

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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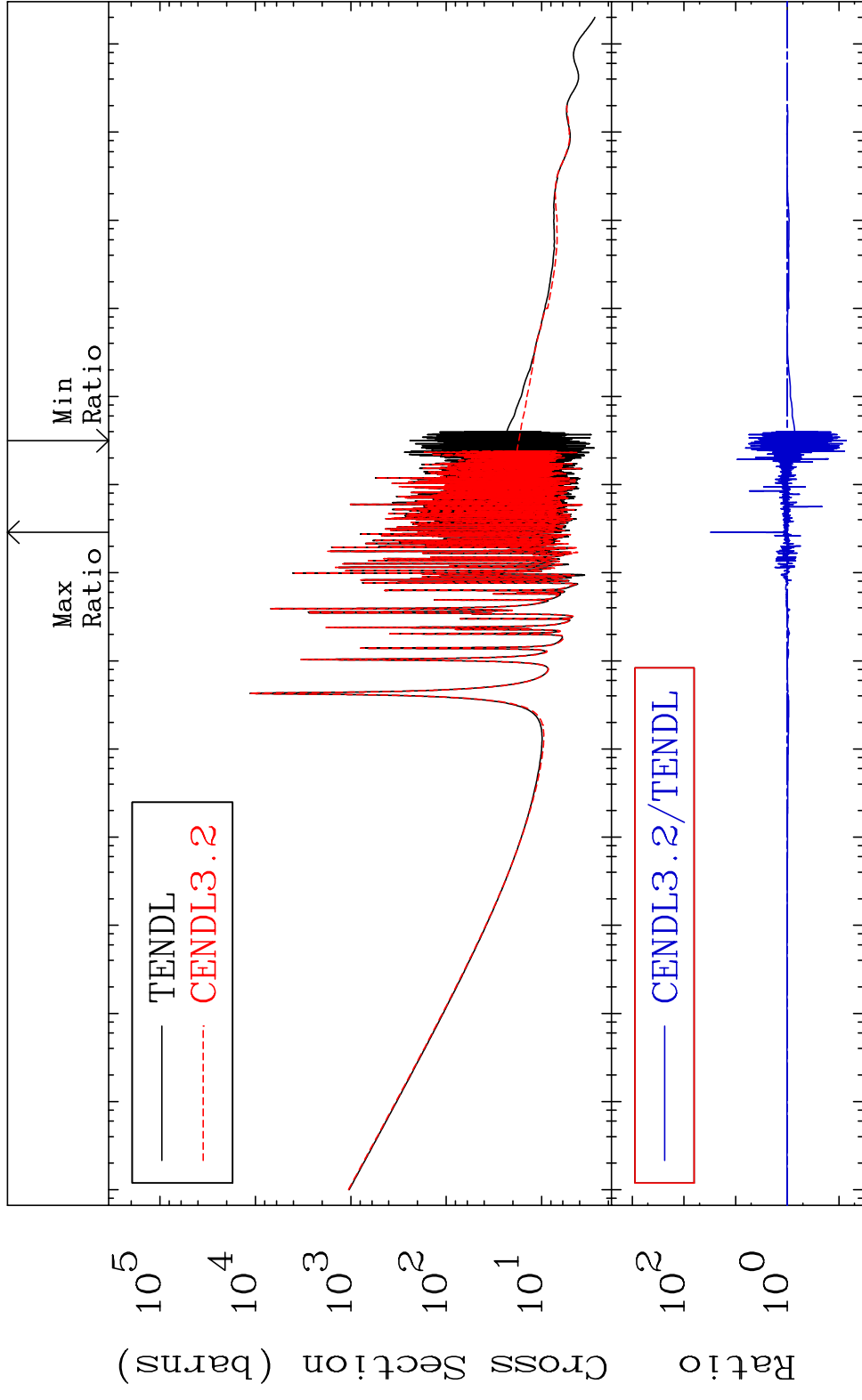
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7328

Total Cross Section -92.78 To 2936. %  
73-Ta-181



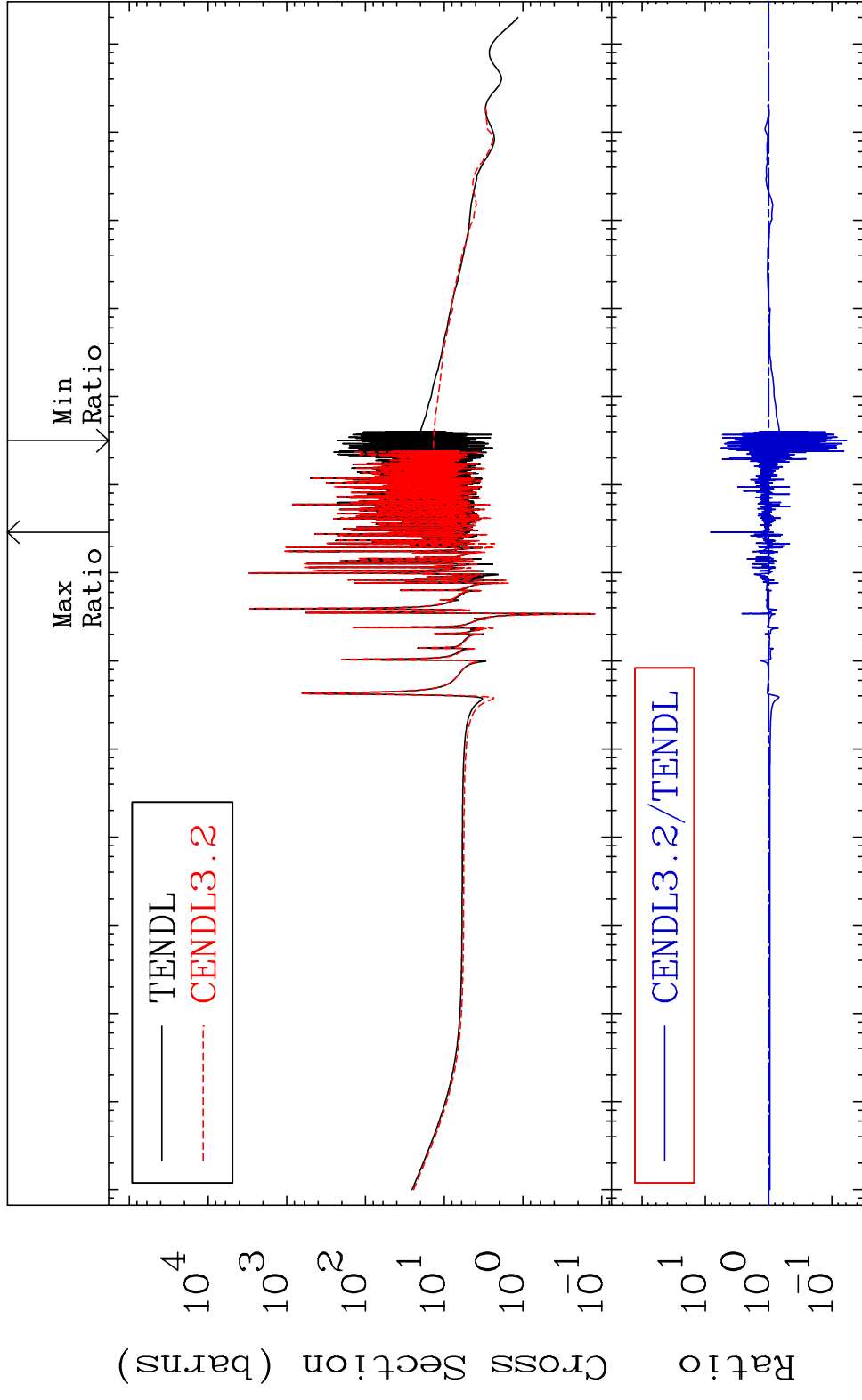
1

Incident Energy (eV)

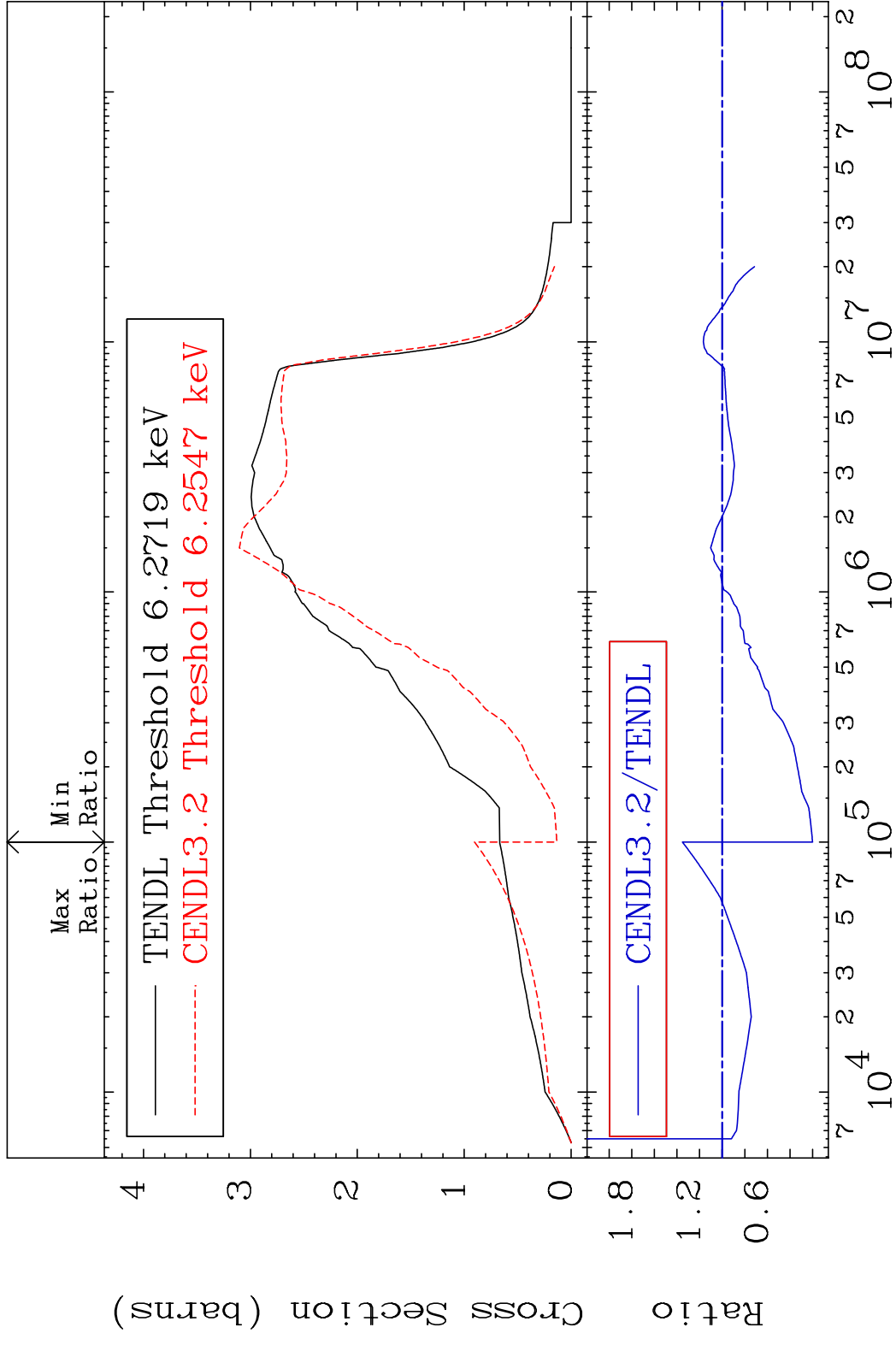
73-Ta-181

MAT 7328

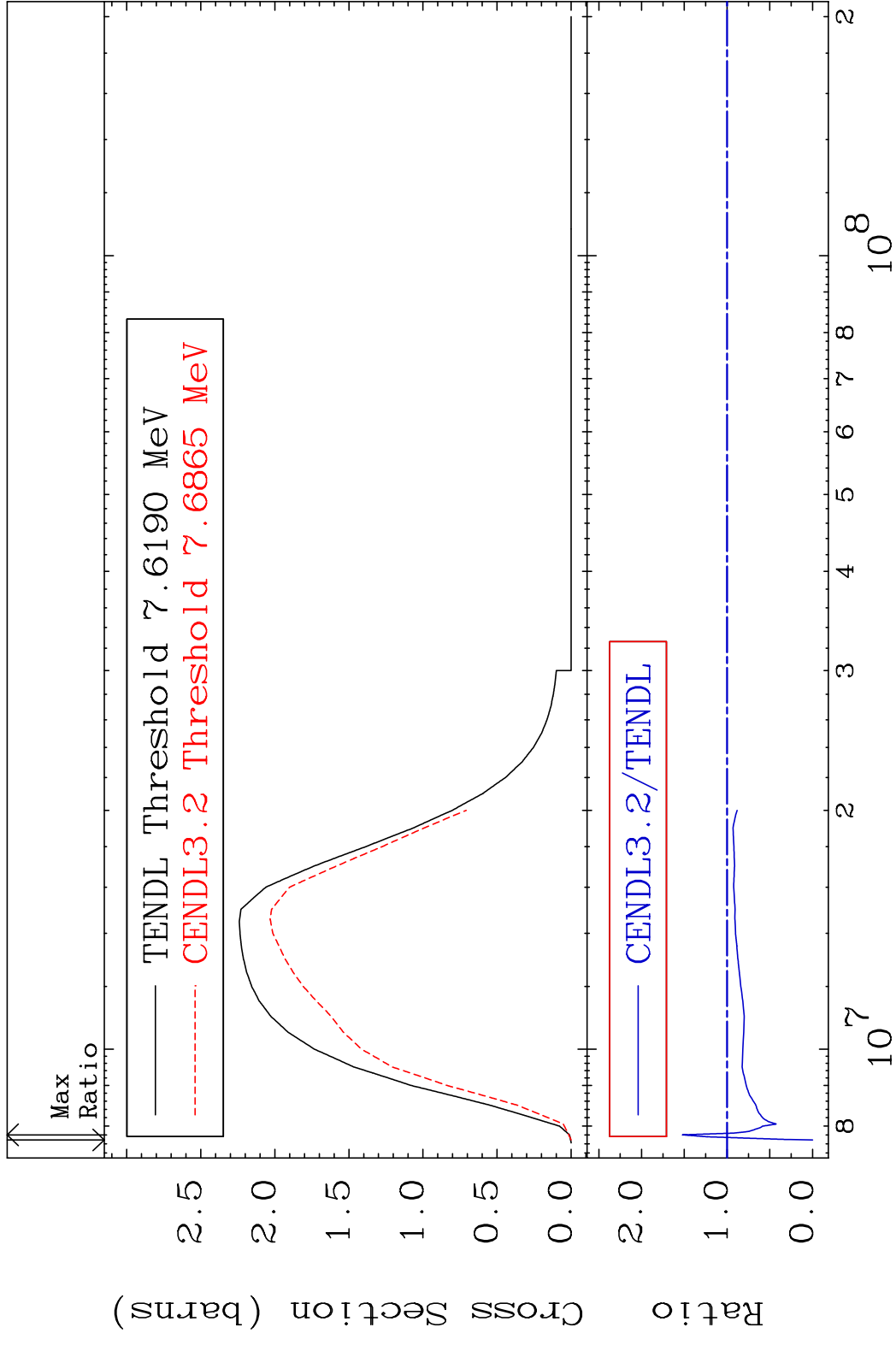
Elastic Cross Section -94.07 To 722.0 %  
73-Ta-181



MAT 7328 Inelastic Cross Section 73-Ta-181  
 -79.92 To 35.22 %



MAT 7328 (n,2n) 73-Ta-181  
 Cross Section -100.0 To 52.30 %



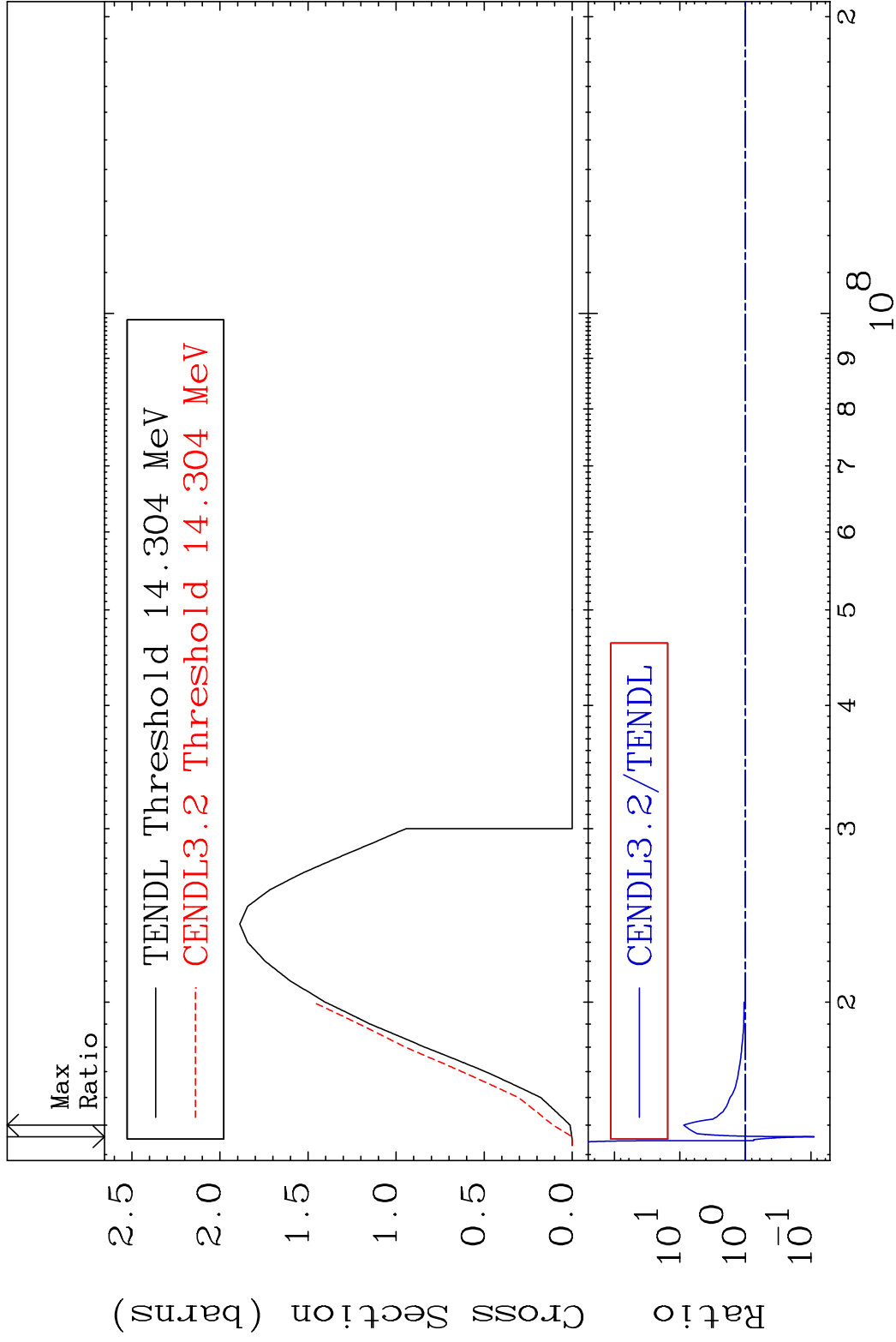
4 Incident Energy (eV) 73-Ta-181

MAT 7328

(n,3n)

73-Ta-181

Cross Section -91.08 To 774.8 %

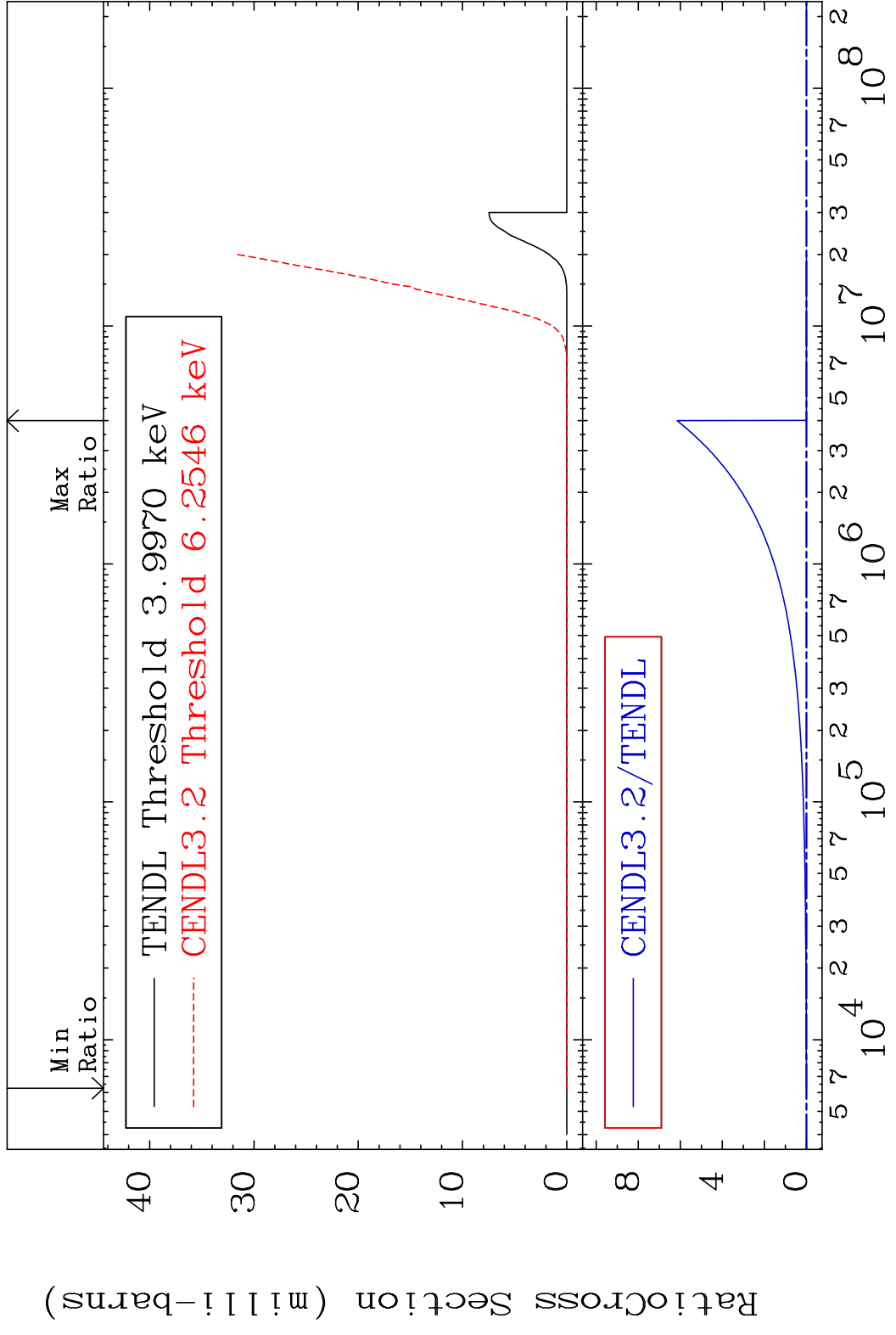


5

Incident Energy (eV)

73-Ta-181

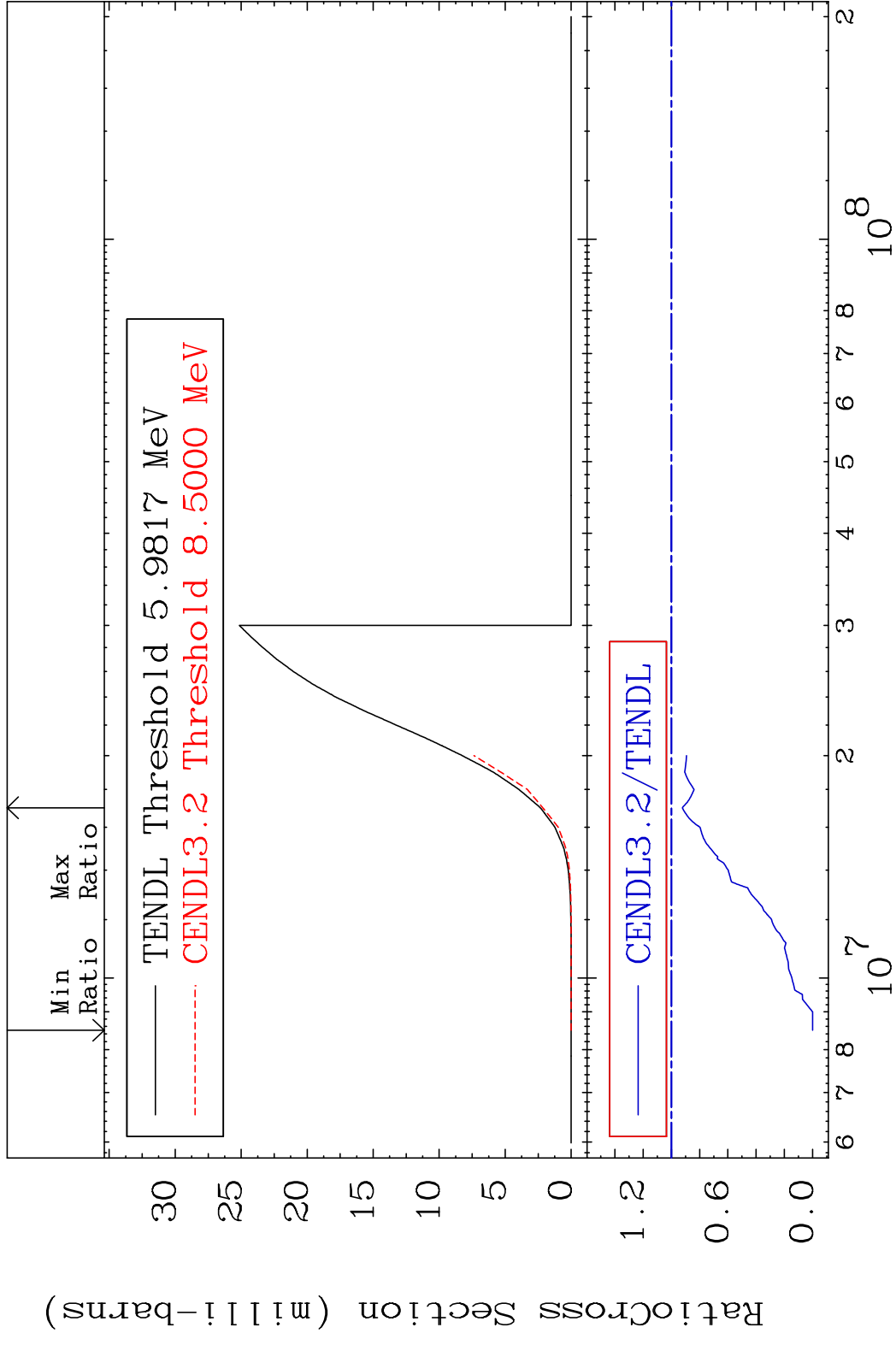
MAT 7328 (n, n')  $\alpha$  73-Ta-181  
 Cross Section -100.0 To 9999. %



MAT 7328

(n, n') p 73-Ta-181

Cross Section -100.0 To -7.752%

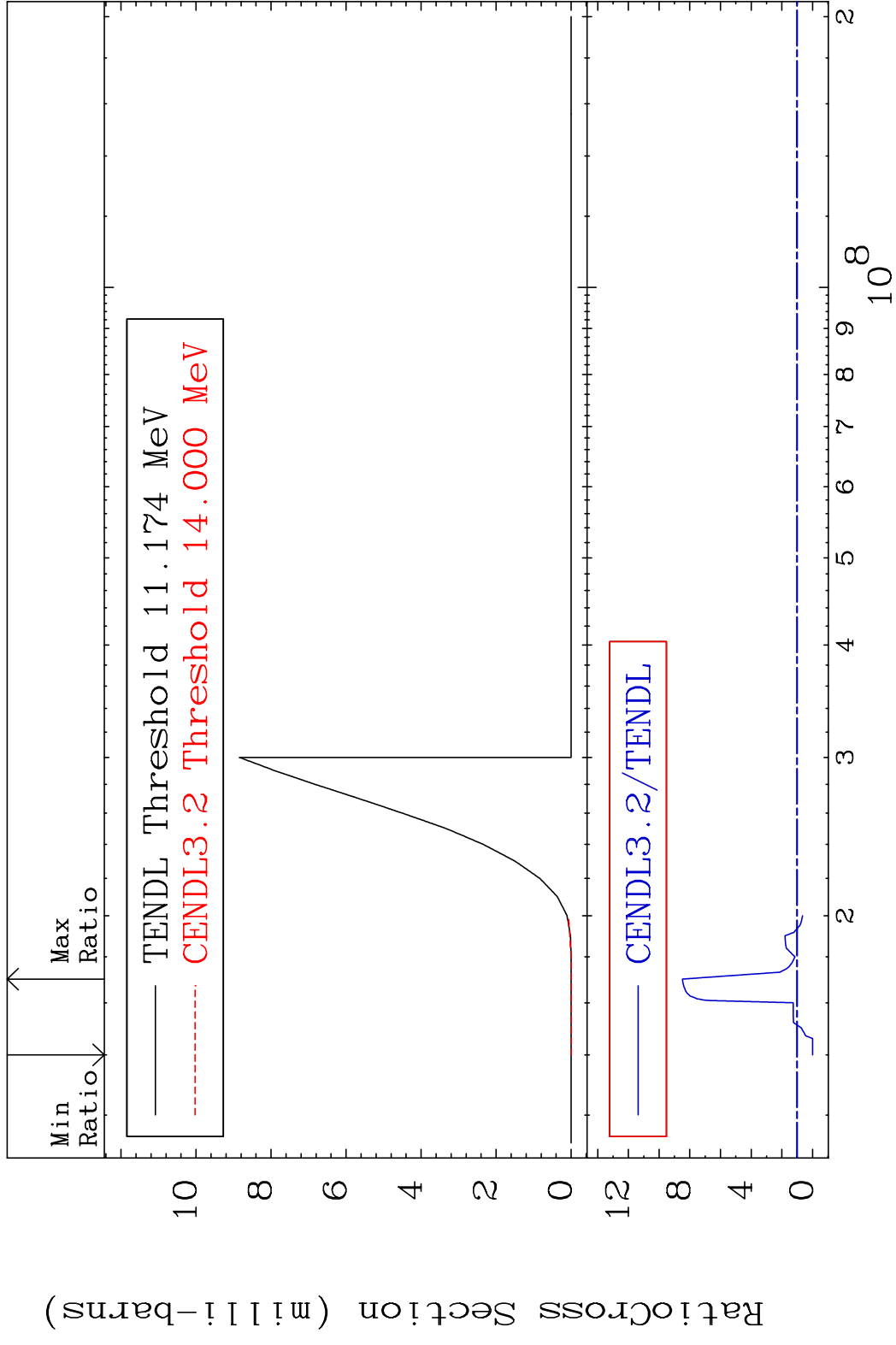


7

Incident Energy (eV)

73-Ta-181

MAT 7328 (n, n') d 73-Ta-181  
 Cross Section -100.0 To 748.4 %

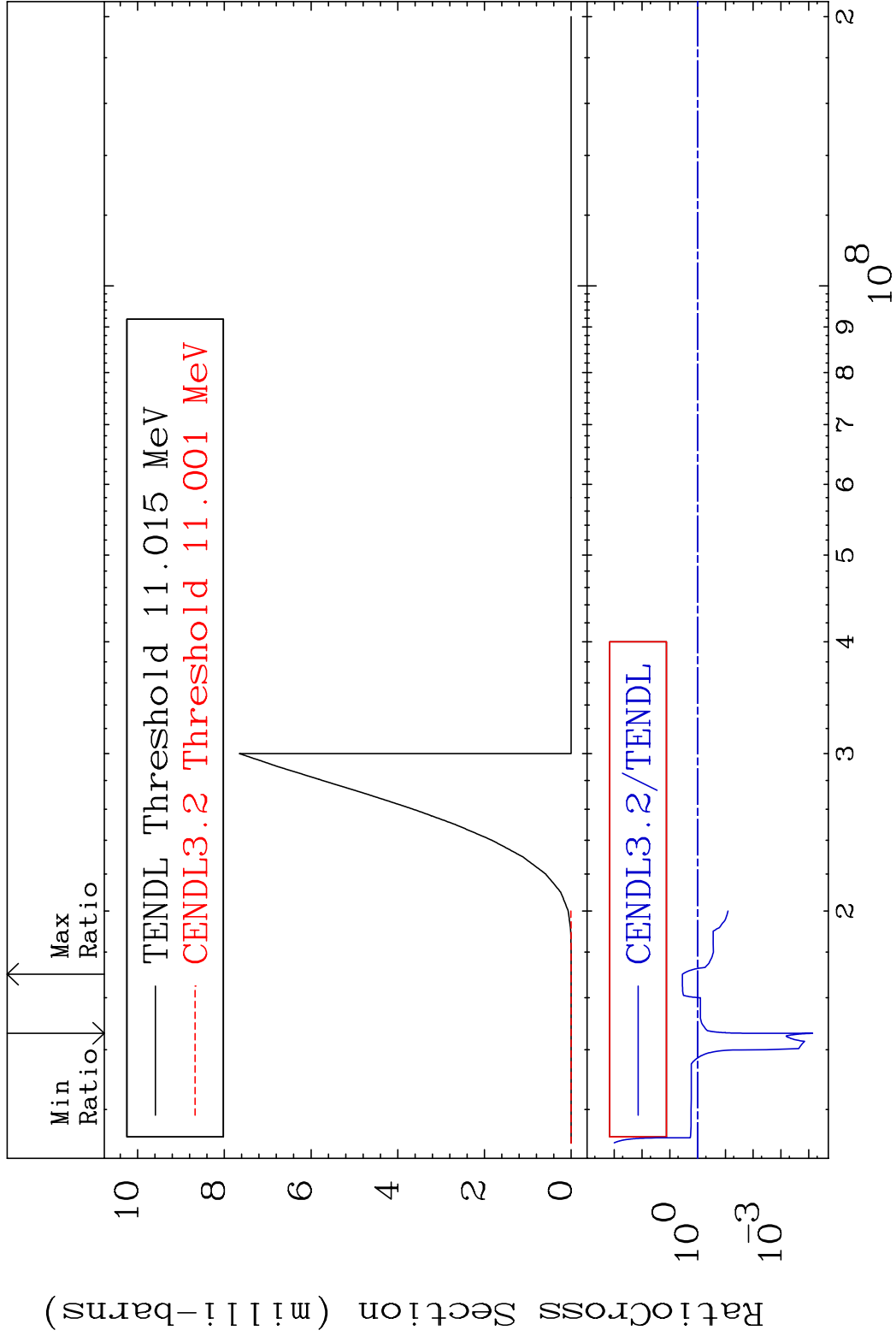


MAT 7328

(n, n') t

73-Ta-181

Cross Section -99.99 To 253.4 %

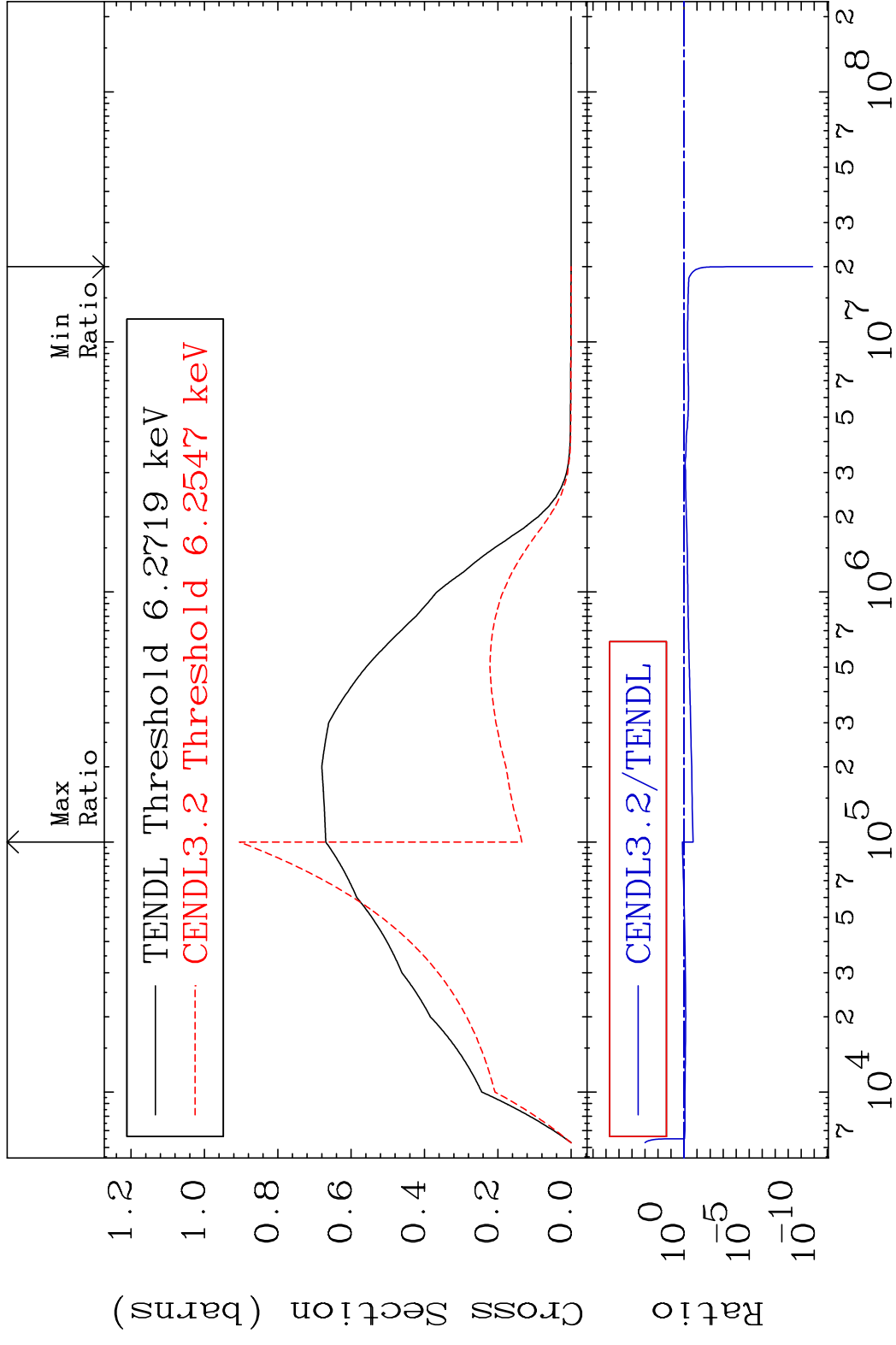


9

Incident Energy (eV)

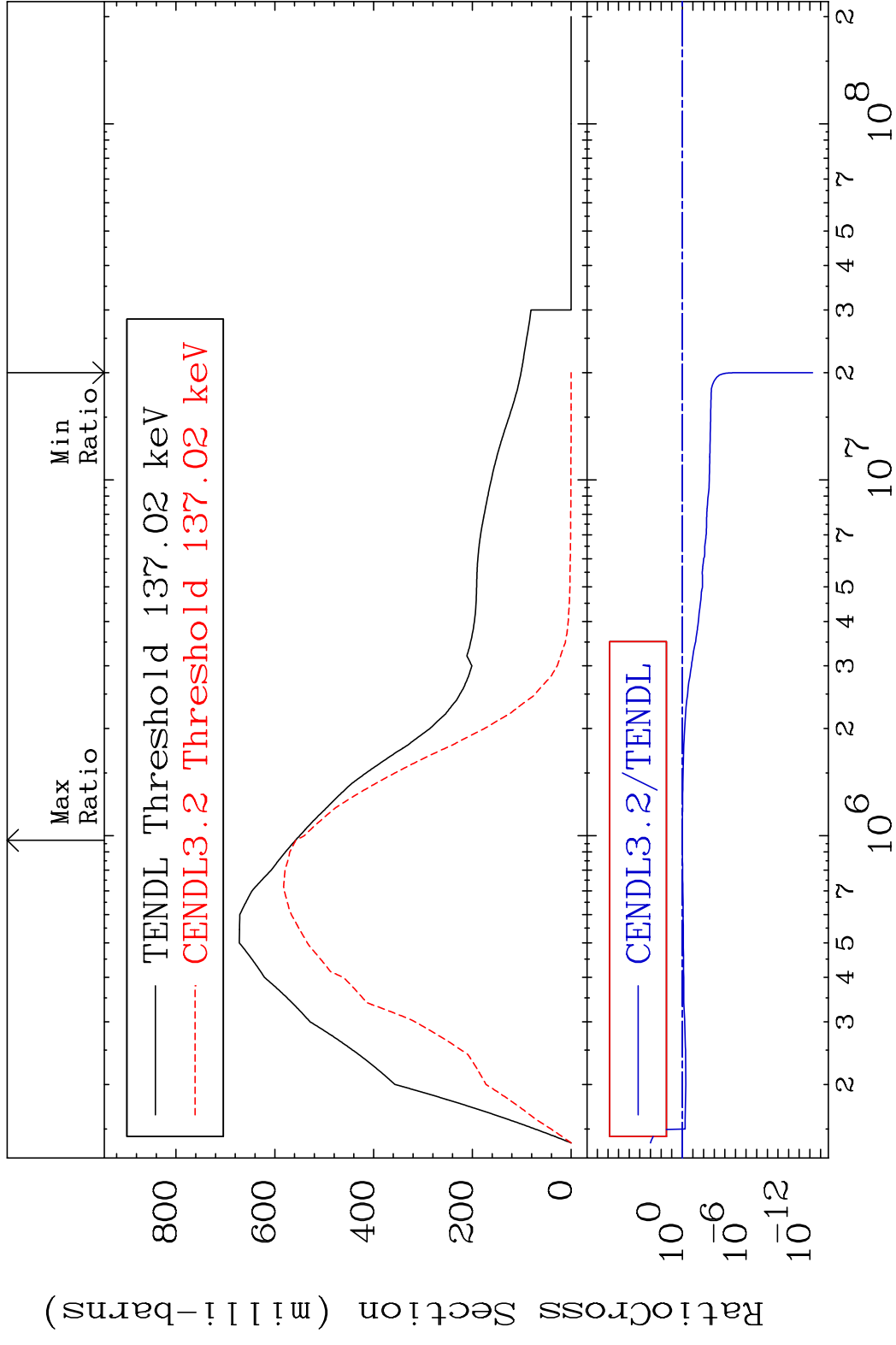
73-Ta-181

MAT 7328 MT= 51 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 35.22 %

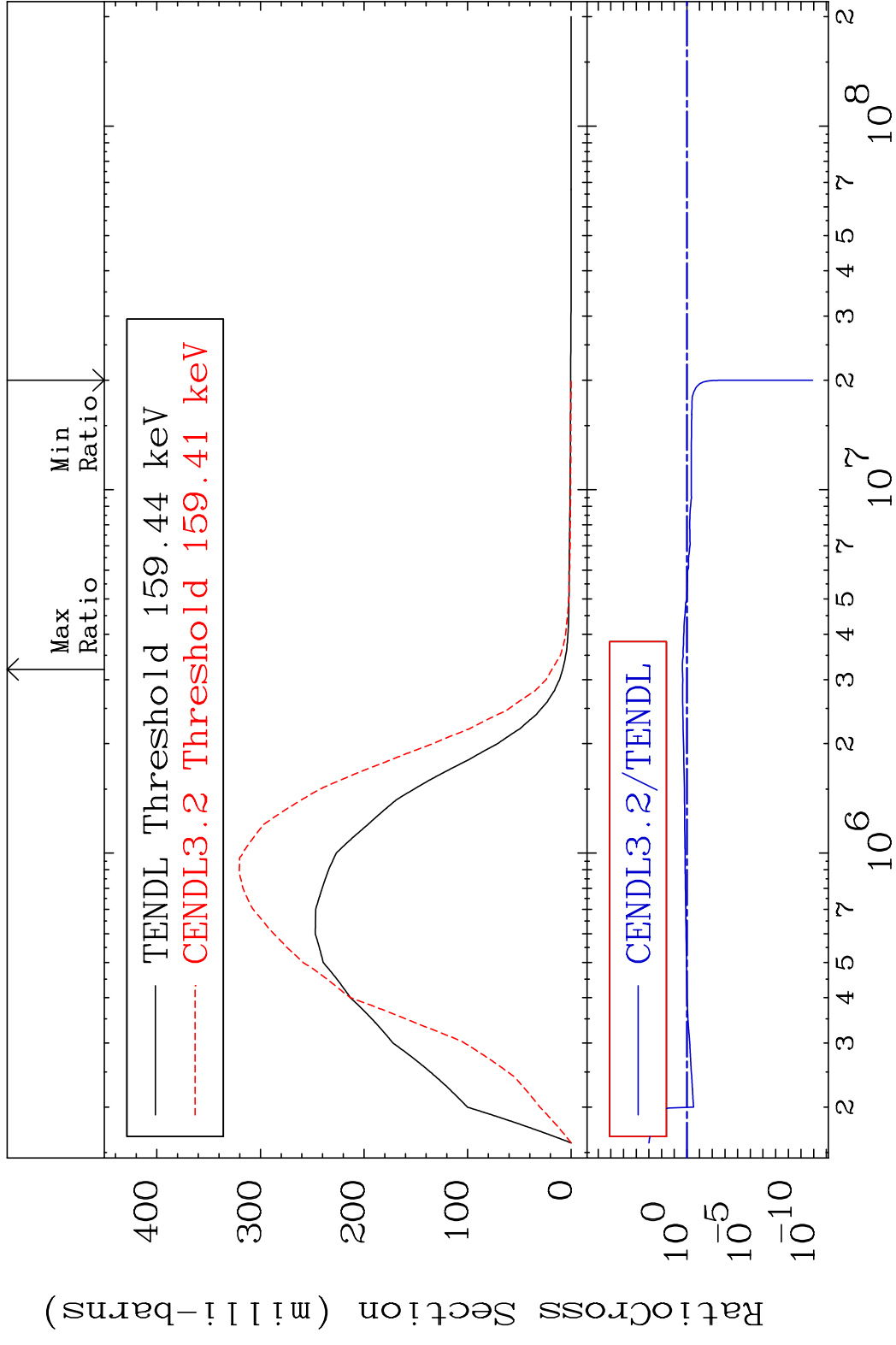


10 Incident Energy (eV) 73-Ta-181

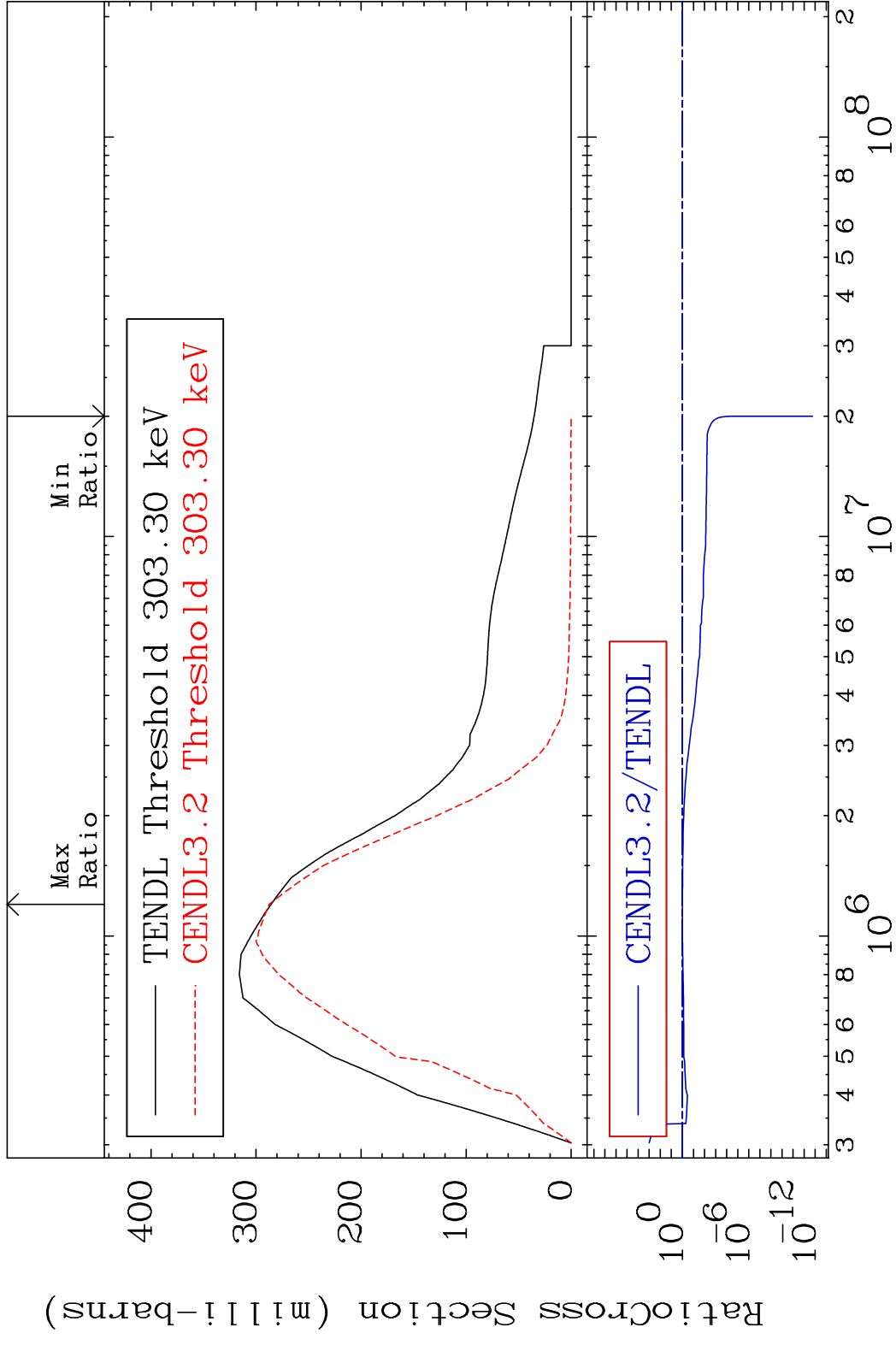
MAT 7328 MT= 52 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To -0.131%



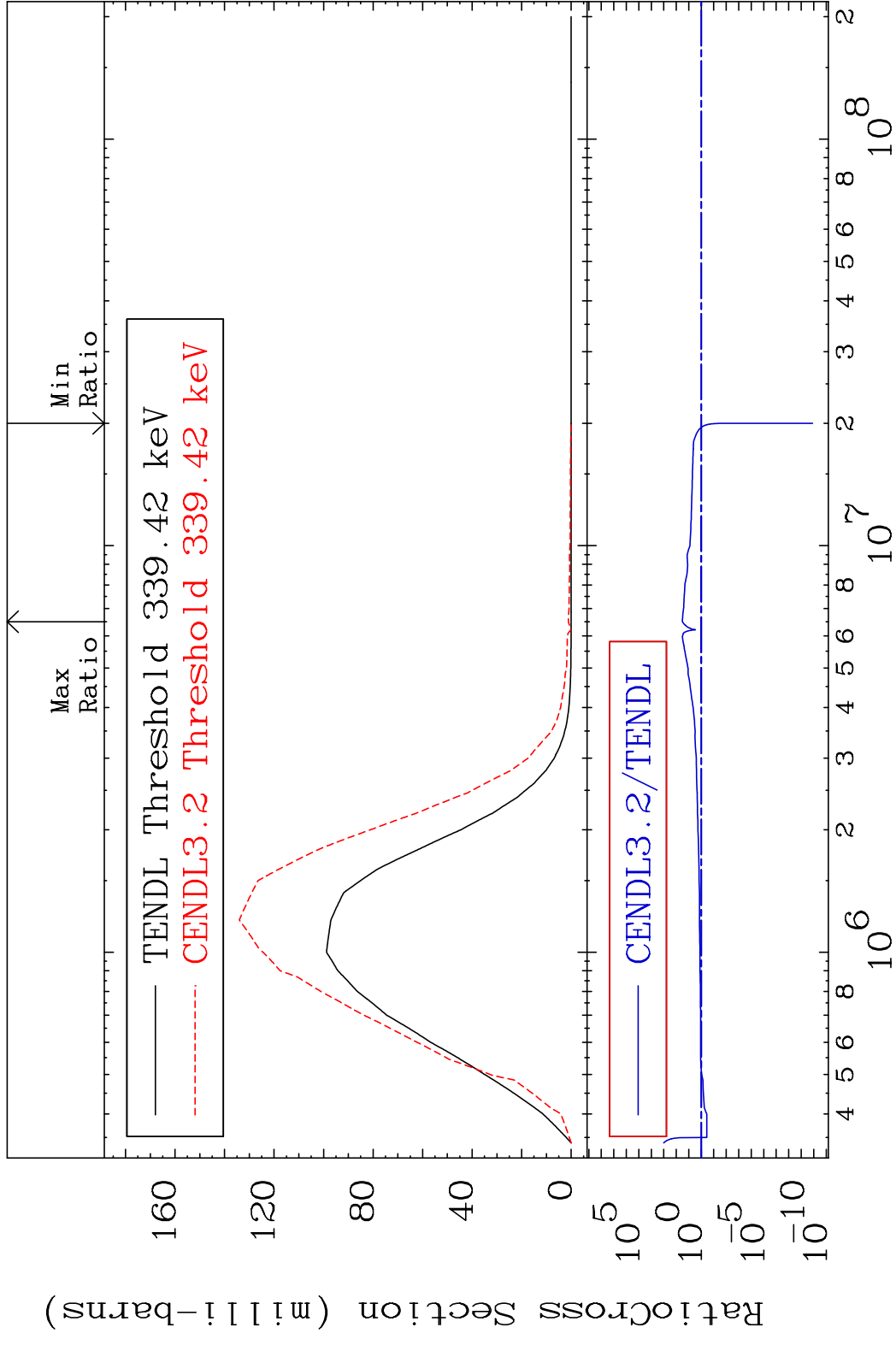
MAT 7328 MT= 53 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 129.4 %



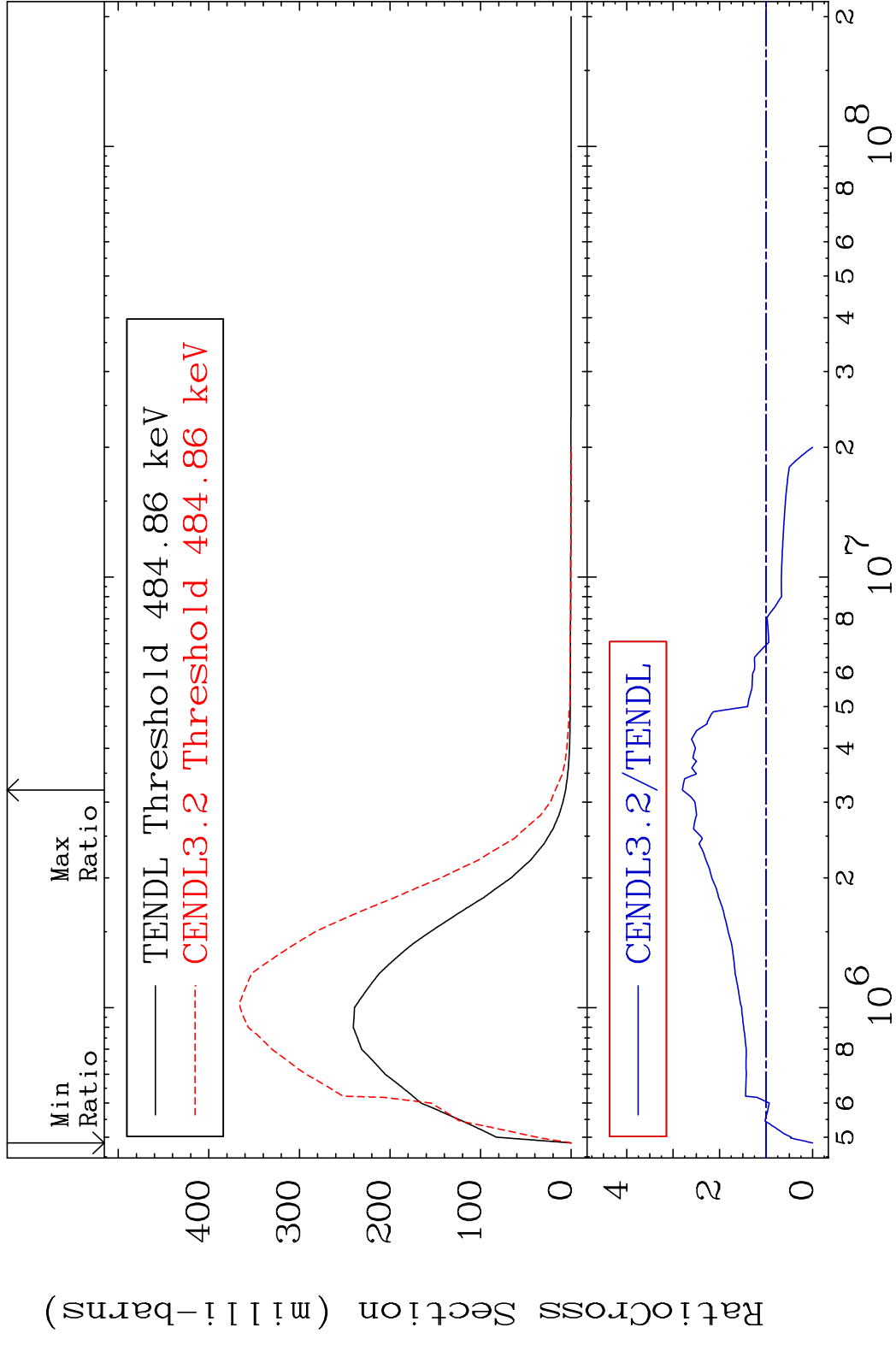
MAT 7328 MT= 54 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 0.628 %



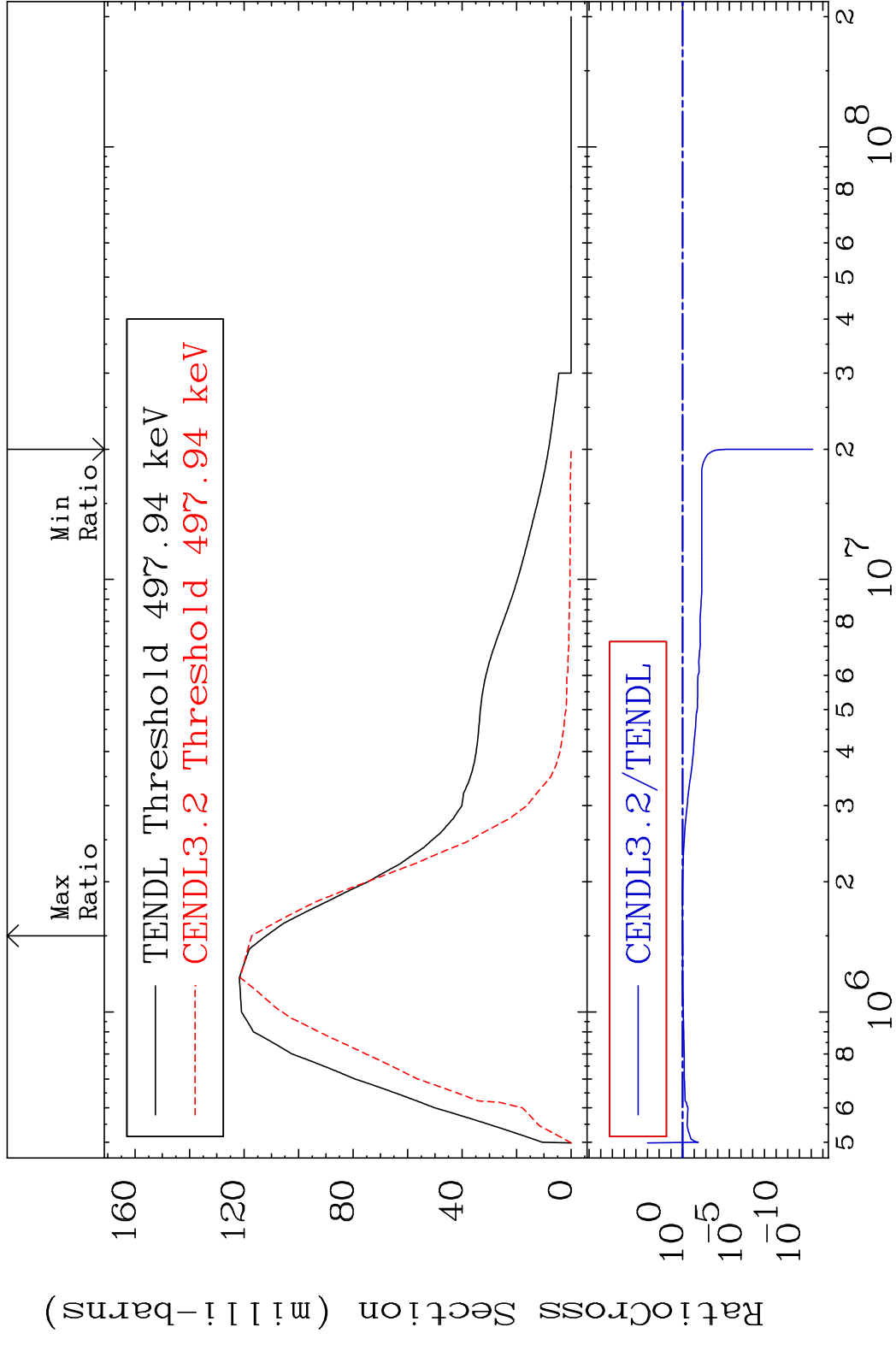
MAT 7328 MT= 55 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 3147. %



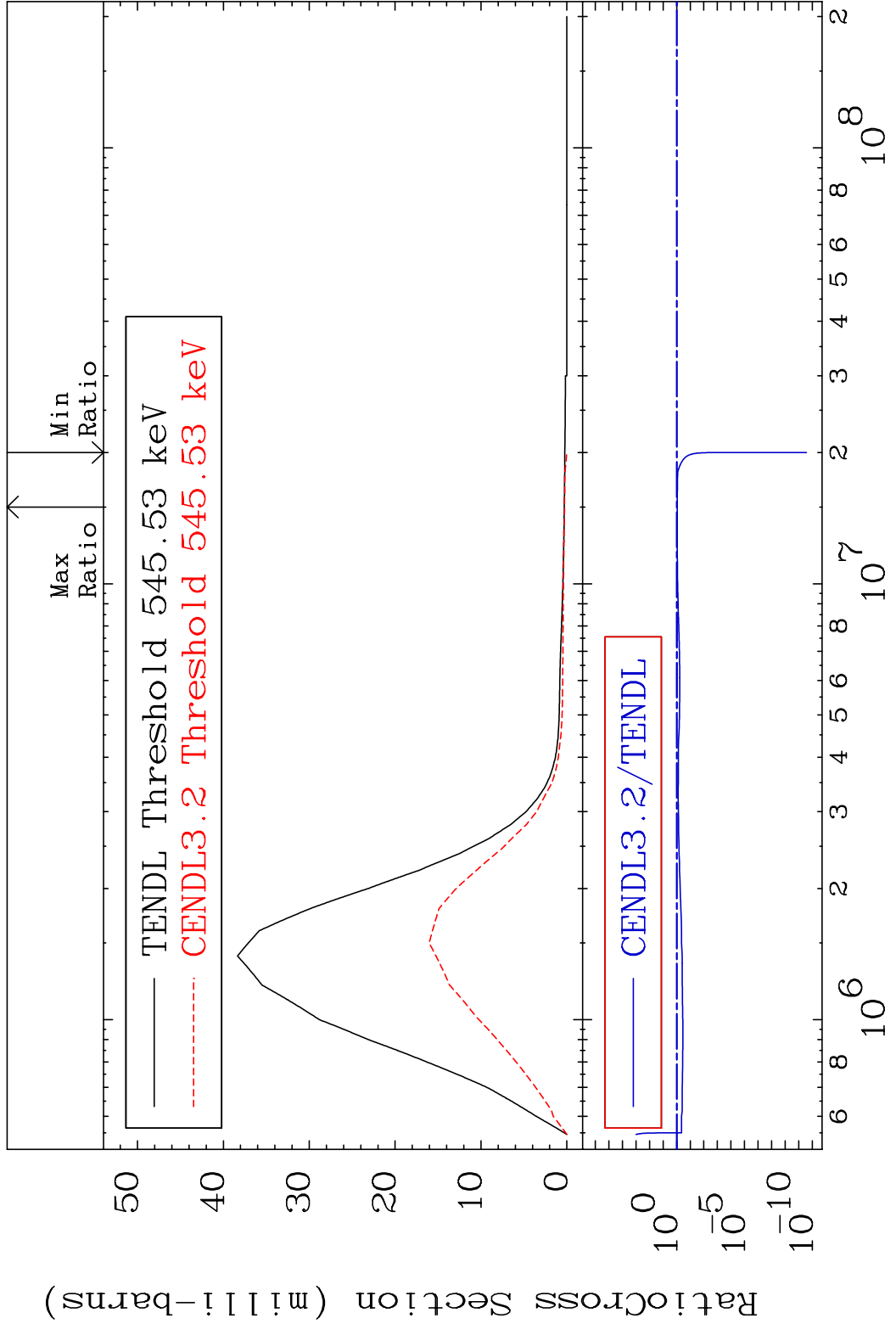
MAT 7328 MT= 56 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 180.1 %



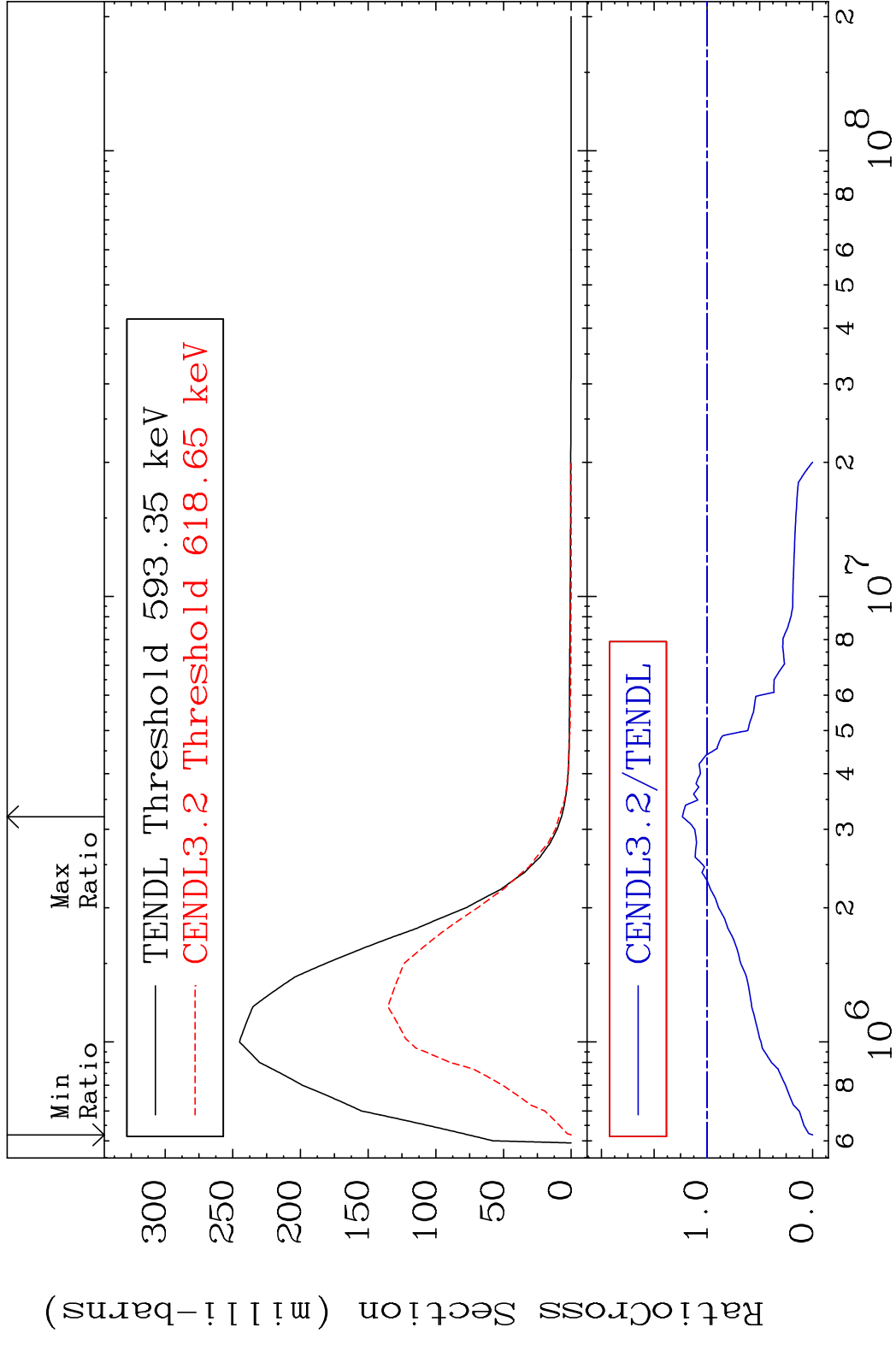
MAT 7328 MT= 57 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 4.789 %



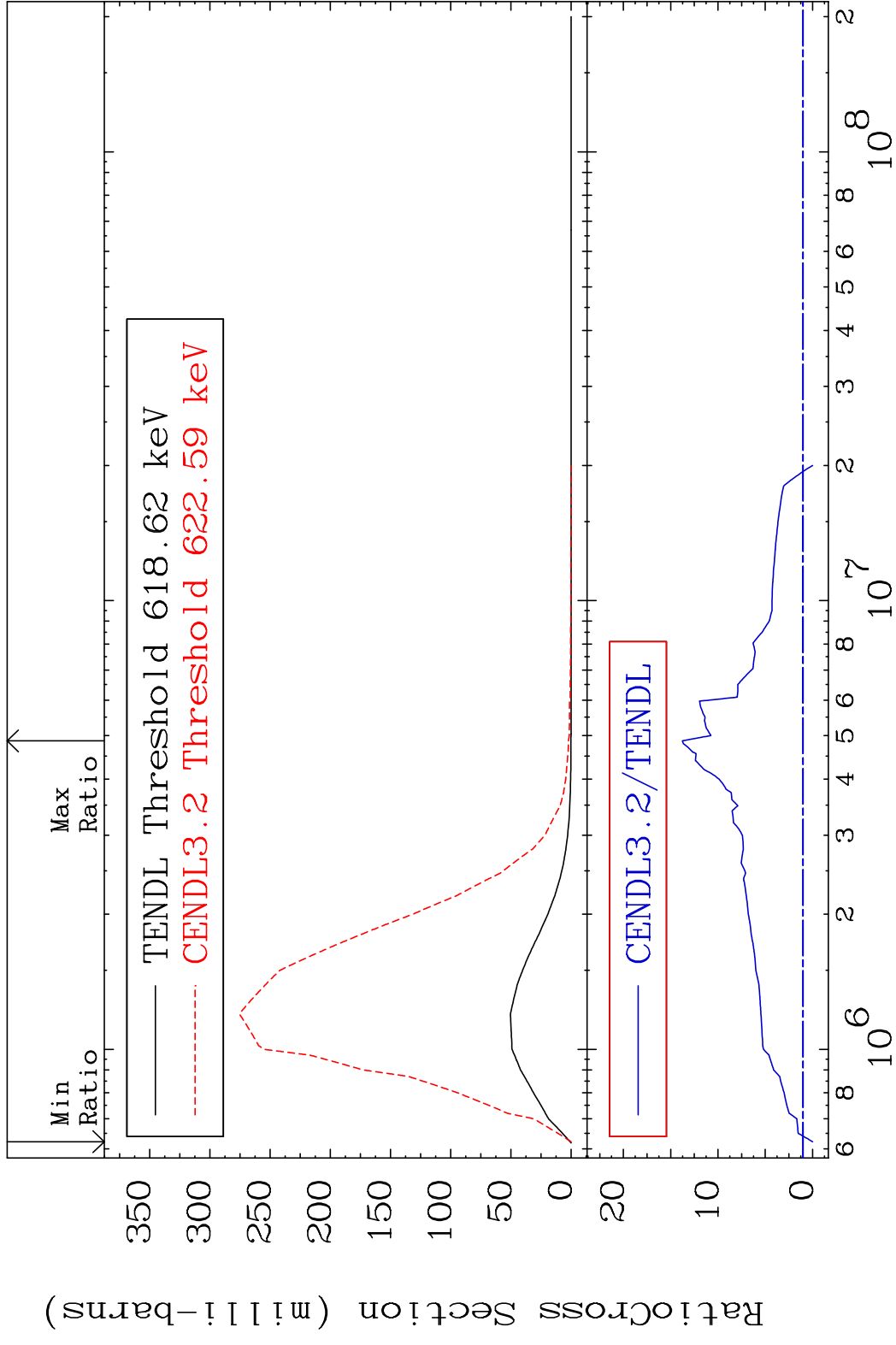
MAT 7328 MT= 58 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To -8.189%



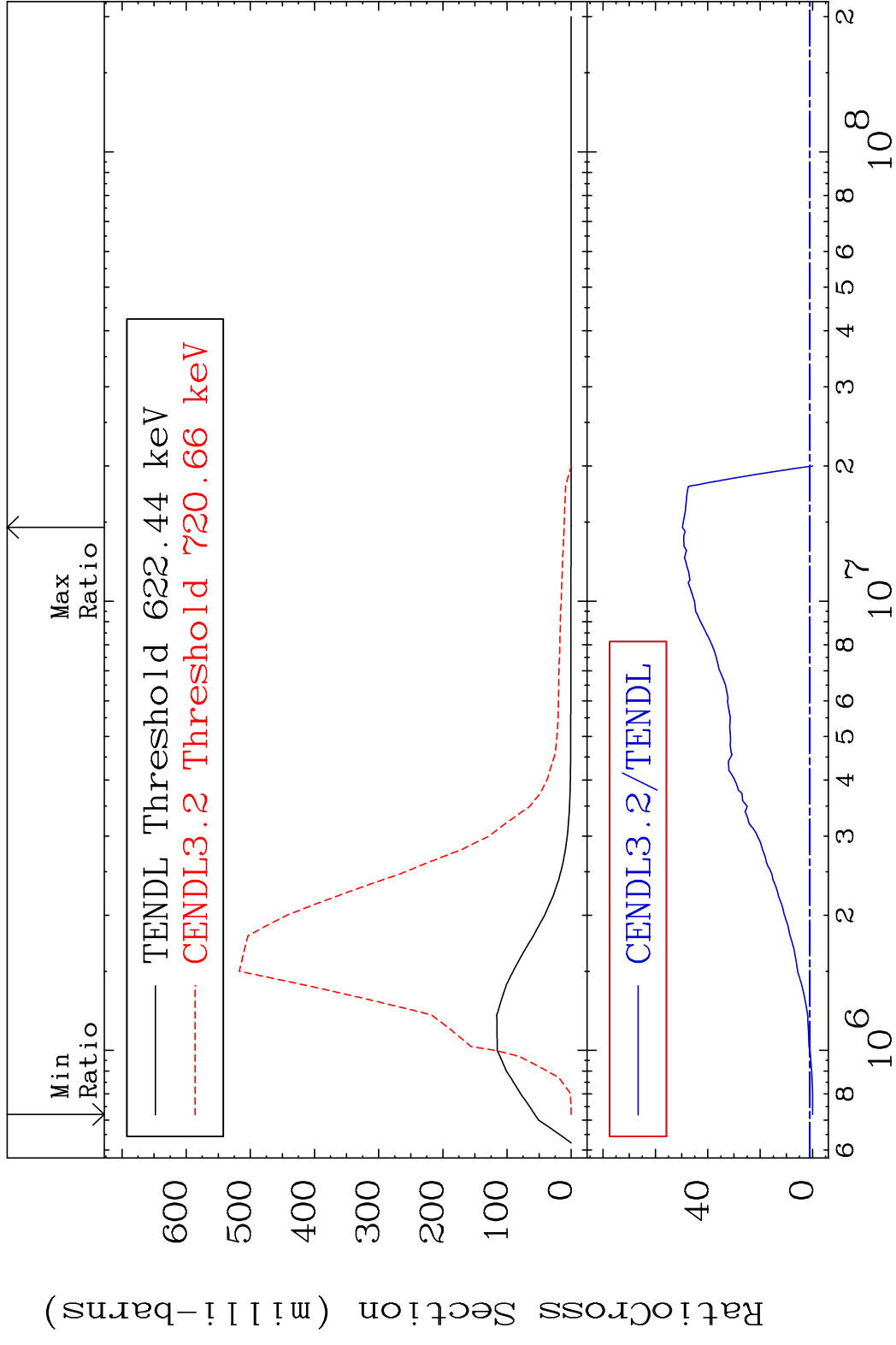
MAT 7328 MT= 59 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 23.31 %



MAT 7328 MT= 60 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 1277. %

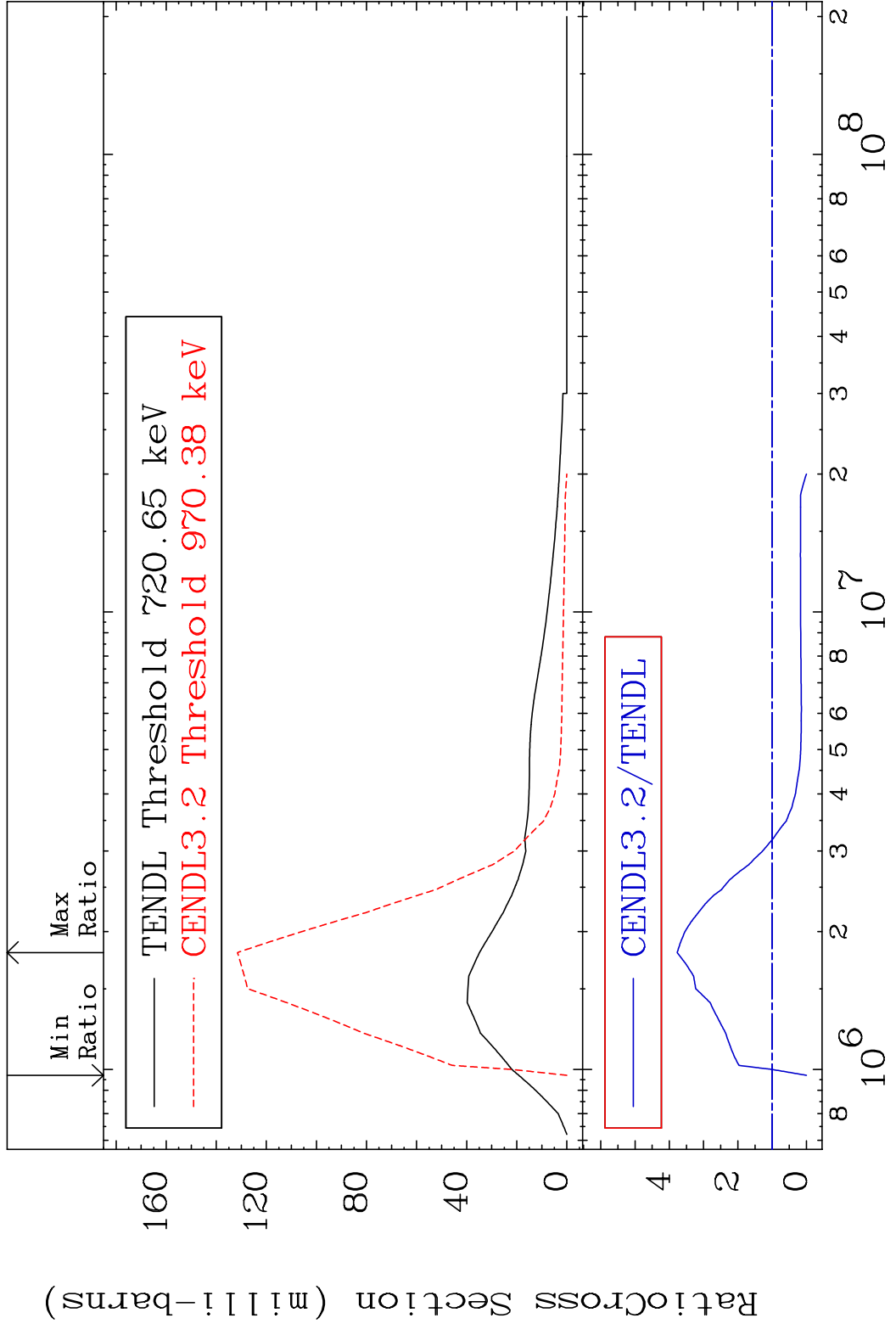


MAT 7328 MT= 61 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 4871. %



20 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 62 (n, n') Level 73-Ta-181  
 Cross Section -100.0 To 277.0 %

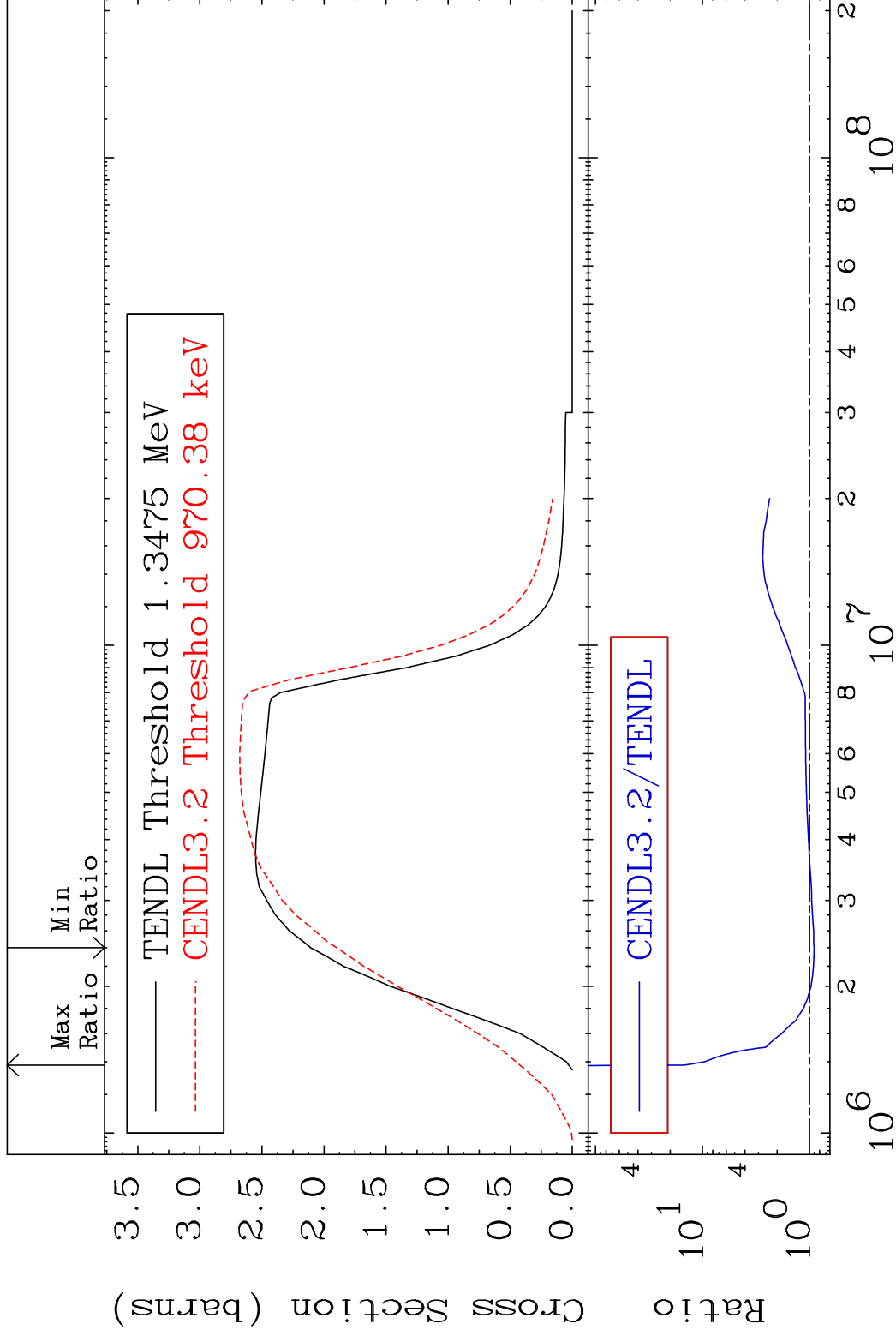


MAT 7328

(n, n') Continuum

73-Ta-181

Cross Section -9.868 To 1398. %



22

Incident Energy (eV)

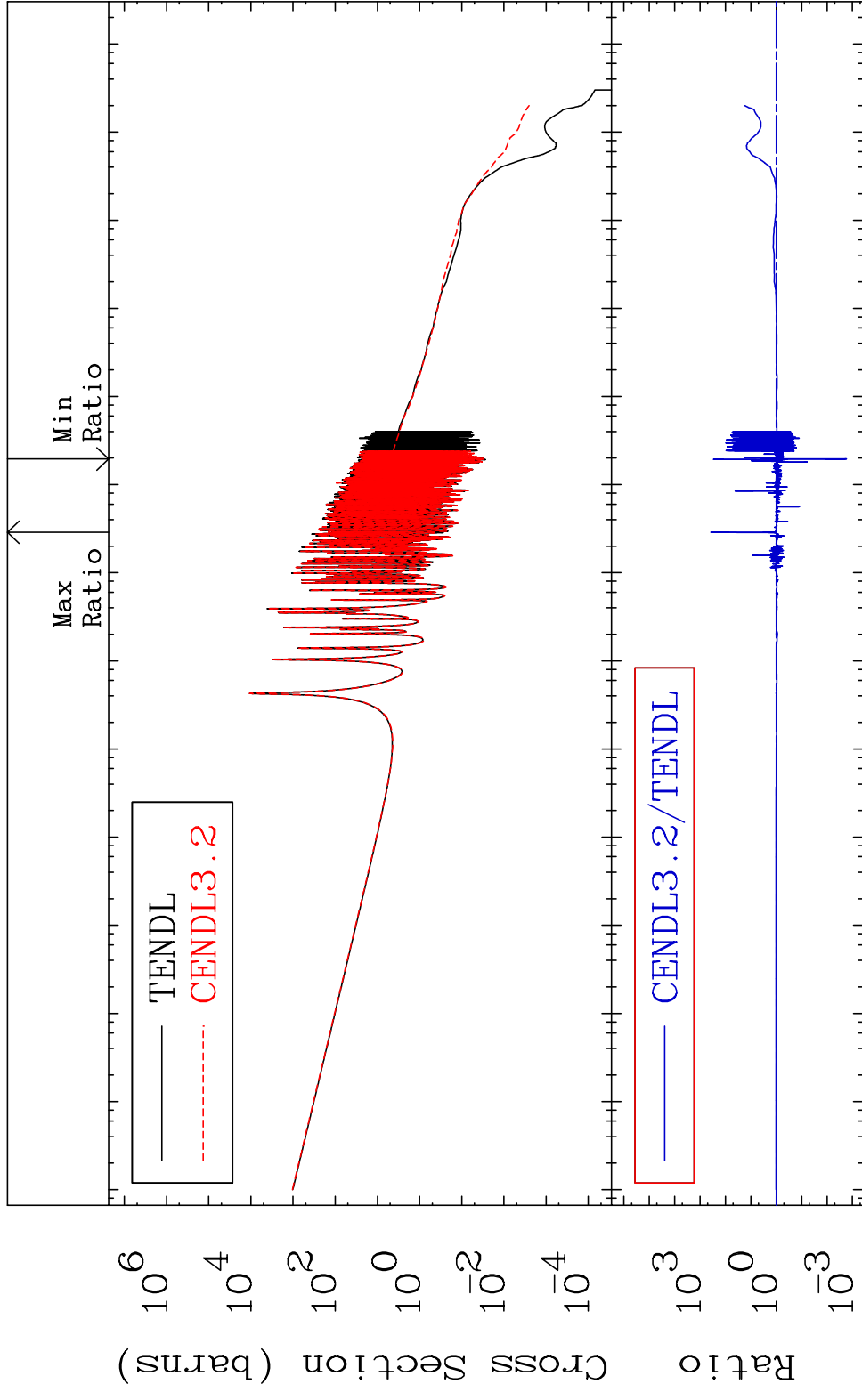
73-Ta-181

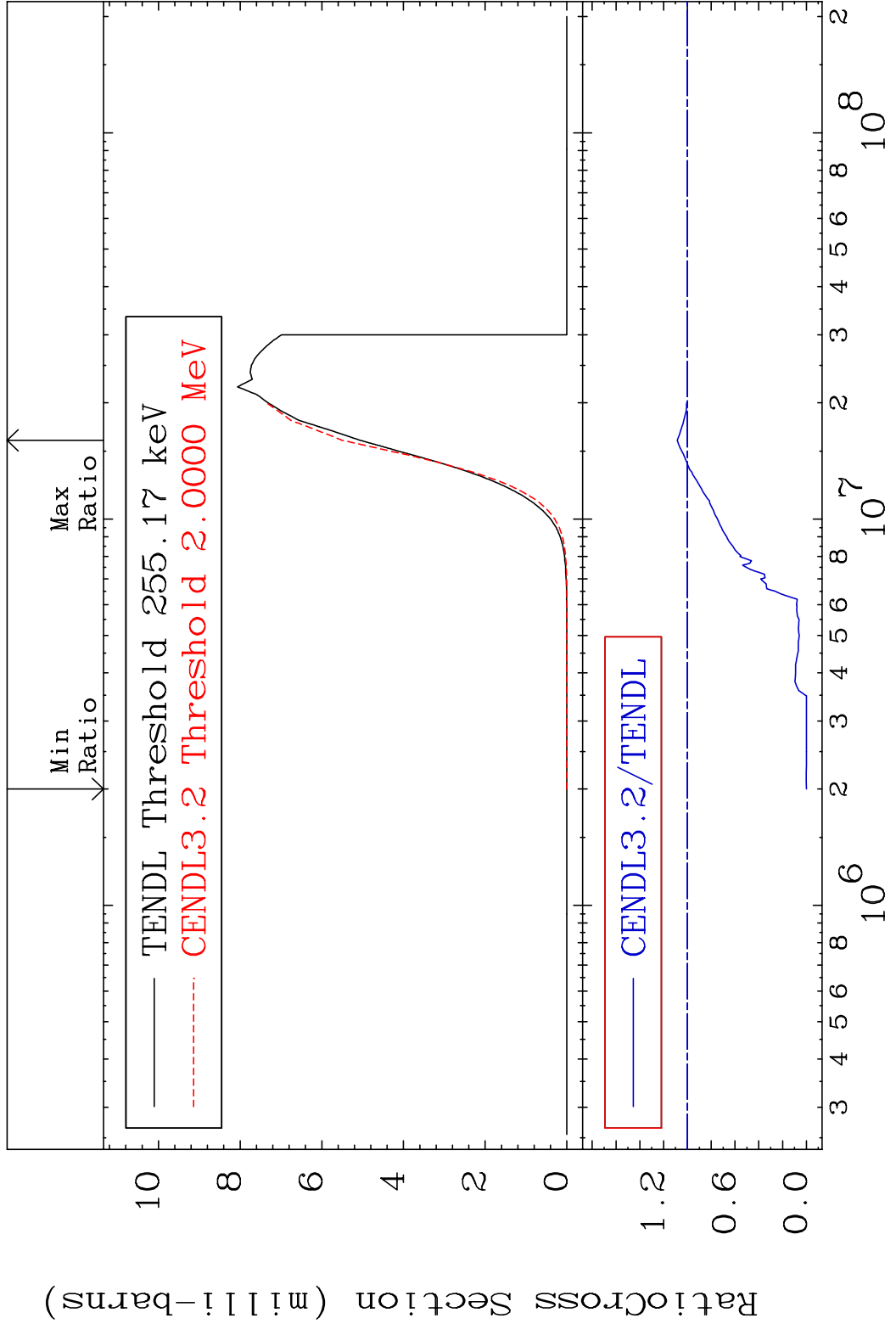
MAT 7328

73-Ta-181

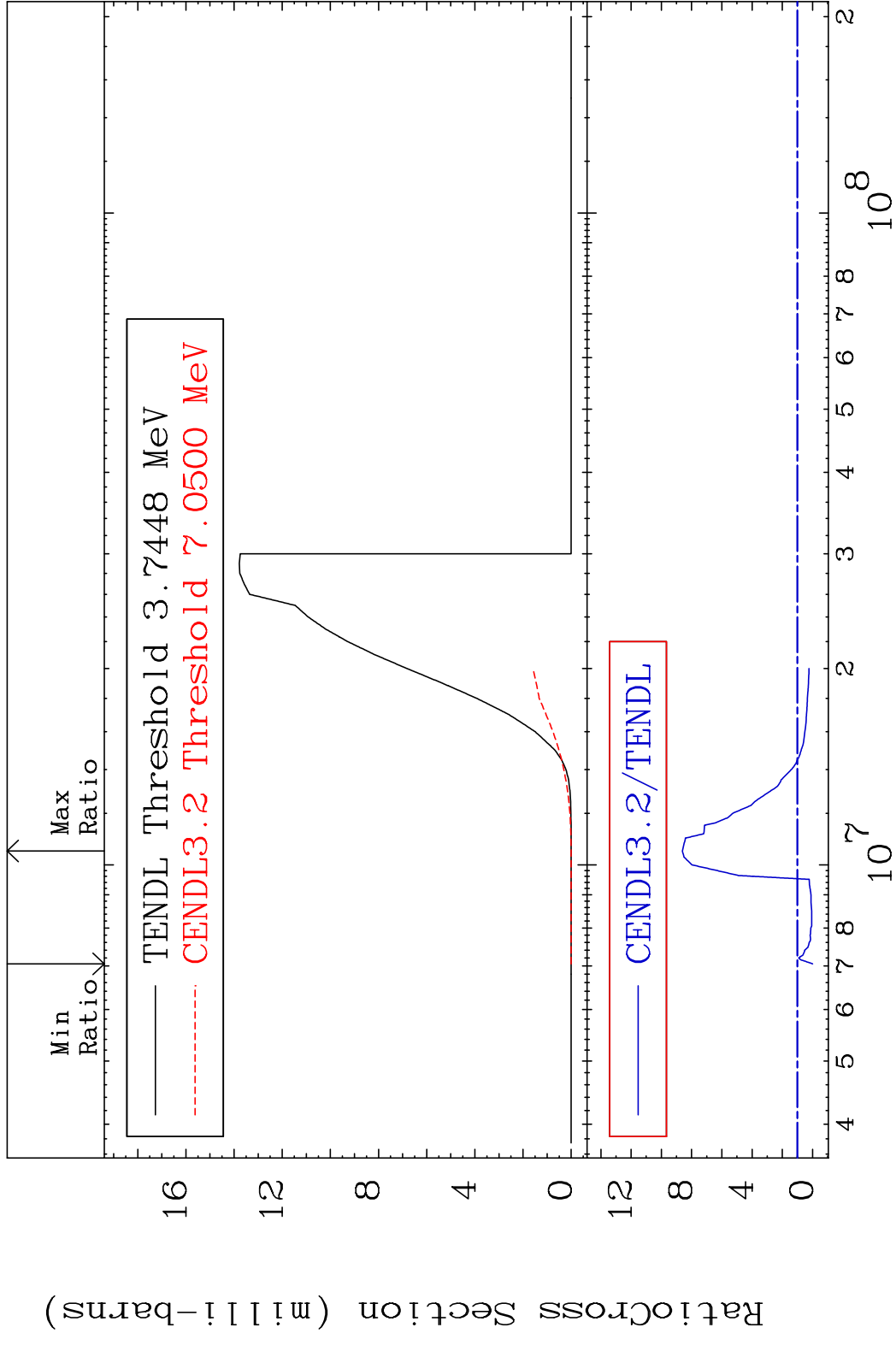
(n,  $\gamma$ )

Cross Section -99.83 To 9999. %





MAT 7328 (n,d) 73-Ta-181  
 Cross Section -100.0 To 761.1 %

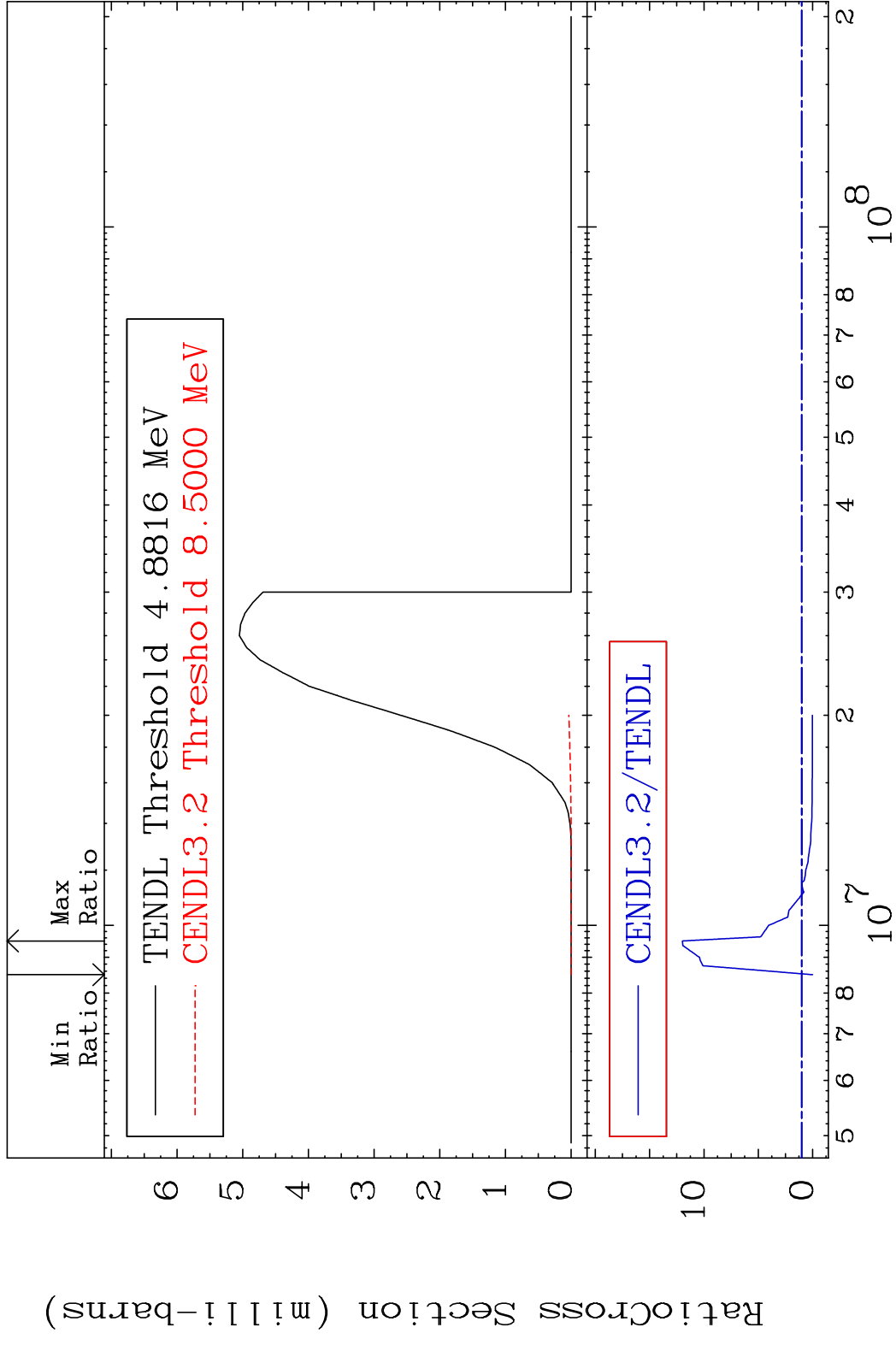


MAT 7328

(n, t)

73-Ta-181

Cross Section -100.0 To 1099. %

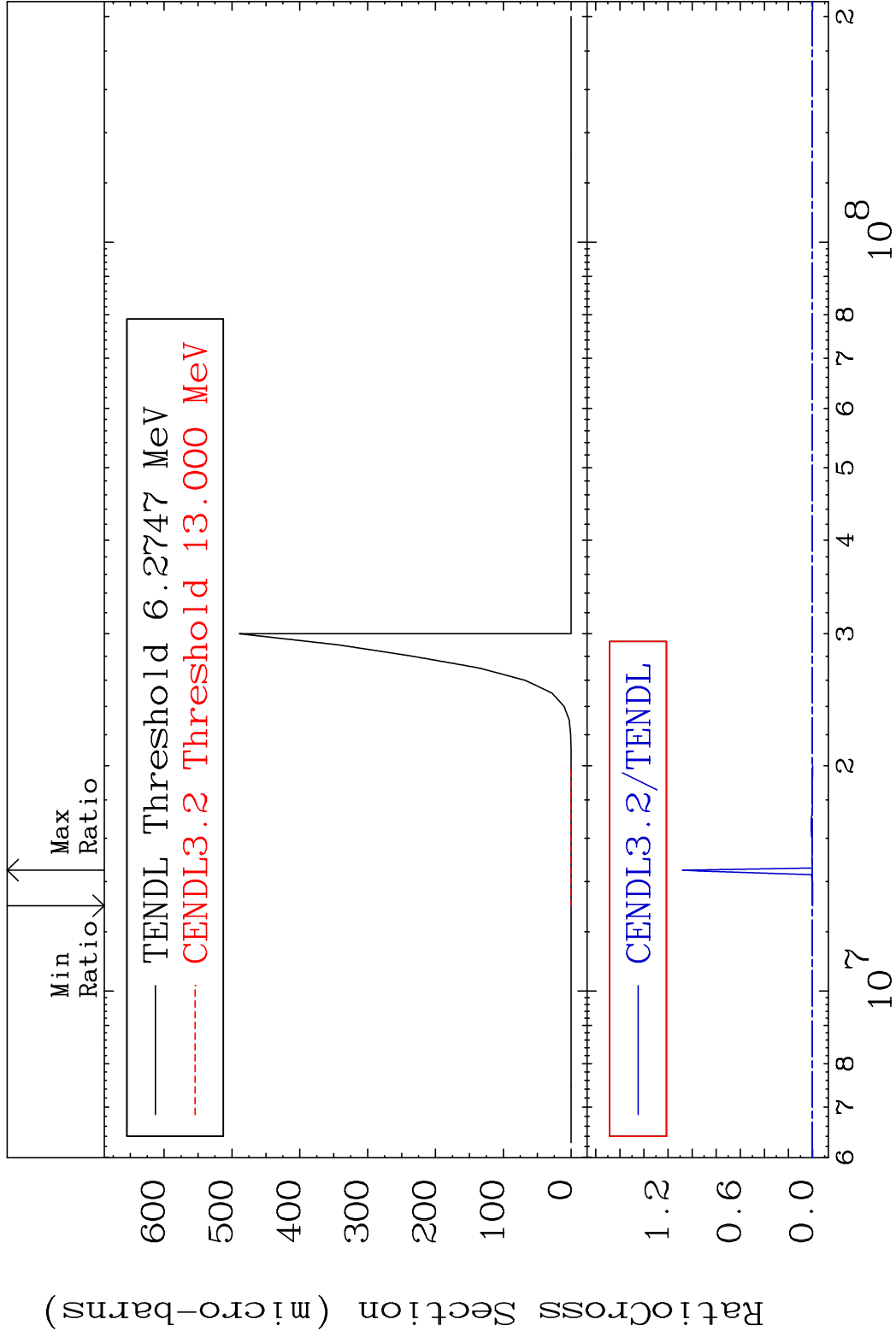


MAT 7328

(n, He-3)

73-Ta-181

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

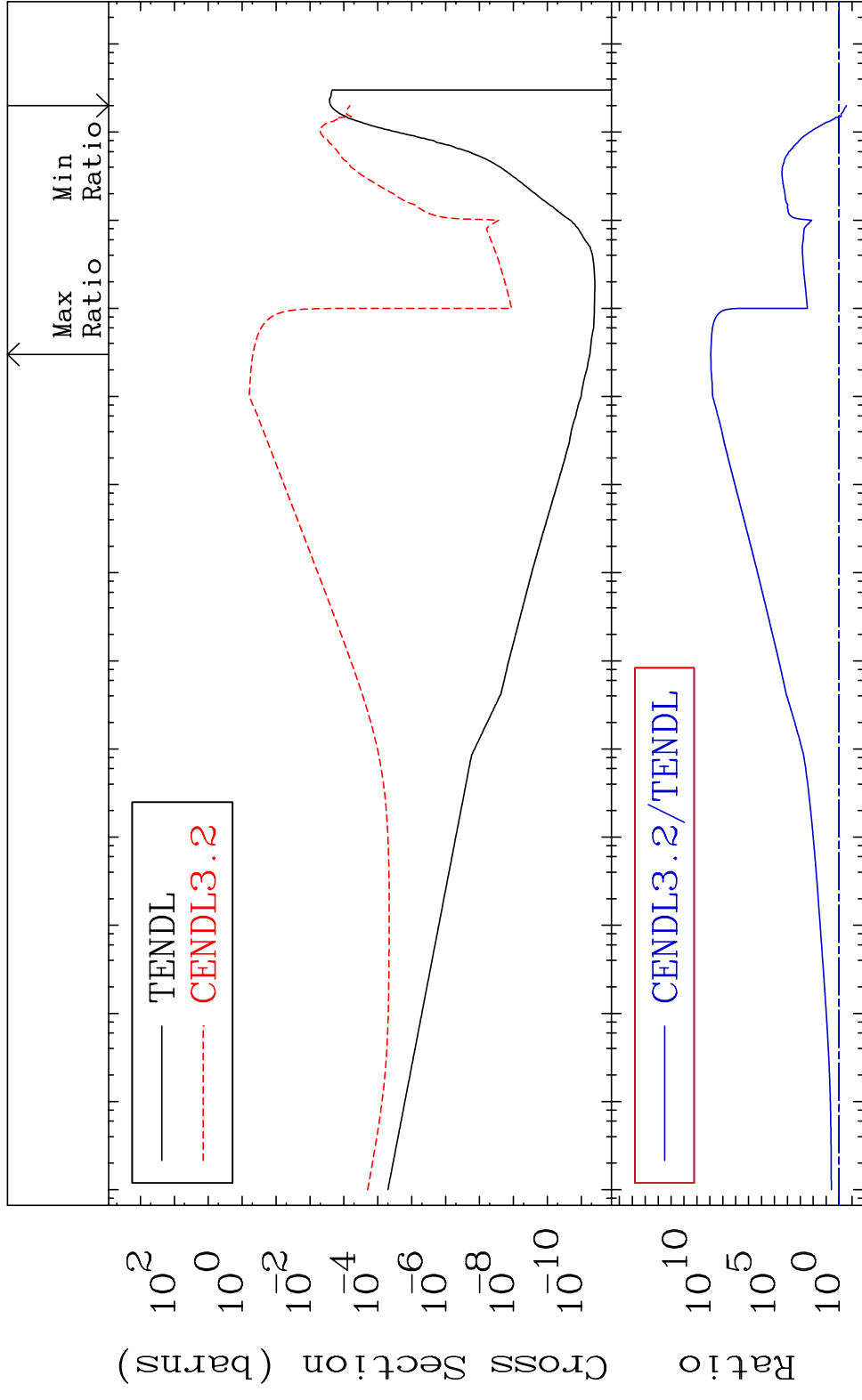
73-Ta-181

MAT 7328

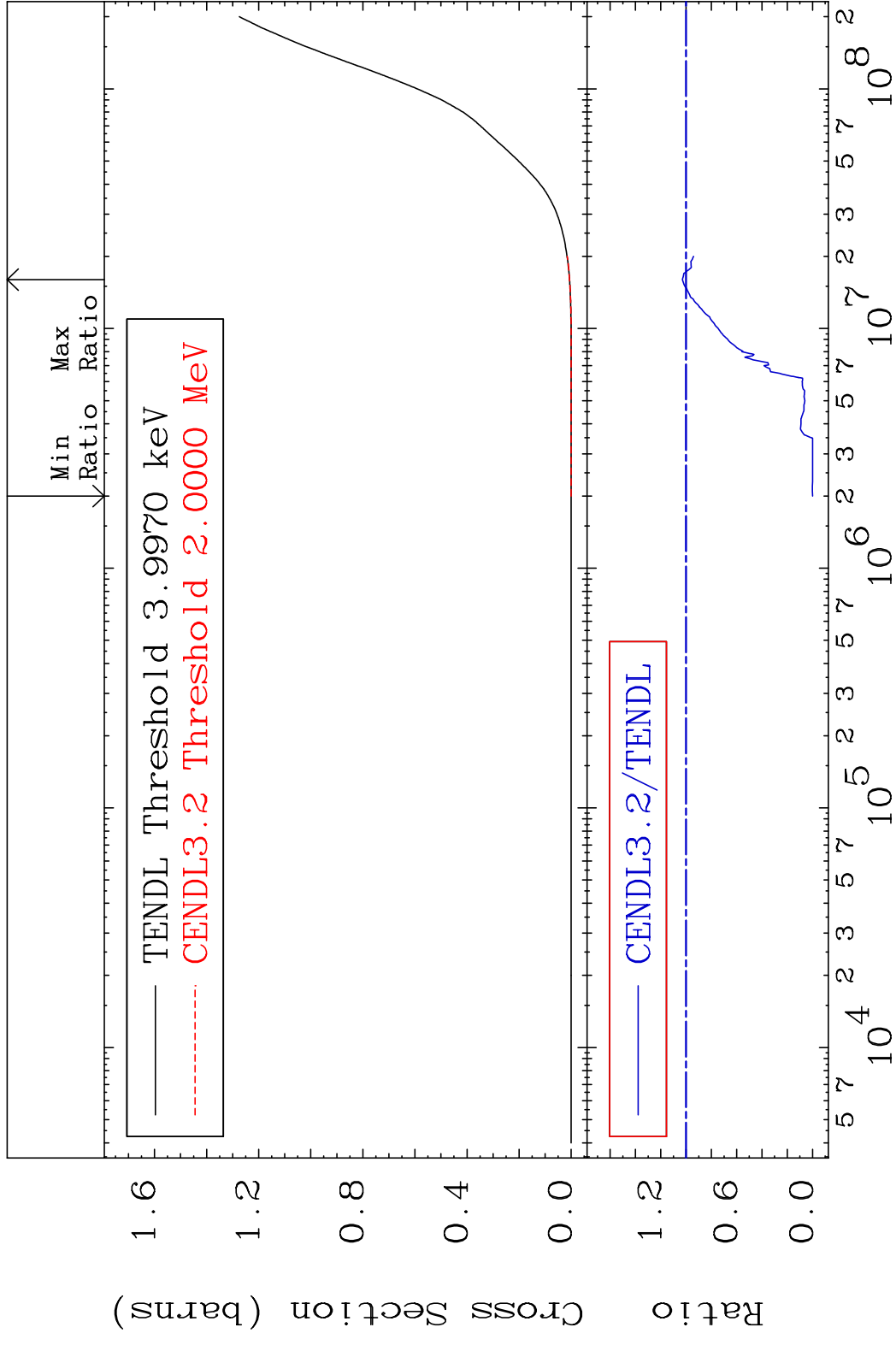
(n,  $\alpha$ )

73-Ta-181

Cross Section -72.62 To 9999. %



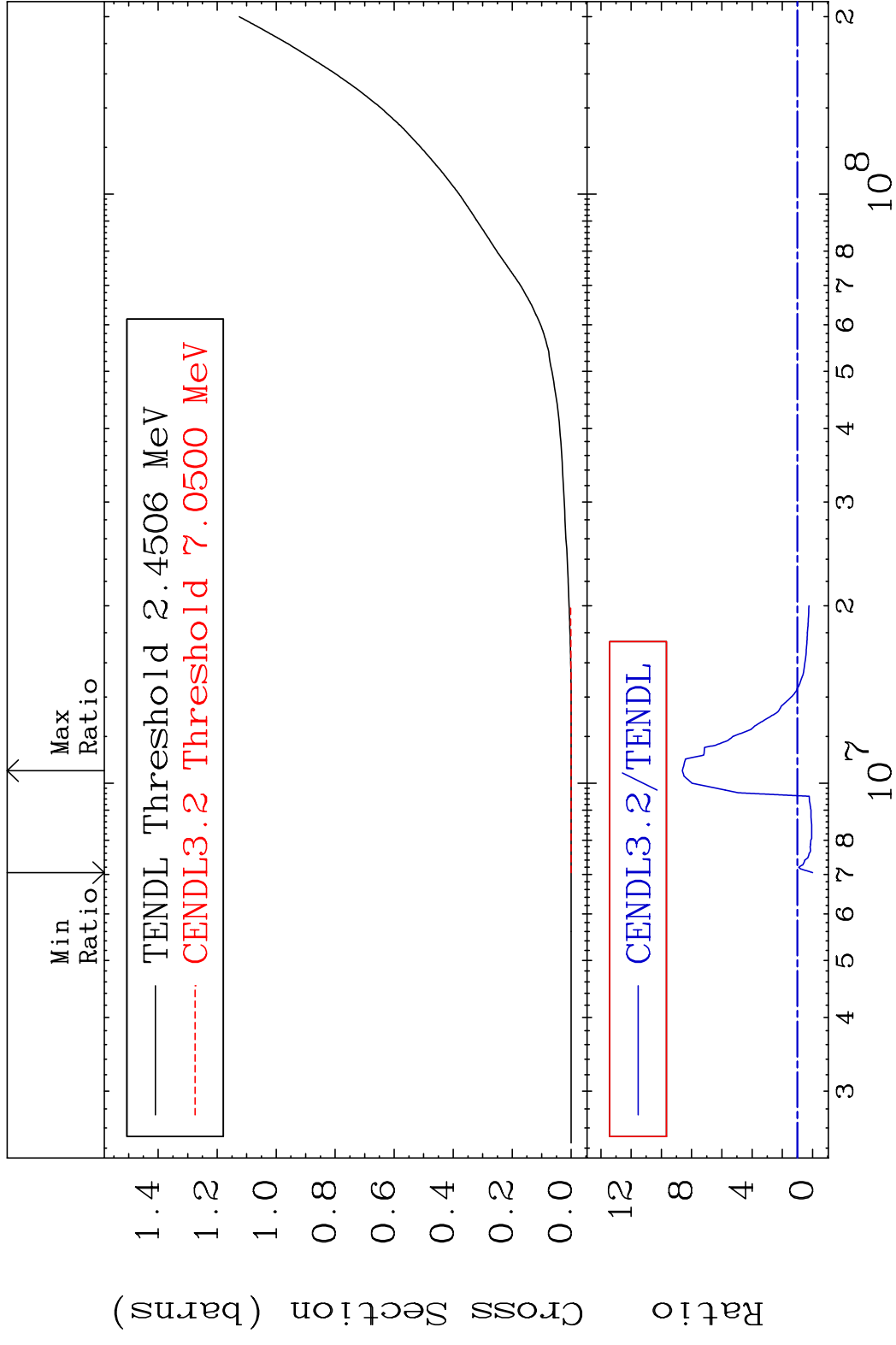
MAT 7328 Hydrogen Production 73-Ta-181  
 Cross Section -100.0 To 2.948 %

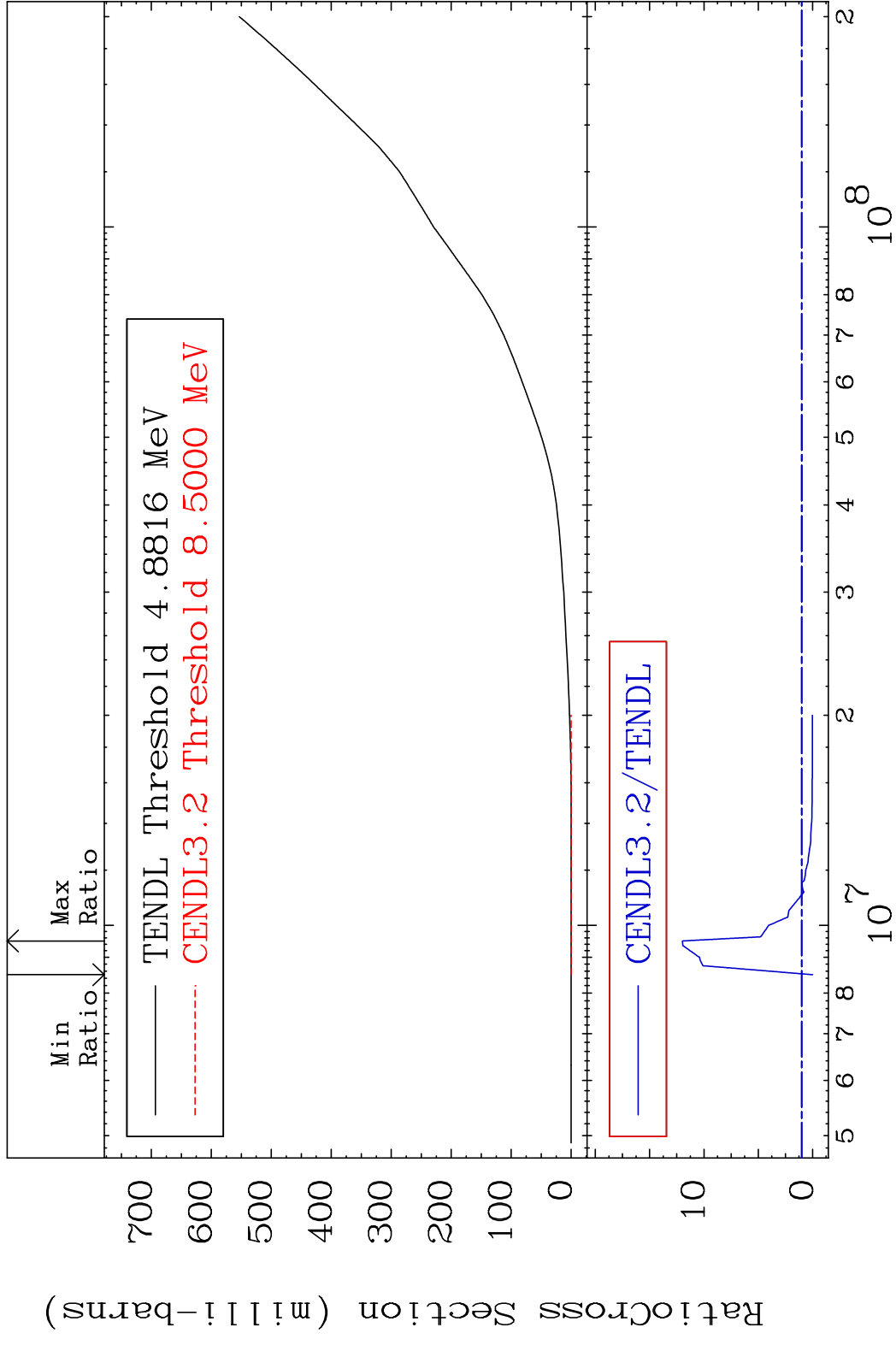


MAT 7328

Deuterium Production 73-Ta-181

Cross Section -100.0 To 761.1 %



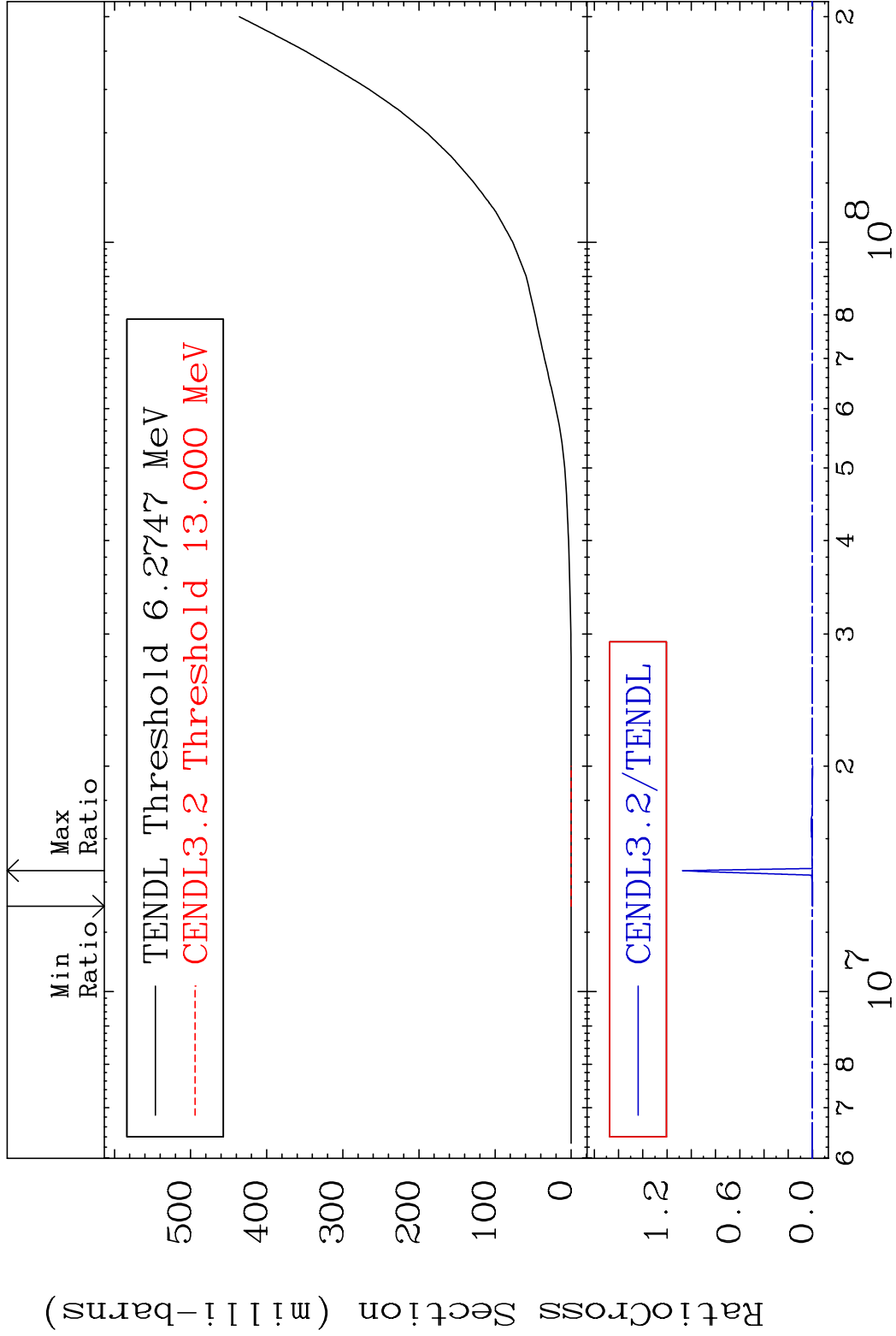


MAT 7328

He-3 Production

73-Ta-181

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

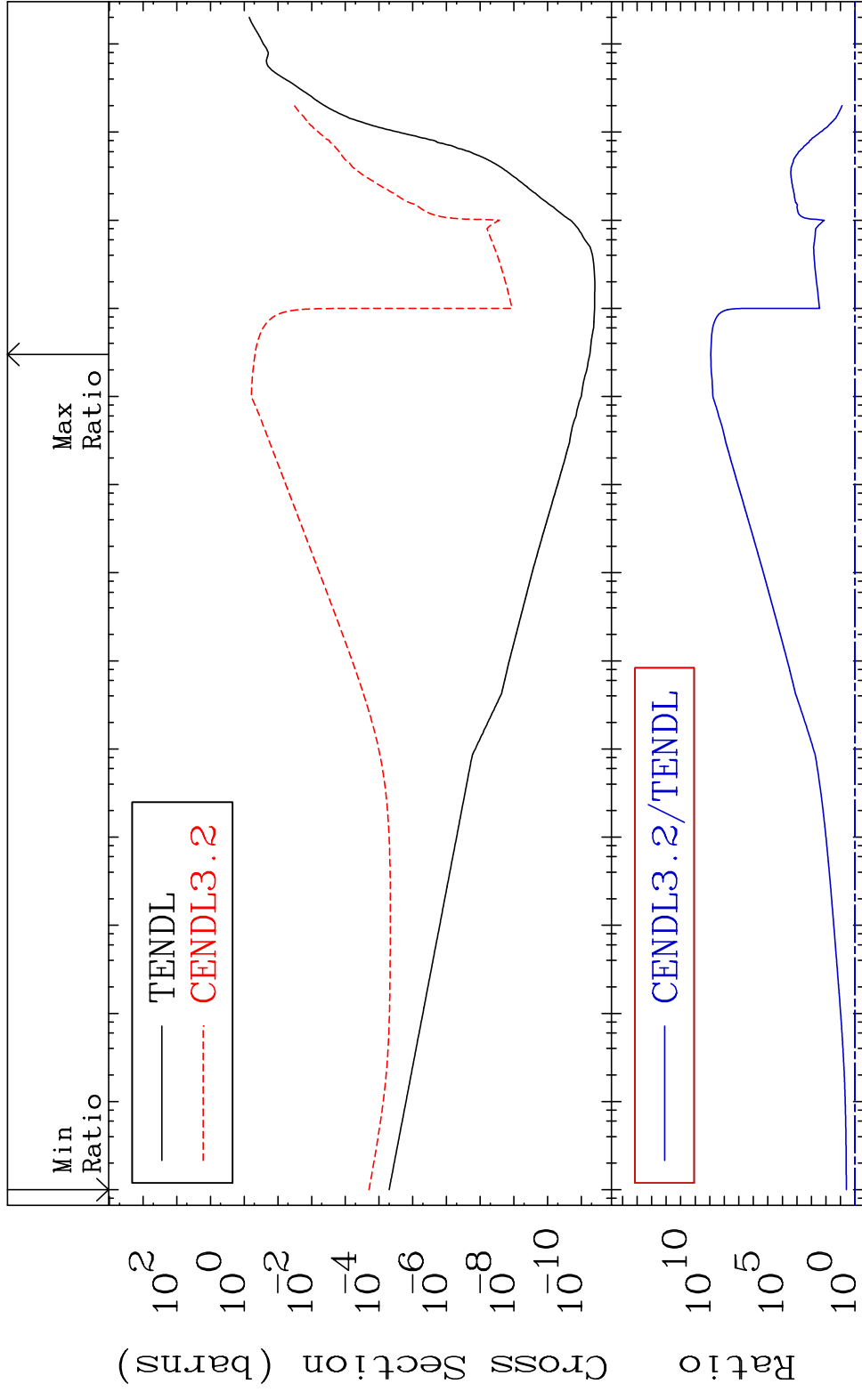
73-Ta-181

MAT 7328

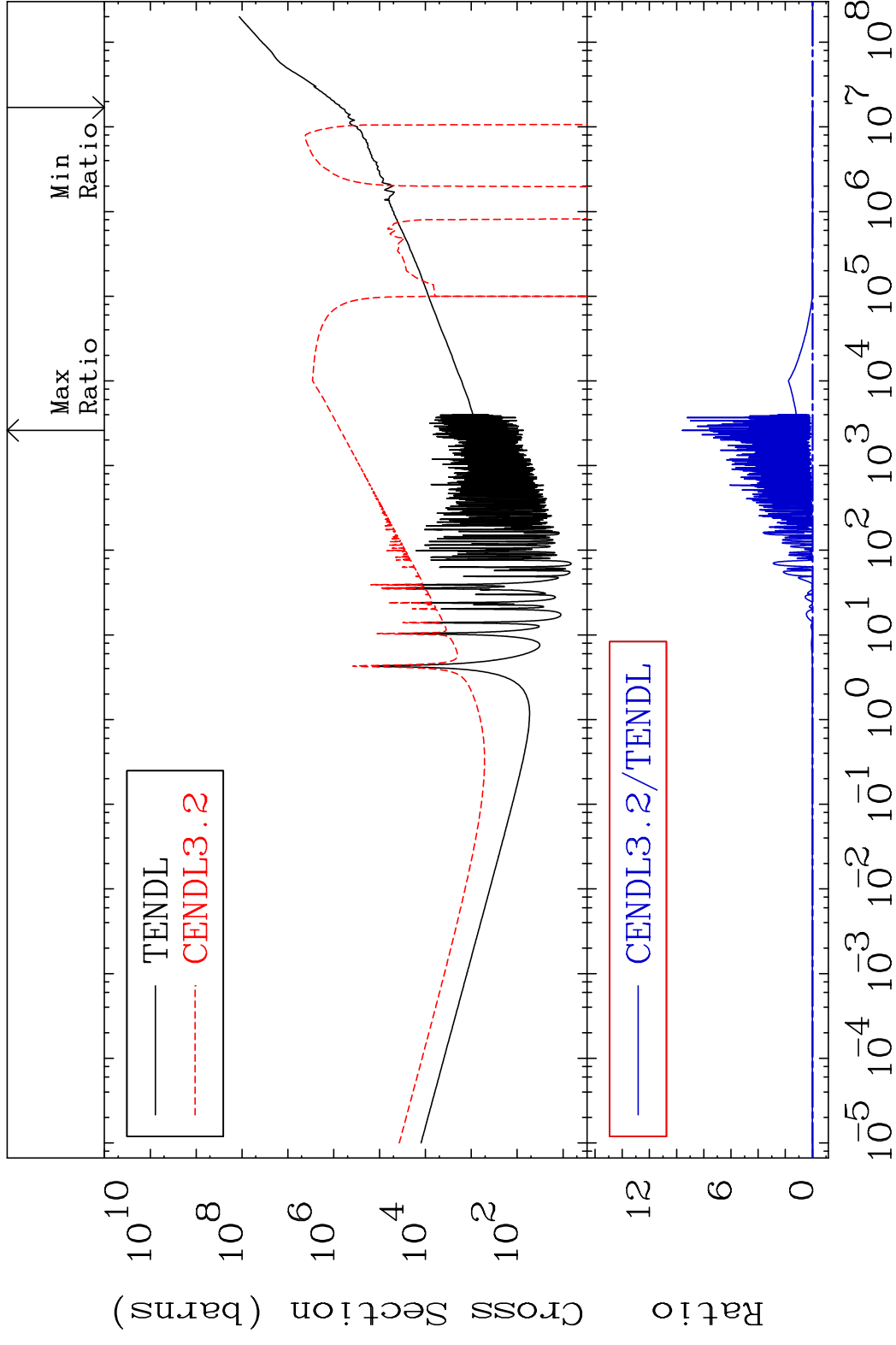
He-4 Production

73-Ta-181

Cross Section 296.4 To 9999. %

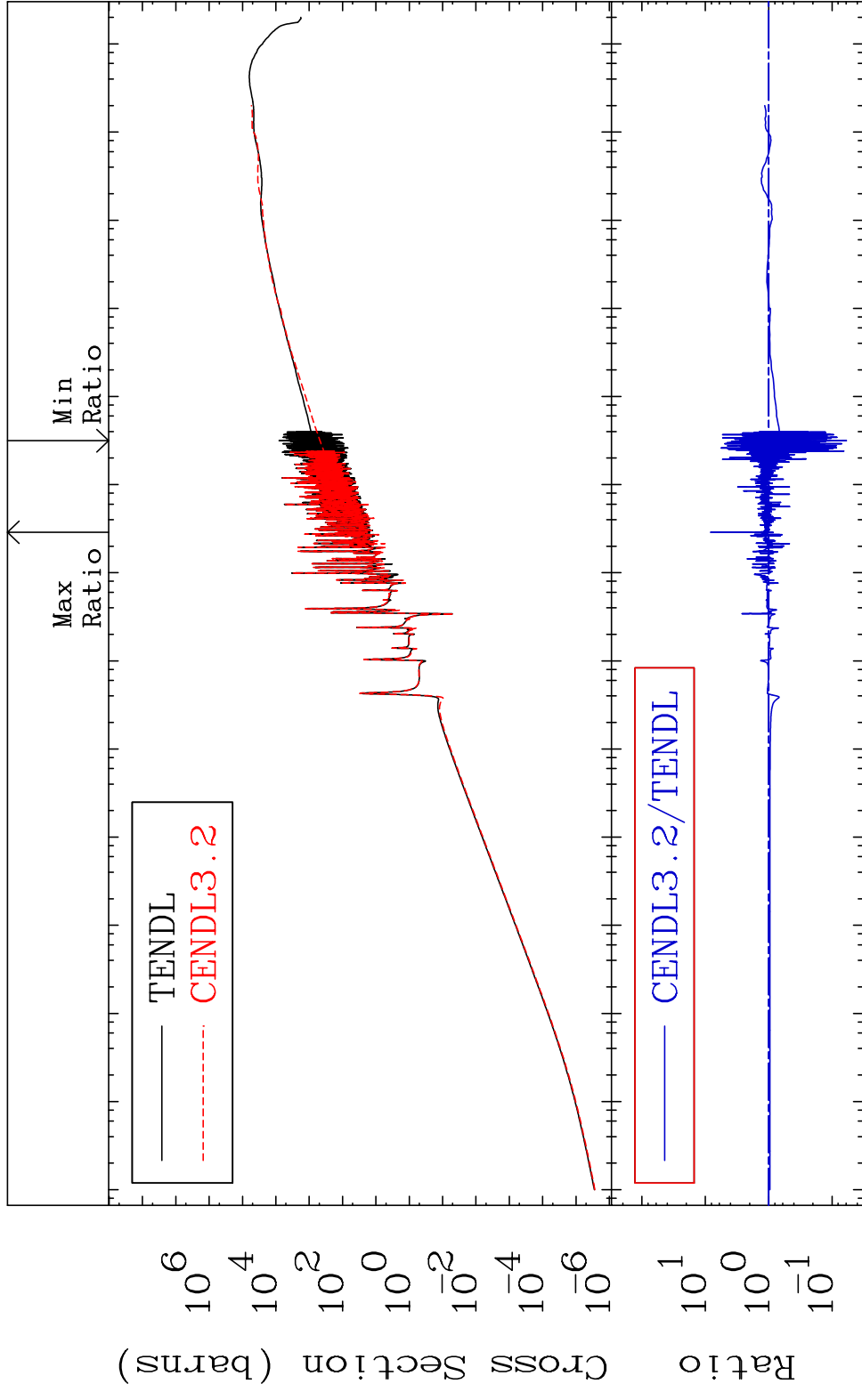


MAT 7328 Kerma total (eV-barns) 73-Ta-181  
 Cross Section -453.6 To 9999. %

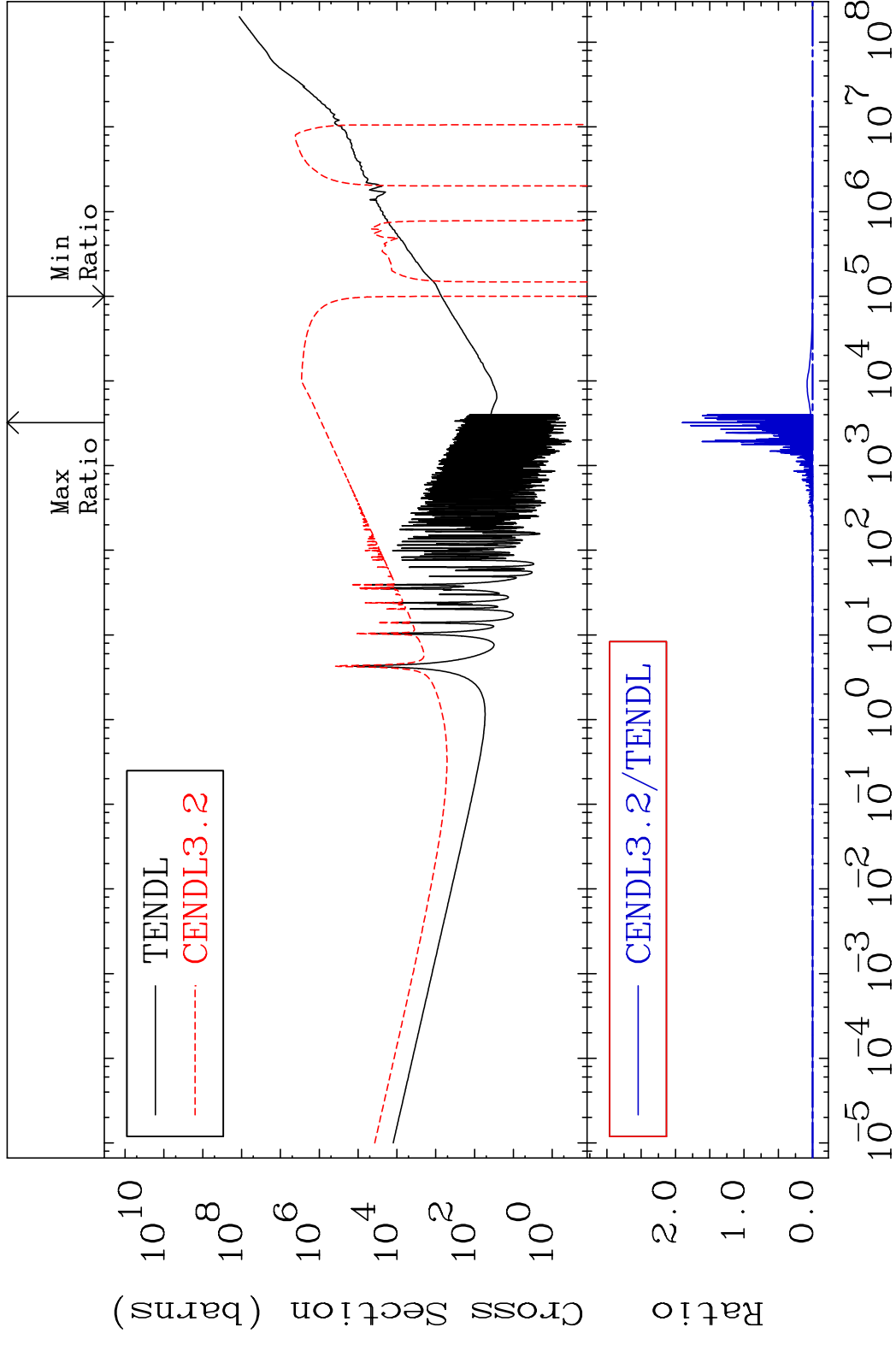


MAT 7328

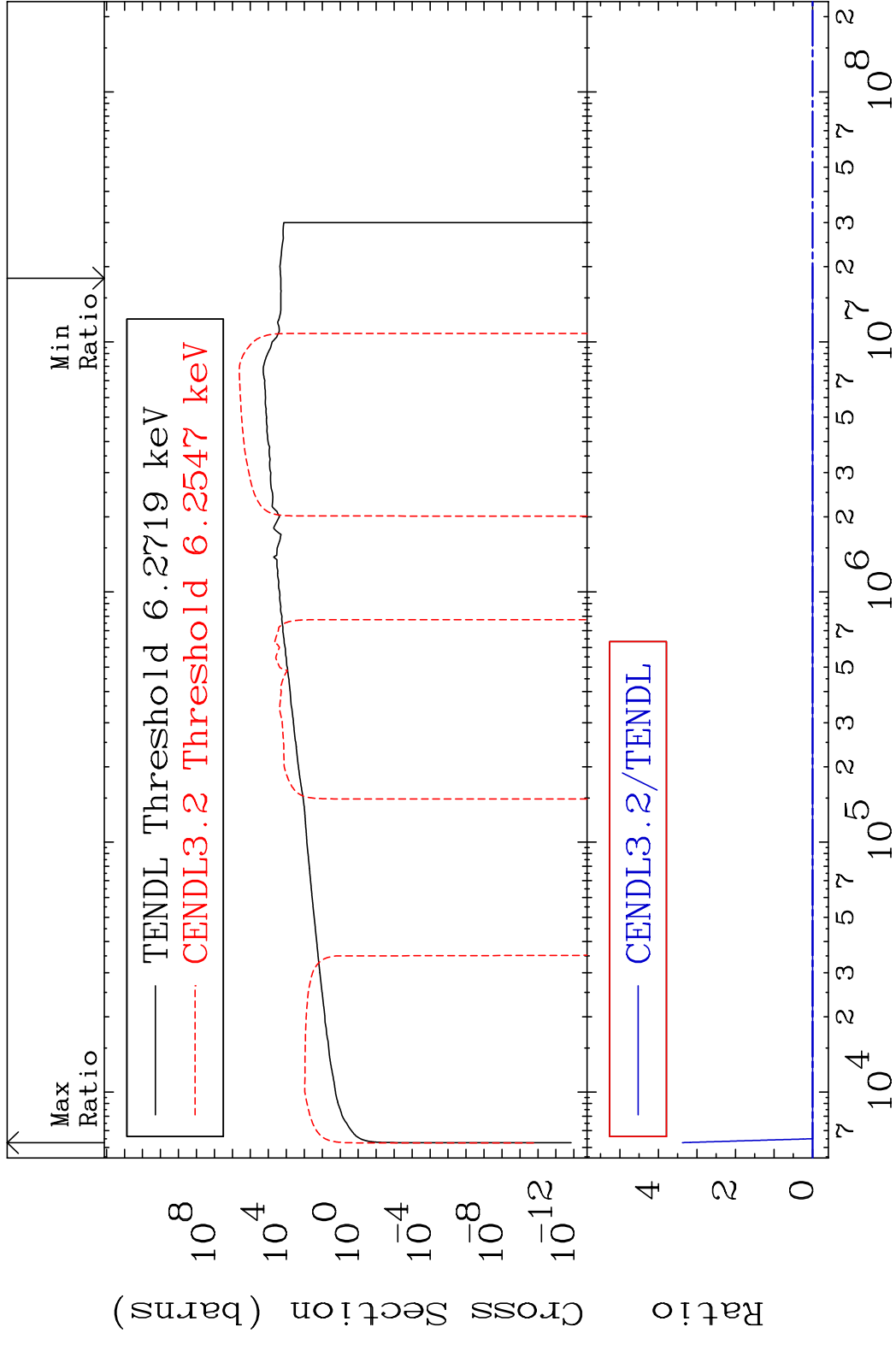
Kerma elastic Cross Section -94.05 To 722.1 %  
73-Ta-181



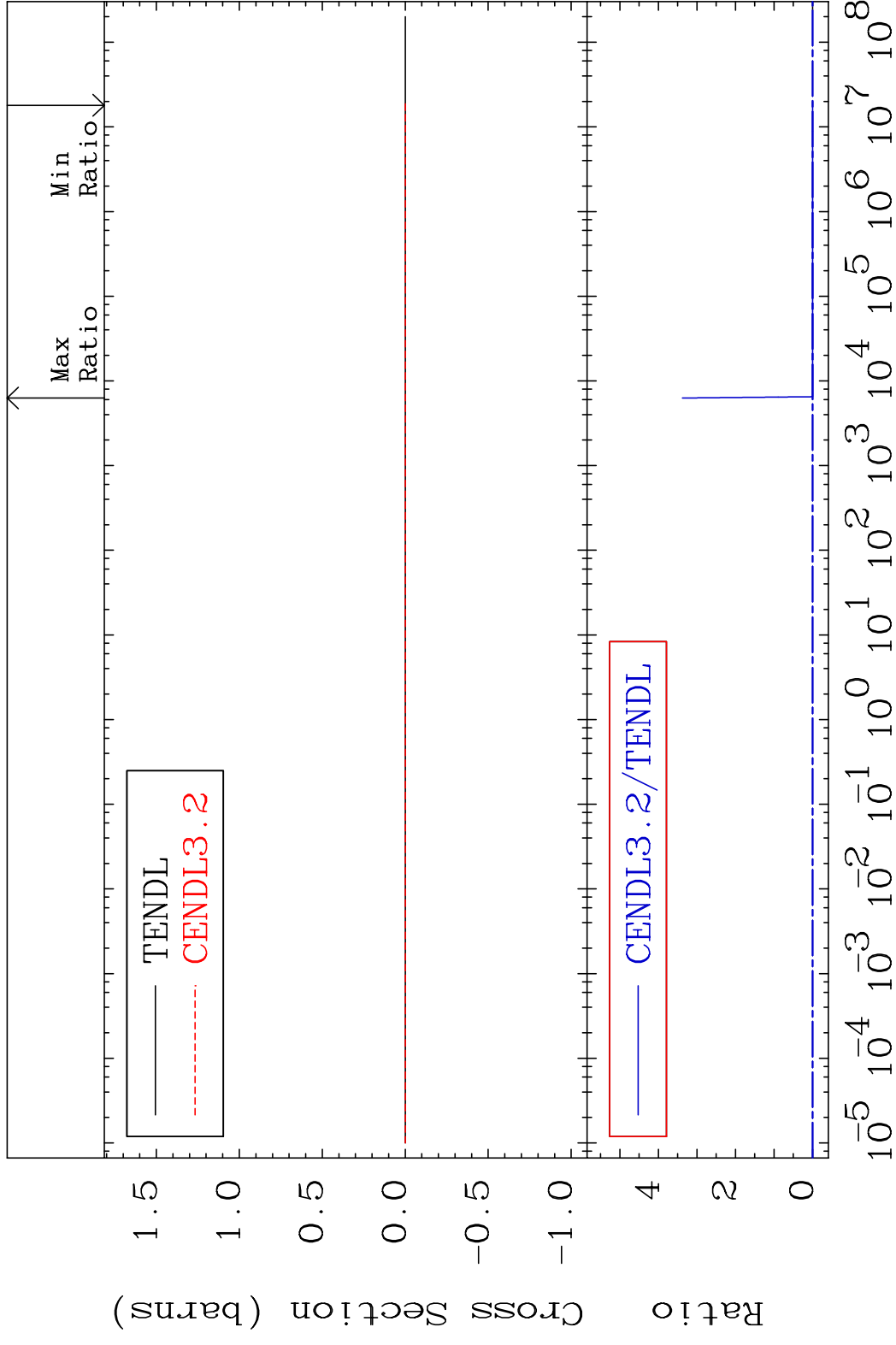
MAT 7328 Kerma non-elastic (all but mt2) 73-Ta-181  
 Cross Section -1669. To 9999. %



MAT 7328 Kerma inelastic (mt51-91) 73-Ta-181  
 Cross Section -7129. To 9999. %



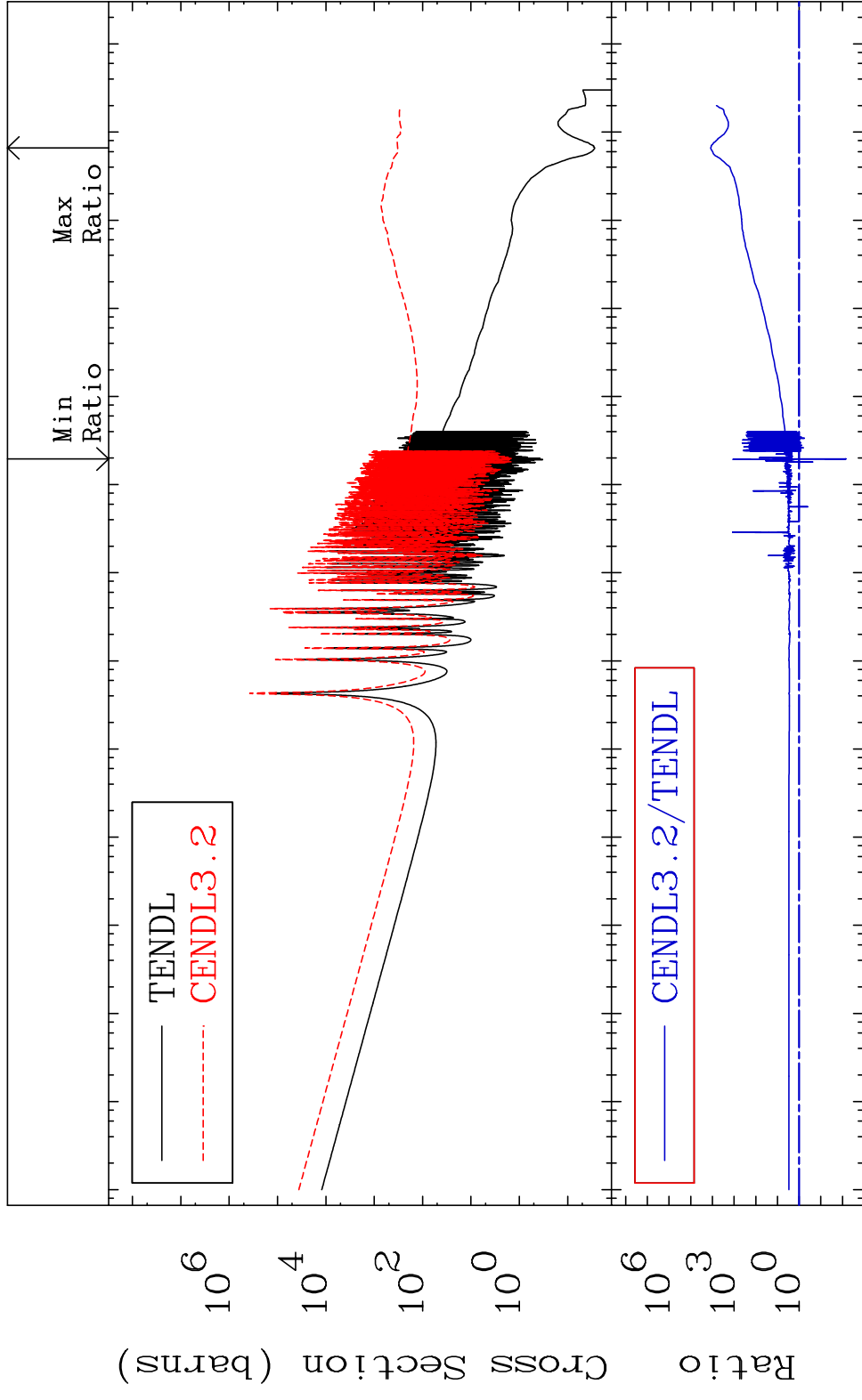
MAT 7328 Kerma fission (mt18 or mt19-20-21-38)73-Ta-181  
 Cross Section -7129. To 9999. %



MAT 7328

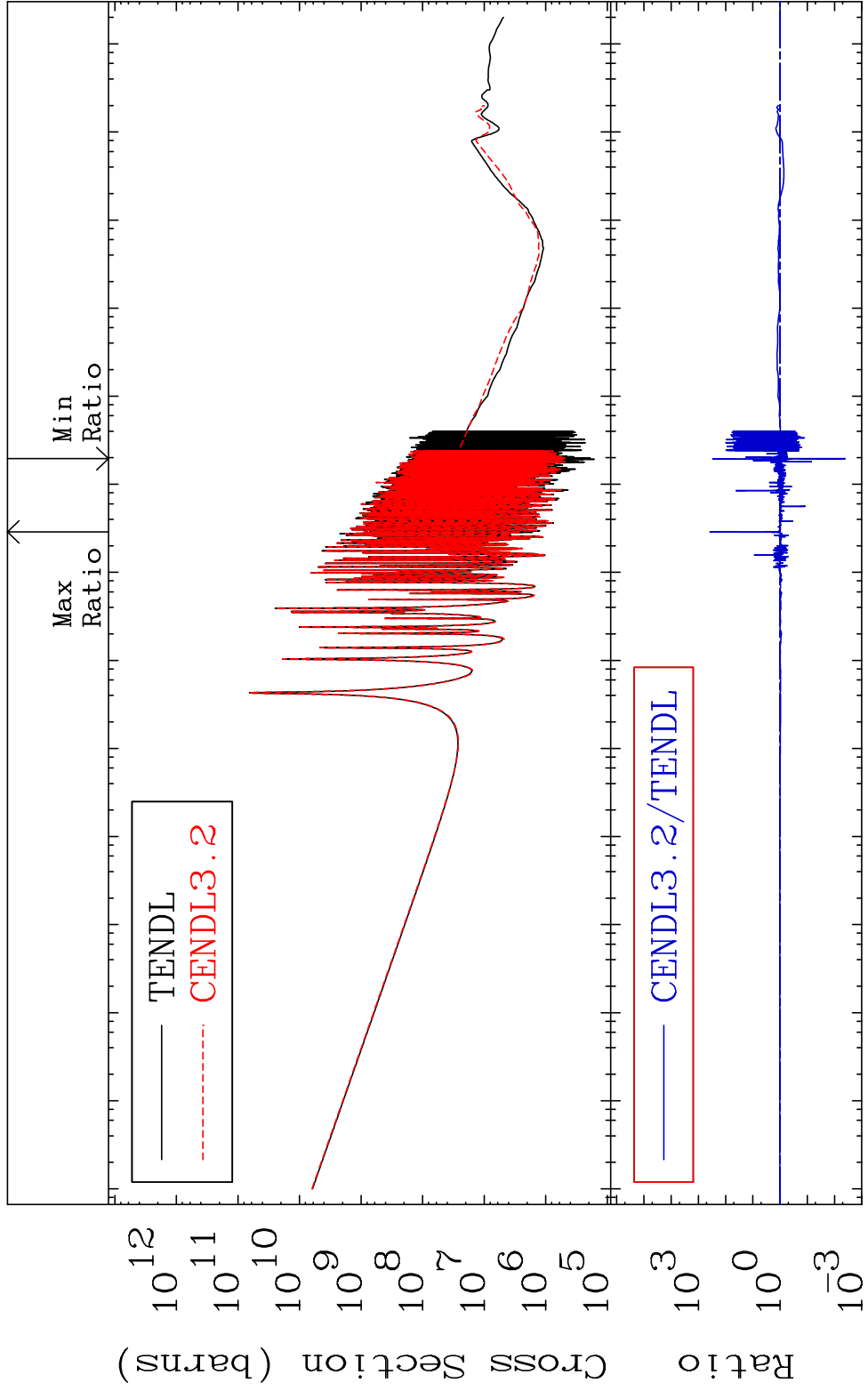
Kerma capture (mt102) 73-Ta-181

Cross Section -99.33 To 9999. %



MAT 7328

Total photon (eV-barns) 73-Ta-181  
Cross Section -99.60 To 9999. %

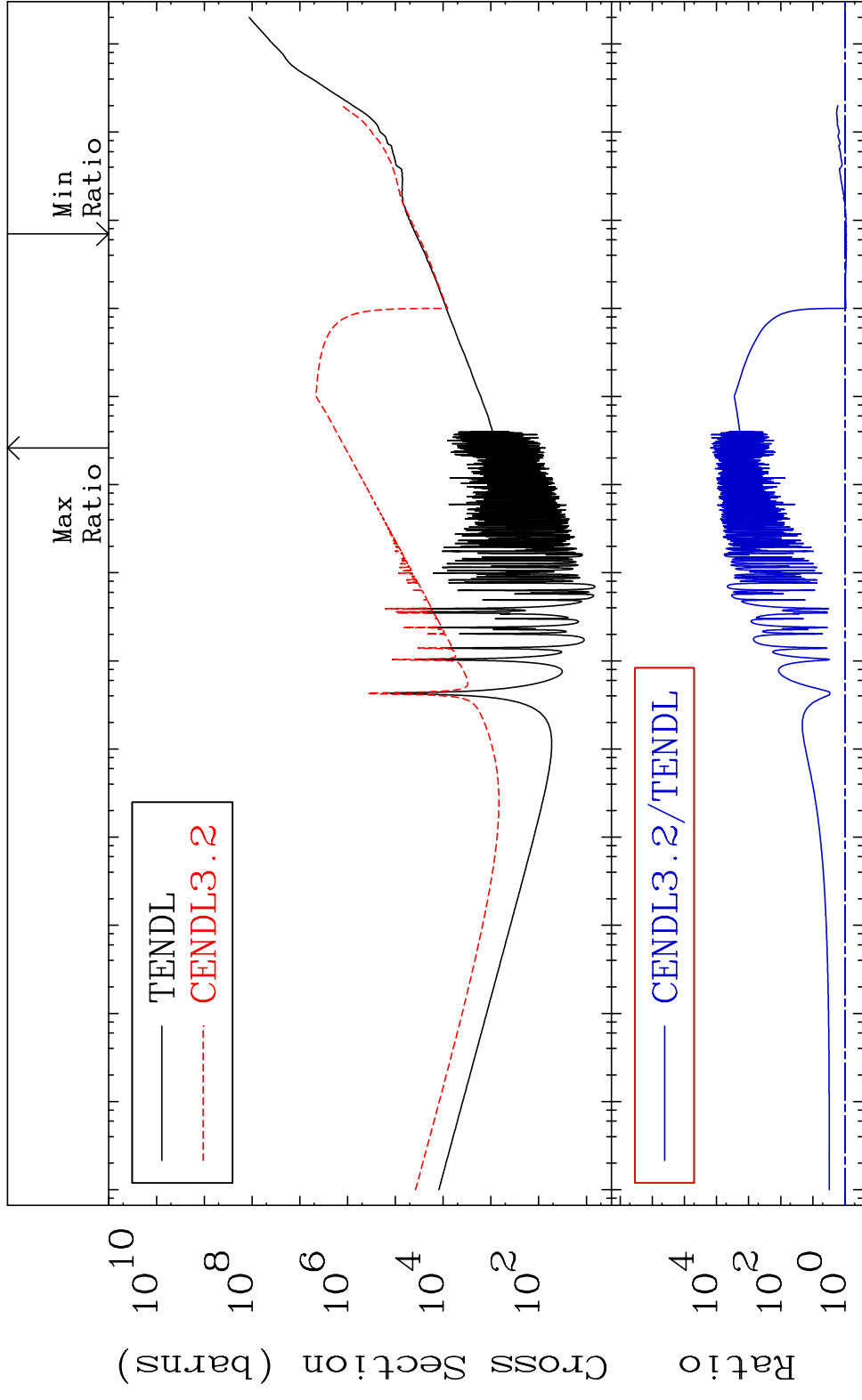


40

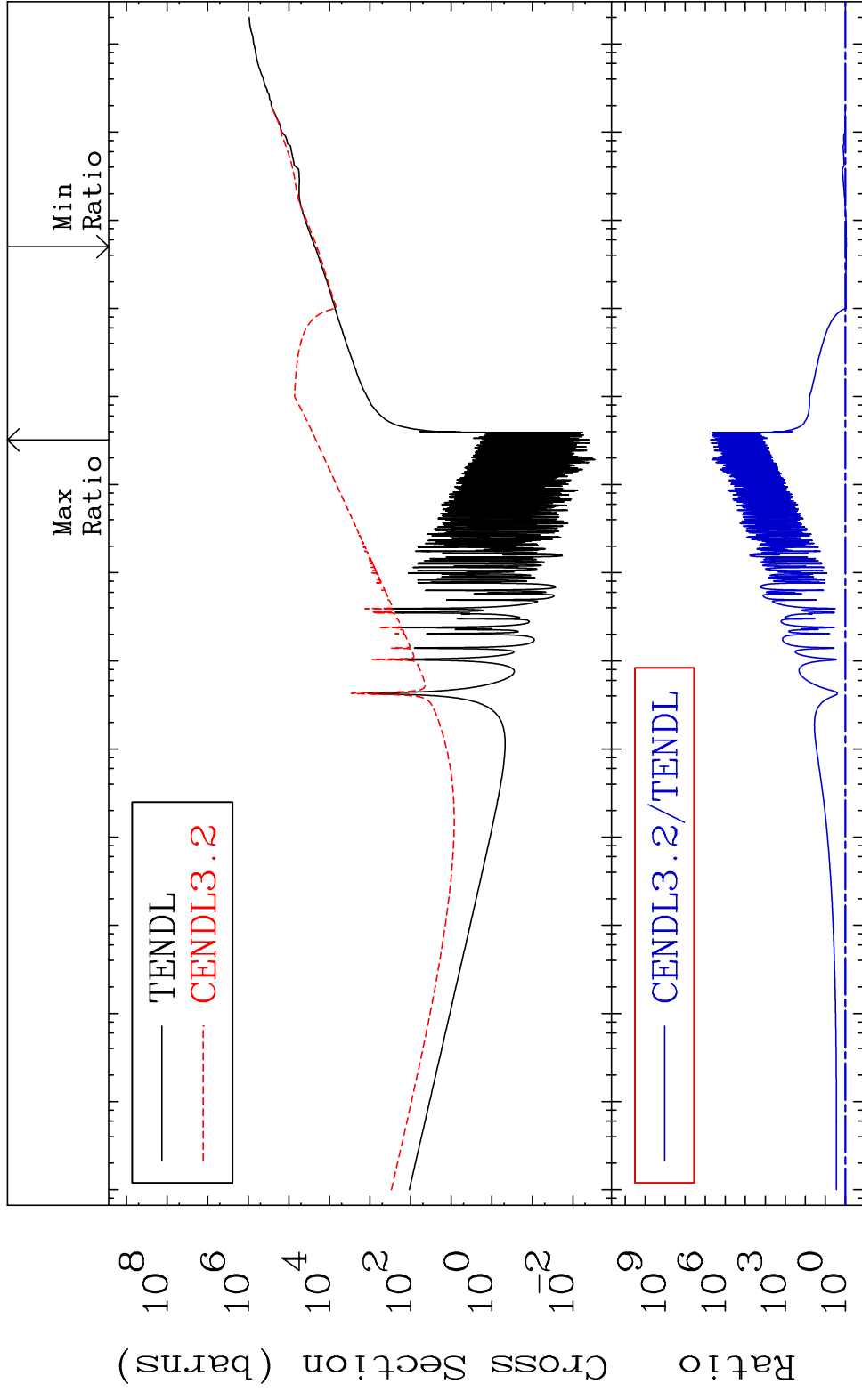
Incident Energy (eV)

73-Ta-181

MAT 7328 Total kinematic kerma (high limit) 73-Ta-181  
 Cross Section -9.382 To 9999. %



MAT 7328      Dpa total (eV-barns)      73-Ta-181  
 Cross Section      -10.72 To 9999. %

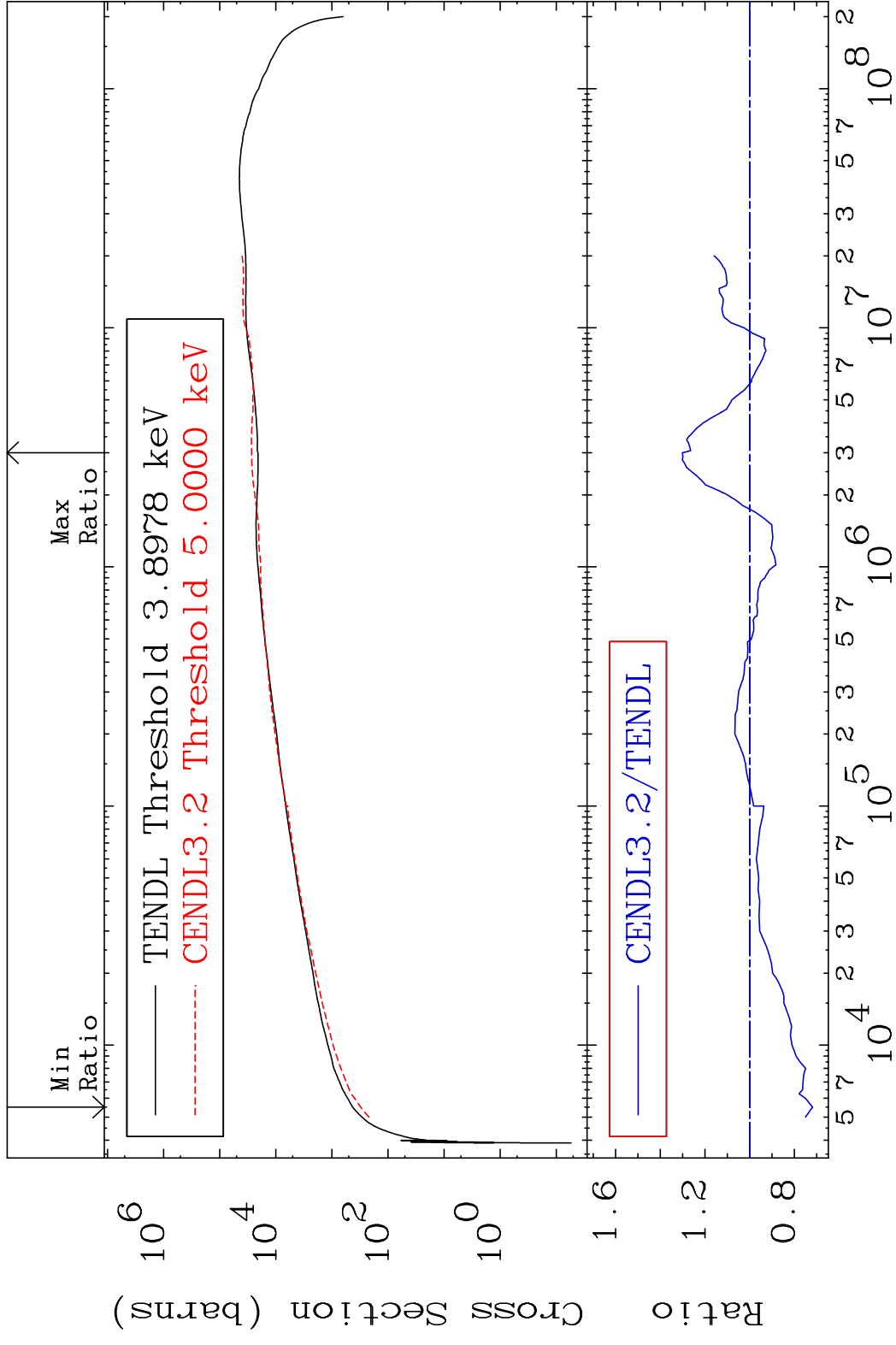


MAT 7328

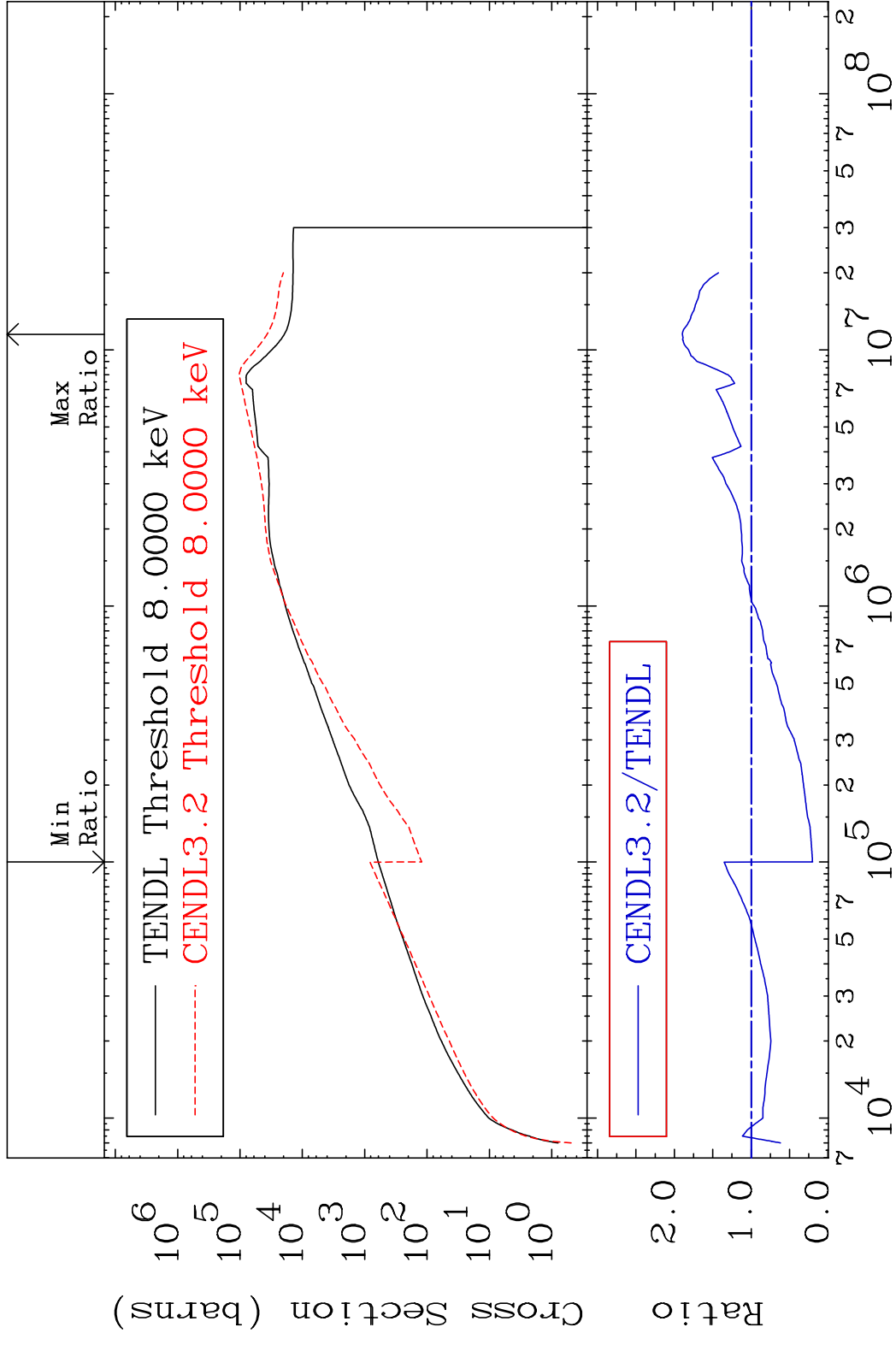
Dpa elastic (mt2)

73-Ta-181

Cross Section -28.16 To 30.11 %

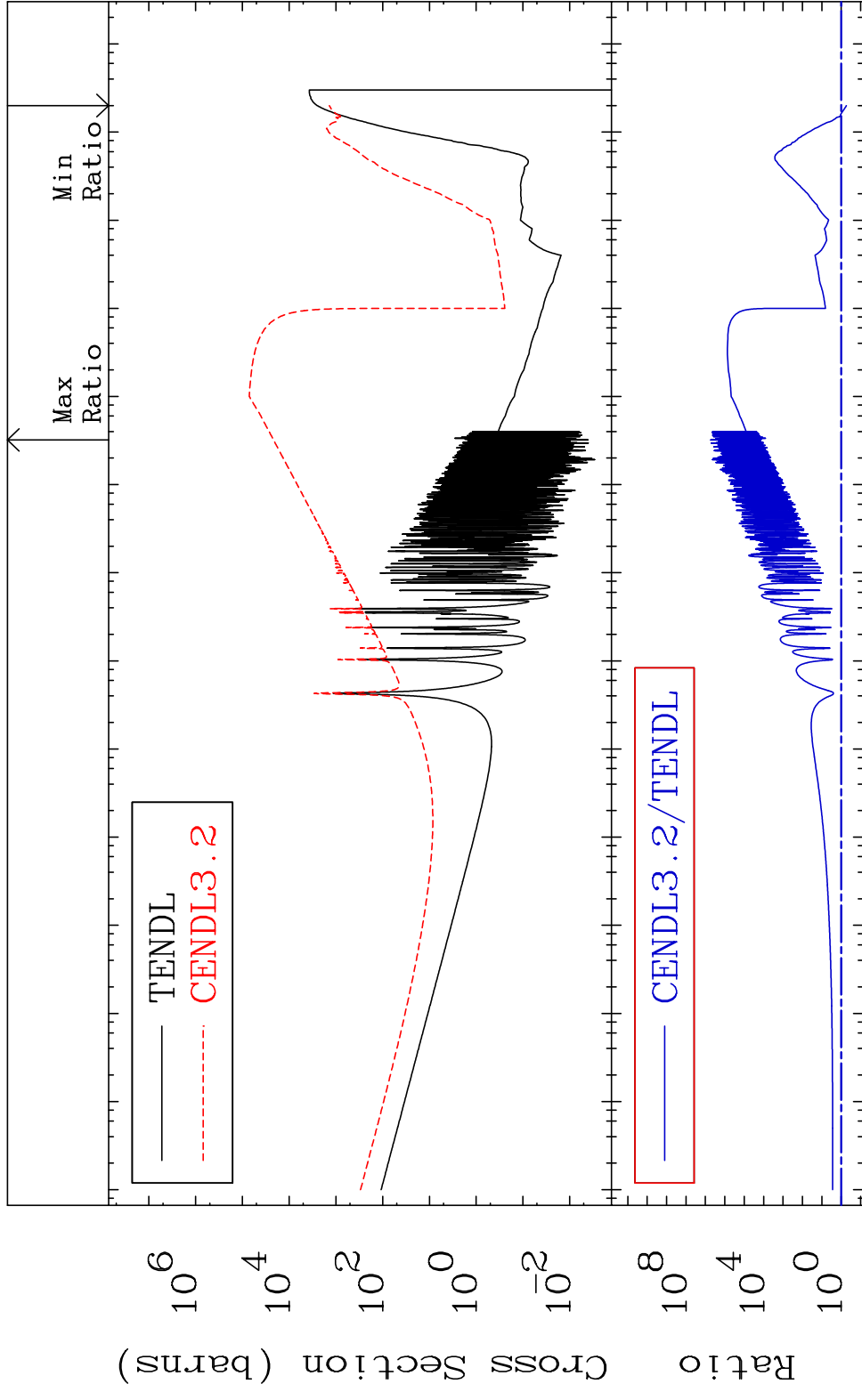


MAT 7328 Dpa inelastic (mt51-91) 73-Ta-181  
 Cross Section -79.92 To 89.59 %



44 Incident Energy (eV) 73-Ta-181

MAT 7328 Dpa disappearance (mt102 -120) 73-Ta-181  
 Cross Section -45.31 To 9999. %

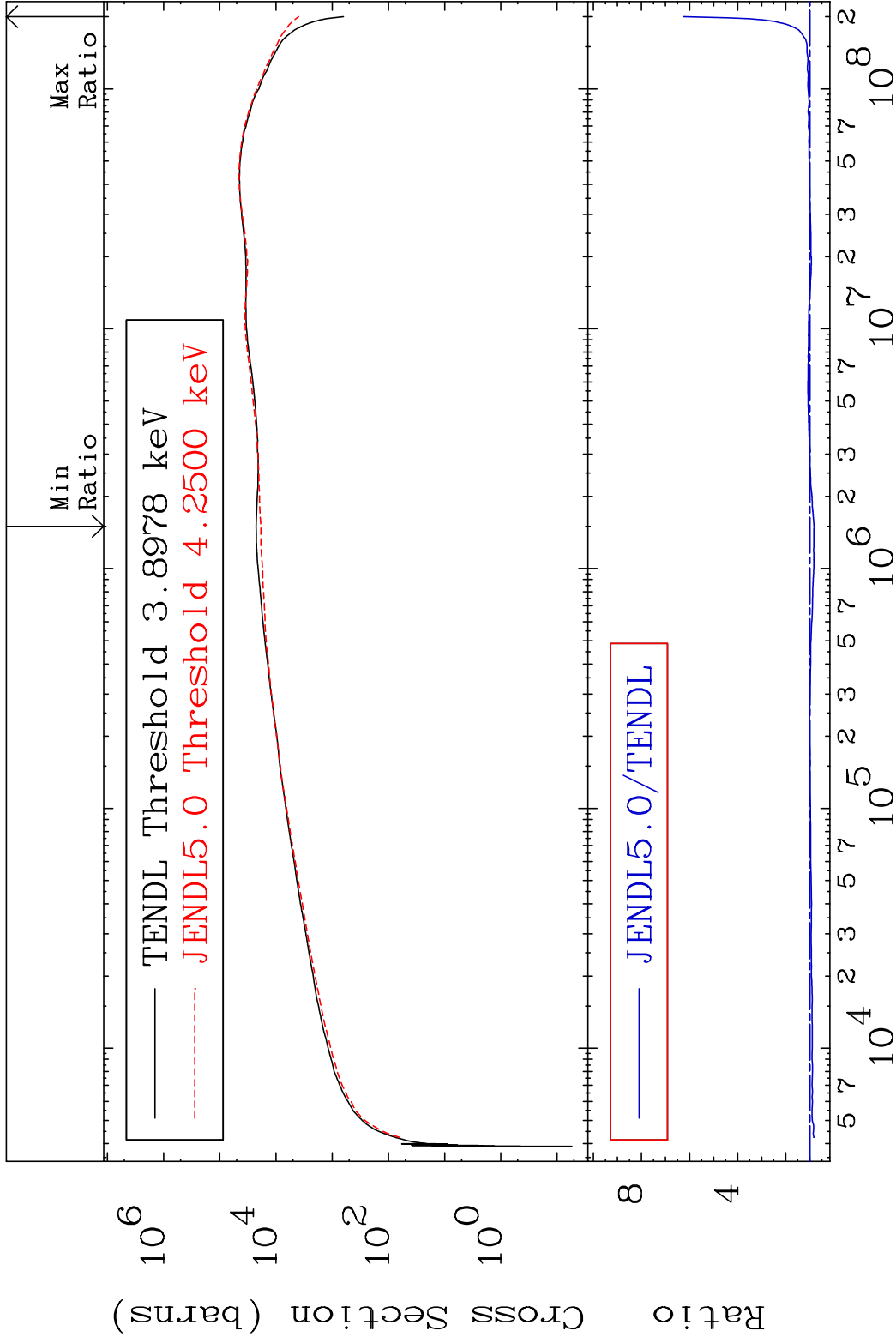


MAT 7328

Dpa elastic (mt2)

73-Ta-181

Cross Section -17.87 To 525.4 %



46

Incident Energy (eV)

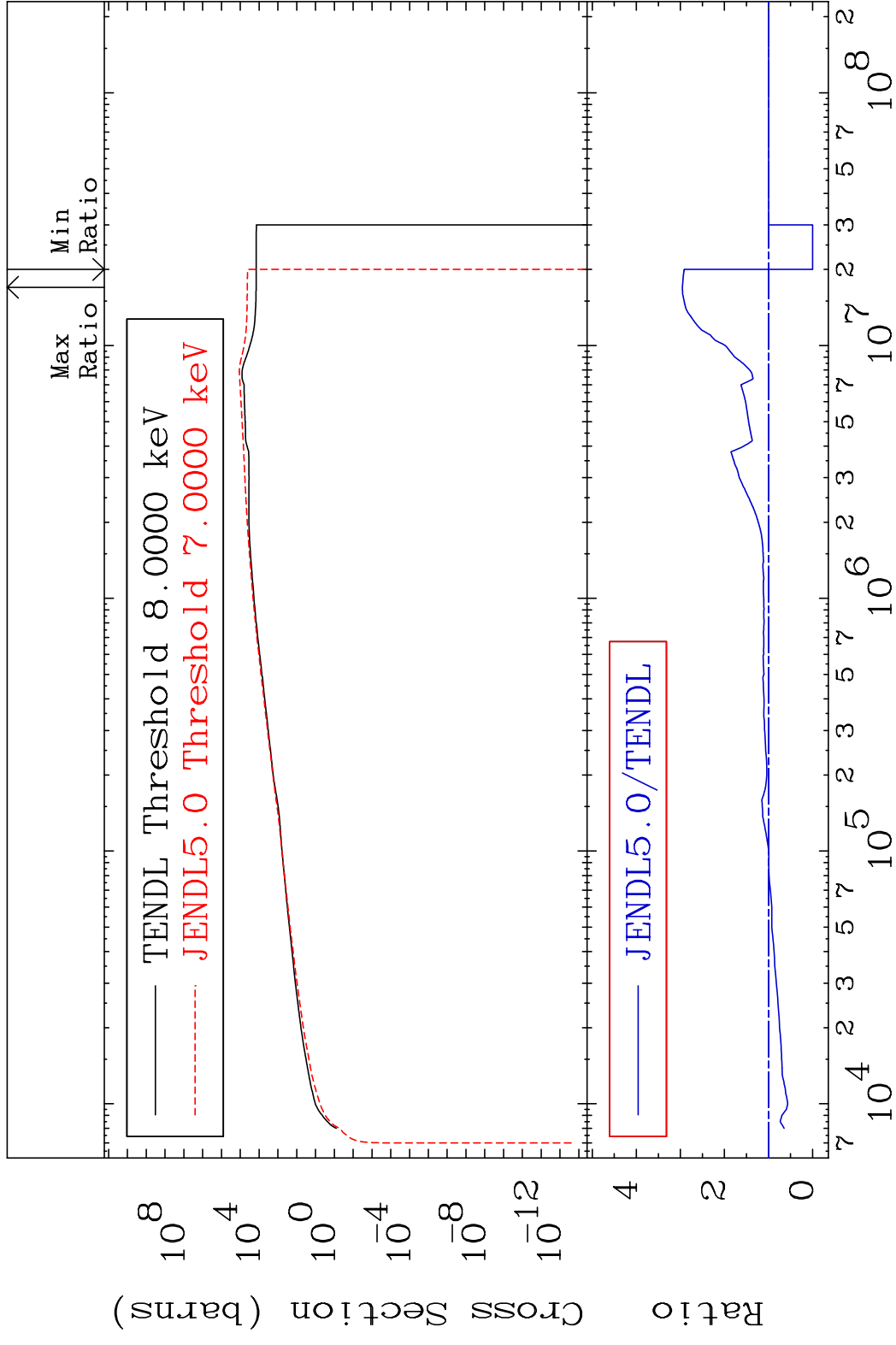
73-Ta-181

MAT 7328

Dpa inelastic (mt51-91)

73-Ta-181

Cross Section -100.0 To 195.5 %

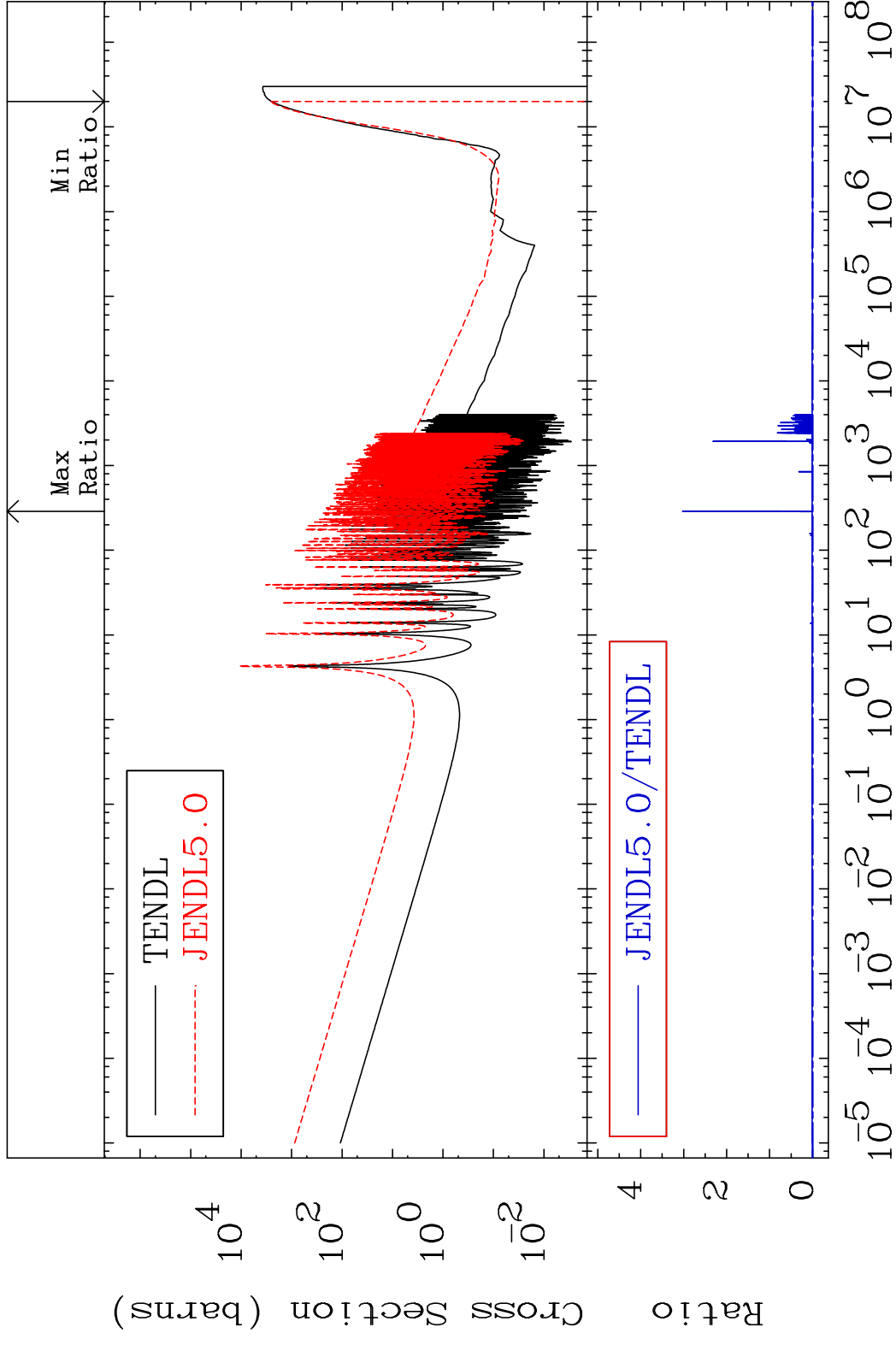


47

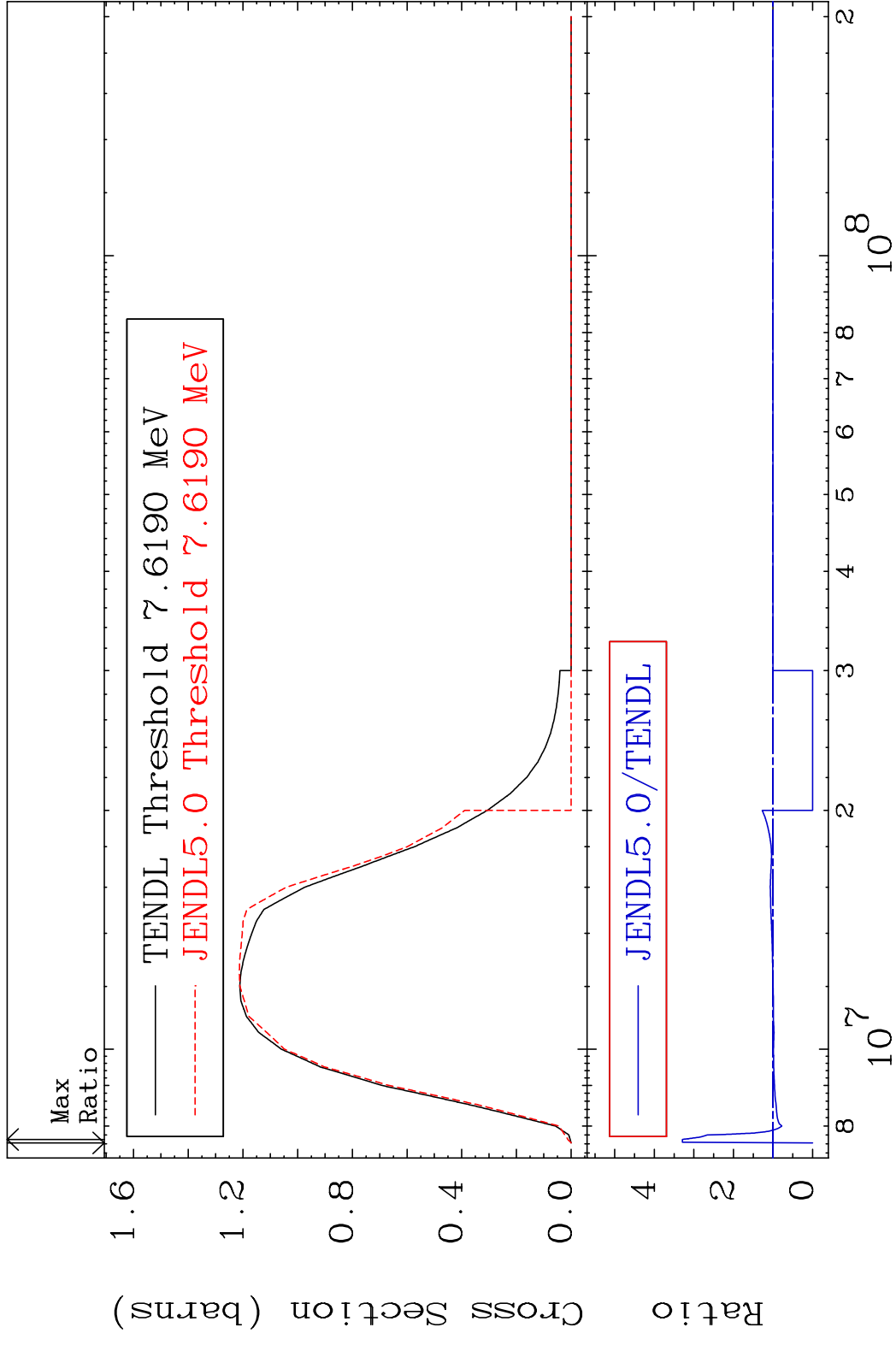
Incident Energy (eV)

73-Ta-181

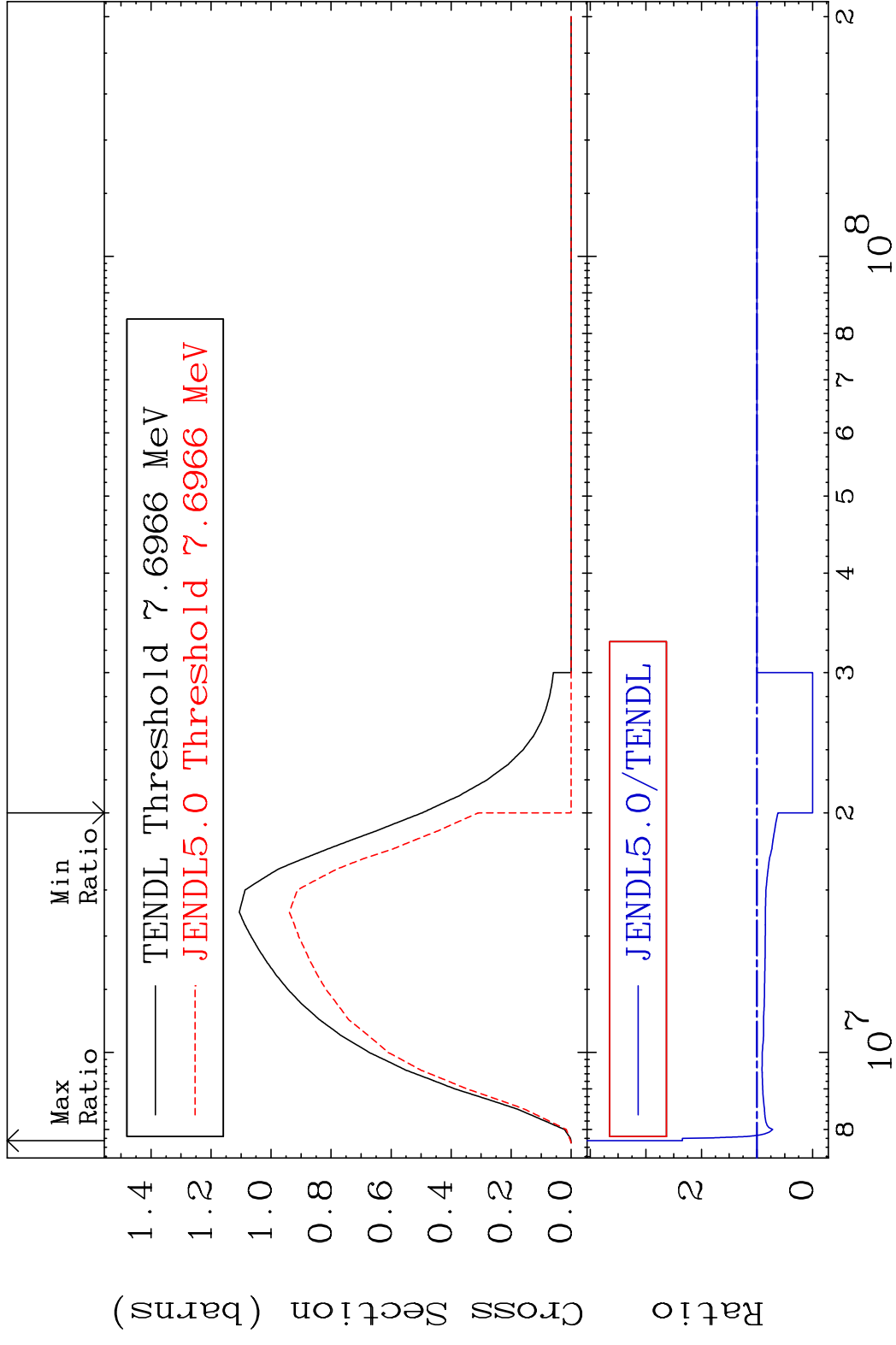
MAT 7328    Dpa disappearance (mt102 -120)    73-Ta-181  
 Cross Section    -100.0 To 9999. %

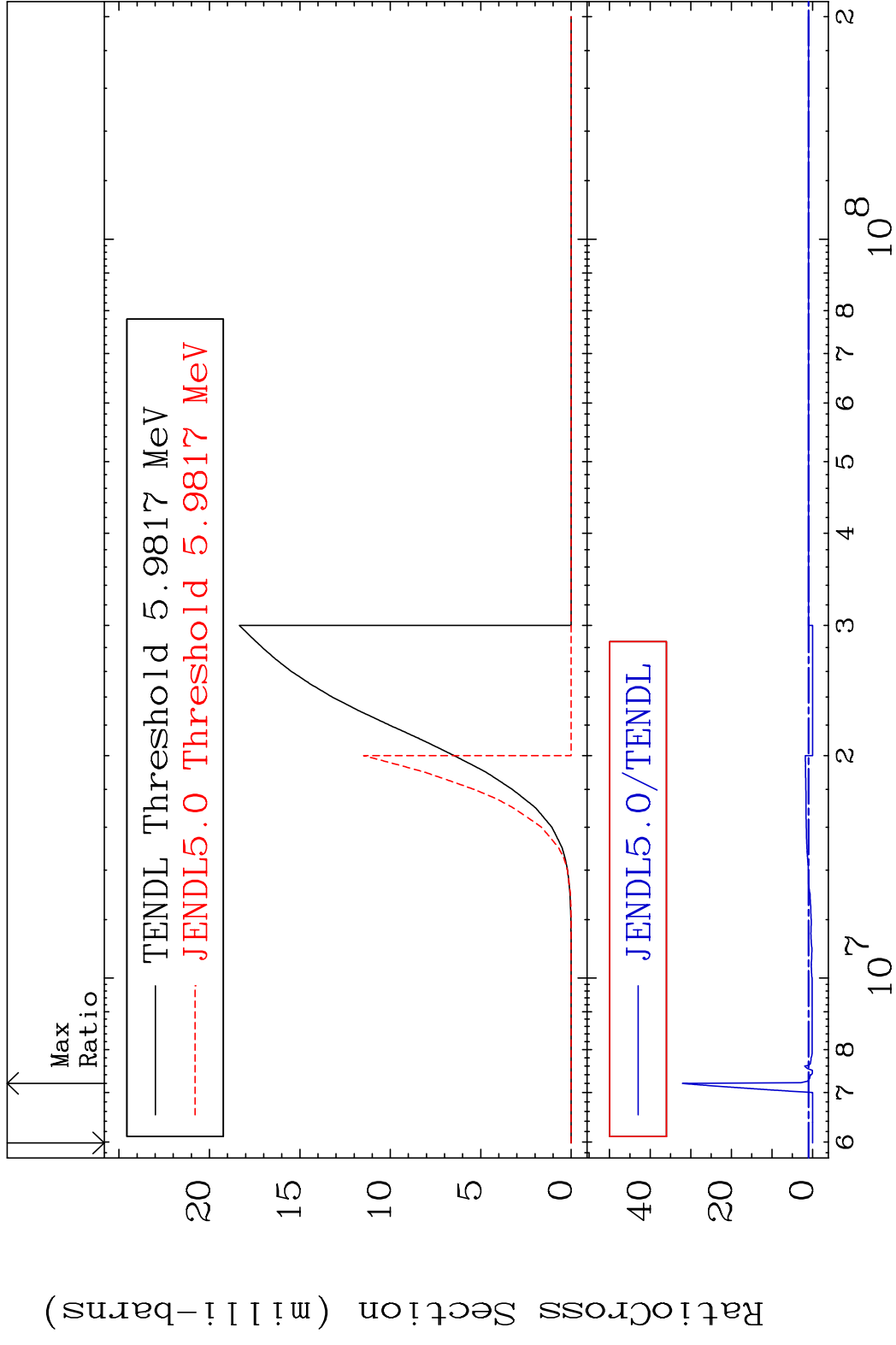


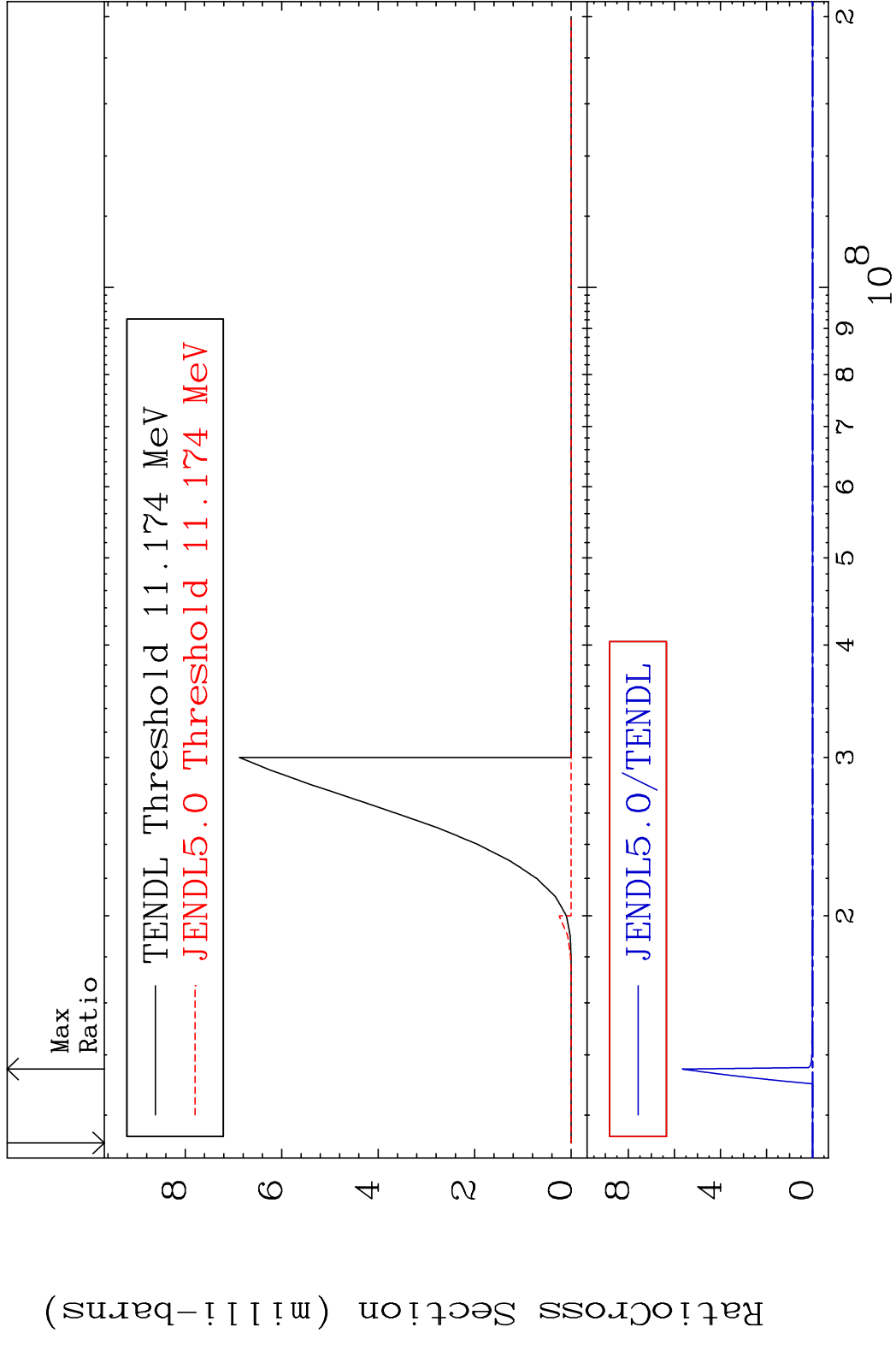
MAT 7328 (n,2n):73-Ta-180g 73-Ta-181  
 Radionuclide Production Cross Section 180.01 dth 229.1 %

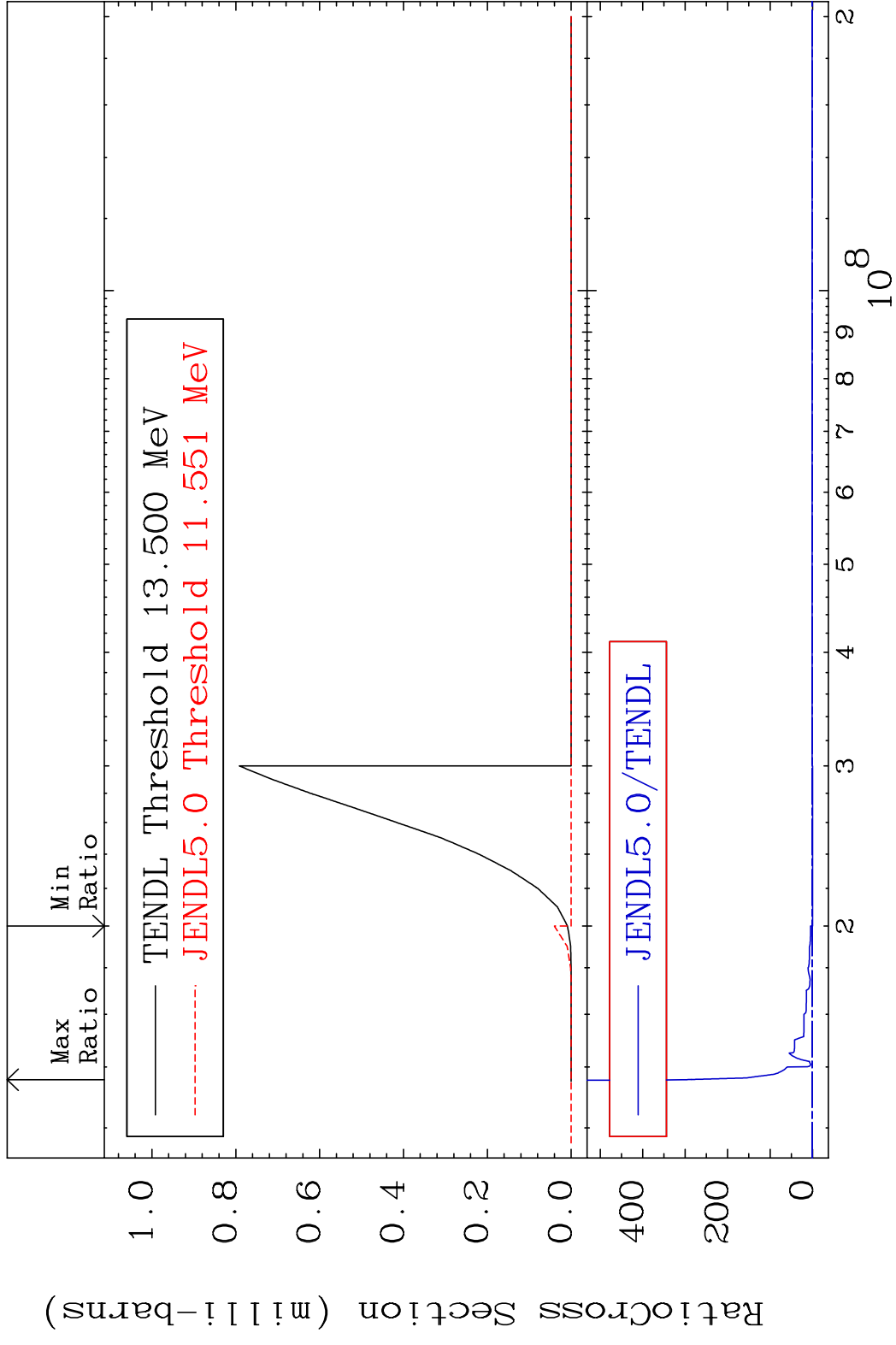


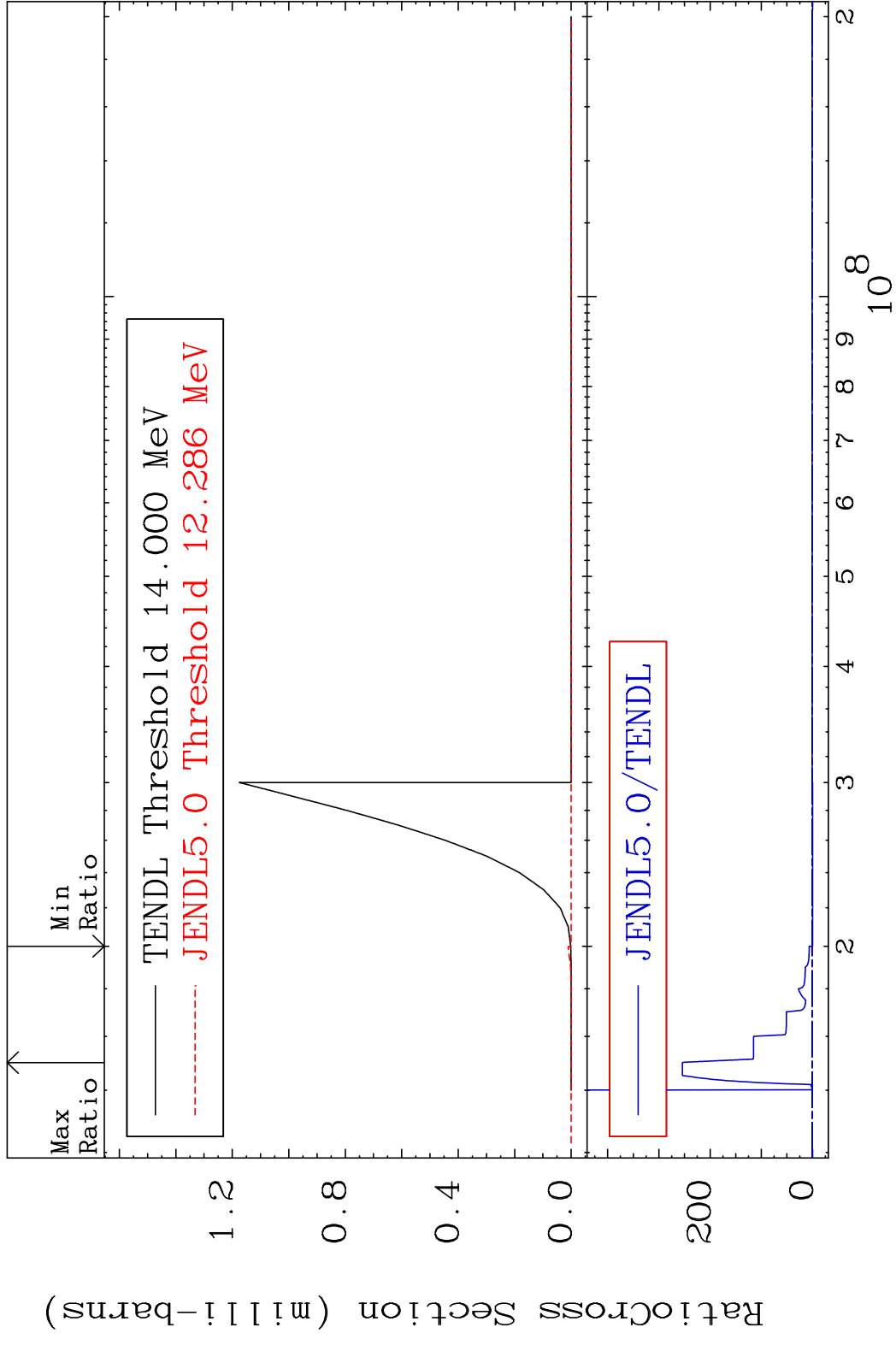
MAT 7328 (n,2n):73-Ta-180m2 73-Ta-181  
 Radionuclide Production Cross Section 134.4 %

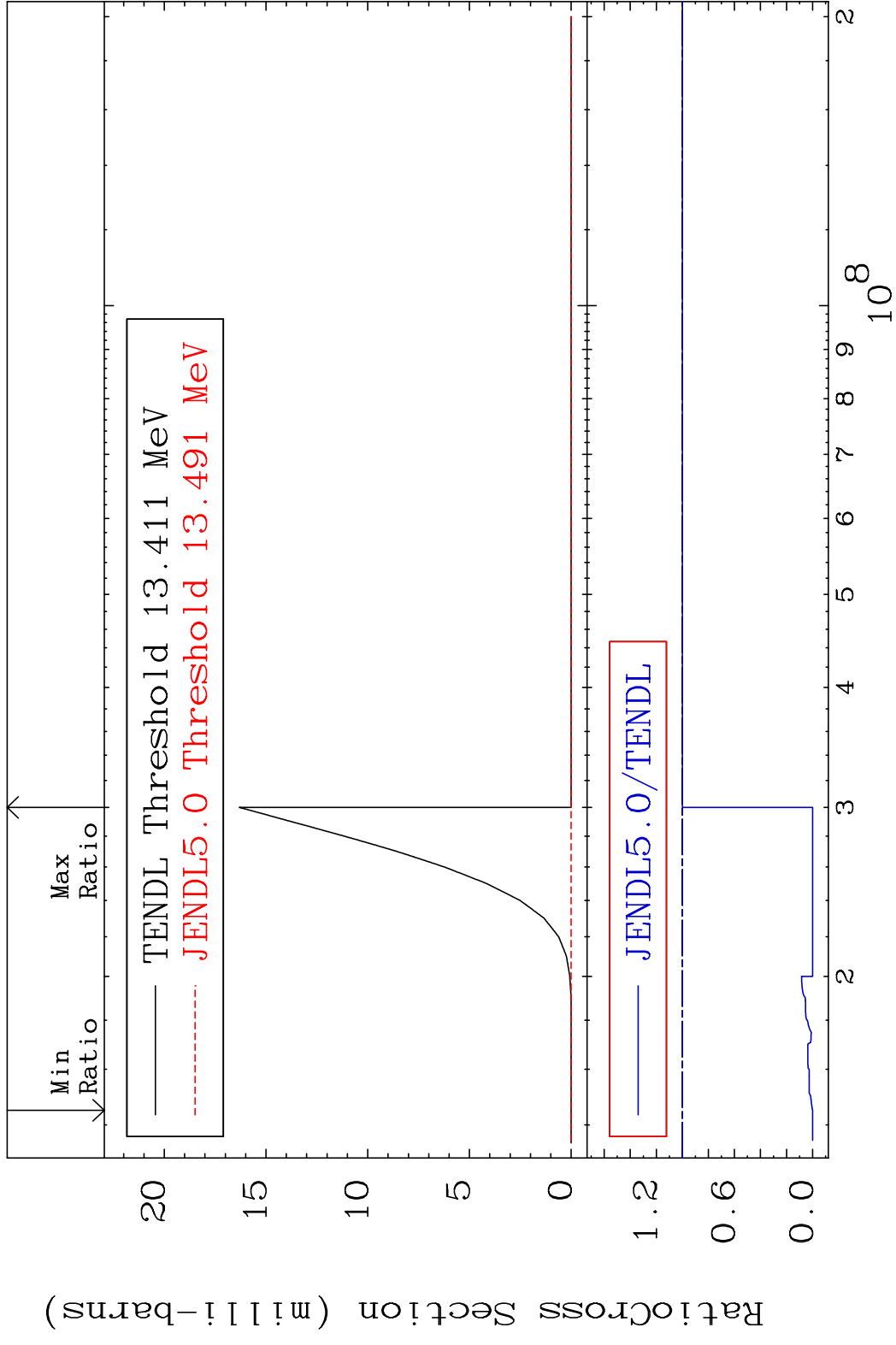


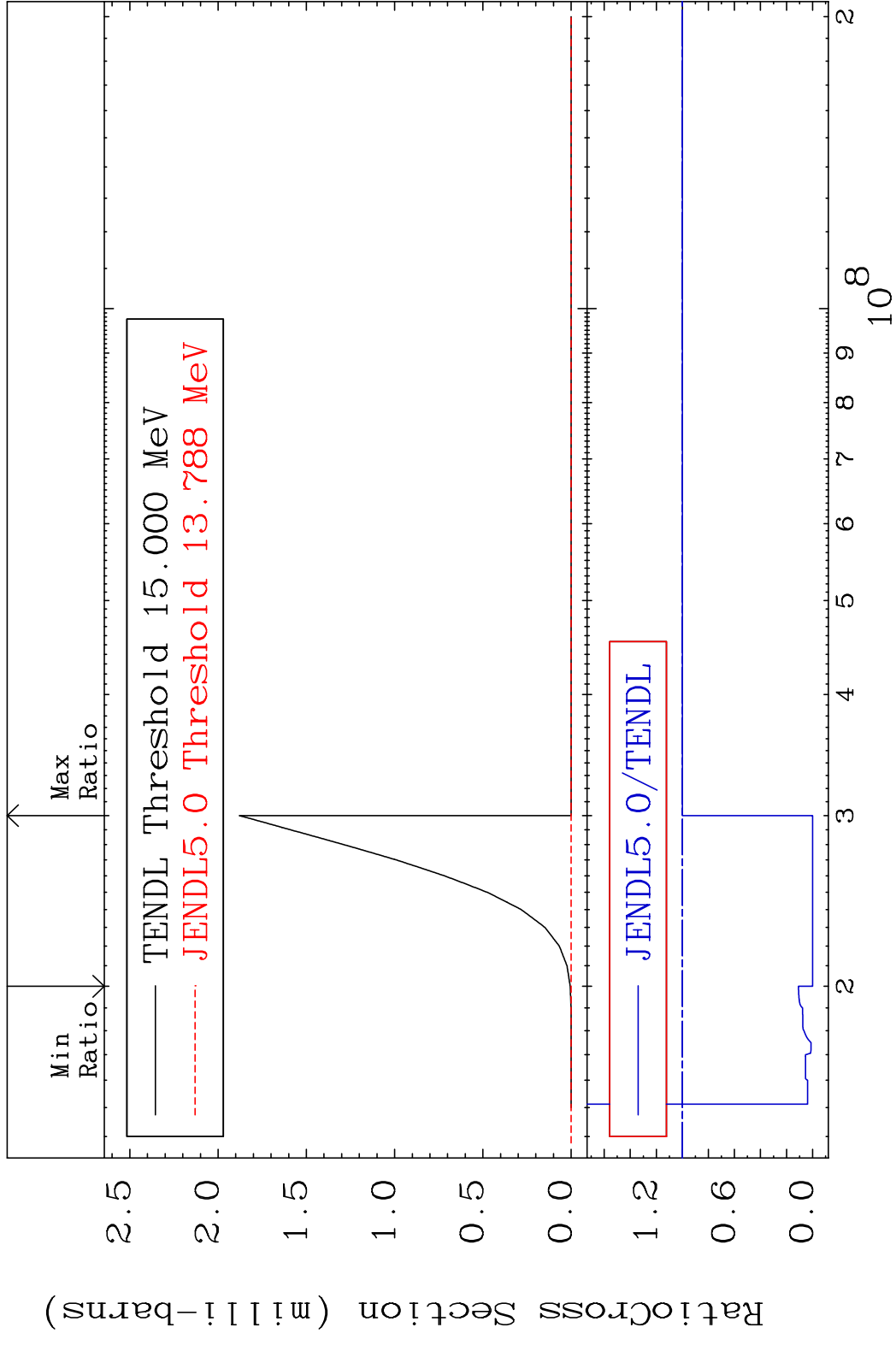


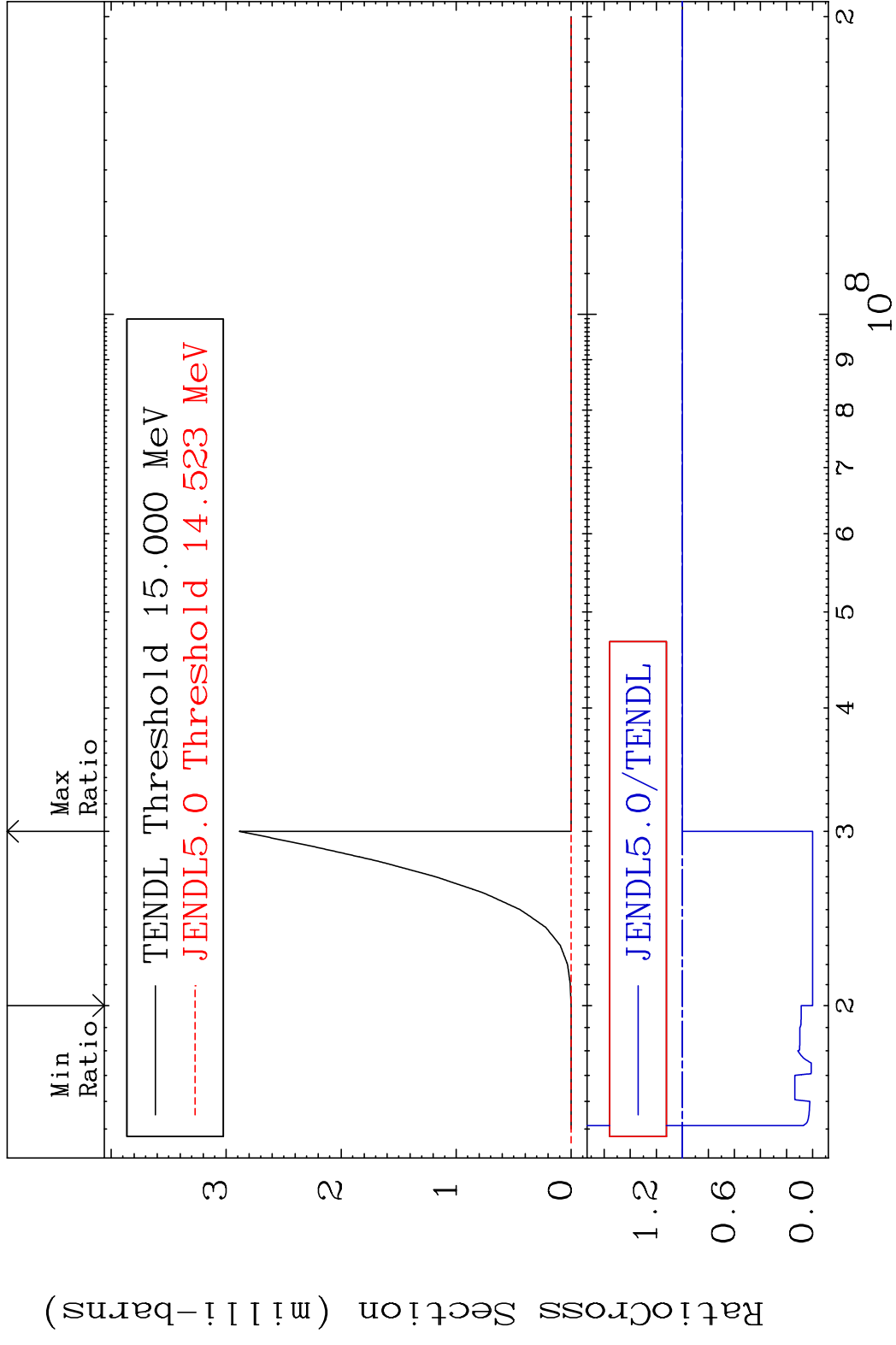


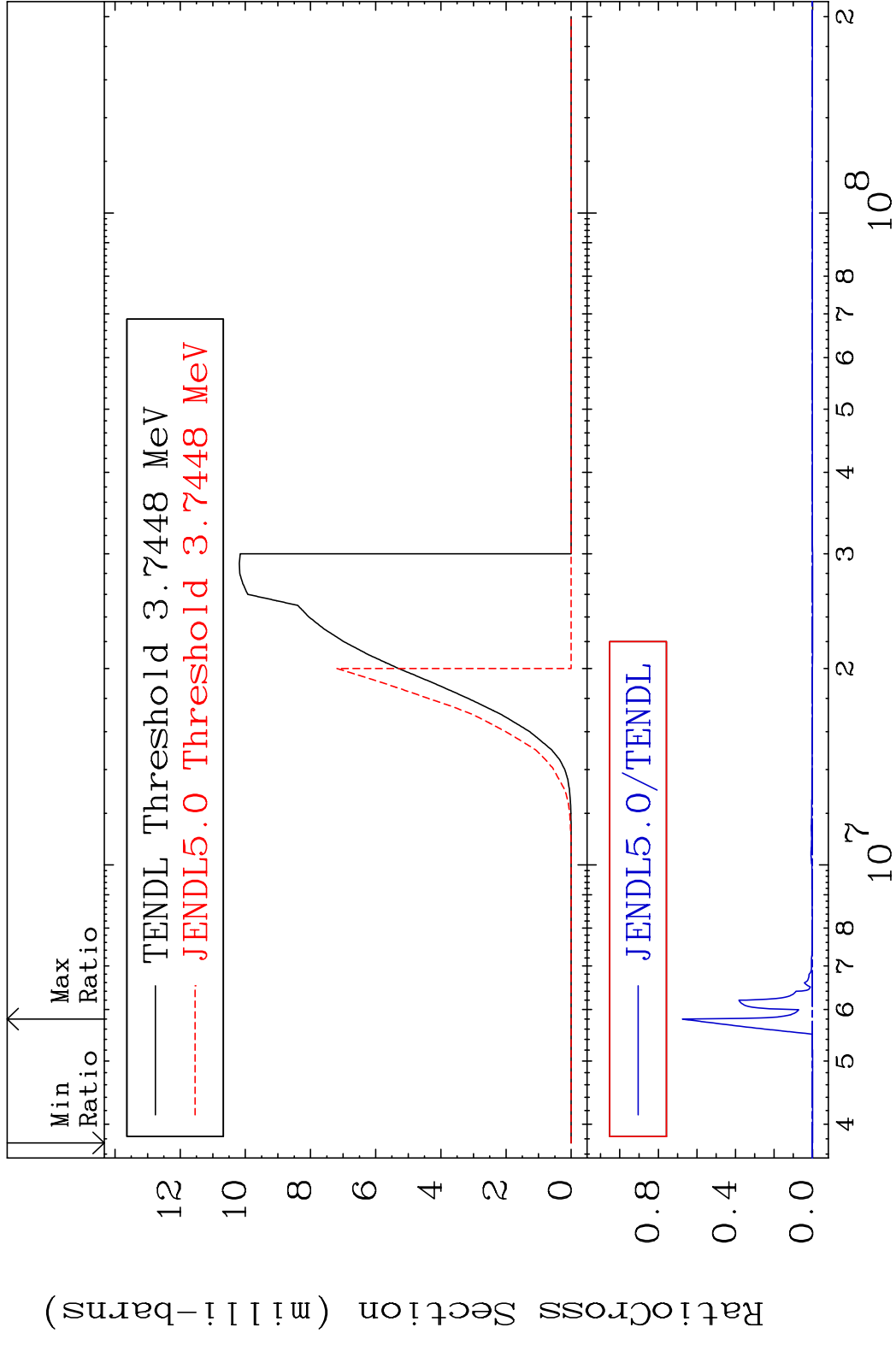


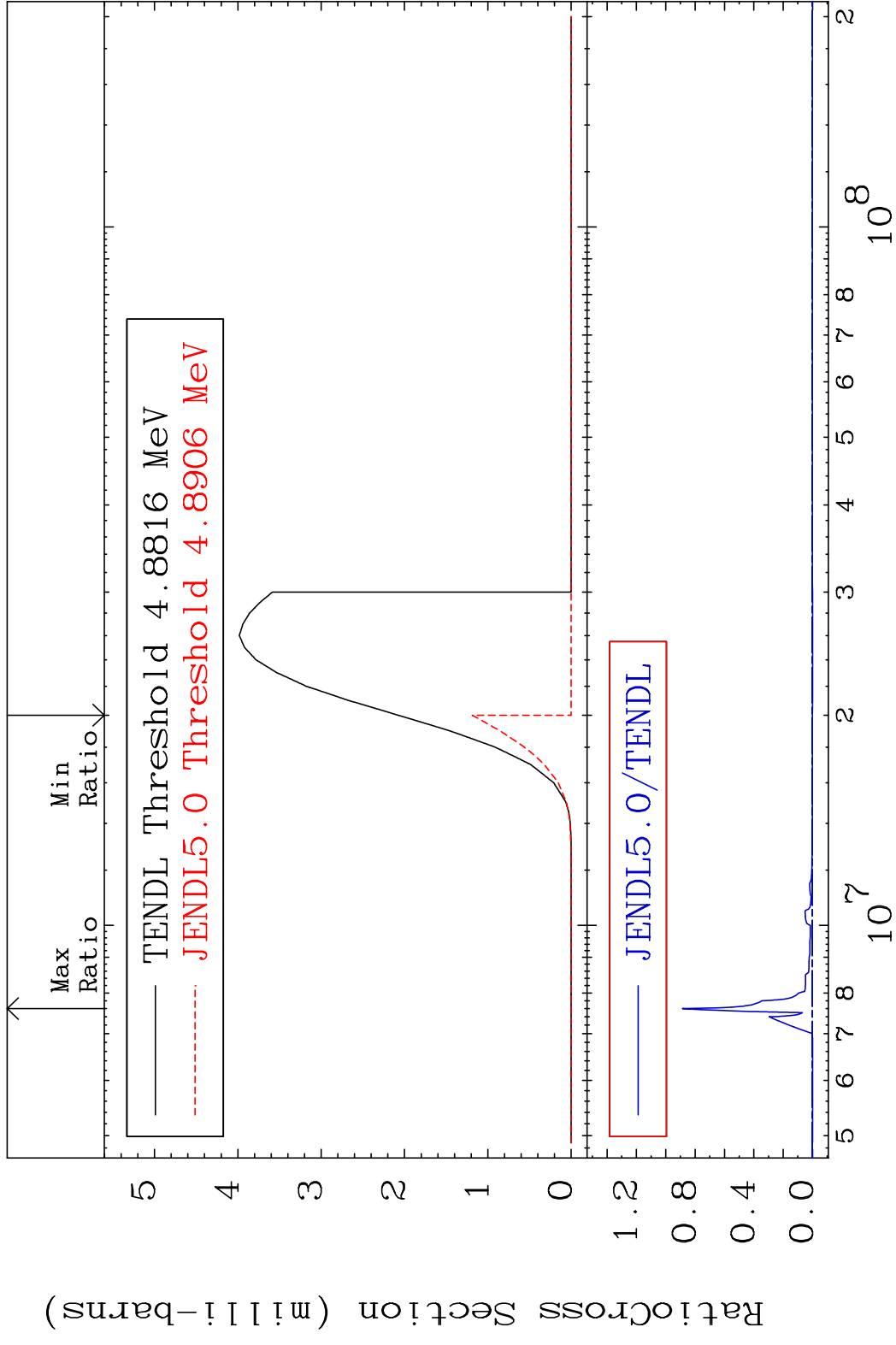












MAT 7328 (n, t):72-Hf-179m5 73-Ta-181  
 Radionuclide Production Cross Section 18000 dtd 9999. %

