

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

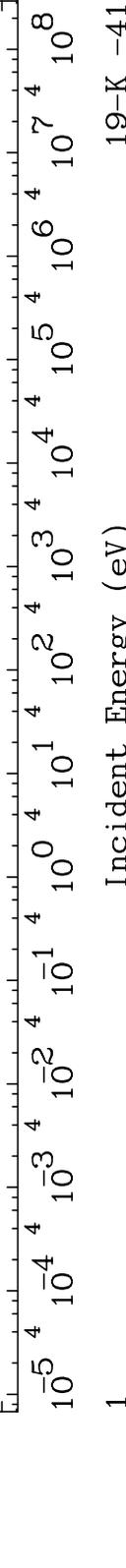
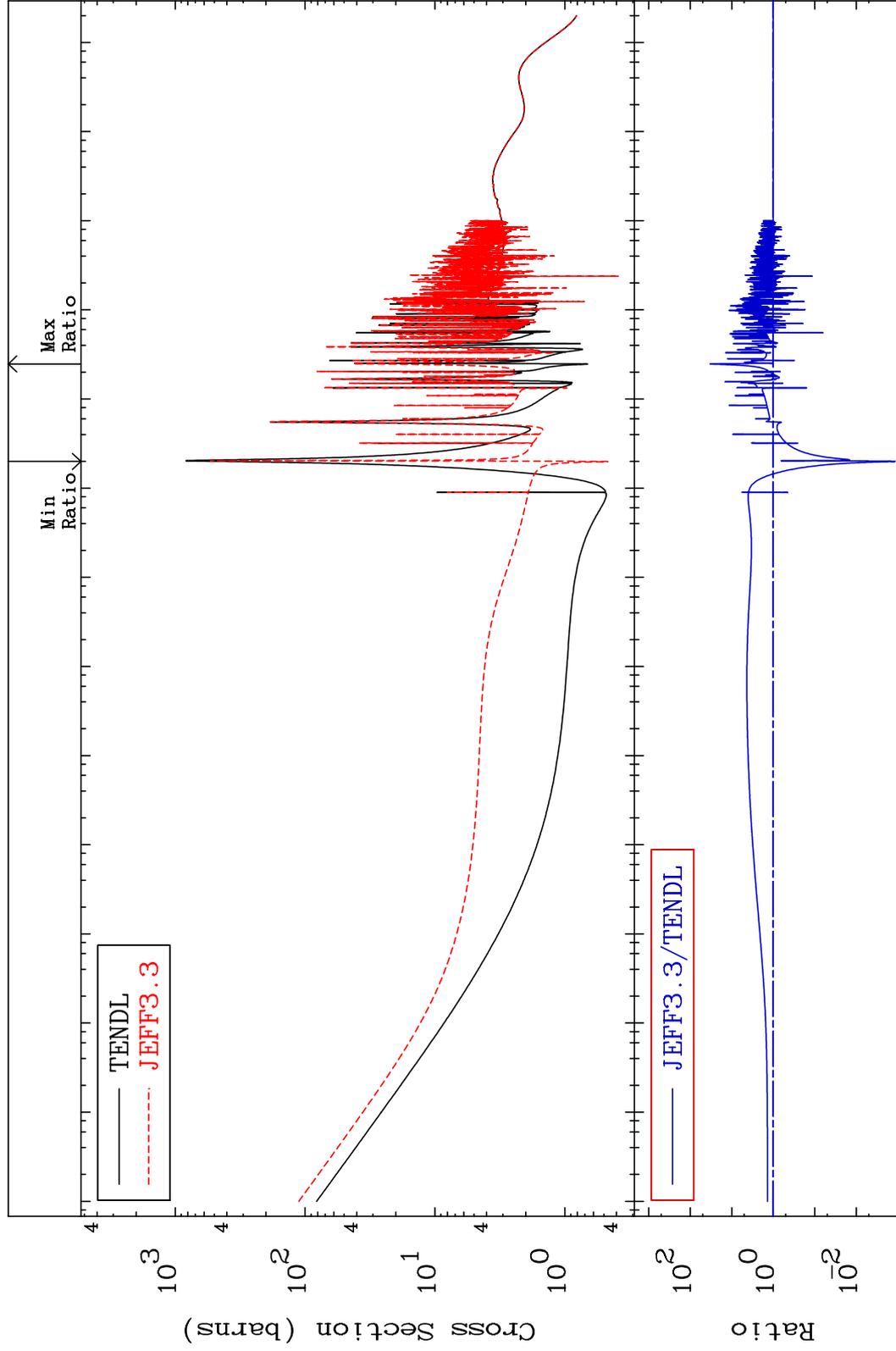
MAT 1931

Total

19-K -41

Cross Section

-99.89 To 3304. %



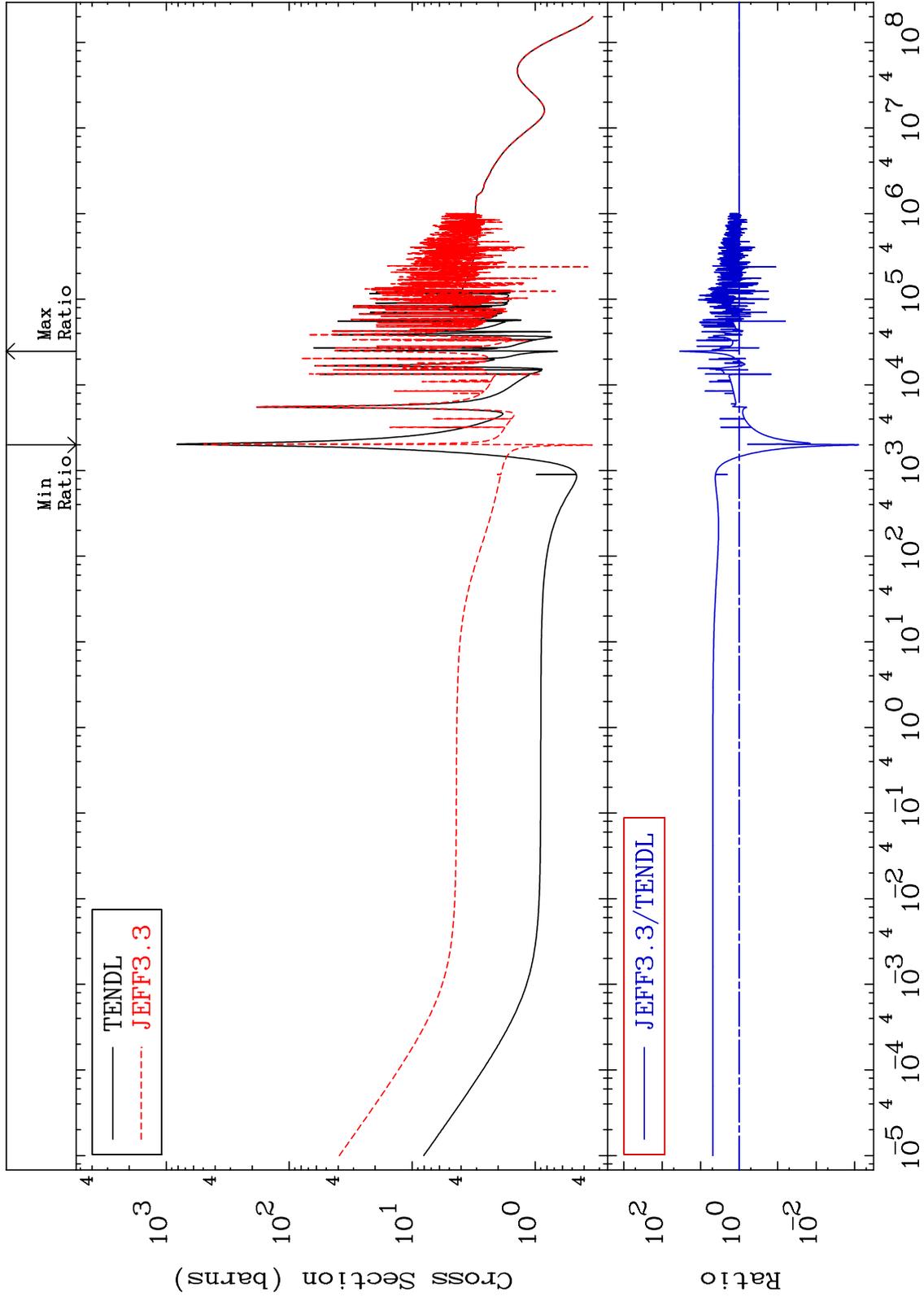
Incident Energy (eV)

19-K -41

MAT 1931

Elastic
Cross Section

19-K -41
-99.92 To 3363. %



Incident Energy (eV)

19-K -41

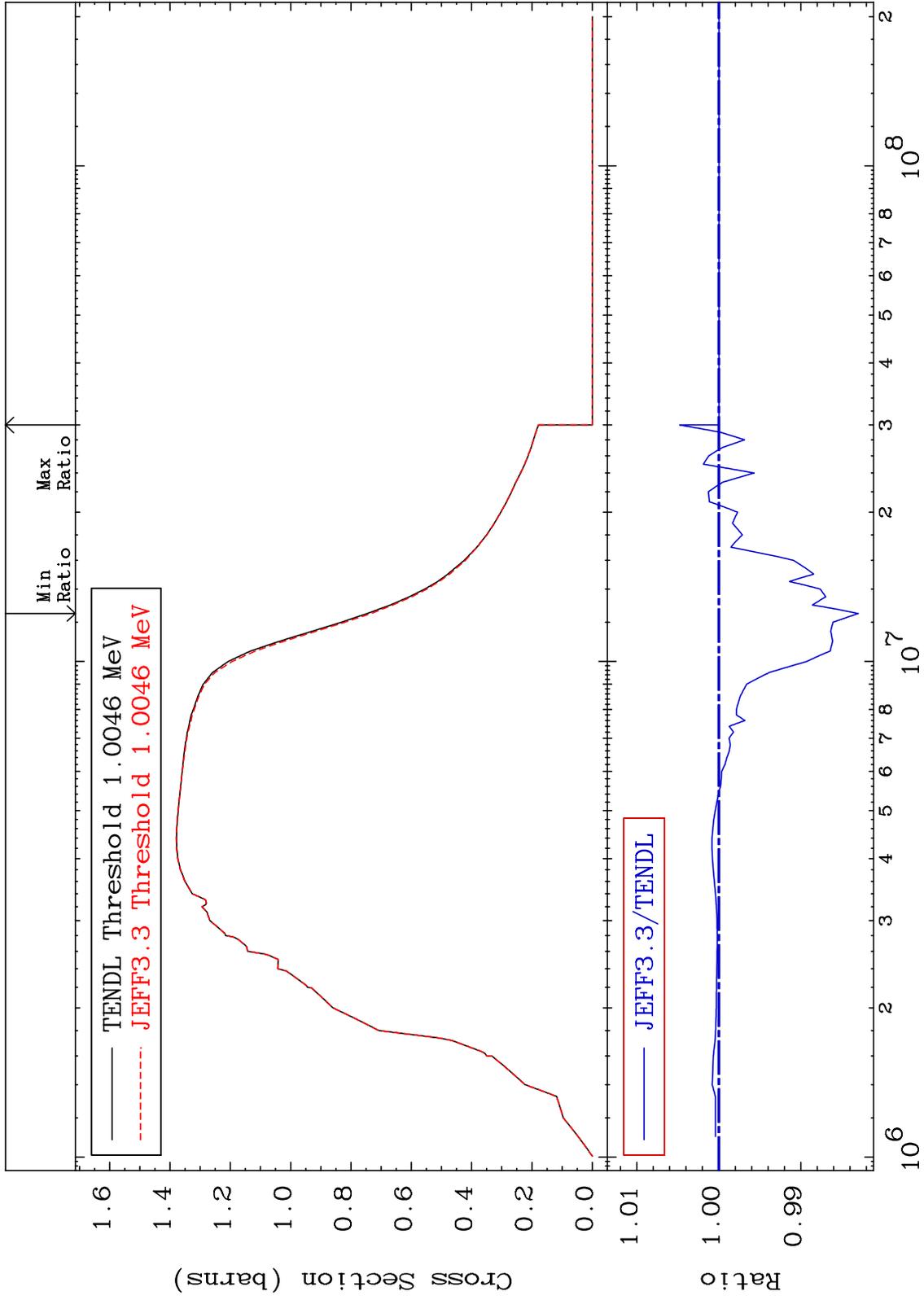
2

MAT 1931

Inelastic
Cross Section

19-K -41

-1.702 To 0.478 %



Incident Energy (eV)

19-K -41

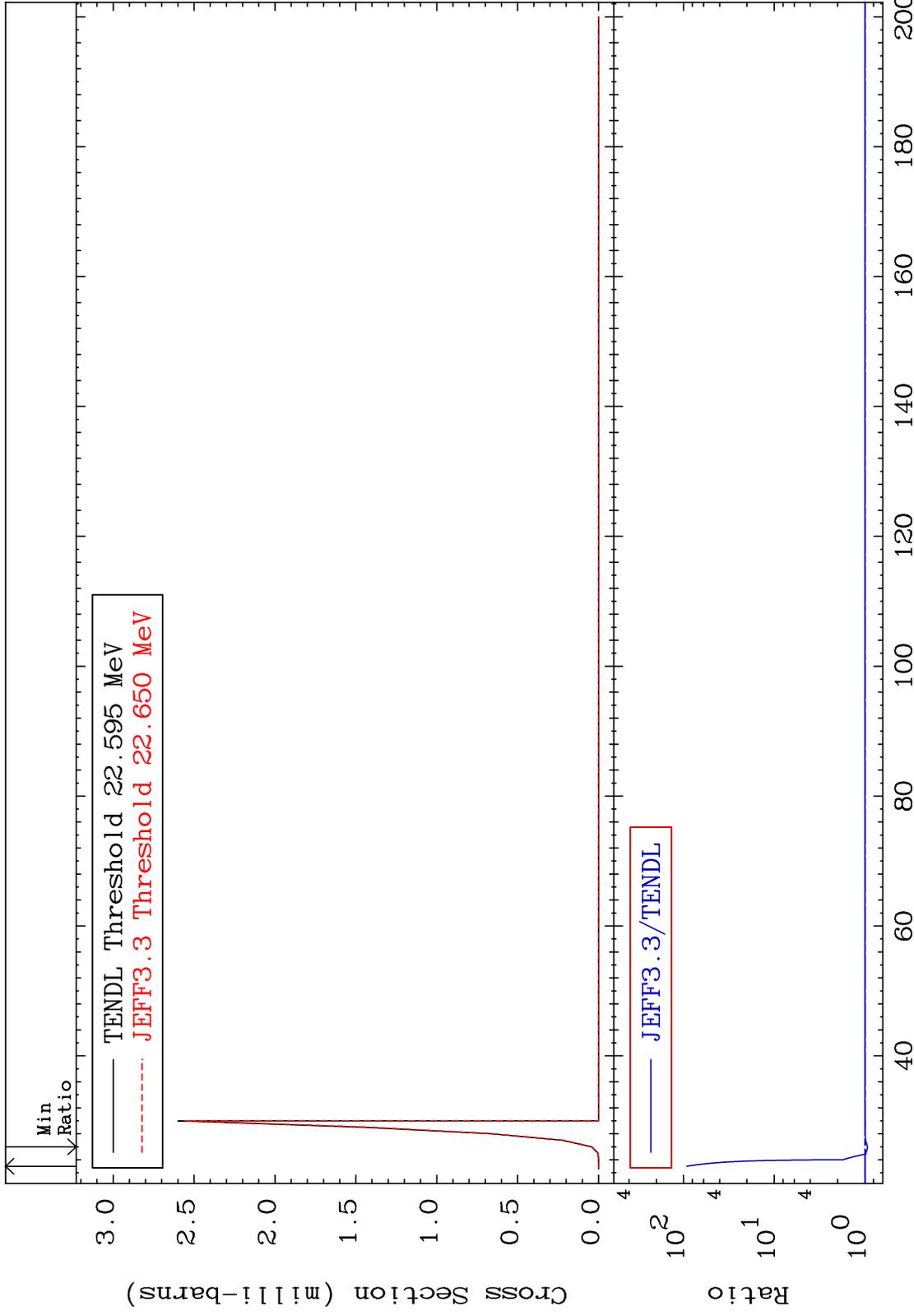
MAT 1931

(n,2n) d

19-K -41

Cross Section

-6.263 To 9087. %



4

Incident Energy (MeV)

19-K -41

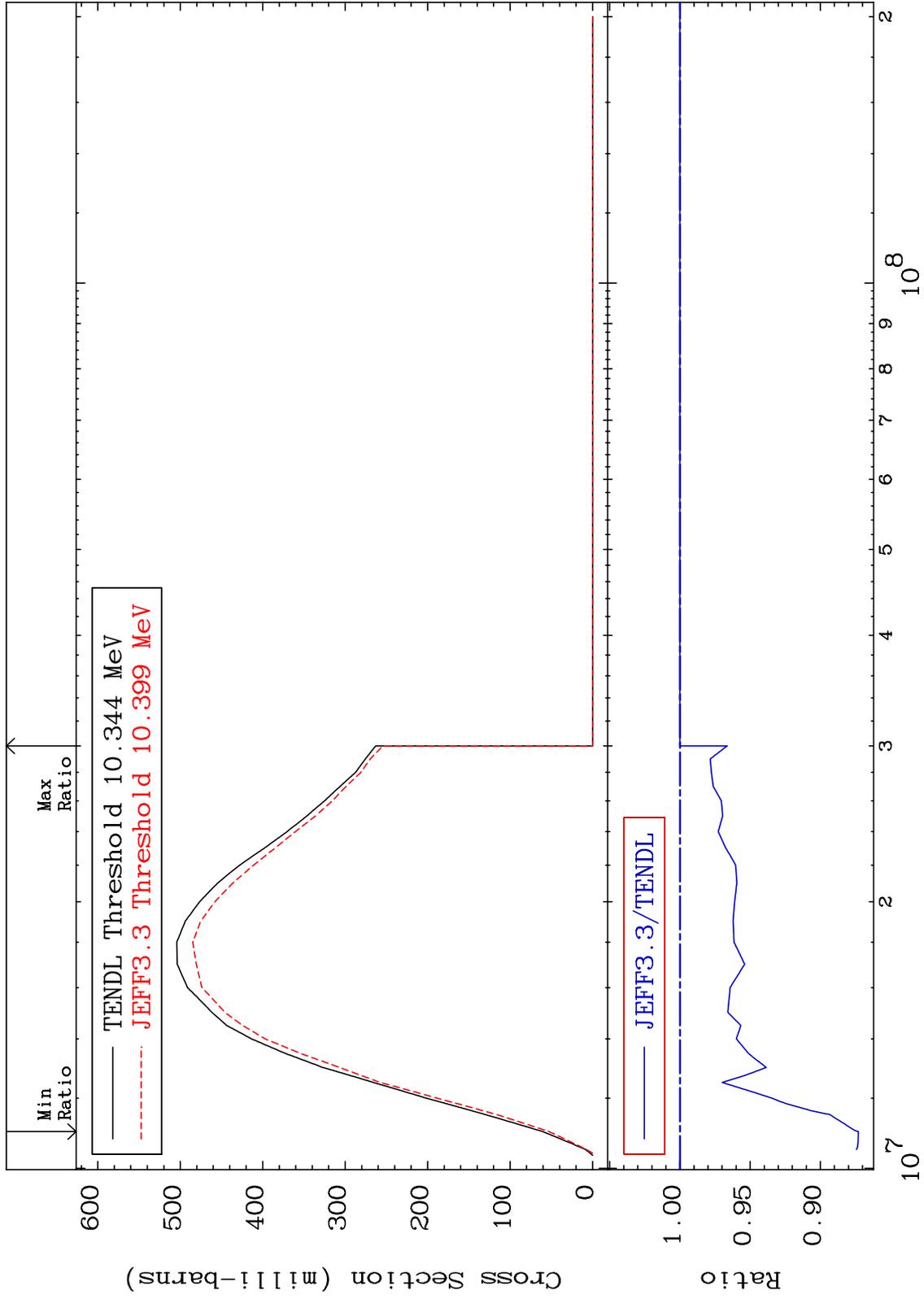
MAT 1931

(n,2n)

19-K -41

Cross Section

-12.71 To 0.000 %



19-K -41

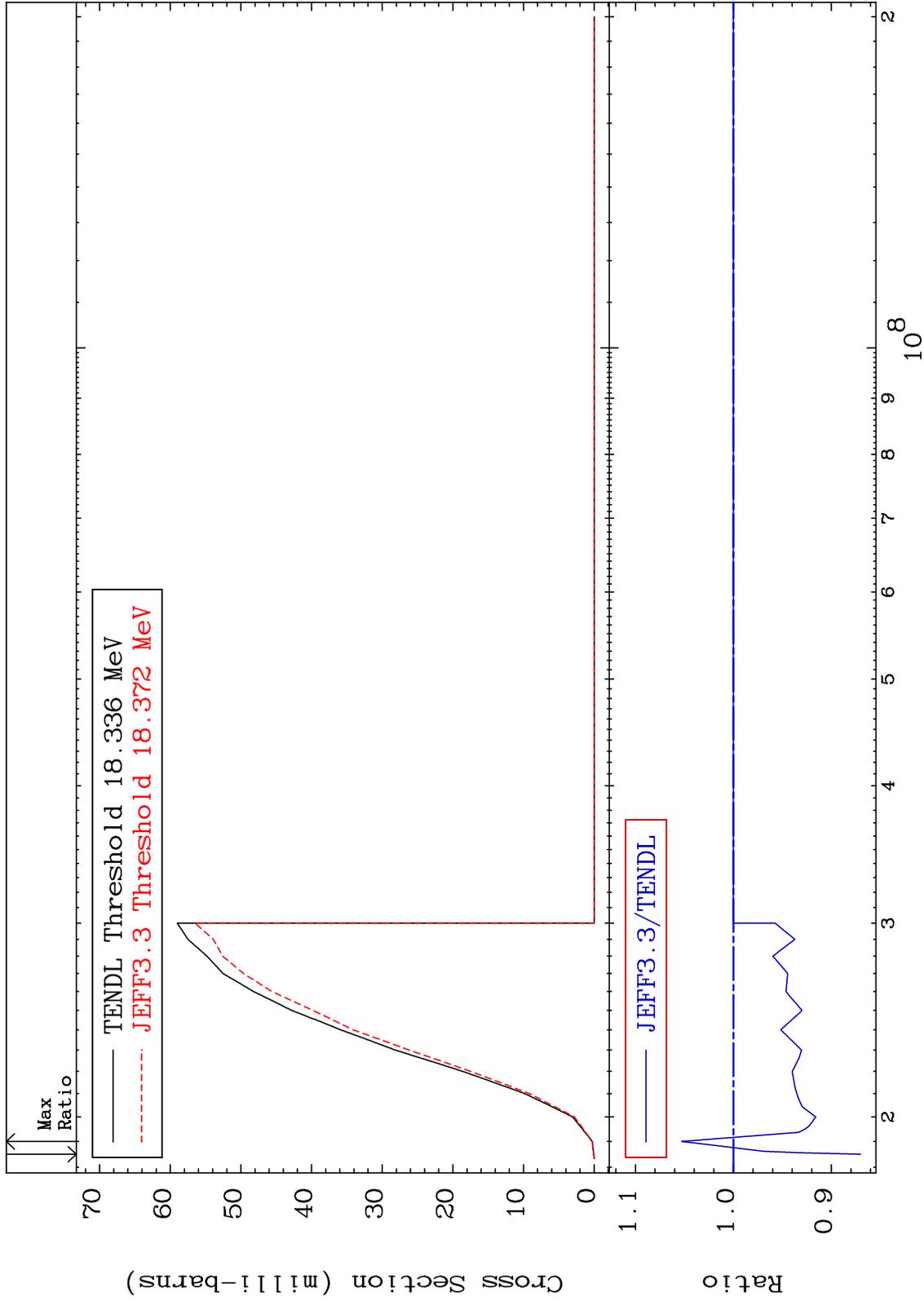
MAT 1931

(n,3n)

19-K -41

Cross Section

-12.99 To 5.272 %



6

Incident Energy (eV)

19-K -41

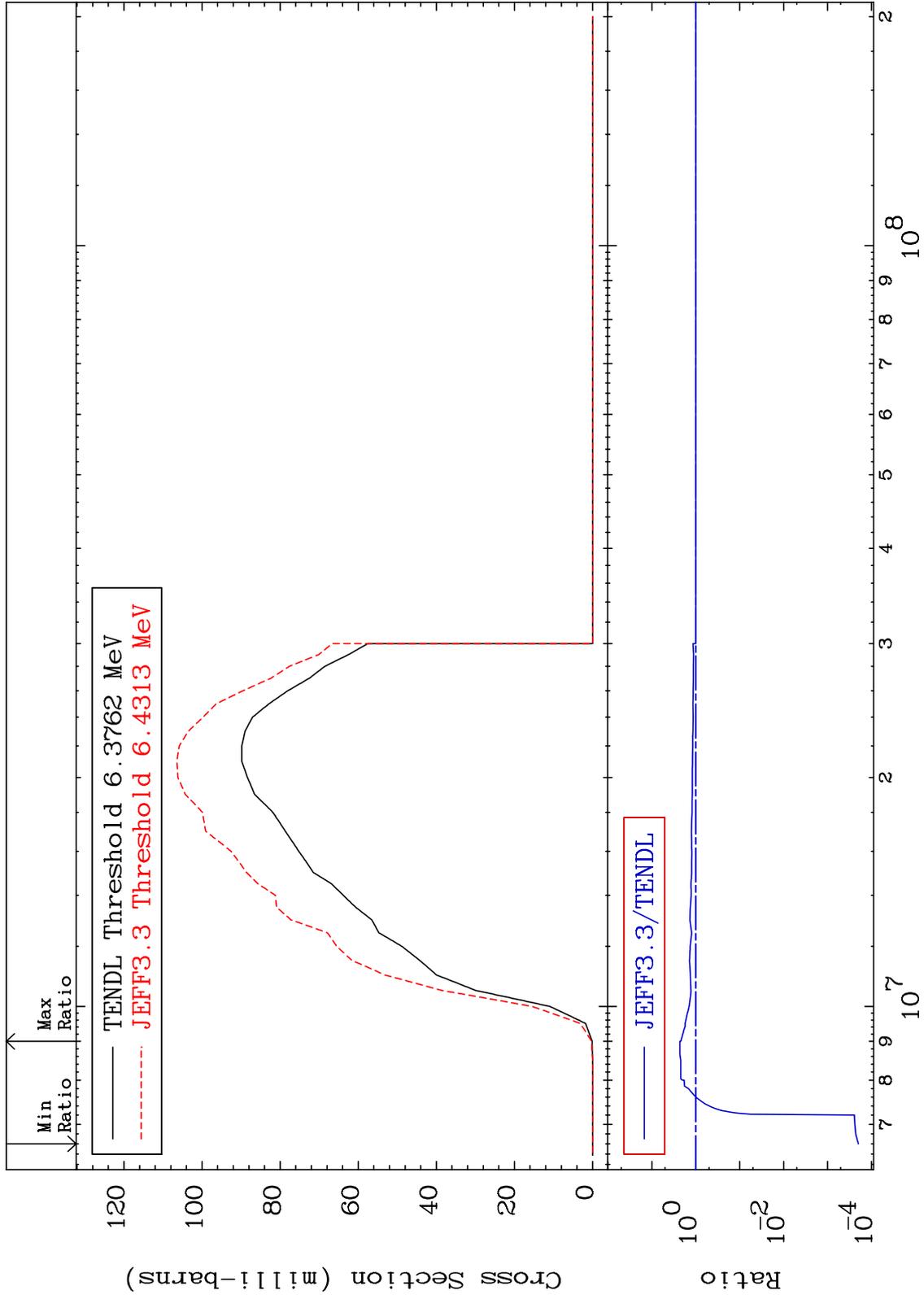
MAT 1931

(n,n') α

19-K -41

Cross Section

-99.98 To 129.5 %



7

Incident Energy (eV)

19-K -41

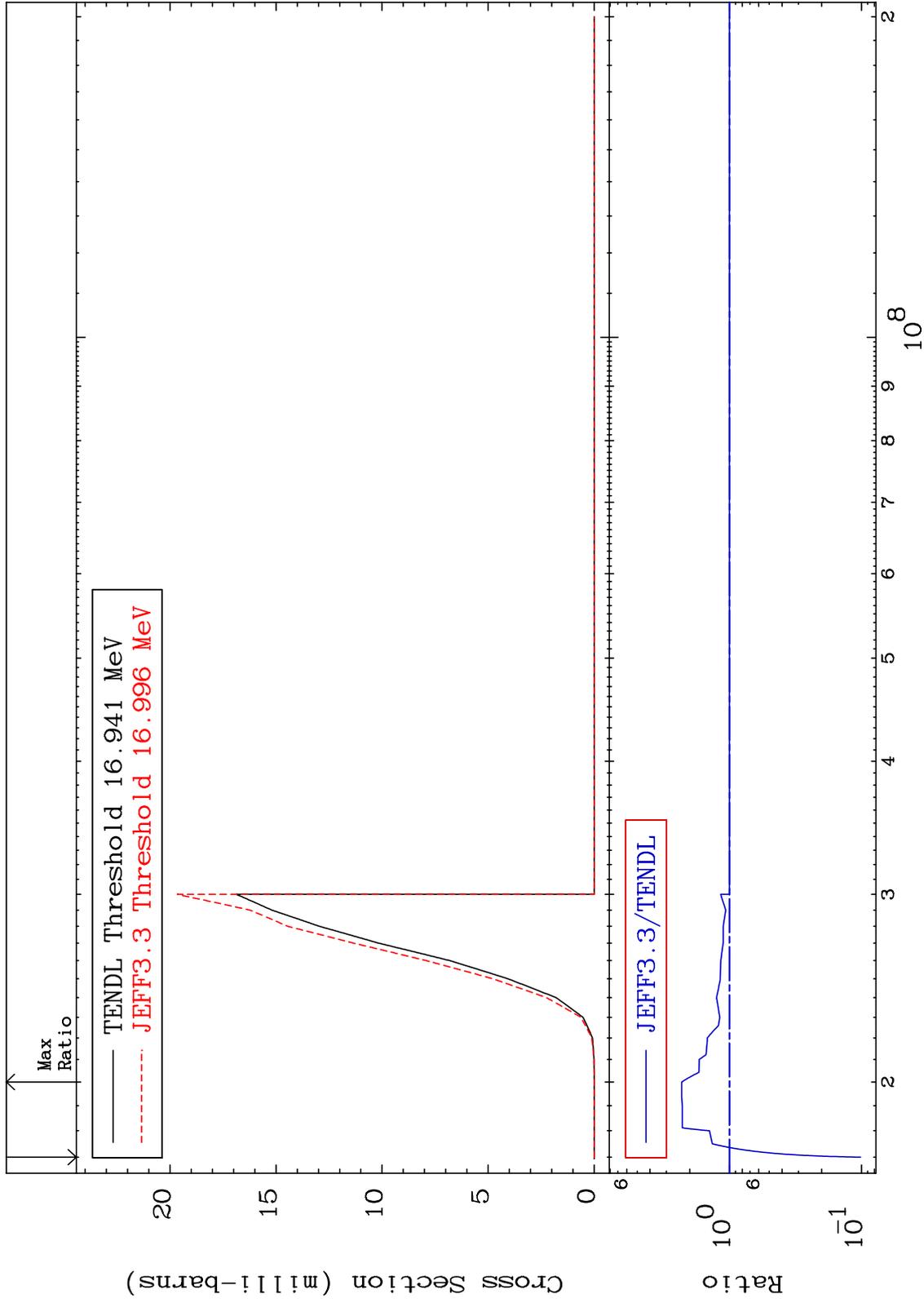
MAT 1931

(n,2n) α

19-K -41

Cross Section

-89.85 To 129.8 %



8

19-K -41

19-K -41

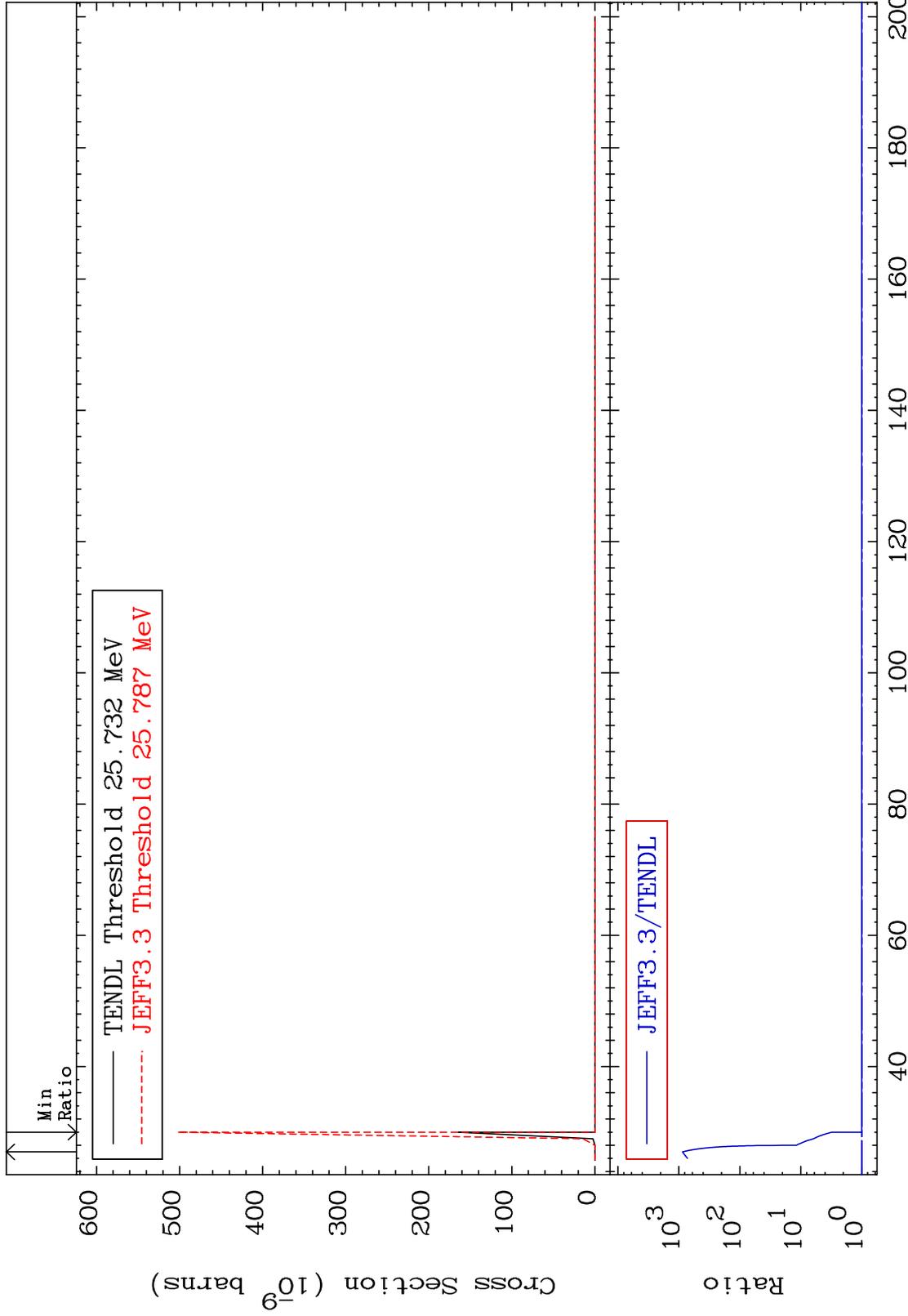
MAT 1931

(n,3n) α

19-K -41

Cross Section

0.000 To 9999. %



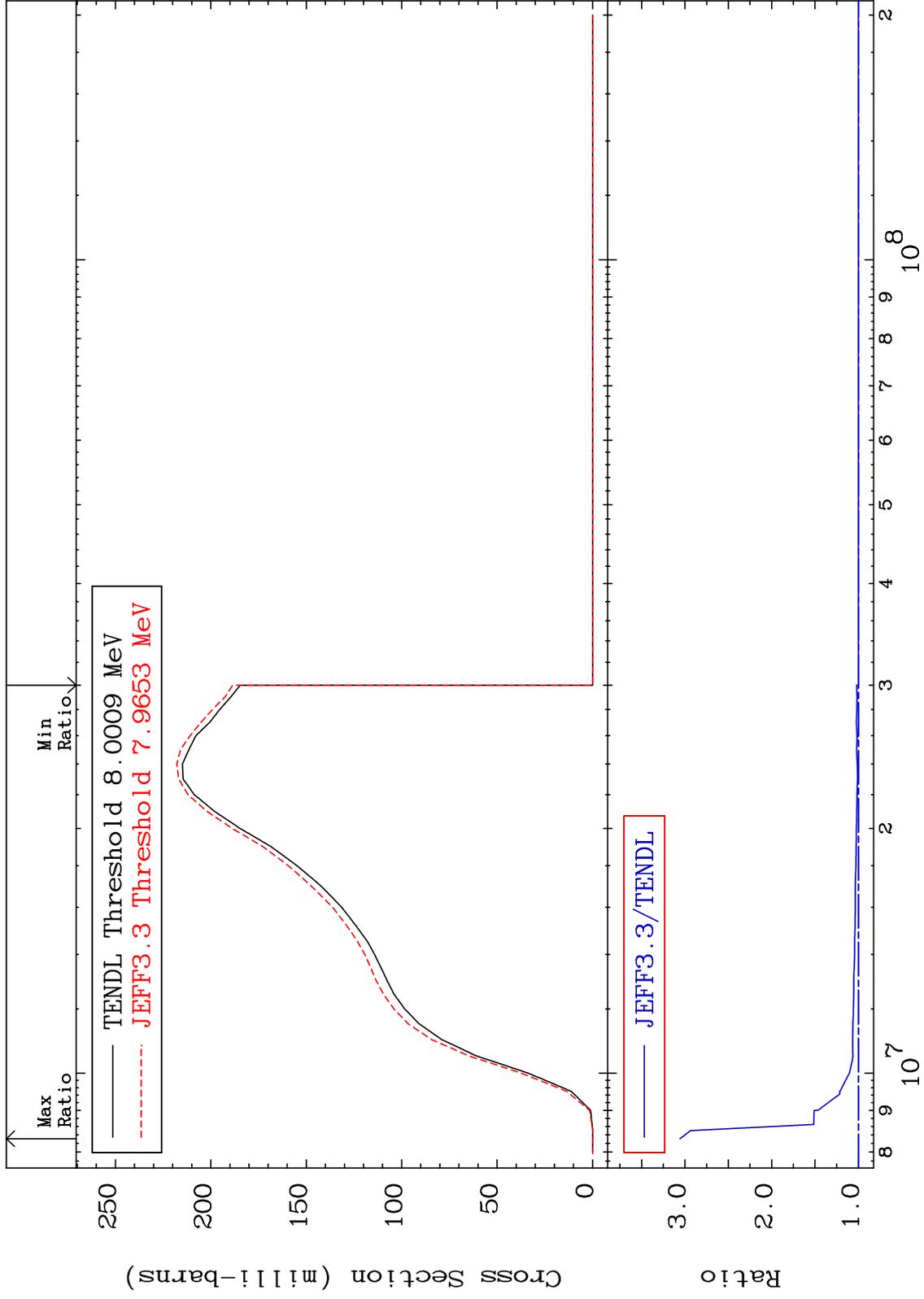
MAT 1931

(n,n') p

19-K -41

Cross Section

0.000 To 205.8 %



Incident Energy (eV)

19-K -41

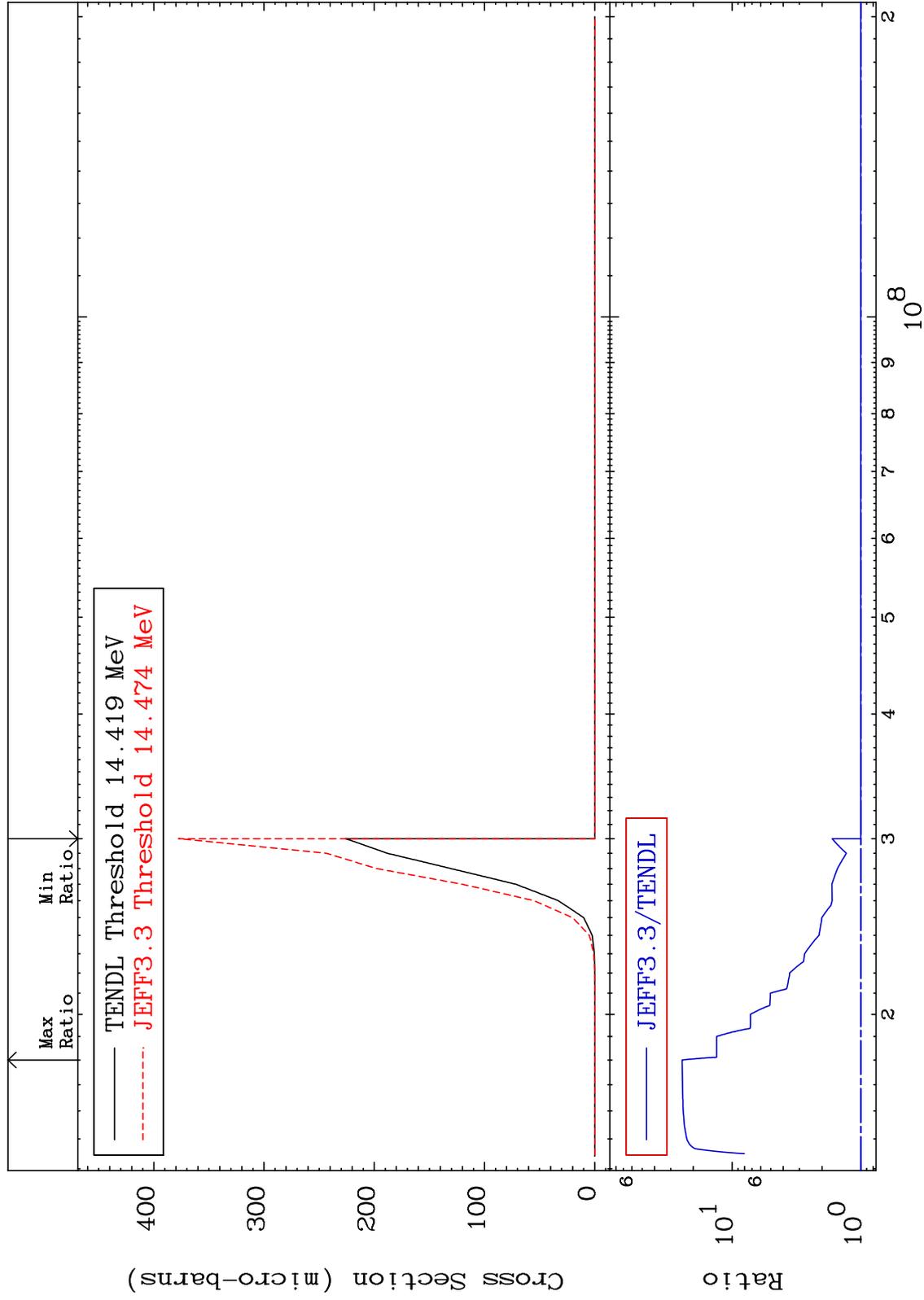
MAT 1931

(n,n') 2α

19-K -41

Cross Section

0.000 To 2342. %



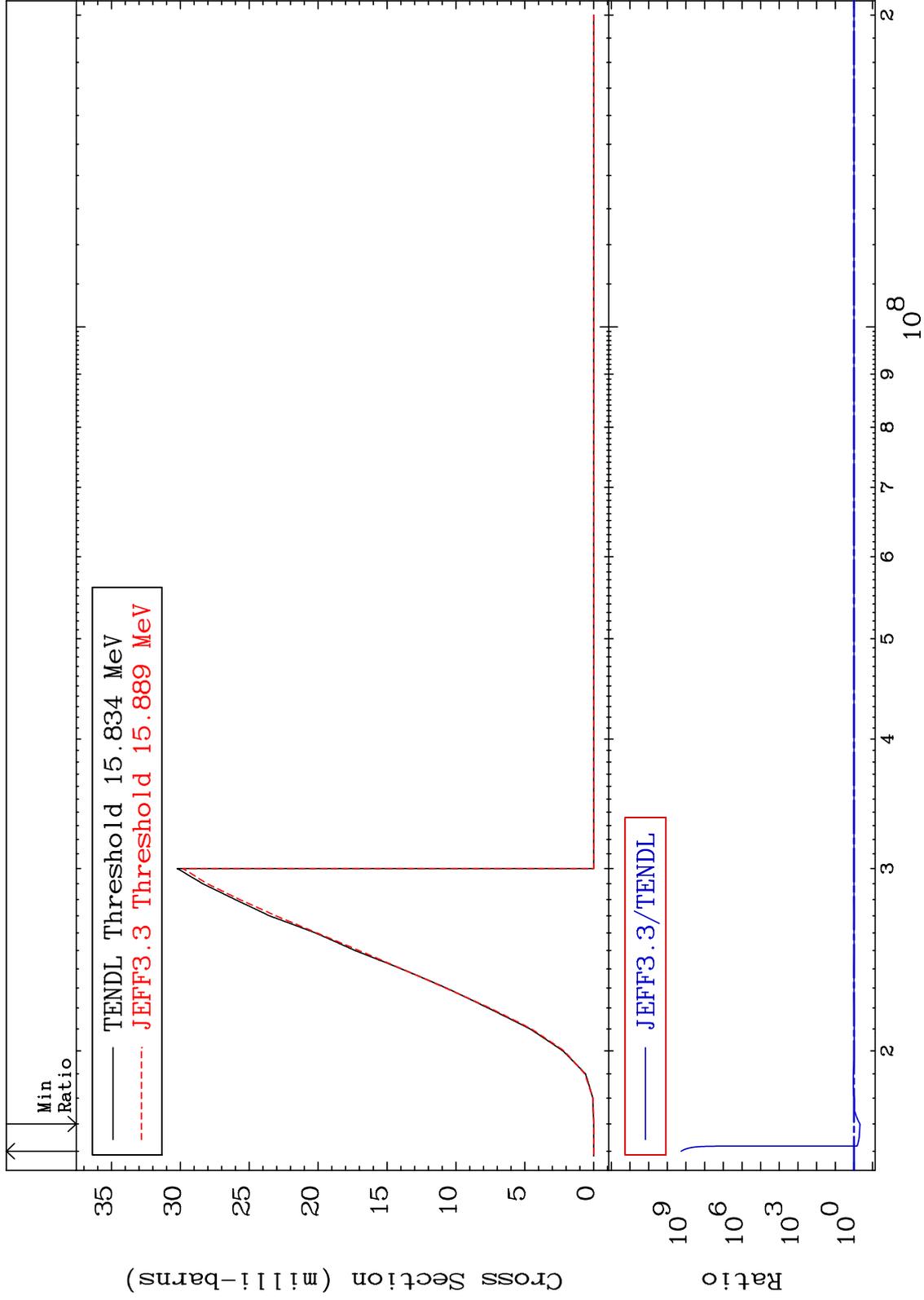
MAT 1931

(n,n') d

19-K -41

Cross Section

-52.02 To 9999. %



12

Incident Energy (eV)

19-K -41

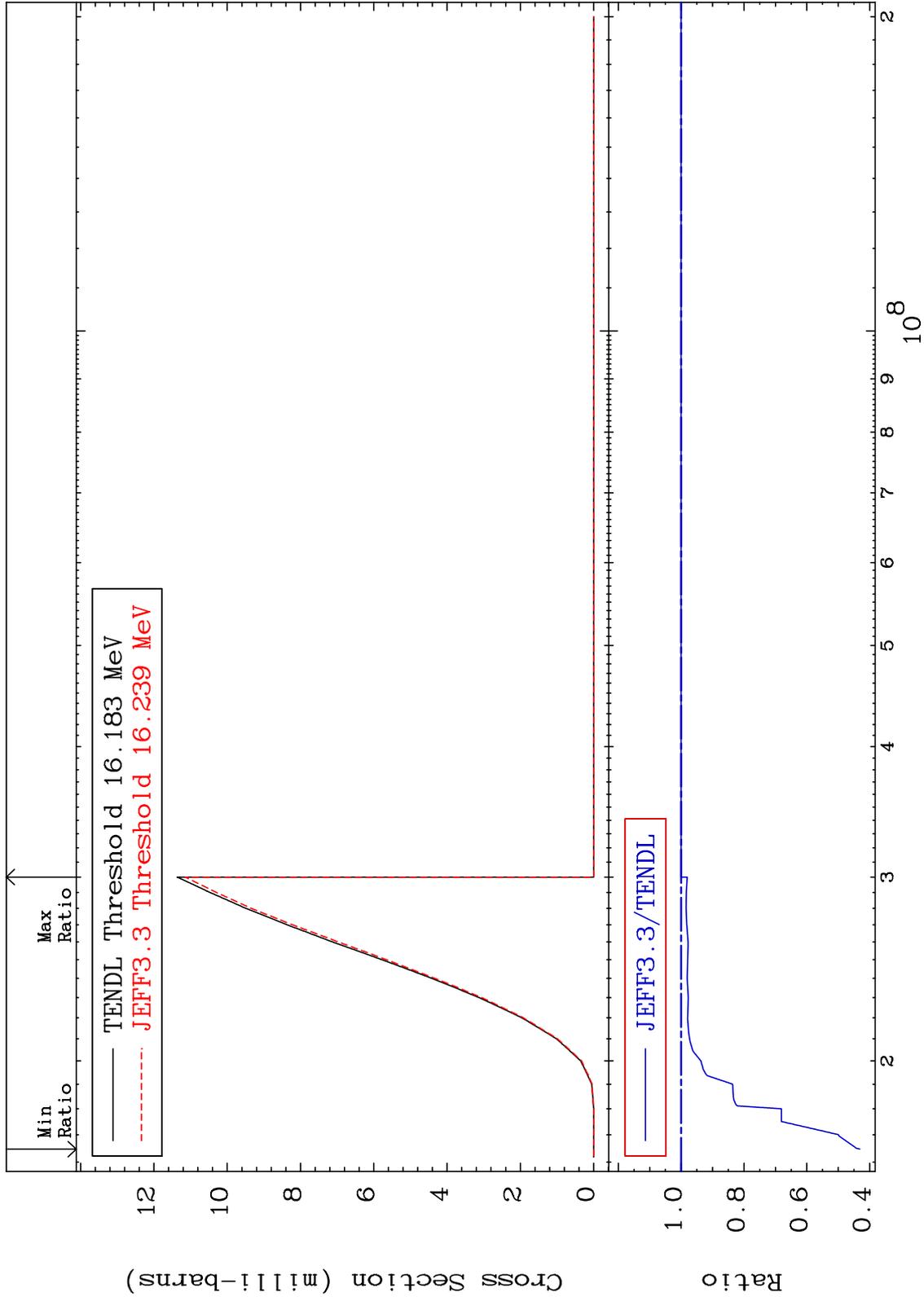
MAT 1931

(n,n') t

19-K -41

Cross Section

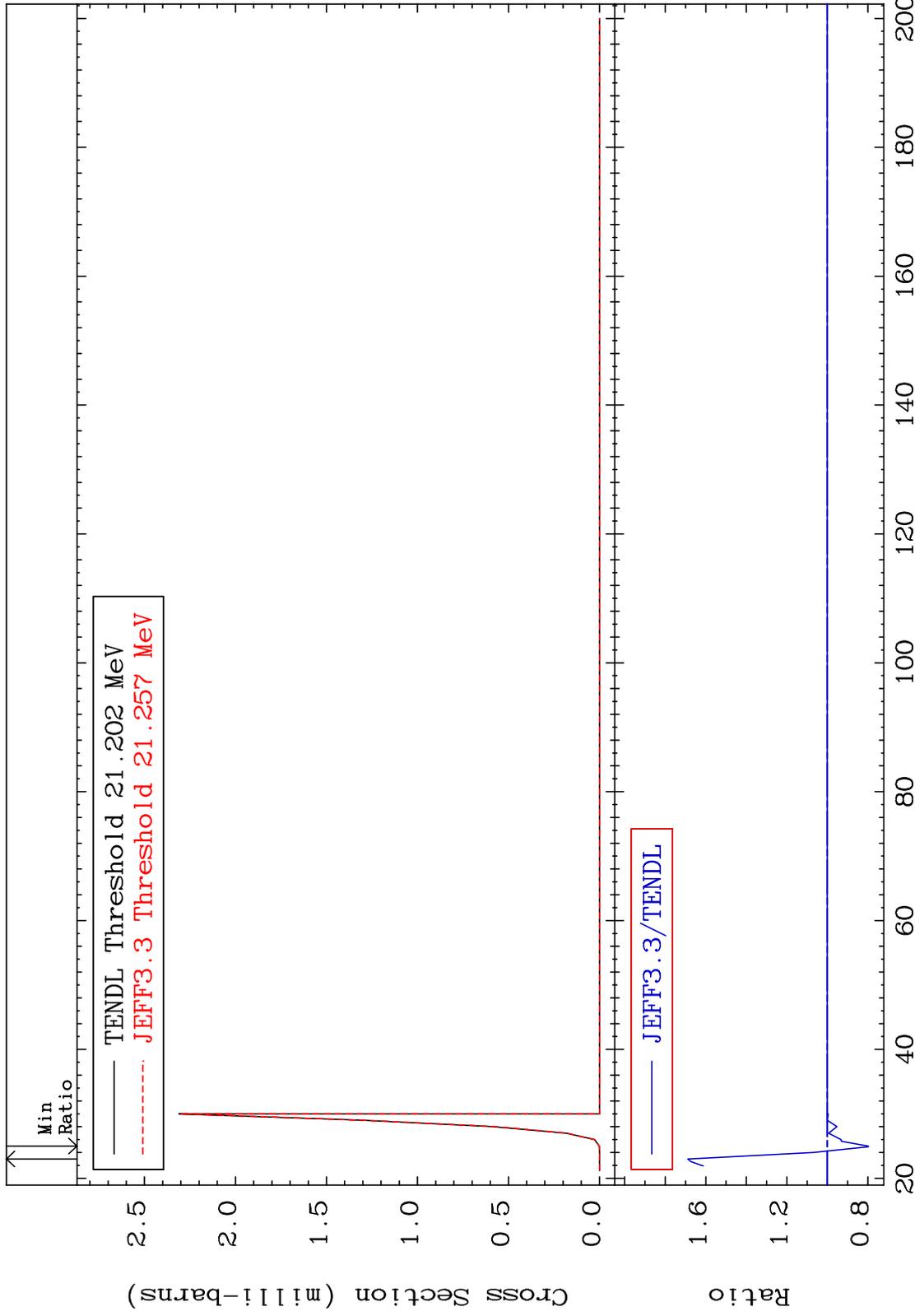
-56.88 To 0.000 %



MAT 1931

(n, n') He-3
Cross Section

19-K -41
-20.23 To 68.85 %



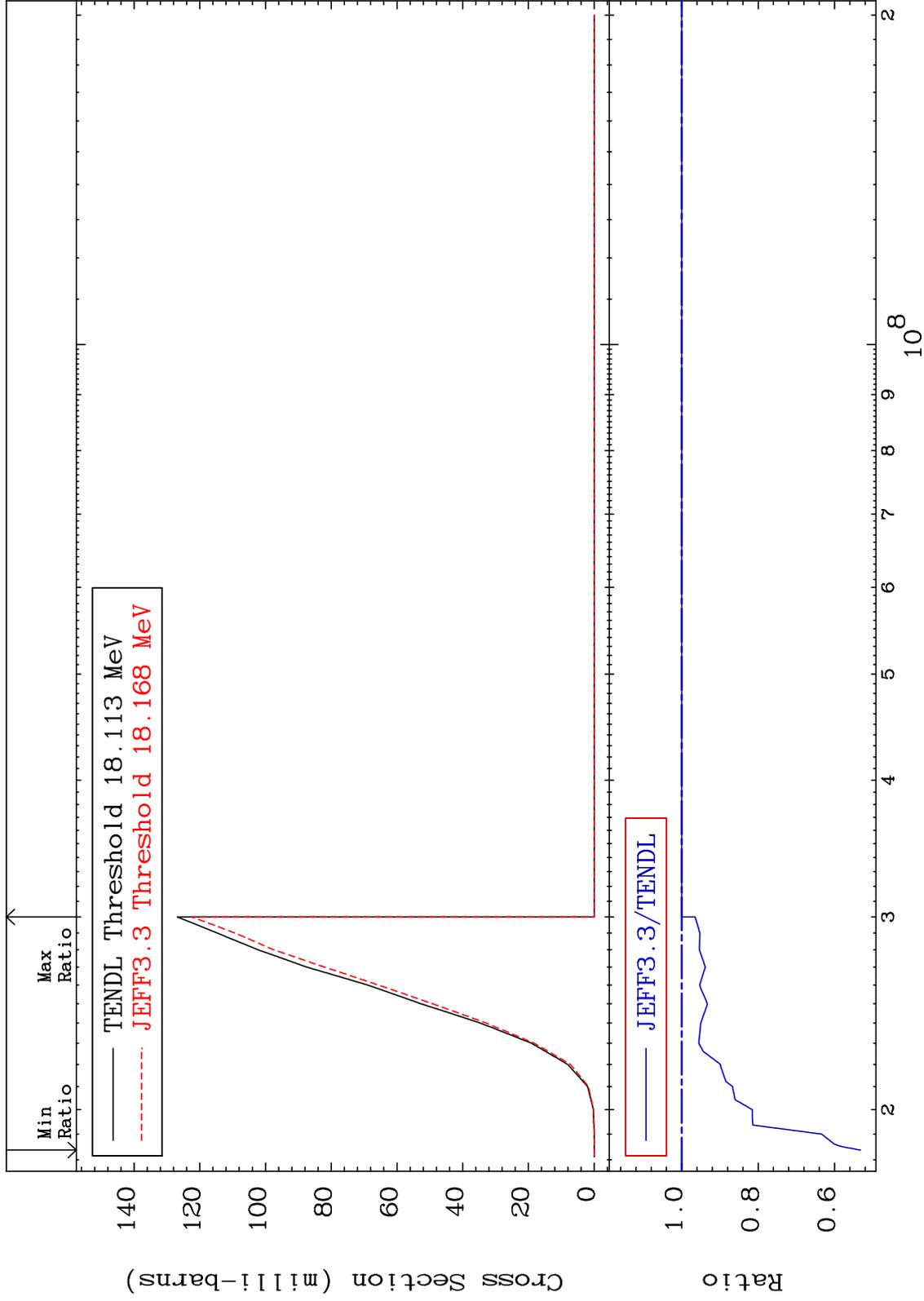
MAT 1931

(n,2n) p

19-K -41

Cross Section

-46.84 To 0.000 %



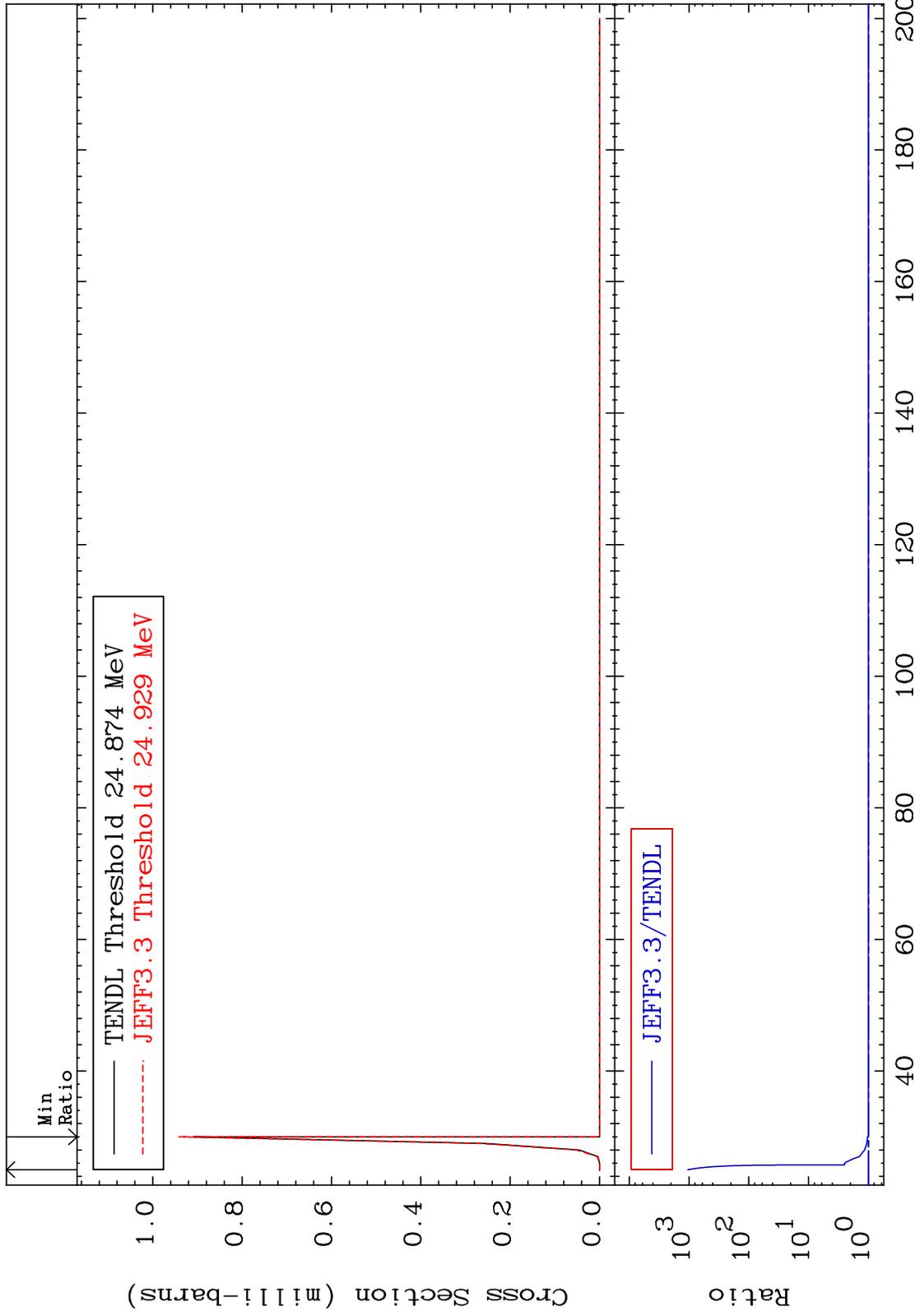
15

19-K -41

MAT 1931

(n,3n) p
Cross Section

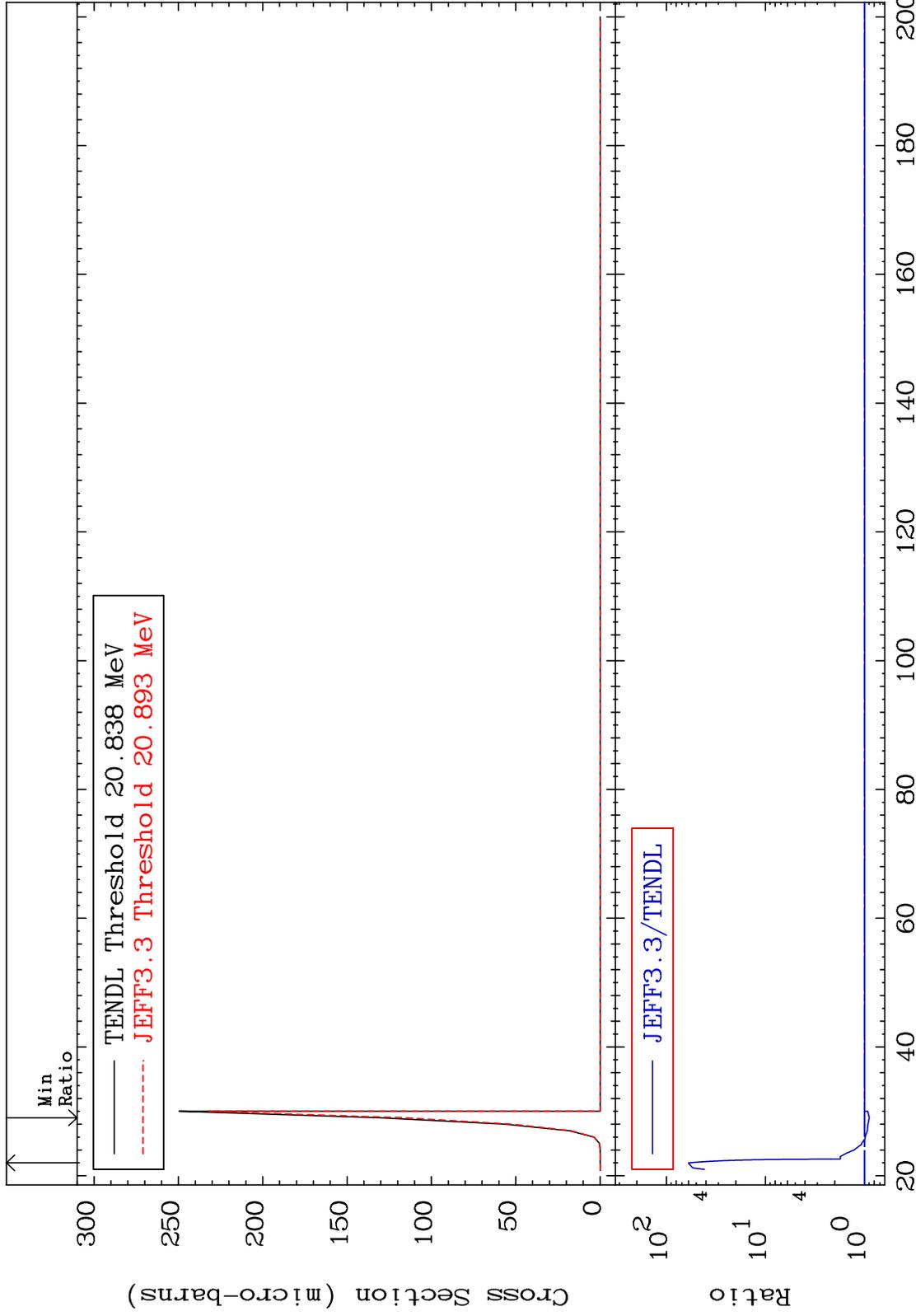
19-K -41
0.000 To 9999. %



MAT 1931

(n,2n) p
Cross Section

19-K -41
-10.53 To 5885. %



17

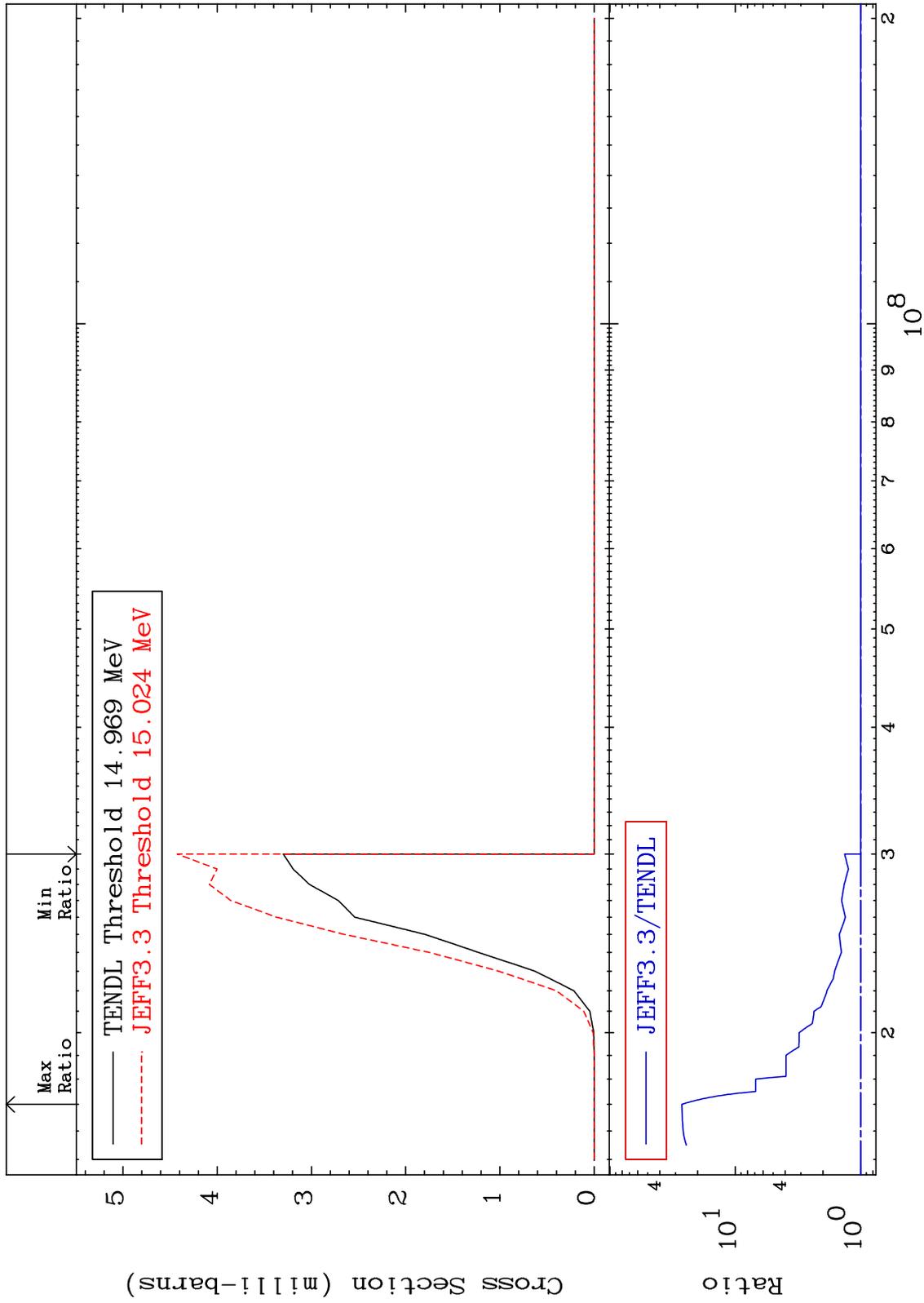
Incident Energy (MeV)

19-K -41

MAT 1931

(n,n') p α
Cross Section

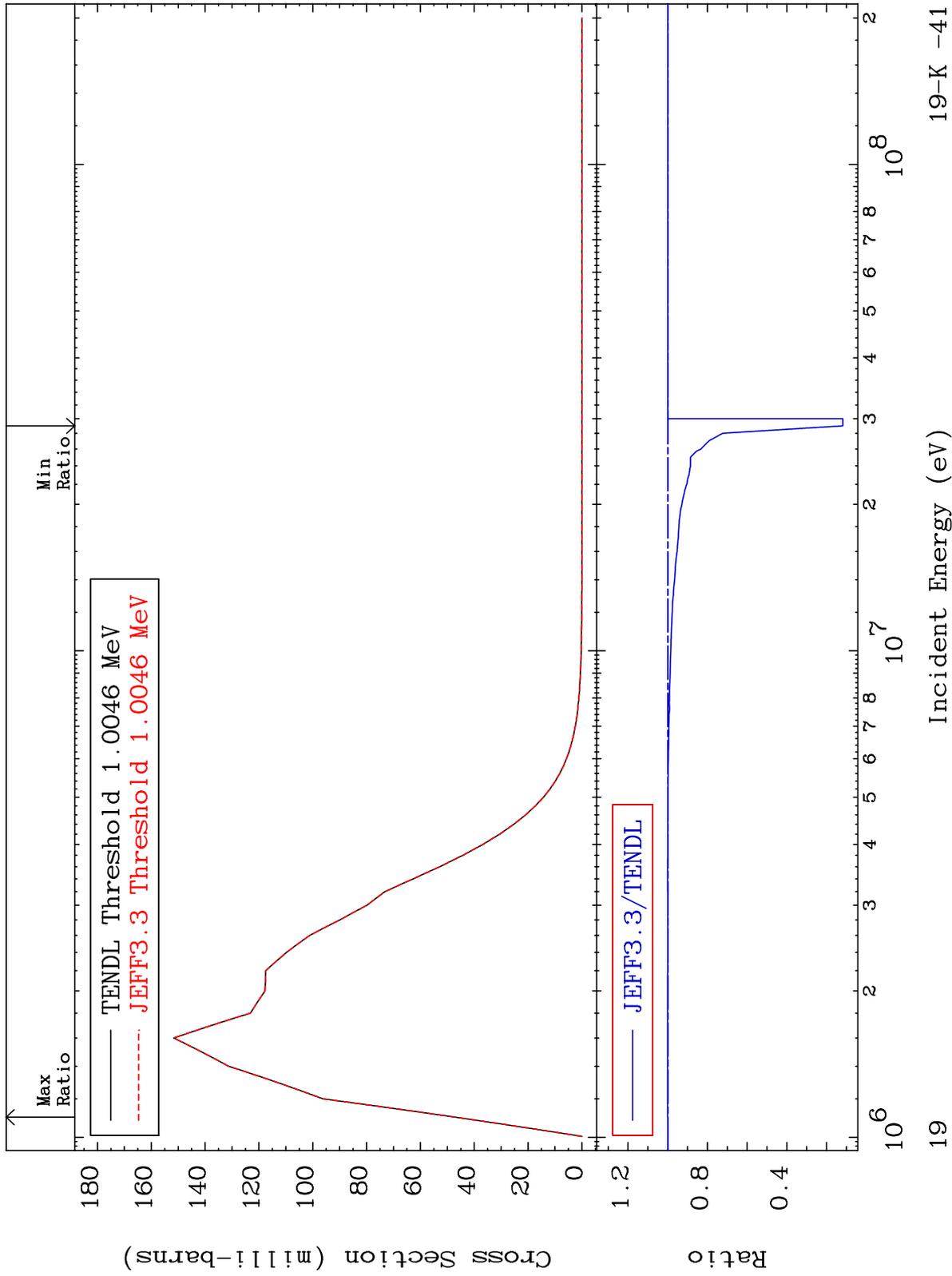
19-K -41
0.000 To 2576. %



18

19-K -41

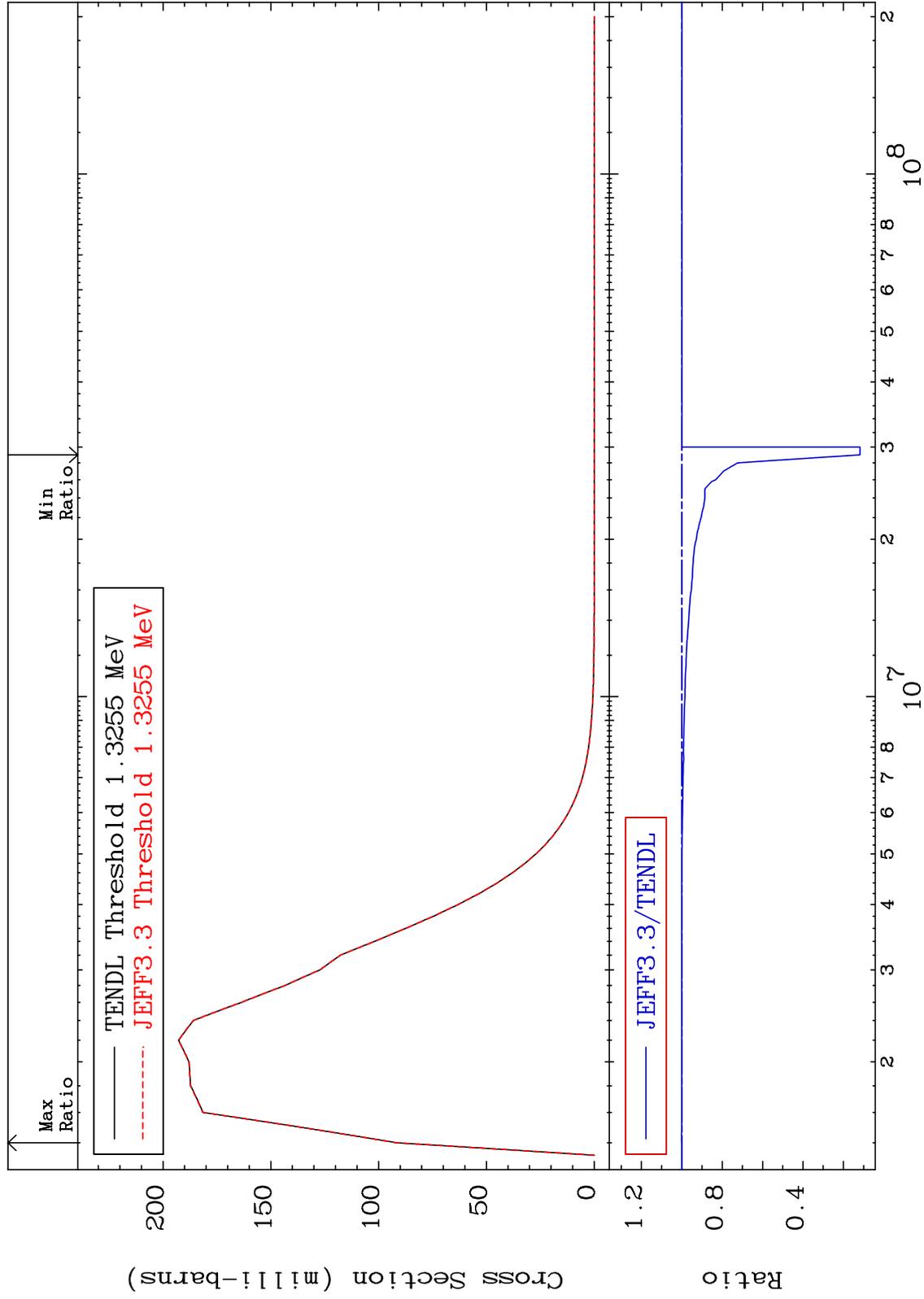
MAT 1931 MT= 51 (n,n') Level Cross Section -88.23 To 0.043 % 19-K -41



MAT 1931

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

19-K -41
-88.24 To 0.136 %



20

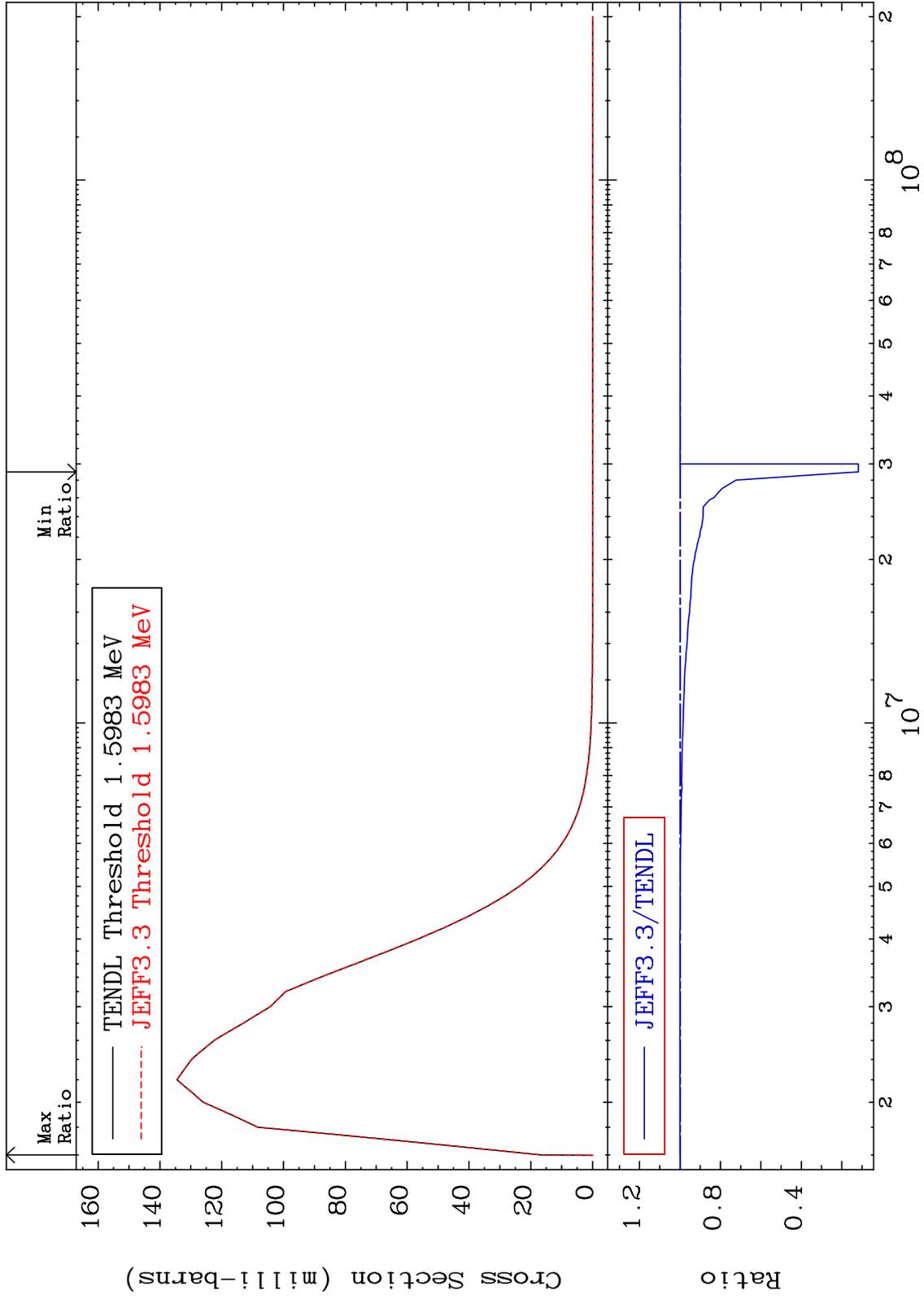
Incident Energy (eV)

19-K -41

MAT 1931

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

19-K -41
-88.24 To 0.038 %



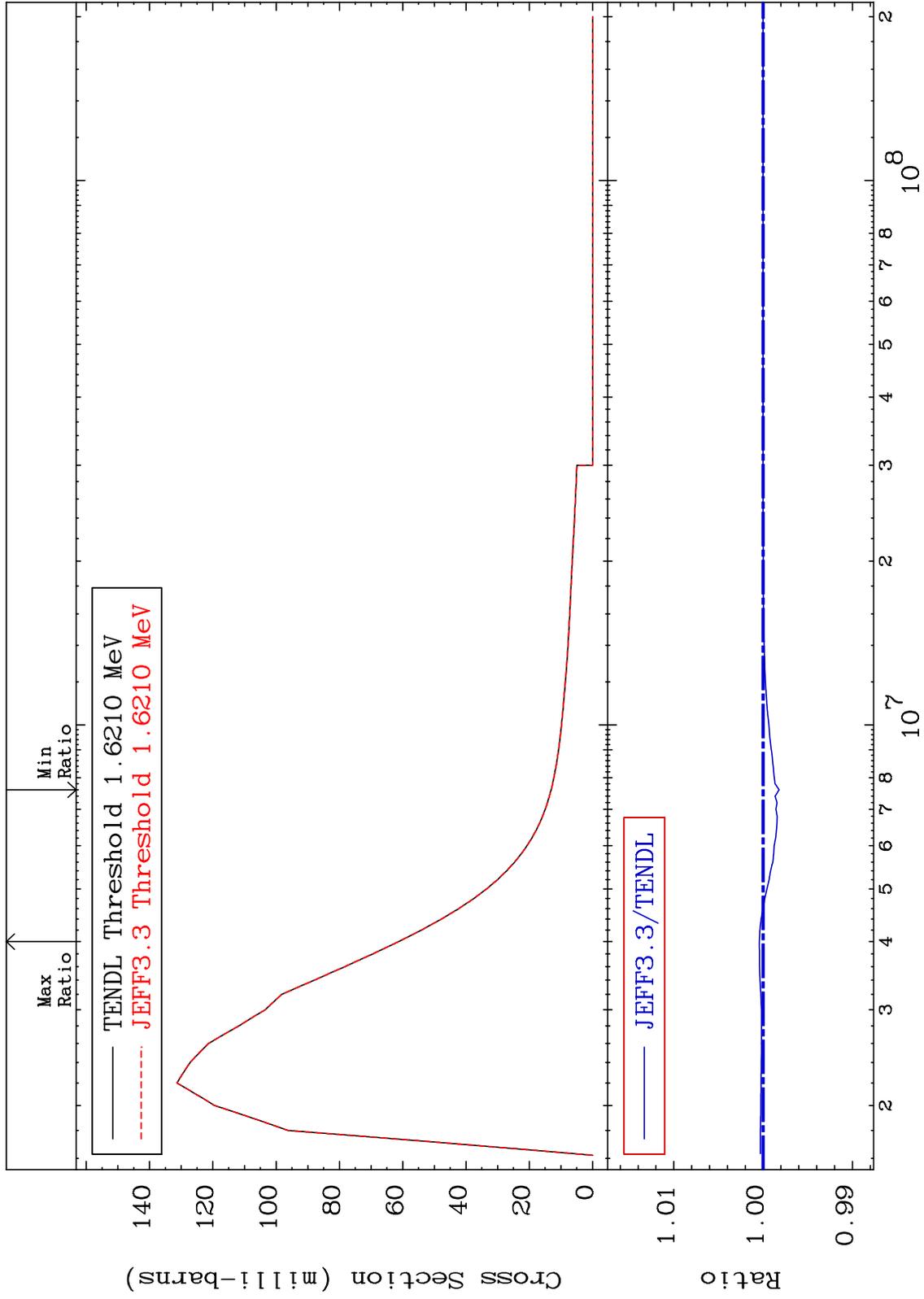
21

19-K -41

MAT 1931

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

19-K -41
-0.179 To 0.043 %



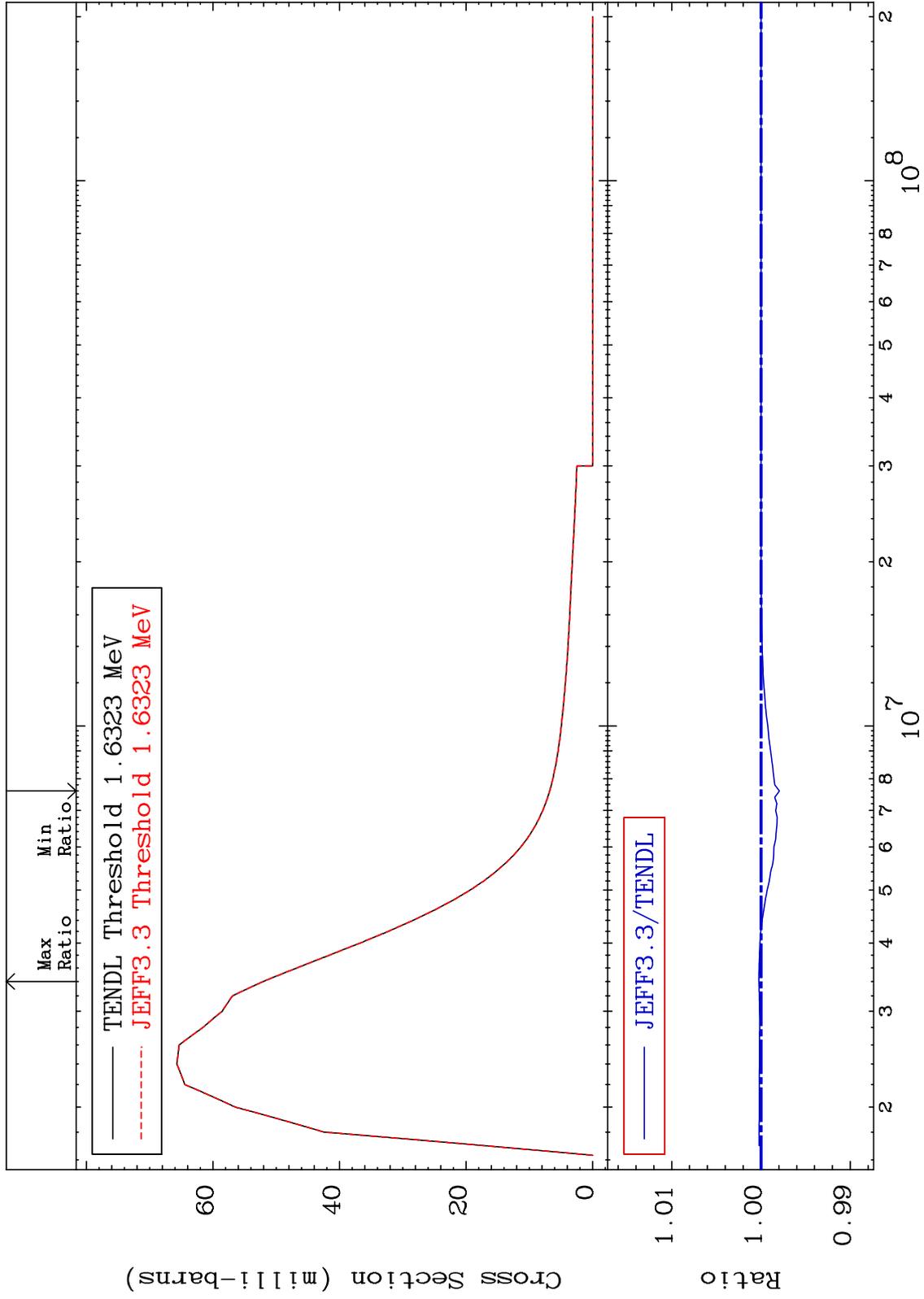
22

19-K -41

MAT 1931

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

19-K -41
-0.207 To 0.024 %



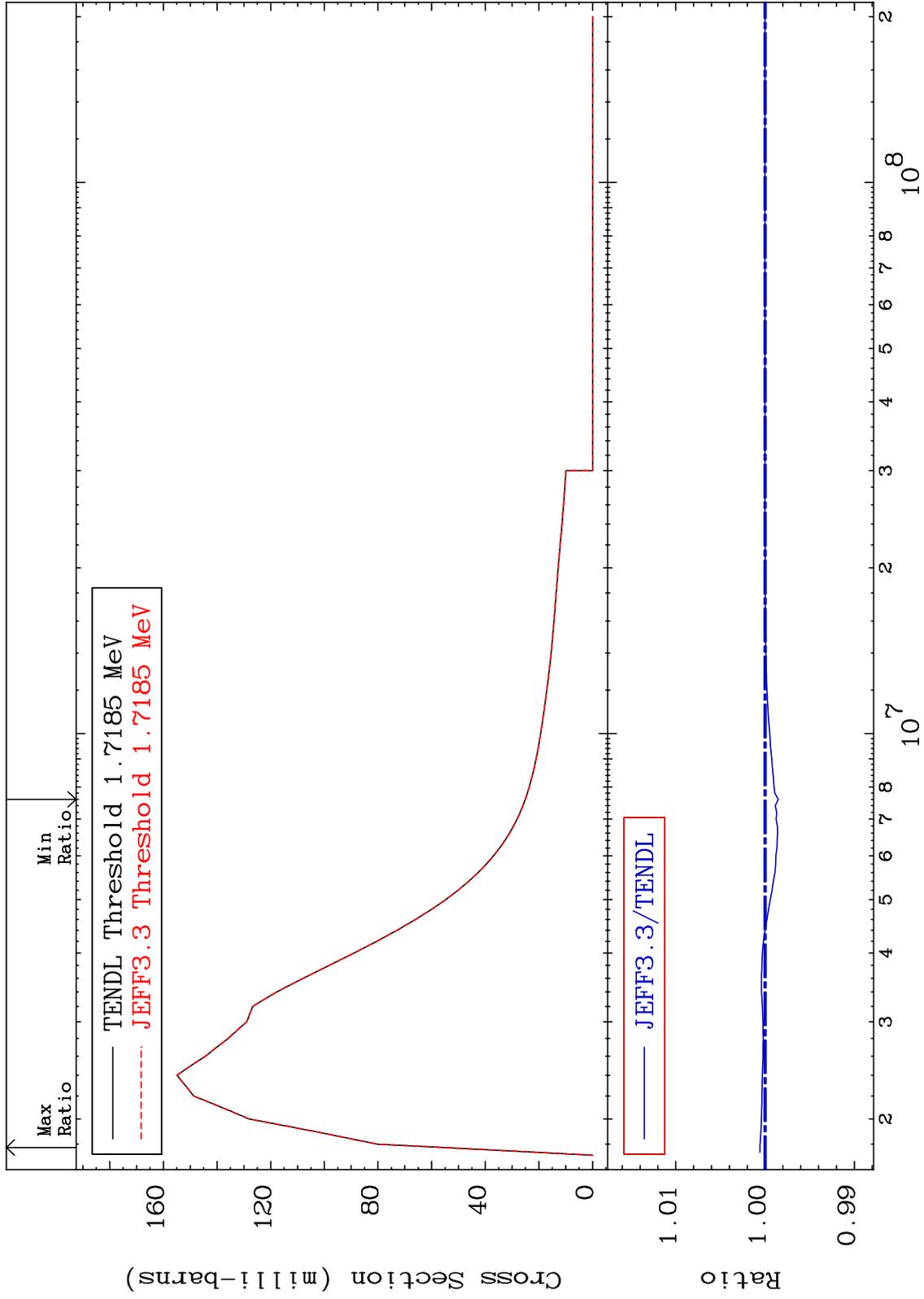
23

19-K -41

MAT 1931

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

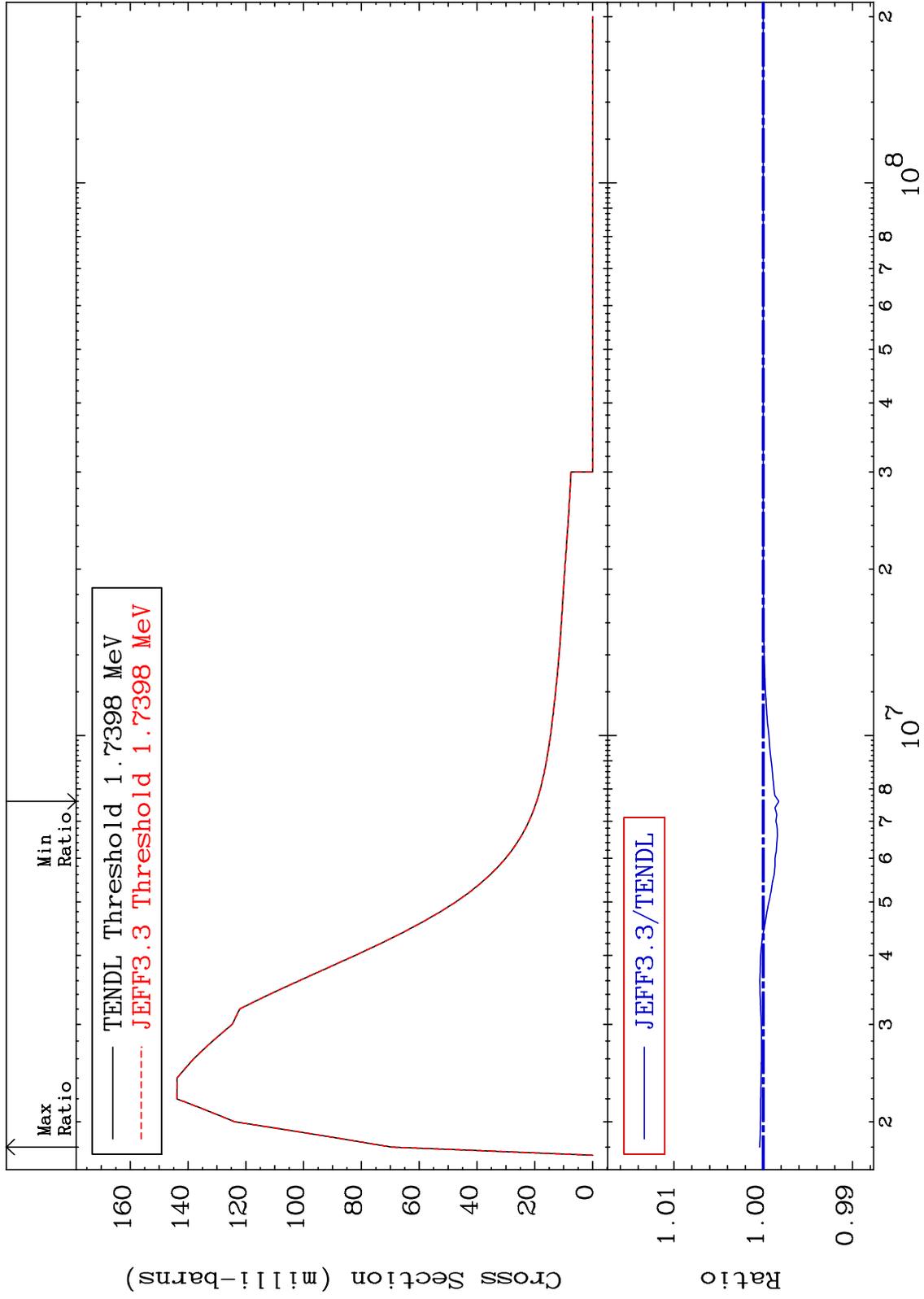
19-K -41
-0.148 To 0.056 %



MAT 1931

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

19-K -41
-0.174 To 0.041 %



25

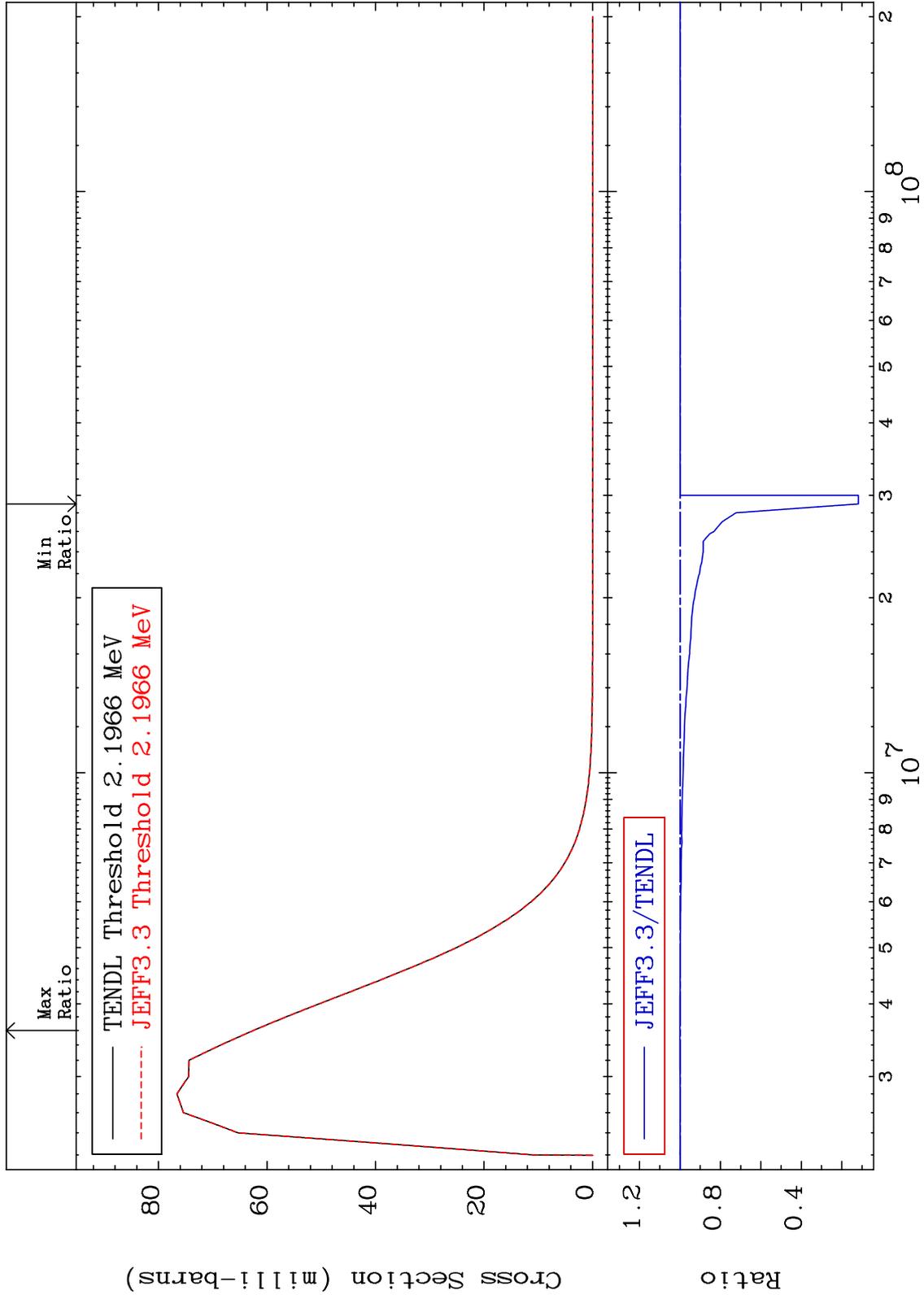
Incident Energy (eV)

19-K -41

MAT 1931

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

19-K -41
-88.24 To 0.049 %



26

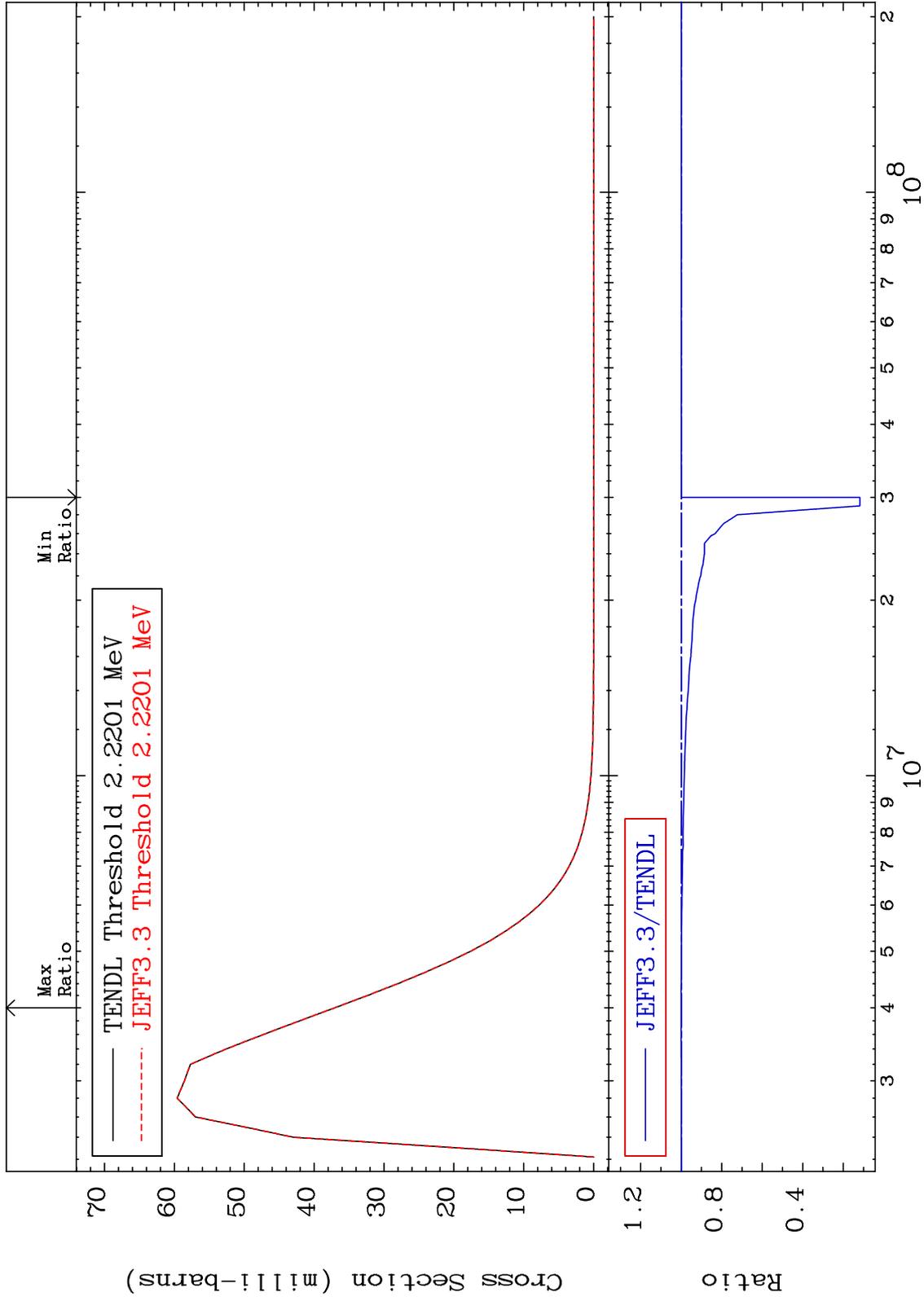
Incident Energy (eV)

19-K -41

MAT 1931

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

19-K -41
-88.23 To 0.050 %



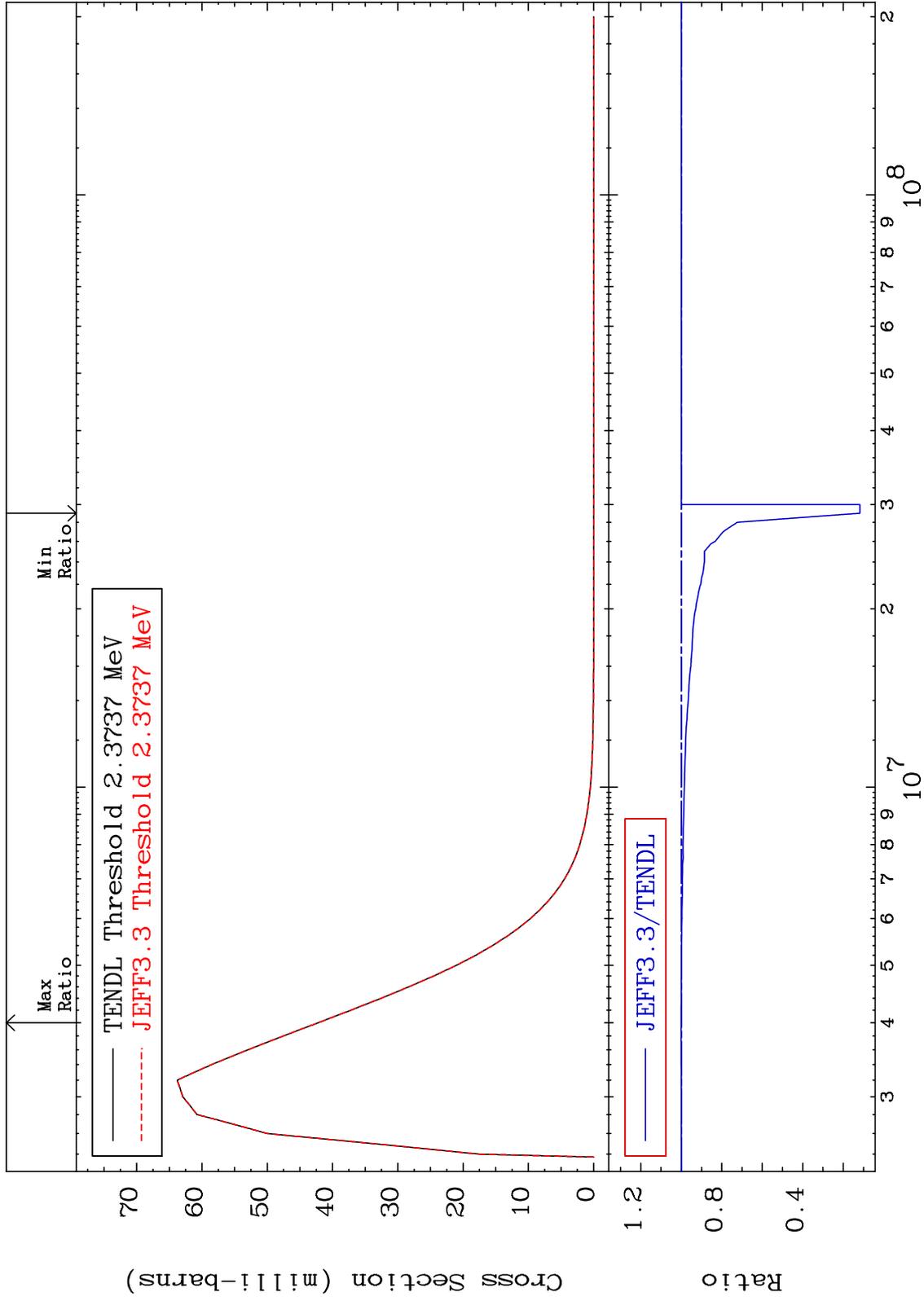
27

19-K -41

MAT 1931

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

19-K -41
-88.24 To 0.063 %



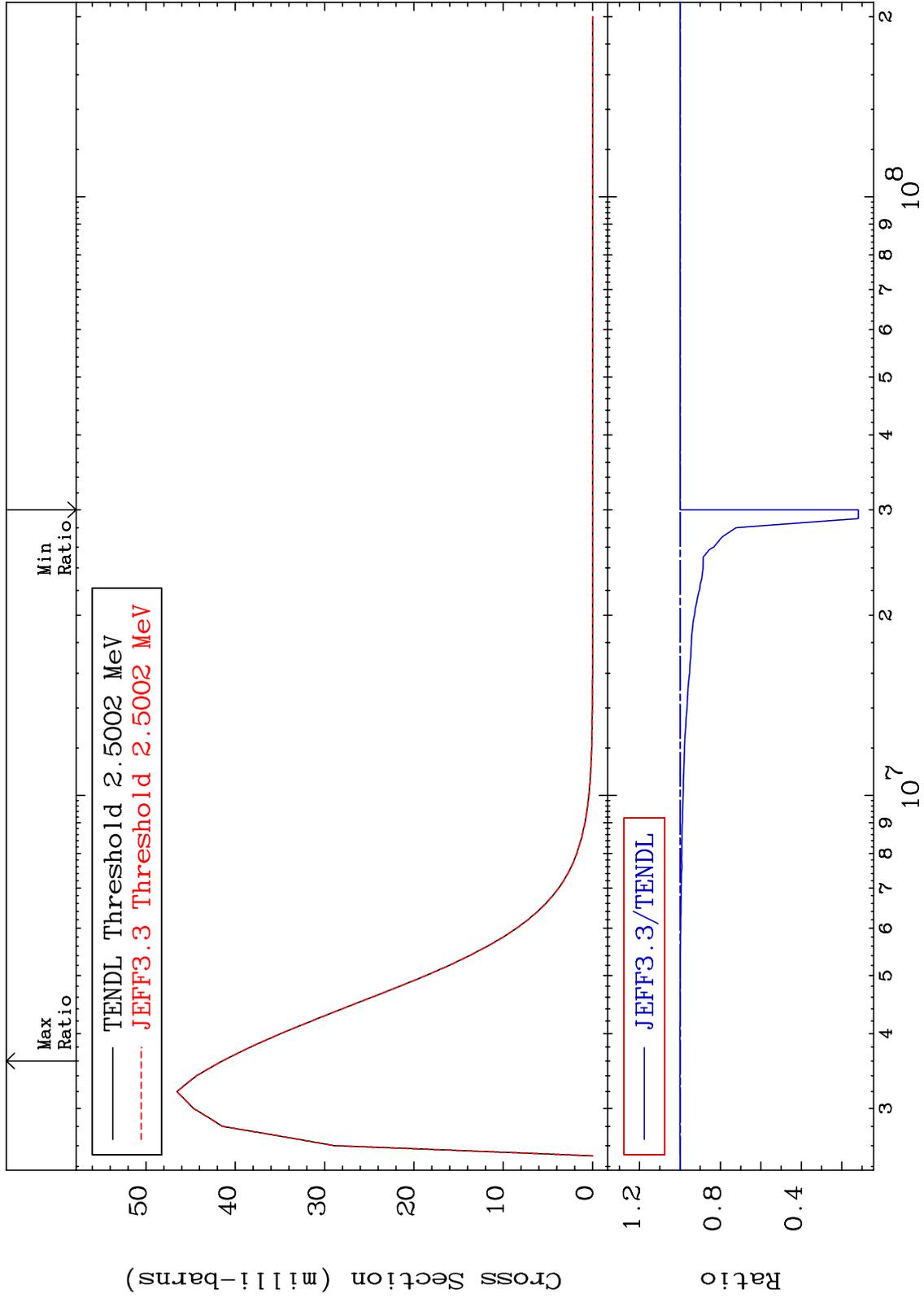
28

19-K -41

MAT 1931

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

19-K -41
-88.24 To 0.035 %



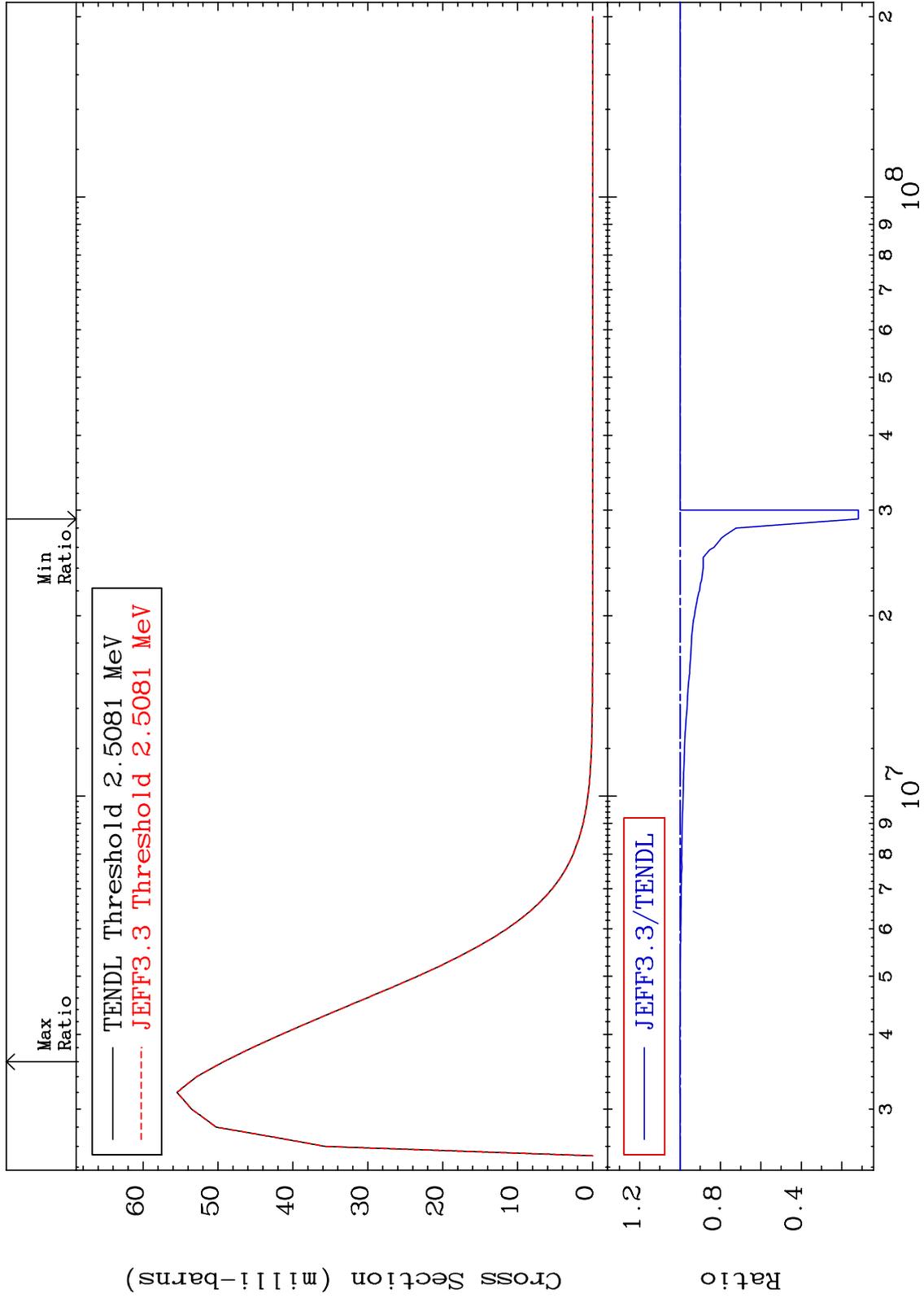
29

19-K -41

MAT 1931

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

19-K -41
-88.24 To 0.059 %



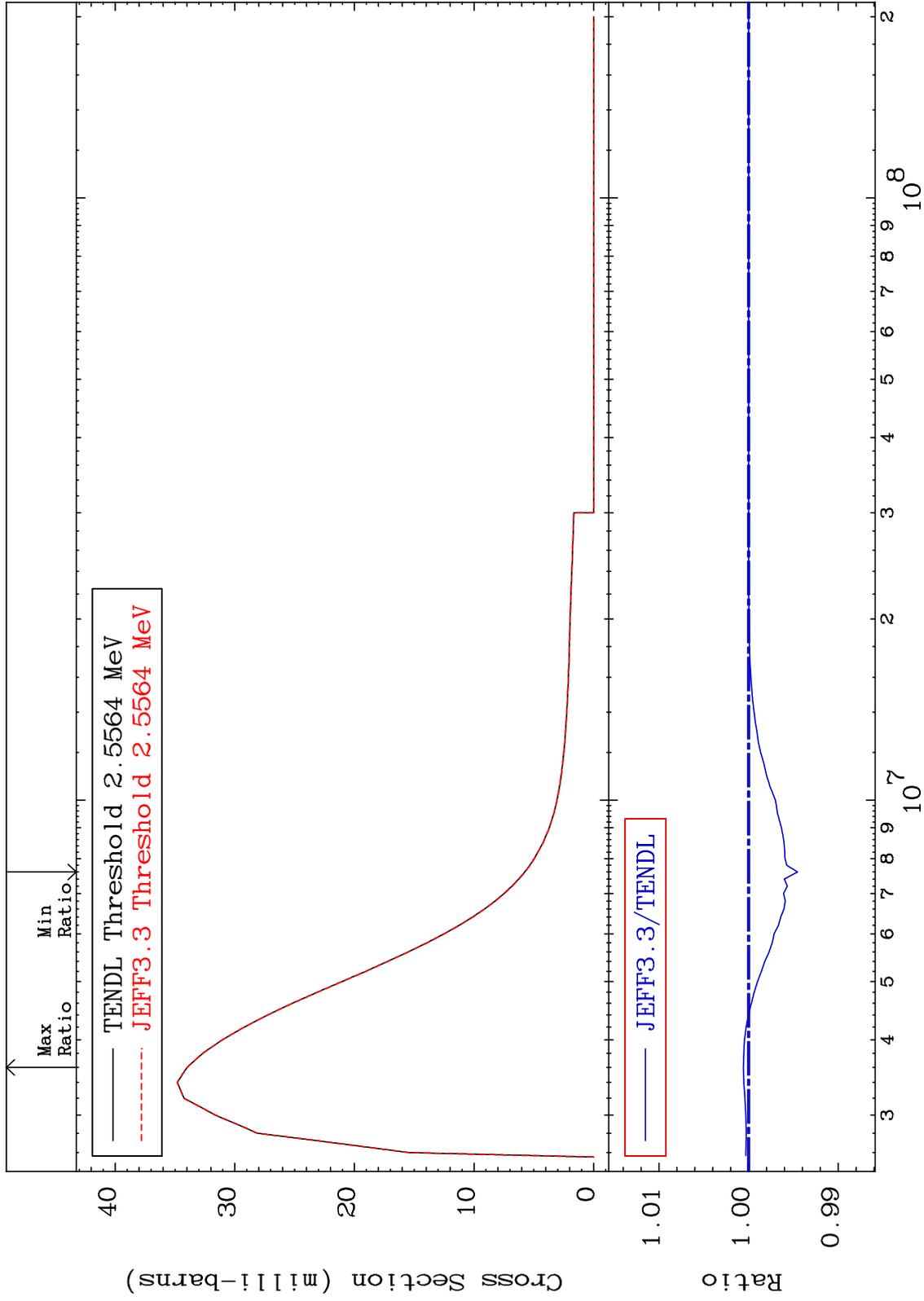
30

19-K -41

MAT 1931

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

19-K -41
-0.548 To 0.058 %



31

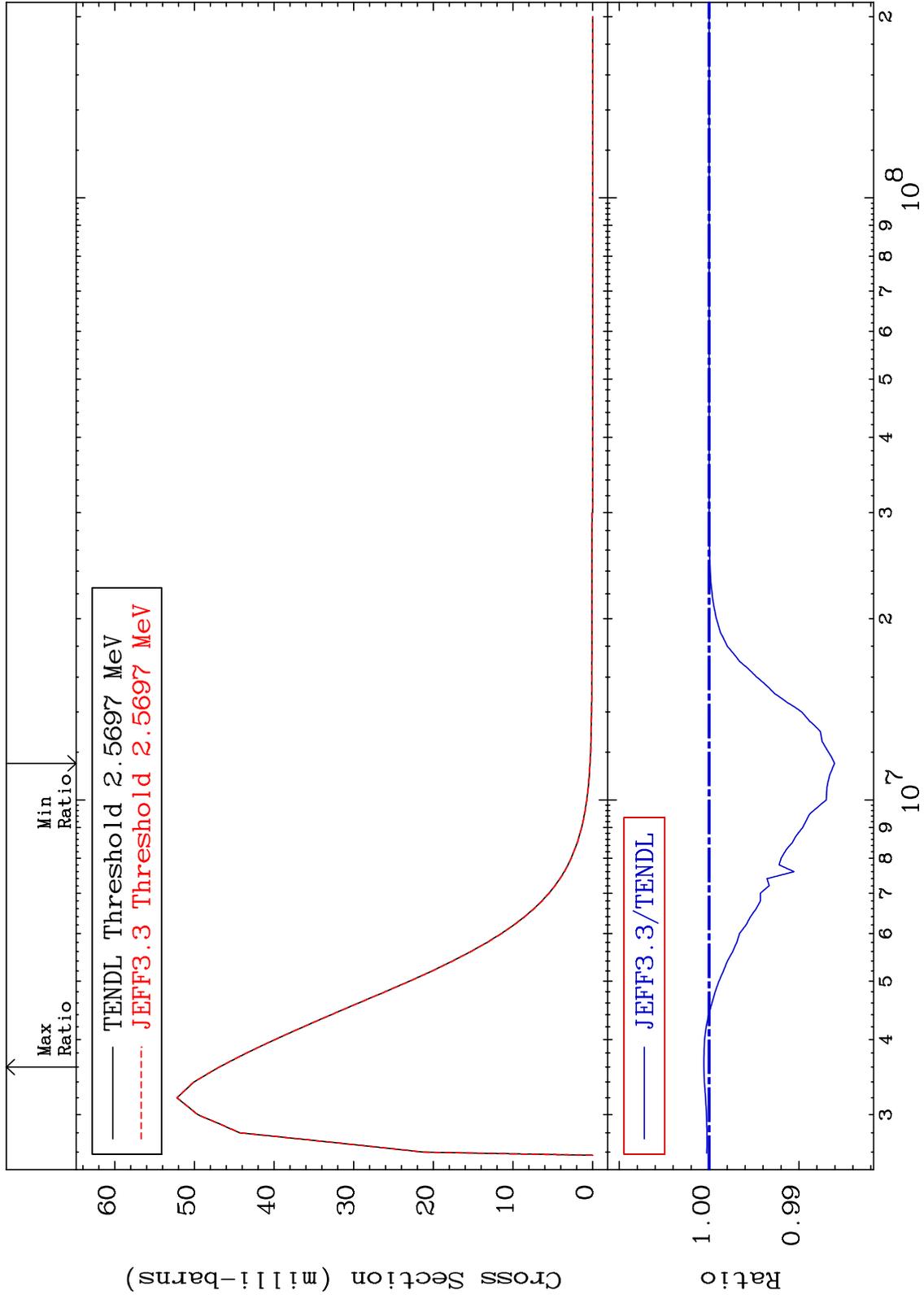
Incident Energy (eV)

19-K -41

MAT 1931

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

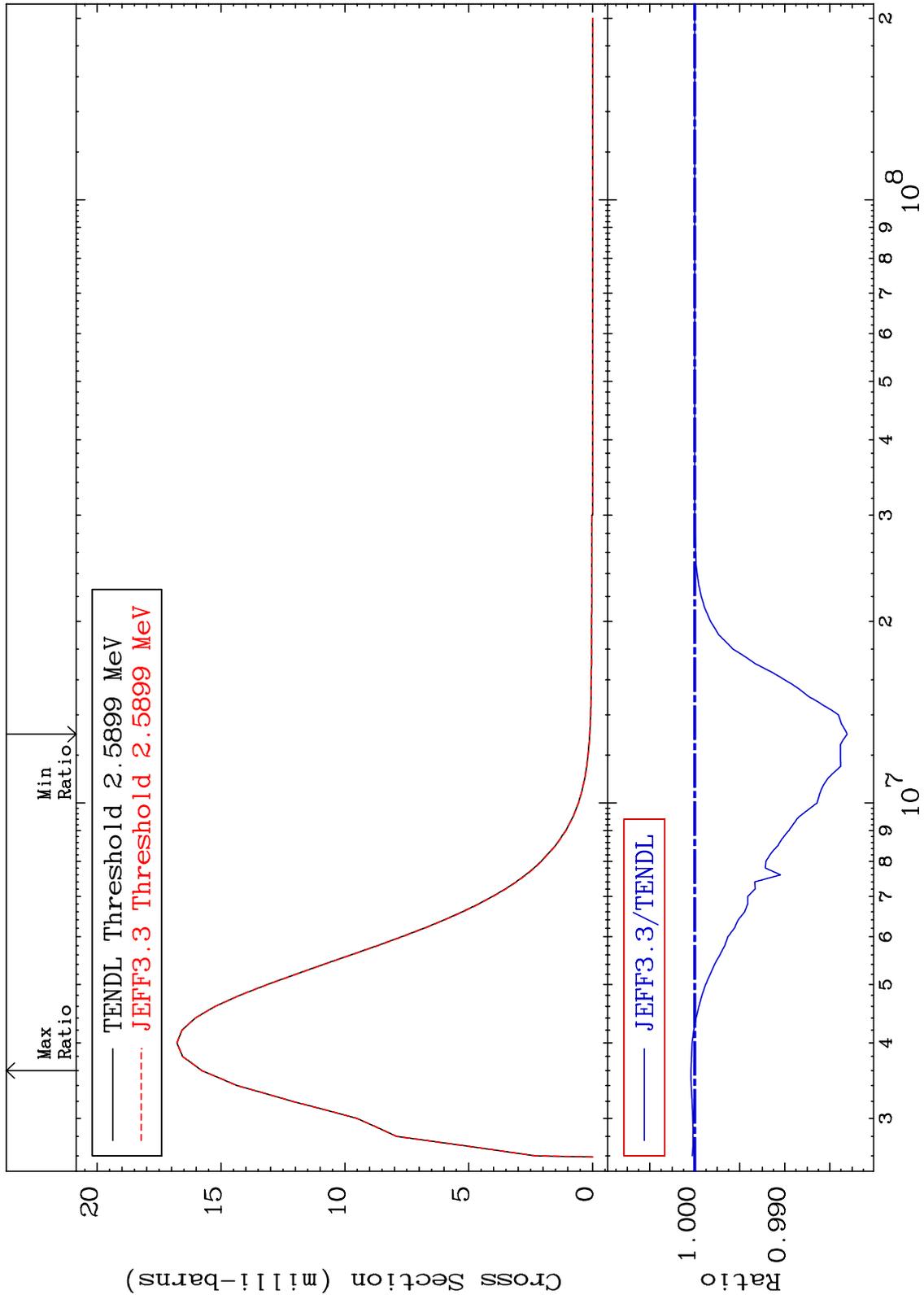
19-K -41
-1.396 To 0.060 %



32

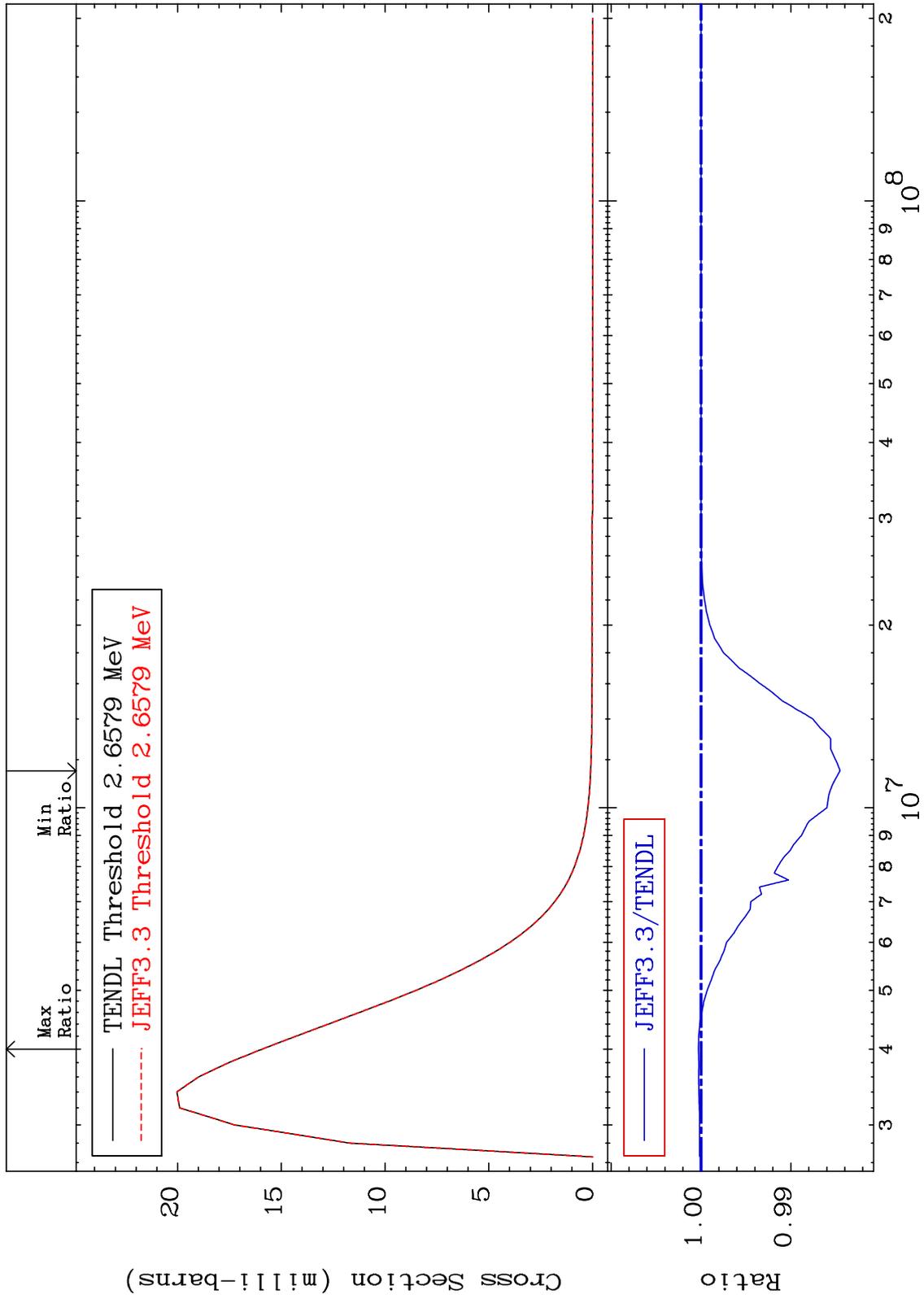
19-K -41

MAT 1931 MT= 65 (n,n') Level Cross Section -1.696 To 0.042 % 19-K -41



33 Incident Energy (eV) 19-K -41

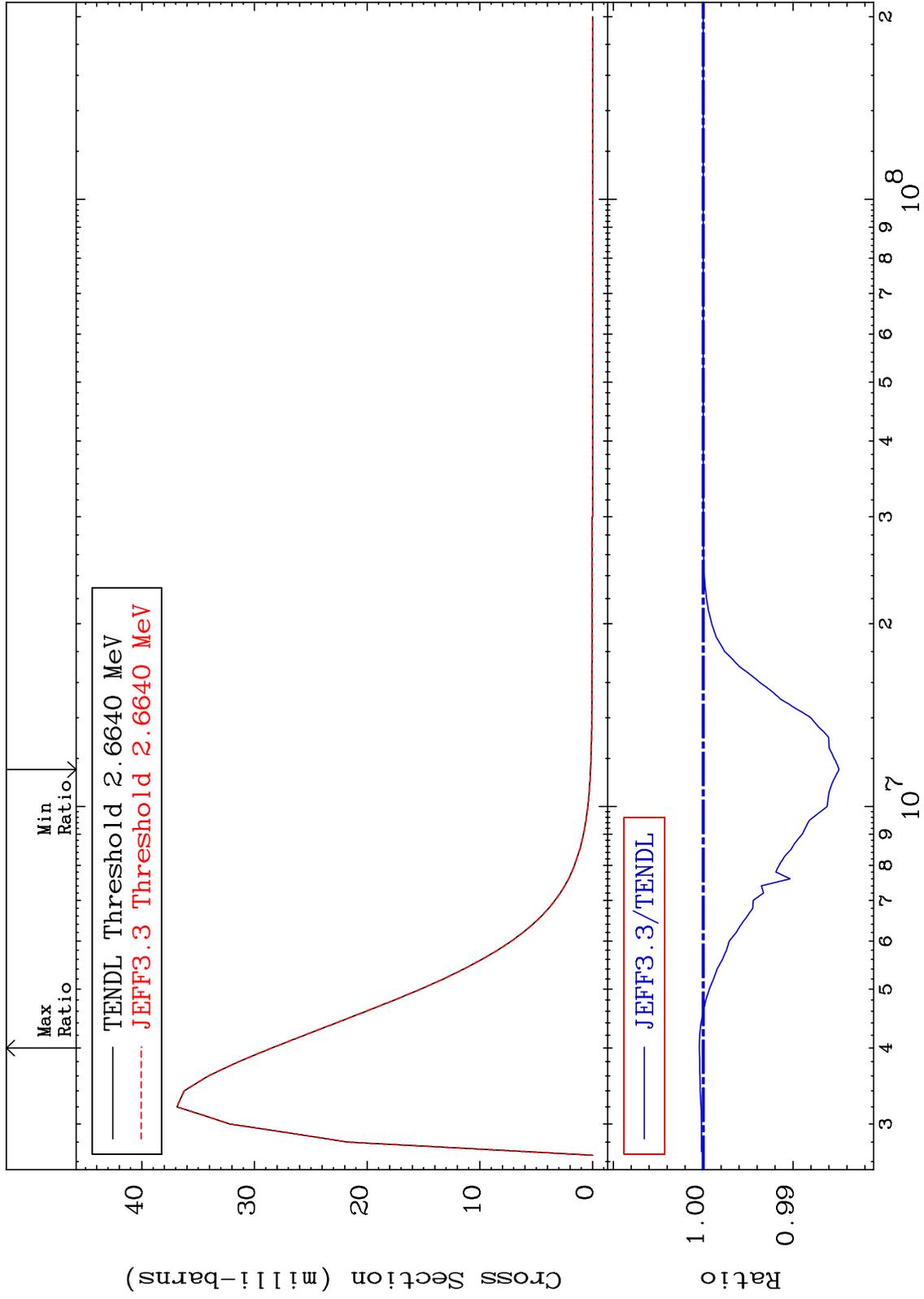
MAT 1931 MT= 66 (n,n') Level
 Cross Section 19-K -41
 -1.546 To 0.029 %



MAT 1931

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

19-K -41
-1.512 To 0.043 %



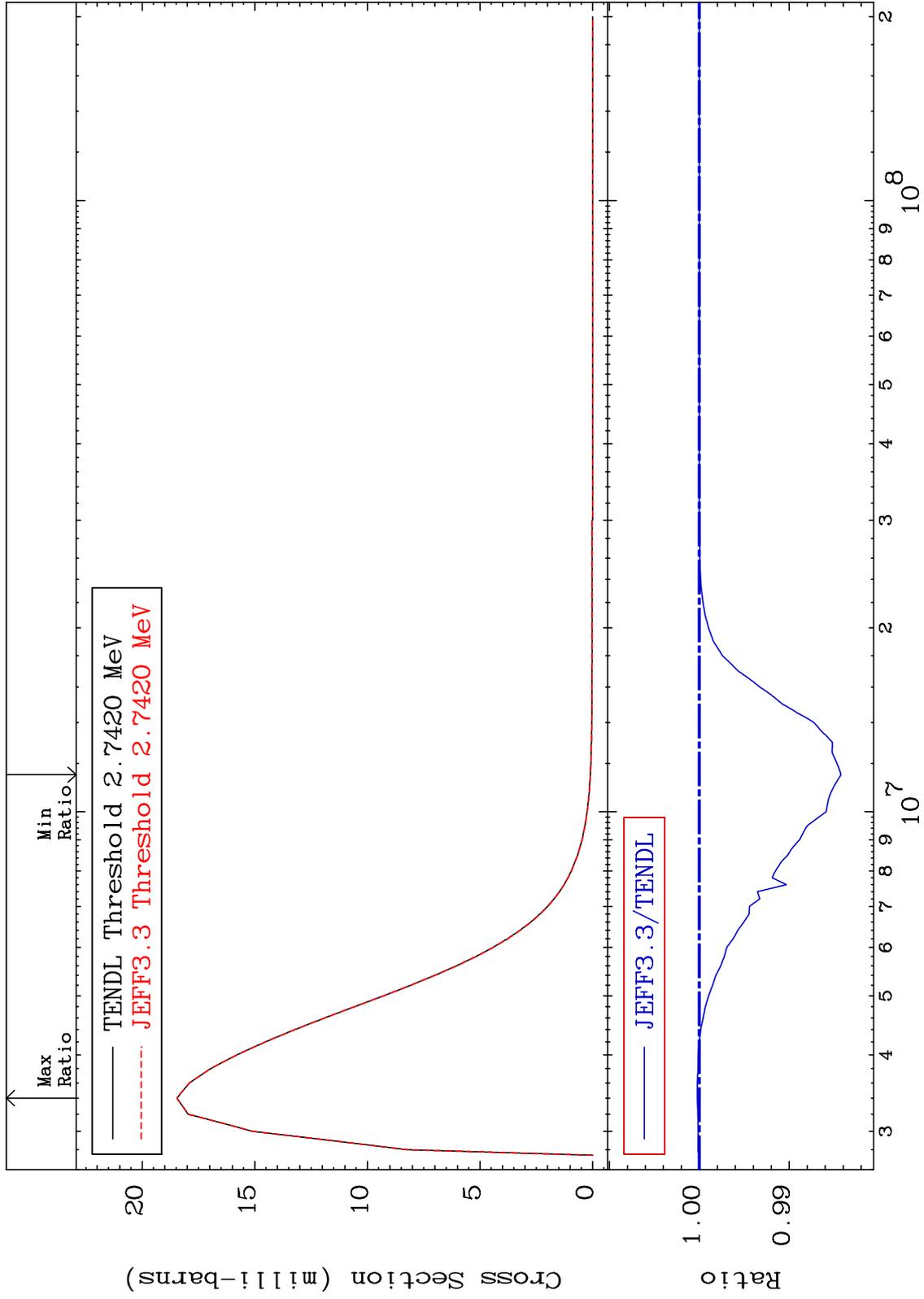
35

19-K -41

MAT 1931

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

19-K -41
-1.575 To 0.022 %



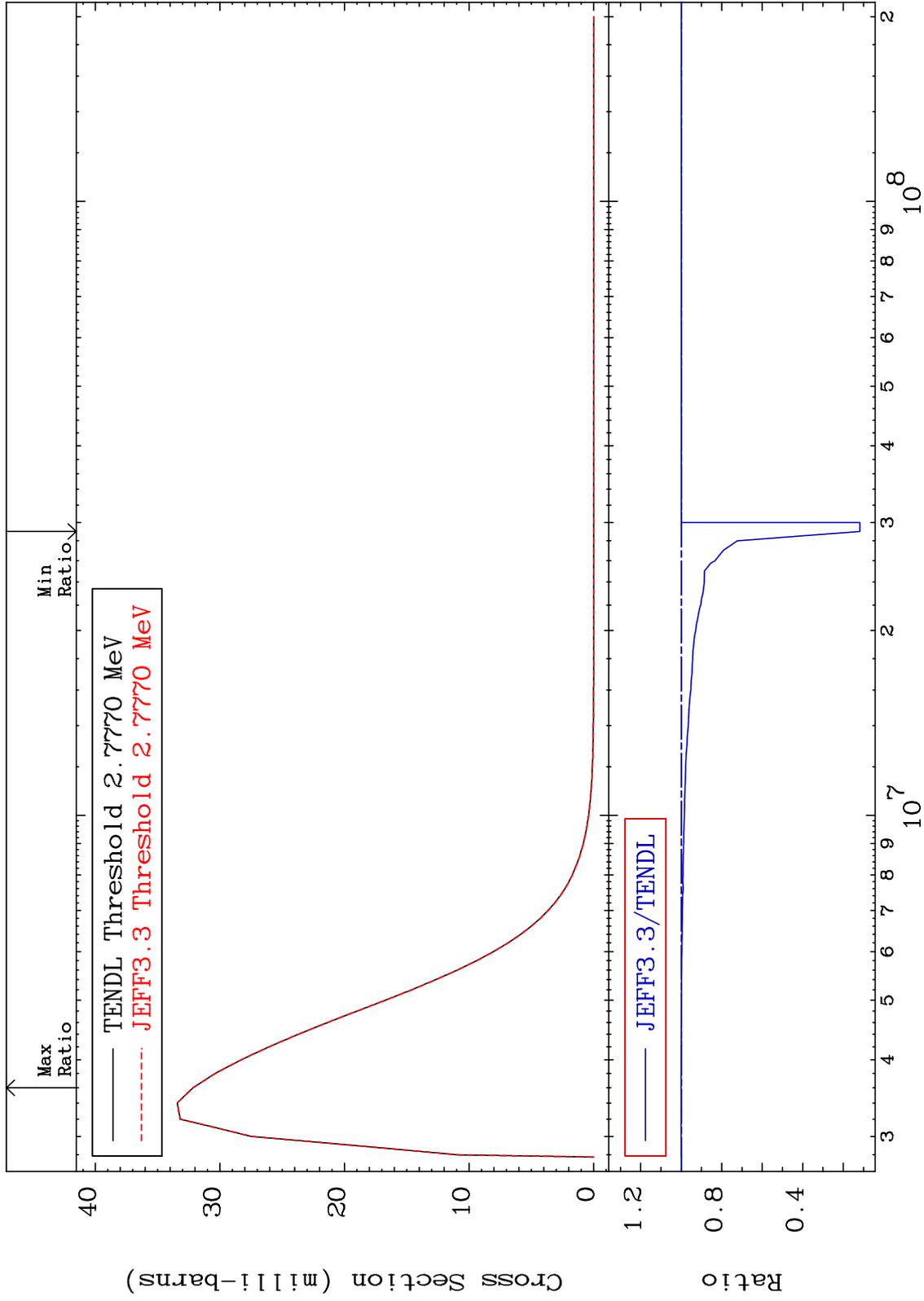
36

19-K -41

MAT 1931

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

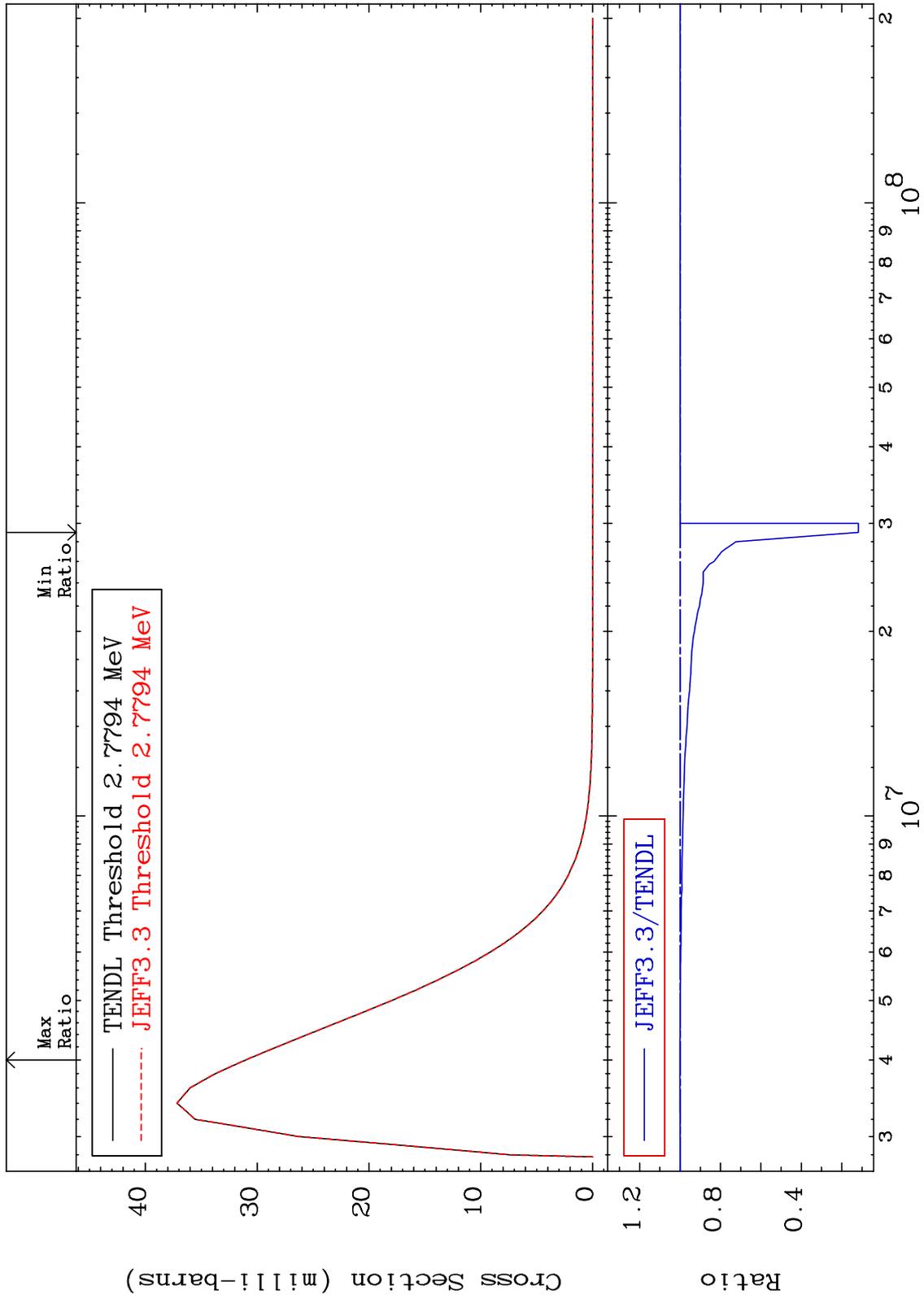
19-K -41
-88.24 To 0.035 %



37

19-K -41

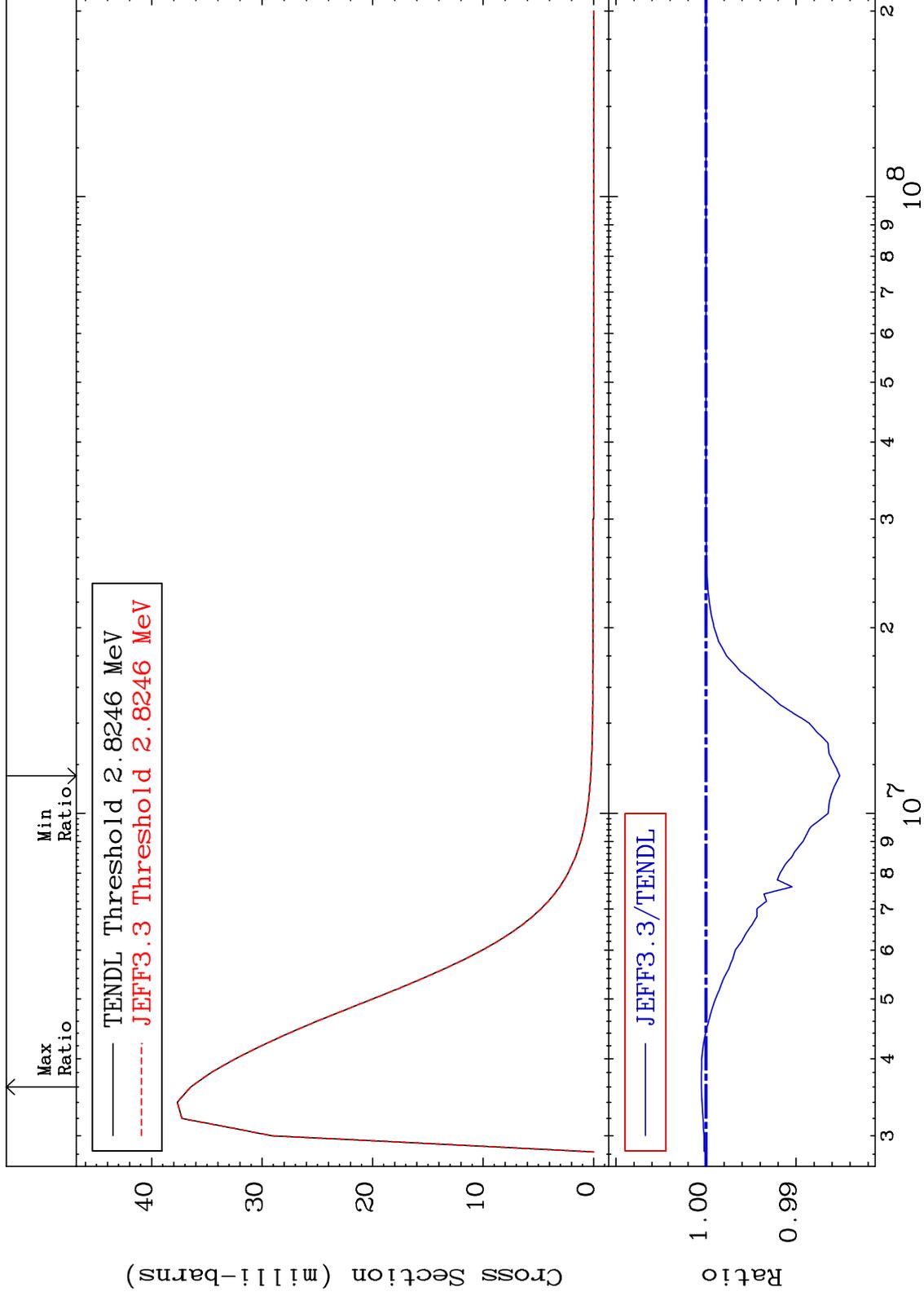
MAT 1931 MT= 70 (n,n') Level Cross Section -88.24 To 0.073 % 19-K -41



MAT 1931

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

19-K -41
-1.484 To 0.052 %



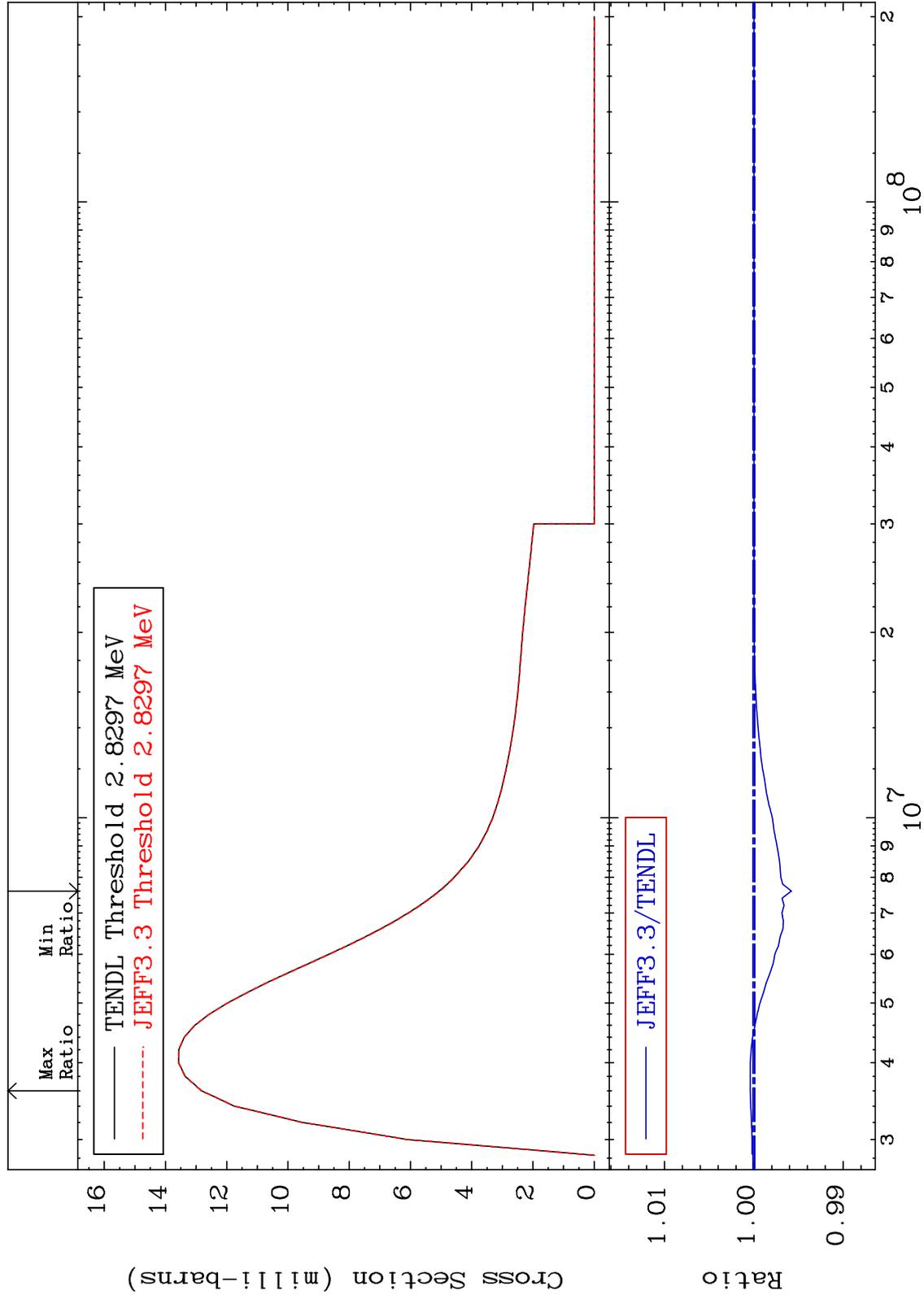
39

19-K -41

MAT 1931

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

19-K -41
-0.420 To 0.041 %



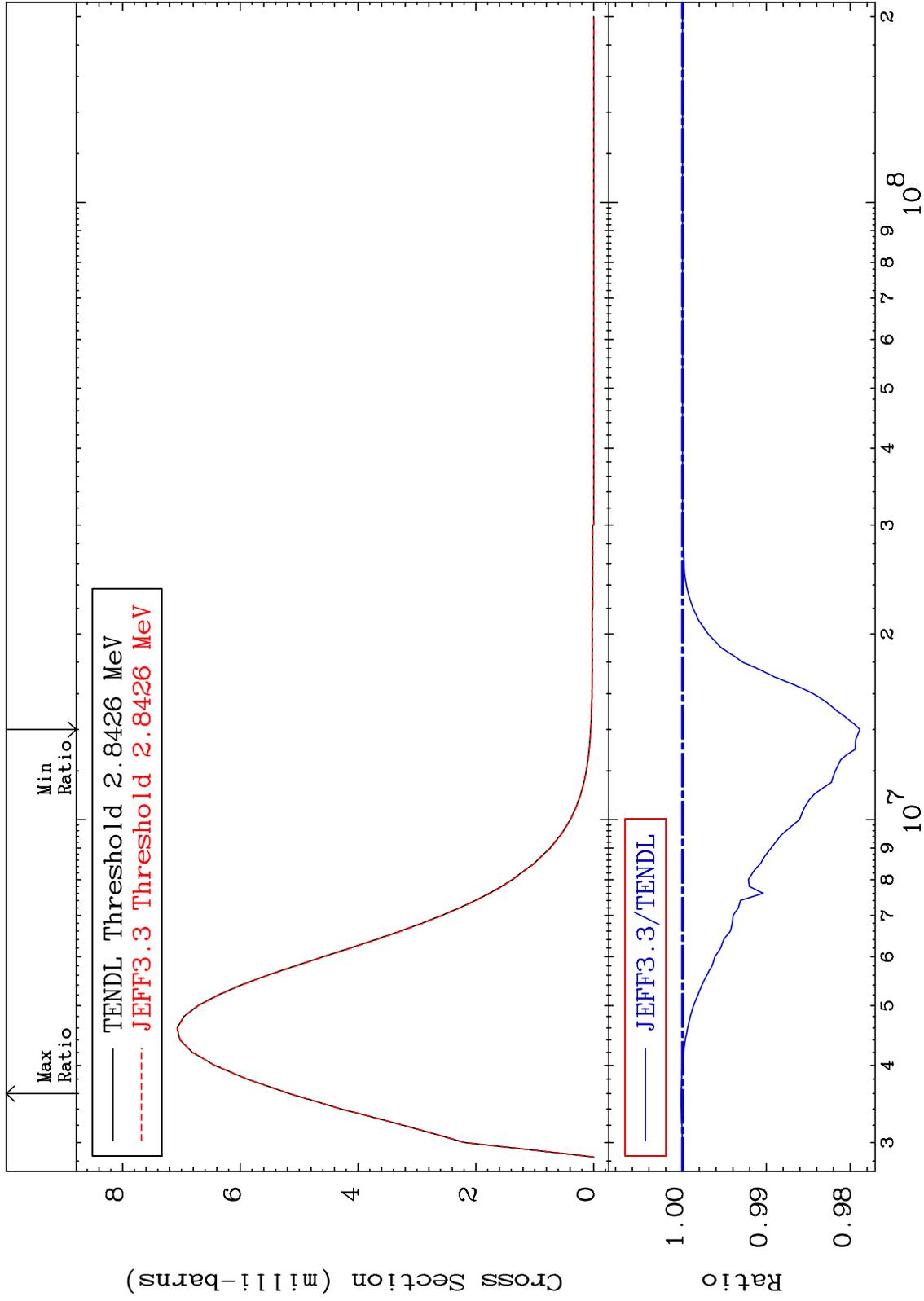
40

19-K -41

MAT 1931

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

19-K -41
-2.115 To 0.017 %



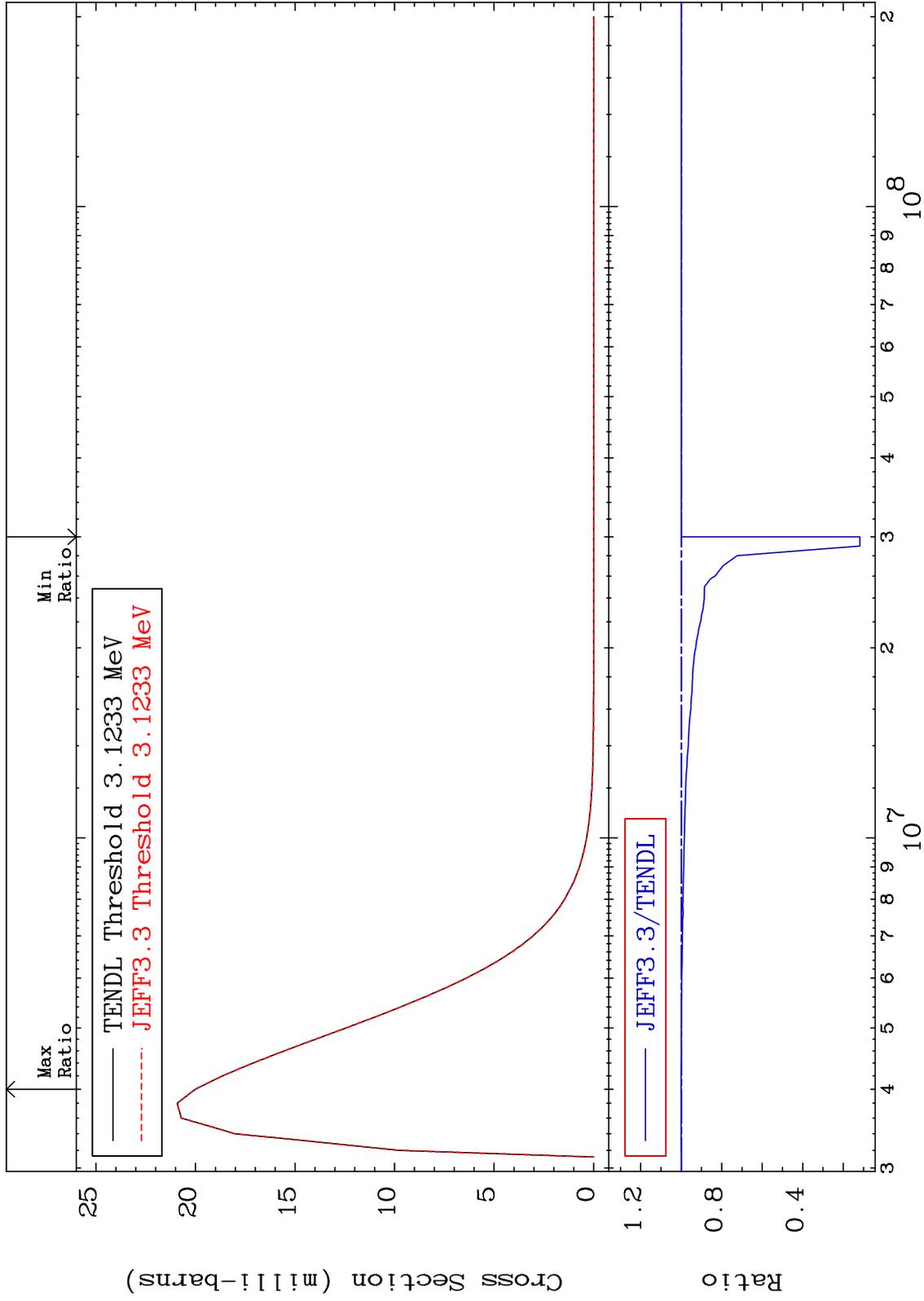
41

19-K -41

MAT 1931

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

19-K -41
-88.23 To 0.035 %



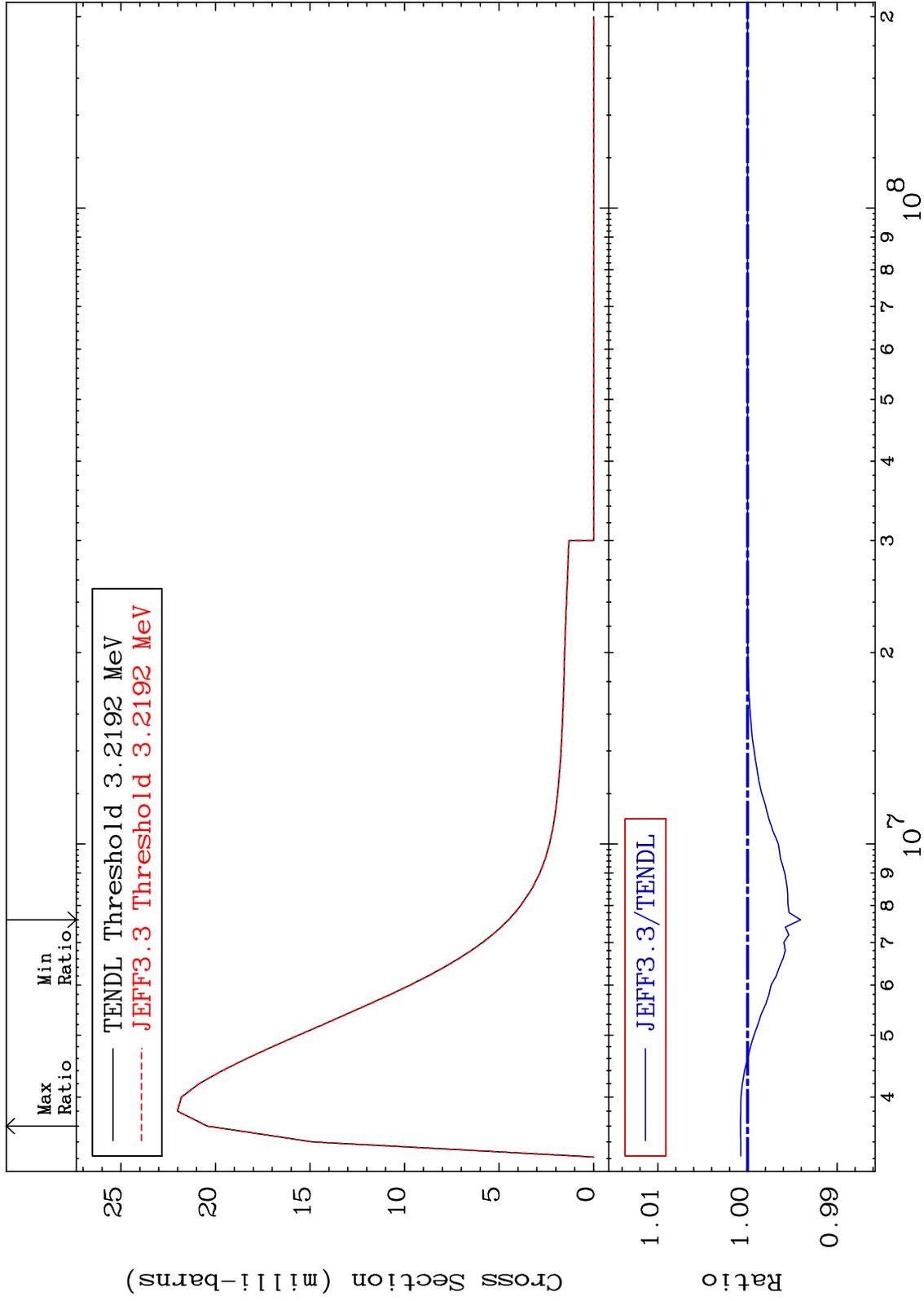
42

19-K -41

MAT 1931

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

19-K -41
-0.593 To 0.078 %



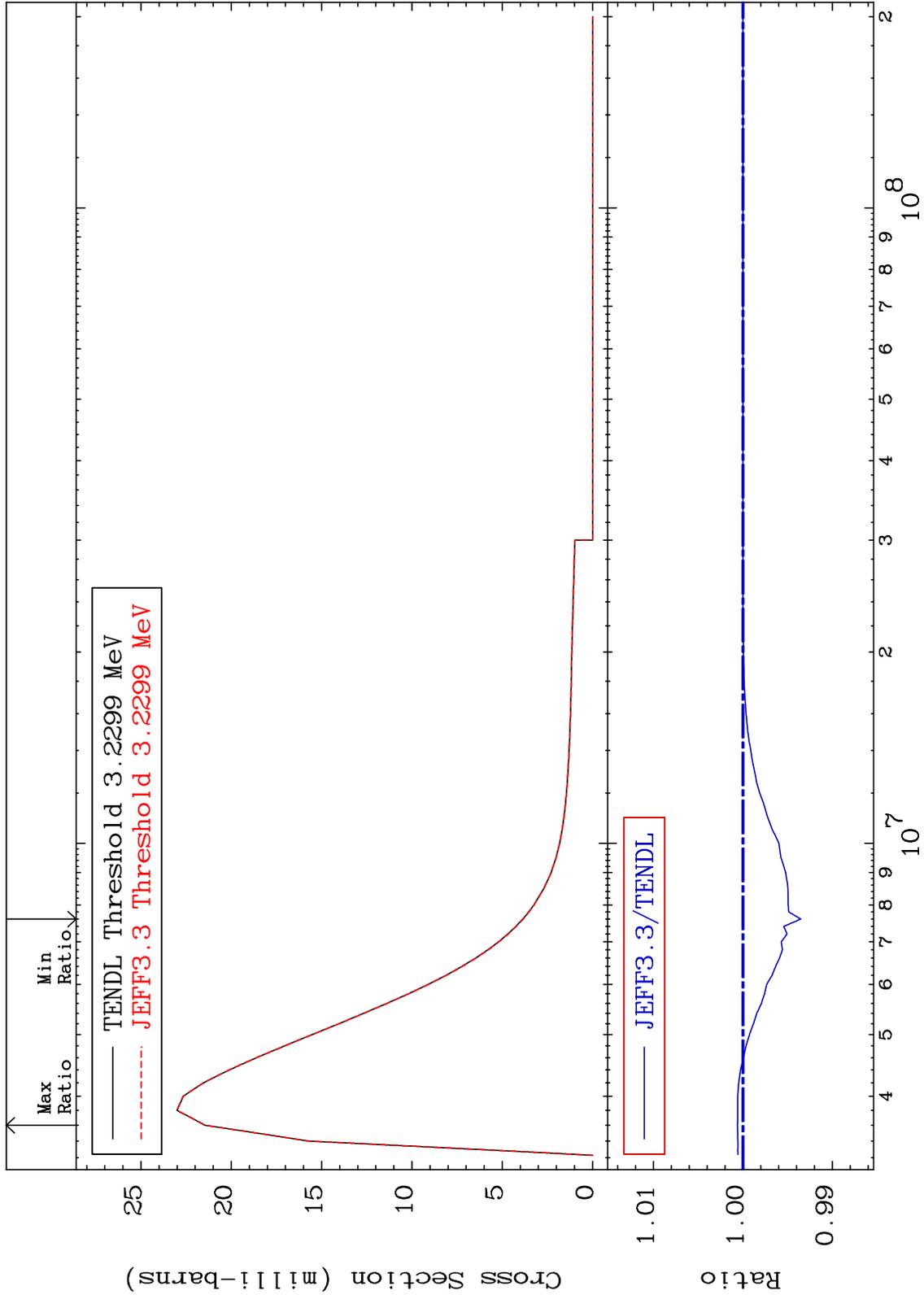
43

19-K -41

MAT 1931

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

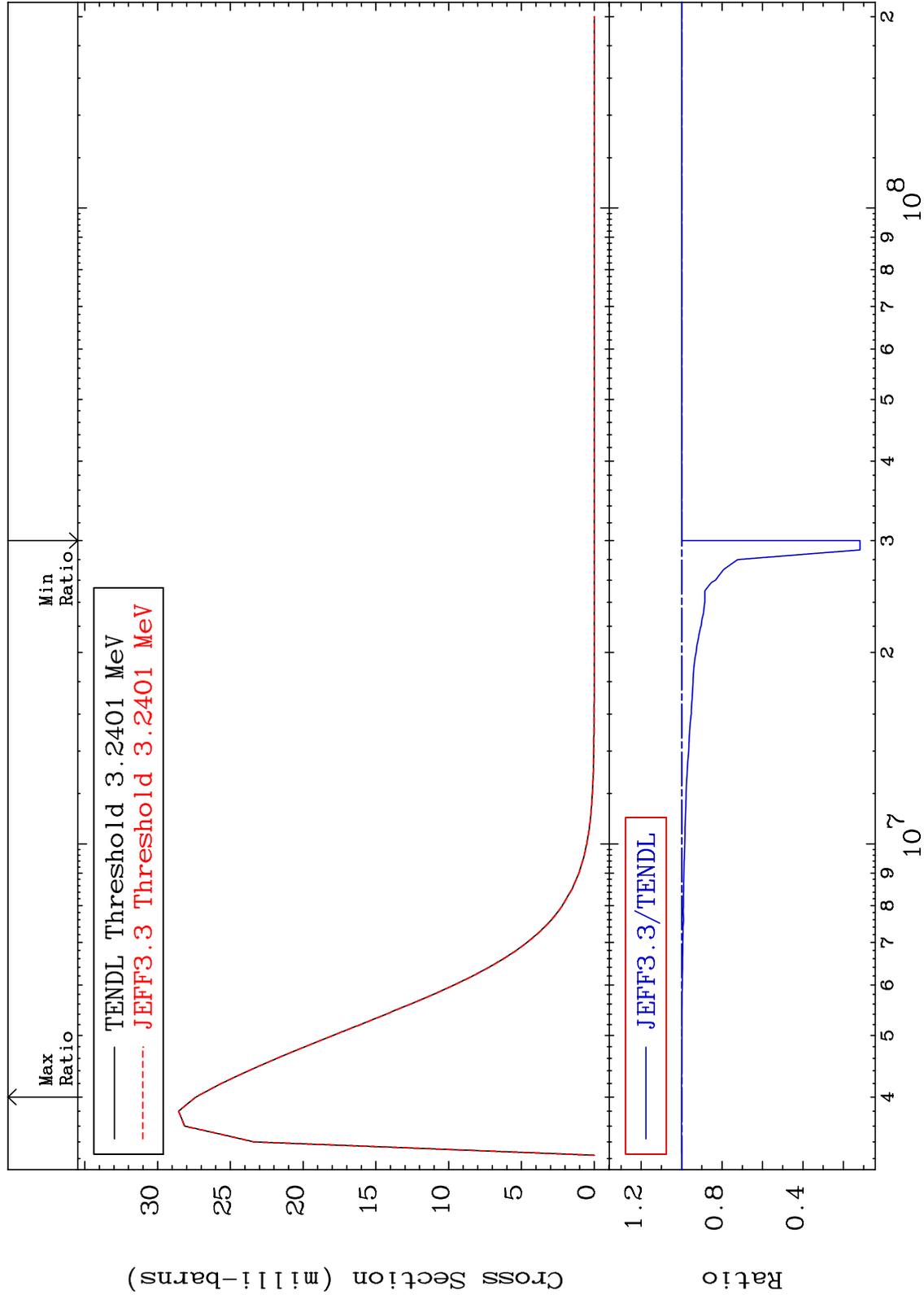
19-K -41
-0.647 To 0.060 %



MAT 1931

MT= 77 (n, n') Level
Cross Section

19-K -41
-88.24 To 0.041 %



45

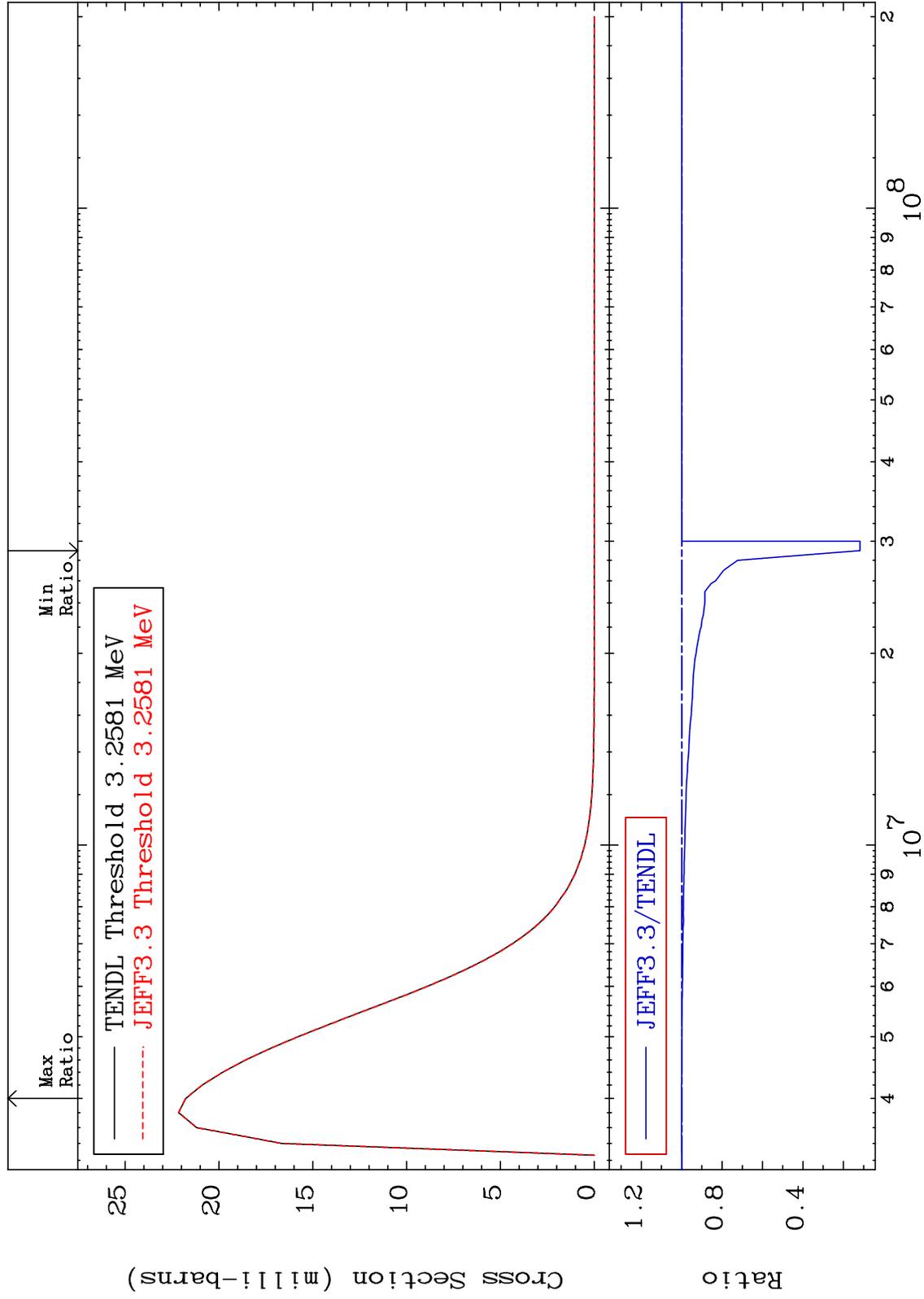
Incident Energy (eV)

19-K -41

MAT 1931

MT= 78 (n, n') Level
Cross Section

19-K -41
-88.24 To 0.052 %



46

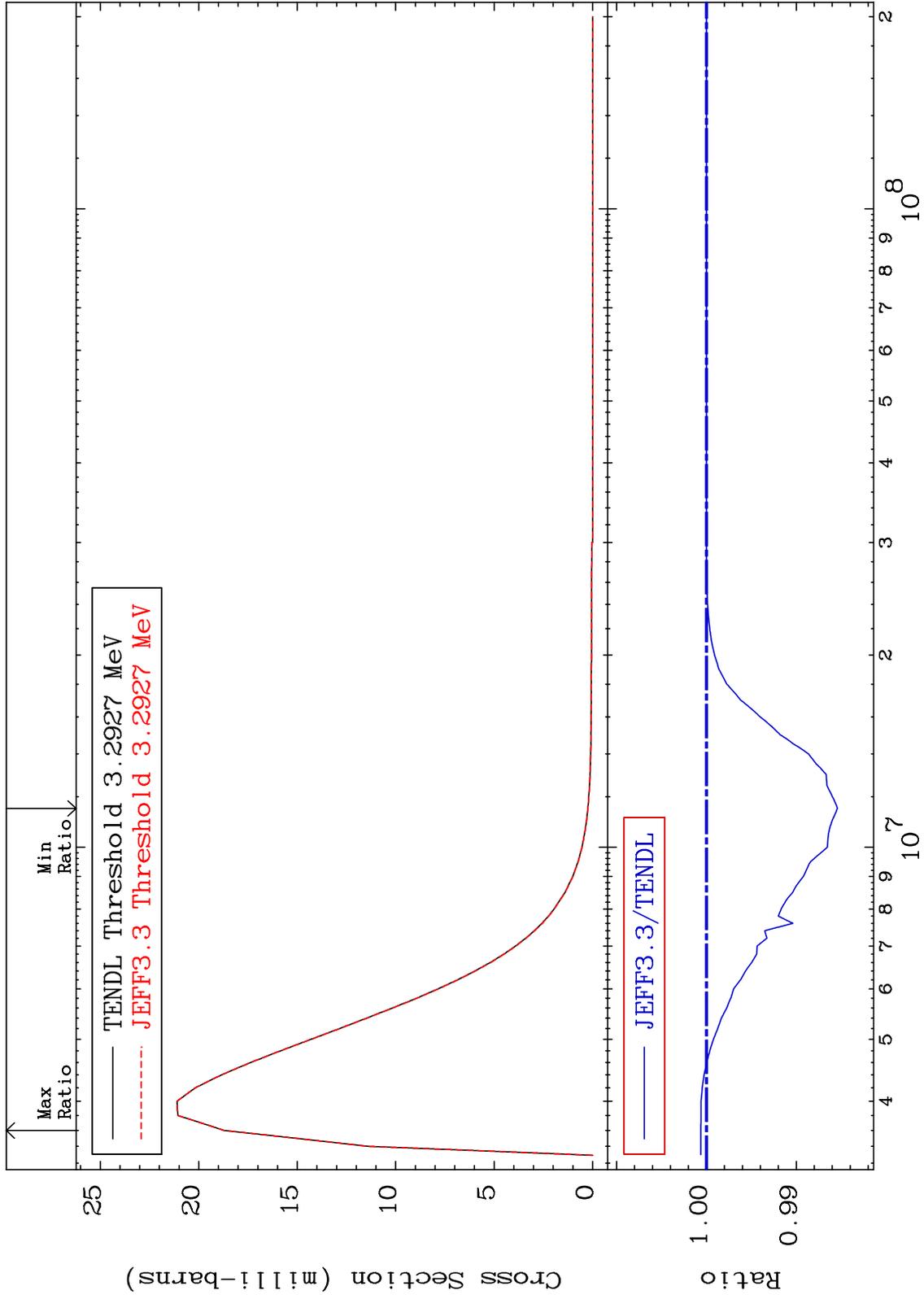
Incident Energy (eV)

19-K -41

MAT 1931

MT= 79 (n,n') Level
Cross Section

19-K -41
-1.459 To 0.063 %



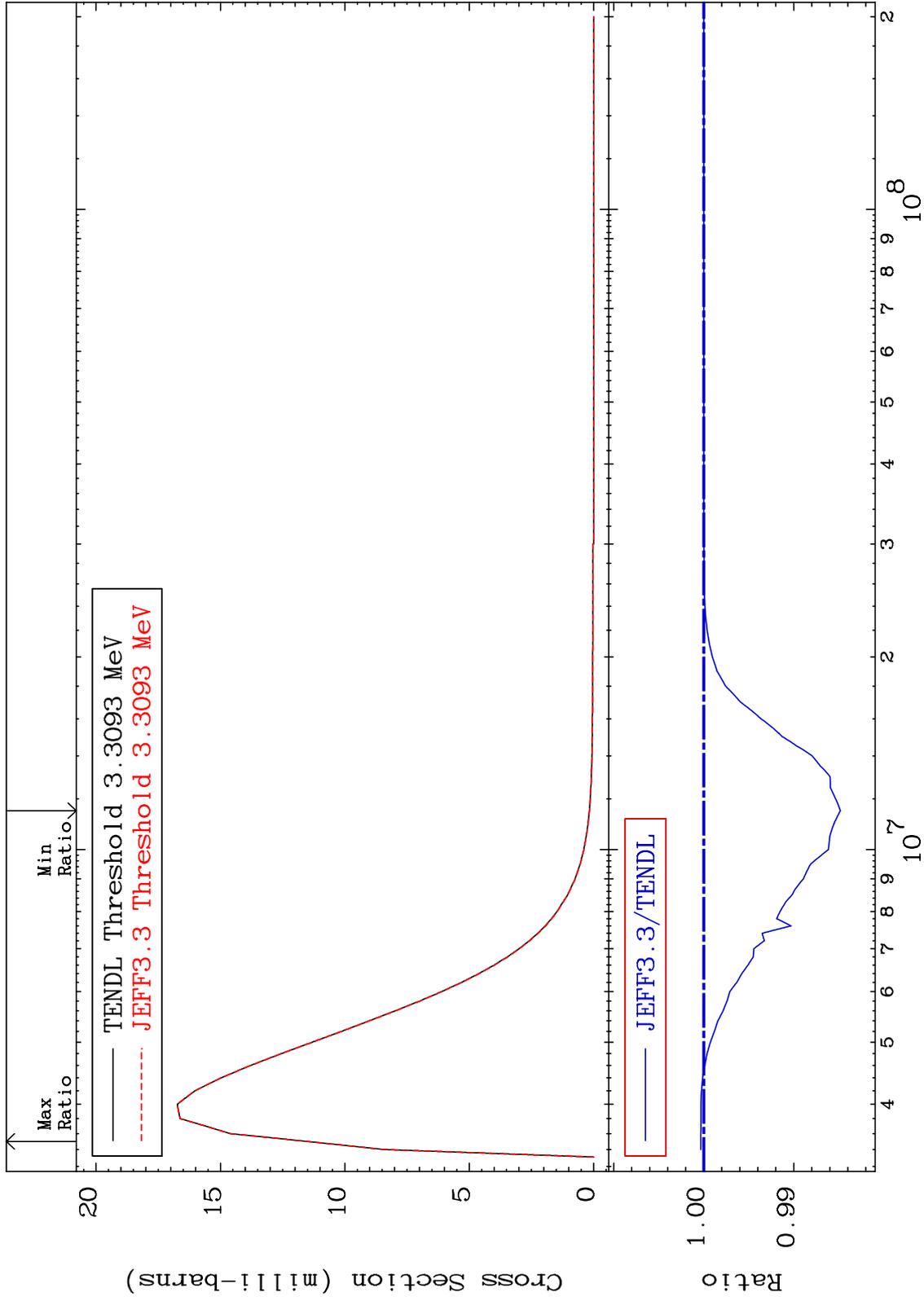
47

19-K -41

MAT 1931

MT= 80 (n,n') Level
Cross Section

19-K -41
-1.516 To 0.034 %



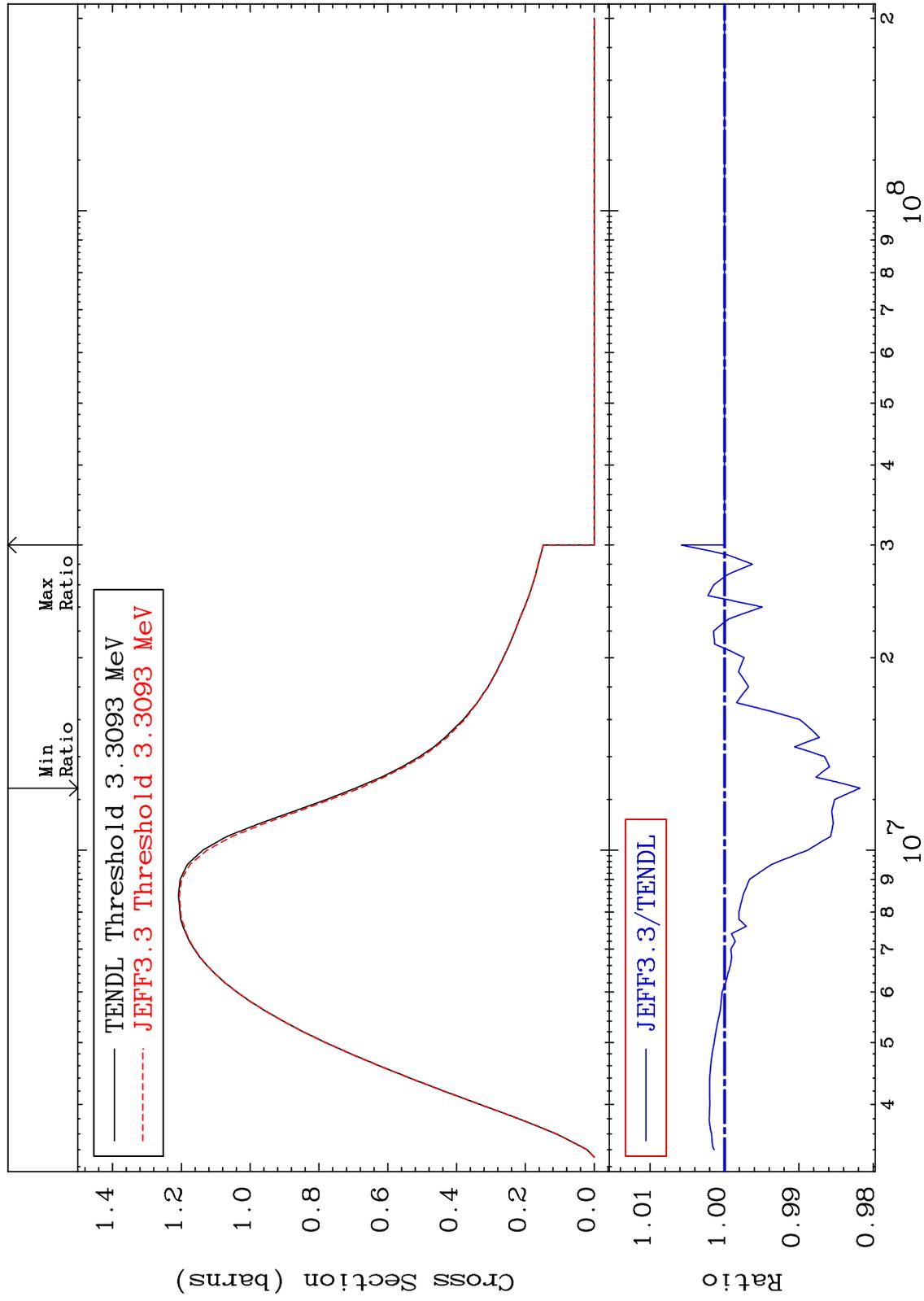
48

19-K -41

MAT 1931

(n, n') Continuum
Cross Section

19-K -41
-1.821 To 0.578 %



49

19-K -41

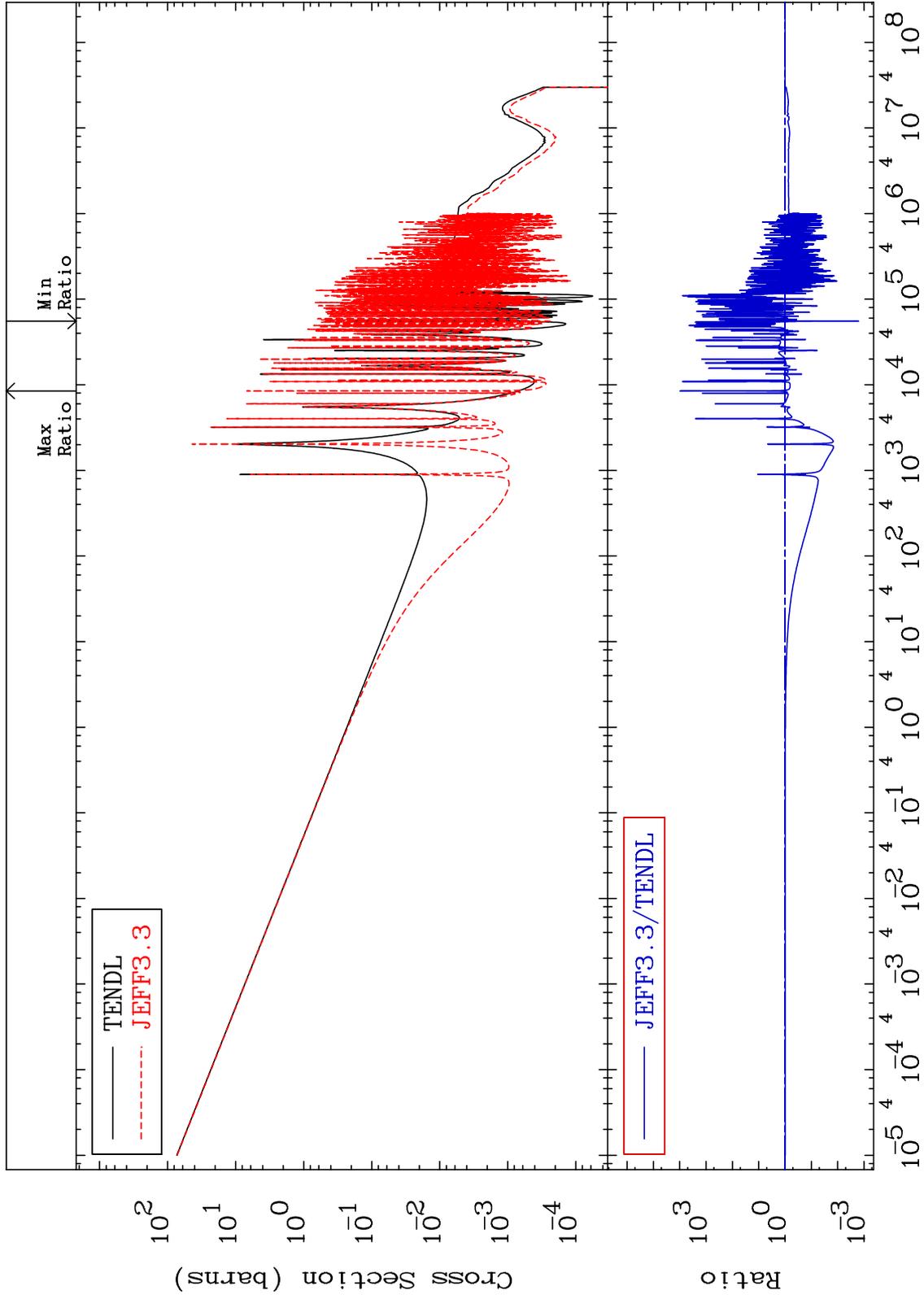
MAT 1931

(n, γ)

19-K -41

Cross Section

-99.84 To 9999. %



50

Incident Energy (eV)

19-K -41

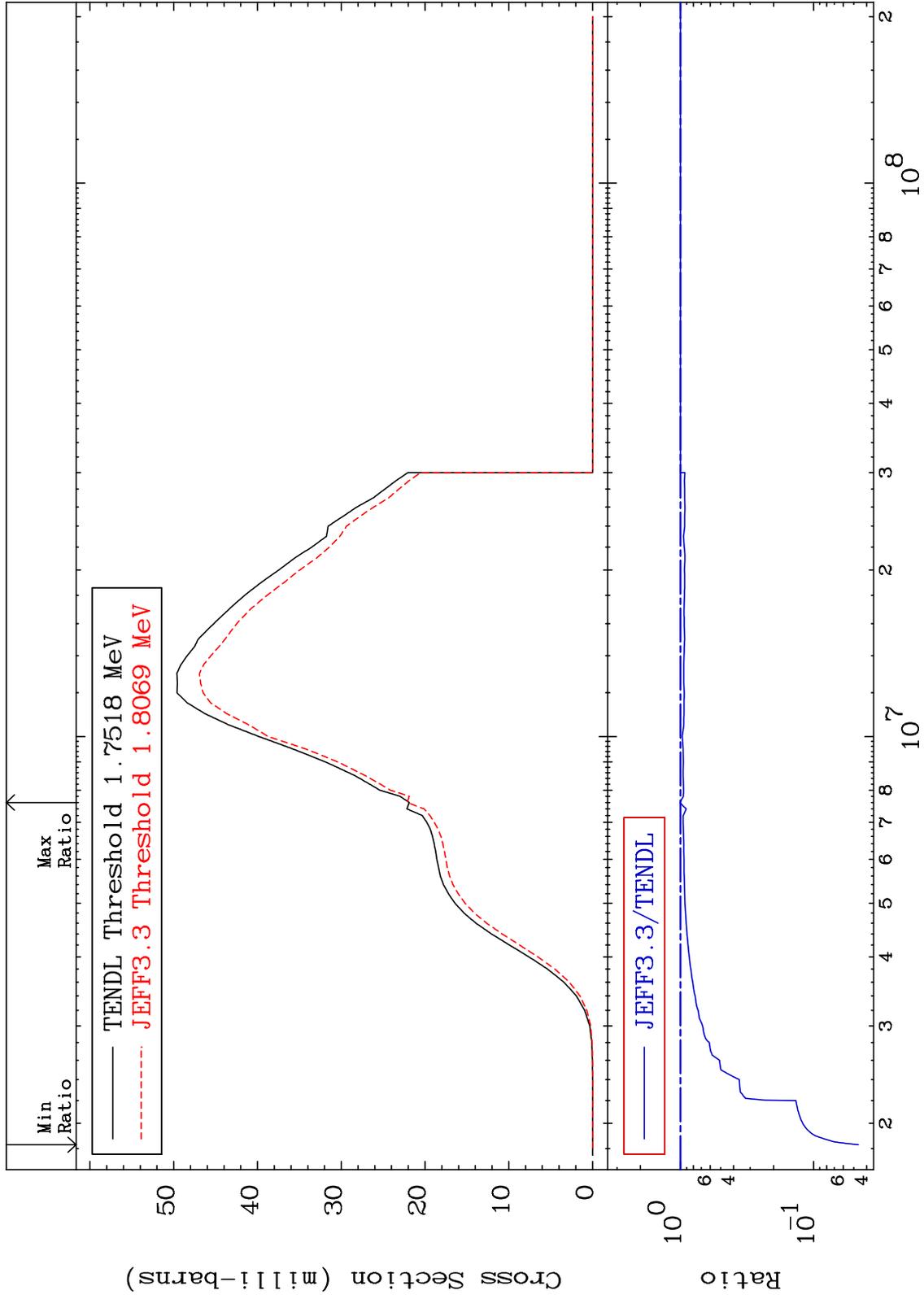
MAT 1931

(n,p)

19-K -41

Cross Section

-95.38 To 1.094 %



51

Incident Energy (eV)

19-K -41

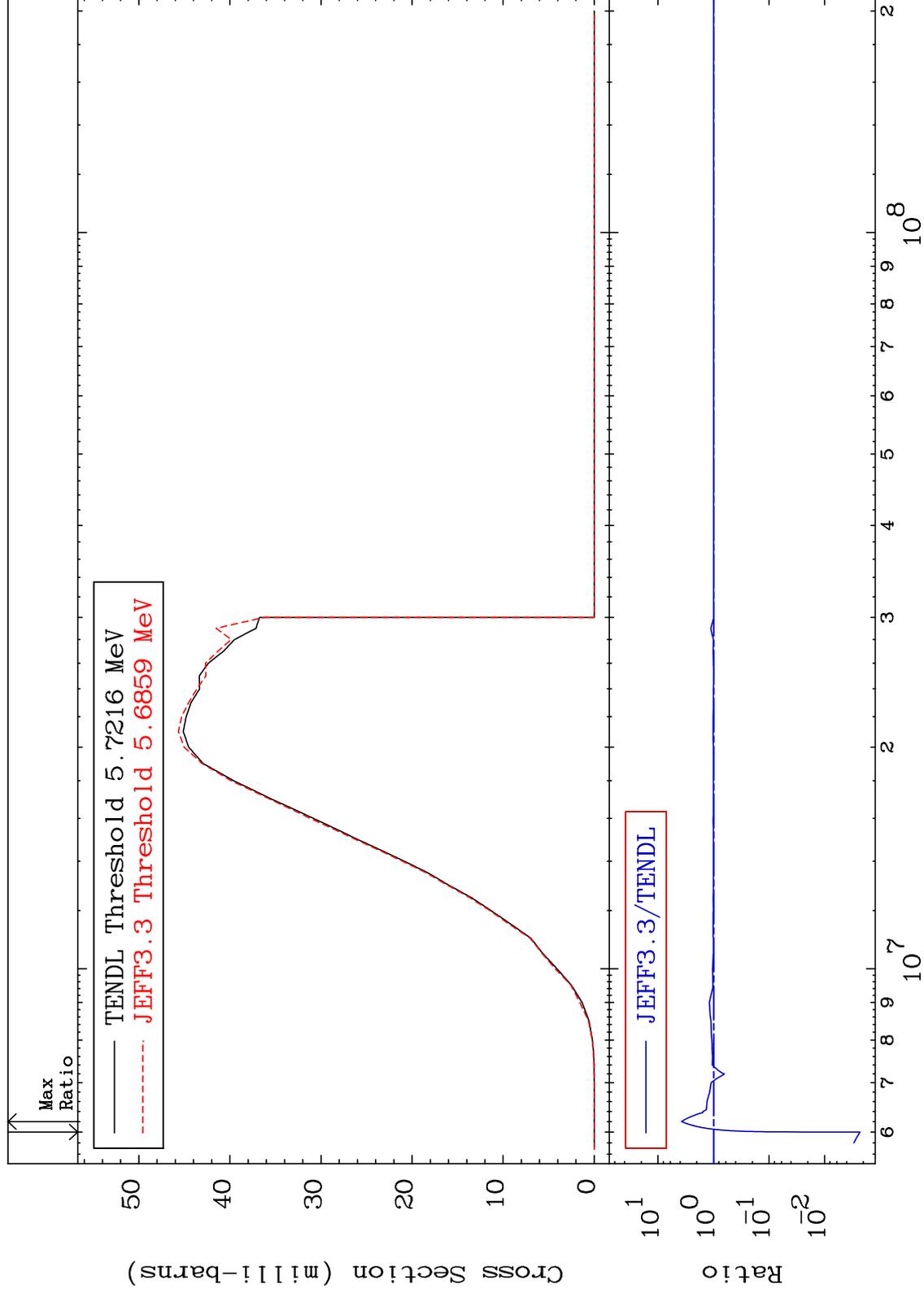
MAT 1931

(n, d)

19-K -41

Cross Section

-99.77 To 276.2 %



52

Incident Energy (eV)

19-K -41

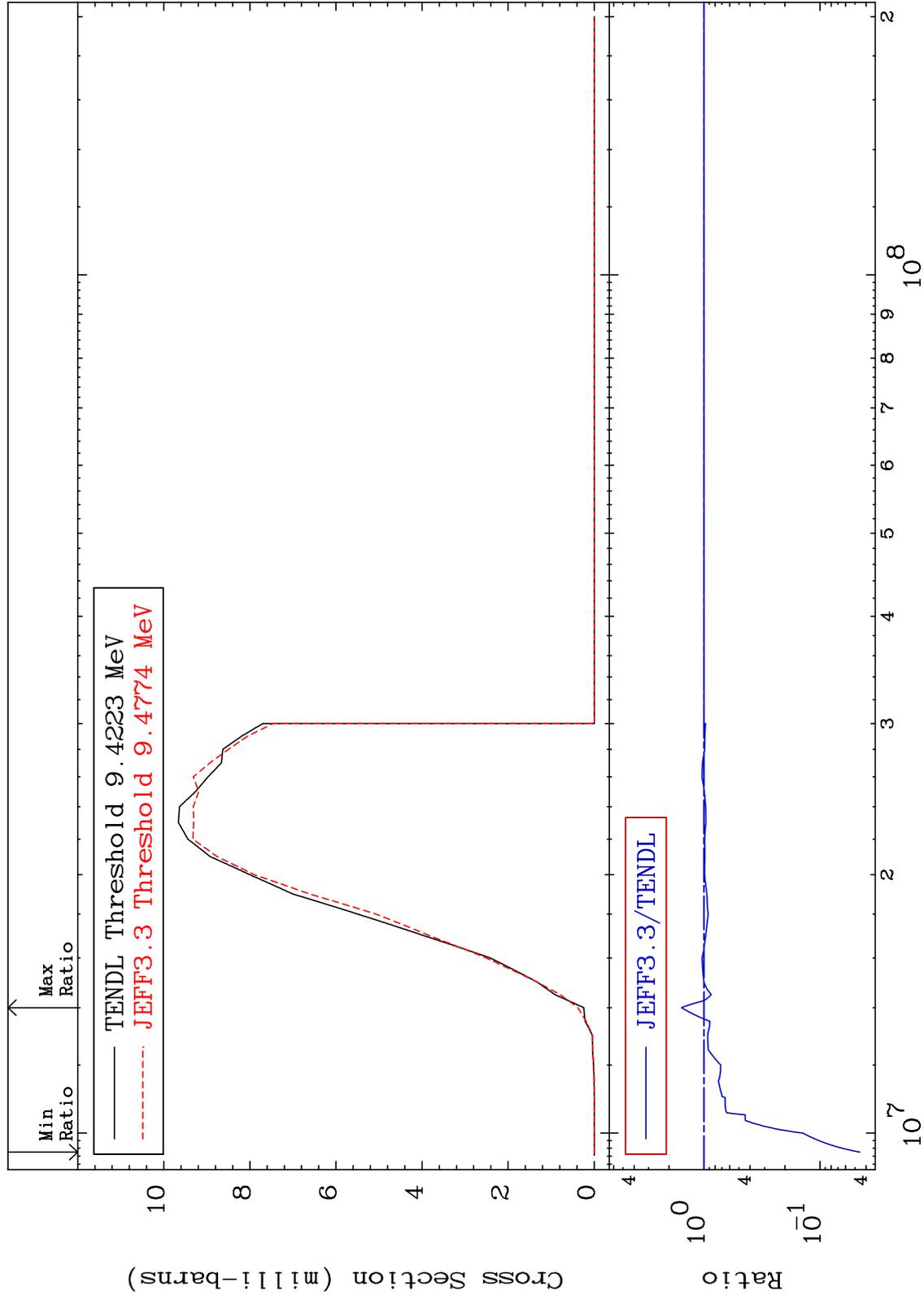
MAT 1931

(n, t)

19-K -41

Cross Section

-95.49 To 55.90 %



Incident Energy (eV)

19-K -41

53

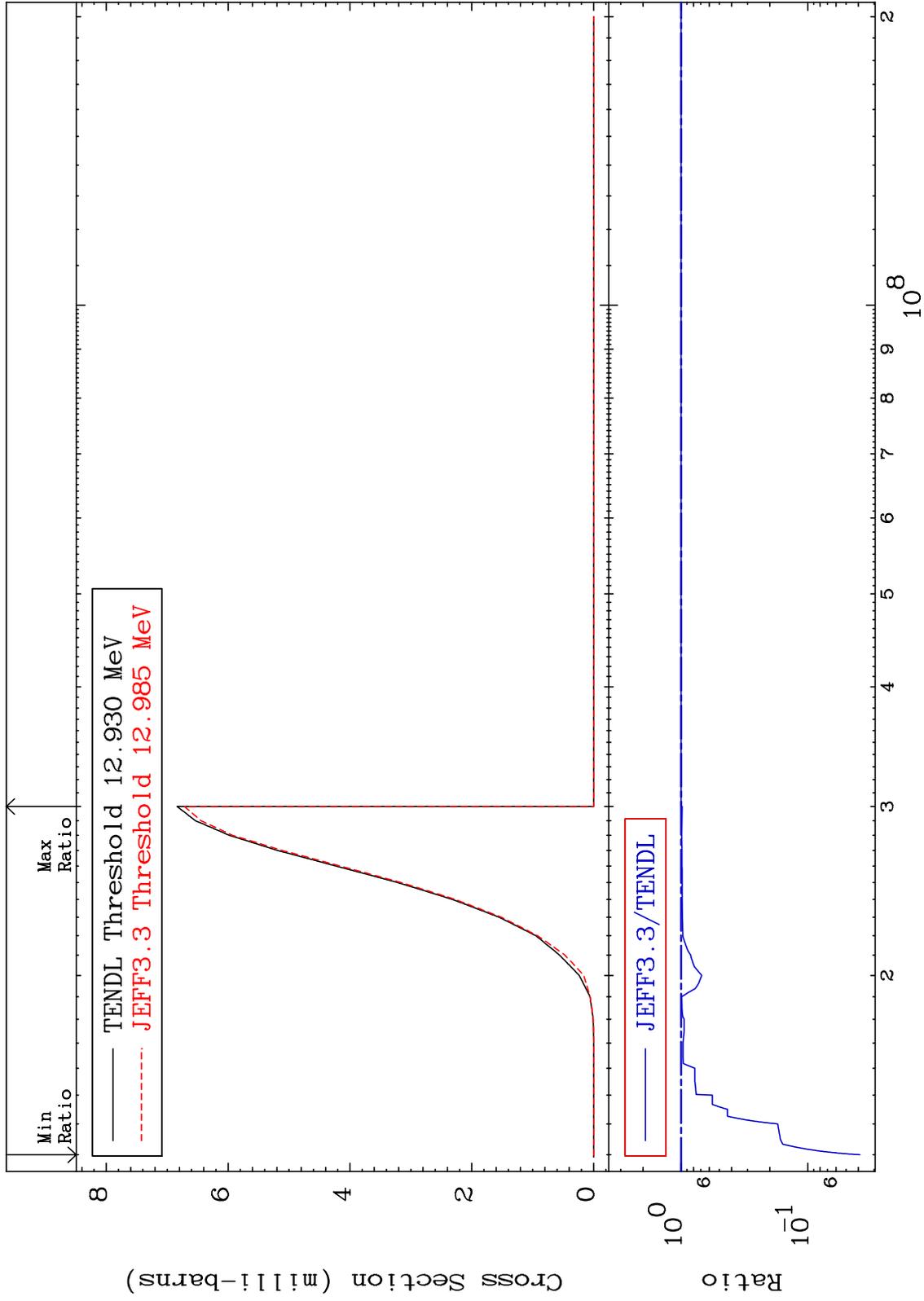
MAT 1931

(n, He-3)

19-K -41

Cross Section

-96.11 To 0.000 %



54

Incident Energy (eV)

19-K -41

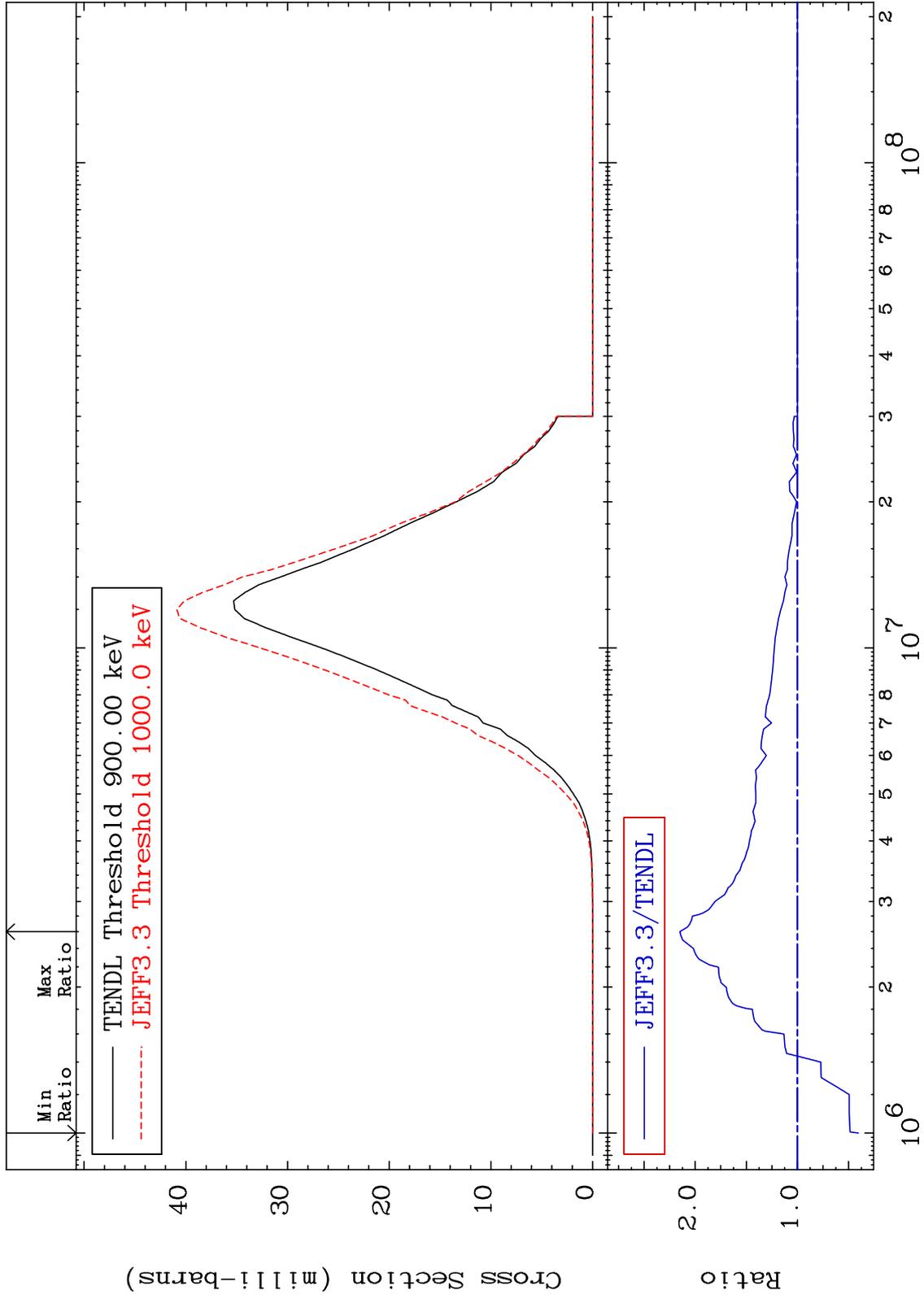
MAT 1931

(n, α)

19-K -41

Cross Section

-59.62 To 115.0 %



55

19-K -41

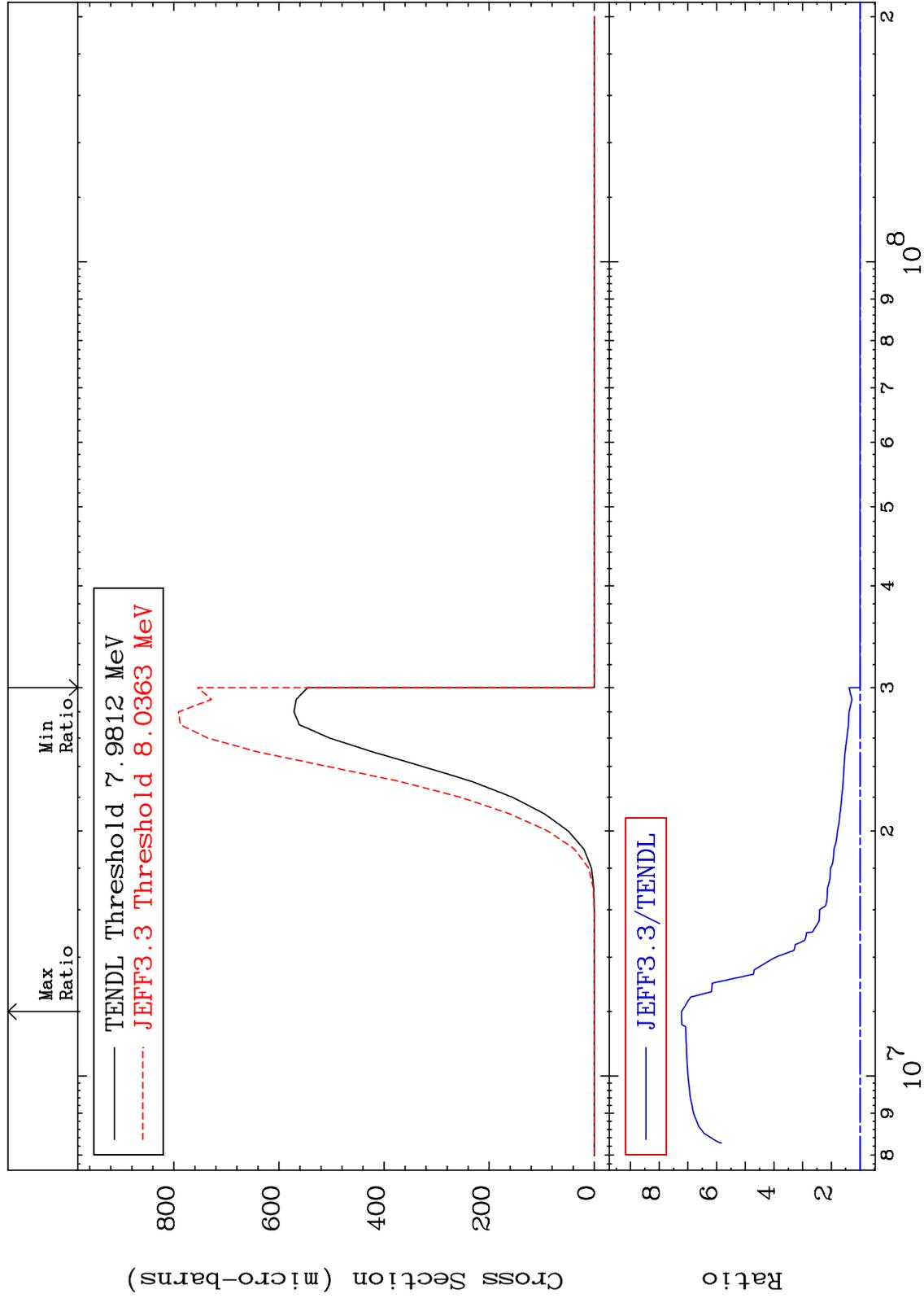
MAT 1931

(n, 2α)

19-K -41

0.000 To 622.1 %

Cross Section



56

Incident Energy (eV)

19-K -41

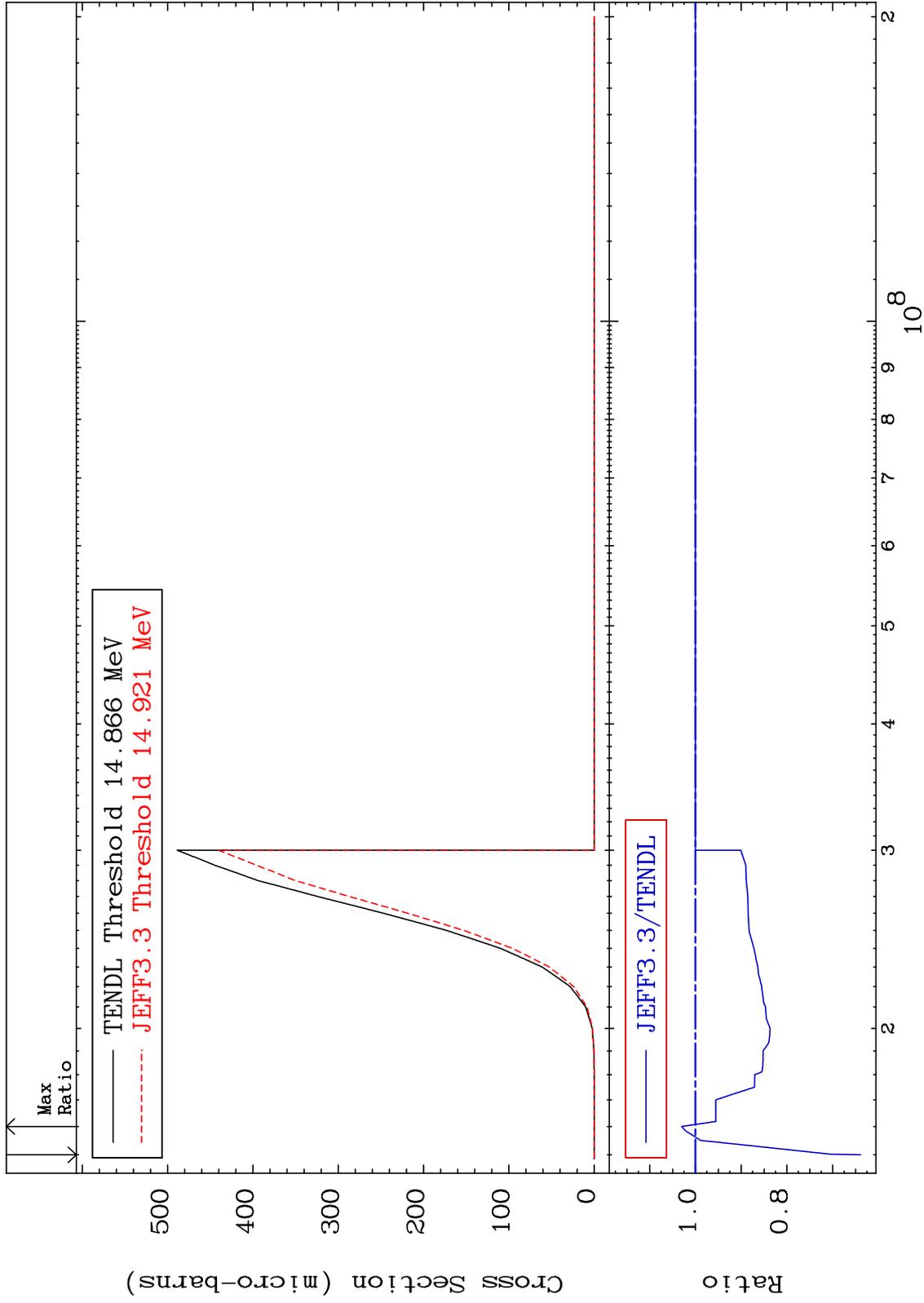
MAT 1931

(n,2p)

19-K -41

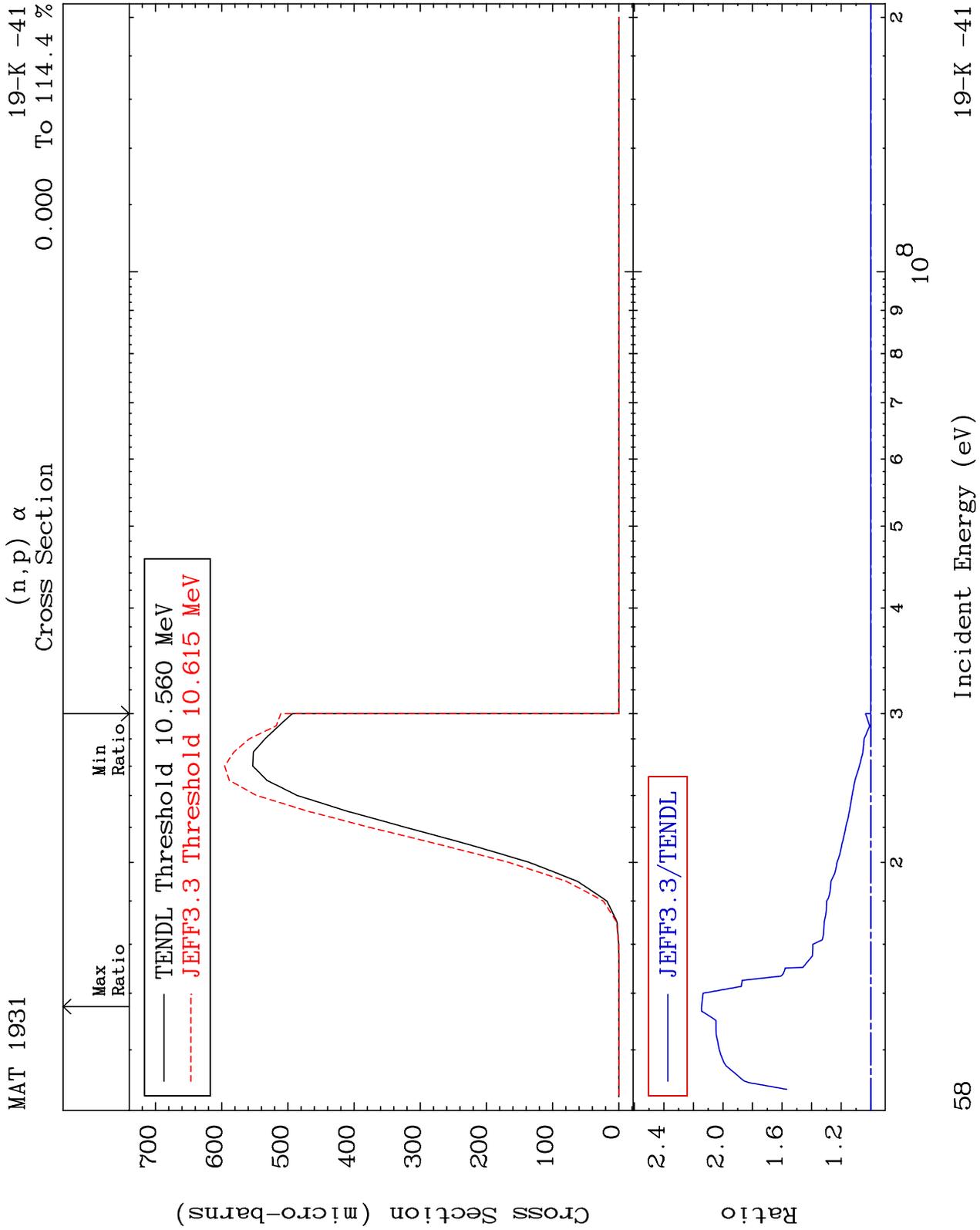
Cross Section

-36.12 To 3.004 %



57

19-K -41



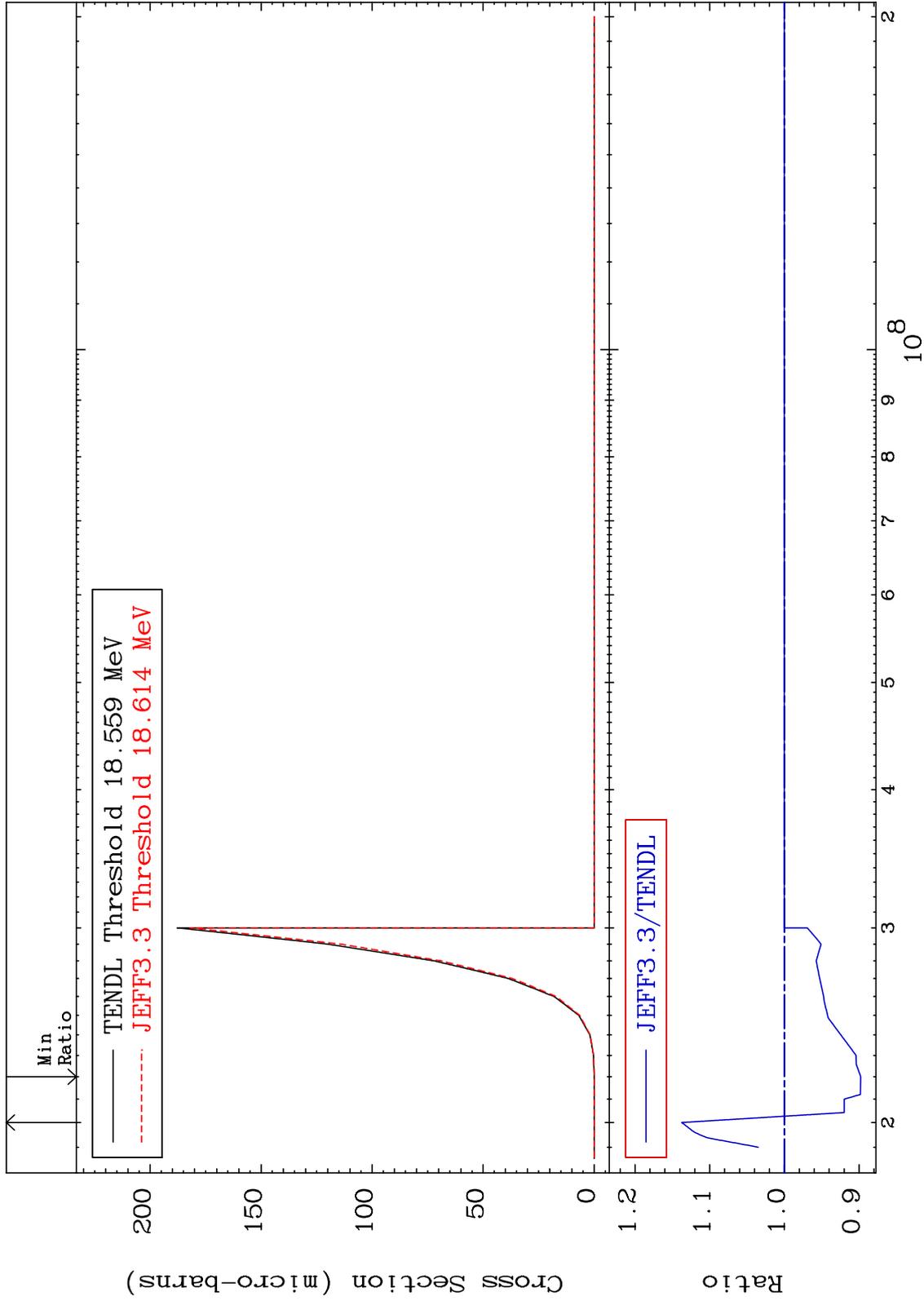
MAT 1931

(n,p) d

19-K -41

Cross Section

-10.22 To 13.75 %



59

19-K -41

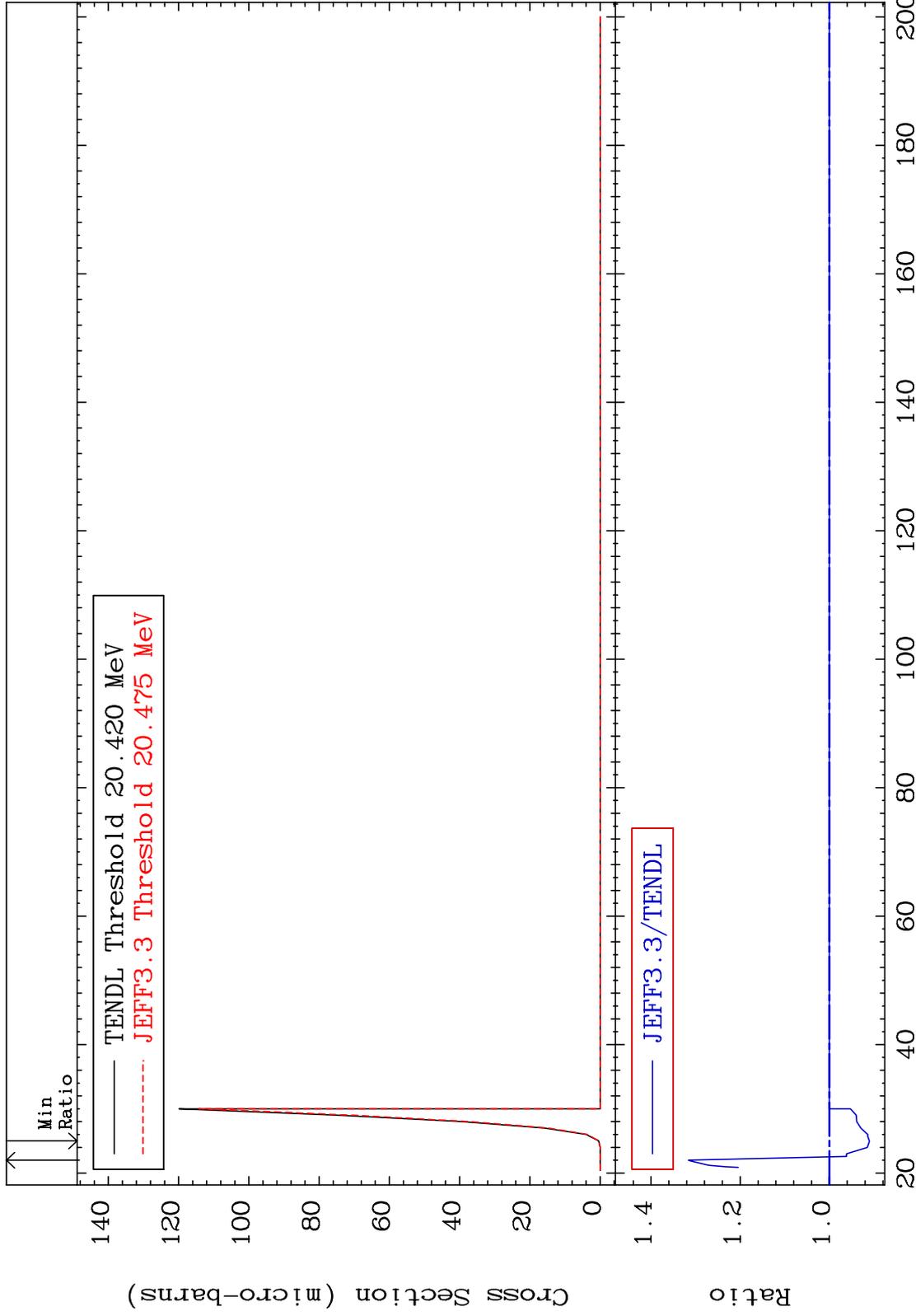
MAT 1931

(n,p) t

19-K -41

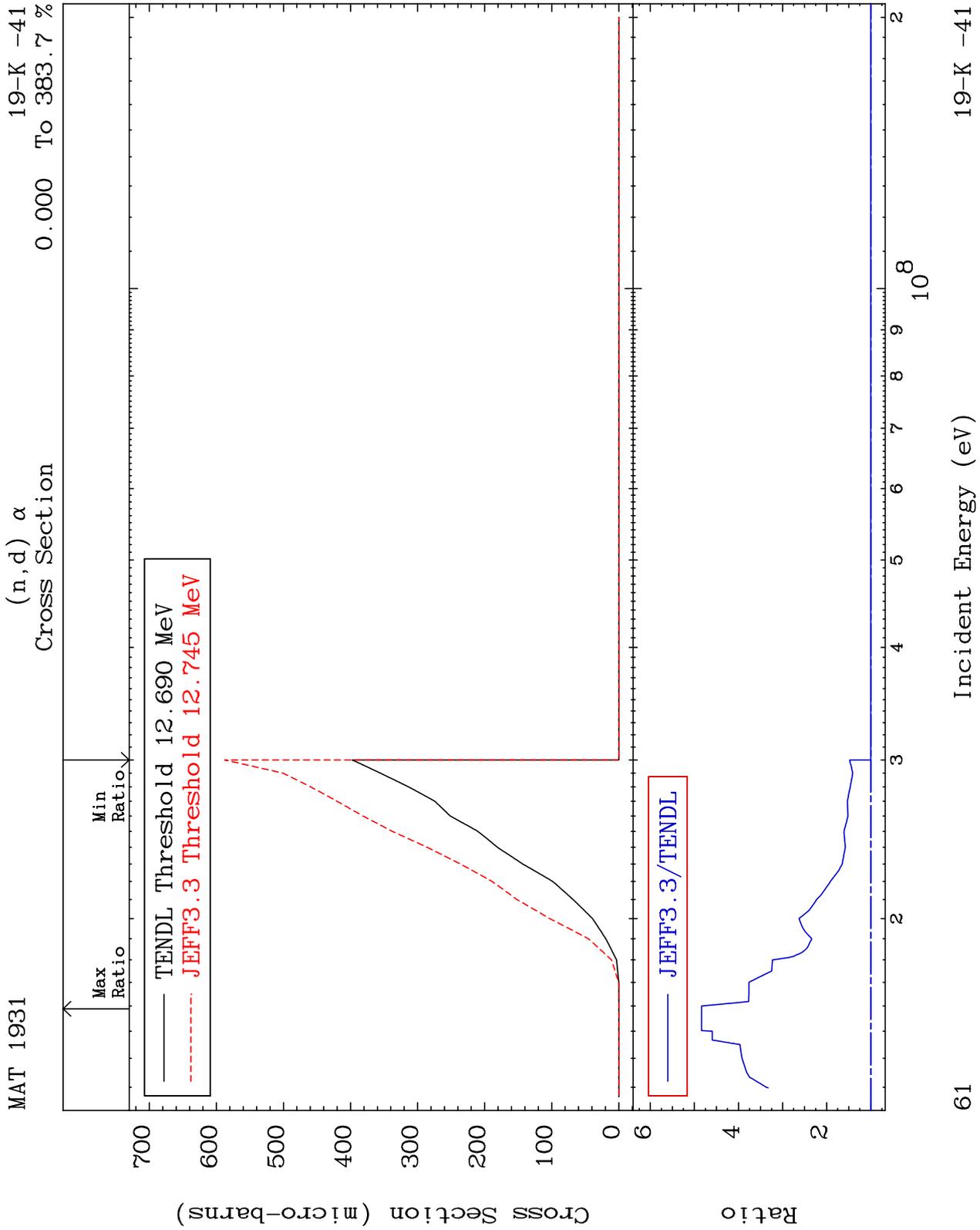
Cross Section

-8.958 To 31.57 %



Incident Energy (MeV)

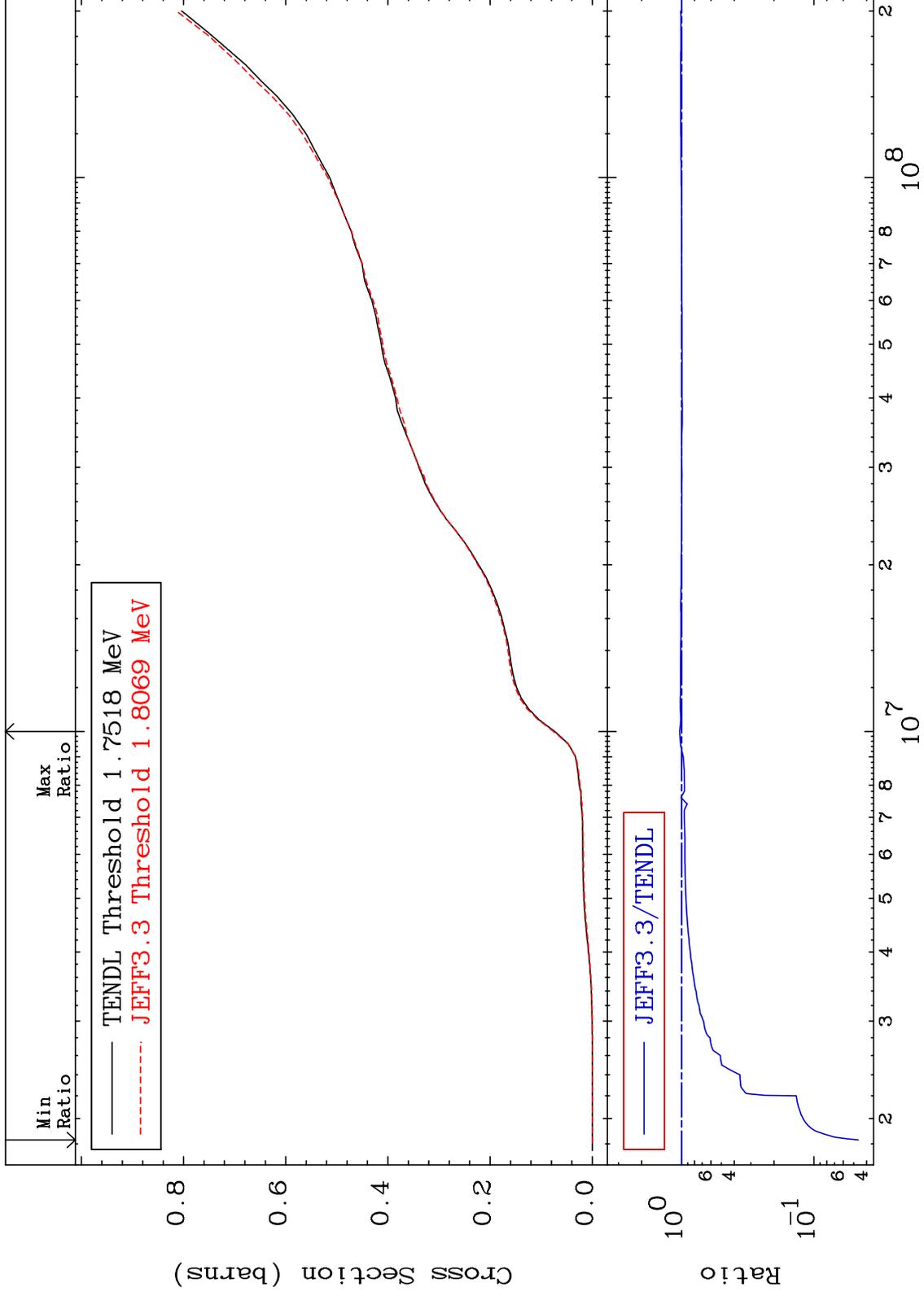
19-K -41



MAT 1931

Hydrogen Production
Cross Section

19-K -41
-95.38 To 3.276 %



62

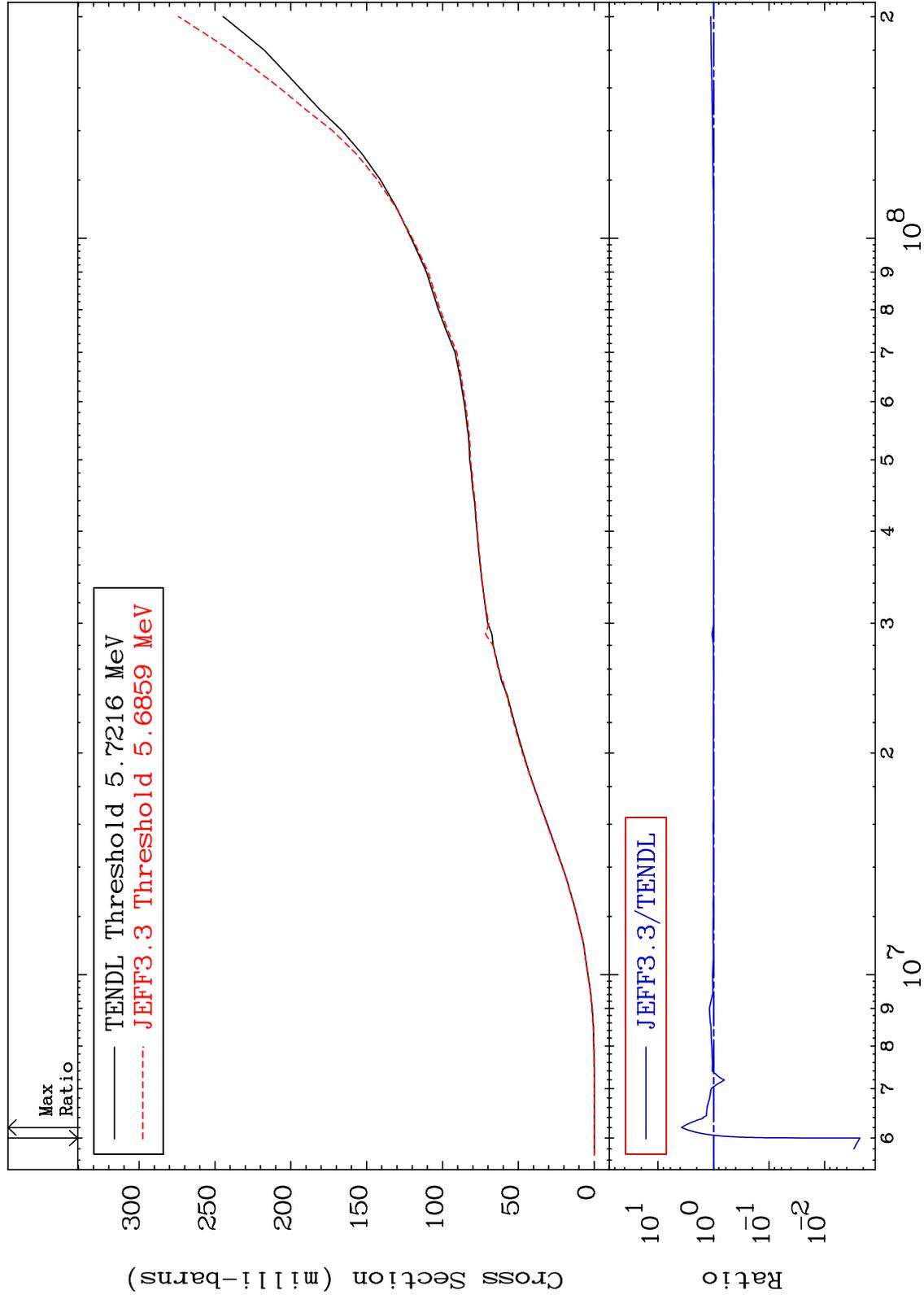
Incident Energy (eV)

19-K -41

MAT 1931

Deuterium Production
Cross Section

19-K -41
-99.77 To 276.2 %



63

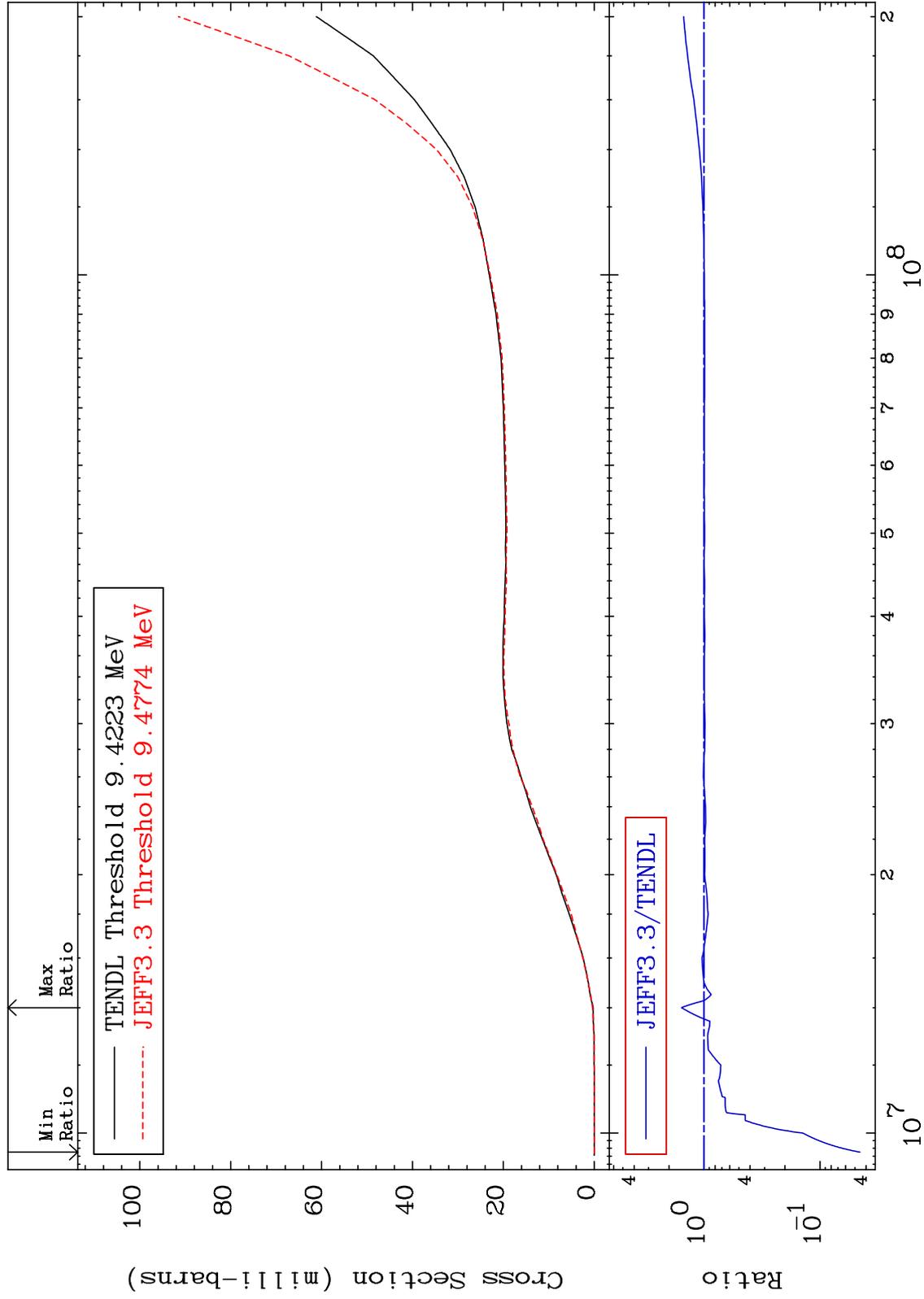
Incident Energy (eV)

19-K -41

MAT 1931

Tritium Production
Cross Section

19-K -41
-95.49 To 55.90 %



64

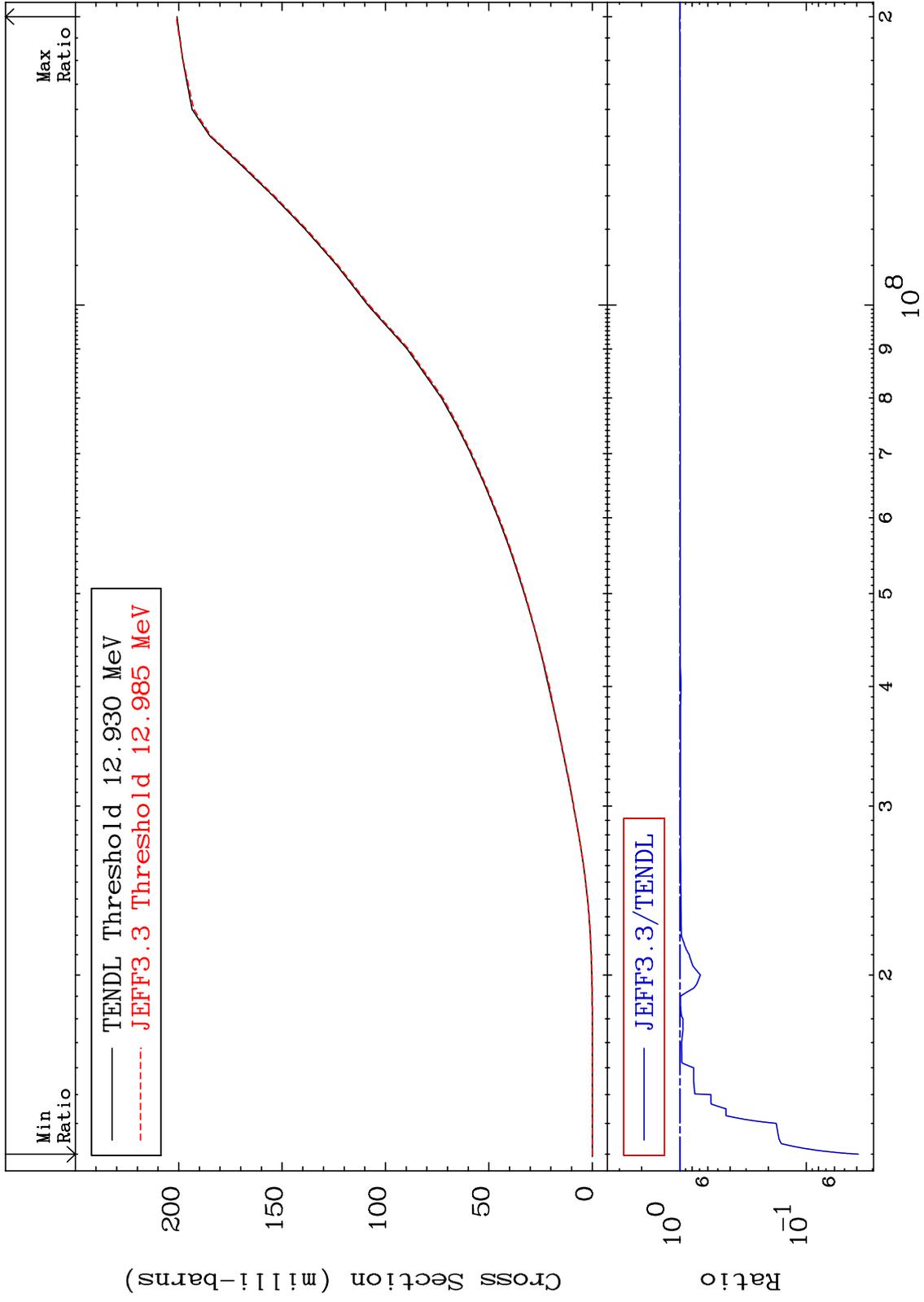
Incident Energy (eV)

19-K -41

MAT 1931

He-3 Production
Cross Section

19-K -41
-96.11 To 0.185 %



65

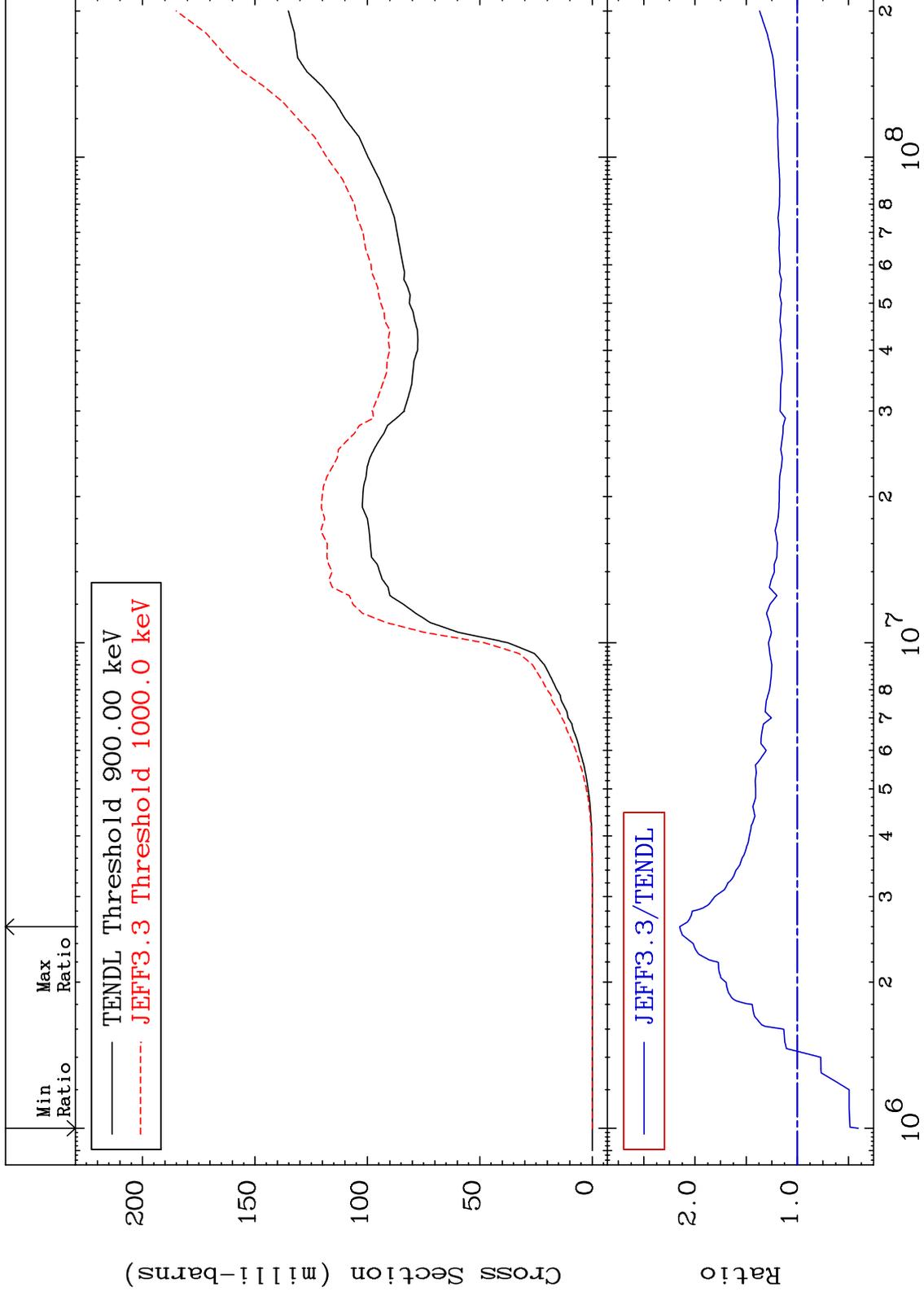
Incident Energy (eV)

19-K -41

MAT 1931

He-4 Production
Cross Section

19-K -41
-59.62 To 115.0 %



66

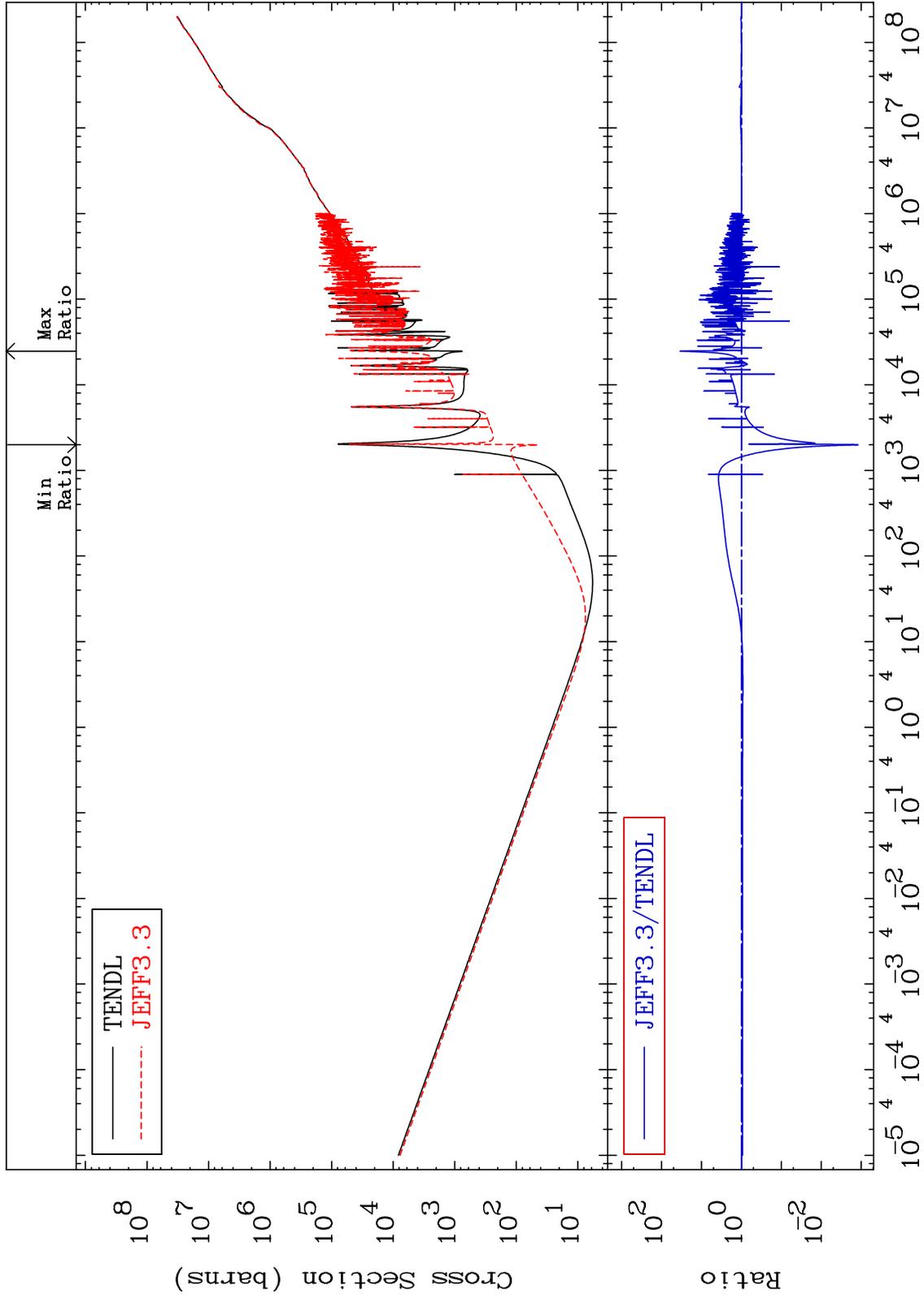
Incident Energy (eV)

19-K -41

MAT 1931

Kerma total (eV-barns)
Cross Section

19-K -41
-99.88 To 3357. %



67

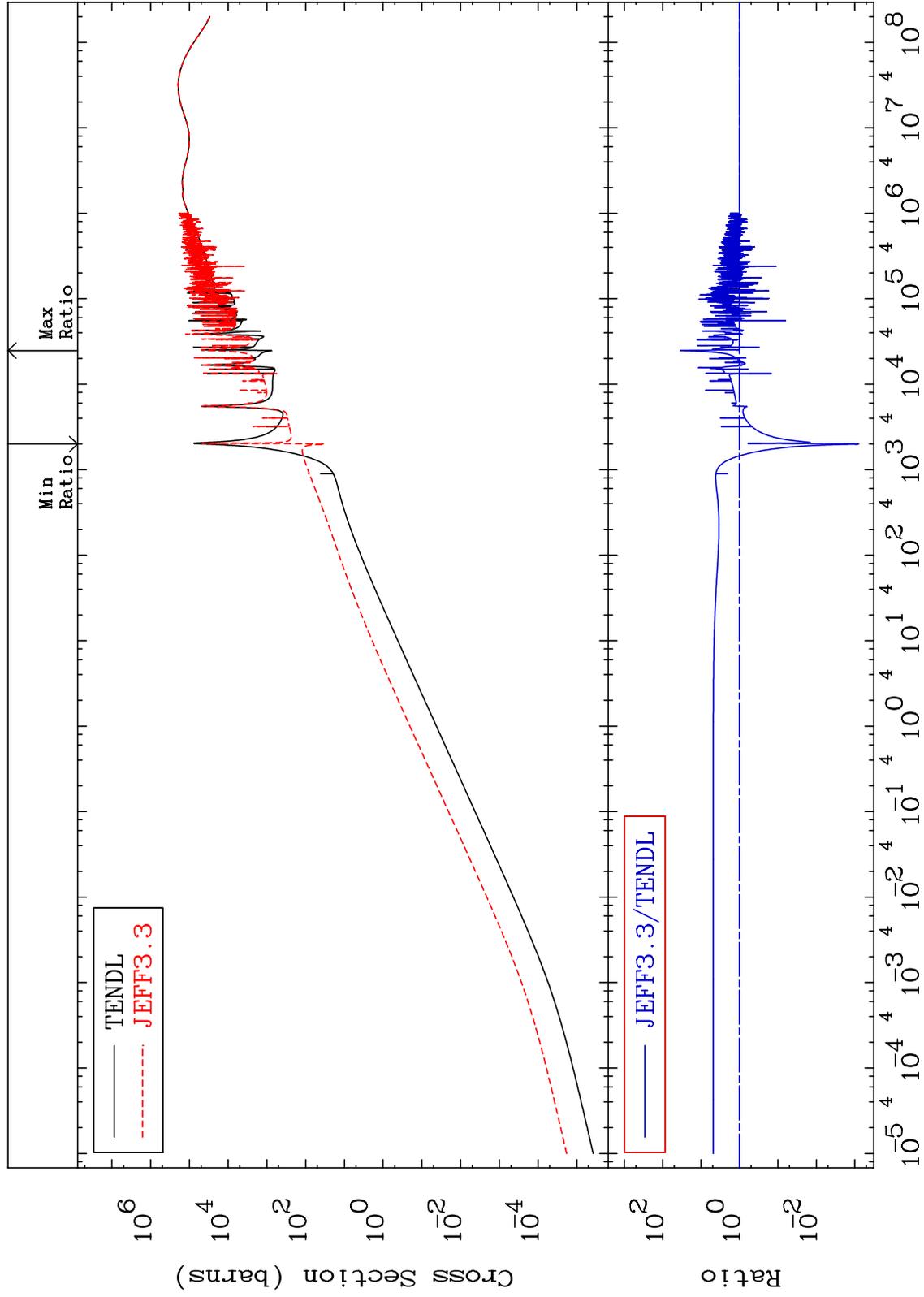
Incident Energy (eV)

19-K -41

MAT 1931

Kerma elastic
Cross Section

19-K -41
-99.92 To 3363. %



68

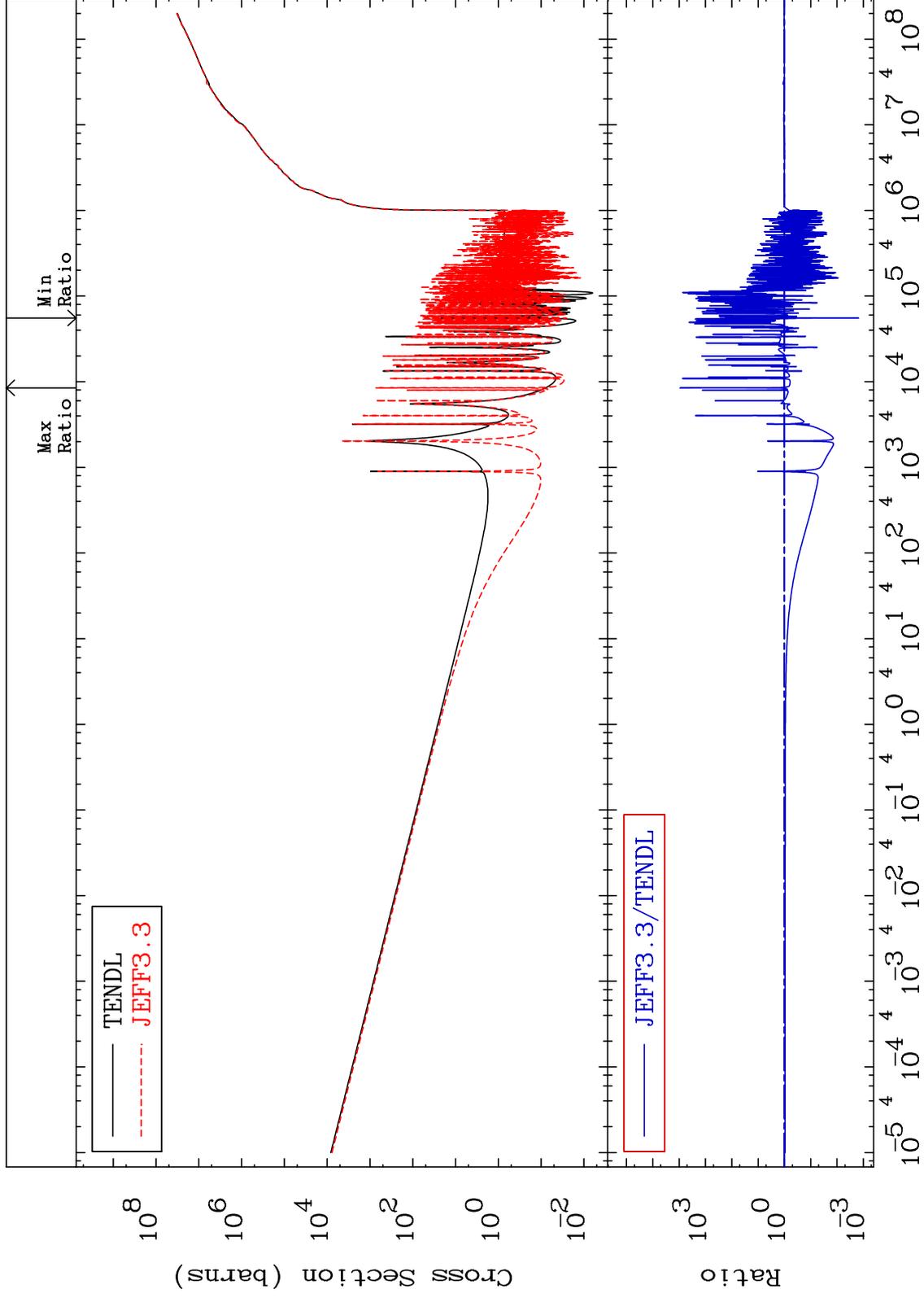
Incident Energy (eV)

19-K -41

MAT 1931

Kerma non-elastic (all but mt2)
Cross Section

19-K -41
-99.85 To 9999. %



69

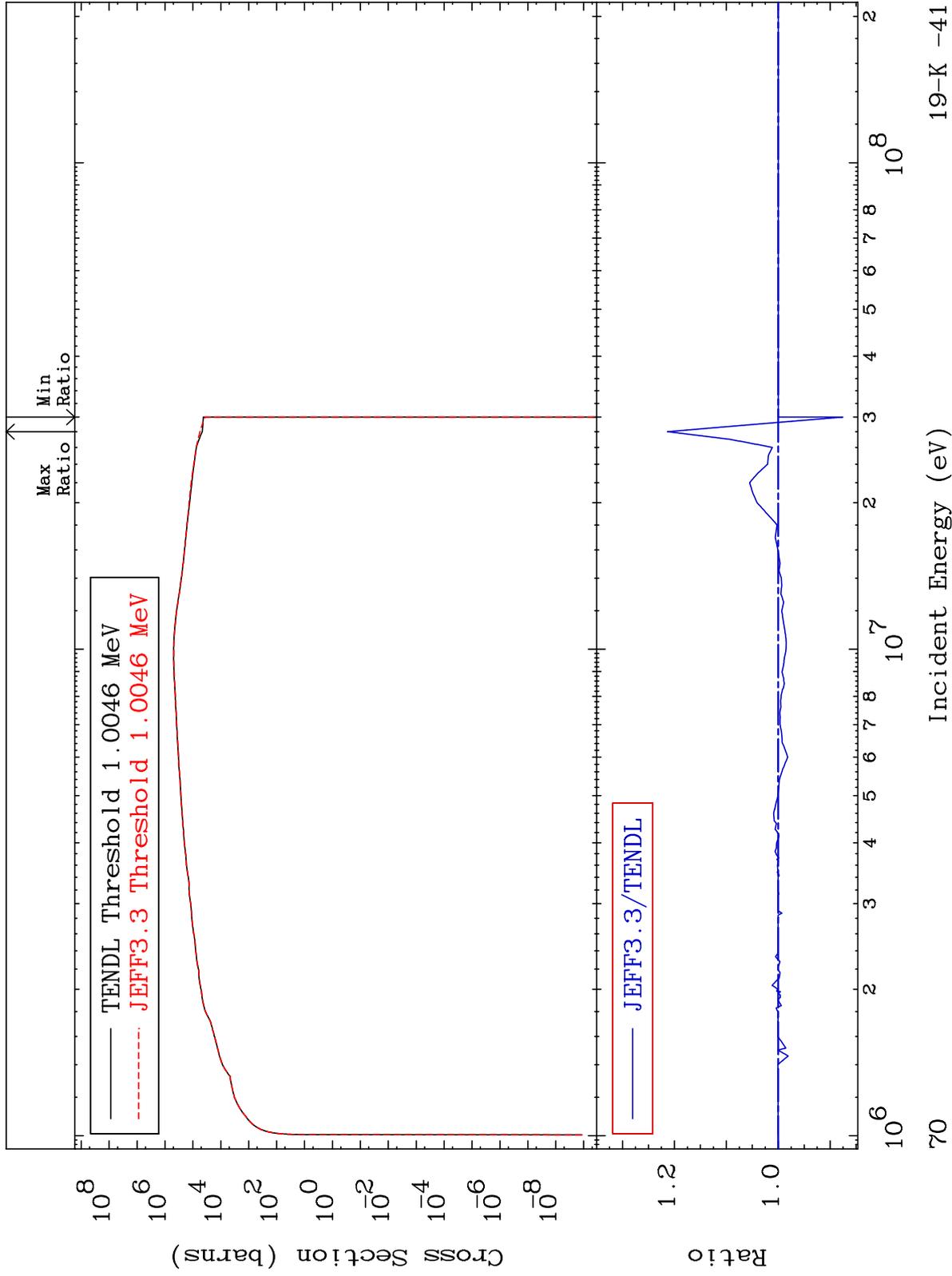
Incident Energy (eV)

19-K -41

MAT 1931

Kerma inelastic (mt51-91)
Cross Section

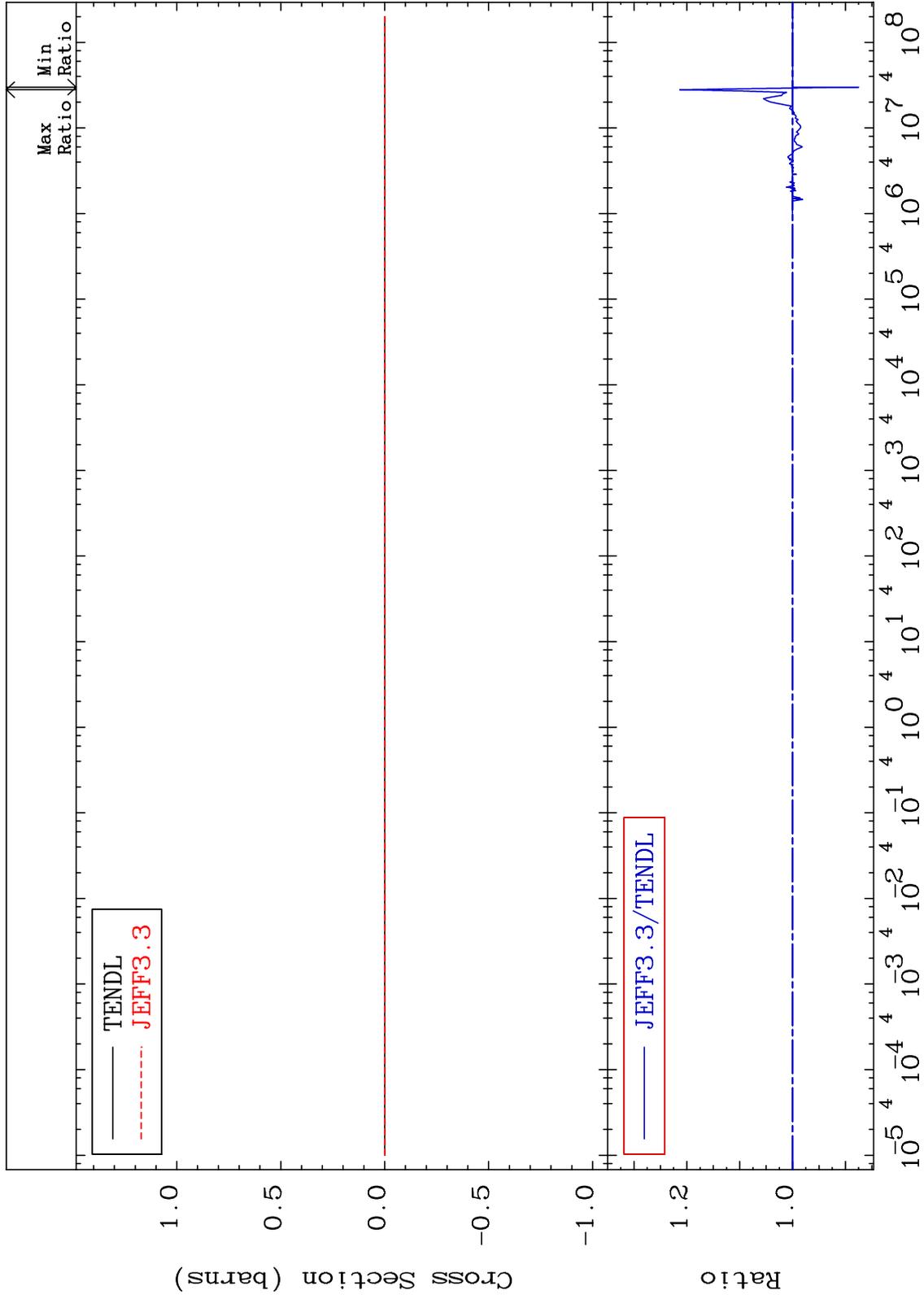
19-K -41
-12.45 To 21.31 %



MAT 1931

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

19-K -41
-12.45 To 21.31 %



71

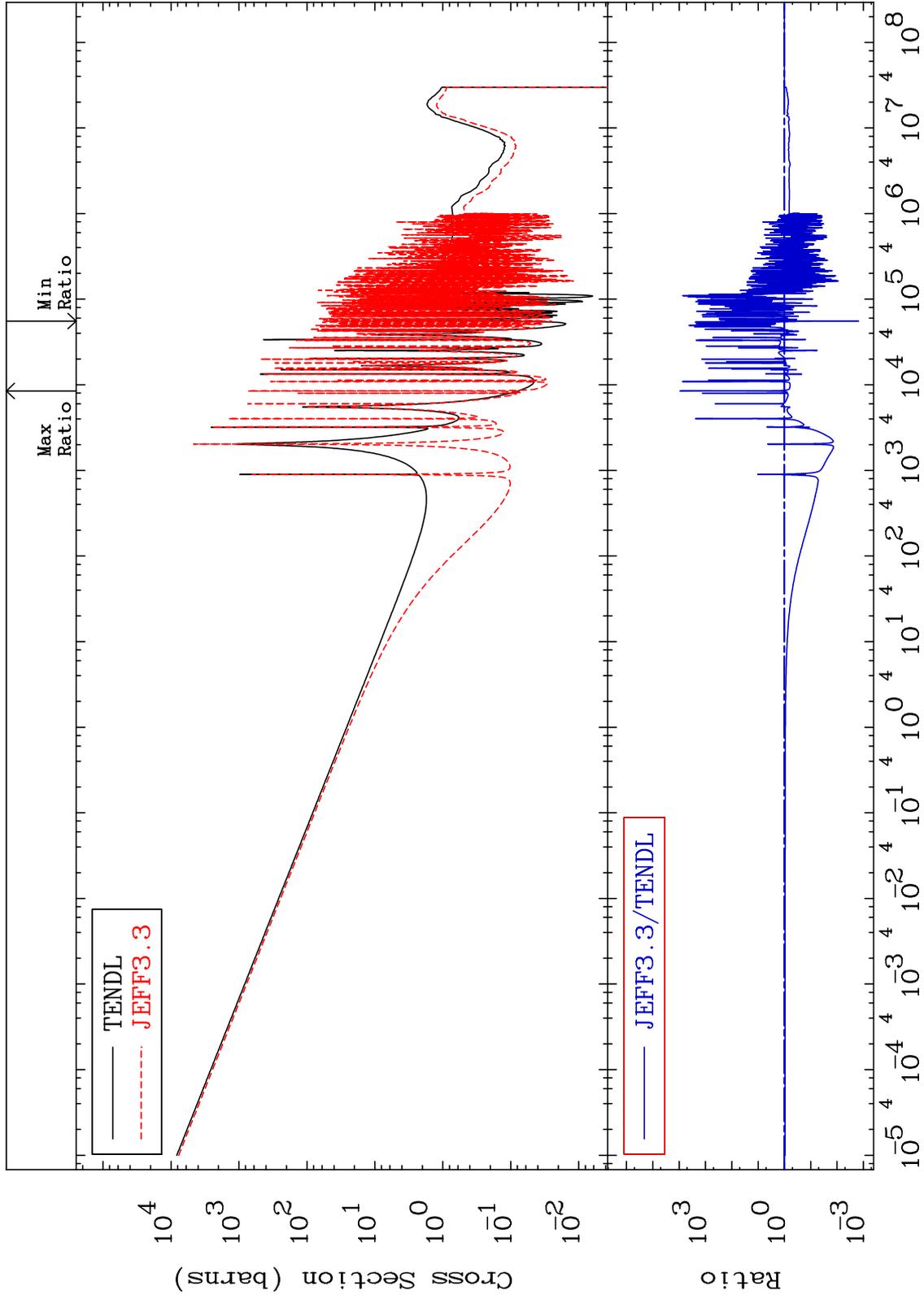
Incident Energy (eV)

19-K -41

MAT 1931

Kerma capture (mt102)
Cross Section

19-K -41
-99.85 To 9999. %



72

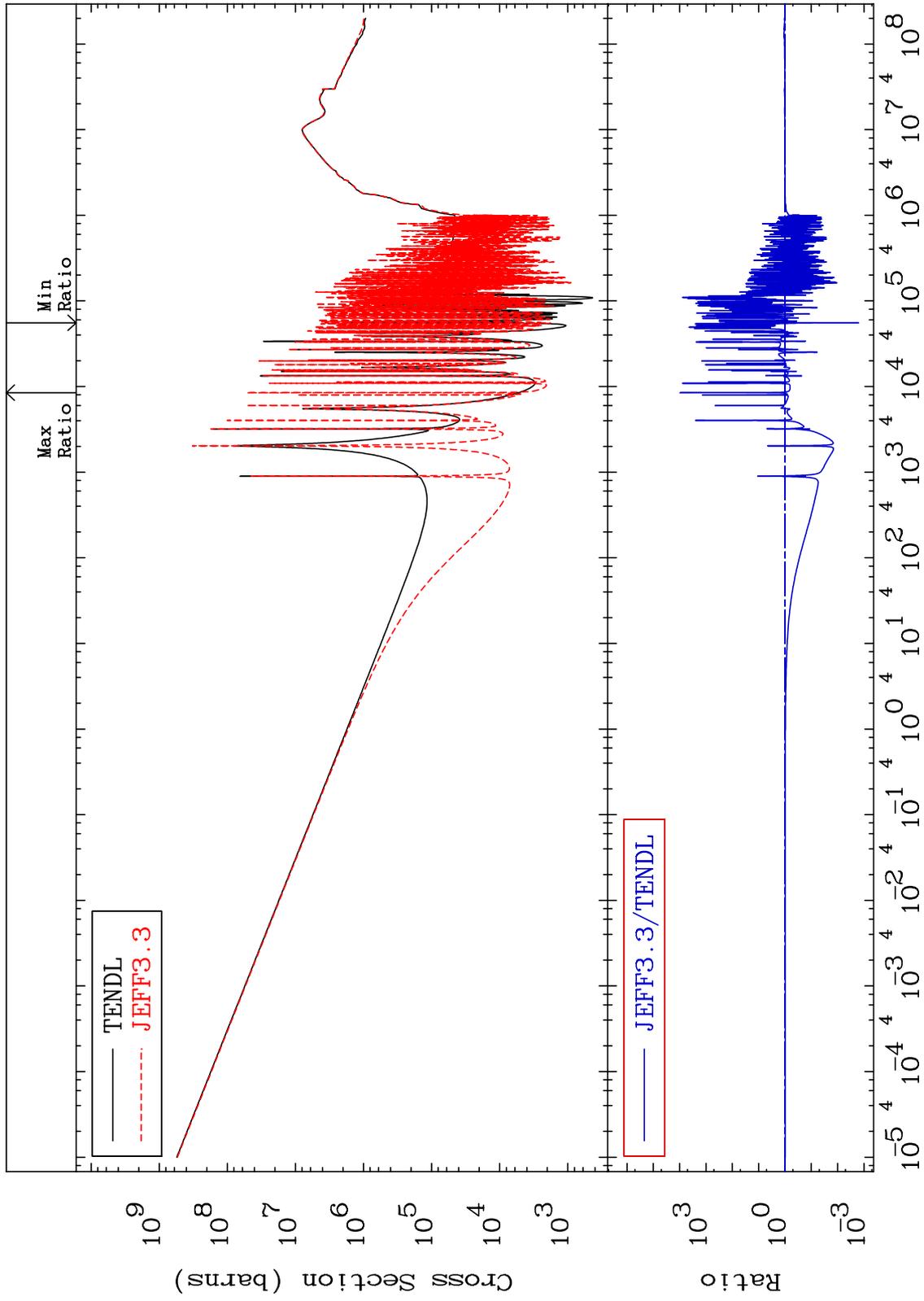
Incident Energy (eV)

19-K -41

MAT 1931

Total photon (eV-barns)
Cross Section

19-K -41
-99.84 To 9999. %



73

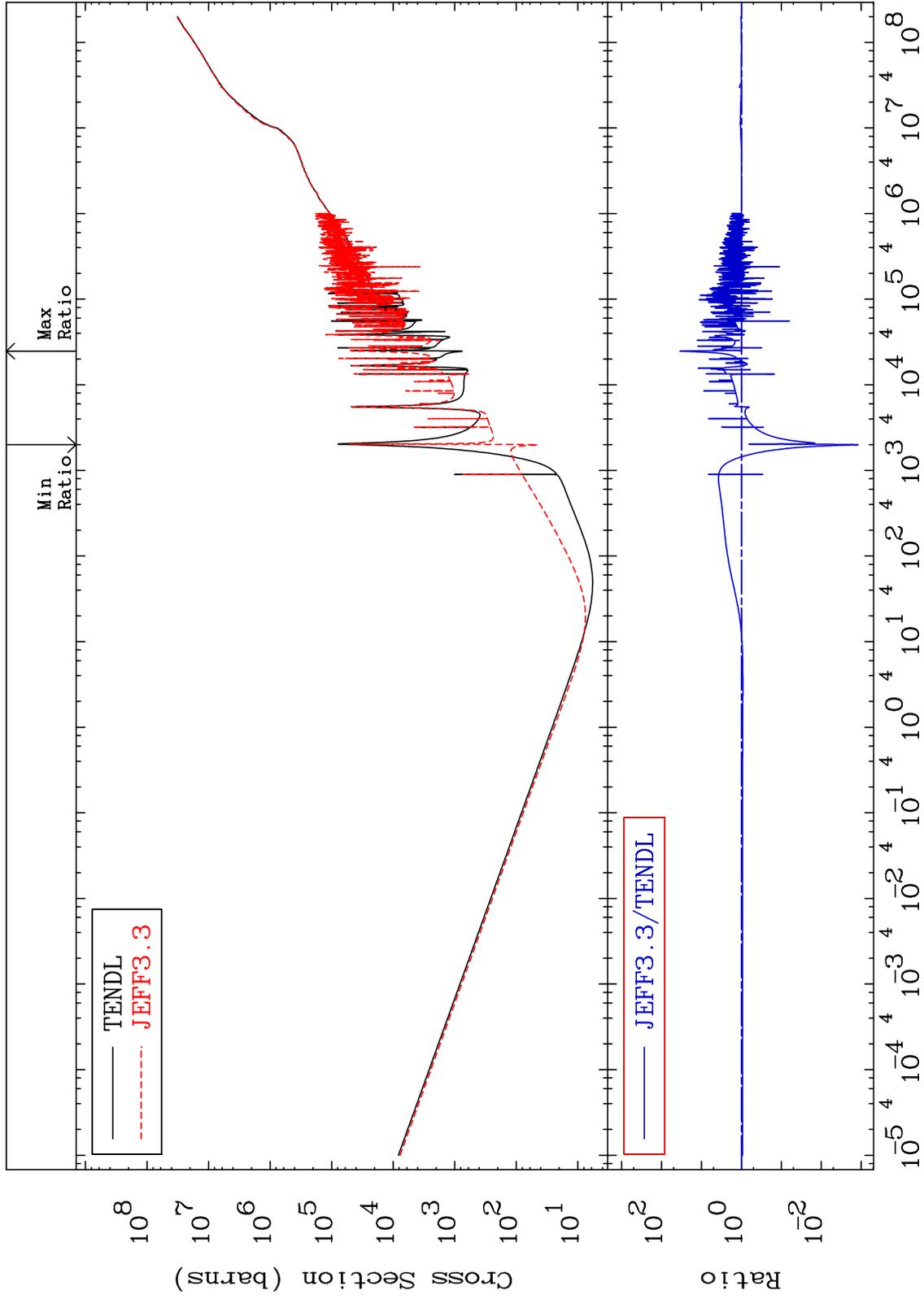
Incident Energy (eV)

19-K -41

MAT 1931

Total kinematic kerma (high limit)
Cross Section

19-K -41
-99.88 To 3357. %



74

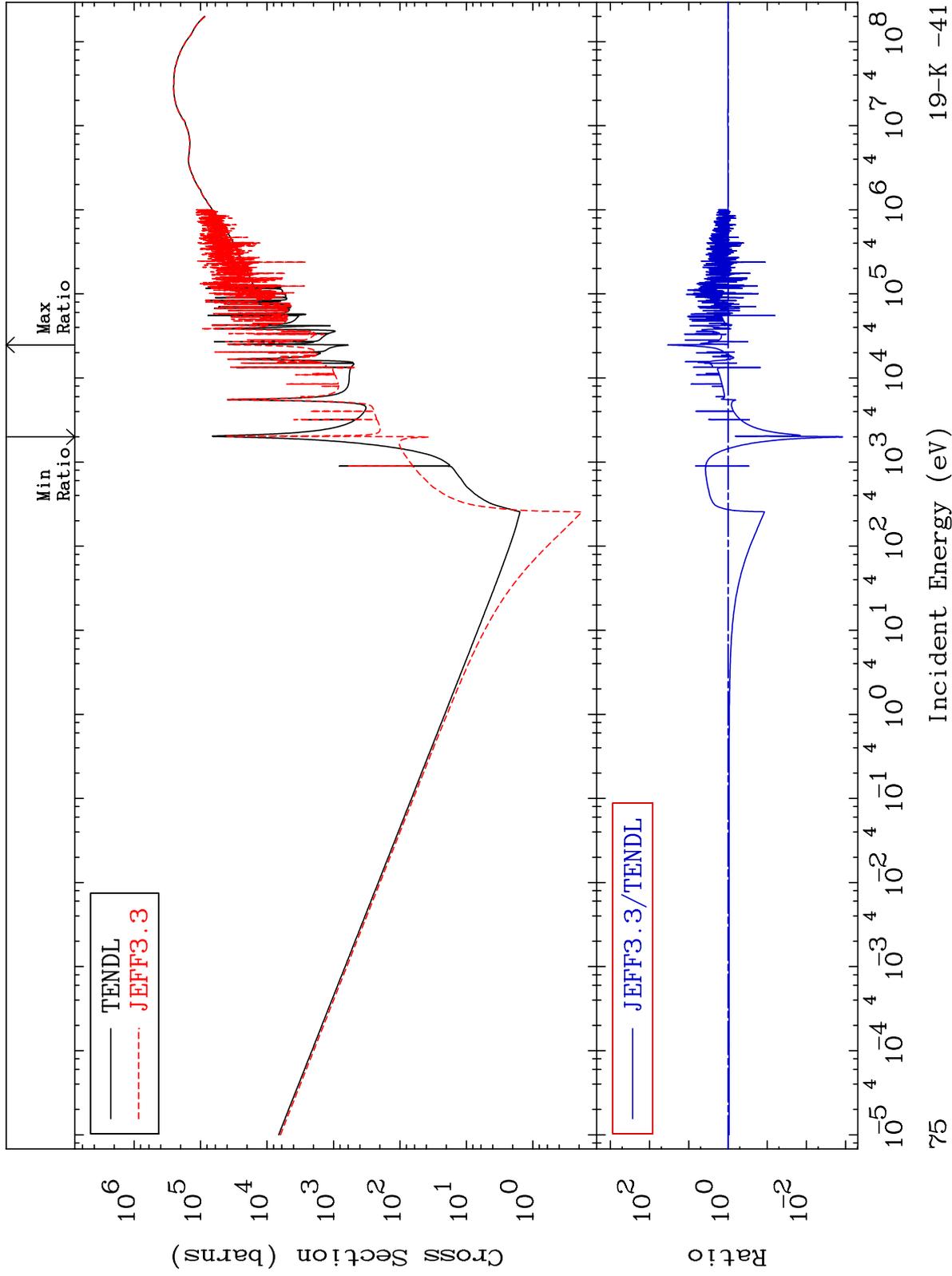
Incident Energy (eV)

19-K -41

MAT 1931

Dpa total (eV-barns)
Cross Section

19-K -41
-99.88 To 3357. %



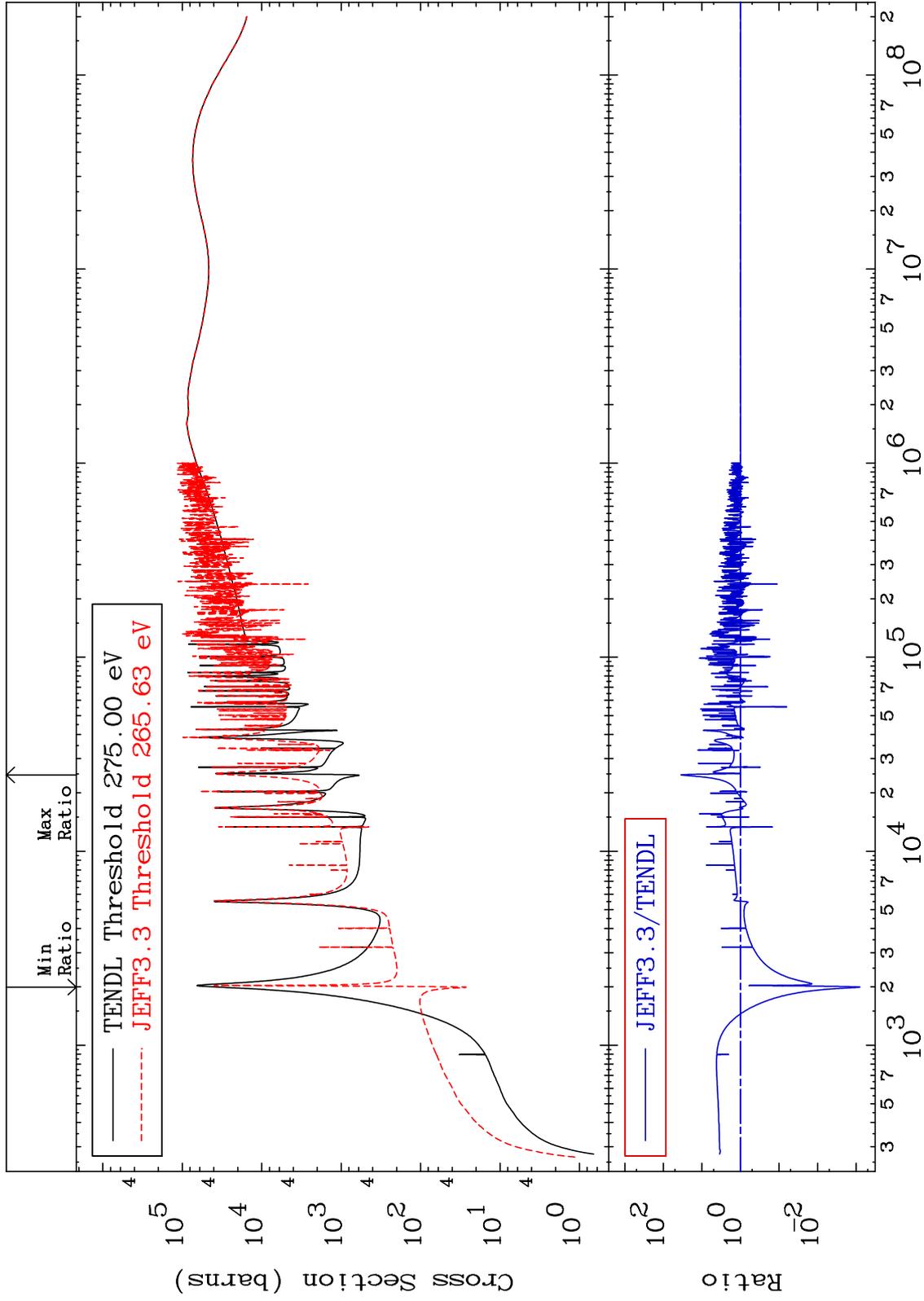
75

19-K -41

MAT 1931

Dpa elastic (mt2)
Cross Section

19-K -41
-99.92 To 3363. %



76

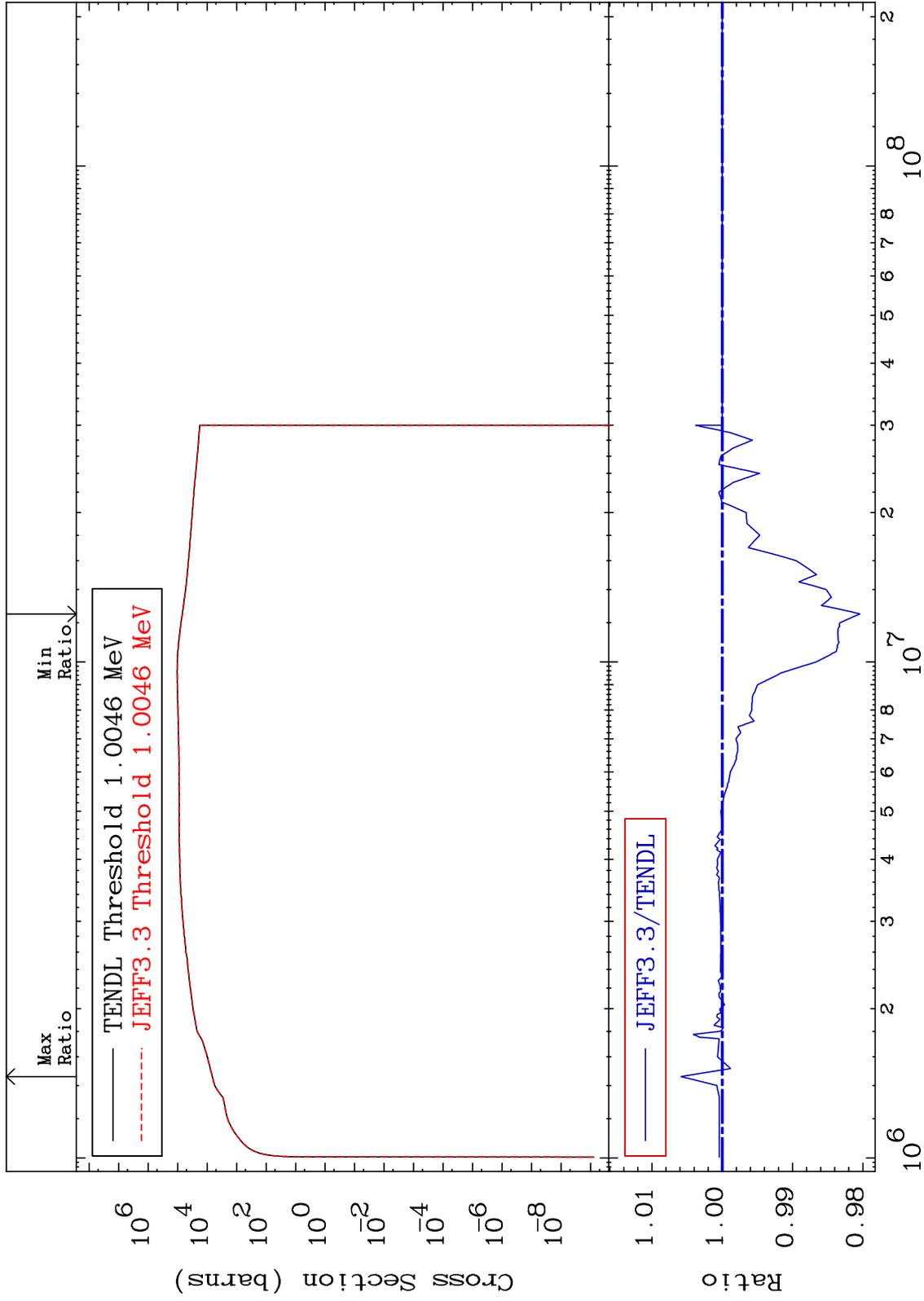
Incident Energy (eV)

19-K -41

MAT 1931

Dpa inelastic (mt51-91)
Cross Section

19-K -41
-1.958 To 0.585 %



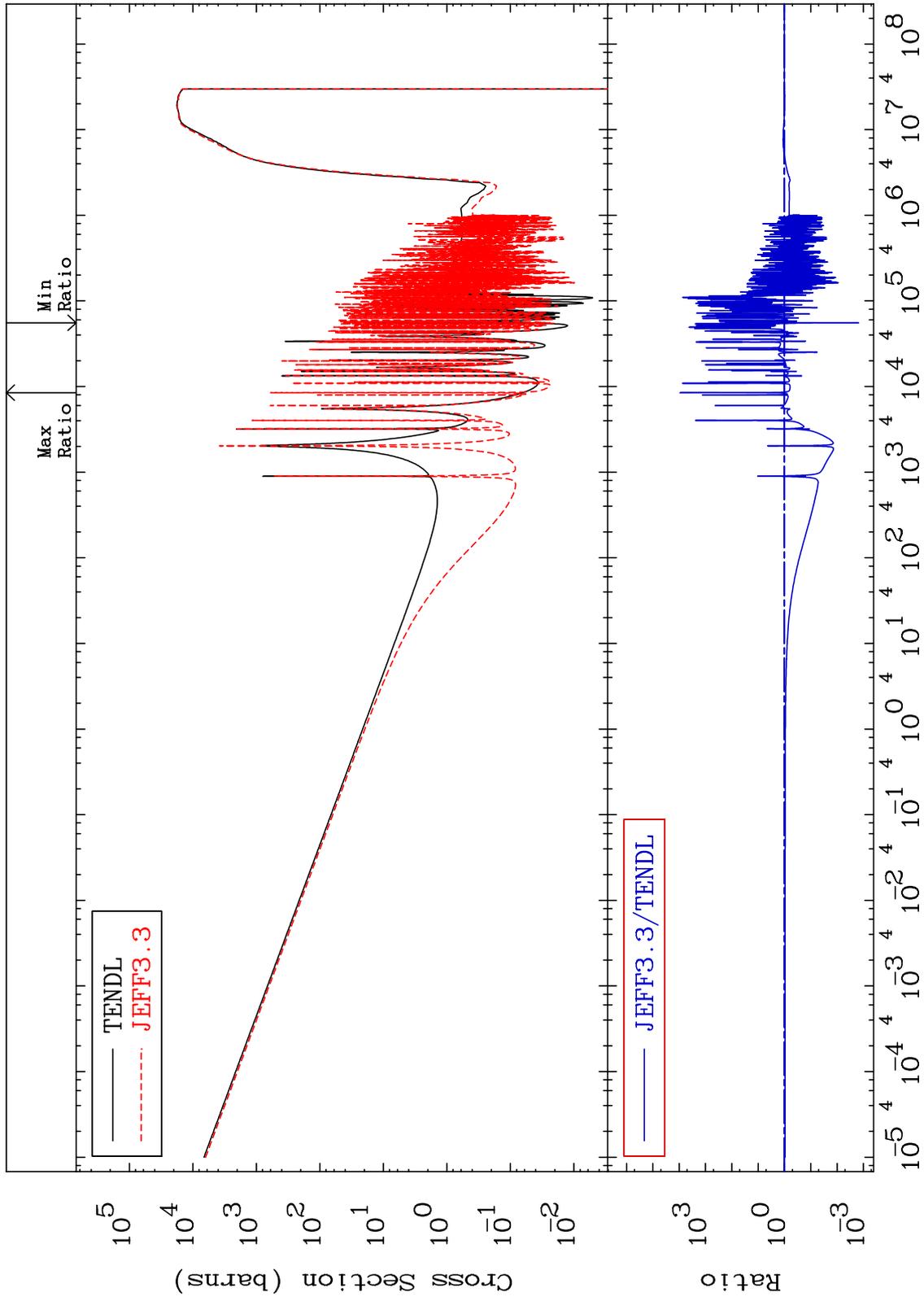
19-K -41

77

MAT 1931

Dpa disappearance (mt102 -120)
Cross Section

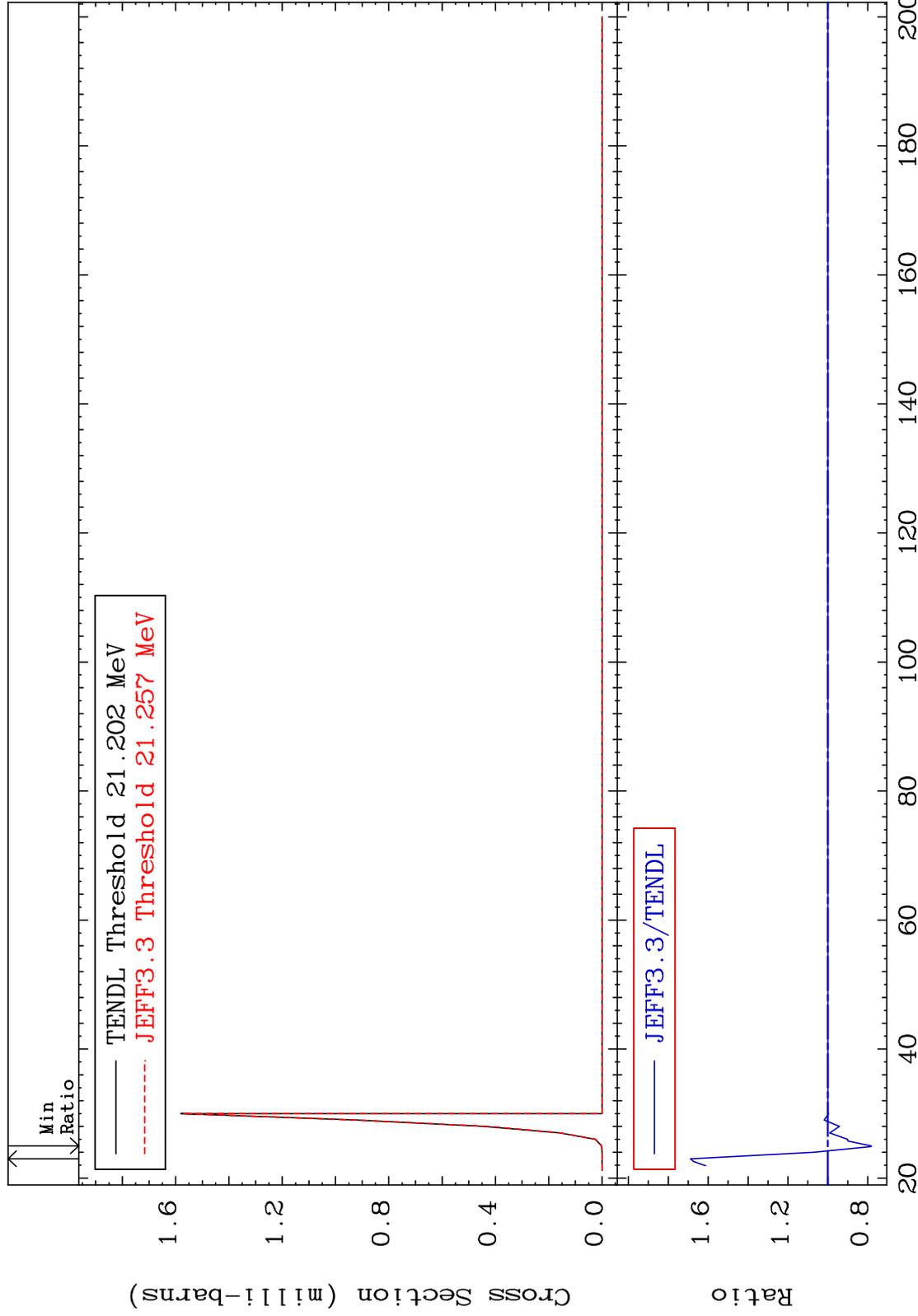
19-K -41
-99.84 To 9999. %



78

Incident Energy (eV)

19-K -41

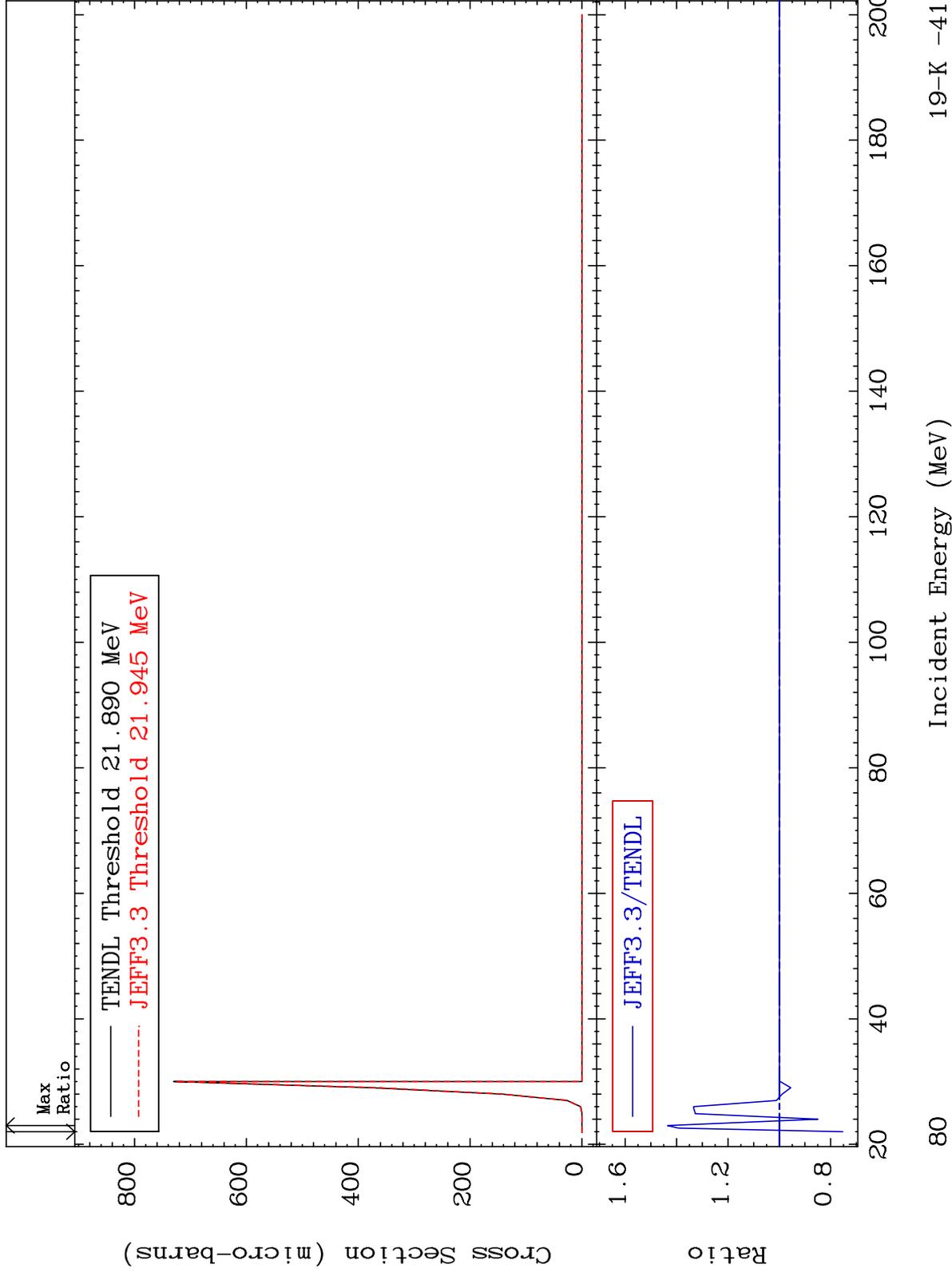


MAT 1931

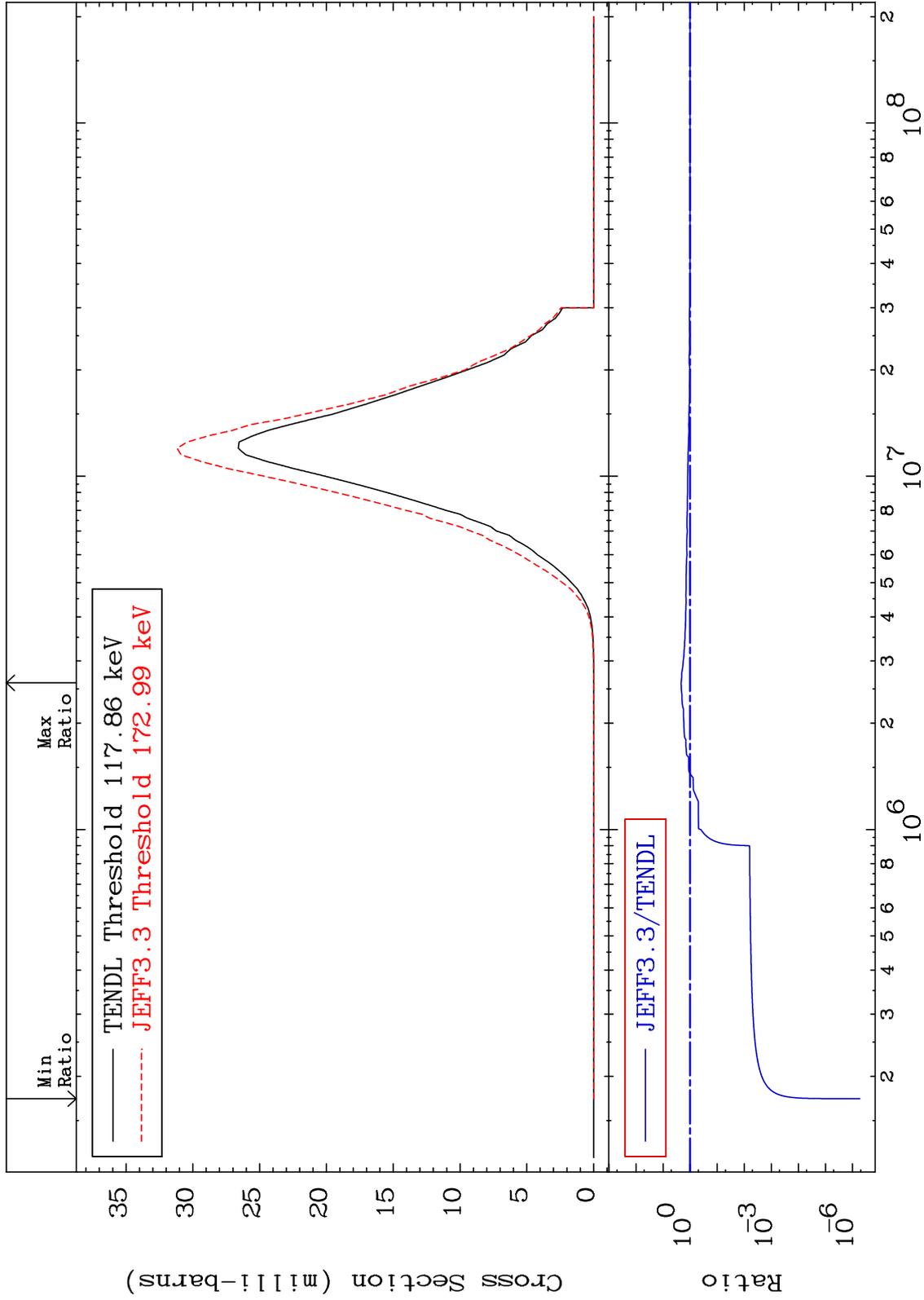
(n, n') He-3:17-Cl-38m1

19-K -41

Radionuclide Production Cross Section -24.74 To 43.47 %



Radionuclide Production Cross Section -100.0 To 115.0 %



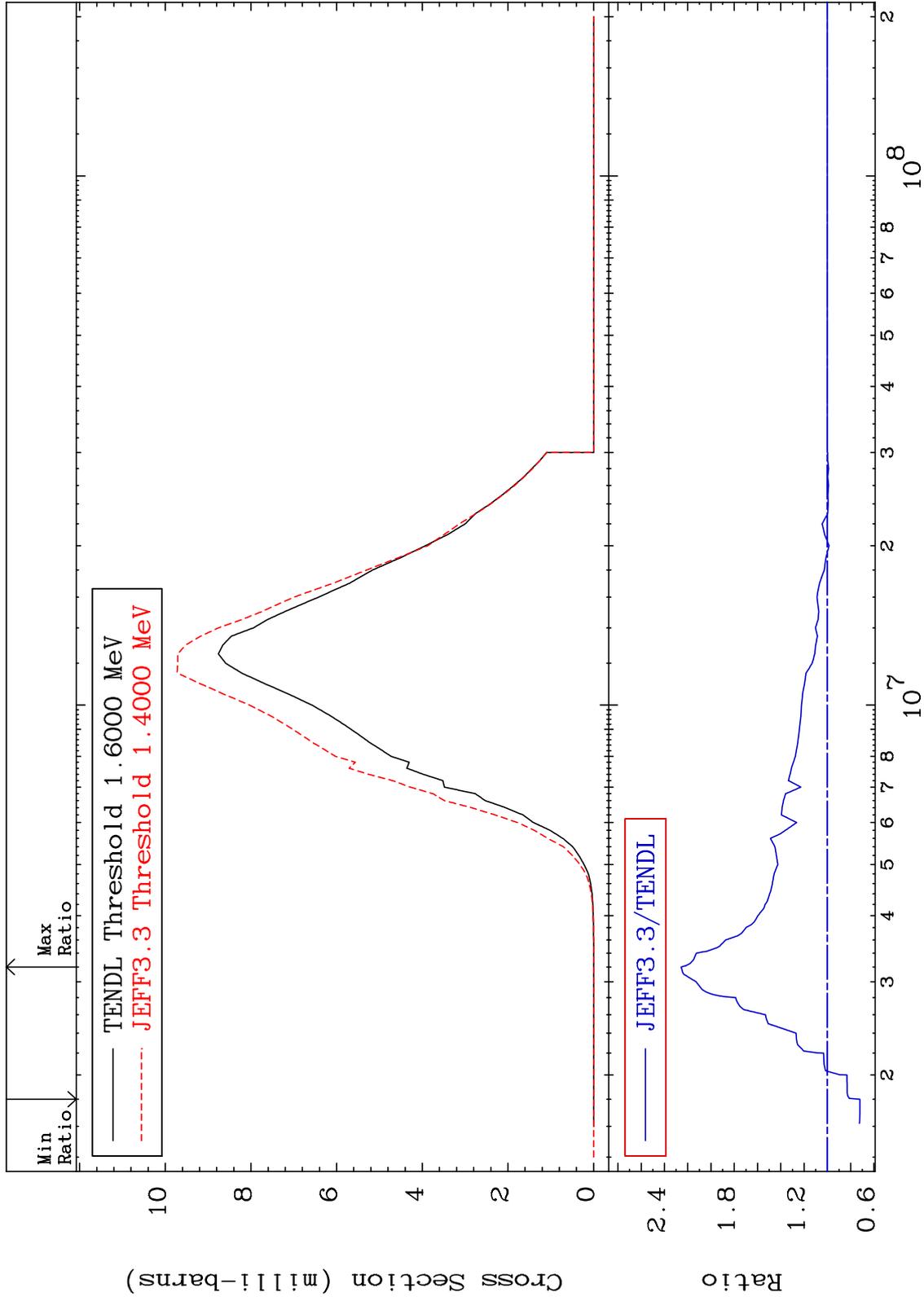
MAT 1931

(n, α): 17-Cl-38m1

19-K -41

Radionuclide Production Cross Section

-27.97 To 125.7 %

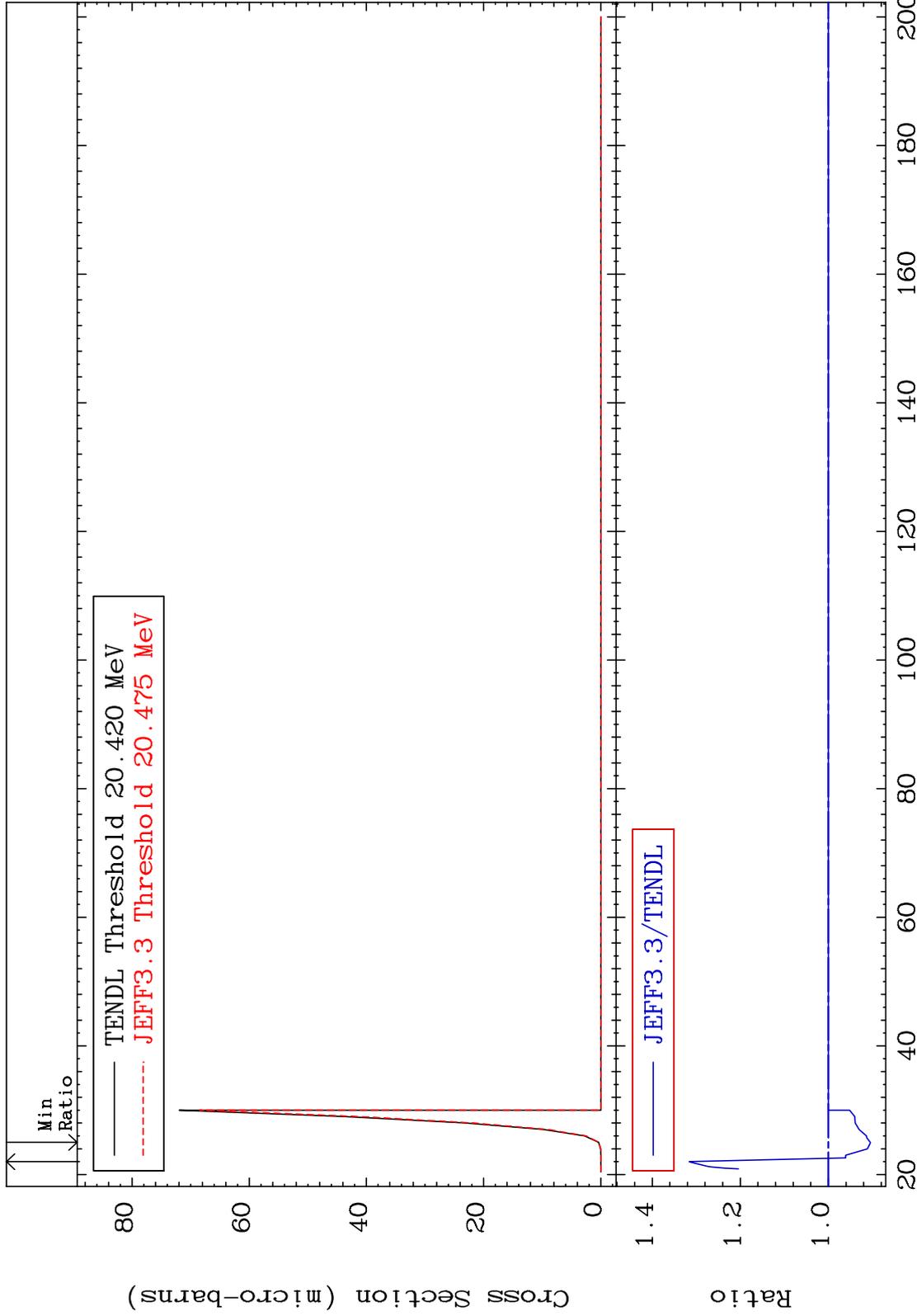


MAT 1931

19-K -41

(n,p) t:17-Cl-38g

Radionuclide Production Cross Section -9.504 To 31.57 %



83

Incident Energy (MeV)

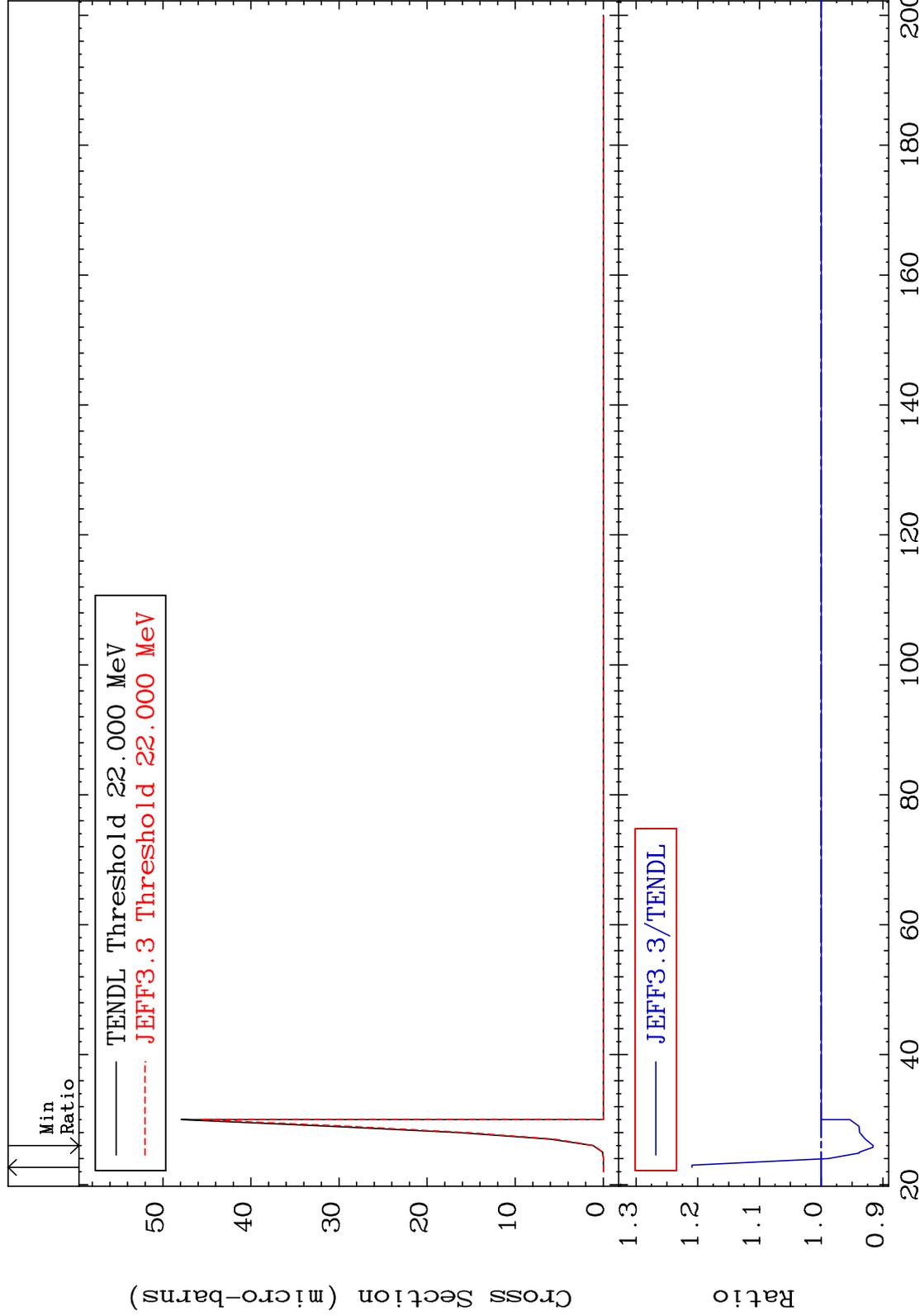
19-K -41

MAT 1931

(n, p) t: 17-Cl-38m1

19-K -41

Radionuclide Production Cross Section -8.421 To 20.93 %



84

Incident Energy (MeV)

19-K -41