

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

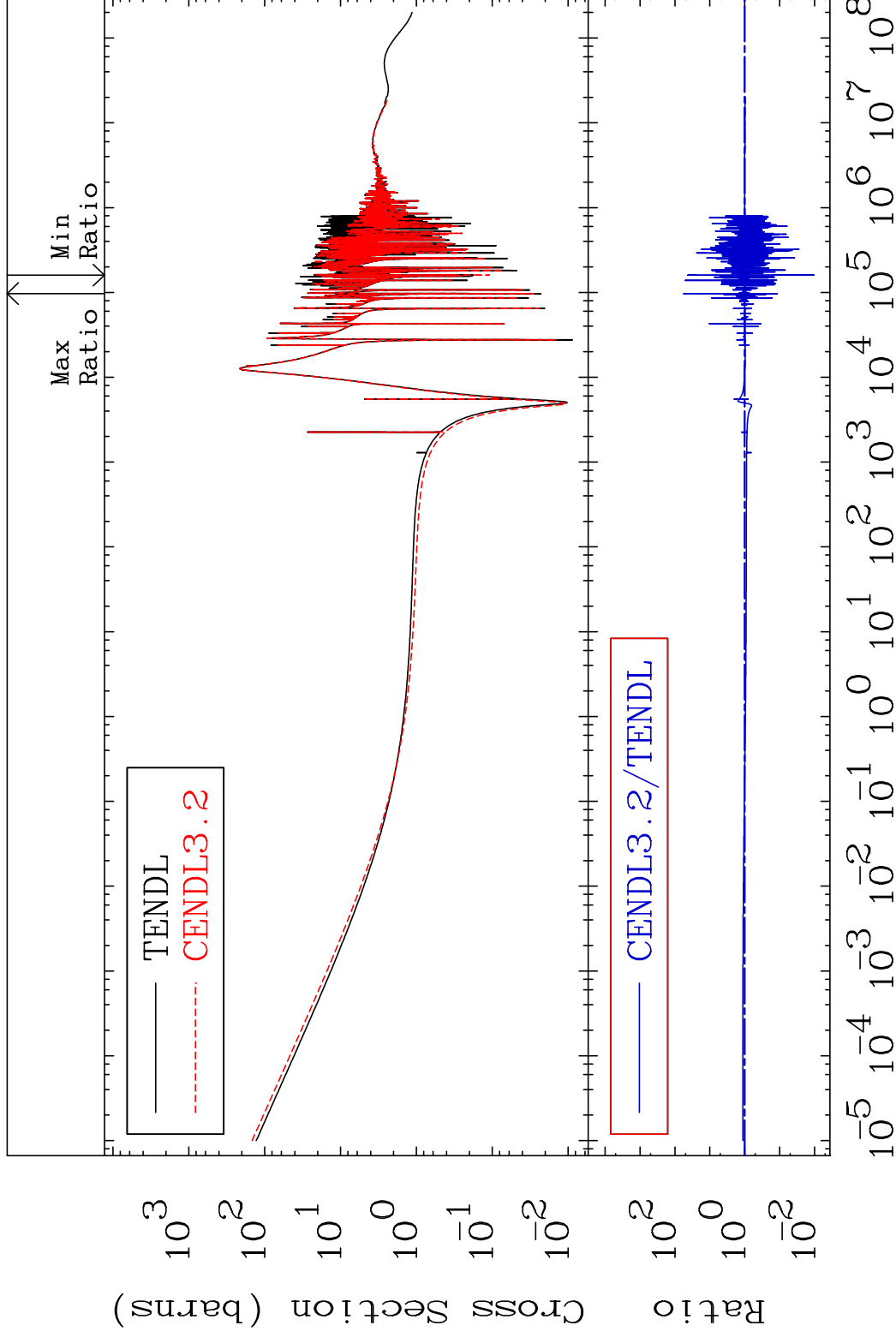
MAT 2831

Total

28-Ni-60

Cross Section

-98.97 To 5524. %



1

Incident Energy (eV)

28-Ni-60

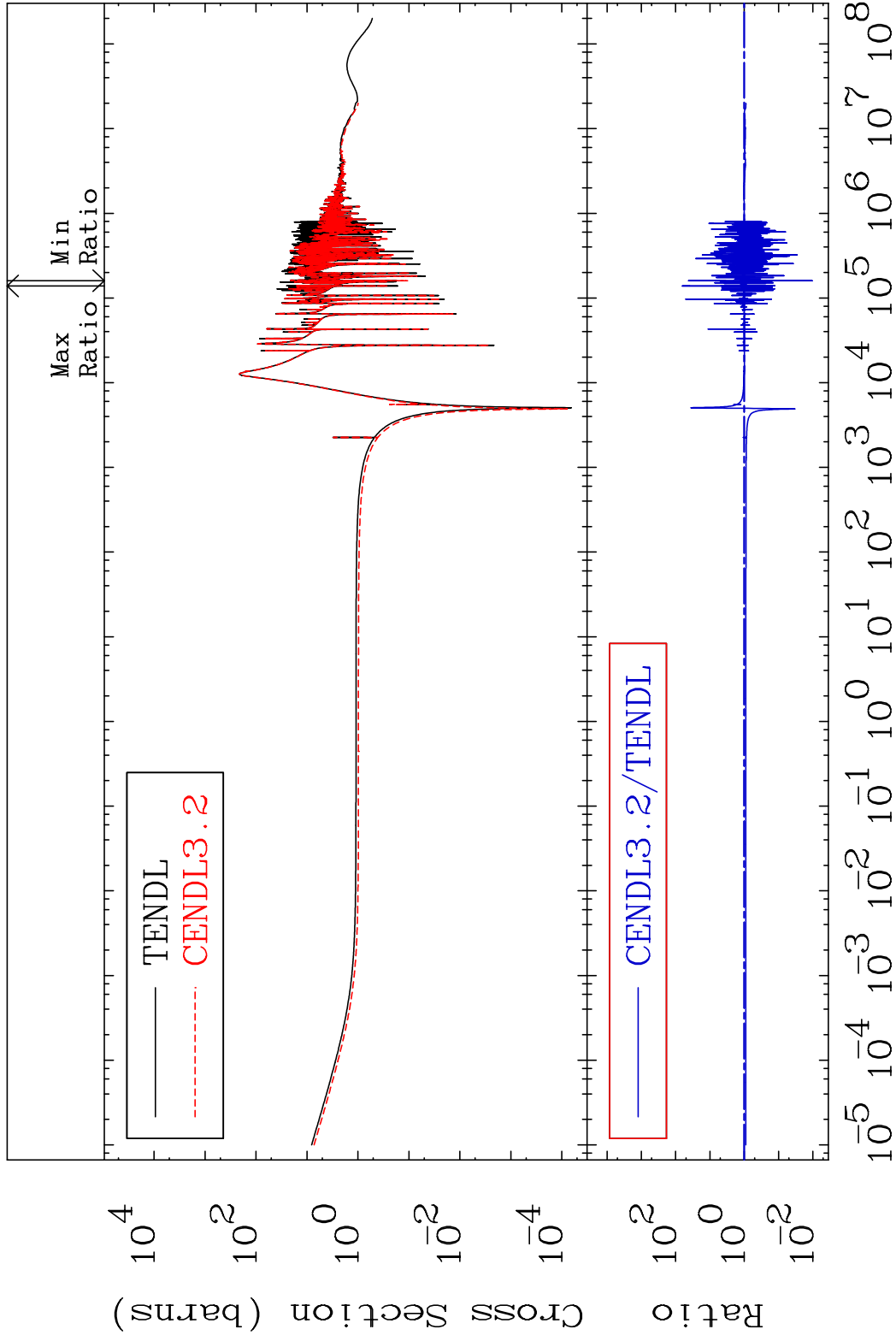
MAT 2831

Elastic

28-Ni-60

Cross Section

-98.98 To 6275. %

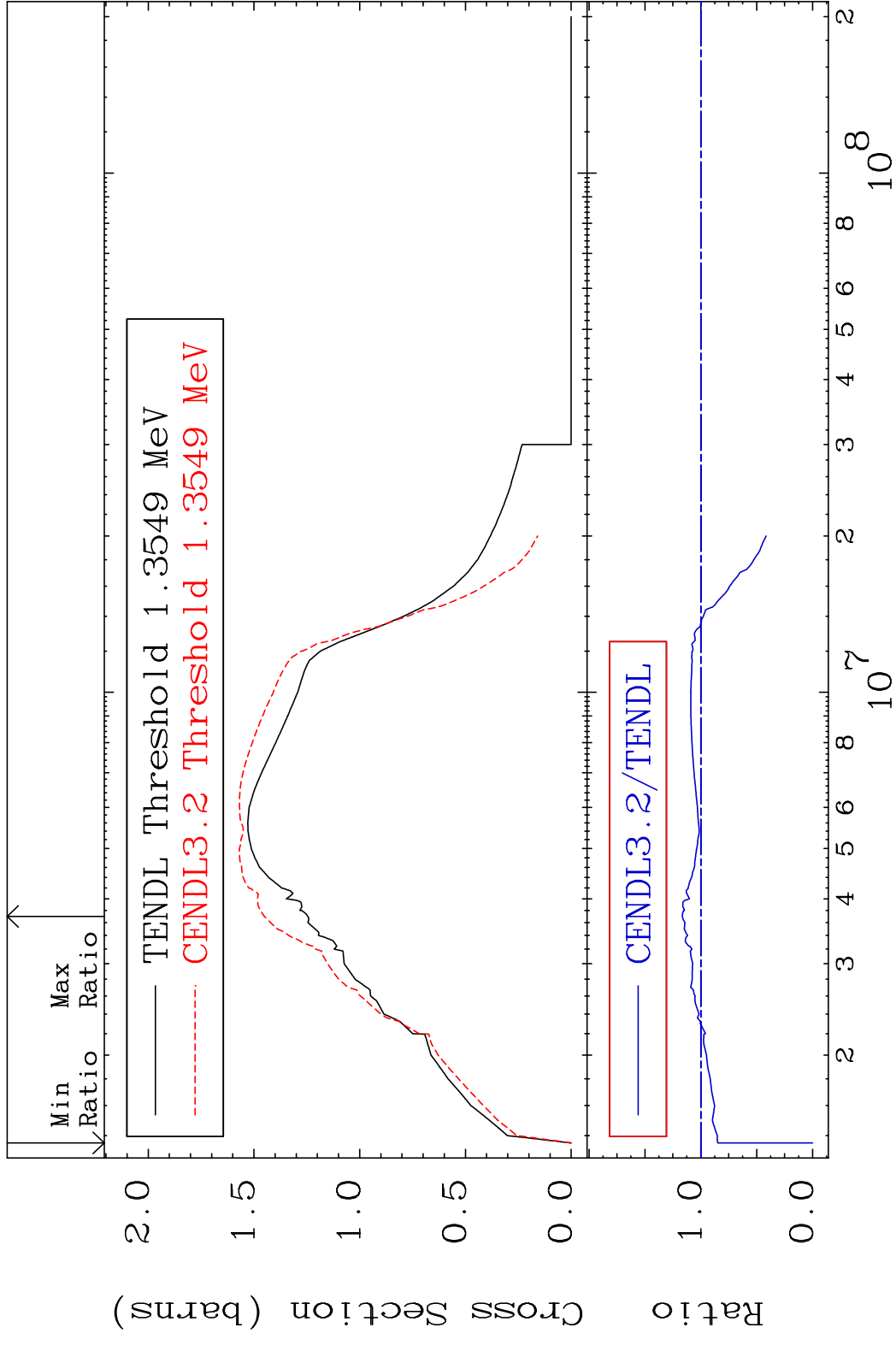


2

Incident Energy (eV)

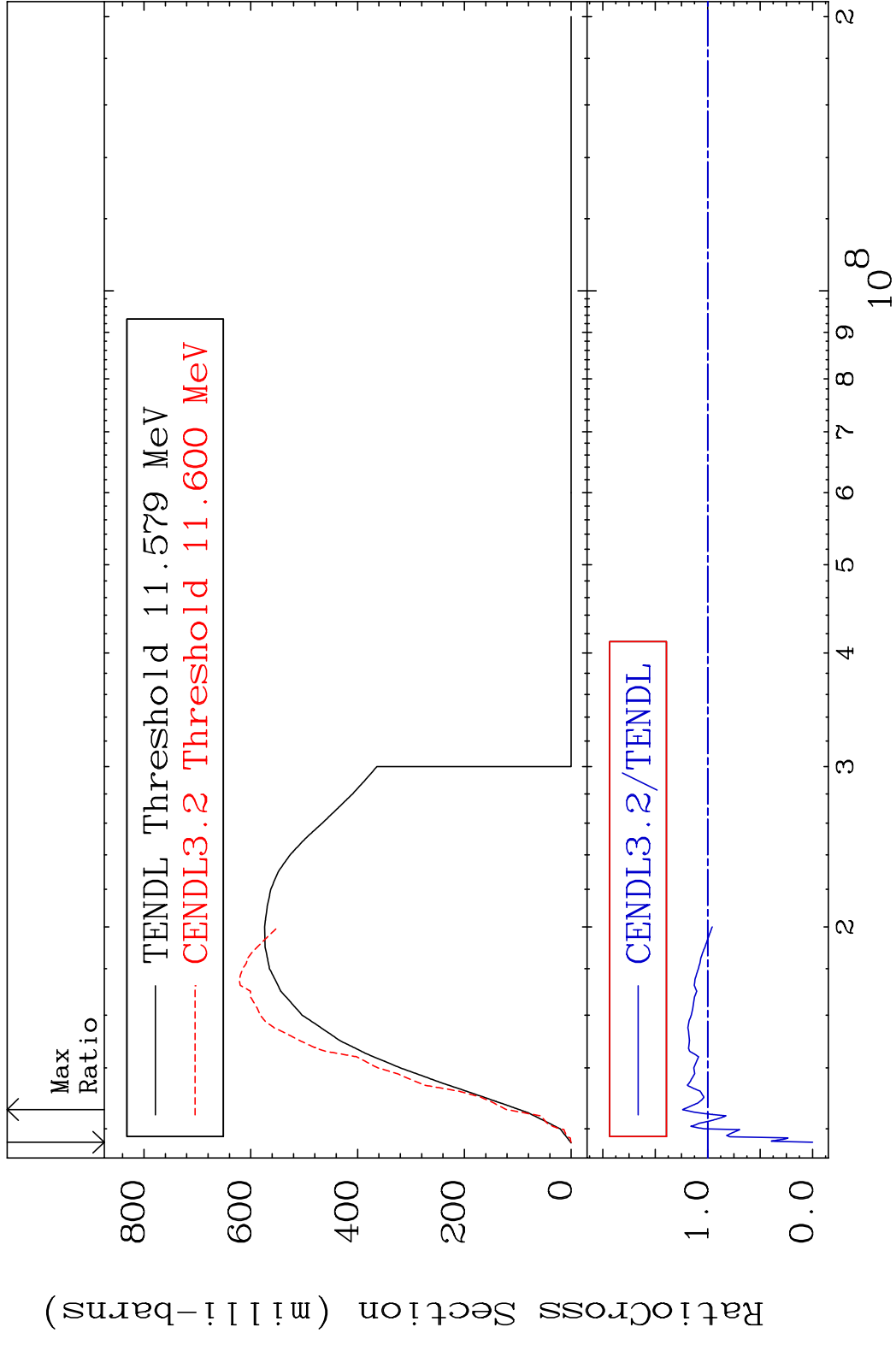
28-Ni-60

MAT 2831 Inelastic 28-Ni-60  
 Cross Section -100.0 To 16.50 %



3 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,2n) 28-Ni-60  
 Cross Section -100.0 To 24.09 %



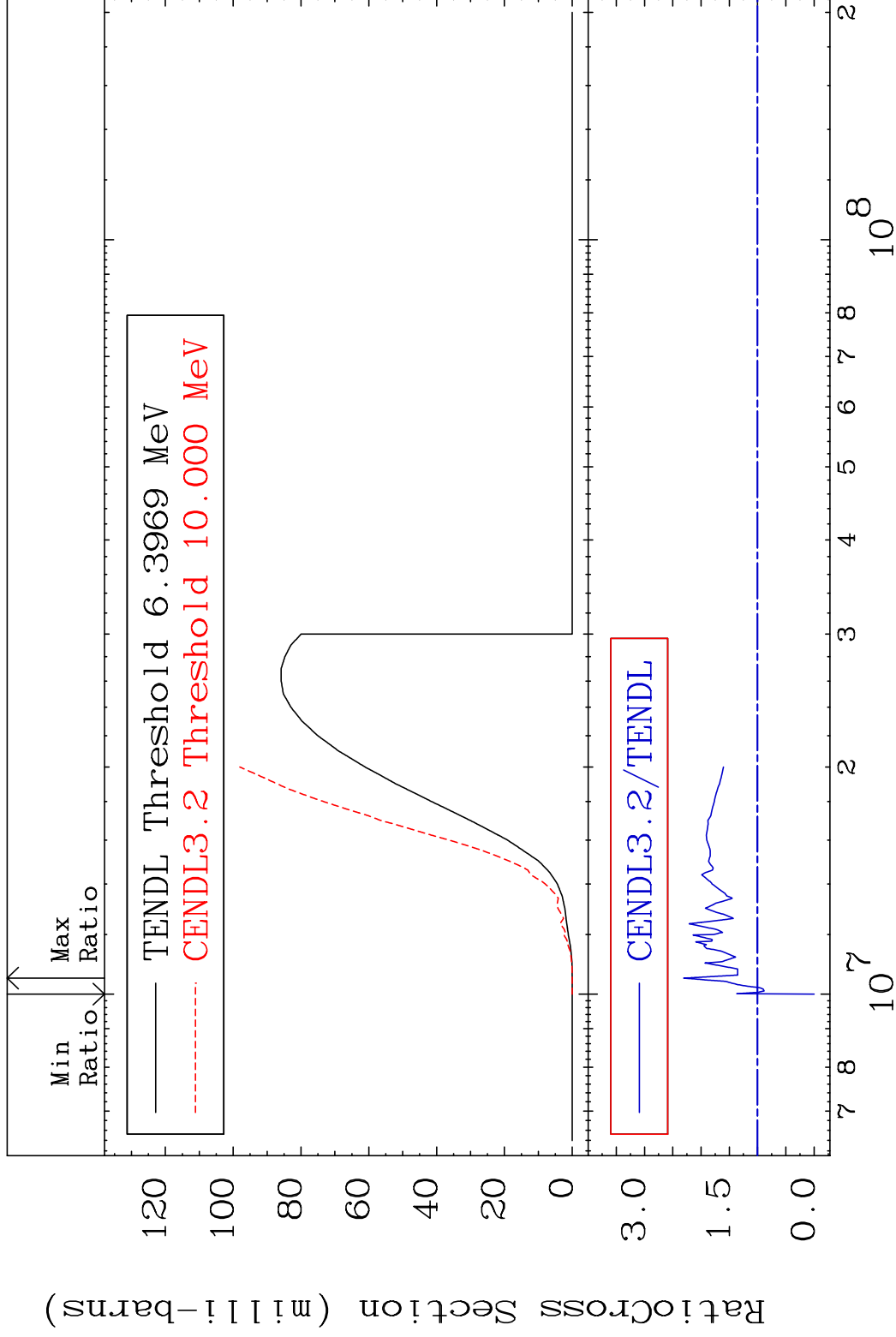
4 Incident Energy (eV) 28-Ni-60

MAT 2831

$^{28}\text{Ni-60}$

$(n, n') \alpha$

Cross Section -100.0 To 130.7 %



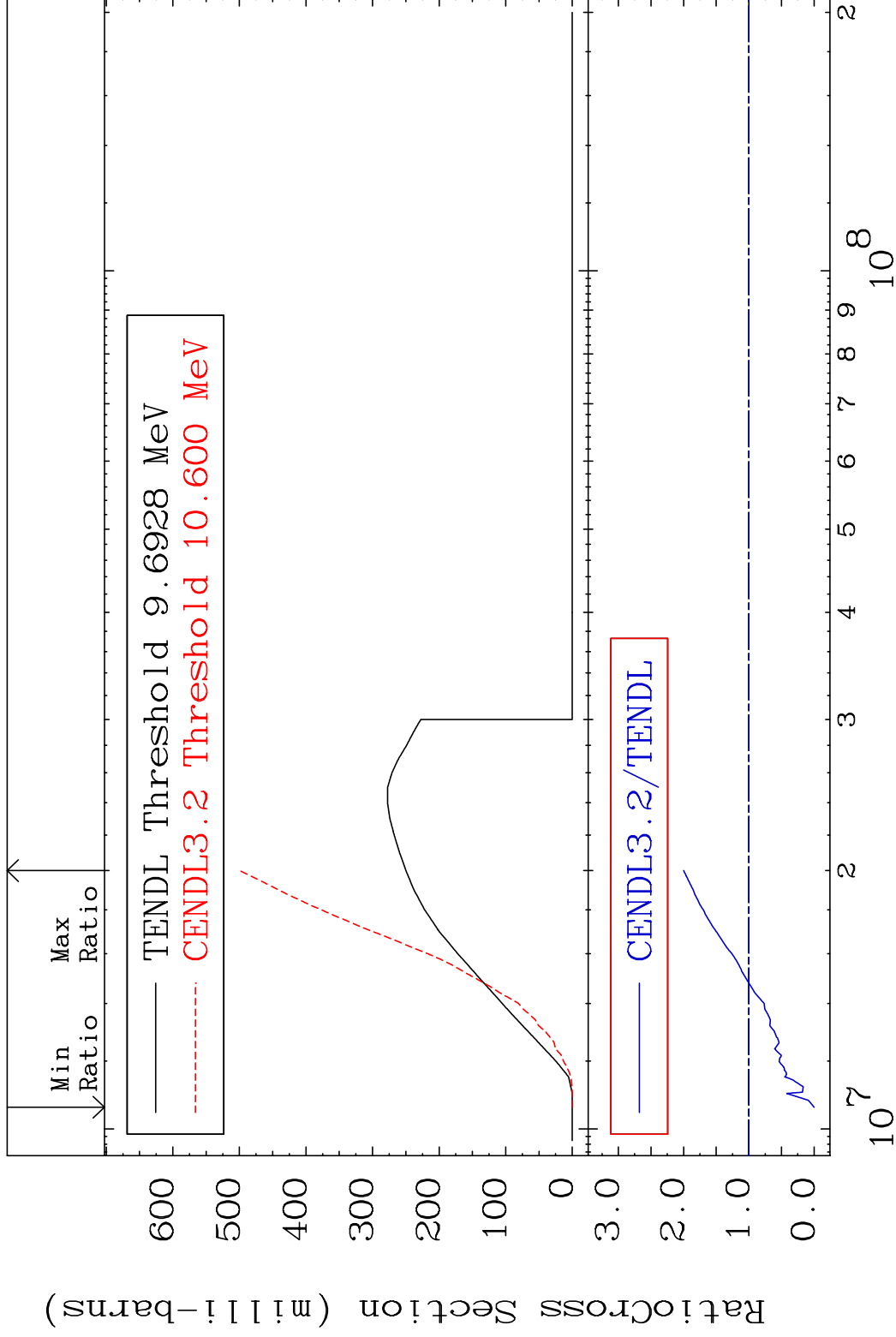
5

Incident Energy (eV)

$^{28}\text{Ni-60}$

MAT 2831

(n, n') p 28-Ni-60  
Cross Section -100.0 To 99.90 %

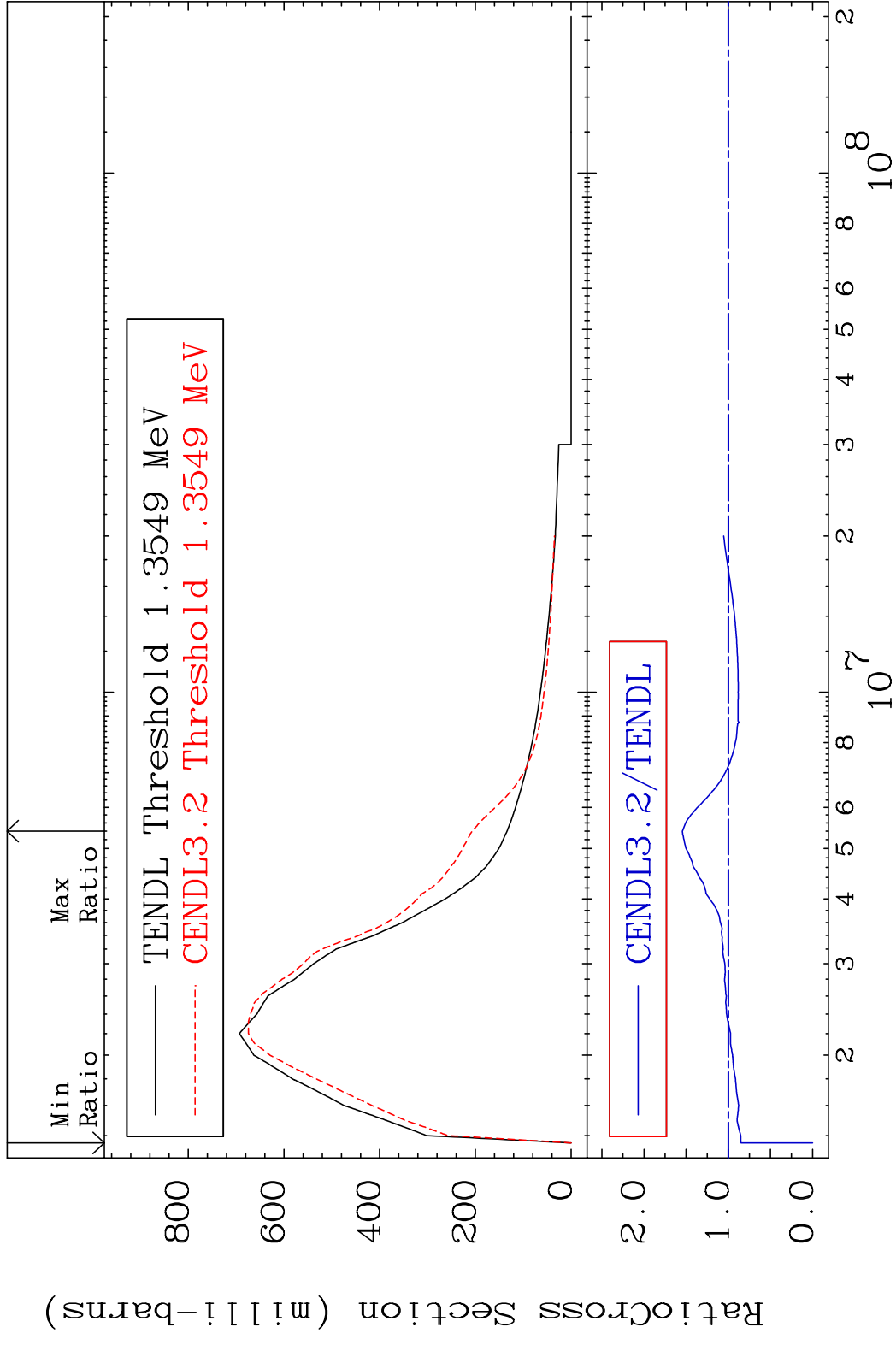


6

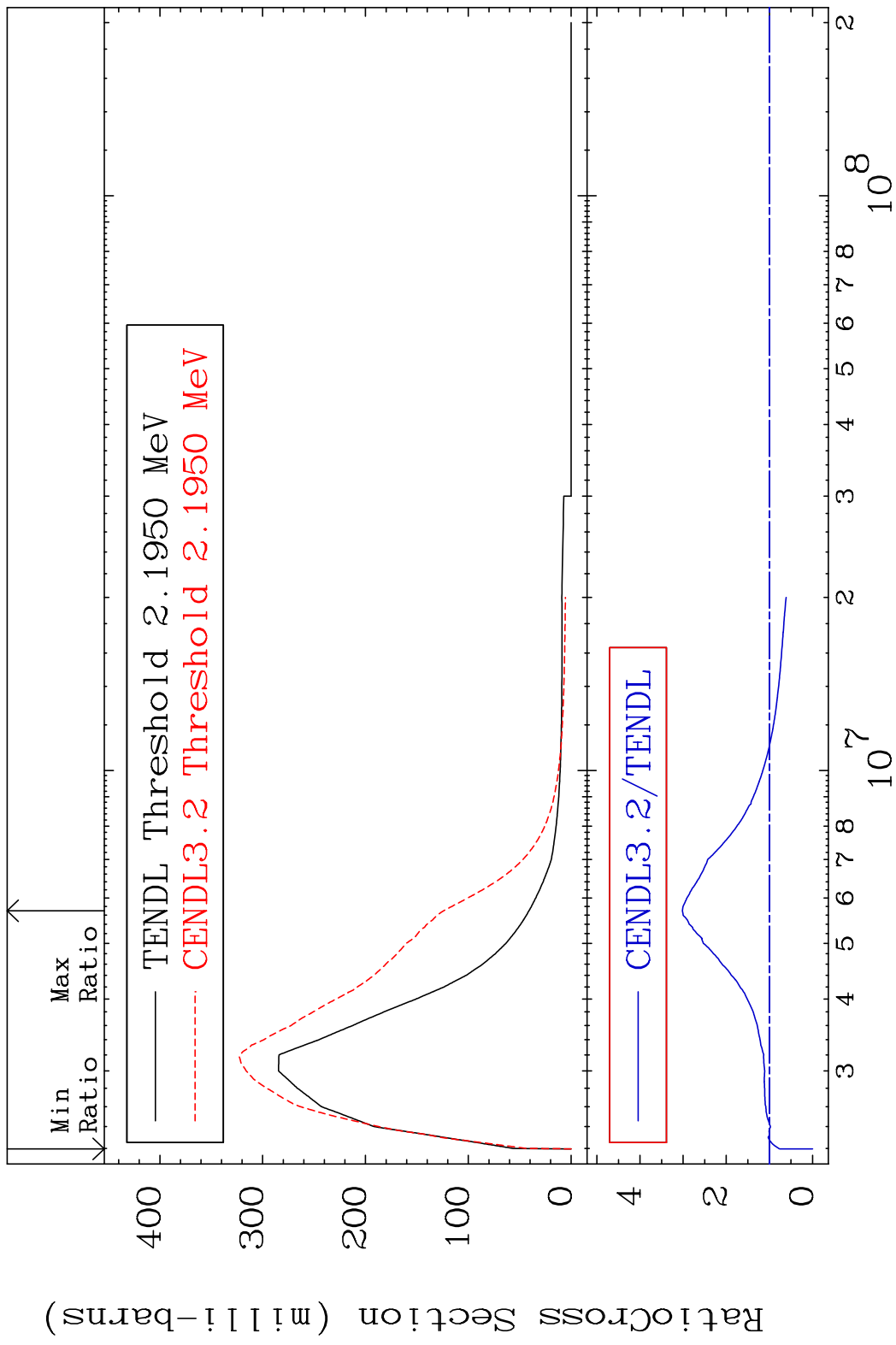
Incident Energy (eV)

28-Ni-60

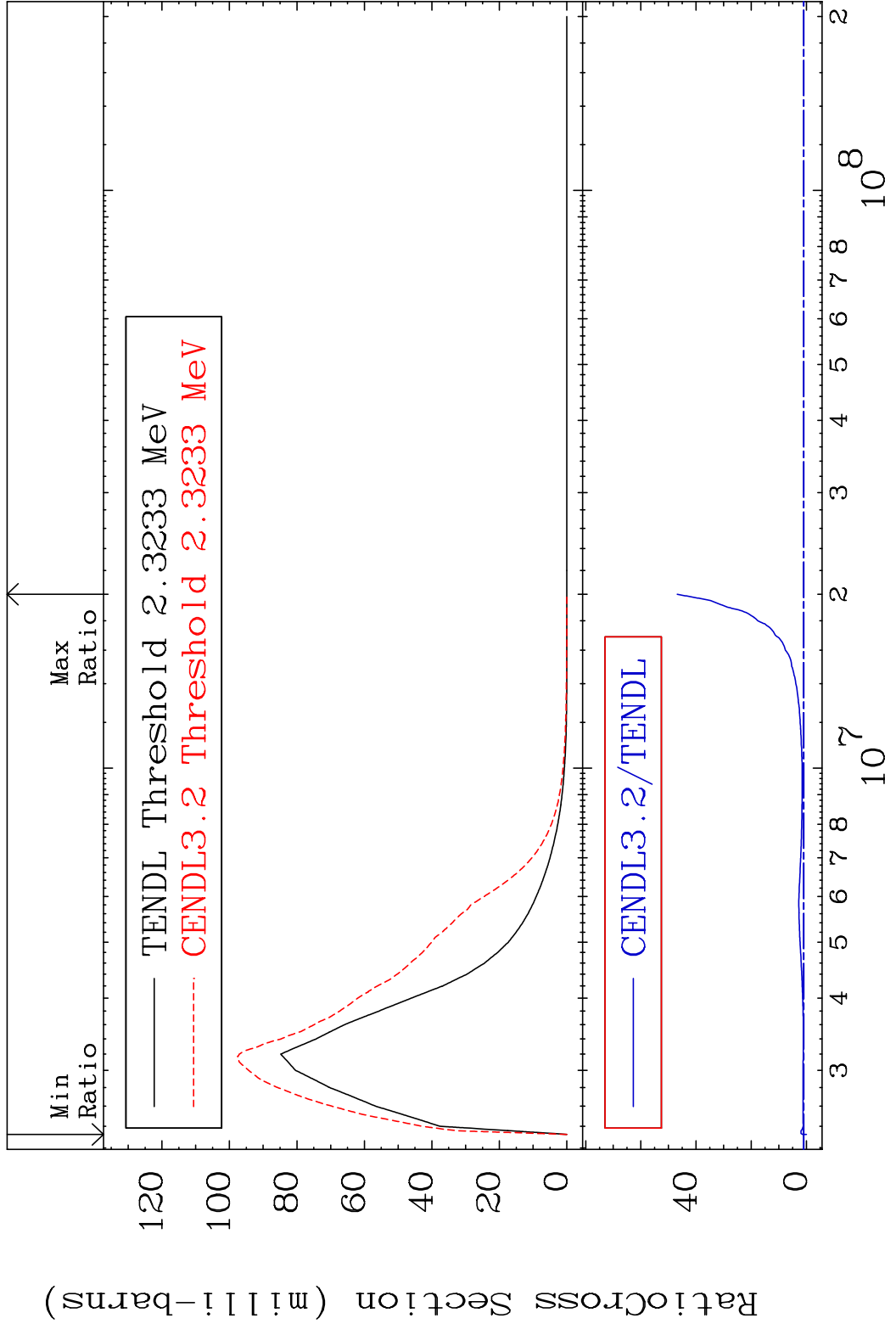
MAT 2831 MT= 51 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 54.48 %



MAT 2831 MT= 52 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 201.8 %

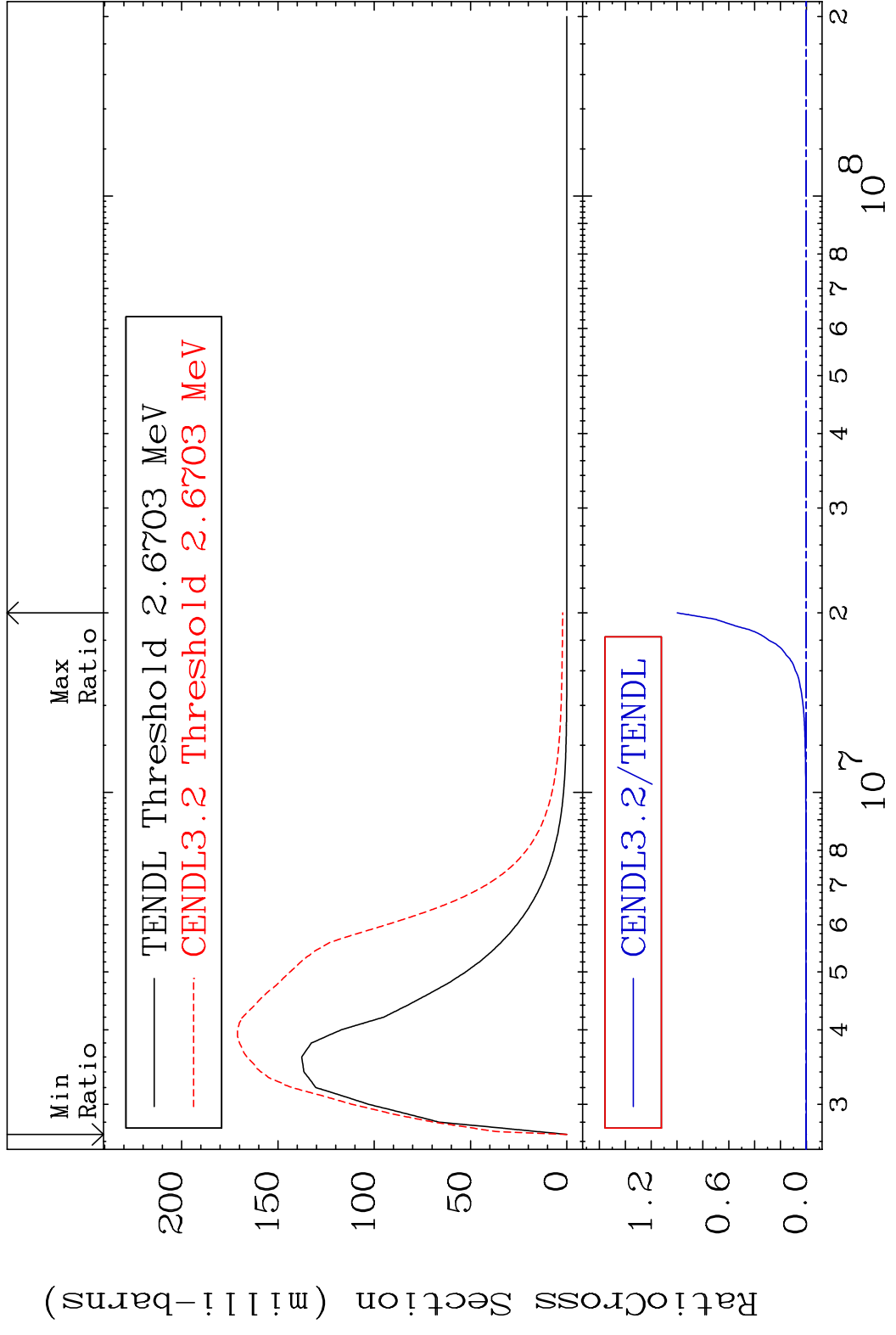


MAT 2831 MT= 53 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 4584. %



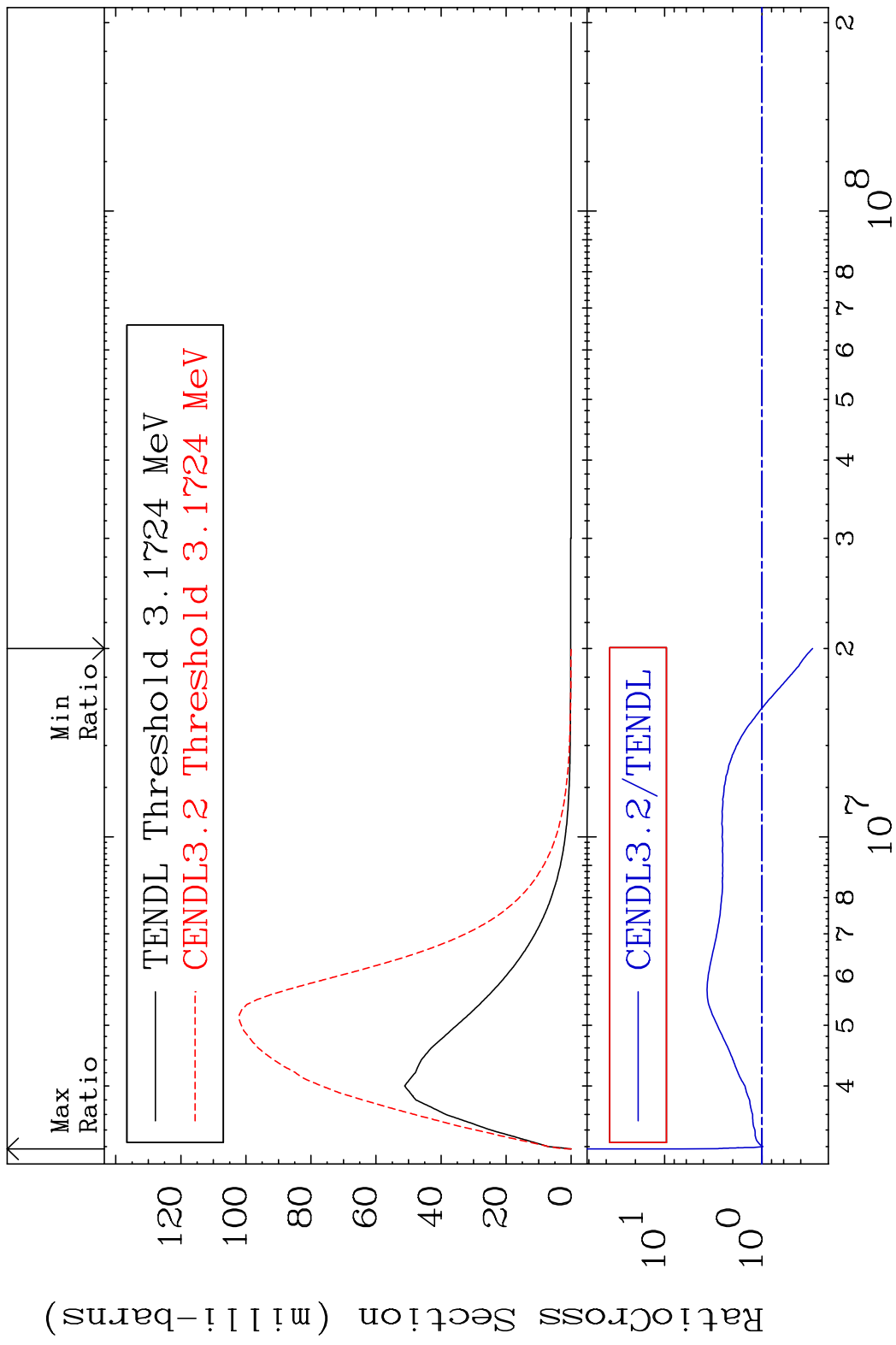


MAT 2831 MT= 55 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 9999. %

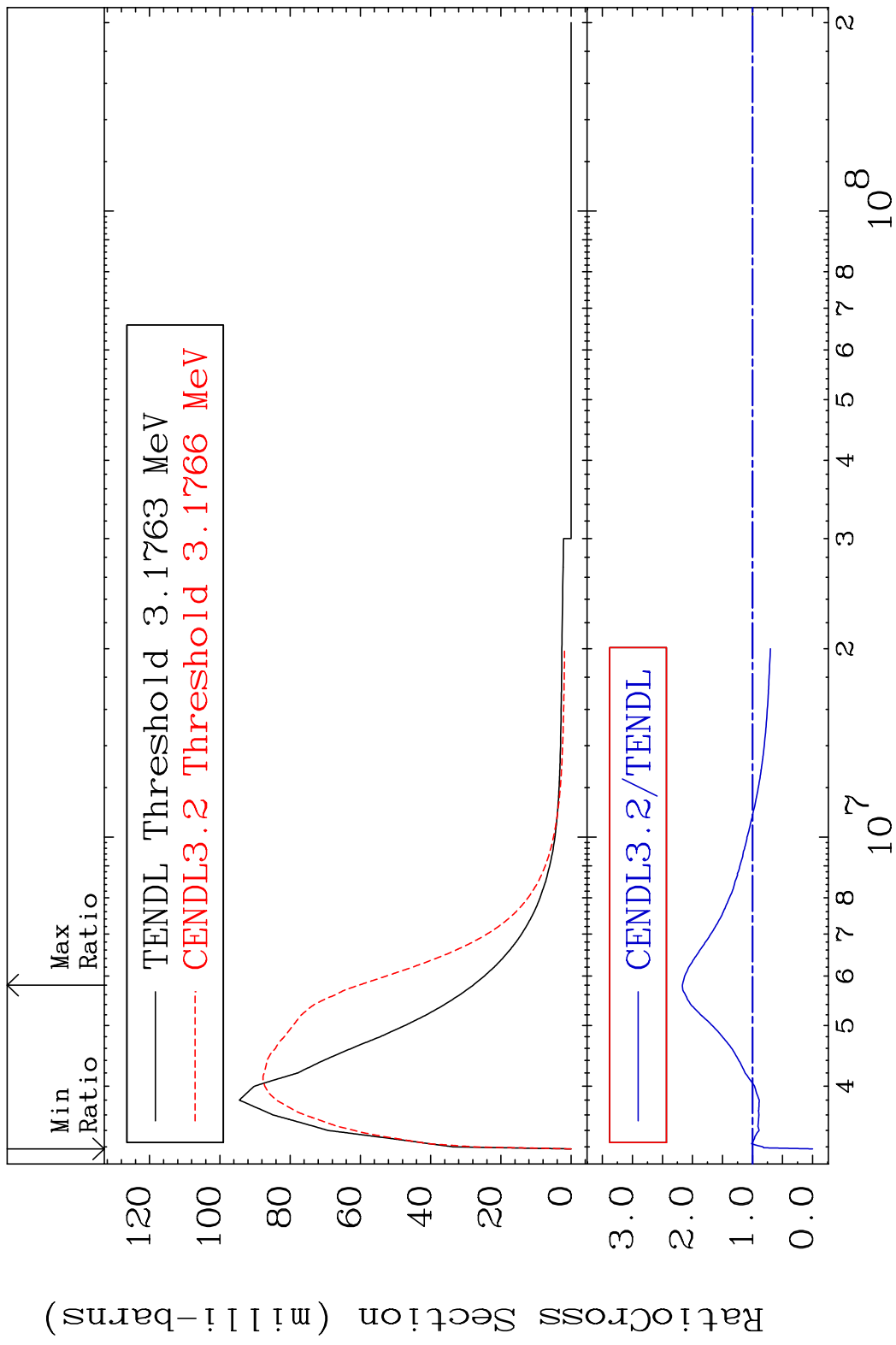


11 Incident Energy (eV) 28-Ni-60

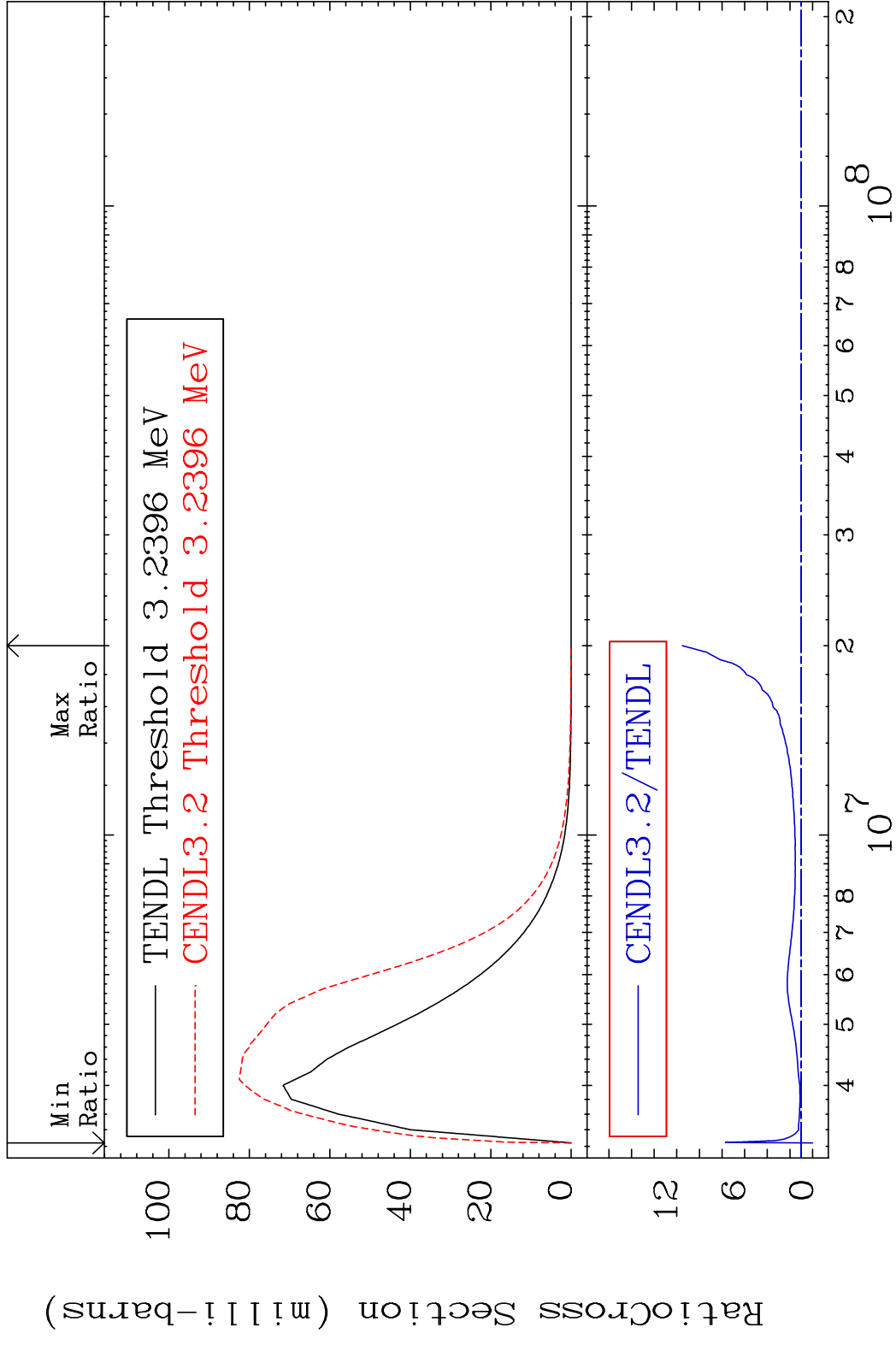
MAT 2831 MT= 56 (n,n') Level 28-Ni-60  
 Cross Section -69.75 To 558.6 %



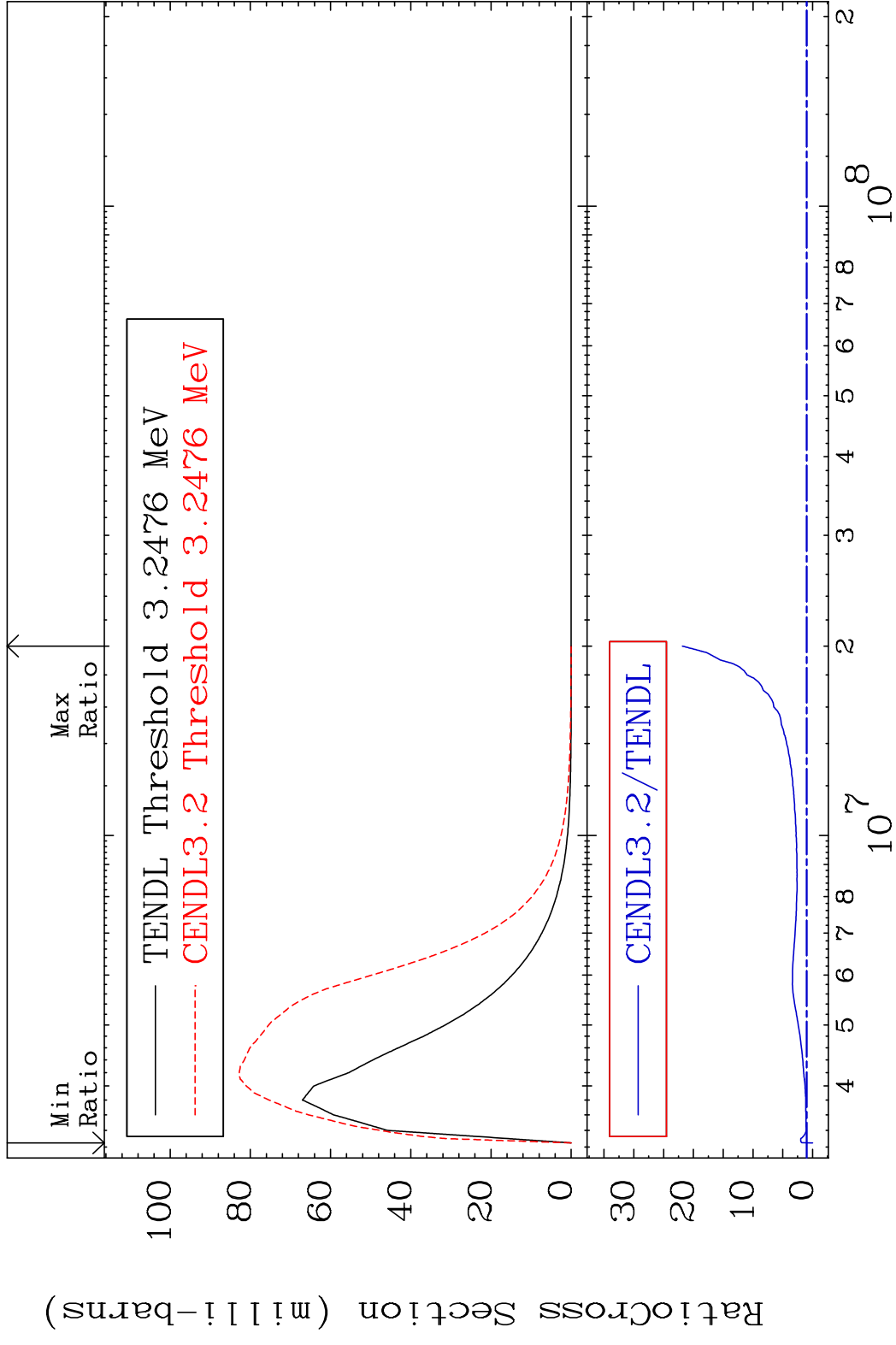
MAT 2831 MT= 57 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 116.9 %



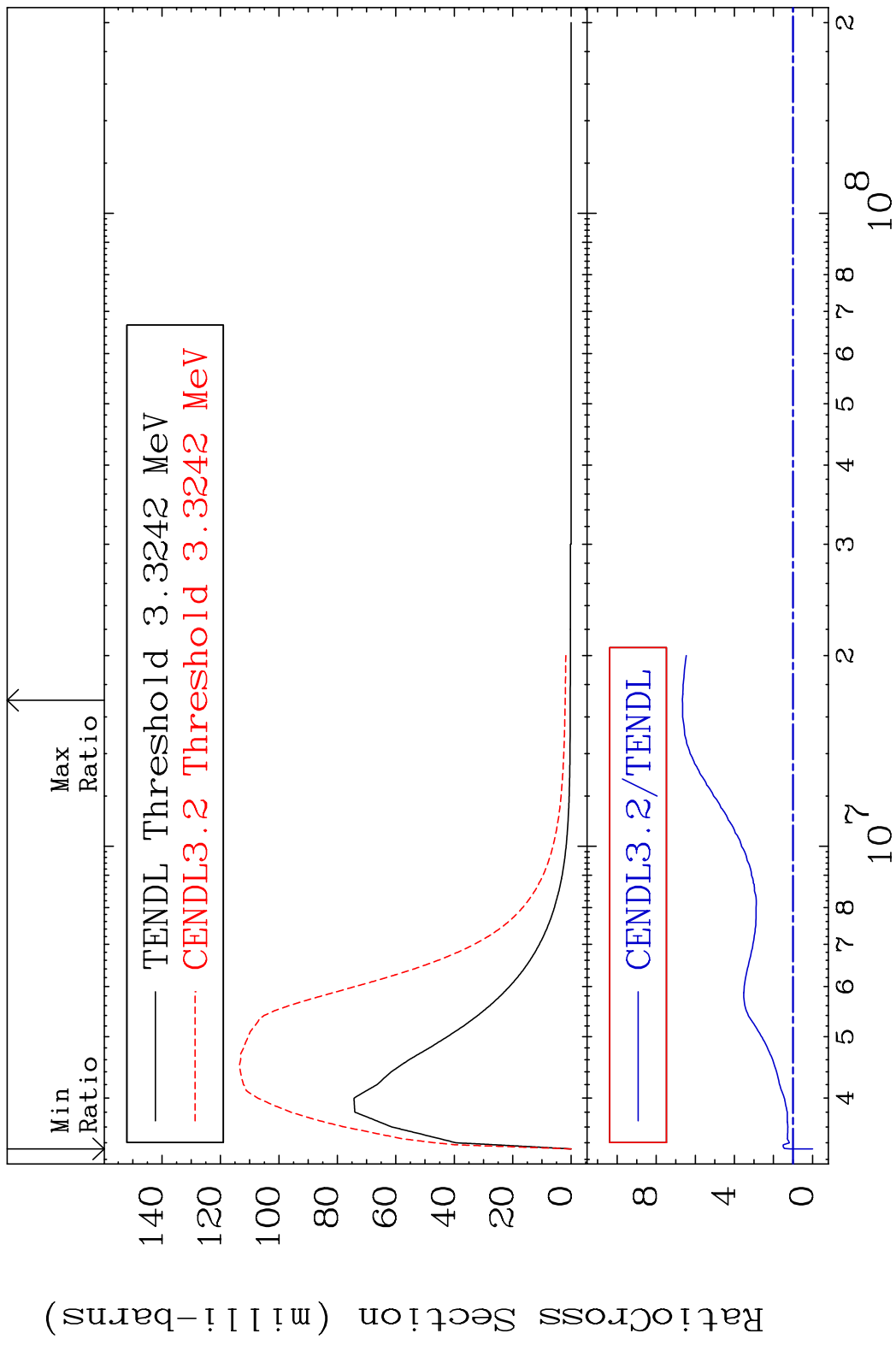
MAT 2831 MT= 58 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 1051. %



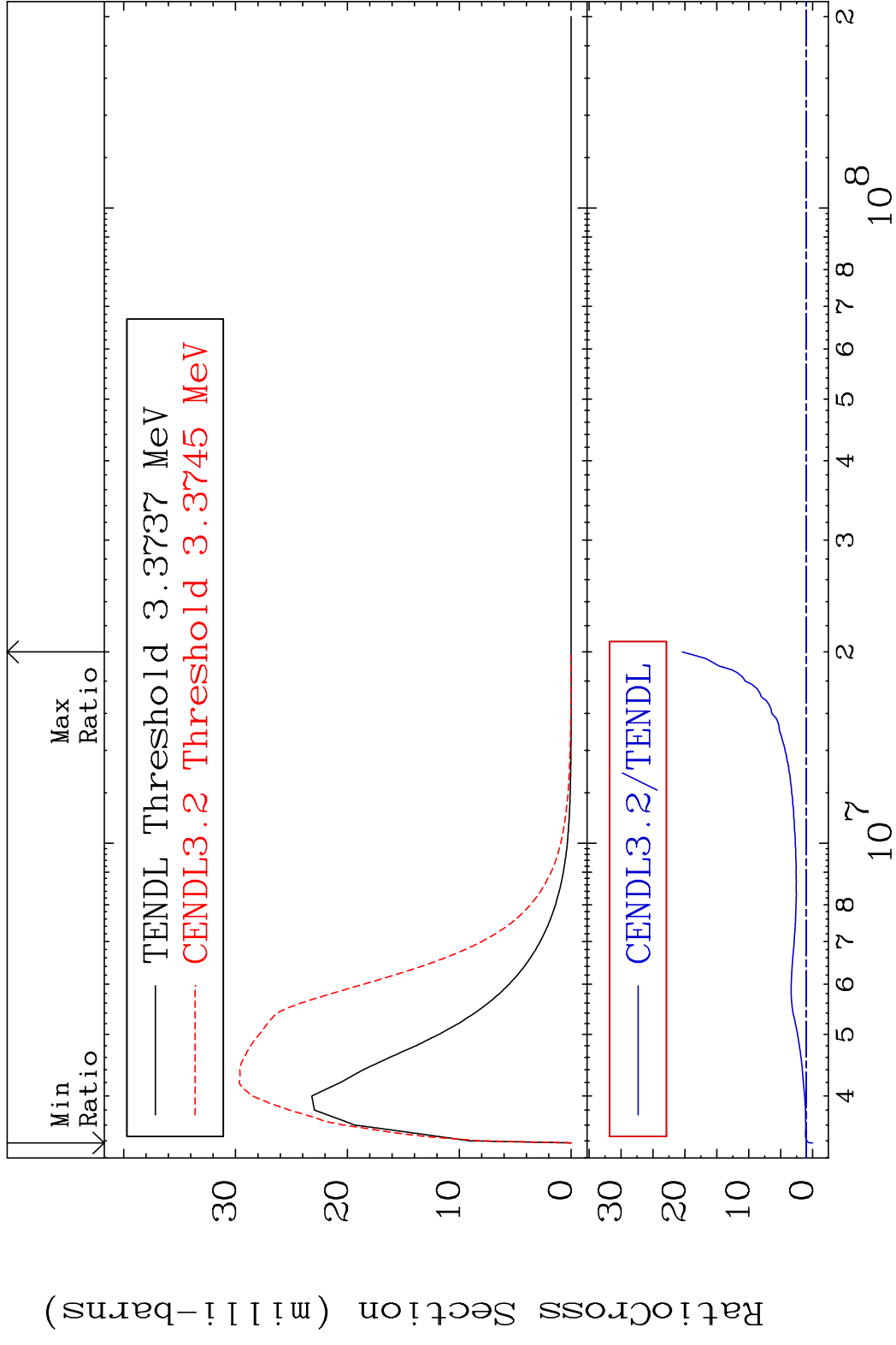
MAT 2831 MT= 59 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 2086. %



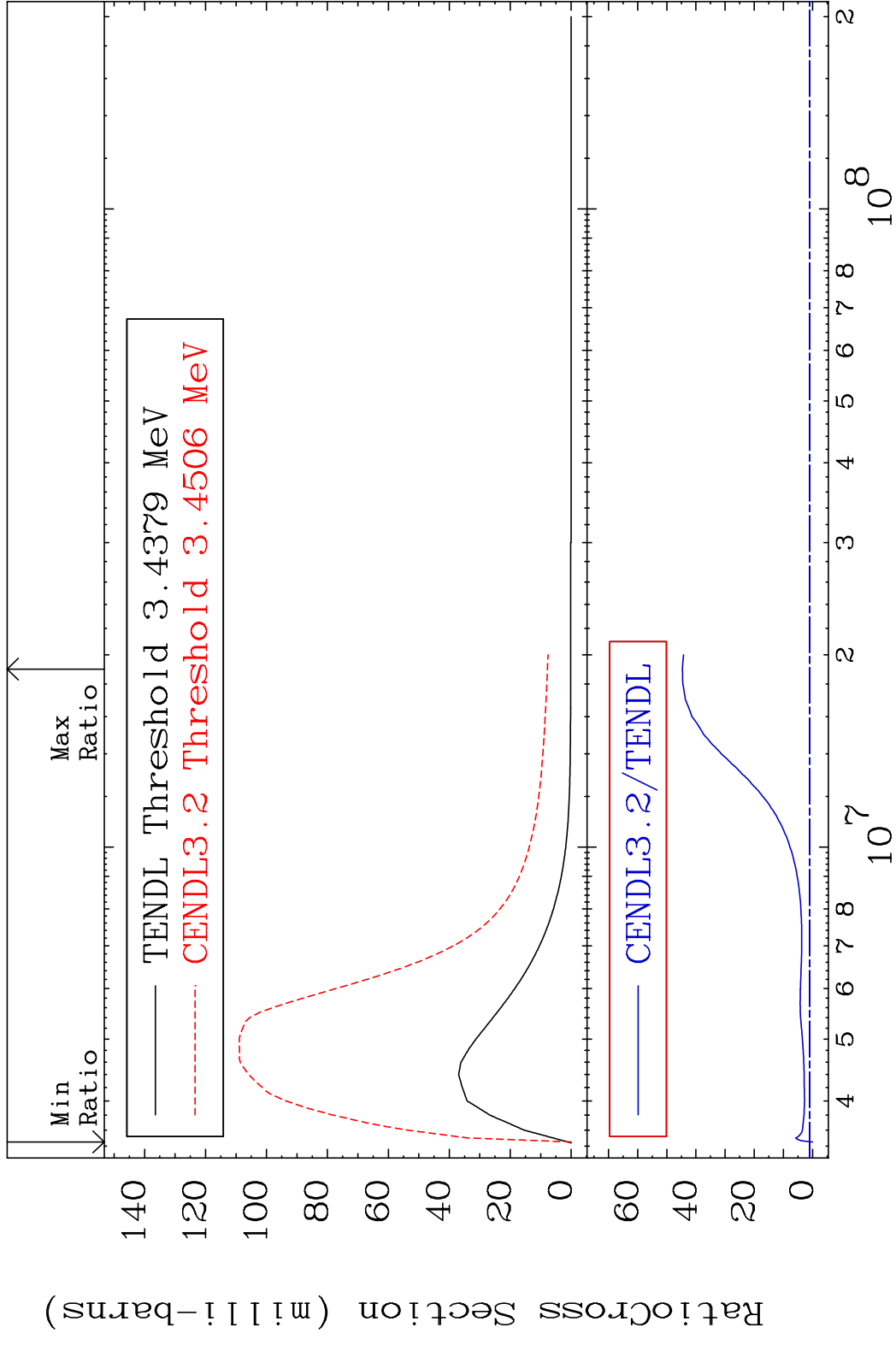
MAT 2831 MT= 60 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 566.3 %



MAT 2831 MT= 61 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 1940. %

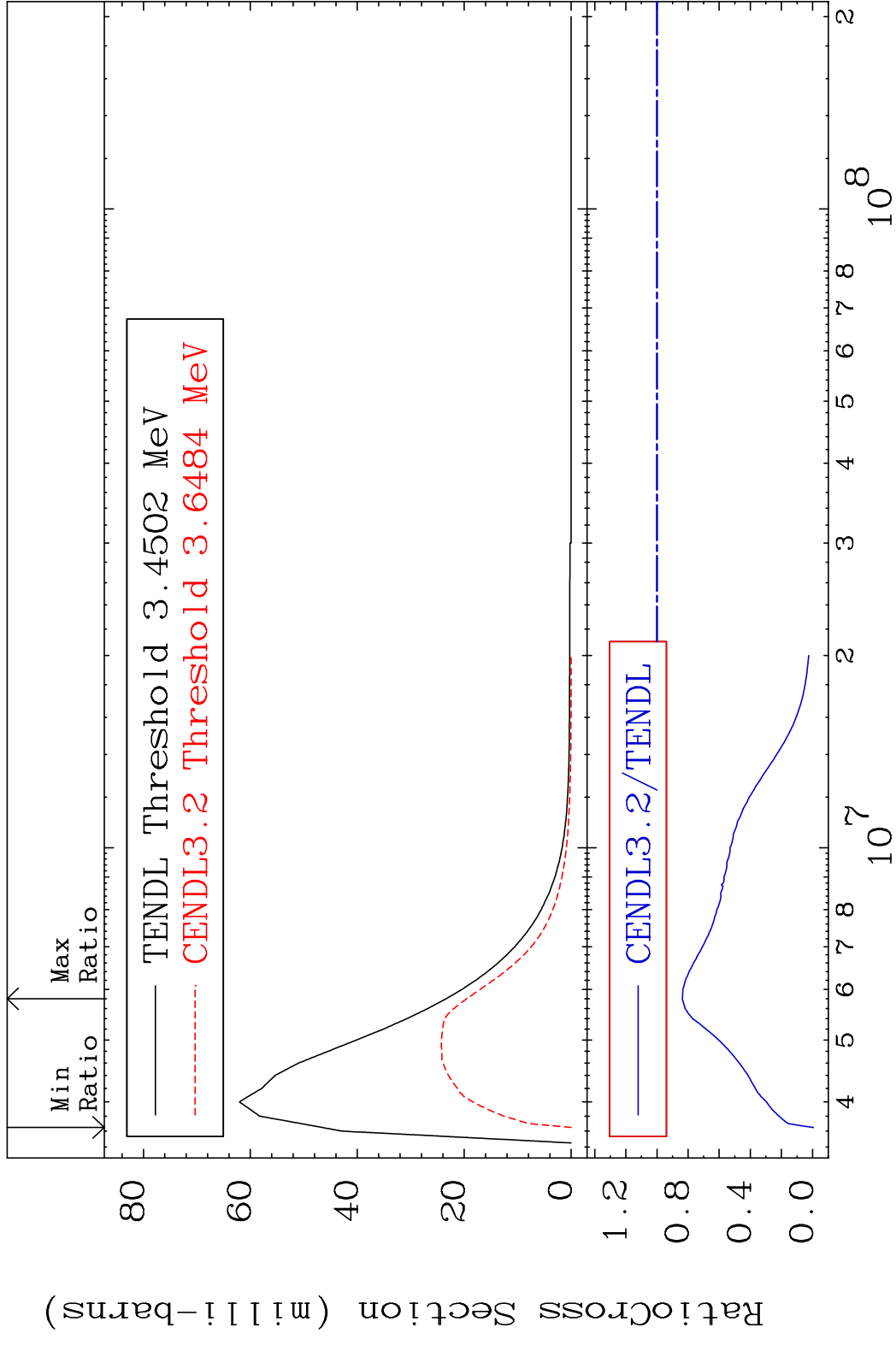


MAT 2831 MT= 62 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 4366. %

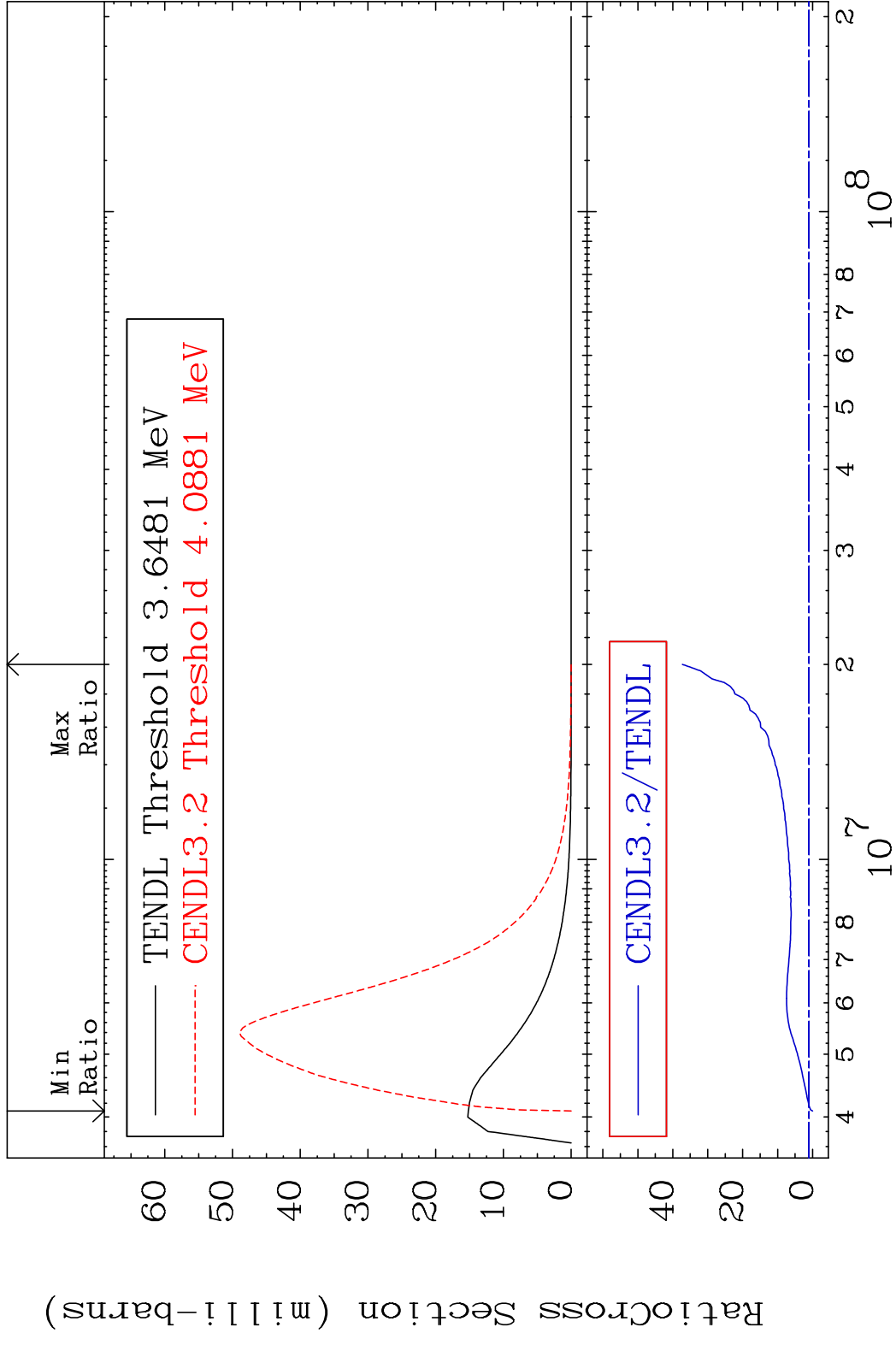


18 Incident Energy (eV) 28-Ni-60

MAT 2831 MT= 63 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To -16.32%

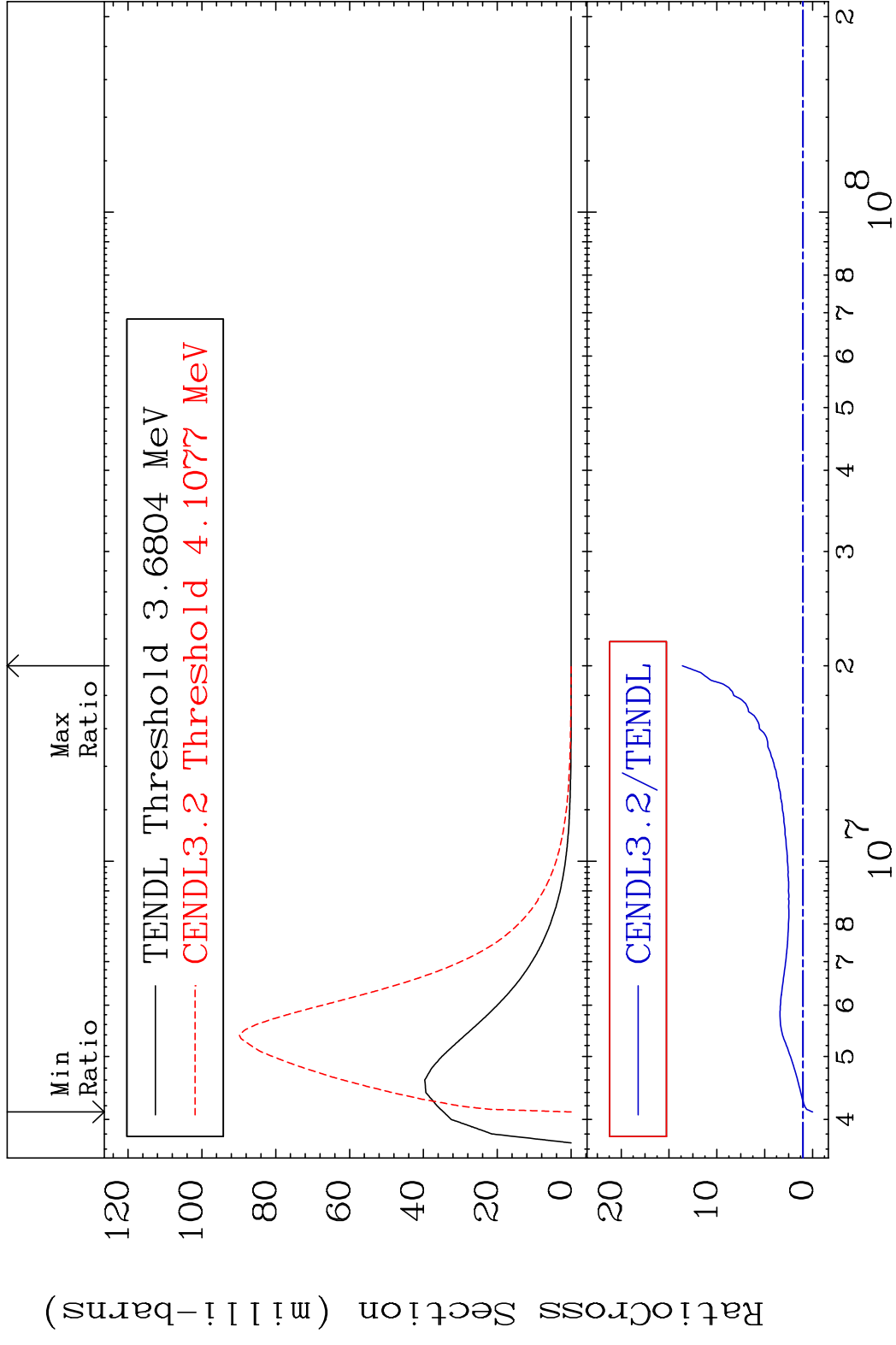


MAT 2831 MT= 64 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 3626. %

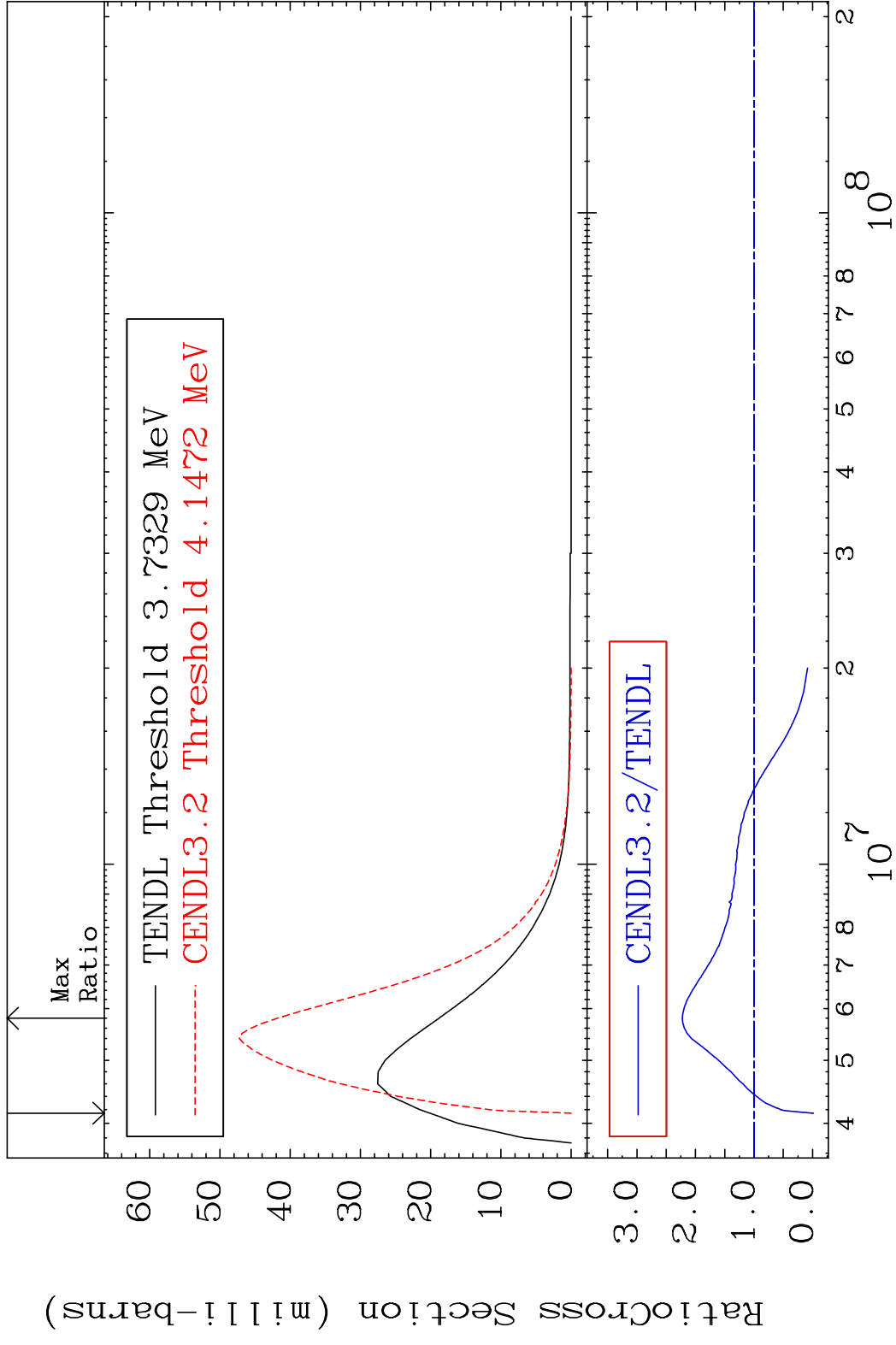


20 Incident Energy (eV) 28-Ni-60

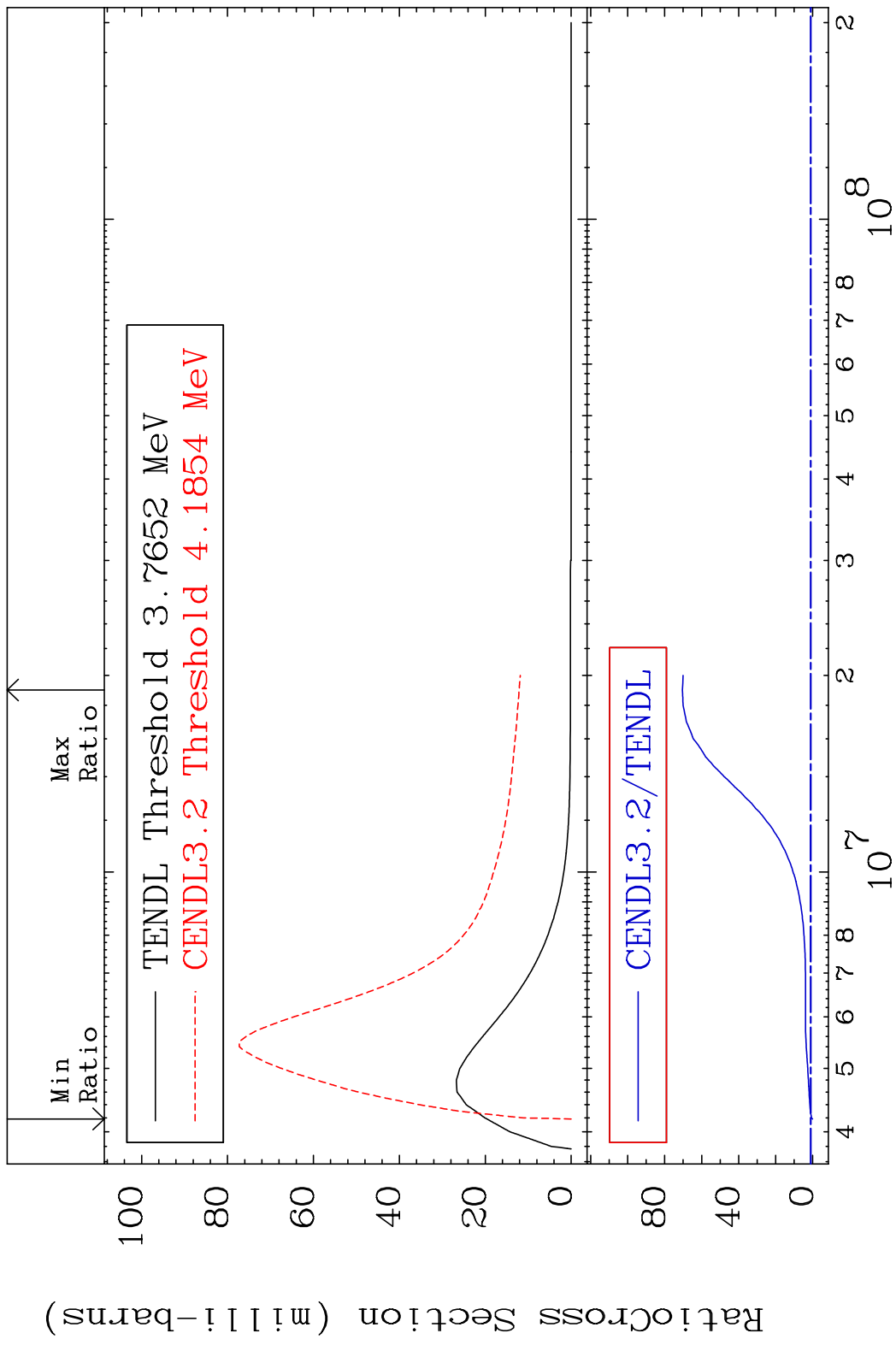
MAT 2831 MT= 65 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 1261. %



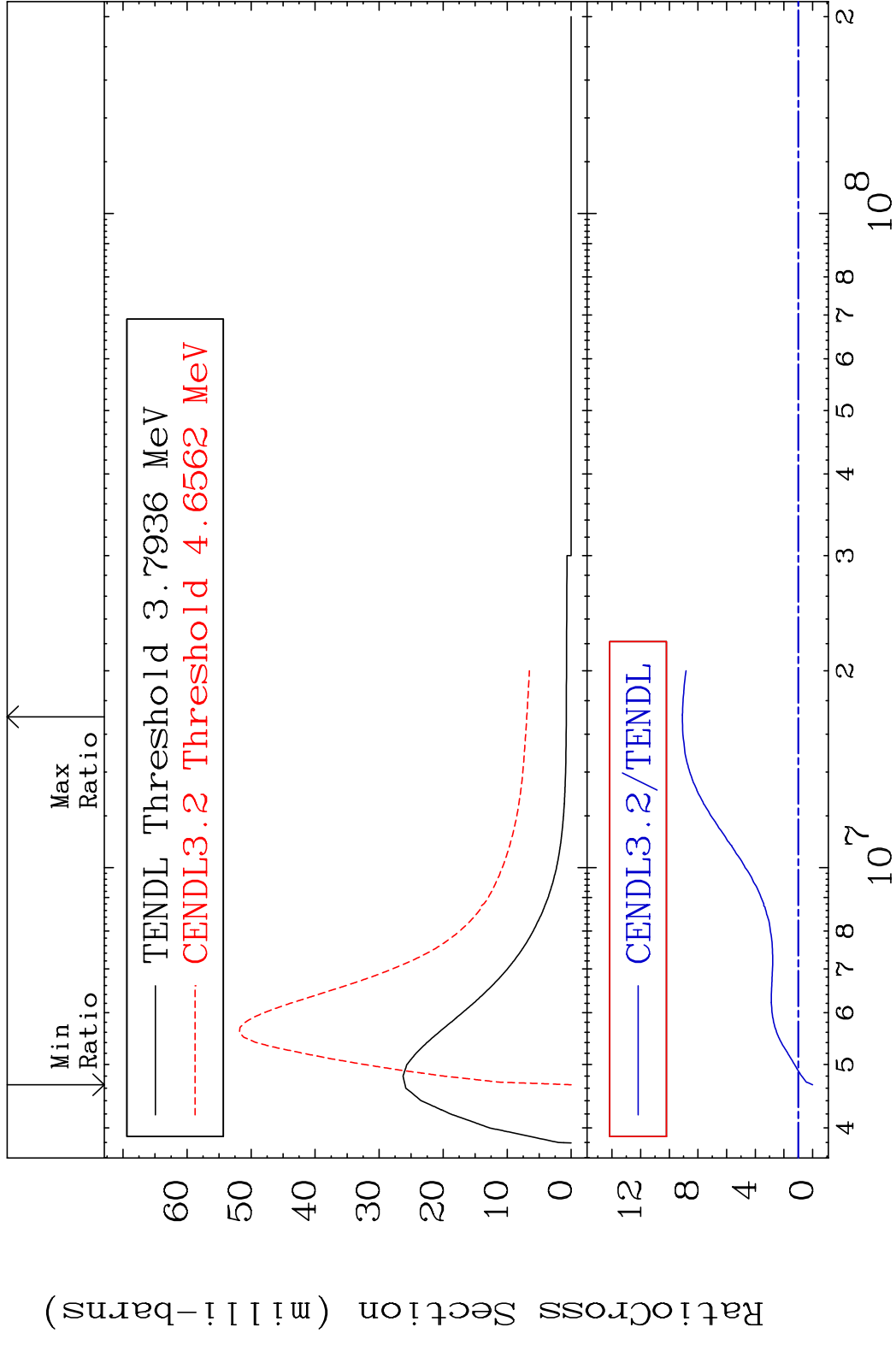
MAT 2831 MT= 66 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 122.4 %



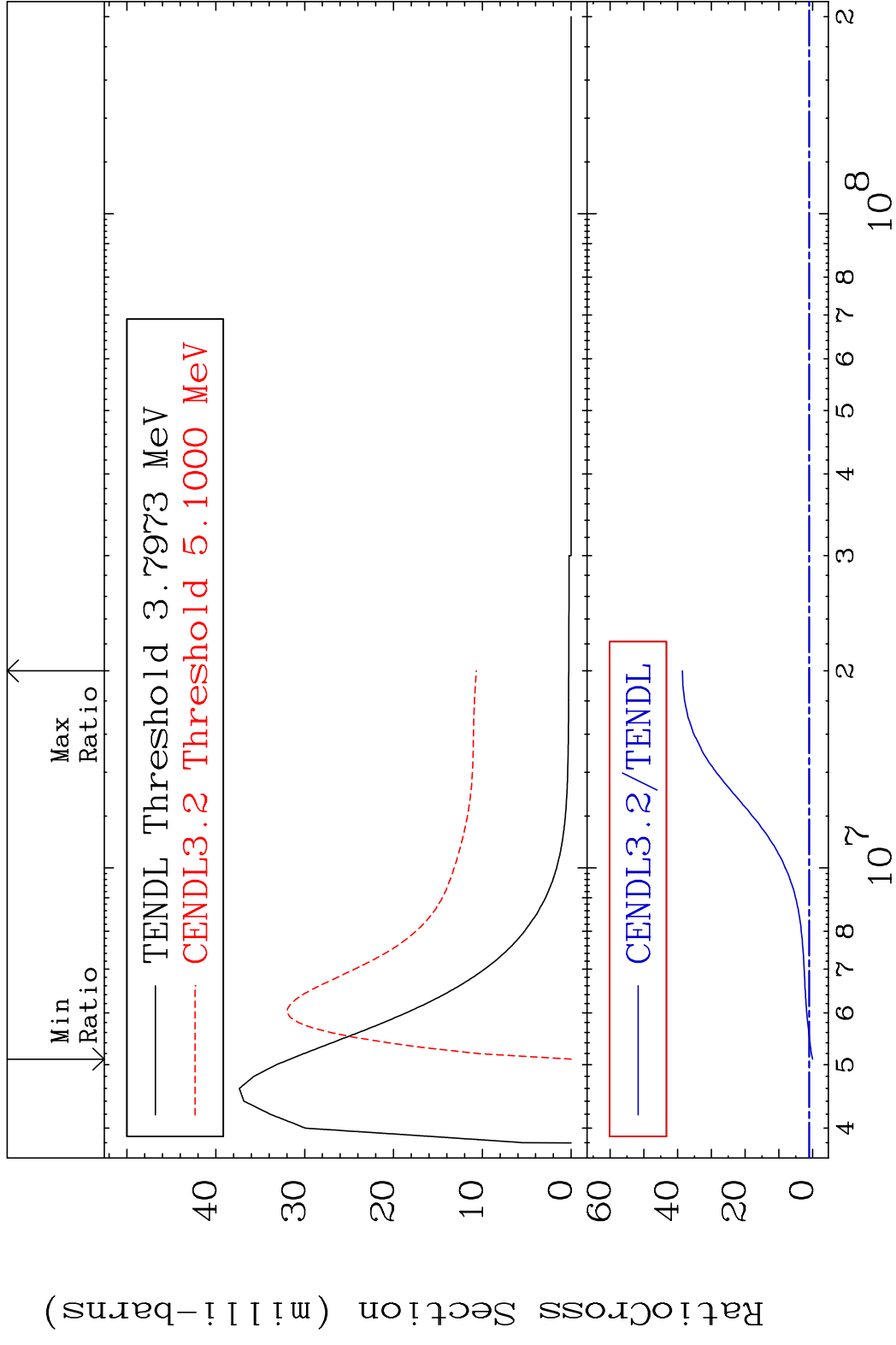
MAT 2831 MT= 67 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 6945. %



MAT 2831 MT= 68 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 808.9 %

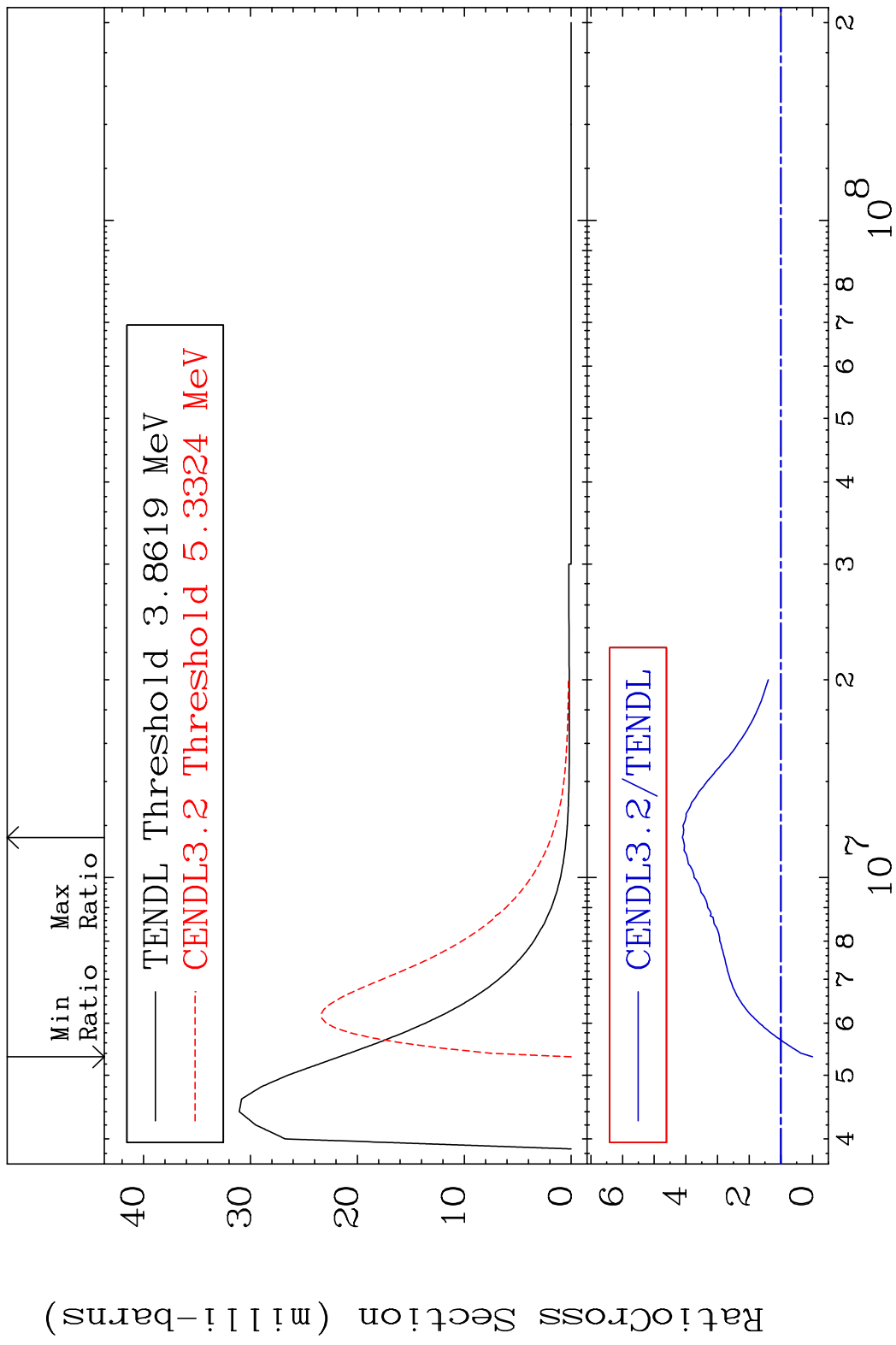


MAT 2831 MT= 69 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 3759. %

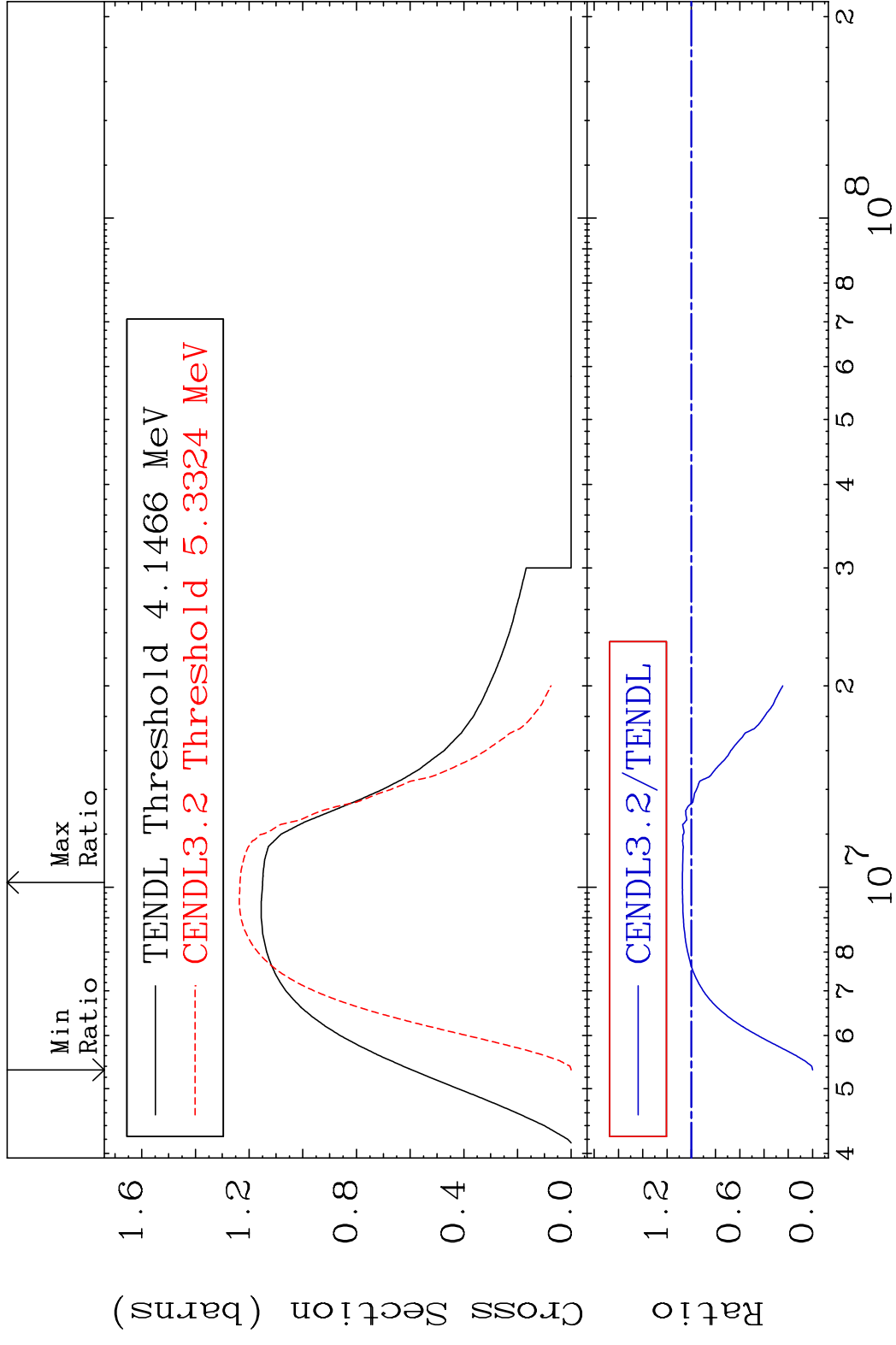


25 Incident Energy (eV) 28-Ni-60

MAT 2831 MT= 70 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 311.1 %



MAT 2831 (n,n') Continuum 28-Ni-60  
 Cross Section -100.0 To 7.344 %



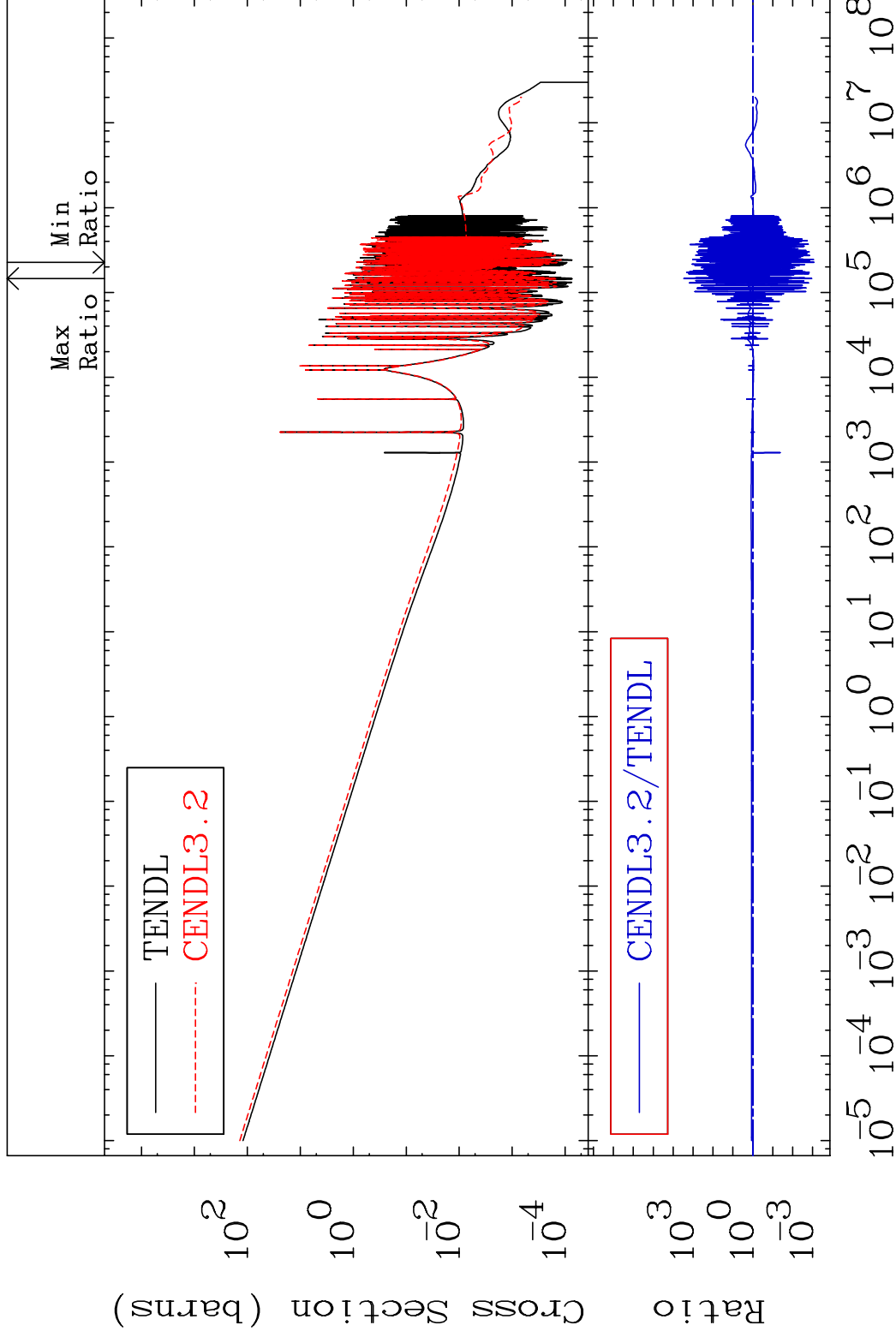
MAT 2831

(n,  $\gamma$ )

28-Ni-60

Cross Section

-99.92 To 9999. %

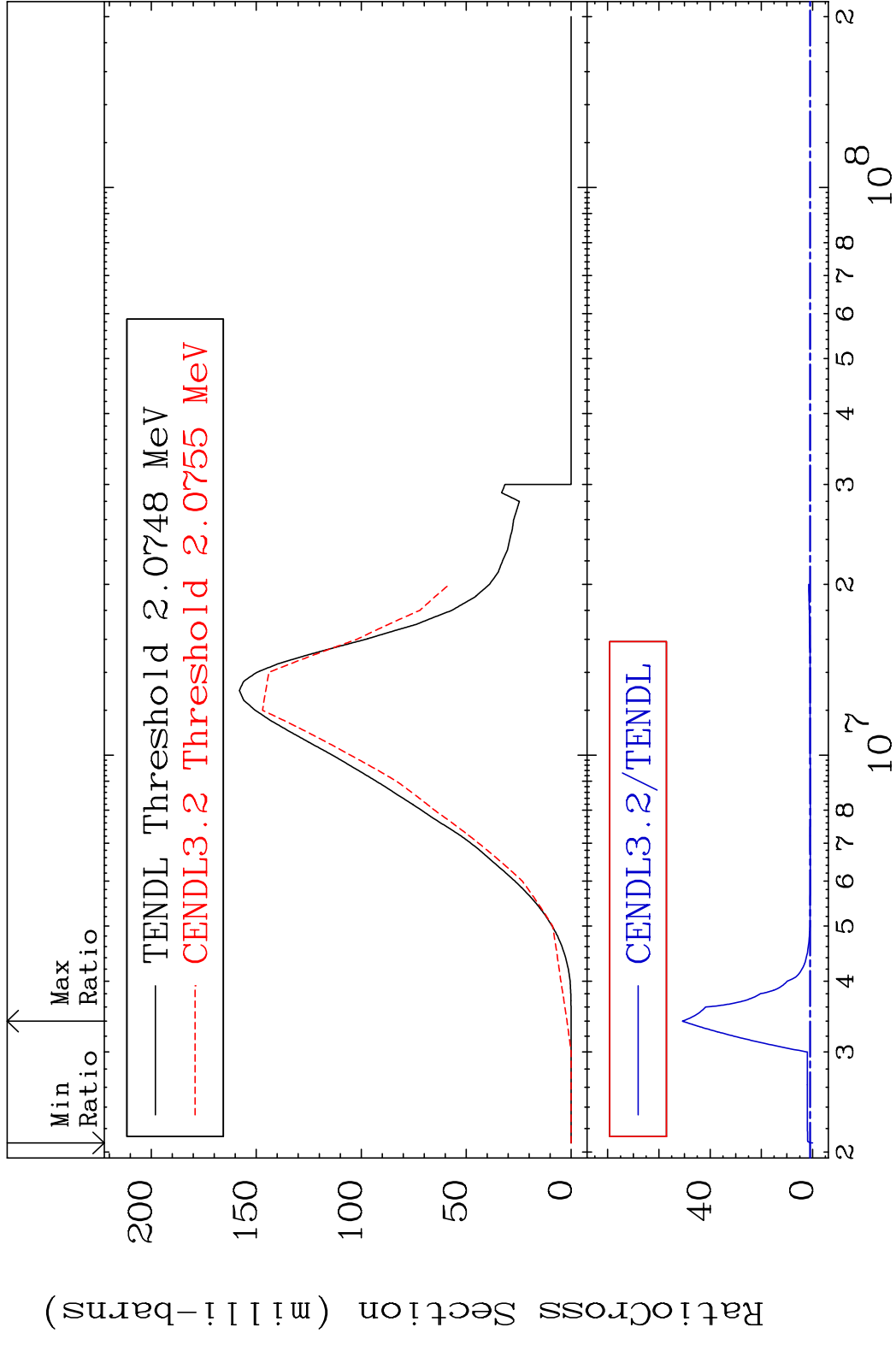


28

Incident Energy (eV)

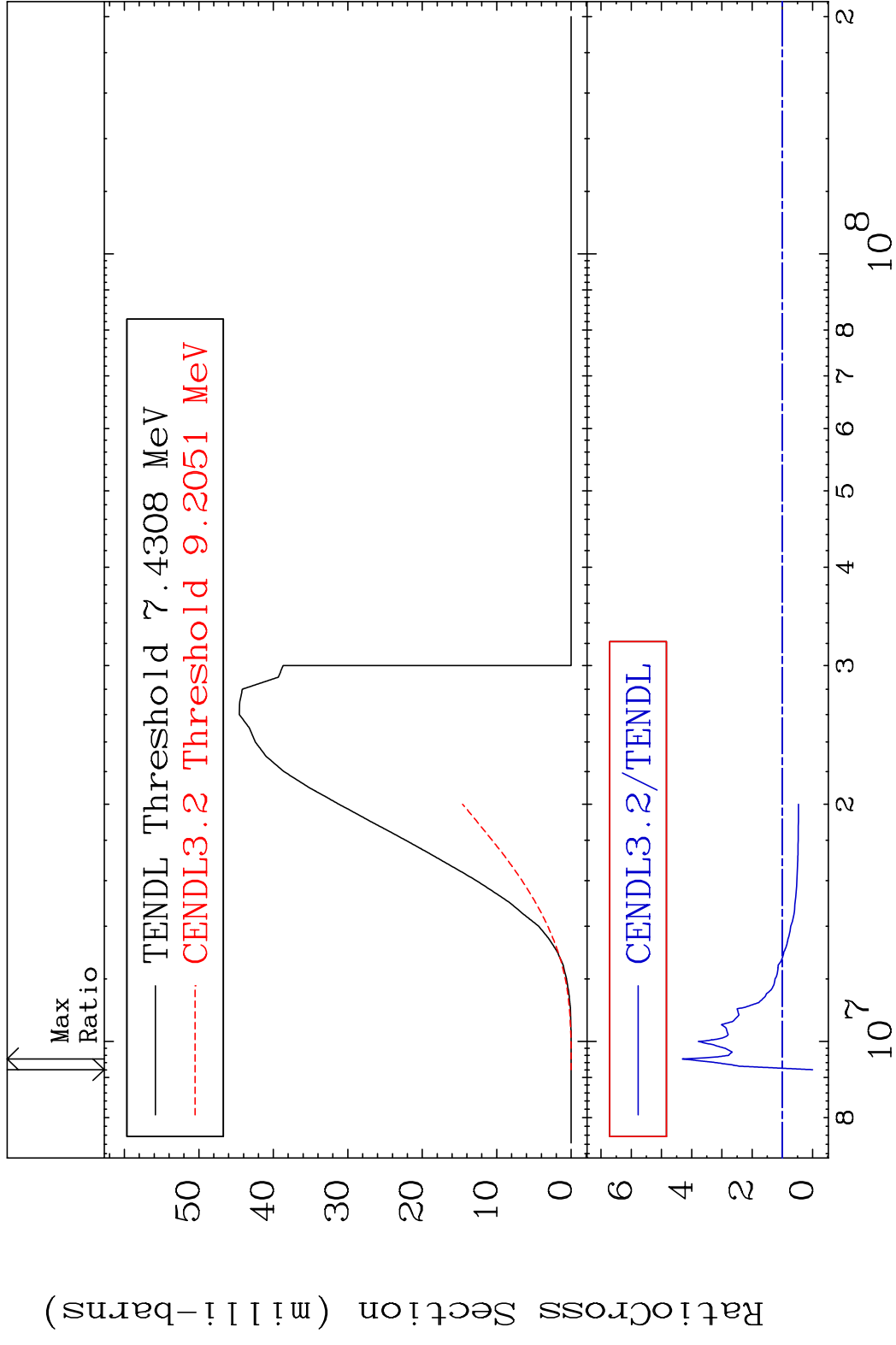
28-Ni-60

MAT 2831 (n,p) 28-Ni-60  
 Cross Section -100.0 To 4984. %



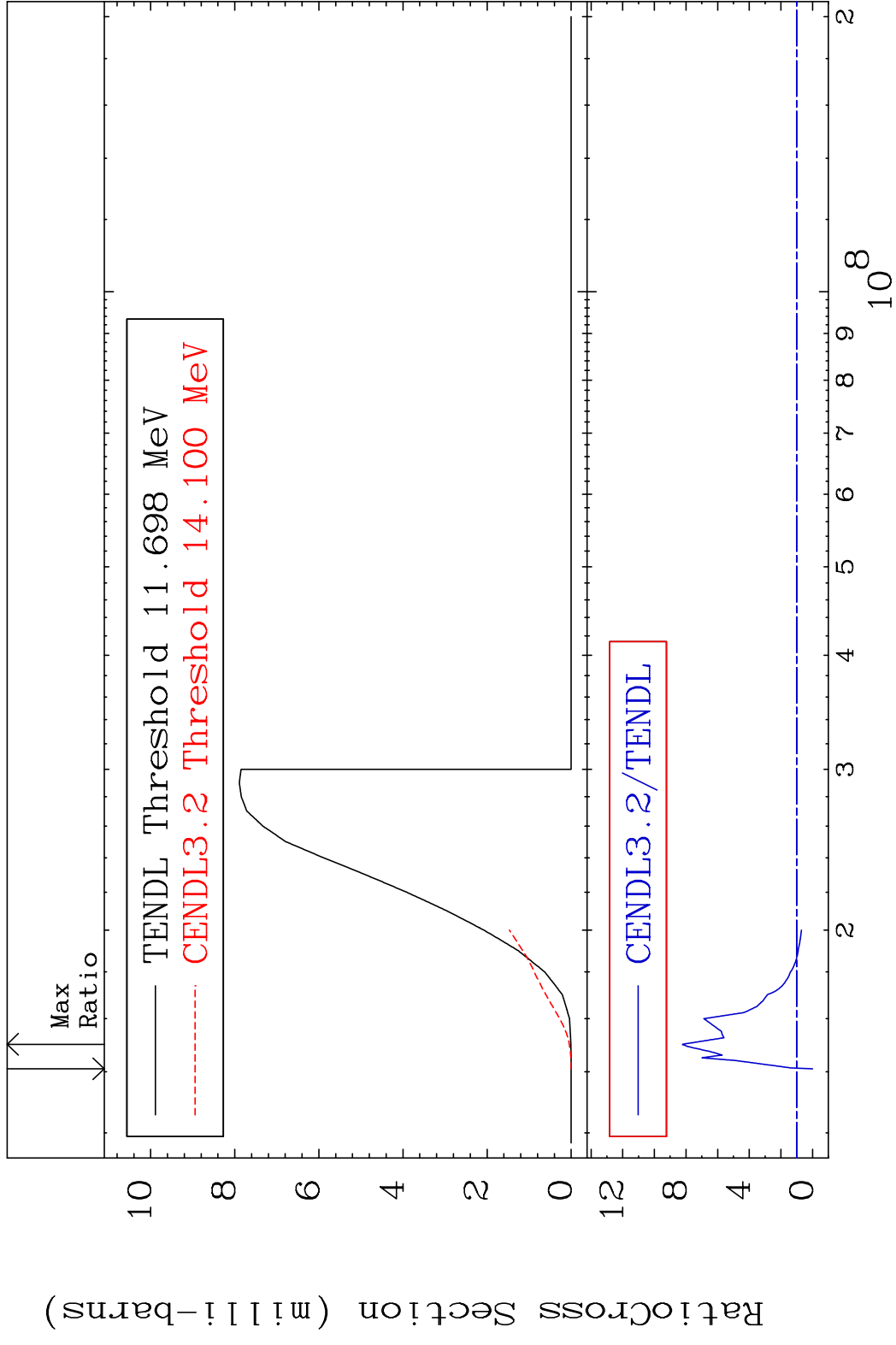
29 28-Ni-60

MAT 2831 (n,d) 28-Ni-60  
 Cross Section -100.0 To 331.0 %



30 28-Ni-60

MAT 2831 (n, t) 28-Ni-60  
 Cross Section -100.0 To 723.0 %

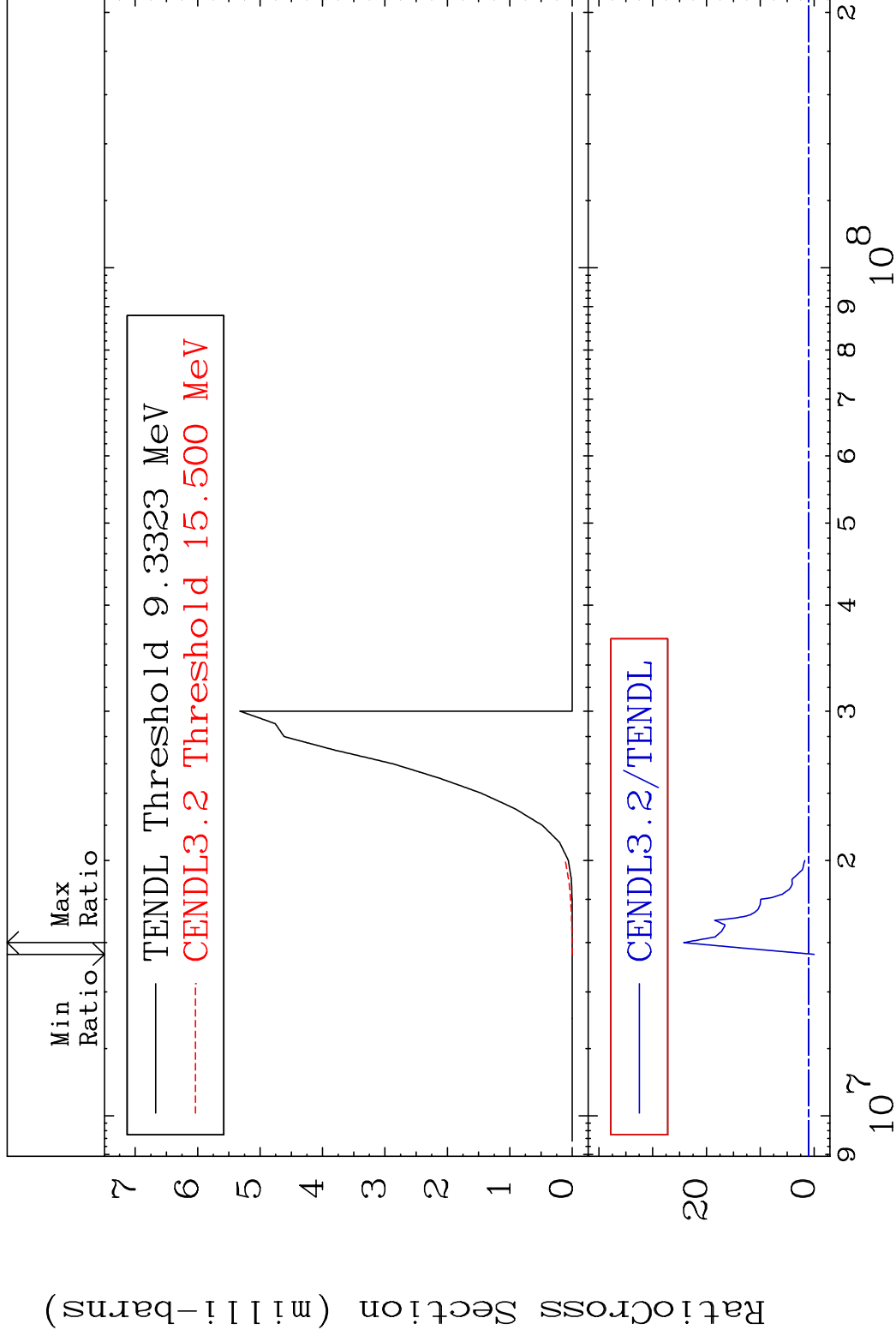


MAT 2831

(n, He-3)

28-Ni-60

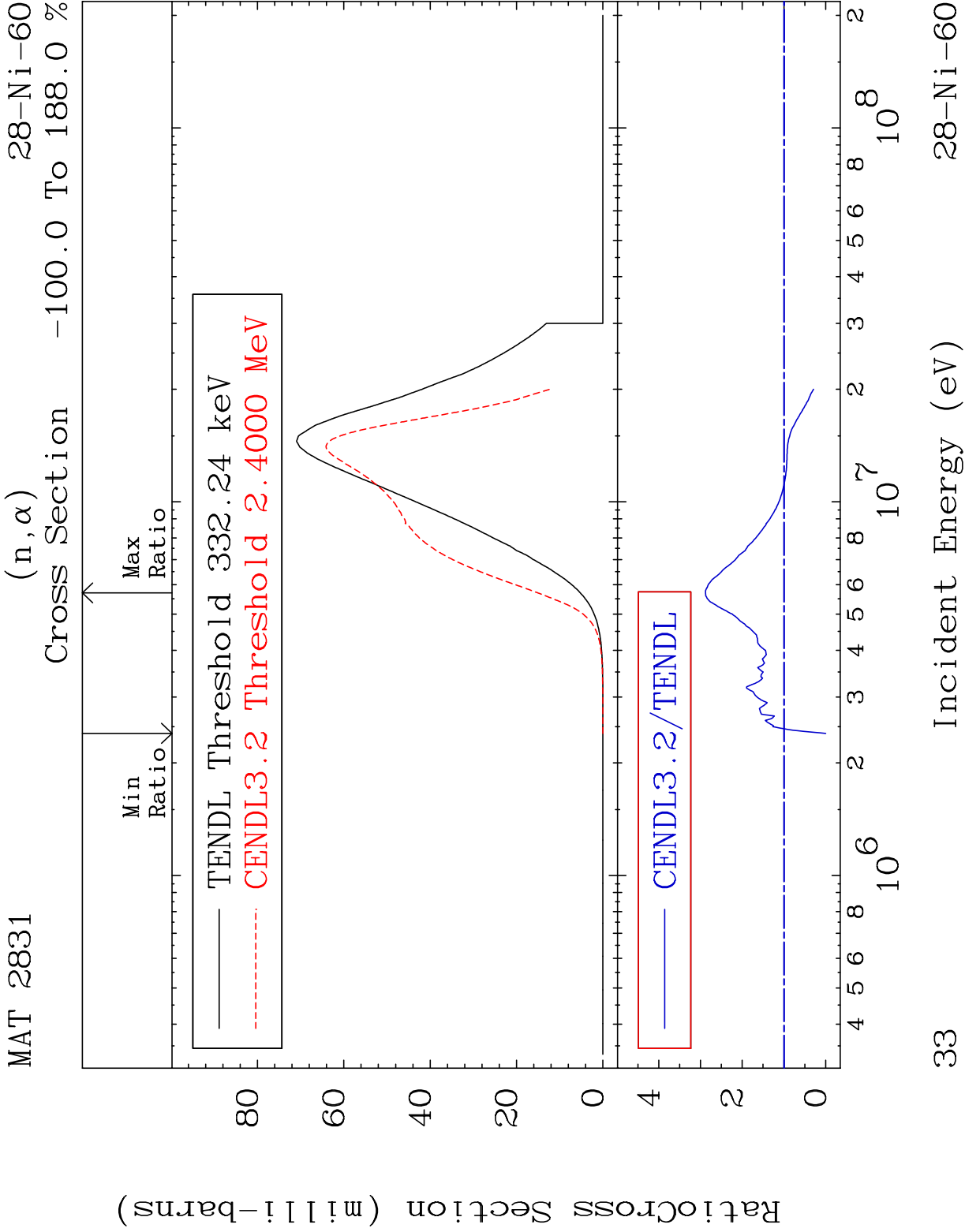
Cross Section -100.0 To 2325. %



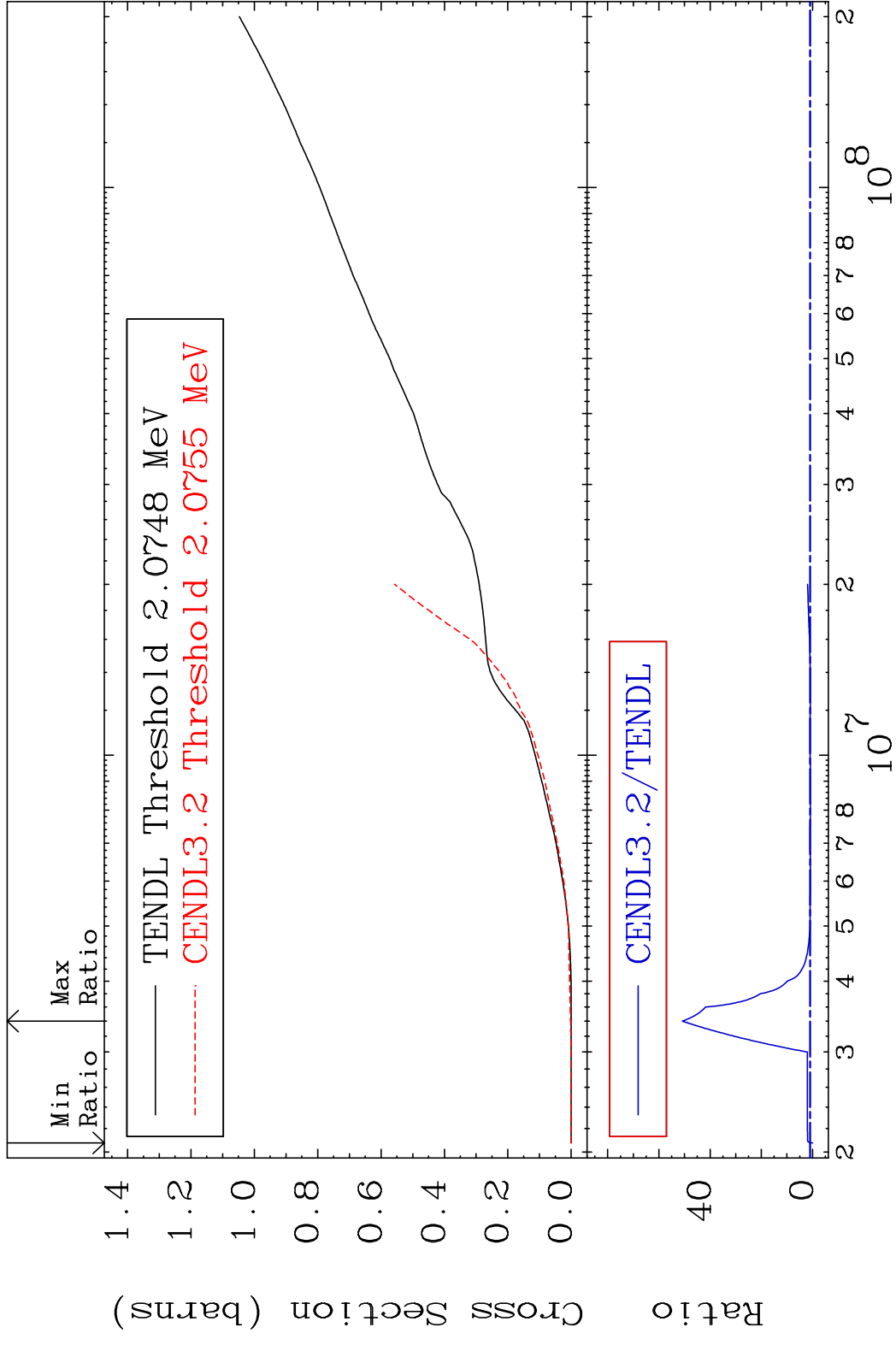
32

Incident Energy (eV)

28-Ni-60

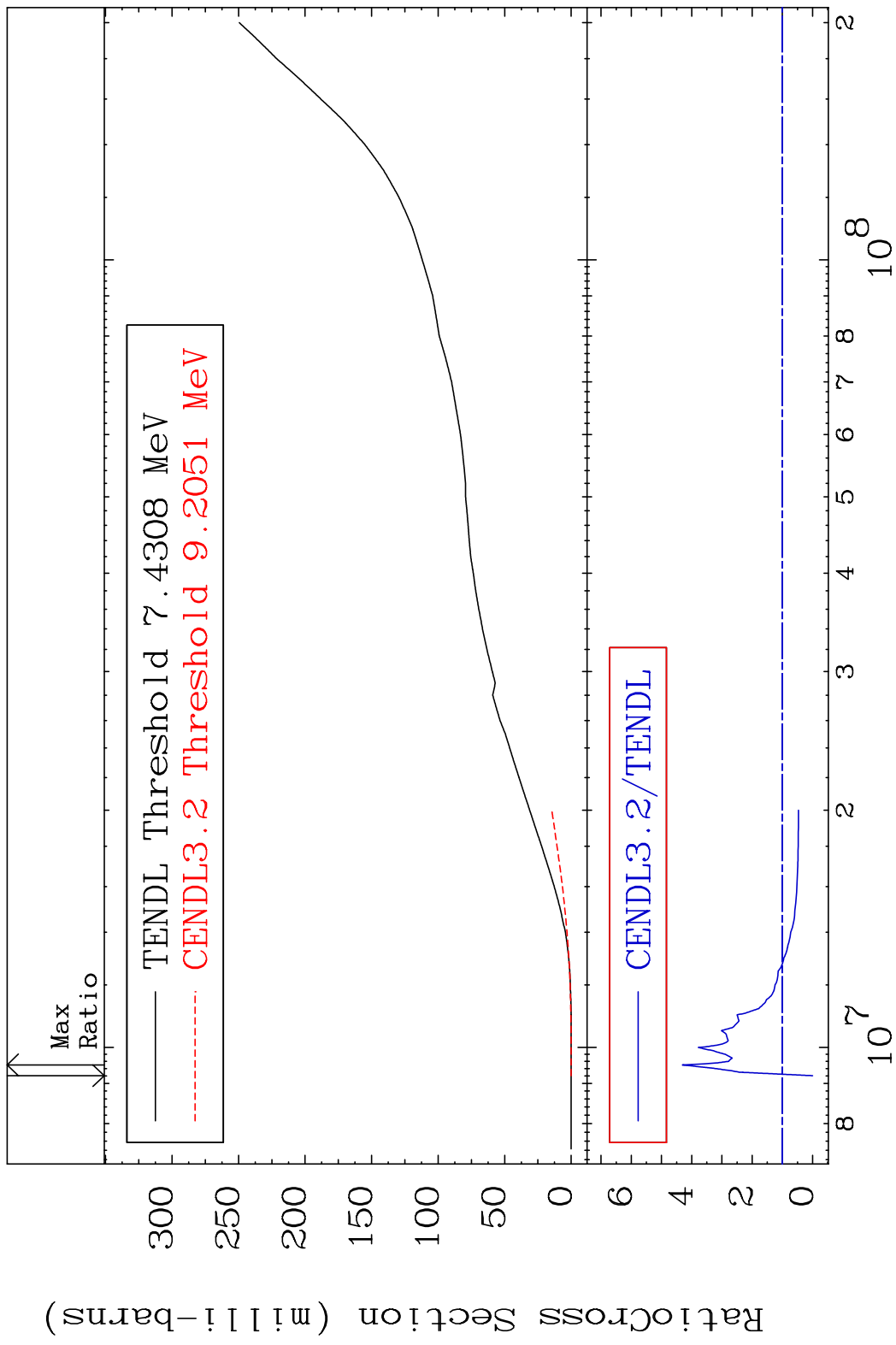


MAT 2831 Hydrogen Production 28-Ni-60  
 Cross Section -100.0 To 4984. %



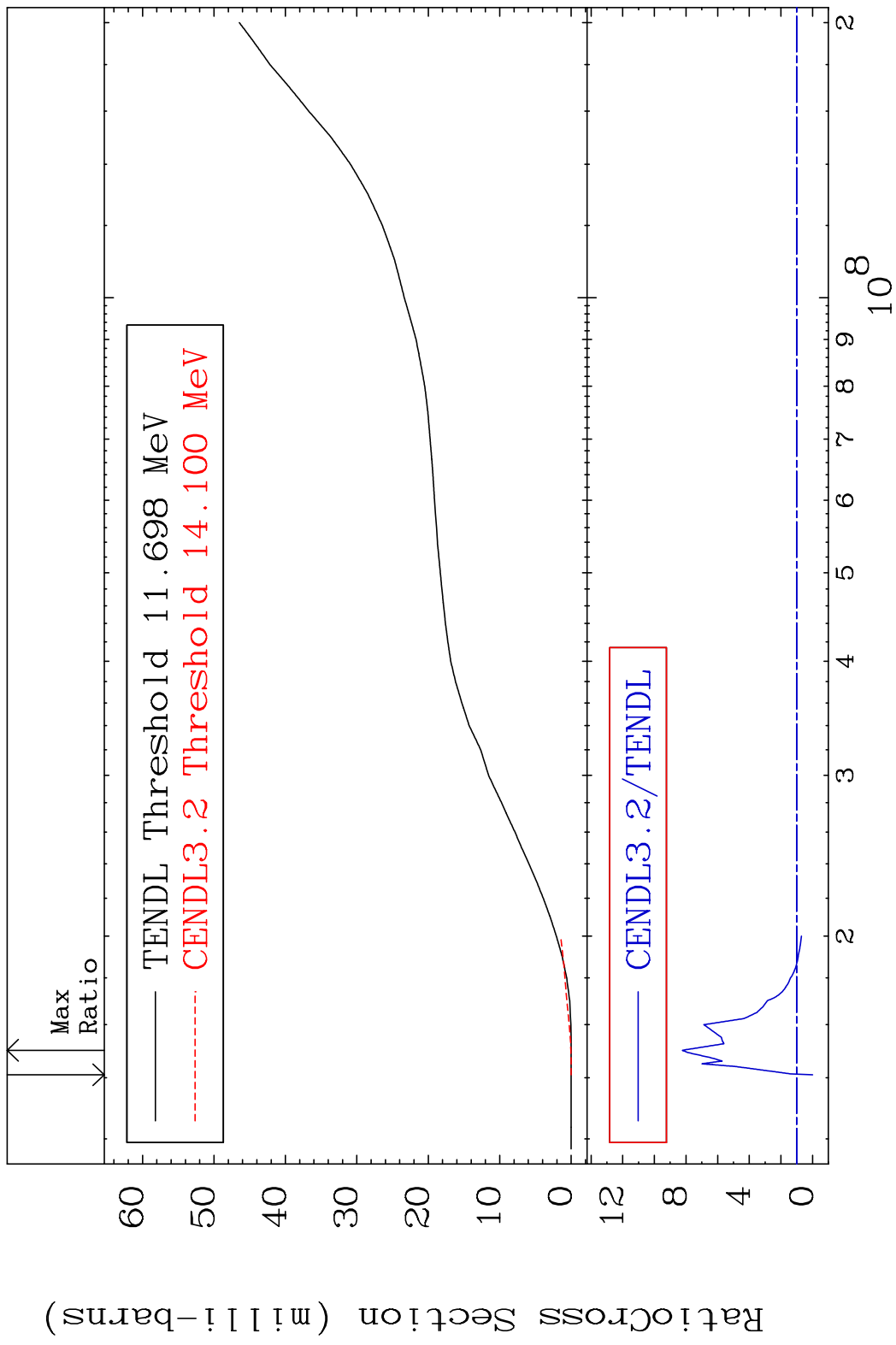
34 Incident Energy (eV) 28-Ni-60

MAT 2831 Deuterium Production <sup>28</sup>Ni-60  
 Cross Section -100.0 To 331.0 %



35 <sup>28</sup>Ni-60

MAT 2831 Tritium Production 28-Ni-60  
 Cross Section -100.0 To 723.0 %



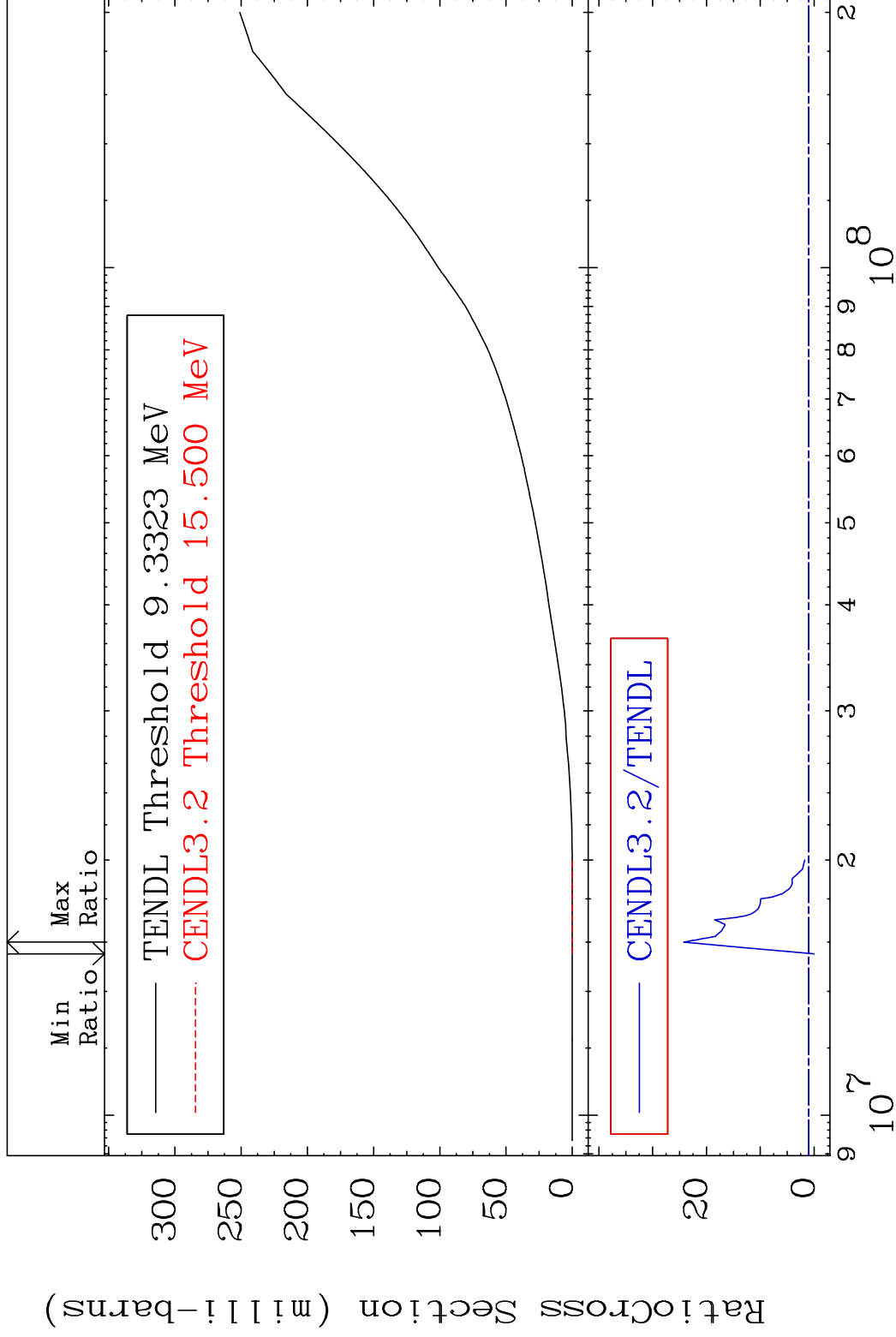
36 Incident Energy (eV) 28-Ni-60

MAT 2831

He-3 Production

<sup>28</sup>Ni-60

Cross Section -100.0 To 2325. %

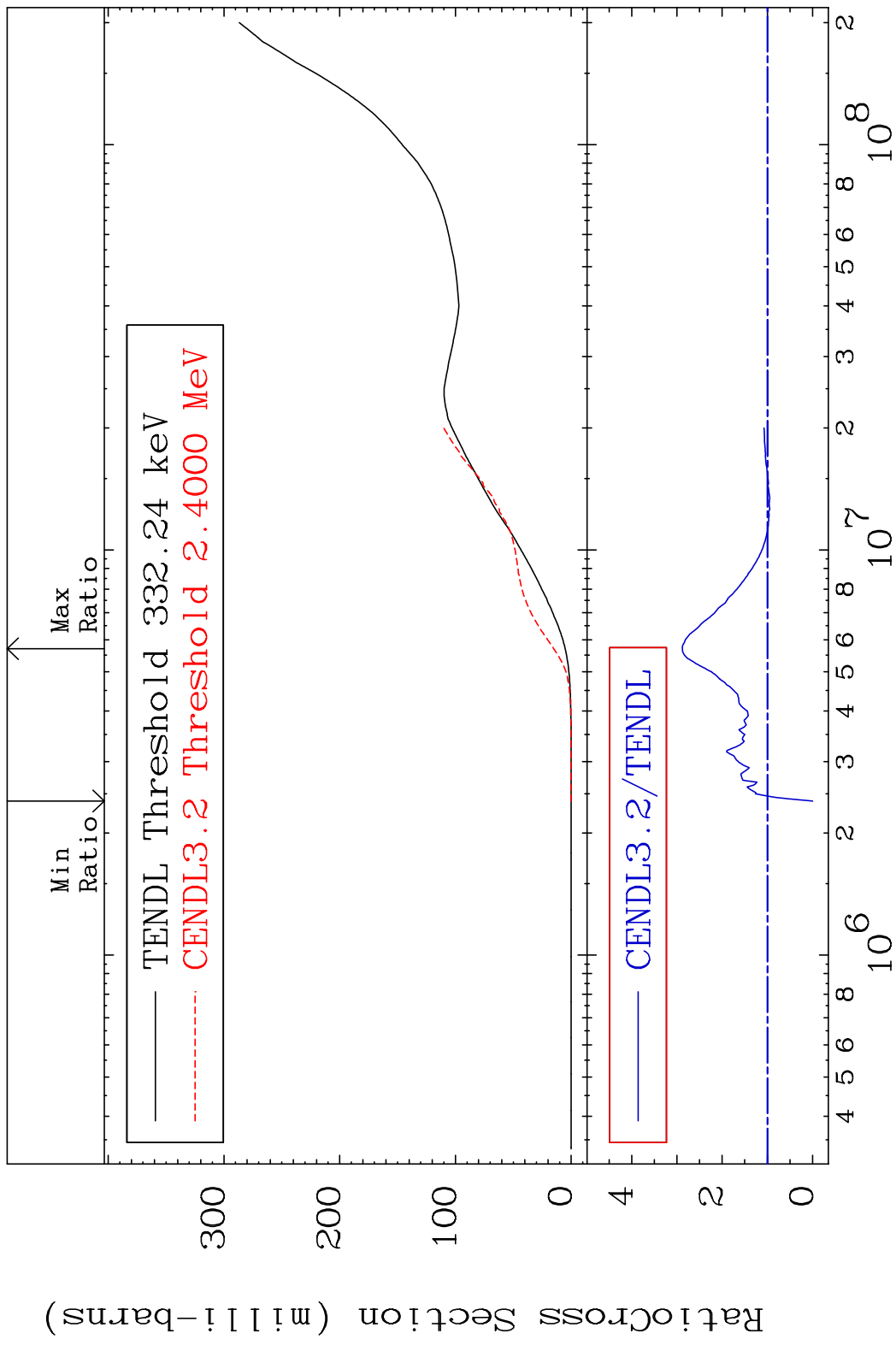


37

Incident Energy (eV)

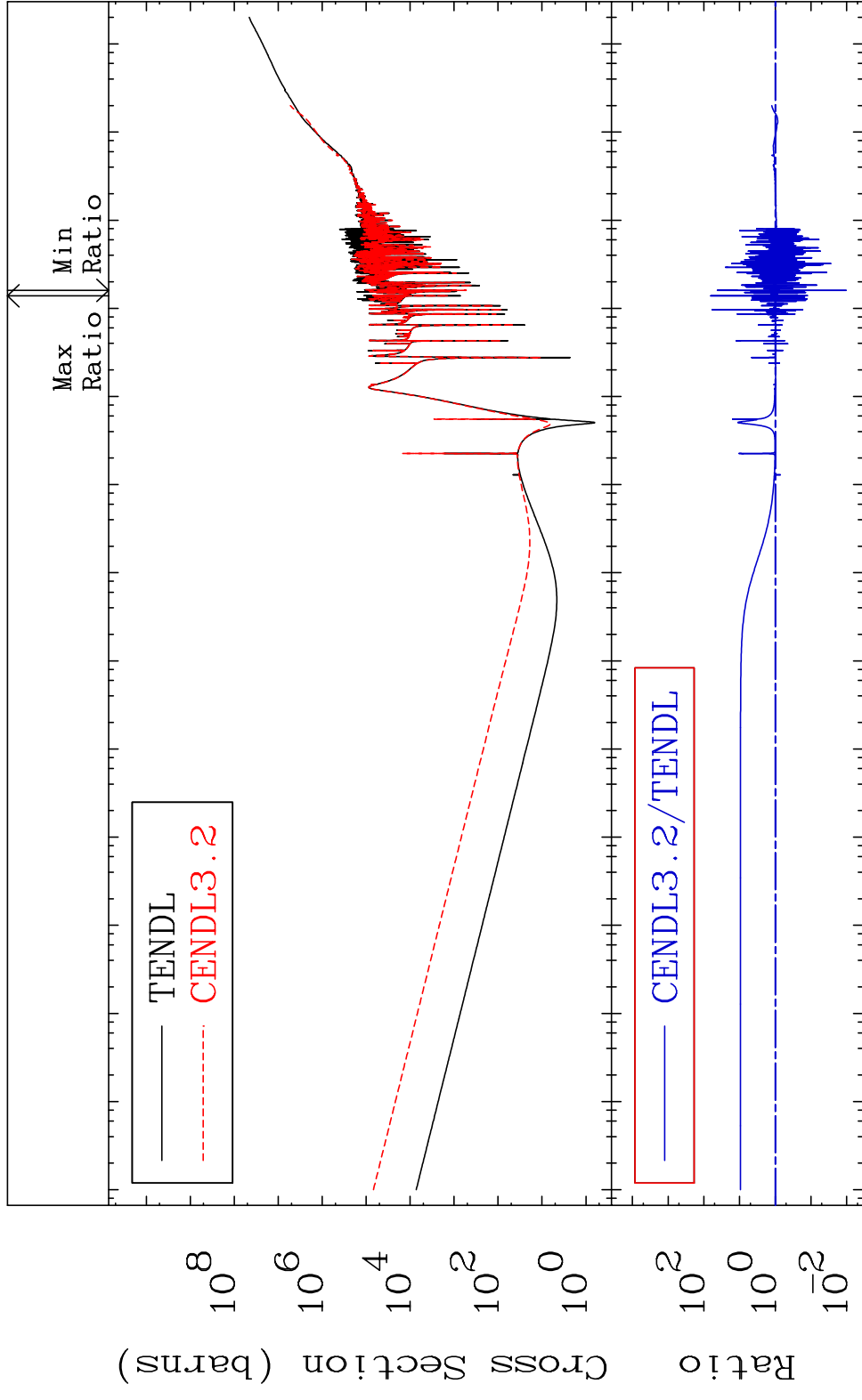
<sup>28</sup>Ni-60

MAT 2831 He-4 Production 28-Ni-60  
 Cross Section -100.0 To 188.0 %



38 Incident Energy (eV) 28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60  
 Cross Section -98.98 To 6325. %

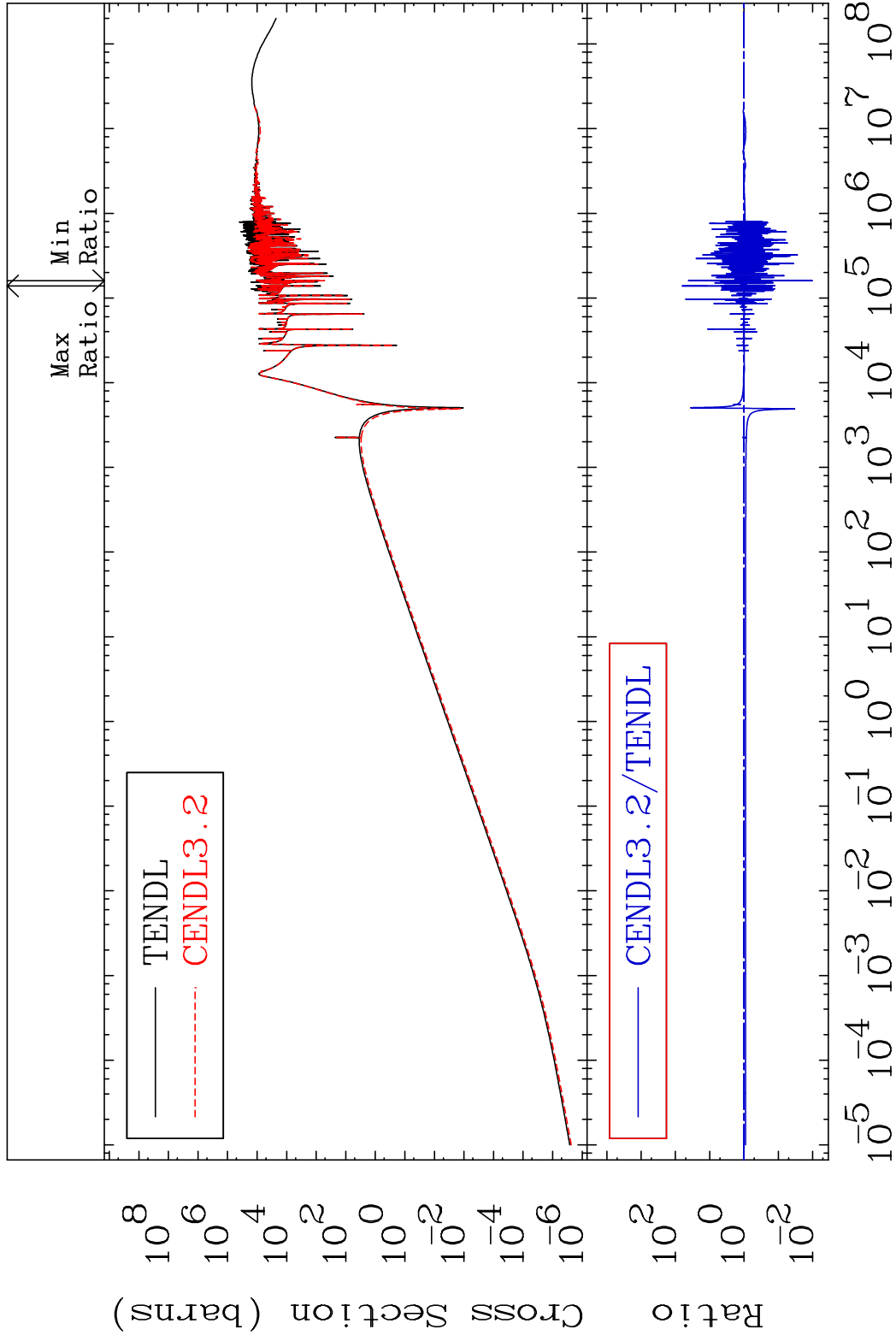


39 Incident Energy (eV) 28-Ni-60

MAT 2831

Kerma elastic  
Cross Section

28-Ni-60  
-99.00 To 6175. %

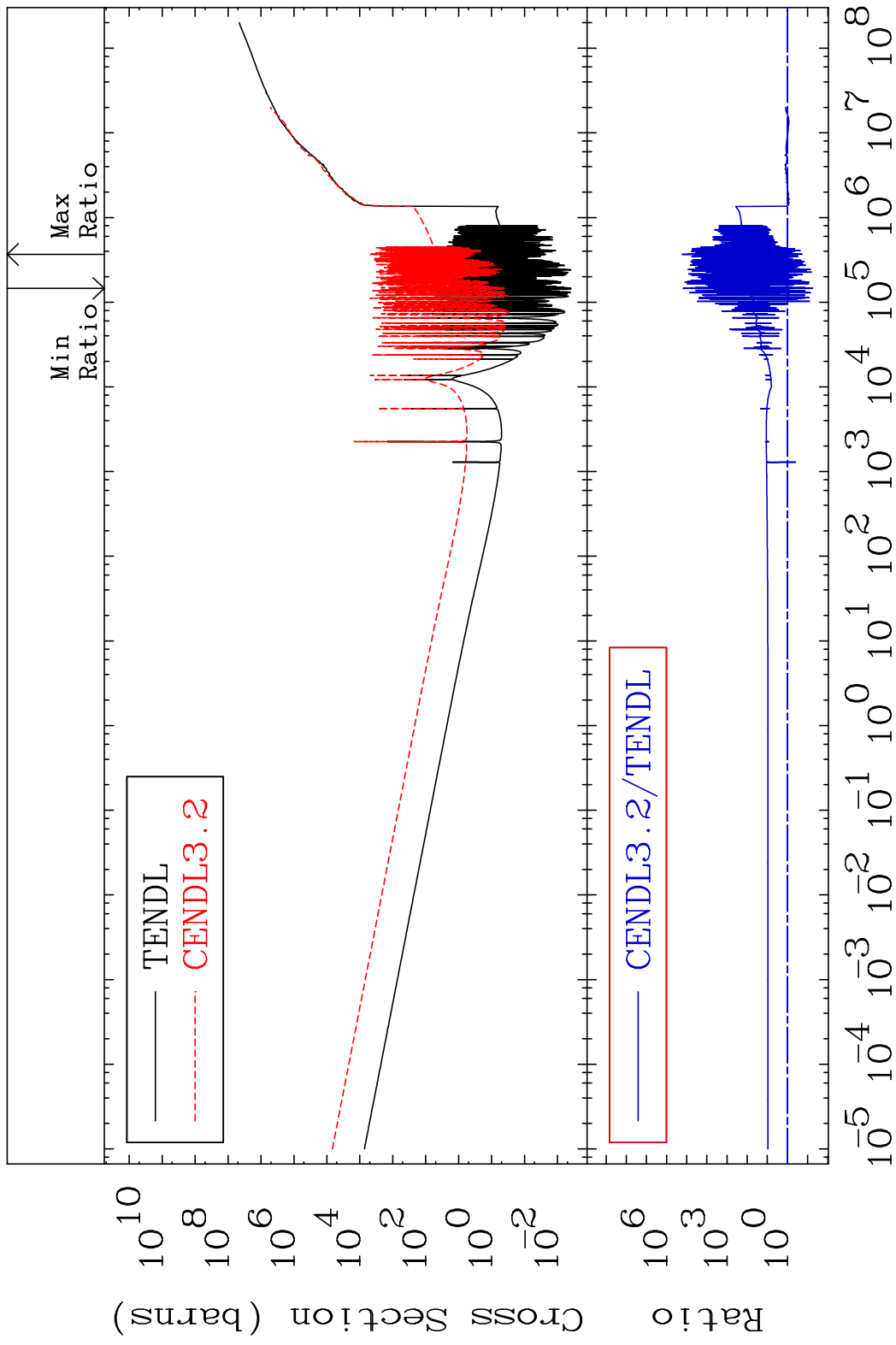


40

Incident Energy (eV)

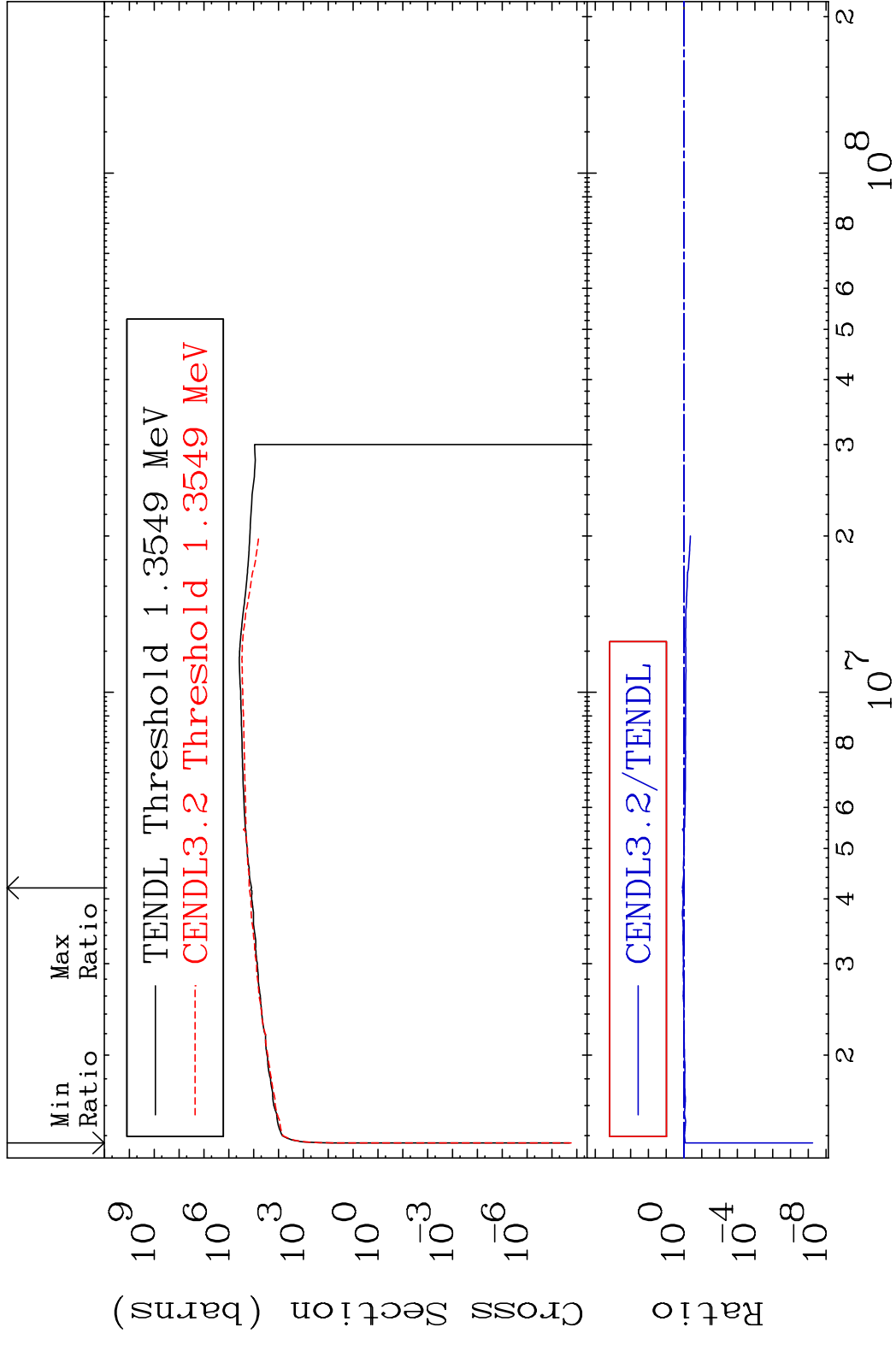
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60  
 Cross Section -94.30 To 9999. %

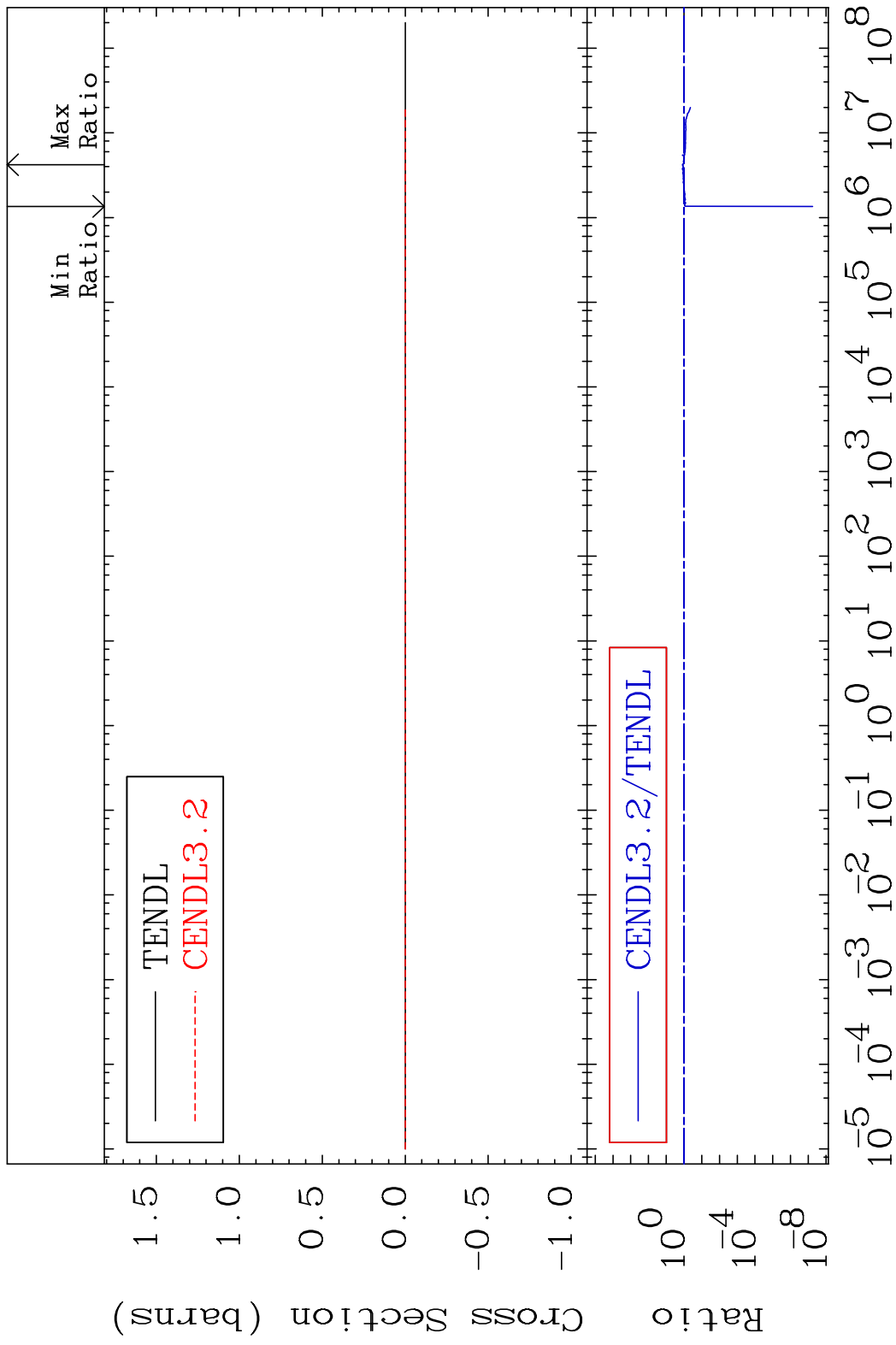


41 Incident Energy (eV) 28-Ni-60

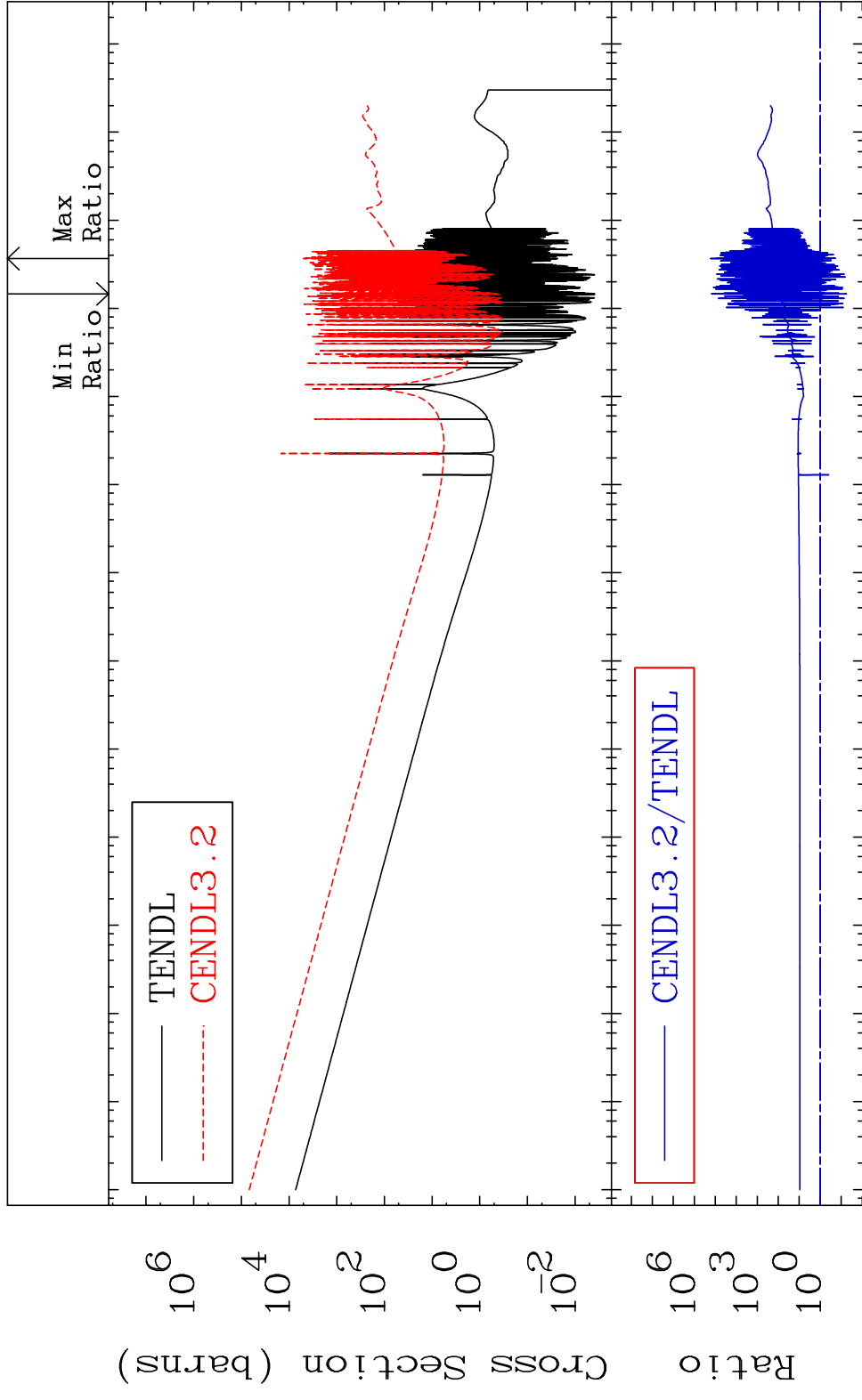
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60  
 Cross Section -100.0 To 23.73 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60  
 Cross Section -100.0 To 23.73 %

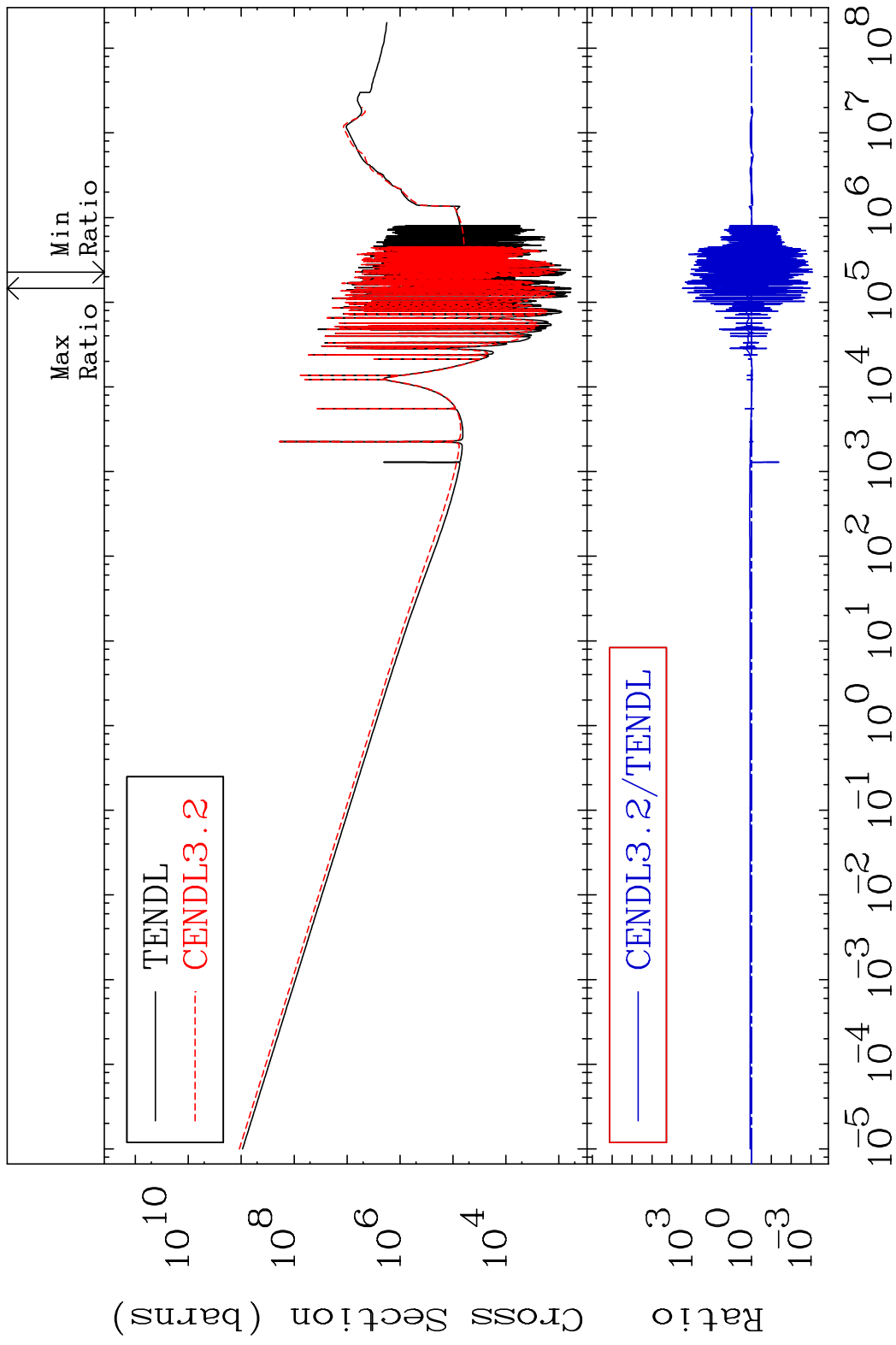


MAT 2831 Kerma capture (mt102) 28-Ni-60  
 Cross Section -94.30 To 9999. %



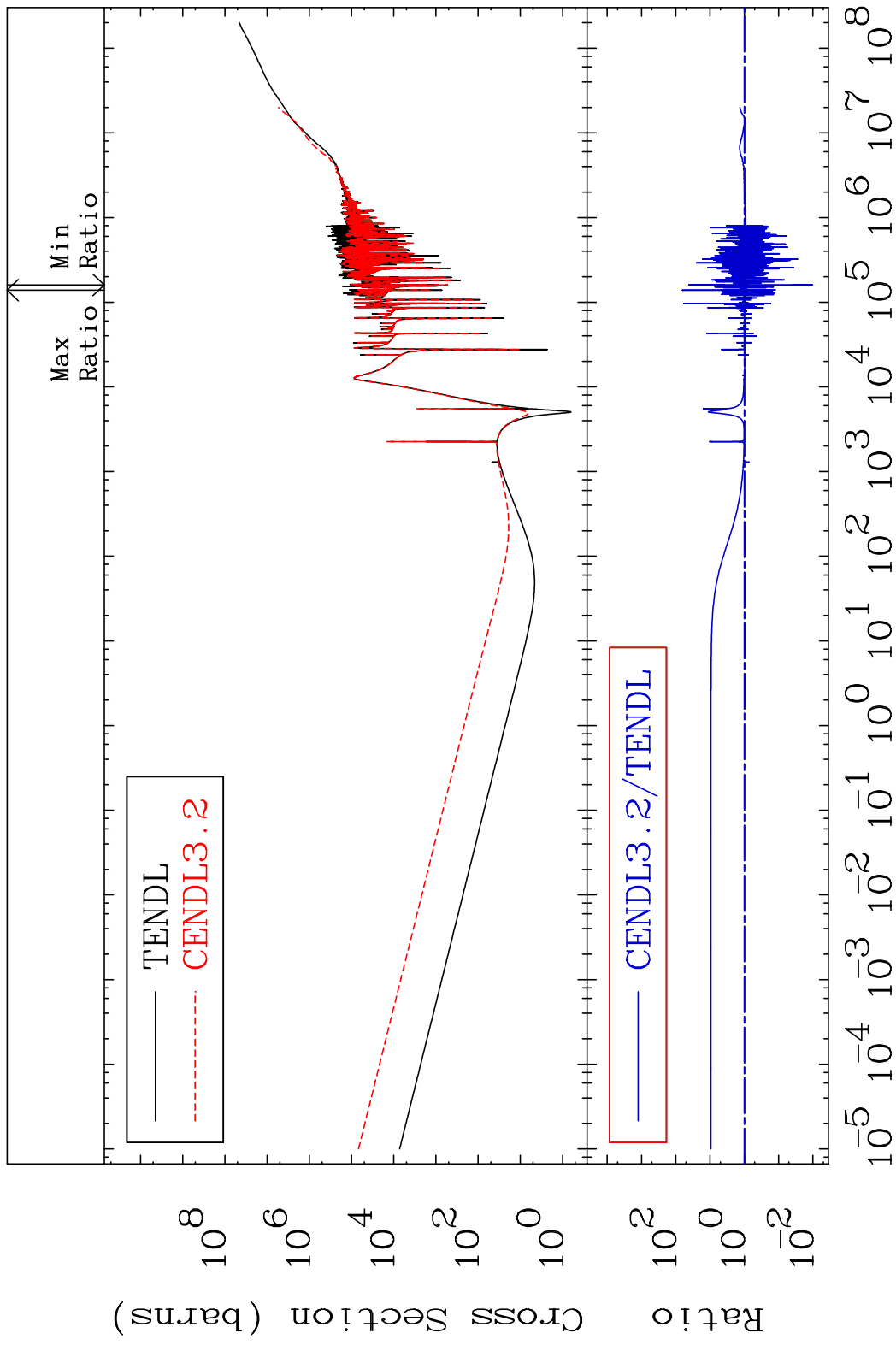
44 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60  
 Cross Section -99.92 To 9999. %

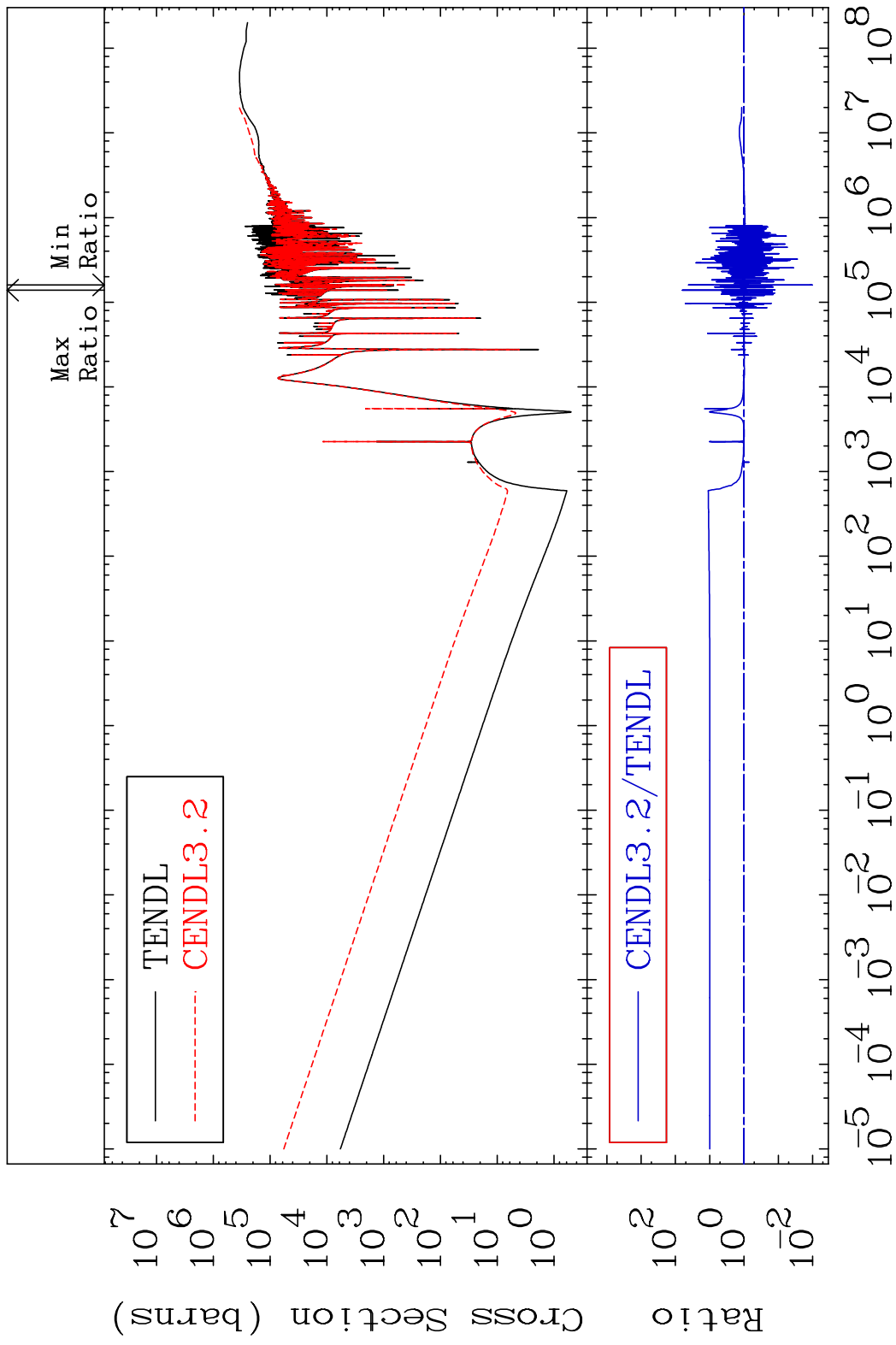


45 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60  
 Cross Section -98.98 To 6325. %



MAT 2831      Dpa total (eV-barns)      28-Ni-60  
 Cross Section      -99.00 To 6171. %



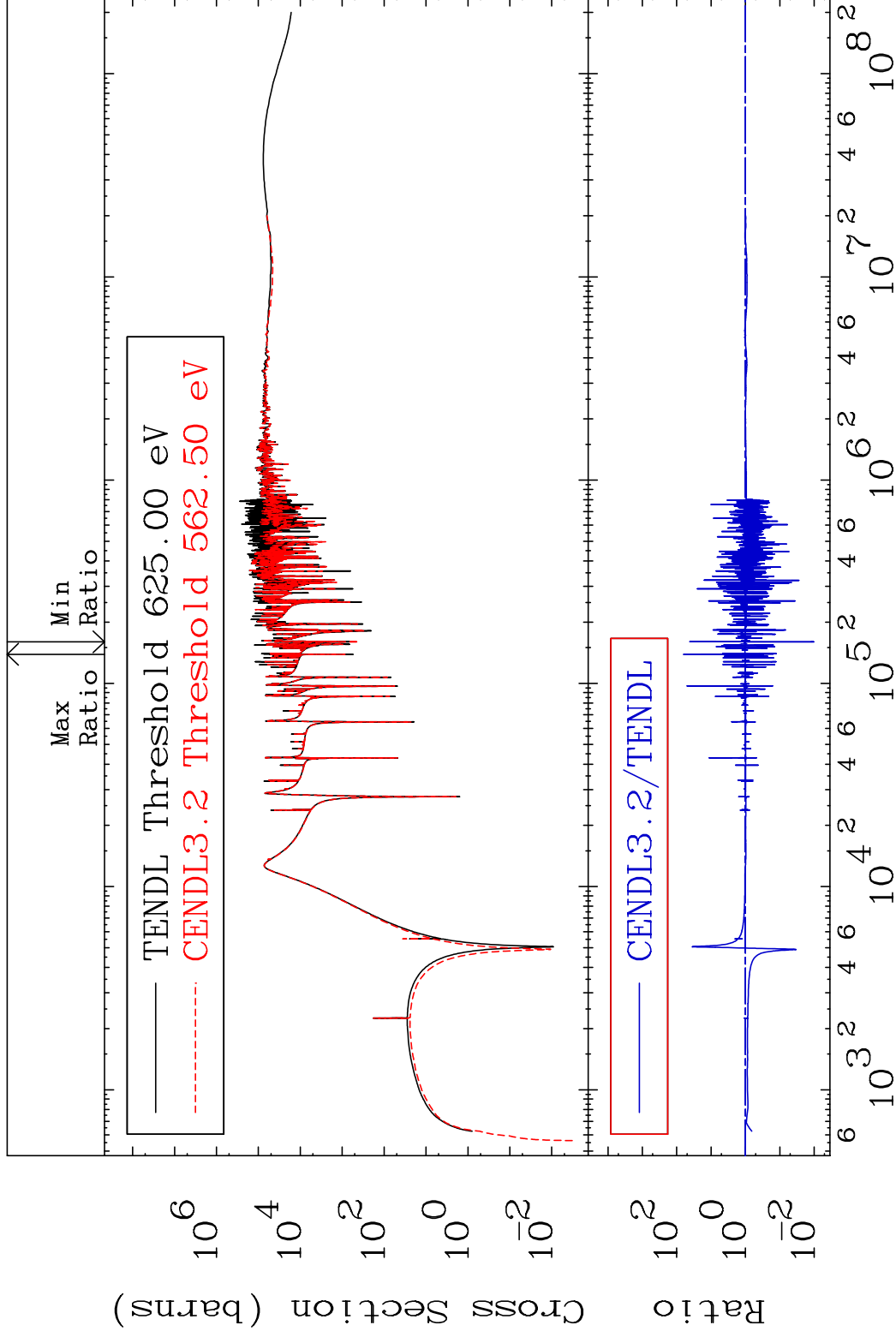
47      Incident Energy (eV)      28-Ni-60

MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -99.00 To 6179. %

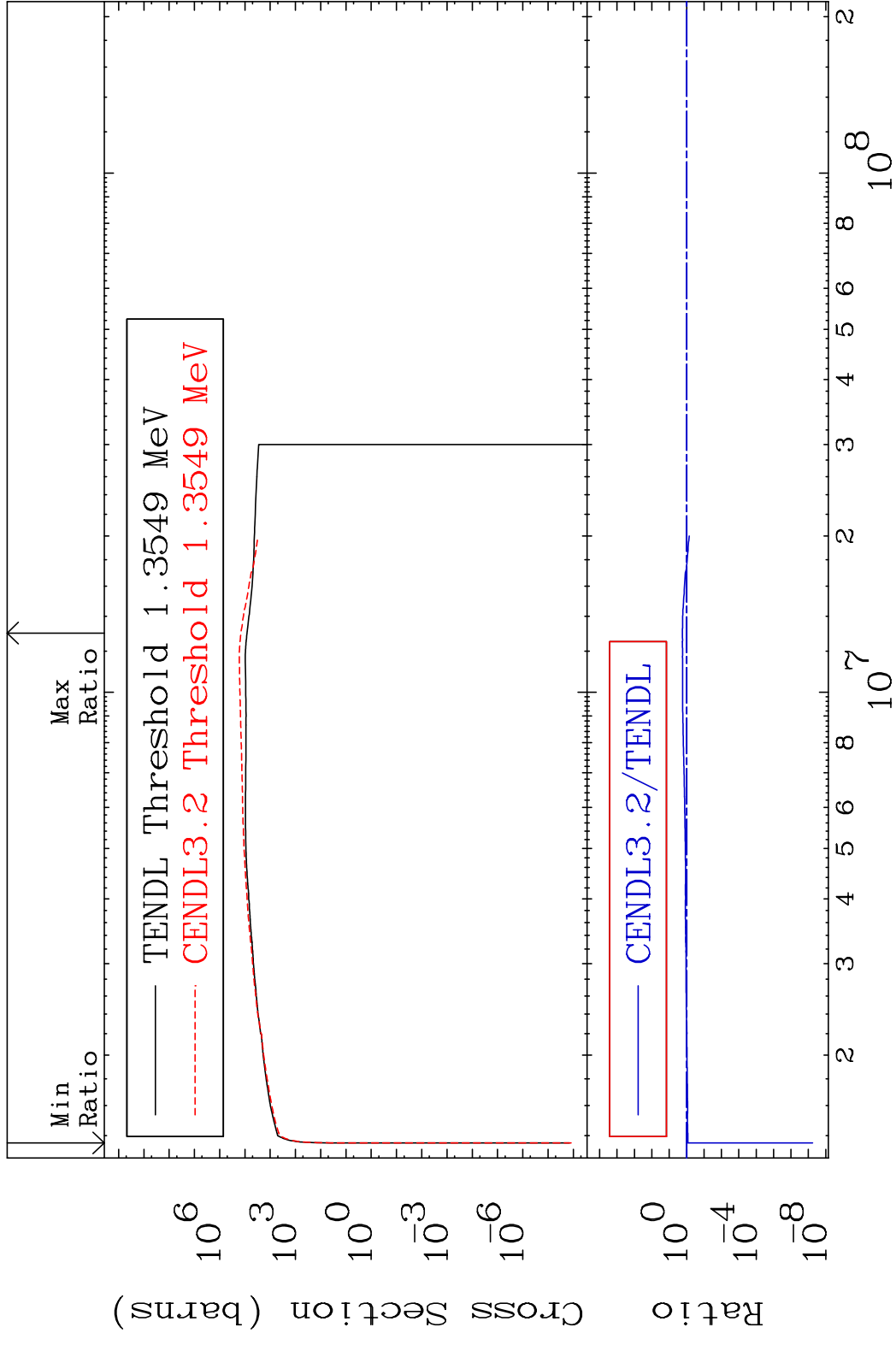


48

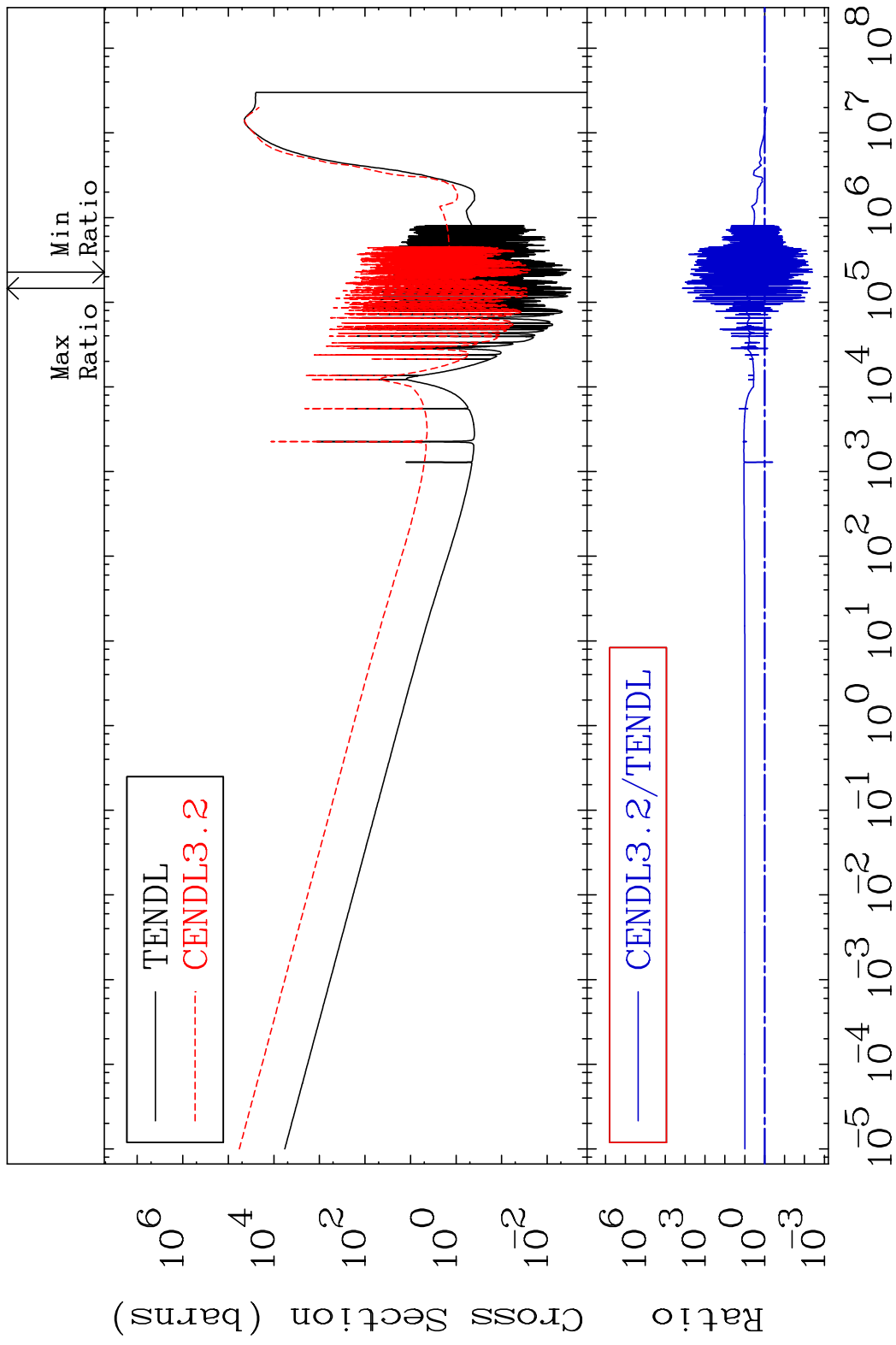
Incident Energy (eV)

28-Ni-60

MAT 2831      Dpa inelastic (mt51-91)      <sup>28</sup>Ni-60  
 Cross Section      -100.0 To 75.65 %

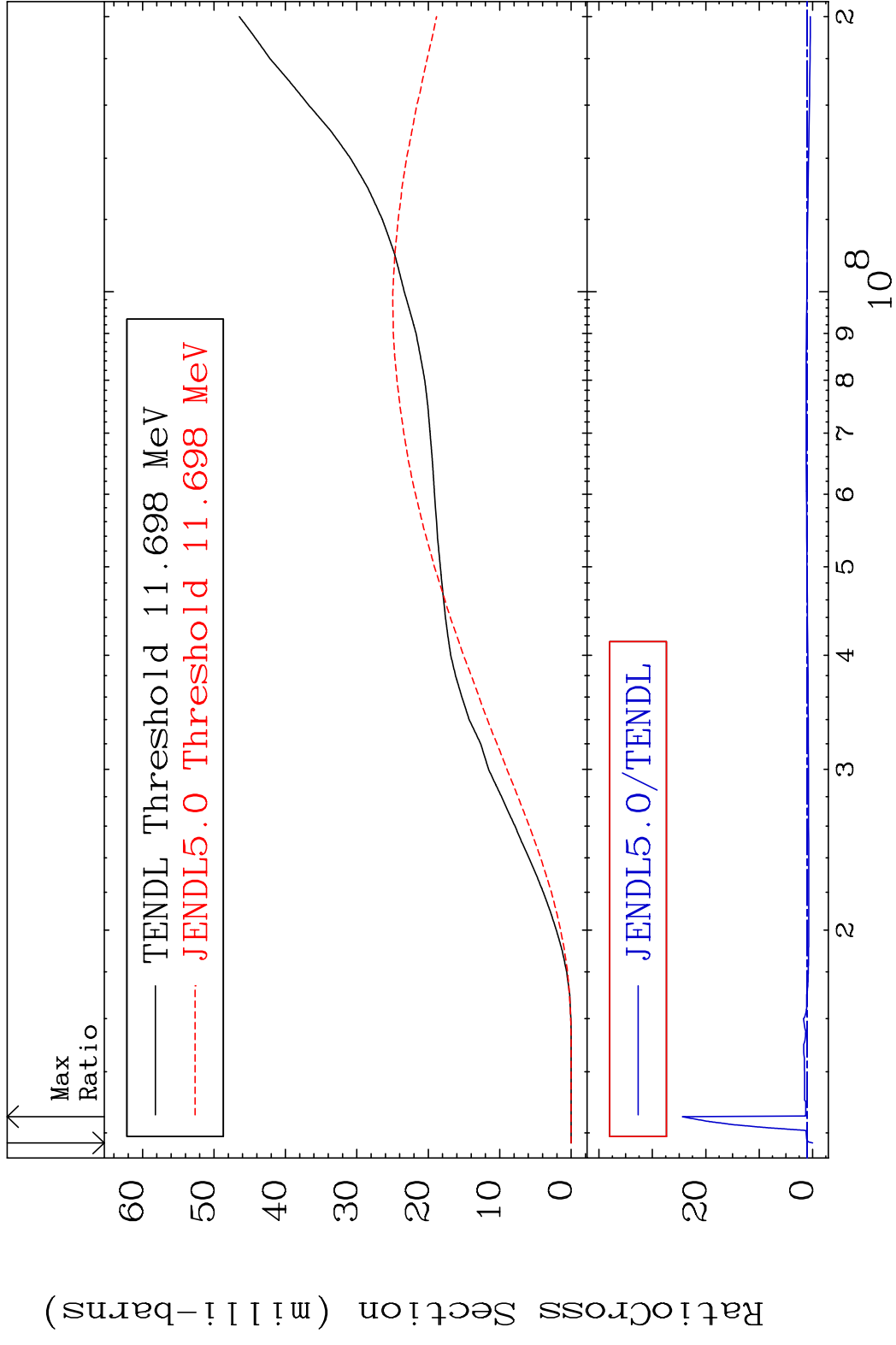


MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60  
 Cross Section -99.61 To 9999. %

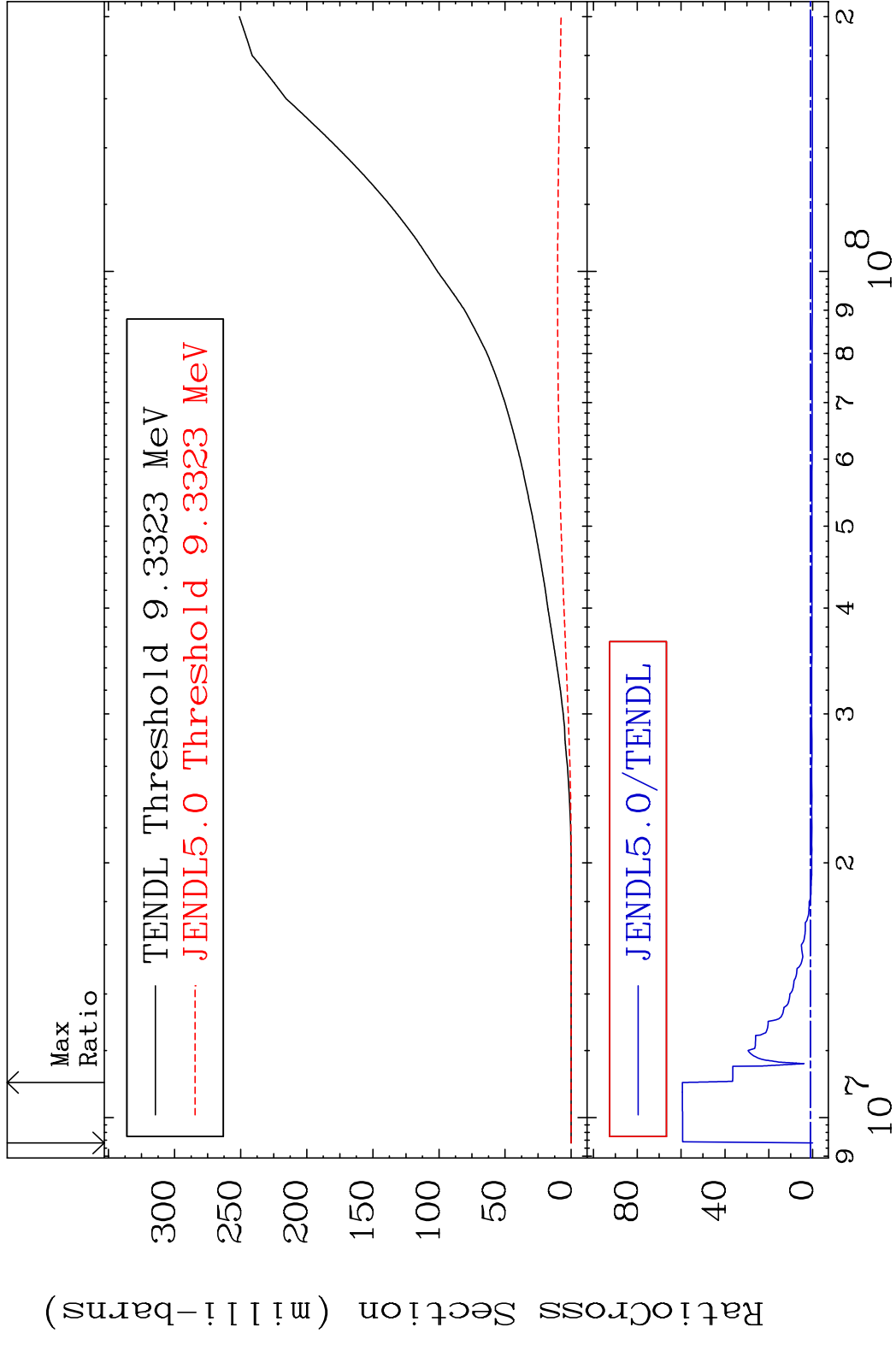


50 Incident Energy (eV) 28-Ni-60

MAT 2831 Tritium Production 28-Ni-60  
 Cross Section -100.0 To 2339. %



MAT 2831 He-3 Production 28-Ni-60  
 Cross Section -100.0 To 5843. %



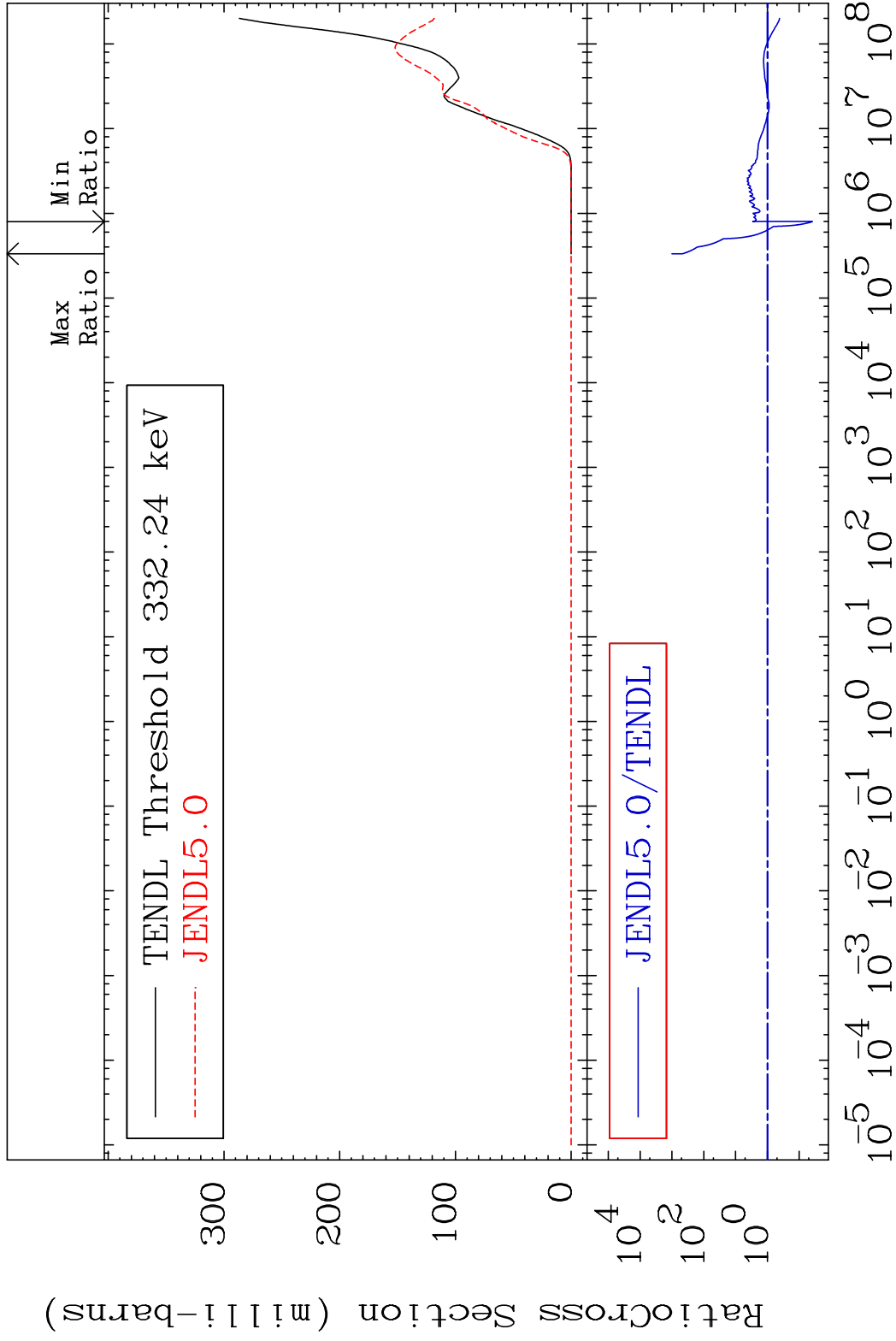
52 Incident Energy (eV) 28-Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -96.19 To 9999. %

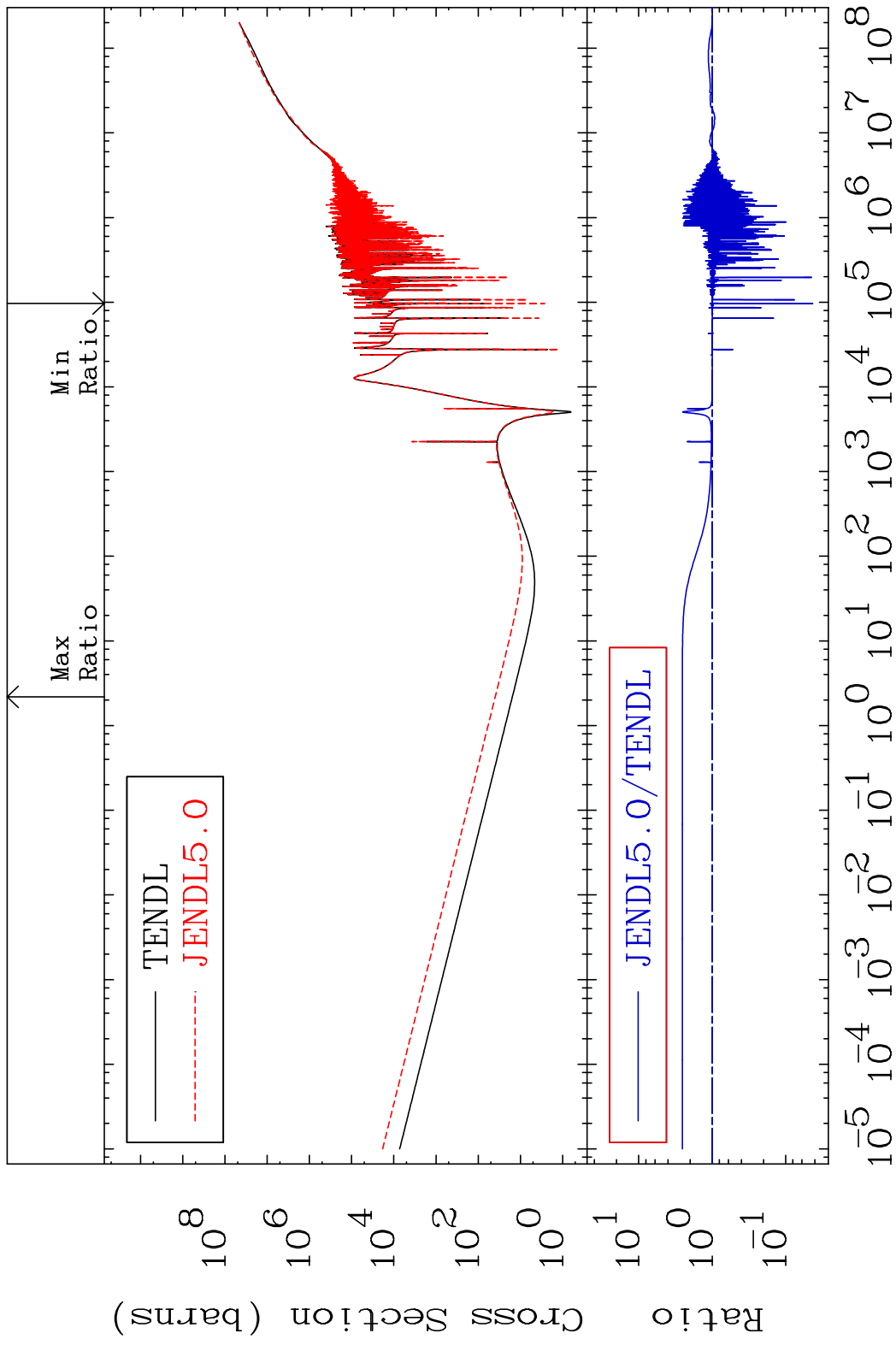


53

Incident Energy (eV)

28-Ni-60

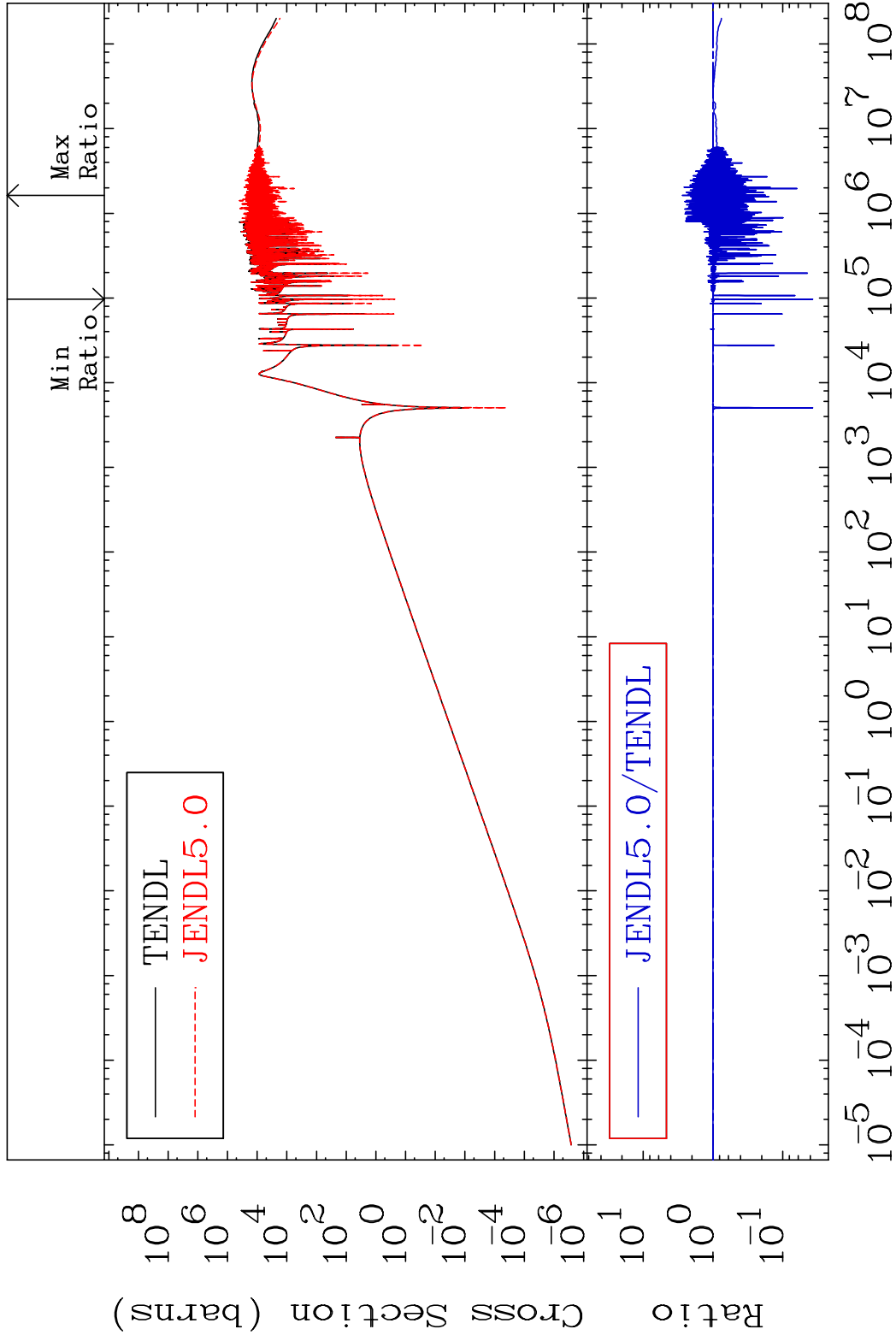
MAT 2831 Kerma total (eV-barns) 28-Ni-60  
 Cross Section -95.69 To 154.6 %



MAT 2831

Kerma elastic  
Cross Section

28-Ni-60  
-96.27 To 173.7 %

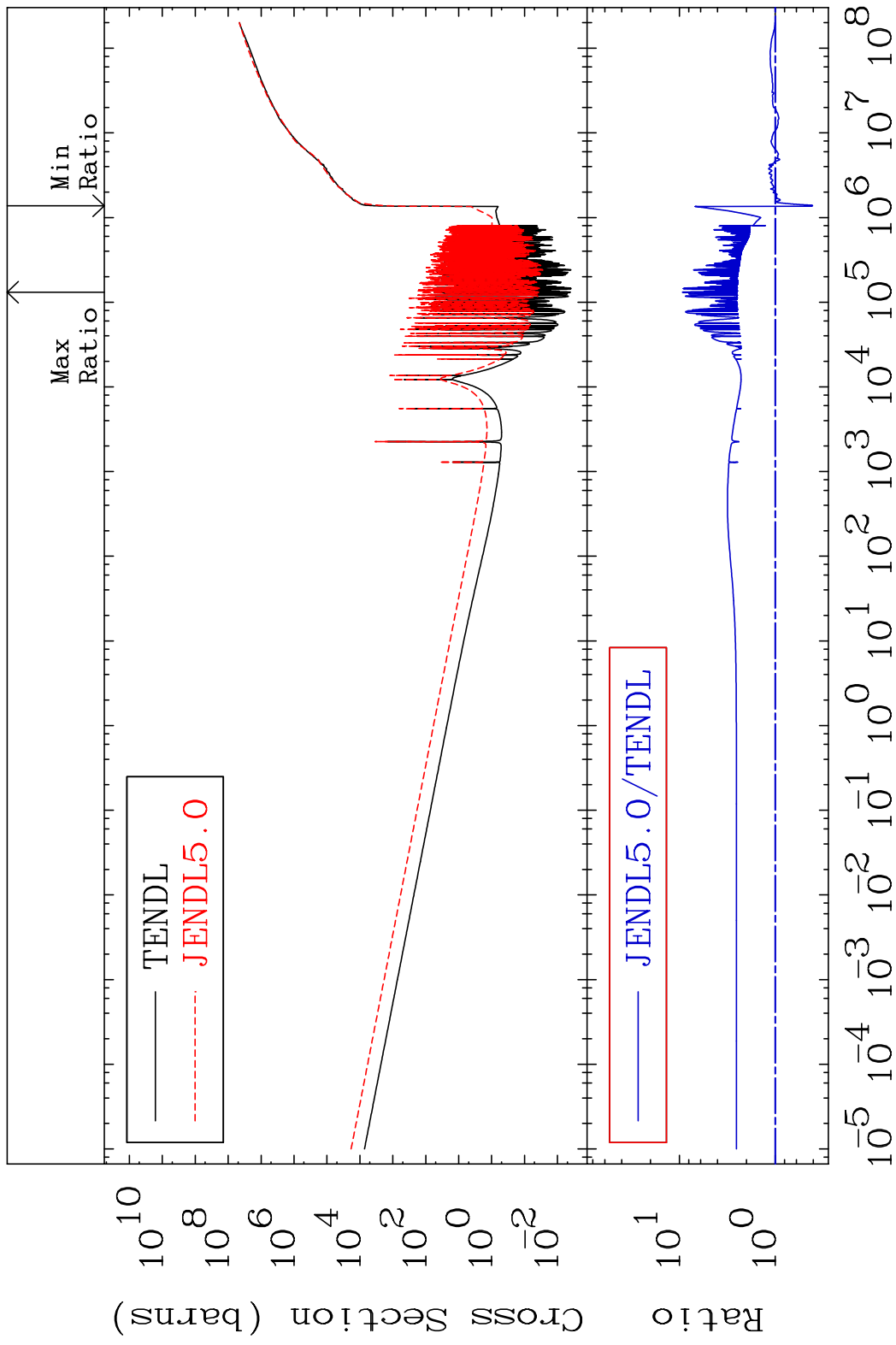


55

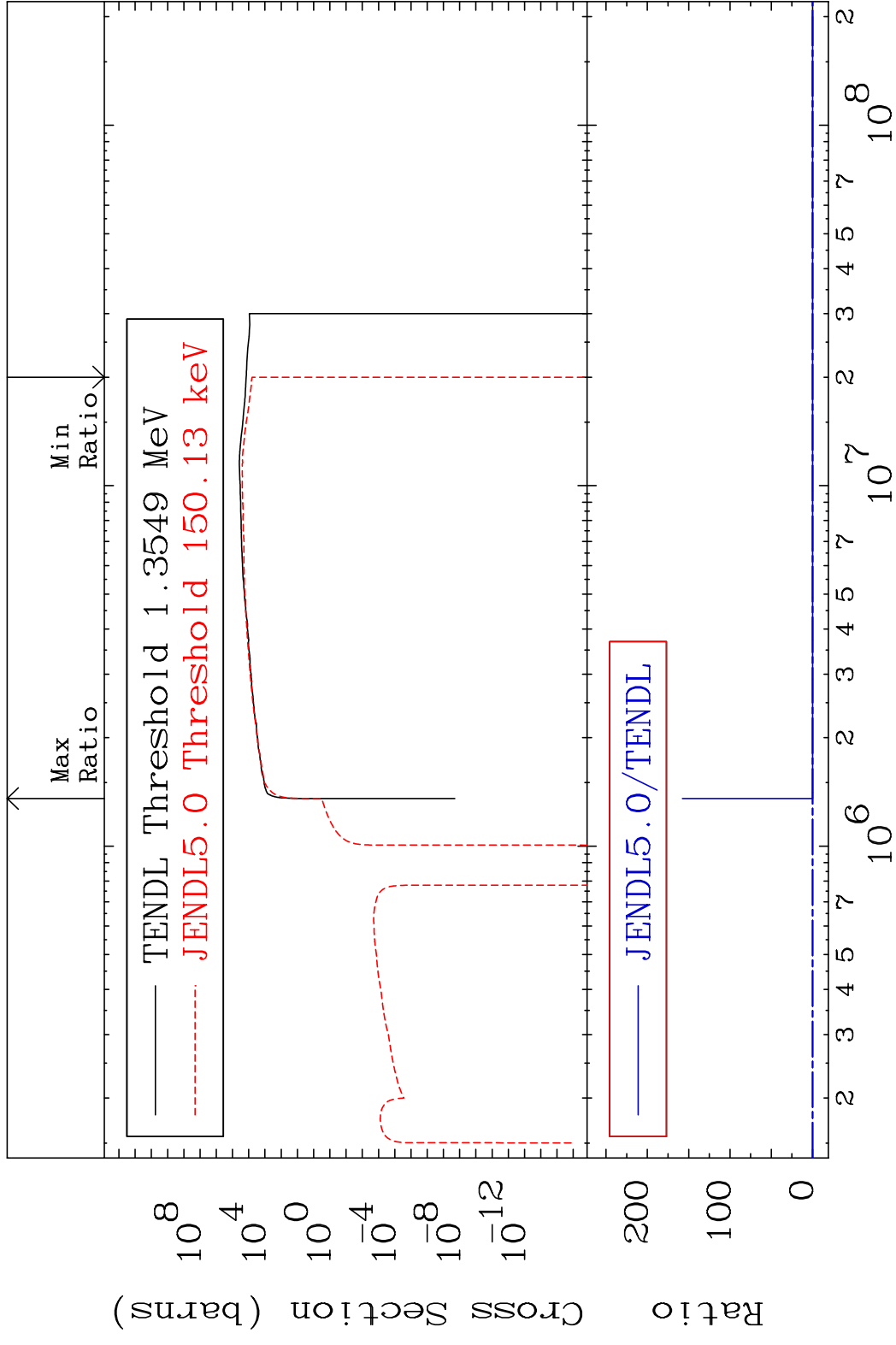
Incident Energy (eV)

28-Ni-60

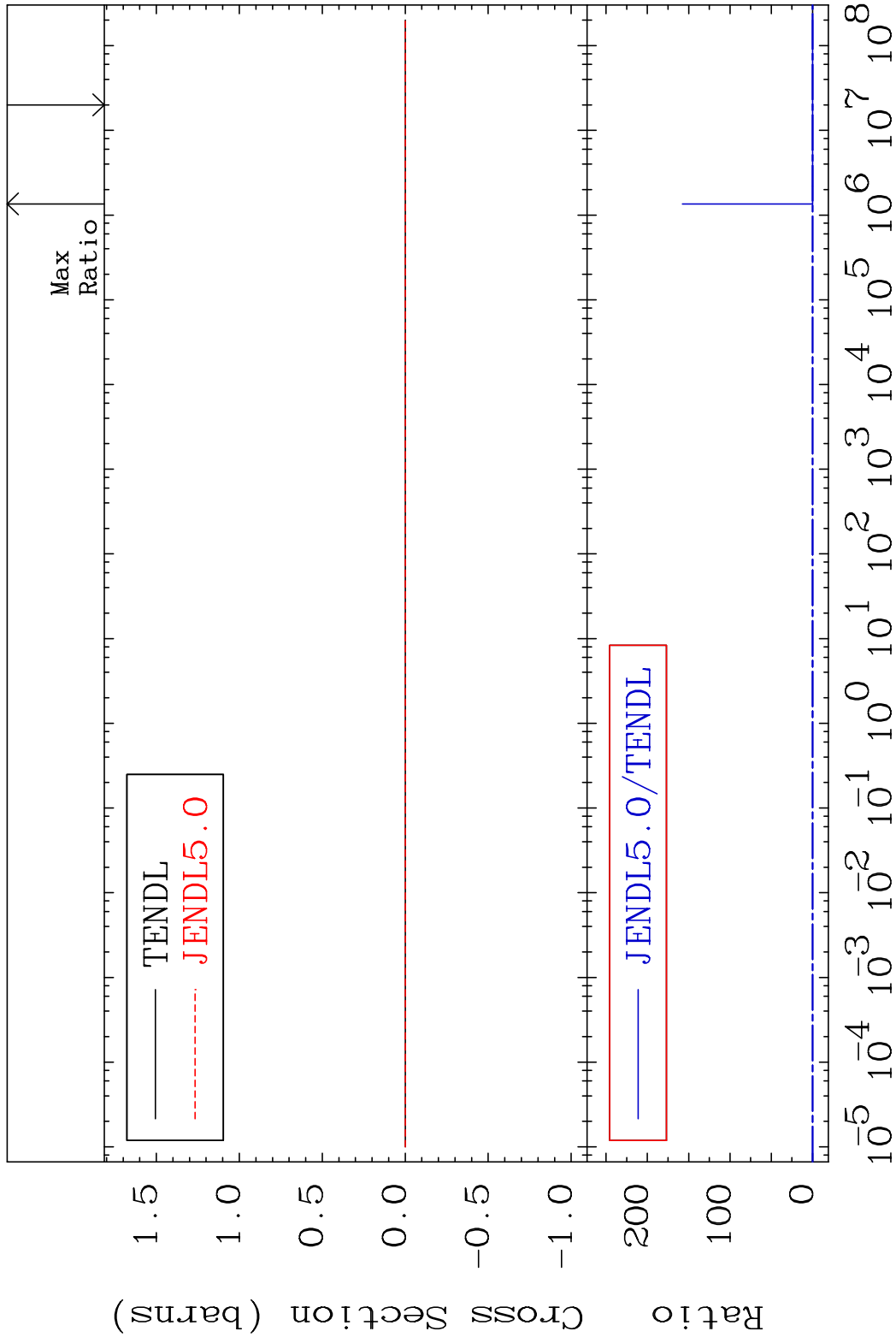
MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60  
 Cross Section -59.24 To 830.9 %



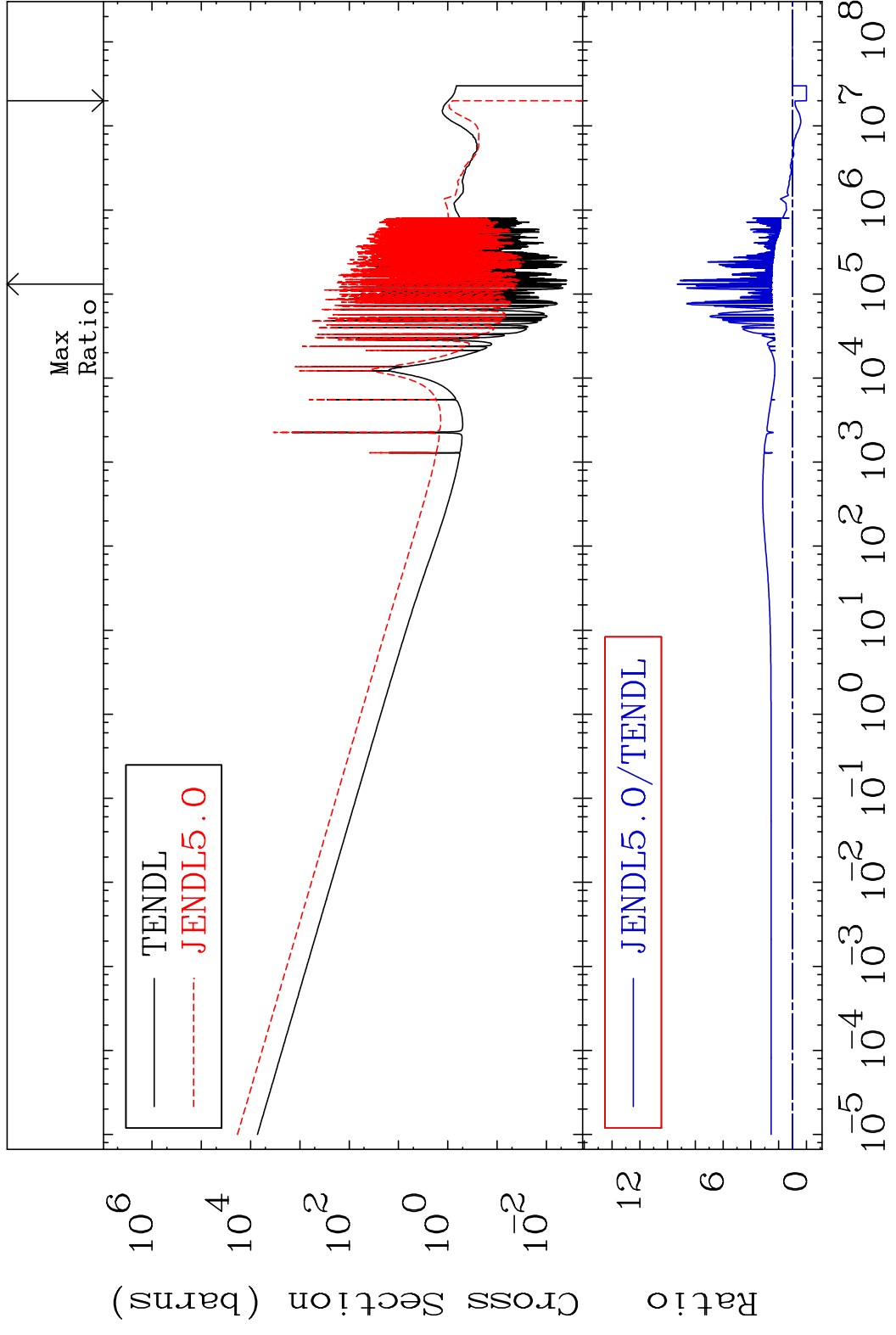
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60  
 Cross Section -100.0 To 9999. %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60  
 Cross Section -100.0 To 9999. %

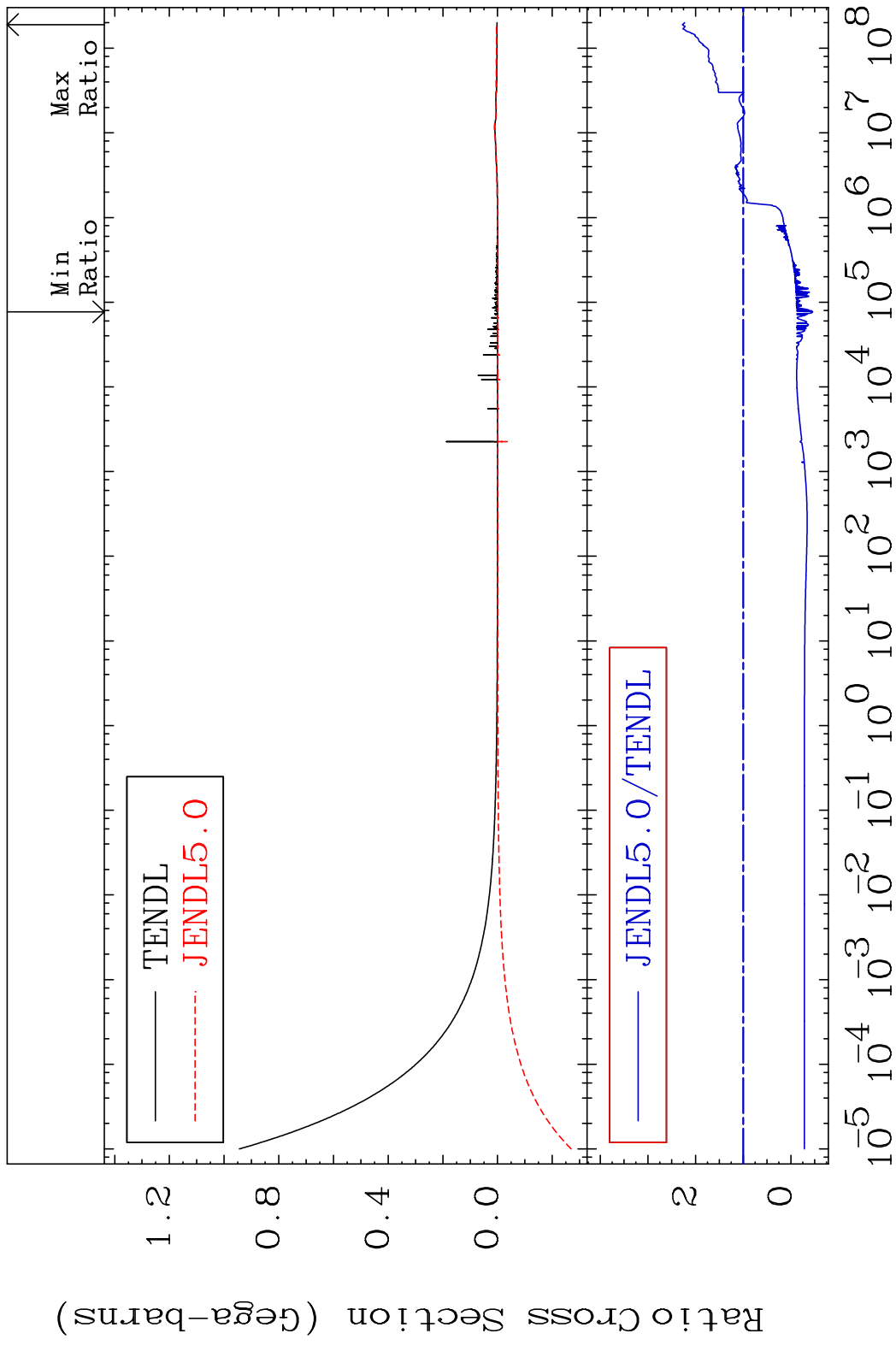


MAT 2831 Kerma capture (mt102) 28-Ni-60  
 Cross Section -100.0 To 830.9 %

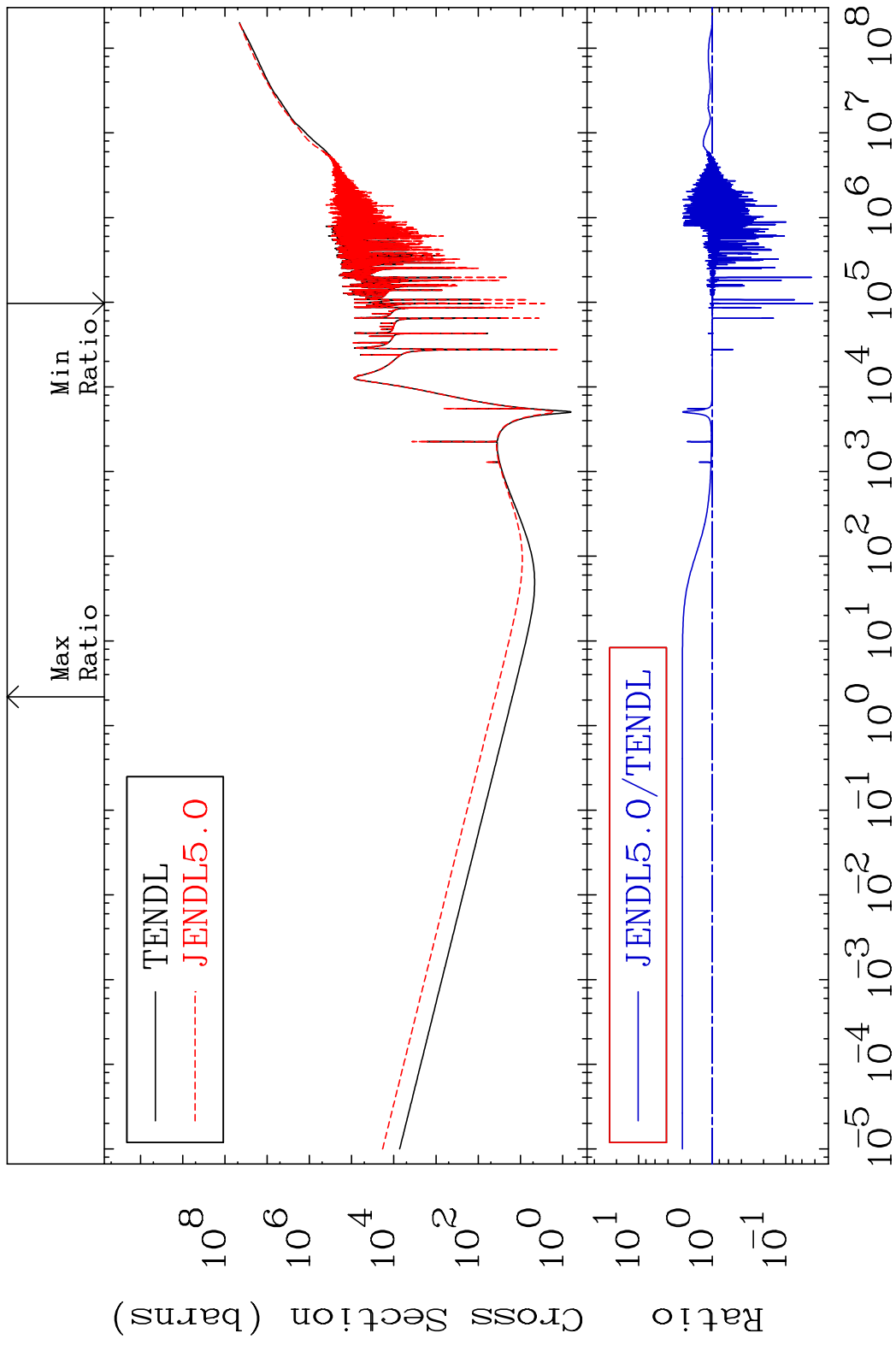


59 Incident Energy (eV) 28-Ni-60

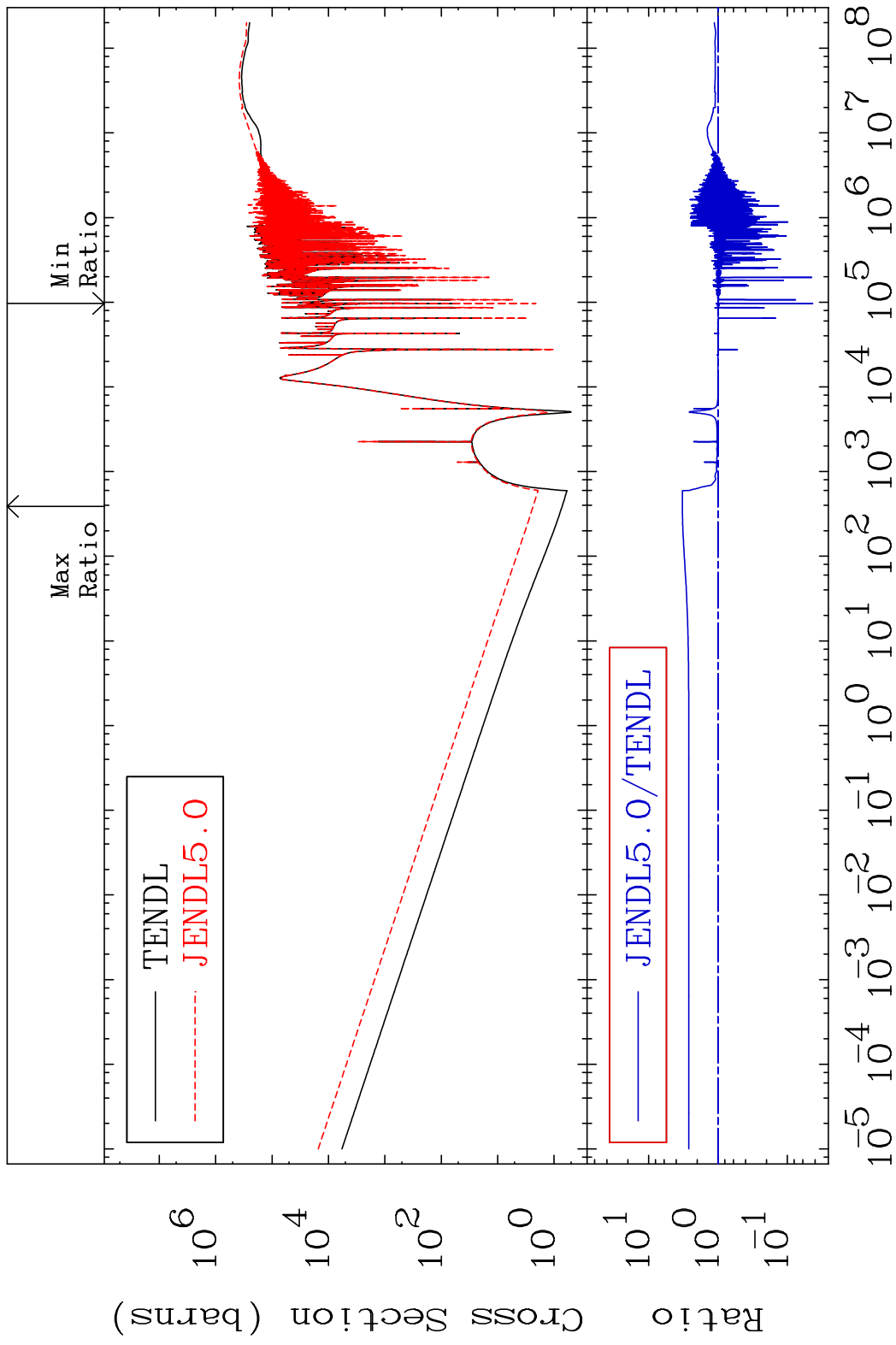
MAT 2831 Total photon (eV-barns) 28-Ni-60  
Cross Section -145.5 To 127.7 %



MAT 2831 Total kinematic kerma (high limit) 28-Ni-60  
 Cross Section -95.69 To 154.6 %



MAT 2831      Dpa total (eV-barns)      28-Ni-60  
 Cross Section      -95.66      To 226.9 %



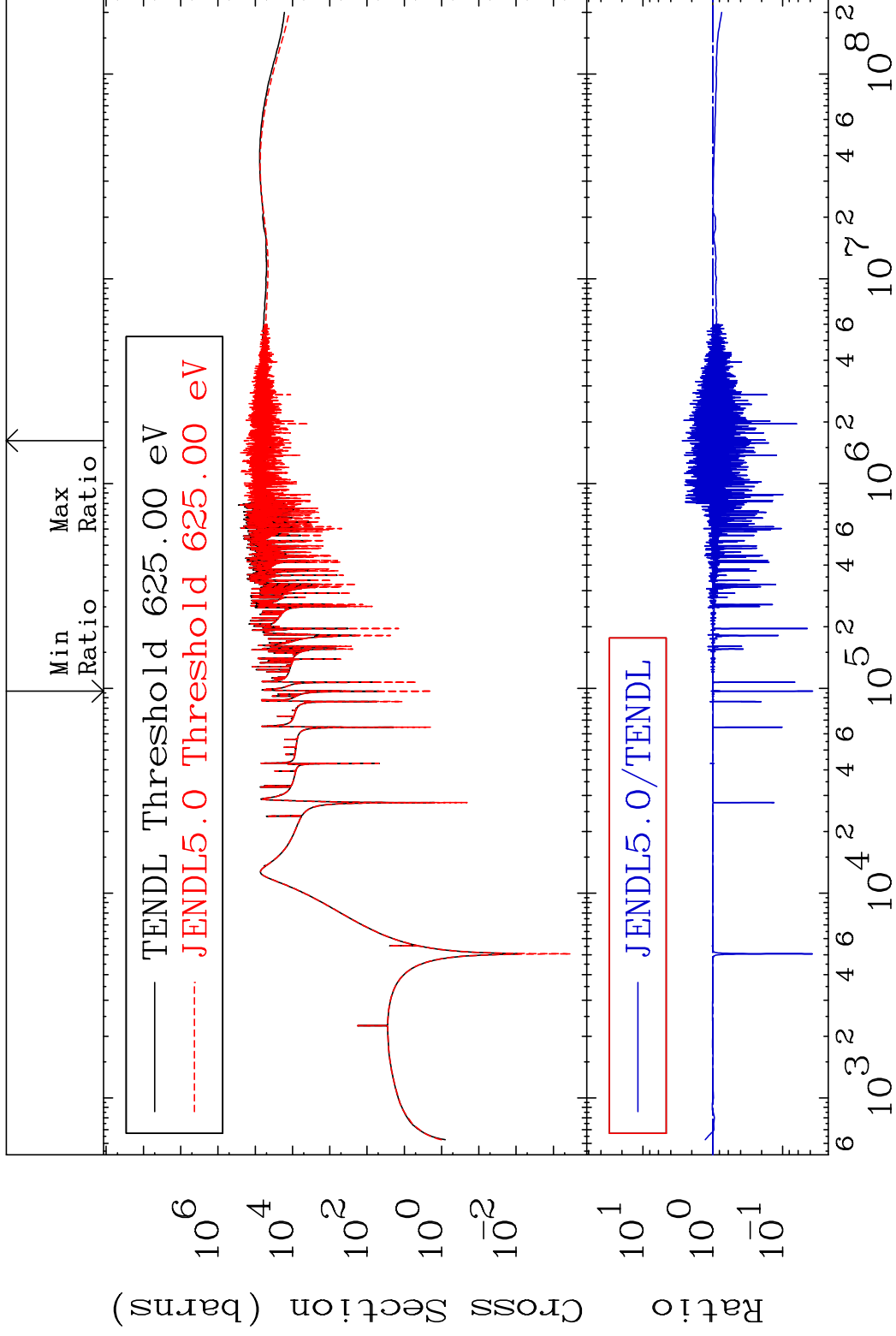
62      Incident Energy (eV)      28-Ni-60

MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -96.27 To 174.1 %

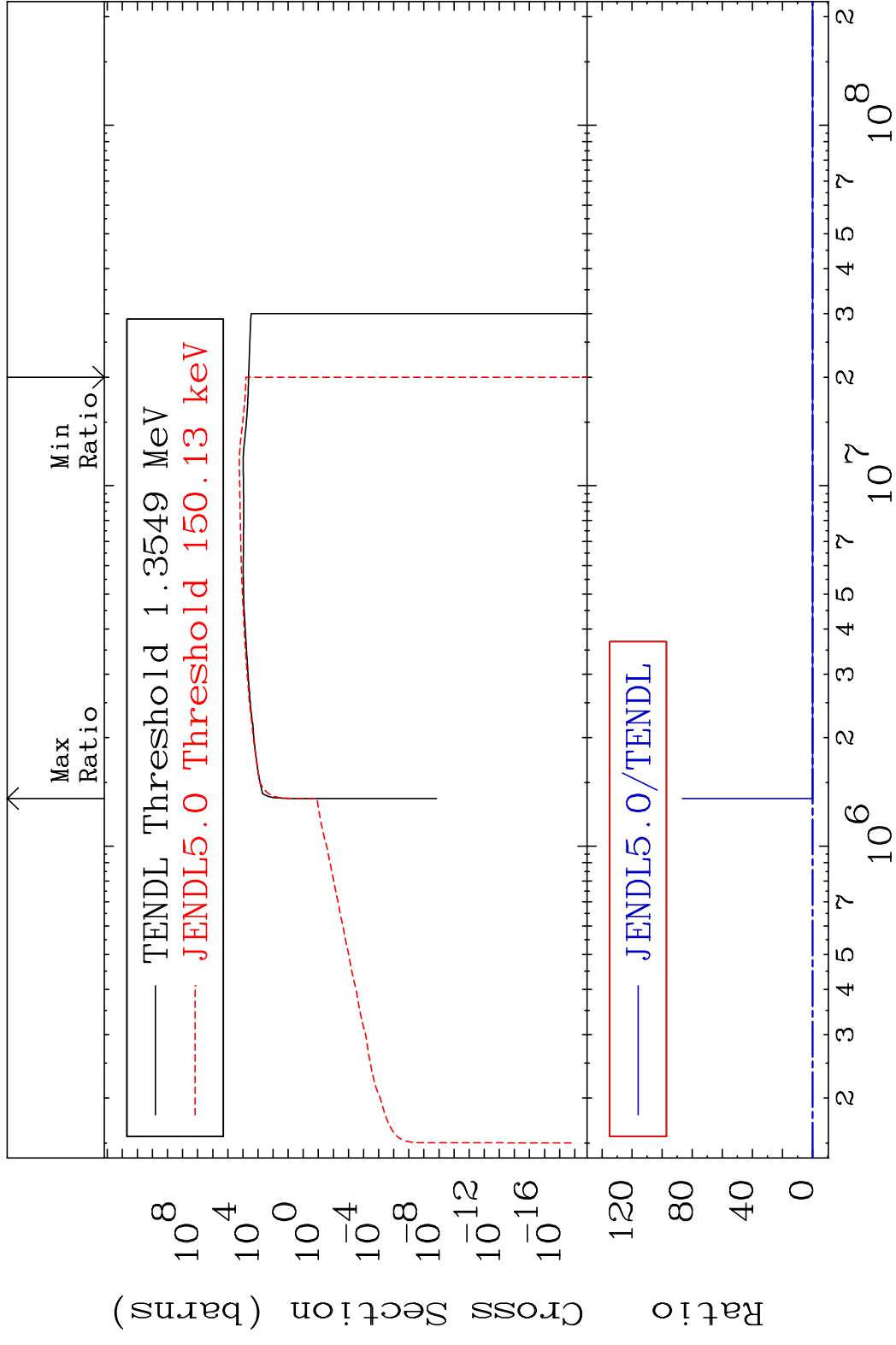


63

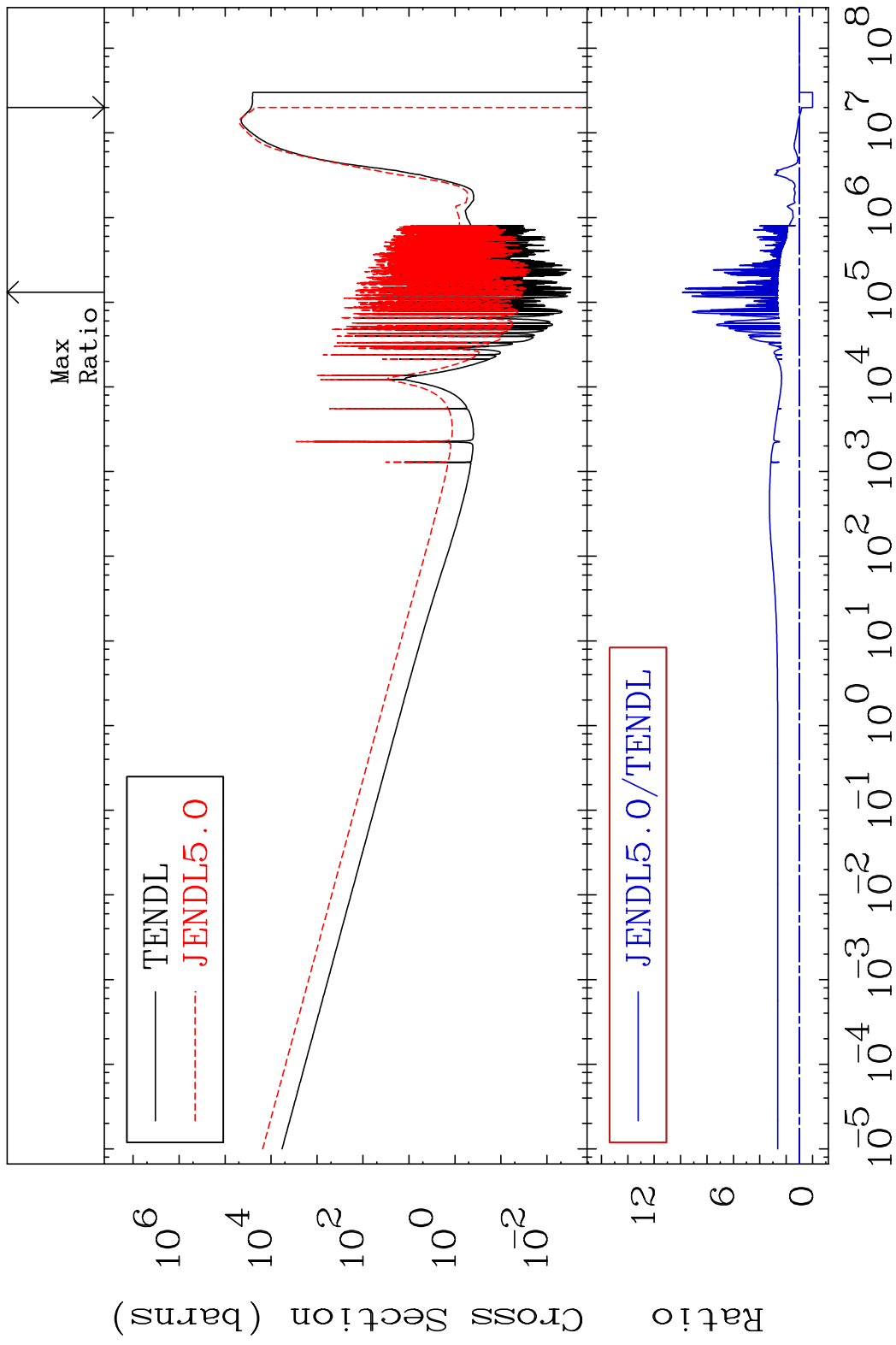
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60  
 Cross Section -100.0 To 9999. %

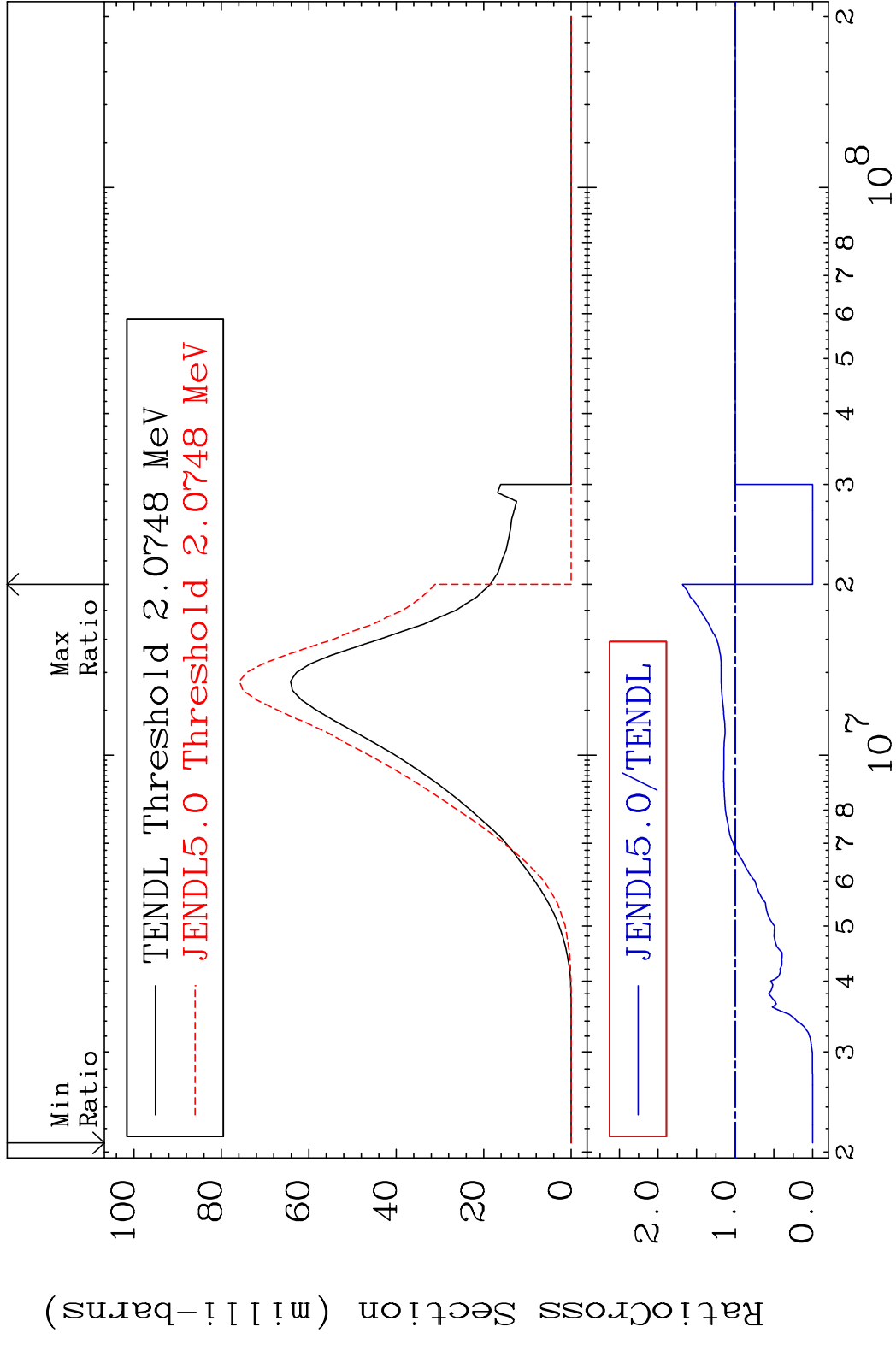


MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60  
 Cross Section -100.0 To 886.5 %

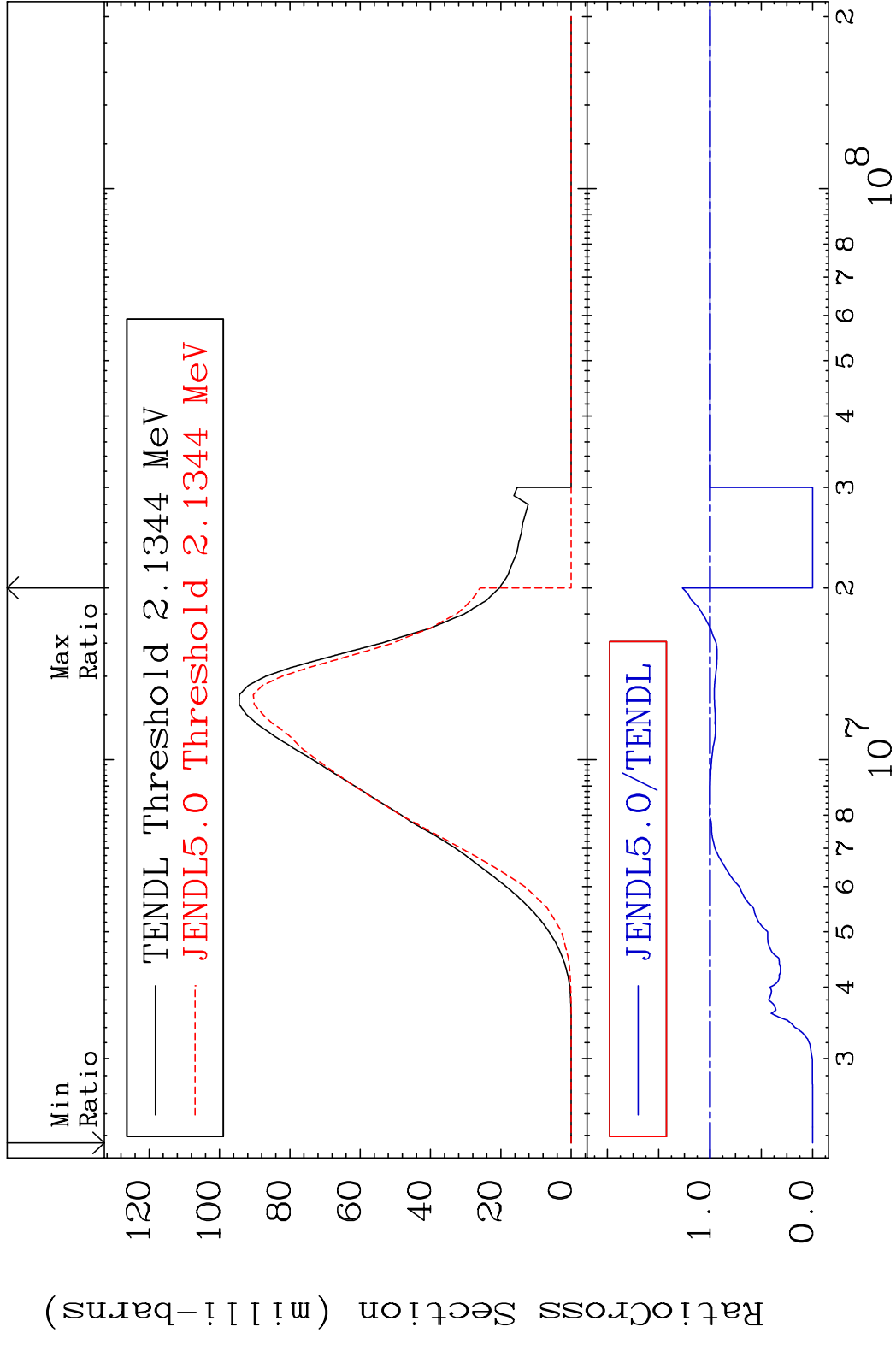


65 Incident Energy (eV) 28-Ni-60

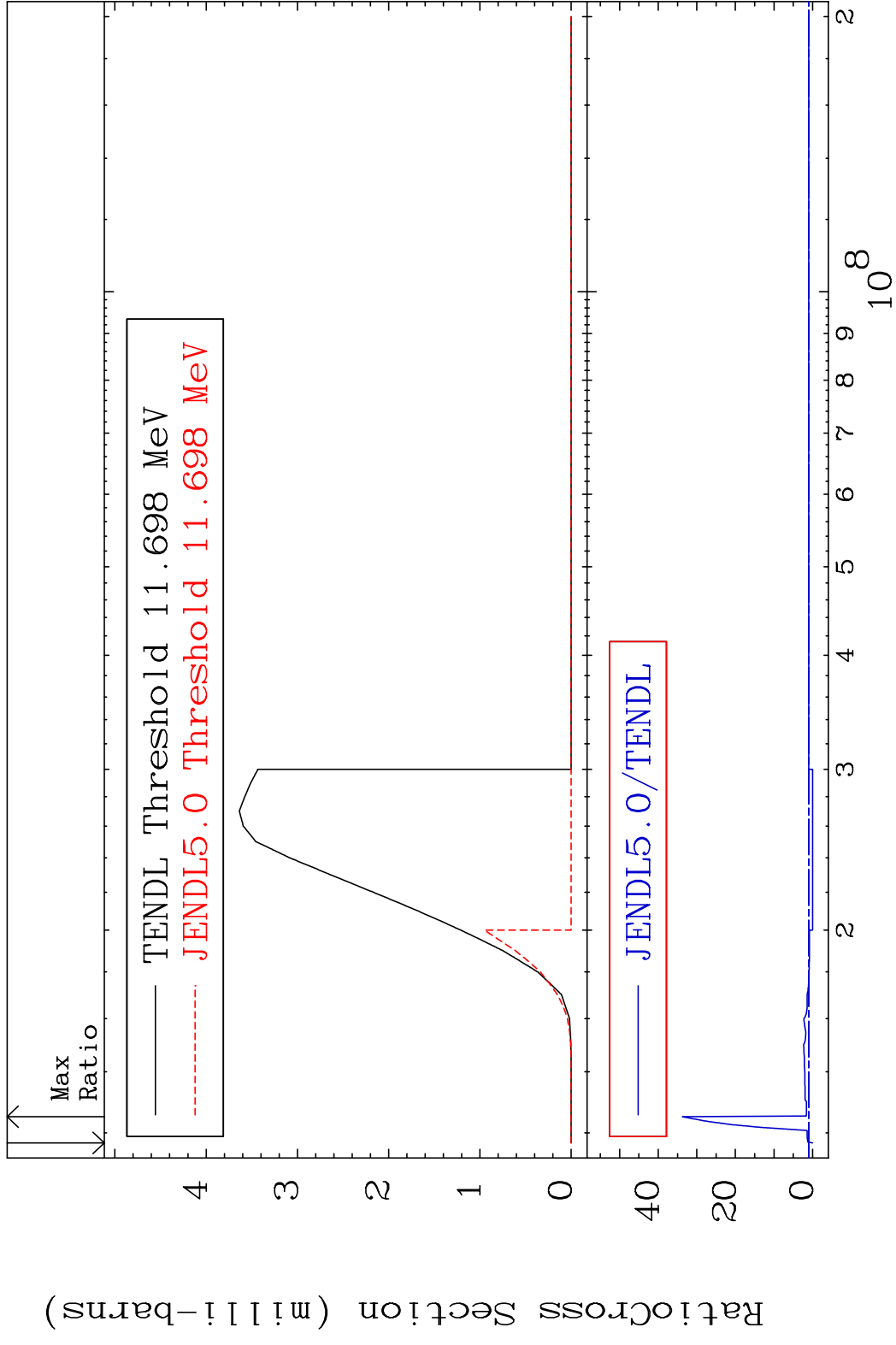
MAT 2831 (n, p): 27-Co-60g 28-Ni-60  
 Radionuclide Production Cross Section Ratio 68.49 %



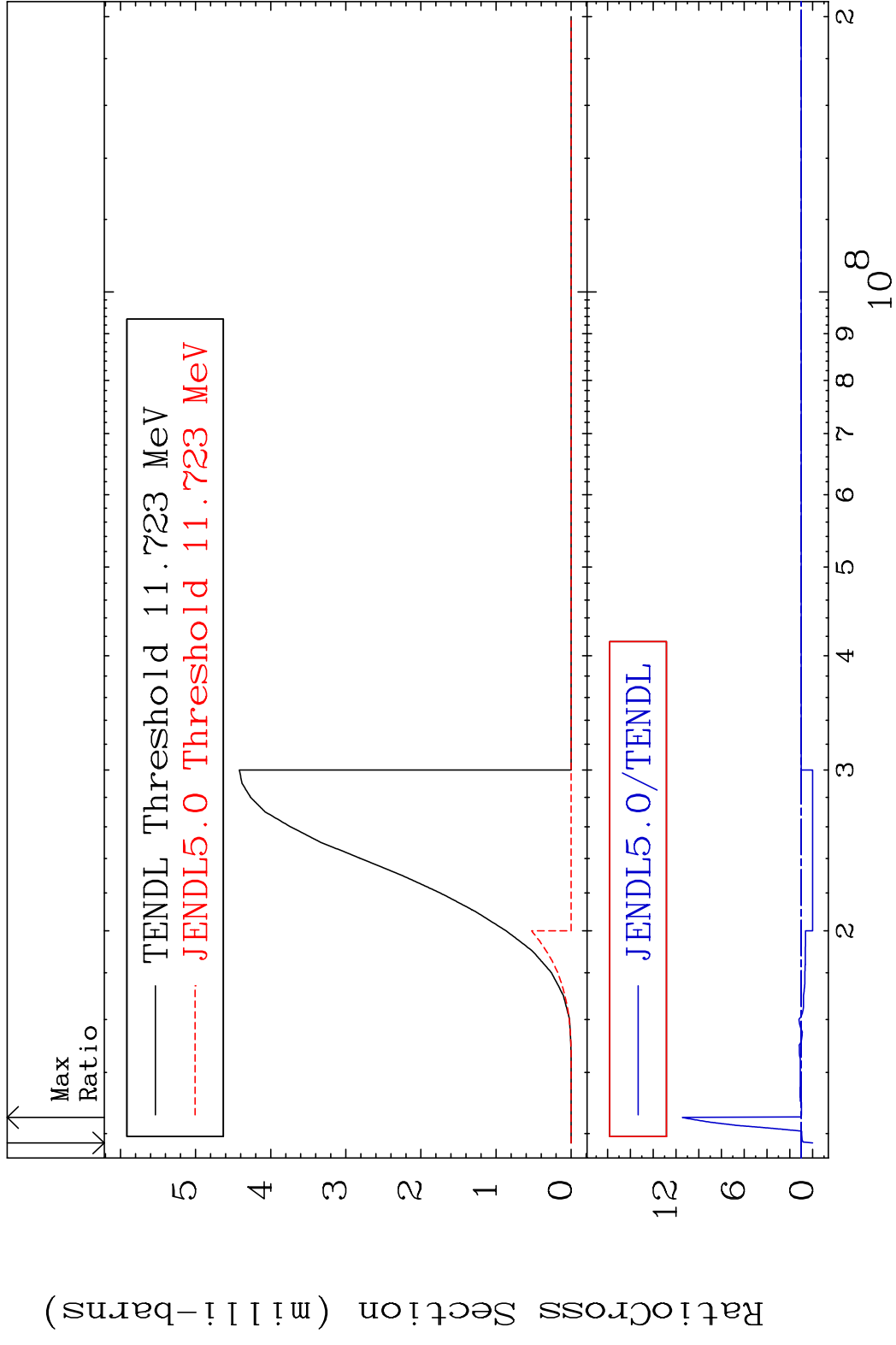
MAT 2831 (n,p):27-Co-60m1 28-Ni-60  
 Radionuclide Production Cross Section 180.01 dth 26.95 %



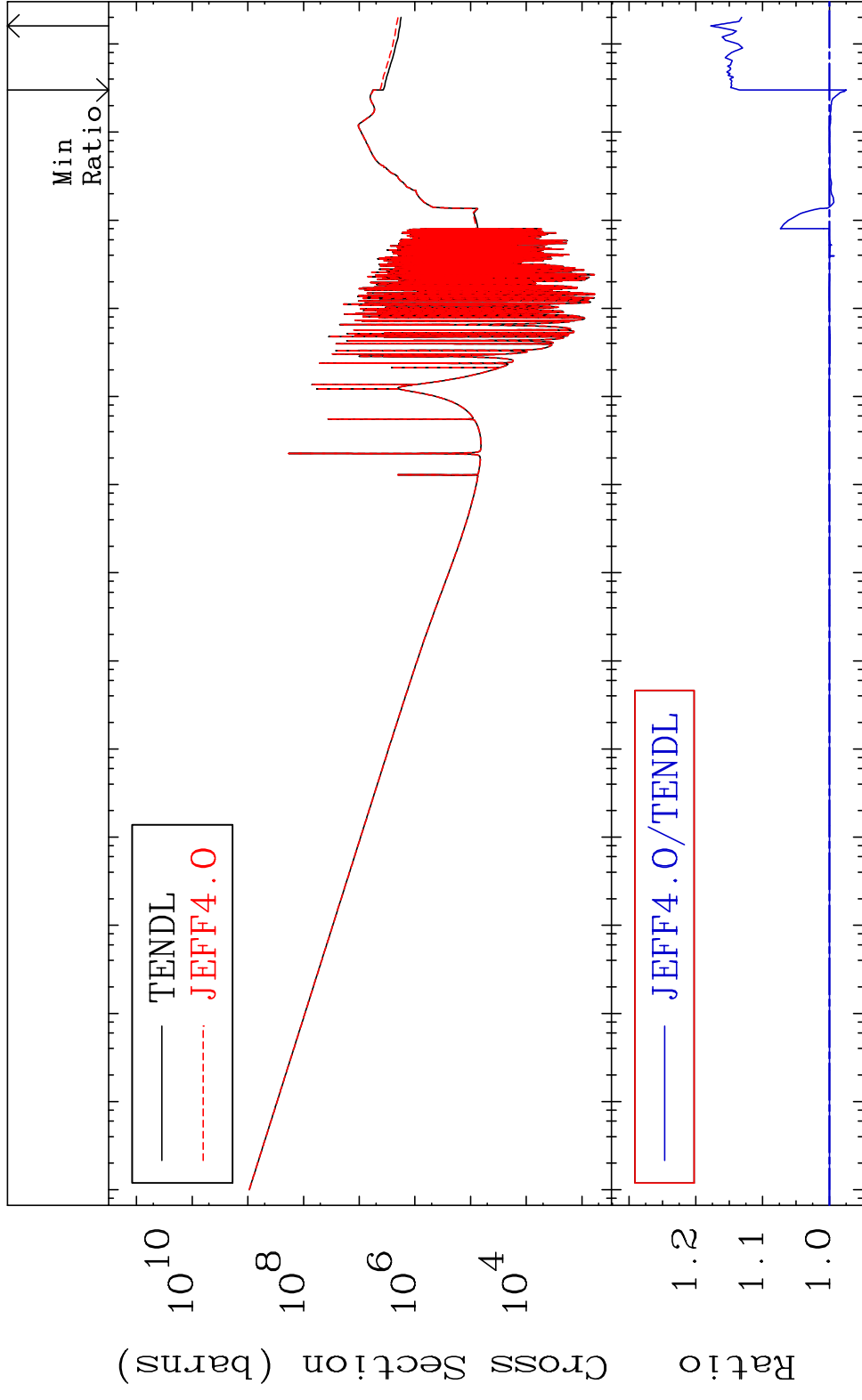
MAT 2831 (n, t):27-Co-58g 28-Ni-60  
 Radionuclide Production Cross Section 180.0 mb 3274. %



MAT 2831 (n,t):27-Co-58m1 28-Ni-60  
 Radionuclide Production Cross Section Ratio 100.00 to 1044. %

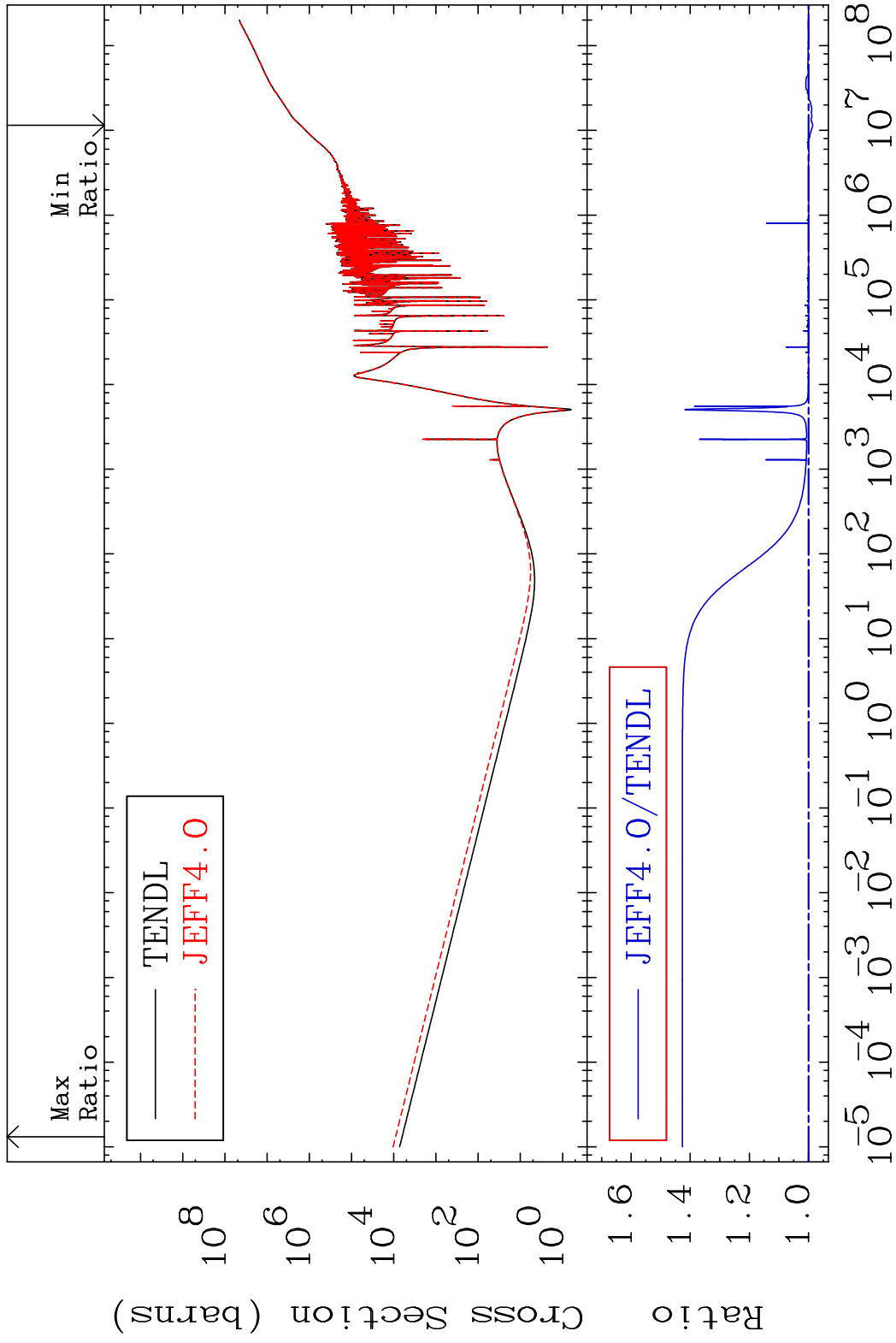


MAT 2831 Total photon (eV-barns) 28-Ni-60  
Cross Section -2.532 To 17.77 %

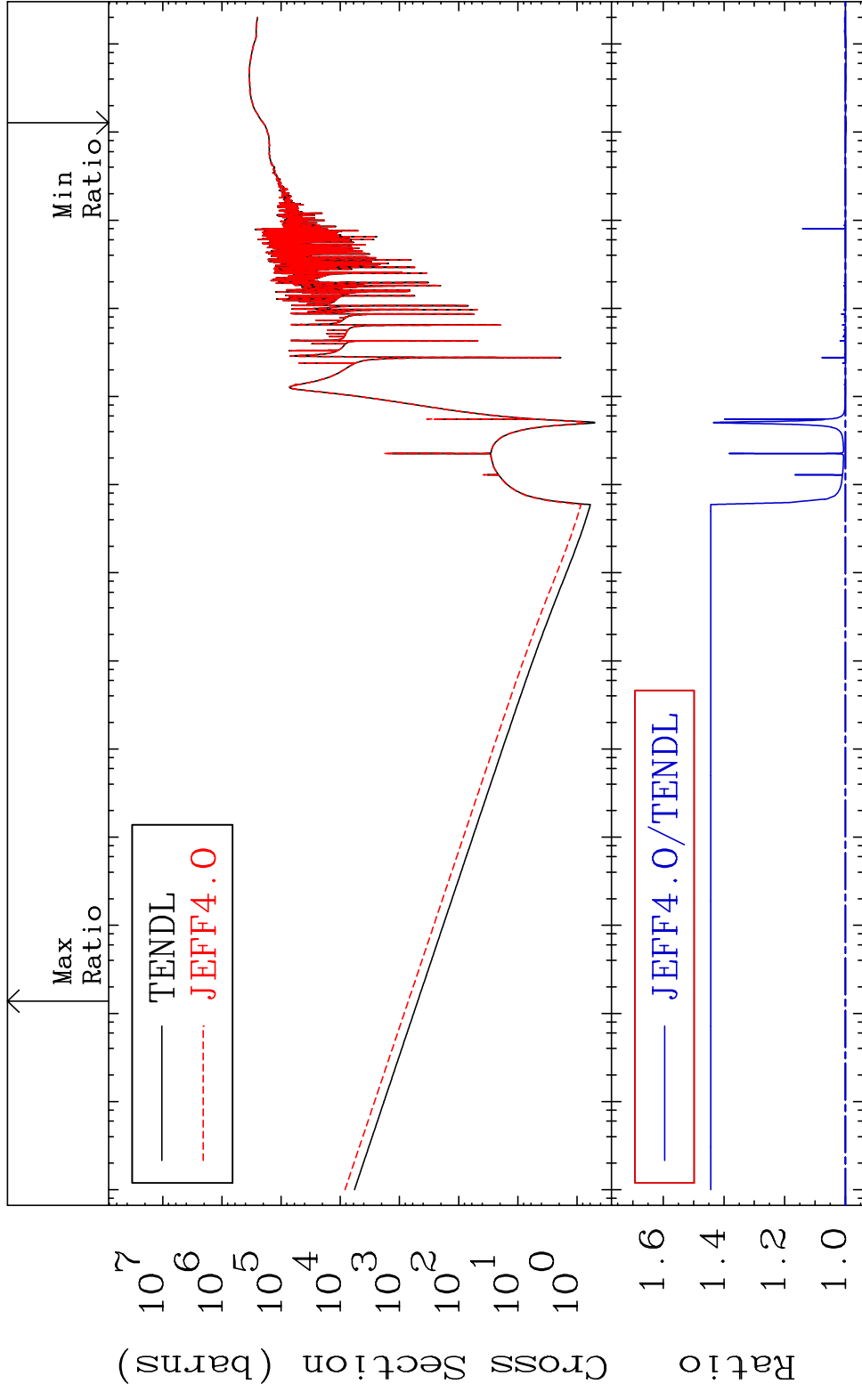


70 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60  
 Cross Section -1.378 To 42.67 %



MAT 2831      Dpa total (eV-barns)      28-Ni-60  
 Cross Section      -0.307 To 44.37 %

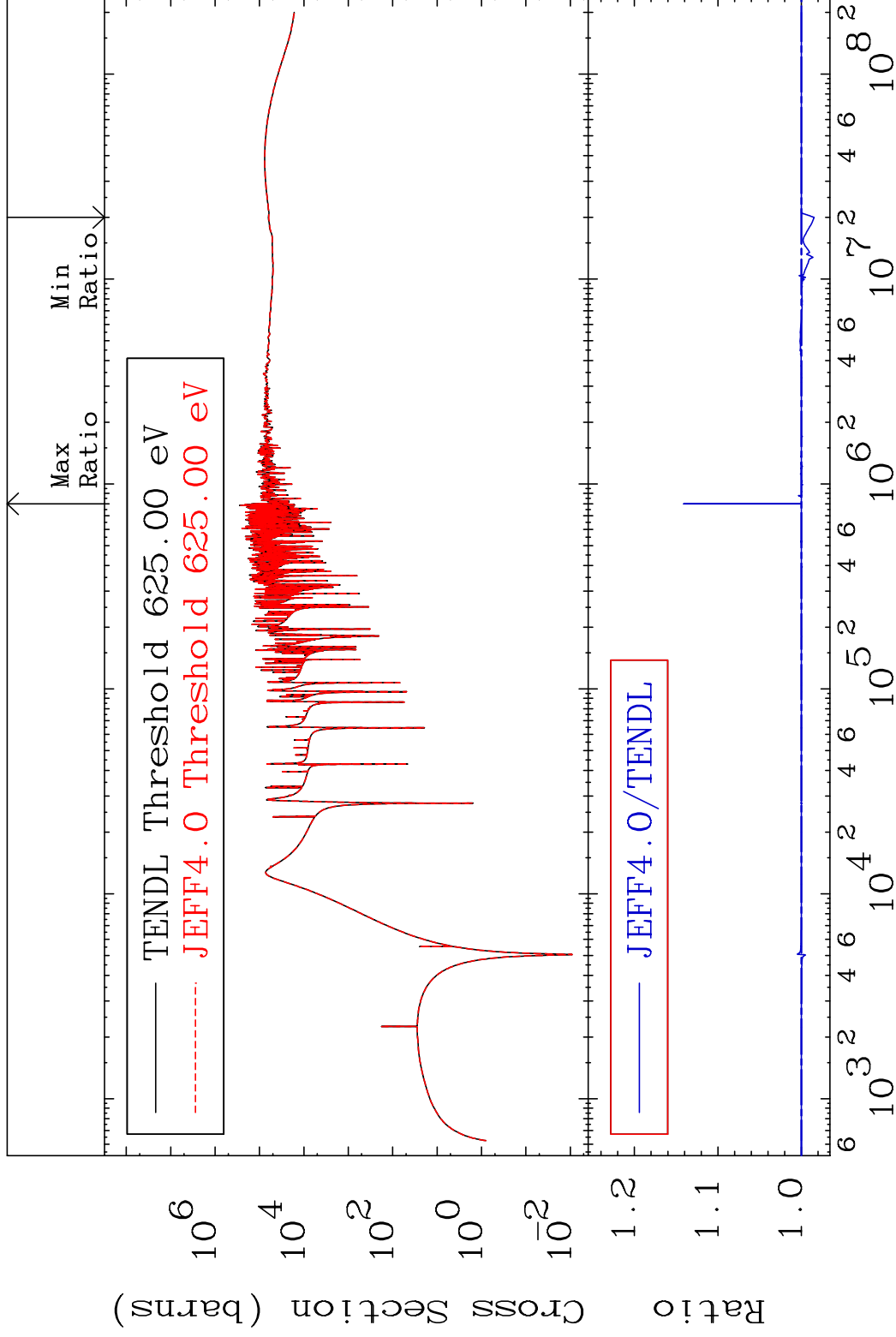


MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -1.524 To 14.10 %

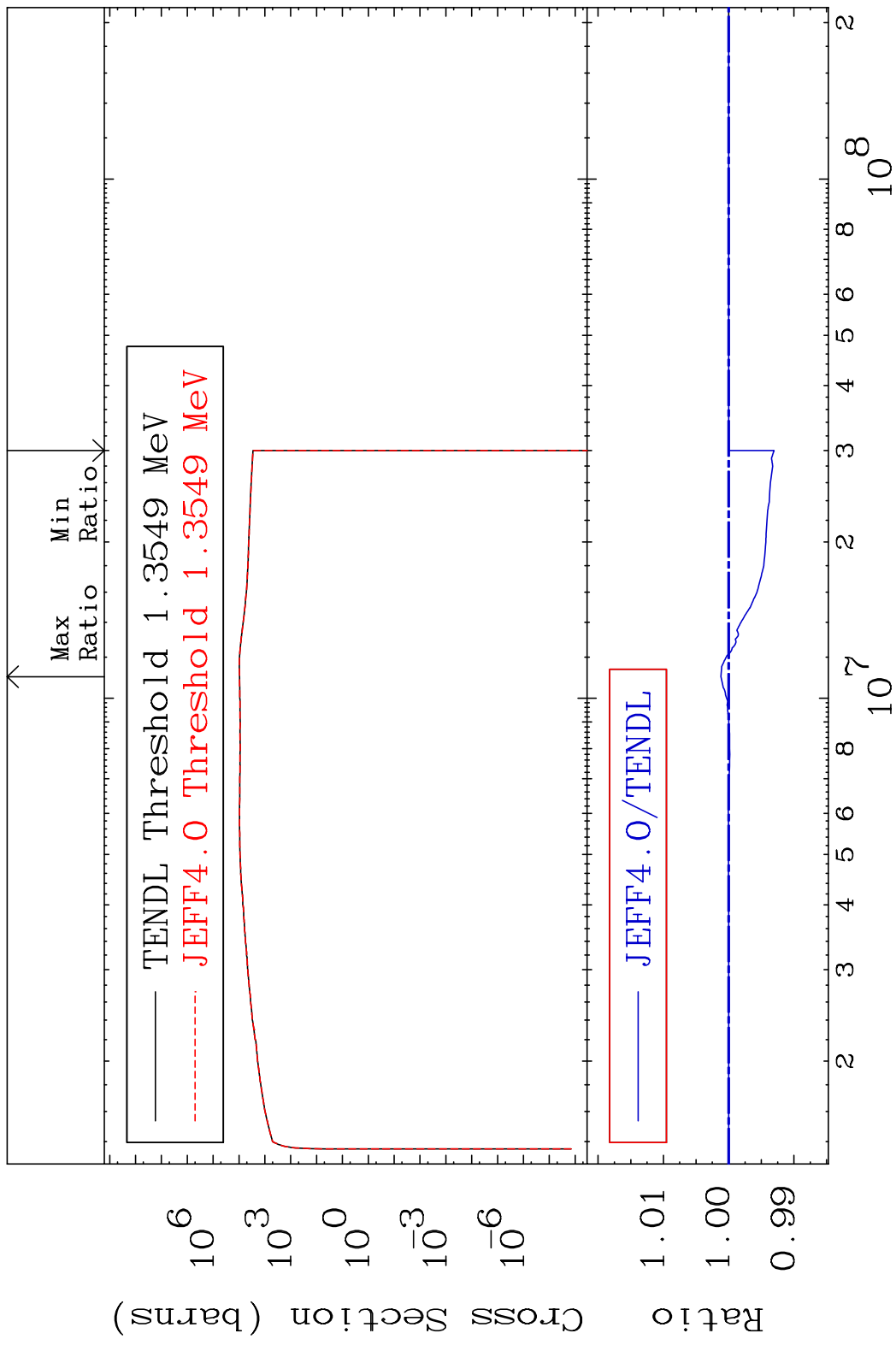


73

Incident Energy (eV)

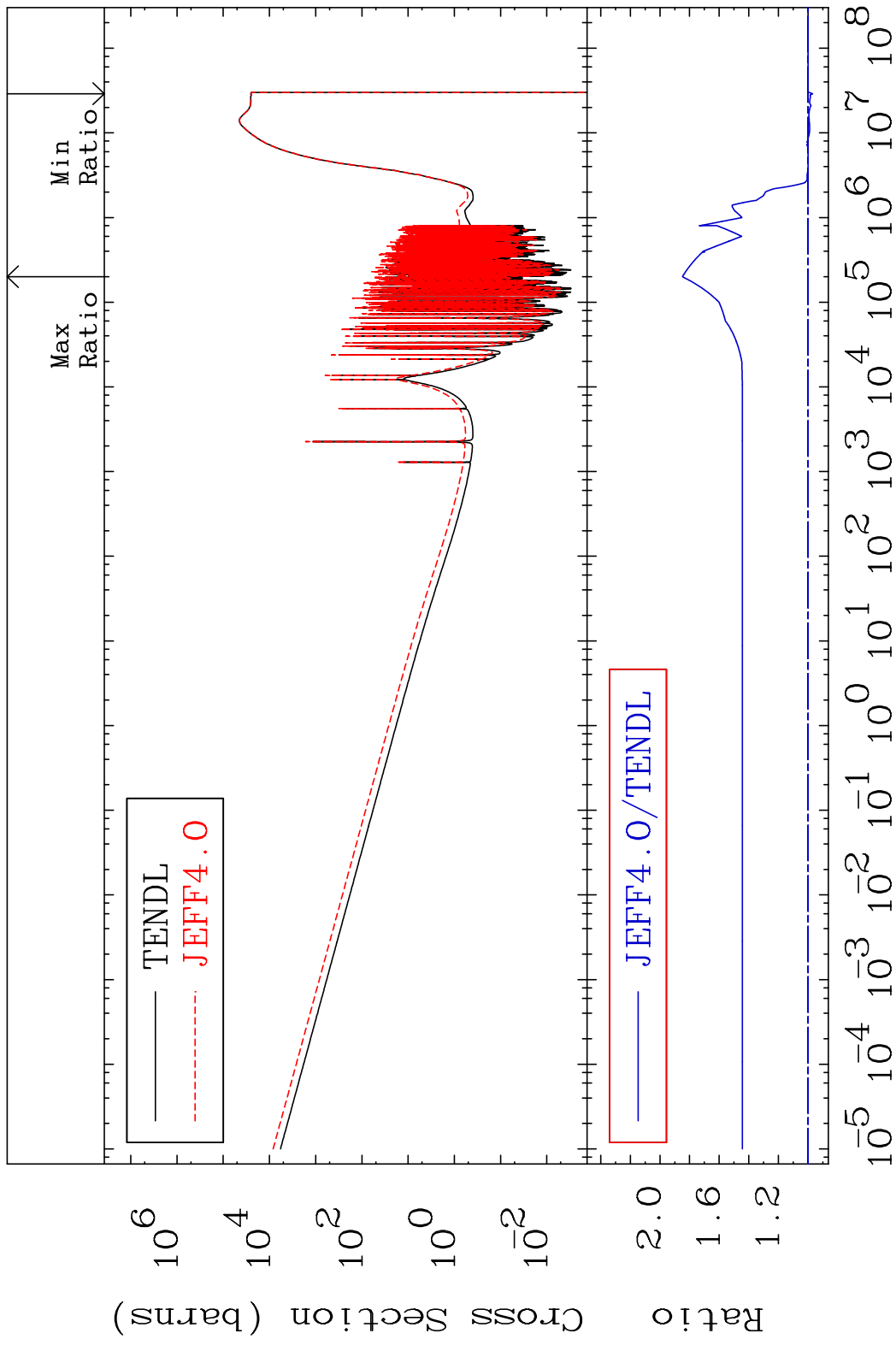
28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60  
 Cross Section -0.695 To 0.120 %



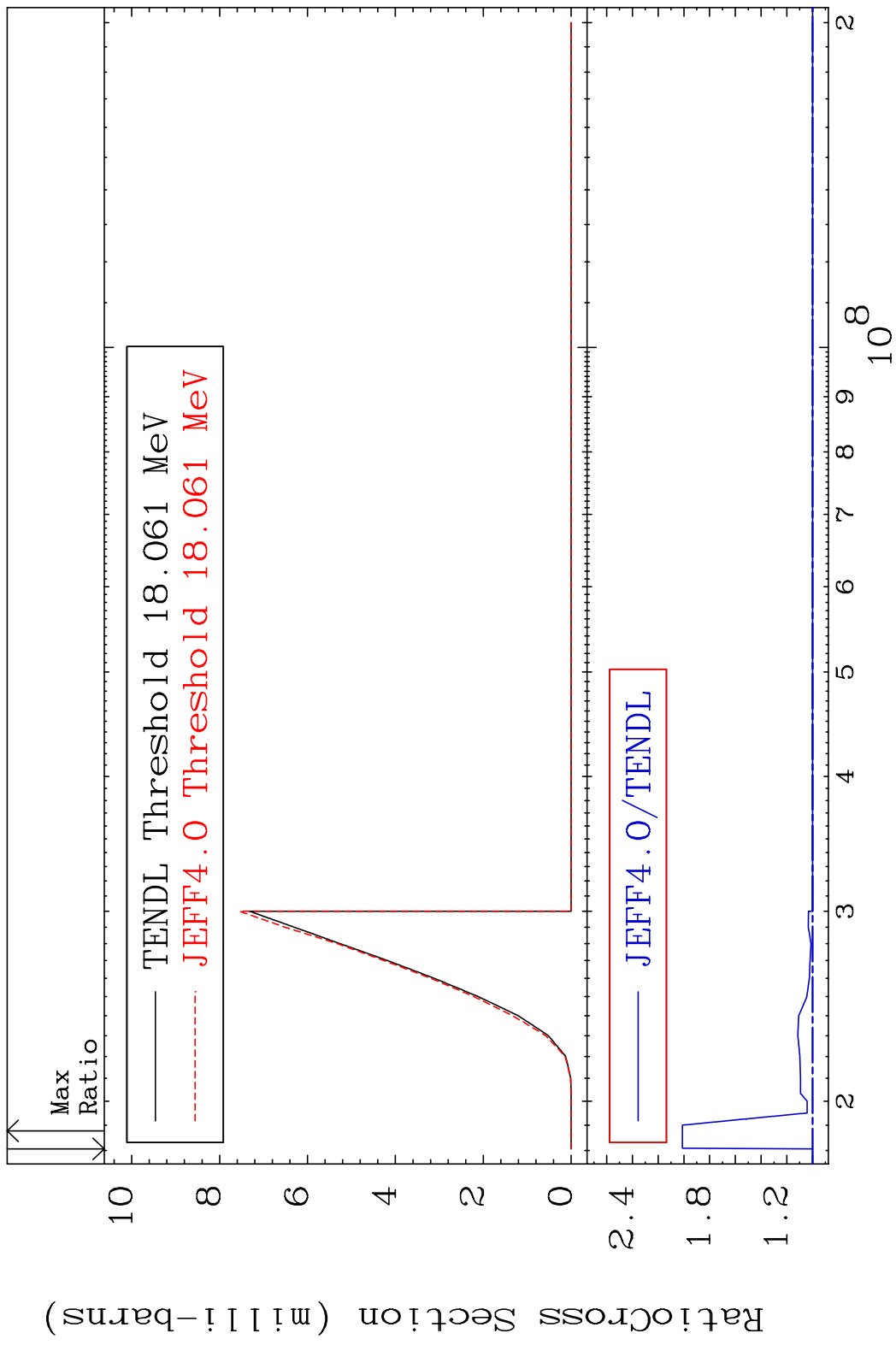
74 Incident Energy (eV) 28-Ni-60

MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60  
 Cross Section -2.992 To 84.87 %

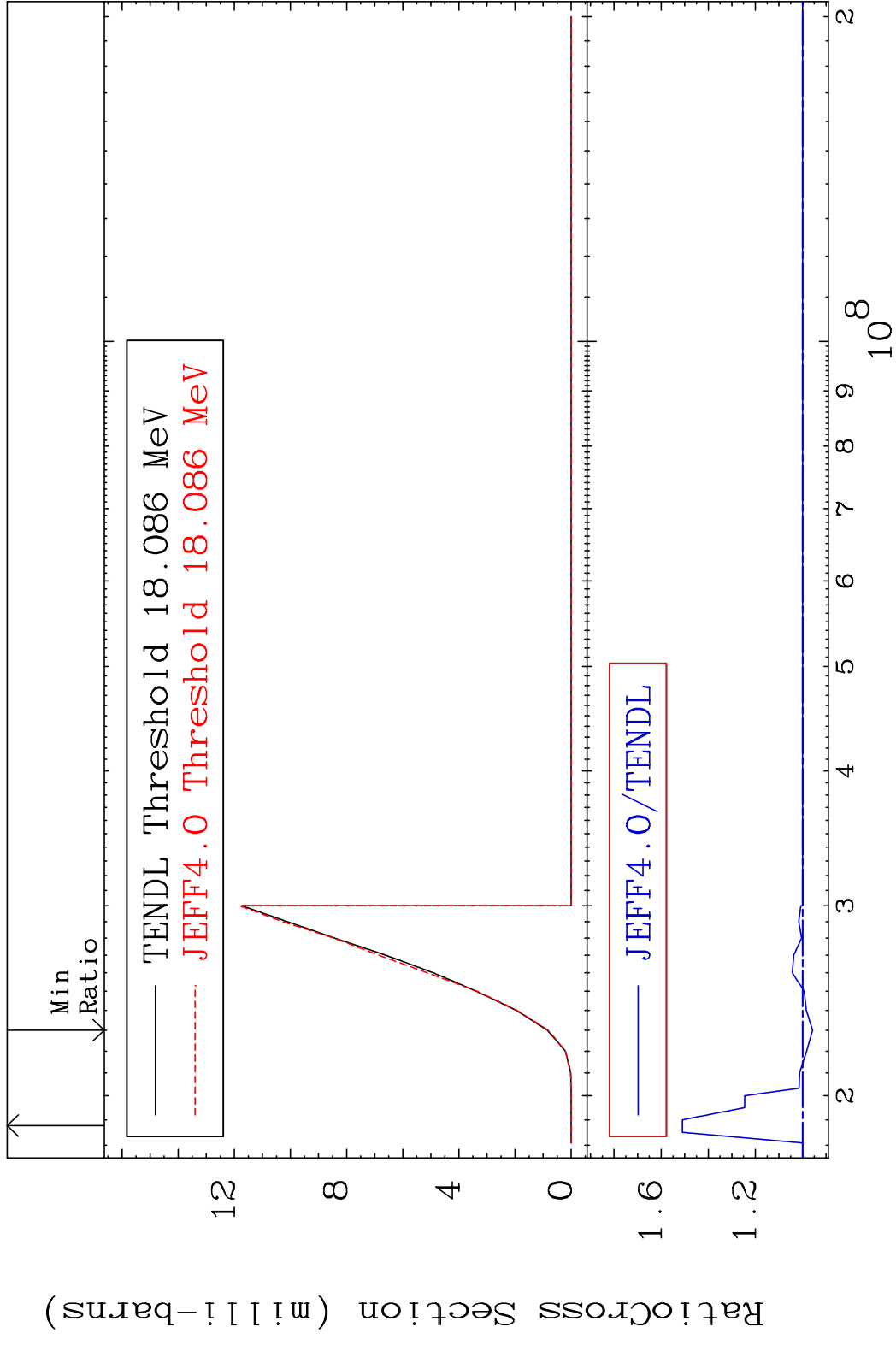


75 Incident Energy (eV) 28-Ni-60

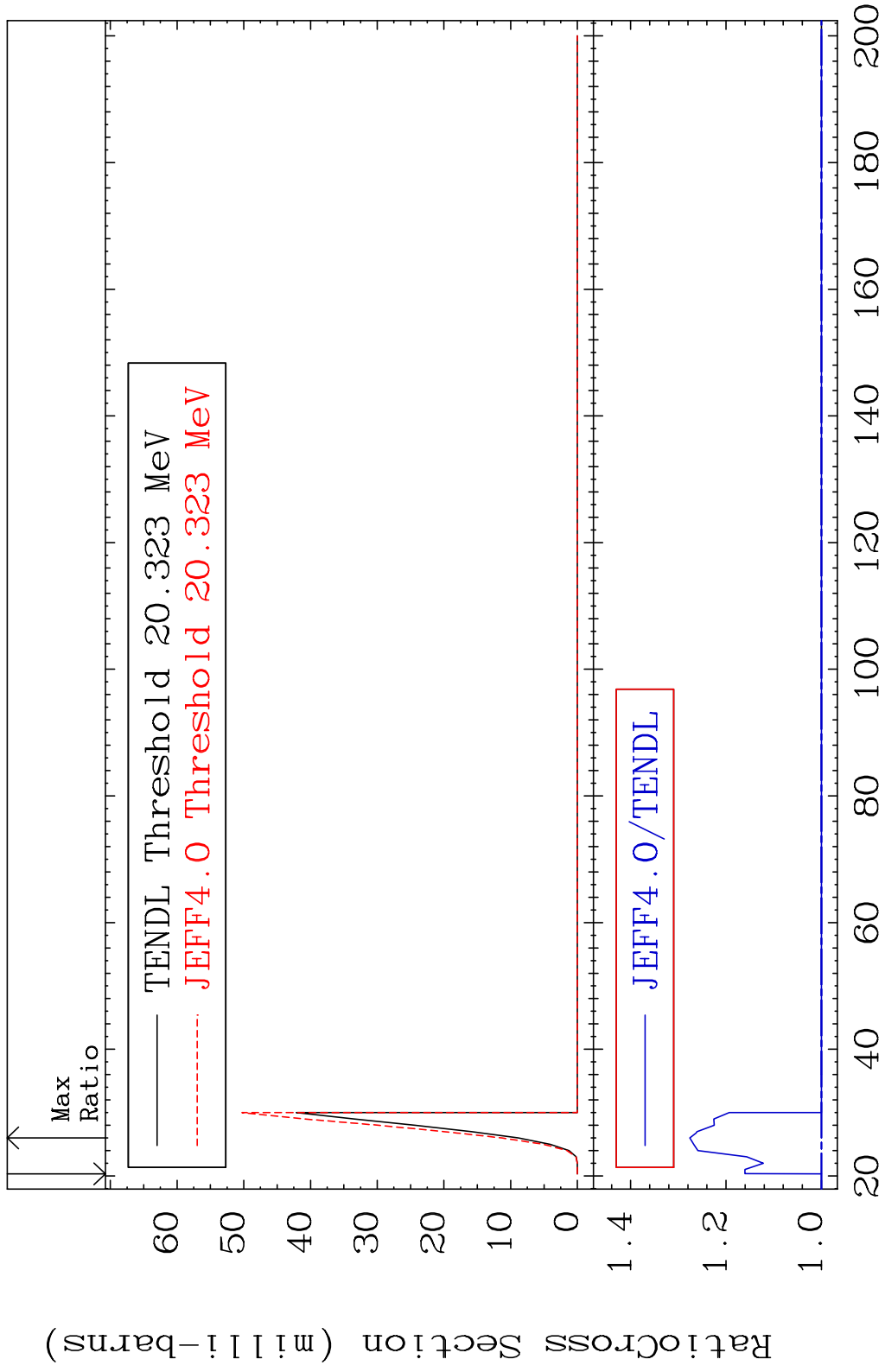
MAT 2831 (n, n') d:27-Co-58g 28-Ni-60  
 Radionuclide Production Cross Section 101.2 %



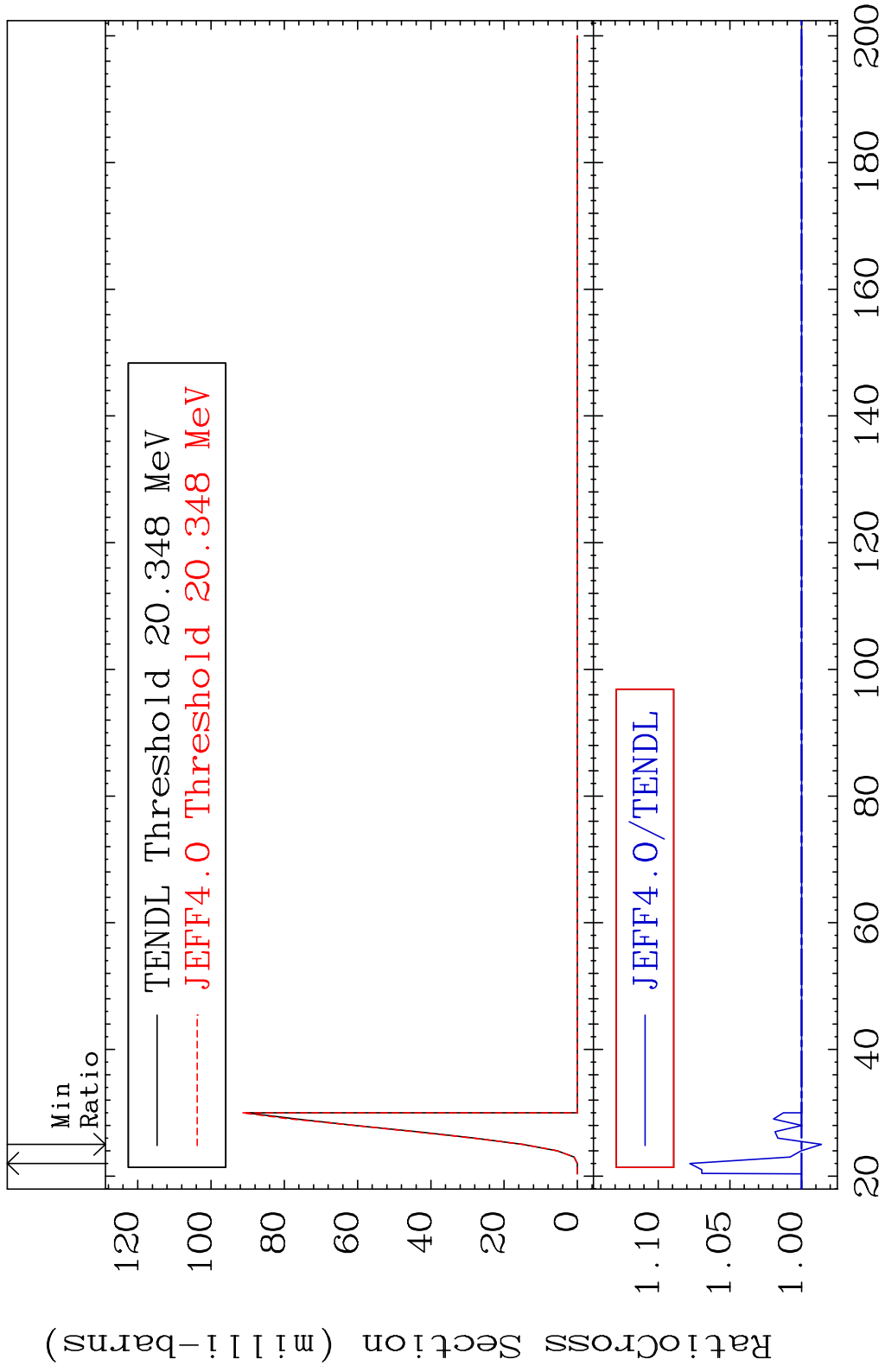
MAT 2831 (n, n') d:27-Co-58m1 28-Ni-60  
 Radionuclide Production Cross Section 51.01 %



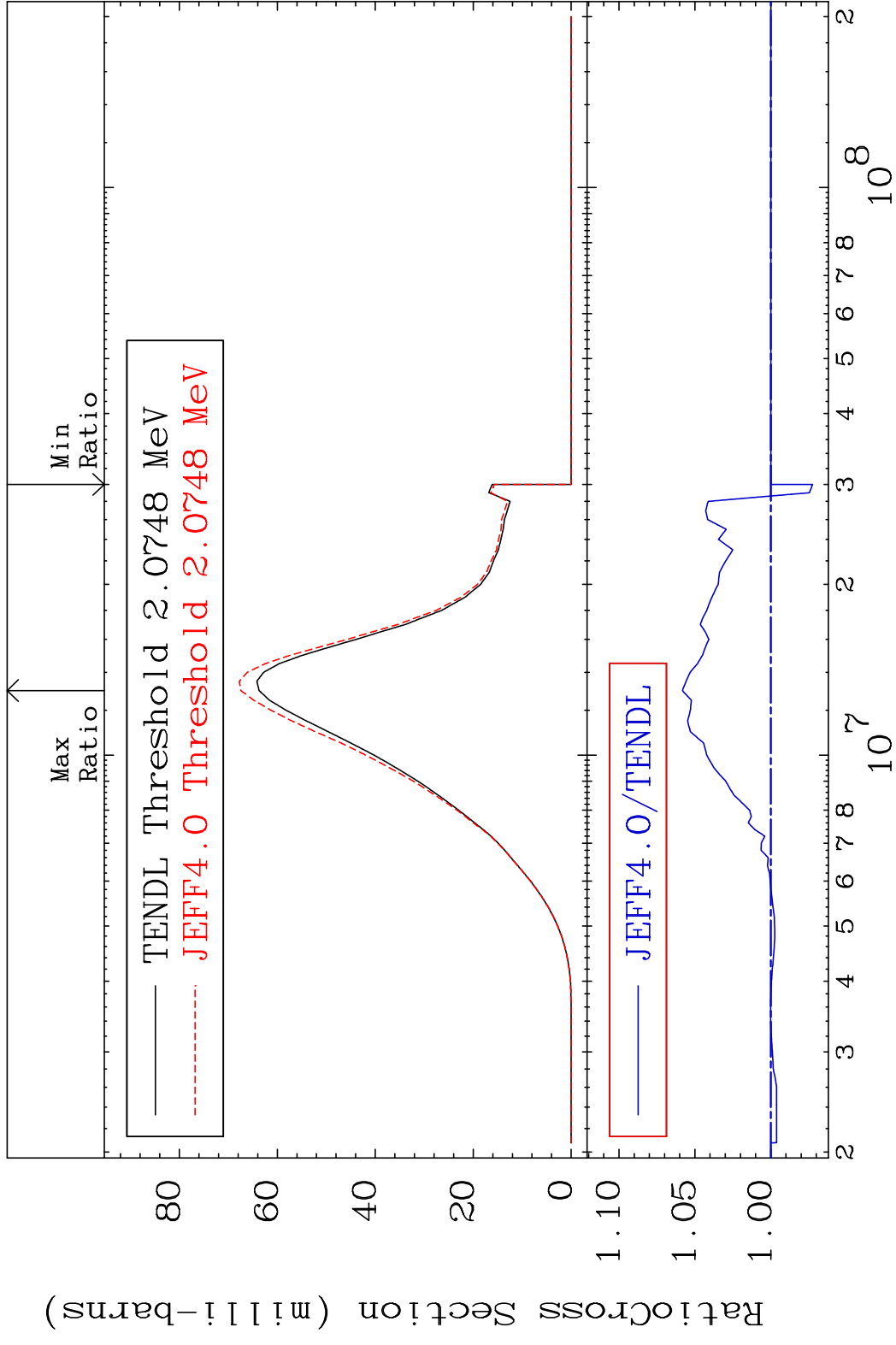
MAT 2831 (n,2n) p:27-Co-58g 28-Ni-60  
 Radionuclide Production Cross Section 27.60 %



MAT 2831 (n,2n) p:27-Co-58m1 28-Ni-60  
 Radionuclide Production Cross Section 15883 d10 7.798 %

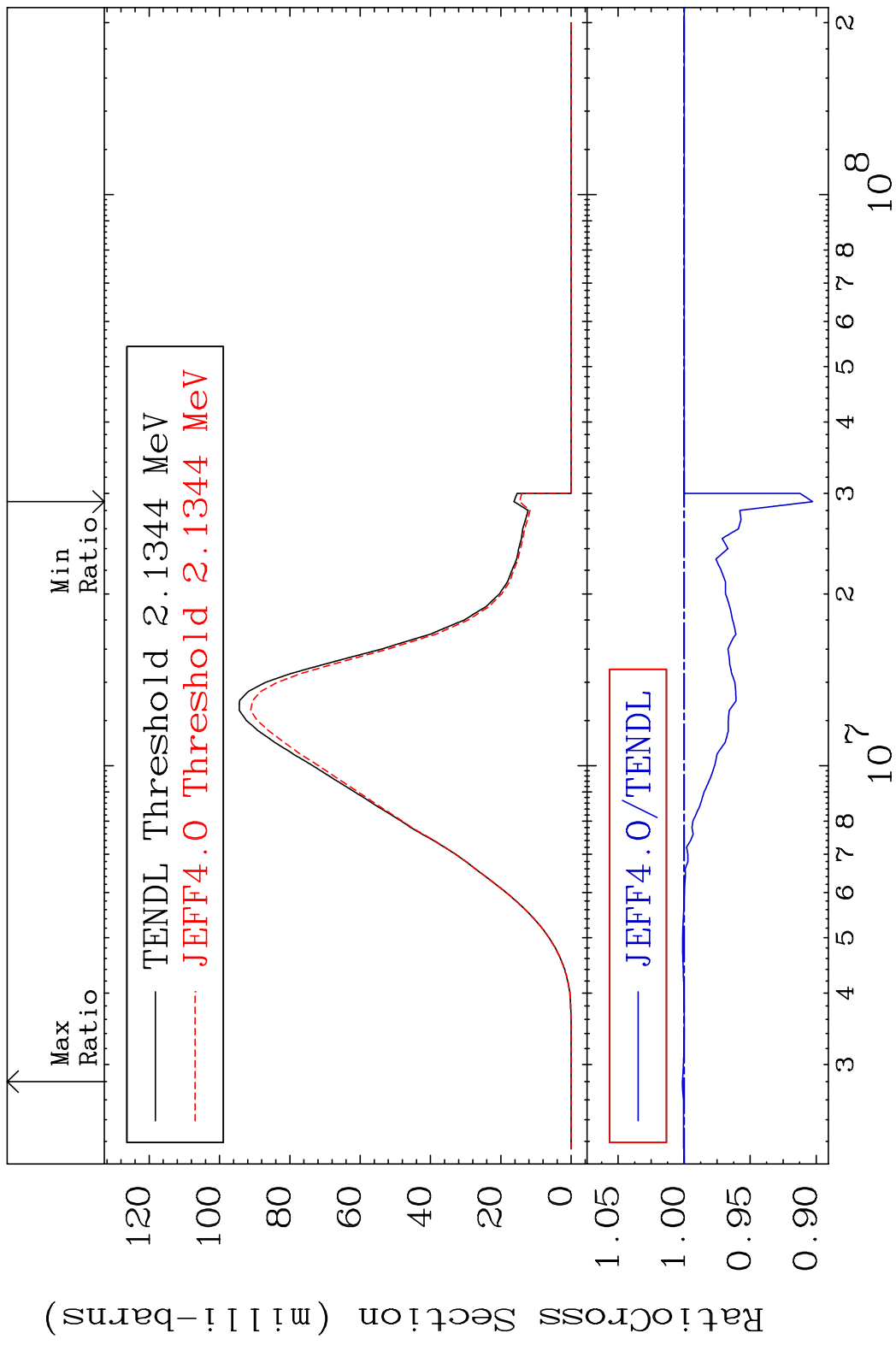


MAT 2831 (n,p):27-Co-60g 28-Ni-60  
 Radionuclide Production Cross Section 5.827 %

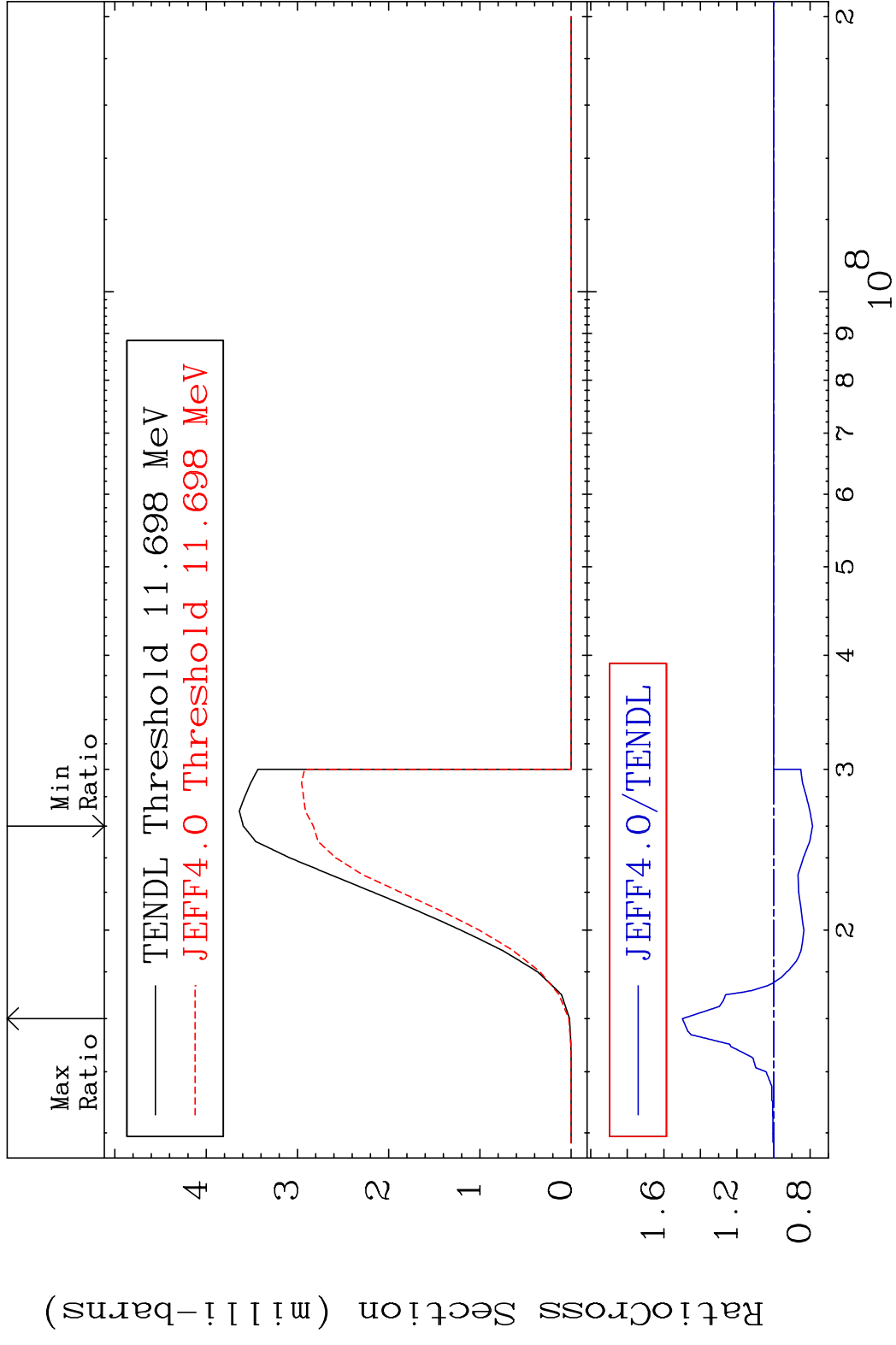


80 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,p):27-Co-60m1 28-Ni-60  
 Radionuclide Production Cross Section 95.281 dth 0.135 %



MAT 2831 (n, t): 27-Co-58g 28-Ni-60  
 Radionuclide Production Cross Section 49.88 %



MAT 2831 (n,t):27-Co-58m1 28-Ni-60  
 Radionuclide Production Cross Section 6.264 %

