

Program Complot  
(Version 2021-1)

by

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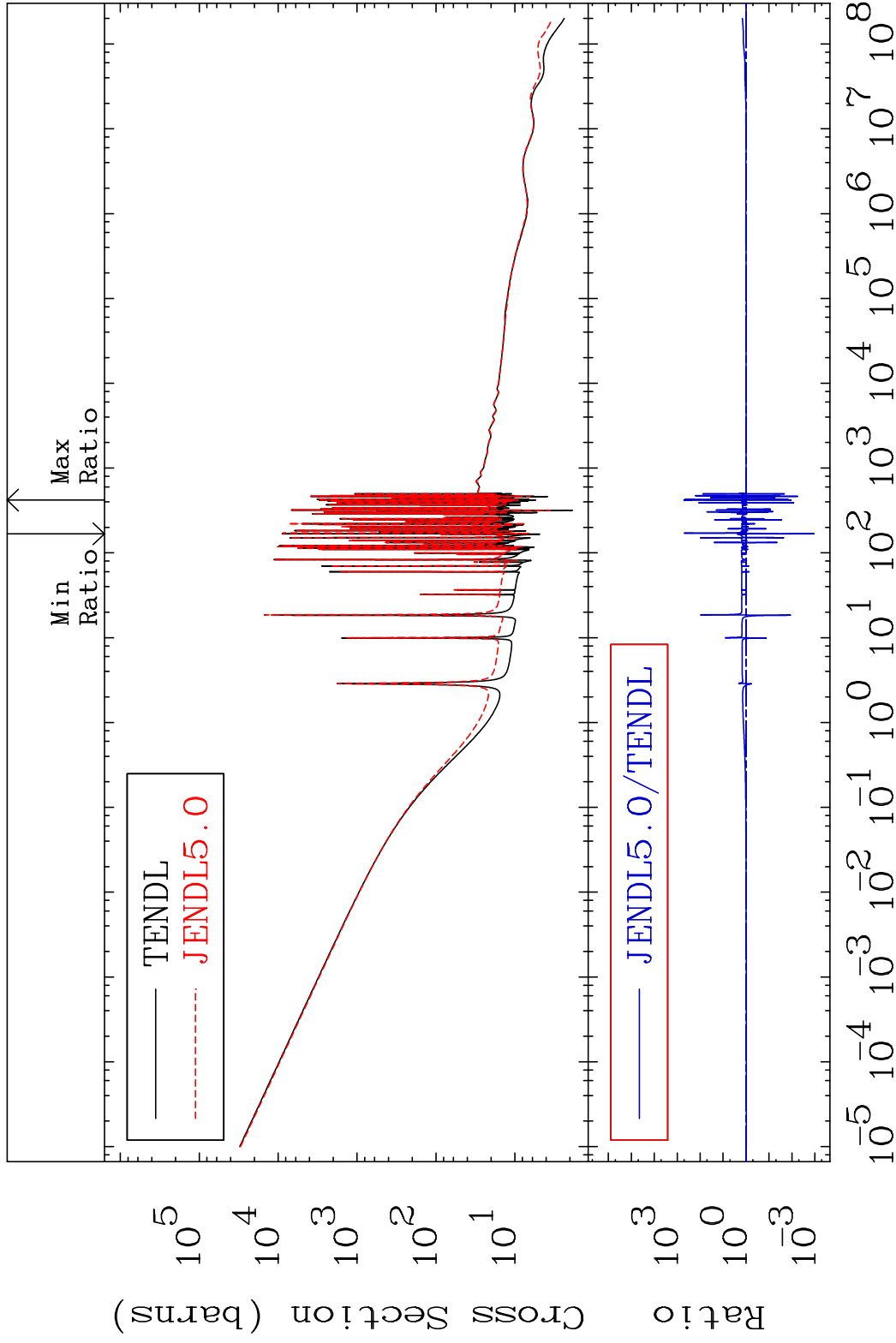
Press Mouse Button to Start

MAT 9434

Total

94-Pu-238

Cross Section -99.89 To 9999. %



1

Incident Energy (eV)

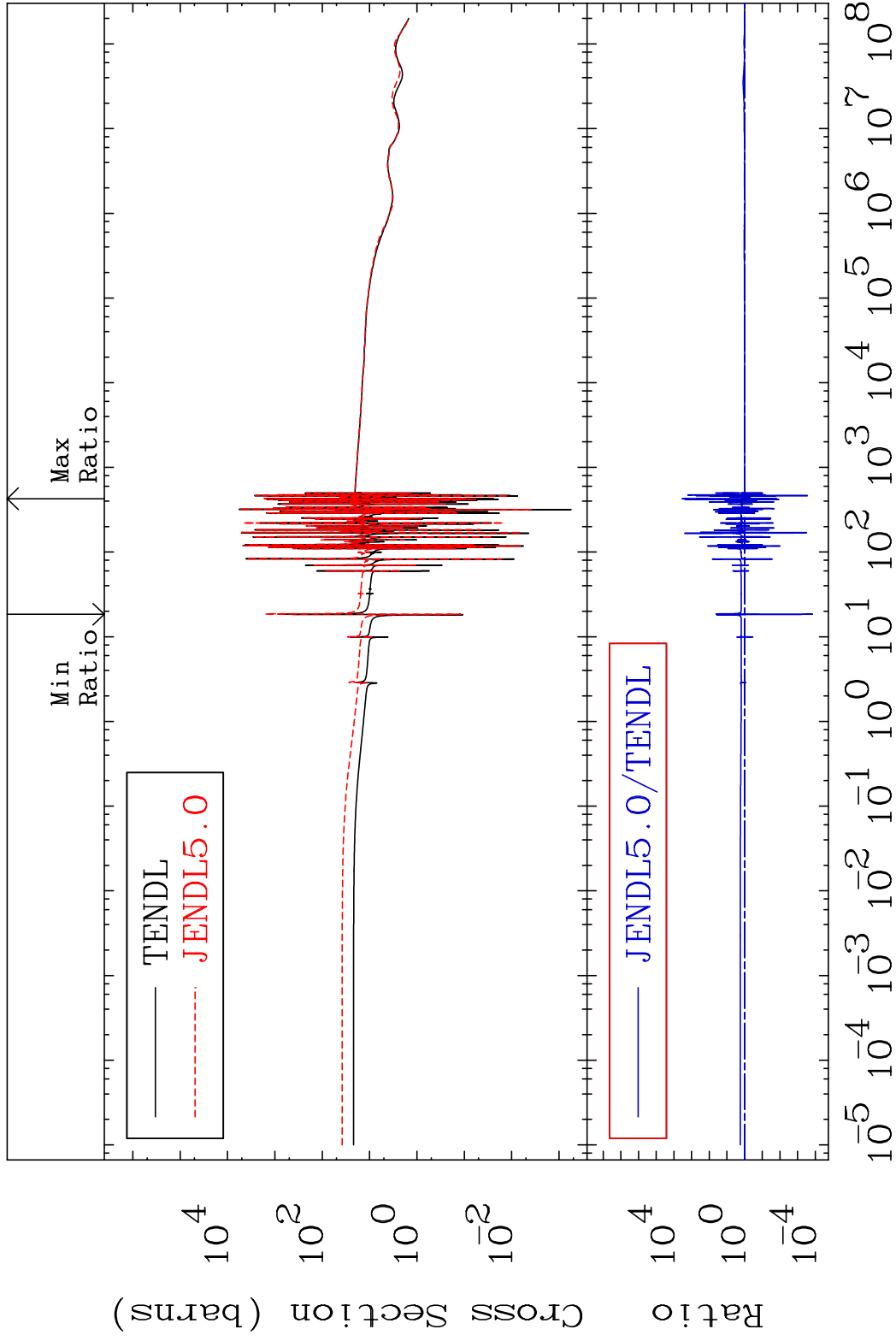
94-Pu-238

MAT 9434

Elastic

94-Pu-238

Cross Section -99.99 To 9999. %

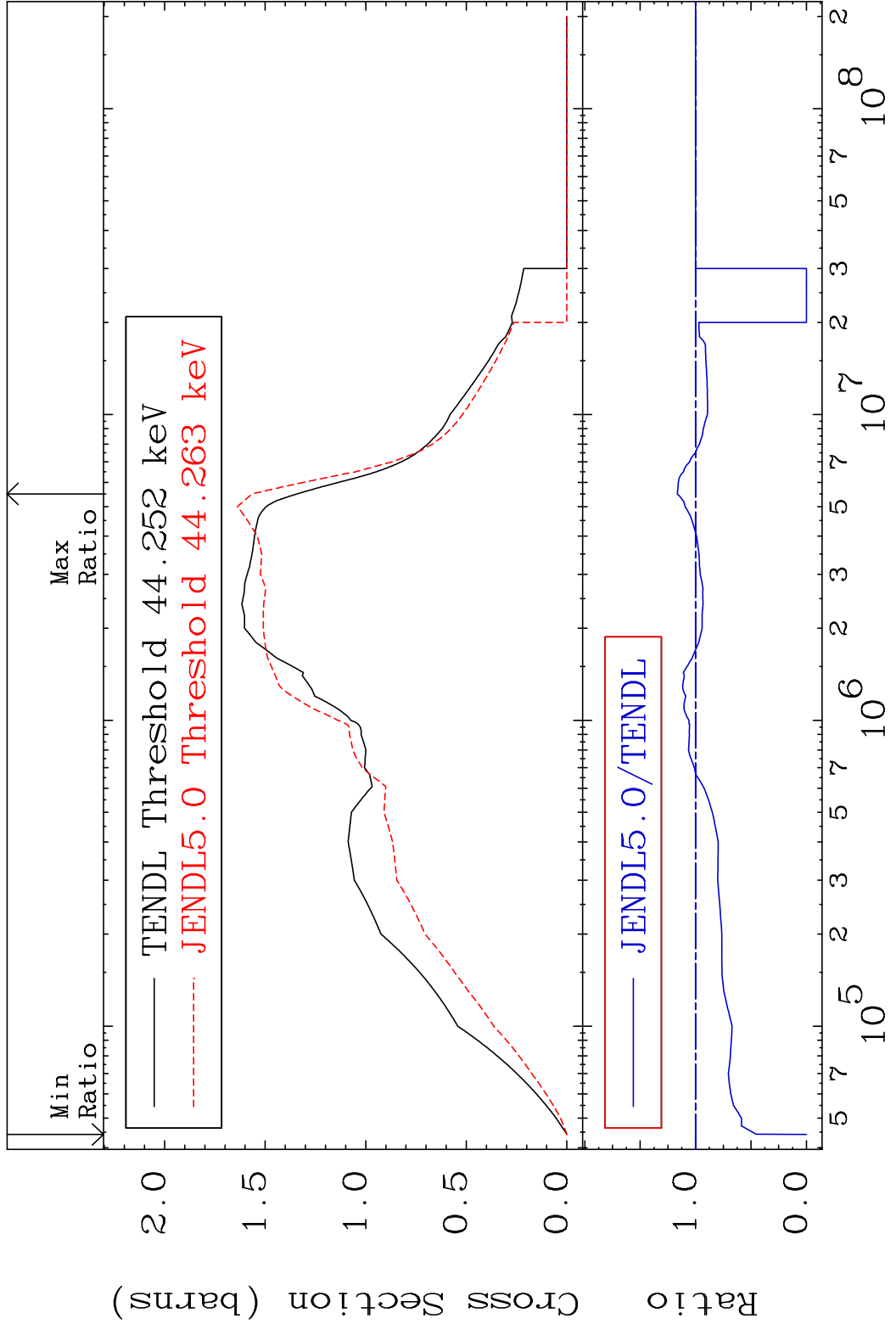


2

Incident Energy (eV)

94-Pu-238

MAT 9434 Inelastic Cross Section -100.0 To 16.62 % 94-Pu-238



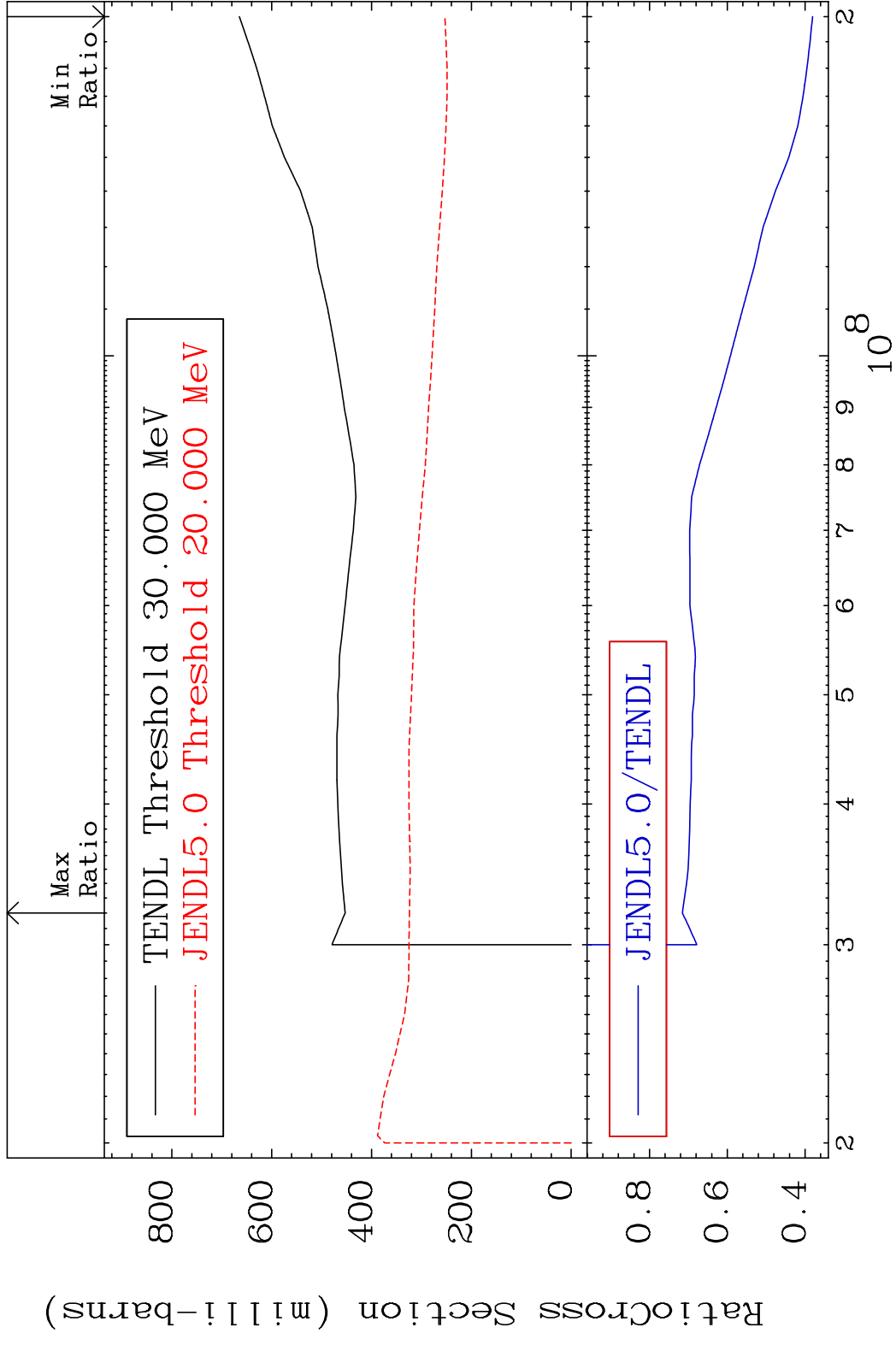
MAT 9434

(n, remainder)

94-Pu-238

Cross Section

-61.94 To -28.45%



4

Incident Energy (eV)

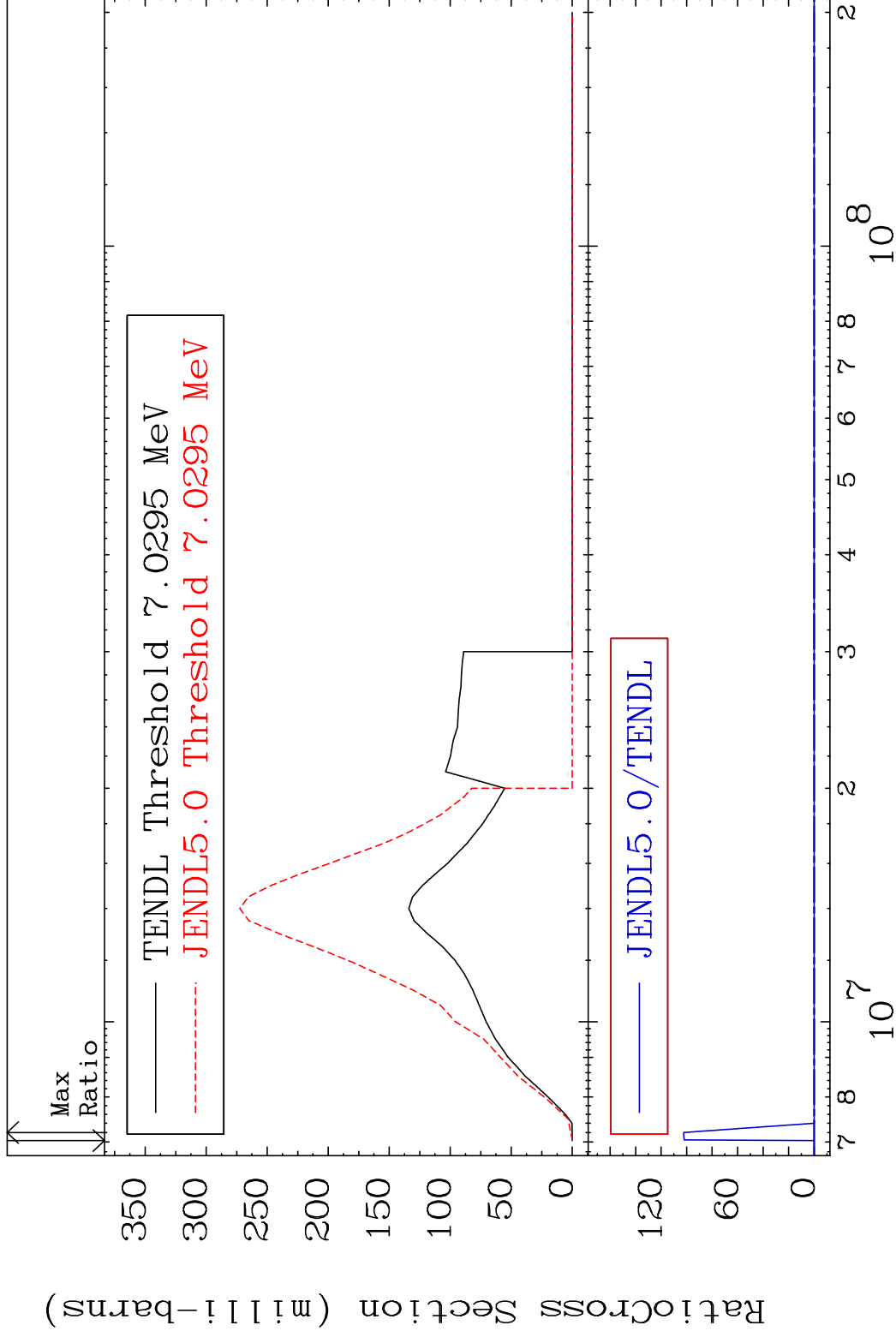
94-Pu-238

MAT 9434

(n,2n)

94-Pu-238

Cross Section -100.0 To 9999. %

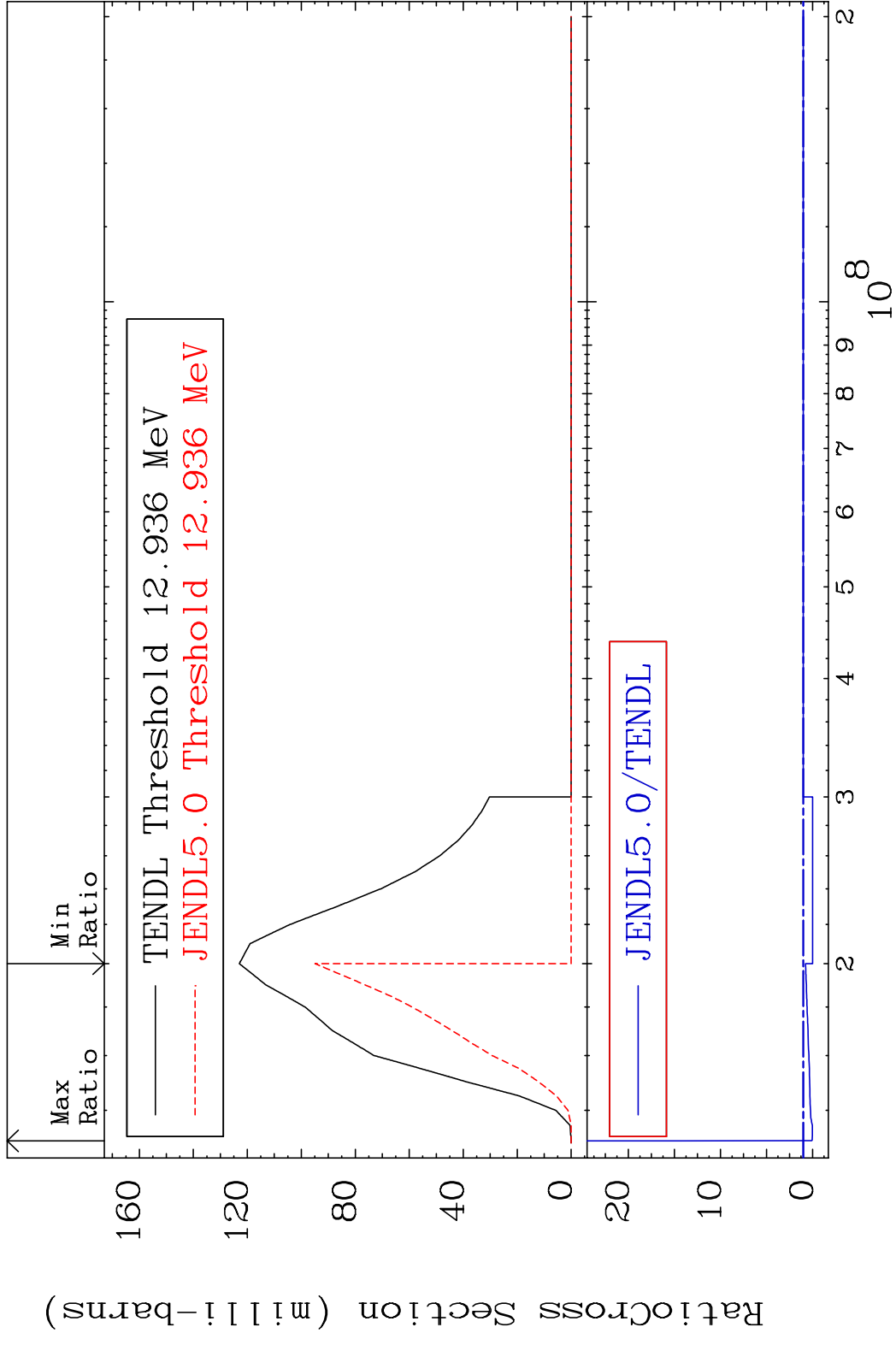


5

Incident Energy (eV)

94-Pu-238

MAT 9434 (n,3n) 94-Pu-238  
 Cross Section -100.0 To 1314. %

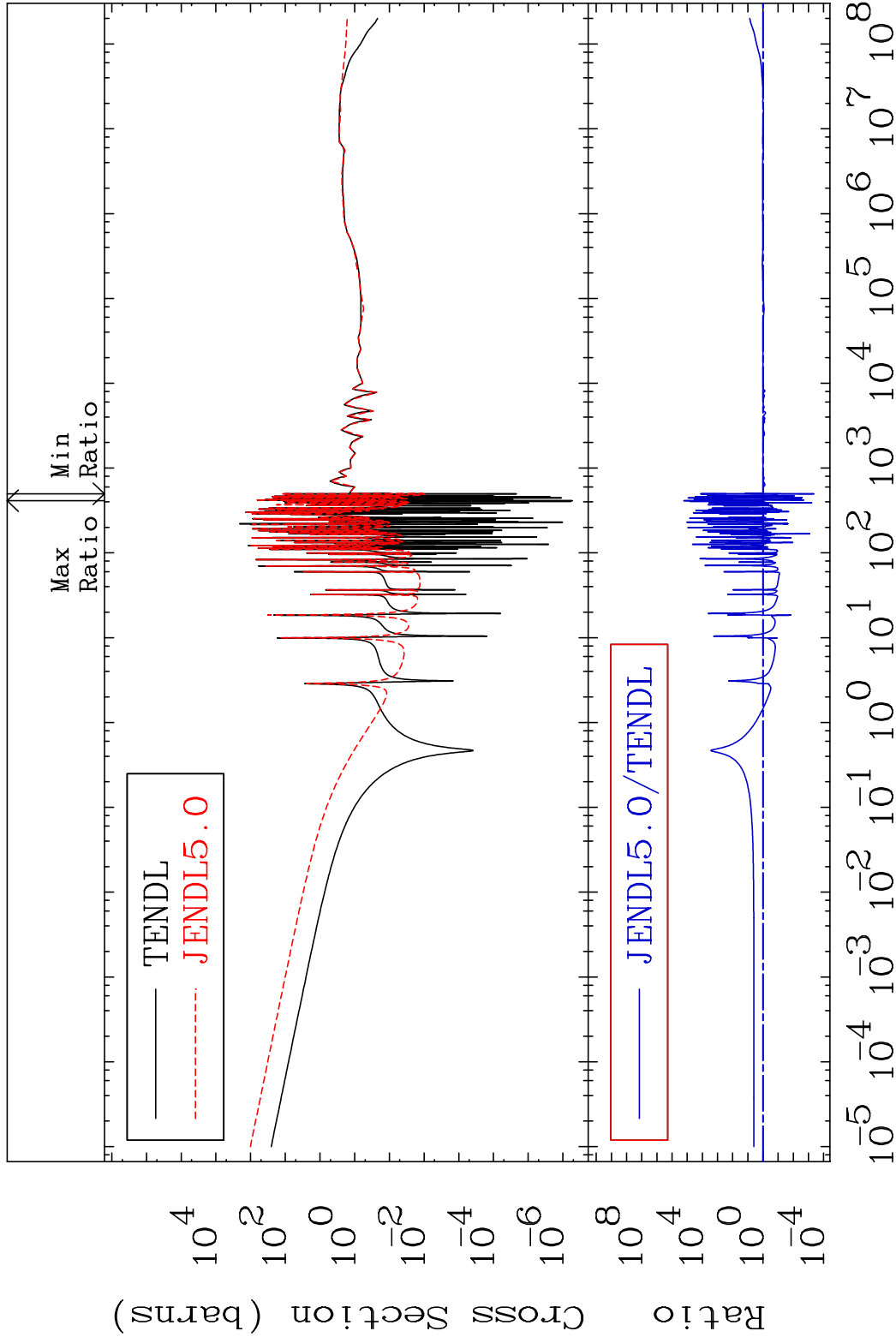


MAT 9434

Fission

94-Pu-238

Cross Section -99.96 To 9999. %

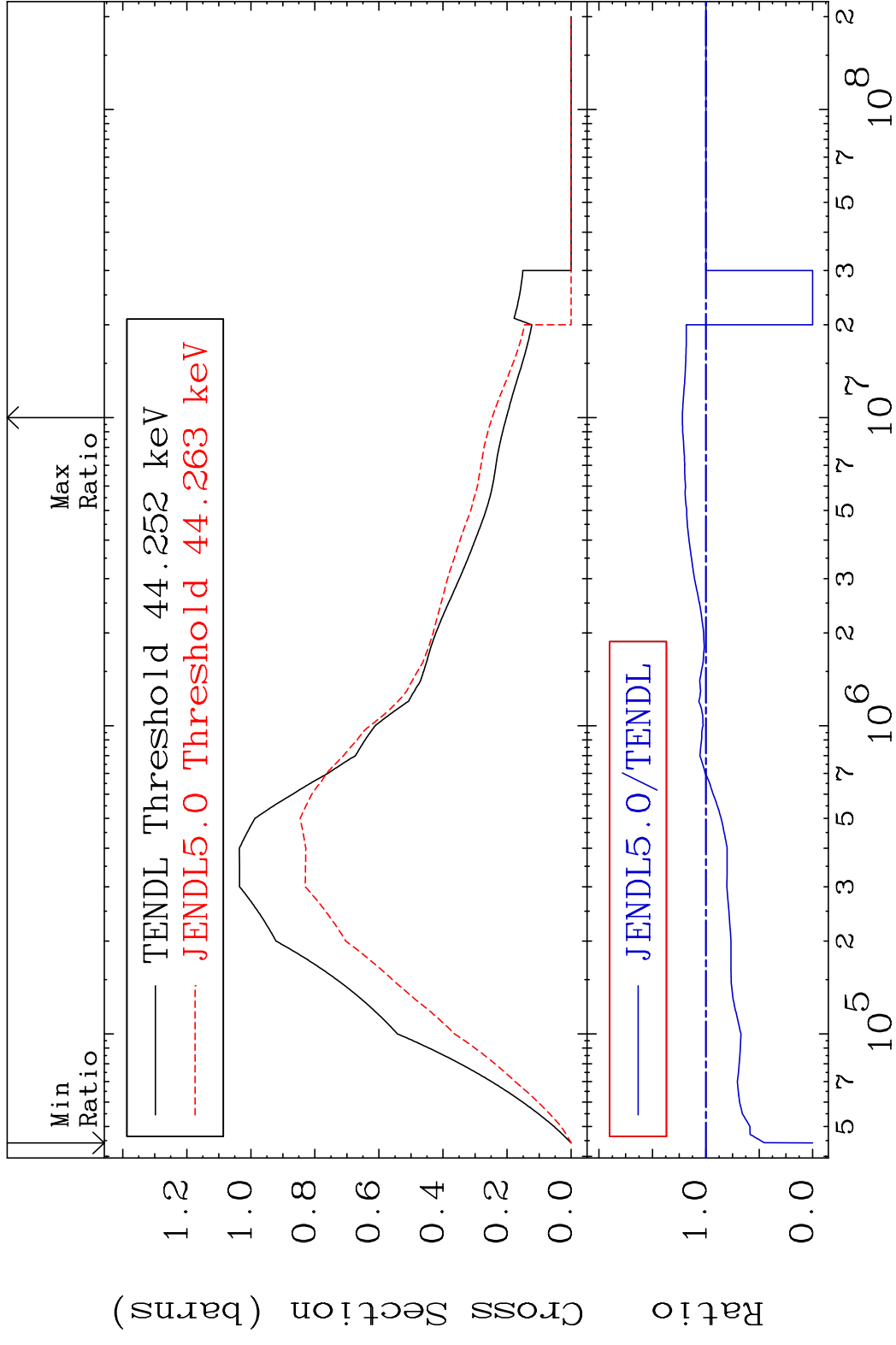


7

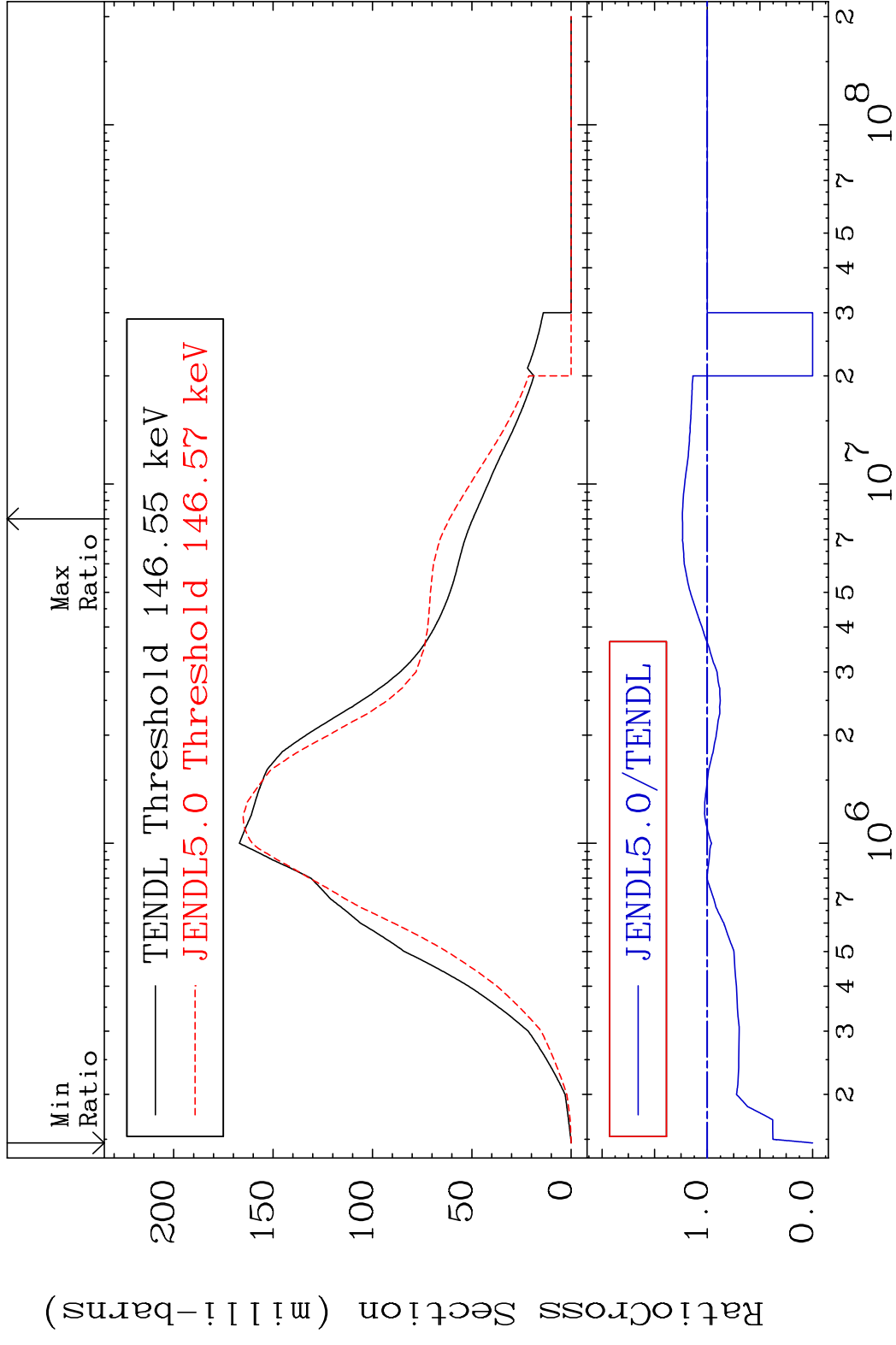
Incident Energy (eV)

94-Pu-238

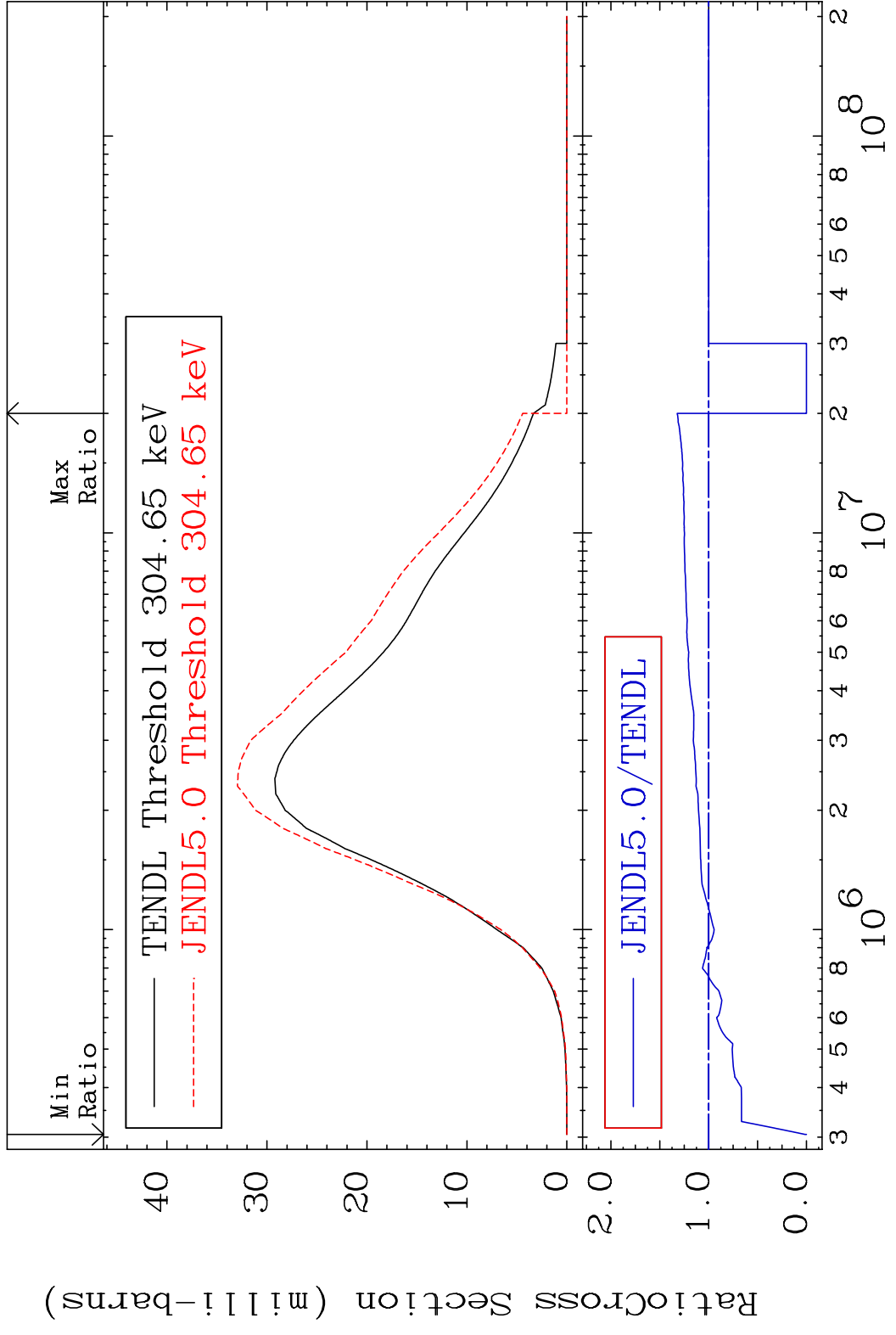
MAT 9434 MT= 51 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 21.95 %



MAT 9434 MT= 52 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 23.70 %

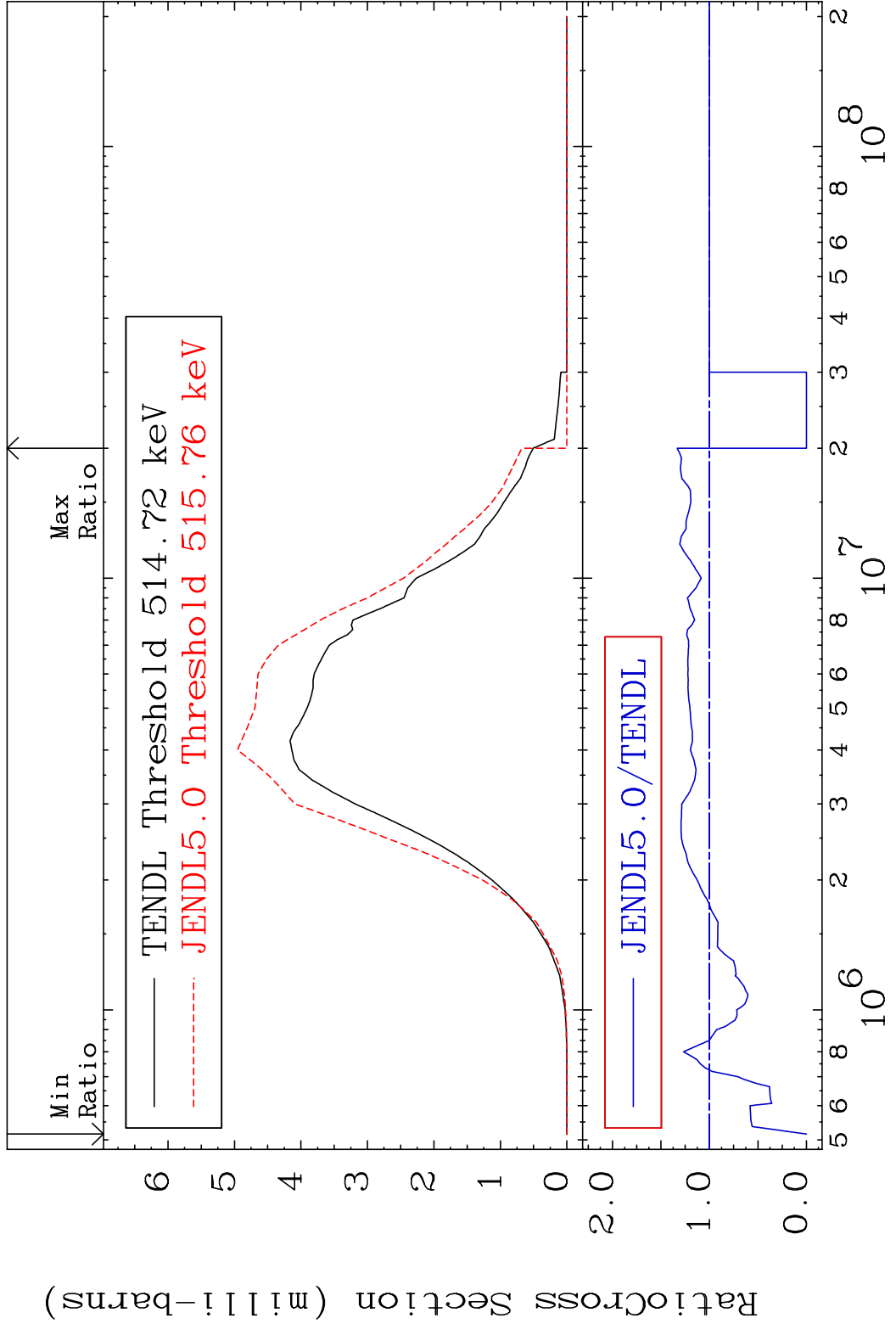


MAT 9434 MT= 53 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 32.23 %

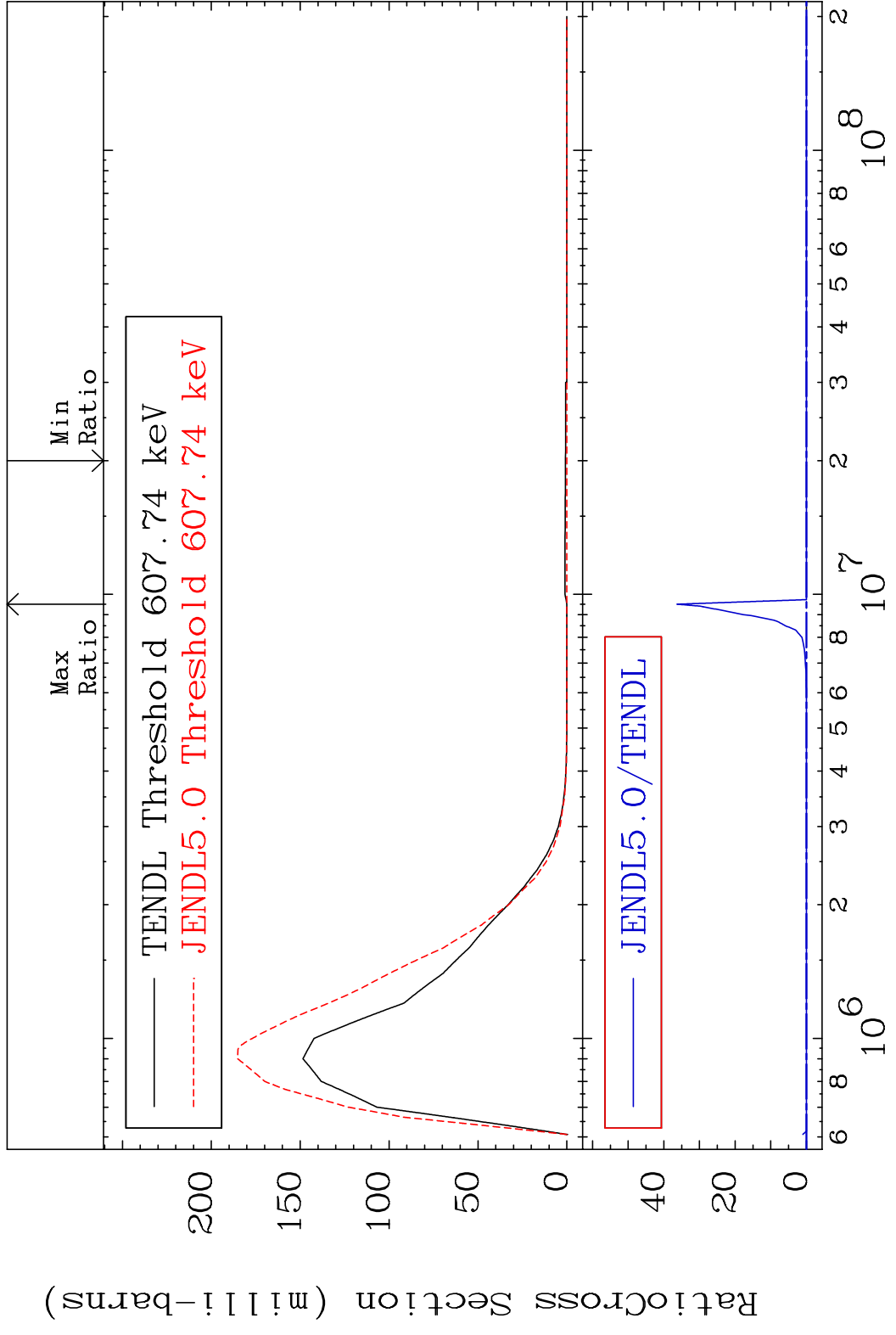


10 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 54 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 33.27 %

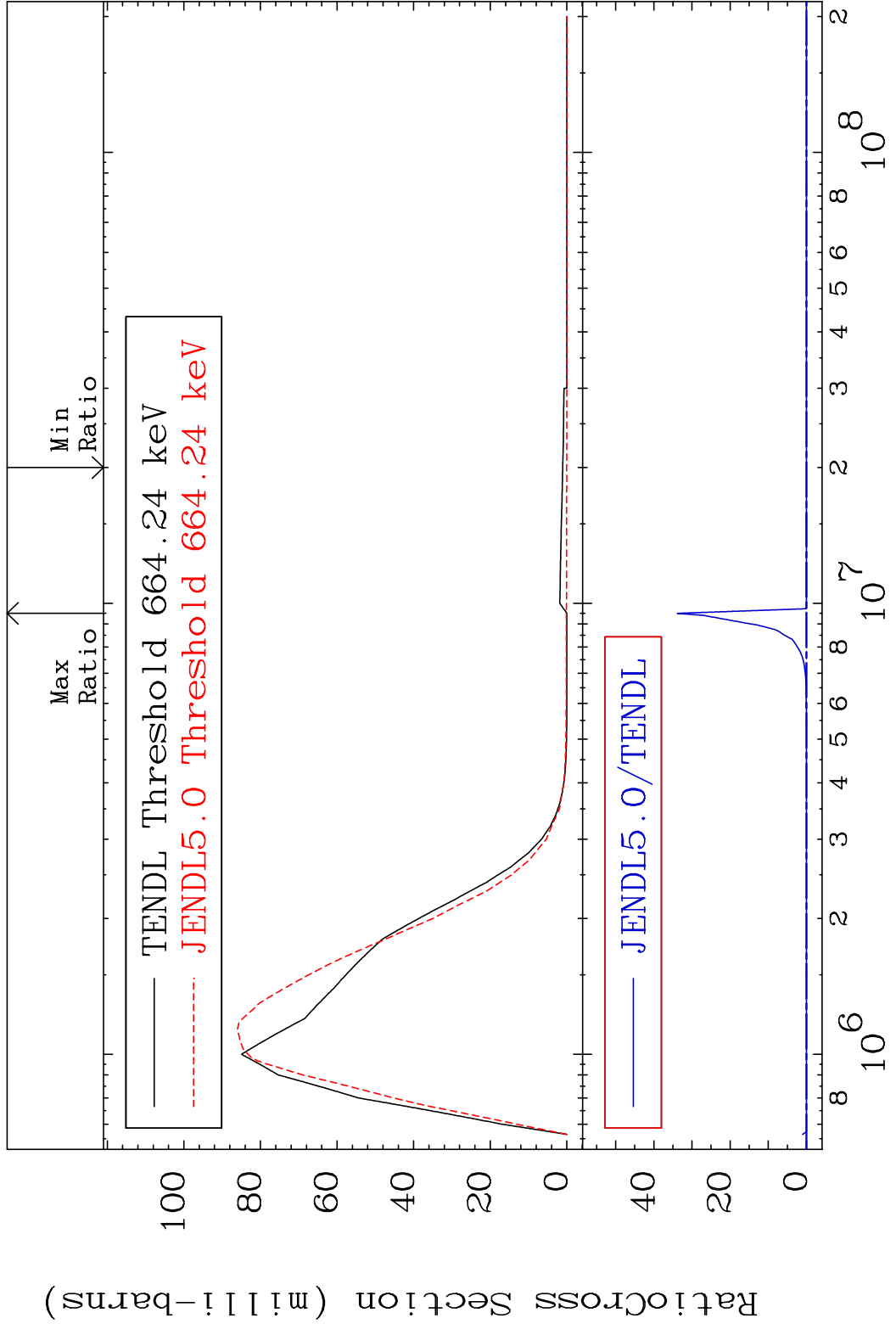


MAT 9434 MT= 55 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



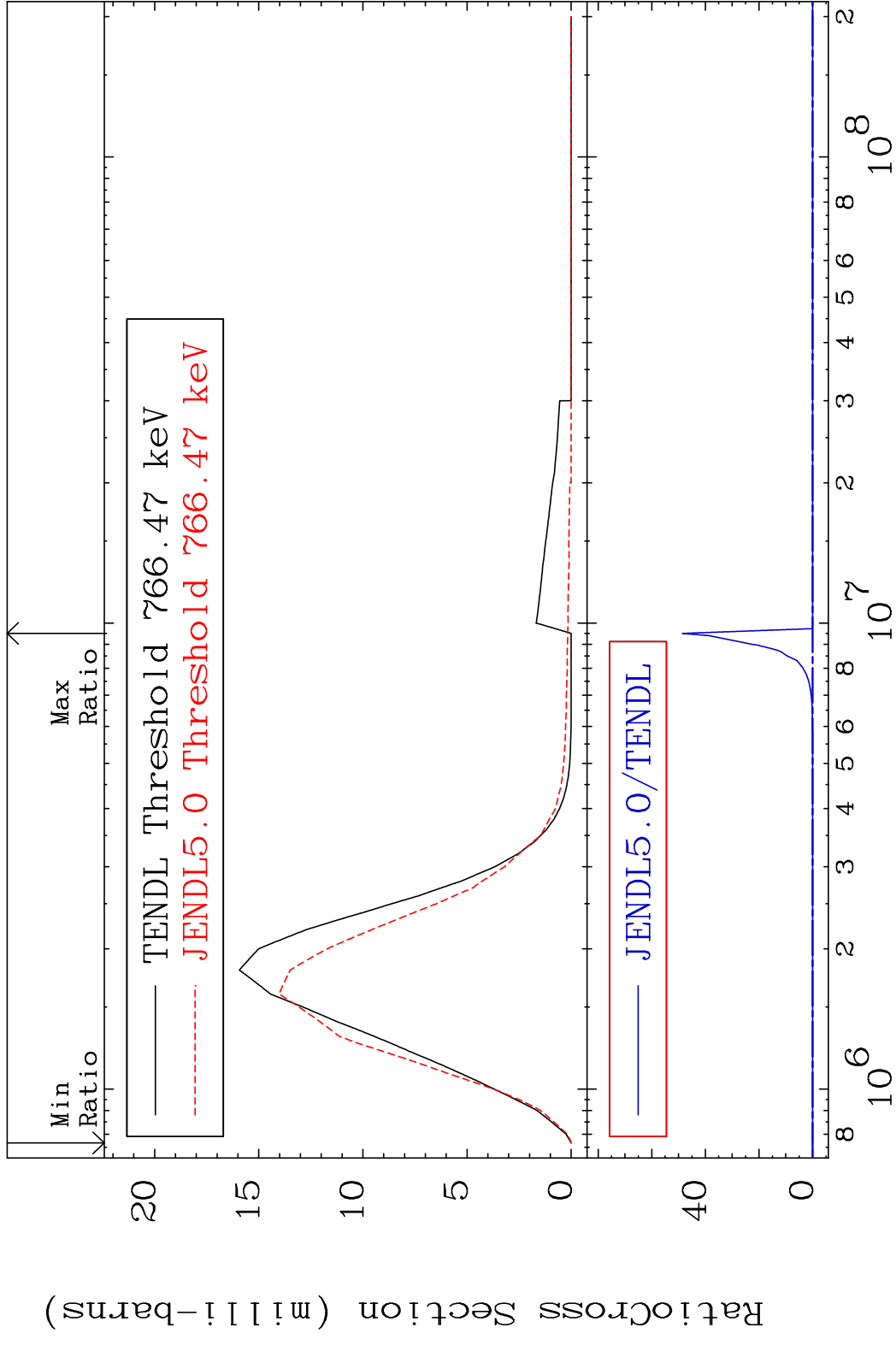
12 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 56 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



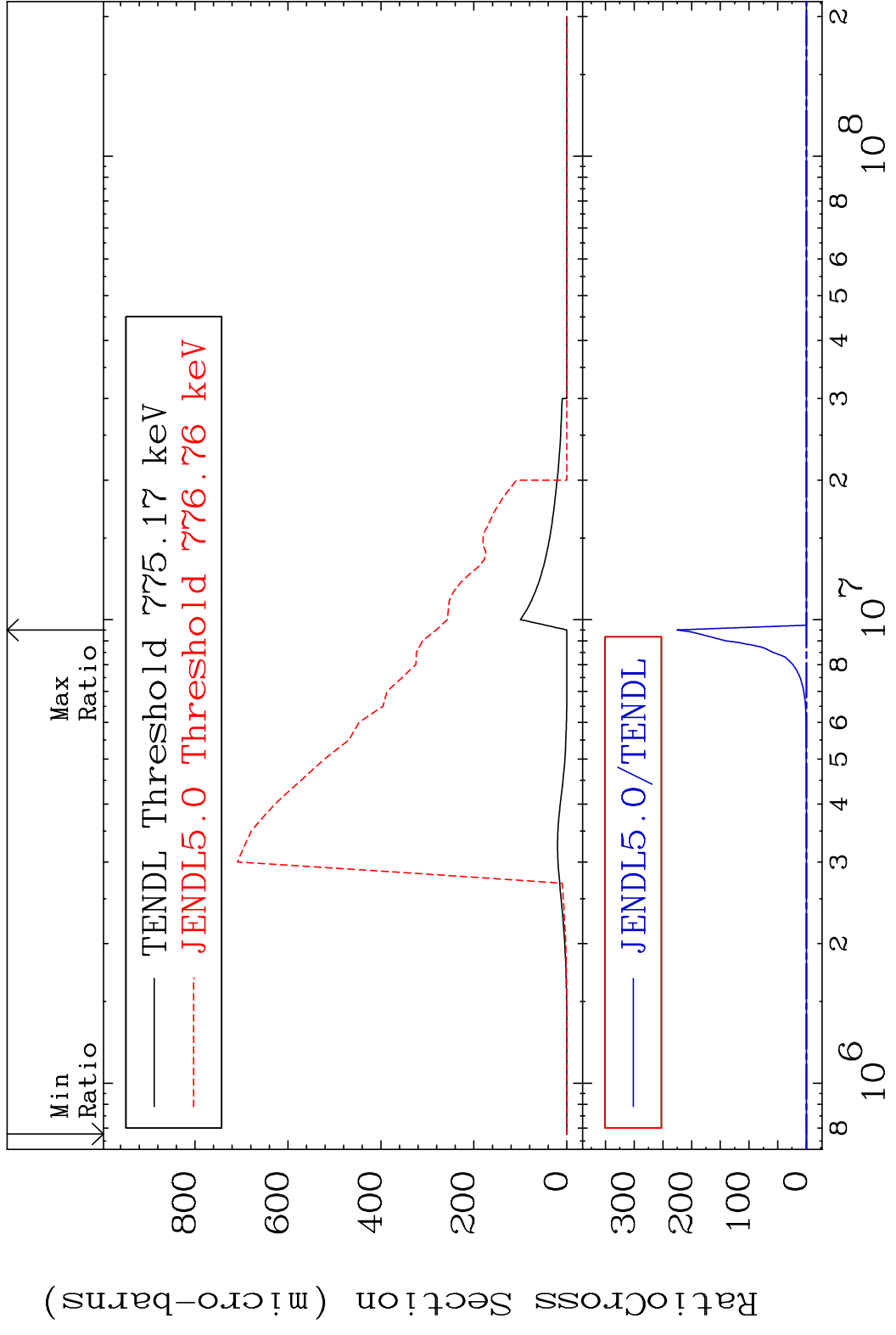
13 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 57 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %

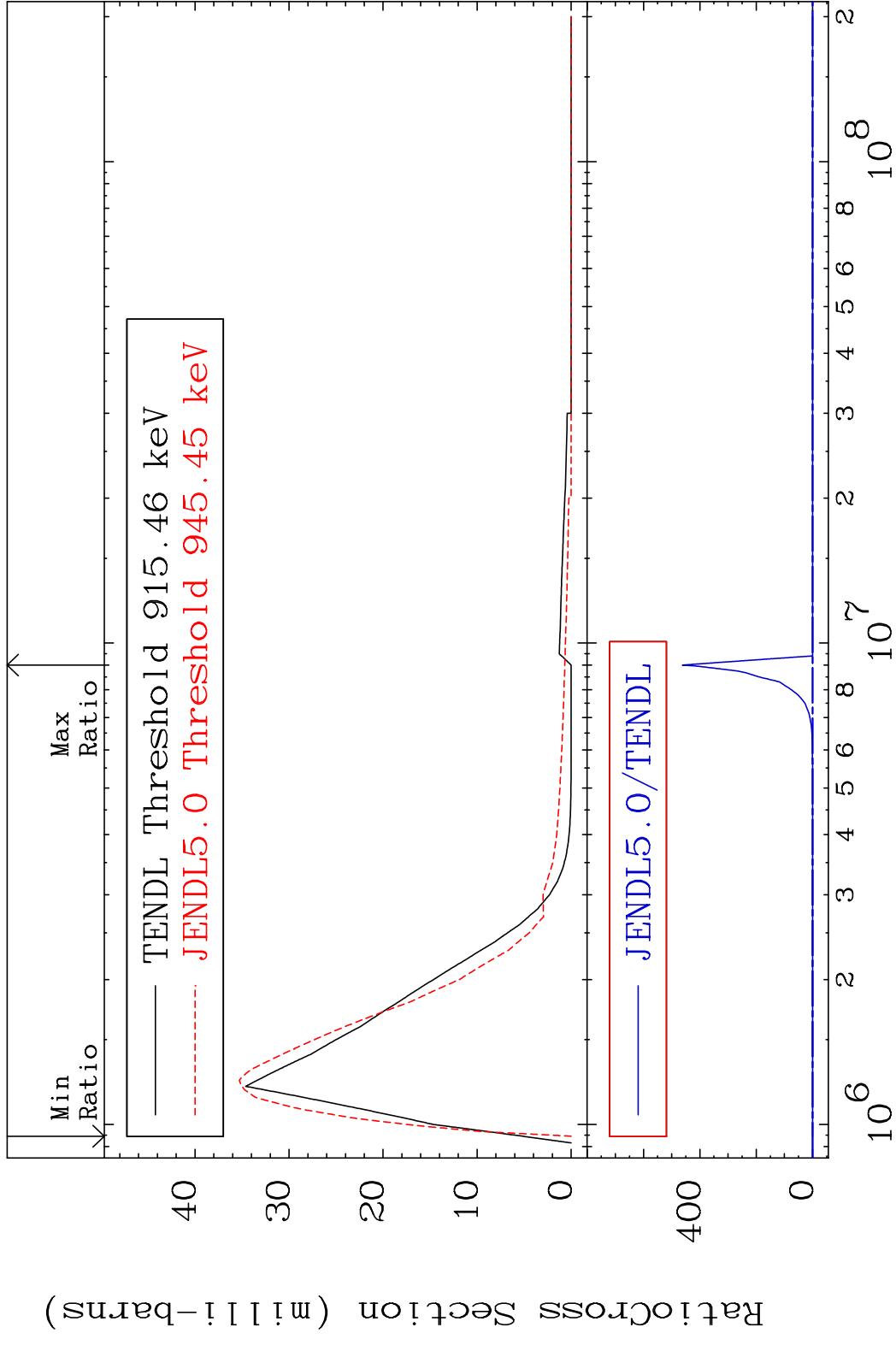


14 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 58 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %

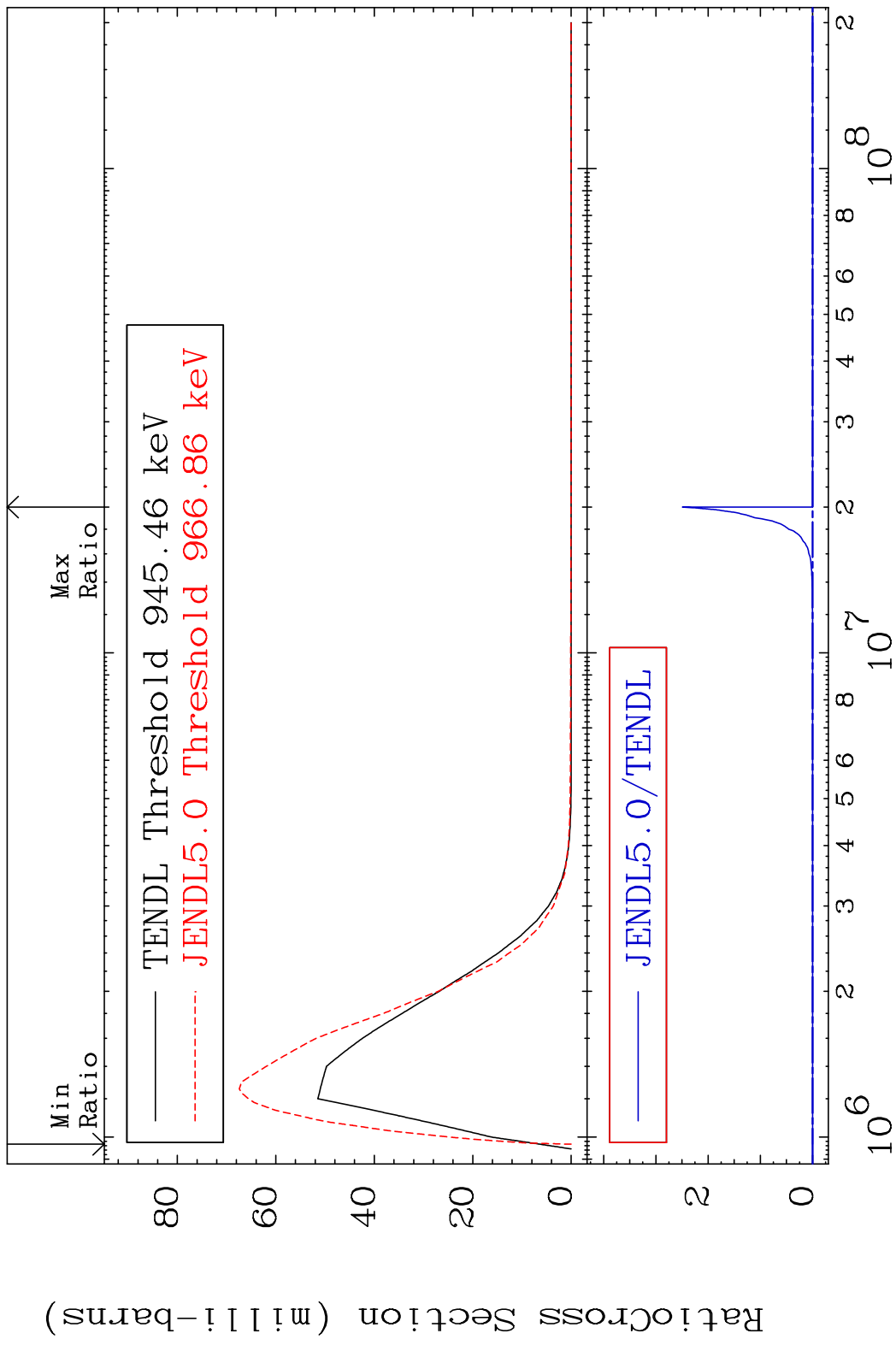


MAT 9434 MT= 59 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



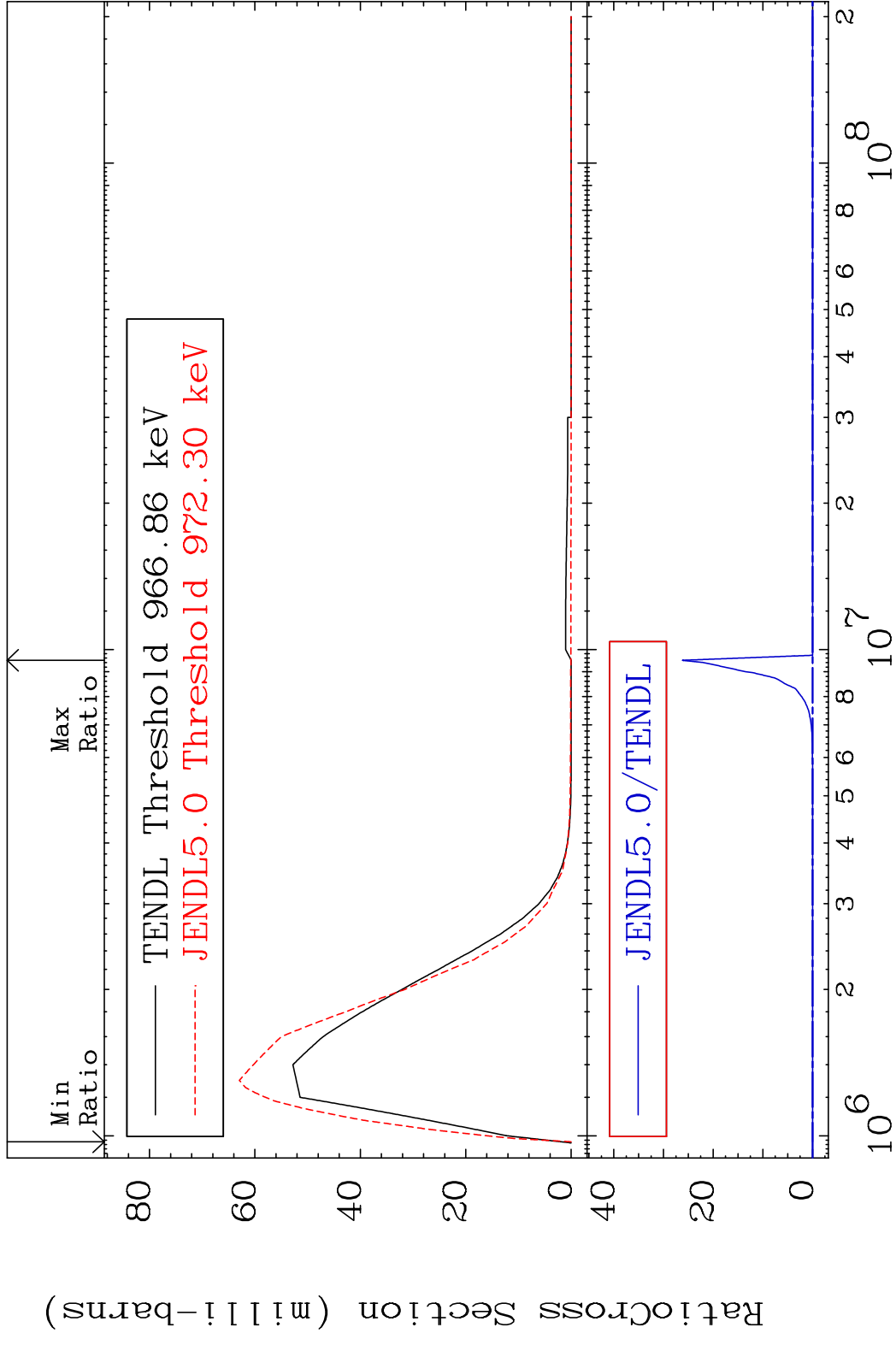
16 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 60 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



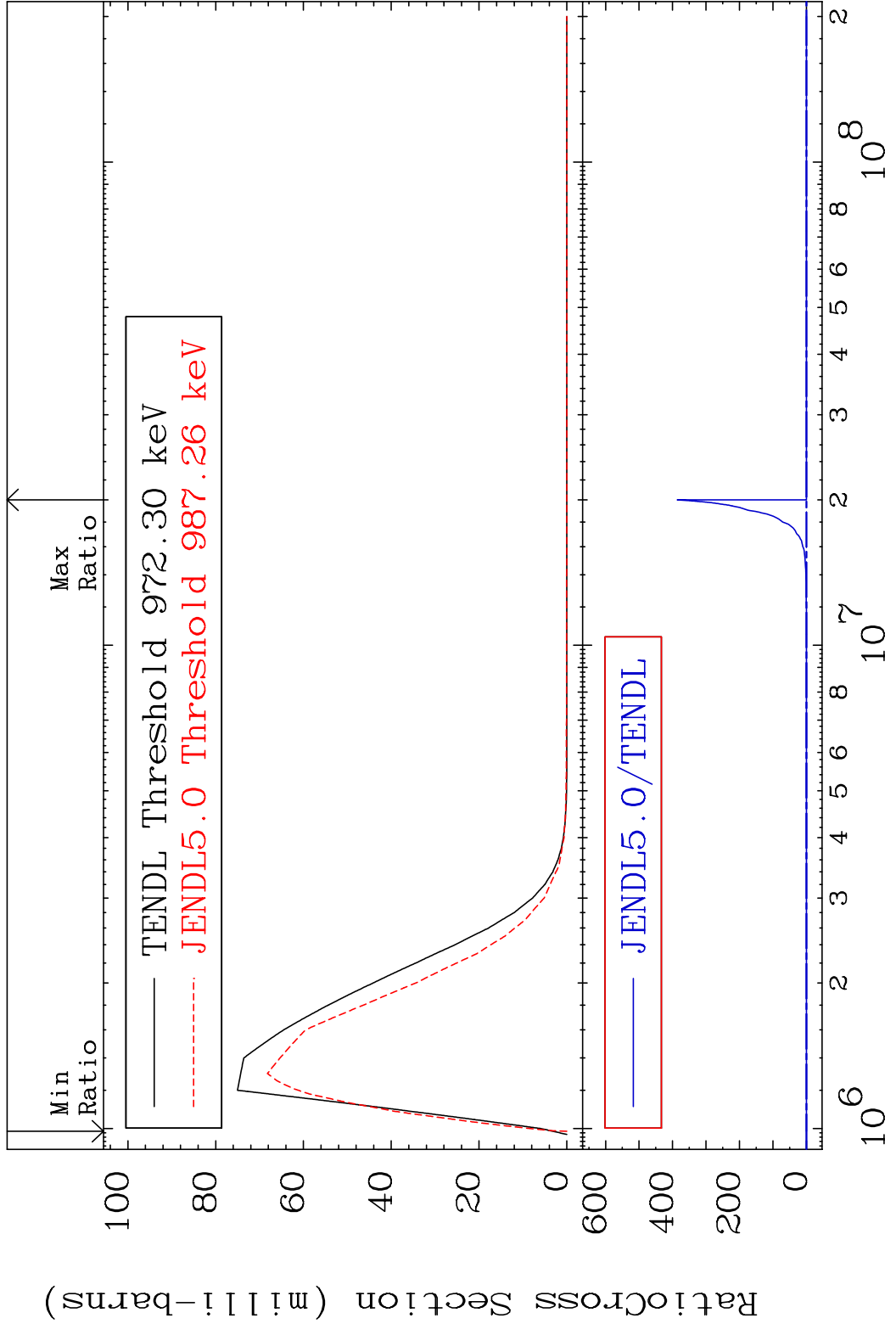
17 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 61 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



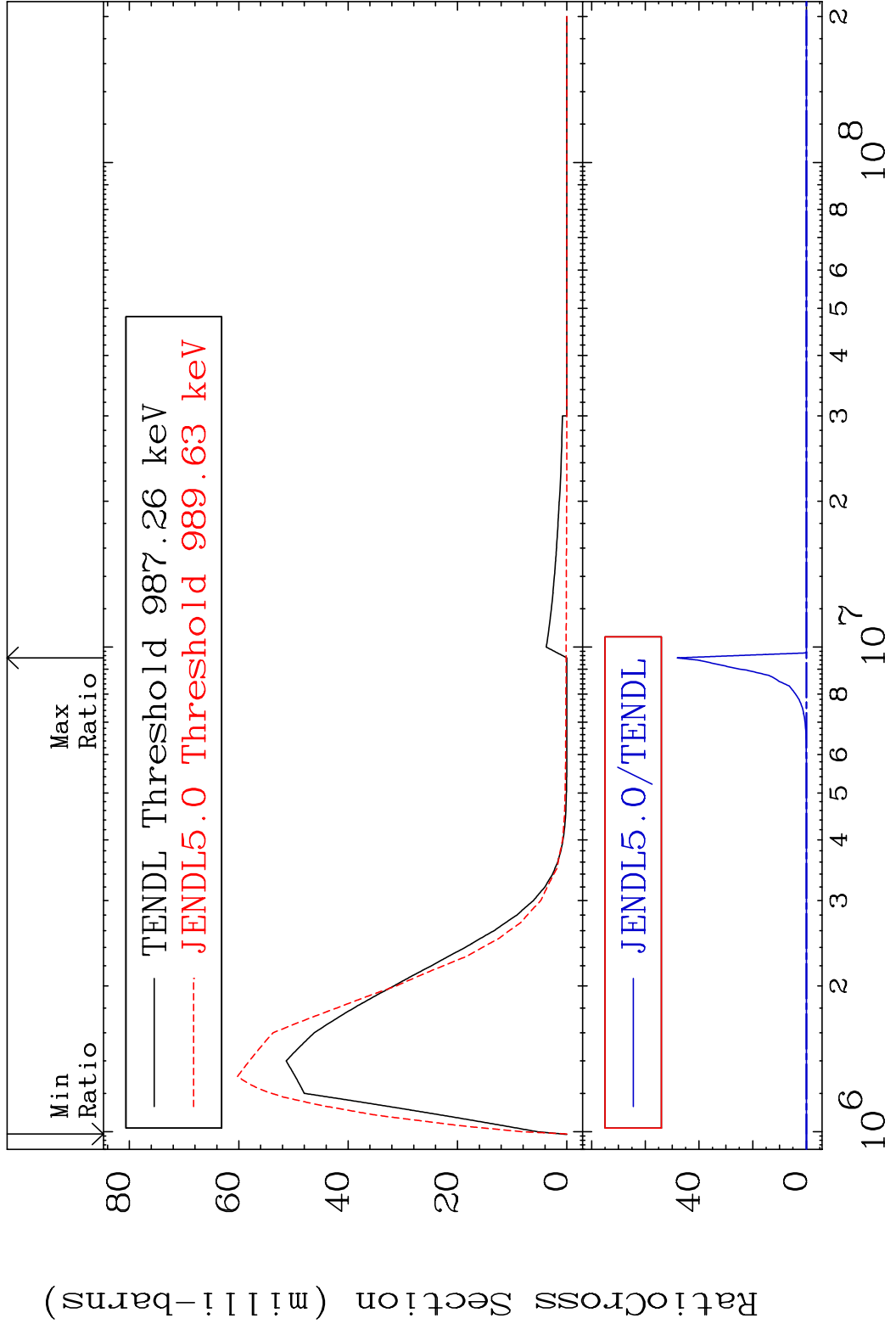
18 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 62 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %

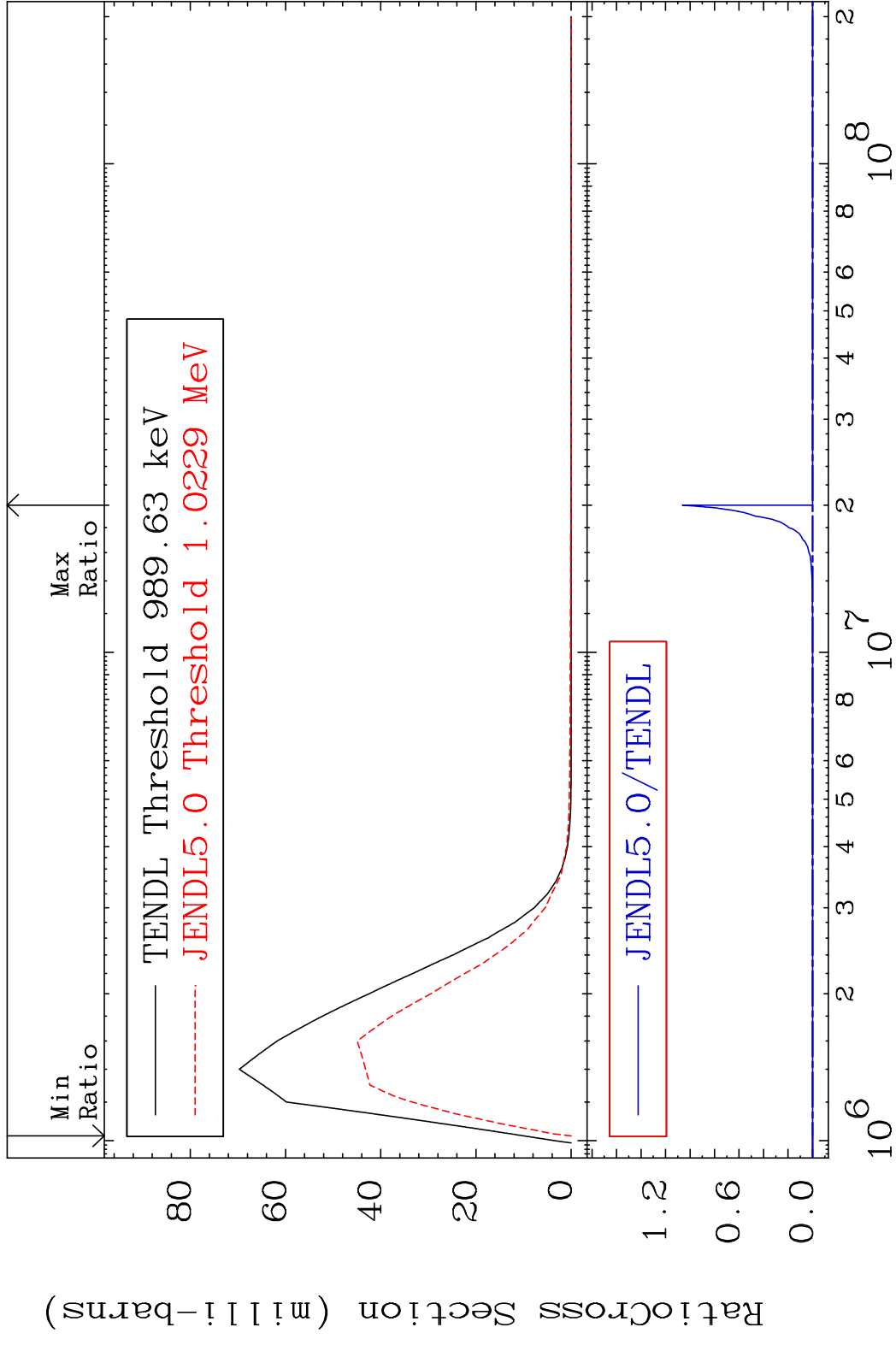


19 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 63 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %

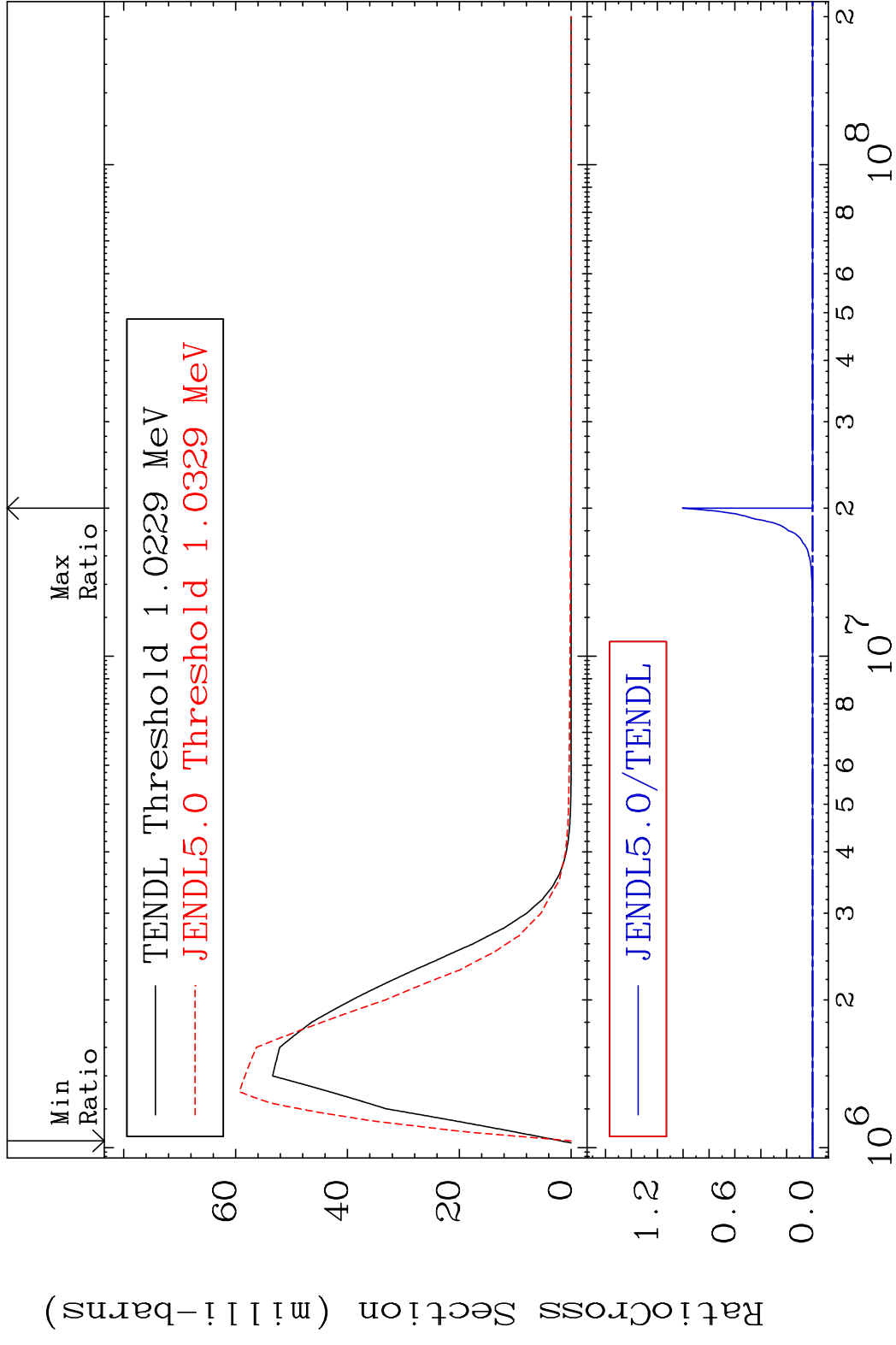


MAT 9434 MT= 64 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %

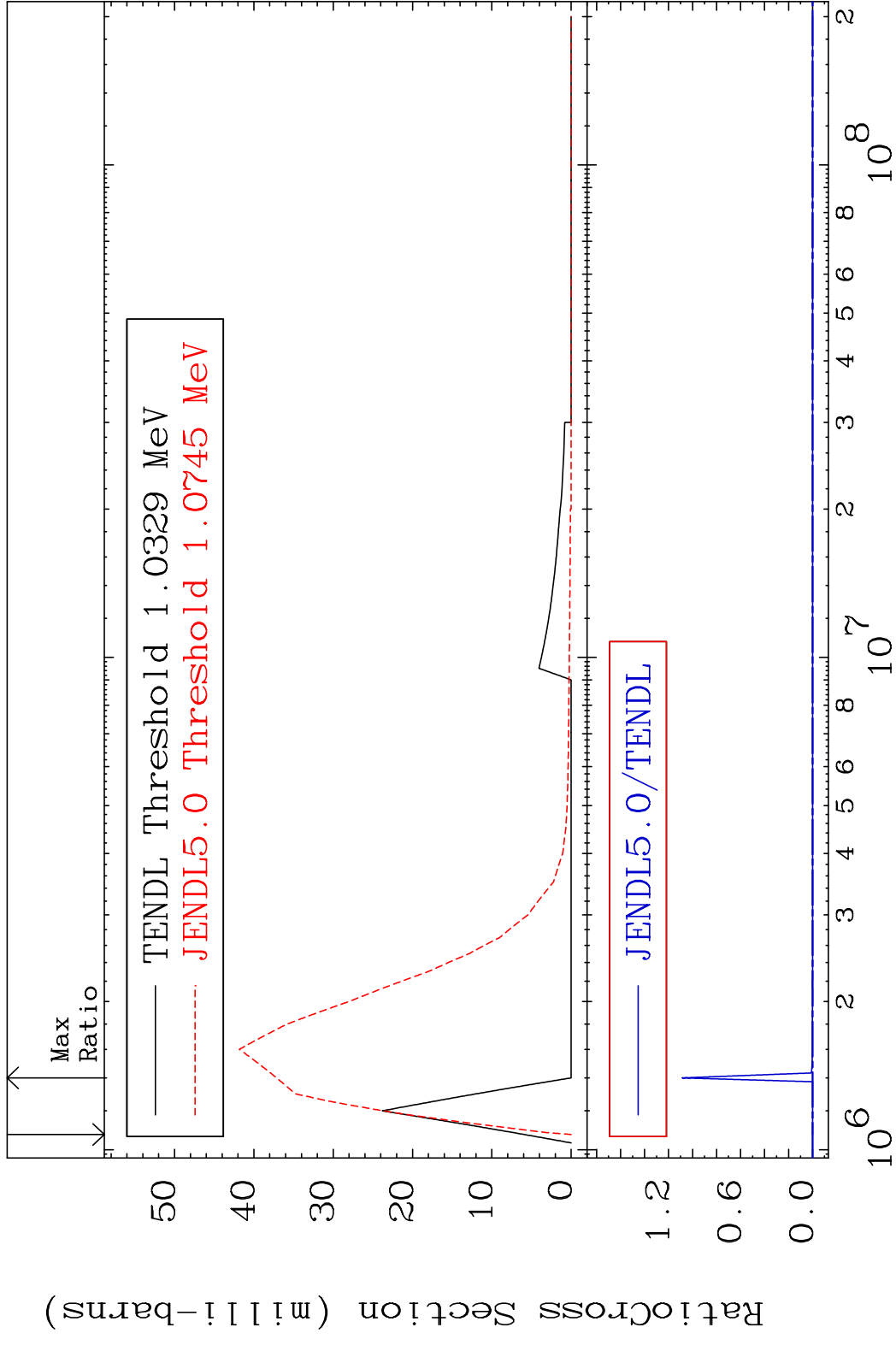


21 Incident Energy (eV) 94-Pu-238

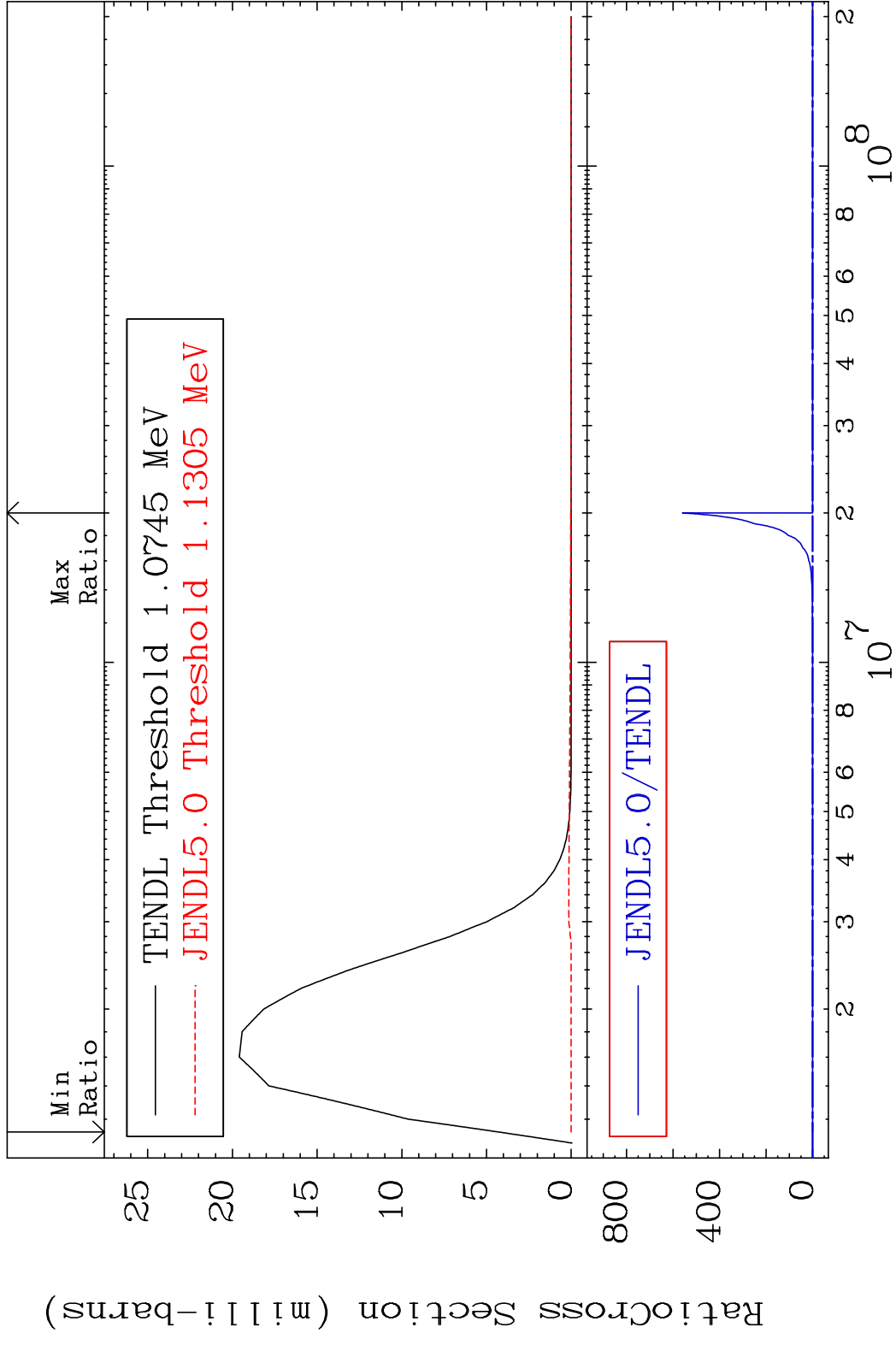
MAT 9434 MT= 65 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



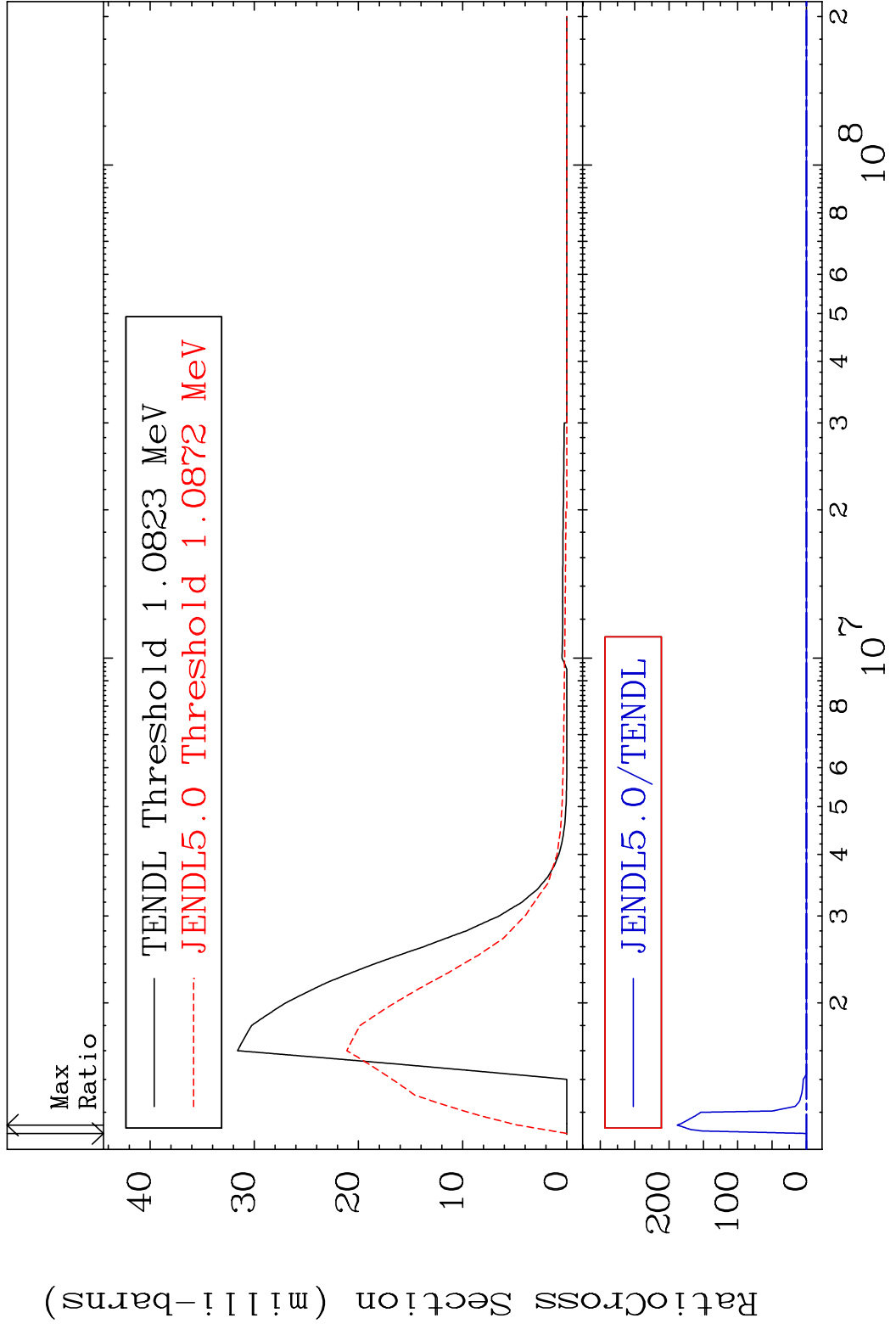
MAT 9434 MT= 66 (n,n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



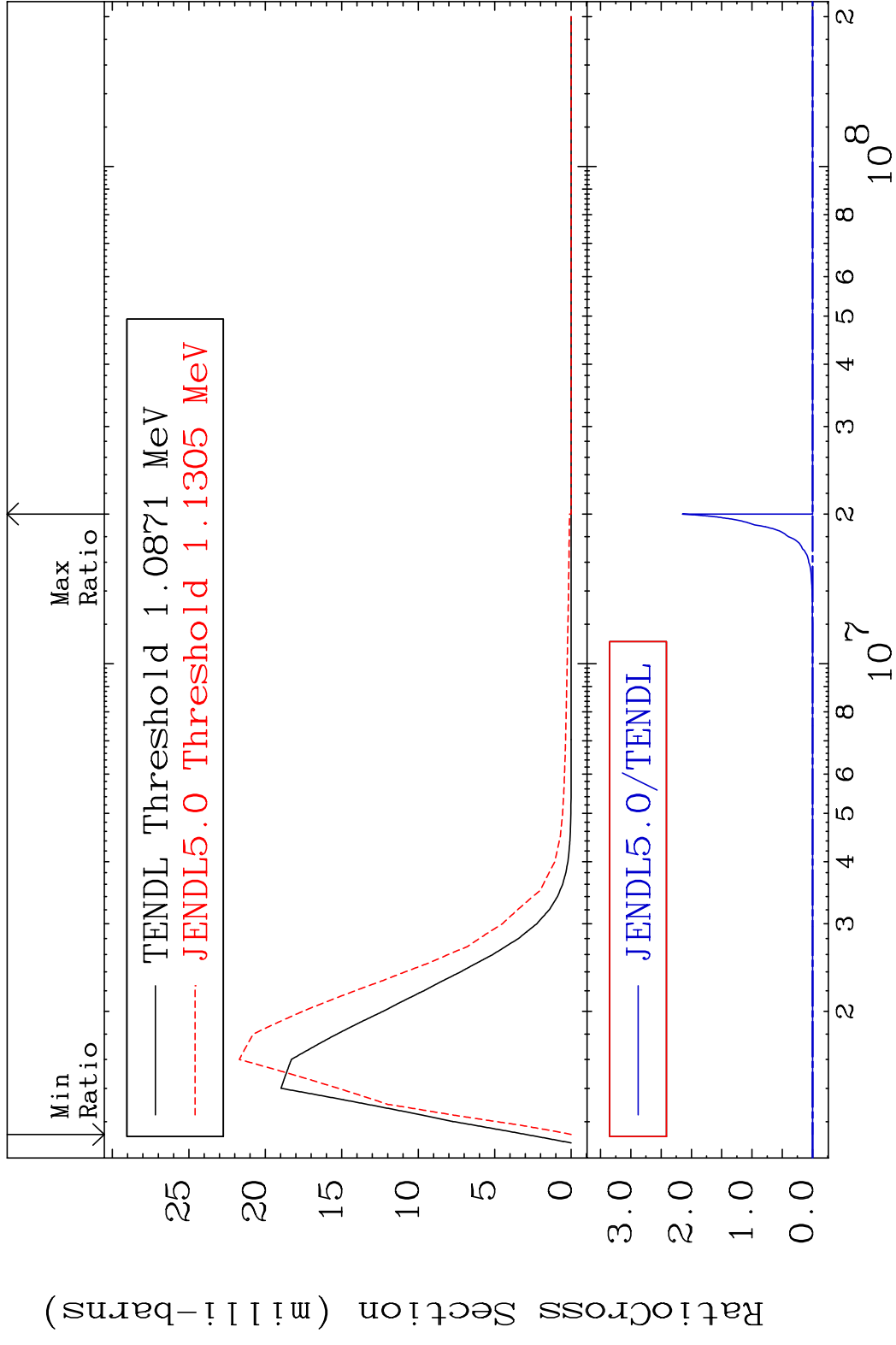
MAT 9434 MT= 67 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



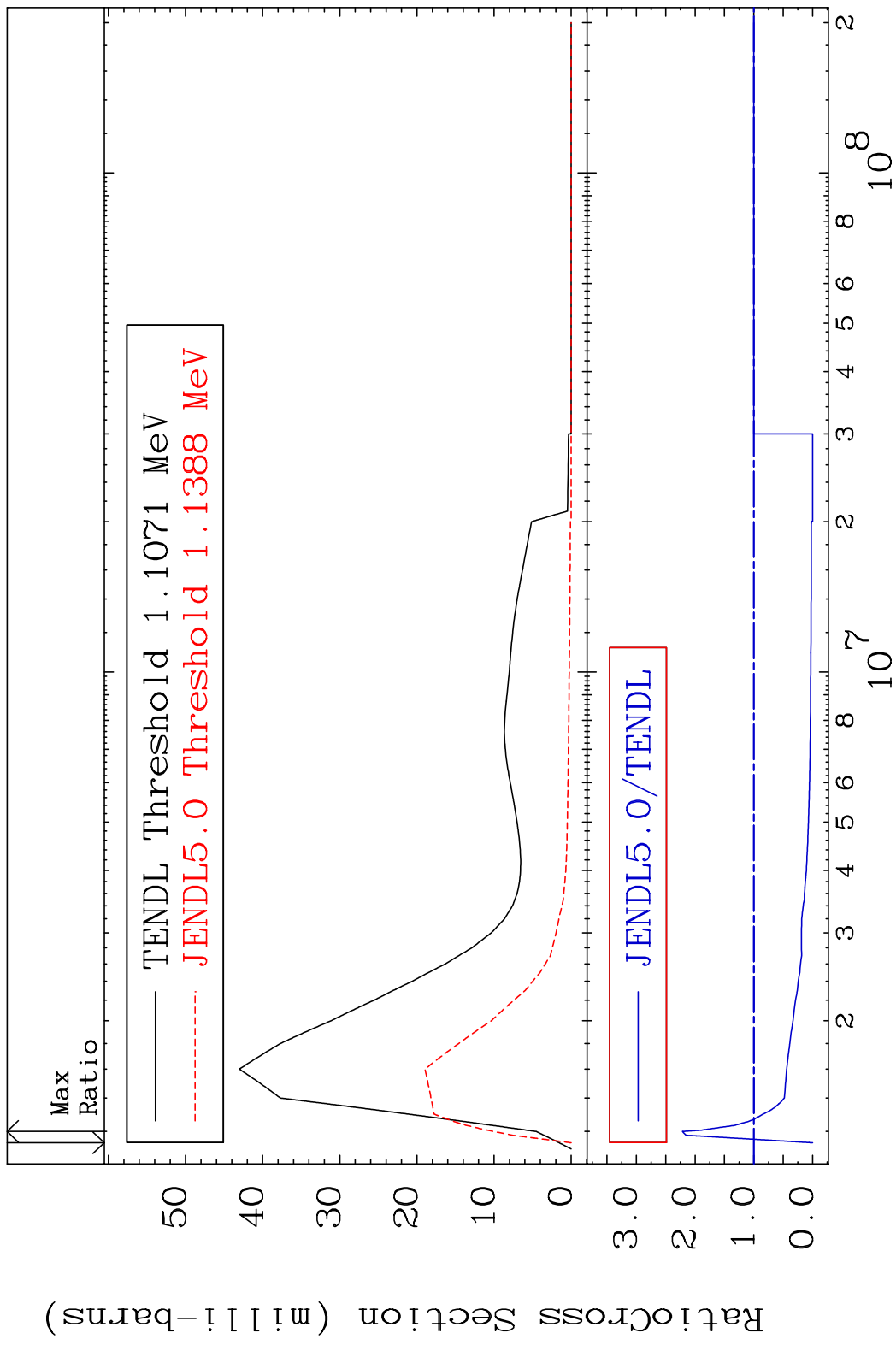
MAT 9434 MT= 68 (n,n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



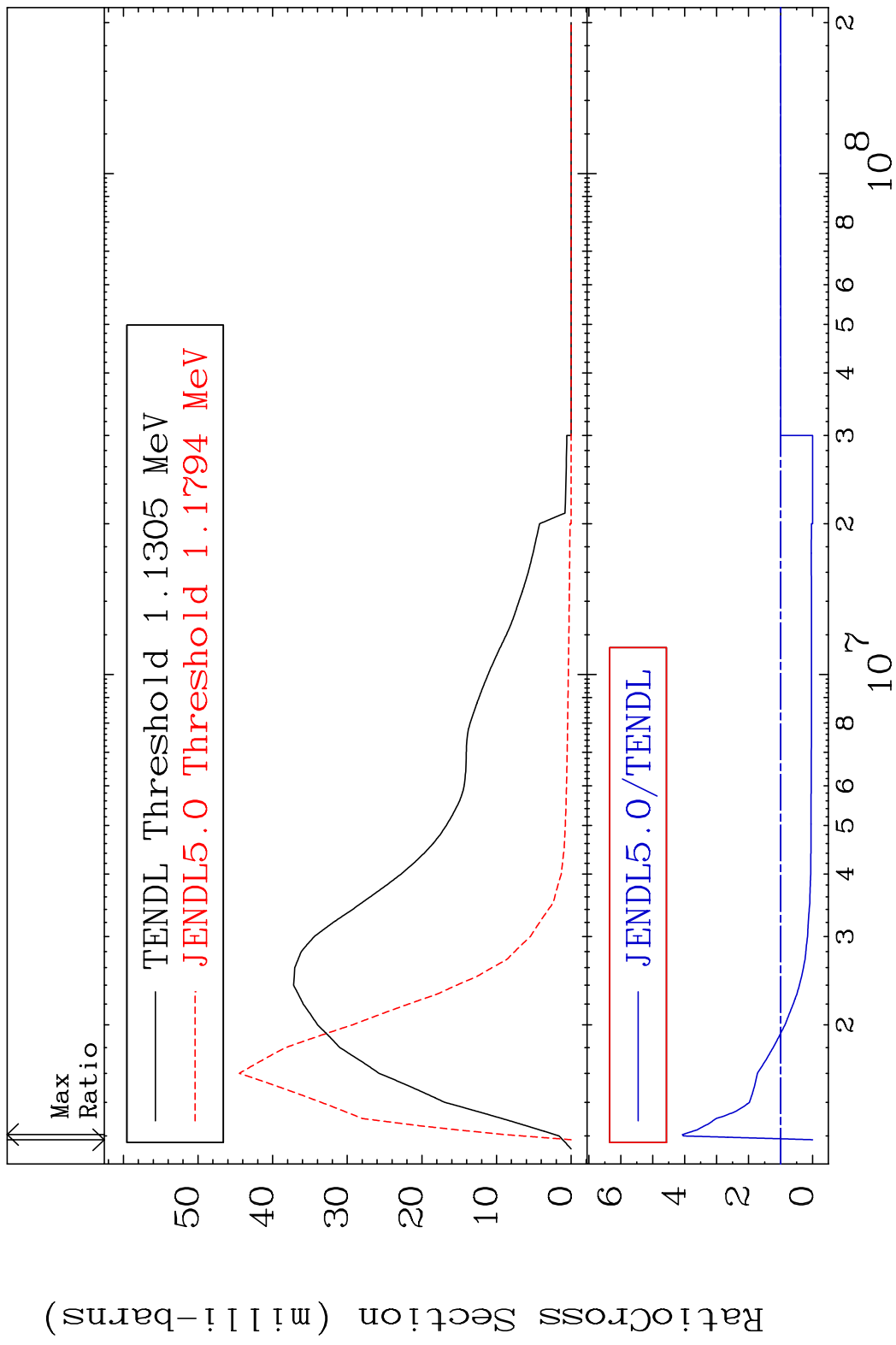
MAT 9434 MT= 69 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



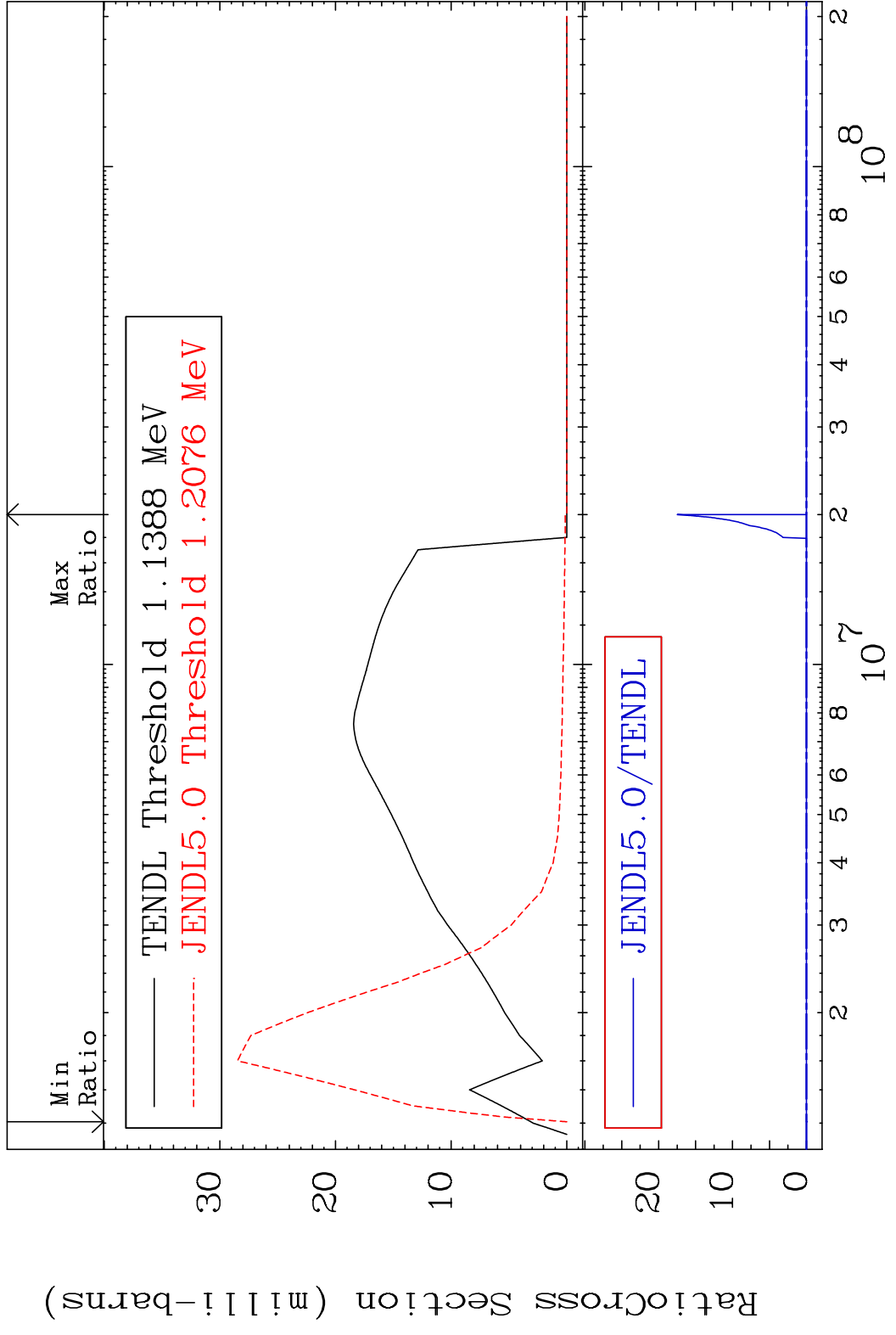
MAT 9434 MT= 70 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 121.7 %



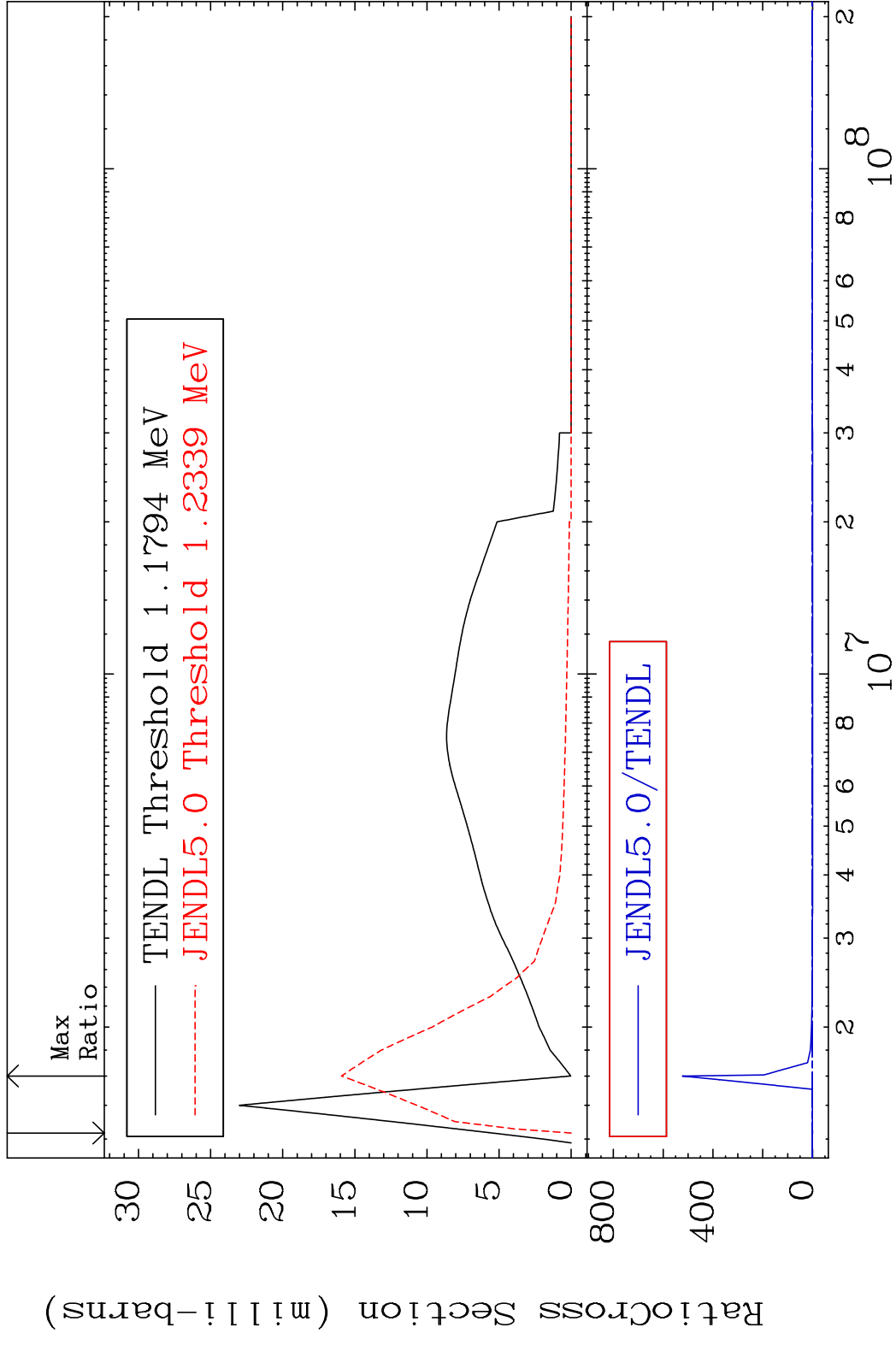
MAT 9434 MT= 71 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 307.3 %



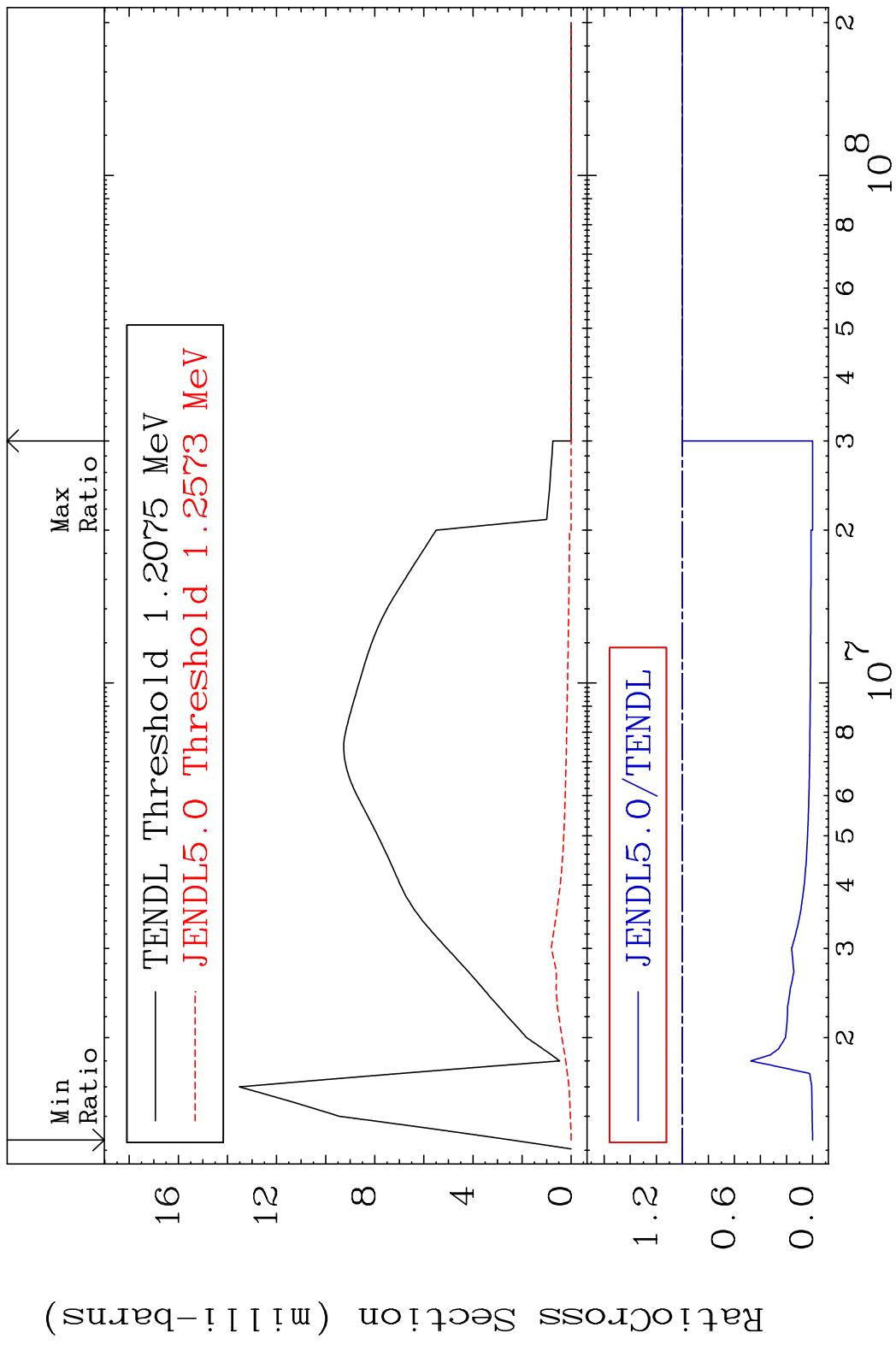
MAT 9434 MT= 72 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



MAT 9434 MT= 73 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



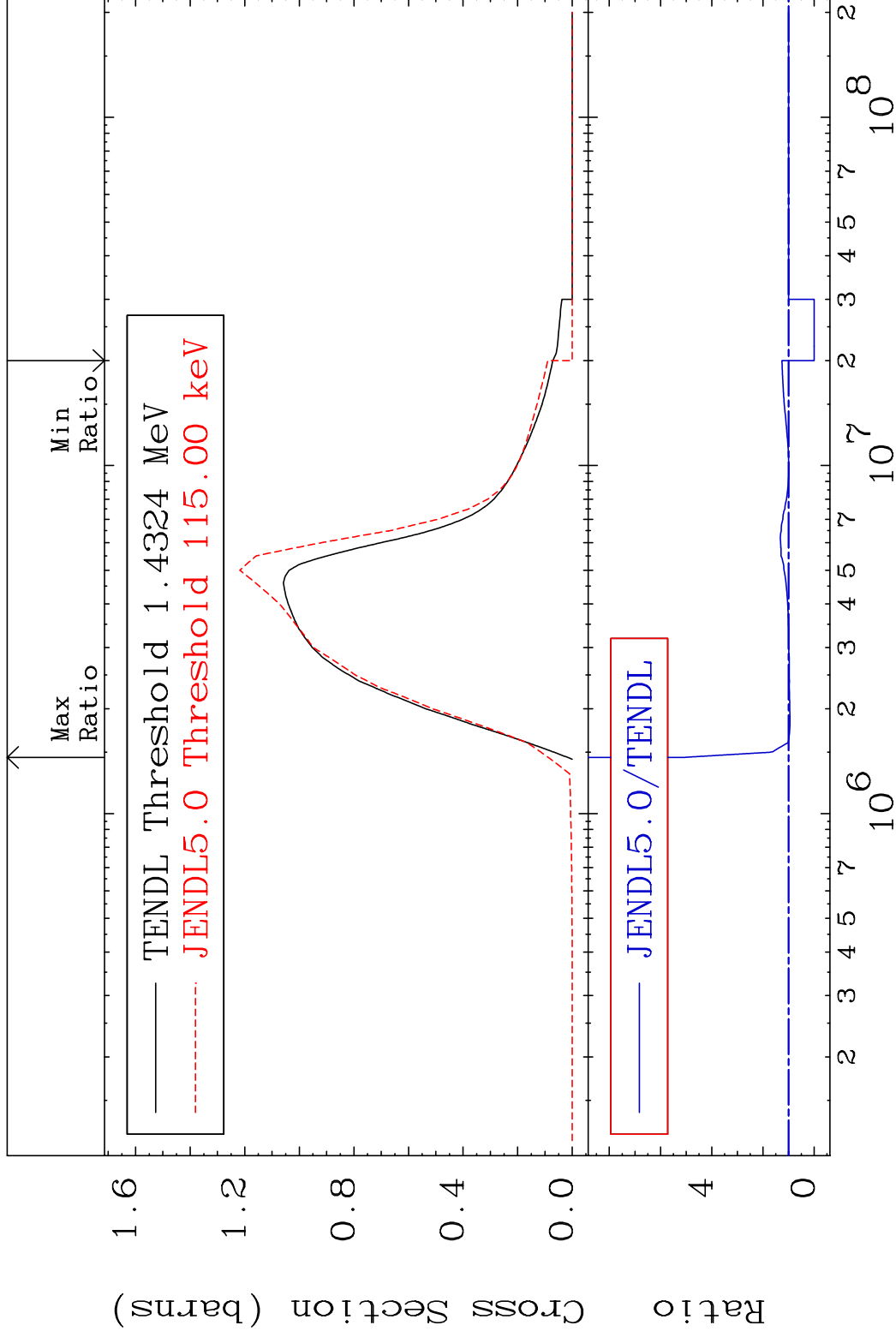
MAT 9434 MT= 74 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 0.000 %



MAT 9434

(n, n') Continuum  
Cross Section -100.0 To 409.6 %

94-Pu-238



32

Incident Energy (eV)

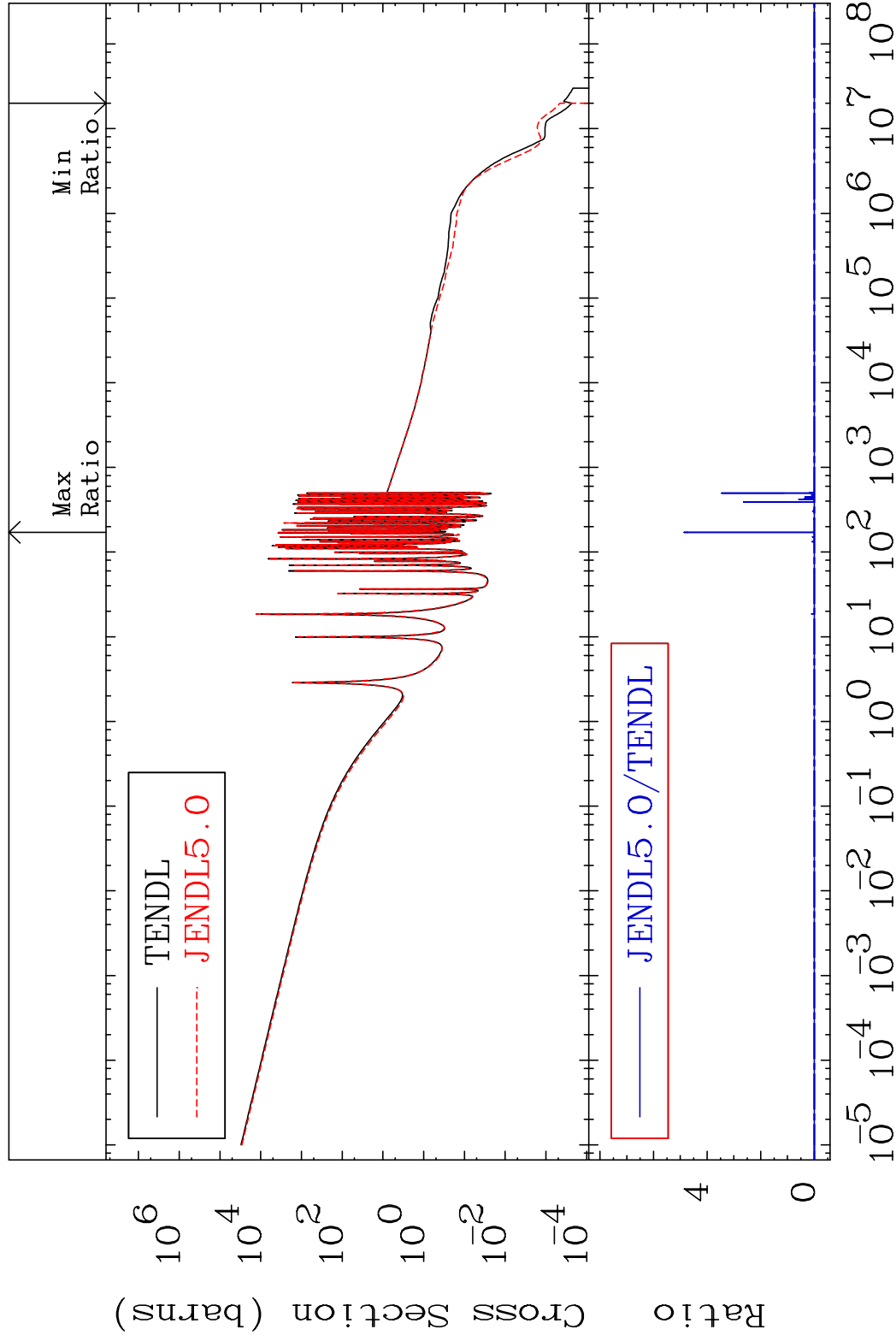
94-Pu-238

MAT 9434

(n,  $\gamma$ )

94-Pu-238

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

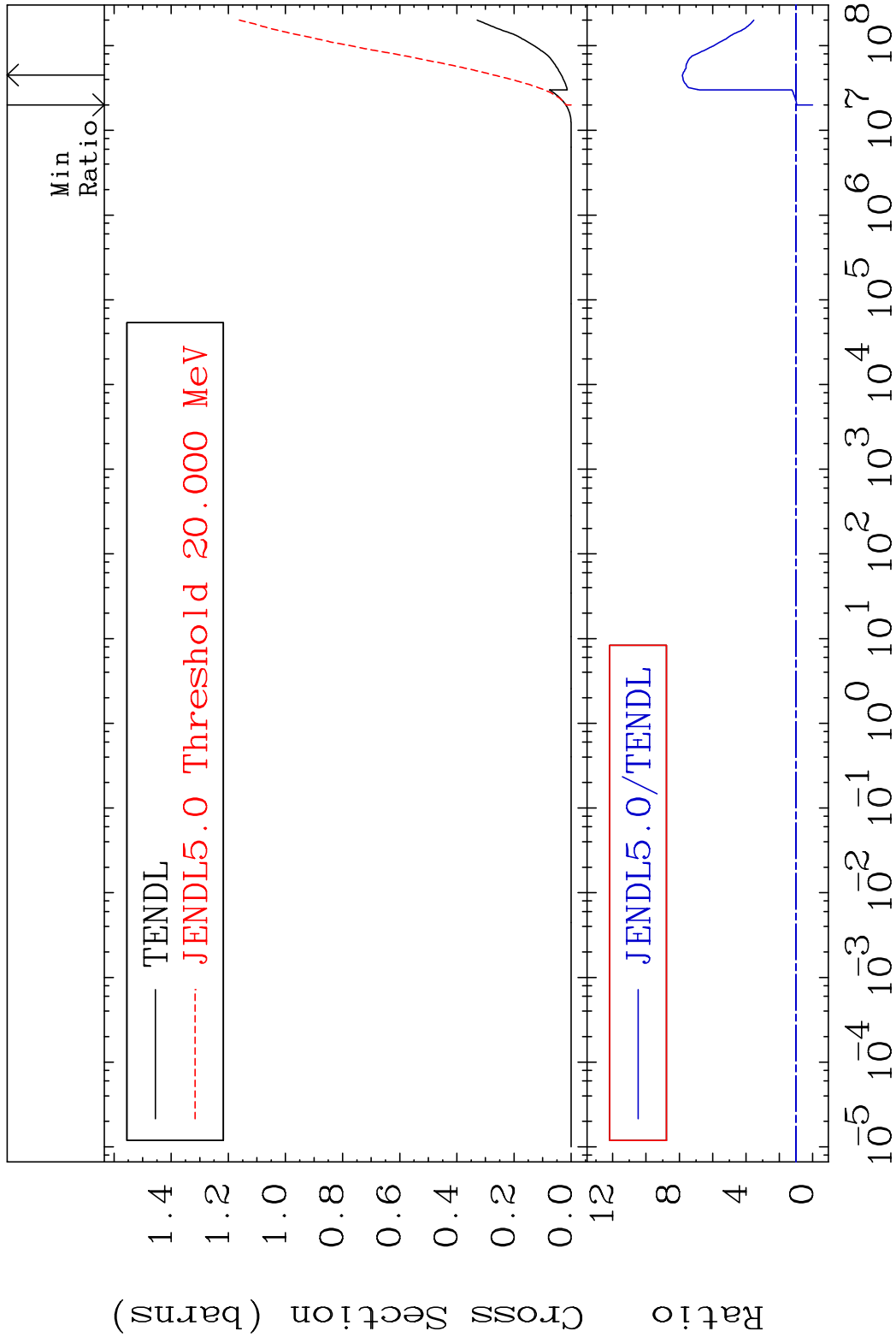
94-Pu-238

MAT 9434

Hydrogen Production

94-Pu-238

Cross Section -100.0 To 681.8 %



34

Incident Energy (eV)

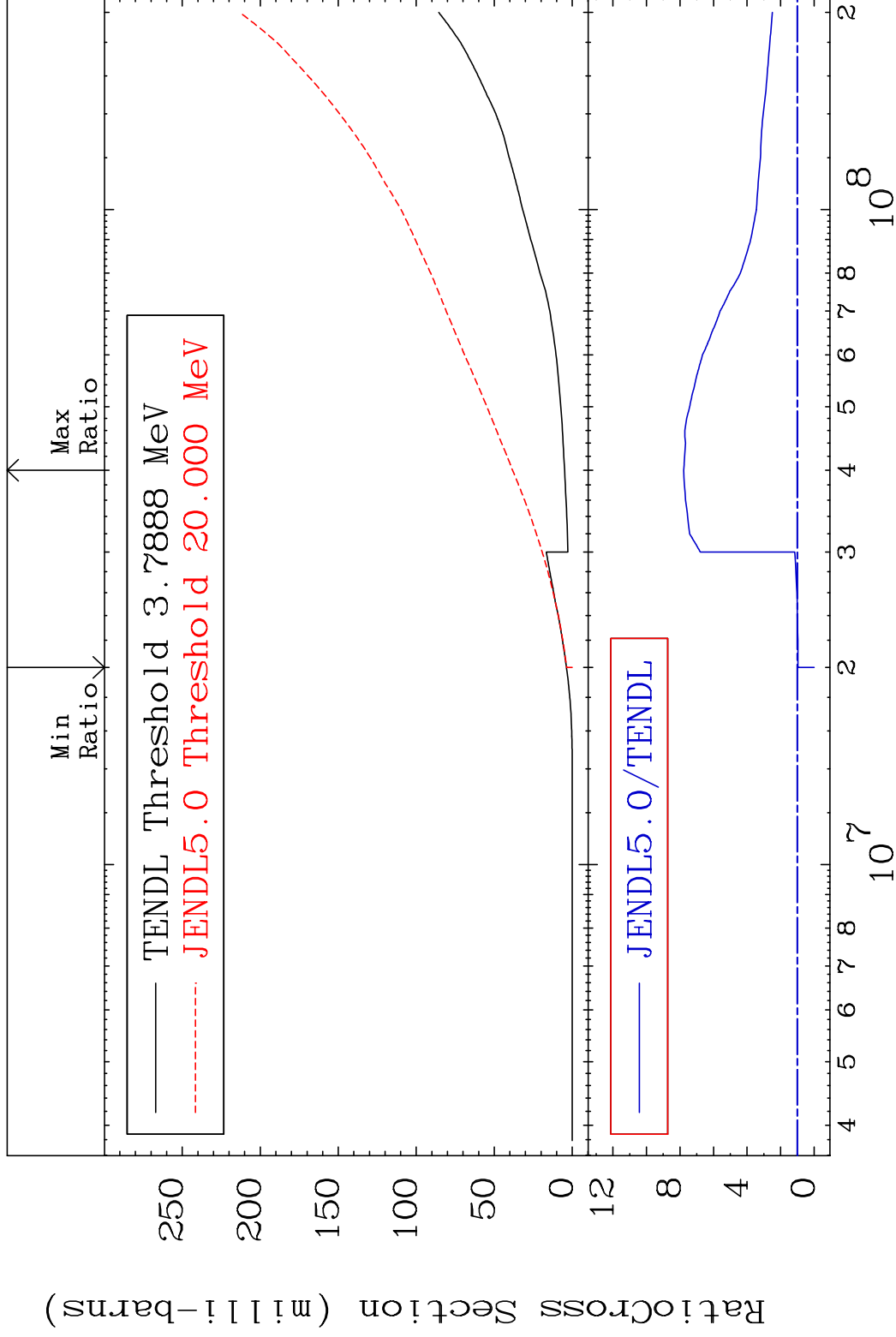
94-Pu-238

MAT 9434

Deuterium Production

<sup>94</sup>Pu-238

Cross Section -100.0 To 678.1 %

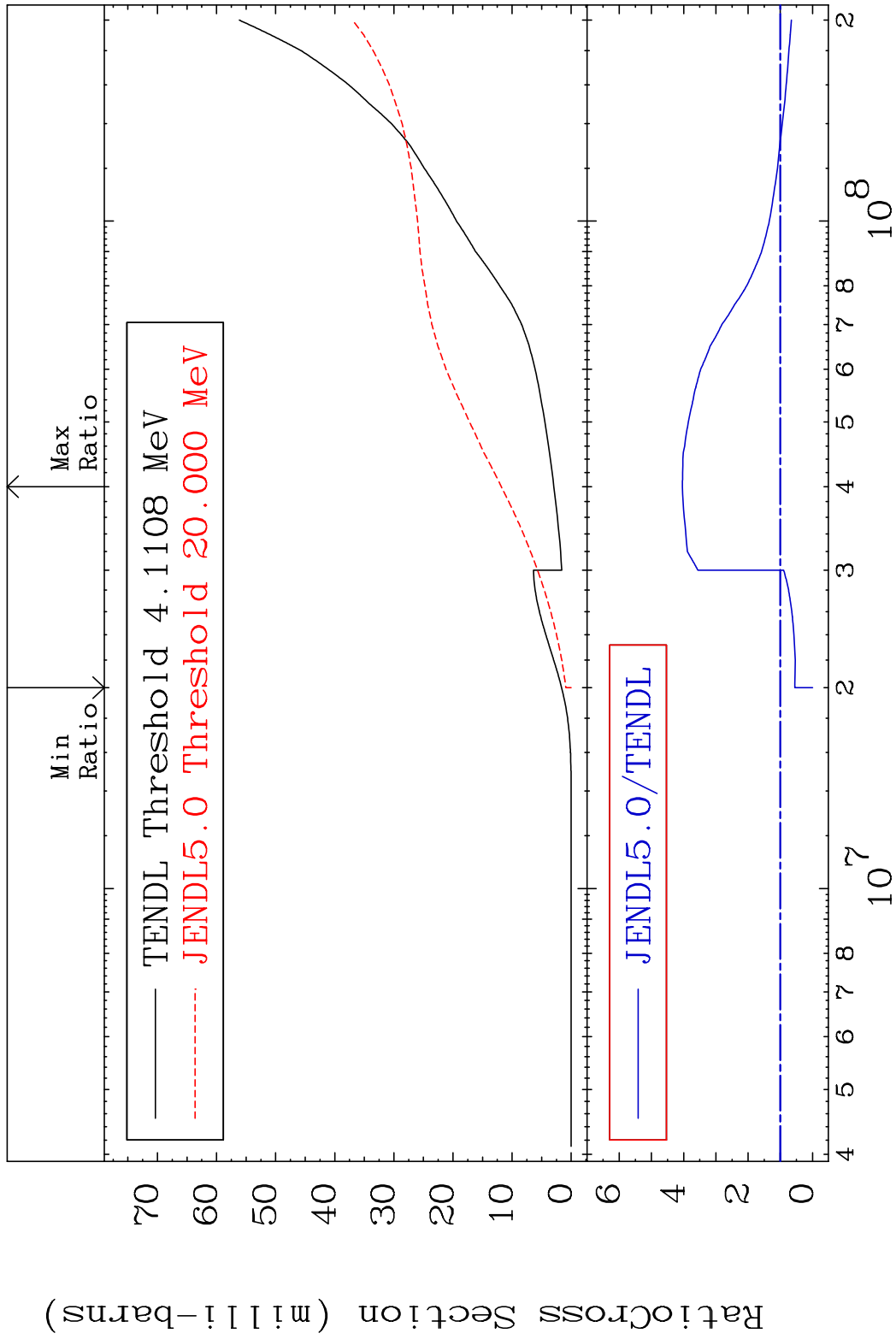


MAT 9434

Tritium Production

94-Pu-238

Cross Section -100.0 To 304.0 %

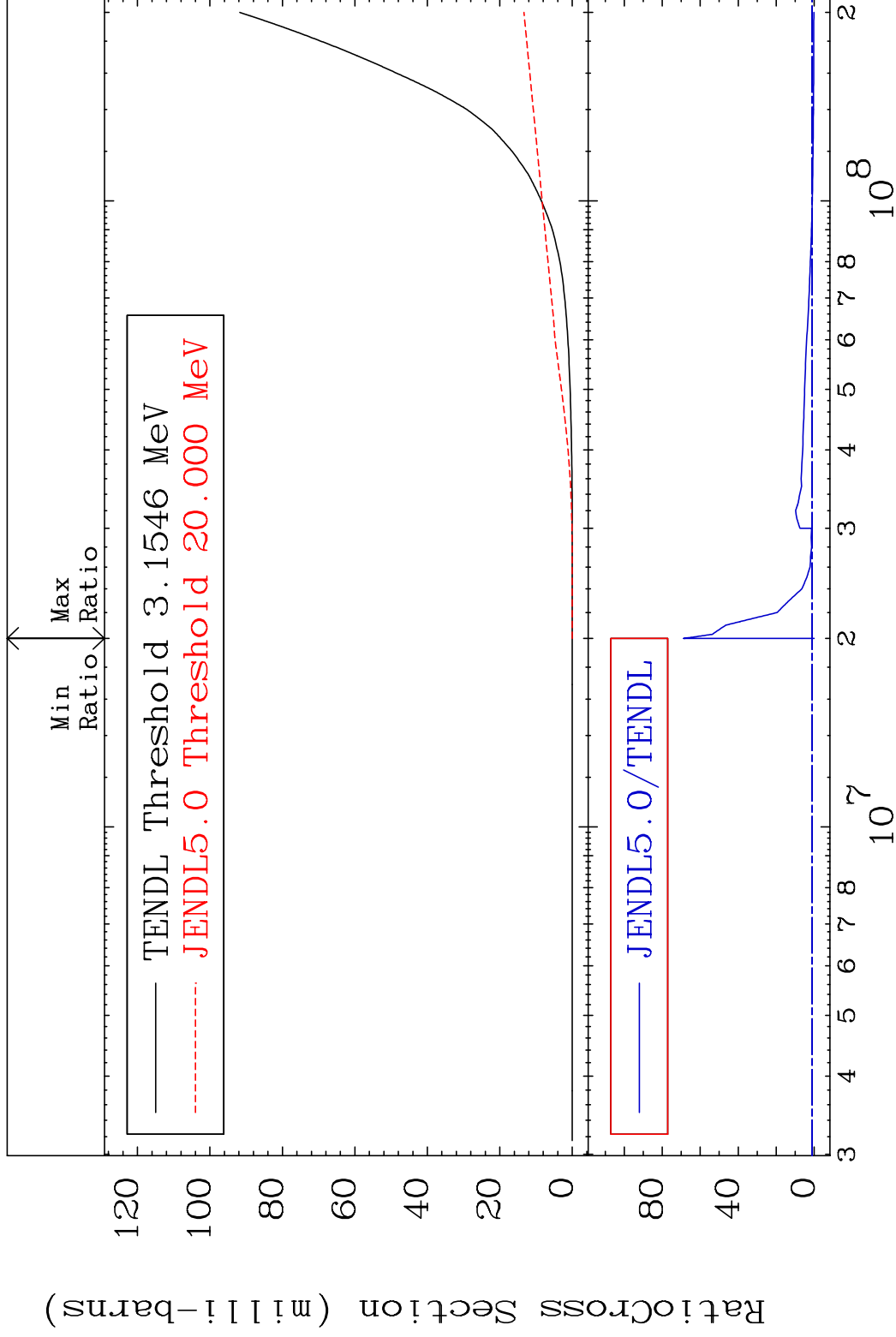


MAT 9434

He-3 Production

94-Pu-238

Cross Section -100.0 To 6774. %



37

Incident Energy (eV)

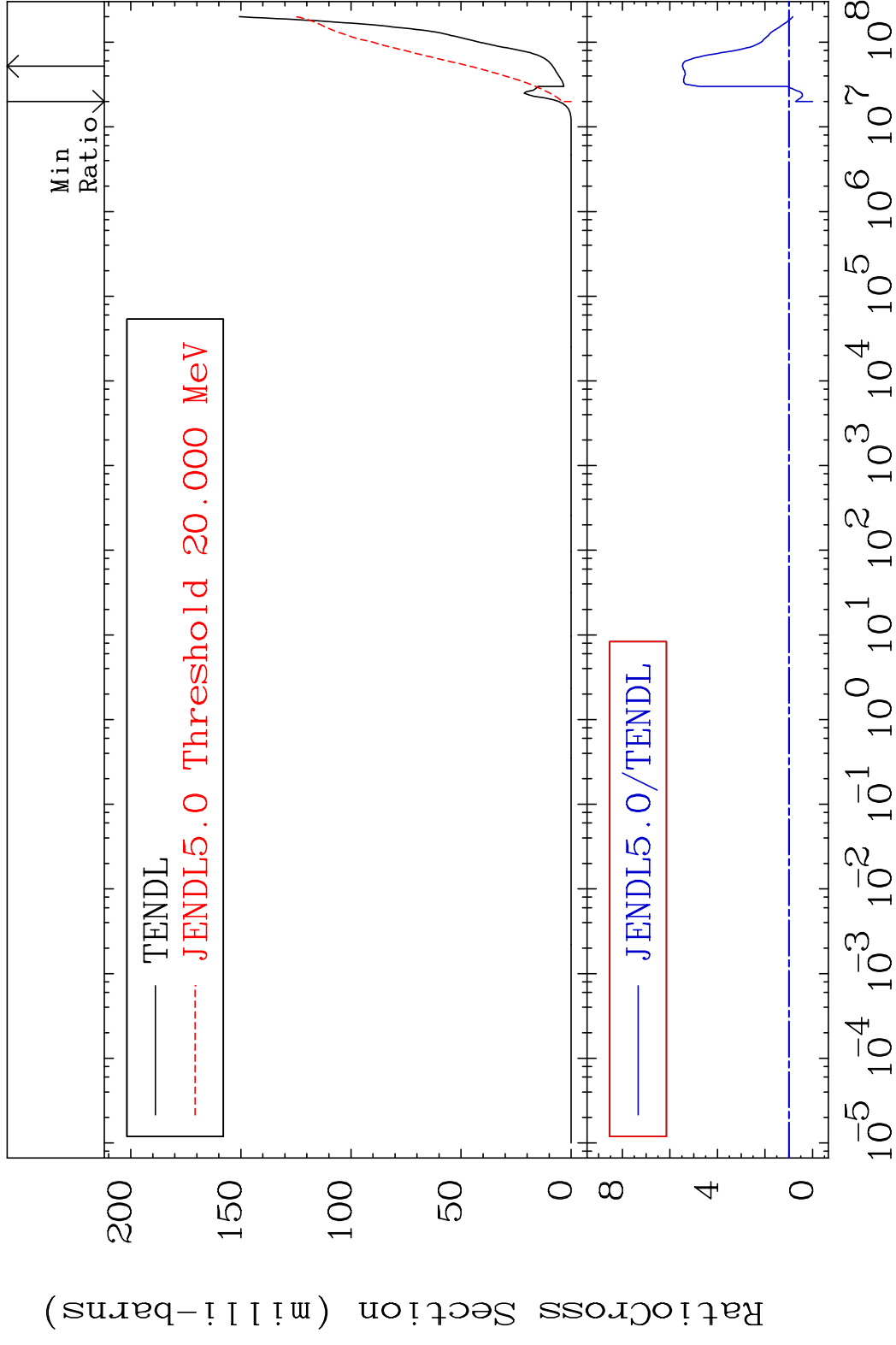
94-Pu-238

MAT 9434

He-4 Production

94-Pu-238

Cross Section -100.0 To 447.8 %



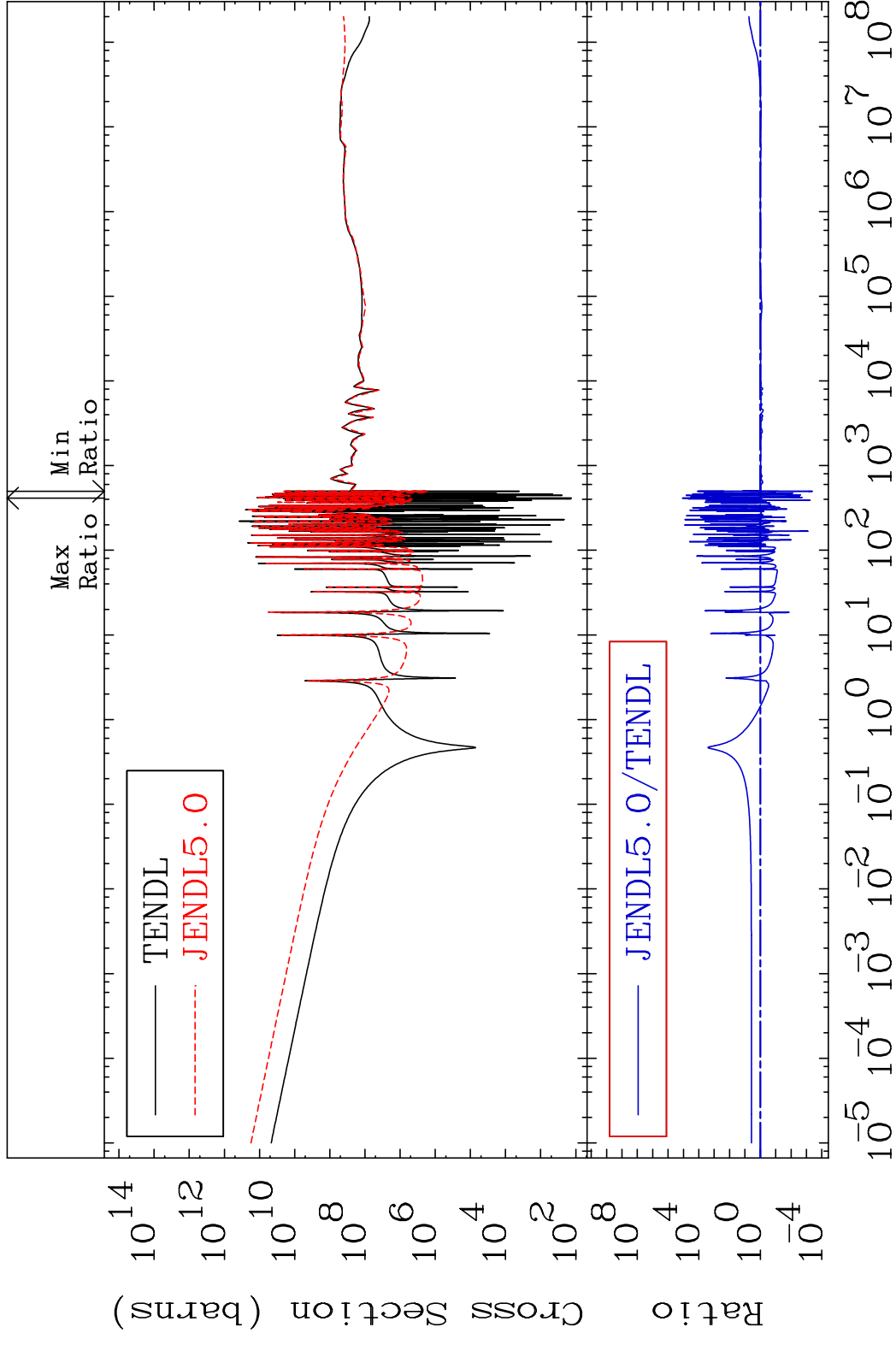
38

Incident Energy (eV)

94-Pu-238

MAT 9434

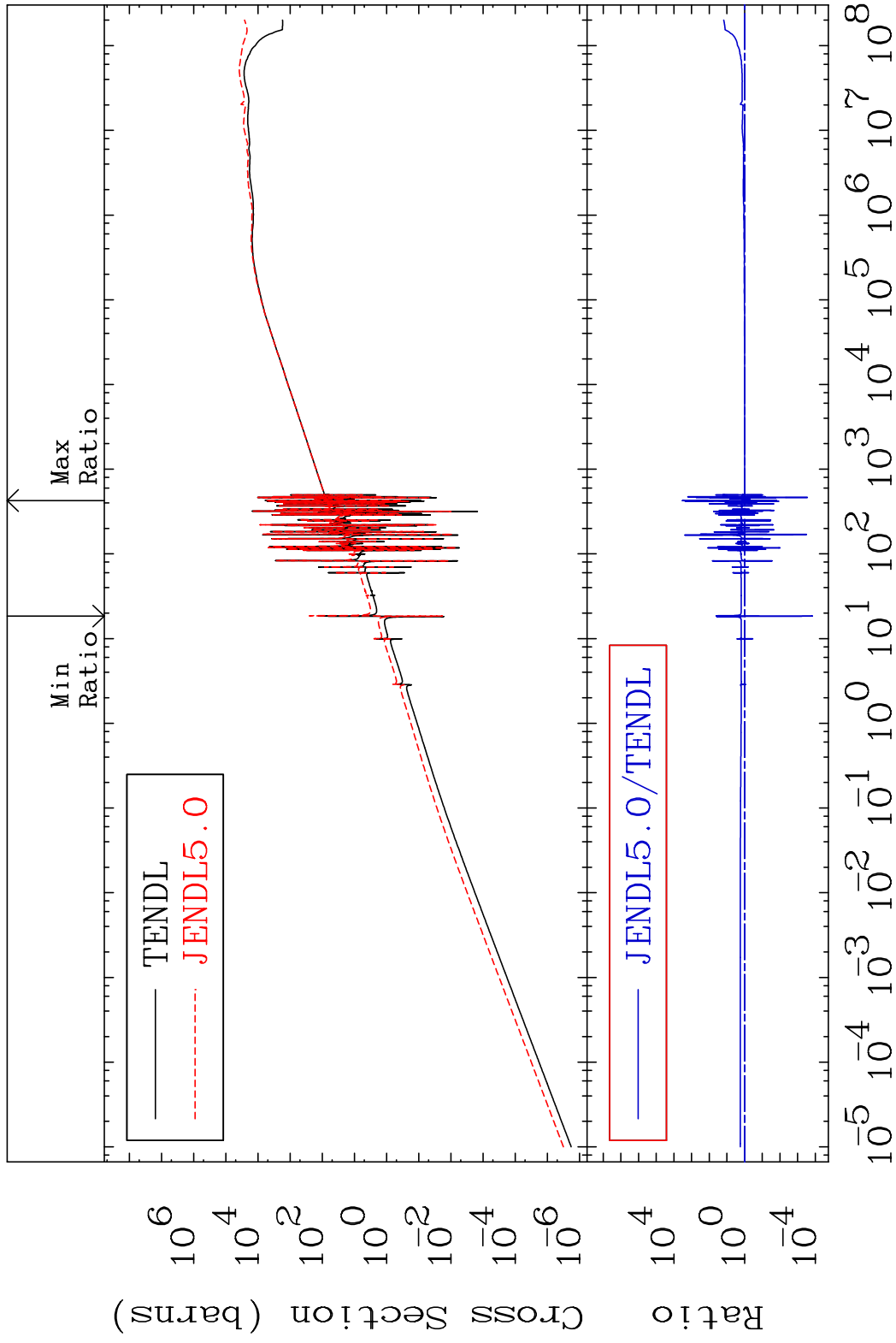
Kerma total (eV-barns) 94-Pu-238  
Cross Section -99.96 To 9999. %



MAT 9434

Kerma elastic Cross Section -99.99 To 9999. %

94-Pu-238

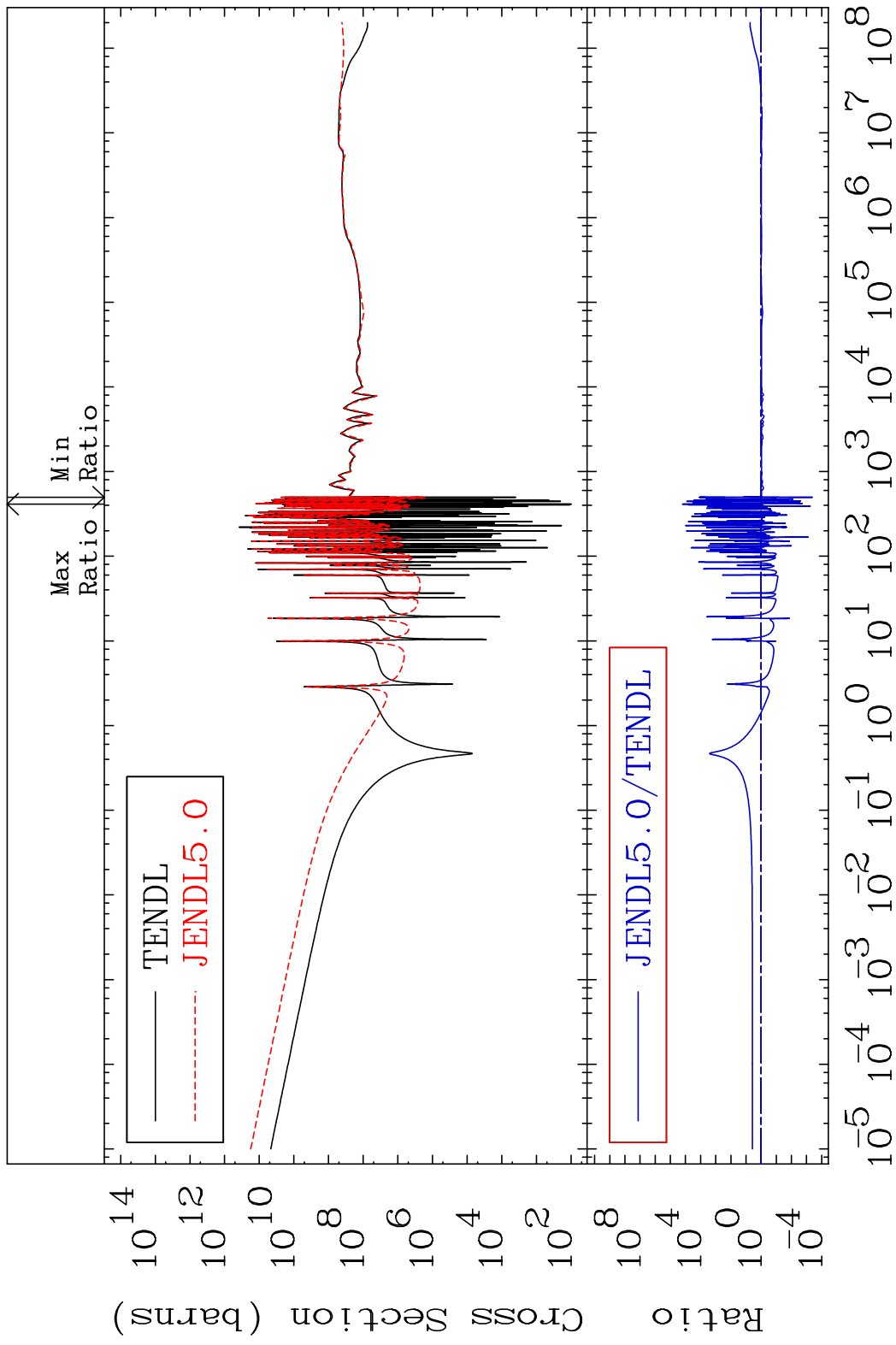


40

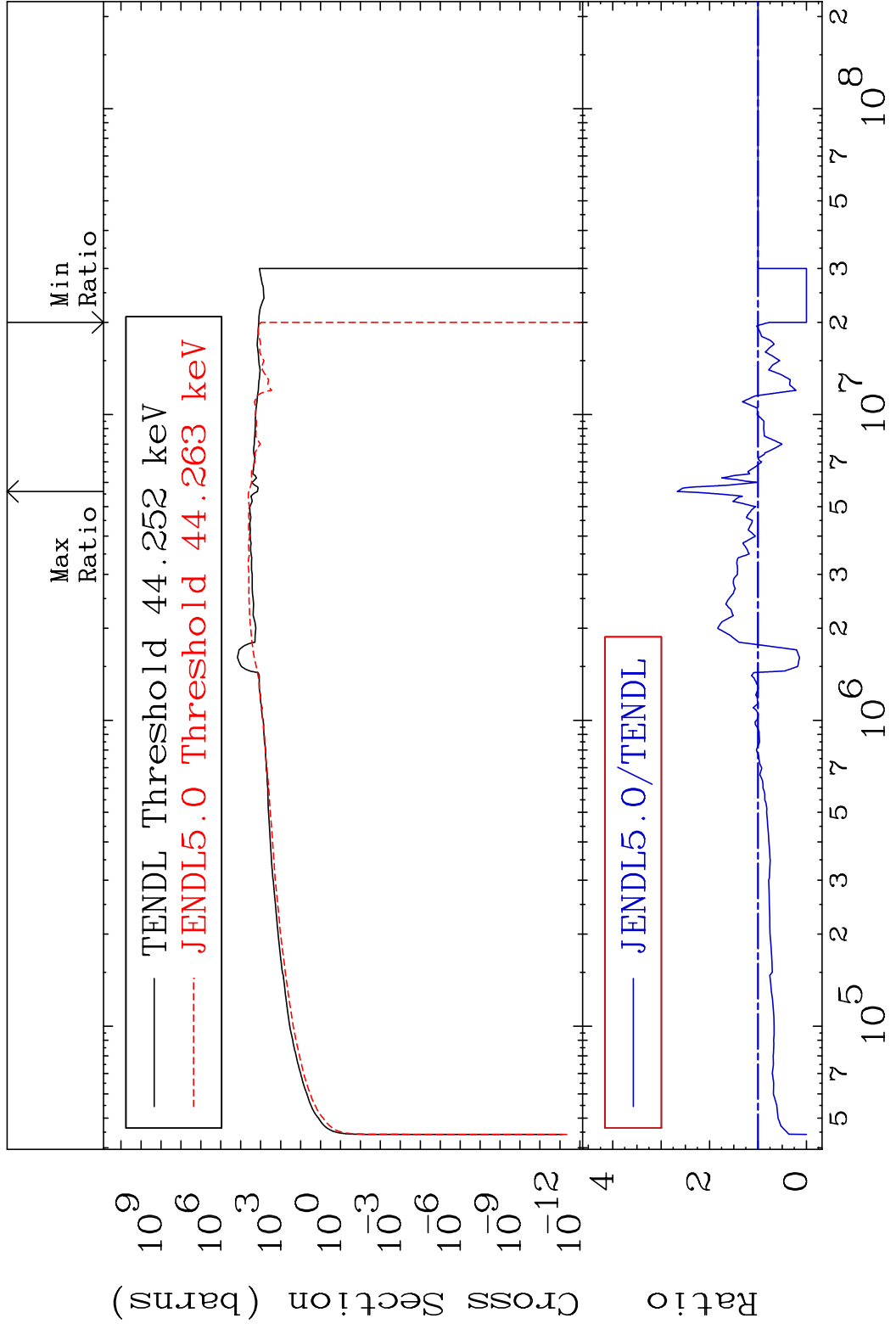
Incident Energy (eV)

94-Pu-238

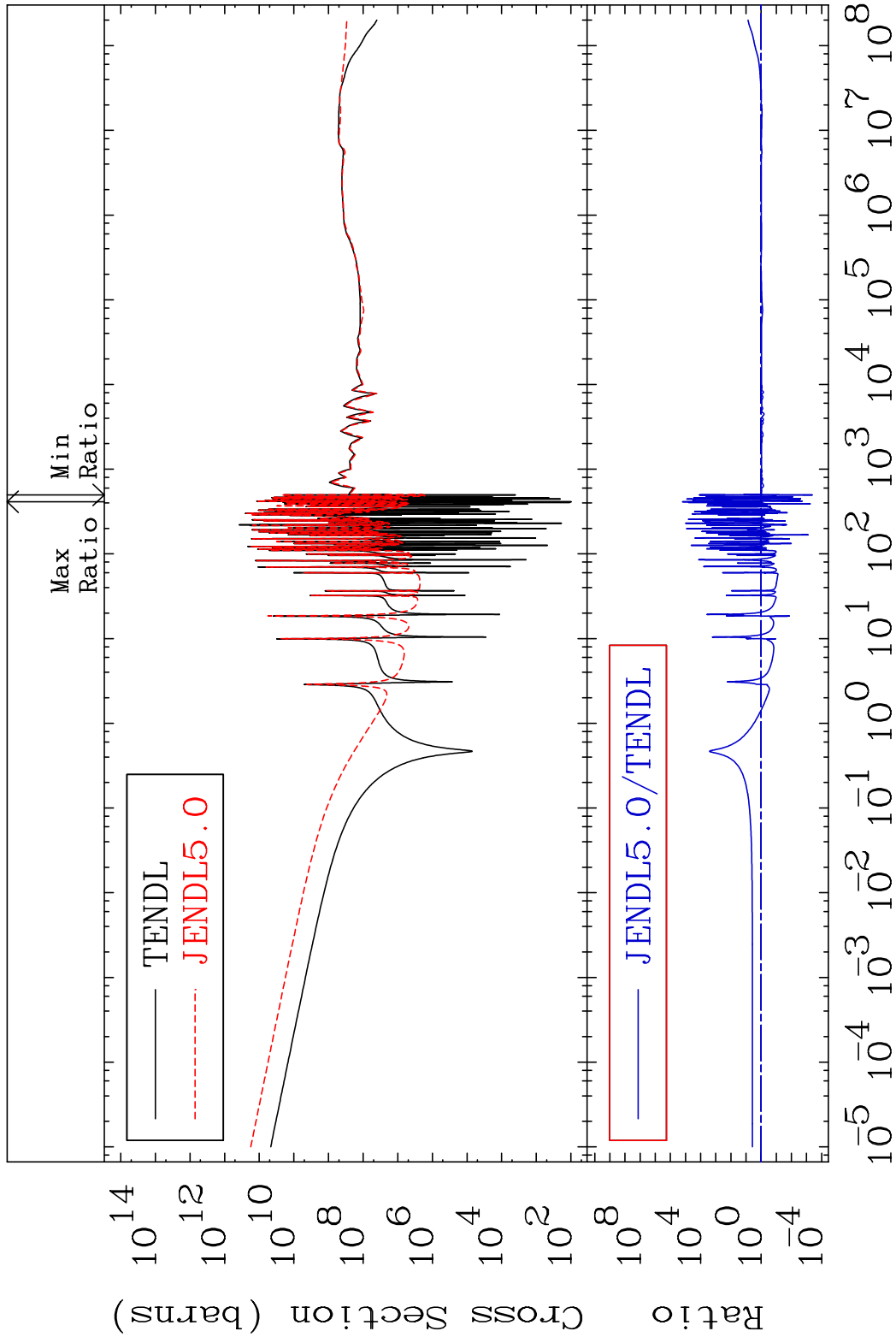
MAT 9434 Kerma non-elastic (all but mt2) 94-Pu-238  
 Cross Section -99.96 To 9999. %



MAT 9434 Kerma inelastic (mt51-91) 94-Pu-238  
 Cross Section -100.0 To 166.7 %



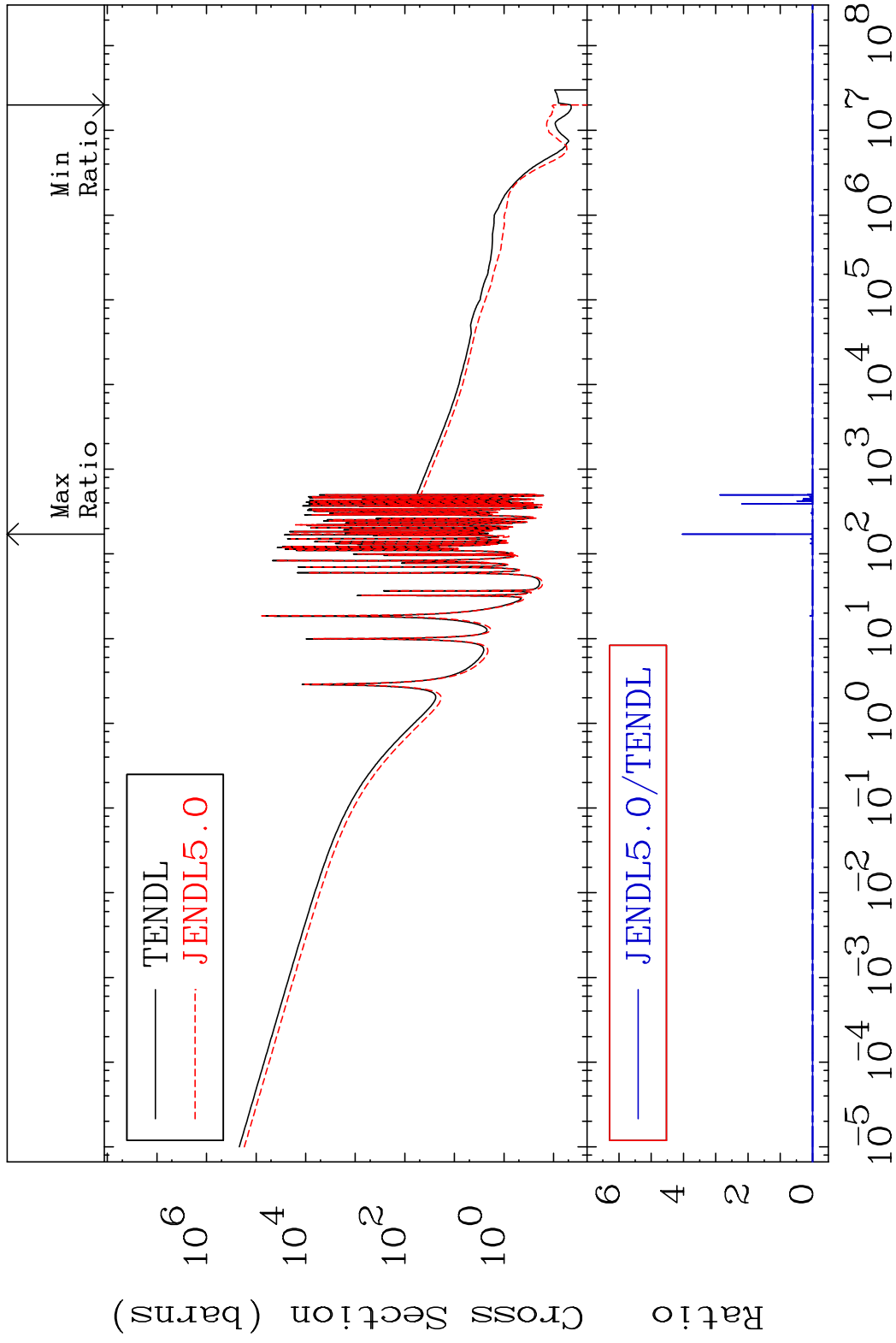
MAT 9434 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-238  
 Cross Section -99.96 To 9999. %



MAT 9434

Kerma capture (mt102) 94-Pu-238

Cross Section -100.0 To 9999. %



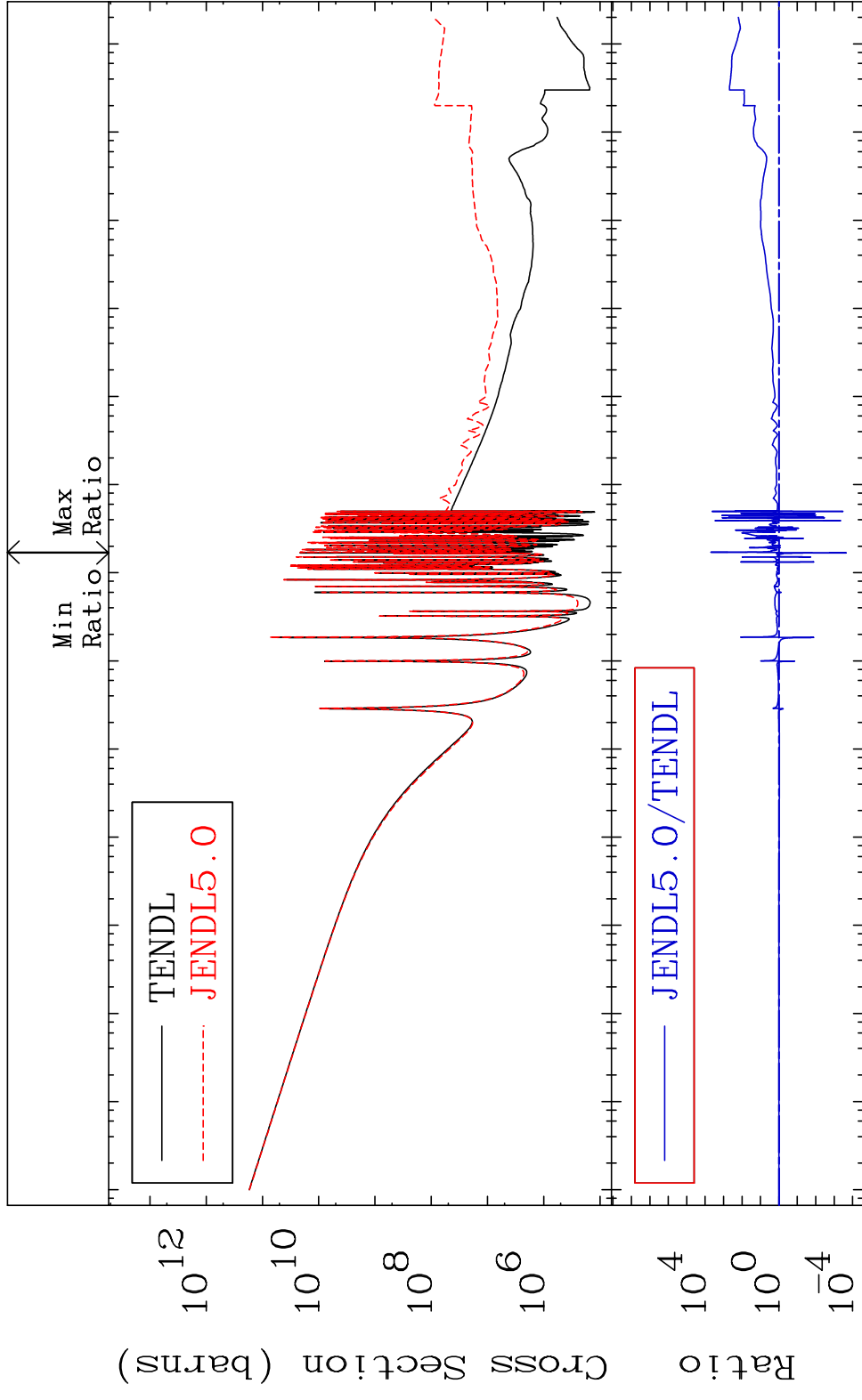
44

Incident Energy (eV)

94-Pu-238

MAT 9434

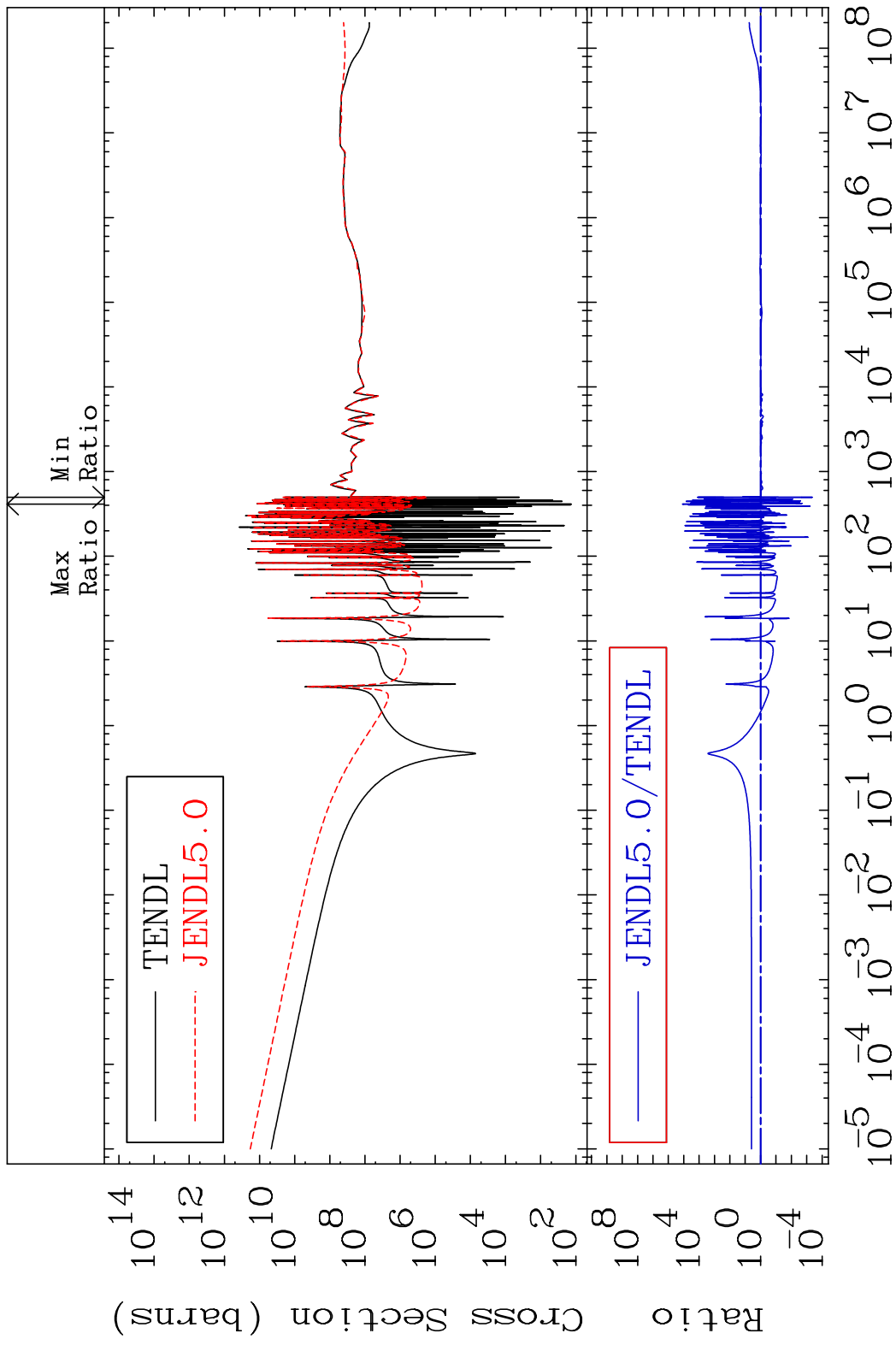
Total photon (eV-barns) 94-Pu-238  
Cross Section -99.98 To 9999. %



45

Incident Energy (eV) 94-Pu-238

MAT 9434 Total kinematic kerma (high limit) 94-Pu-238  
 Cross Section -99.96 To 9999. %

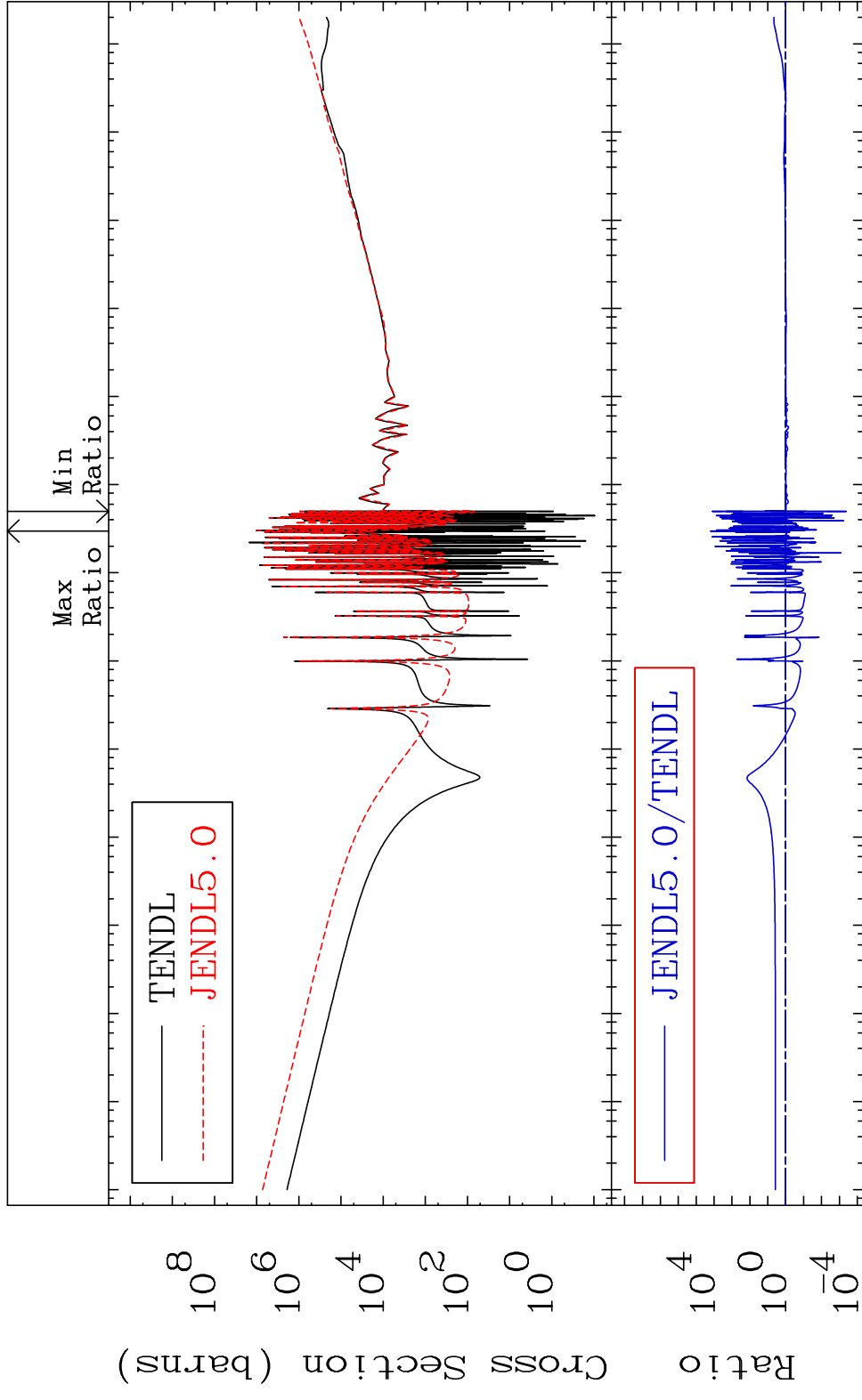


MAT 9434

Dpa total (eV-barns)

94-Pu-238

Cross Section -99.96 To 9999. %

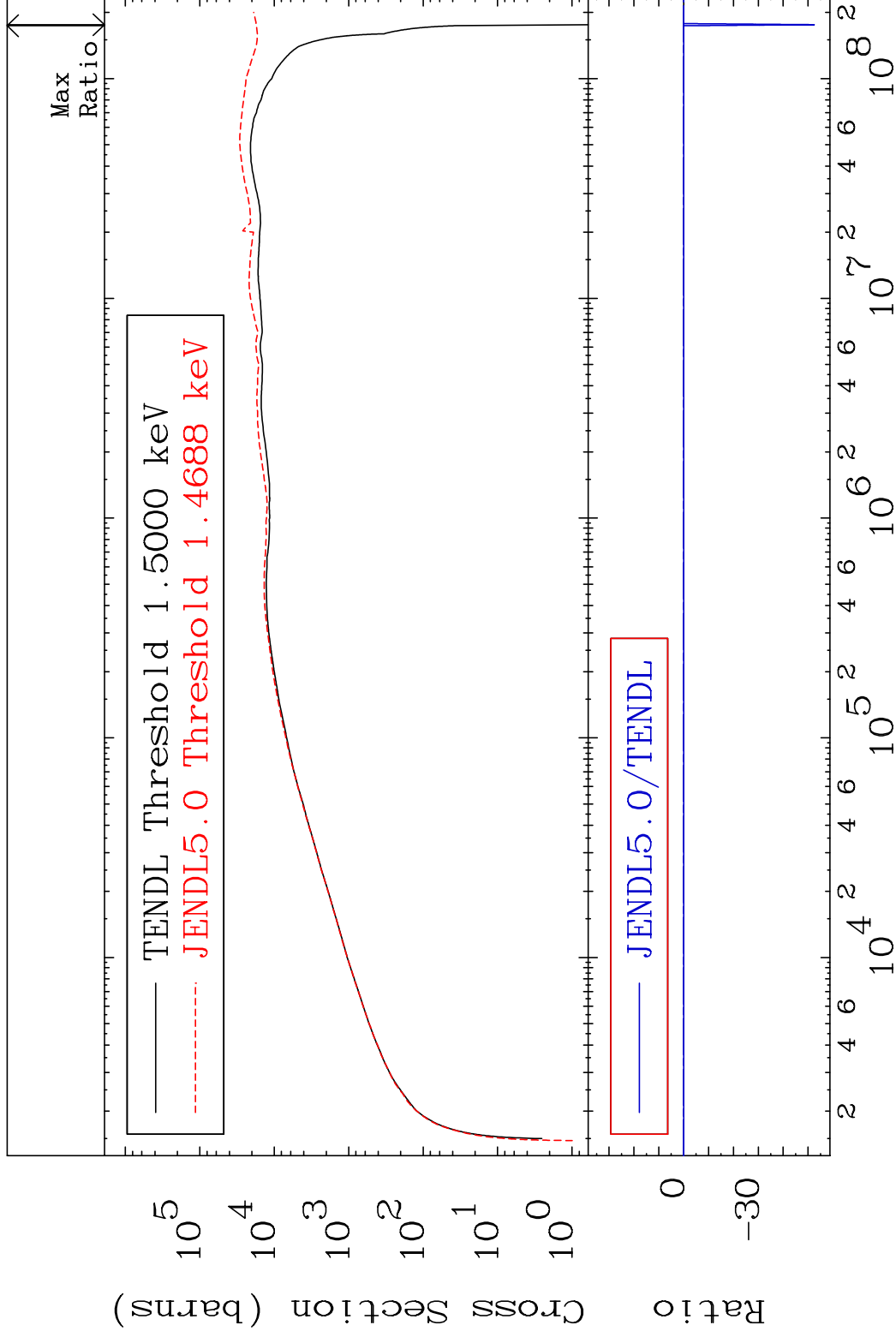


MAT 9434

Dpa elastic (mt2)

94-Pu-238

Cross Section -9999. To 9999. %

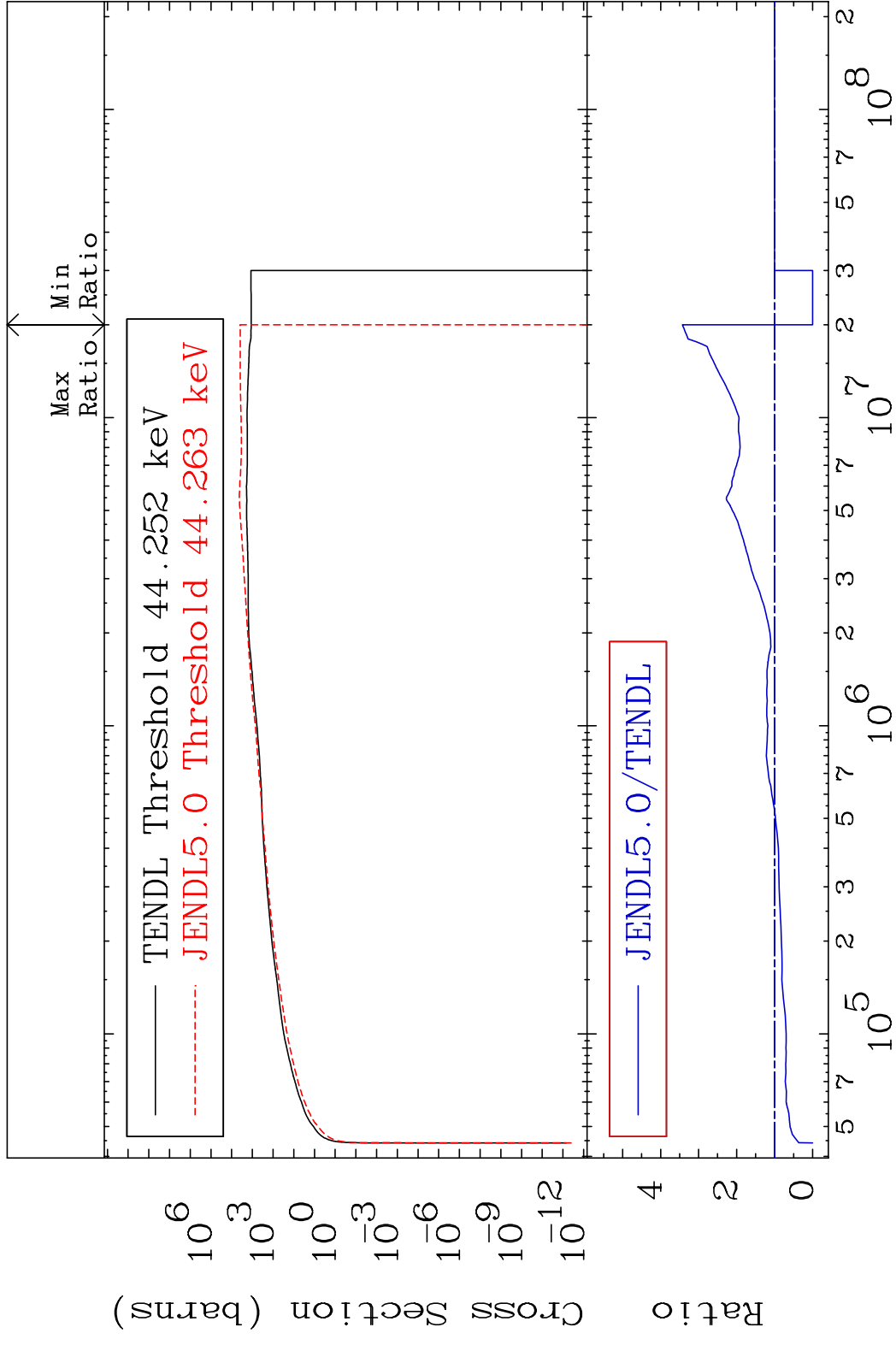


48

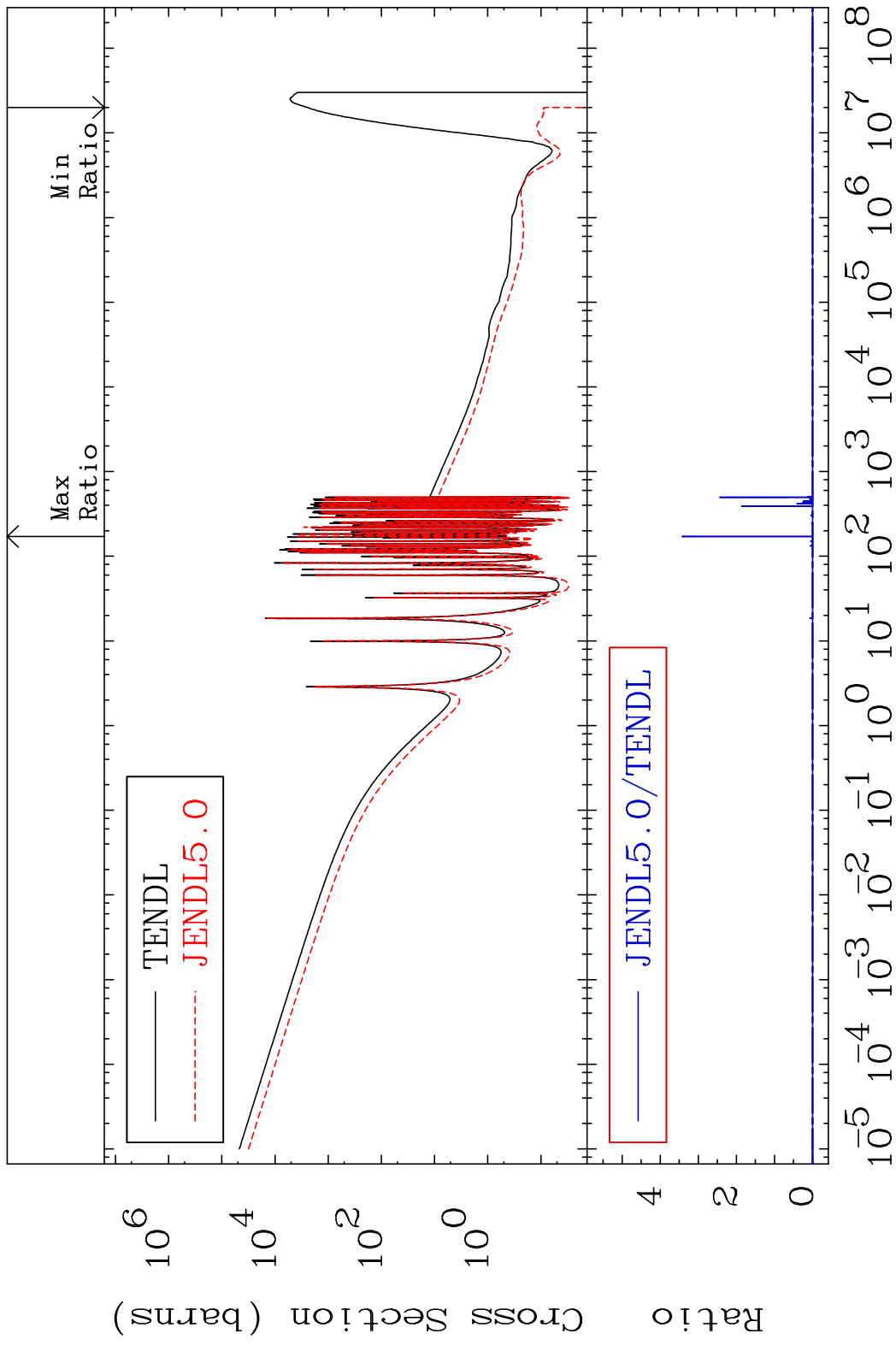
Incident Energy (eV)

94-Pu-238

MAT 9434 Dpa inelastic (mt51-91) 94-Pu-238  
 Cross Section -100.0 To 242.9 %

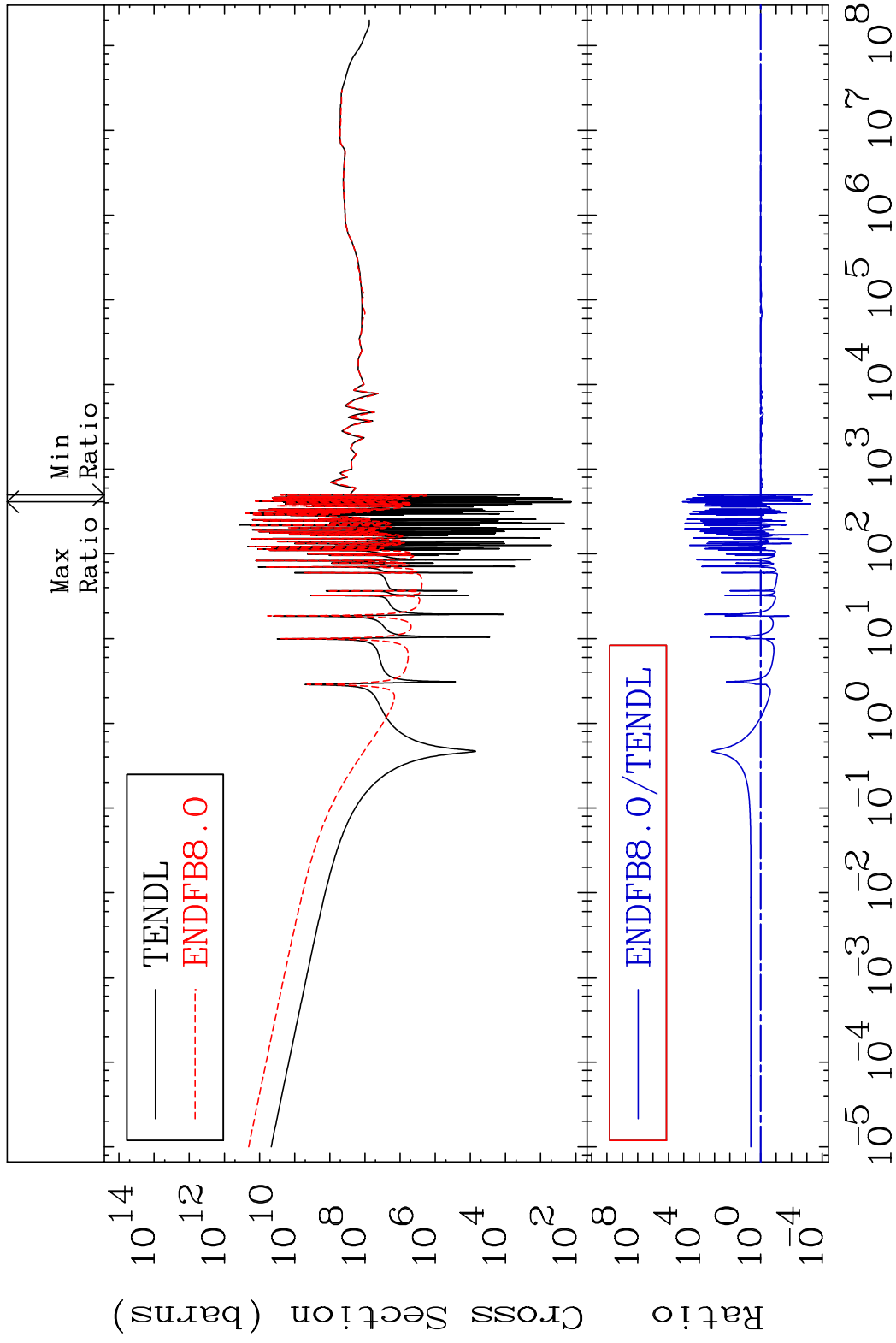


MAT 9434 Dpa disappearance (mt102 -120) 94-Pu-238  
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 94-Pu-238

MAT 9434 Total kinematic kerma (high limit) 94-Pu-238  
 Cross Section -99.96 To 9999. %

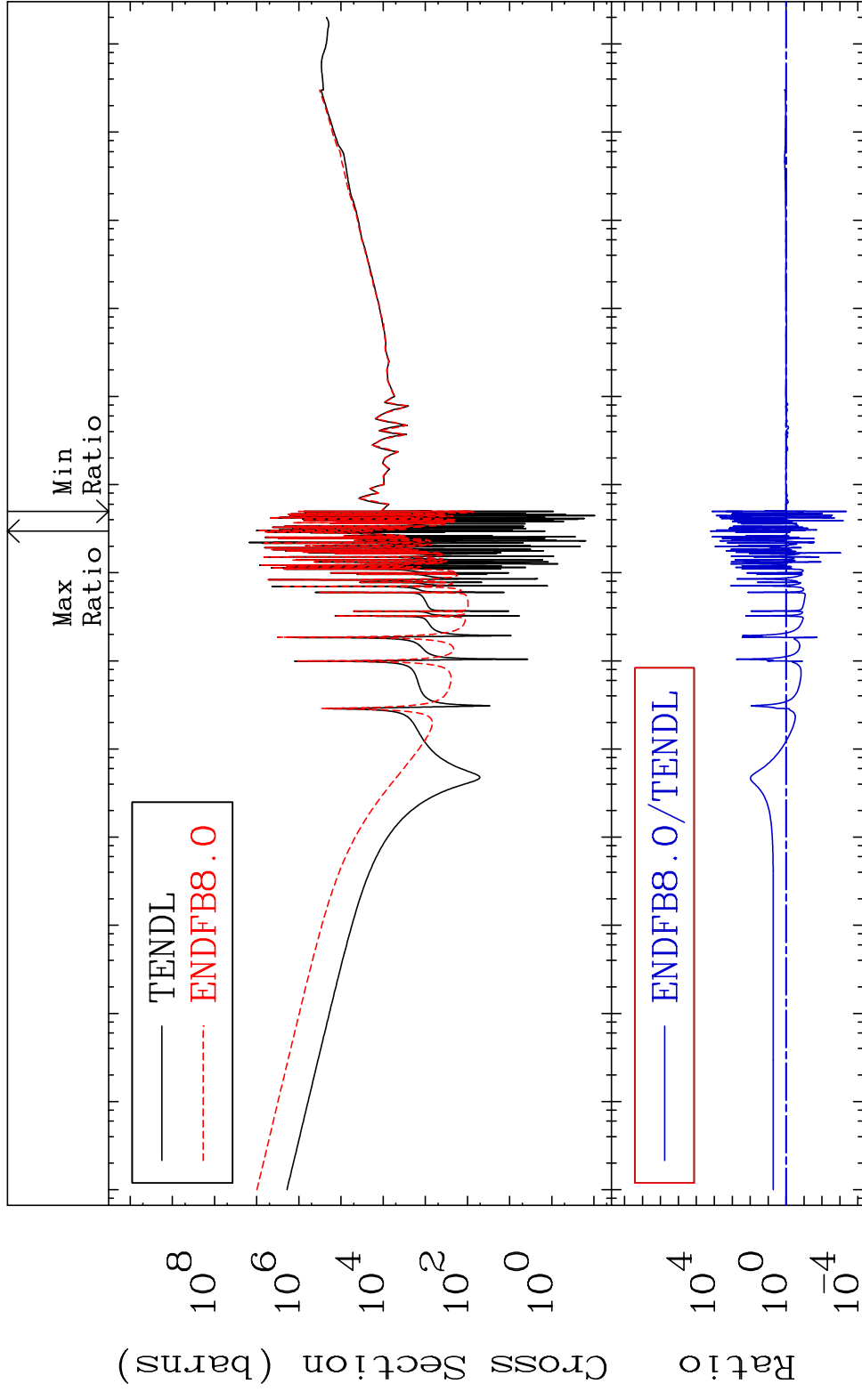


MAT 9434

Dpa total (eV-barns)

94-Pu-238

Cross Section -99.96 To 9999. %

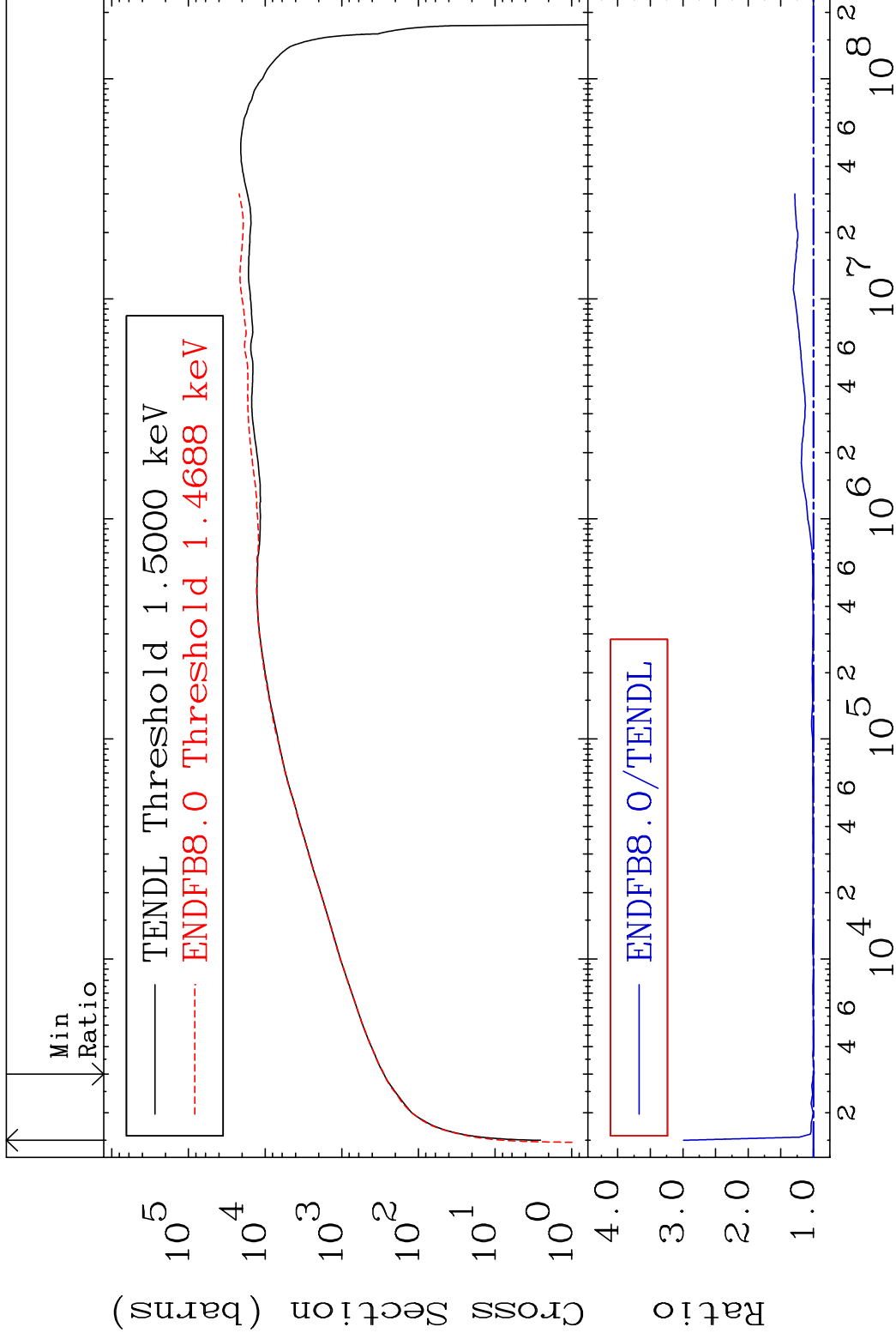


MAT 9434

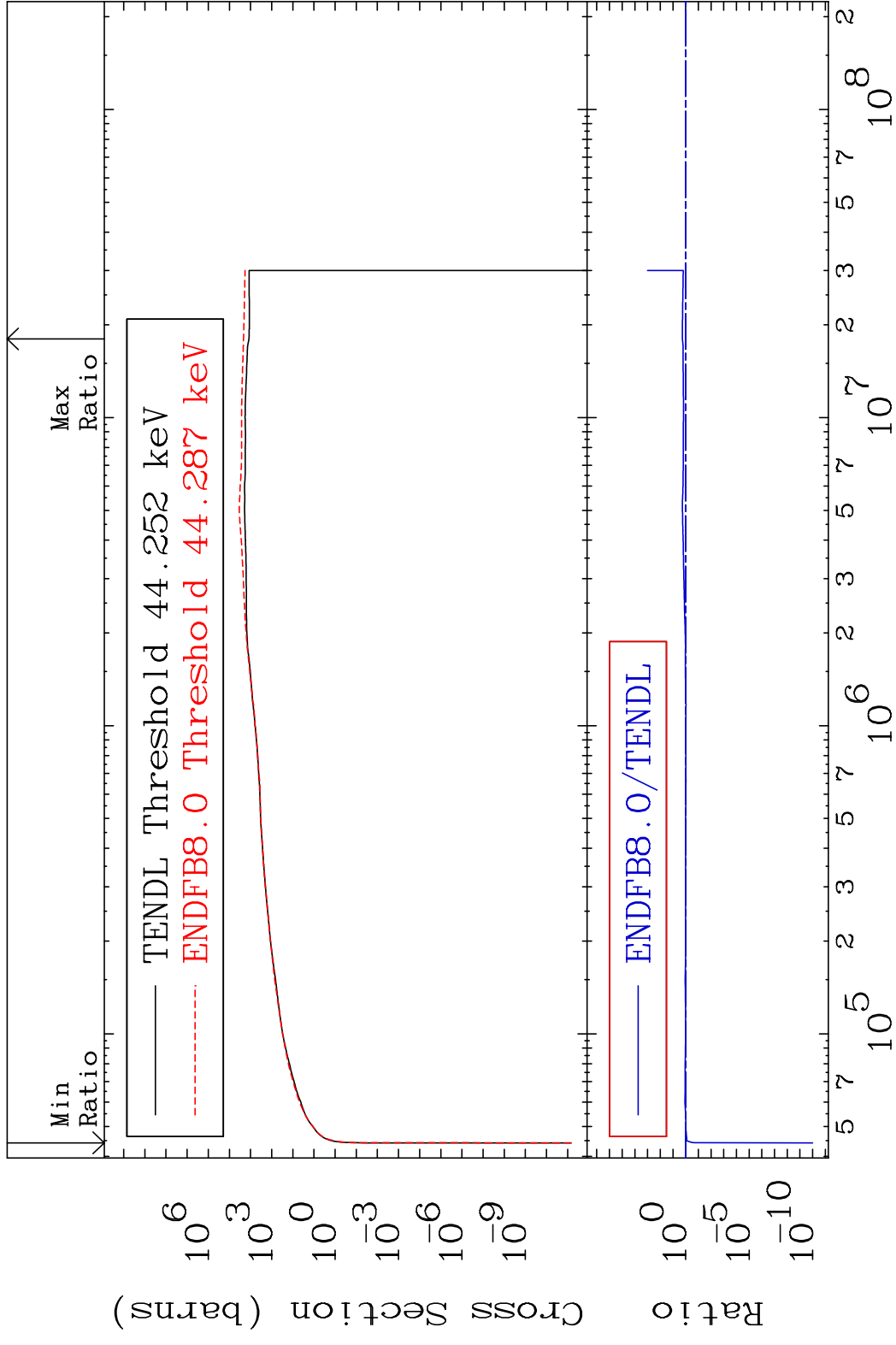
Dpa elastic (mt2)

94-Pu-238

Cross Section -0.944 To 199.2 %



MAT 9434      Dpa inelastic (mt51-91)      94-Pu-238  
 Cross Section      -100.0 To 81.56 %



MAT 9434 Dpa disappearance (mt102 -120) 94-Pu-238  
 Cross Section -99.75 To 9999. %

