

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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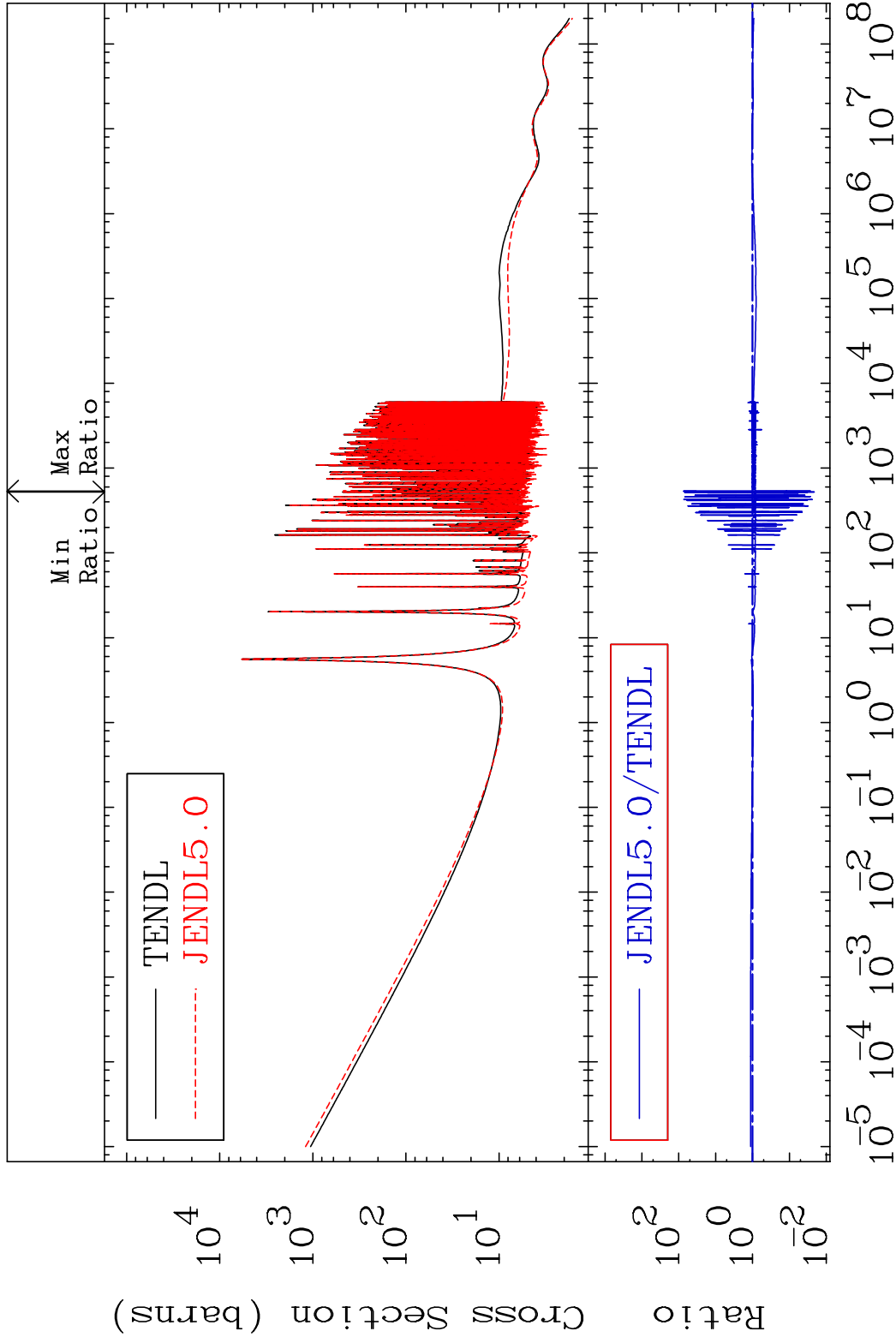
Press Mouse Button to Start

MAT 4325

Total

43-Tc-99

Cross Section -97.86 To 7271. %



1

Incident Energy (eV)

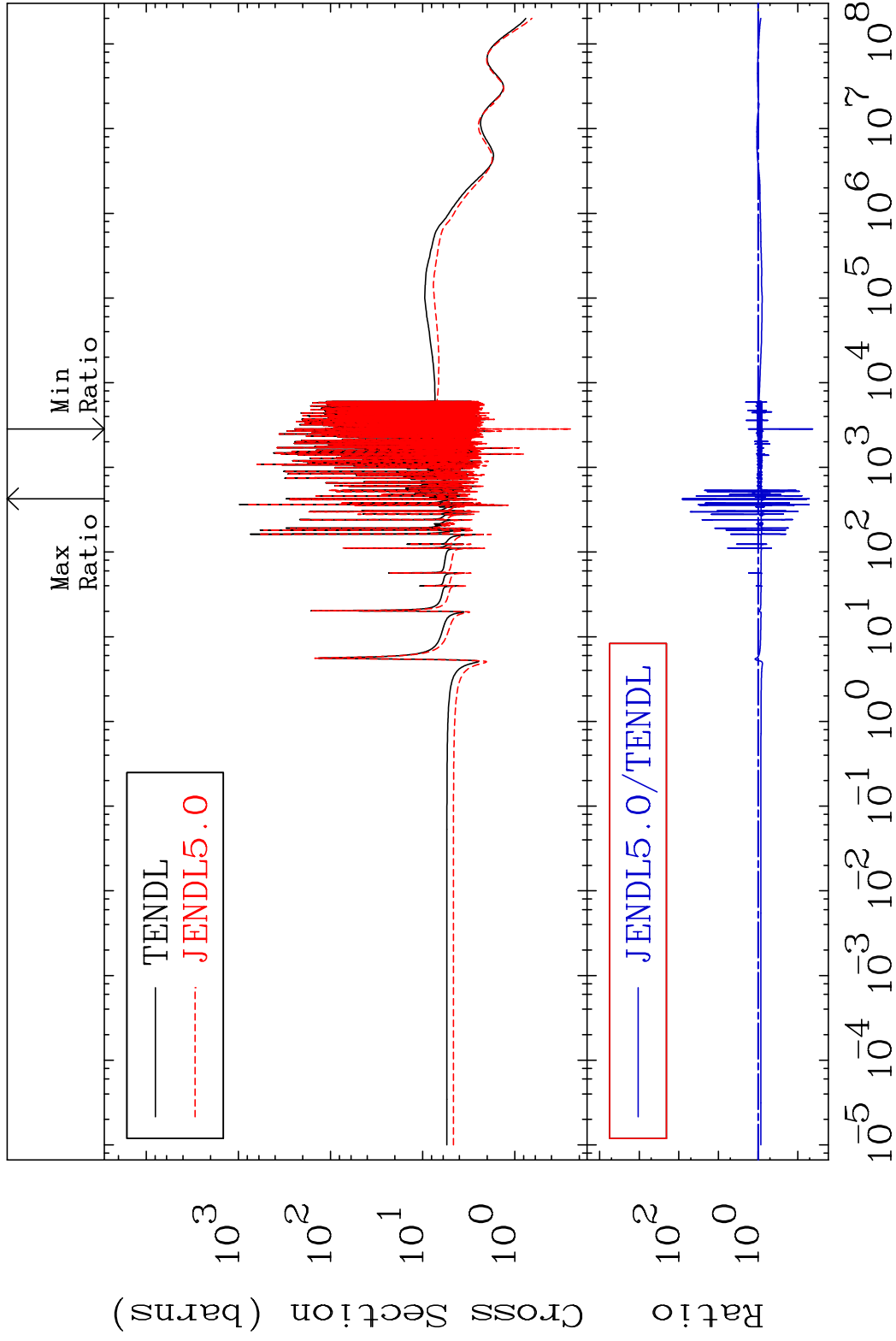
43-Tc-99

MAT 4325

Elastic

43-Tc-99

Cross Section -95.79 To 8048. %

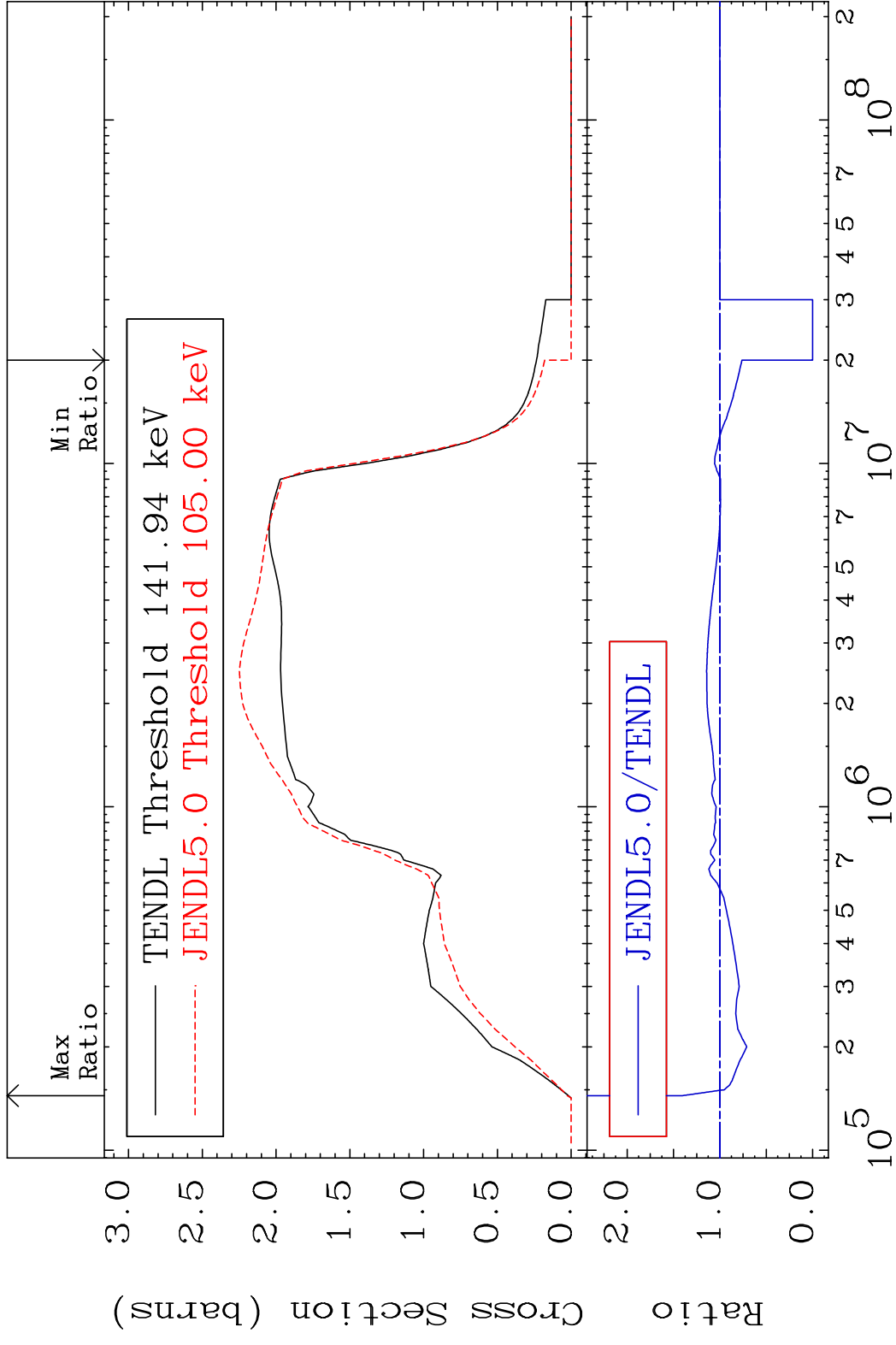


2

Incident Energy (eV)

43-Tc-99

MAT 4325 Inelastic 43-Tc-99  
 Cross Section -100.0 To 40.43 %



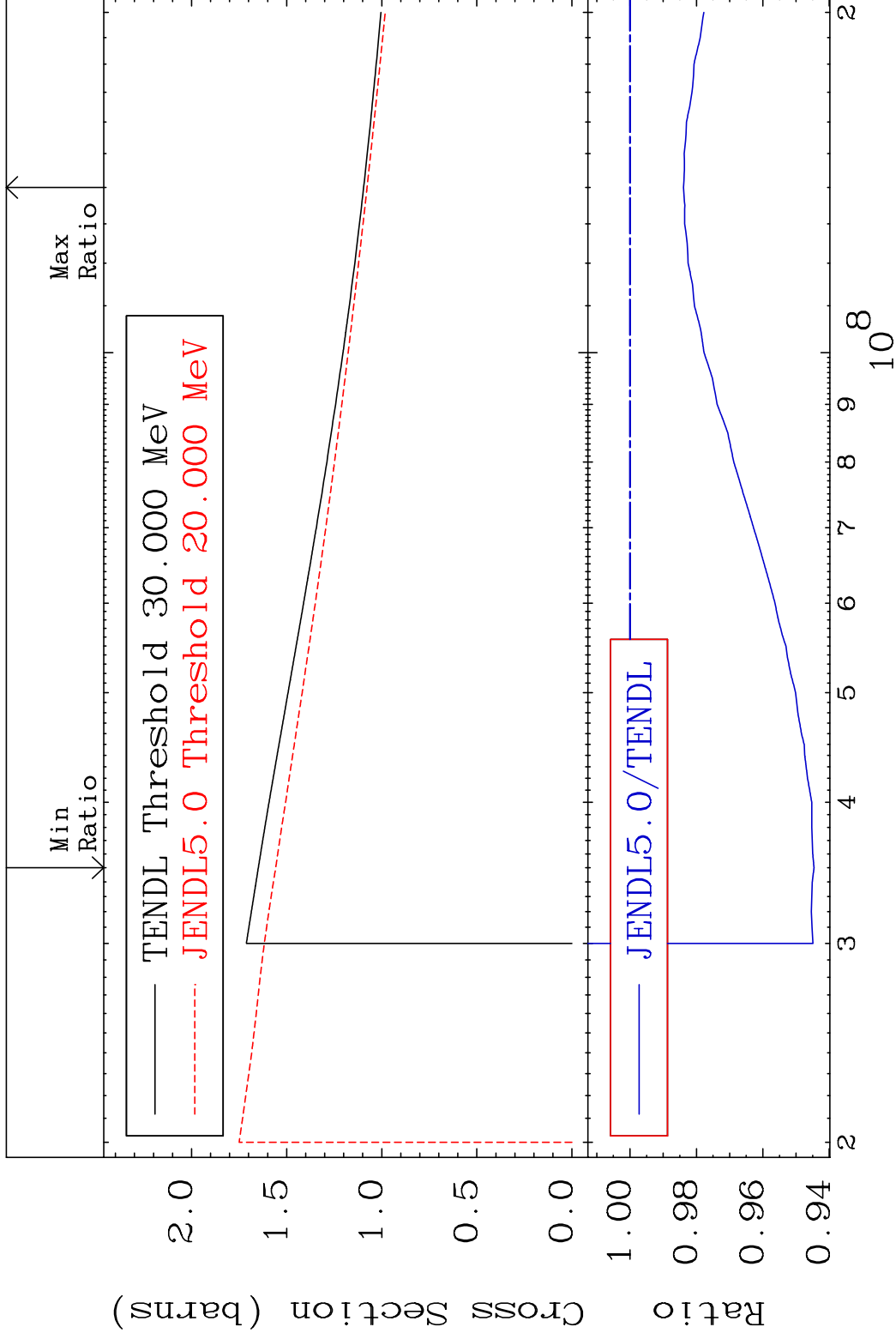
3 2 3 4 5 7 10<sup>6</sup> 2 3 4 5 7 10<sup>7</sup> 2 3 4 5 7 10<sup>8</sup> 2  
 43-Tc-99

MAT 4325

(n, remainder)

43-Tc-99

Cross Section -5.541 To -1.610%



4

Incident Energy (eV)

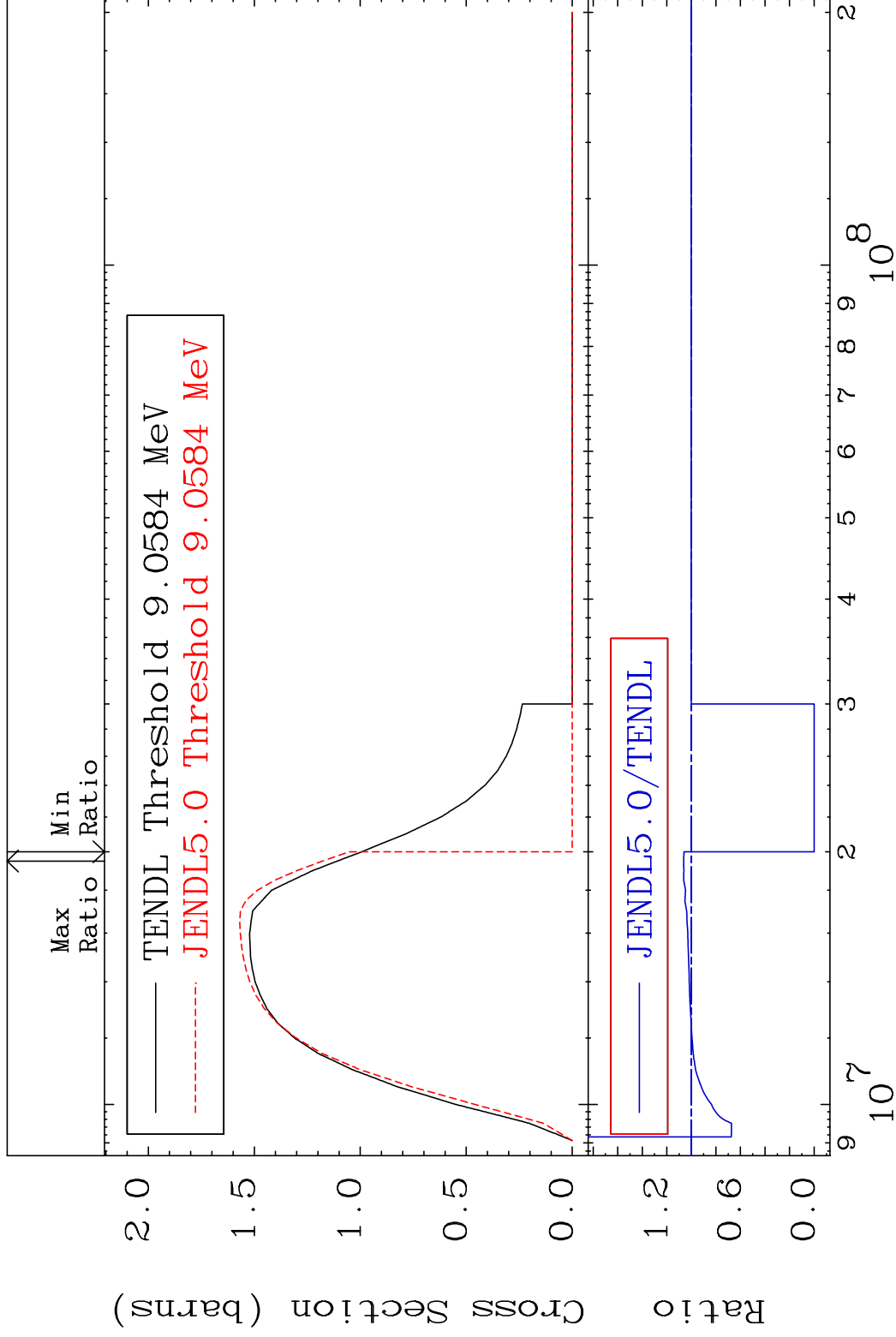
43-Tc-99

MAT 4325

(n,2n)

43-Tc-99

Cross Section -100.0 To 6.259 %

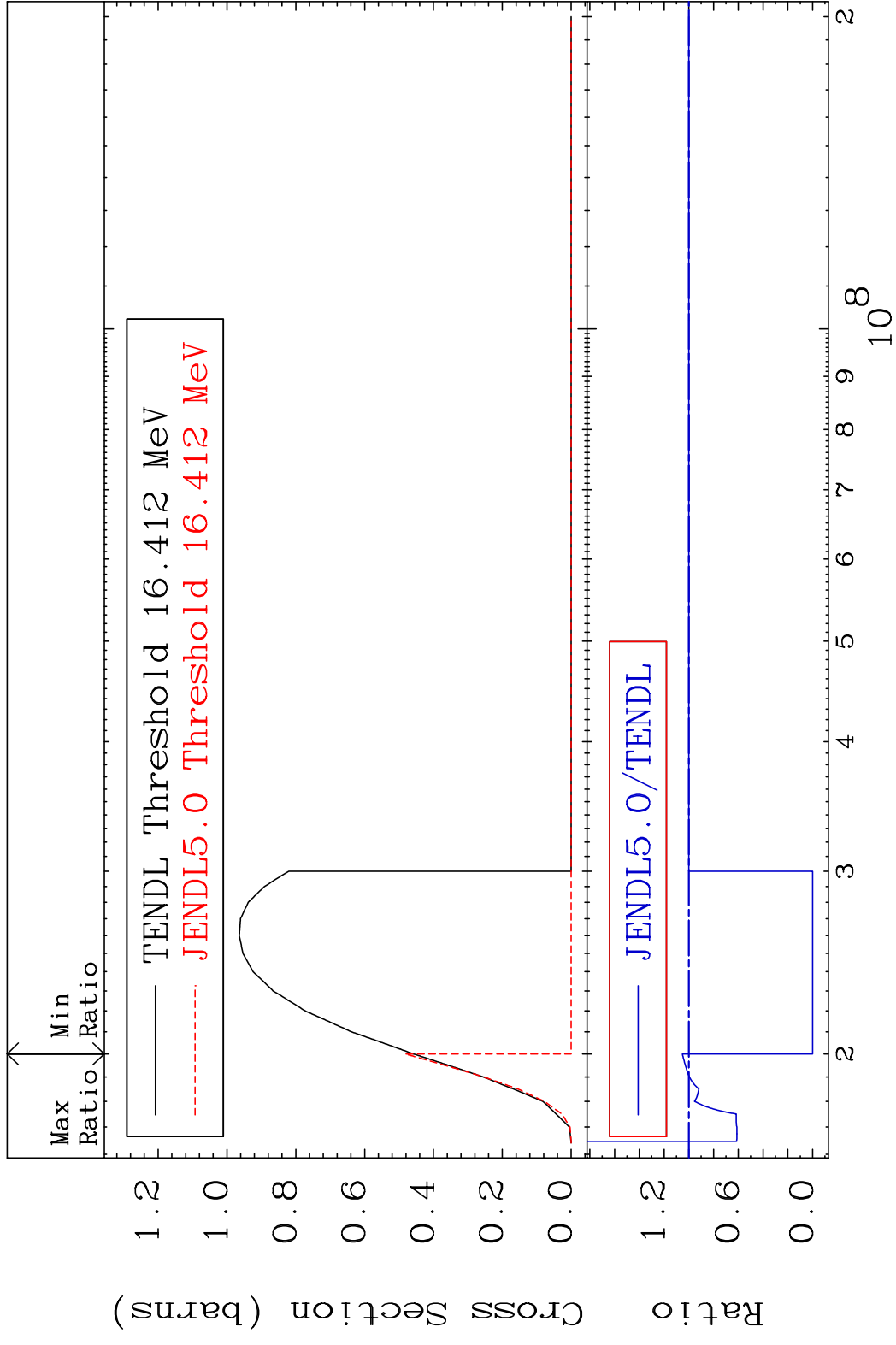


5

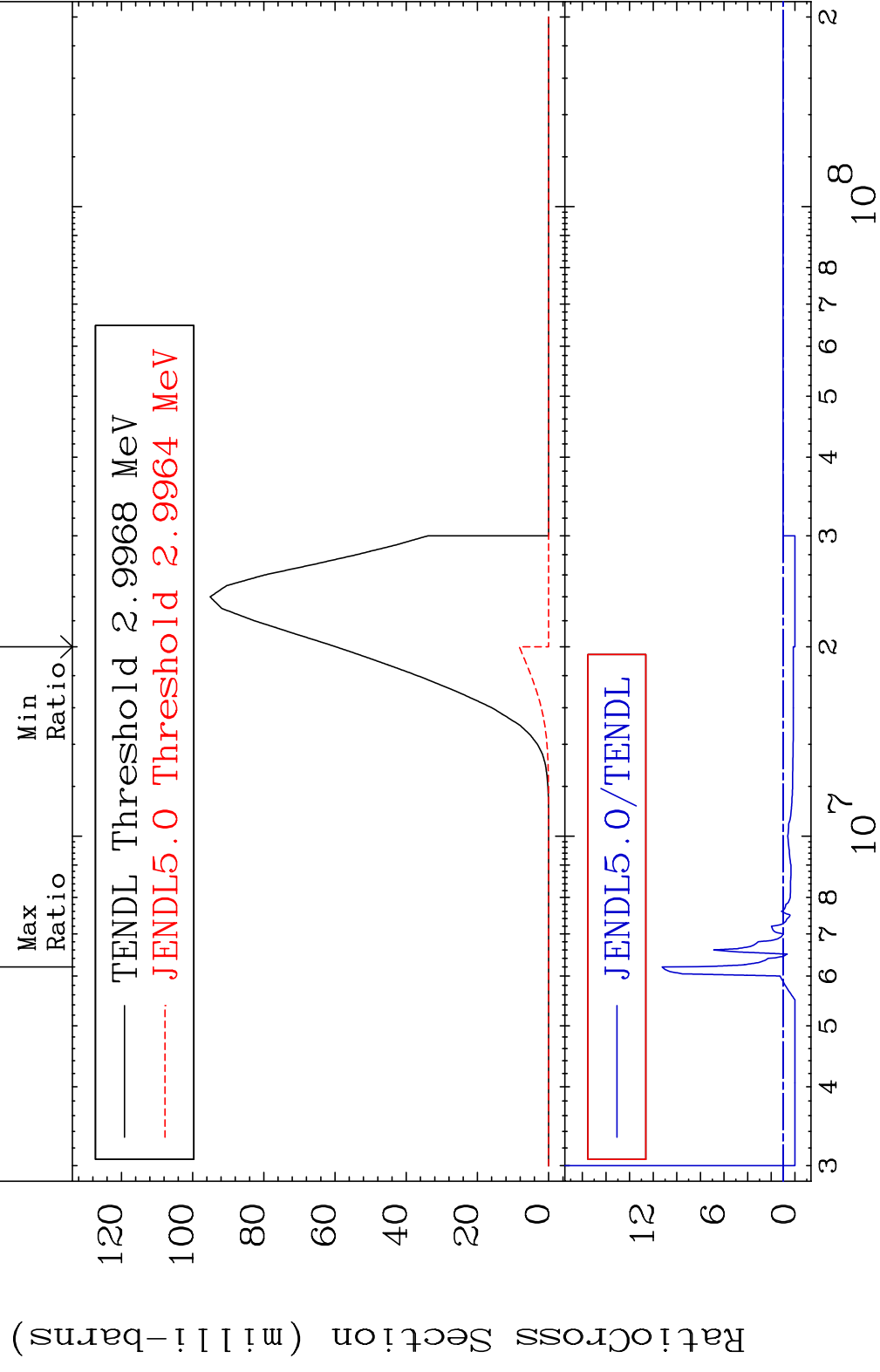
Incident Energy (eV)

43-Tc-99

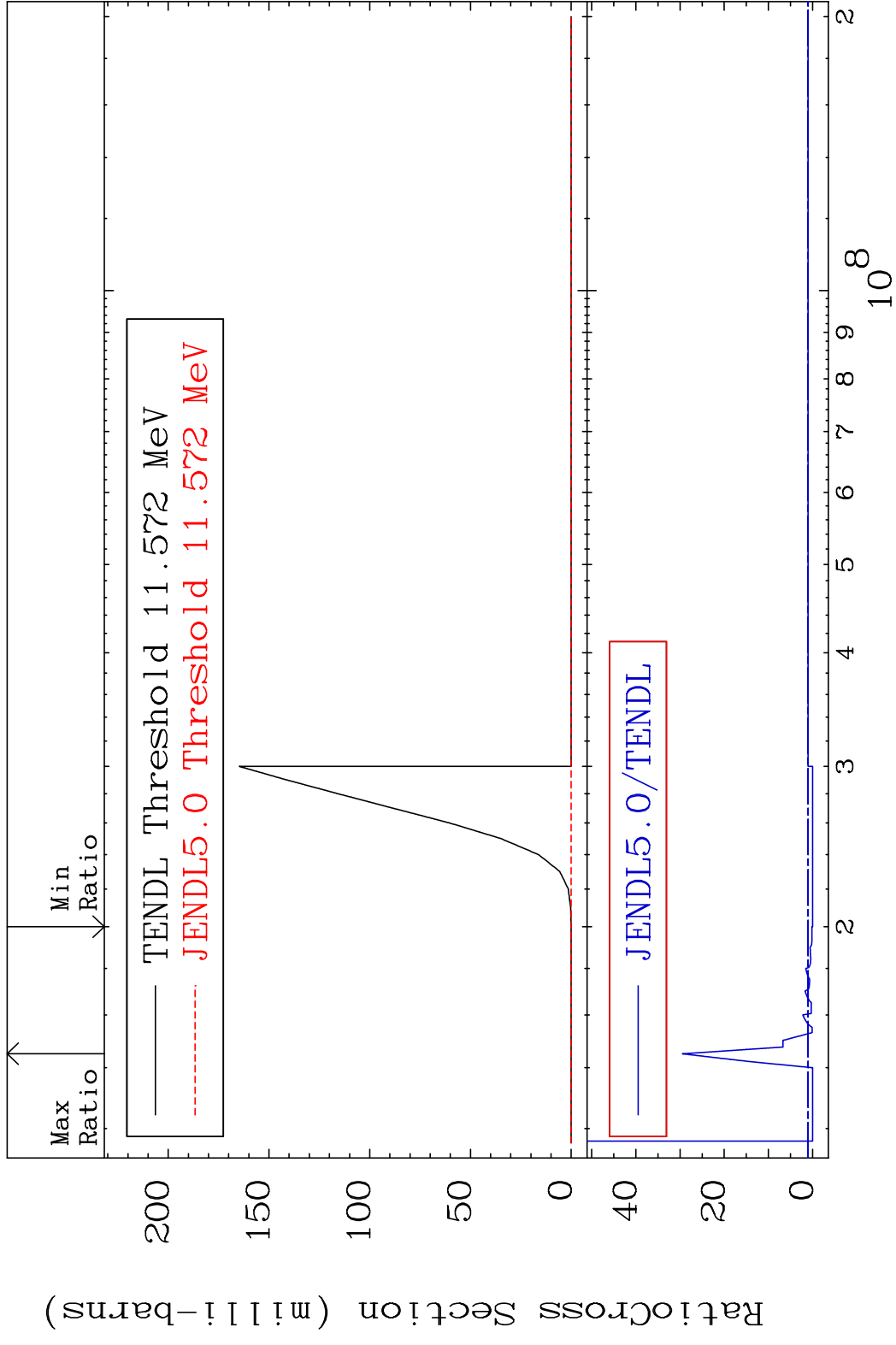
MAT 4325 (n,3n) 43-Tc-99  
 Cross Section -100.0 To 5.218 %



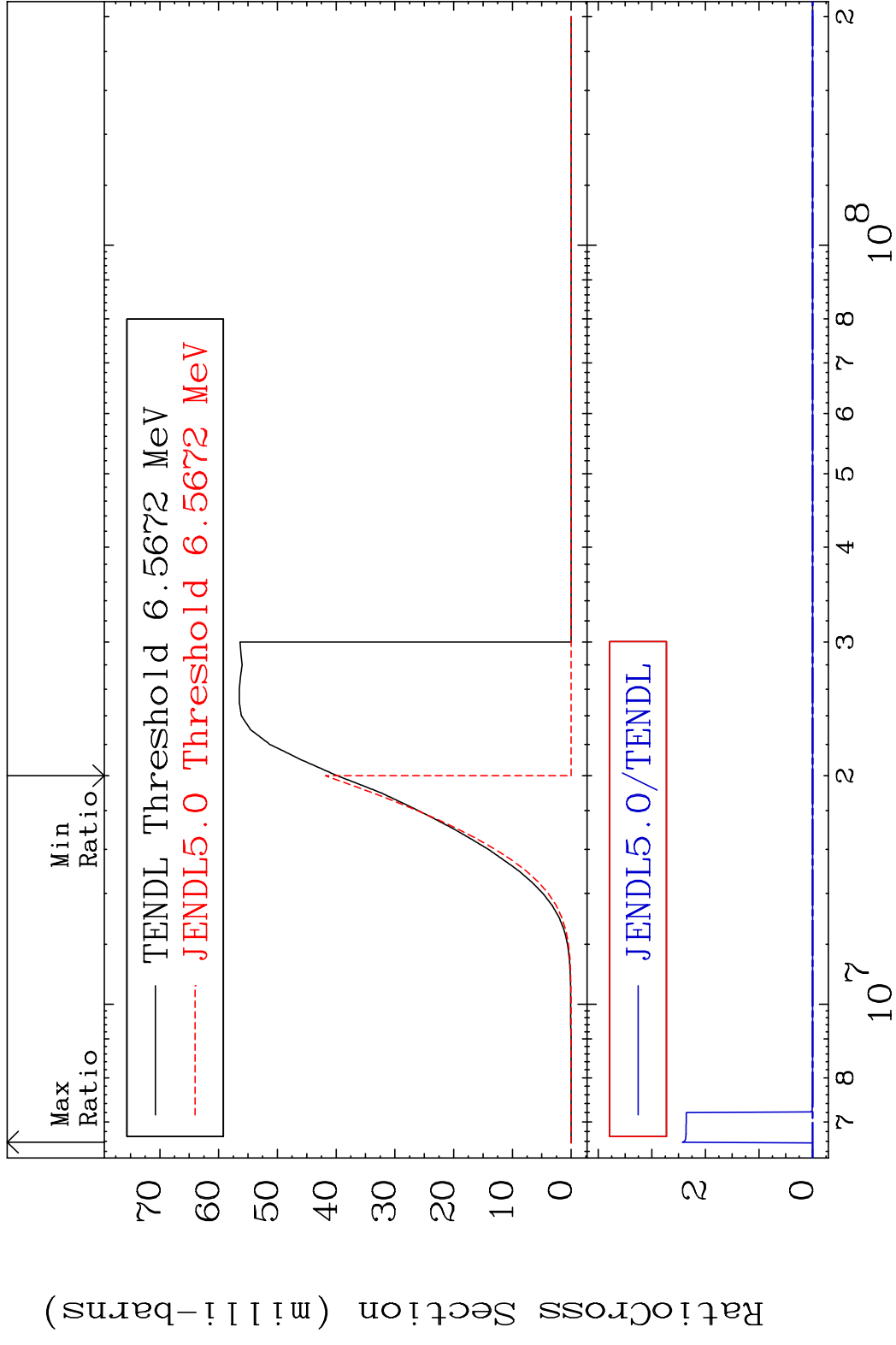
MAT 4325 (n, n')  $\alpha$  43-Tc-99  
 Cross Section -100.0 To 1025. %



MAT 4325 (n,2n)  $\alpha$  43-Tc-99  
 Cross Section -100.0 To 2848. %



MAT 4325 (n, n') p 43-Tc-99  
 Cross Section -100.0 To 9999. %

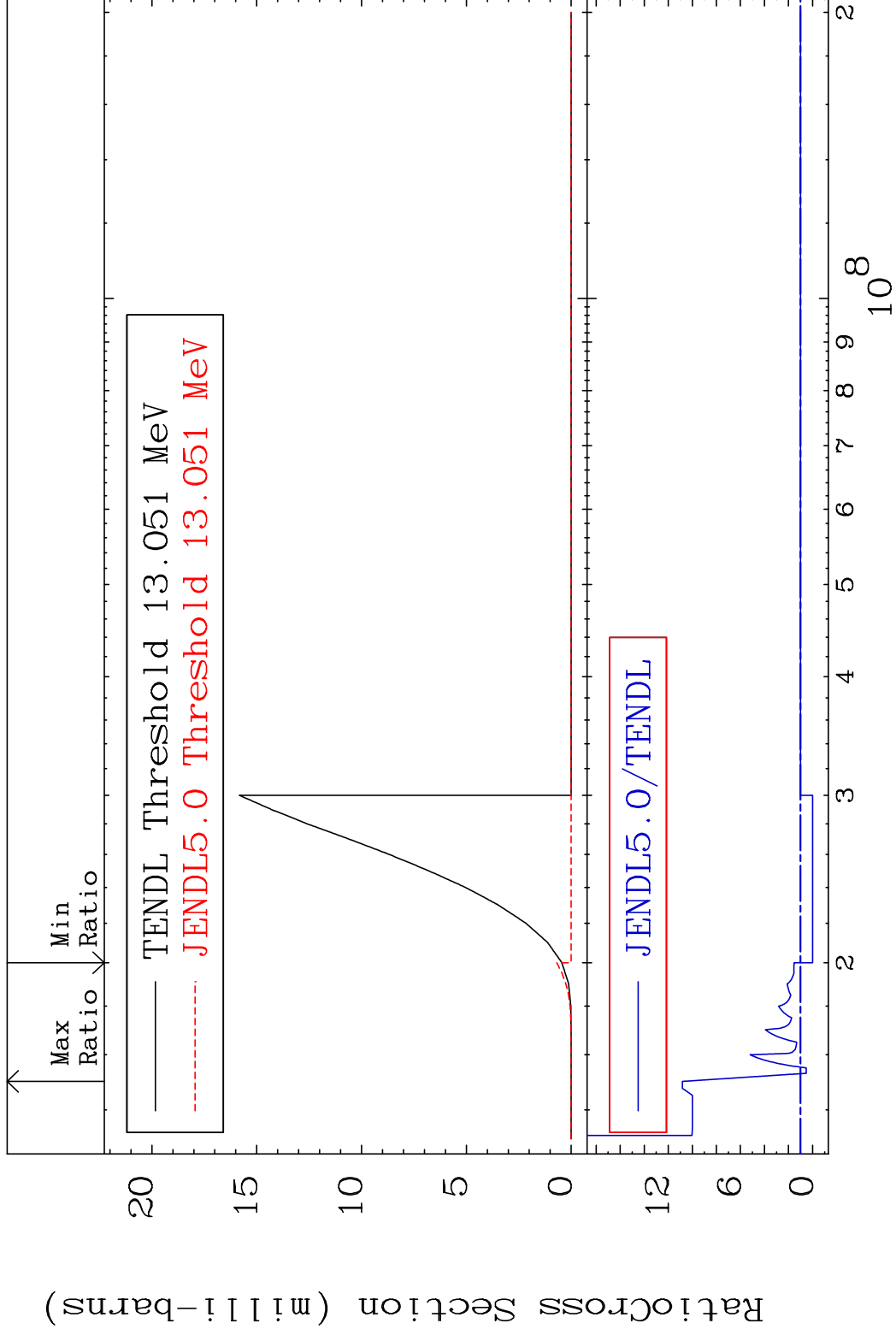


MAT 4325

(n, n') d

43-Tc-99

Cross Section -100.0 To 982.8 %

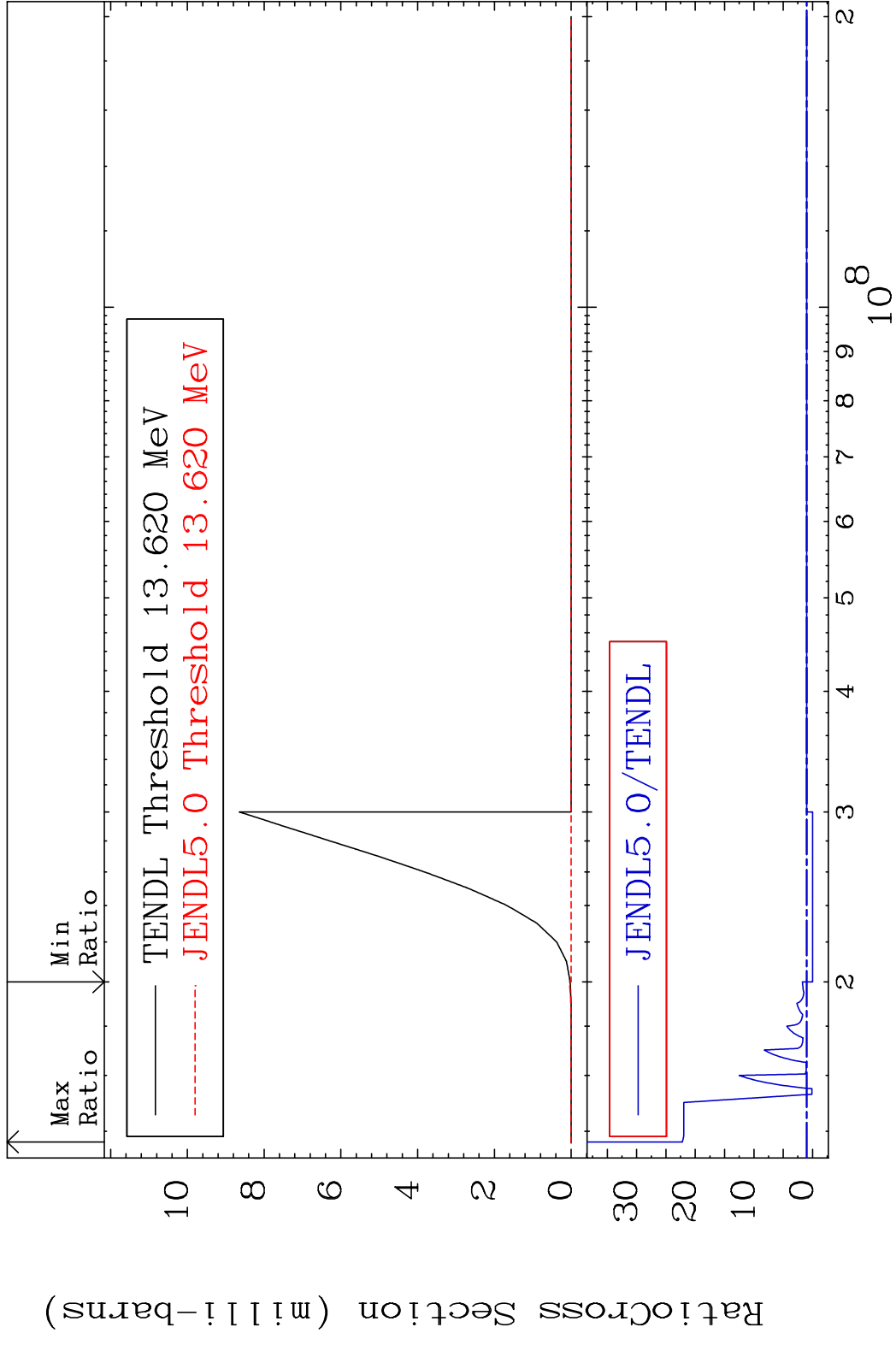


10

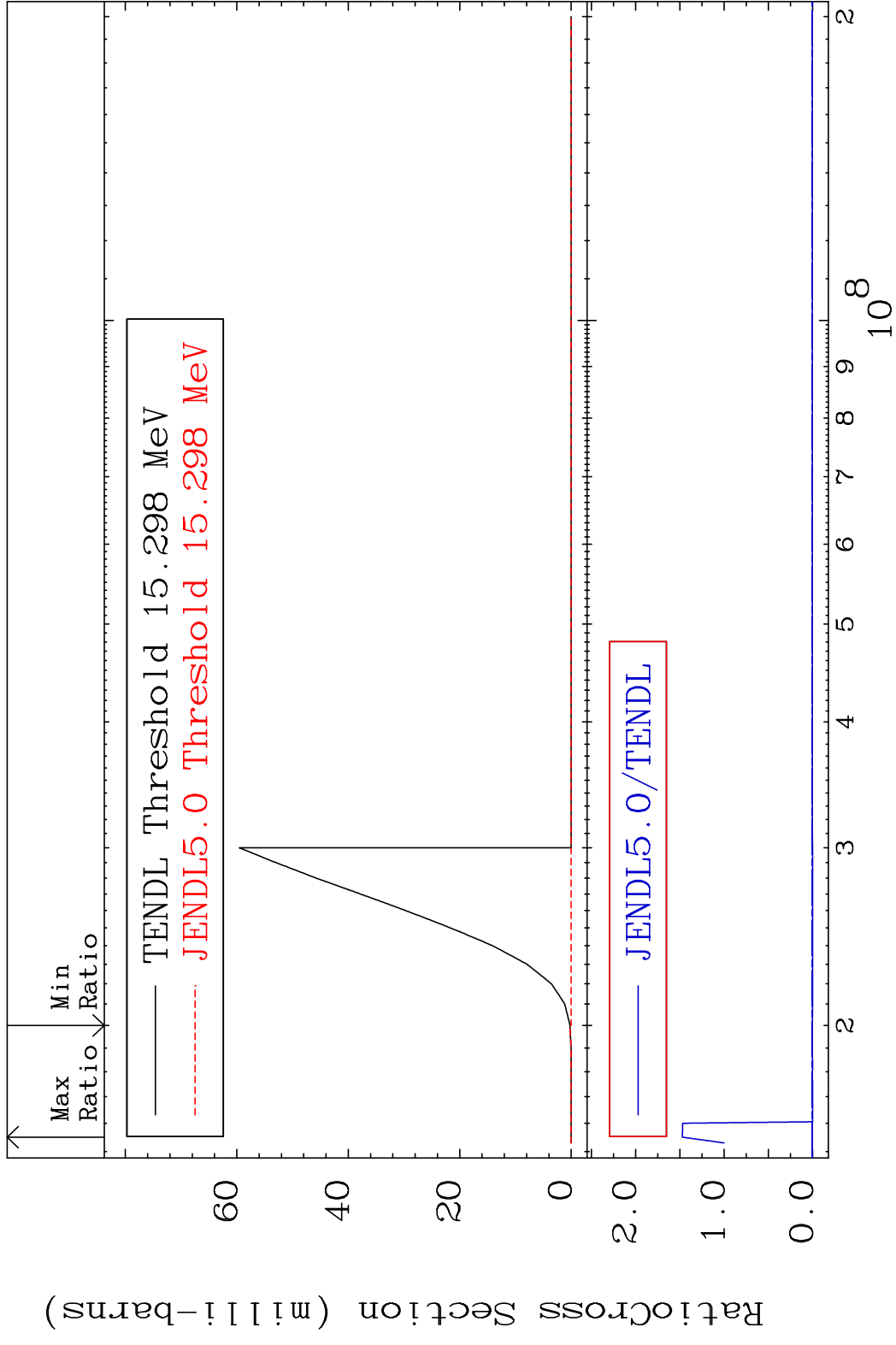
Incident Energy (eV)

43-Tc-99

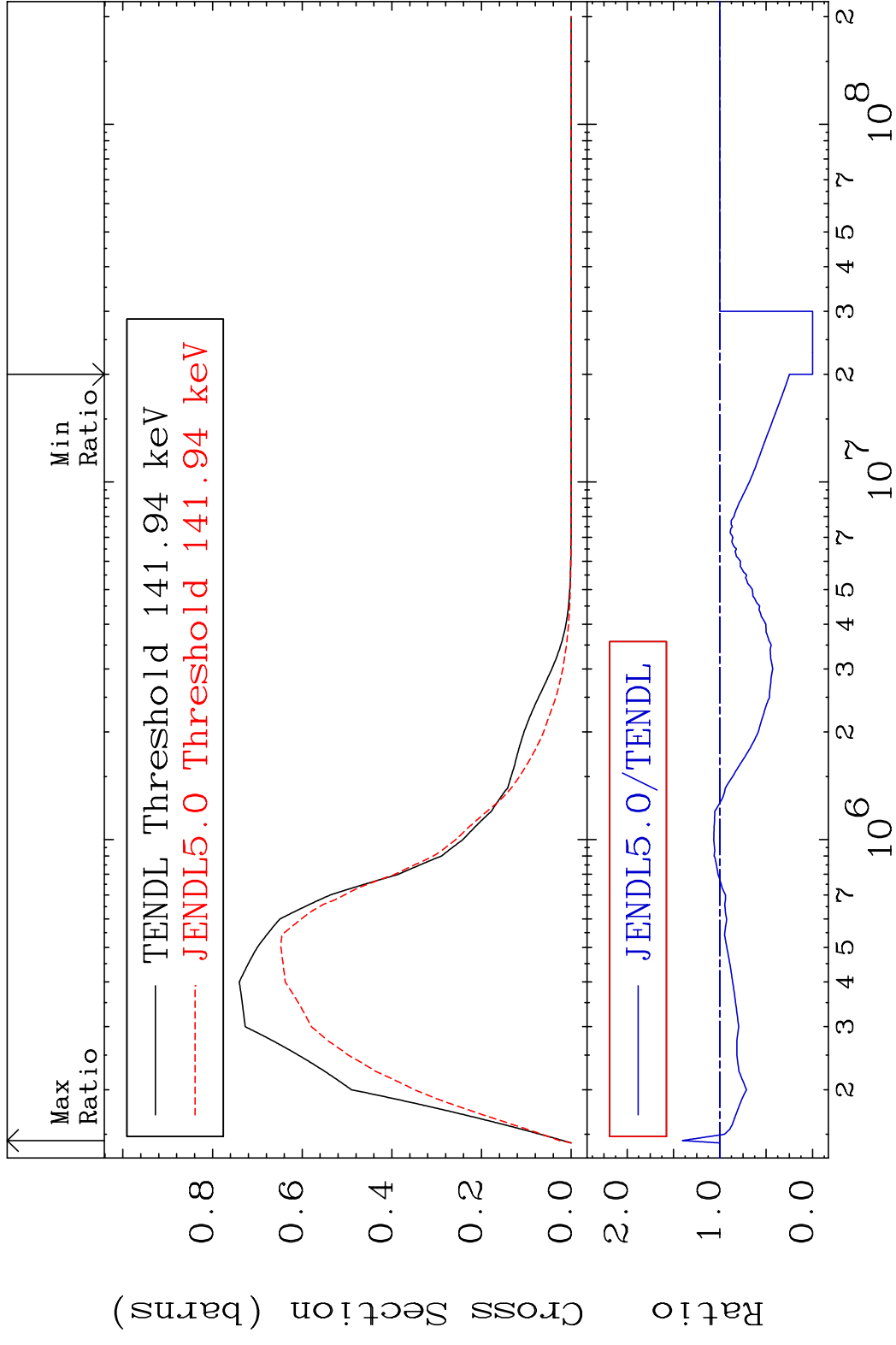
MAT 4325 (n, n') t 43-Tc-99  
 Cross Section -100.0 To 2120. %



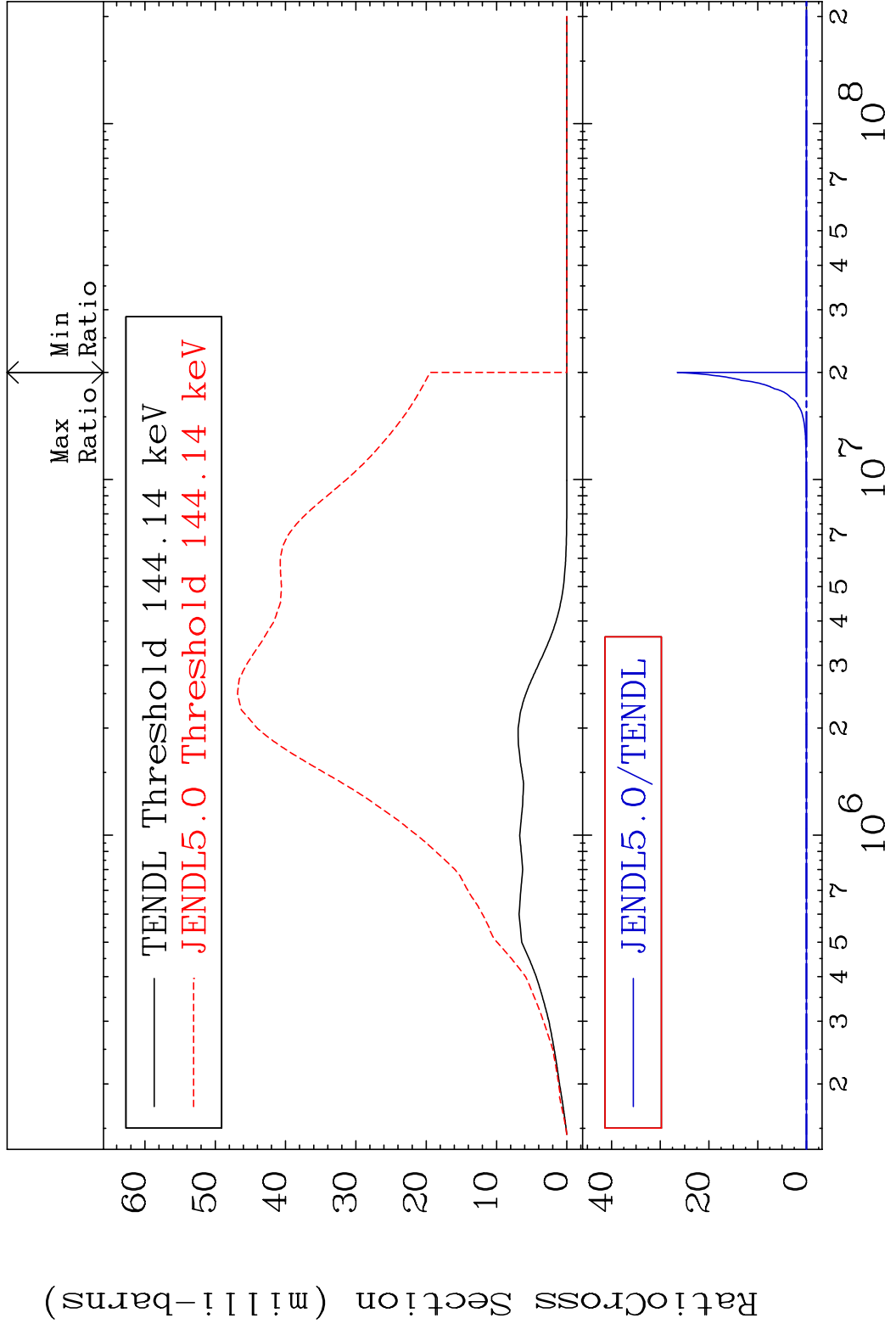
MAT 4325 (n,2n) p 43-Tc-99  
 Cross Section -100.0 To 9999. %



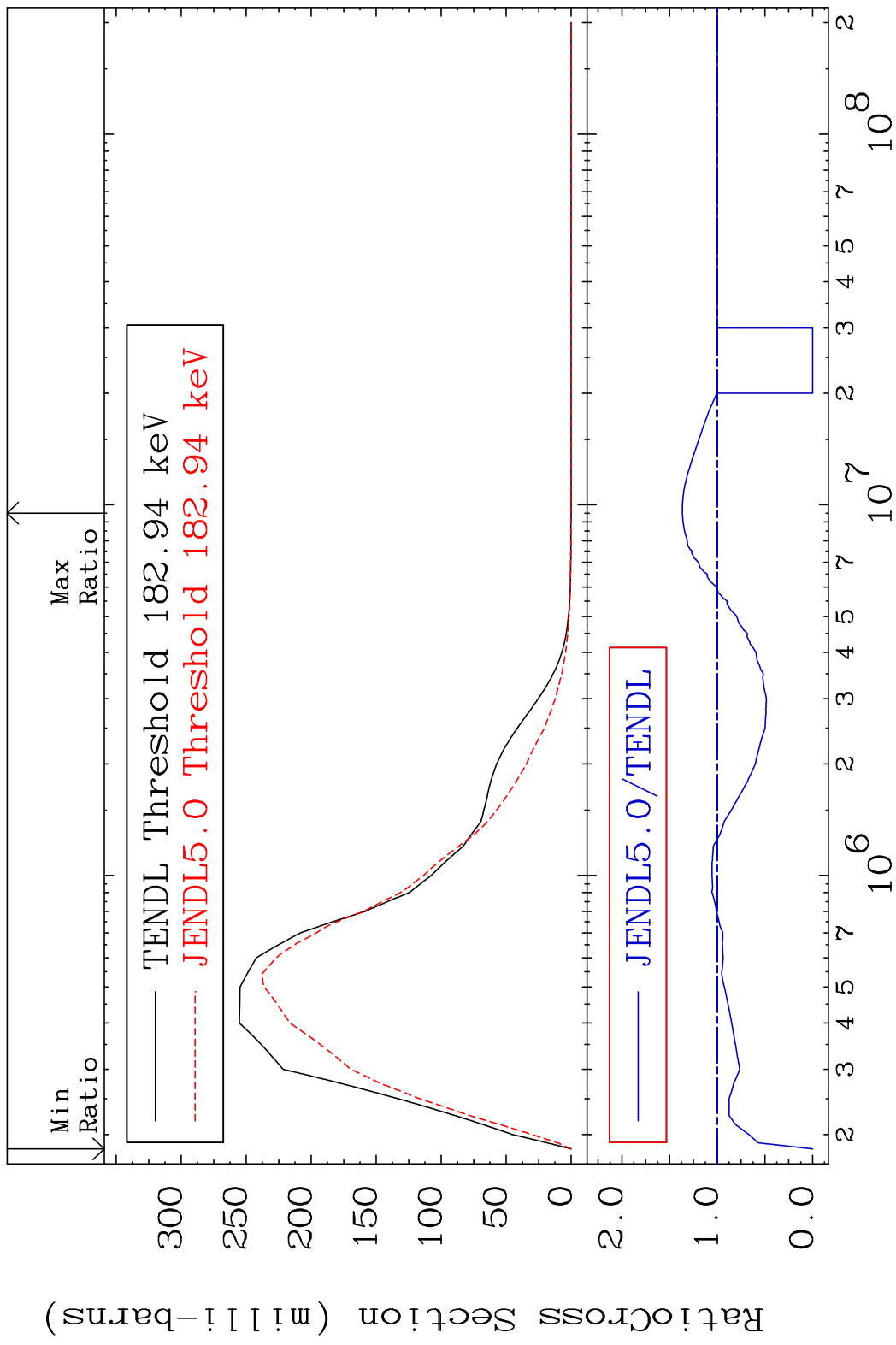
MAT 4325 MT= 51 (n,n') Level 43-Tc-99  
 Cross Section -100.0 To 40.41 %



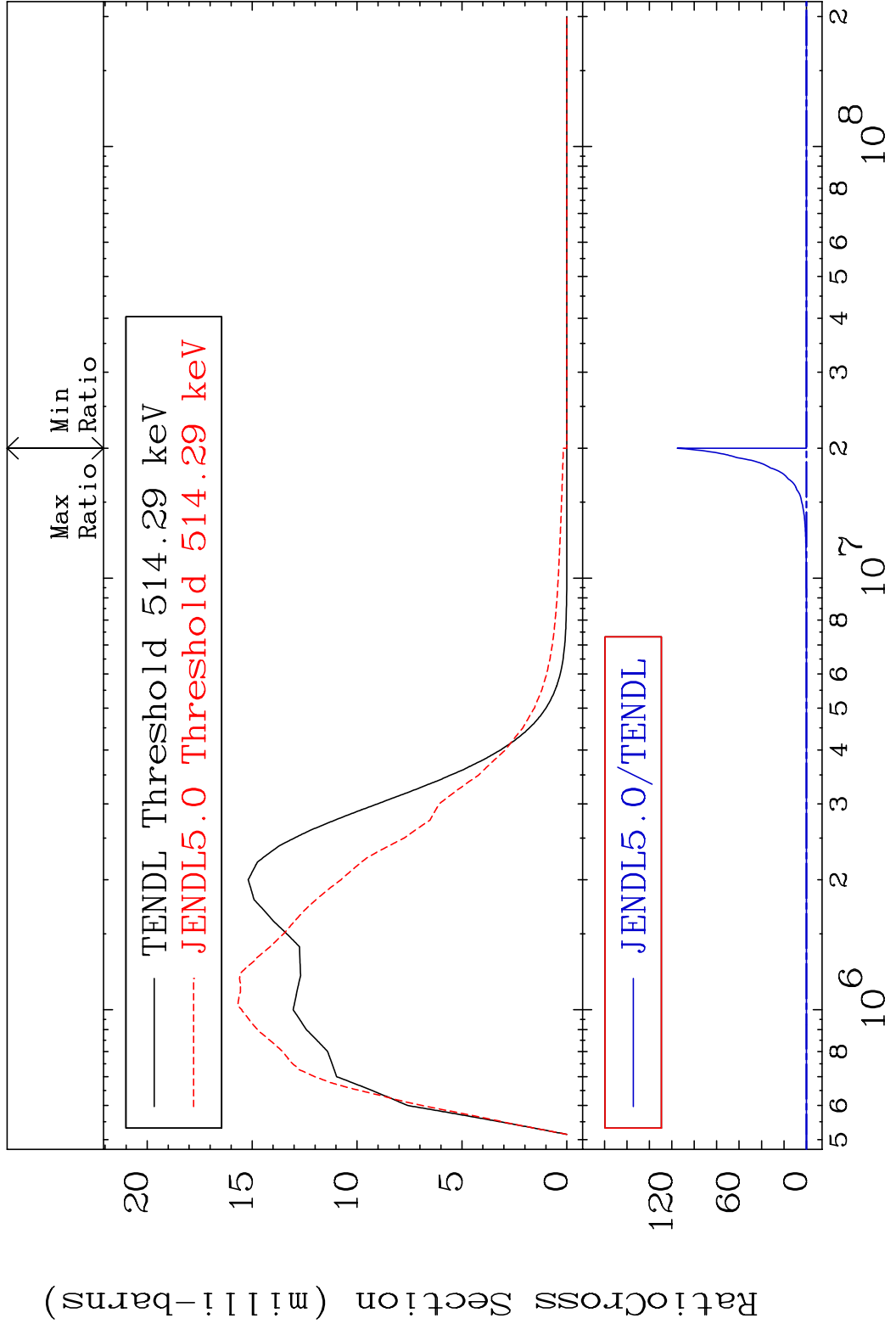
MAT 4325 MT= 52 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



MAT 4325 MT= 53 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 36.61 %

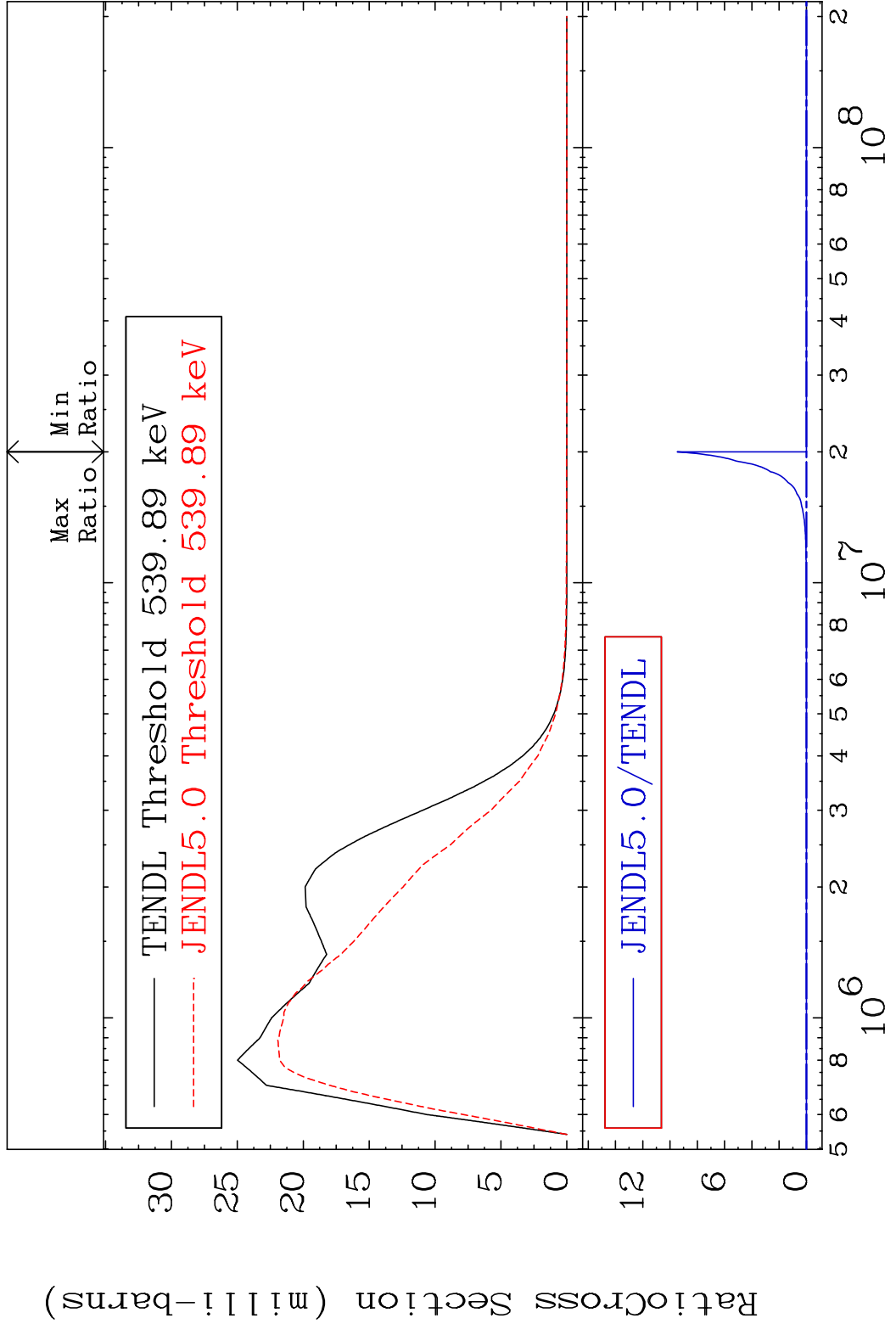


MAT 4325 MT= 54 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %

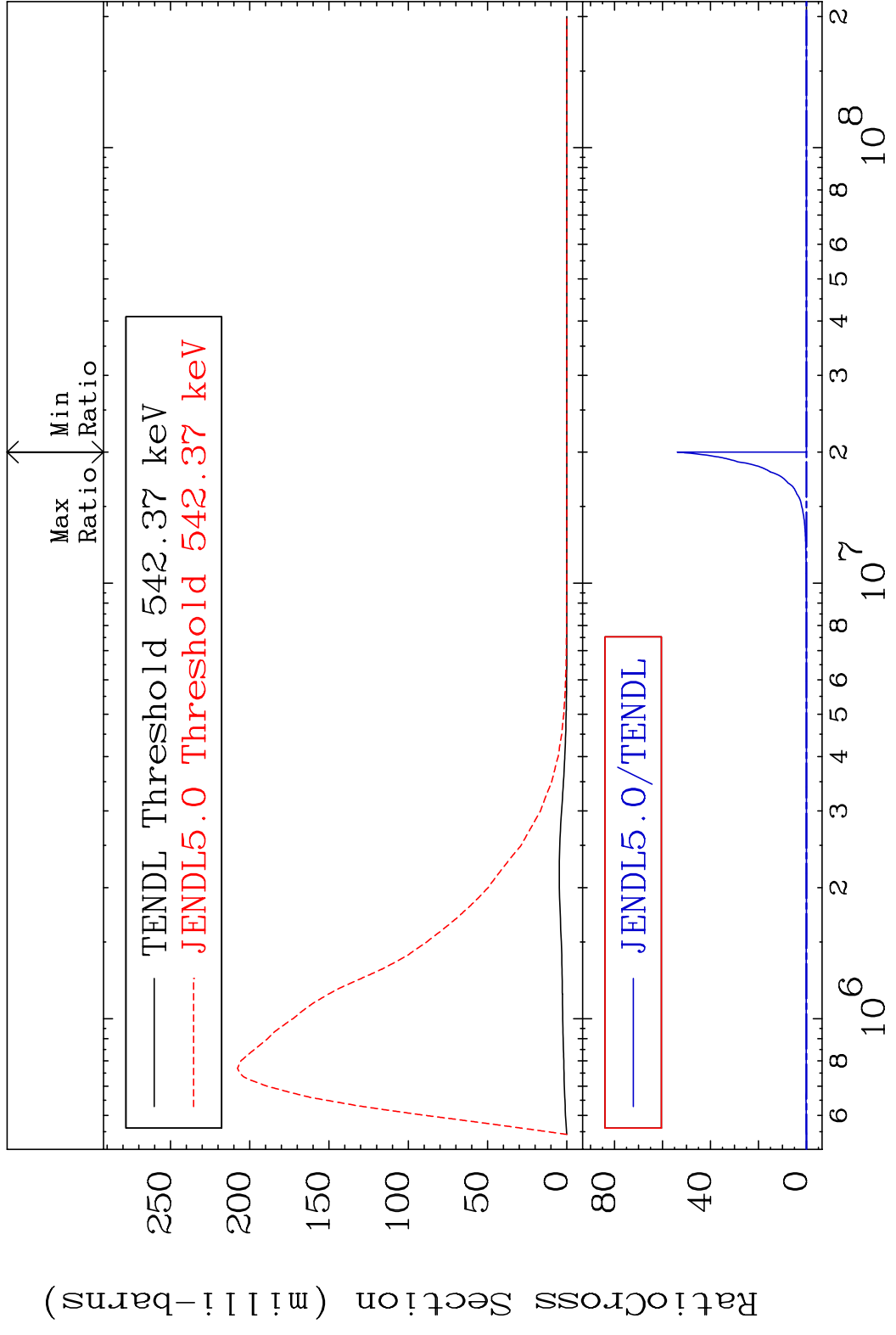


16 43-Tc-99

MAT 4325 MT= 55 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %

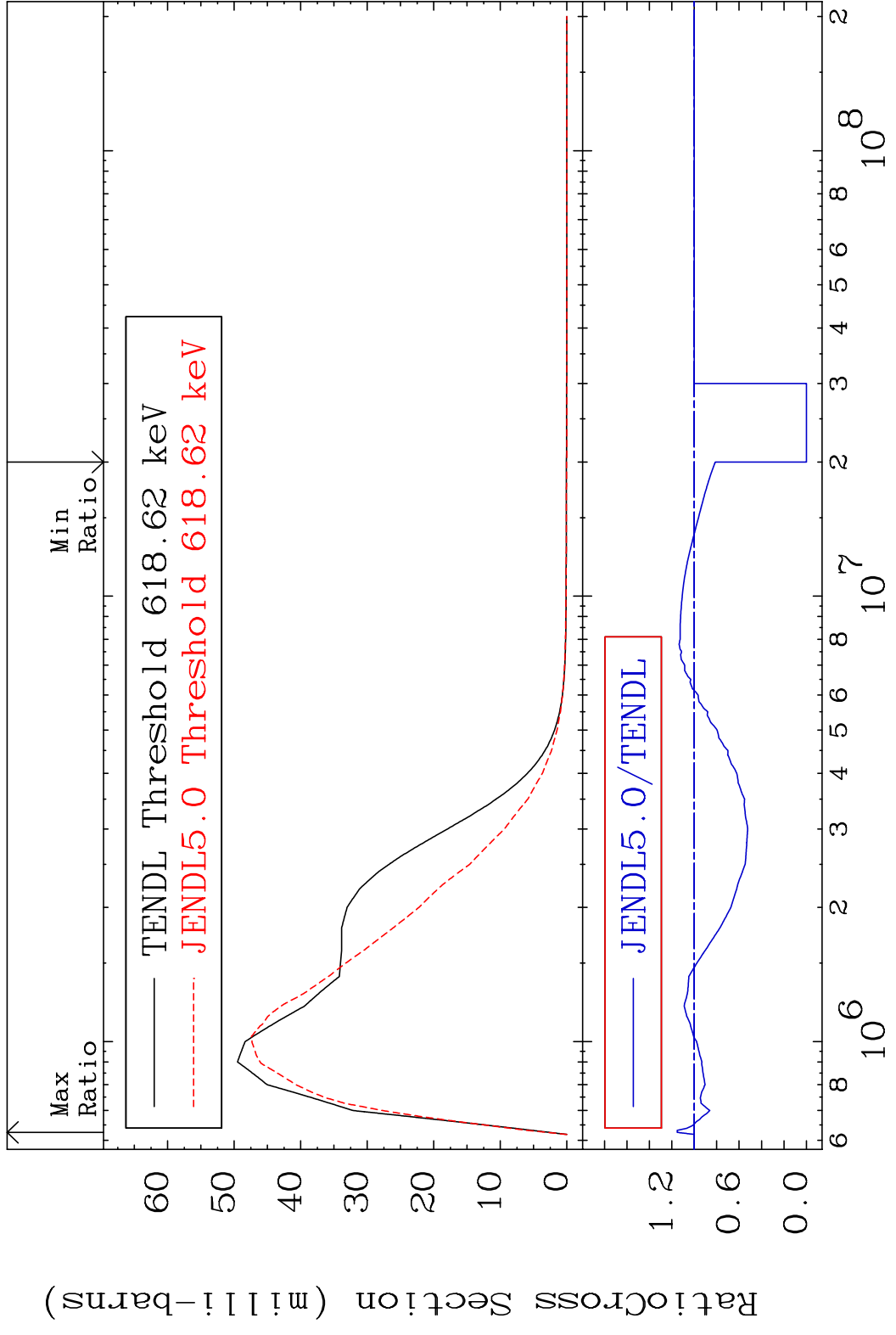


MAT 4325 MT= 56 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %

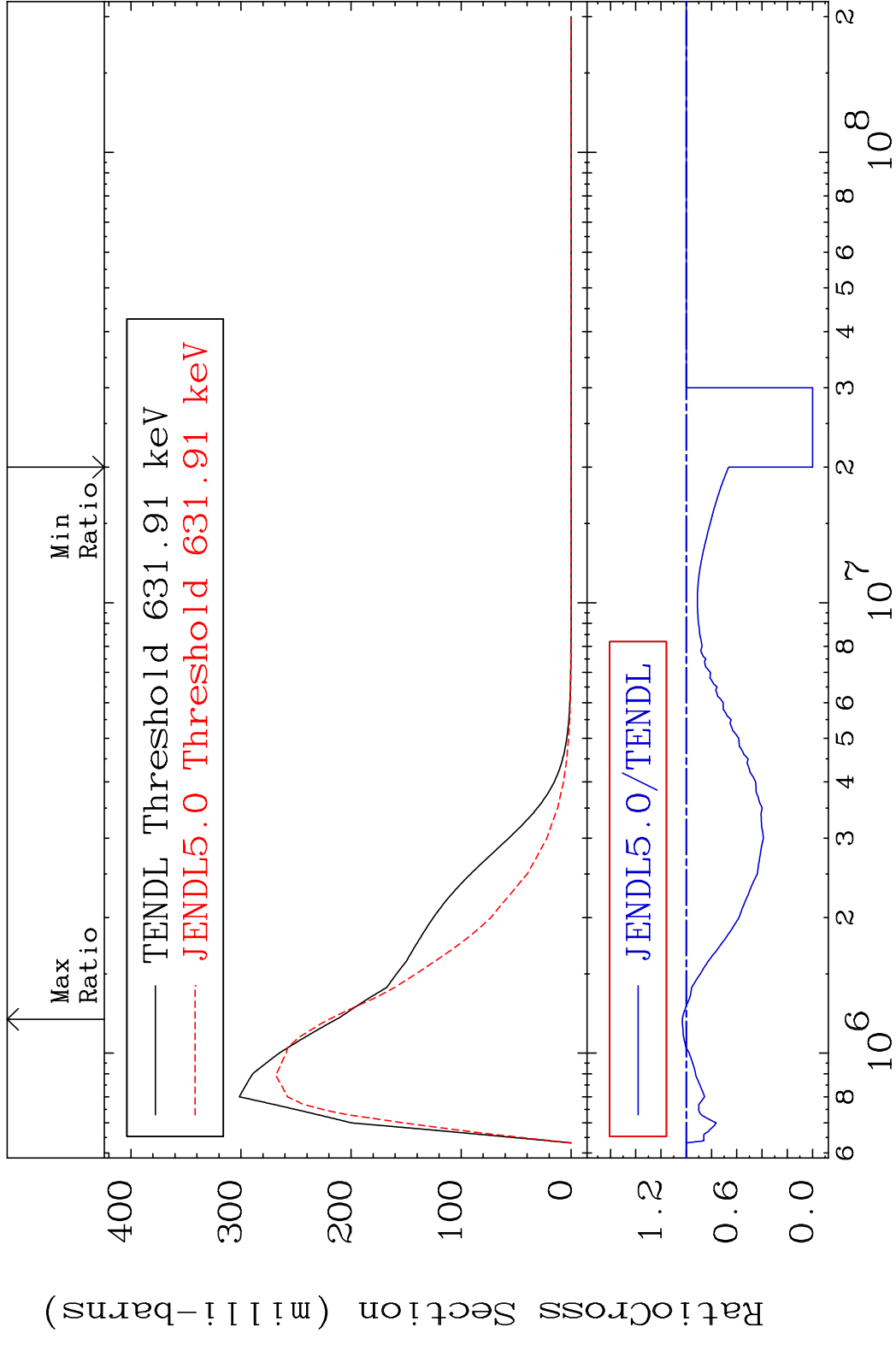


18 Incident Energy (eV) 43-Tc-99

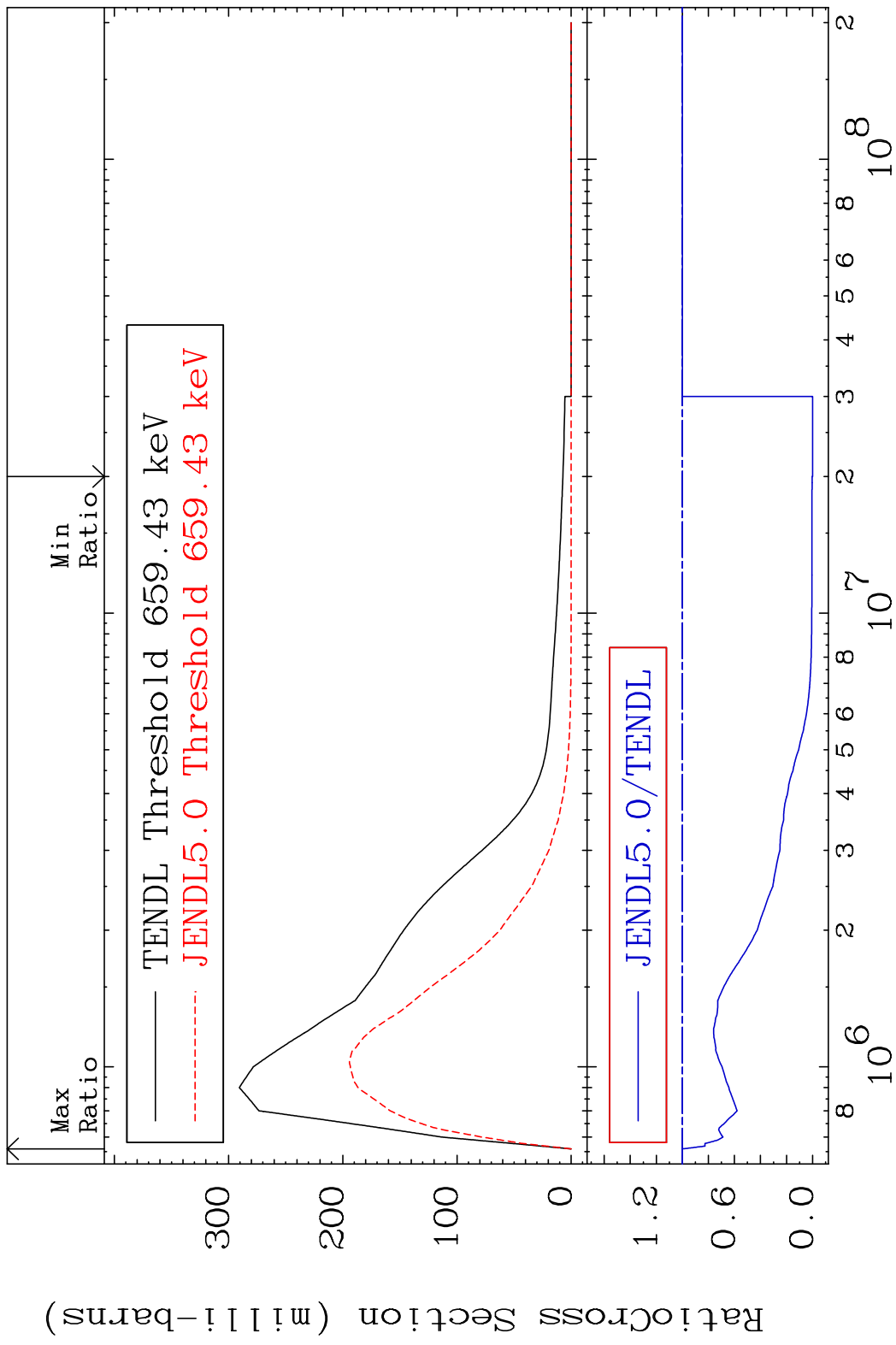
MAT 4325 MT= 57 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 15.21 %



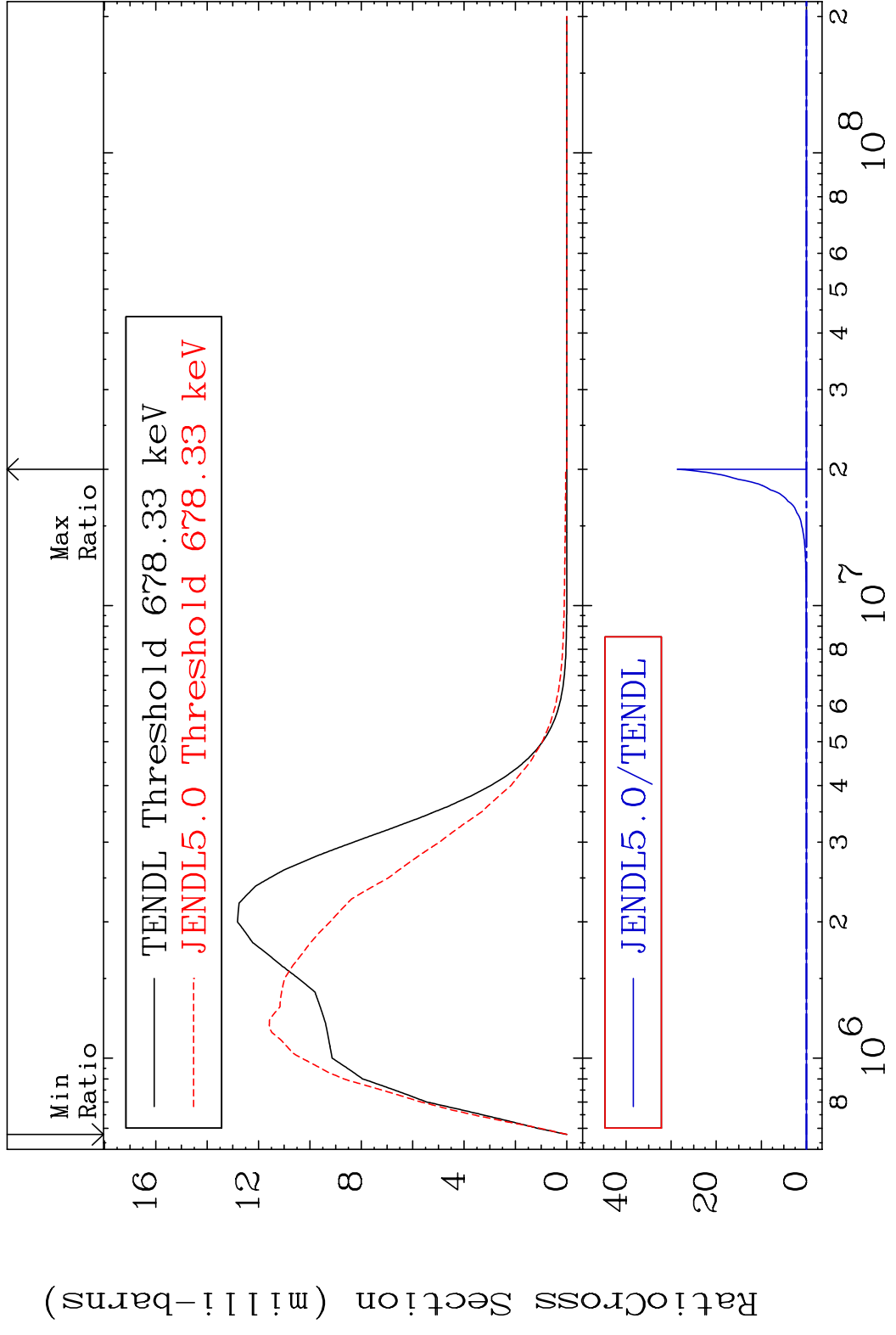
MAT 4325 MT= 58 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 3.080 %



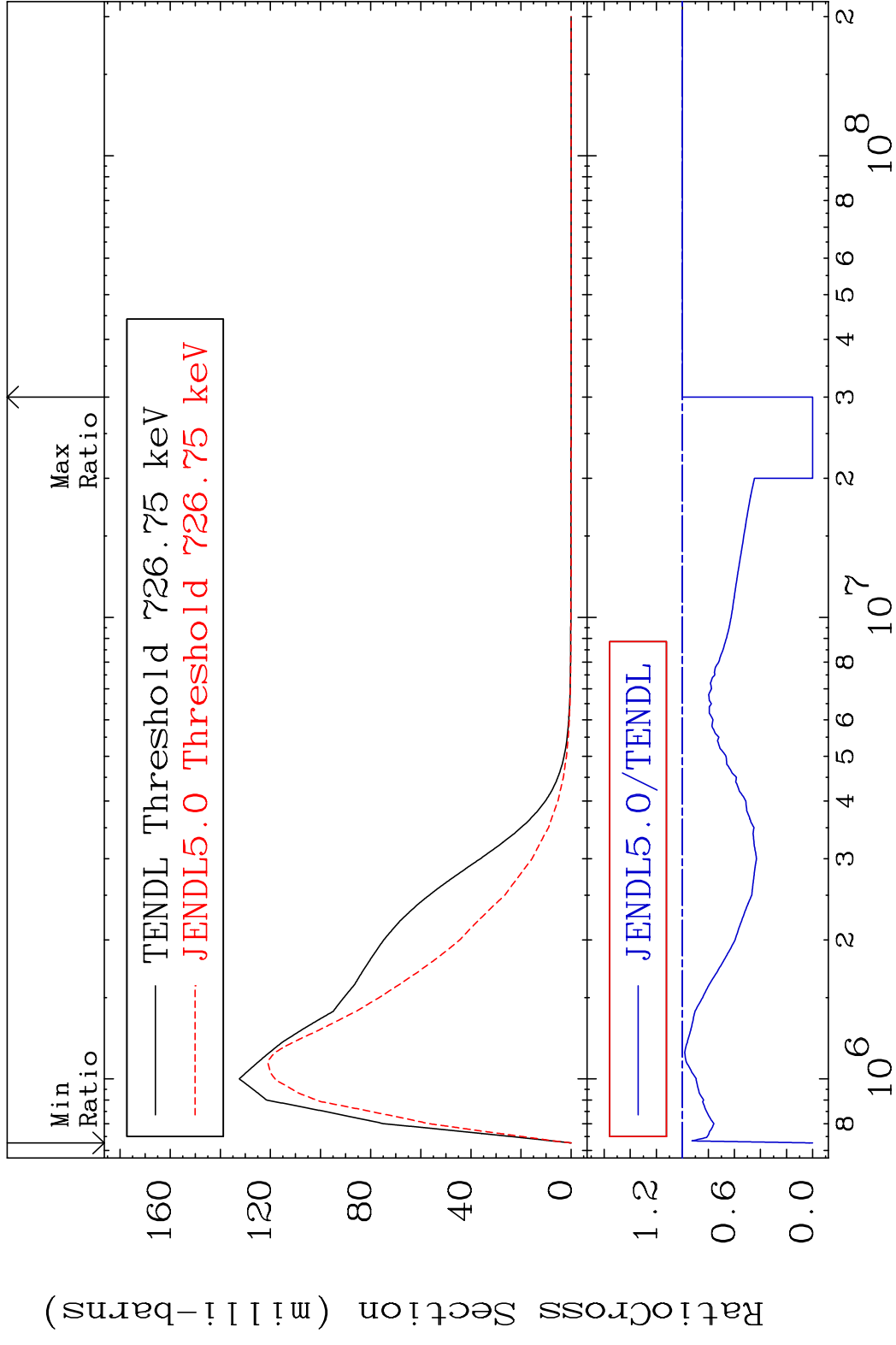
MAT 4325 MT= 59 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 0.000 %



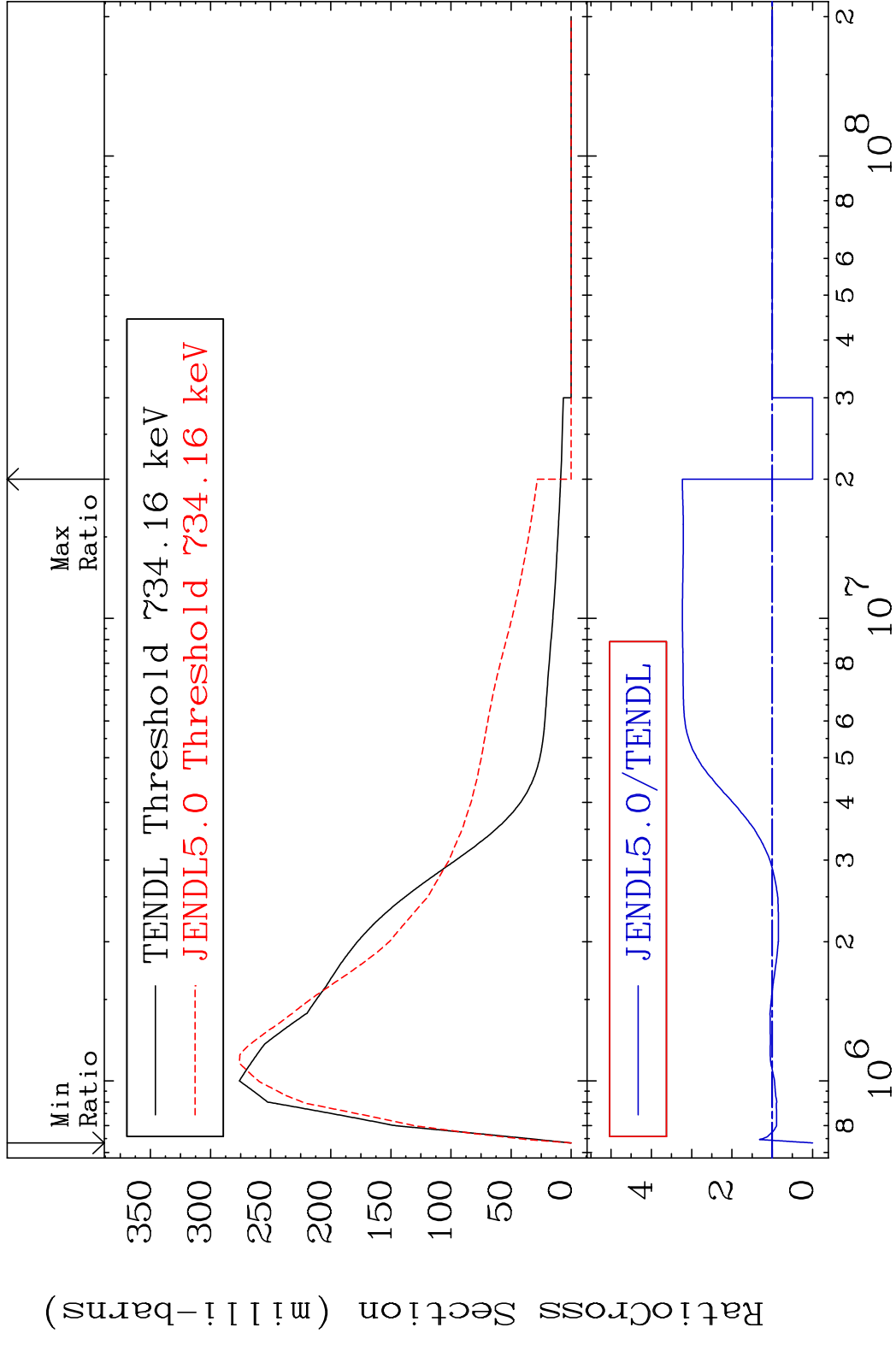
MAT 4325 MT= 60 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



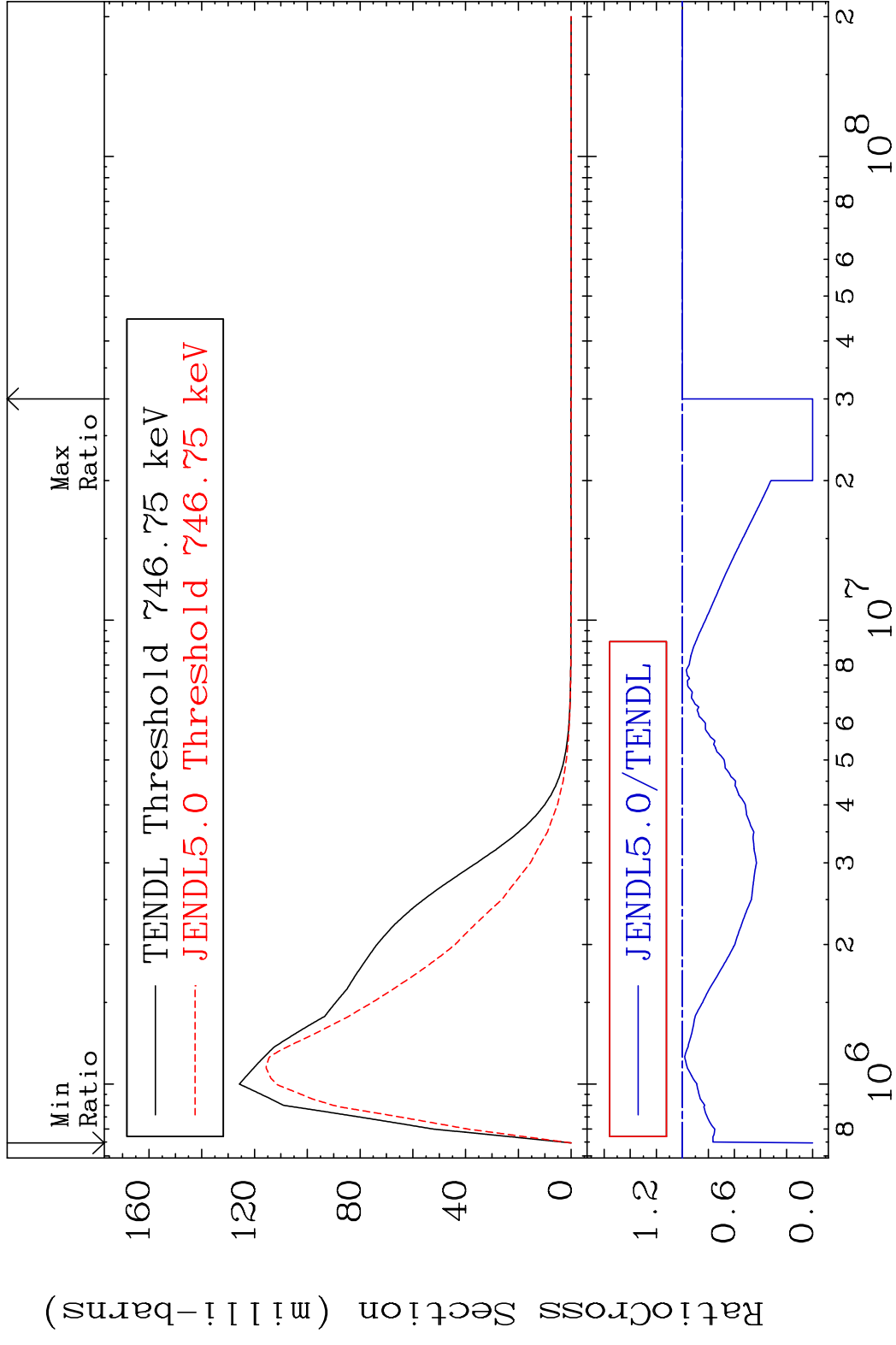
MAT 4325 MT= 61 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 0.000 %



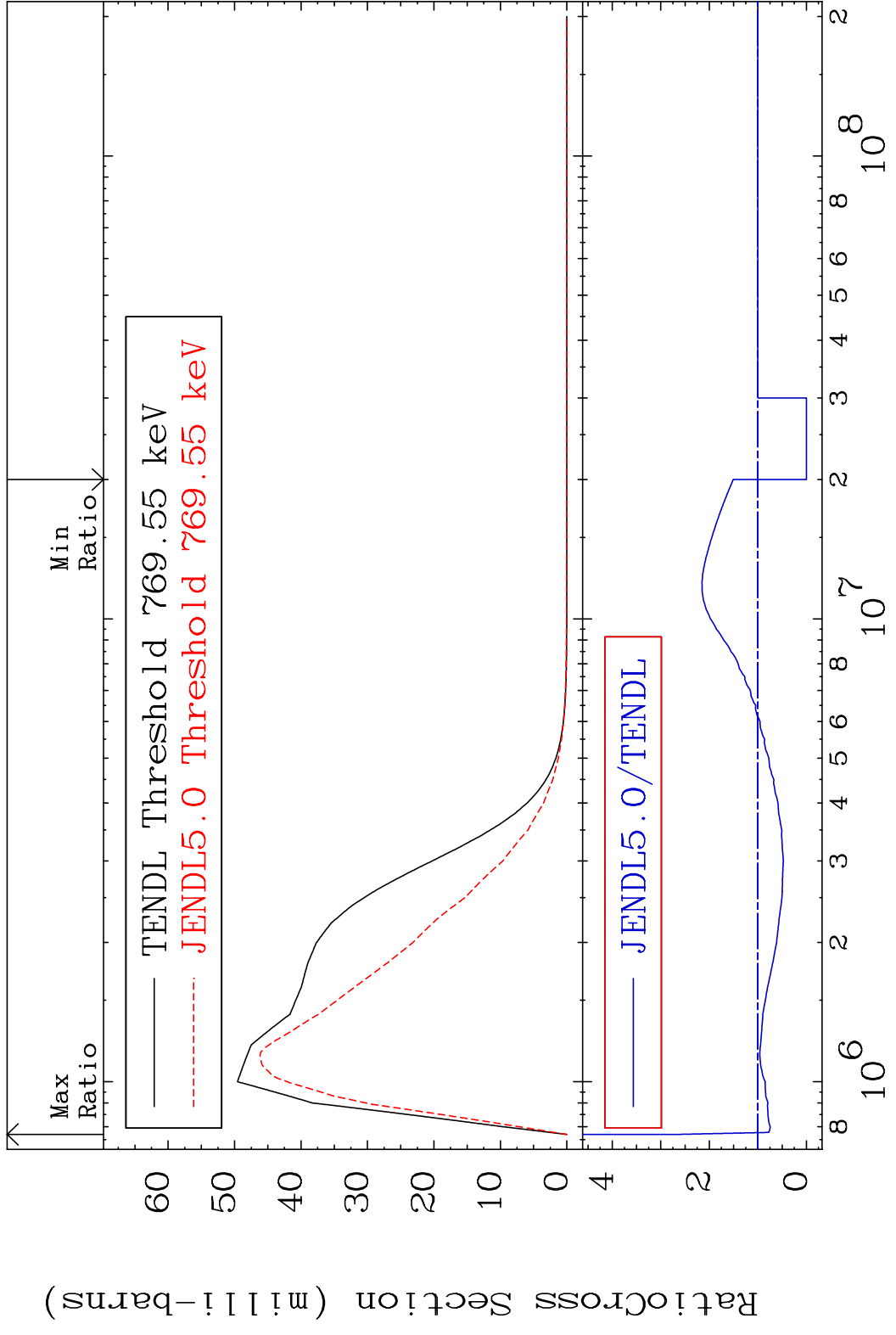
MAT 4325 MT= 62 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 223.0 %



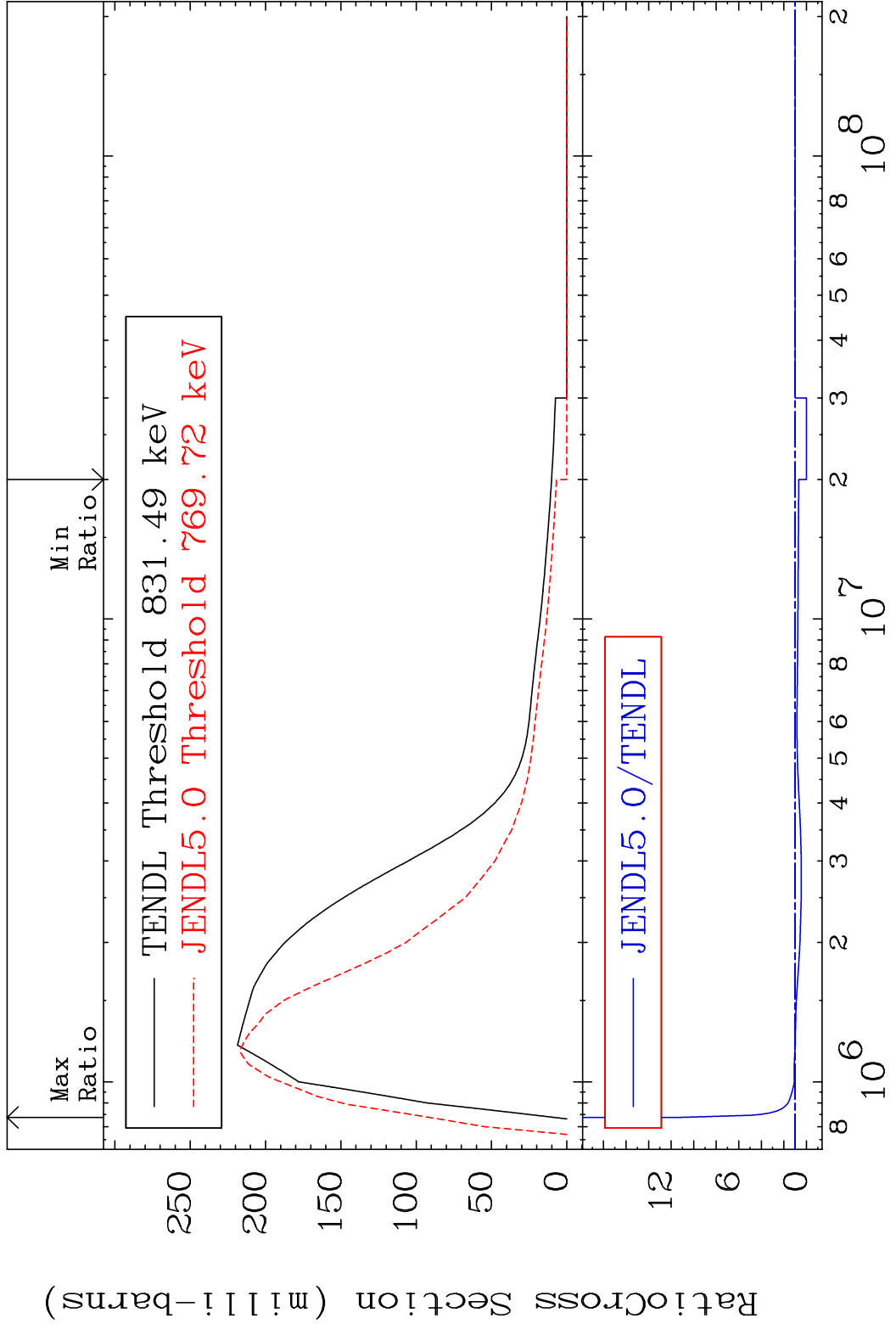
MAT 4325 MT= 63 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 0.000 %



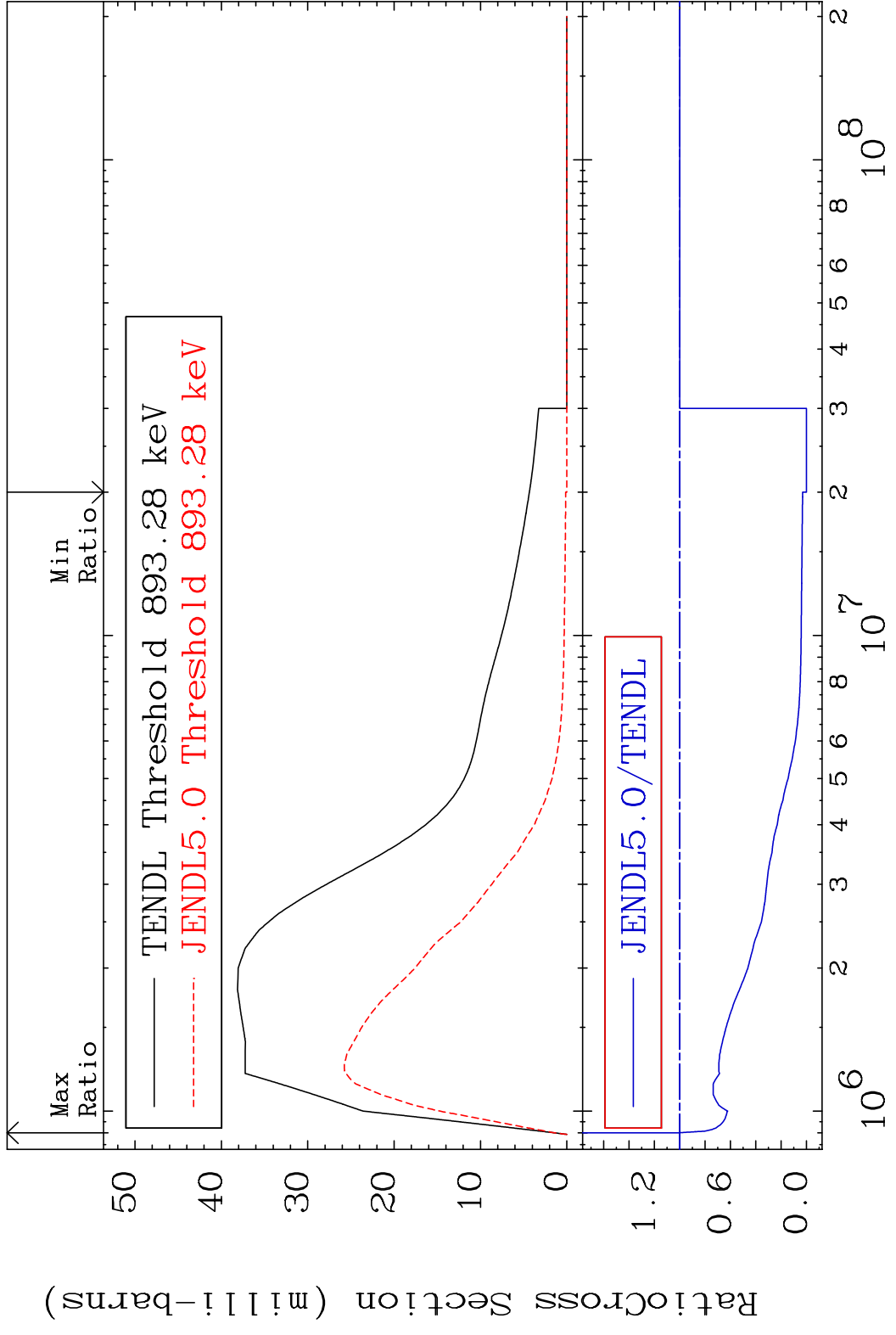
MAT 4325 MT= 64 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 166.2 %



MAT 4325 MT= 65 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 1046. %

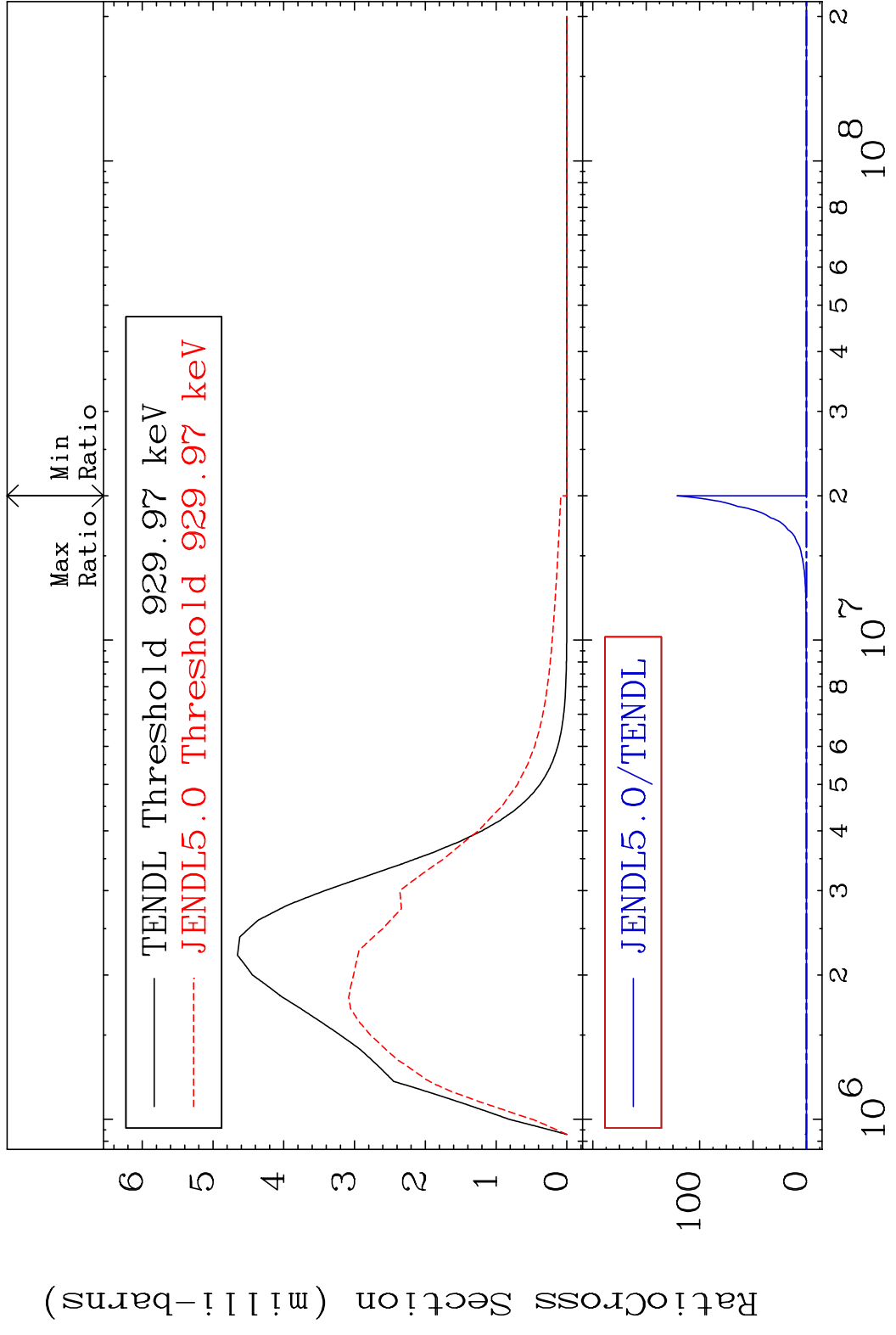


MAT 4325 MT= 66 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 2.006 %



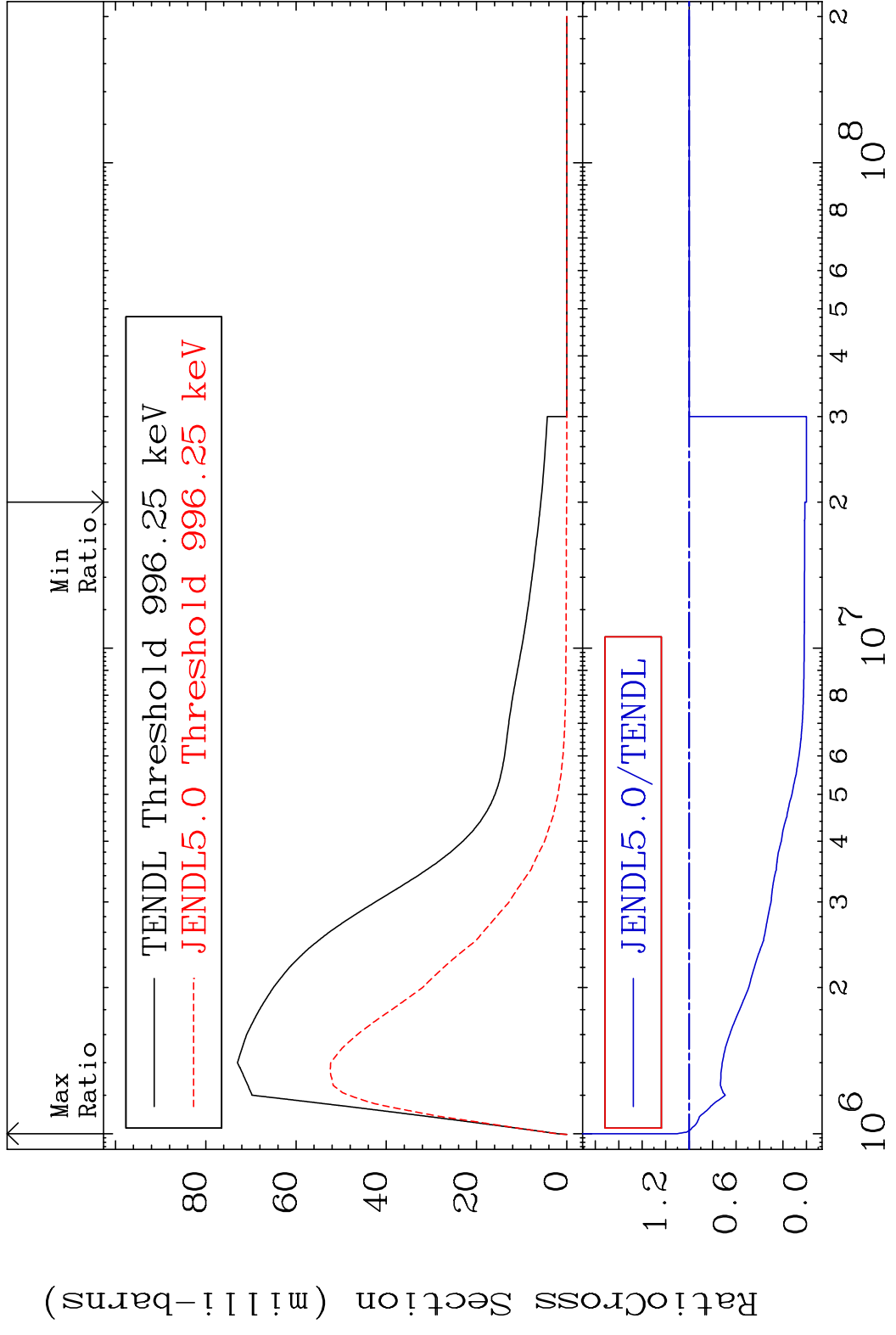
28 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 67 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



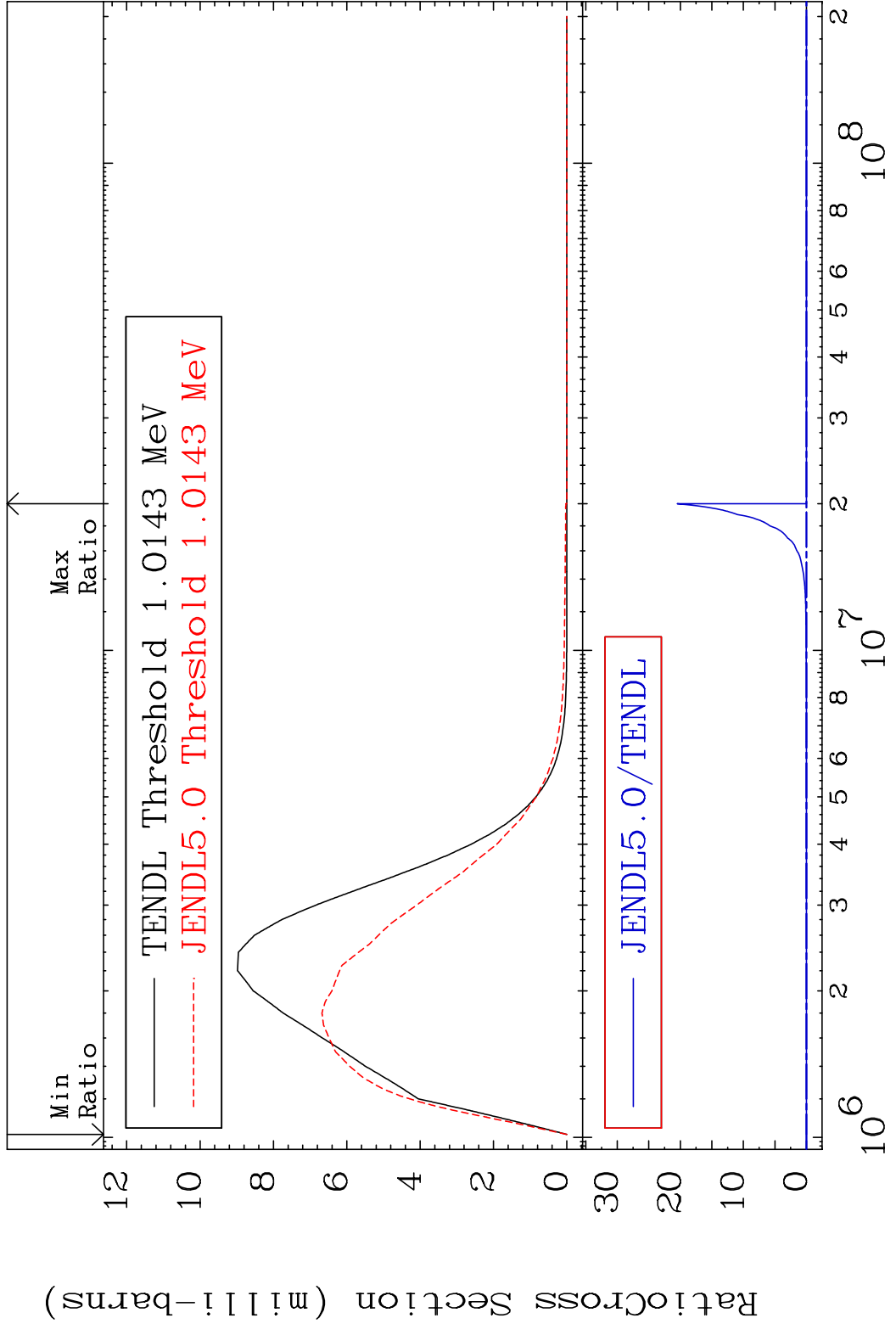
29 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 68 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 10.19 %



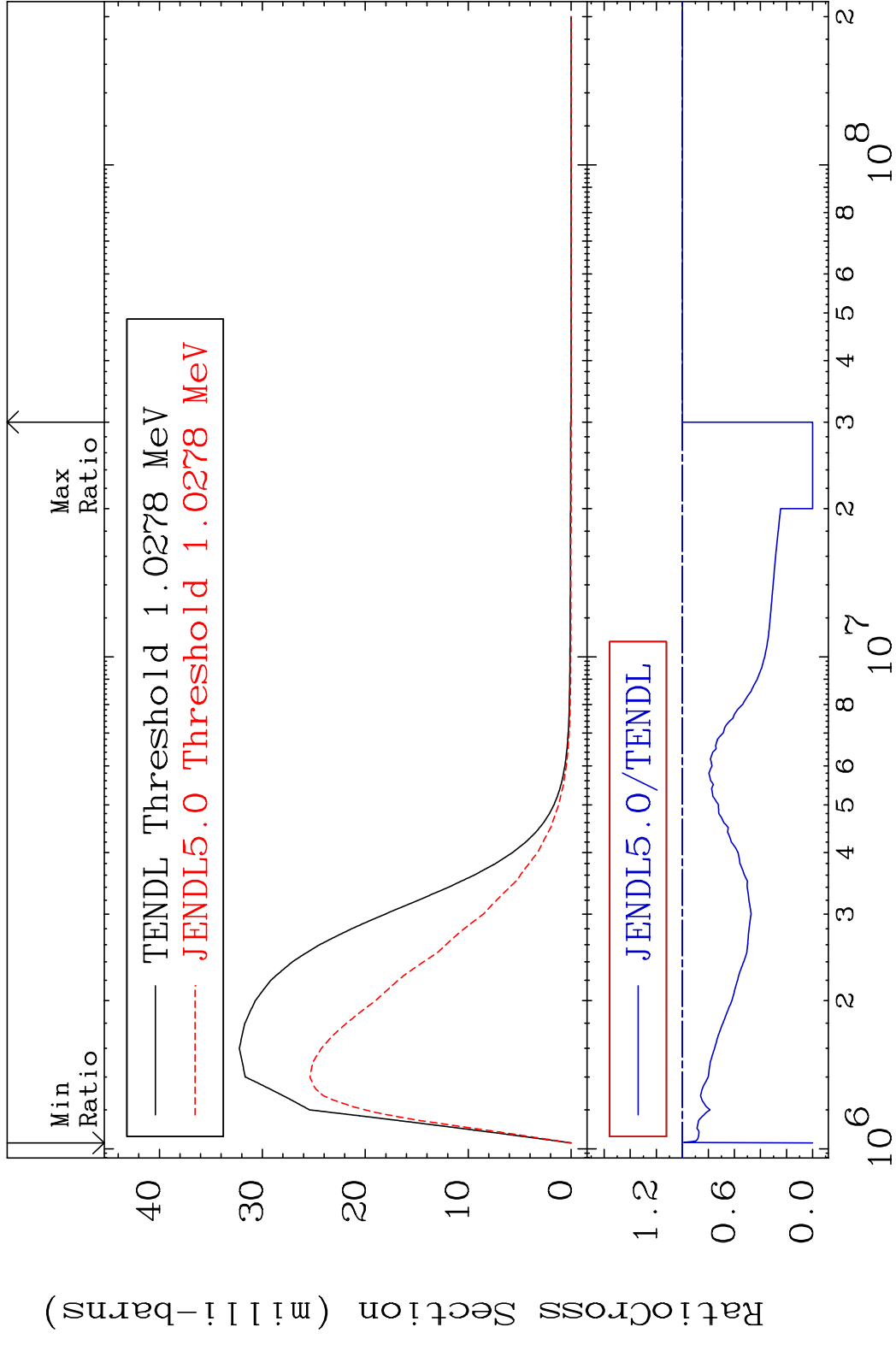
30 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 69 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %

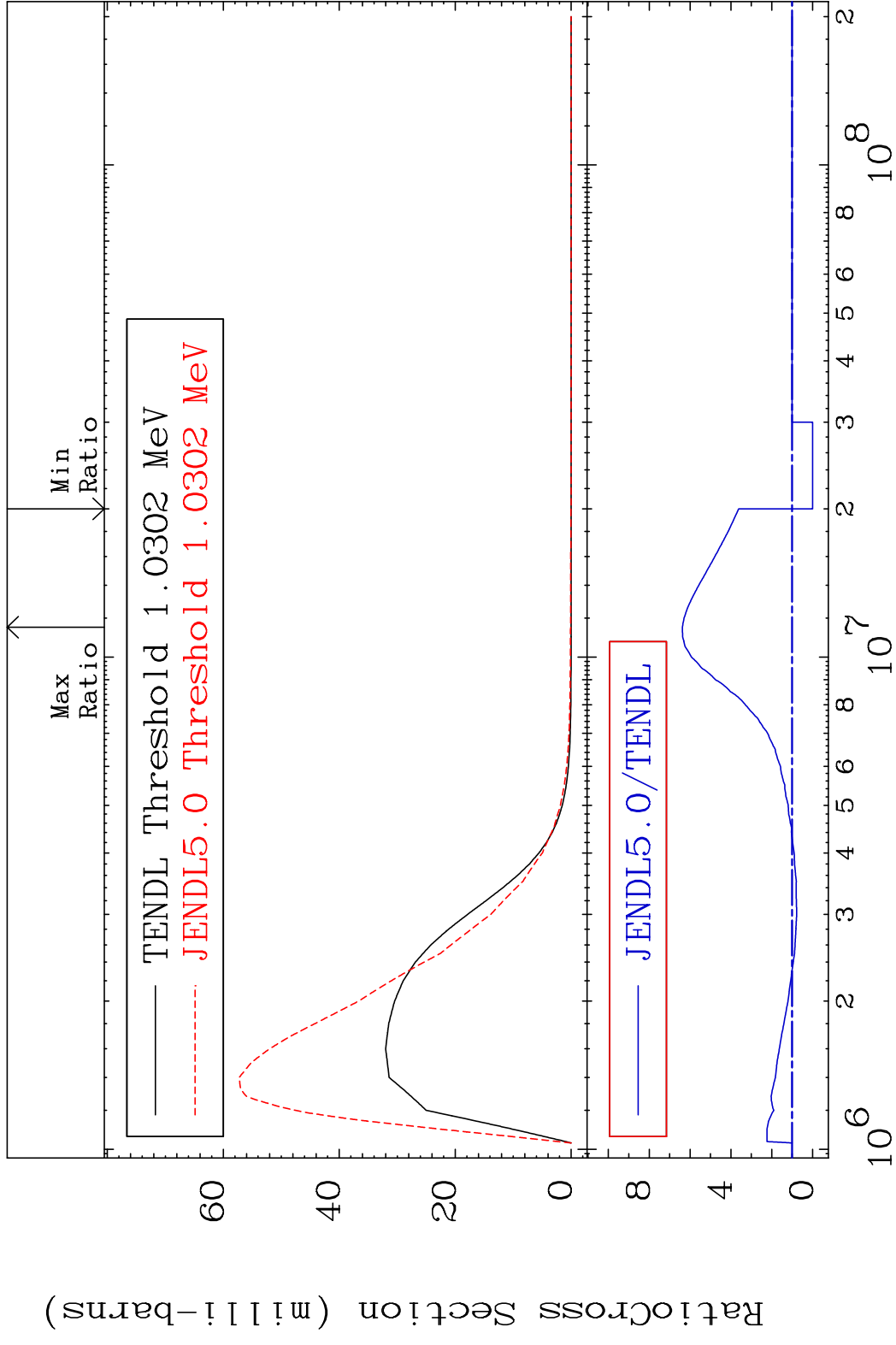


31 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 70 (n,n') Level 43-Tc-99  
 Cross Section -100.0 To 0.000 %

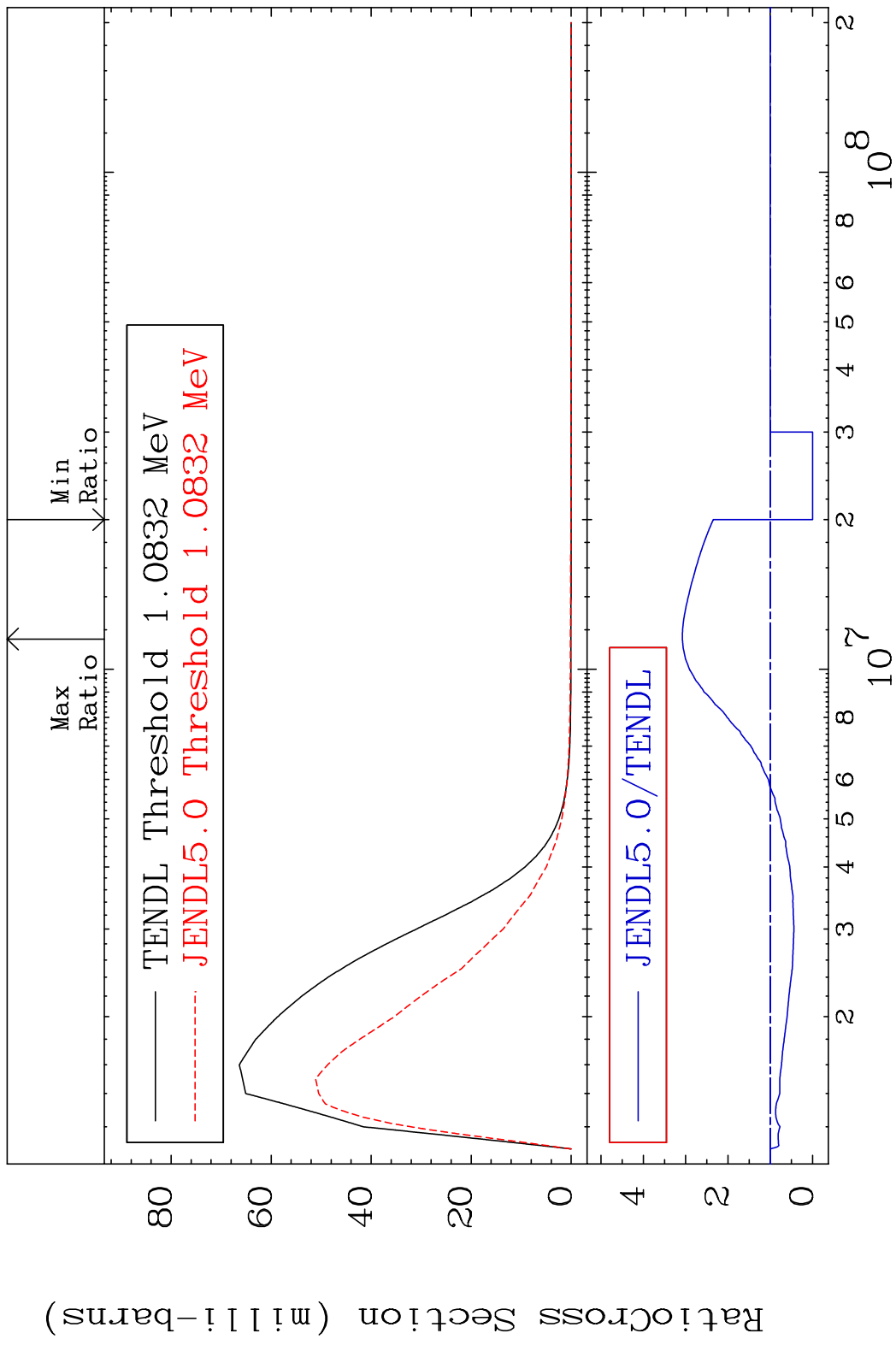


MAT 4325 MT= 71 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 537.7 %

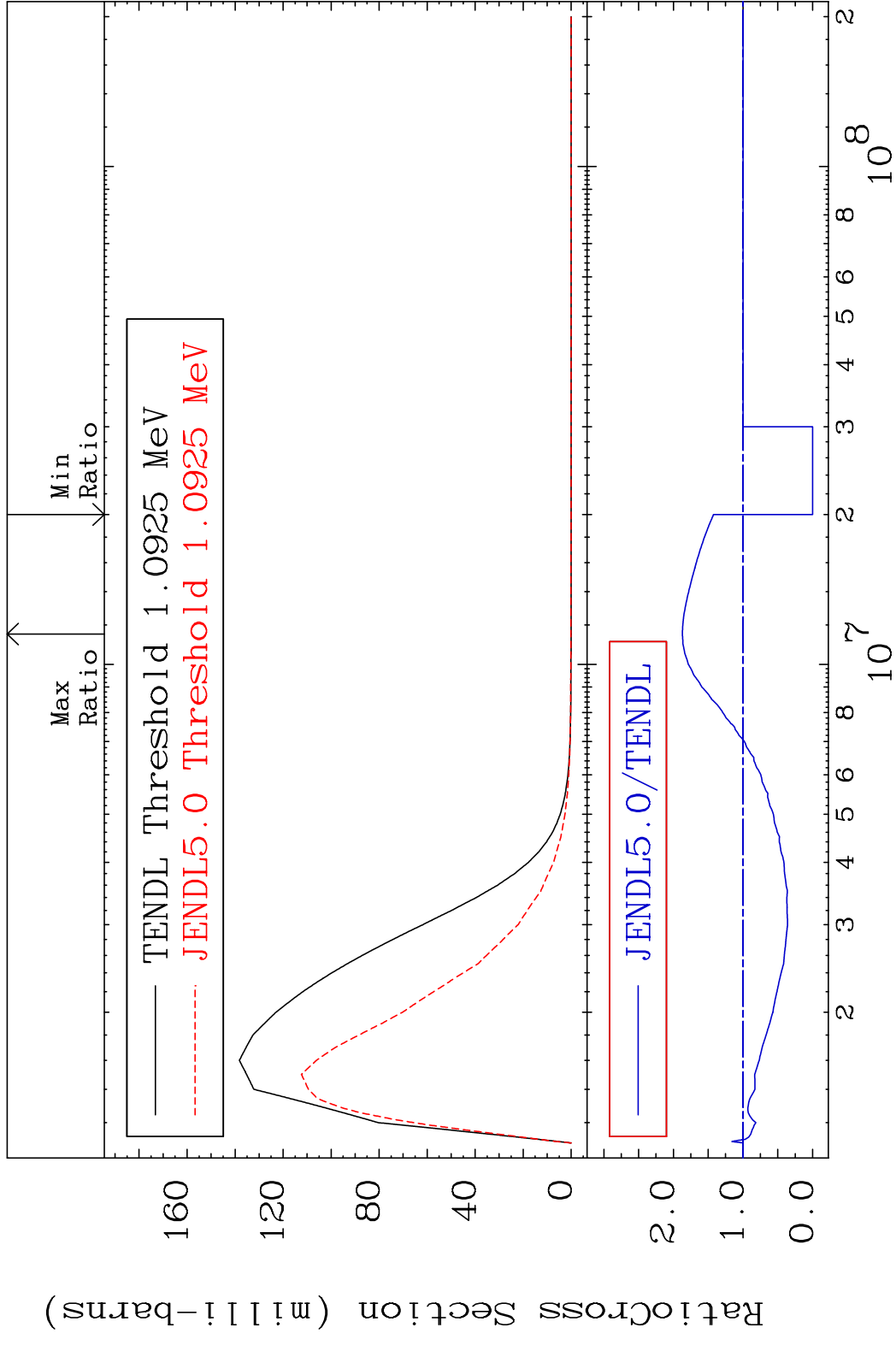


33 Incident Energy (eV) 43-Tc-99

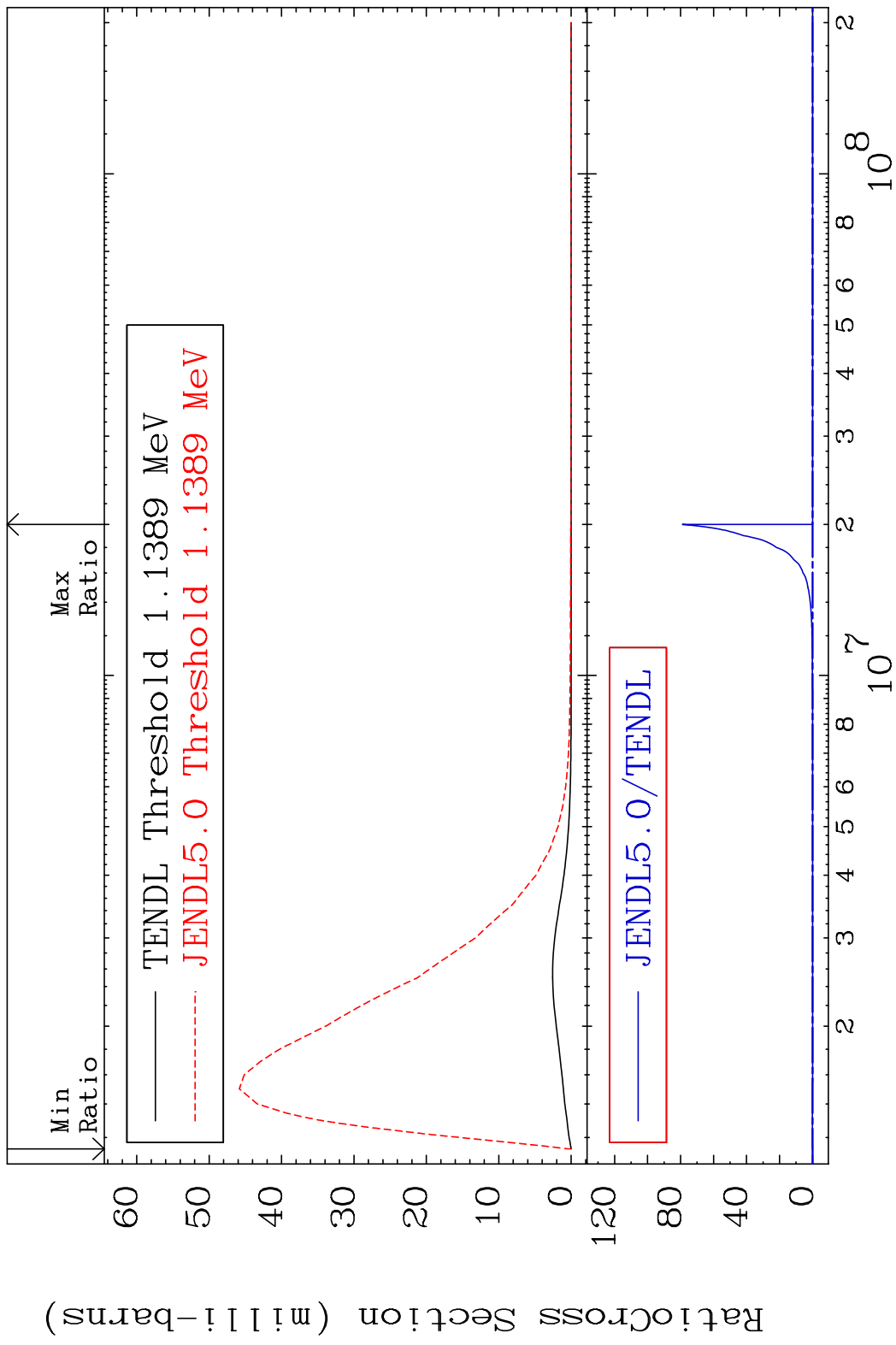
MAT 4325 MT= 72 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 207.9 %



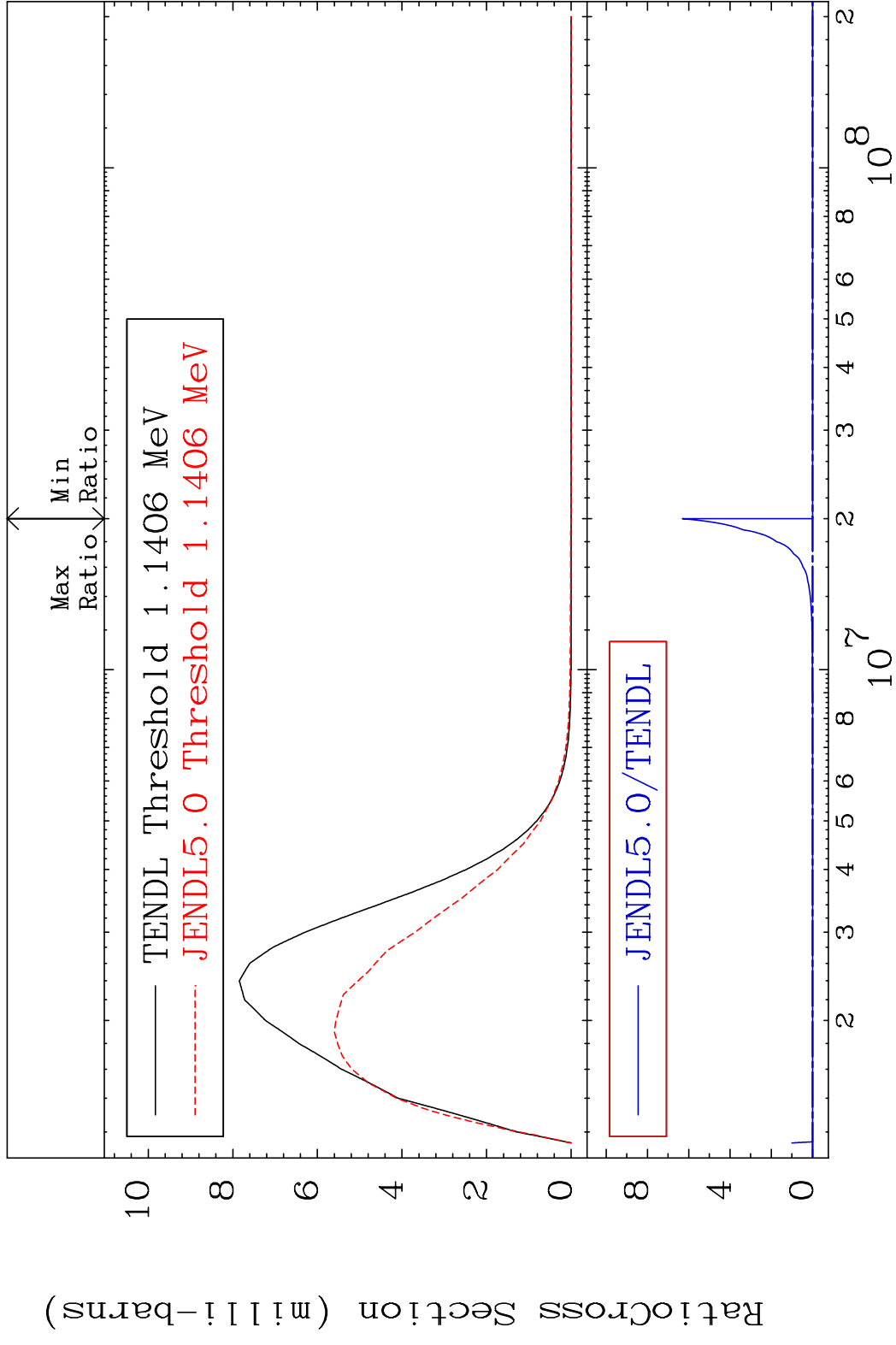
MAT 4325 MT= 73 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 87.15 %



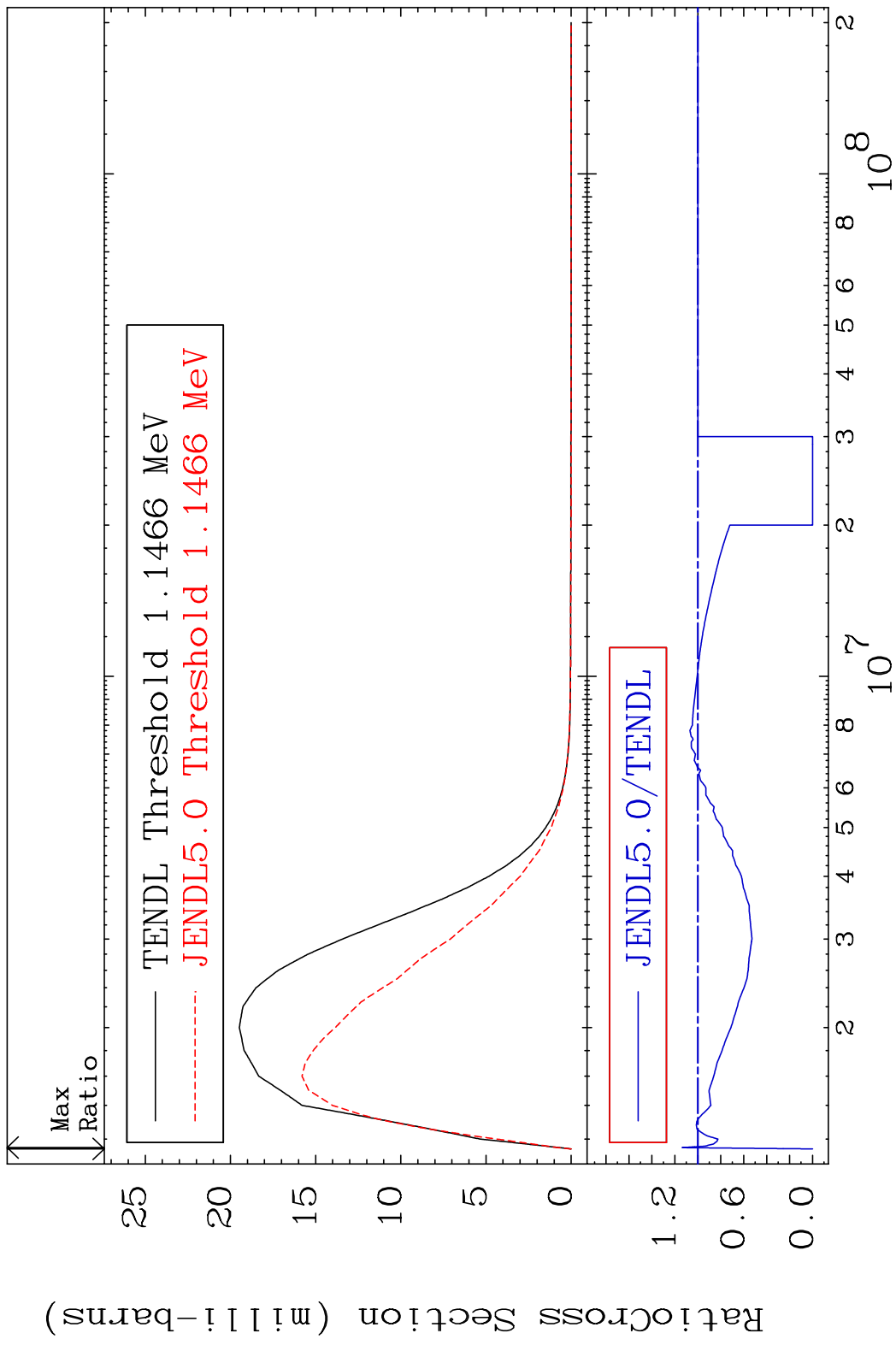
MAT 4325 MT= 74 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



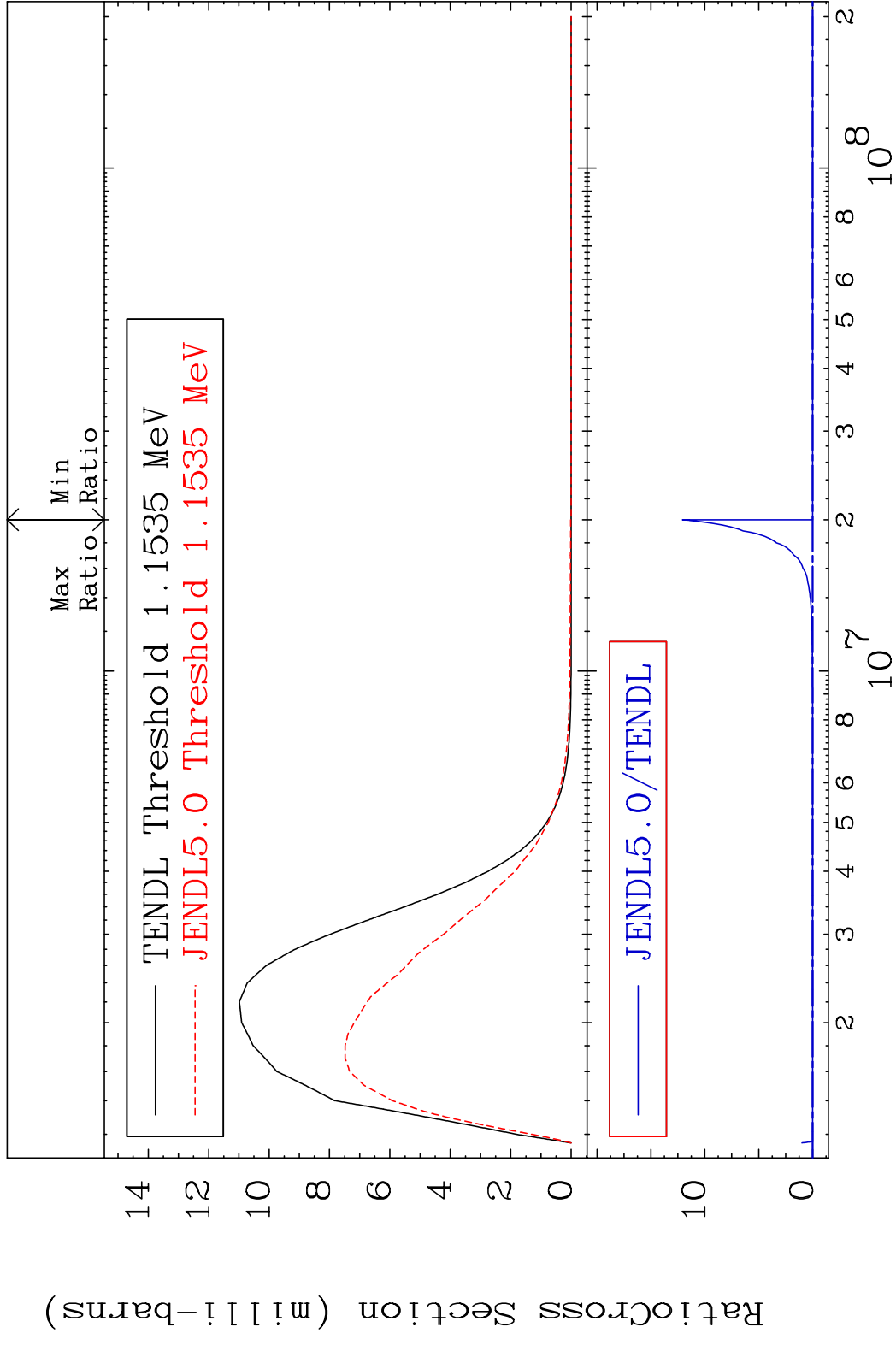
MAT 4325 MT= 75 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



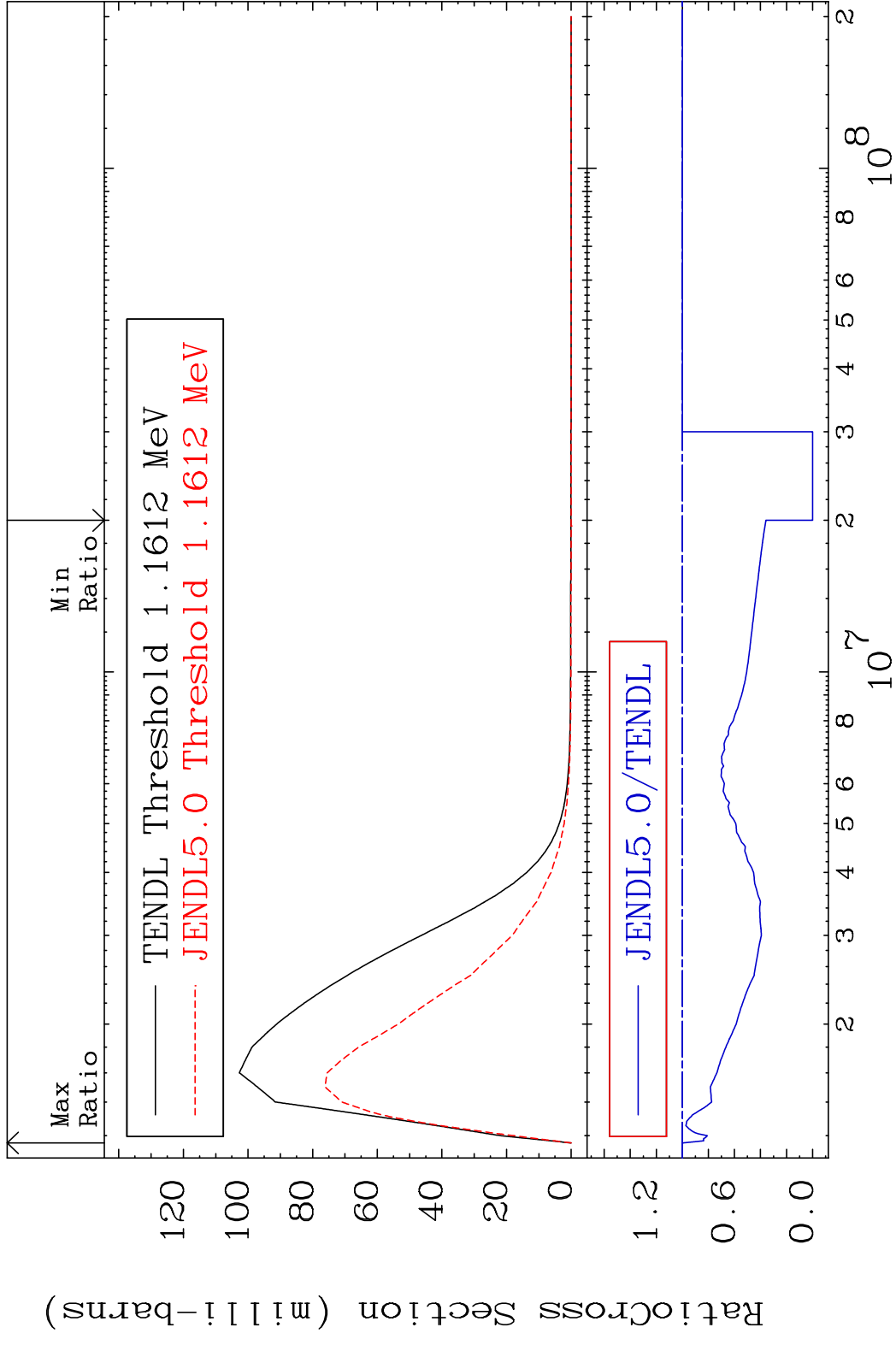
MAT 4325 MT= 76 (n,n') Level 43-Tc-99  
 Cross Section -100.0 To 13.48 %



MAT 4325 MT= 77 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %

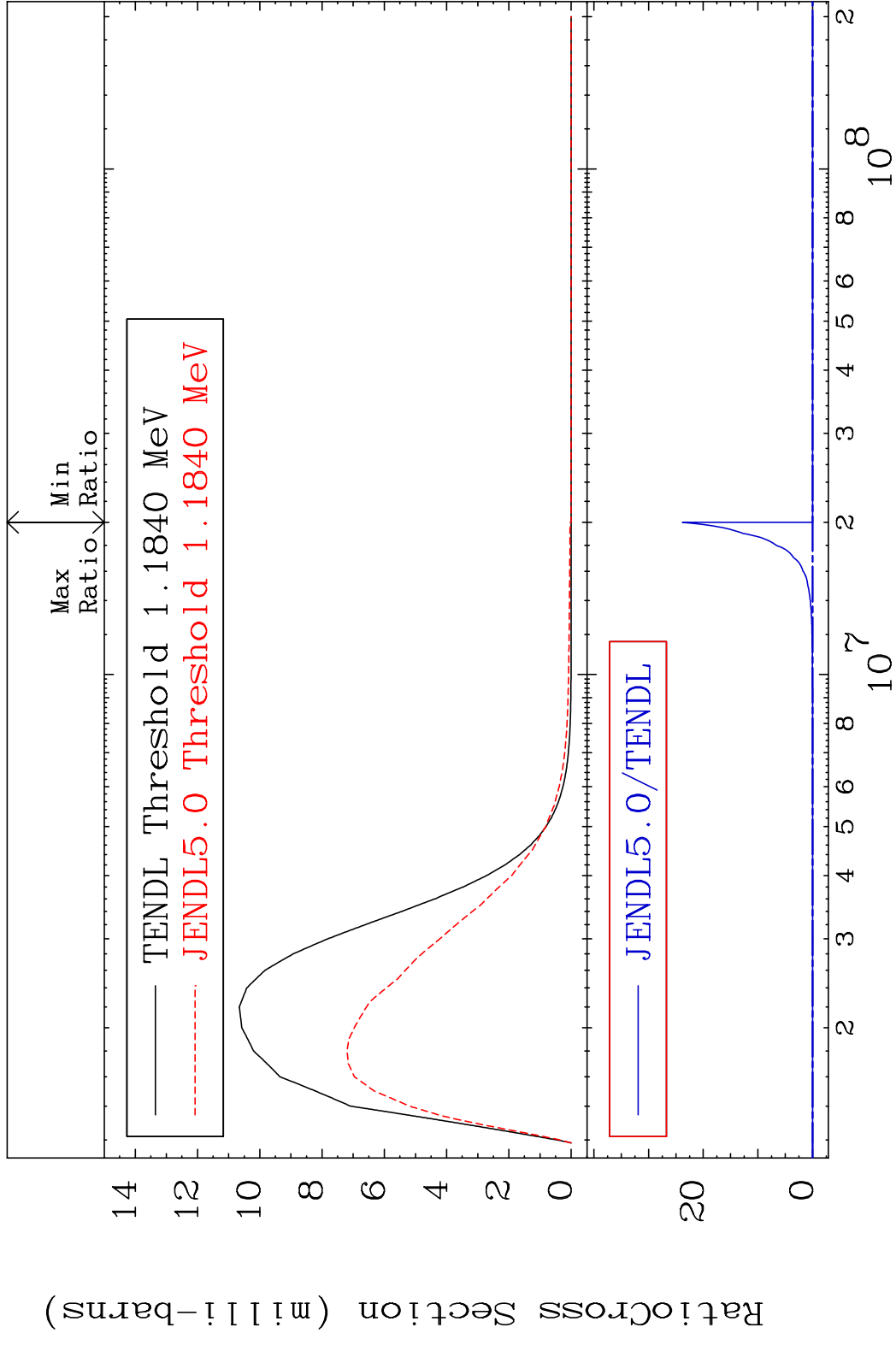


MAT 4325 MT= 78 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 0.000 %

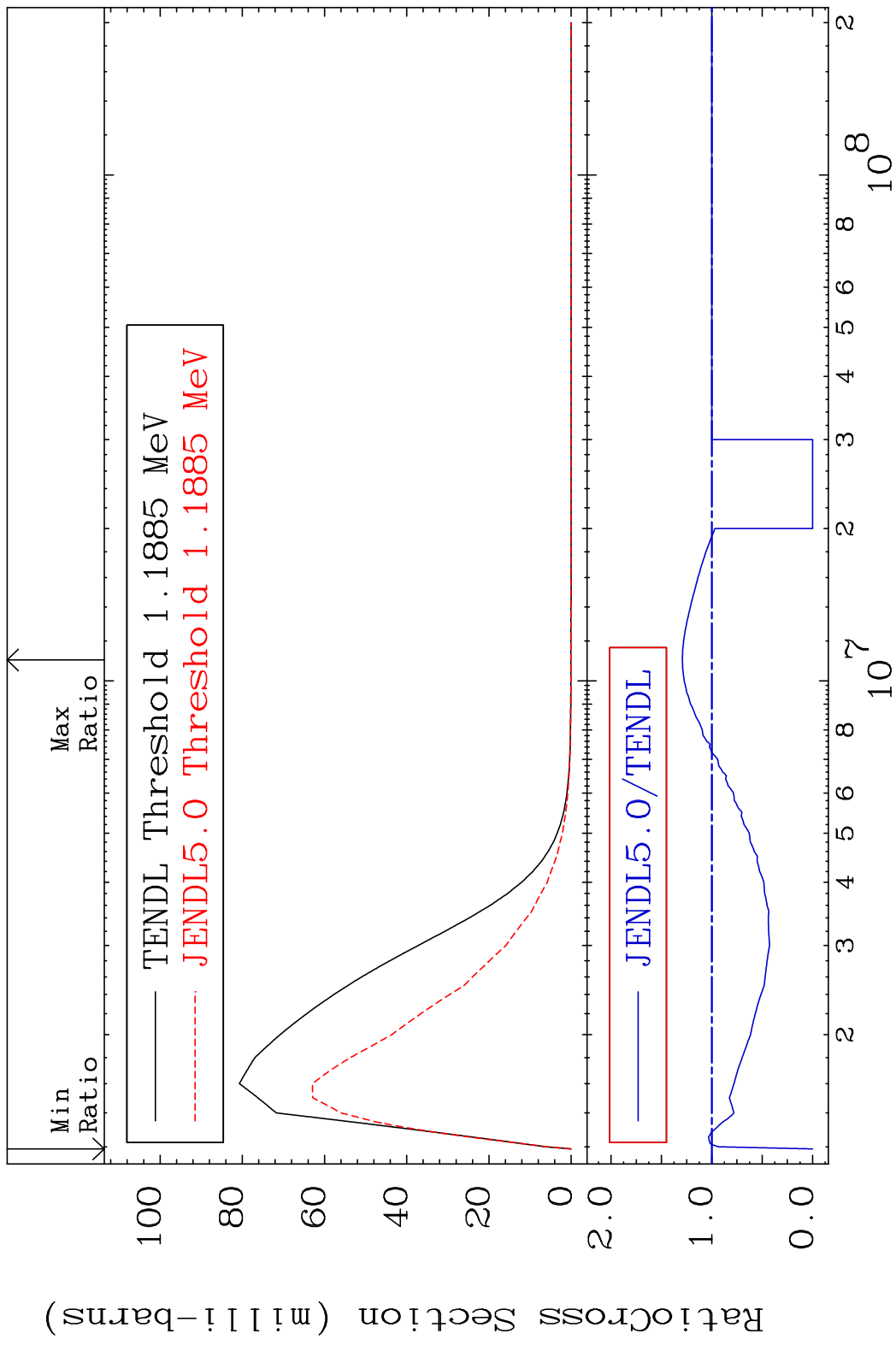


40 43-Tc-99

MAT 4325 MT= 79 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 9999. %



MAT 4325 MT= 80 (n, n') Level 43-Tc-99  
 Cross Section -100.0 To 29.24 %

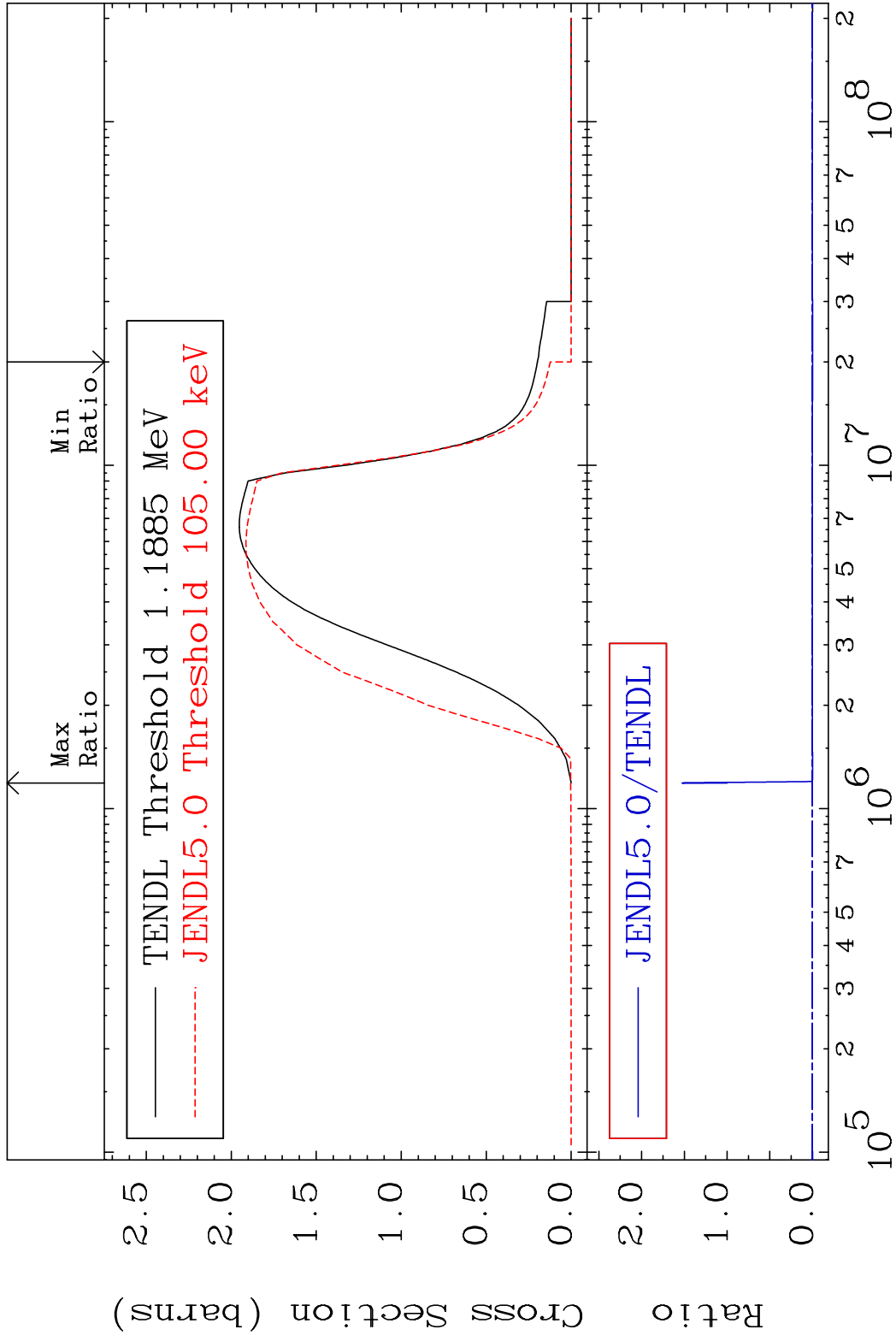


MAT 4325

(n, n') Continuum

43-Tc-99

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

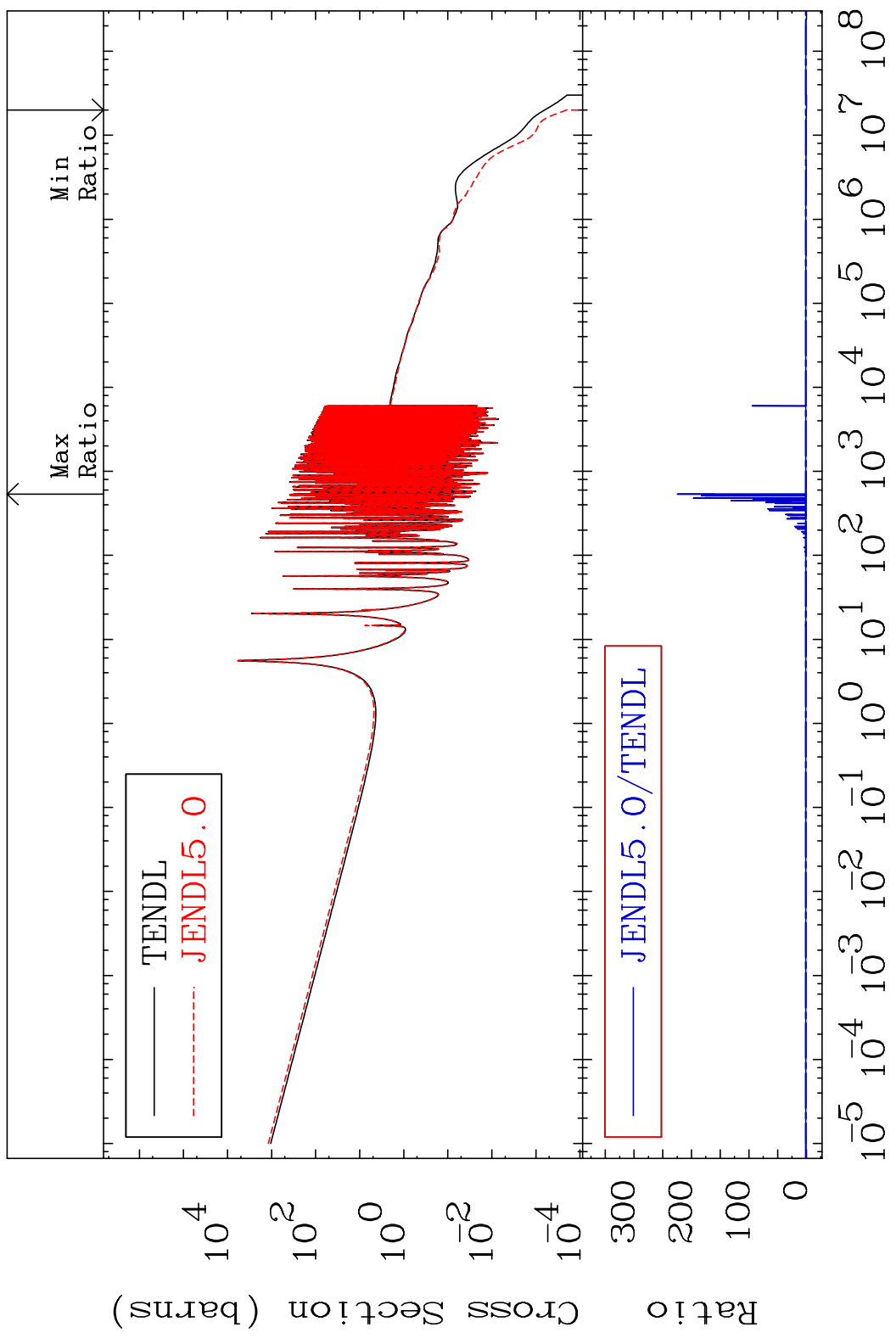
43-Tc-99

MAT 4325

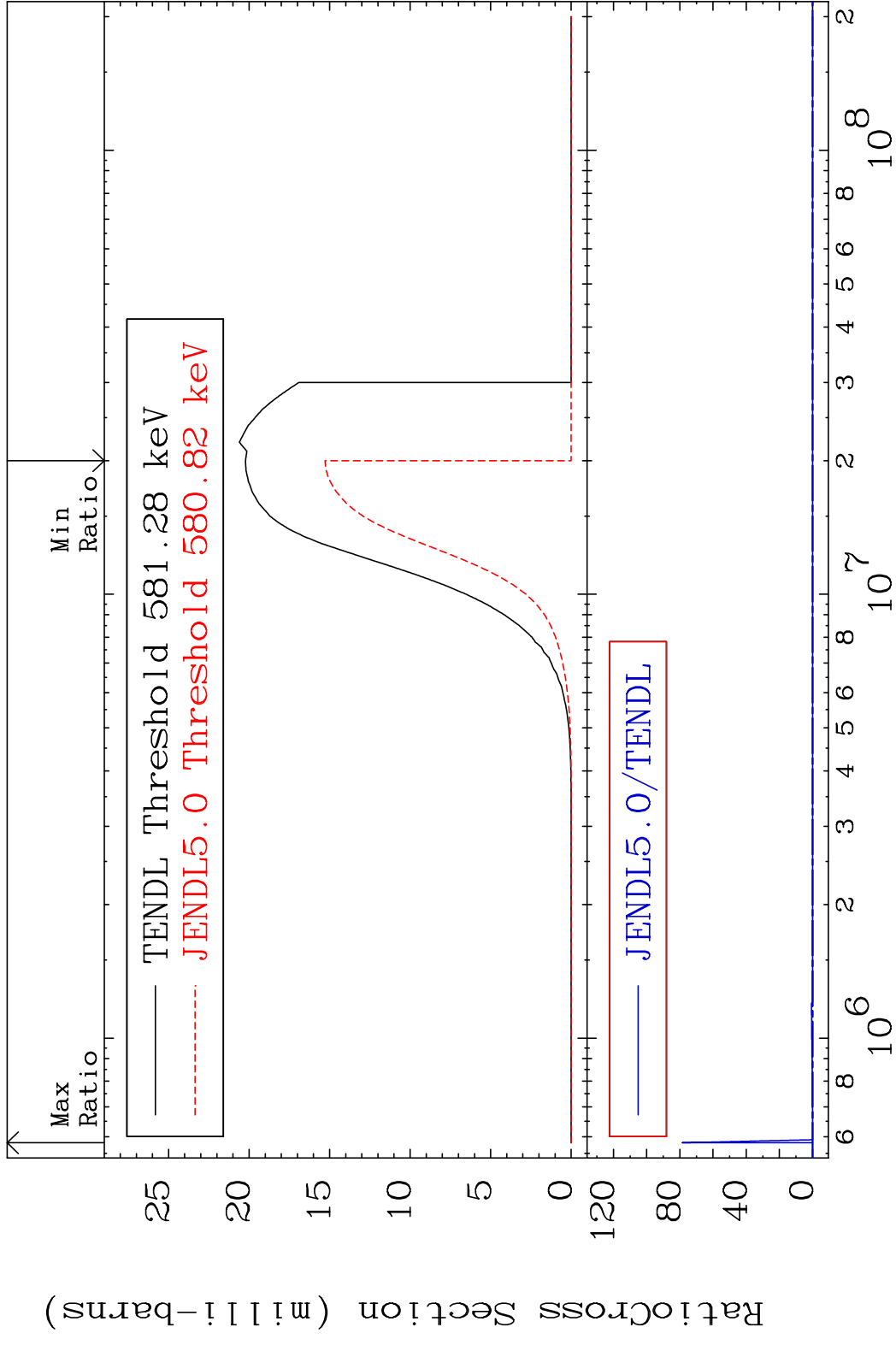
(n,  $\gamma$ )

43-Tc-99

Cross Section -100.0 To 9999. %

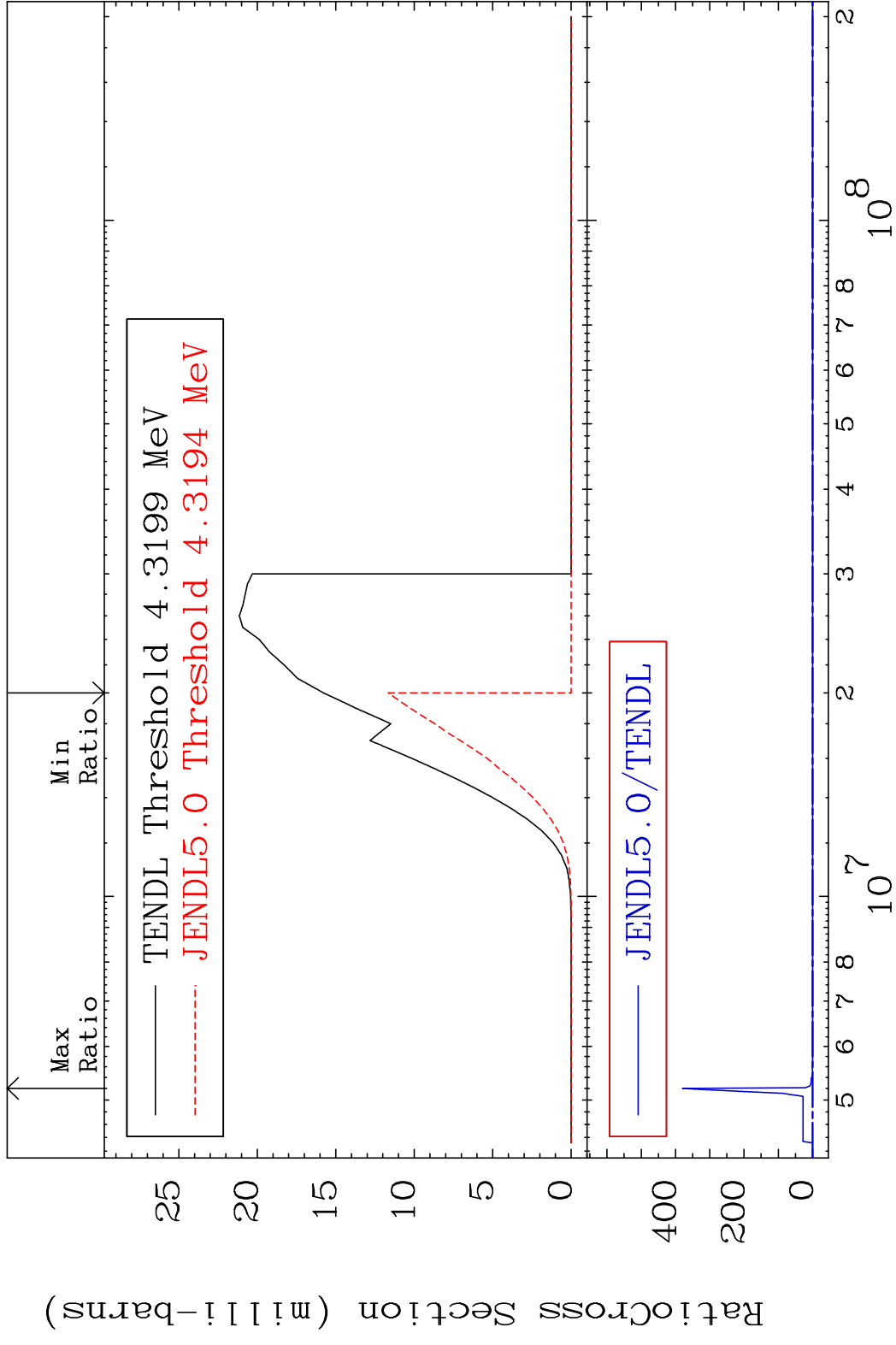


MAT 4325 (n,p) 43-Tc-99  
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 43-Tc-99

MAT 4325 (n,d) 43-Tc-99  
 Cross Section -100.0 To 9999. %

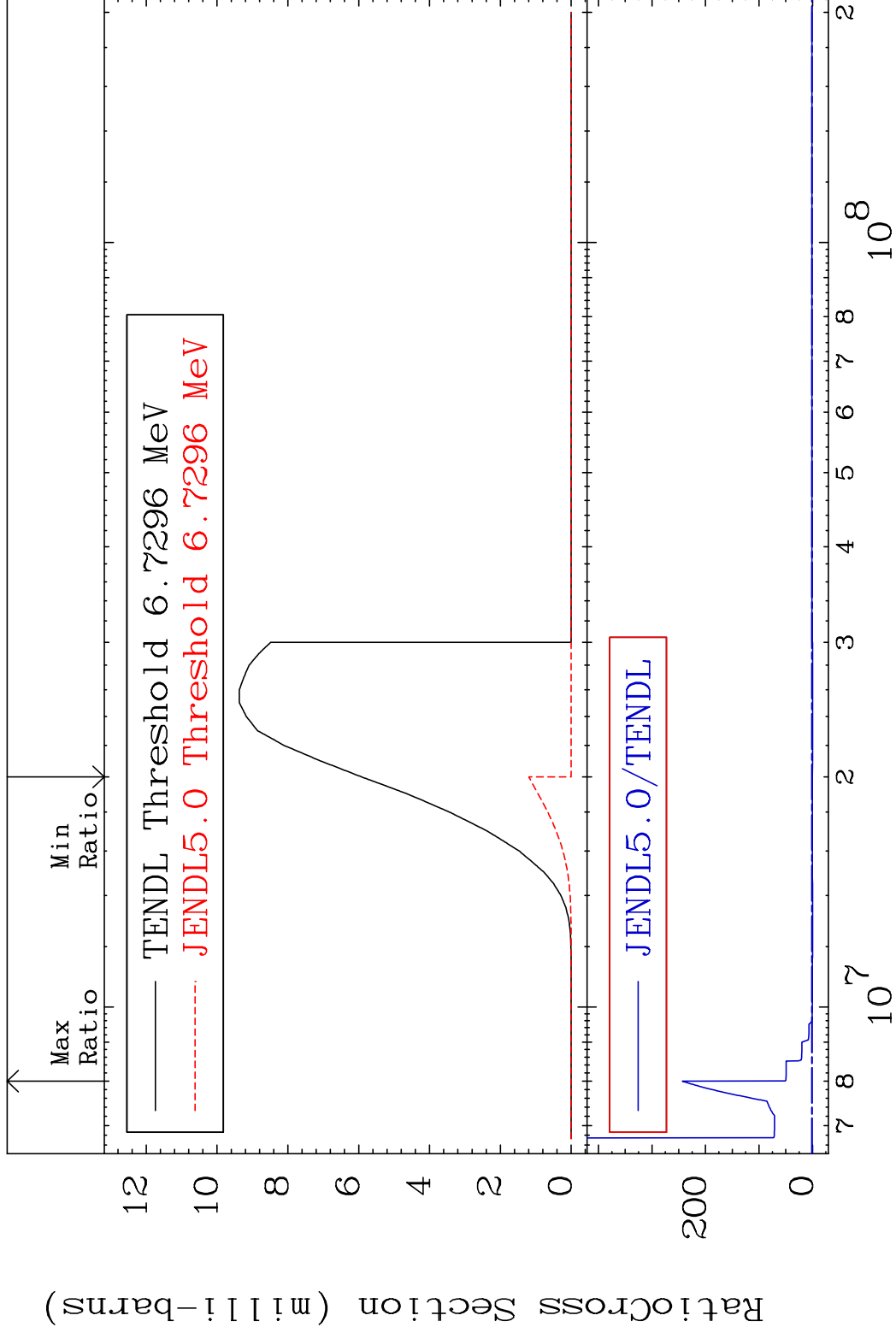


MAT 4325

(n, t)

43-Tc-99

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

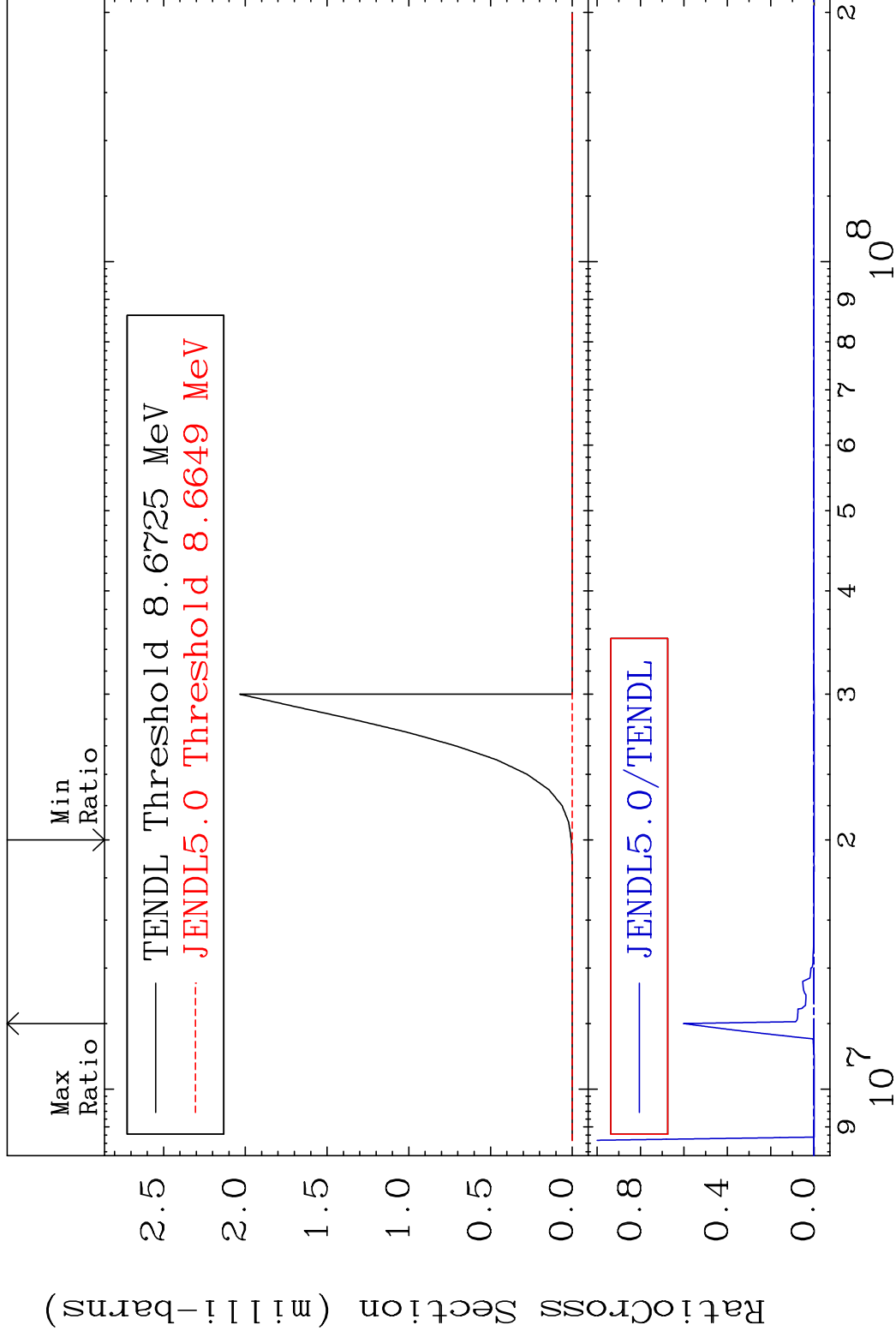
43-Tc-99

MAT 4325

(n, He-3)

43-Tc-99

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

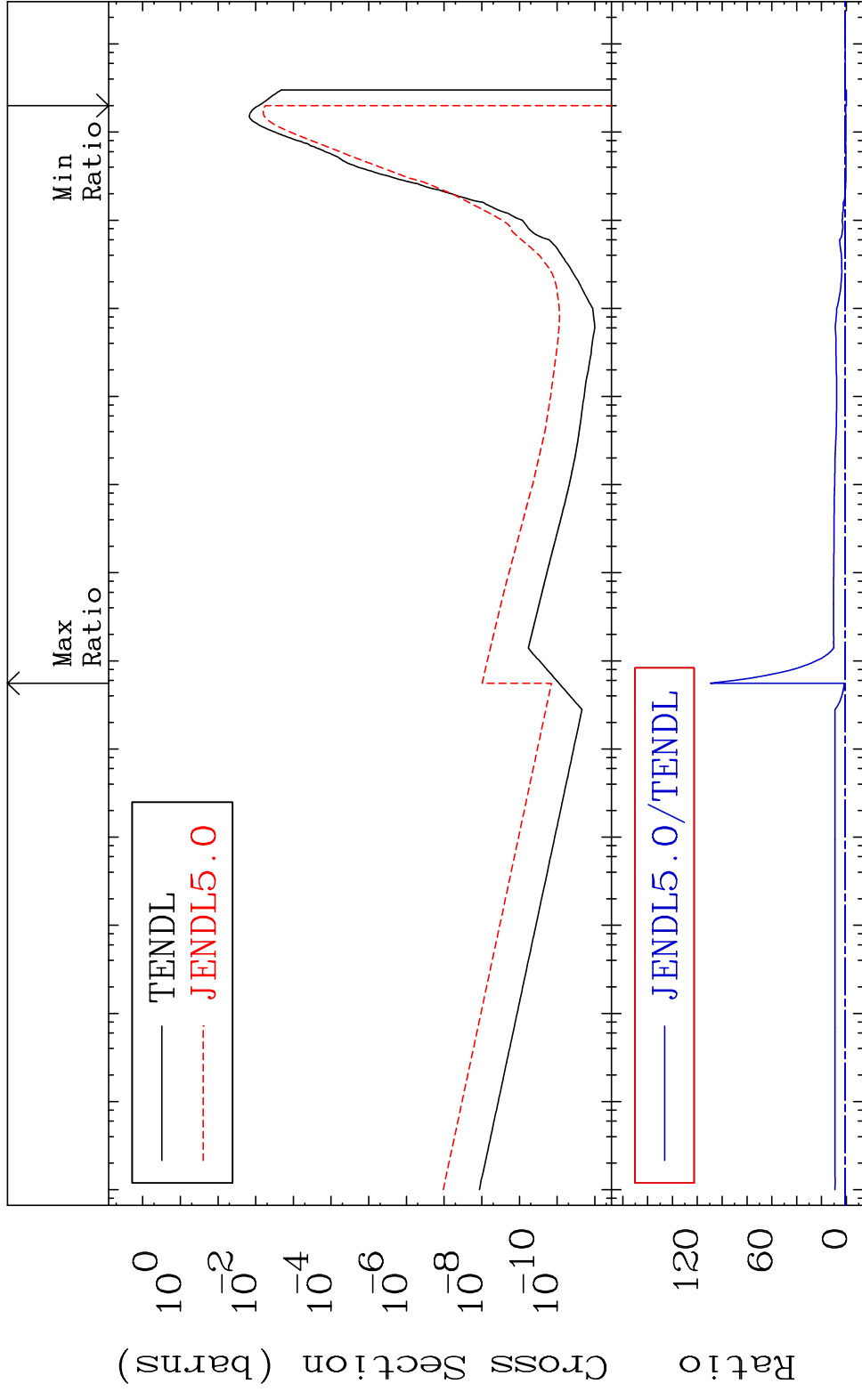
43-Tc-99

MAT 4325

(n,  $\alpha$ )

43-Tc-99

Cross Section -100.0 To 9999. %

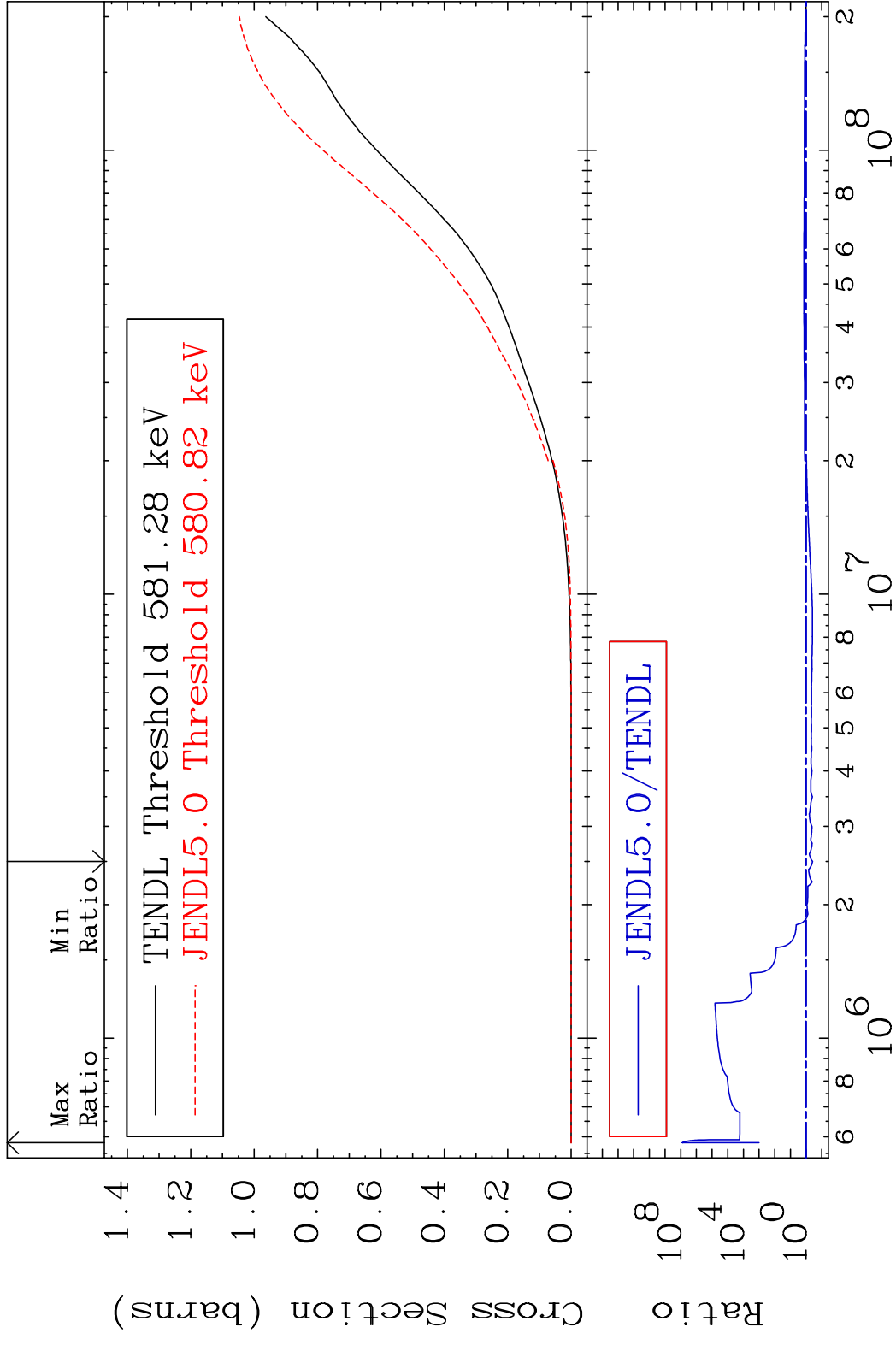


49

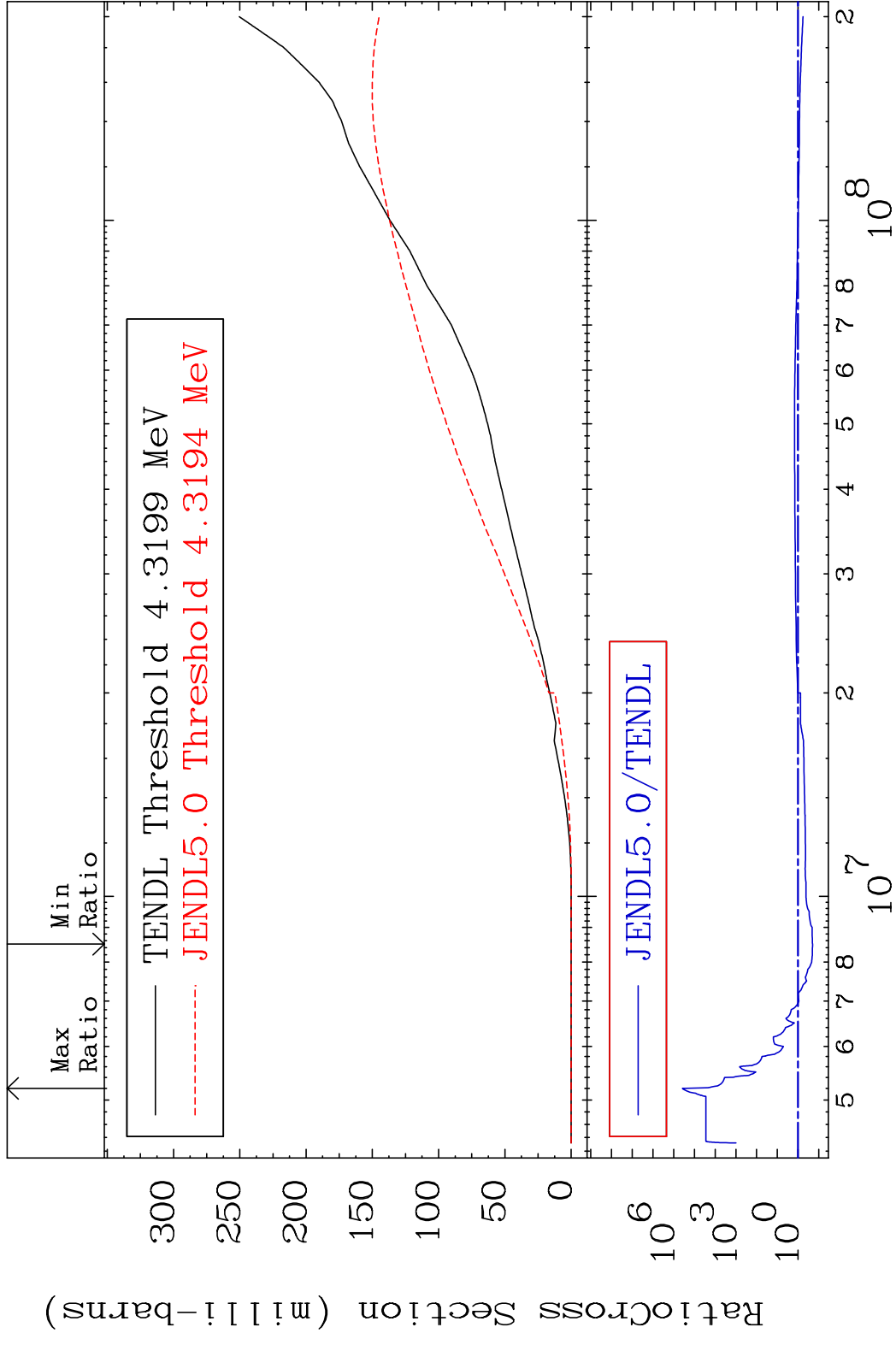
Incident Energy (eV)

43-Tc-99

MAT 4325 Hydrogen Production 43-Tc-99  
 Cross Section -61.28 To 9999. %

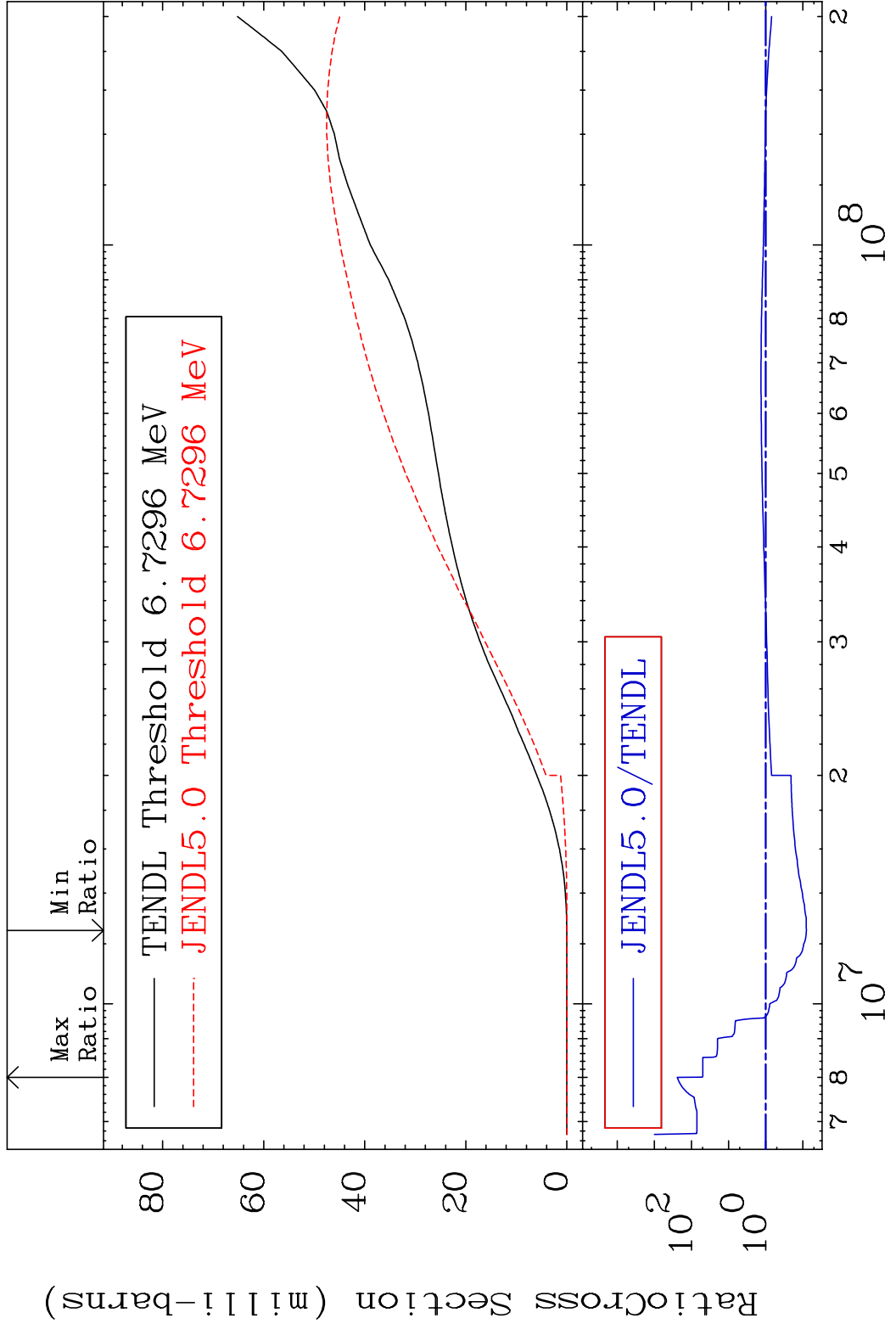


MAT 4325 Deuterium Production 43-Tc-99  
 Cross Section -79.90 To 9999. %



MAT 4325

Tritium Production 43-Tc-99  
Cross Section -91.99 To 9999. %

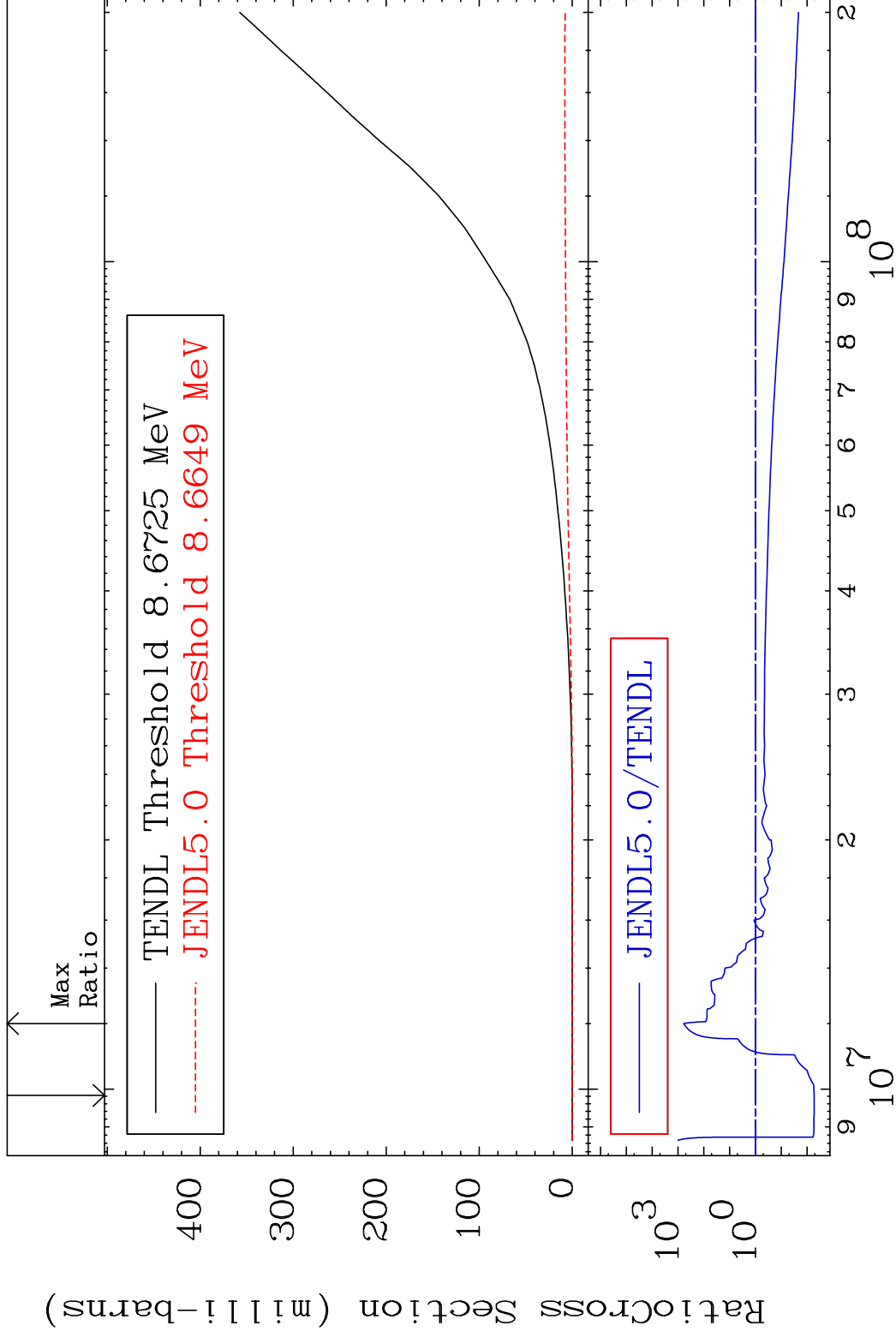


MAT 4325

He-3 Production

43-Tc-99

Cross Section -99.46 To 9999. %

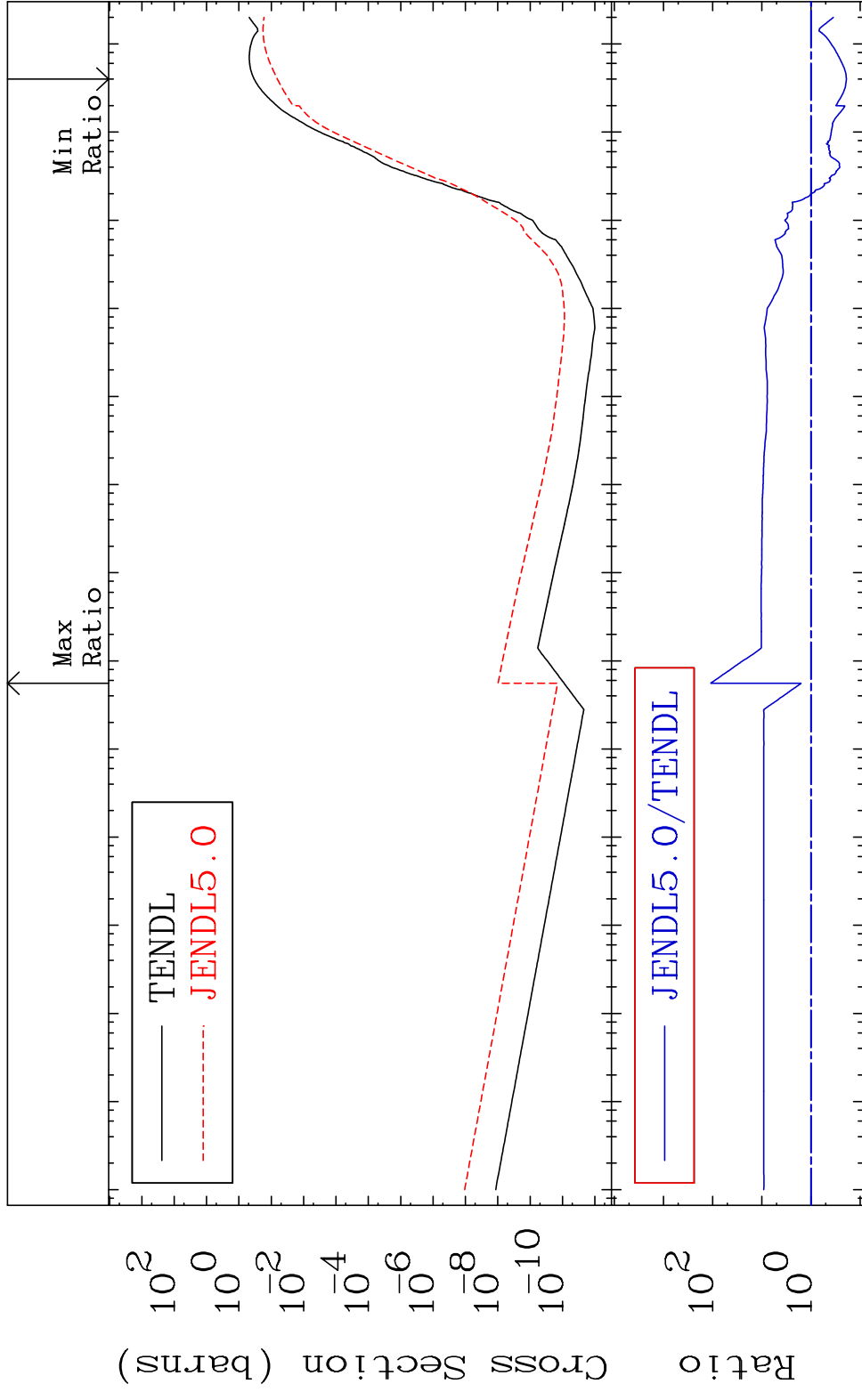


53

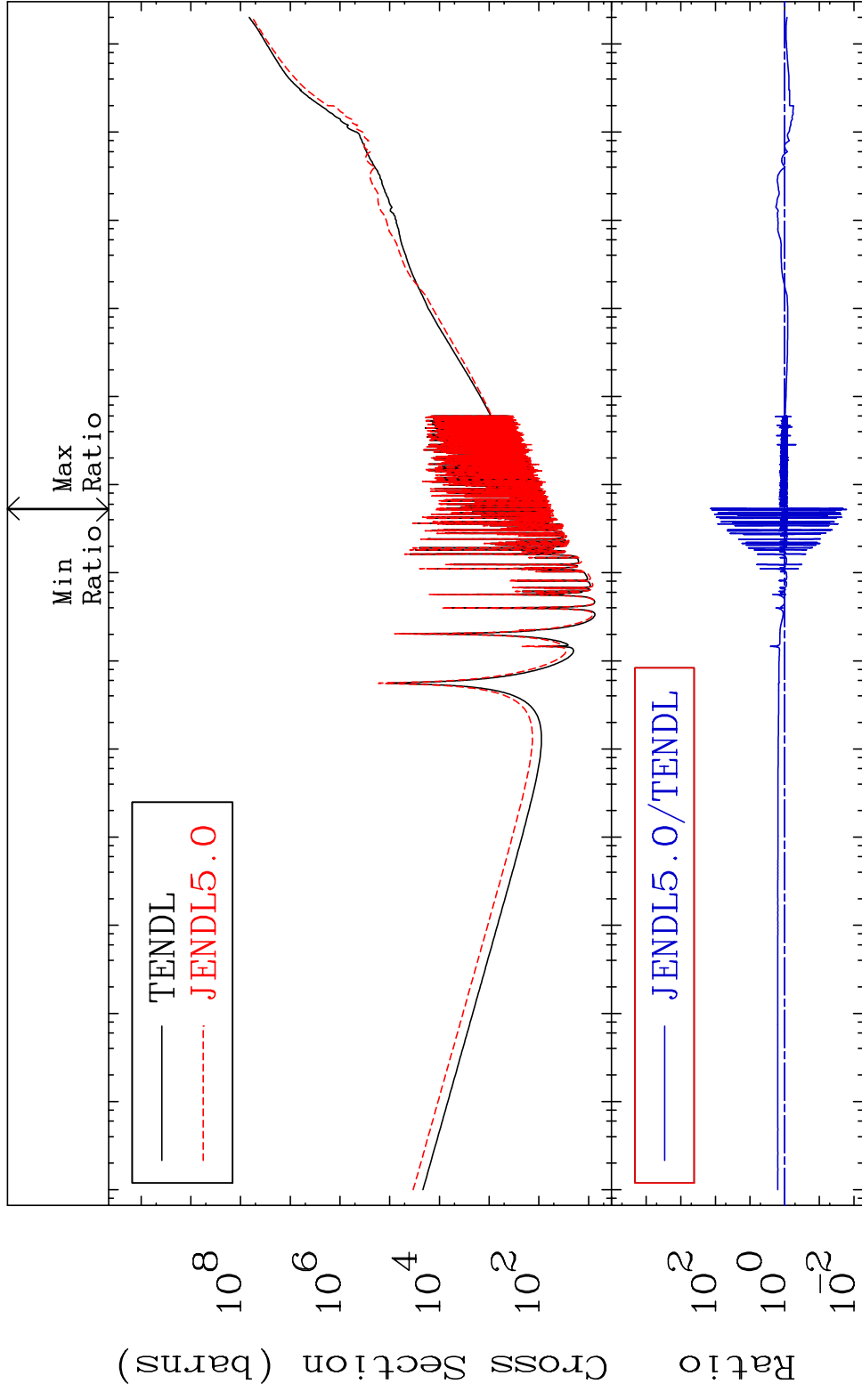
Incident Energy (eV)

43-Tc-99

MAT 4325 He-4 Production 43-Tc-99  
 Cross Section -80.90 To 9999. %



MAT 4325 Kerma total (eV-barns) 43-Tc-99  
Cross Section -98.35 To 9999. %

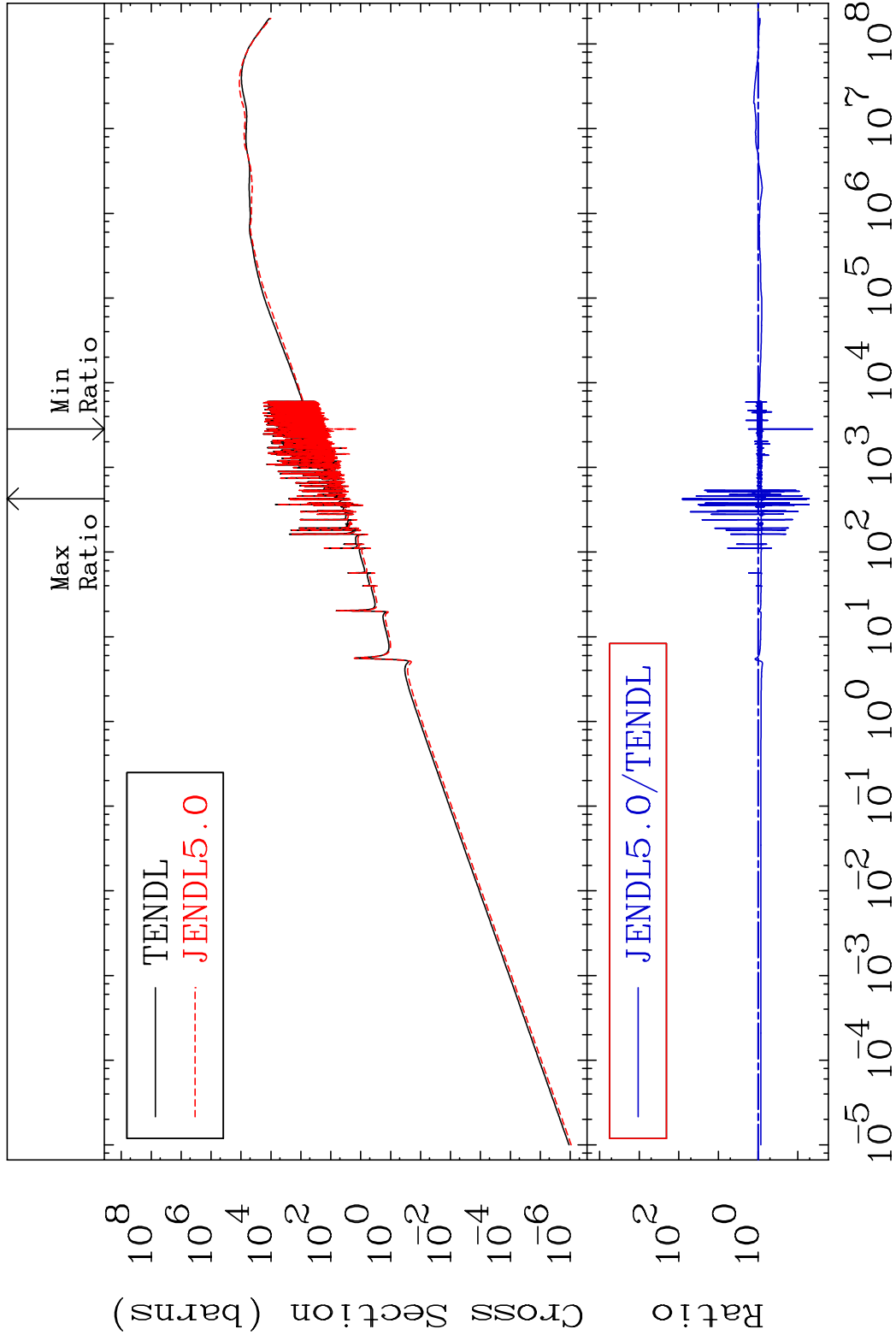


MAT 4325

Kerma elastic

43-Tc-99

Cross Section -95.78 To 8049. %

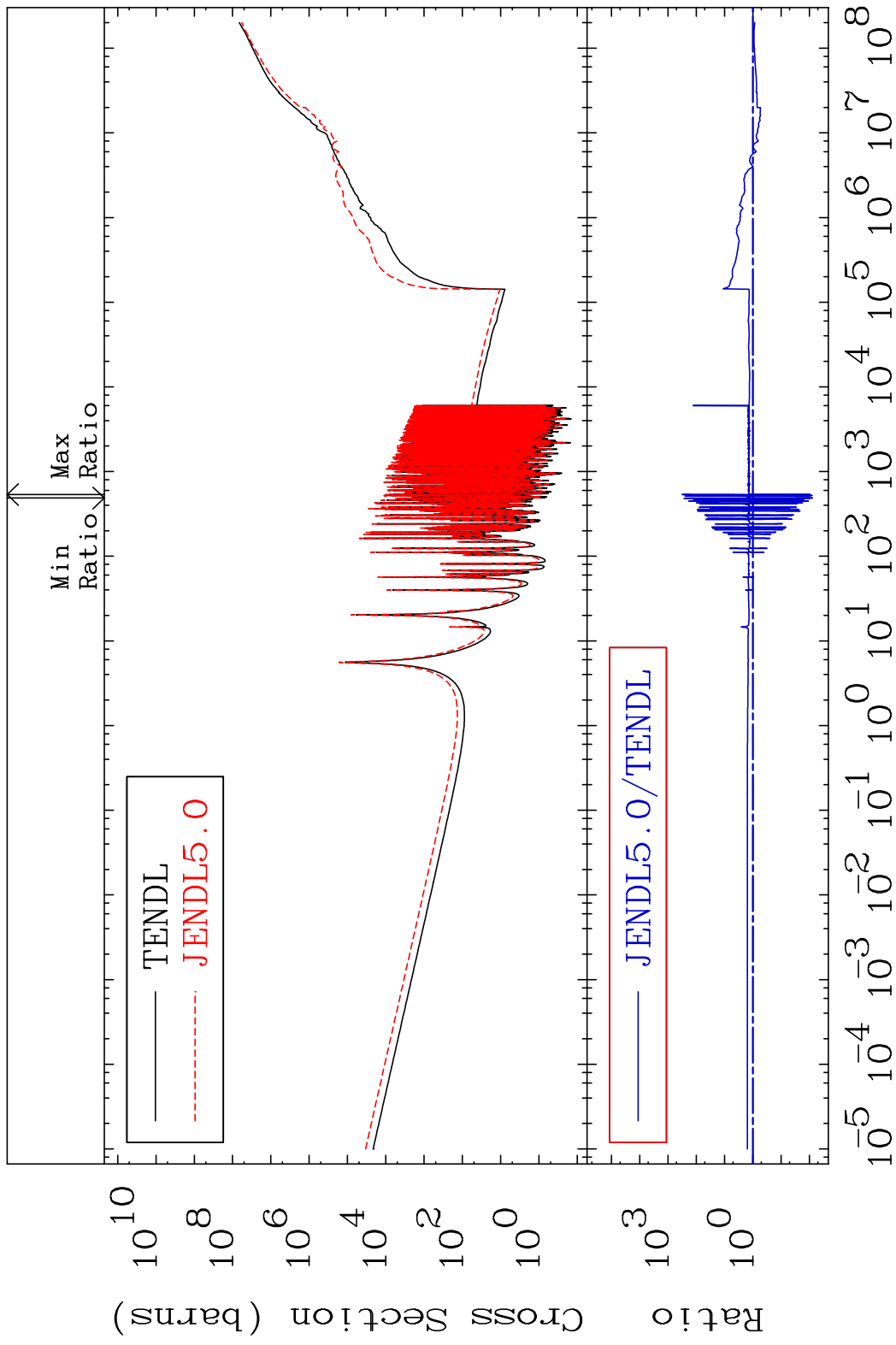


56

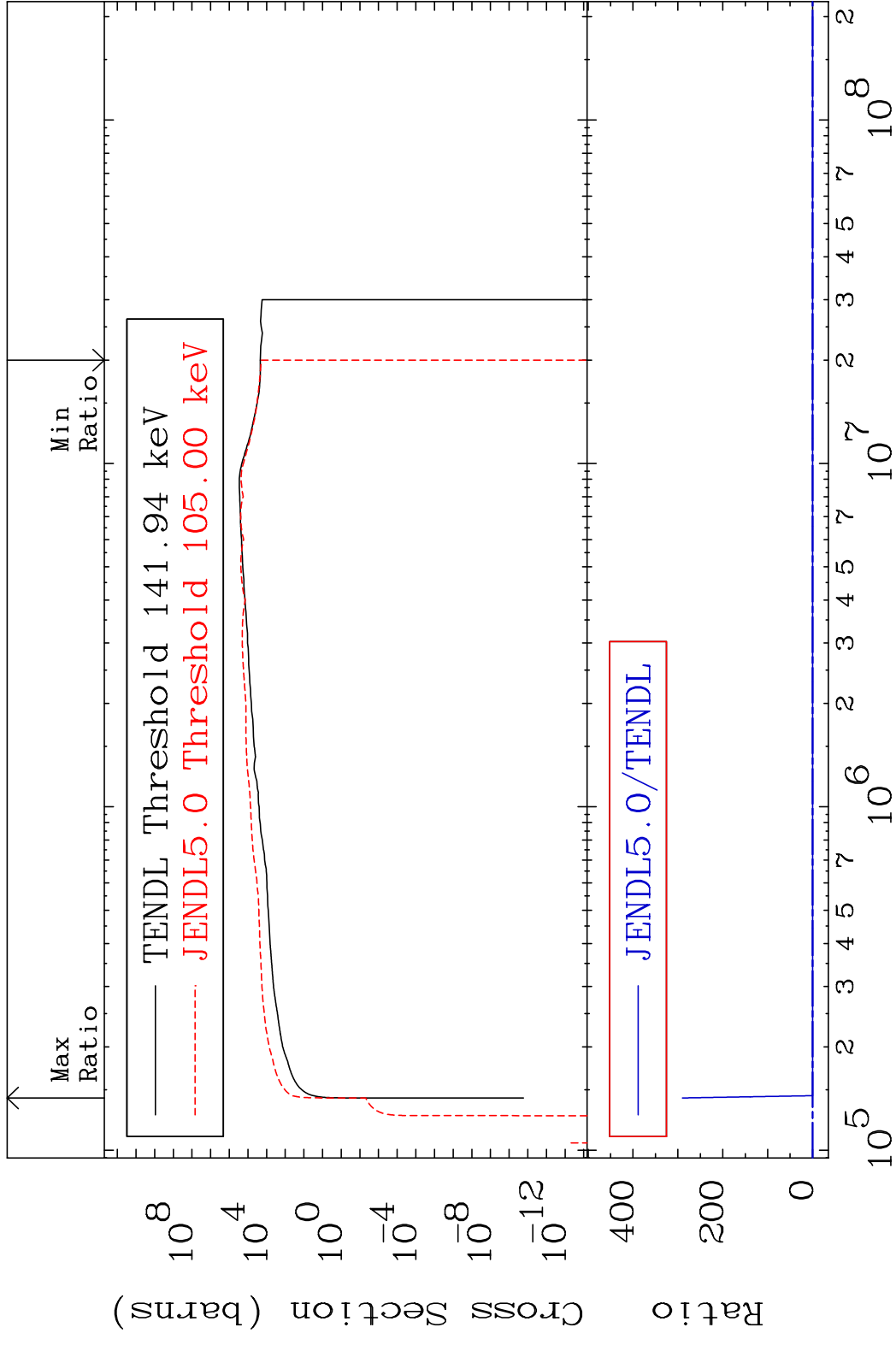
Incident Energy (eV)

43-Tc-99

MAT 4325 Kerma non-elastic (all but mt2) 43-Tc-99  
 Cross Section -99.23 To 9999. %

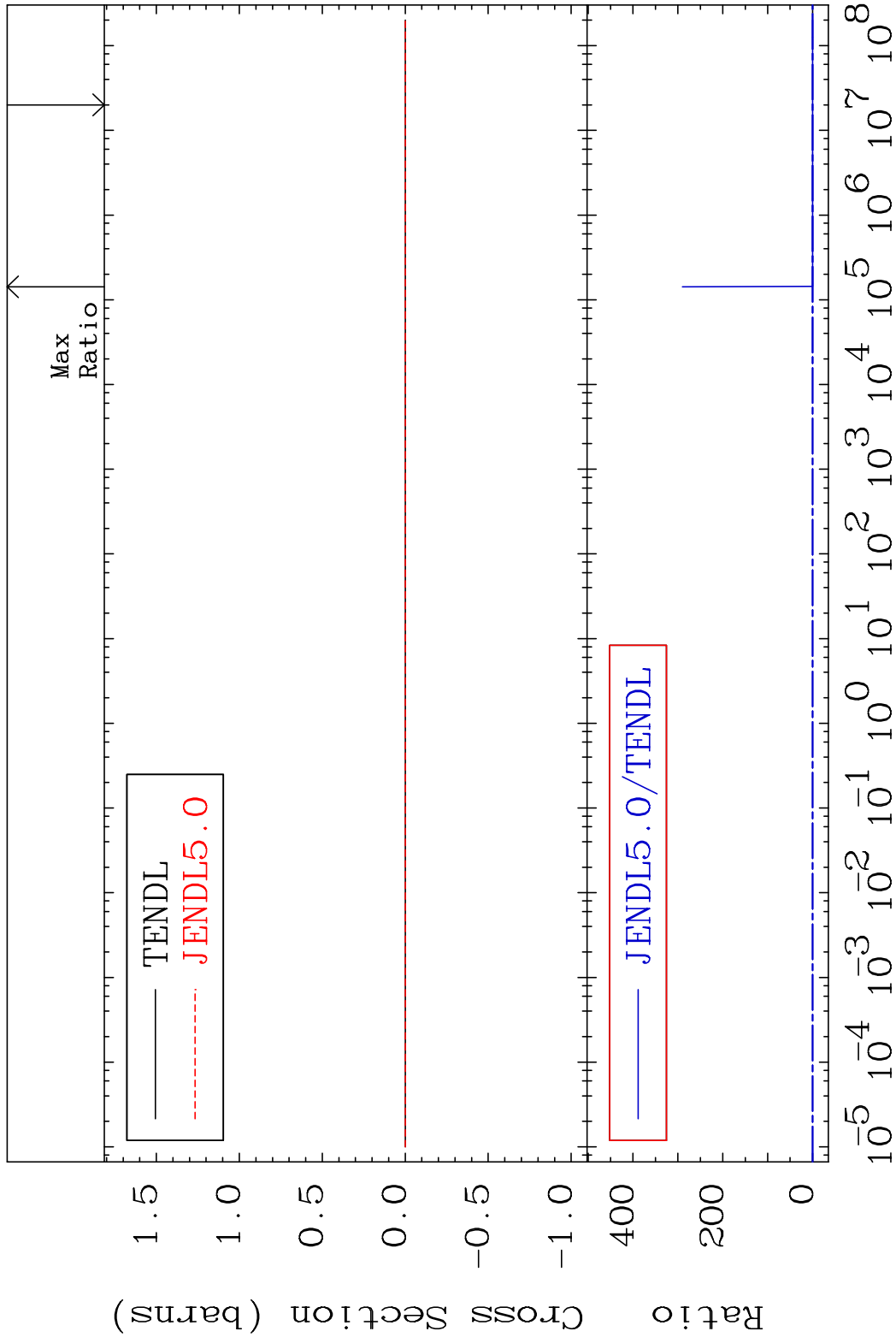


MAT 4325 Kerma inelastic (mt51-91) 43-Tc-99  
 Cross Section -100.0 To 9999. %

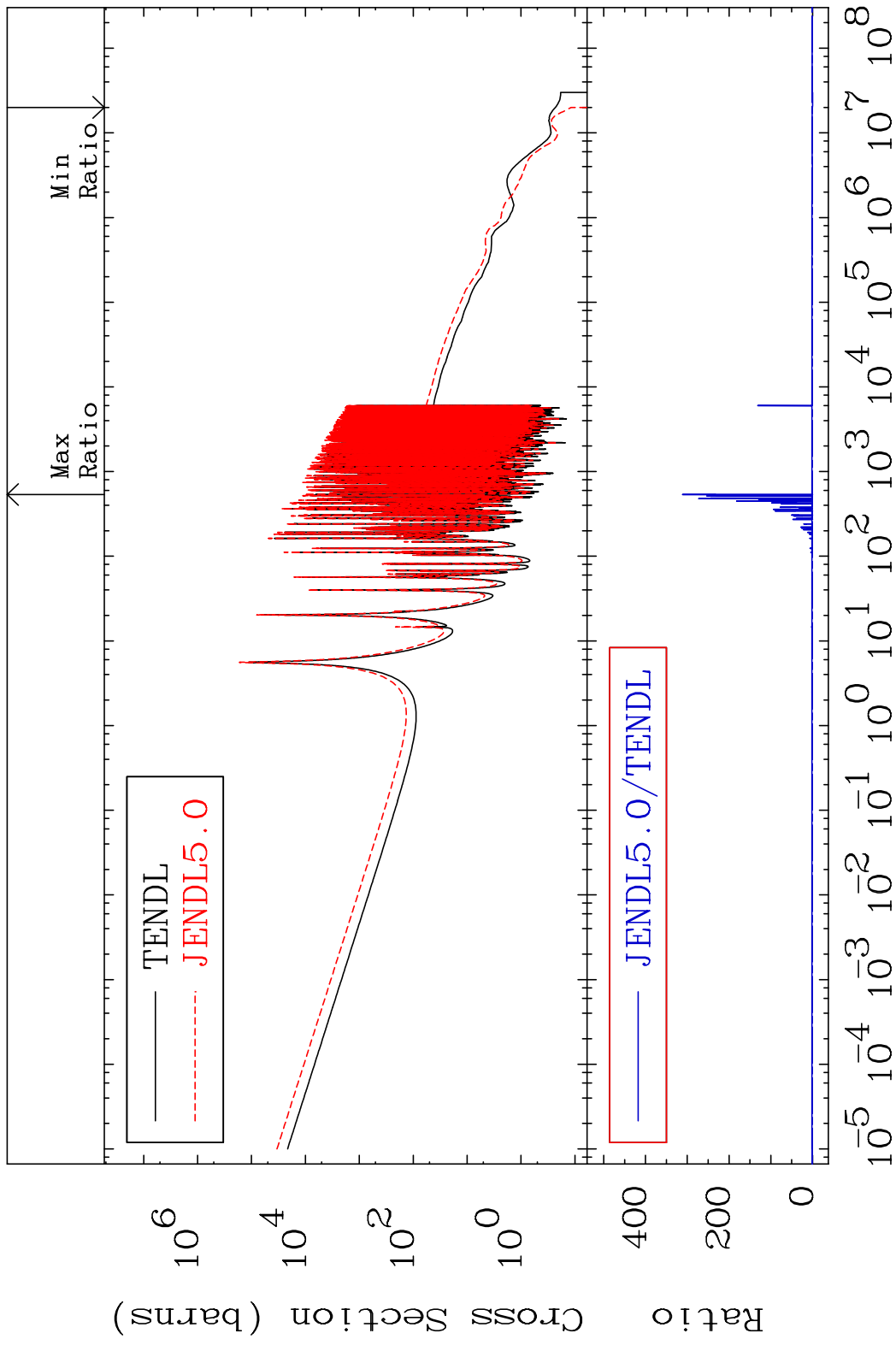


58 Incident Energy (eV) 43-Tc-99

MAT 4325 Kerma fission (mt18 or mt19-20-21-38) 43-Tc-99  
 Cross Section -100.0 To 9999. %

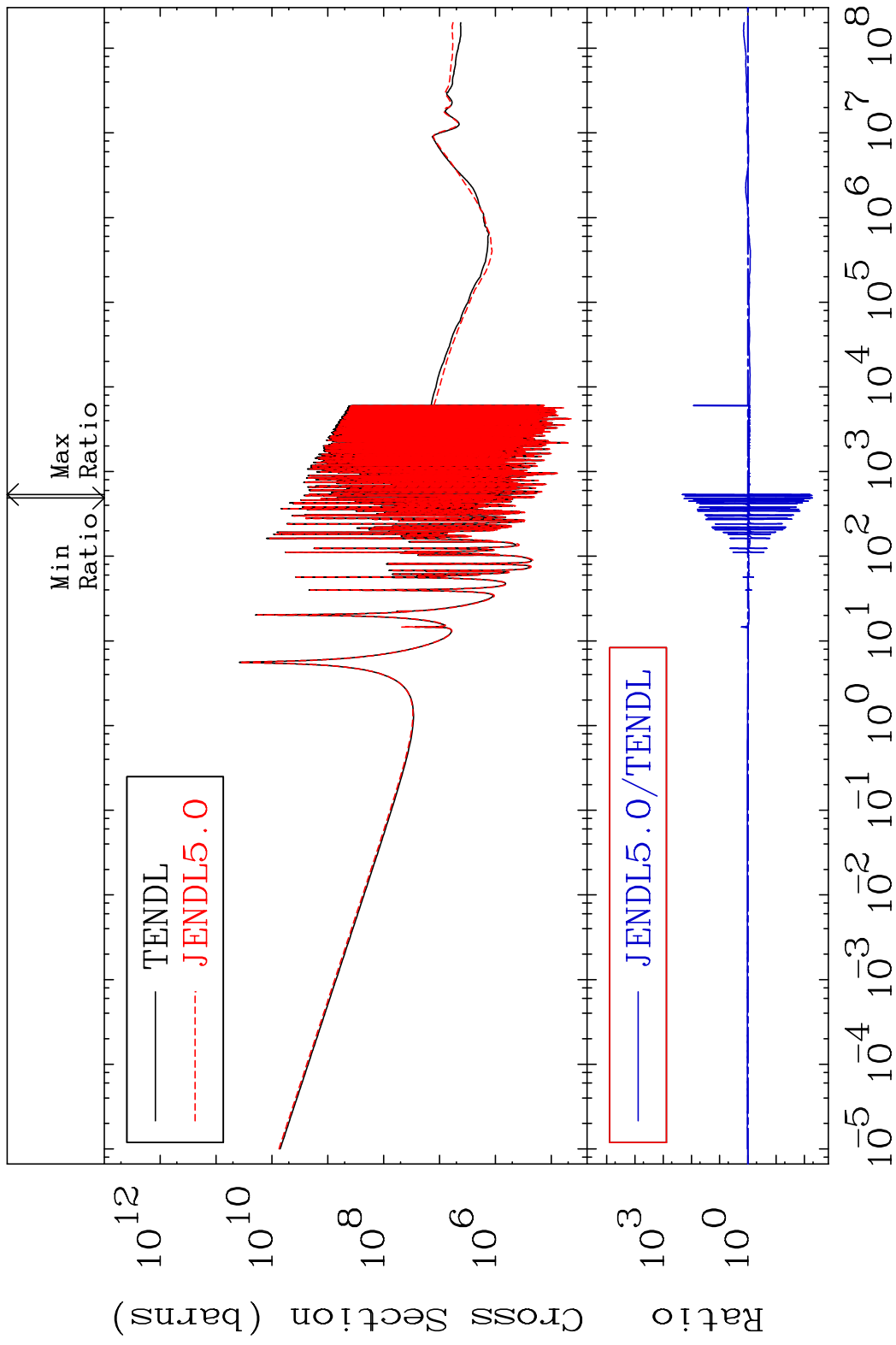


MAT 4325 Kerma capture (mt102) 43-Tc-99  
Cross Section -100.0 To 9999. %

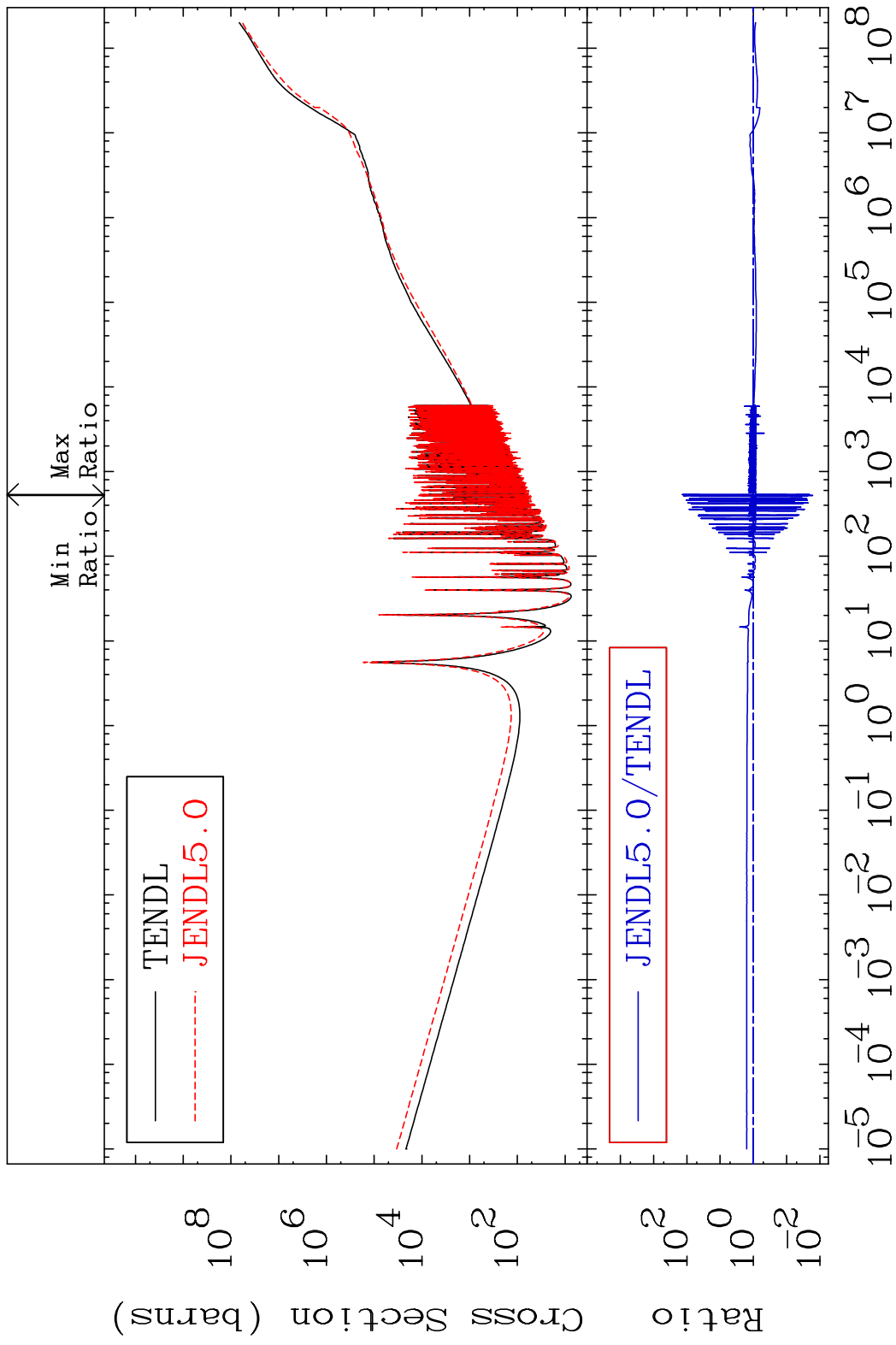


60 Incident Energy (eV) 43-Tc-99

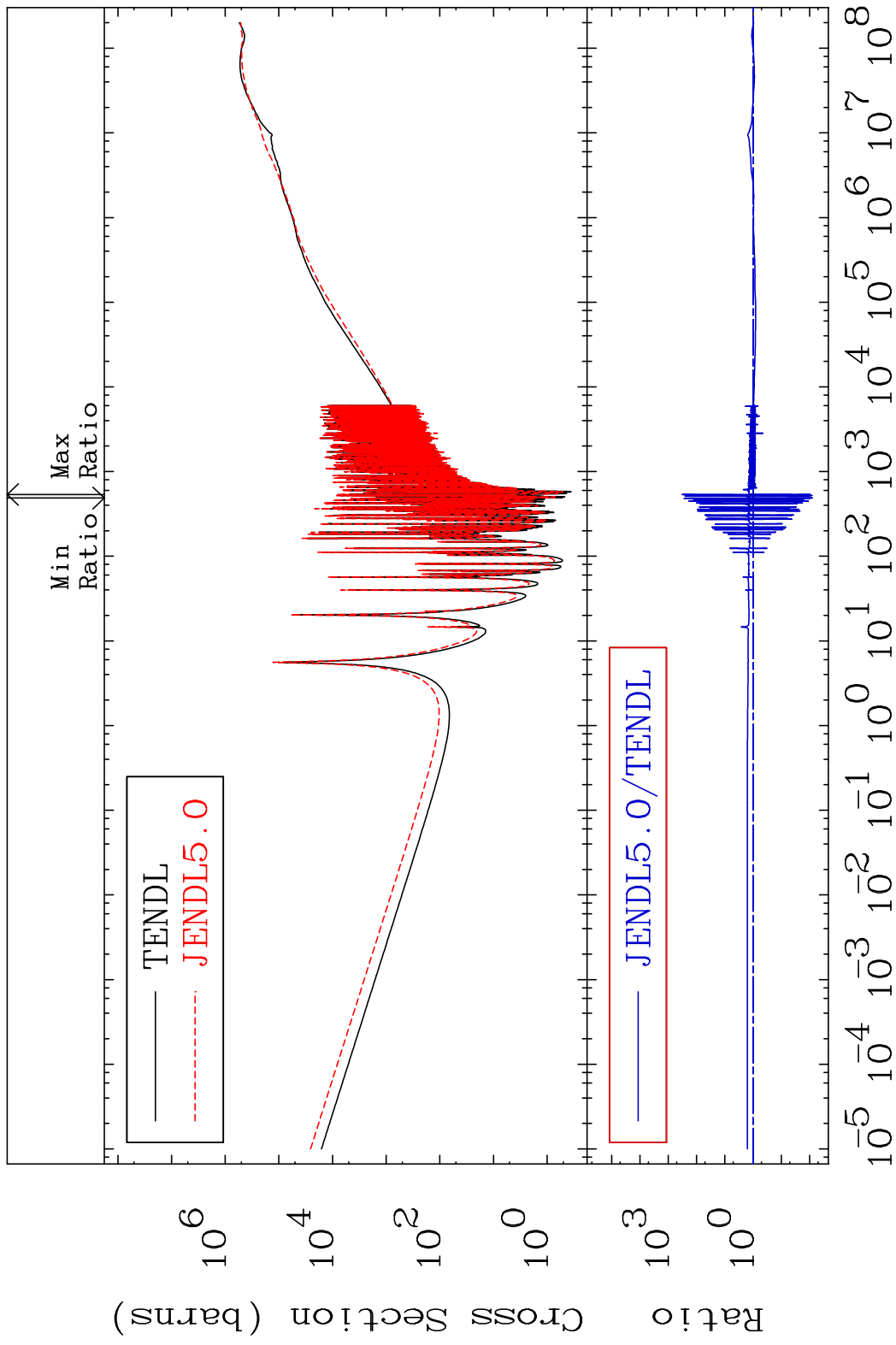
MAT 4325 Total photon (eV-barns) 43-Tc-99  
 Cross Section -99.48 To 9999. %



MAT 4325 Total kinematic kerma (high limit) 43-Tc-99  
 Cross Section -98.35 To 9999. %

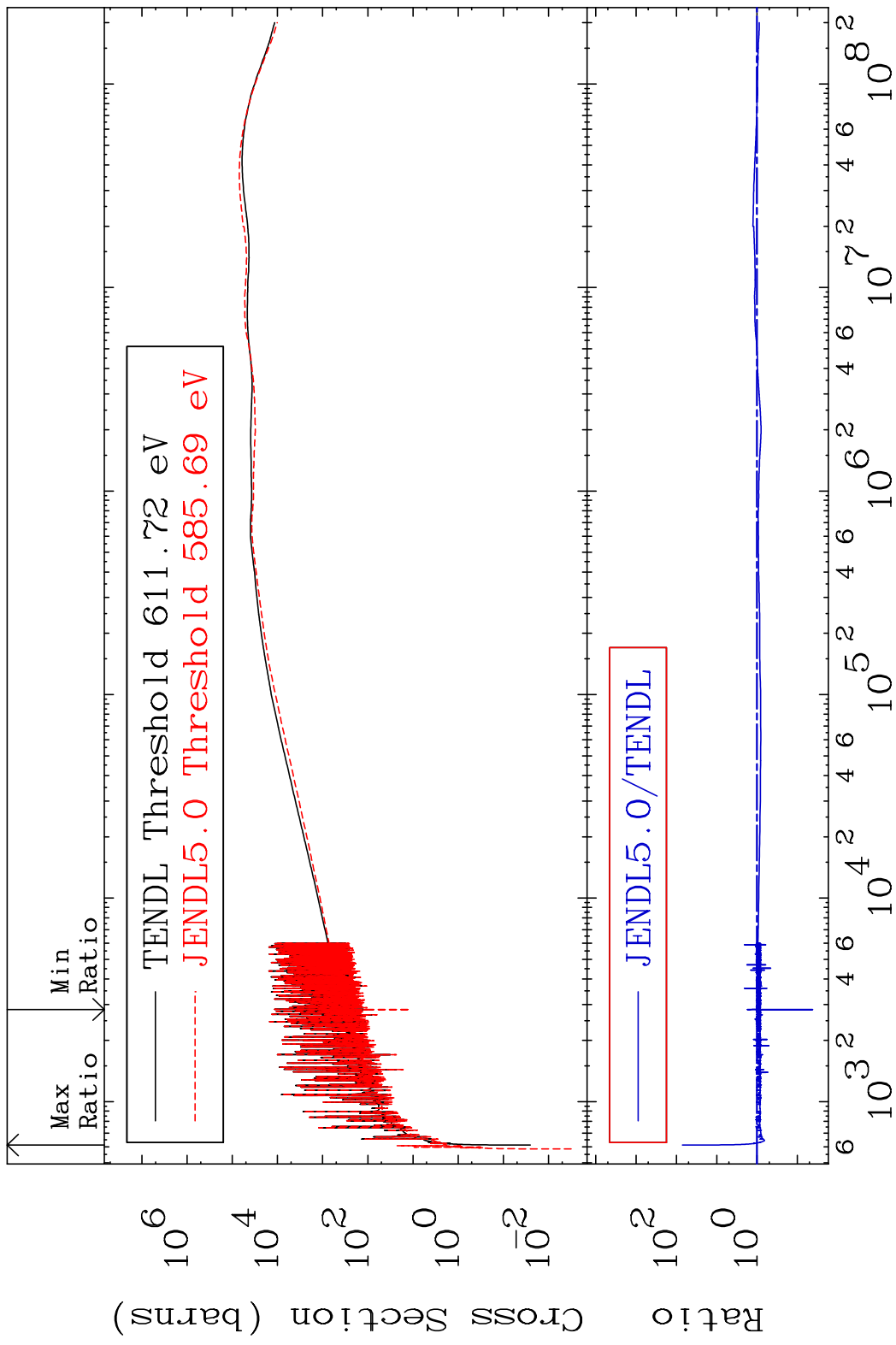


MAT 4325 Dpa total (eV-barns) 43-Tc-99  
 Cross Section -99.22 To 9999. %

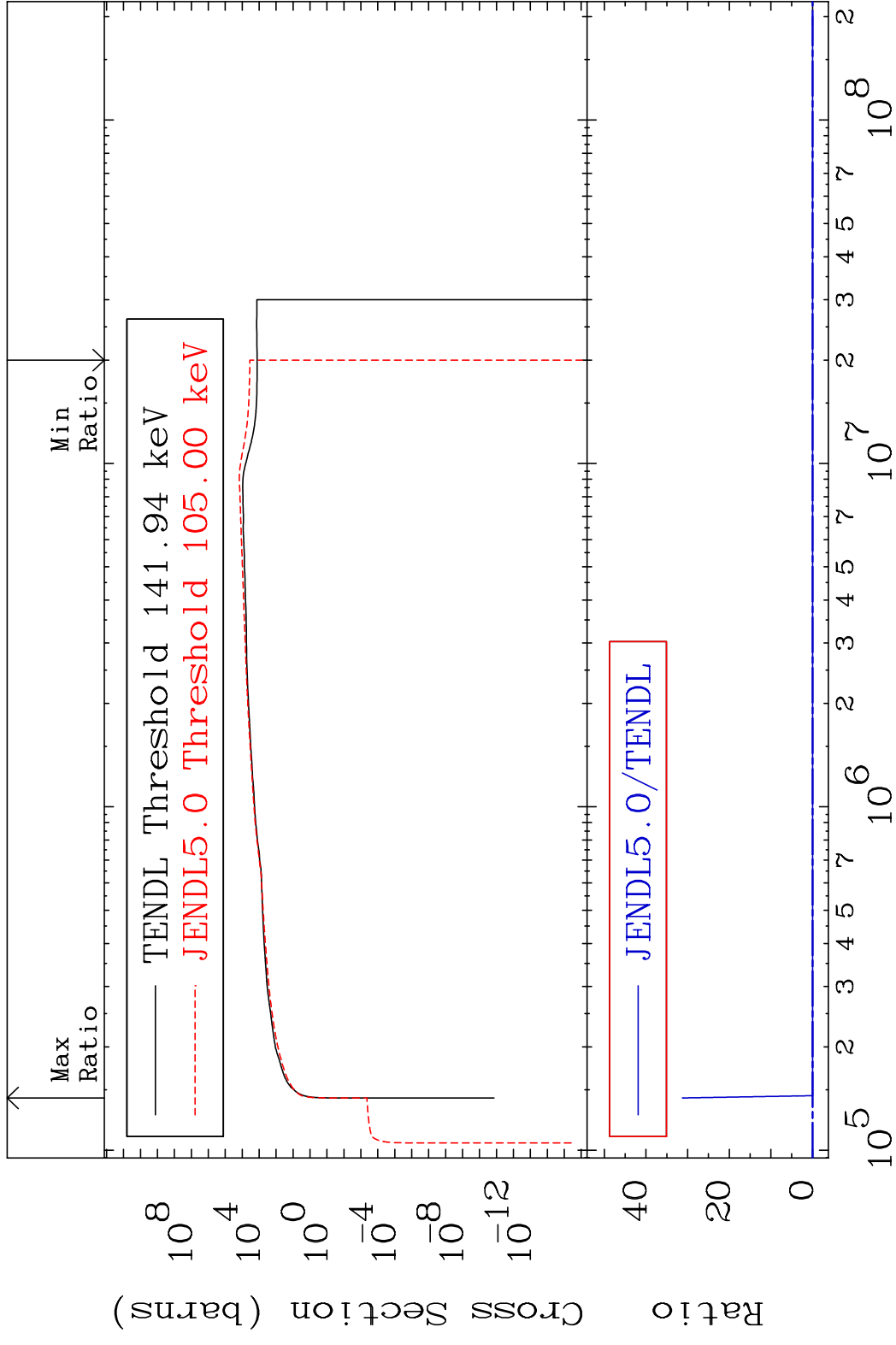


63 Incident Energy (eV) 43-Tc-99

MAT 4325      Dpa elastic (mt2)      43-Tc-99  
 Cross Section      -95.80 To 7023. %

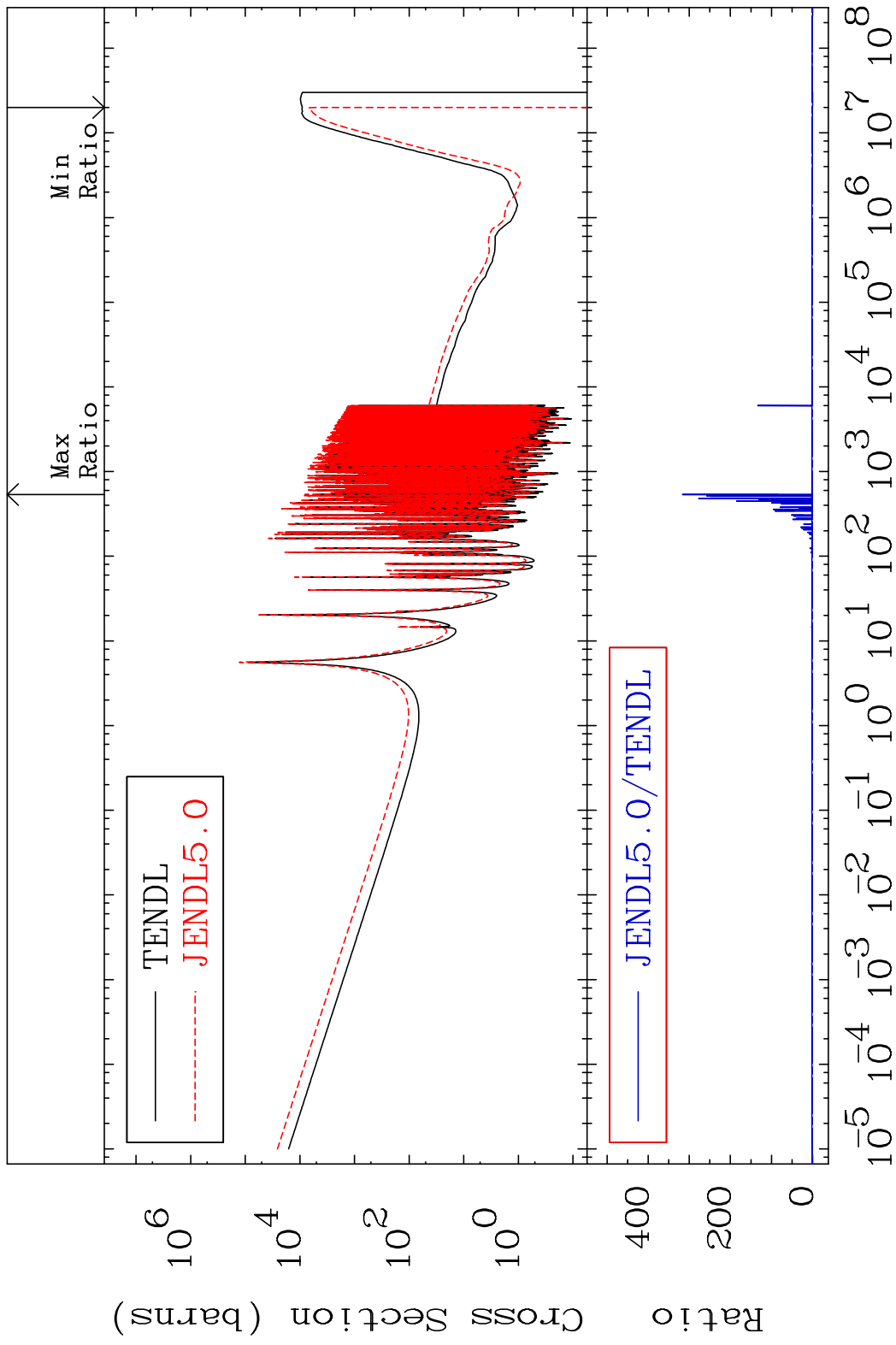


MAT 4325 Dpa inelastic (mt51-91) 43-Tc-99  
 Cross Section -100.0 To 9999. %

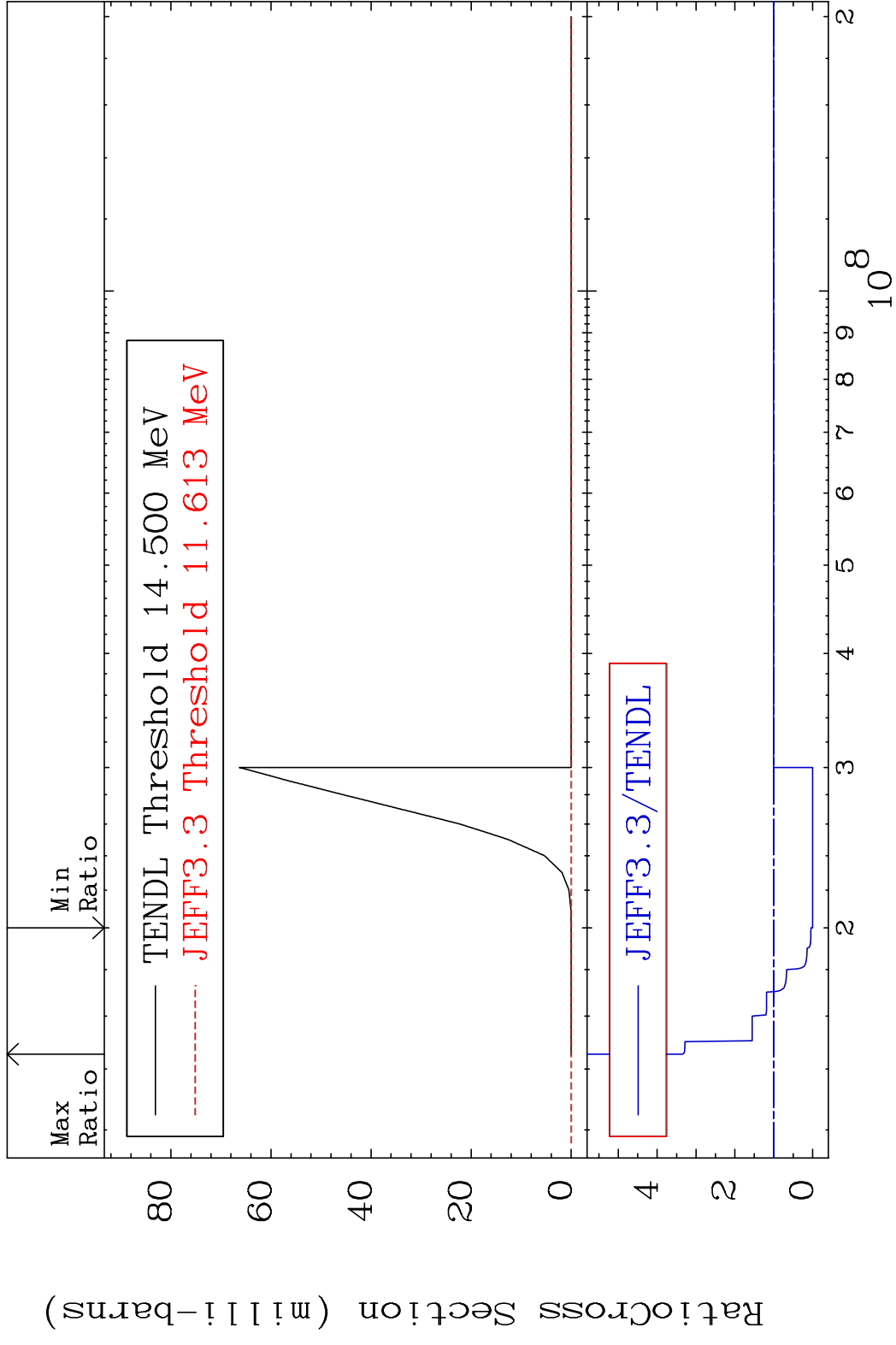


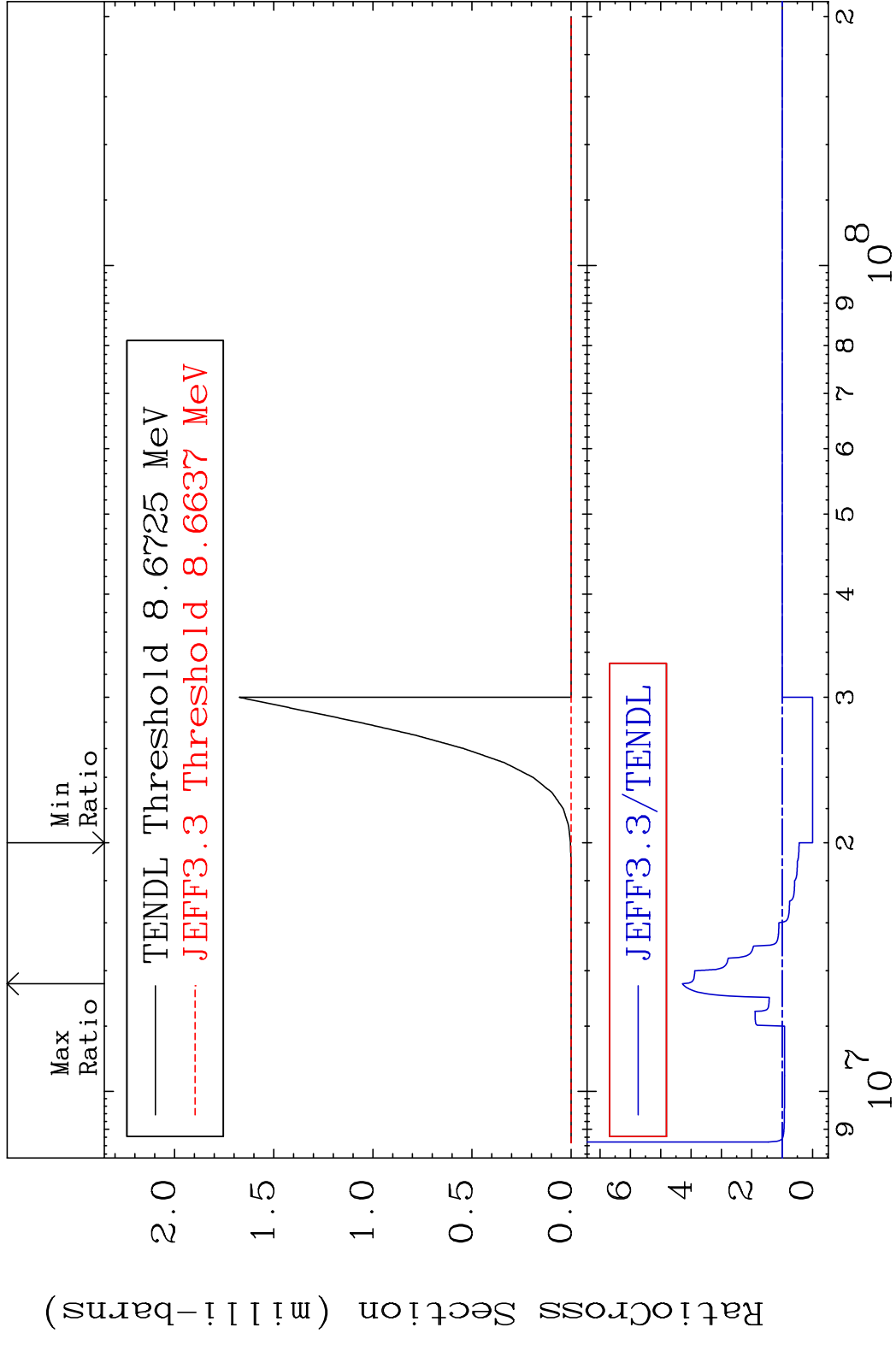
65 Incident Energy (eV) 43-Tc-99

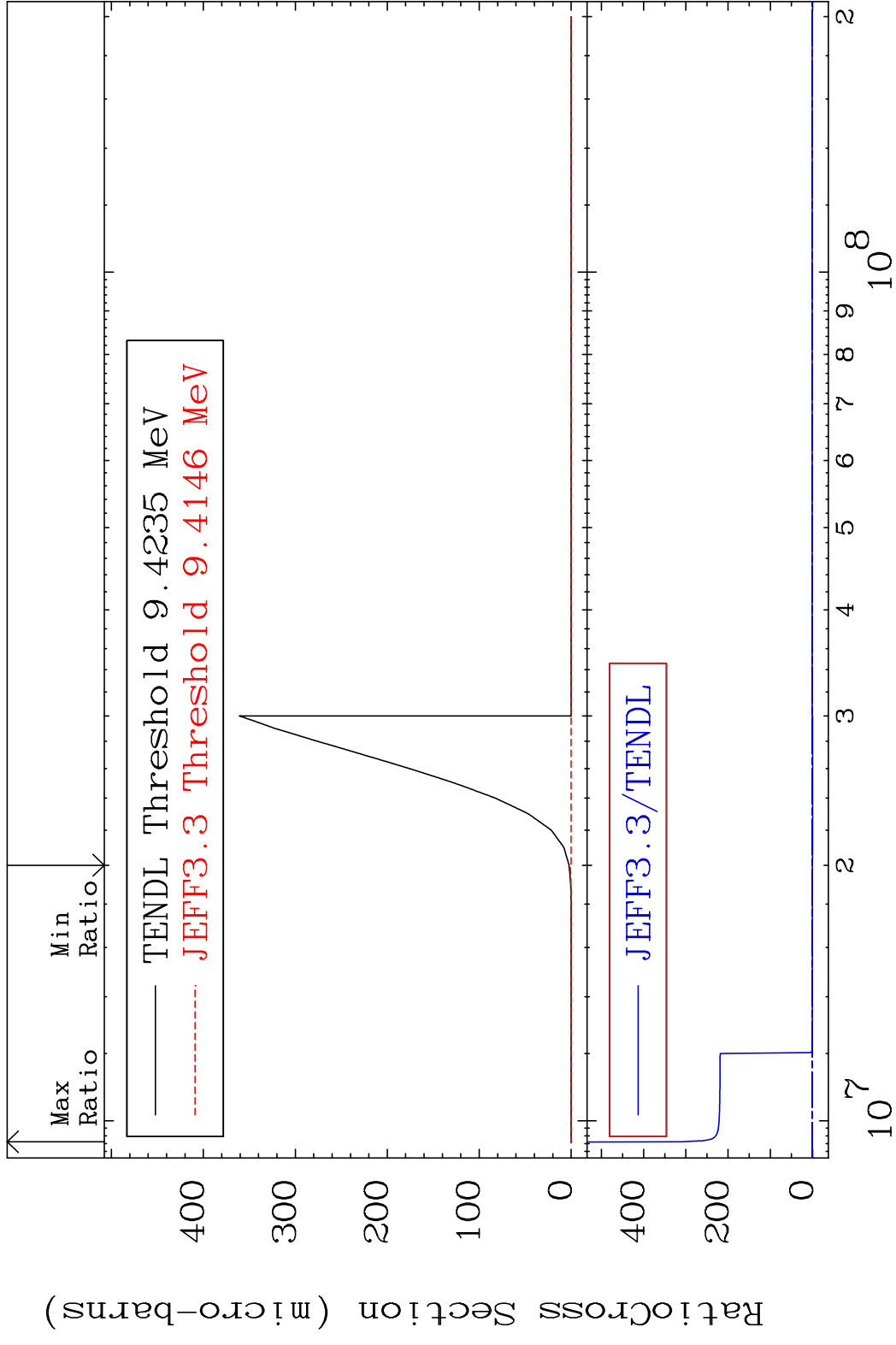
MAT 4325 Dpa disappearance (mt102 -120) 43-Tc-99  
Cross Section -100.0 To 9999. %



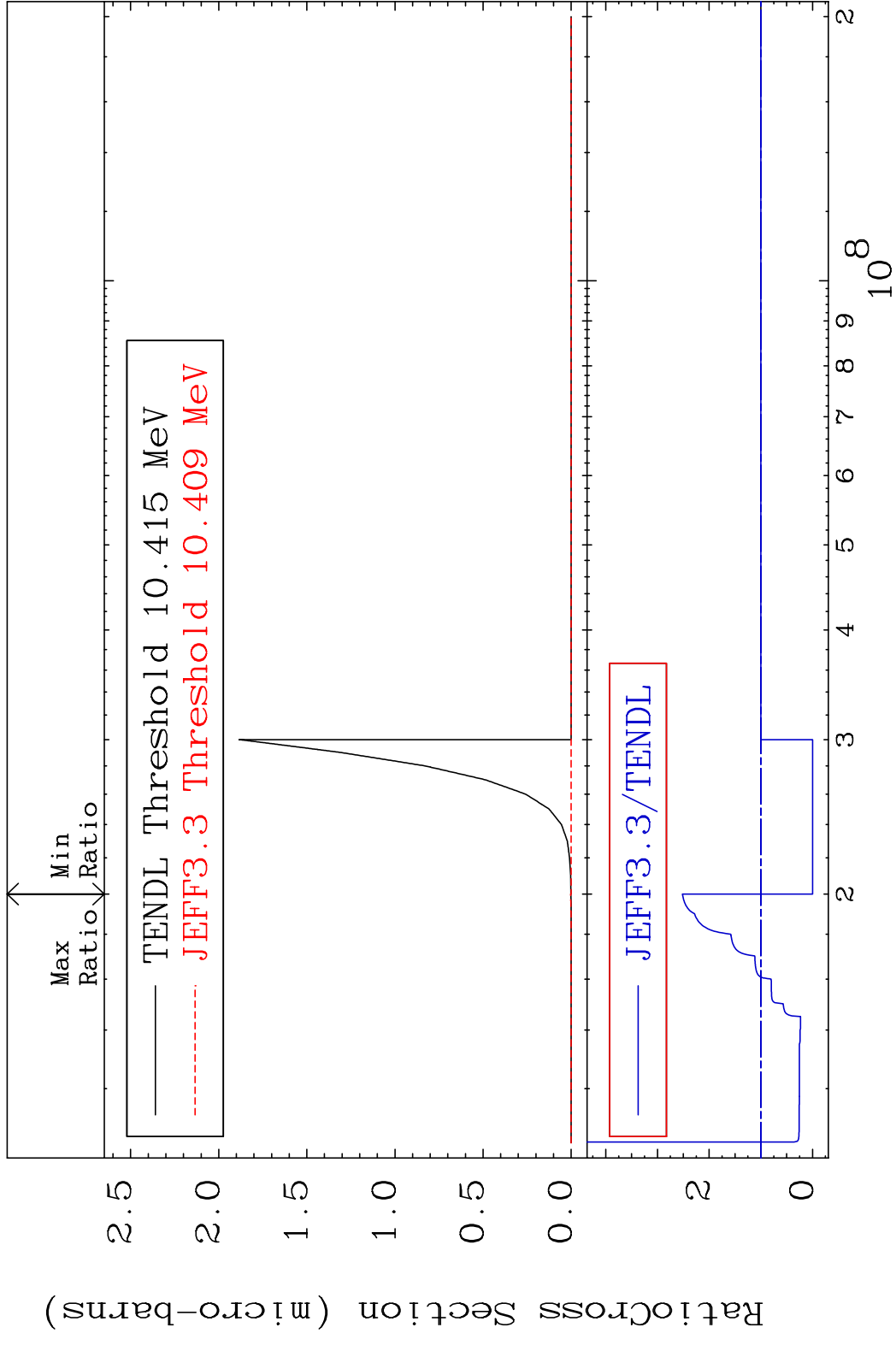
MAT 4325 (n,2n)  $\alpha$ :41-Nb-94m1 43-Tc-99  
 Radionuclide Production Cross Section 180.0 dth 235.2 %







MAT 4325 (n,2p) : 41-Nb-98g 43-Tc-99  
 Radionuclide Production Cross Section 151.8 %



MAT 4325 (n,2p):41-Nb-98m1 43-Tc-99  
 Radionuclide Production Cross Section 1883.0 dno 1883. %

