

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

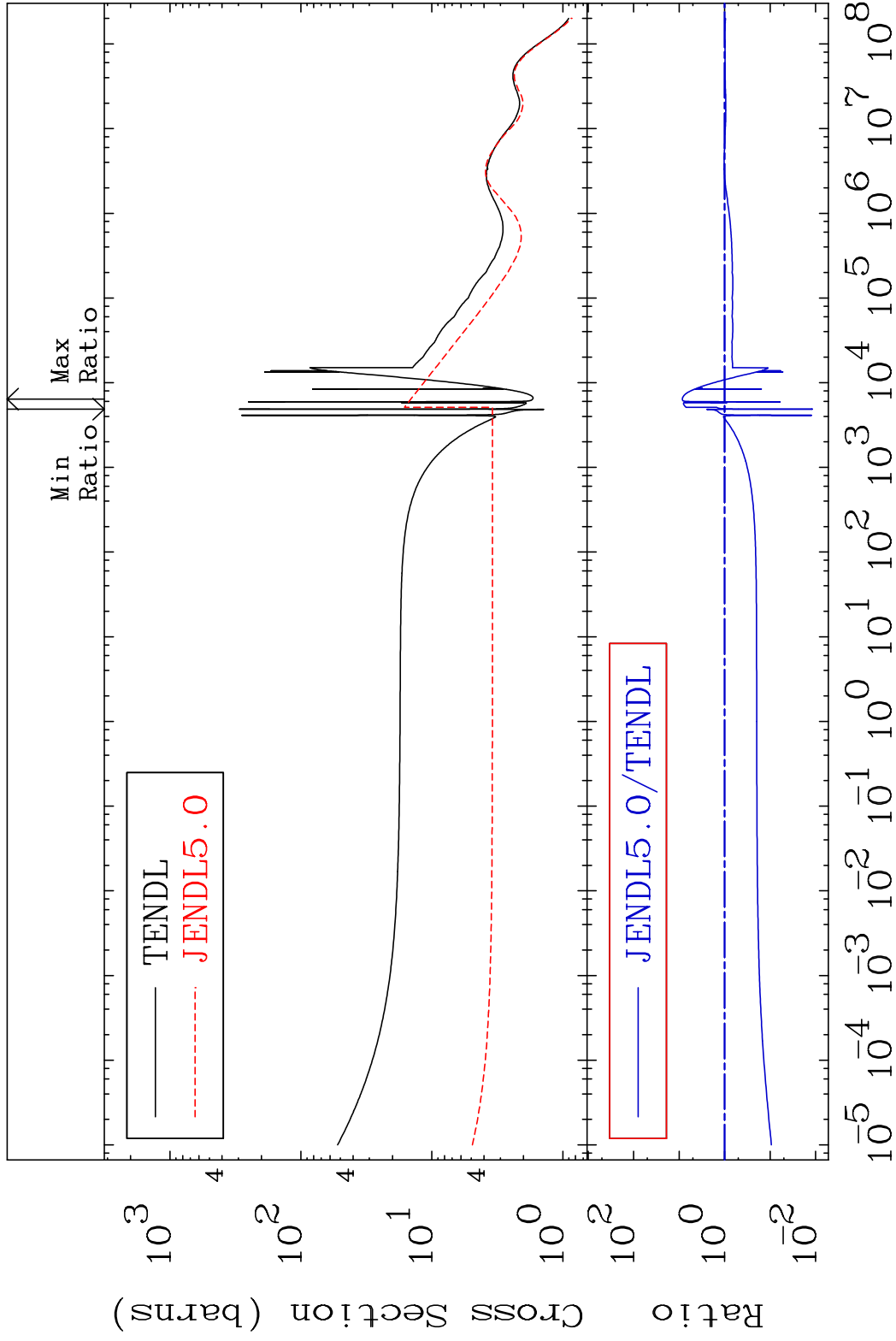
MAT 2046

Total

20-Ca-47

Cross Section

-98.83 To 750.1 %

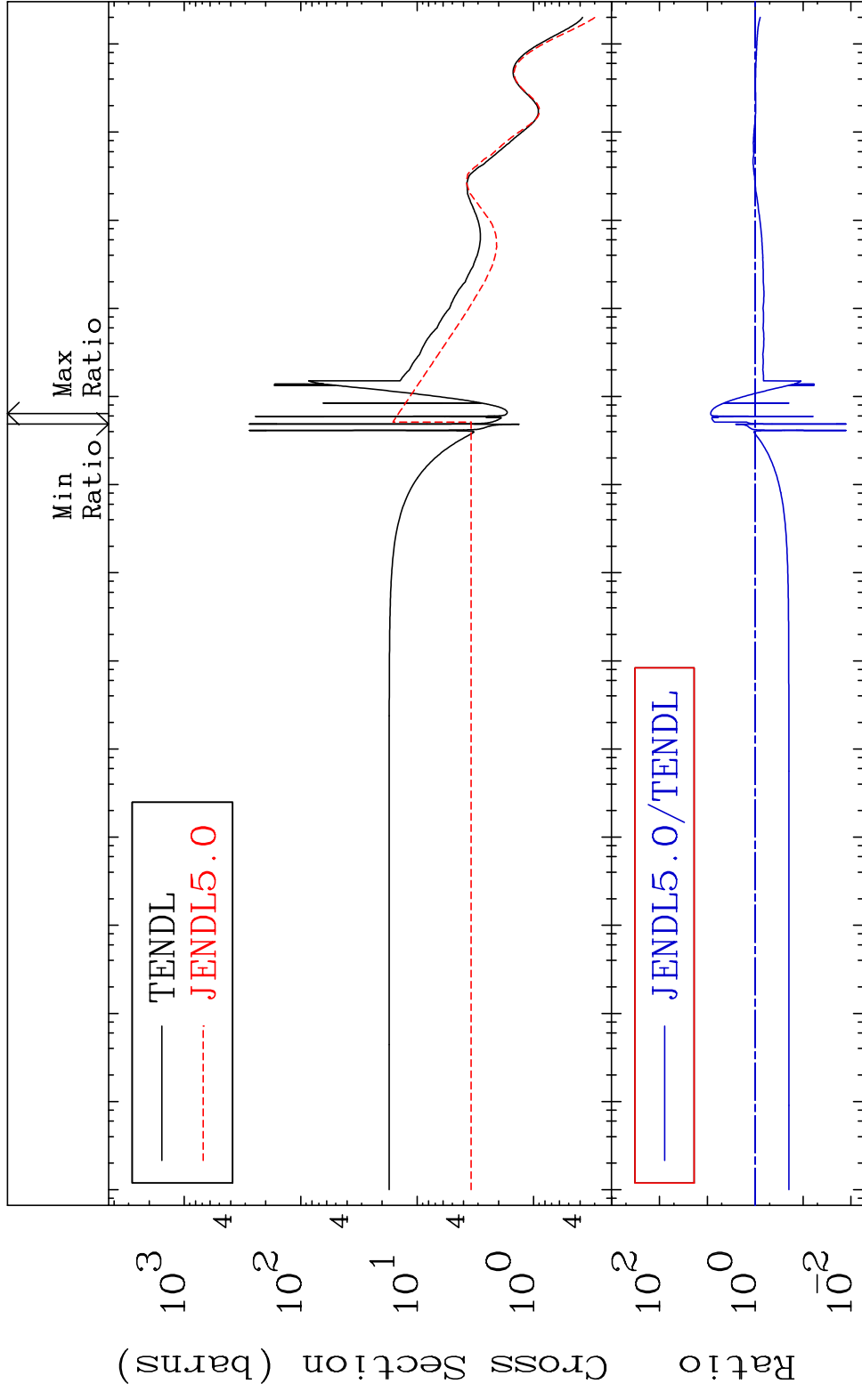


1

Incident Energy (eV)

20-Ca-47

MAT 2046 Elastic Cross Section -98.75 To 750.0 % 20-Ca-47



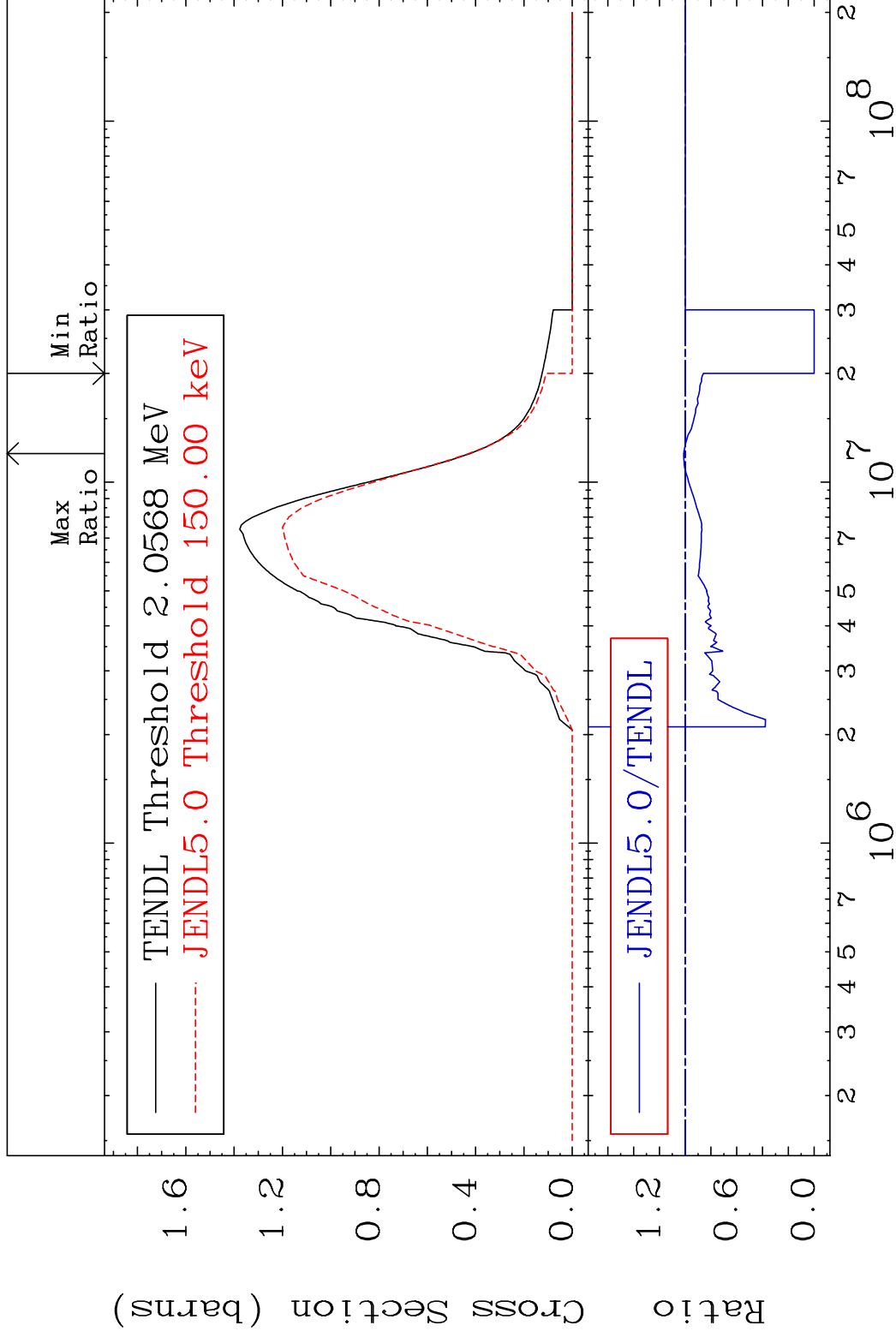
Ratio JENDL5.0/TENDL Incident Energy (eV) 20-Ca-47

MAT 2046

Inelastic

20-Ca-47

Cross Section -100.0 To 1.187 %

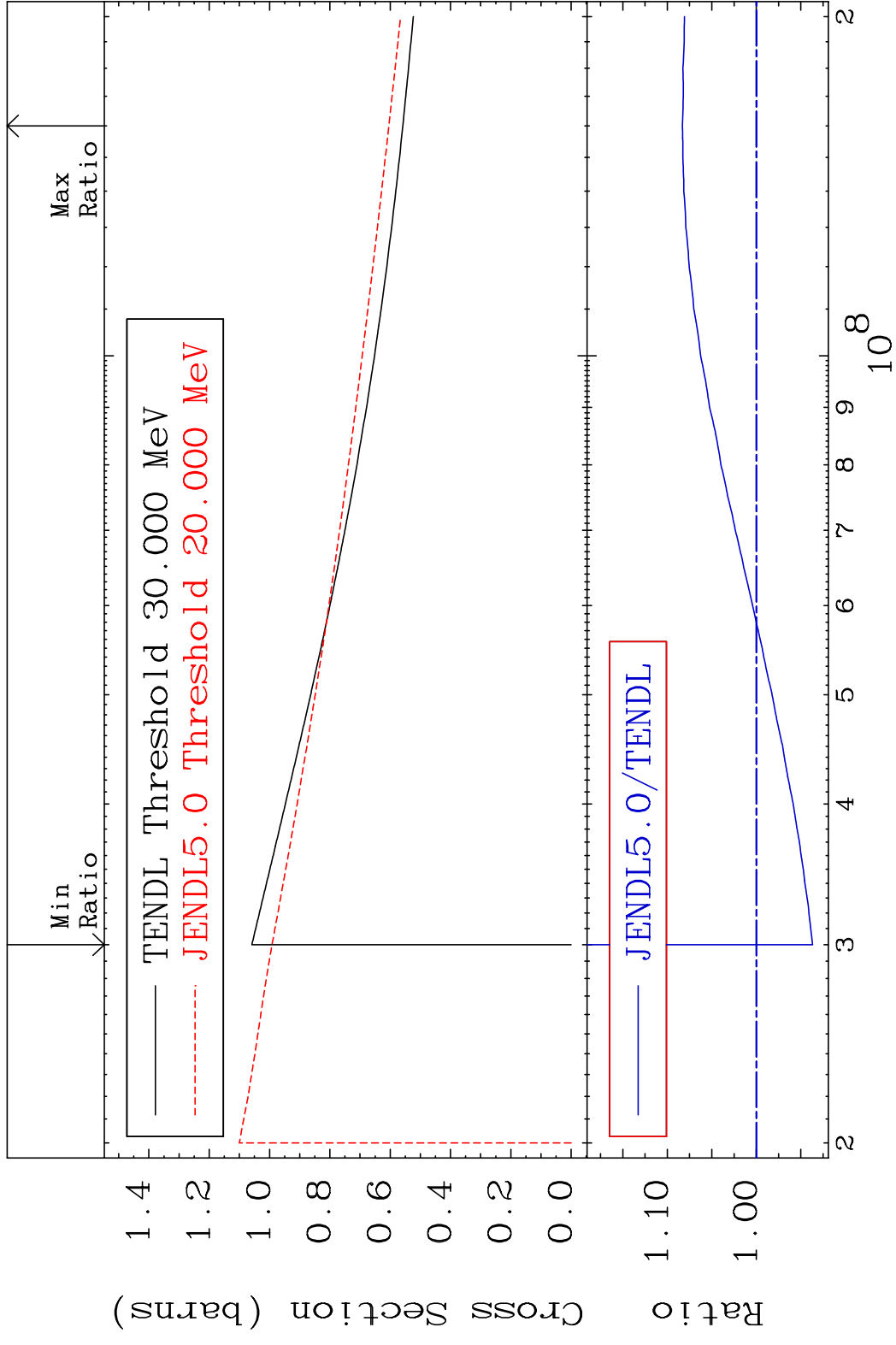


3

Incident Energy (eV)

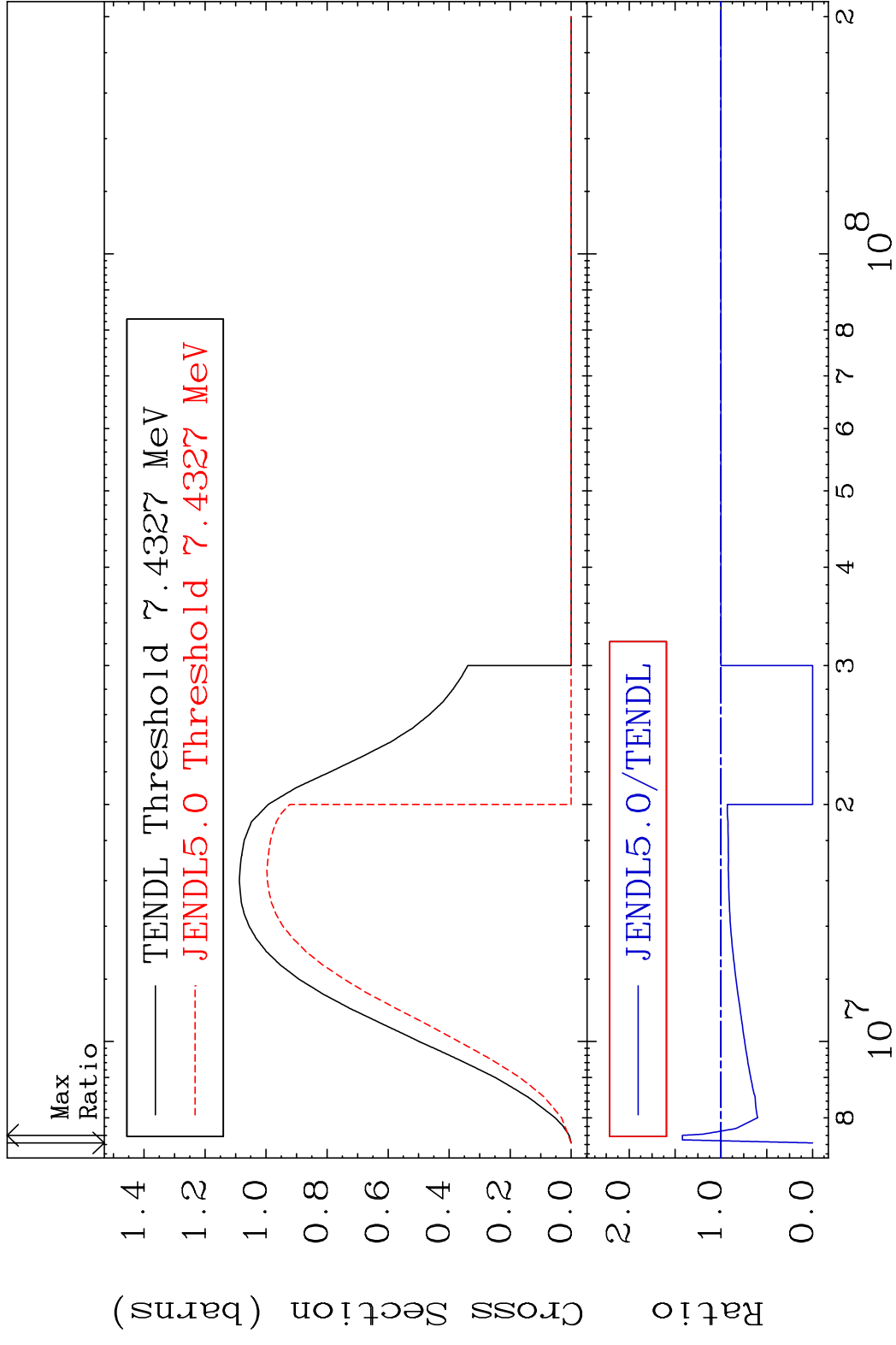
20-Ca-47

MAT 2046 (n, remainder) 20-Ca-47  
 Cross Section -6.315 To 8.308 %



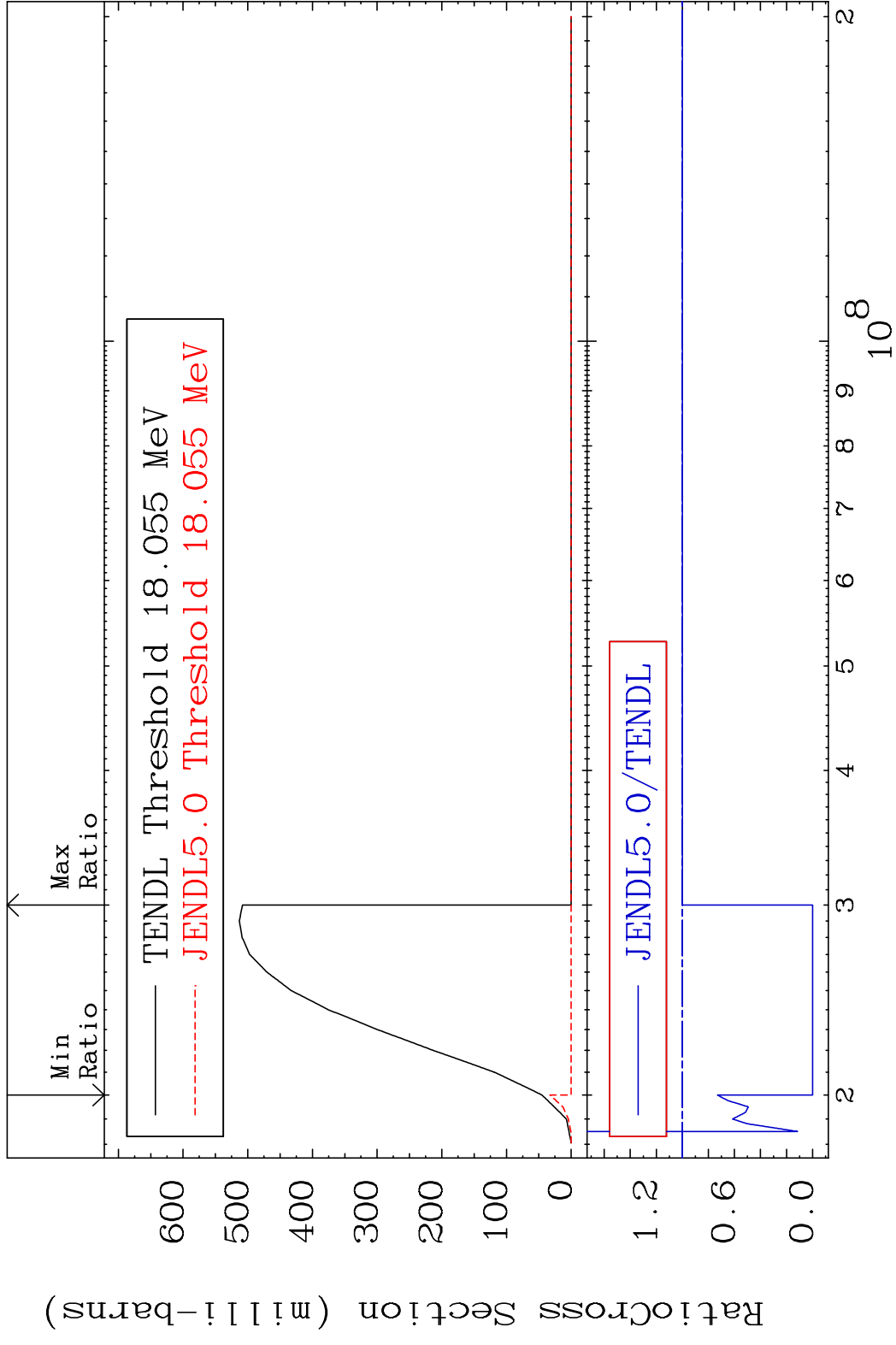
4 Incident Energy (eV) 20-Ca-47

MAT 2046 (n,2n) 20-Ca-47  
 Cross Section -100.0 To 42.05 %



5 Incident Energy (eV) 20-Ca-47

MAT 2046 (n,3n) 20-Ca-47  
 Cross Section -100.0 To 0.000 %



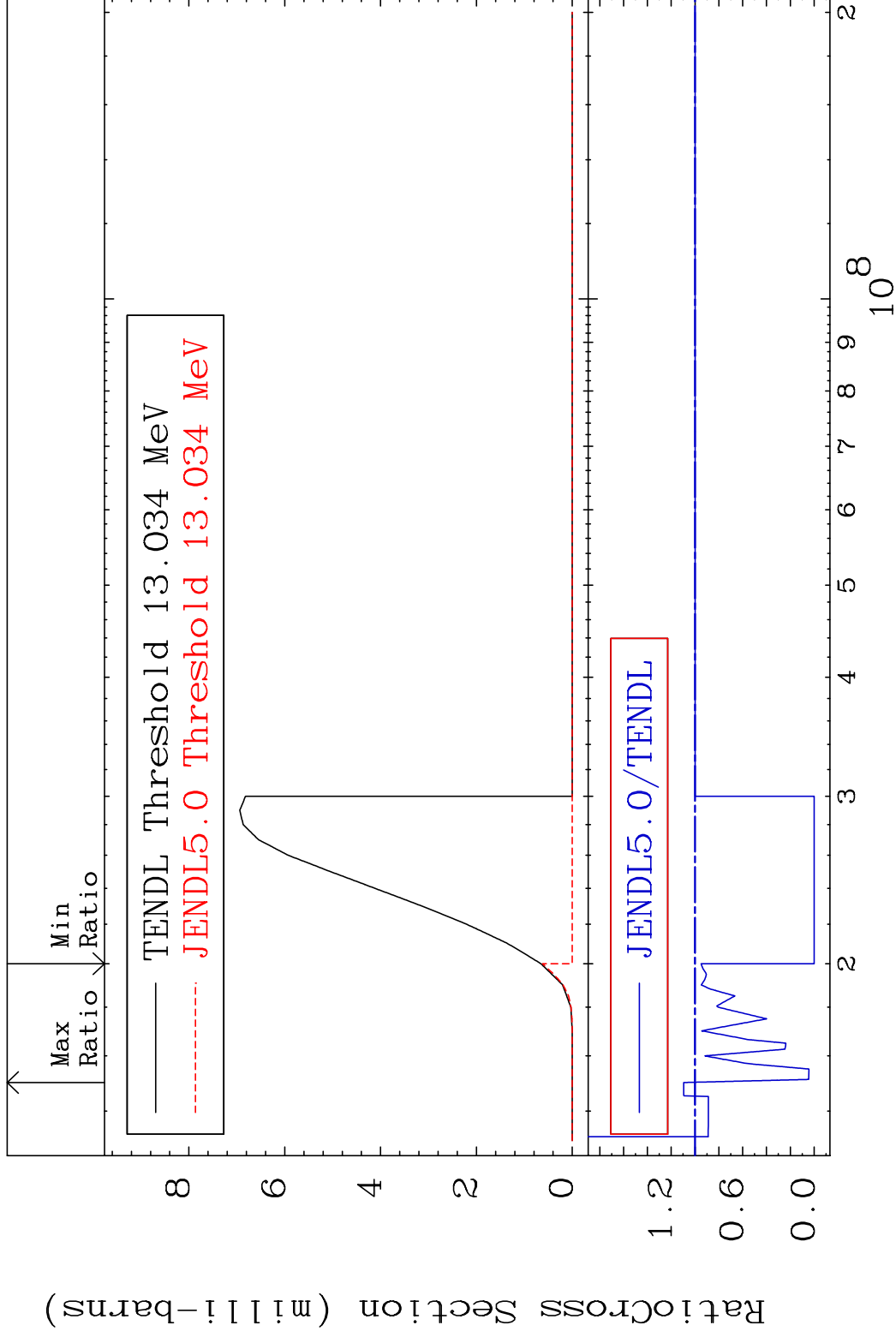
6 Incident Energy (eV) 20-Ca-47

MAT 2046

(n, n')  $\alpha$

20-Ca-47

Cross Section -100.0 To 9.531 %



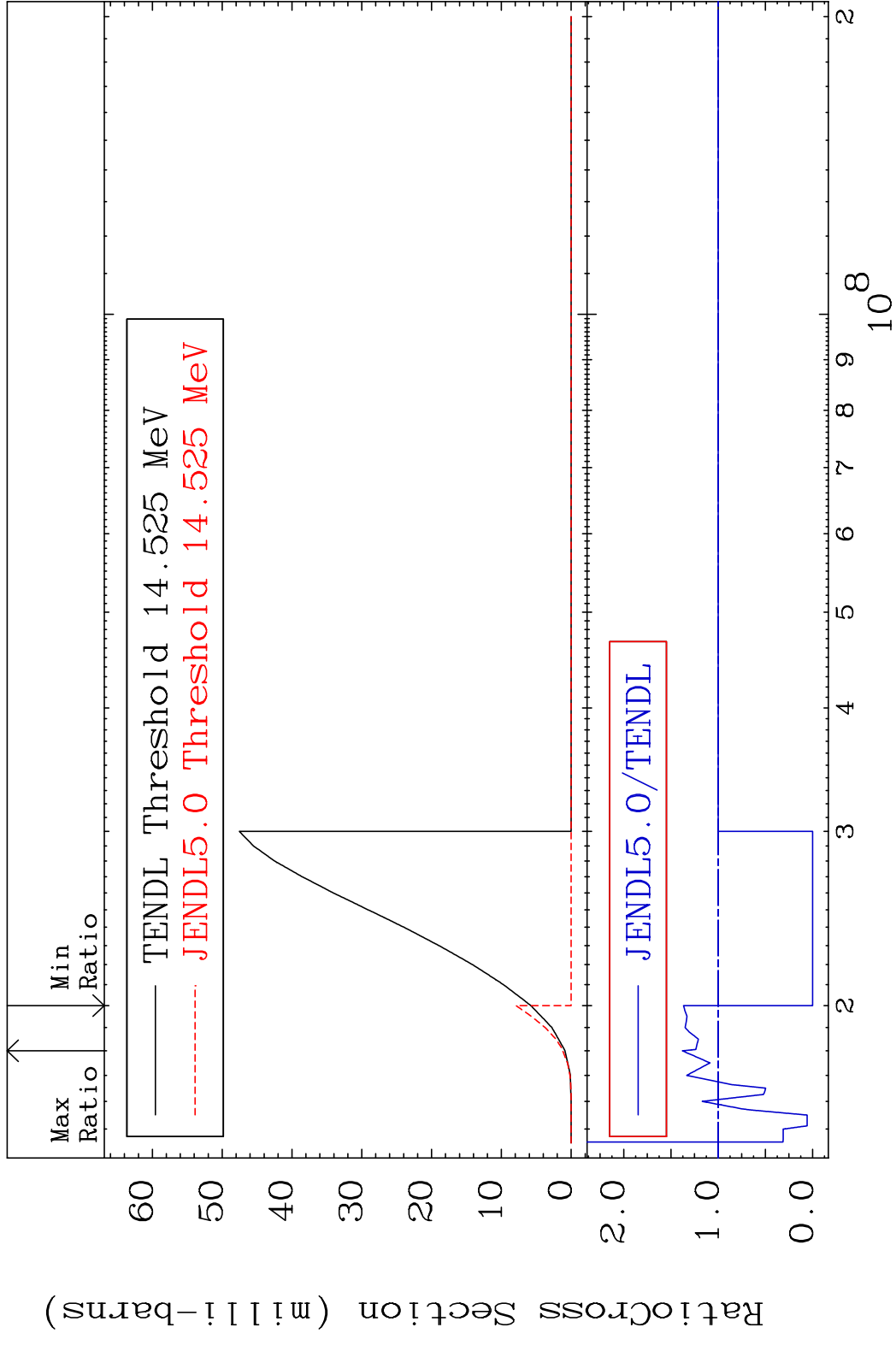
7

Incident Energy (eV)

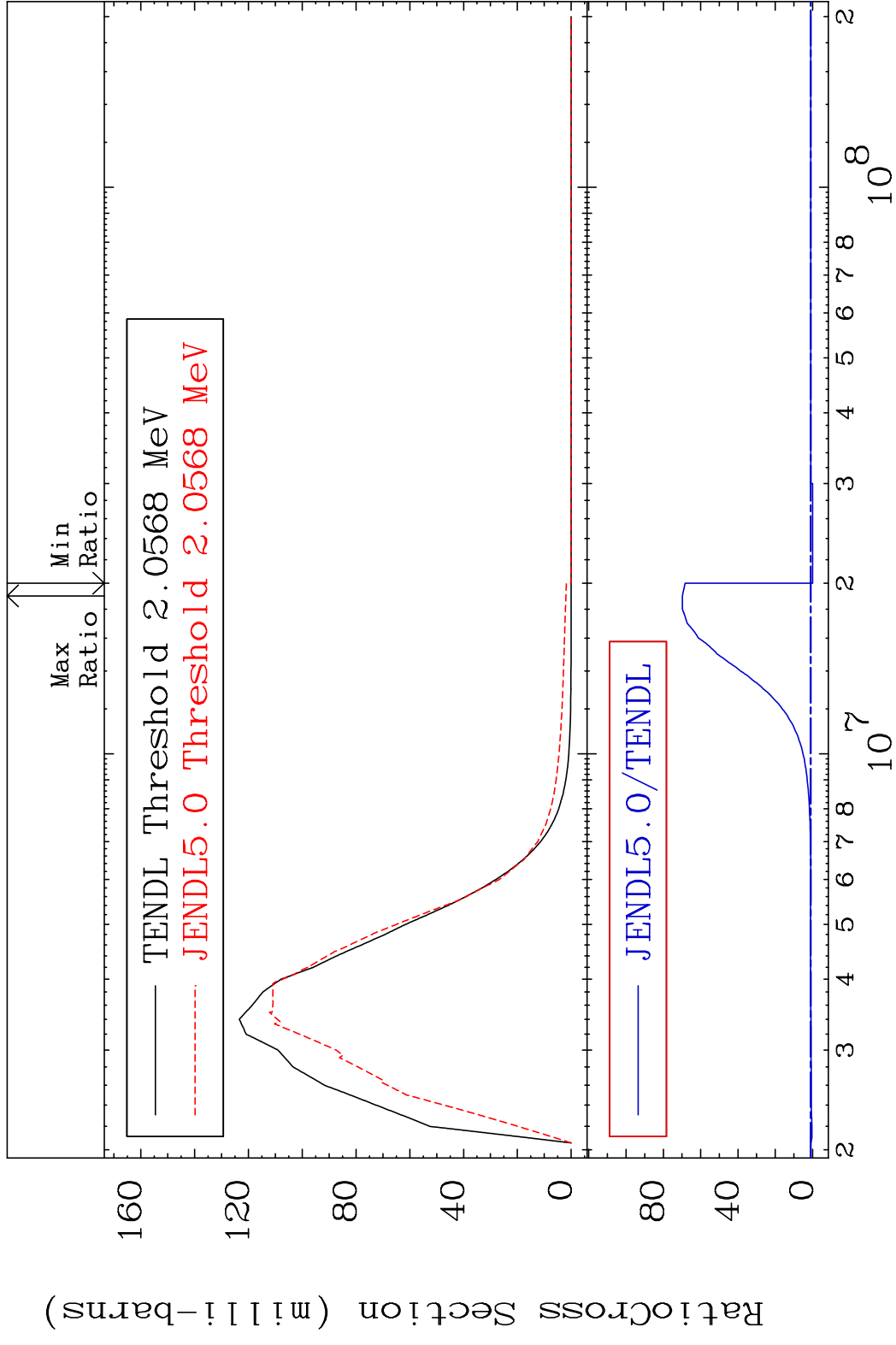
20-Ca-47



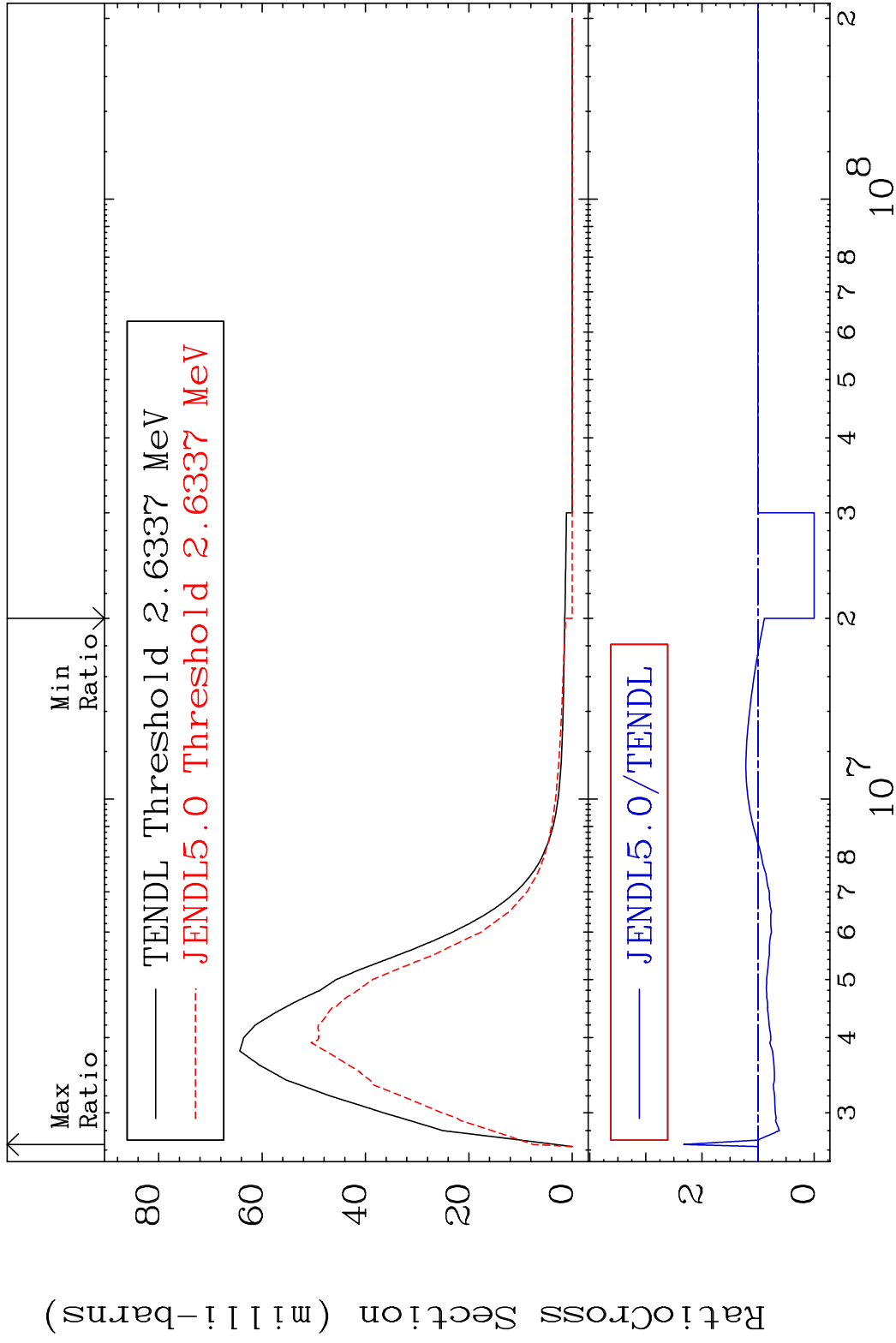
MAT 2046 (n, n') p 20-Ca-47  
 Cross Section -100.0 To 37.92 %



MAT 2046 MT= 51 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 6881. %

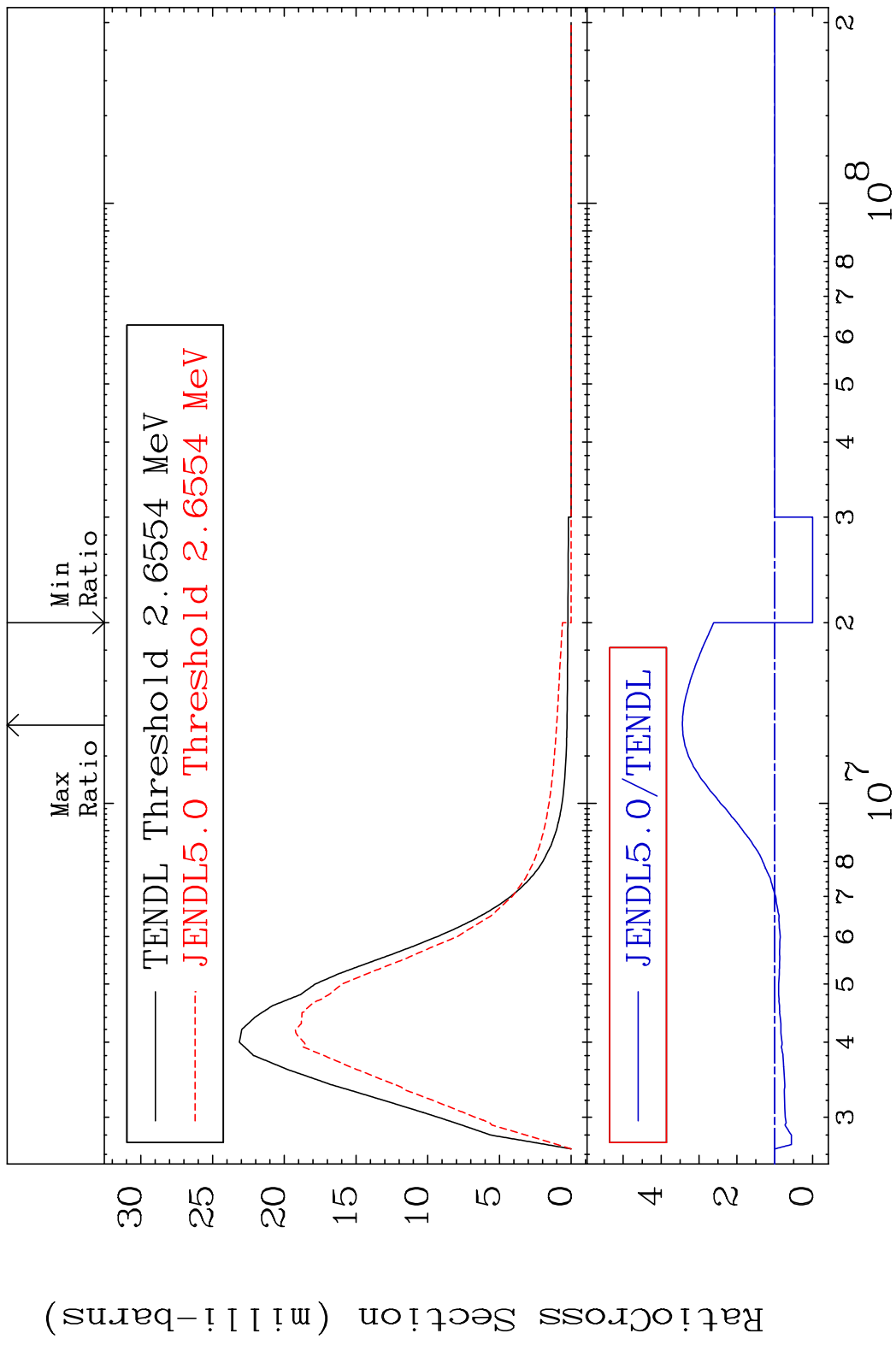


MAT 2046      MT= 52 (n, n') Level      20-Ca-47  
 Cross Section    -100.0 To 132.6 %

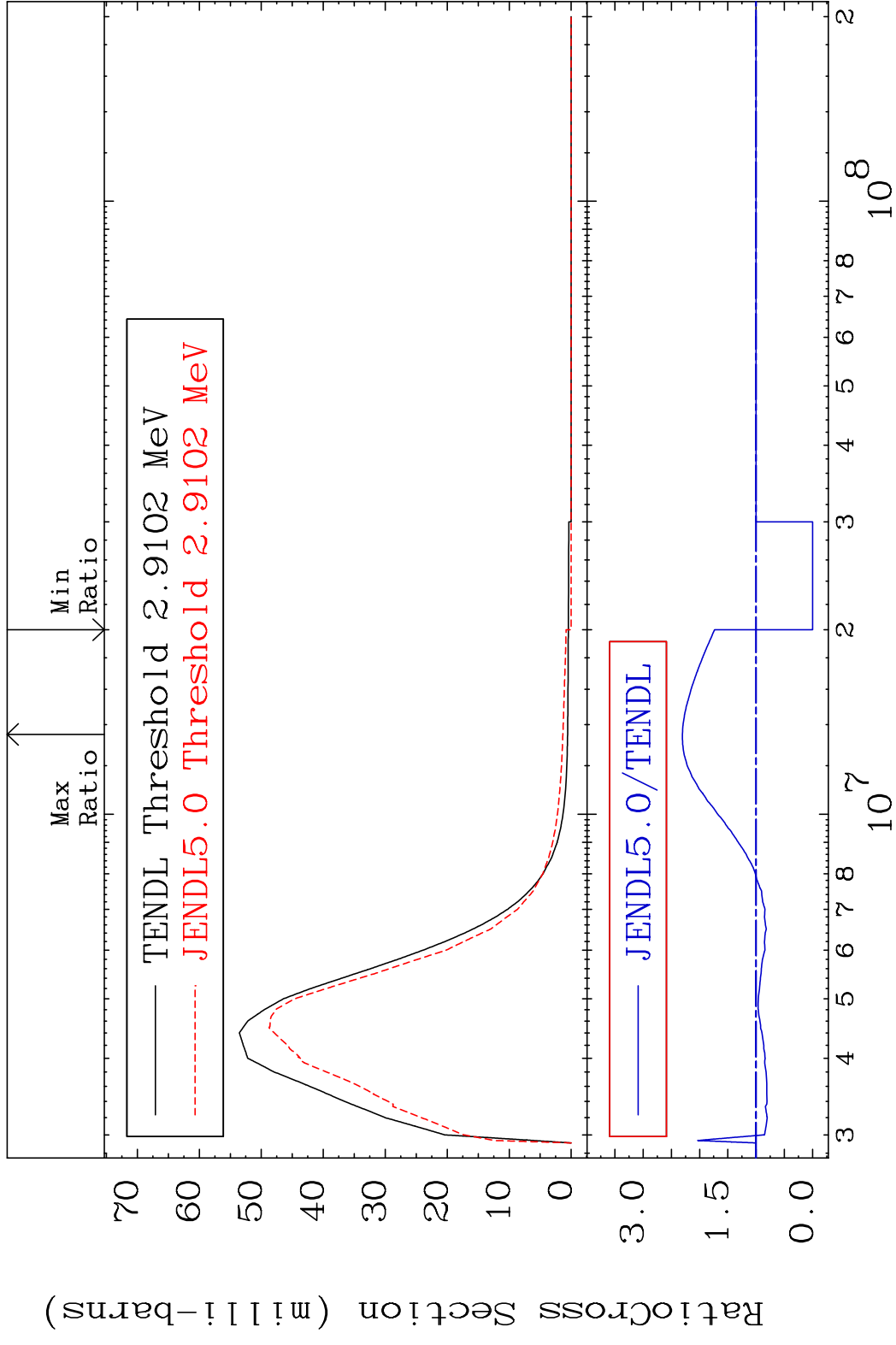


10      100      200      300      400      500      600      700      800      1000      2000      3000      4000      5000      6000      7000      8000      10000

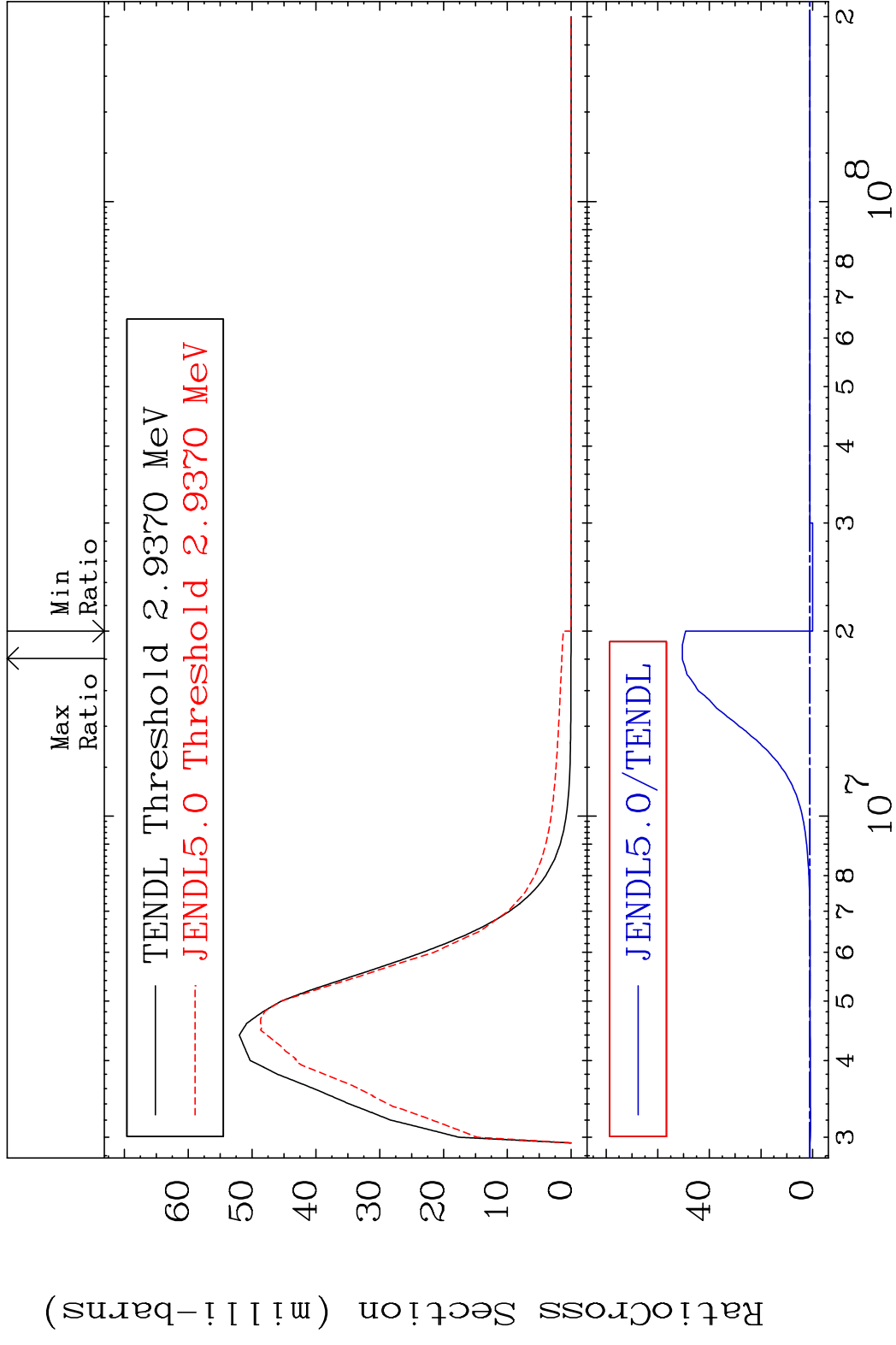
MAT 2046 MT= 53 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 243.8 %



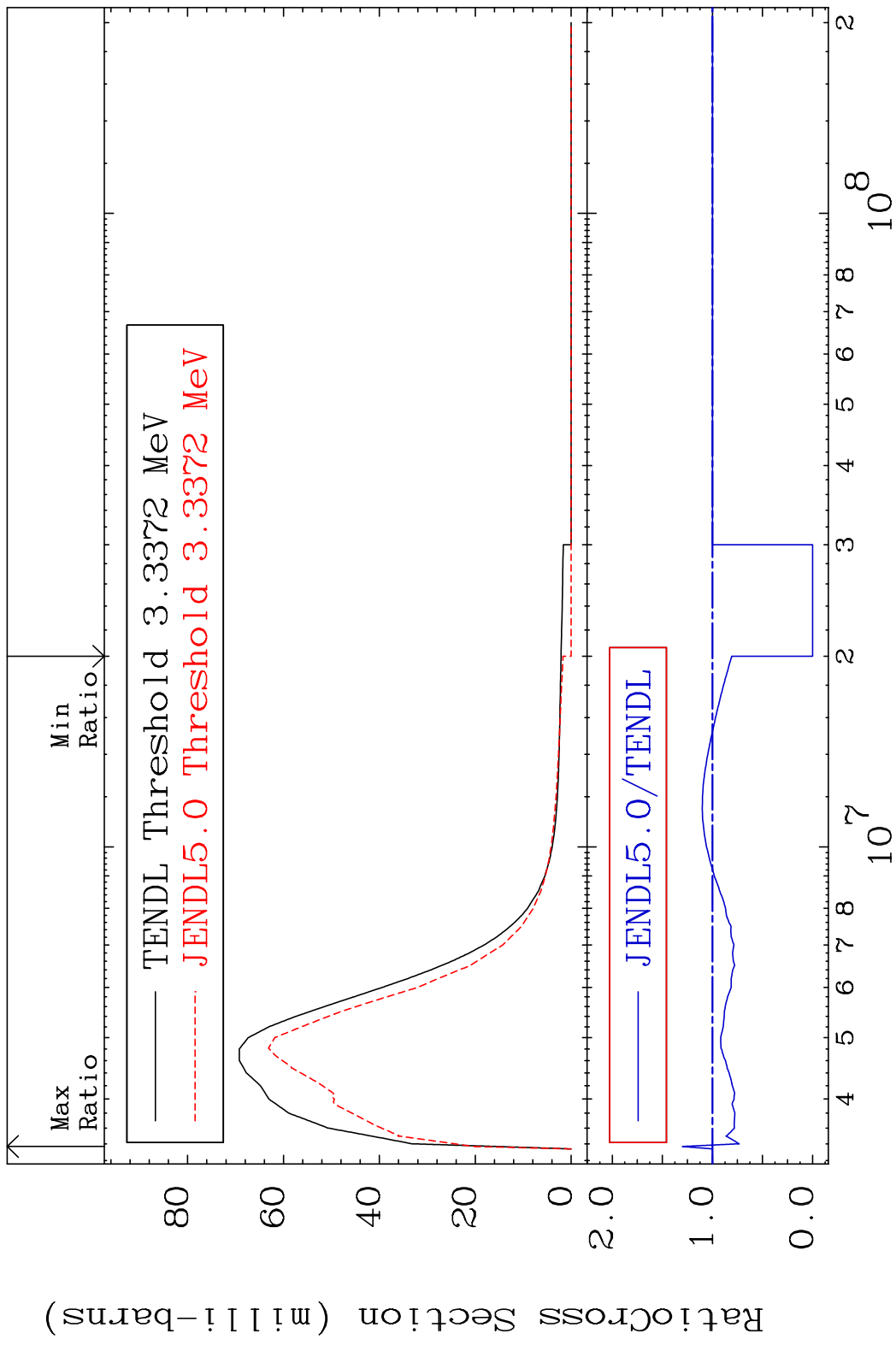
MAT 2046 MT= 54 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 130.6 %



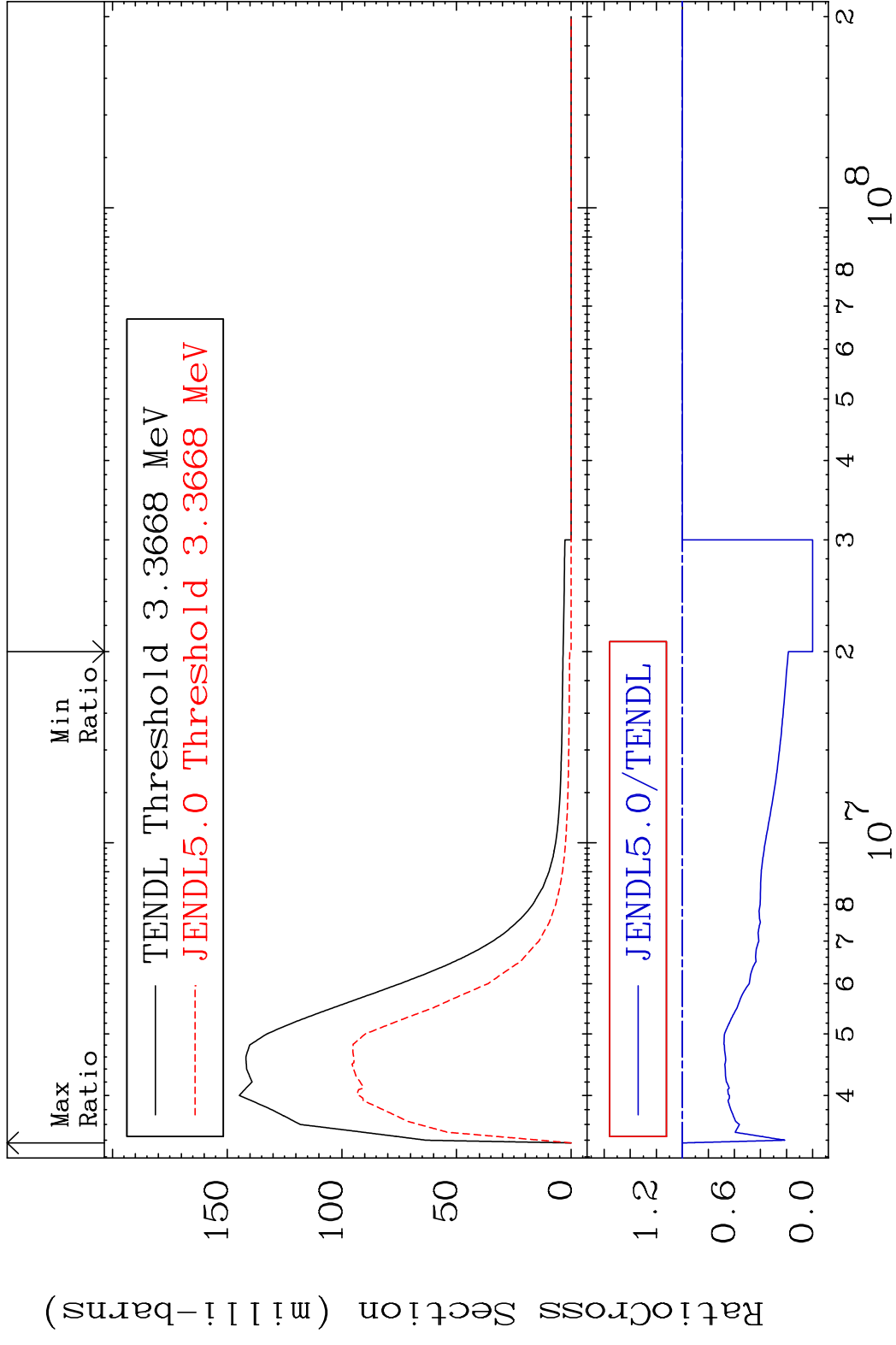
MAT 2046 MT= 55 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 4948. %



MAT 2046 MT= 56 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 30.01 %

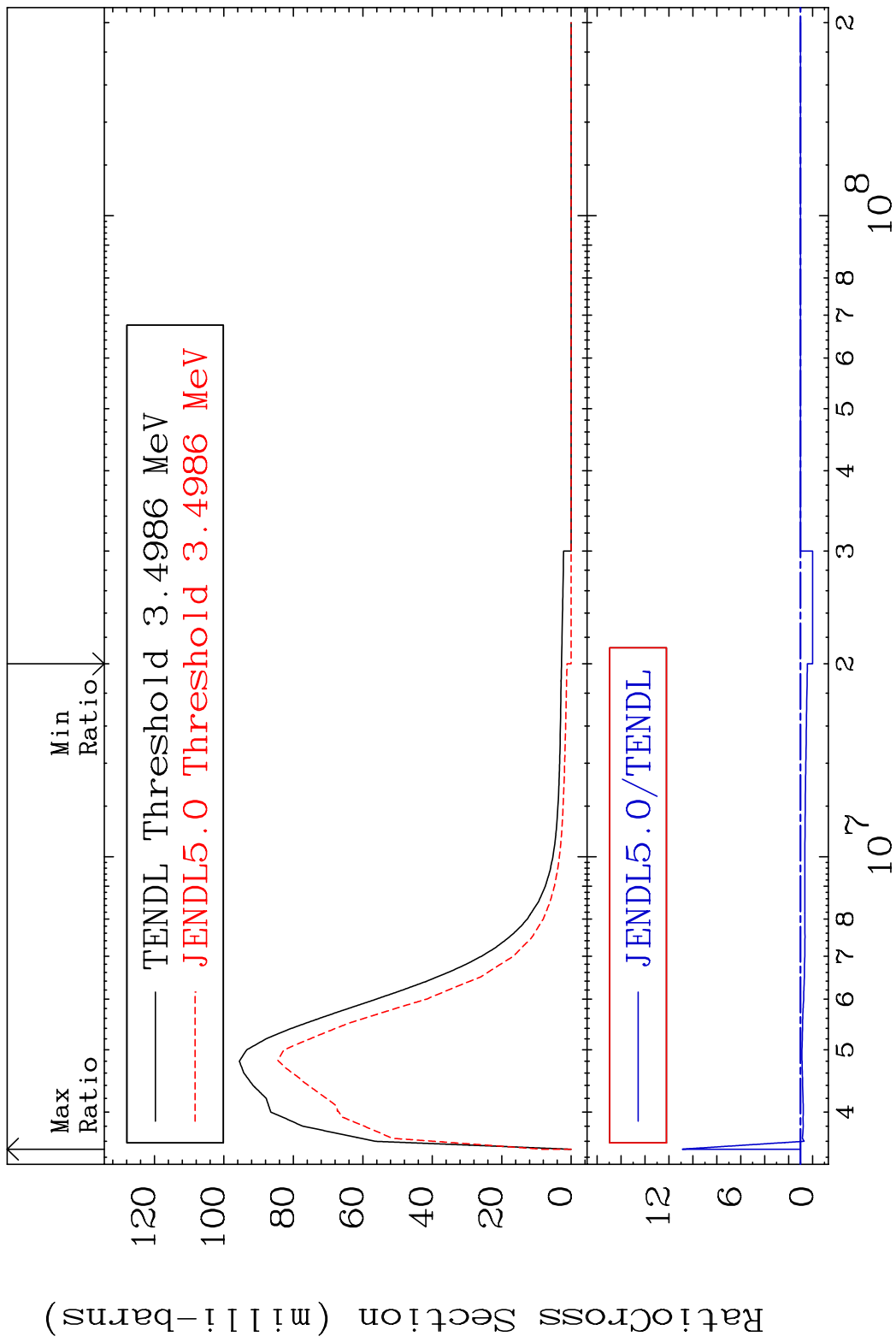


MAT 2046 MT= 57 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 0.000 %

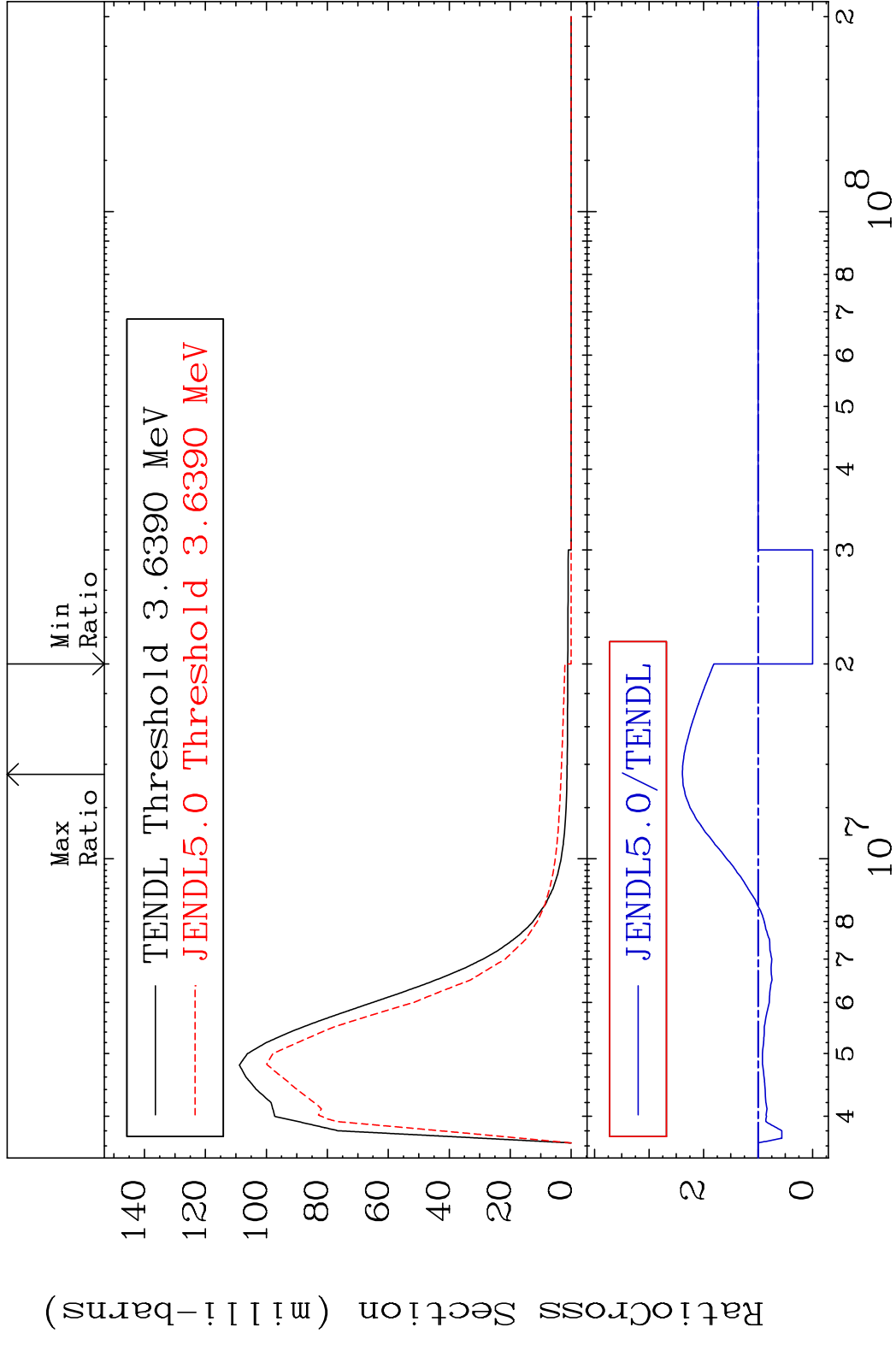




MAT 2046 MT= 58 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 988.3 %

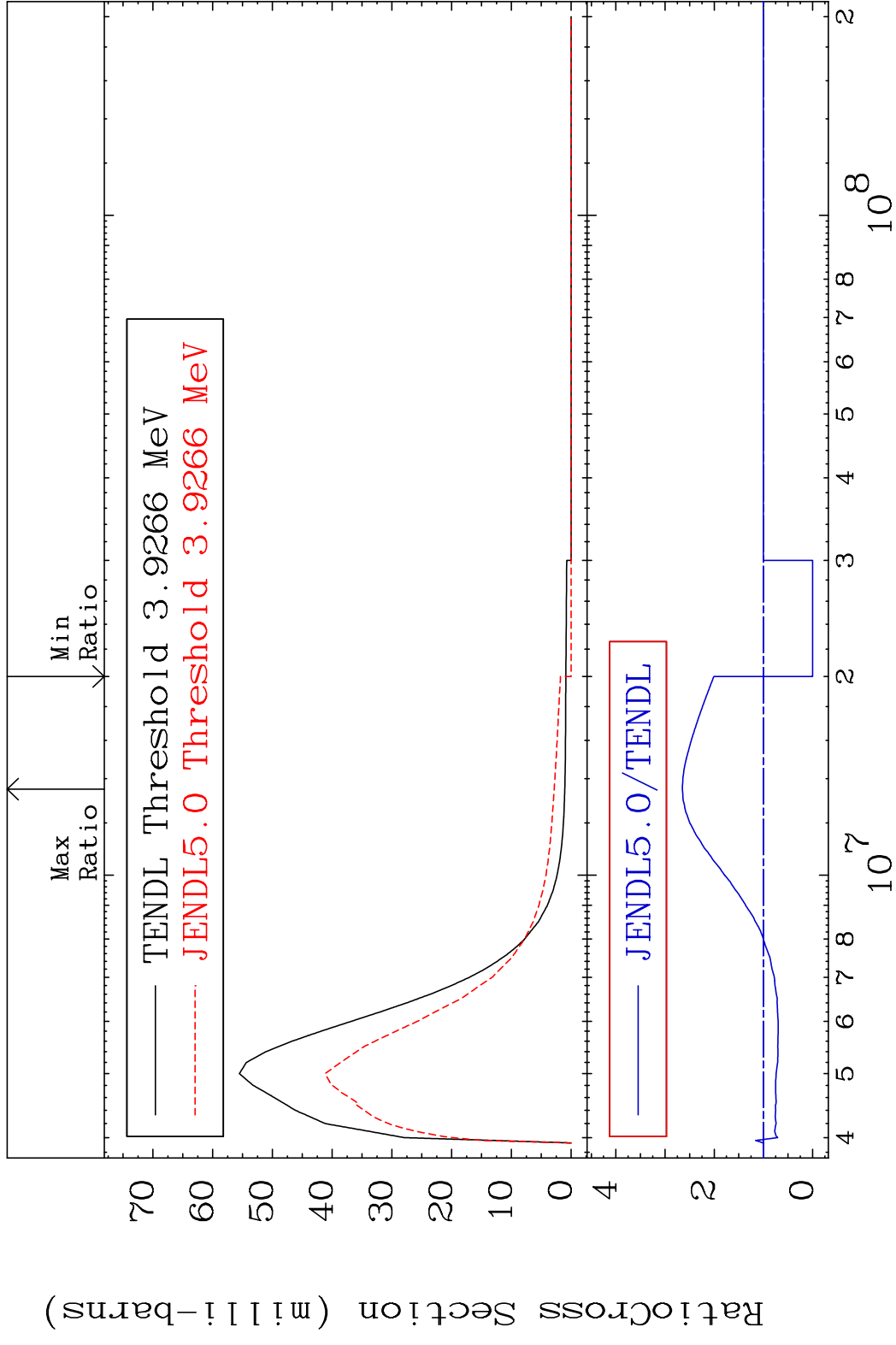


MAT 2046 MT= 59 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 138.9 %

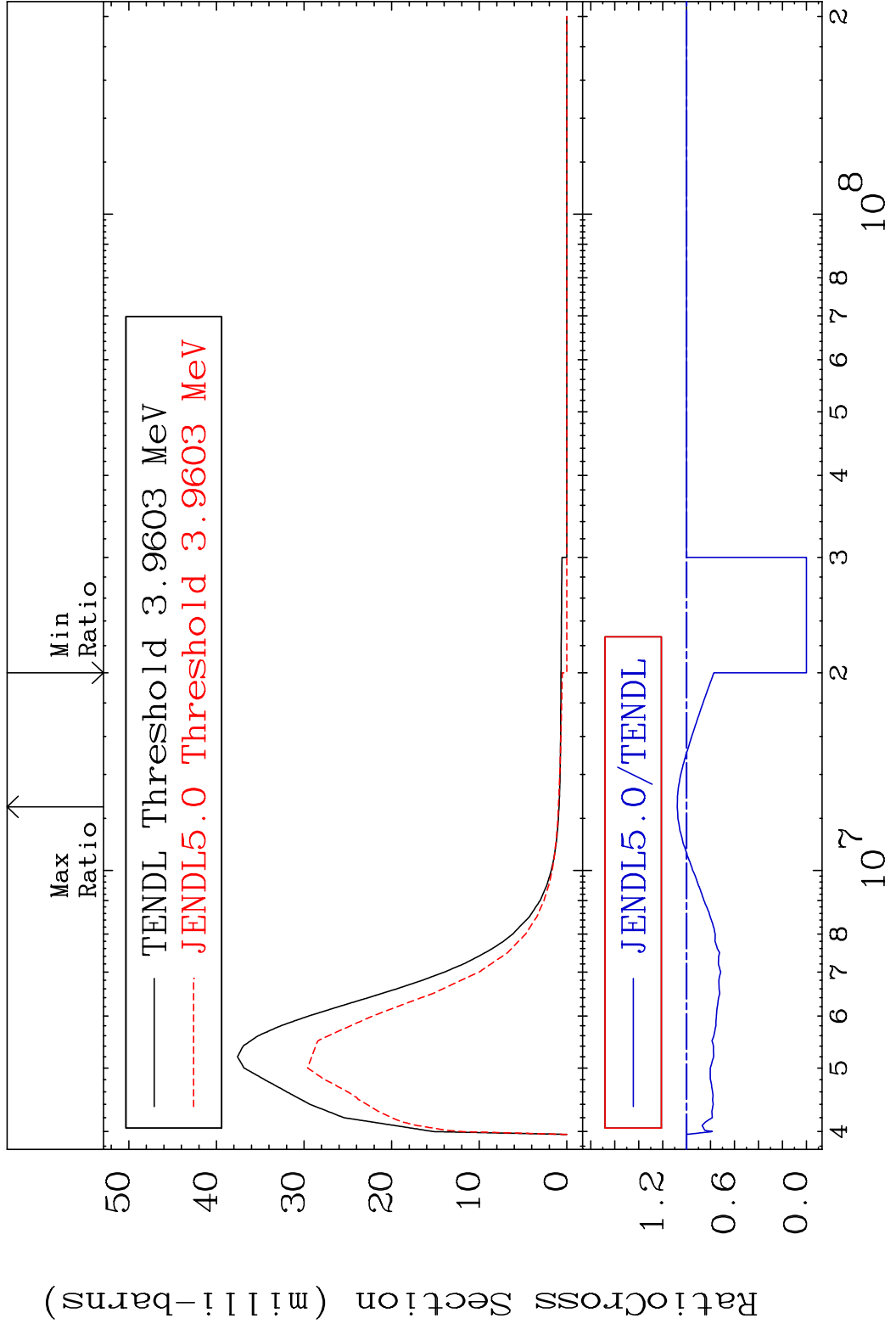


17 Incident Energy (eV) 20-Ca-47

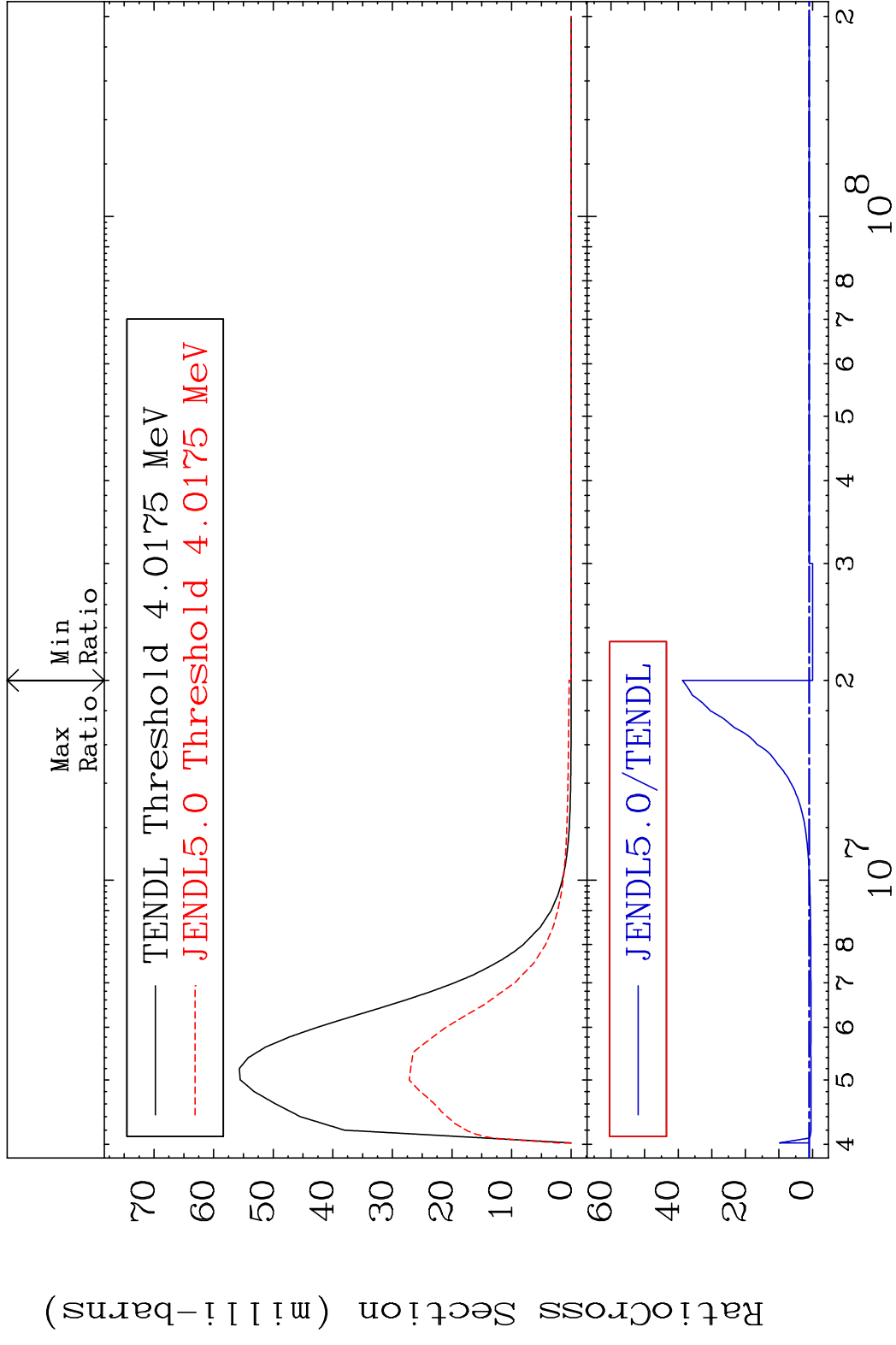
MAT 2046 MT= 60 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 164.8 %



MAT 2046 MT= 61 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 7.863 %

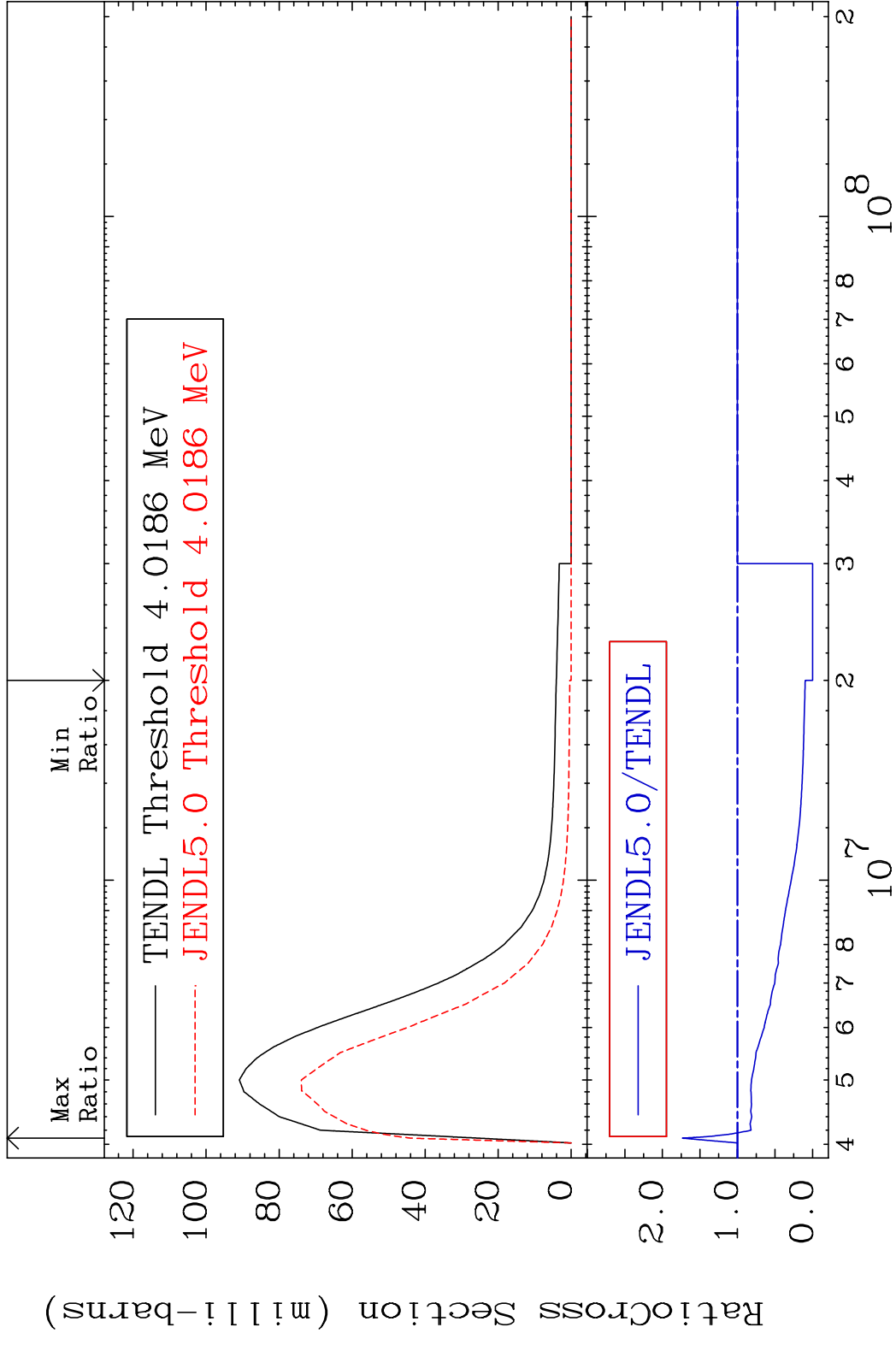


MAT 2046 MT= 62 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 3776. %

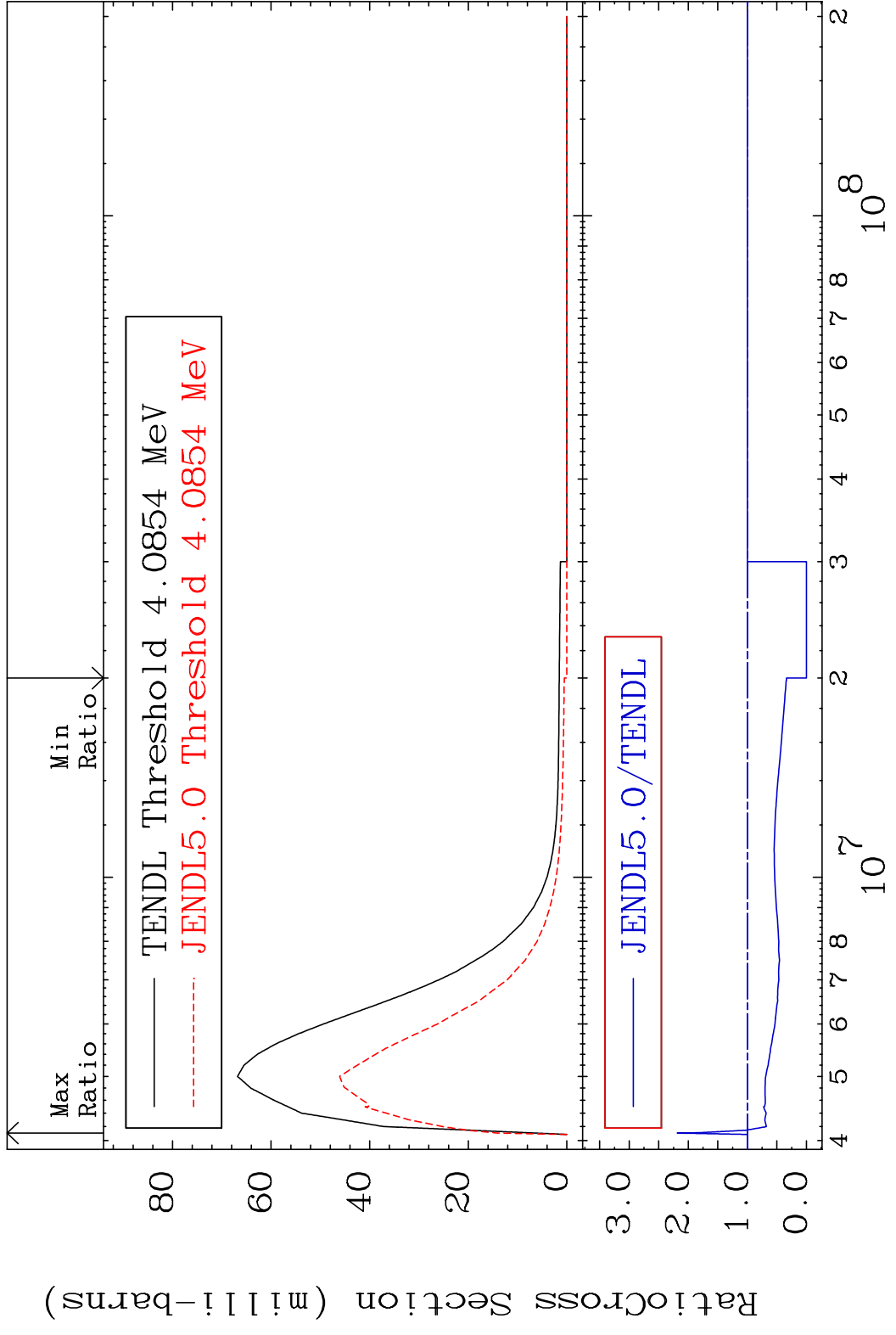


20 Incident Energy (eV) 20-Ca-47

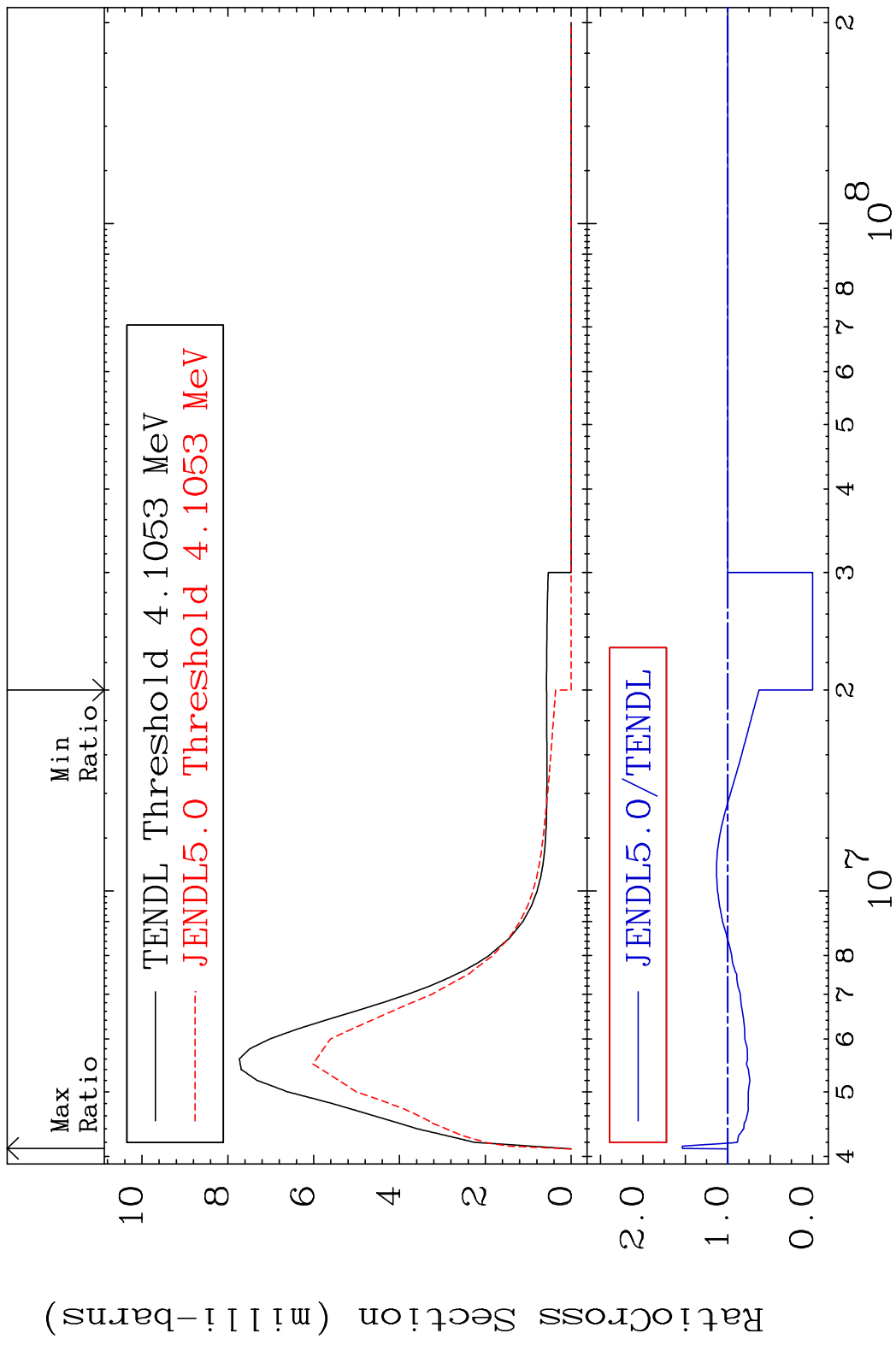
MAT 2046 MT= 63 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 73.39 %



MAT 2046 MT= 64 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 118.8 %

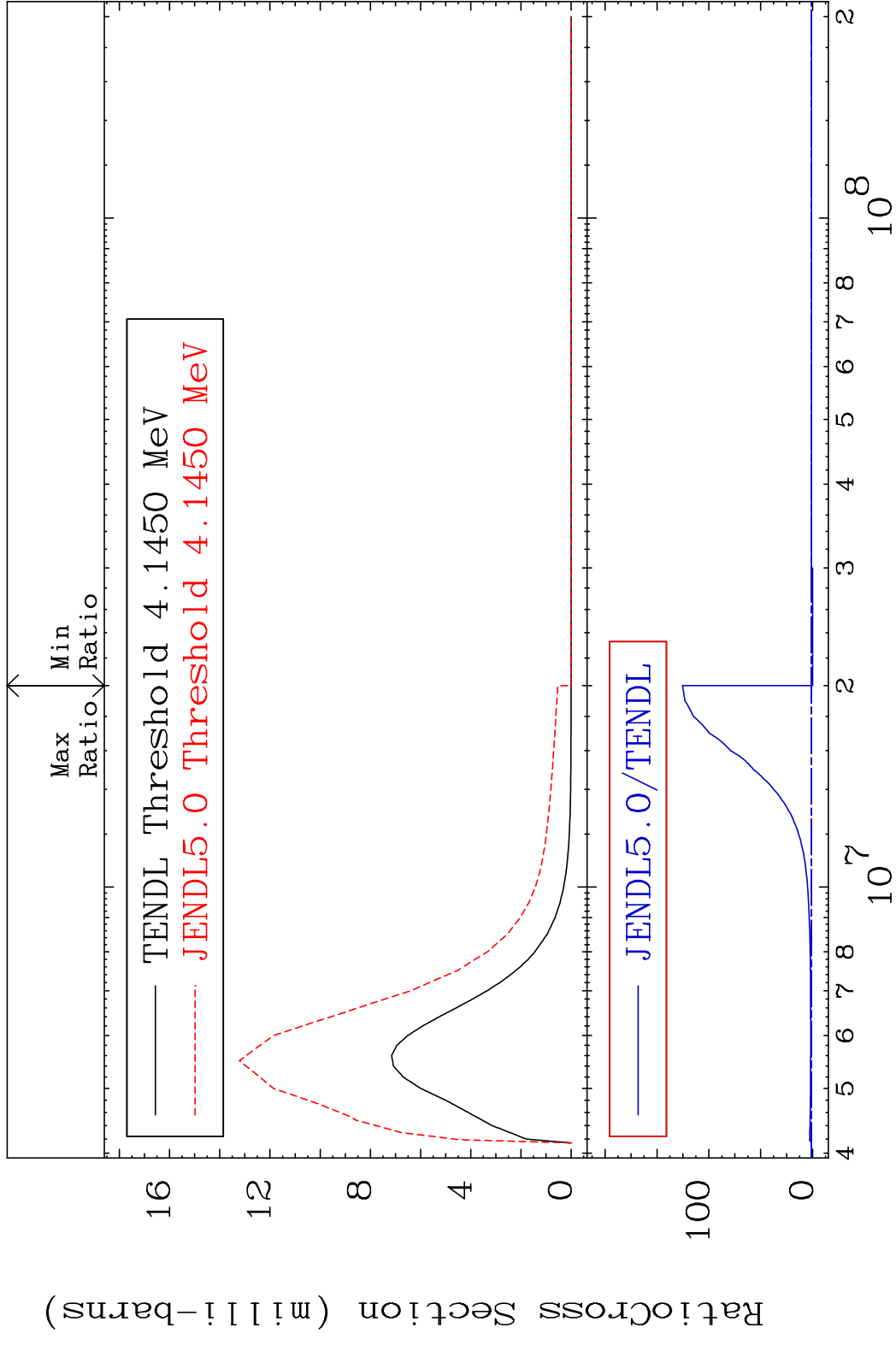


MAT 2046 MT= 65 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 53.58 %

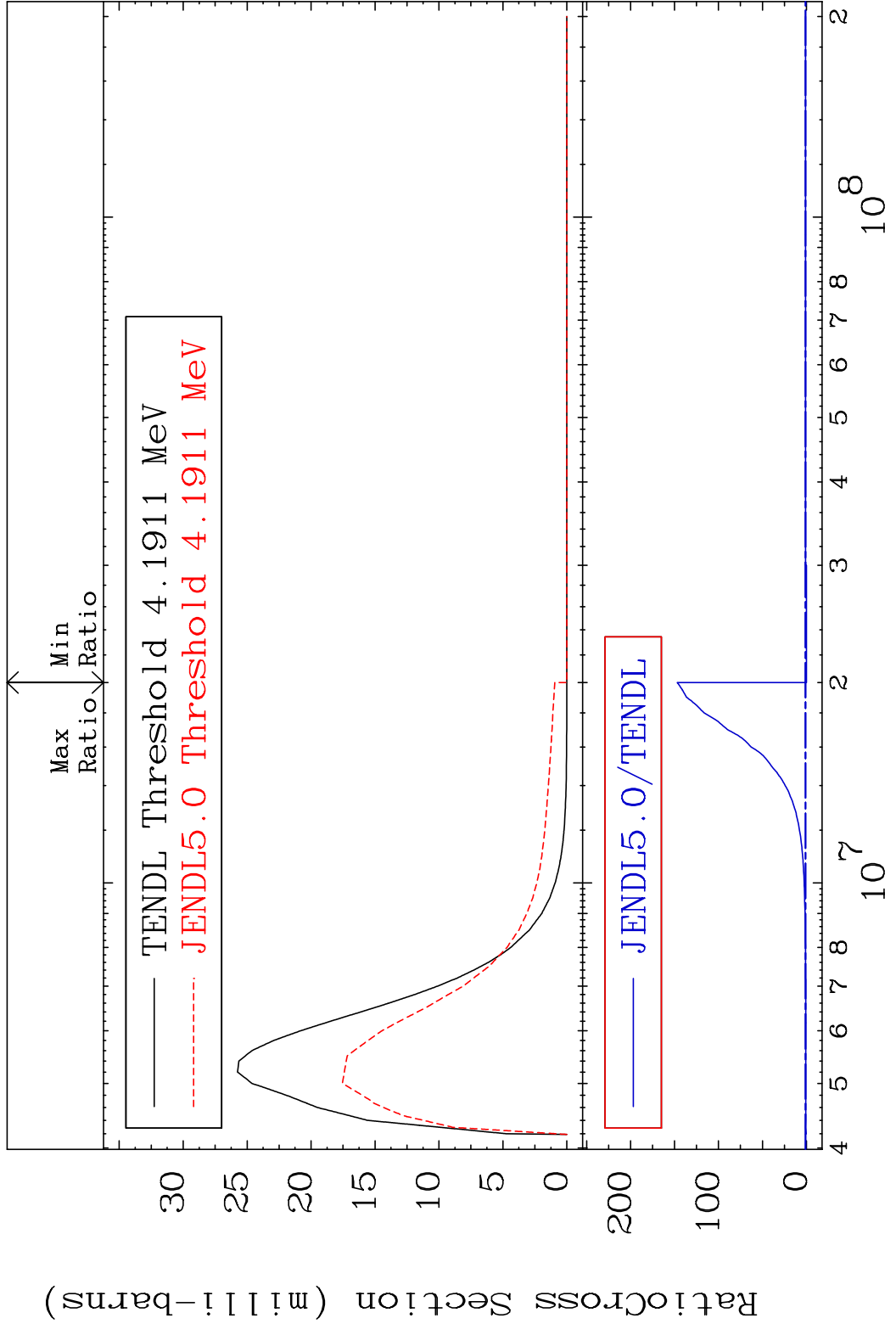




MAT 2046 MT= 66 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 9999. %

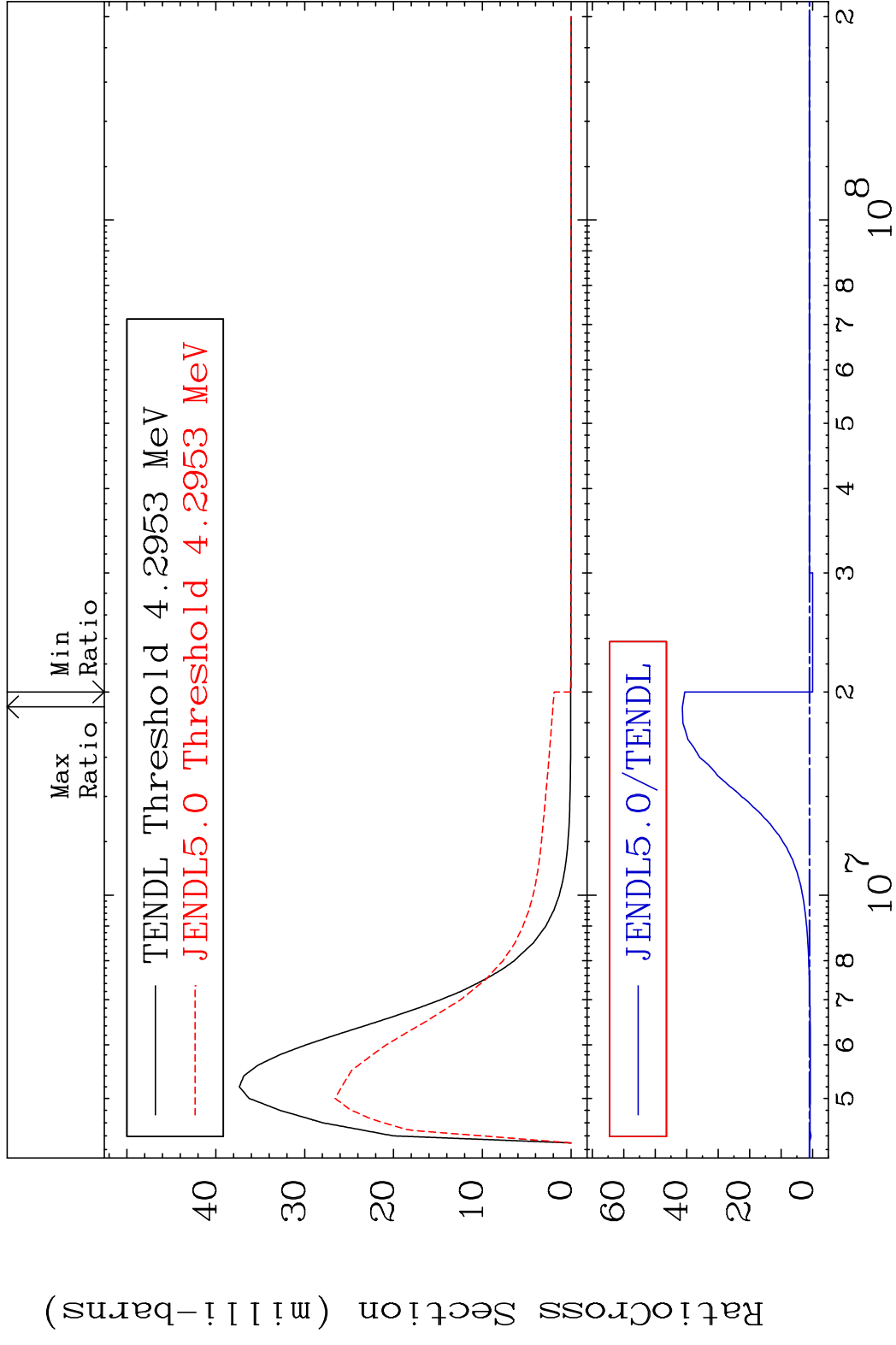


MAT 2046 MT= 67 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 9999. %

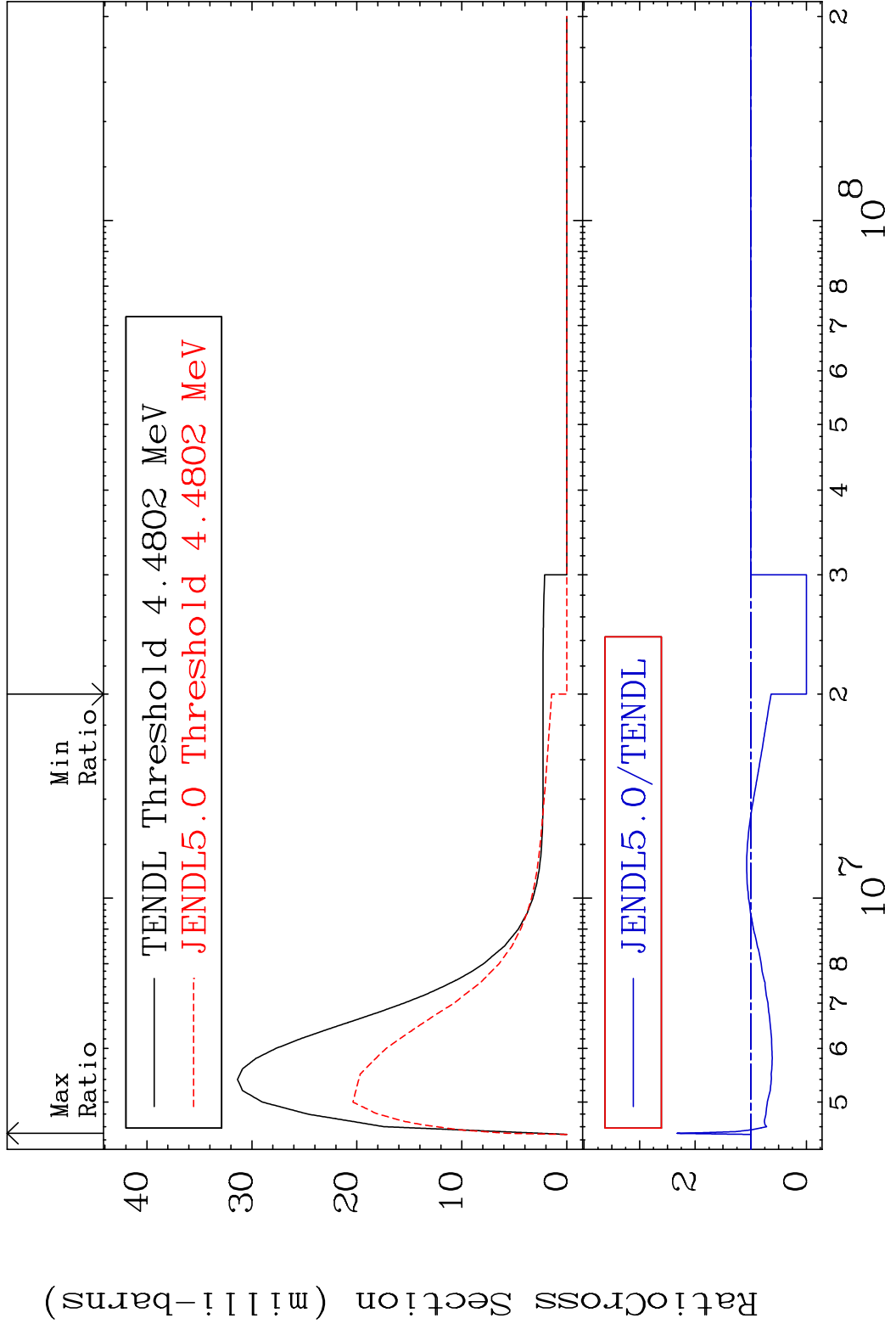


25 20-Ca-47

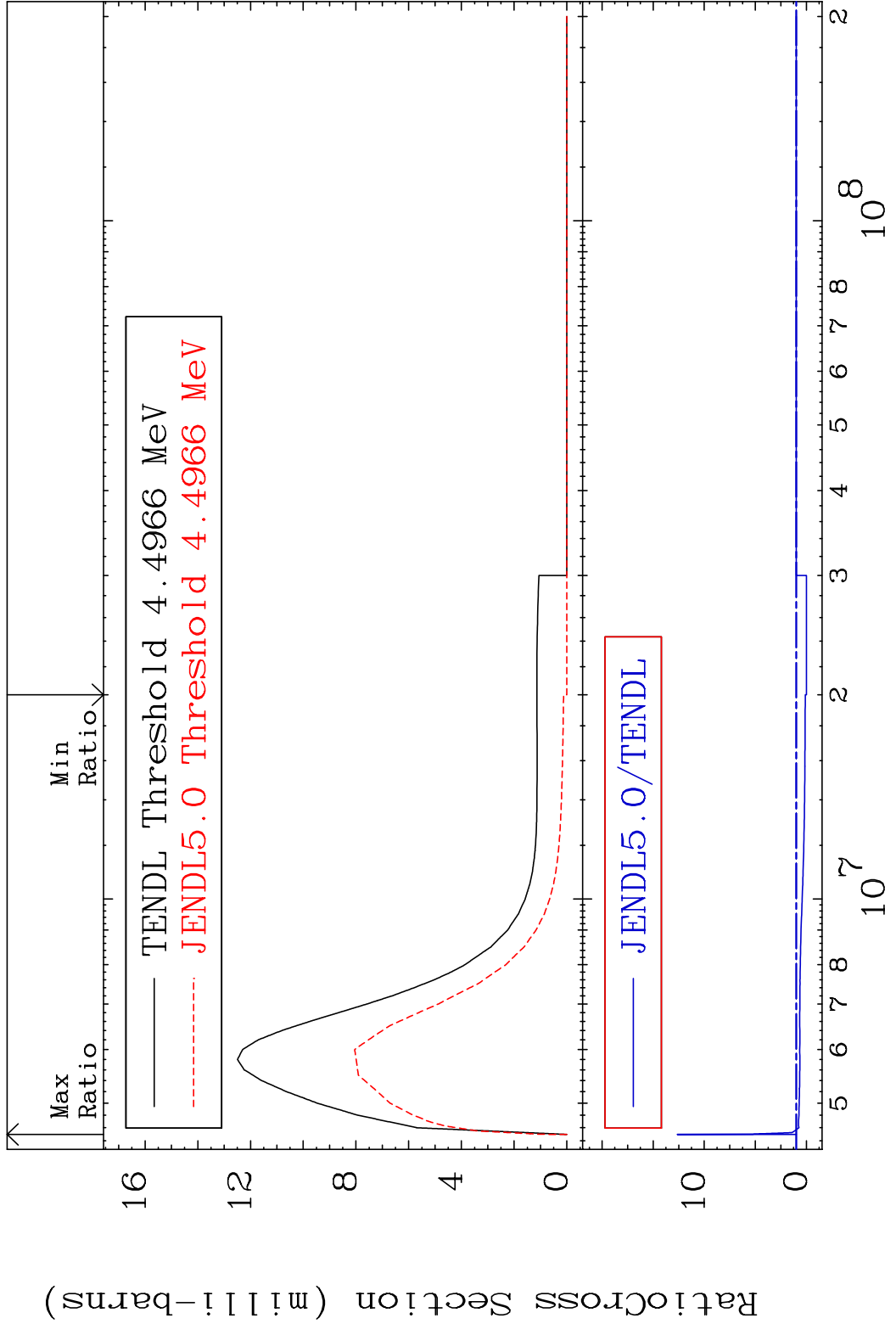
MAT 2046 MT= 68 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 4037. %



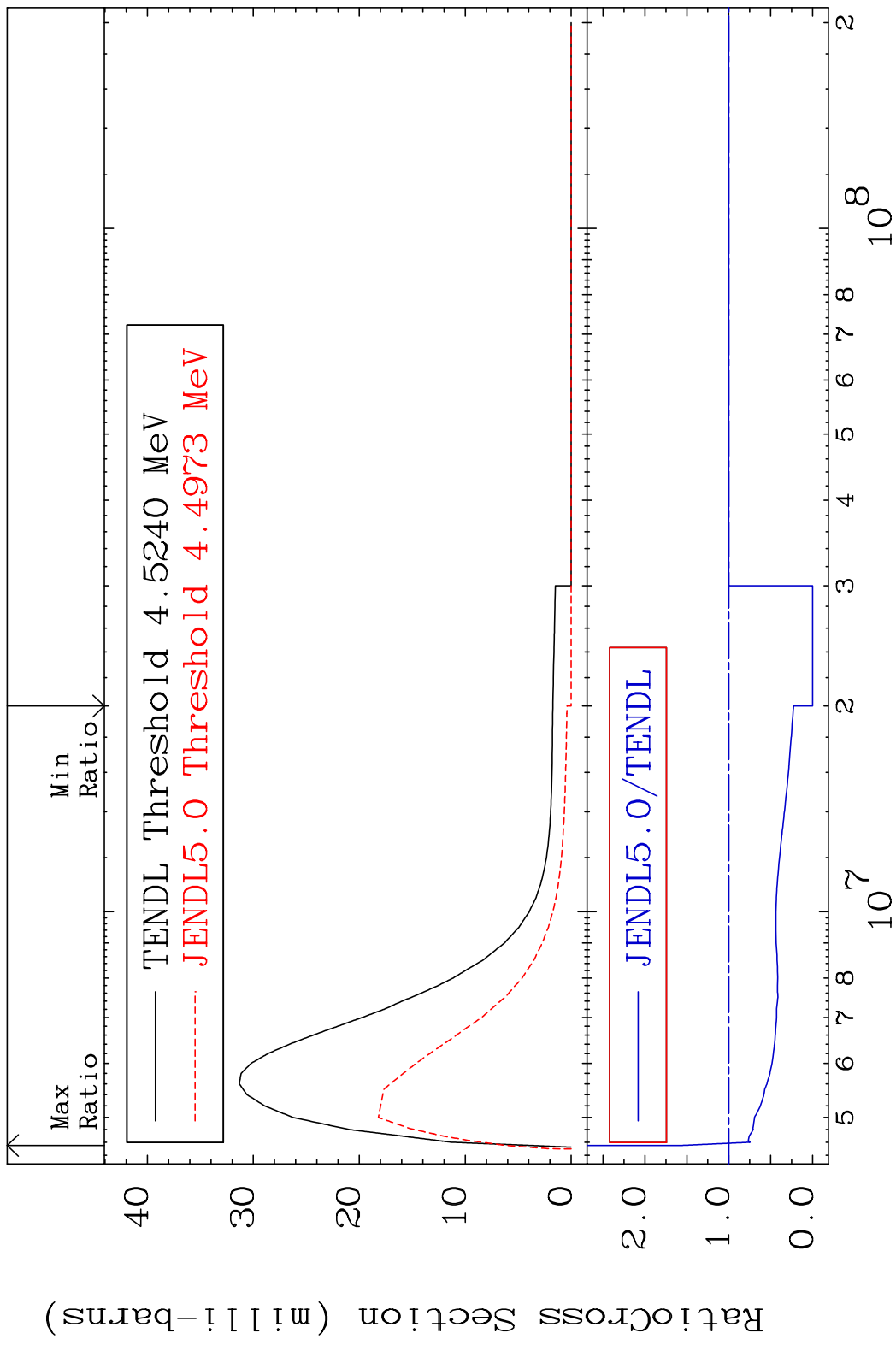
MAT 2046 MT= 69 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 132.4 %



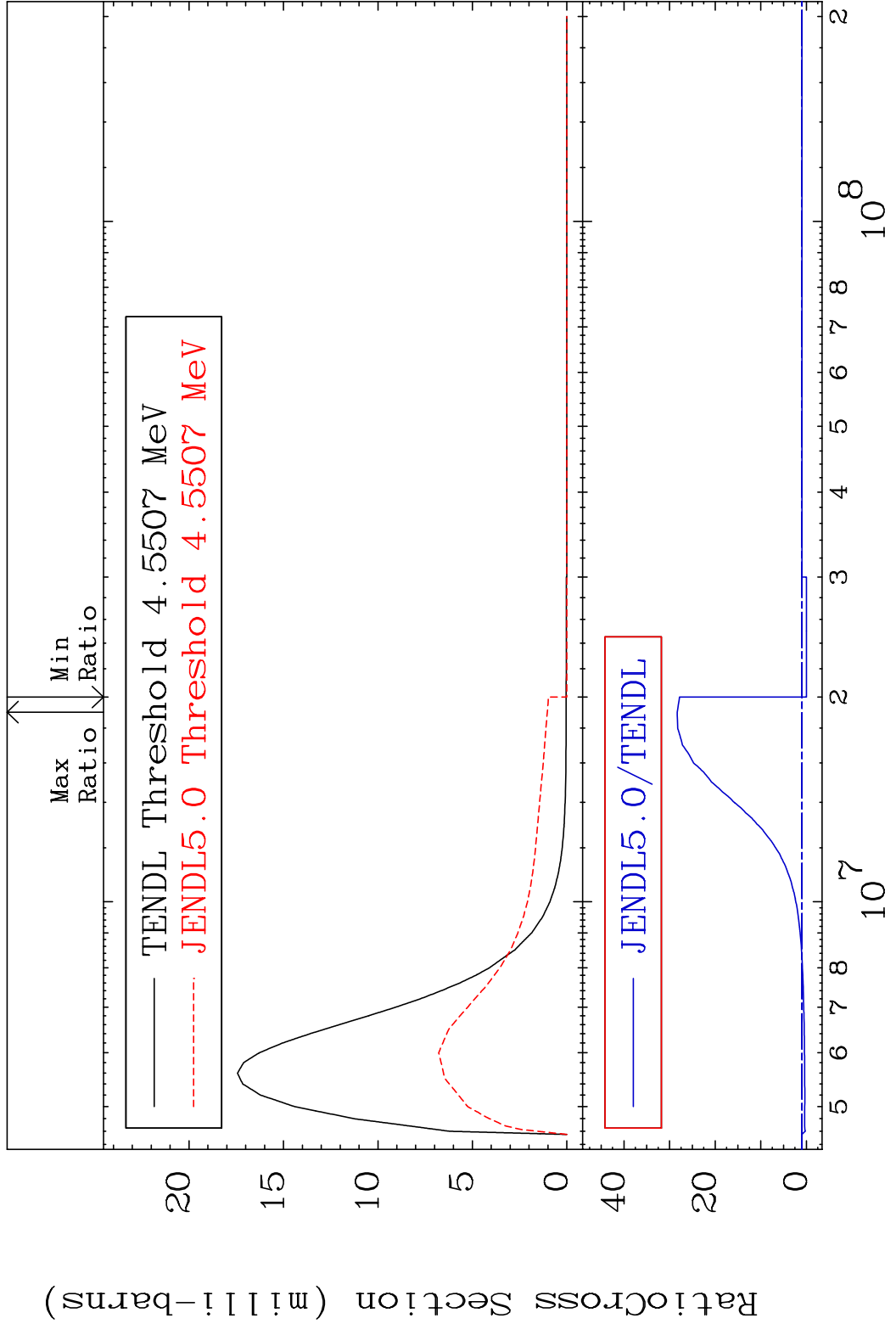
MAT 2046 MT= 70 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 1165. %



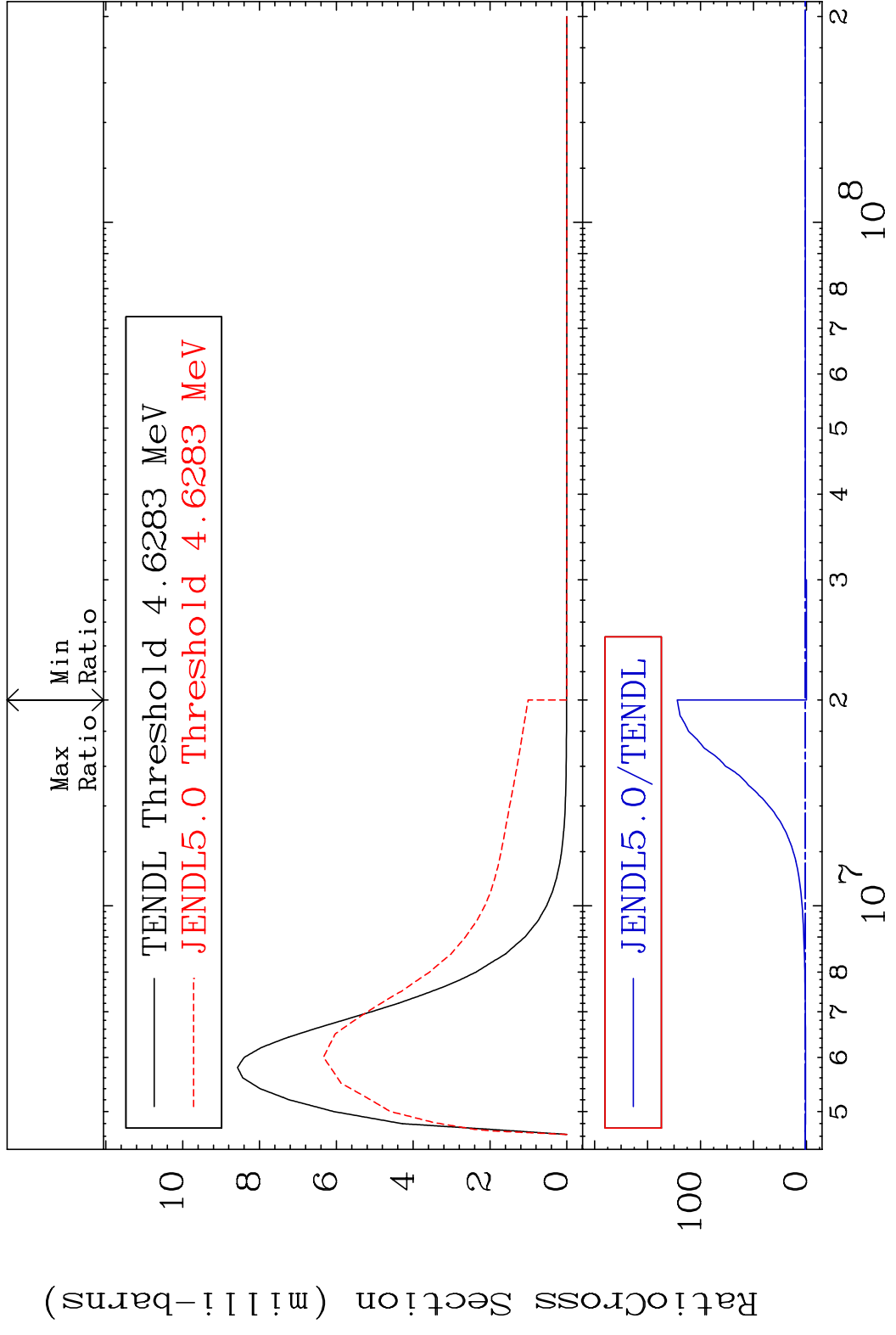
MAT 2046 MT= 71 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 55.36 %



MAT 2046 MT= 72 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 2733. %

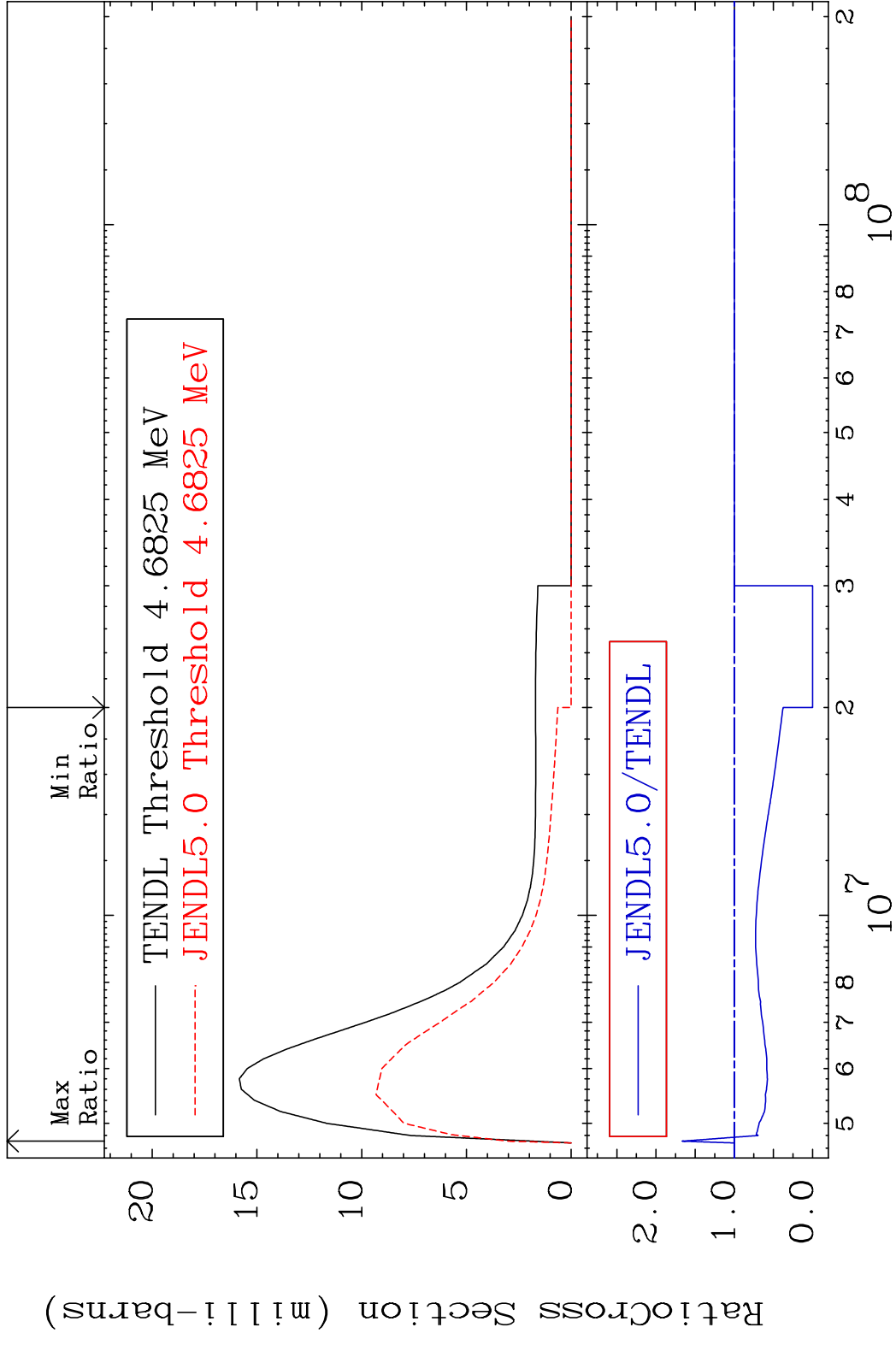


MAT 2046 MT= 73 (n, n') Level 20-Ca-47  
 Cross Section -100.0 To 9999. %



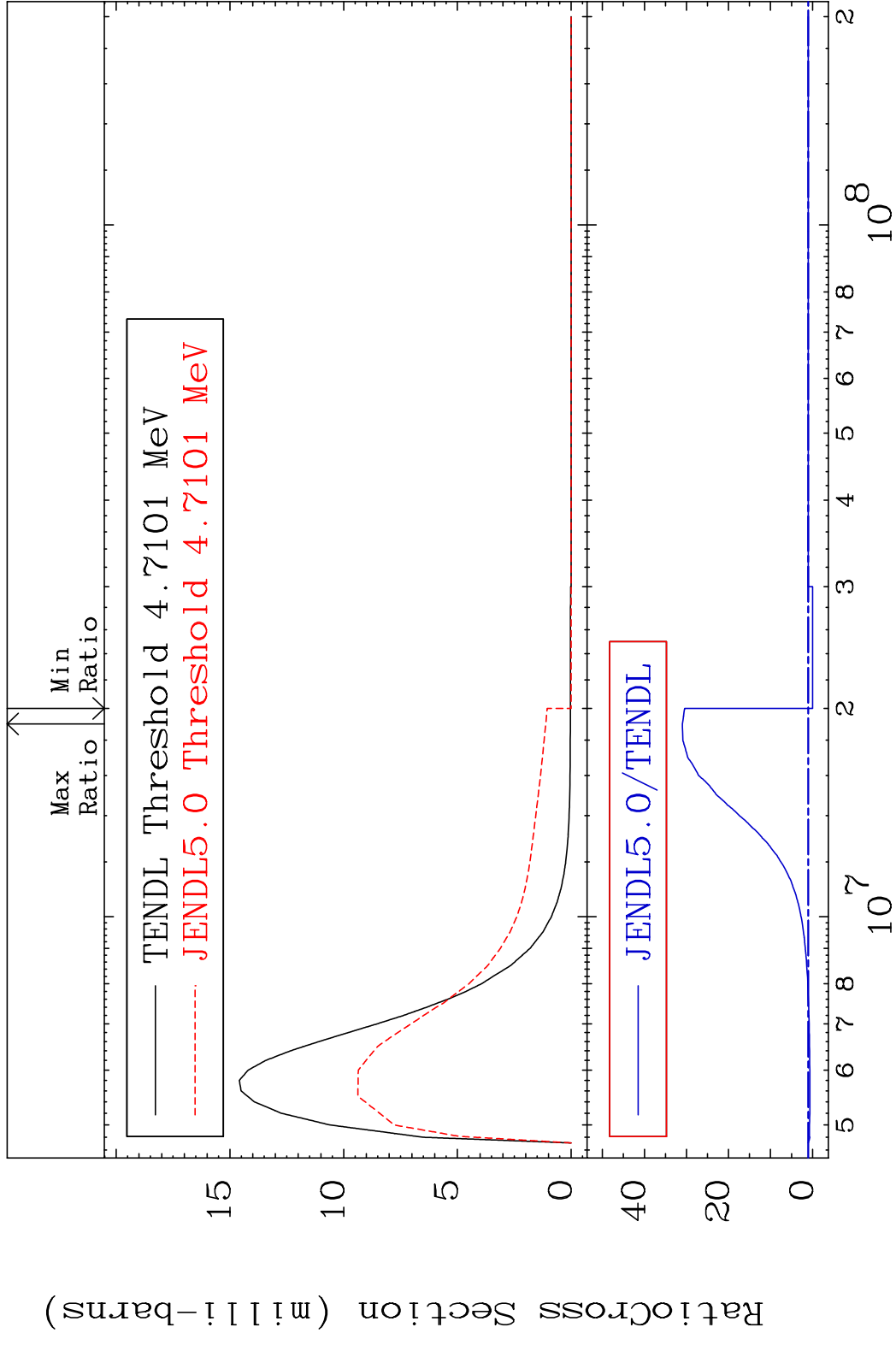


MAT 2046 MT= 74 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 66.32 %

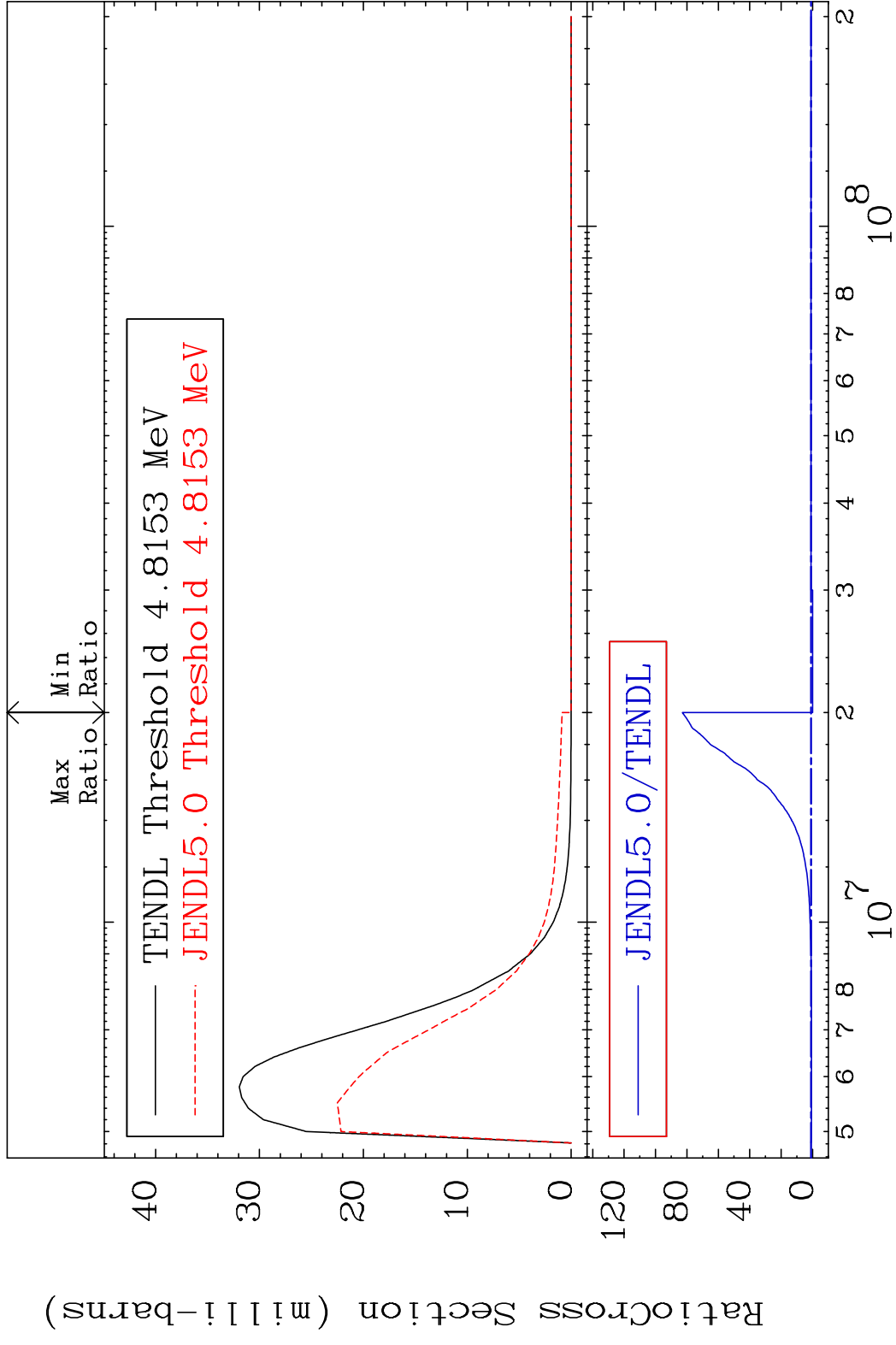


32 Incident Energy (eV) 20-Ca-47

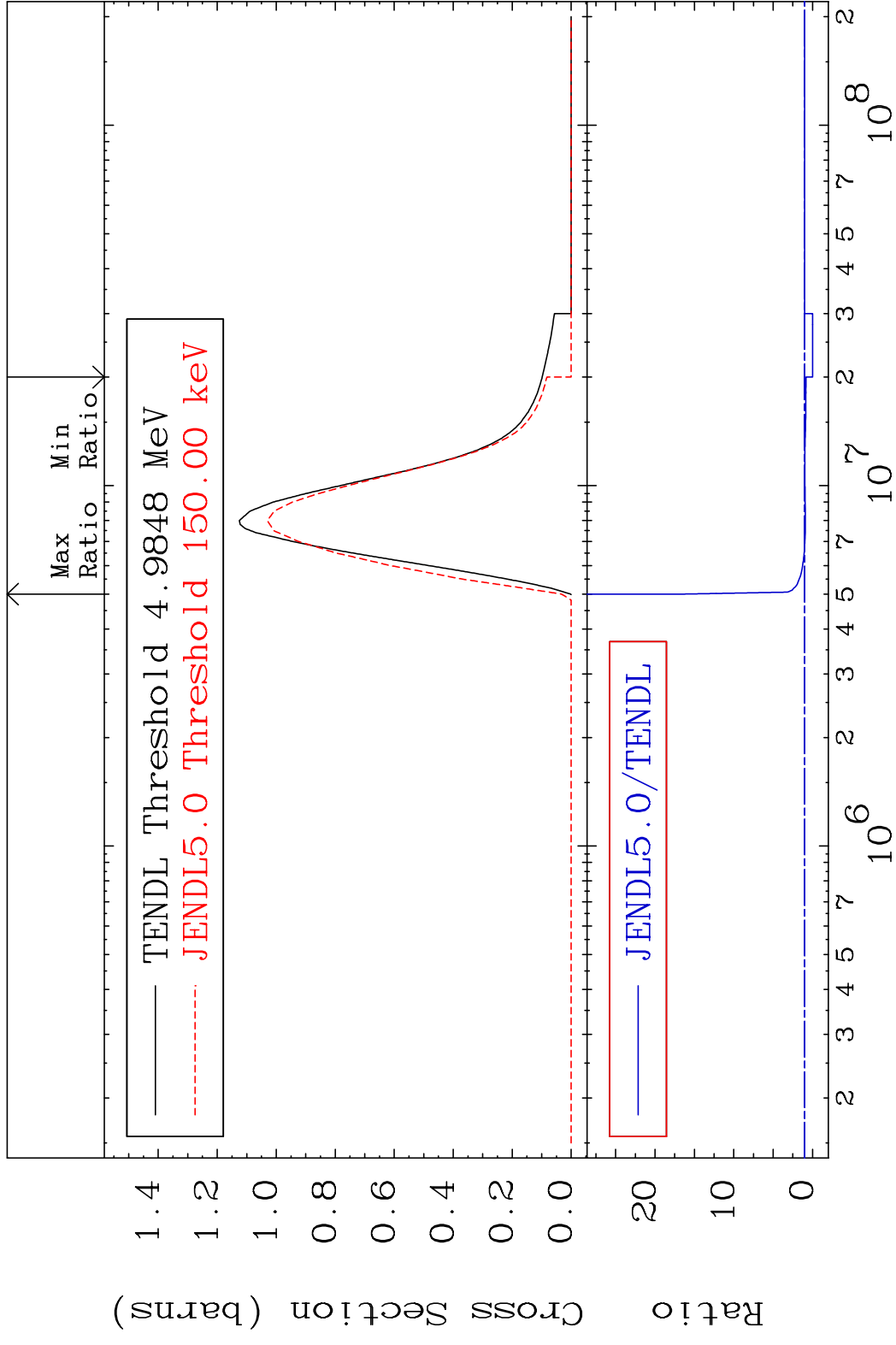
MAT 2046 MT= 75 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 2998. %



MAT 2046 MT= 76 (n,n') Level 20-Ca-47  
 Cross Section -100.0 To 8192. %

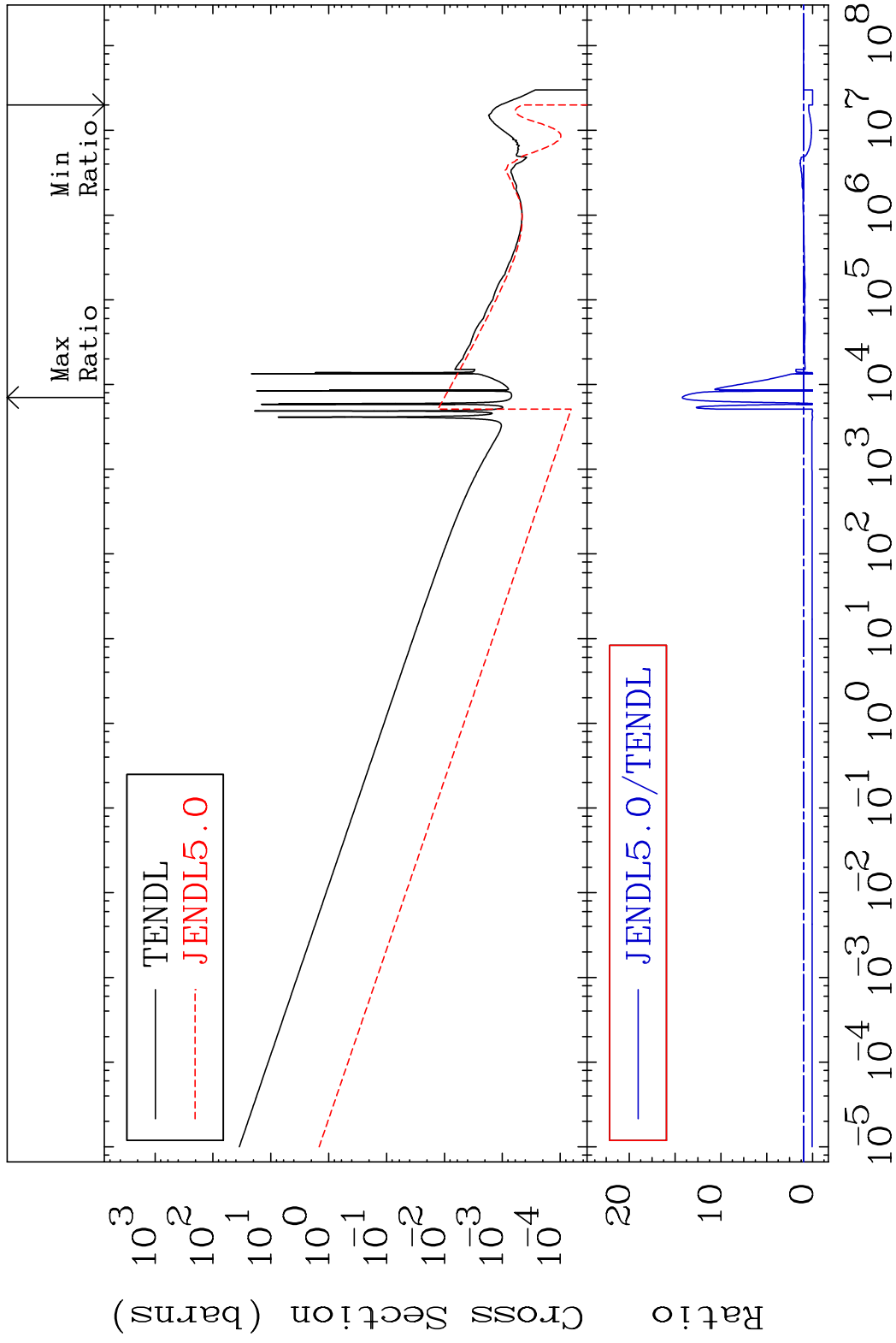


MAT 2046 (n,n') Continuum 20-Ca-47  
 Cross Section -100.0 To 1553. %



MAT 2046

(n,  $\gamma$ )  
Cross Section -100.0 To 1320. %  
20-Ca-47

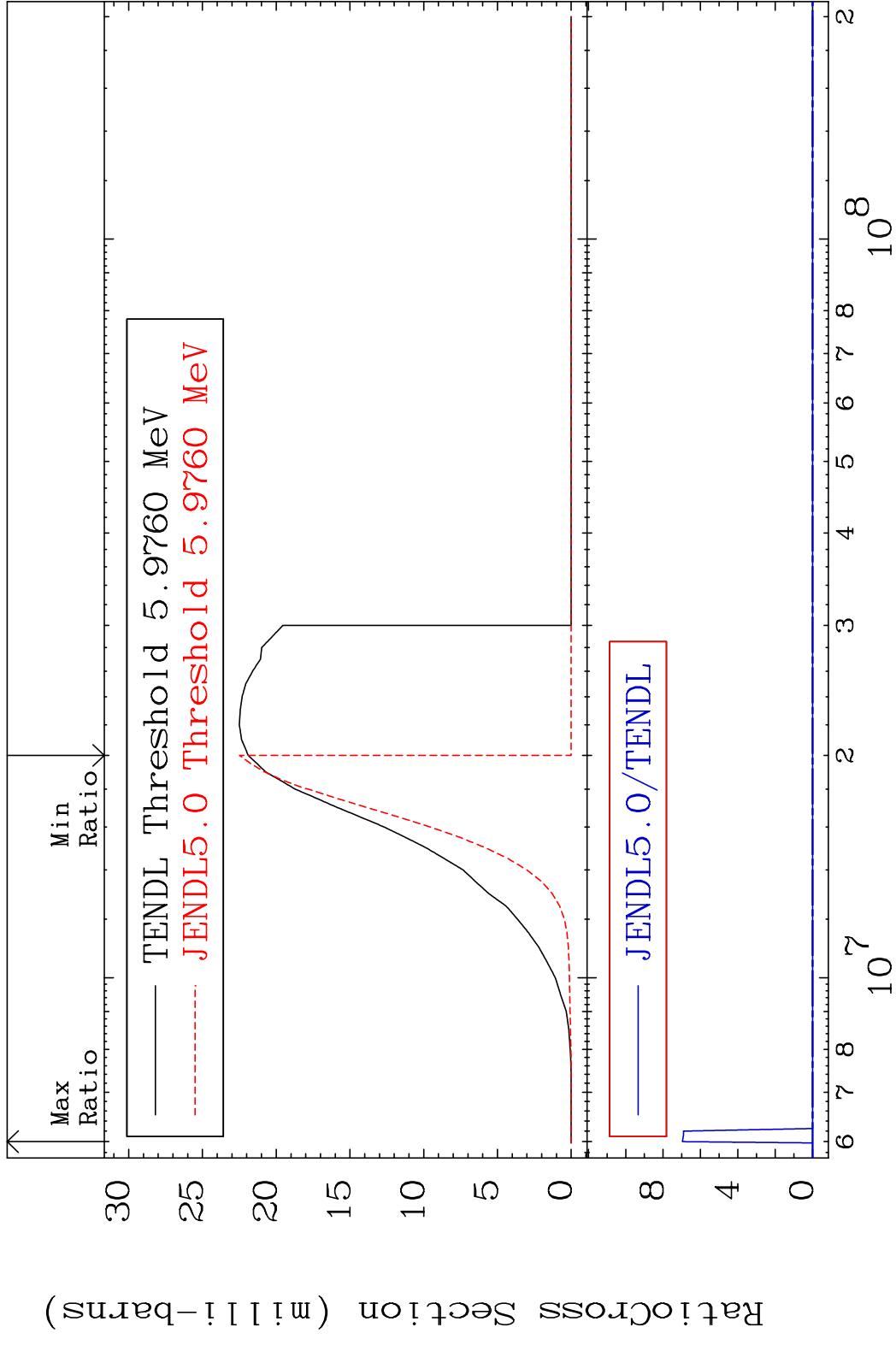


36

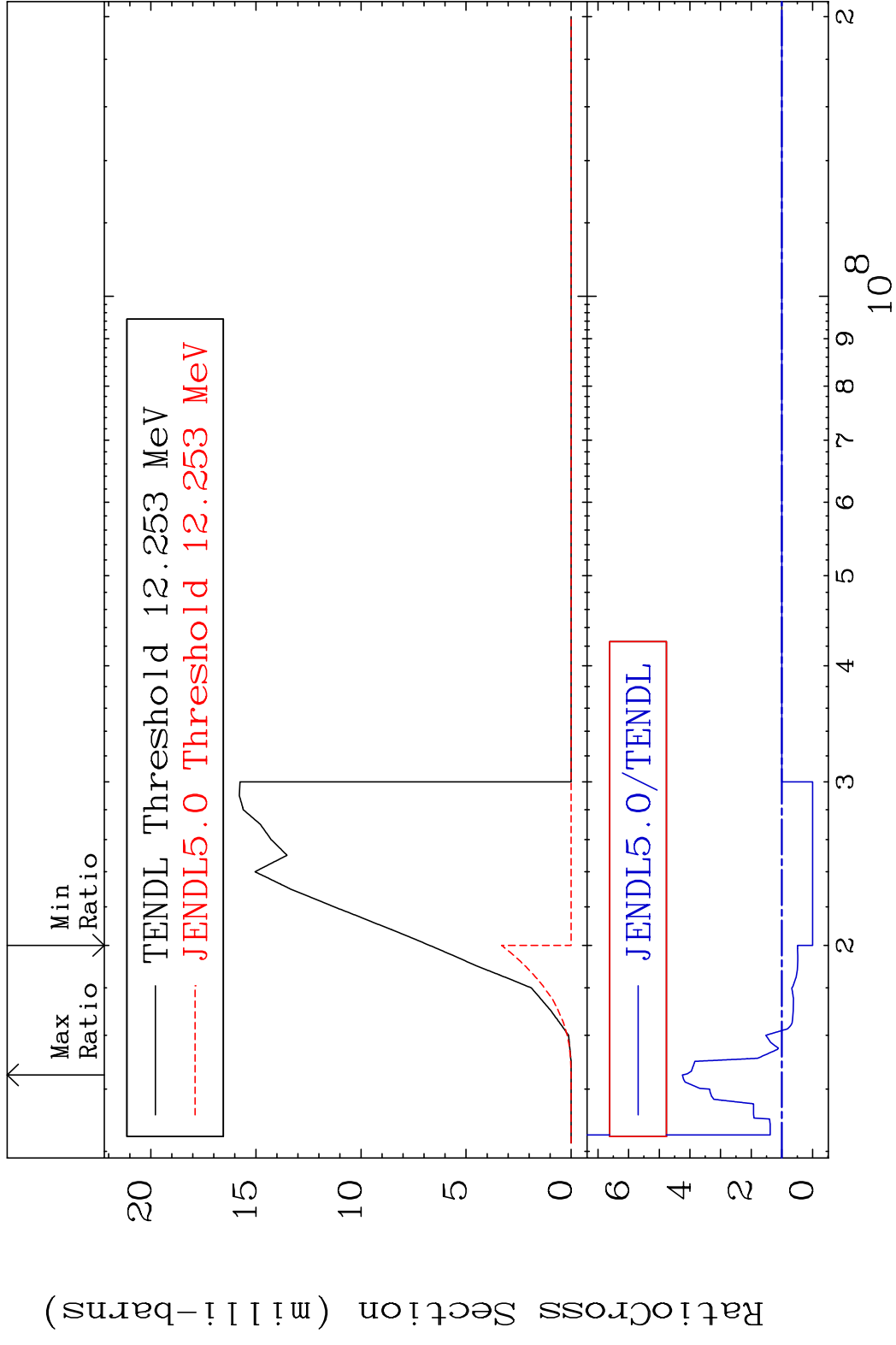
Incident Energy (eV)

20-Ca-47

MAT 2046 (n,p) 20-Ca-47  
 Cross Section -100.0 To 9999. %



MAT 2046 (n,d) 20-Ca-47  
 Cross Section -100.0 To 324.7 %

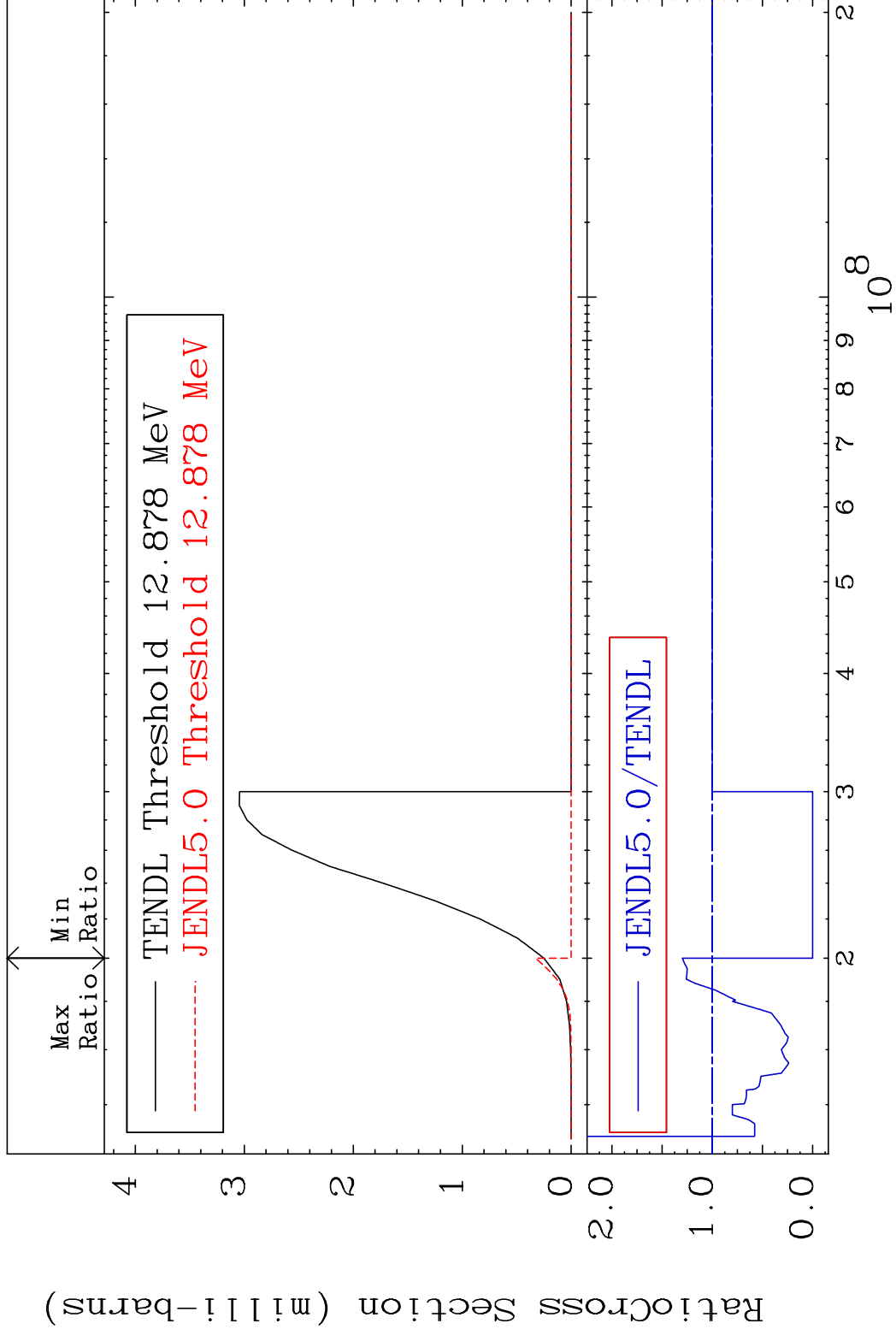


MAT 2046

(n, t)

20-Ca-47

Cross Section -100.0 To 29.74 %



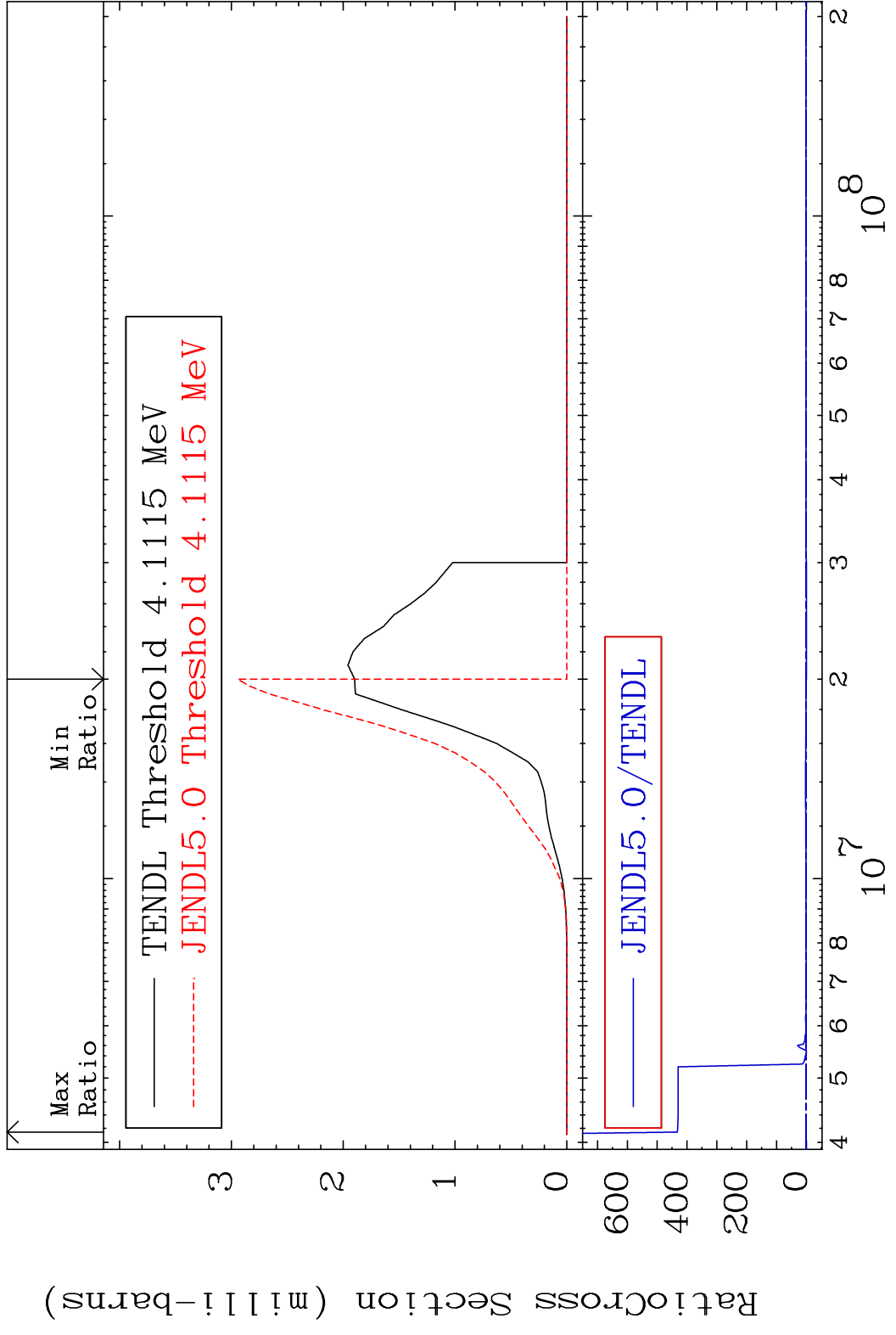
39

Incident Energy (eV)

20-Ca-47

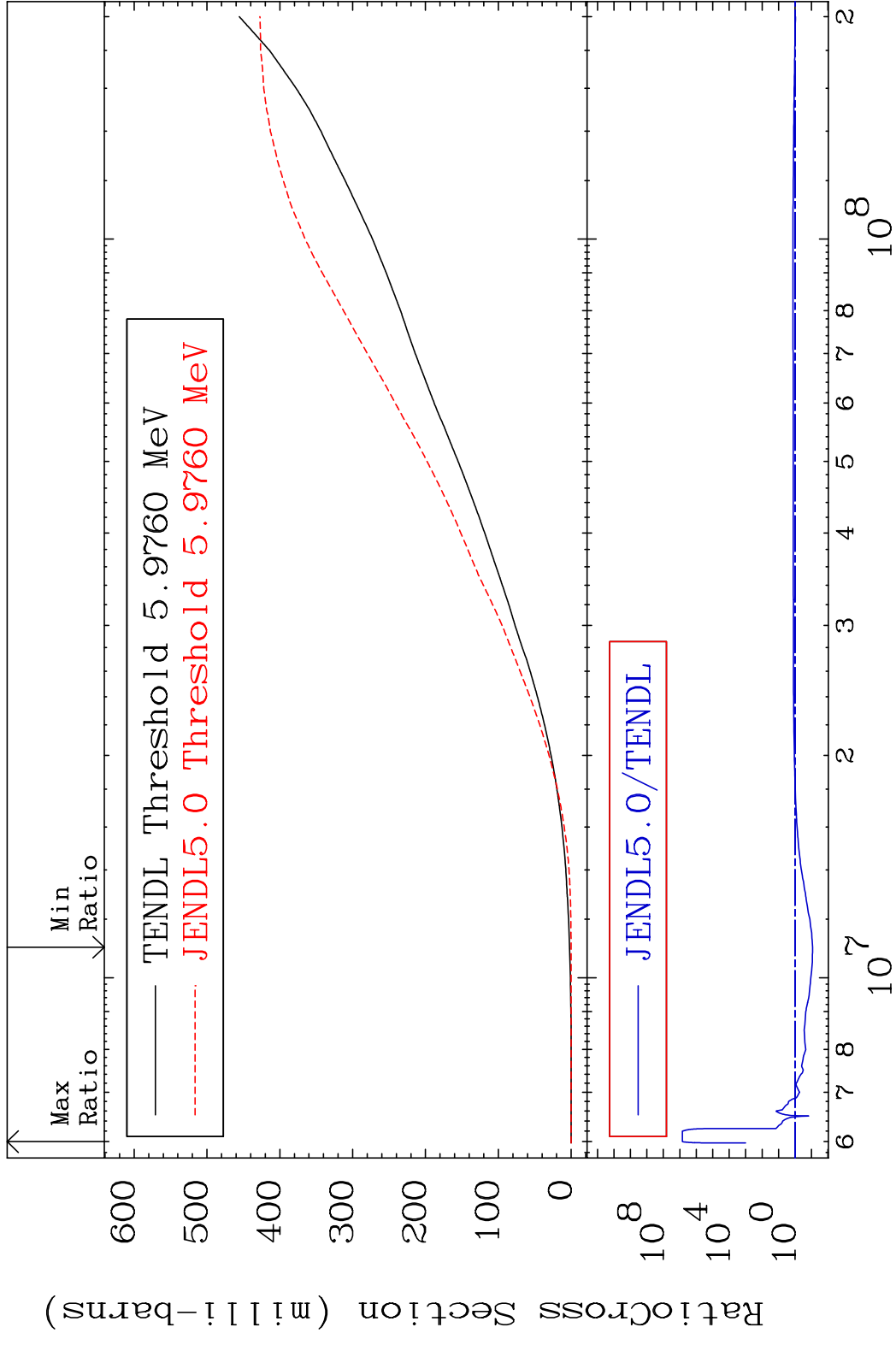


MAT 2046 (n,  $\alpha$ ) 20-Ca-47  
 Cross Section -100.0 To 9999. %

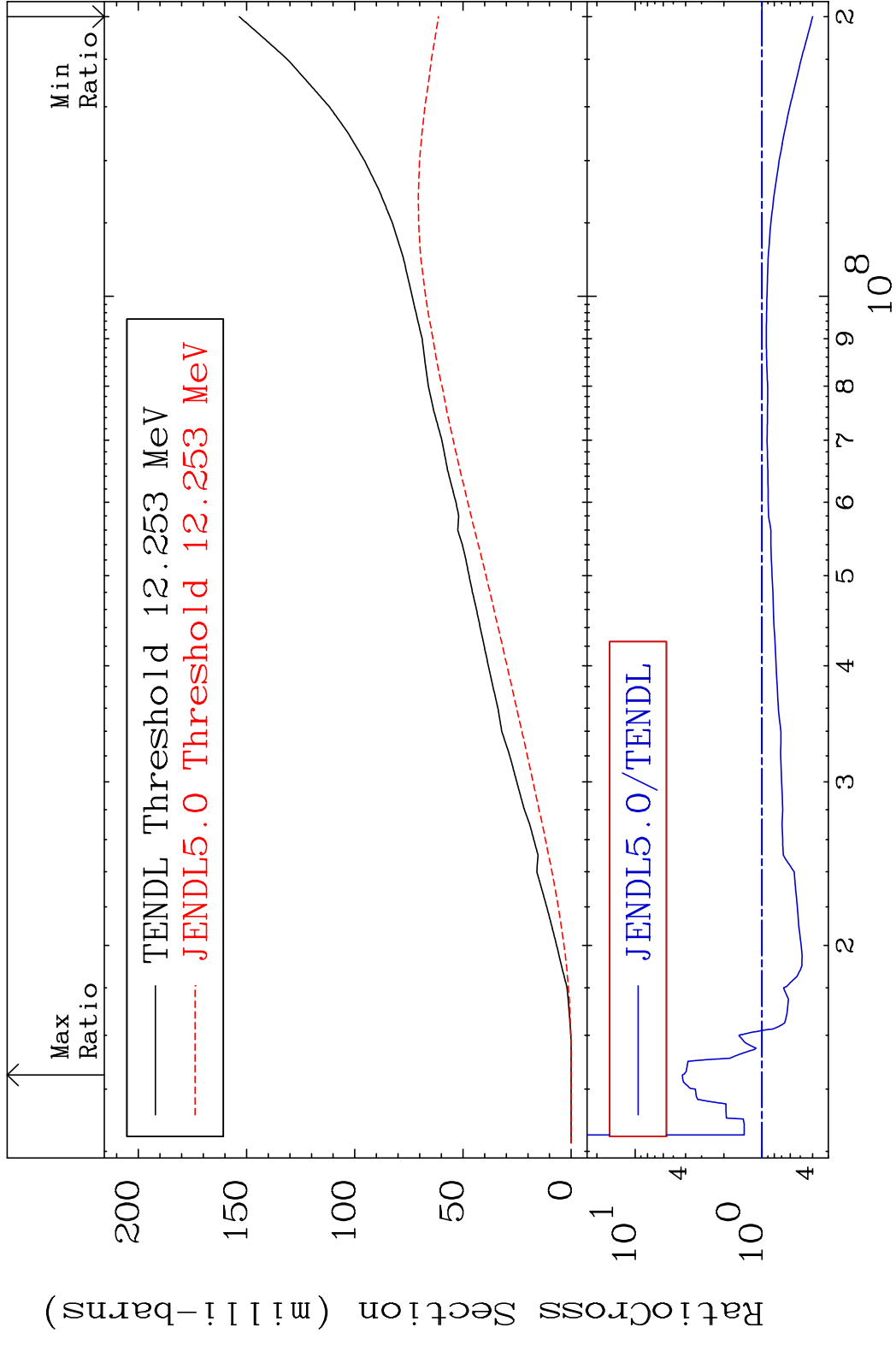


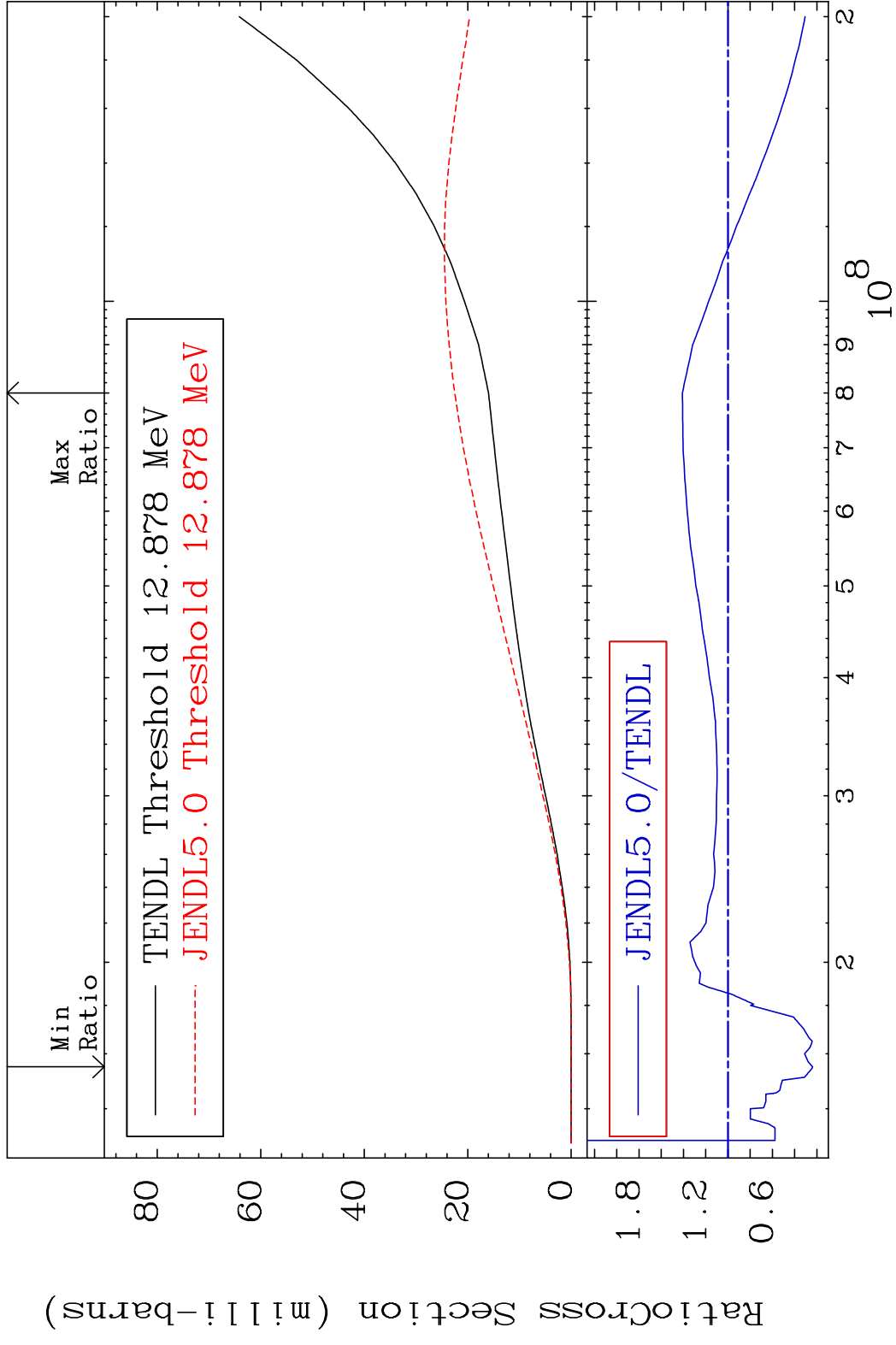
40 40

MAT 2046 Hydrogen Production 20-Ca-47  
 Cross Section -91.38 To 9999. %

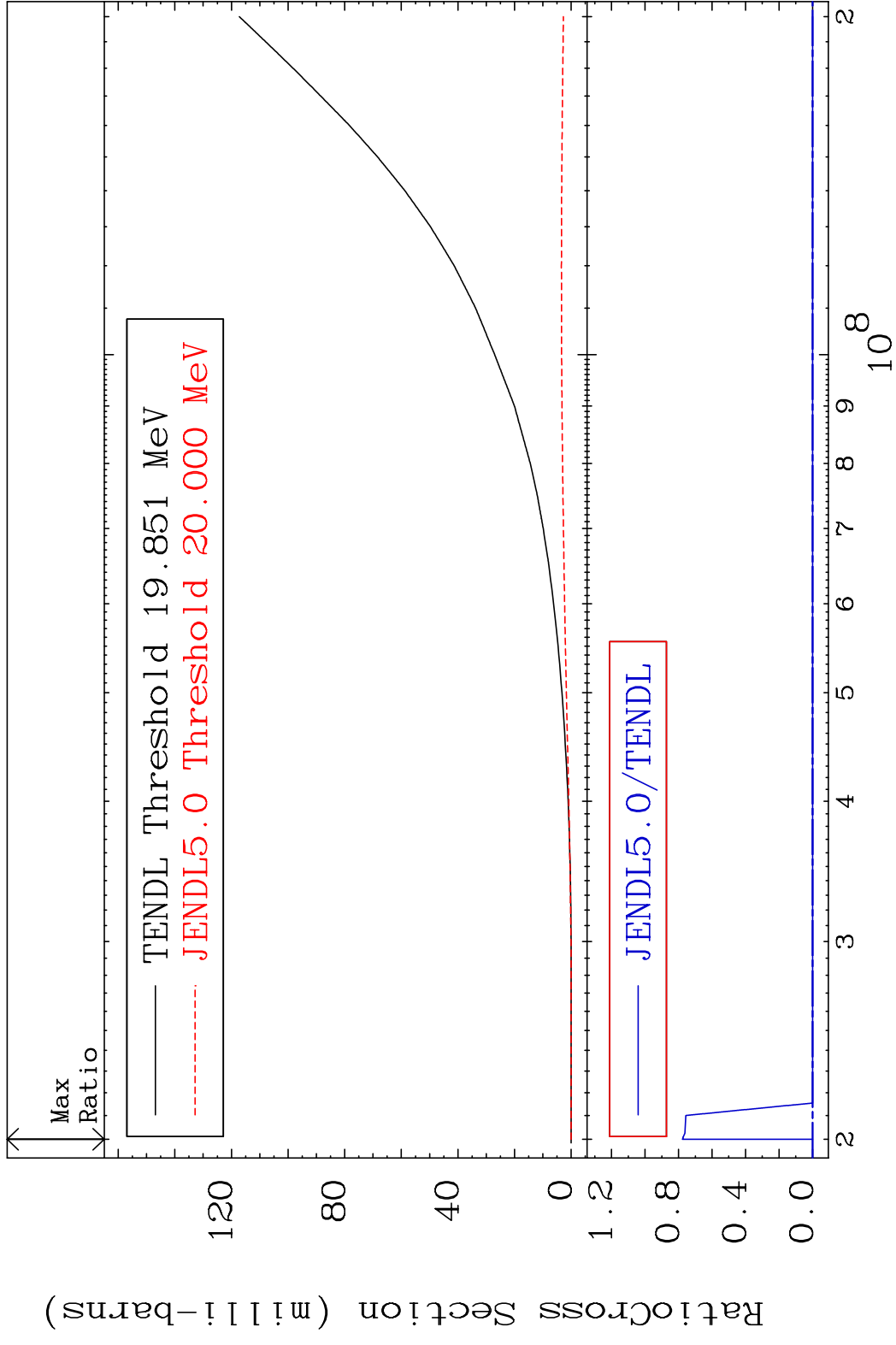


Cross Section -60.01 To 324.7 %





MAT 2046 He-3 Production 20-Ca-47  
 Cross Section -100.0 To 9999. %



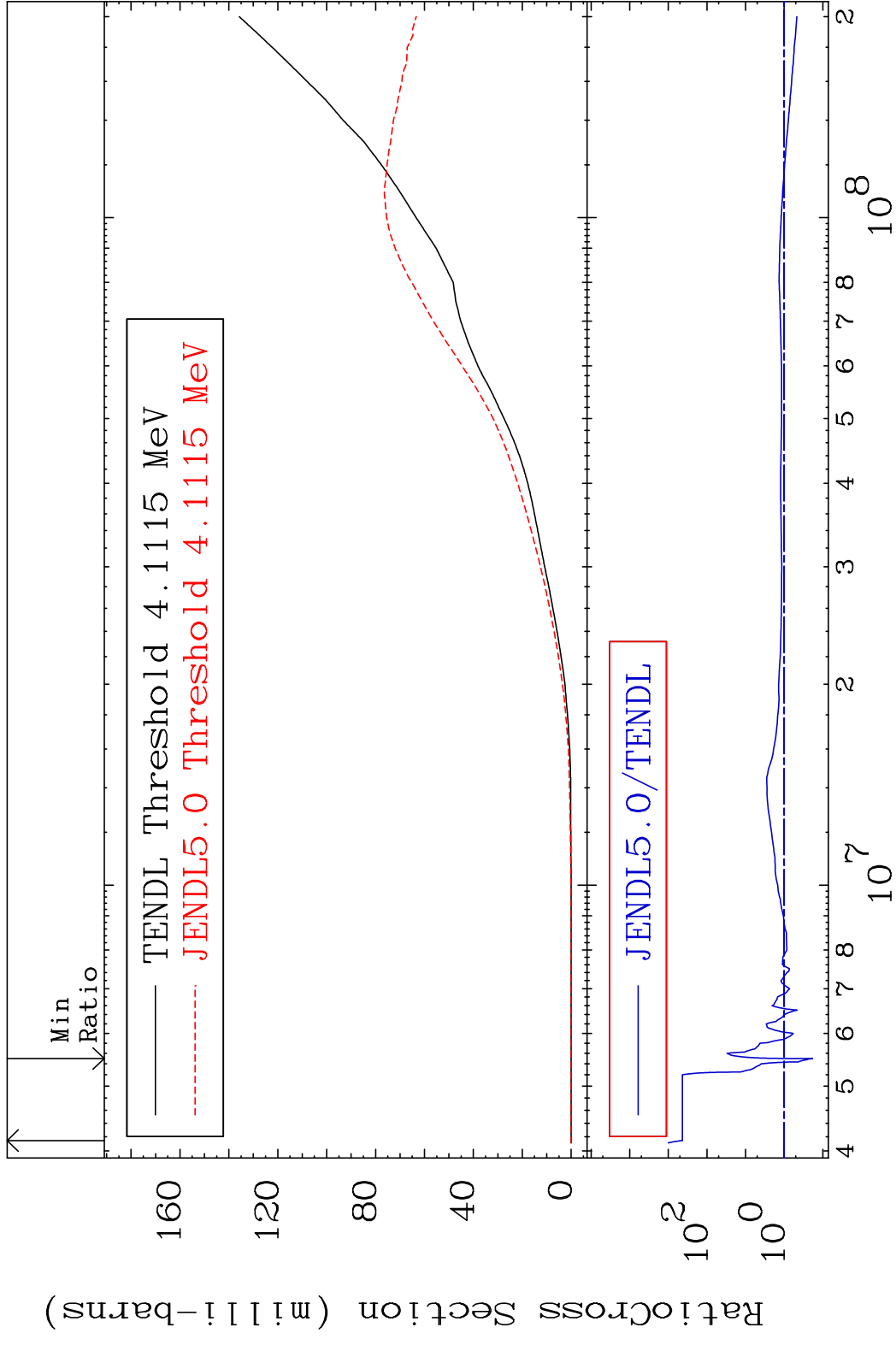
44 20-Ca-47

MAT 2046

He-4 Production

20-Ca-47

Cross Section -81.60 To 9999. %



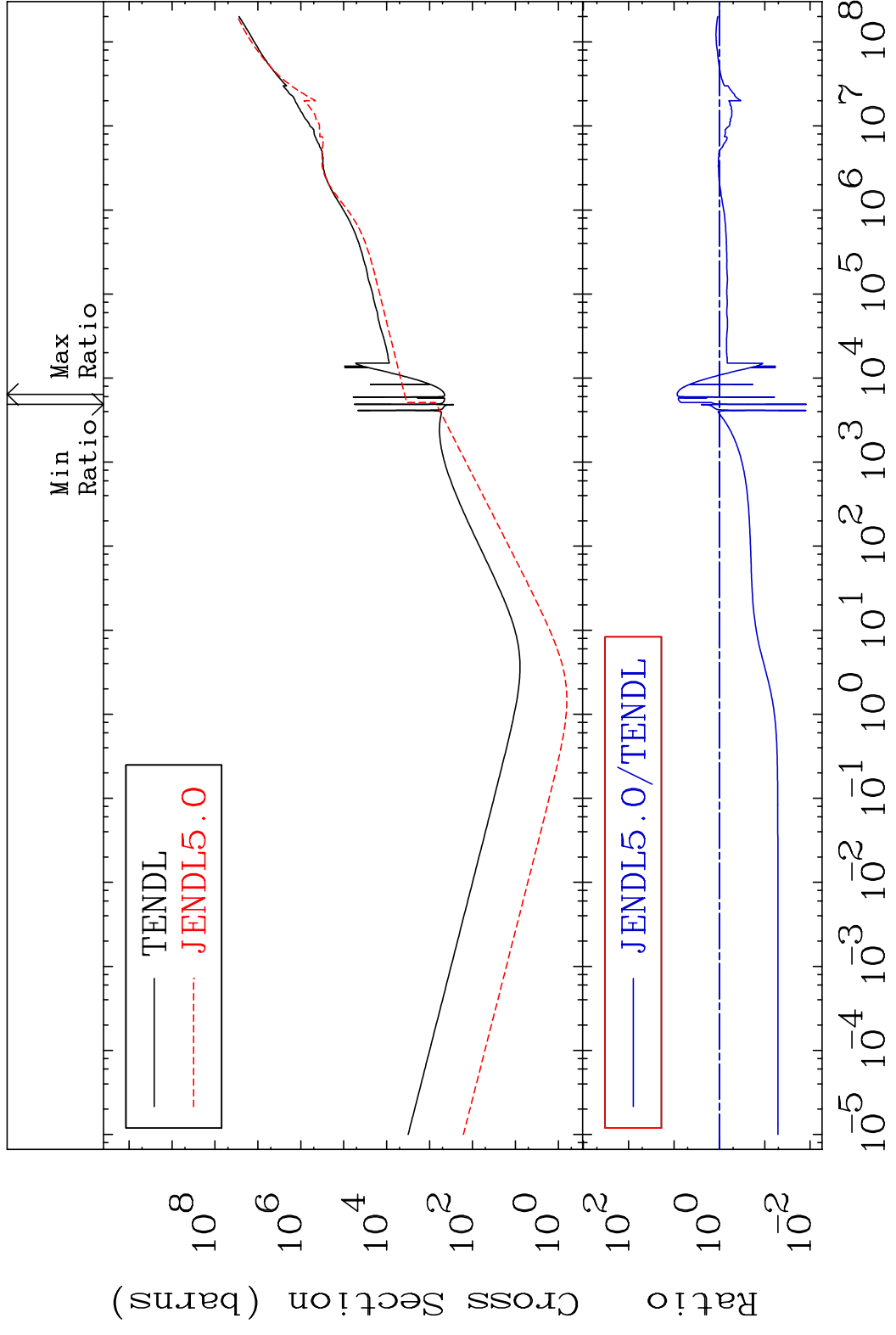
45

Incident Energy (eV)

20-Ca-47

MAT 2046

Kerma total (eV-barns) 20-Ca-47  
Cross Section -98.79 To 749.5 %



46

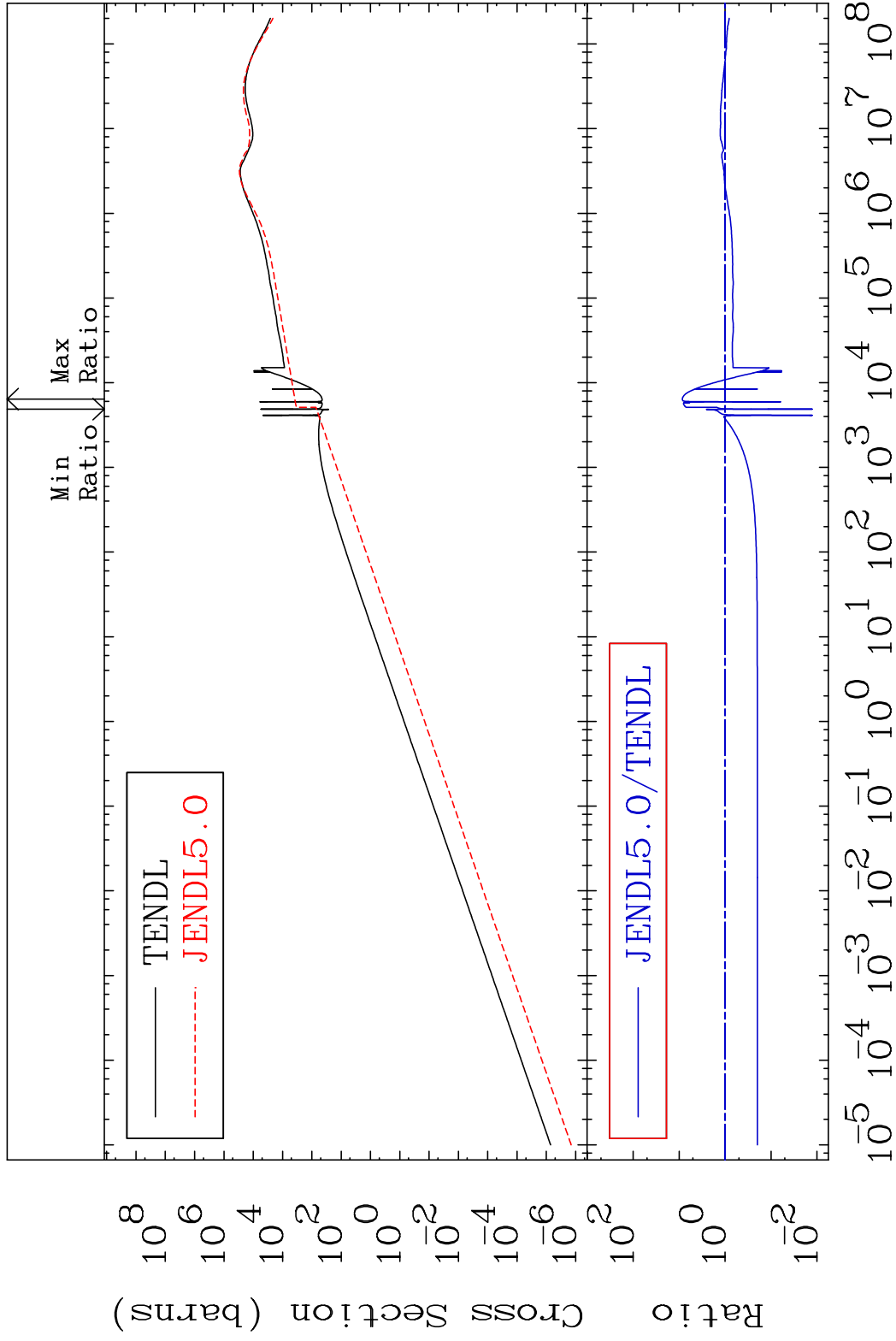
Incident Energy (eV) 20-Ca-47

MAT 2046

Kerma elastic

20-Ca-47

Cross Section -98.75 To 749.4 %



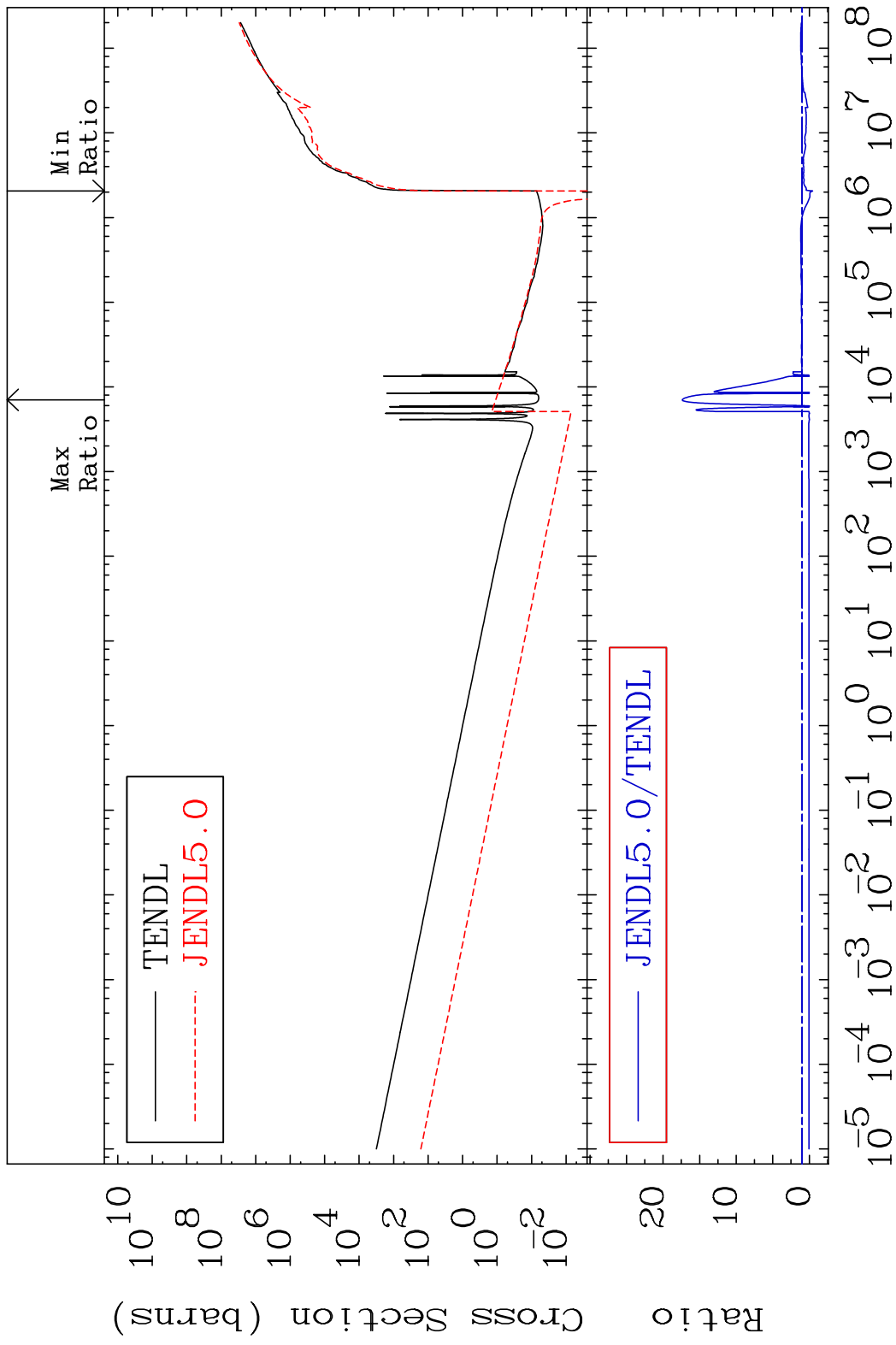
47

Incident Energy (eV)

20-Ca-47



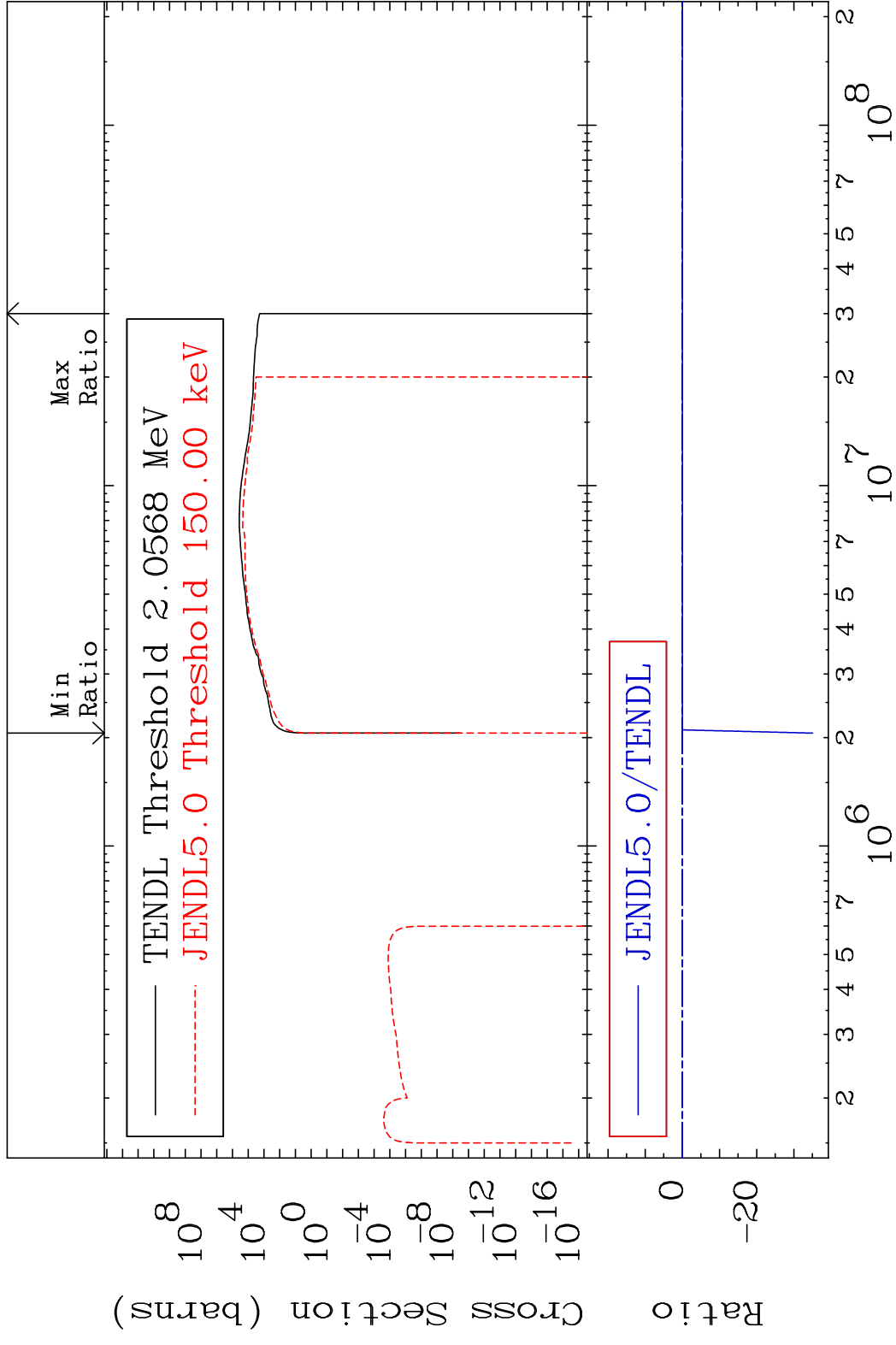
MAT 2046 Kerma non-elastic (all but mt2) 20-Ca-47  
 Cross Section -144.2 To 1636. %



48 Incident Energy (eV) 20-Ca-47

MAT 2046

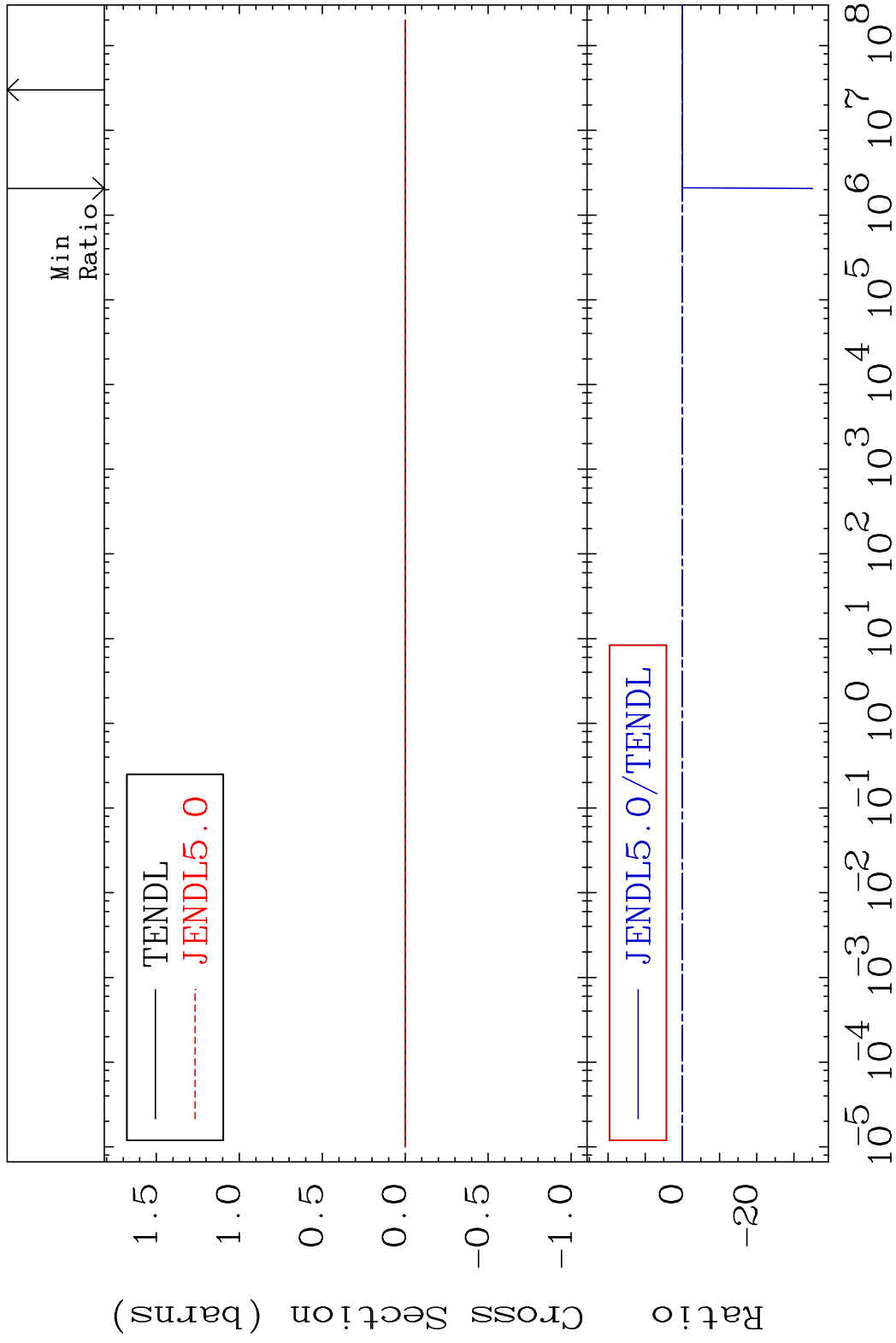
Kerma inelastic (mt51-91) 20-Ca-47  
Cross Section -9999. To 0.000 %



49

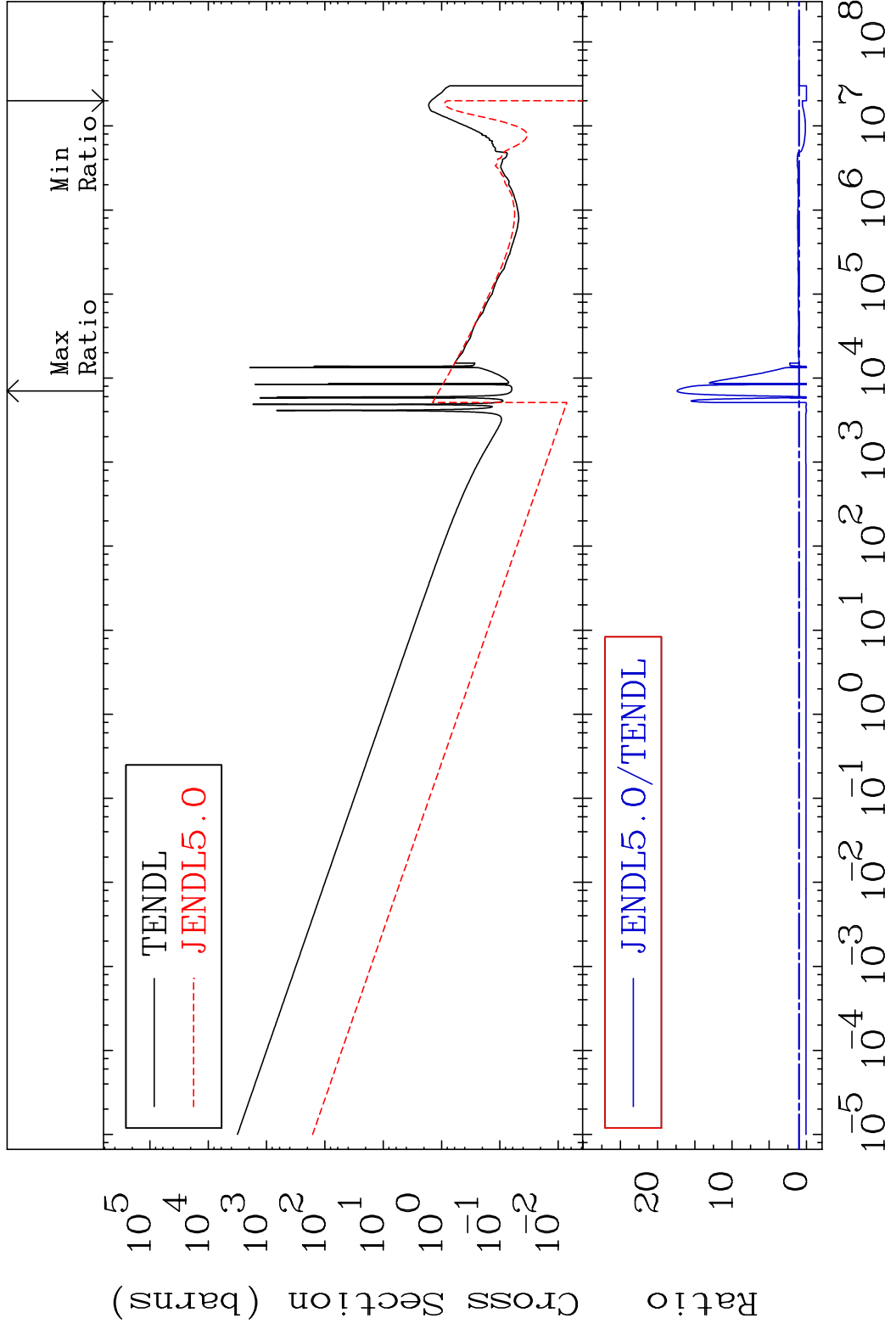
Incident Energy (eV) 20-Ca-47

MAT 2046 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-47  
 Cross Section -9999. To 0.000 %

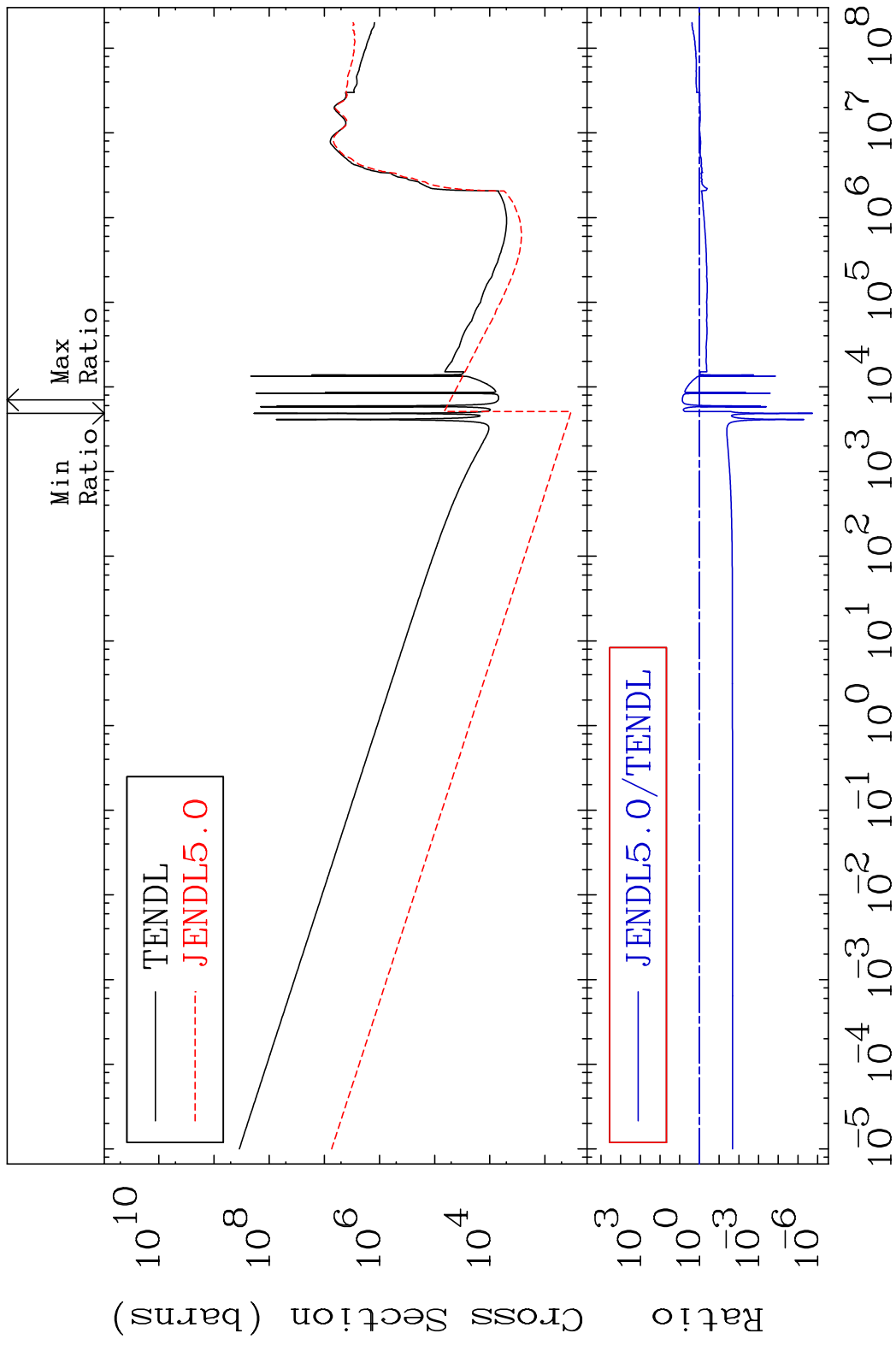


50 Incident Energy (eV) 20-Ca-47

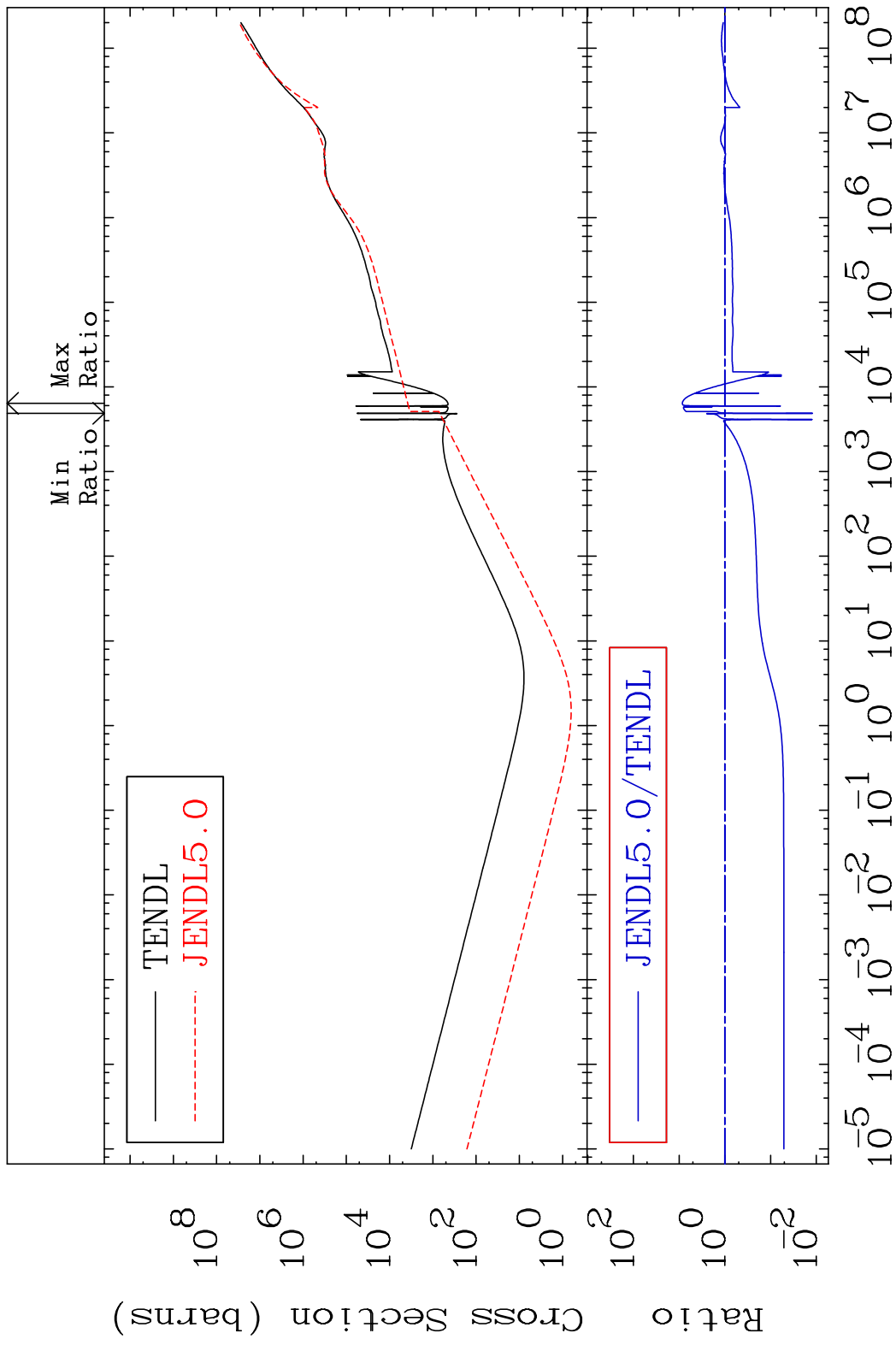
MAT 2046 Kerma capture (mt102) 20-Ca-47  
 Cross Section -100.0 To 1636. %



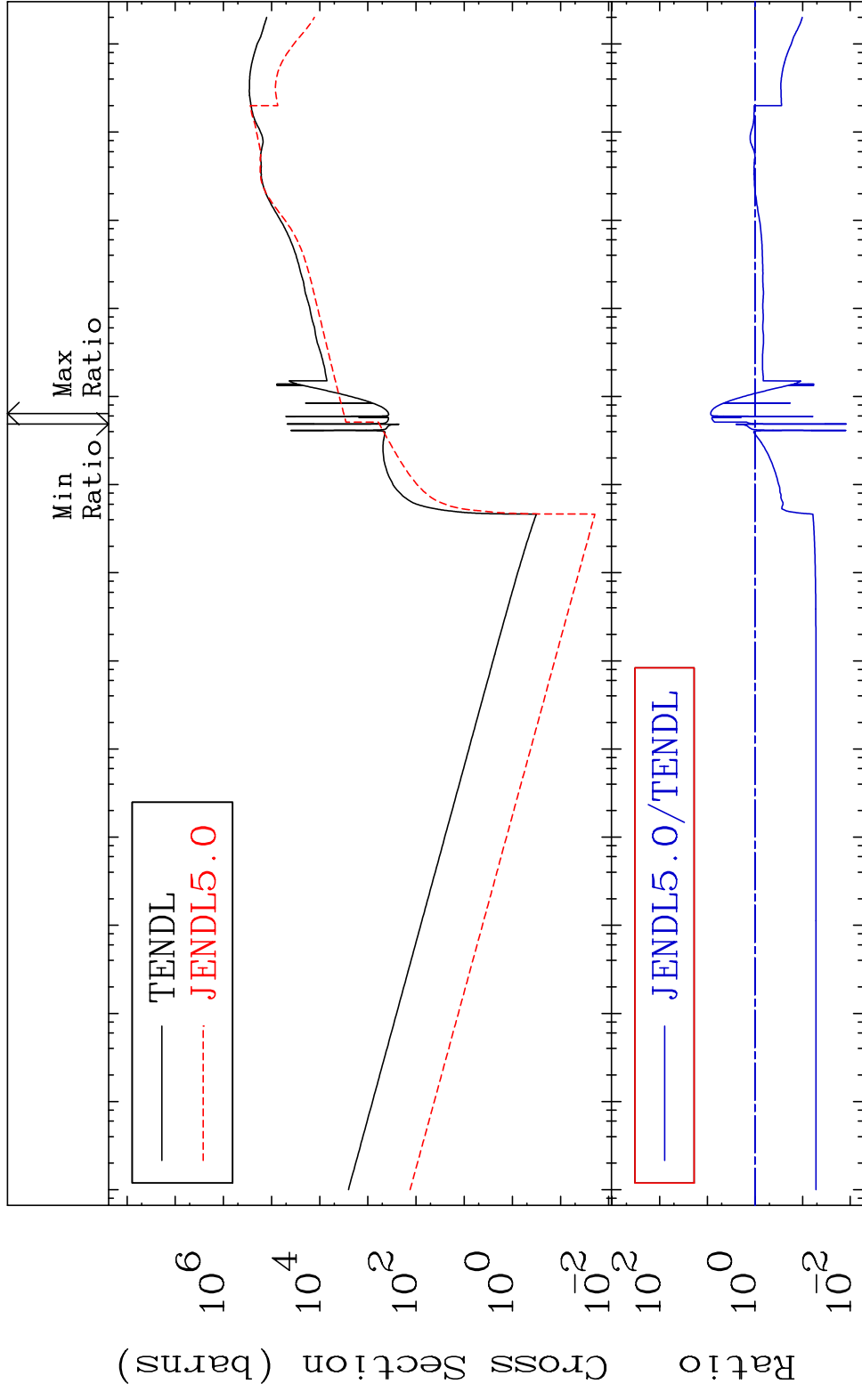
MAT 2046 Total photon (eV-barns) 20-Ca-47  
 Cross Section -100.0 To 638.8 %



MAT 2046 Total kinematic kerma (high limit) 20-Ca-47  
 Cross Section -98.79 To 749.5 %



MAT 2046      Dpa total (eV-barns)      20-Ca-47  
 Cross Section      -98.79 To 748.8 %



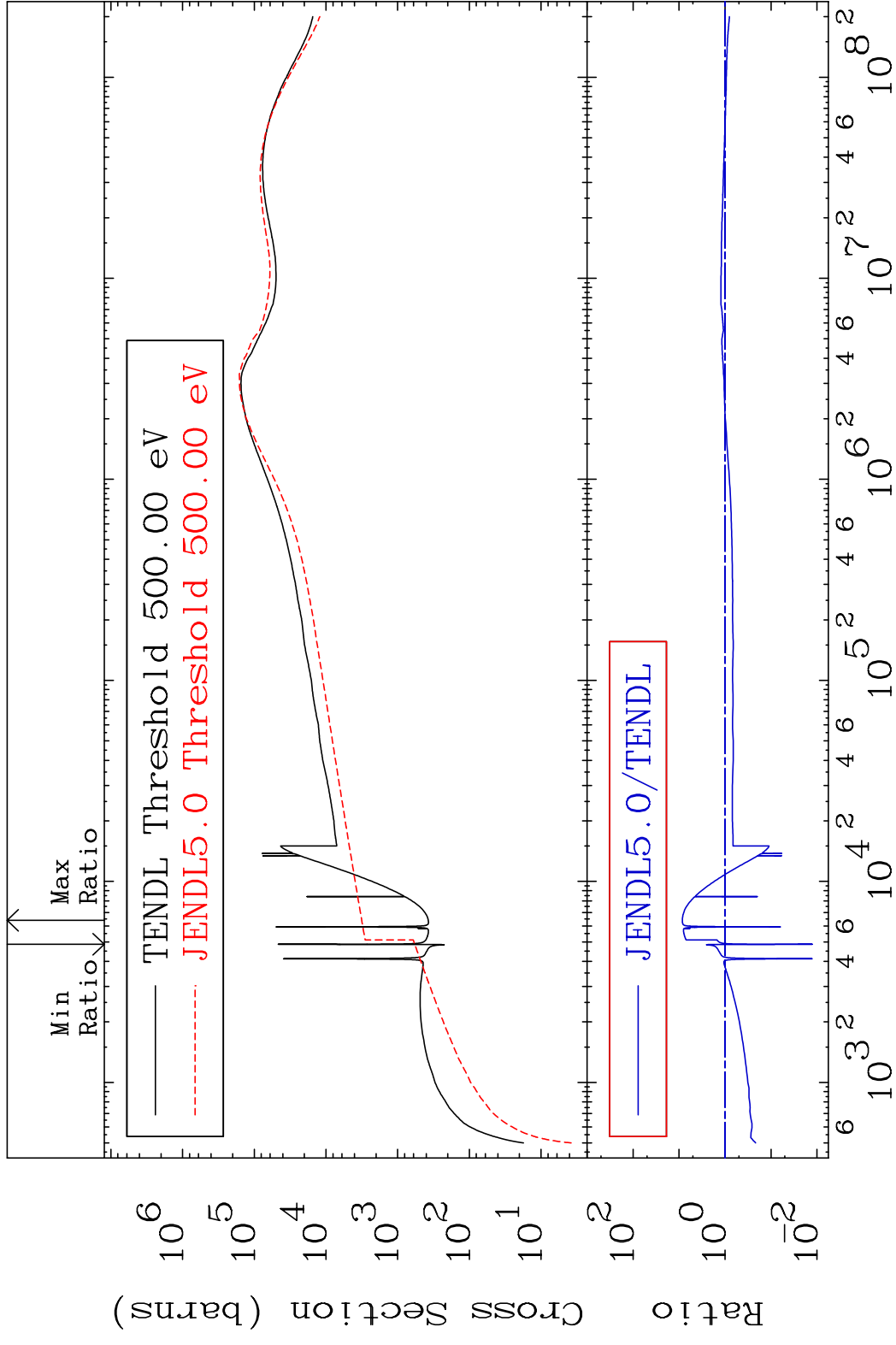
MAT 2046

Dpa elastic (mt2)

20-Ca-47

Cross Section

-98.75 To 748.7 %

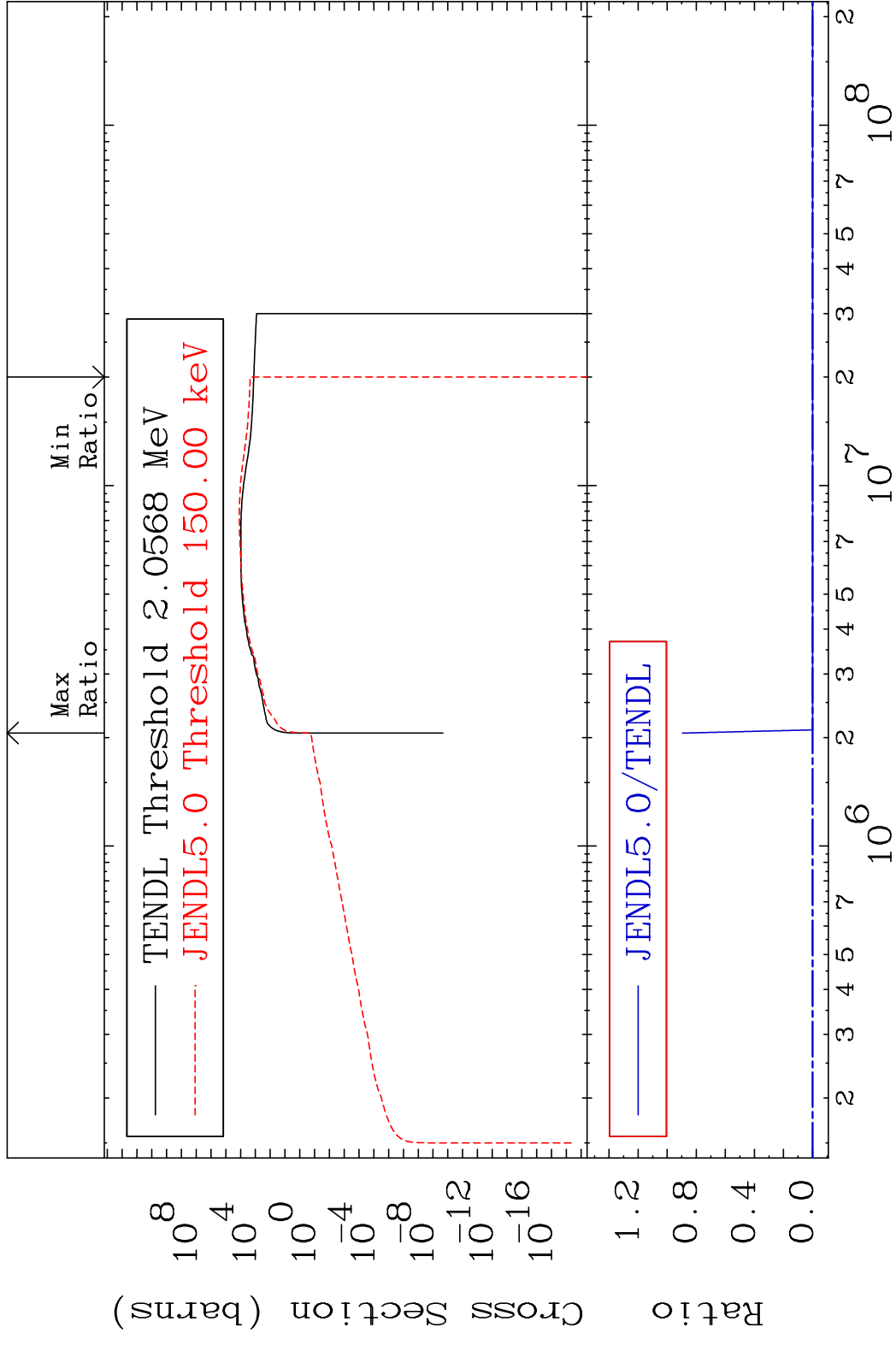


55

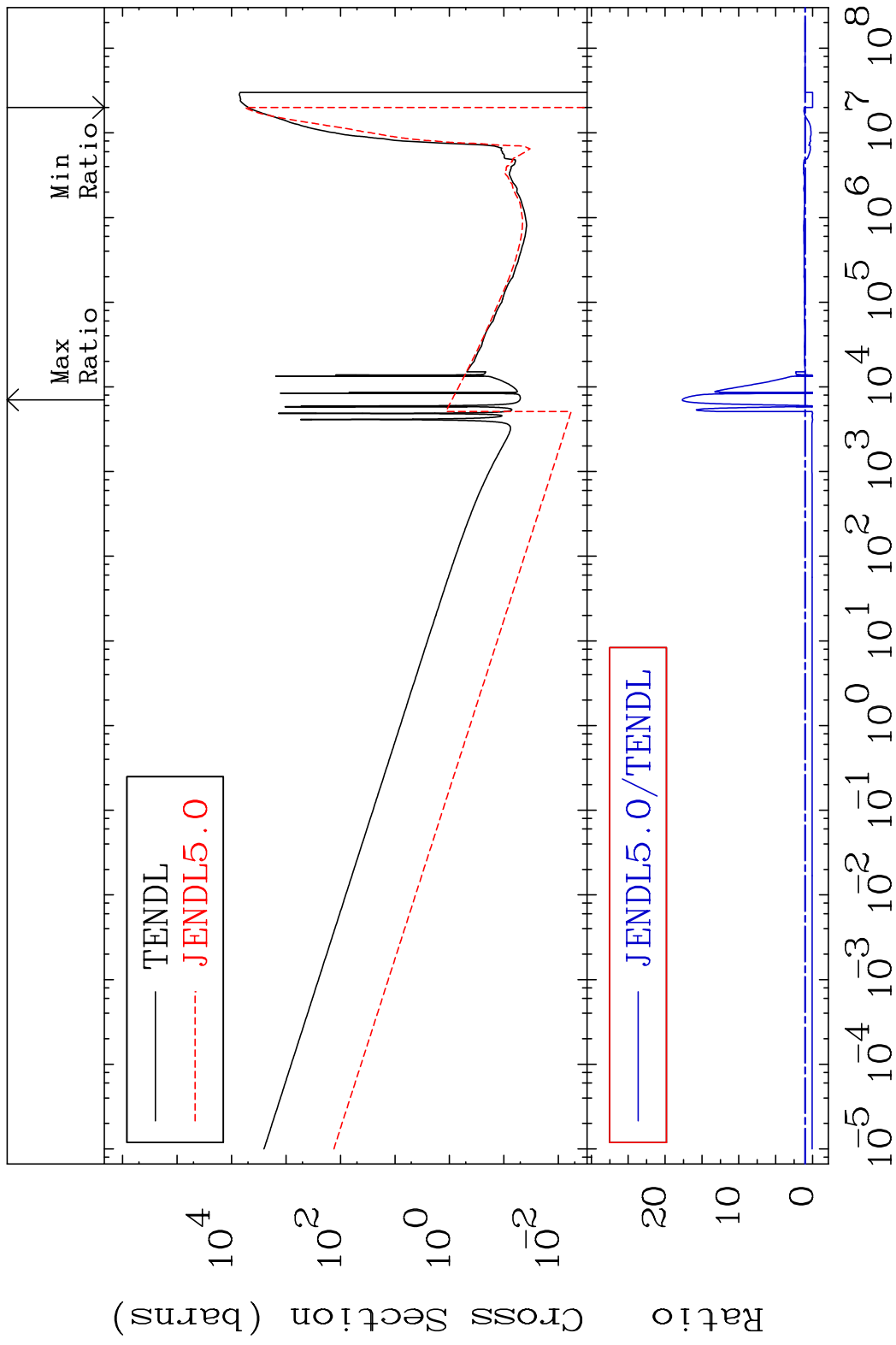
Incident Energy (eV)

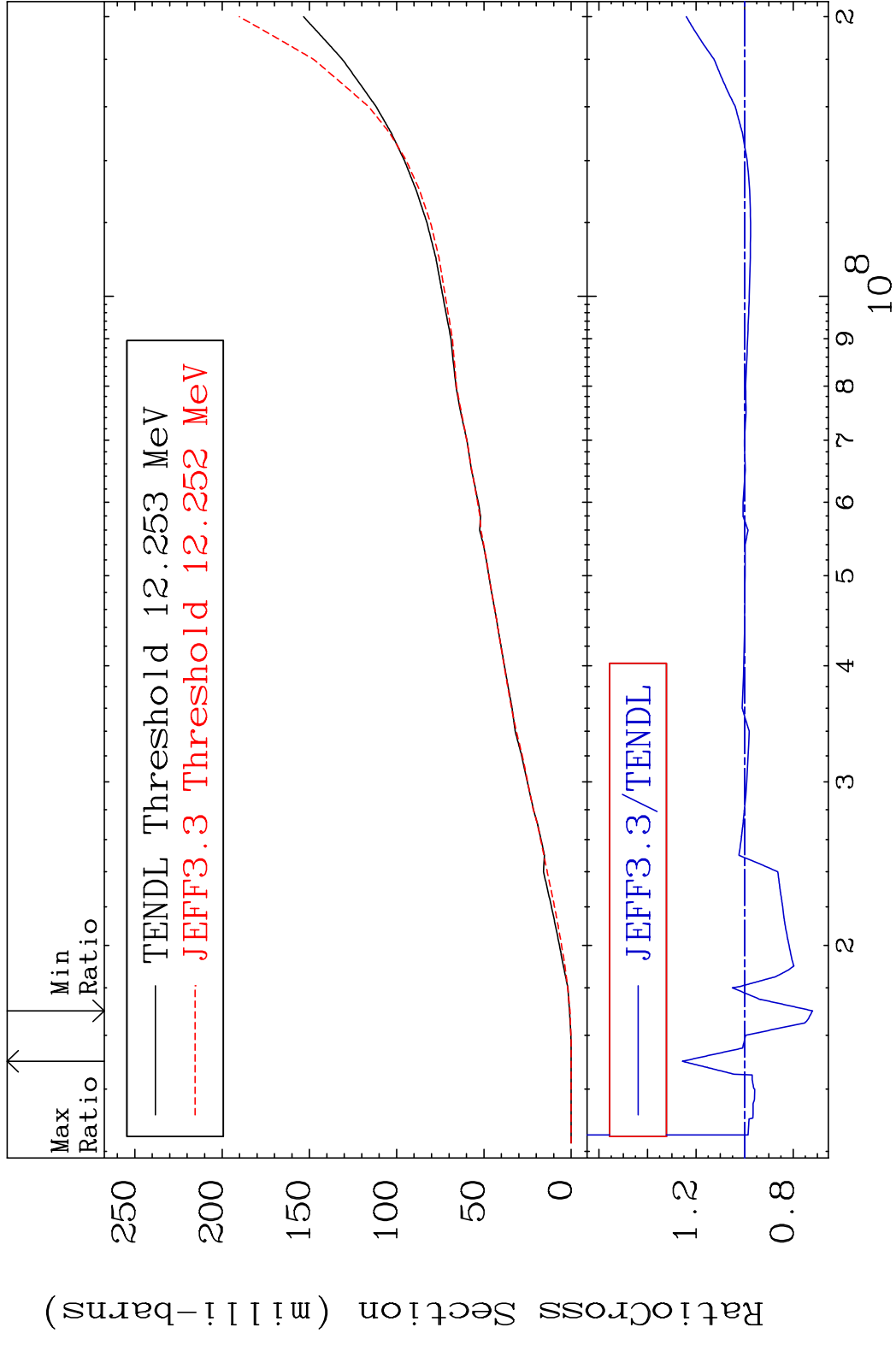
20-Ca-47





MAT 2046 Dpa disappearance (mt102 -120) 20-Ca-47  
 Cross Section -100.0 To 1666. %



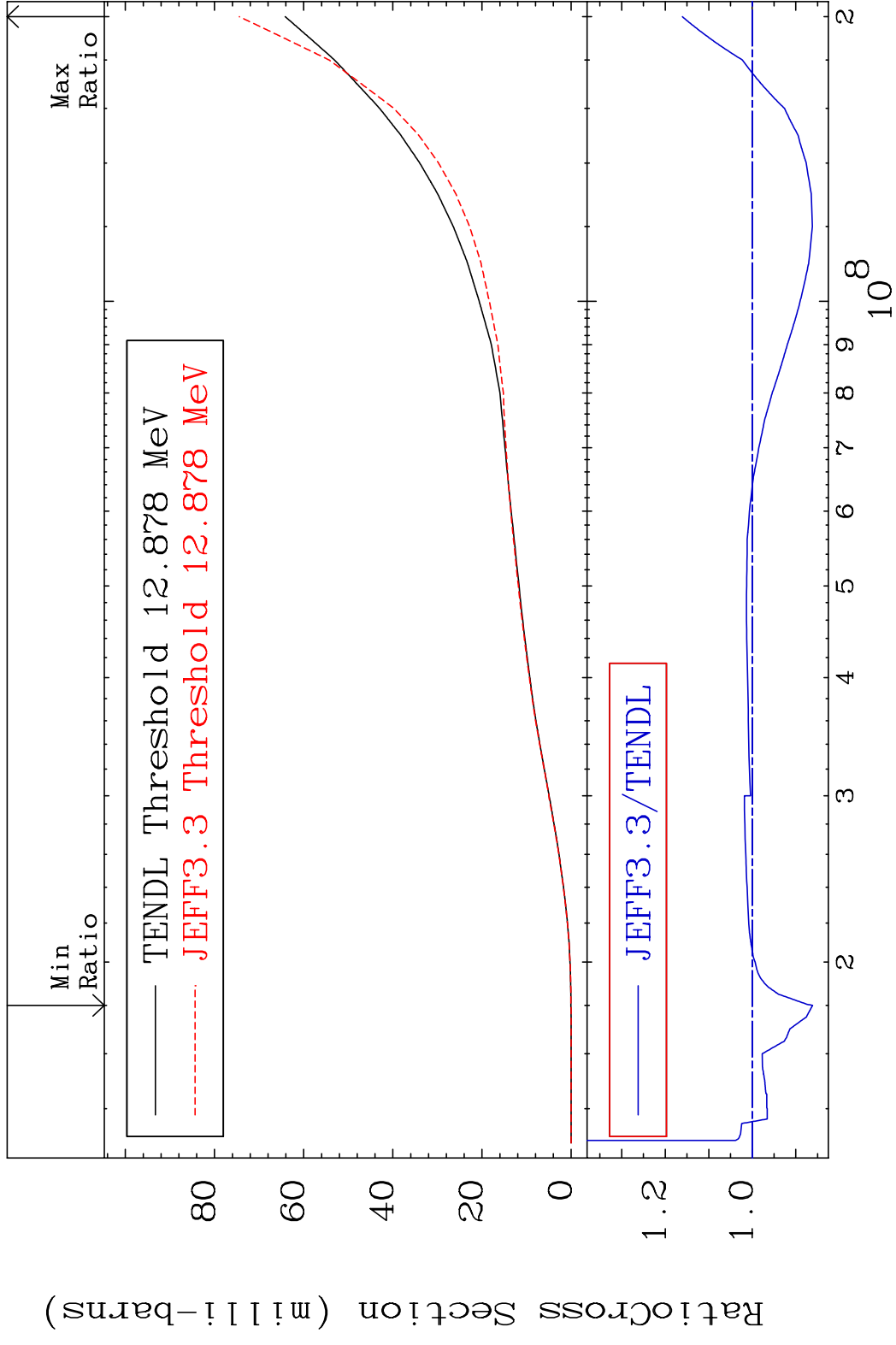


MAT 2046

Tritium Production

20-Ca-47

Cross Section -13.85 To 16.06 %

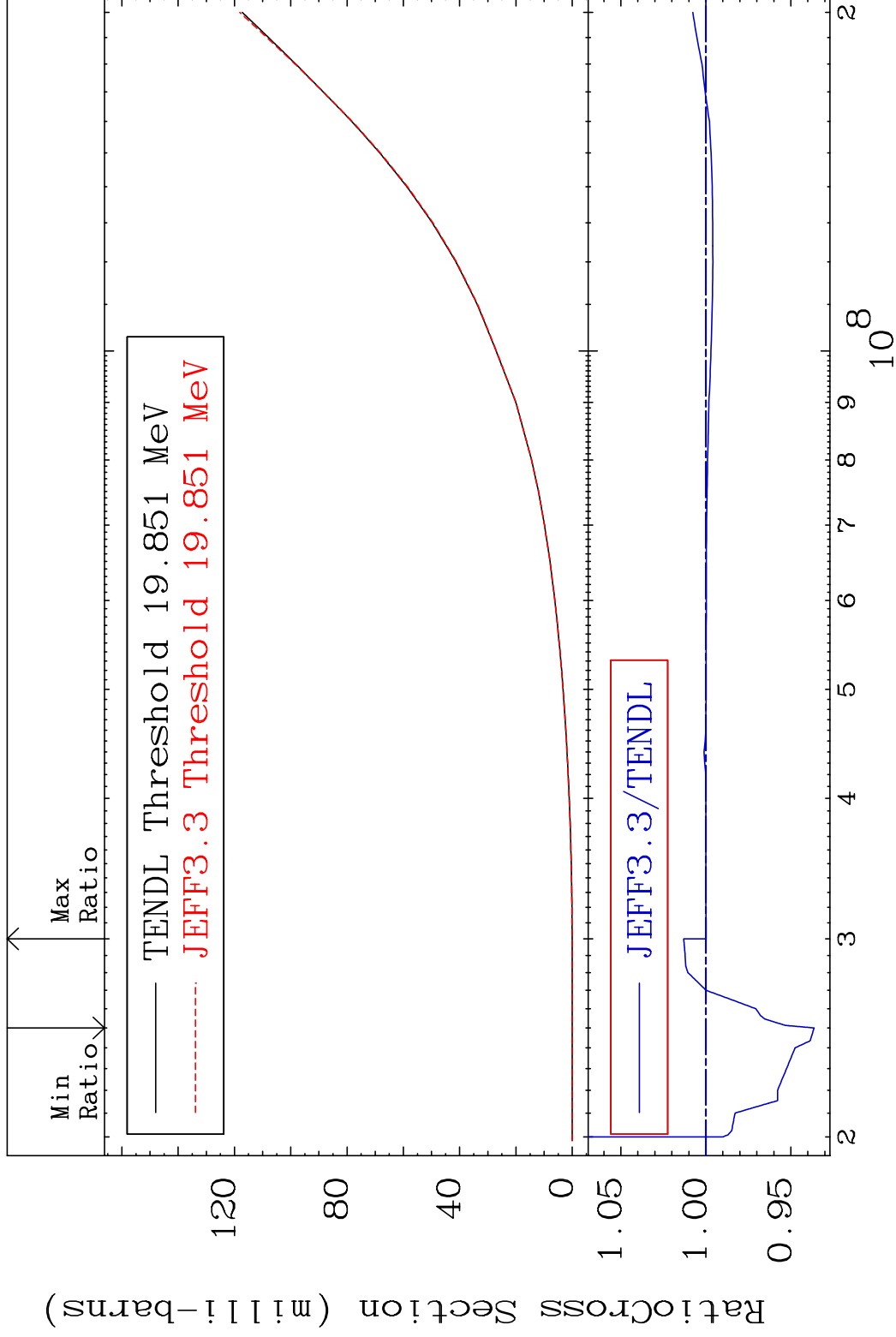


MAT 2046

He-3 Production

20-Ca-47

Cross Section -6.369 To 1.305 %



60

Incident Energy (eV)

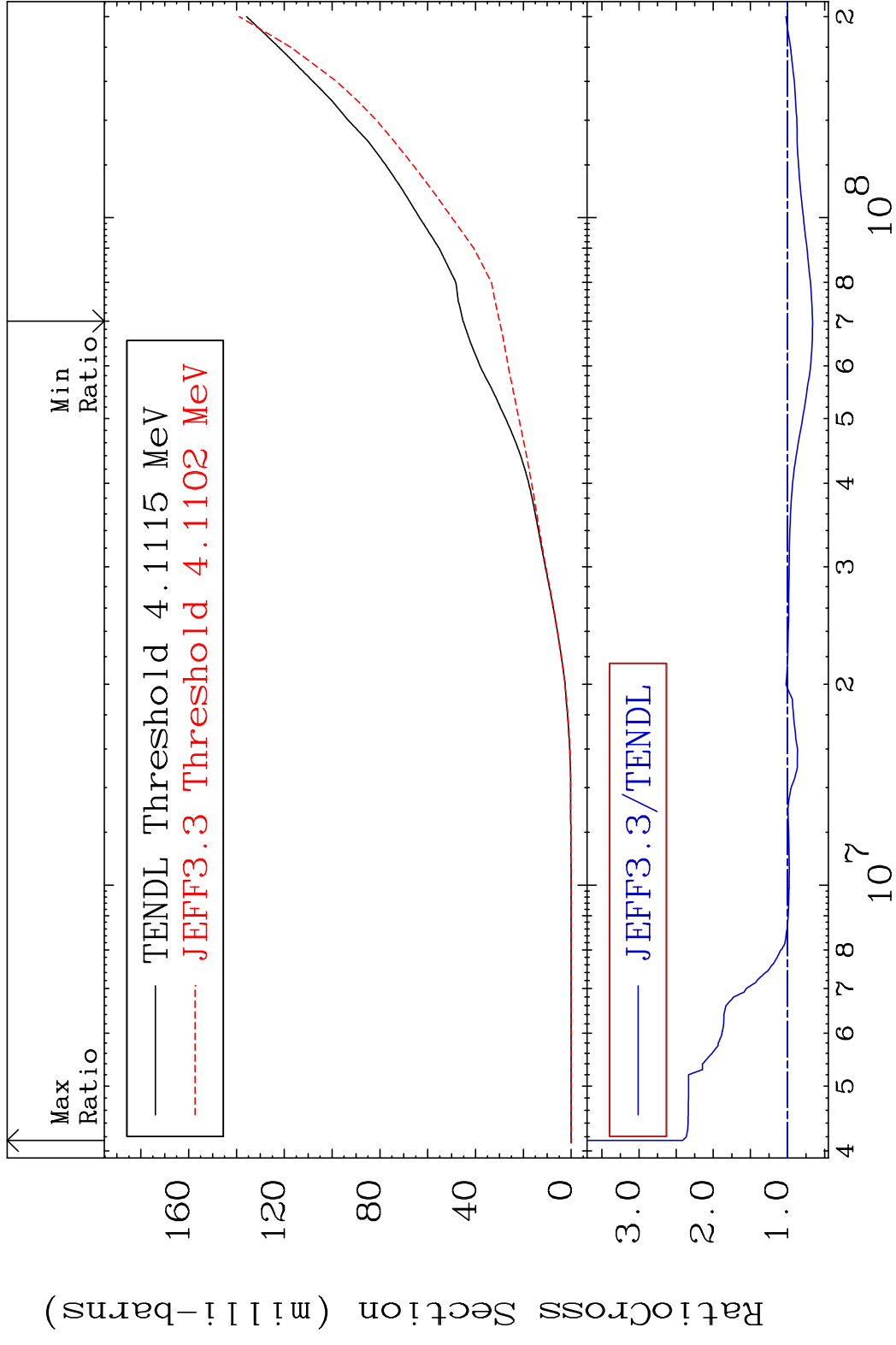
20-Ca-47

MAT 2046

He-4 Production

20-Ca-47

Cross Section -33.69 To 141.6 %



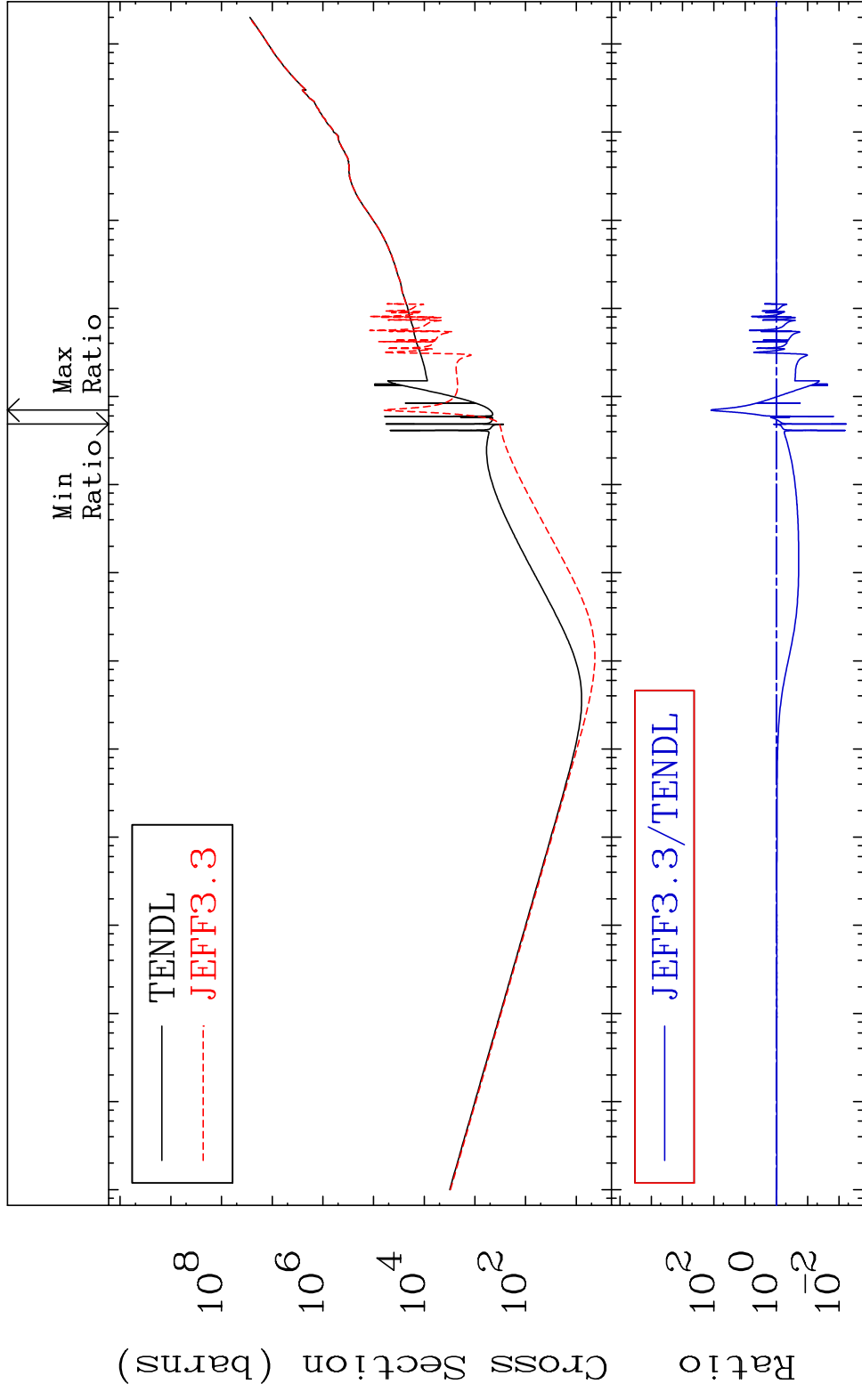
61

Incident Energy (eV)

20-Ca-47

MAT 2046

Kerma total (eV-barns) 20-Ca-47  
Cross Section -99.42 To 9999. %

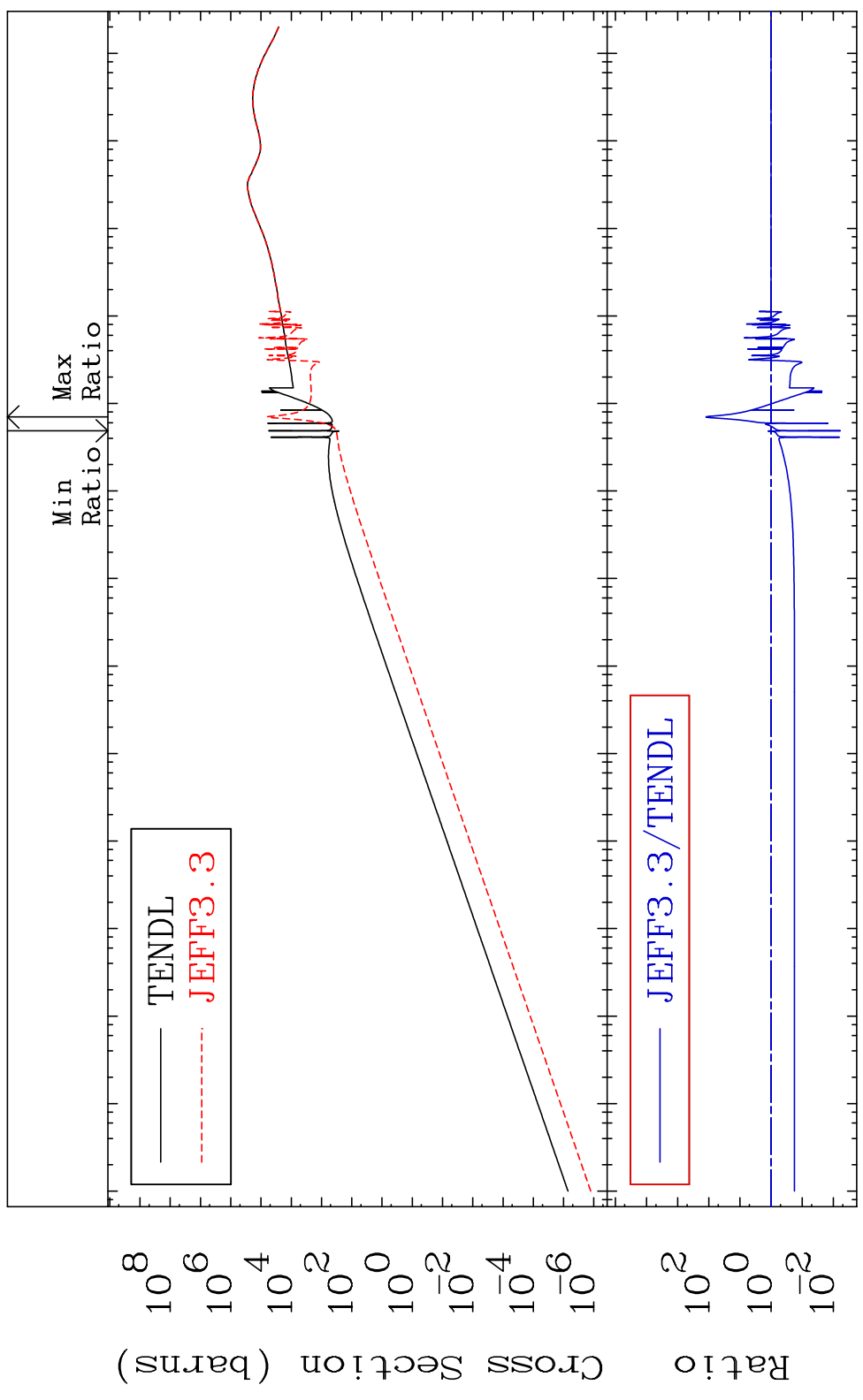


62

Incident Energy (eV) 20-Ca-47

MAT 2046

Kerma elastic Cross Section -99.40 To 9999. %  
20-Ca-47

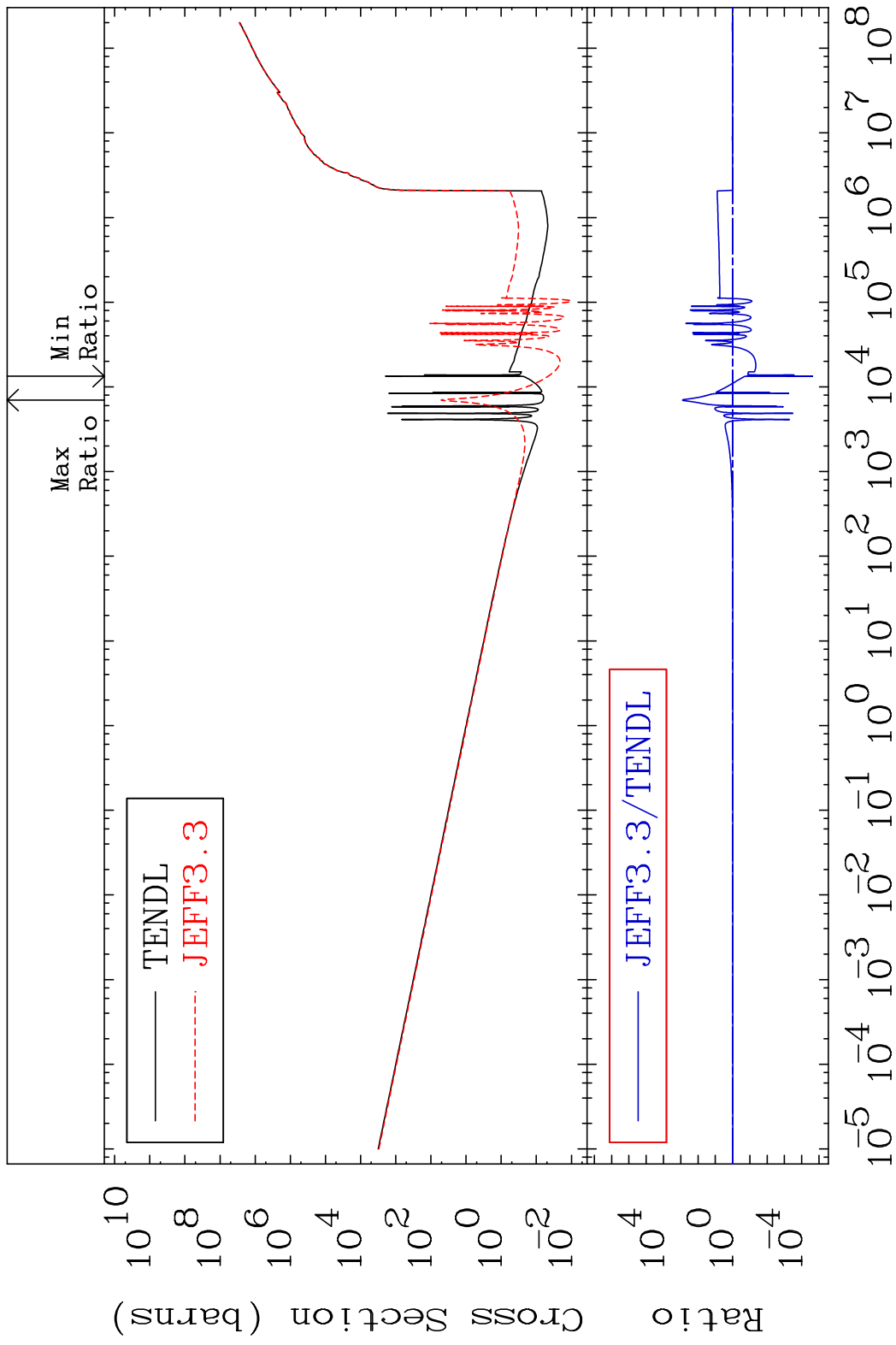


63

Incident Energy (eV) 20-Ca-47

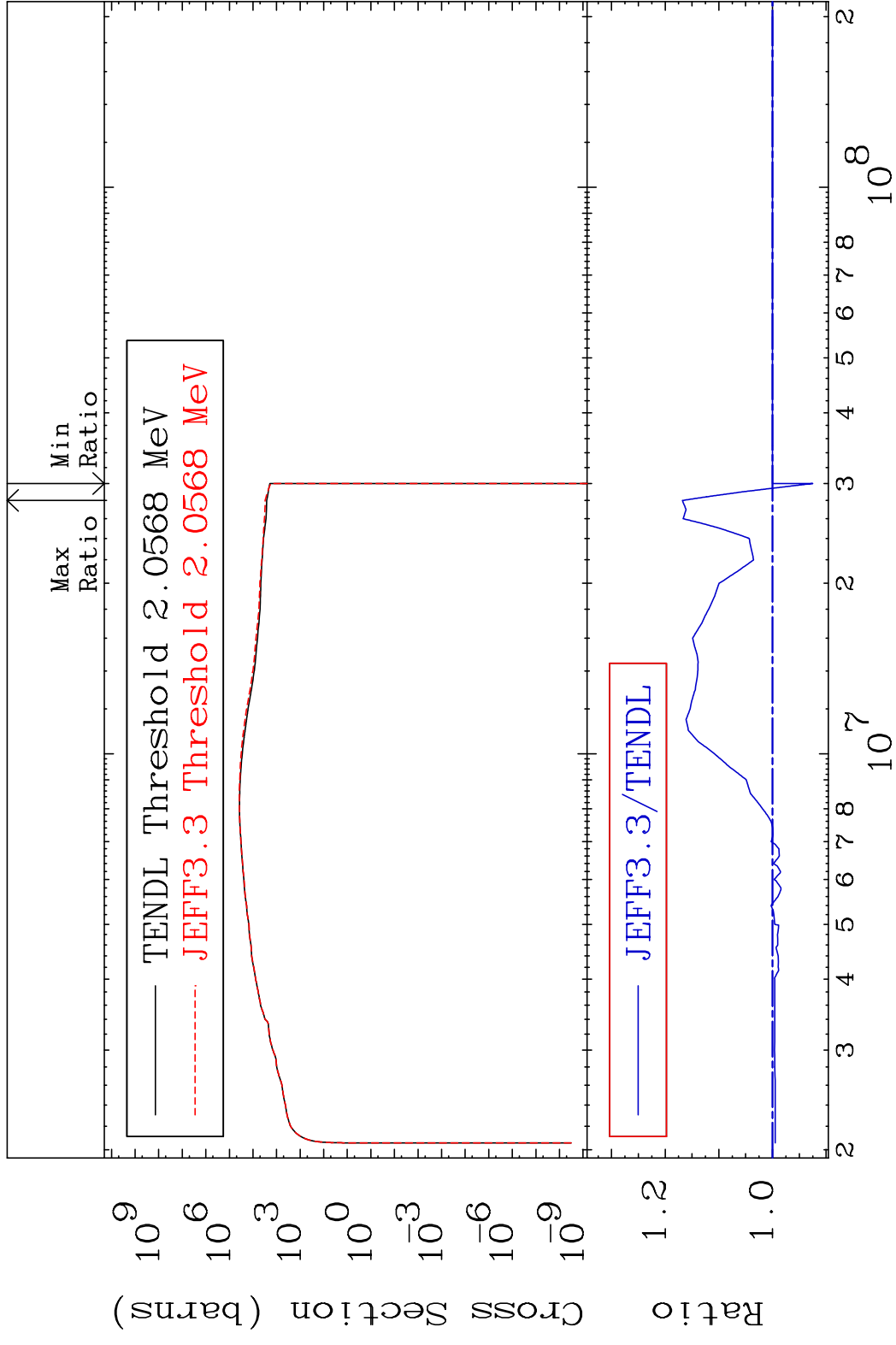


MAT 2046 Kerma non-elastic (all but mt2) 20-Ca-47  
 Cross Section -100.0 To 9999. %

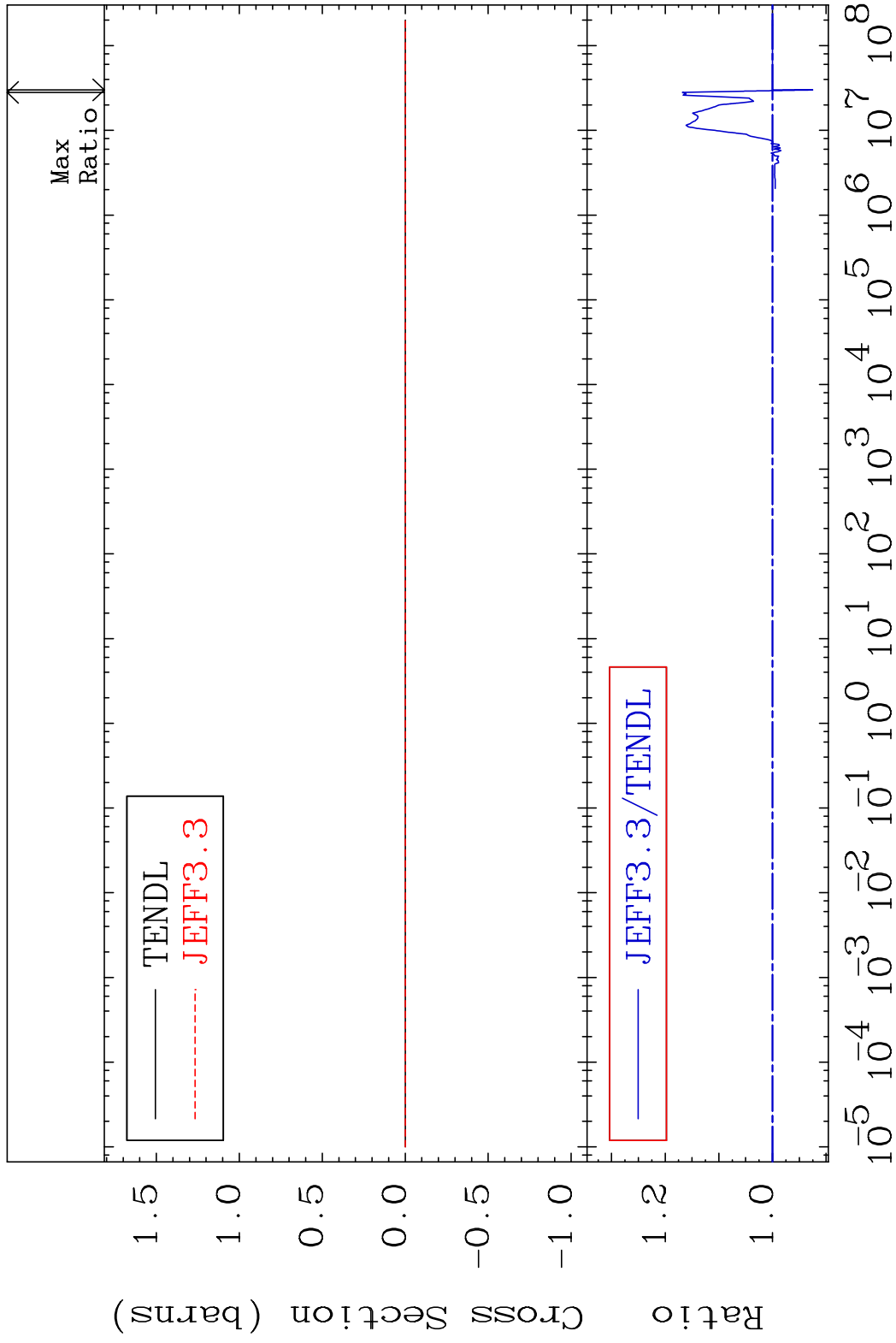


64 Incident Energy (eV) 20-Ca-47

MAT 2046 Kerma inelastic (mt51-91) 20-Ca-47  
 Cross Section -7.468 To 16.80 %

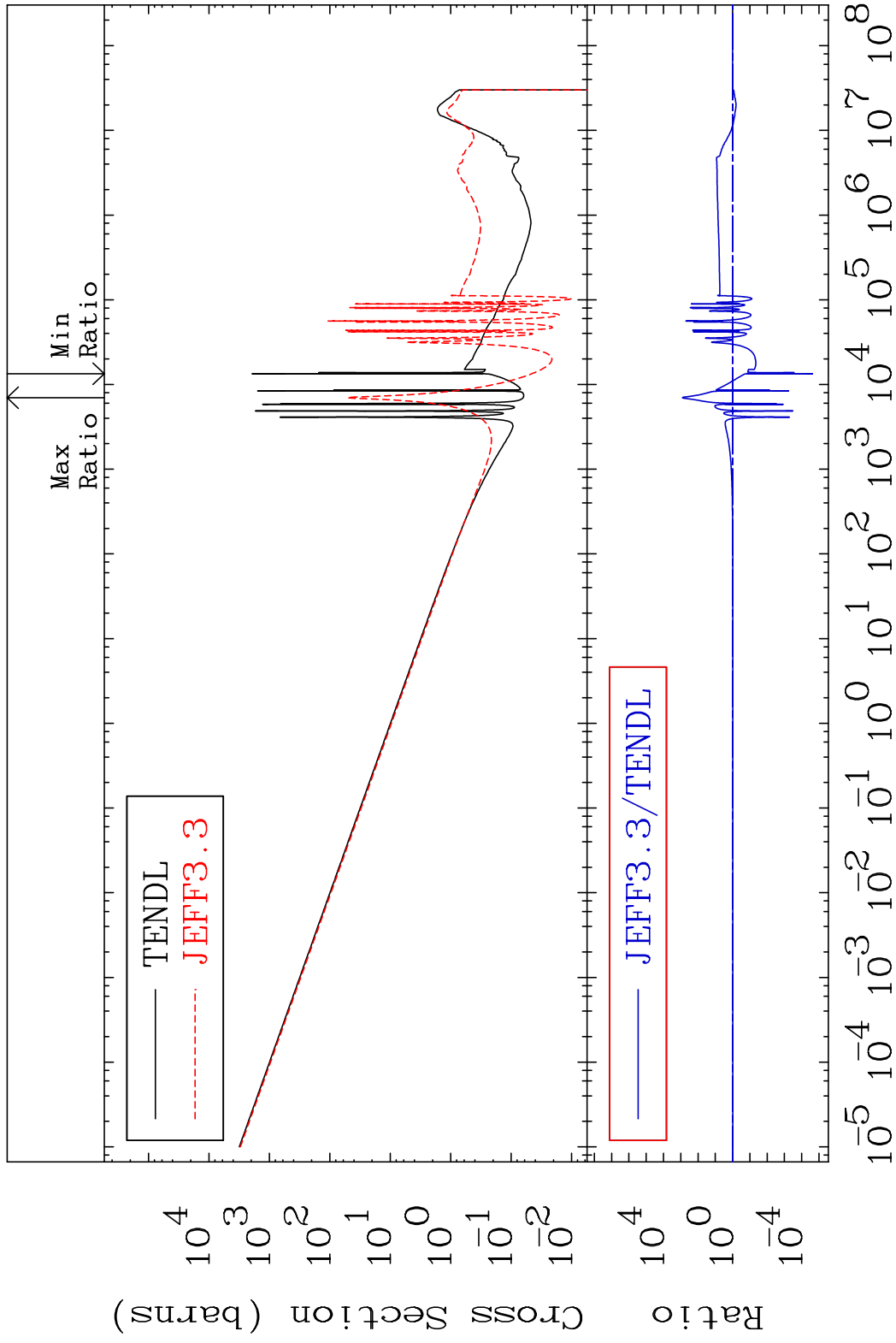


MAT 2046 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-47  
 Cross Section -7.468 To 16.80 %



MAT 2046

Kerma capture (mt102) 20-Ca-47  
Cross Section -100.0 To 9999. %

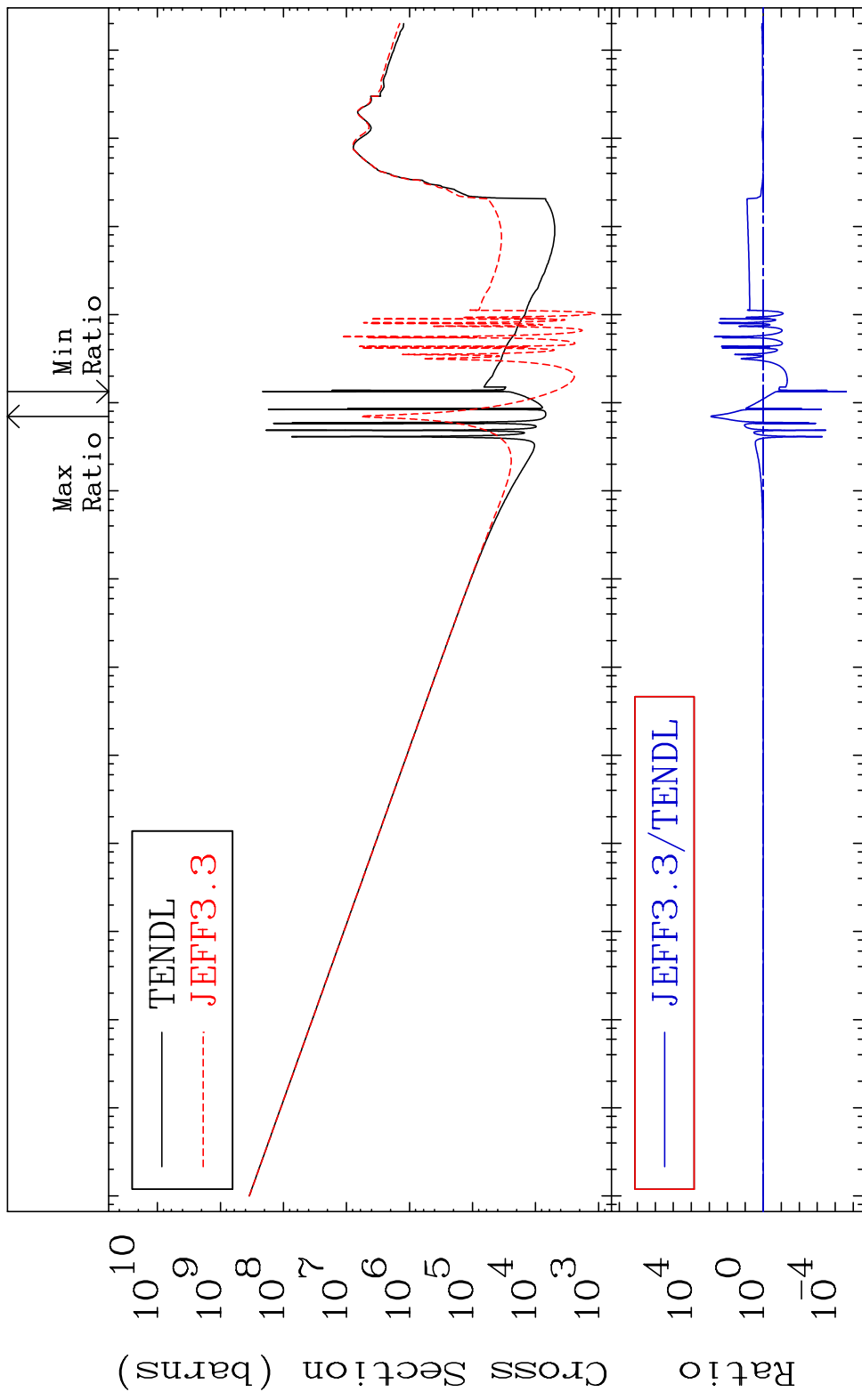


67

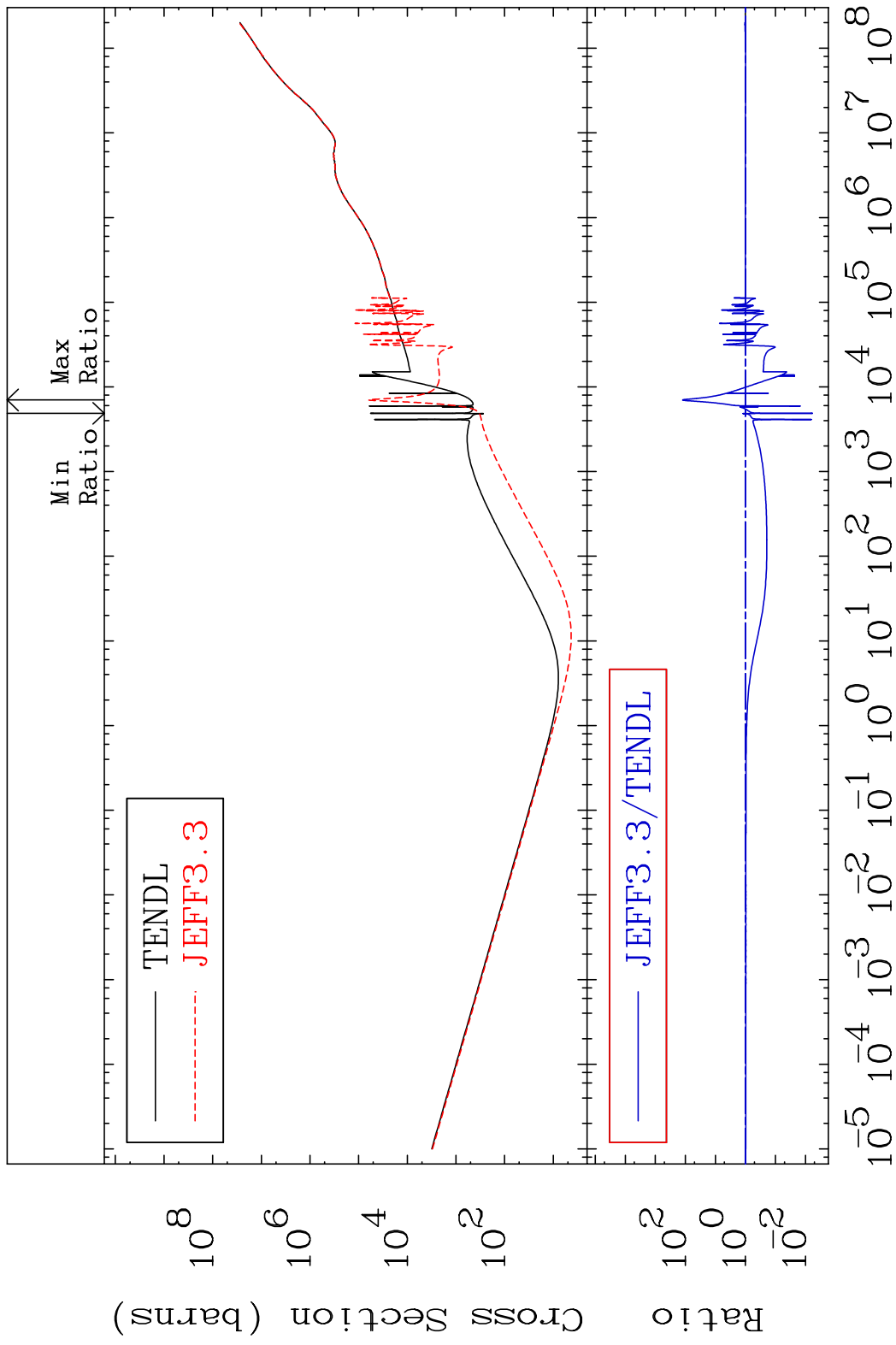
Incident Energy (eV)

20-Ca-47

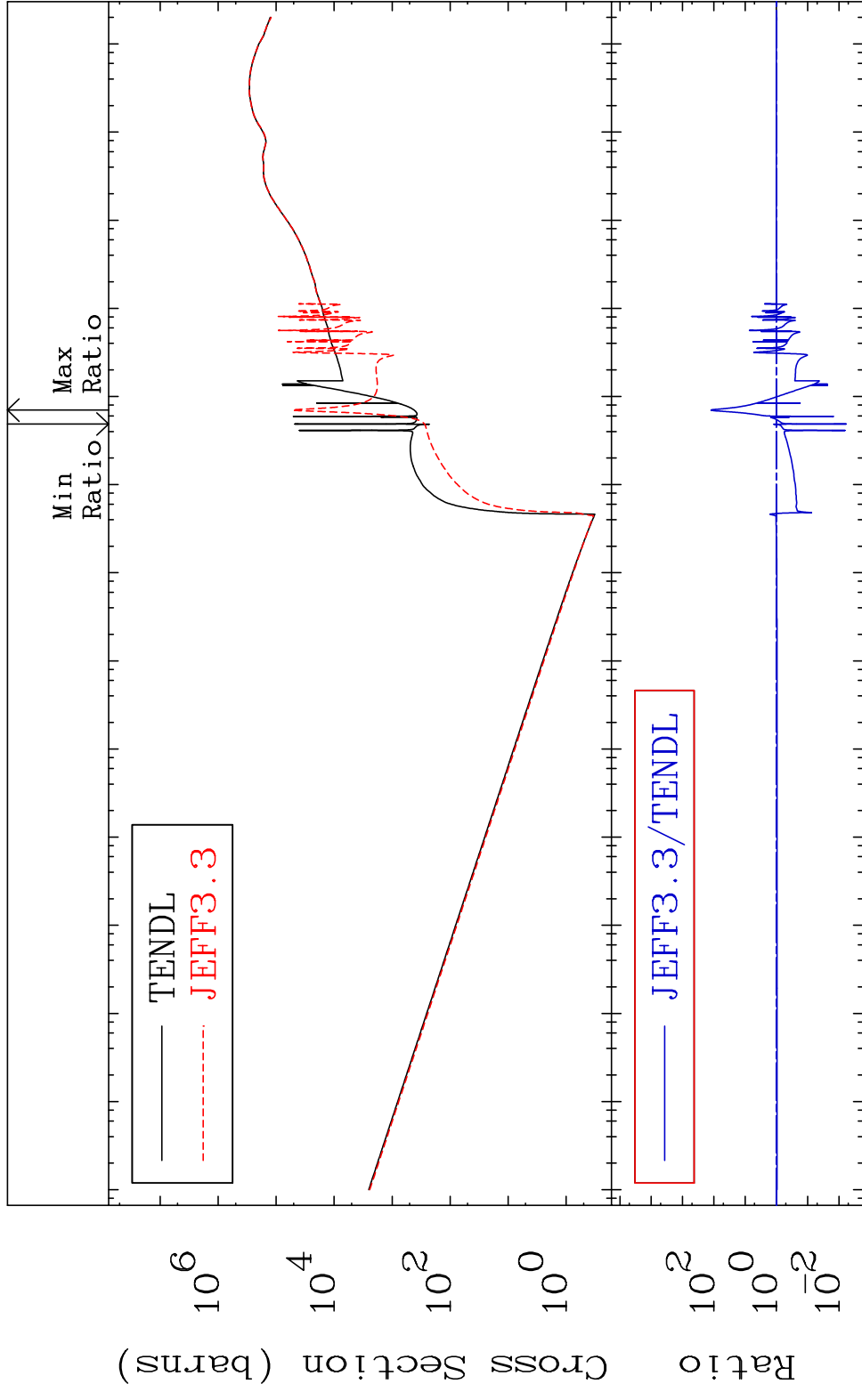
MAT 2046 Total photon (eV-barns) 20-Ca-47  
 Cross Section -100.0 To 9999. %



MAT 2046 Total kinematic kerma (high limit) 20-Ca-47  
 Cross Section -99.42 To 9999. %



MAT 2046      Dpa total (eV-barns)      20-Ca-47  
 Cross Section      -99.42 To 9999. %



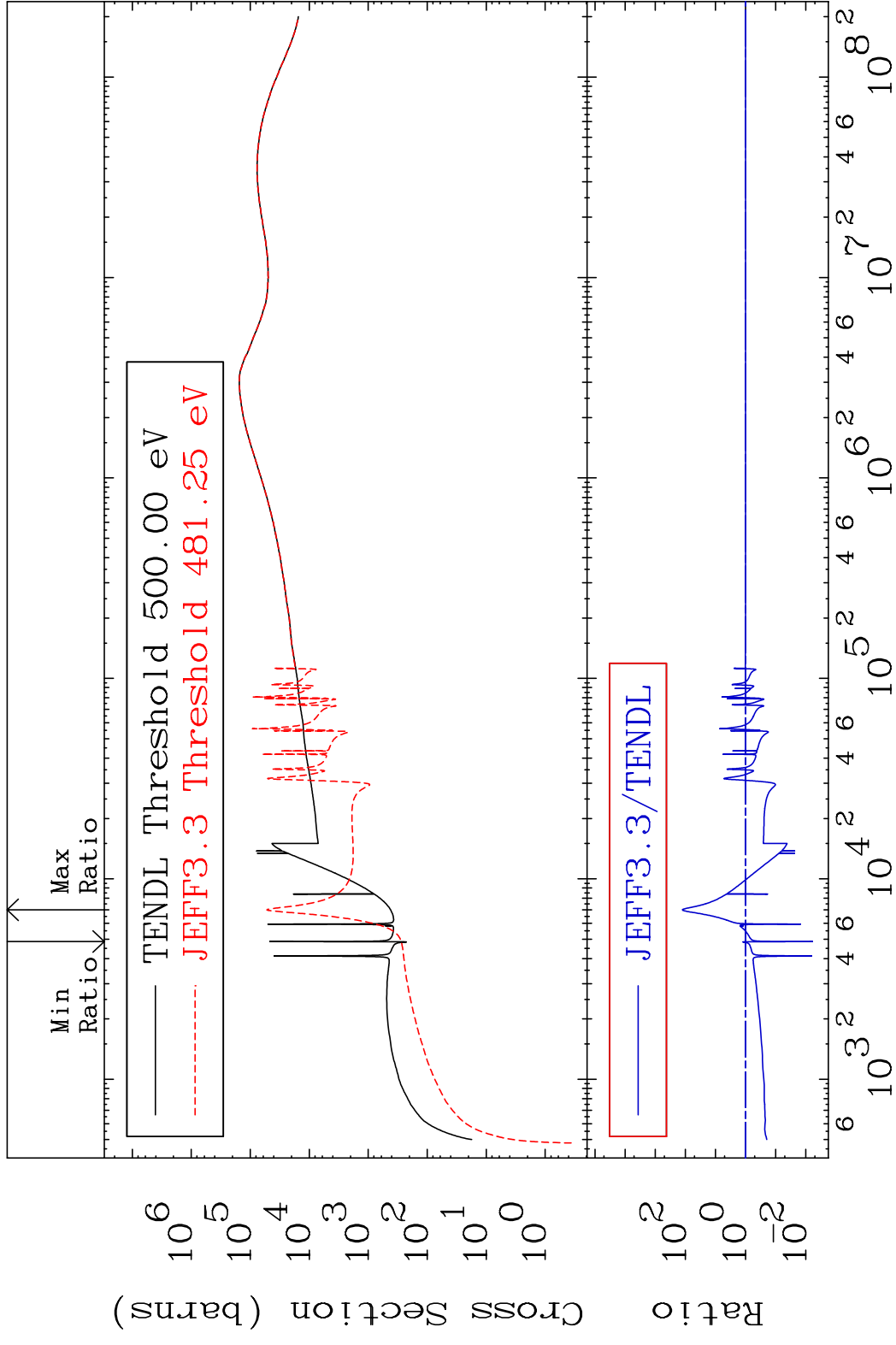
70      Incident Energy (eV)      20-Ca-47

MAT 2046

Dpa elastic (mt2)

20-Ca-47

Cross Section -99.40 To 9999. %



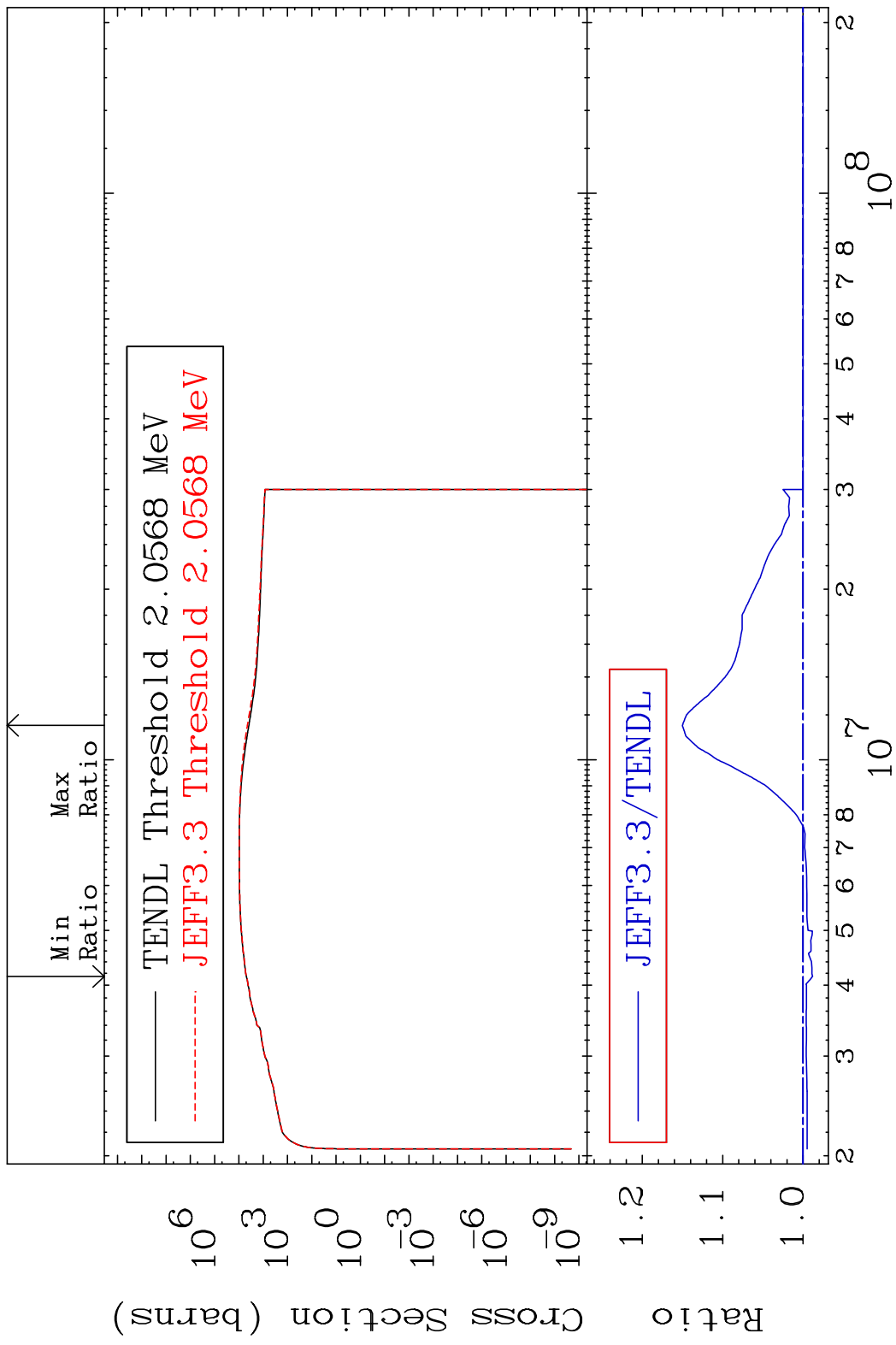
71

Incident Energy (eV)

20-Ca-47

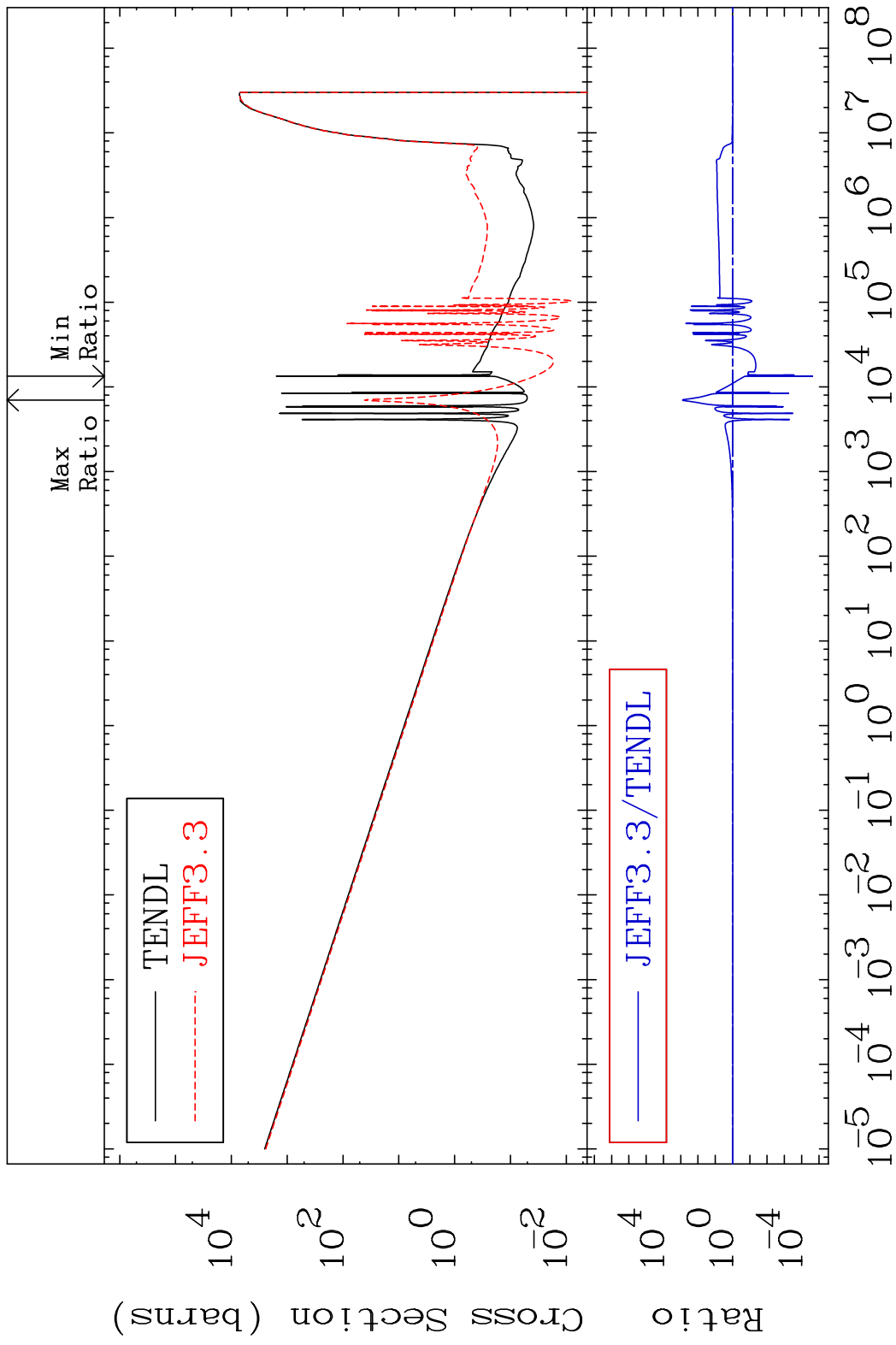


MAT 2046 Dpa inelastic (mt51-91) 20-Ca-47  
 Cross Section -1.184 To 15.01 %



72 Incident Energy (eV) 20-Ca-47

MAT 2046 Dpa disappearance (mt102 -120) 20-Ca-47  
 Cross Section -100.0 To 9999. %



73 Incident Energy (eV) 20-Ca-47