

Program Complot  
(Version 2021-1)

by

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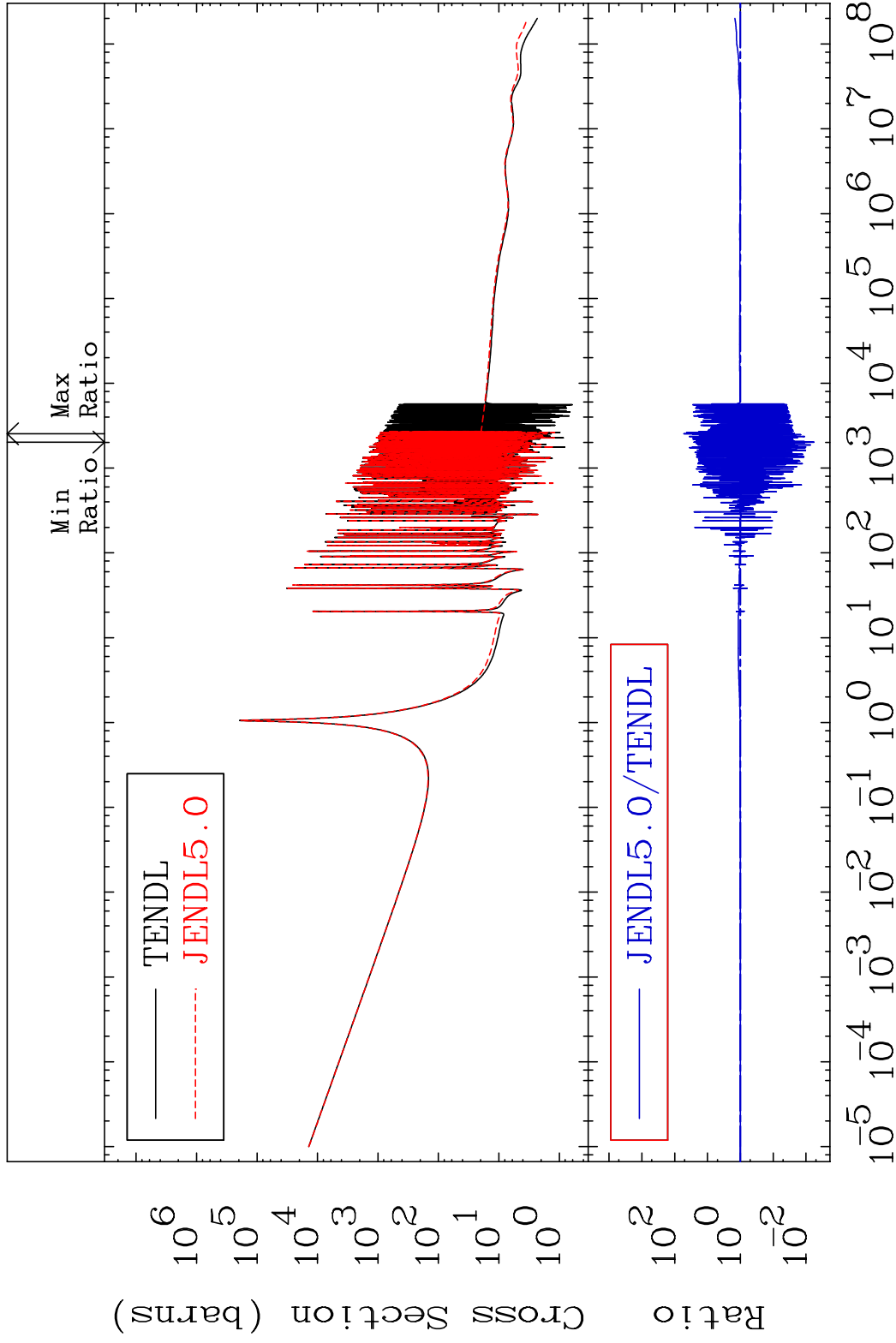
Press Mouse Button to Start

MAT 9440

Total

94-Pu-240

Cross Section -99.43 To 5231. %



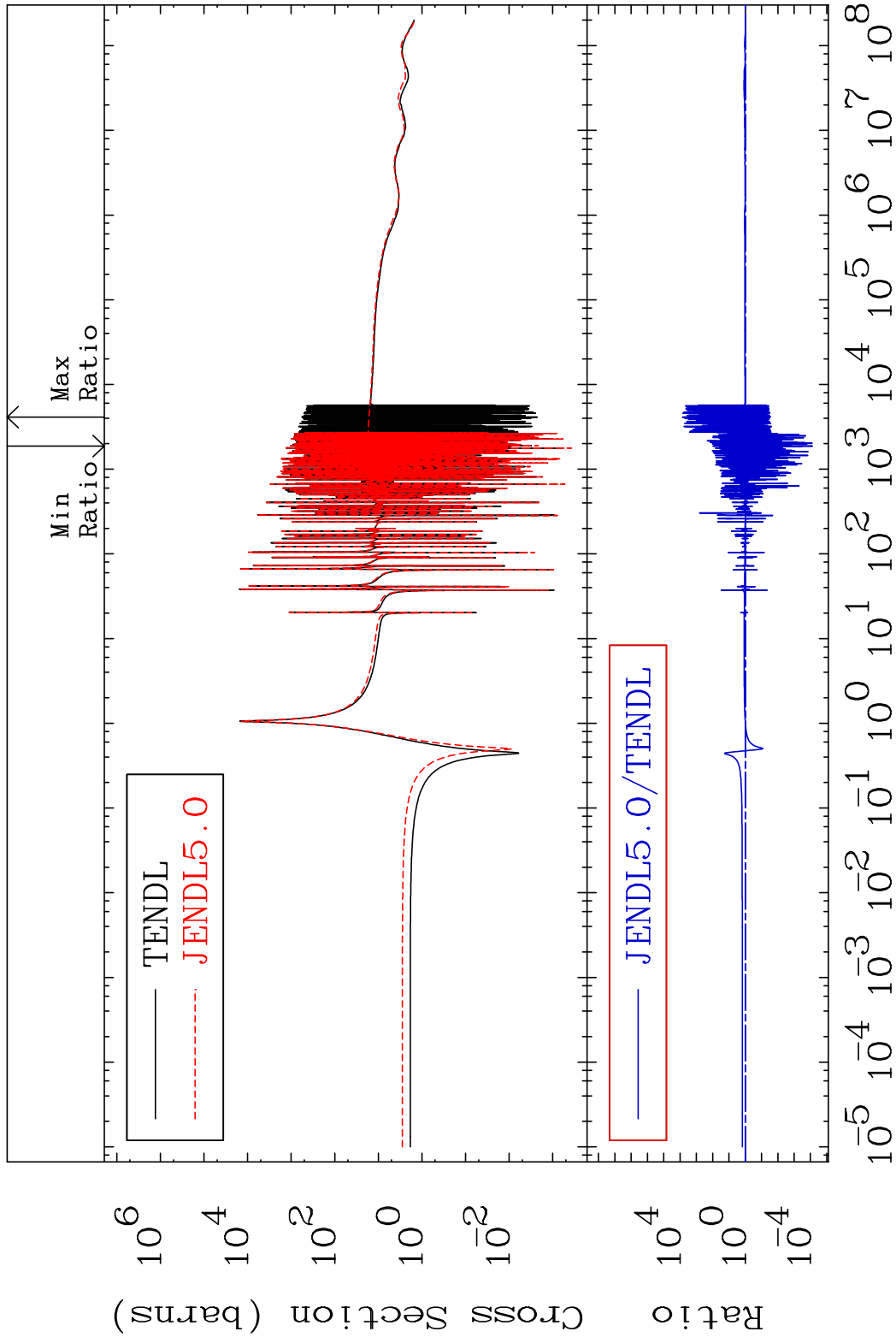
1

Incident Energy (eV)

94-Pu-240

MAT 9440

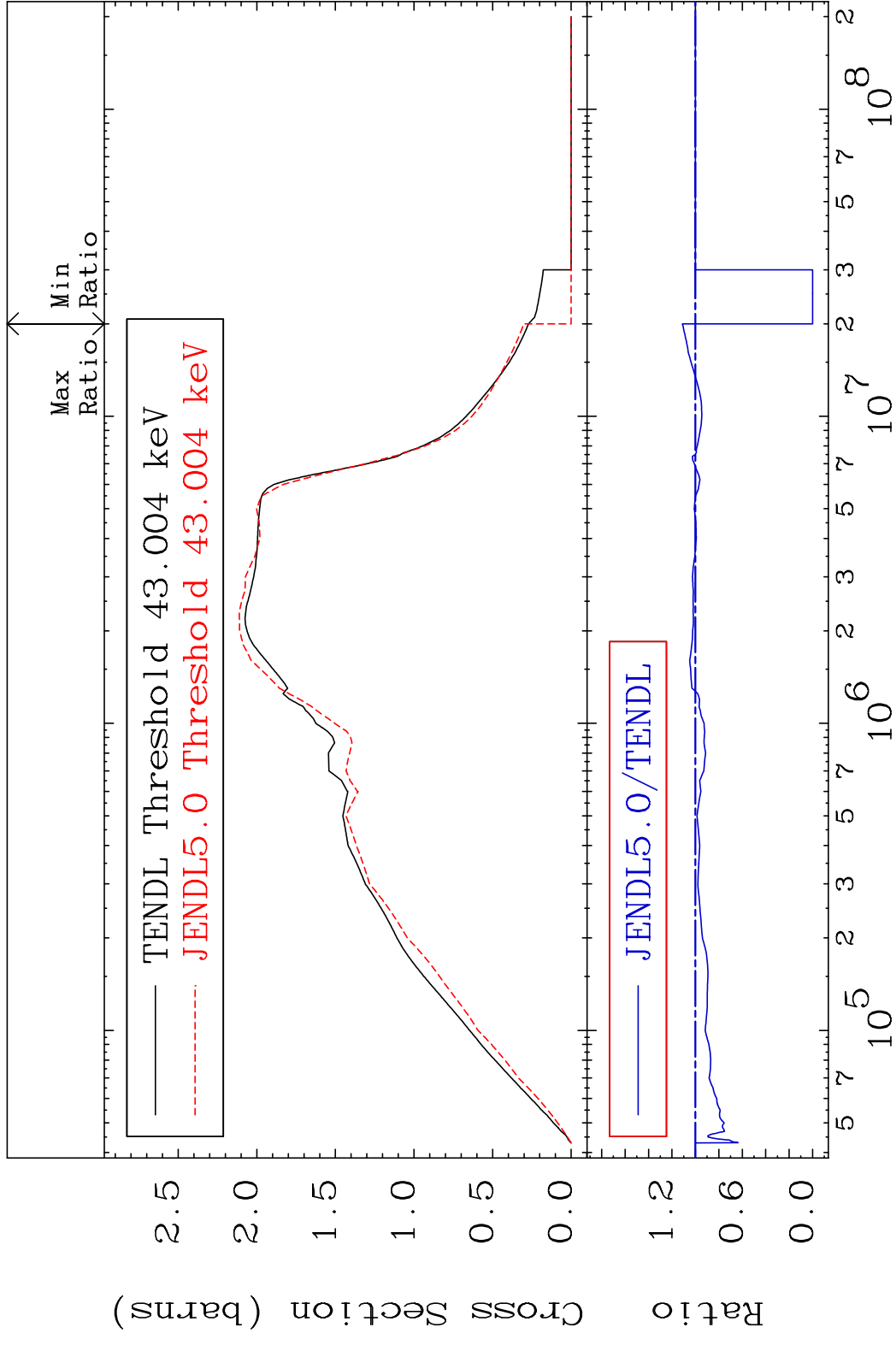
Elastic Cross Section 94-Pu-240  
-99.99 To 9999. %



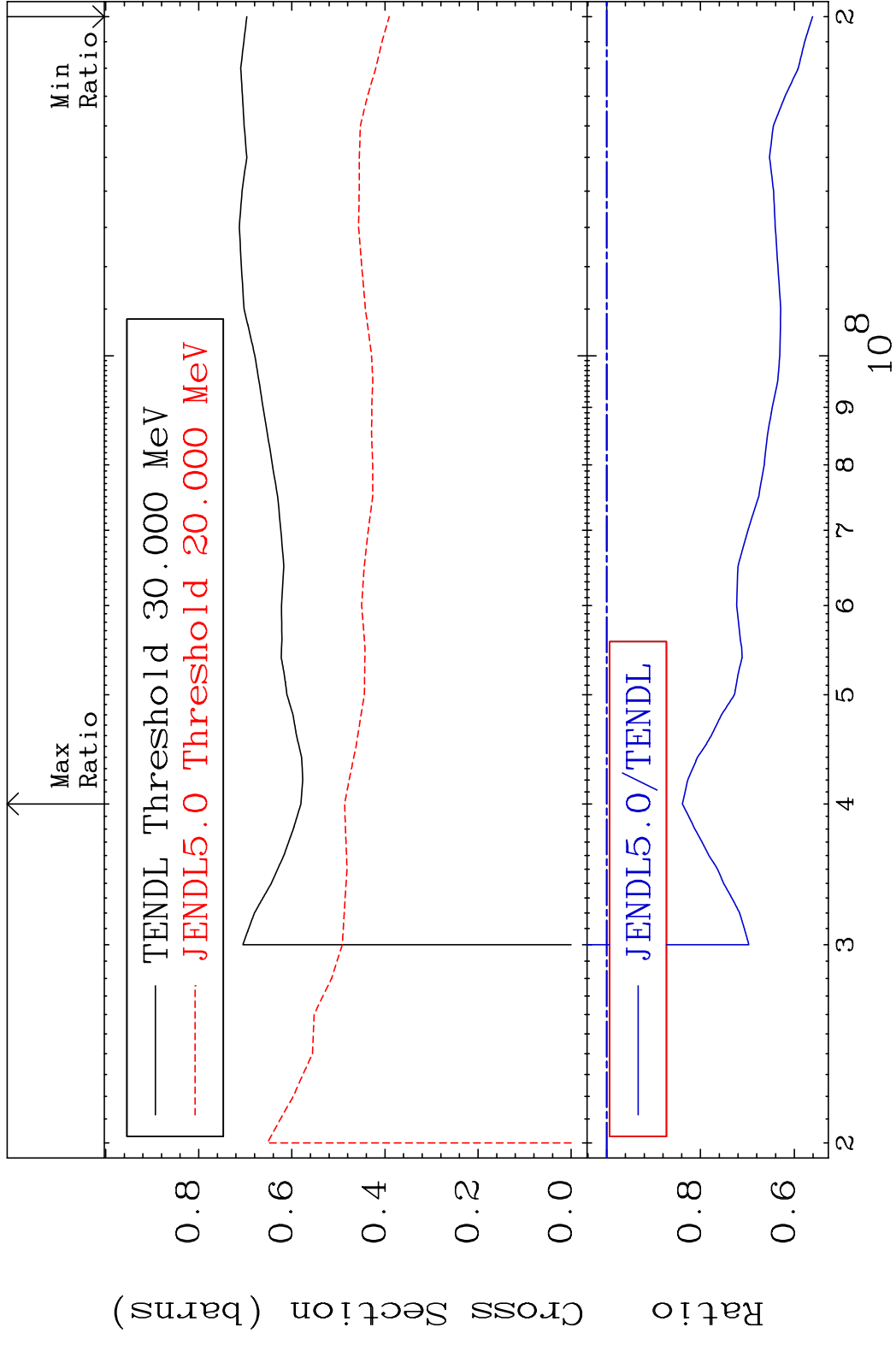
2

Incident Energy (eV) 94-Pu-240

MAT 9440 Inelastic 94-Pu-240  
 Cross Section -100.0 To 11.14 %

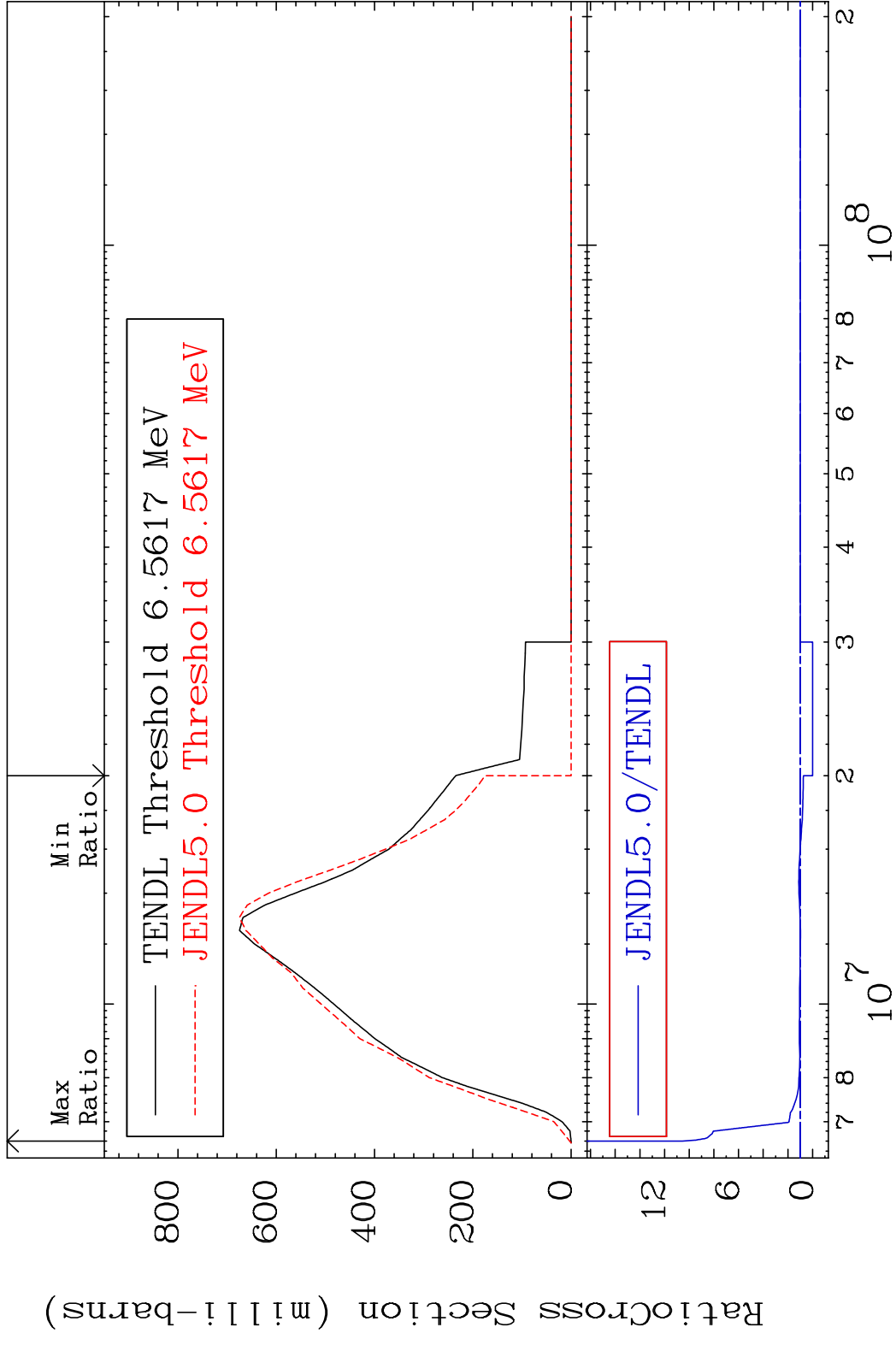


MAT 9440 (n, remainder) 94-Pu-240  
 Cross Section -43.88 To -16.13%



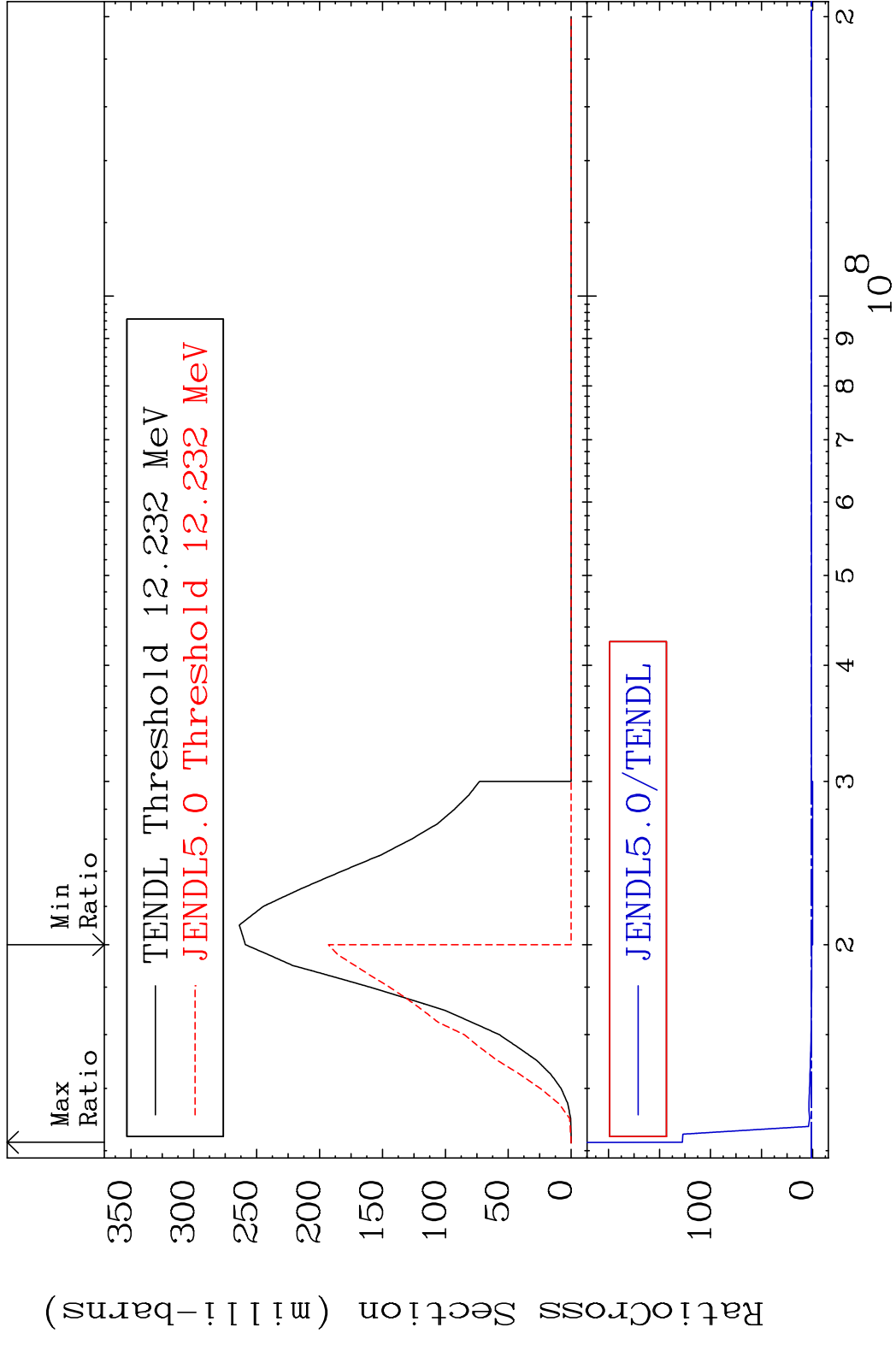
4 Incident Energy (eV) 94-Pu-240

MAT 9440 (n,2n) 94-Pu-240  
 Cross Section -100.0 To 955.6 %



5 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 94-Pu-240

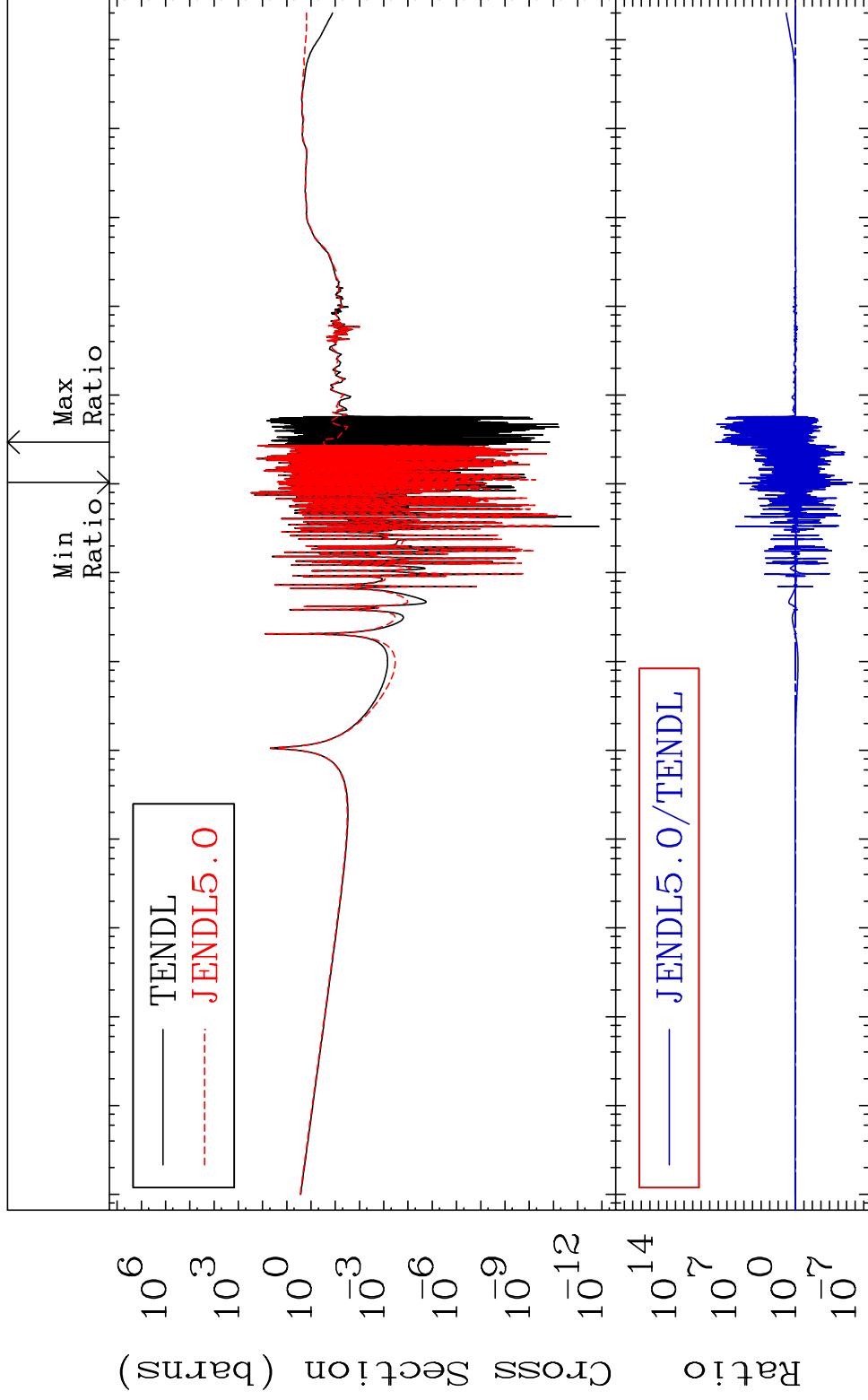
MAT 9440 (n,3n) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440

Fission  
Cross Section -100.0 To 9999. %

94-Pu-240



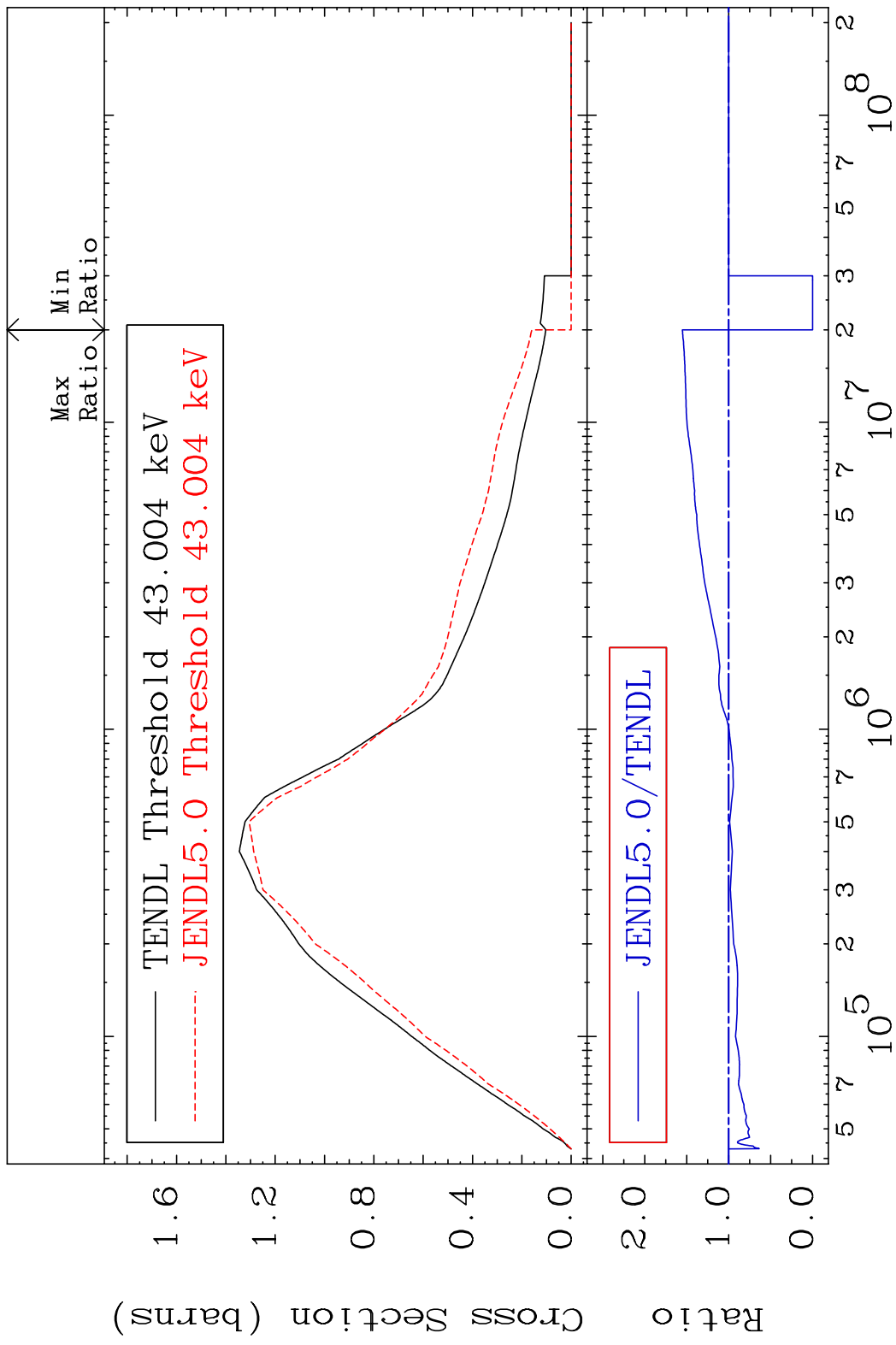
7

Incident Energy (eV)

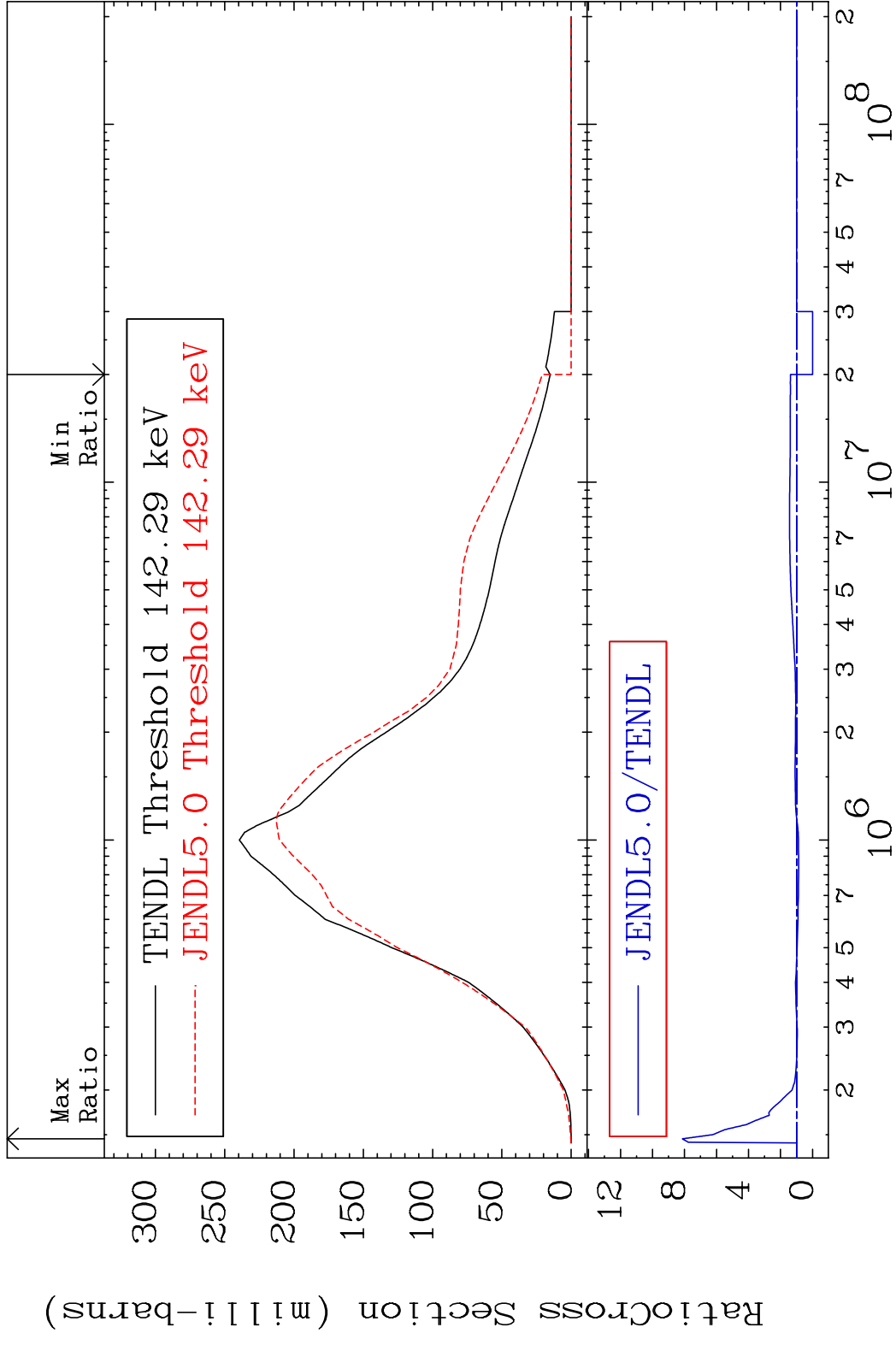
94-Pu-240



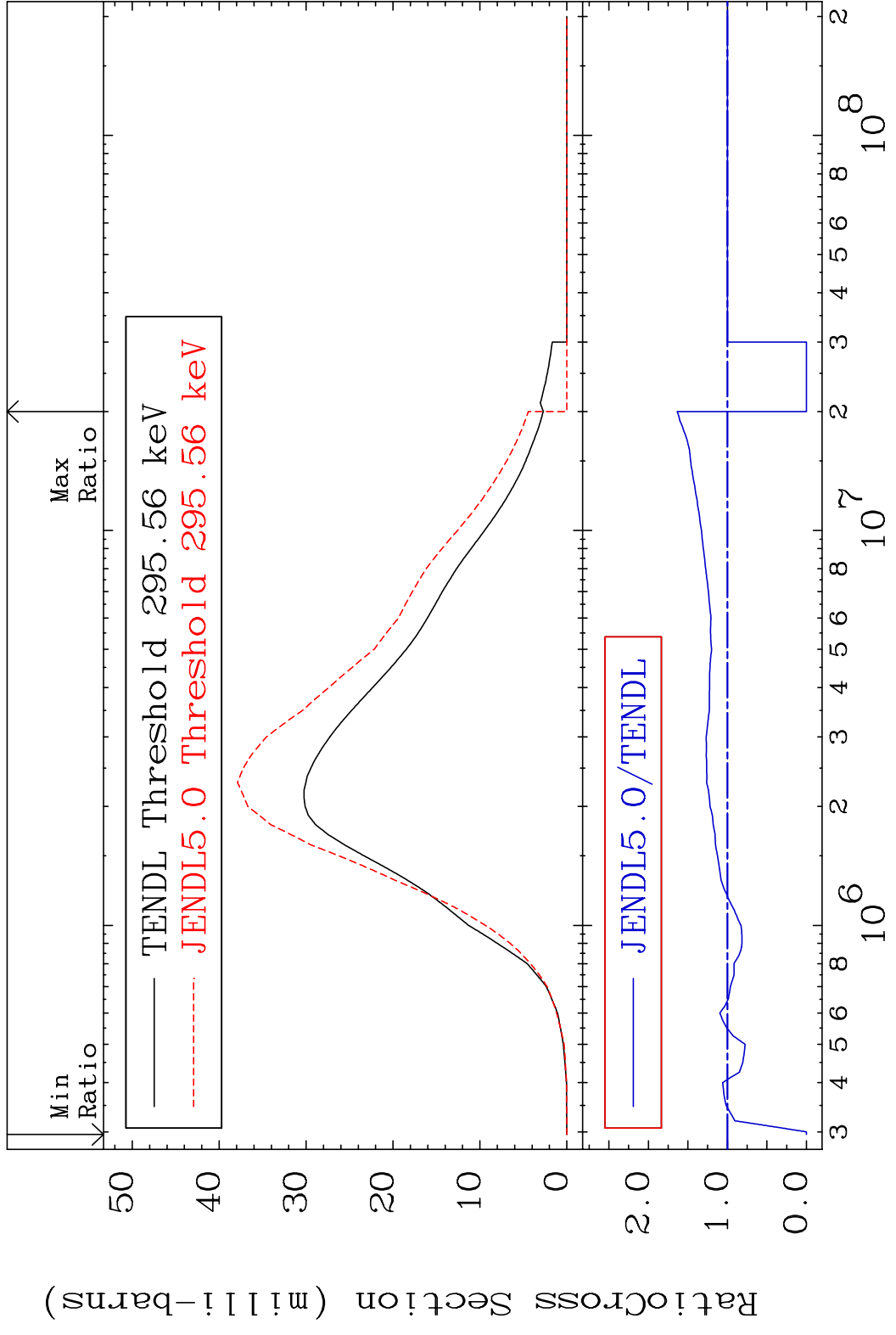
MAT 9440 MT= 51 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 55.12 %



MAT 9440 MT= 52 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 713.5 %



MAT 9440 MT= 53 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 63.54 %

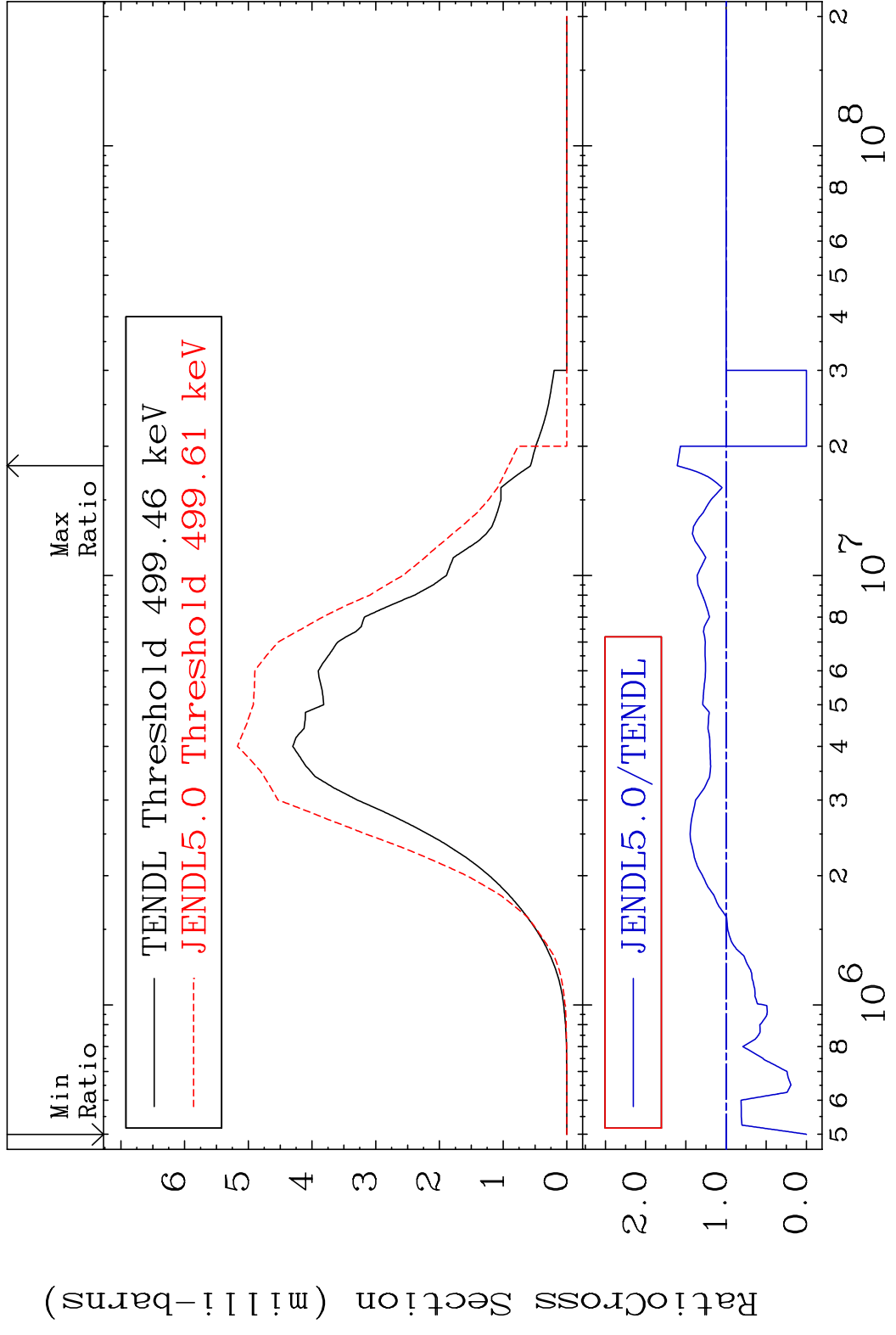


10

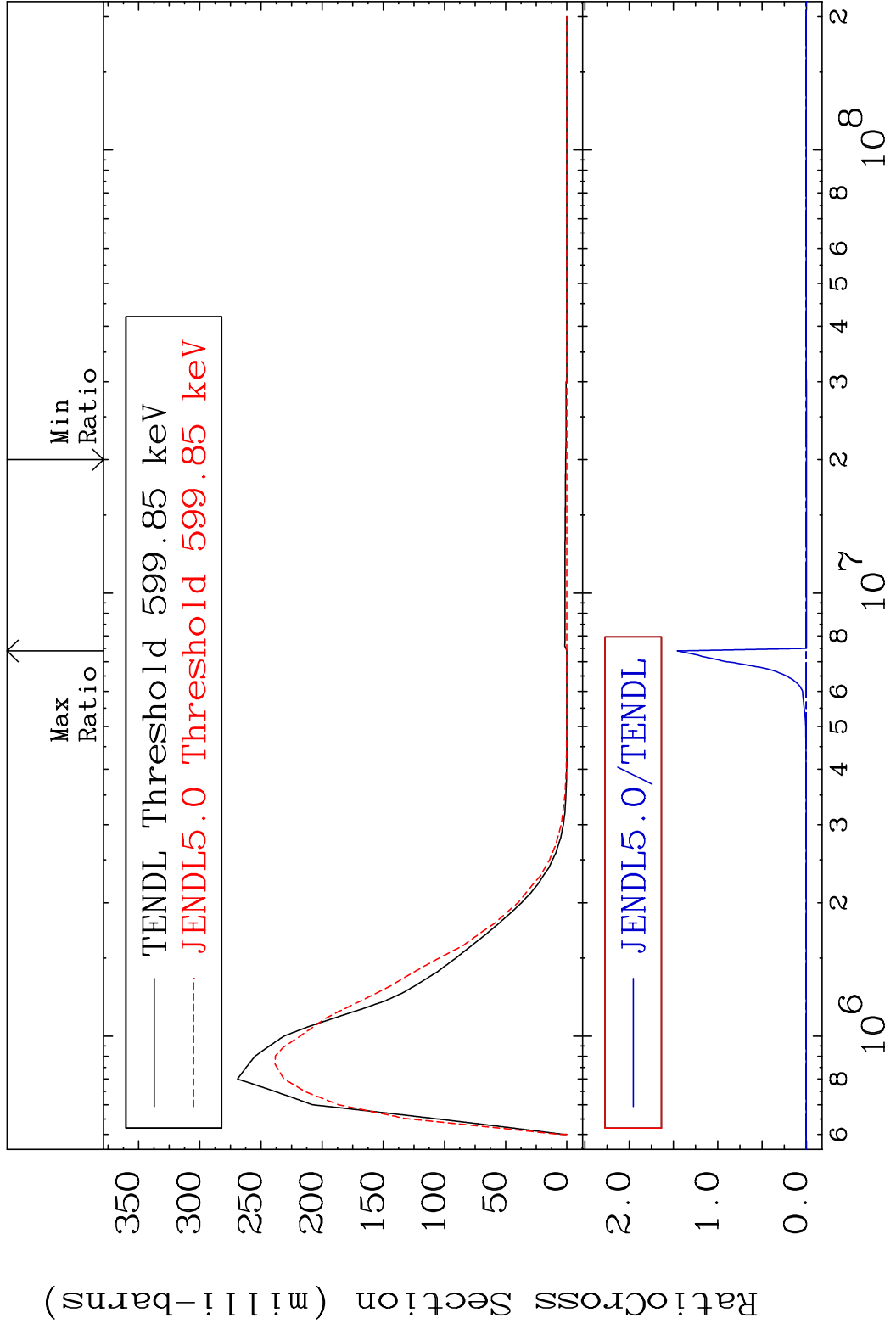
Incident Energy (eV)

94-Pu-240

MAT 9440 MT= 54 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 60.74 %

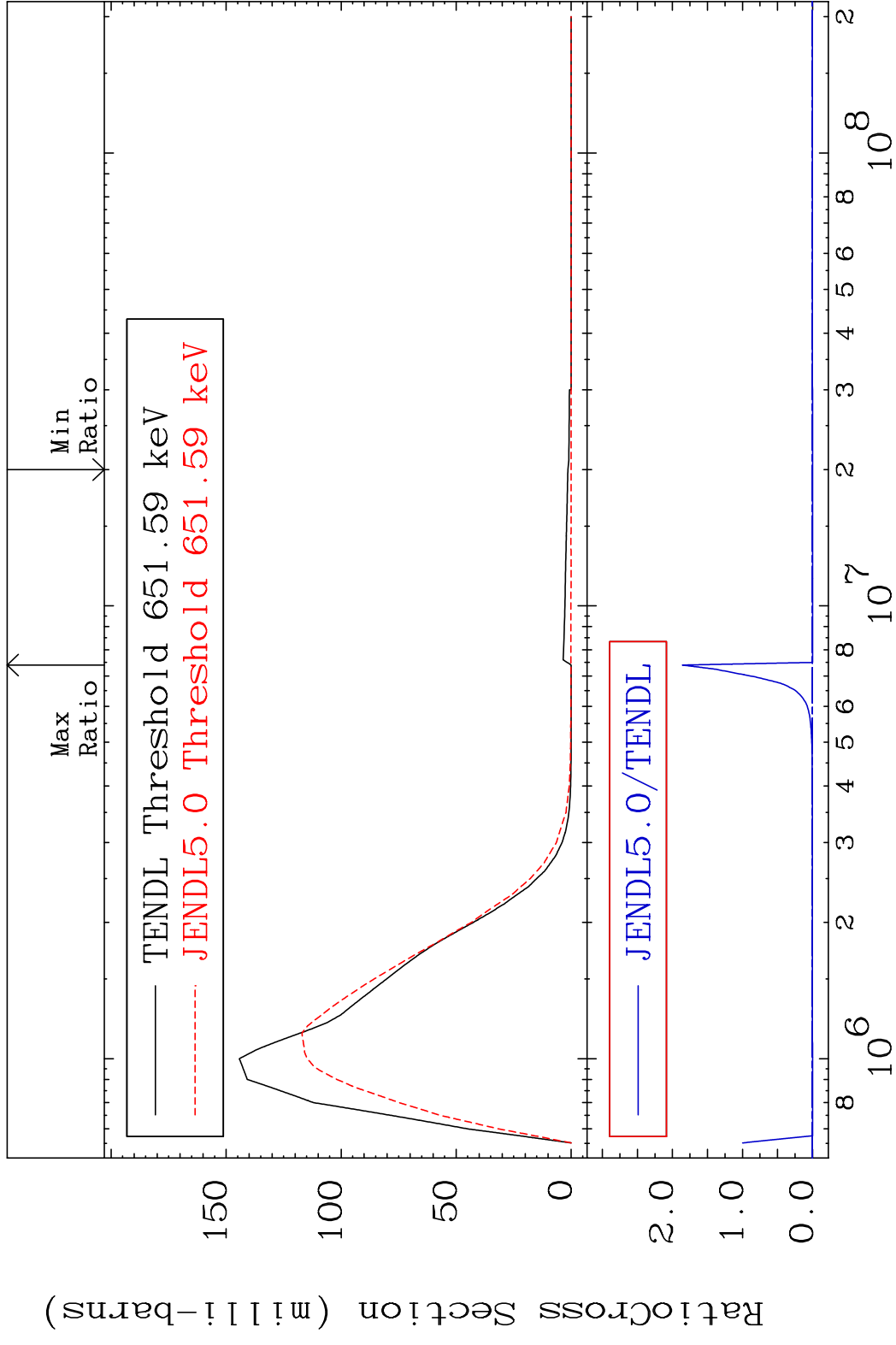


MAT 9440 MT= 55 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

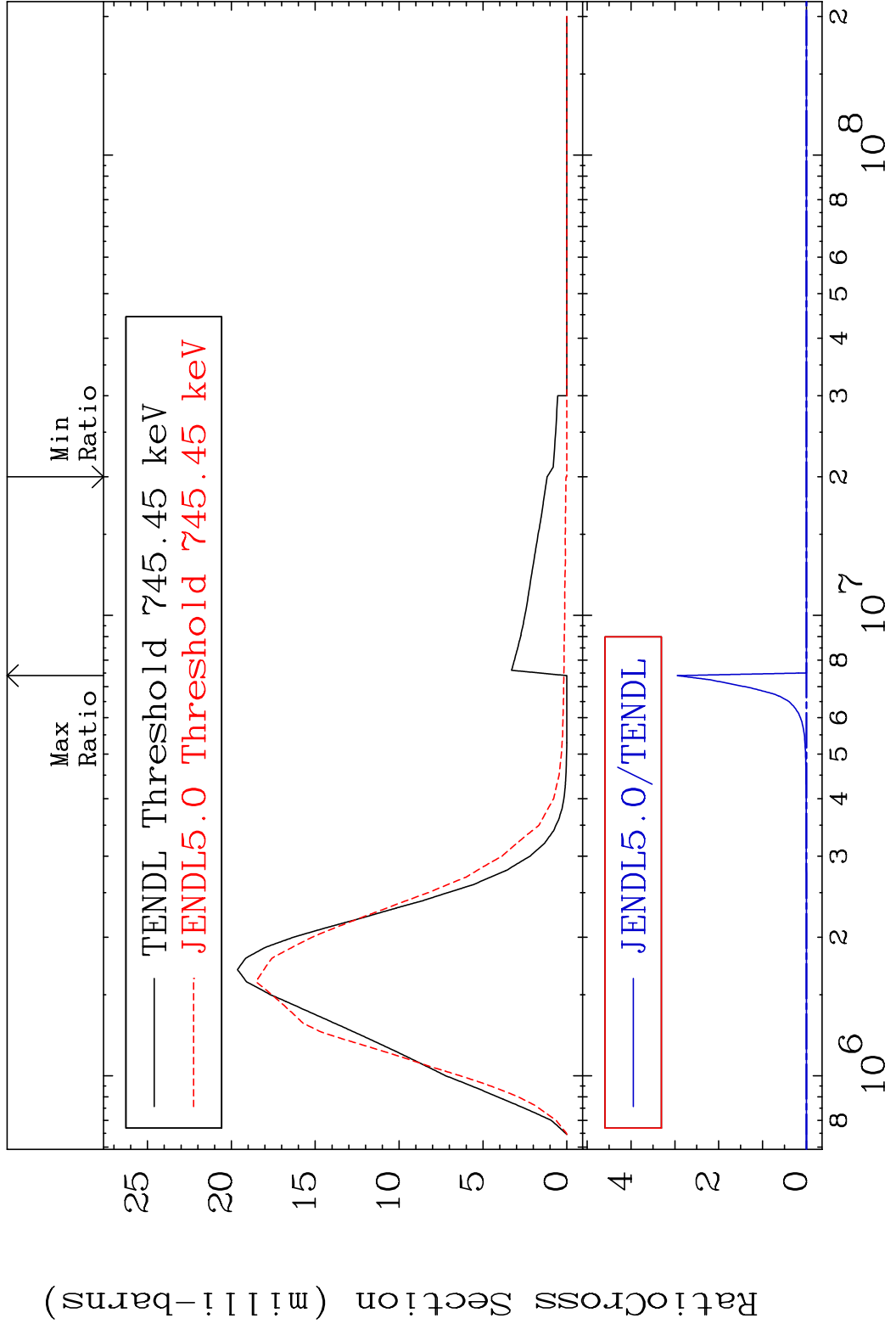


12 Incident Energy (eV) 94-Pu-240

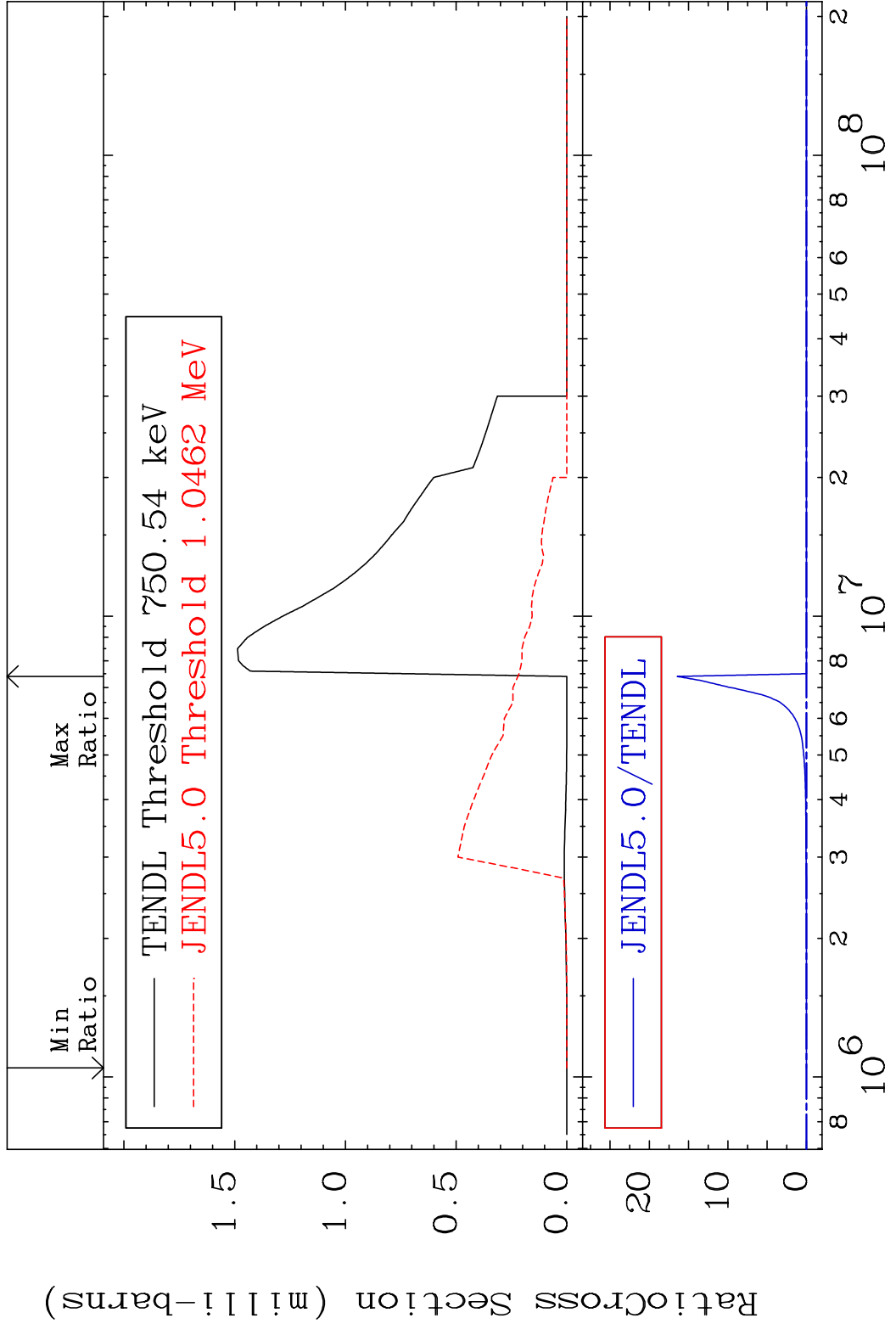
MAT 9440 MT= 56 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 MT= 57 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



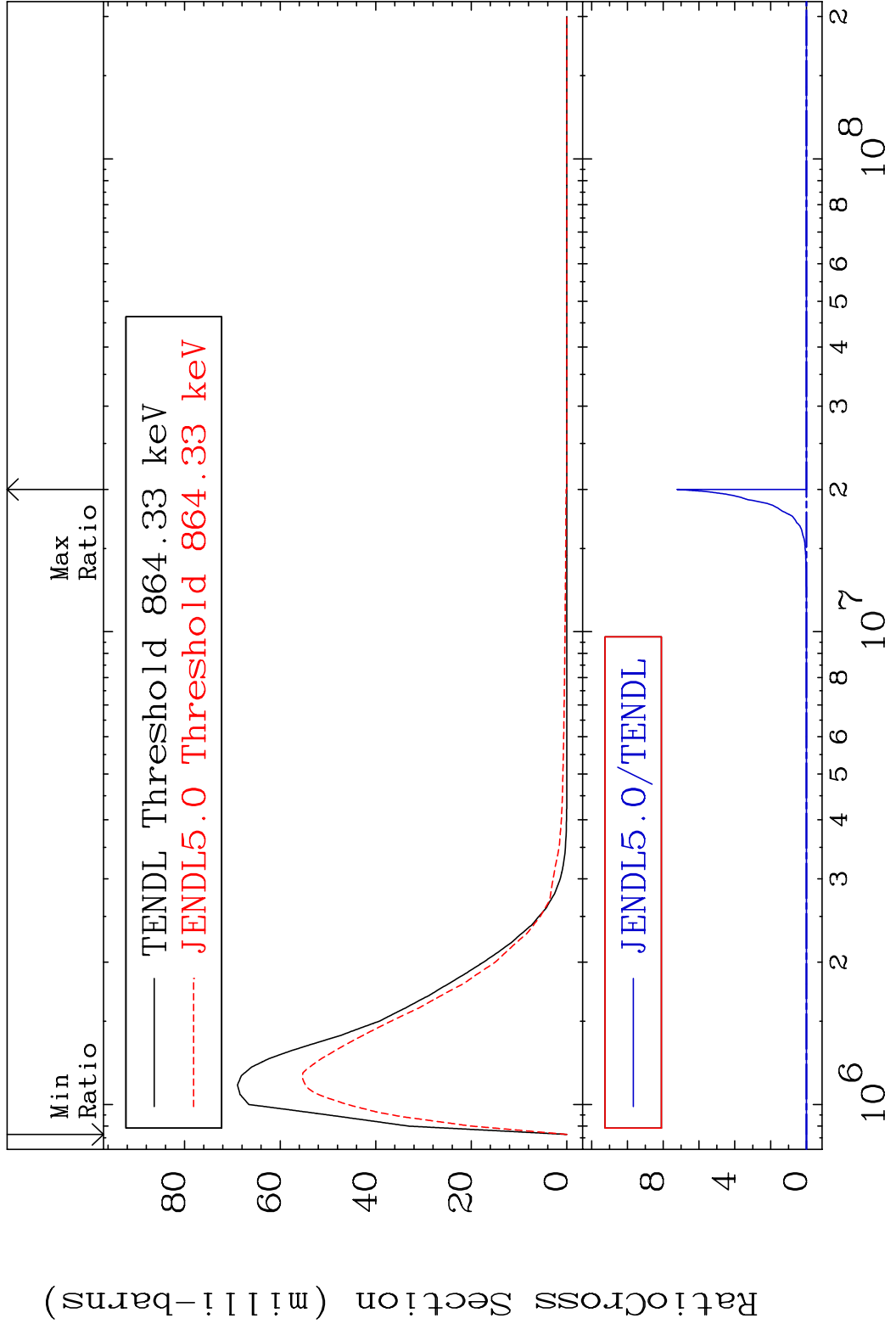
MAT 9440 MT= 58 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



15 Incident Energy (eV) 94-Pu-240

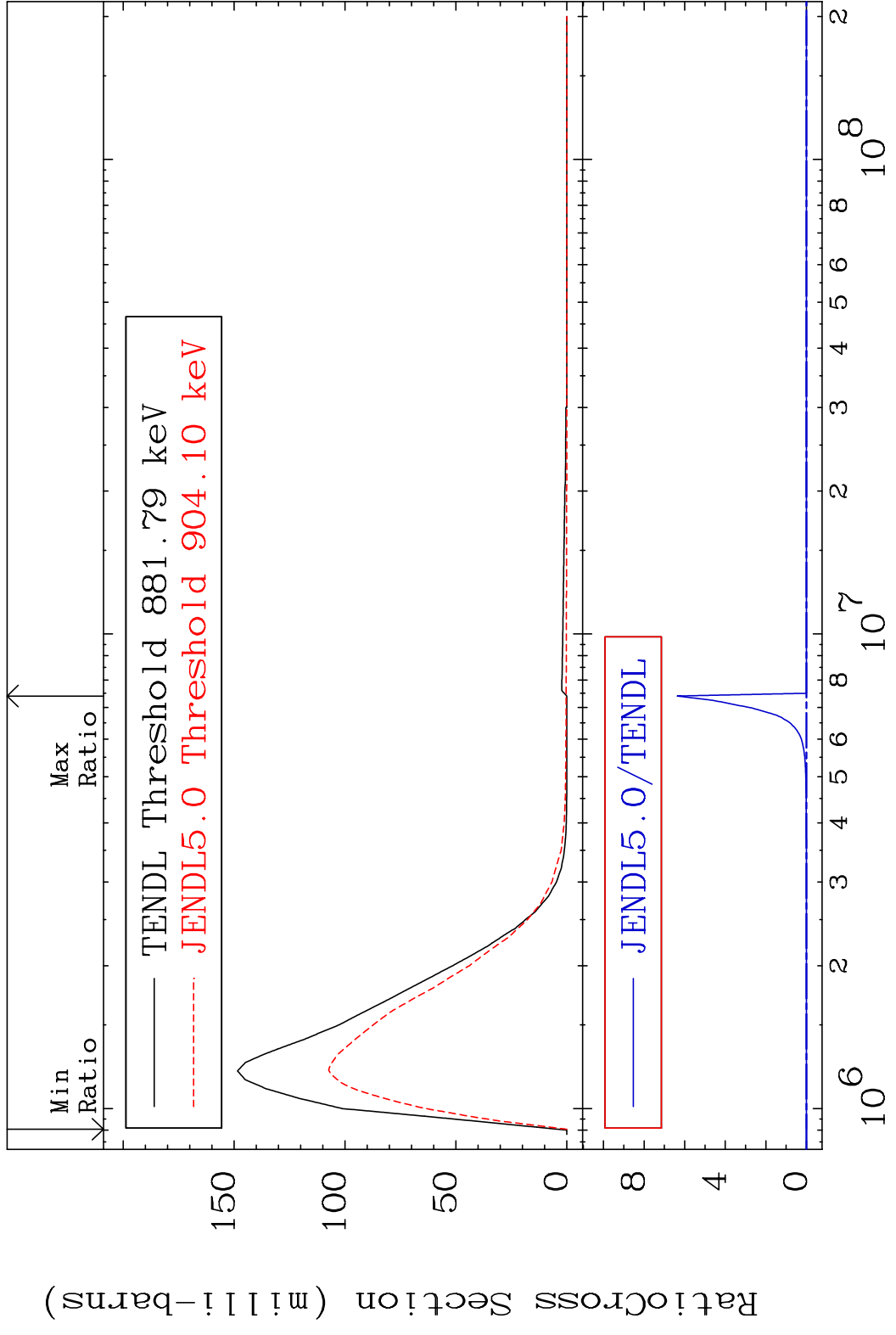


MAT 9440 MT= 59 (n, n') Level 94-Pu-240  
Cross Section -100.0 To 9999. %



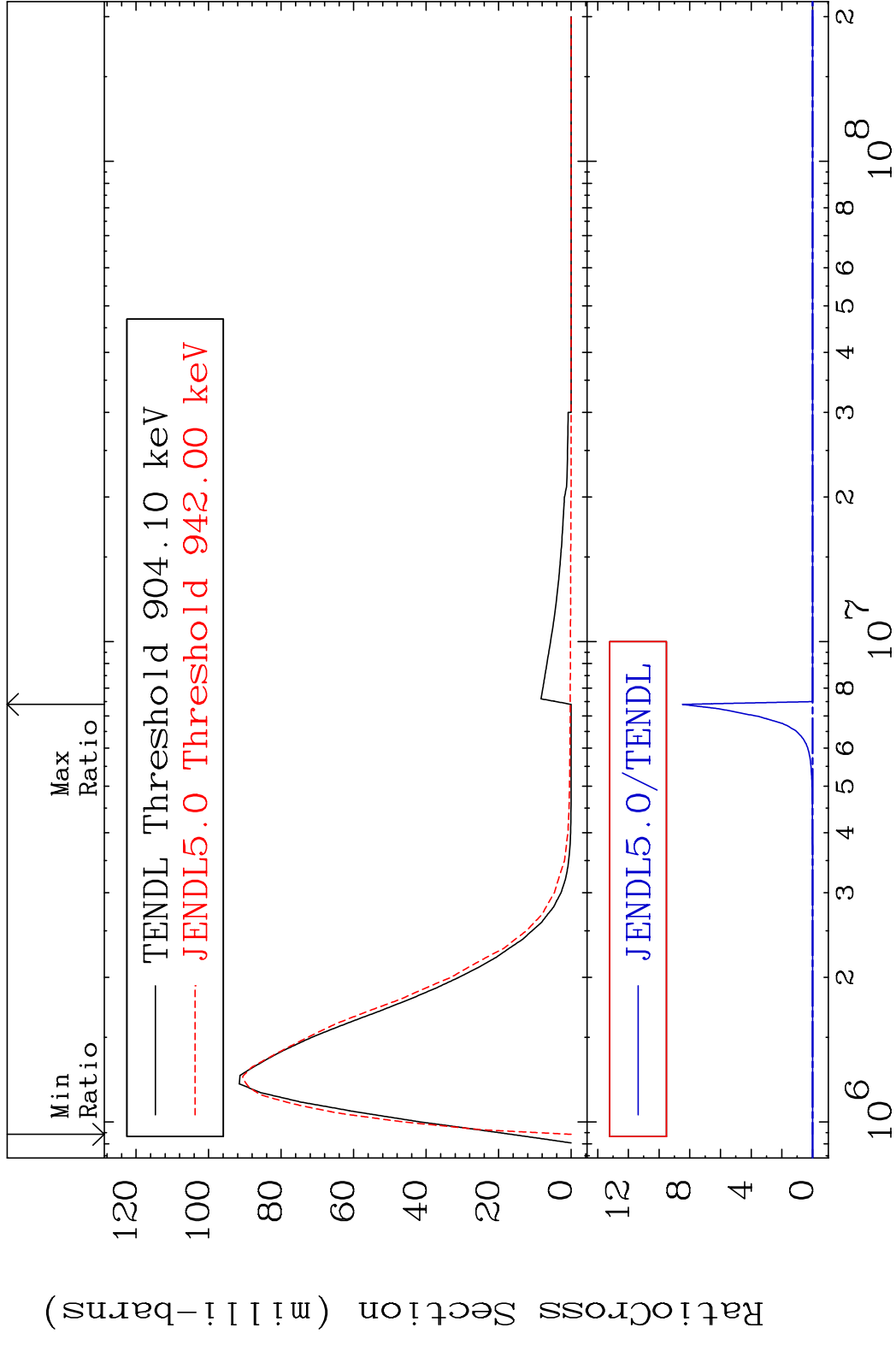
16 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 60 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



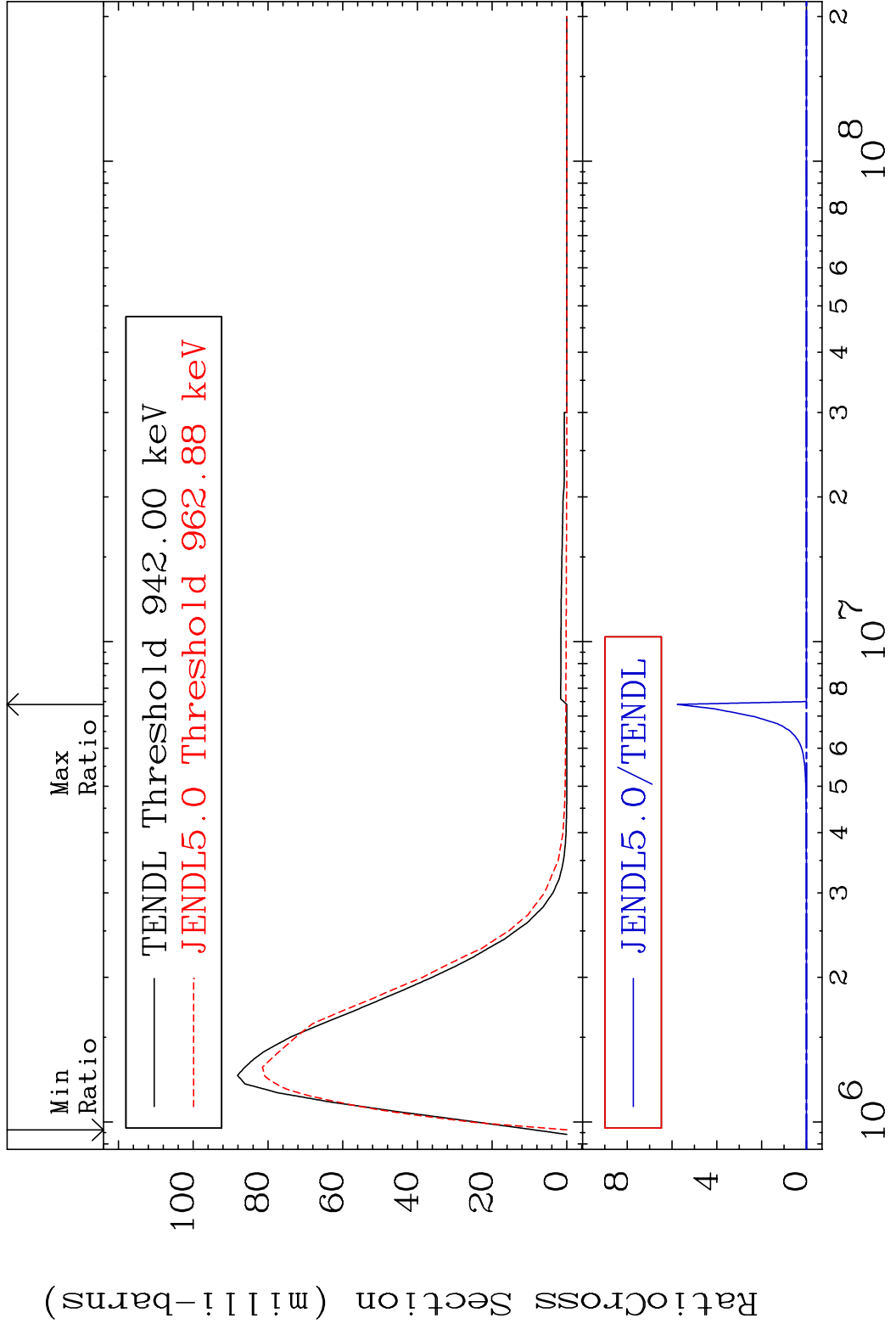
17 94-Pu-240

MAT 9440 MT= 61 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



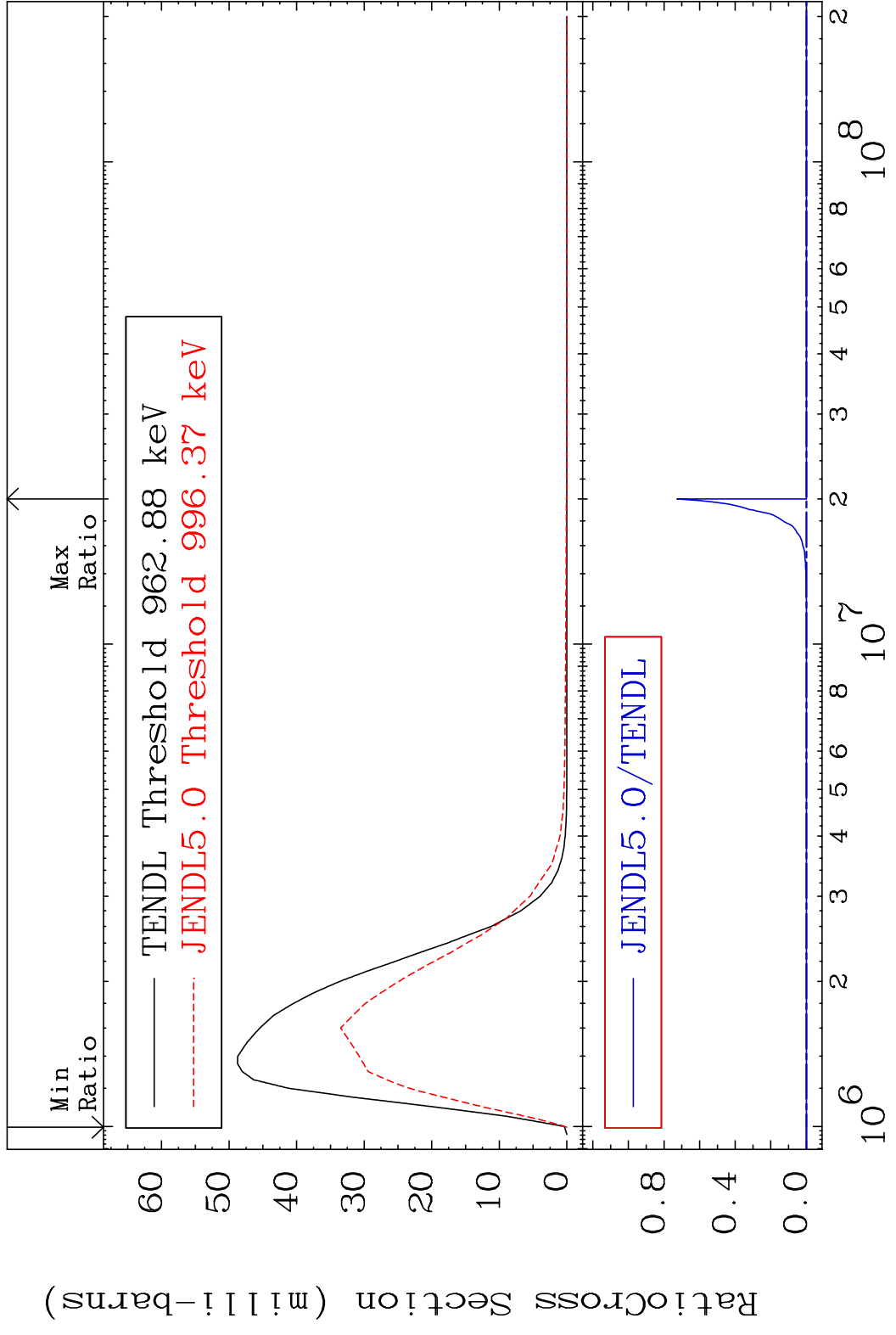
18 94-Pu-240

MAT 9440 MT= 62 (n, n') Level 94-Pu-240  
Cross Section -100.0 To 9999. %

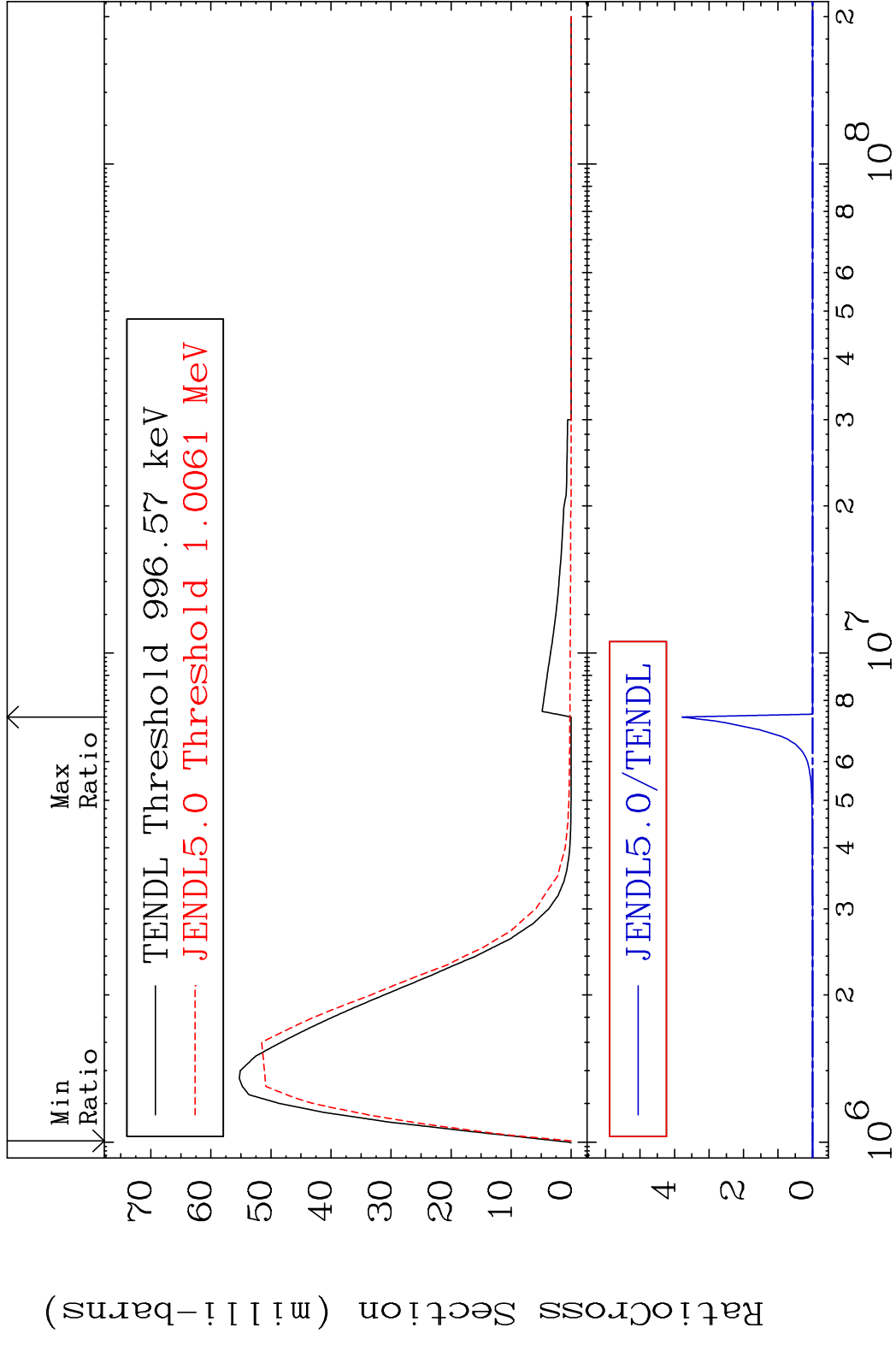


19 Incident Energy (eV) 94-Pu-240

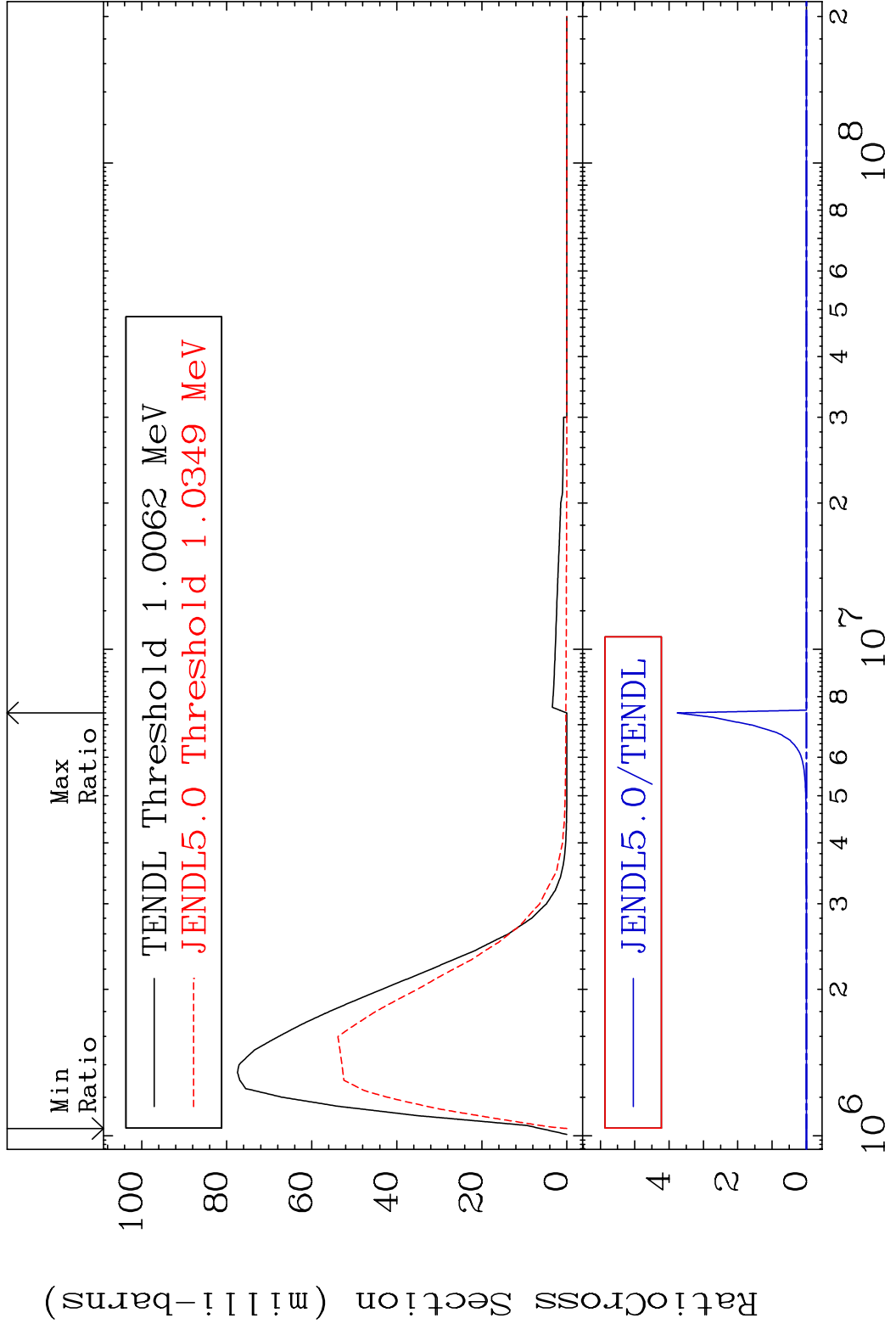
MAT 9440 MT= 63 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 MT= 64 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

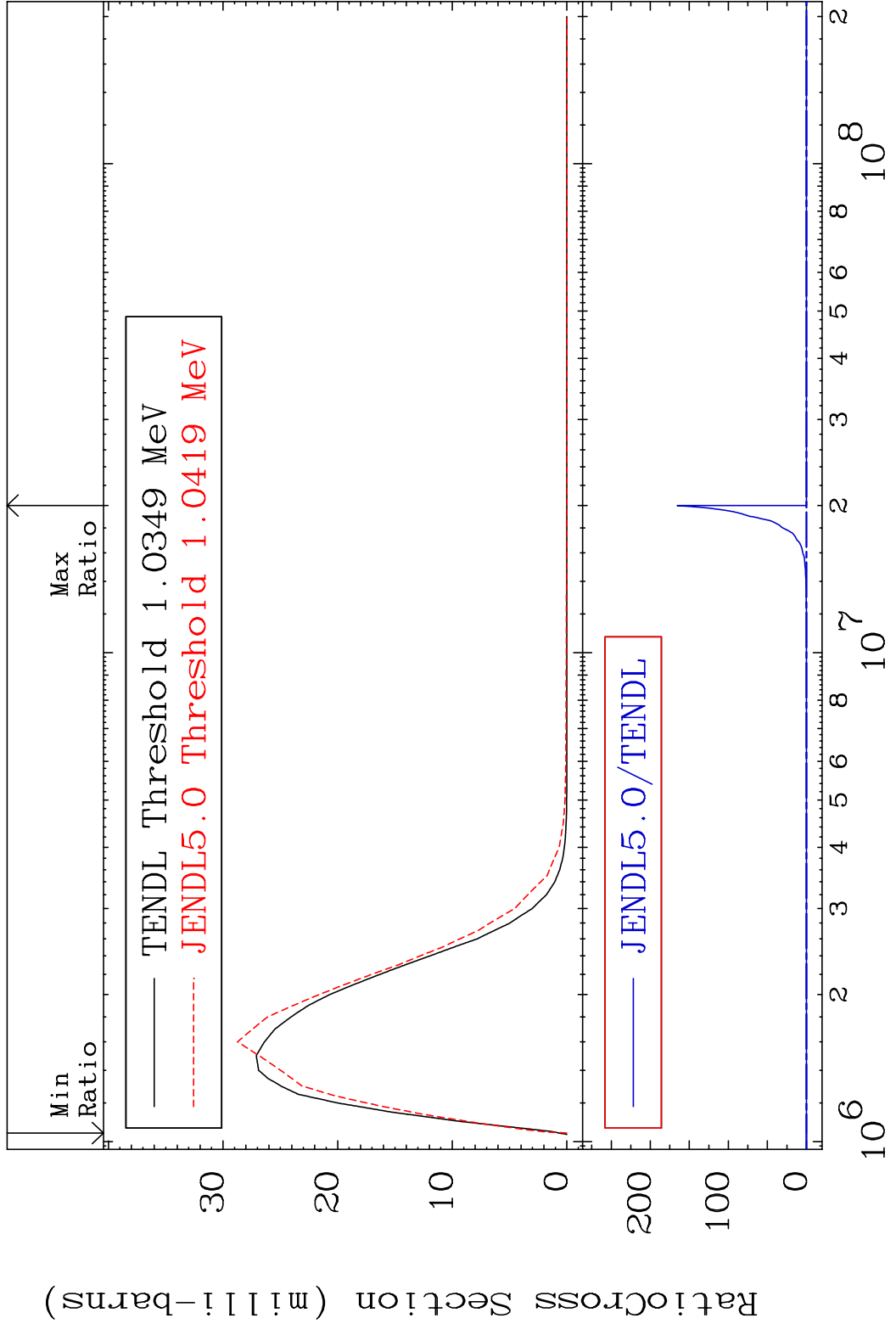


MAT 9440 MT= 65 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



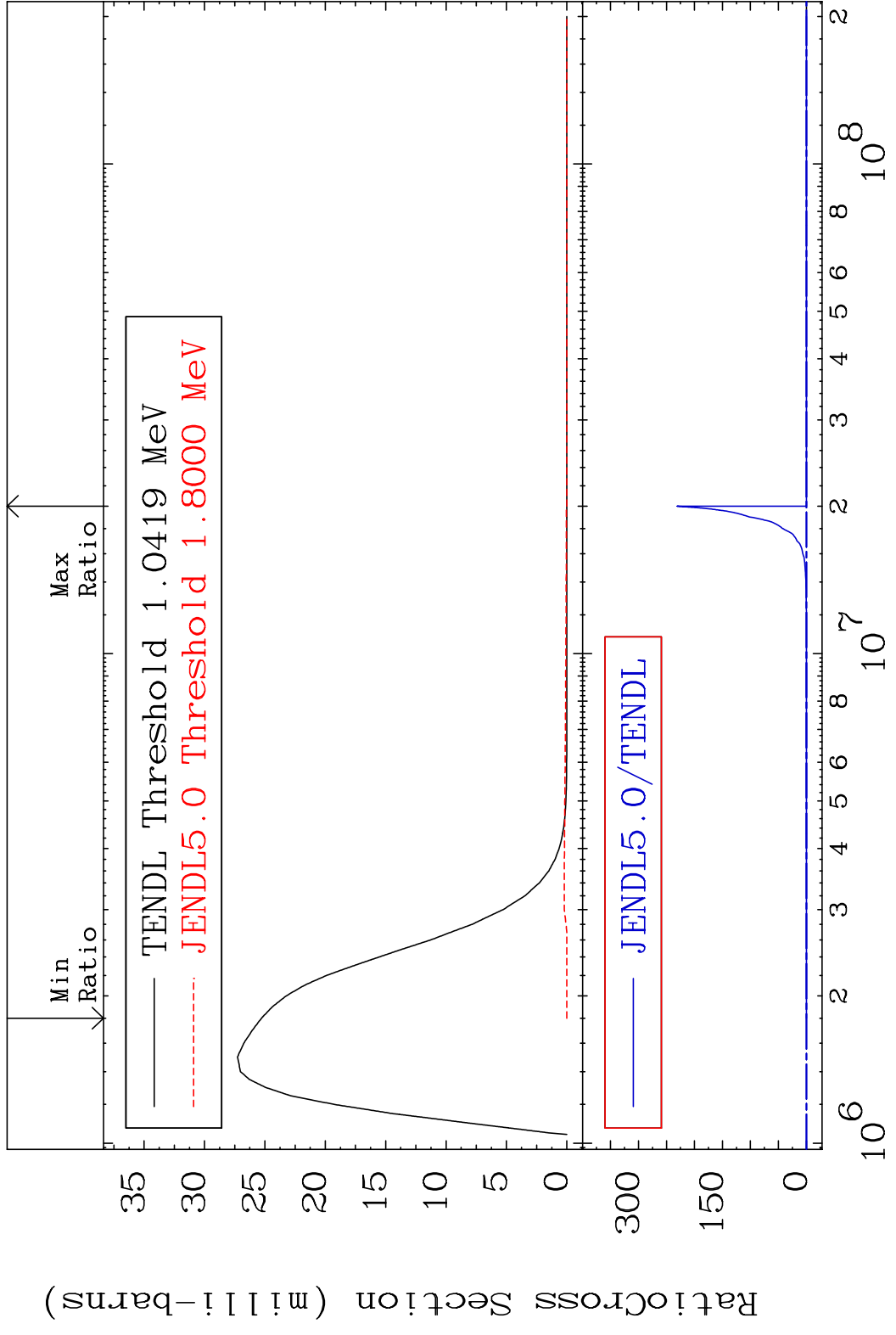
22 94-Pu-240

MAT 9440 MT= 66 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



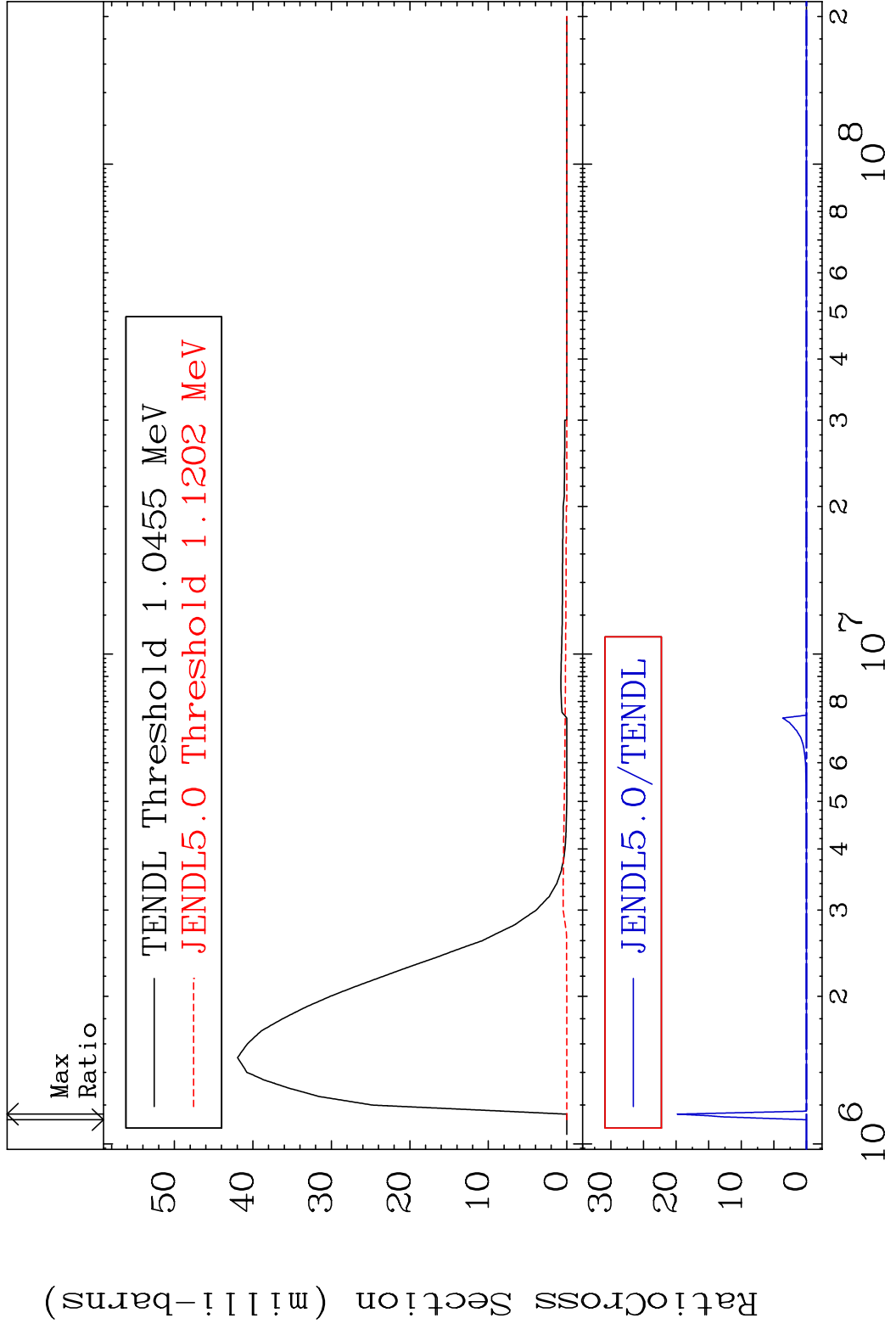


MAT 9440 MT= 67 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



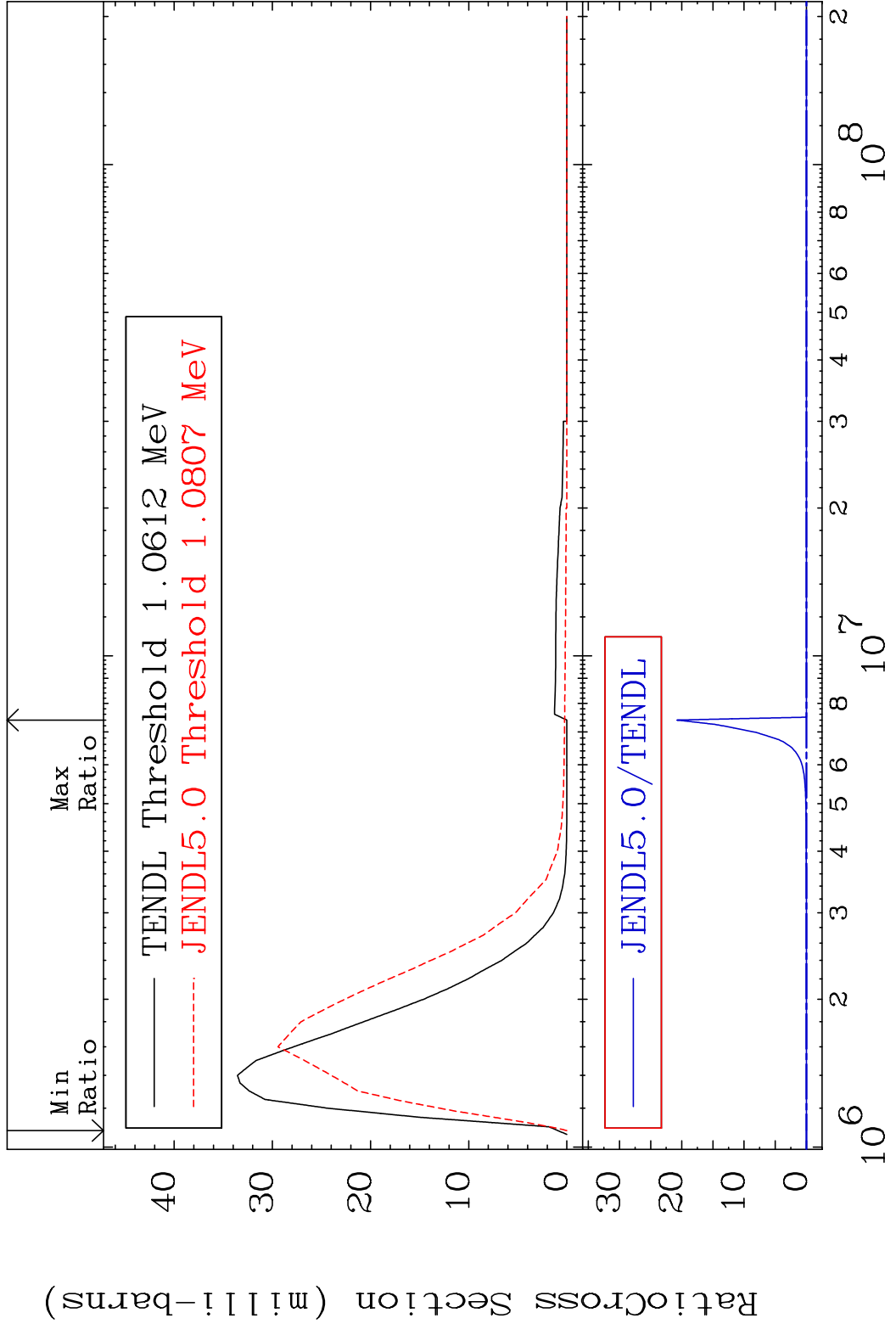
24 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 68 (n,n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



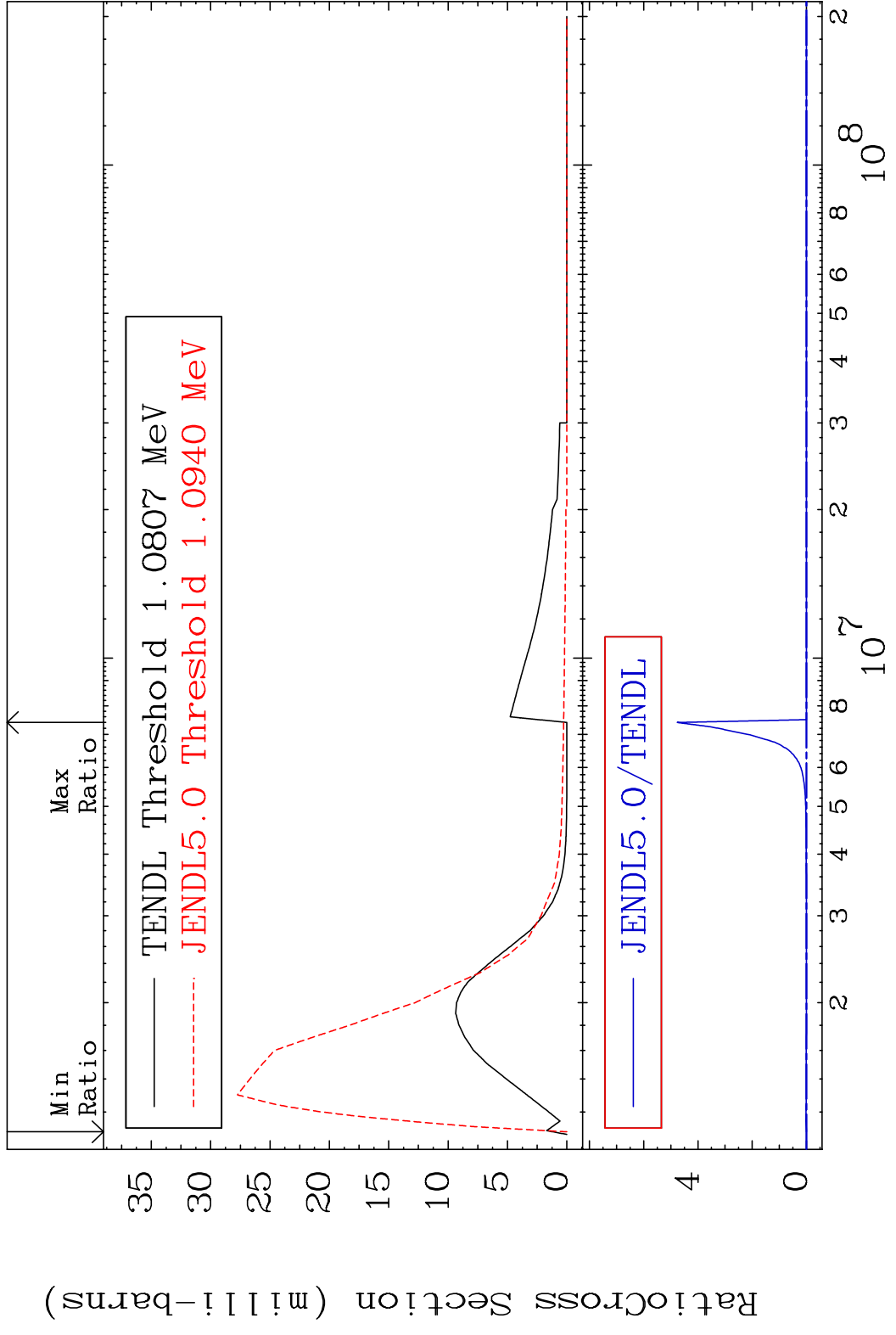
25 94-Pu-240

MAT 9440 MT= 69 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

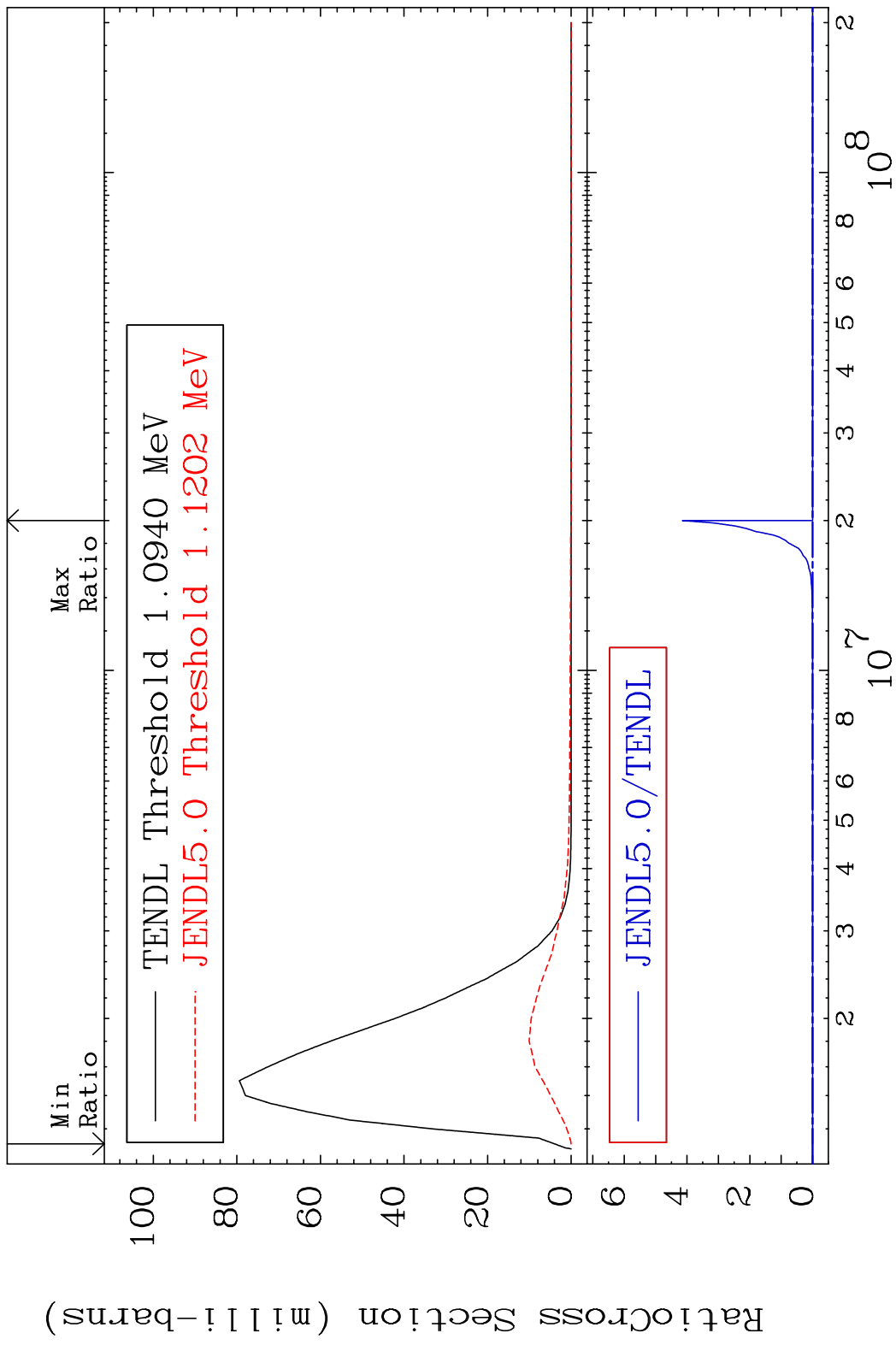


26 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 70 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

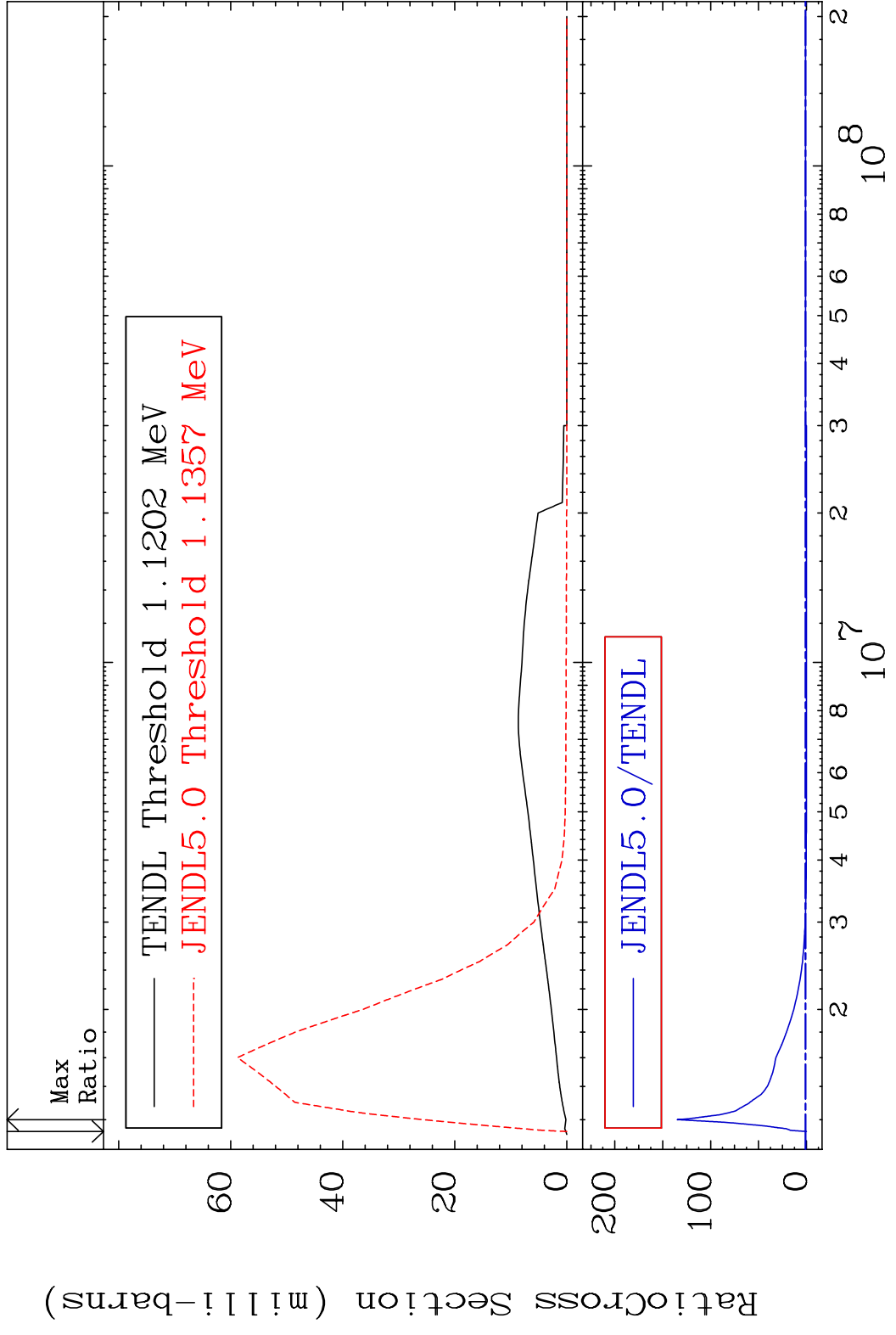


MAT 9440 MT= 71 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

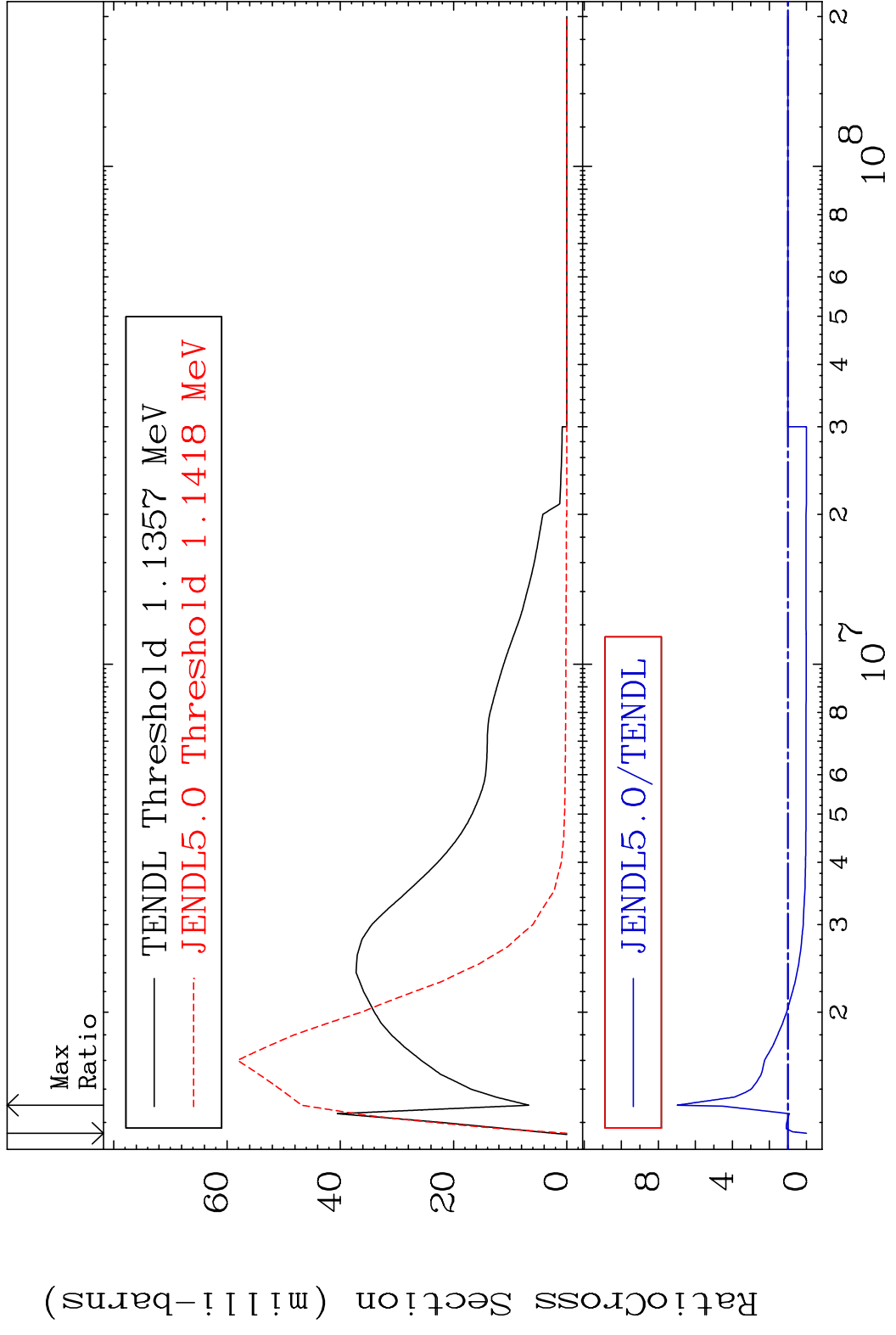


28 Incident Energy (eV) 94-Pu-240

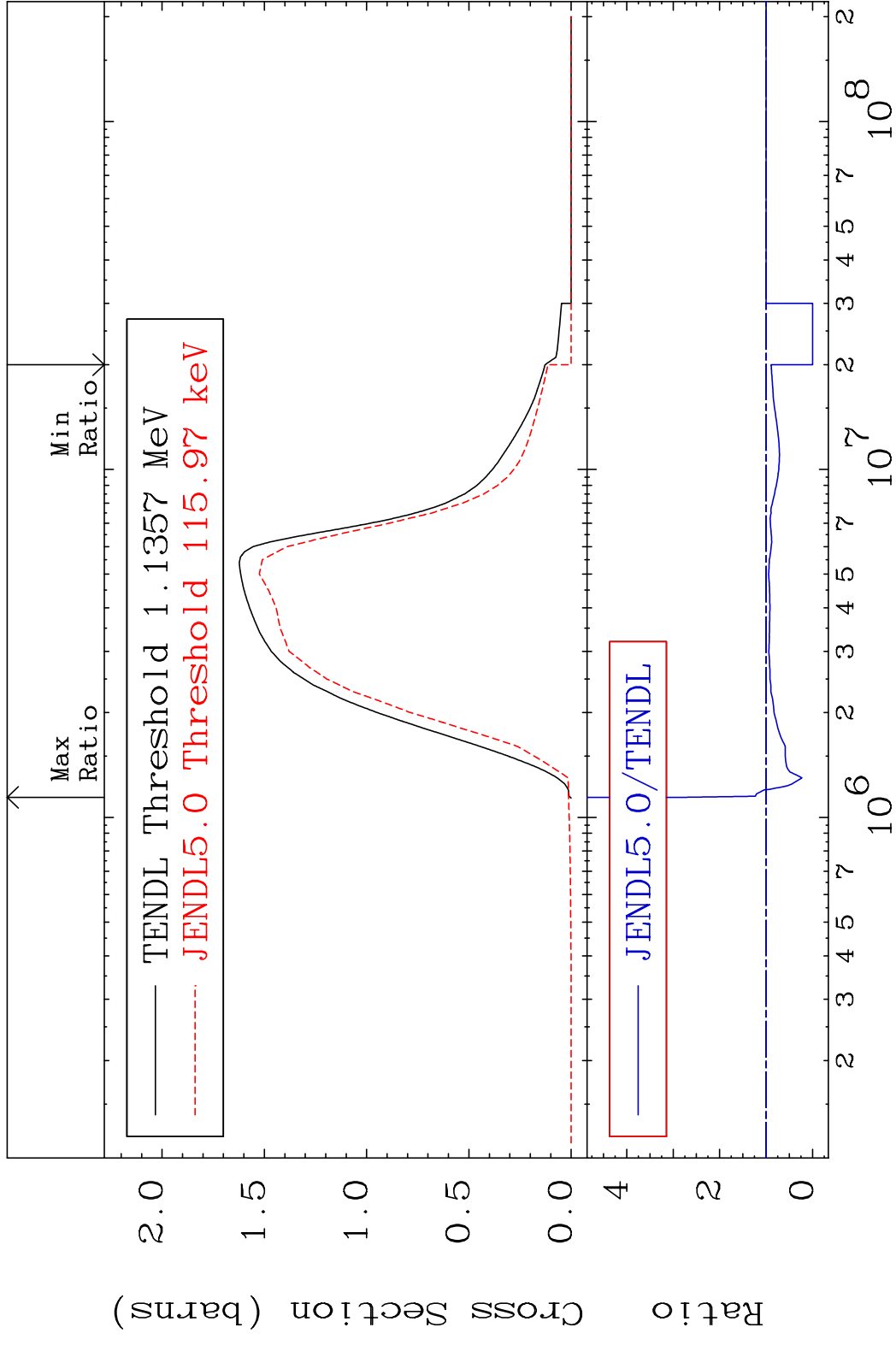
MAT 9440 MT= 72 (n,n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 MT= 73 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 598.2 %



MAT 9440 (n, n') Continuum 94-Pu-240  
 Cross Section -100.0 To 180.2 %



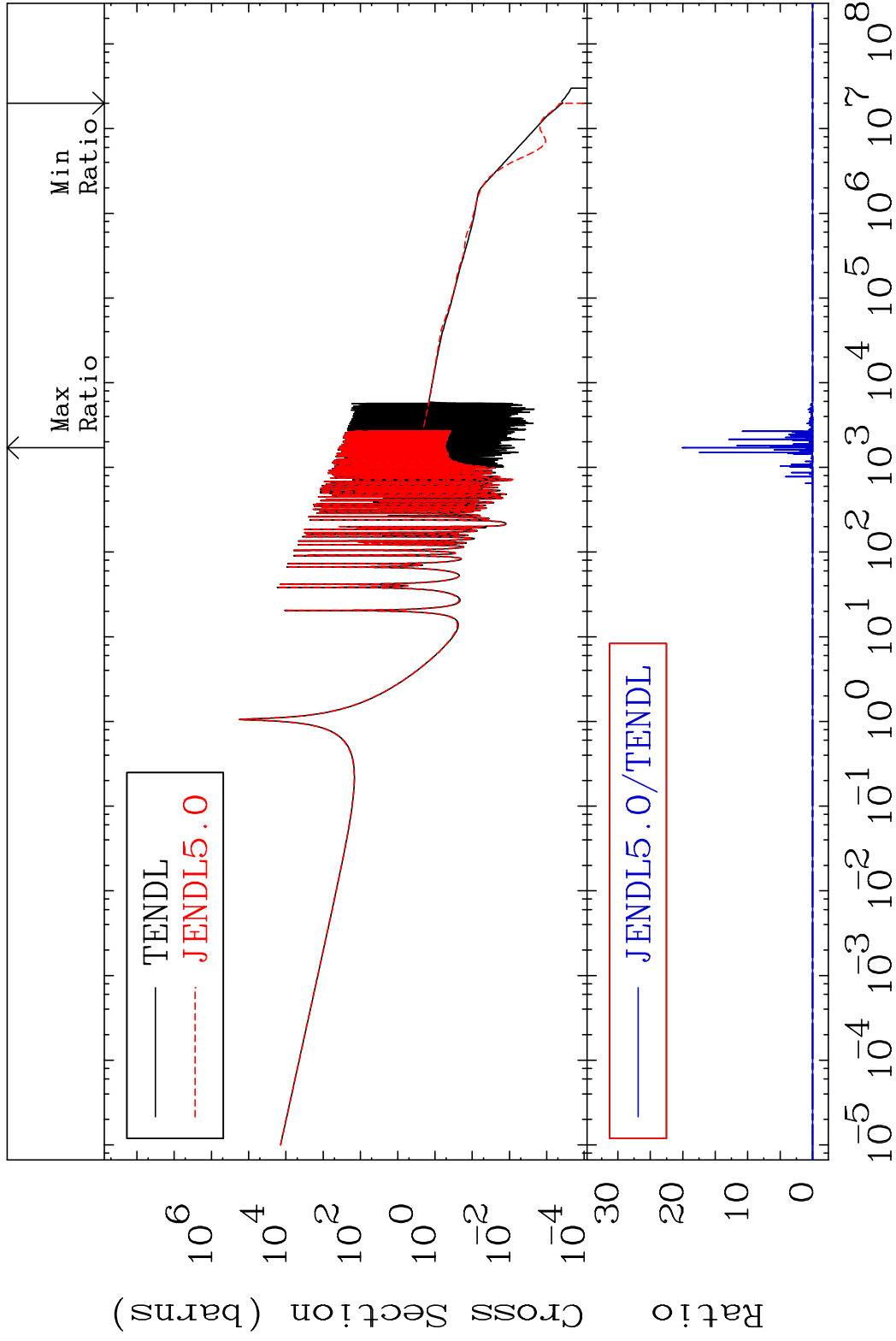


MAT 9440

(n,  $\gamma$ )

94-Pu-240

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

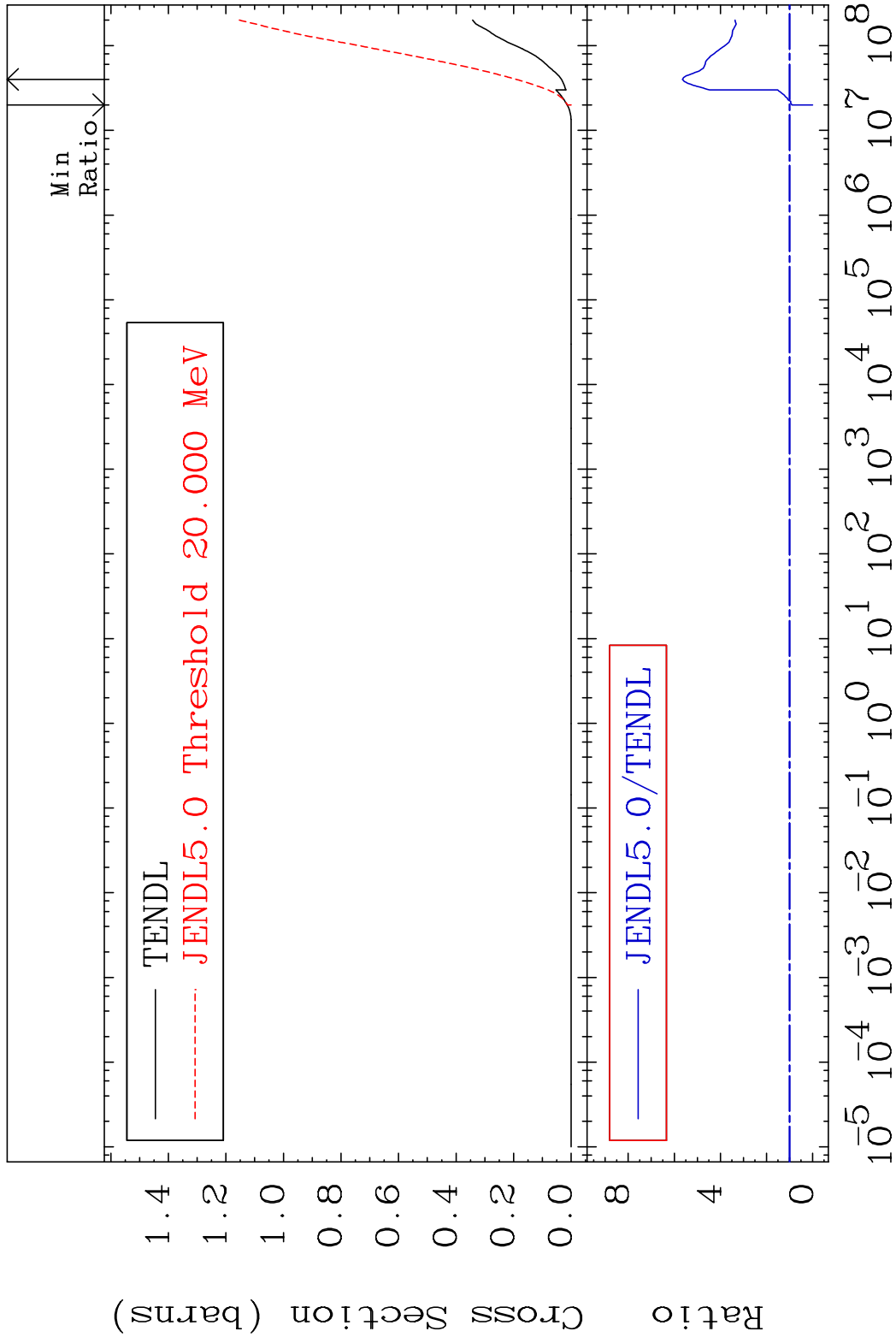
94-Pu-240

MAT 9440

Hydrogen Production

94-Pu-240

Cross Section -100.0 To 465.1 %

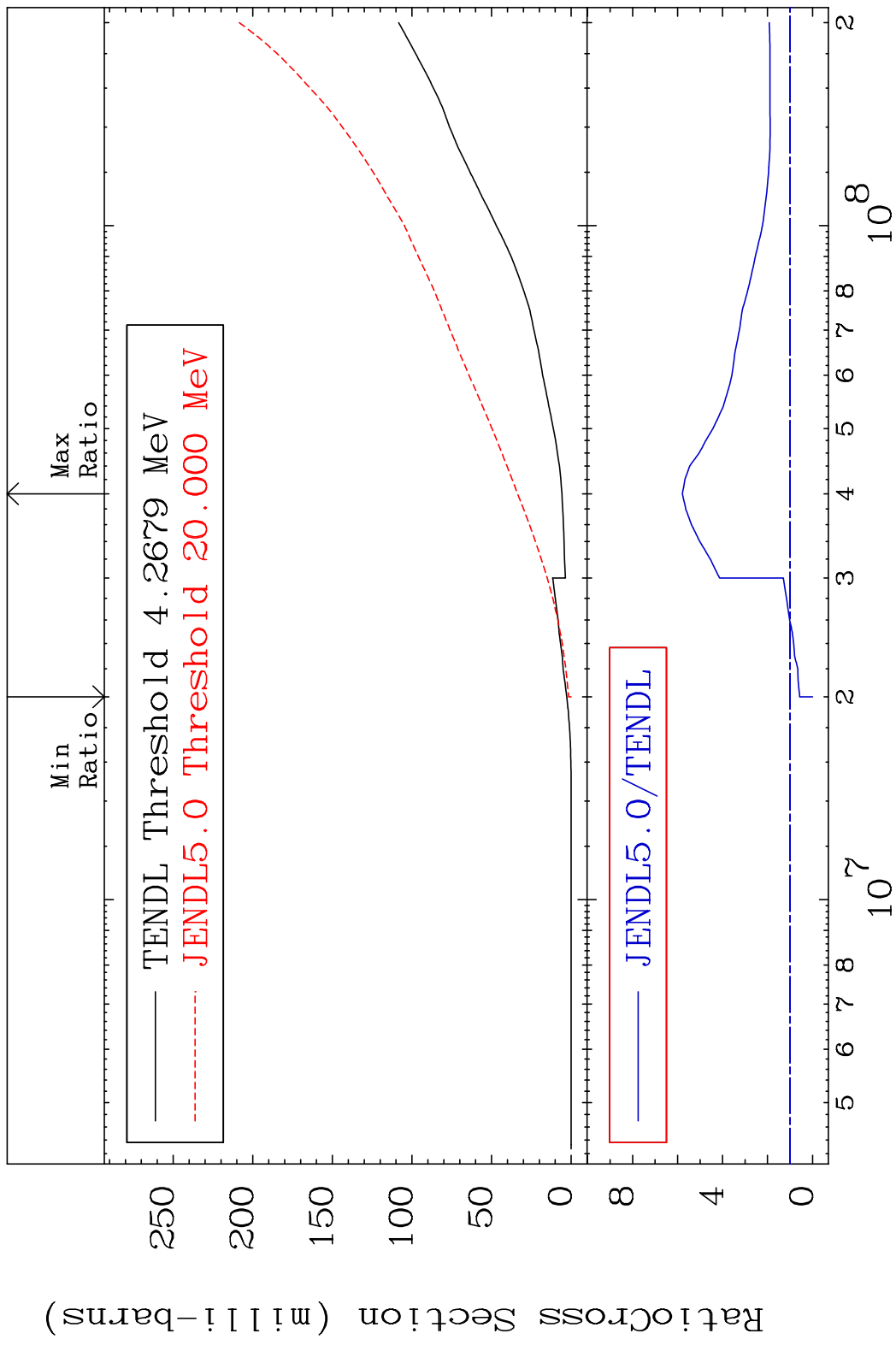


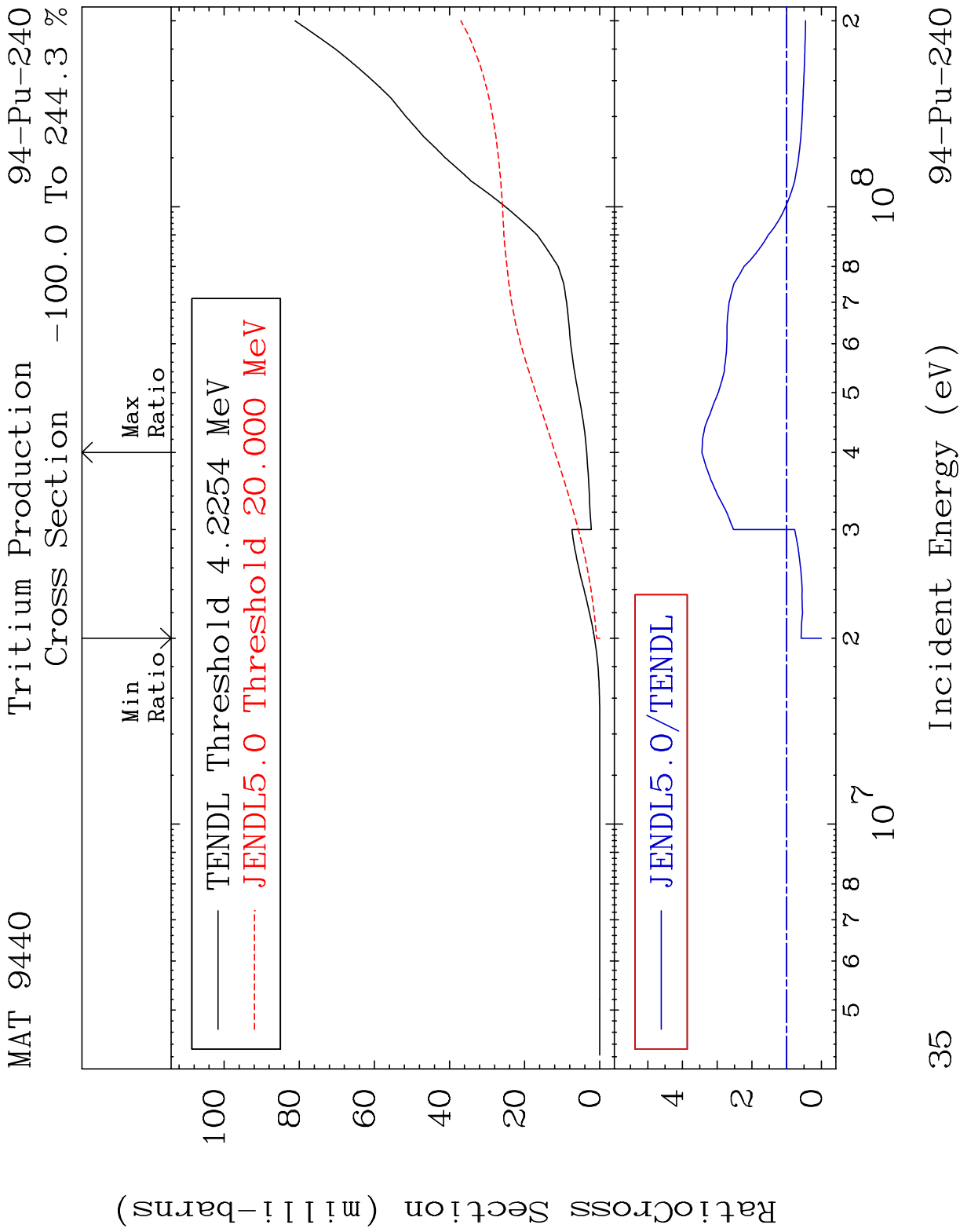
33

Incident Energy (eV)

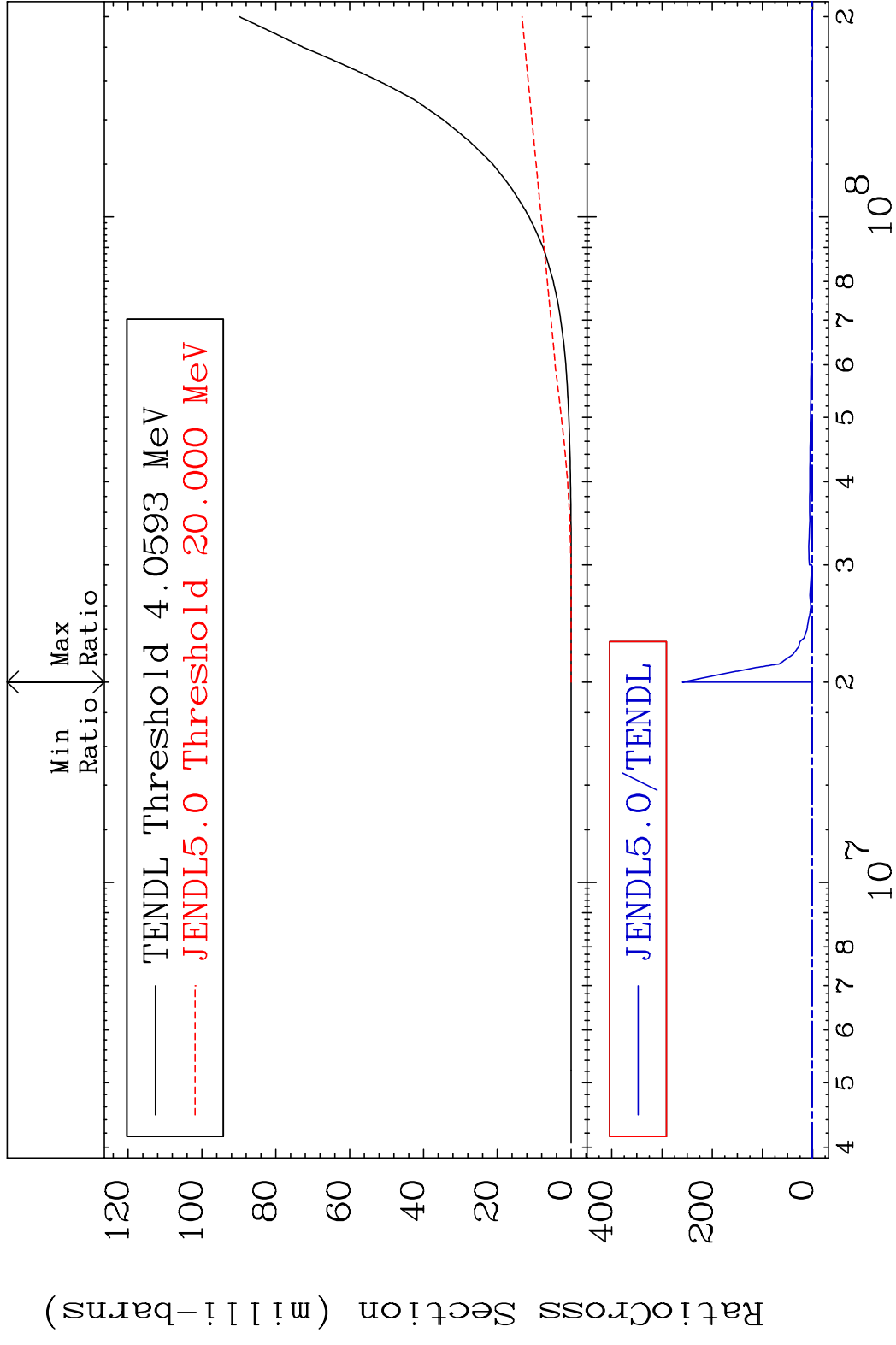
94-Pu-240

MAT 9440 Deuterium Production 94-Pu-240  
 Cross Section -100.0 To 478.8 %





MAT 9440 He-3 Production 94-Pu-240  
 Cross Section -100.0 To 9999. %

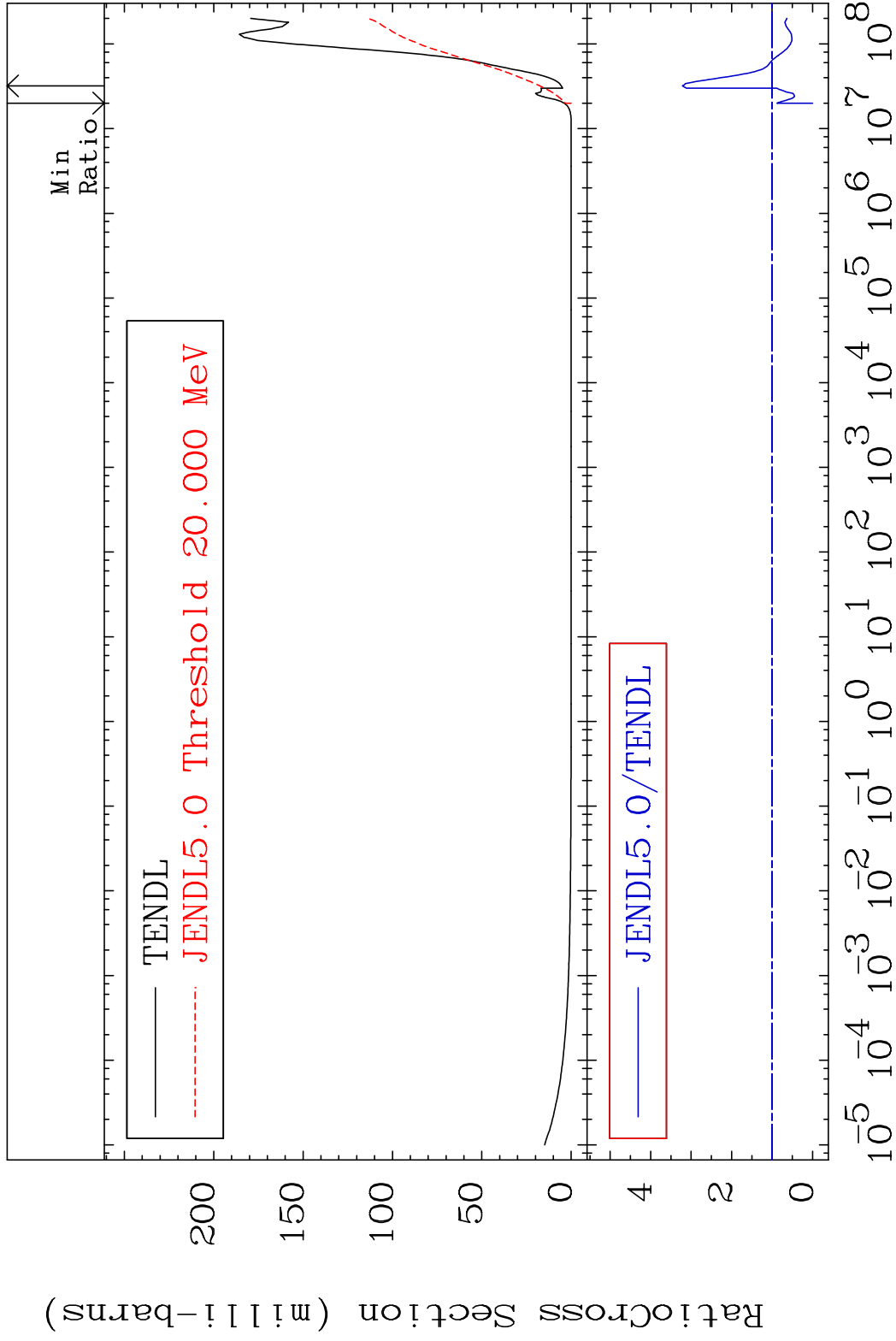


MAT 9440

He-4 Production

94-Pu-240

Cross Section -100.0 To 221.7 %

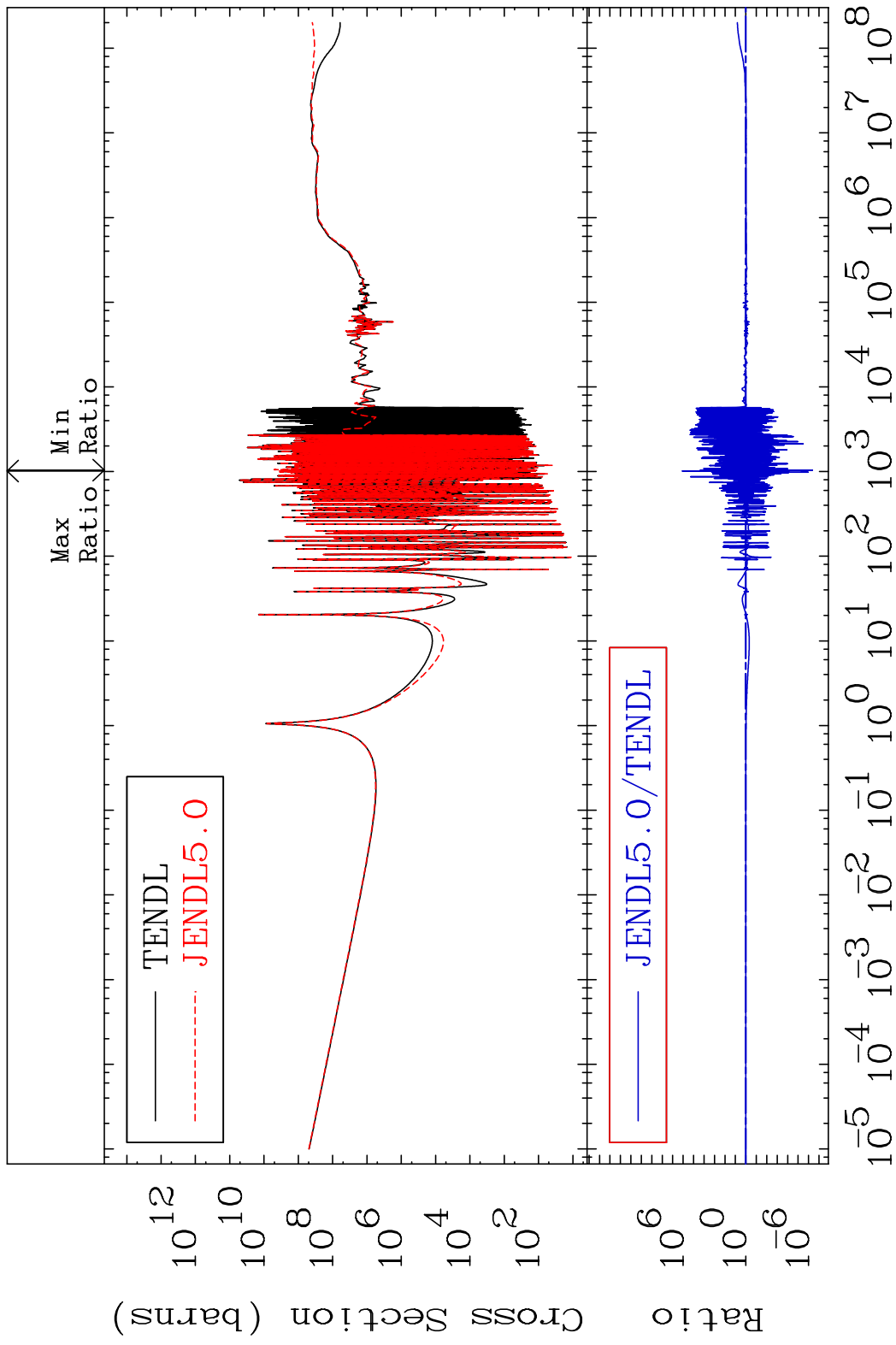


37

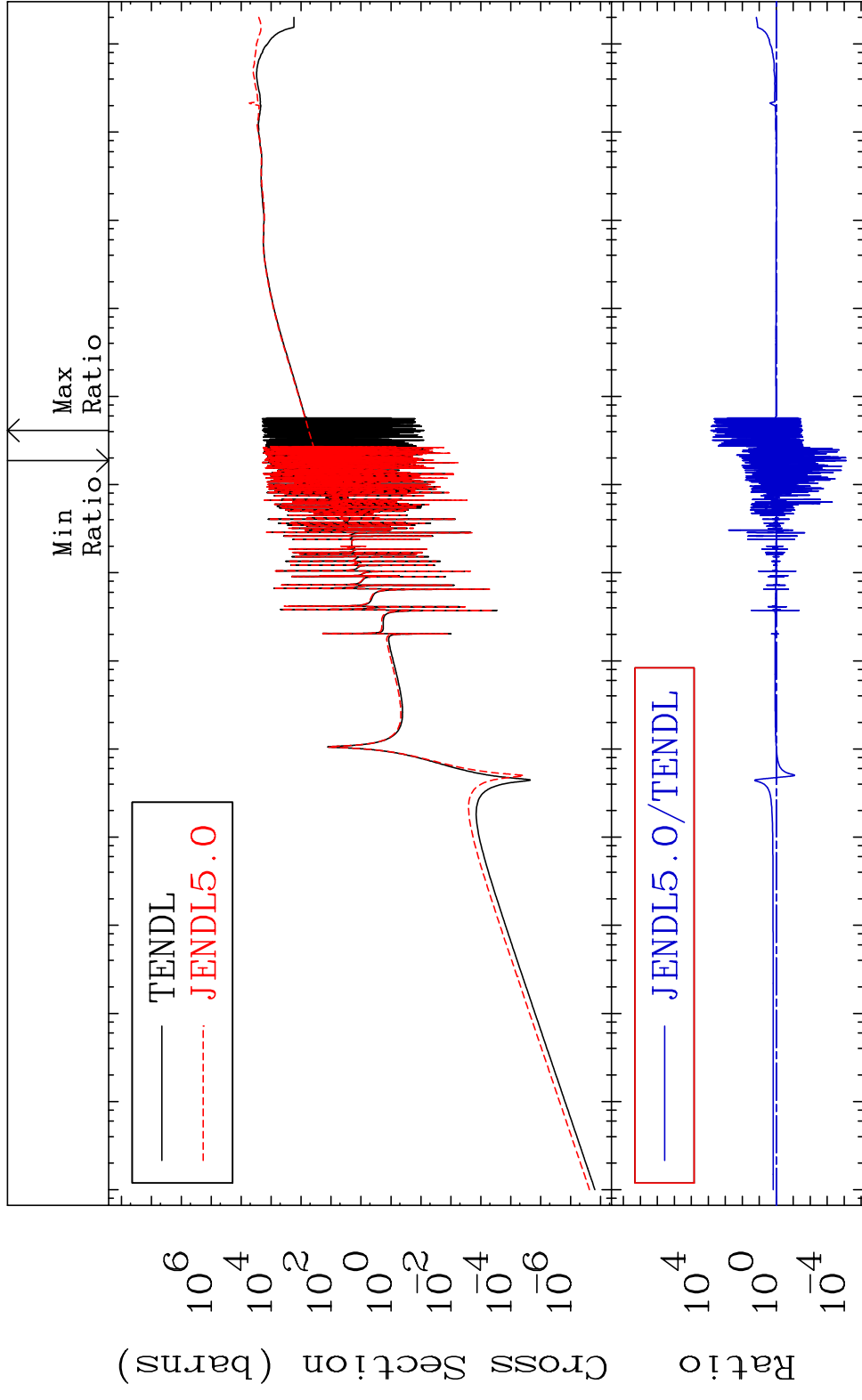
Incident Energy (eV)

94-Pu-240

MAT 9440 Kerma total (eV-barns) 94-Pu-240  
 Cross Section -100.0 To 9999. %

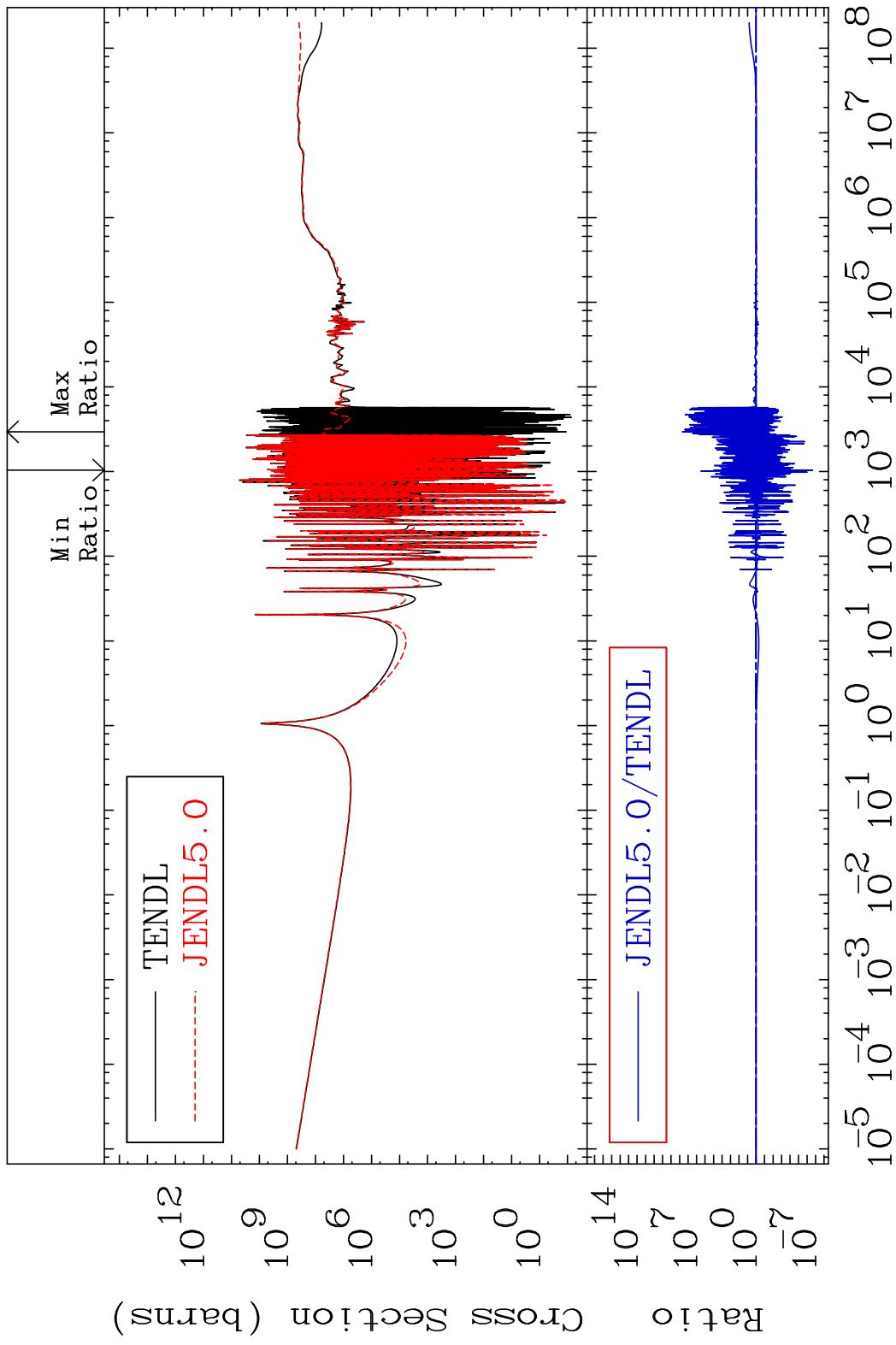


MAT 9440 Kerma elastic Cross Section -99.99 To 9999. % 94-Pu-240



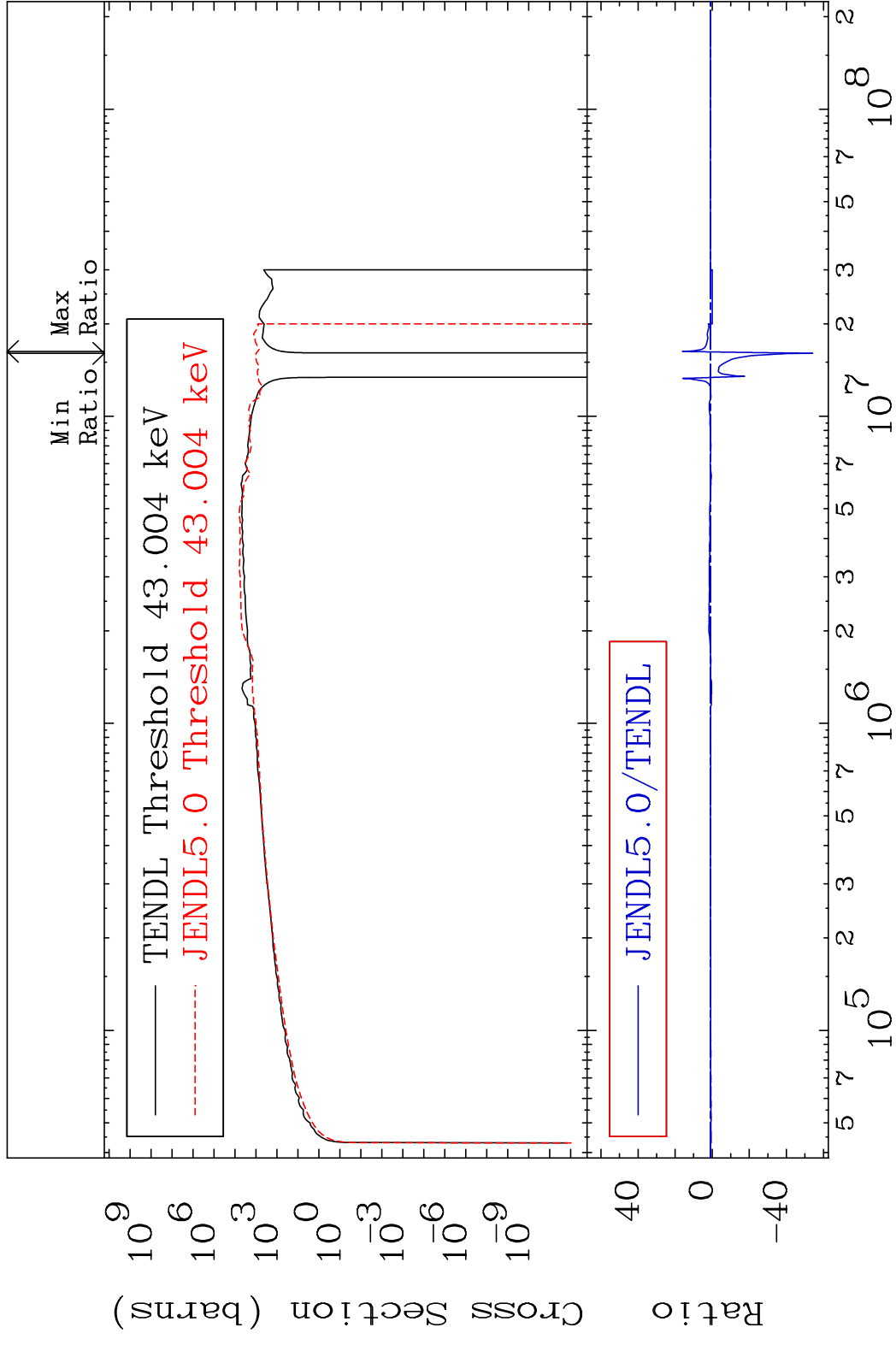


MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240  
Cross Section -100.0 To 9999. %

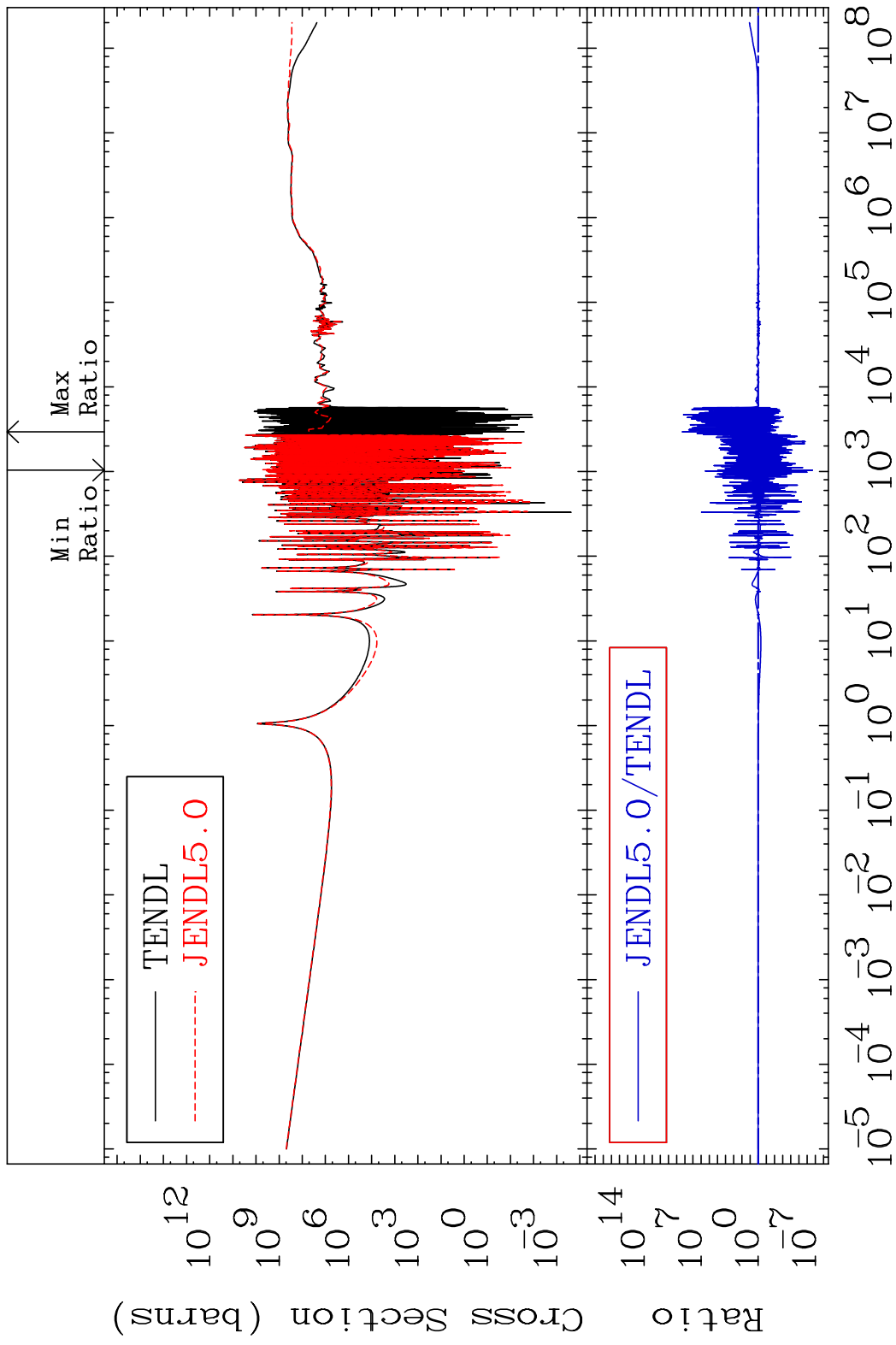


40 Incident Energy (eV) 94-Pu-240

MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240  
 Cross Section -5512. To 1510. %

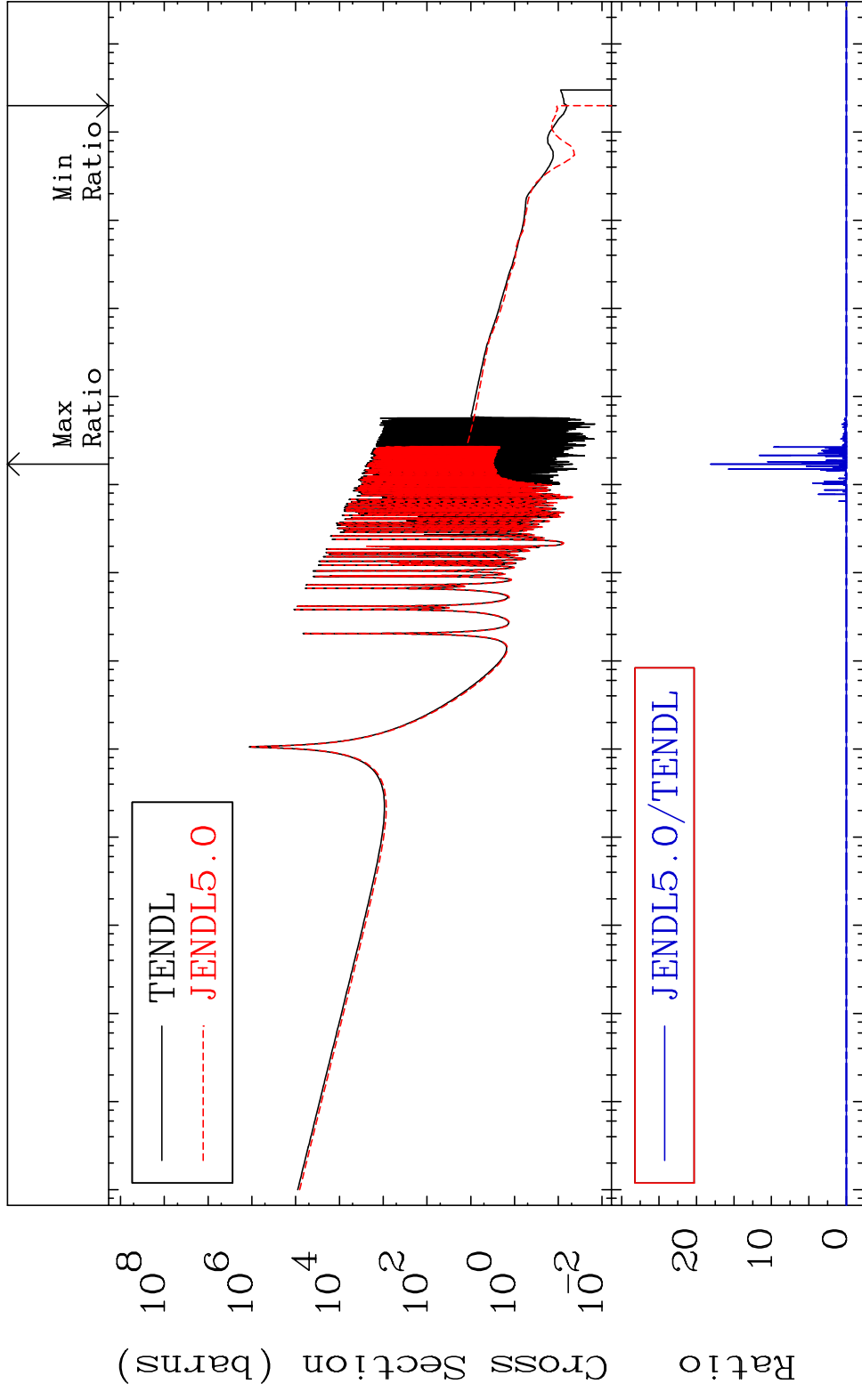


MAT 9440 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440

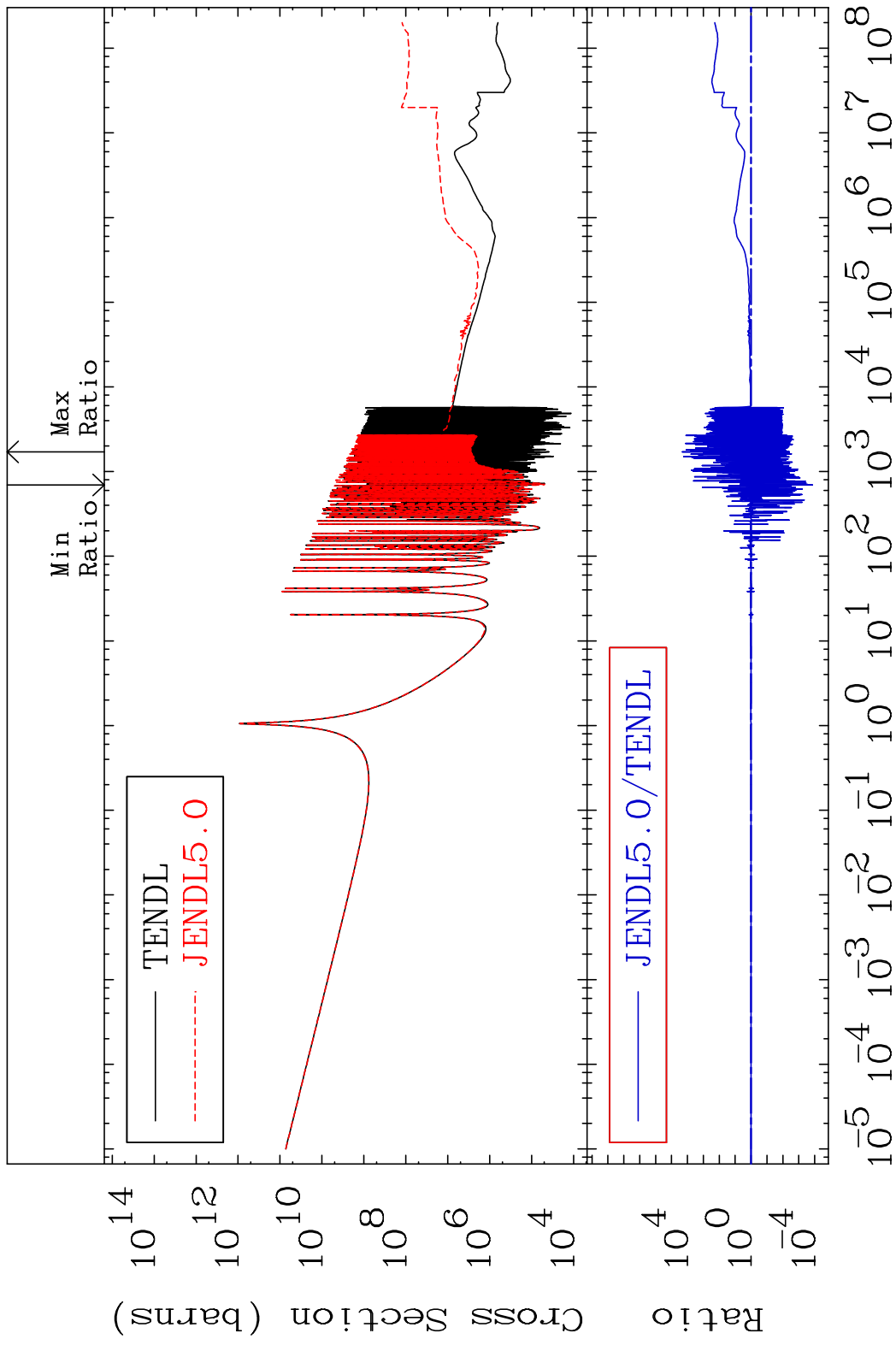
Kerma capture (mt102) 94-Pu-240  
Cross Section -100.0 To 9999. %



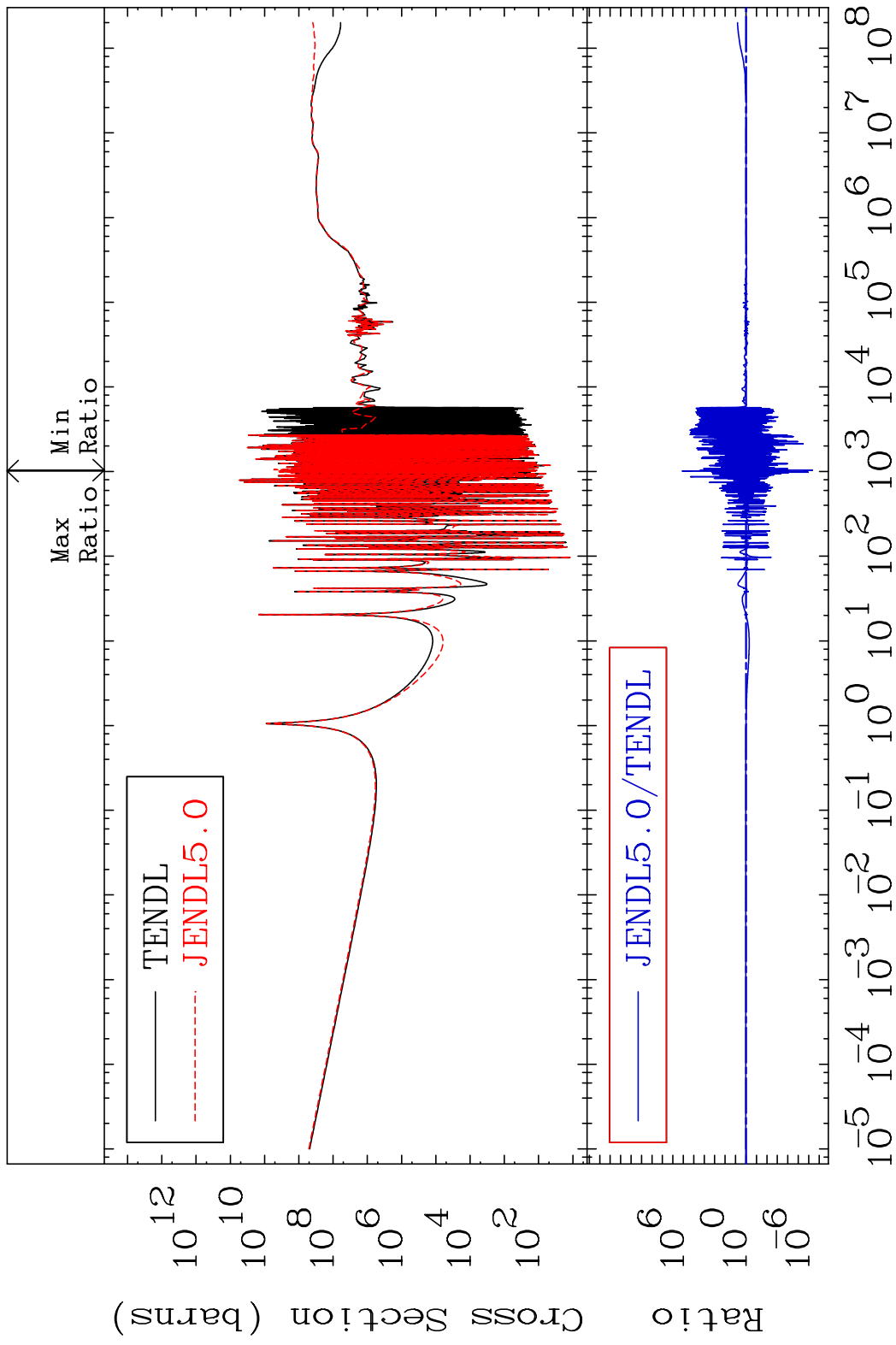
43

Incident Energy (eV) 94-Pu-240

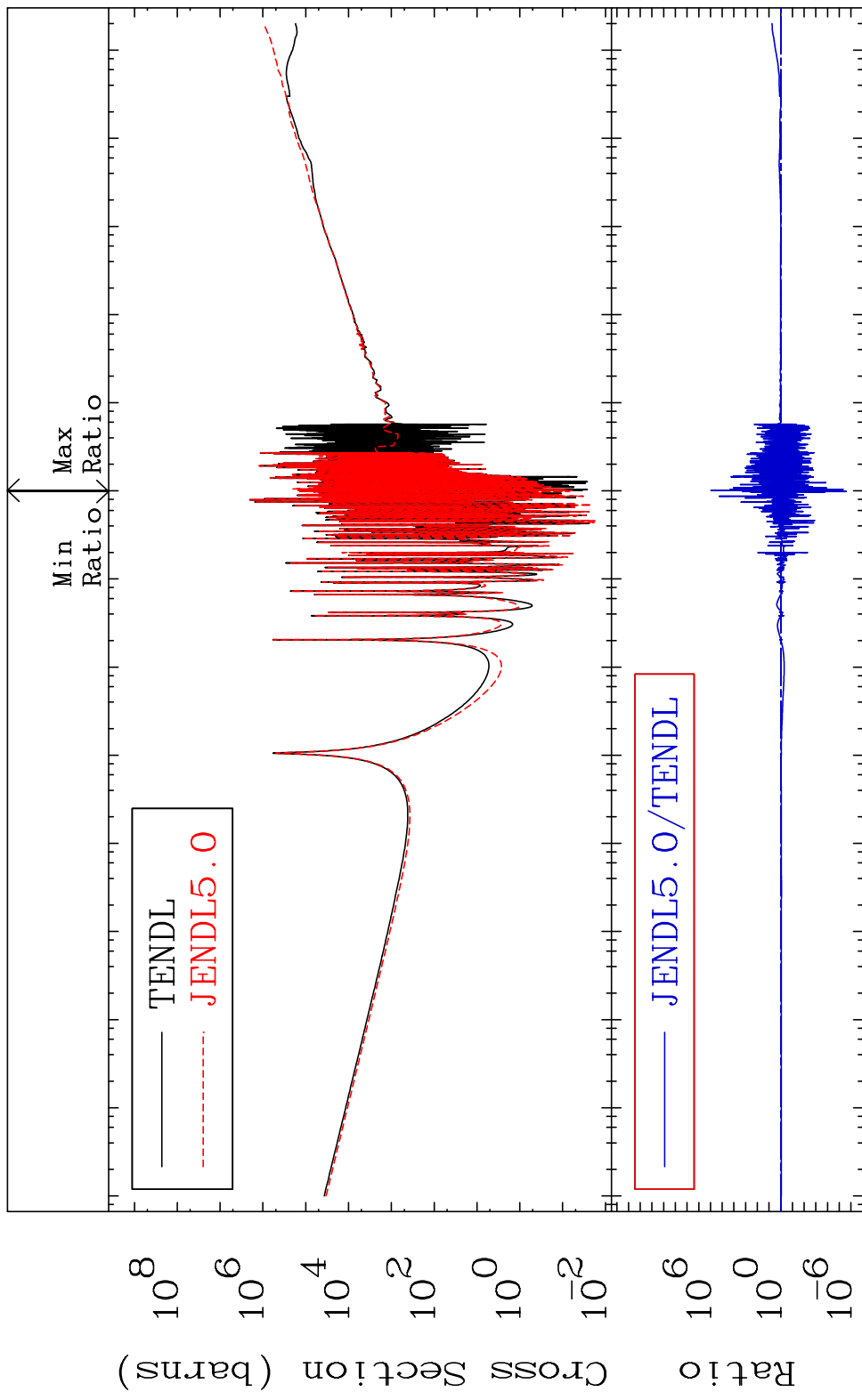
MAT 9440 Total photon (eV-barns) 94-Pu-240  
 Cross Section -99.99 To 9999. %



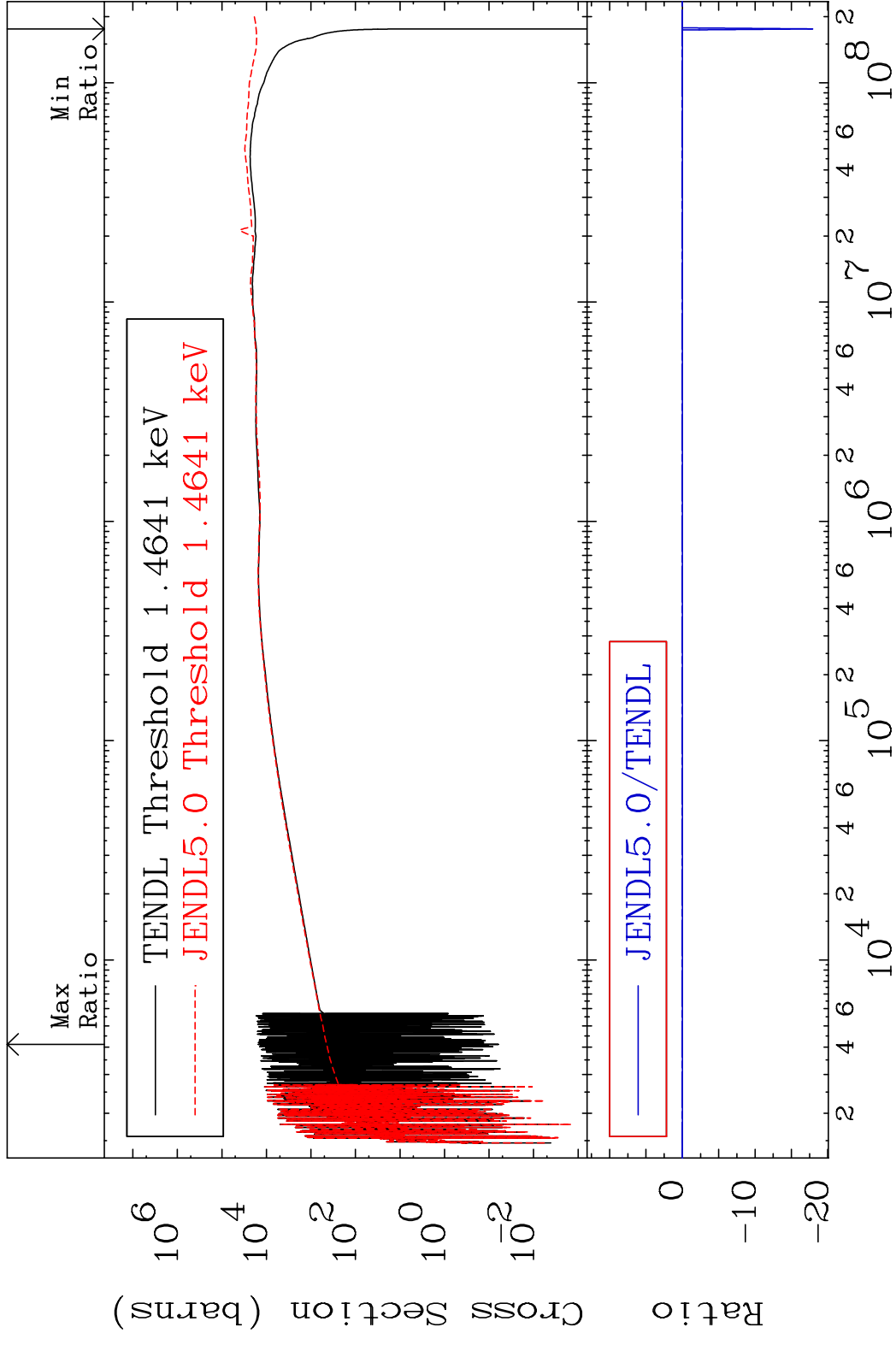
MAT 9440 Total kinematic kerma (high limit) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440      Dpa total (eV-barns)      94-Pu-240  
 Cross Section      -100.0 To 9999. %

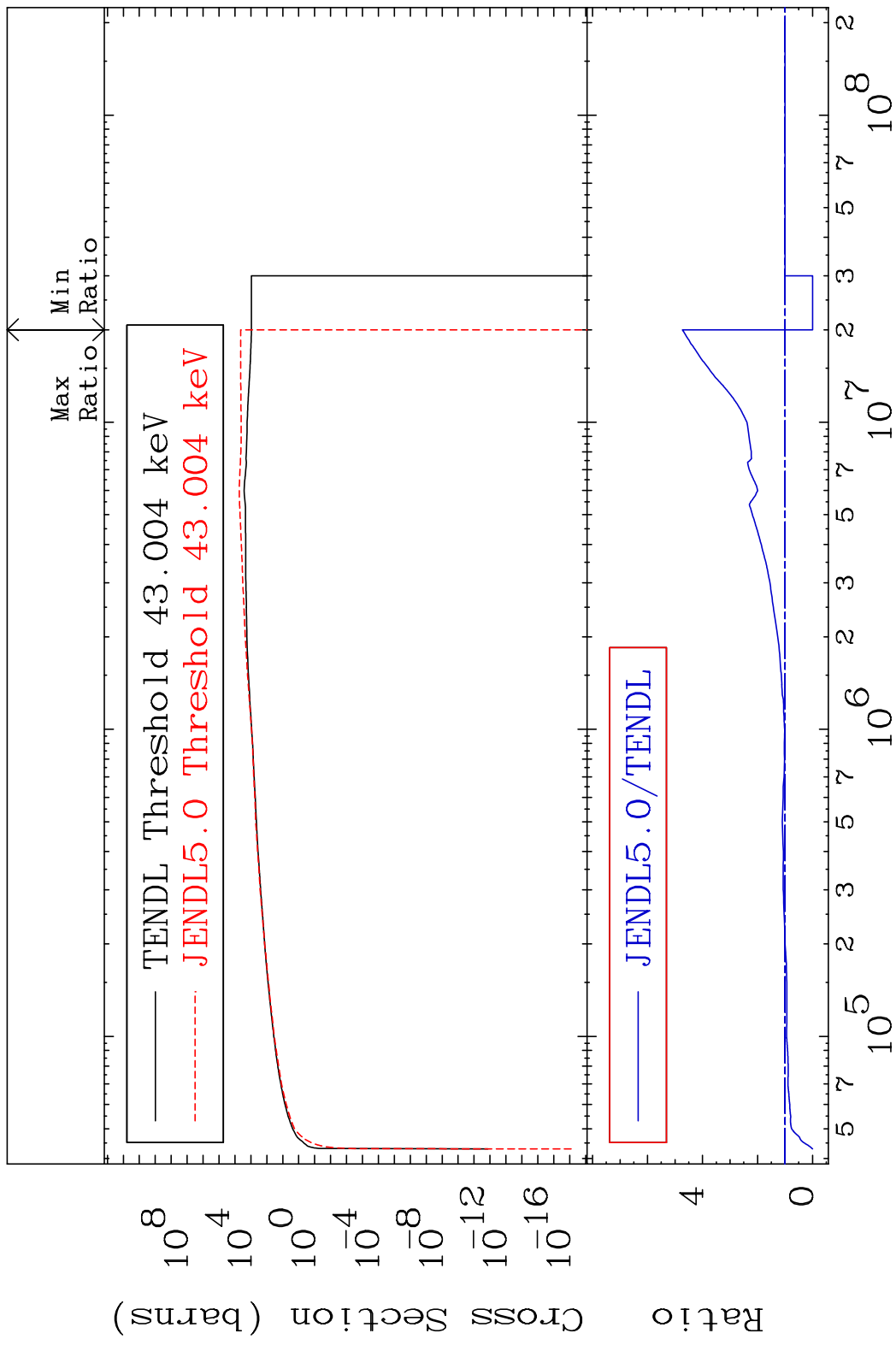


MAT 9440 Dpa elastic (mt2) 94-Pu-240  
 Cross Section -9999. To 9999. %

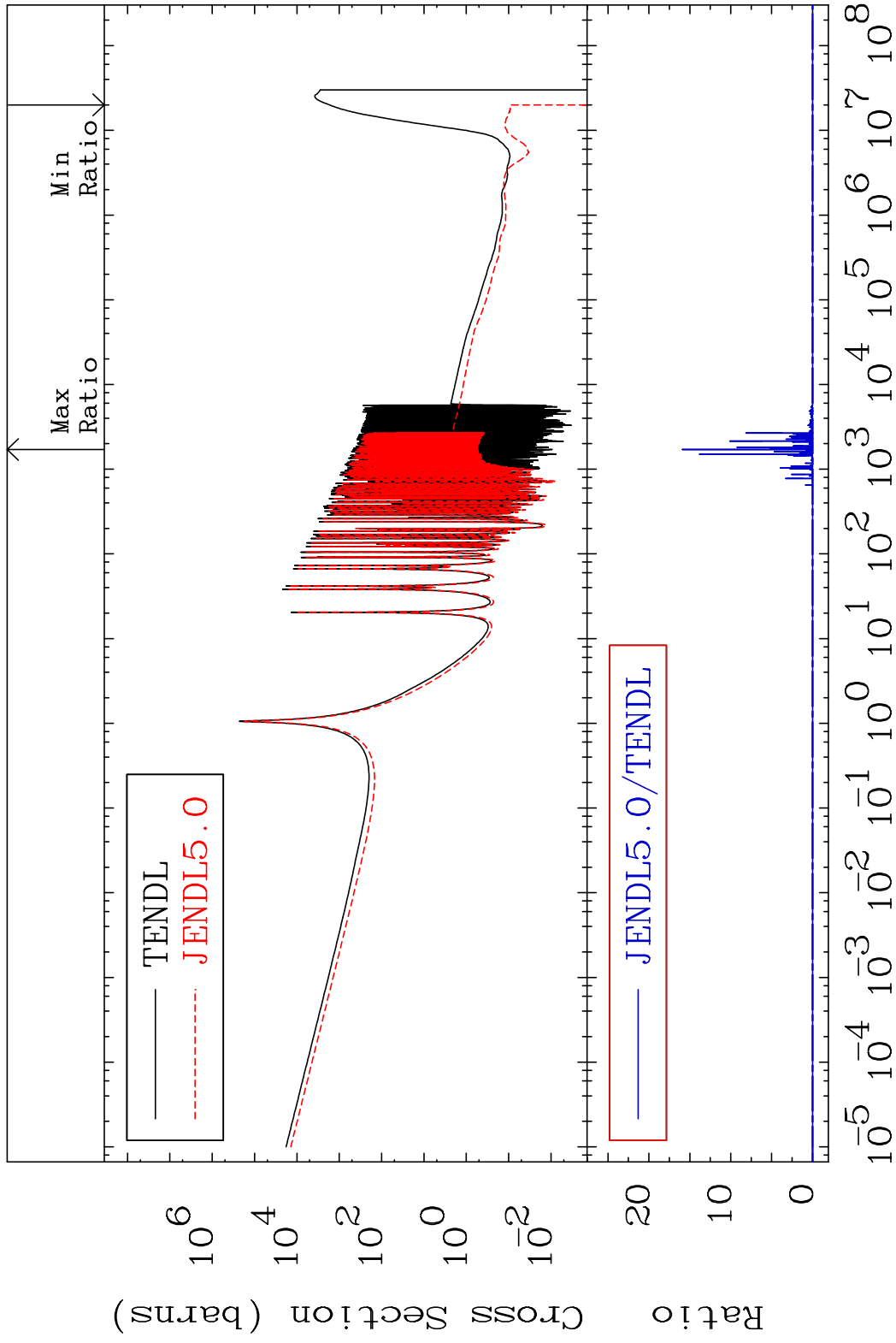




MAT 9440      Dpa inelastic (mt51-91)      94-Pu-240  
 Cross Section      -100.0 To 373.4 %

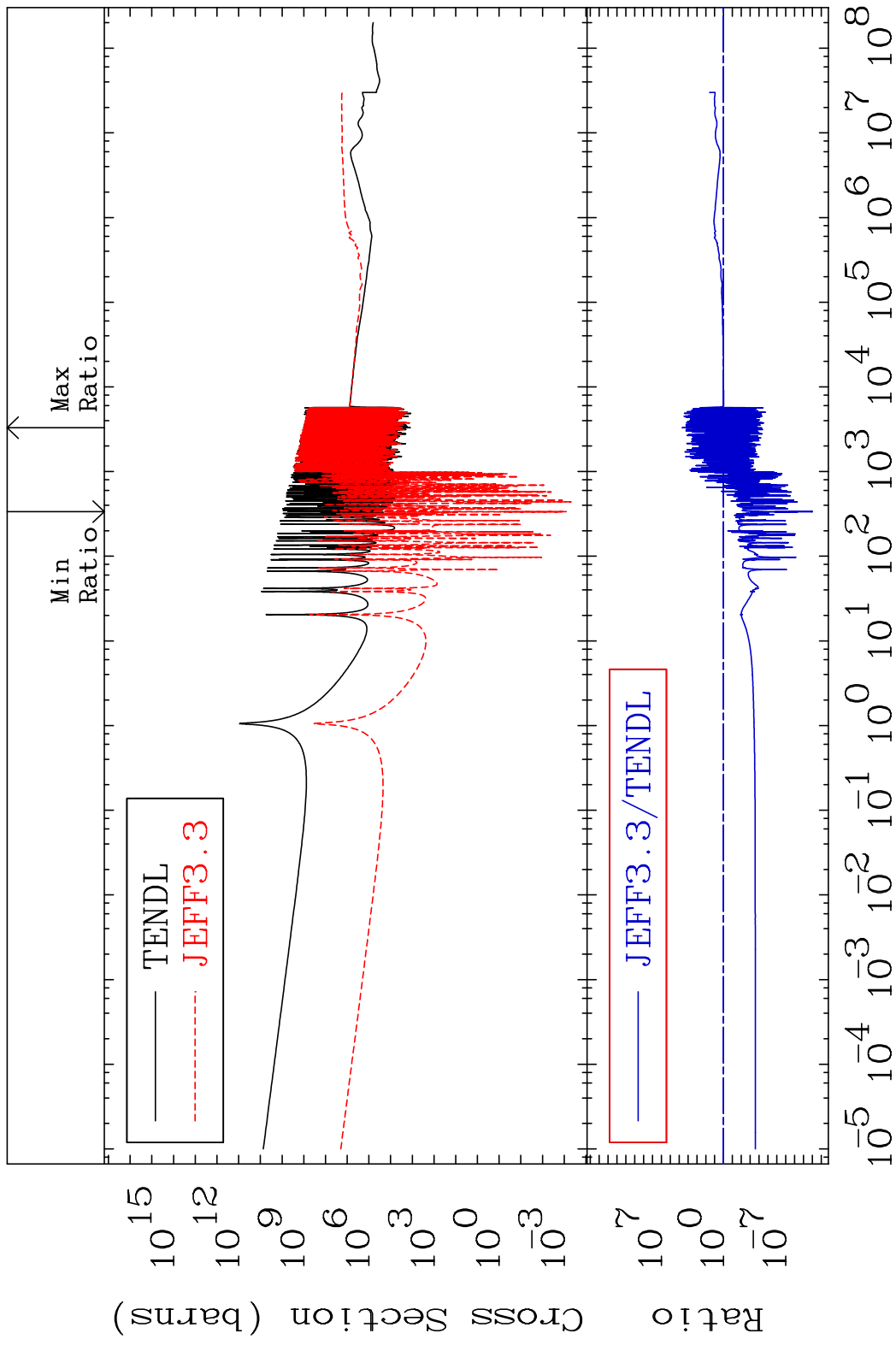


MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240  
 Cross Section -100.0 To 9999. %



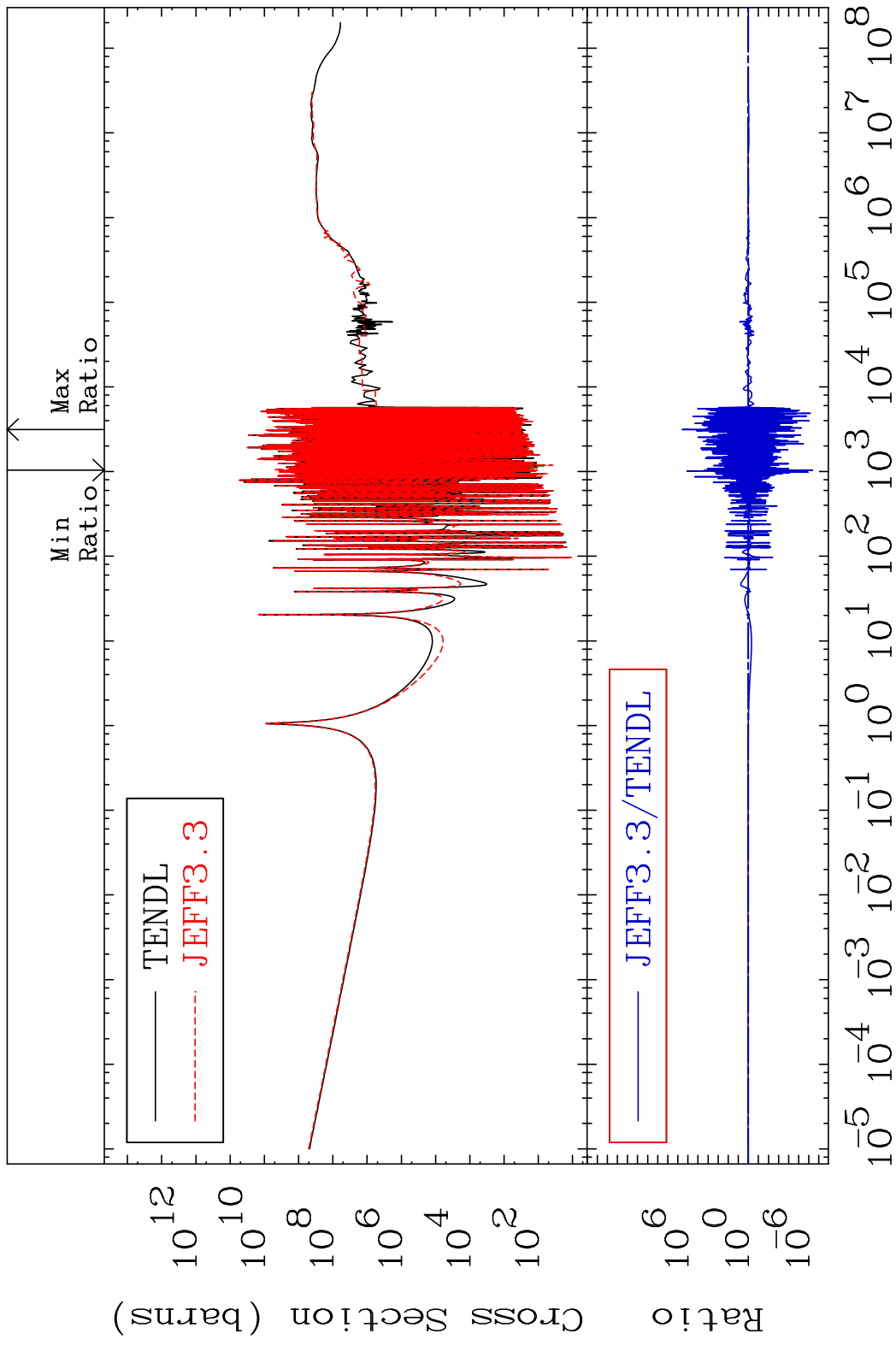
49 Incident Energy (eV) 94-Pu-240

MAT 9440 Total photon (eV-barns) 94-Pu-240  
 Cross Section -100.0 To 9999. %

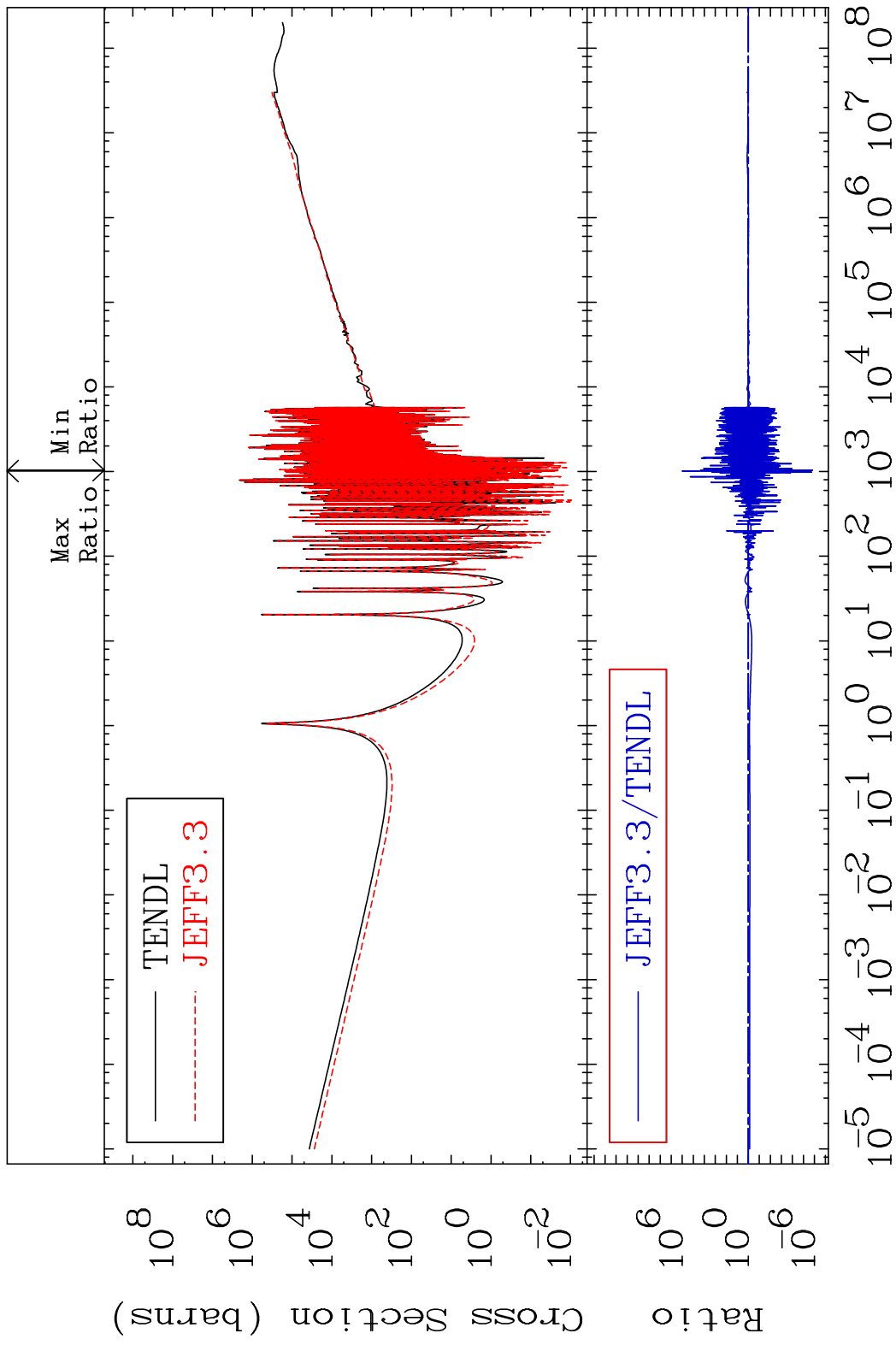


50 Incident Energy (eV) 94-Pu-240

MAT 9440 Total kinematic kerma (high limit) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440      Dpa total (eV-barns)      94-Pu-240  
 Cross Section      -100.0 To 9999. %

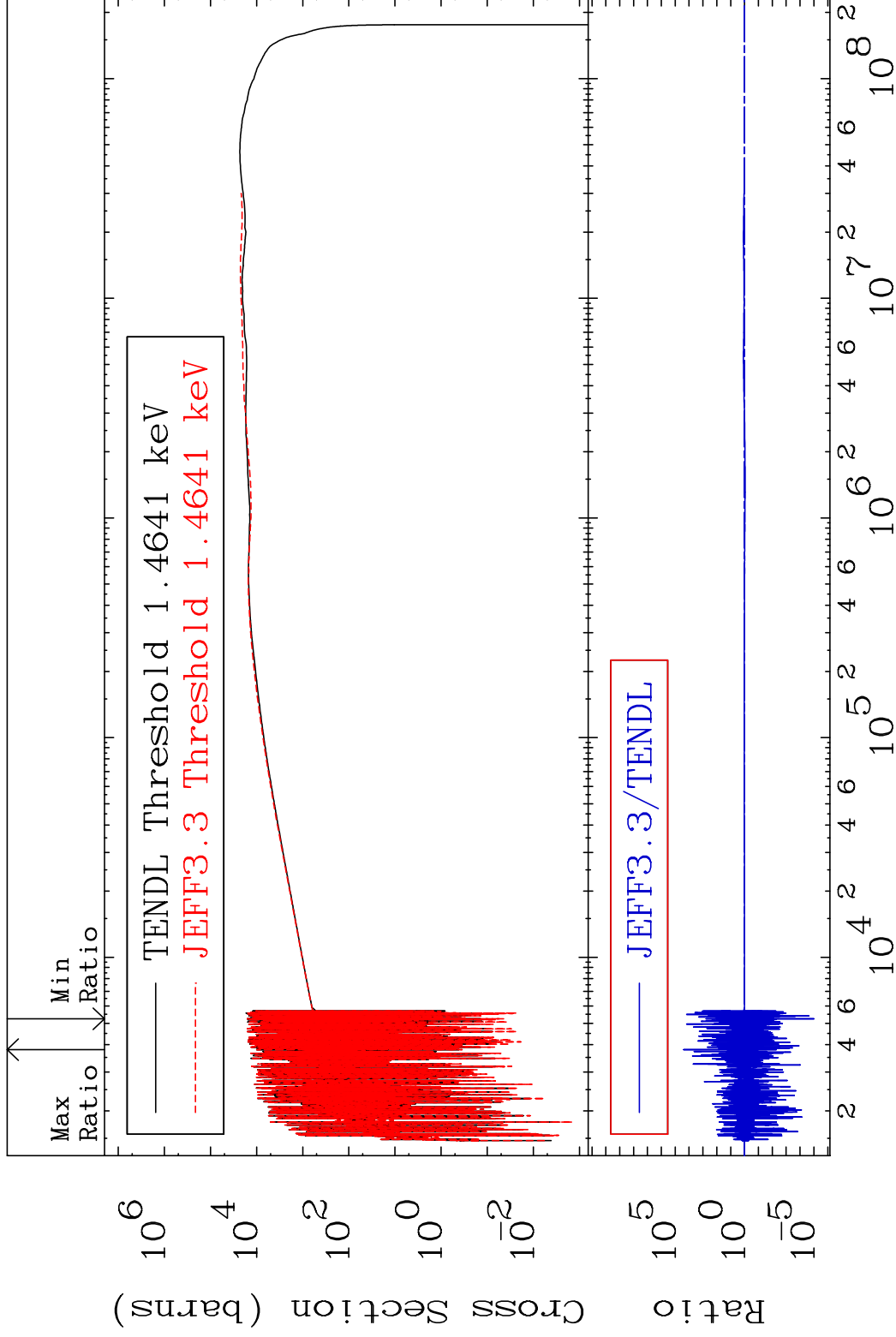


MAT 9440

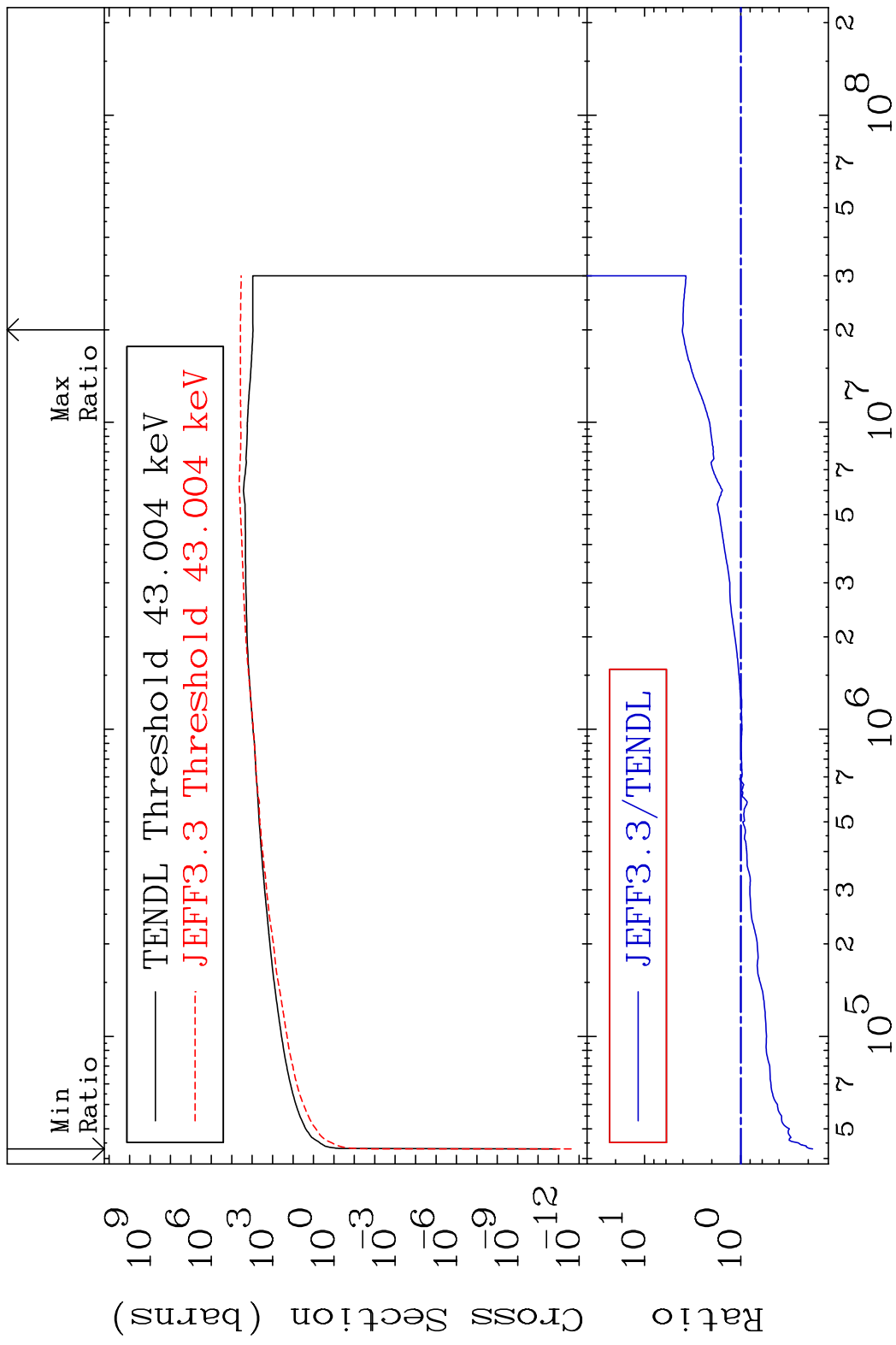
Dpa elastic (mt2)

94-Pu-240

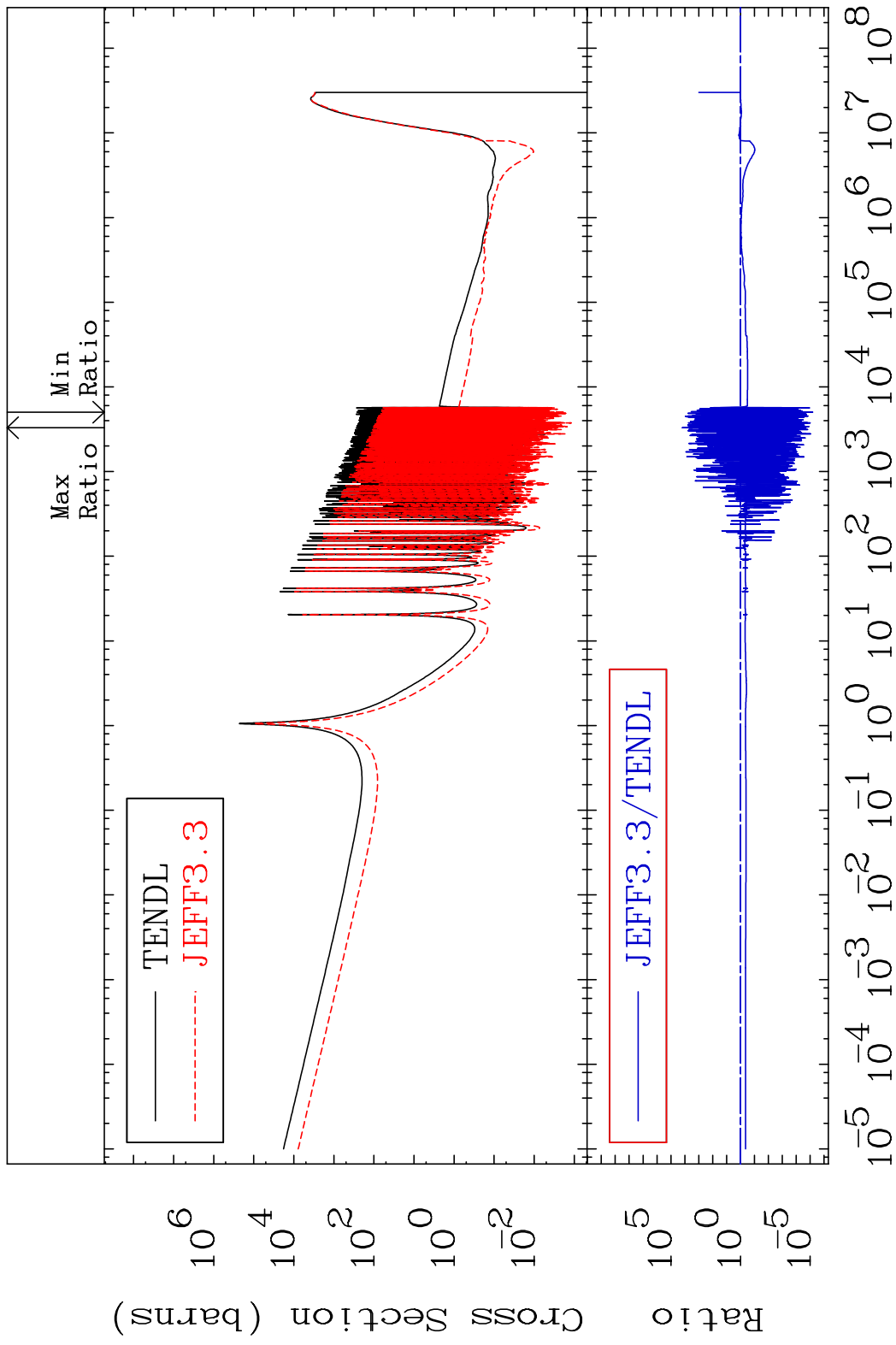
Cross Section -100.0 To 9999. %



MAT 9440      Dpa inelastic (mt51-91)      94-Pu-240  
 Cross Section      -81.99 To 305.4 %

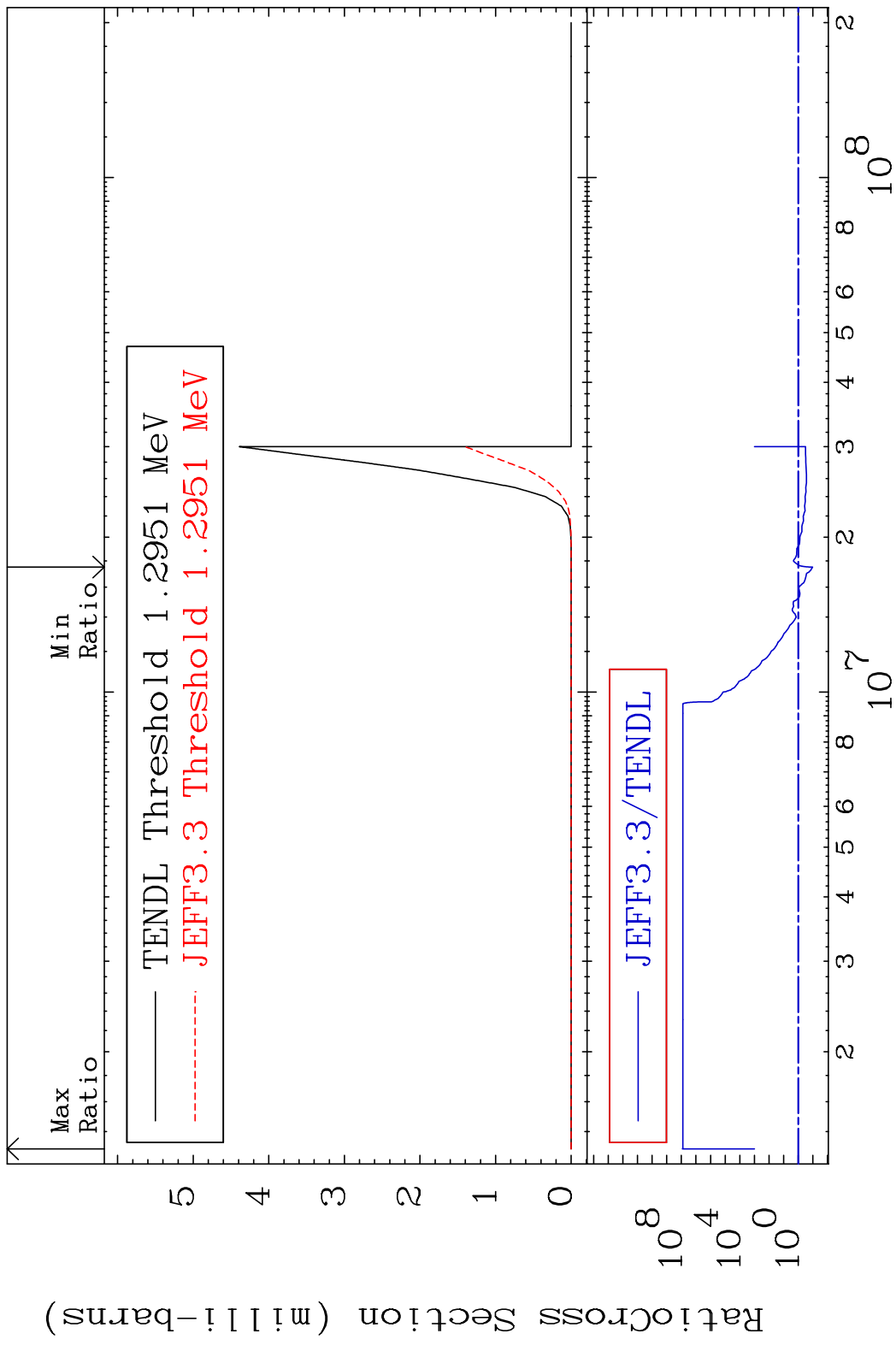


MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240  
 Cross Section -100.0 To 9999. %





MAT 9440 (n,2n)  $\alpha$ :92-U-235g 94-Pu-240  
 Radionuclide Production Cross Section Efficiency 9999. %



MAT 9440 (n,2n)  $\alpha$ :92-U -235m1 94-Pu-240  
 Radionuclide Production Cross Section to 9999. %

