

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

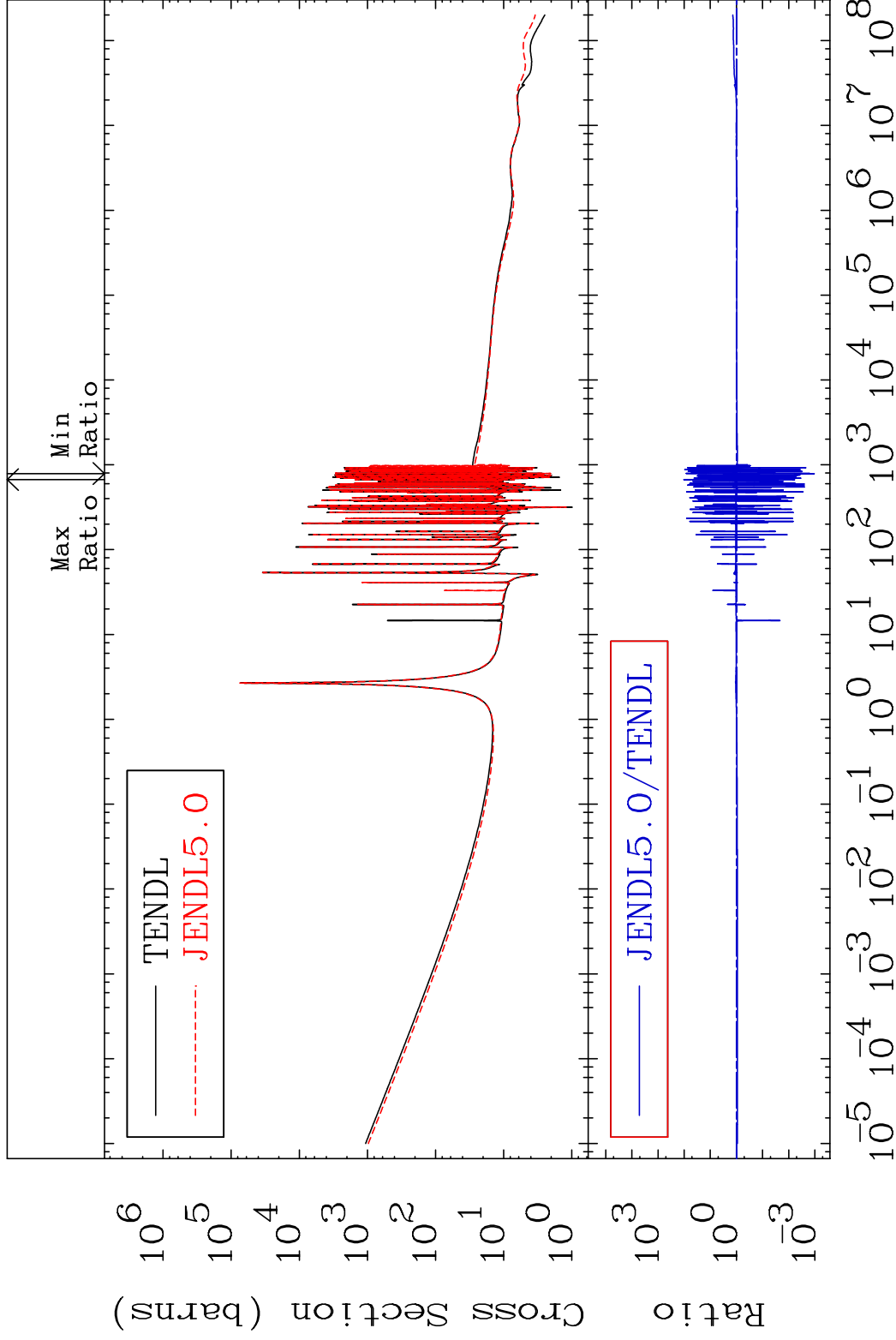
MAT 9446

Total

94-Pu-242

Cross Section

-99.89 To 9999. %



1

Incident Energy (eV)

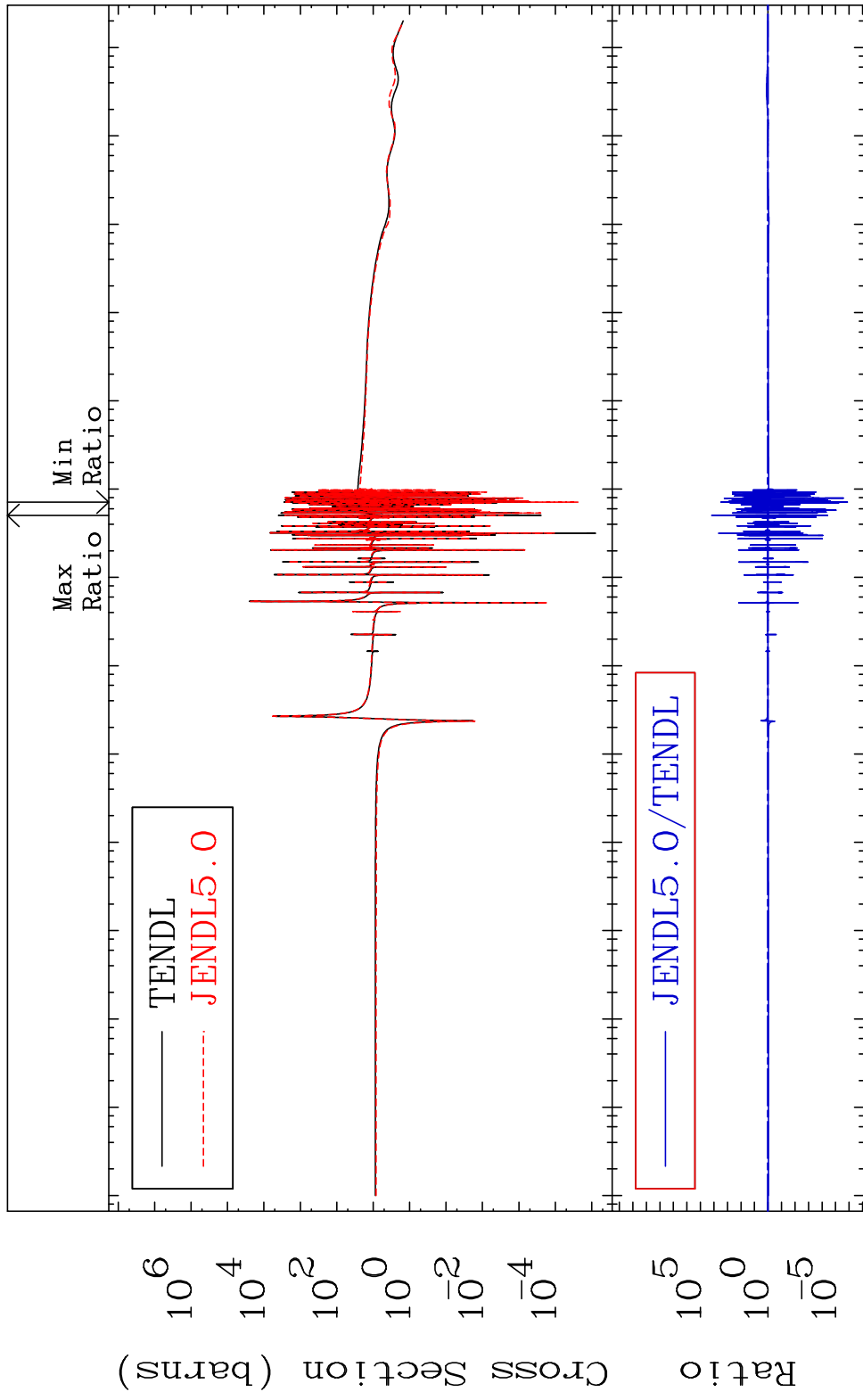
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -100.0 To 9999. %

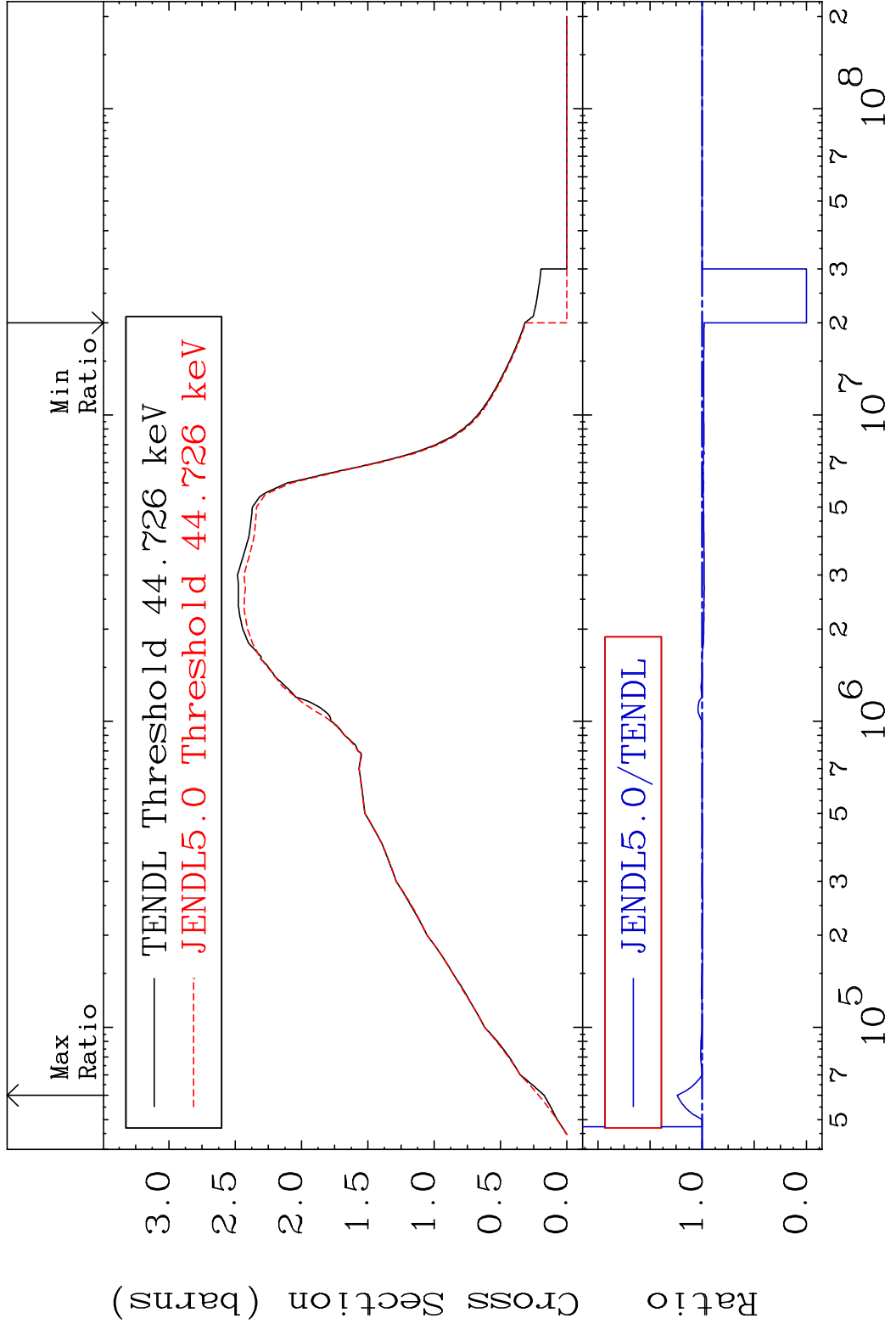


2

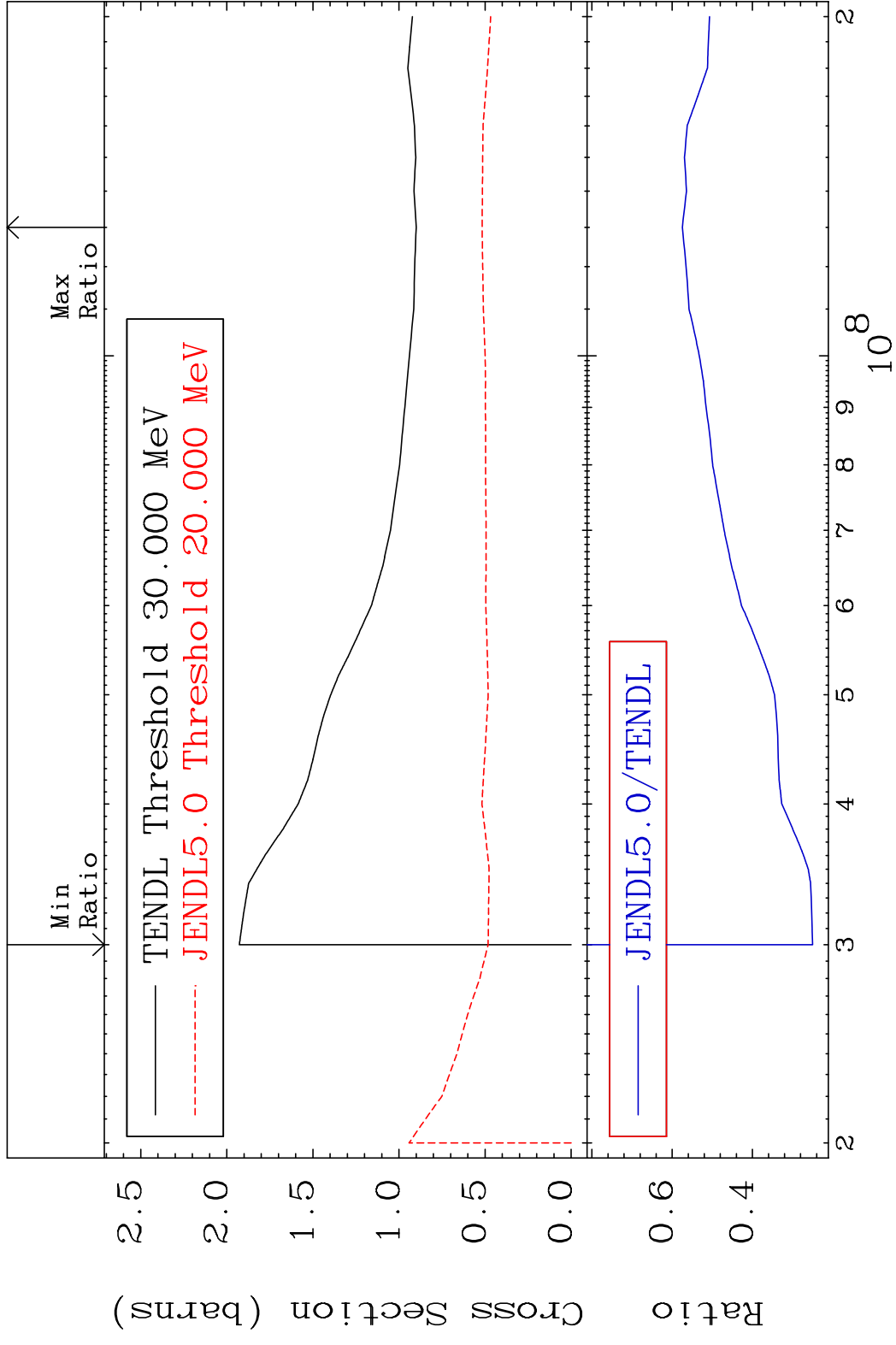
Incident Energy (eV)

94-Pu-242

MAT 9446 Inelastic 94-Pu-242
 Cross Section -100.0 To 23.96 %



MAT 9446 (n, remainder) 94-Pu-242
 Cross Section -74.98 To -42.53%



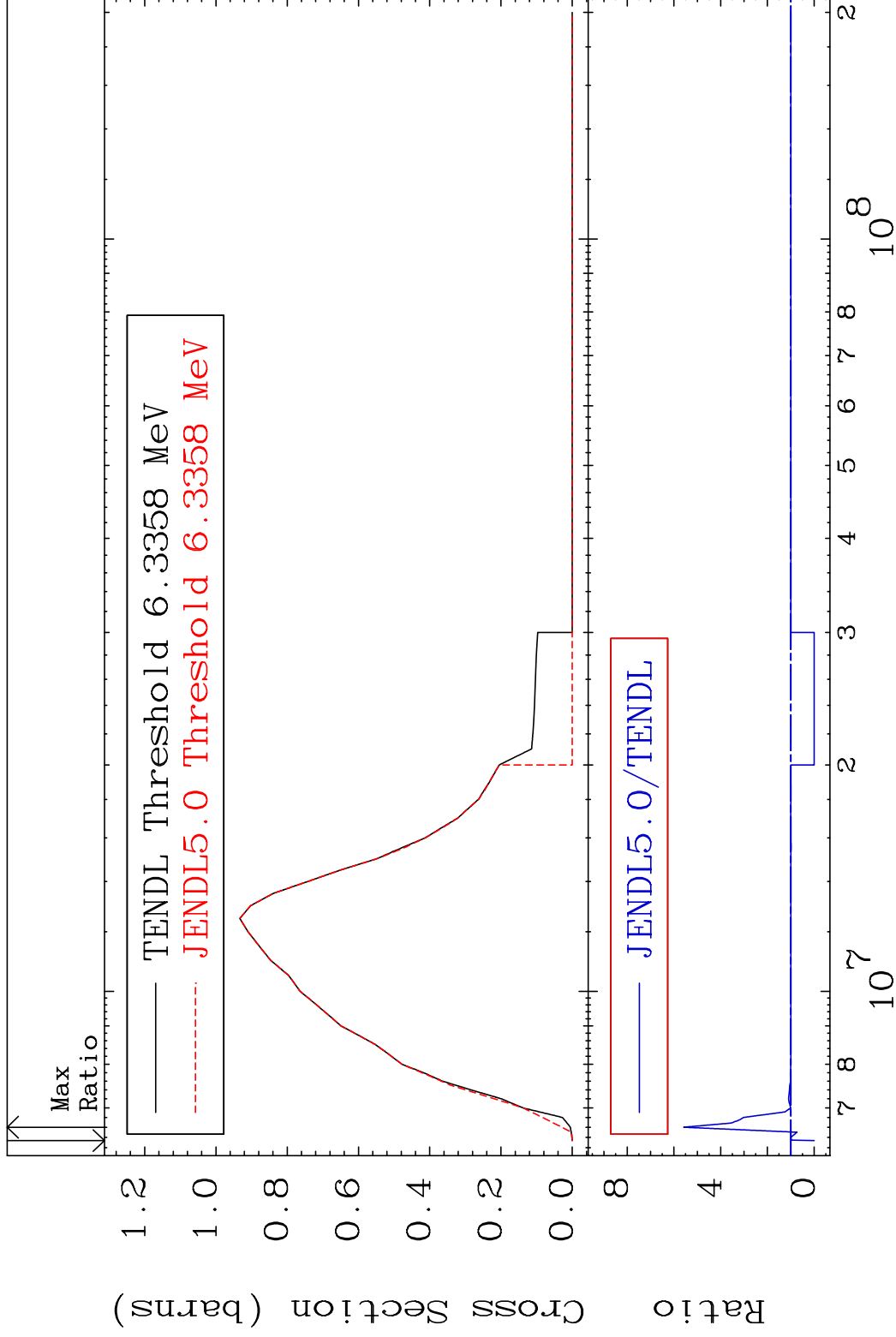
4 Incident Energy (eV) 94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 458.4 %



5

Incident Energy (eV)

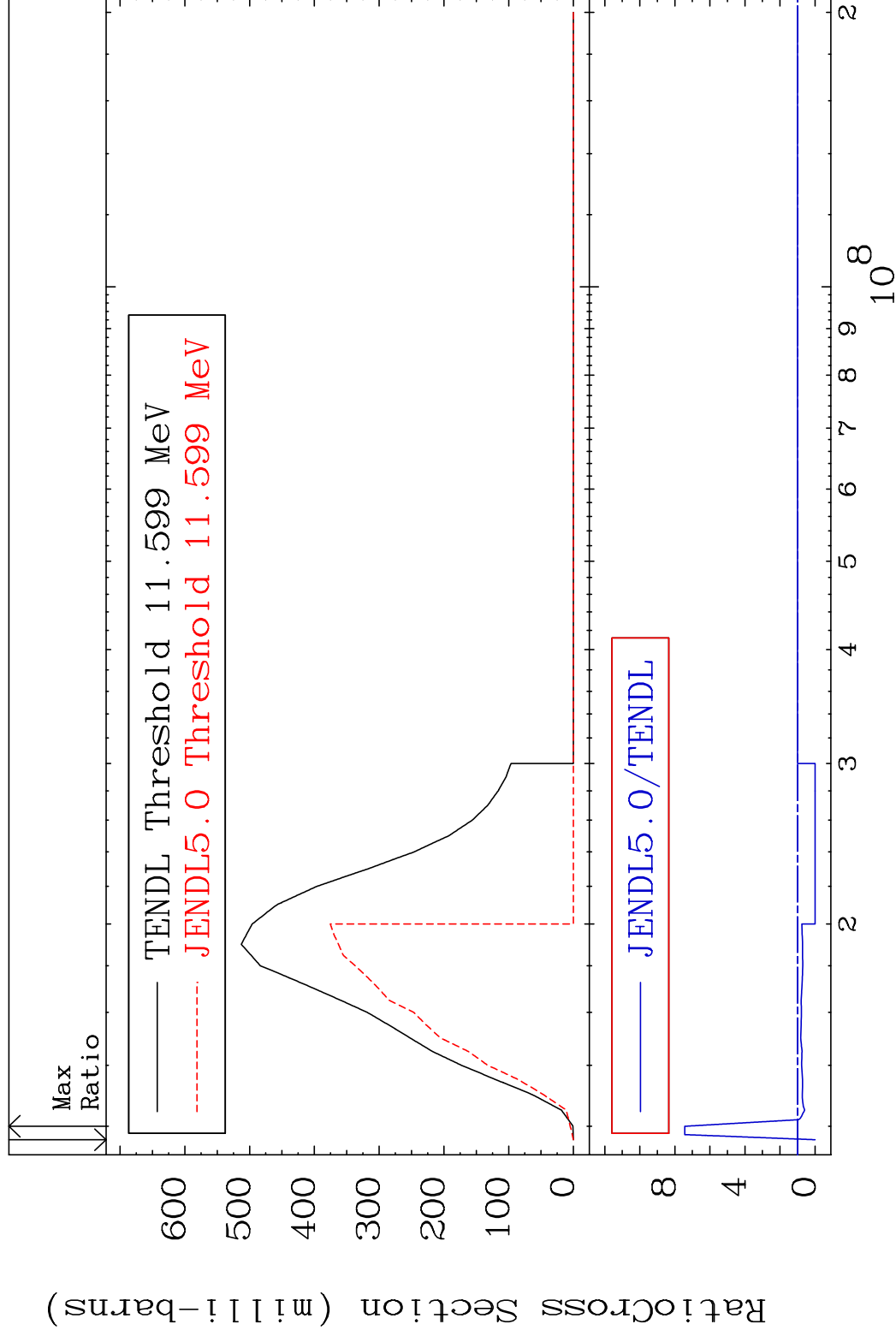
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 643.8 %



6

Incident Energy (eV)

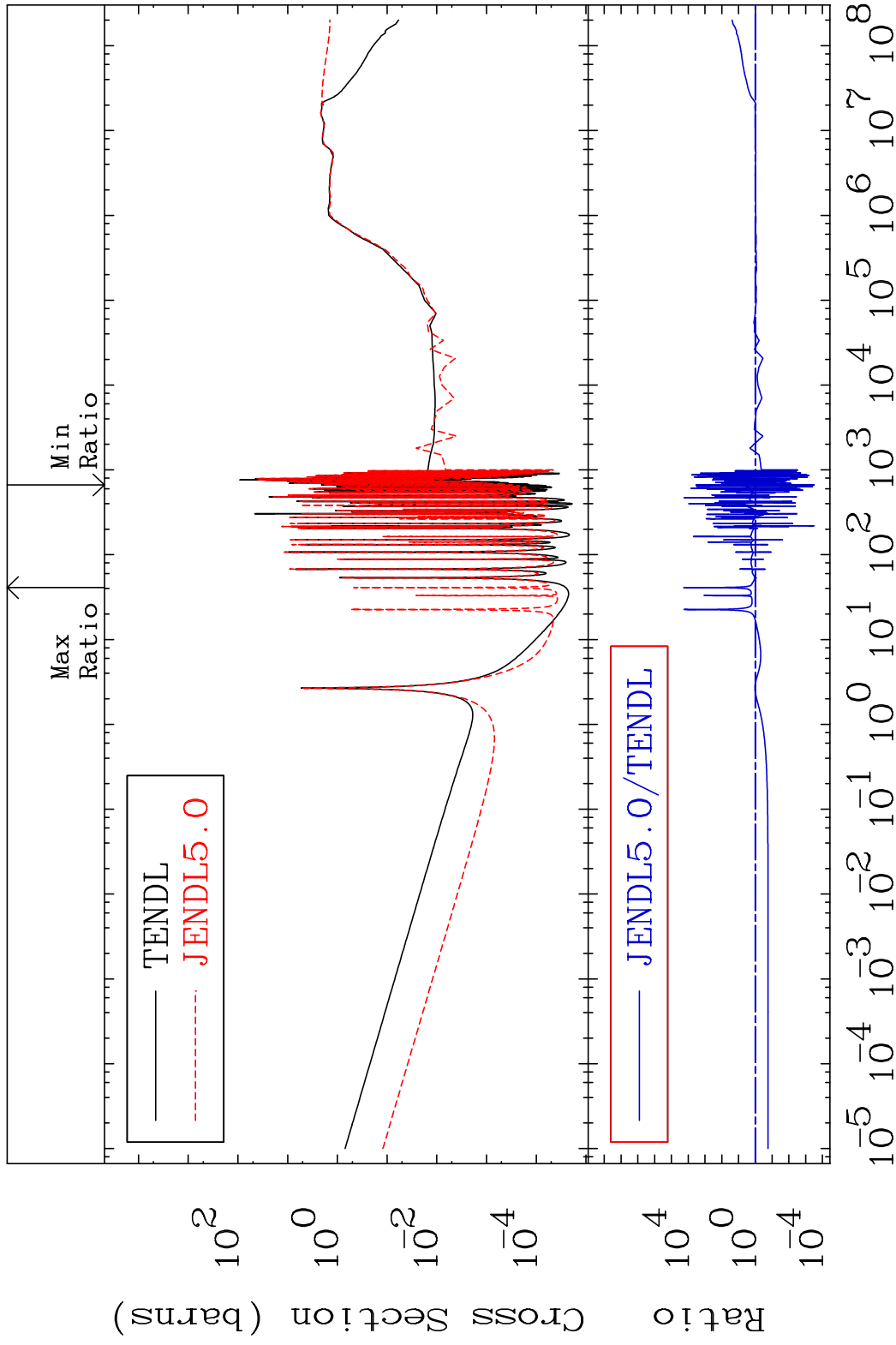
94-Pu-242

MAT 9446

Fission

94-Pu-242

Cross Section -99.97 To 9999. %



7

Incident Energy (eV)

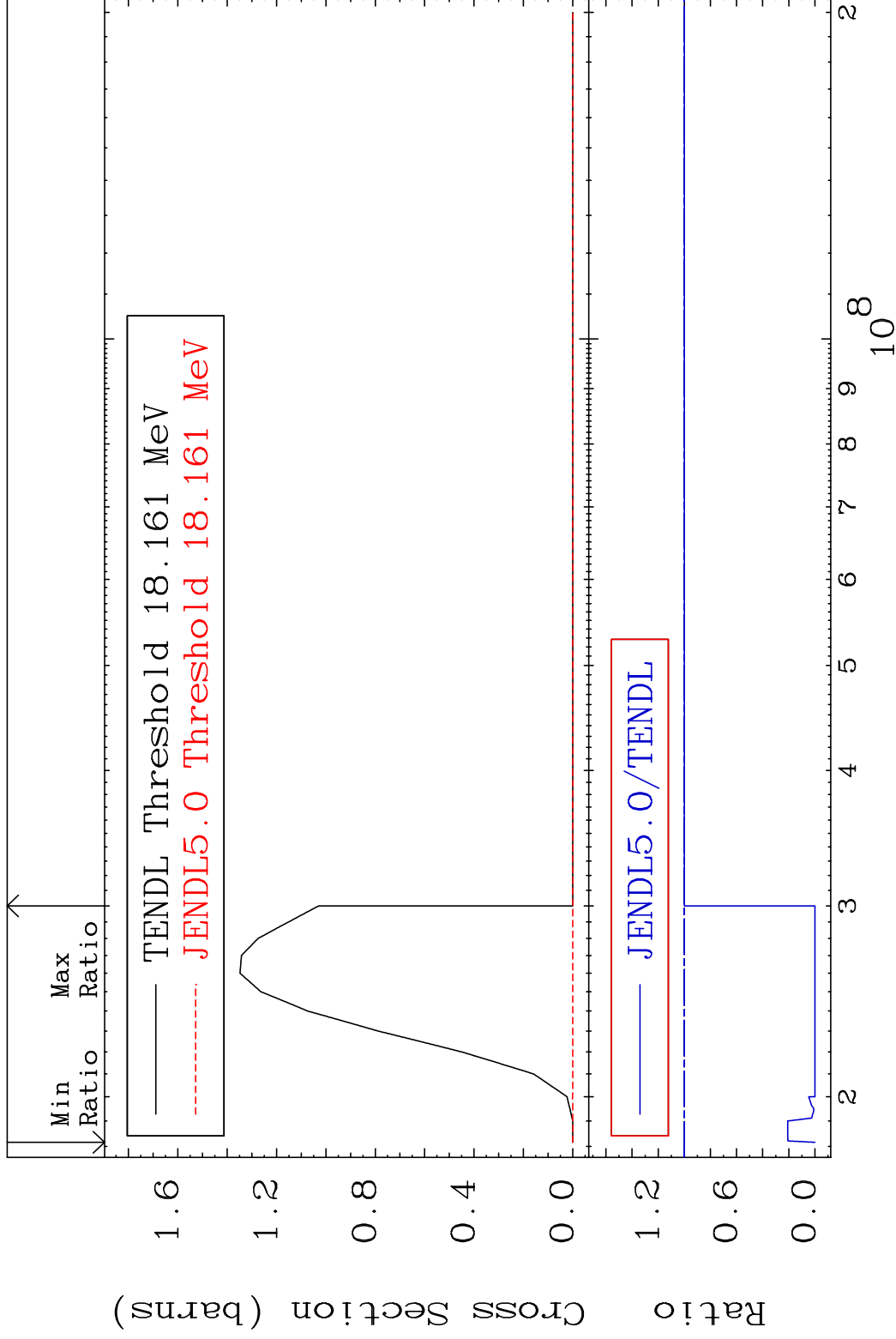
94-Pu-242

MAT 9446

(n, 4n)

94-Pu-242

Cross Section -100.0 To 0.000 %

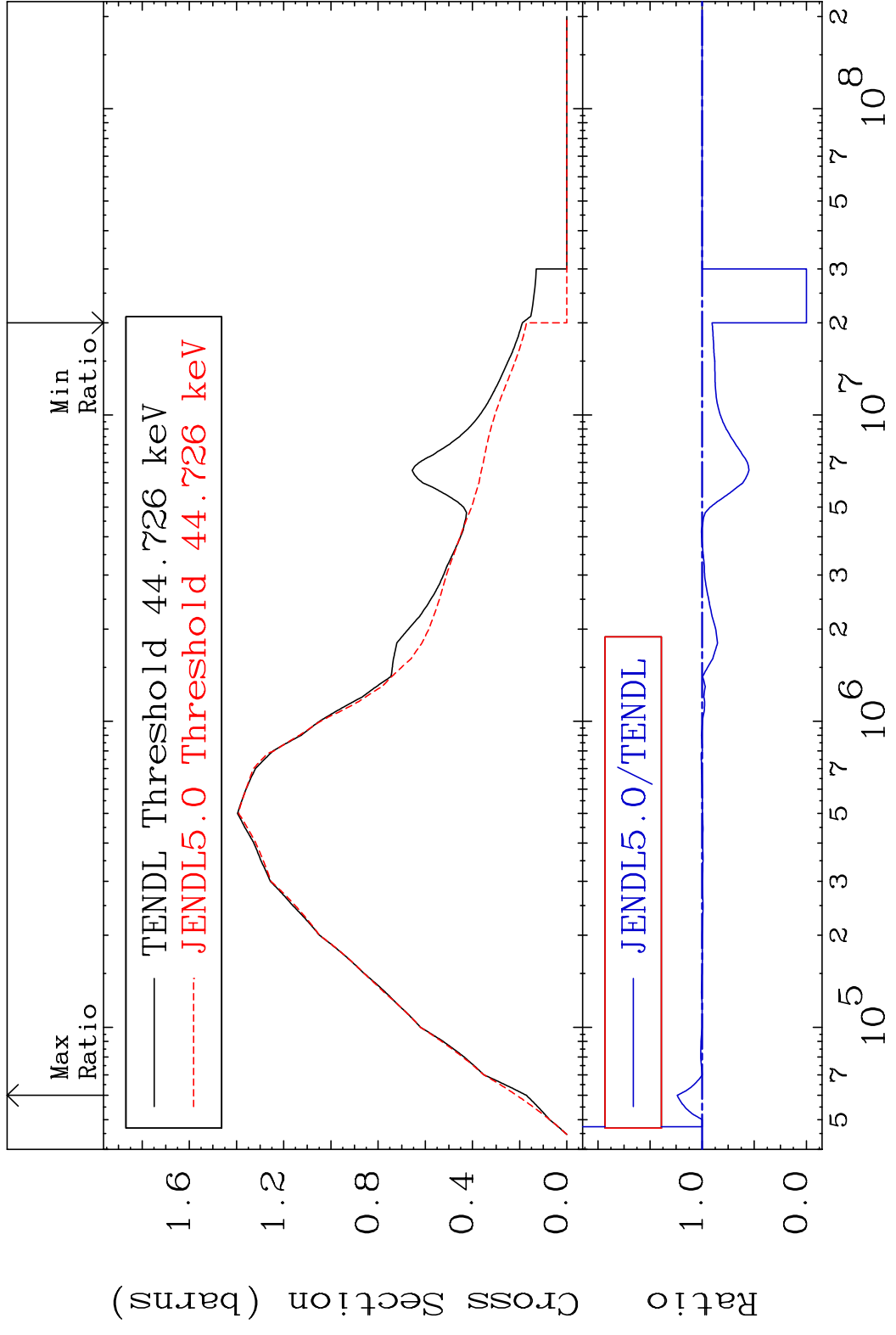


8

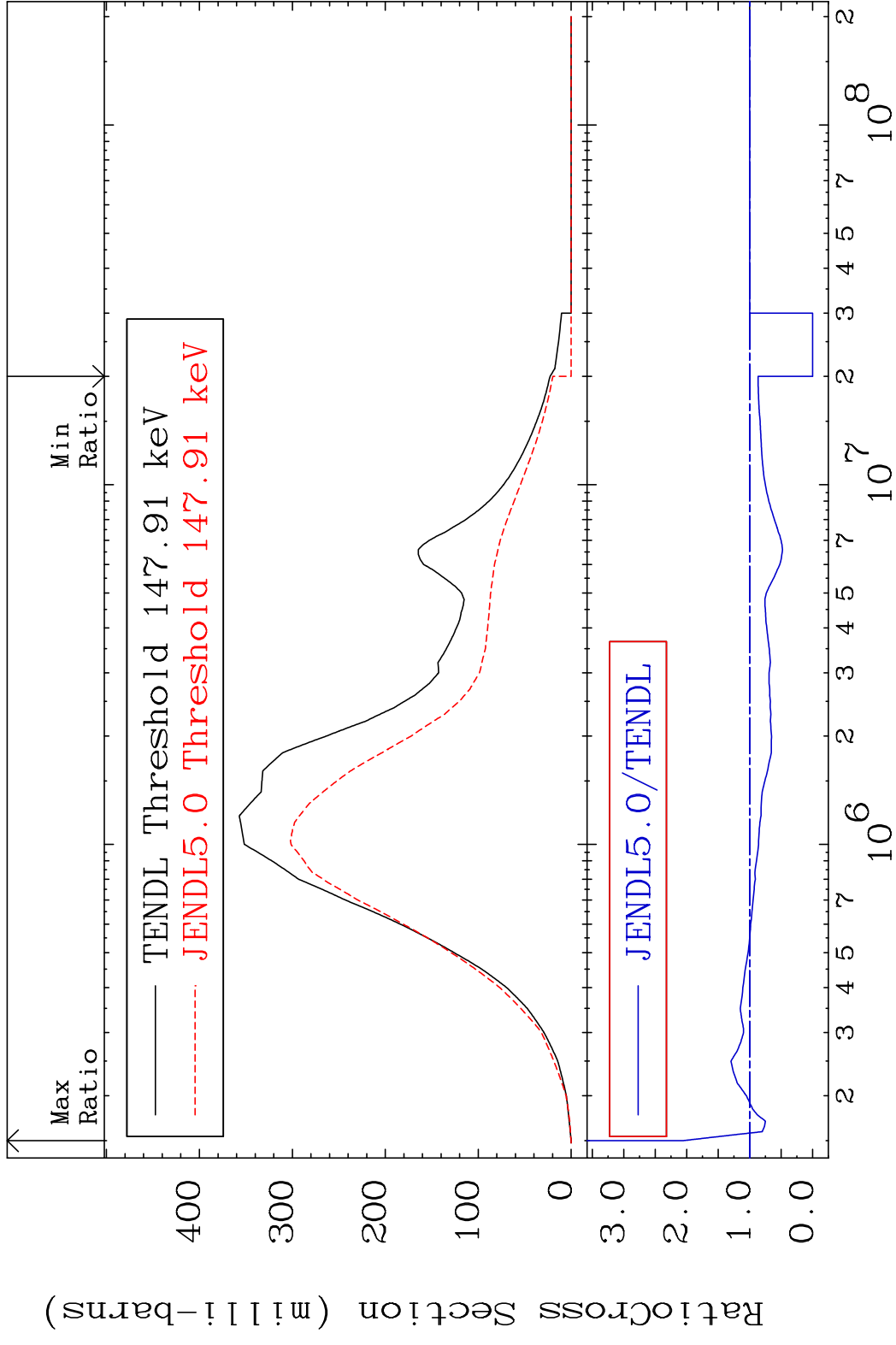
Incident Energy (eV)

94-Pu-242

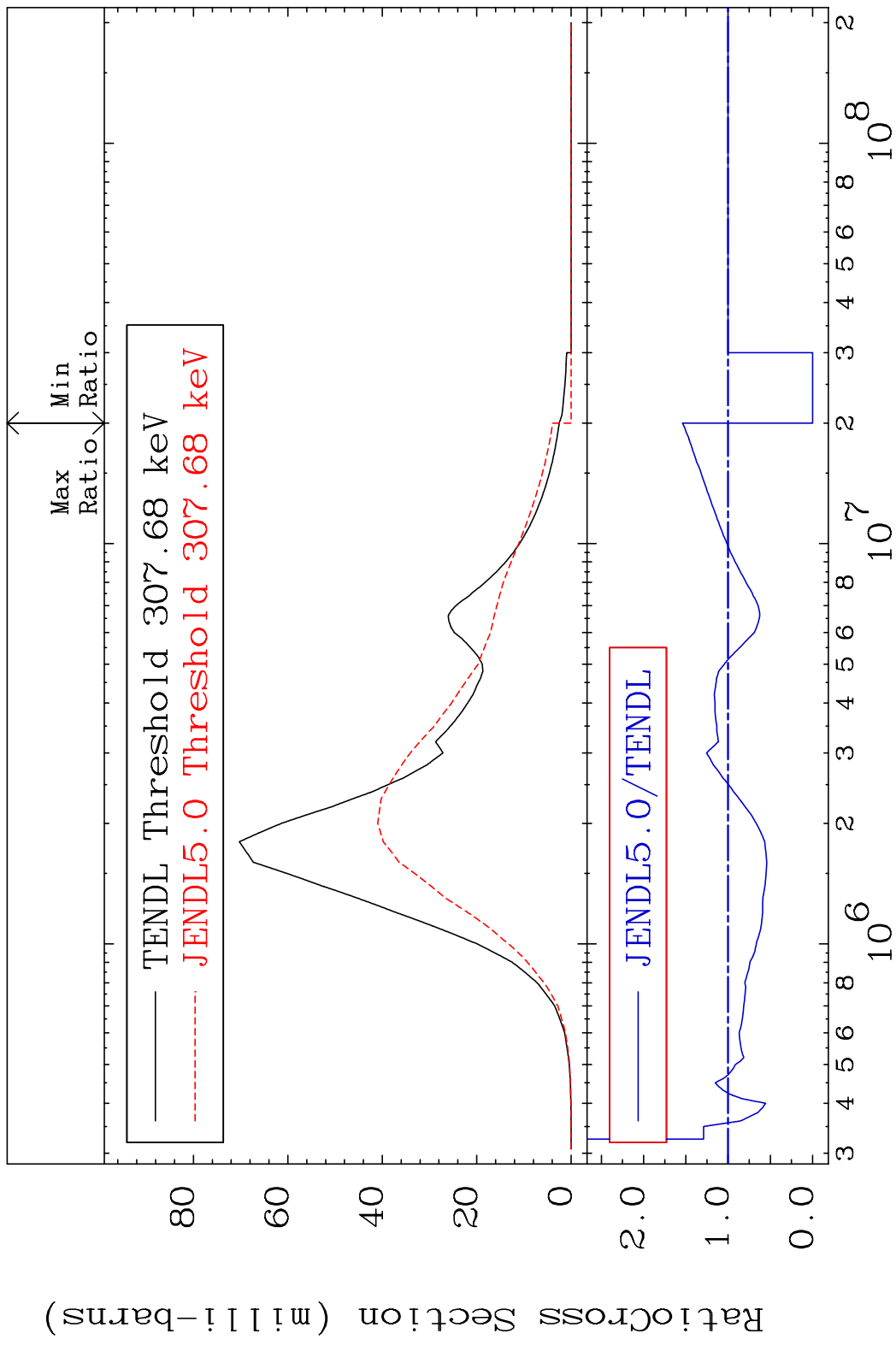
MAT 9446 MT= 51 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 23.96 %



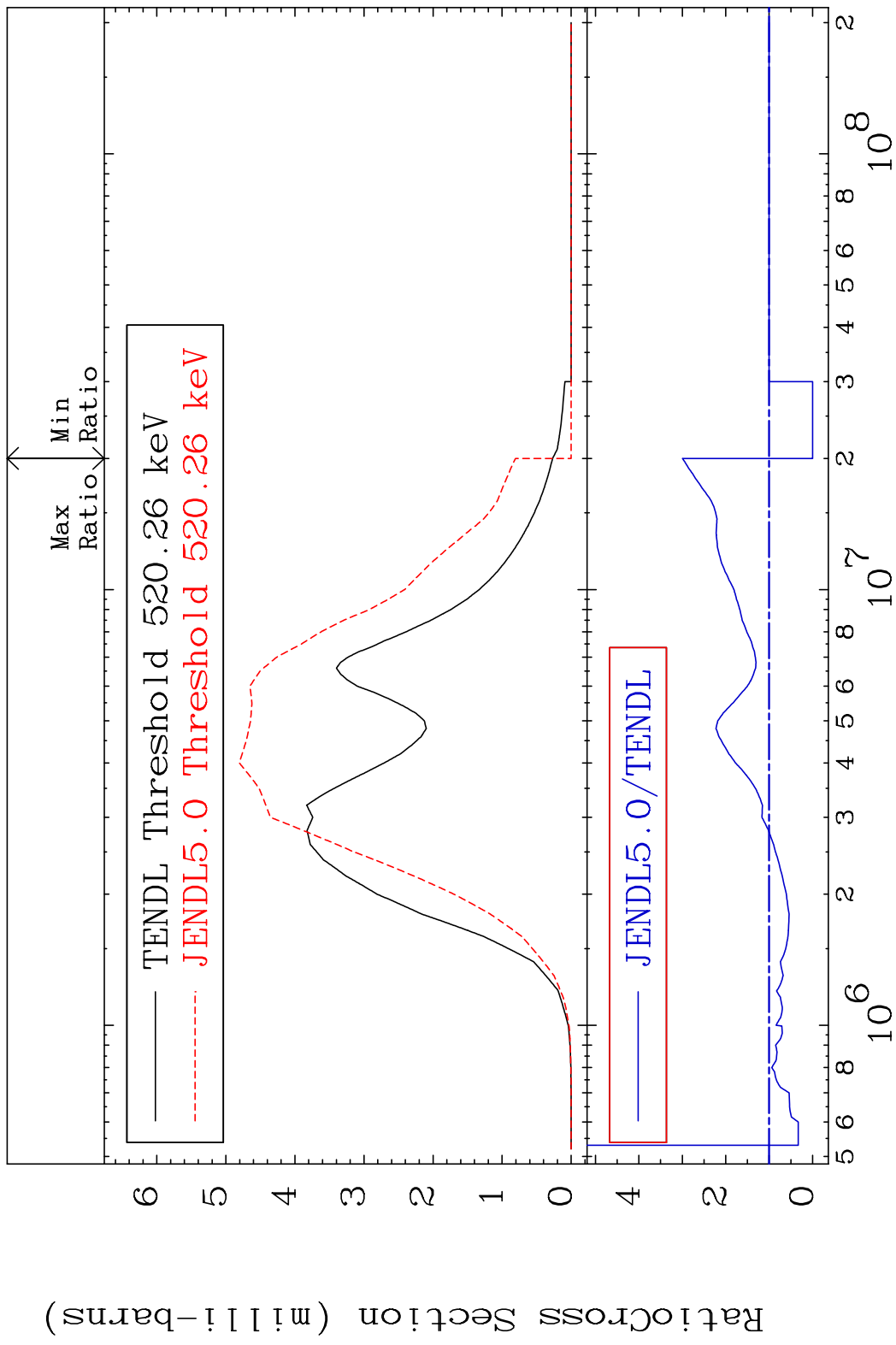
MAT 9446 MT= 52 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 106.9 %



MAT 9446 MT= 53 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 54.12 %



MAT 9446 MT= 54 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 199.9 %

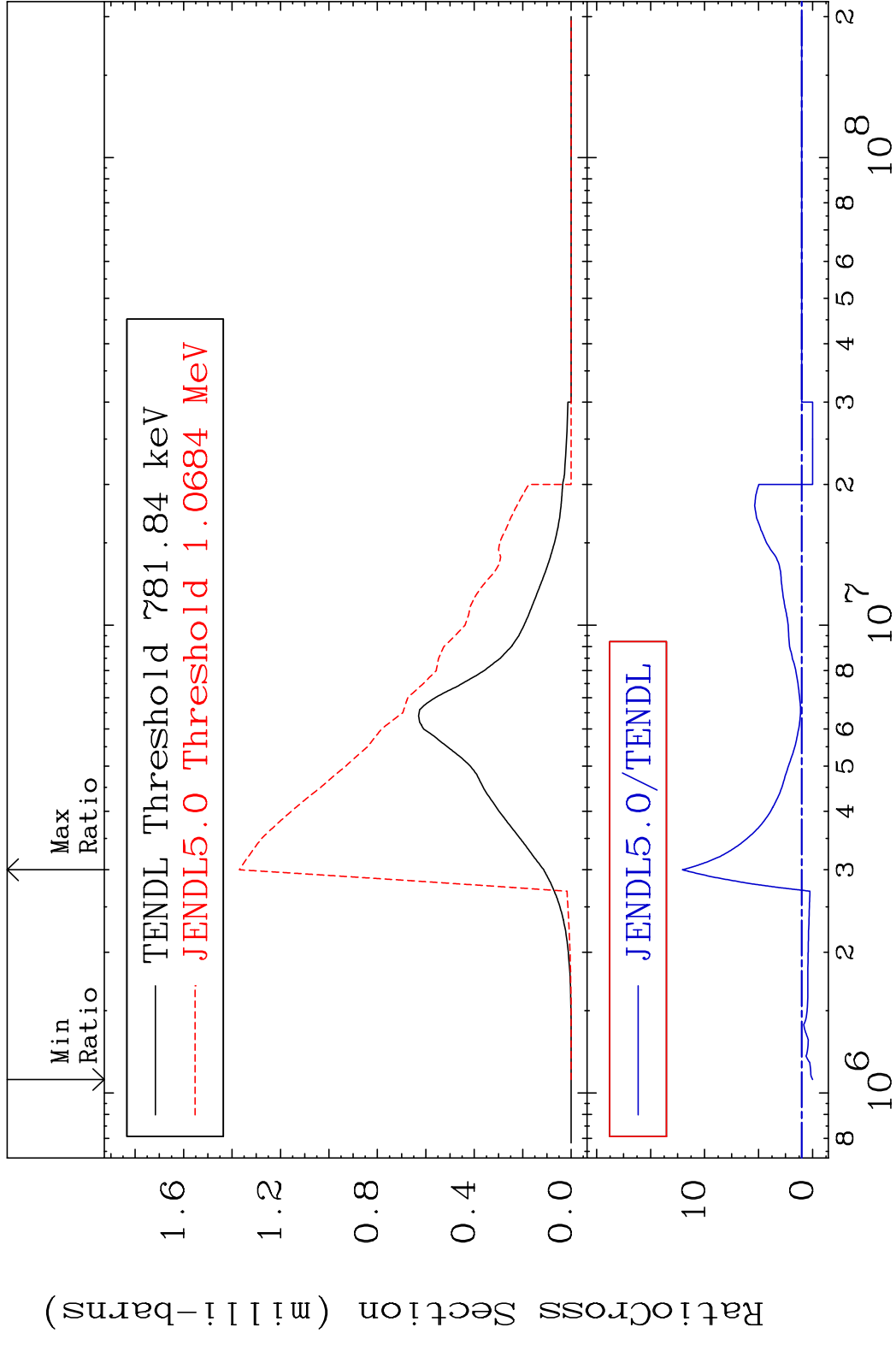


MAT 9446

MT= 55 (n, n') Level

94-Pu-242

Cross Section -100.0 To 1106. %

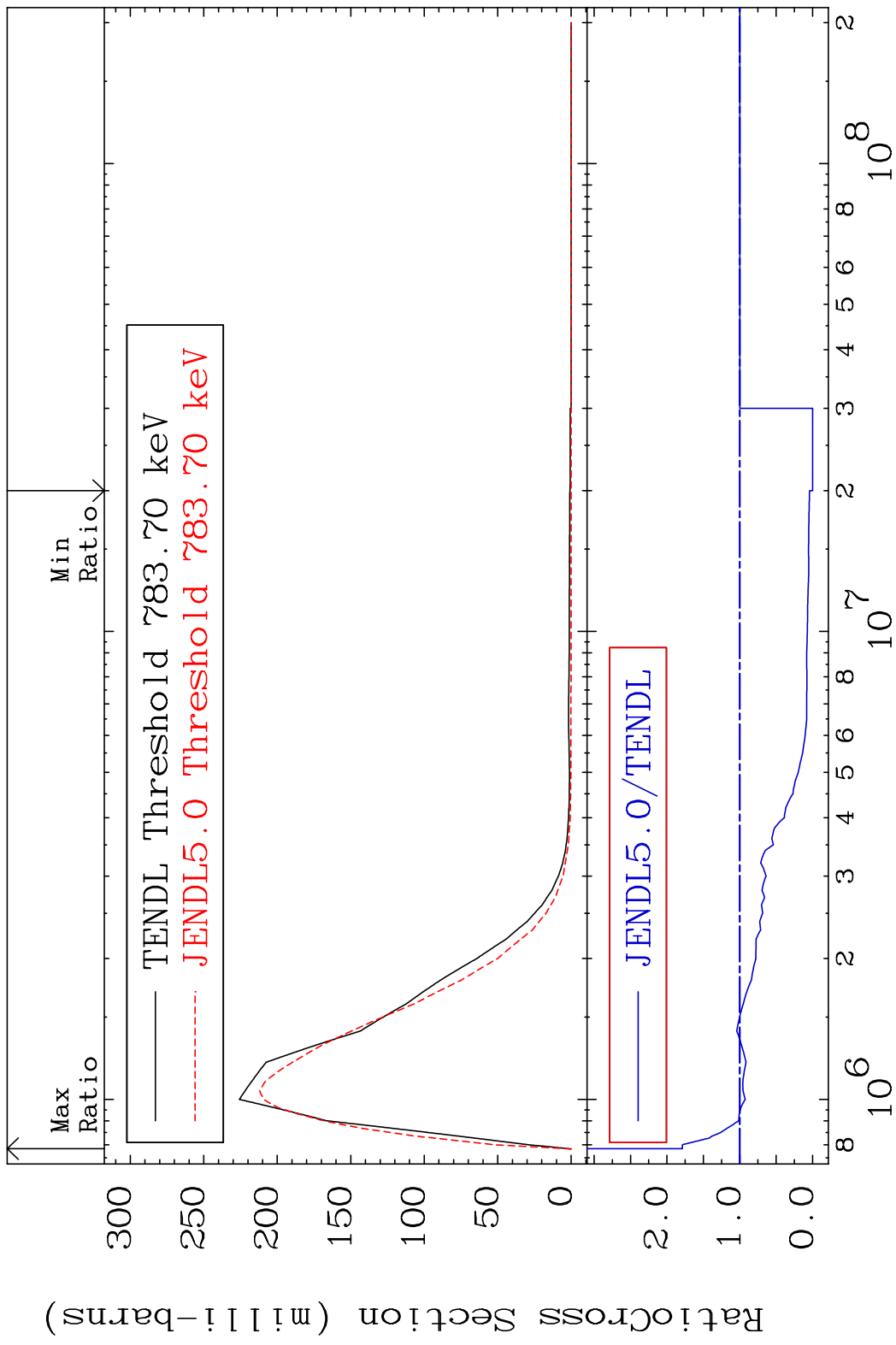


13

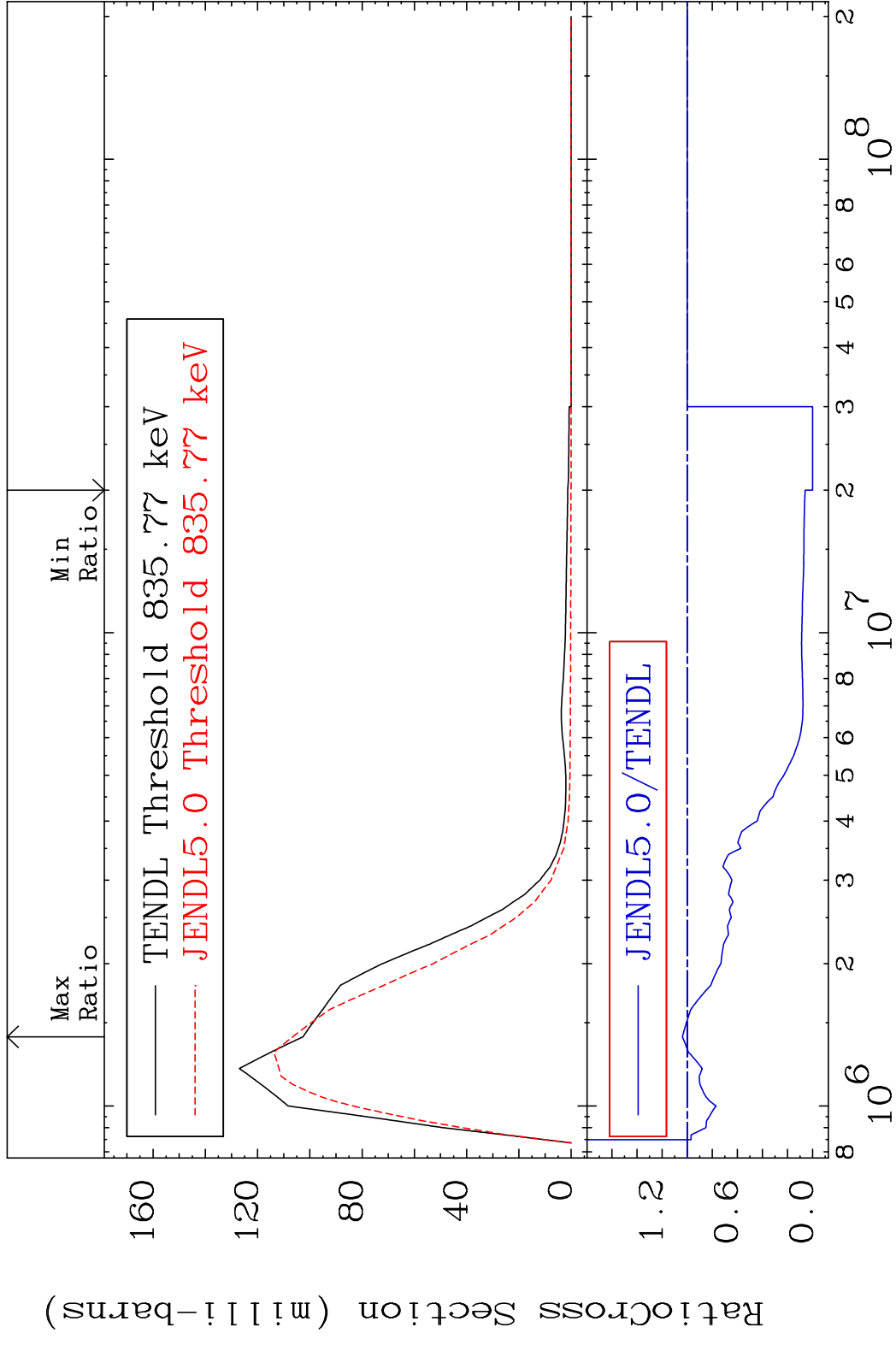
Incident Energy (eV)

94-Pu-242

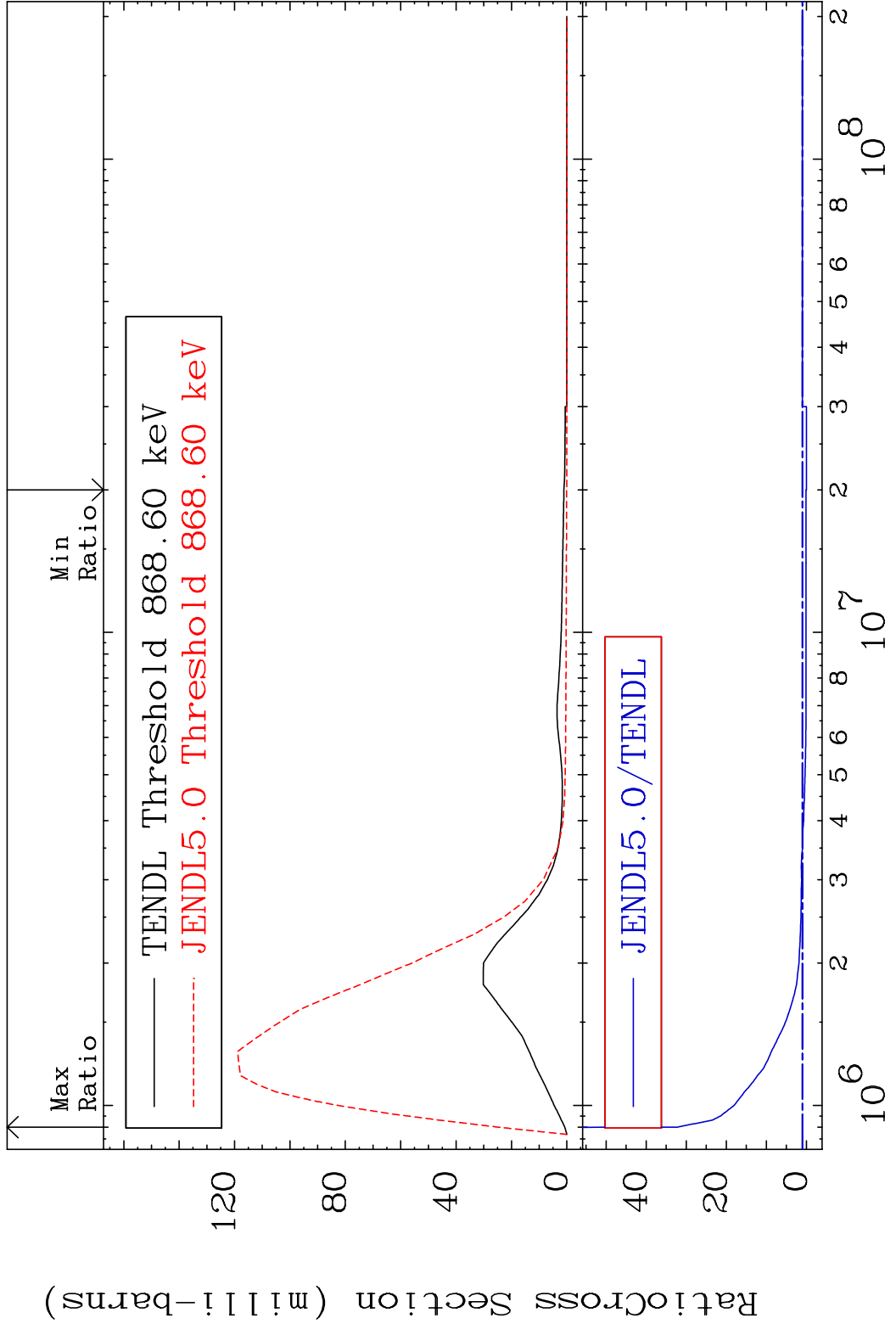
MAT 9446 MT= 56 (n,n') Level 94-Pu-242
 Cross Section -100.0 To 78.83 %



MAT 9446 MT= 57 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 3.855 %

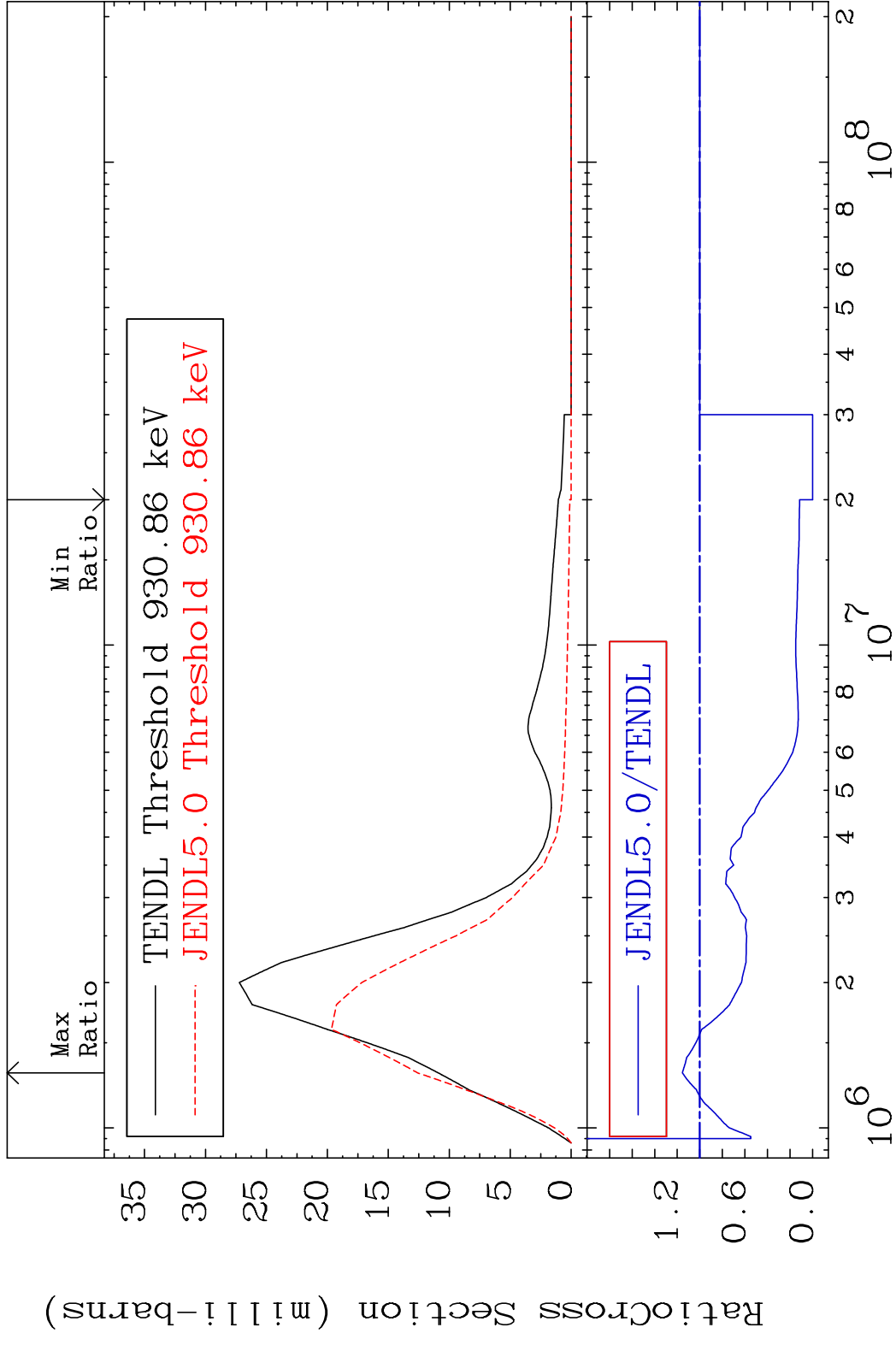


MAT 9446 MT= 58 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 3125. %



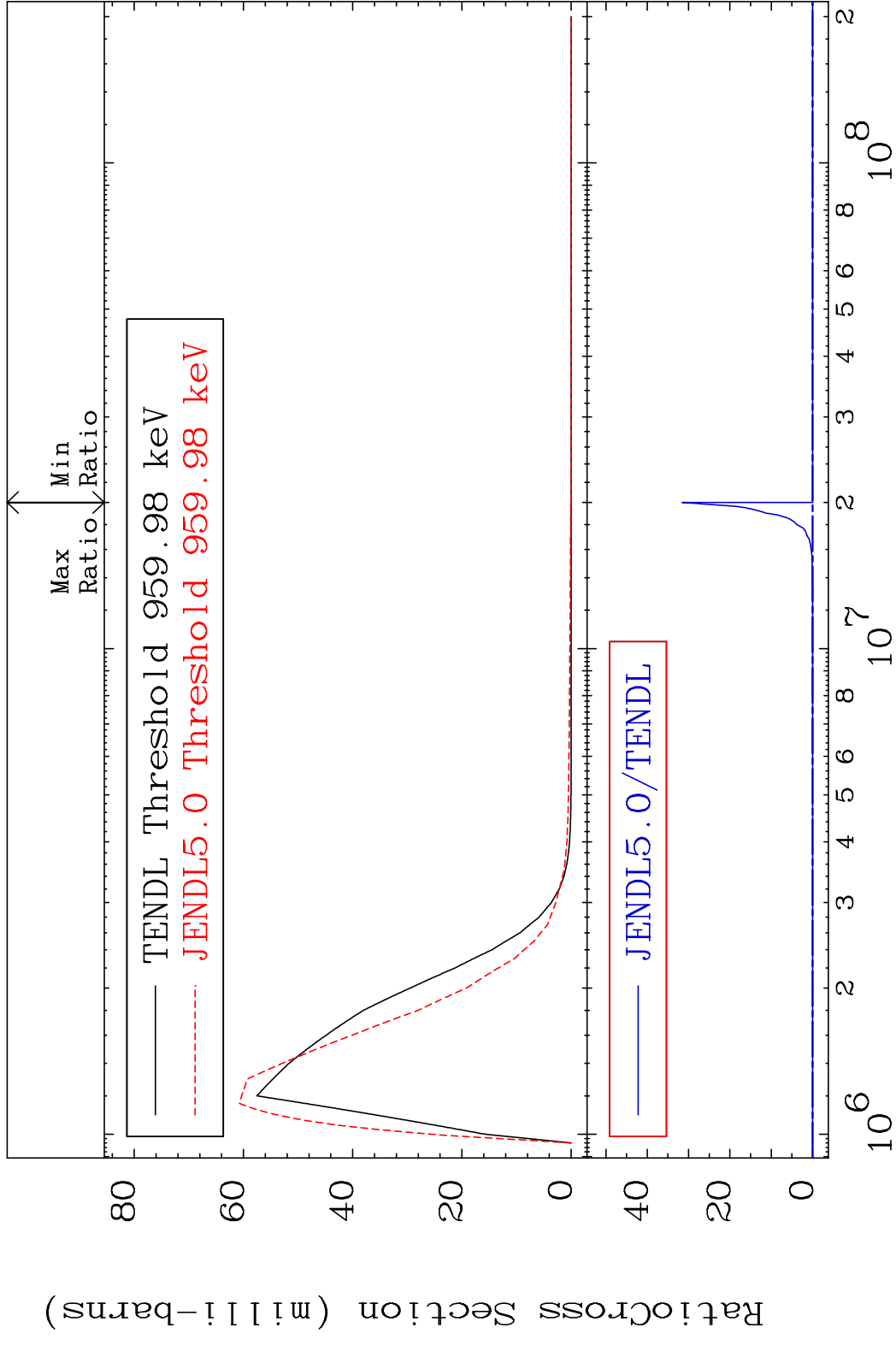
16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 59 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 15.46 %

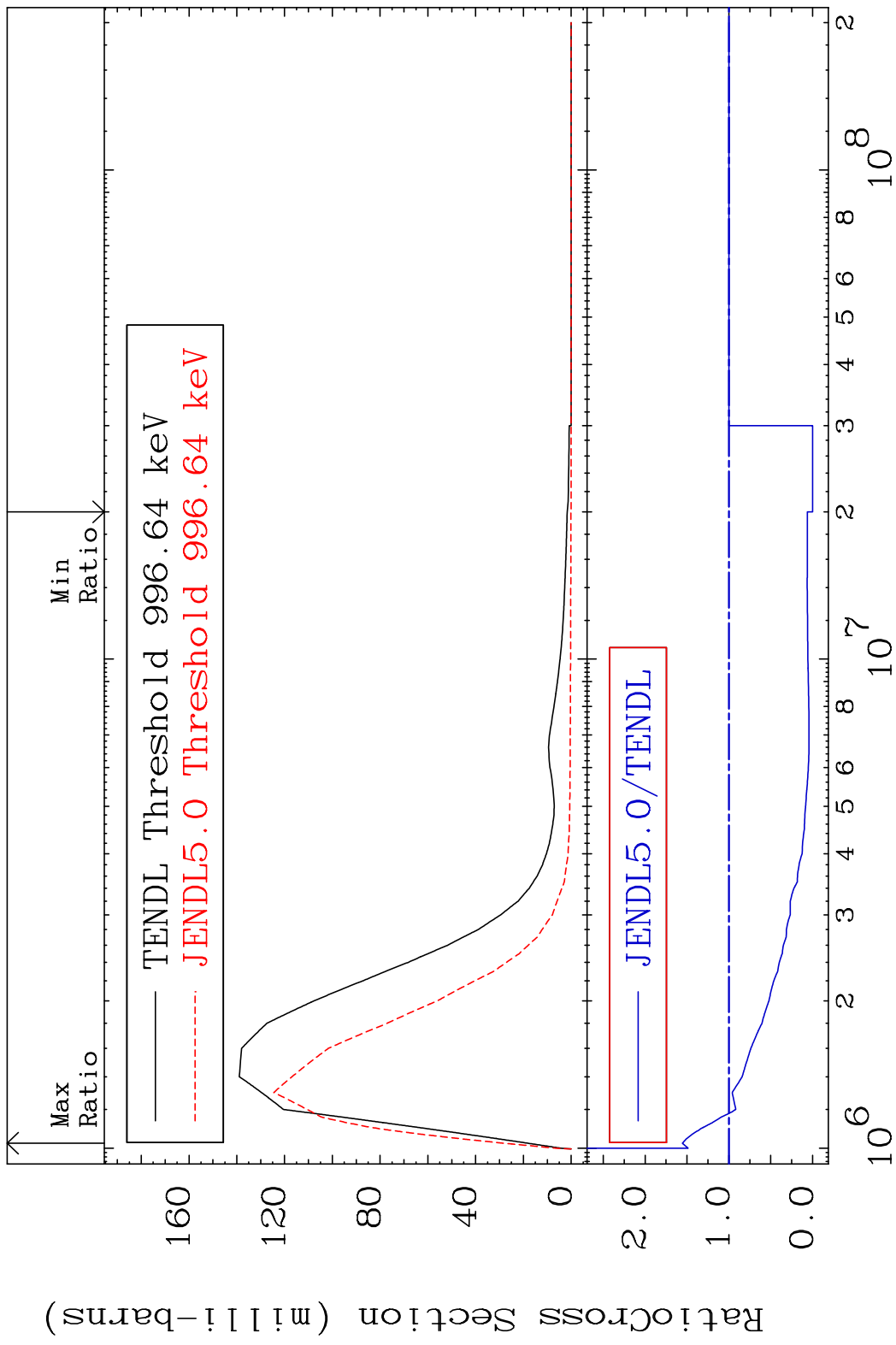


17 94-Pu-242

MAT 9446 MT= 60 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %

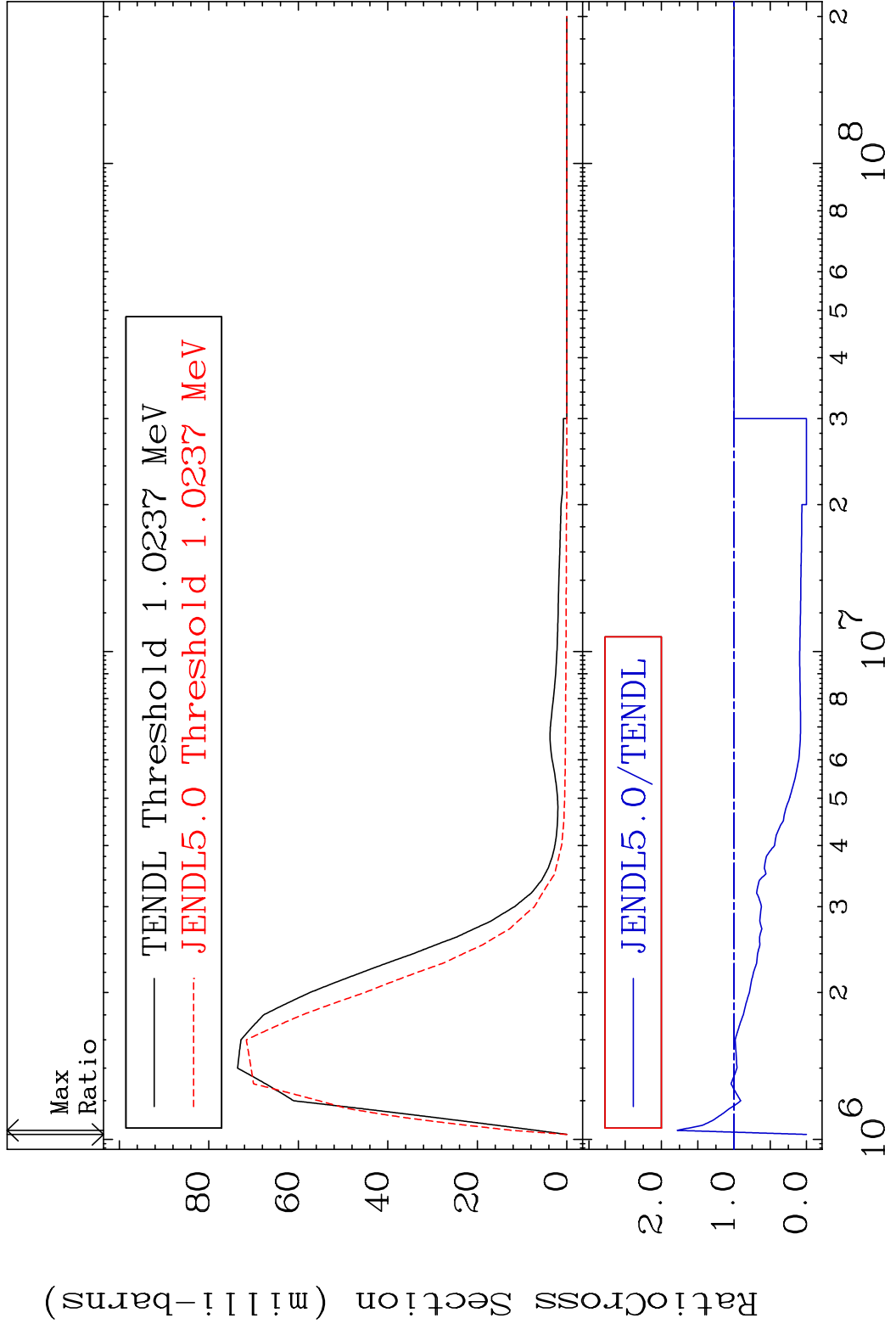


MAT 9446 MT= 61 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 55.56 %



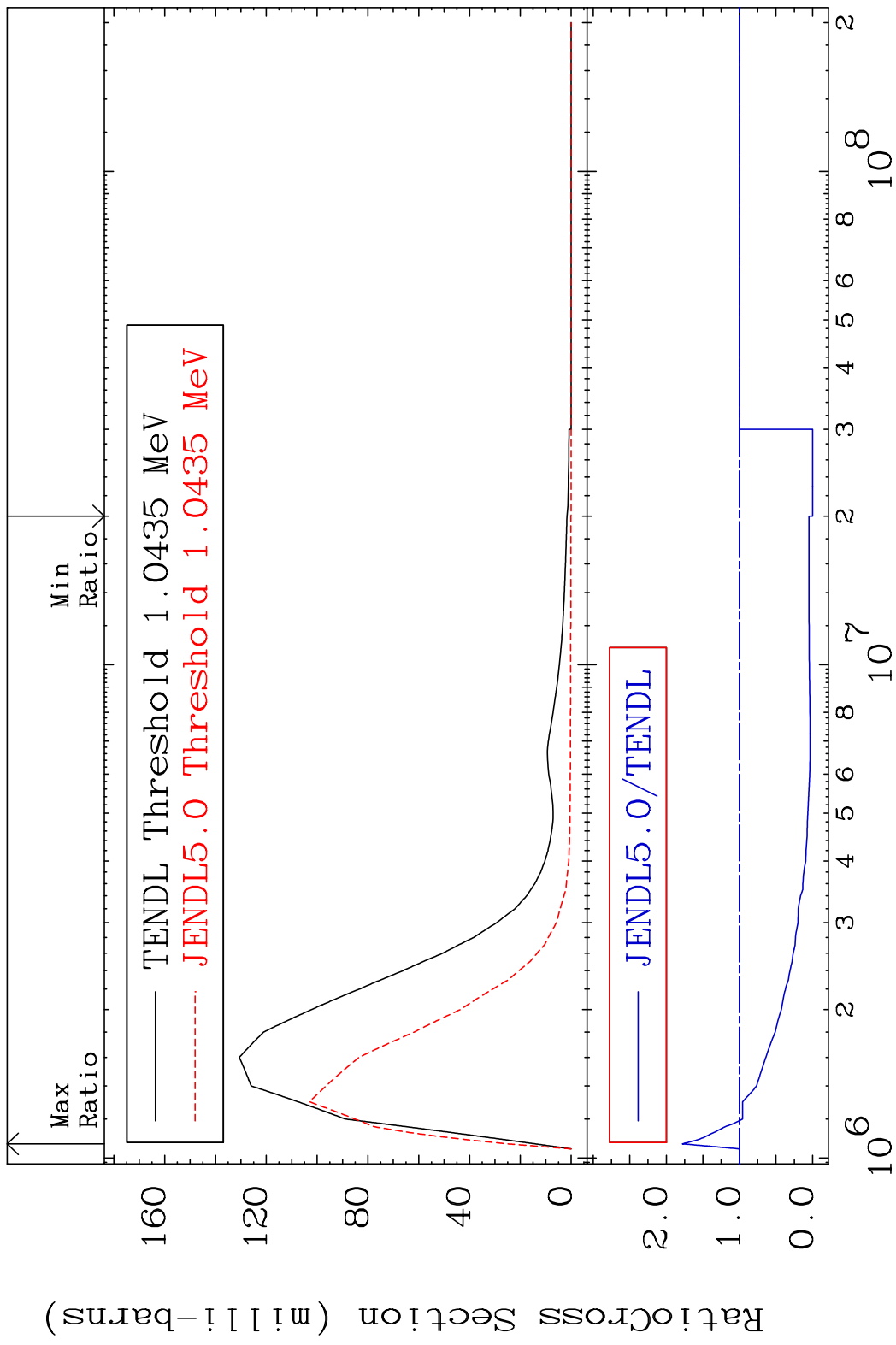
19 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 78.32 %



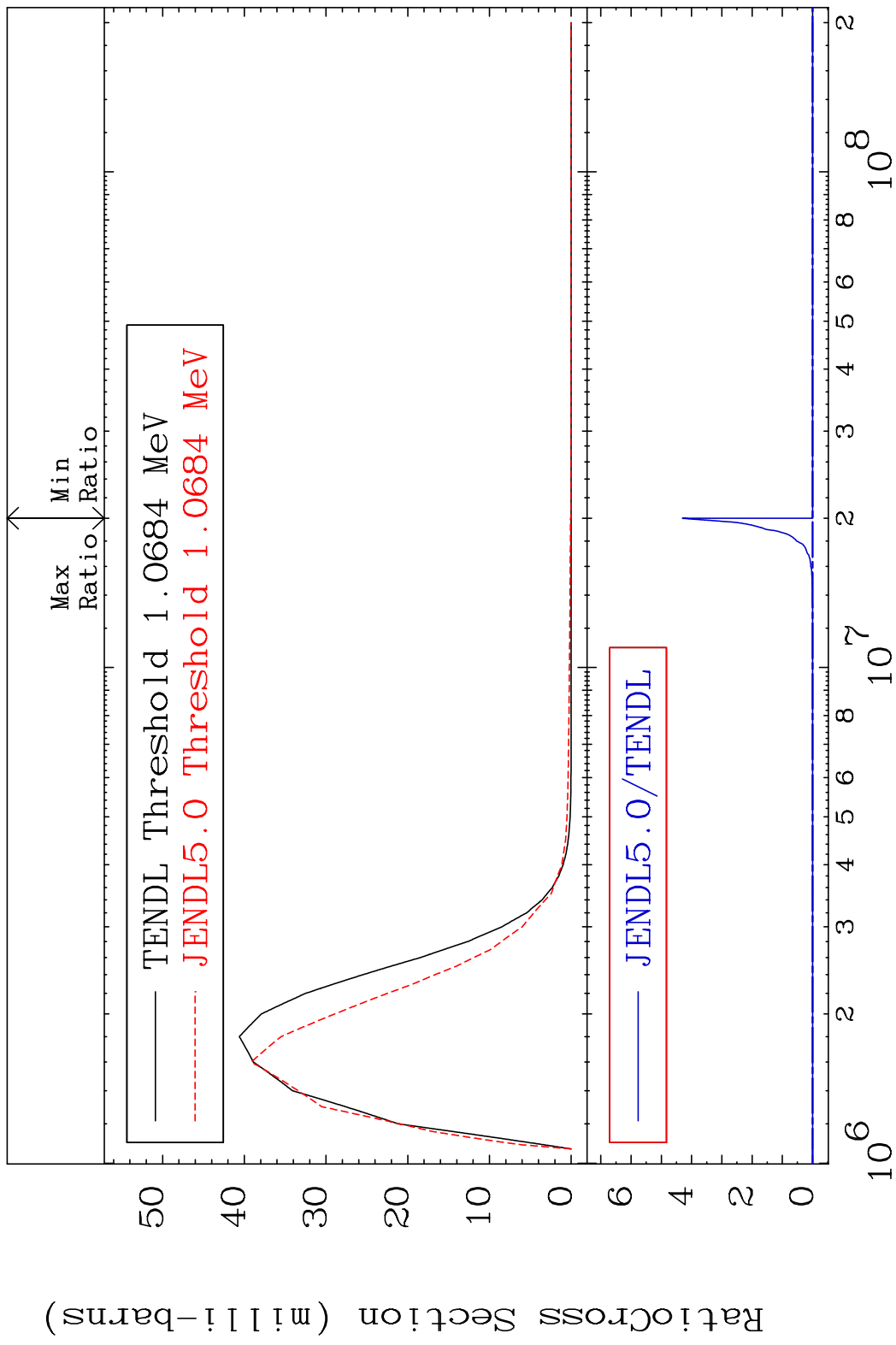
20 2 3 4 5 6 8 10⁸ 94-Pu-242

MAT 9446 MT= 63 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 78.09 %



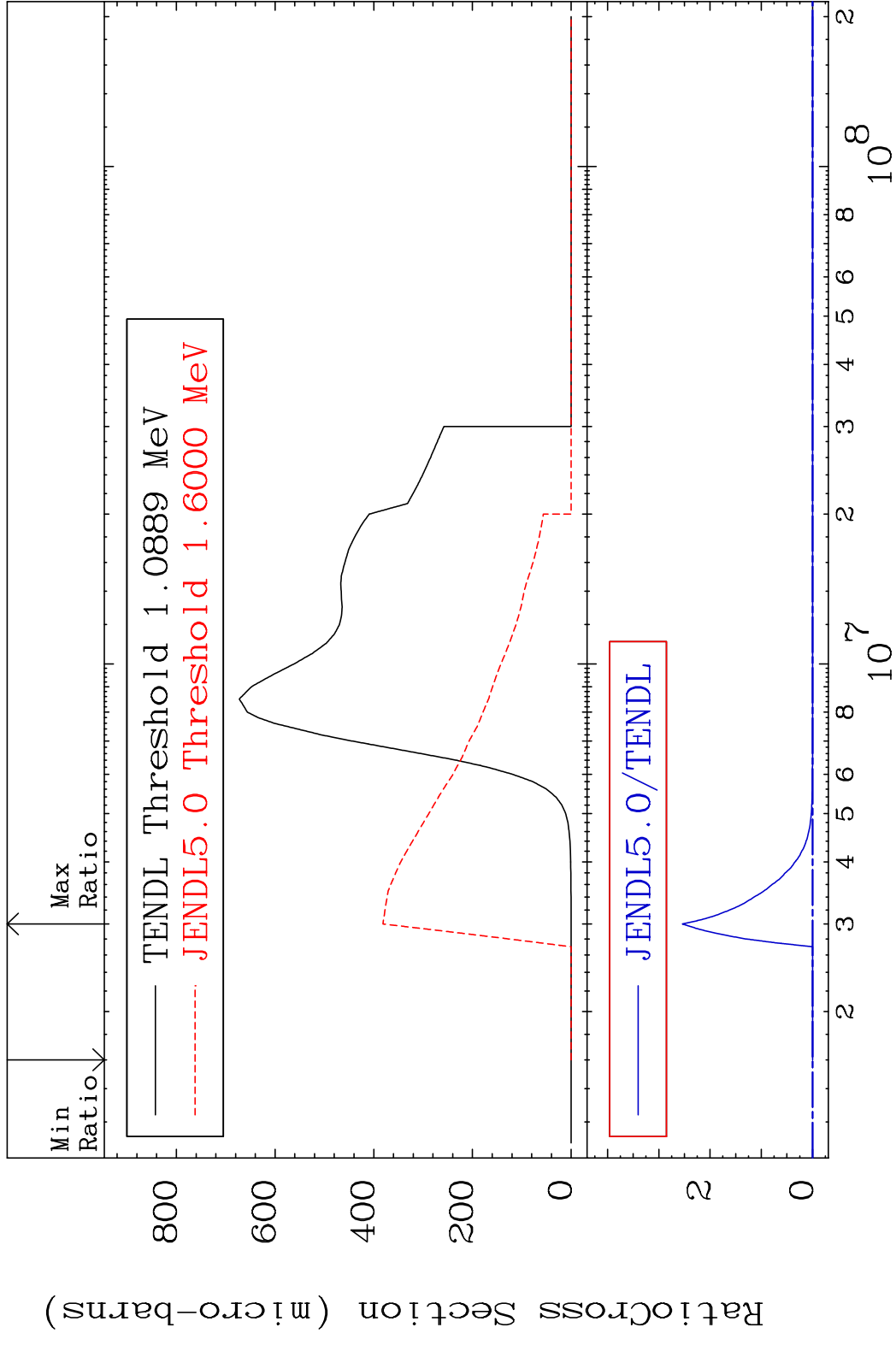
21 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 64 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %

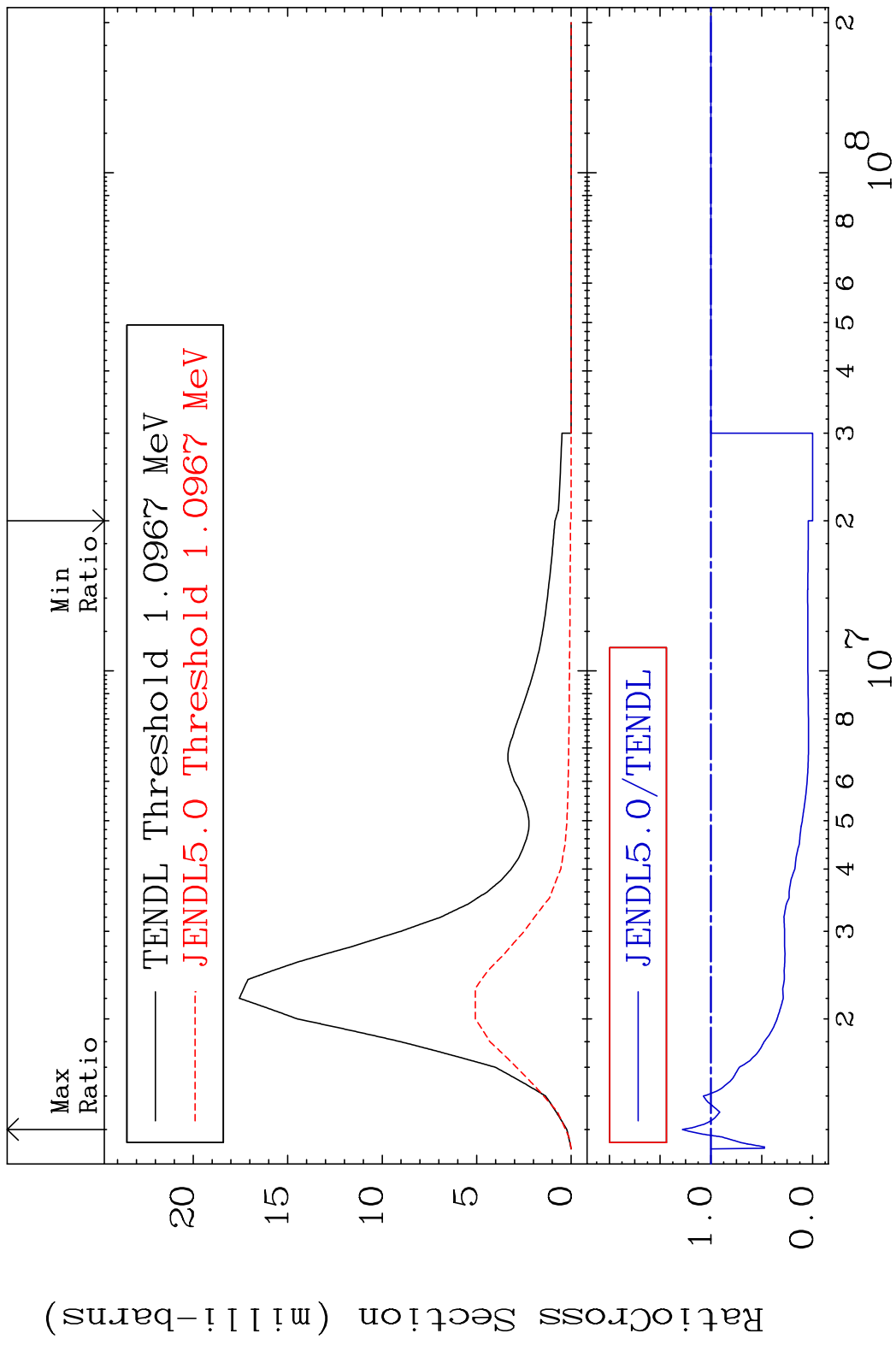


22 94-Pu-242

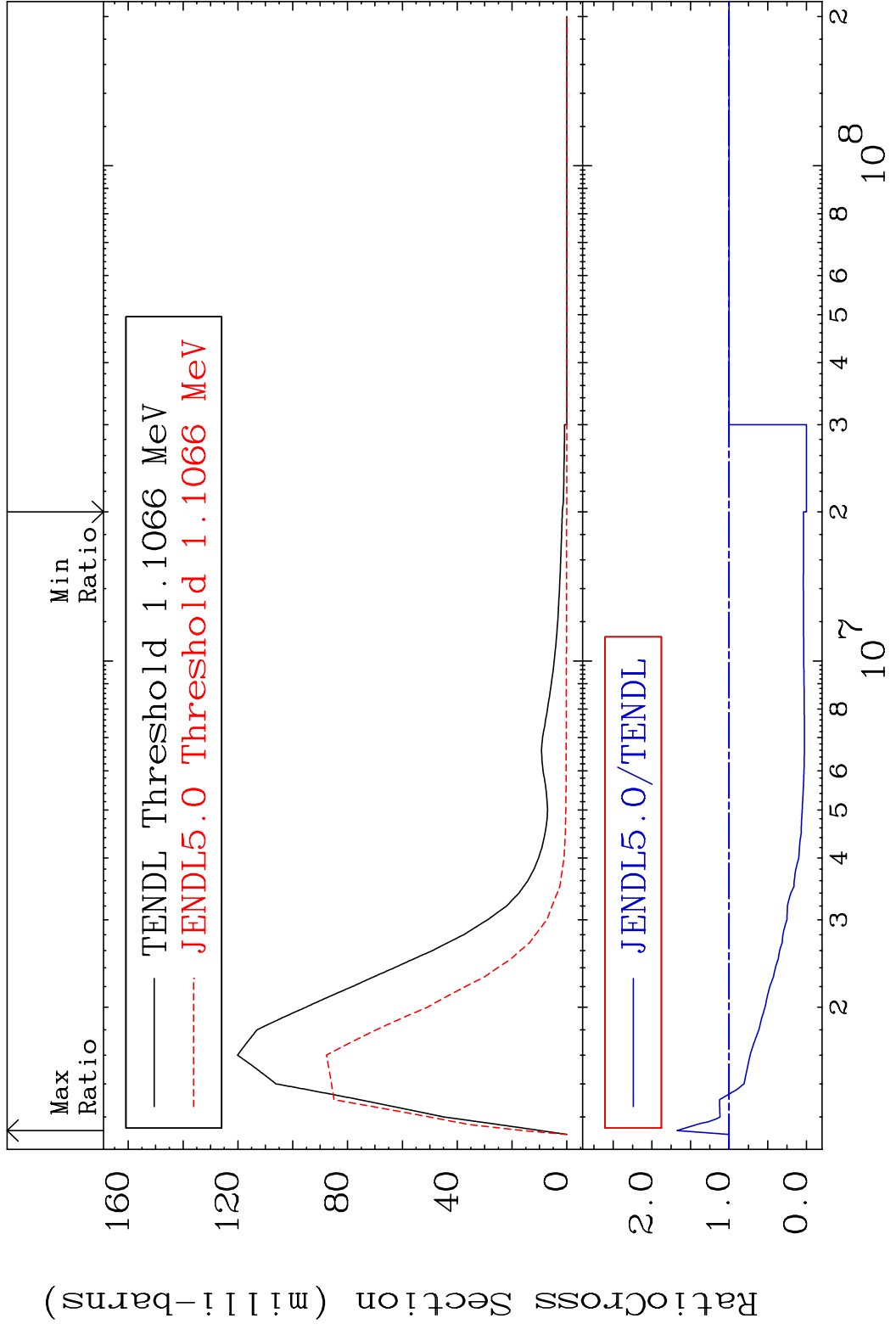
MAT 9446 MT= 65 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



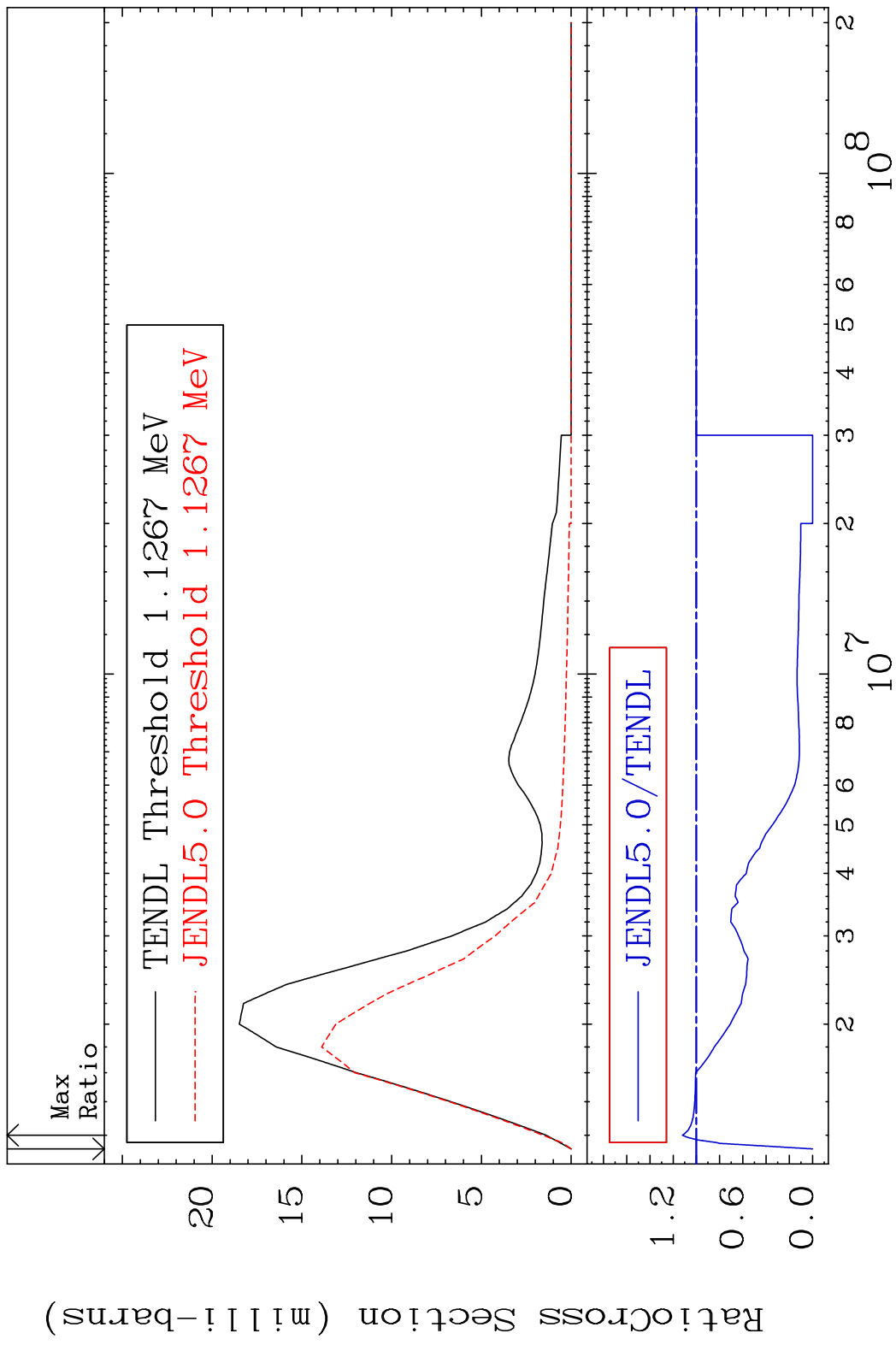
MAT 9446 MT= 66 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 28.13 %



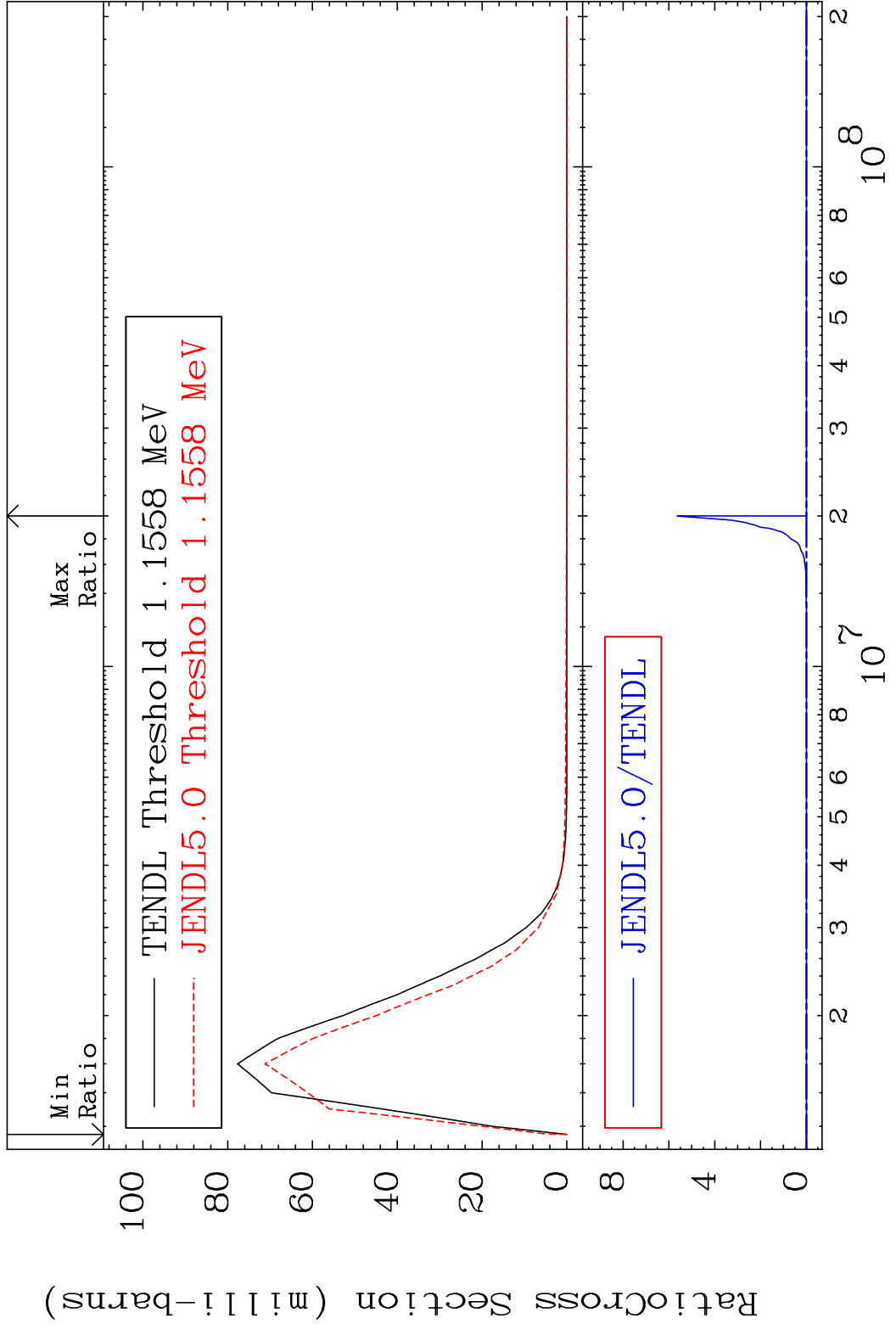
MAT 9446 MT= 67 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 67.27 %



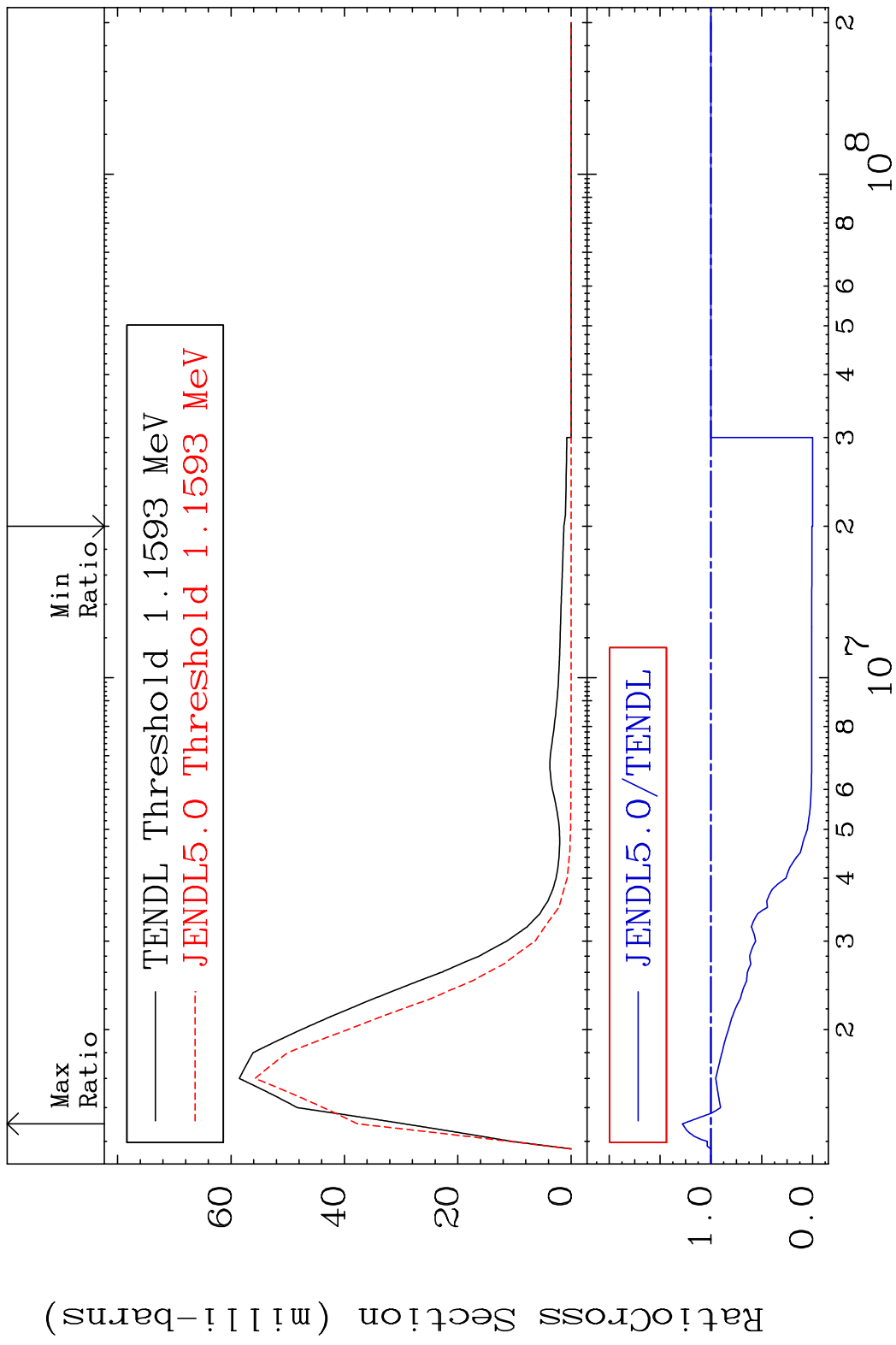
MAT 9446 MT= 68 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 12.09 %



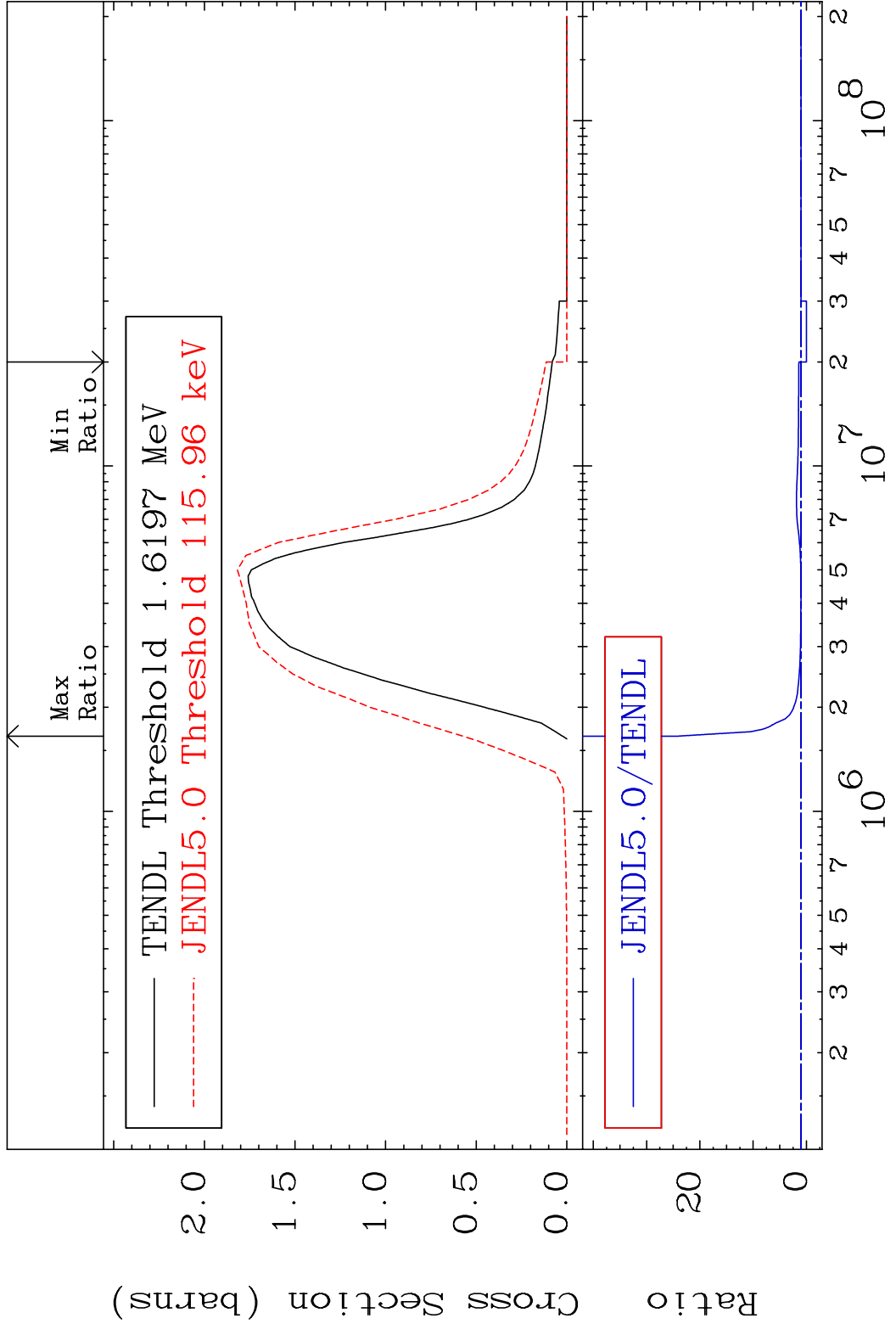
MAT 9446 MT= 69 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



MAT 9446 MT= 70 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 28.11 %



MAT 9446 (n, n') Continuum 94-Pu-242
 Cross Section -100.0 To 2325. %

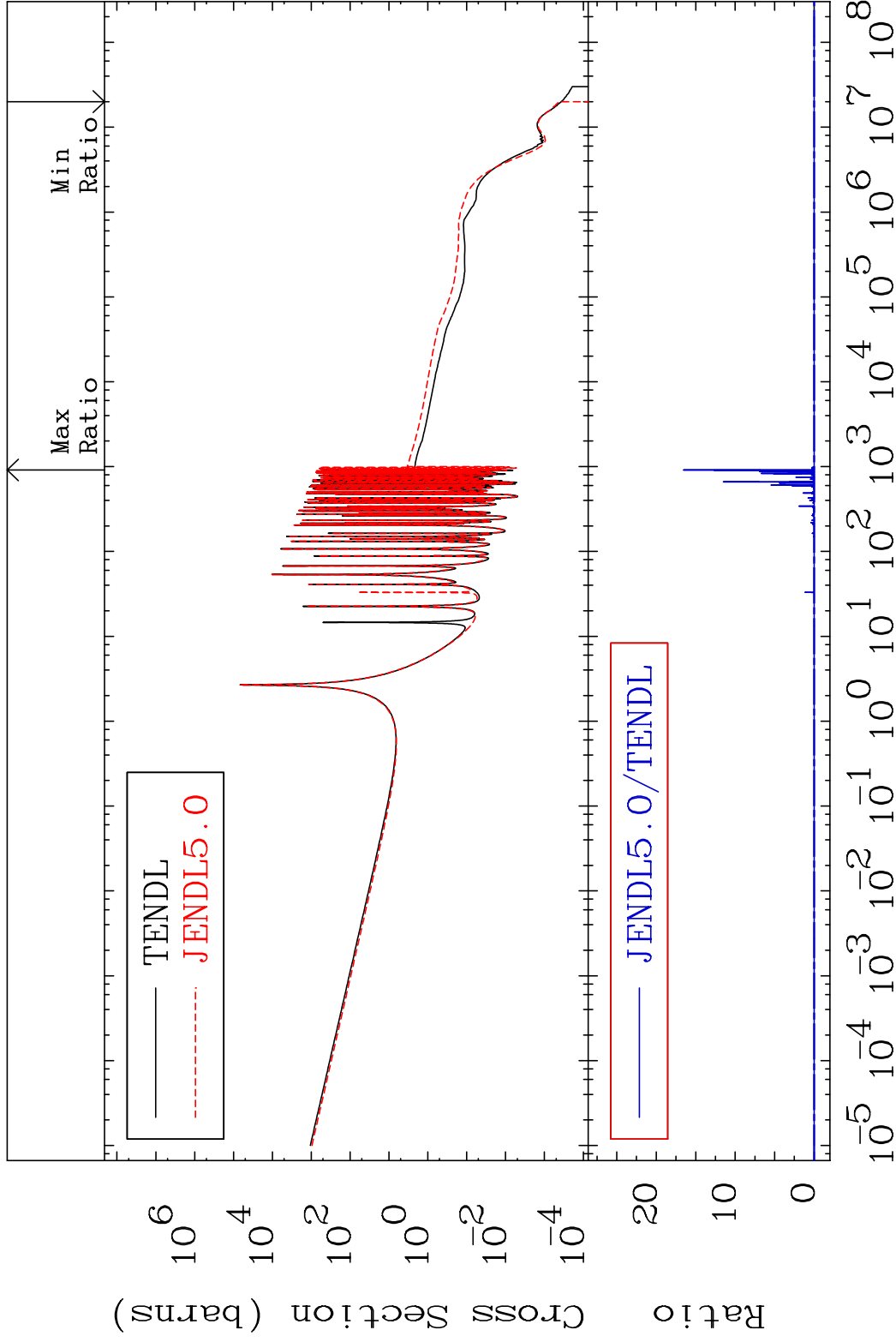


MAT 9446

(n, γ)

94-Pu-242

Cross Section -100.0 To 9999. %

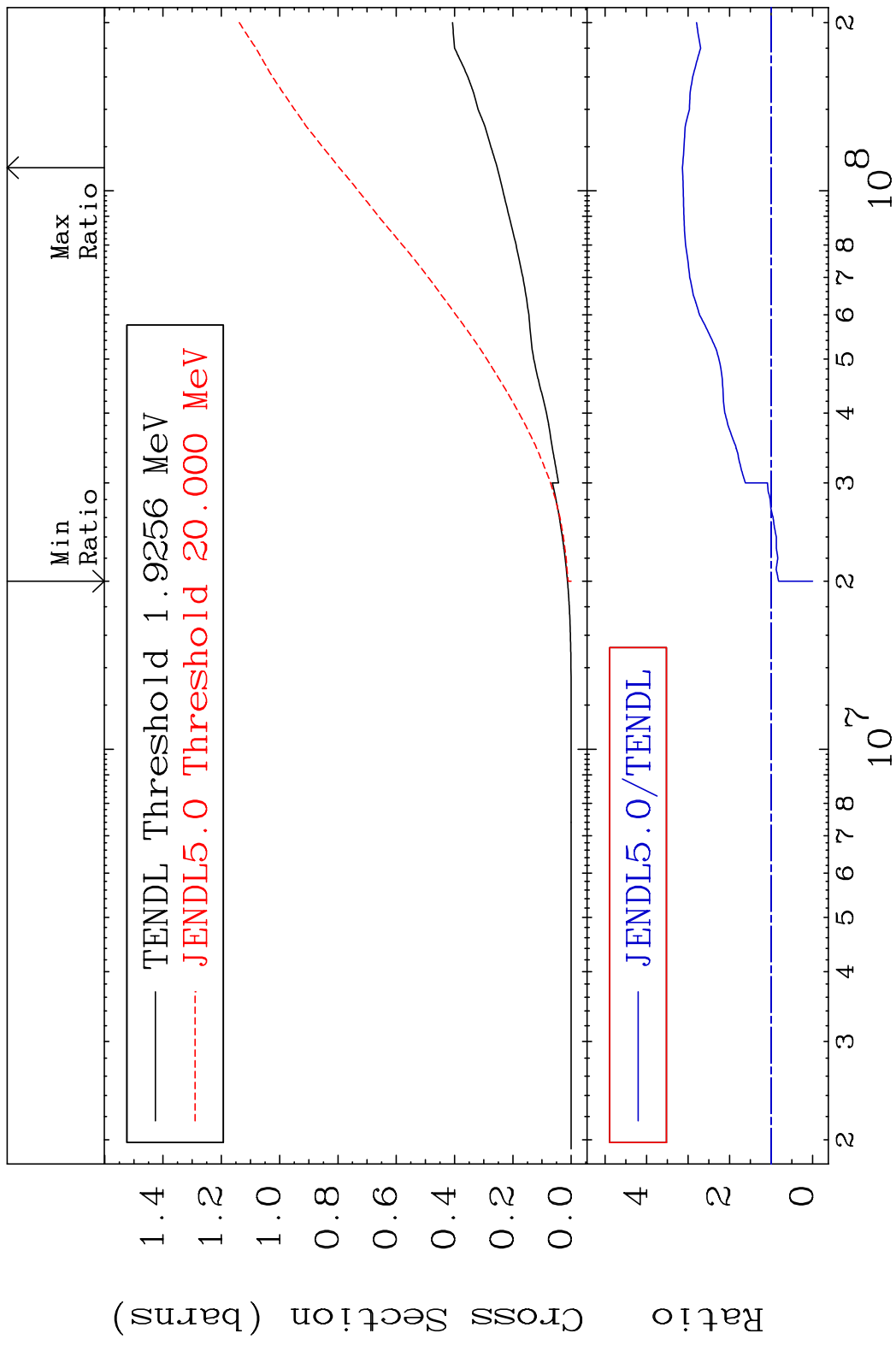


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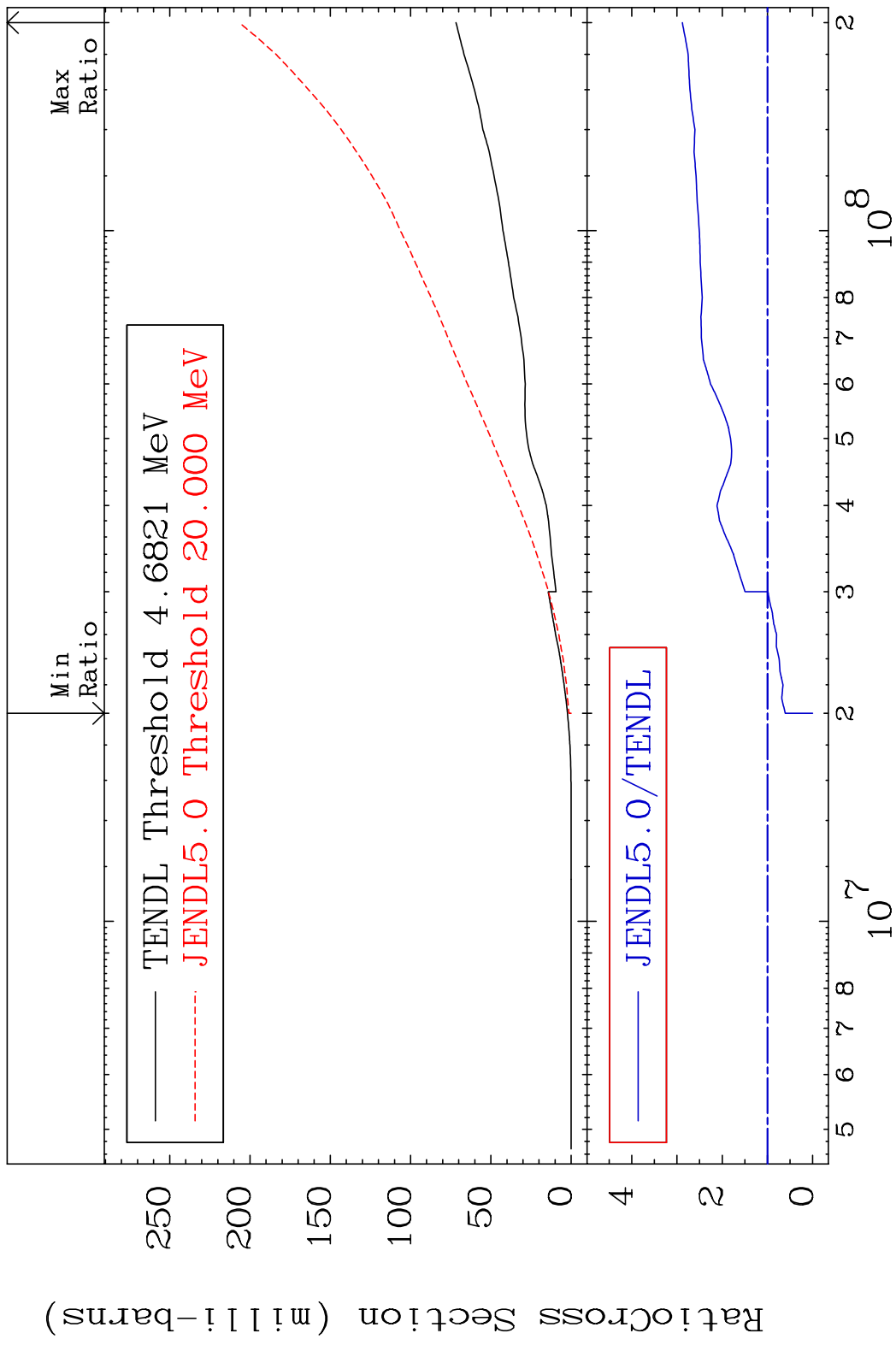
Incident Energy (eV)

94-Pu-242

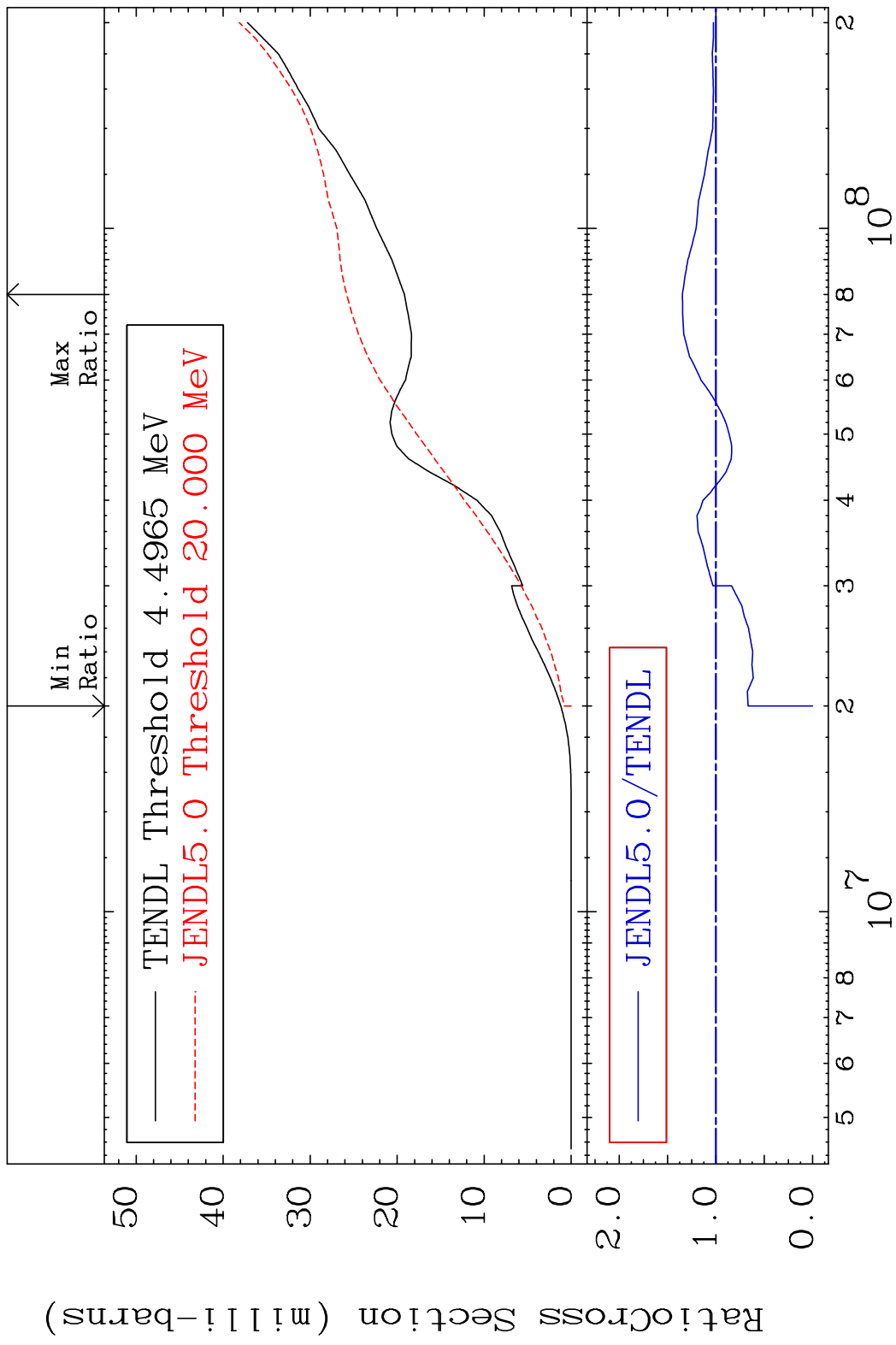
MAT 9446 Hydrogen Production 94-Pu-242
 Cross Section -100.0 To 213.9 %



MAT 9446 Deuterium Production 94-Pu-242
 Cross Section -100.0 To 188.2 %



MAT 9446 Tritium Production ⁹⁴Pu-242
 Cross Section -100.0 To 34.64 %

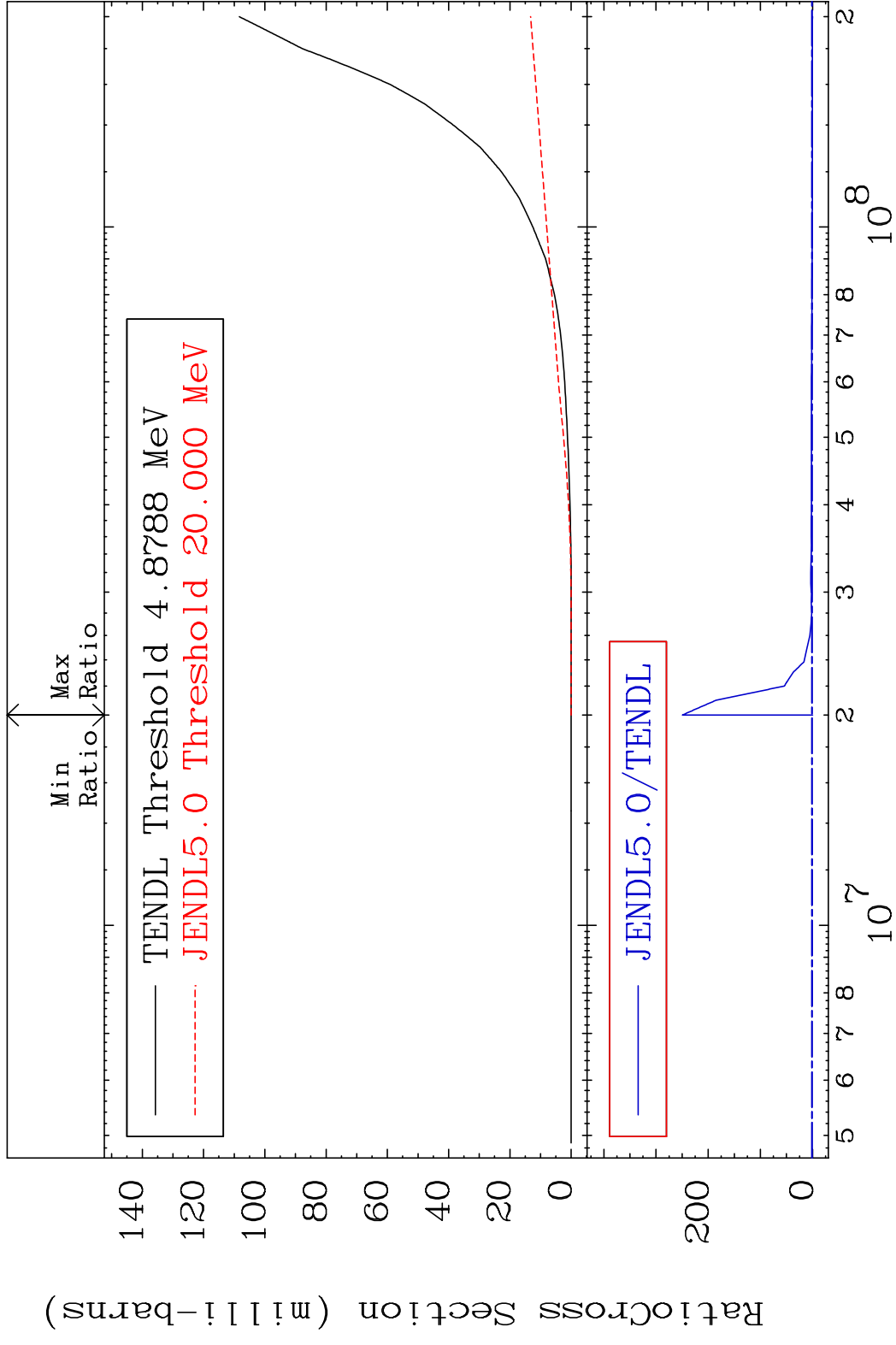


MAT 9446

He-3 Production

94-Pu-242

Cross Section -100.0 To 9999. %

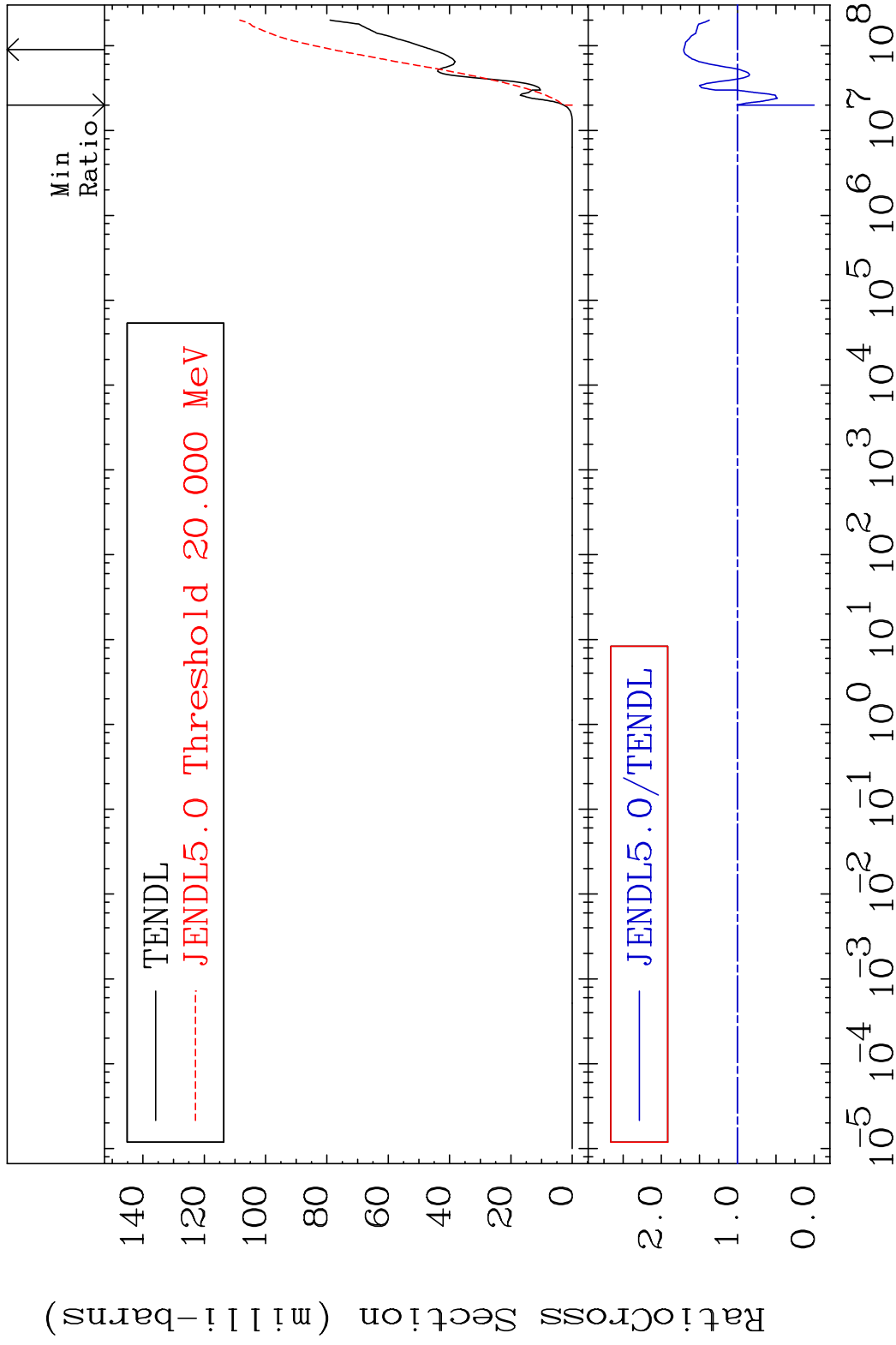


MAT 9446

He-4 Production

94-Pu-242

Cross Section -100.0 To 70.75 %

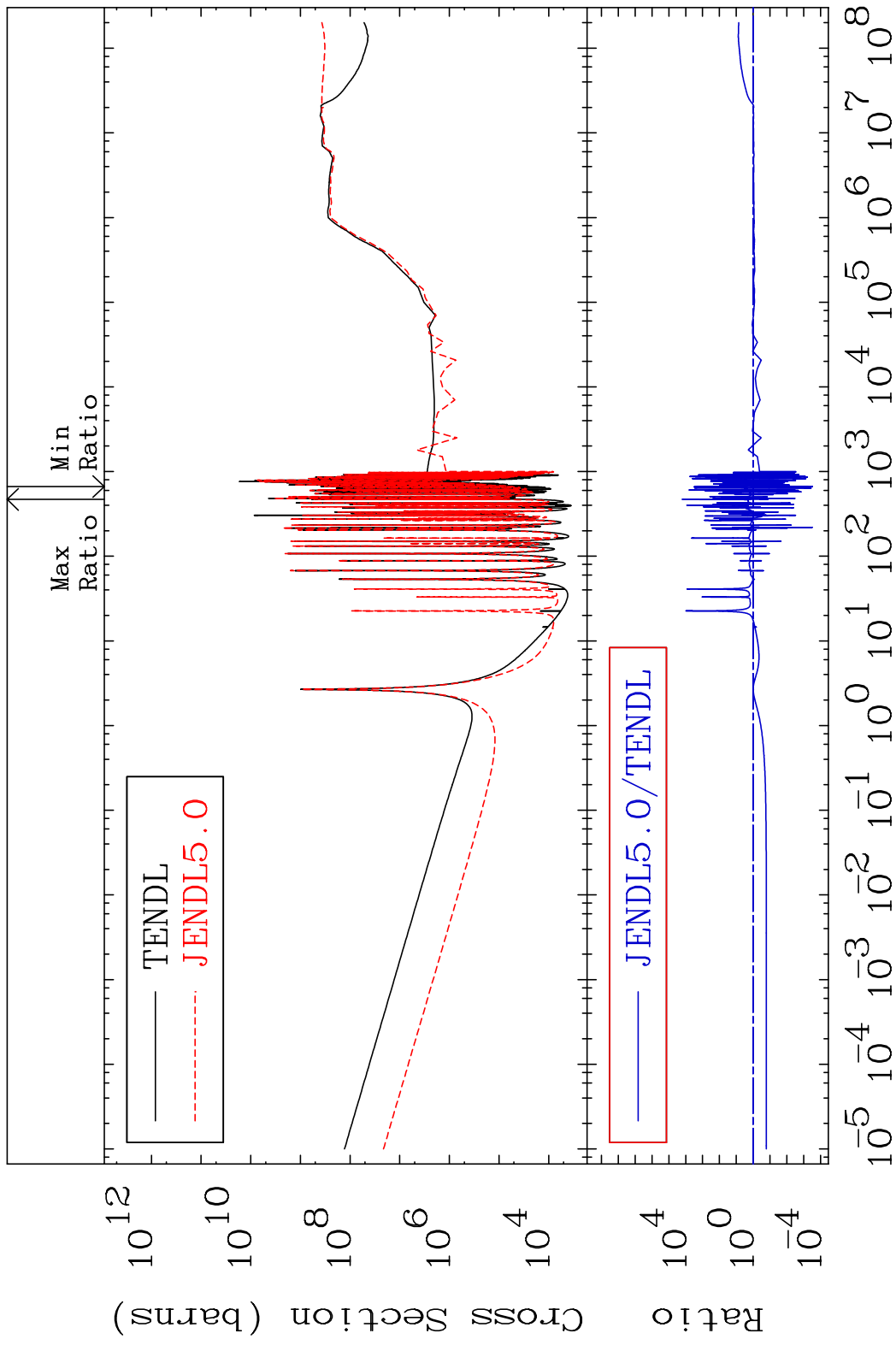


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Incident Energy (eV)

94-Pu-242

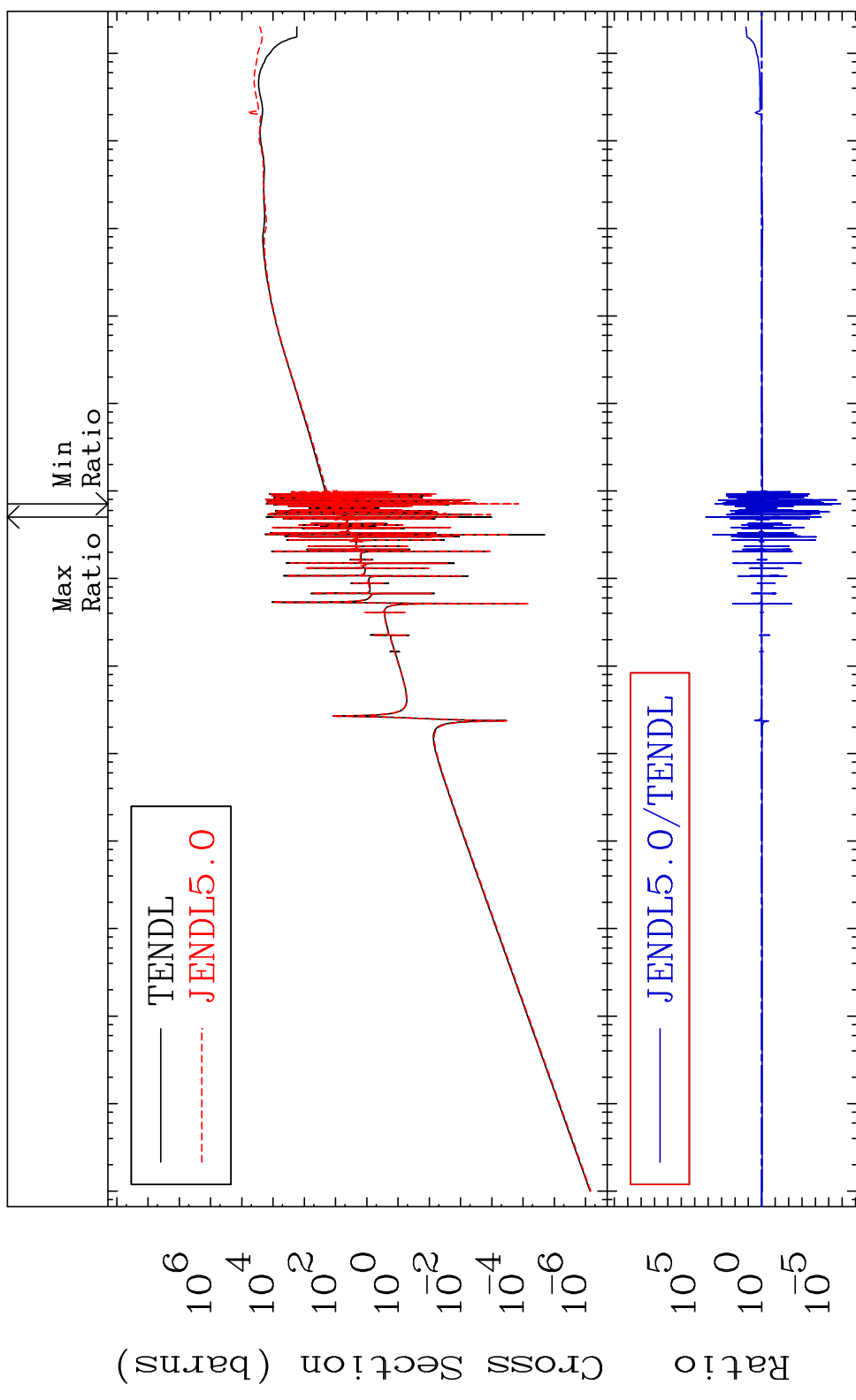
MAT 9446 Kerma total (eV-barns) 94-Pu-242
 Cross Section -99.97 To 9999. %



MAT 9446

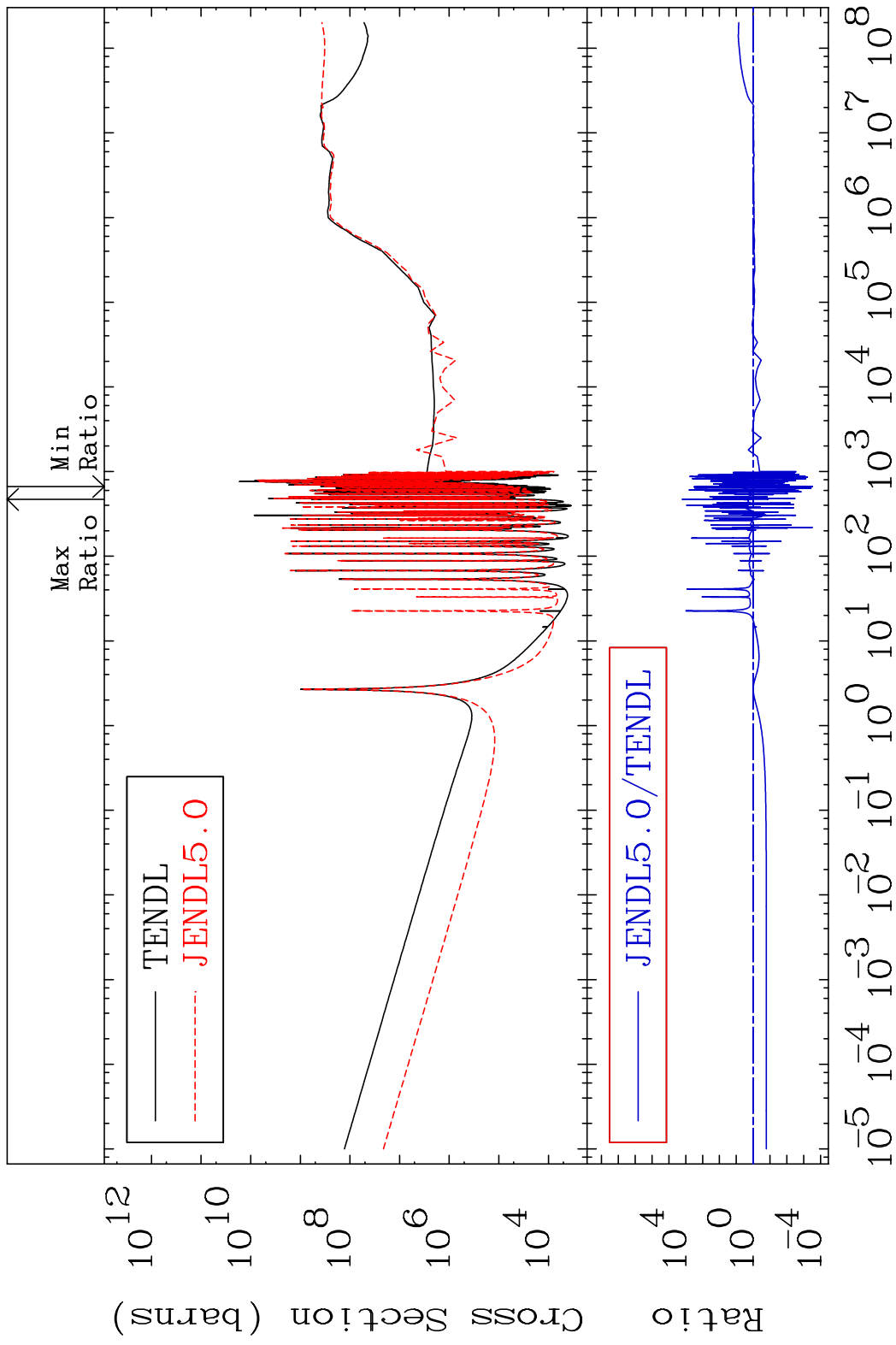
Kerma elastic
Cross Section -100.0 To 9999. %

94-Pu-242

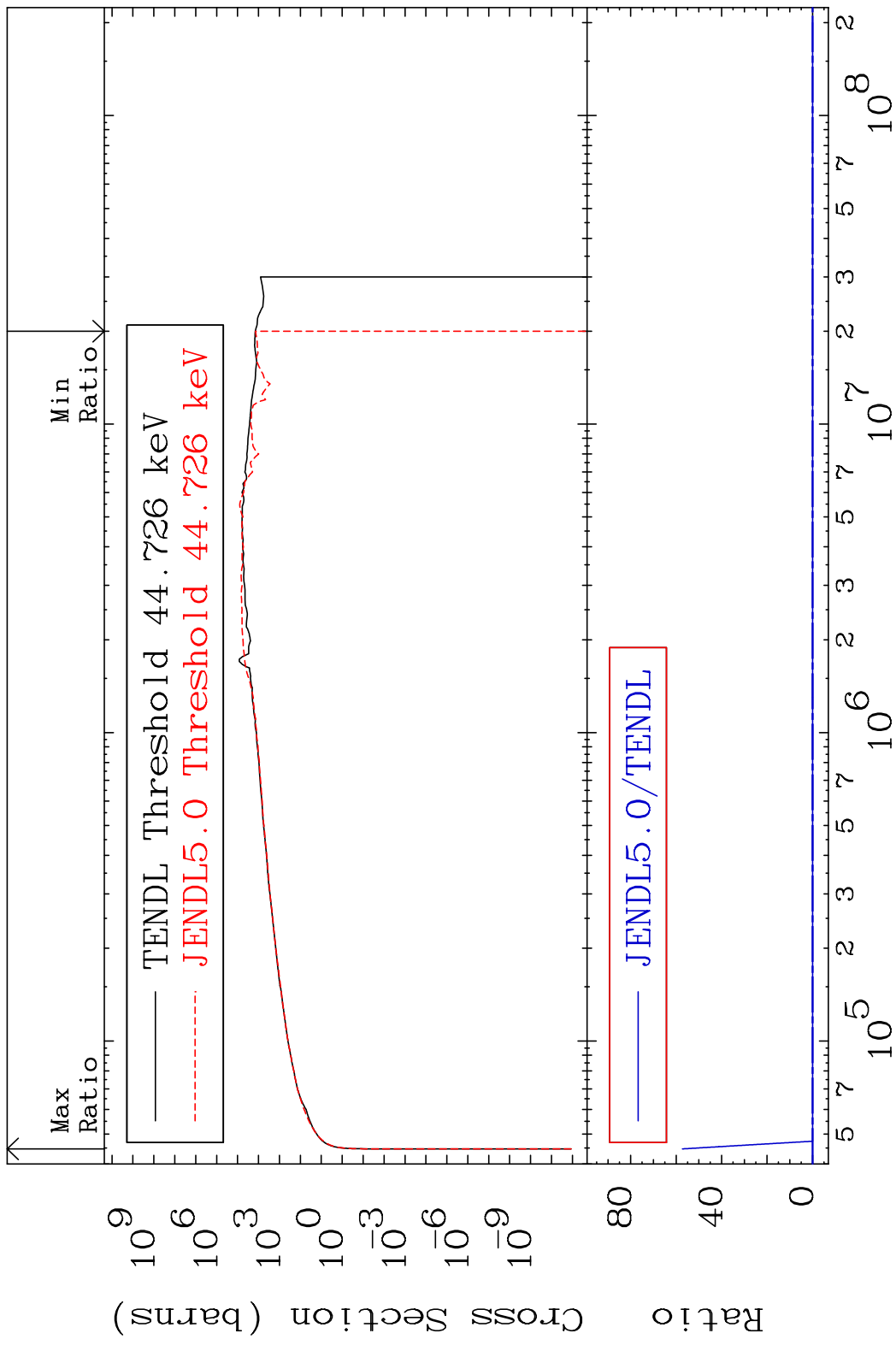


Incident Energy (eV)

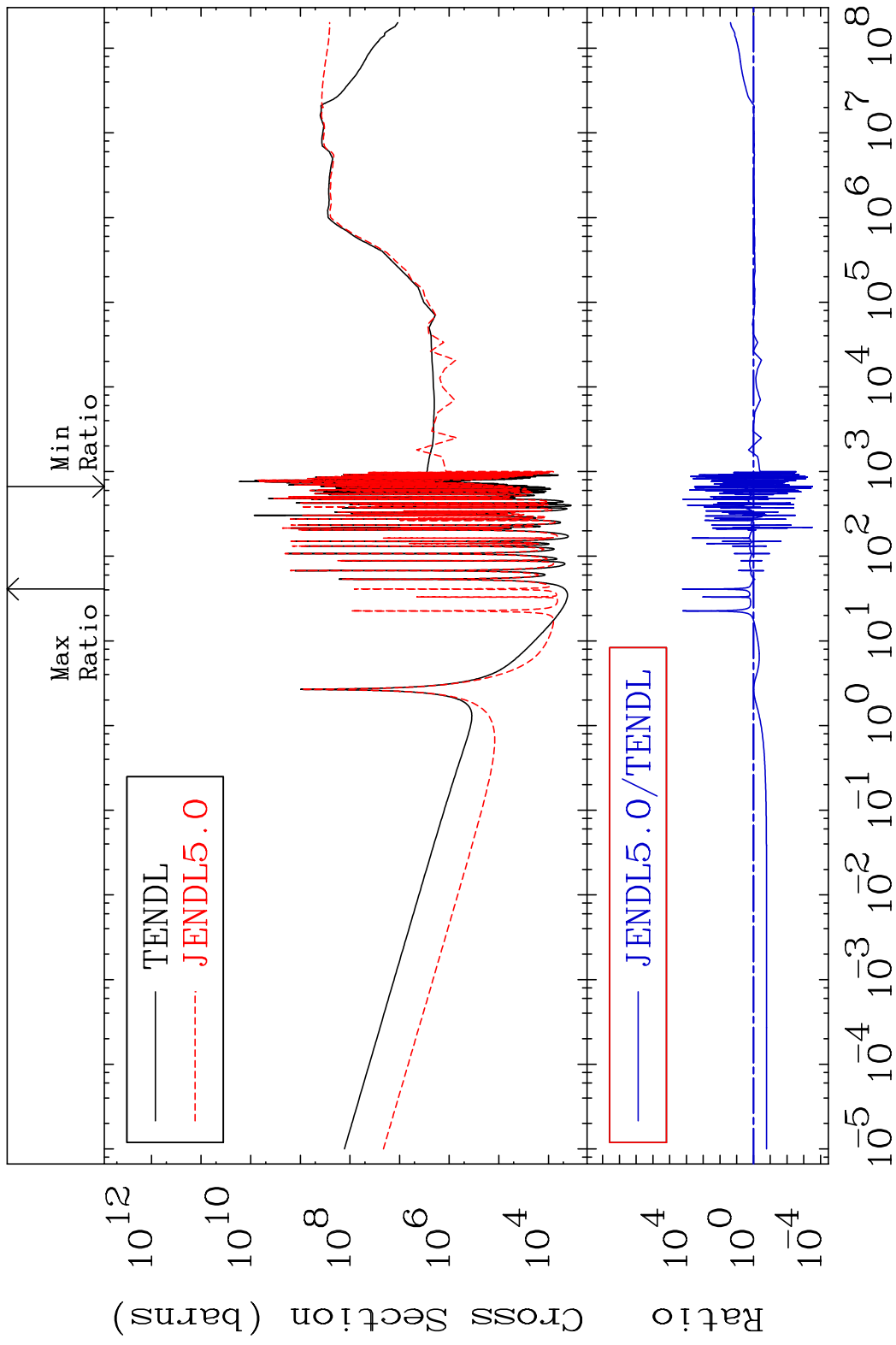
MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242
 Cross Section -99.97 To 9999. %



MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242
 Cross Section -100.0 To 9999. %



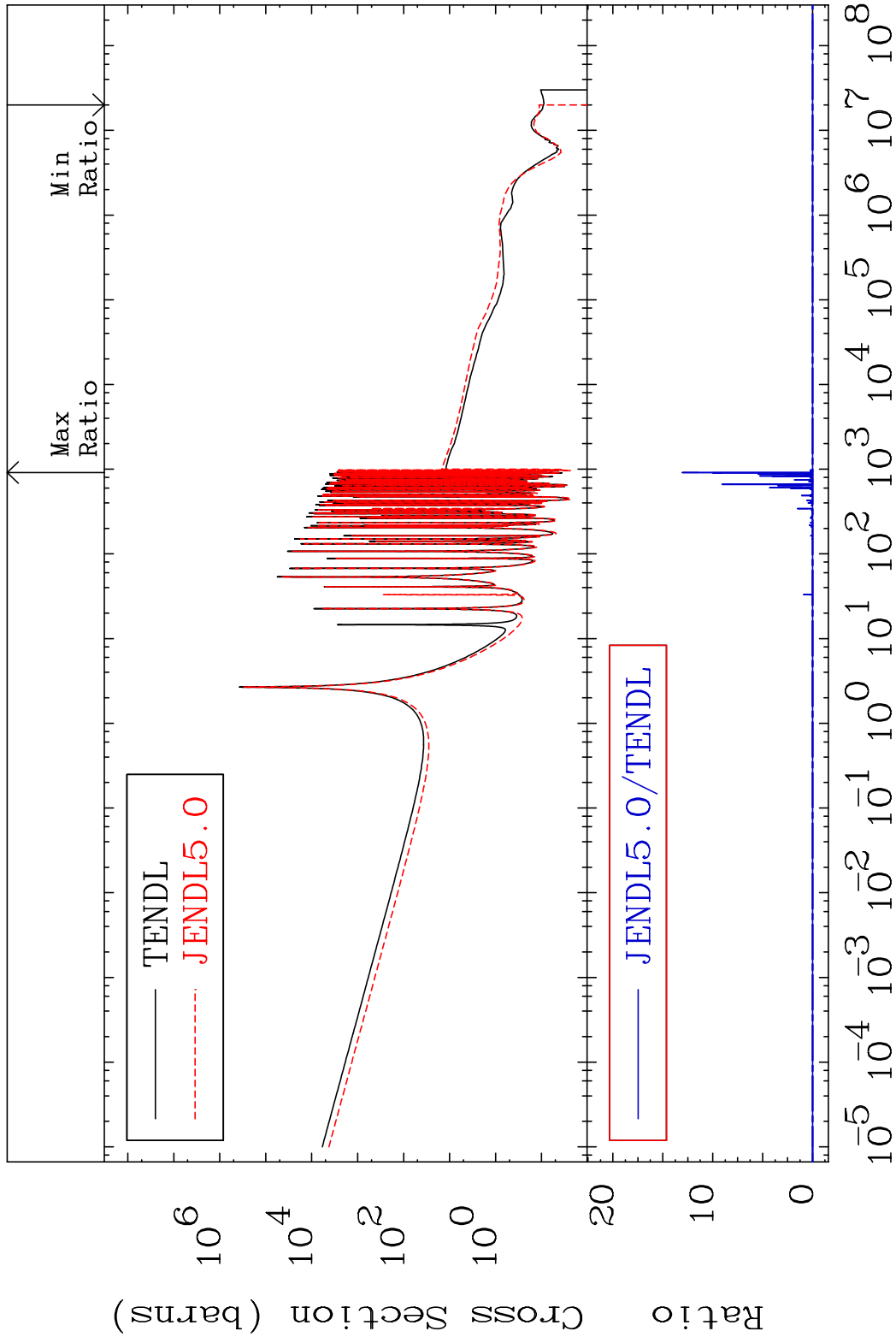
MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242
Cross Section -99.97 To 9999. %



MAT 9446

Kerma capture (mt102) 94-Pu-242

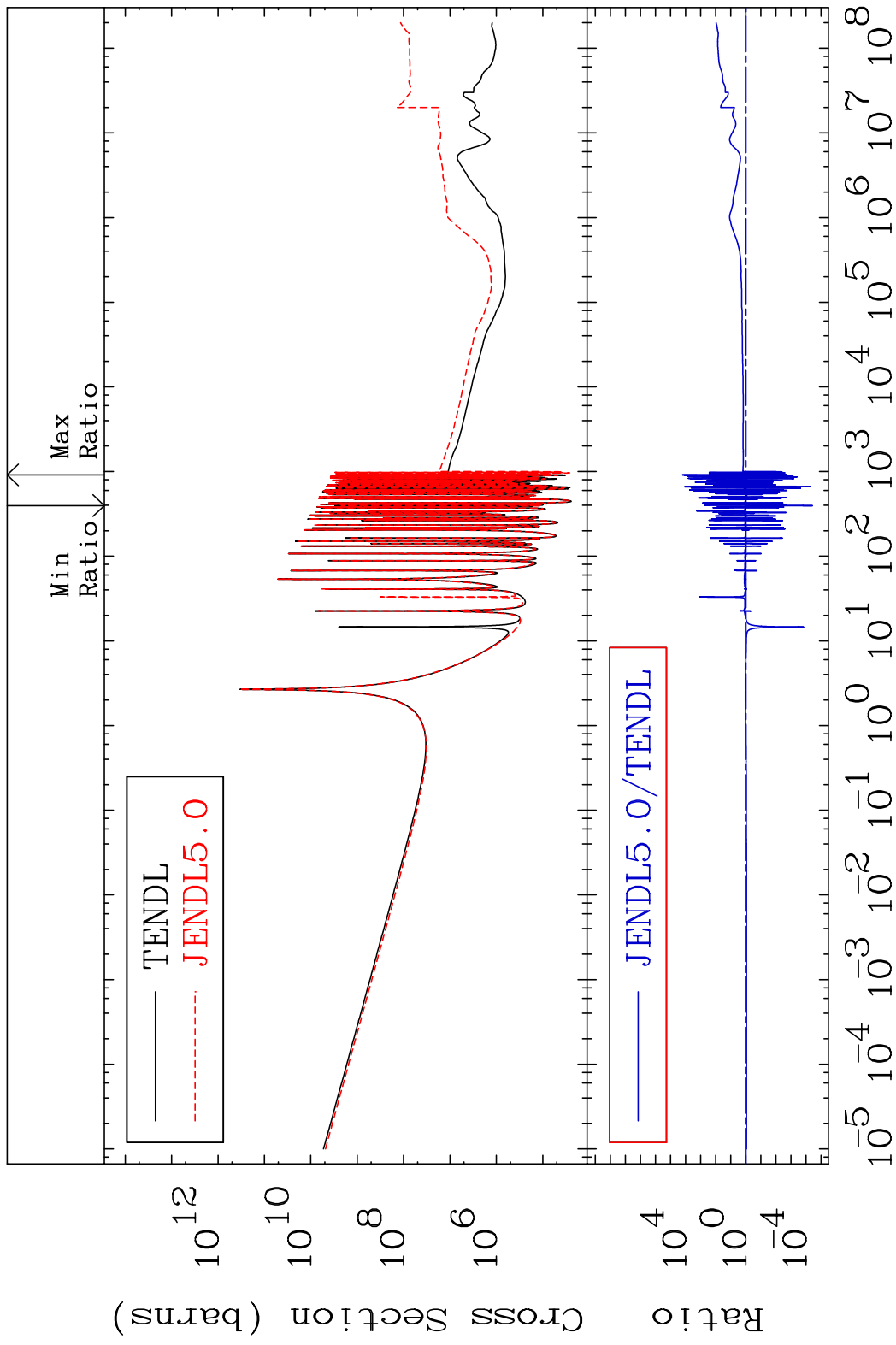
Cross Section -100.0 To 9999. %



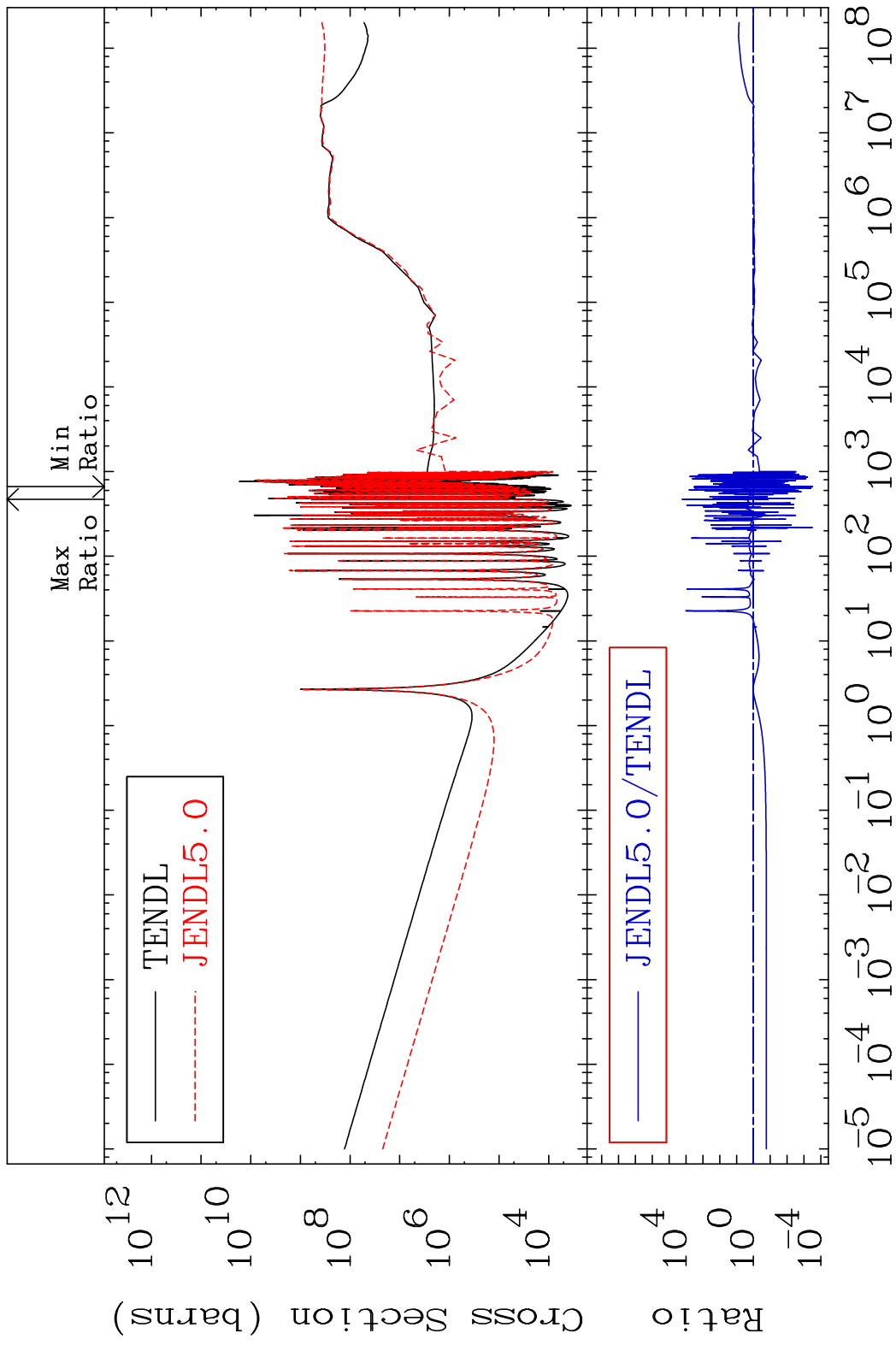
41

Incident Energy (eV) 94-Pu-242

MAT 9446 Total photon (eV-barns) 94-Pu-242
 Cross Section -100.0 To 9999. %



MAT 9446 Total kinematic kerma (high limit) 94-Pu-242
Cross Section -99.97 To 9999. %

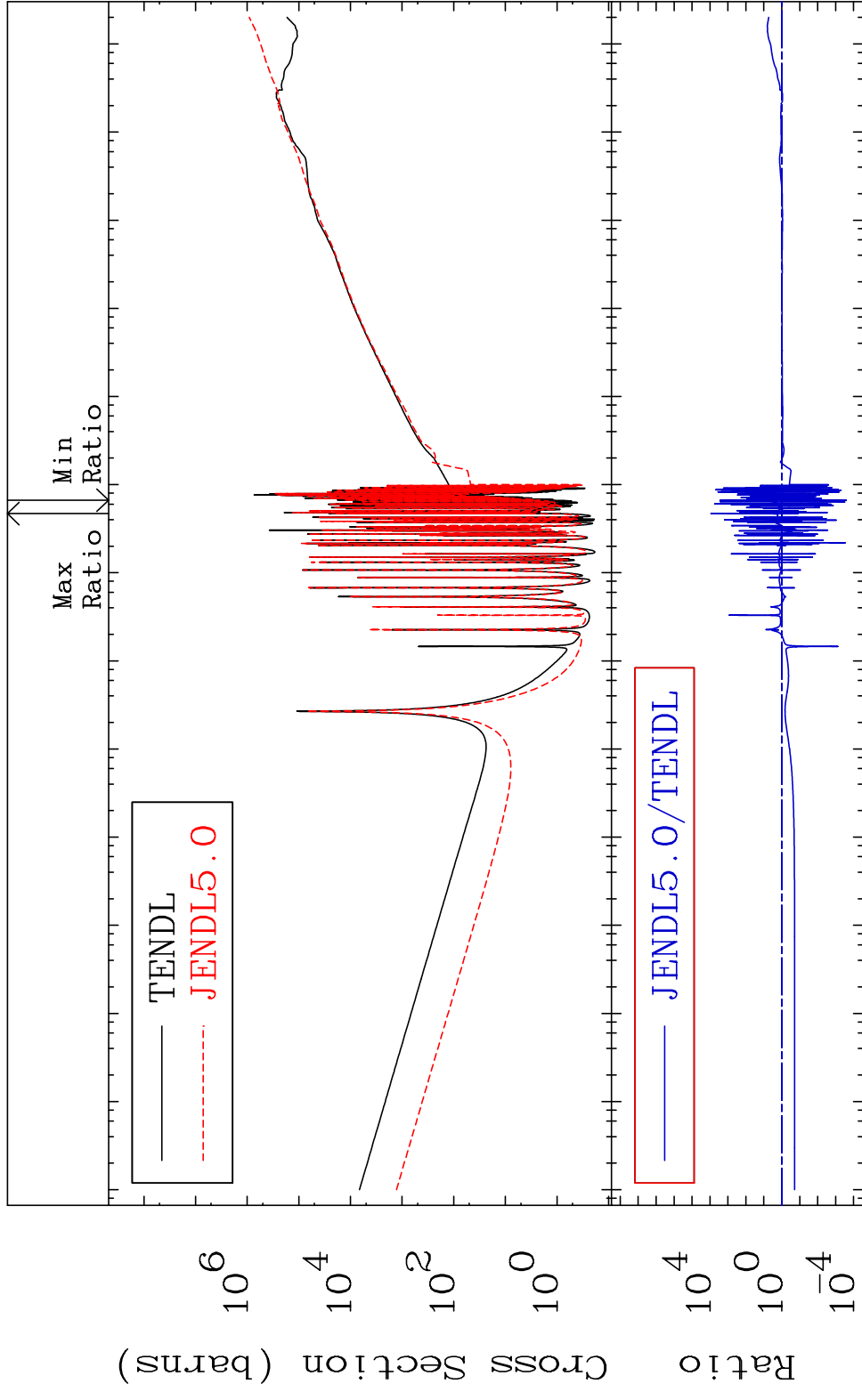


MAT 9446

Dpa total (eV-barns)

94-Pu-242

Cross Section -99.97 To 9999. %

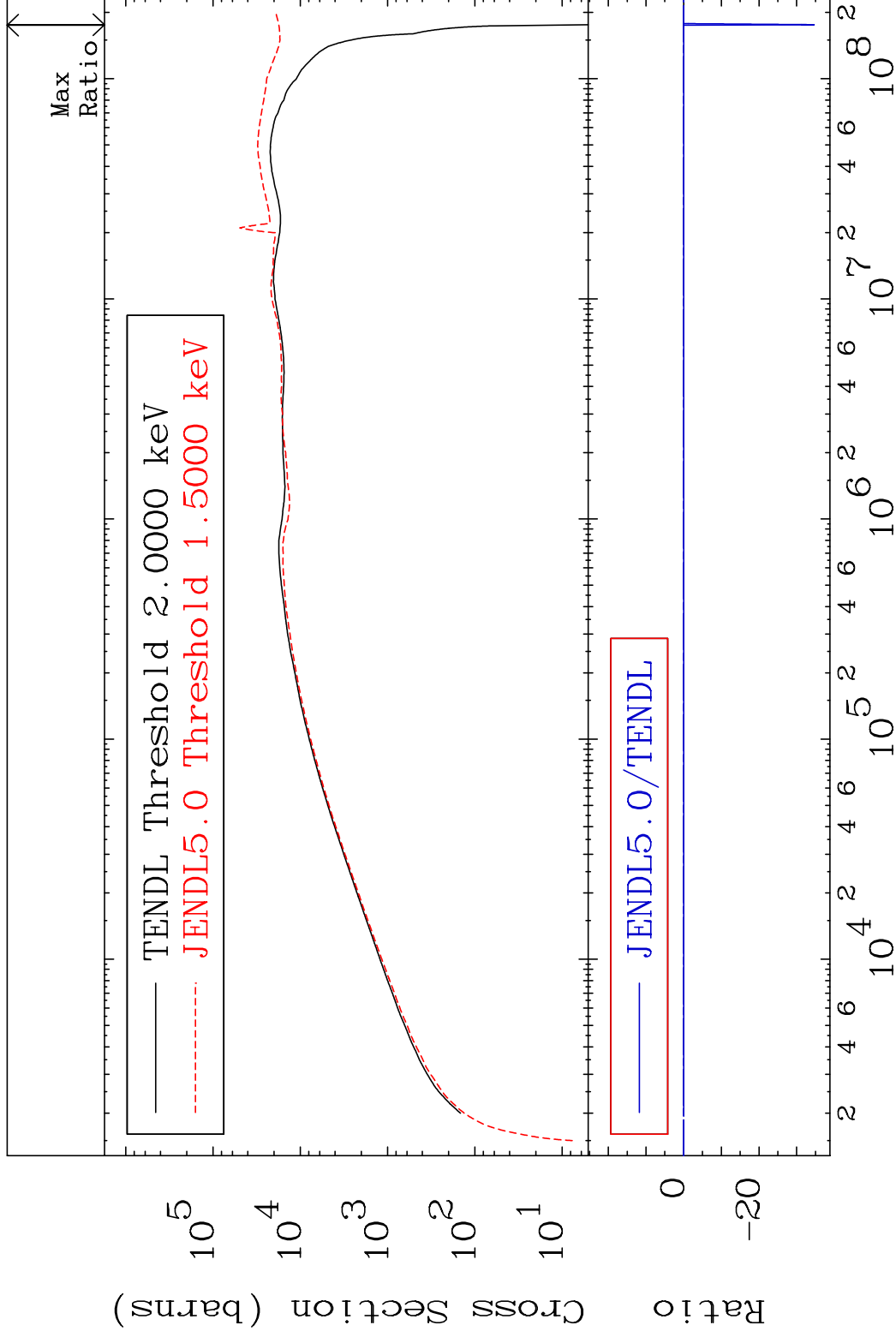


MAT 9446

Dpa elastic (mt2)

94-Pu-242

Cross Section -9999. To 9999. %

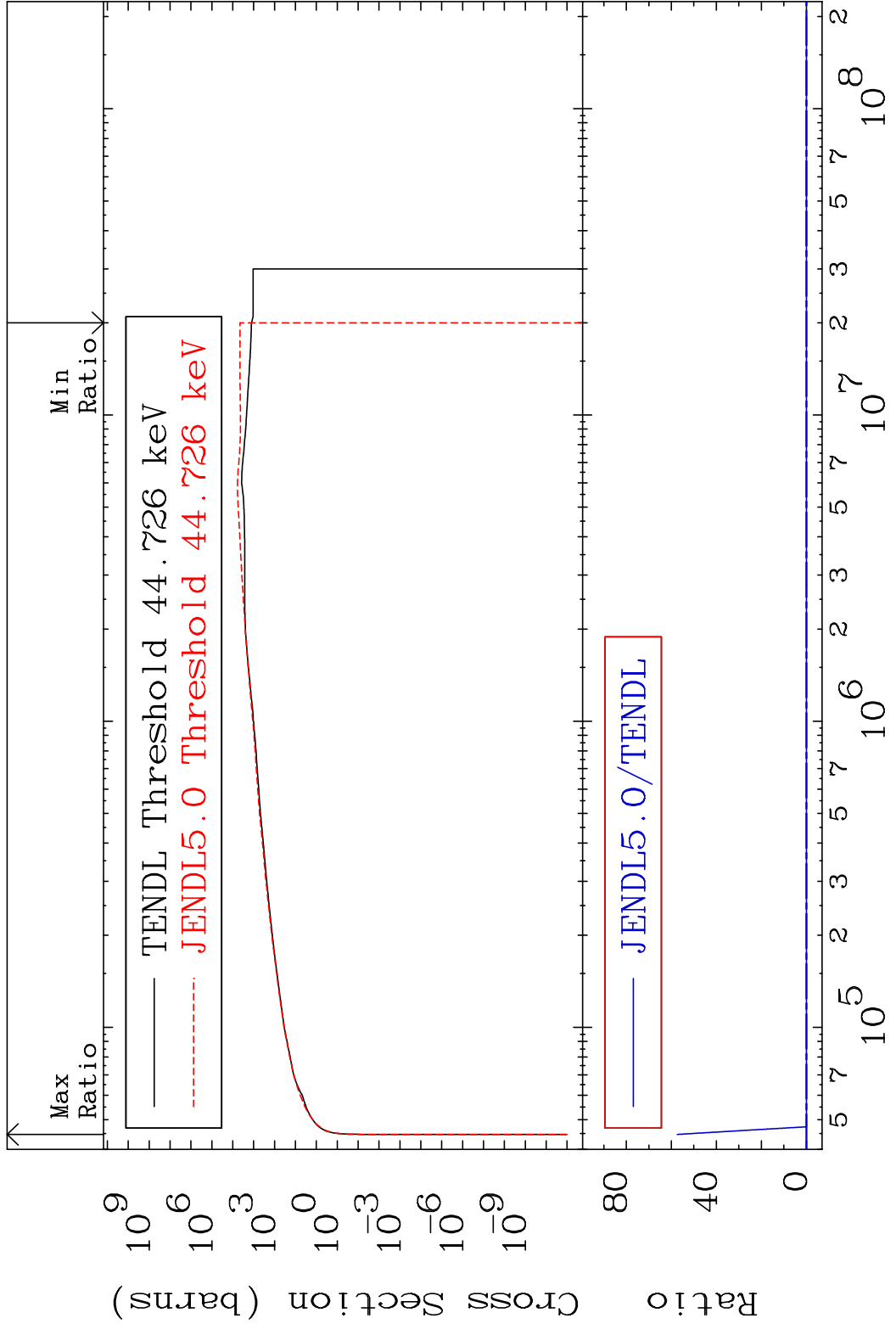


45

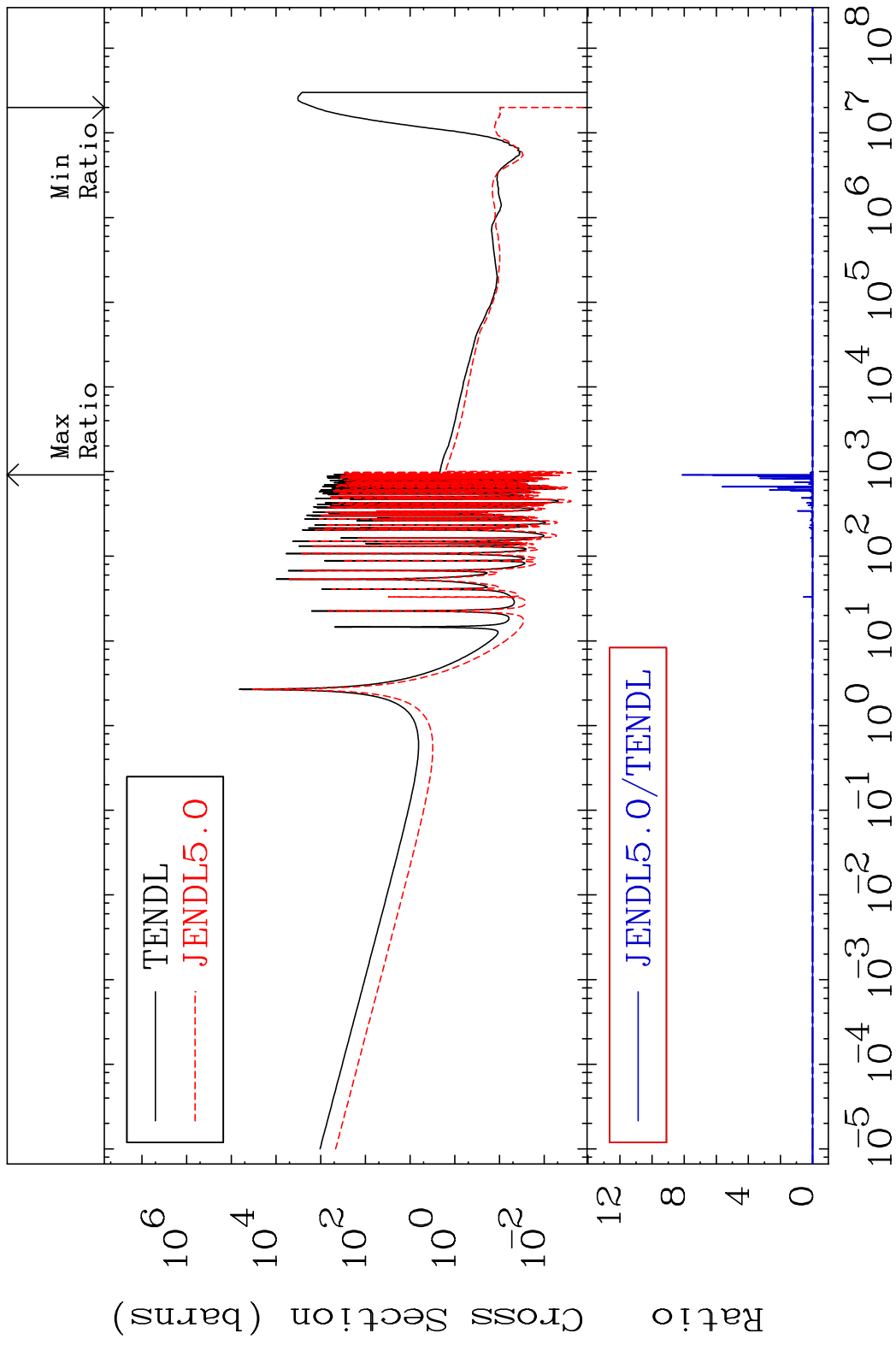
Incident Energy (eV)

94-Pu-242

MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242
 Cross Section -100.0 To 9999. %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 94-Pu-242