

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

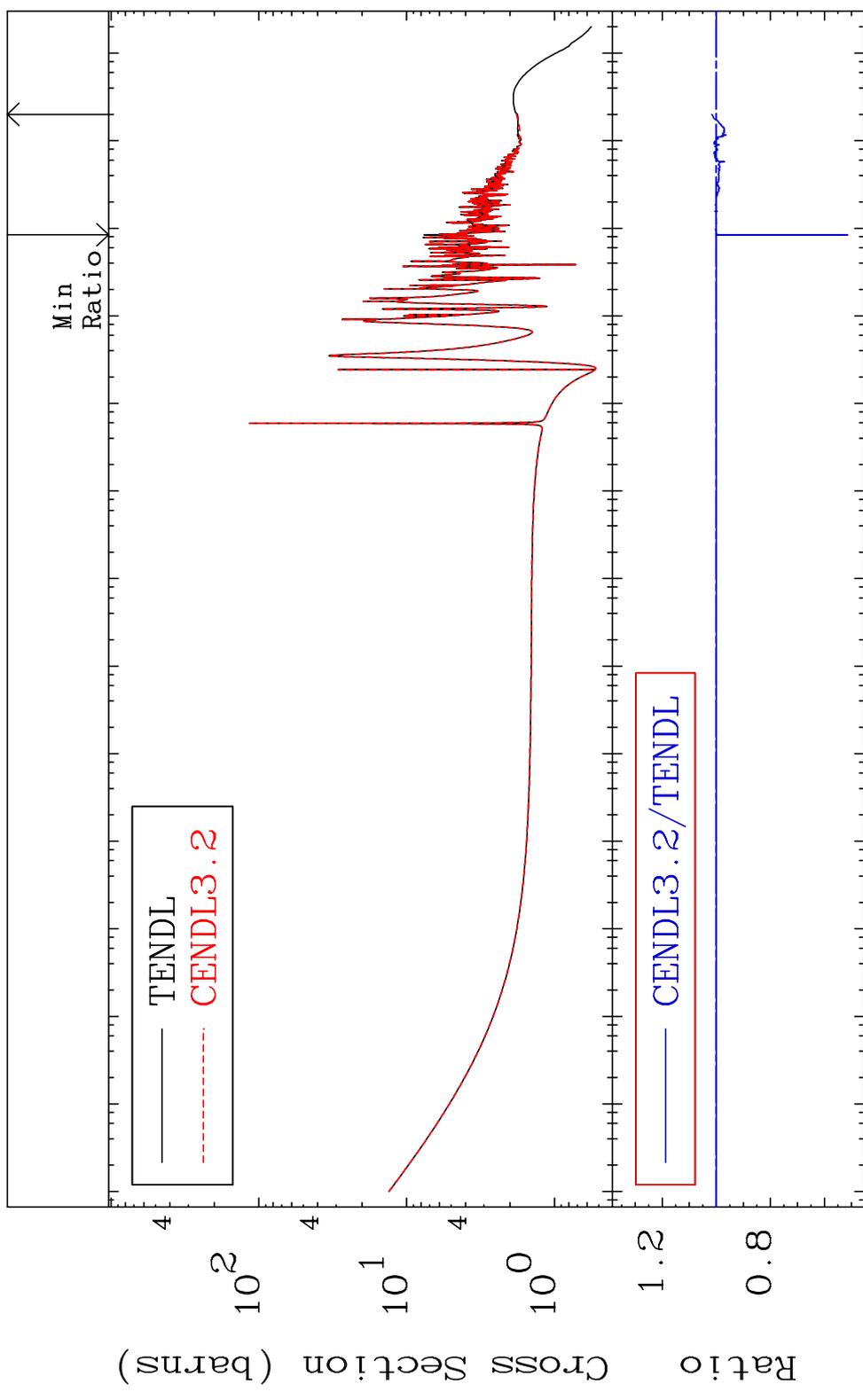
MAT 1325

Total

13-A1-27

Cross Section

-48.55 To 1.676 %



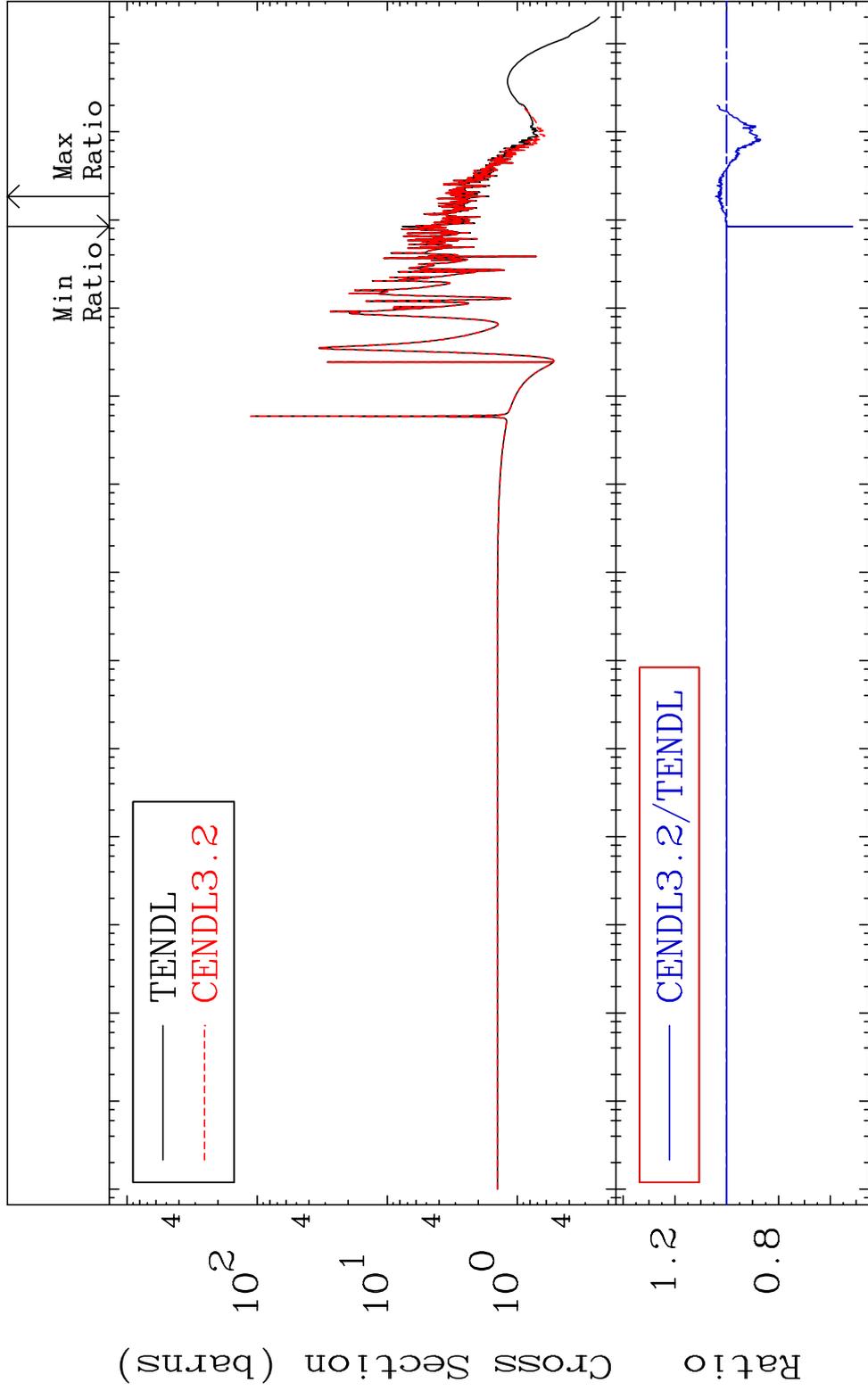
MAT 1325

Elastic

13-Al-27

Cross Section

-48.55 To 4.185 %

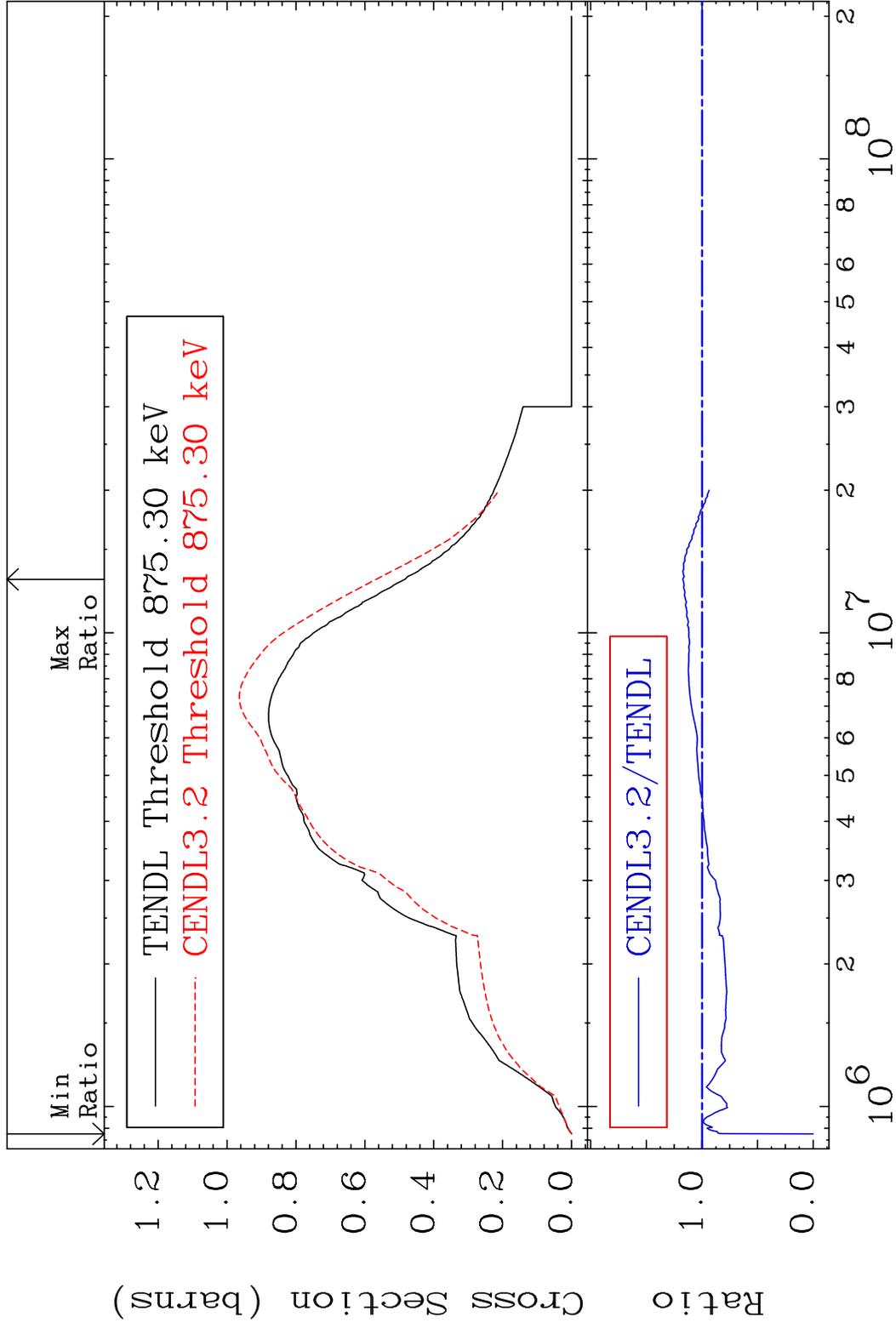


2

Incident Energy (eV)

13-Al-27

MAT 1325 Inelastic 13-Al-27  
 Cross Section -100.0 To 17.20 %



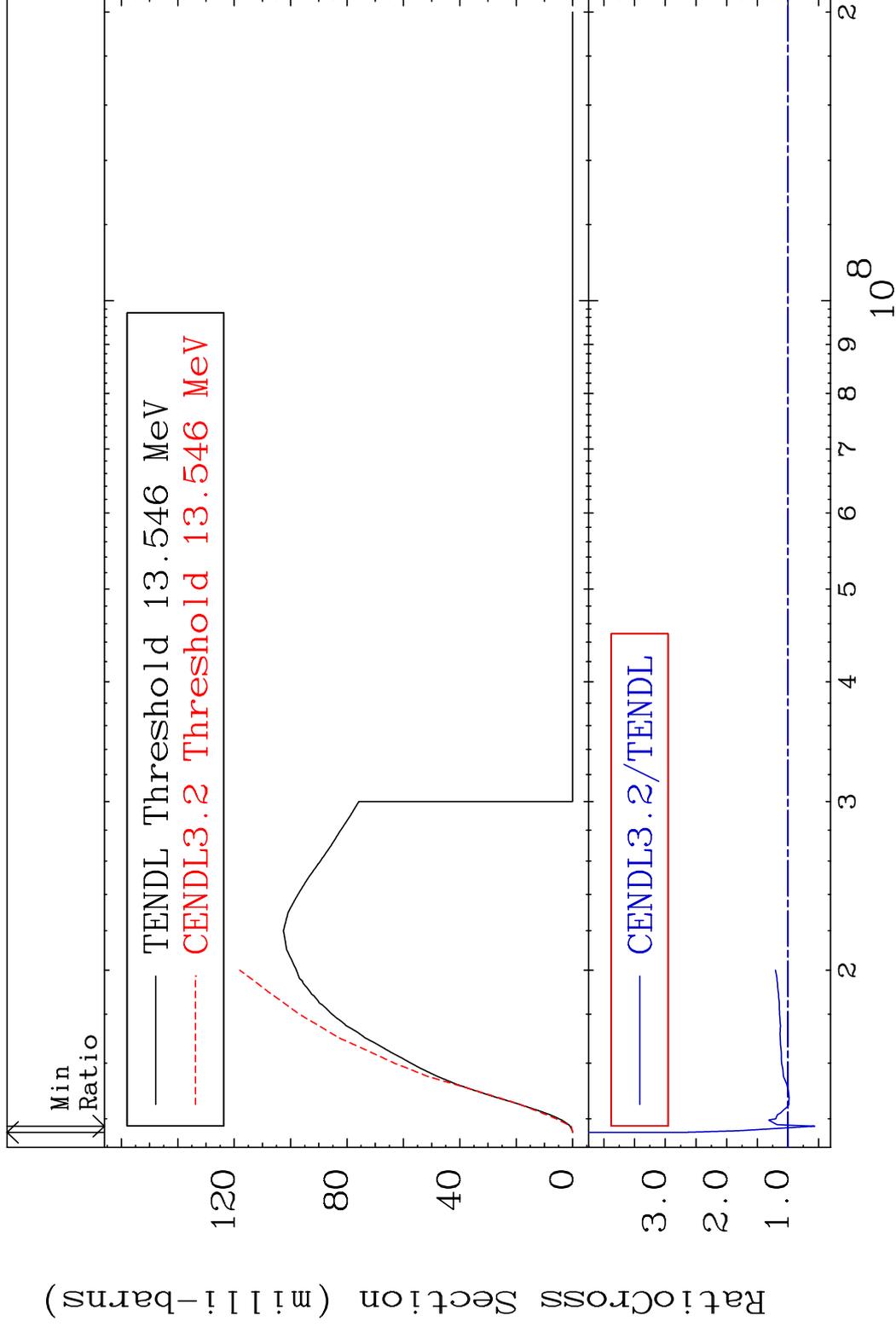
3 Incident Energy (eV) 13-Al-27

MAT 1325

(n,2n)

13-A1-27

Cross Section -43.58 To 169.3 %

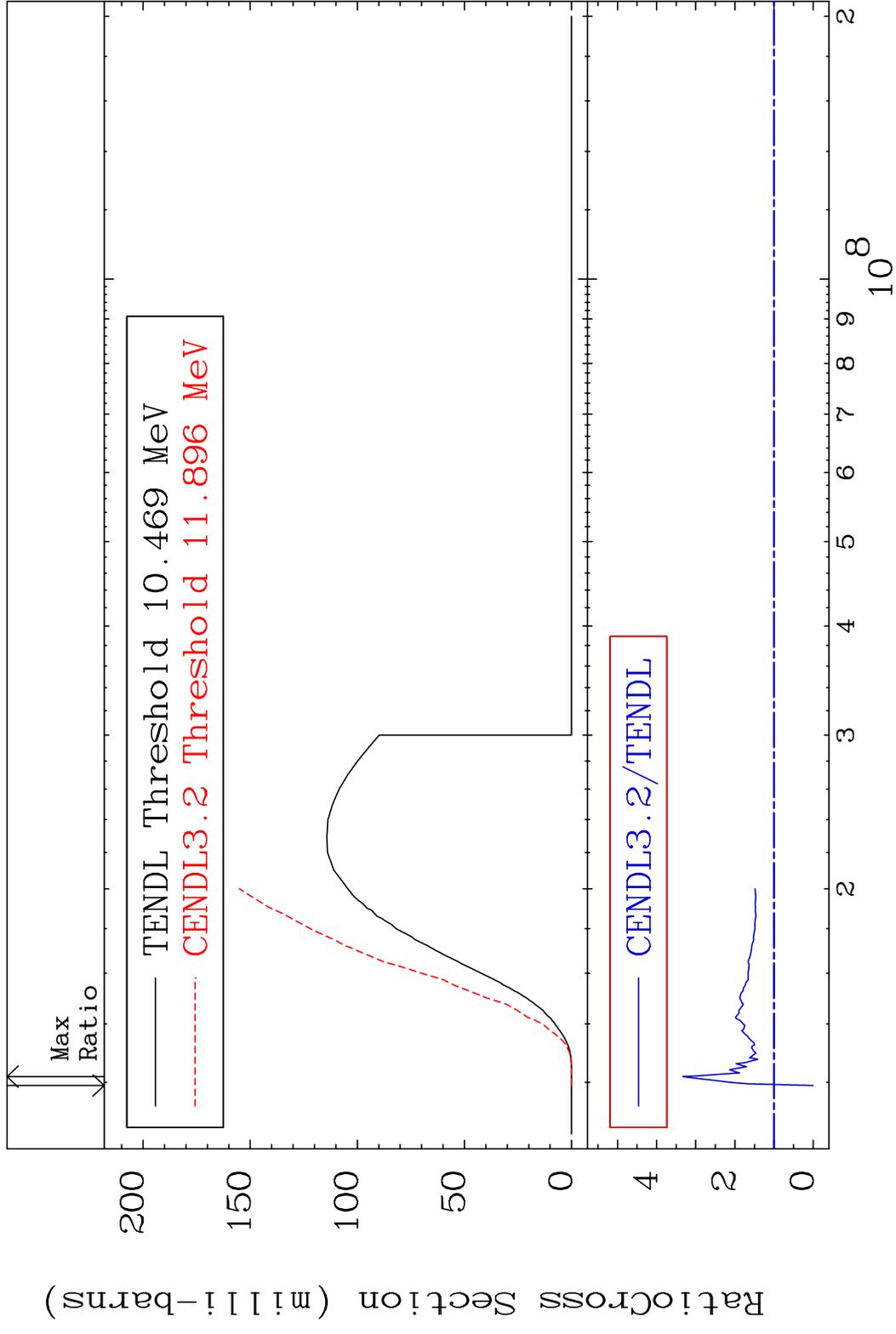


4

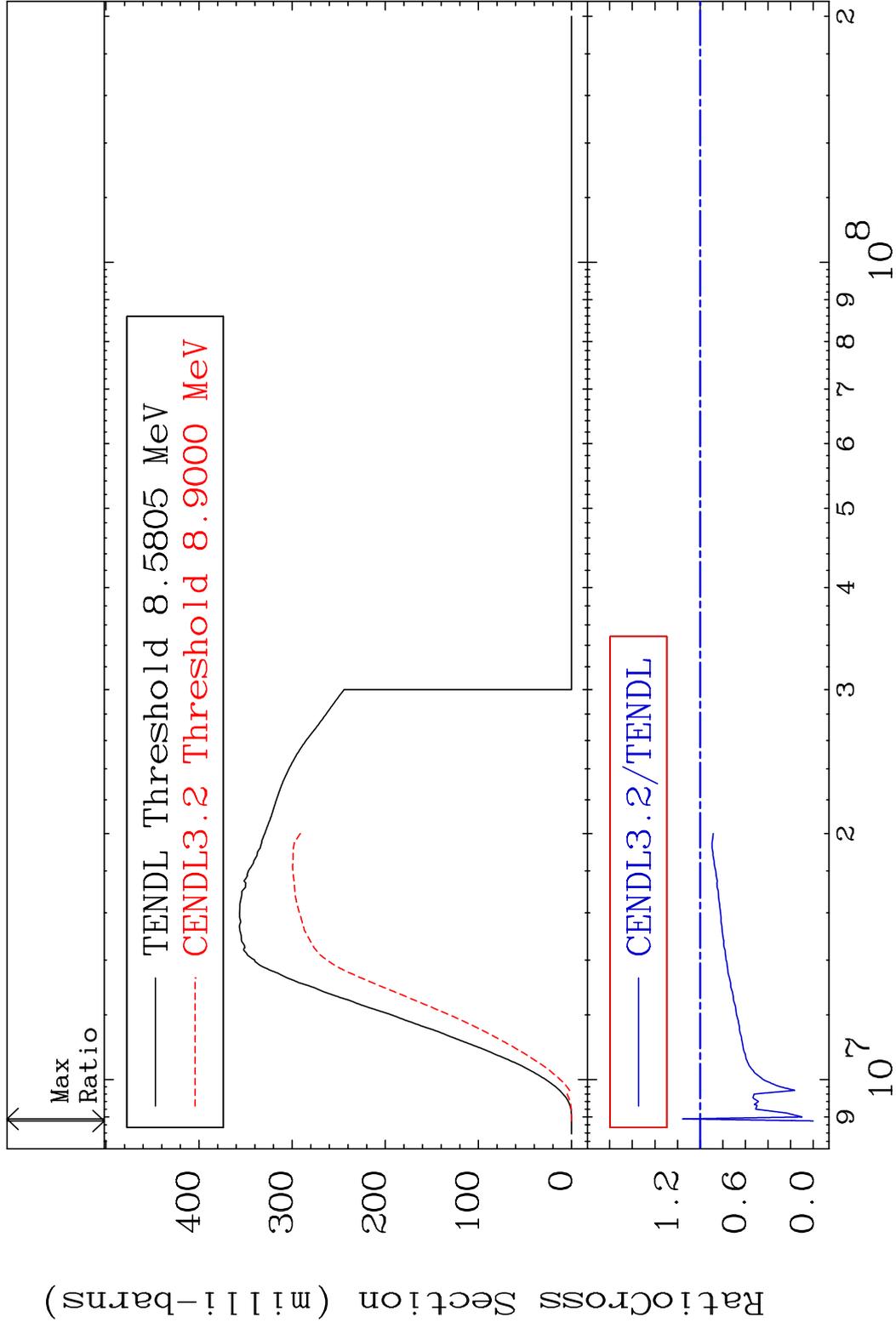
Incident Energy (eV)

13-A1-27

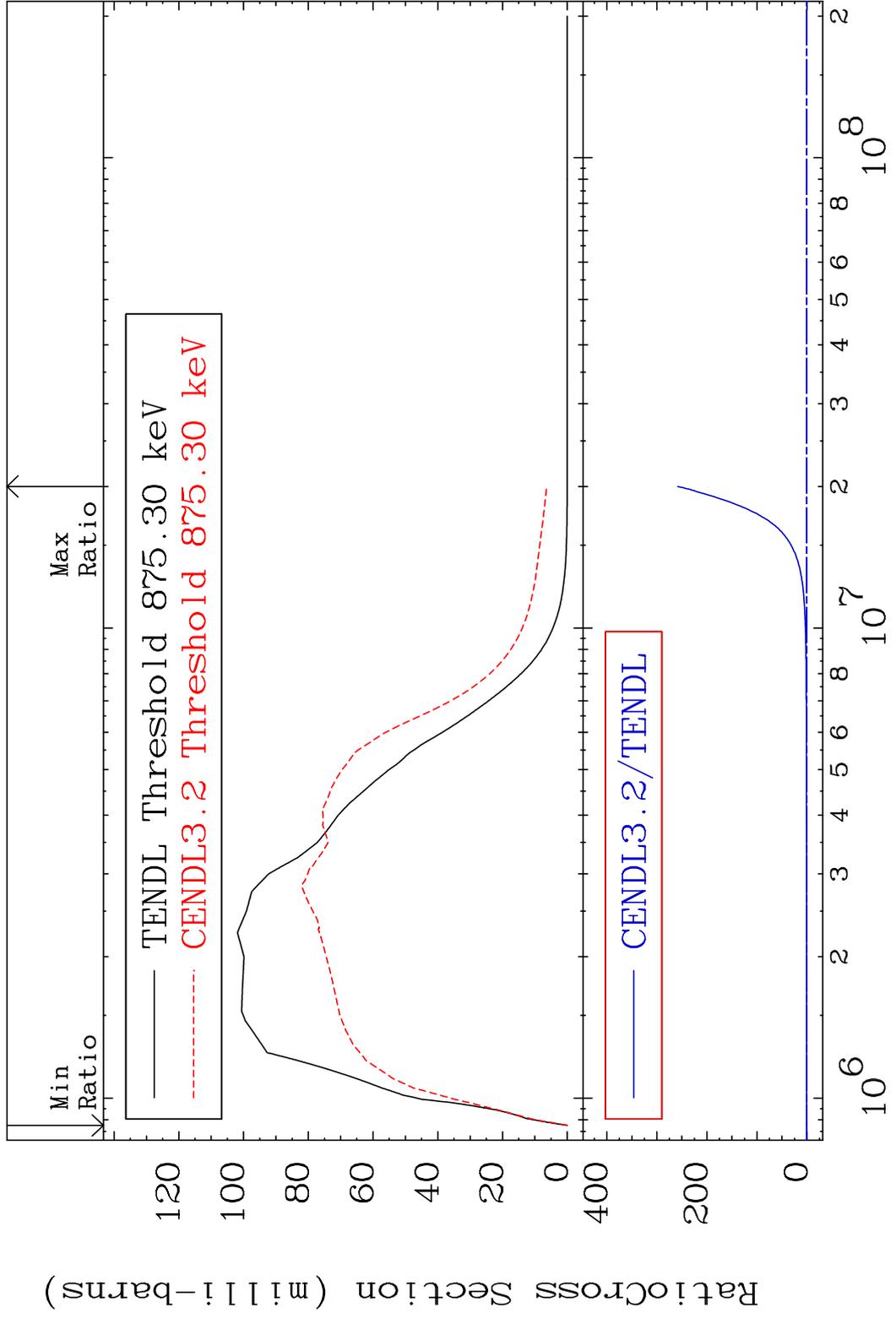
MAT 1325 (n, n')  $\alpha$  13-Al-27  
 Cross Section -100.0 To 233.0 %



MAT 1325 (n, n') p 13-Al-27  
 Cross Section -100.0 To 15.30 %

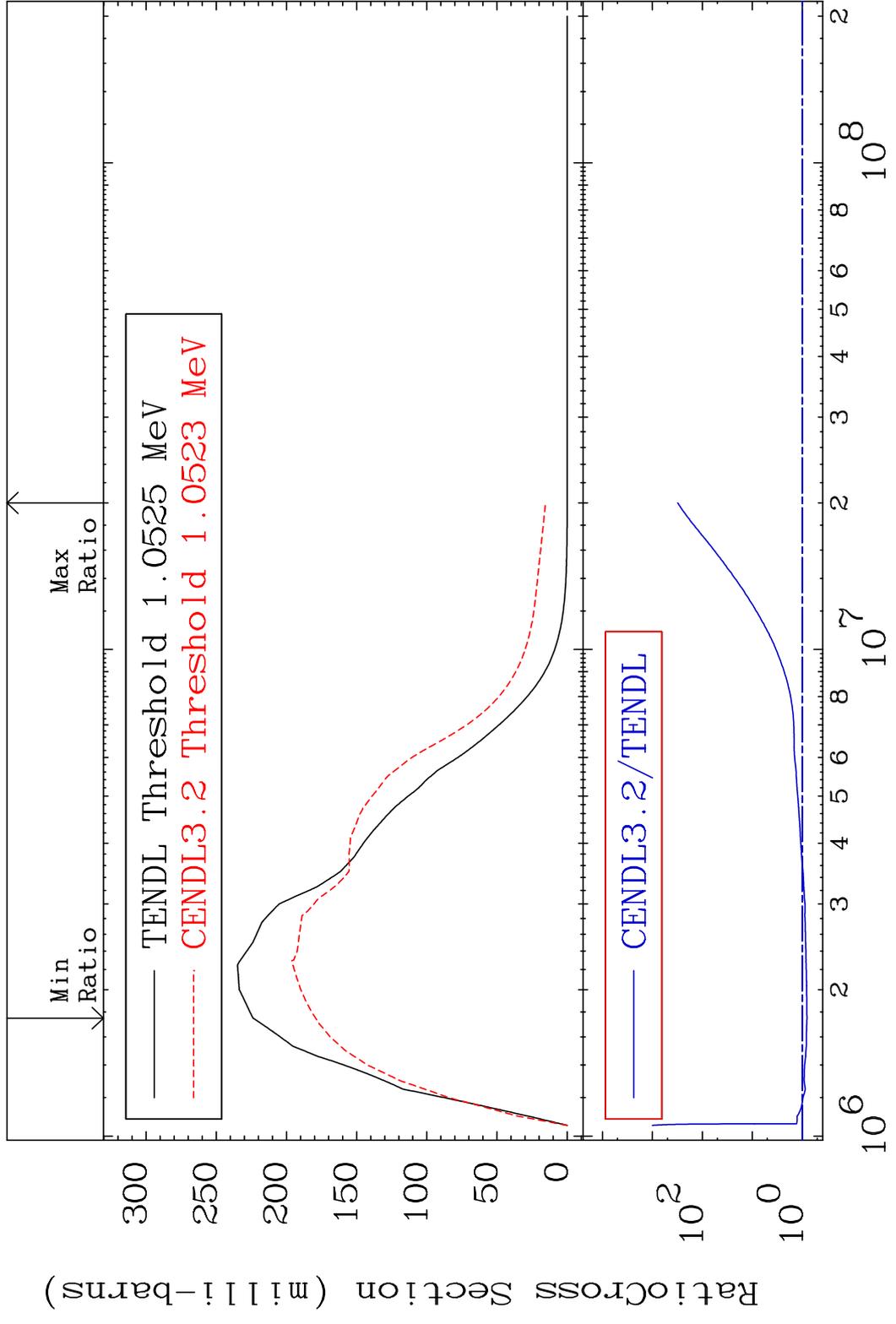


MAT 1325 MT= 51 (n, n') Level 13-Al-27  
 Cross Section -100.0 To 9999. %



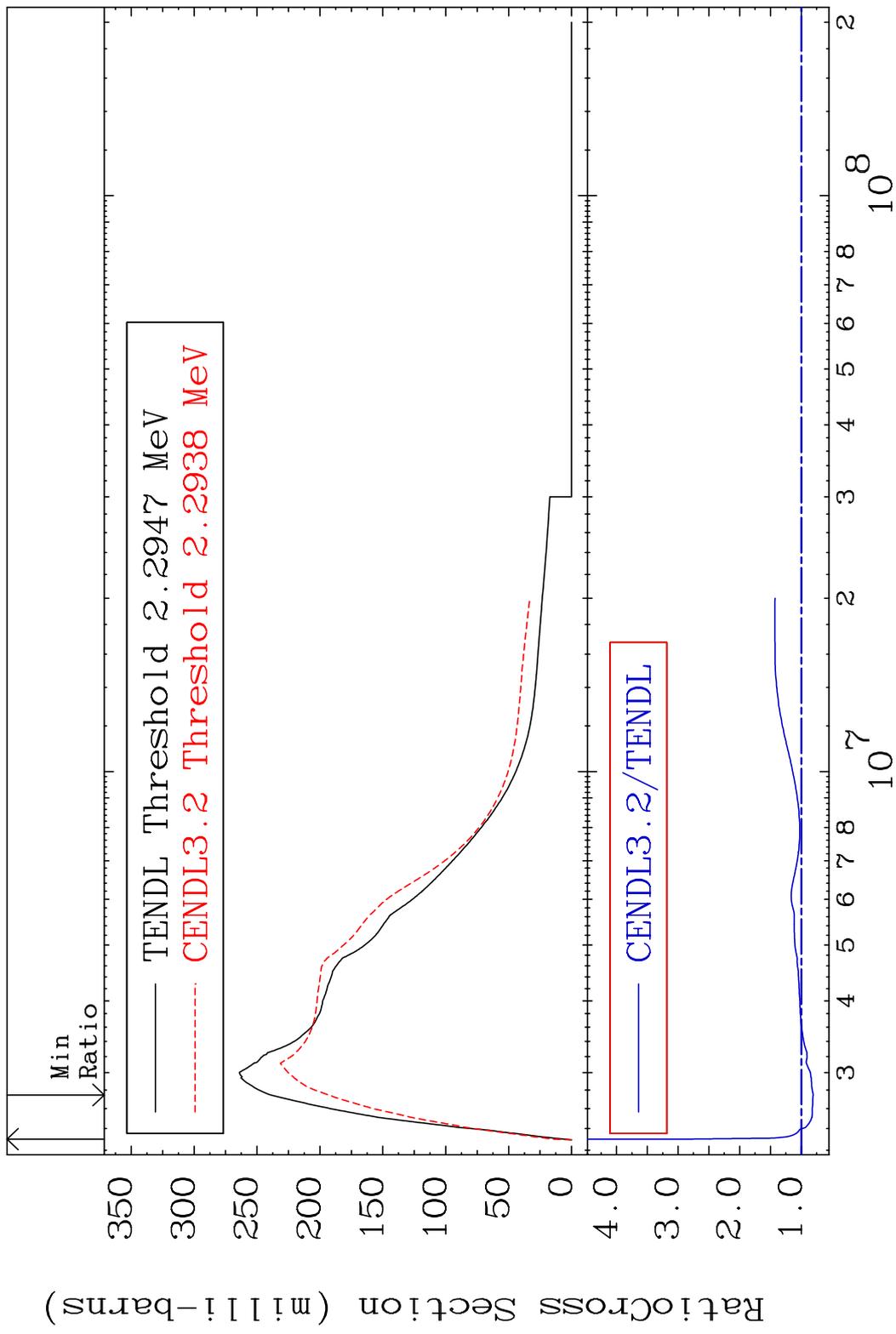
7 Incident Energy (eV) 13-Al-27

MAT 1325 MT= 52 (n, n') Level 13-Al-27  
 Cross Section -19.93 To 9999. %

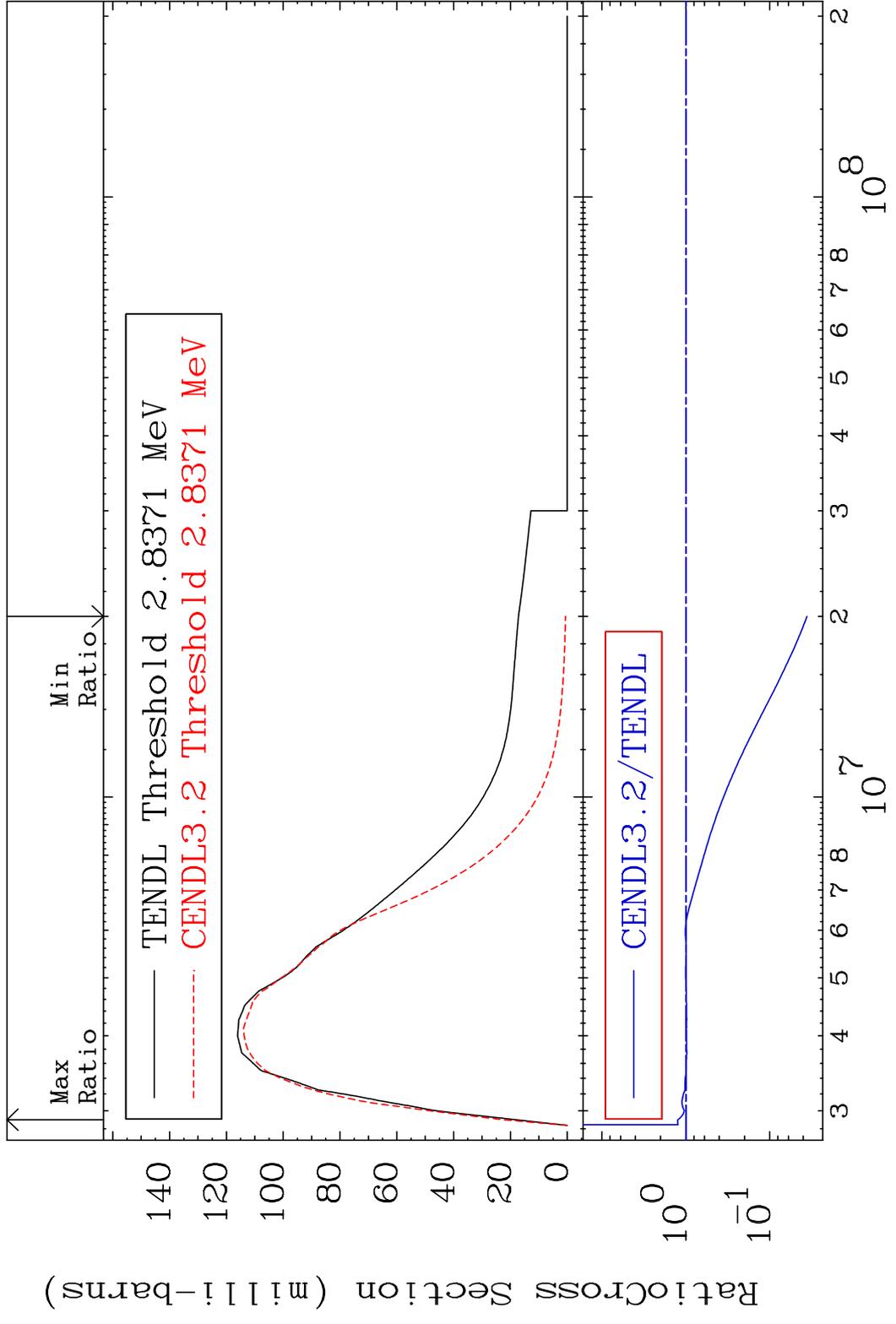


8 8 Incident Energy (eV) 13-Al-27

MAT 1325 MT= 53 (n, n') Level 13-Al-27  
 Cross Section -19.20 To 192.3 %

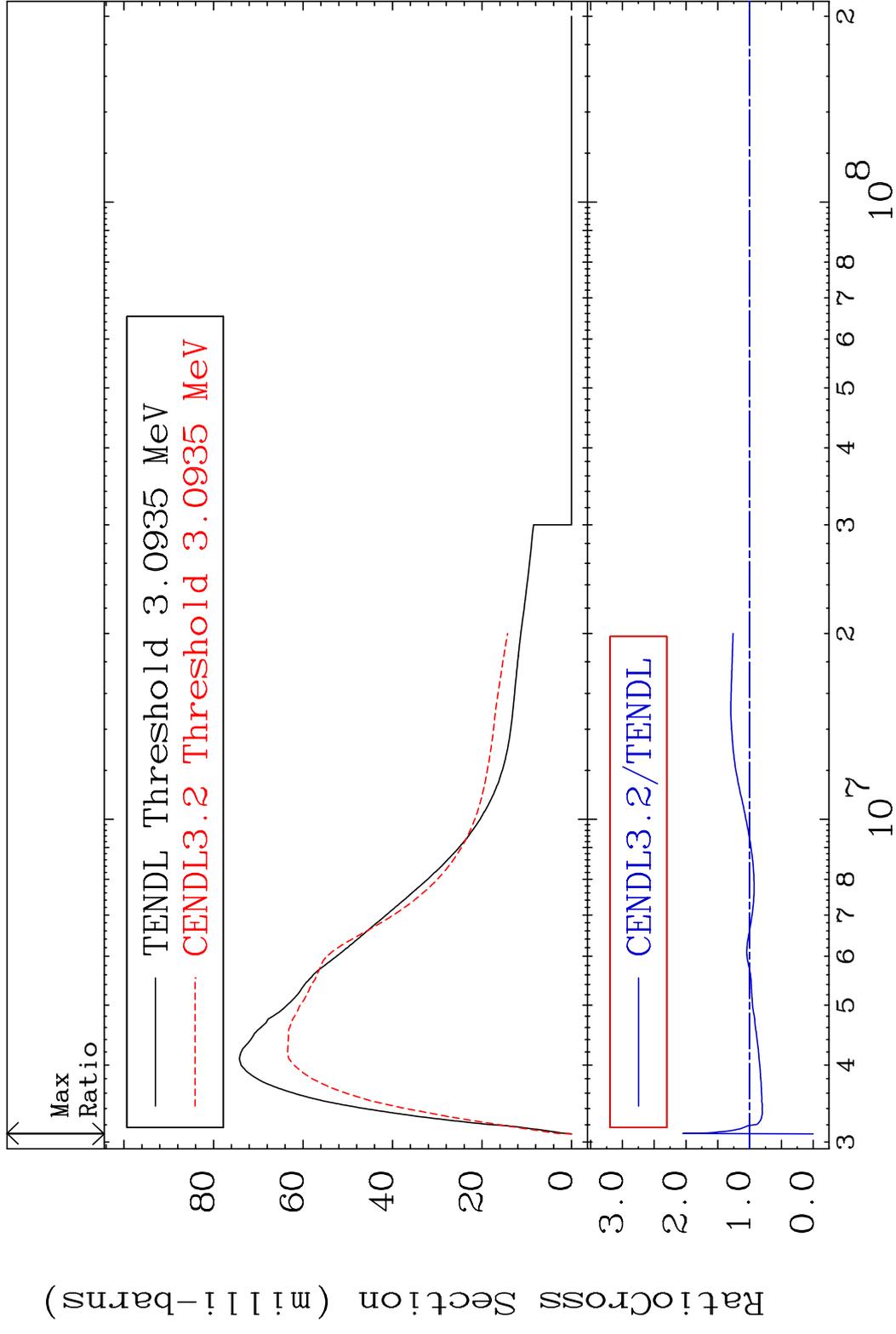


MAT 1325 MT= 54 (n,n') Level 13-Al-27  
 Cross Section -96.40 To 25.07 %

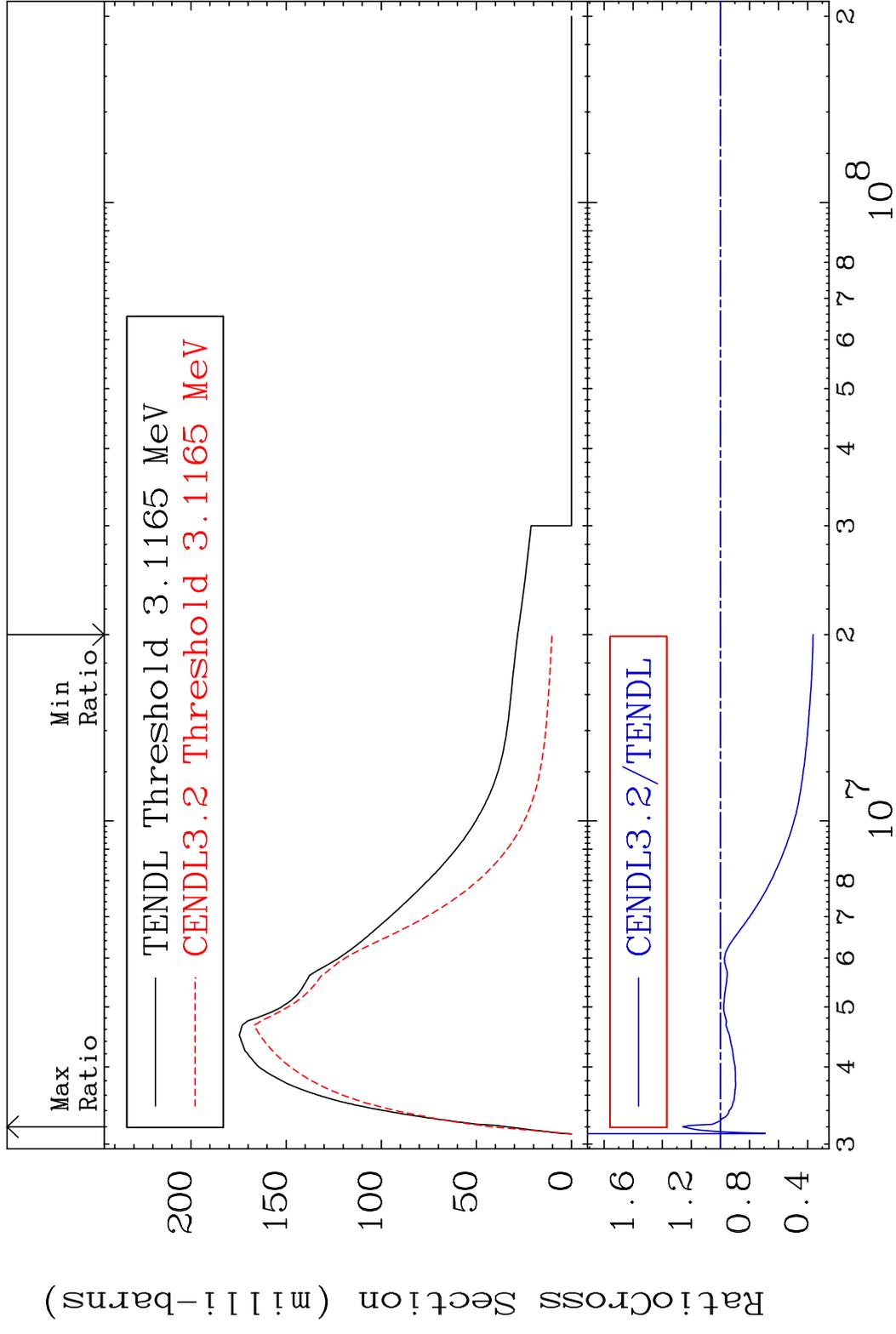


10 10 Incident Energy (eV) 13-Al-27

MAT 1325 MT= 55 (n,n') Level 13-Al-27  
 Cross Section -100.0 To 105.0 %

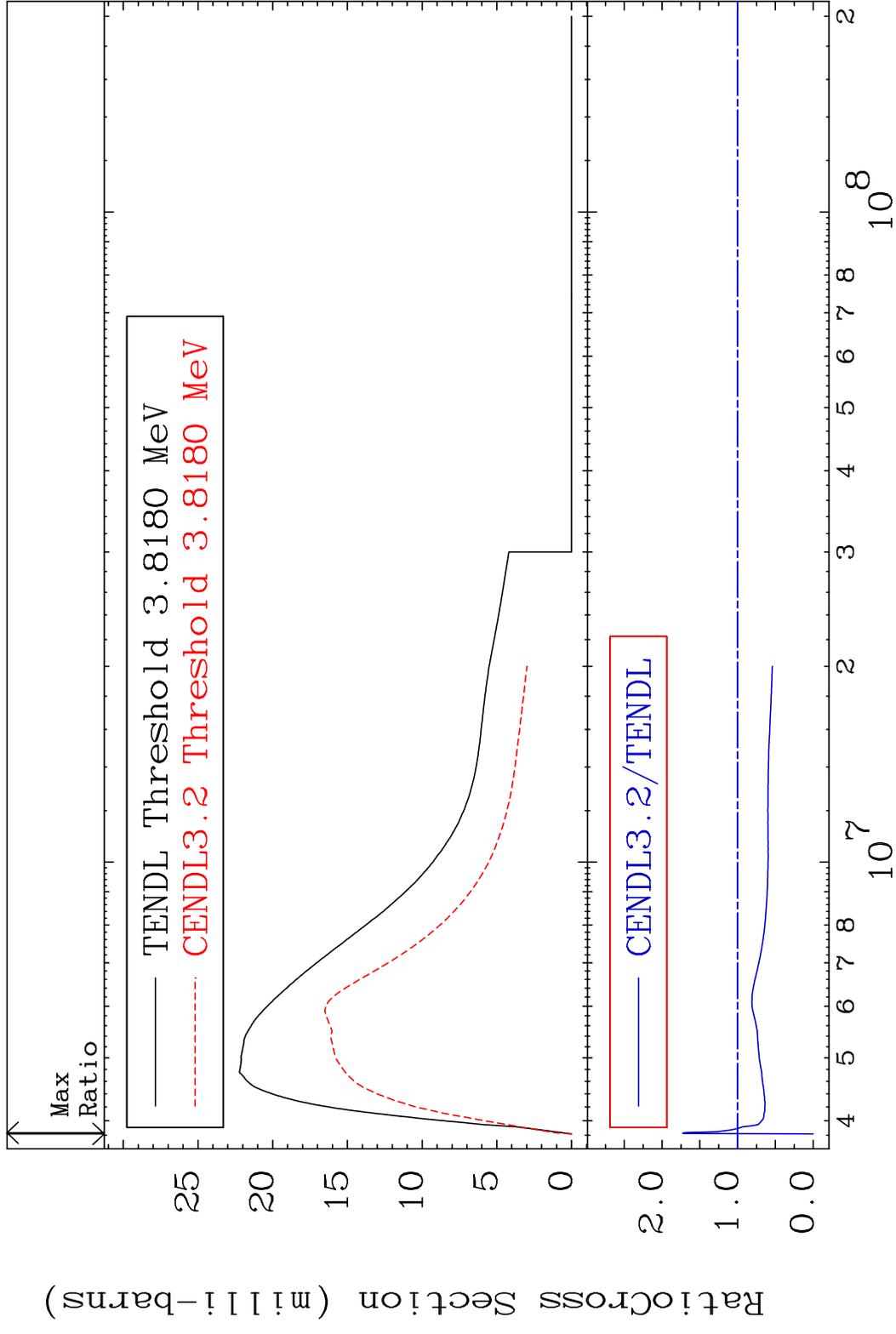


MAT 1325 MT= 56 (n,n') Level 13-A1-27  
 Cross Section -63.75 To 25.88 %

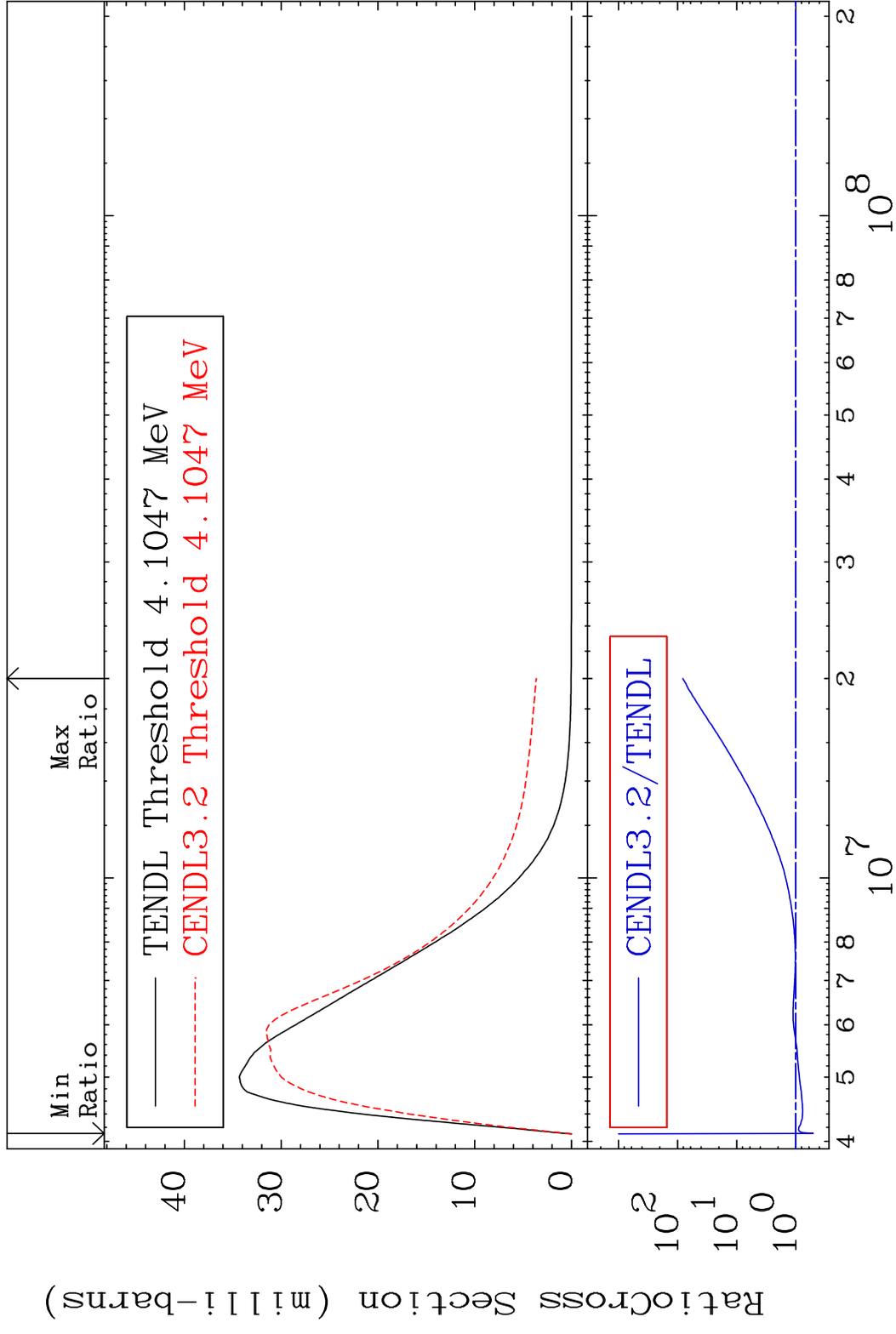


12 Incident Energy (eV) 13-A1-27

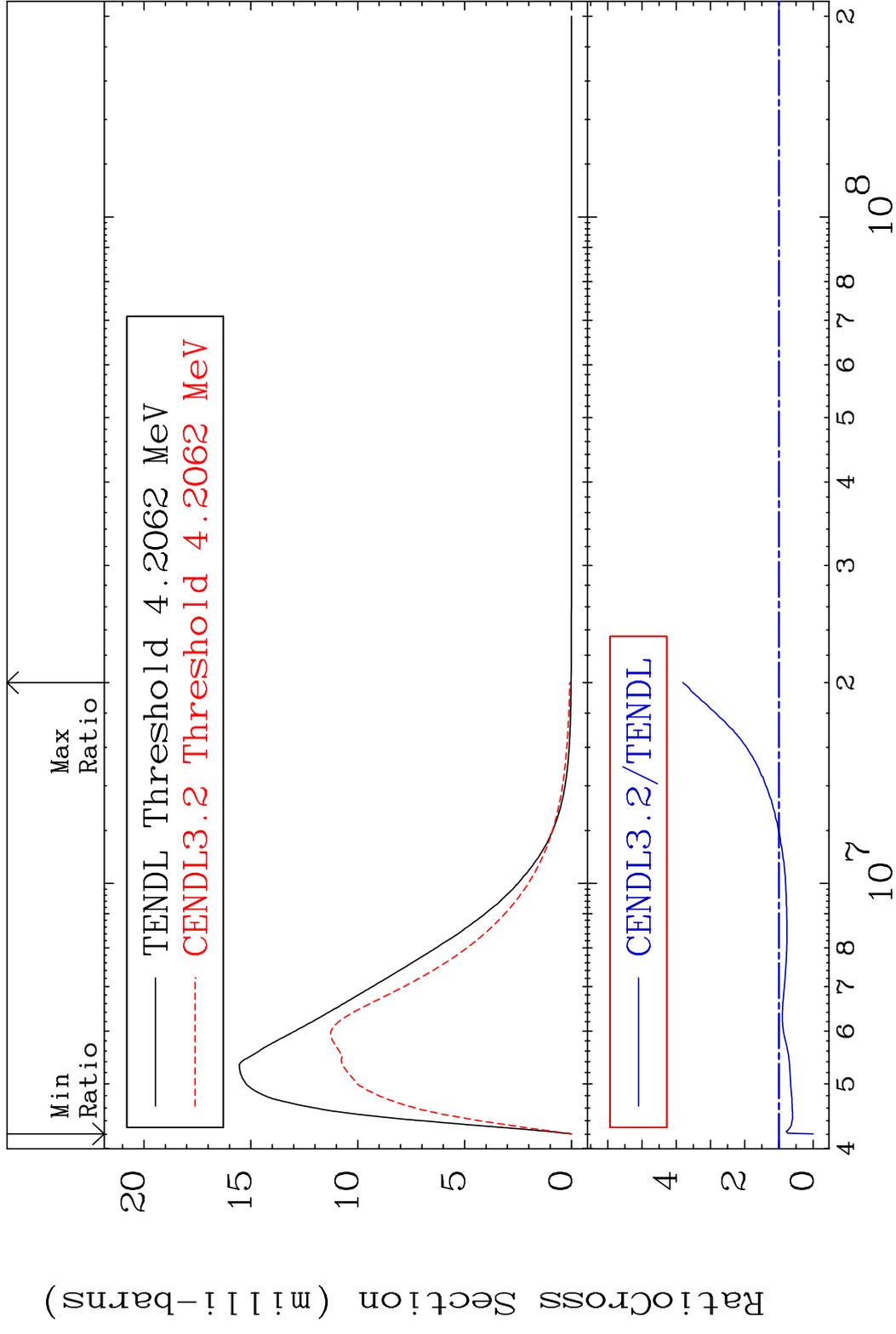
MAT 1325 MT= 57 (n,n') Level 13-Al-27  
 Cross Section -100.0 To 72.51 %



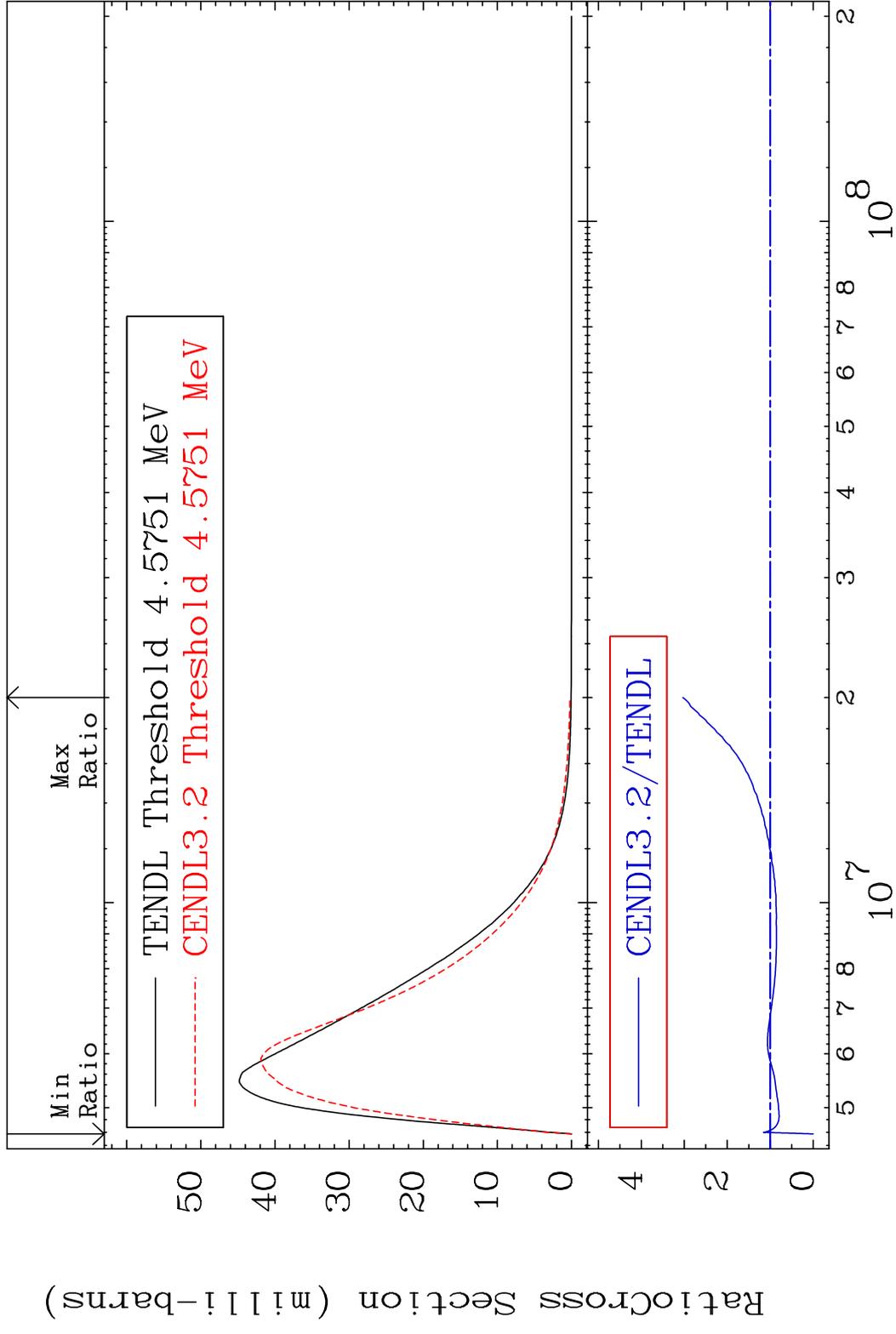
MAT 1325 MT= 58 (n,n') Level 13-Al-27  
 Cross Section -48.88 To 8063. %



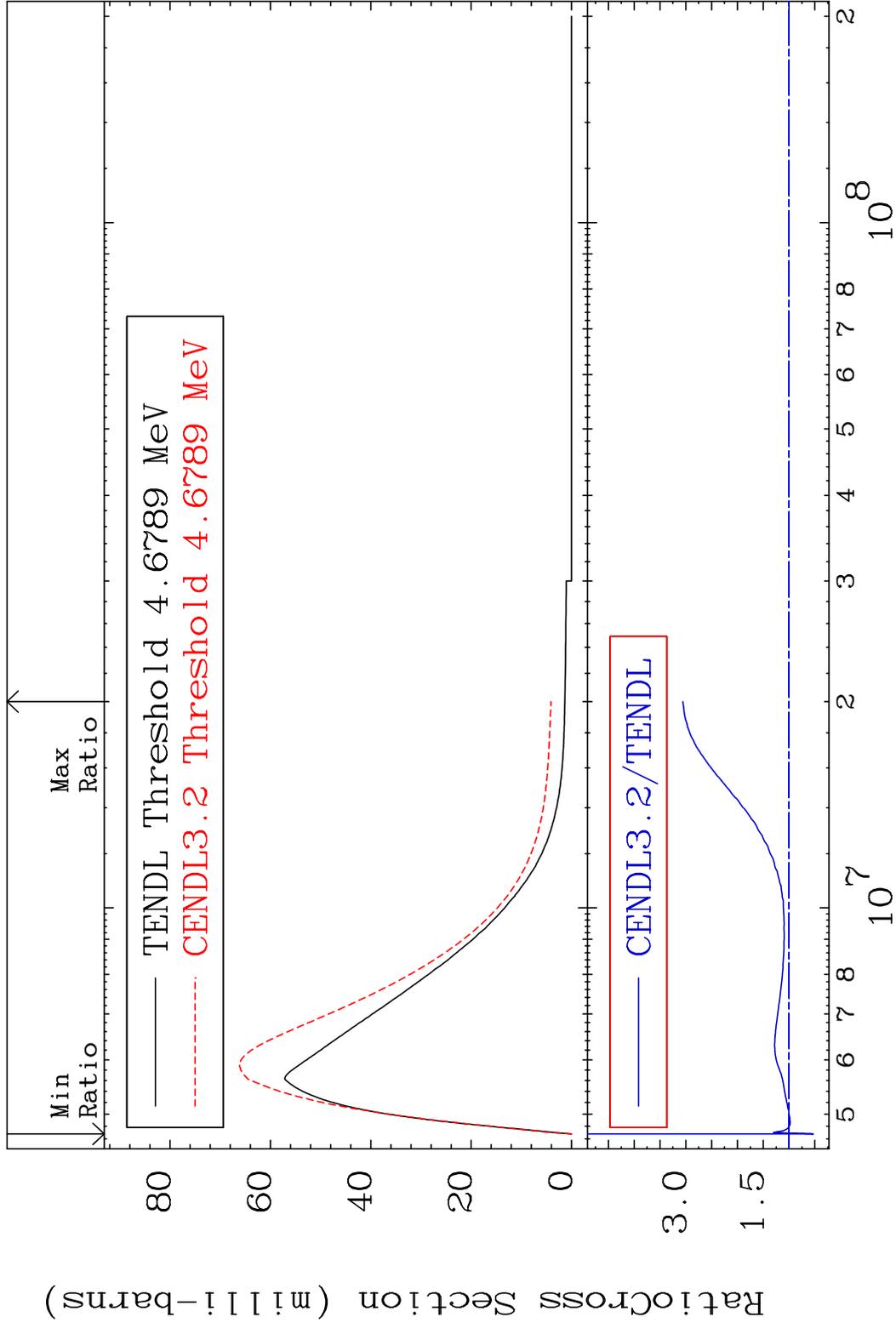
MAT 1325 MT= 59 (n, n') Level 13-Al-27  
 Cross Section -100.0 To 280.8 %



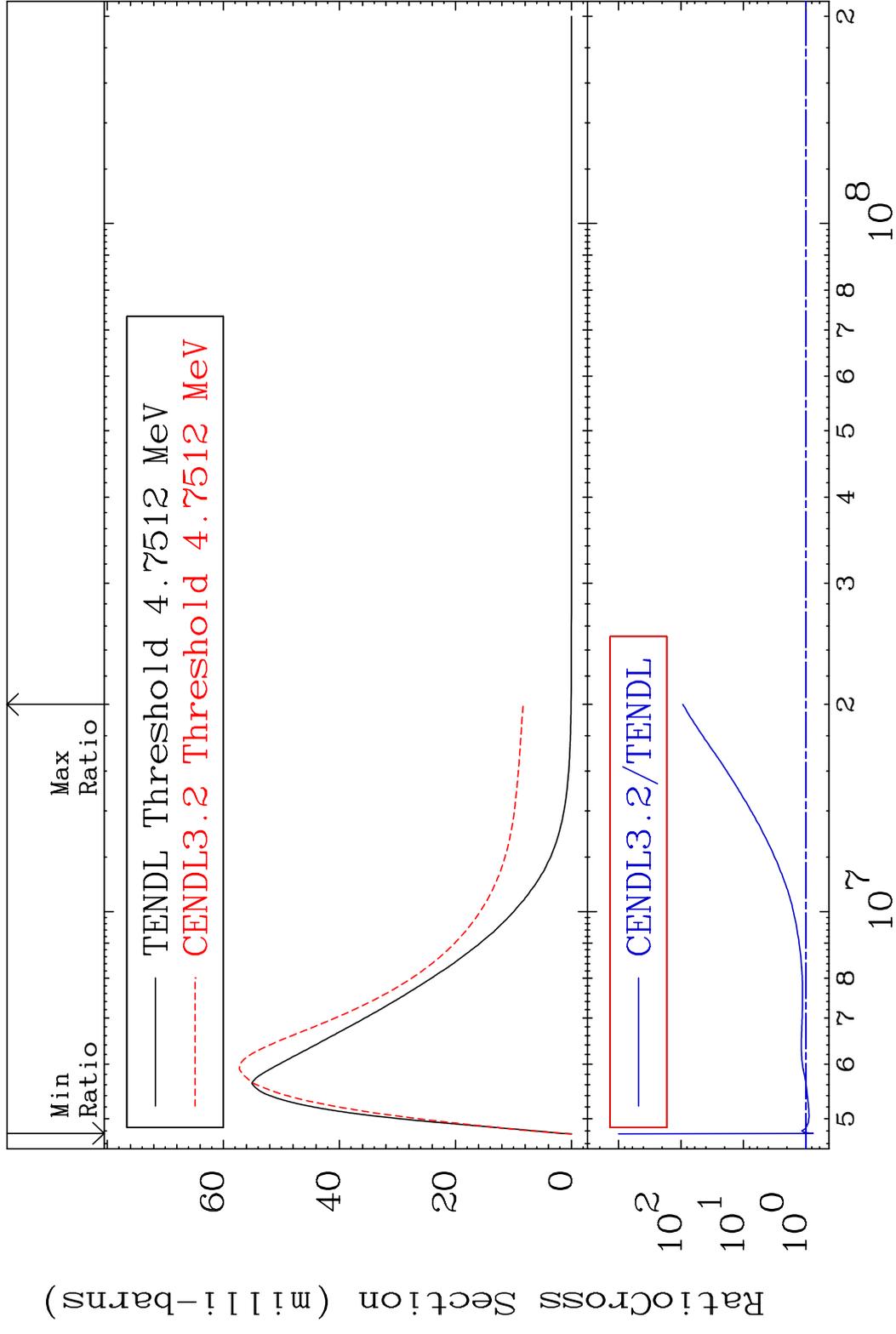
MAT 1325 MT= 60 (n, n') Level 13-A1-27  
 Cross Section -100.0 To 203.4 %



MAT 1325 MT= 61 (n,n') Level 13-A1-27  
 Cross Section -46.77 To 205.8 %



MAT 1325 MT= 62 (n,n') Level 13-A1-27  
 Cross Section -23.78 To 9244. %

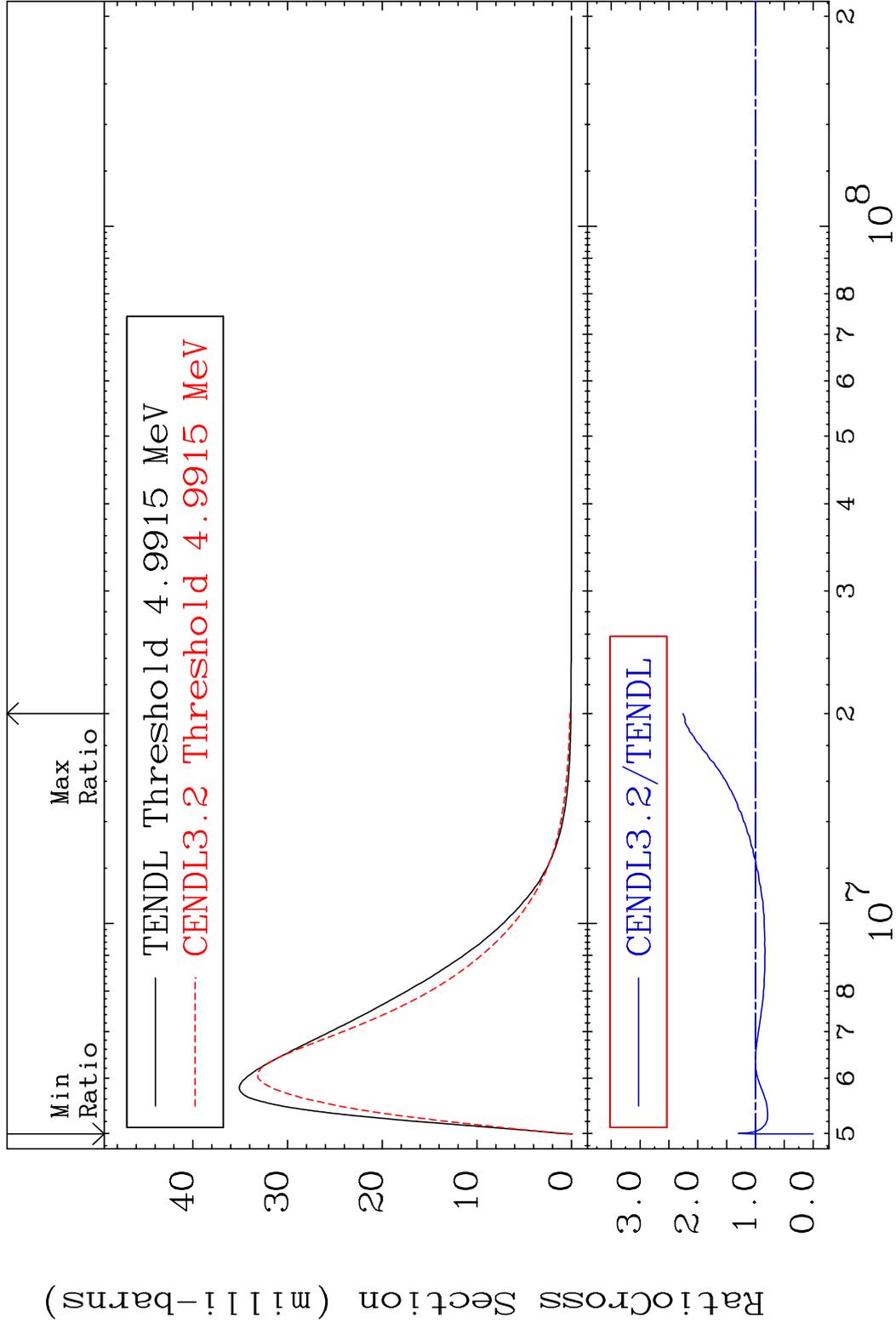


MAT 1325

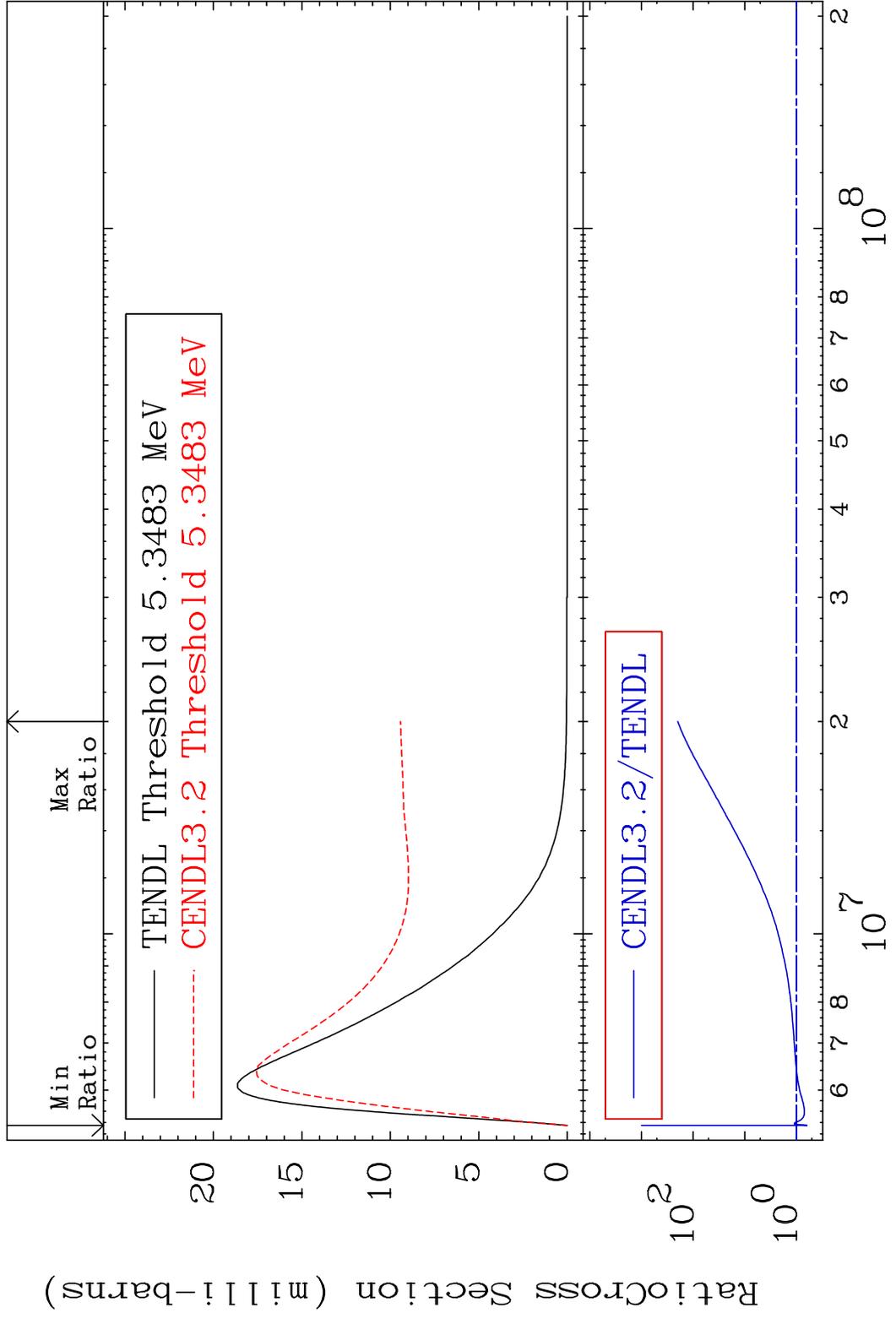
MT= 63 (n, n') Level

13-Al-27

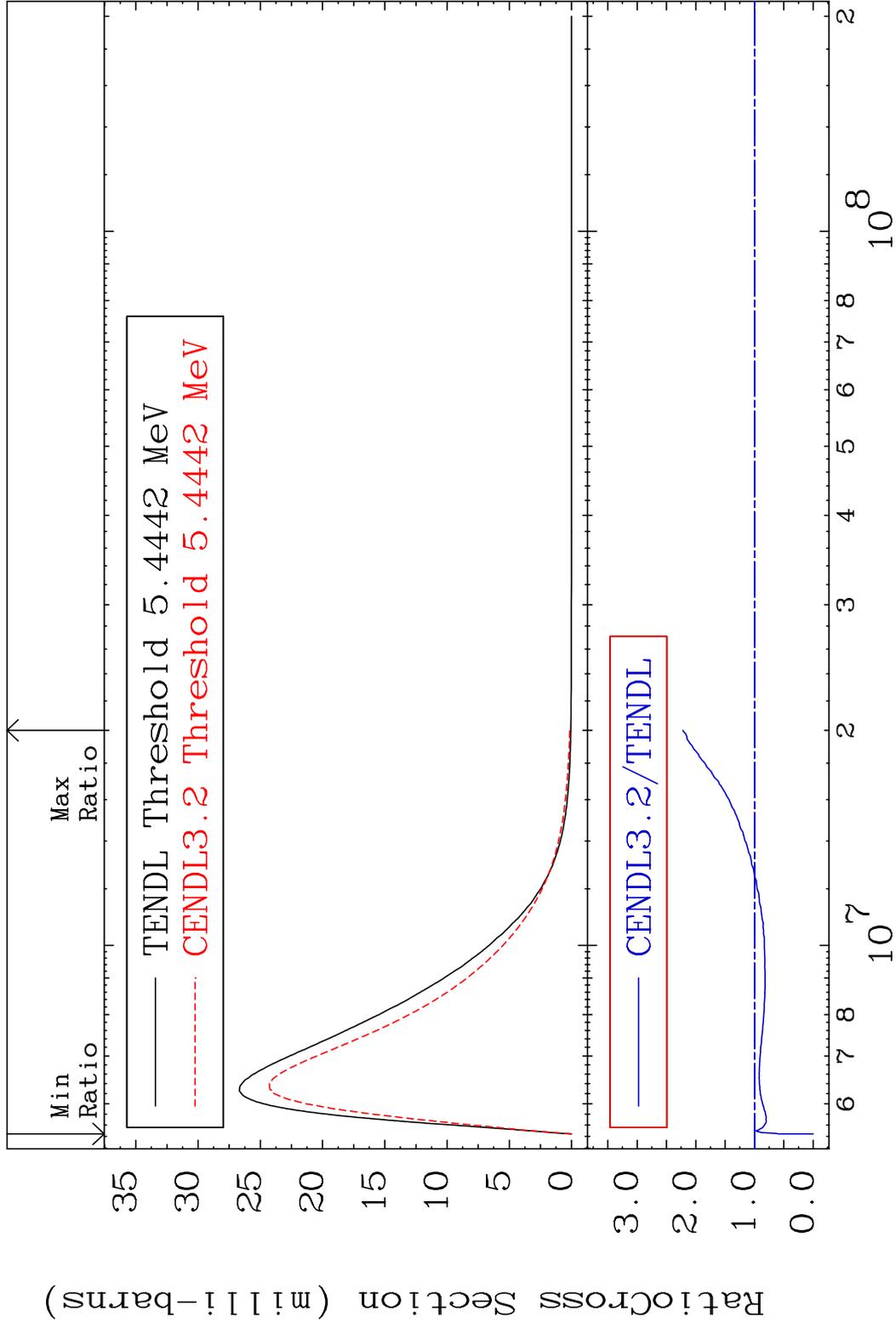
Cross Section -100.0 To 125.9 %



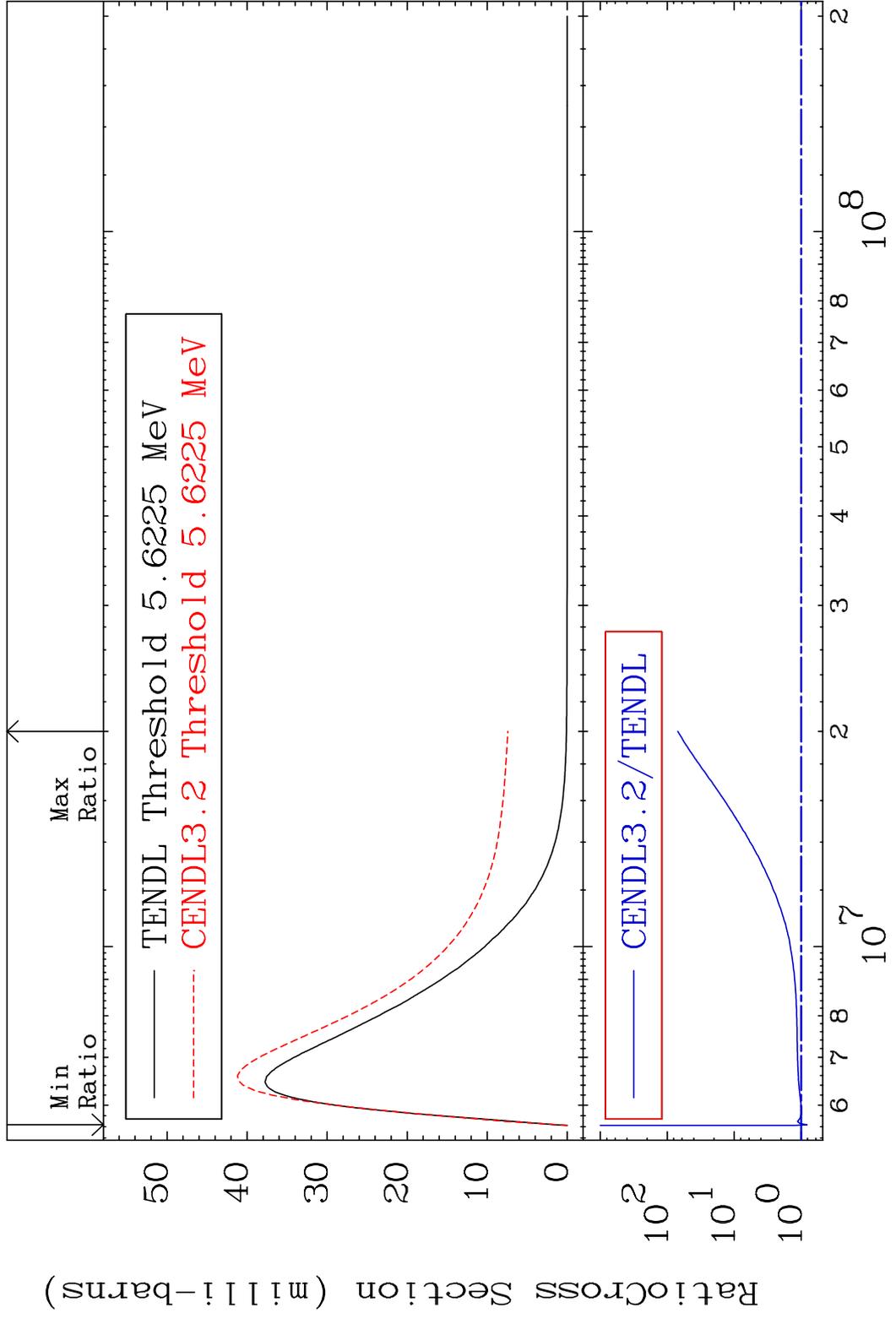
MAT 1325 MT= 64 (n,n') Level 13-A1-27  
 Cross Section -37.76 To 9999. %



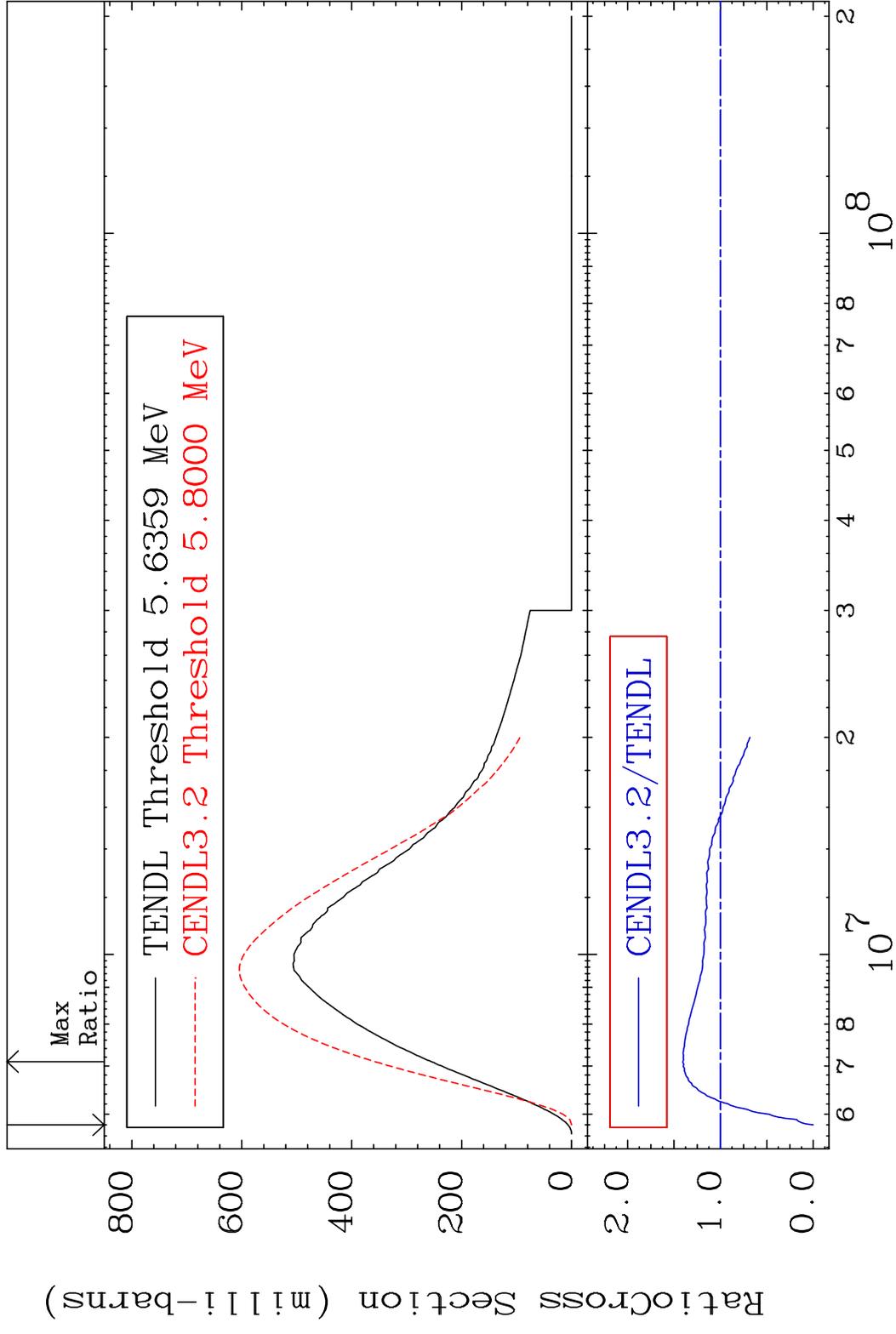
MAT 1325 MT= 65 (n,n') Level 13-A1-27  
 Cross Section -100.0 To 122.1 %



MAT 1325 MT= 66 (n,n') Level 13-A1-27  
 Cross Section -18.50 To 6876. %



MAT 1325 (n,n') Continuum 13-Al-27  
 Cross Section -100.0 To 40.54 %



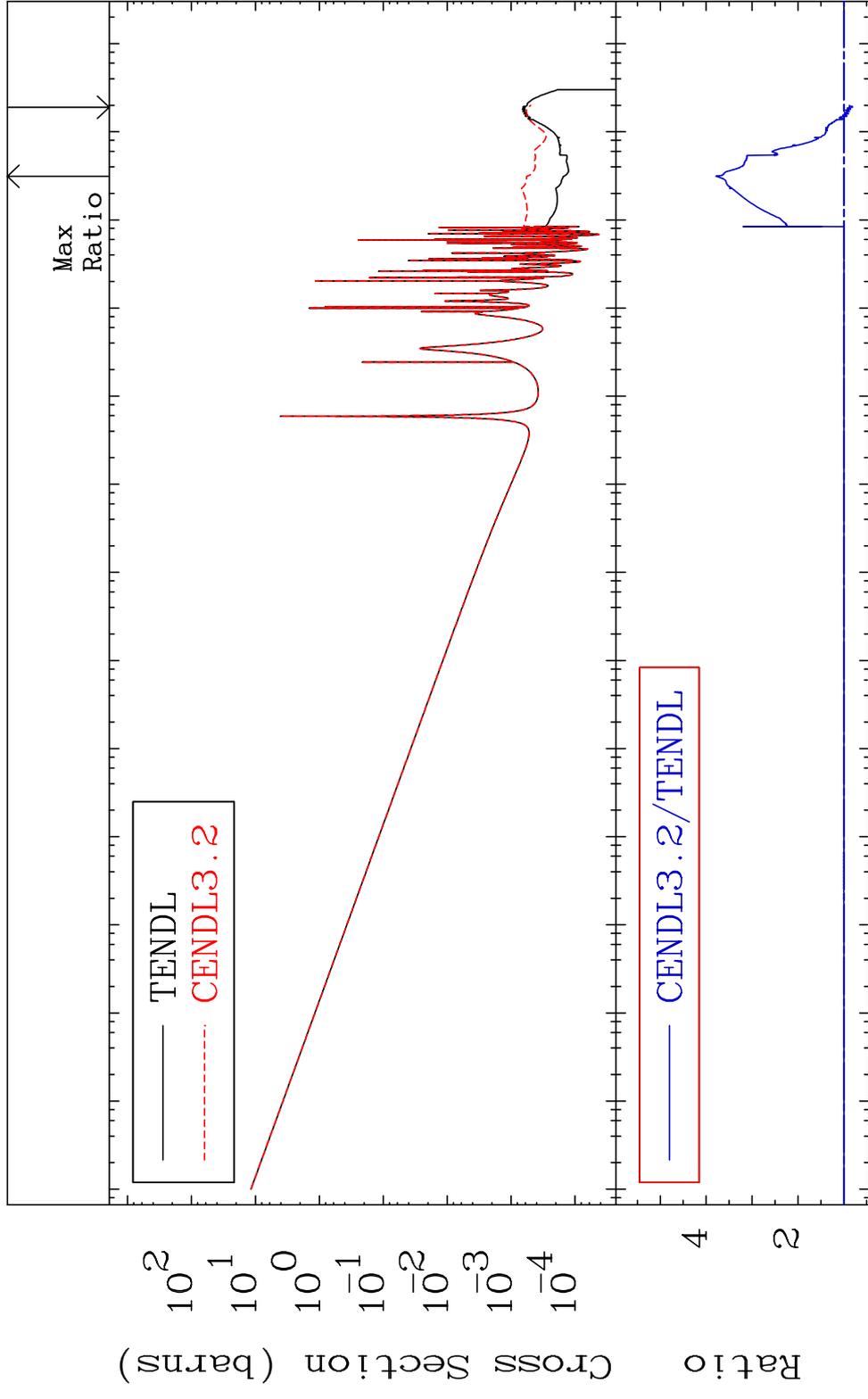
MAT 1325

(n,  $\gamma$ )

13-Al-27

Cross Section

-18.92 To 278.8 %

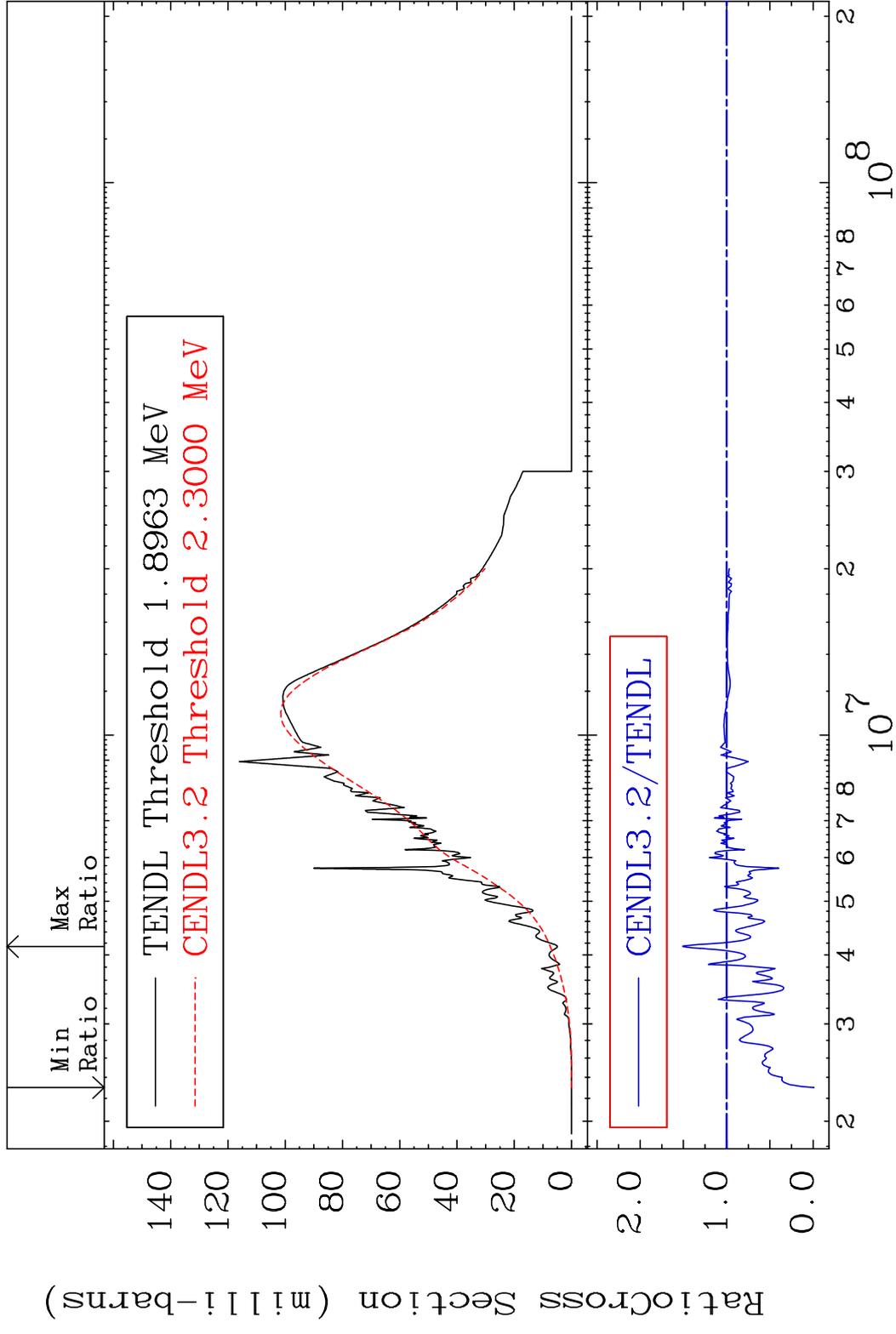


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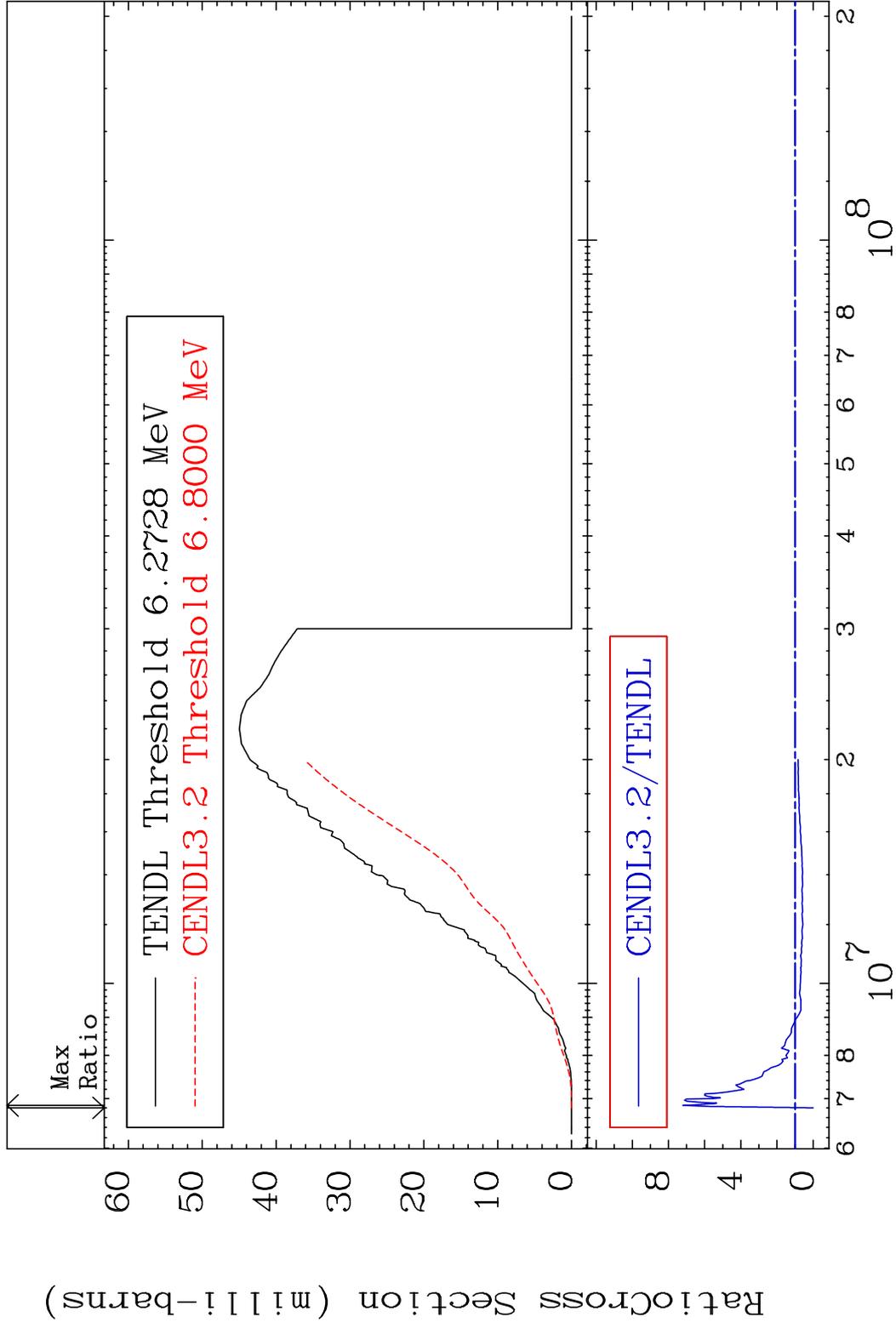
Incident Energy (eV)

13-Al-27

MAT 1325 (n,p) 13-Al-27  
 Cross Section -100.0 To 50.70 %



MAT 1325 (n,d) 13-Al-27  
 Cross Section -100.0 To 620.7 %

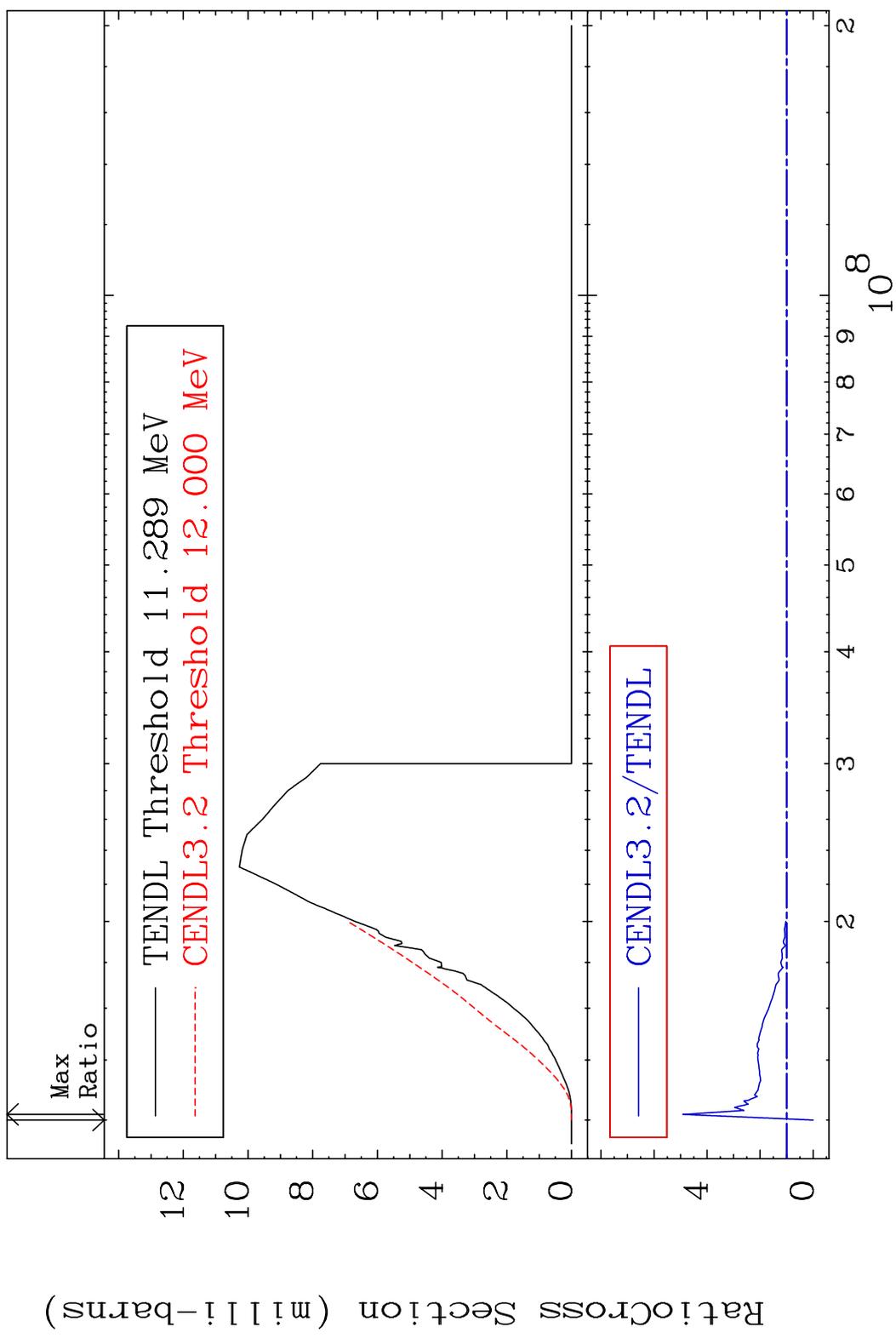


MAT 1325

(n, t)

13-Al-27

Cross Section -100.0 To 391.3 %

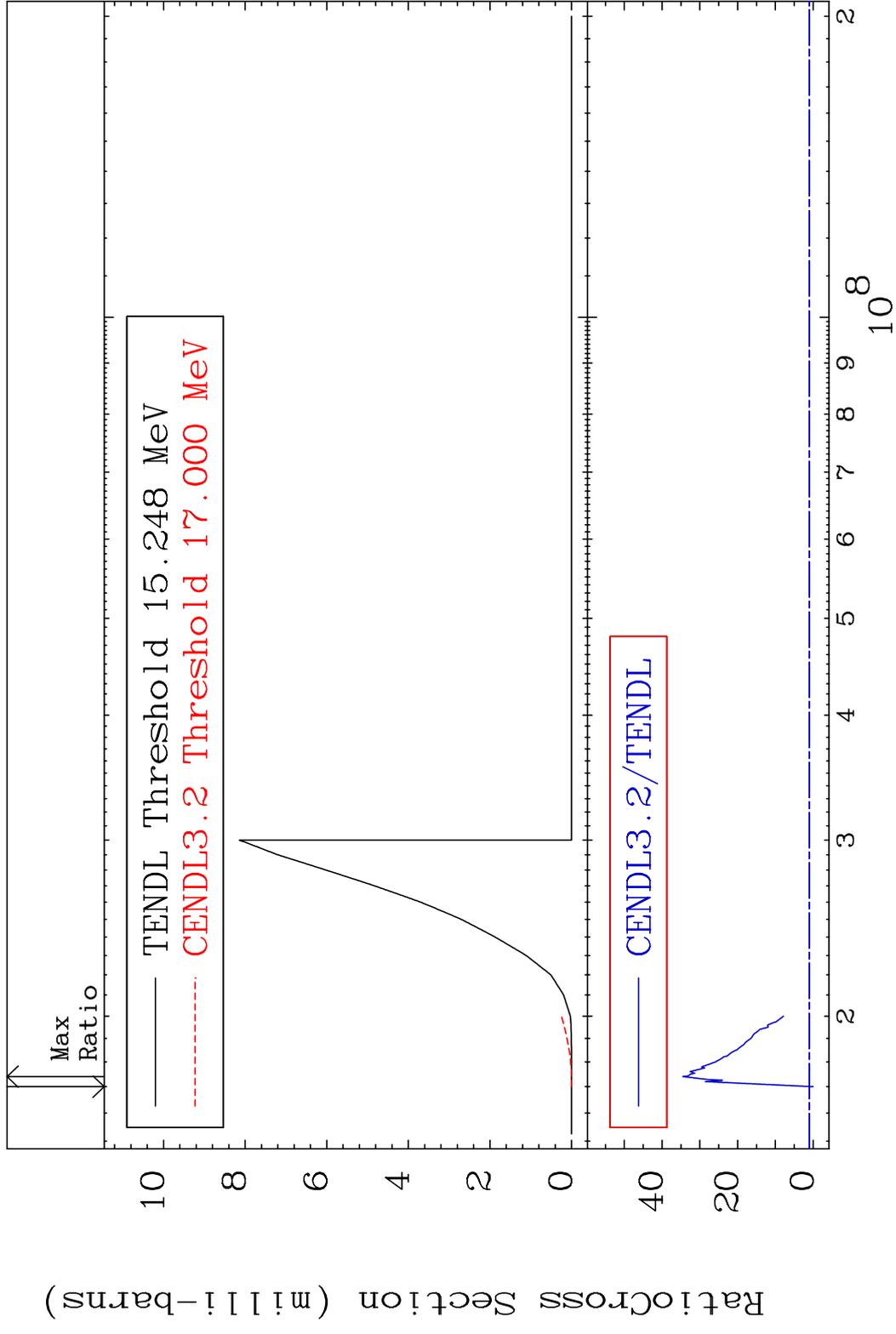


MAT 1325

(n, He-3)

13-Al-27

Cross Section -100.0 To 3351. %

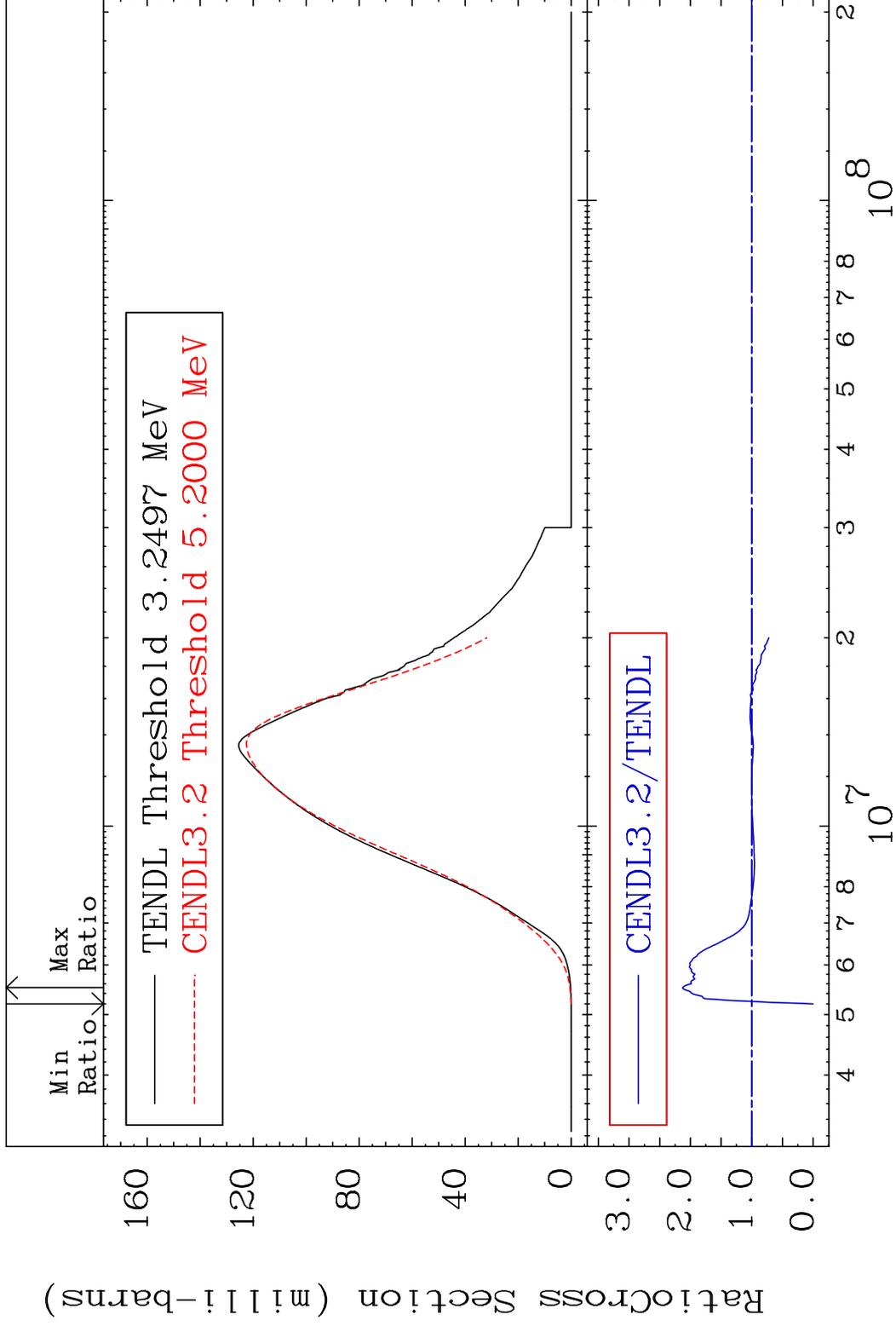


MAT 1325

(n,  $\alpha$ )

13-Al-27

Cross Section -100.0 To 112.7 %



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Incident Energy (eV)

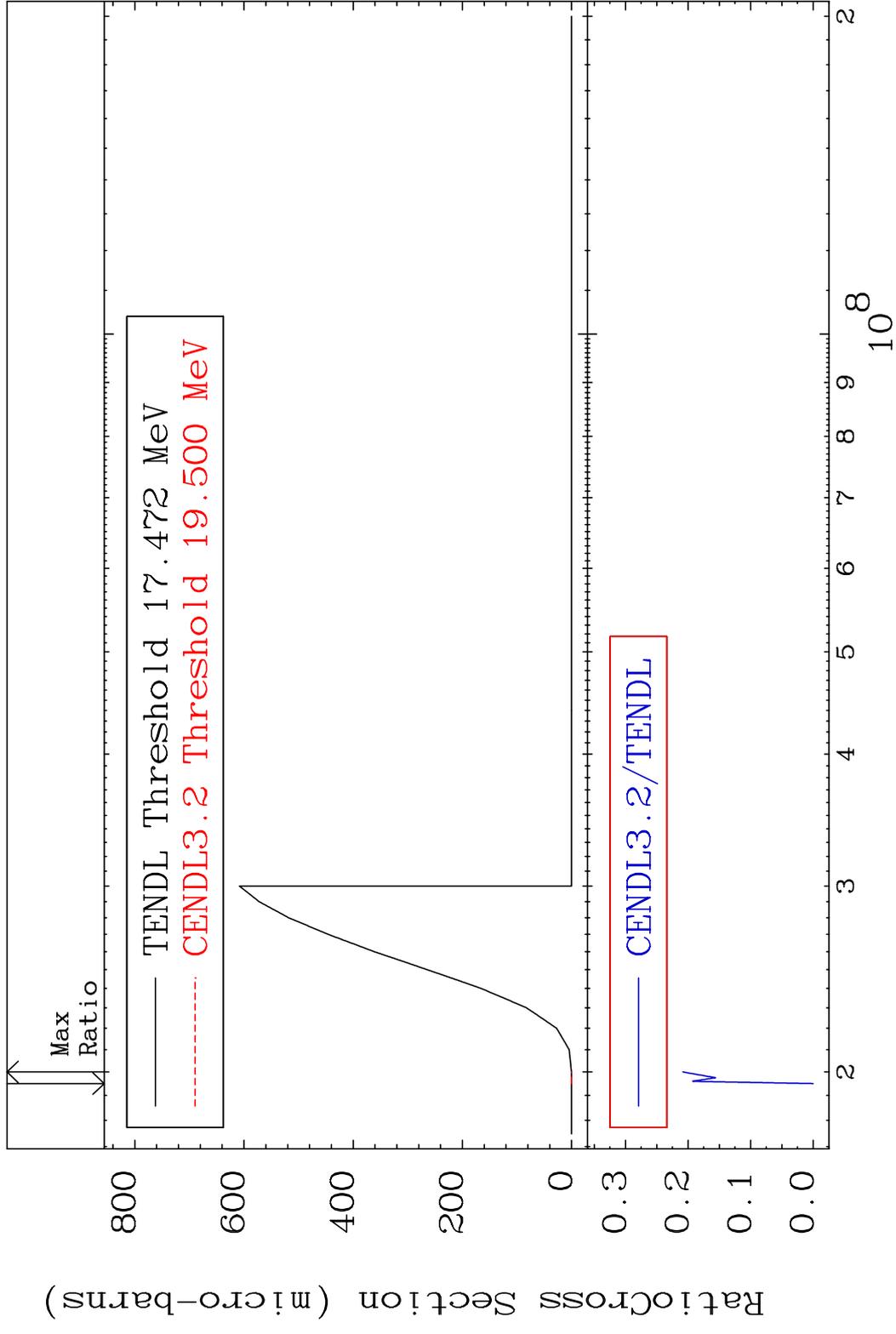
13-Al-27

MAT 1325

(n,2p)

13-Al-27

Cross Section -100.0 To -79.16%

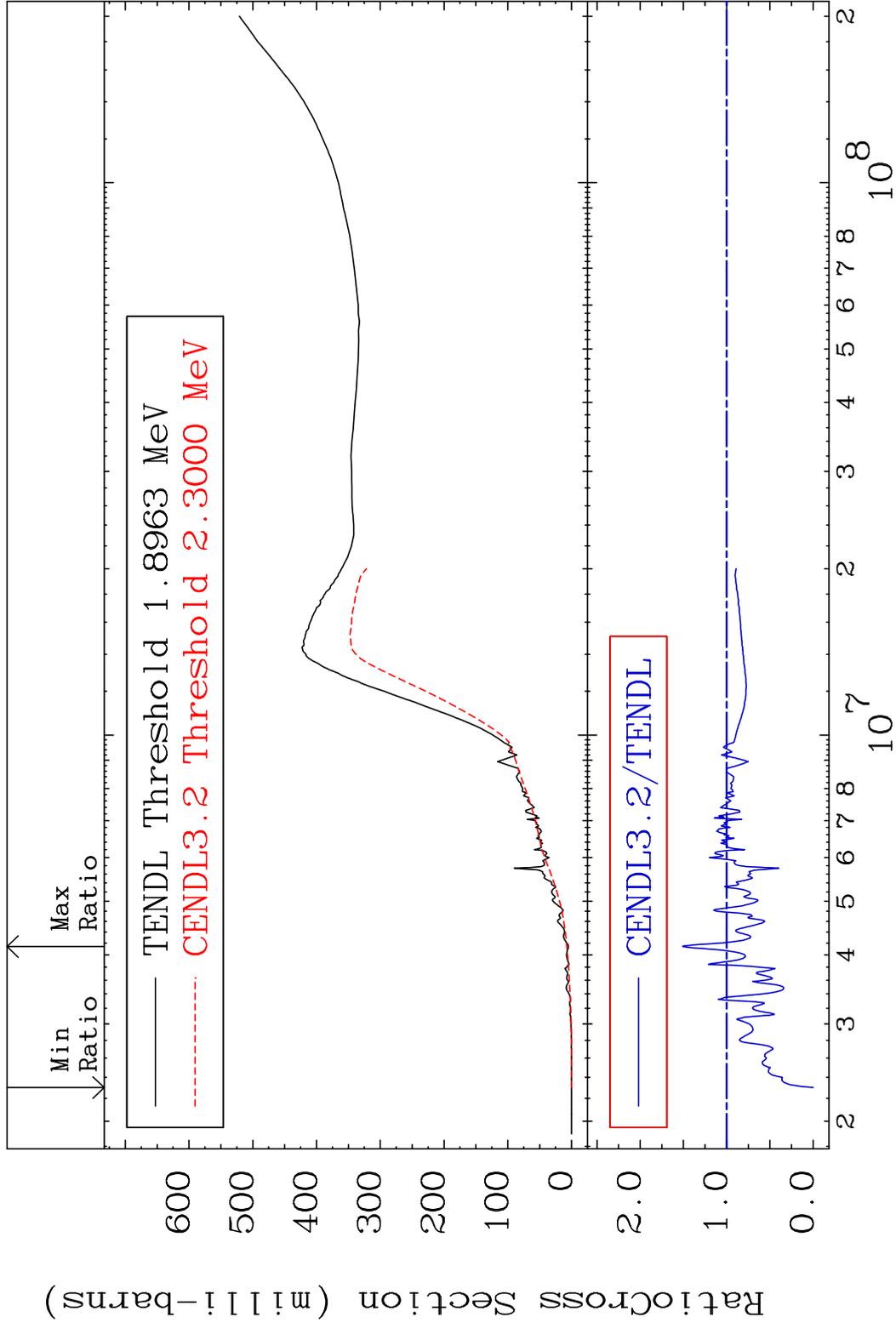


30

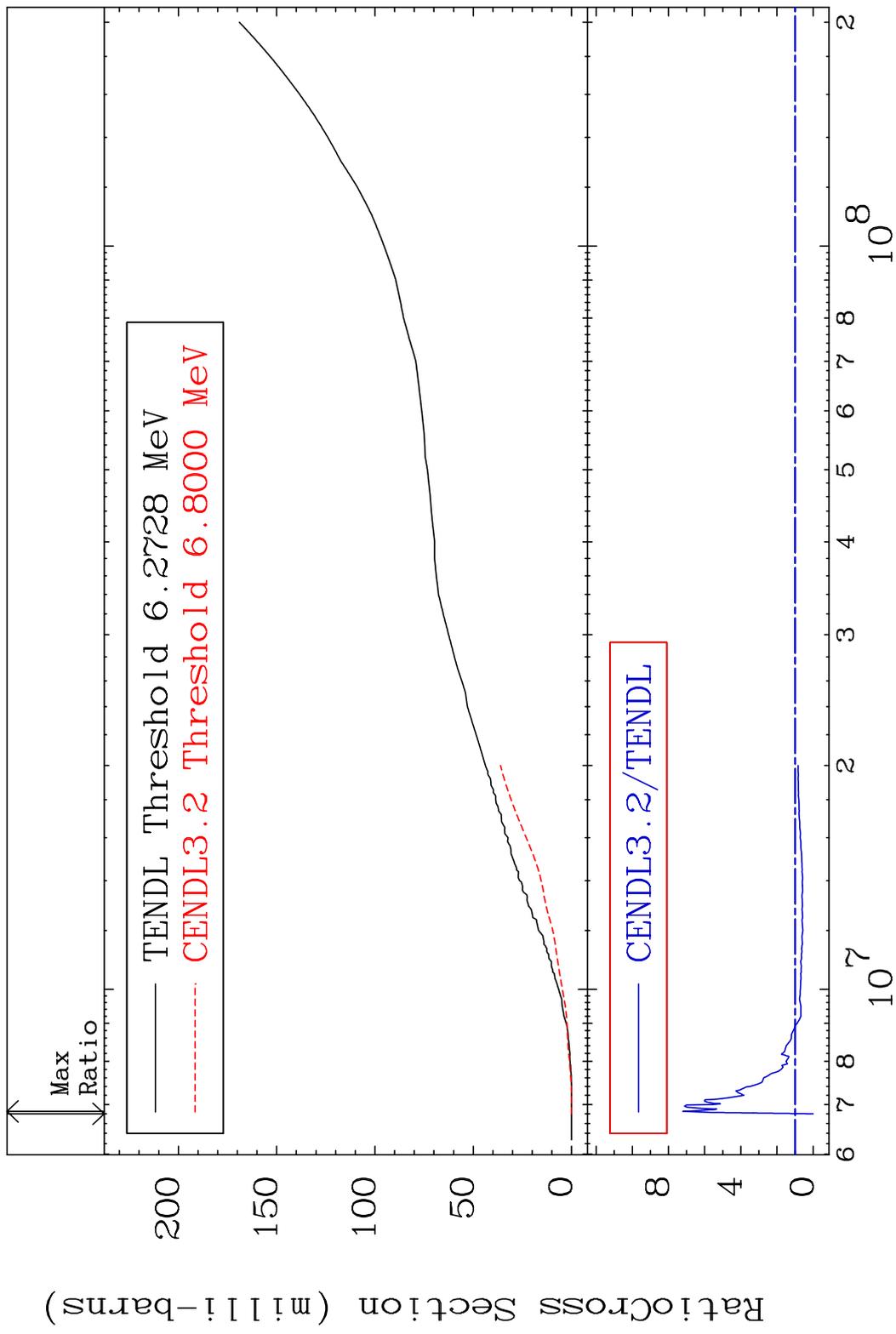
Incident Energy (eV)

13-Al-27

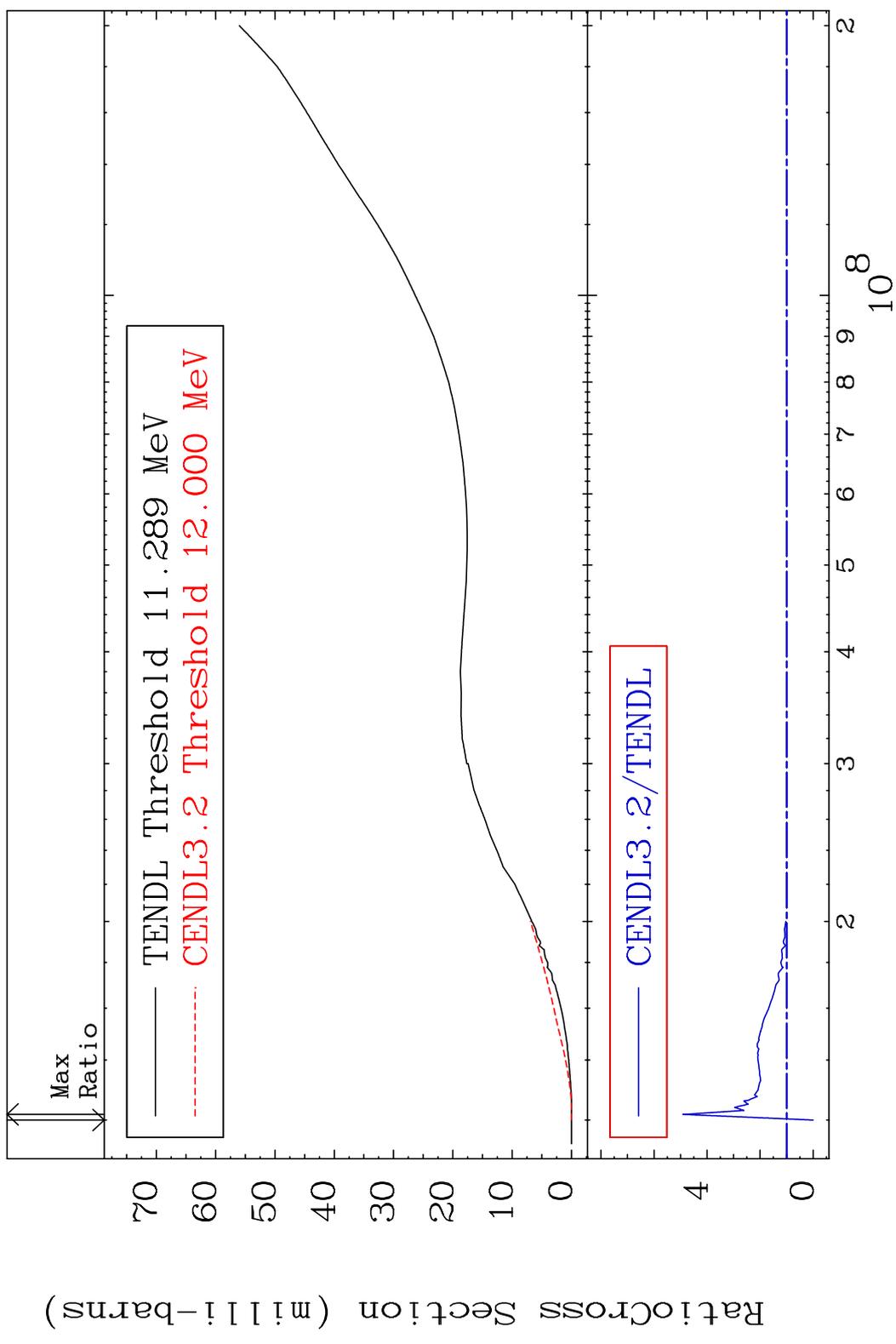
MAT 1325 Hydrogen Production 13-A1-27  
 Cross Section -100.0 To 50.70 %



MAT 1325 Deuterium Production 13-Al-27  
 Cross Section -100.0 To 620.7 %



Cross Section -100.0 To 391.3 %

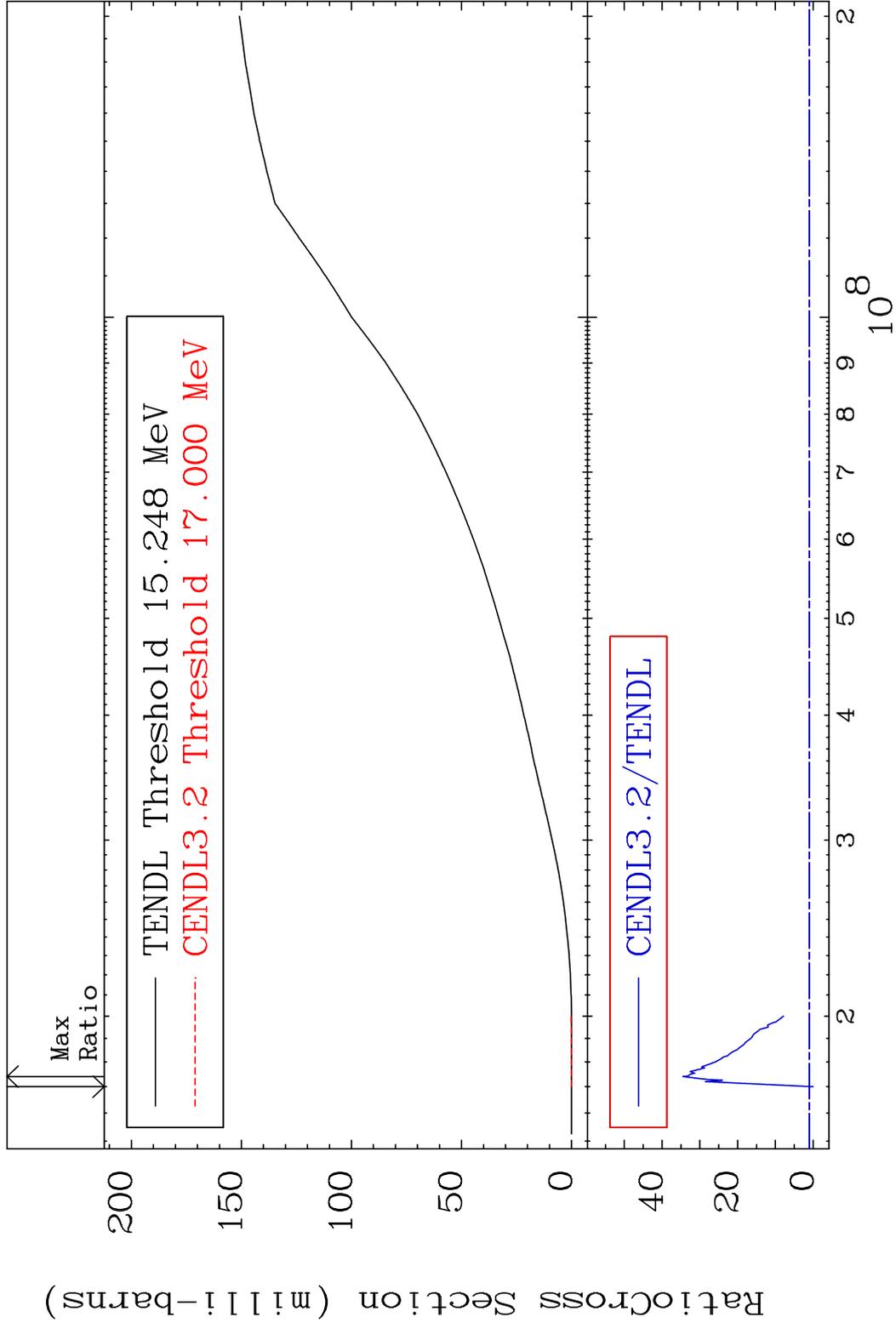


MAT 1325

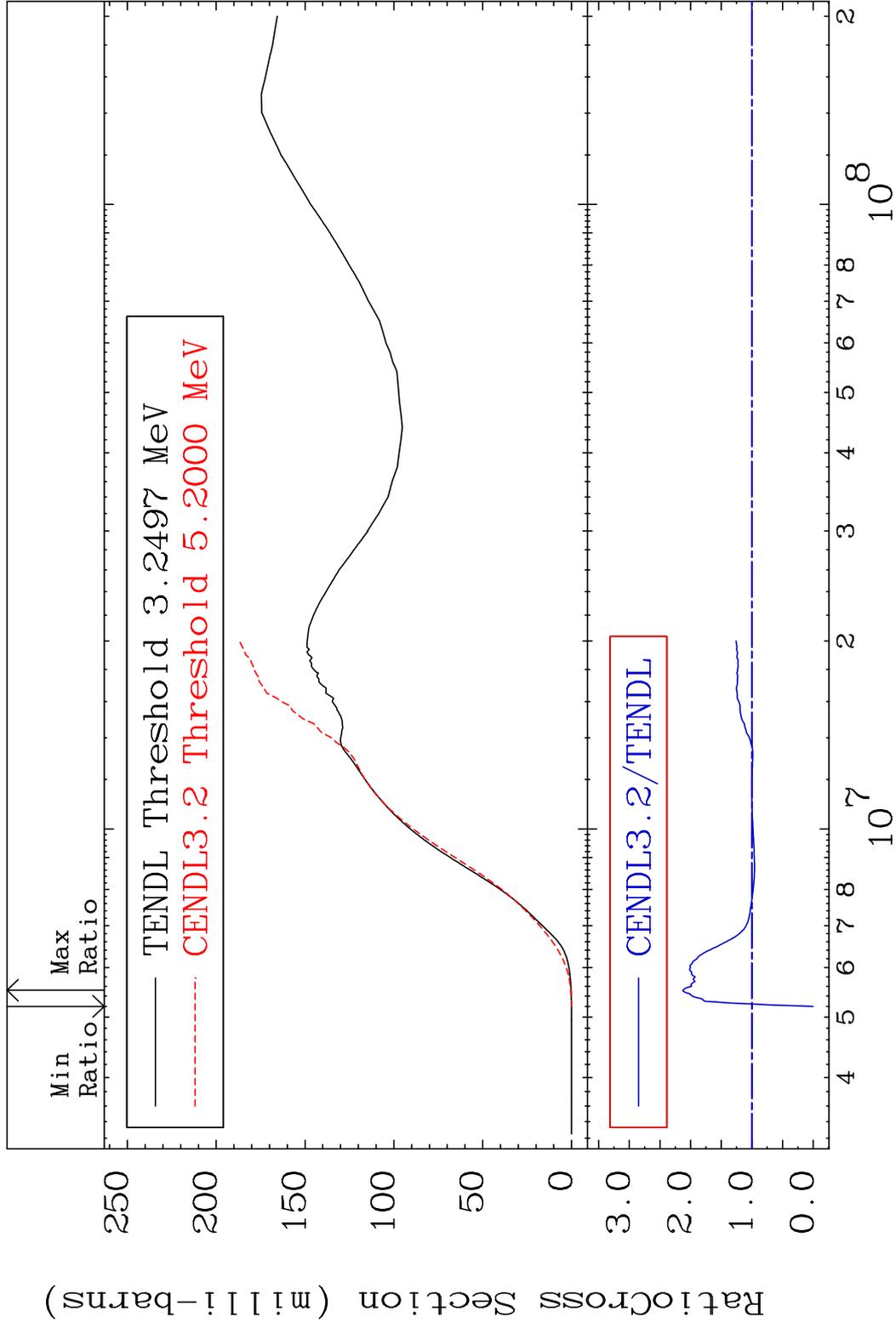
He-3 Production

13-A1-27

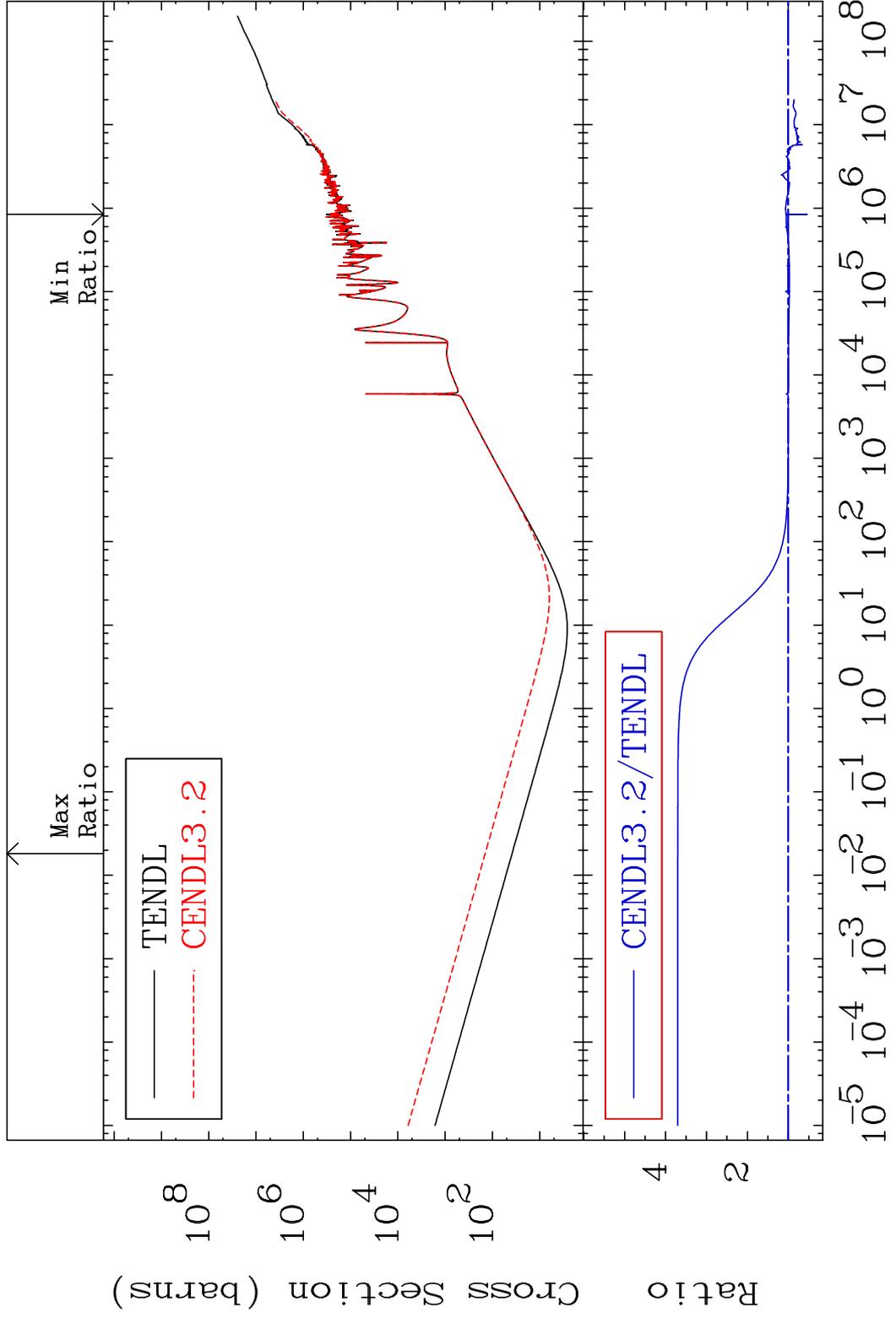
Cross Section -100.0 To 3351. %



Cross Section -100.0 To 112.7 %



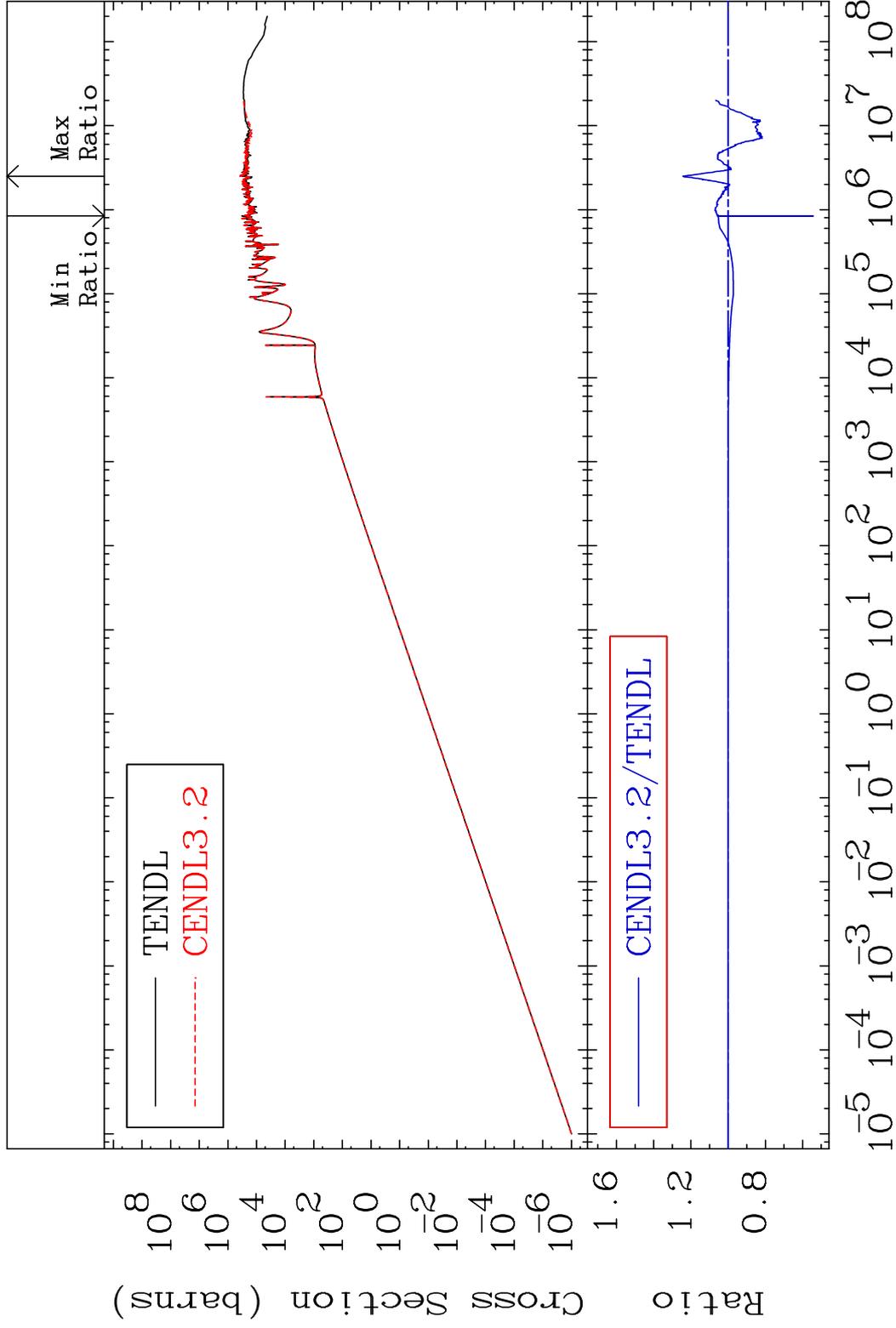
MAT 1325 Kerma total (eV-barns) 13-Al-27  
 Cross Section -45.65 To 270.3 %



MAT 1325

Kerma elastic  
Cross Section

13-A1-27  
-45.66 To 24.34 %

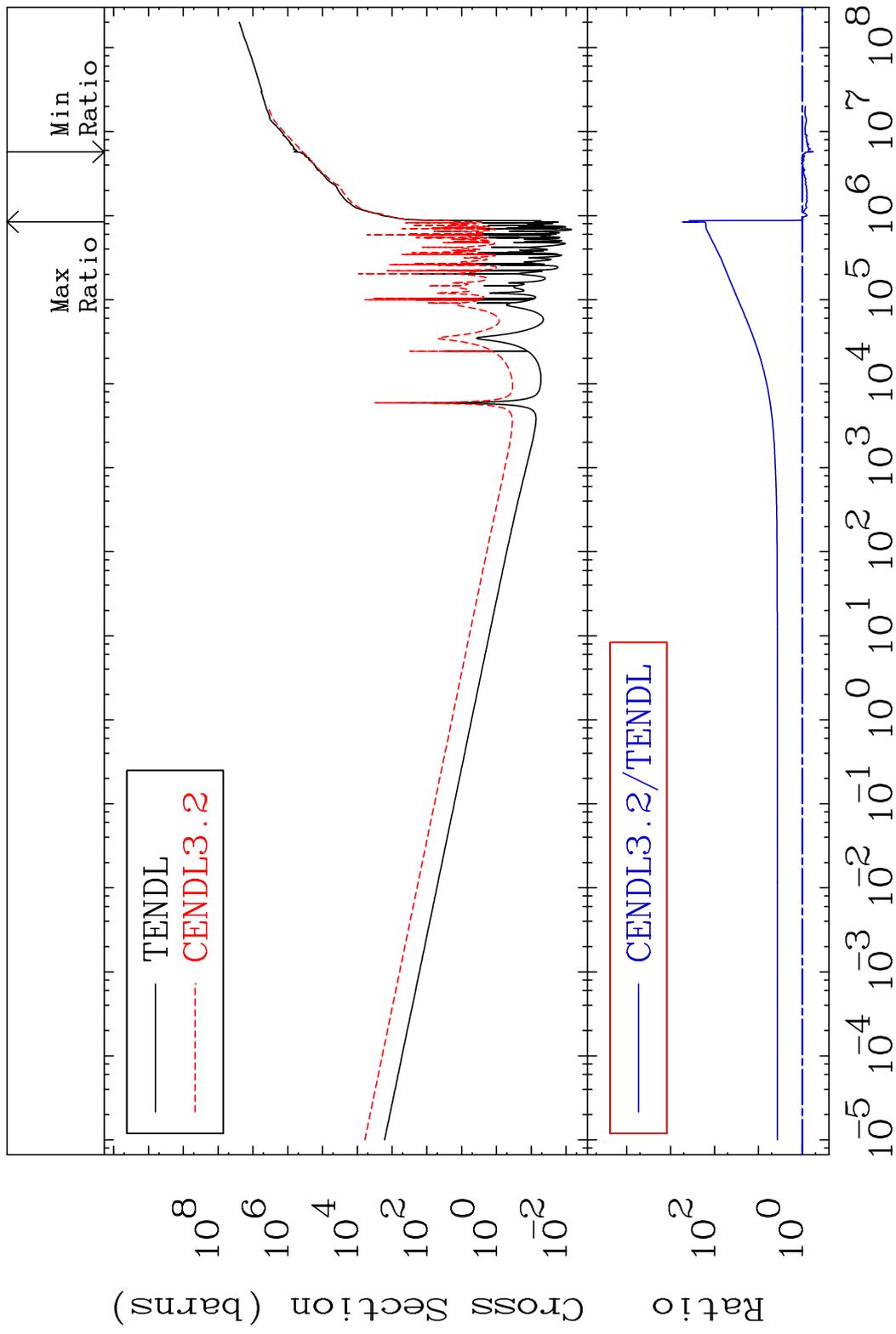


37

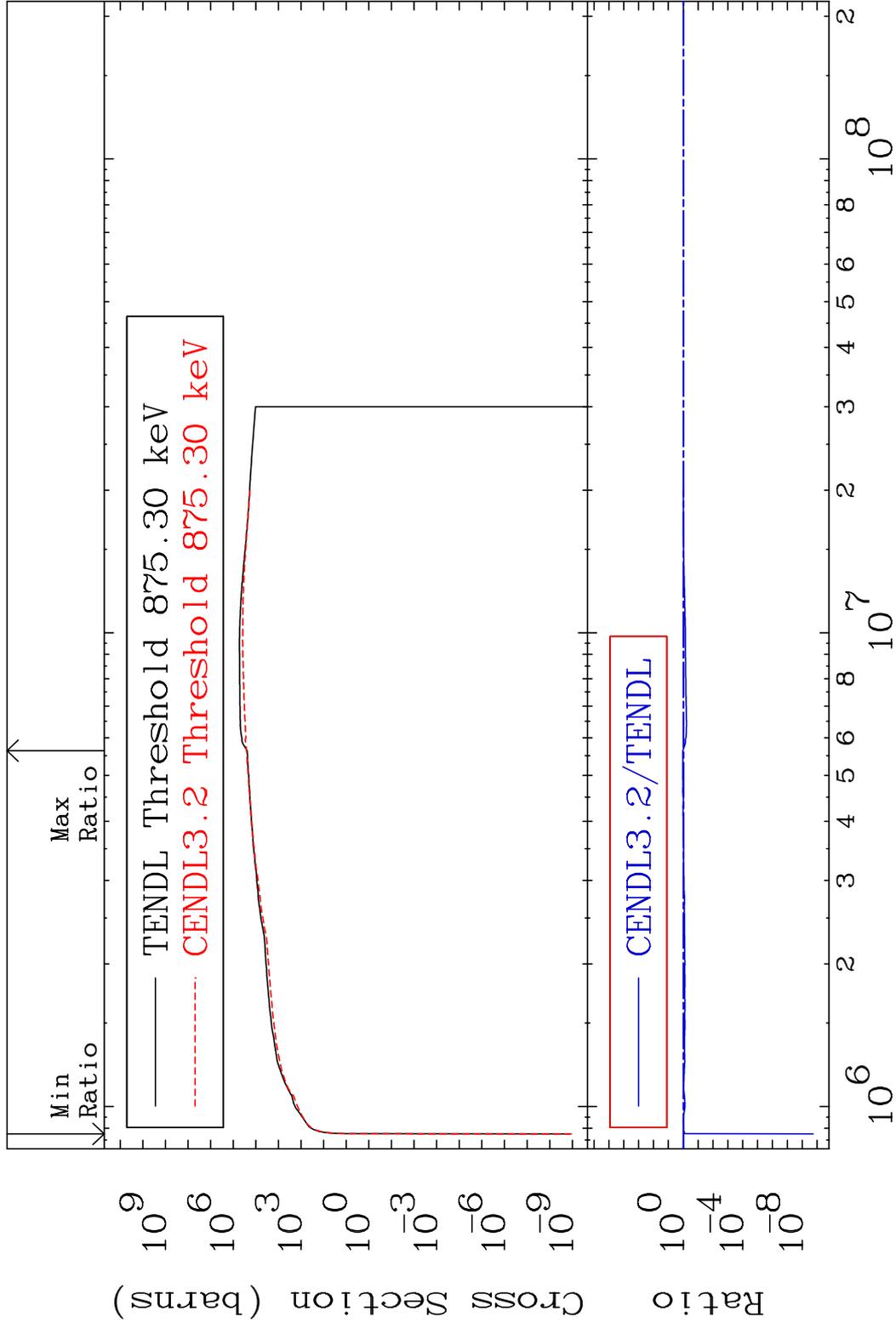
Incident Energy (eV)

13-A1-27

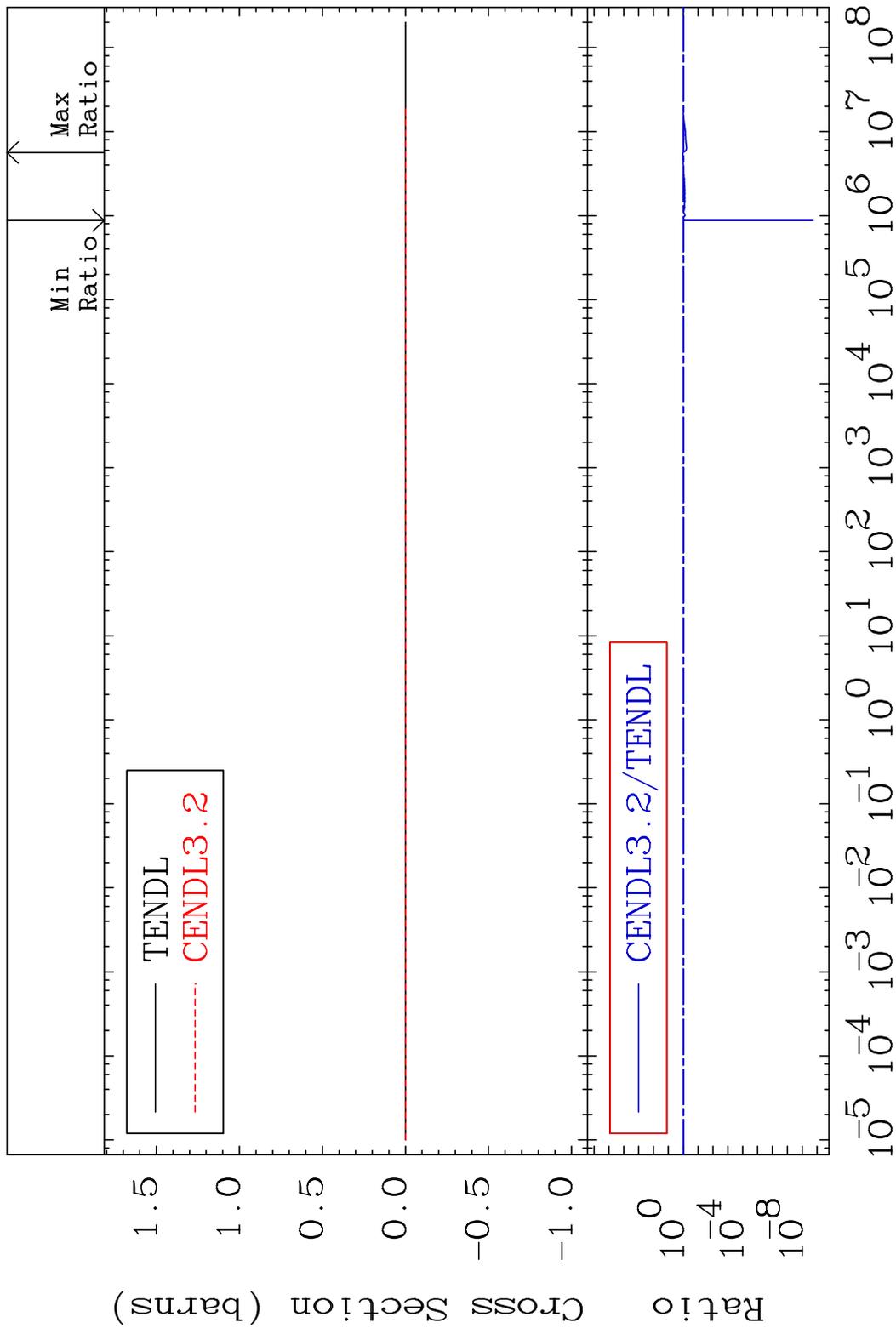
MAT 1325 Kerma non-elastic (all but mt2) 13-Al-27  
 Cross Section -43.68 To 9999. %



MAT 1325 Kerma inelastic (mt51-91) 13-Al-27  
 Cross Section -100.0 To 6.528 %



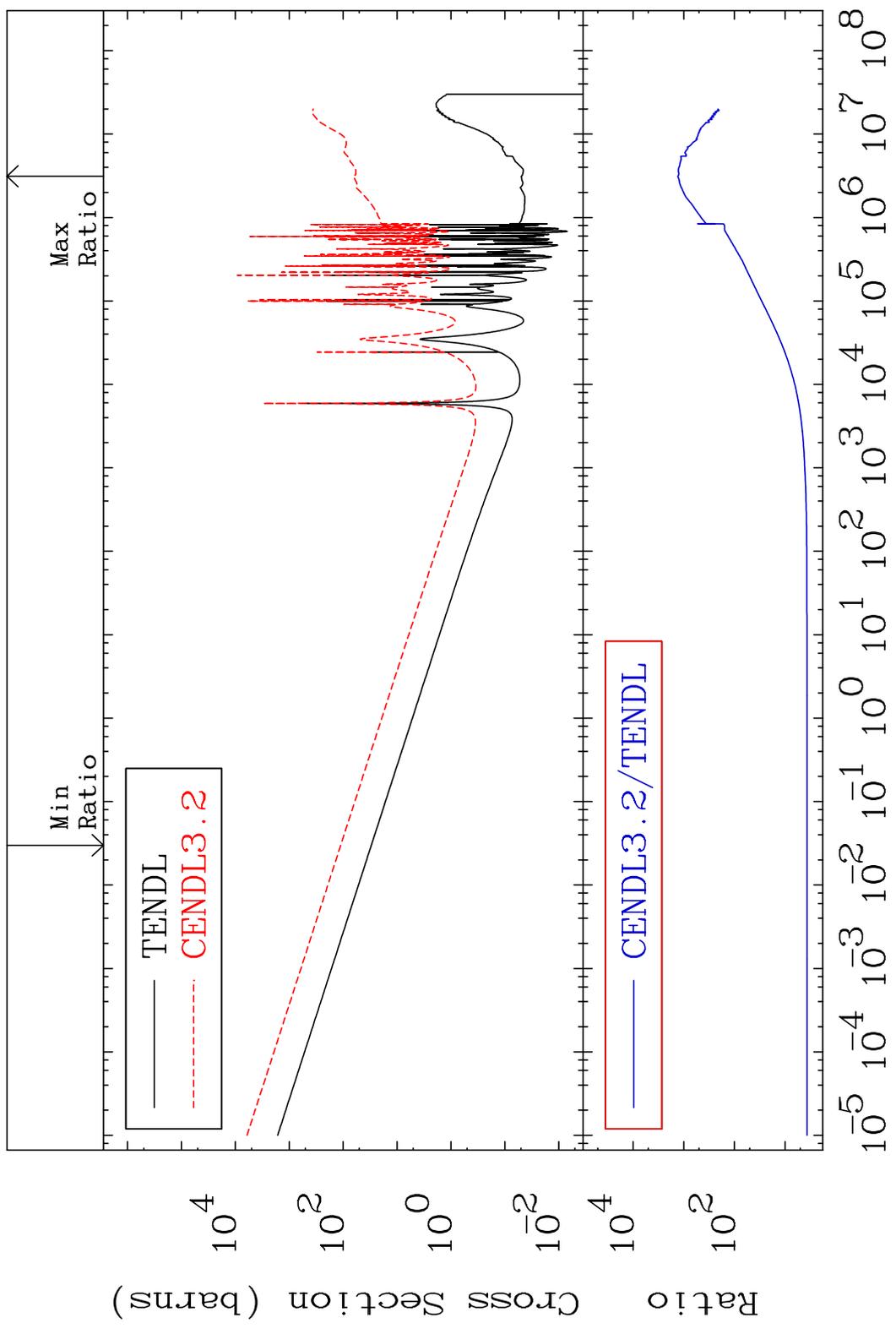
MAT 1325 Kerma fission (mt18 or mt19-20-21-38) 13-A1-27  
 Cross Section -100.0 To 6.528 %



40 Incident Energy (eV) 13-A1-27

MAT 1325

Kerma capture (mt102) 13-A1-27  
Cross Section 269.7 To 9999. %



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Incident Energy (eV)

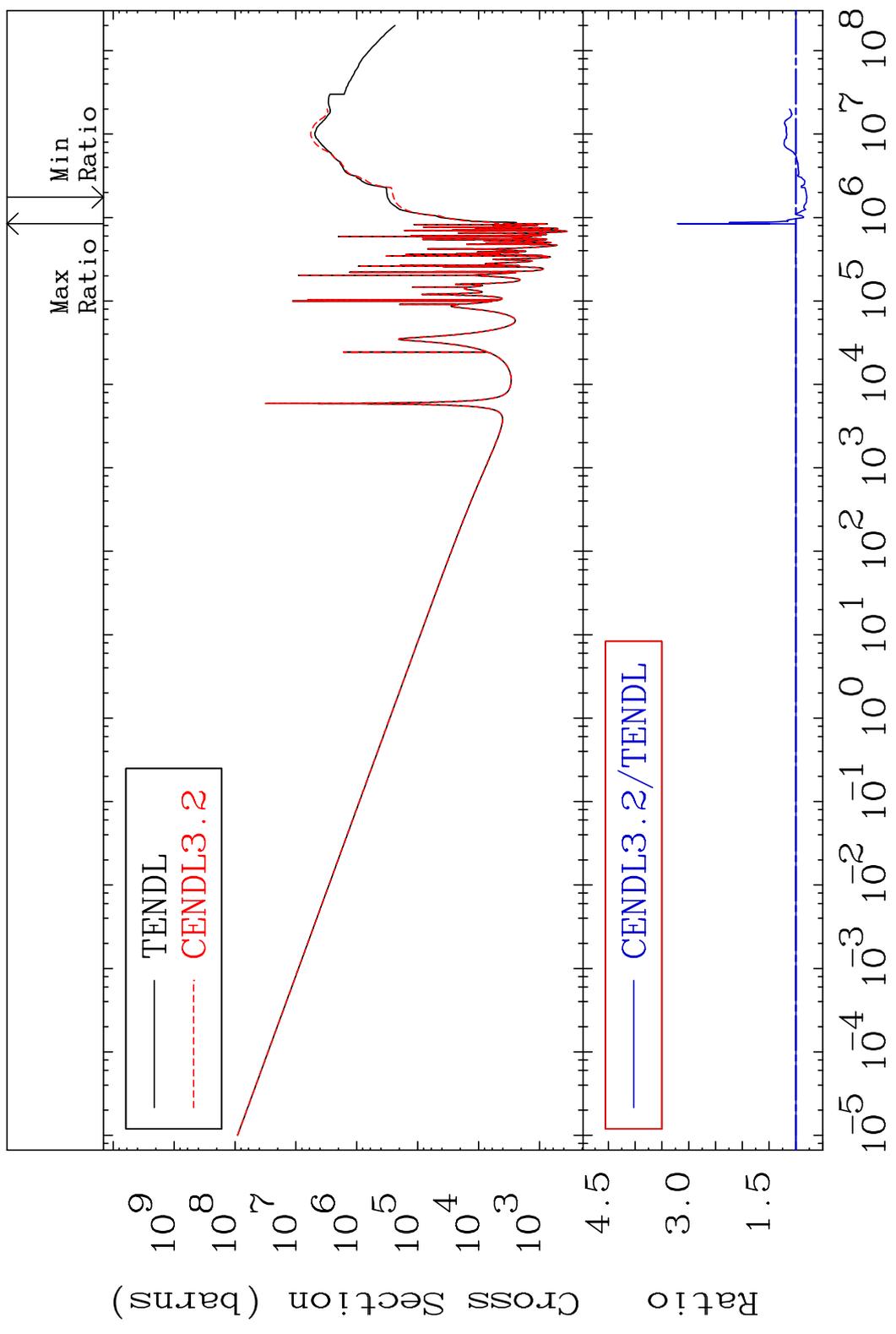
13-A1-27

MAT 1325

Total photon (eV-barns)

13-A1-27

Cross Section -20.73 To 220.7 %

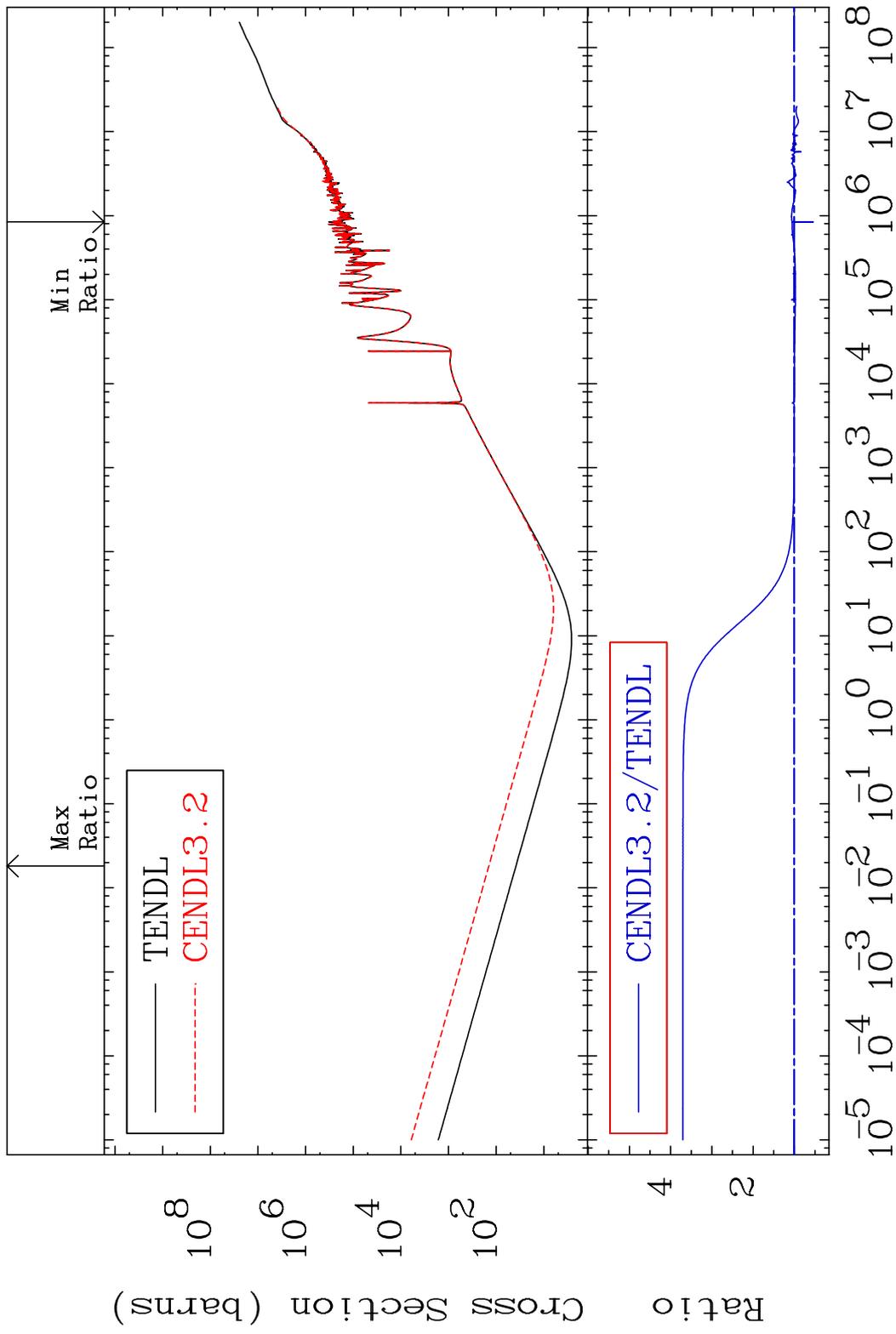


42

Incident Energy (eV)

13-A1-27

MAT 1325 Total kinematic kerma (high limit) 13-A1-27  
 Cross Section -45.65 To 270.3 %

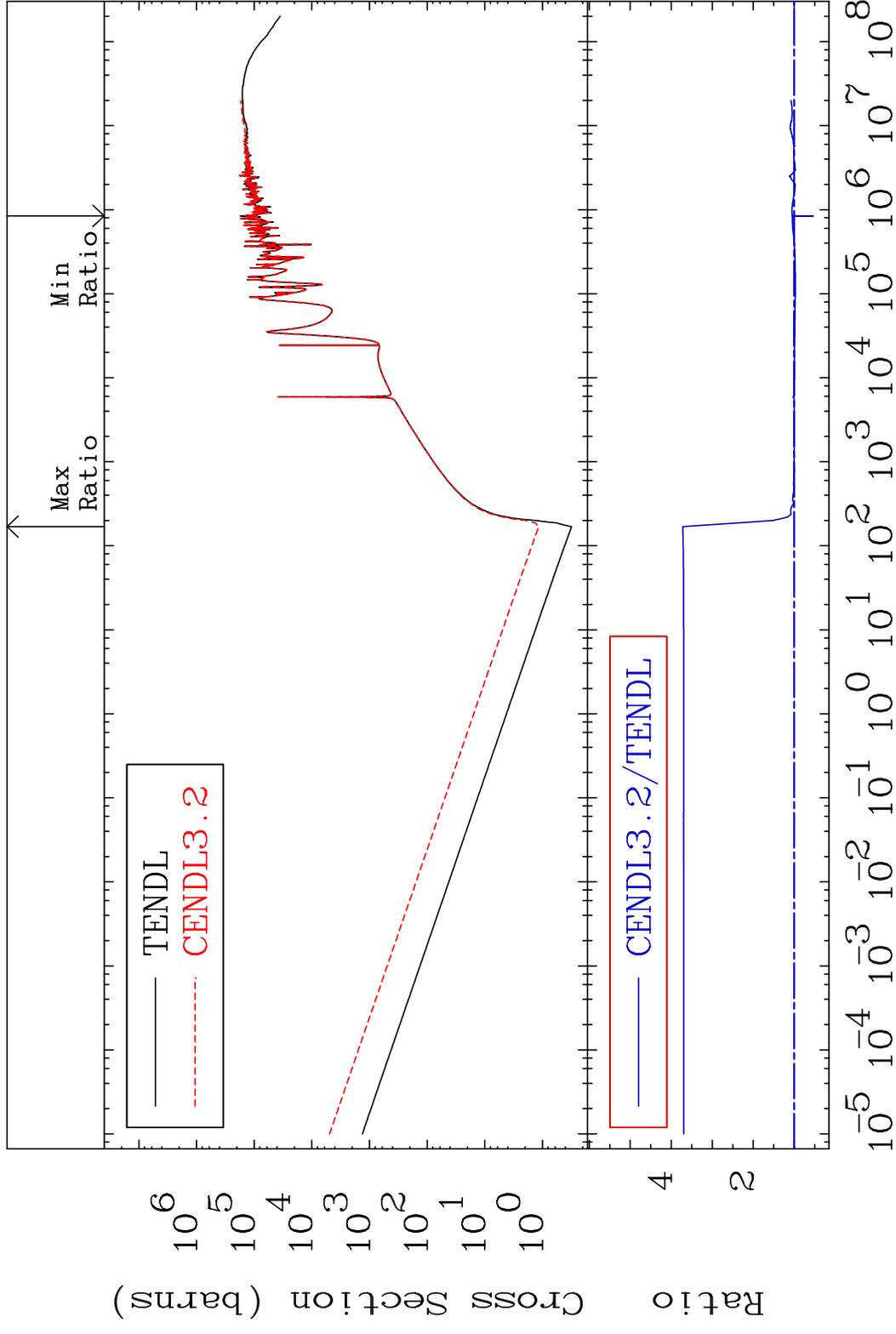


MAT 1325

Dpa total (eV-barns)

13-Al-27

Cross Section -46.04 To 271.7 %



44

Incident Energy (eV)

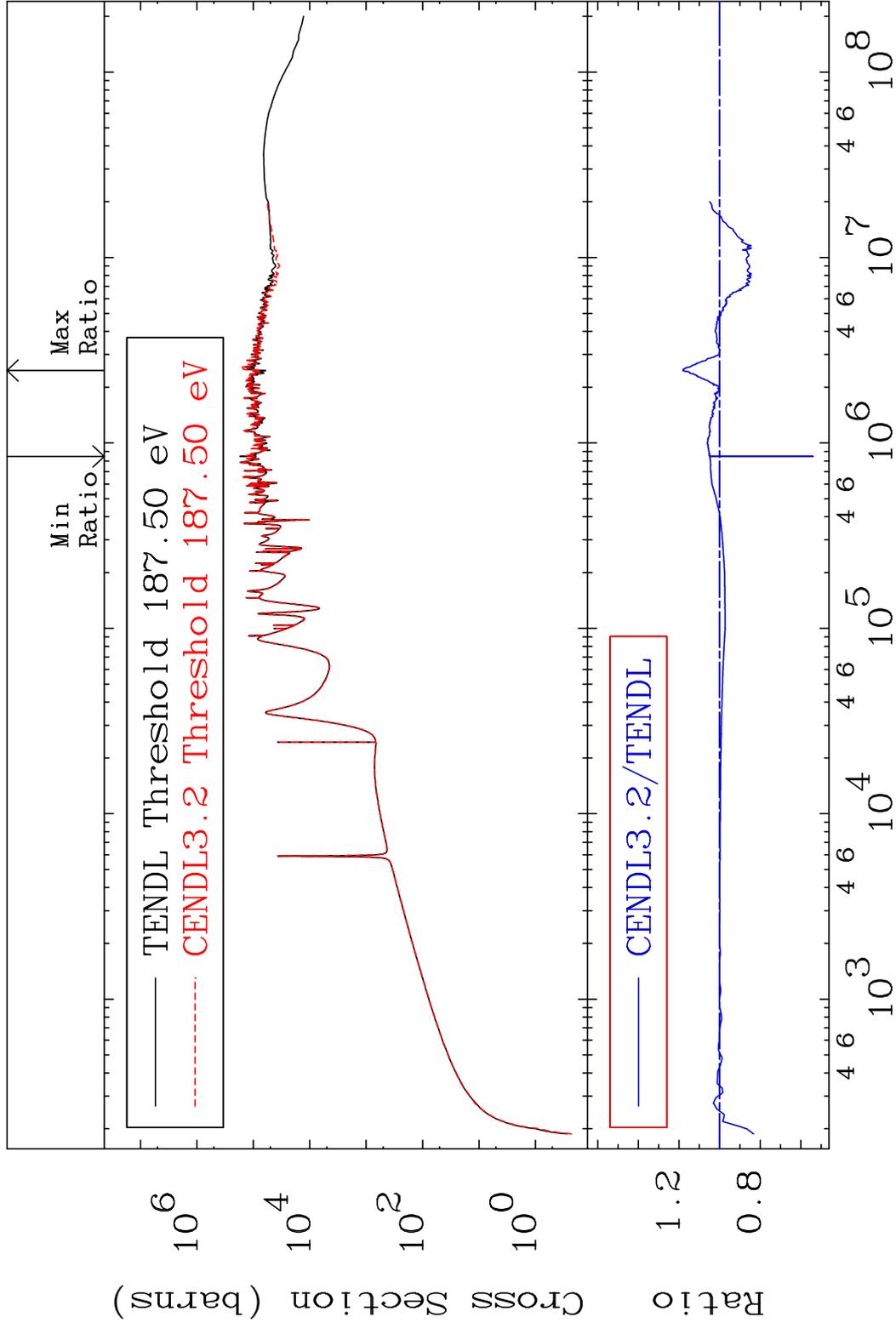
13-Al-27

MAT 1325

Dpa elastic (mt2)

13-A1-27

Cross Section -46.04 To 18.13 %



45

Incident Energy (eV)

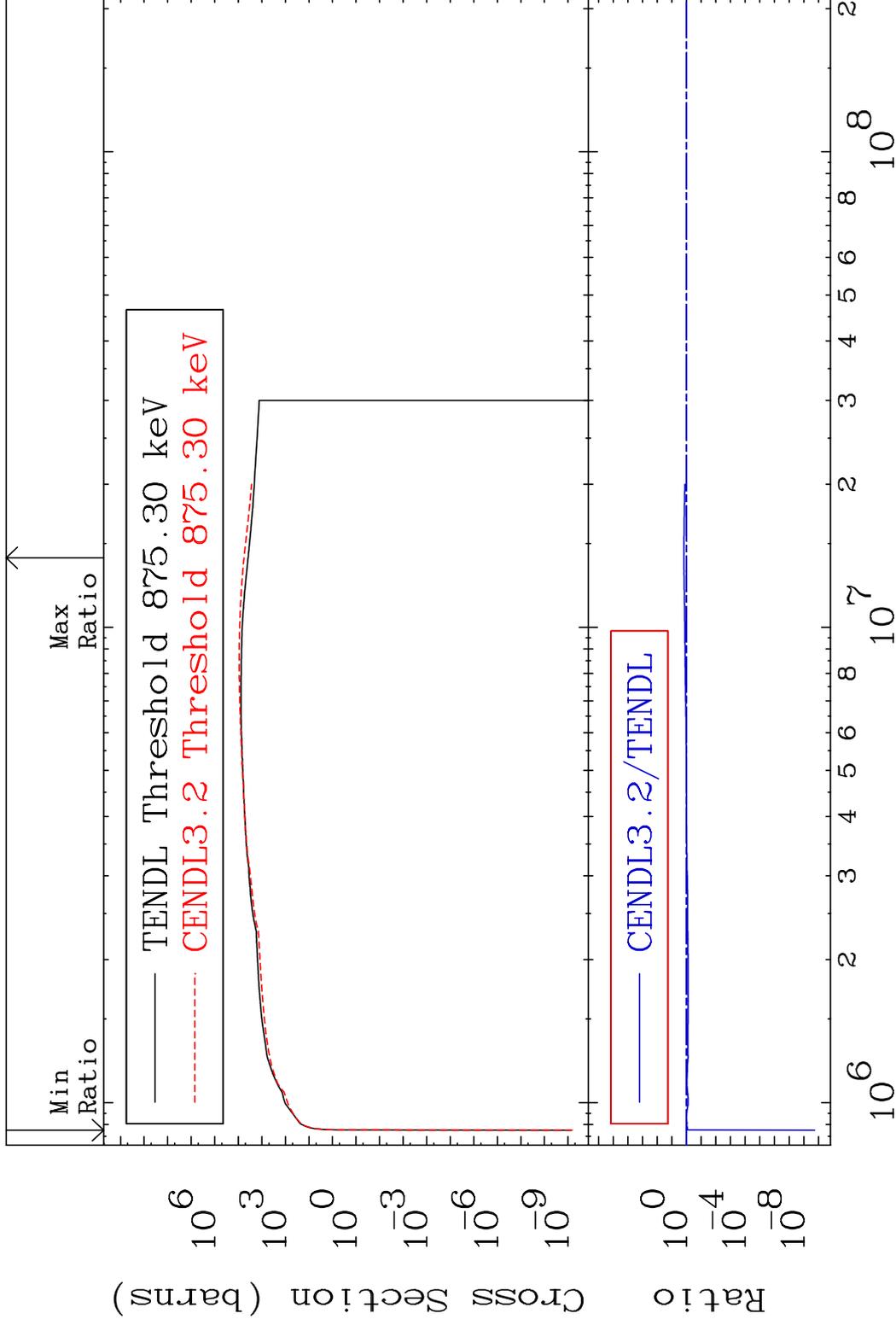
13-A1-27

MAT 1325

Dpa inelastic (mt51-91)

13-Al-27

Cross Section -100.0 To 49.37 %

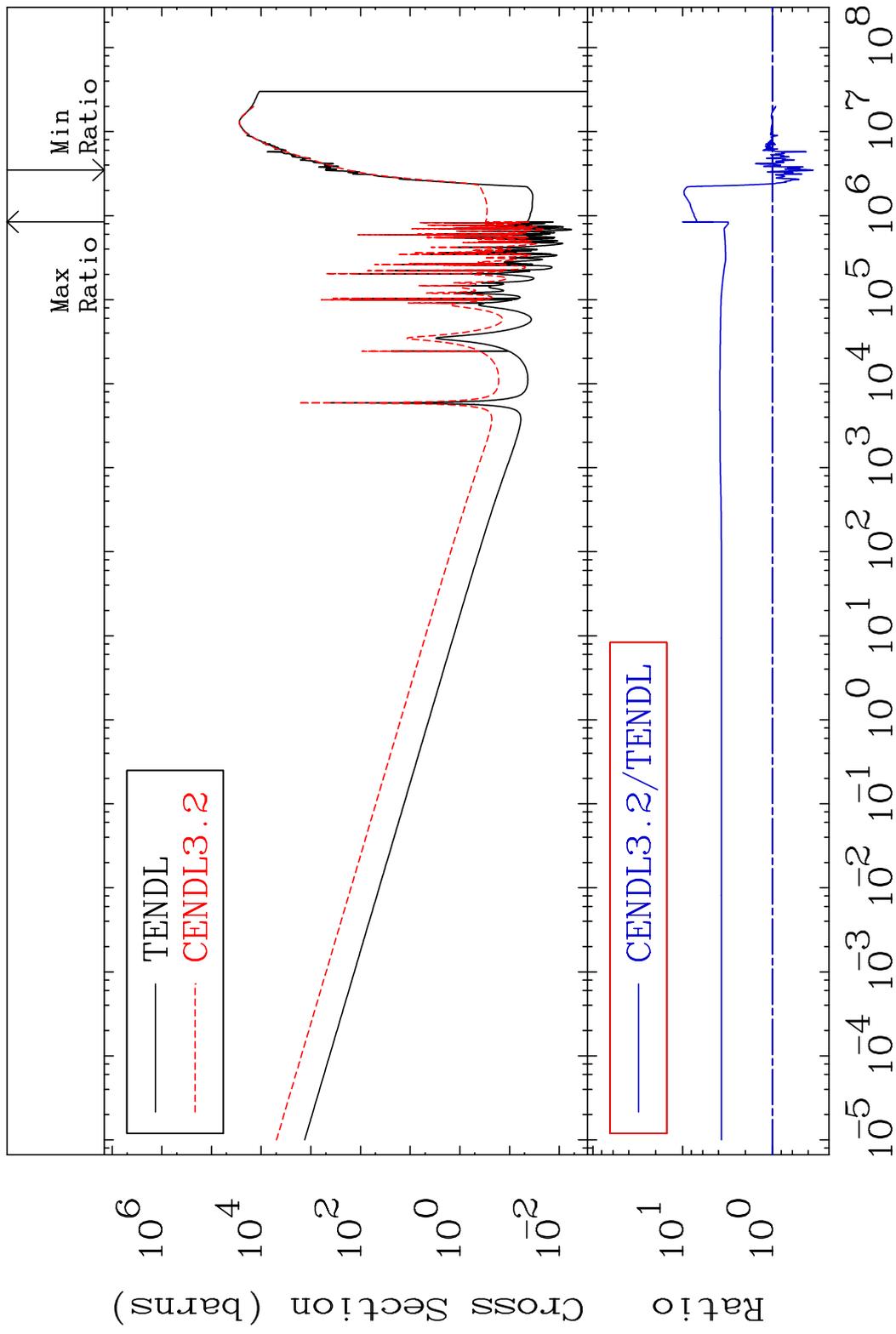


46

Incident Energy (eV)

13-Al-27

MAT 1325 Dpa disappearance (mt102 -120) 13-Al-27  
 Cross Section -64.83 To 897.3 %

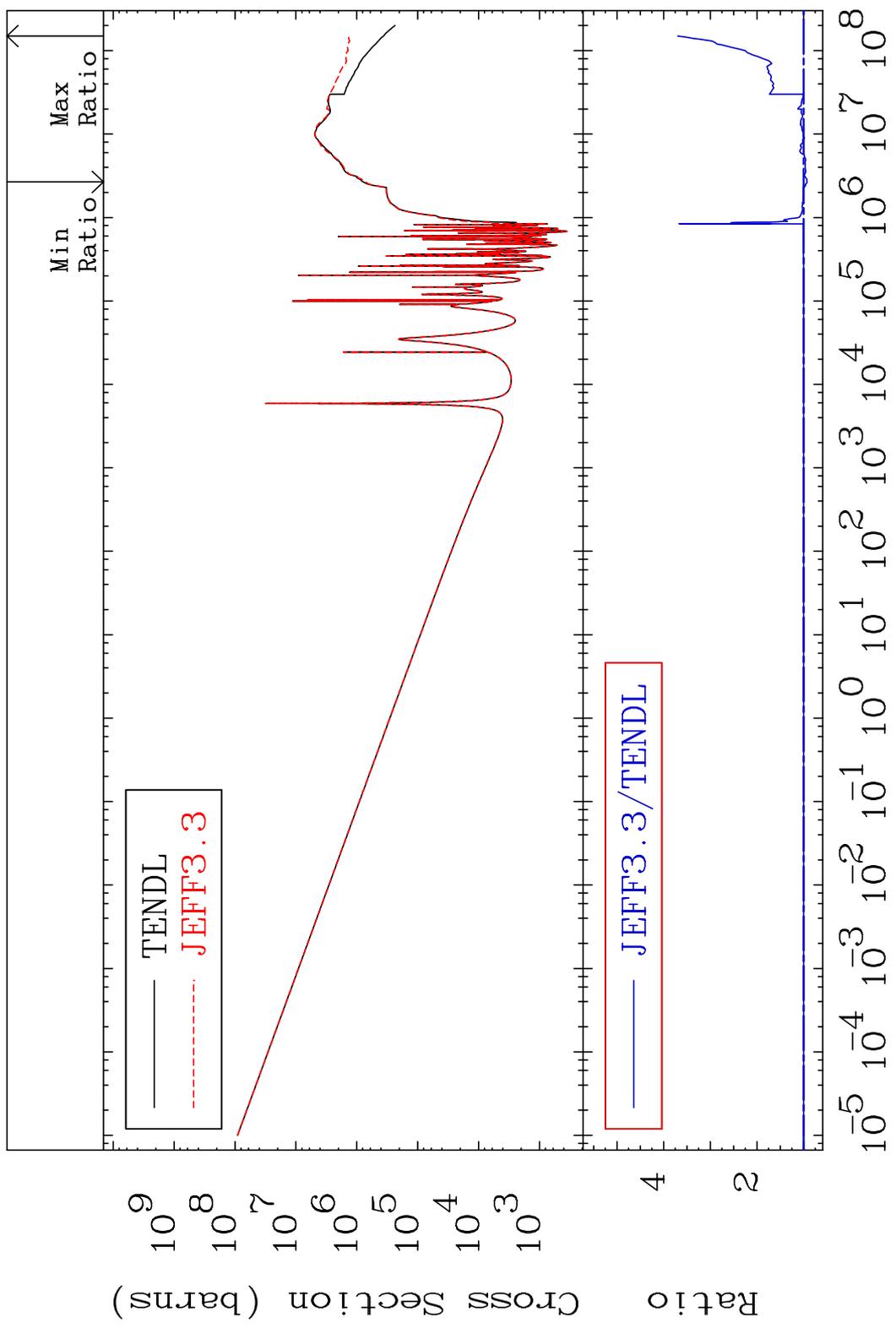


MAT 1325

Total photon (eV-barns)

13-A1-27

Cross Section -7.272 To 269.8 %

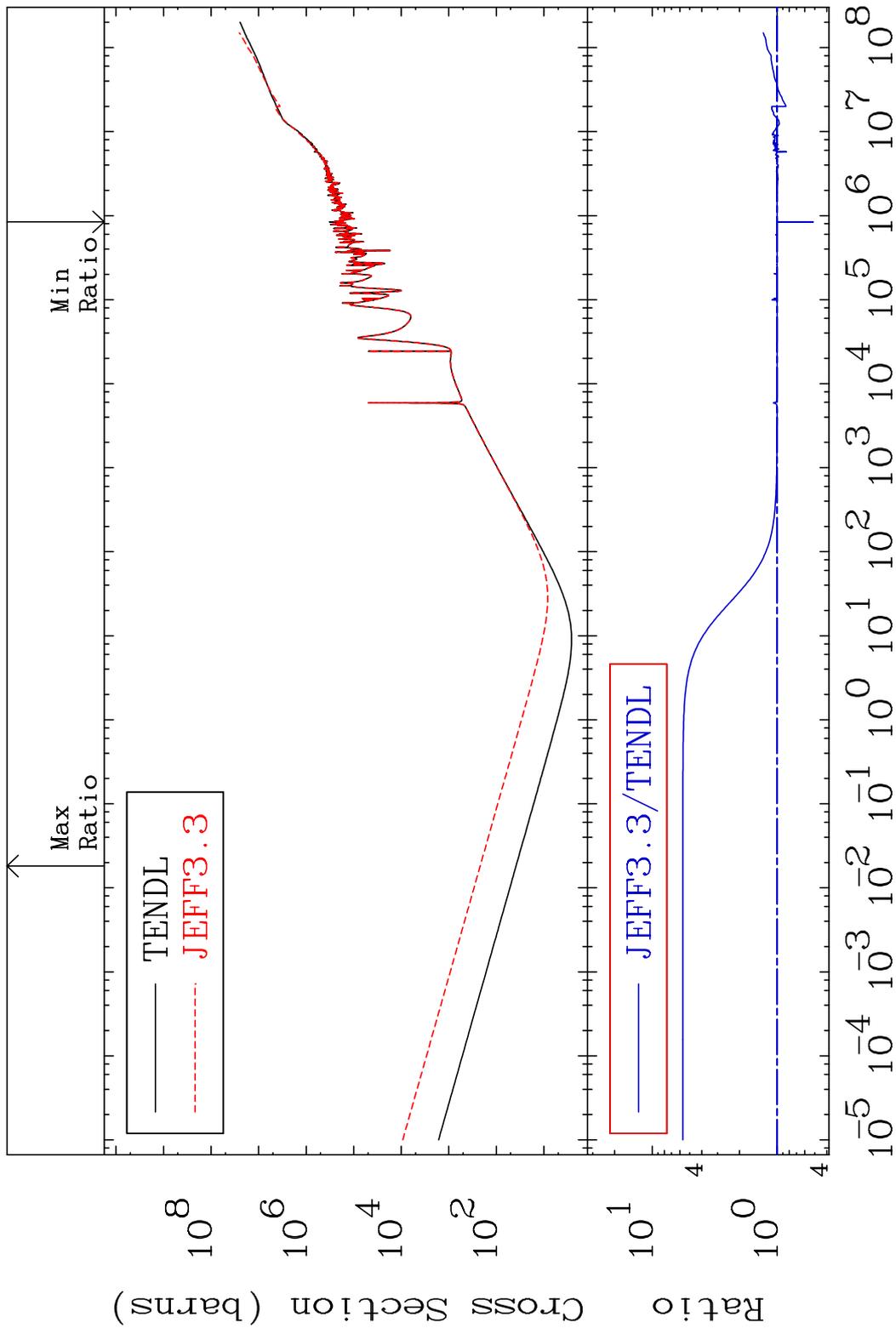


48

Incident Energy (eV)

13-A1-27

MAT 1325 Total kinematic kerma (high limit) 13-Al-27  
 Cross Section -48.55 To 468.5 %

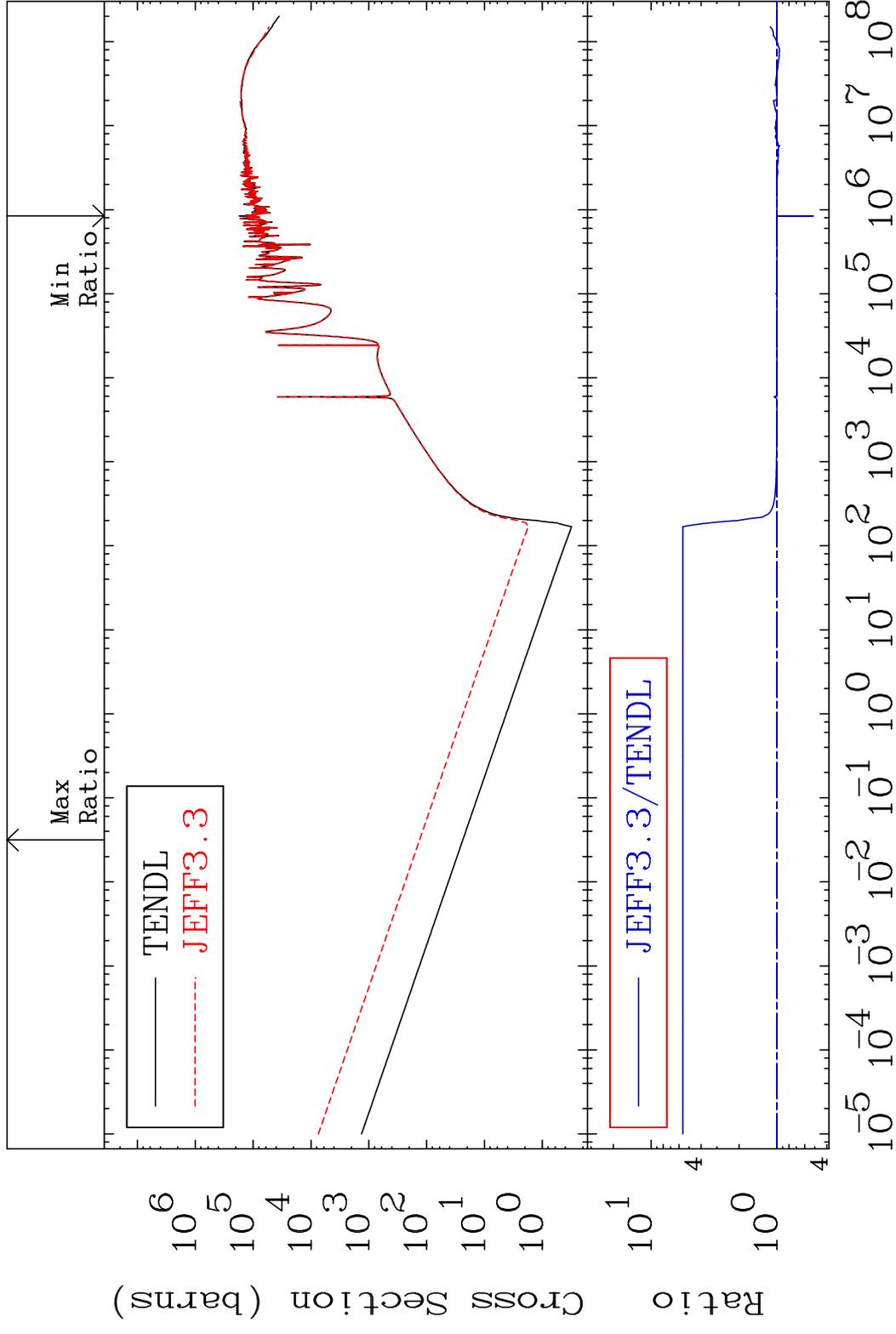


MAT 1325

Dpa total (eV-barns)

13-A1-27

Cross Section -48.55 To 459.4 %



50

Incident Energy (eV)

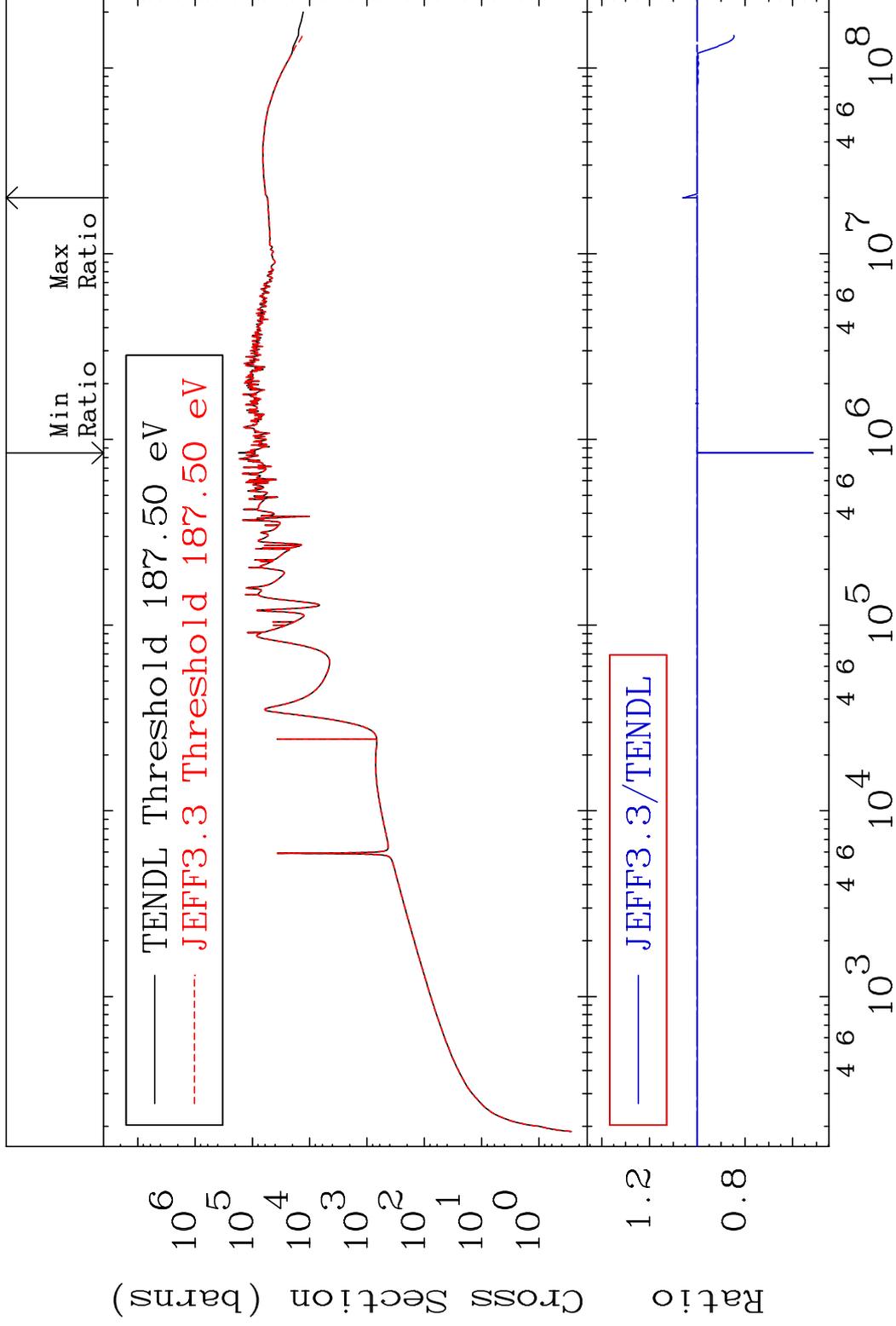
13-A1-27

MAT 1325

Dpa elastic (mt2)

13-A1-27

Cross Section -48.55 To 6.111 %

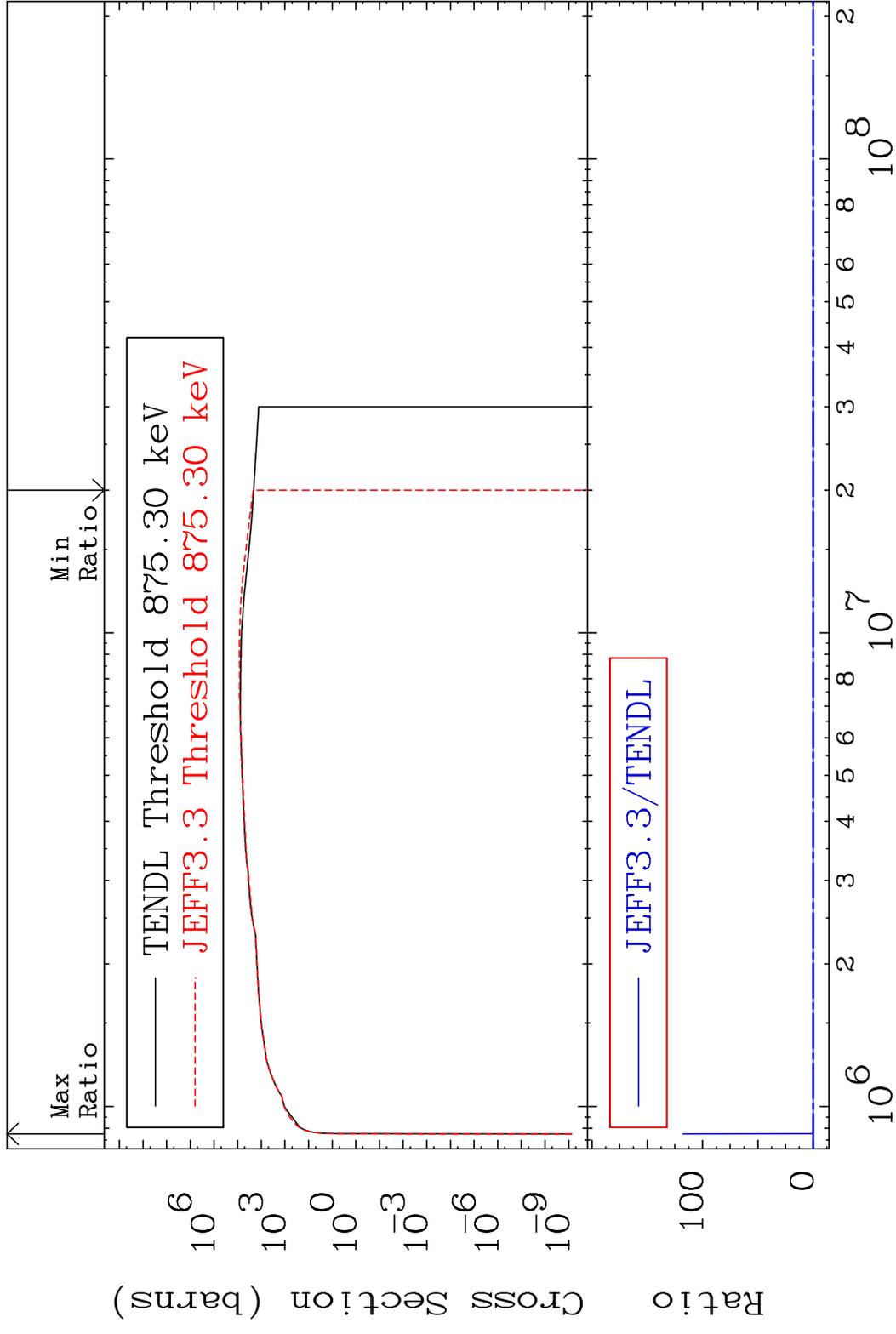


51

Incident Energy (eV)

13-A1-27

MAT 1325 Dpa inelastic (mt51-91) 13-Al-27  
 Cross Section -100.0 To 9999. %



MAT 1325 Dpa disappearance (mt102 -120) 13-Al-27  
 Cross Section -100.0 To 1681. %

