

Program Complot  
(Version 2021-1)

by

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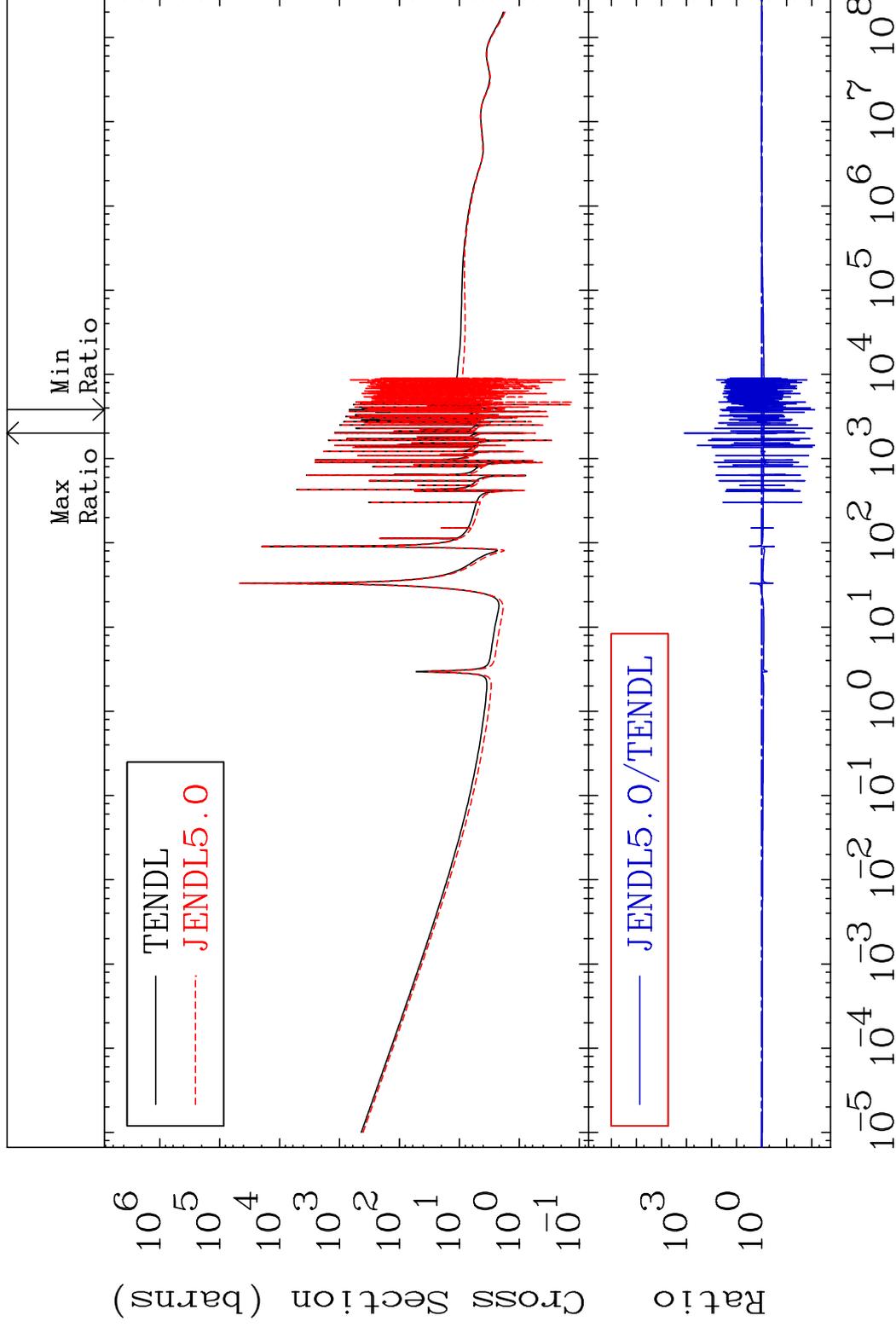
Press Mouse Button to Start

MAT 4643

Total

46-Pd-108

Cross Section -99.24 To 9999. %

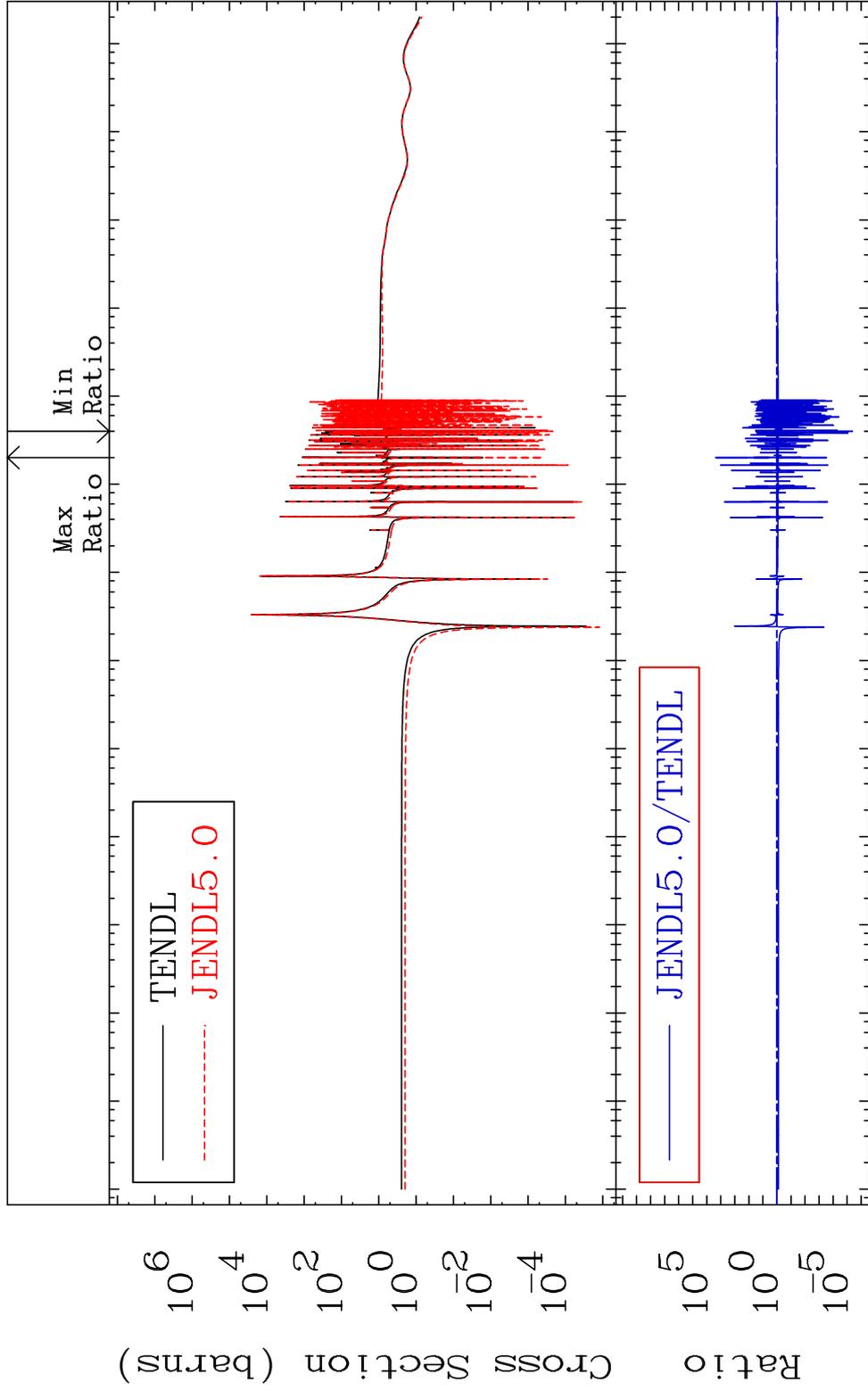


1

Incident Energy (eV)

46-Pd-108

MAT 4643                      Elastic                      46-Pd-108  
 Cross Section                      -100.0 To 9999. %



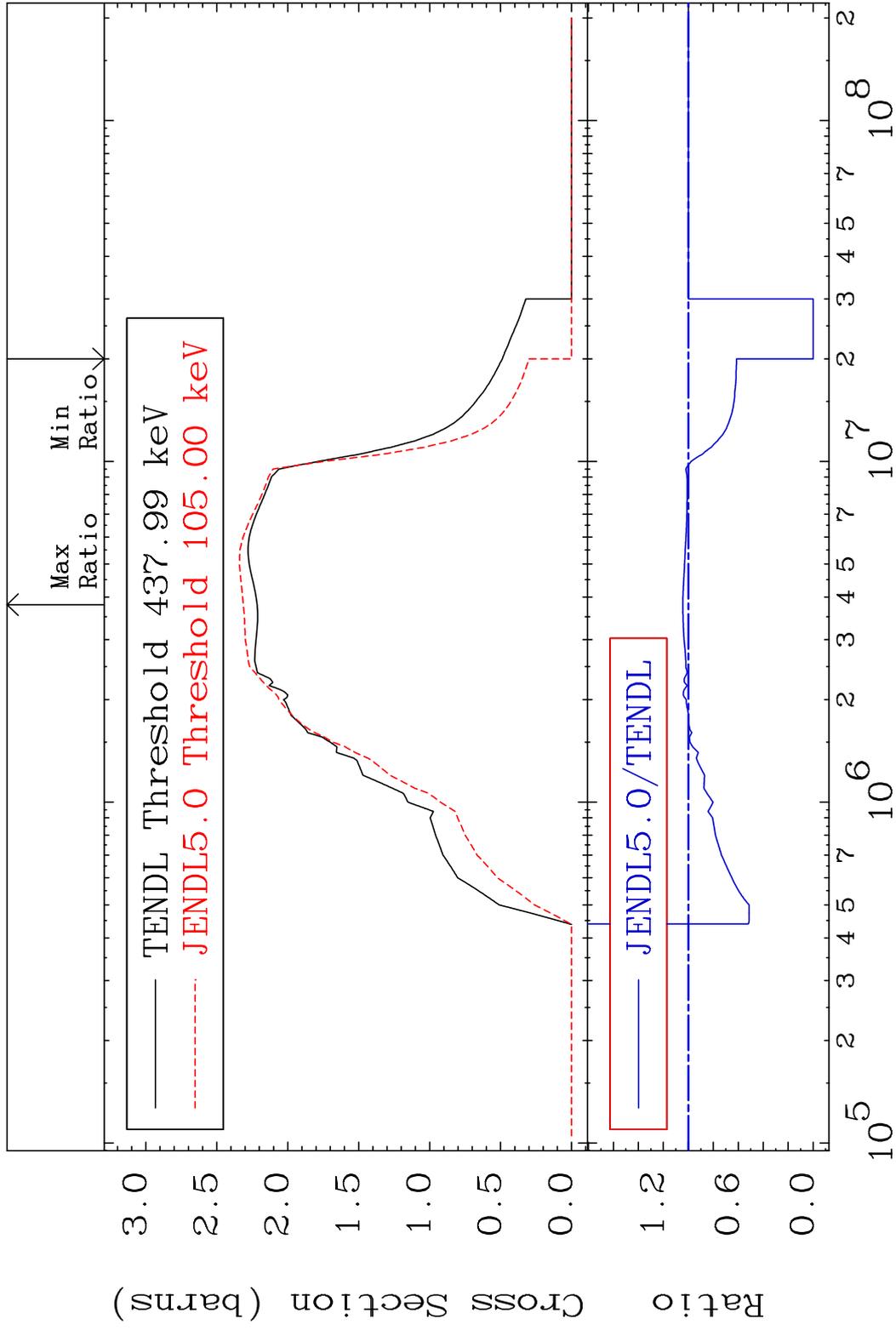
2                      Incident Energy (eV)                      46-Pd-108

MAT 4643

Inelastic

46-Pd-108

Cross Section -100.0 To 4.390 %

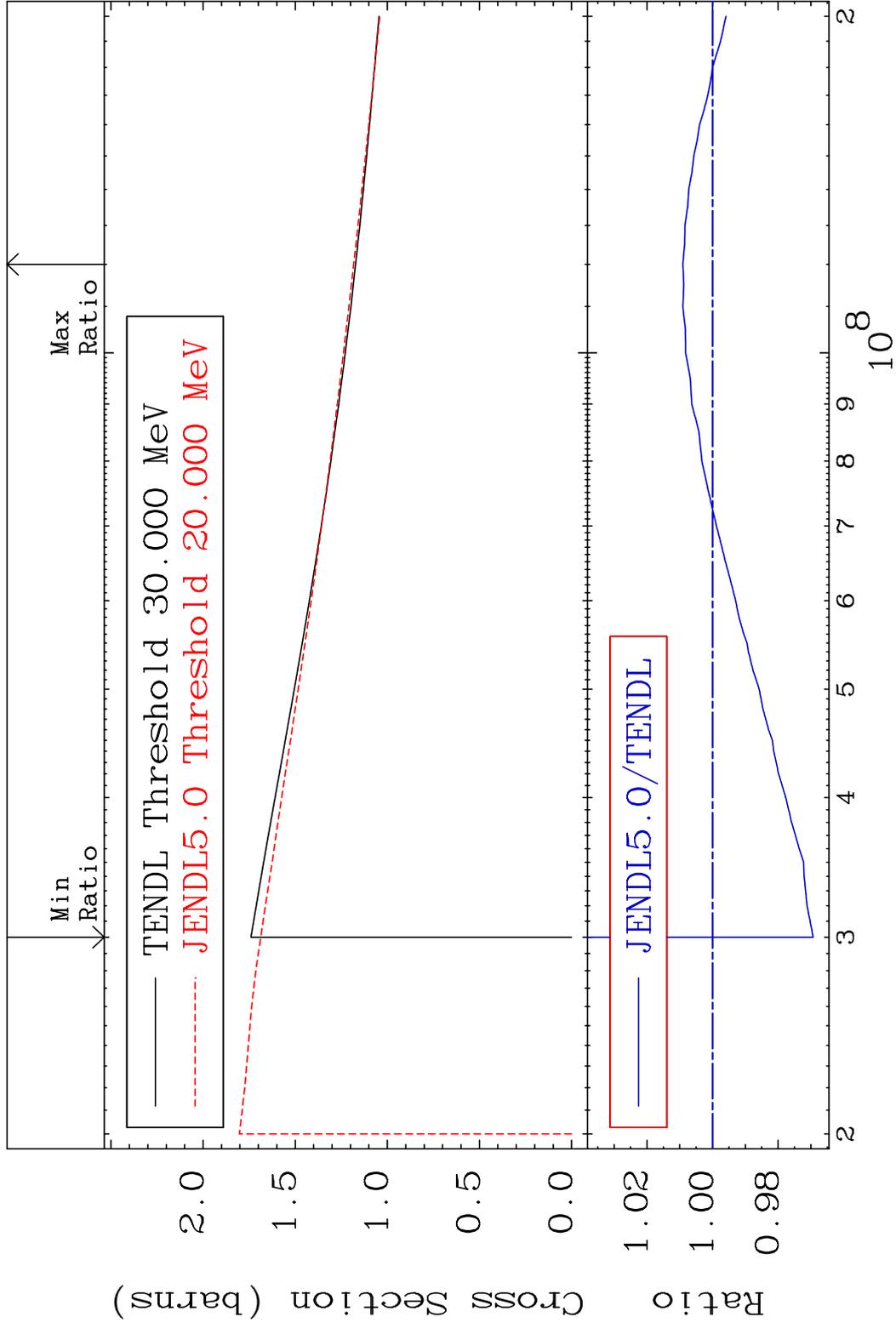


3

Incident Energy (eV)

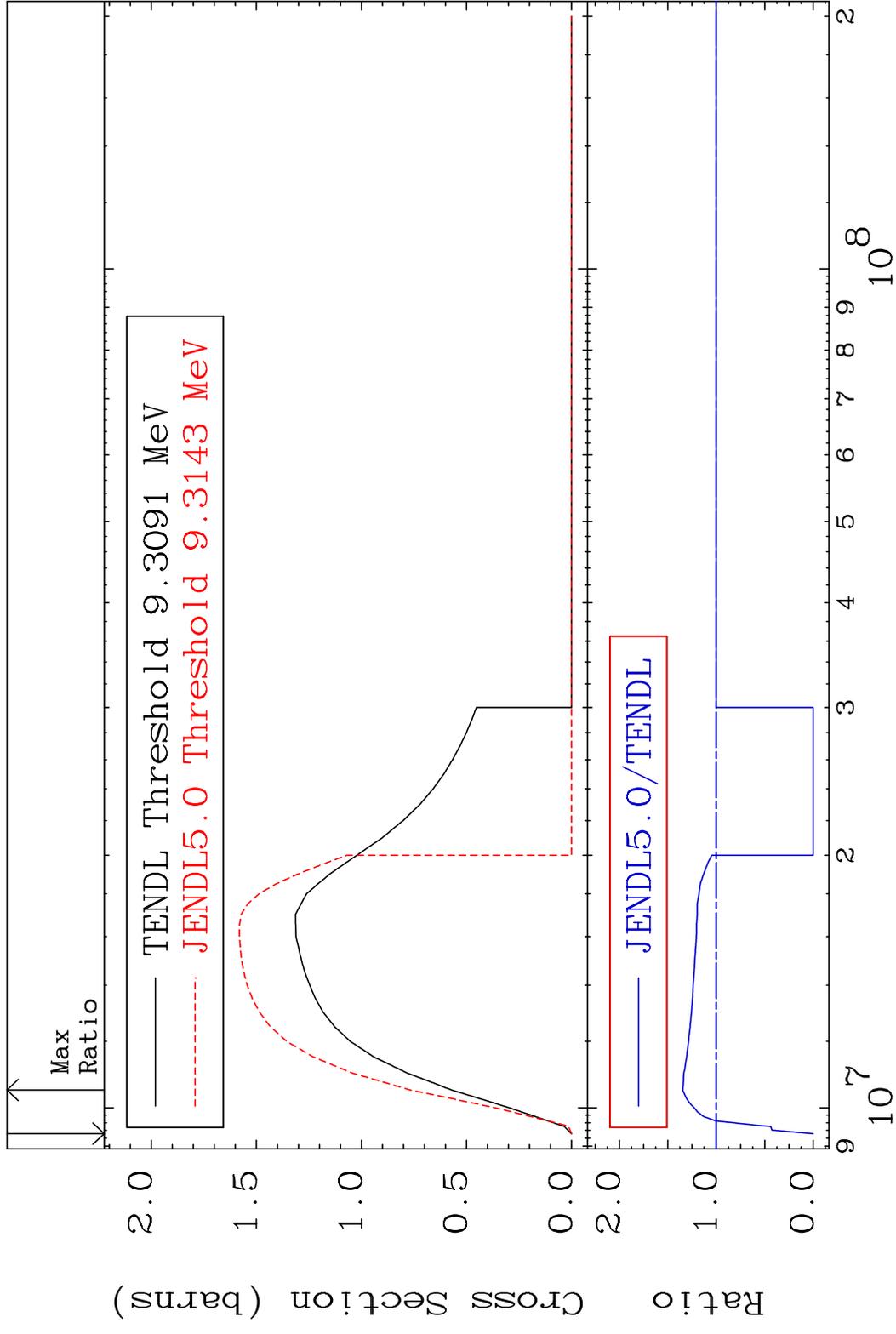
46-Pd-108

MAT 4643 (n, remainder) 46-Pd-108  
 Cross Section -3.069 To 0.906 %



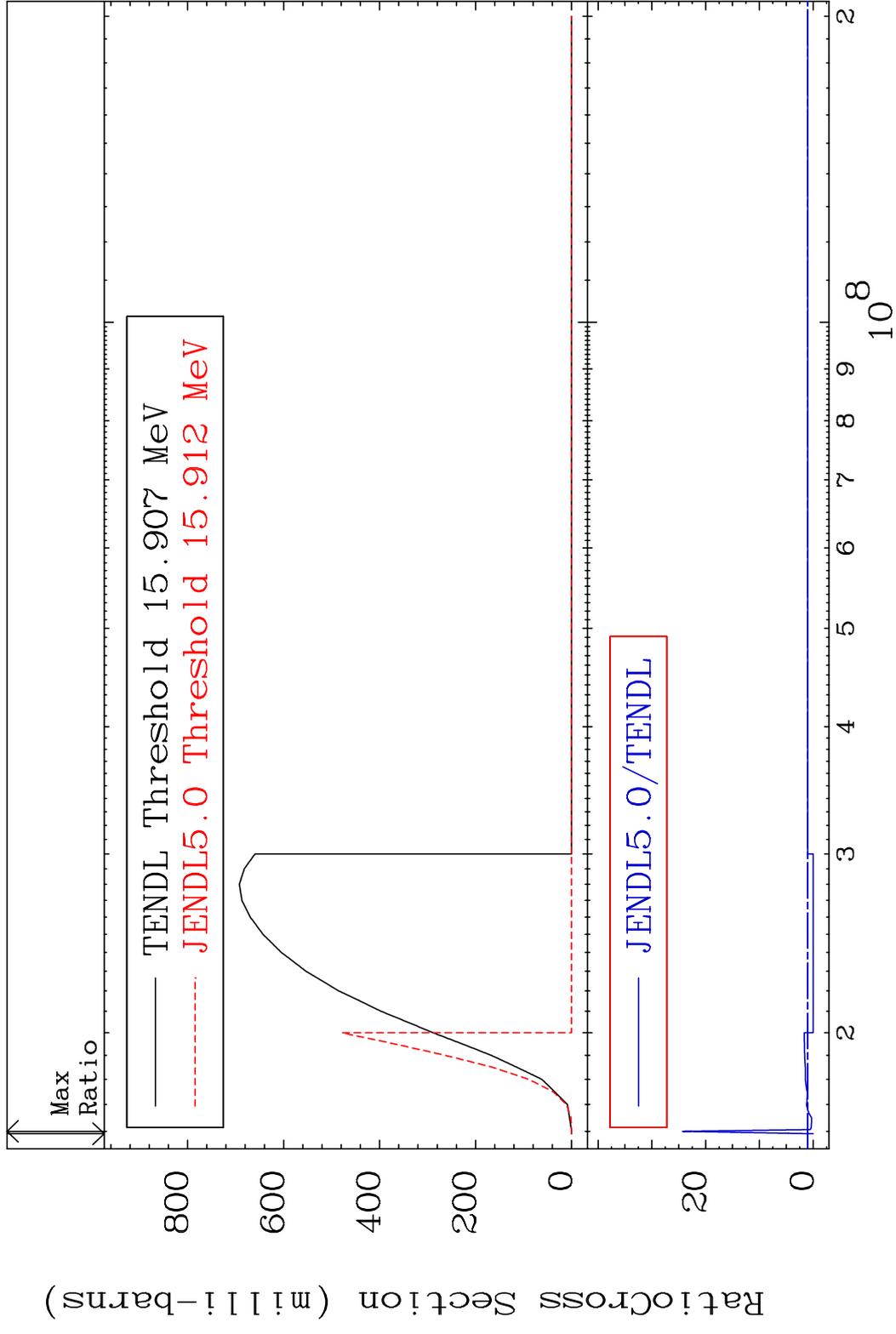
4 Incident Energy (eV) 46-Pd-108

MAT 4643 (n,2n) 46-Pd-108  
 Cross Section -100.0 To 34.56 %

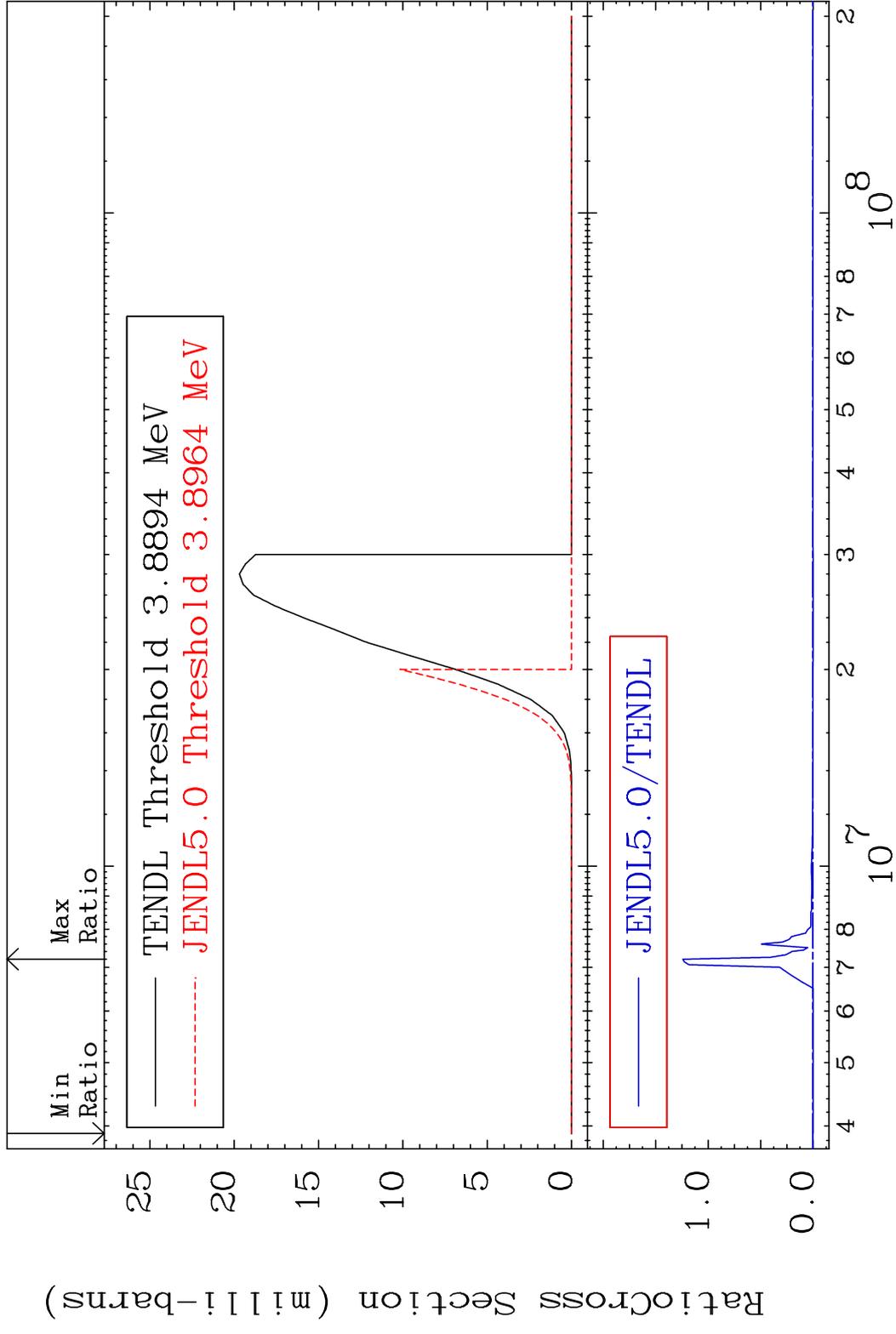


5 Incident Energy (eV) 46-Pd-108

MAT 4643 (n,3n) 46-Pd-108  
 Cross Section -100.0 To 2324. %



MAT 4643 (n, n')  $\alpha$  46-Pd-108  
 Cross Section -100.0 To 9999. %

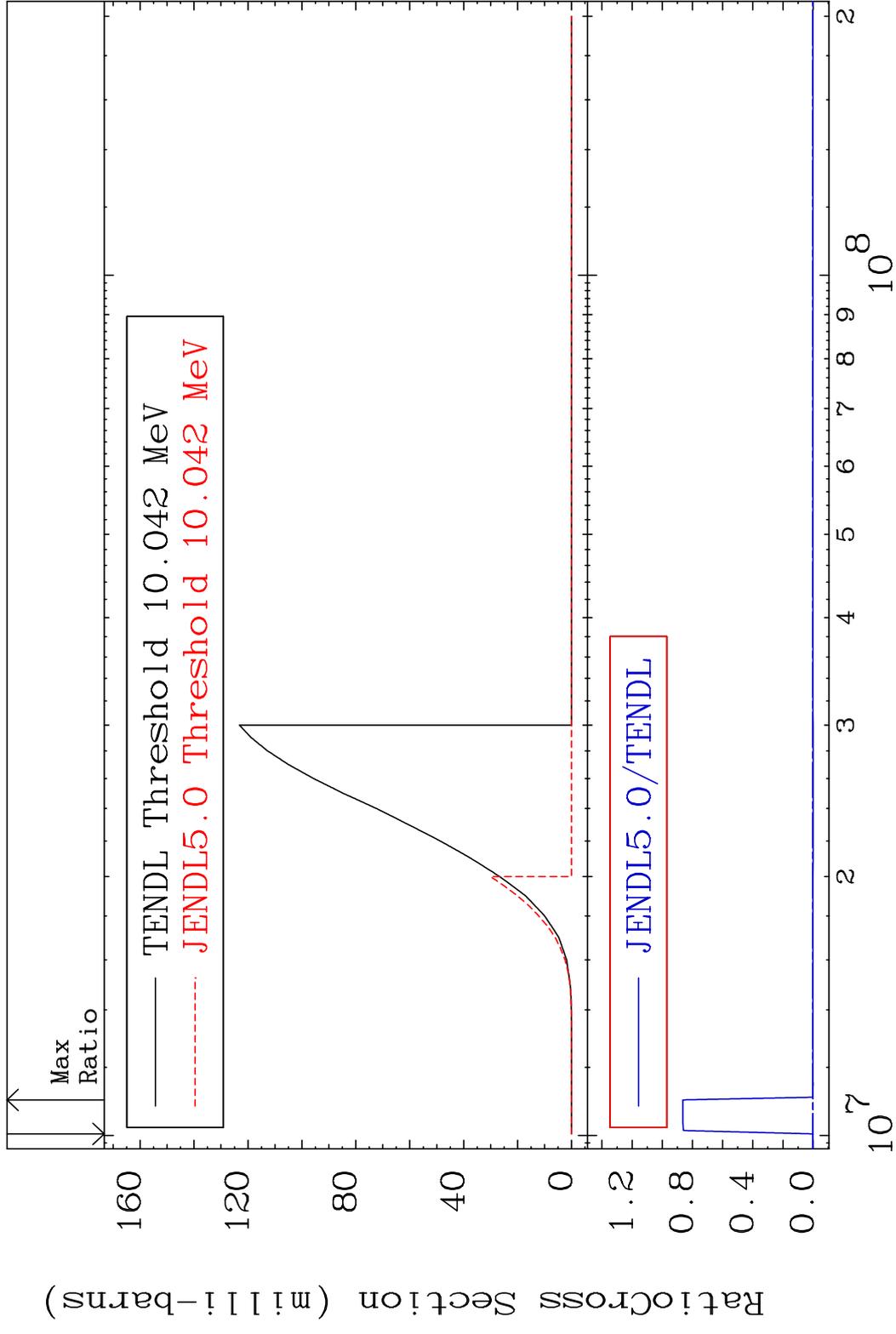


MAT 4643

(n, n') p

46-Pd-108

Cross Section -100.0 To 9999. %

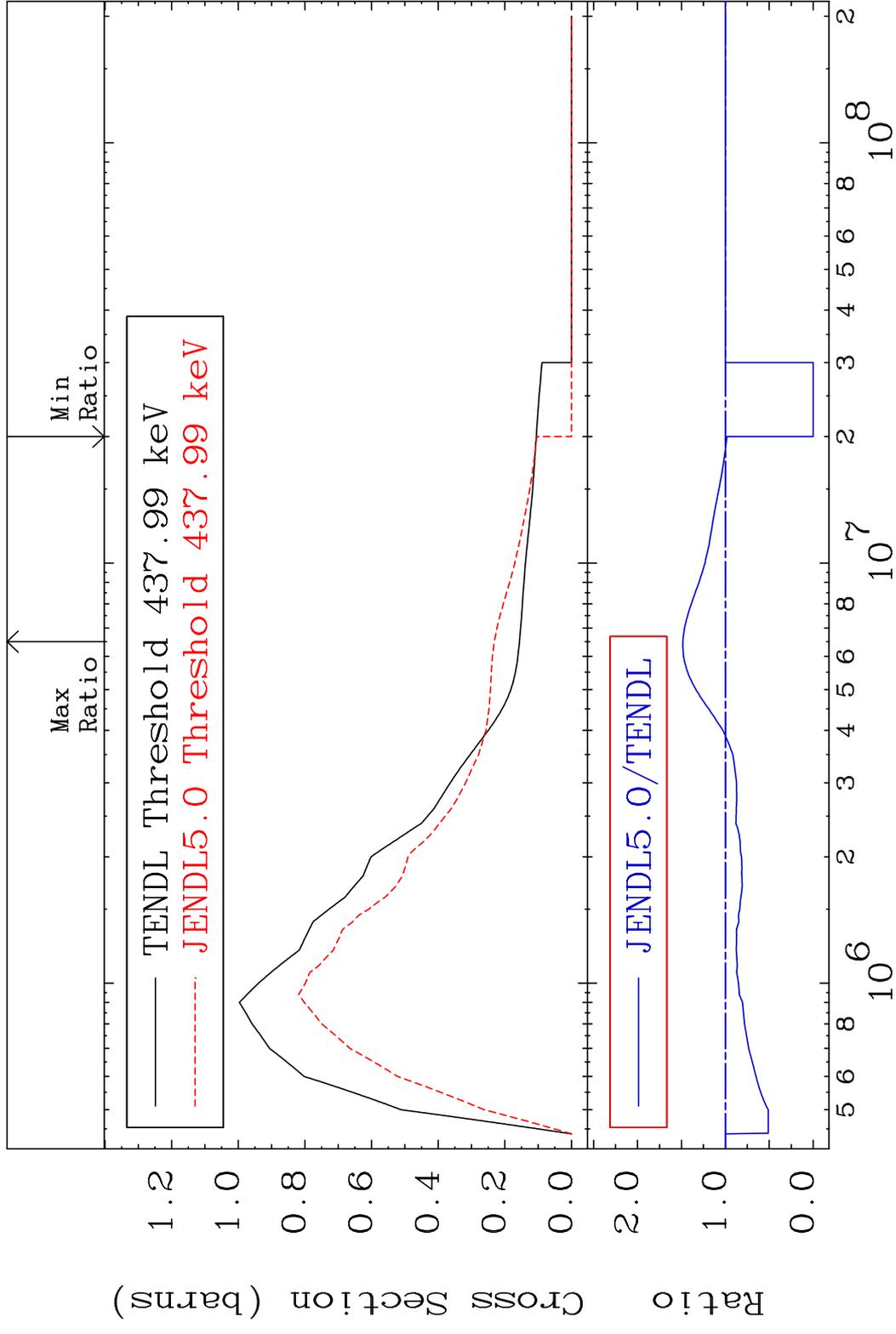


8

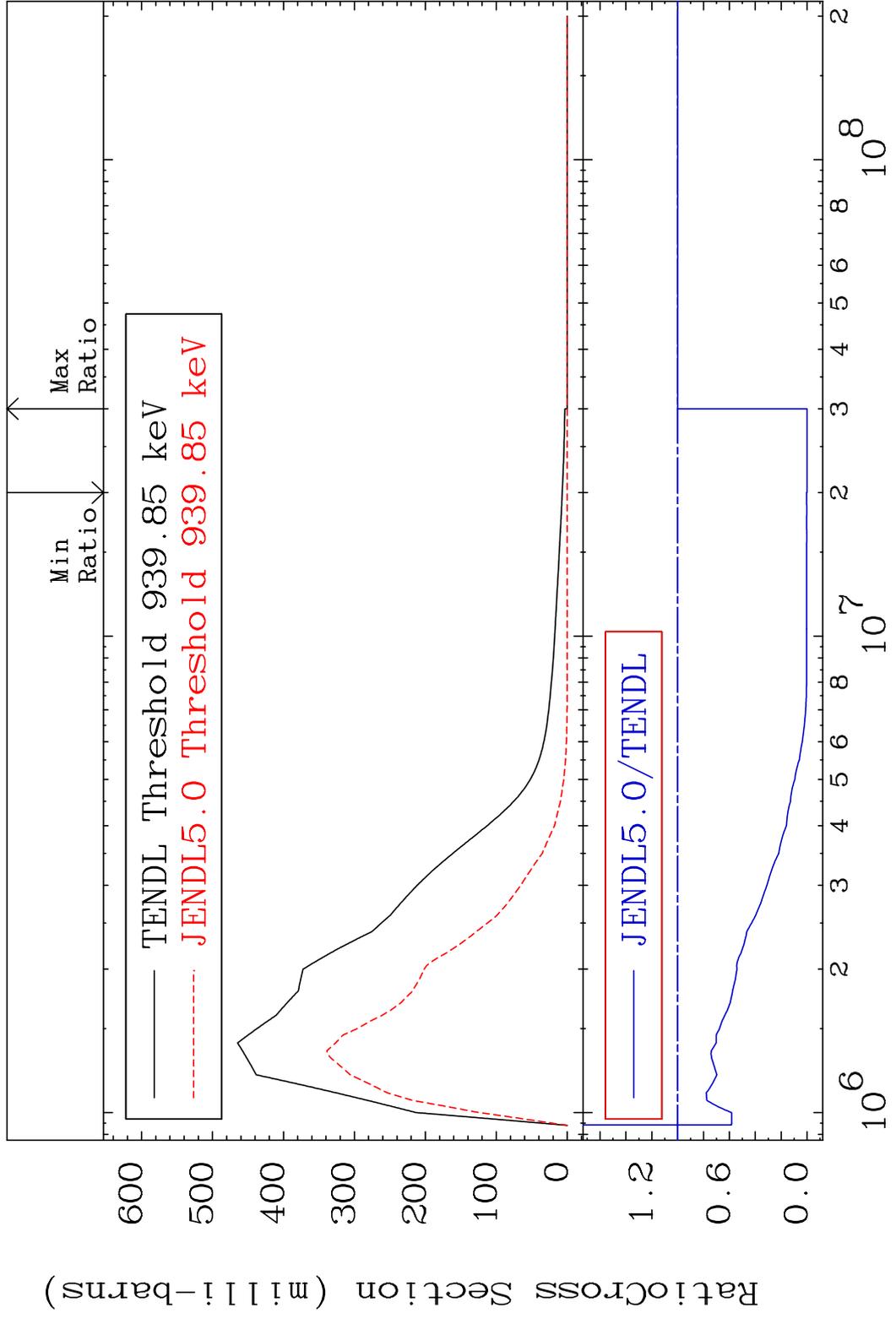
Incident Energy (eV)

46-Pd-108

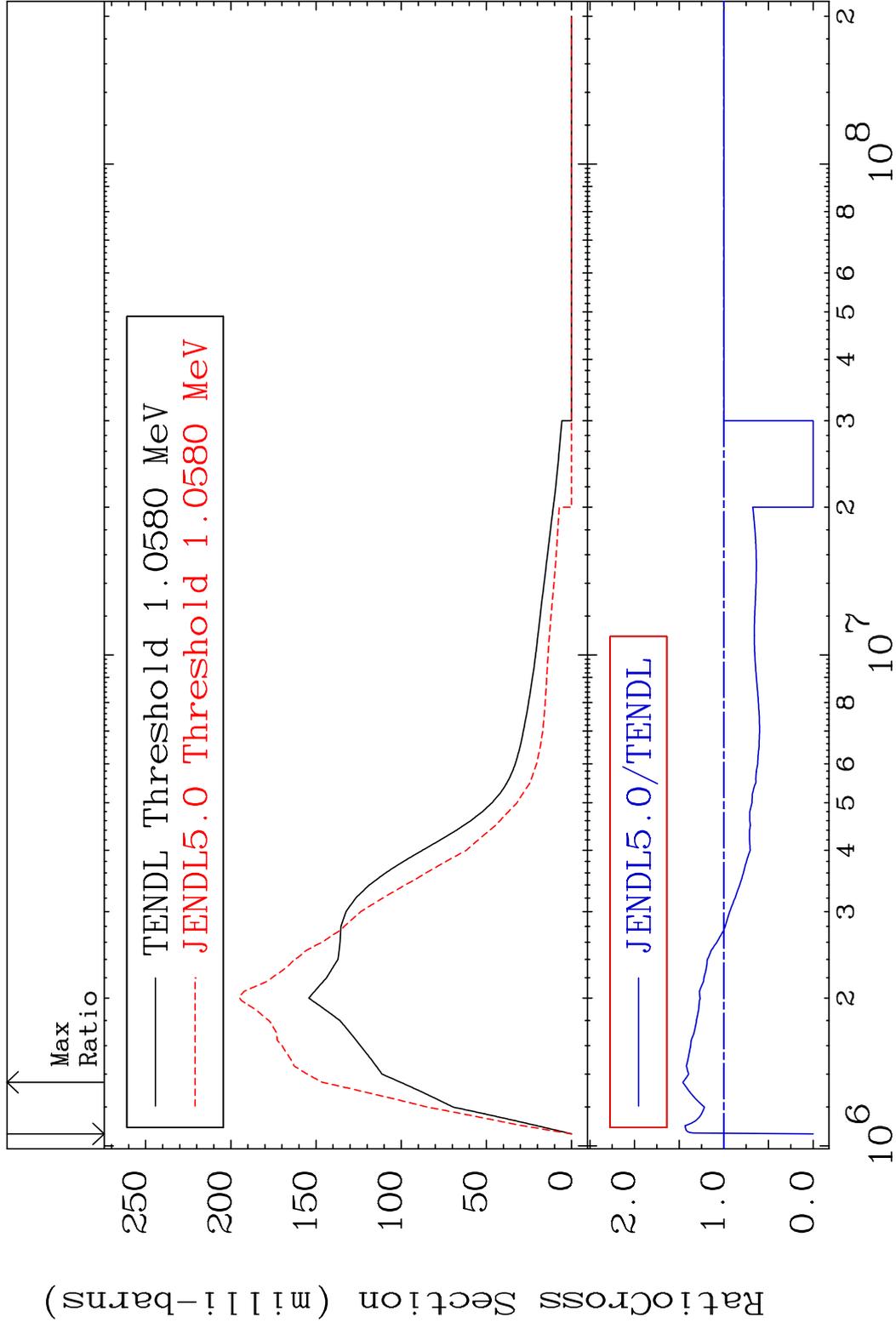
MAT 4643 MT= 51 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 48.42 %



MAT 4643 MT= 52 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 0.000 %

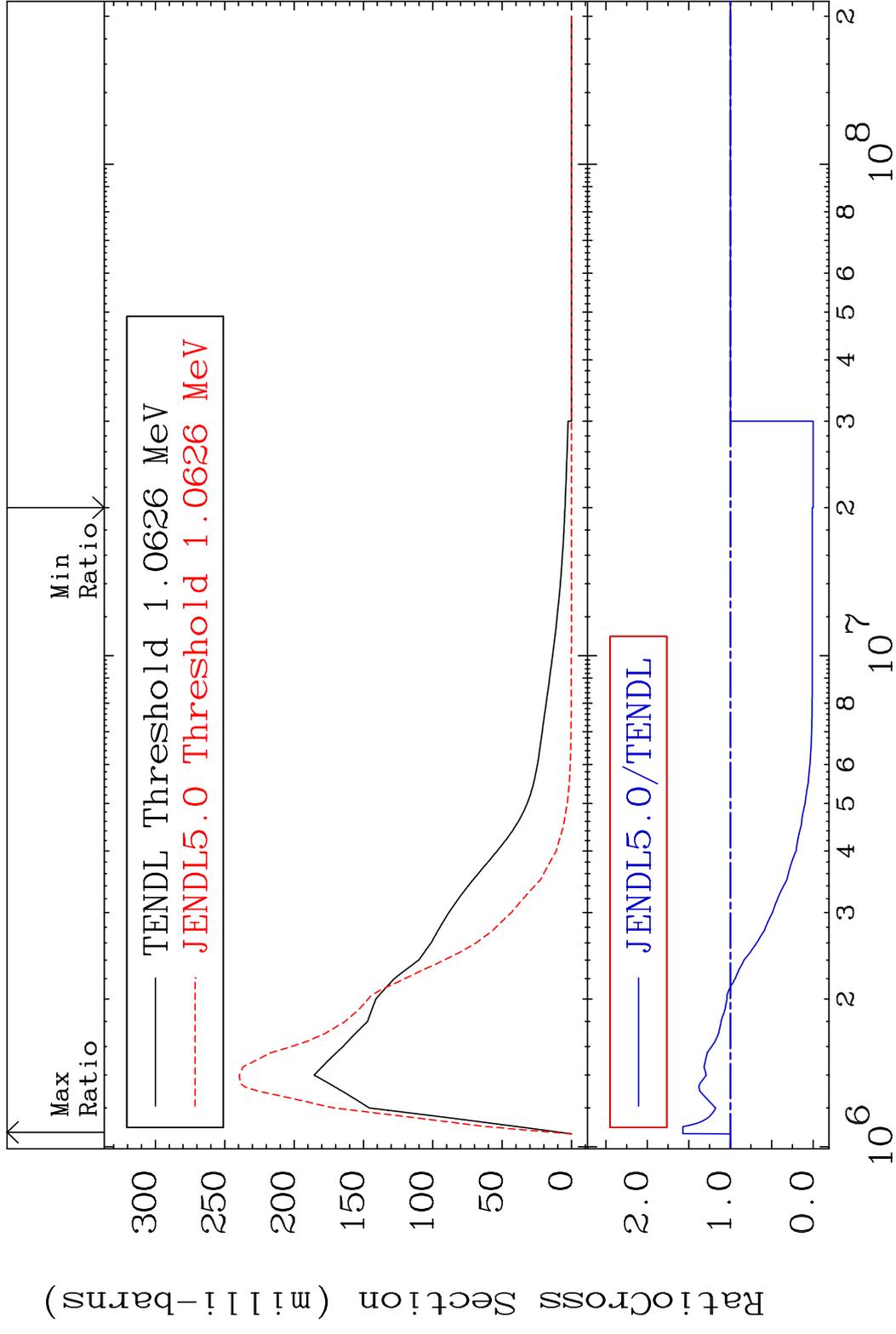


MAT 4643 MT= 53 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 45.92 %



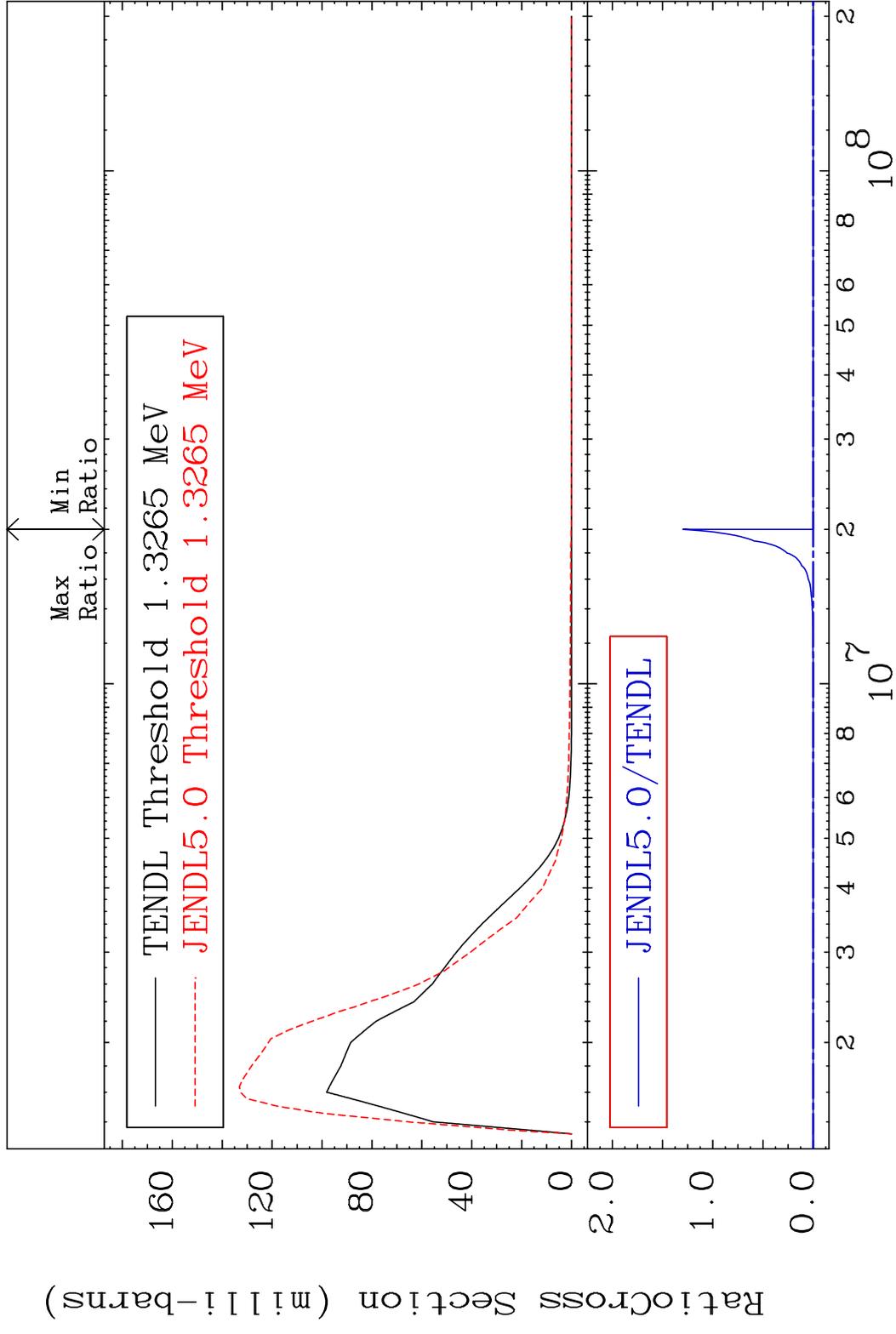
11 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 54 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 57.21 %

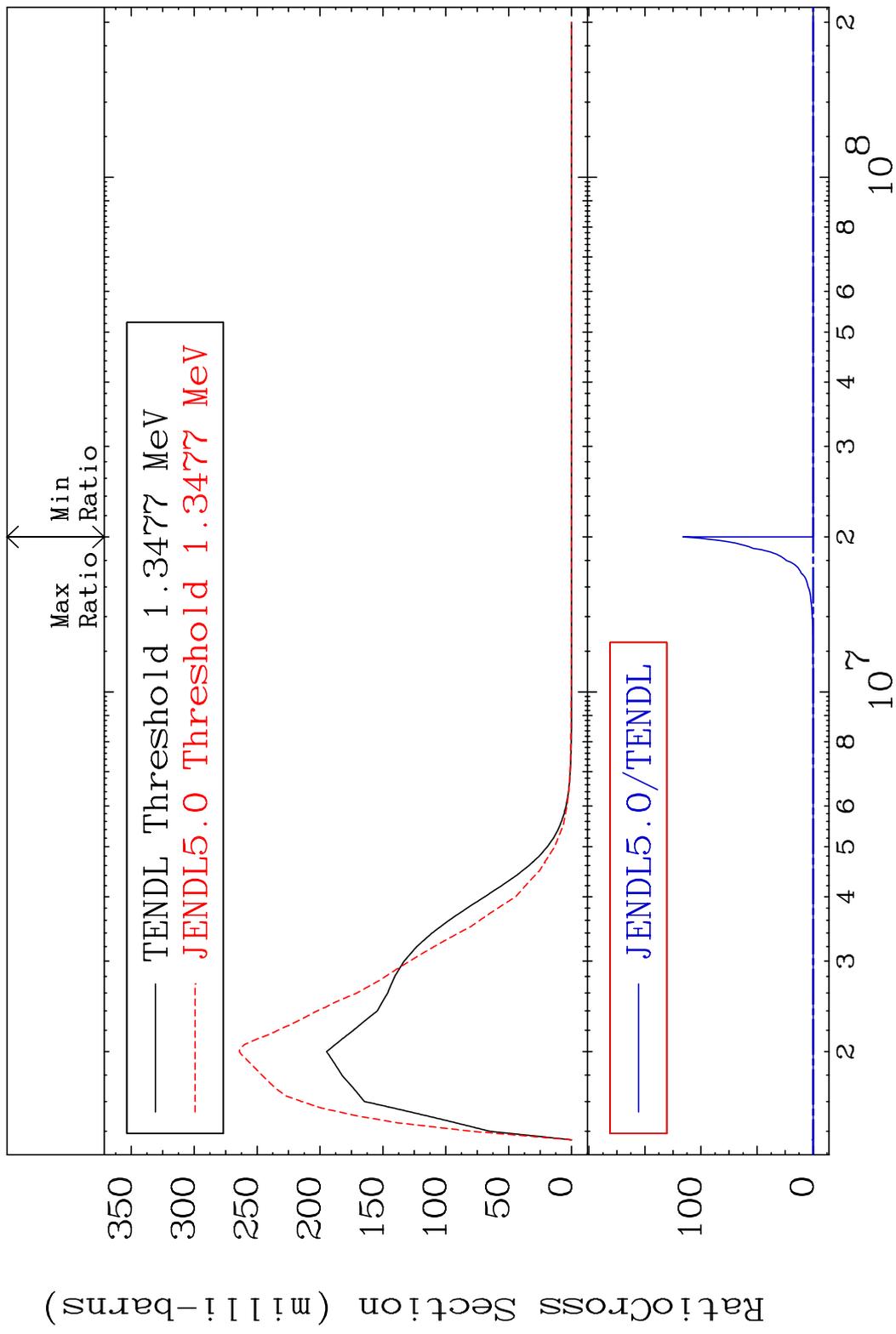


12 Incident Energy (eV) 46-Pd-108

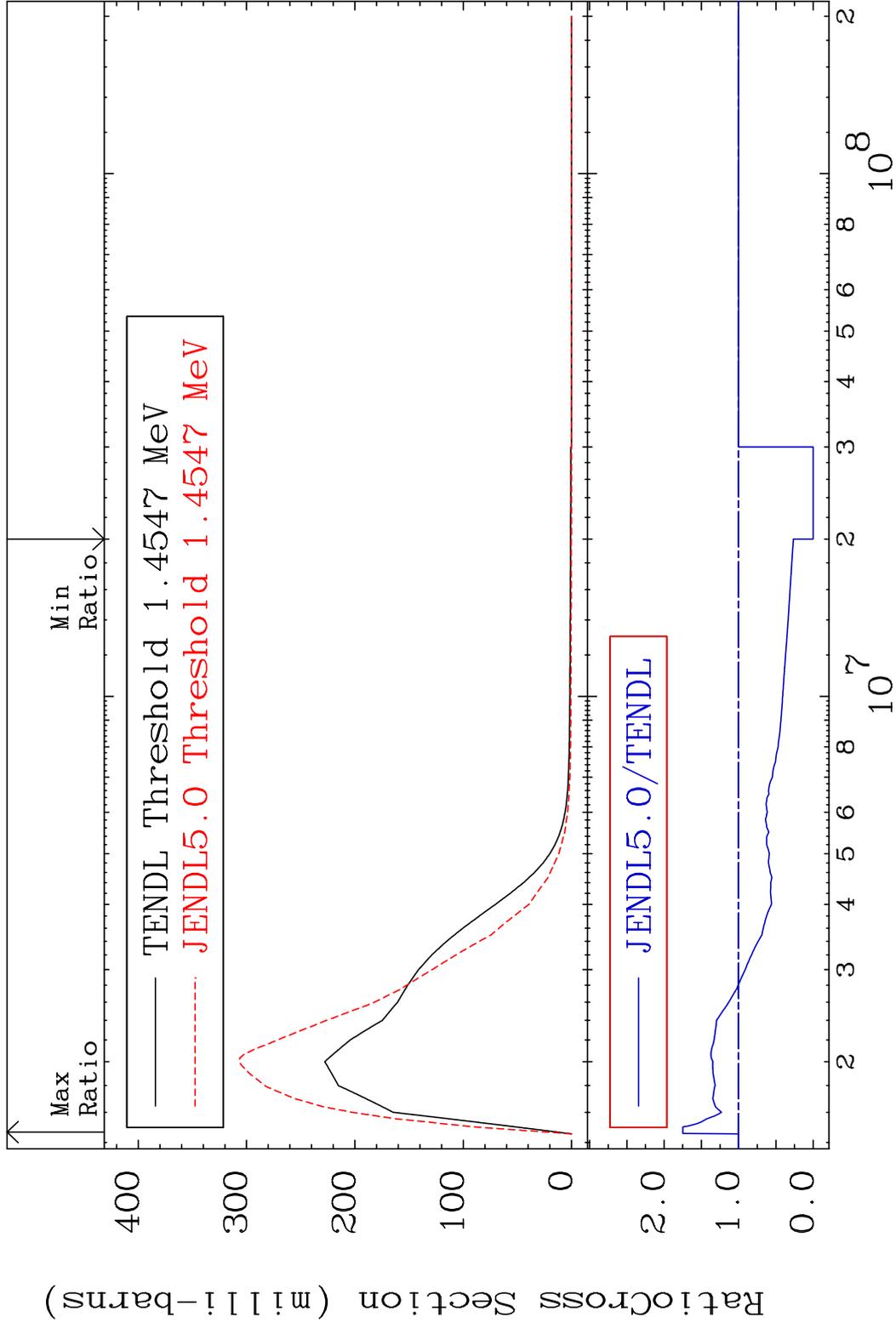
MAT 4643 MT= 55 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %



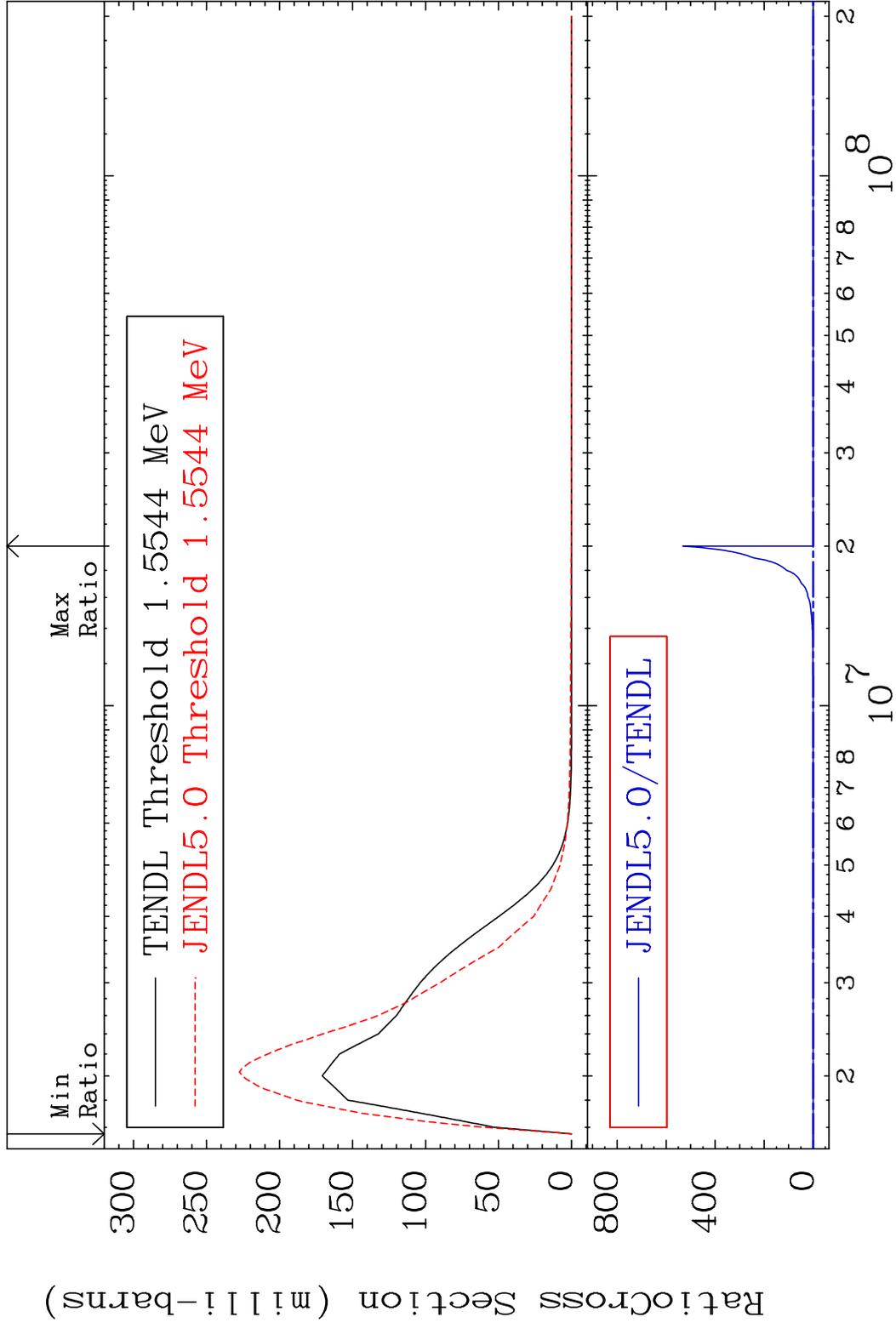
MAT 4643 MT= 56 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %



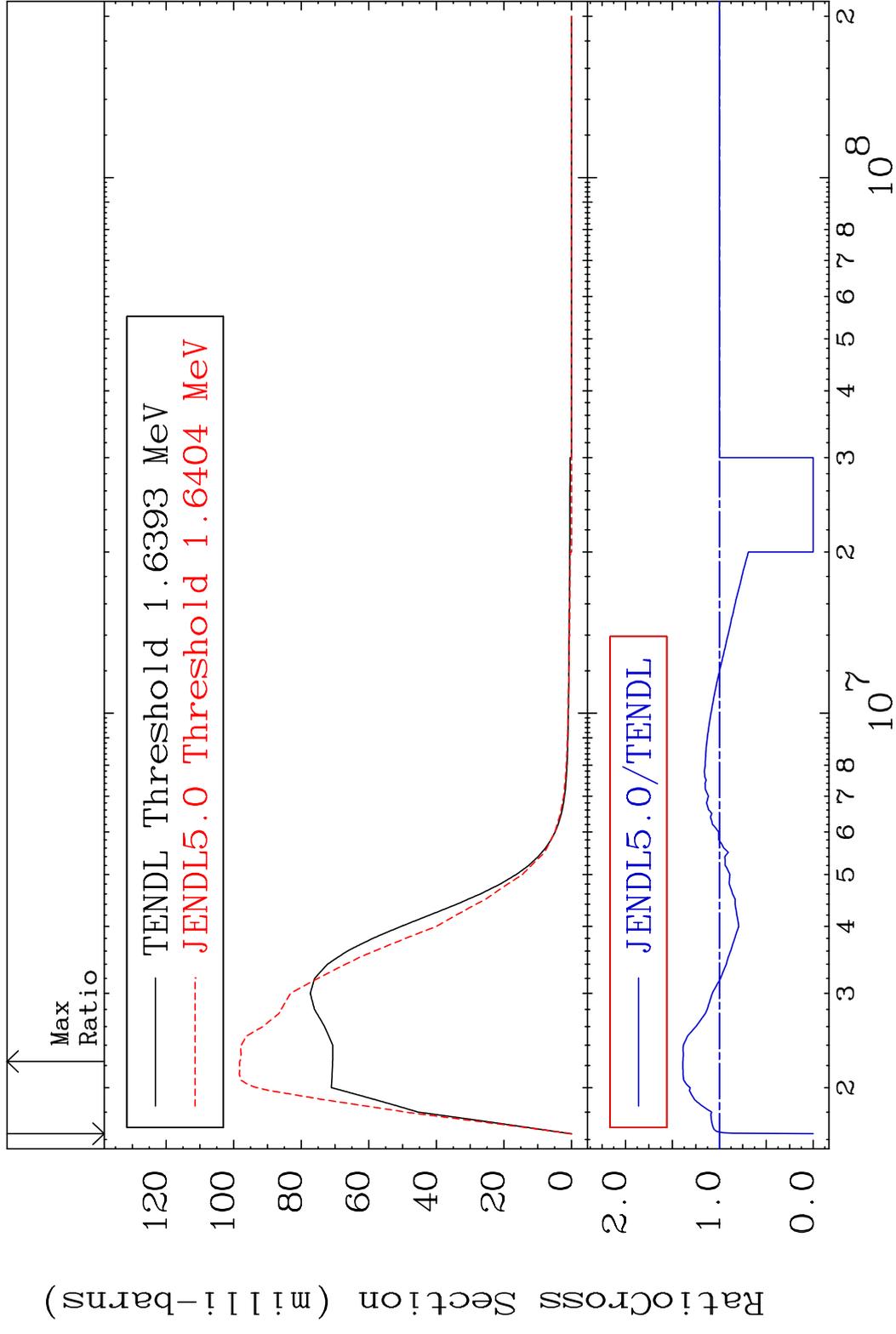
MAT 4643 MT= 57 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 74.88 %



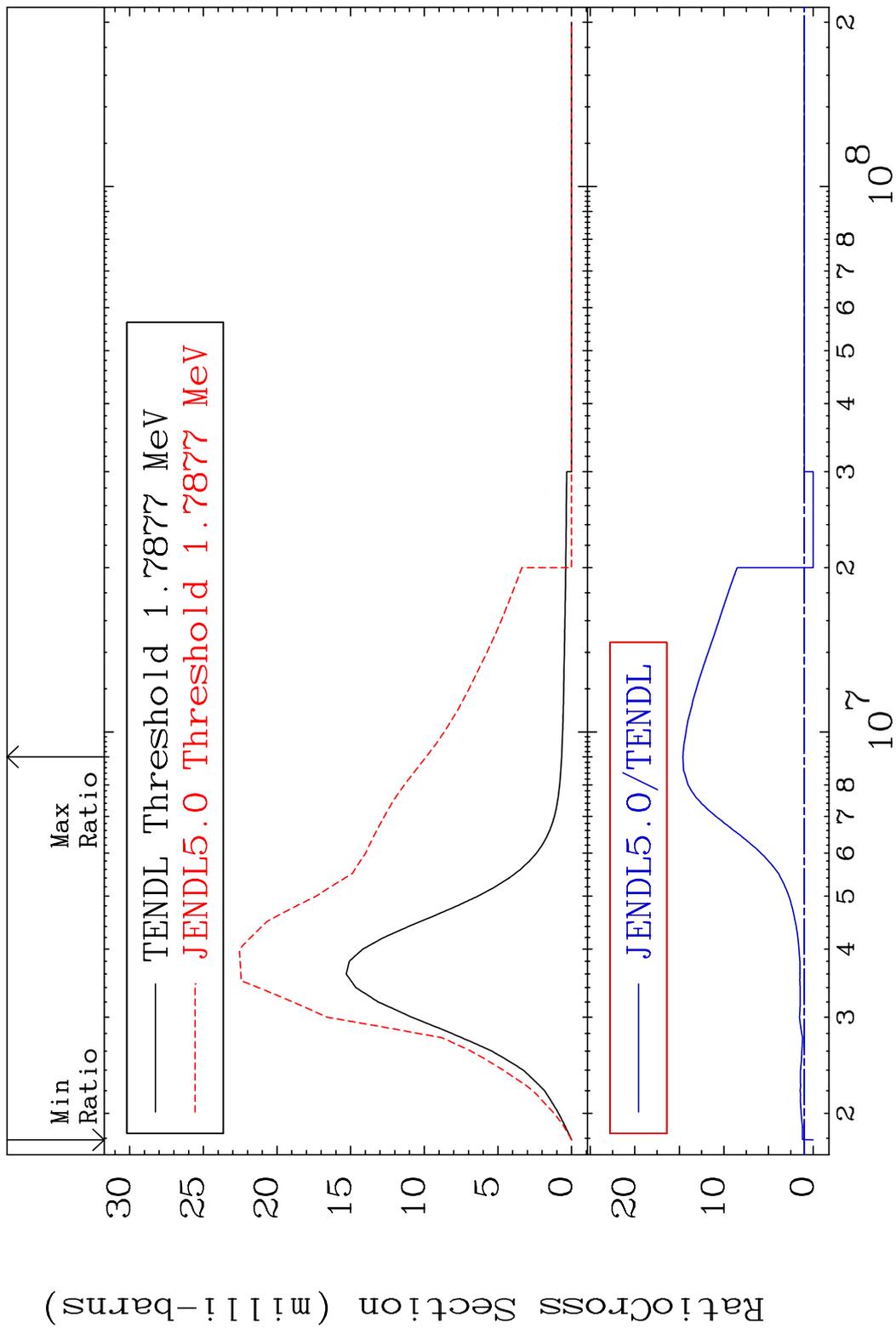
MAT 4643 MT= 58 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %



MAT 4643 MT= 59 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 38.89 %

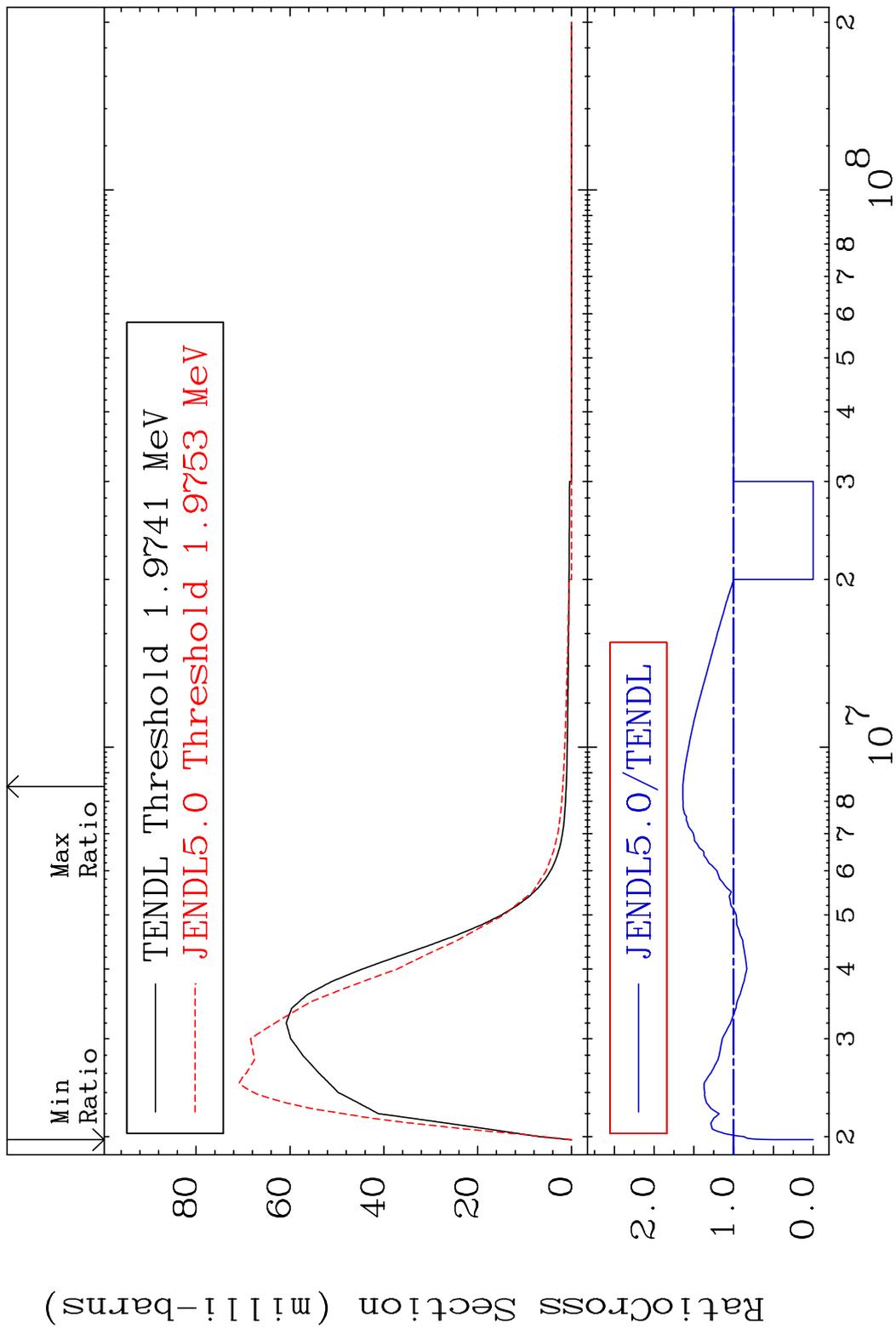


MAT 4643 MT= 60 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 1361. %

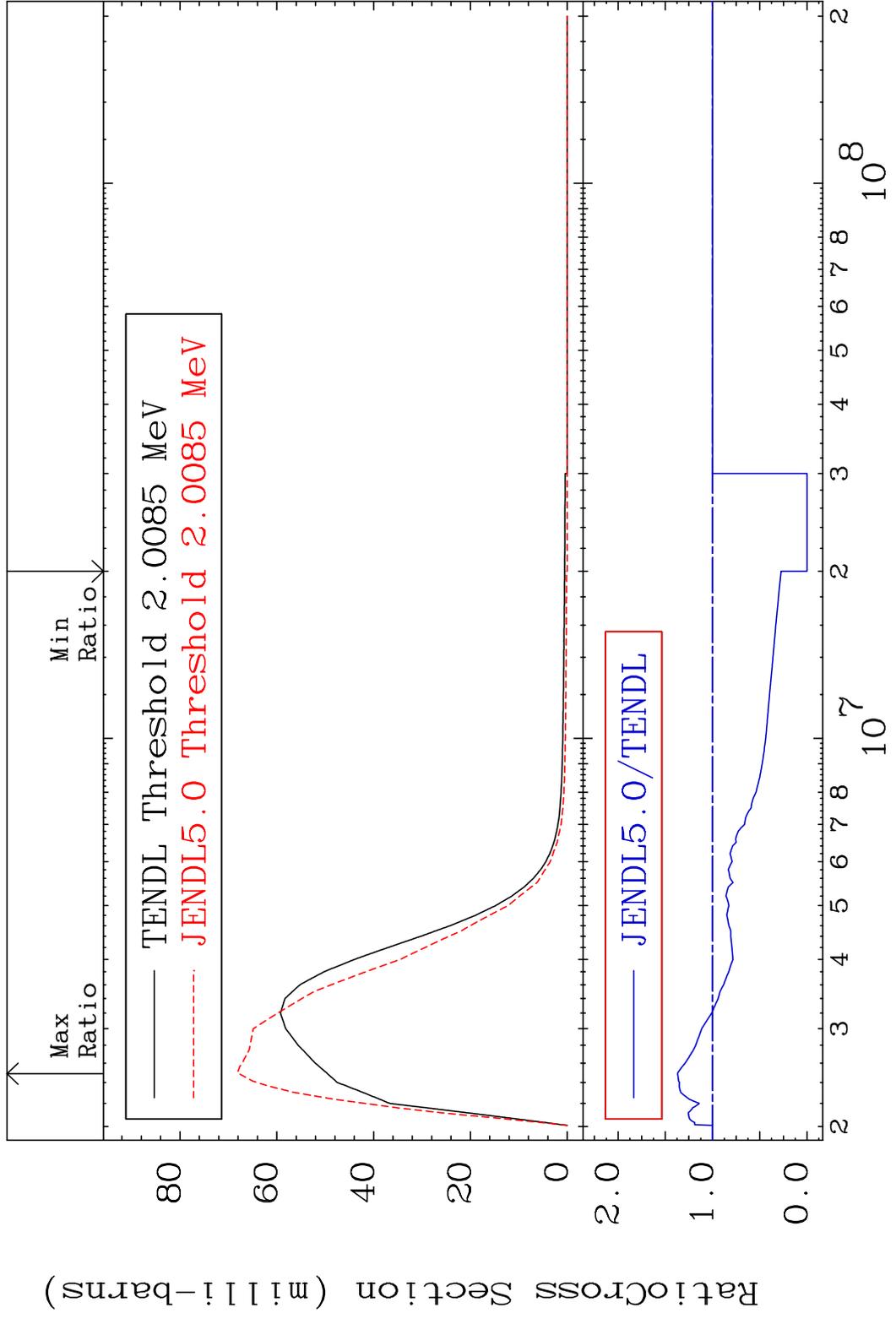


18 46-Pd-108

MAT 4643 MT= 61 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 63.86 %

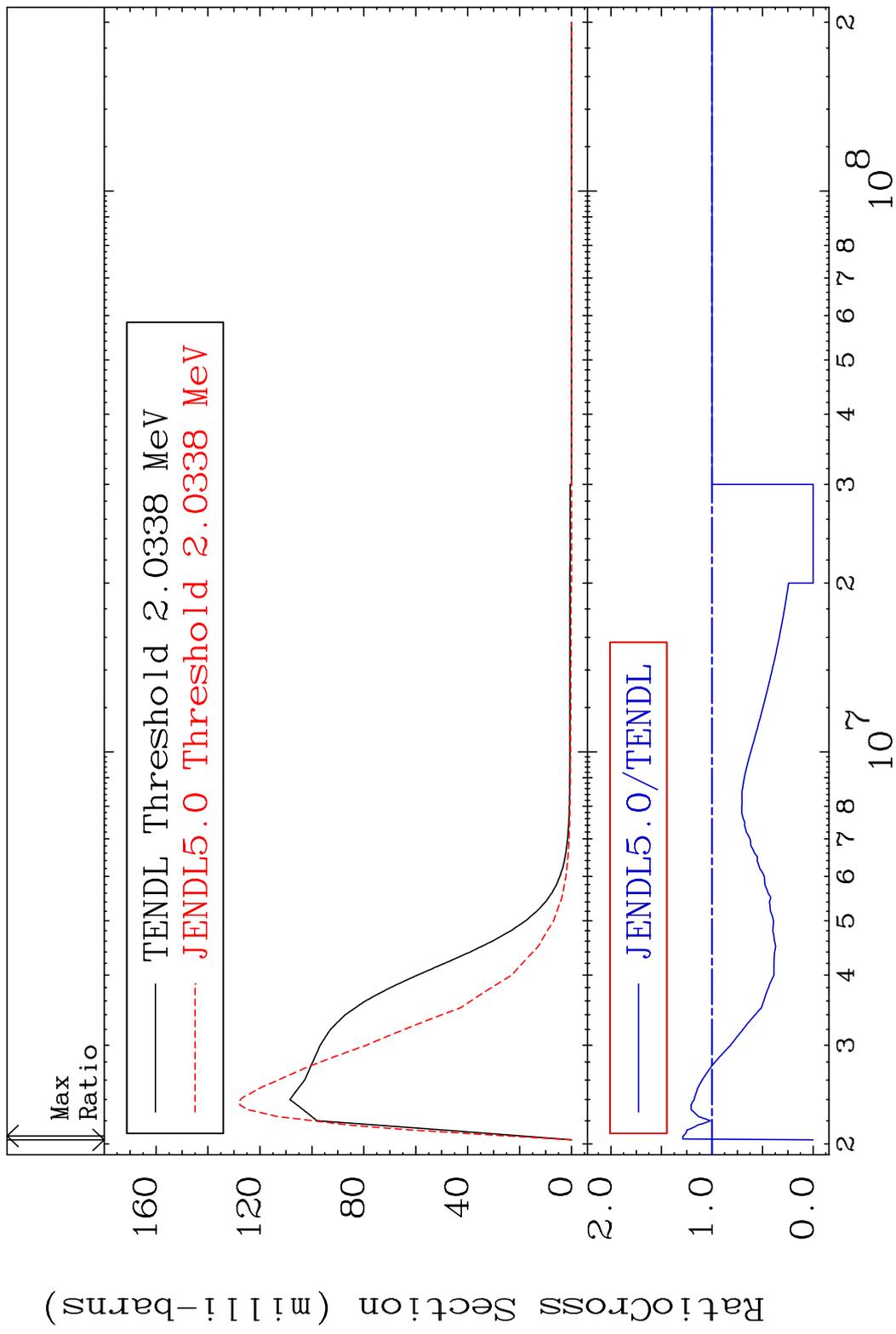


MAT 4643 MT= 62 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 36.89 %

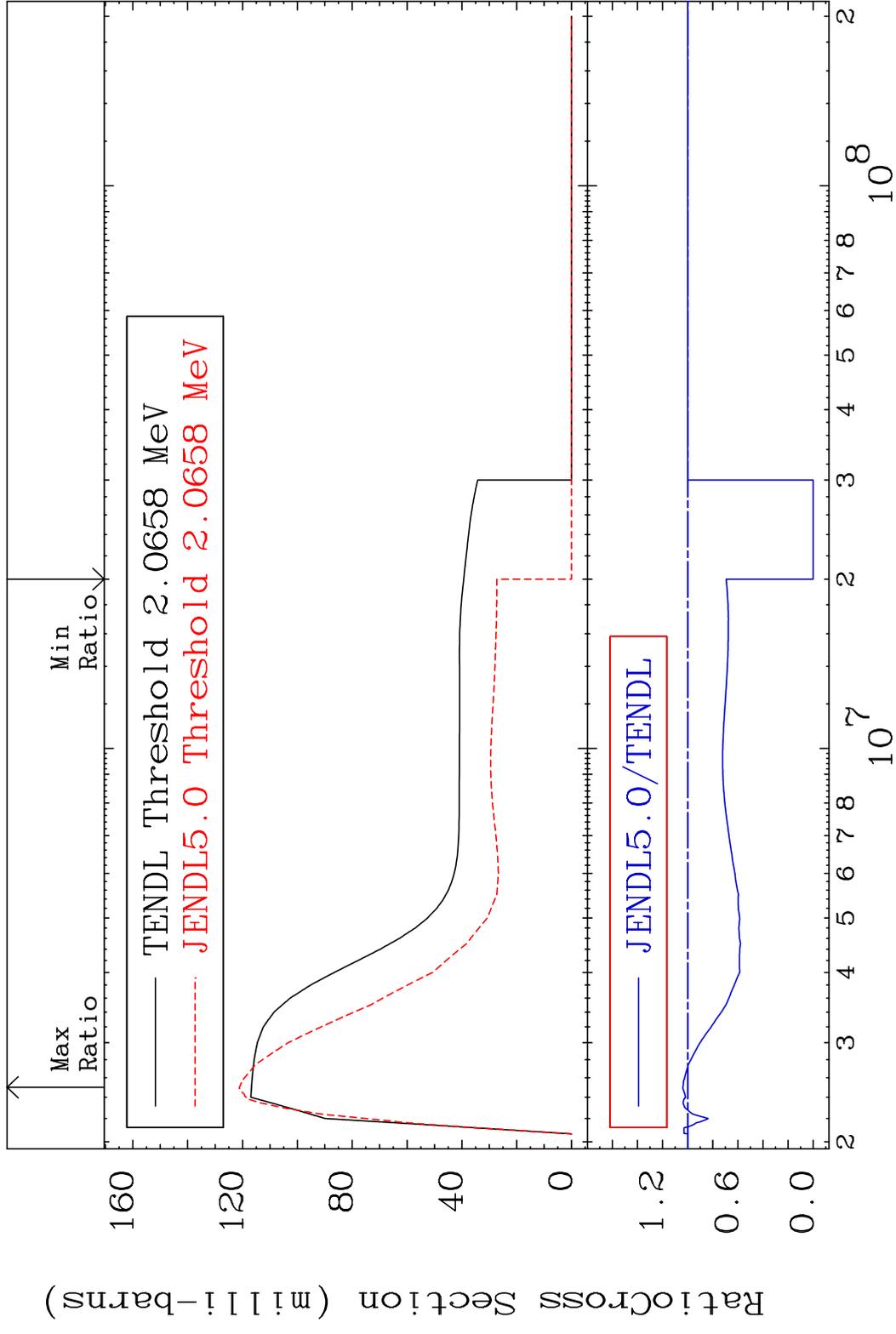


20

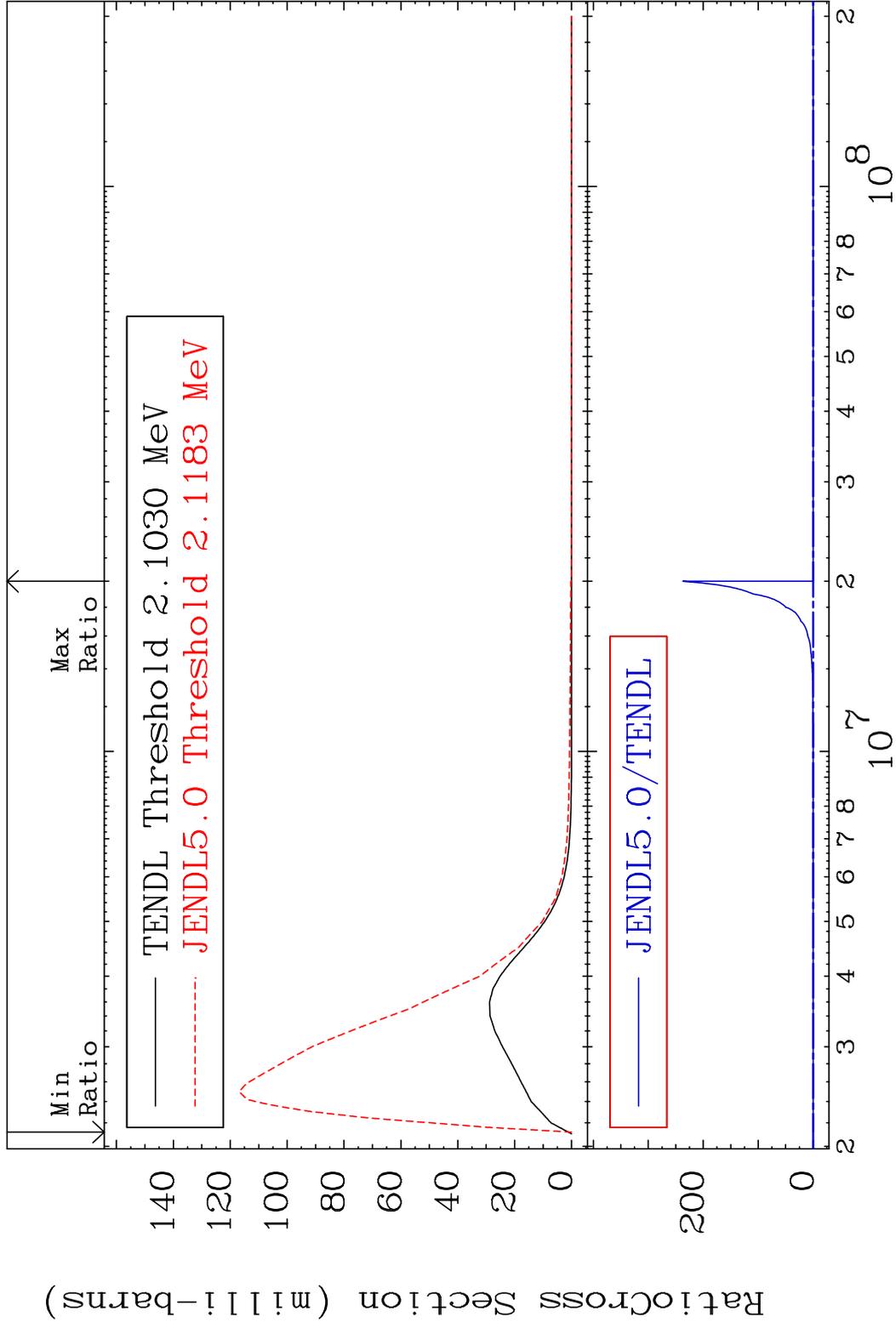
MAT 4643 MT= 63 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 28.92 %



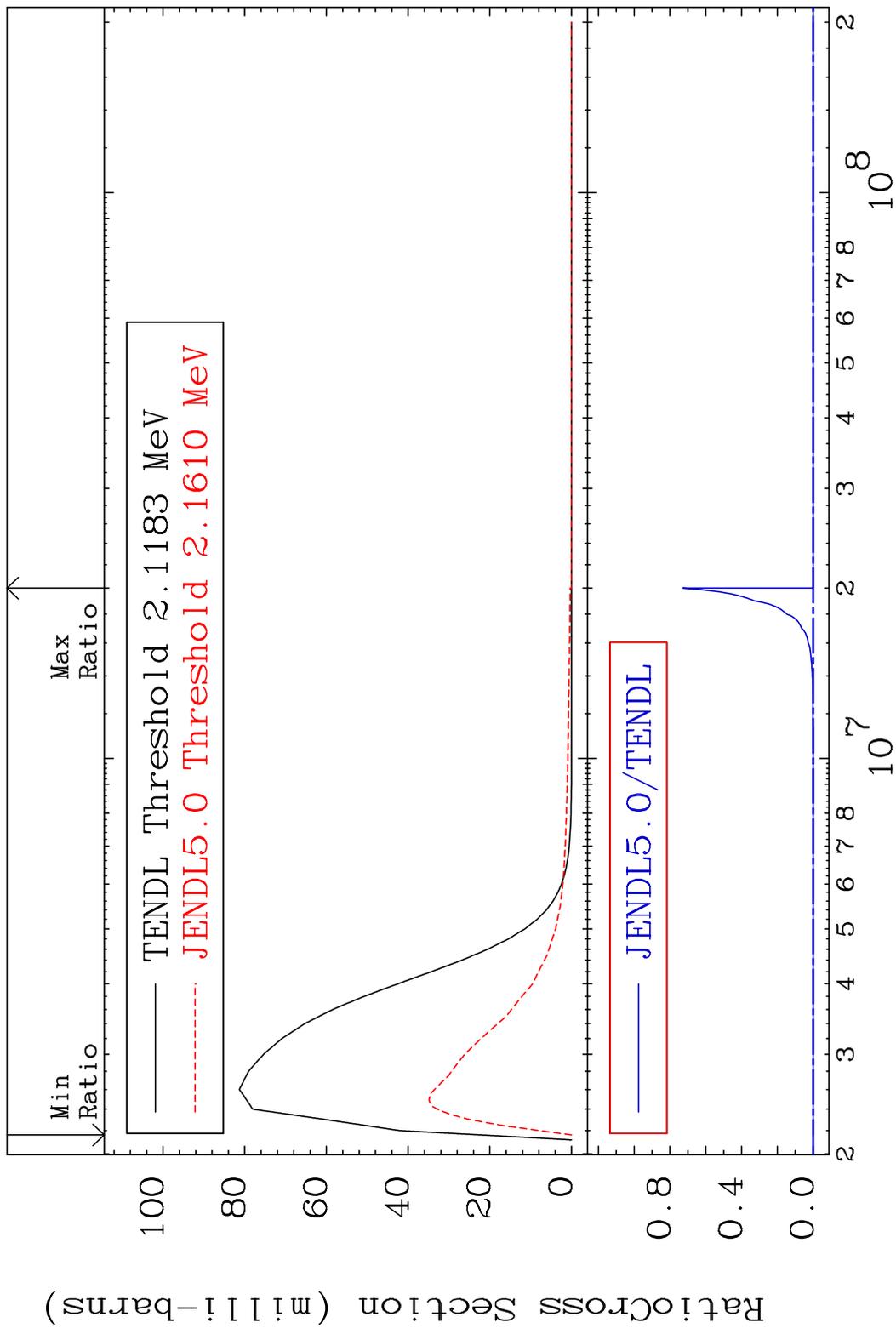
MAT 4643 MT= 64 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 3.776 %



MAT 4643 MT= 65 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %

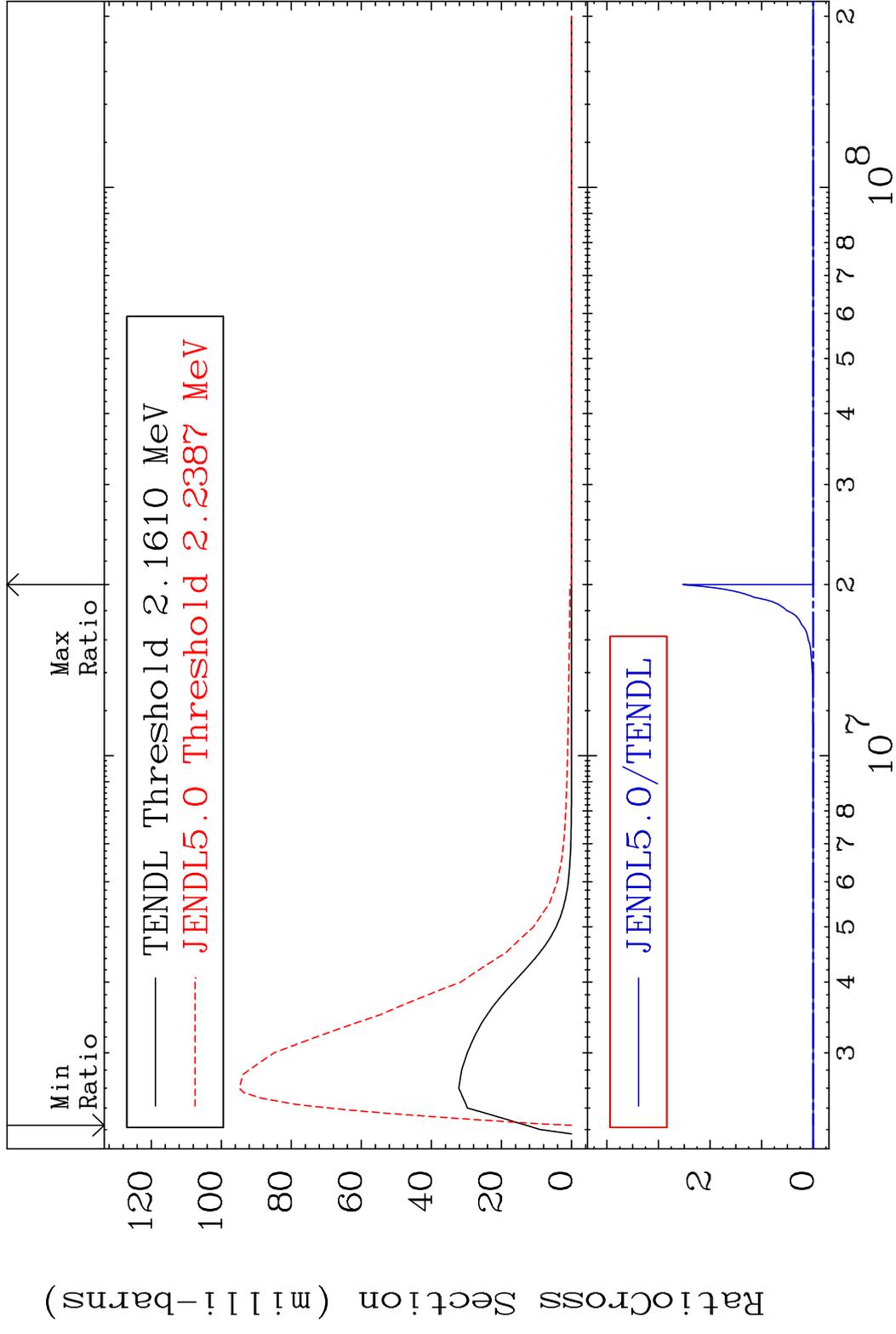


MAT 4643 MT= 66 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %

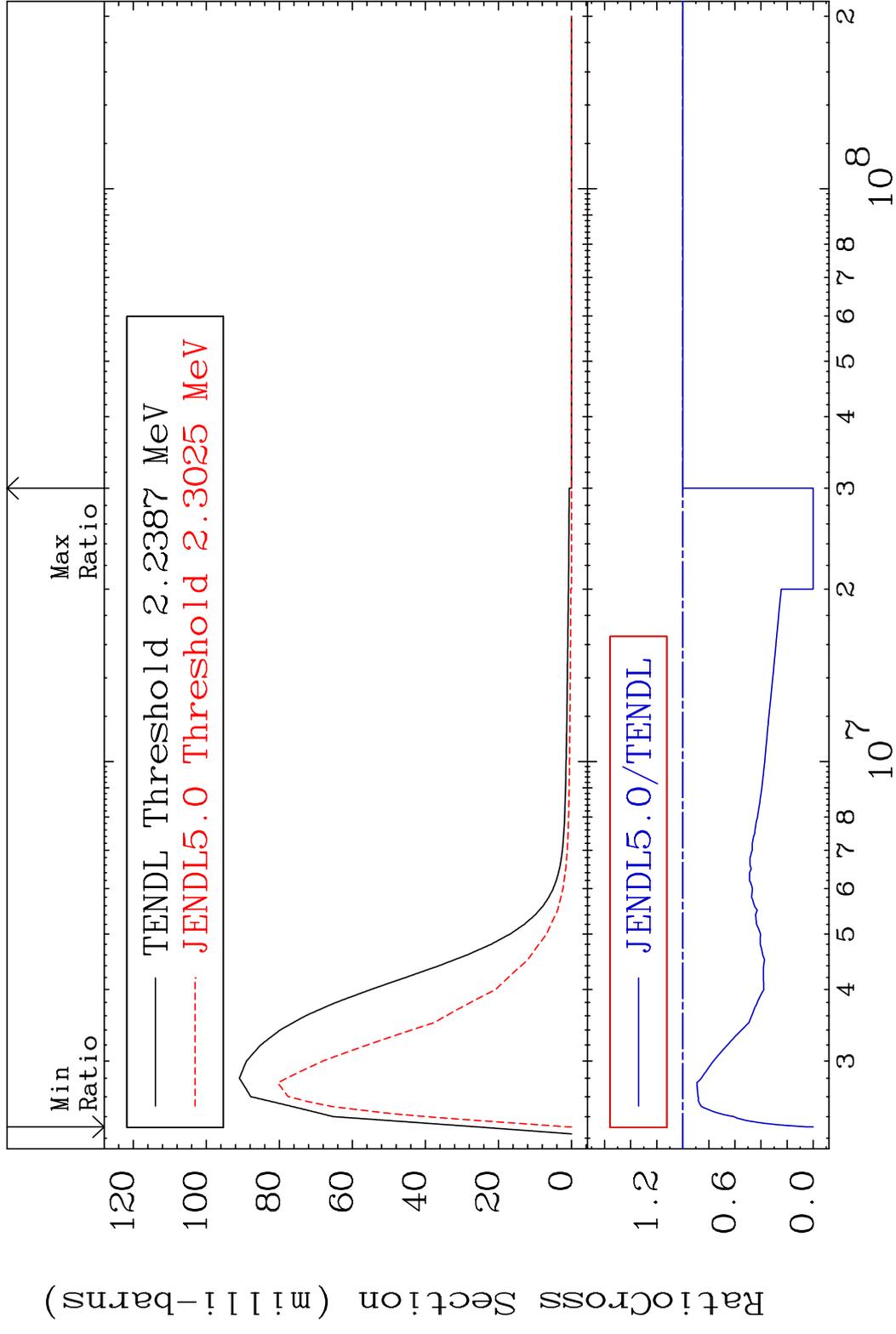


24 Incident Energy (eV) 46-Pd-108

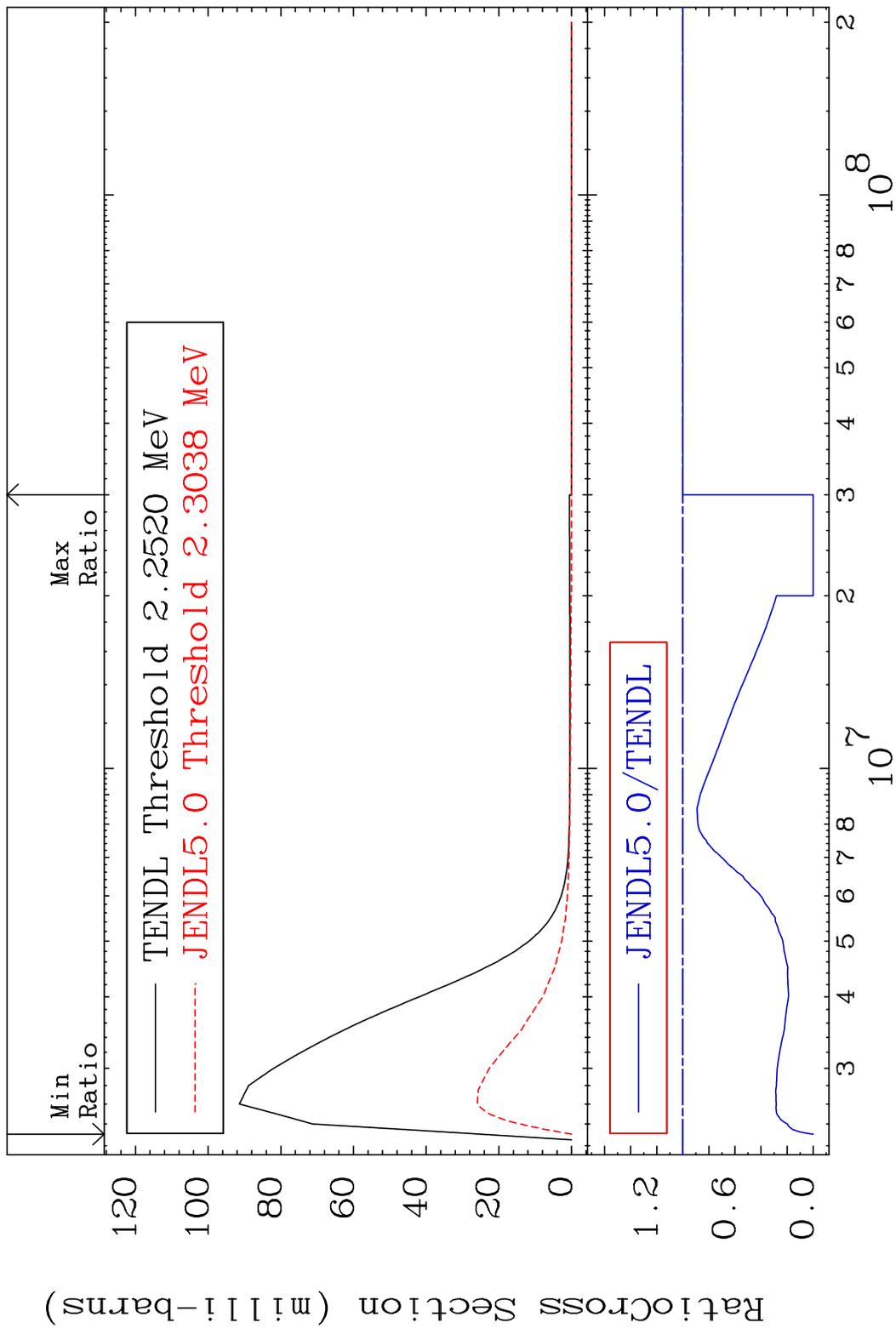
MAT 4643 MT= 67 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 9999. %



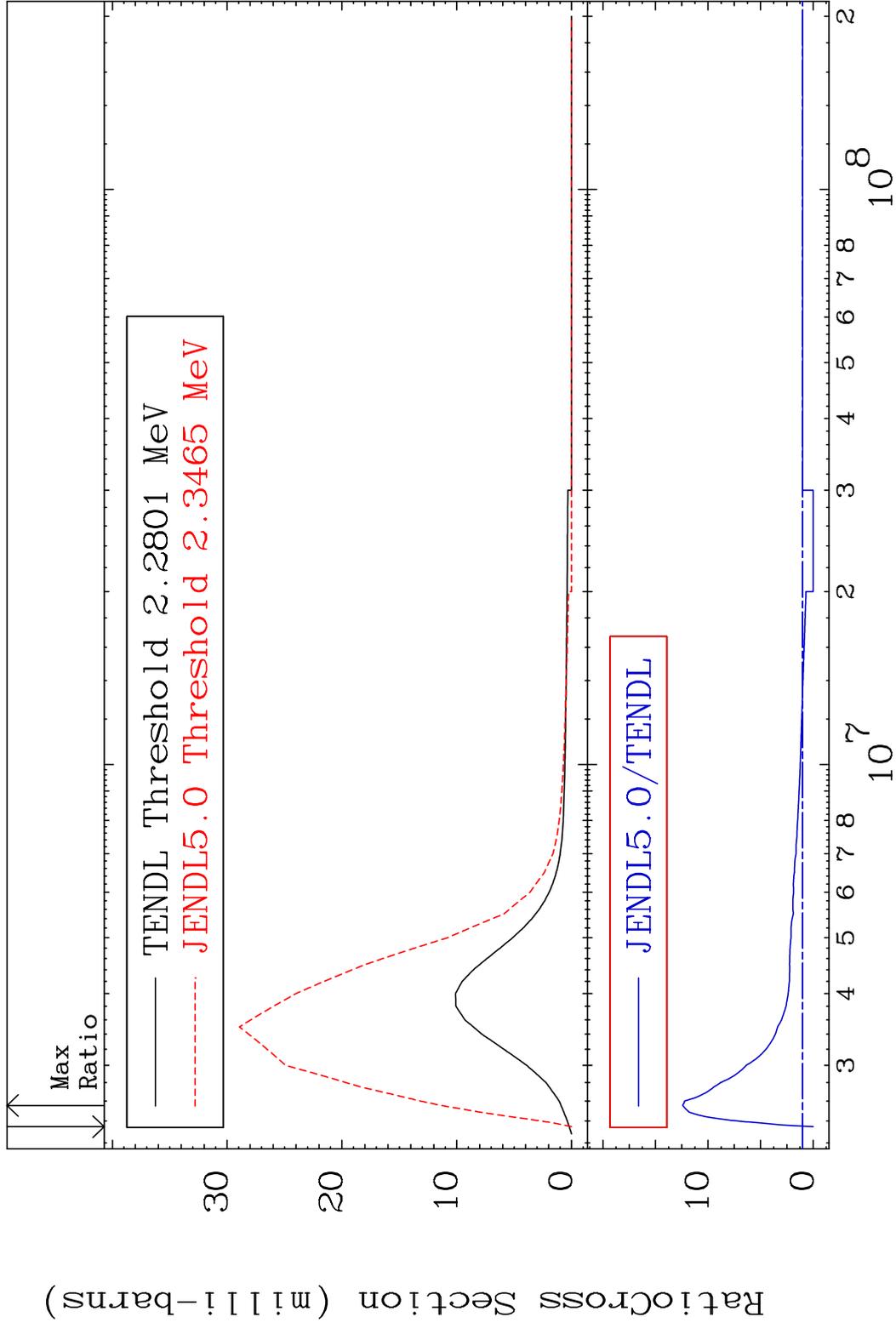
MAT 4643 MT= 68 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 0.000 %



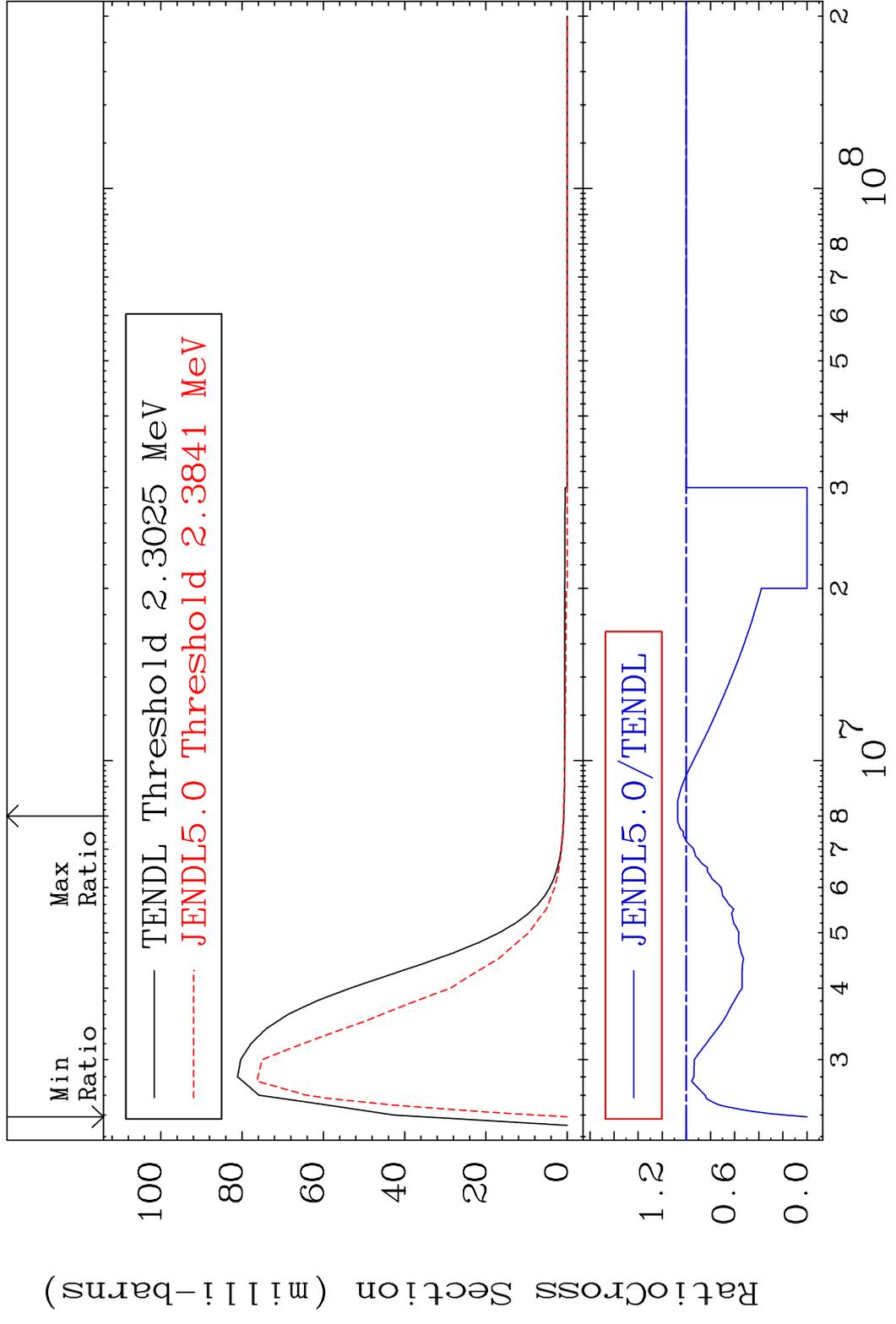
MAT 4643 MT= 69 (n, n') Level 46-Pd-108  
 Cross Section -100.0 To 0.000 %



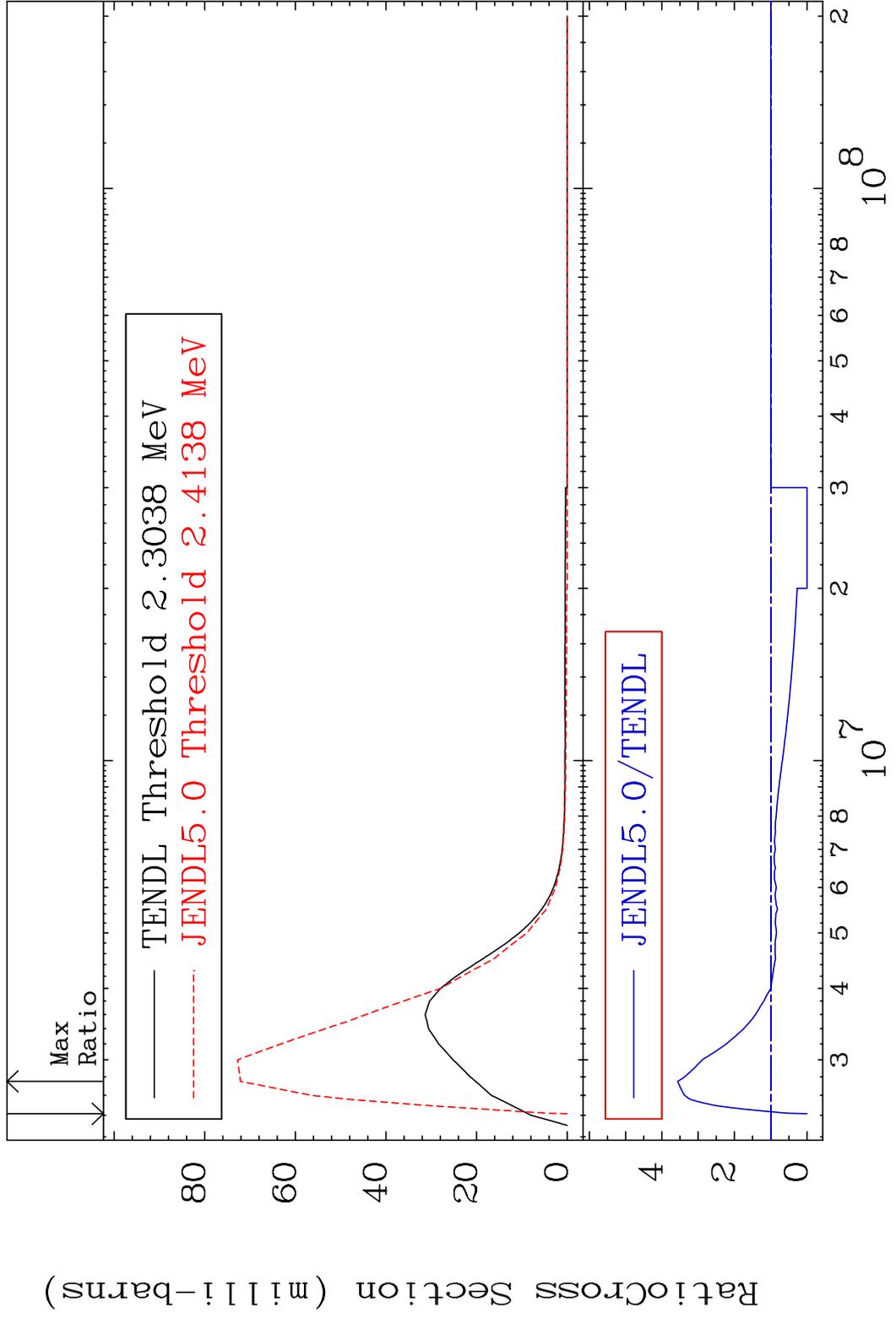
MAT 4643 MT= 70 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 1140. %



MAT 4643 MT= 71 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 7.246 %



MAT 4643 MT= 72 (n,n') Level 46-Pd-108  
 Cross Section -100.0 To 256.4 %

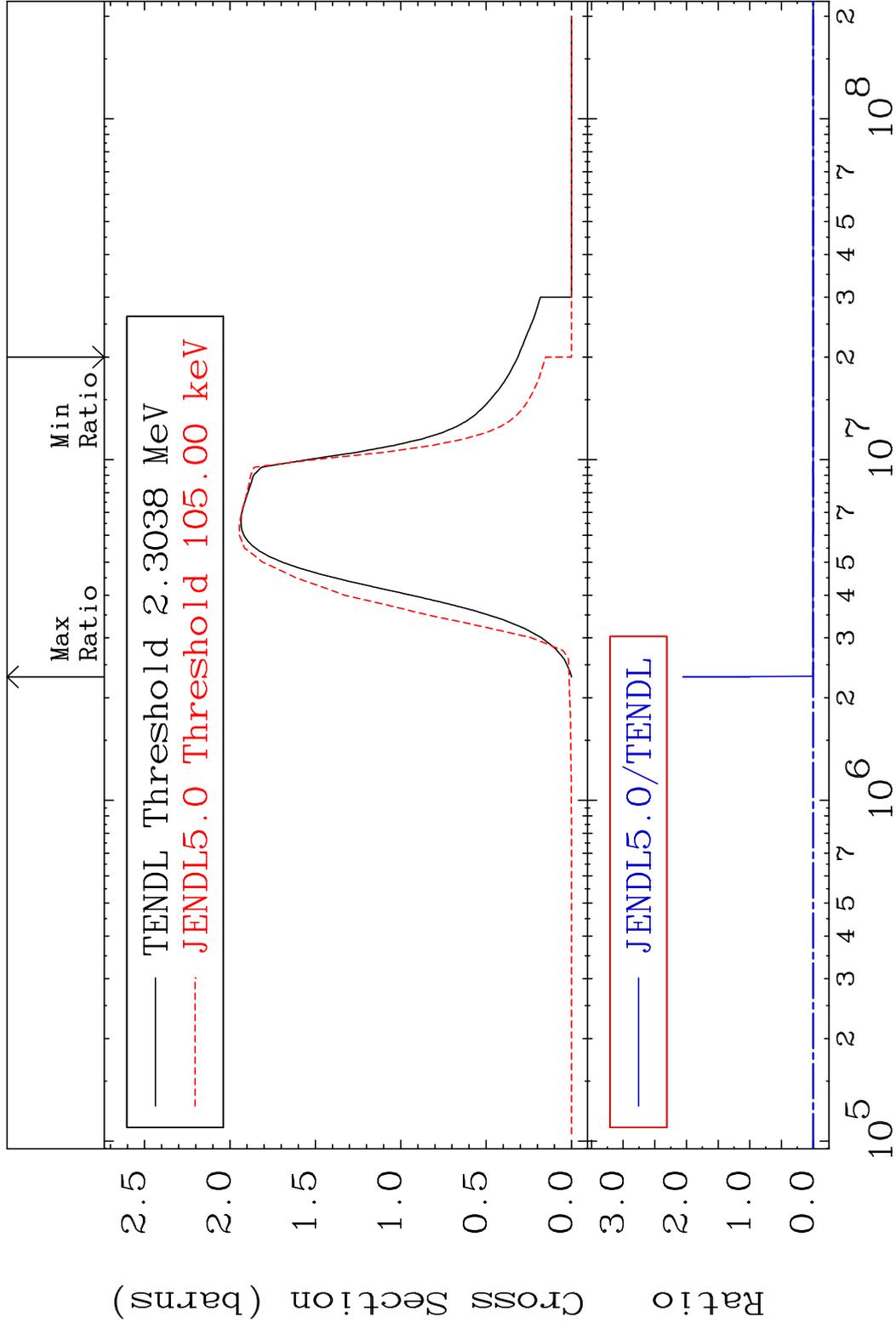


MAT 4643

(n, n') Continuum

46-Pd-108

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

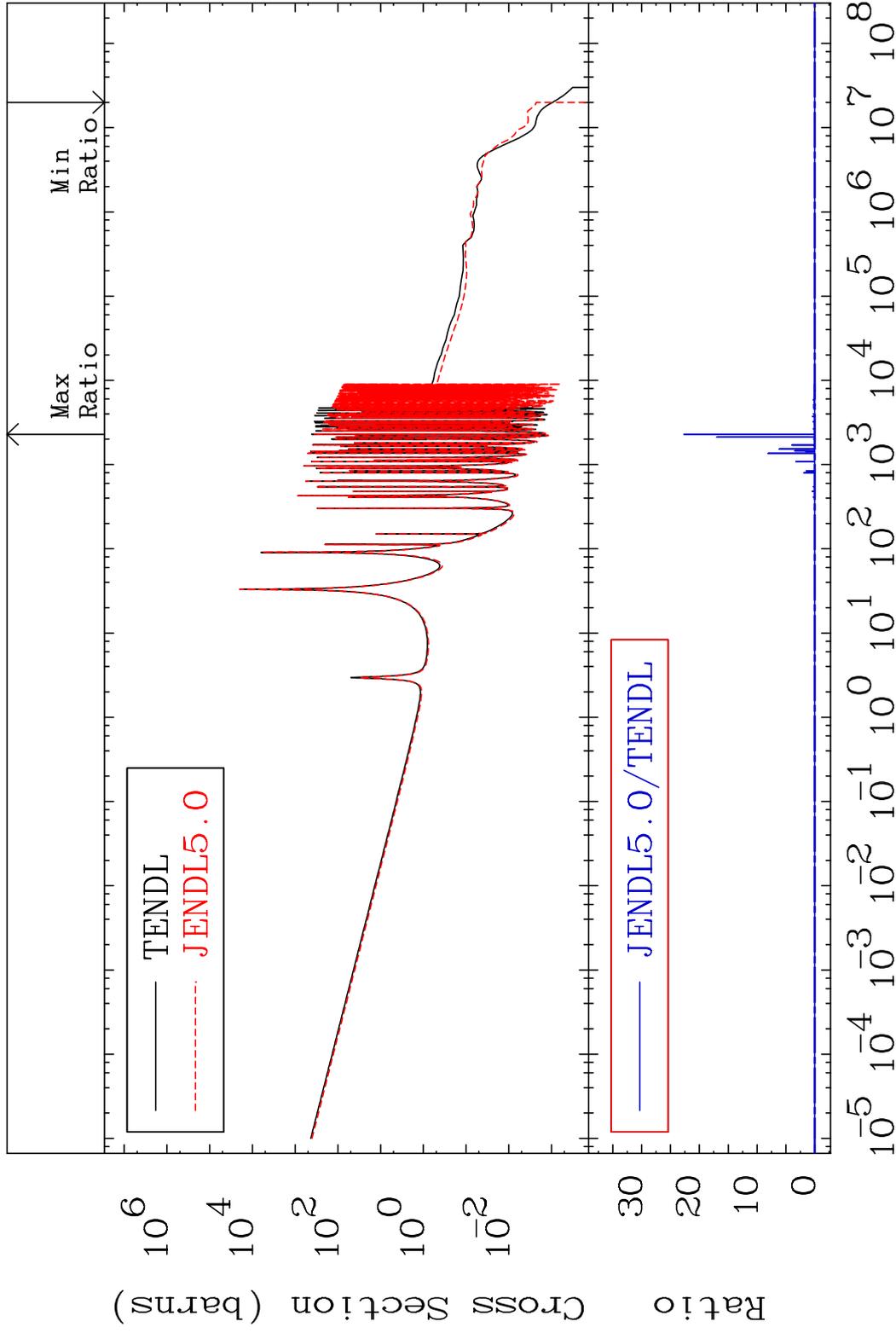
46-Pd-108

MAT 4643

(n,  $\gamma$ )

46-Pd-108

Cross Section -100.0 To 9999. %

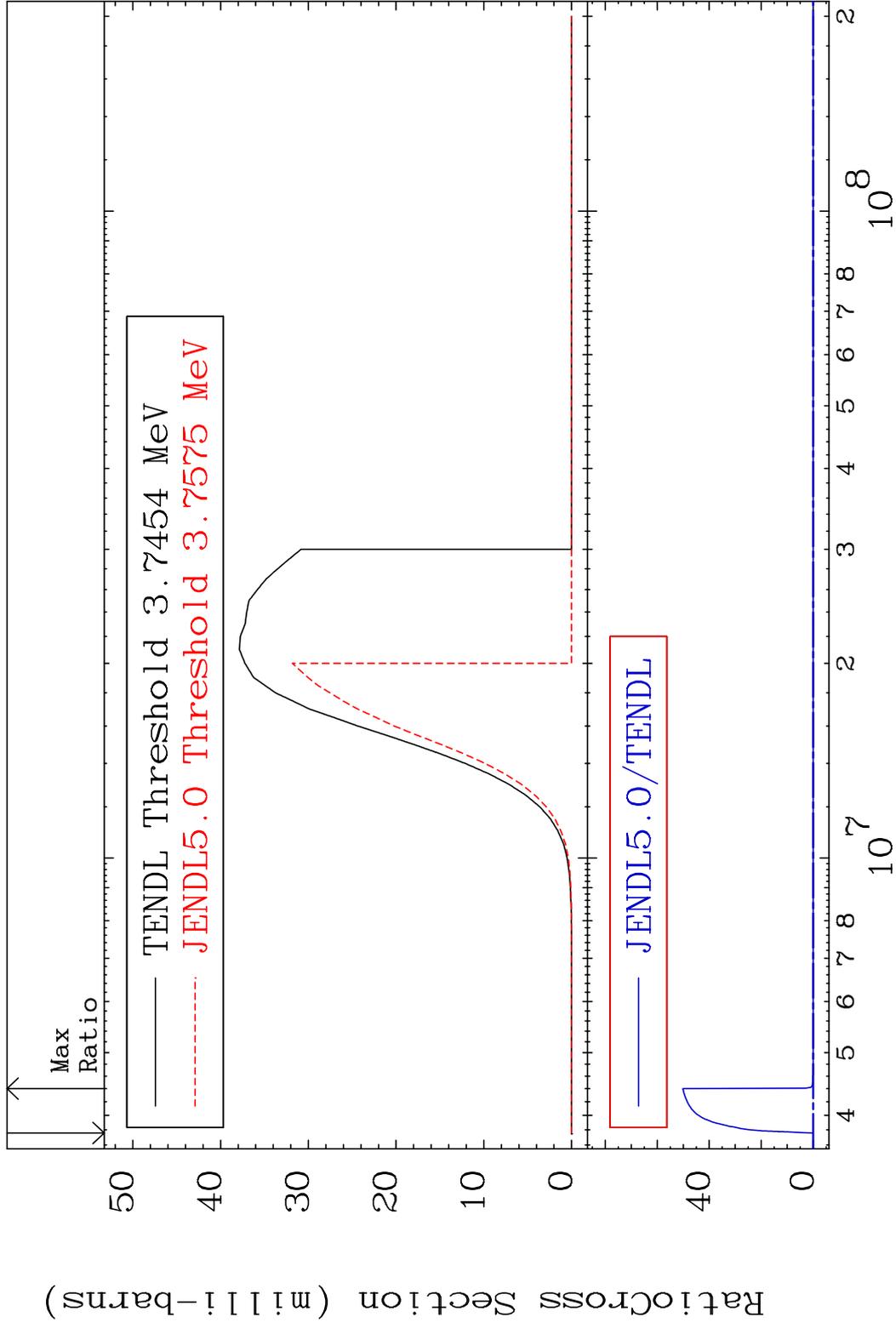


32

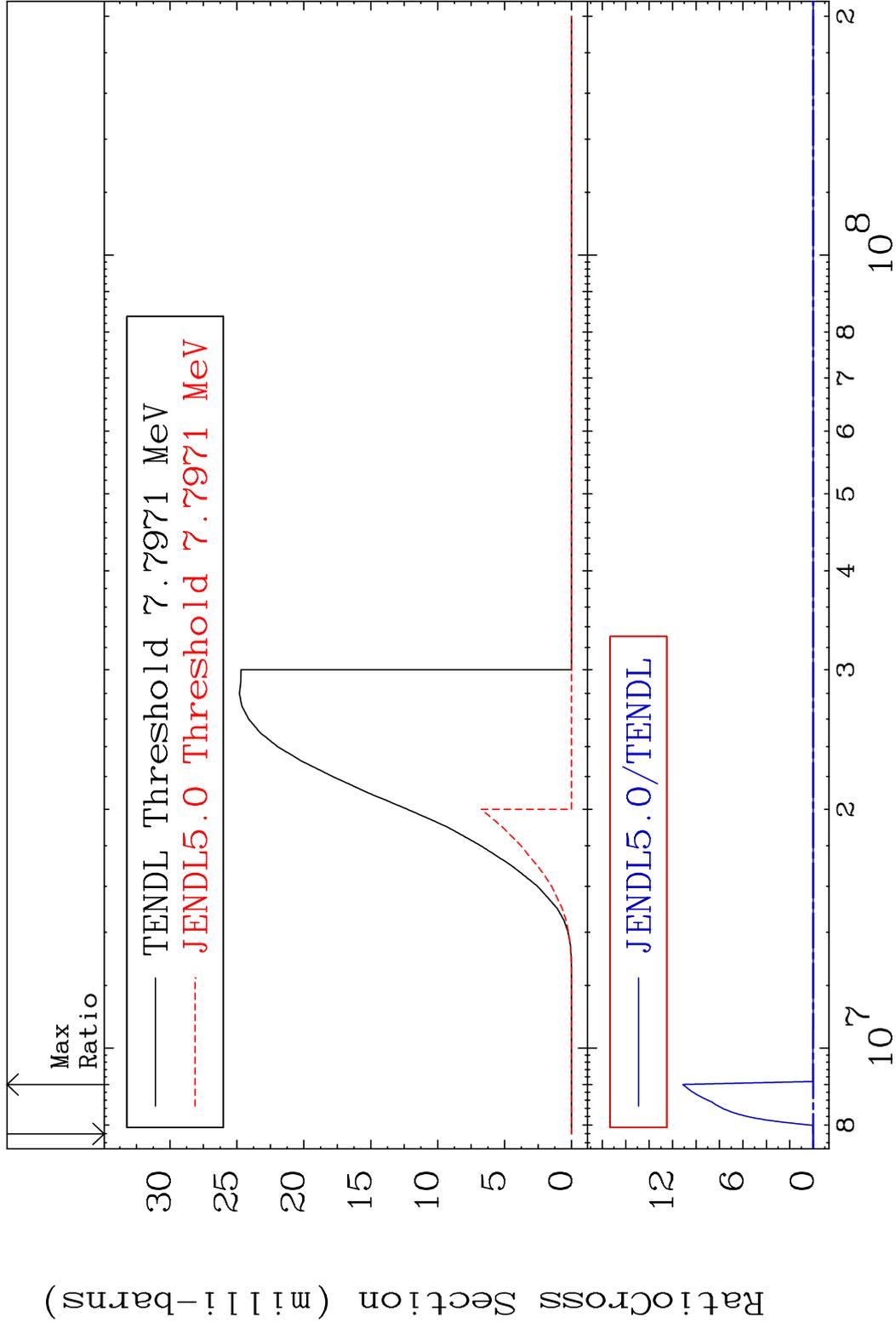
Incident Energy (eV)

46-Pd-108

MAT 4643 (n,p) 46-Pd-108  
 Cross Section -100.0 To 9999. %



MAT 4643 (n,d) 46-Pd-108  
 Cross Section -100.0 To 9999. %

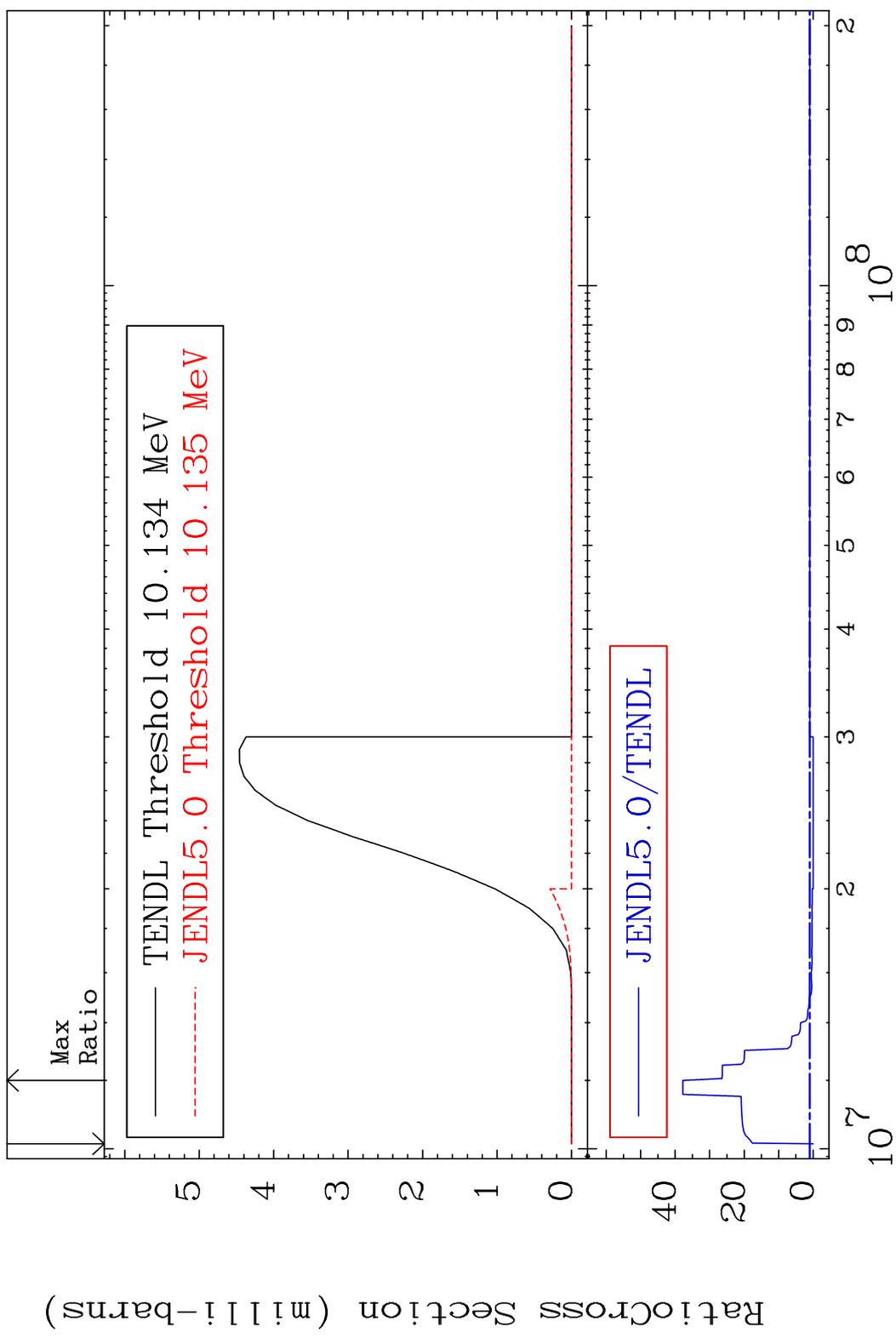


MAT 4643

(n, t)

46-Pd-108

Cross Section -100.0 To 3678. %



35

Incident Energy (eV)

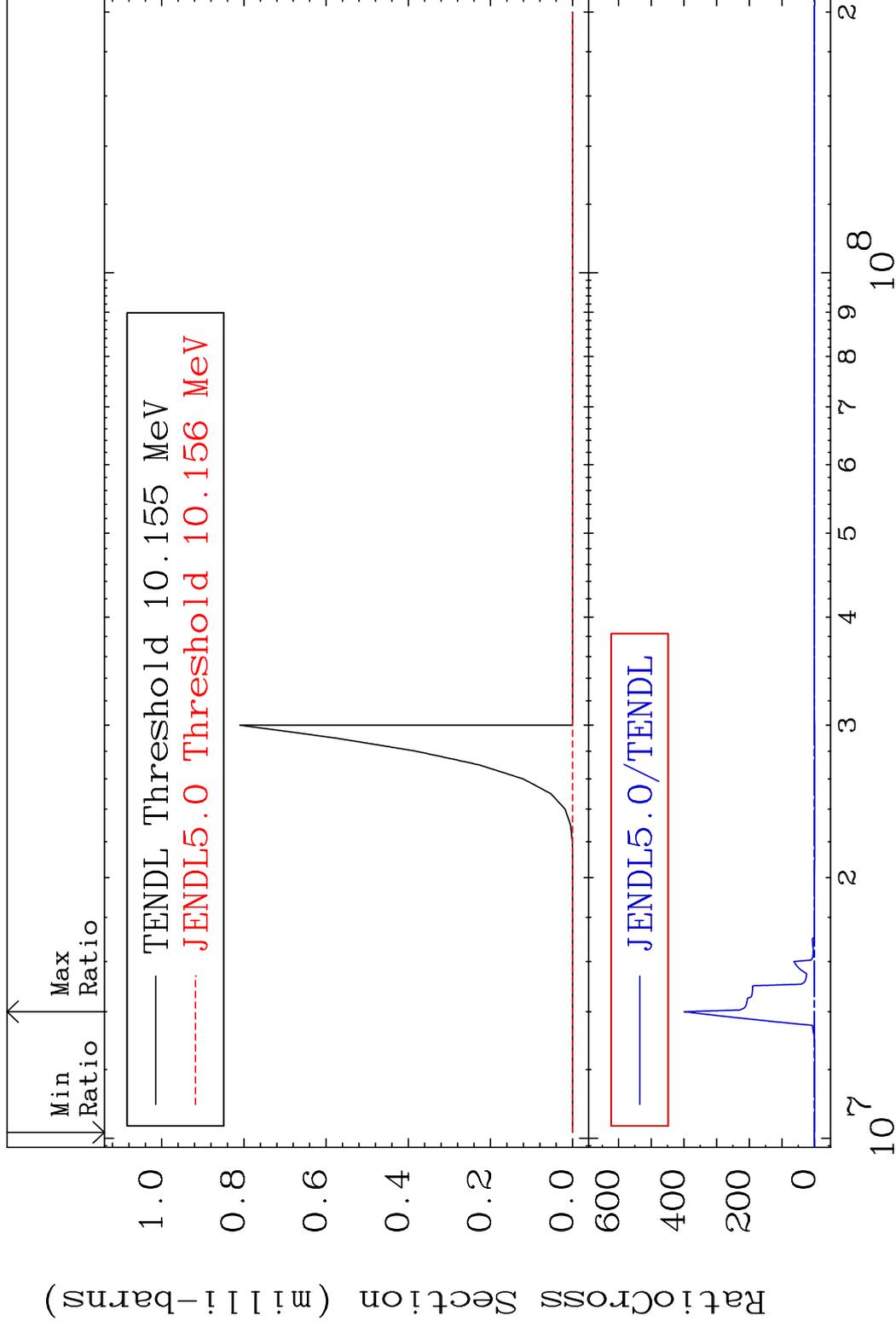
46-Pd-108

MAT 4643

(n, He-3)

46-Pd-108

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

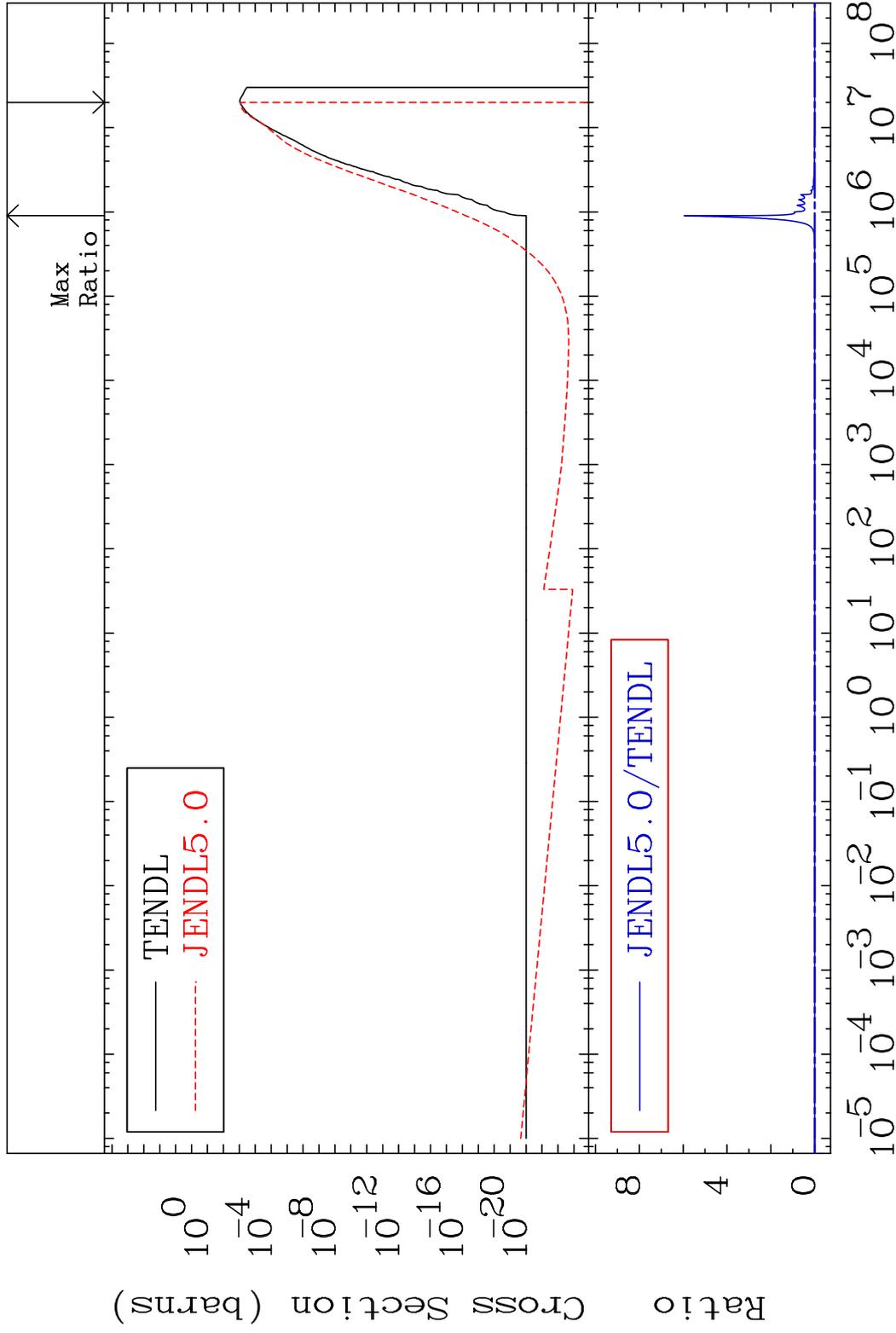
46-Pd-108

MAT 4643

(n,  $\alpha$ )

46-Pd-108

Cross Section -100.0 To 9999. %

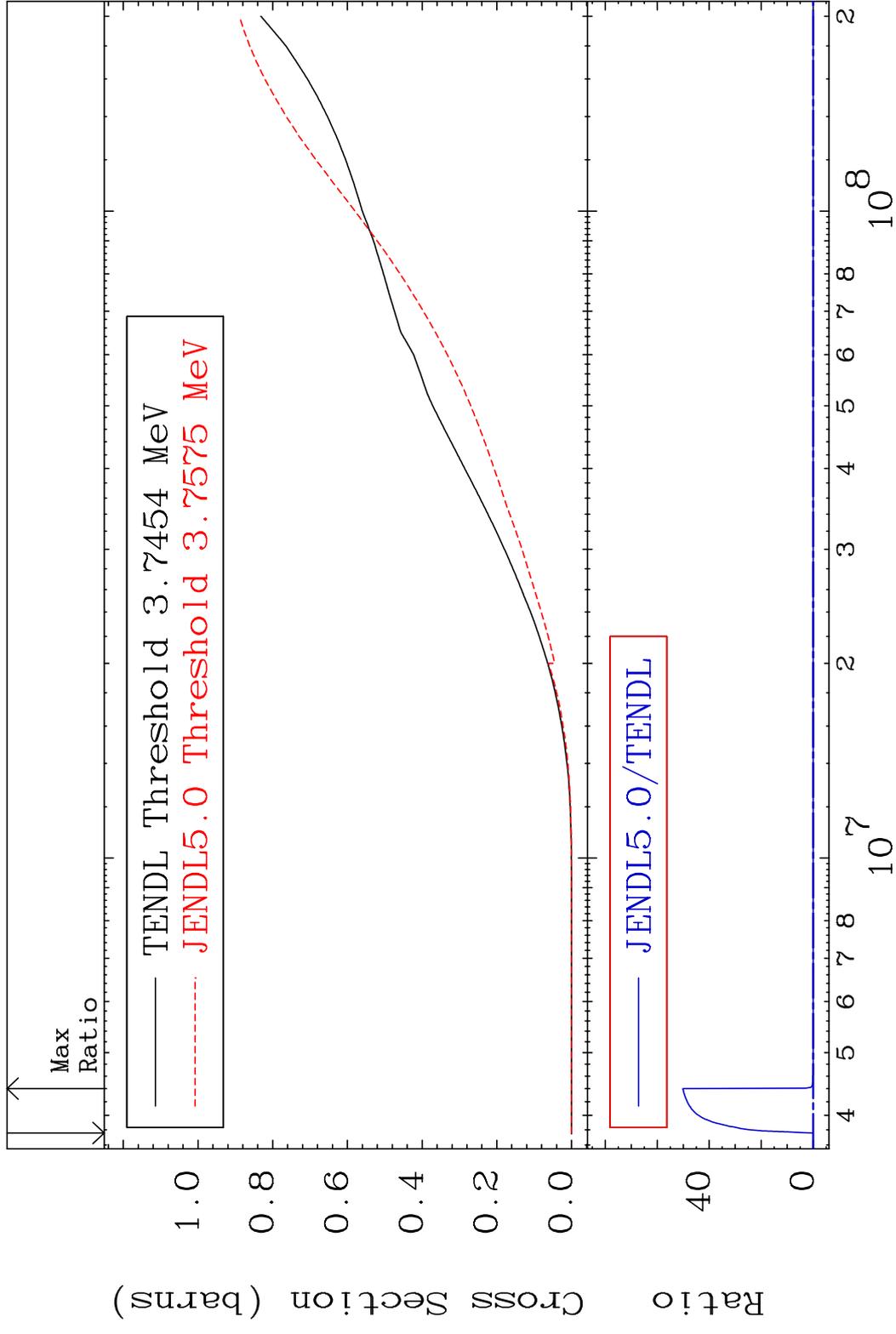


37

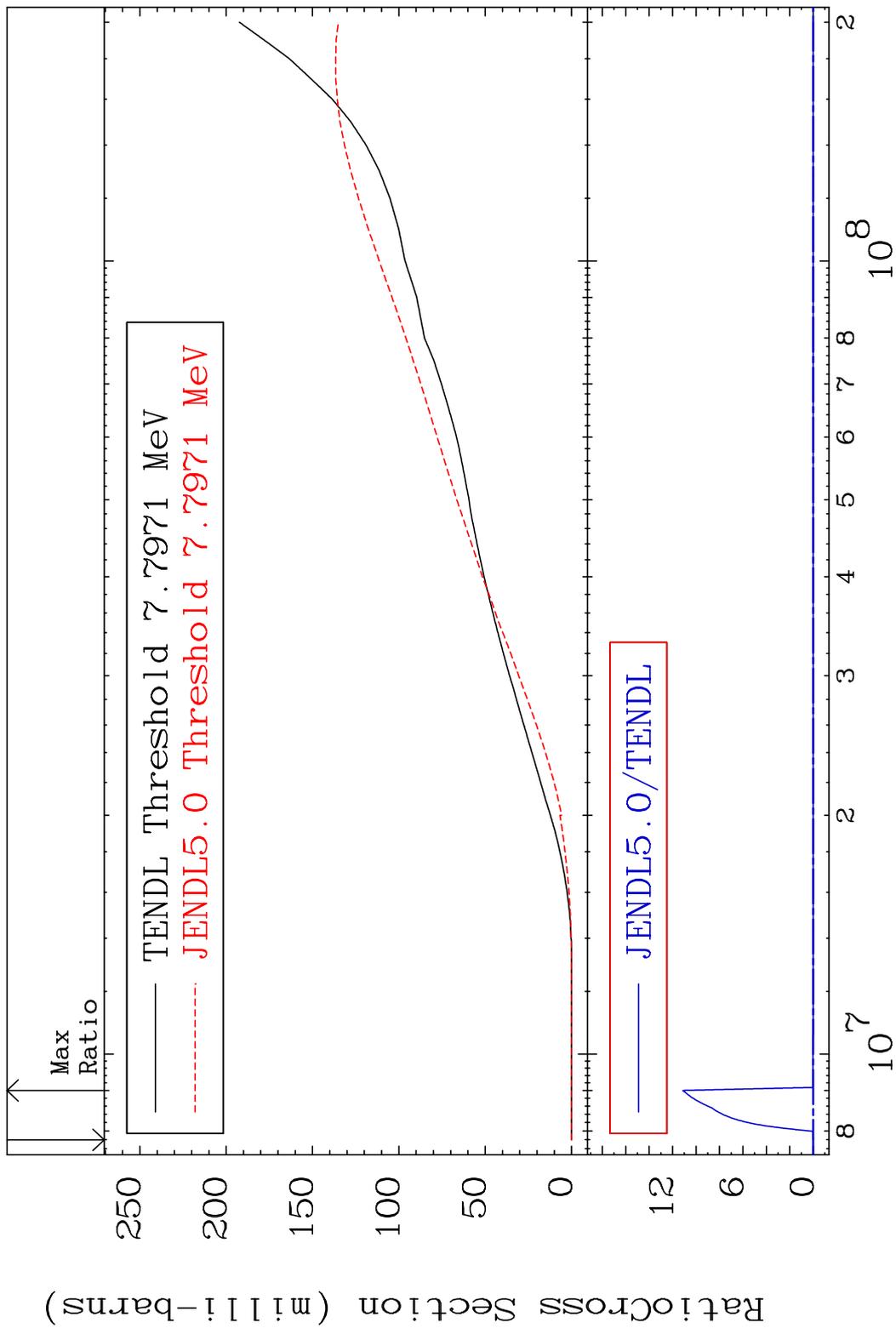
Incident Energy (eV)

46-Pd-108

MAT 4643 Hydrogen Production 46-Pd-108  
 Cross Section -100.0 To 9999. %

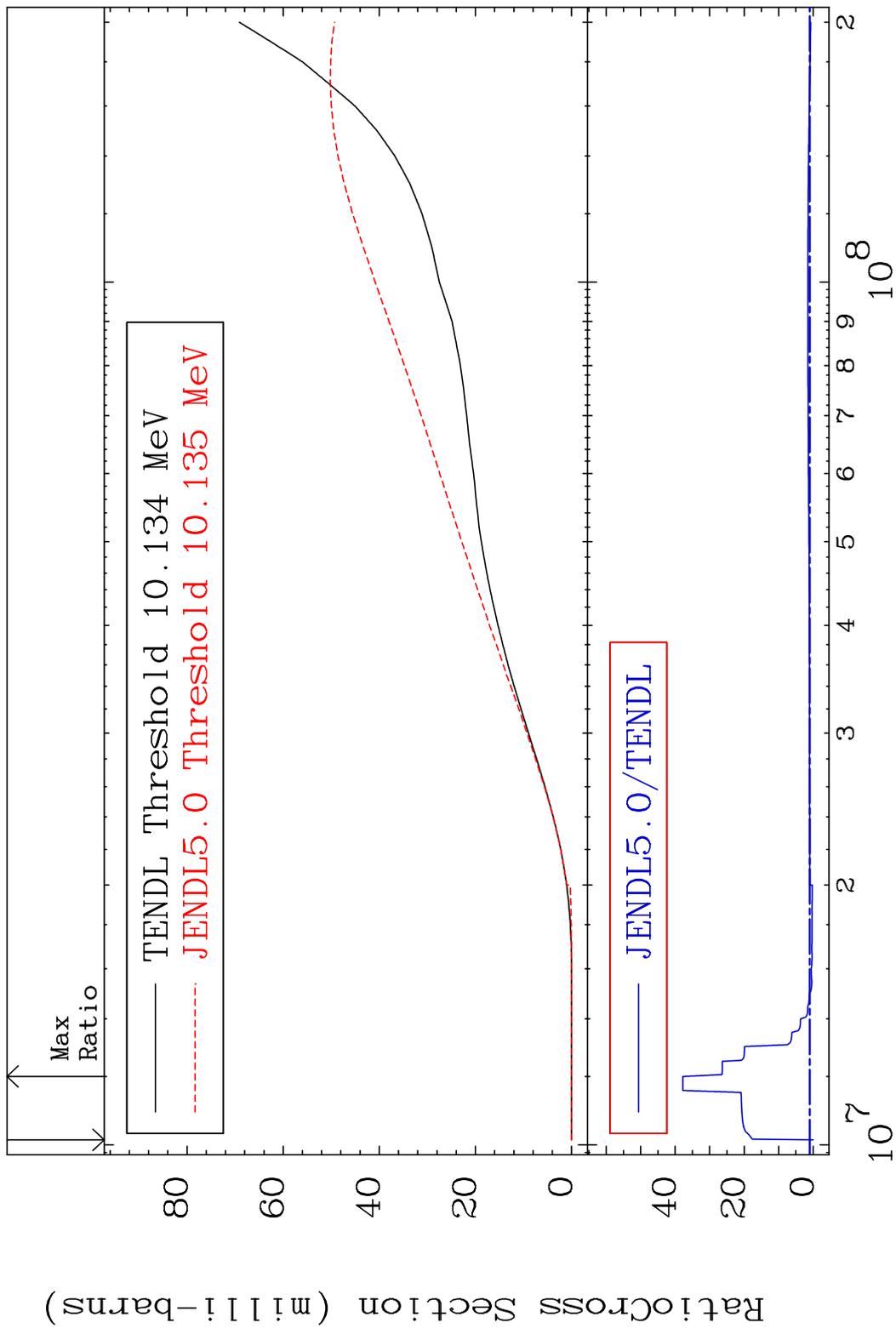


MAT 4643 Deuterium Production 46-Pd-108  
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 46-Pd-108

MAT 4643 Tritium Production 46-Pd-108  
Cross Section -100.0 To 3678. %



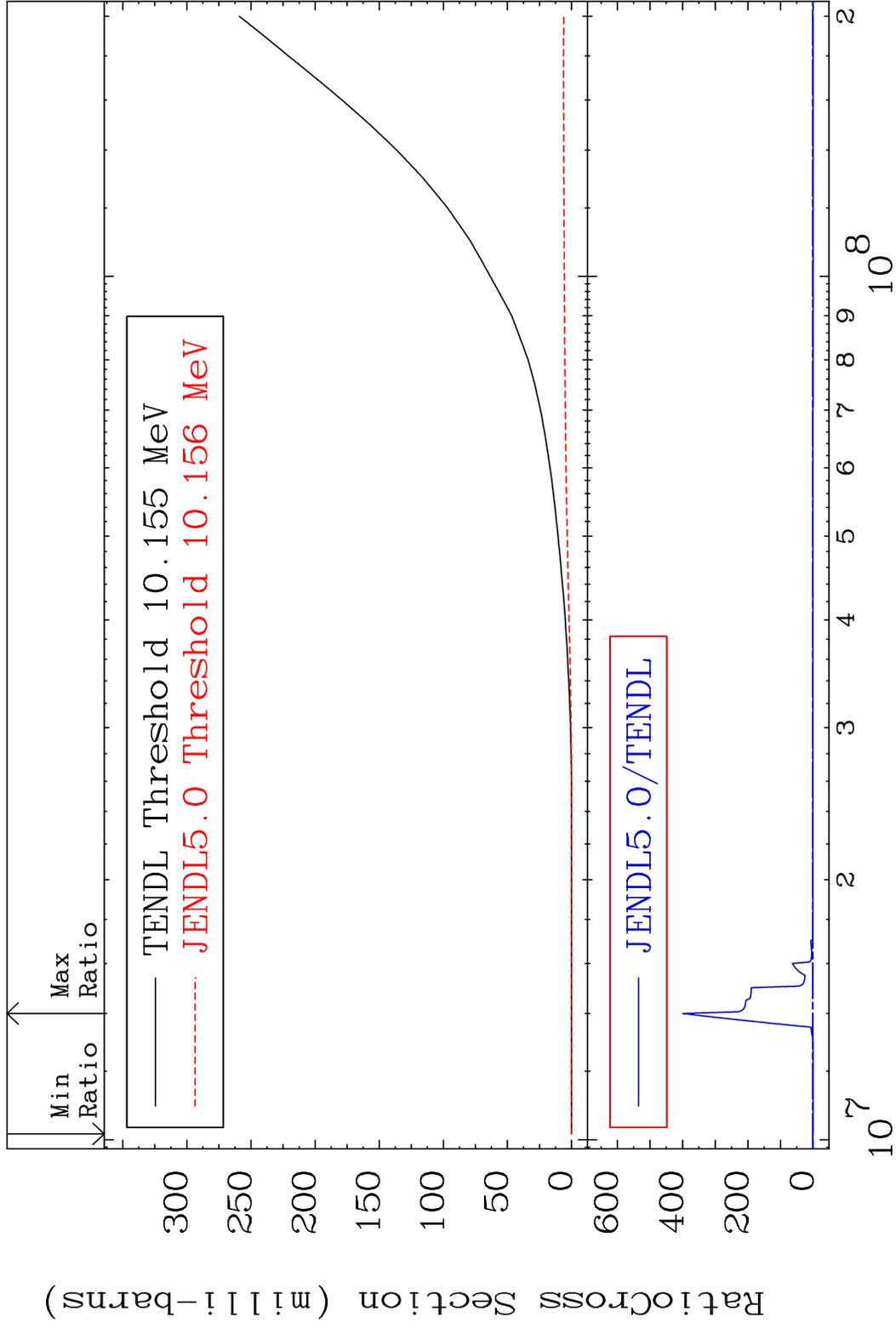
40 20 0 80 60 40 20 0 2 3 4 5 6 7 8 9 10<sup>8</sup> 46-Pd-108

MAT 4643

He-3 Production

46-Pd-108

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

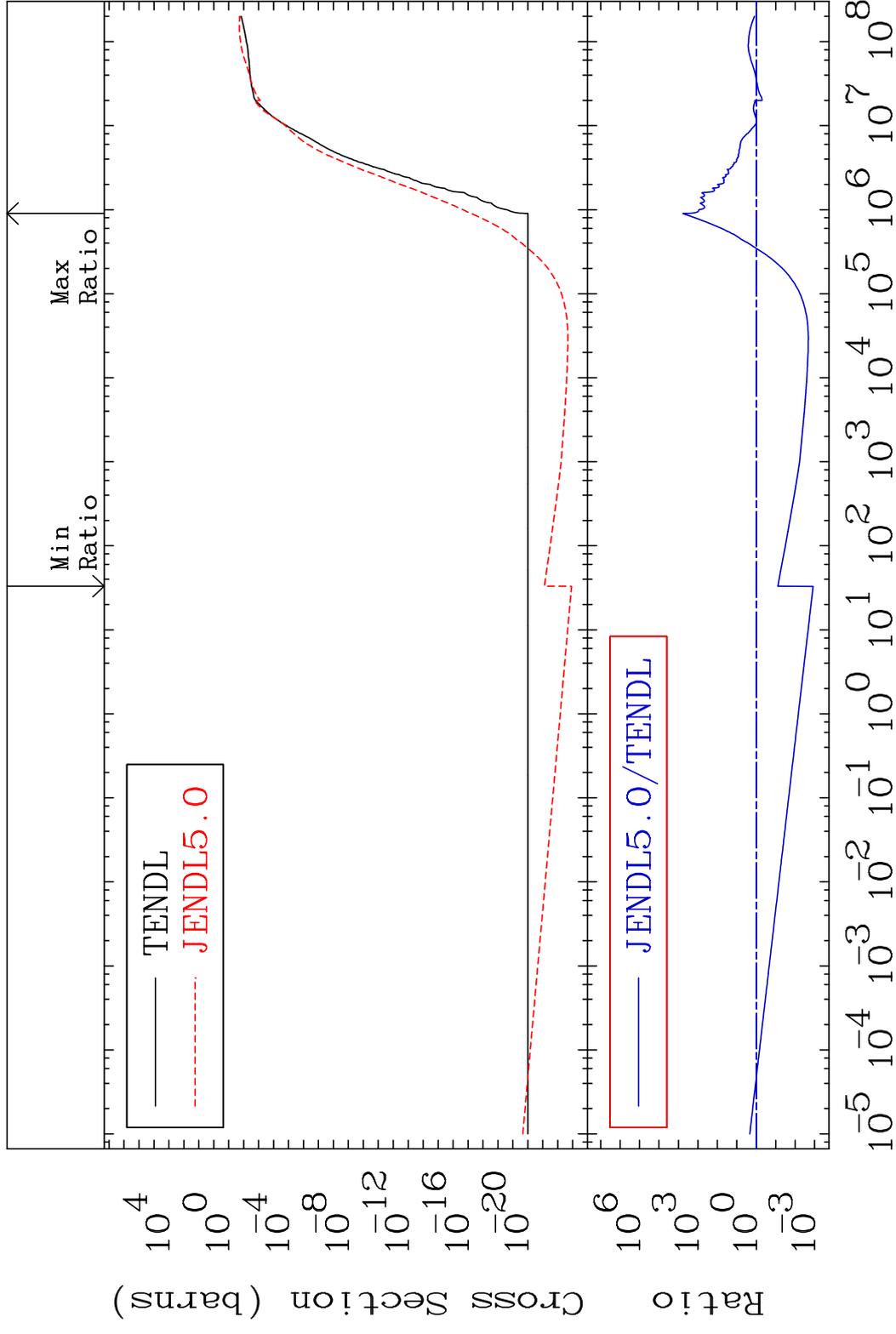
46-Pd-108

MAT 4643

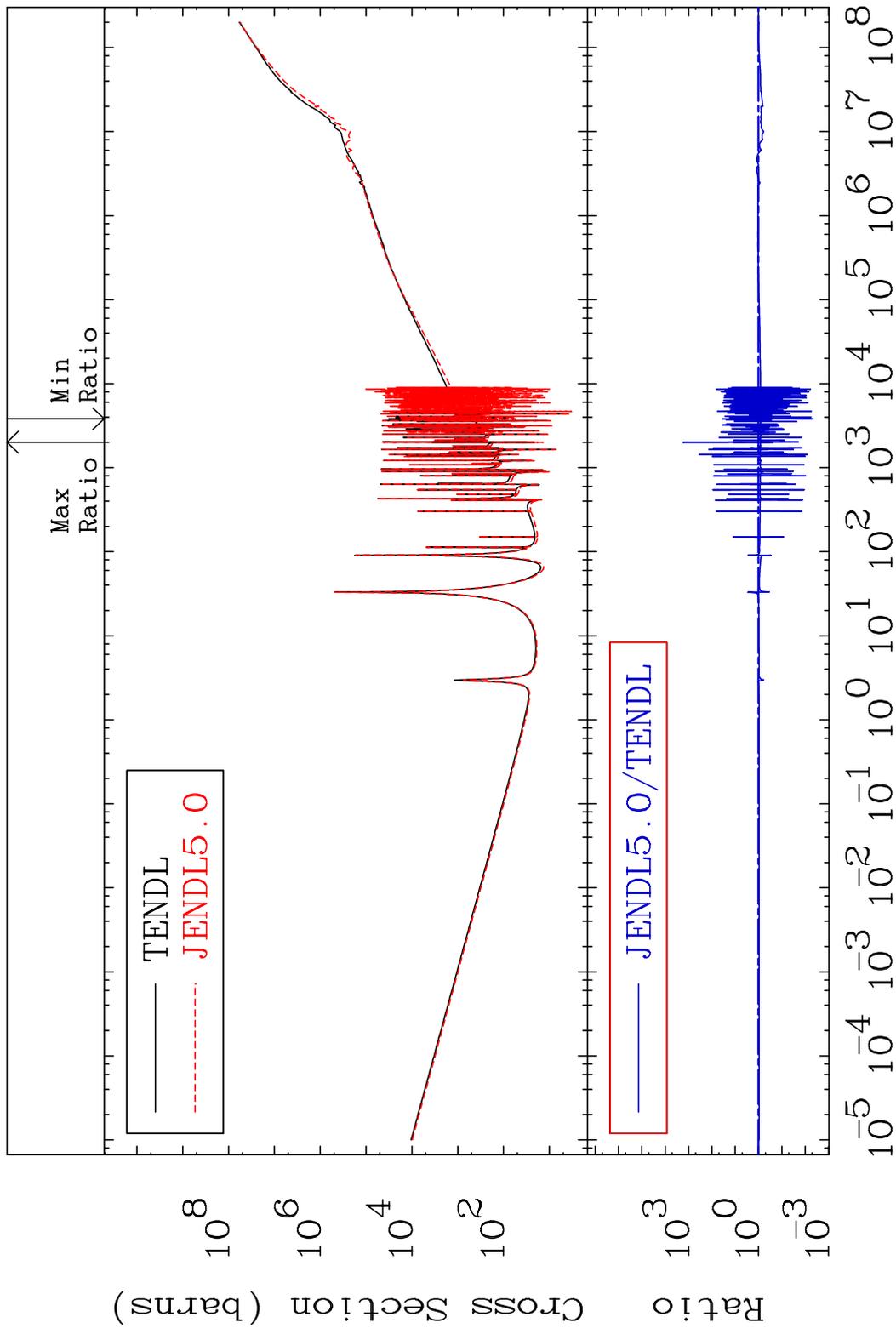
He-4 Production

46-Pd-108

Cross Section -99.88 To 9999. %



MAT 4643 Kerma total (eV-barns) 46-Pd-108  
 Cross Section -99.55 To 9999. %

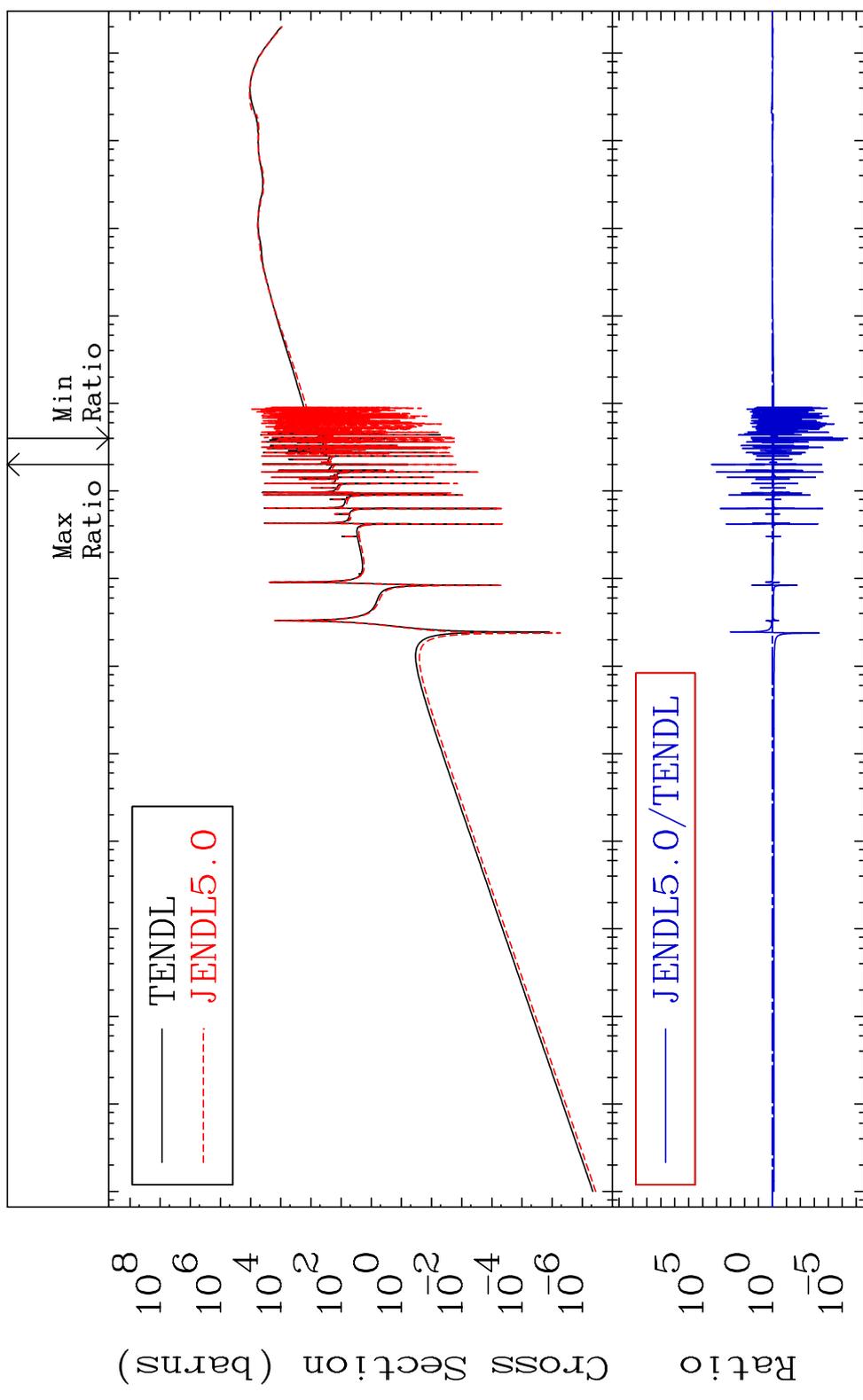


43 Incident Energy (eV) 46-Pd-108

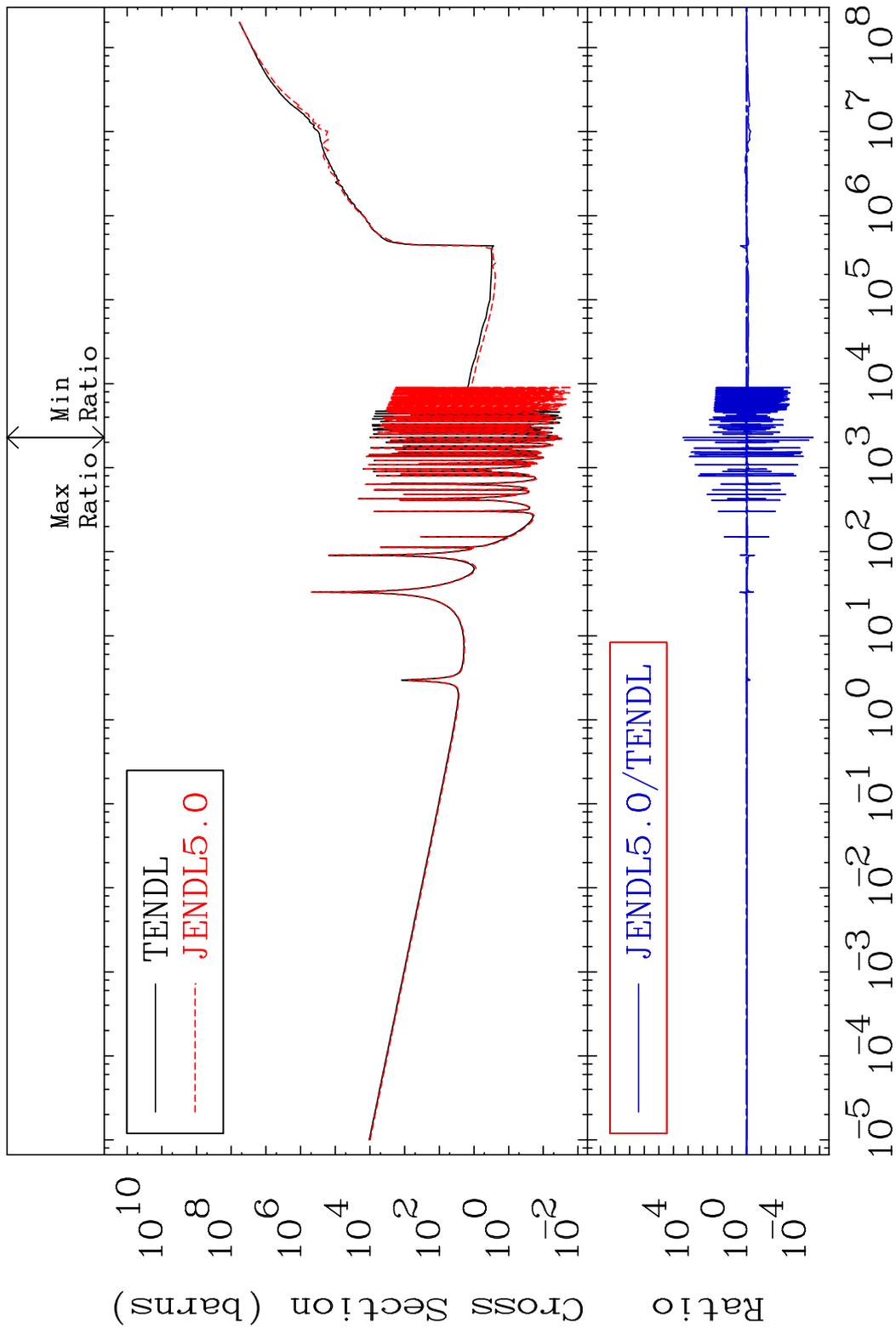
MAT 4643

Kerma elastic  
Cross Section -100.0 To 9999. %

46-Pd-108

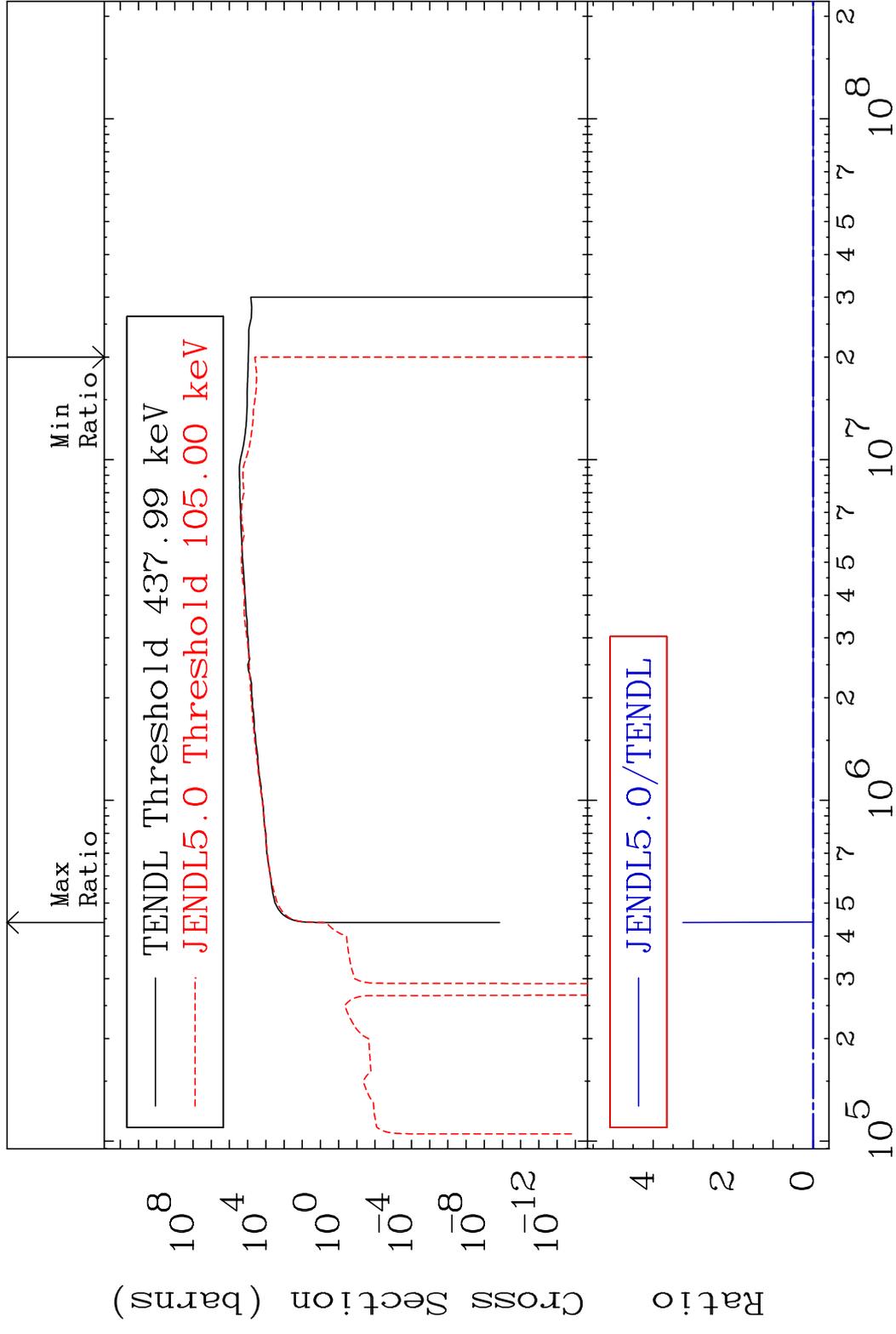


MAT 4643 Kerma non-elastic (all but mt2) 46-Pd-108  
Cross Section -100.0 To 9999. %



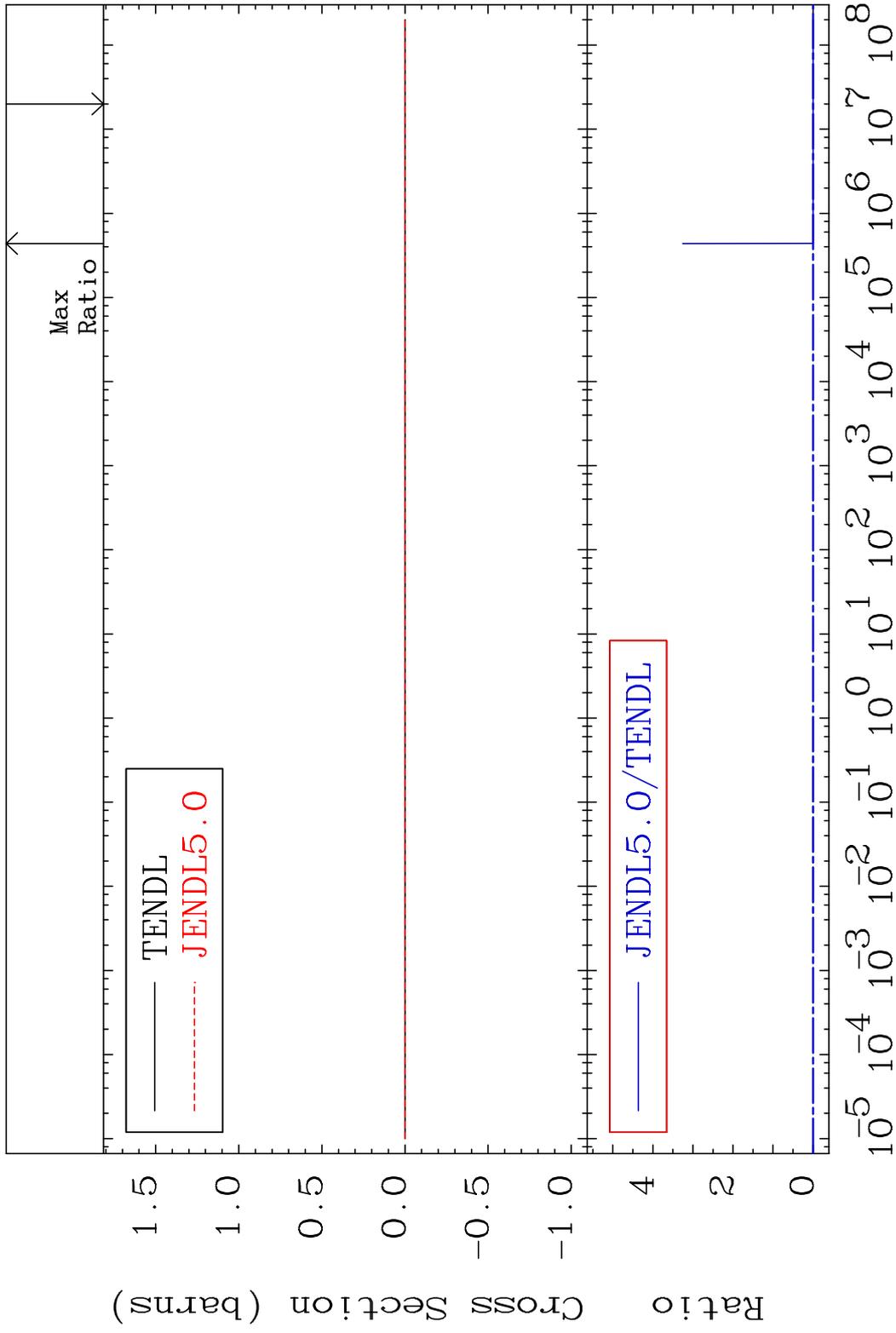
45 Incident Energy (eV) 46-Pd-108

MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108  
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 46-Pd-108

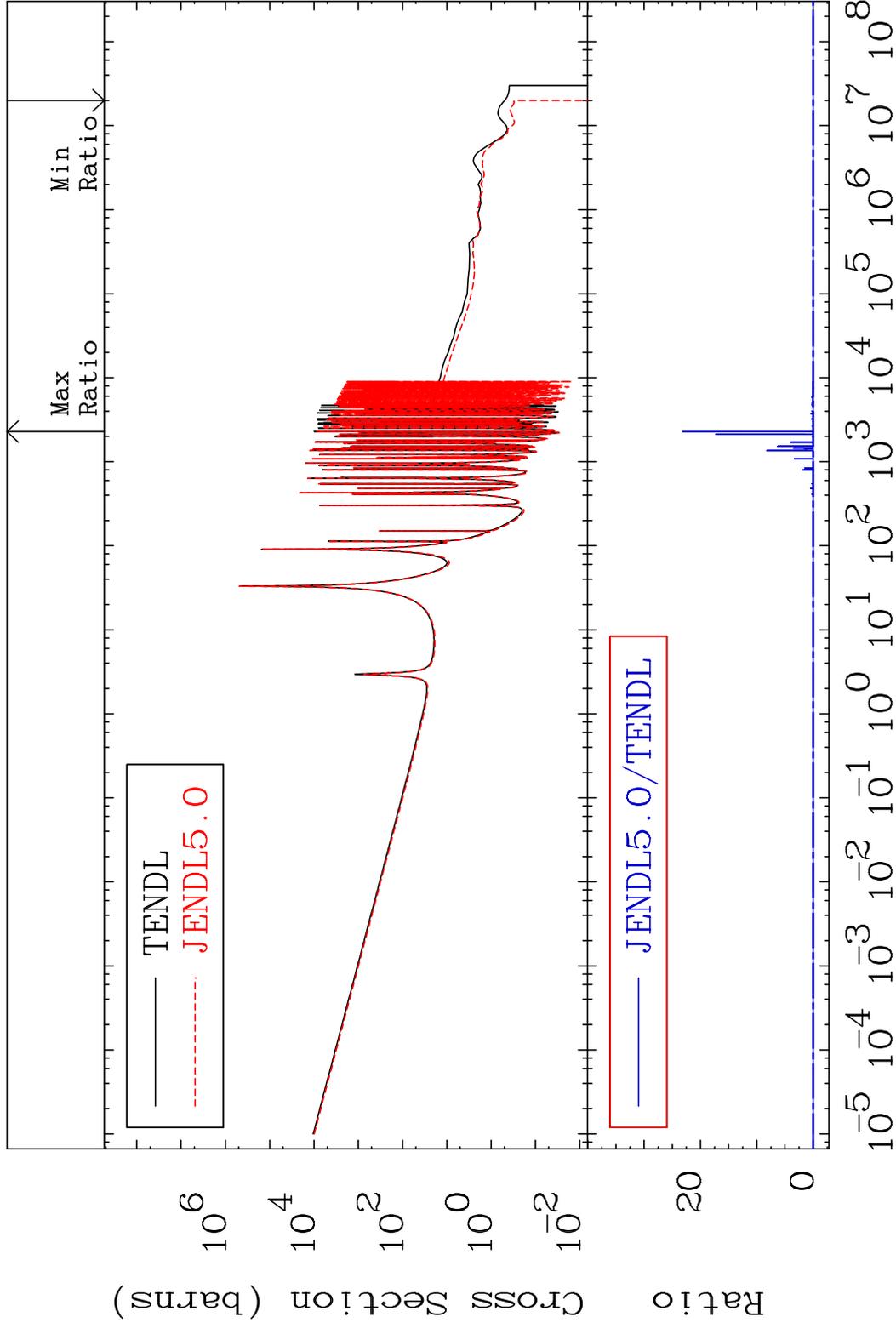
MAT 4643 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-108  
 Cross Section -100.0 To 9999. %



MAT 4643

Kerma capture (mt102) 46-Pd-108

Cross Section -100.0 To 9999. %

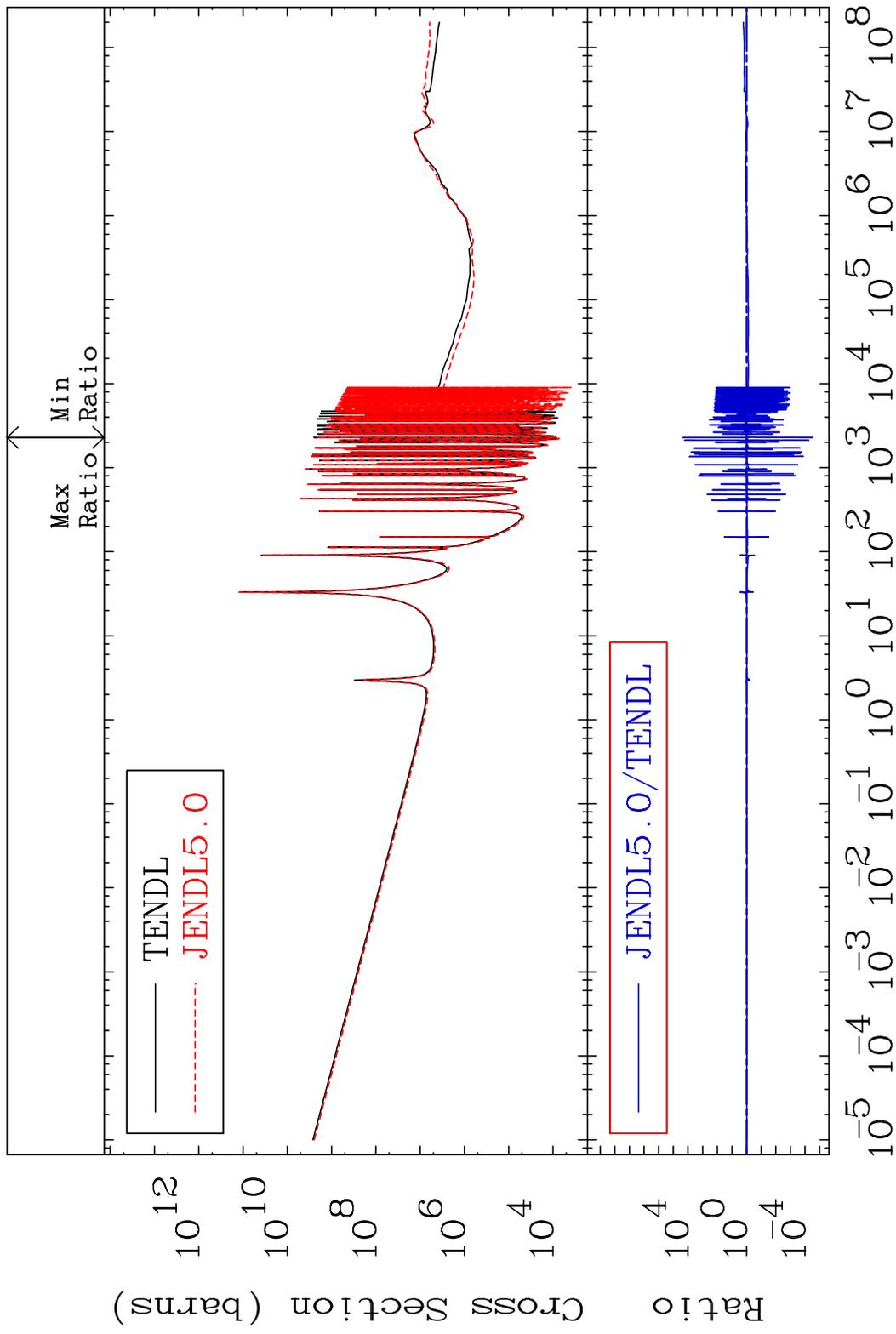


48

Incident Energy (eV)

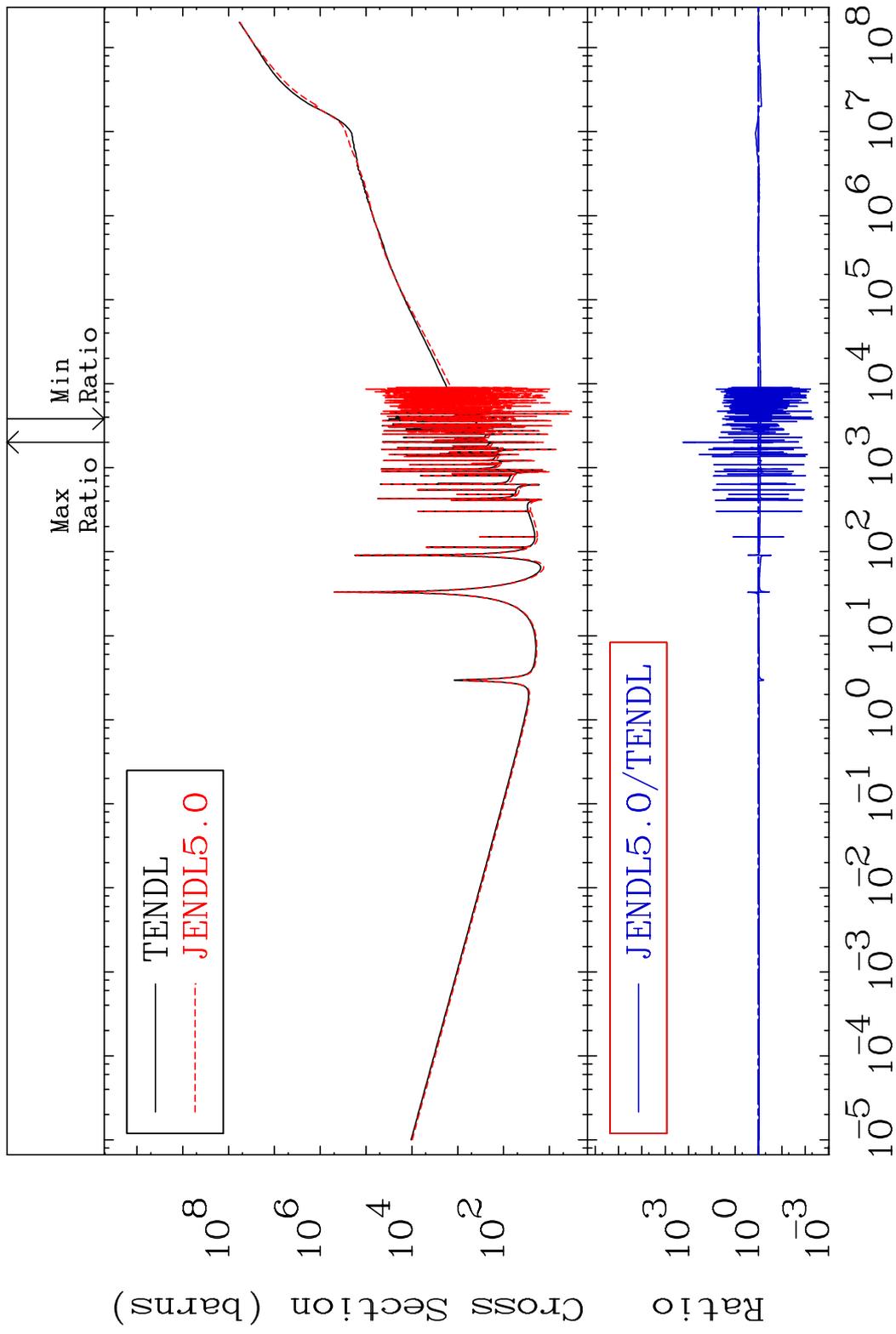
46-Pd-108

MAT 4643 Total photon (eV-barns) 46-Pd-108  
Cross Section -100.0 To 9999. %

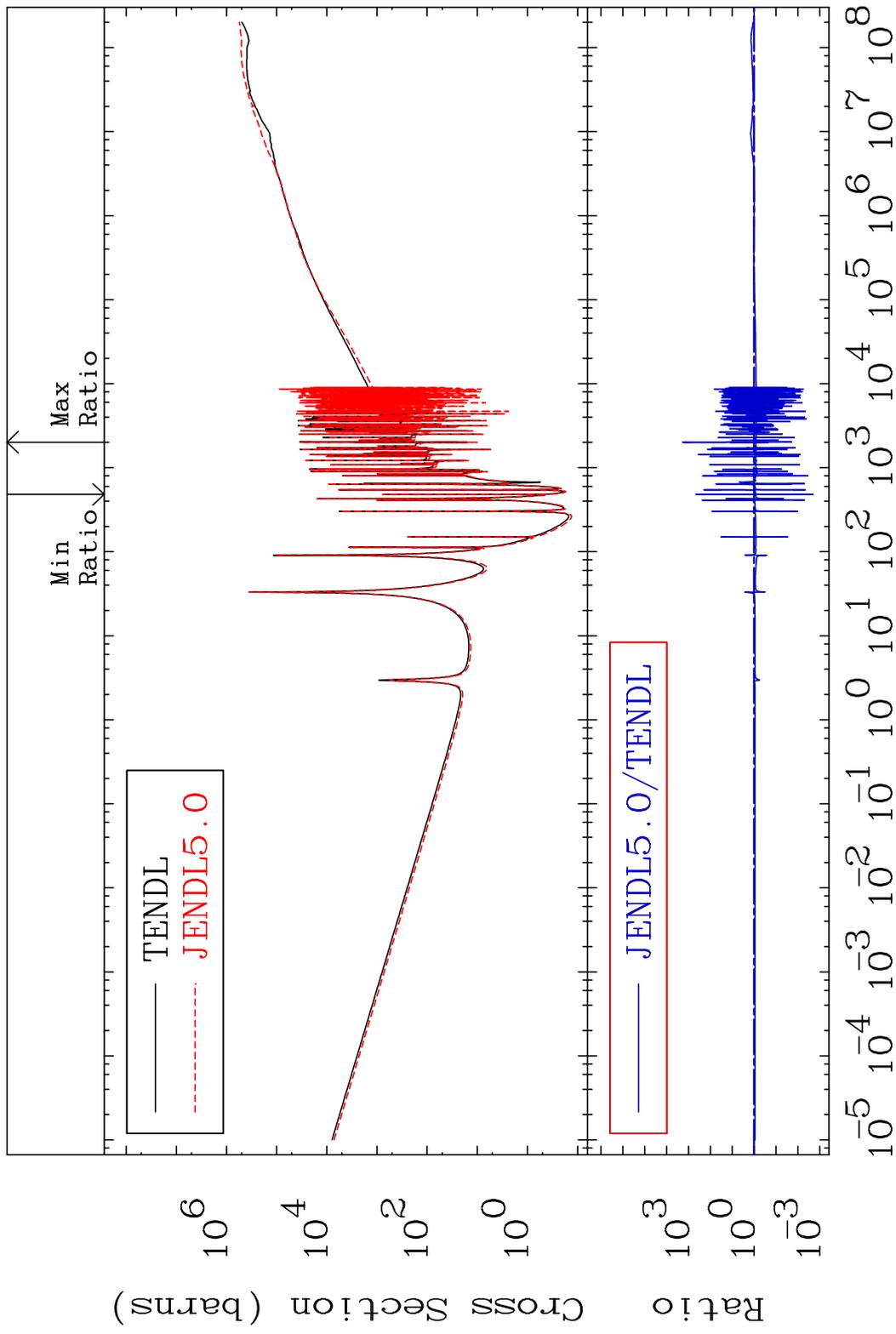


49 Incident Energy (eV) 46-Pd-108

MAT 4643 Total kinematic kerma (high limit) 46-Pd-108  
Cross Section -99.55 To 9999. %



MAT 4643      Dpa total (eV-barns)      46-Pd-108  
 Cross Section      -99.80 To 9999.      %

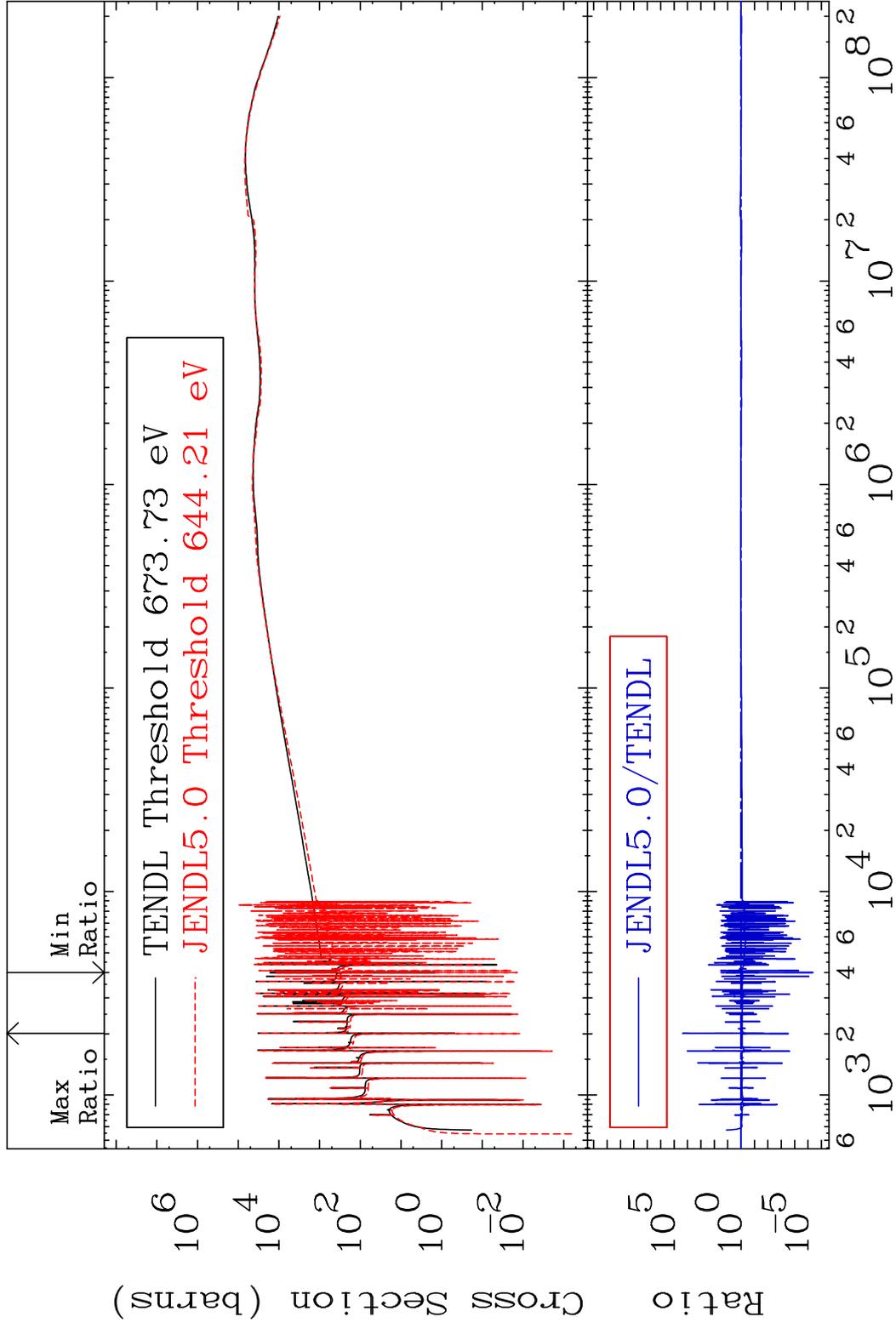


MAT 4643

Dpa elastic (mt2)

46-Pd-108

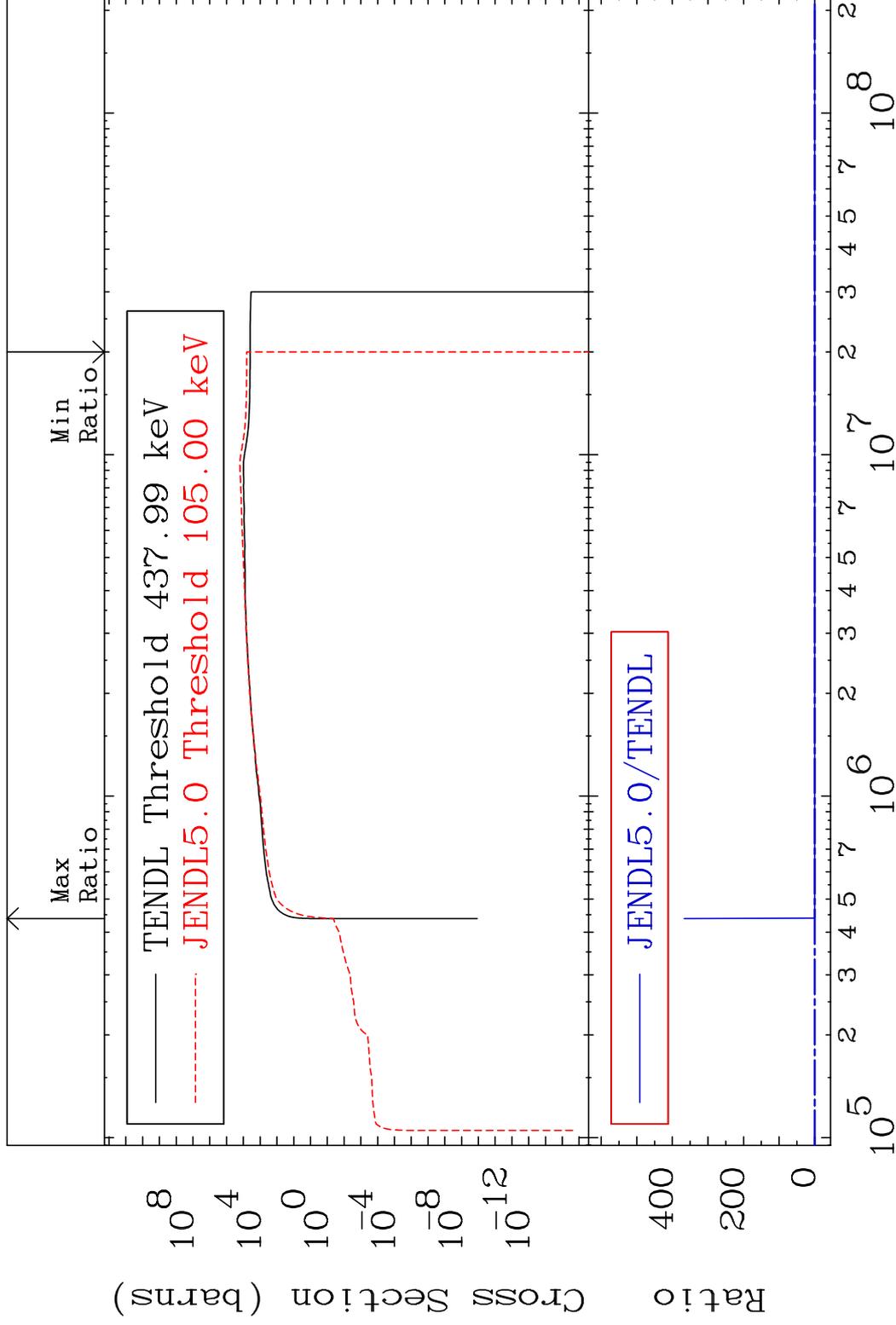
Cross Section -100.0 To 9999. %



MAT 4643

Dpa inelastic (mt51-91) 46-Pd-108

Cross Section -100.0 To 9999. %

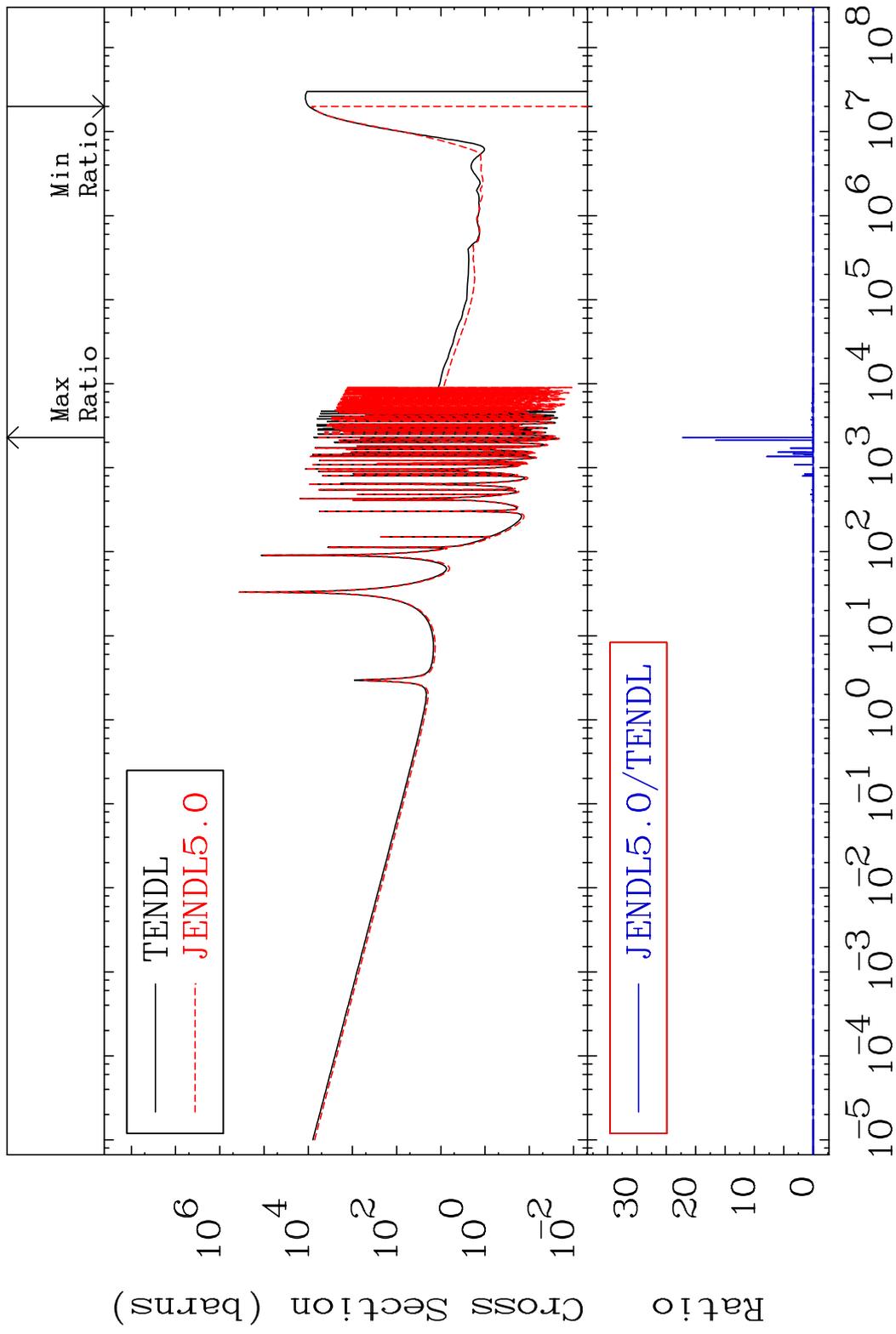


53

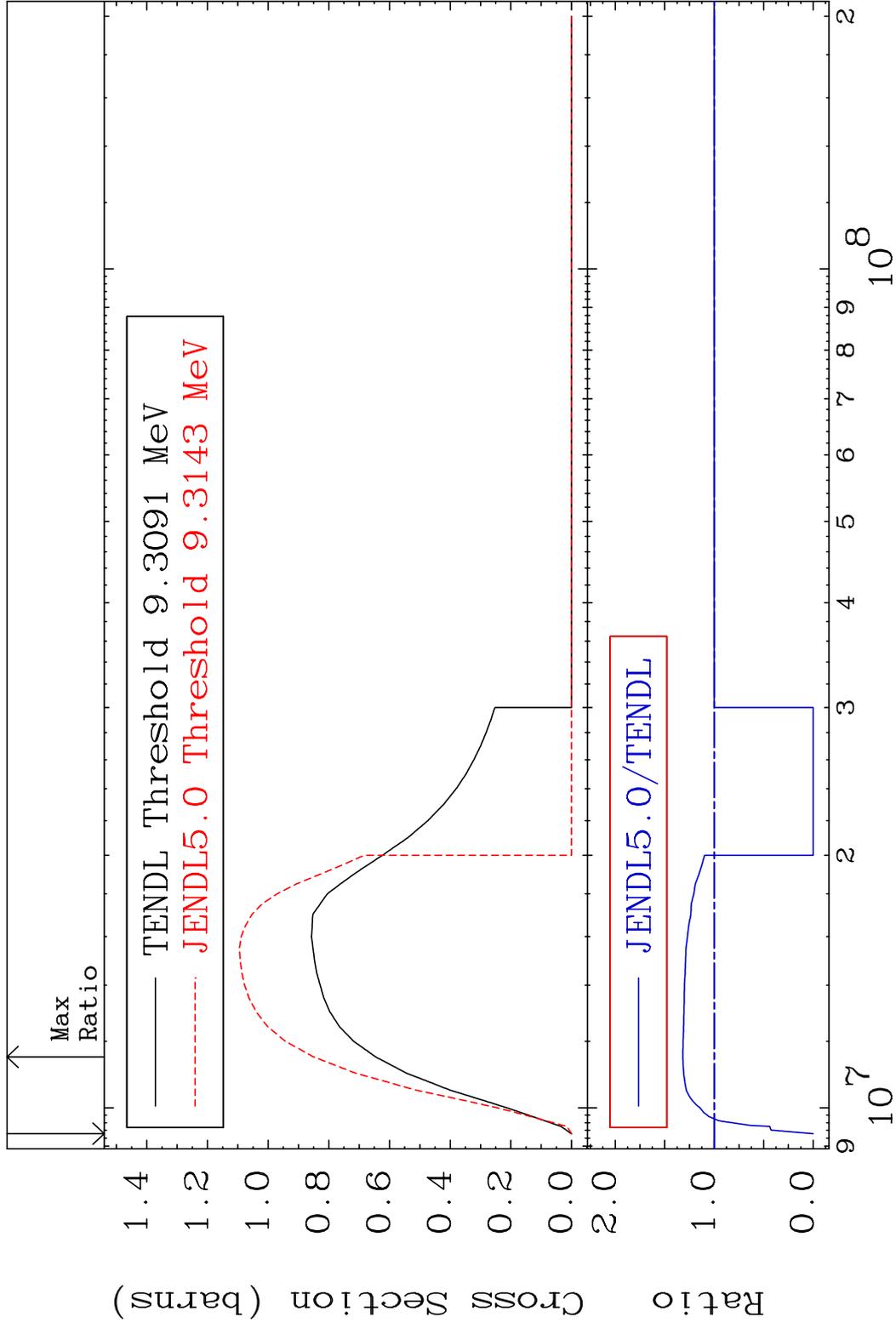
Incident Energy (eV)

46-Pd-108

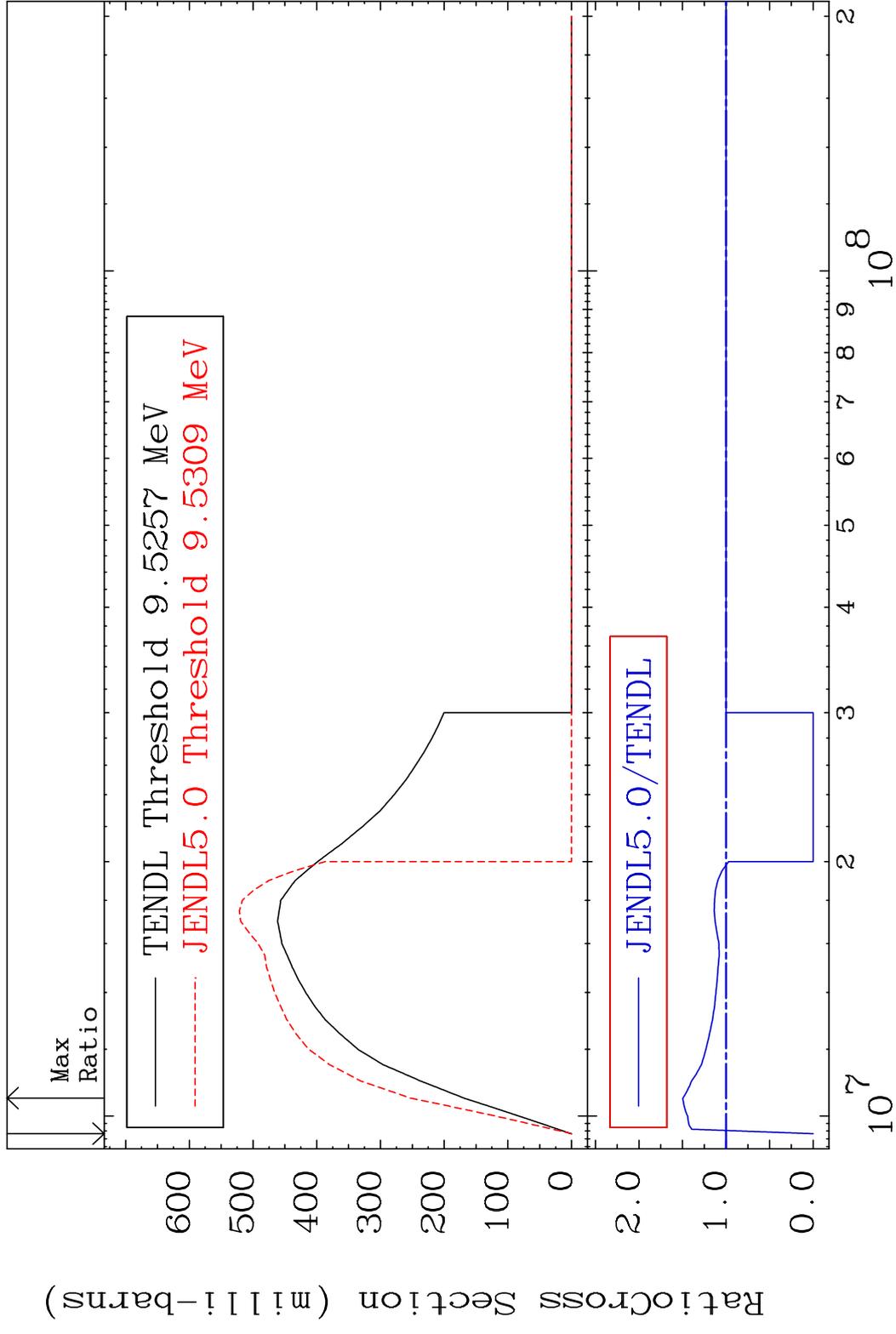
MAT 4643 Dpa disappearance (mt102 -120) 46-Pd-108  
 Cross Section -100.0 To 9999. %



MAT 4643 (n,2n):46-Pd-107g 46-Pd-108  
 Radionuclide Production Cross Section Ratio 31.66 %



MAT 4643 (n, 2n) : 46-Pd-107m2 46-Pd-108  
 Radionuclide Production Cross Section Ratio 49.63 %



MAT 4643 (n,p):45-Rh-108g 46-Pd-108  
 Radionuclide Production Cross Section Ratio 9999. %

