

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

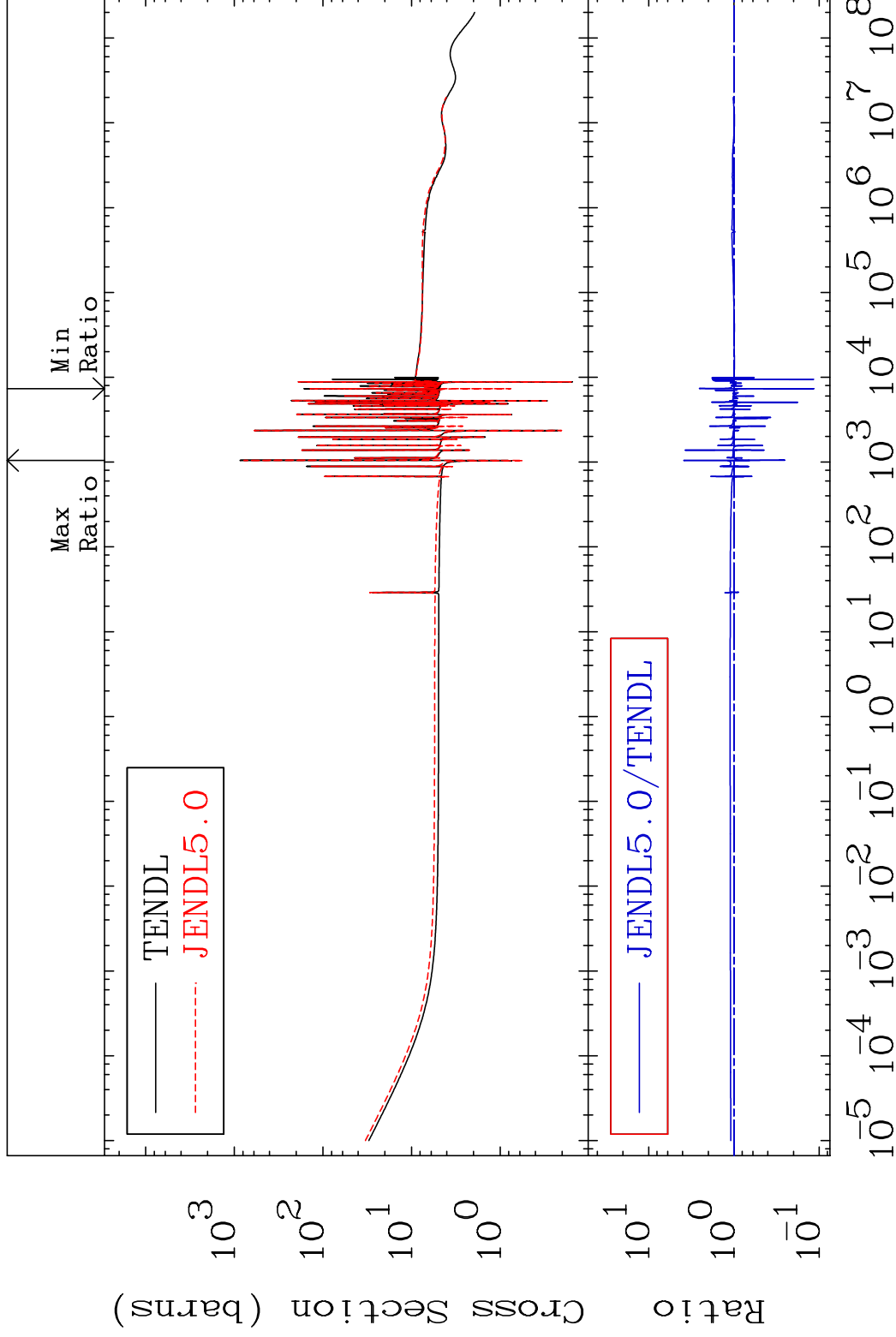
MAT 4855

Total

48-Cd-116

Cross Section

-88.52 To 288.8 %



1

Incident Energy (eV)

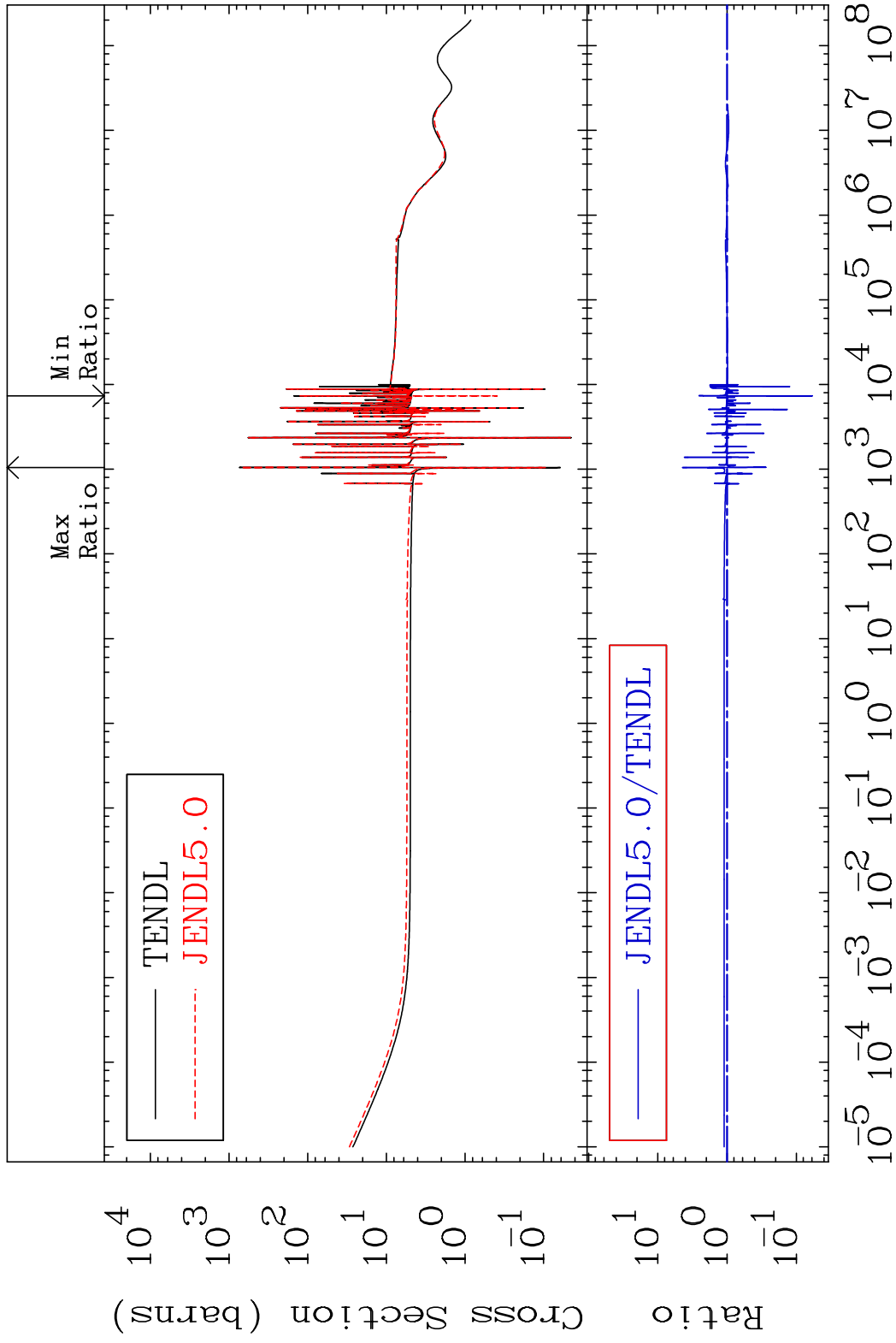
48-Cd-116

MAT 4855

Elastic

48-Cd-116

Cross Section -94.15 To 343.2 %

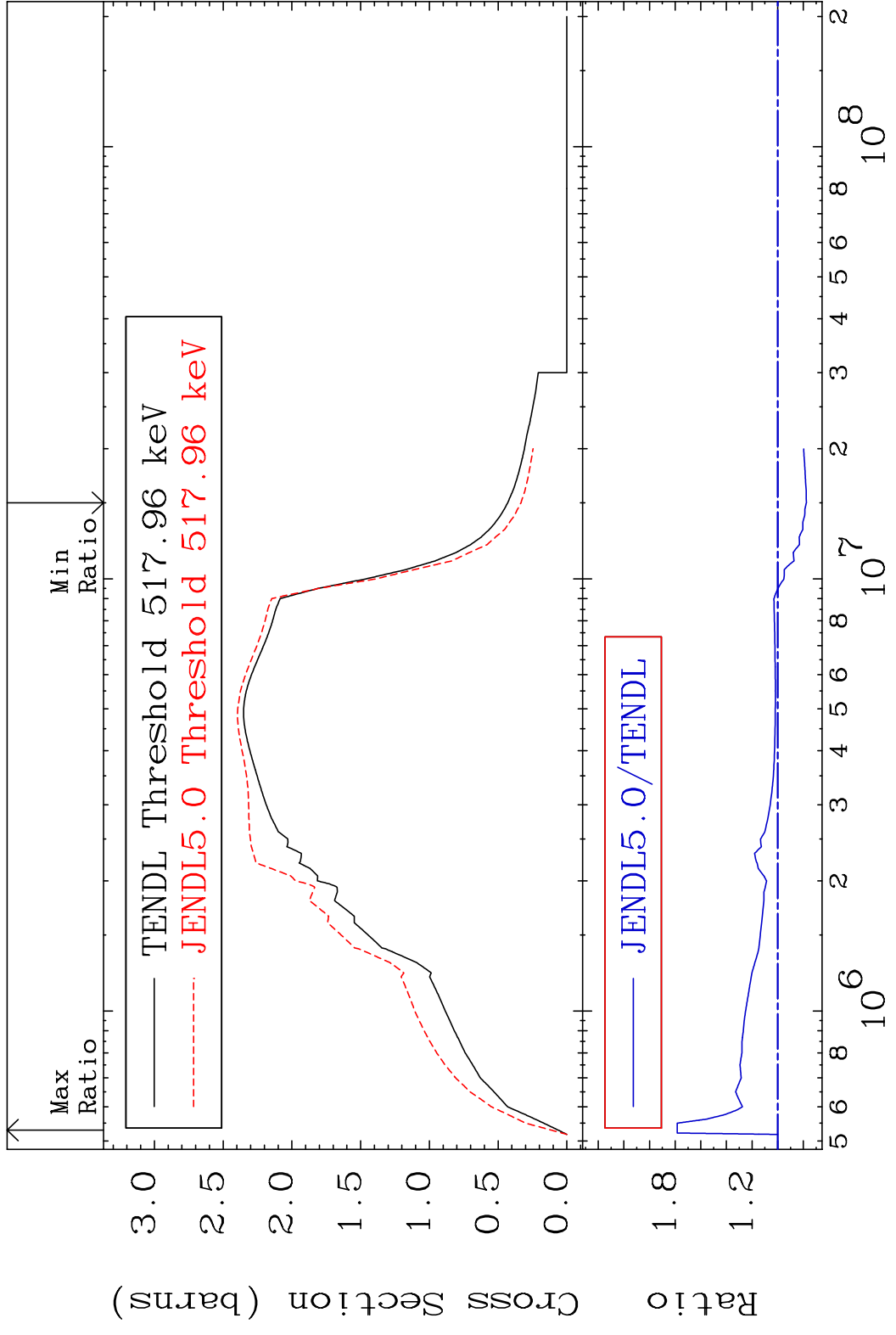


2

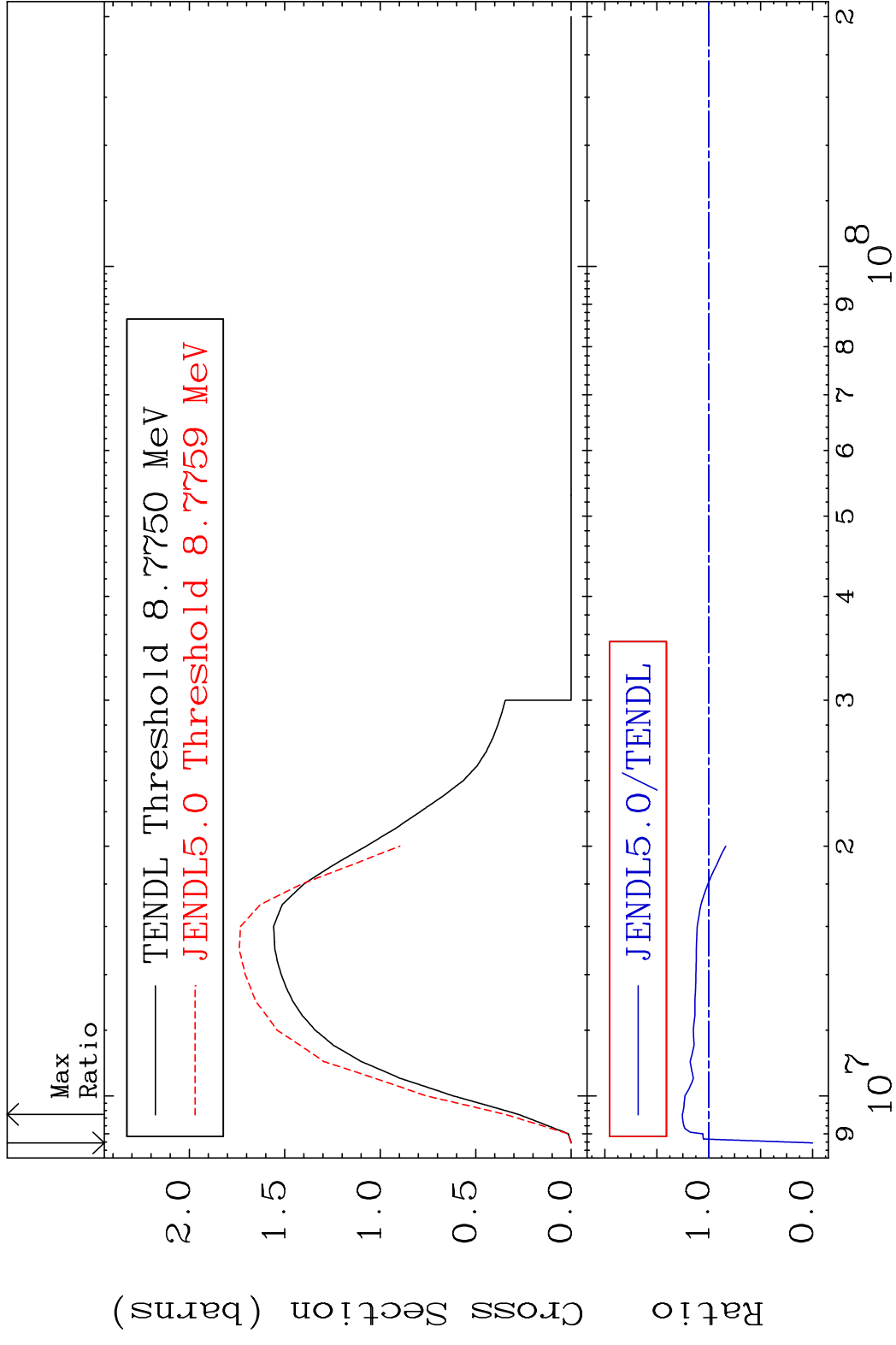
Incident Energy (eV)

48-Cd-116

MAT 4855 Inelastic 48-Cd-116  
 Cross Section -22.40 To 78.43 %



MAT 4855 (n,2n) 48-Cd-116  
Cross Section -100.0 To 25.39 %



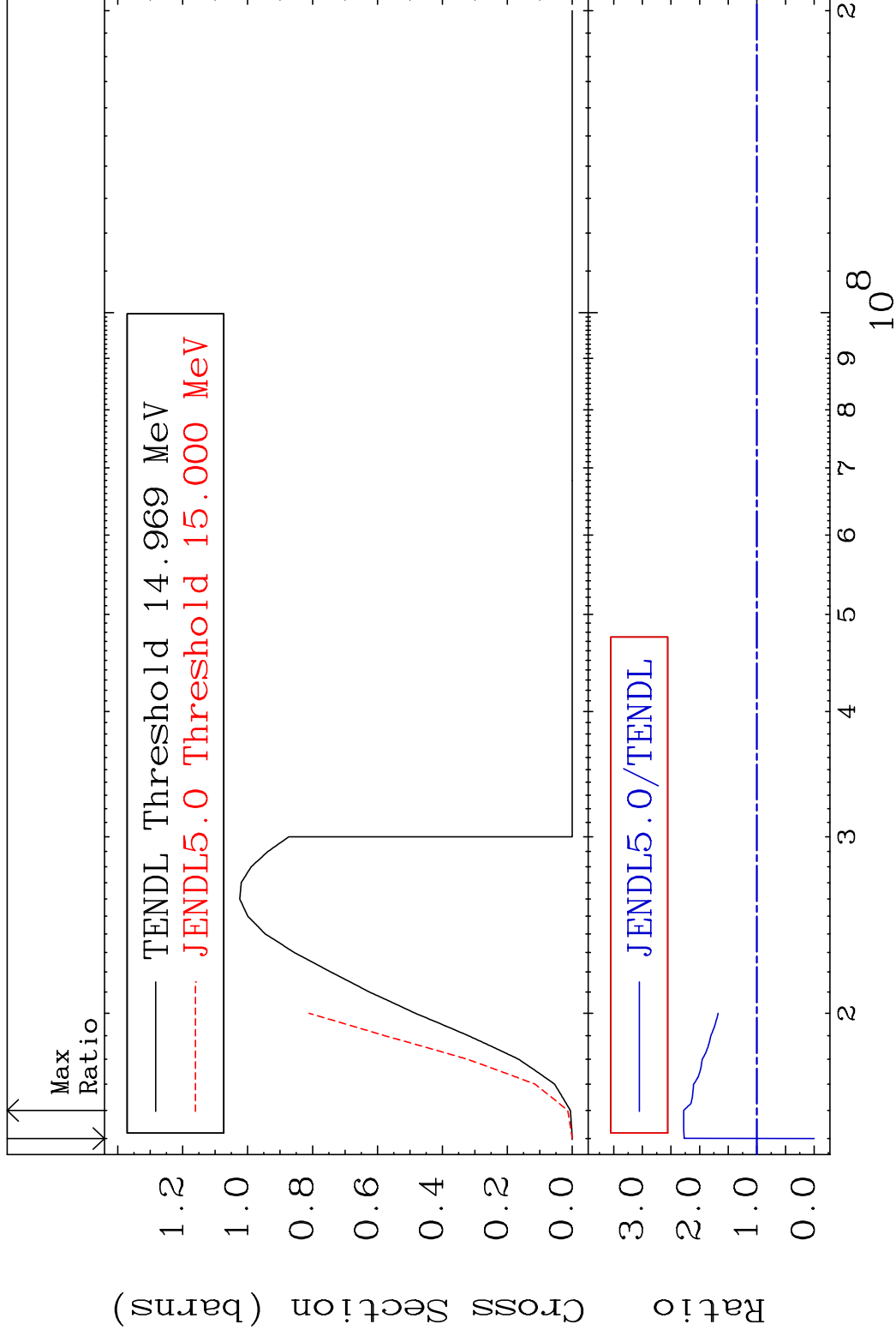
4 Incident Energy (eV) 48-Cd-116

MAT 4855

(n,3n)

48-Cd-116

Cross Section -100.0 To 127.9 %

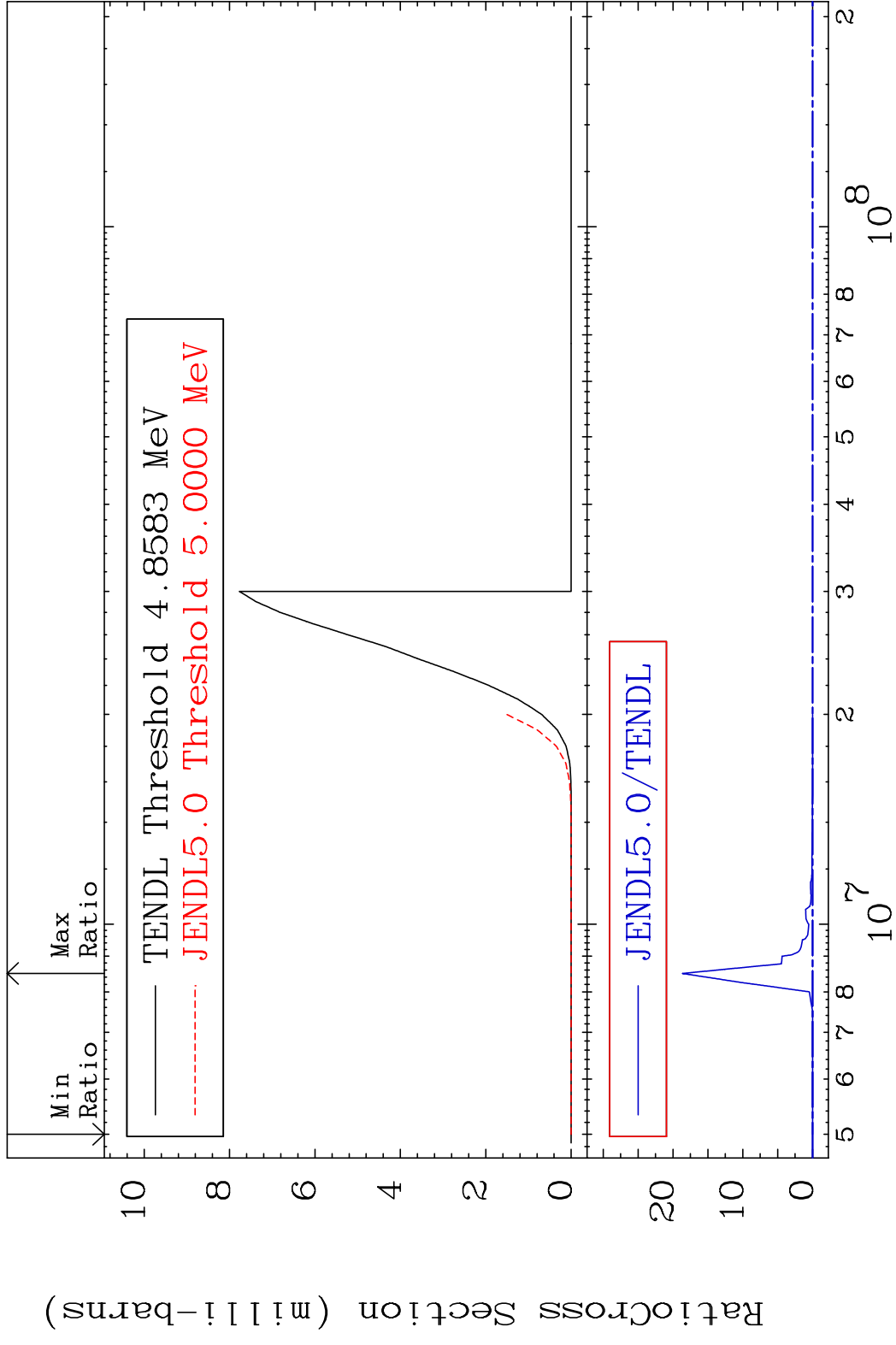


5

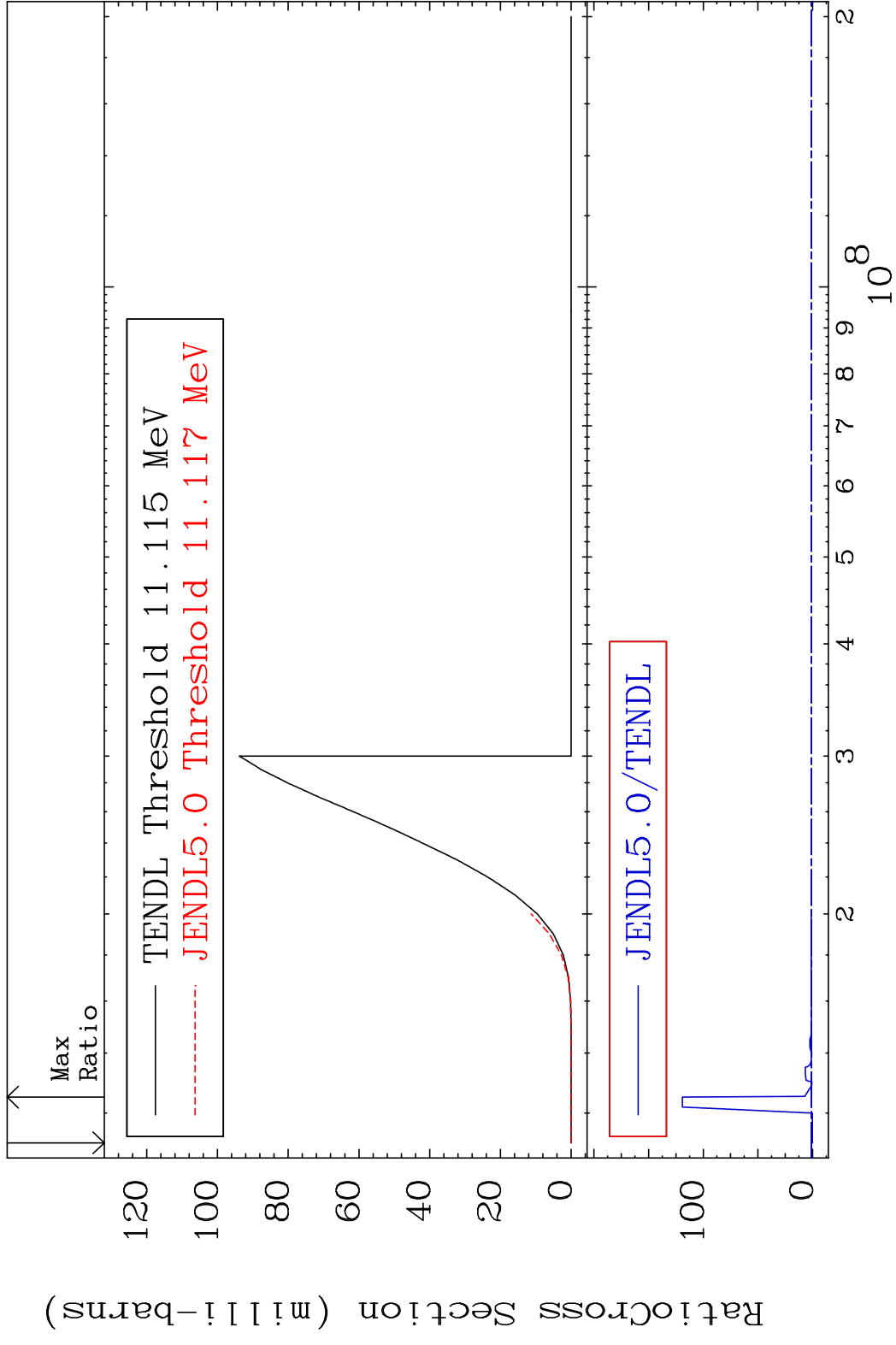
Incident Energy (eV)

48-Cd-116

MAT 4855 (n, n')  $\alpha$  48-Cd-116  
 Cross Section -100.0 To 9999. %



MAT 4855 (n, n') p 48-Cd-116  
 Cross Section -100.0 To 9999. %

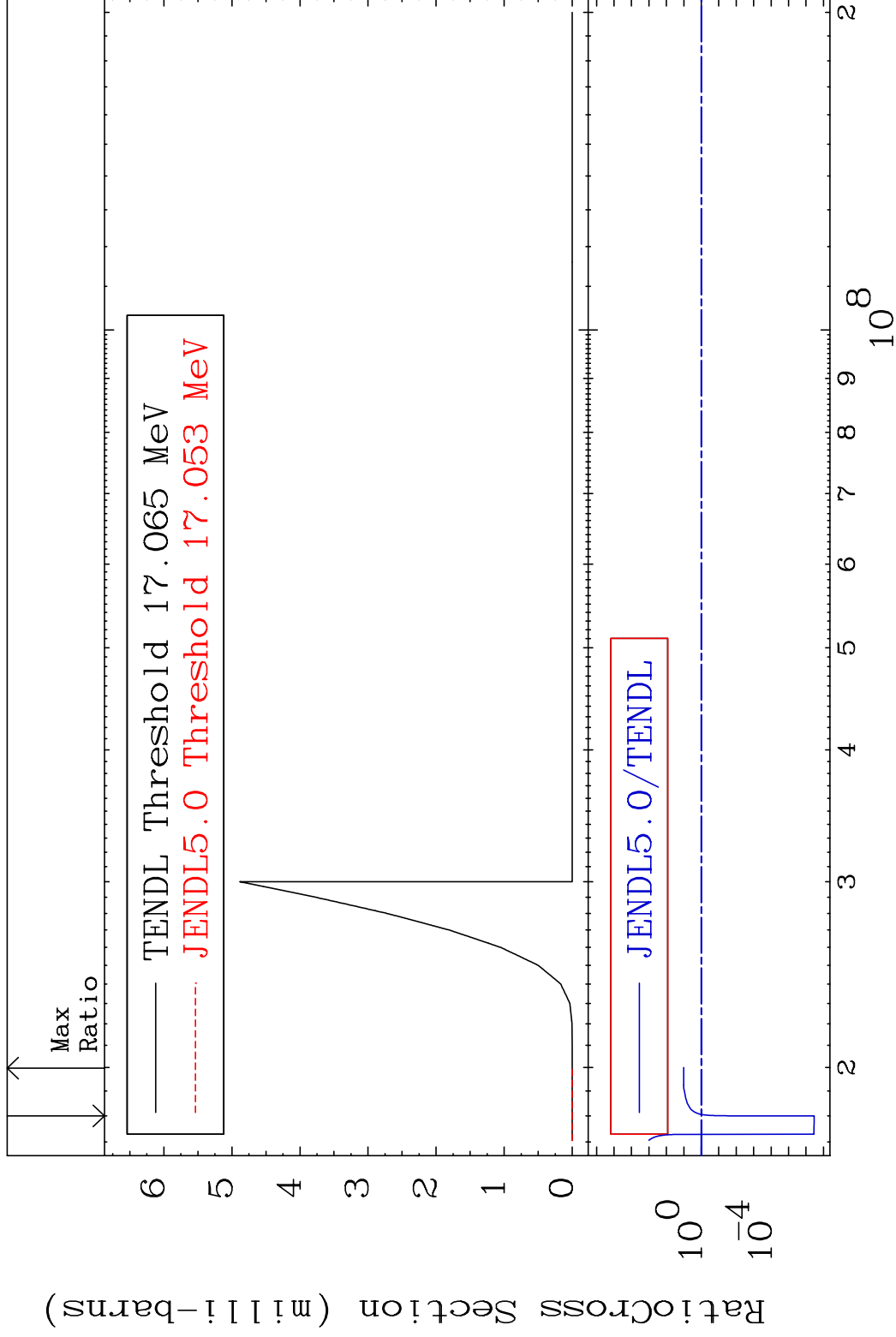


MAT 4855

(n, n') d

48-Cd-116

Cross Section -100.0 To 924.6 %

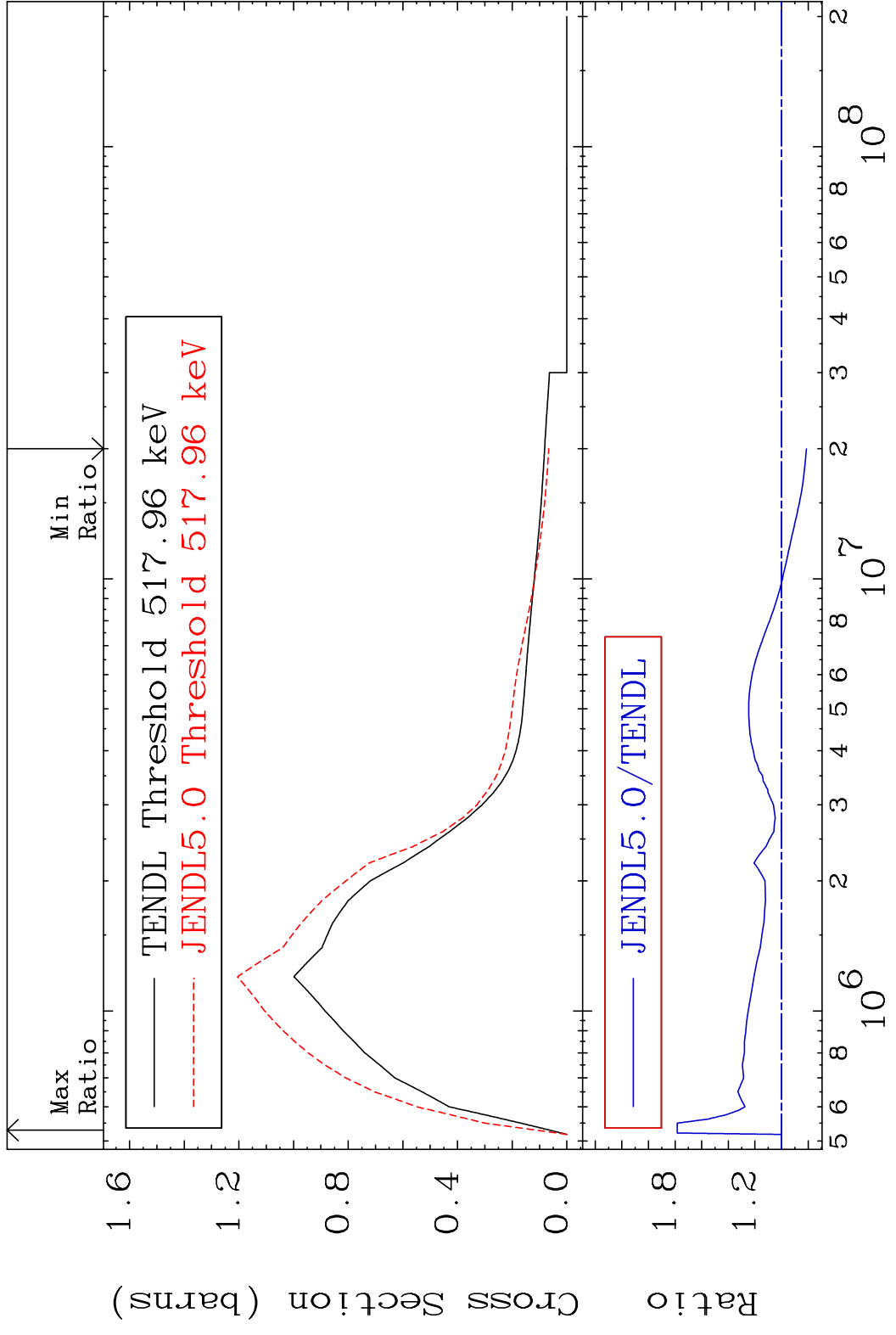


8

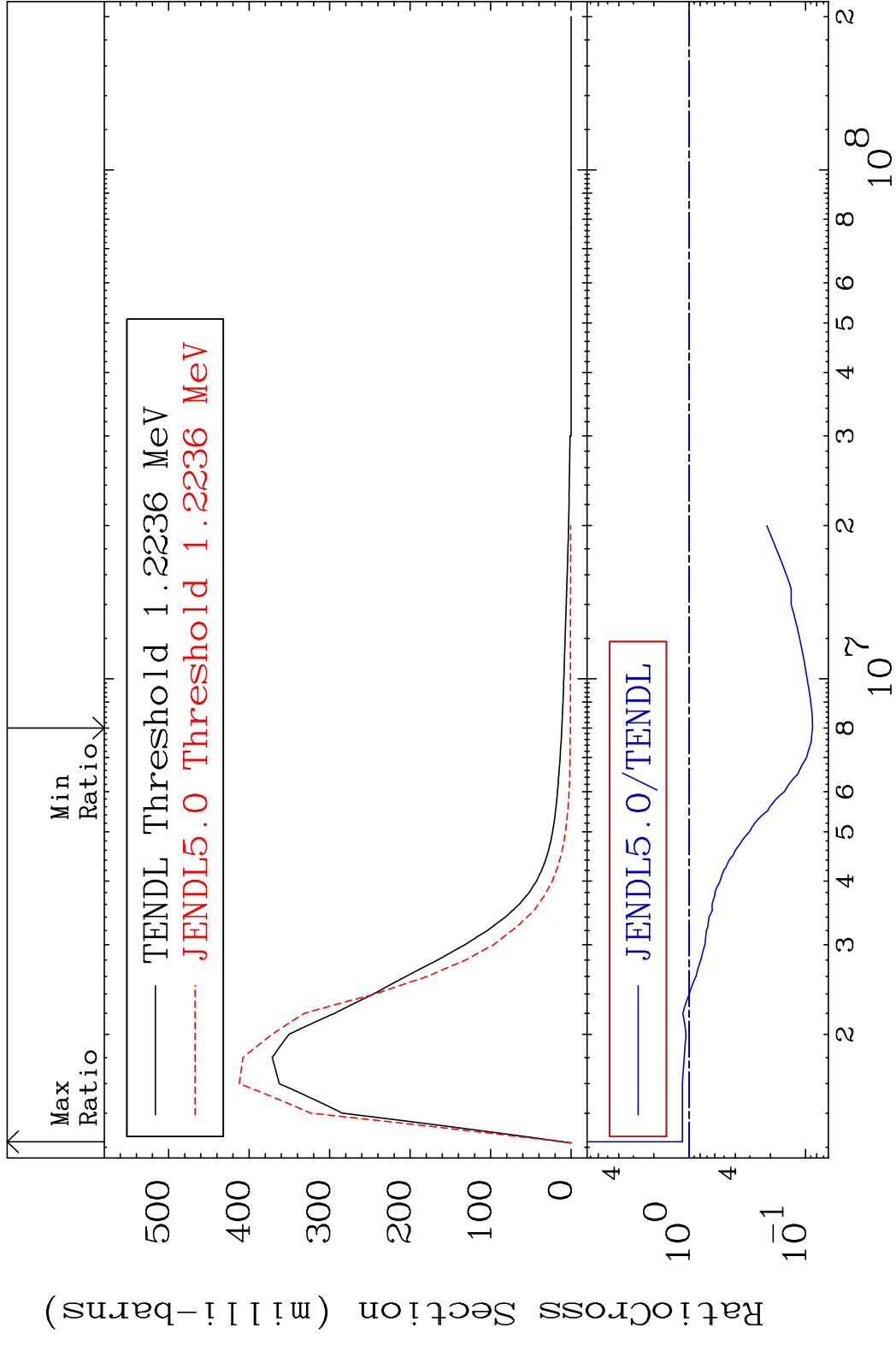
Incident Energy (eV)

48-Cd-116

MAT 4855 MT= 51 (n, n') Level 48-Cd-116  
 Cross Section -18.68 To 78.43 %

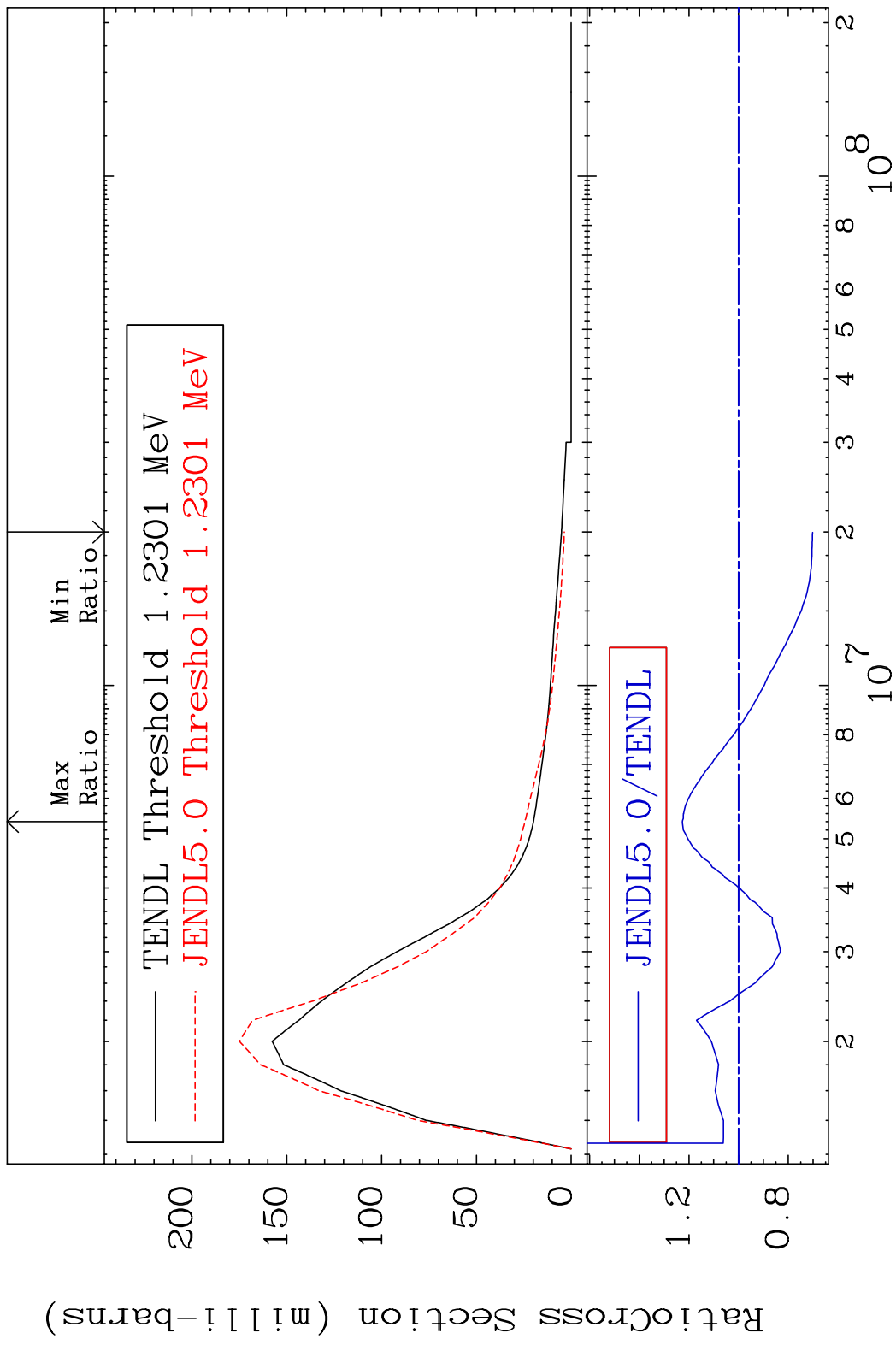


MAT 4855 MT= 52 (n,n') Level 48-Cd-116  
 Cross Section -91.30 To 13.90 %

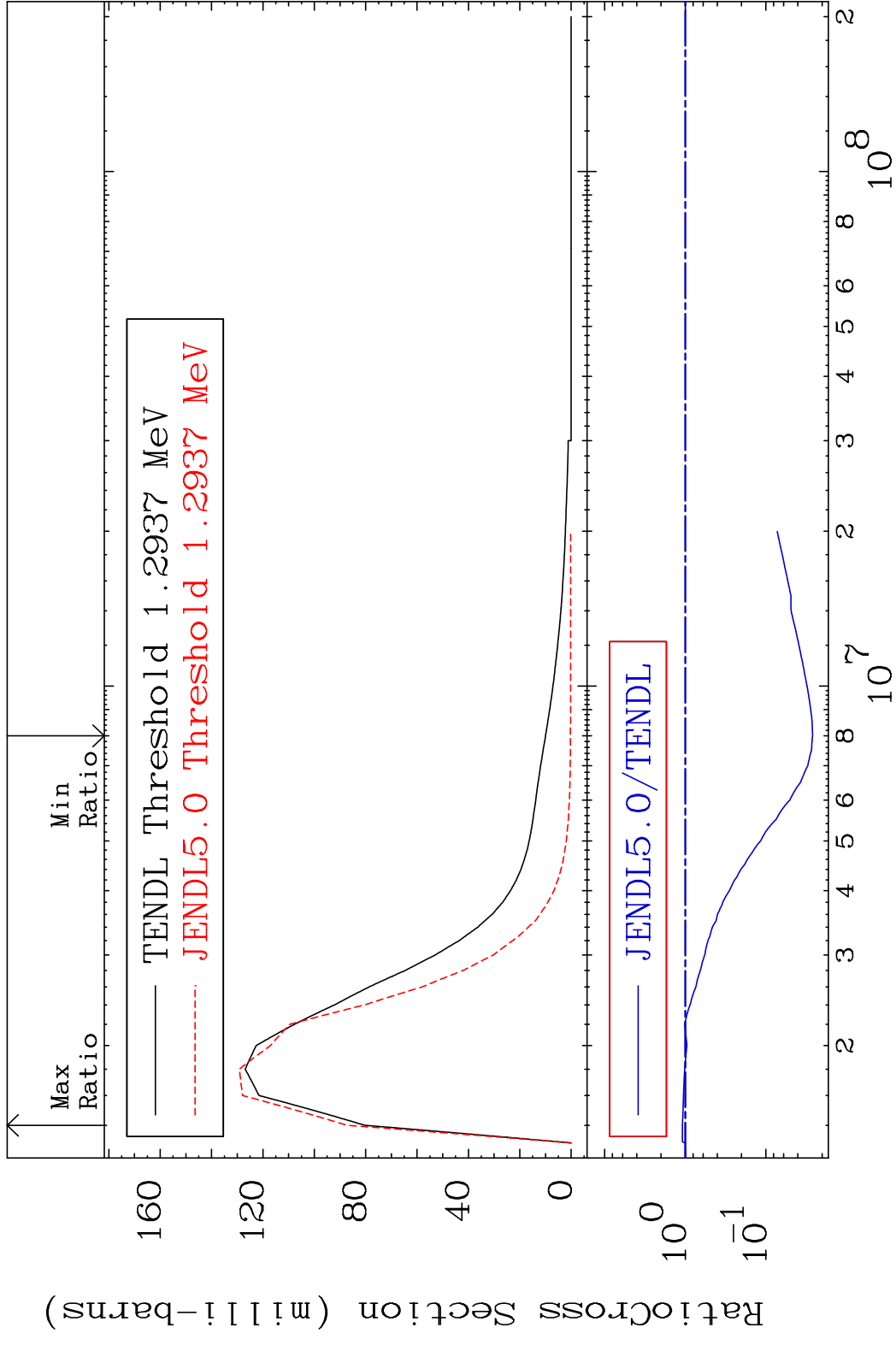


10 Incident Energy (eV) 48-Cd-116

MAT 4855 MT= 53 (n, n') Level 48-Cd-116  
 Cross Section -29.79 To 22.64 %

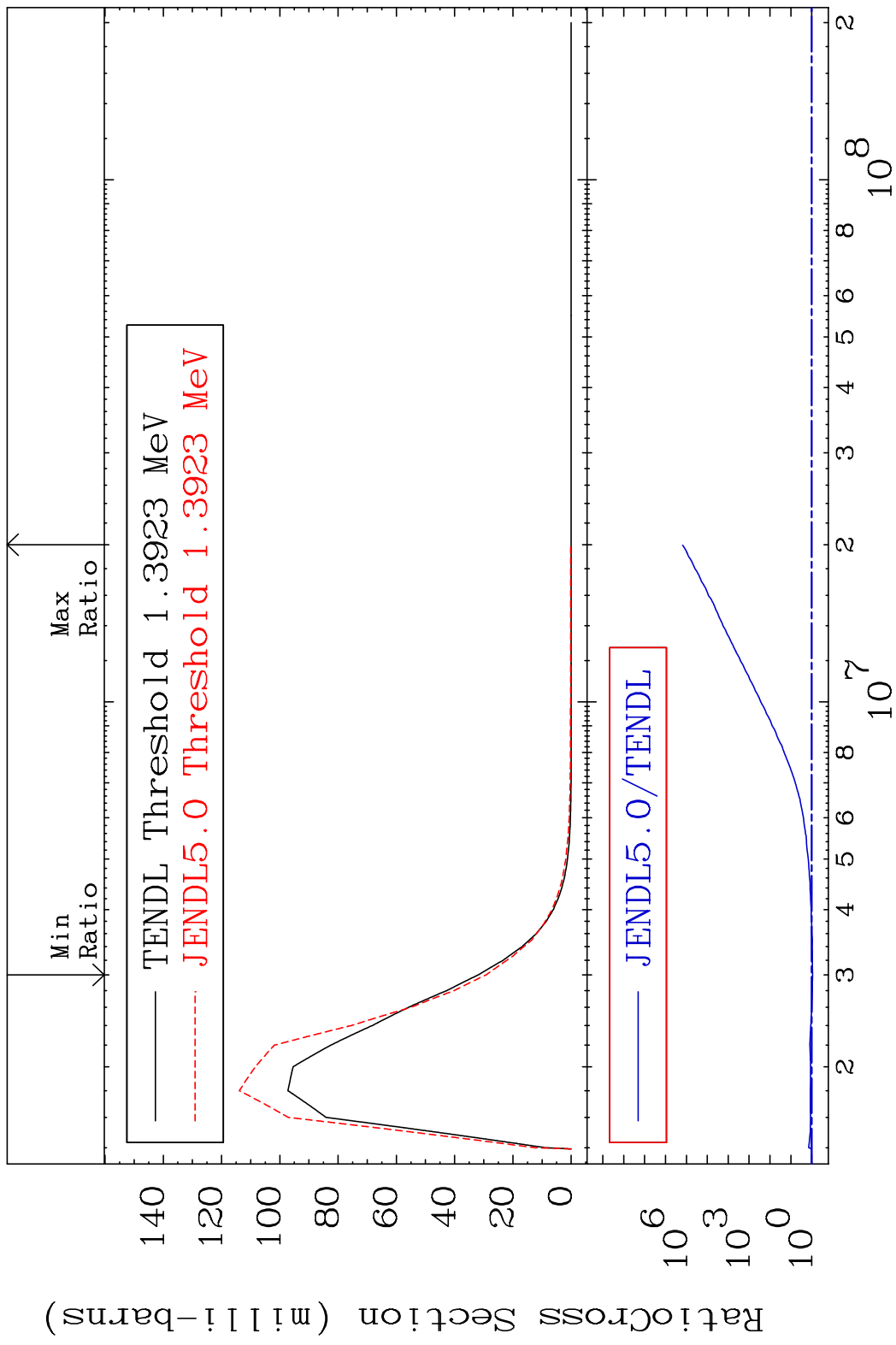


MAT 4855 MT= 54 (n,n') Level 48-Cd-116  
 Cross Section -97.37 To 8.603 %

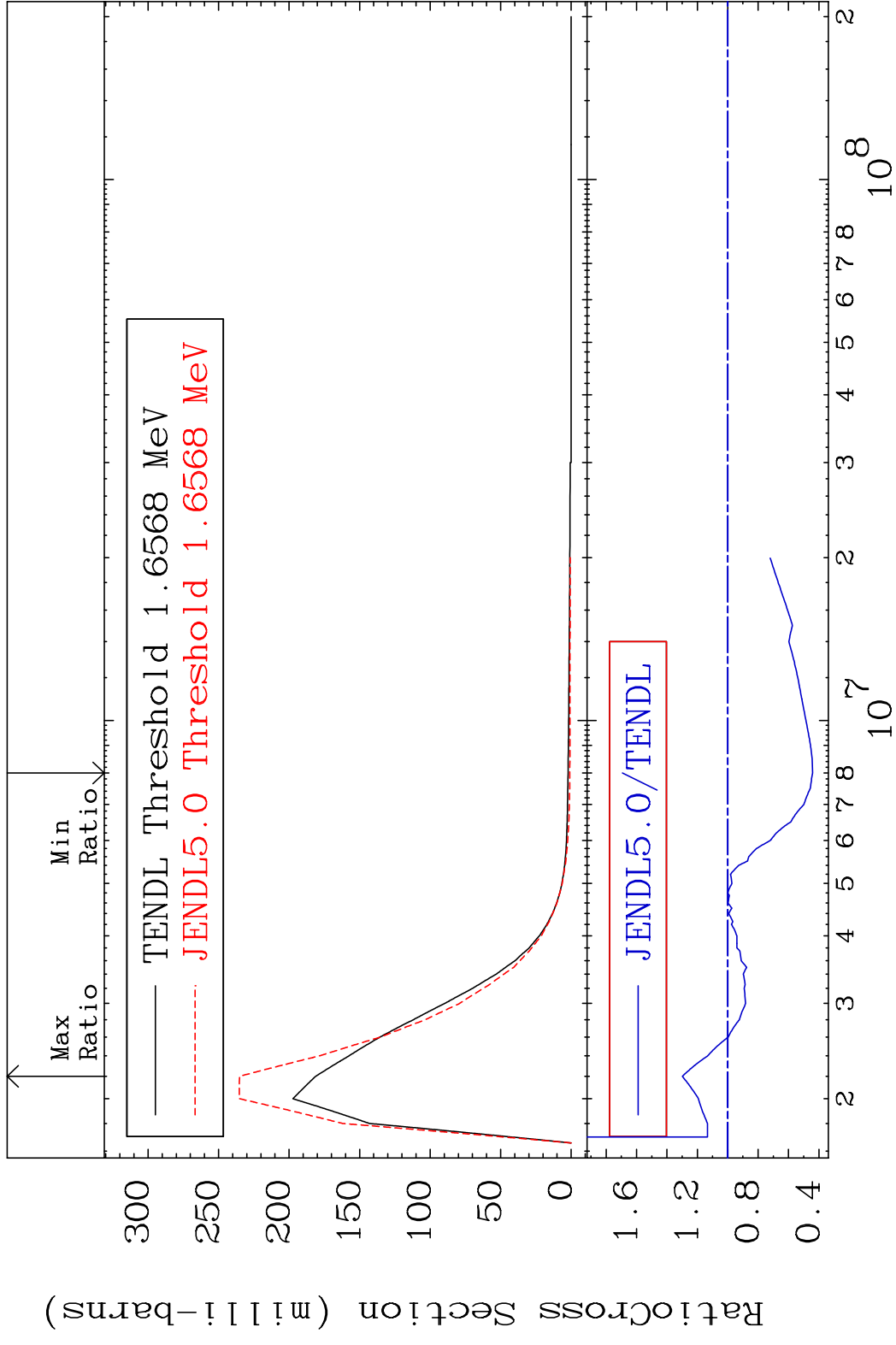


12 48-Cd-116

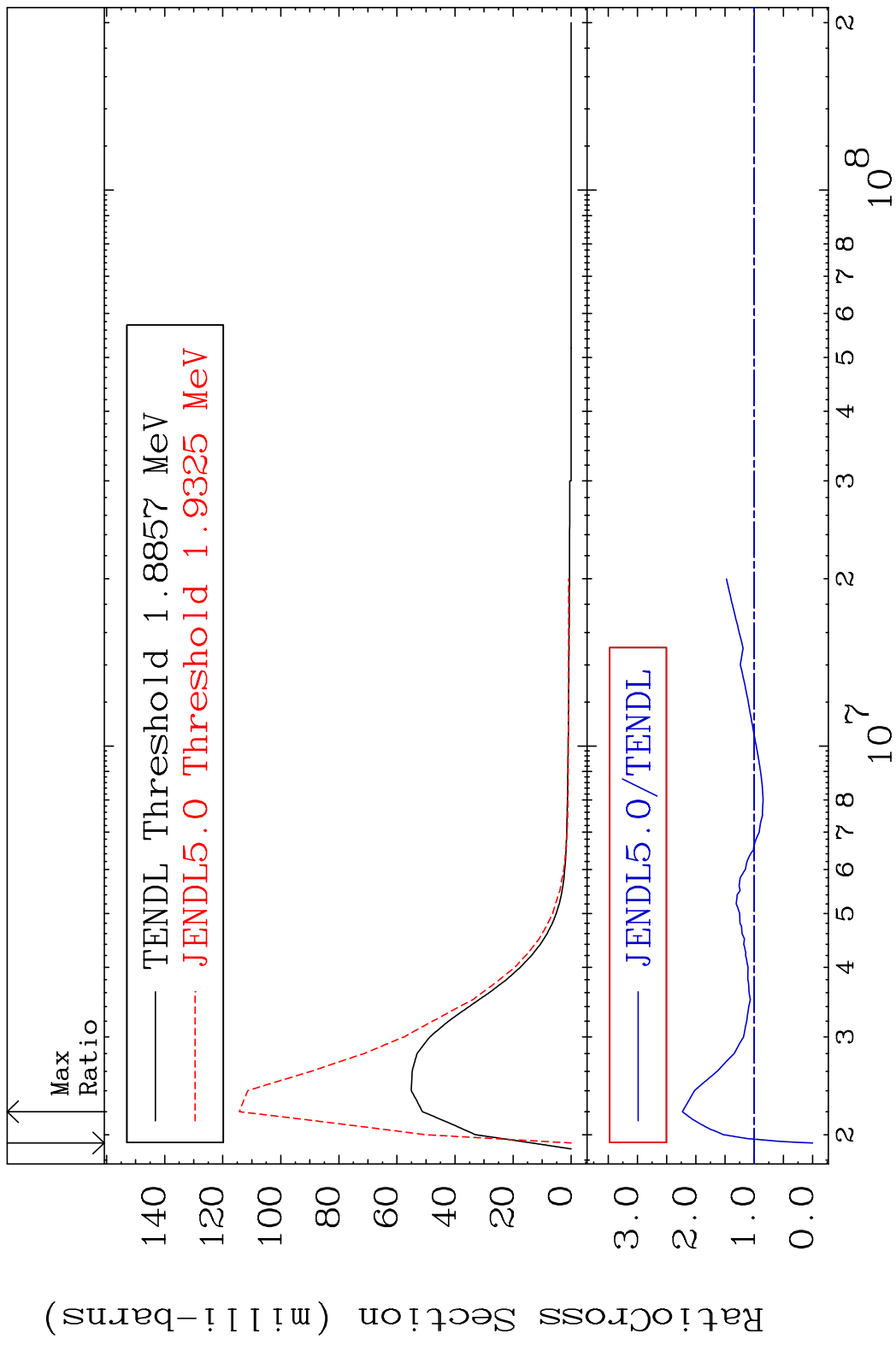
MAT 4855 MT= 55 (n, n') Level 48-Cd-116  
 Cross Section -8.314 To 9999. %



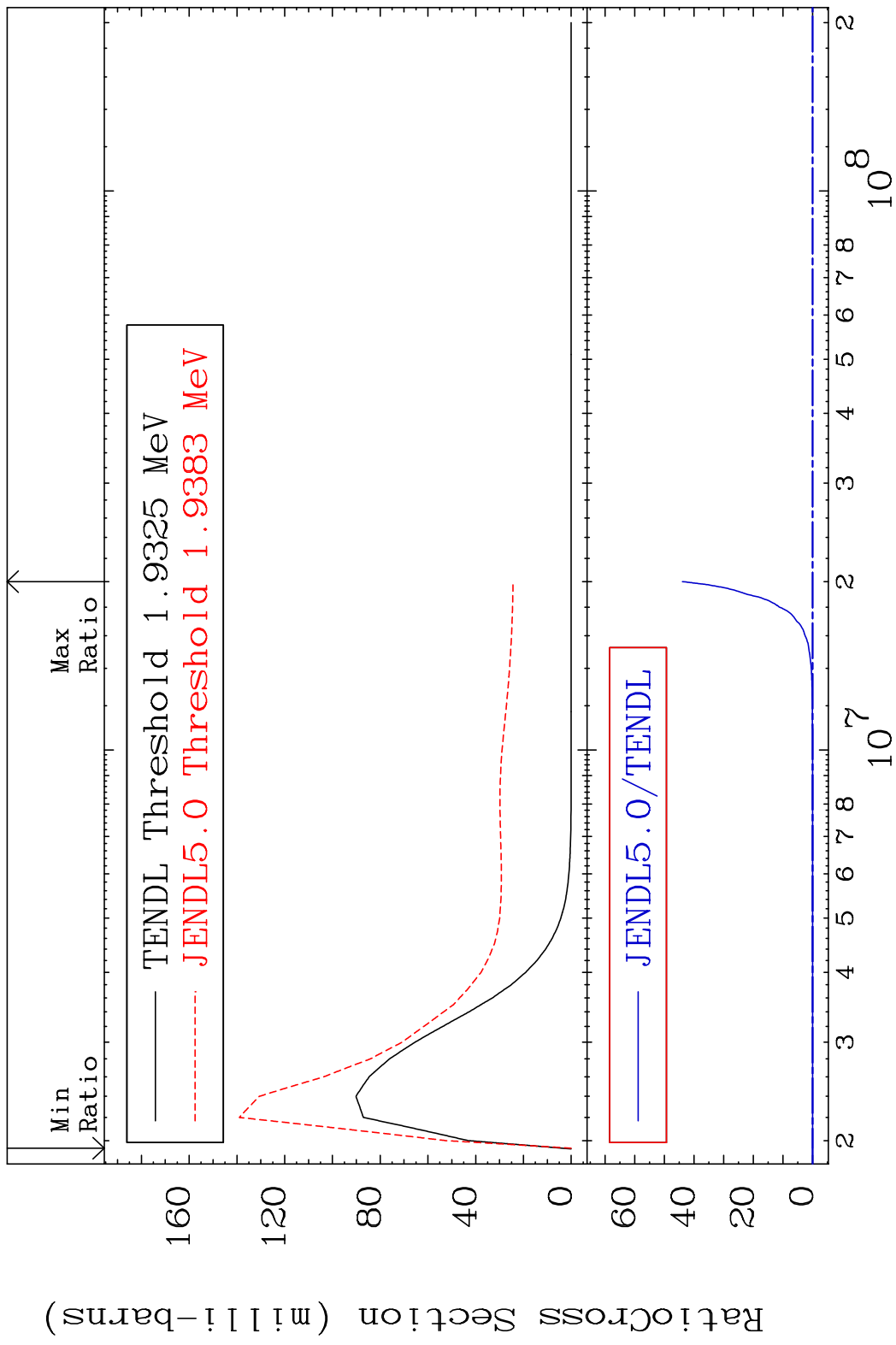
MAT 4855 MT= 56 (n,n') Level 48-Cd-116  
 Cross Section -55.81 To 29.85 %



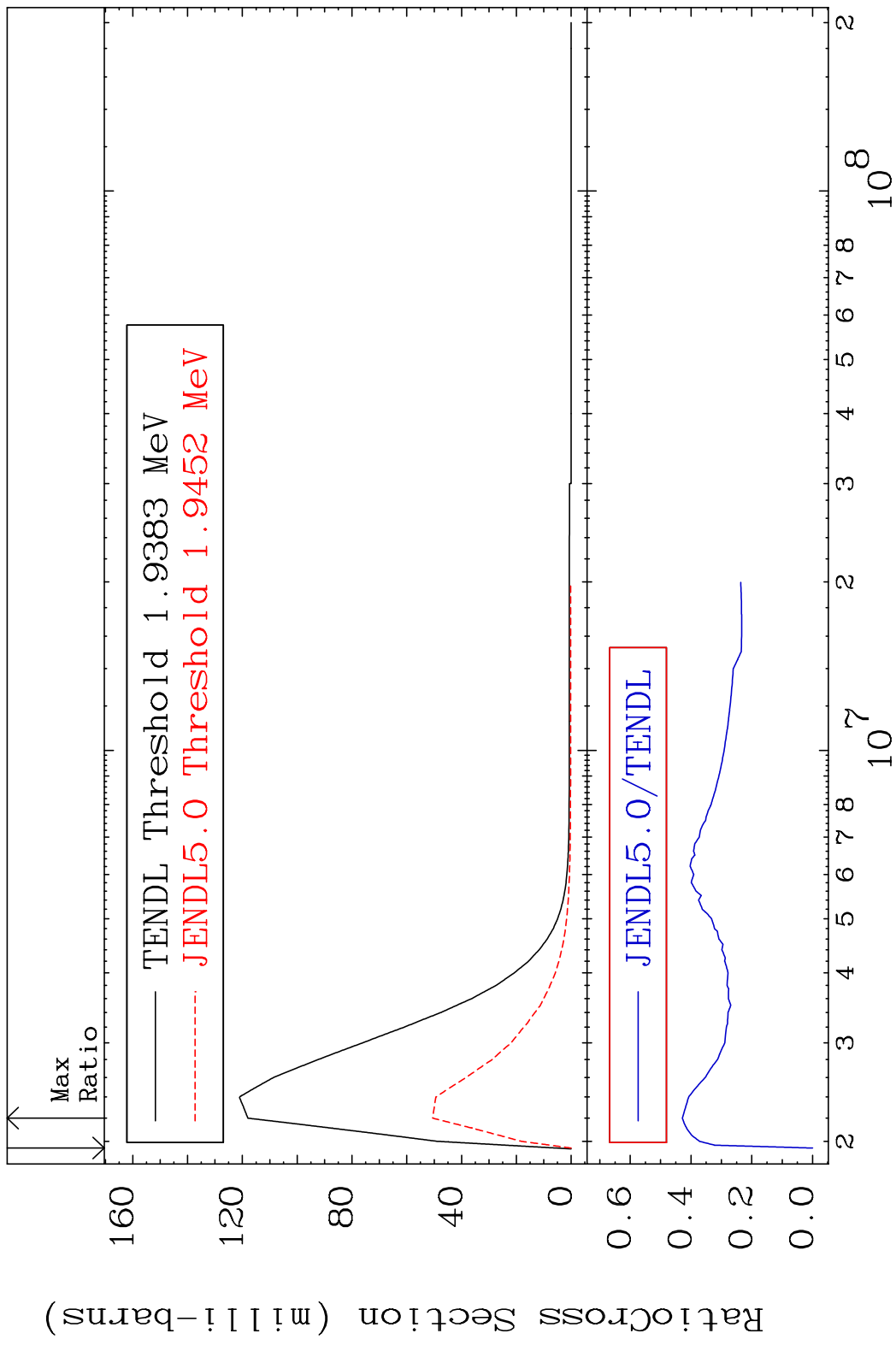
MAT 4855 MT= 57 (n,n') Level 48-Cd-116  
 Cross Section -100.0 To 123.1 %



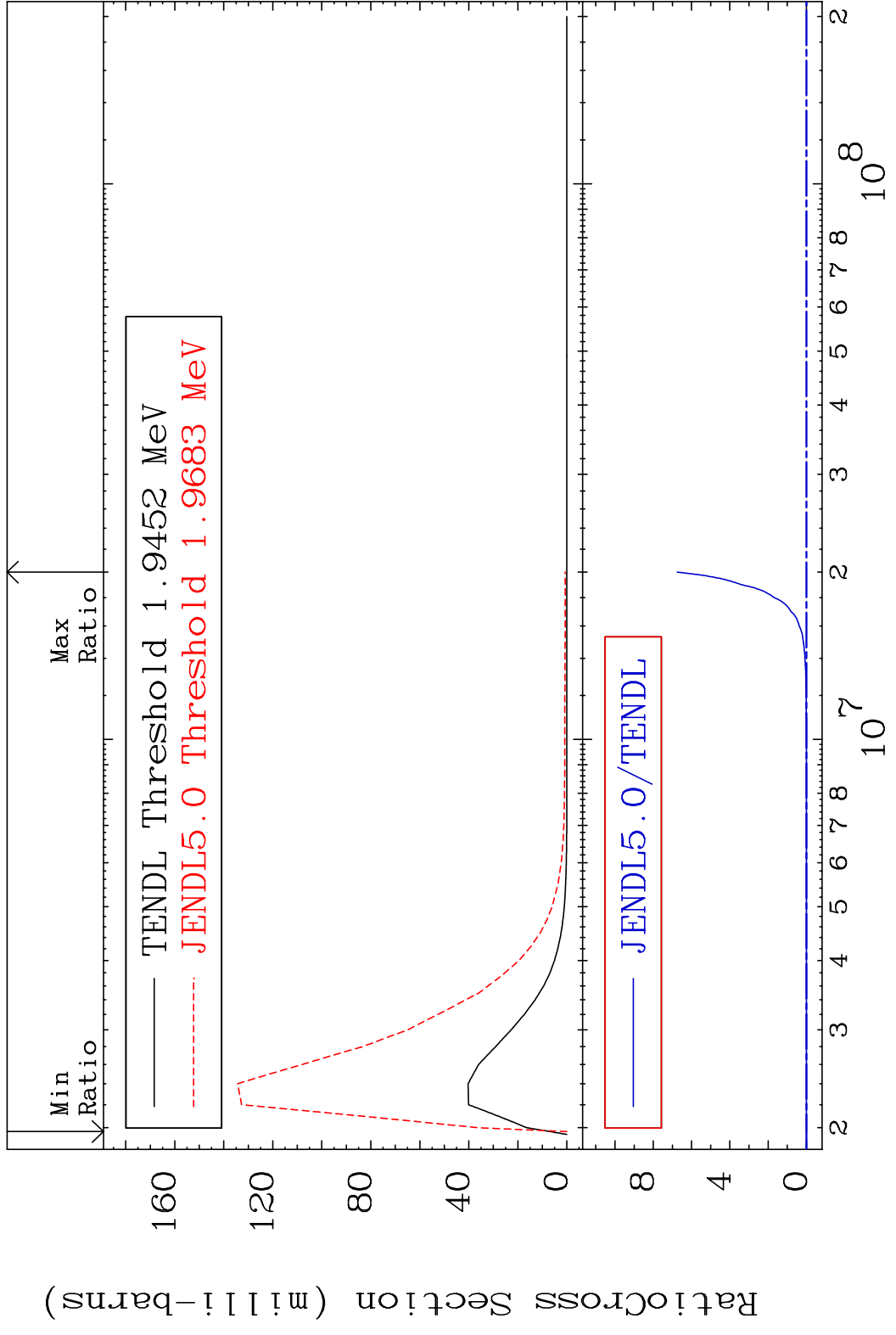
MAT 4855 MT= 58 (n, n') Level 48-Cd-116  
 Cross Section -100.0 To 9999. %



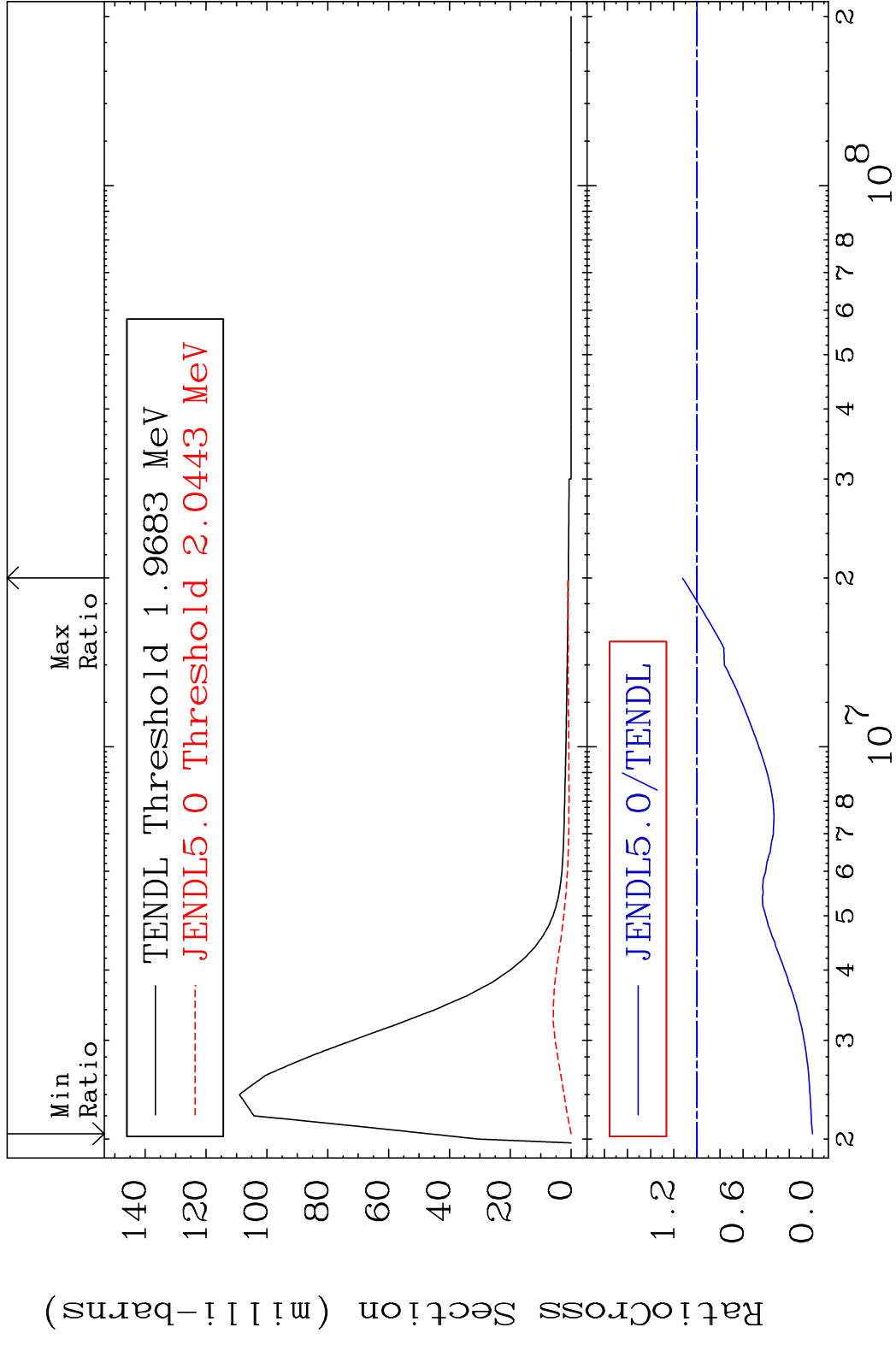
MAT 4855 MT= 59 (n, n') Level 48-Cd-116  
 Cross Section -100.0 To -57.16%



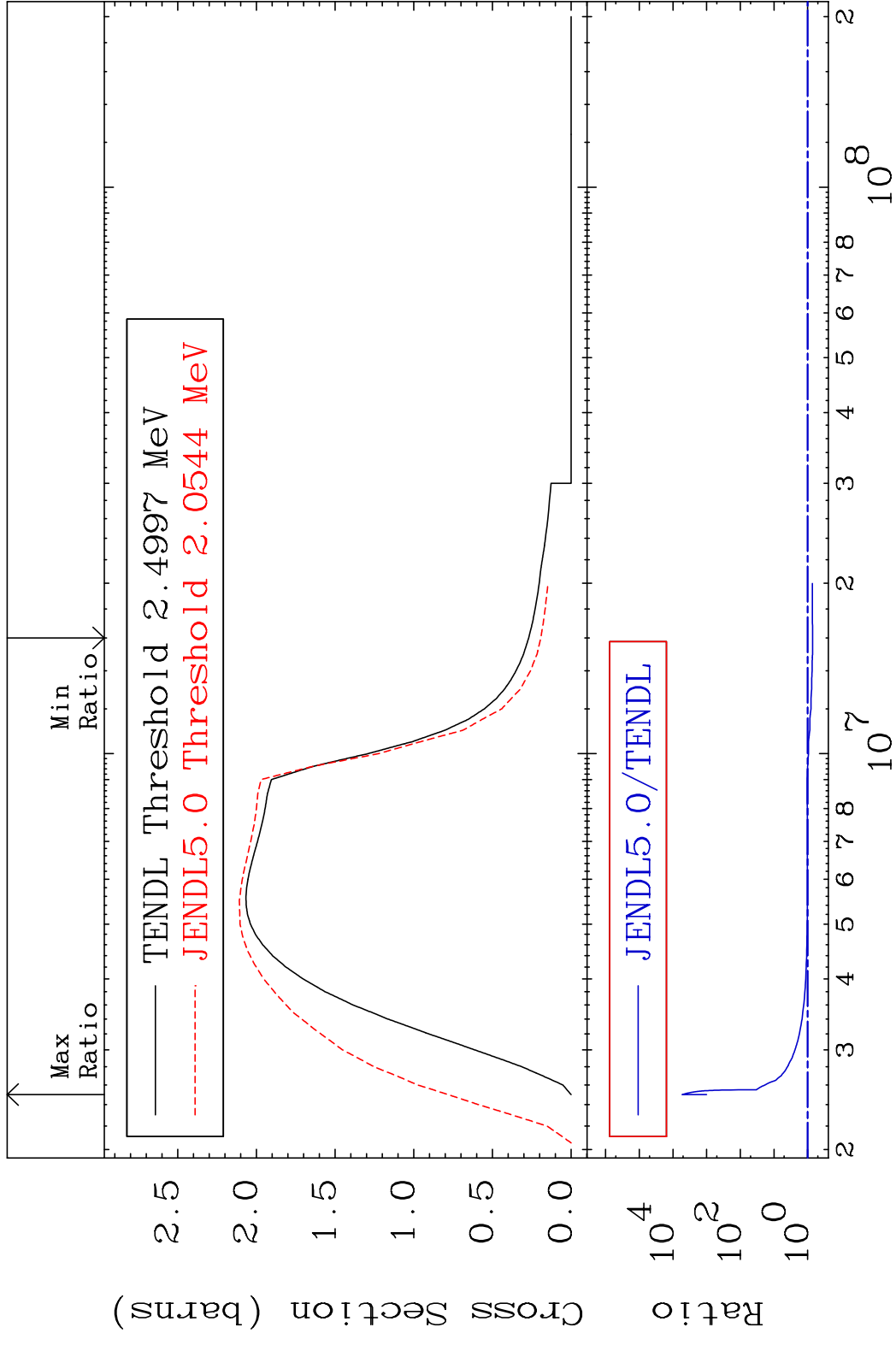
MAT 4855 MT= 60 (n, n') Level 48-Cd-116  
 Cross Section -100.0 To 9999. %



MAT 4855 MT= 61 (n, n') Level 48-Cd-116  
 Cross Section -100.0 To 12.58 %



MAT 4855 (n,n') Continuum 48-Cd-116  
 Cross Section -28.40 To 9999. %



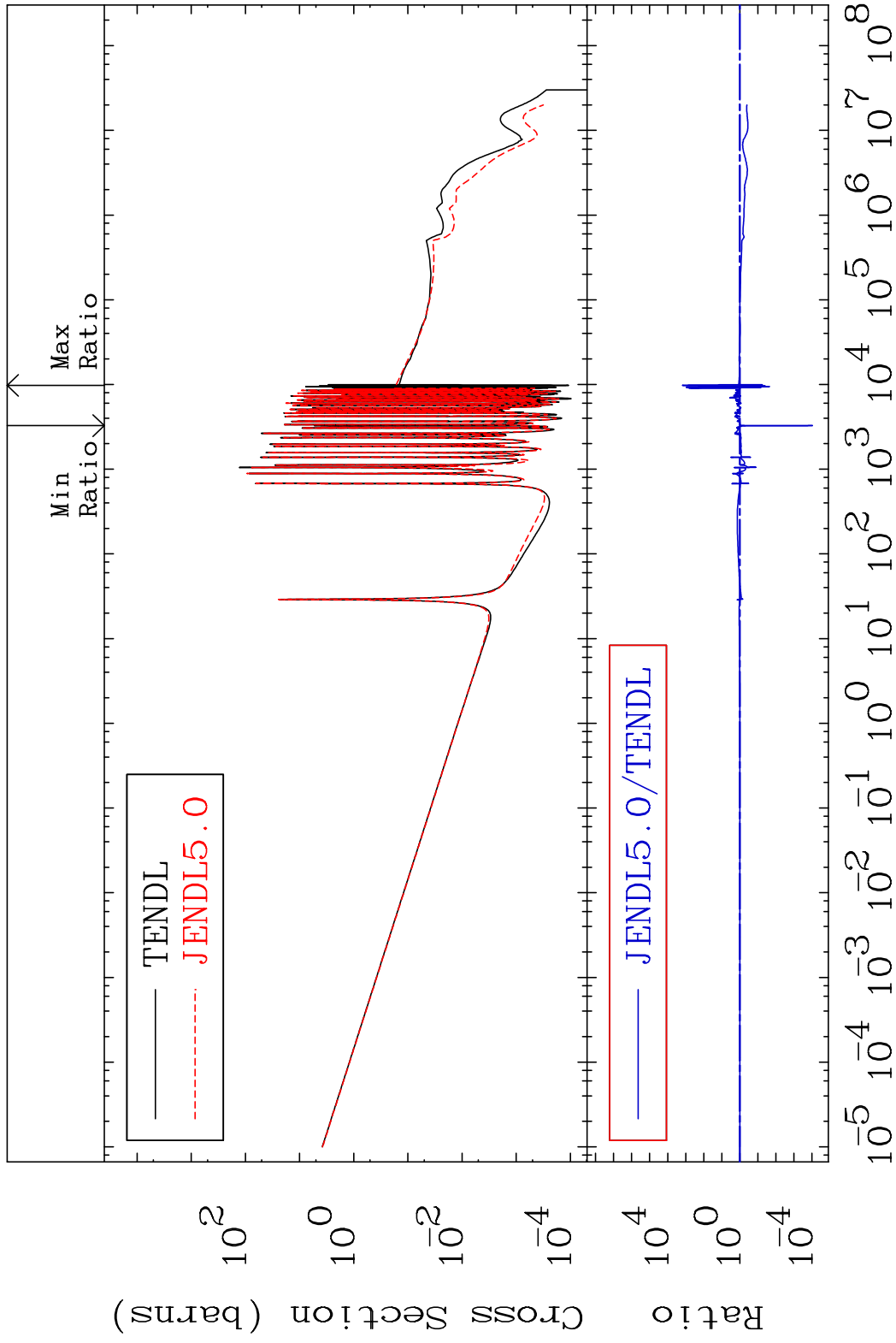
20 Incident Energy (eV) 48-Cd-116

MAT 4855

(n,  $\gamma$ )

48-Cd-116

Cross Section -99.99 To 9999. %



21

Incident Energy (eV)

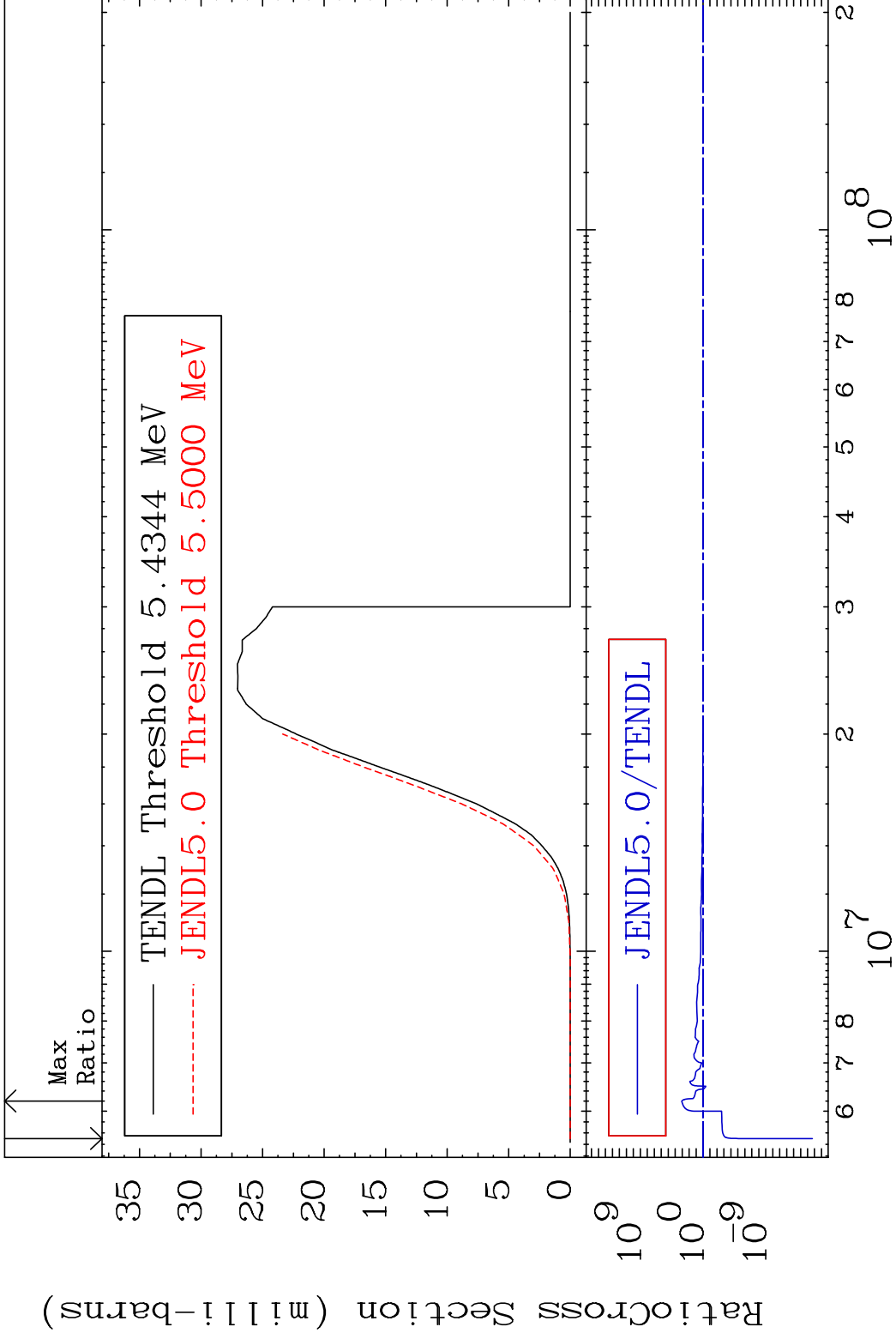
48-Cd-116

MAT 4855

(n,p)

48-Cd-116

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

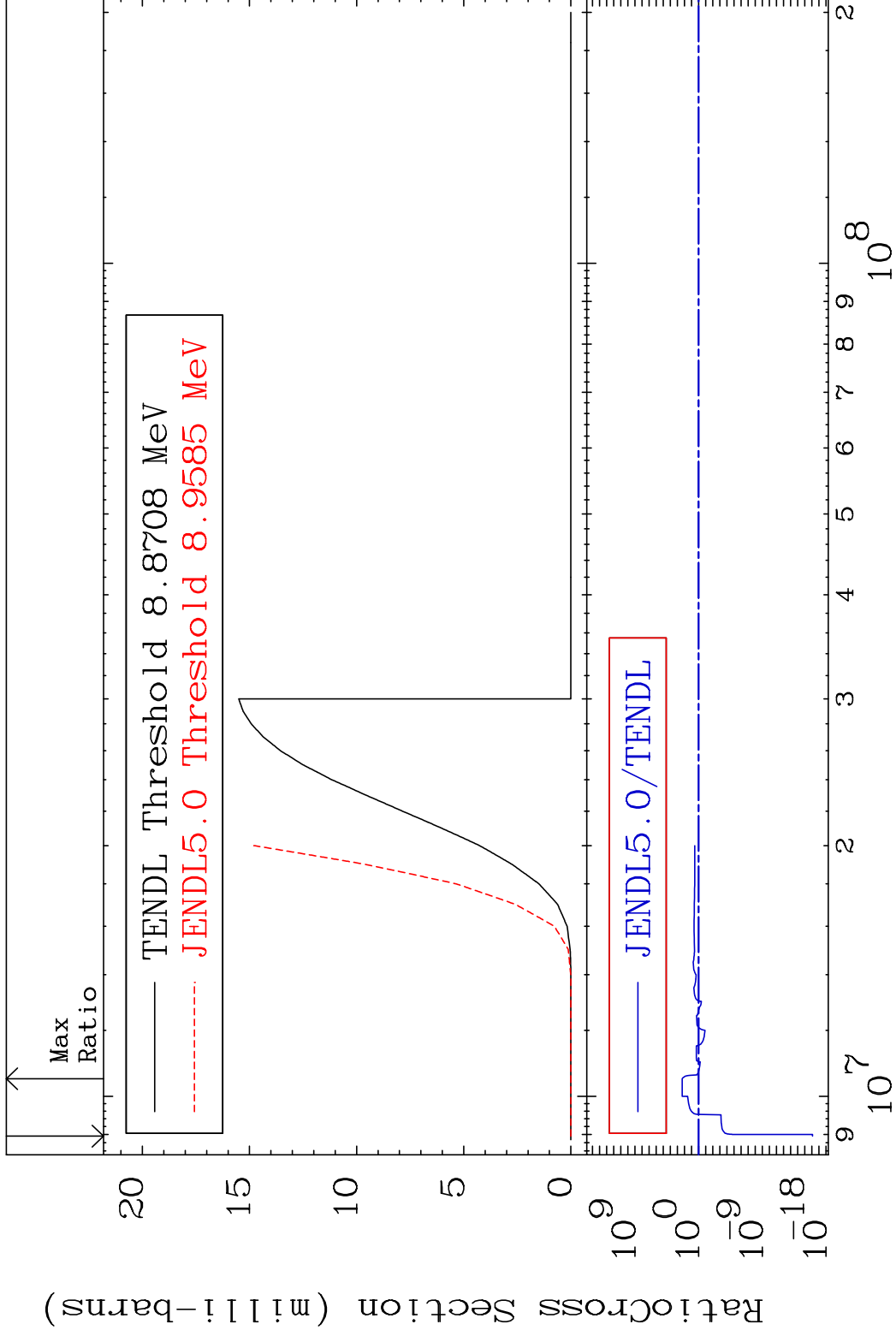
48-Cd-116

MAT 4855

(n,d)

48-Cd-116

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

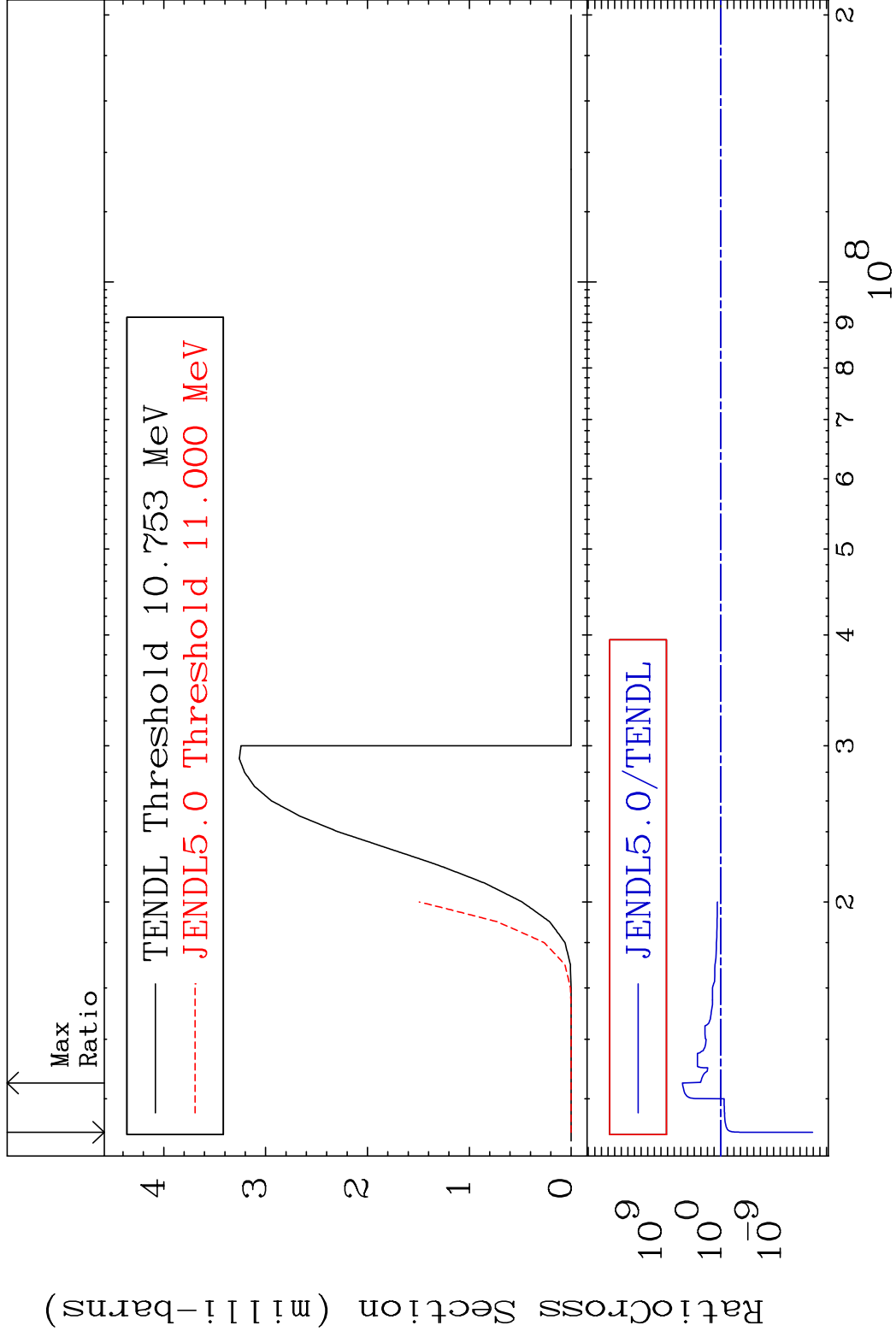
48-Cd-116

MAT 4855

(n, t)

48-Cd-116

Cross Section -100.0 To 9999. %

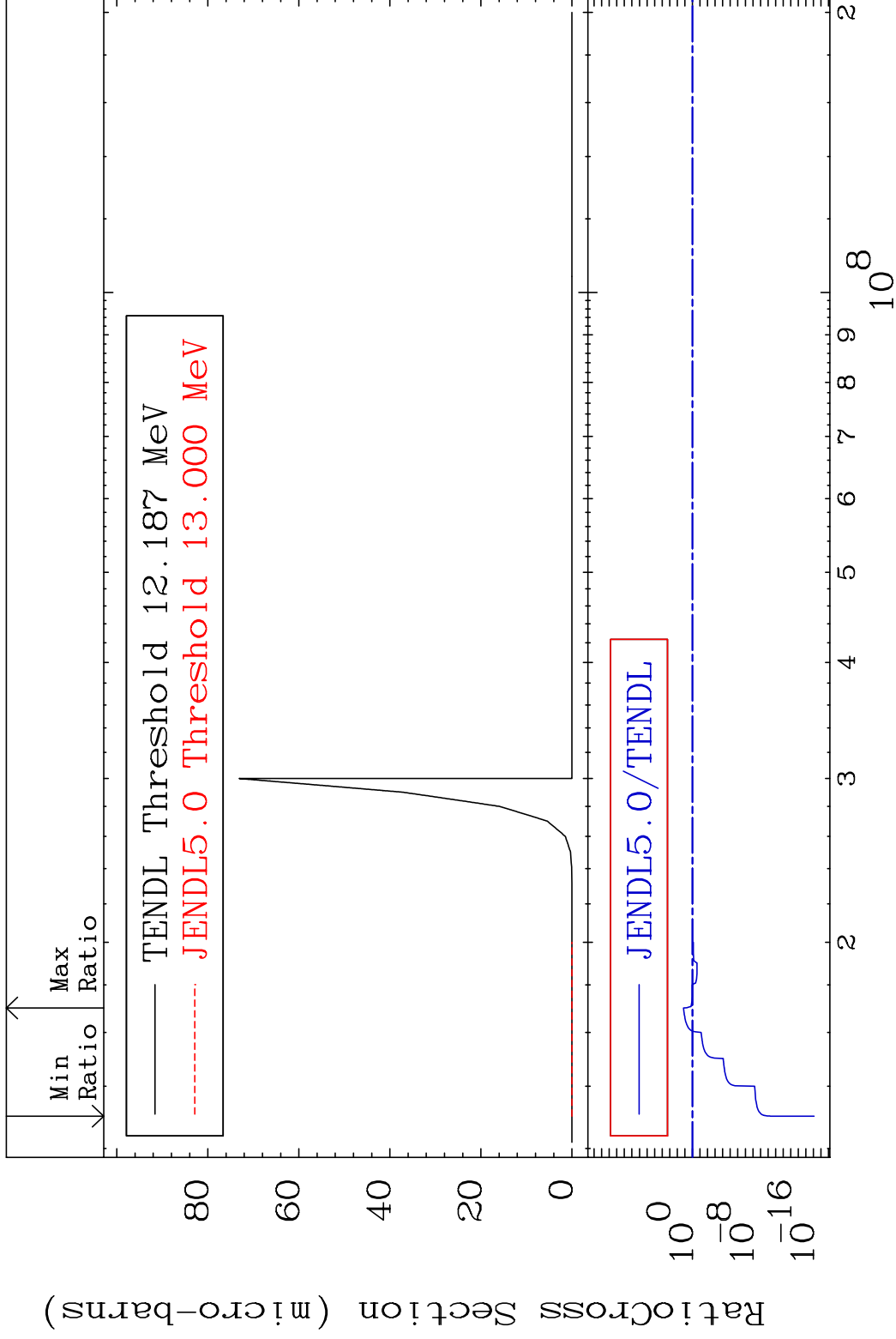


MAT 4855

(n, He-3)

48-Cd-116

Cross Section -100.0 To 1432. %



25

Incident Energy (eV)

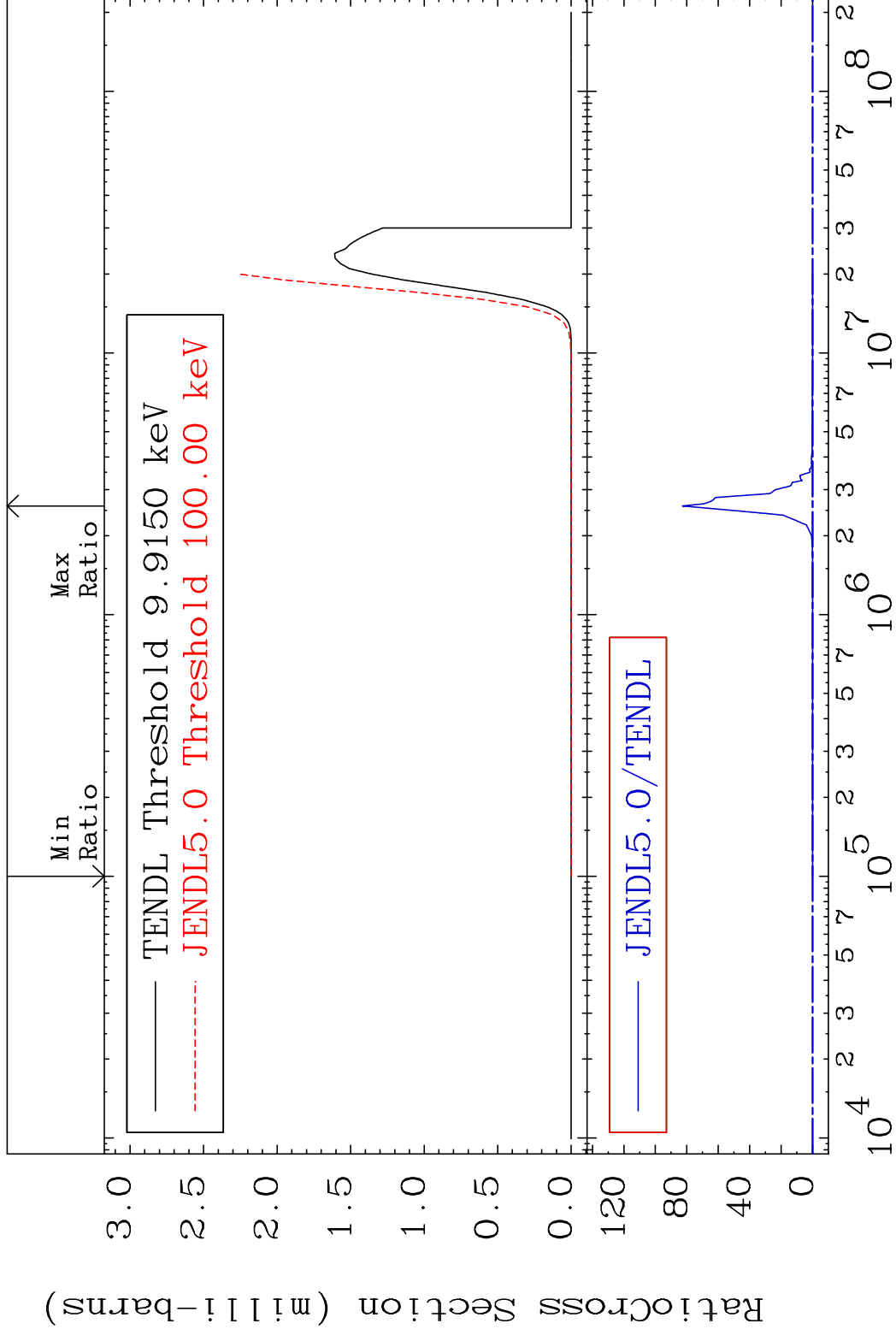
48-Cd-116

MAT 4855

(n,  $\alpha$ )

48-Cd-116

Cross Section -100.0 To 9999. %

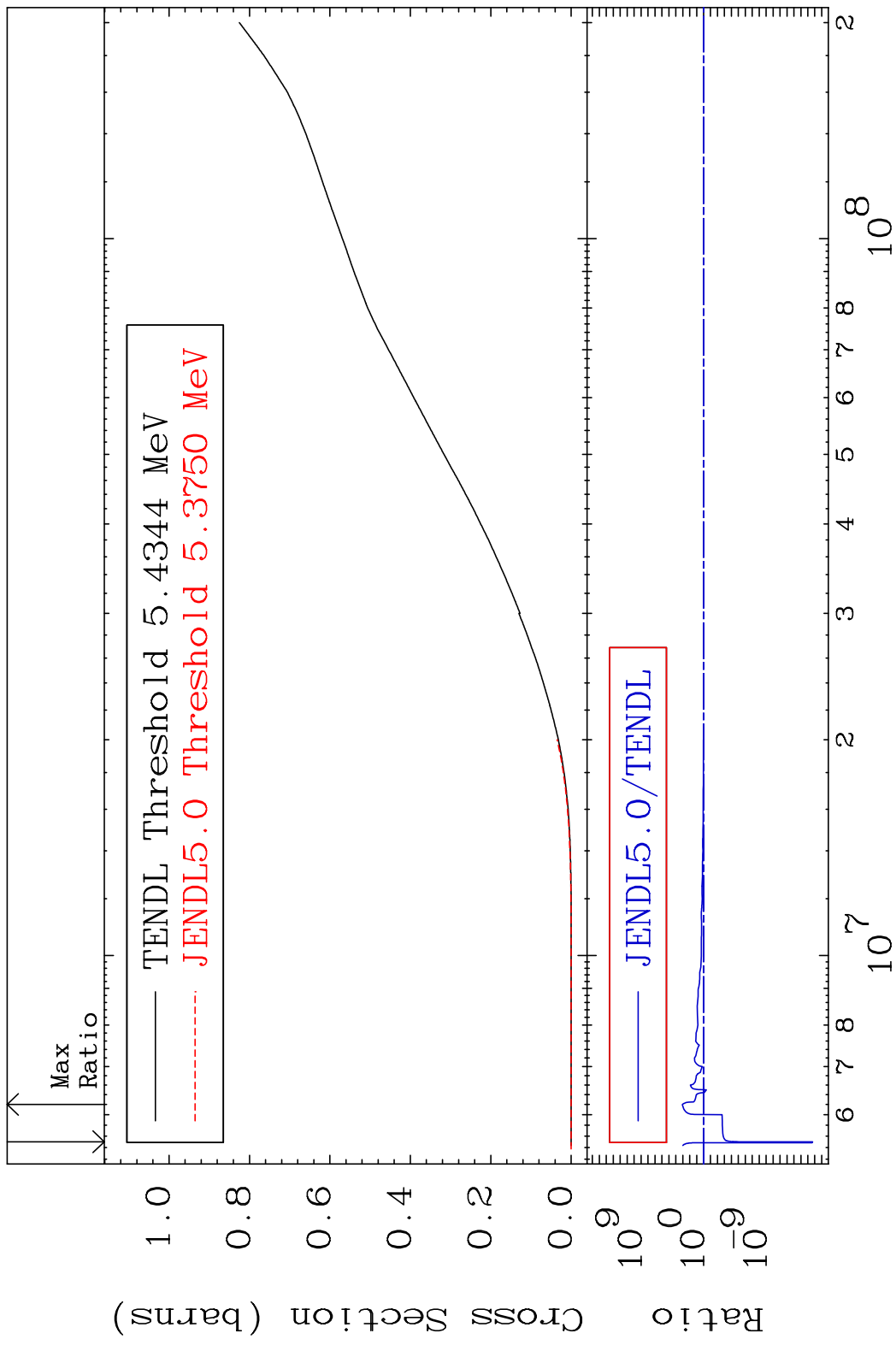


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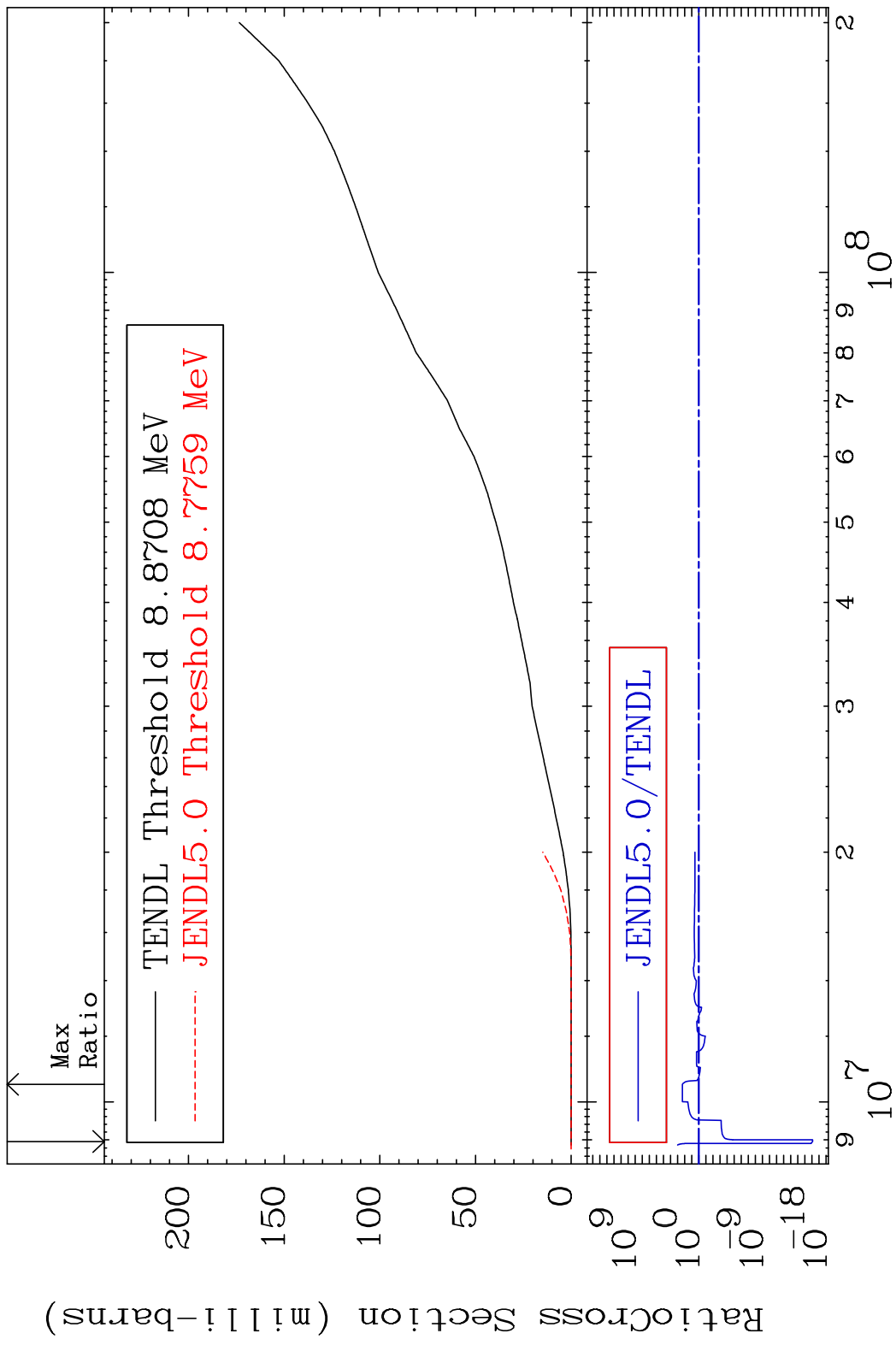
Incident Energy (eV)

48-Cd-116

MAT 4855 Hydrogen Production 48-Cd-116  
 Cross Section -100.0 To 9999. %

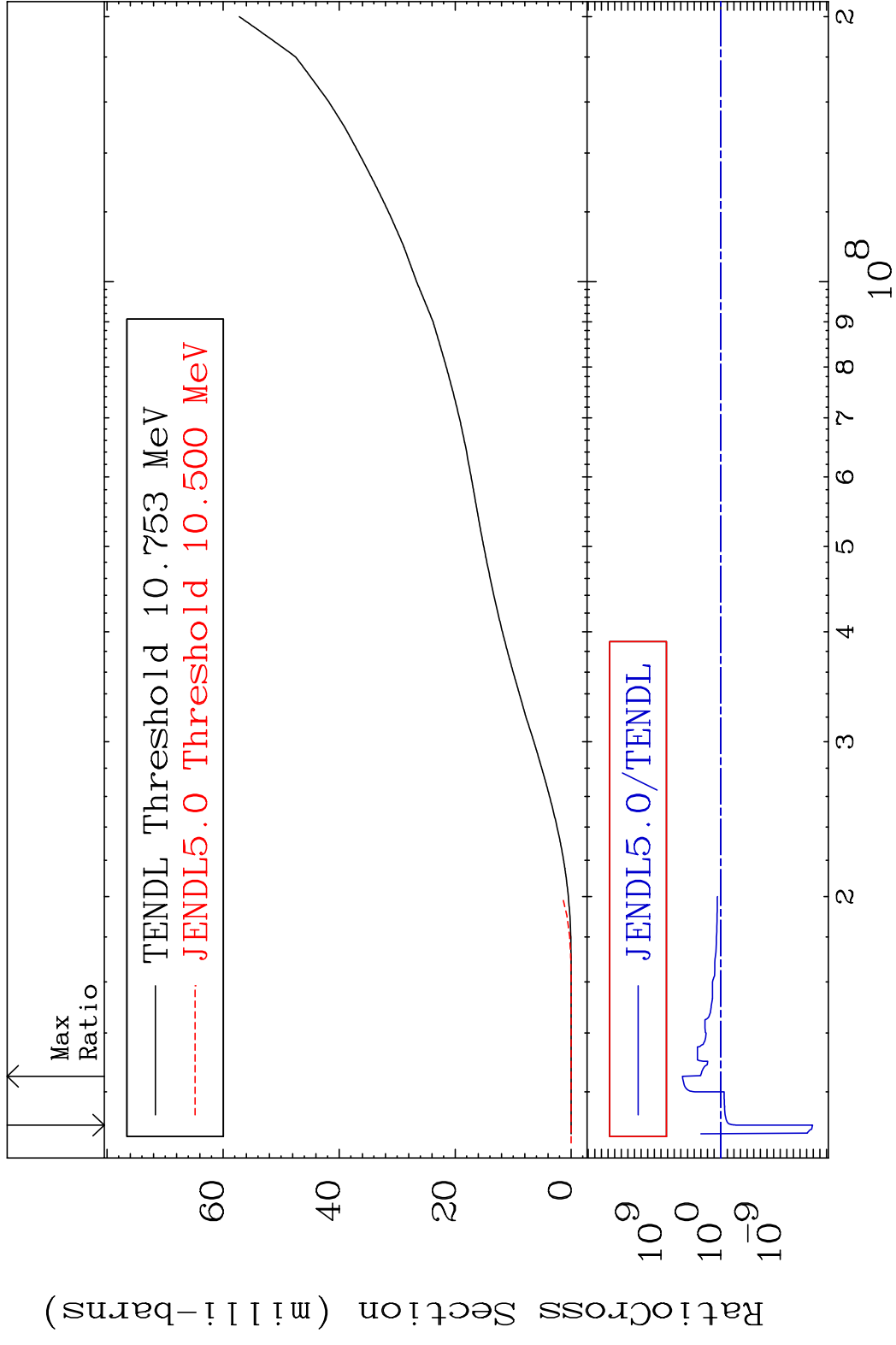


MAT 4855 Deuterium Production 48-Cd-116  
 Cross Section -100.0 To 9999. %

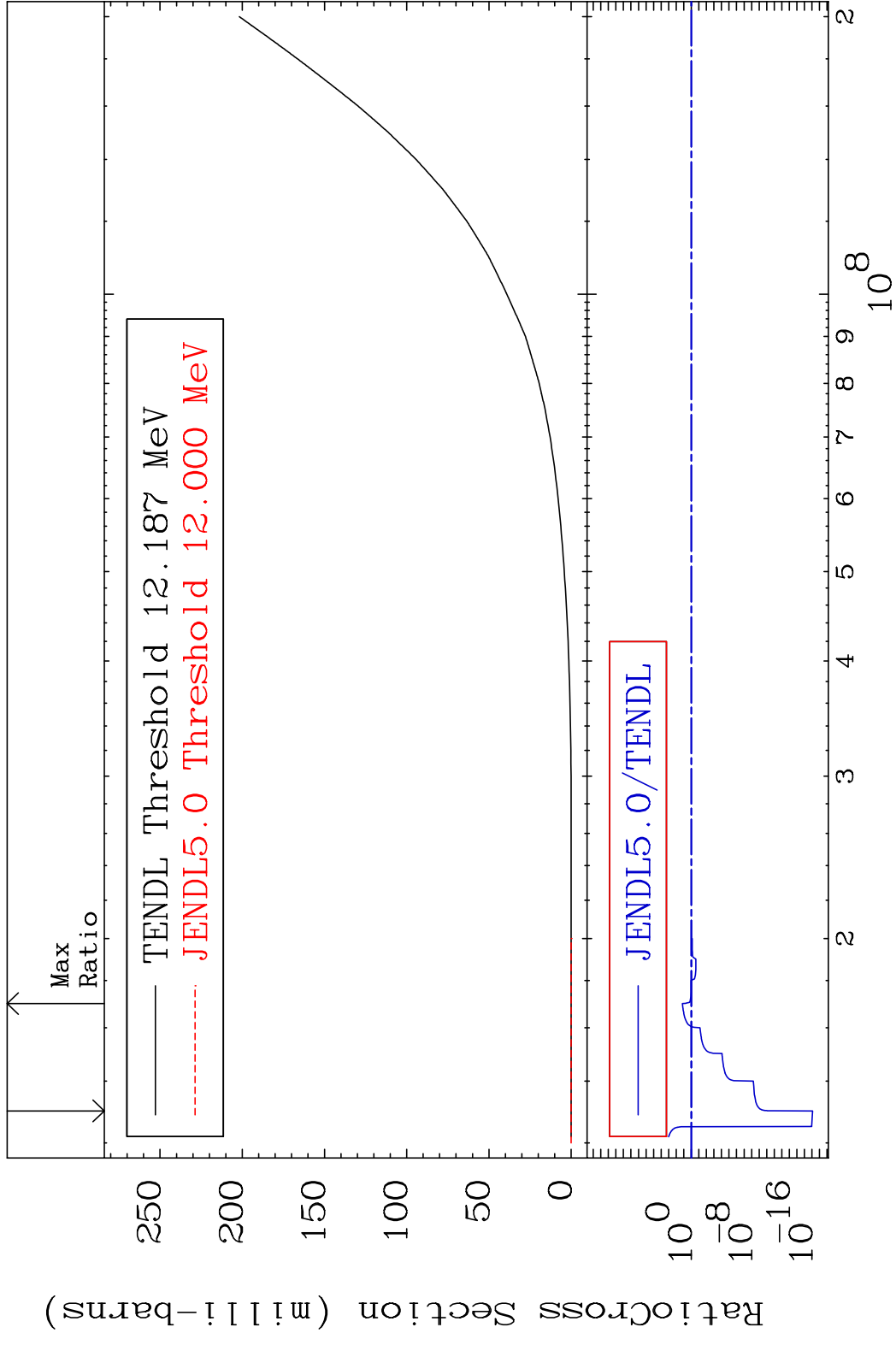


28 Incident Energy (eV) 48-Cd-116

MAT 4855 Tritium Production 48-Cd-116  
 Cross Section -100.0 To 9999. %



MAT 4855 He-3 Production 48-Cd-116  
 Cross Section -100.0 To 1432. %

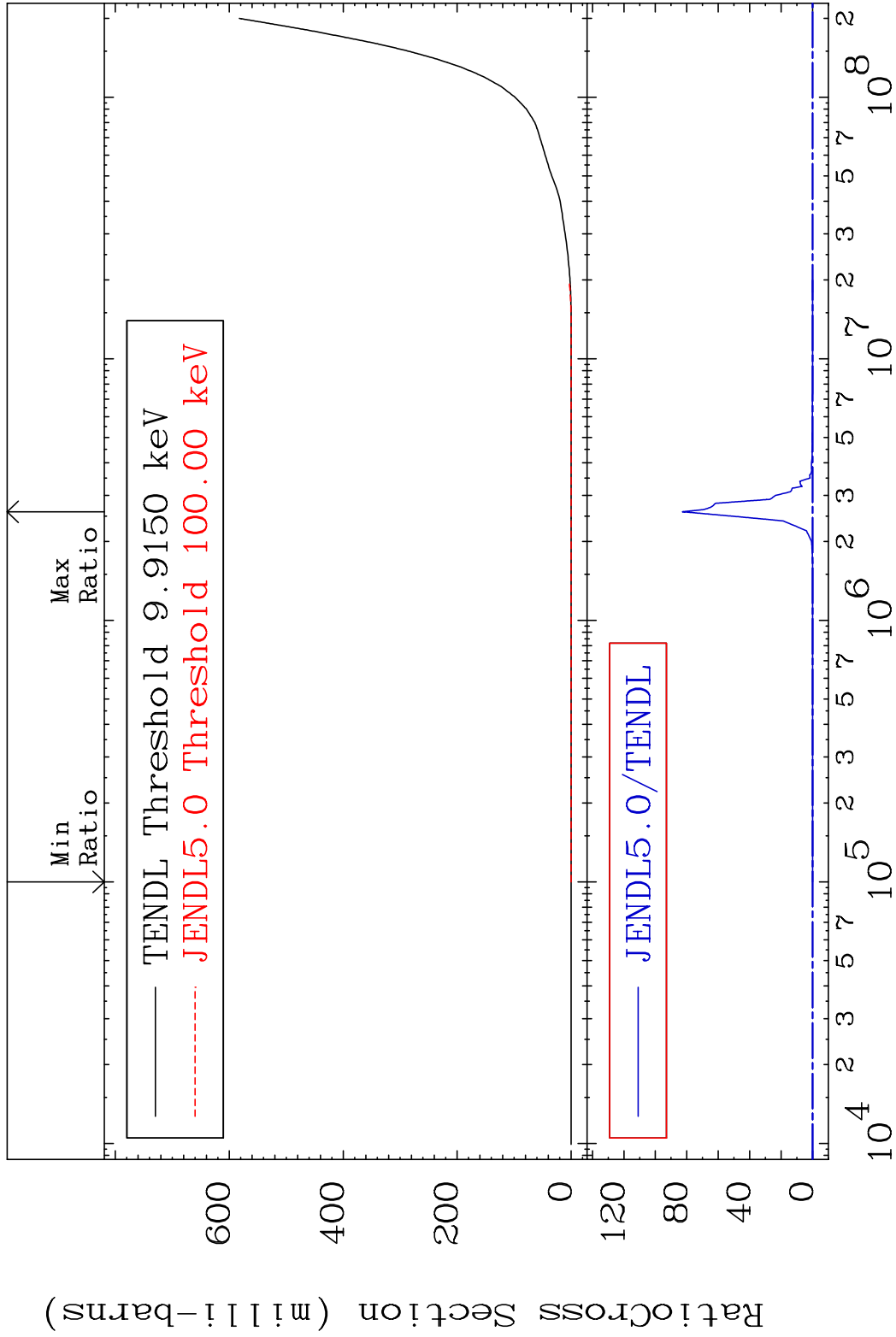


MAT 4855

He-4 Production

48-Cd-116

Cross Section -100.0 To 9999. %

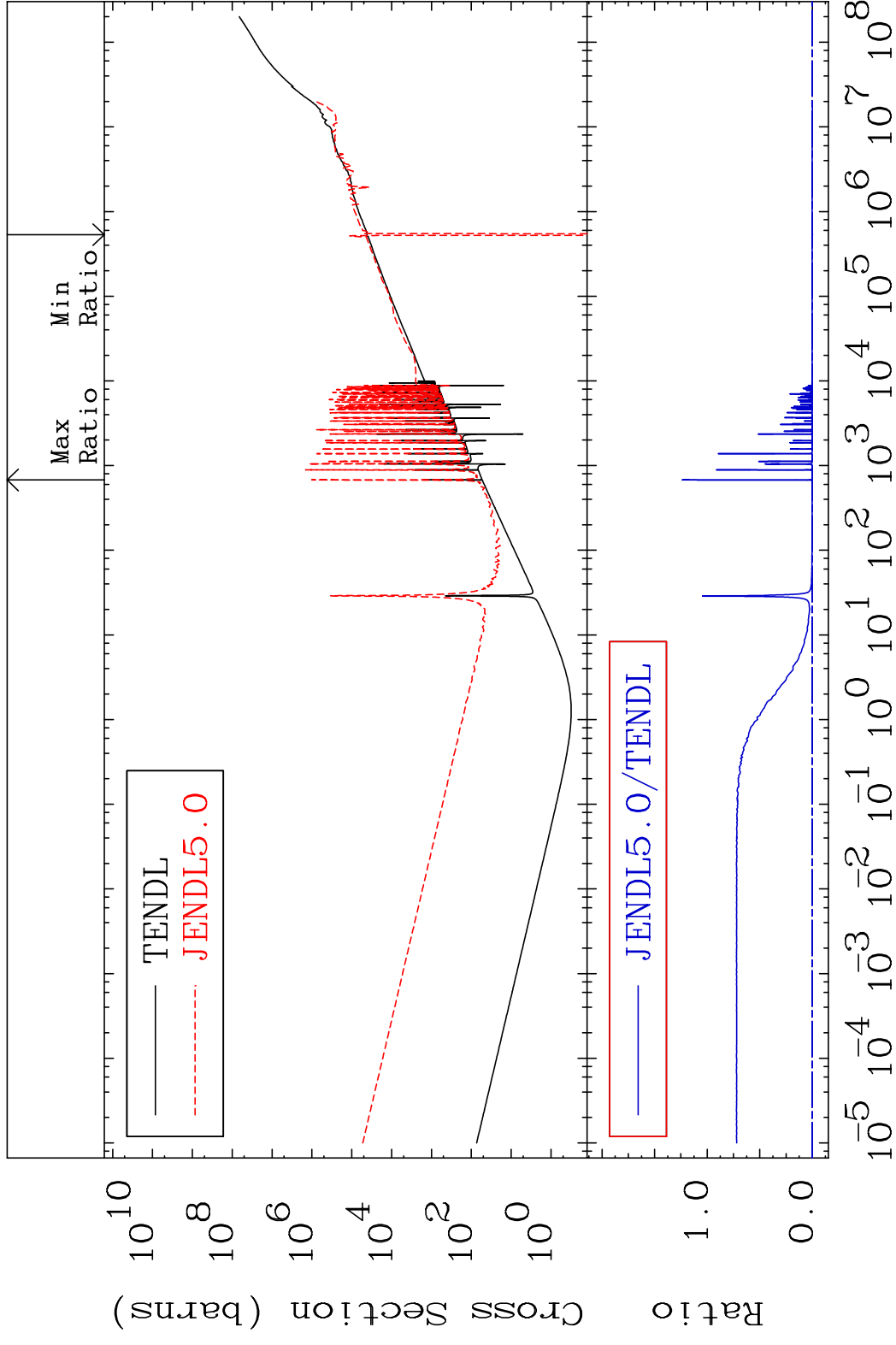


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Incident Energy (eV)

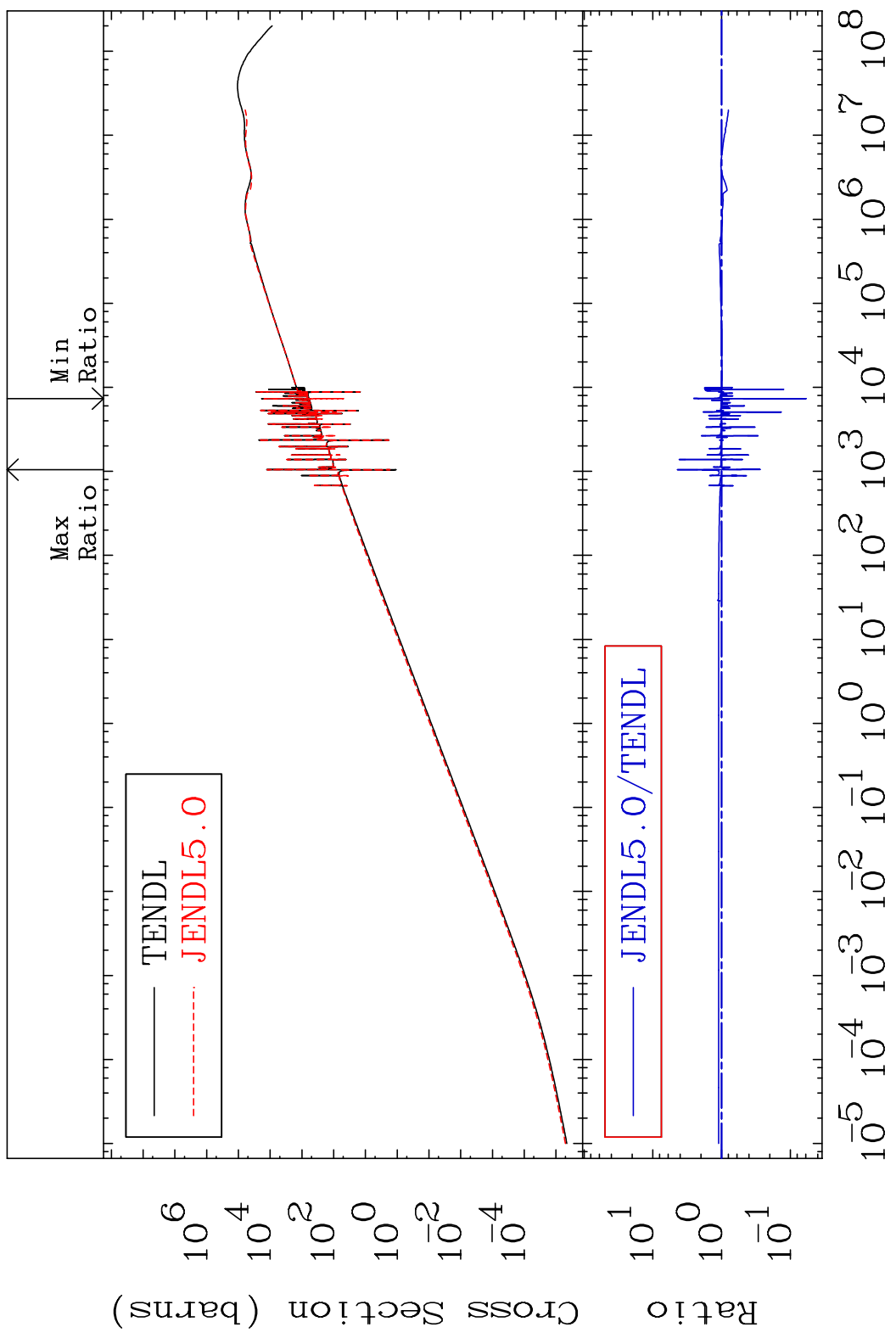
48-Cd-116

MAT 4855 Kerma total (eV-barns) 48-Cd-116  
 Cross Section -320.2 To 9999. %



MAT 4855

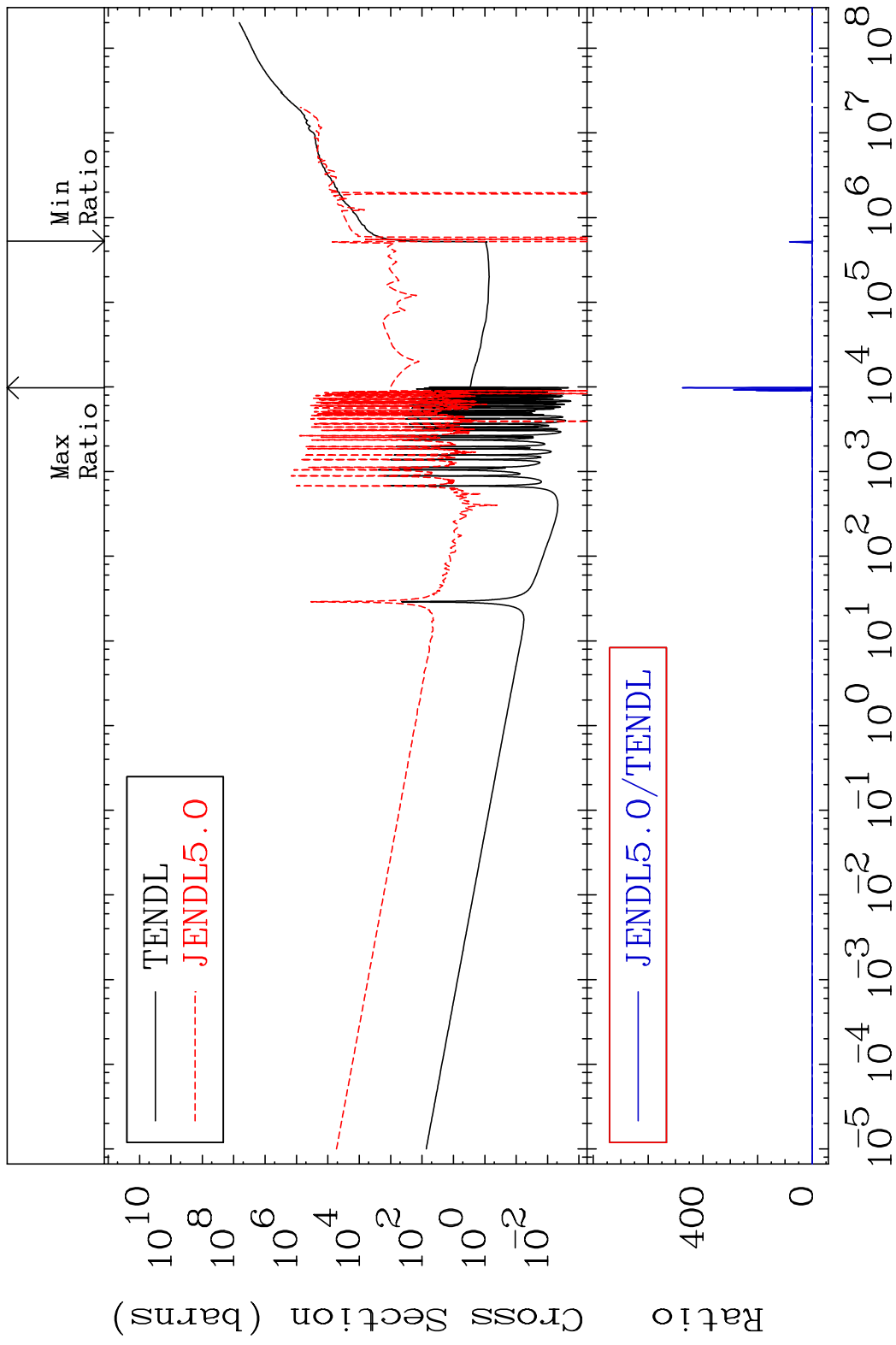
Kerma elastic Cross Section -94.14 To 343.2 %  
48-Cd-116



33

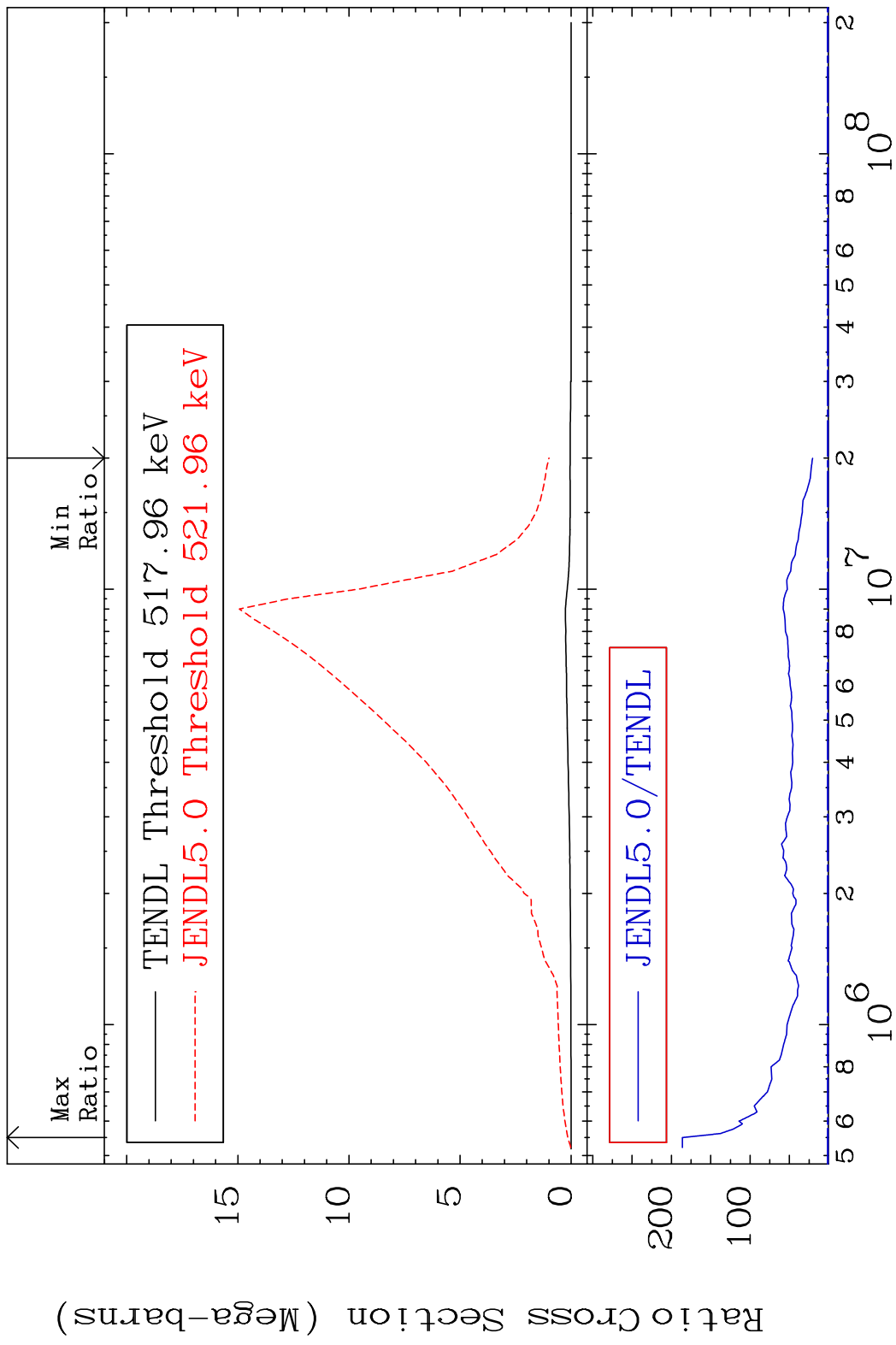
Incident Energy (eV) 48-Cd-116

MAT 4855 Kerma non-elastic (all but mt2) 48-Cd-116  
 Cross Section -9999. To 9999. %

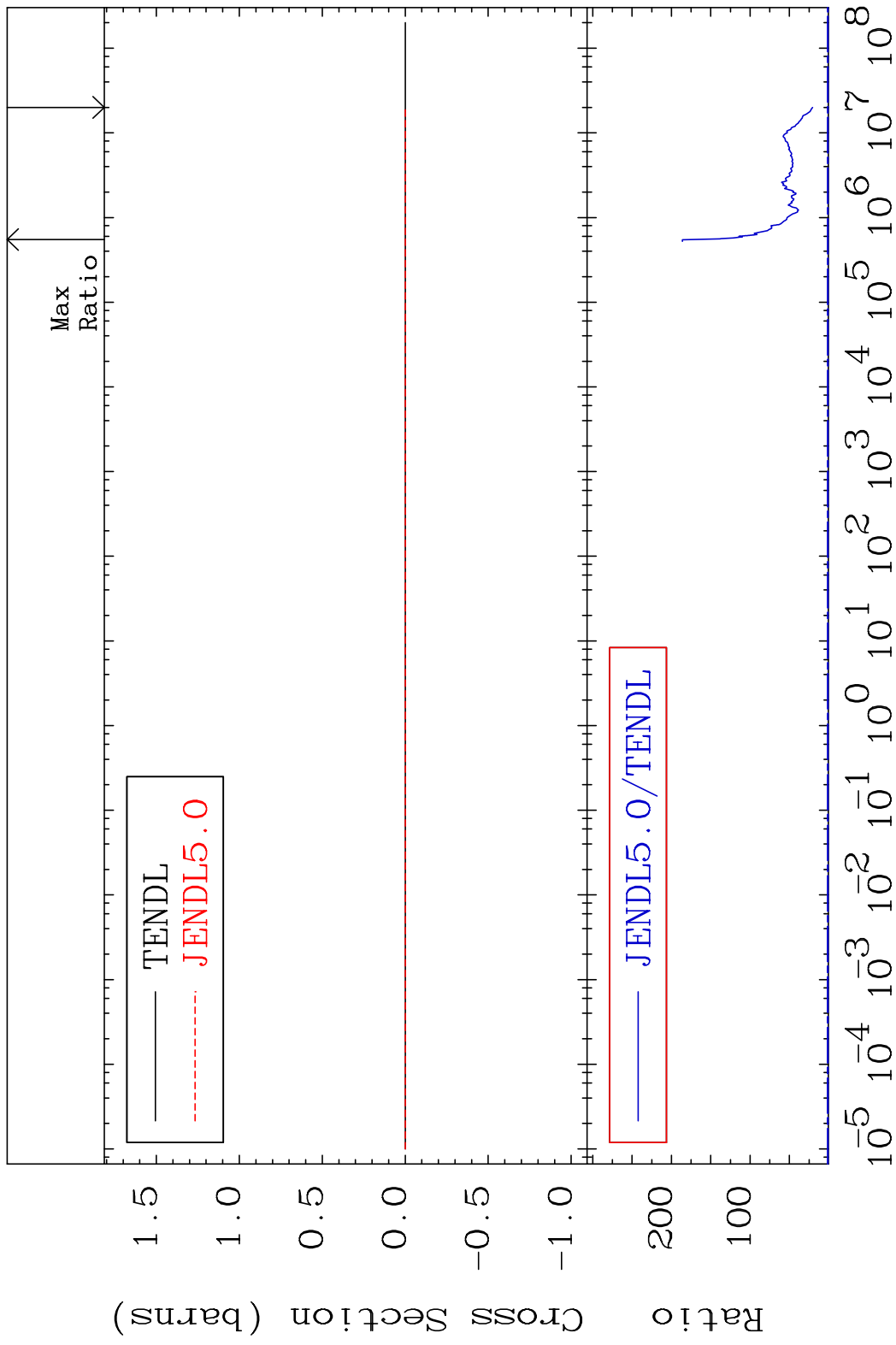


34 Incident Energy (eV) 48-Cd-116

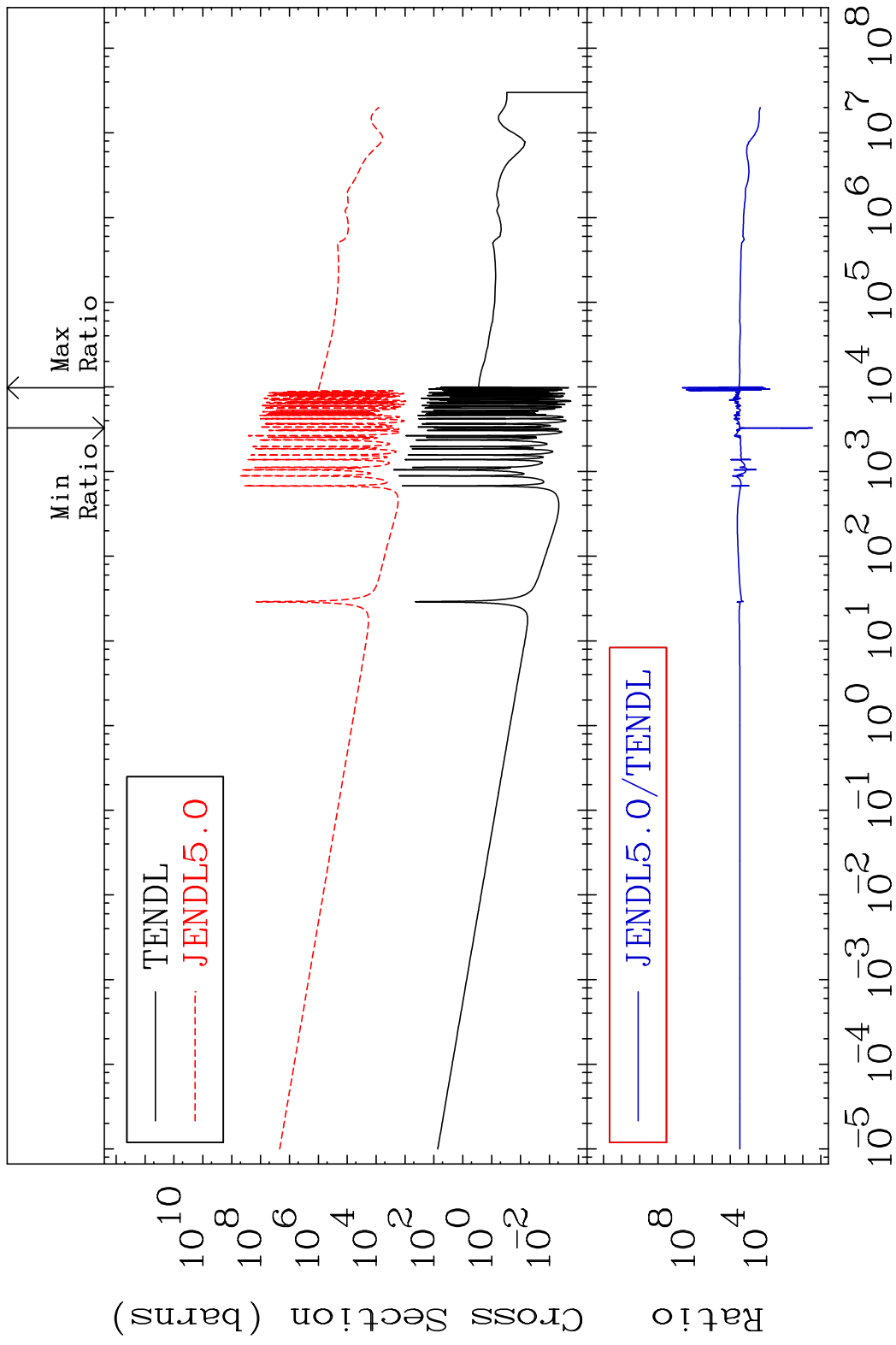
MAT 4855 Kerma inelastic (mt51-91) 48-Cd-116  
 Cross Section 1959. To 9999. %



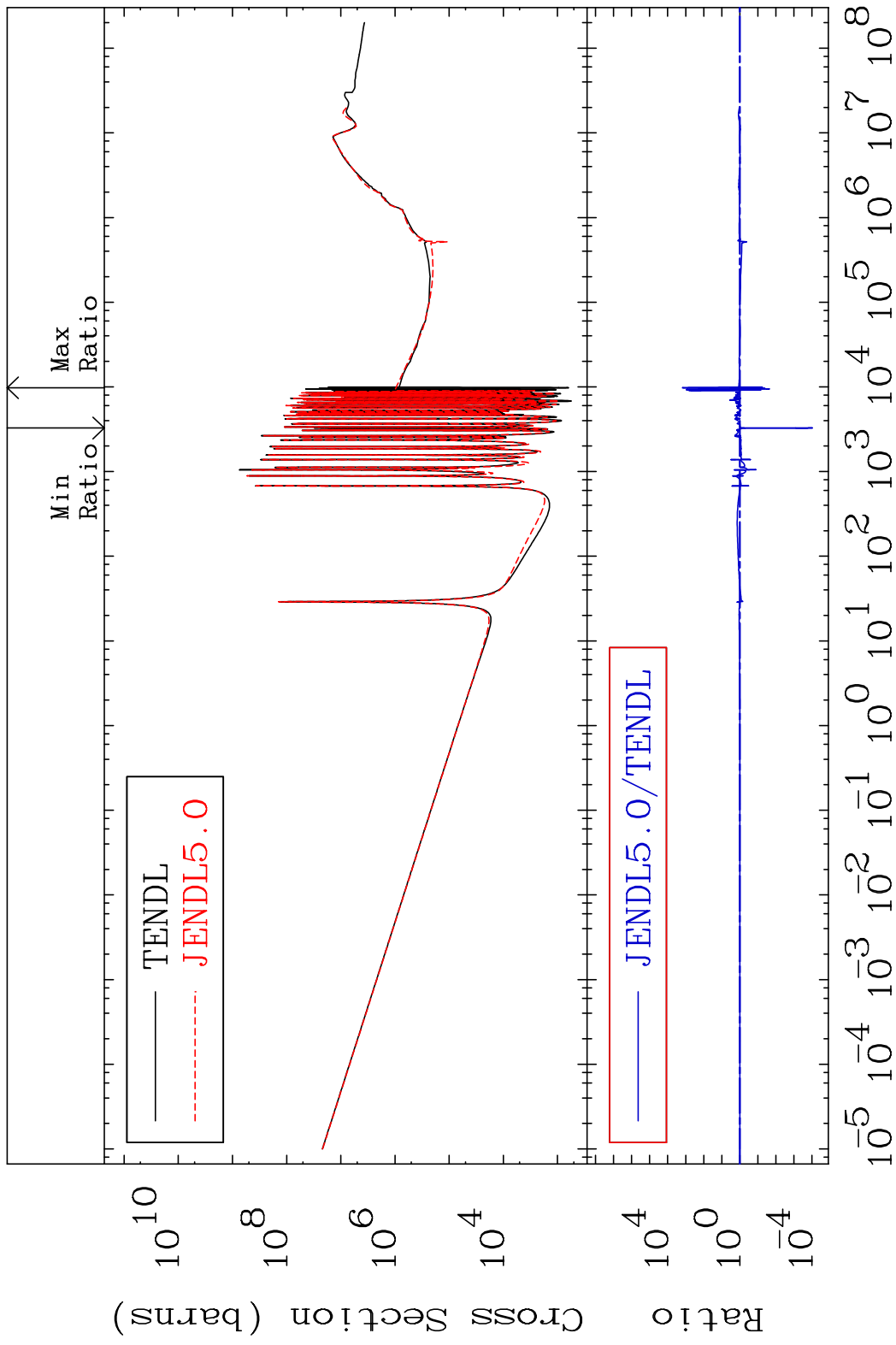
MAT 4855 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-116  
 Cross Section 1959. To 9999. %



MAT 4855 Kerma capture (mt102) 48-Cd-116  
 Cross Section 2795. To 9999. %

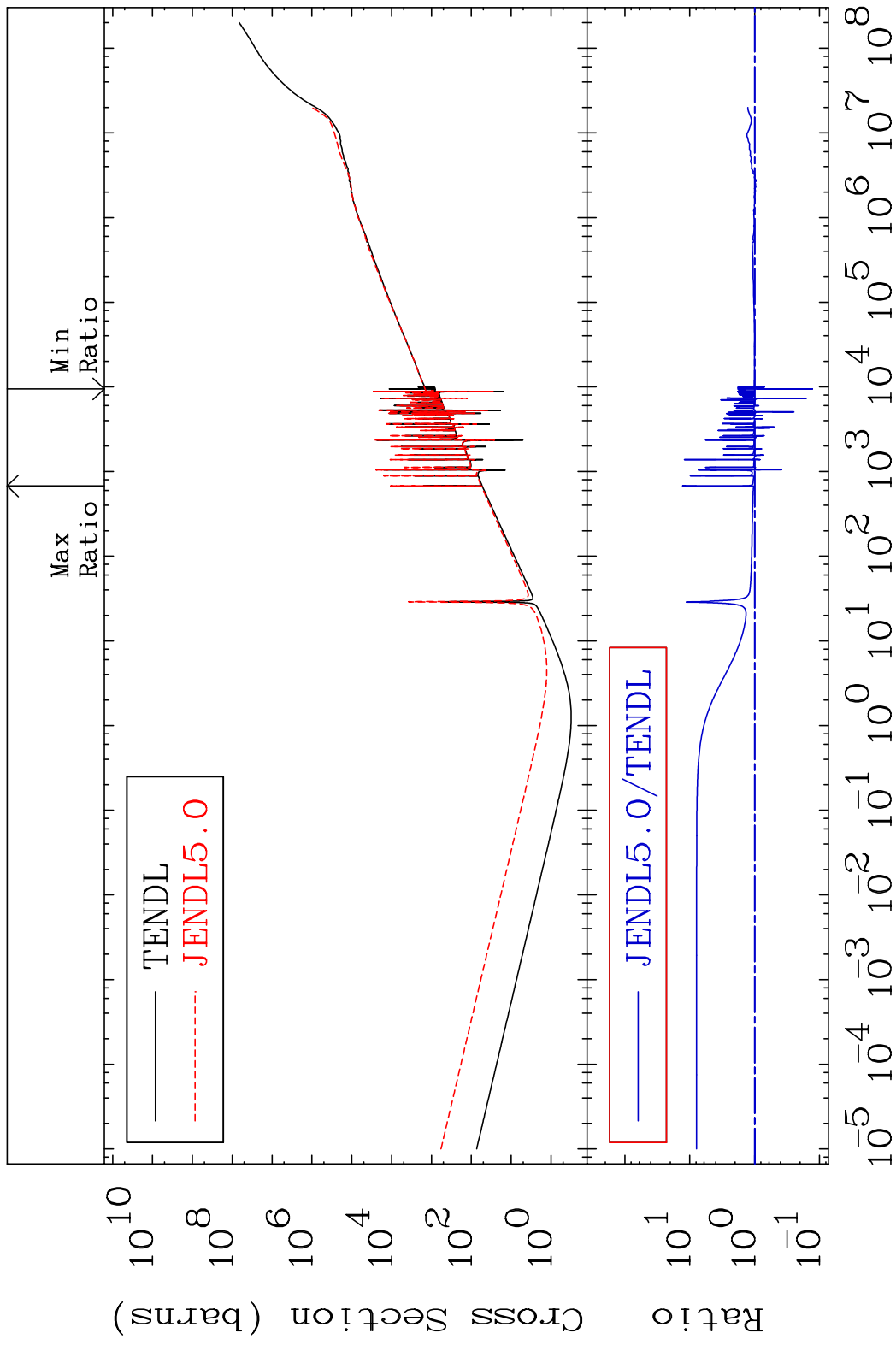


MAT 4855 Total photon (eV-barns) 48-Cd-116  
Cross Section -99.99 To 9999. %



38 Incident Energy (eV) 48-Cd-116

MAT 4855 Total kinematic kerma (high limit) 48-Cd-116  
 Cross Section -87.20 To 1201. %

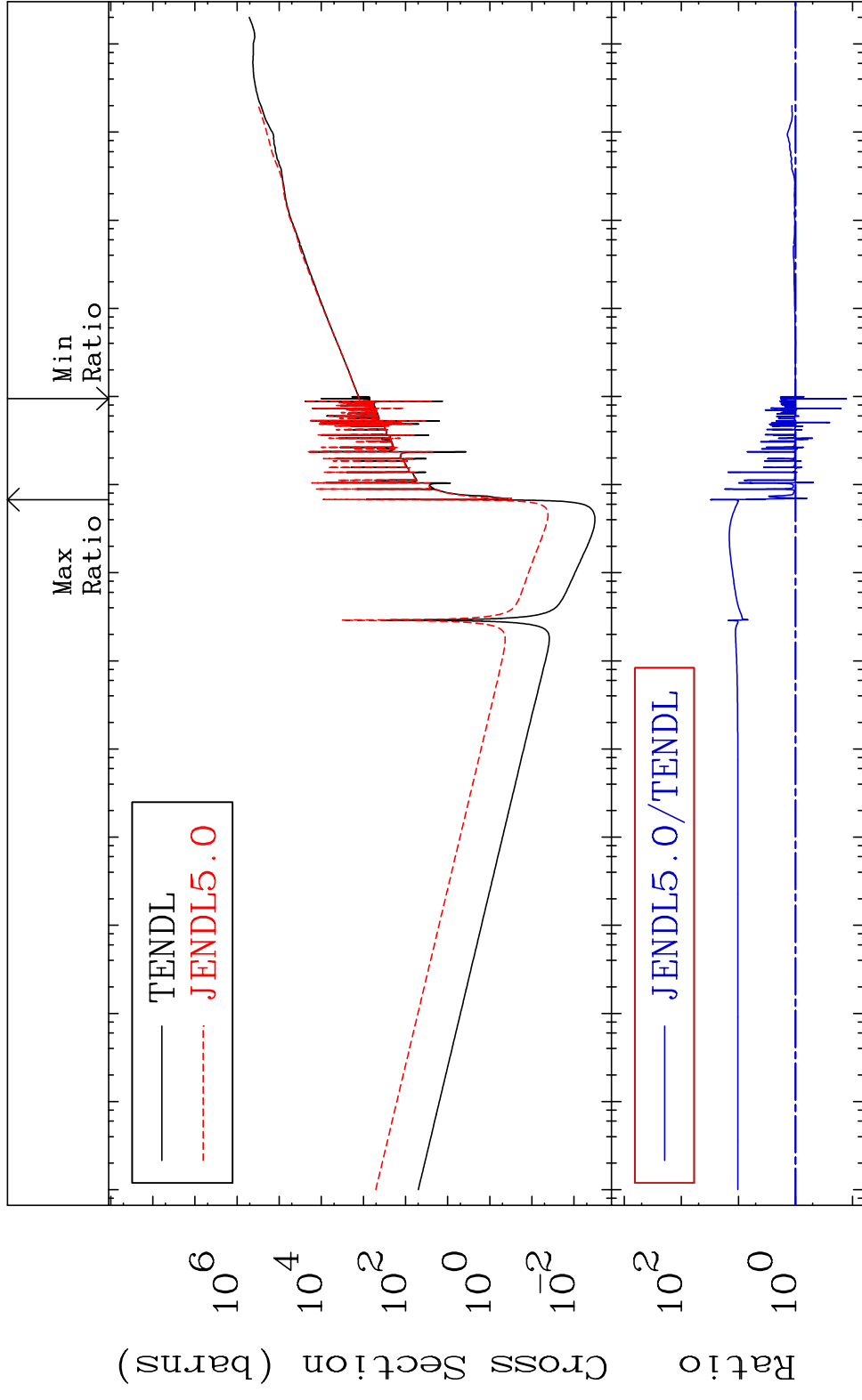


MAT 4855

Dpa total (eV-barns)

48-Cd-116

Cross Section -87.17 To 2963. %



40

Incident Energy (eV)

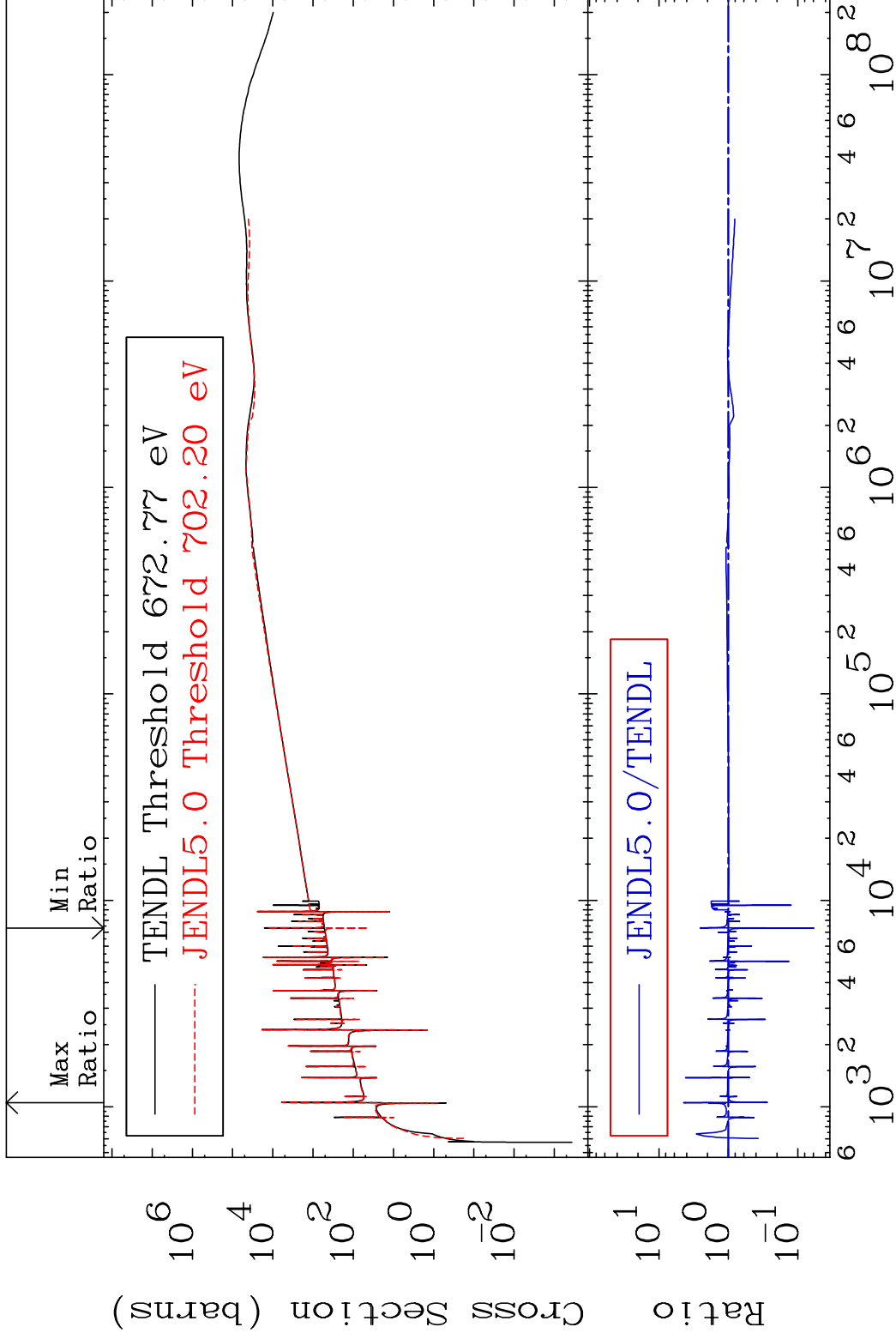
48-Cd-116

MAT 4855

Dpa elastic (mt2)

48-Cd-116

Cross Section -94.14 To 343.6 %

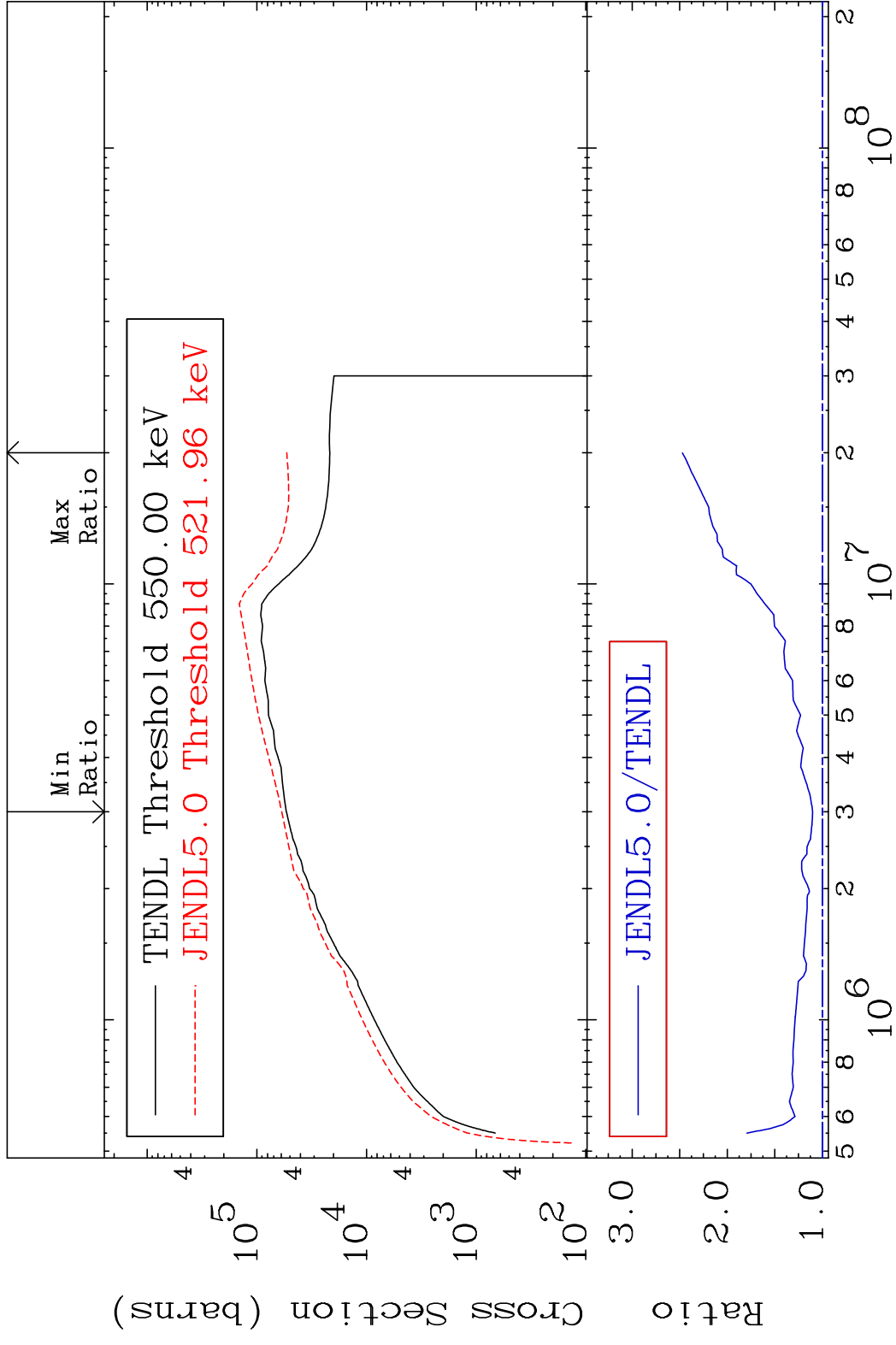


41

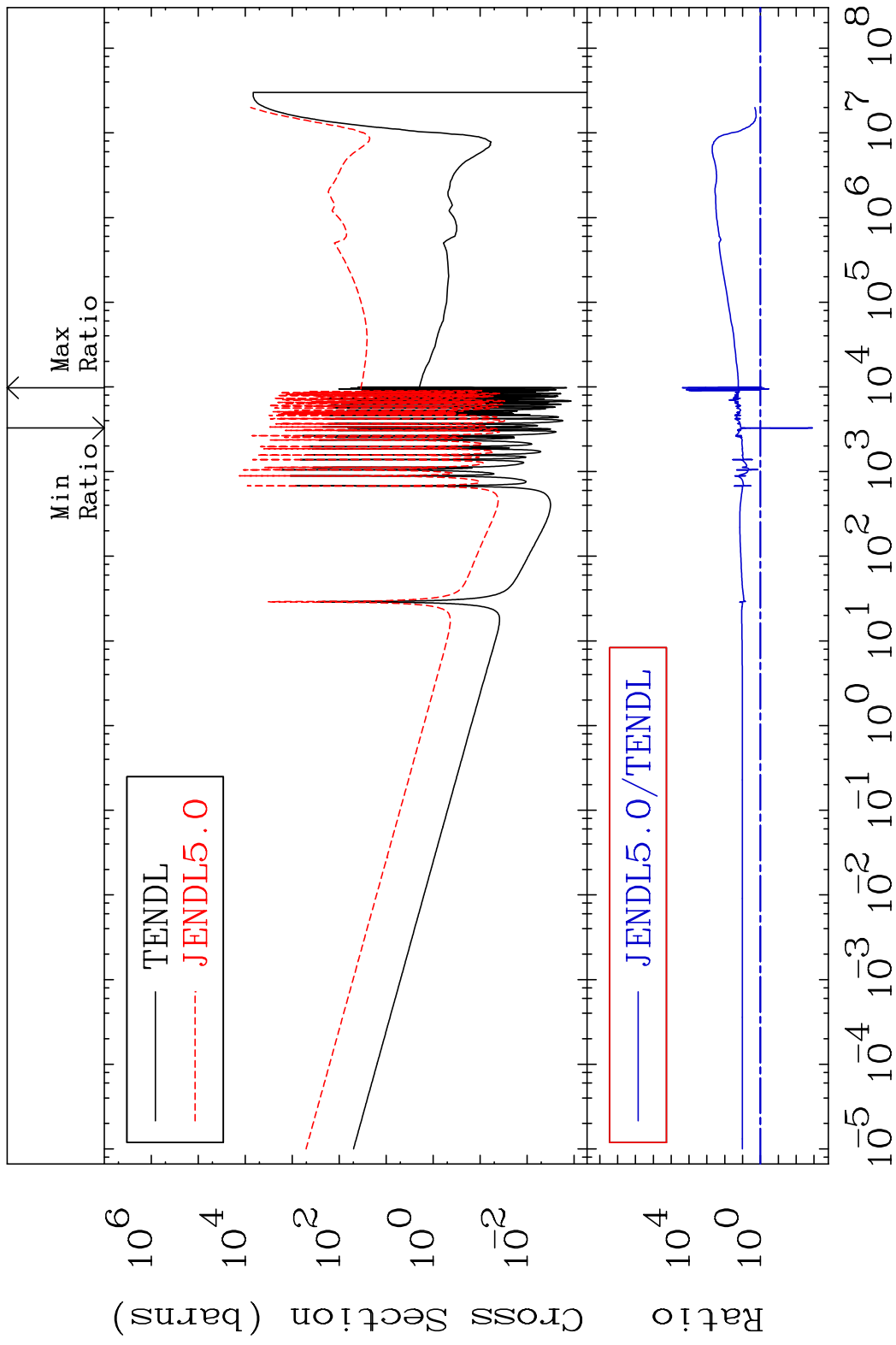
Incident Energy (eV)

48-Cd-116

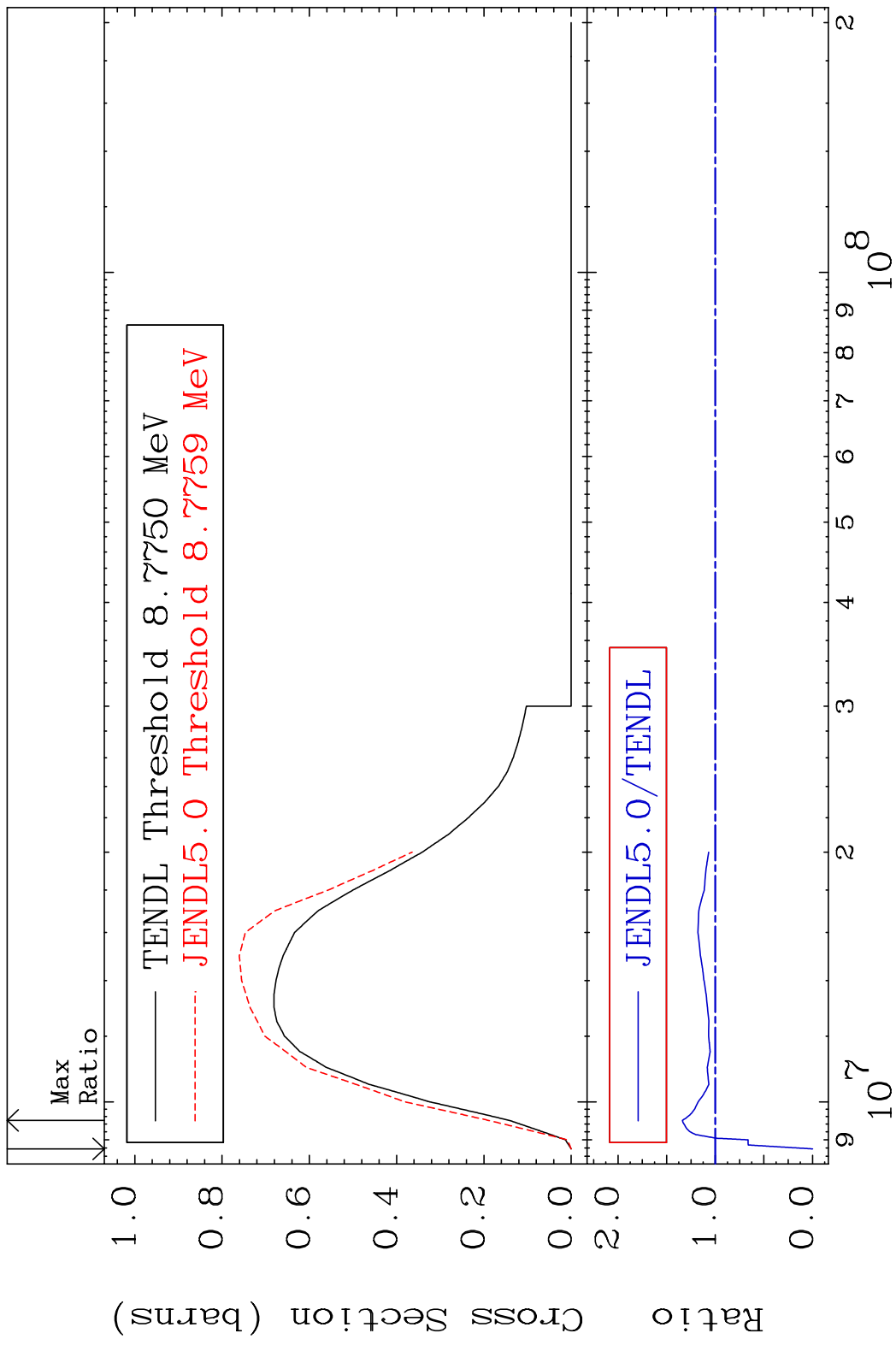
MAT 4855 Dpa inelastic (mt51-91) 48-Cd-116  
 Cross Section 10.26 To 147.2 %



MAT 4855 Dpa disappearance (mt102 -120) 48-Cd-116  
 Cross Section -99.88 To 9999. %

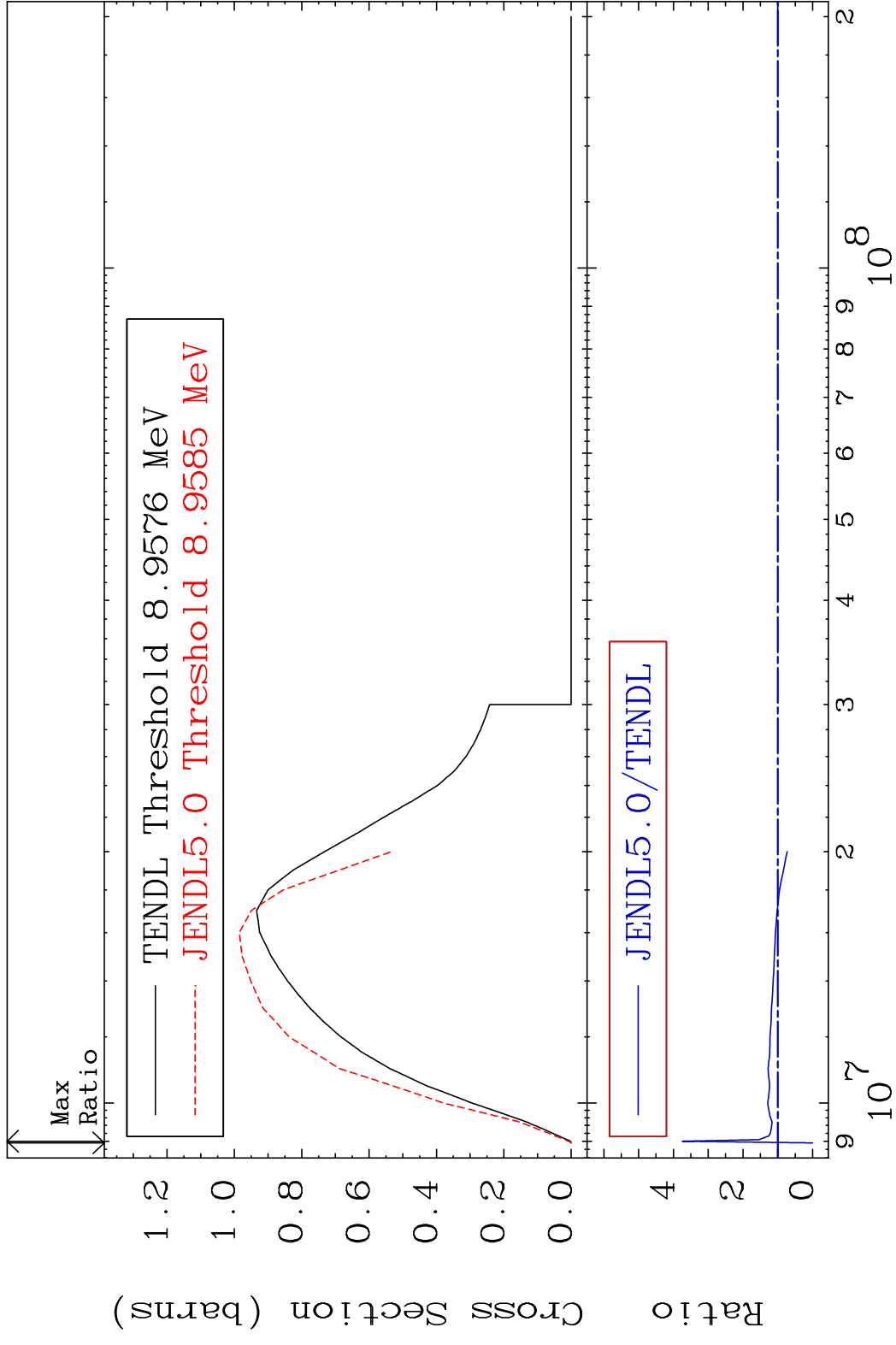


MAT 4855 (n,2n):48-Cd-115g 48-Cd-116  
 Radionuclide Production Cross Section Ratio 33.84 %



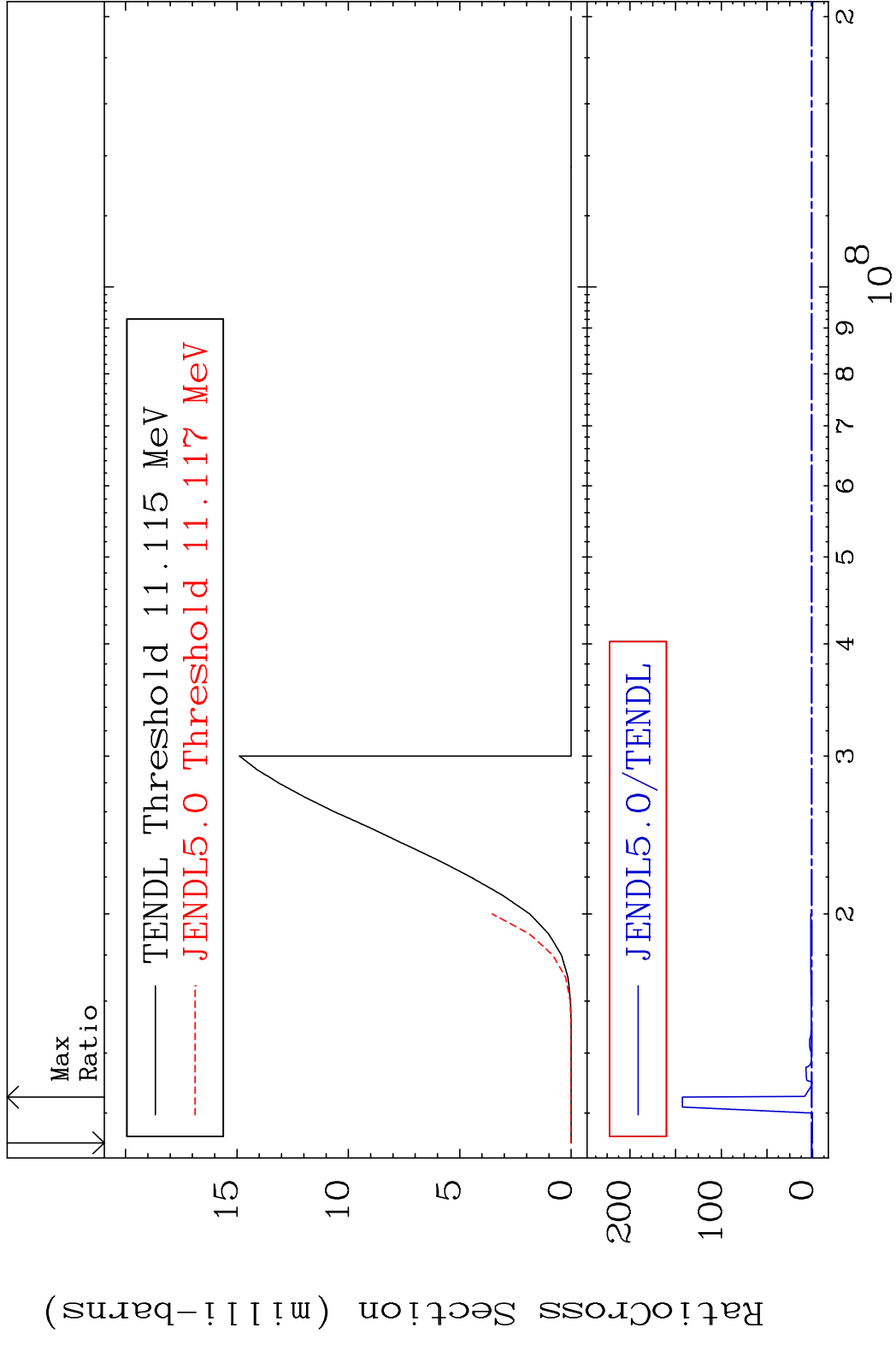
44 Incident Energy (eV) 48-Cd-116

MAT 4855 (n,2n): 48-Cd-115m1 48-Cd-116  
 Radionuclide Production Cross Section 180.0 dth 274.3 %

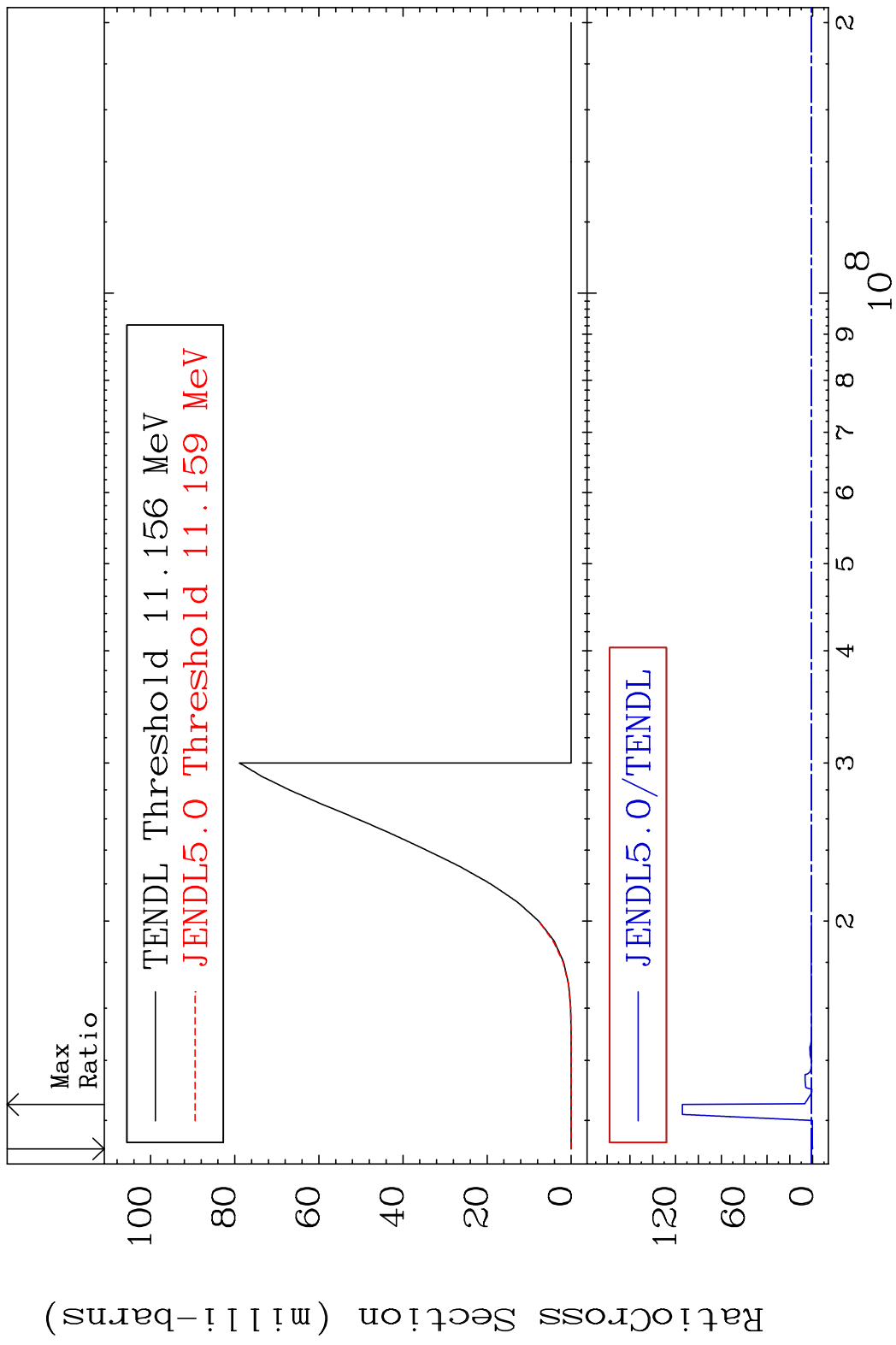


45 Incident Energy (eV) 48-Cd-116

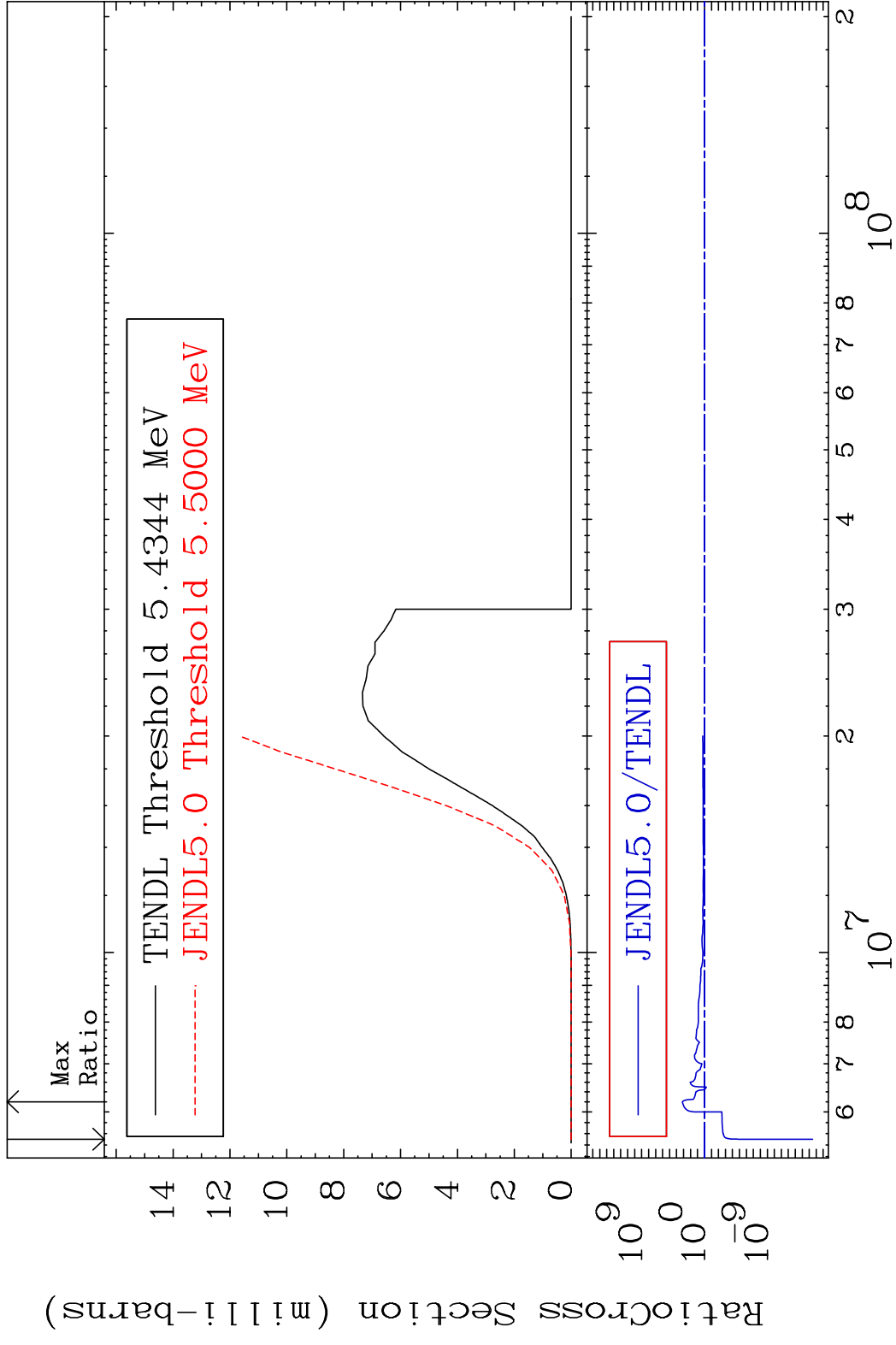
MAT 4855 (n, n') p:47-Ag-115g 48-Cd-116  
 Radionuclide Production Cross Section Ratio 9999. %



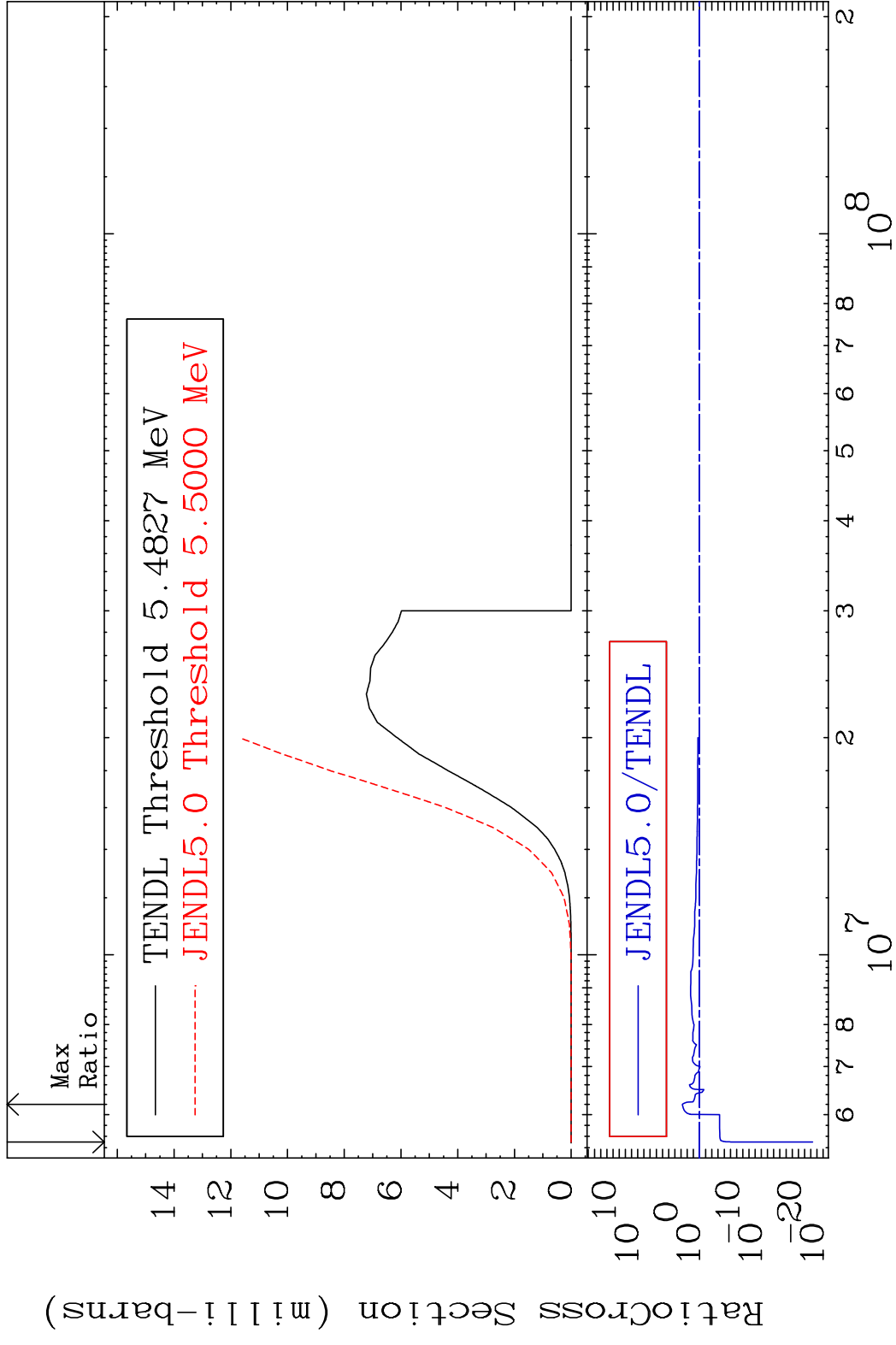
MAT 4855 (n, n') p:47-Ag-115m1 48-Cd-116  
 Radionuclide Production Cross Section Ratio 9999. %



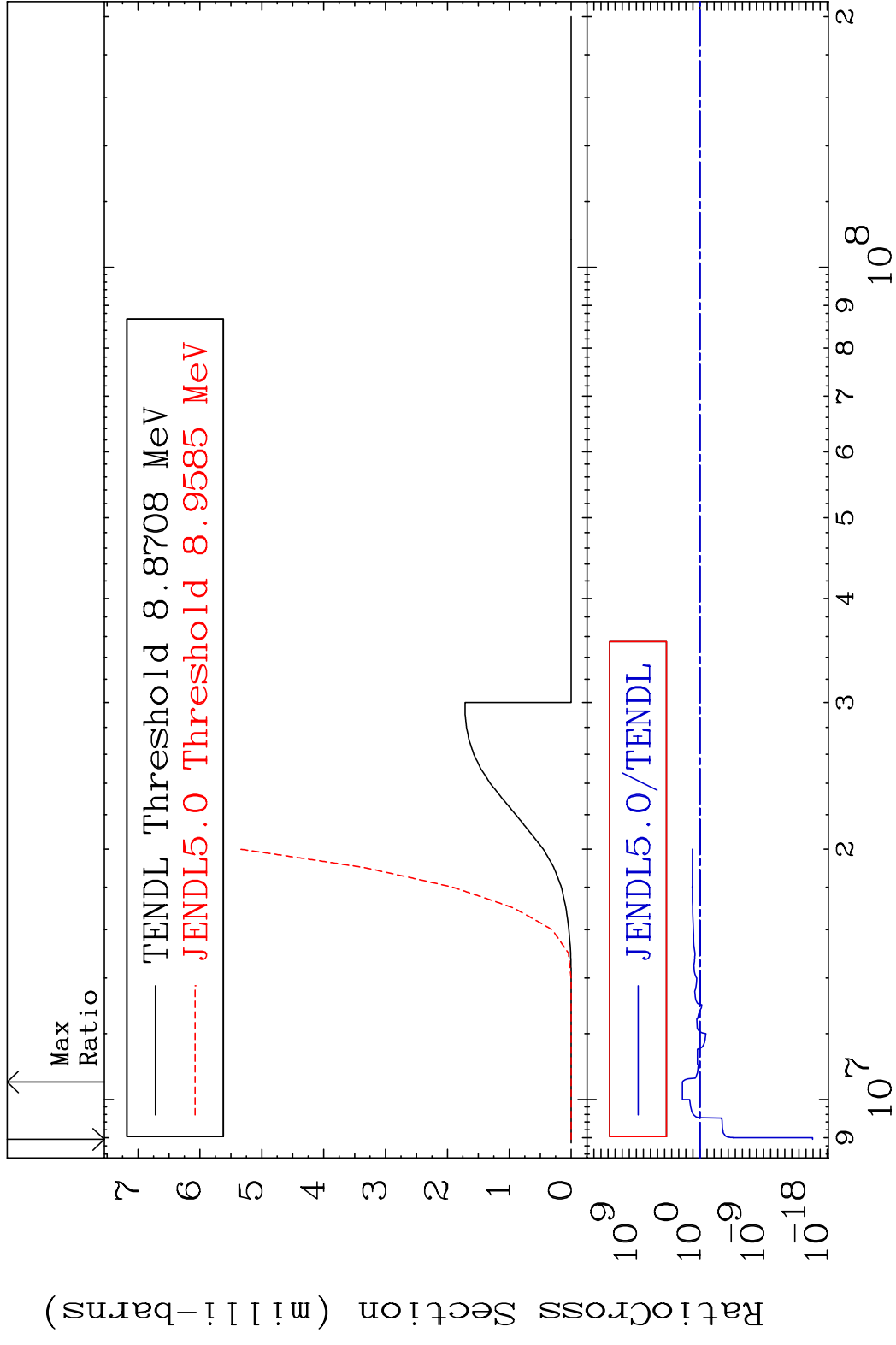
MAT 4855 (n,p):47-Ag-116g 48-Cd-116  
 Radionuclide Production Cross Section Ratio



MAT 4855 (n,p):47-Ag-116m1 48-Cd-116  
 Radionuclide Production Cross Section Ratio



MAT 4855 (n,d):47-Ag-115g 48-Cd-116  
 Radionuclide Production Cross Section Ratio 9999. %



MAT 4855 (n,d):47-Ag-115m1 48-Cd-116  
 Radionuclide Production Cross Section 9999. %

