

Program Complot  
(Version 2021-1)

by

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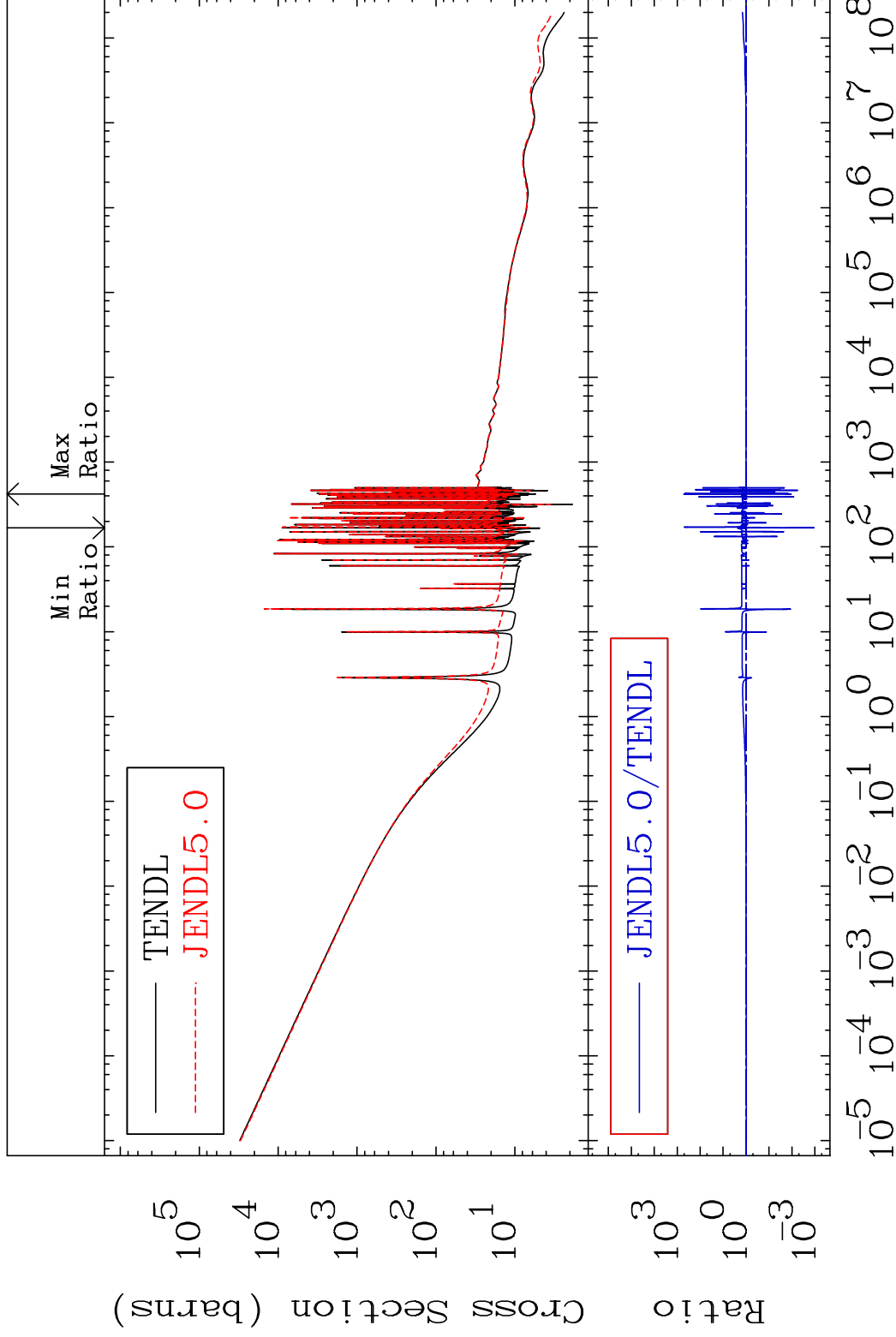
Press Mouse Button to Start

MAT 9434

Total

94-Pu-238

Cross Section -99.89 To 9999. %



1

Incident Energy (eV)

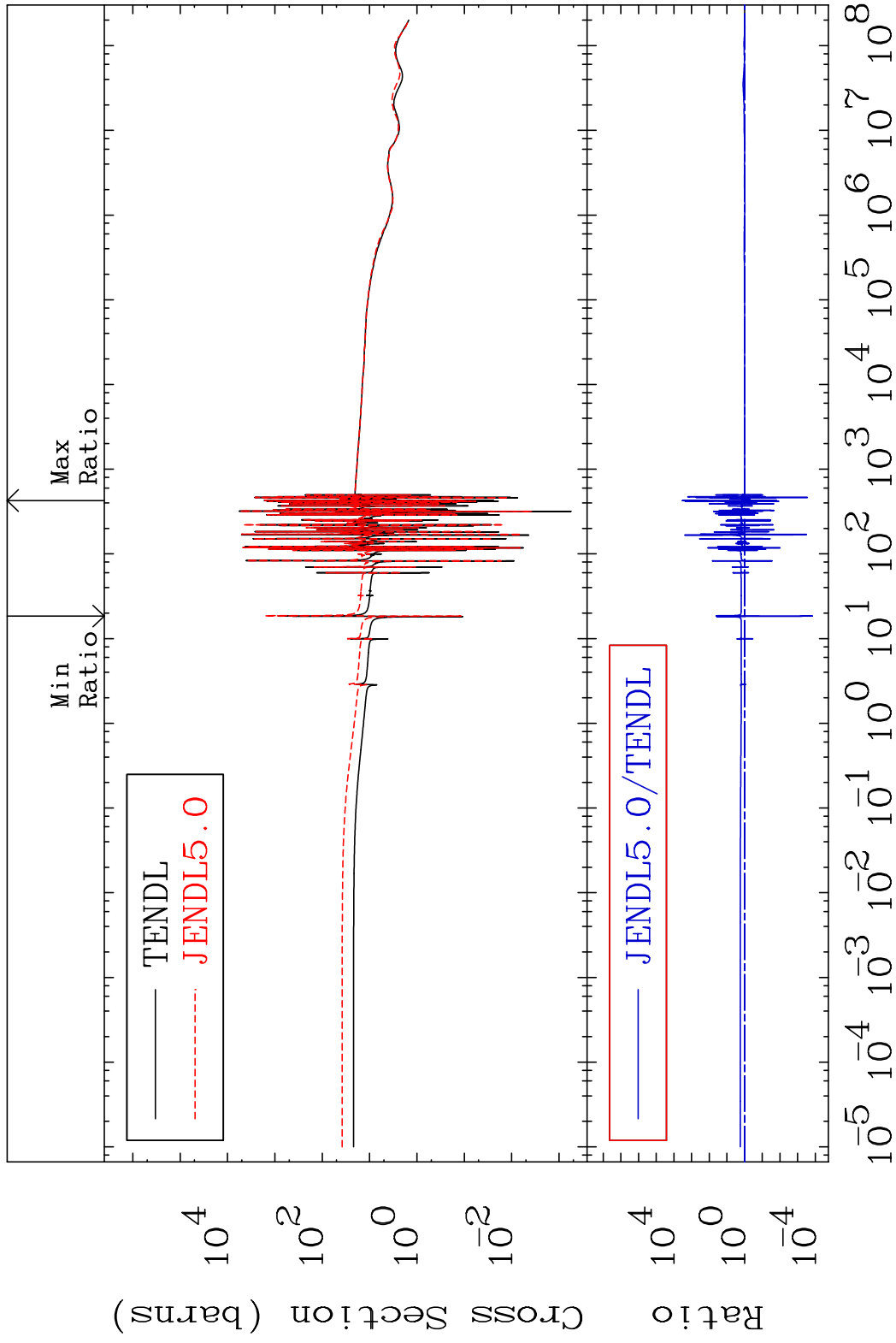
94-Pu-238

MAT 9434

Elastic

94-Pu-238

Cross Section -99.99 To 9999. %

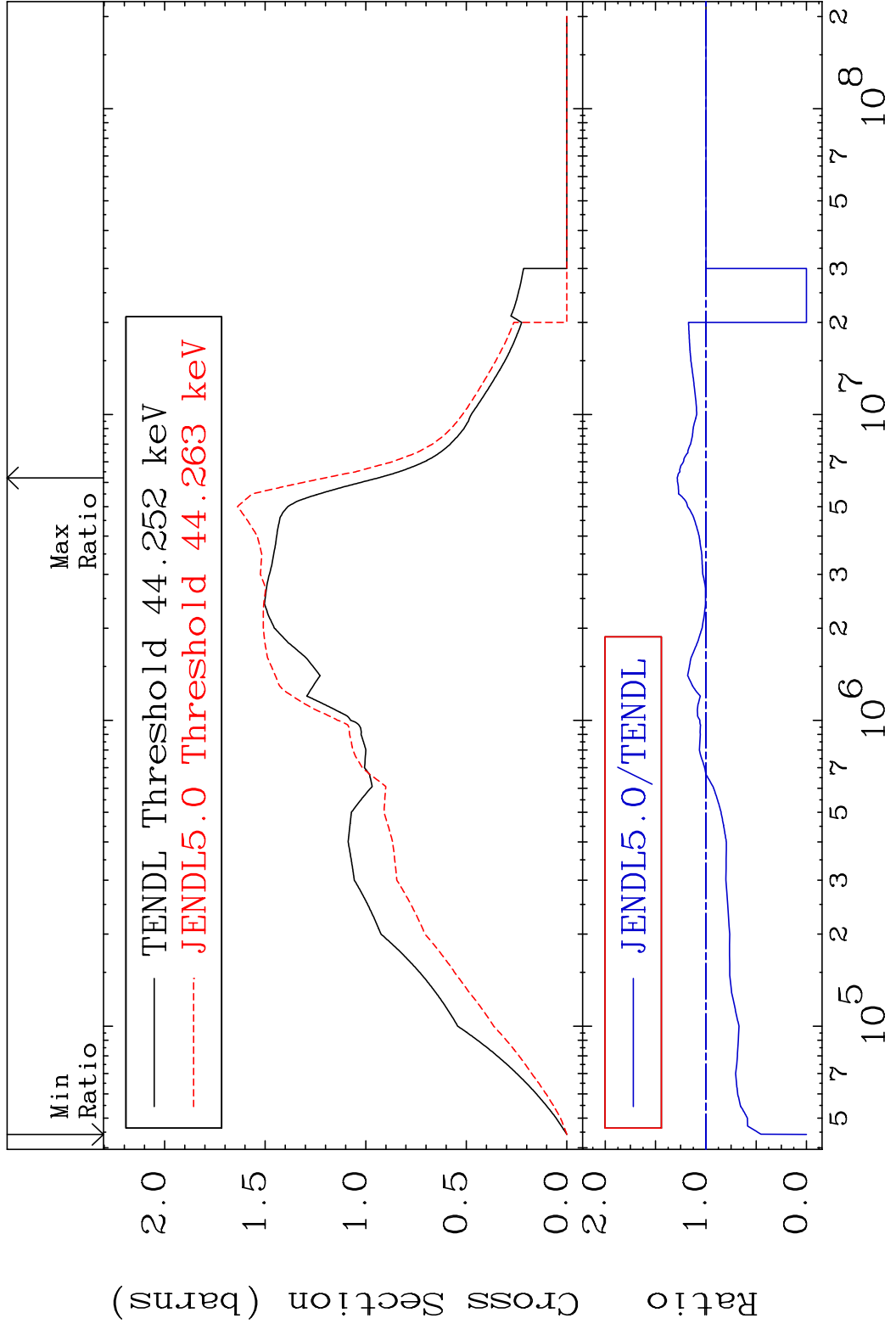


2

Incident Energy (eV)

94-Pu-238

MAT 9434 Inelastic Cross Section -100.0 To 28.51 % 94-Pu-238

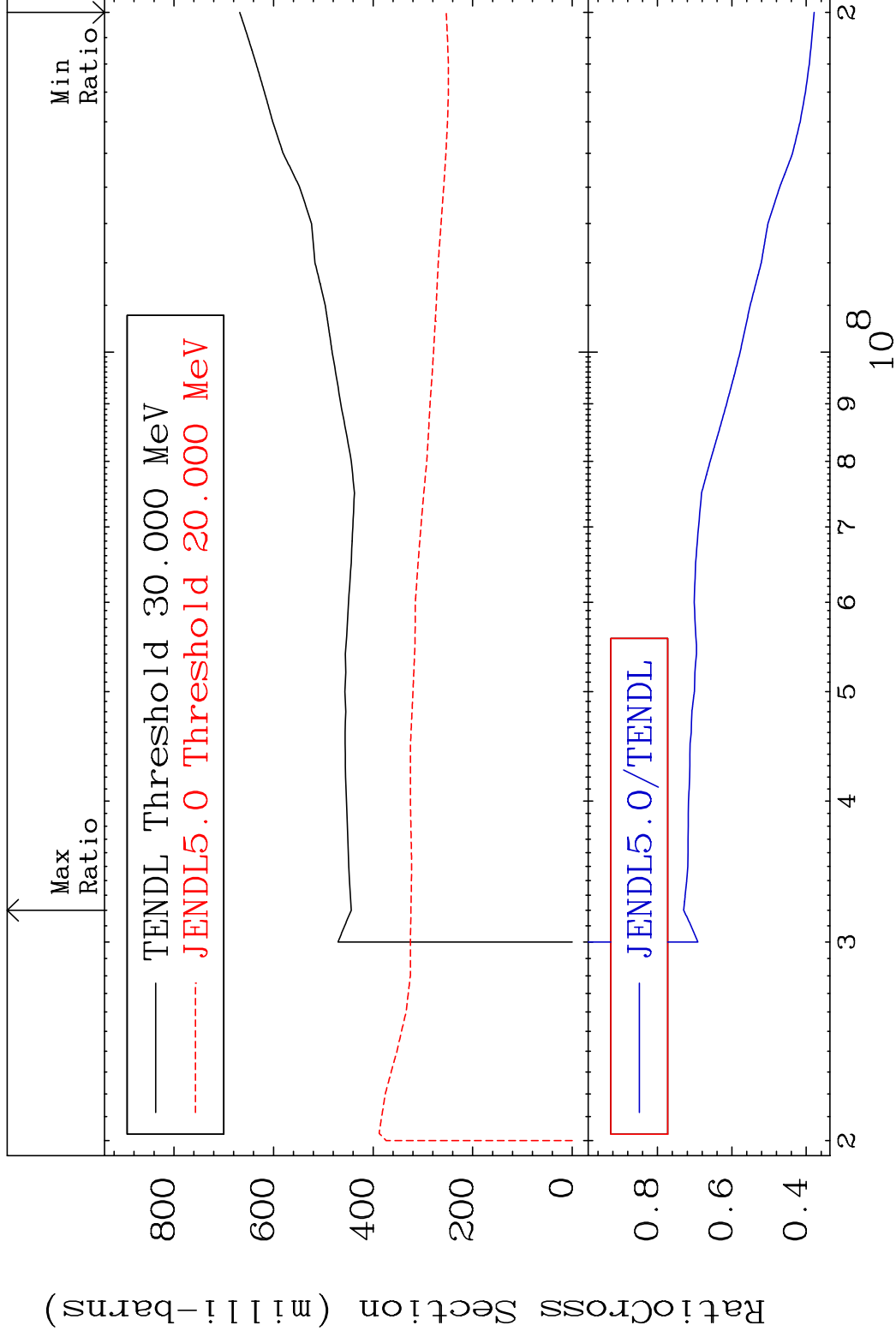


MAT 9434

(n, remainder)

94-Pu-238

Cross Section -62.11 To -27.03%



4

Incident Energy (eV)

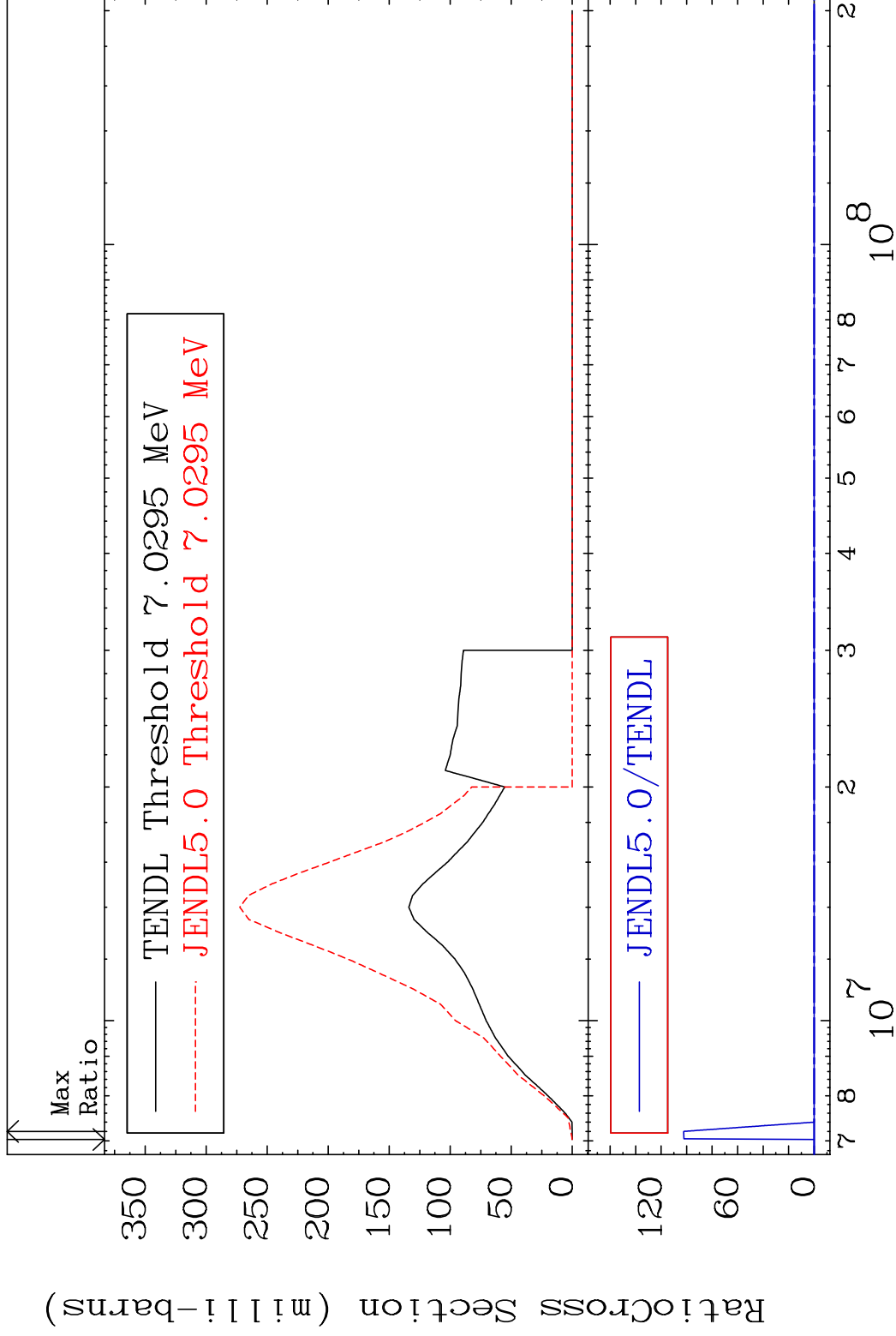
94-Pu-238

MAT 9434

(n,2n)

94-Pu-238

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

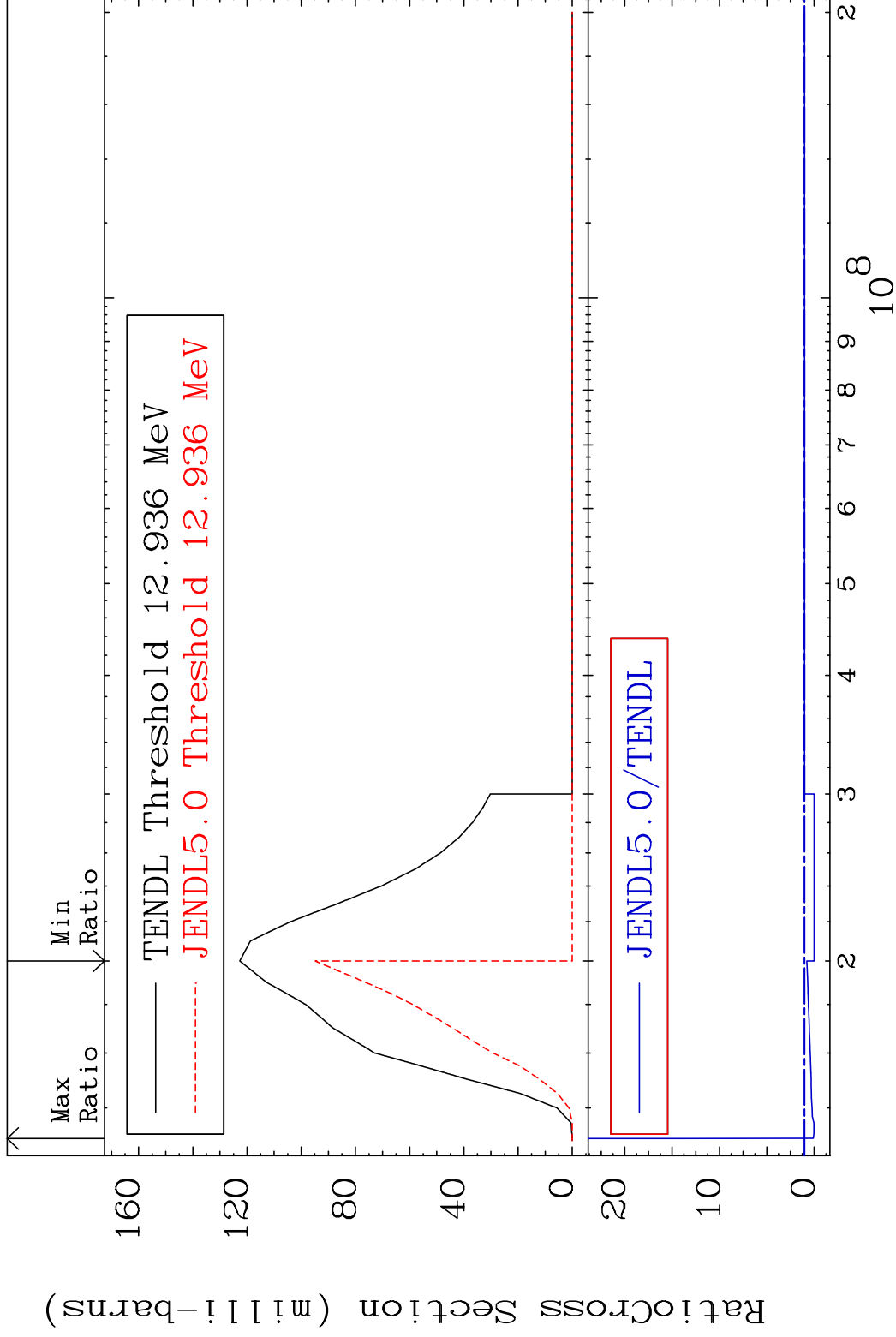
94-Pu-238

MAT 9434

(n,3n)

94-Pu-238

Cross Section -100.0 To 1278. %



6

Incident Energy (eV)

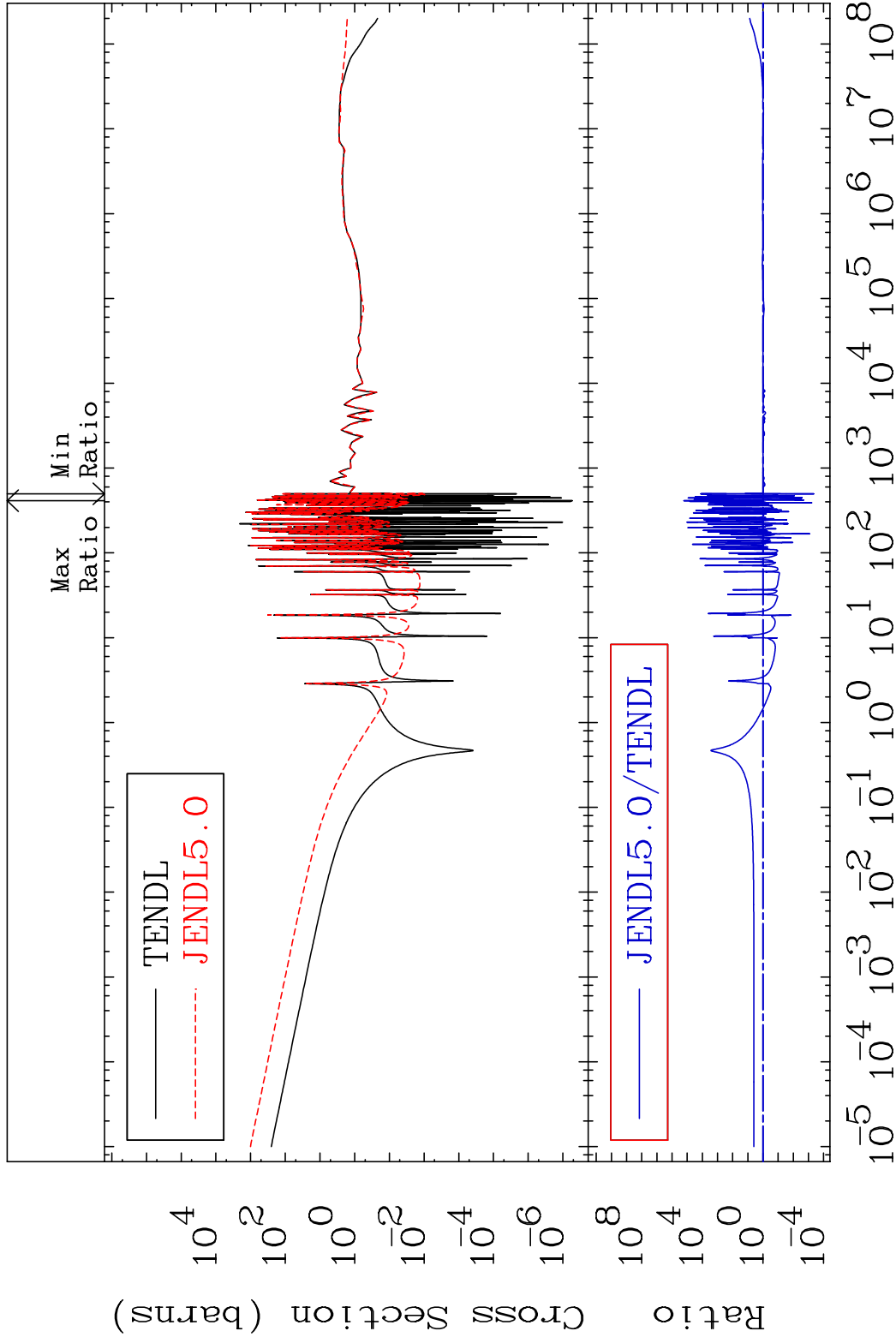
94-Pu-238

MAT 9434

Fission

94-Pu-238

Cross Section -99.96 To 9999. %



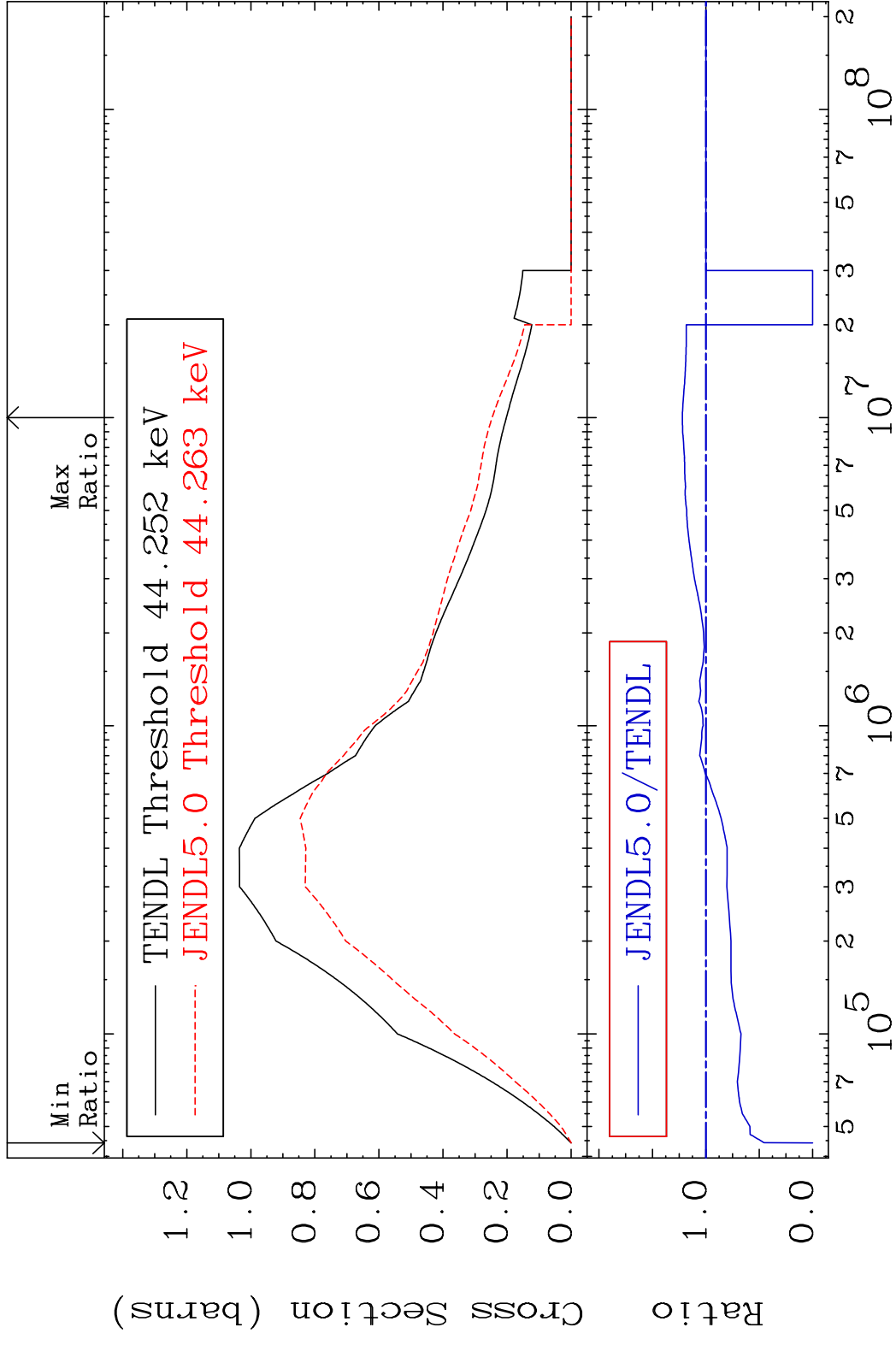
7

Incident Energy (eV)

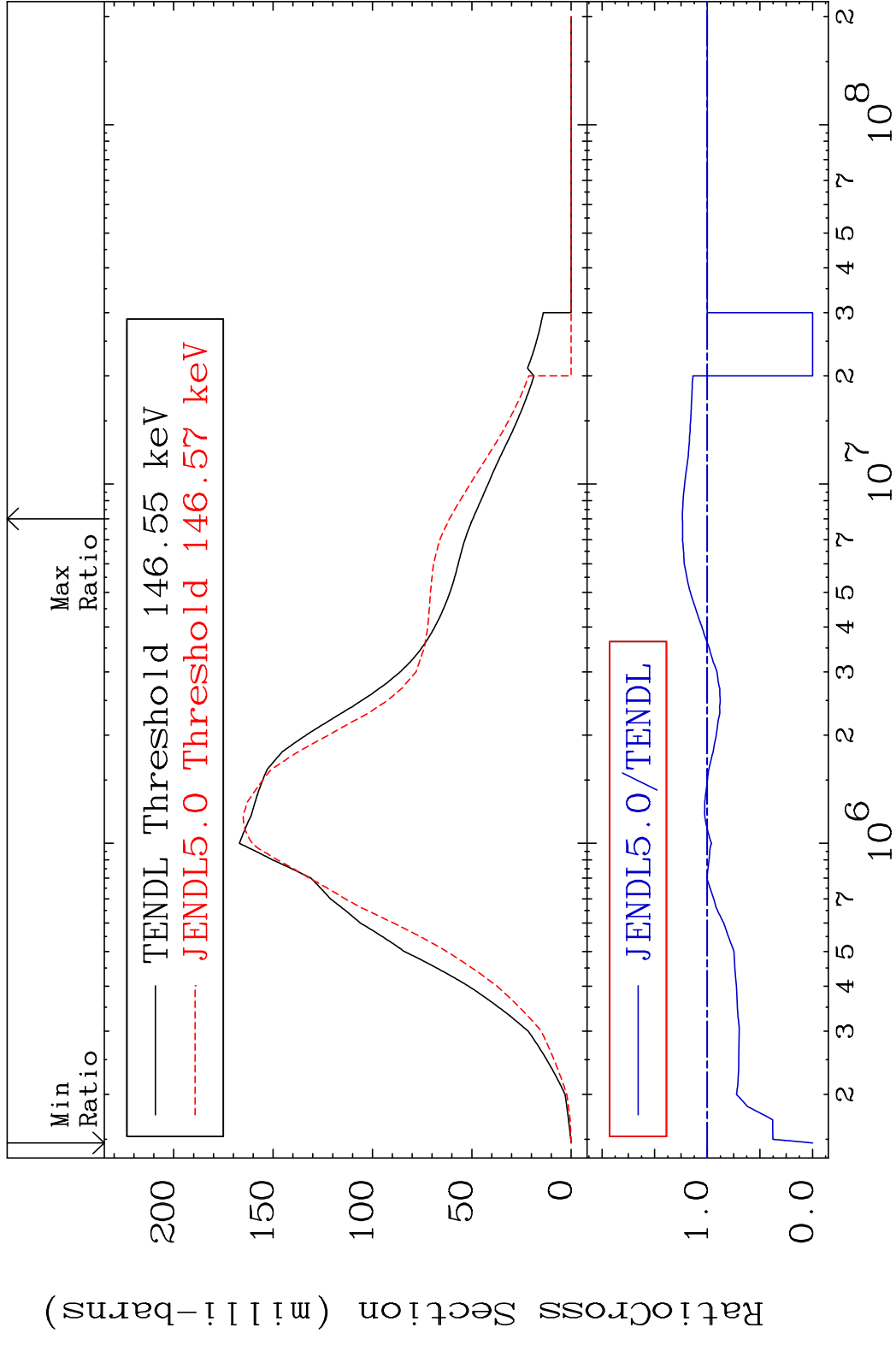
94-Pu-238



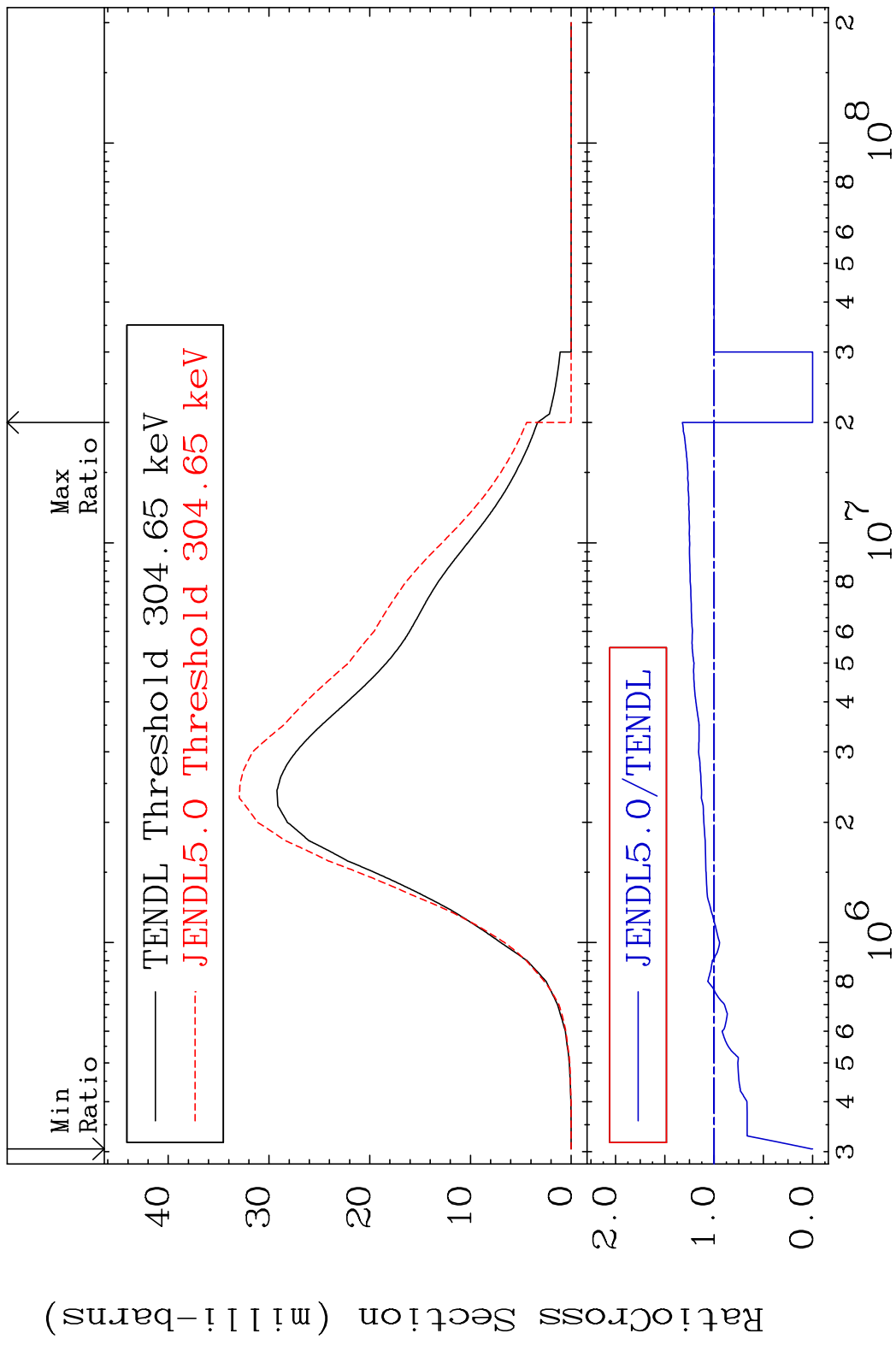
MAT 9434 MT= 51 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 21.95 %



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

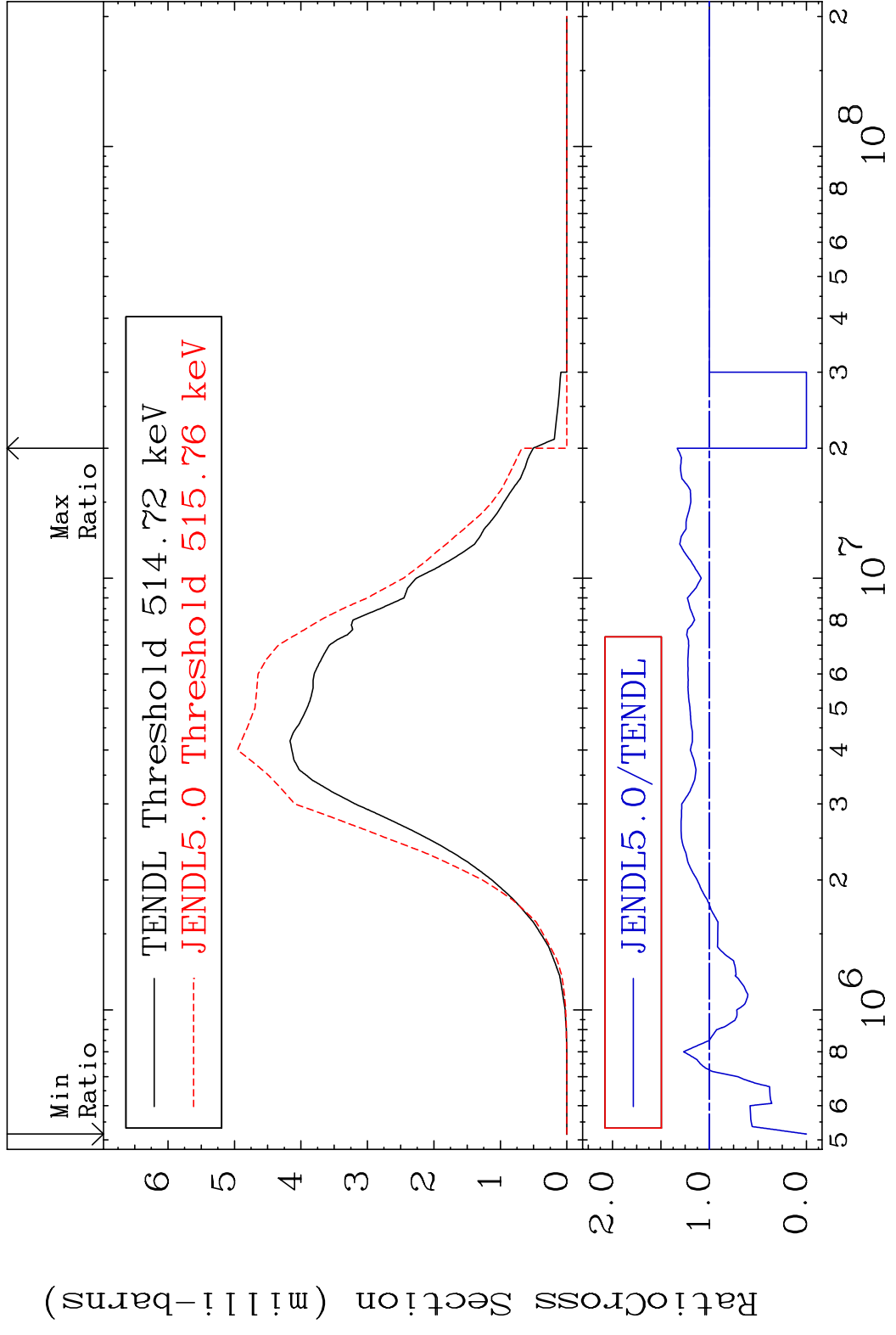


MAT 9434 MT= 53 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 32.23 %

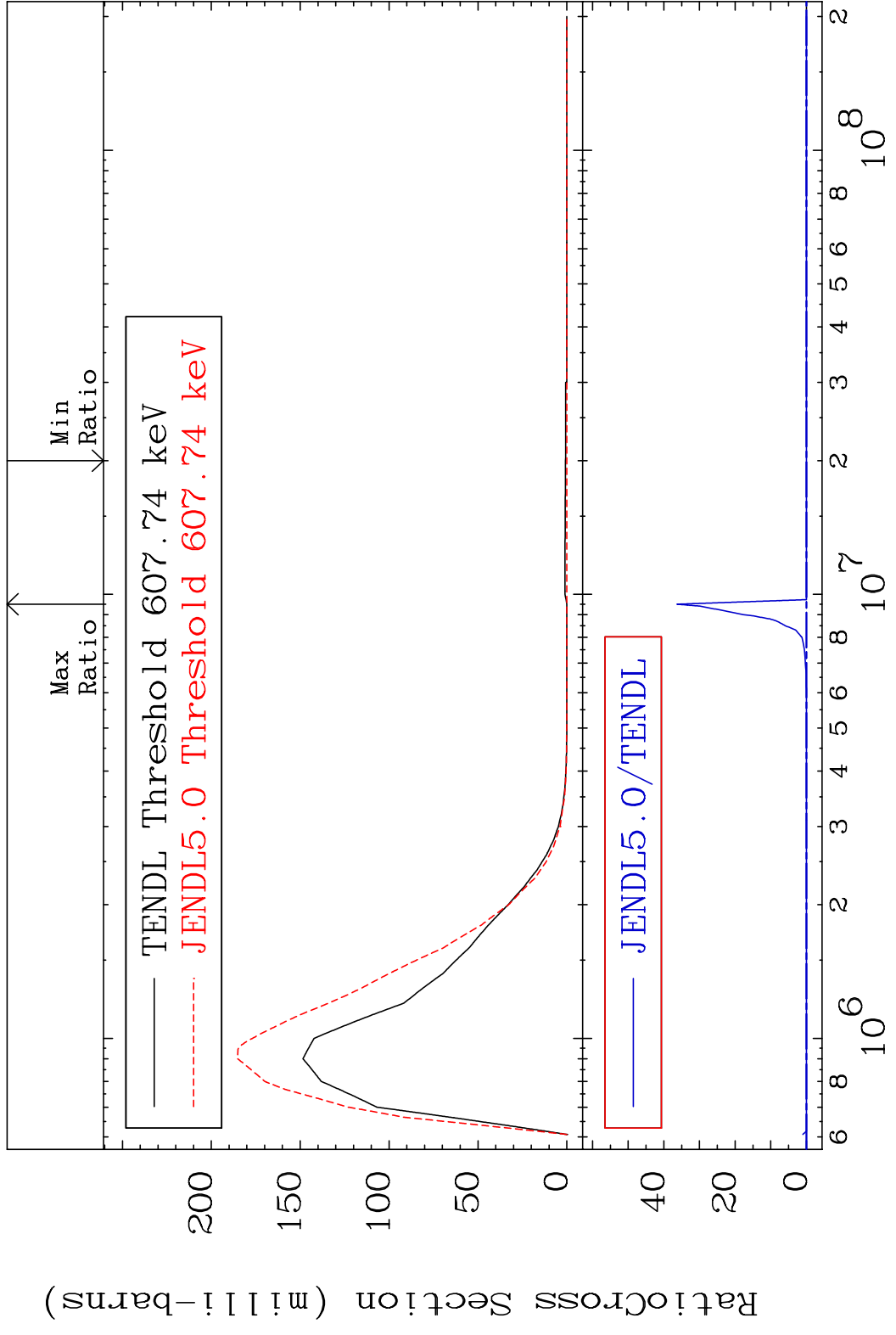


10 94-Pu-238

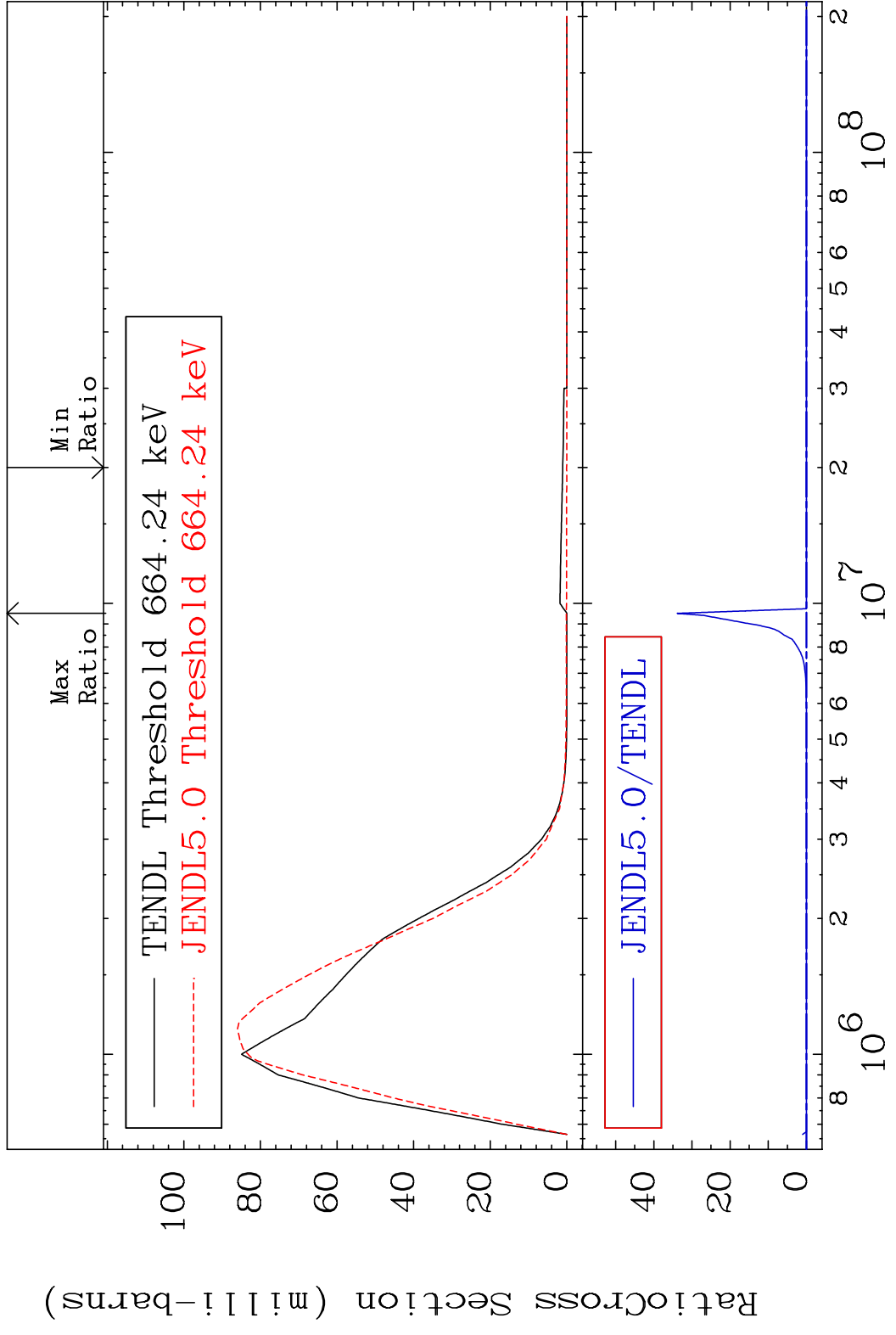
MAT 9434 MT= 54 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 33.27 %



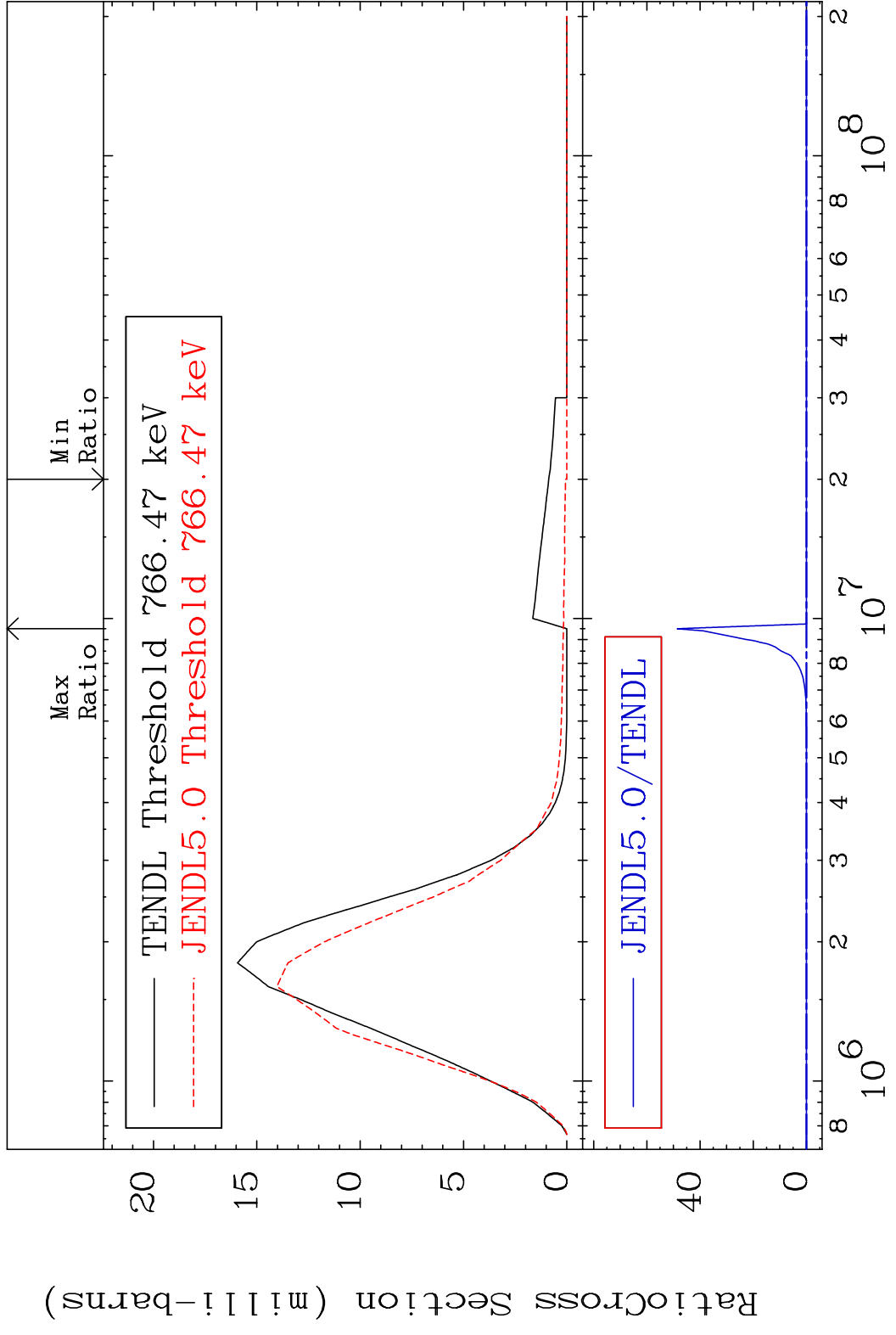
MAT 9434 MT= 55 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



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

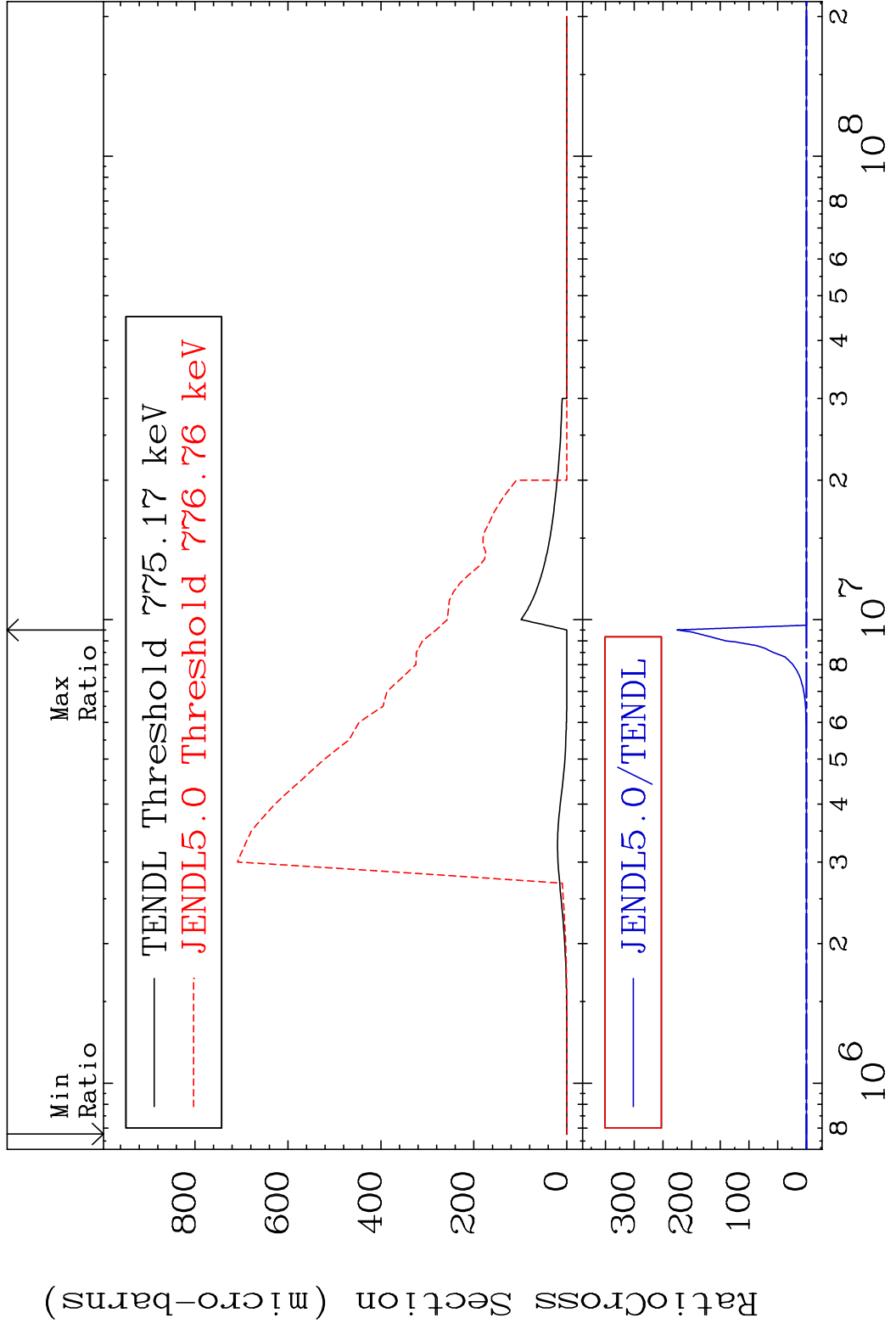


MAT 9434 MT= 57 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



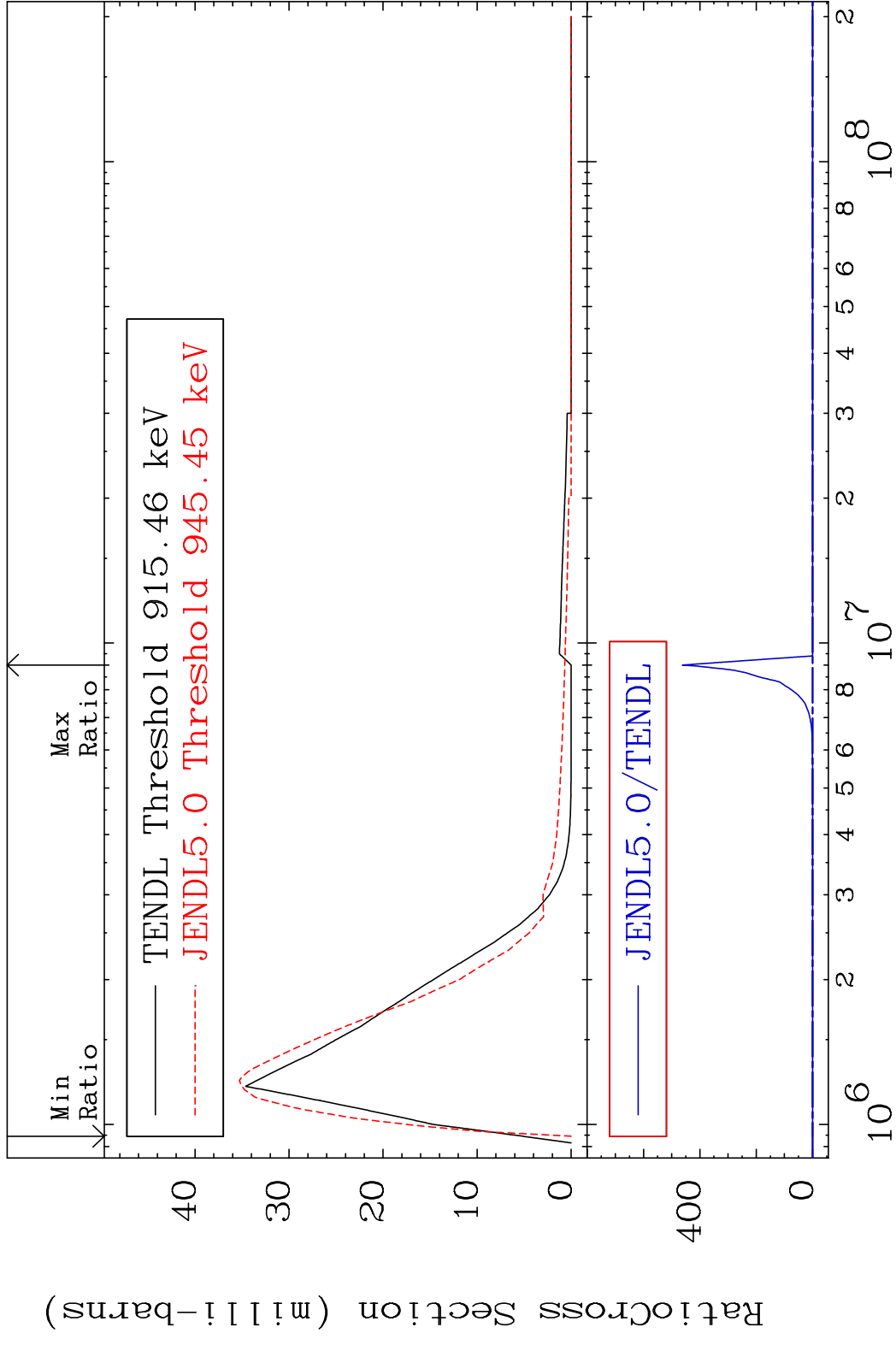
14 Incident Energy (eV) 94-Pu-238

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



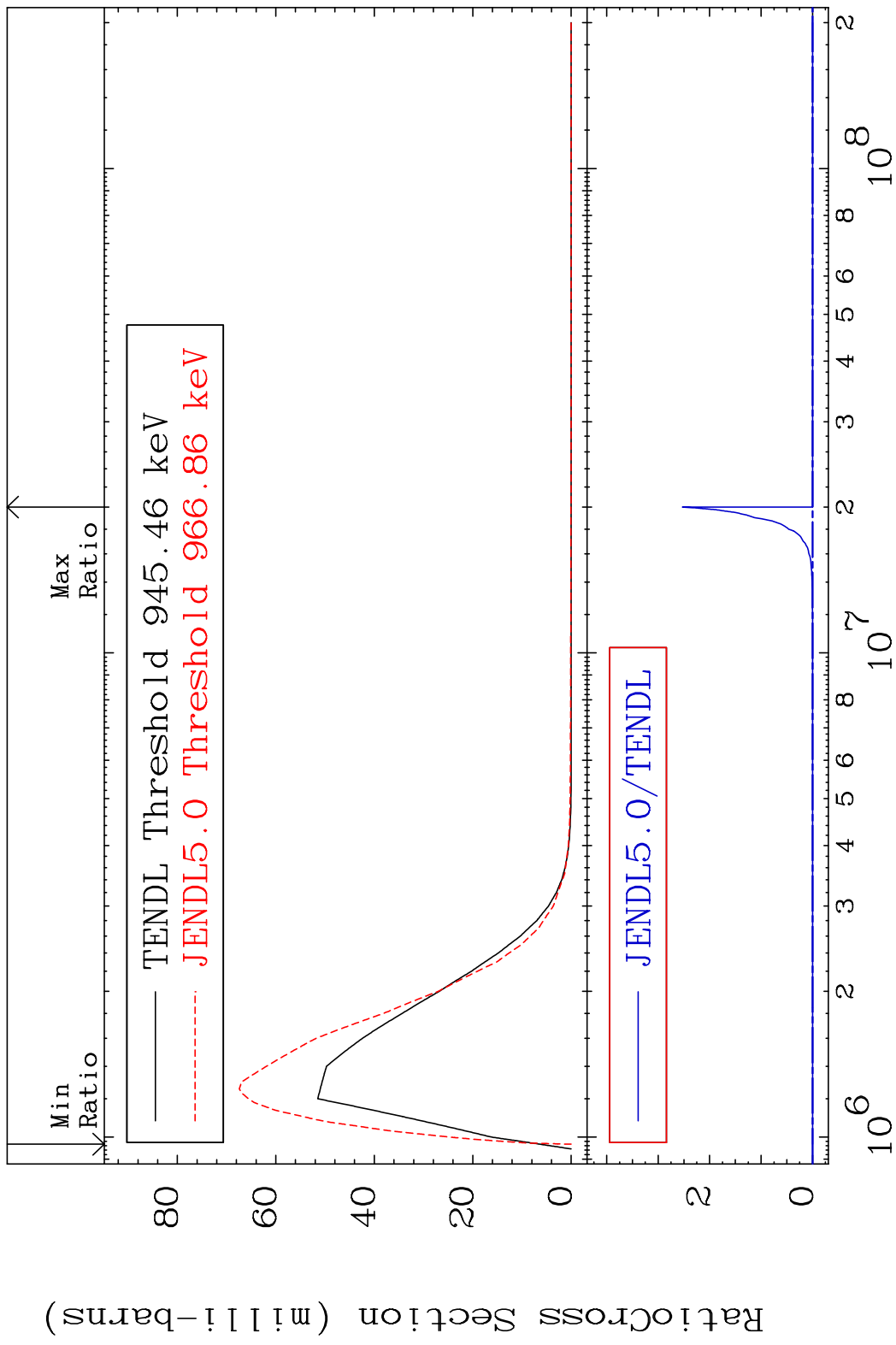


MAT 9434 MT= 59 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



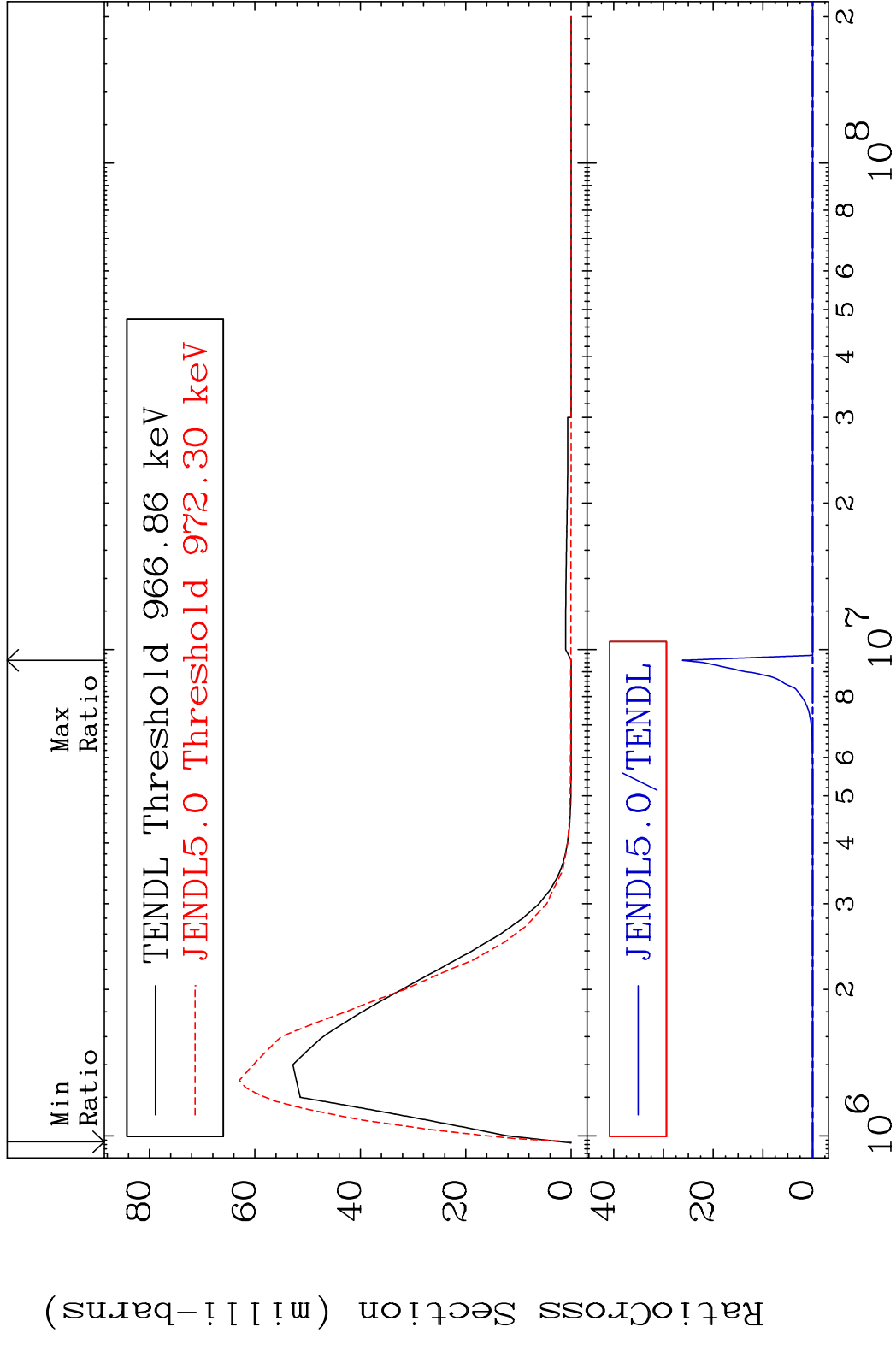
16 Incident Energy (eV) 94-Pu-238

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



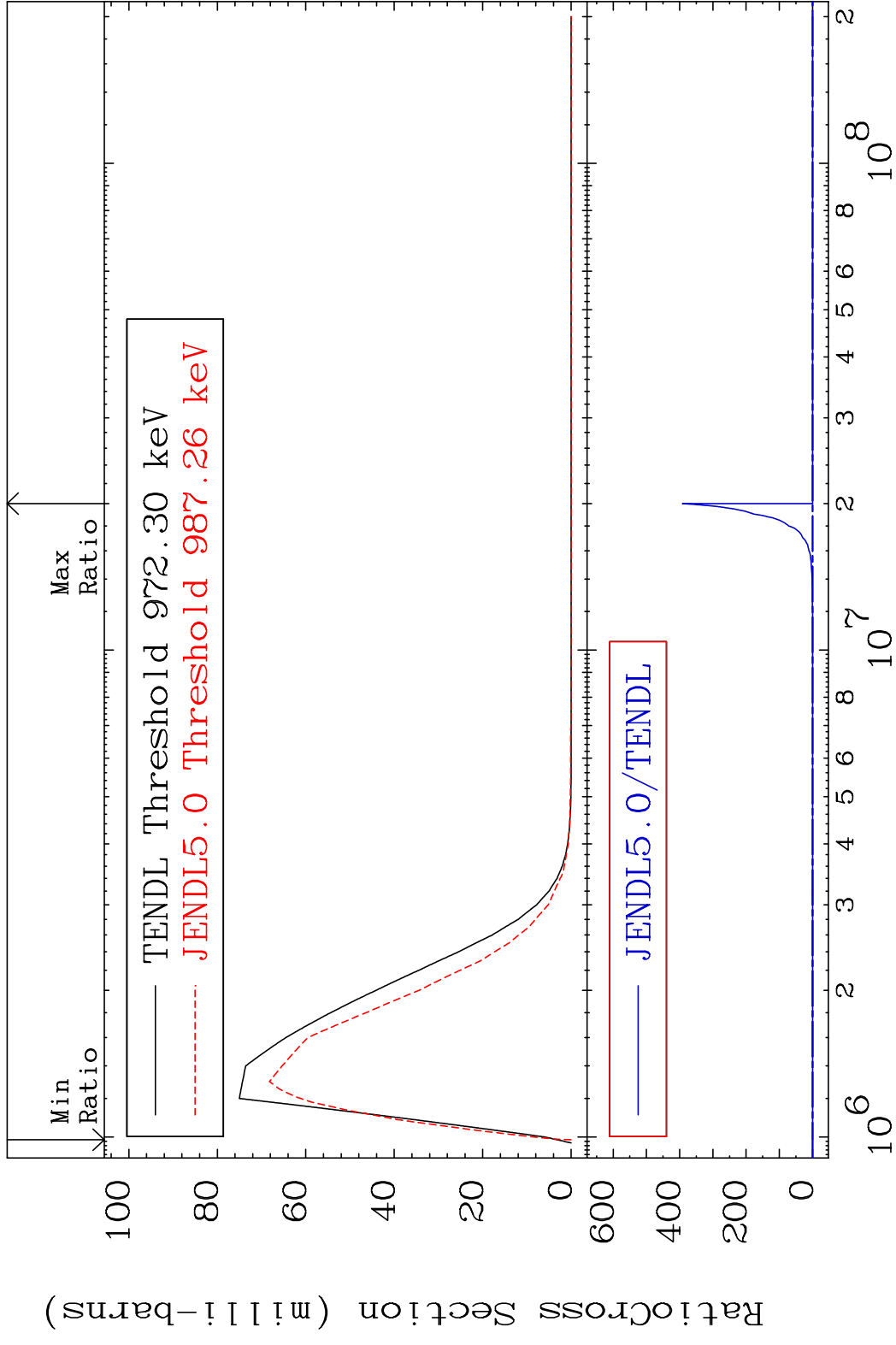
17 Incident Energy (eV) 94-Pu-238

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



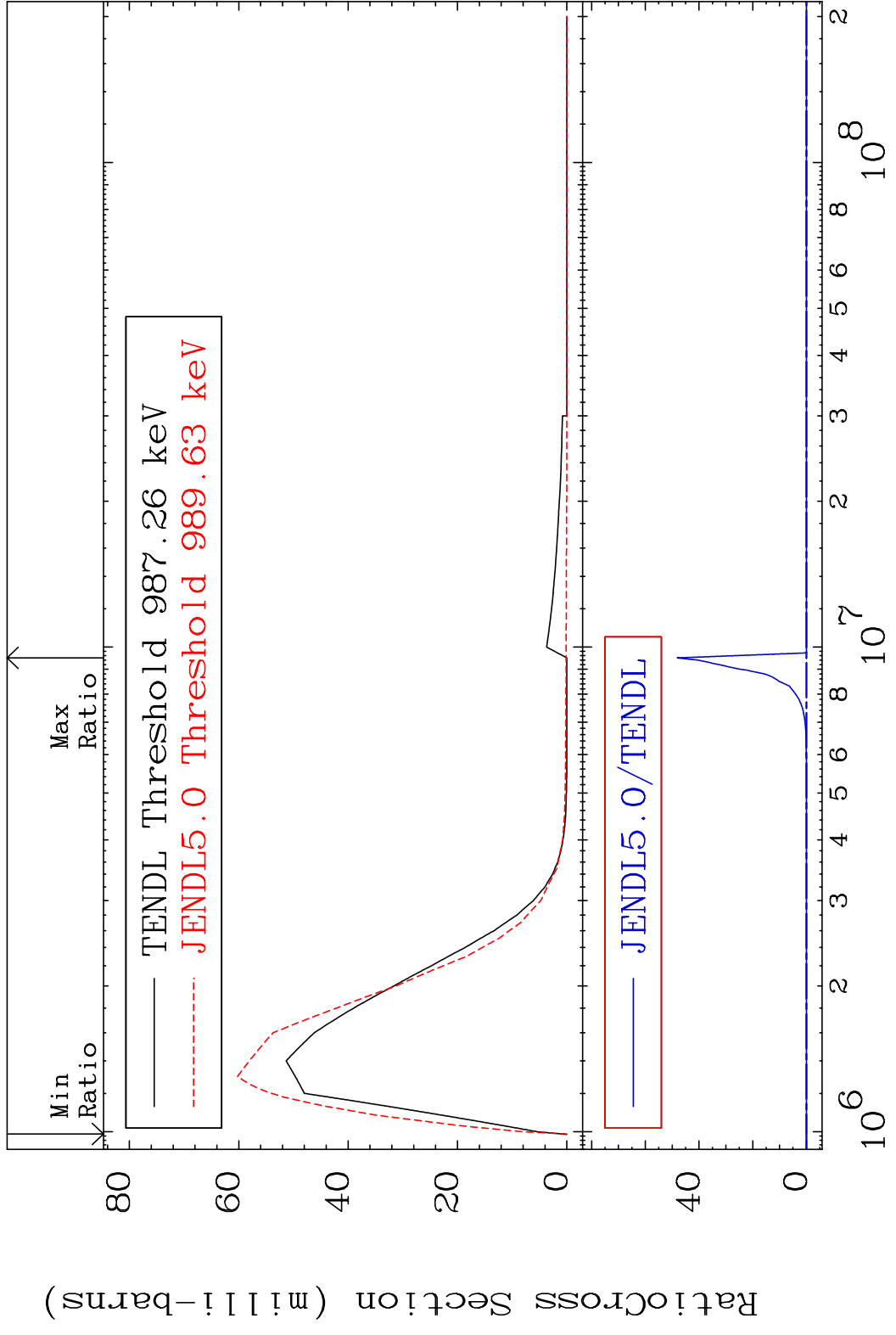
18 Incident Energy (eV) 94-Pu-238

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

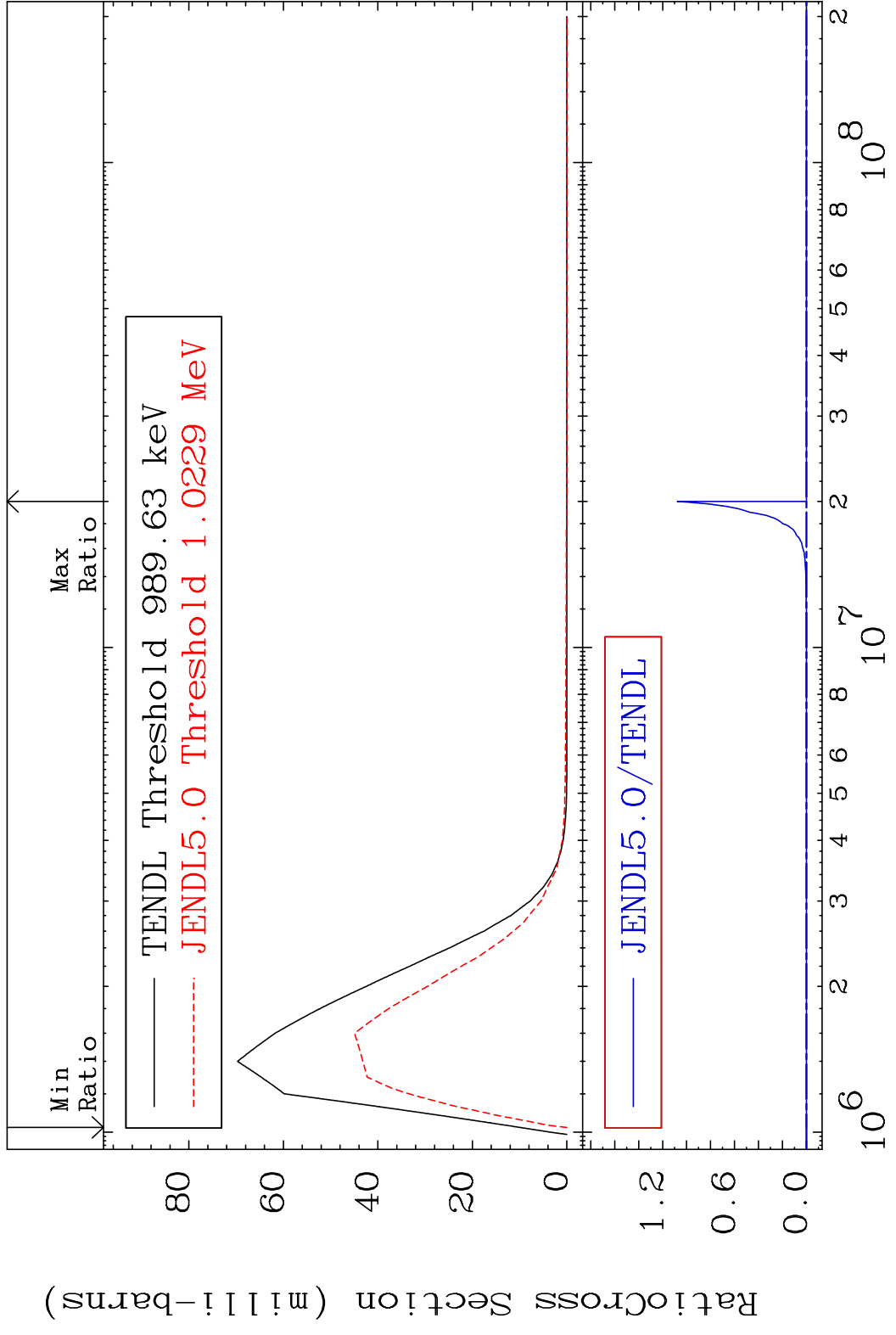


19 94-Pu-238

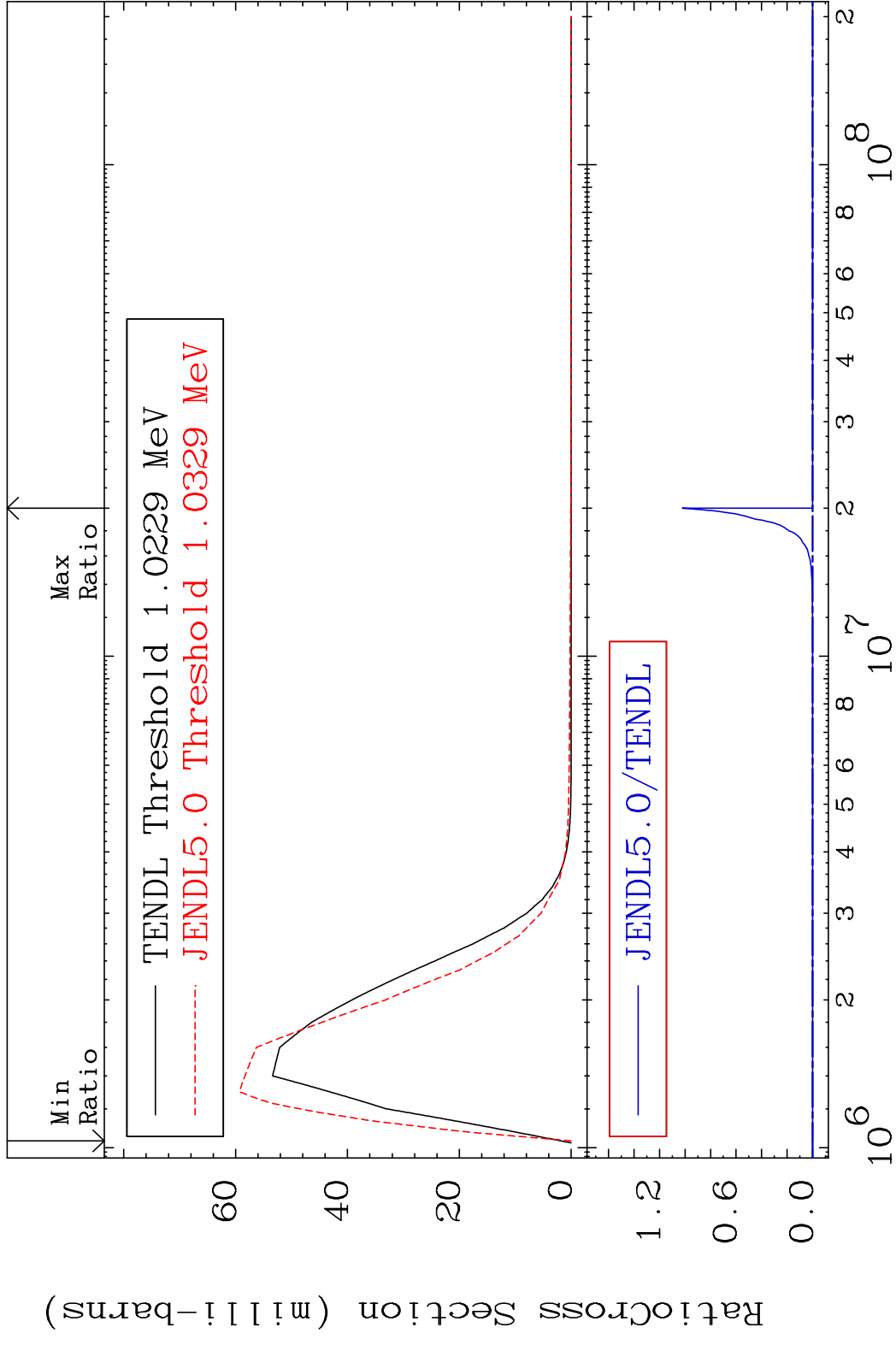
MAT 9434 MT= 63 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



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

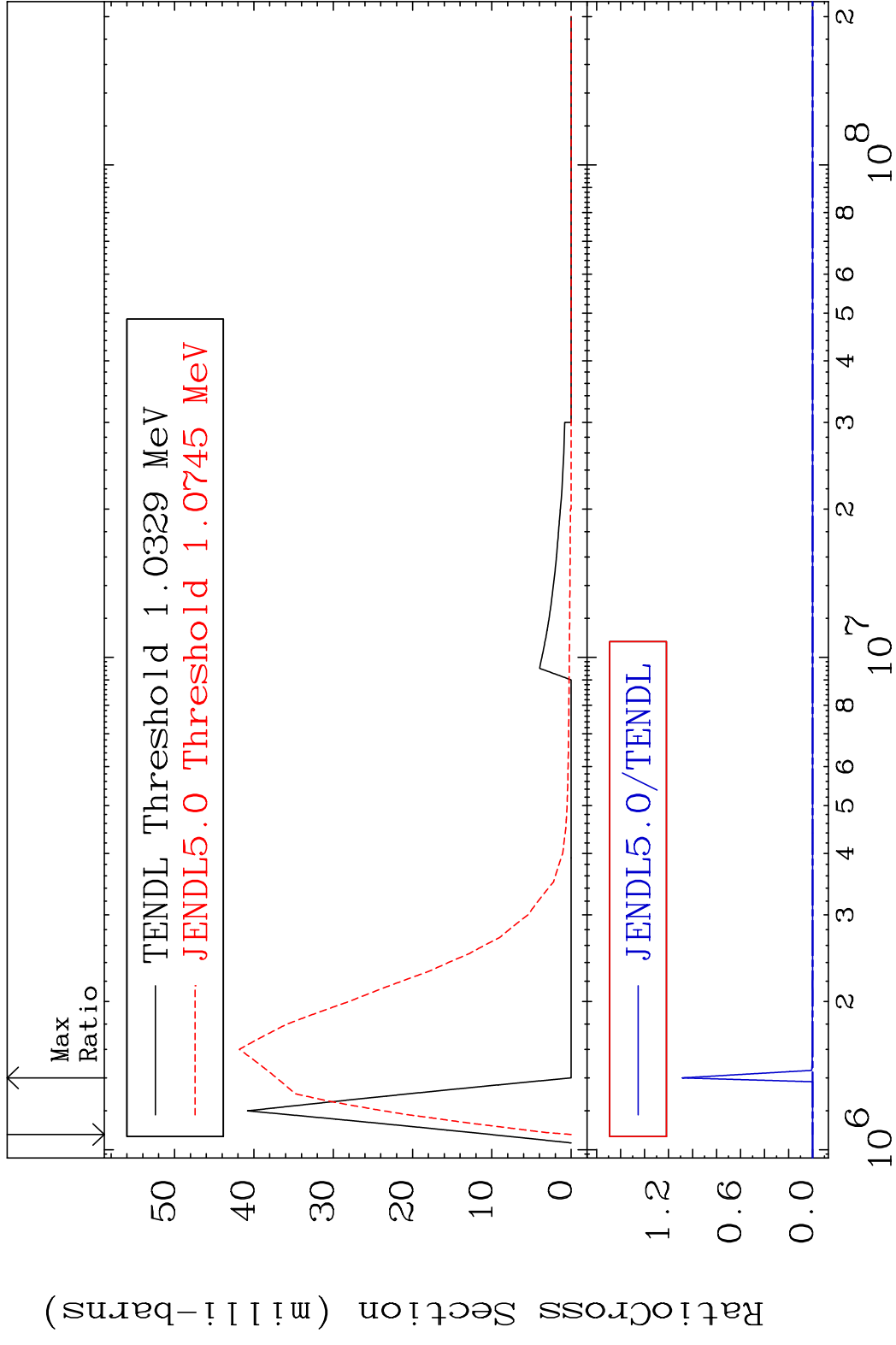


MAT 9434 MT= 65 (n, n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %



22 Incident Energy (eV) 94-Pu-238

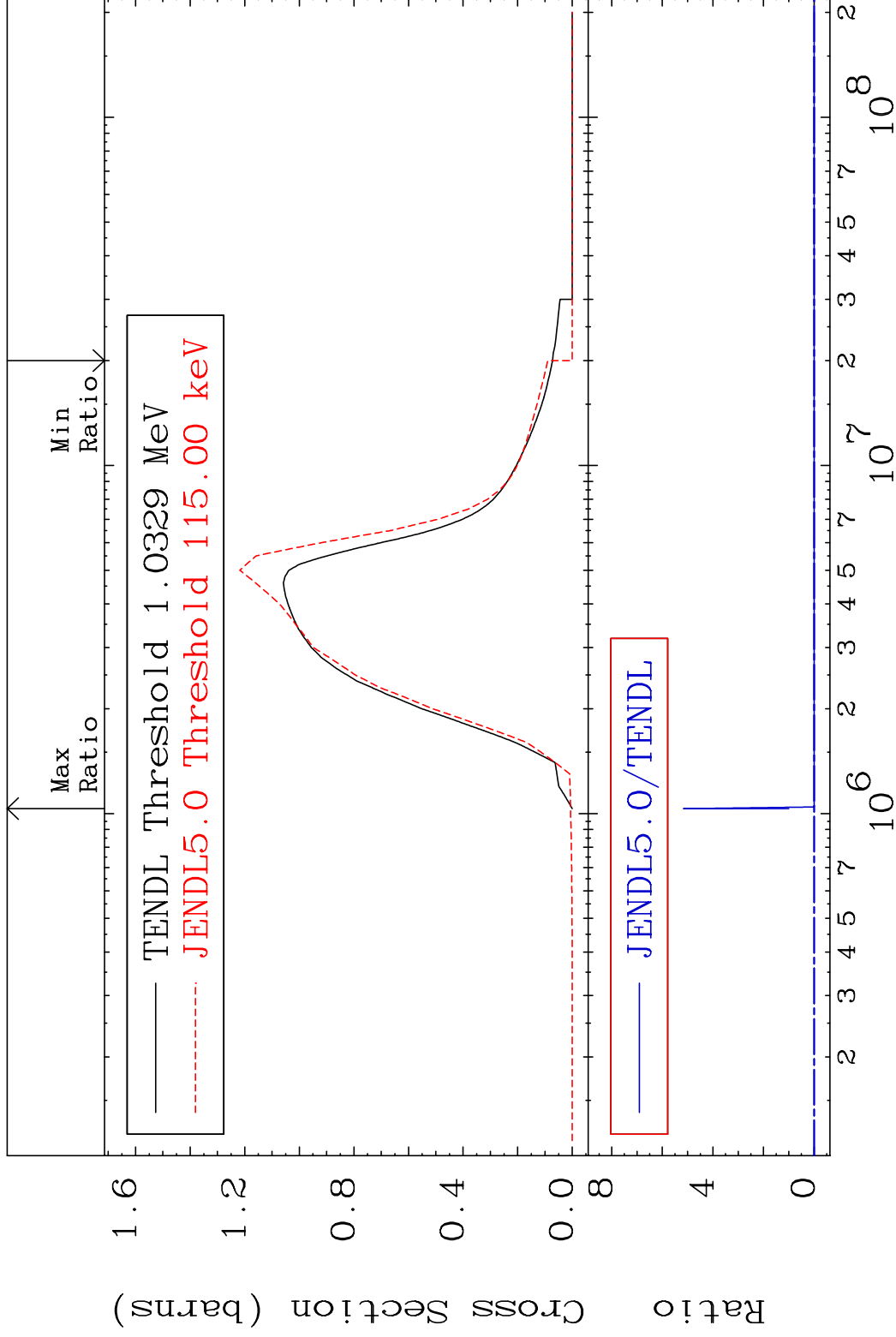
MAT 9434 MT= 66 (n,n') Level 94-Pu-238  
 Cross Section -100.0 To 9999. %





MAT 9434

(n, n') Continuum 94-Pu-238  
Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

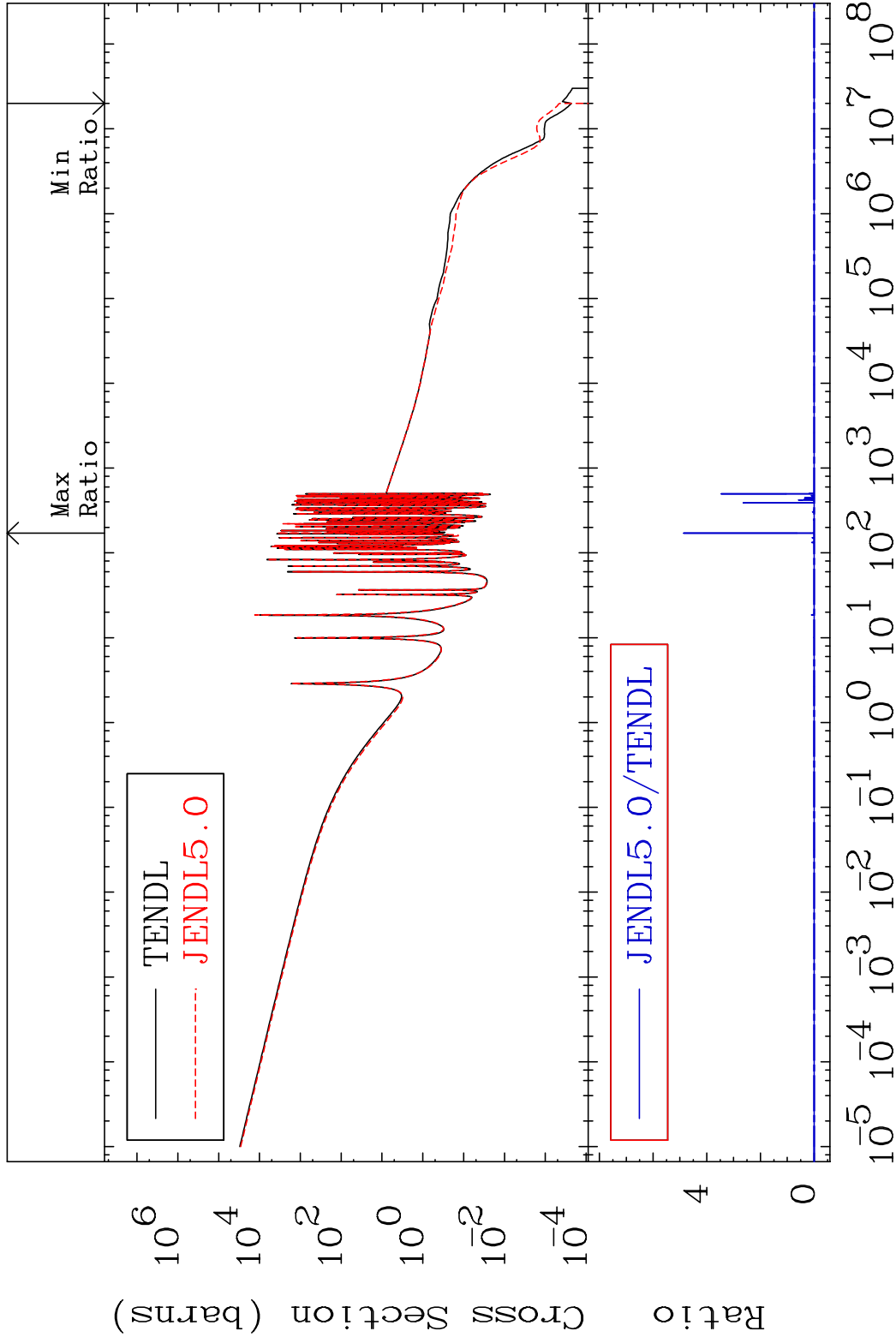
94-Pu-238

MAT 9434

(n,  $\gamma$ )

94-Pu-238

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

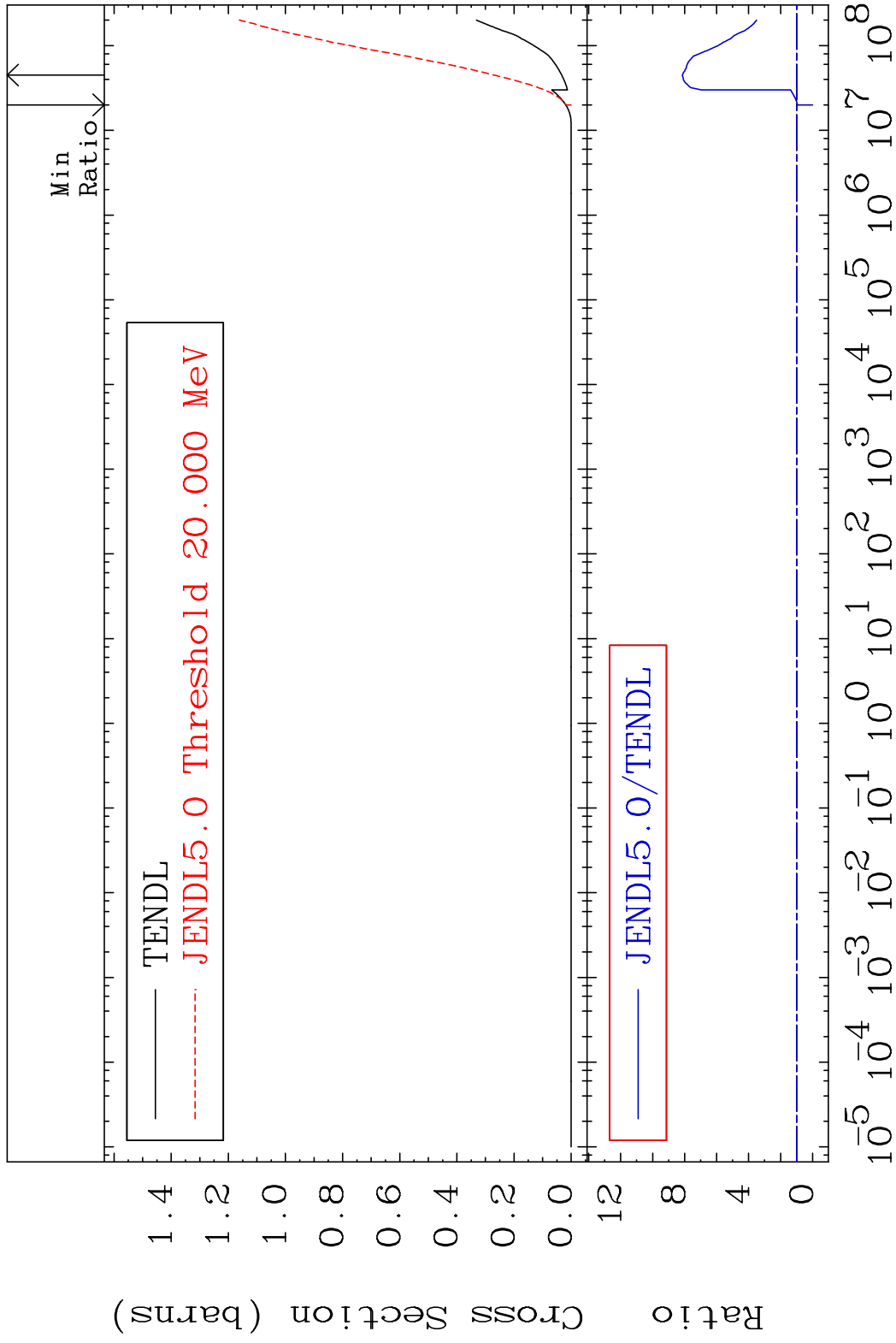
94-Pu-238

MAT 9434

Hydrogen Production

94-Pu-238

Cross Section -100.0 To 714.2 %



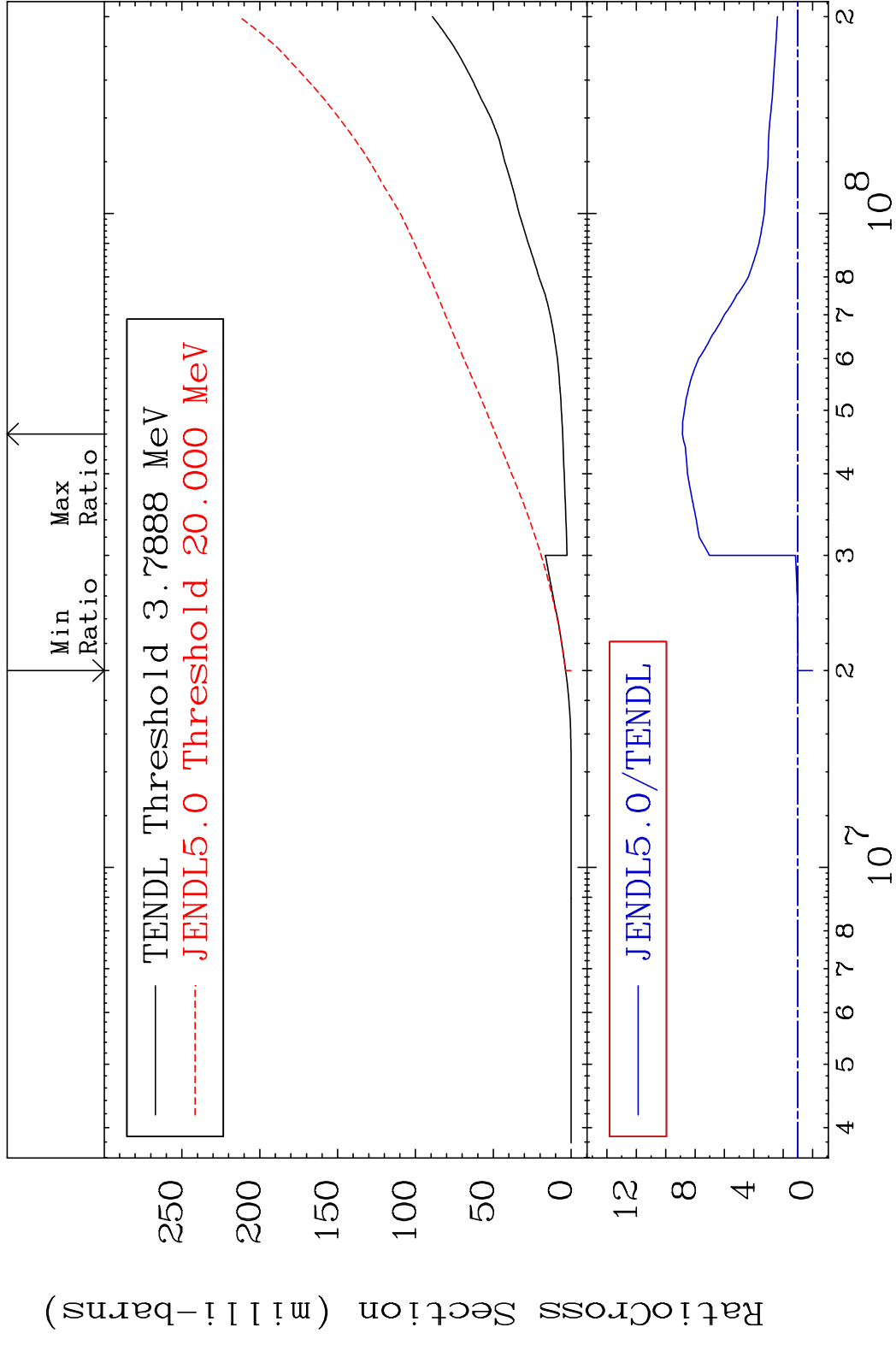
26

Incident Energy (eV)

94-Pu-238

MAT 9434

Deuterium Production 94-Pu-238  
Cross Section -100.0 To 786.8 %

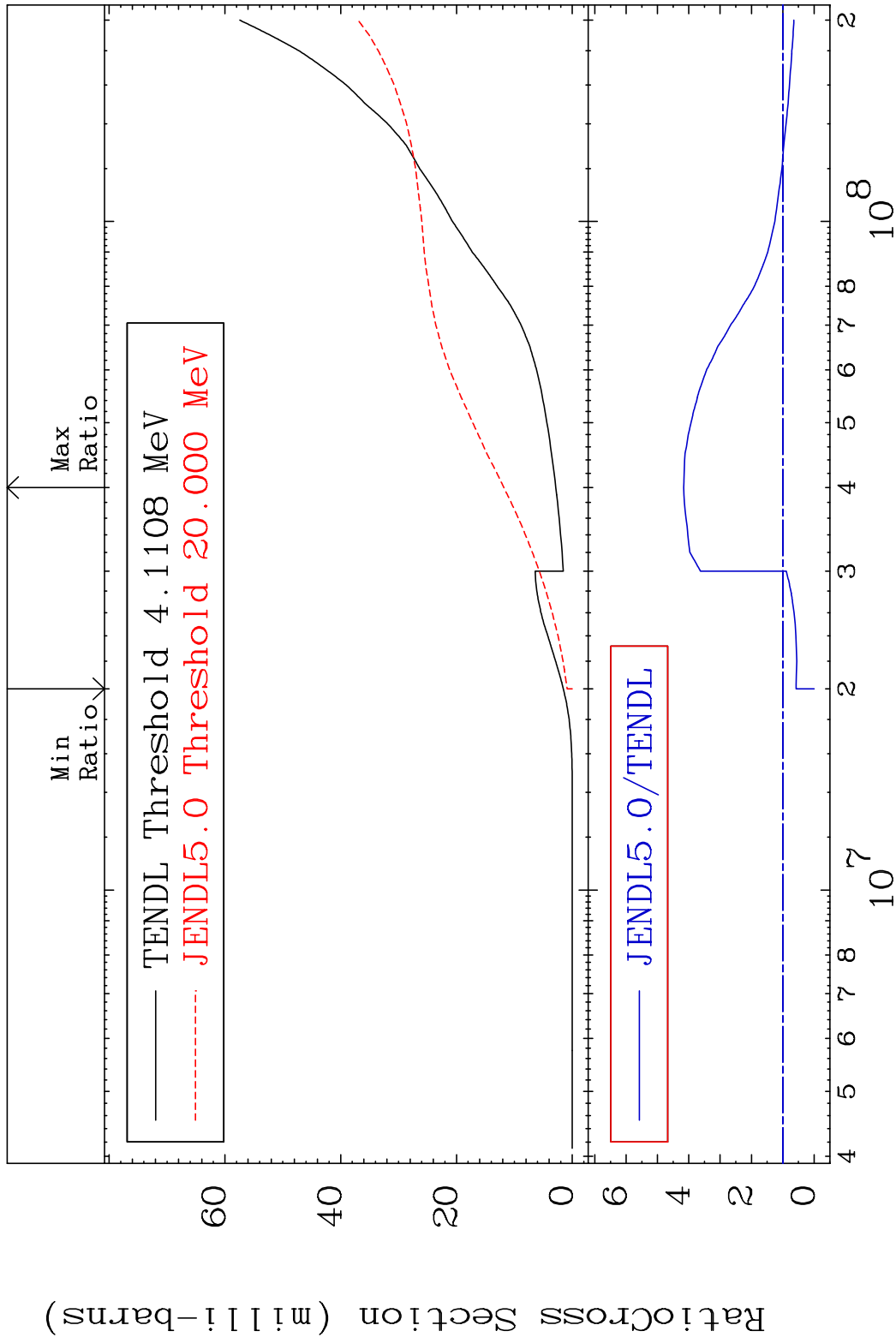


MAT 9434

Tritium Production

94-Pu-238

Cross Section -100.0 To 316.4 %



28

Incident Energy (eV)

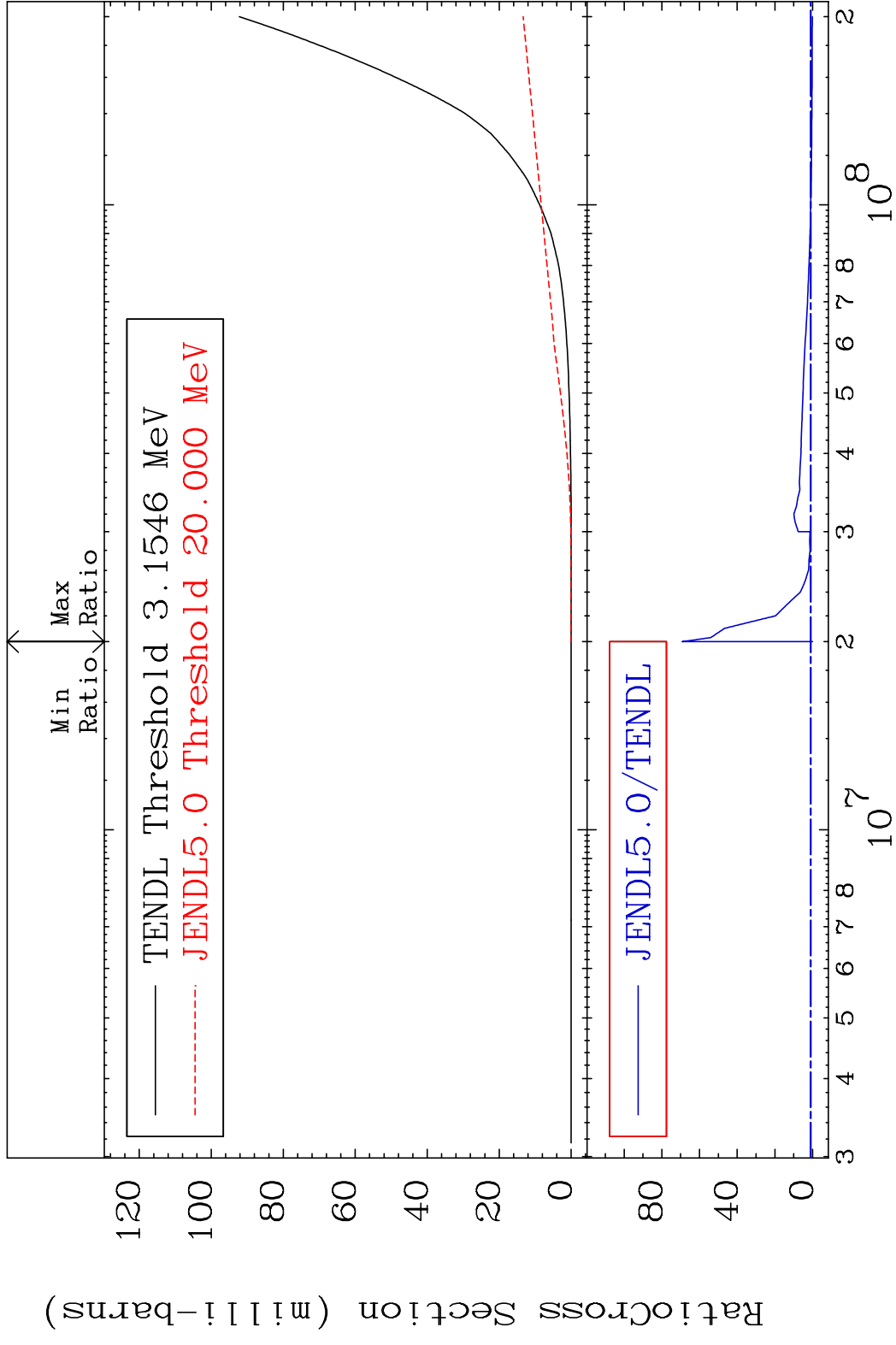
94-Pu-238

MAT 9434

He-3 Production

94-Pu-238

Cross Section -100.0 To 6810. %

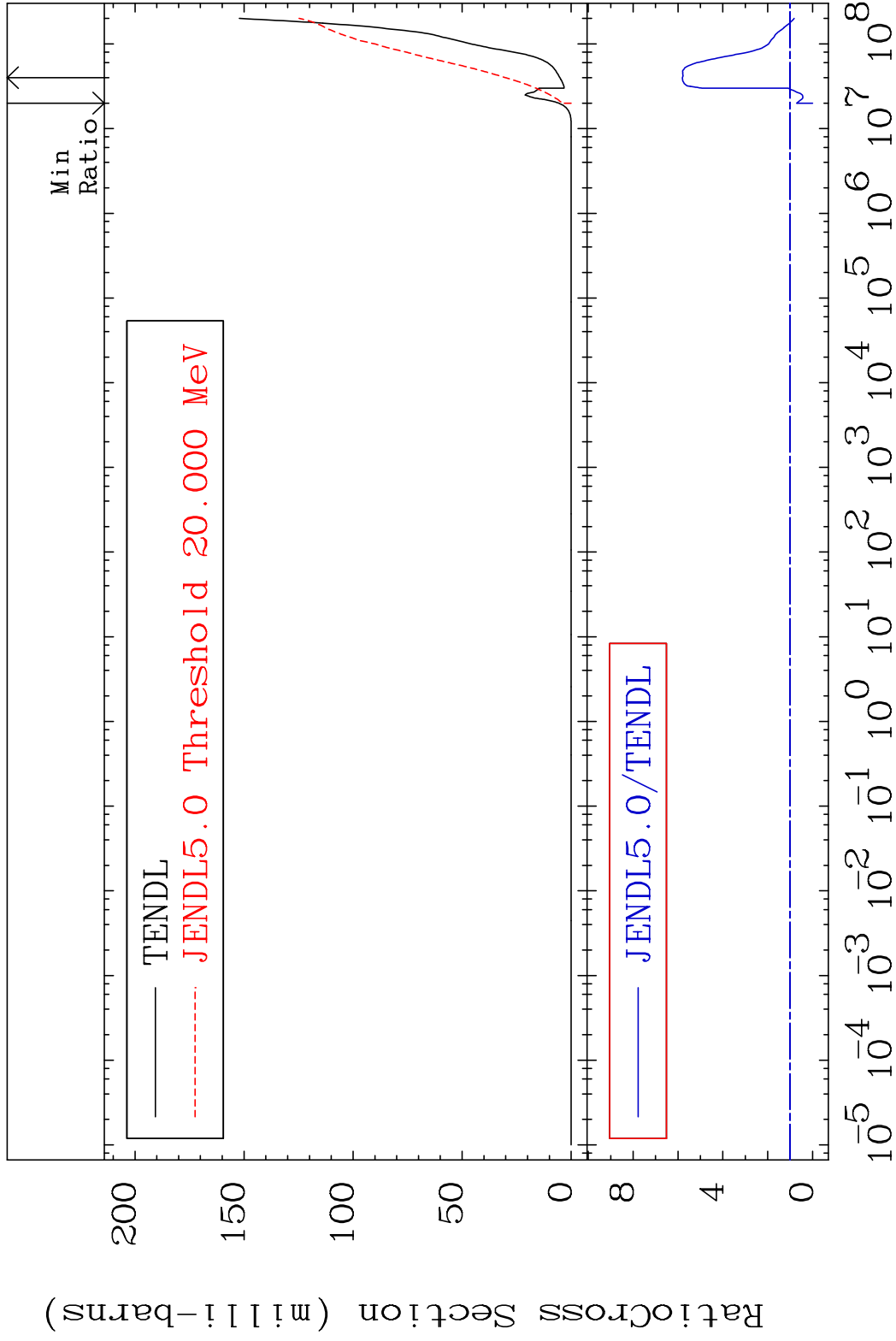


MAT 9434

He-4 Production

94-Pu-238

Cross Section -100.0 To 480.4 %



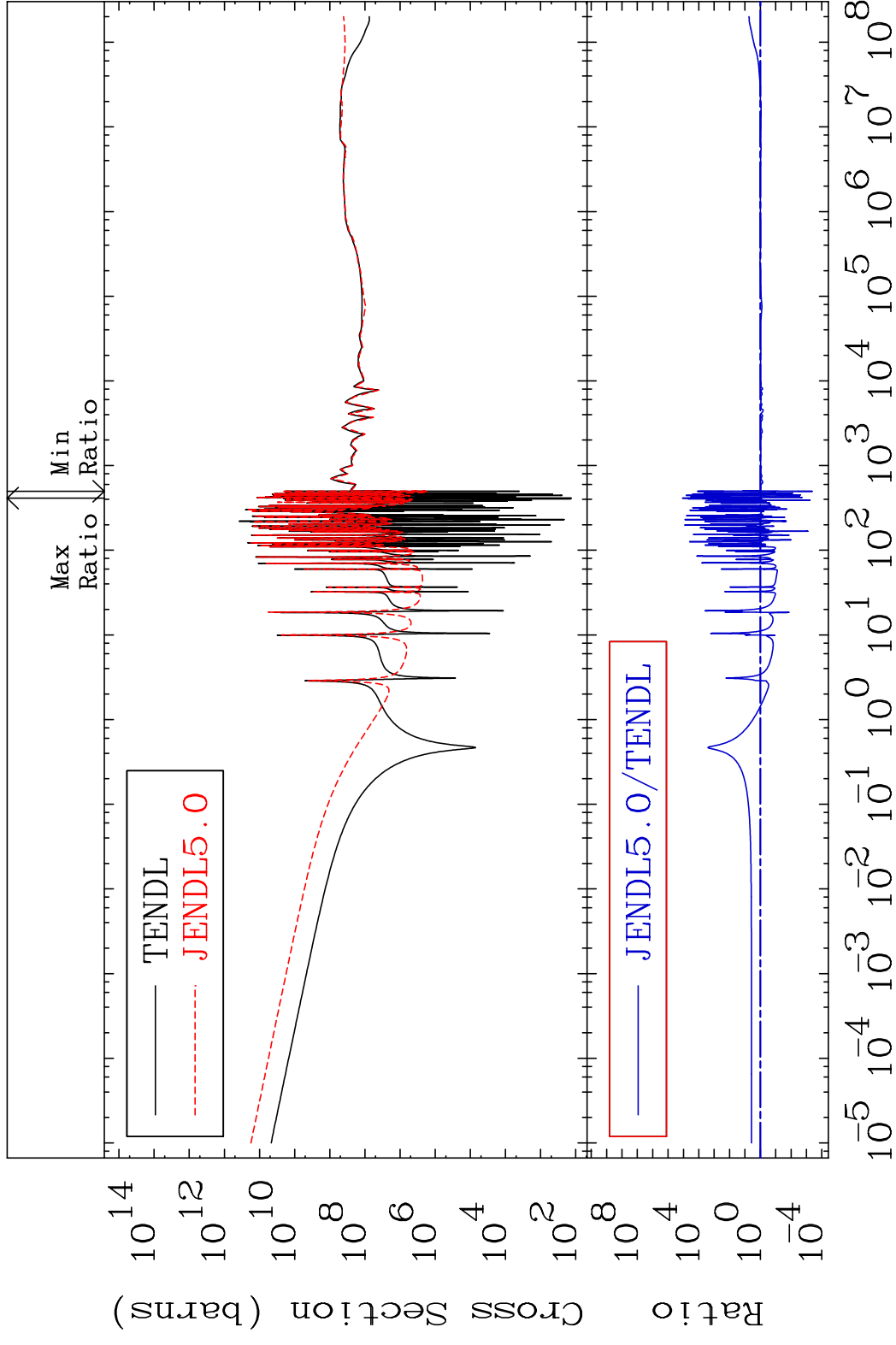
30

Incident Energy (eV)

94-Pu-238

MAT 9434

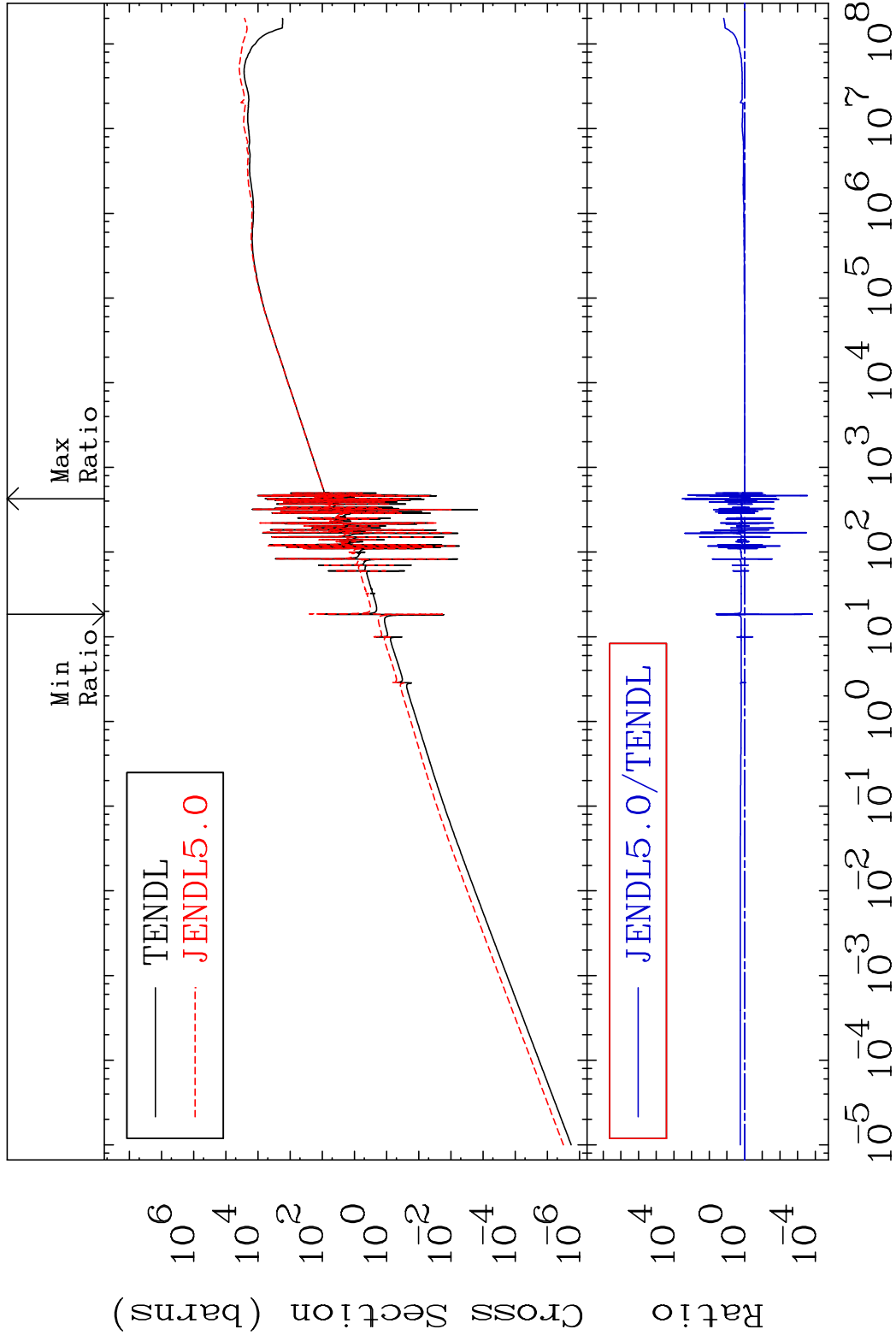
Kerma total (eV-barns) 94-Pu-238  
Cross Section -99.96 To 9999. %



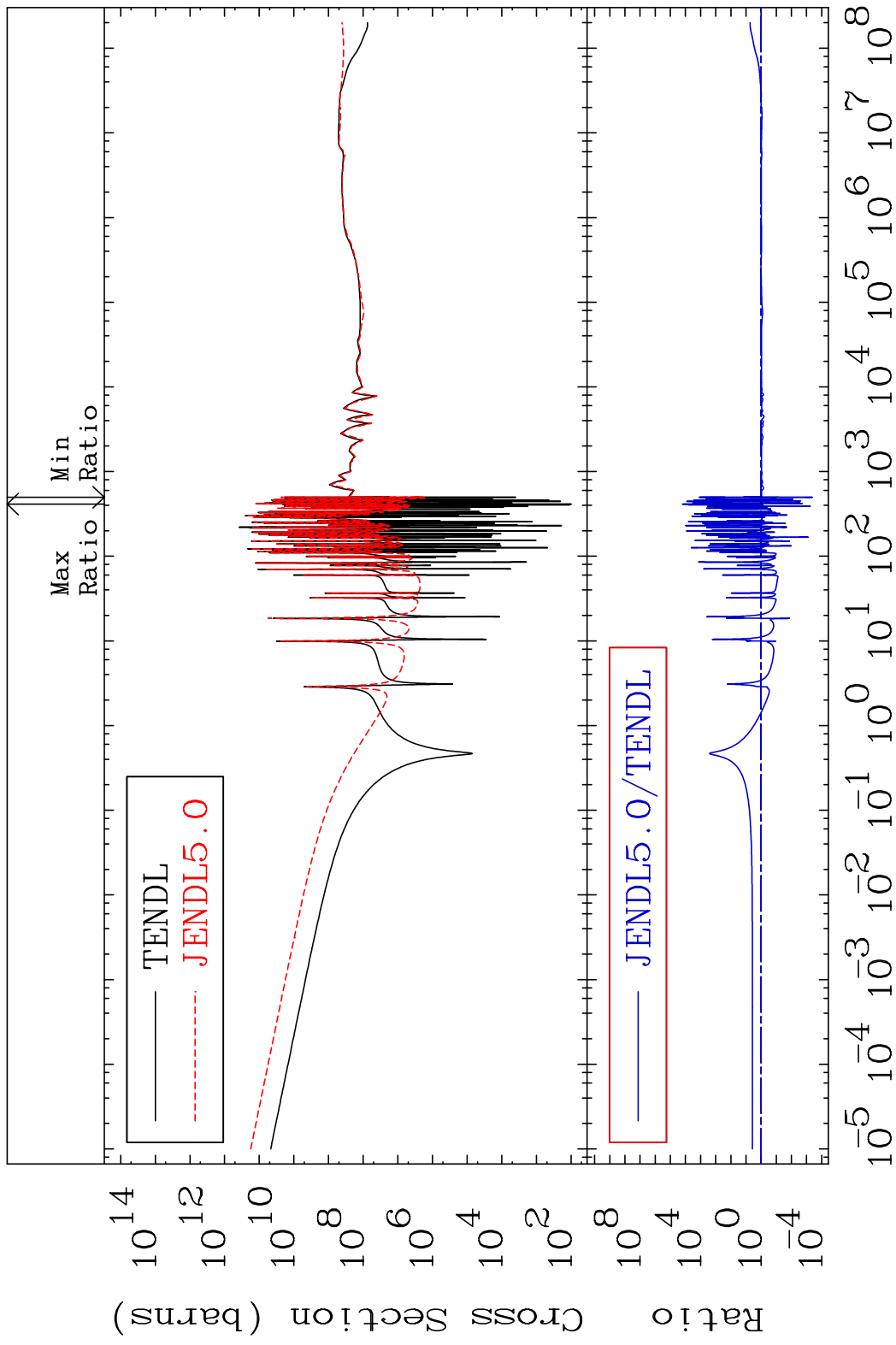


MAT 9434

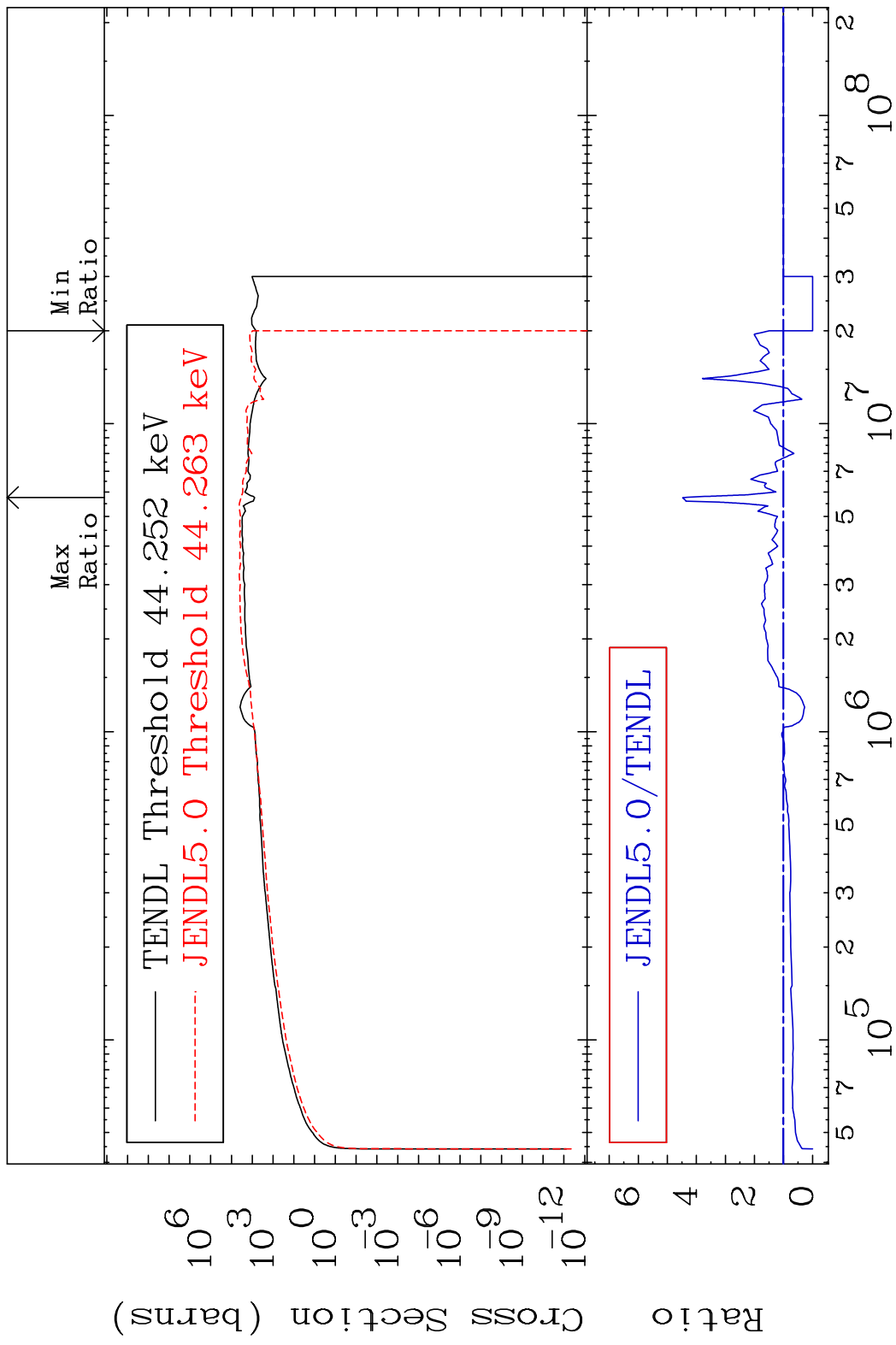
Kerma elastic Cross Section -99.99 To 9999. %  
94-Pu-238



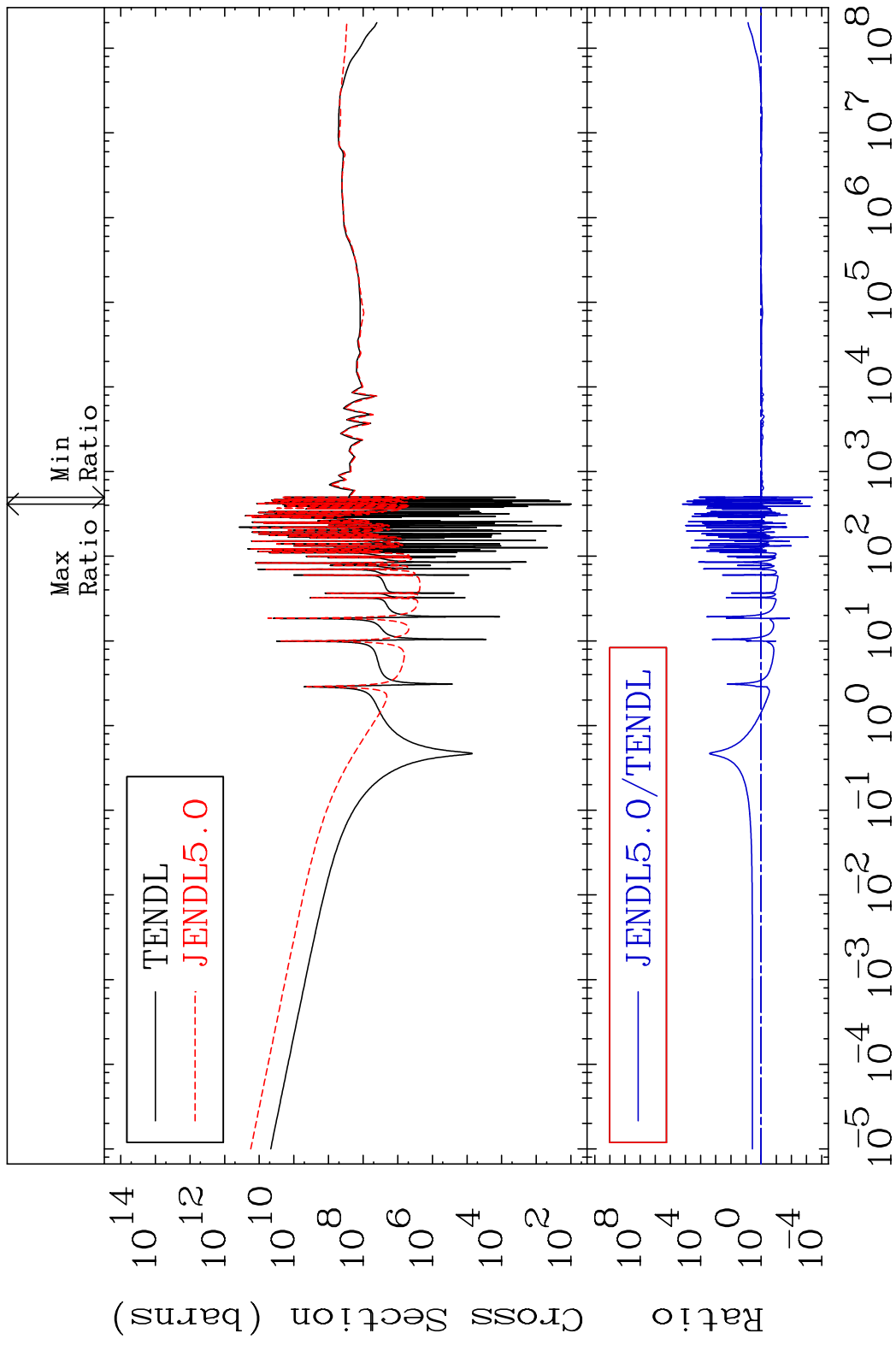
MAT 9434 Kerma non-elastic (all but mt2) 94-Pu-238  
 Cross Section -99.96 To 9999. %



MAT 9434 Kerma inelastic (mt51-91) 94-Pu-238  
 Cross Section -100.0 To 348.3 %



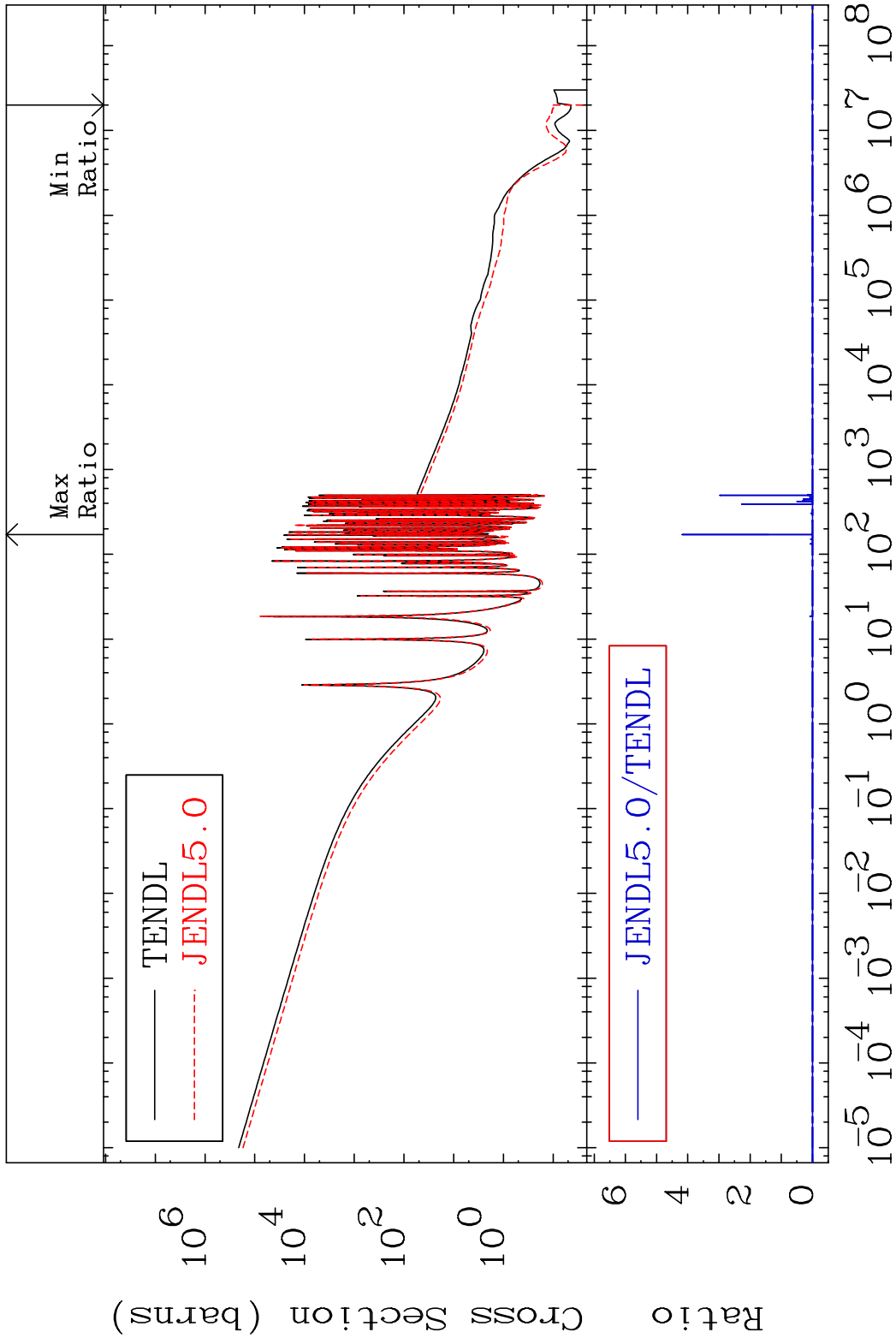
MAT 9434 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-238  
 Cross Section -99.96 To 9999. %



MAT 9434

Kerma capture (mt102) 94-Pu-238

Cross Section -100.0 To 9999. %



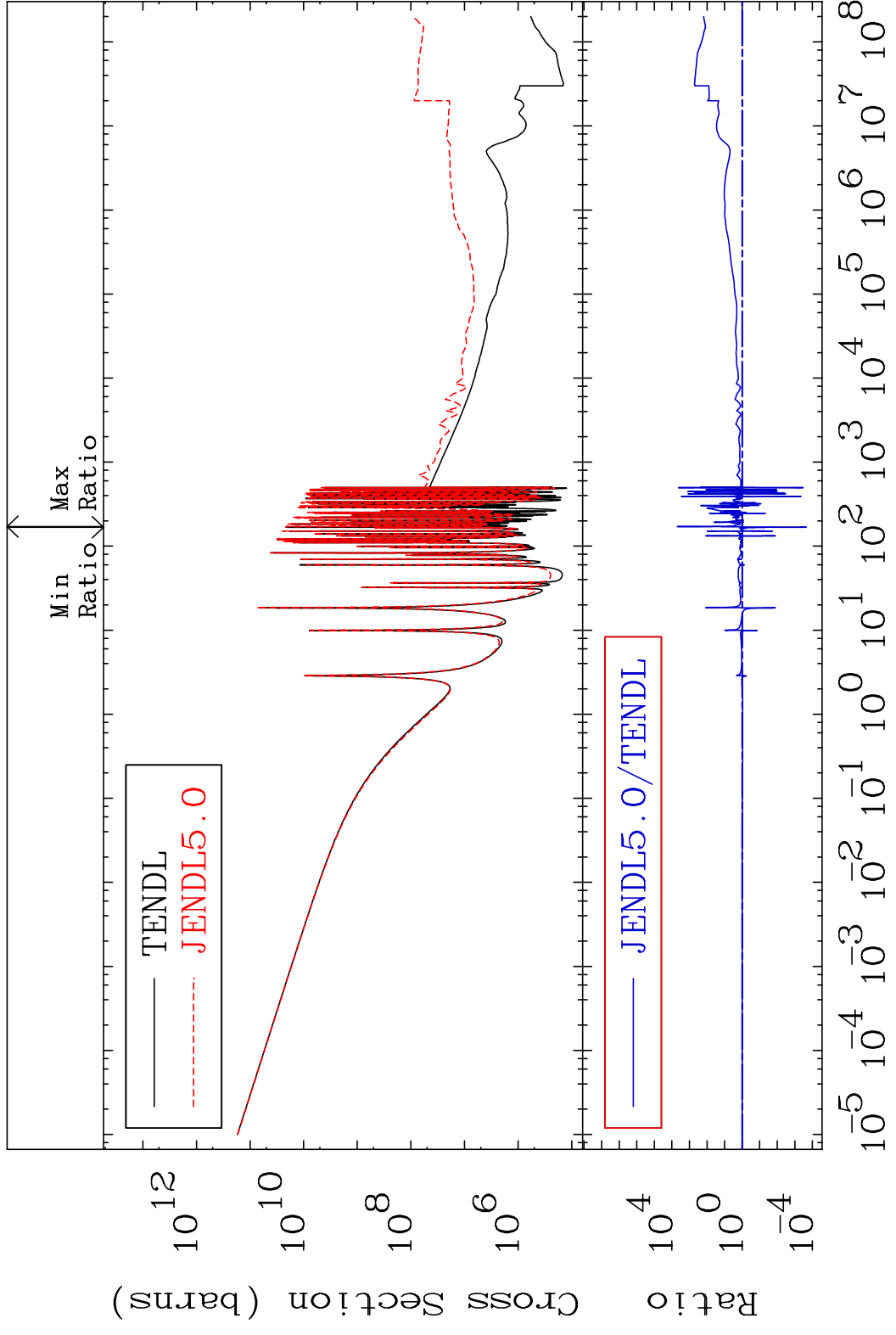
36

Incident Energy (eV)

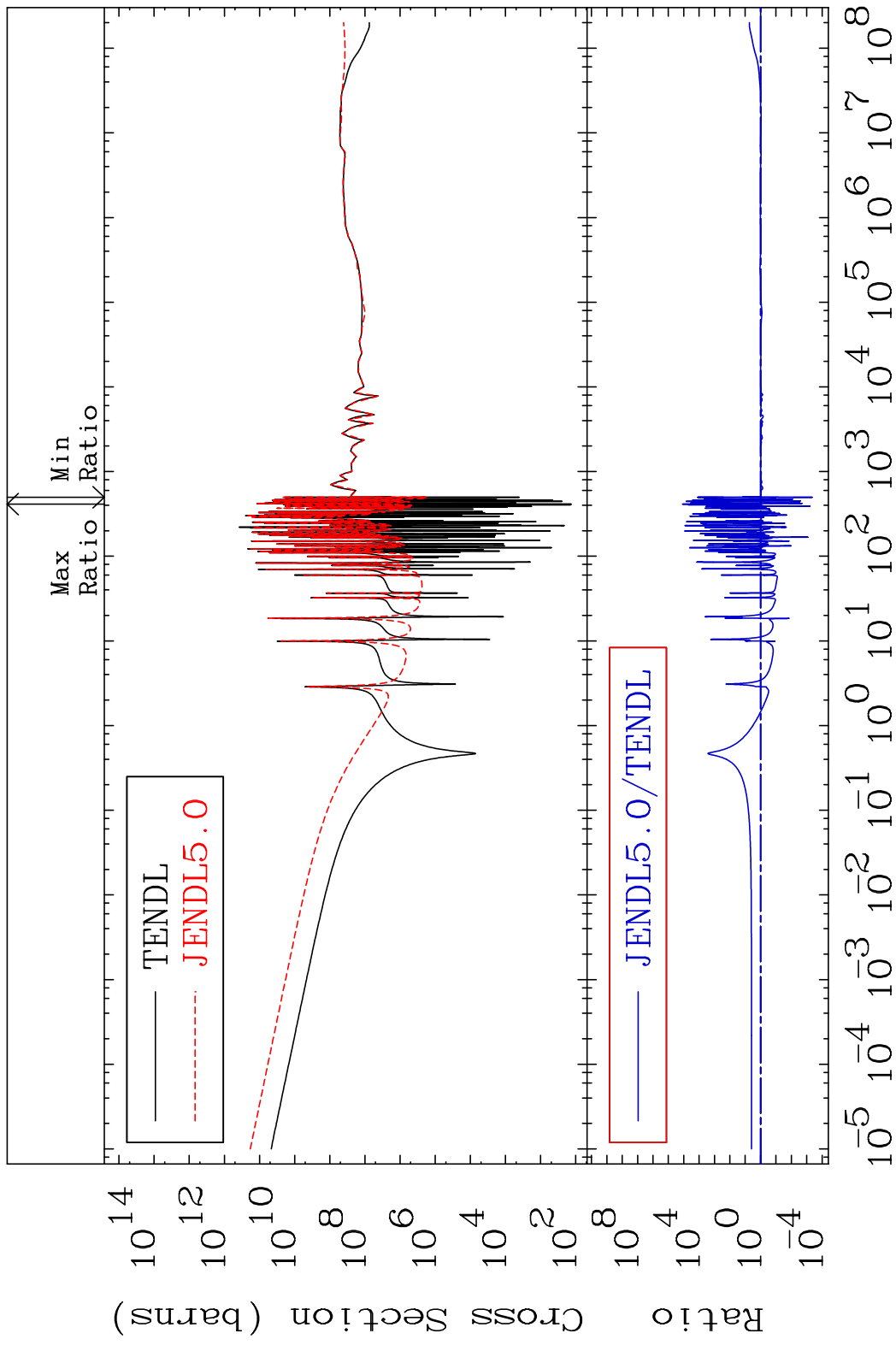
94-Pu-238

MAT 9434

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



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

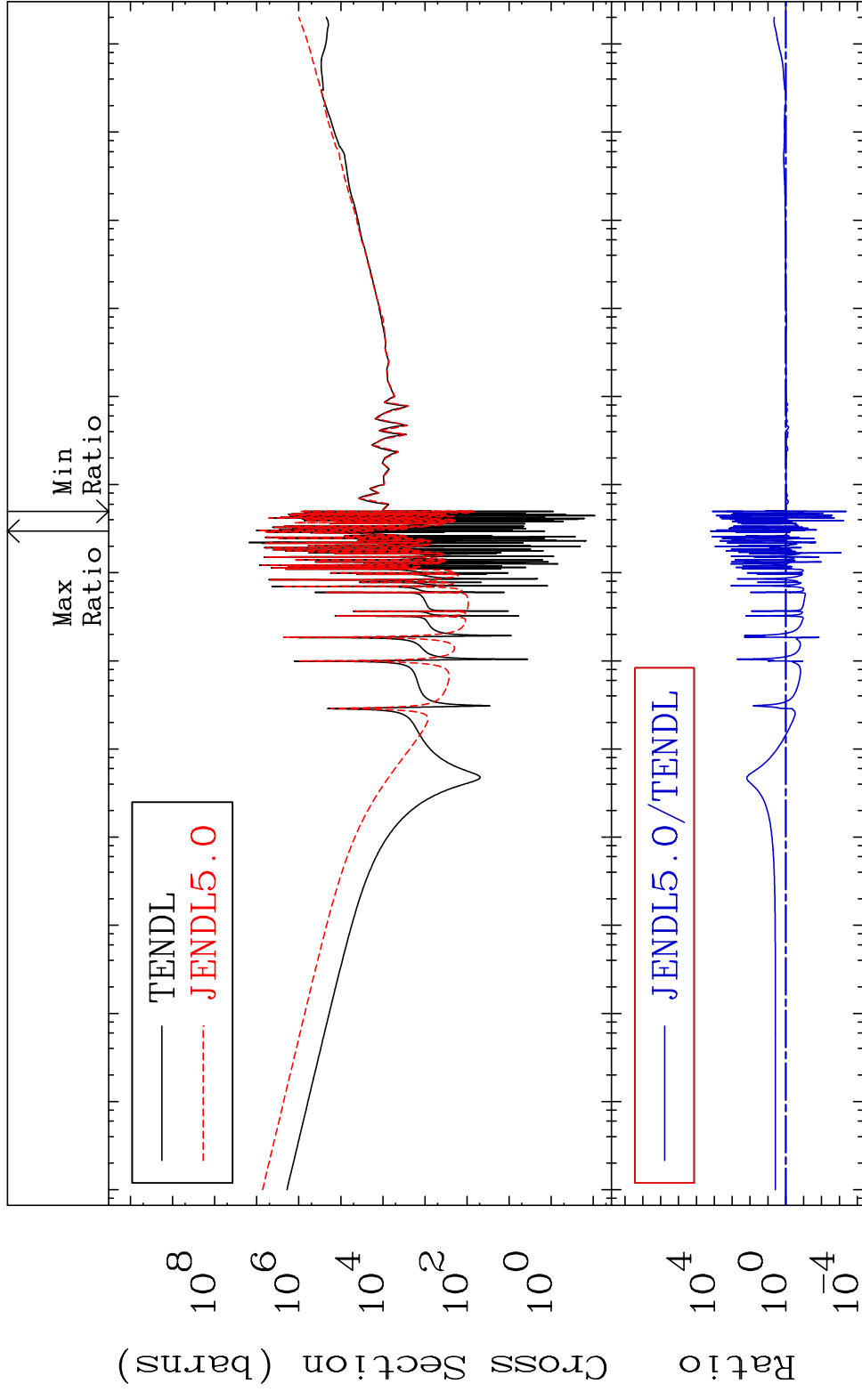


MAT 9434

Dpa total (eV-barns)

94-Pu-238

Cross Section -99.96 To 9999. %



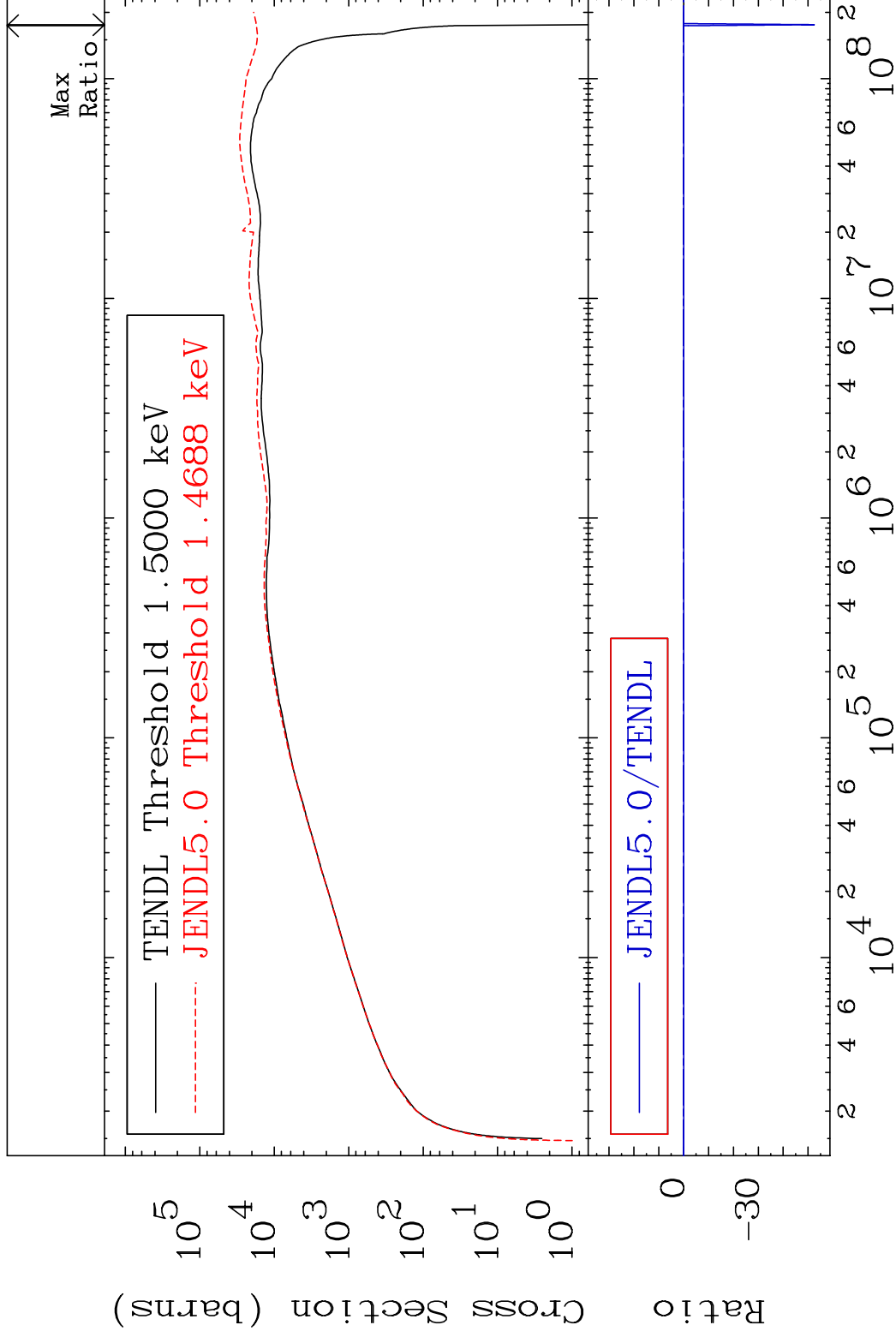


MAT 9434

Dpa elastic (mt2)

94-Pu-238

Cross Section -9999. To 9999. %

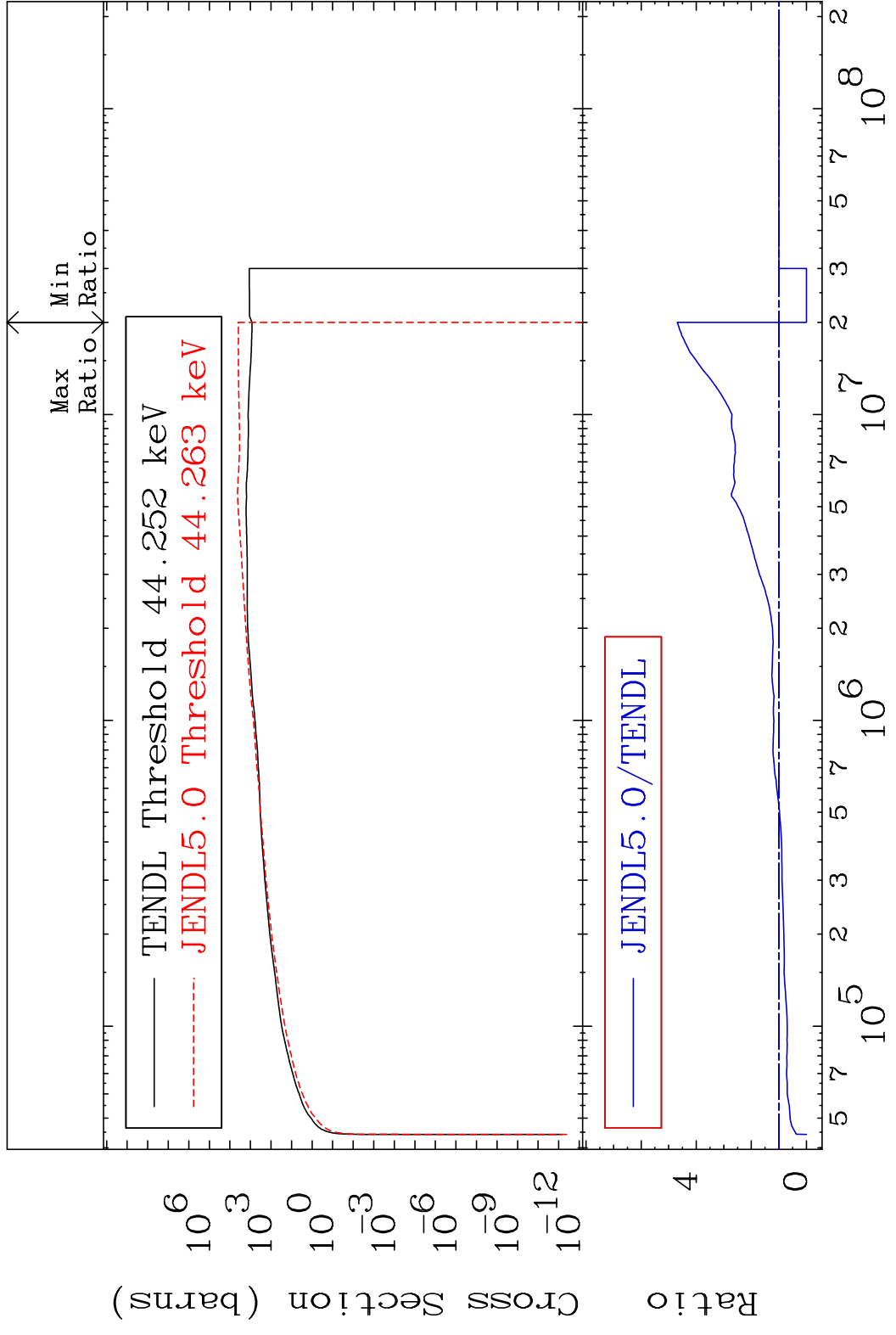


40

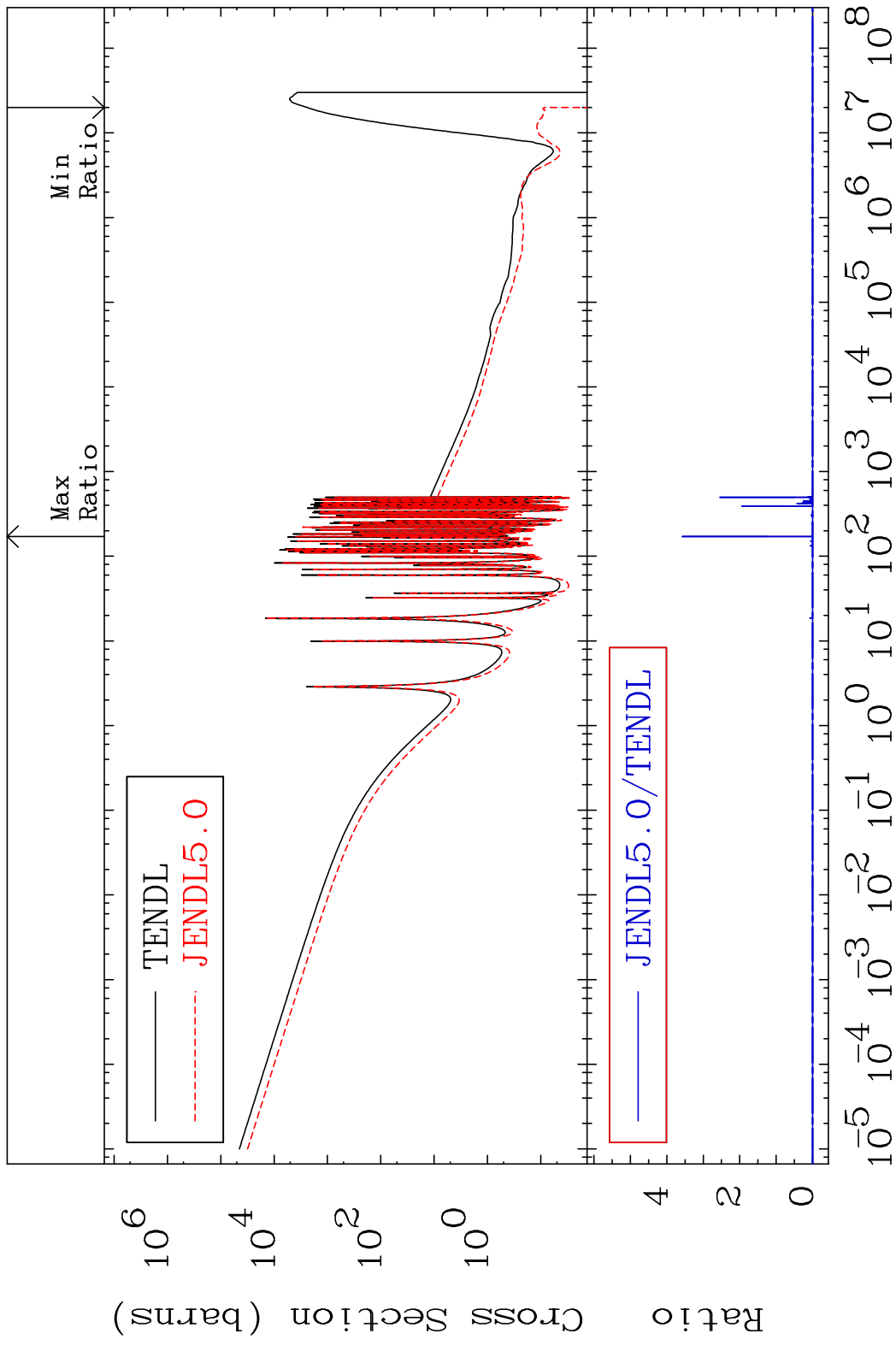
Incident Energy (eV)

94-Pu-238

MAT 9434      Dpa inelastic (mt51-91)      94-Pu-238  
 Cross Section      -100.0 To 369.1 %



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



42 Incident Energy (eV) 94-Pu-238