

Program Complot  
(Version 2018-1)

by

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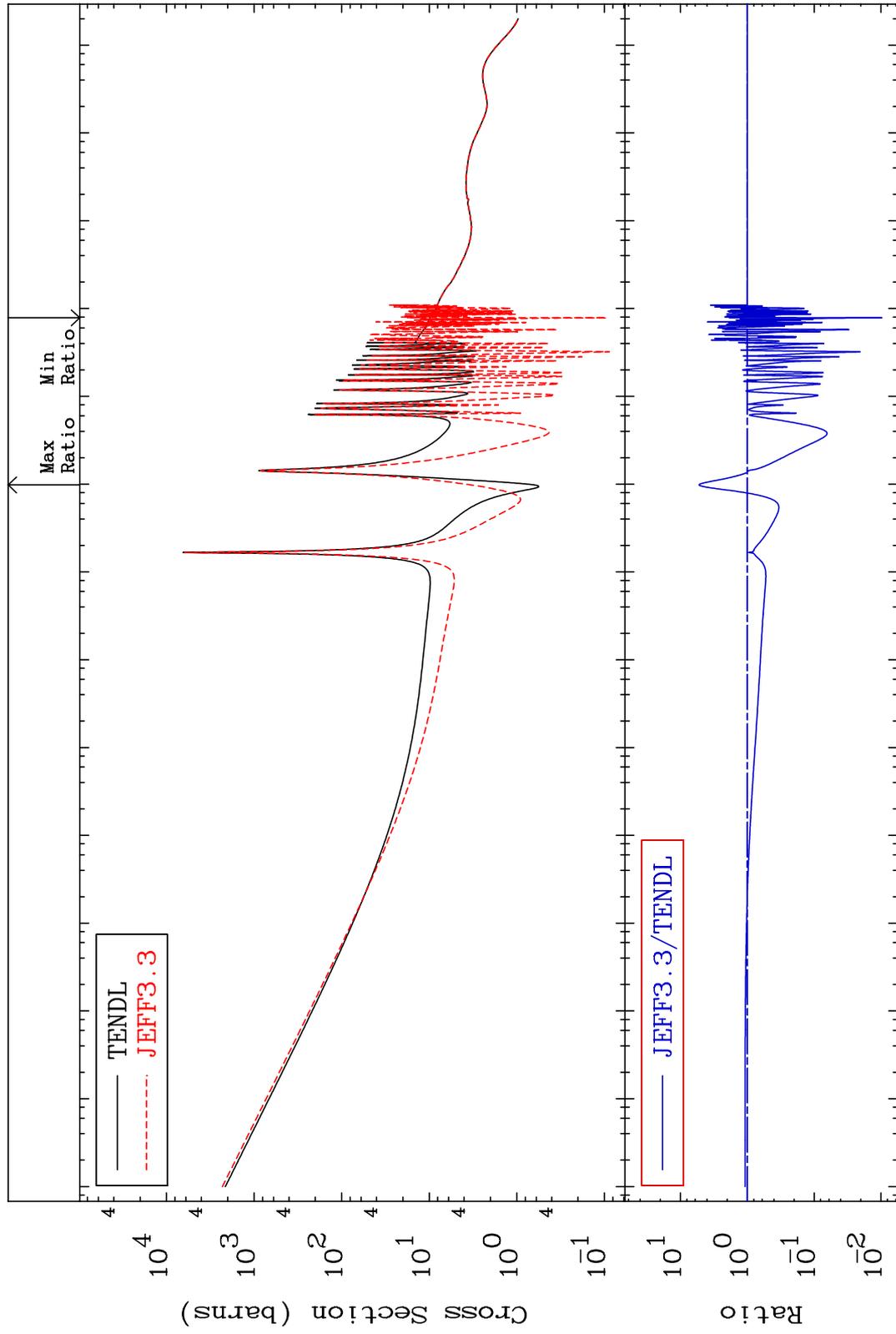
Press Mouse Button to Start

MAT 2325

Total

23-V -50

-99.04 To 426.8 %



23-V -50

Incident Energy (eV)

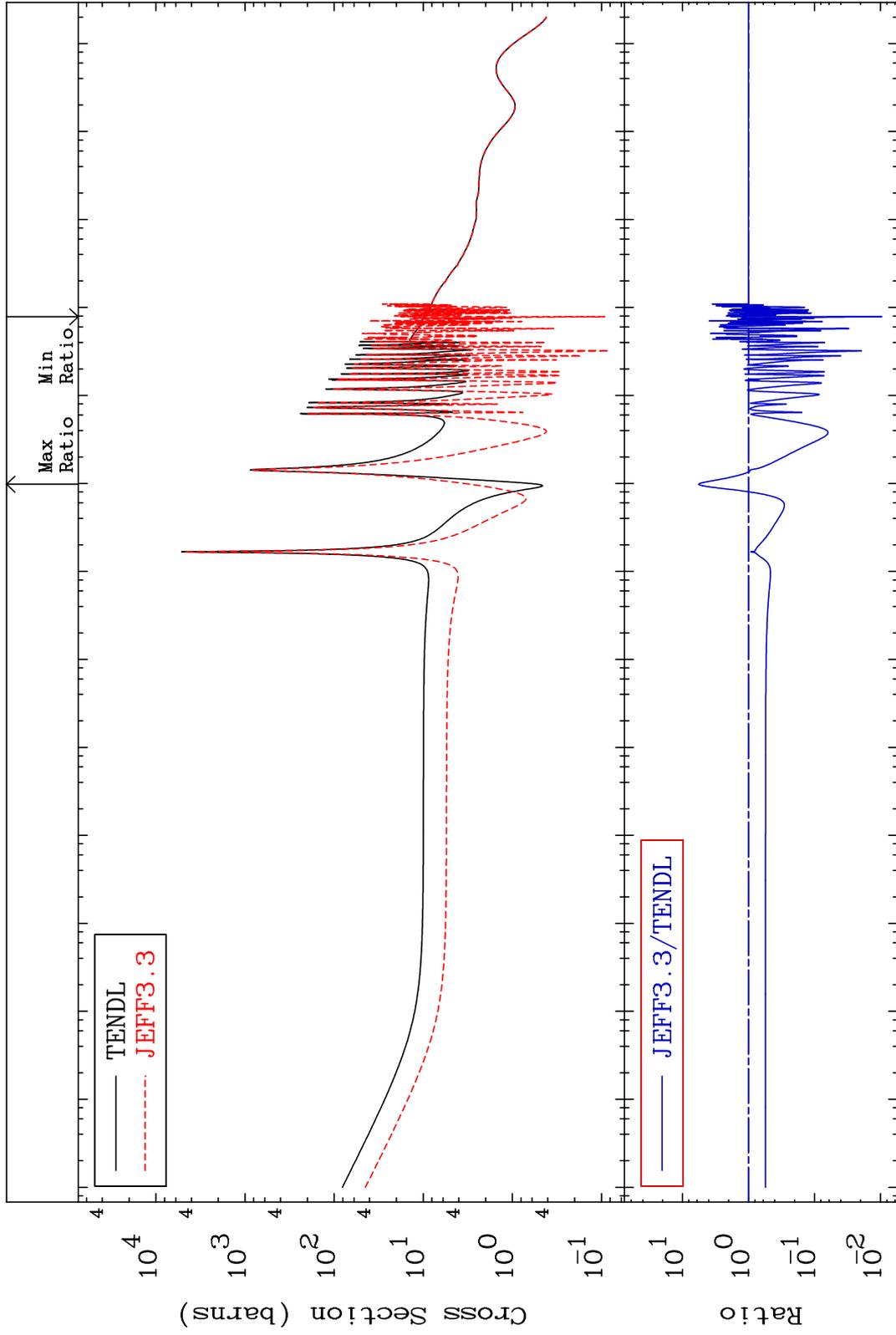
MAT 2325

Elastic

Cross Section

23-V -50

-99.05 To 467.1 %



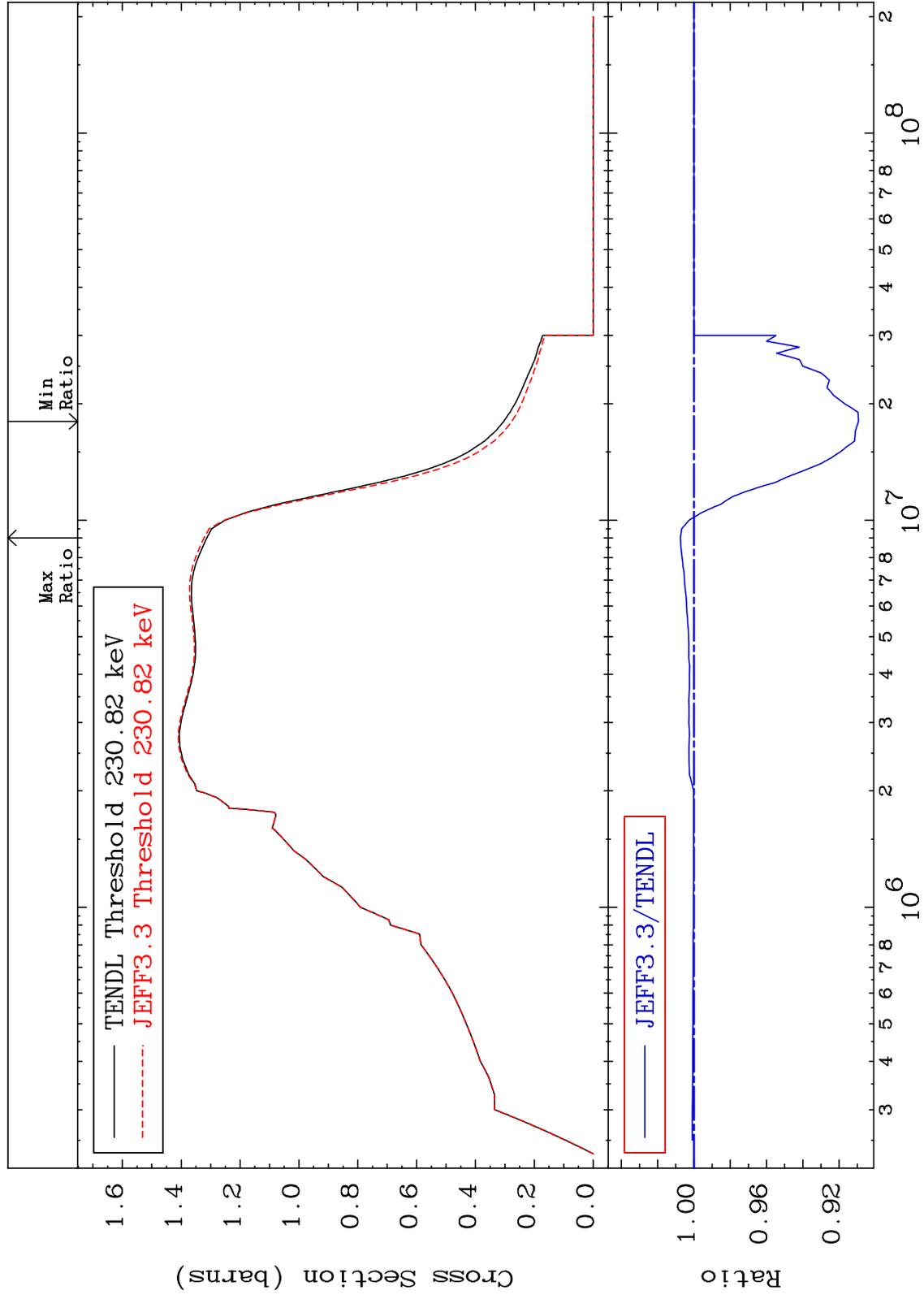
MAT 2325

Inelastic

23-V -50

Cross Section

-9.065 To 0.749 %



Incident Energy (eV)

23-V -50

3

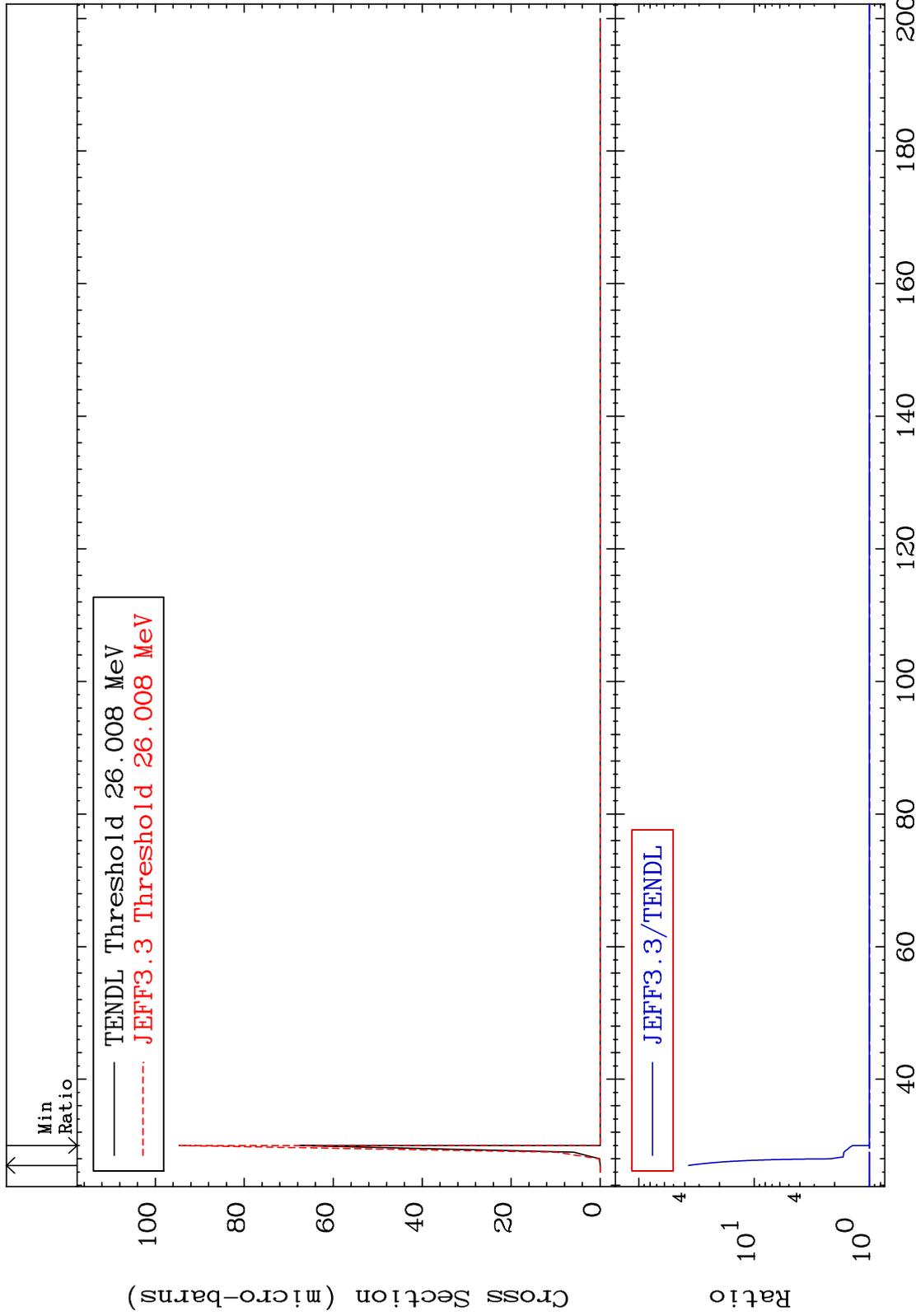
MAT 2325

(n,2n) d

23-V -50

Cross Section

0.000 To 3605. %



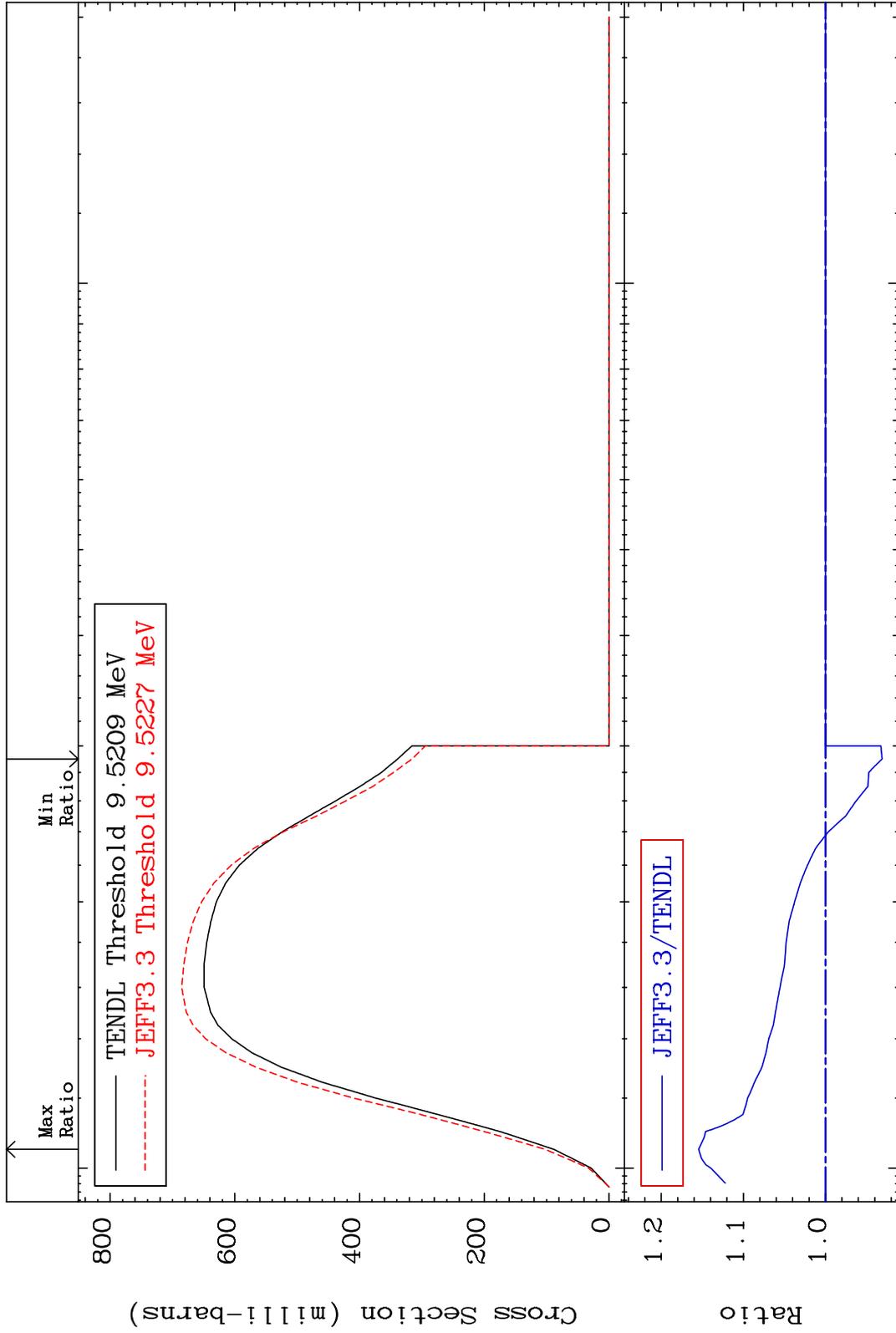
MAT 2325

(n,2n)

23-V -50

Cross Section

-6.888 To 15.44 %



23-V -50

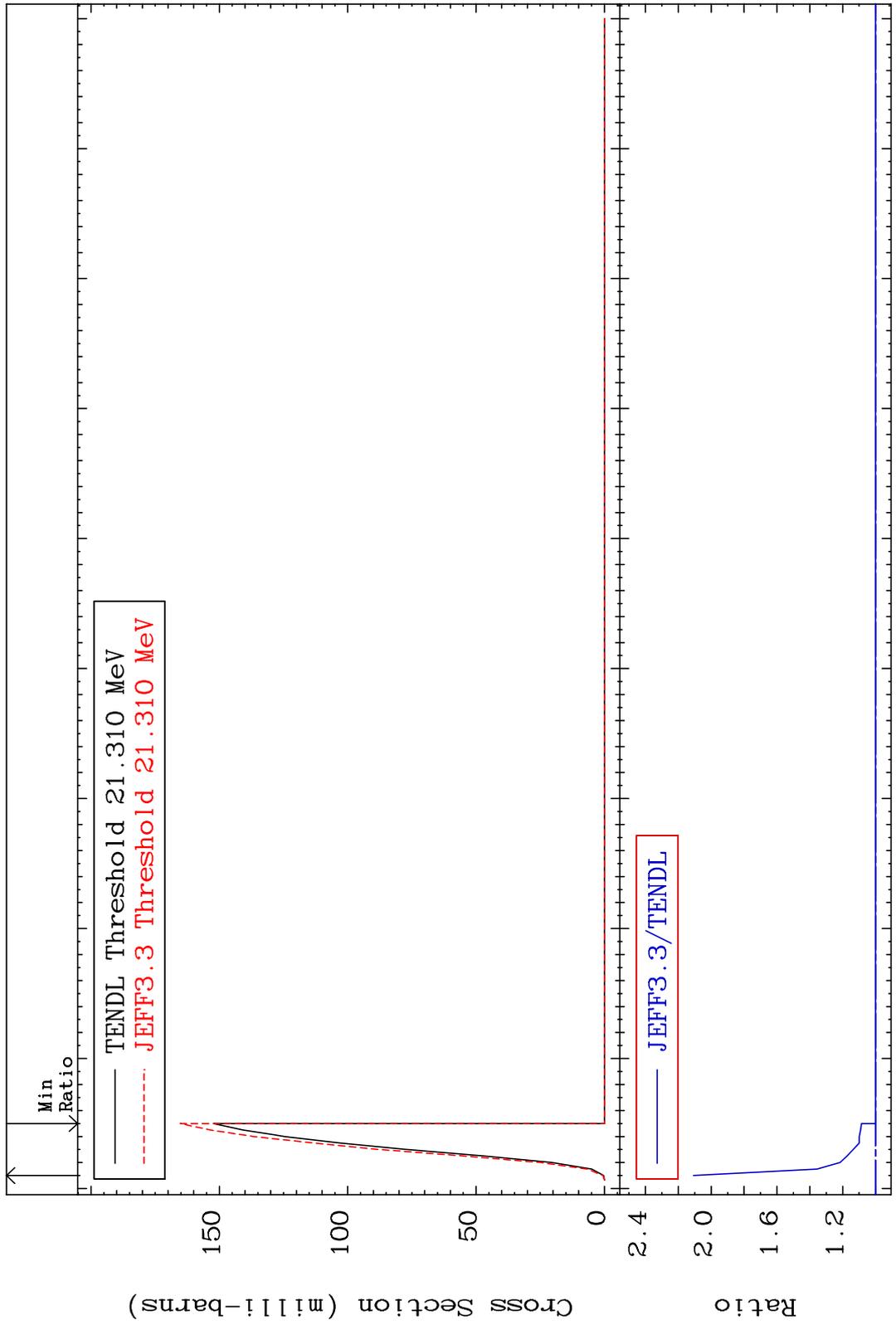
MAT 2325

(n, 3n)

23-V -50

Cross Section

0.000 To 110.7 %



23-V -50

Incident Energy (MeV)

6

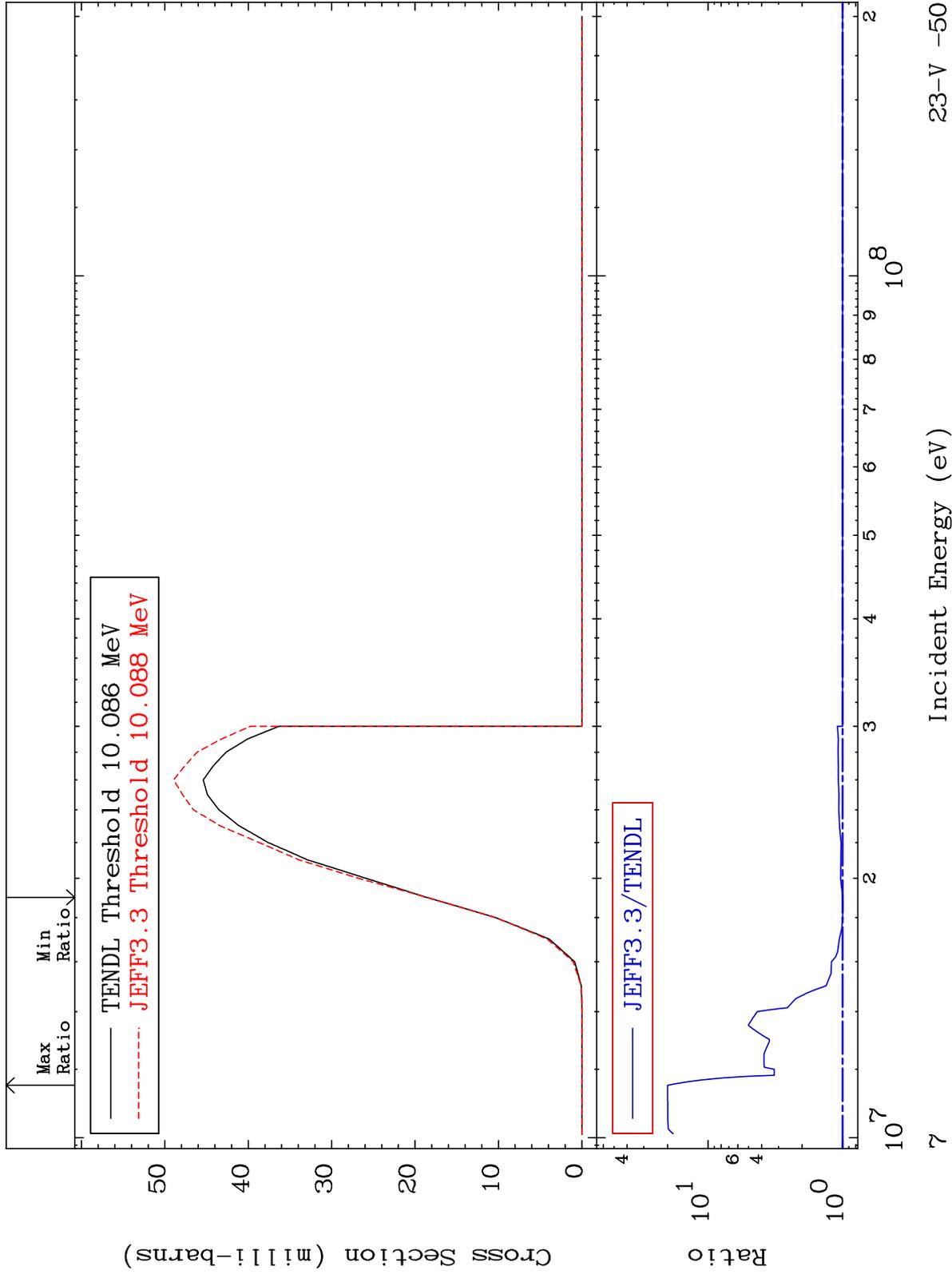
MAT 2325

(n,n')  $\alpha$

23-V -50

Cross Section

-0.346 To 1897. %



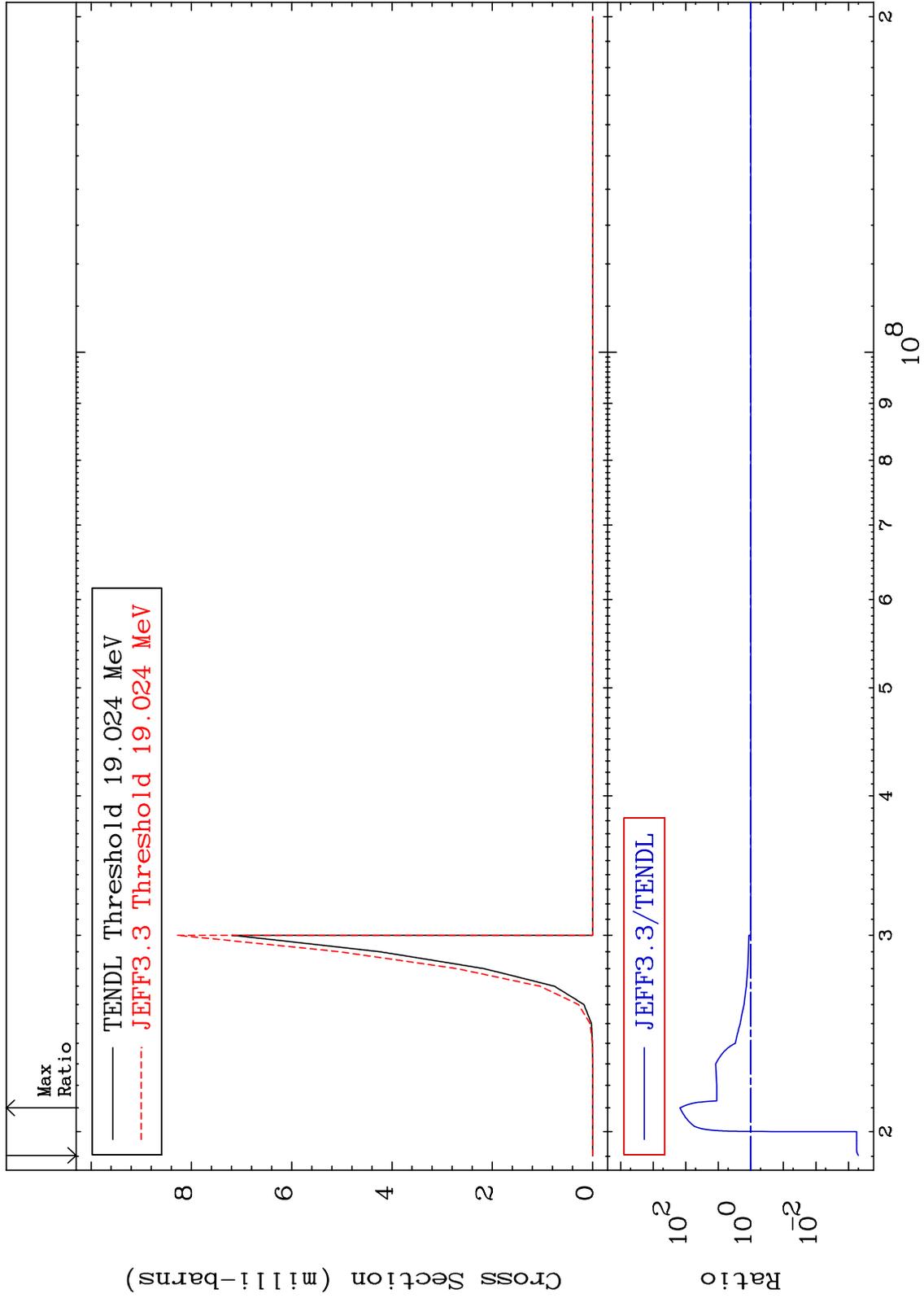
MAT 2325

(n,2n)  $\alpha$

23-V -50

Cross Section

-99.95 To 9999. %



8

Incident Energy (eV)

23-V -50

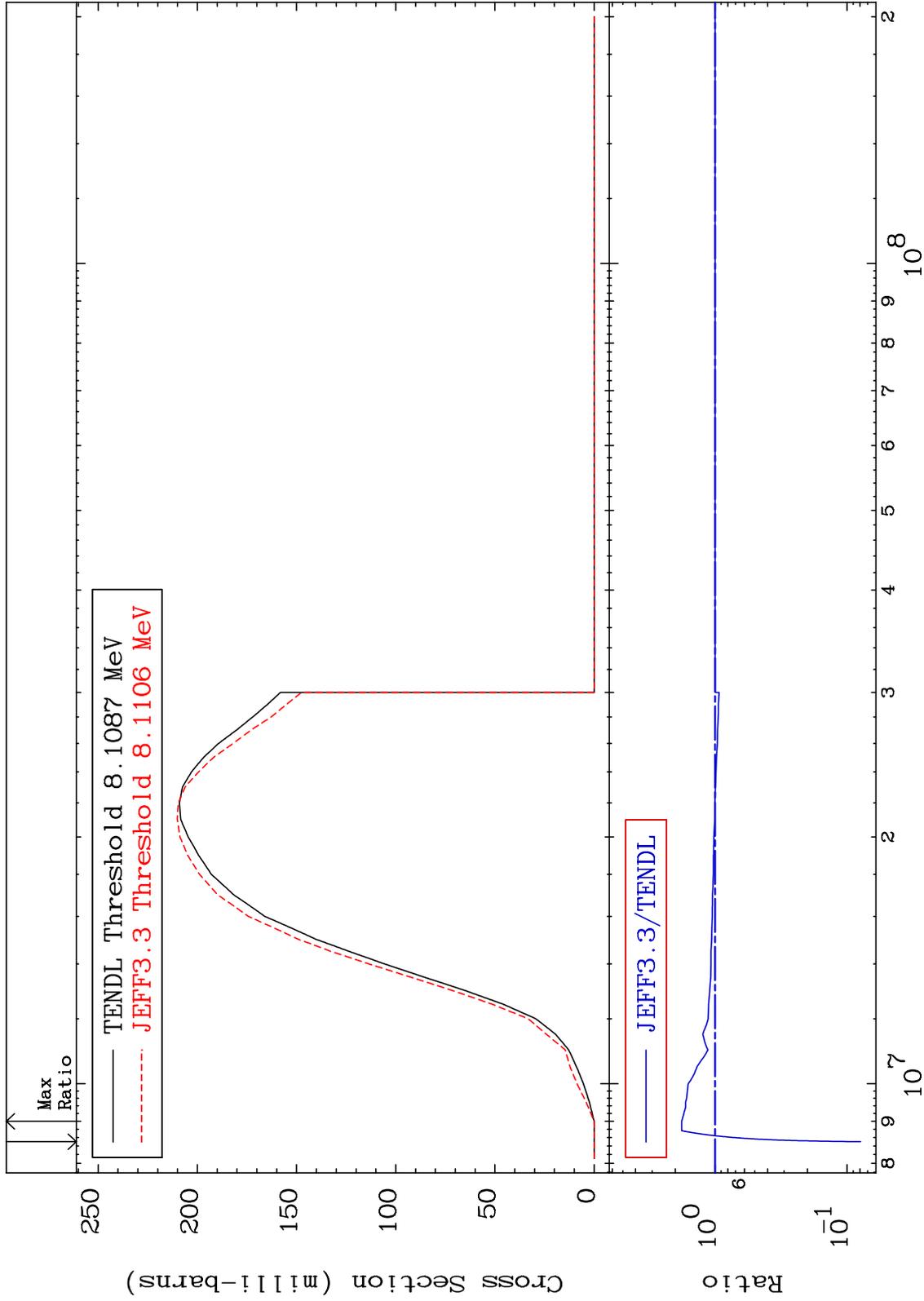
MAT 2325

(n,n') p

23-V -50

Cross Section

-92.11 To 78.83 %



9

Incident Energy (eV)

23-V -50

MAT 2325

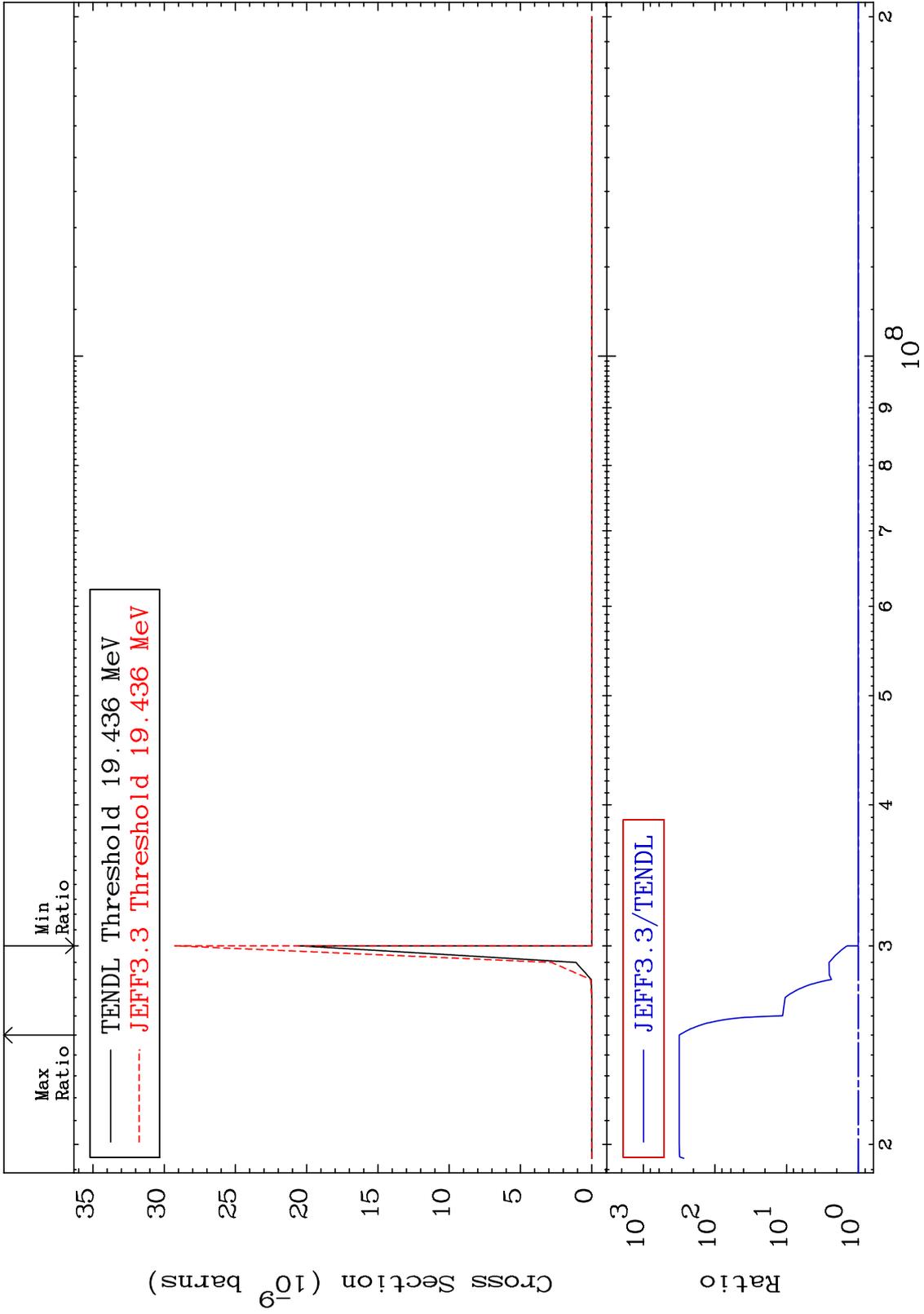
(n,n') 2α

23-V -50

Cross Section

0.000

To 9999. %



10

Incident Energy (eV)

23-V -50

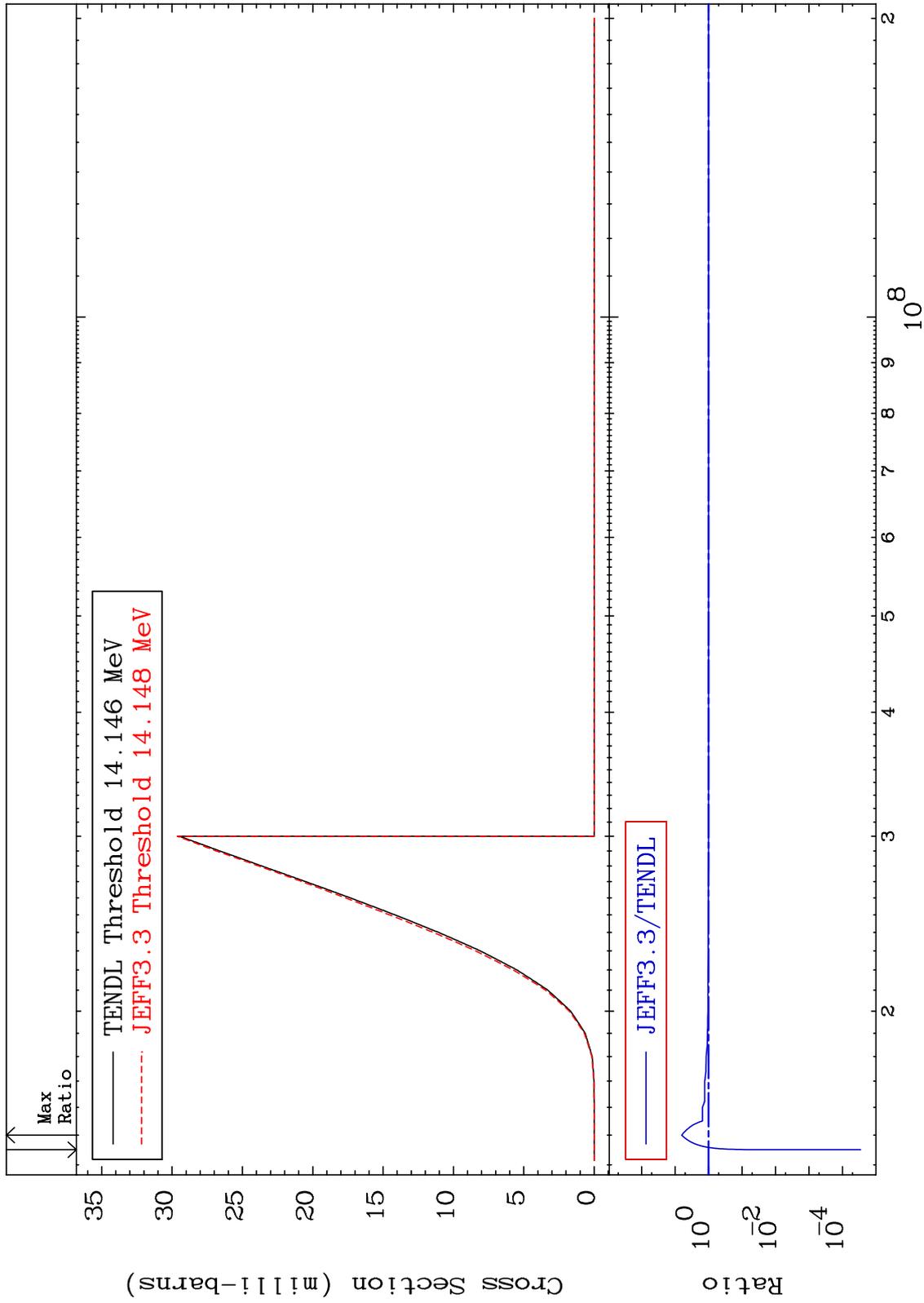
MAT 2325

(n, n') d

23-V -50

Cross Section

-100.0 To 535.6 %



MAT 2325

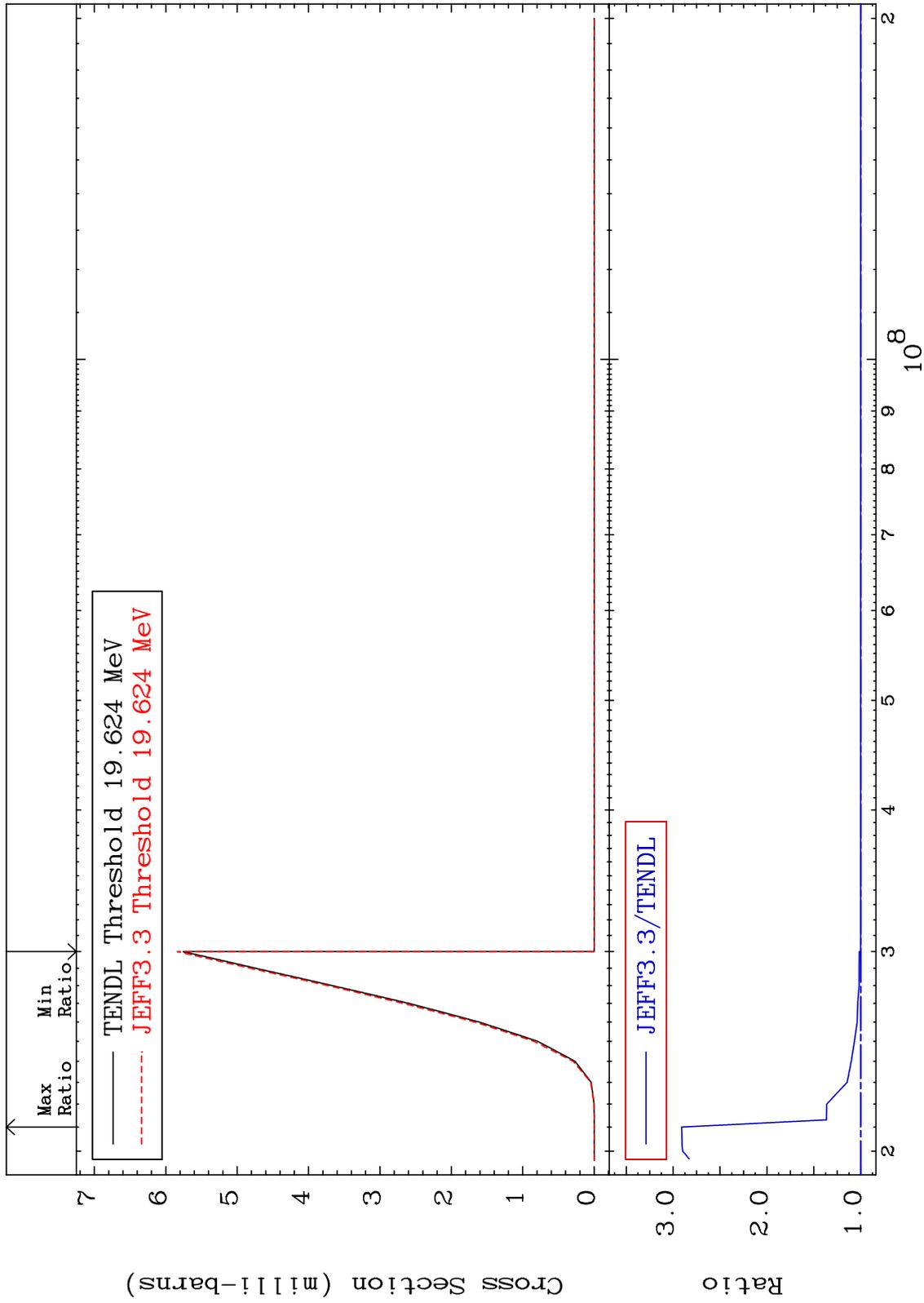
(n,n') t

23-V -50

Cross Section

0.000

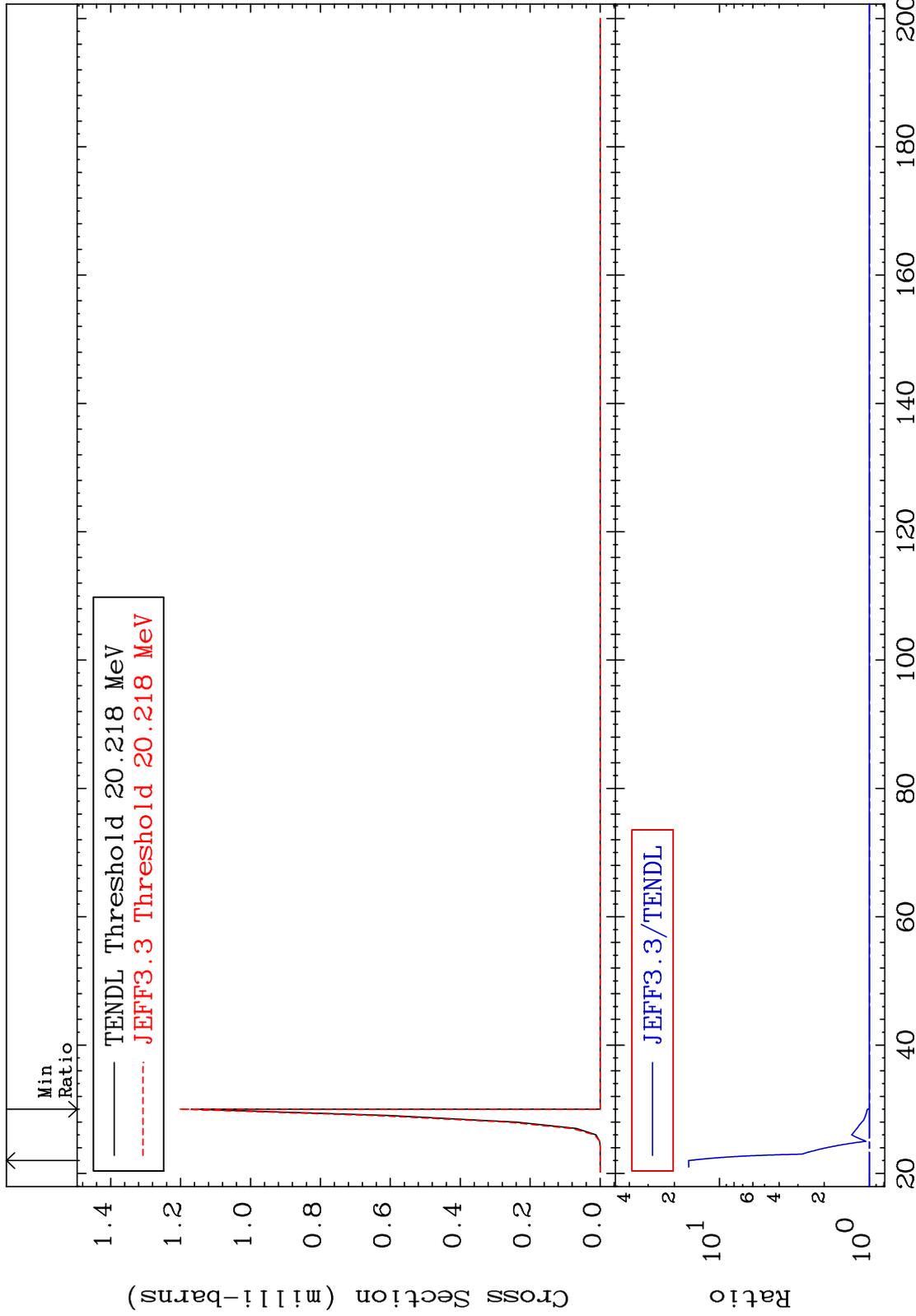
To 190.8 %



MAT 2325

(n,n') He-3  
Cross Section

23-V -50  
0.000 To 1509. %



23-V -50

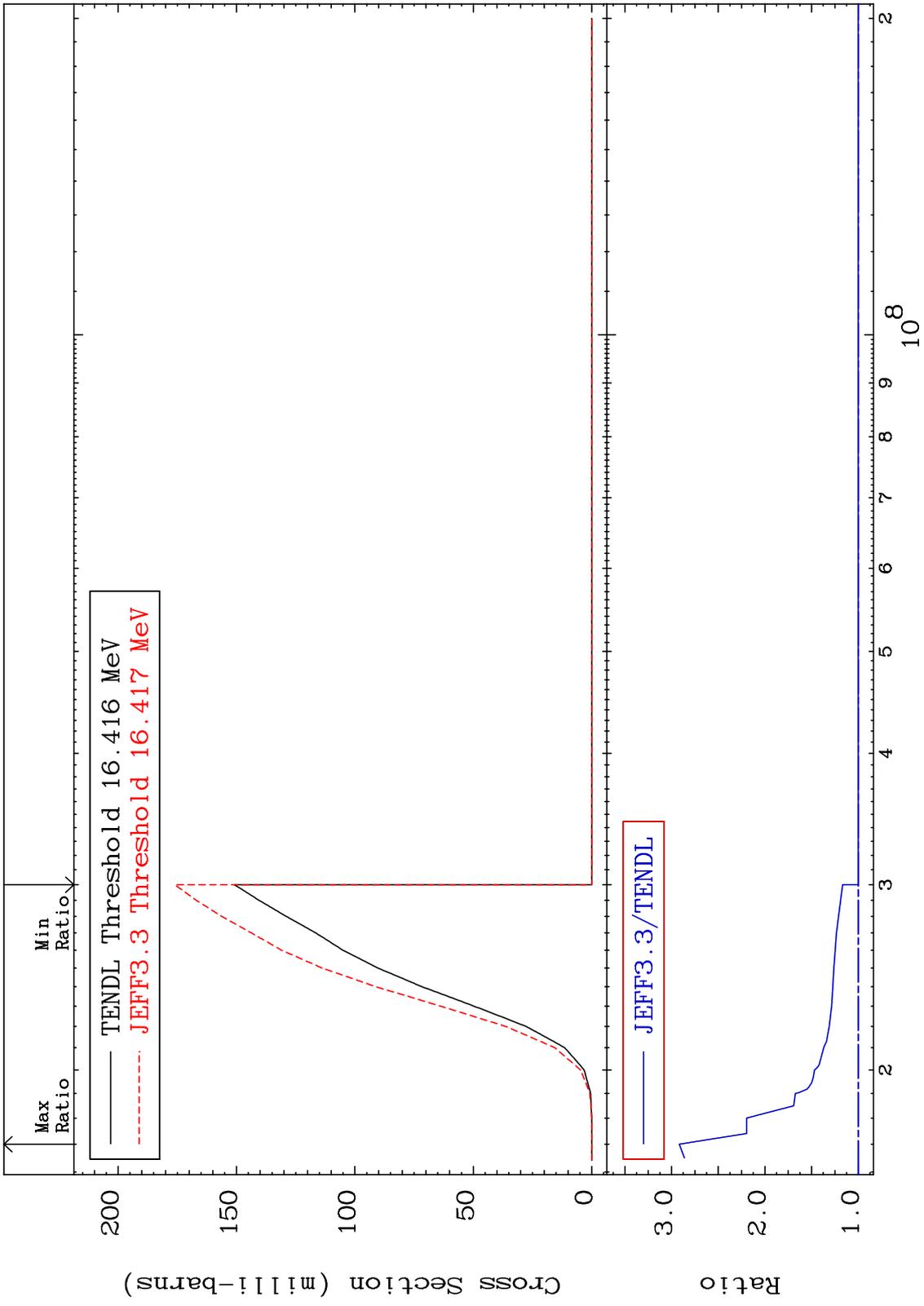
Incident Energy (MeV)

13

MAT 2325

(n,2n) p  
Cross Section

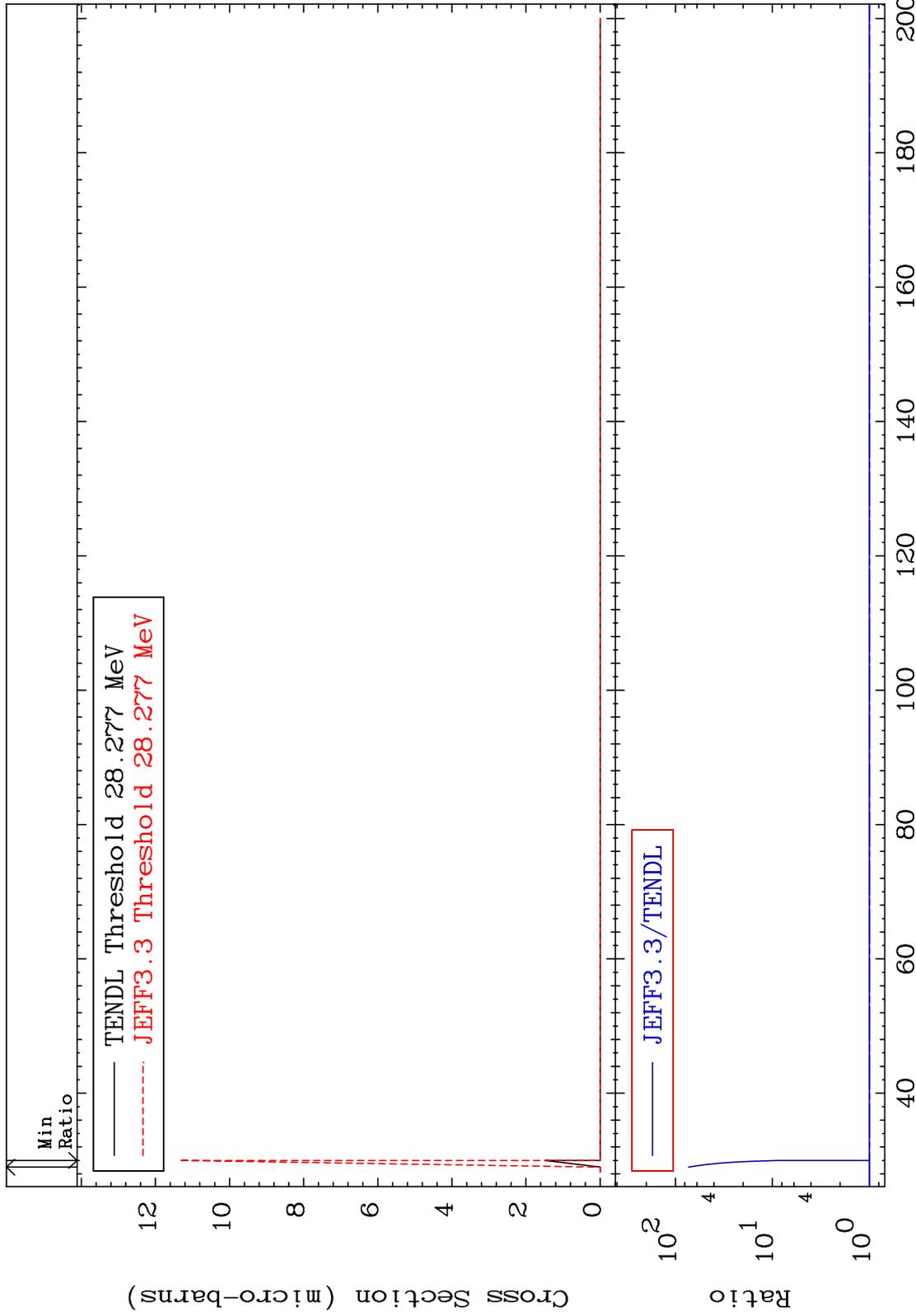
23-V -50  
0.000 To 191.7 %



MAT 2325

(n,3n) p  
Cross Section

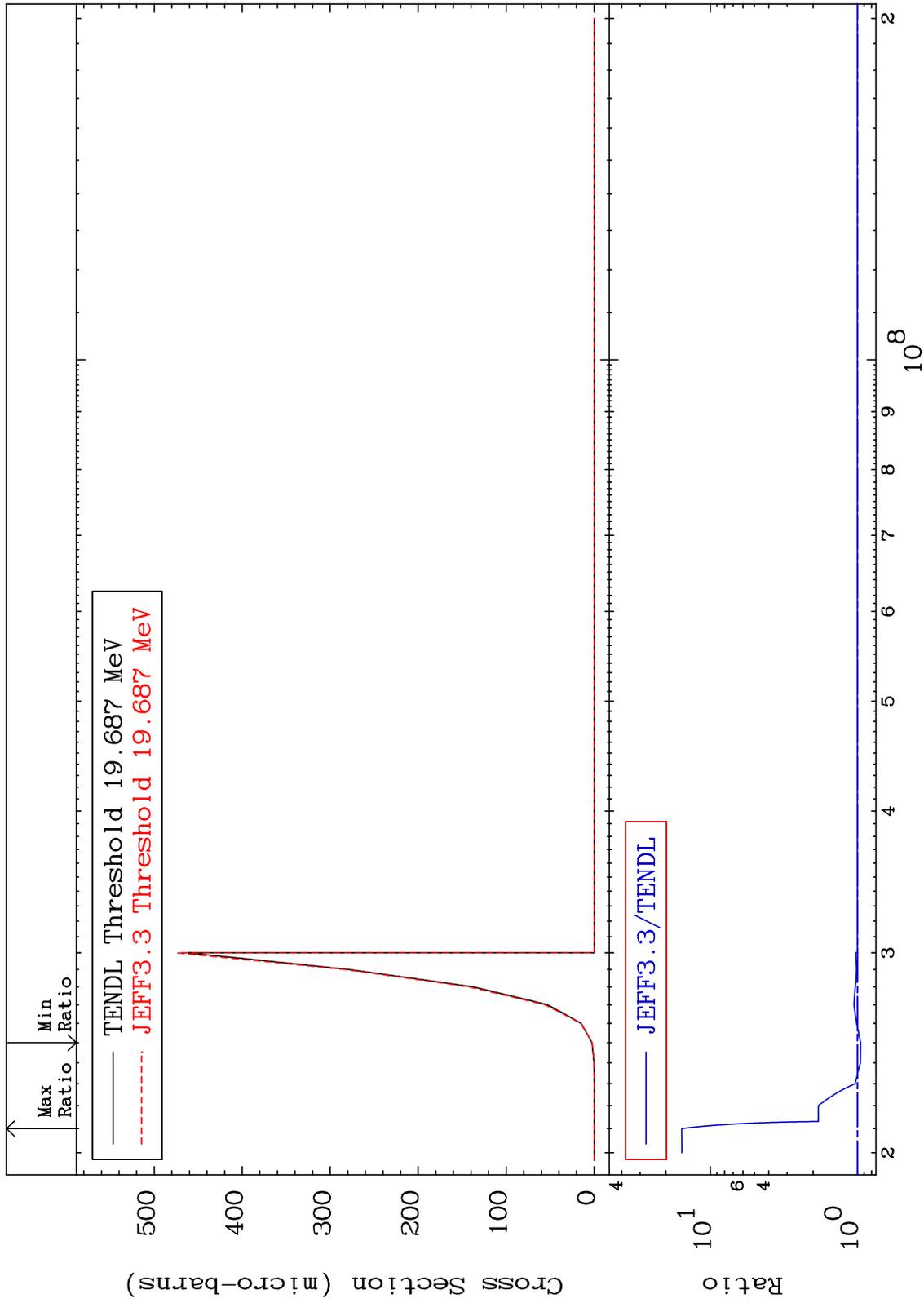
23-V -50  
0.000 To 7211. %



MAT 2325

(n,2n) p  
Cross Section

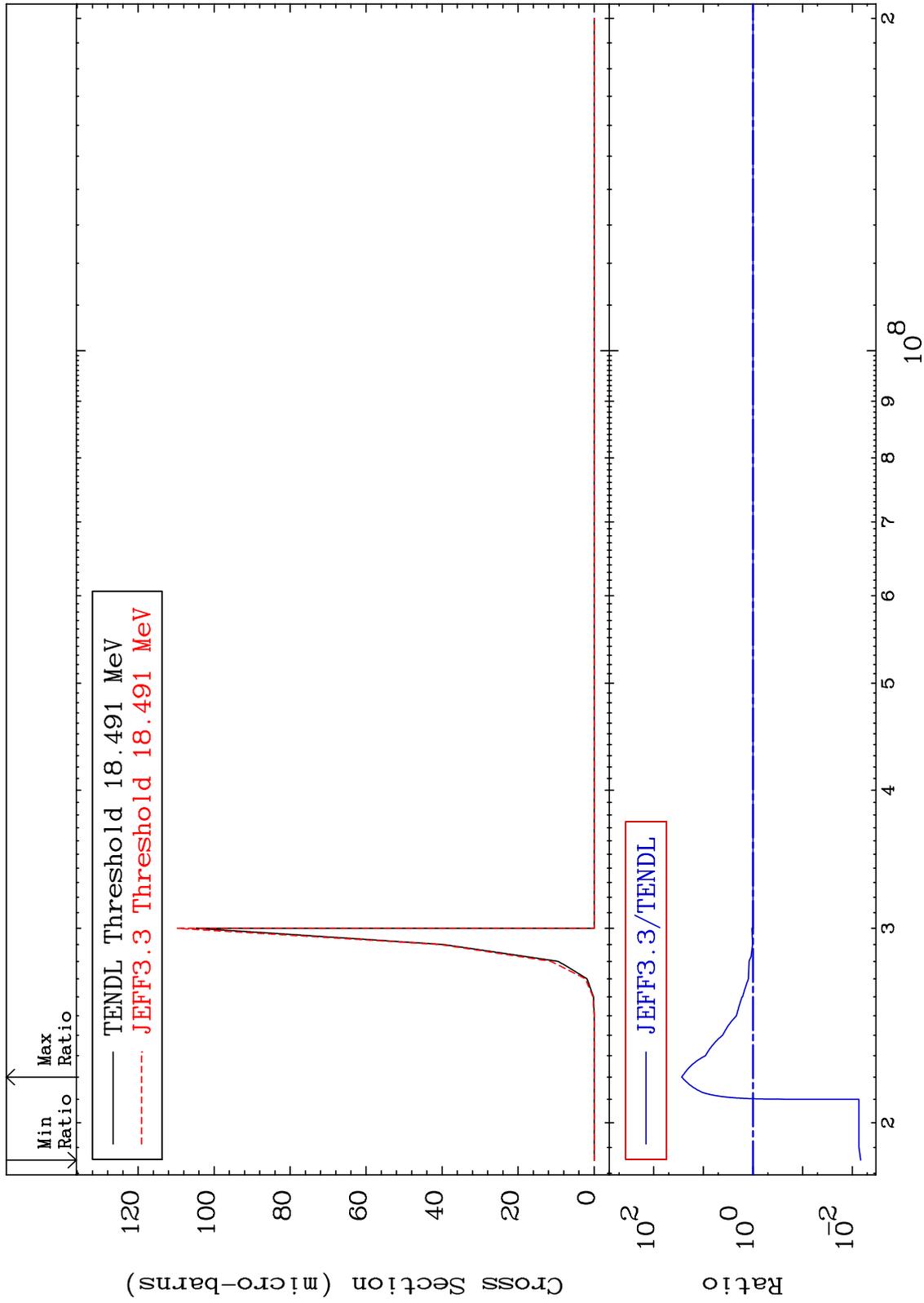
23-V -50  
-5.066 To 1462. %



MAT 2325

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

23-V -50  
-99.32 To 2630. %



17

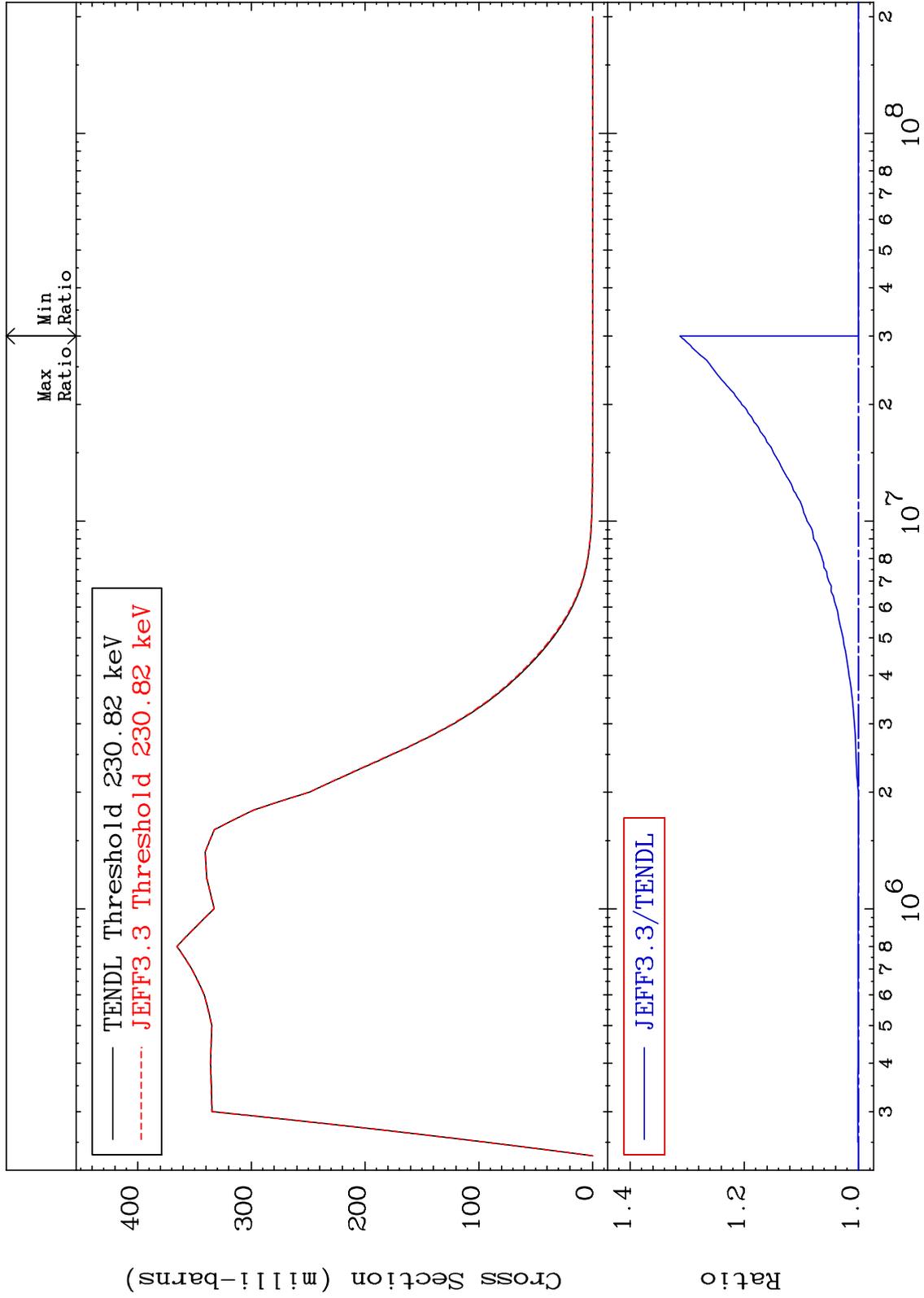
Incident Energy (eV)

23-V -50

MAT 2325

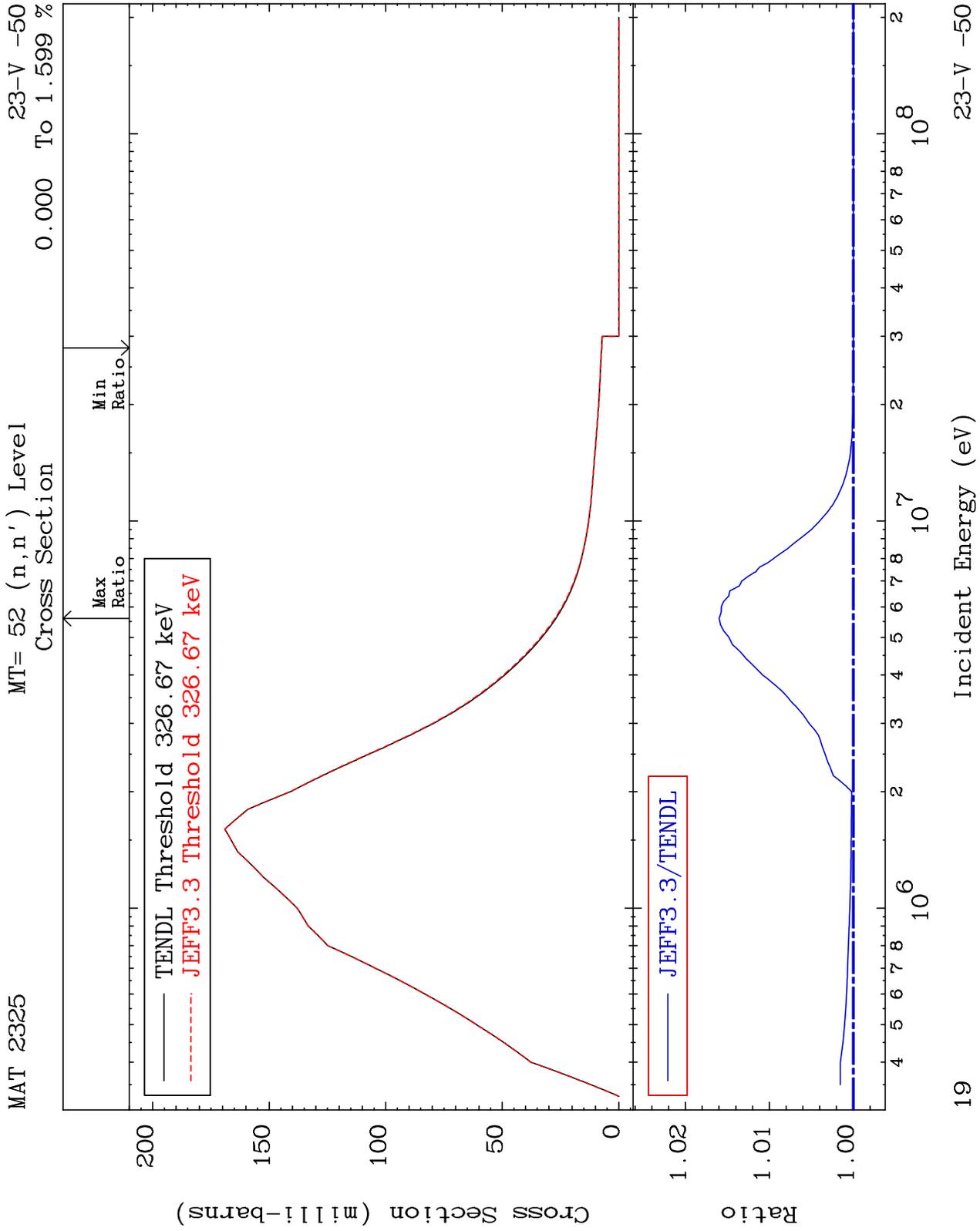
MT= 51 (n,n') Level  
Cross Section

0.000 To 31.27 %  
23-V -50



18

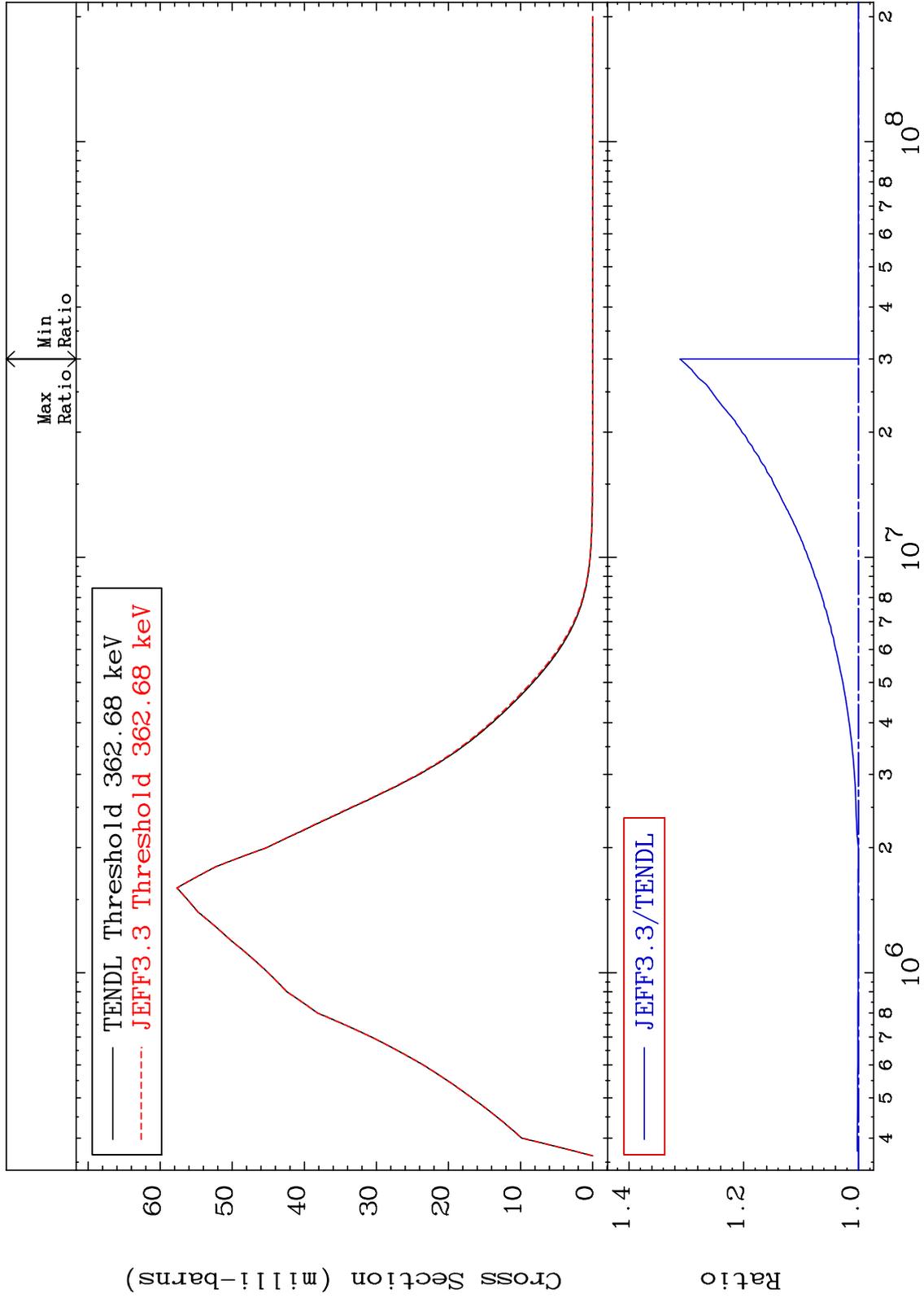
23-V -50



MAT 2325

MT= 53 (n,n') Level  
Cross Section

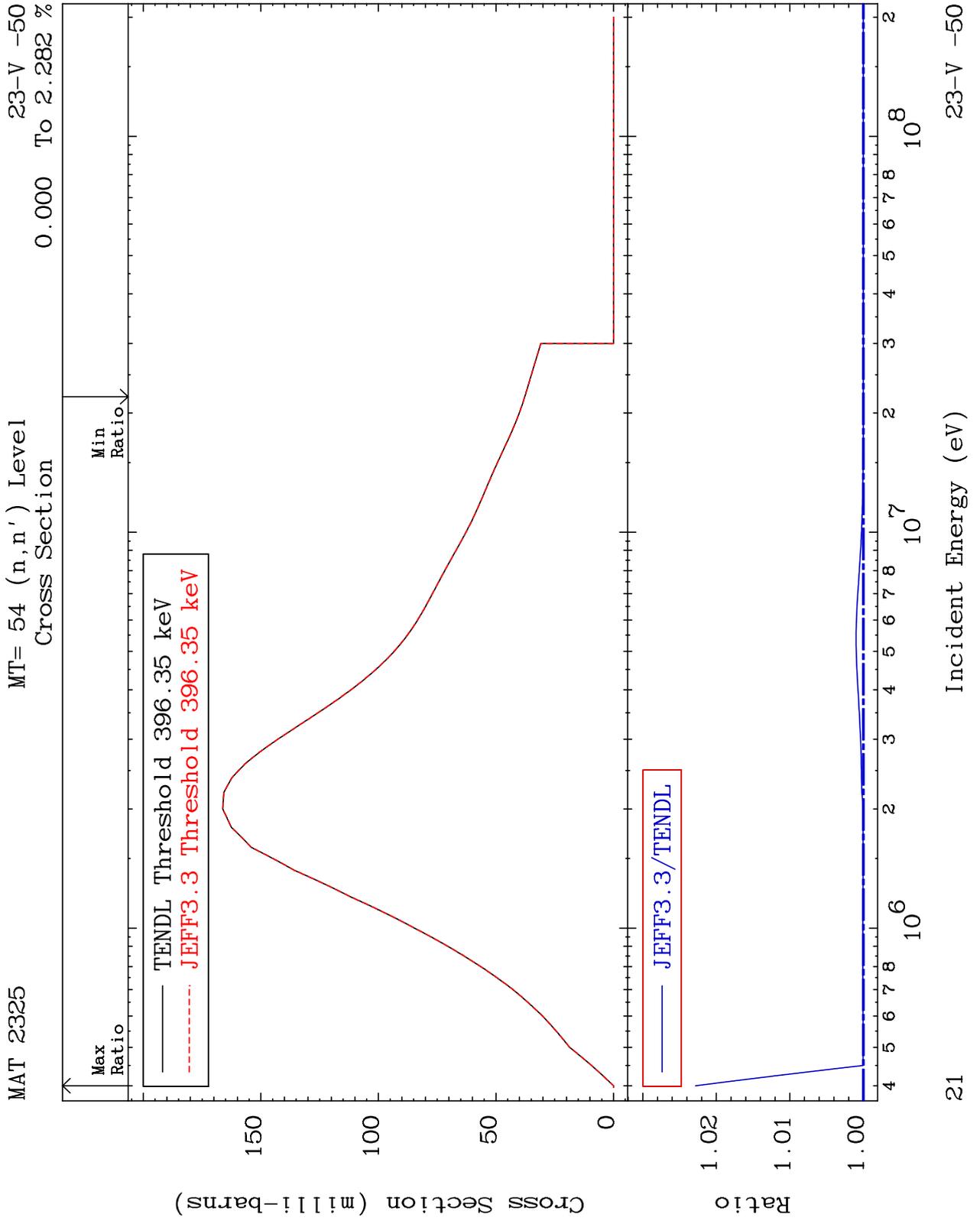
23-V -50  
0.000 To 31.11 %



20

Incident Energy (eV)

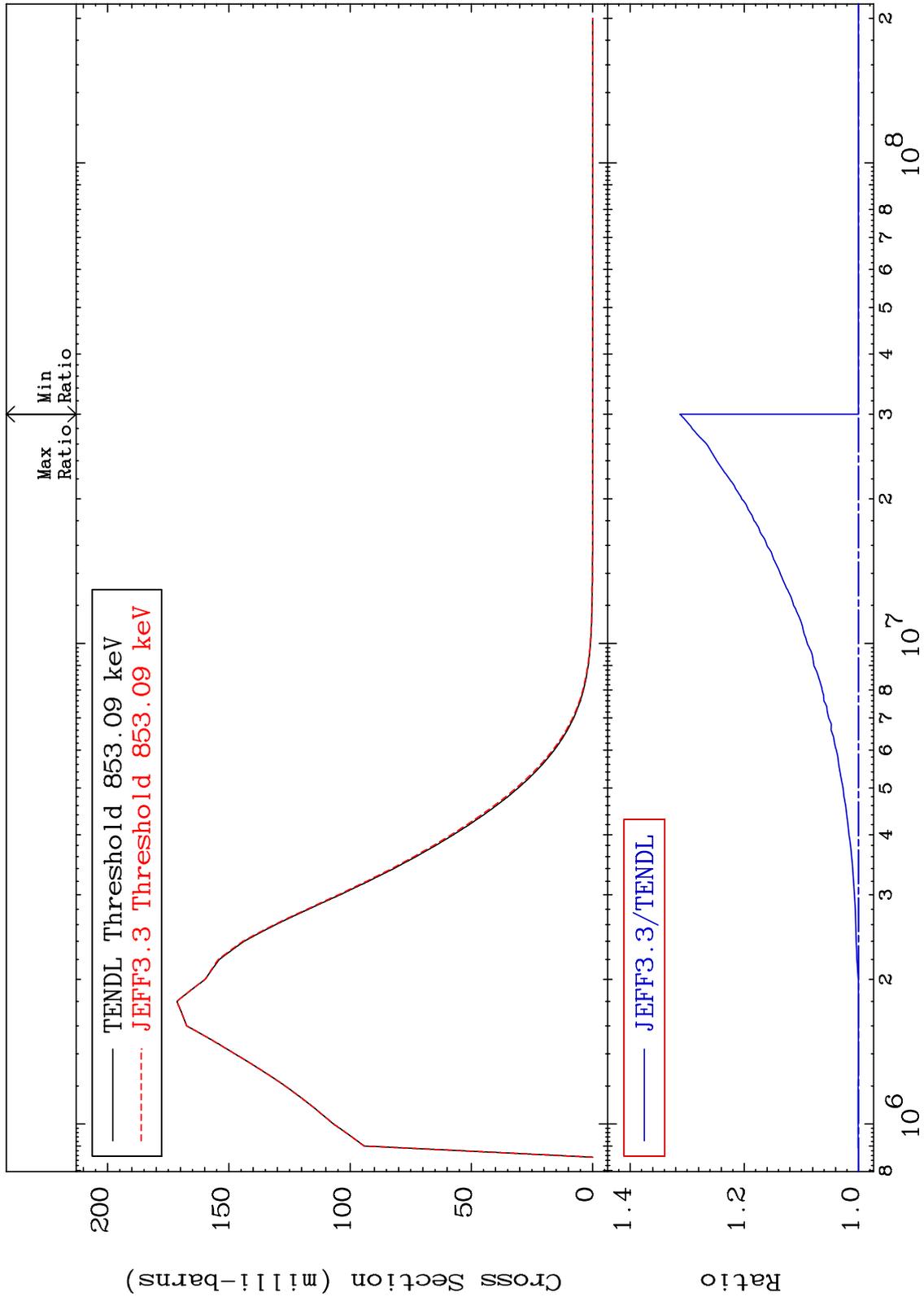
23-V -50



MAT 2325

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

23-V -50  
0.000 To 31.27 %



22

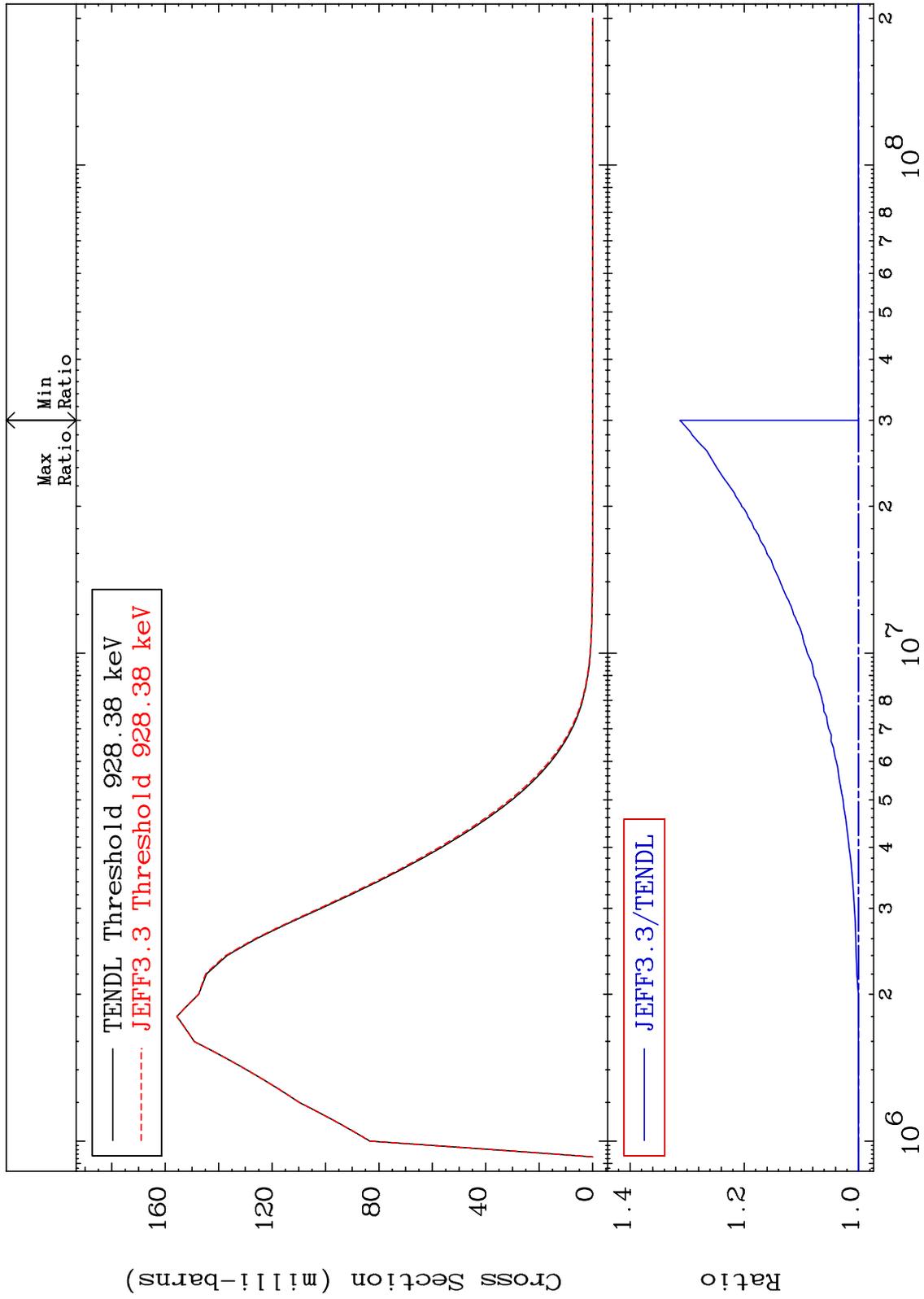
Incident Energy (eV)

23-V -50

MAT 2325

MT= 56 (n,n') Level  
Cross Section

23-V -50  
0.000 To 31.27 %



Incident Energy (eV)

23-V -50

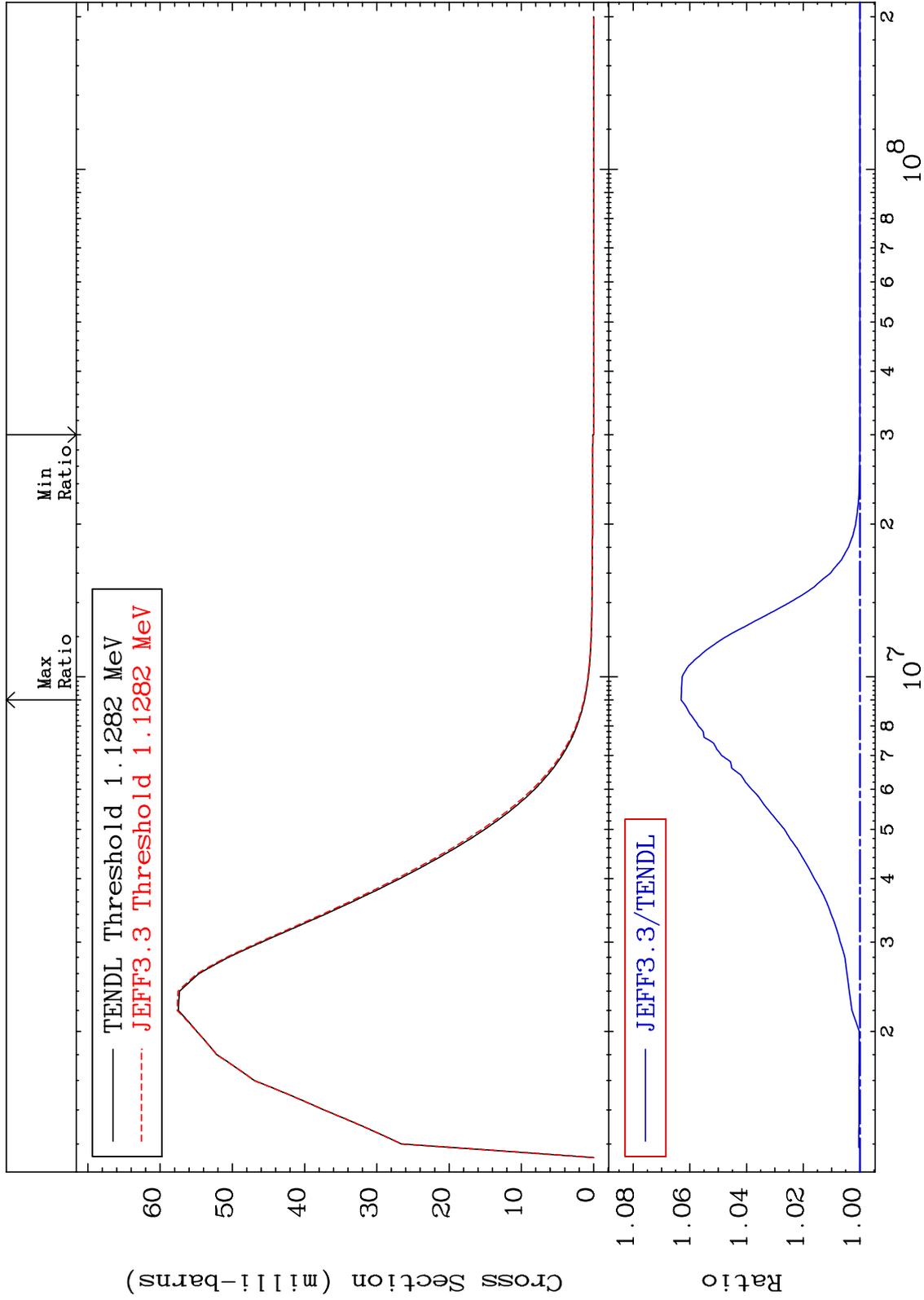
23

MAT 2325

MT= 57 (n,n') Level

23-V -50

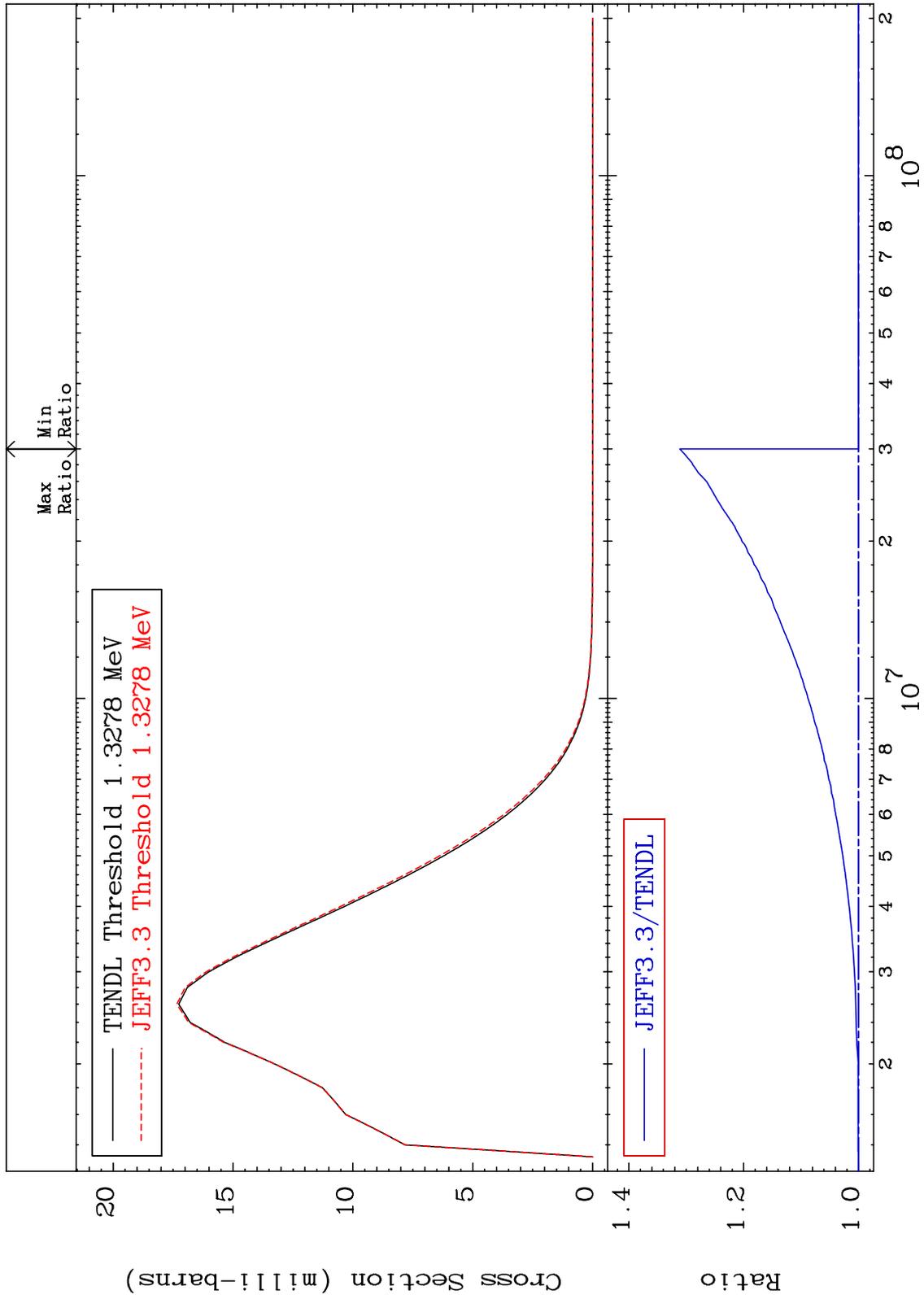
Cross Section 0.000 To 6.309 %



MAT 2325

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

23-V -50  
0.000 To 31.11 %



25

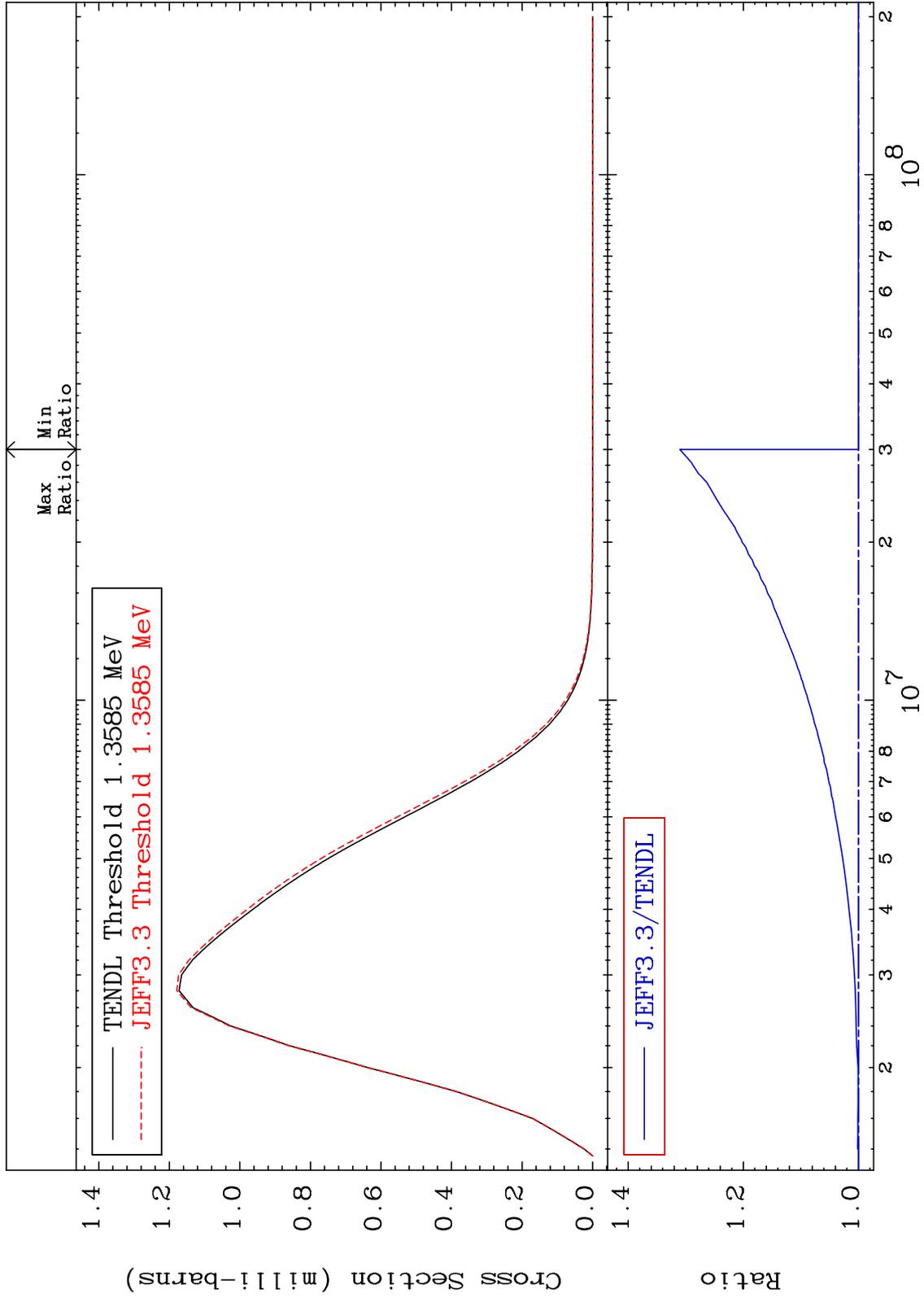
Incident Energy (eV)

23-V -50

MAT 2325

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

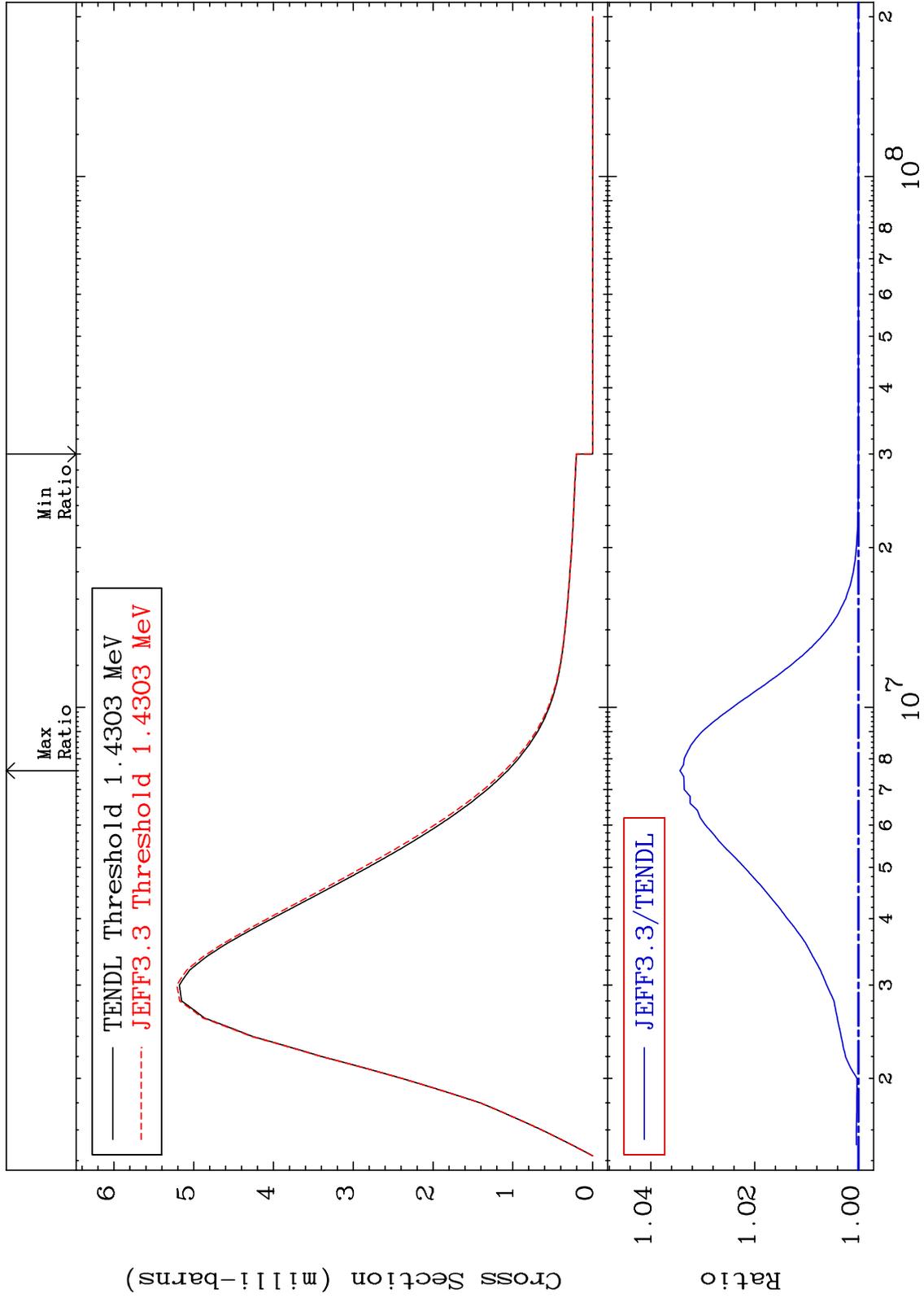
0.000 To 31.01 %  
23-V -50



MAT 2325

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

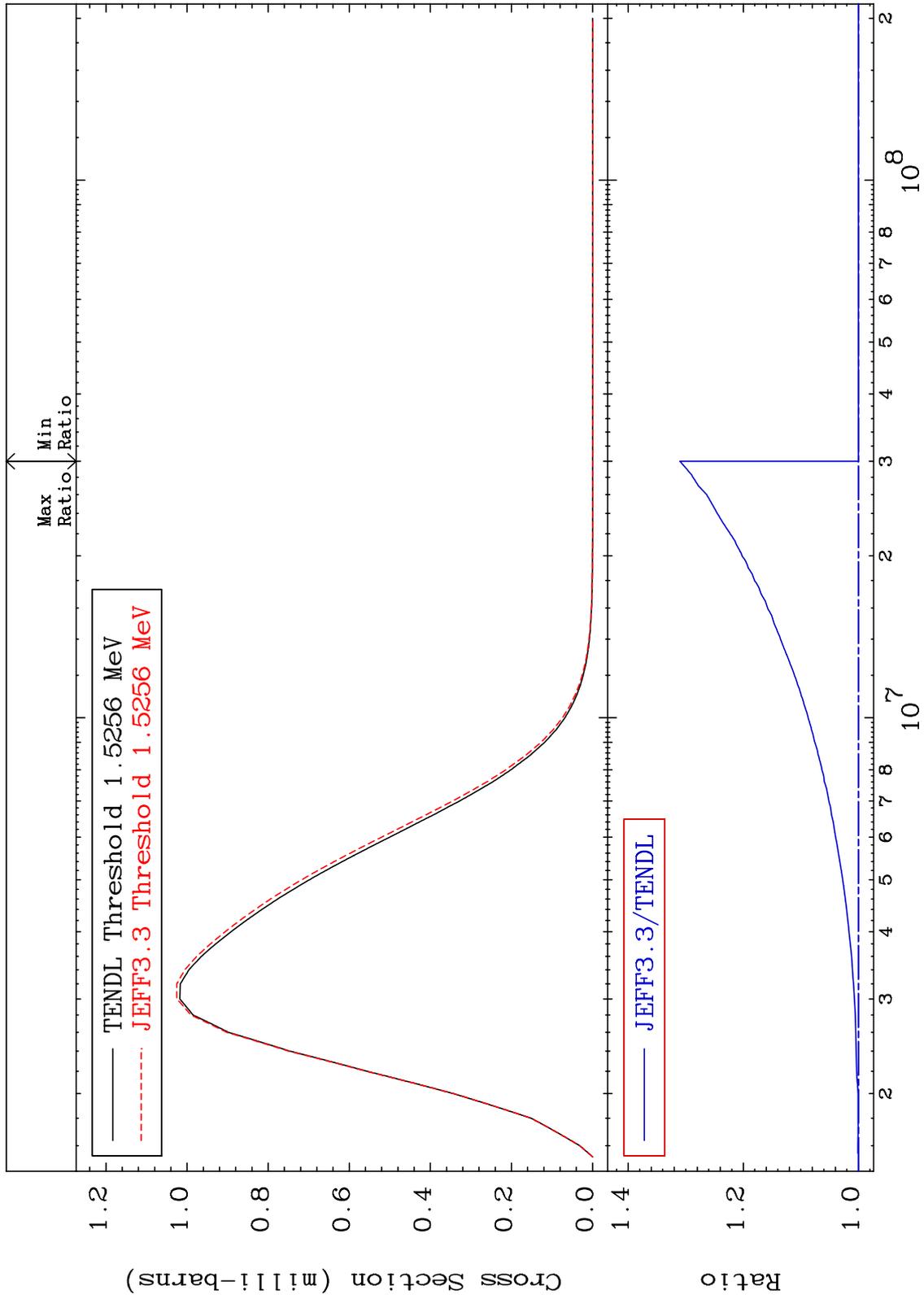
23-V -50  
0.000 To 3.440 %



MAT 2325

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

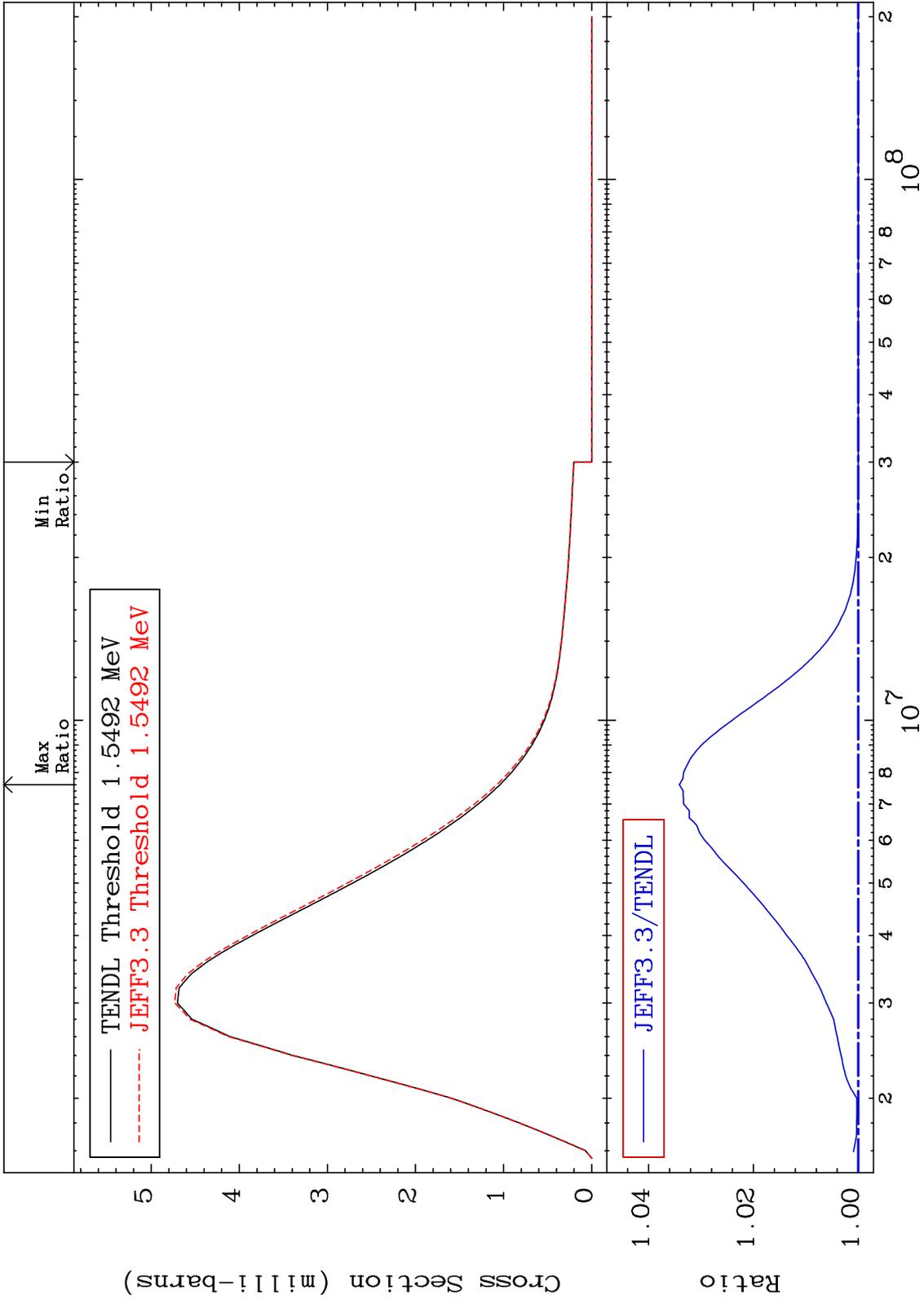
23-V -50  
0.000 To 31.01 %



MAT 2325

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

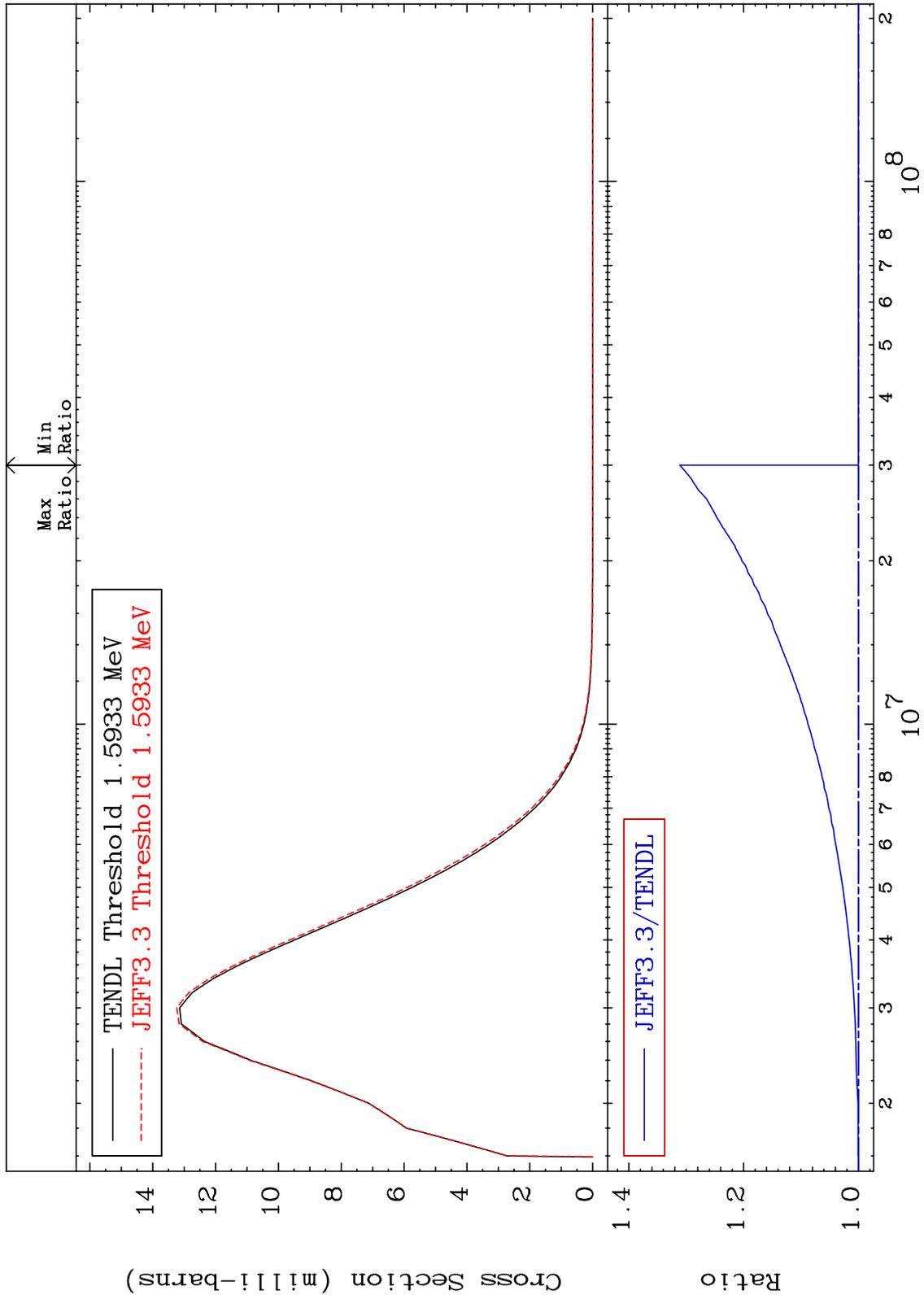
23-V -50  
0.000 To 3.415 %



MAT 2325

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

23-V -50  
0.000 To 31.10 %



30

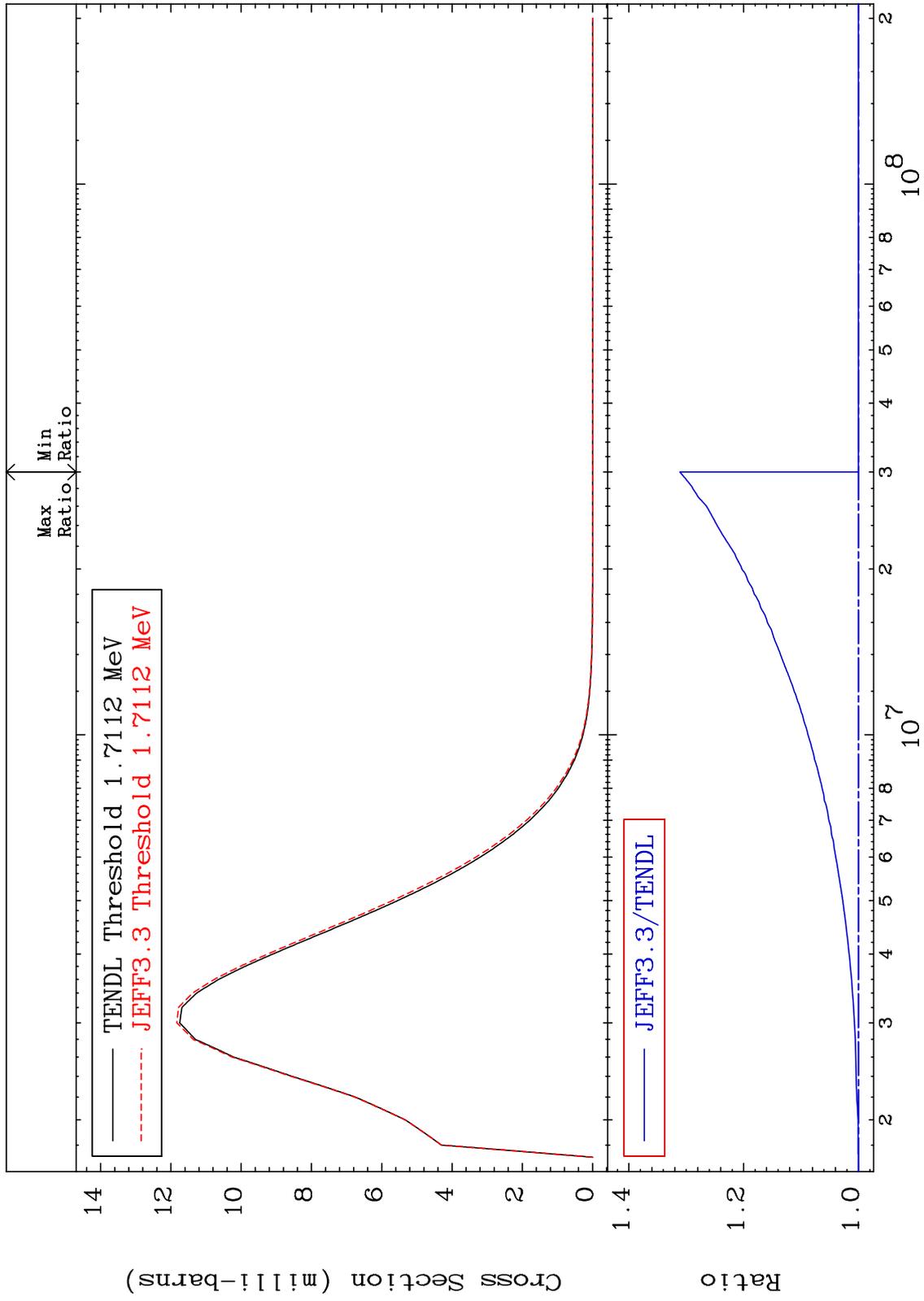
Incident Energy (eV)

23-V -50

MAT 2325

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

23-V -50  
0.000 To 31.10 %



31

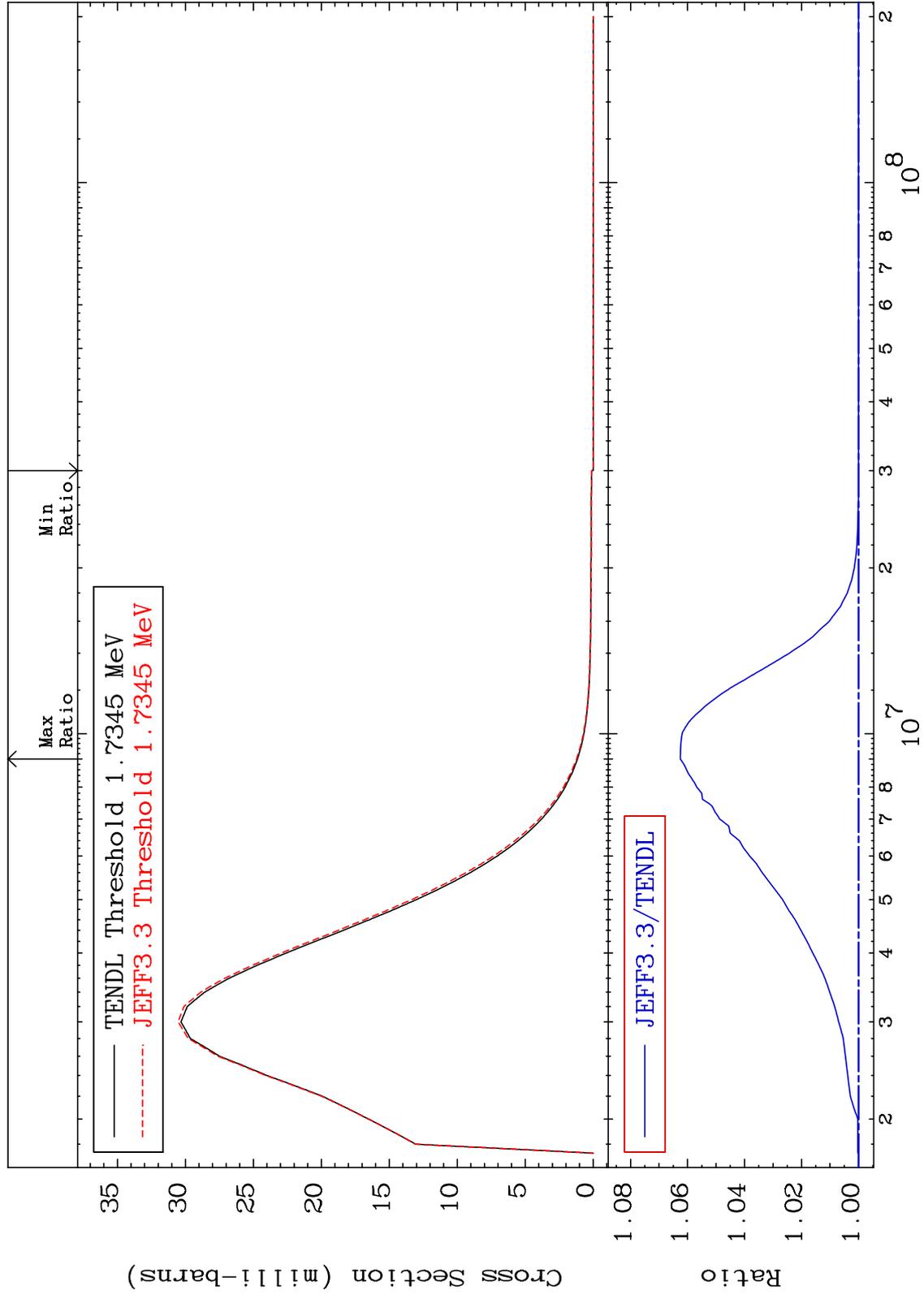
Incident Energy (eV)

23-V -50

MAT 2325

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

23-V -50  
0.000 To 6.251 %



32

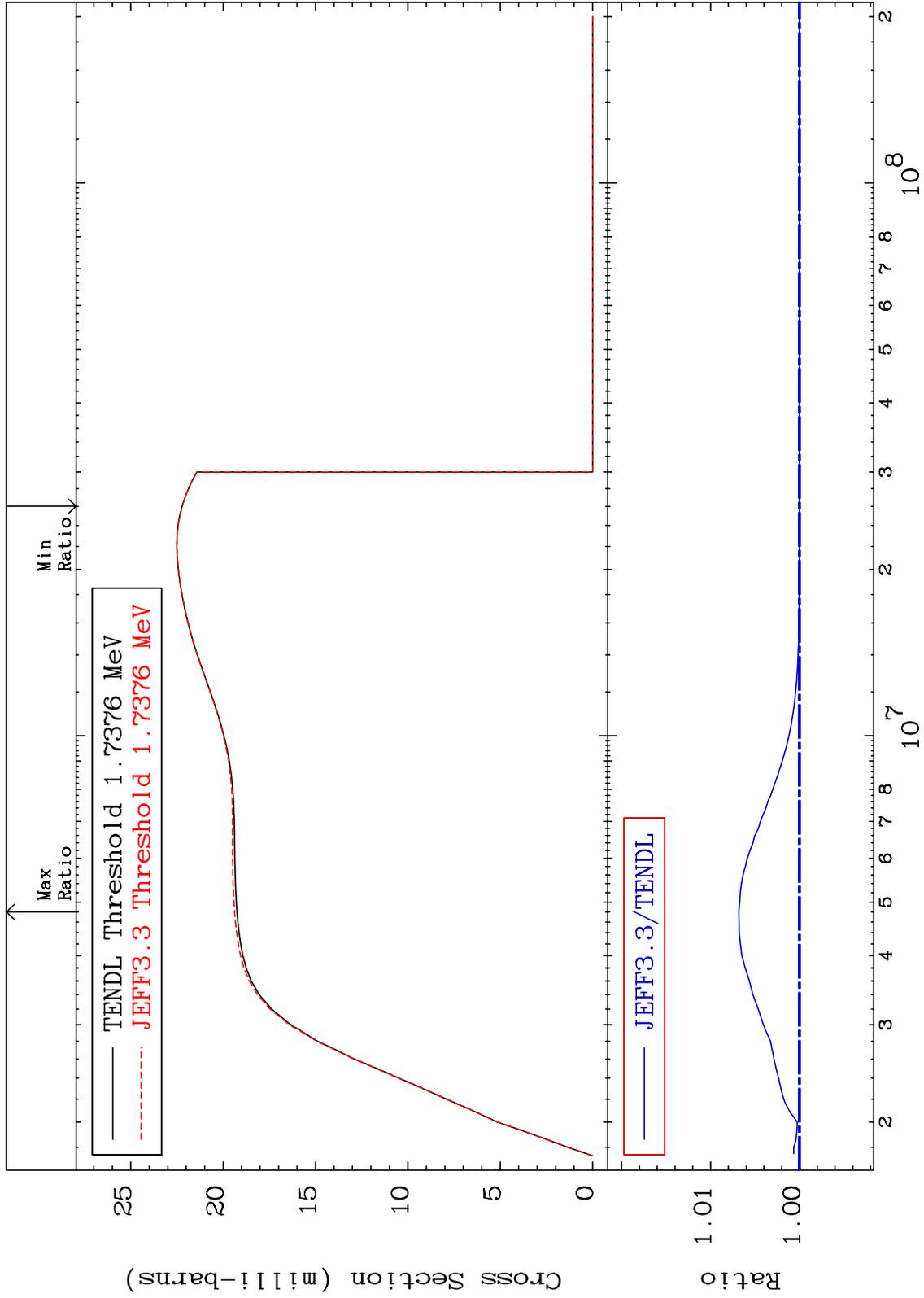
Incident Energy (eV)

23-V -50

MAT 2325

MT= 66 (n, n') Level  
Cross Section

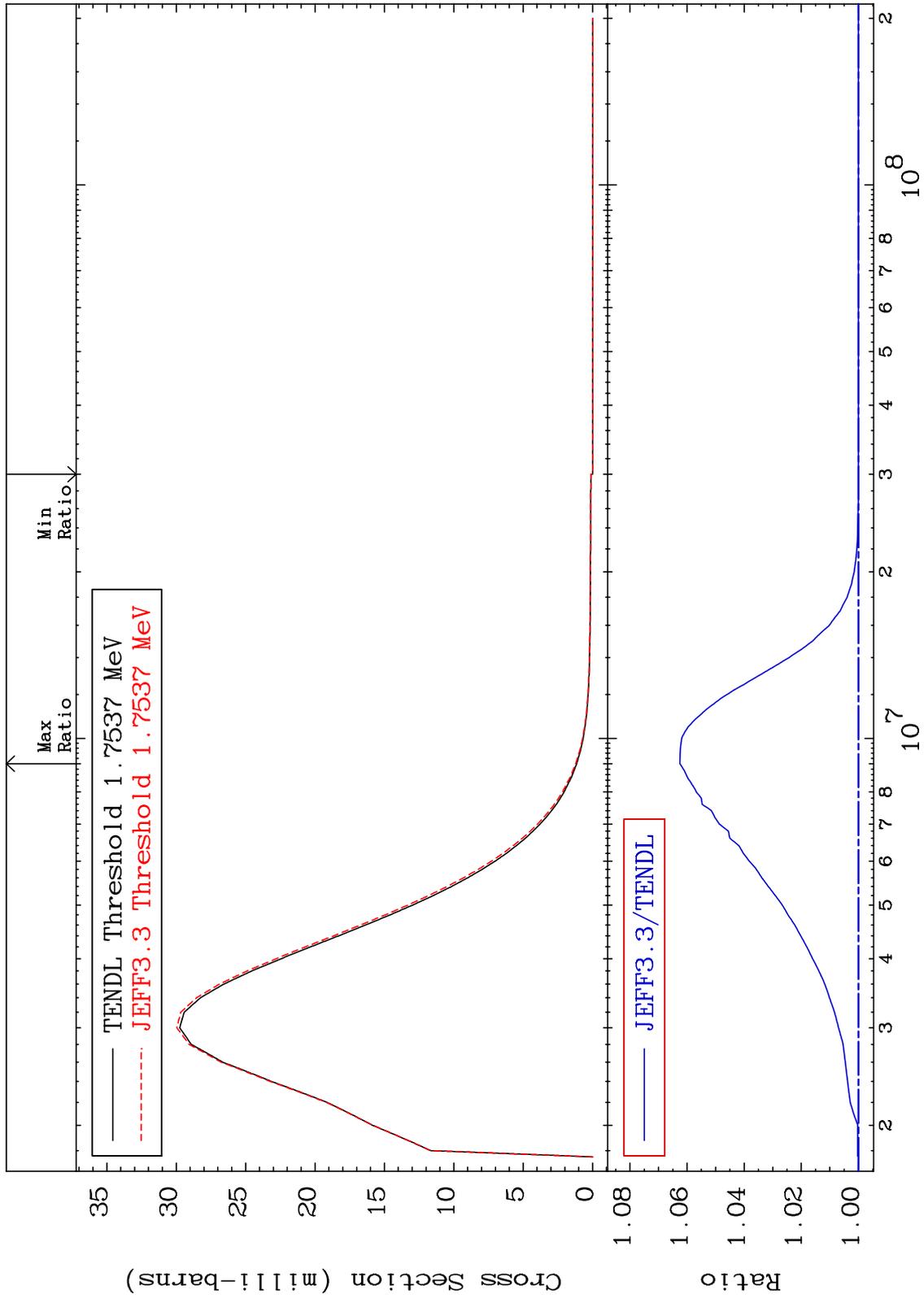
23-V -50  
0.000 To 0.682 %



MAT 2325

MT= 67 (n,n') Level  
Cross Section

23-V -50  
0.000 To 6.250 %



34

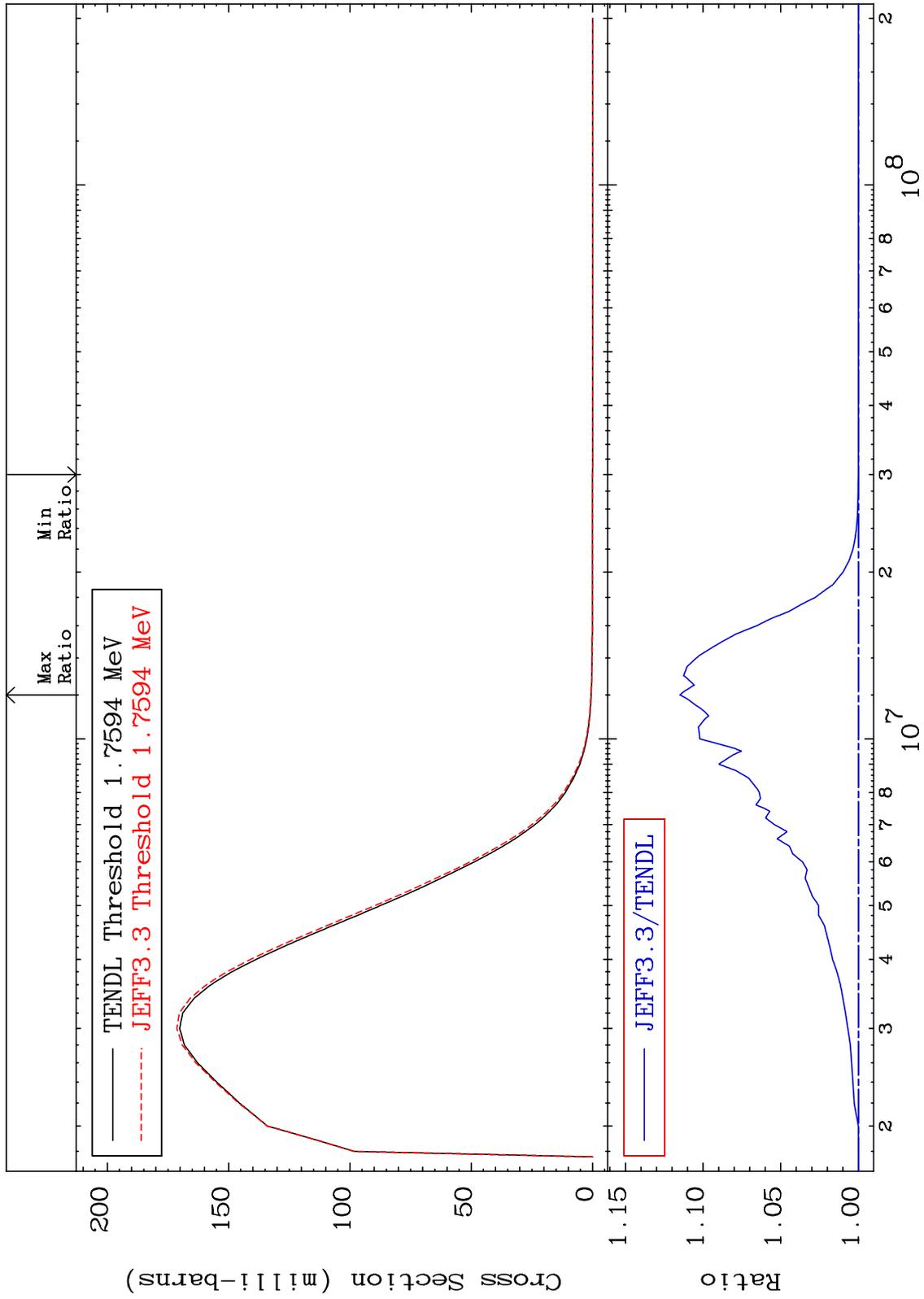
Incident Energy (eV)

23-V -50

MAT 2325

MT= 68 (n,n') Level  
Cross Section

0.000 To 11.49 %  
23-V -50



35

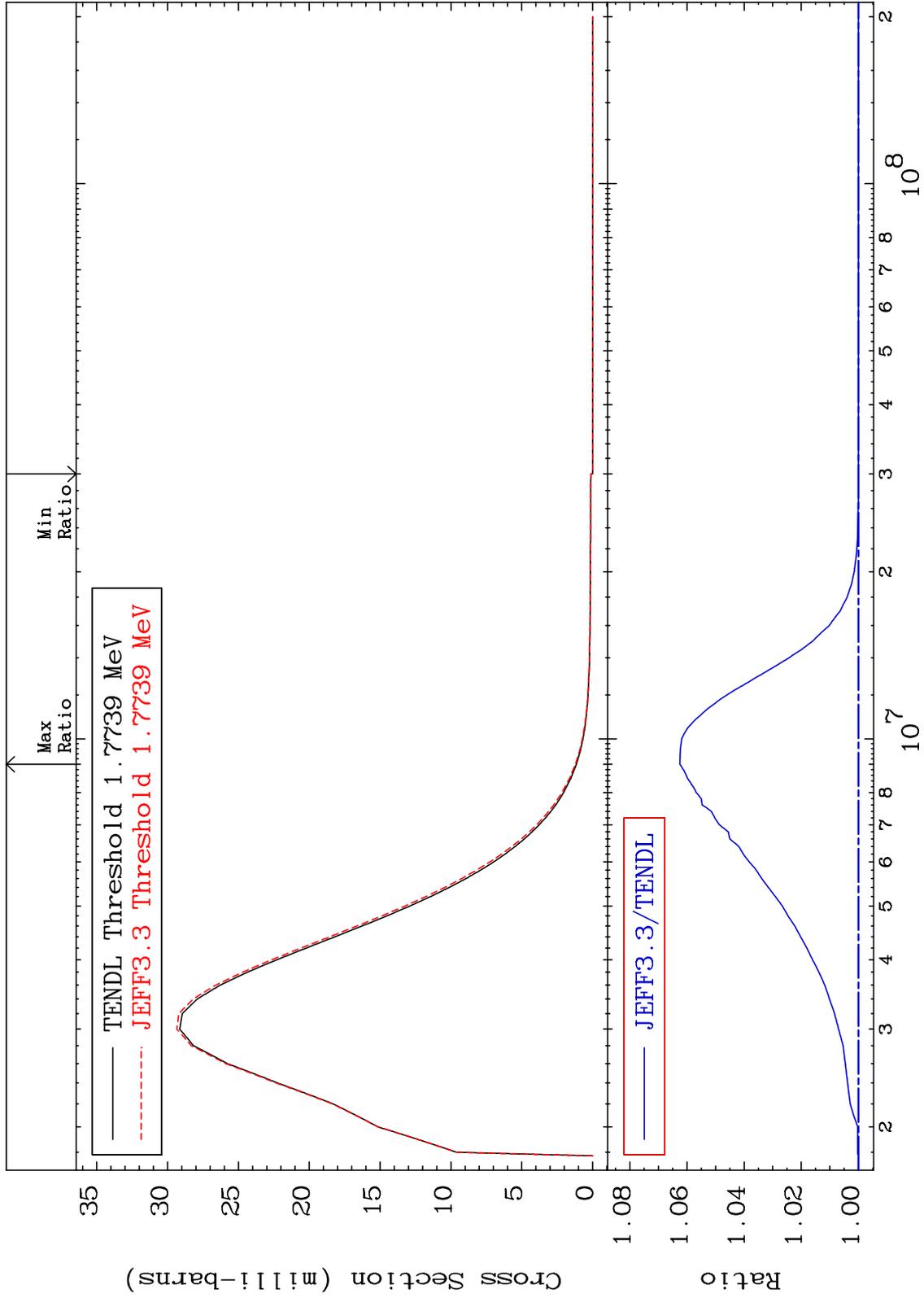
Incident Energy (eV)

23-V -50

MAT 2325

MT= 69 (n,n') Level  
Cross Section

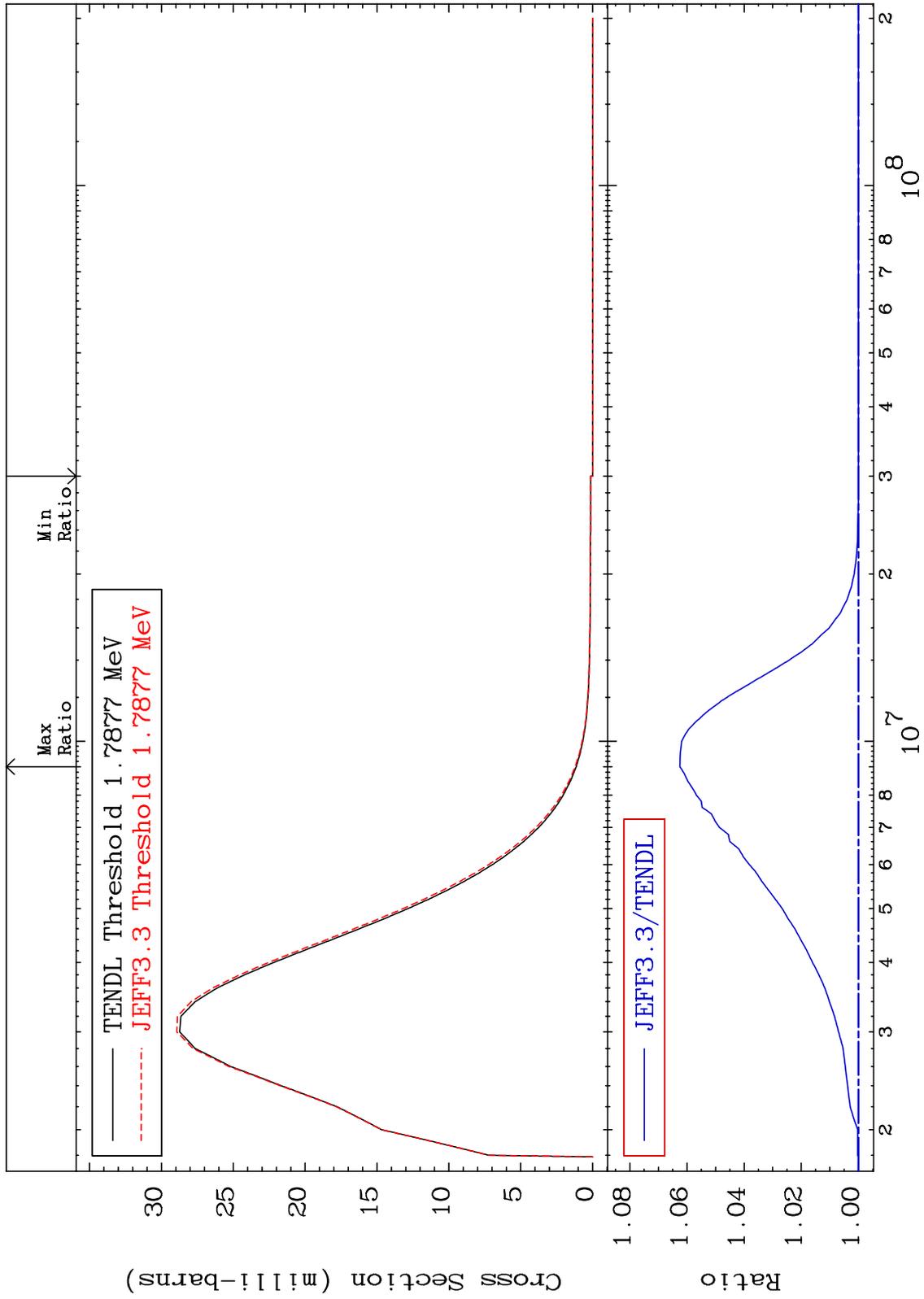
23-V -50  
0.000 To 6.248 %



MAT 2325

MT= 70 (n,n') Level  
Cross Section

23-V -50  
0.000 To 6.248 %



37

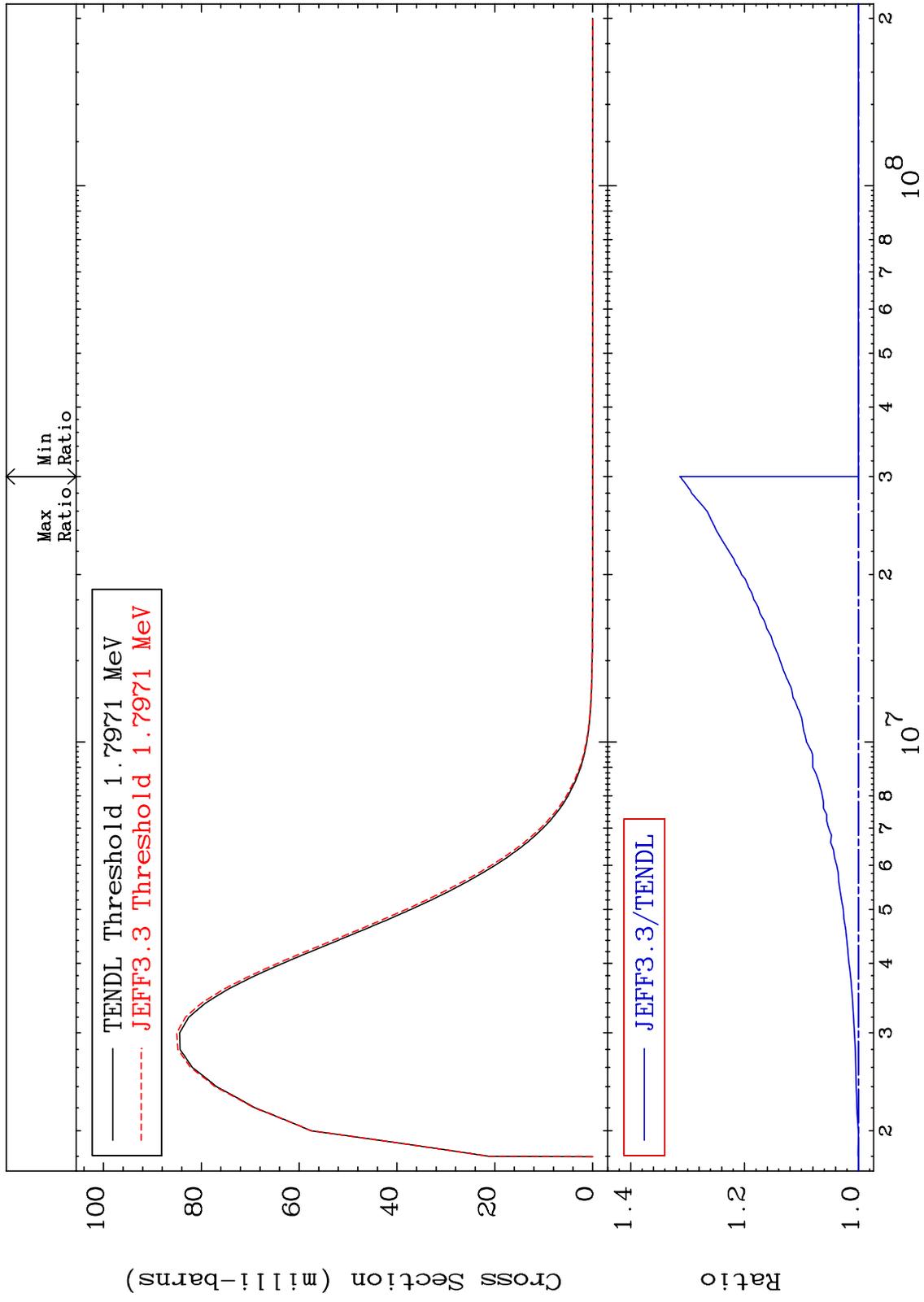
Incident Energy (eV)

23-V -50

MAT 2325

MT= 71 (n,n') Level  
Cross Section

23-V -50  
0.000 To 31.35 %



38

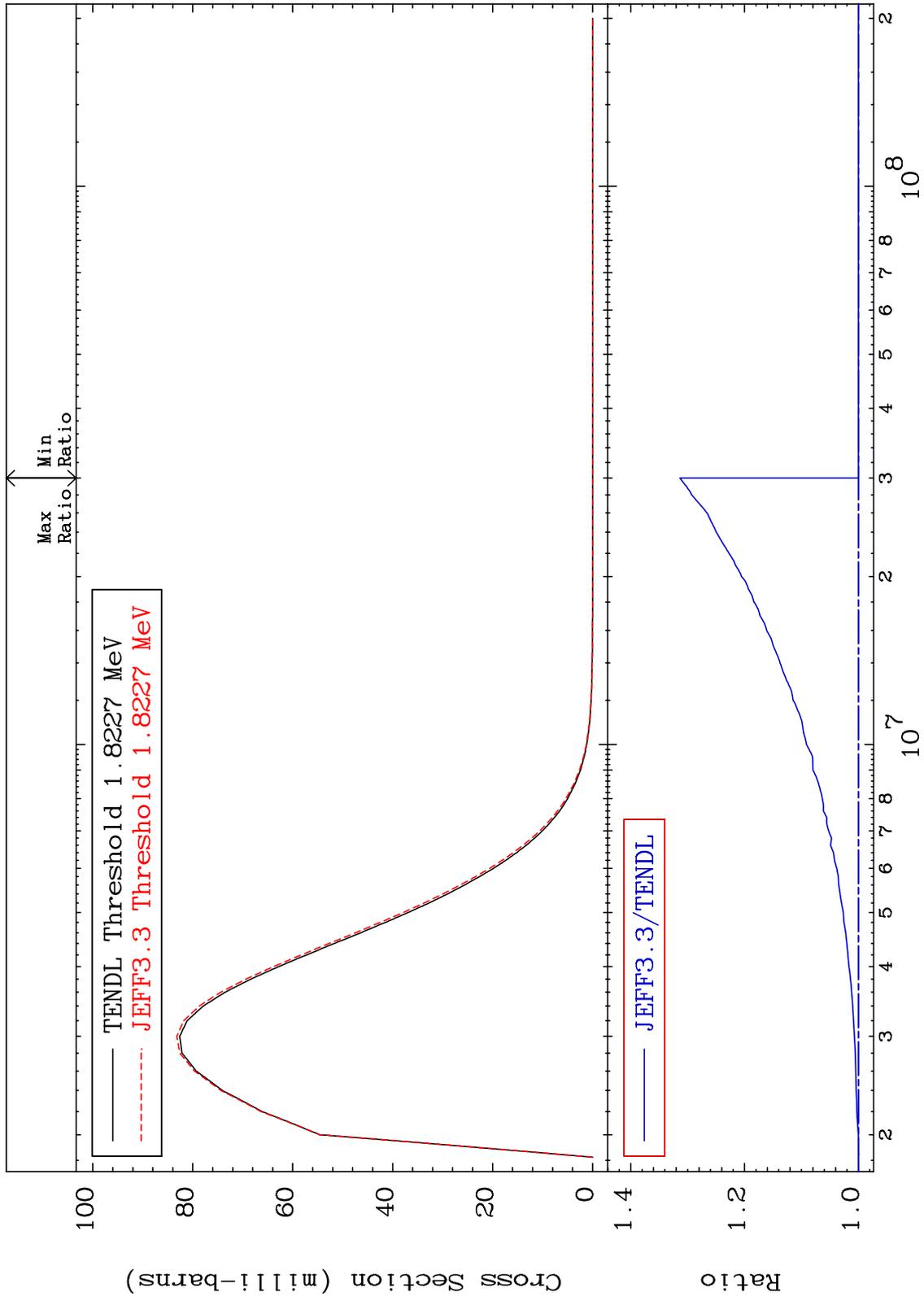
Incident Energy (eV)

23-V -50

MAT 2325

MT= 72 (n,n') Level  
Cross Section

23-V -50  
0.000 To 31.35 %



39

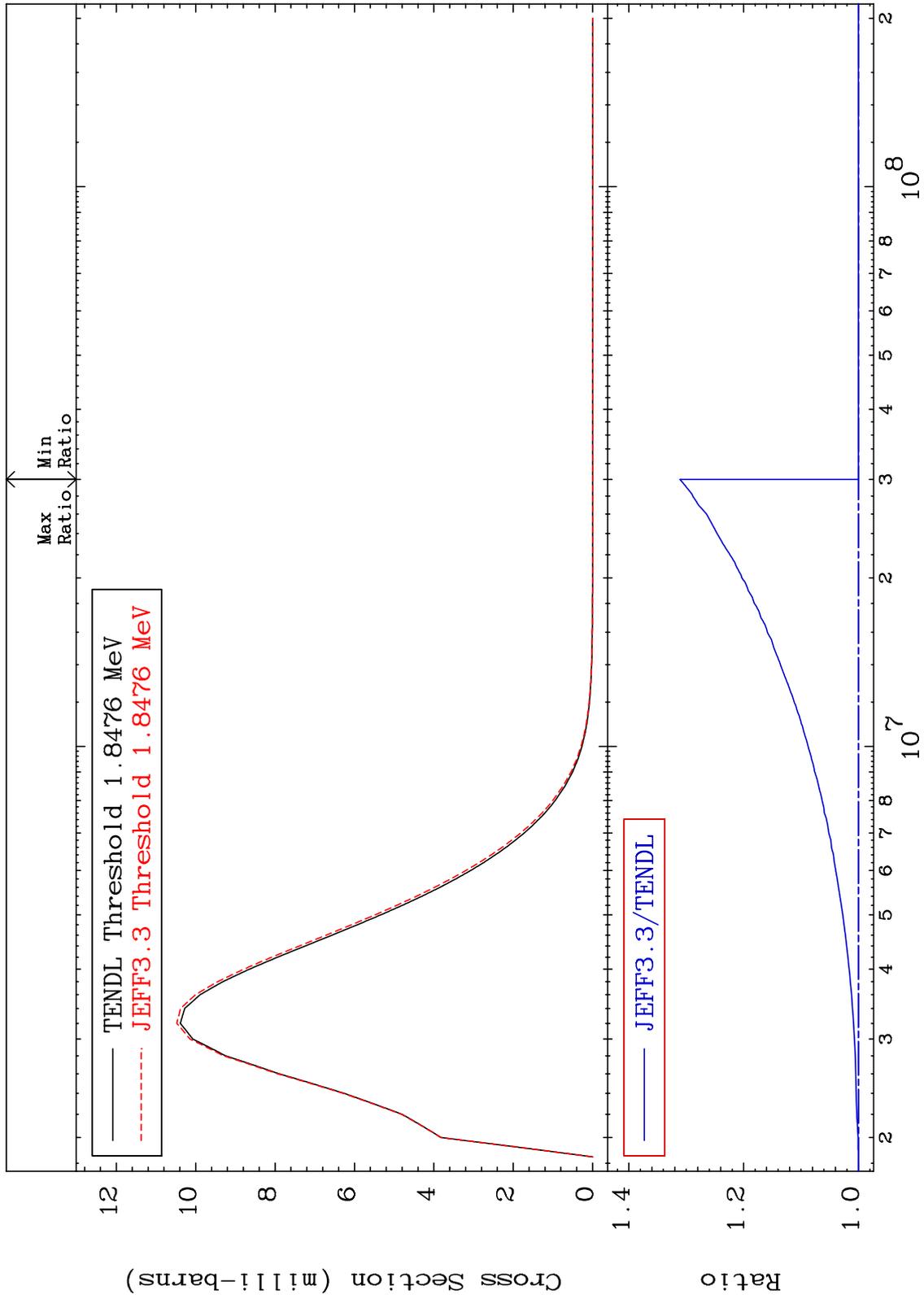
Incident Energy (eV)

23-V -50

MAT 2325

MT= 73 (n,n') Level  
Cross Section

23-V -50  
0.000 To 31.10 %



40

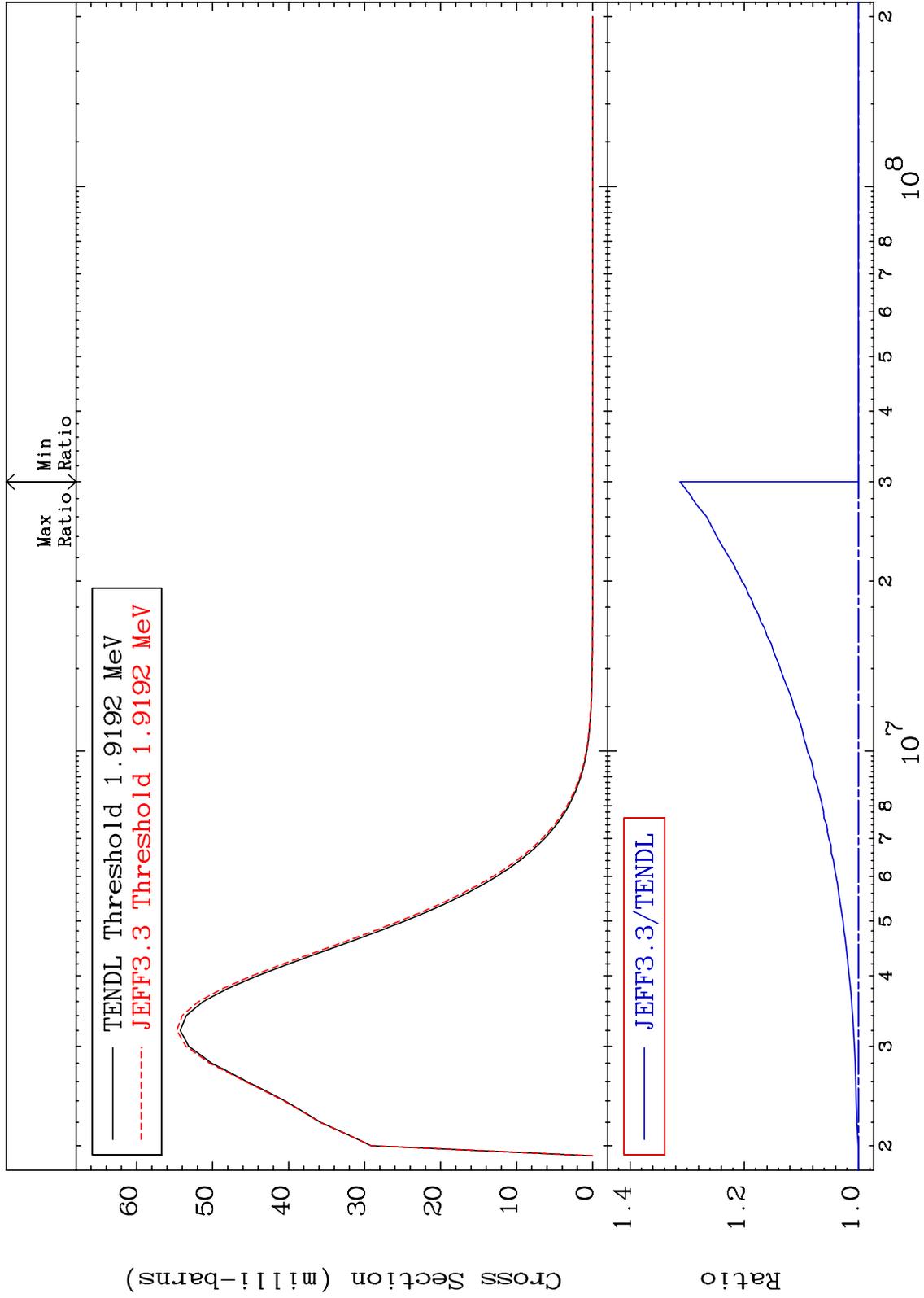
Incident Energy (eV)

23-V -50

MAT 2325

MT= 74 (n,n') Level  
Cross Section

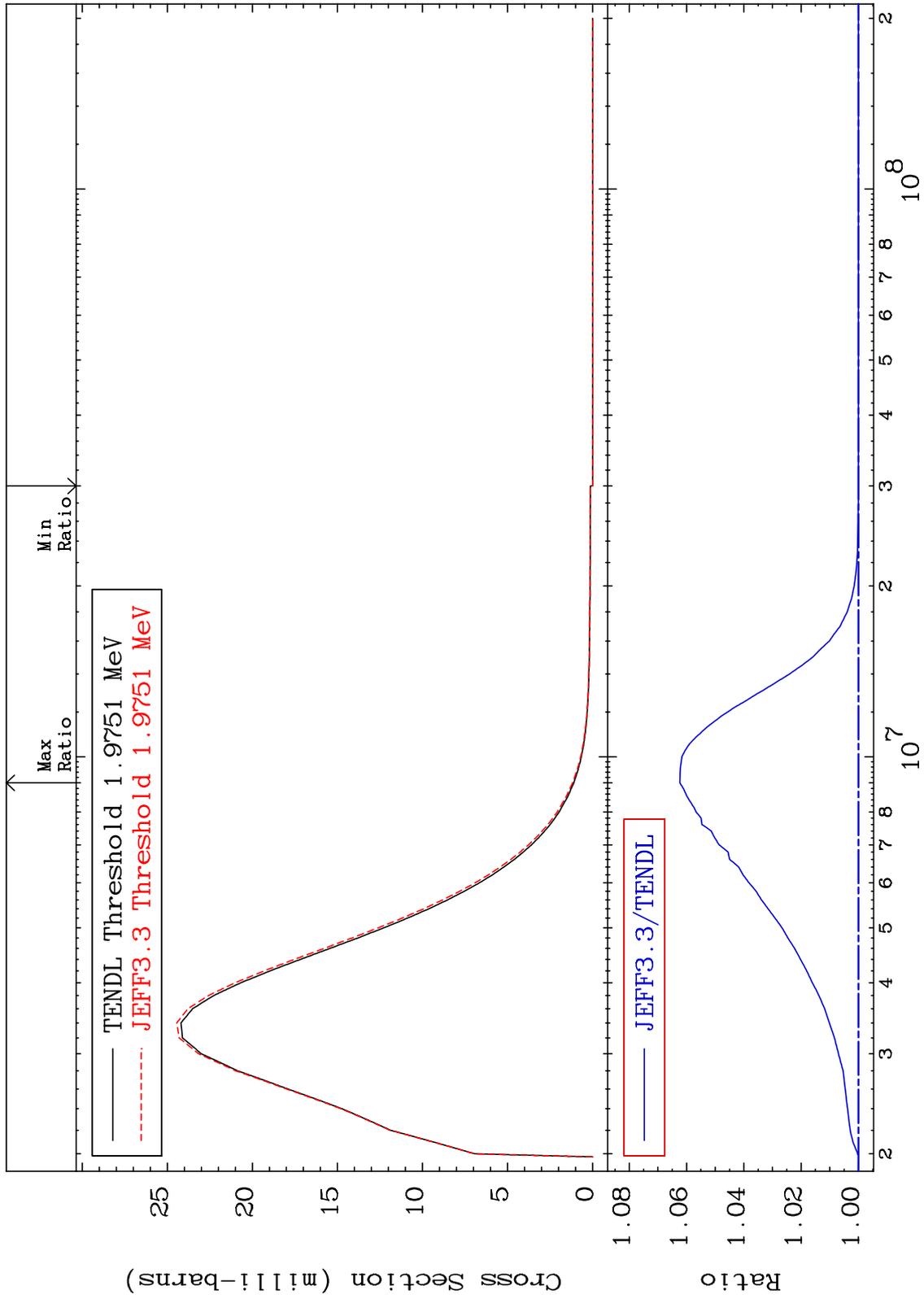
0.000 To 31.26 %  
23-V -50



MAT 2325

MT= 75 (n,n') Level  
Cross Section

23-V -50  
0.000 To 6.232 %



42

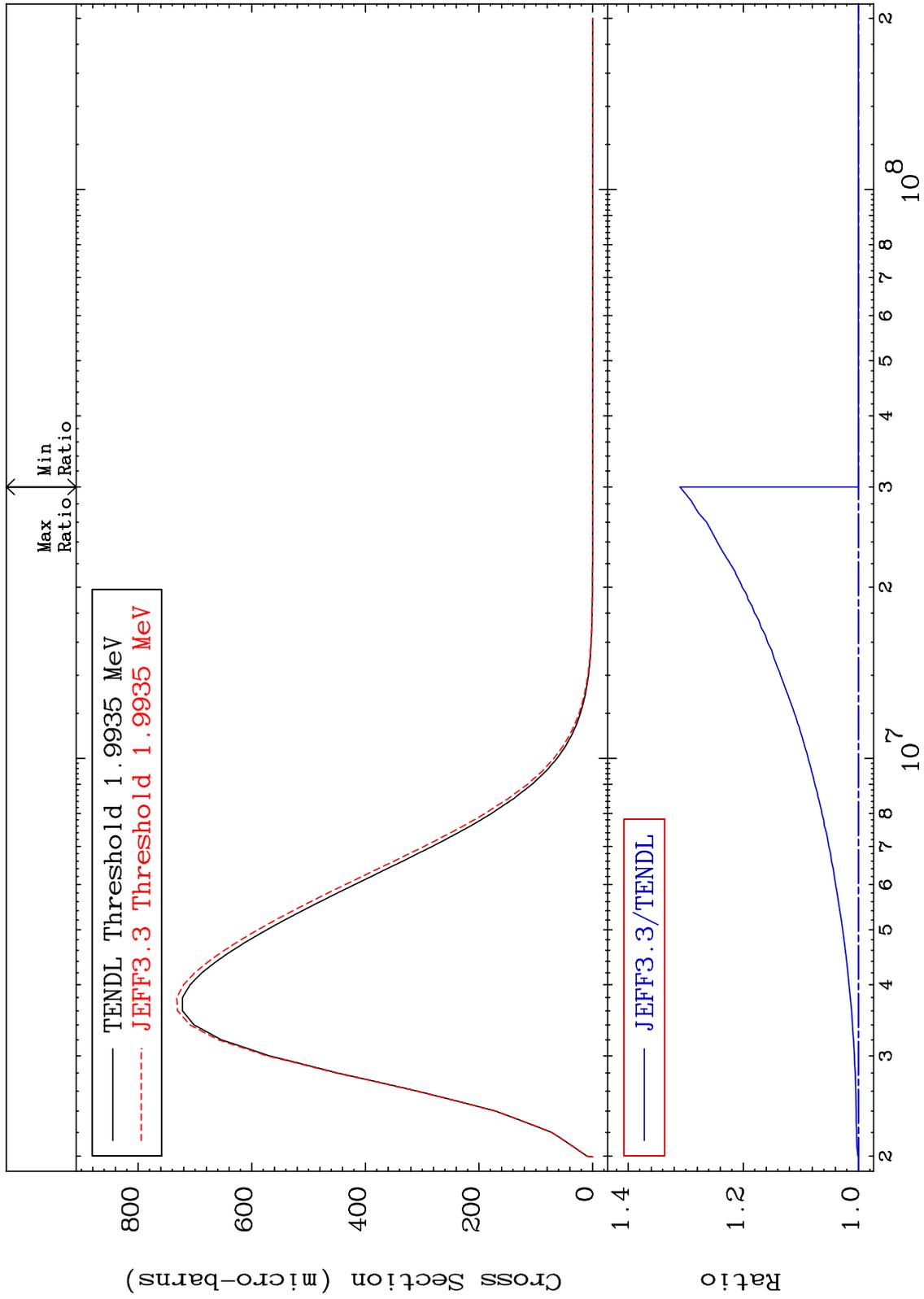
Incident Energy (eV)

23-V -50

MAT 2325

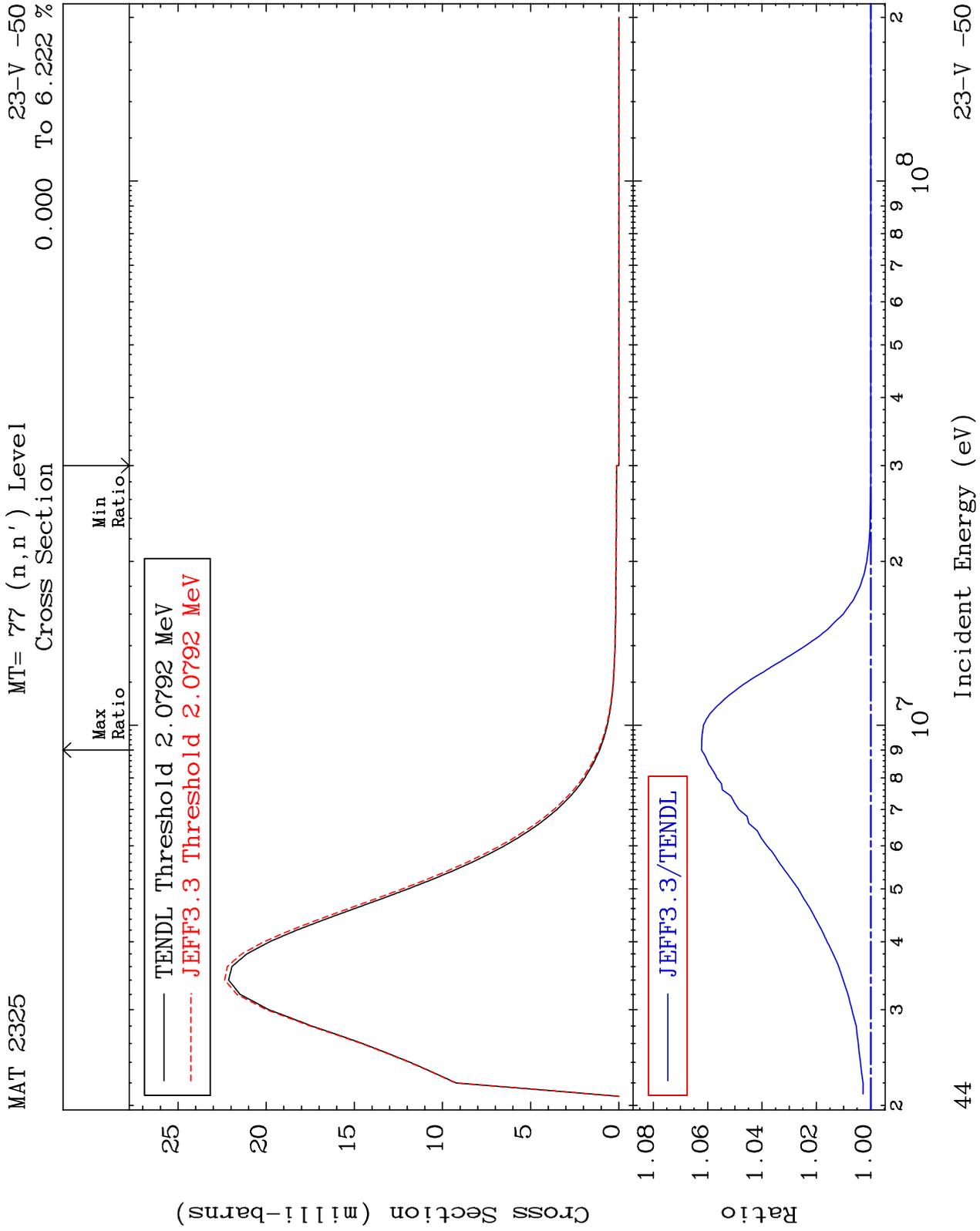
MT= 76 (n,n') Level  
Cross Section

23-V -50  
0.000 To 31.00 %



43

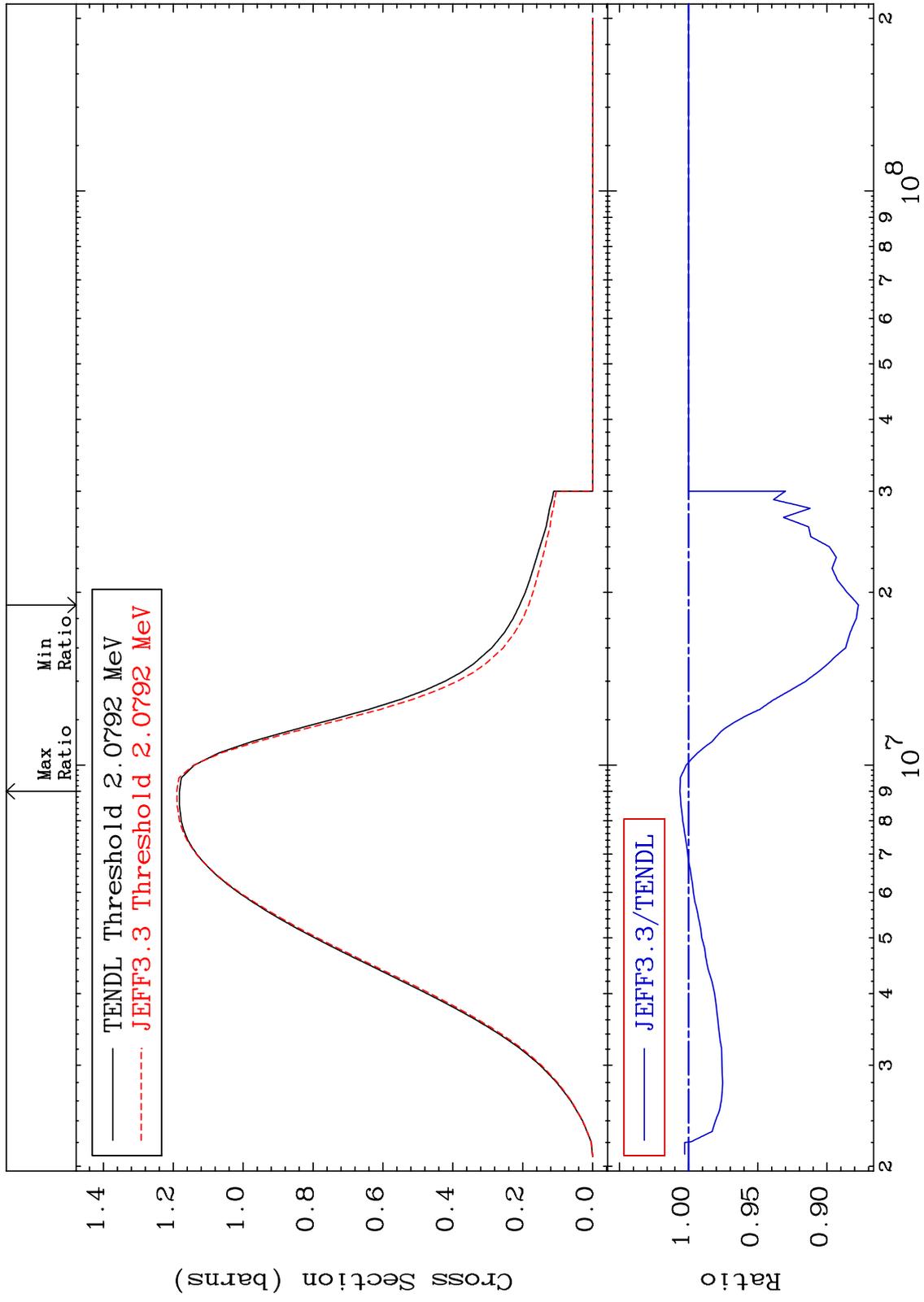
23-V -50



MAT 2325

(n, n') Continuum  
Cross Section

23-V -50  
-12.27 To 0.633 %



45

Incident Energy (eV)

23-V -50

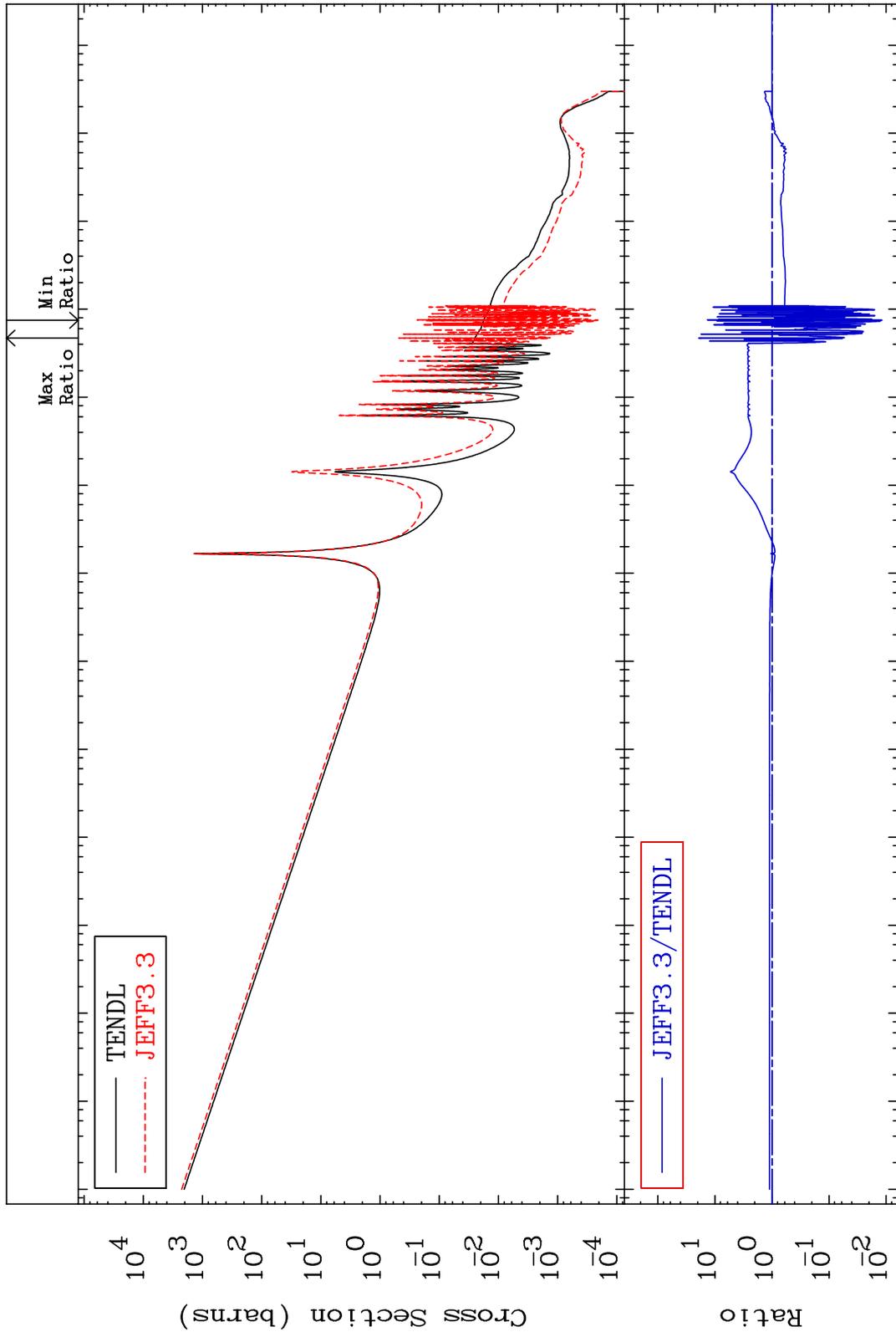
MAT 2325

(n,  $\gamma$ )

23-V -50

Cross Section

-98.82 To 1822. %



Incident Energy (eV)

23-V -50

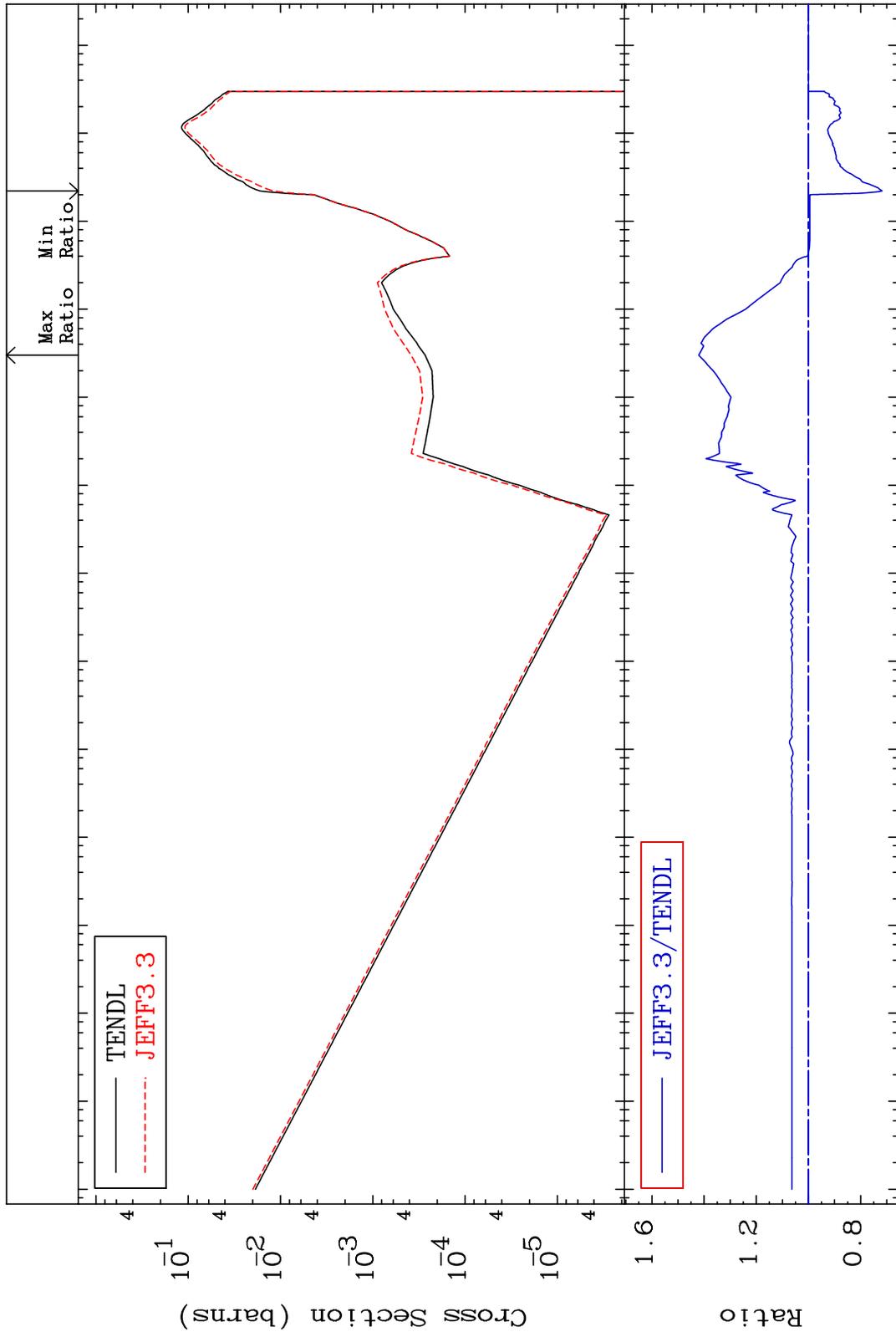
MAT 2325

(n,p)

23-V -50

Cross Section

-28.19 To 42.07 %



47

Incident Energy (eV)

23-V -50

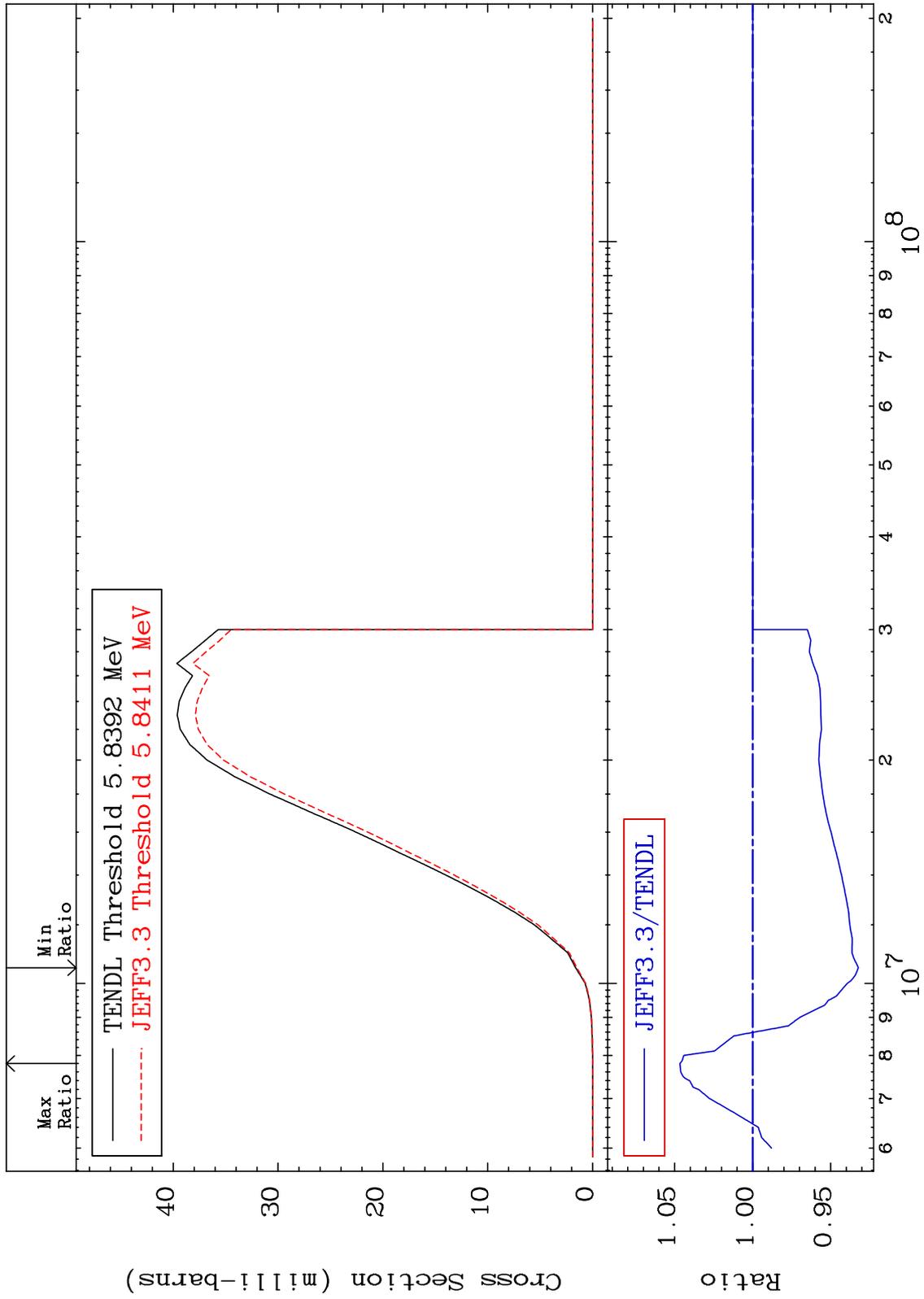
MAT 2325

(n, d)

23-V -50

Cross Section

-6.773 To 4.660 %



48

Incident Energy (eV)

23-V -50

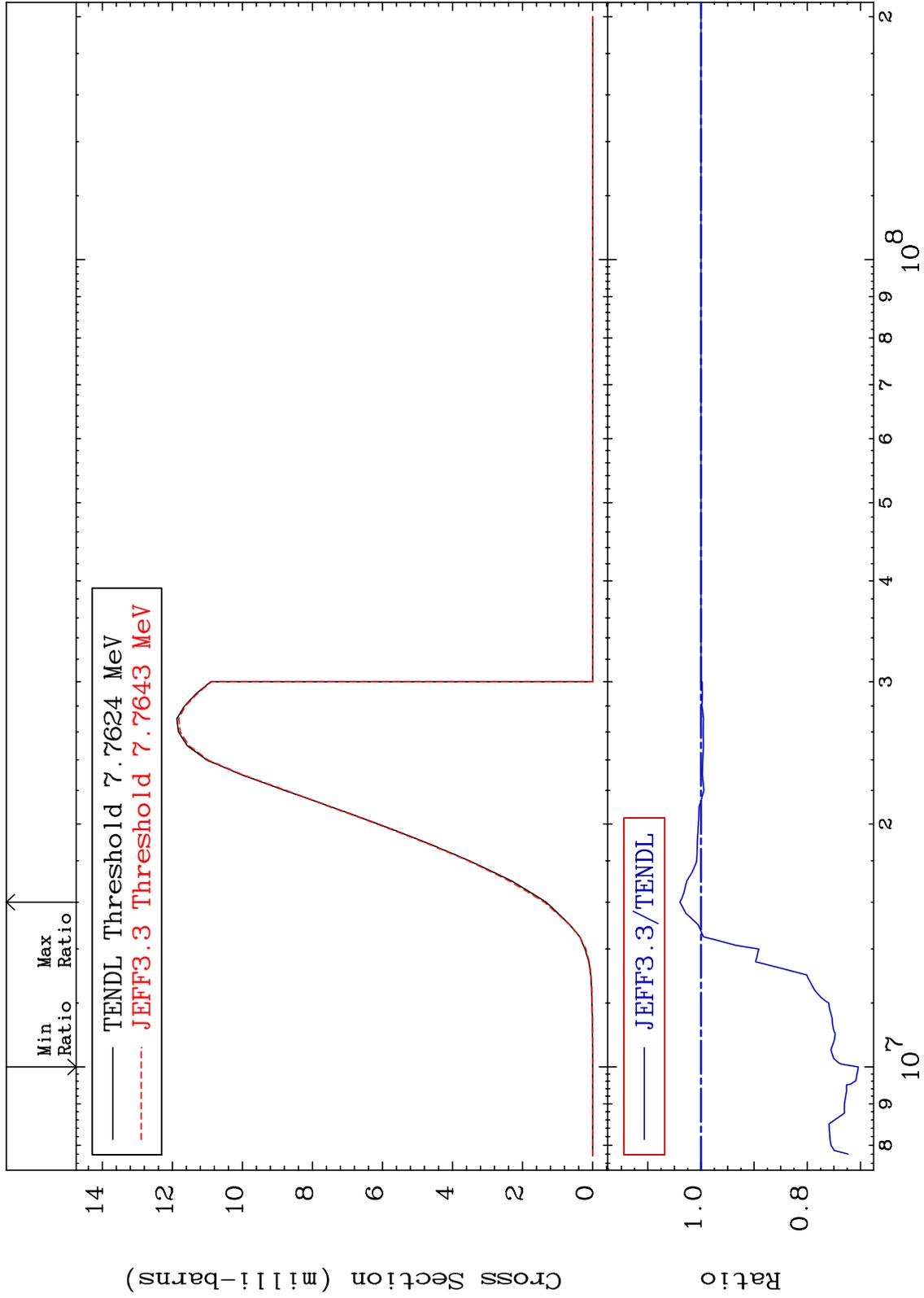
MAT 2325

(n, t)

23-V -50

Cross Section

-29.62 To 3.965 %



49

Incident Energy (eV)

23-V -50

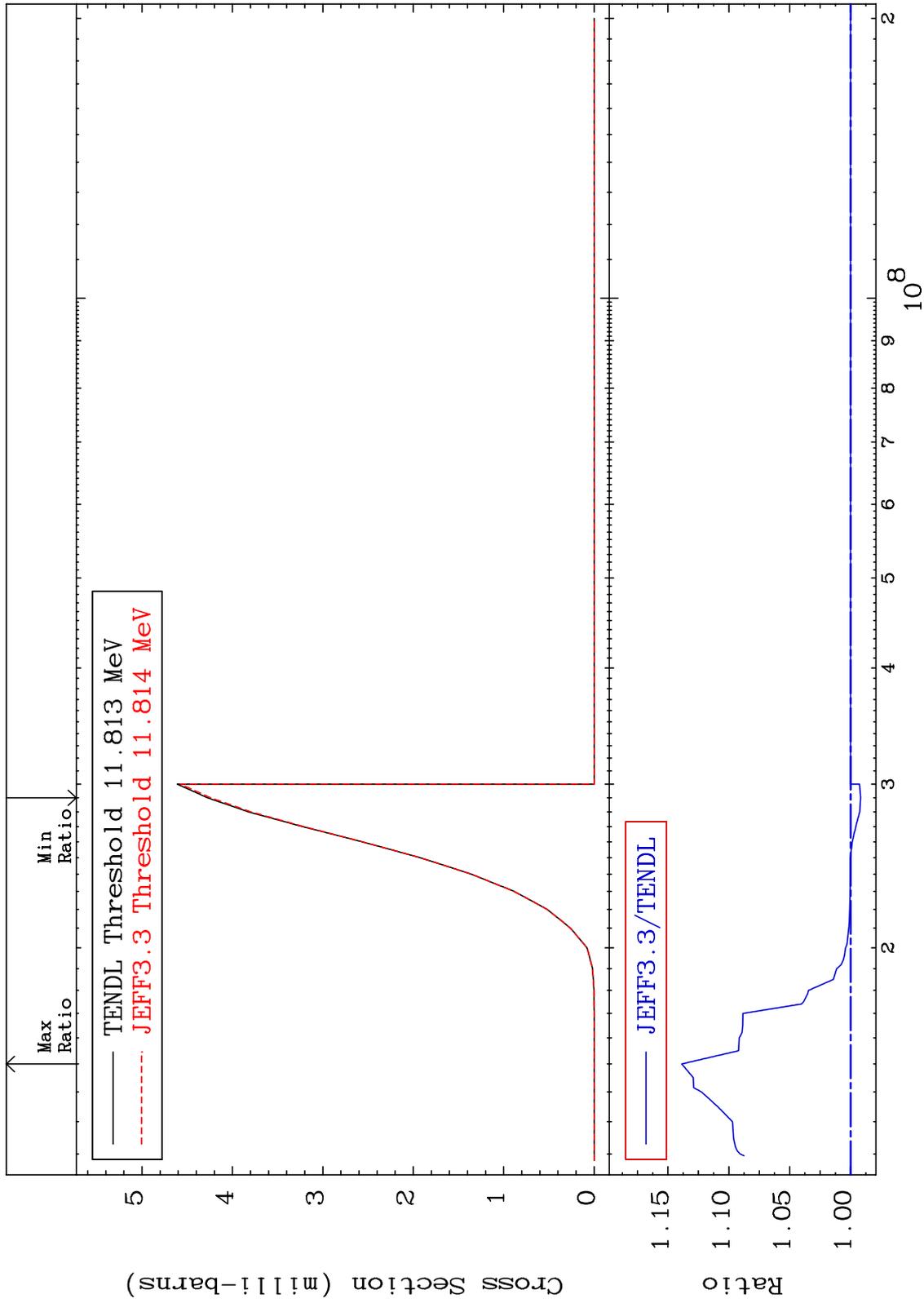
MAT 2325

(n, He-3)

23-V -50

Cross Section

-0.828 To 13.87 %



50

Incident Energy (eV)

23-V -50

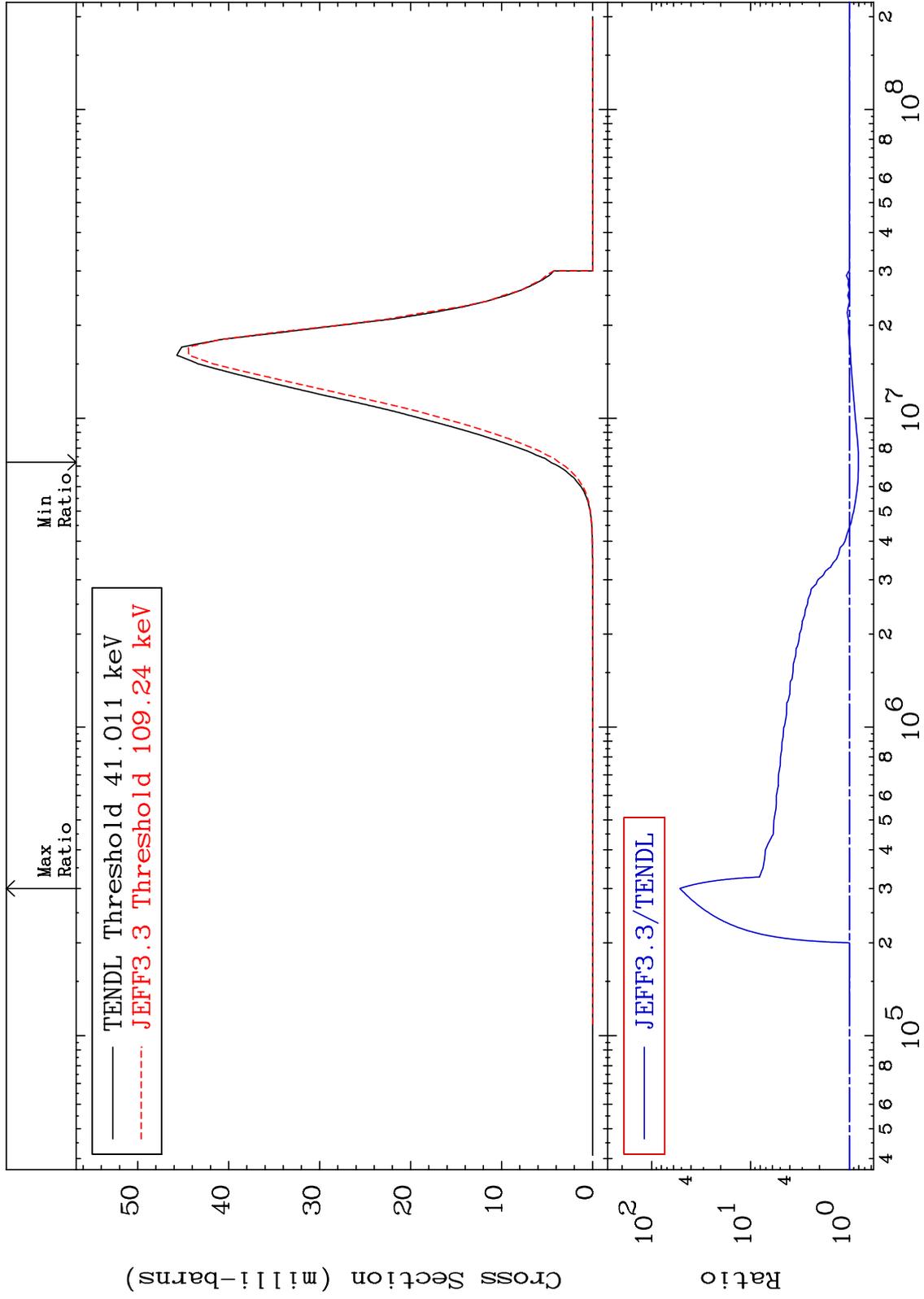
MAT 2325

(n,  $\alpha$ )

23-V -50

-19.07 To 5078. %

Cross Section



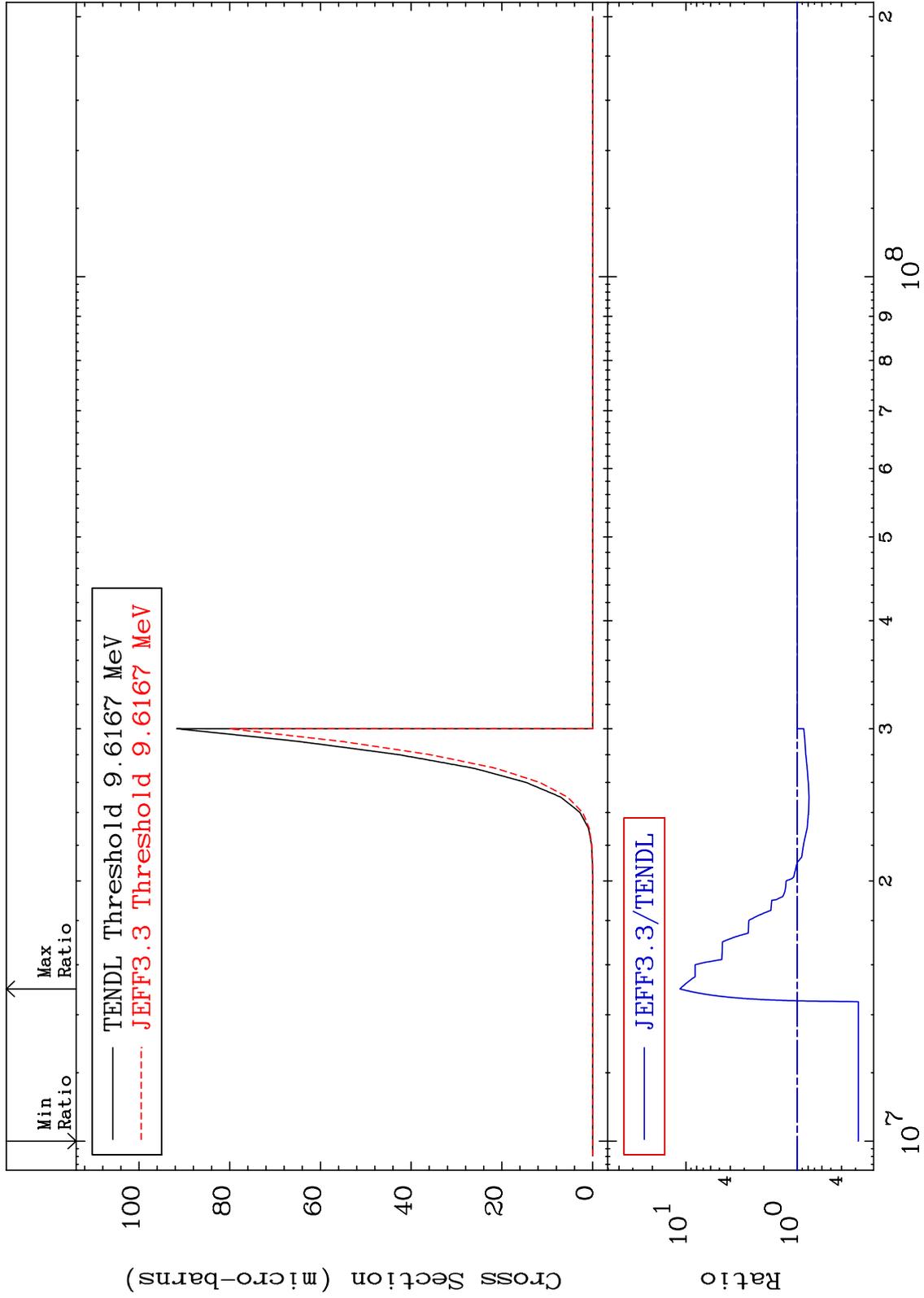
MAT 2325

(n,2α)

23-V -50

Cross Section

-71.75 To 1033. %



52

Incident Energy (eV)

23-V -50

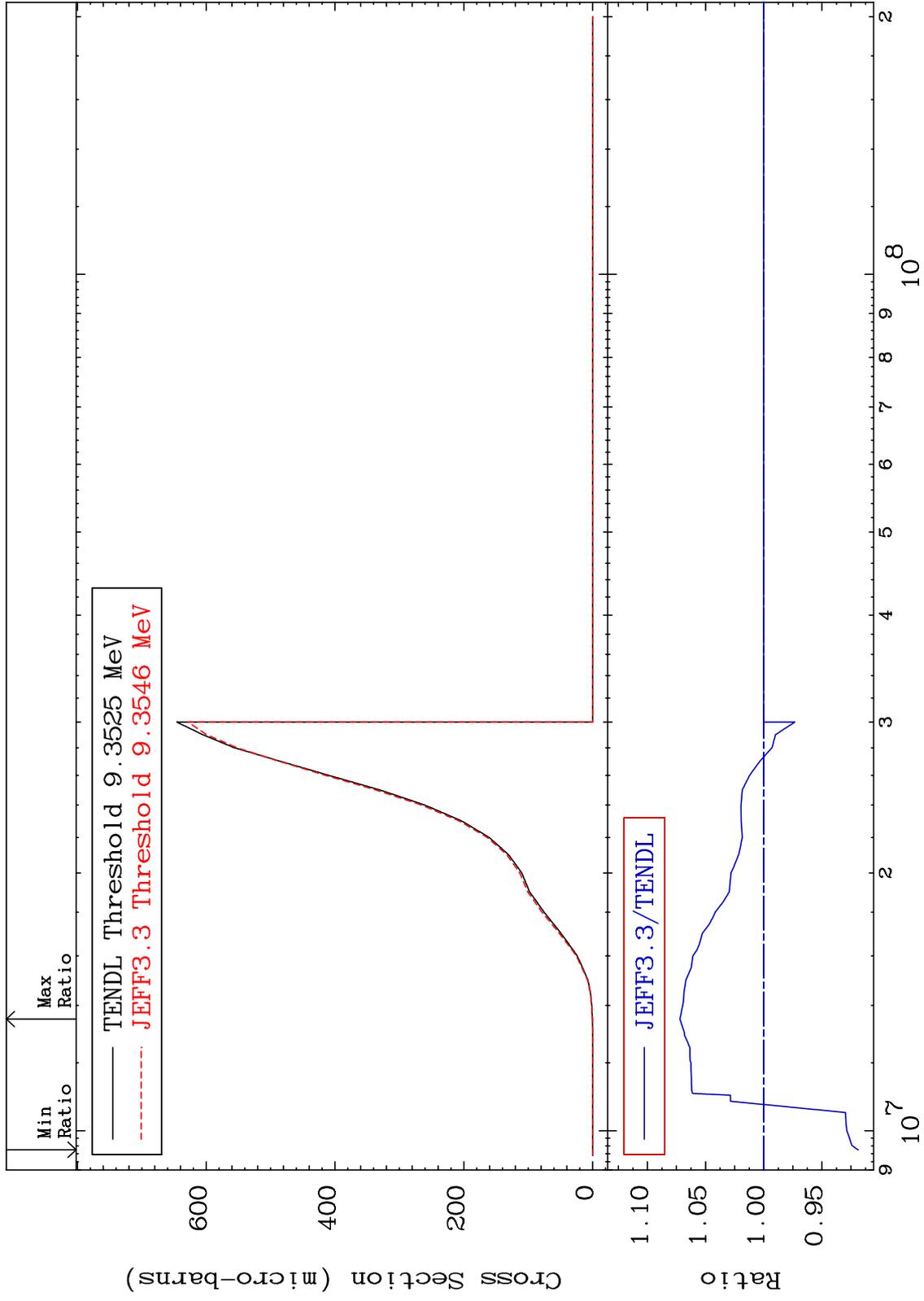
MAT 2325

(n,2p)

23-V -50

Cross Section

-8.138 To 7.202 %



53

Incident Energy (eV)

23-V -50

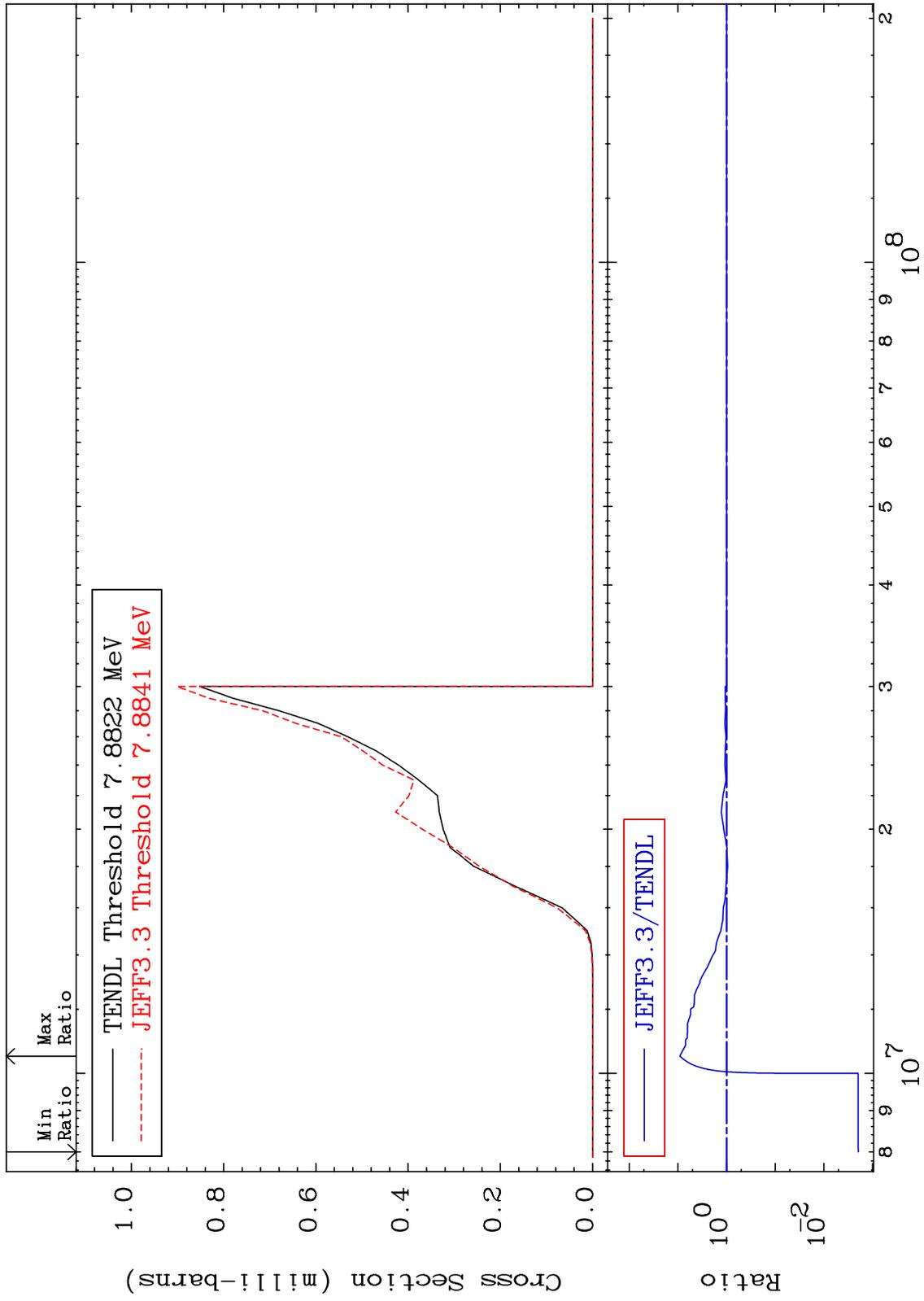
MAT 2325

(n,p)  $\alpha$

23-V -50

Cross Section

-99.80 To 807.2 %



54

Incident Energy (eV)

23-V -50

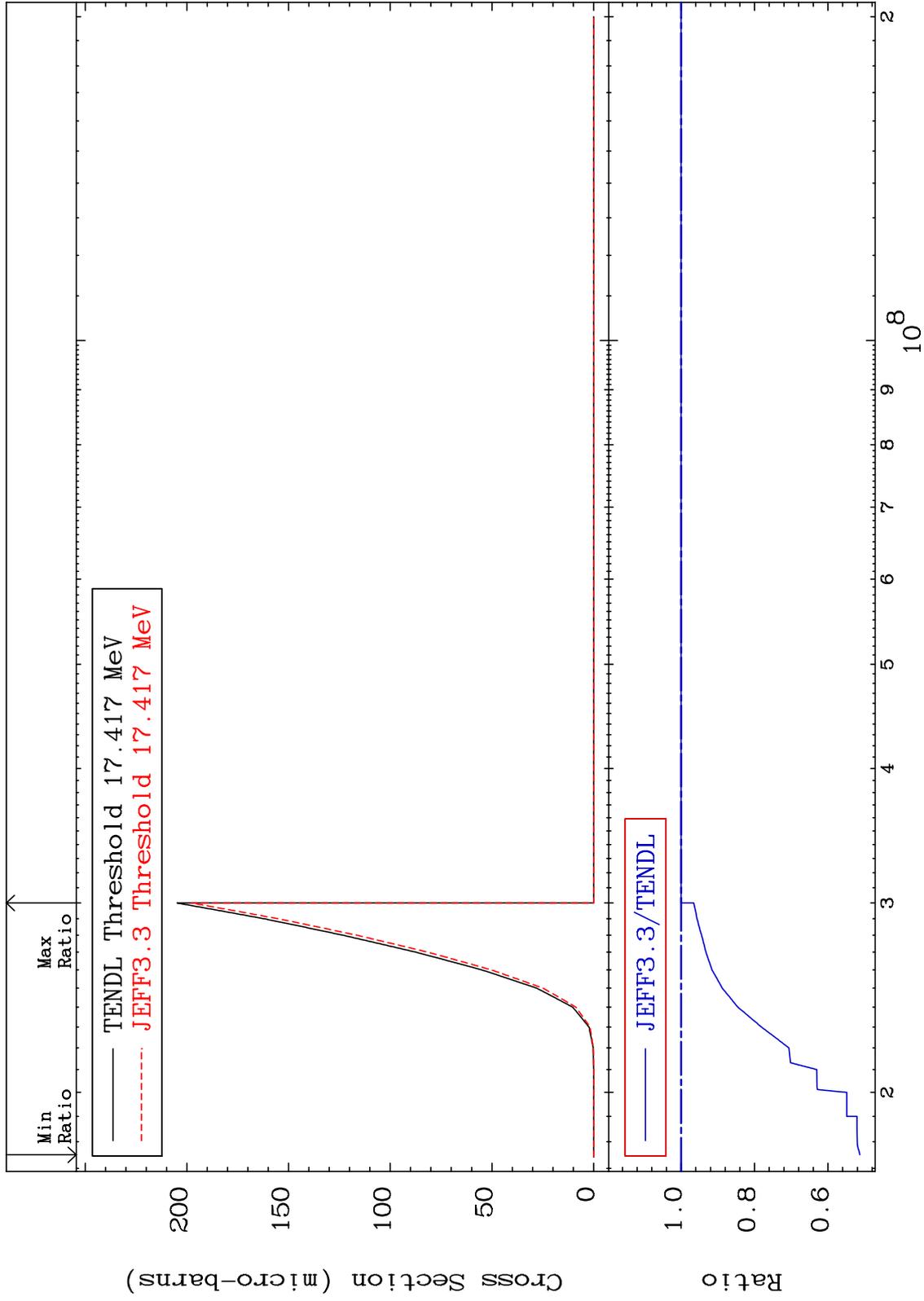
MAT 2325

(n,p) d

23-V -50

Cross Section

-48.70 To 0.000 %

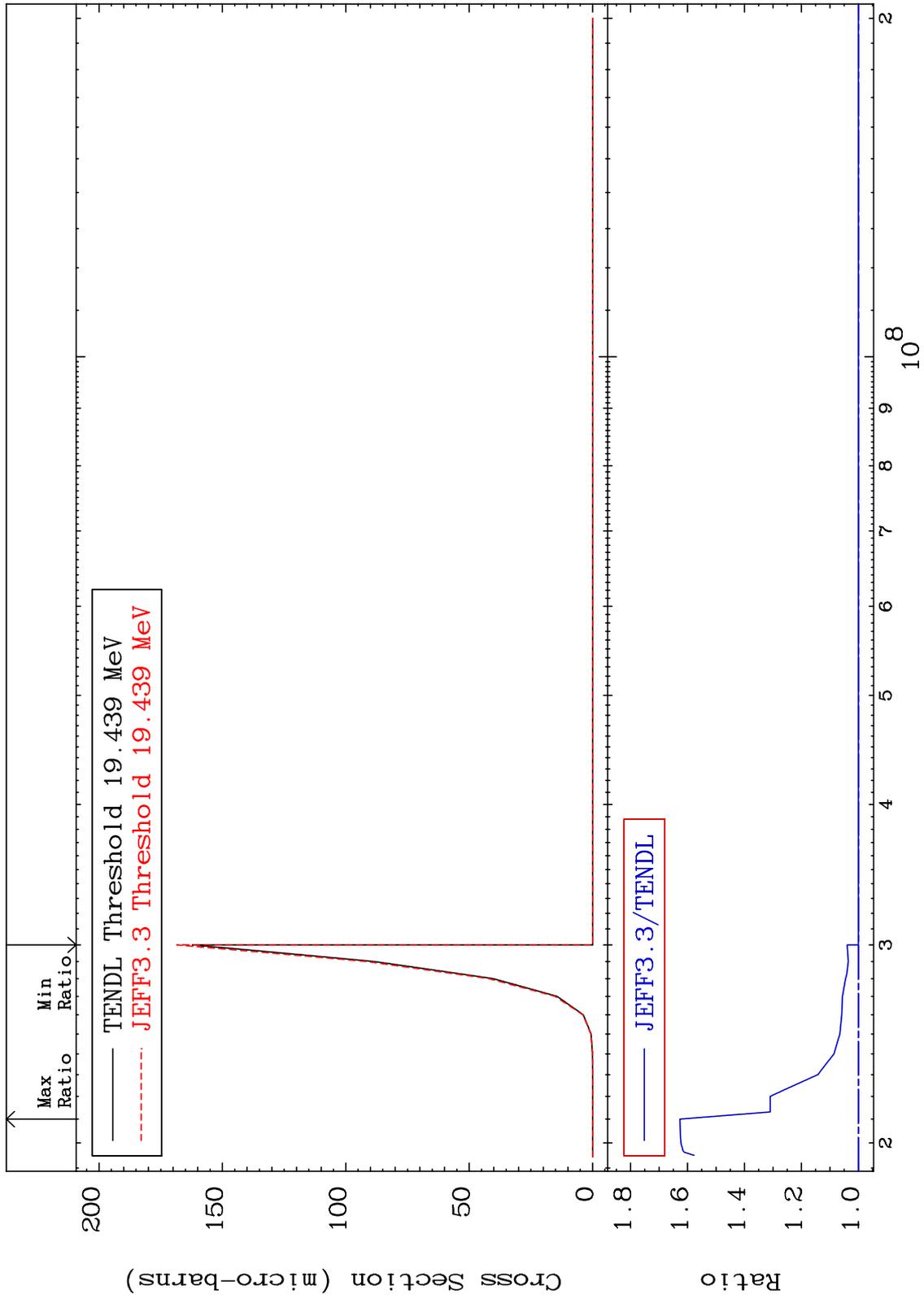


55

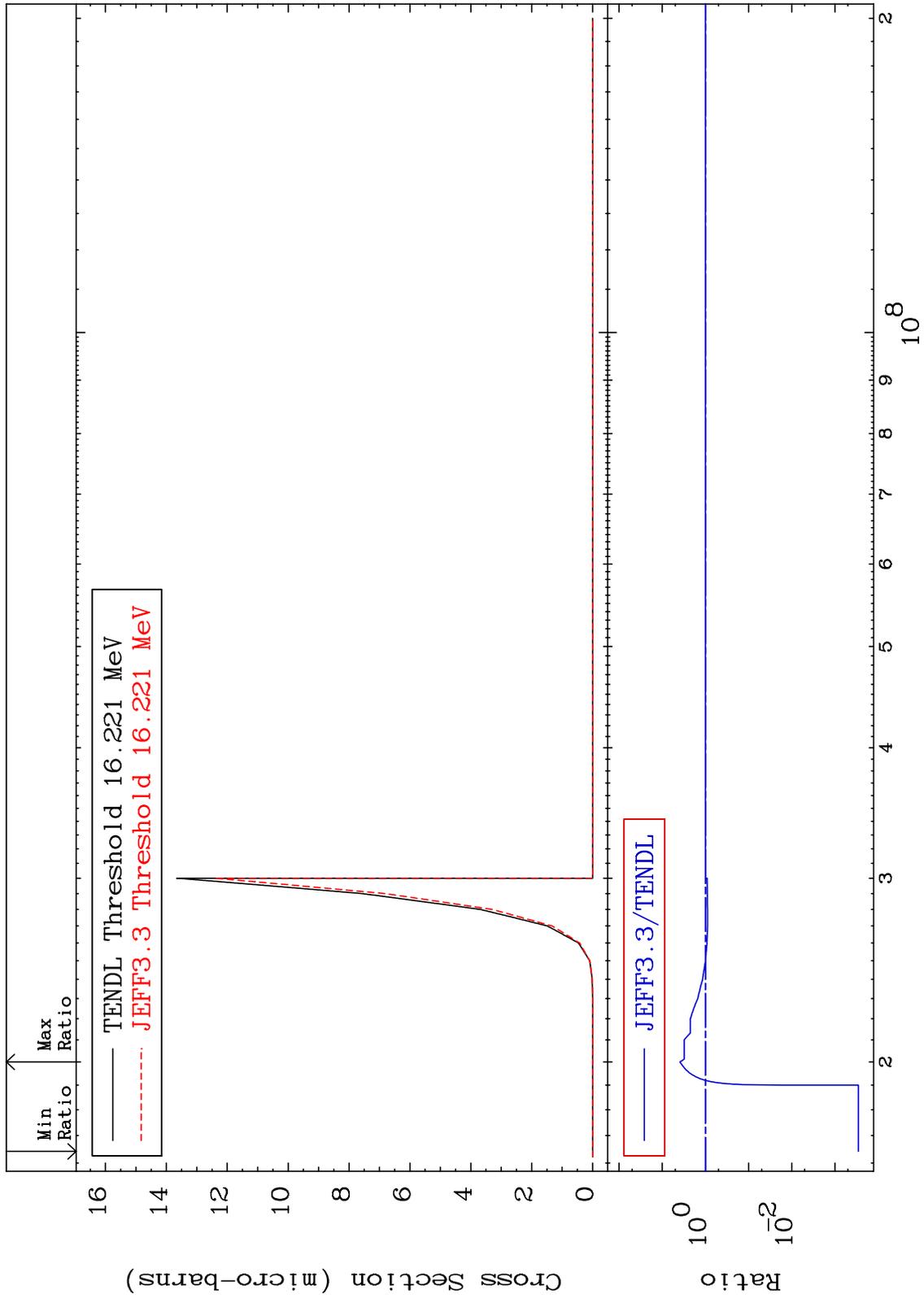
Incident Energy (eV)

23-V -50

MAT 2325 (n,p) t 23-V -50  
 Cross Section 0.000 To 62.66 %



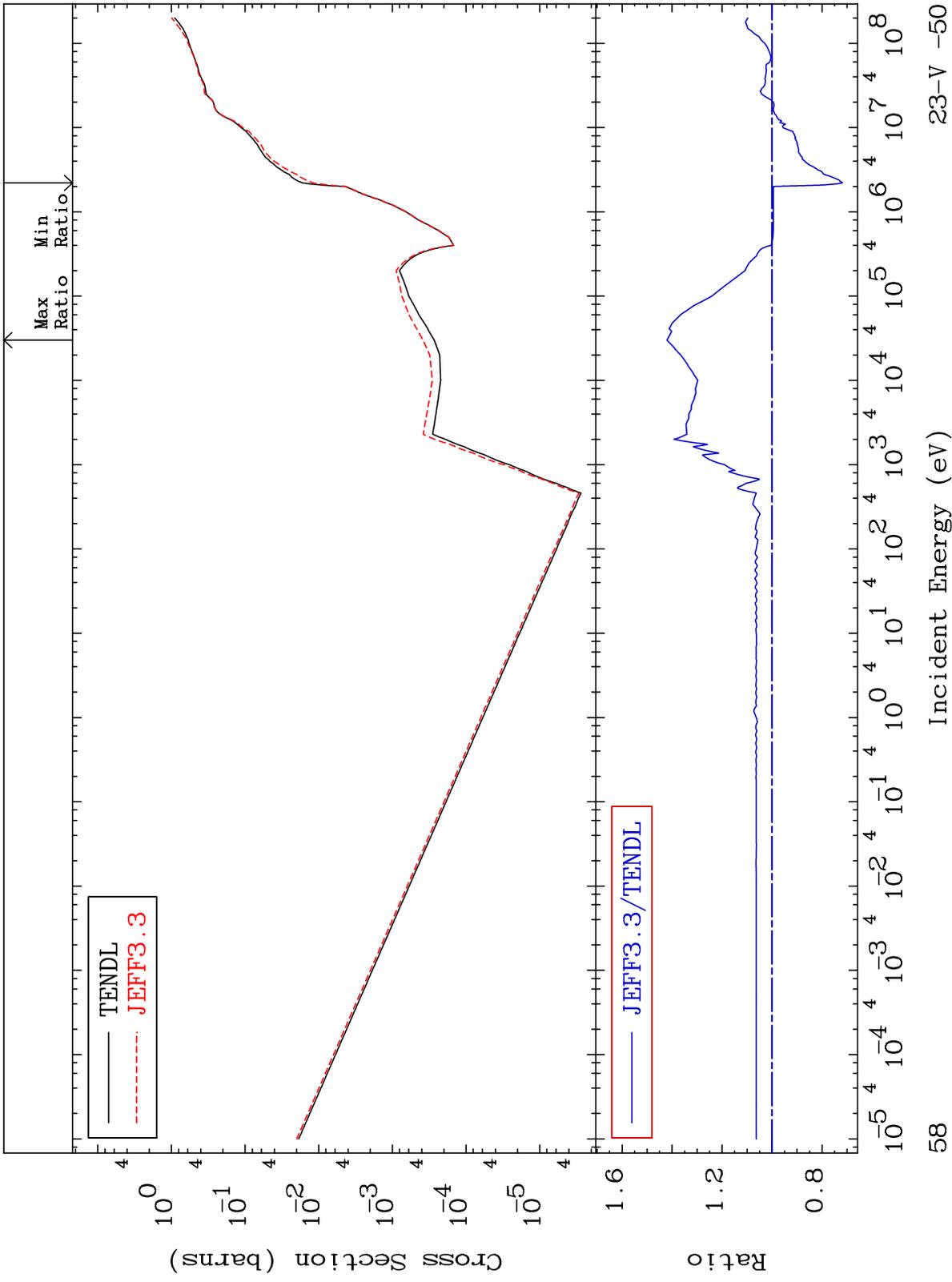
MAT 2325 (n,d)  $\alpha$  Cross Section 23-V -50 -99.97 To 289.5 %



MAT 2325

### Hydrogen Production Cross Section

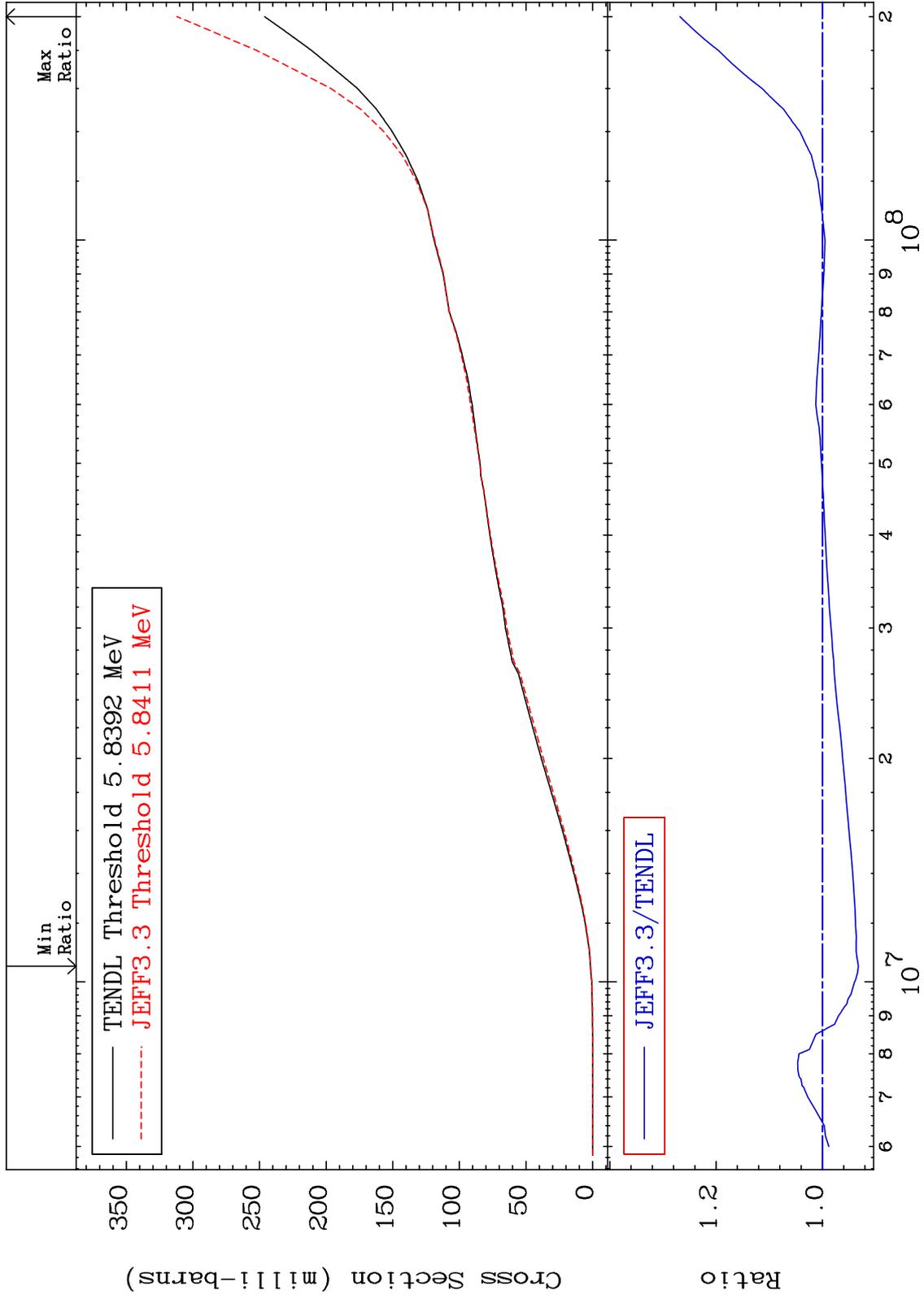
23-V -50  
-28.19 To 42.07 %



MAT 2325

Deuterium Production  
Cross Section

23-V -50  
-6.773 To 26.80 %



59

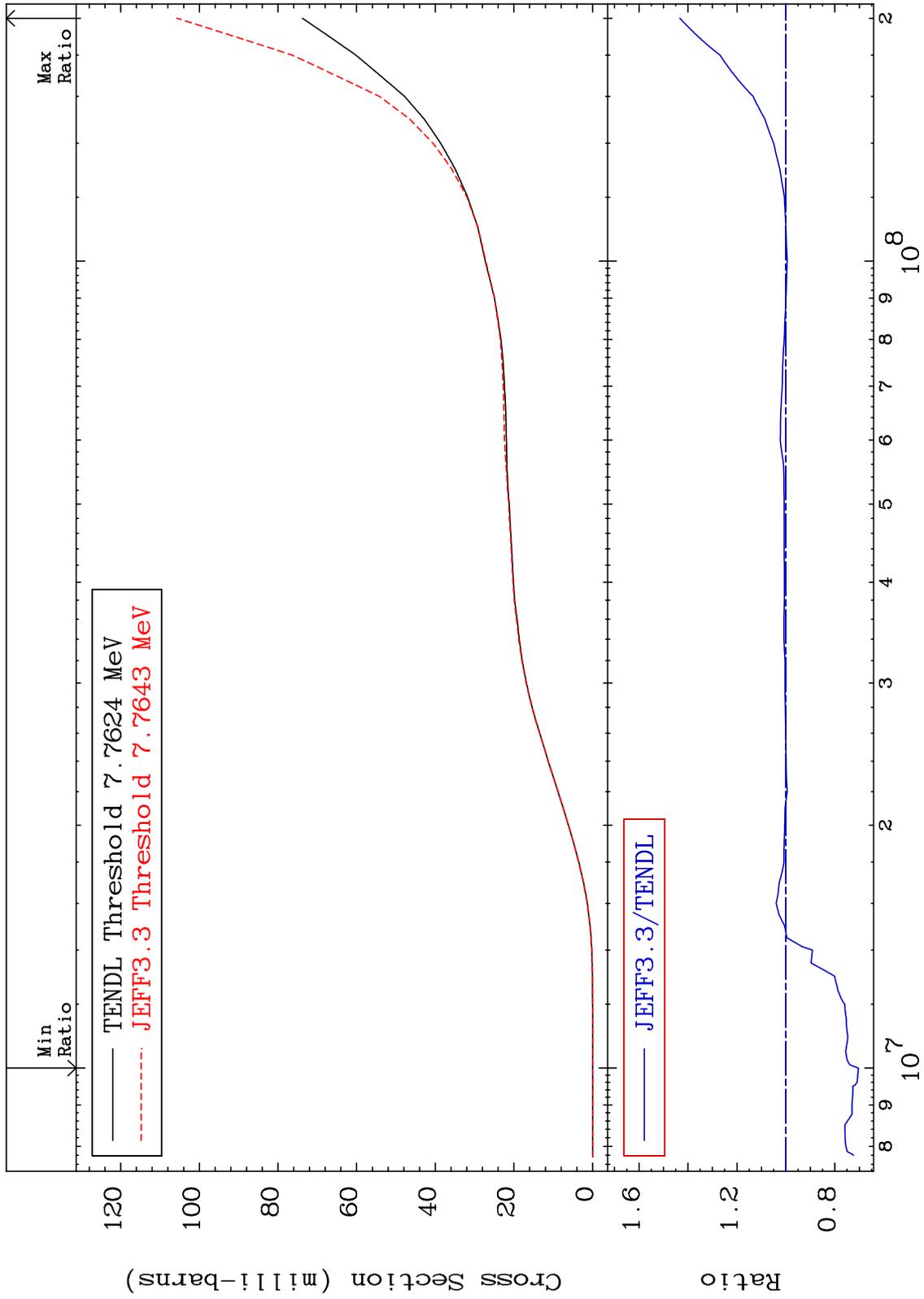
Incident Energy (eV)

23-V -50

MAT 2325

Tritium Production  
Cross Section

23-V -50  
-29.62 To 43.28 %



60

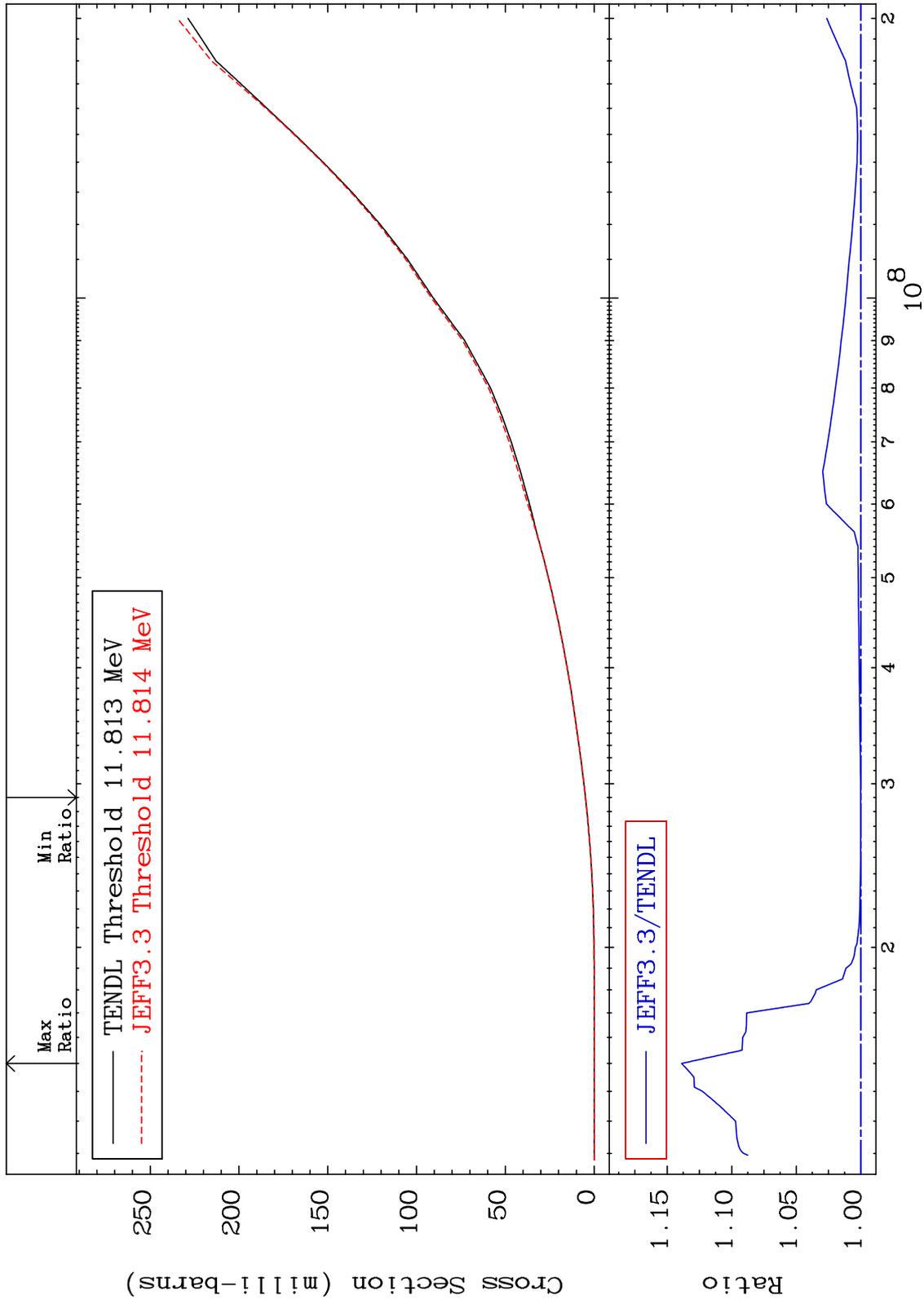
Incident Energy (eV)

23-V -50

MAT 2325

He-3 Production  
Cross Section

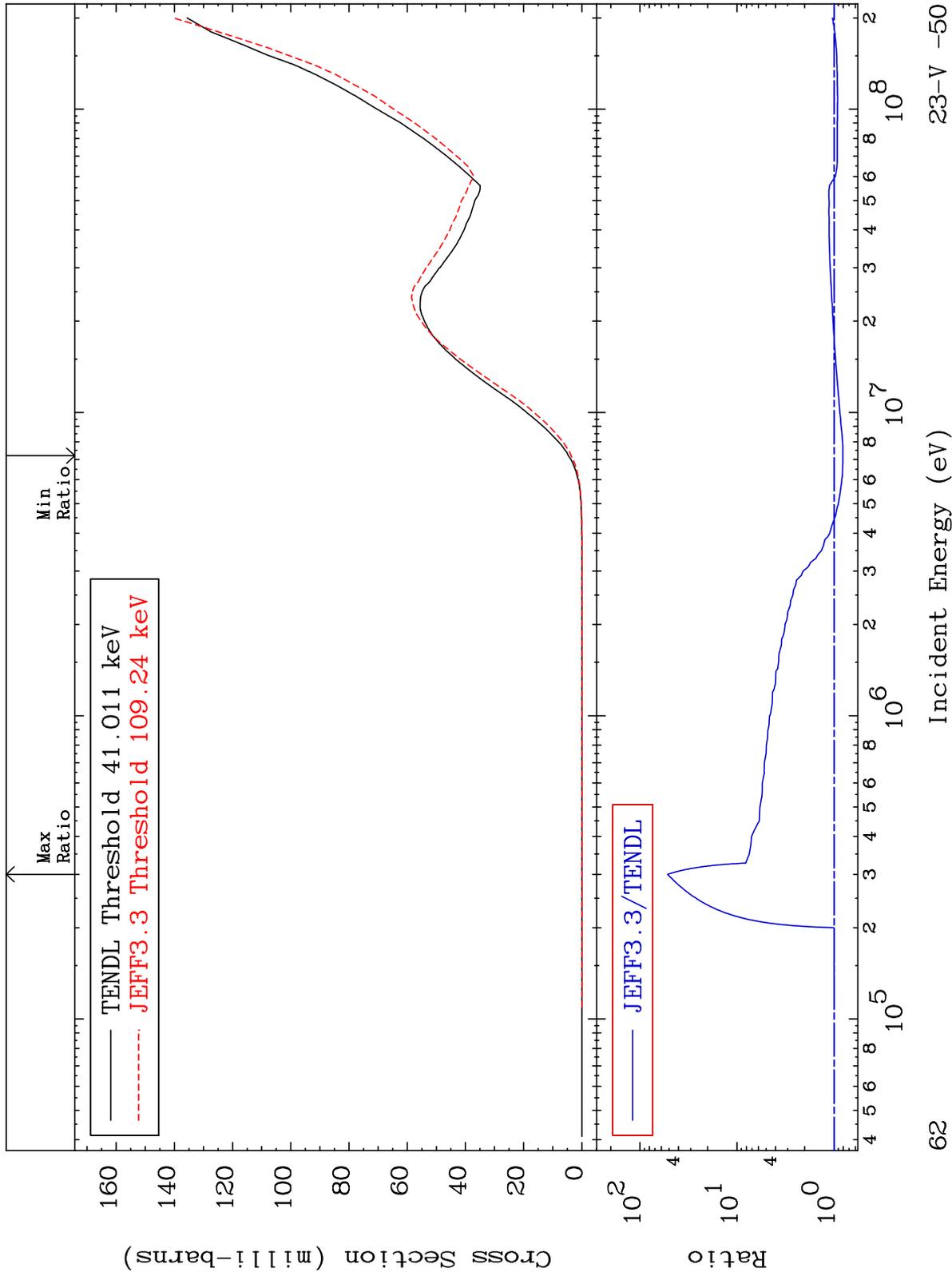
23-V -50  
0.010 To 13.87 %



MAT 2325

He-4 Production  
Cross Section

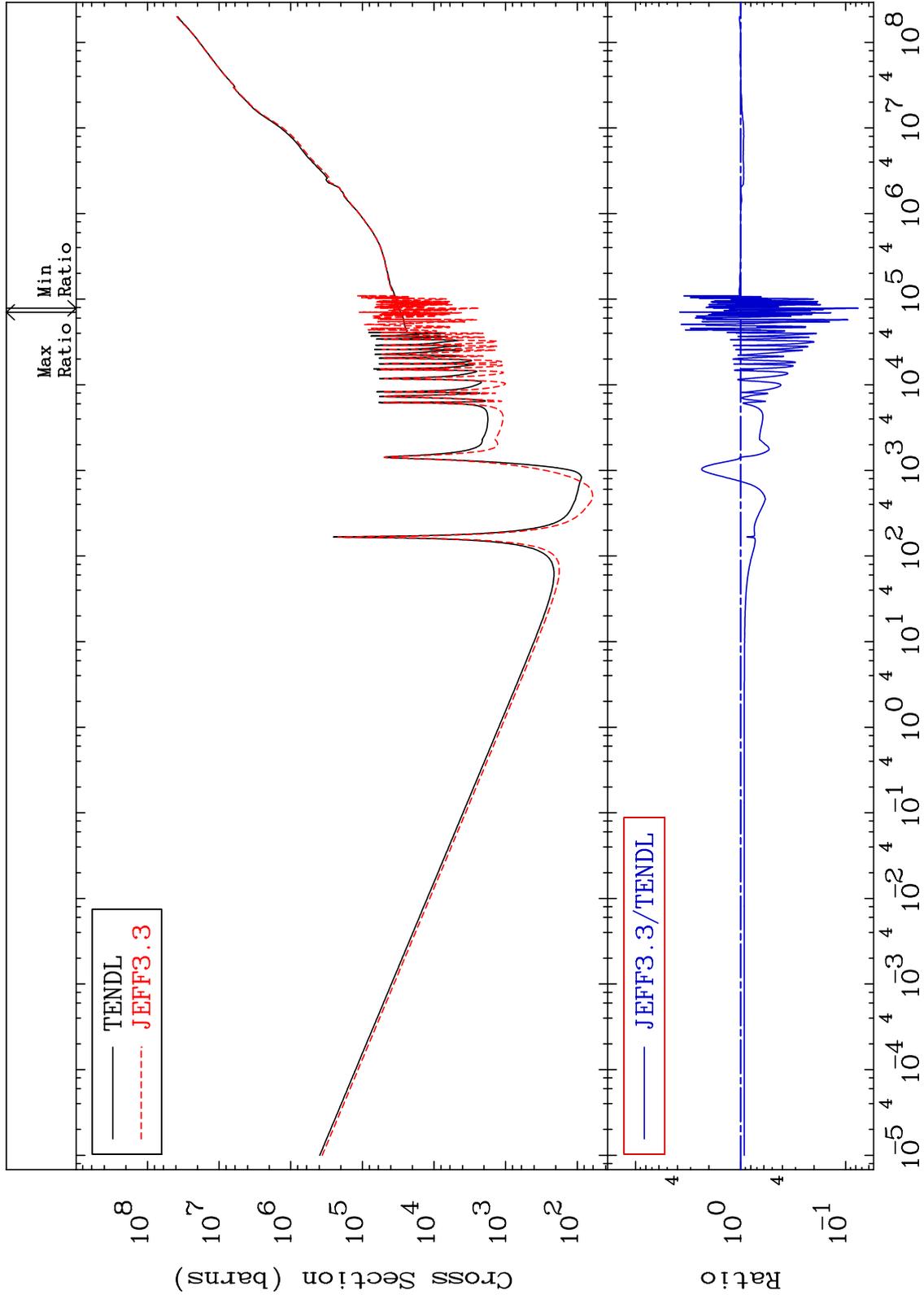
23-V -50  
-19.07 To 5078. %



MAT 2325

Kerma total (eV-barns)  
Cross Section

23-V -50  
-92.45 To 278.2 %



63

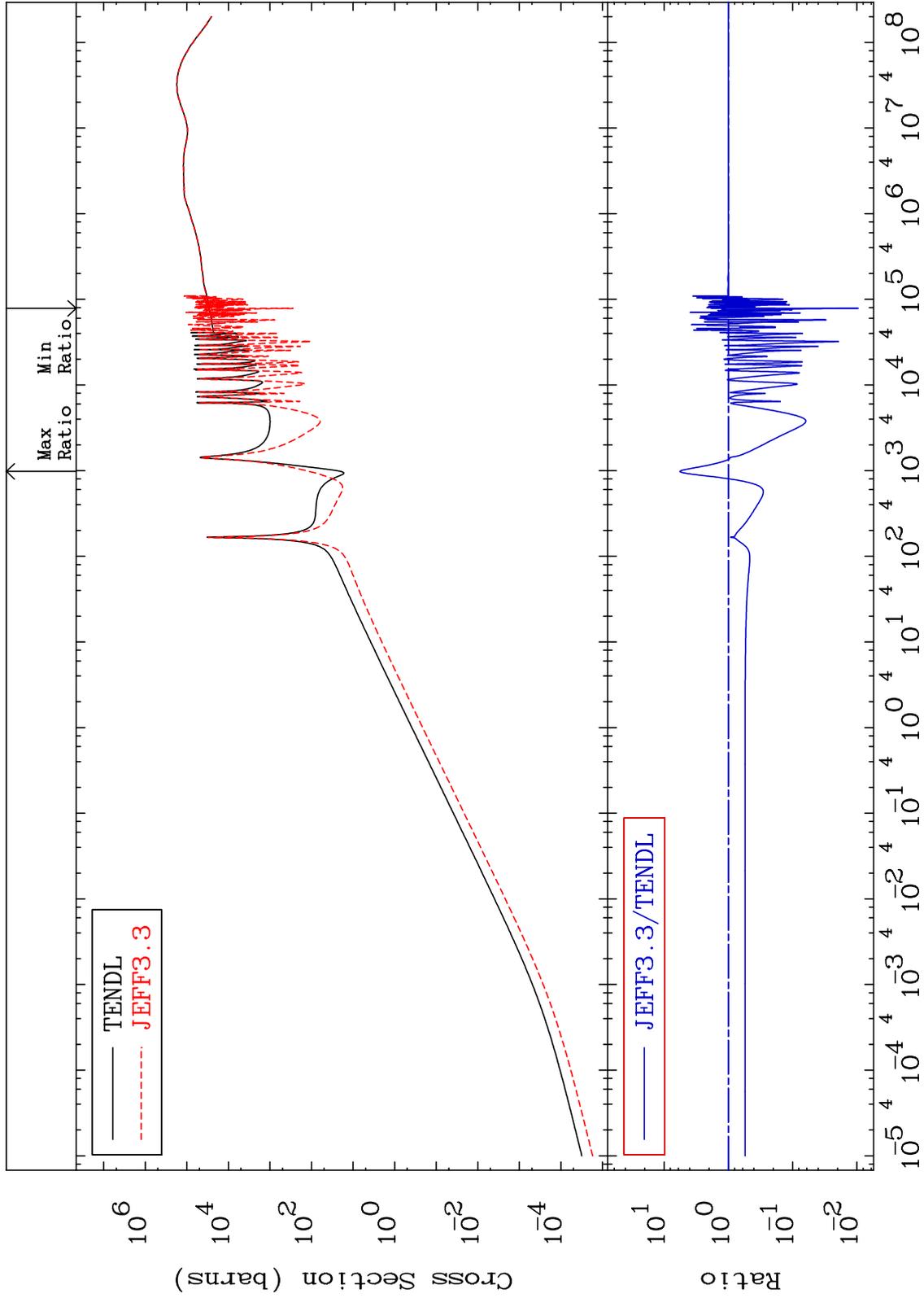
Incident Energy (eV)

23-V -50

MAT 2325

Kerma elastic  
Cross Section

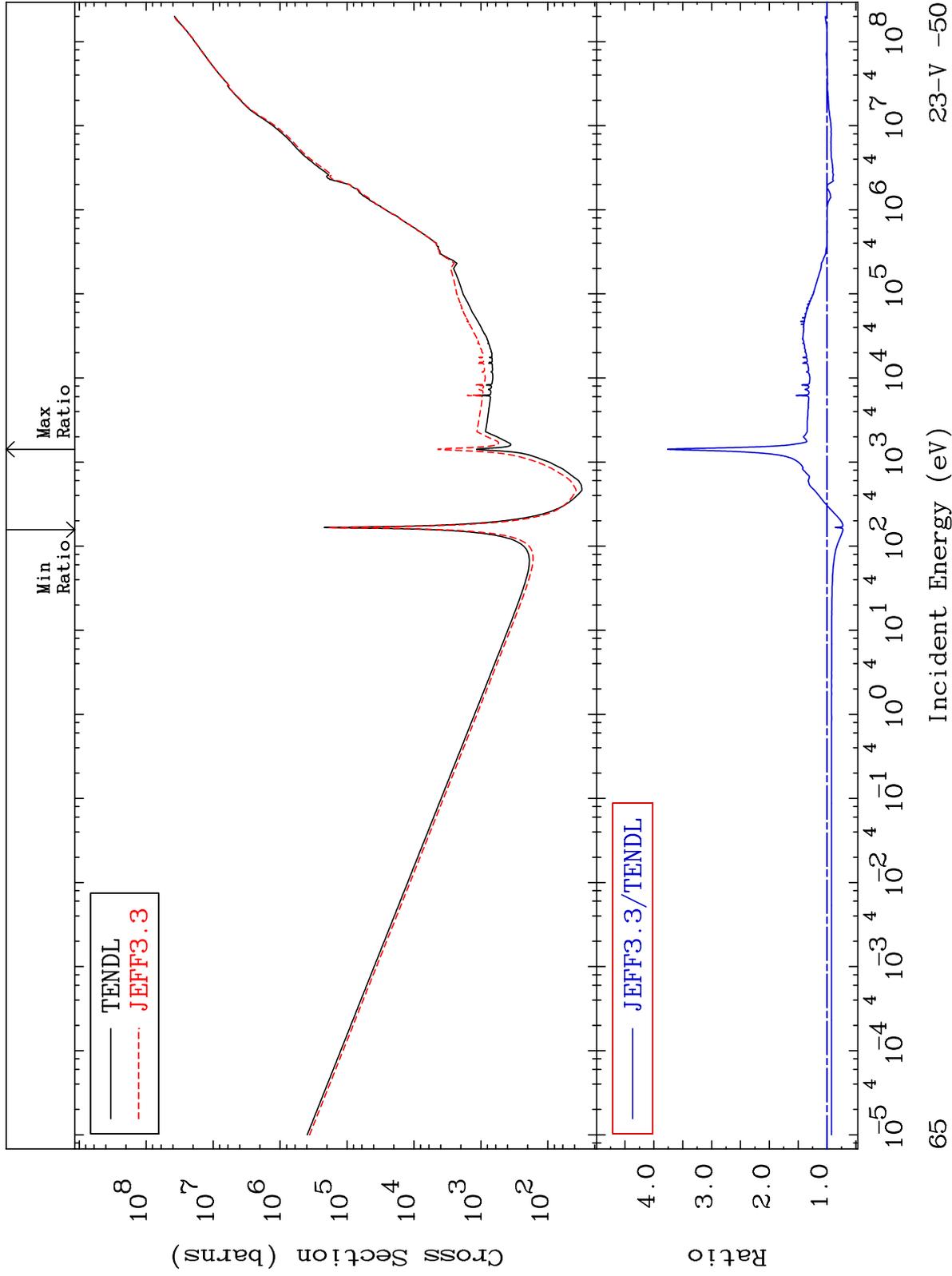
23-V -50  
-99.05 To 467.2 %



MAT 2325

Kerma non-elastic (all but mt2)  
Cross Section

23-V -50  
-27.36 To 276.2 %



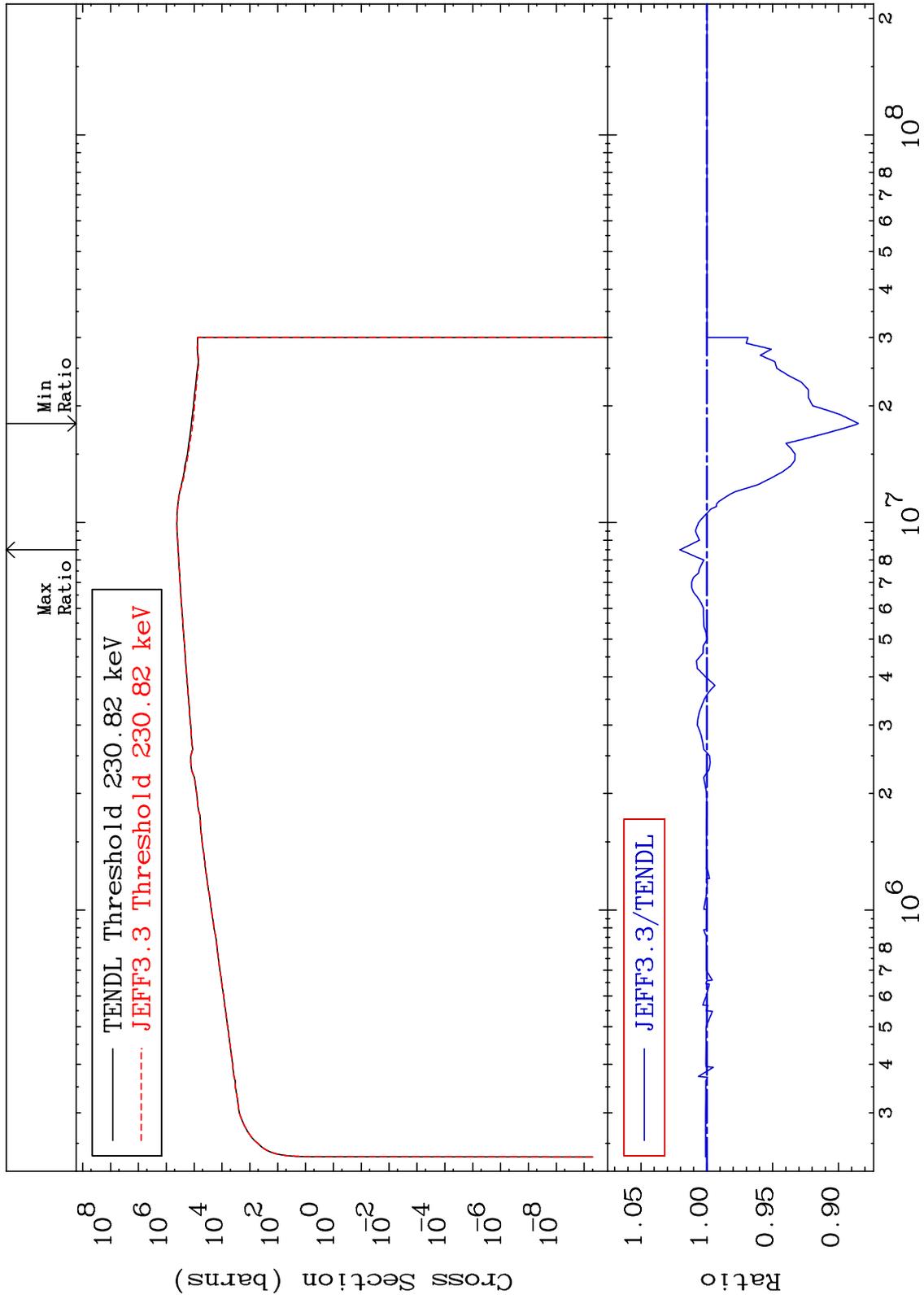
65

23-V -50

MAT 2325

Kerma inelastic (mt51-91)  
Cross Section

23-V -50  
-11.51 To 2.045 %



66

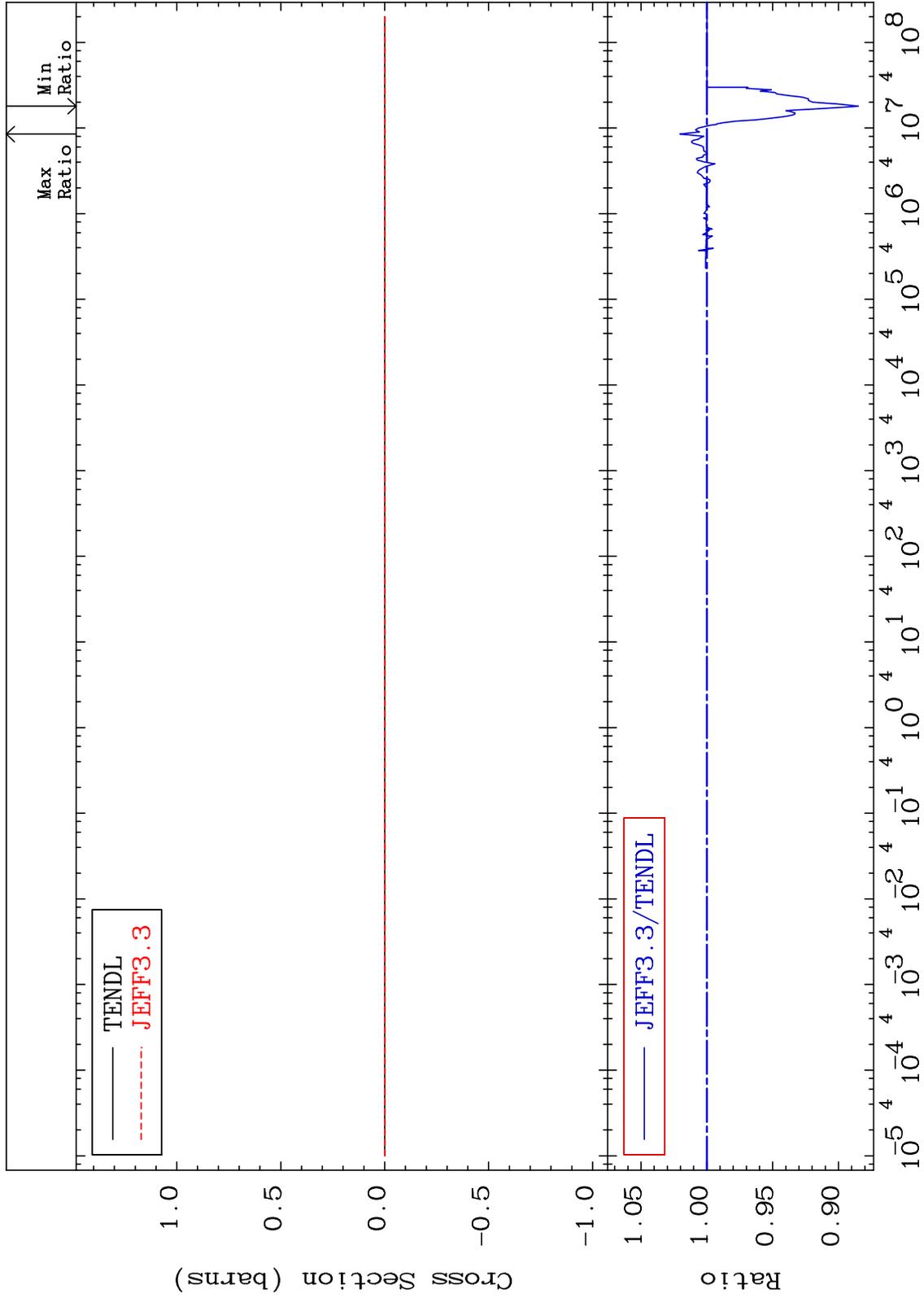
Incident Energy (eV)

23-V -50

MAT 2325

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

23-V -50  
-11.51 To 2.045 %



67

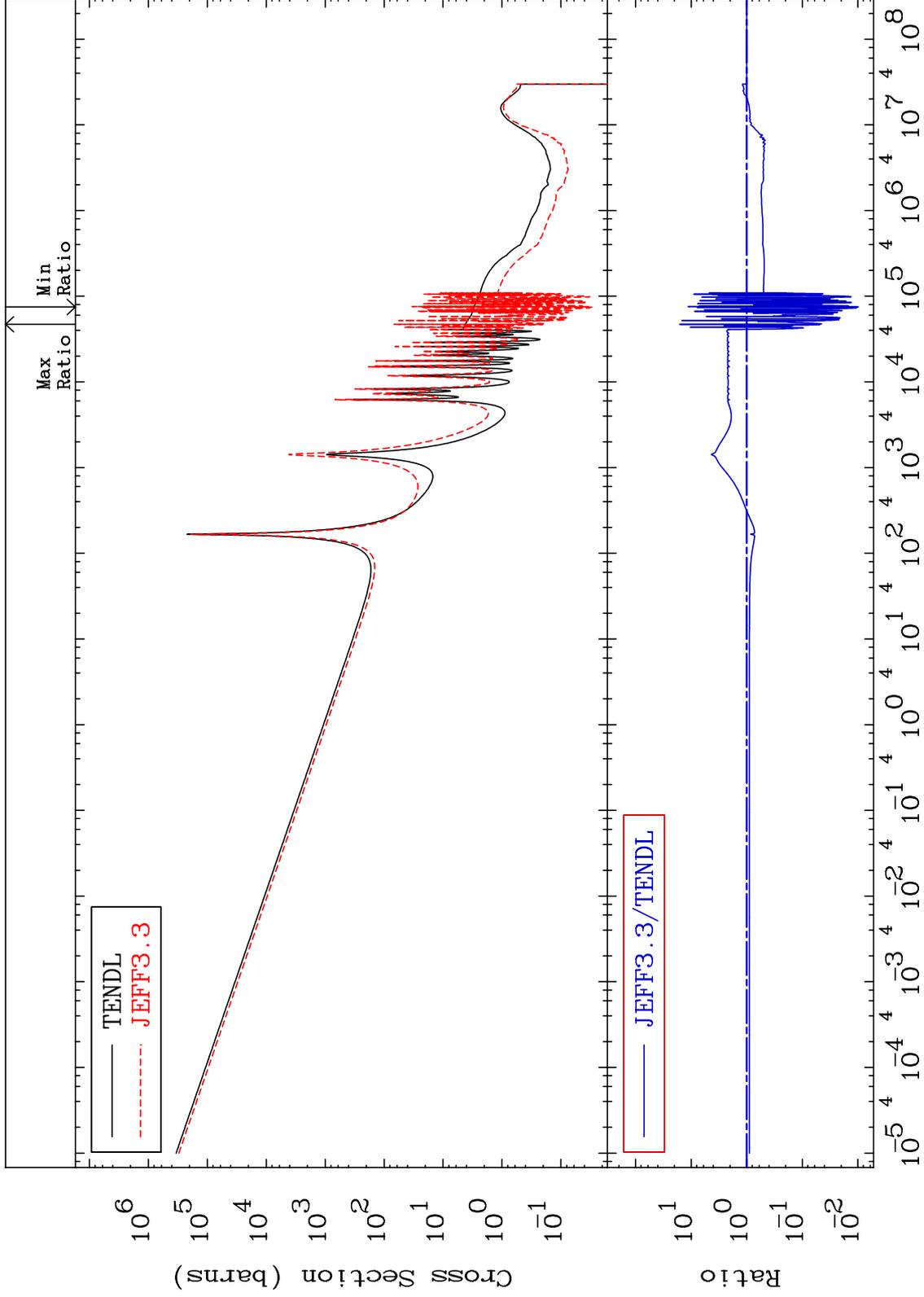
Incident Energy (eV)

23-V -50

MAT 2325

Kerma capture (mt102)  
Cross Section

23-V -50  
-99.02 To 1509. %



68

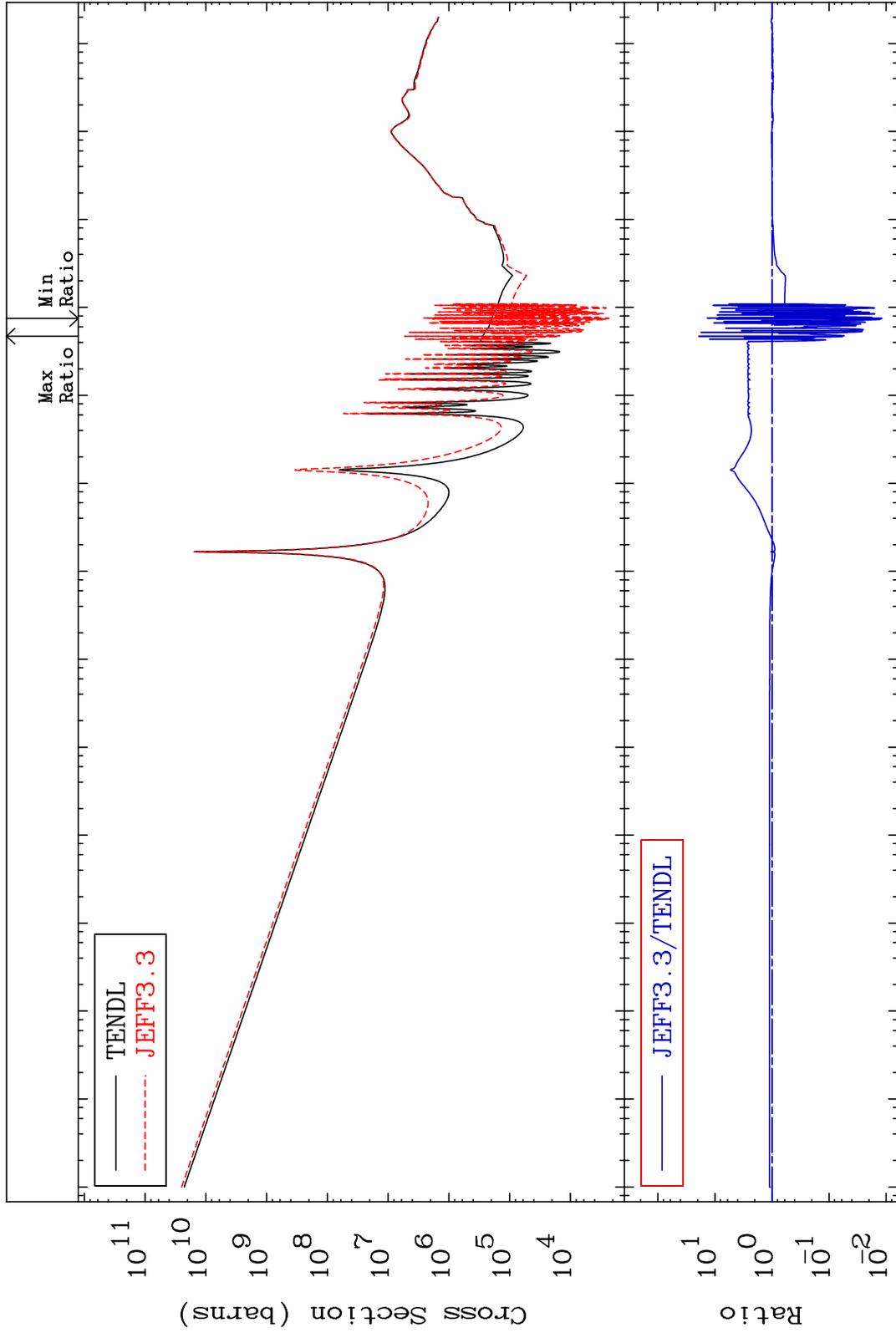
Incident Energy (eV)

23-V -50

MAT 2325

Total photon (eV-barns)  
Cross Section

23-V -50  
-98.82 To 1822. %



69

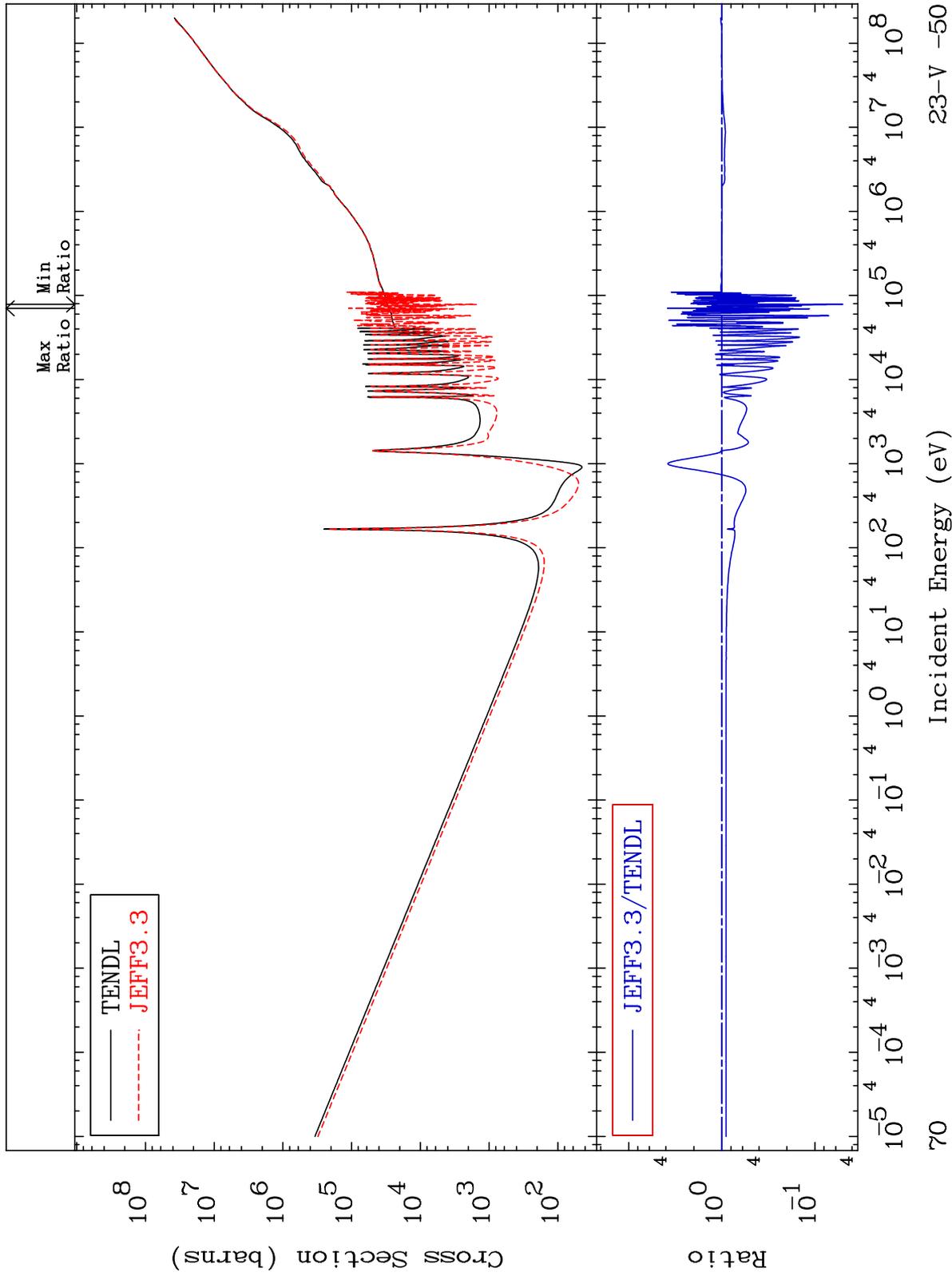
Incident Energy (eV)

23-V -50

MAT 2325

Total kinematic kerma (high limit)  
Cross Section

23-V -50  
-94.97 To 282.1 %



70

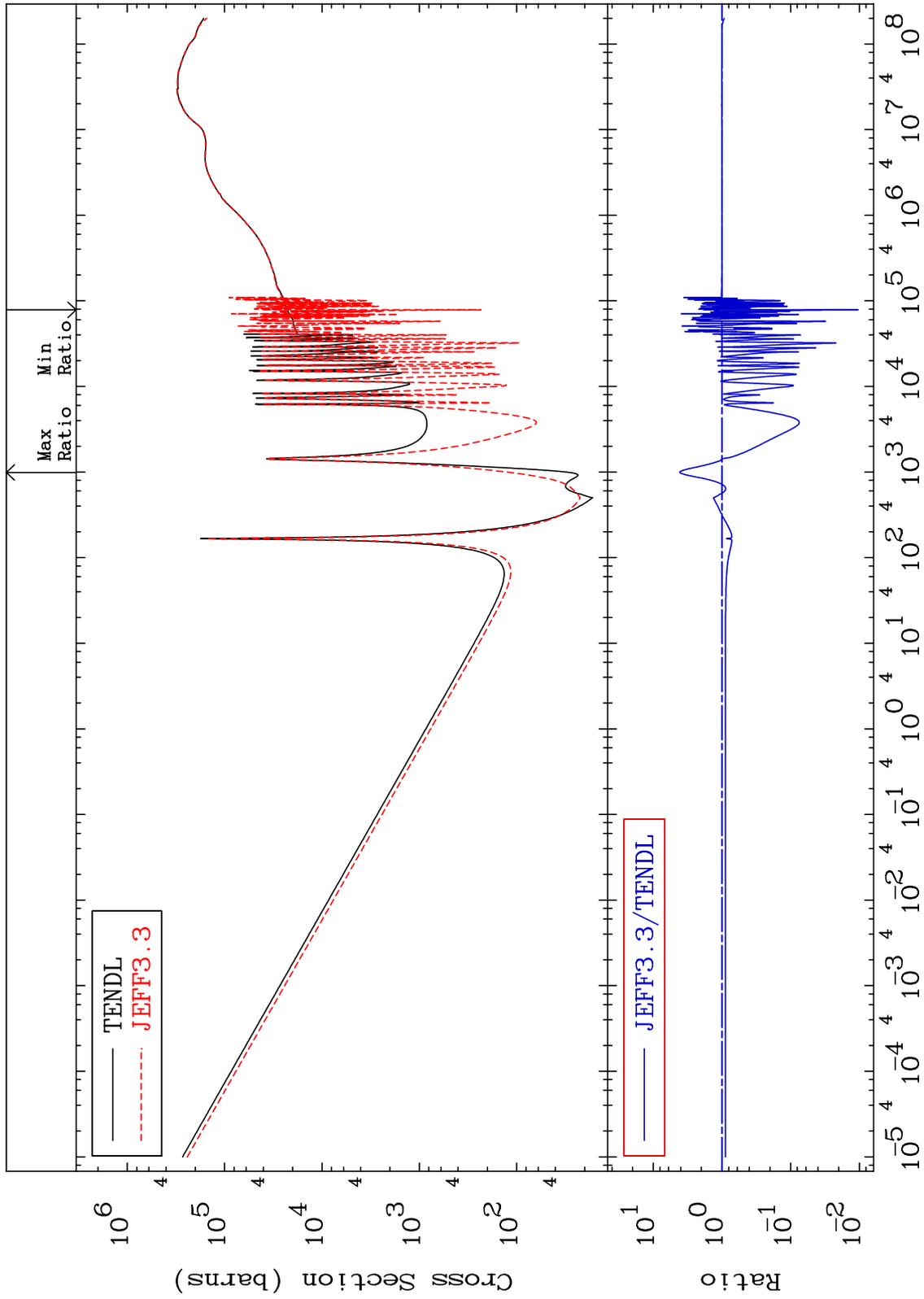
Incident Energy (eV)

23-V -50

MAT 2325

Dpa total (eV-barns)  
Cross Section

23-V -50  
-98.97 To 309.6 %



71

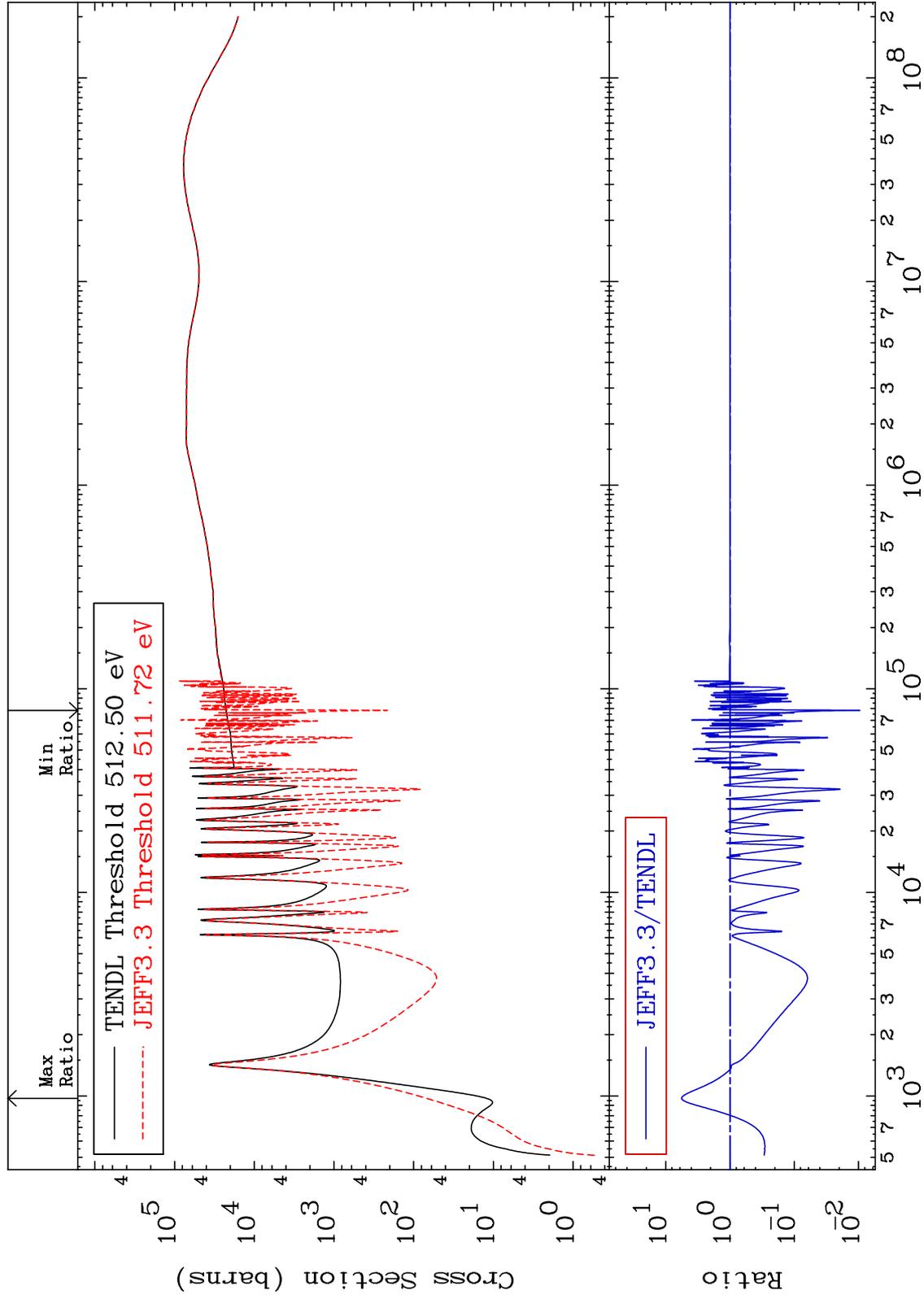
Incident Energy (eV)

23-V -50

MAT 2325

Dpa elastic (mt2)  
Cross Section

23-V -50  
-99.05 To 466.2 %



72

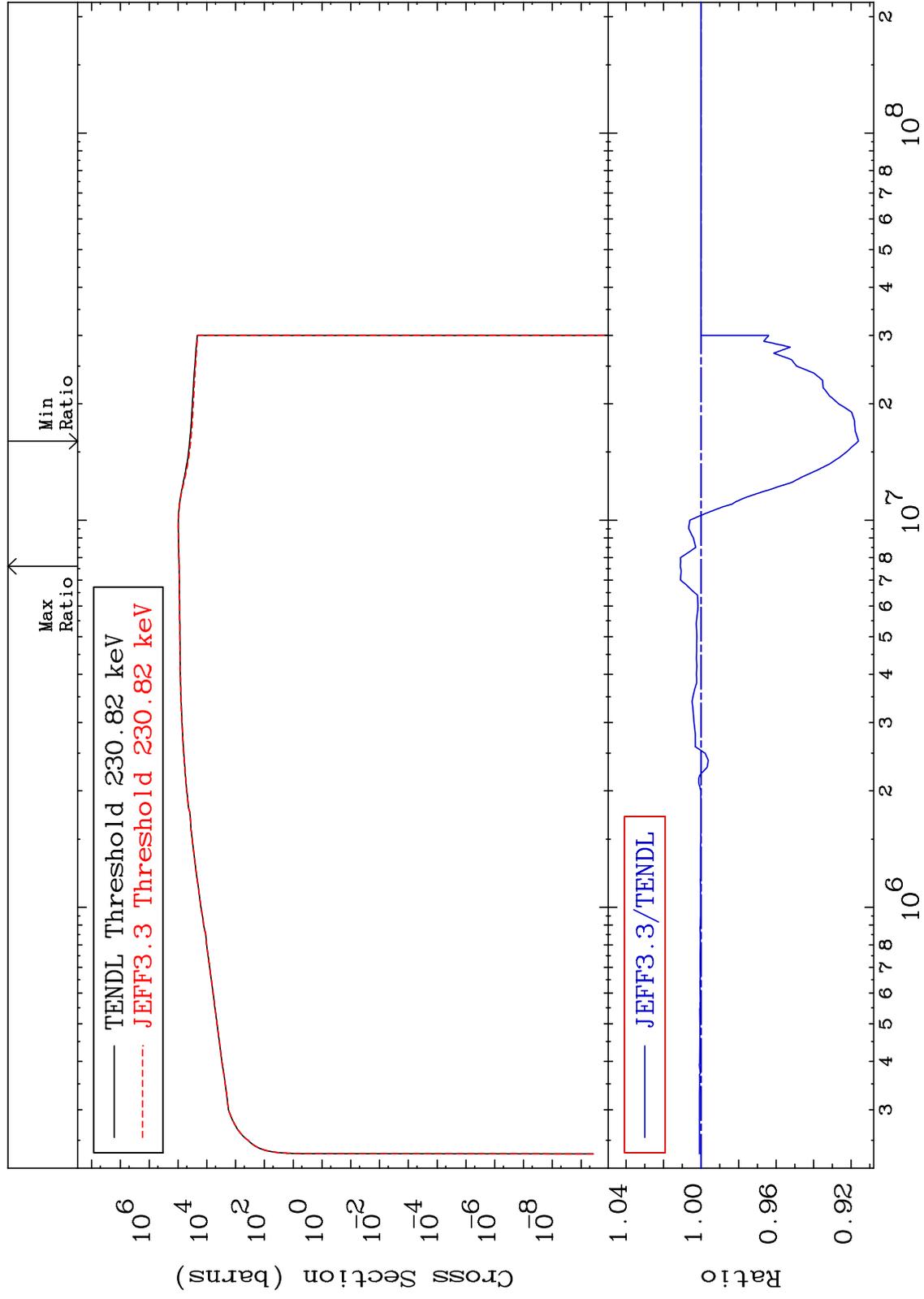
Incident Energy (eV)

23-V -50

MAT 2325

Dpa inelastic (mt51-91)  
Cross Section

23-V -50  
-8.396 To 1.104 %



73

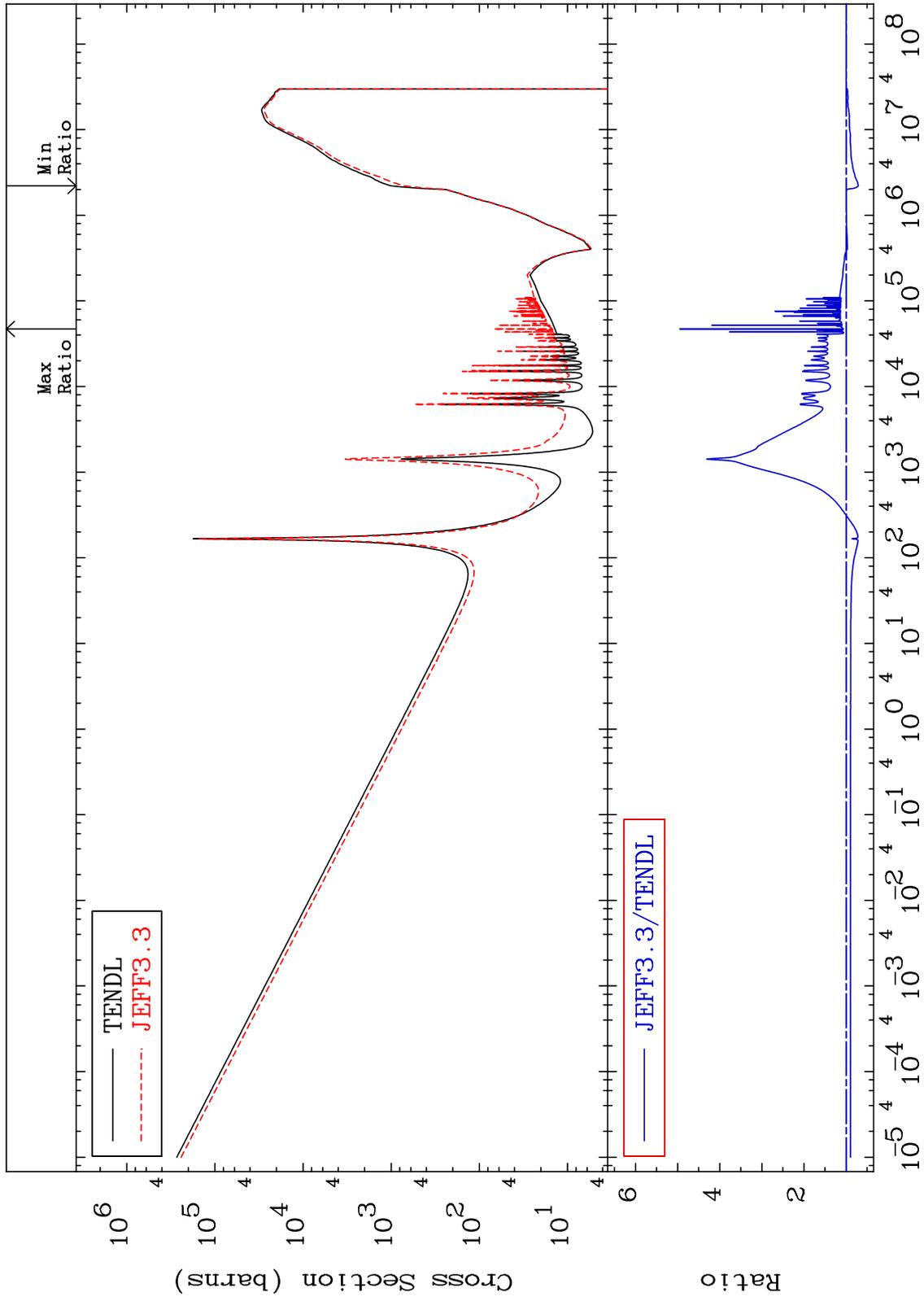
Incident Energy (eV)

23-V -50

MAT 2325

Dpa disappearance (mt102 -120)  
Cross Section

23-V -50  
-29.20 To 394.5 %

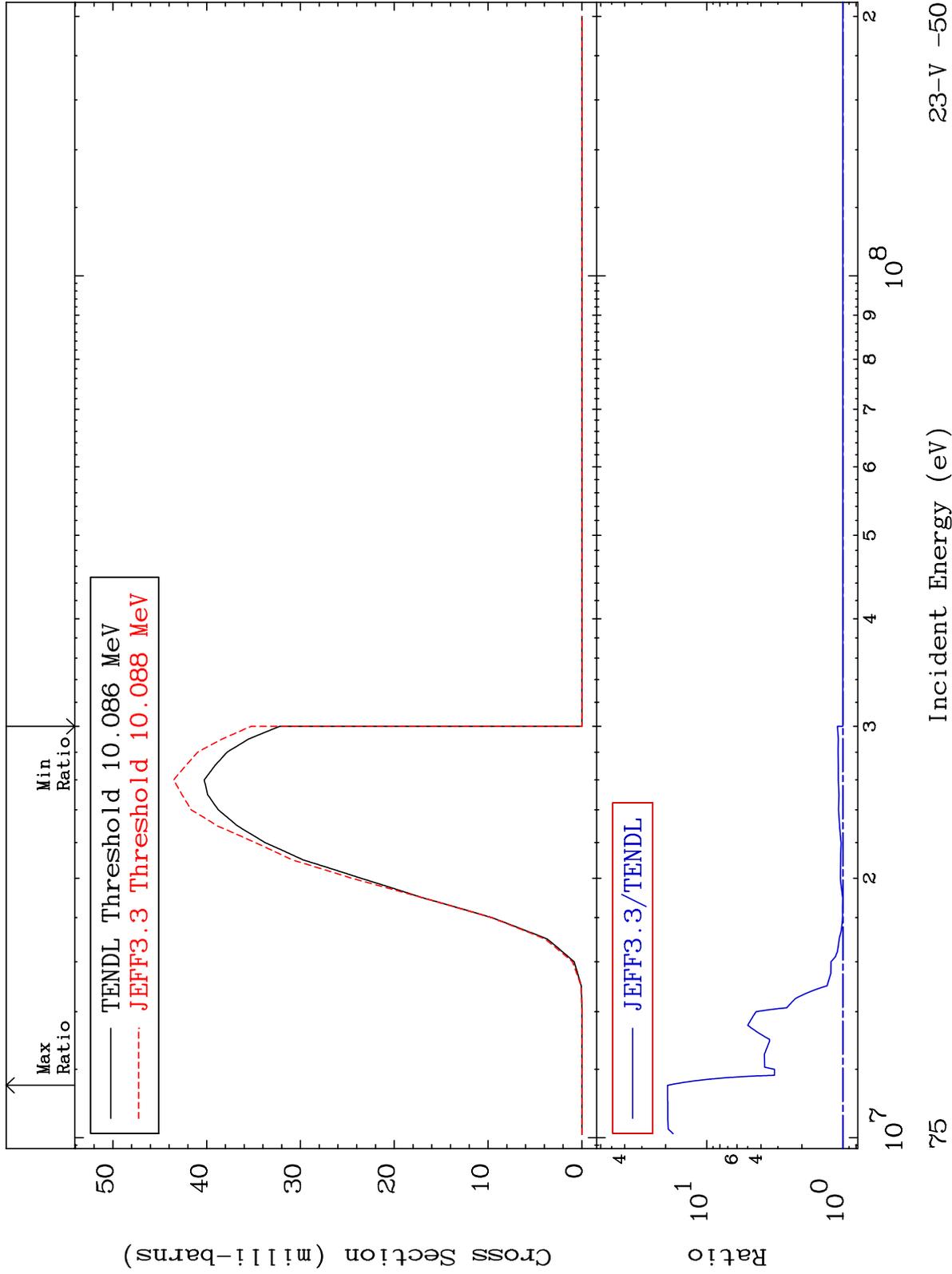


MAT 2325

(n, n')  $\alpha$ :21-Sc-46g

23-V -50

Radionuclide Production Cross Section 0.000 To 1837. %

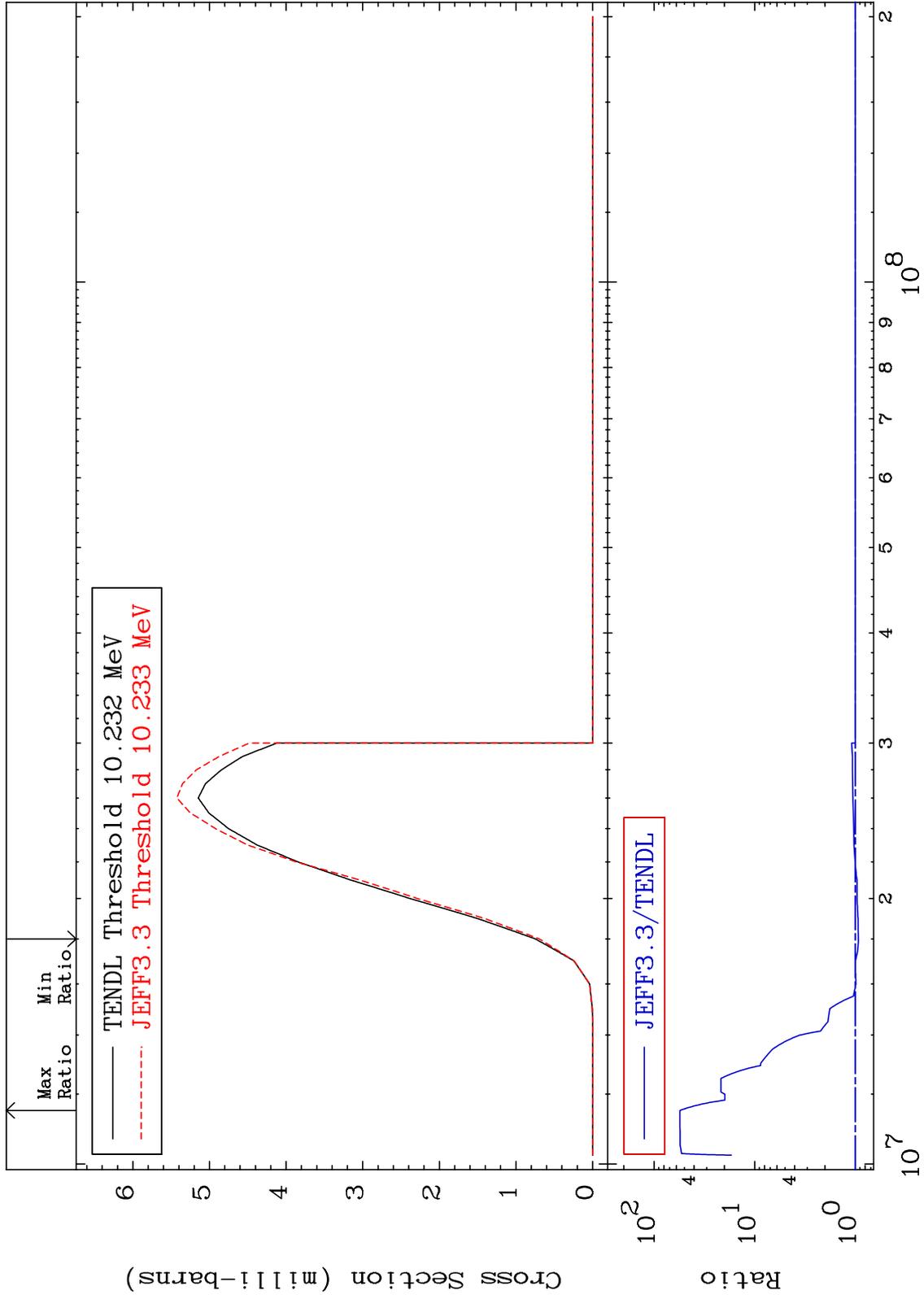


MAT 2325

(n, n')  $\alpha$ :21-Sc-46m2

23-V -50

Radionuclide Production Cross Section -6.884 To 5434. %



23-V -50

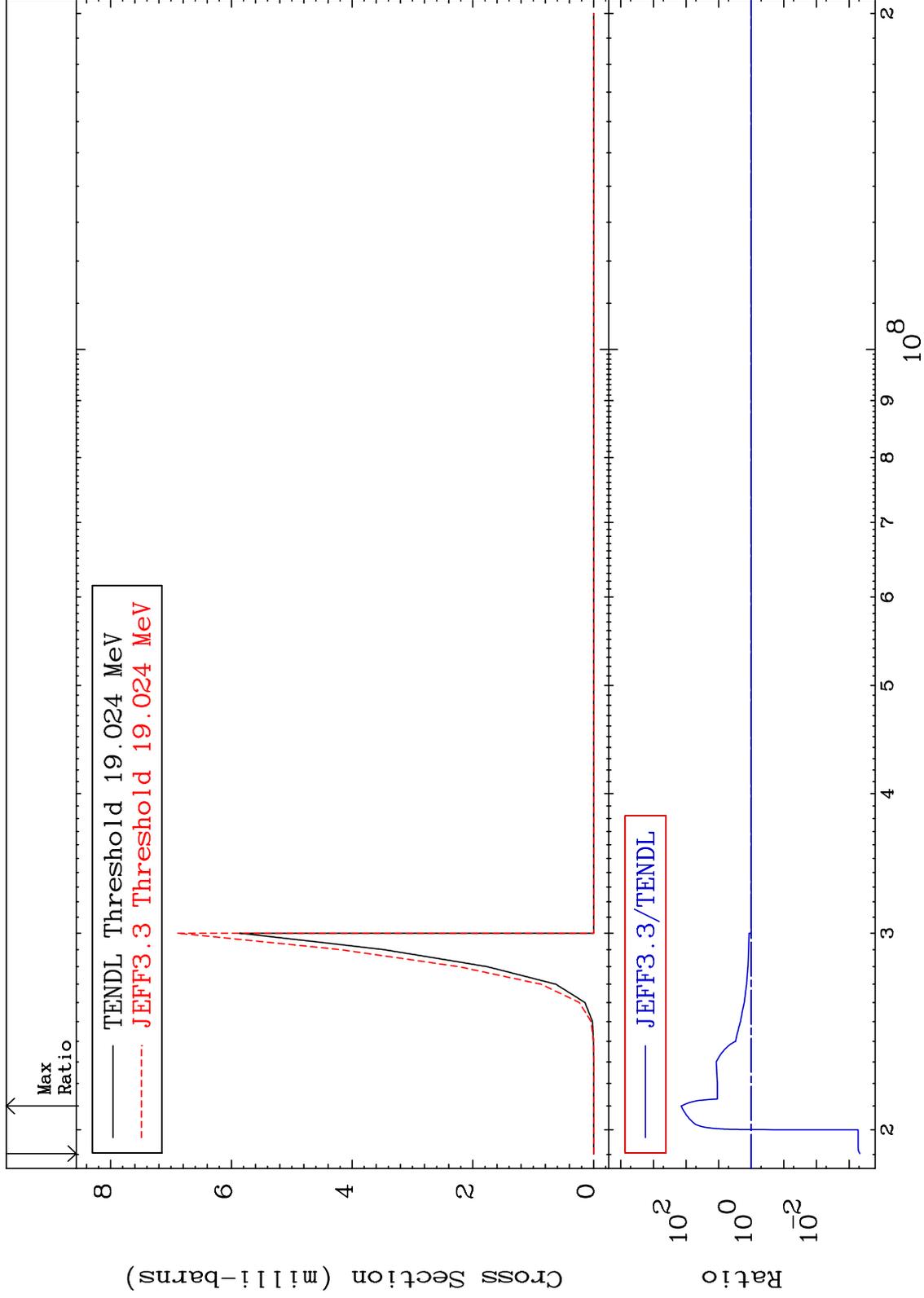
76

MAT 2325

(n,2n)  $\alpha$ :21-Sc-45g

23-V -50

Radionuclide Production Cross Section -99.95 To 9999. %



77

Incident Energy (eV)

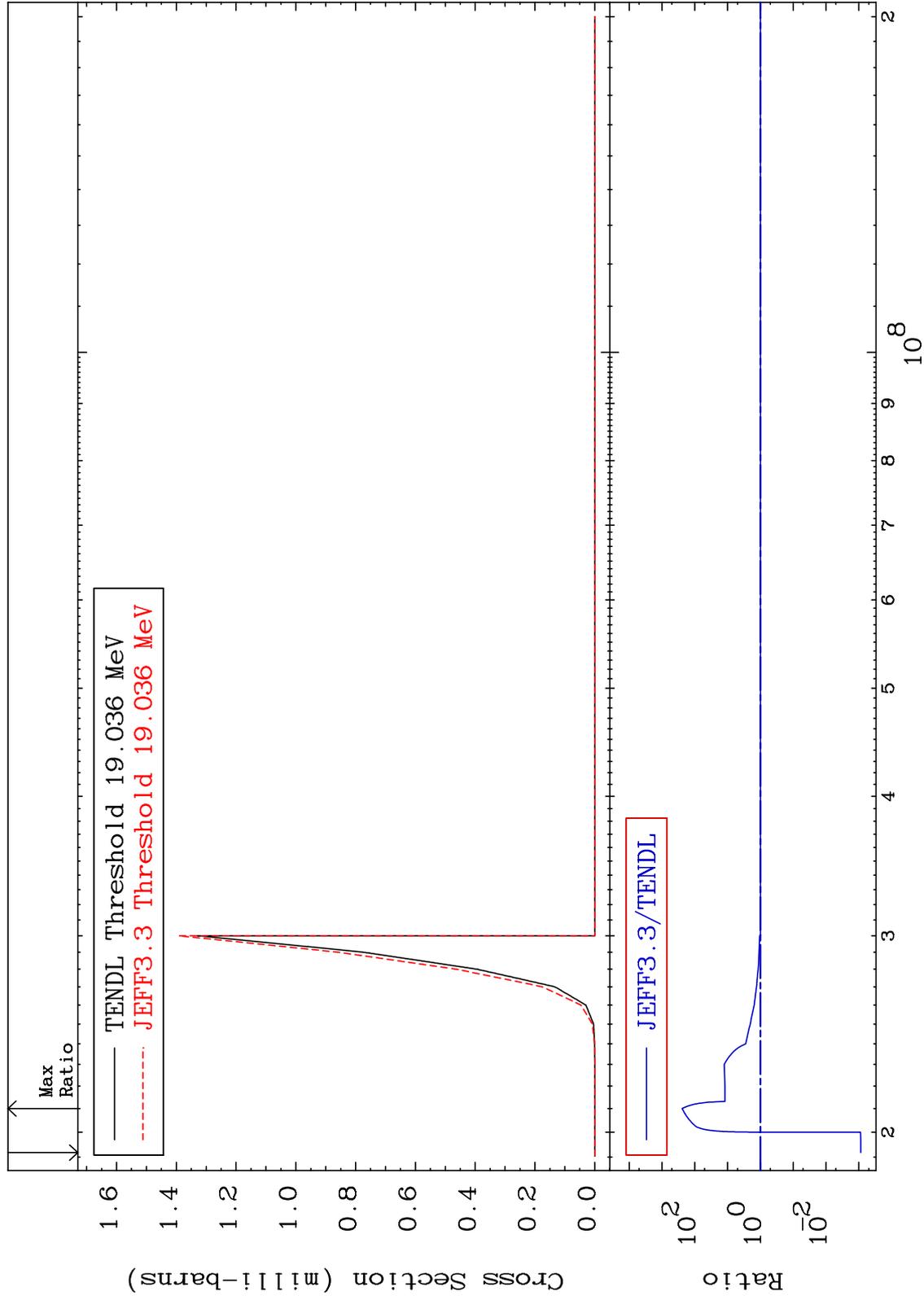
23-V -50

MAT 2325

(n,2n)  $\alpha$ :21-Sc-45m1

23-V -50

Radionuclide Production Cross Section -99.91 To 9999. %

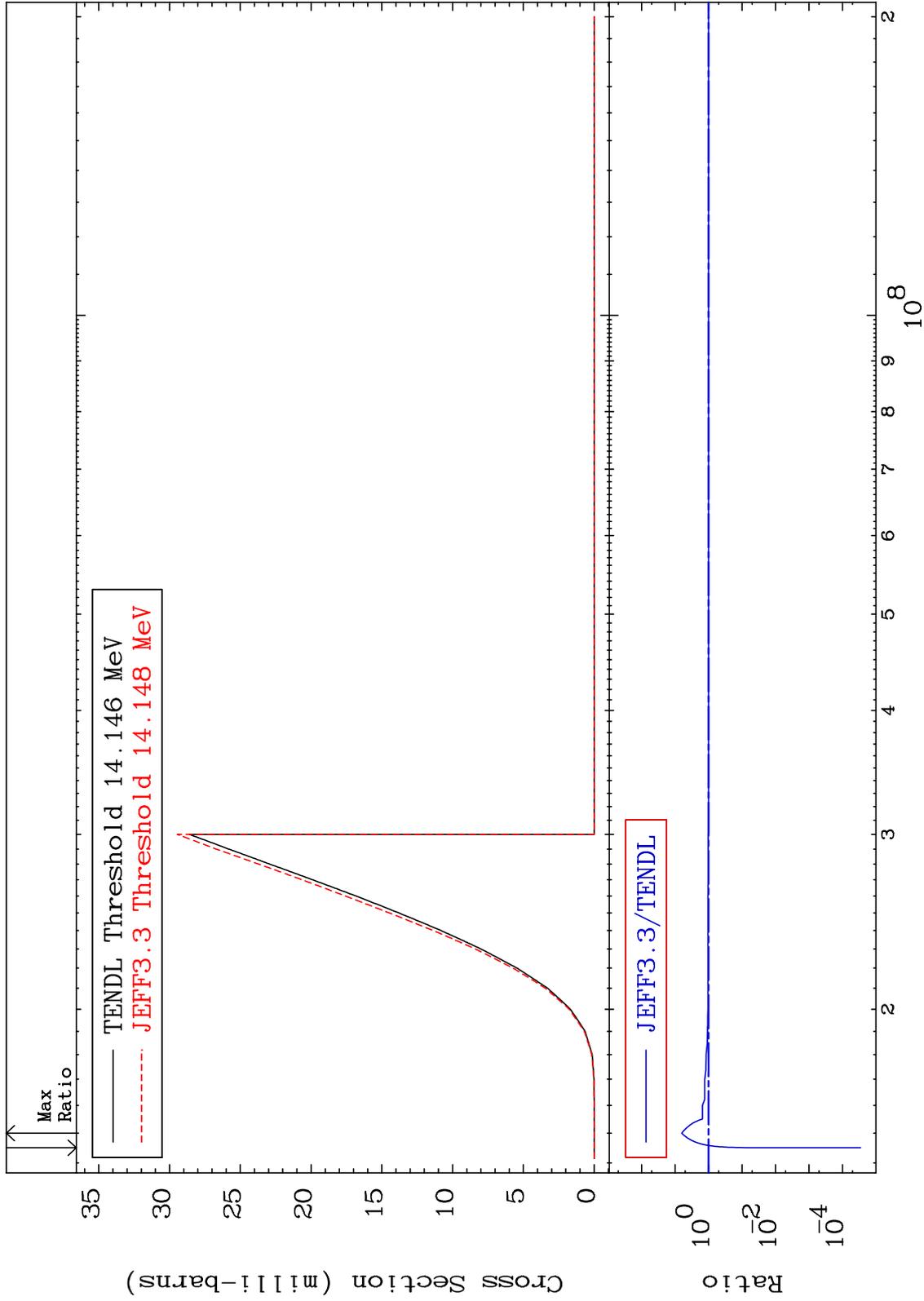


78

Incident Energy (eV)

23-V -50

Radionuclide Production Cross Section -100.0 To 535.6 %

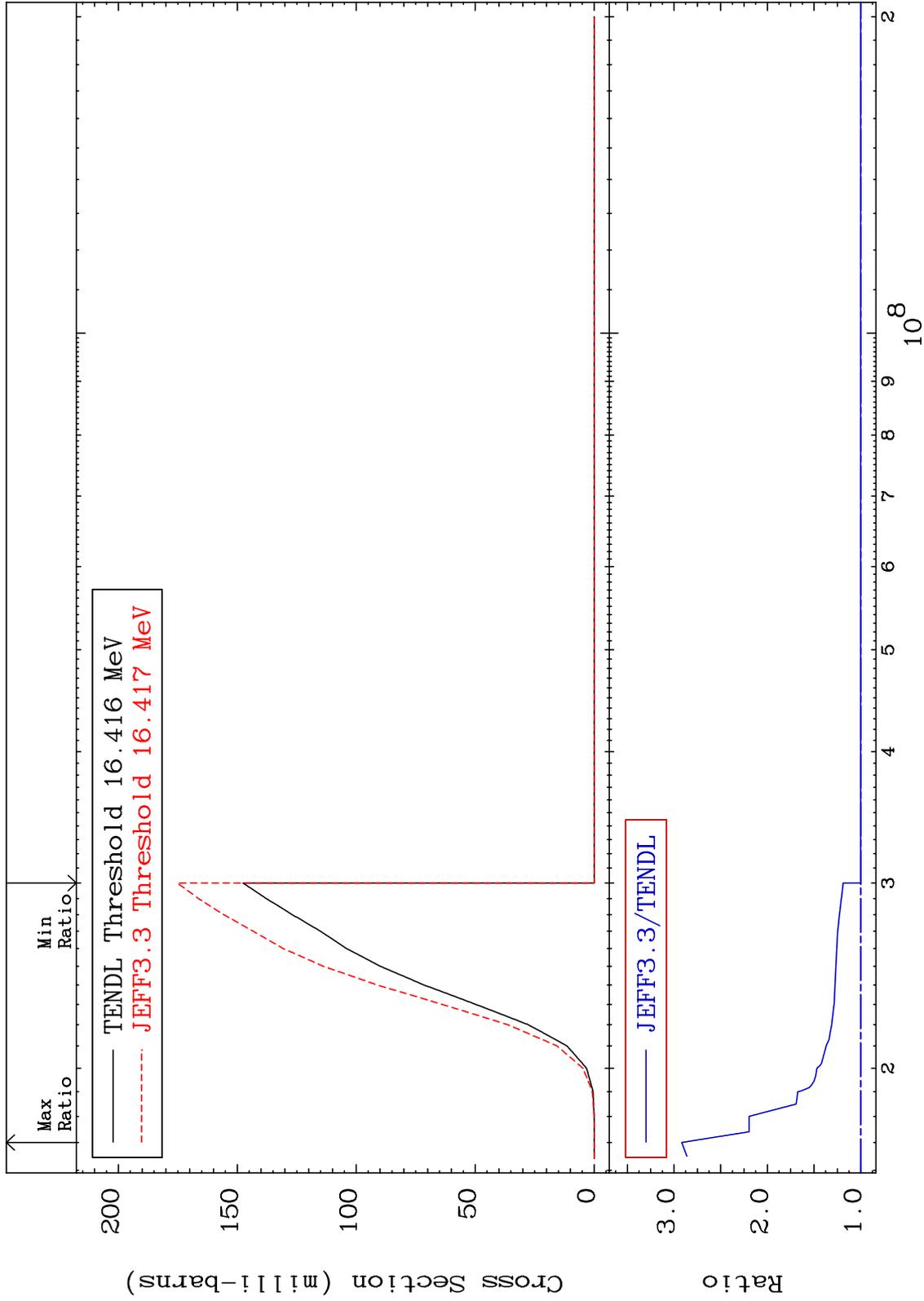


MAT 2325

(n,2n) p:22-Ti-48g

23-V -50

Radionuclide Production Cross Section 0.000 To 191.7 %



23-V -50

Incident Energy (eV)

80

Radionuclide Production Cross Section

-29.62 To 32.49 %

