

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

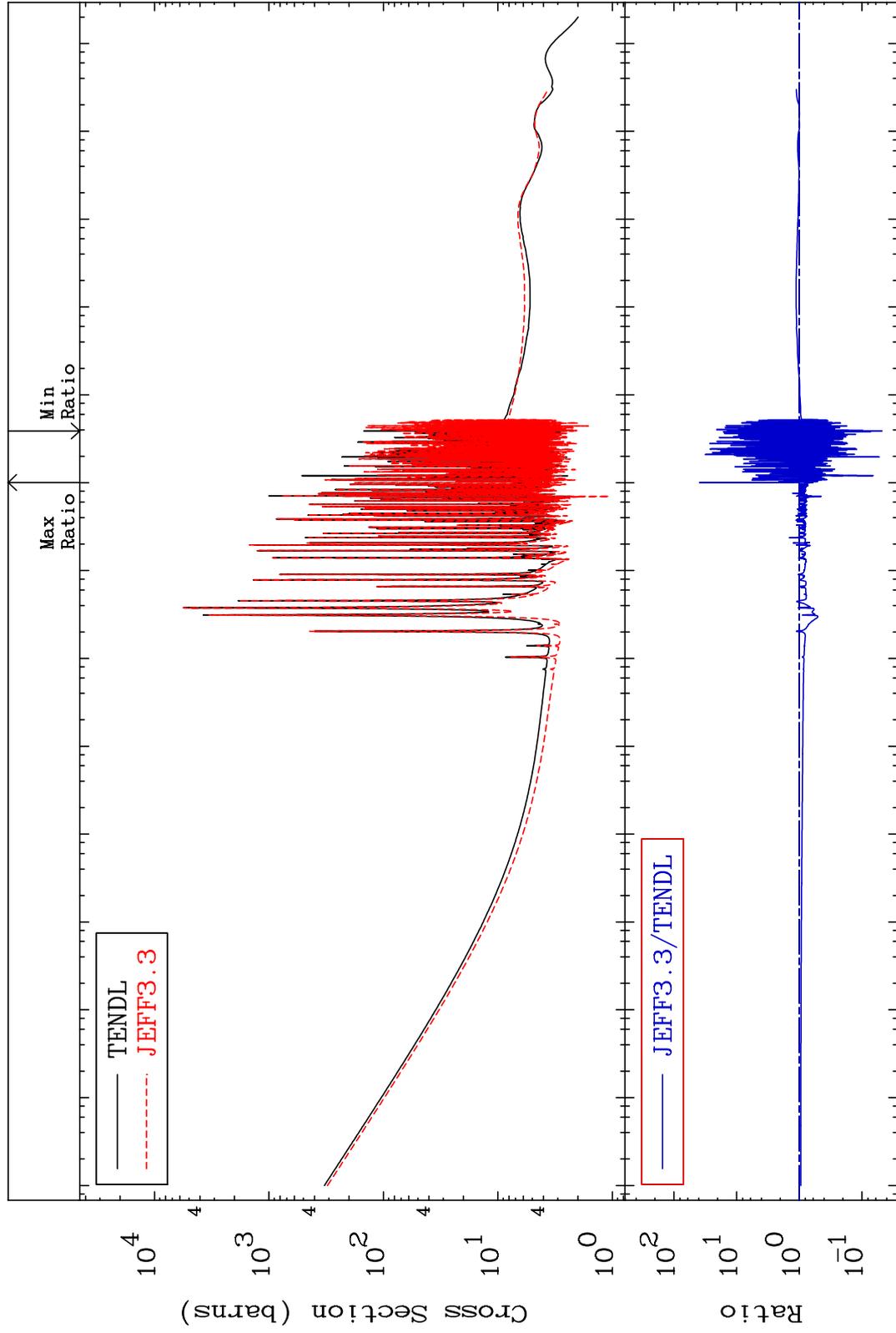
MAT 5325

Total

53-I -127

Cross Section

-95.26 To 3861. %



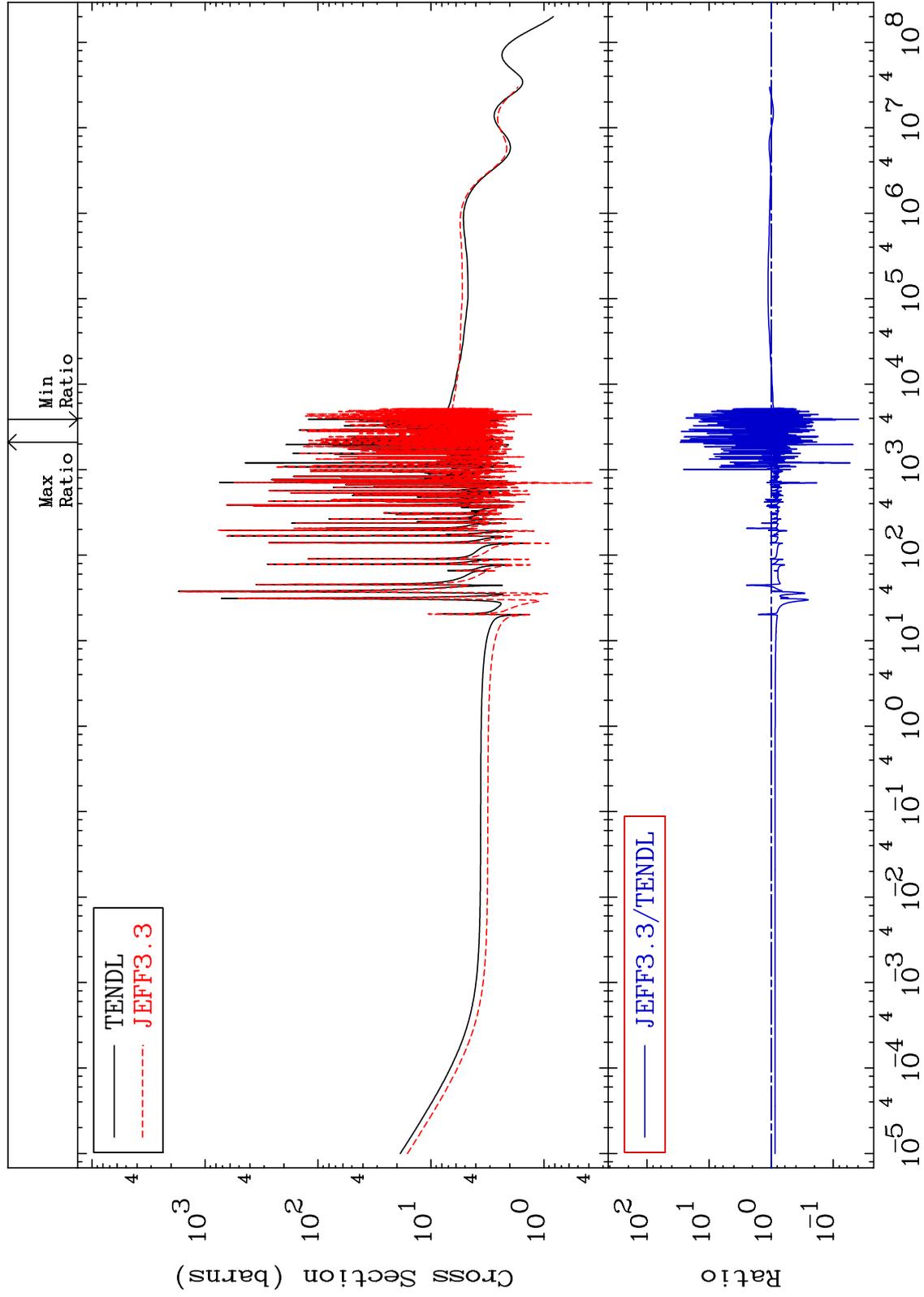
Incident Energy (eV)

53-I -127

MAT 5325

Elastic  
Cross Section

53-I -127  
-96.08 To 2805. %



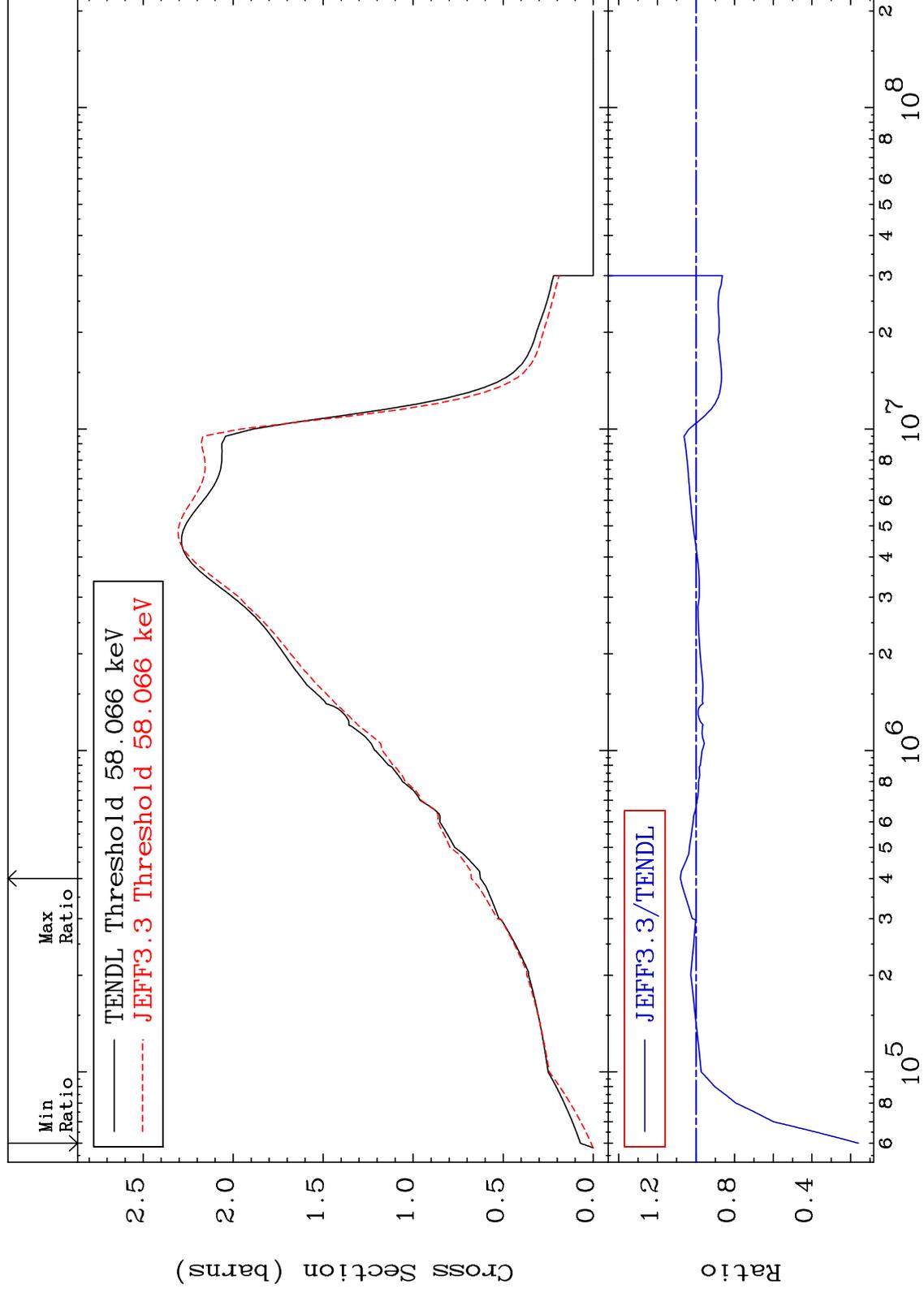
Incident Energy (eV)

53-I -127

MAT 5325

Inelastic  
Cross Section

53-I -127  
-84.10 To 8.080 %



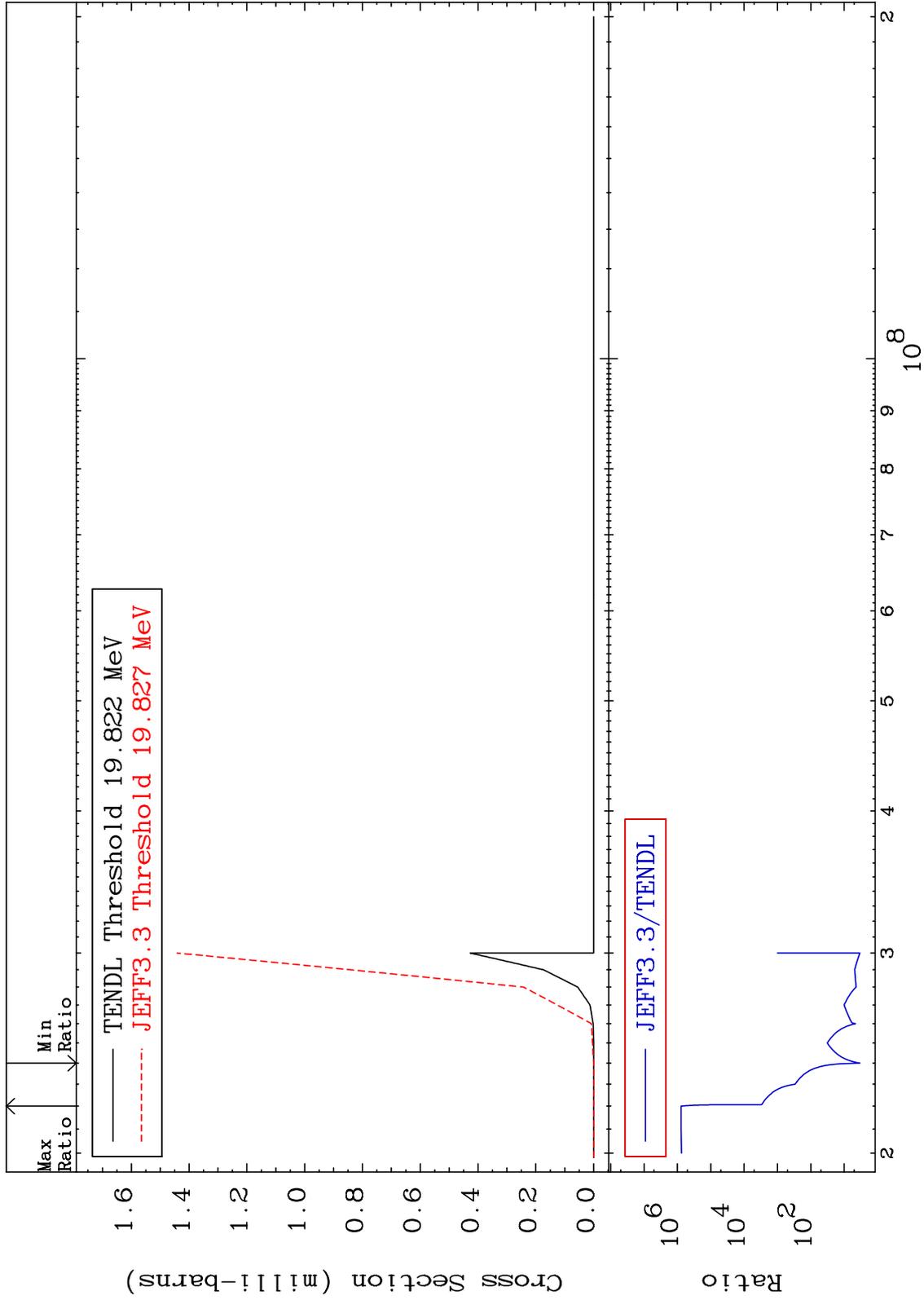
3

Incident Energy (eV)

53-I -127

Cross Section

237.2 To 9999. %



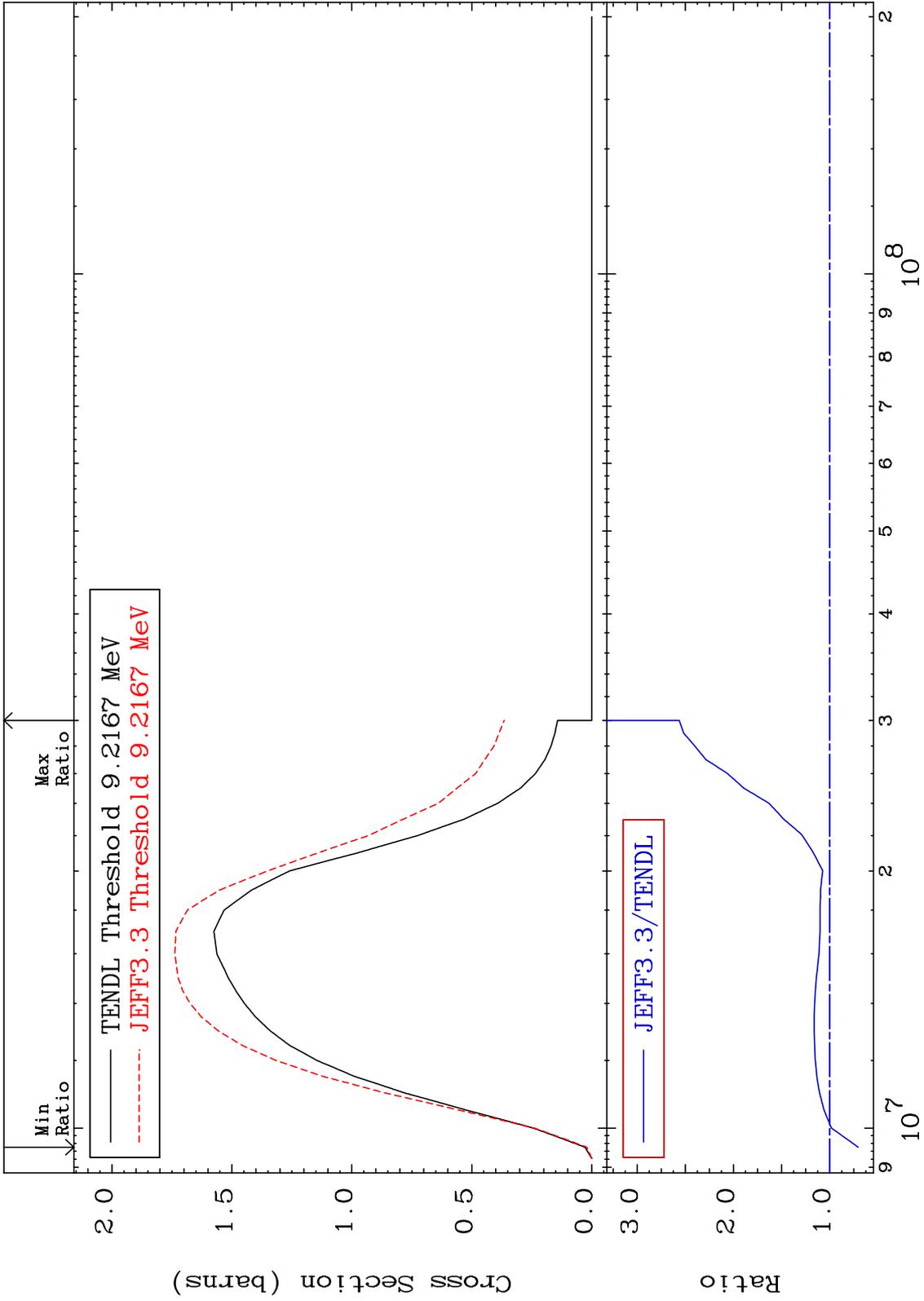
MAT 5325

(n,2n)

53-I -127

Cross Section

-29.62 To 156.3 %



Incident Energy (eV)

53-I -127

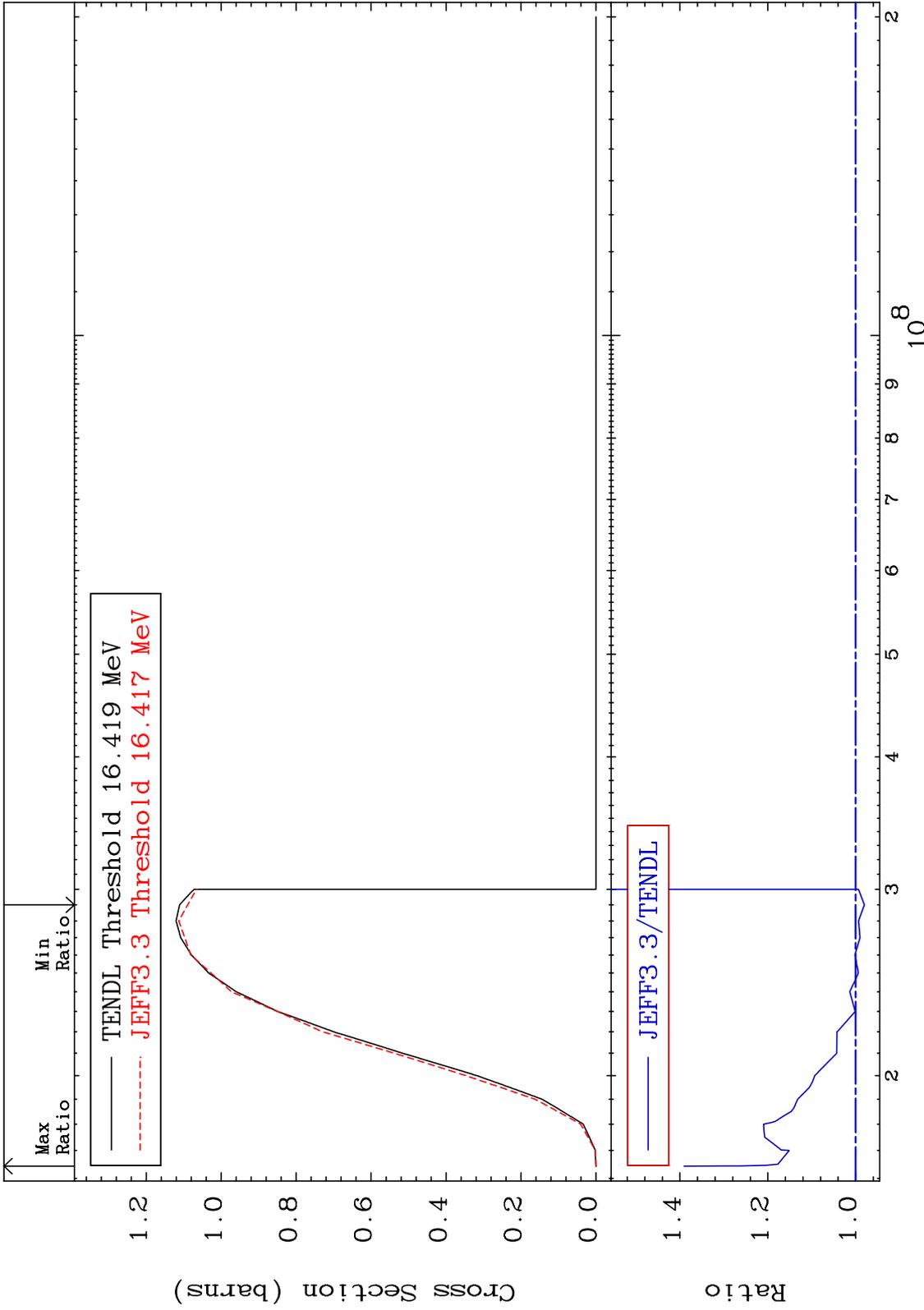
MAT 5325

(n, 3n)

53-I -127

Cross Section

-1.960 To 39.05 %



Incident Energy (eV)

53-I -127

6

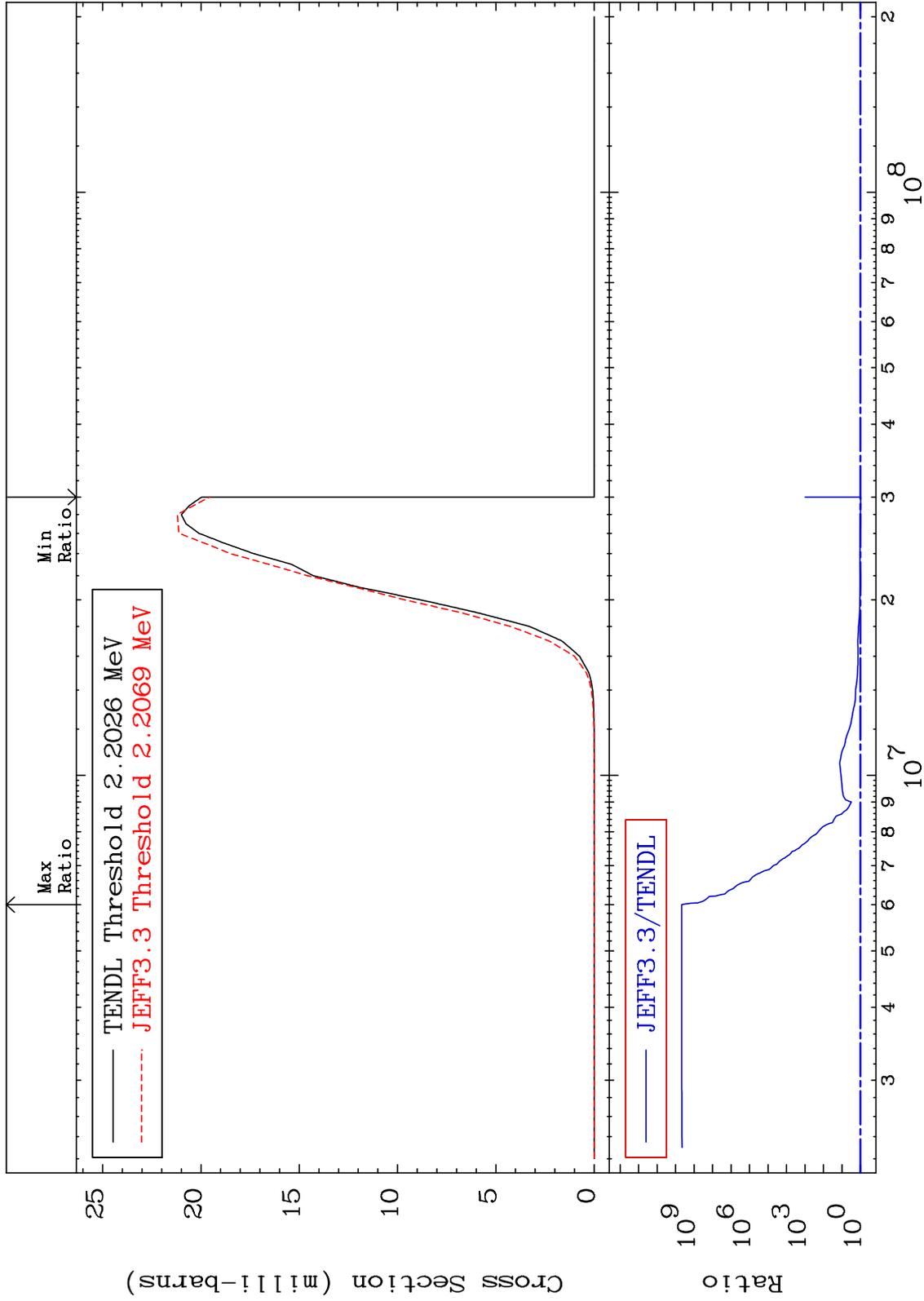
MAT 5325

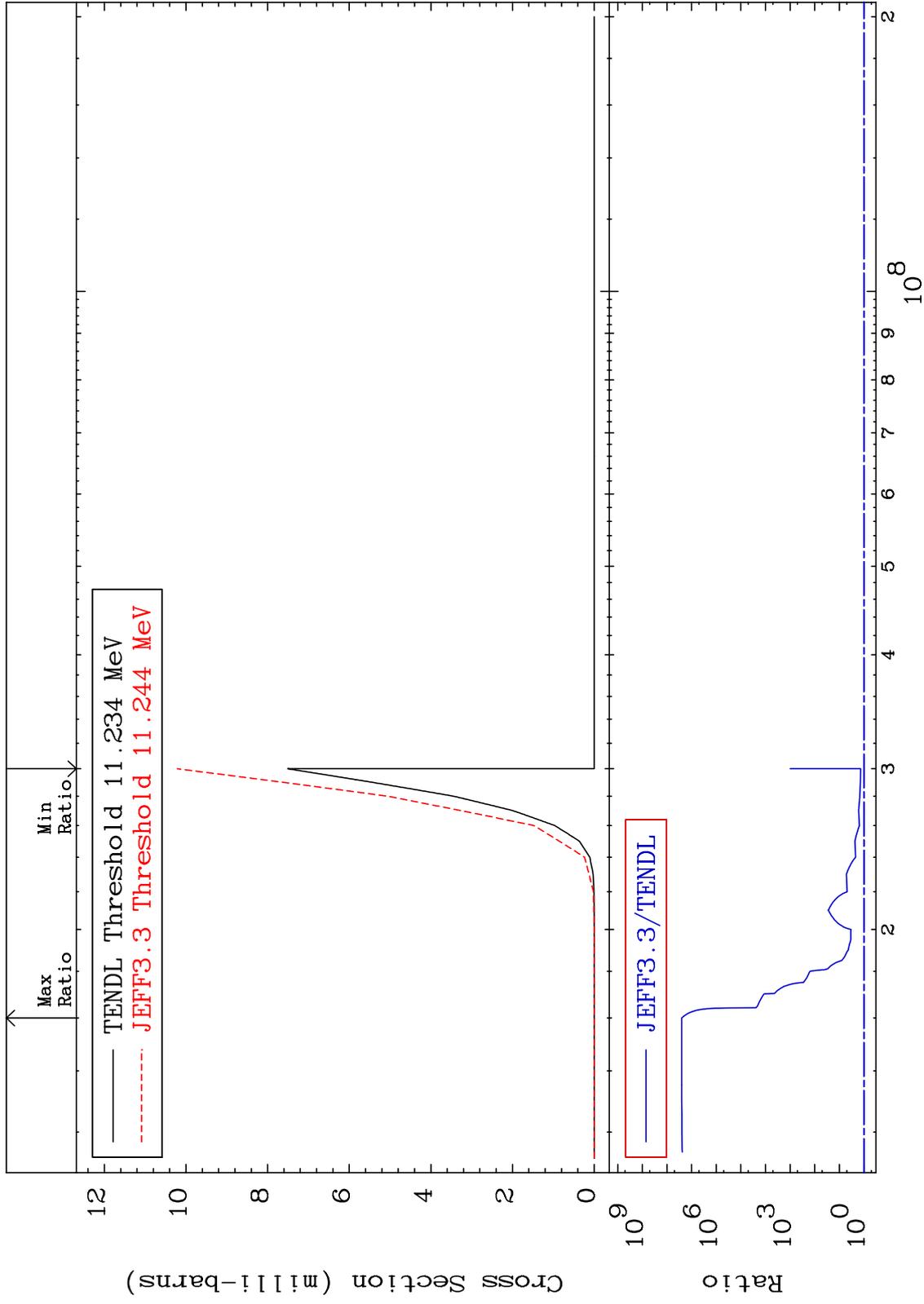
(n, n')  $\alpha$

53-I -127

-2.042 To 9999. %

Cross Section



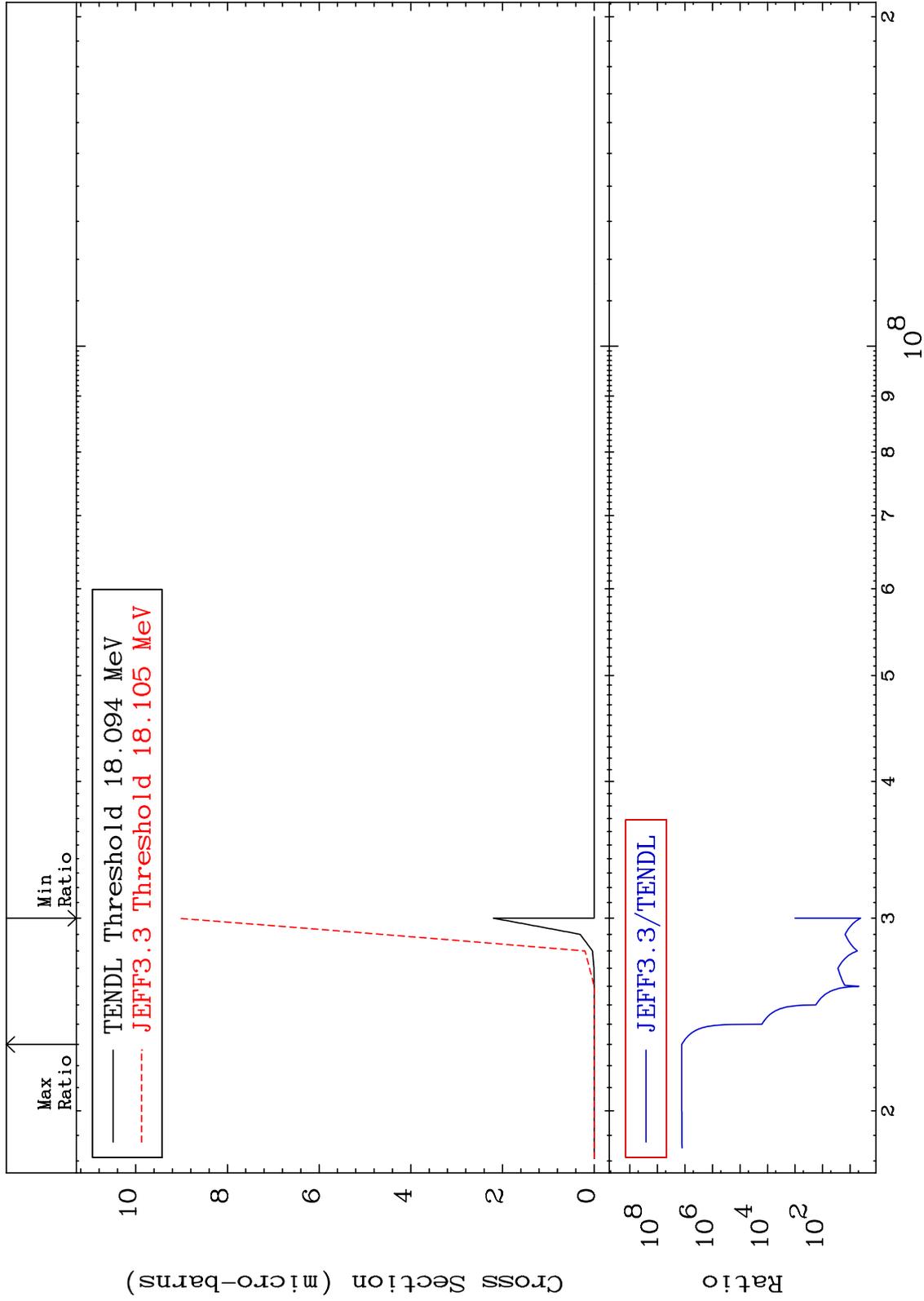


MAT 5325

(n,3n)  $\alpha$

53-I -127

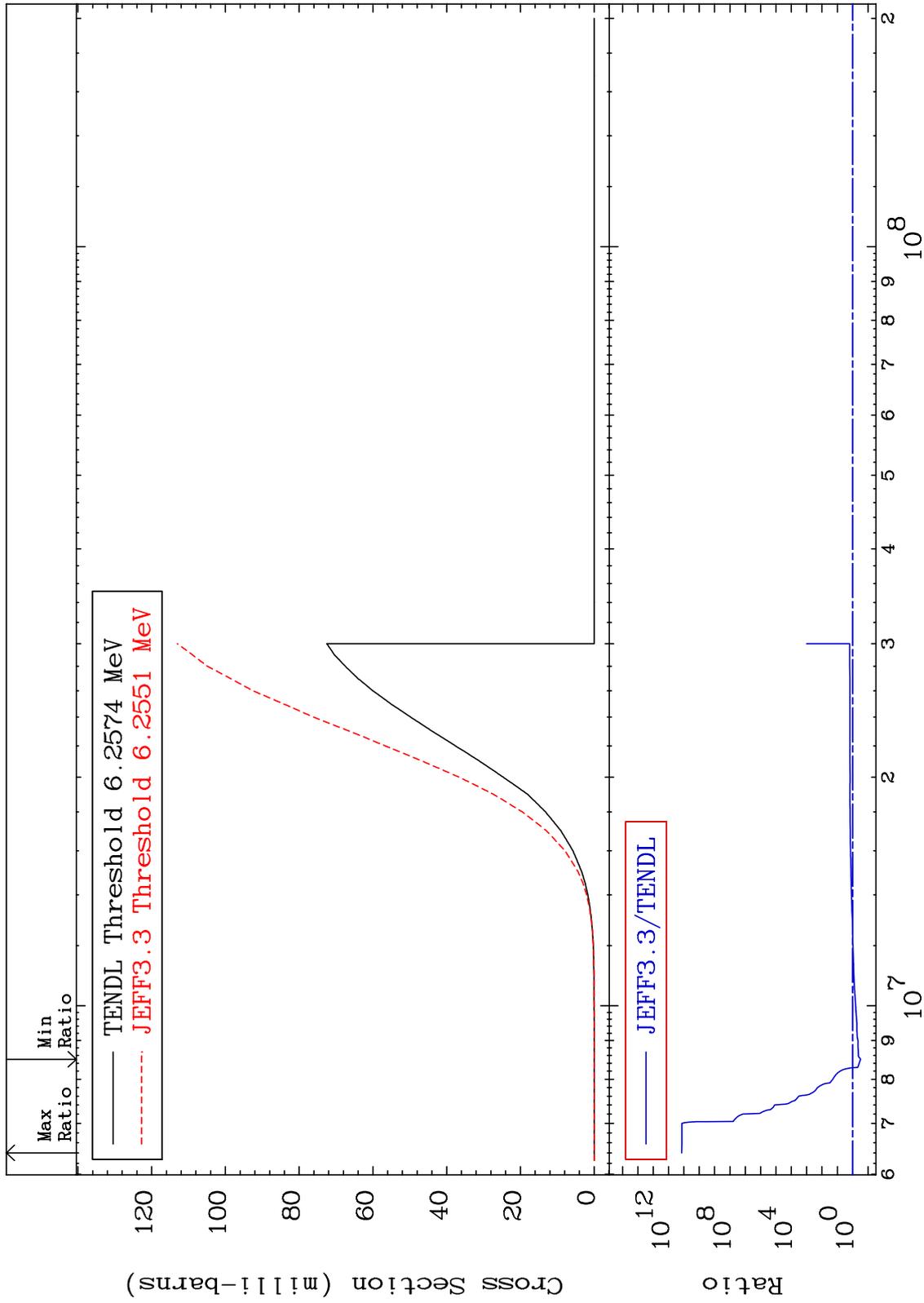
Cross Section 313.9 To 9999. %



MAT 5325

(n,n') p  
Cross Section

53-I -127  
-69.84 To 9999. %



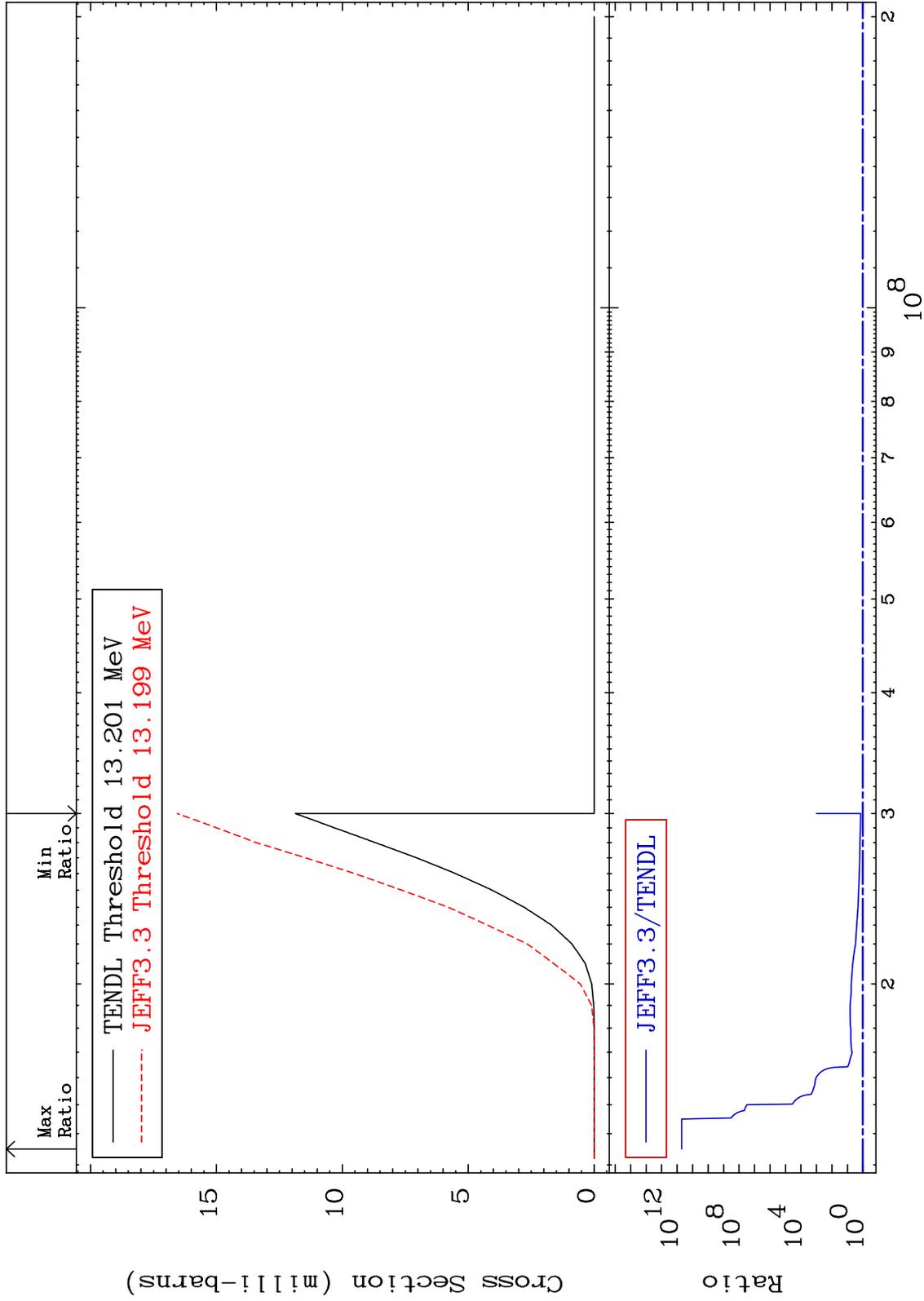
10

Incident Energy (eV)

53-I -127

Cross Section

39.54 To 9999. %



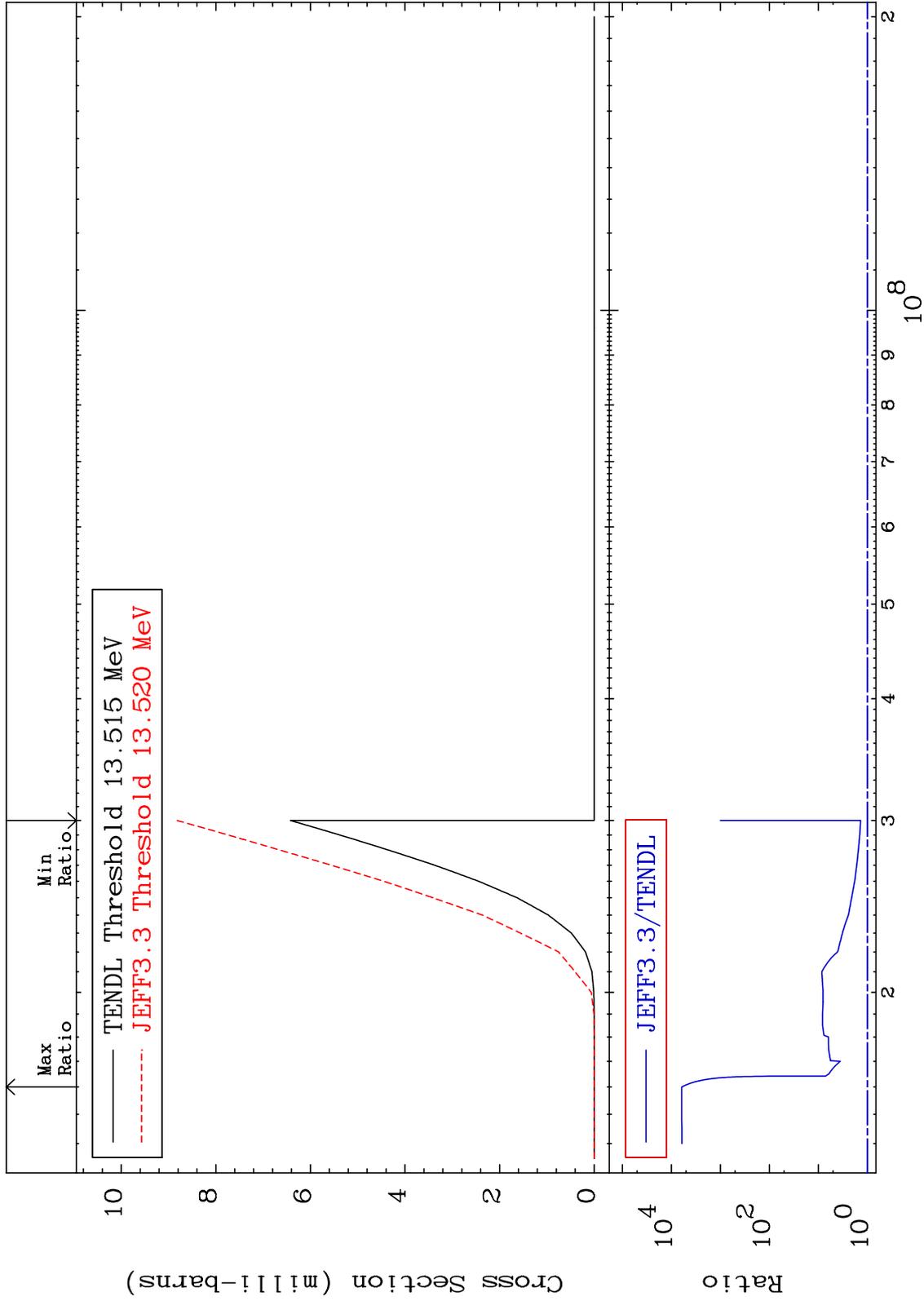
MAT 5325

(n,n') t

53-I -127

Cross Section

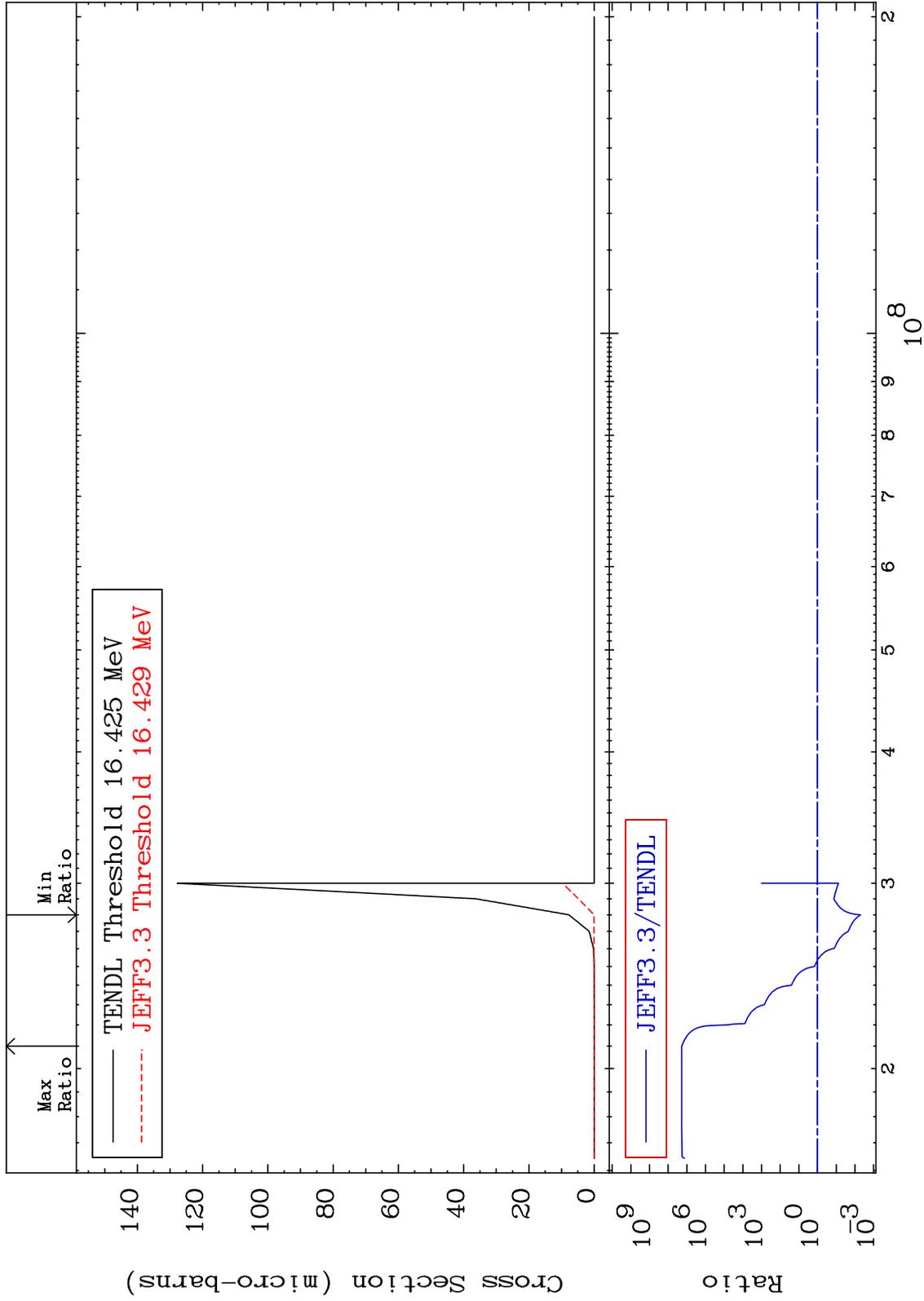
37.35 To 9999. %



MAT 5325

(n, n') He-3  
Cross Section

53-I -127  
-99.51 To 9999. %



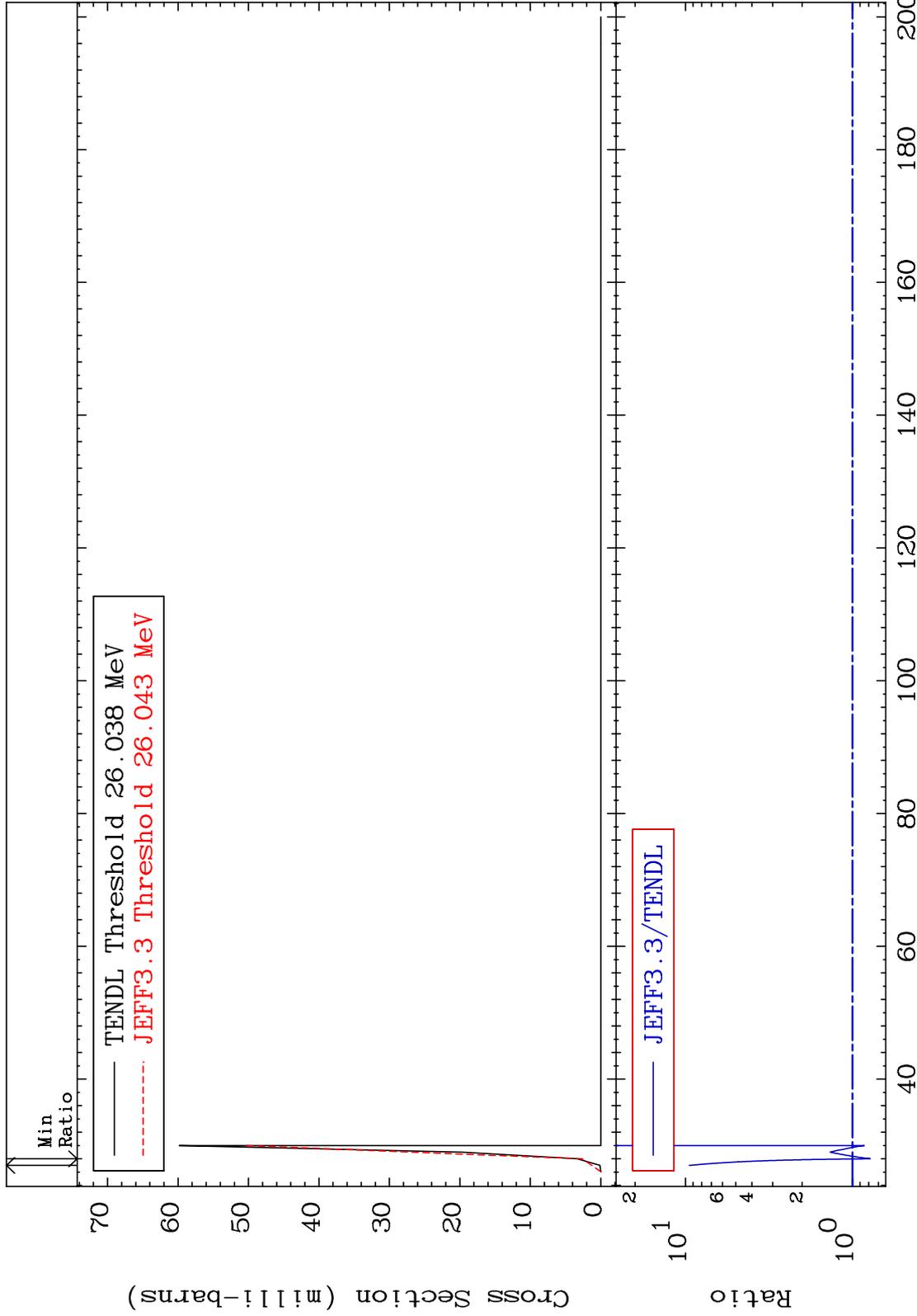
MAT 5325

(n, 4n)

53-I -127

Cross Section

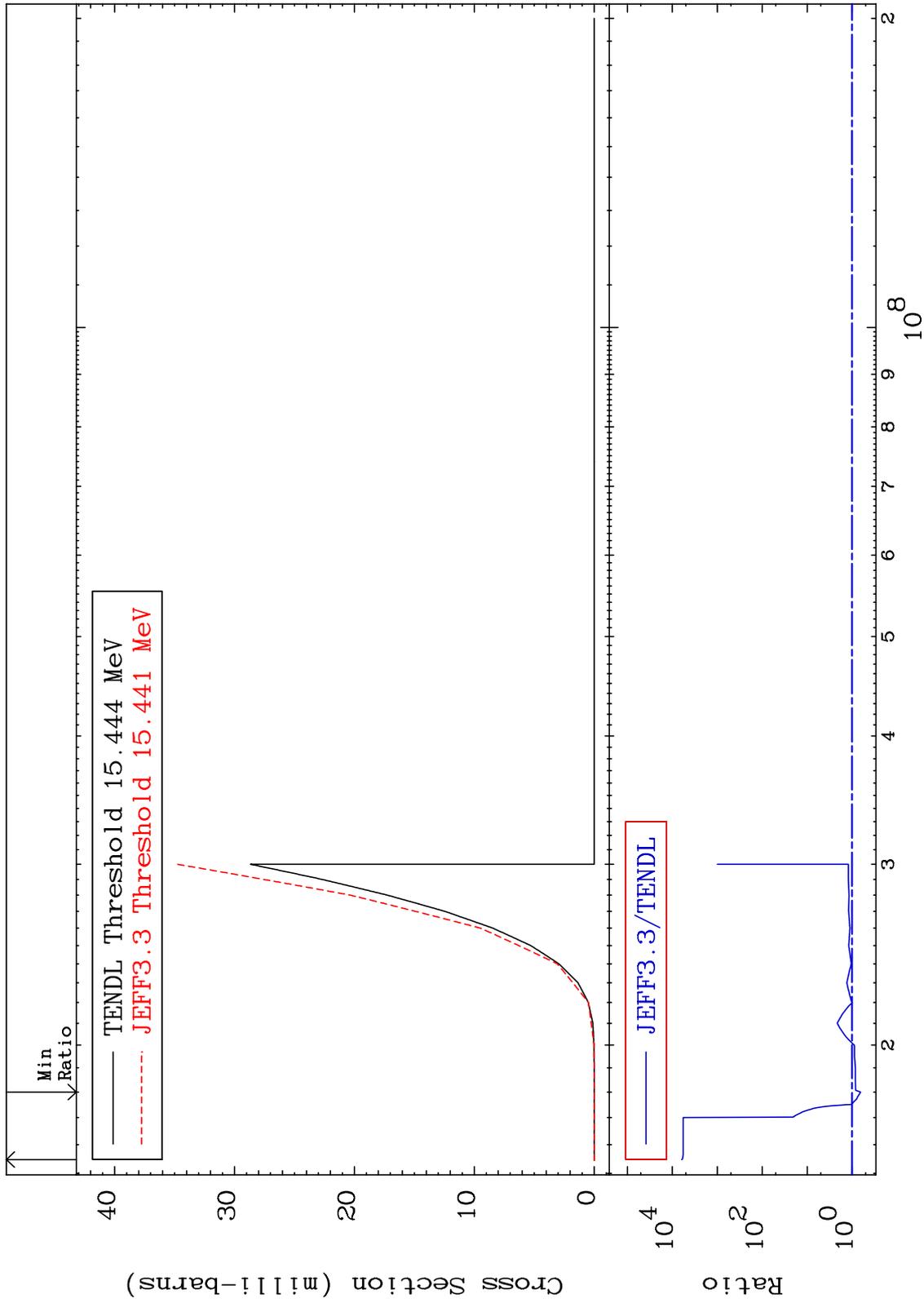
-21.80 To 847.5 %



MAT 5325

(n,2n) p  
Cross Section

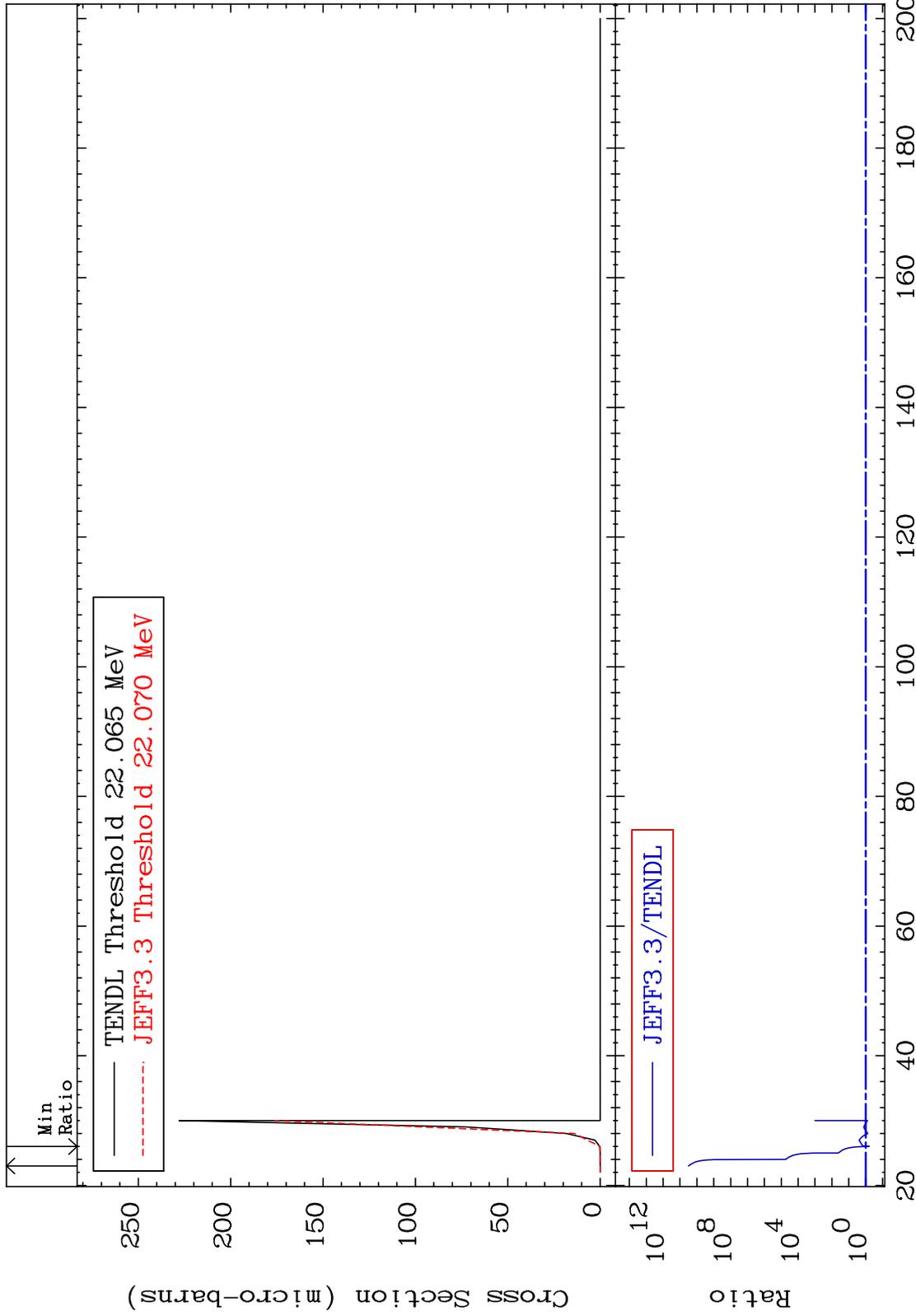
53-I -127  
-35.34 To 9999. %



MAT 5325

(n,3n) p  
Cross Section

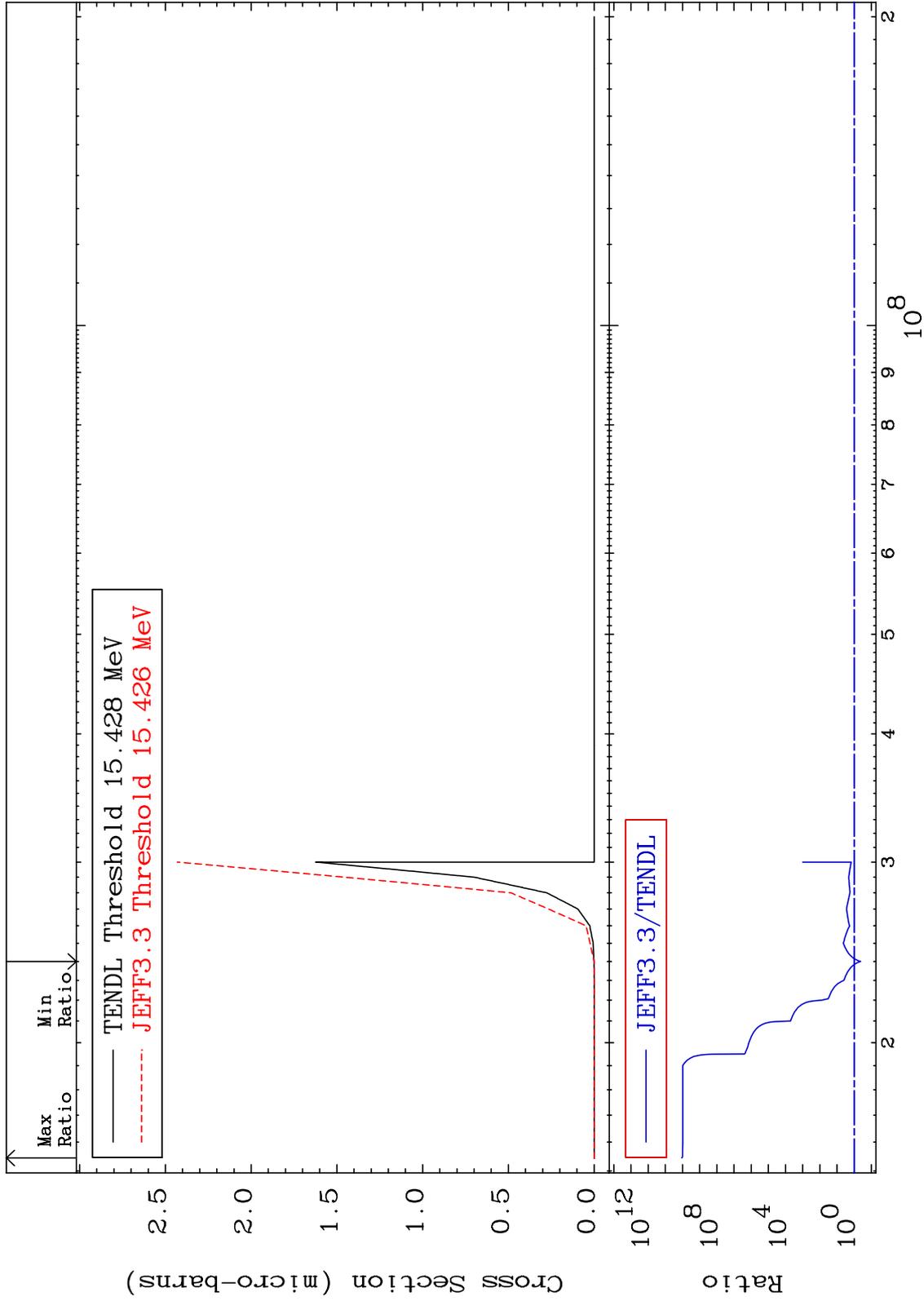
53-I -127  
-39.22 To 9999. %



MAT 5325

(n,2n) p  
Cross Section

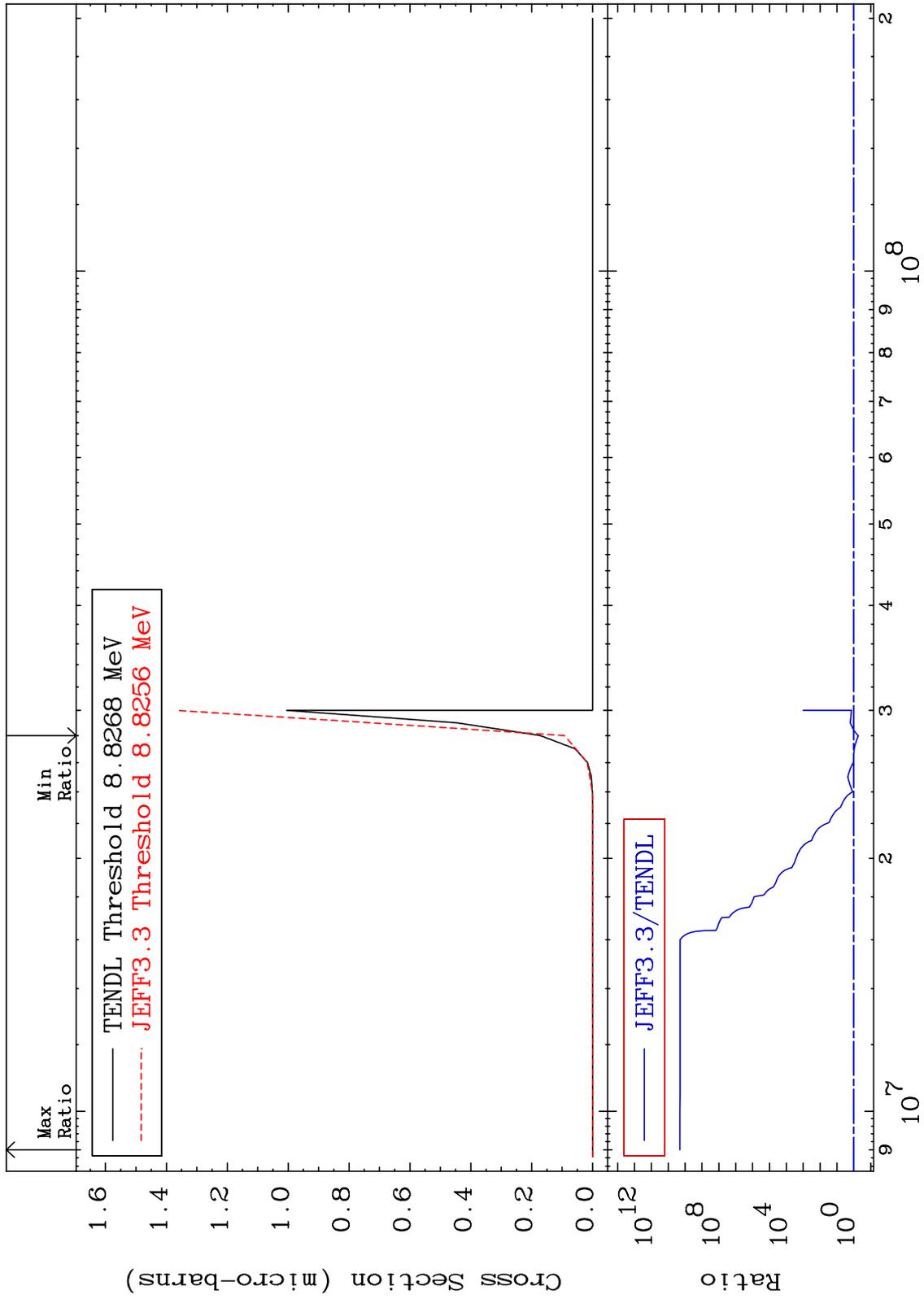
53-I -127  
-57.96 To 9999. %



MAT 5325

(n,n') p  $\alpha$   
Cross Section

53-I -127  
-46.32 To 9999. %



18

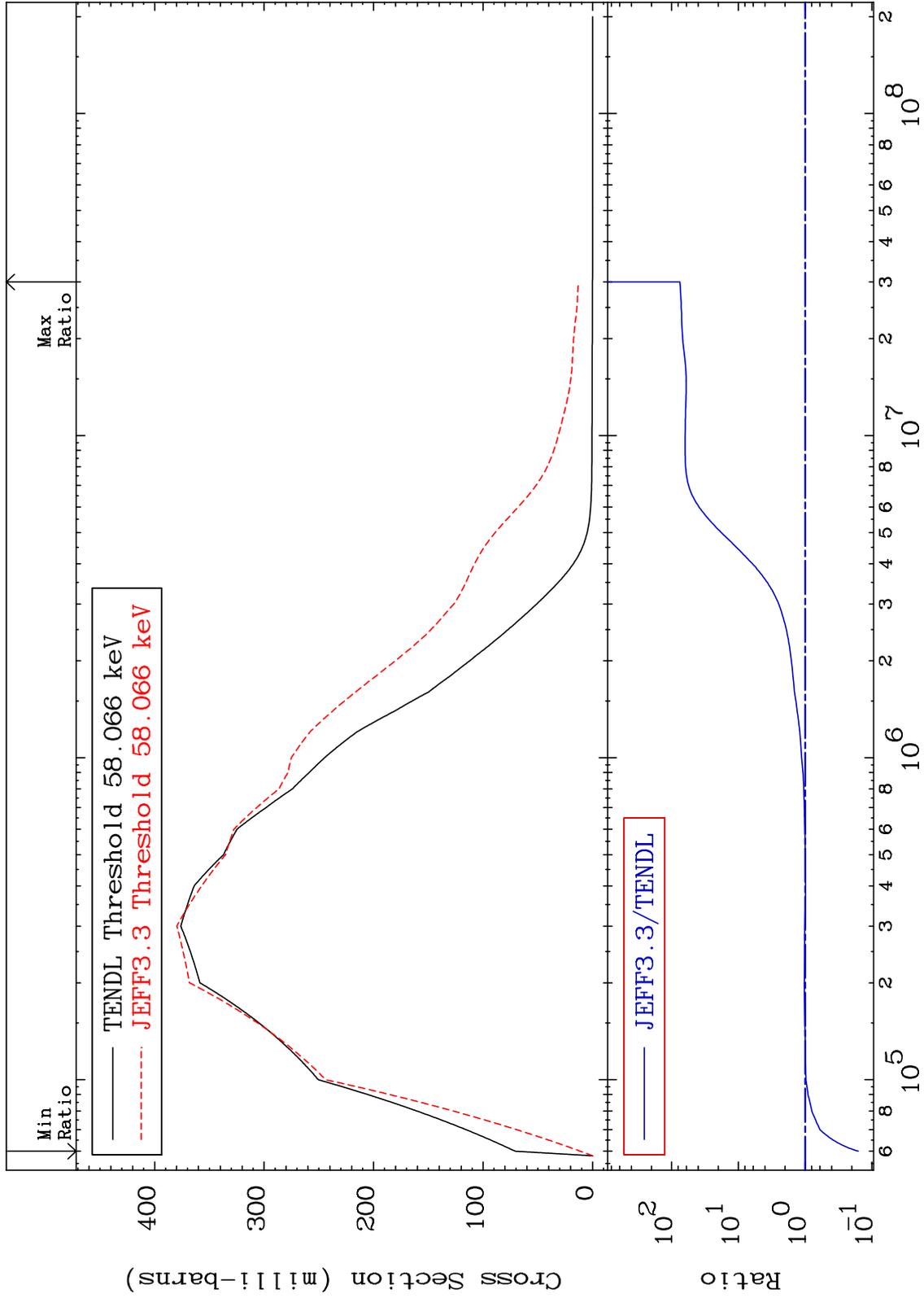
Incident Energy (eV)

53-I -127

MAT 5325

MT= 51 (n,n') Level  
Cross Section

53-I -127  
-84.10 To 7402. %



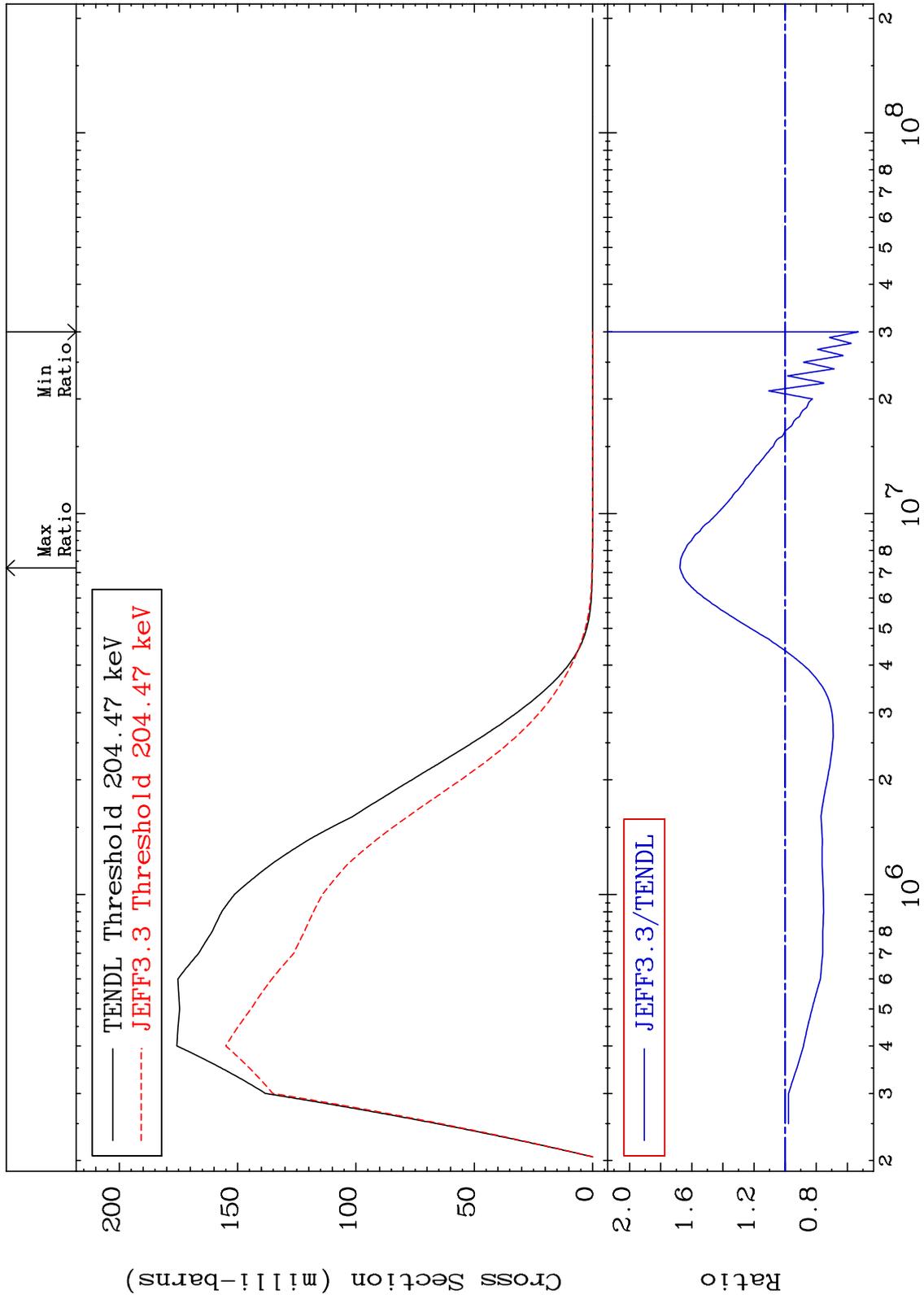
19

53-I -127

MAT 5325

MT= 52 (n,n') Level  
Cross Section

53-I -127  
-47.08 To 67.64 %

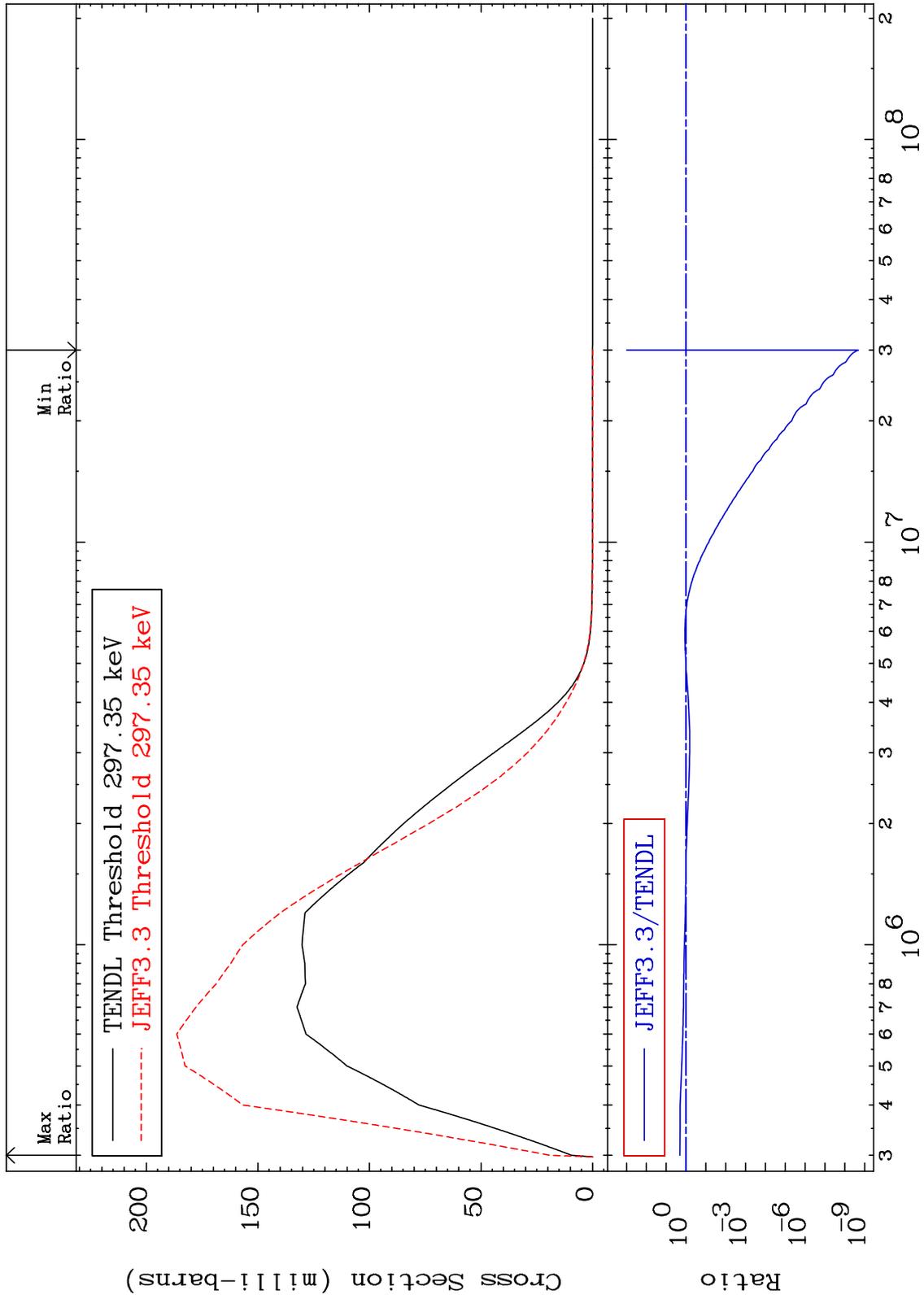


20

Incident Energy (eV)

53-I -127

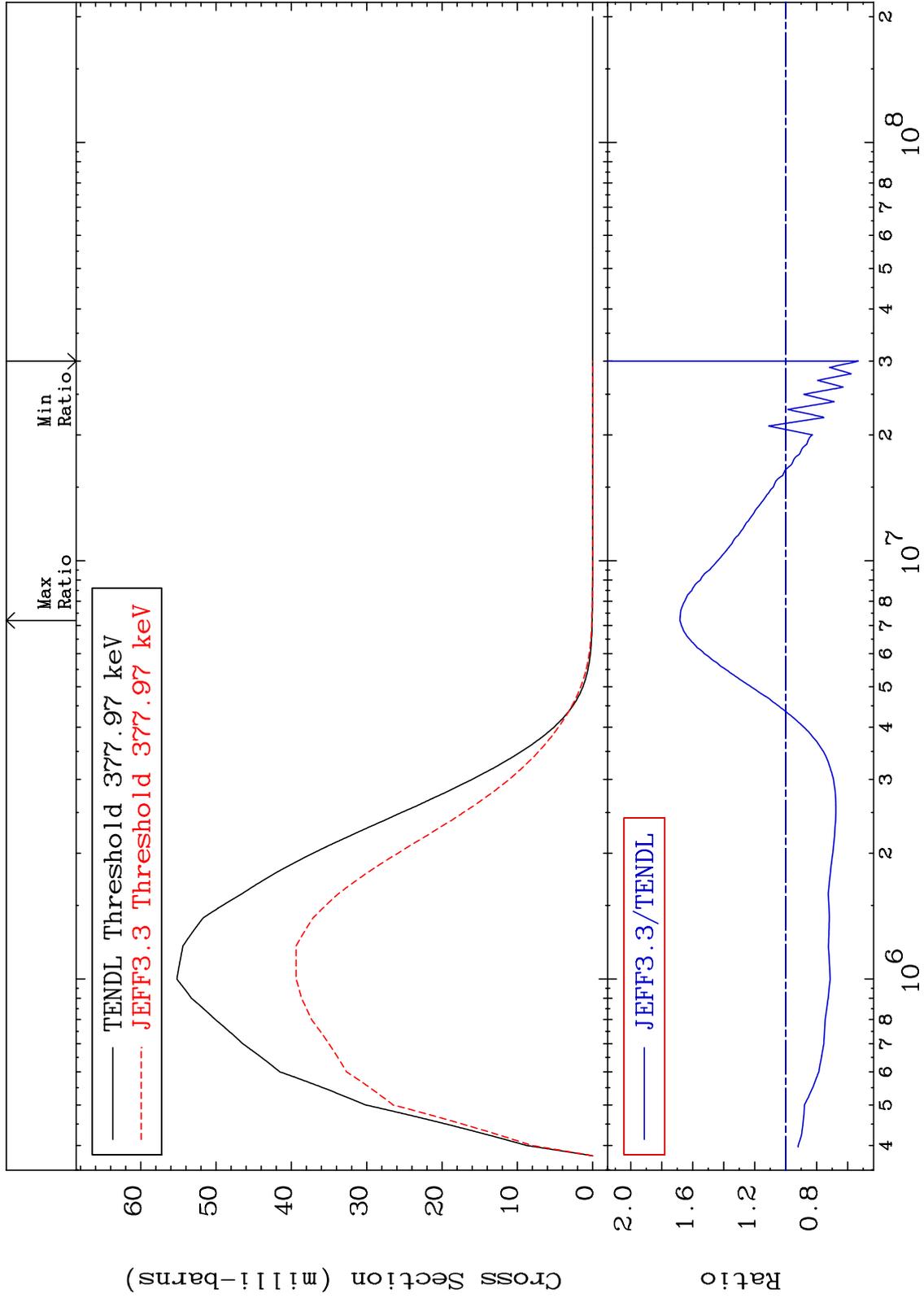
MAT 5325 MT= 53 (n,n') Level -100.0 To 103.5 %  
 Cross Section 53-I -127



MAT 5325

MT= 54 (n,n') Level  
Cross Section

53-I -127  
-46.93 To 68.24 %



22

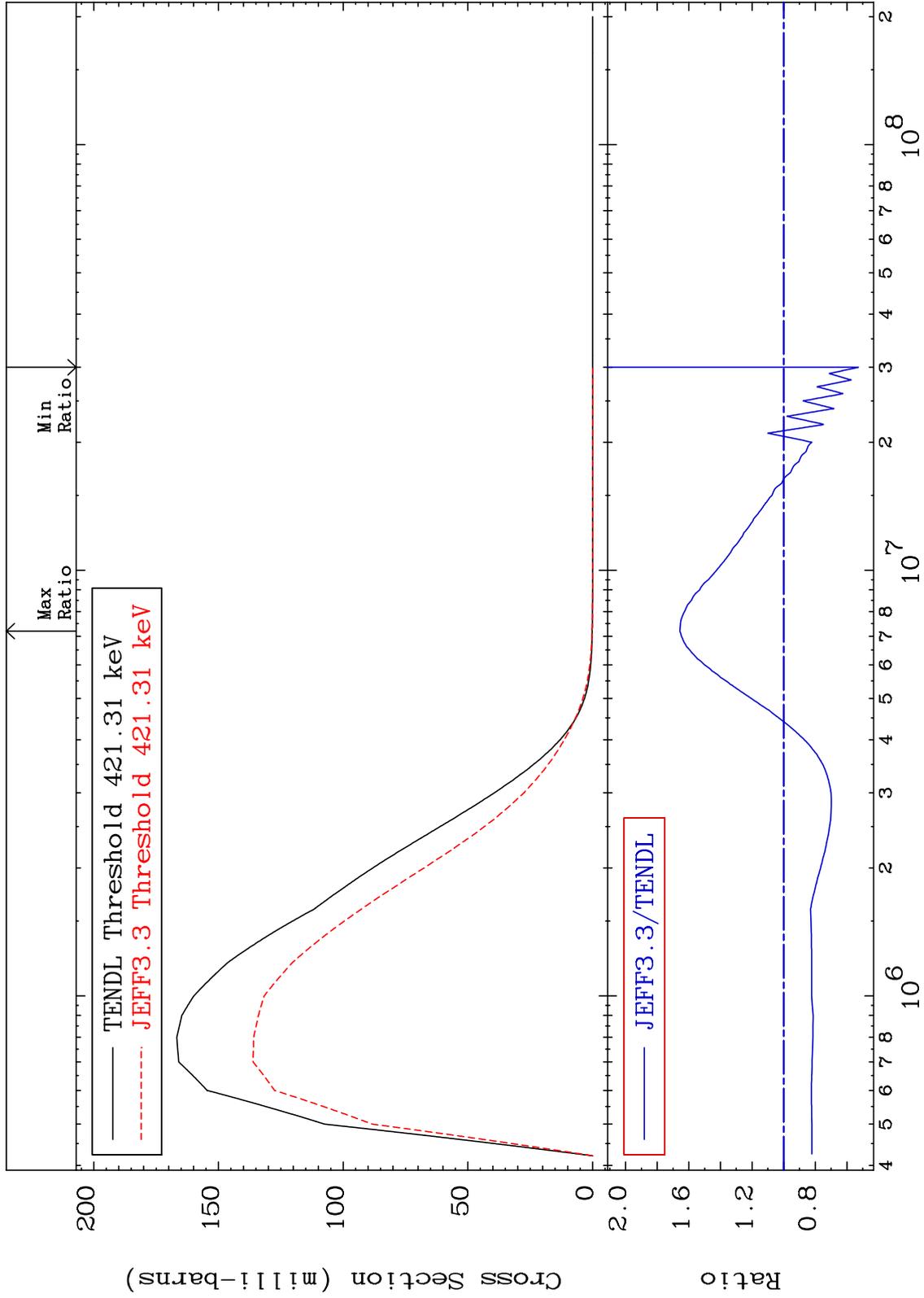
Incident Energy (eV)

53-I -127

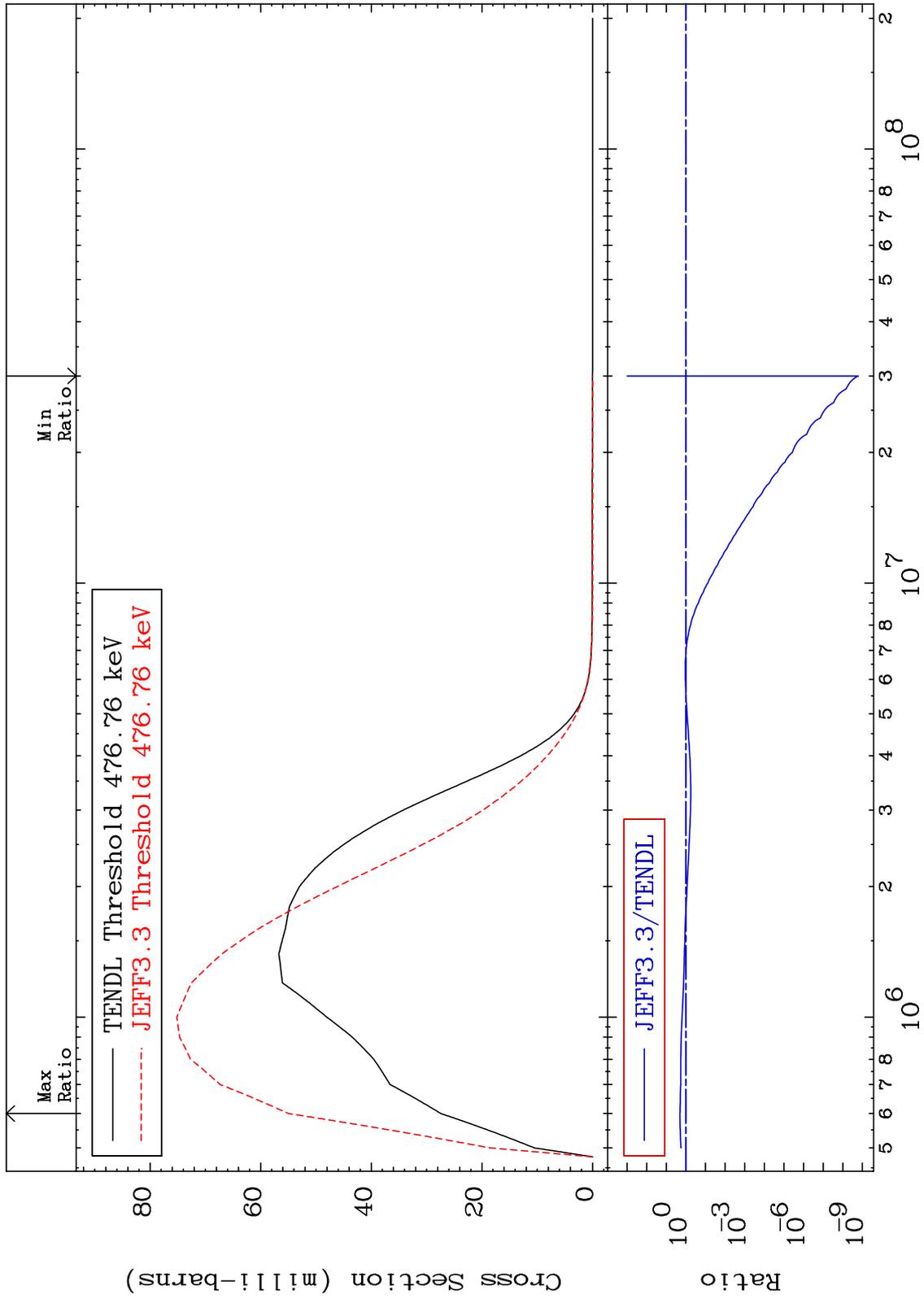
MAT 5325

MT= 55 (n, n') Level  
Cross Section

53-I -127  
-47.25 To 65.63 %



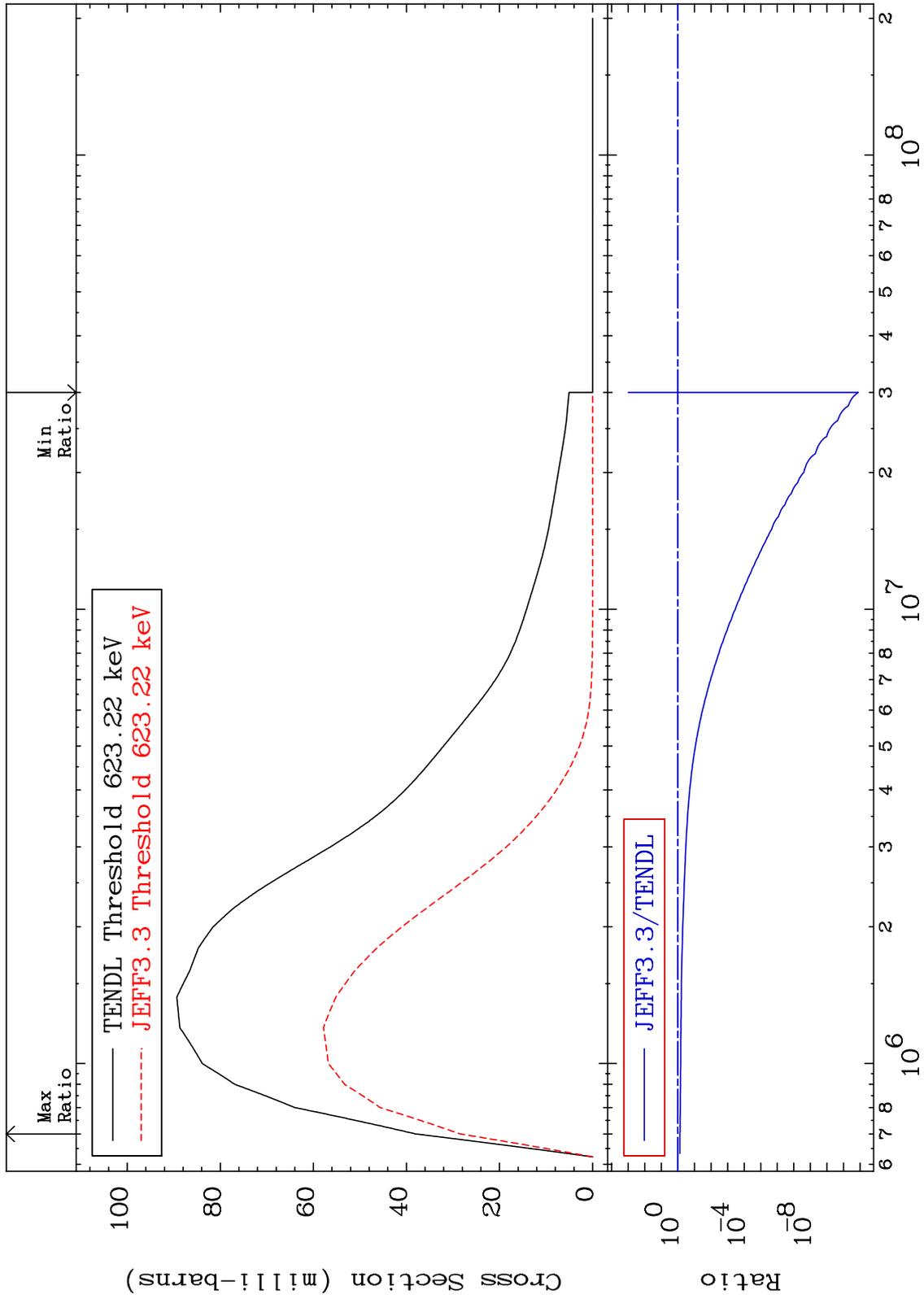
MAT 5325 MT= 56 (n,n') Level Cross Section 53-I -127  
 -100.0 To 100.3 %



MAT 5325

MT= 57 (n,n') Level  
Cross Section

53-I -127  
-100.0 To -25.17%



25

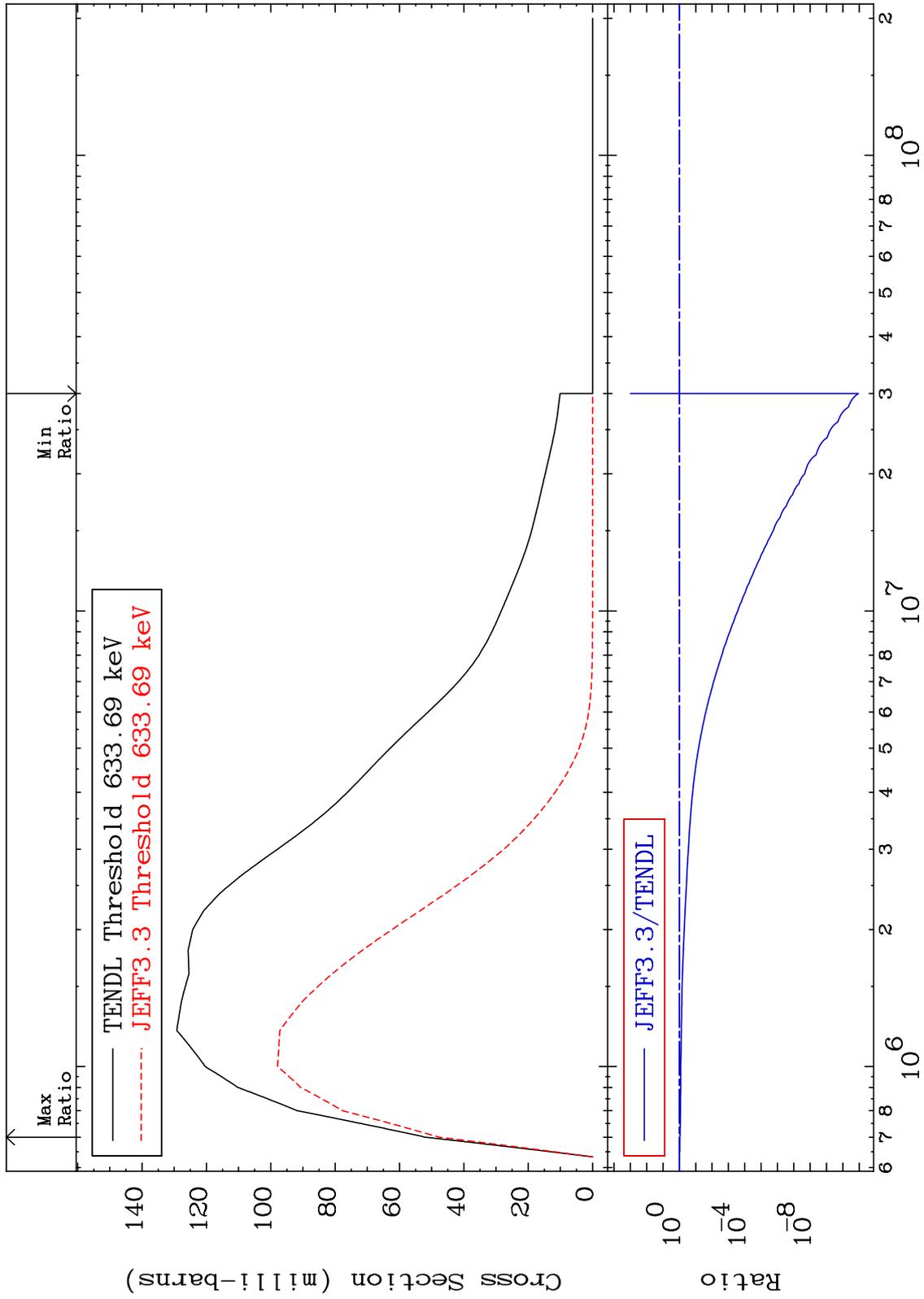
Incident Energy (eV)

53-I -127

MAT 5325

MT= 58 (n,n') Level  
Cross Section

53-I -127  
-100.0 To -8.197%



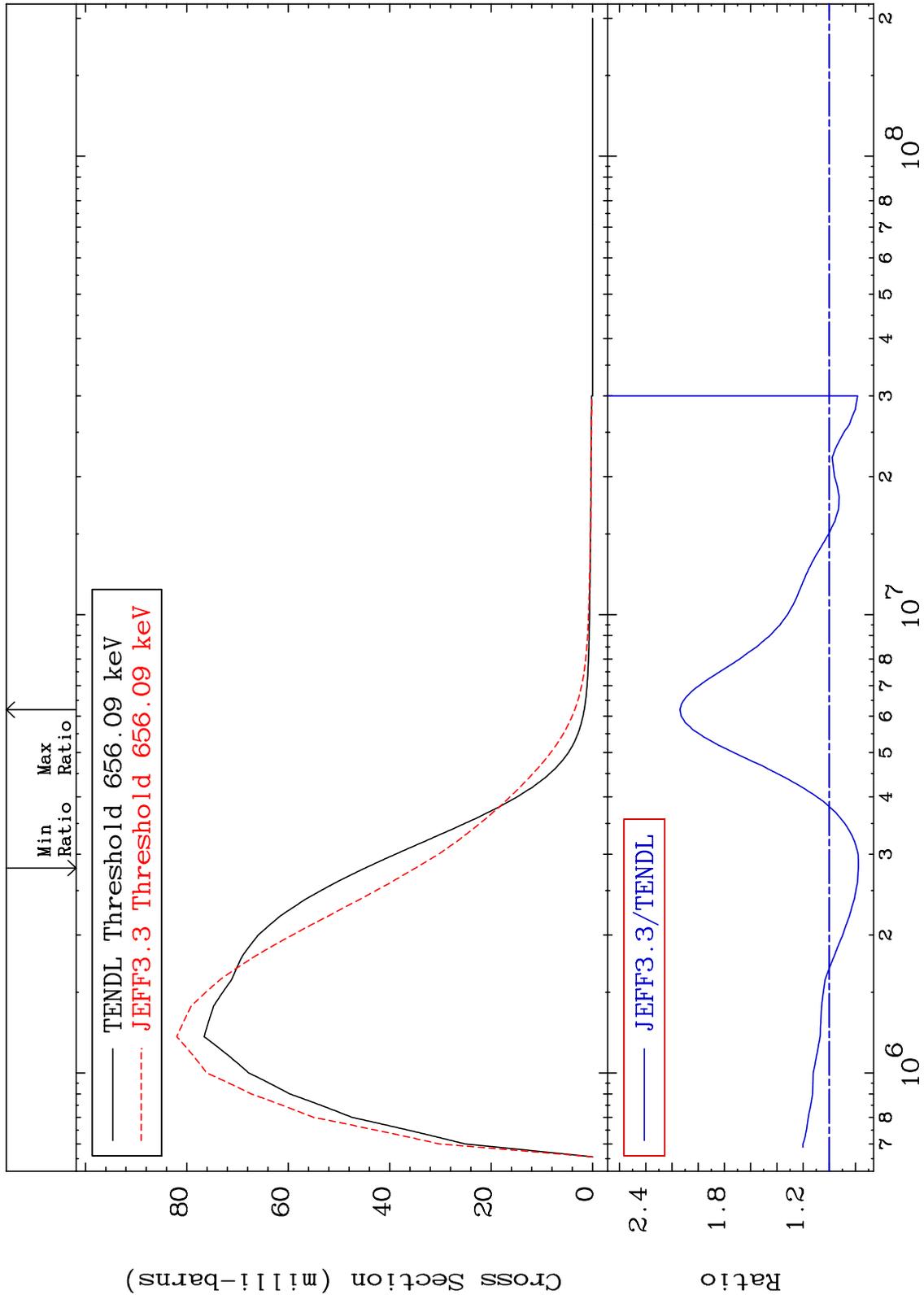
26

53-I -127

MAT 5325

MT= 59 (n,n') Level  
Cross Section

53-I -127  
-22.16 To 113.9 %



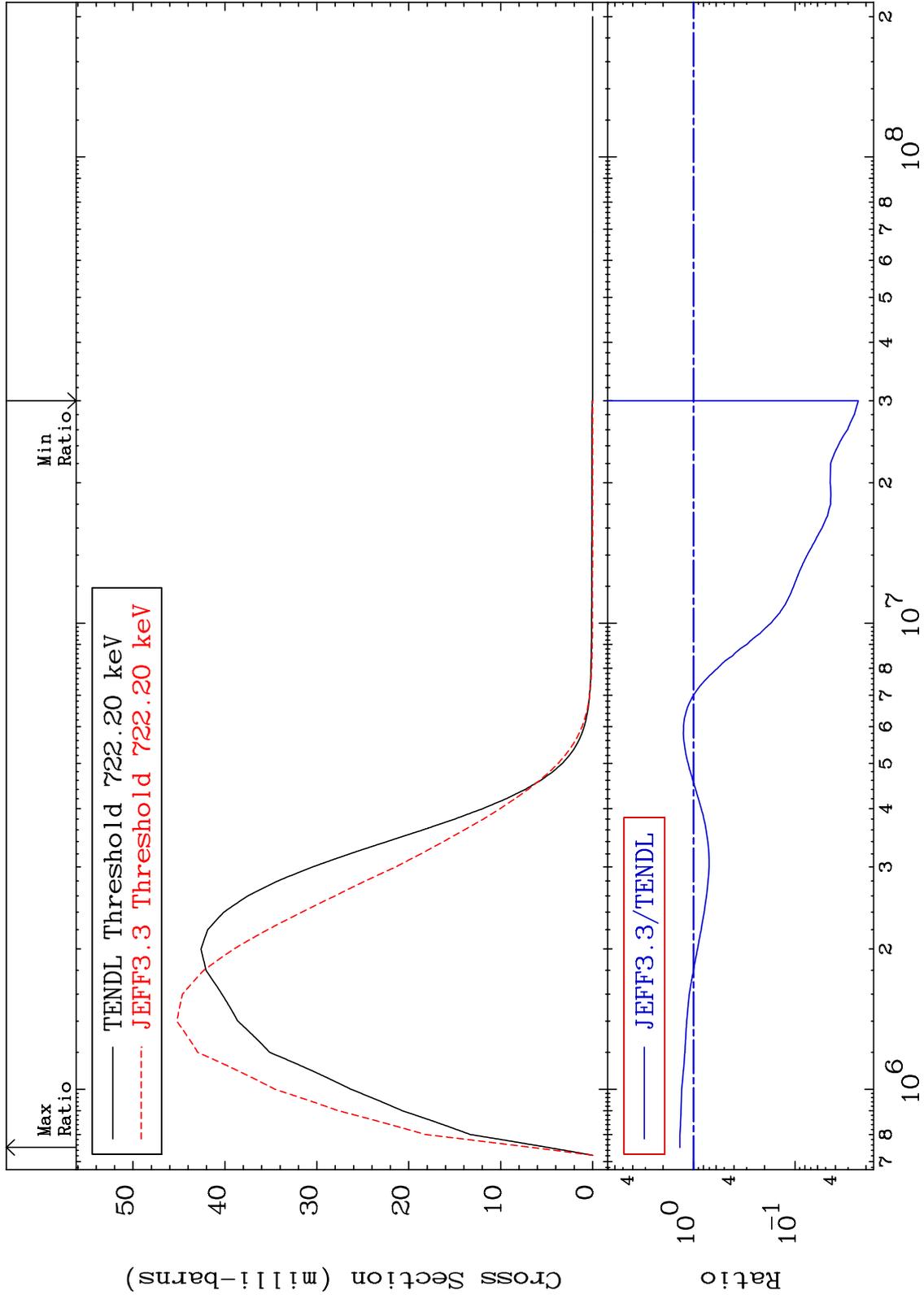
27

53-I -127

MAT 5325

MT= 60 (n,n') Level  
Cross Section

53-I -127  
-97.63 To 36.67 %



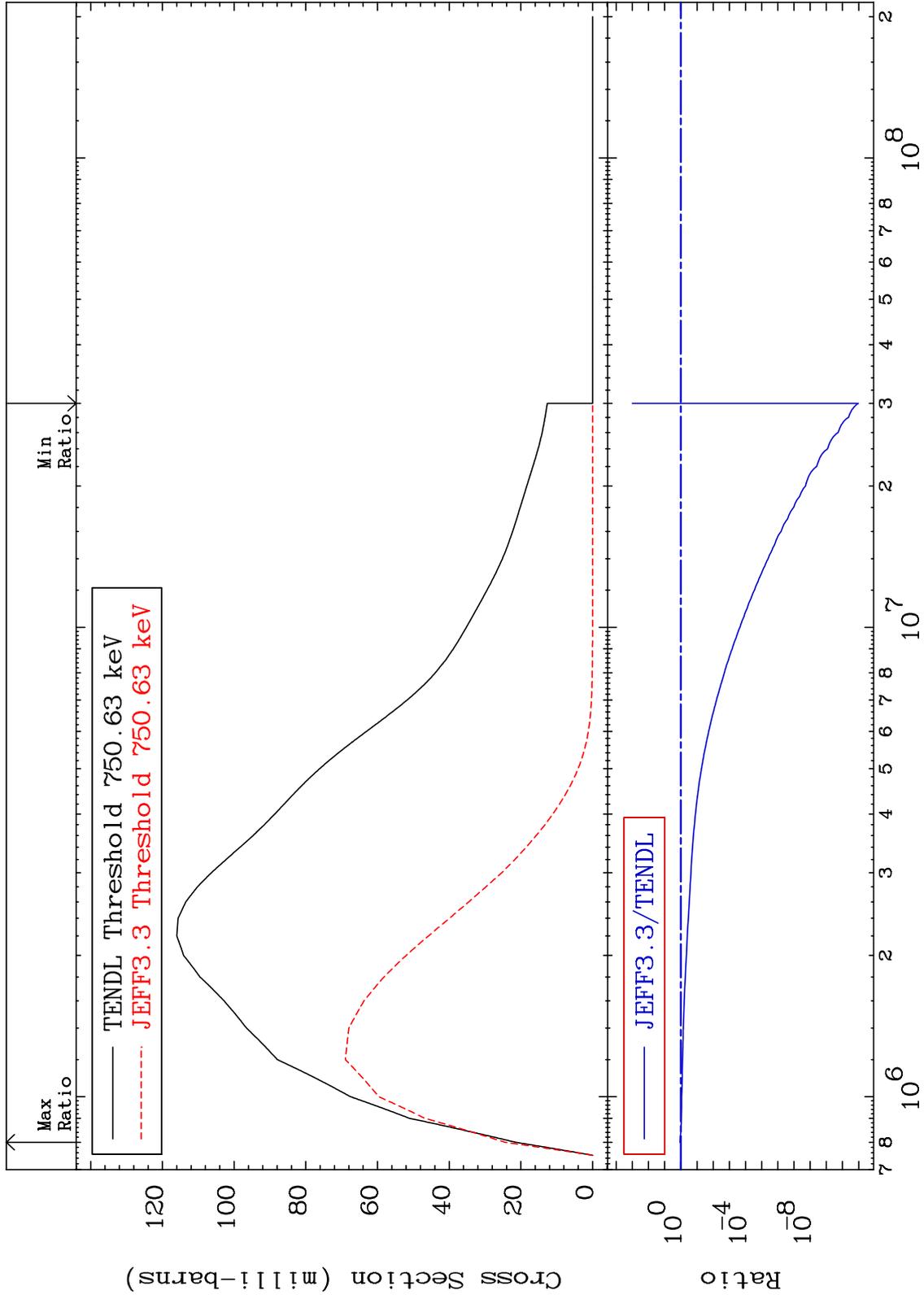
28

53-I -127

MAT 5325

MT= 61 (n,n') Level  
Cross Section

53-I -127  
-100.0 To 13.71 %



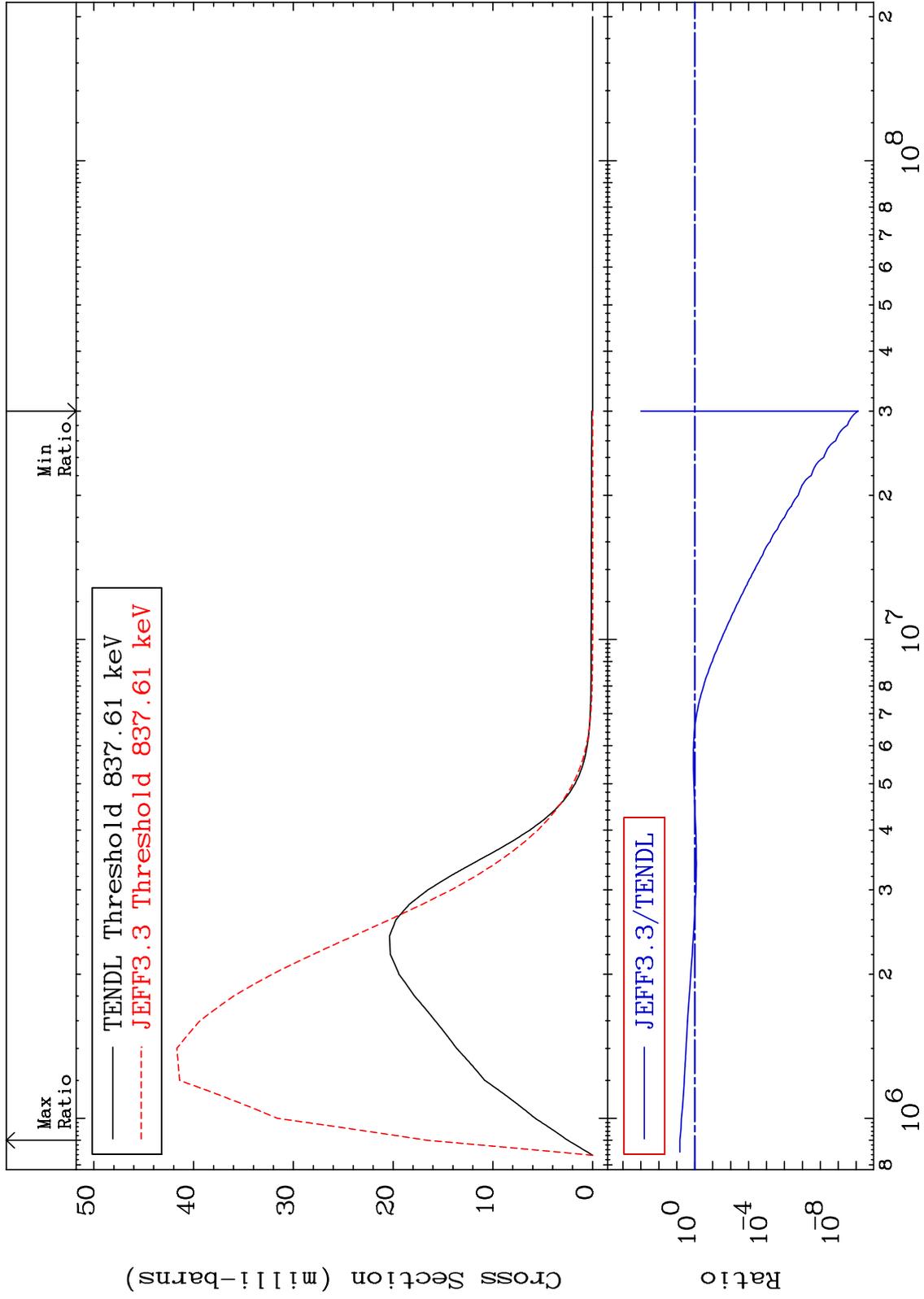
29

53-I -127

MAT 5325

MT= 62 (n,n') Level  
Cross Section

53-I -127  
-100.0 To 567.1 %



30

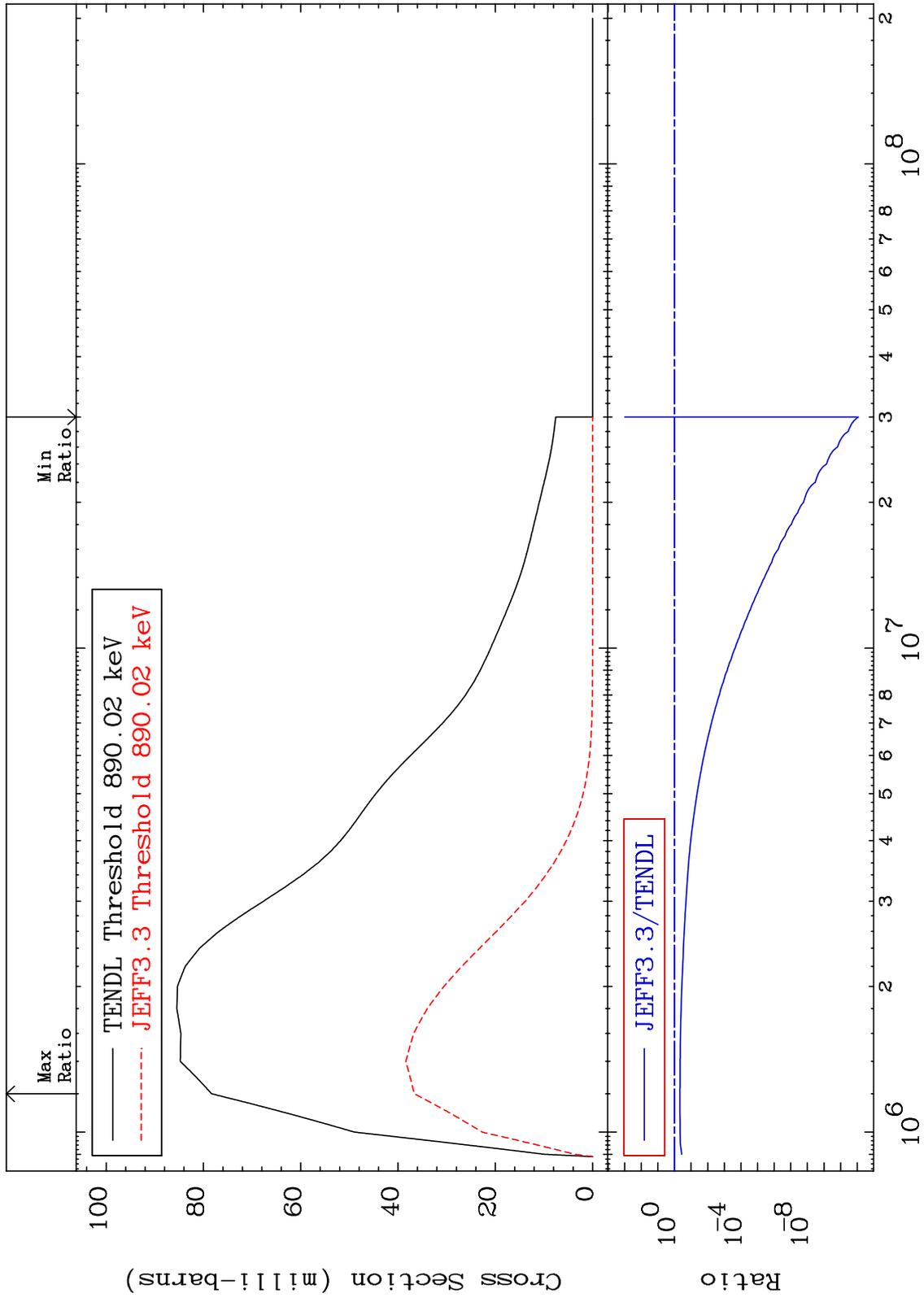
Incident Energy (eV)

53-I -127

MAT 5325

MT= 63 (n,n') Level  
Cross Section

53-I -127  
-100.0 To -53.19%



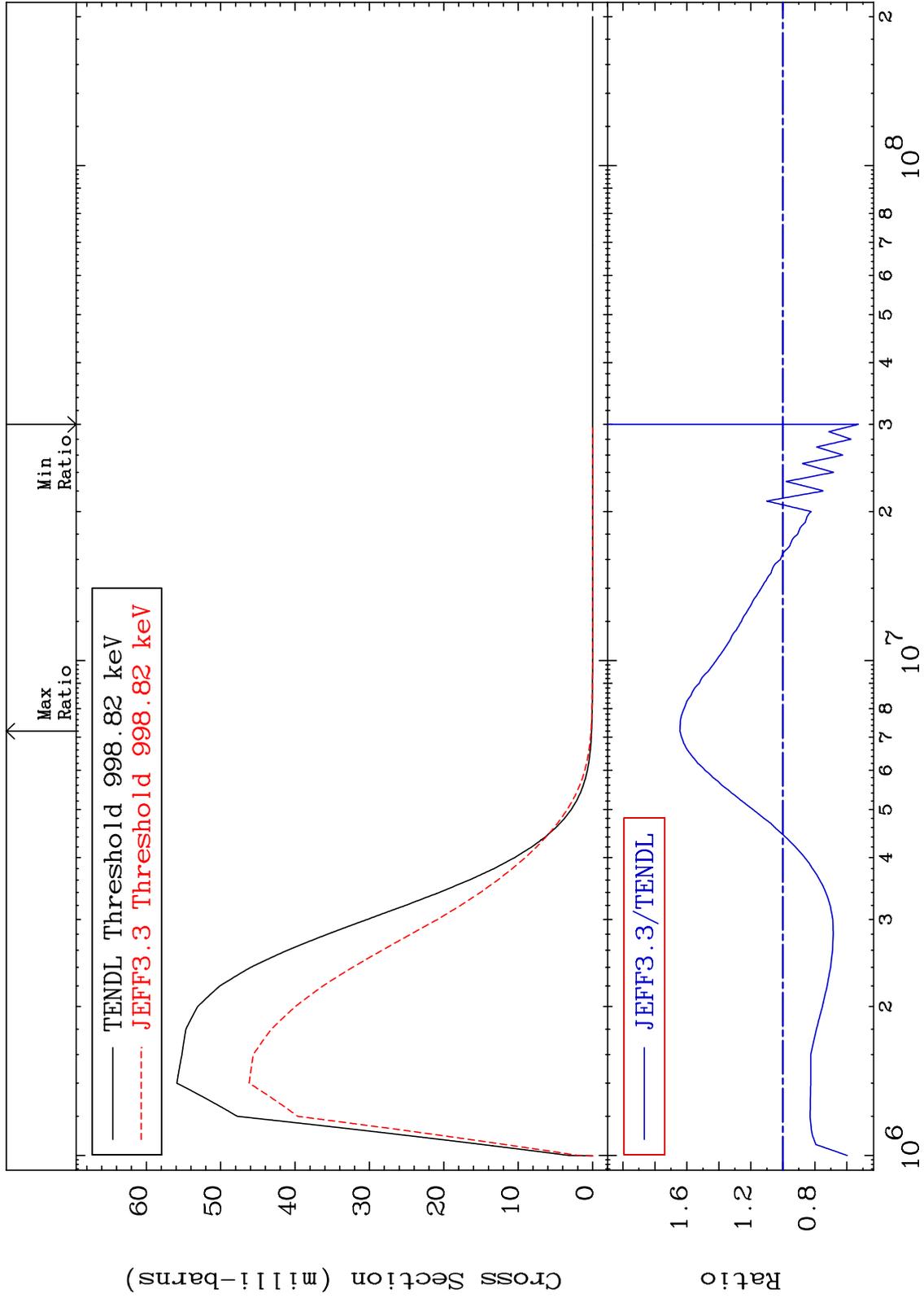
31

53-I -127

MAT 5325

MT= 64 (n,n') Level  
Cross Section

53-I -127  
-47.19 To 64.35 %



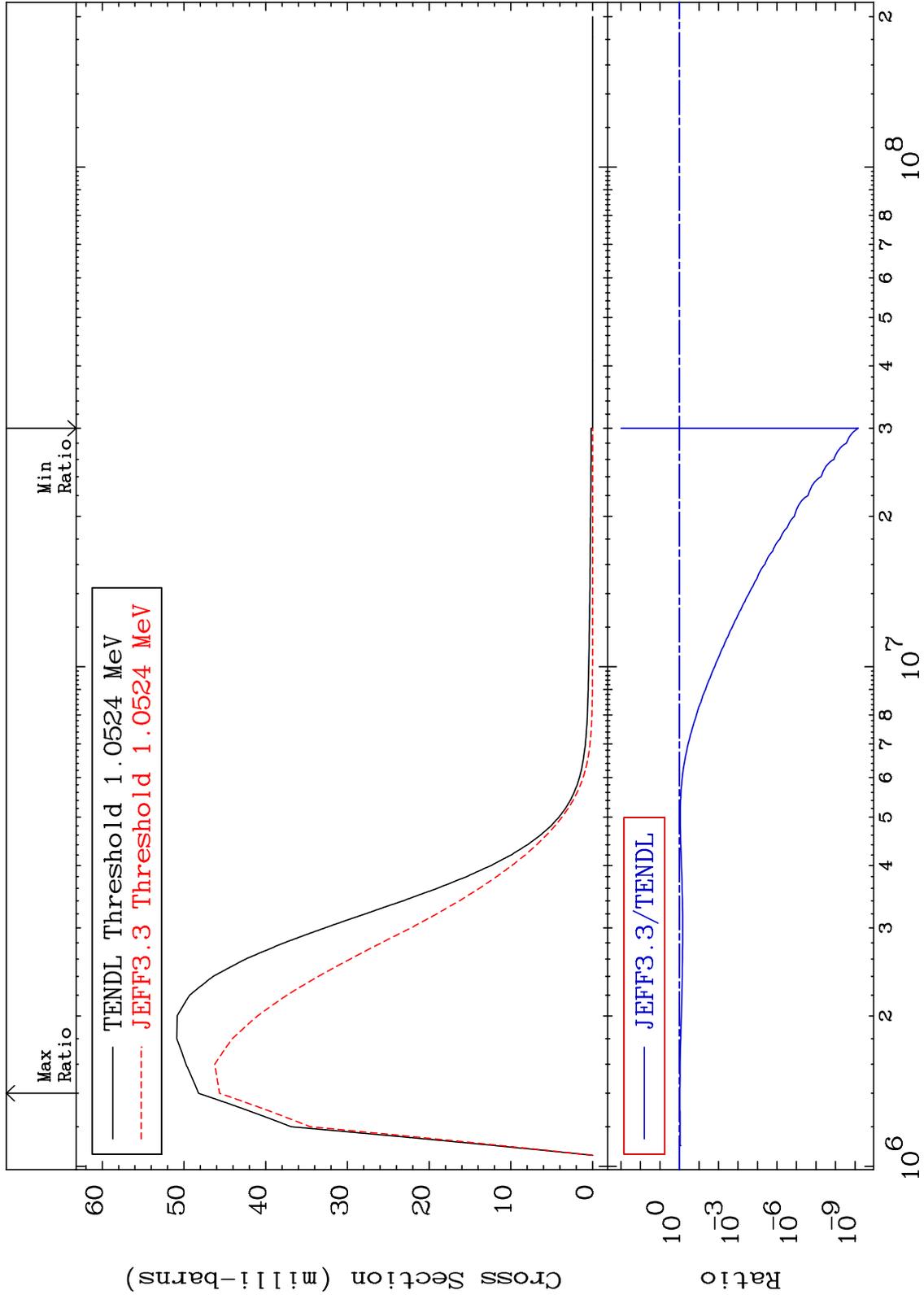
32

53-I -127

MAT 5325

MT= 65 (n,n') Level  
Cross Section

53-I -127  
-100.0 To -5.337%



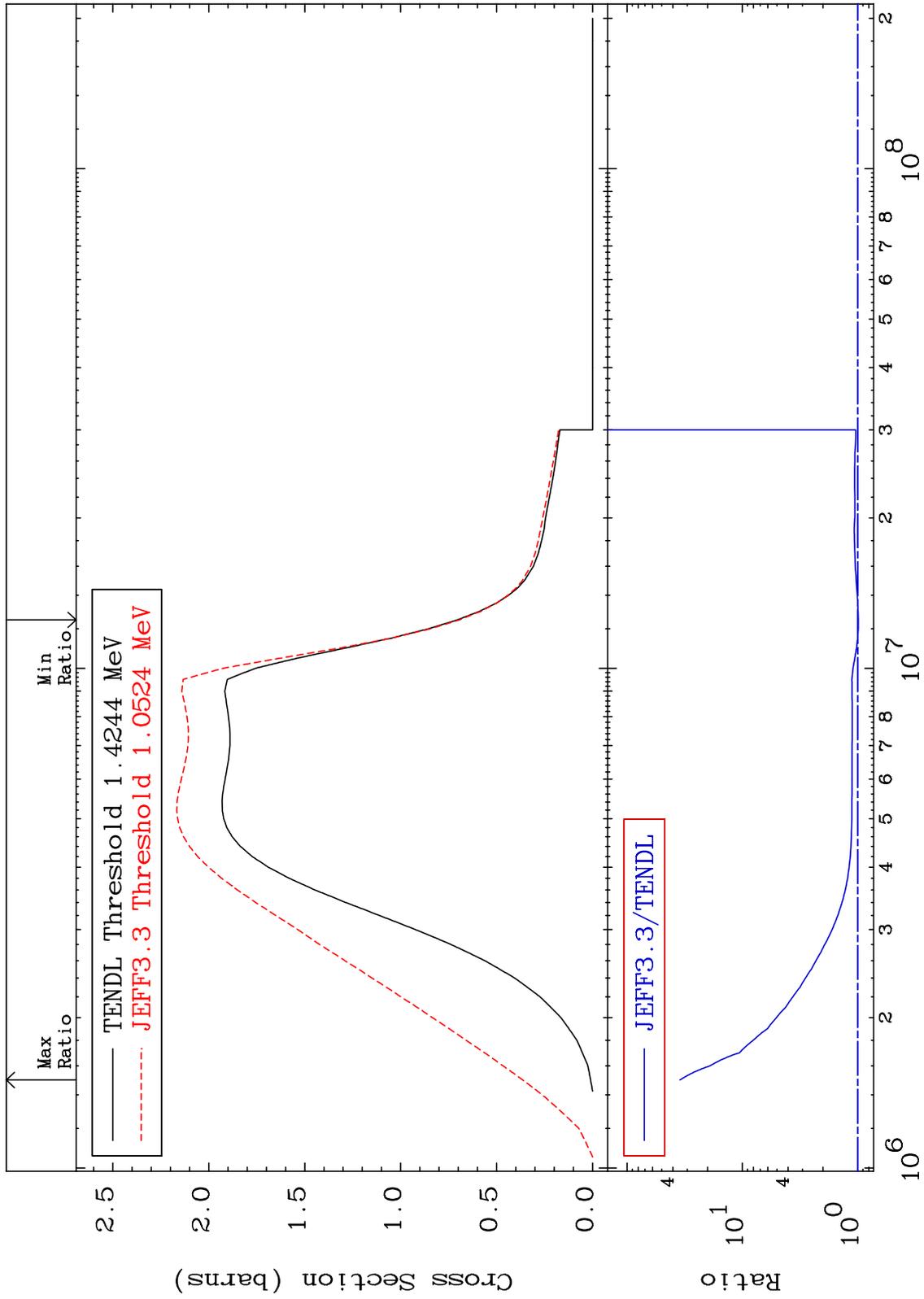
33

53-I -127

MAT 5325

(n, n') Continuum  
Cross Section

53-I -127  
-1.542 To 3374. %



34

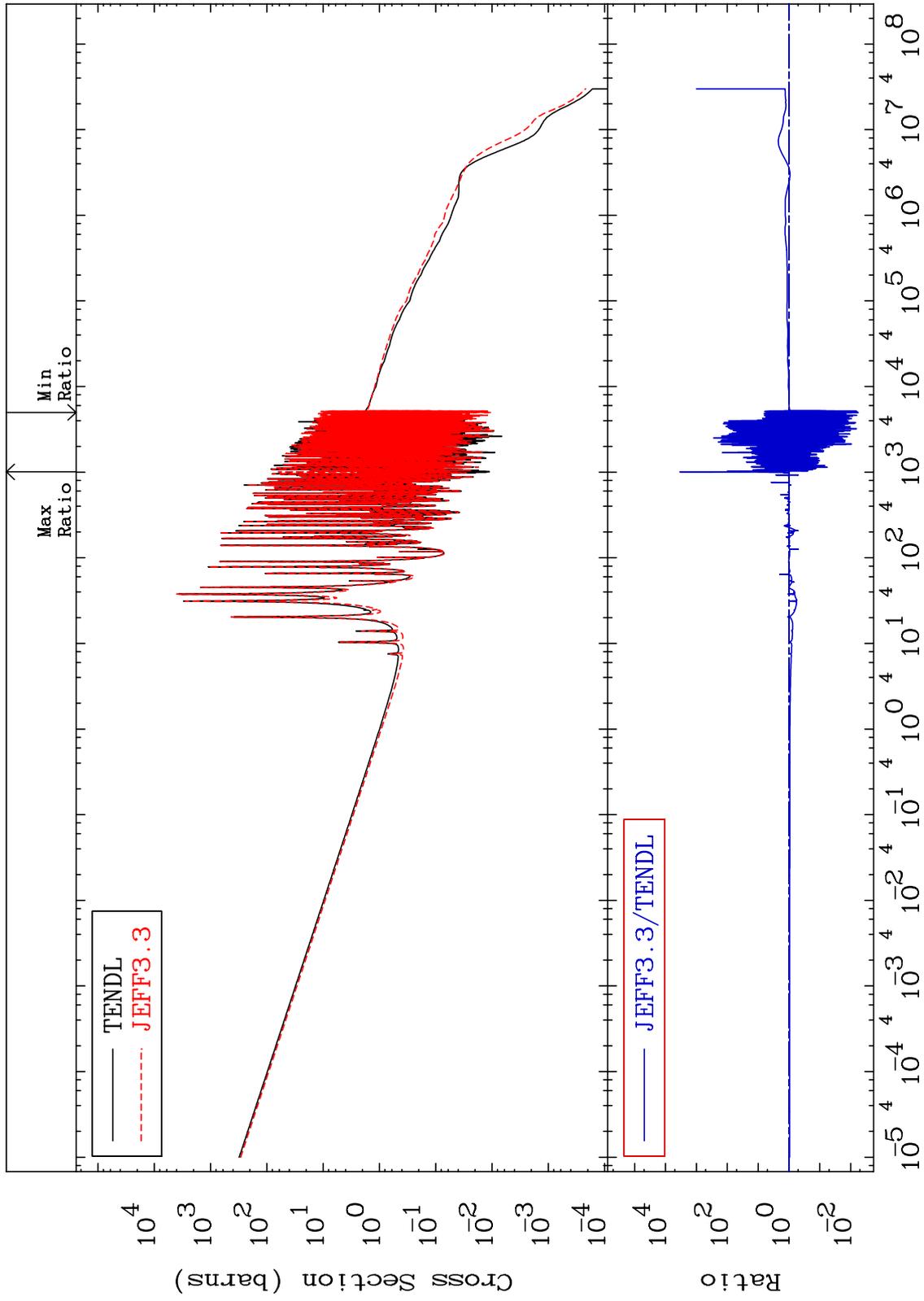
Incident Energy (eV)

53-I -127

MAT 5325

(n,  $\gamma$ )  
Cross Section

53-I -127  
-99.44 To 9999. %



35

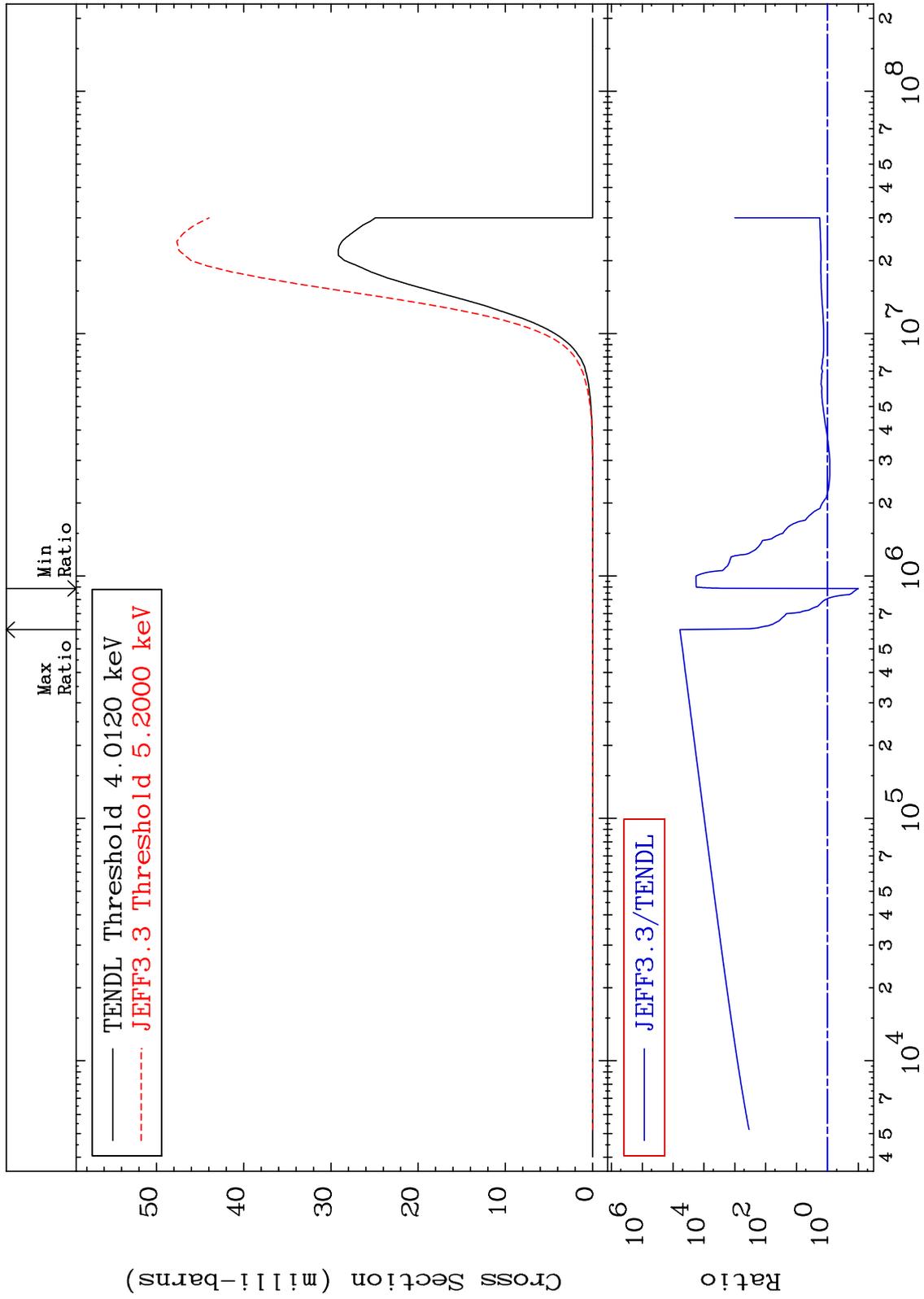
Incident Energy (eV)

53-I -127

MAT 5325

(n, p)  
Cross Section

53-I -127  
-90.10 To 9999. %



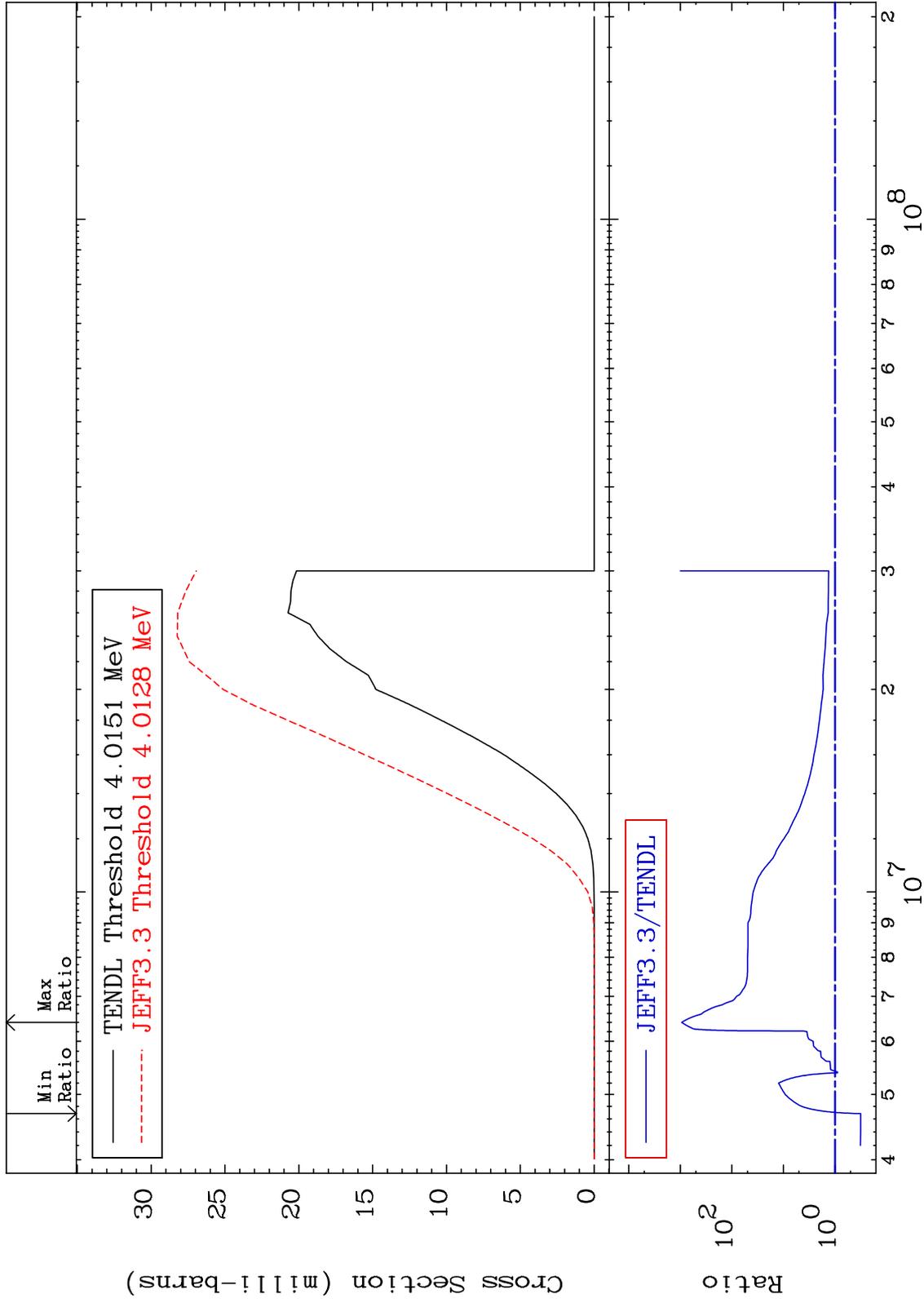
MAT 5325

(n, d)

53-I -127

Cross Section

-68.07 To 9999. %



37

Incident Energy (eV)

53-I -127

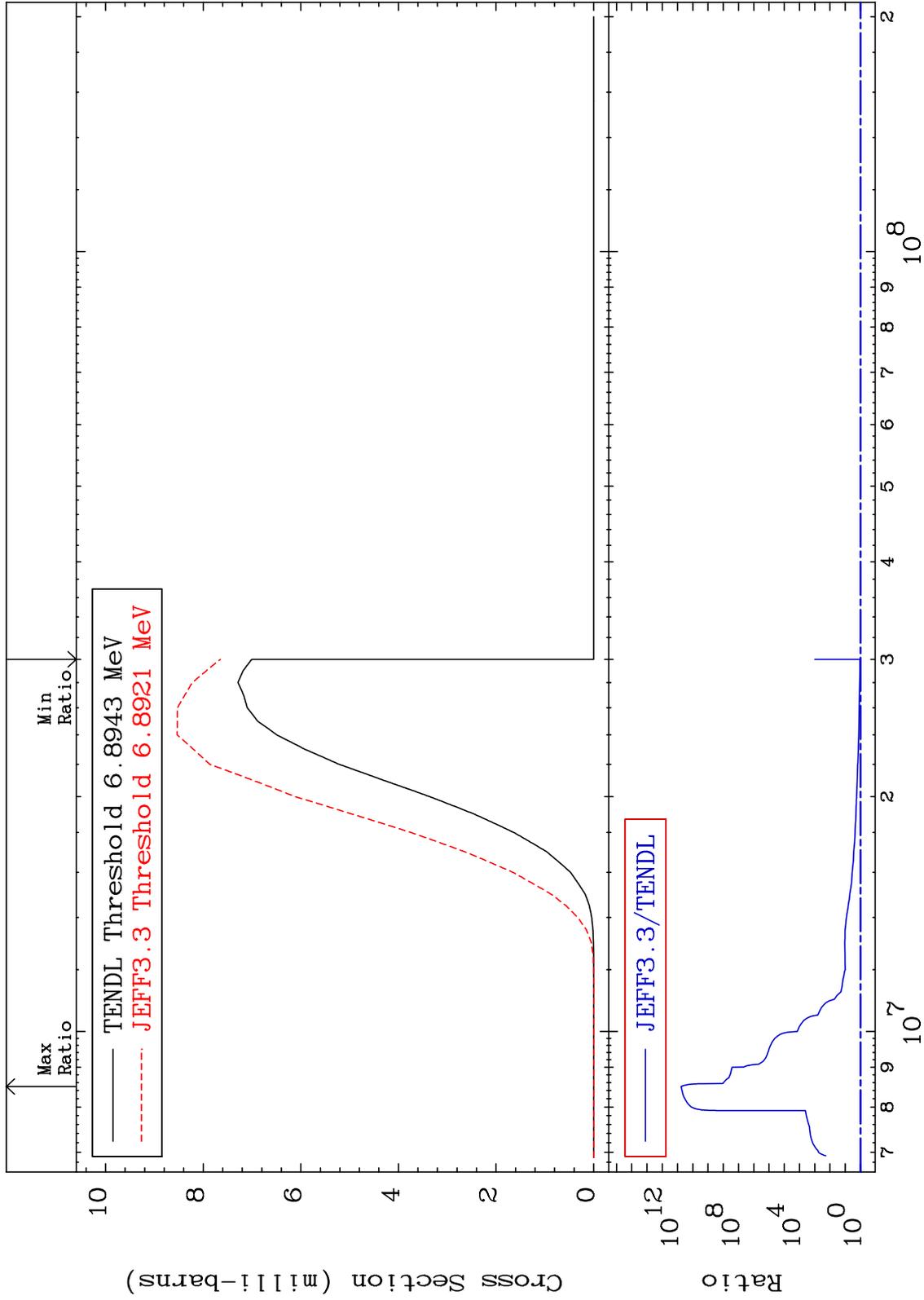
MAT 5325

(n, t)

53-I -127

9.193 To 9999. %

Cross Section



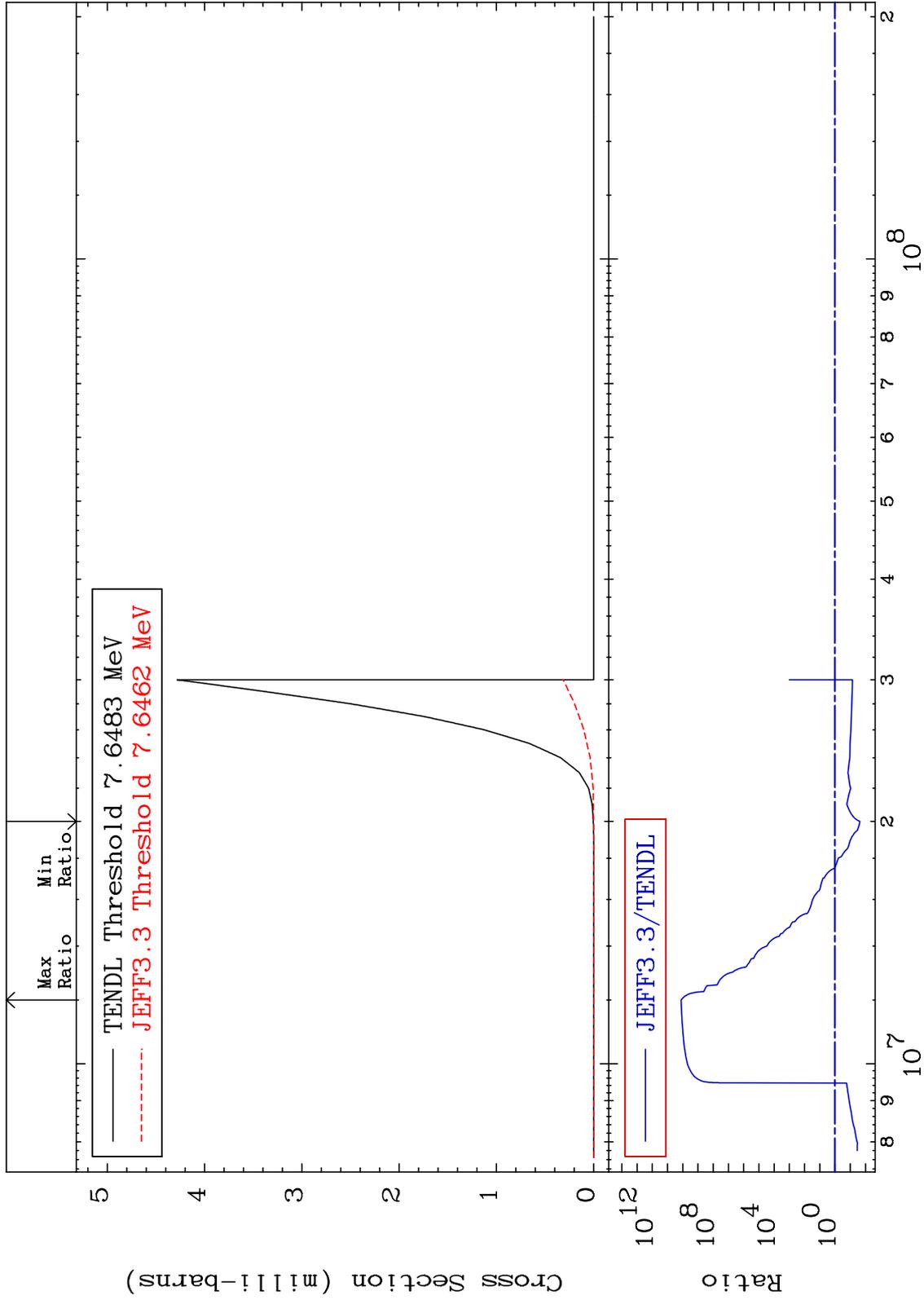
MAT 5325

(n, He-3)

53-I -127

Cross Section

-97.67 To 9999. %



39

Incident Energy (eV)

53-I -127

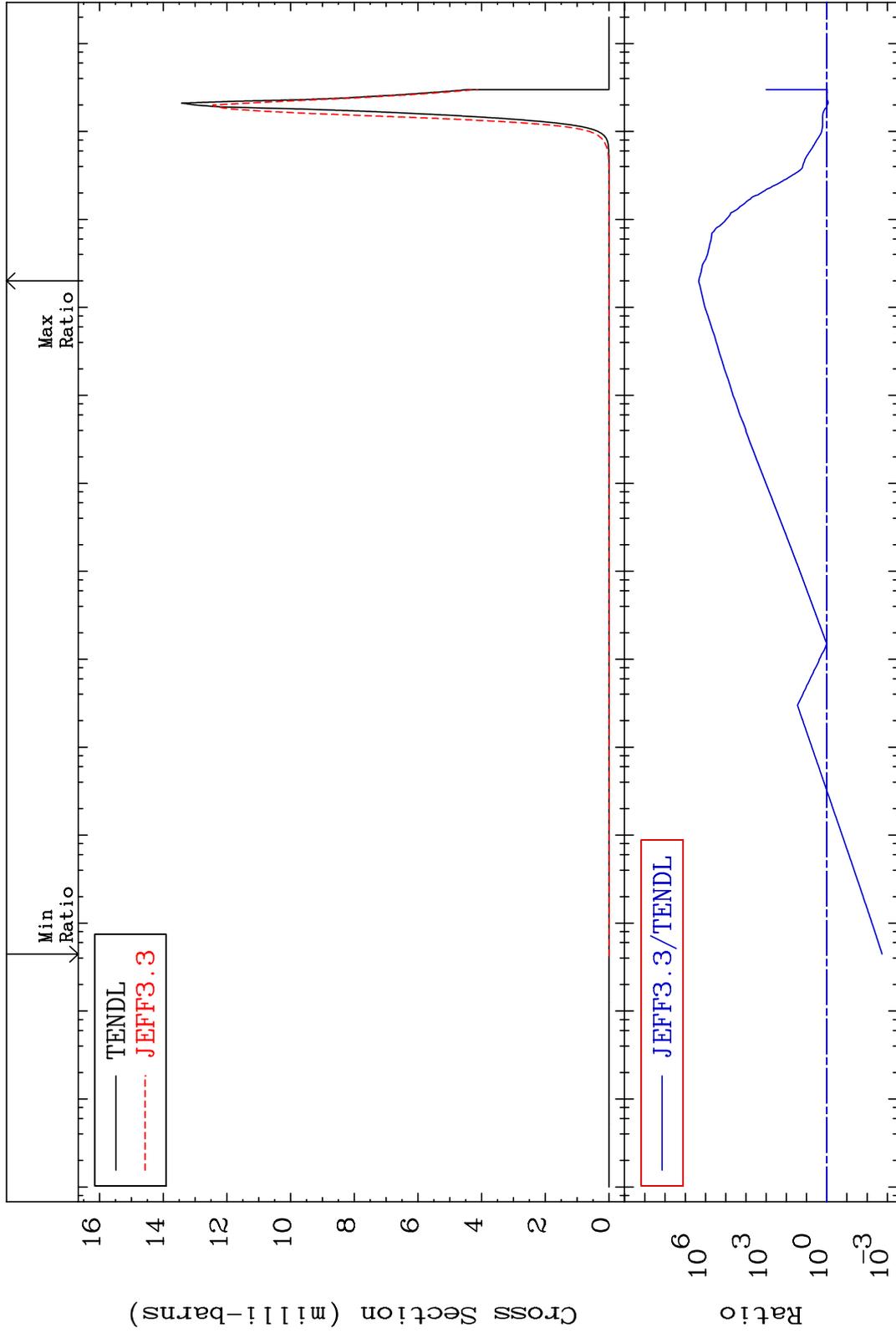
MAT 5325

(n,  $\alpha$ )

53-I -127

Cross Section

-99.82 To 9999. %



Incident Energy (eV)

53-I -127

40

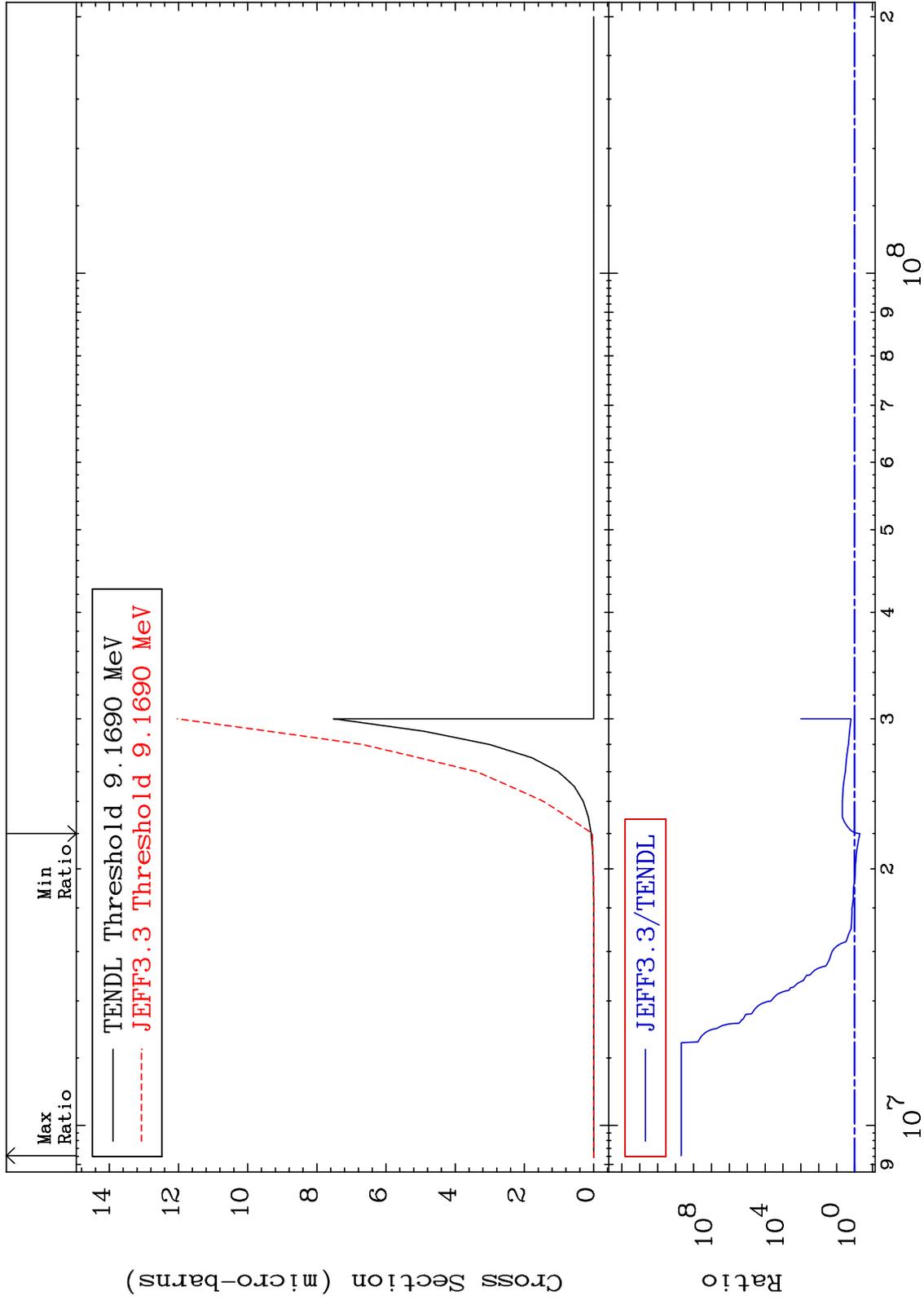
MAT 5325

(n,2p)

53-I -127

Cross Section

-49.15 To 9999. %



41

Incident Energy (eV)

53-I -127

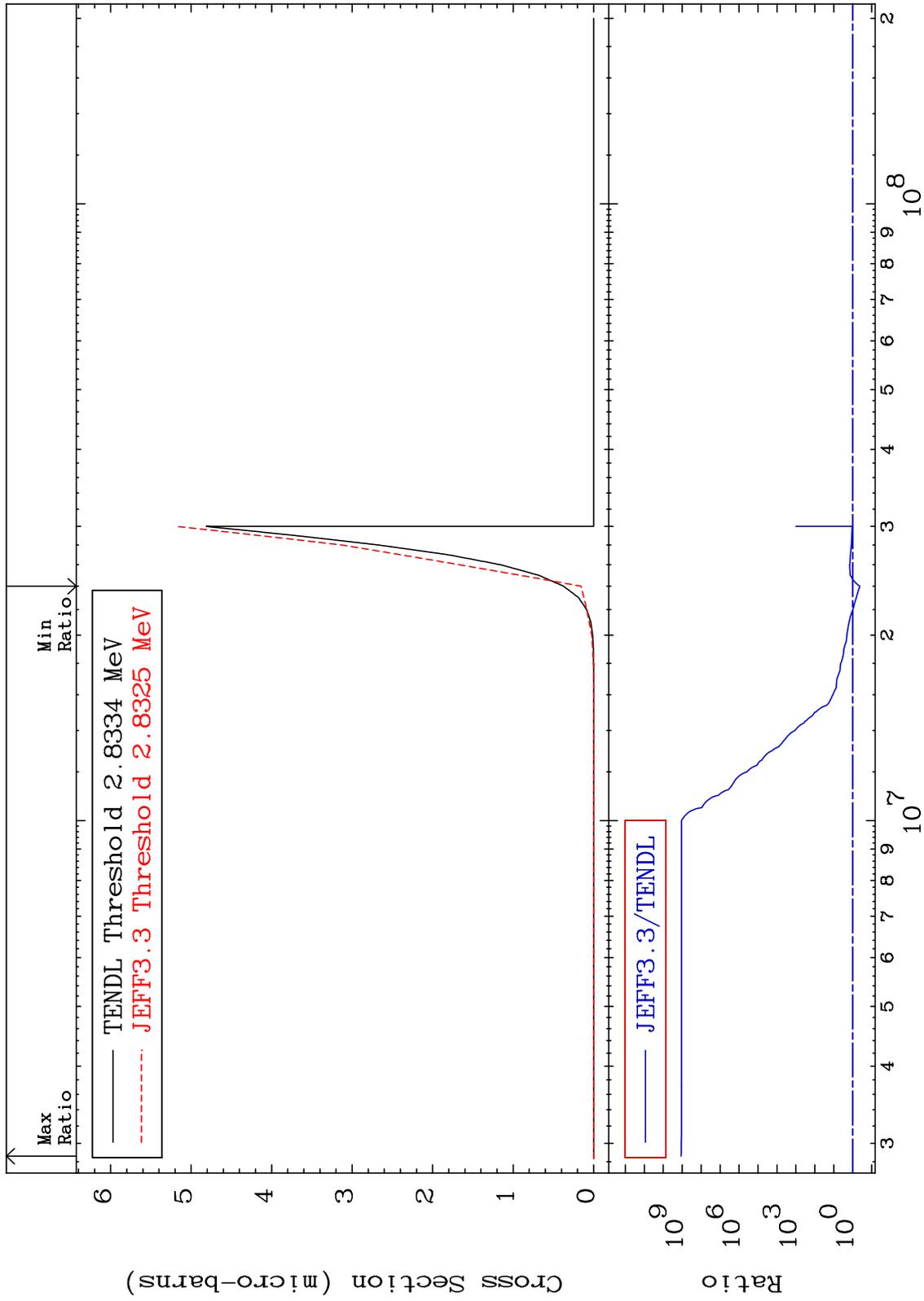
MAT 5325

(n,p)  $\alpha$

53-I -127

Cross Section

-58.19 To 9999. %



42

Incident Energy (eV)

53-I -127



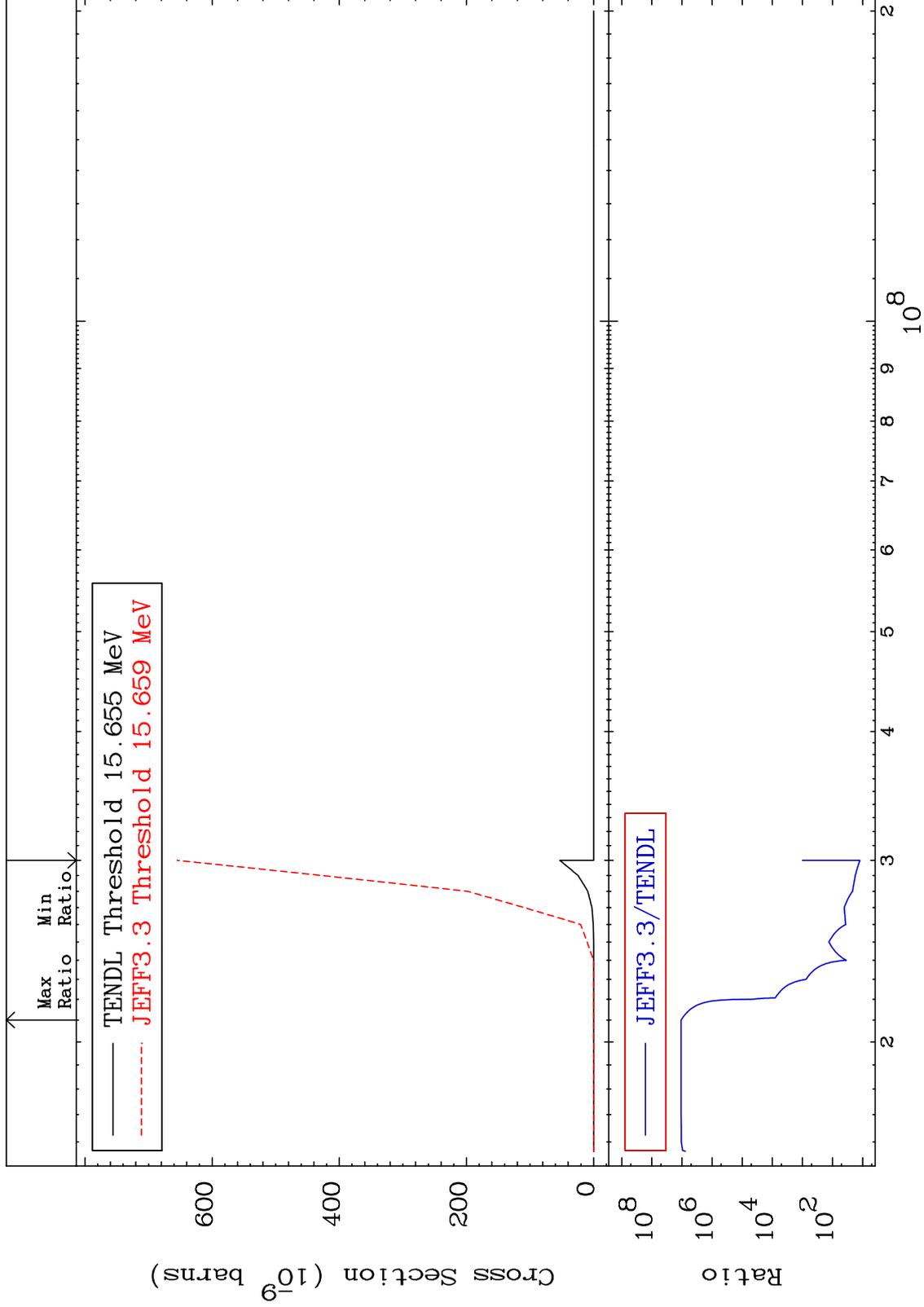
MAT 5325

(n,p) t

53-I -127

Cross Section

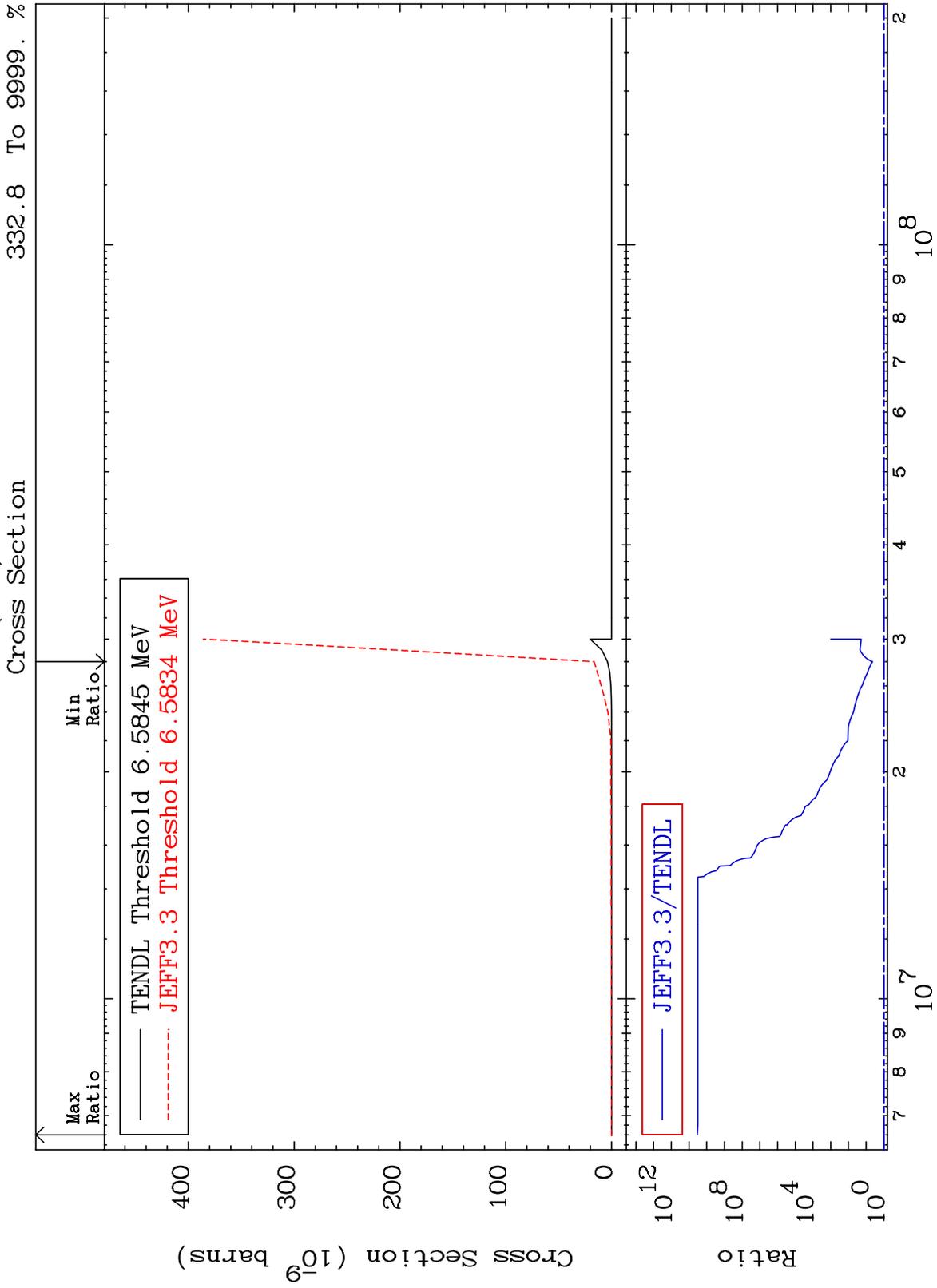
1130. To 9999. %



MAT 5325

(n,d)  $\alpha$

53-I -127  
332.8 To 9999. %



45

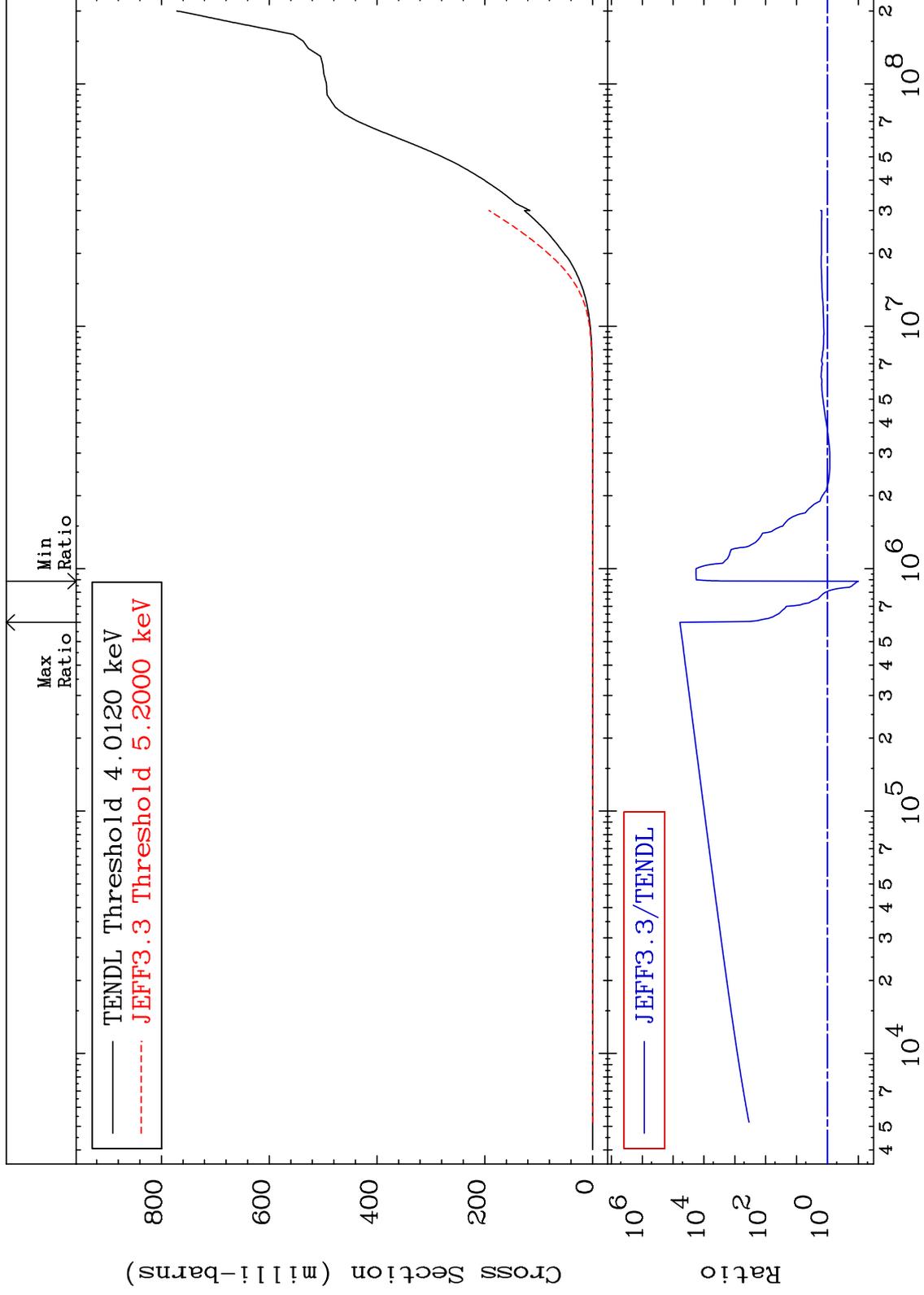
Incident Energy (eV)

53-I -127

MAT 5325

Hydrogen Production  
Cross Section

53-I -127  
-90.10 To 9999. %



46

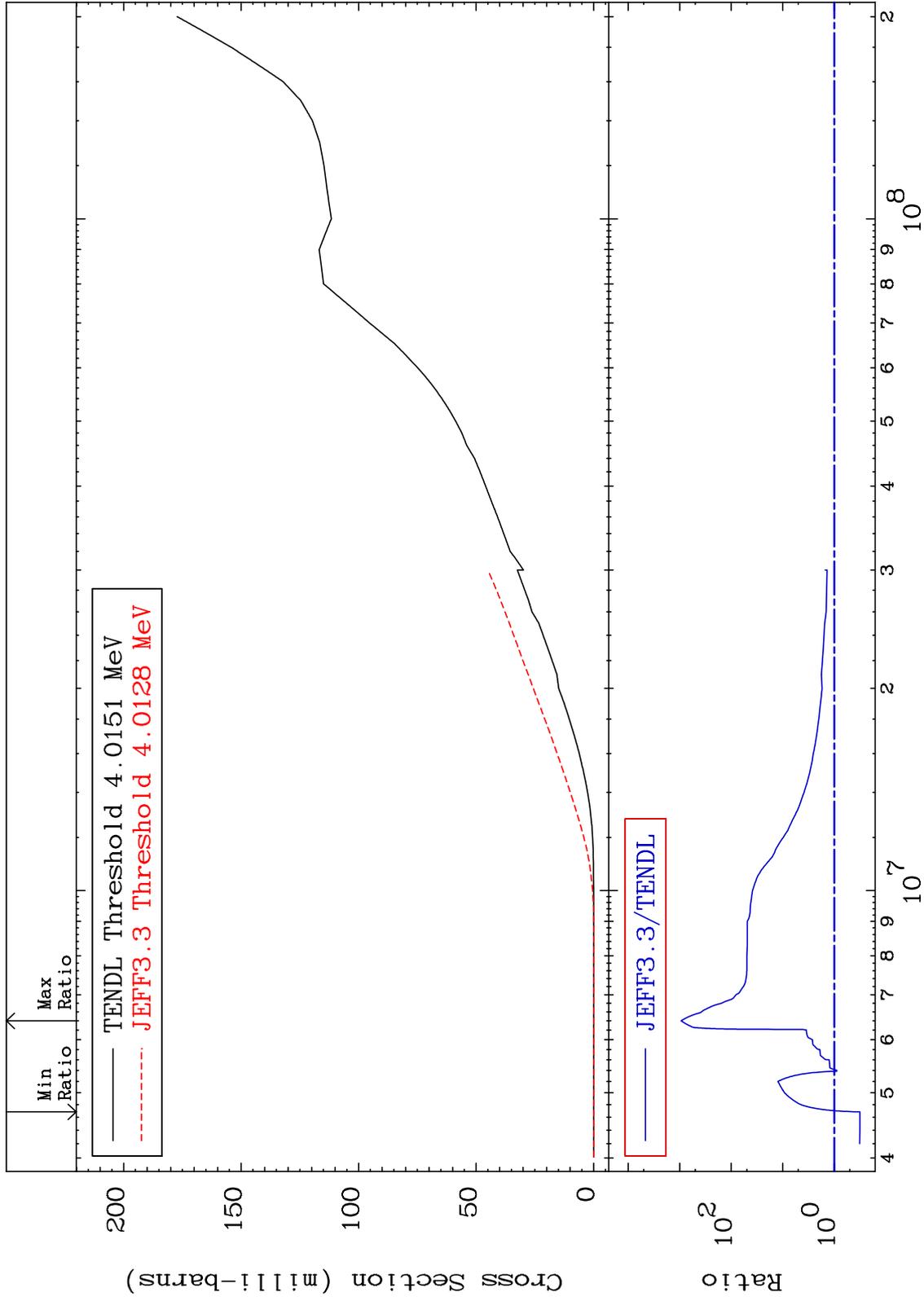
Incident Energy (eV)

53-I -127

MAT 5325

Deuterium Production  
Cross Section

53-I -127  
-68.07 To 9999. %



47

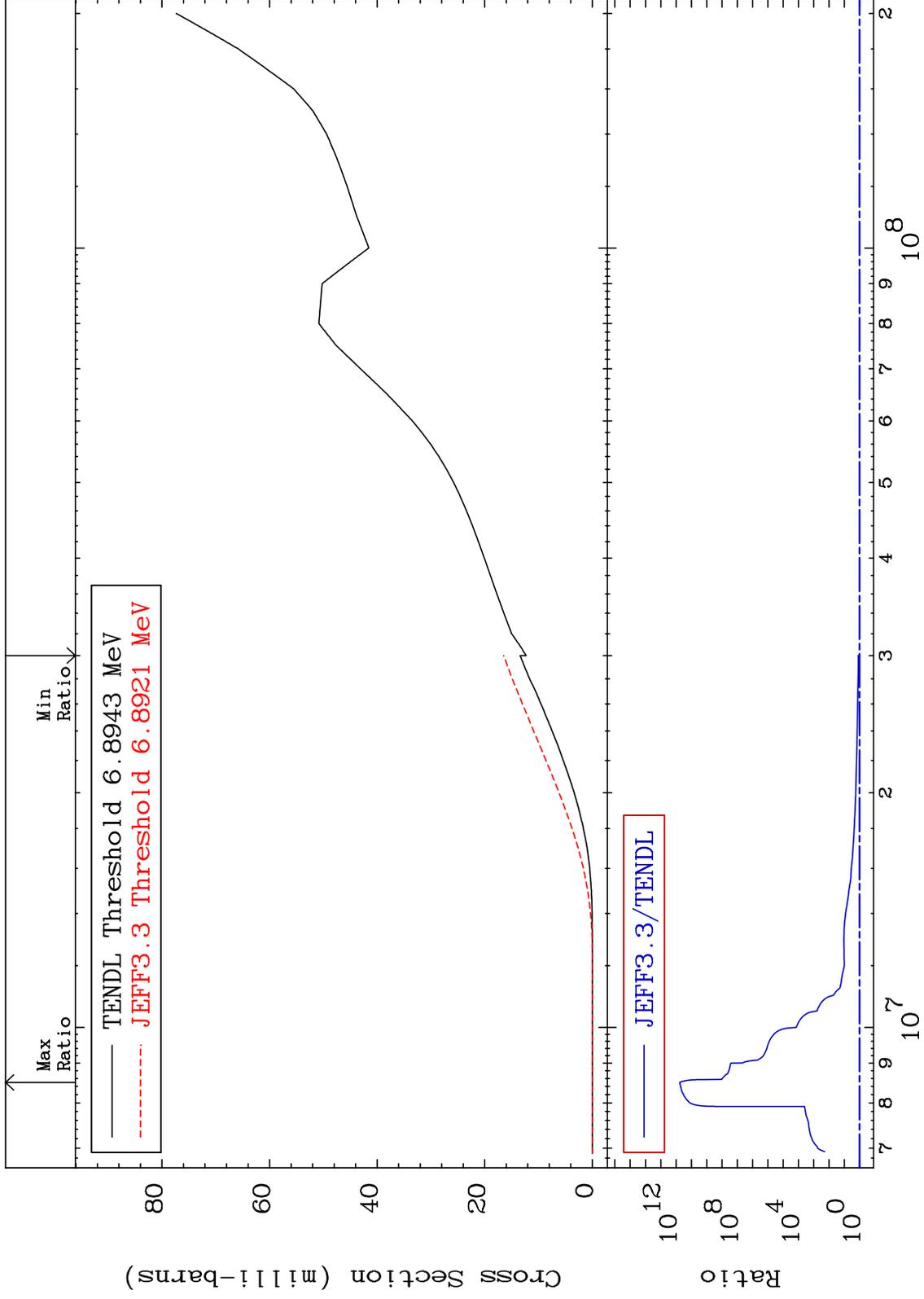
Incident Energy (eV)

53-I -127

MAT 5325

Tritium Production  
Cross Section

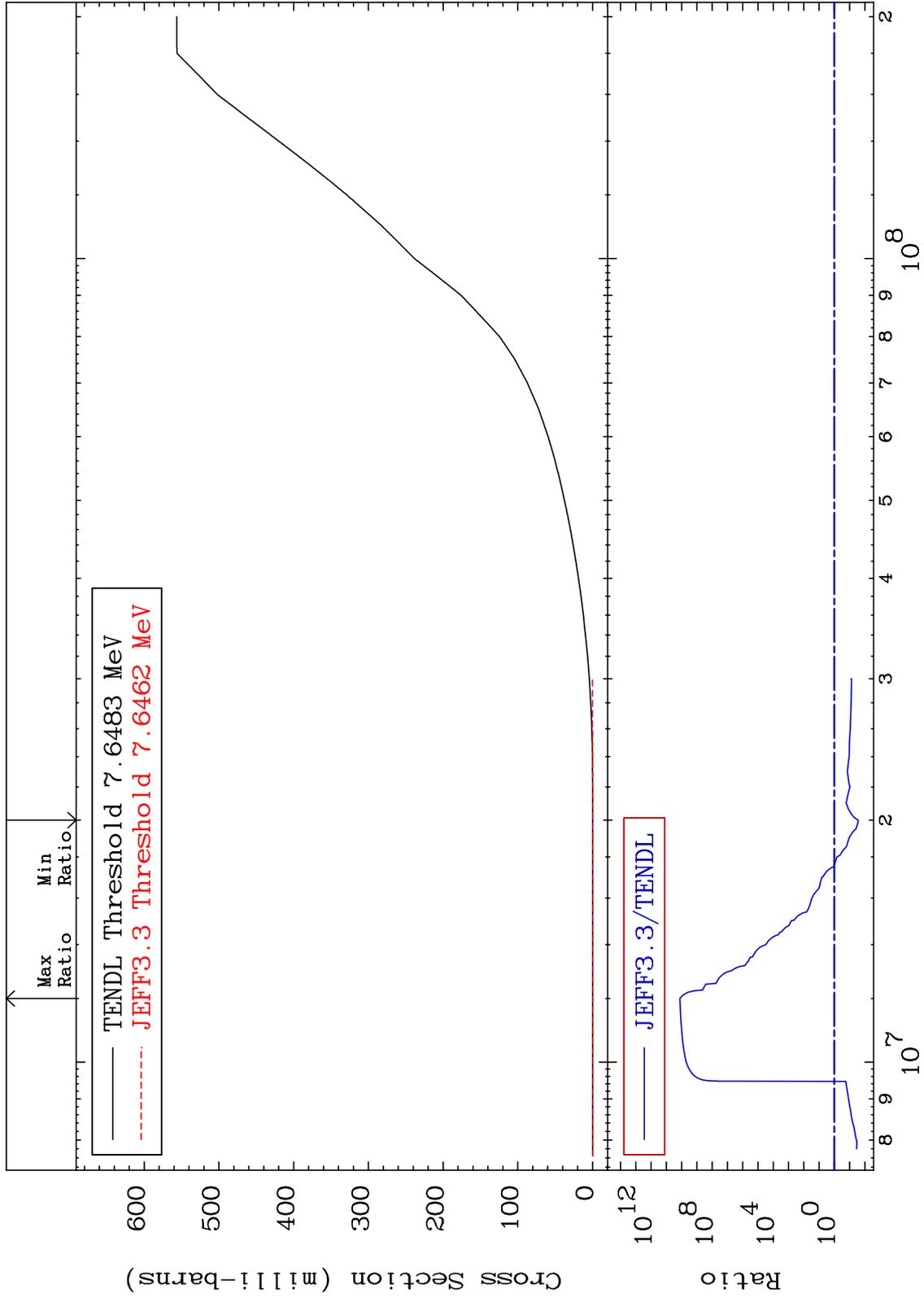
53-I -127  
22.66 To 9999. %



48

Incident Energy (eV)

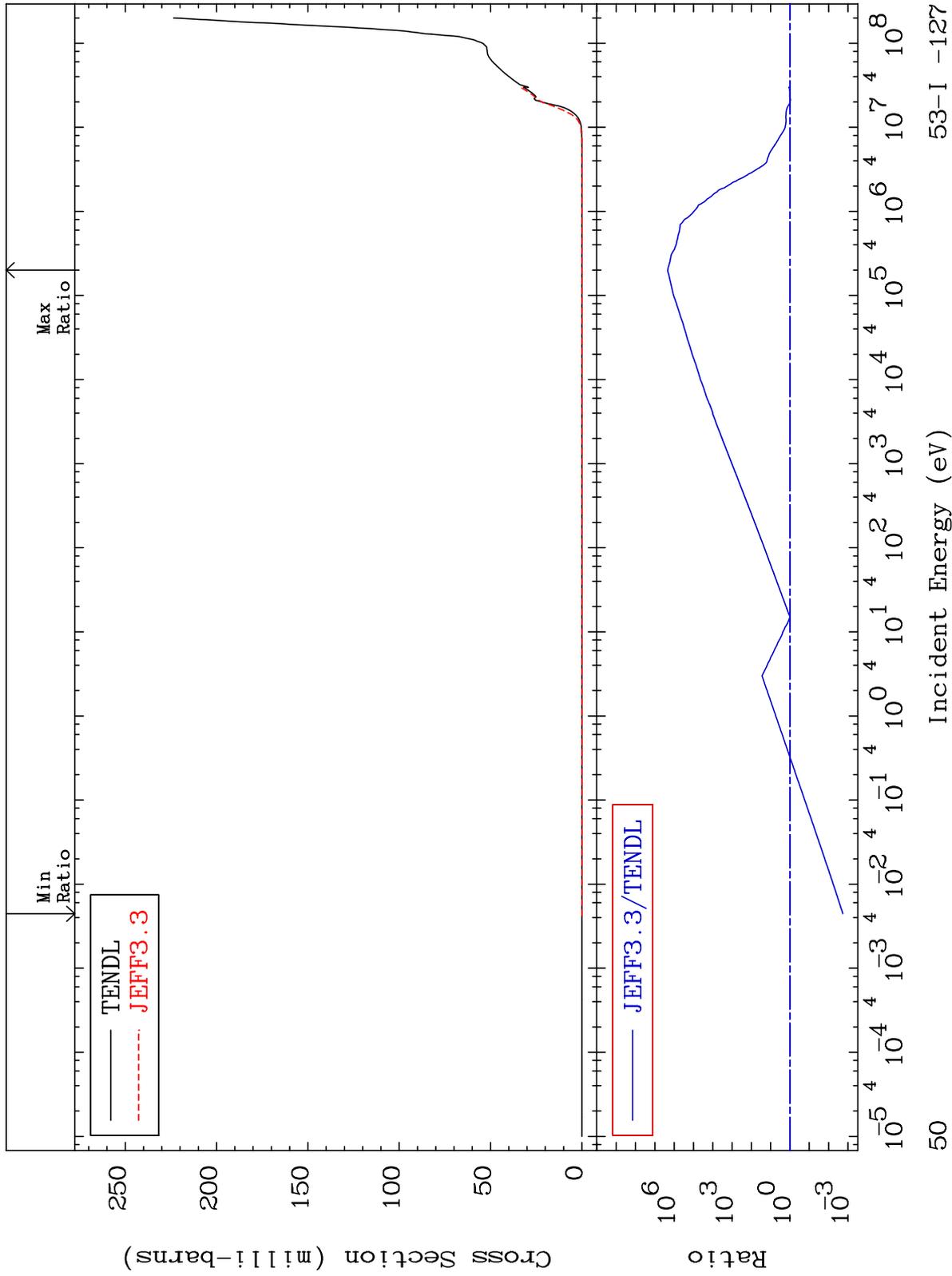
53-I -127



MAT 5325

He-4 Production  
Cross Section

53-I -127  
-99.82 To 9999. %



50

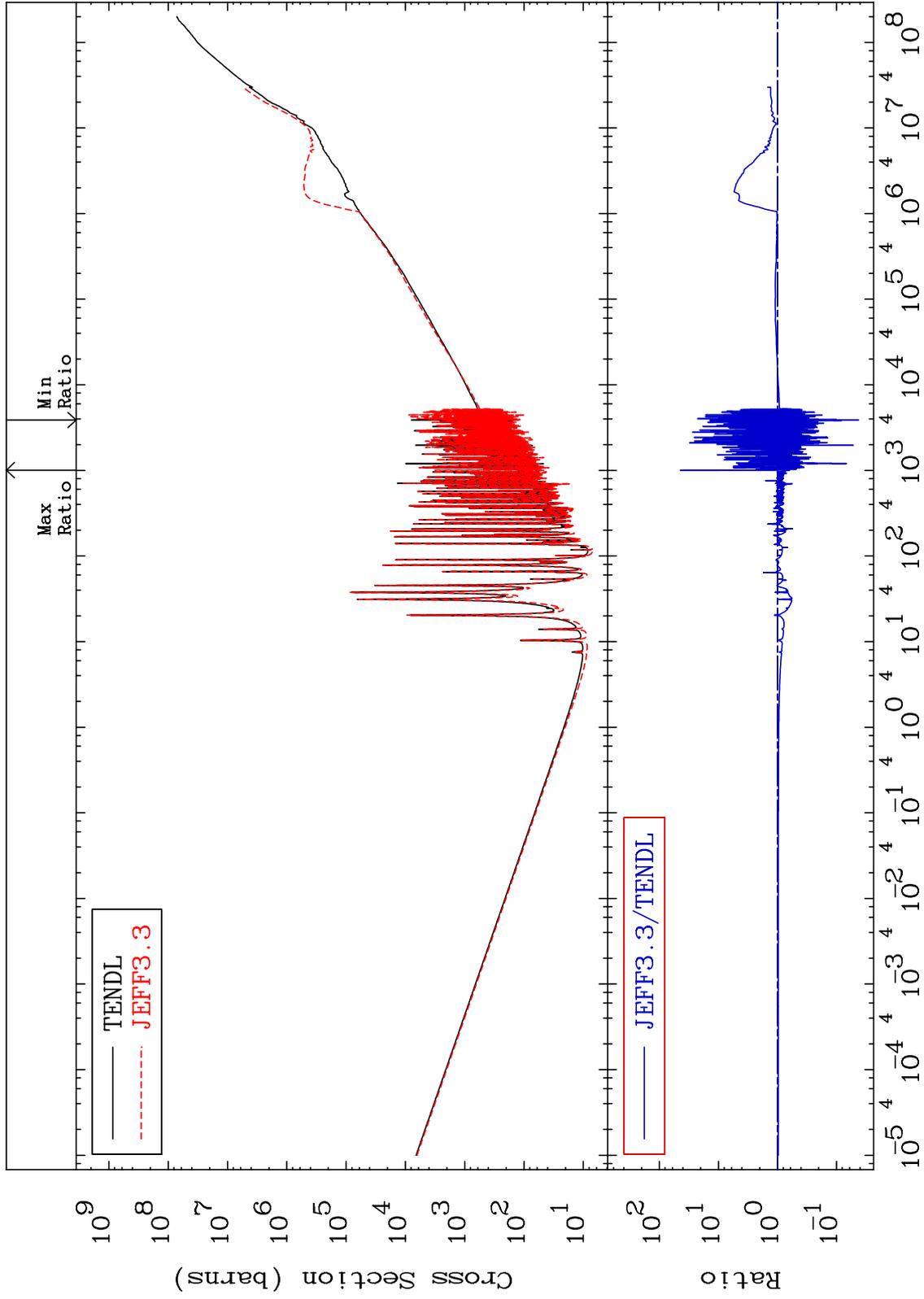
Incident Energy (eV)

53-I -127

MAT 5325

Kerma total (eV-barns)  
Cross Section

53-I -127  
-95.74 To 4391. %



51

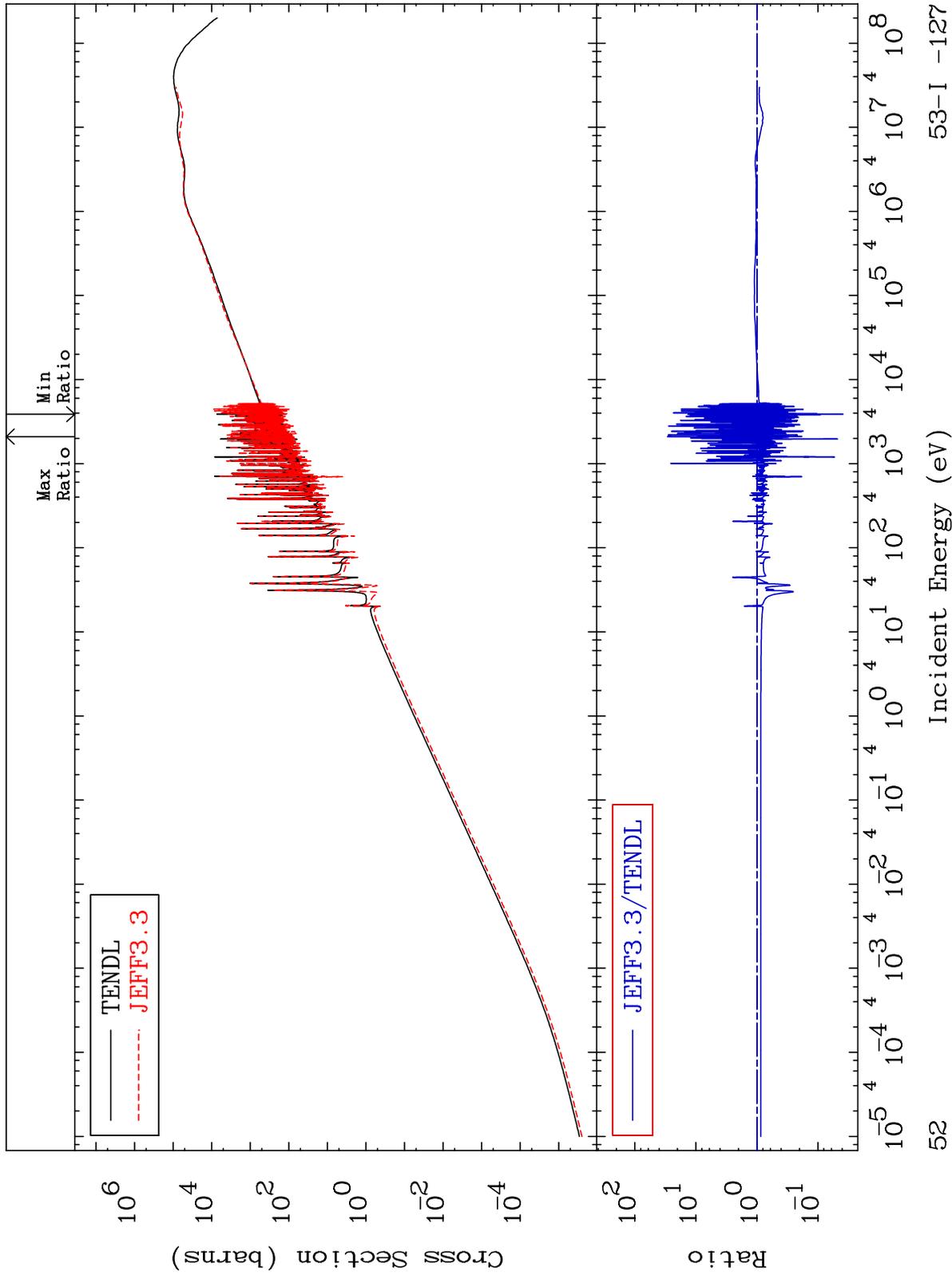
Incident Energy (eV)

53-I -127

MAT 5325

Kerma elastic  
Cross Section

53-I -127  
-96.09 To 2801. %



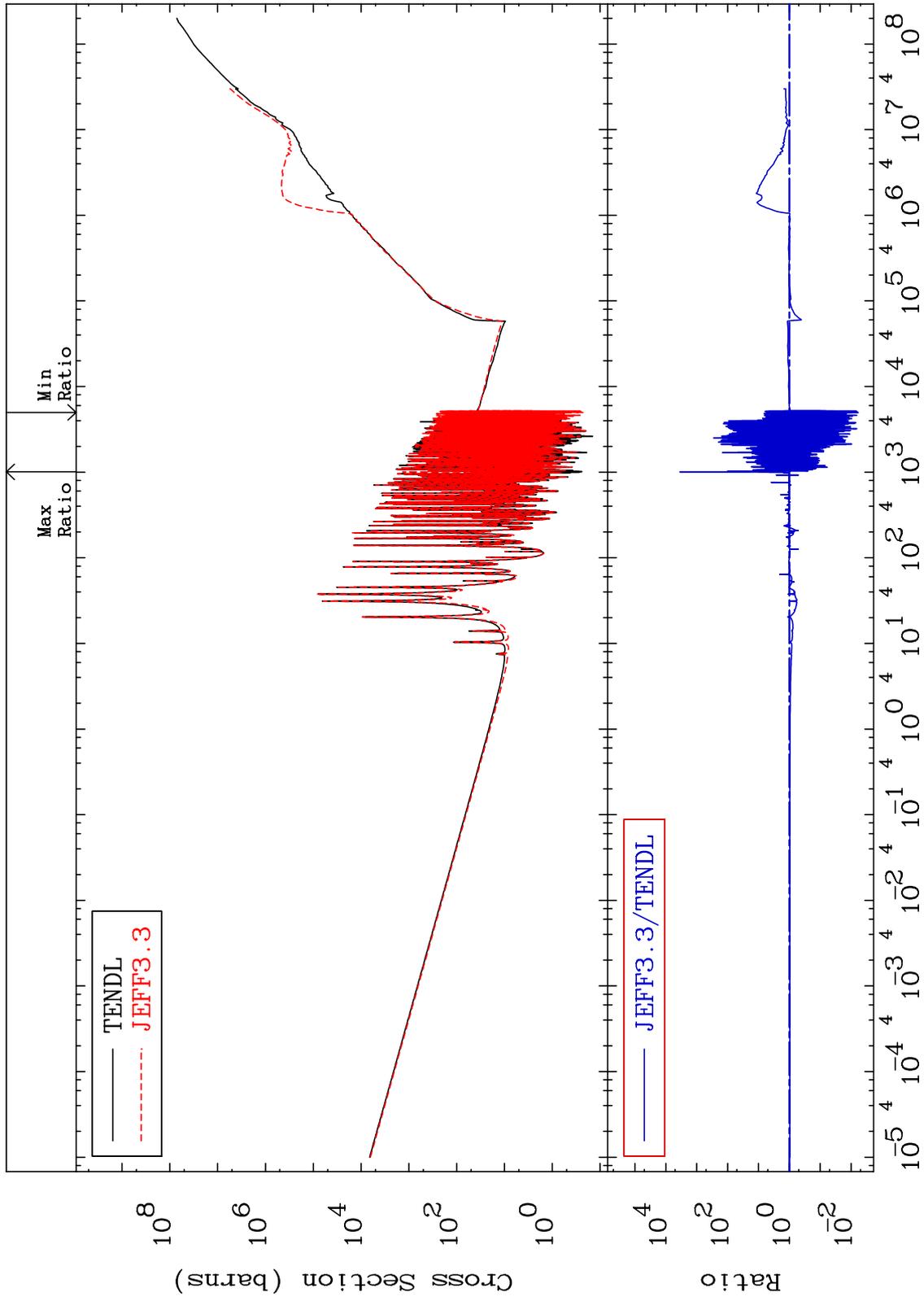
52

53-I -127

MAT 5325

Kerma non-elastic (all but mt2)  
Cross Section

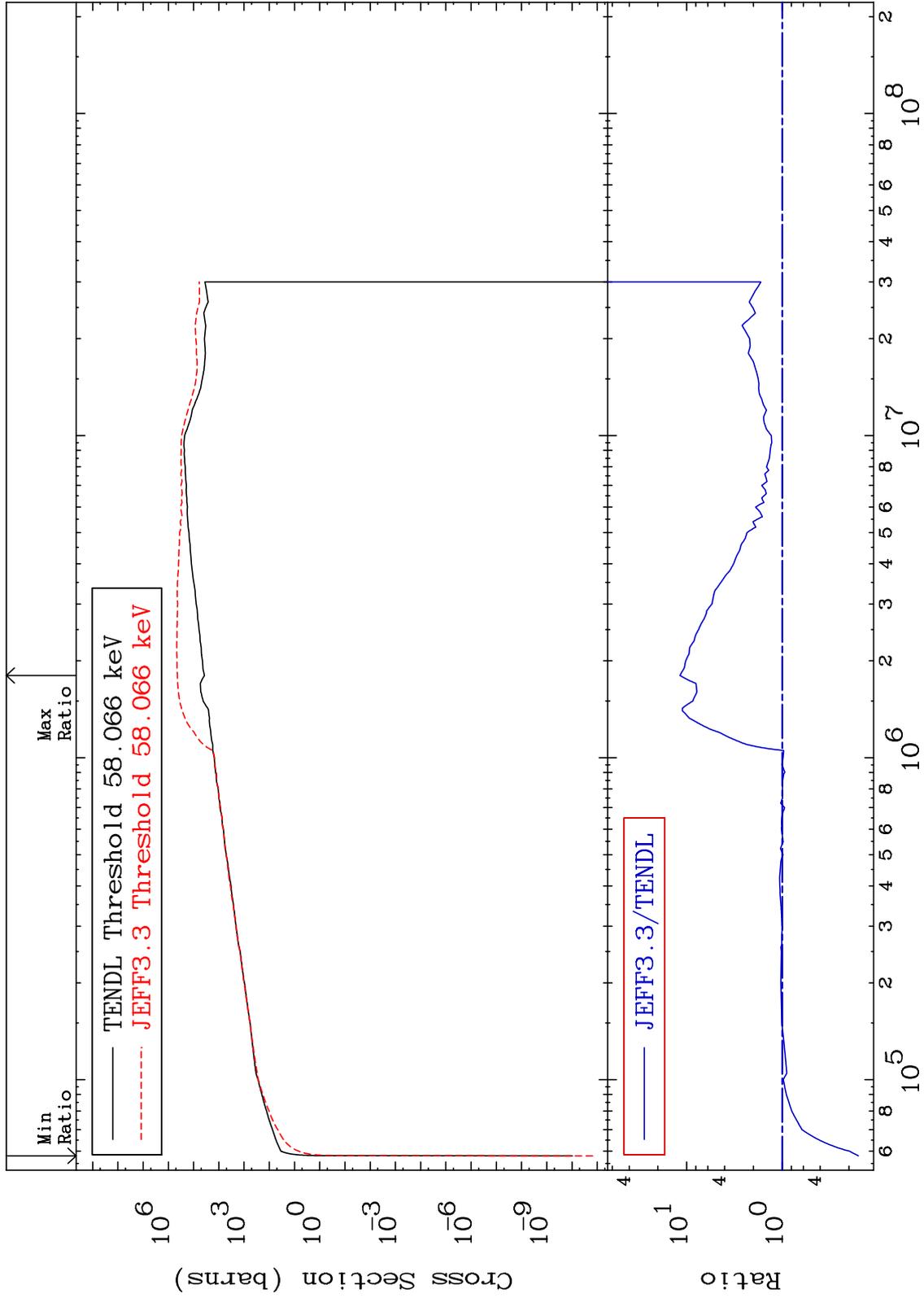
53-I -127  
-99.42 To 9999. %



53

Incident Energy (eV)

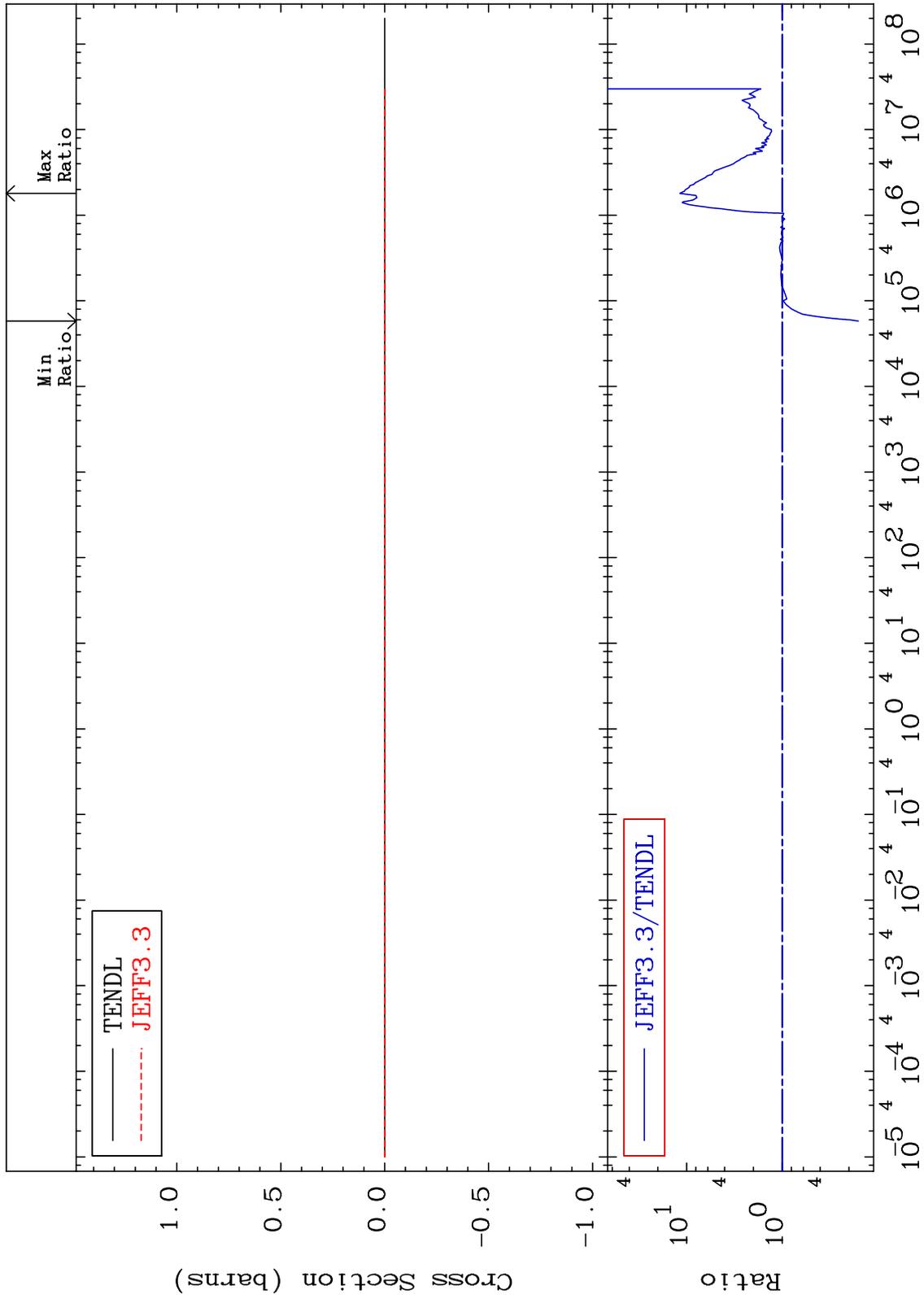
53-I -127



MAT 5325

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

53-I -127  
-84.10 To 1076. %



55

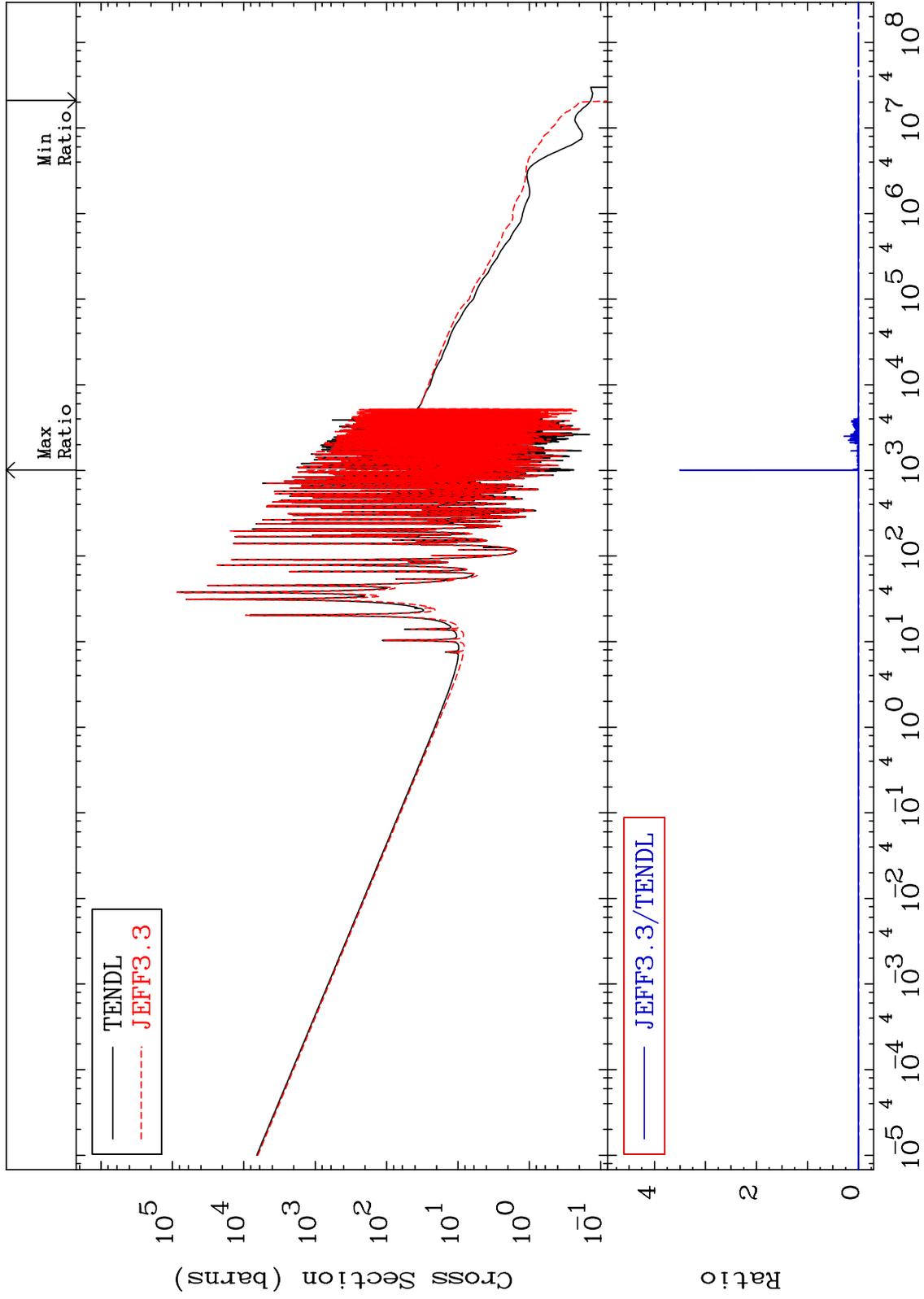
Incident Energy (eV)

53-I -127

MAT 5325

Kerma capture (mt102)  
Cross Section

53-I -127  
-100.0 To 9999. %



56

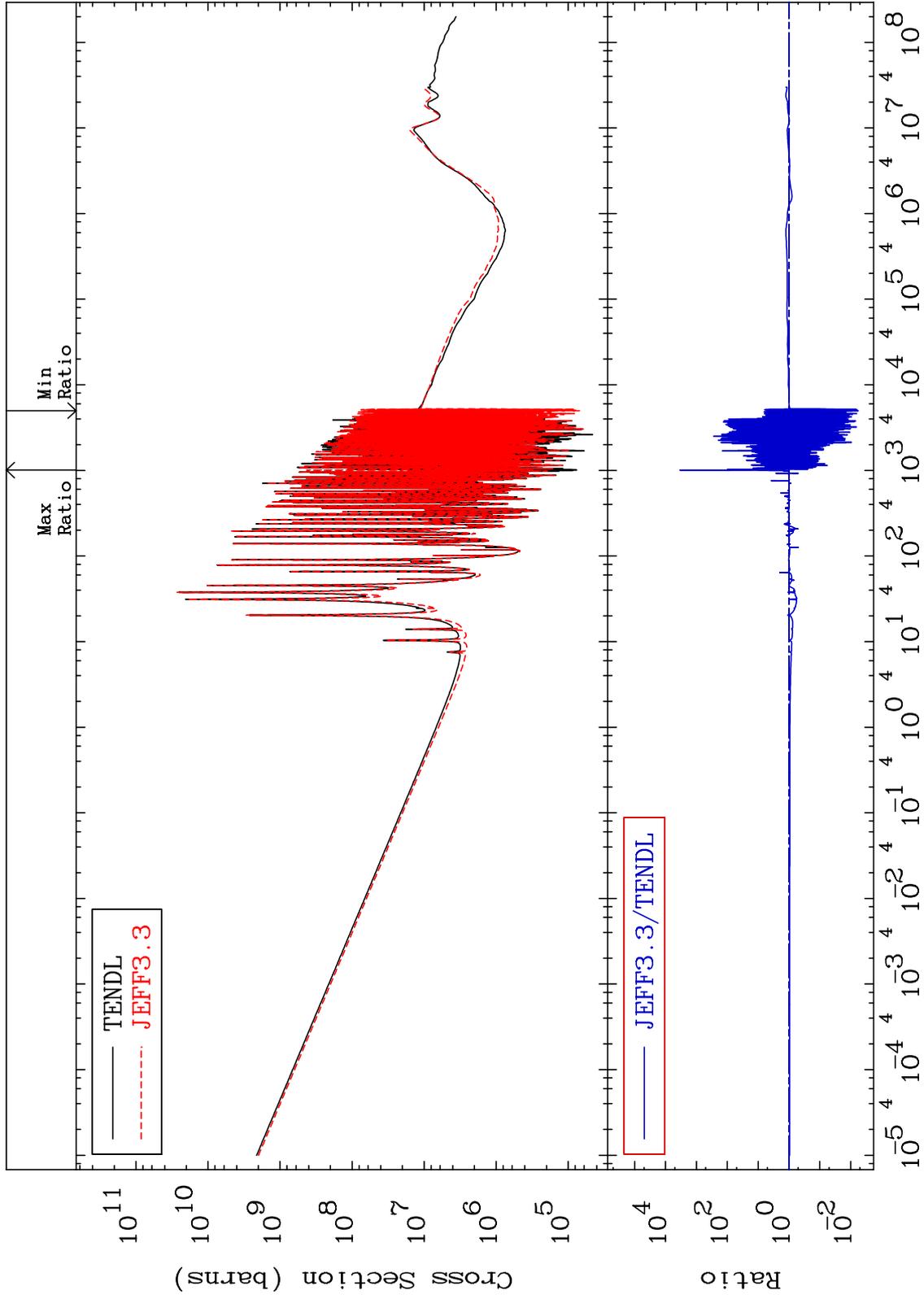
Incident Energy (eV)

53-I -127

MAT 5325

Total photon (eV-barns)  
Cross Section

53-I -127  
-99.44 To 9999. %



57

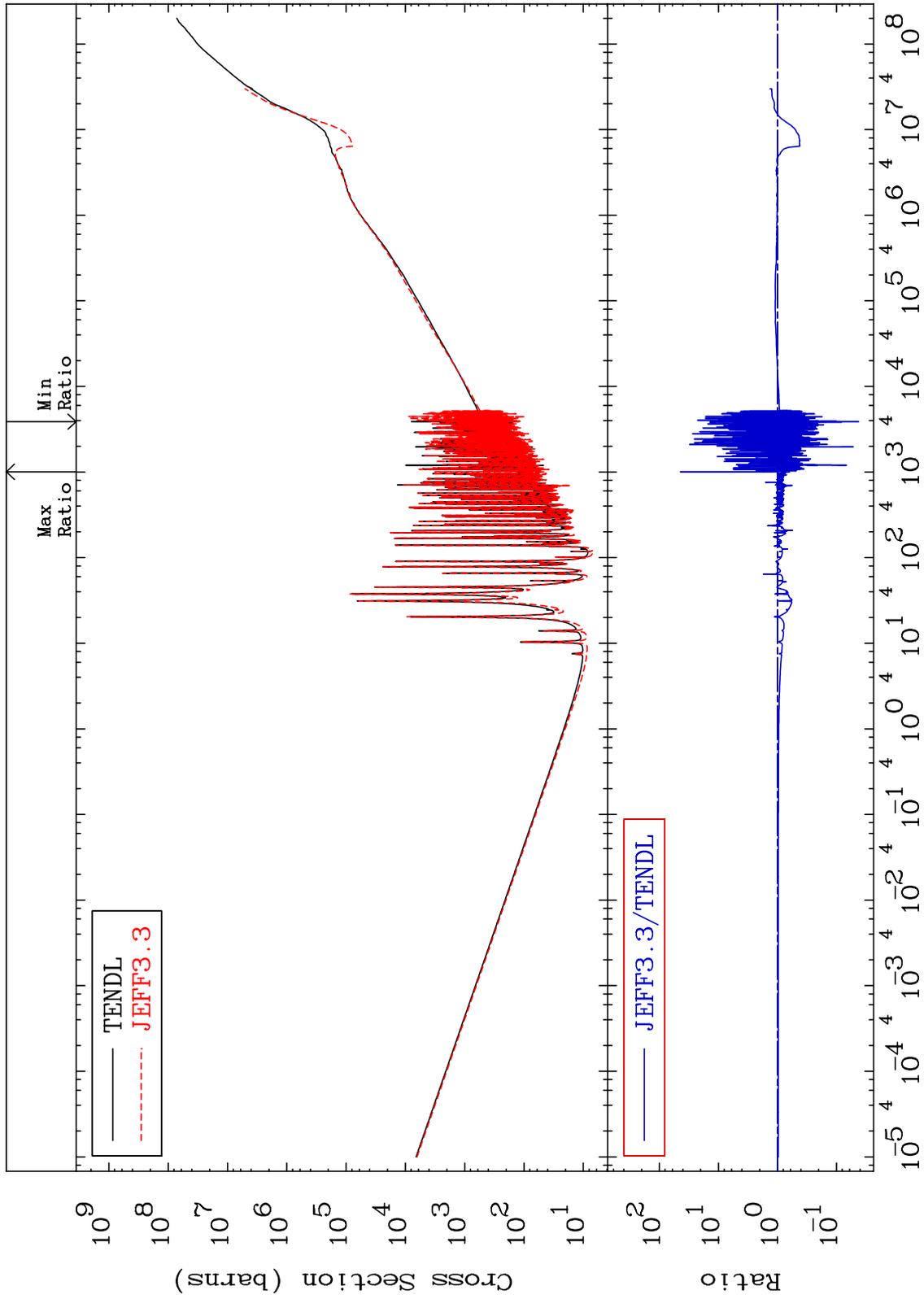
Incident Energy (eV)

53-I -127

MAT 5325

Total kinematic kerma (high limit)  
Cross Section

53-I -127  
-95.74 To 4391. %



58

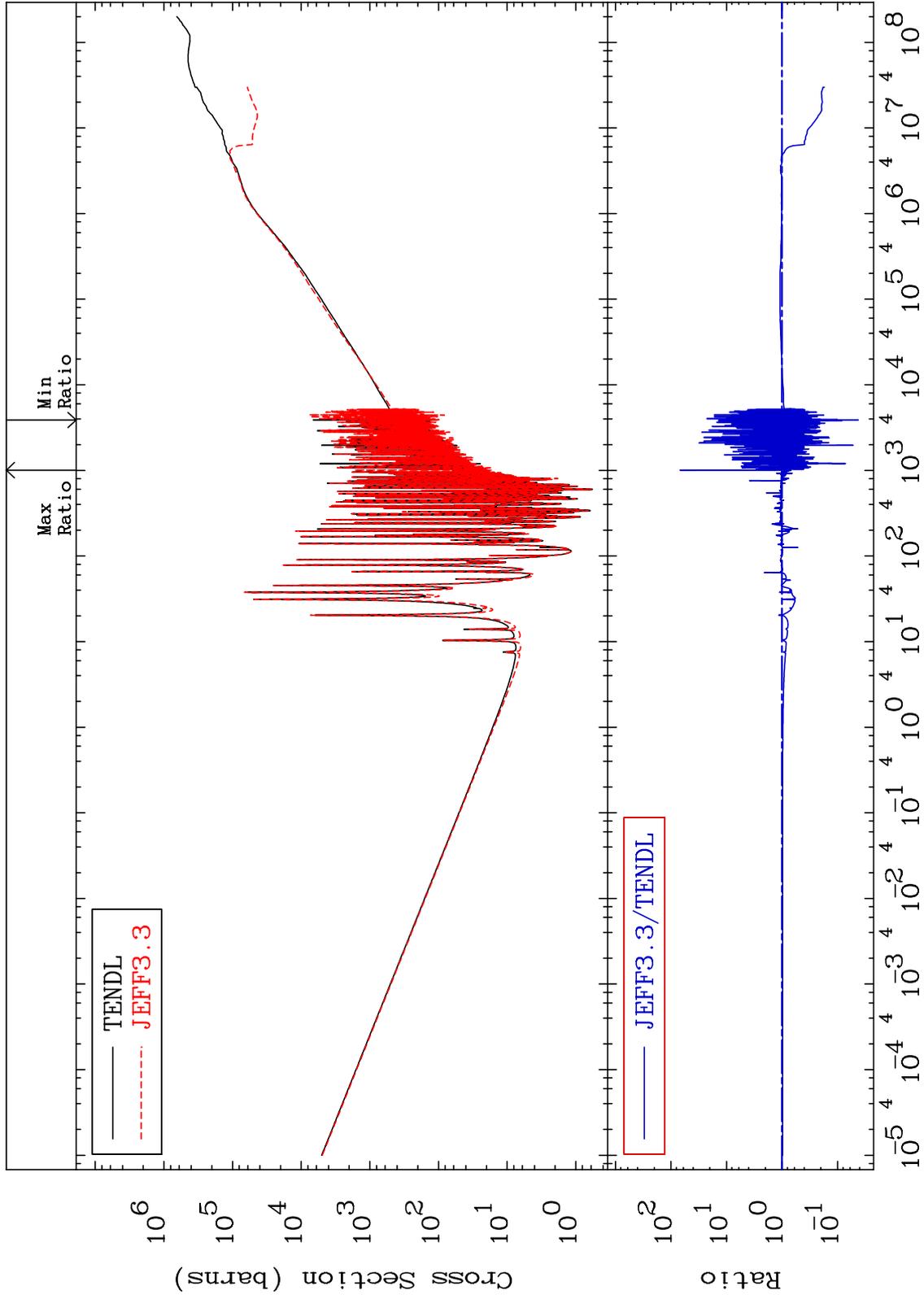
Incident Energy (eV)

53-I -127

MAT 5325

Dpa total (eV-barns)  
Cross Section

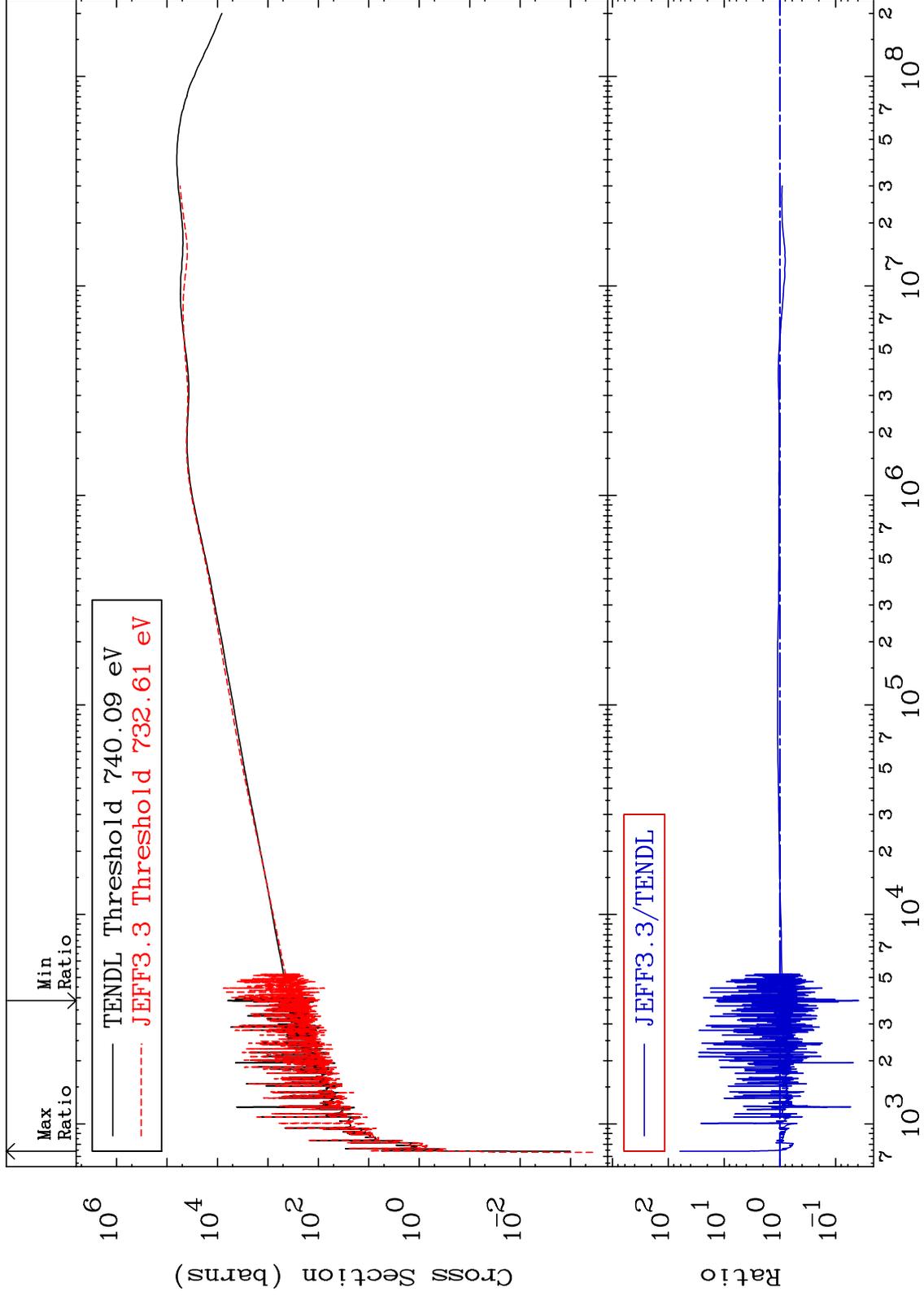
53-I -127  
-95.77 To 6794. %



MAT 5325

Dpa elastic (mt2)  
Cross Section

53-I -127  
-96.10 To 6080. %



60

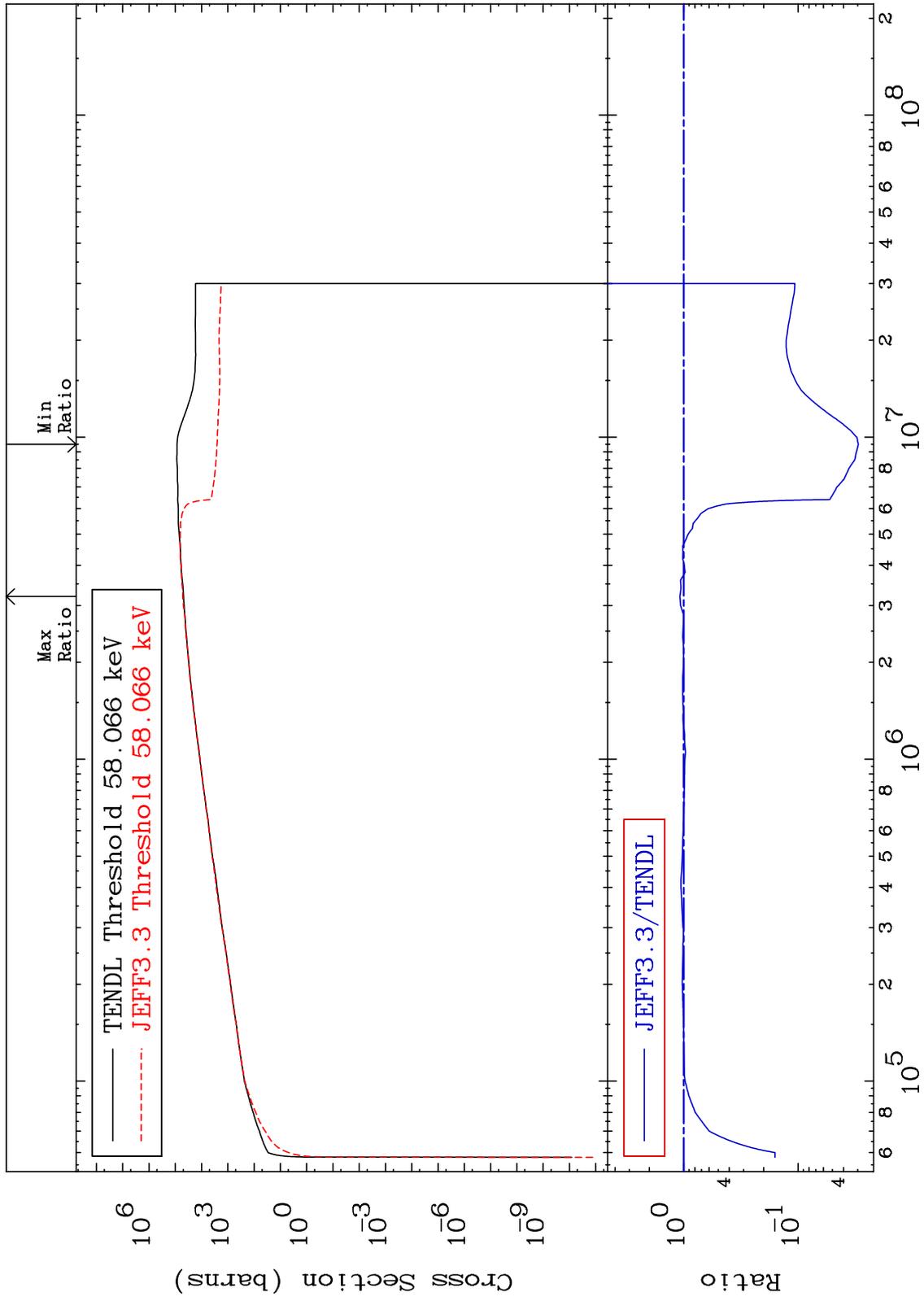
Incident Energy (eV)

53-I -127

MAT 5325

Dpa inelastic (mt51-91)  
Cross Section

53-I -127  
-97.04 To 8.119 %



61

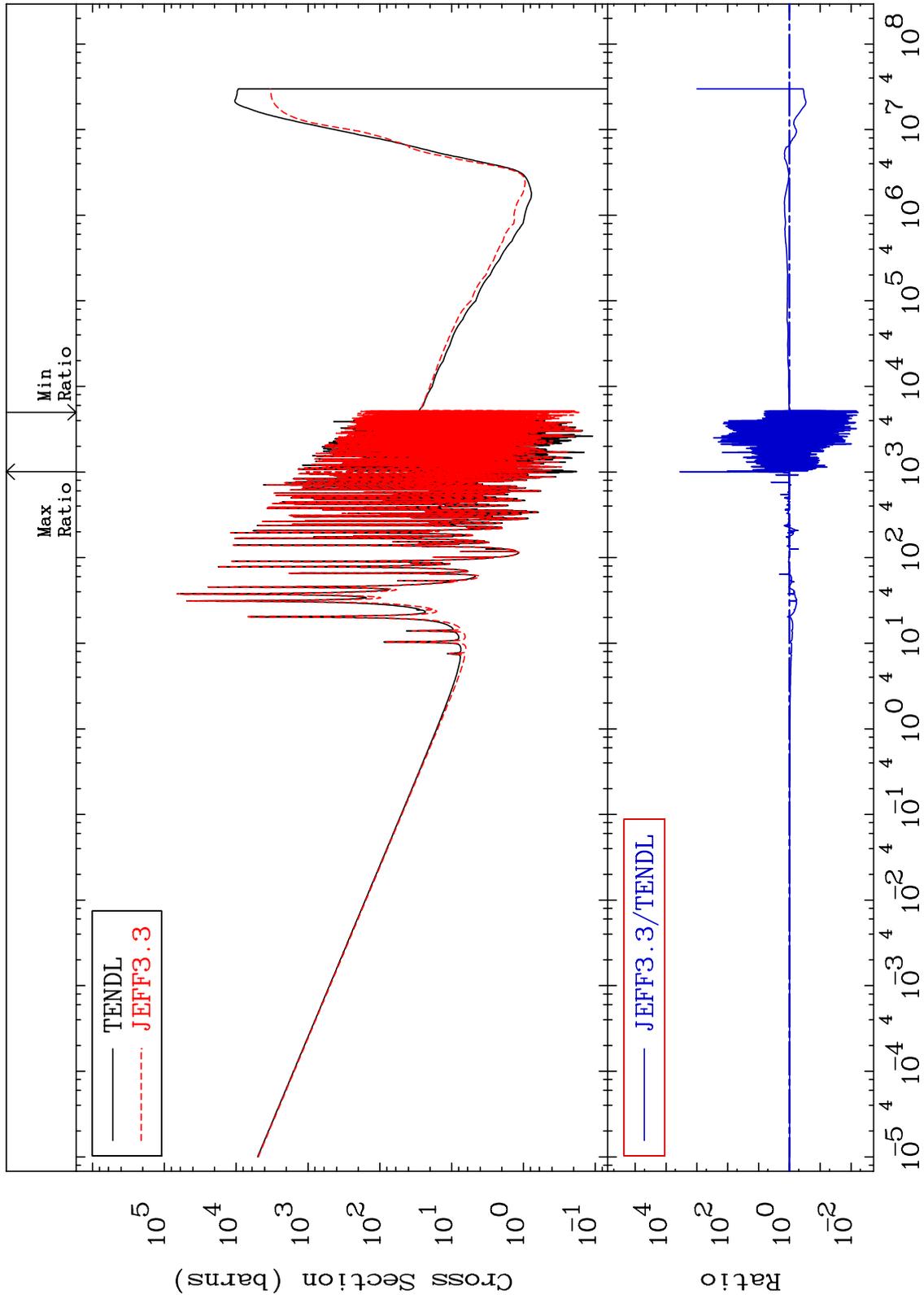
Incident Energy (eV)

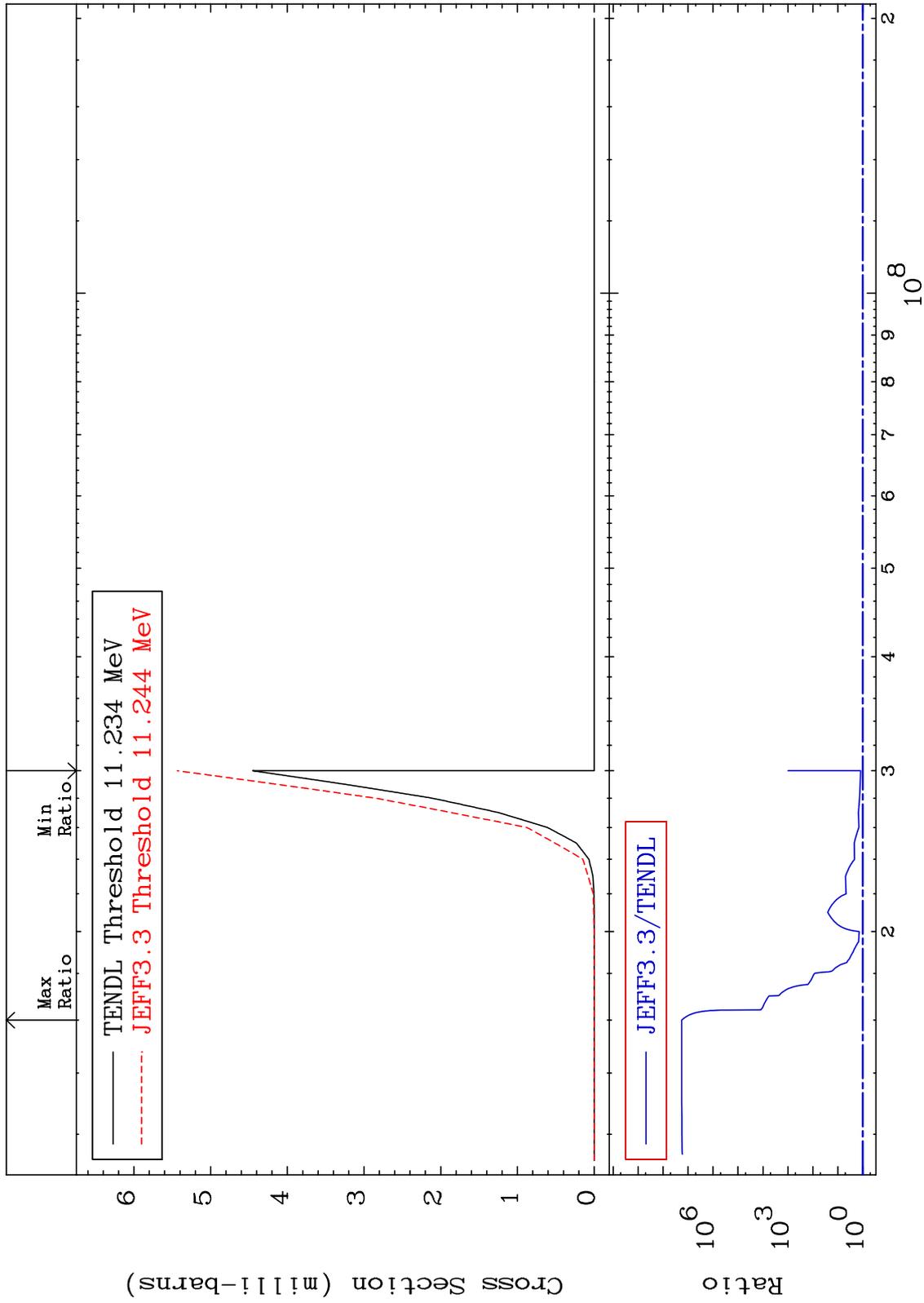
53-I -127

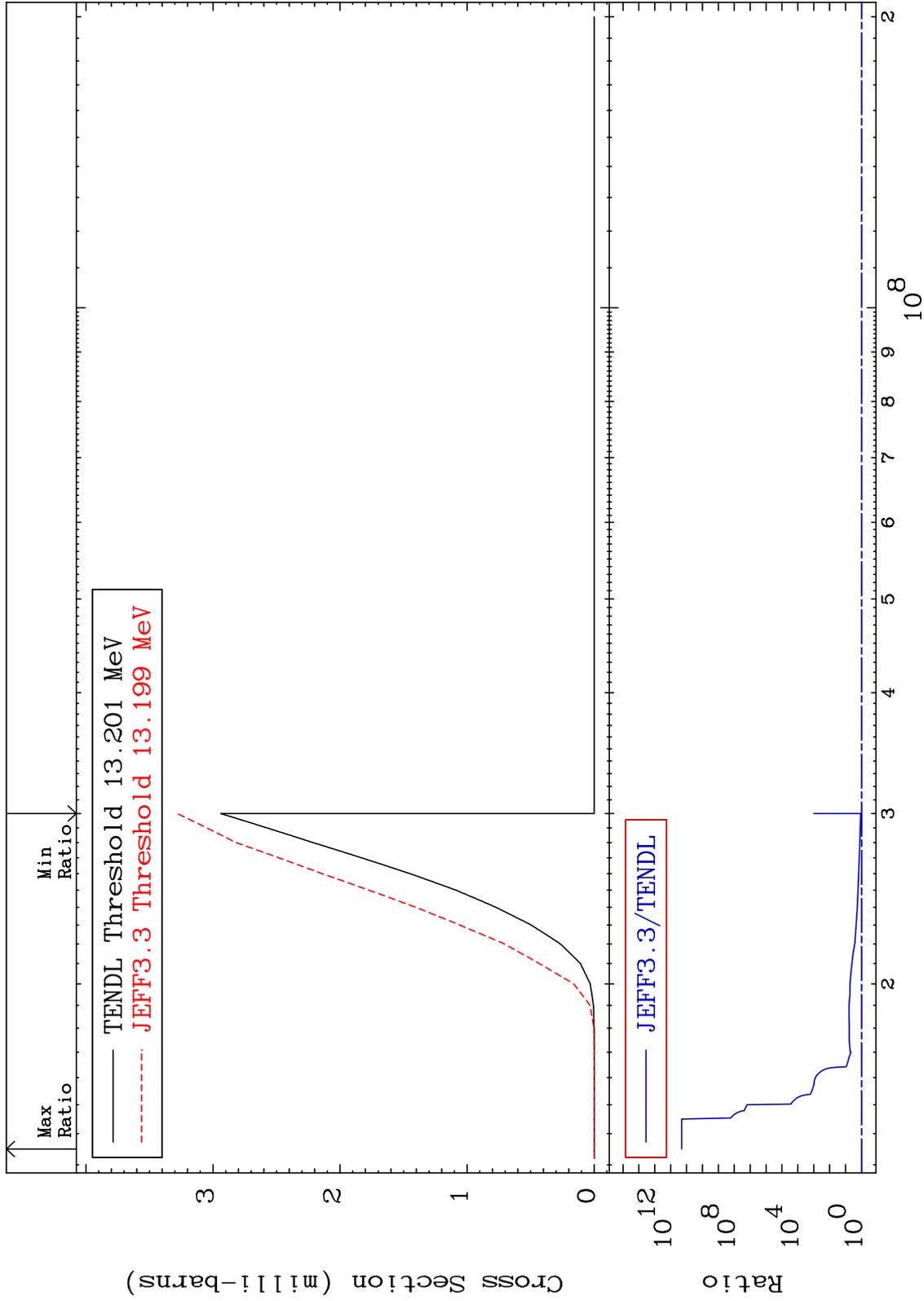
MAT 5325

Dpa disappearance (mt102 -120)  
Cross Section

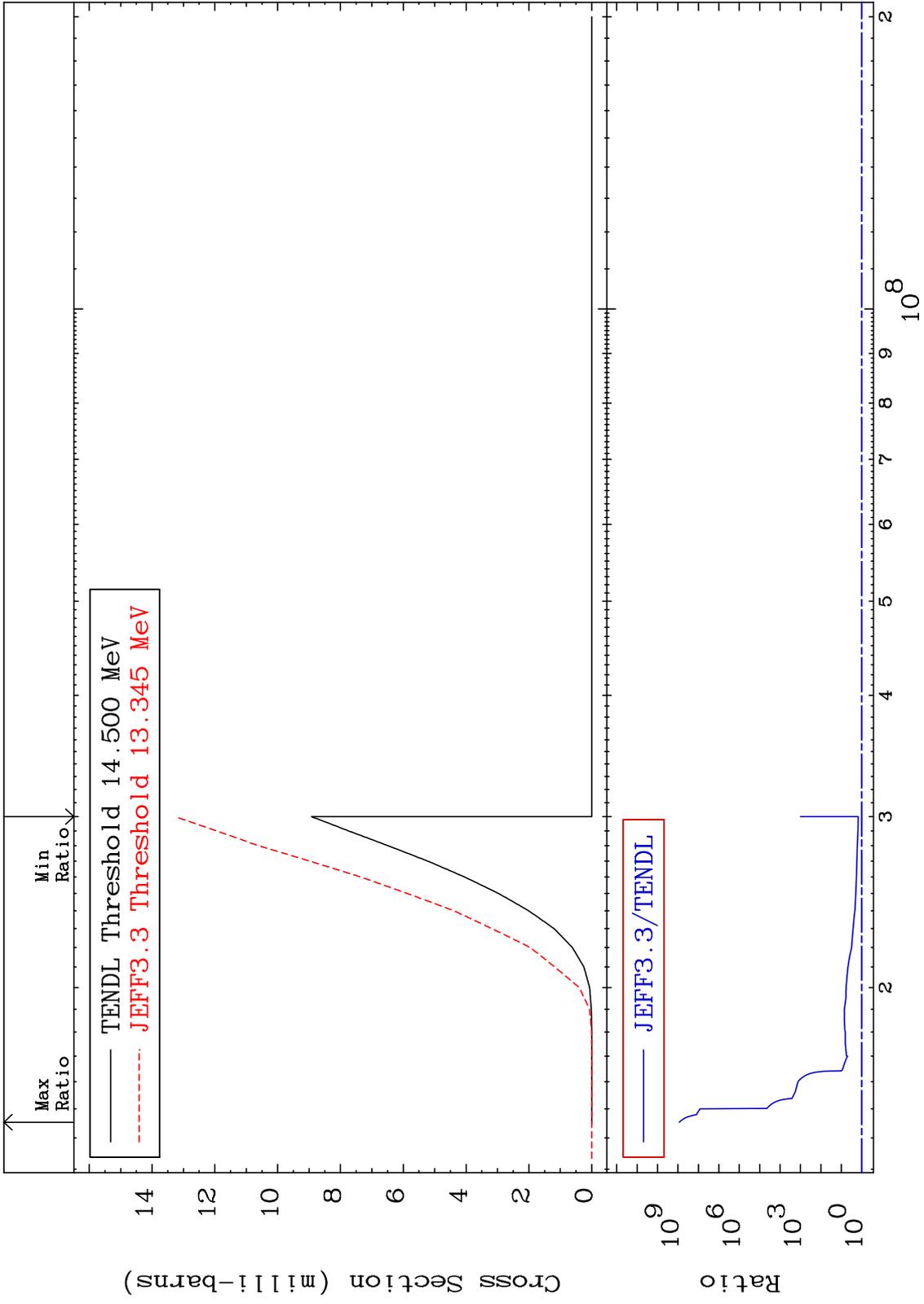
53-I -127  
-99.42 To 9999. %

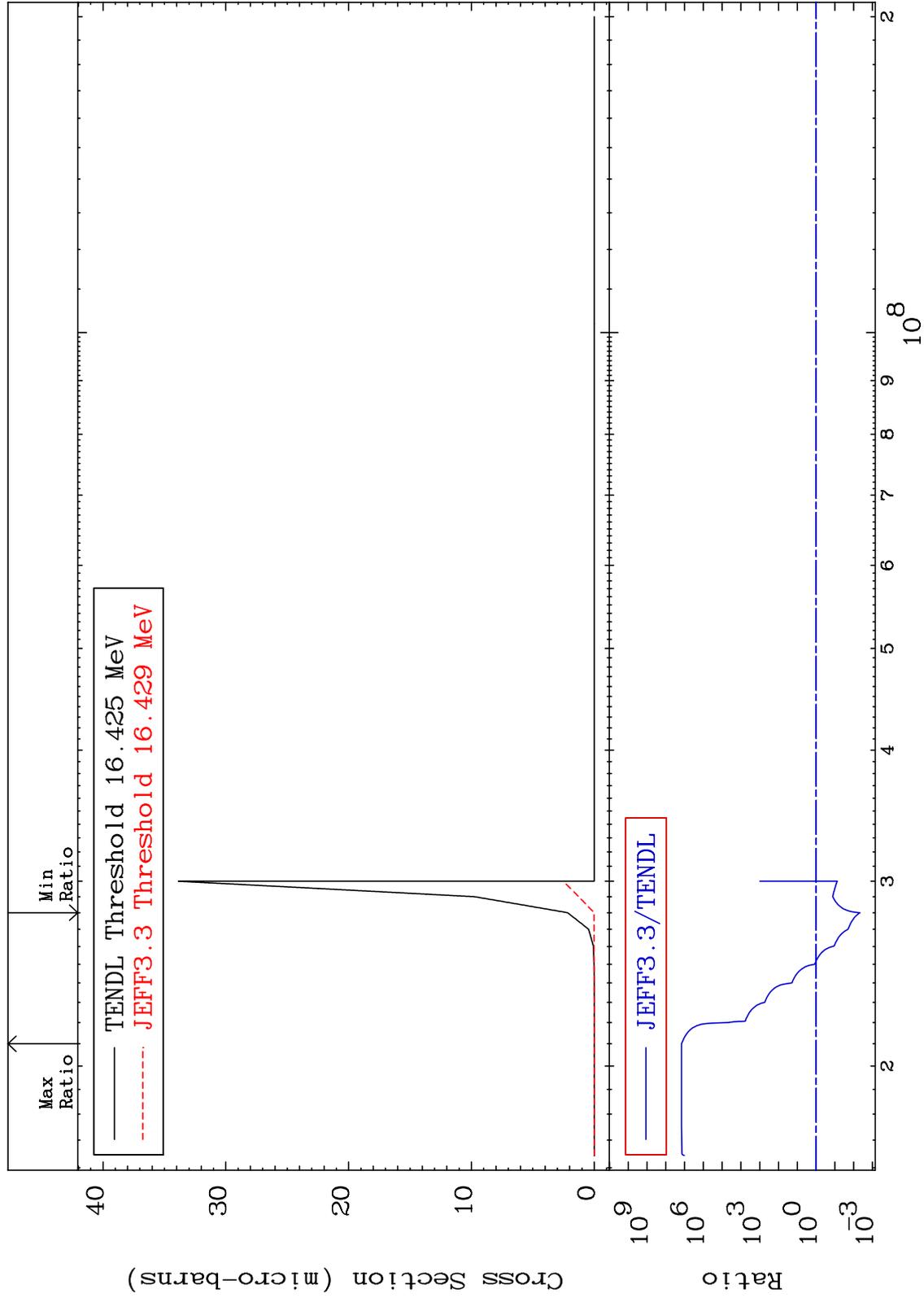




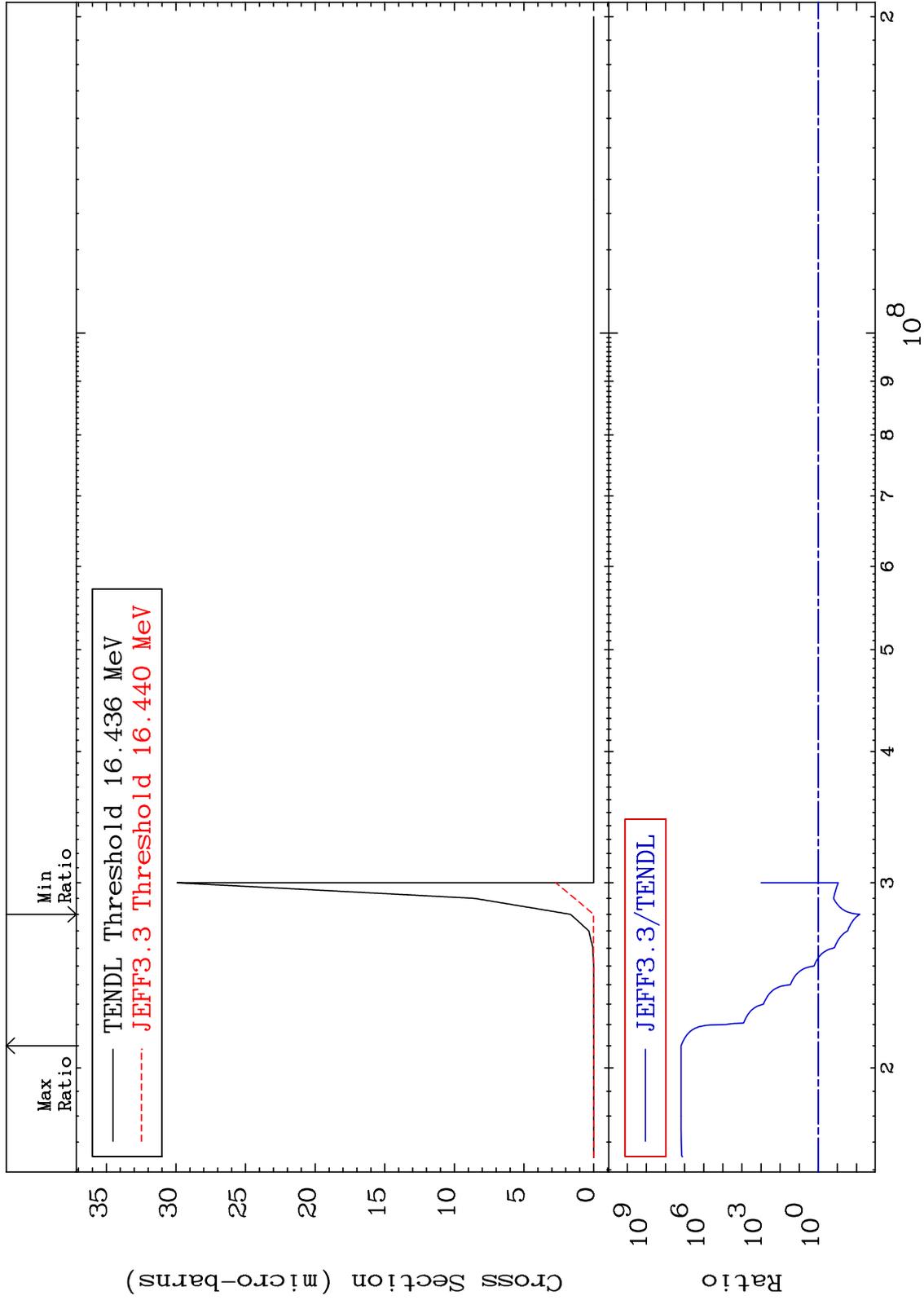


Radionuclide Production Cross Section 48.73 To 9999. %

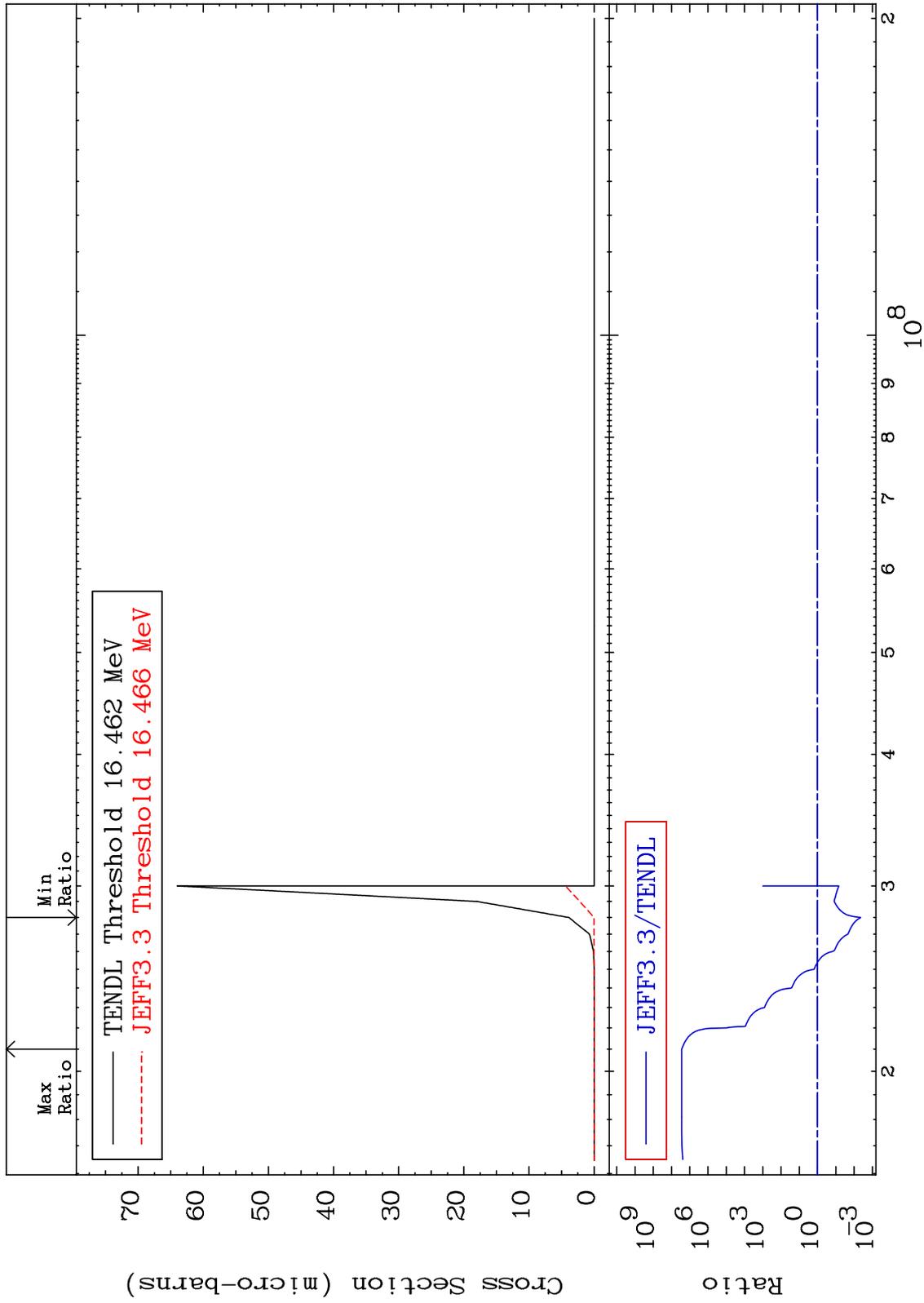


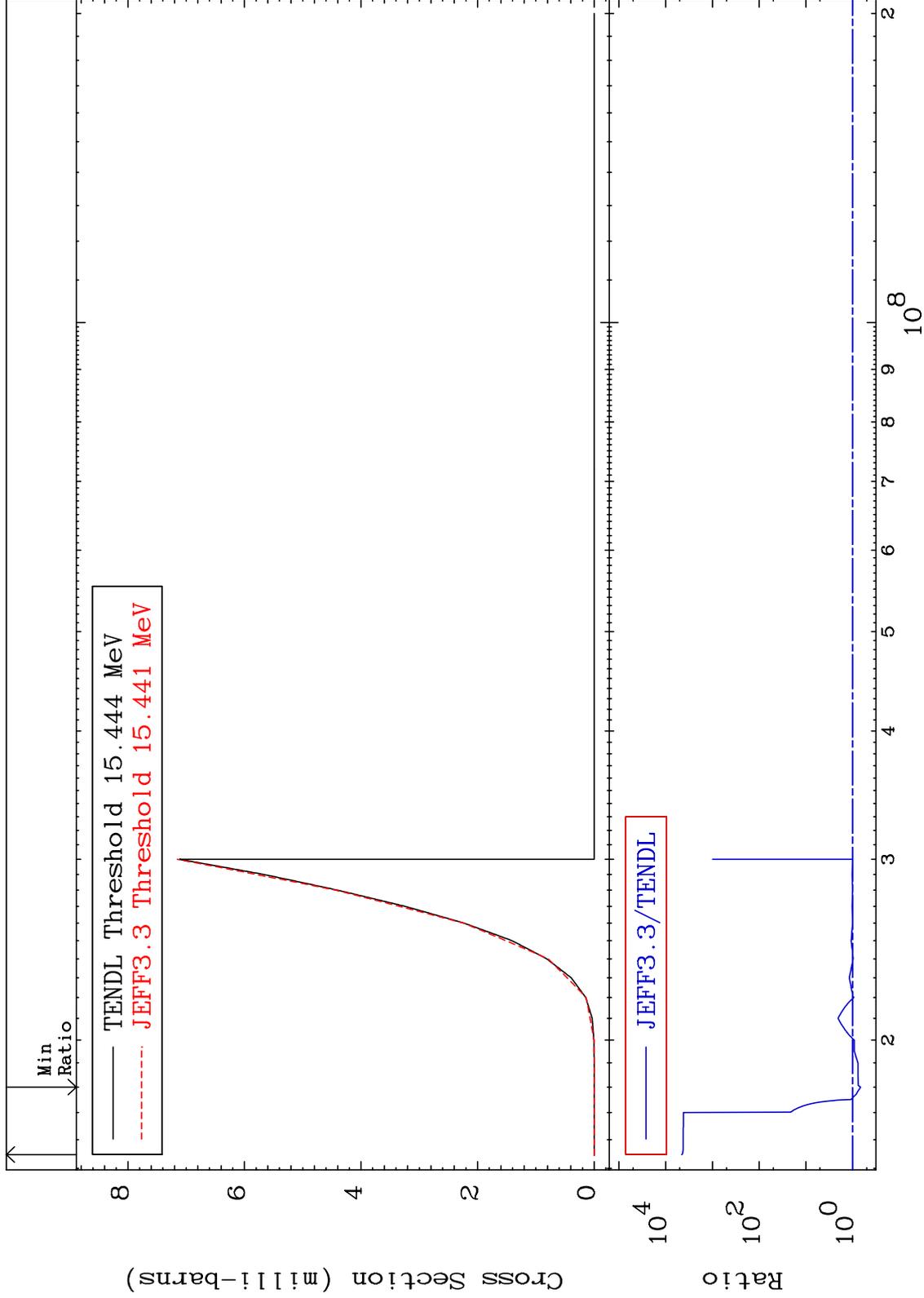


Radionuclide Production Cross Section -99.33 To 9999. %



Radionuclide Production Cross Section -99.56 To 9999. %



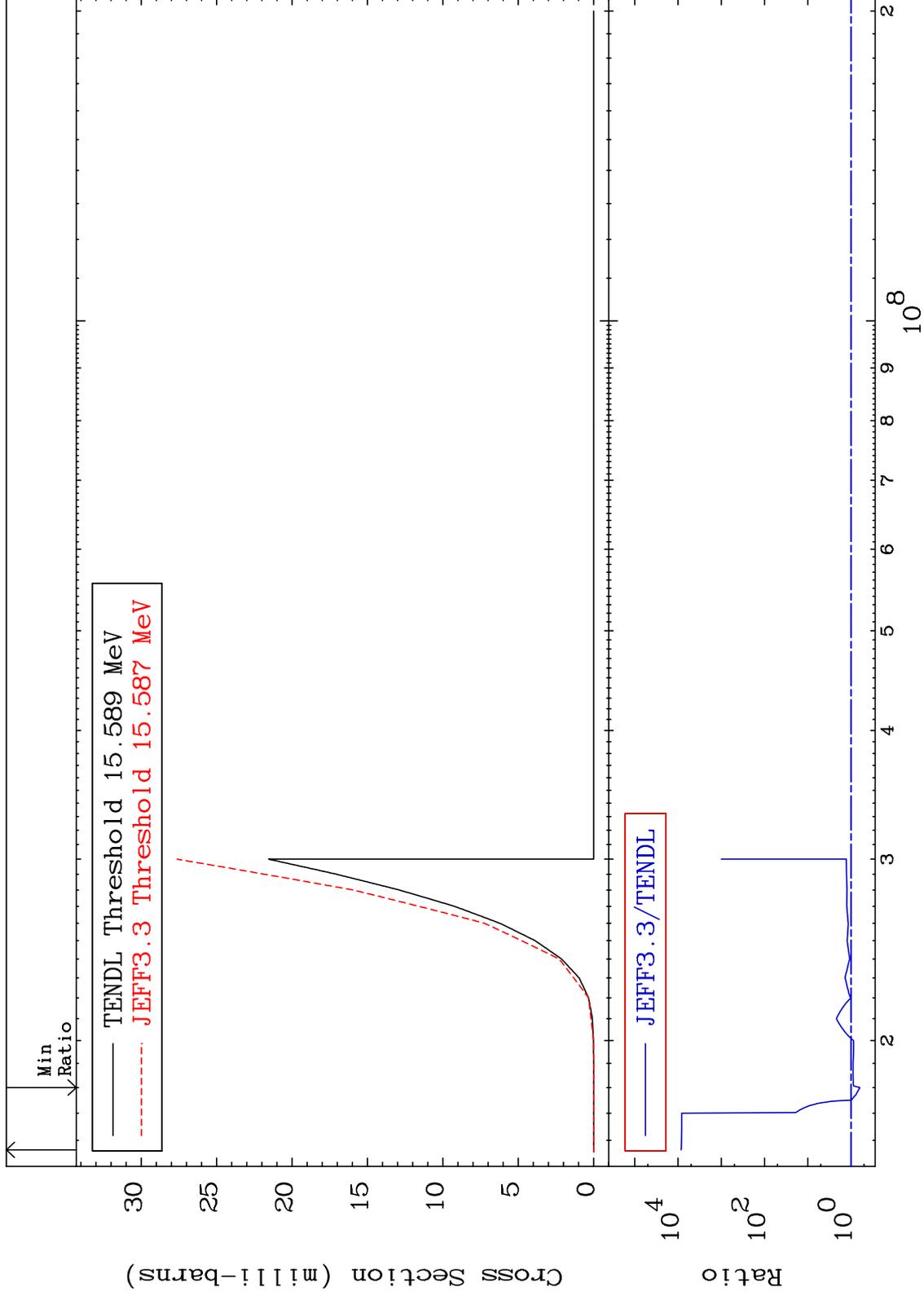


MAT 5325

(n,2n) p:52-Te-125m2

53-I -127

Radionuclide Production Cross Section -37.59 To 9999. %



70

Incident Energy (eV)

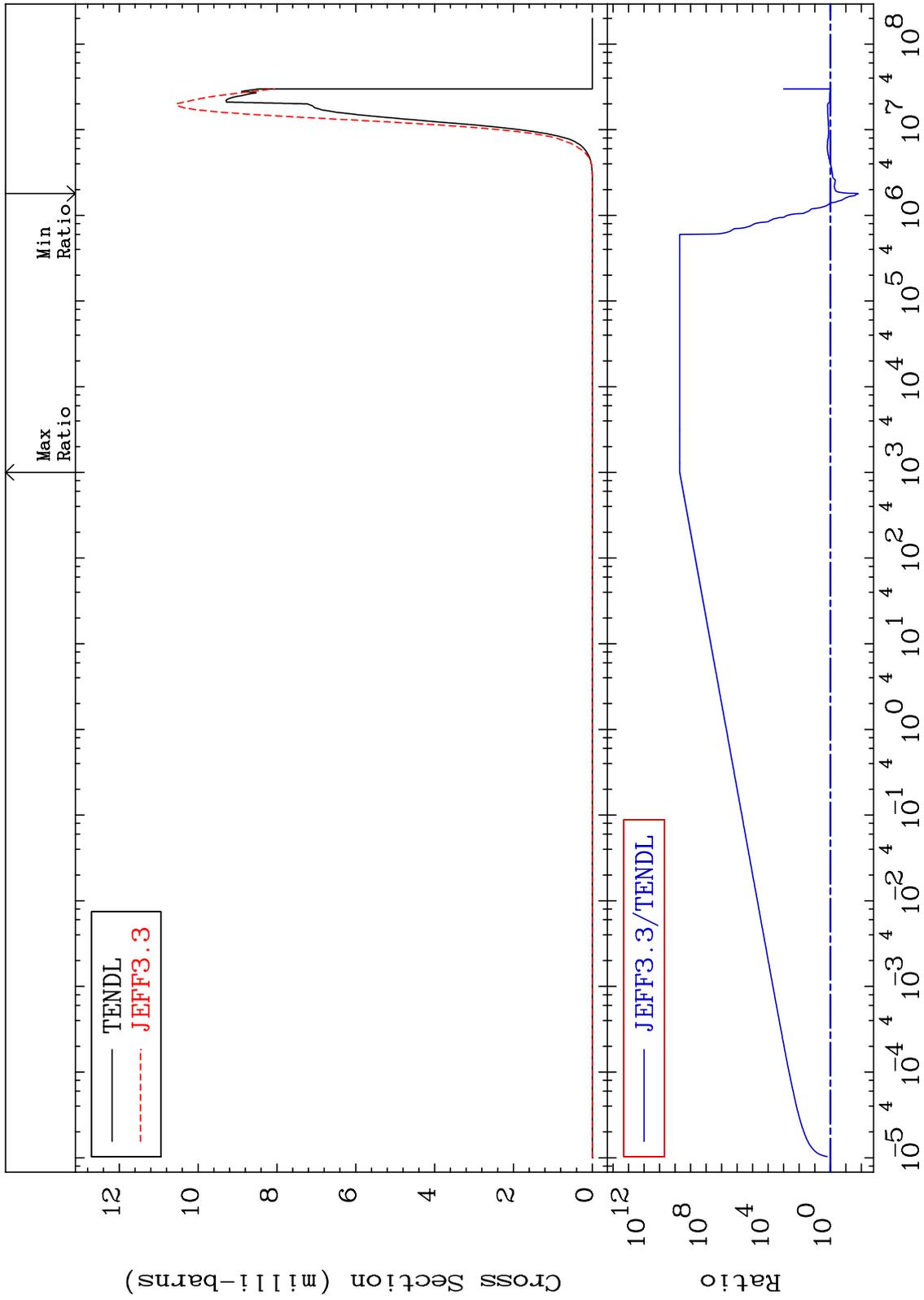
53-I -127

MAT 5325

(n,p):52-Te-127g

53-I -127

Radionuclide Production Cross Section -98.45 To 9999. %



71

Incident Energy (eV)

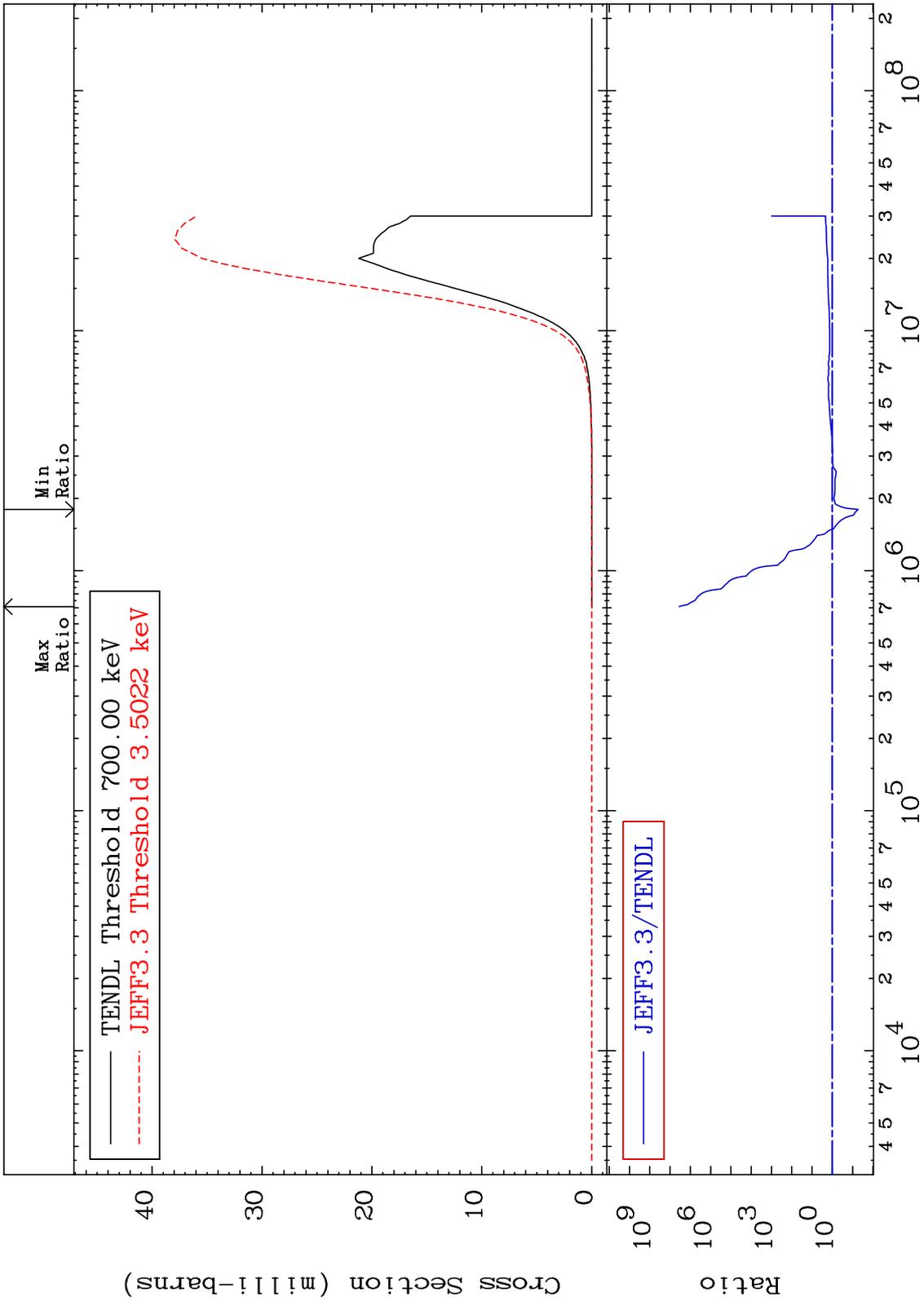
53-I -127

MAT 5325

(n, p) : 52-Te-127m2

53-I -127

Radionuclide Production Cross Section -94.69 To 9999. %

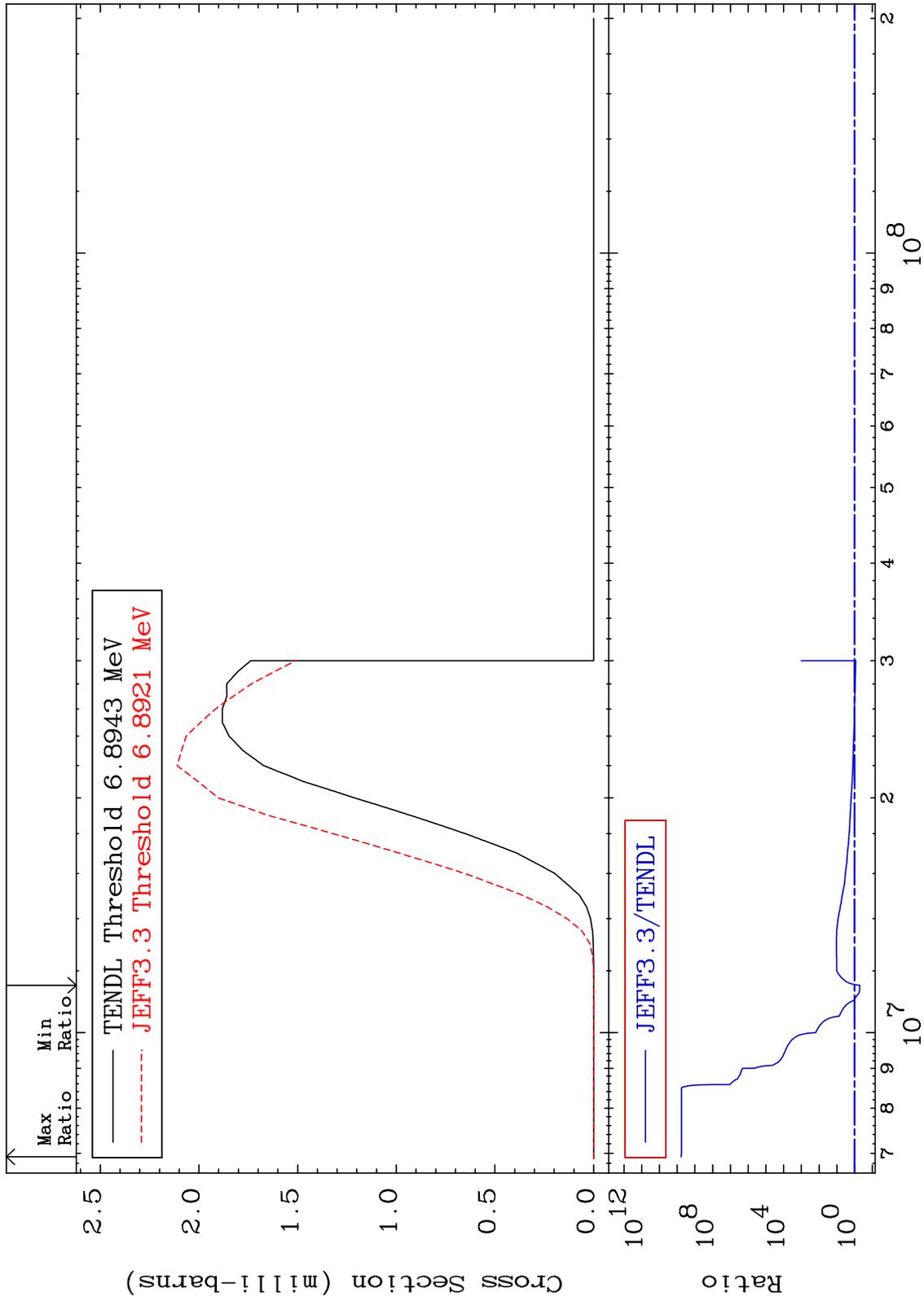


72

Incident Energy (eV)

53-I -127

Radionuclide Production Cross Section -49.78 To 9999. %

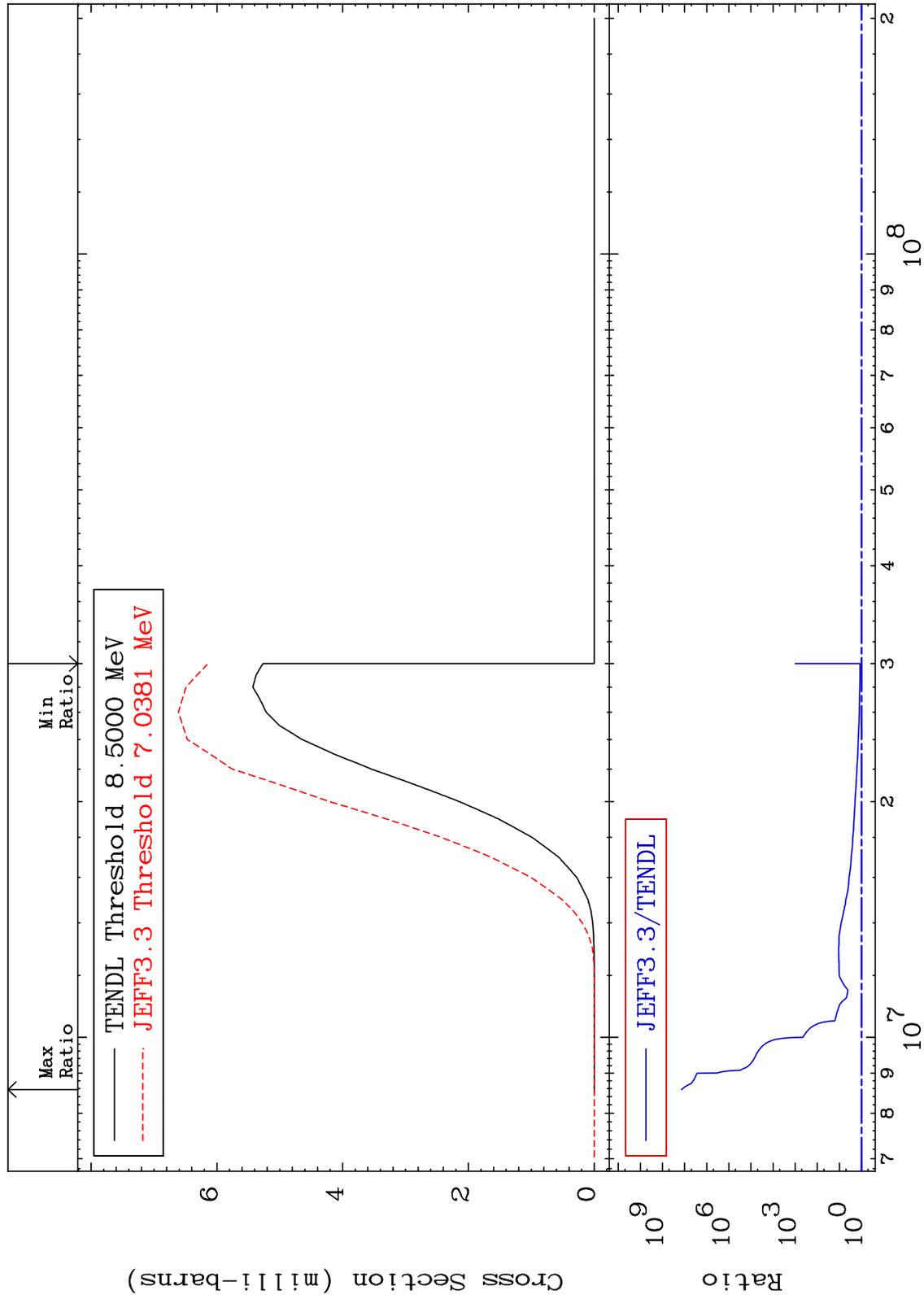


MAT 5325

(n, t) : 52-Te-125m2

53-I -127

Radionuclide Production Cross Section 16.56 To 9999. %

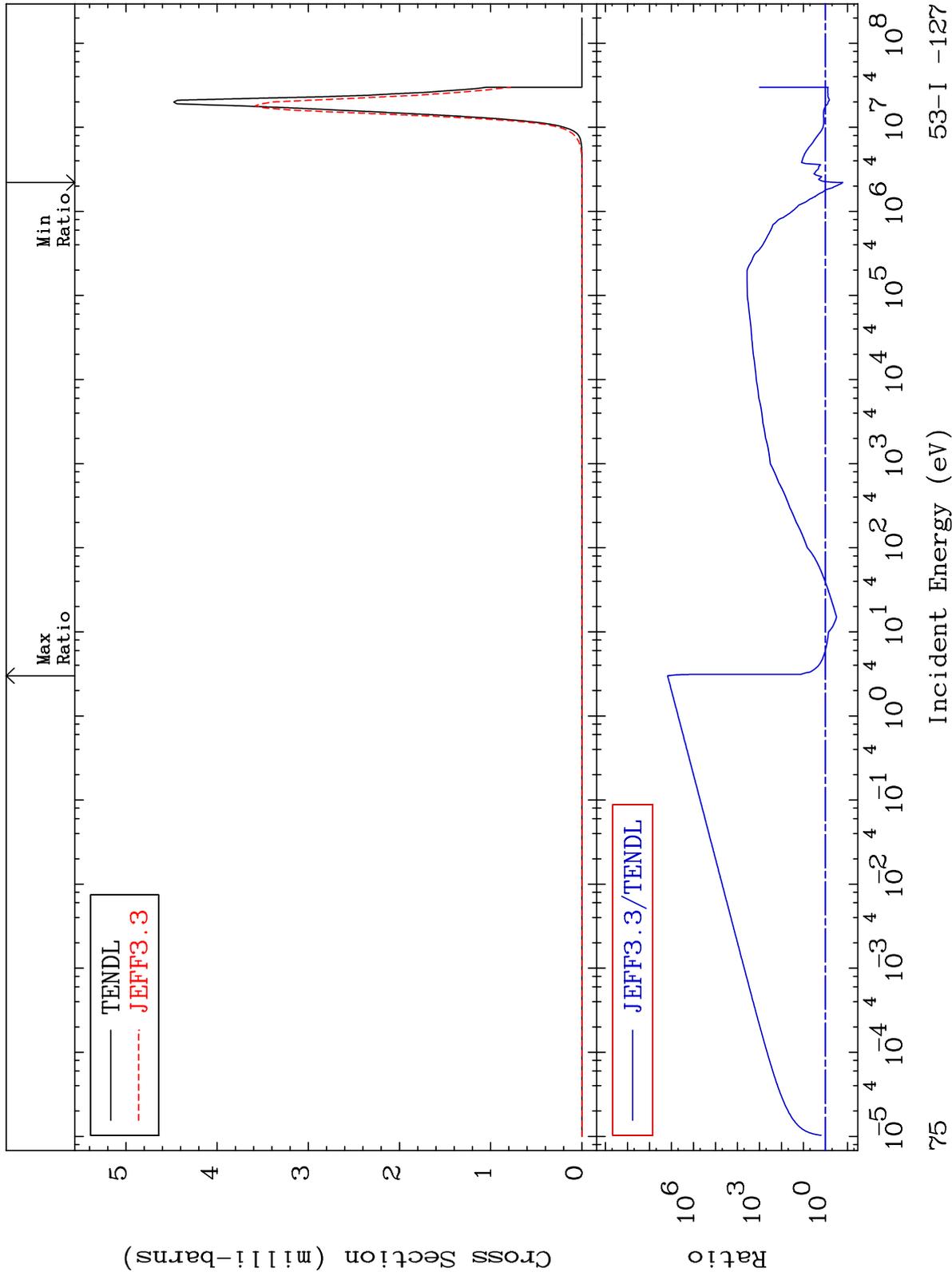


MAT 5325

(n,  $\alpha$ ):51-Sb-124g

53-I -127

Radionuclide Production Cross Section -83.87 To 9999. %



75

Incident Energy (eV)

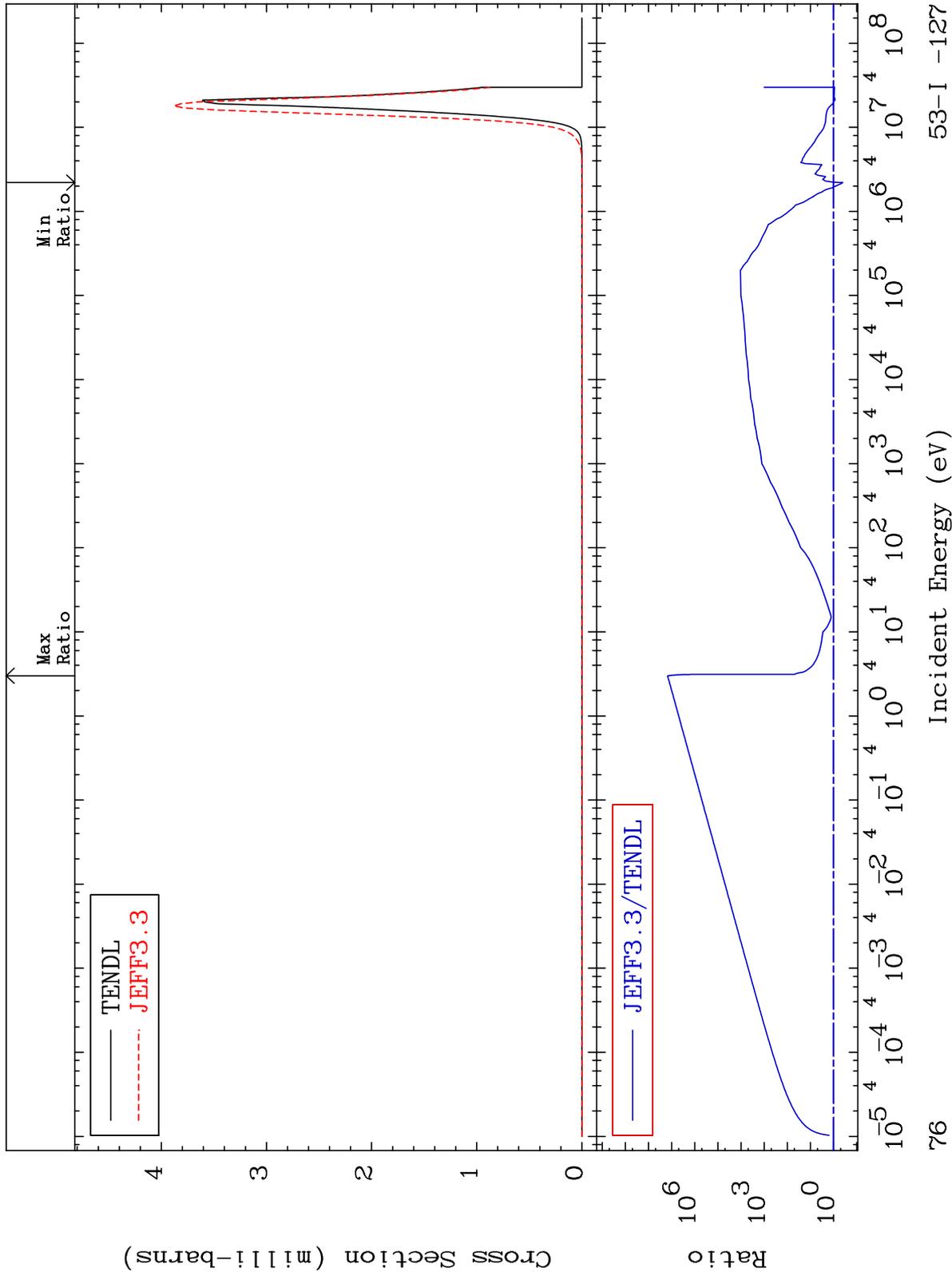
53-I -127

MAT 5325

(n,  $\alpha$ ):51-Sb-124m1

53-I -127

Radionuclide Production Cross Section -59.92 To 9999. %



76

Incident Energy (eV)

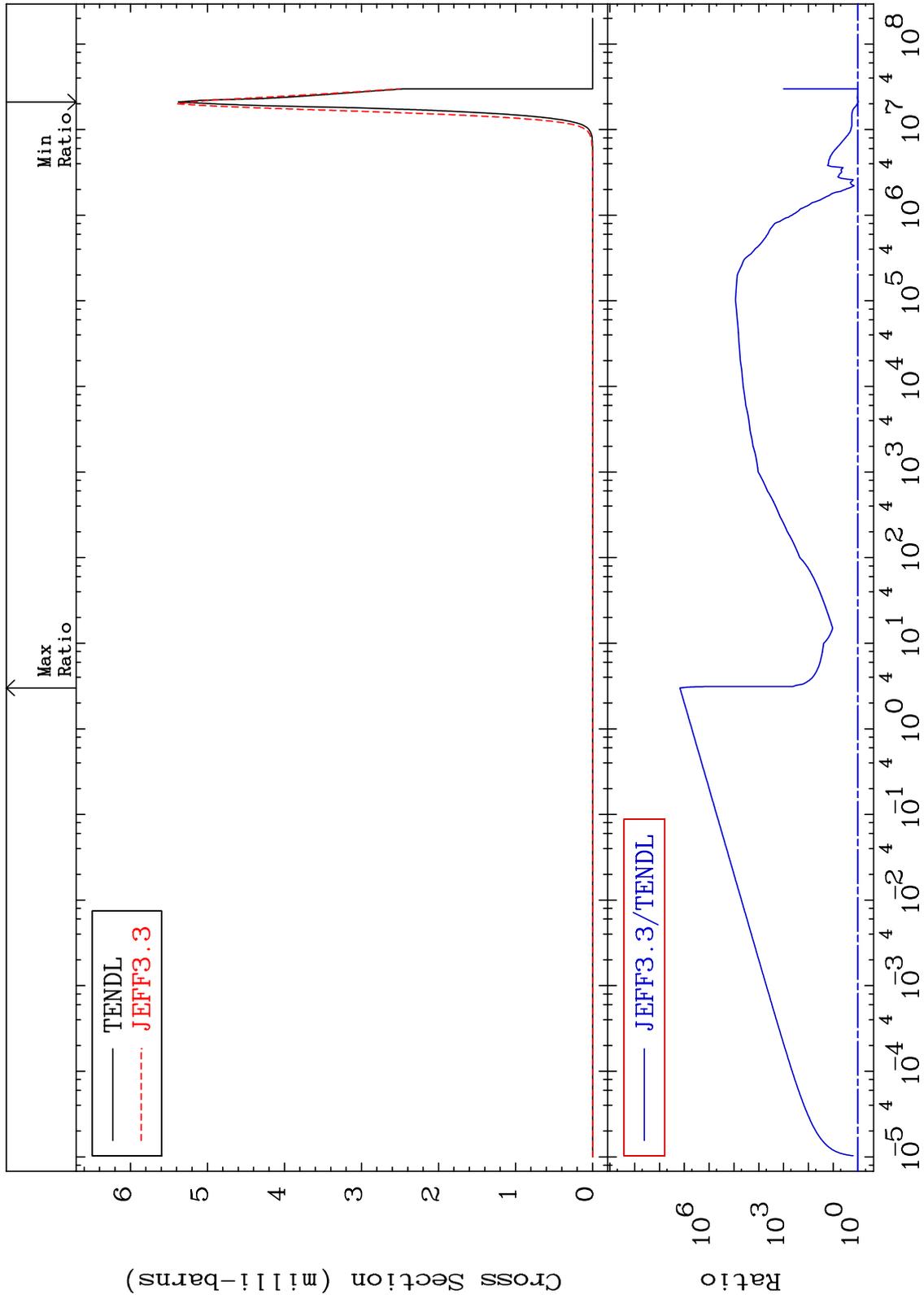
53-I -127

MAT 5325

(n,  $\alpha$ ):51-Sb-124m2

53-I -127

Radionuclide Production Cross Section -3.613 To 9999. %



77

Incident Energy (eV)

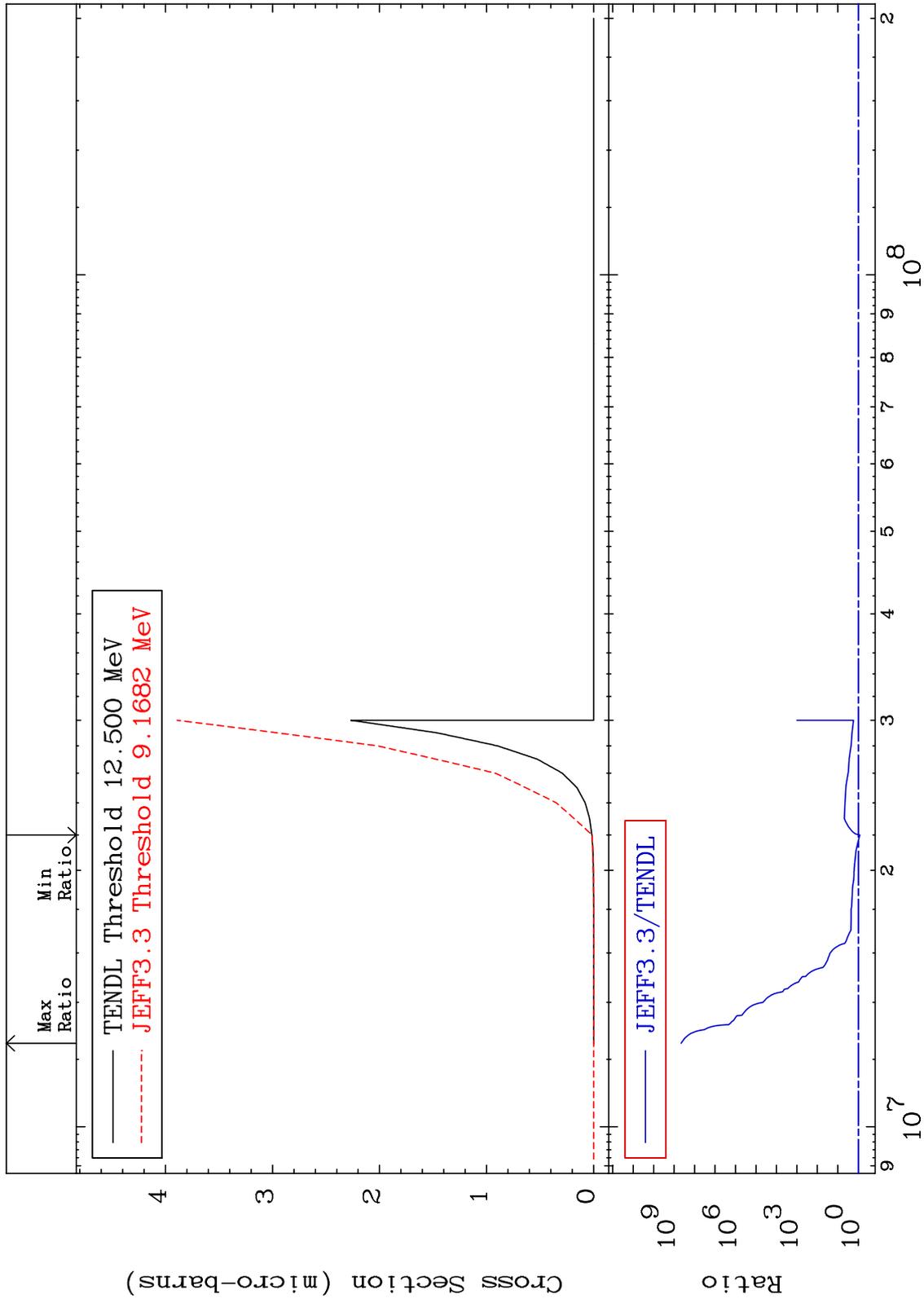
53-I -127

MAT 5325

(n,2p):51-Sb-126g

53-I -127

Radionuclide Production Cross Section -16.85 To 9999. %



78

Incident Energy (eV)

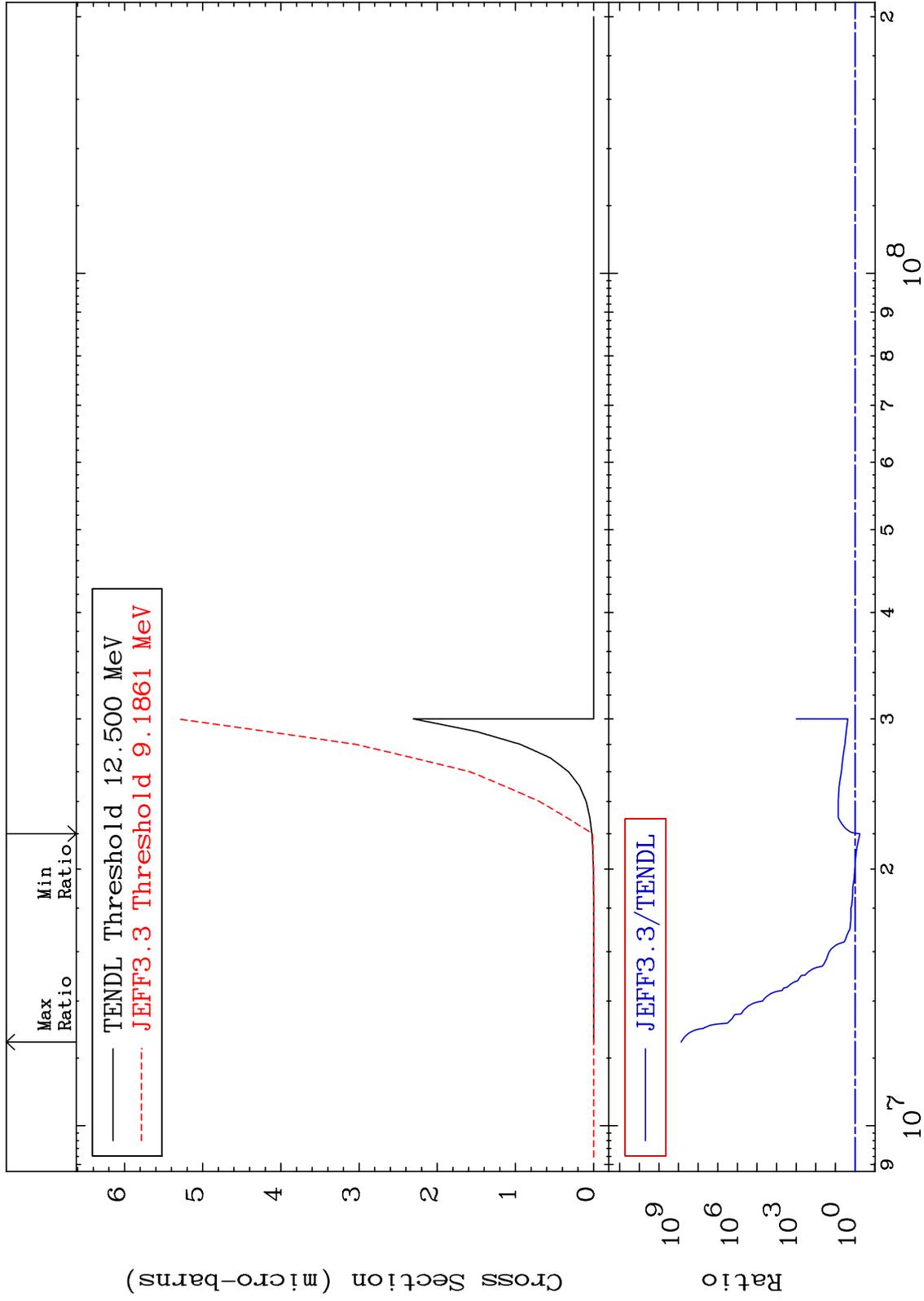
53-I -127

MAT 5325

(n,2p):51-Sb-126m1

53-I -127

Radionuclide Production Cross Section -43.95 To 9999. %



79

Incident Energy (eV)

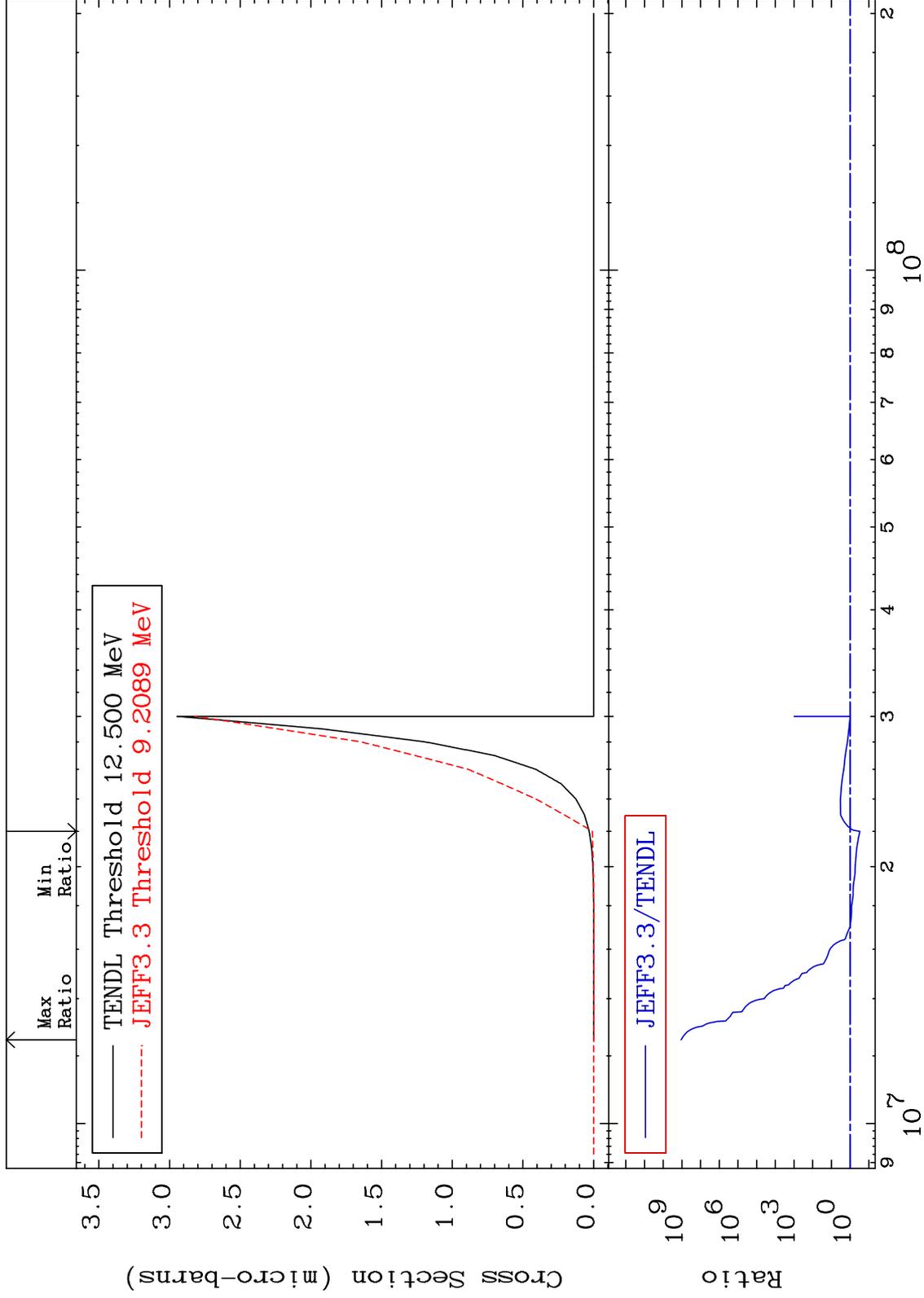
53-I -127

MAT 5325

(n,2p):51-Sb-126m2

53-I -127

Radionuclide Production Cross Section -70.23 To 9999. %



80

Incident Energy (eV)

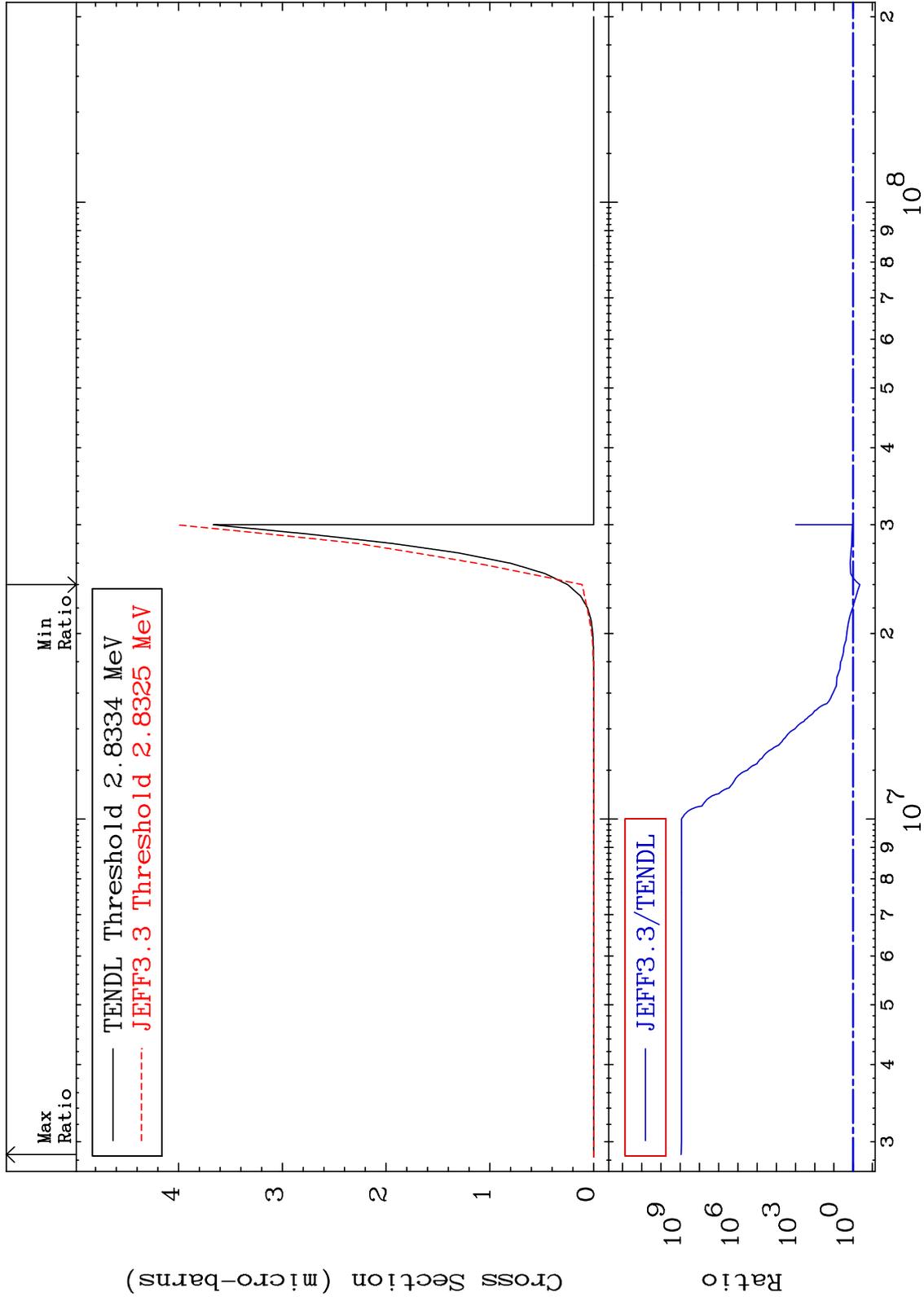
53-I -127

MAT 5325

(n, p)  $\alpha$ :50-Sn-123g

53-I -127

Radionuclide Production Cross Section -55.45 To 9999. %

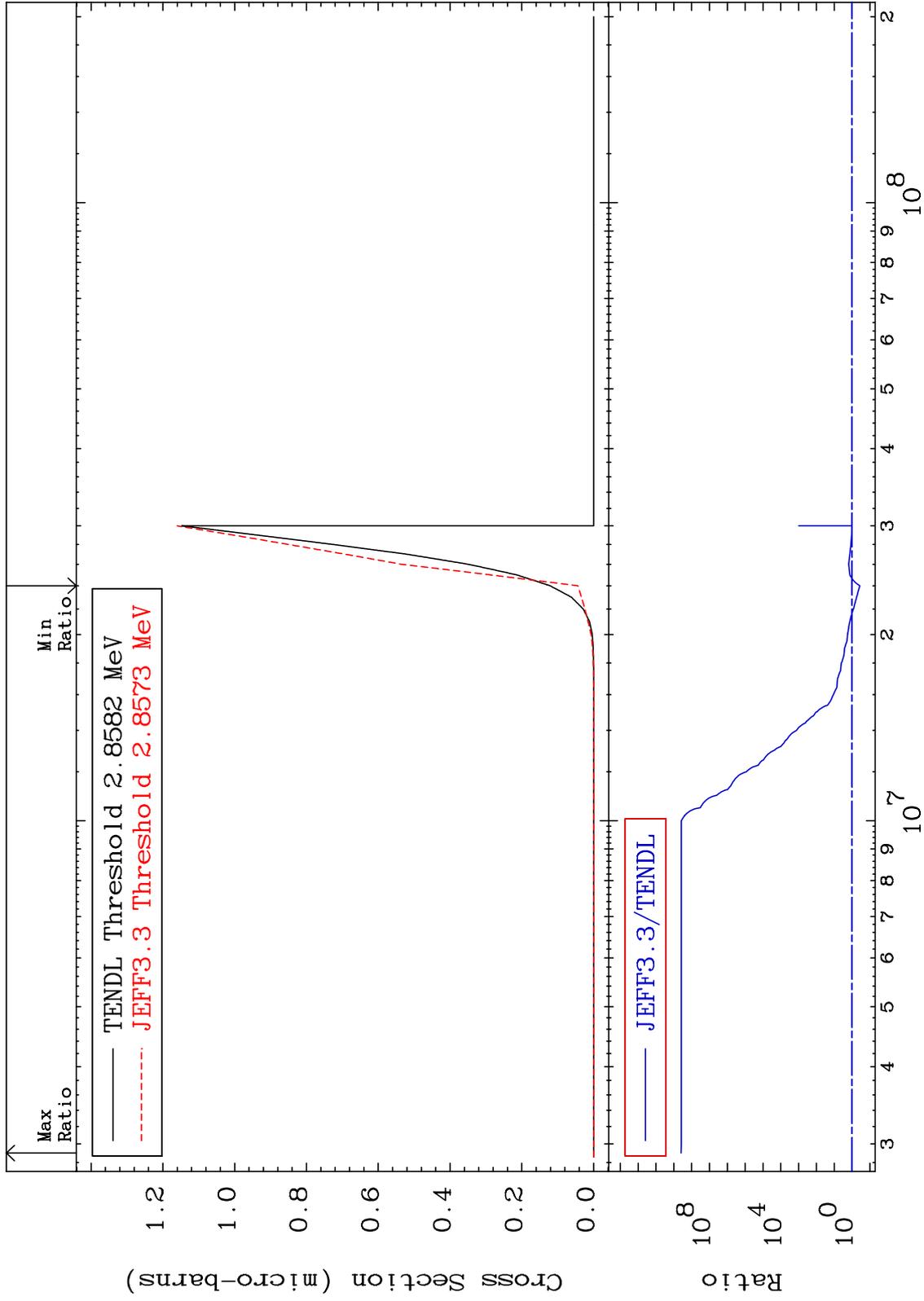


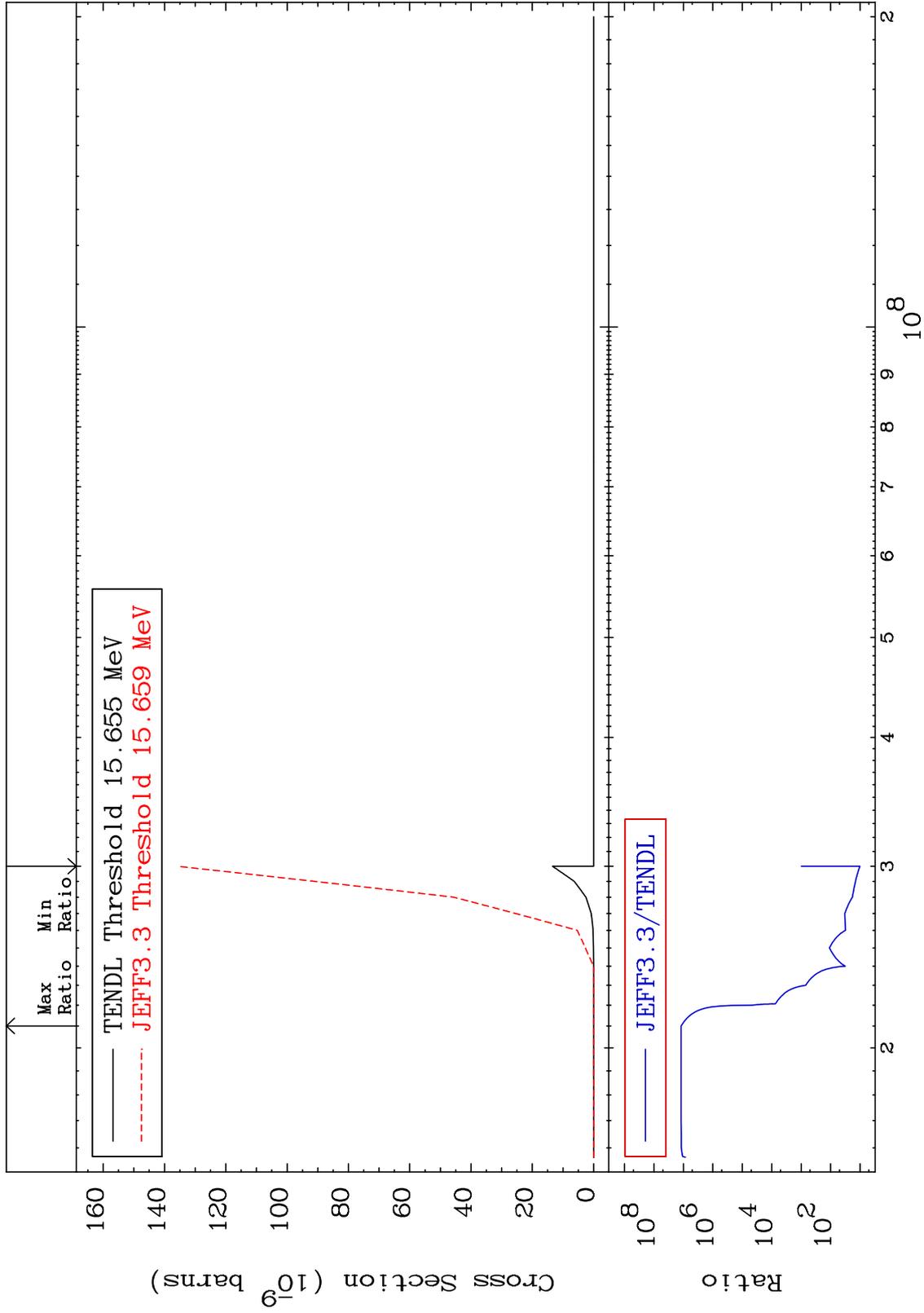
MAT 5325

(n, p)  $\alpha$ :50-Sn-123m1

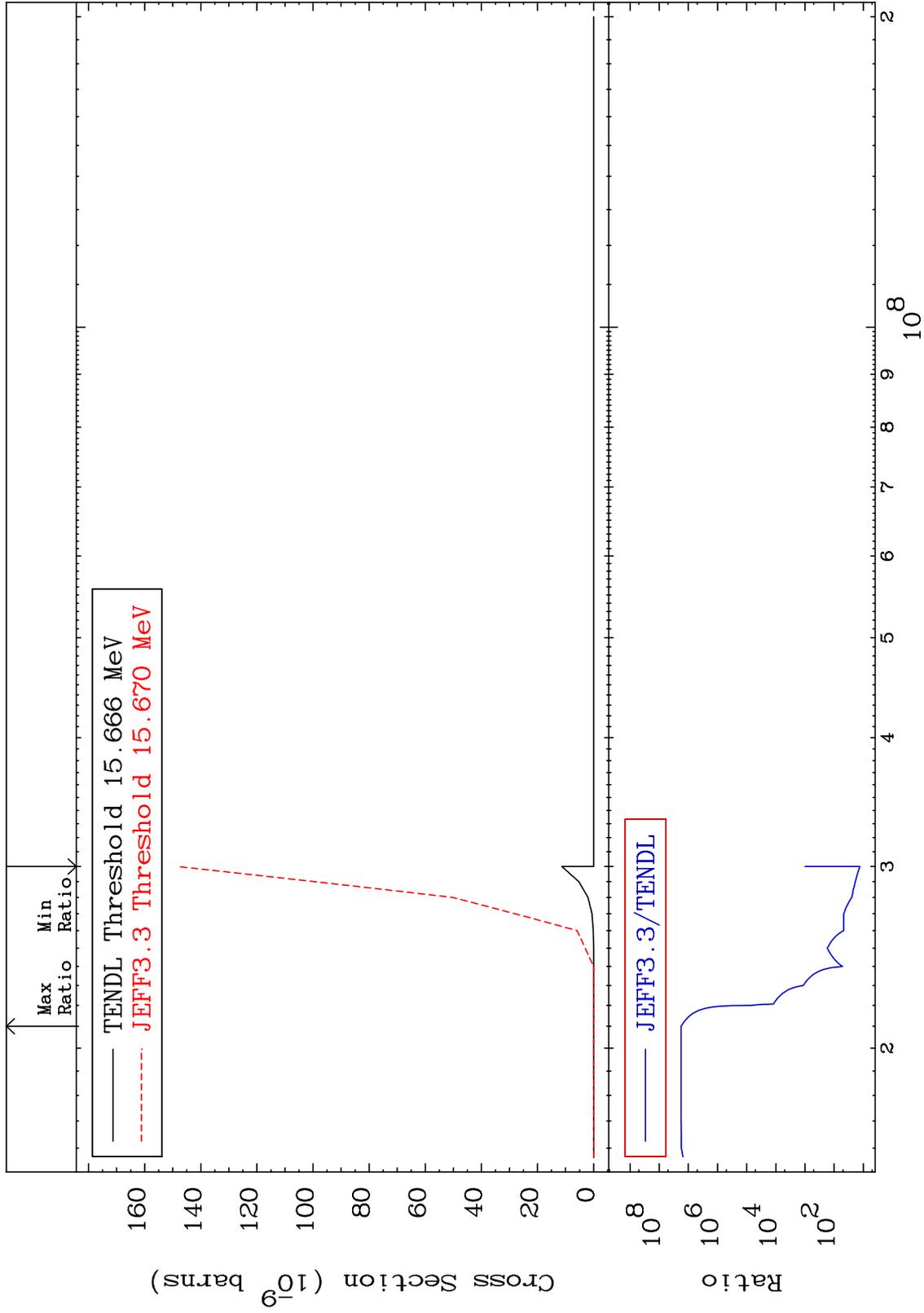
53-I -127

Radionuclide Production Cross Section -63.88 To 9999. %





Radionuclide Production Cross Section 1208. To 9999. %



Radionuclide Production Cross Section 1201. To 9999. %

