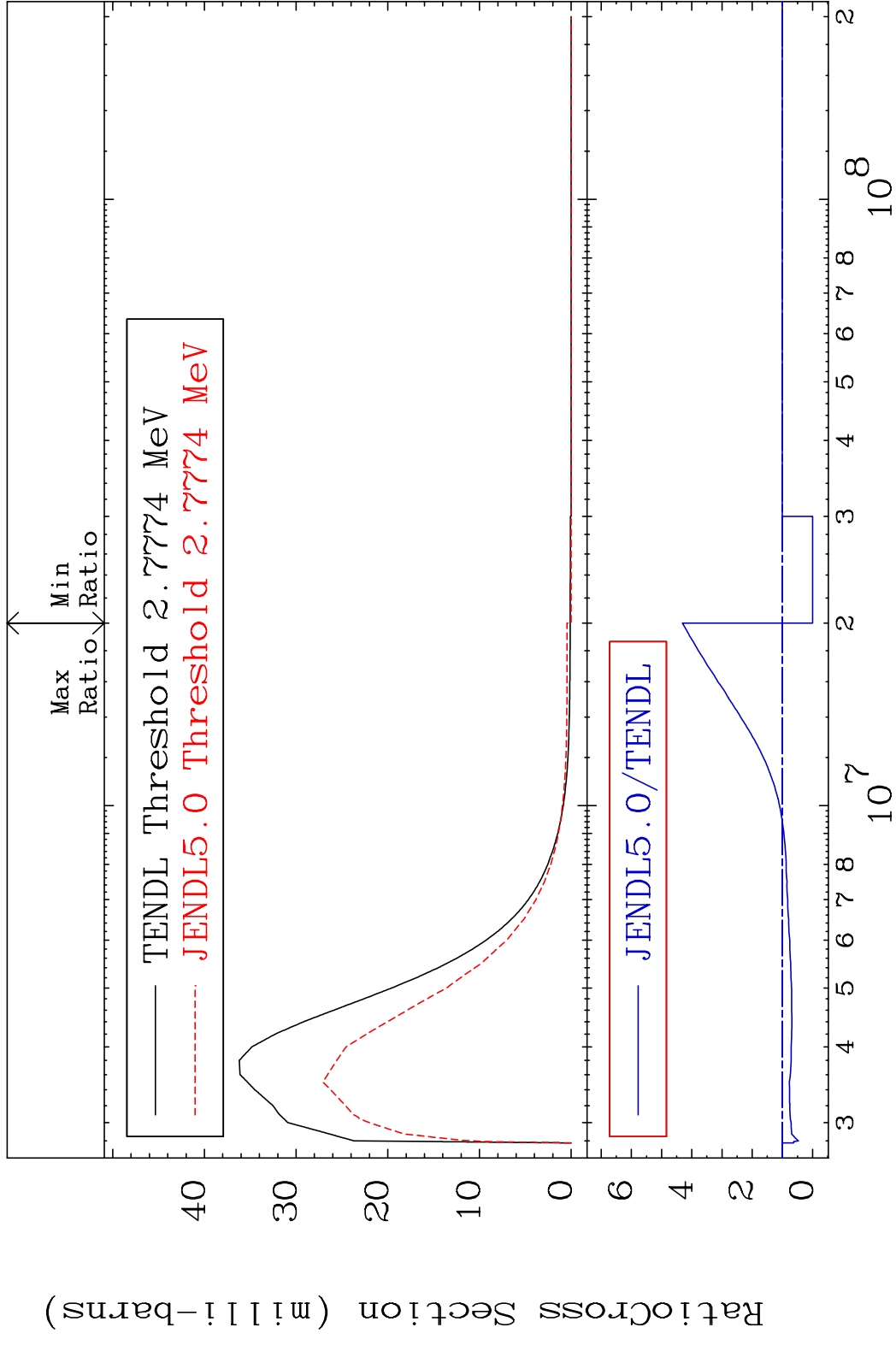
MAT 2525 MT= 71 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 4153. %



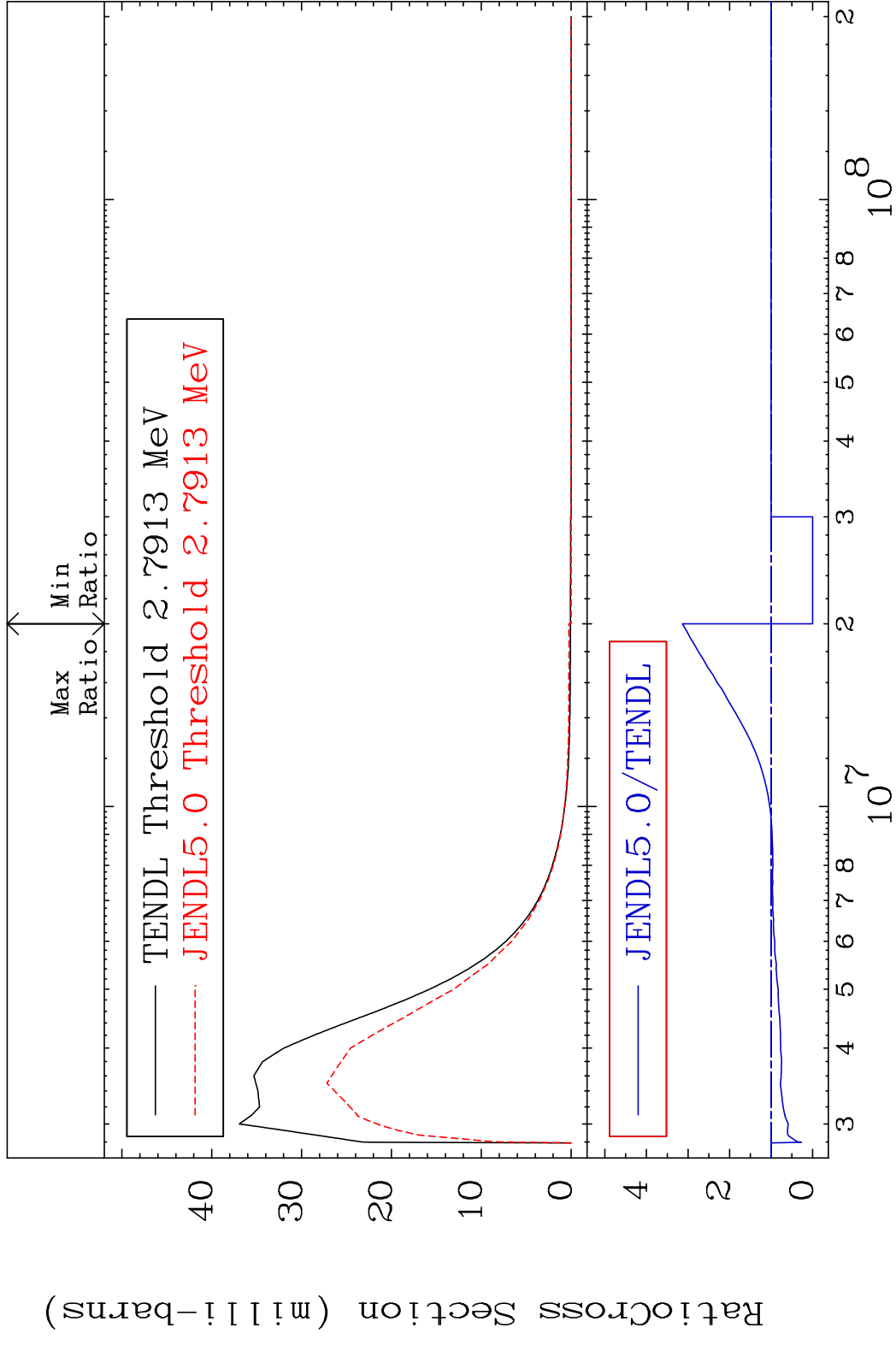
MAT 2525 MT= 72 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 1875. %



MAT 2525 MT= 73 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 331.2 %

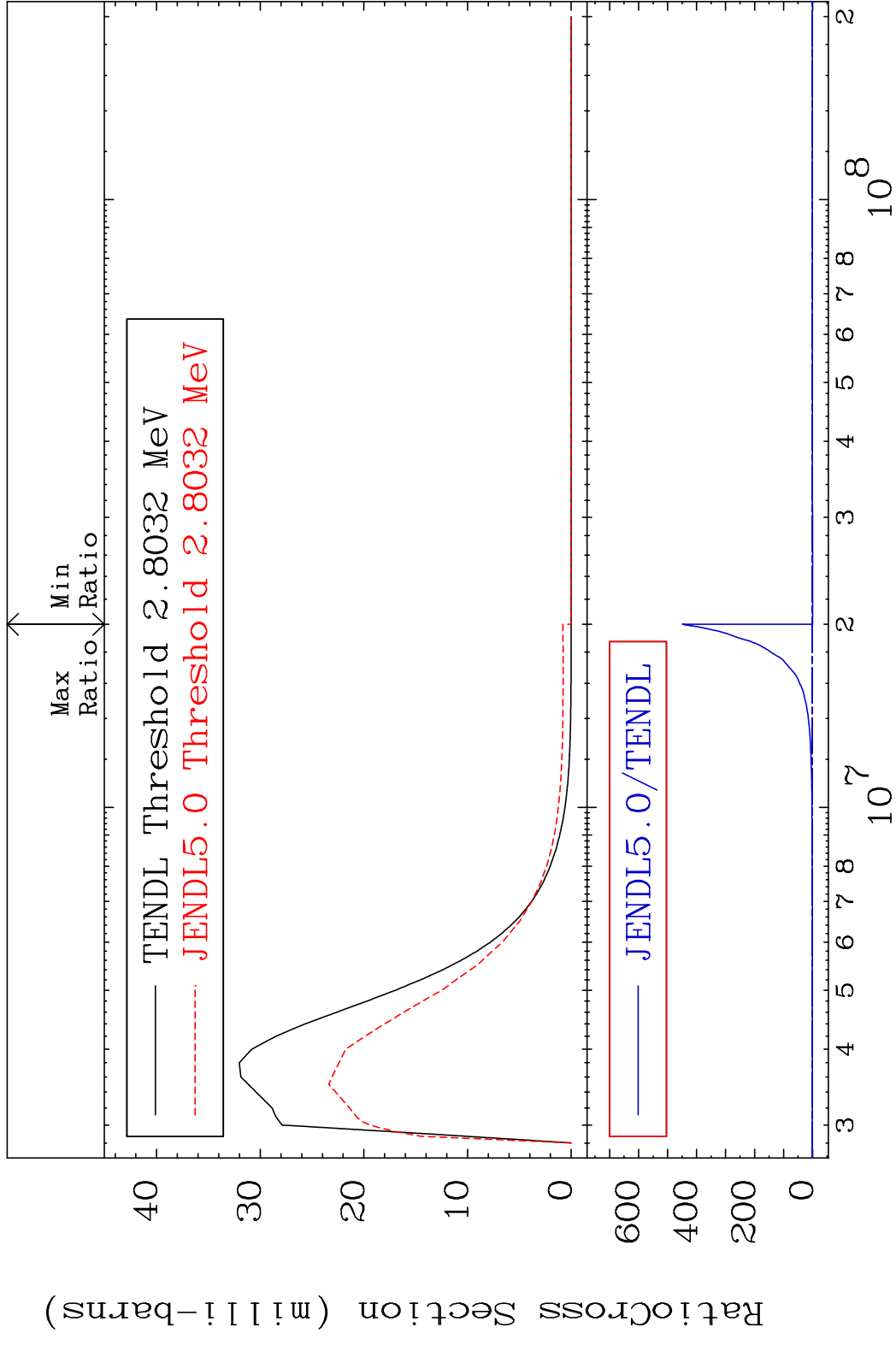


MAT 2525 MT= 74 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 213.6 %

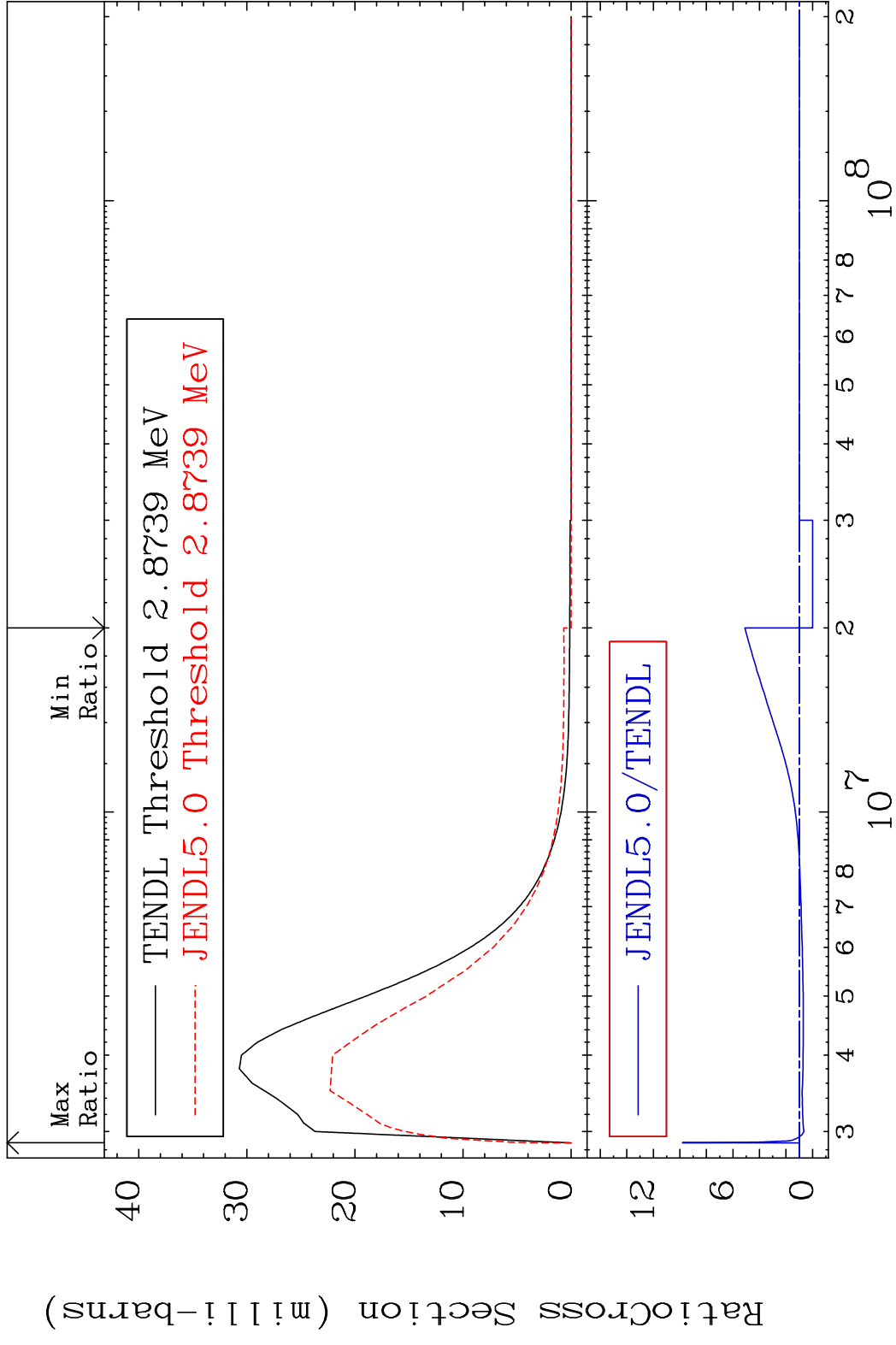


34 25-Mn-55

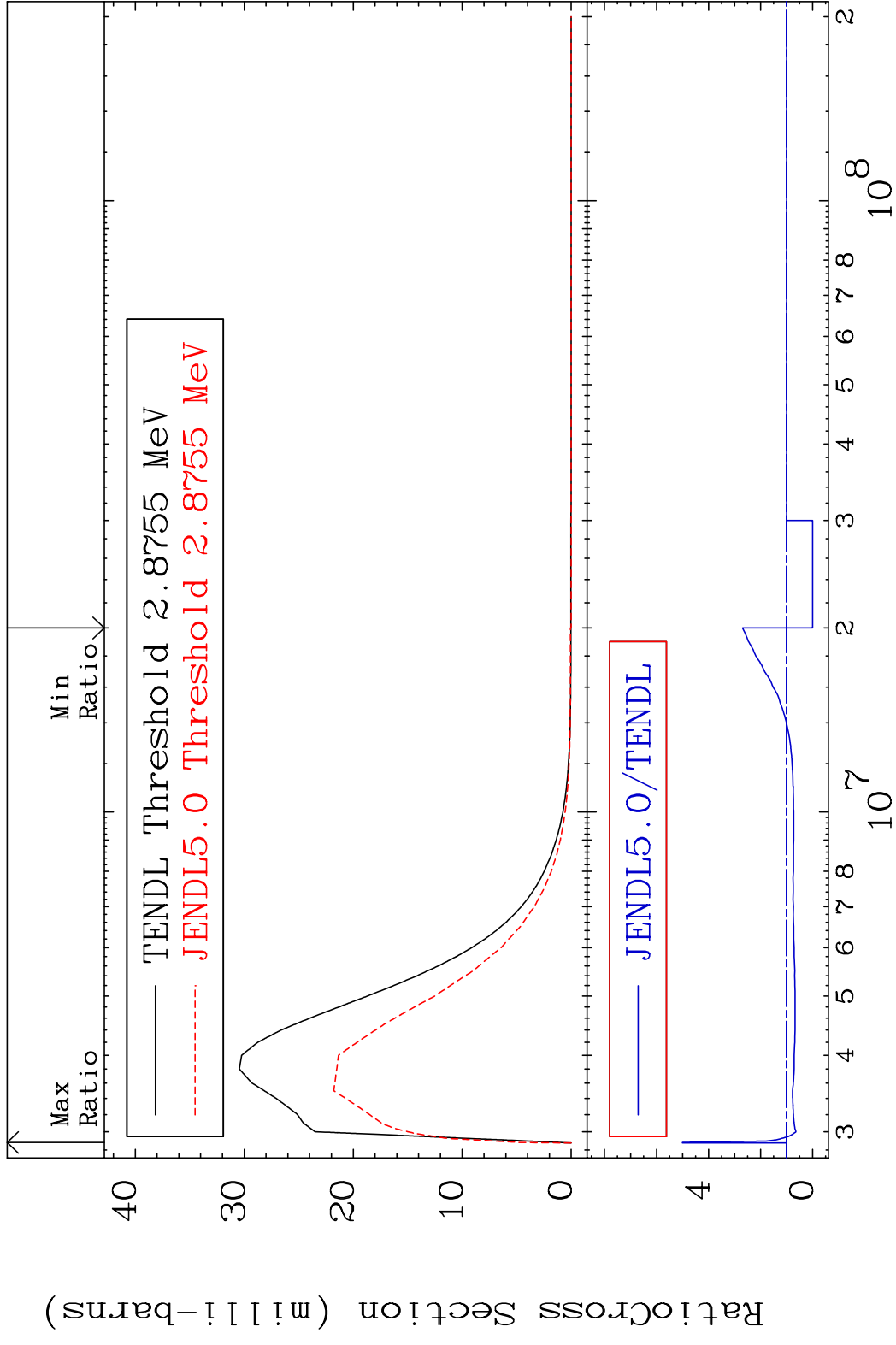
MAT 2525 MT= 75 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



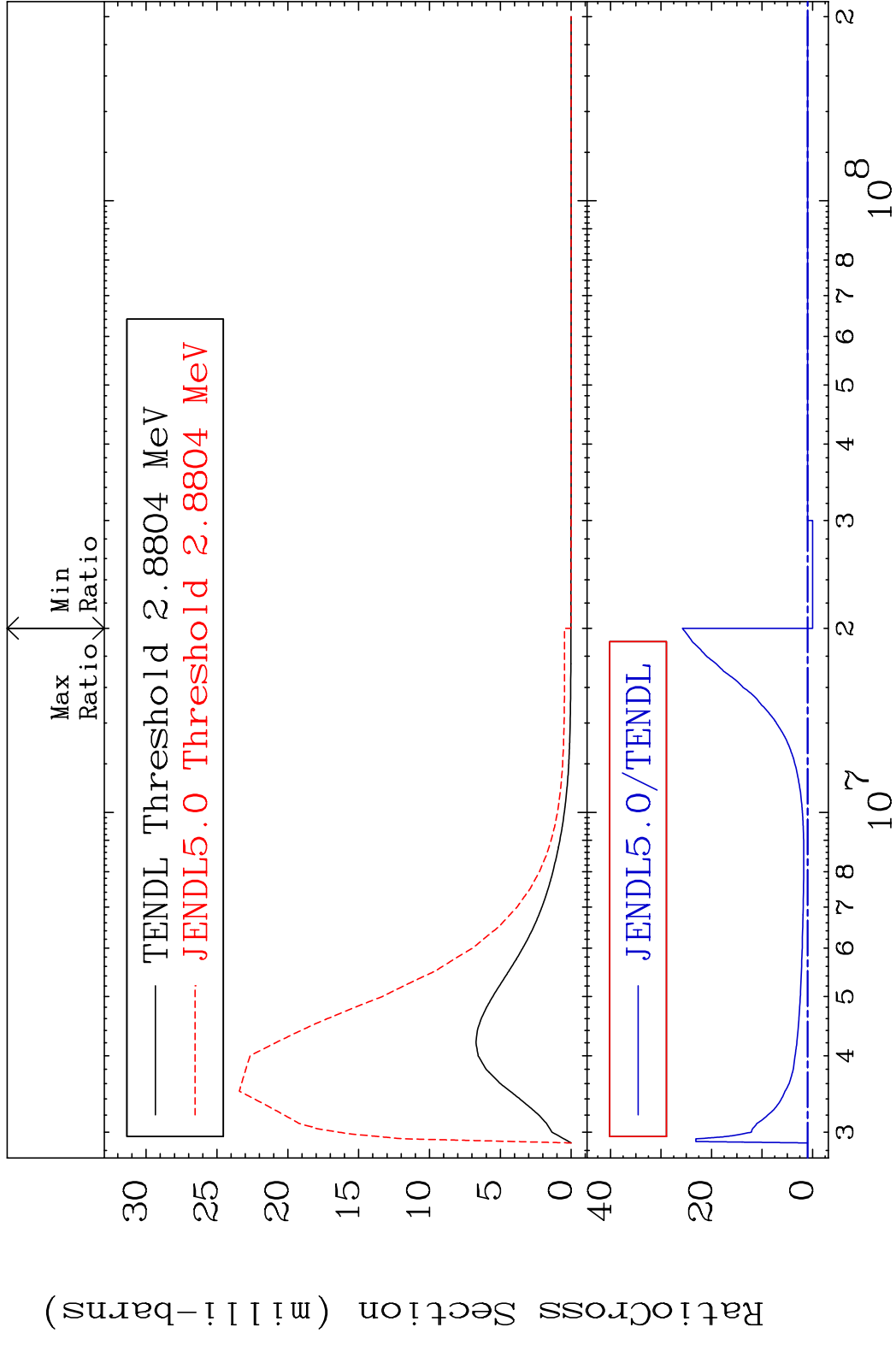
MAT 2525 MT= 76 (n,n') Level 25-Mn-55  
 Cross Section -100.0 To 881.3 %



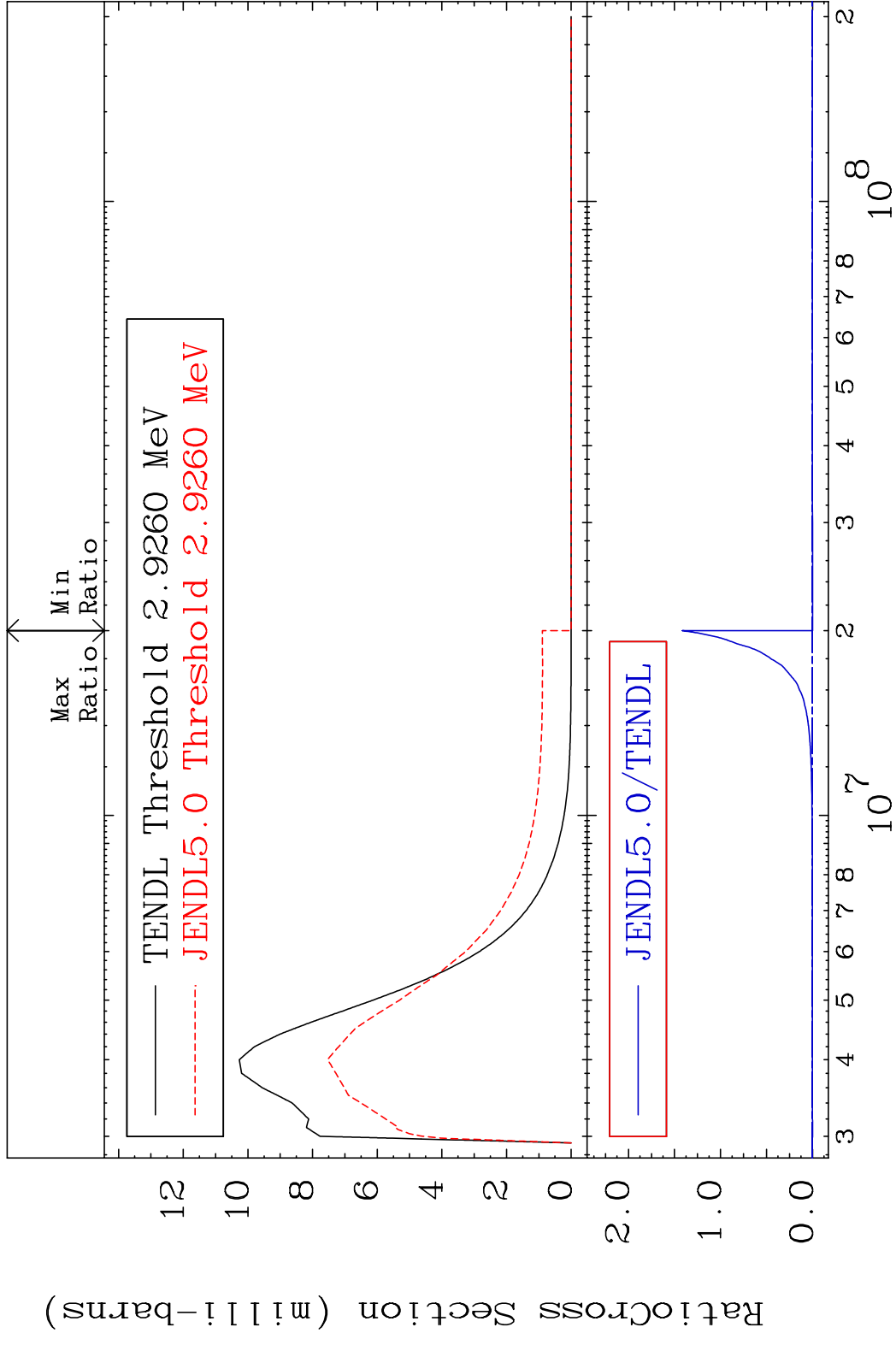
MAT 2525 MT= 77 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 400.7 %



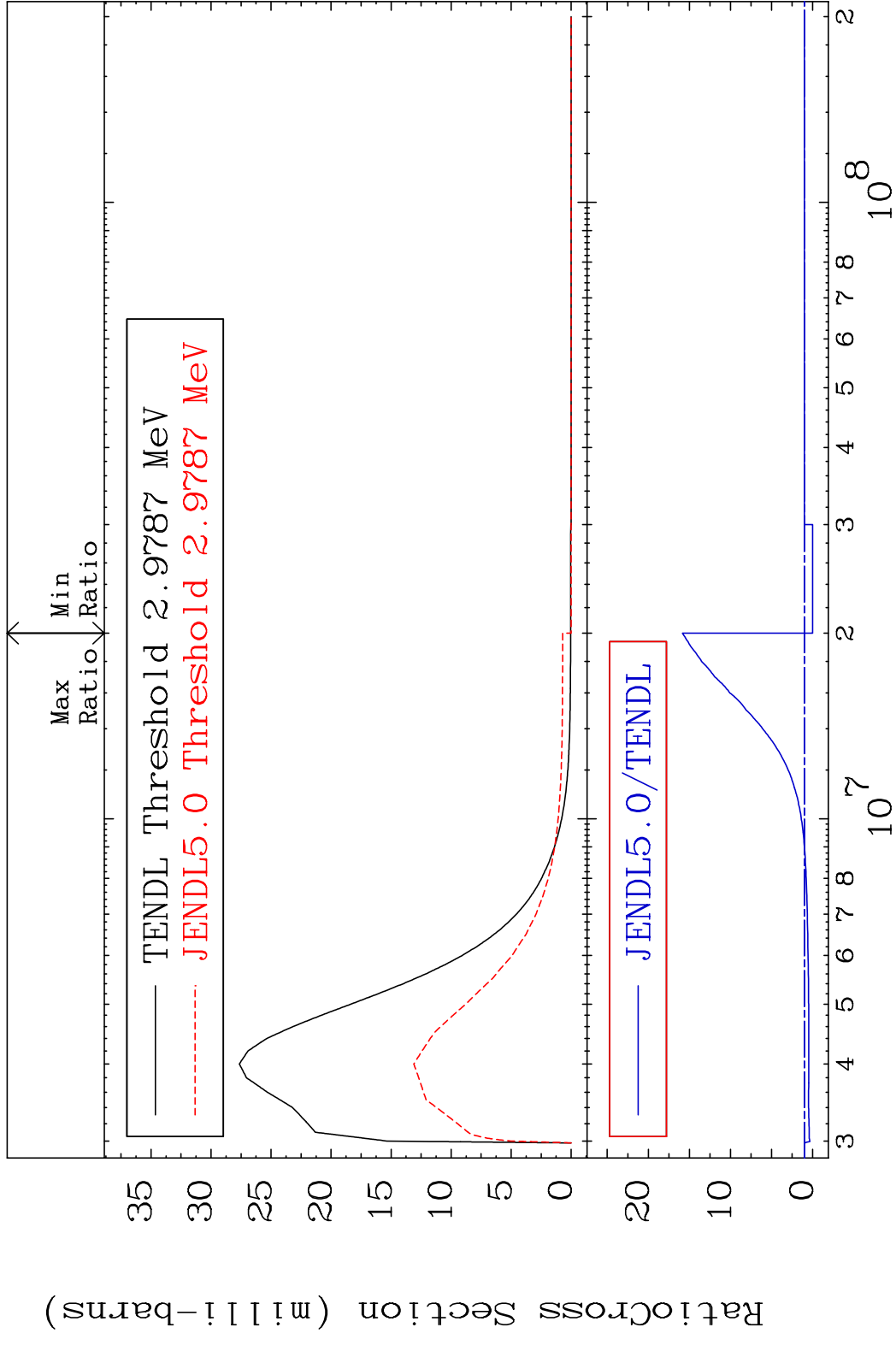
MAT 2525 MT= 78 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 2478. %



MAT 2525 MT= 79 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 80 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 1485. %



40

Incident Energy (eV)

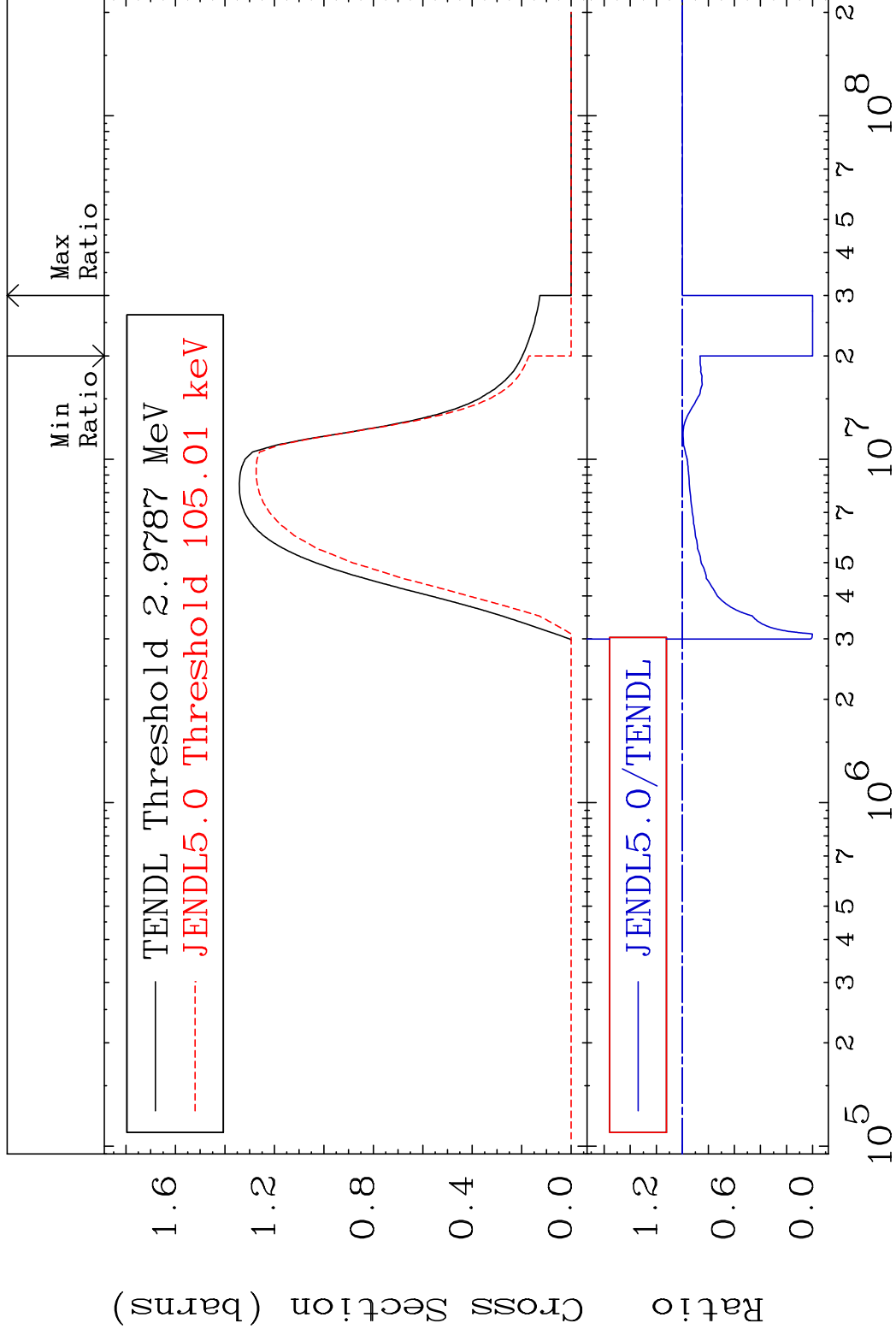
25-Mn-55

MAT 2525

(n,n') Continuum

25-Mn-55

Cross Section -100.0 To 0.000 %

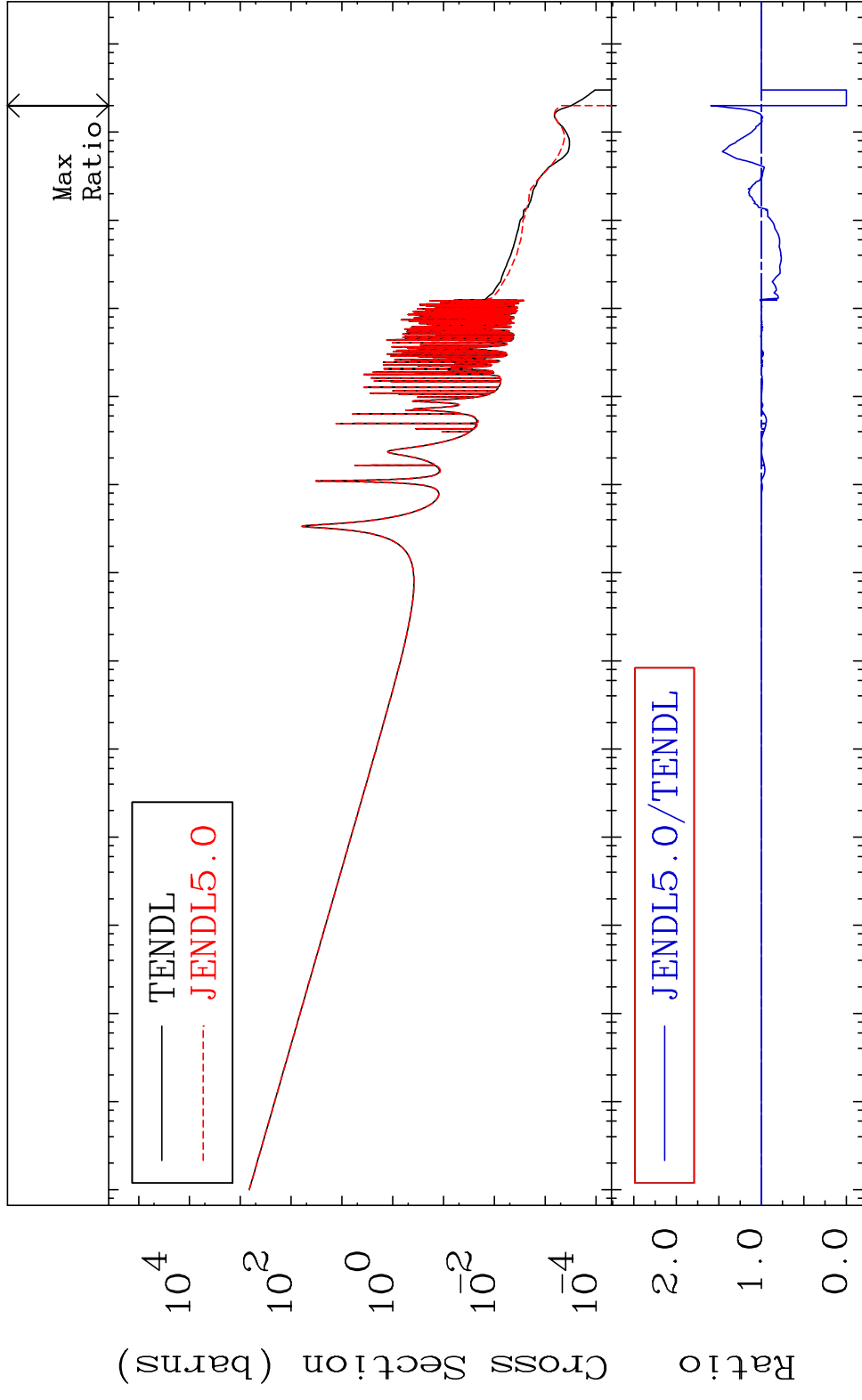


41

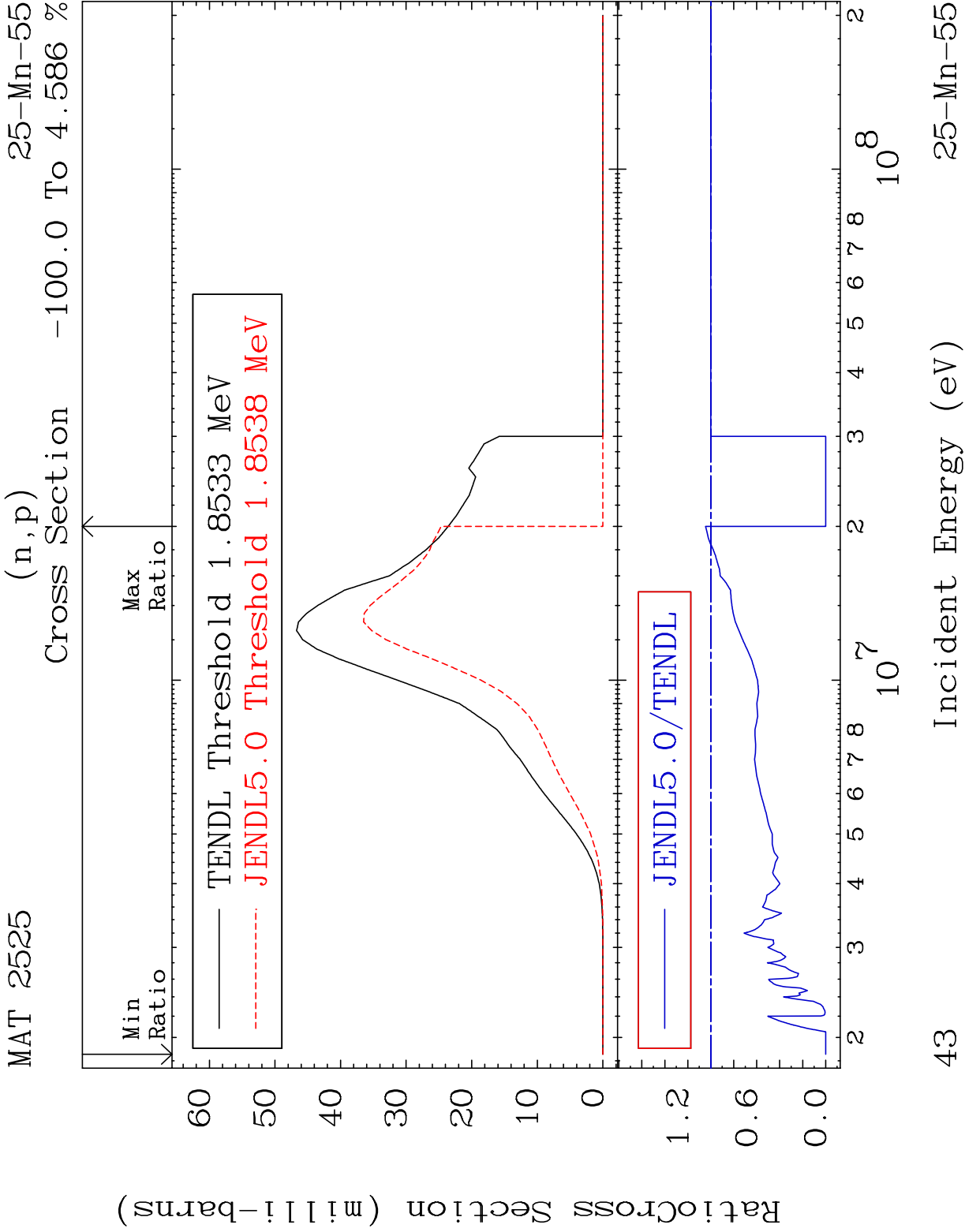
Incident Energy (eV)

25-Mn-55

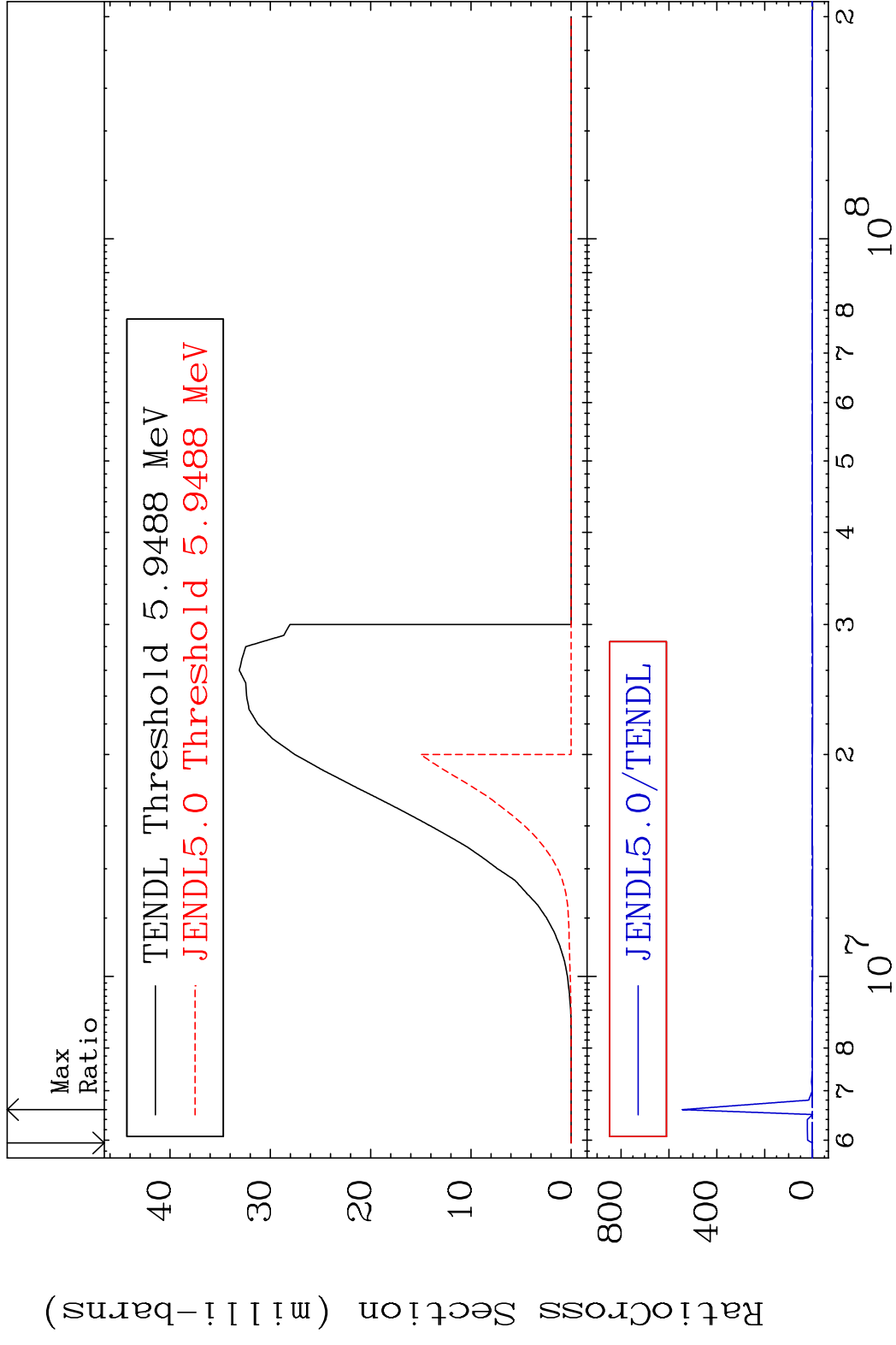
MAT 2525 (n,  $\gamma$ ) 25-Mn-55  
Cross Section -100.0 To 59.61 %



42 Incident Energy (eV) 25-Mn-55

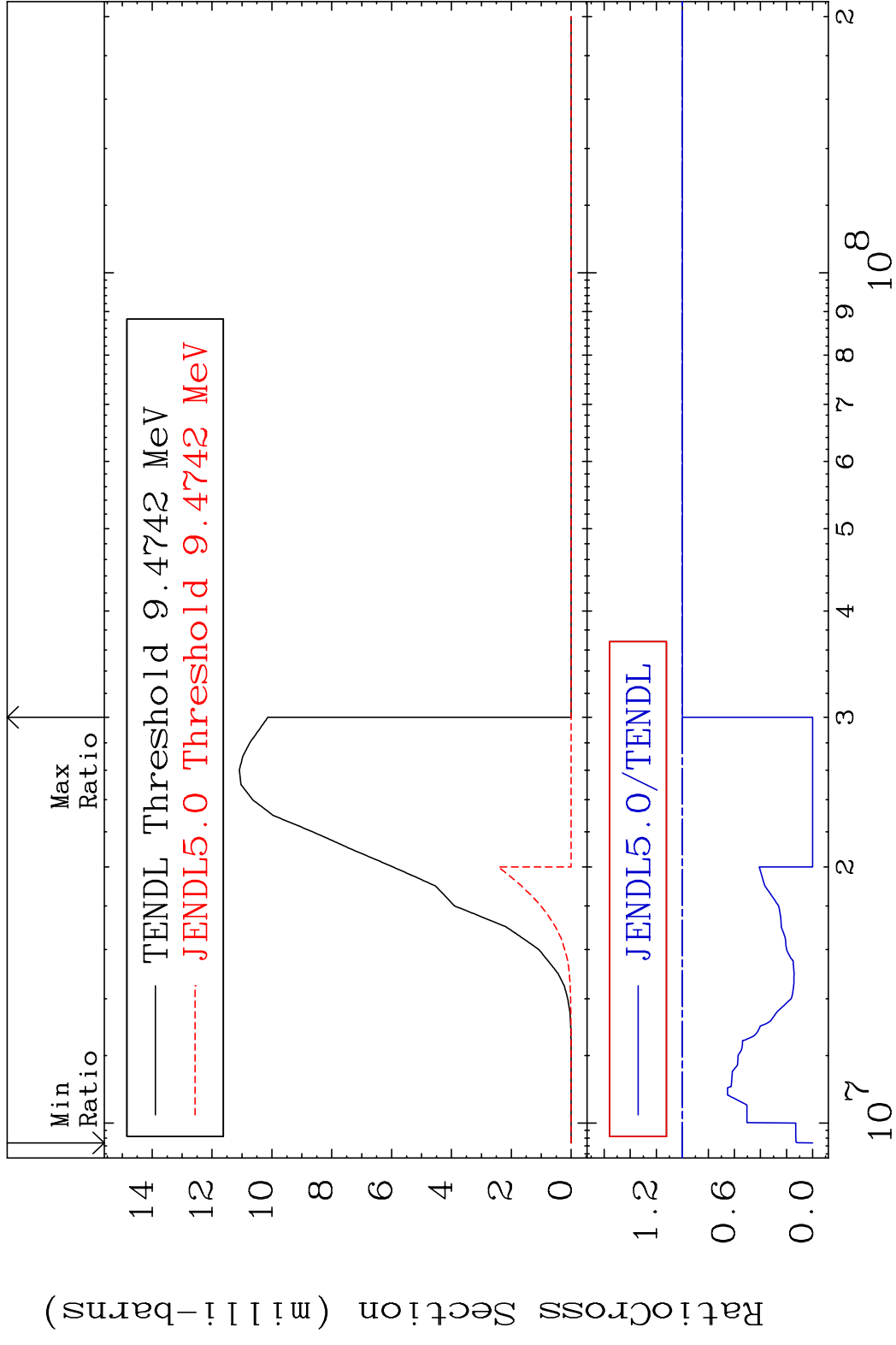


MAT 2525 (n,d) 25-Mn-55  
 Cross Section -100.0 To 9999. %



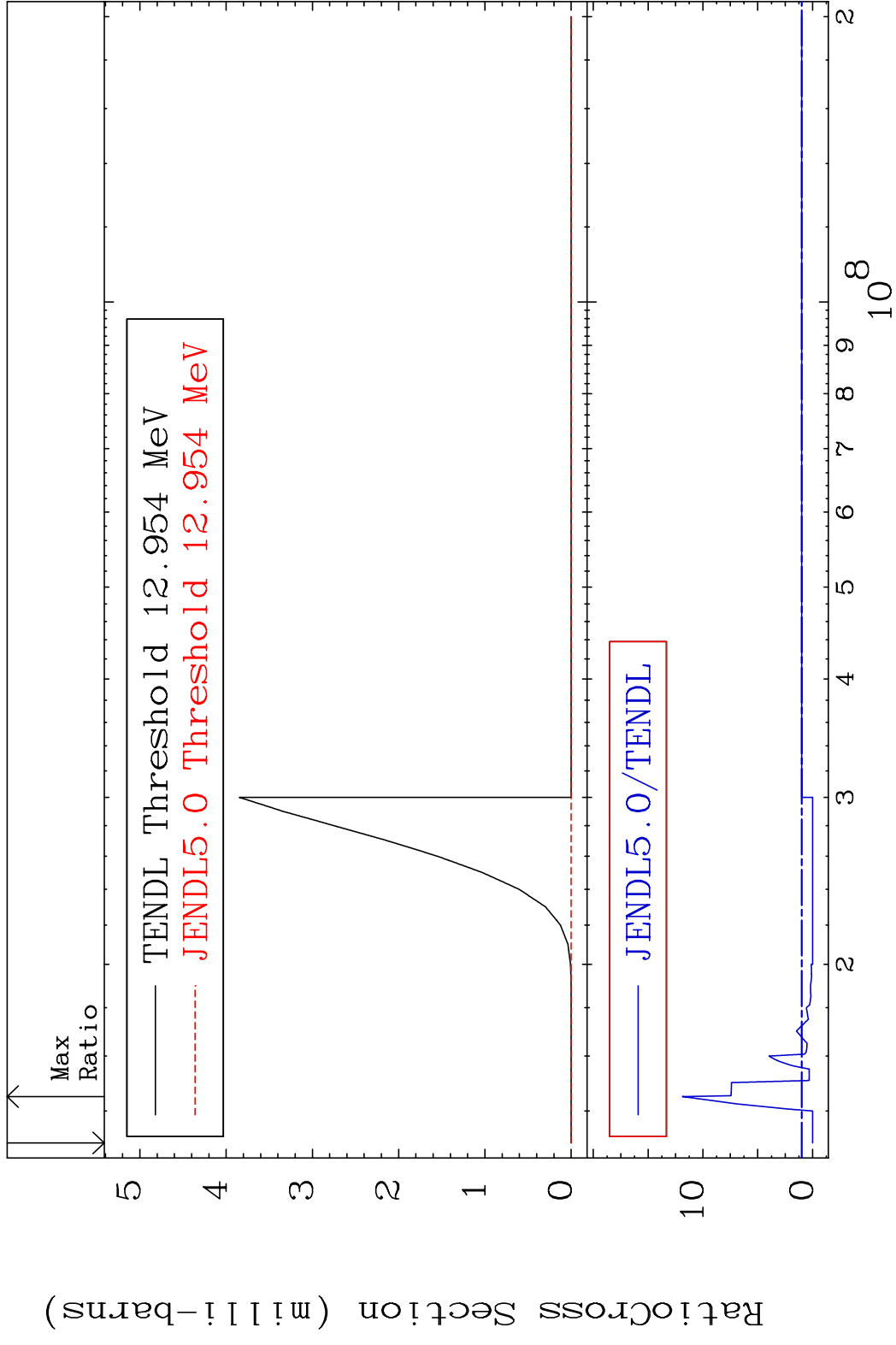
44 Incident Energy (eV) 25-Mn-55

MAT 2525 (n, t) 25-Mn-55  
 Cross Section -100.0 To 0.000 %



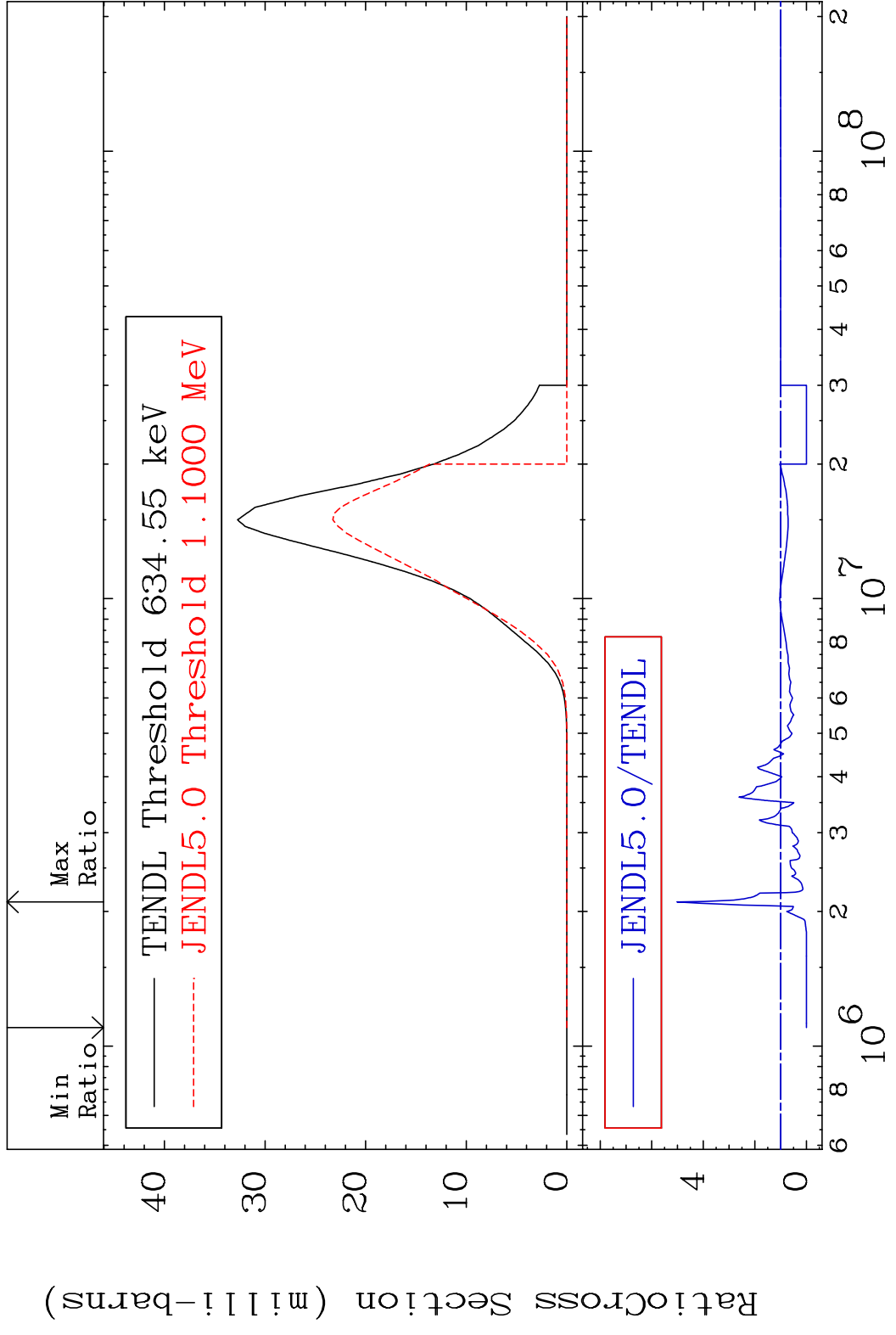
45 25-Mn-55

MAT 2525 (n, He-3) 25-Mn-55  
 Cross Section -100.0 To 1088. %

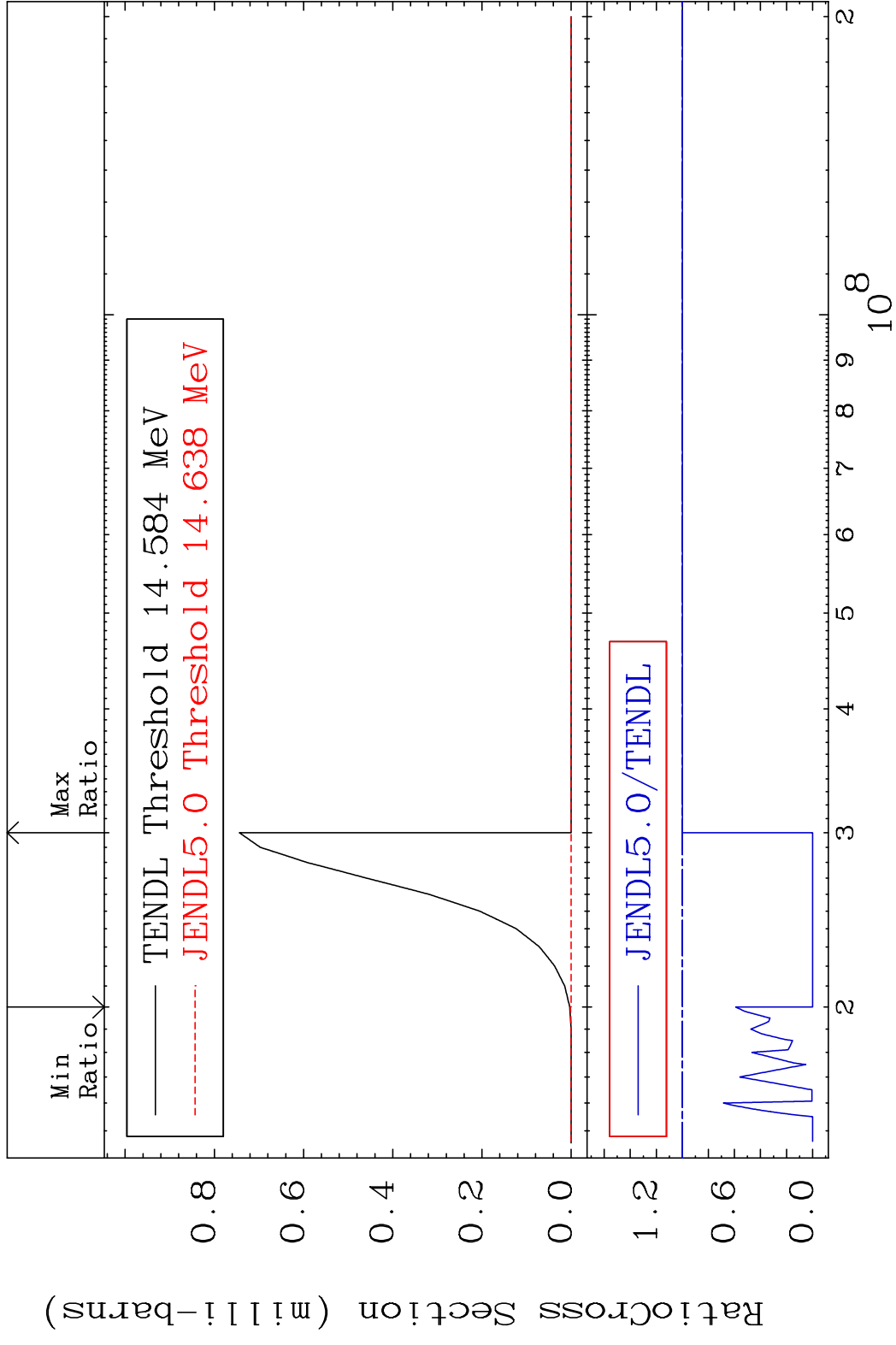


46 Incident Energy (eV) 25-Mn-55

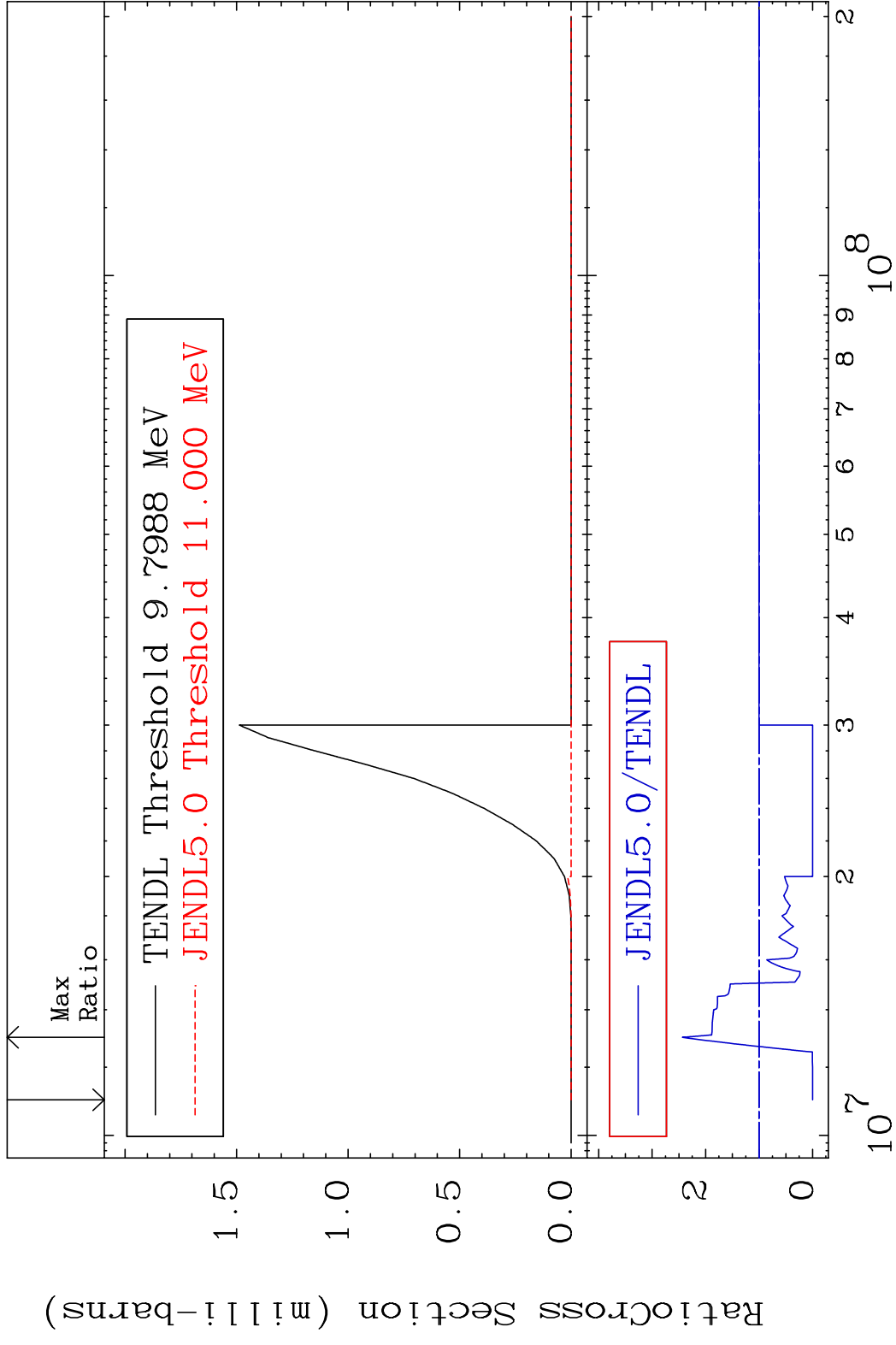
MAT 2525 (n,  $\alpha$ ) 25-Mn-55  
 Cross Section -100.0 To 401.3 %



MAT 2525 (n,2p) 25-Mn-55  
 Cross Section -100.0 To 0.000 %

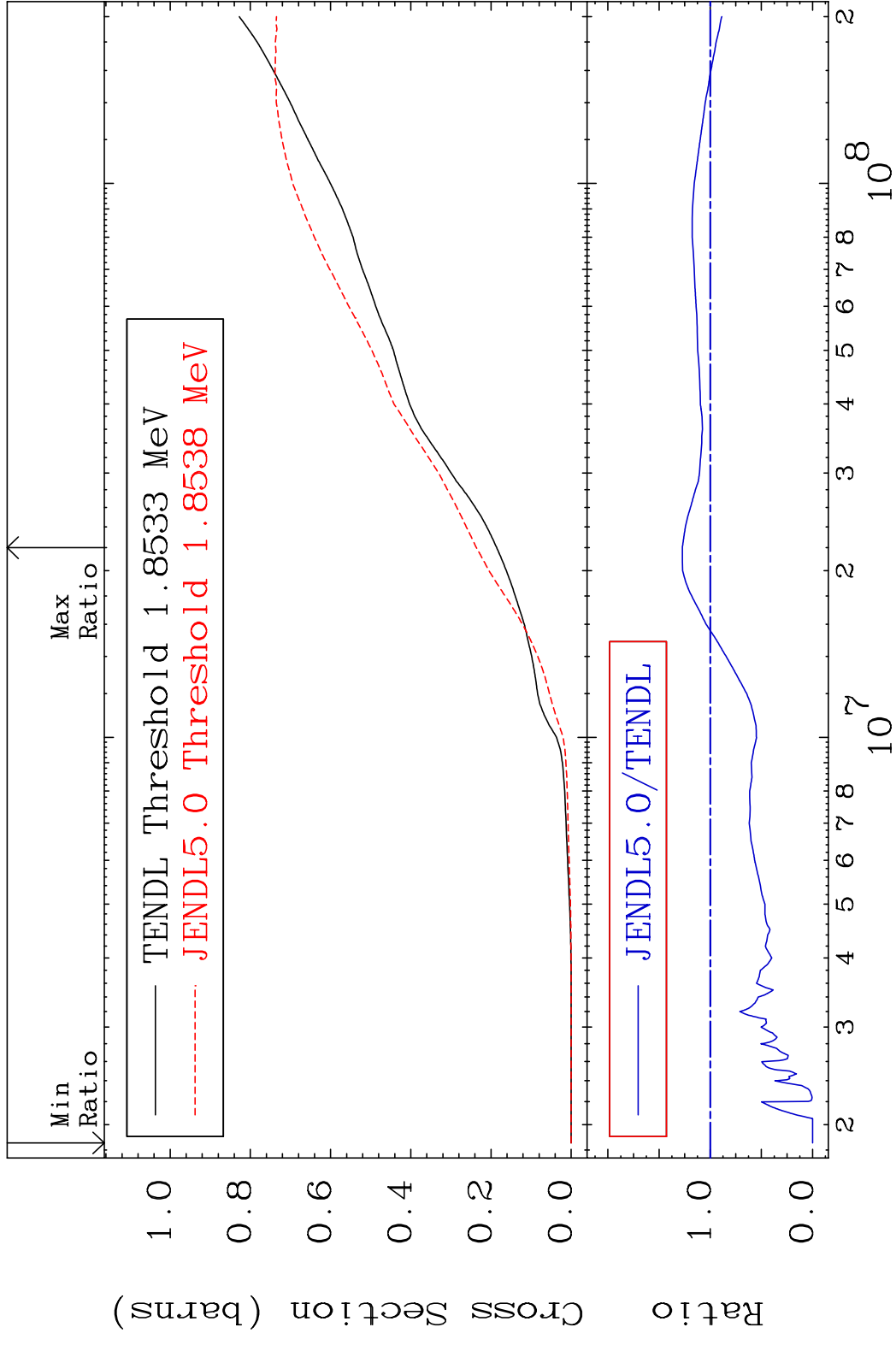


MAT 2525 (n,p)  $\alpha$  25-Mn-55  
 Cross Section -100.0 To 143.5 %

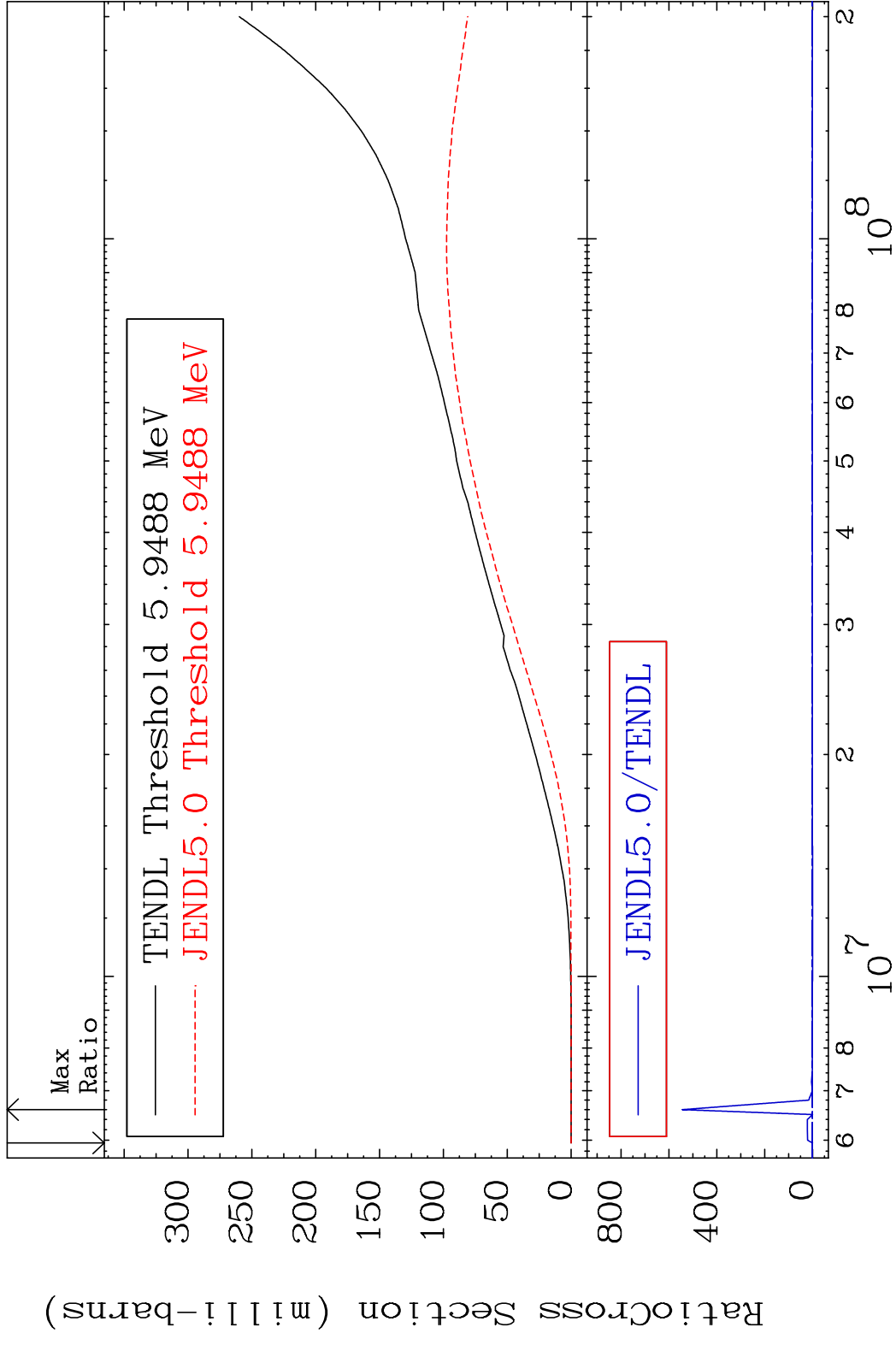


49 25-Mn-55

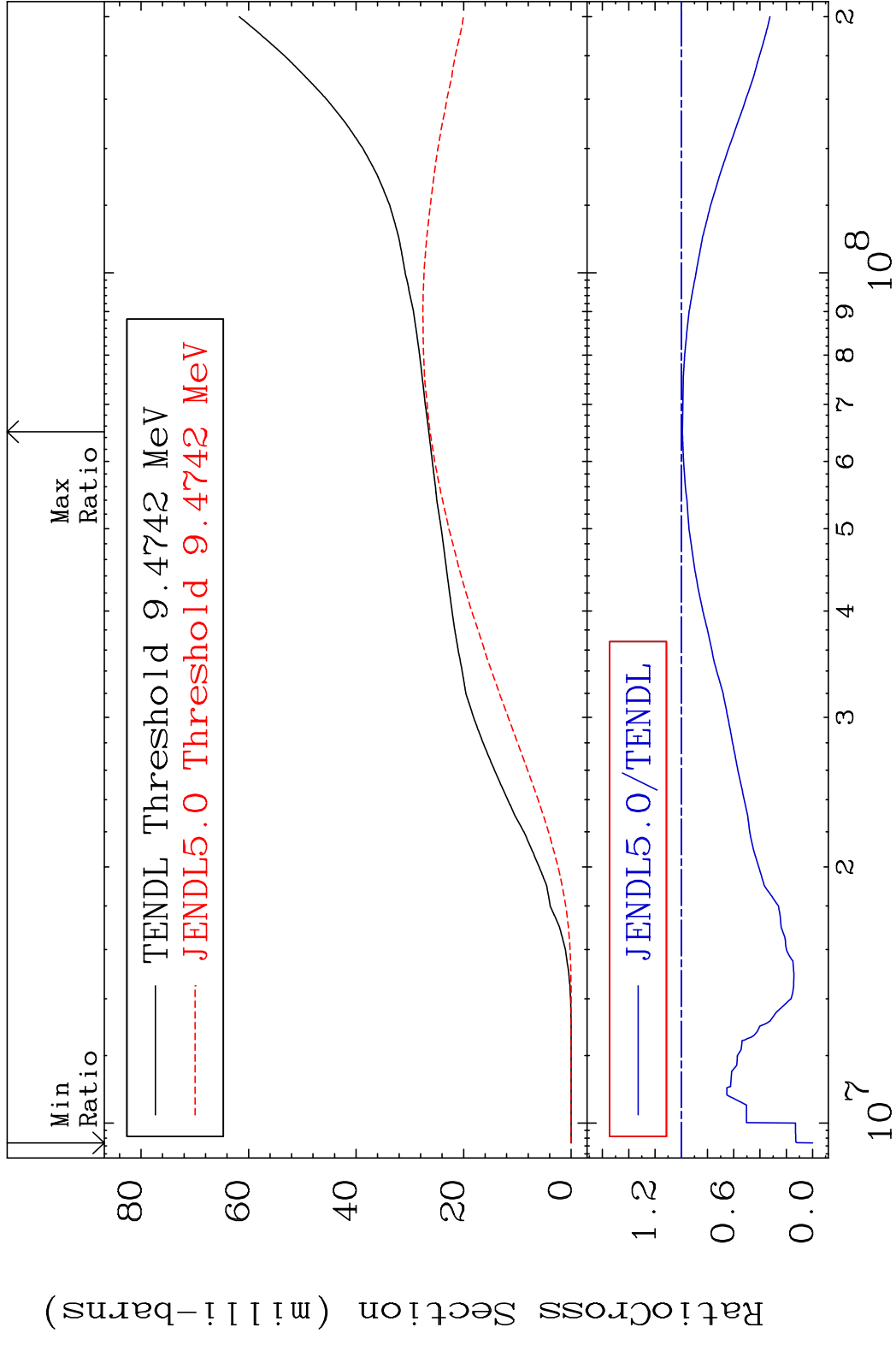
MAT 2525 Hydrogen Production 25-Mn-55  
 Cross Section -100.0 To 27.26 %



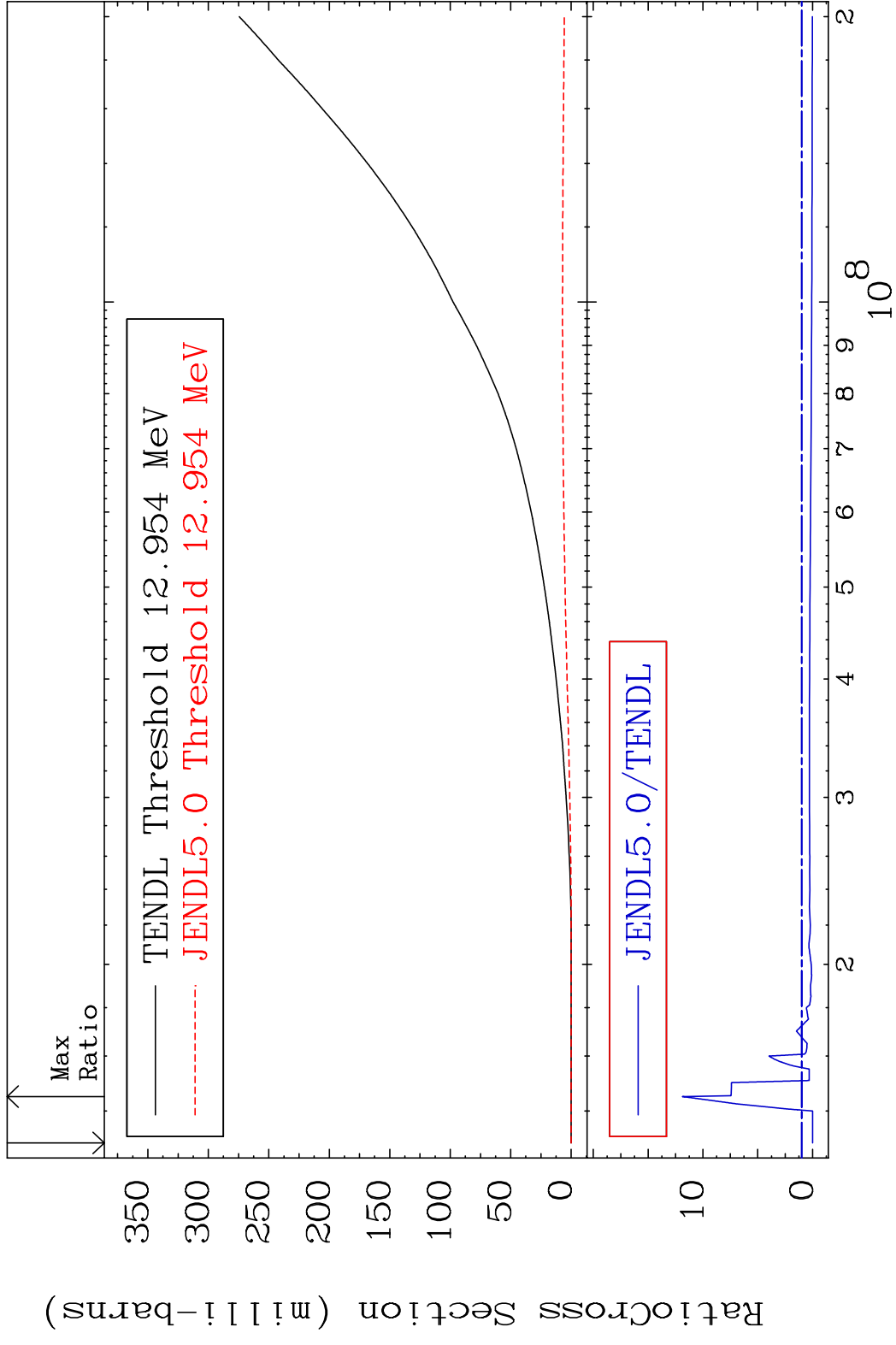
MAT 2525 Deuterium Production 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 Tritium Production 25-Mn-55  
 Cross Section -100.0 To -0.856%

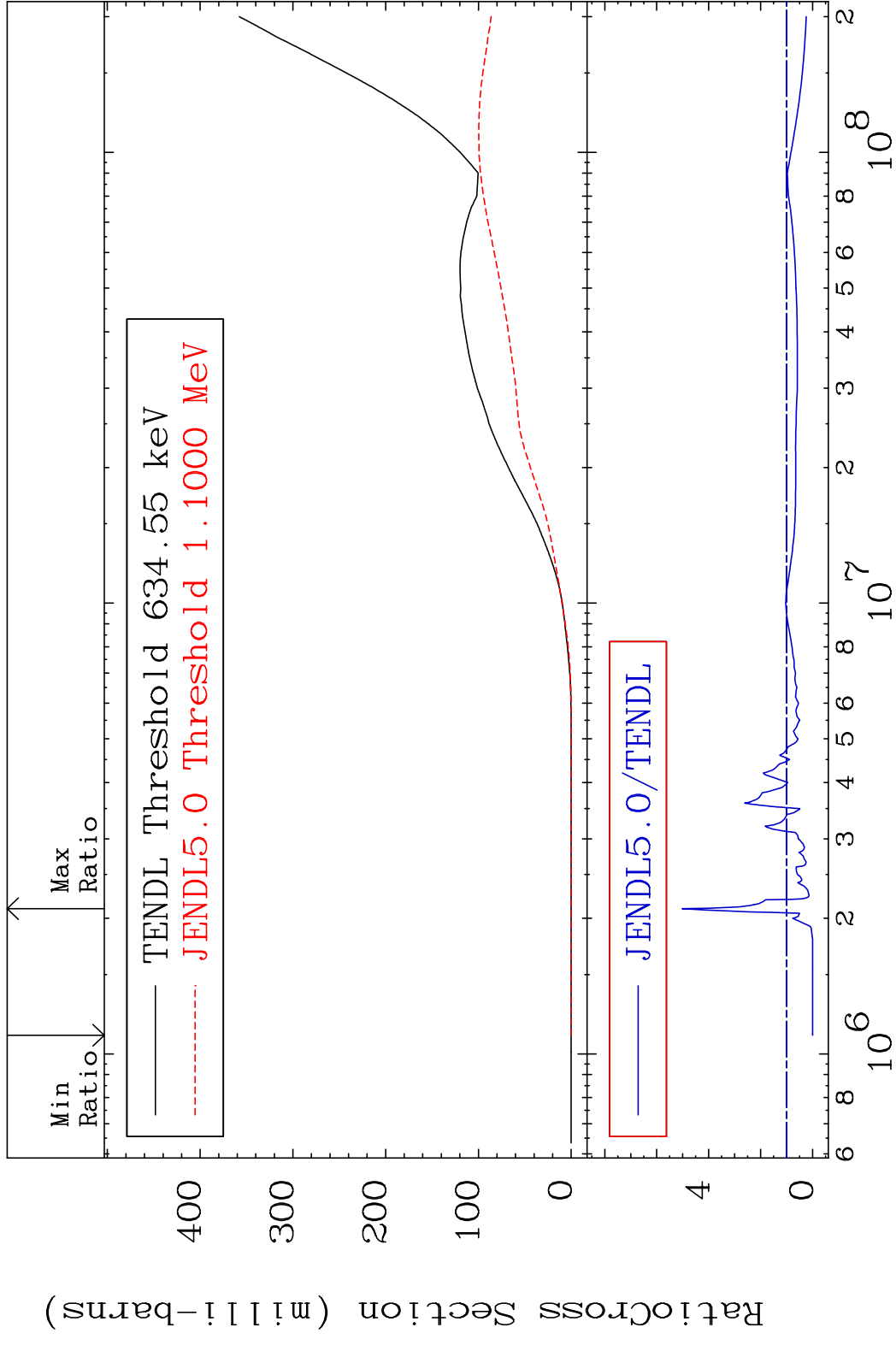


MAT 2525 He-3 Production 25-Mn-55  
 Cross Section -100.0 To 1088. %

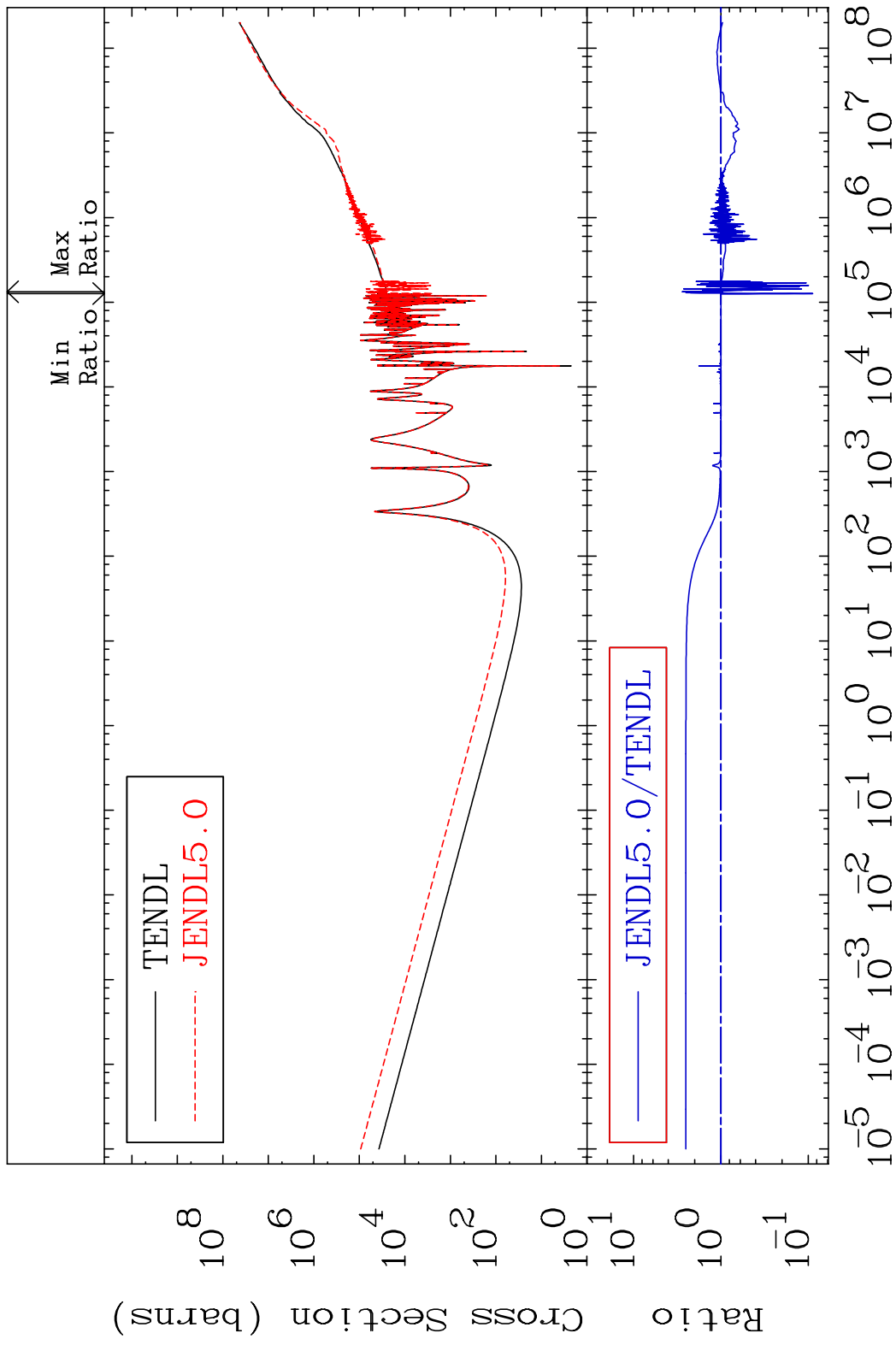


53 Incident Energy (eV) 25-Mn-55

MAT 2525 He-4 Production 25-Mn-55  
 Cross Section -100.0 To 401.3 %

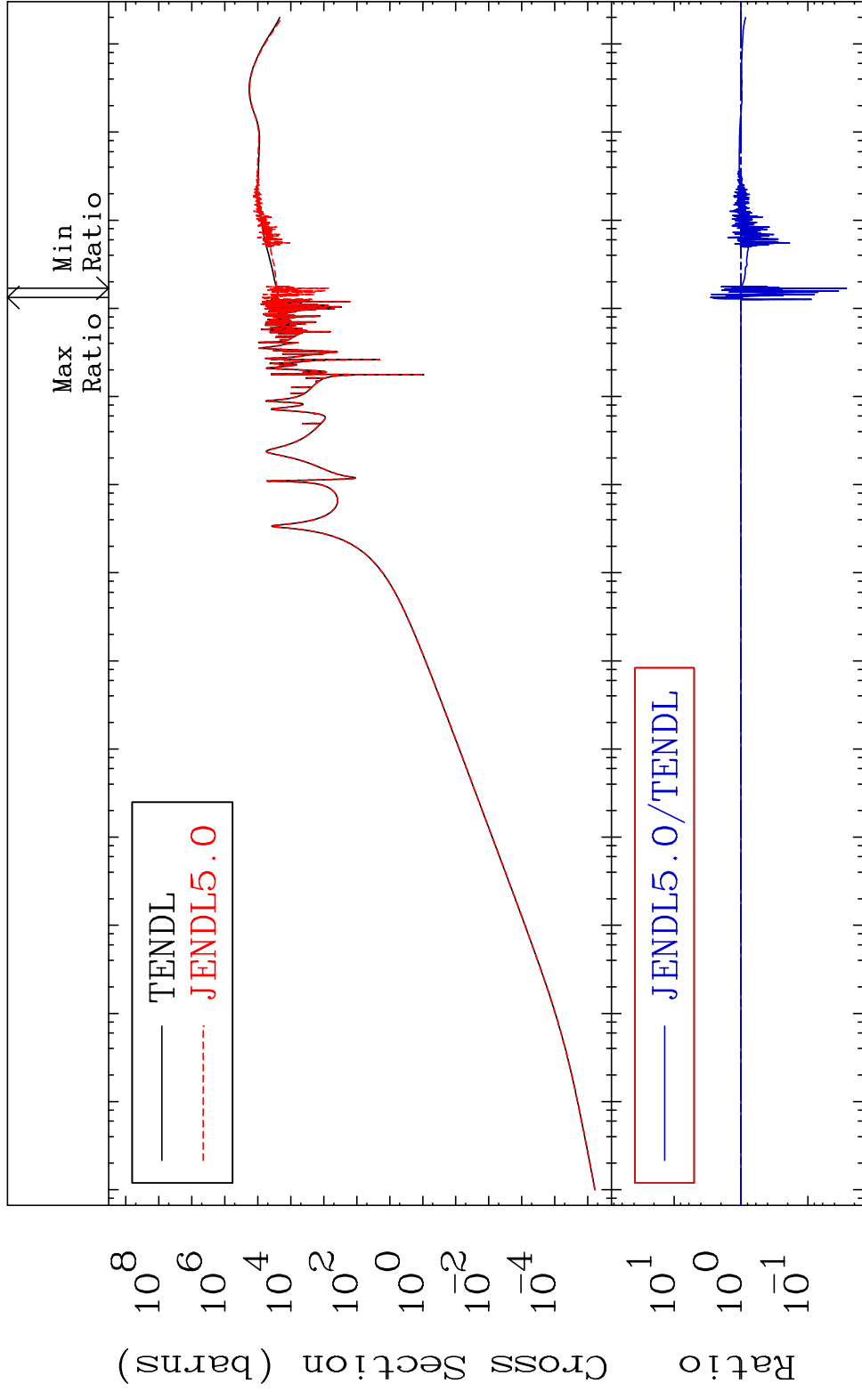


MAT 2525 Kerma total (eV-barns) 25-Mn-55  
 Cross Section -91.08 To 176.5 %



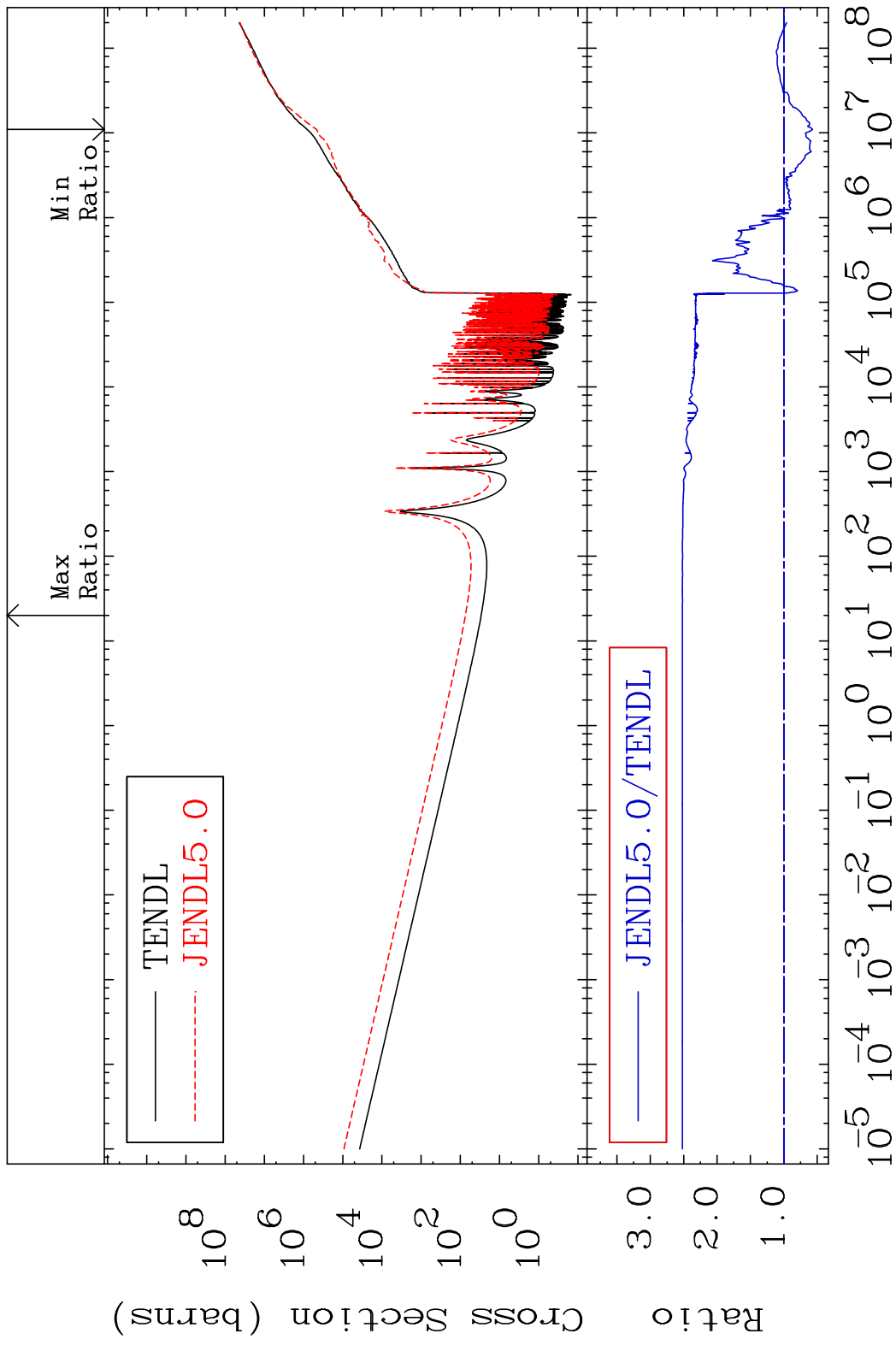
55 Incident Energy (eV) 25-Mn-55

MAT 2525      Kerma elastic      25-Mn-55  
 Cross Section      -97.35 To 184.0 %

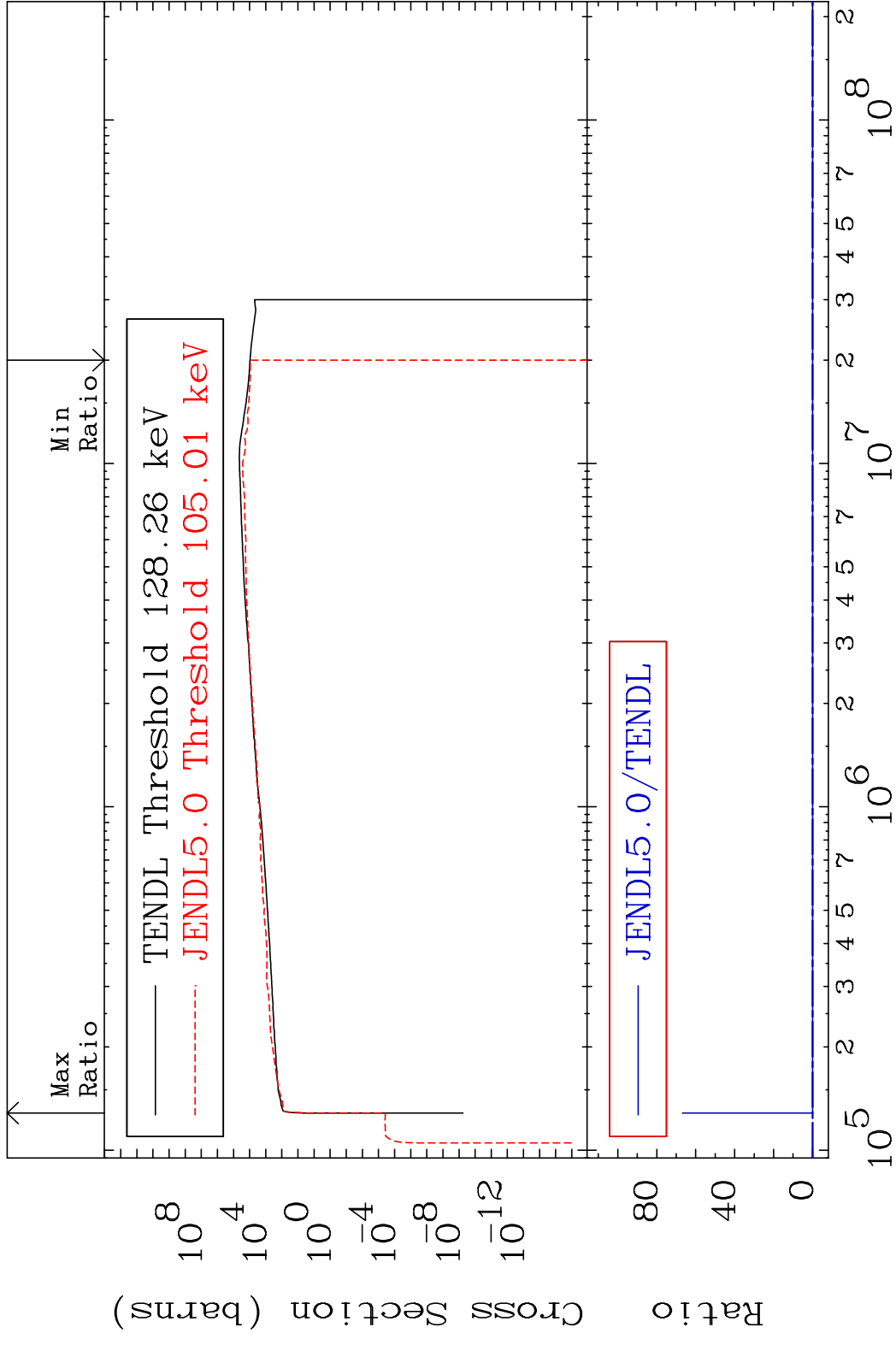


56      Incident Energy (eV)      25-Mn-55

MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55  
 Cross Section -43.03 To 152.0 %

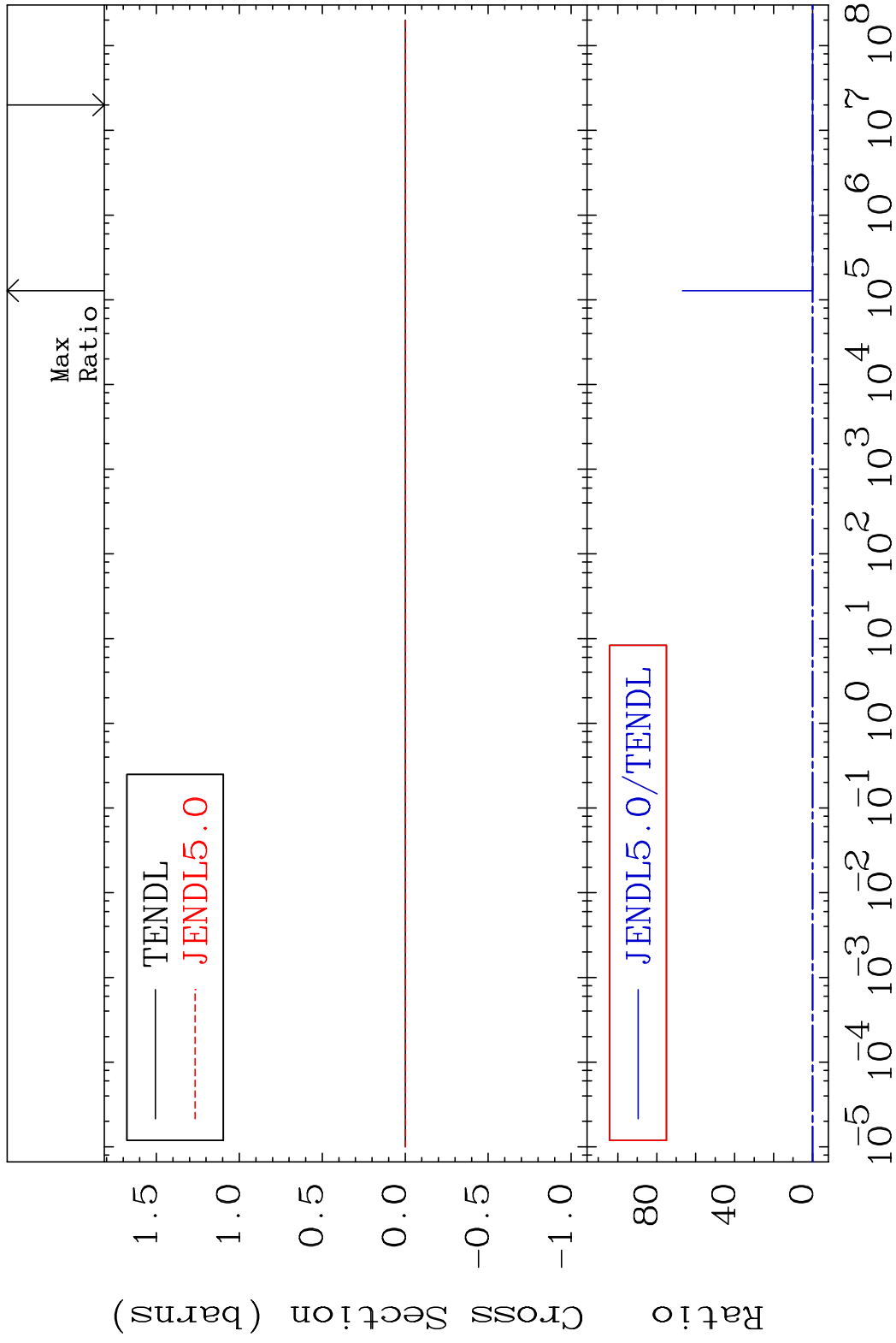


MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55  
 Cross Section -100.0 To 9999. %

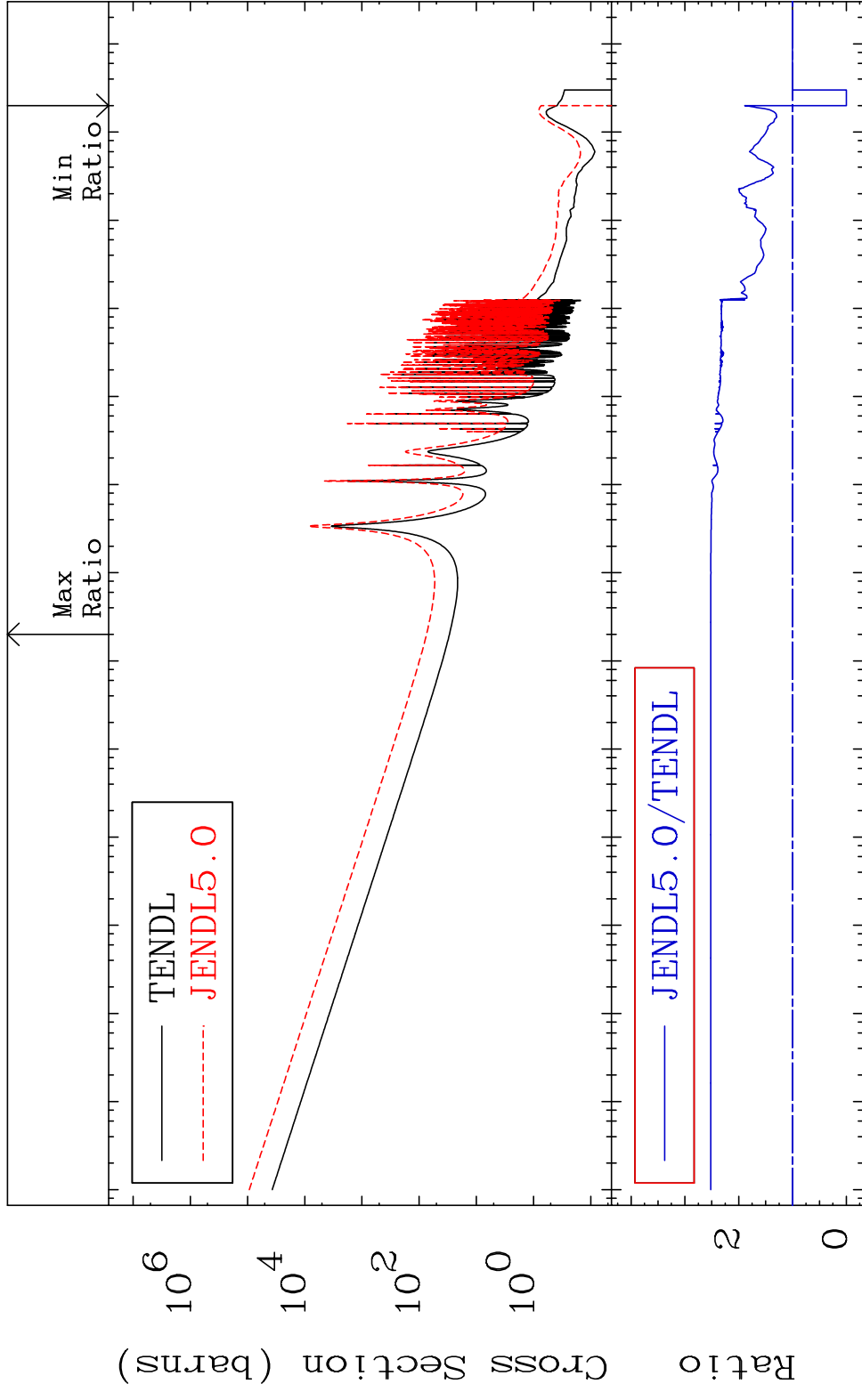


58 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 Kerma capture (mt102) 25-Mn-55  
Cross Section -100.0 To 152.0 %



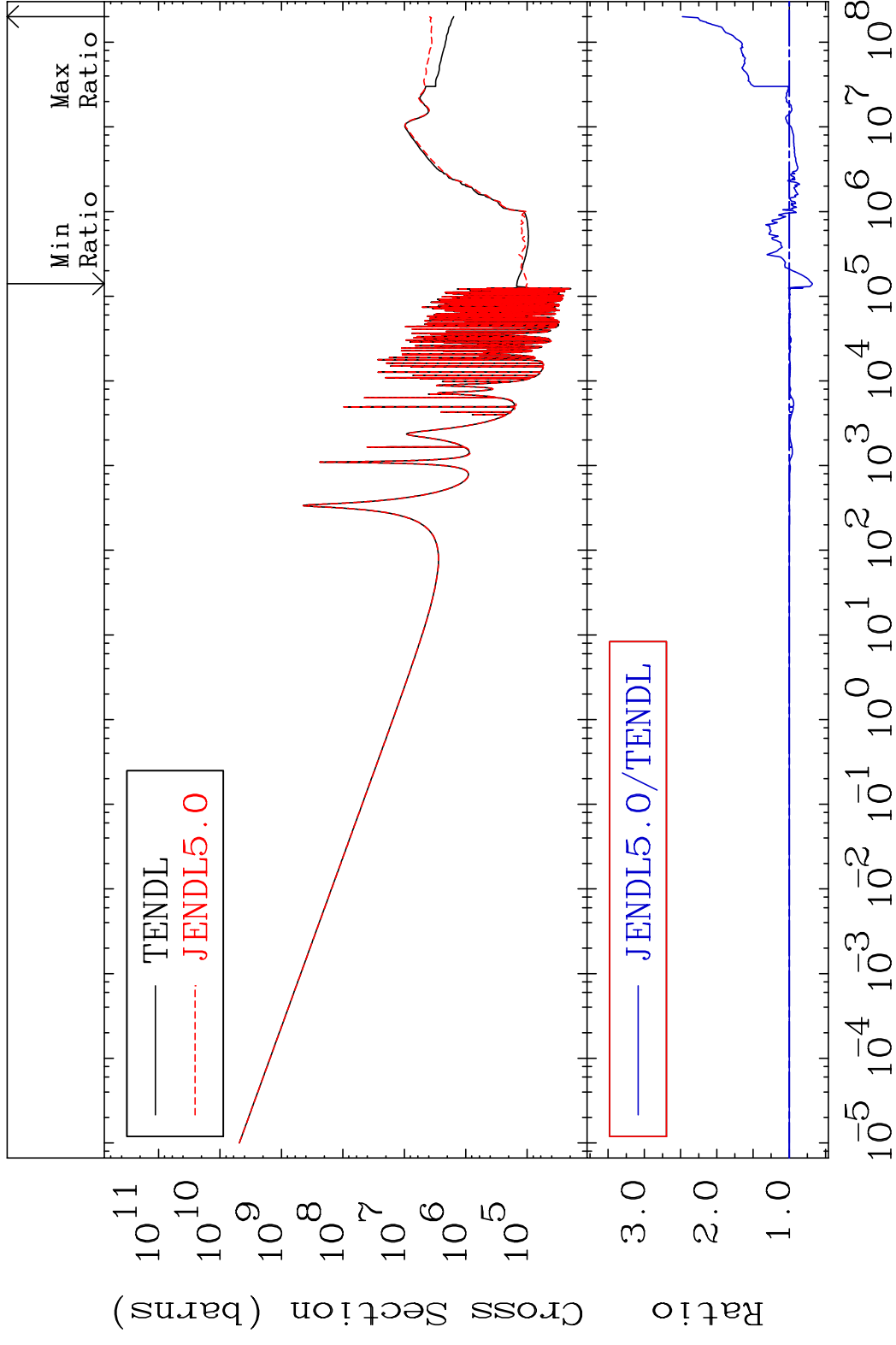
60 Incident Energy (eV) 25-Mn-55

MAT 2525

Total photon (eV-barns)

25-Mn-55

Cross Section -32.07 To 147.6 %

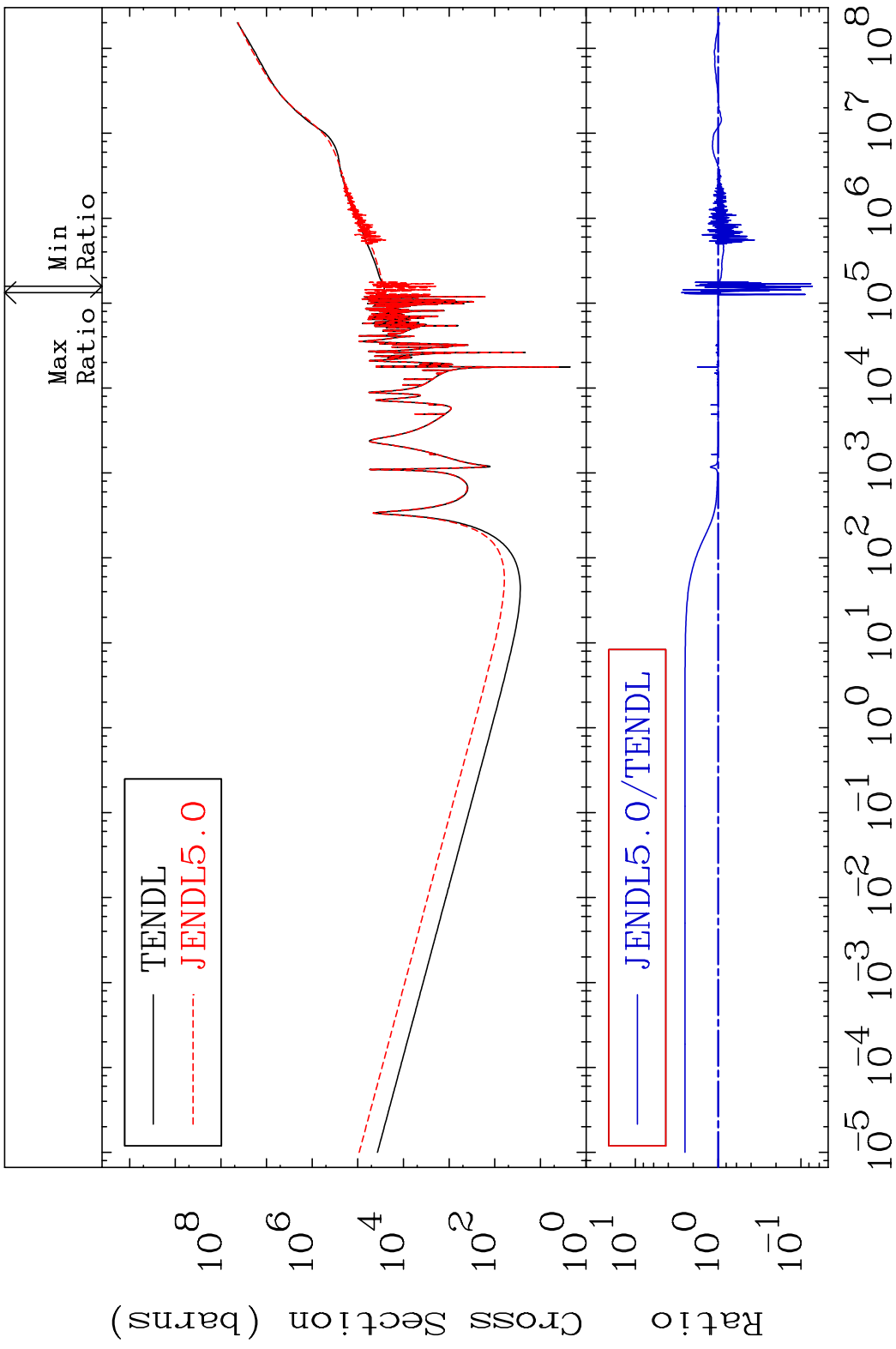


61

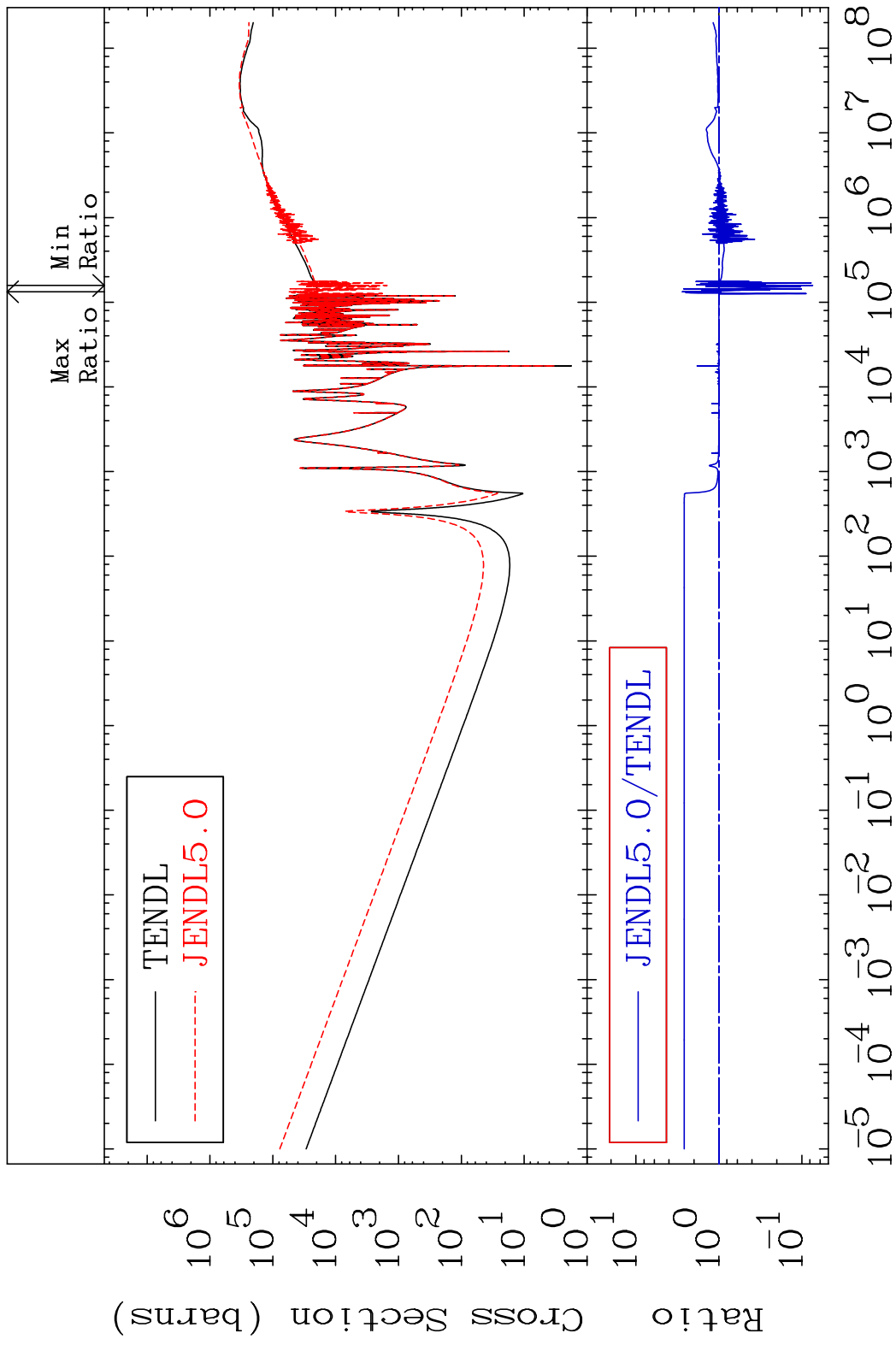
Incident Energy (eV)

25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55  
Cross Section -92.71 To 175.0 %



MAT 2525      Dpa total (eV-barns)      25-Mn-55  
 Cross Section      -92.59 To 175.7 %

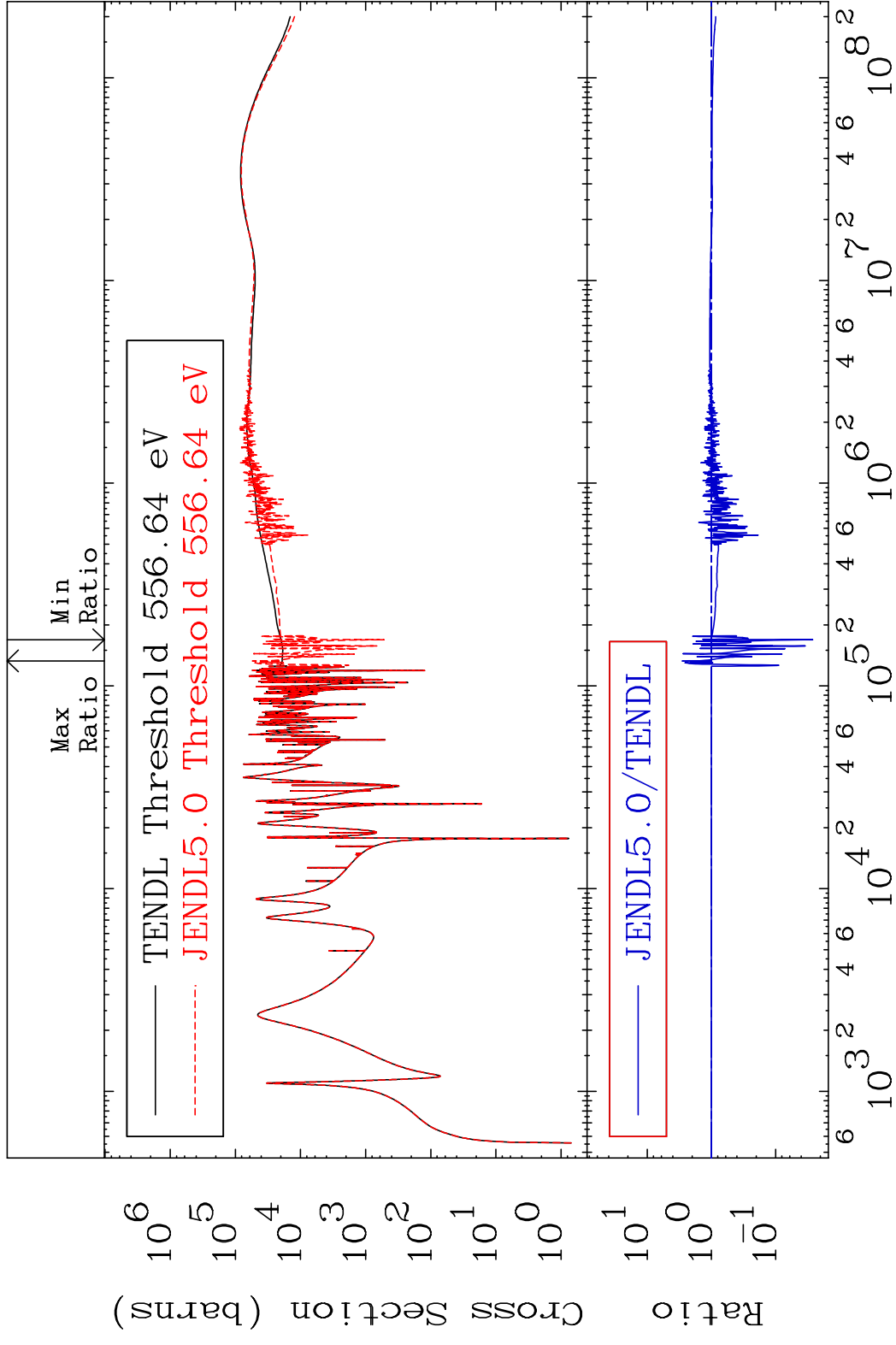


MAT 2525

Dpa elastic (mt2)

25-Mn-55

Cross Section -97.35 To 184.0 %

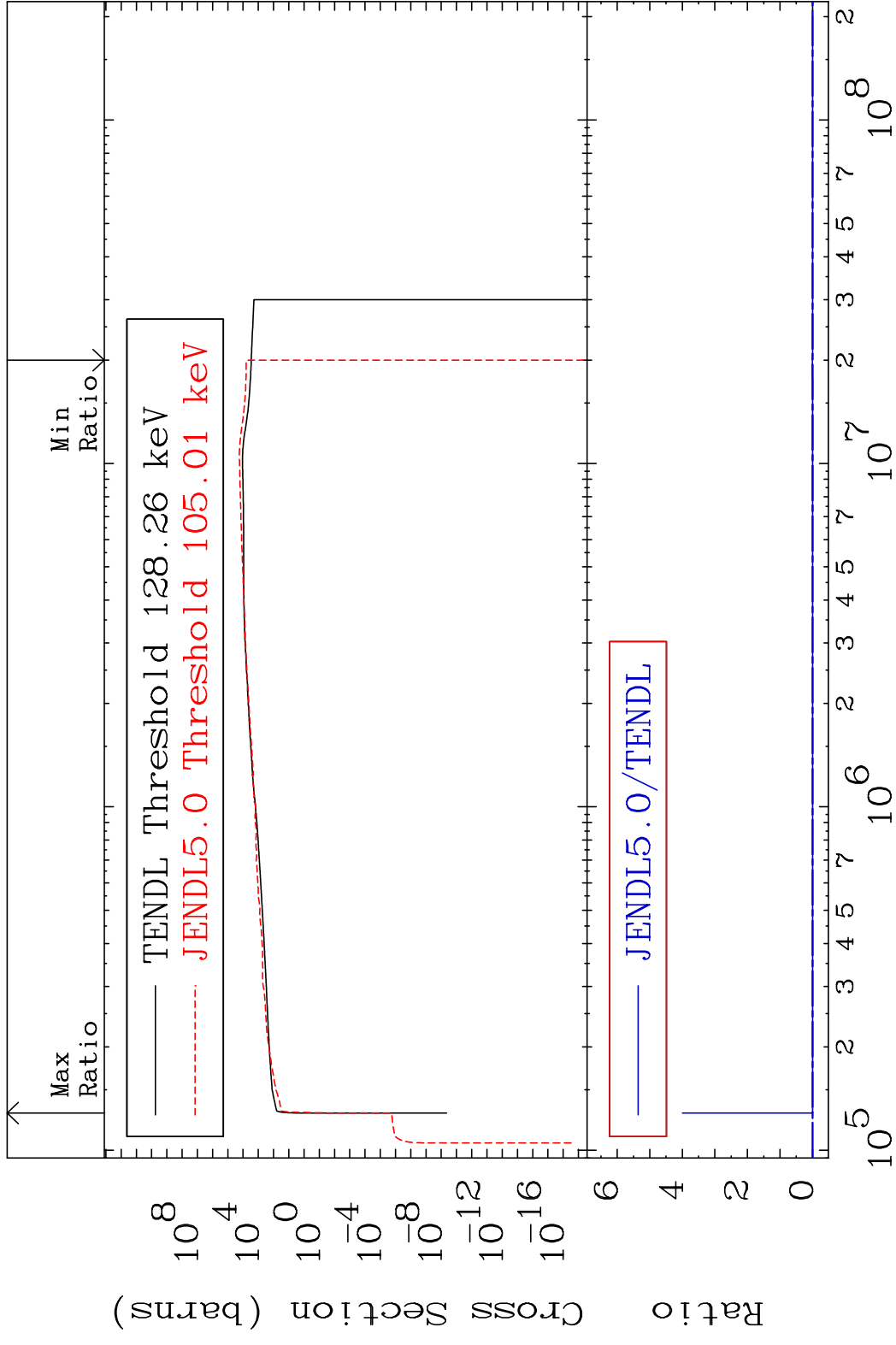


64

Incident Energy (eV)

25-Mn-55

MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55  
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55  
 Cross Section -100.0 To 162.4 %

