

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

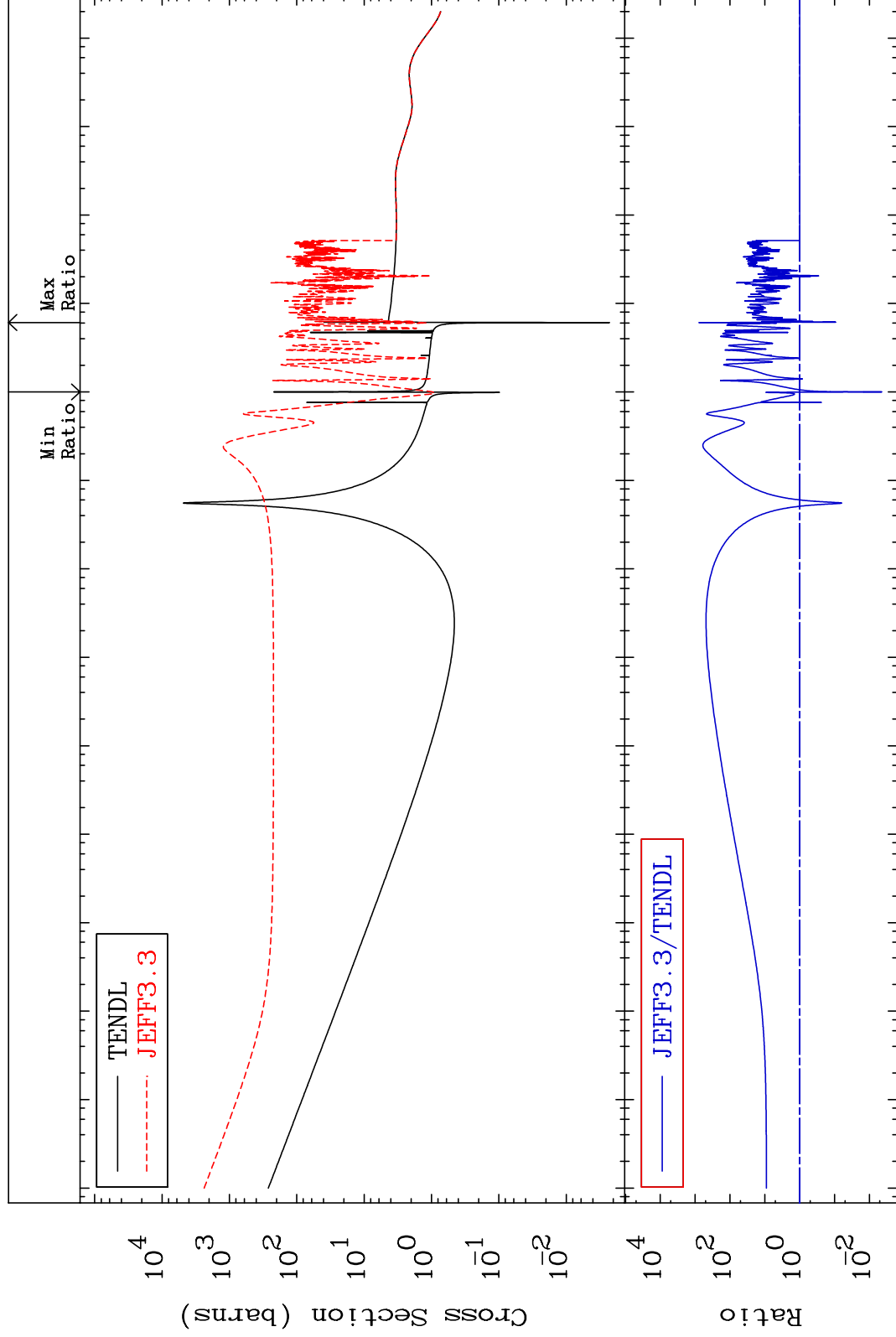
MAT 1825

Total

18-Ar-36

Cross Section

-99.55 To 9999. %



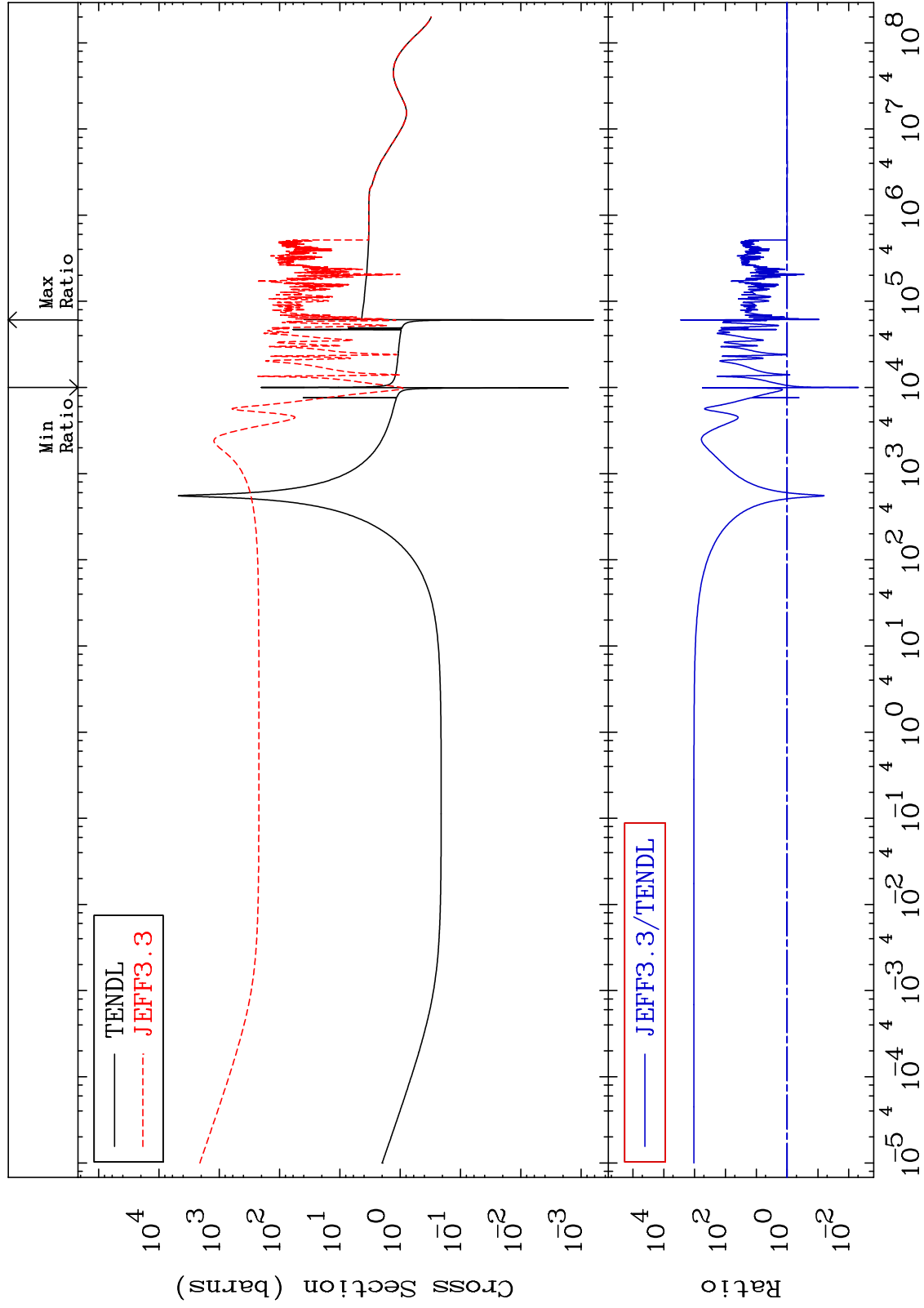
Incident Energy (eV)

18-Ar-36

MAT 1825

Elastic  
Cross Section

18-Ar-36  
-99.52 To 9999. %



Incident Energy (eV)

18-Ar-36

2

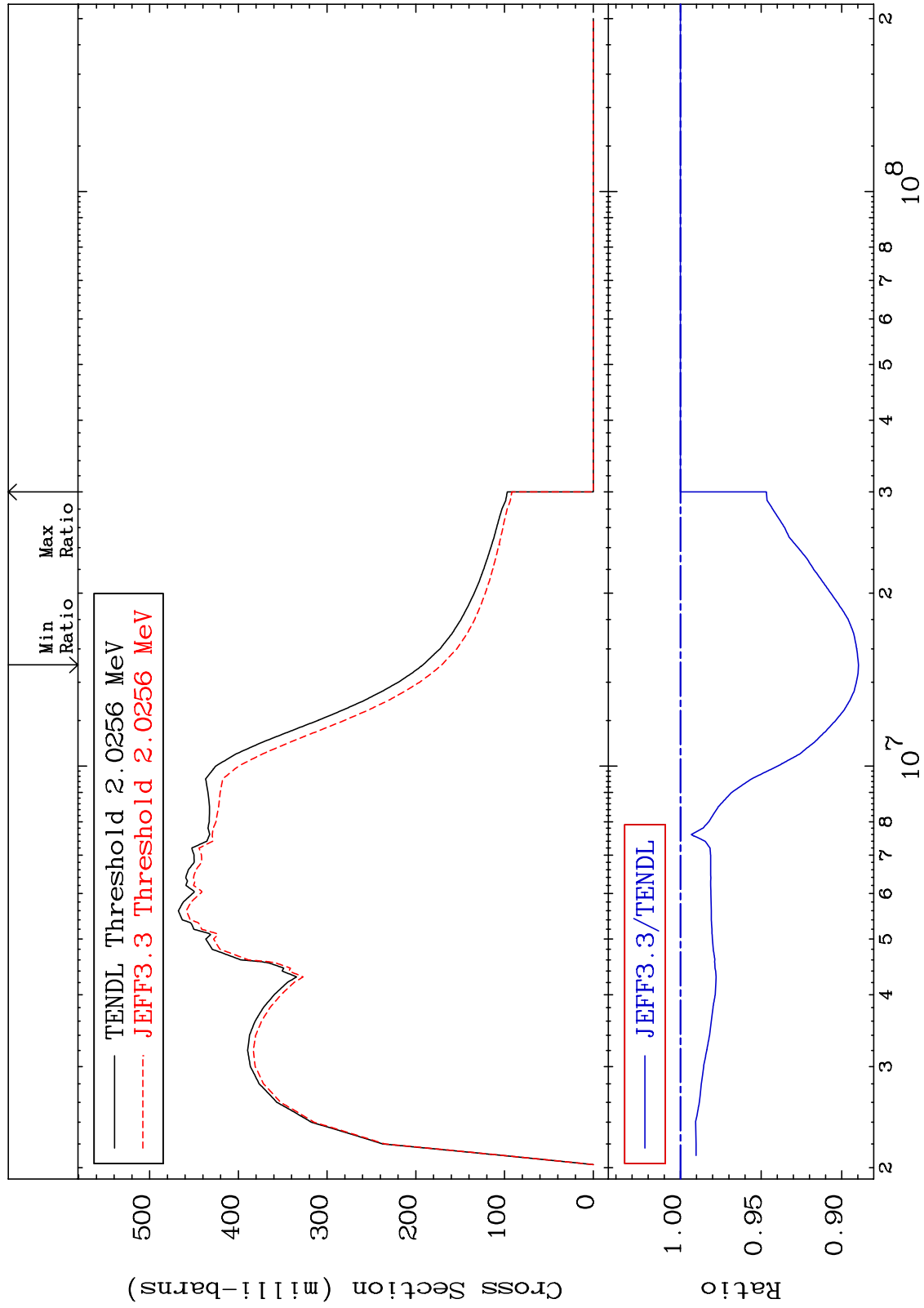
MAT 1825

18-Ar-36

-11.04 To 0.000 %

Inelastic

Cross Section



18-Ar-36

Incident Energy (eV)

3

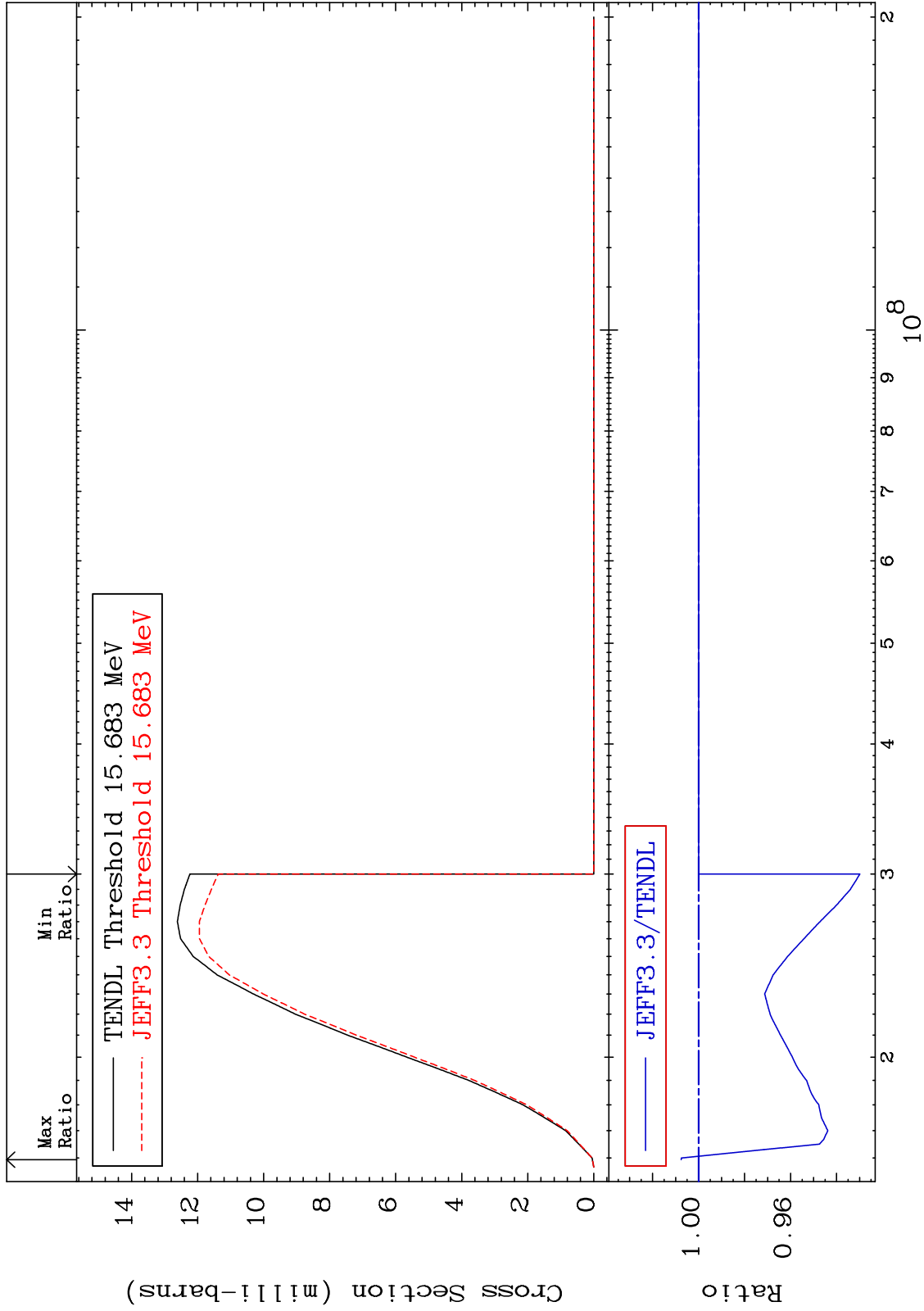
MAT 1825

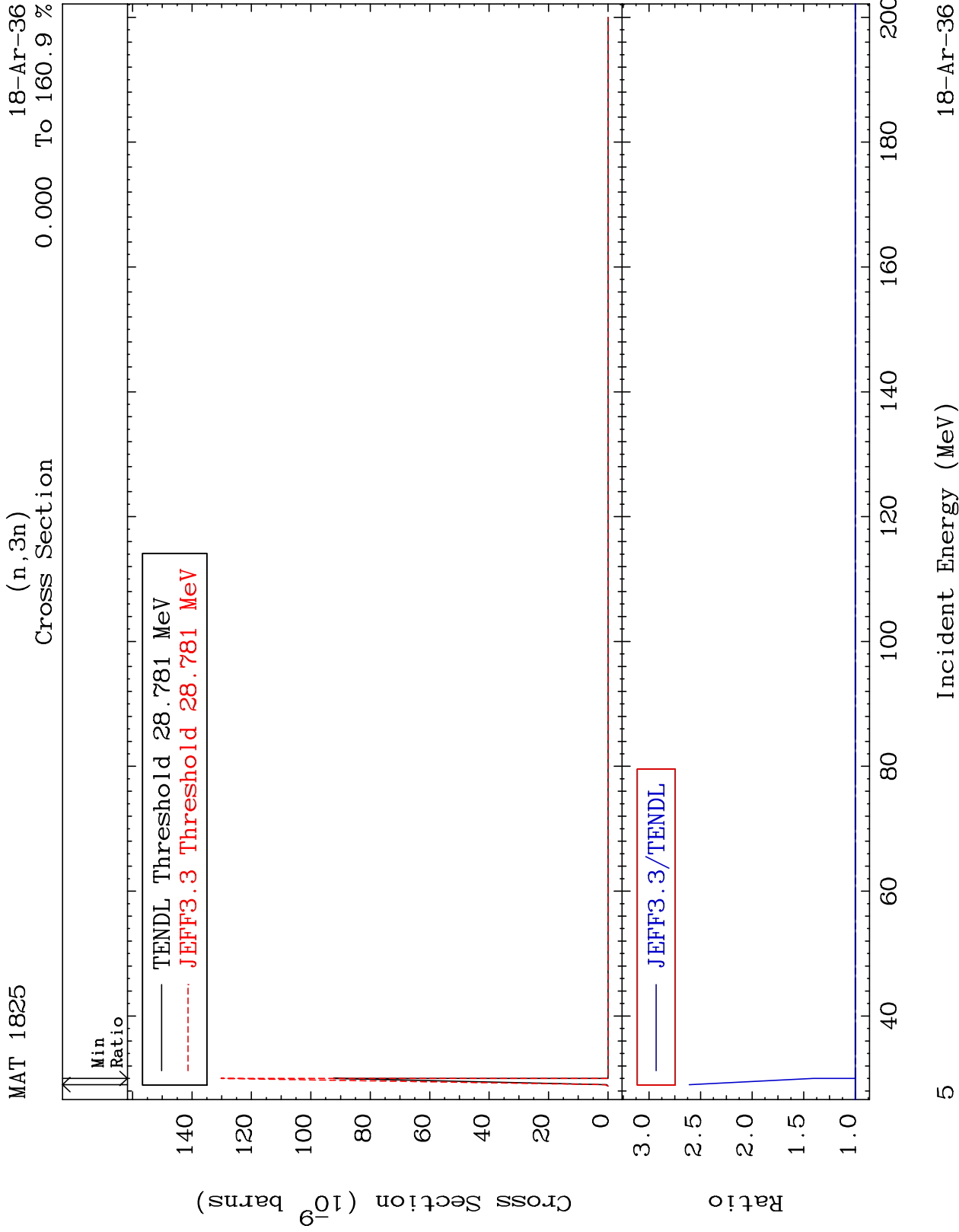
(n,2n)

18-Ar-36

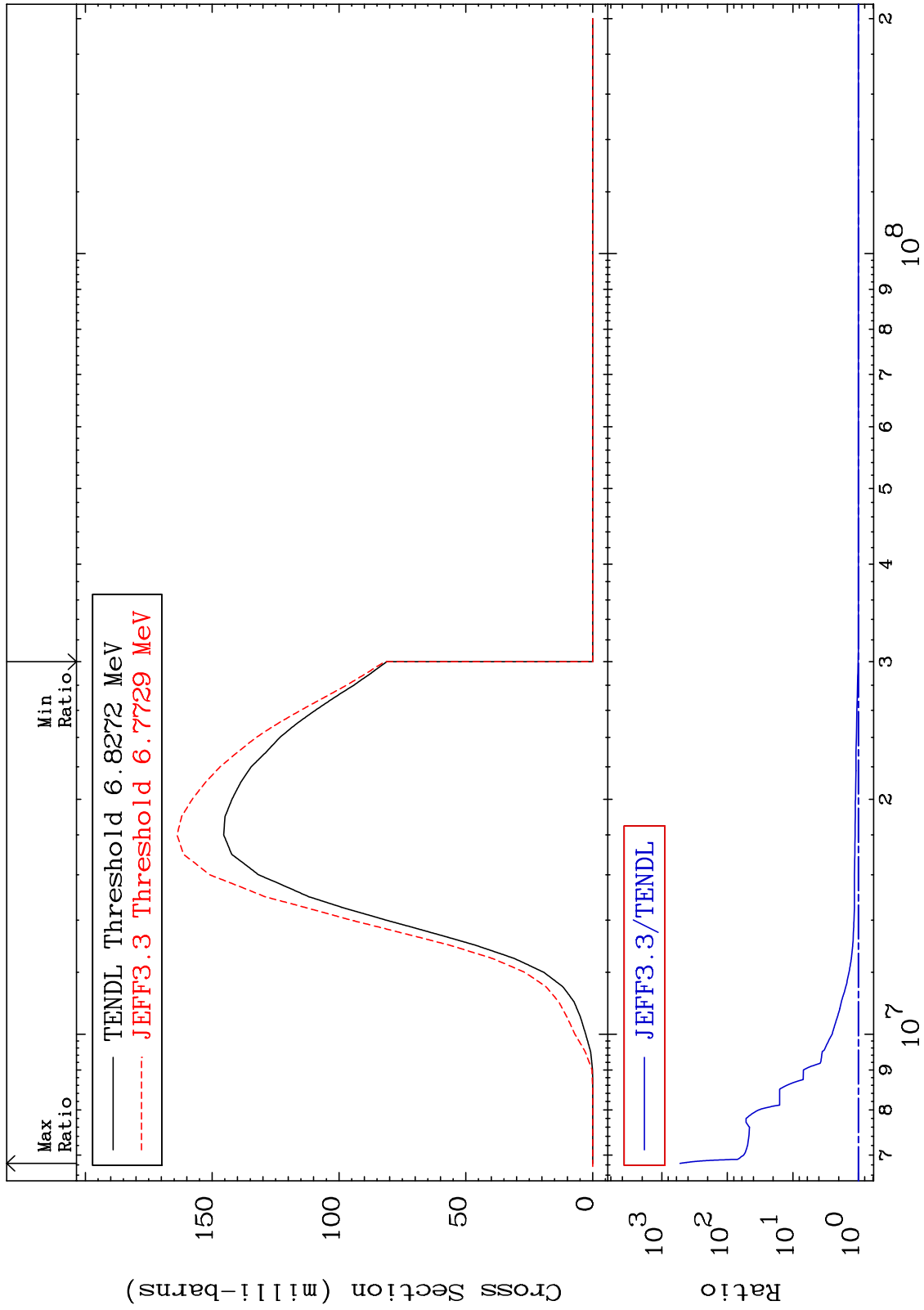
Cross Section

-7.014 To 0.757 %





MAT 1825  $(n, n') \alpha$  Cross Section 18-Ar-36 To 9999. %



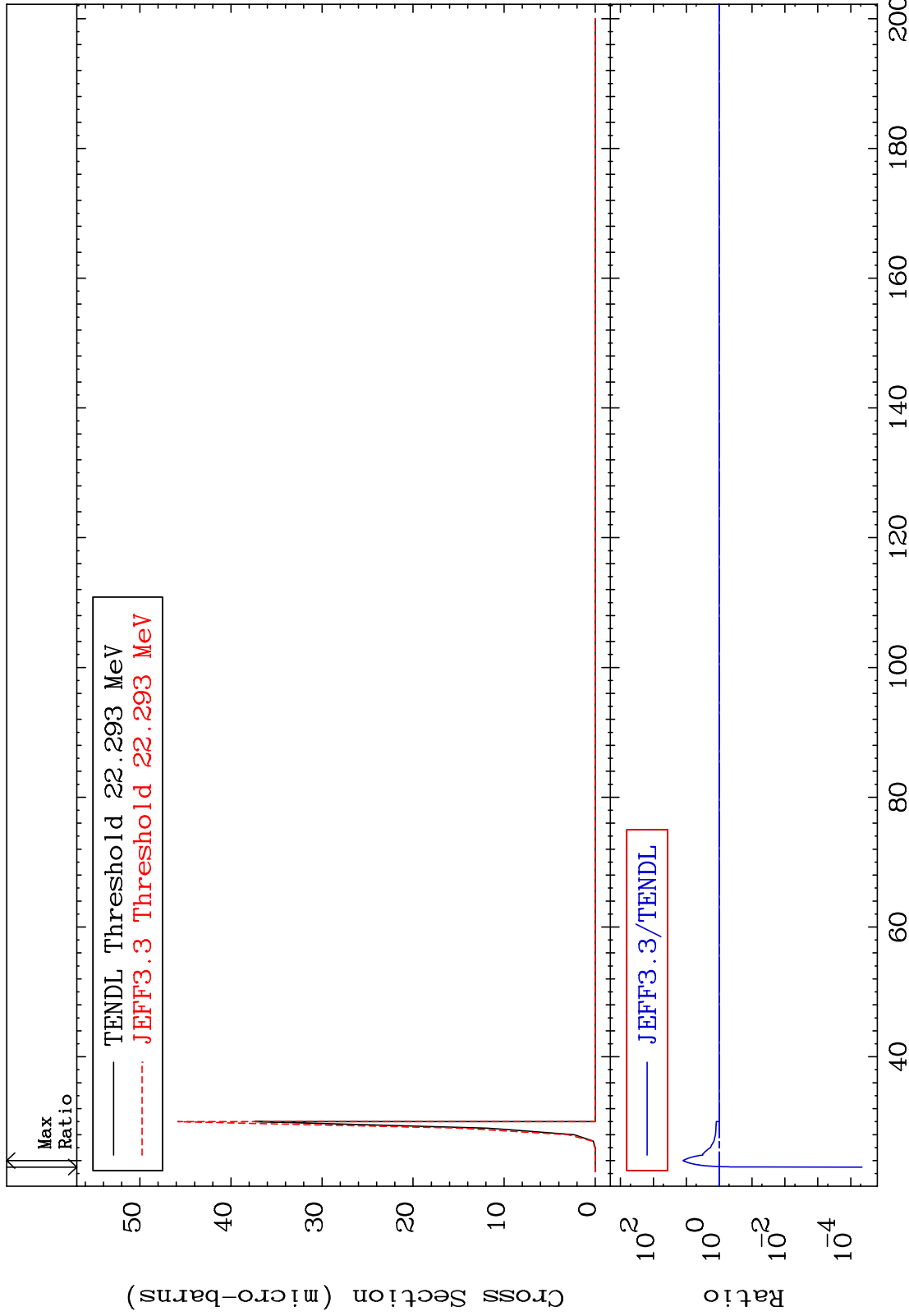
MAT 1825

(n,2n)  $\alpha$

18-Ar-36

Cross Section

-100.0 To 1167. %





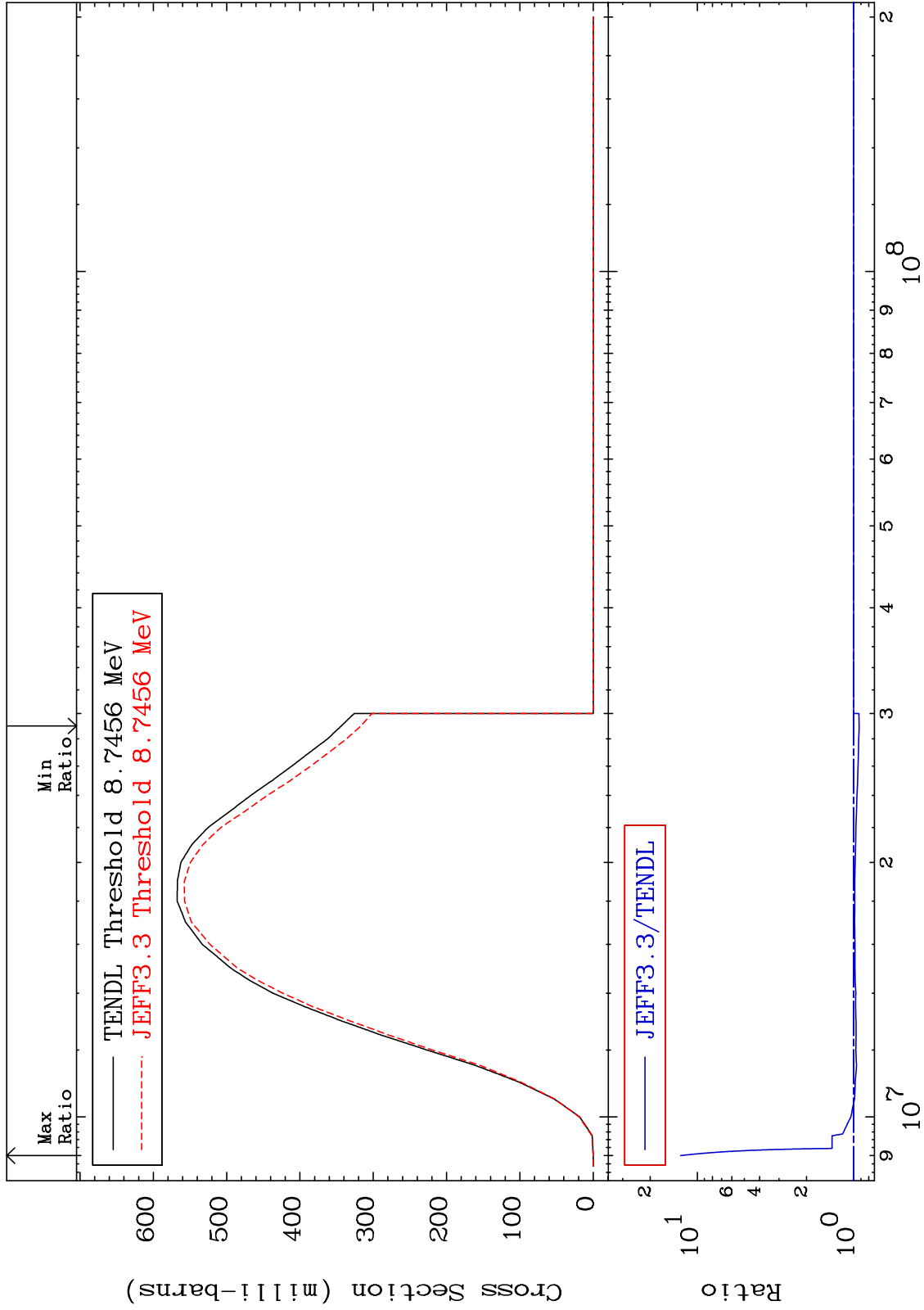
MAT 1825

(n,n') p

18-Ar-36

Cross Section

-7.801 To 1178. %



8

Incident Energy (eV)

18-Ar-36

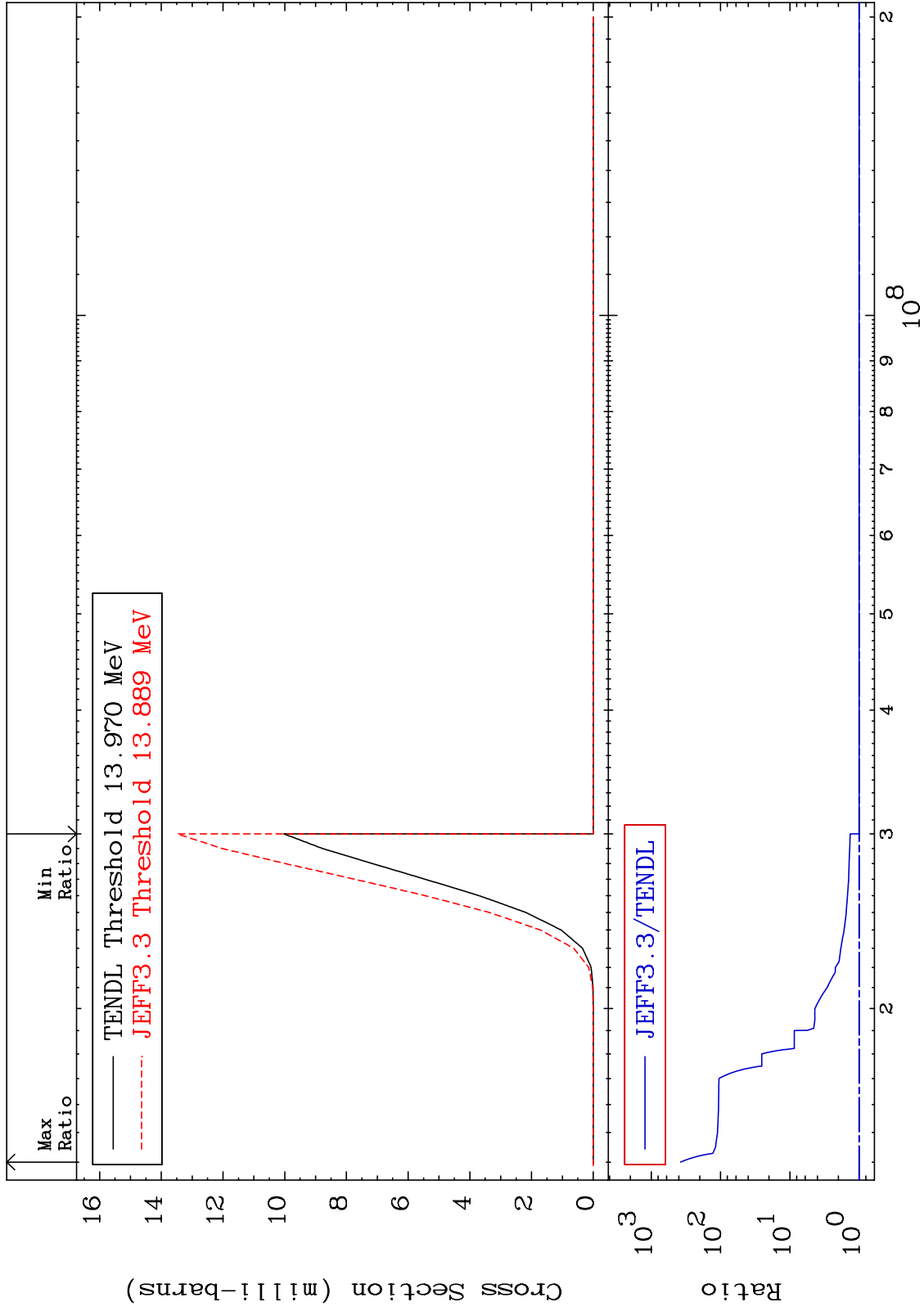
MAT 1825

(n,n')  $2\alpha$

18-Ar-36

Cross Section

0.000 To 9999. %



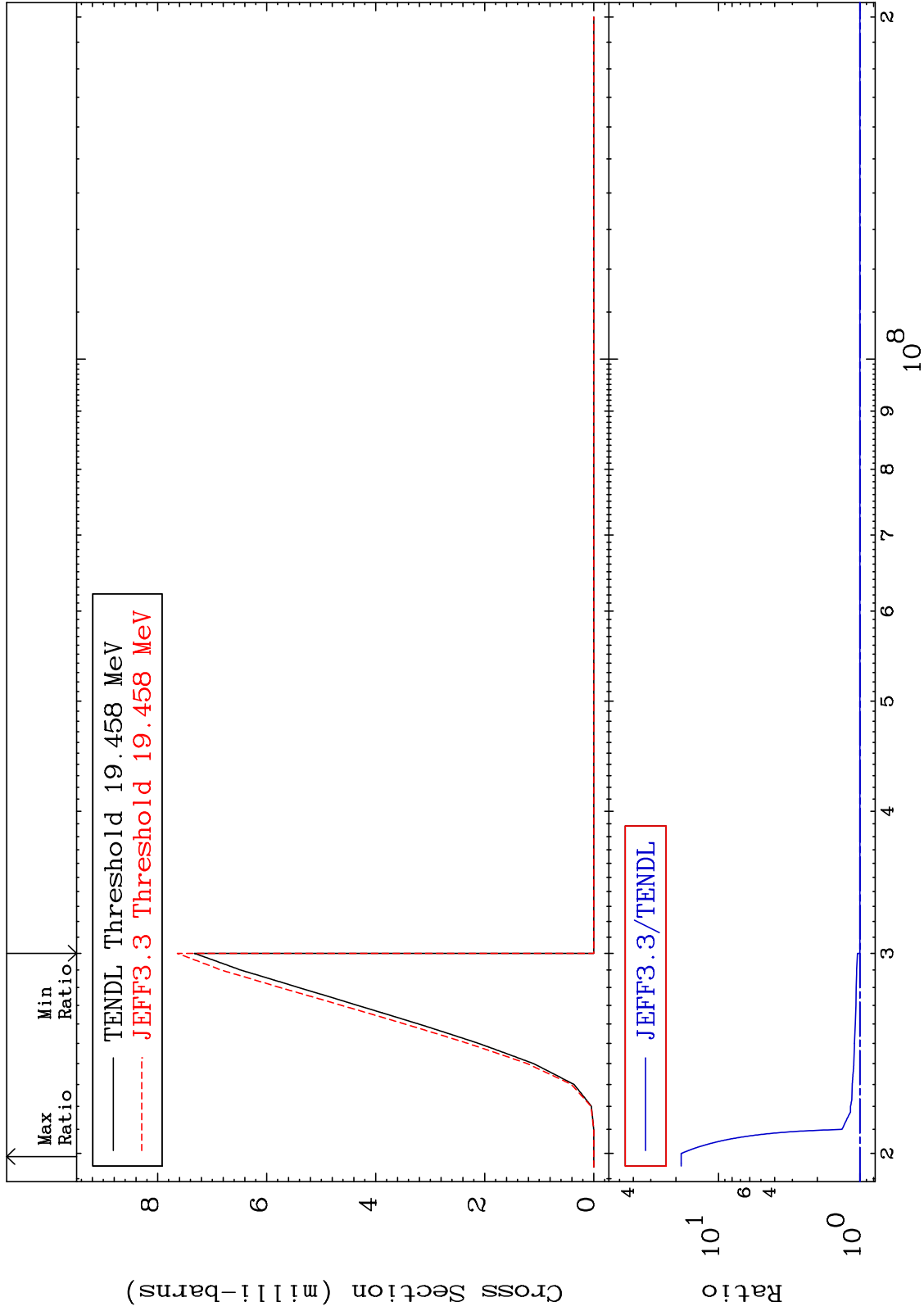
MAT 1825

(n, n') d

18-Ar-36

Cross Section

0.000 To 1731. %



10

Incident Energy (eV)

18-Ar-36

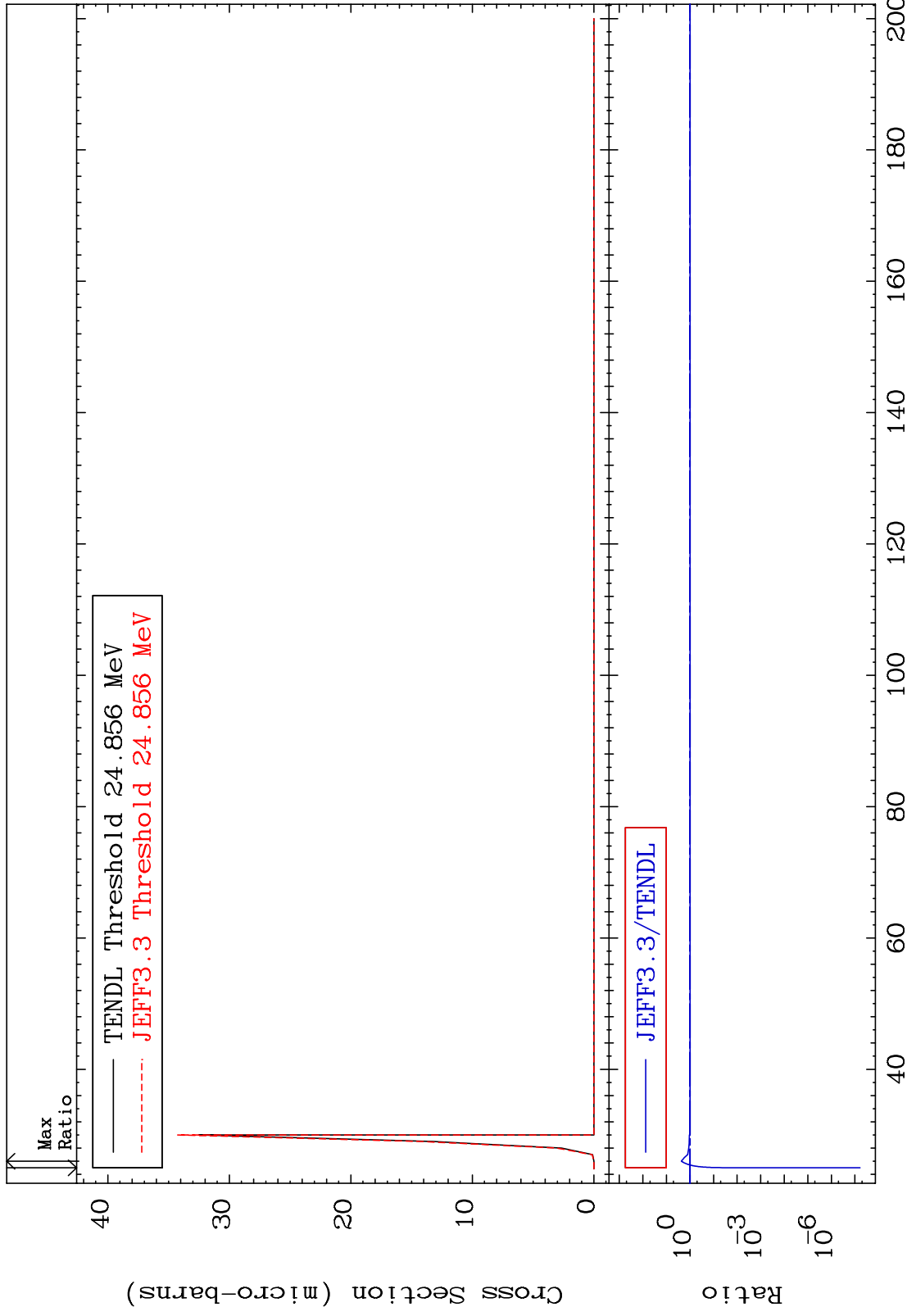
MAT 1825

(n, n') t

18-Ar-36

Cross Section

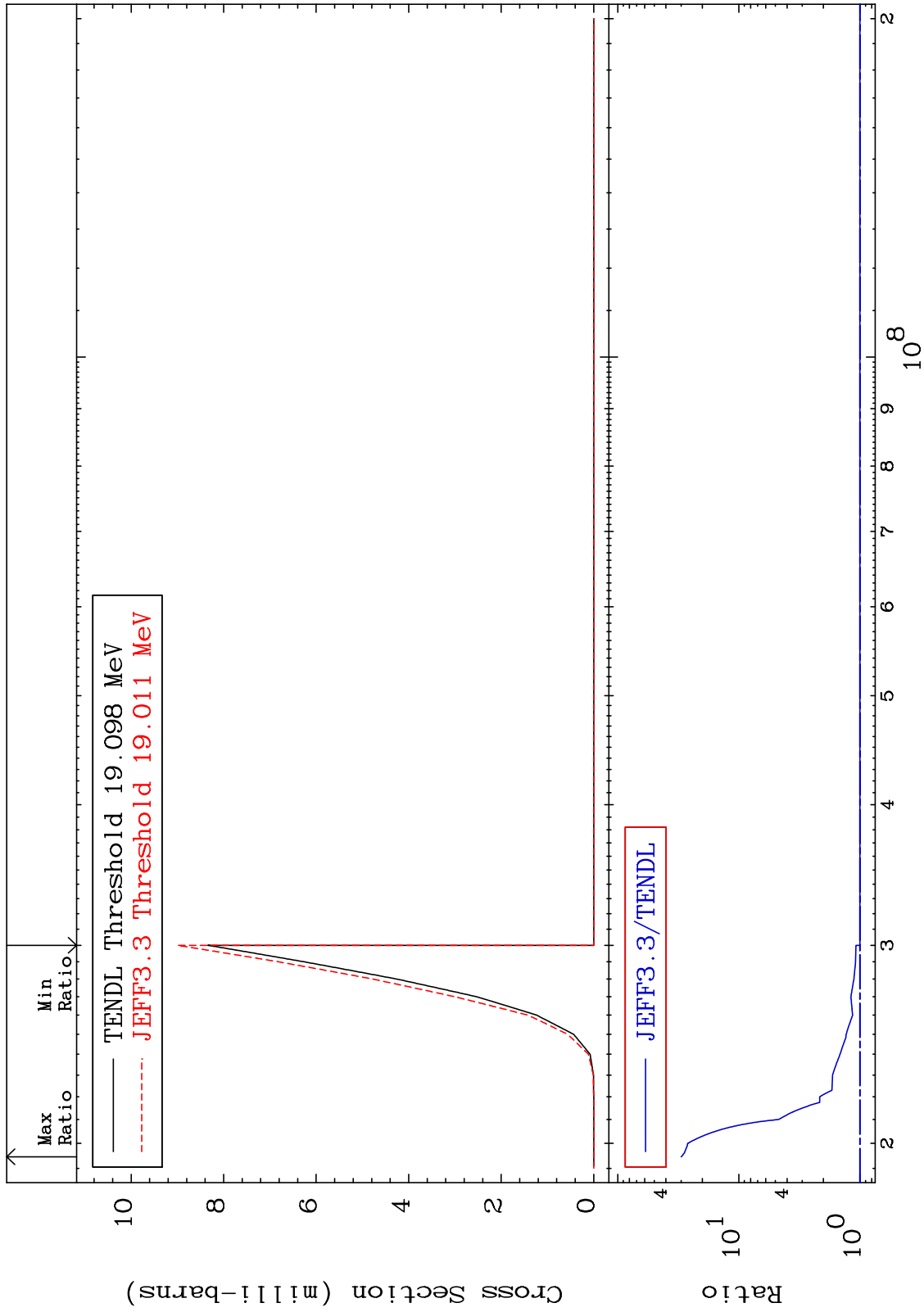
-100.0 To 132.3 %



MAT 1825

(n,n') He-3  
Cross Section

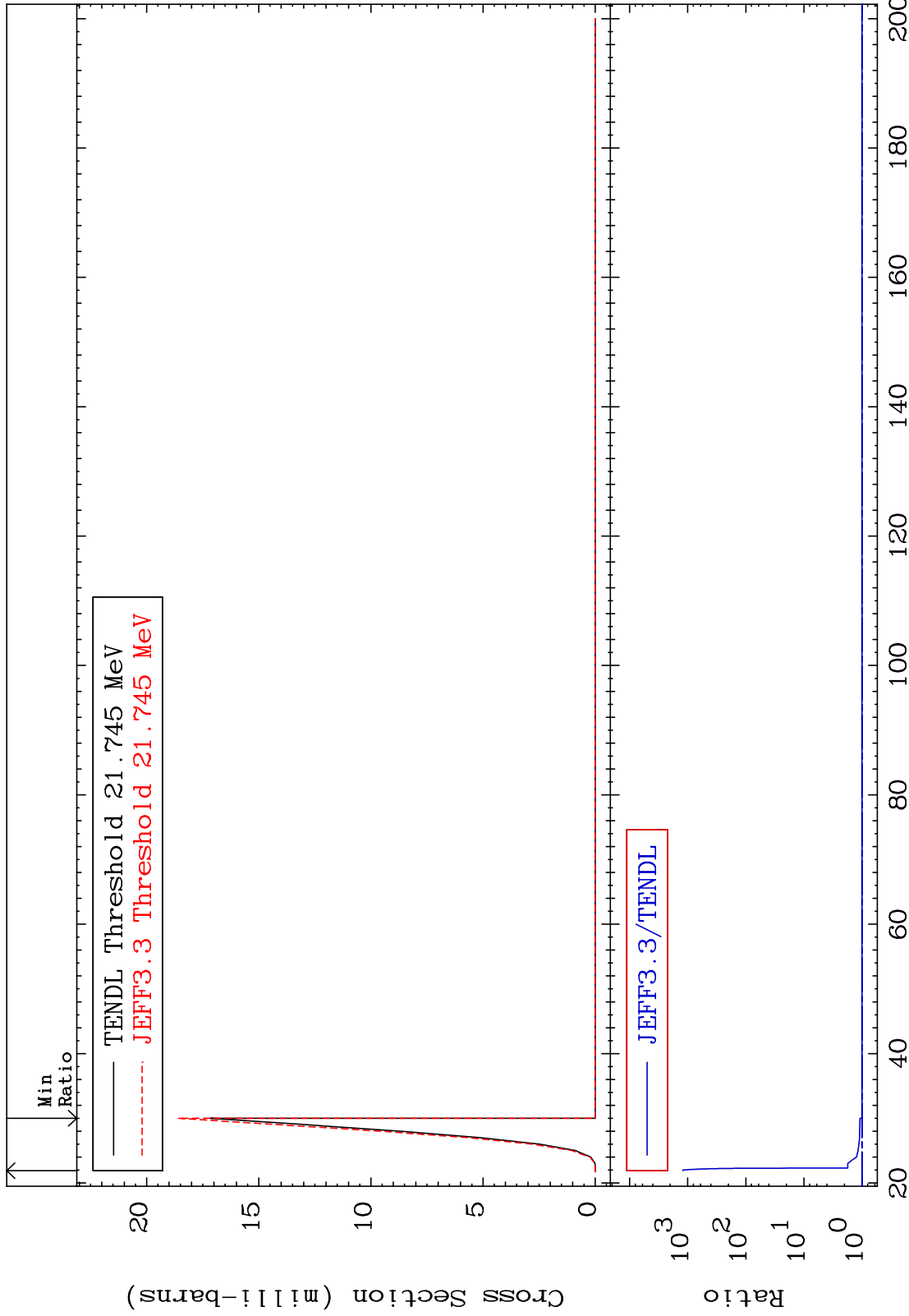
18-Ar-36  
0.000 To 2890. %



MAT 1825

(n,2n) p  
Cross Section

18-Ar-36  
0.000 To 9999. %



18-Ar-36

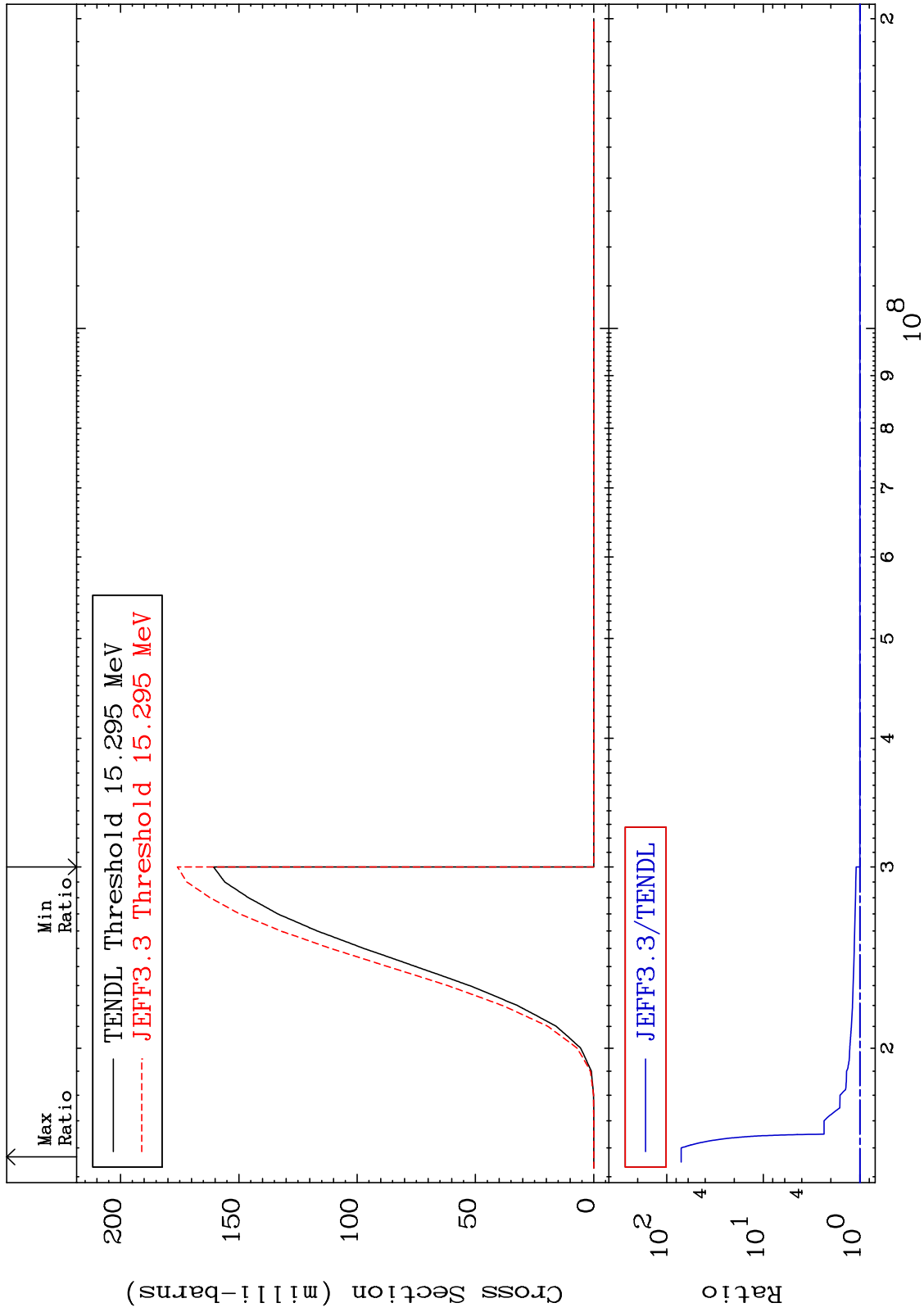
Incident Energy (MeV)

13

MAT 1825

(n,2n) p  
Cross Section

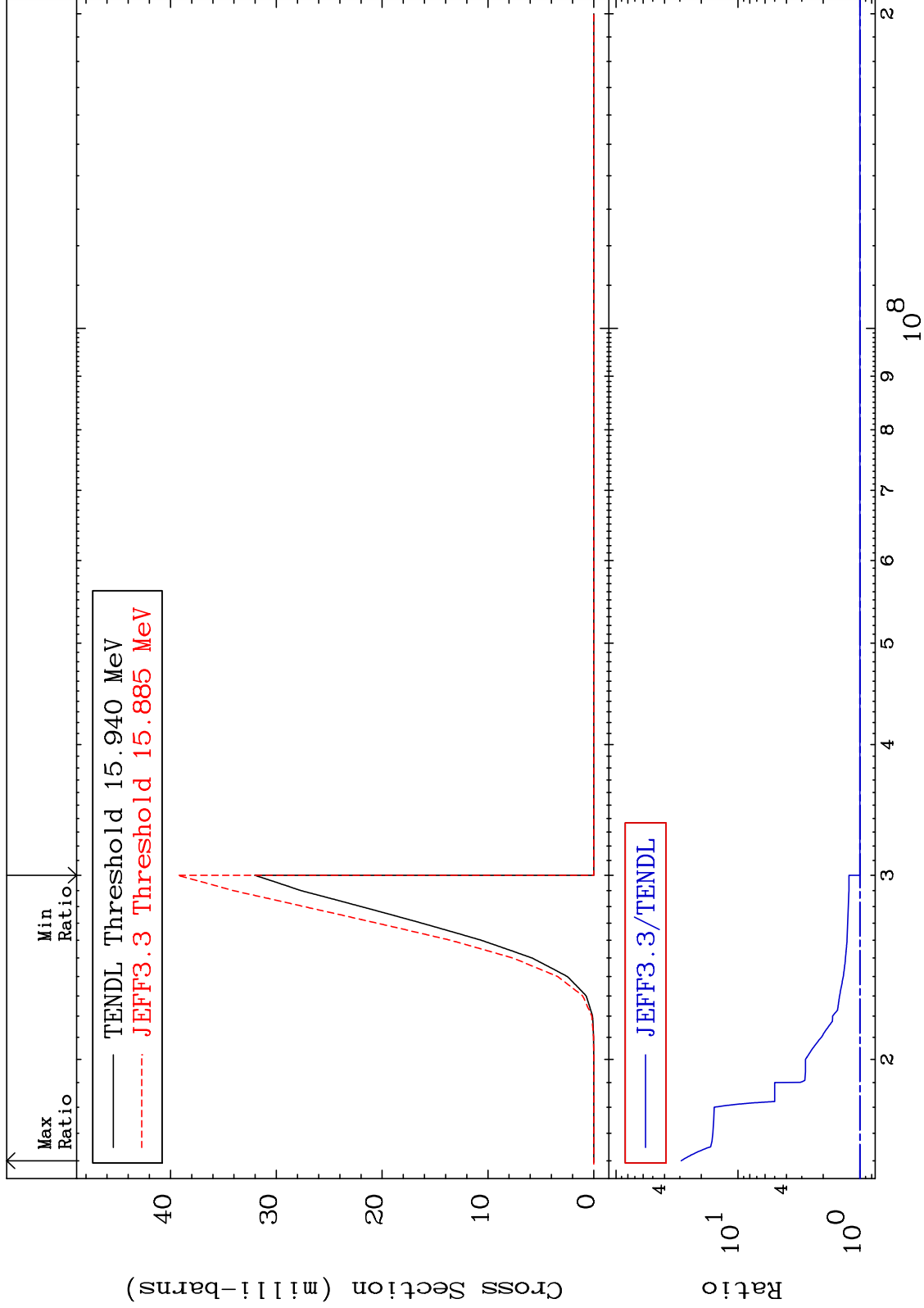
18-Ar-36  
0.000 To 6988. %



MAT 1825

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

18-Ar-36  
0.000 To 2818. %

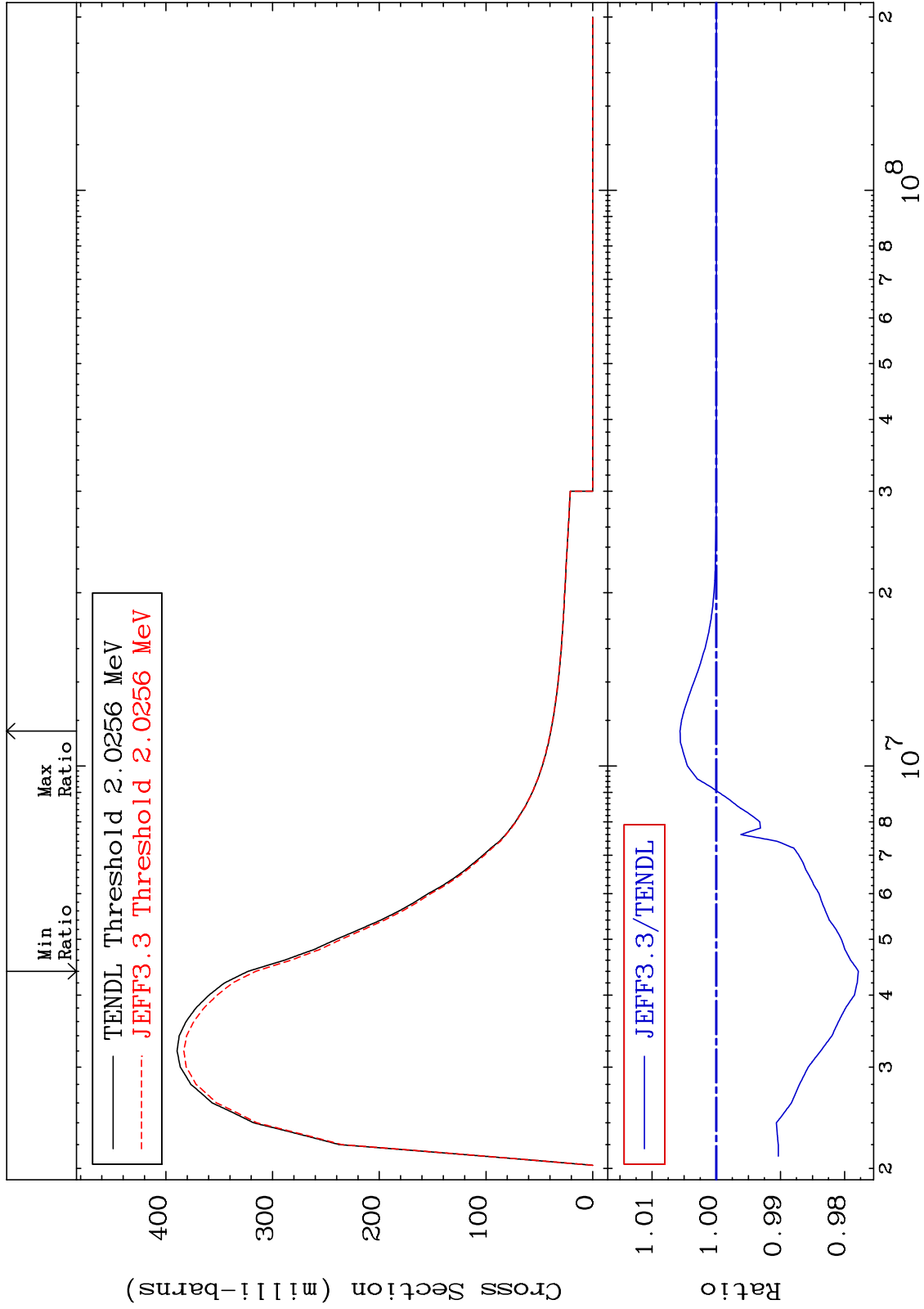




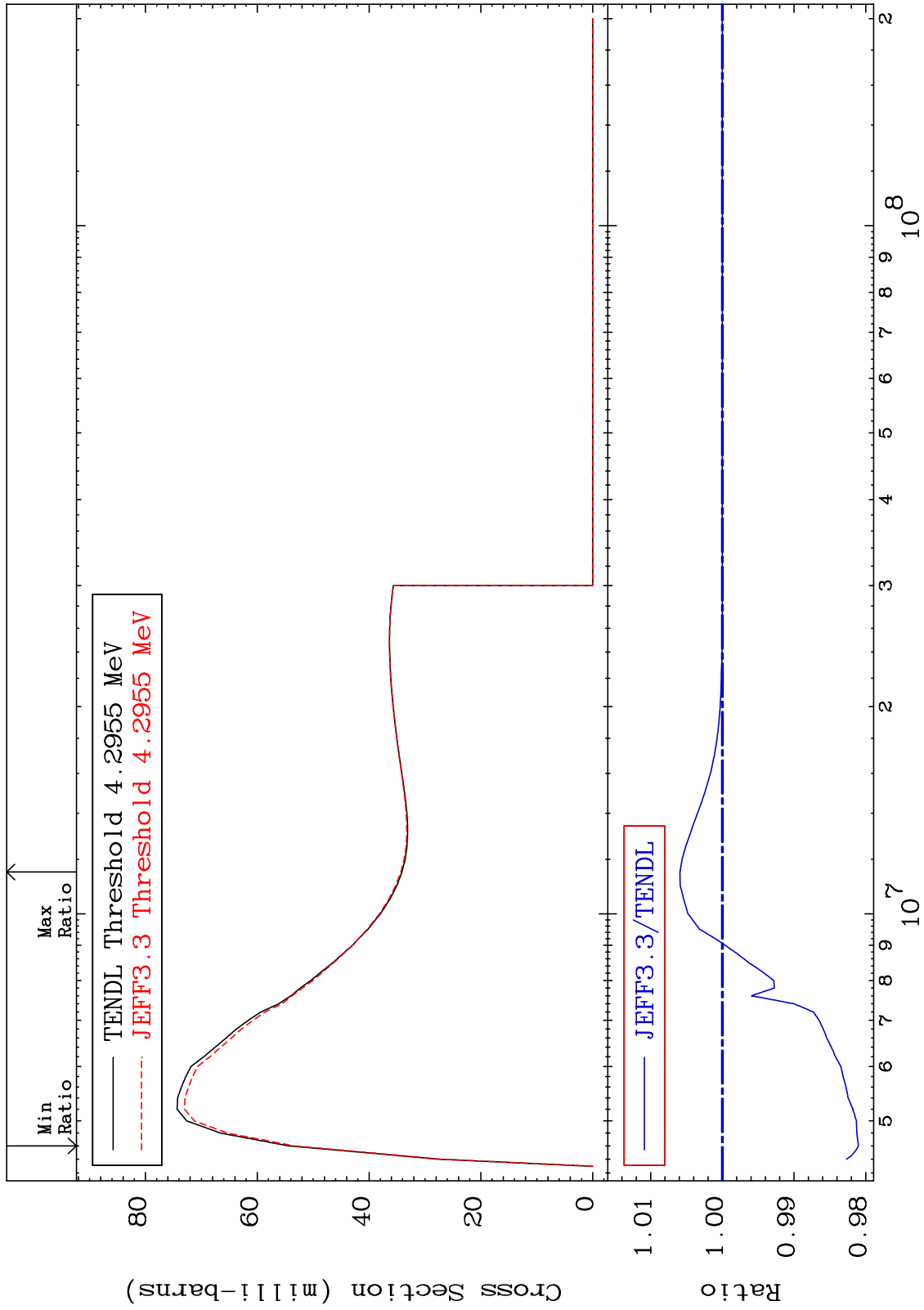
MAT 1825

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

18-Ar-36  
-2.215 To 0.565 %



MAT 1825 MT= 52 (n,n') Level  
 Cross Section 18-Ar-36  
 -1.898 To 0.590 %



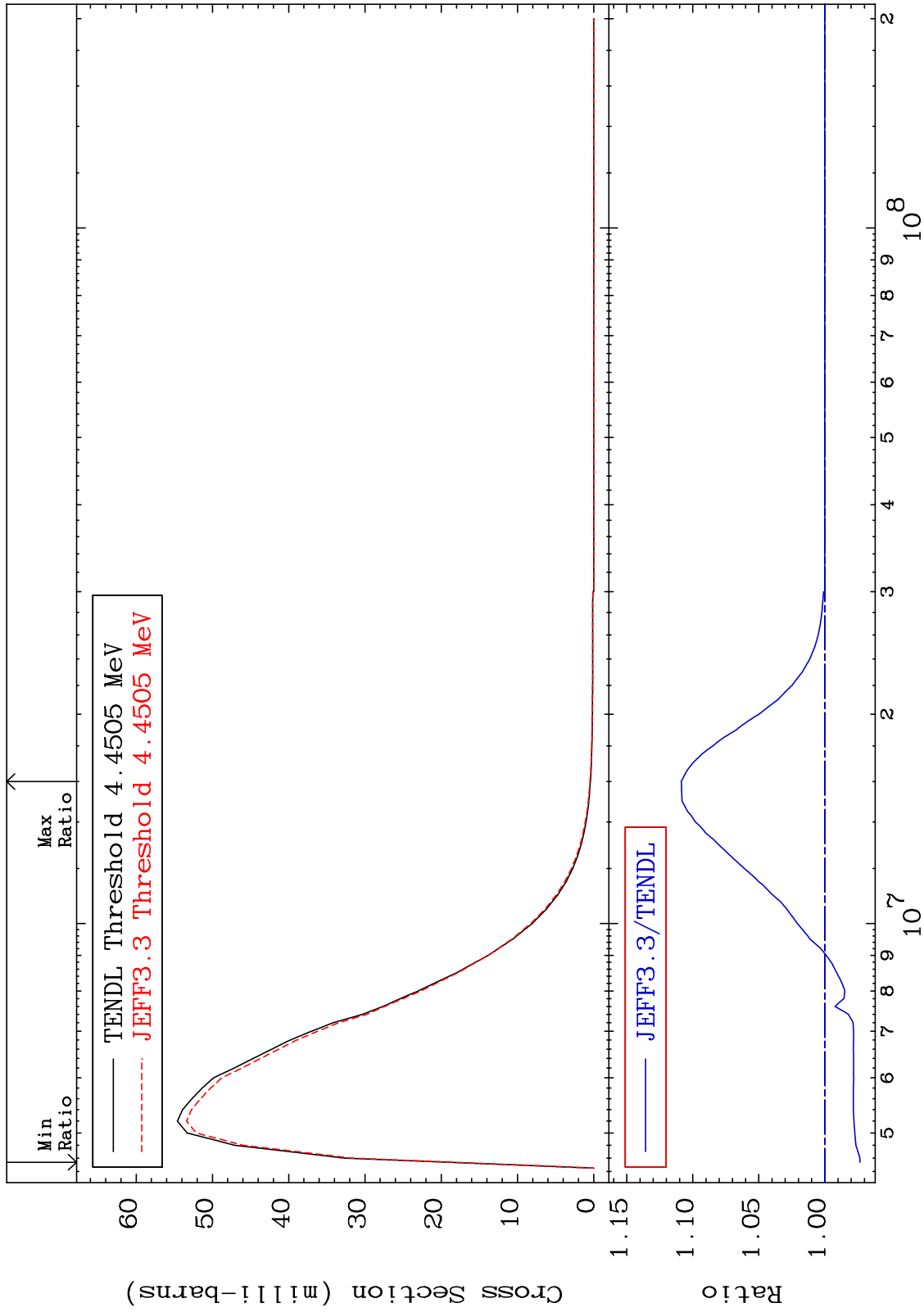
18-Ar-36

Incident Energy (eV)

MAT 1825

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

18-Ar-36  
-2.660 To 10.88 %



18

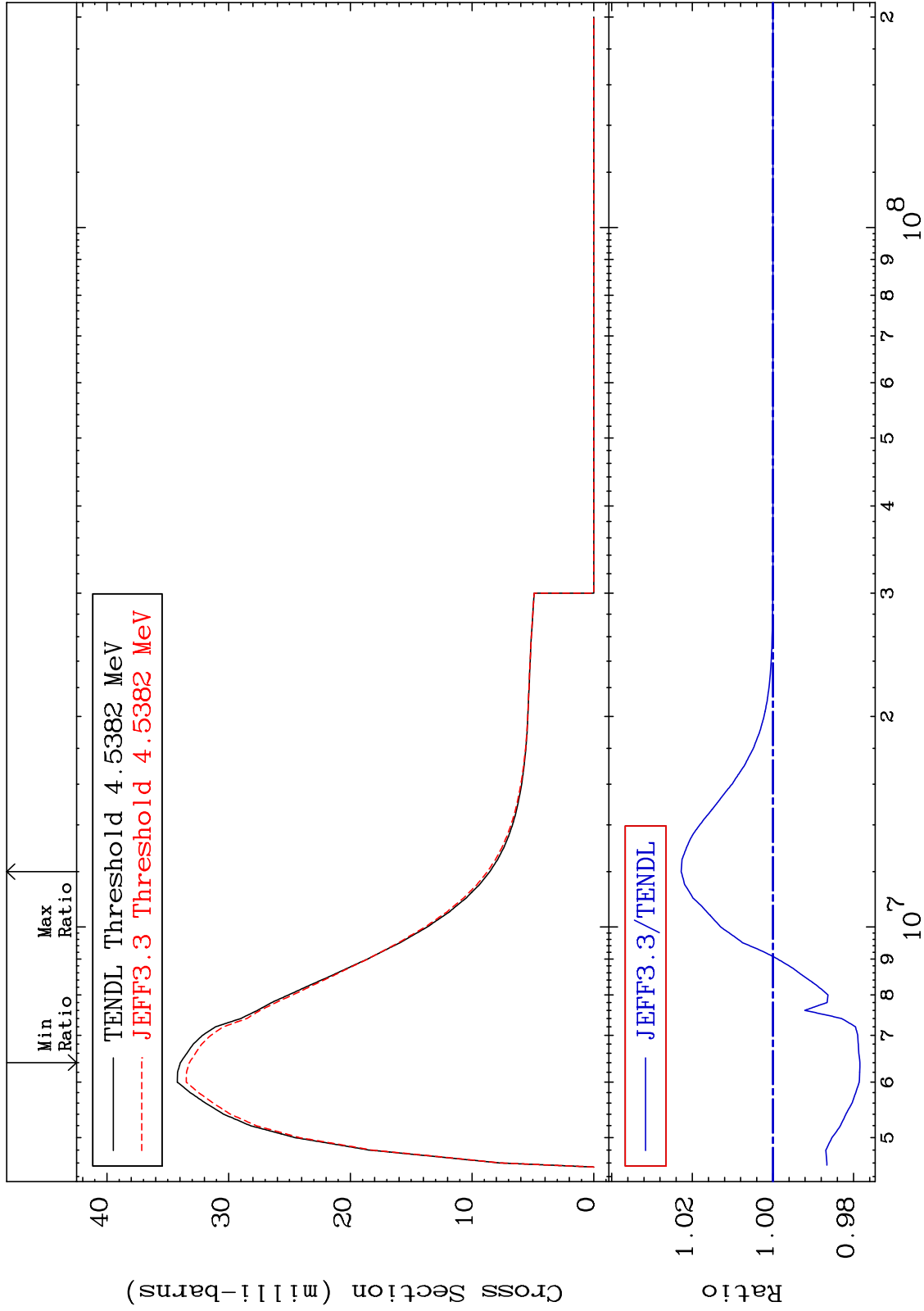
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
-2.159 To 2.275 %



19

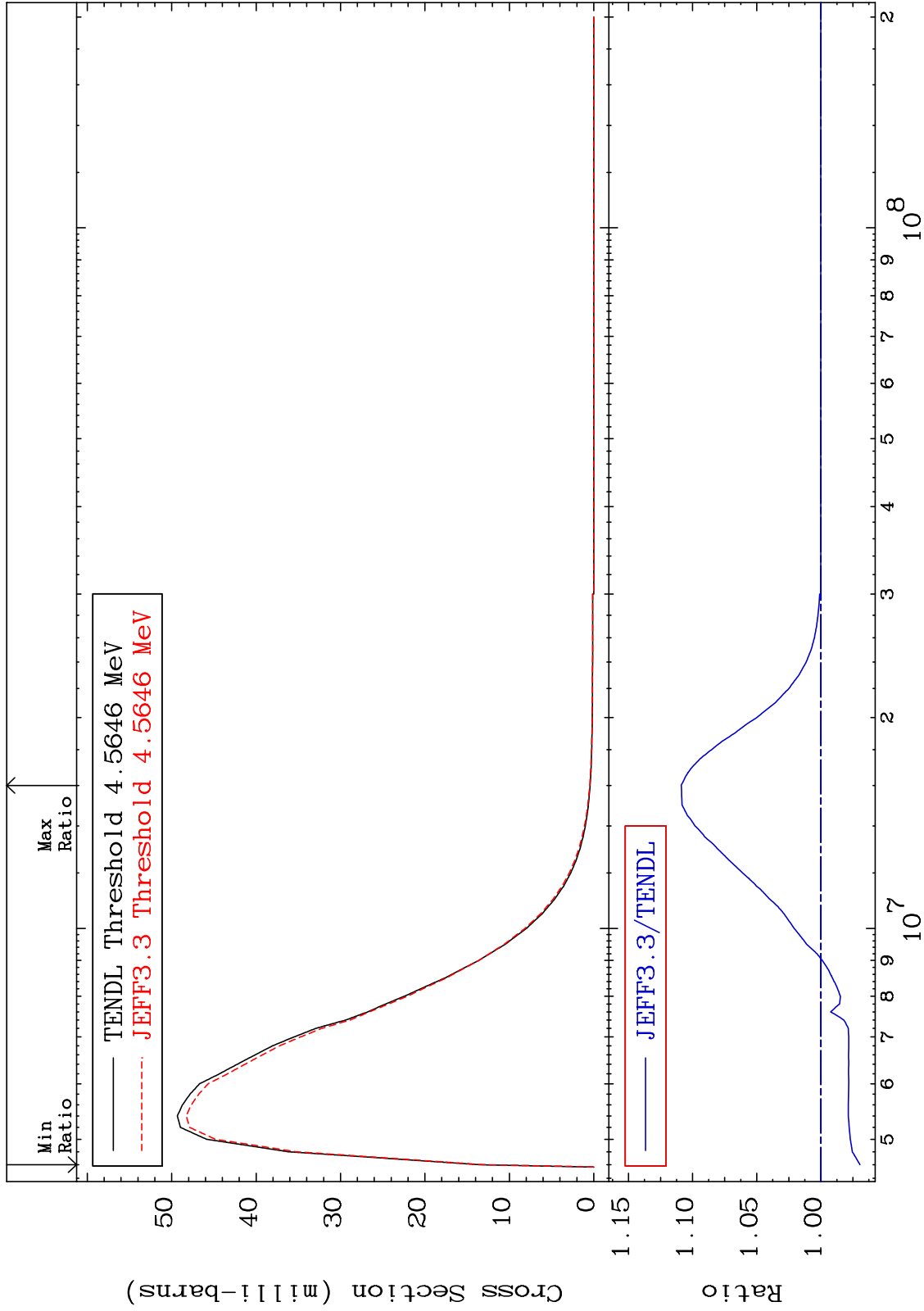
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
-3.048 To 10.89 %



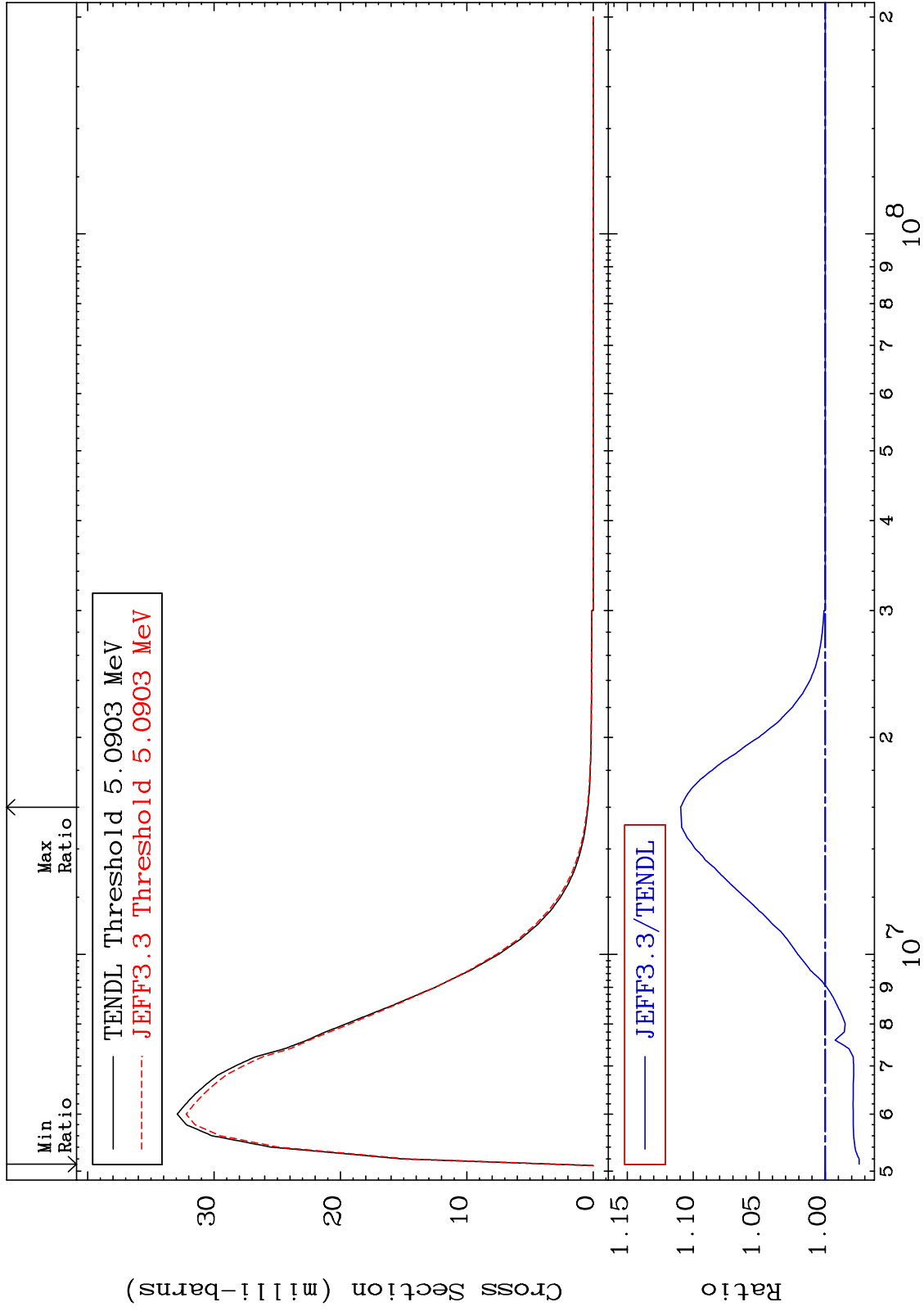
20

18-Ar-36

MAT 1825

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

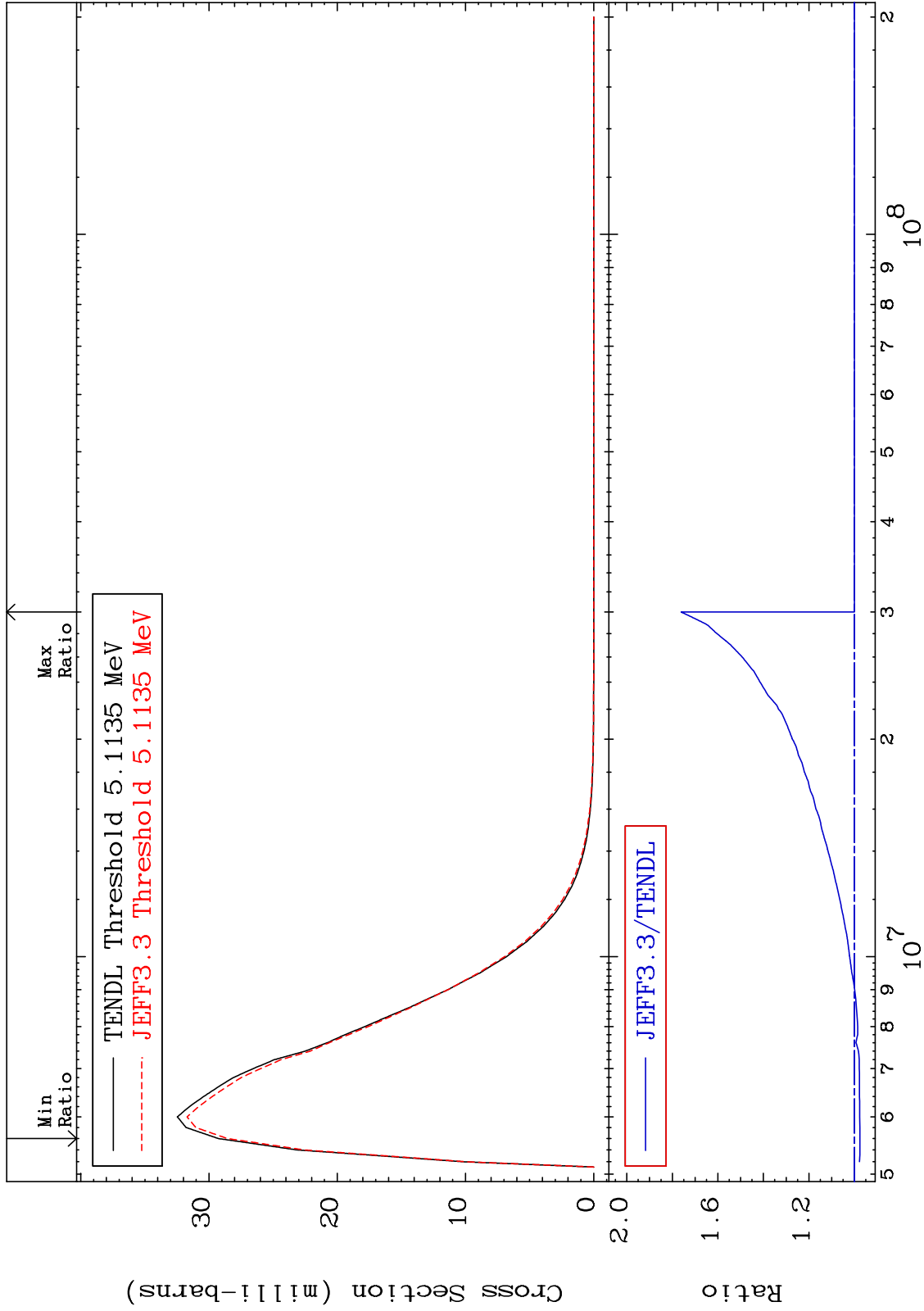
18-Ar-36  
-2.572 To 10.96 %



MAT 1825

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

18-Ar-36  
-2.406 To 76.10 %



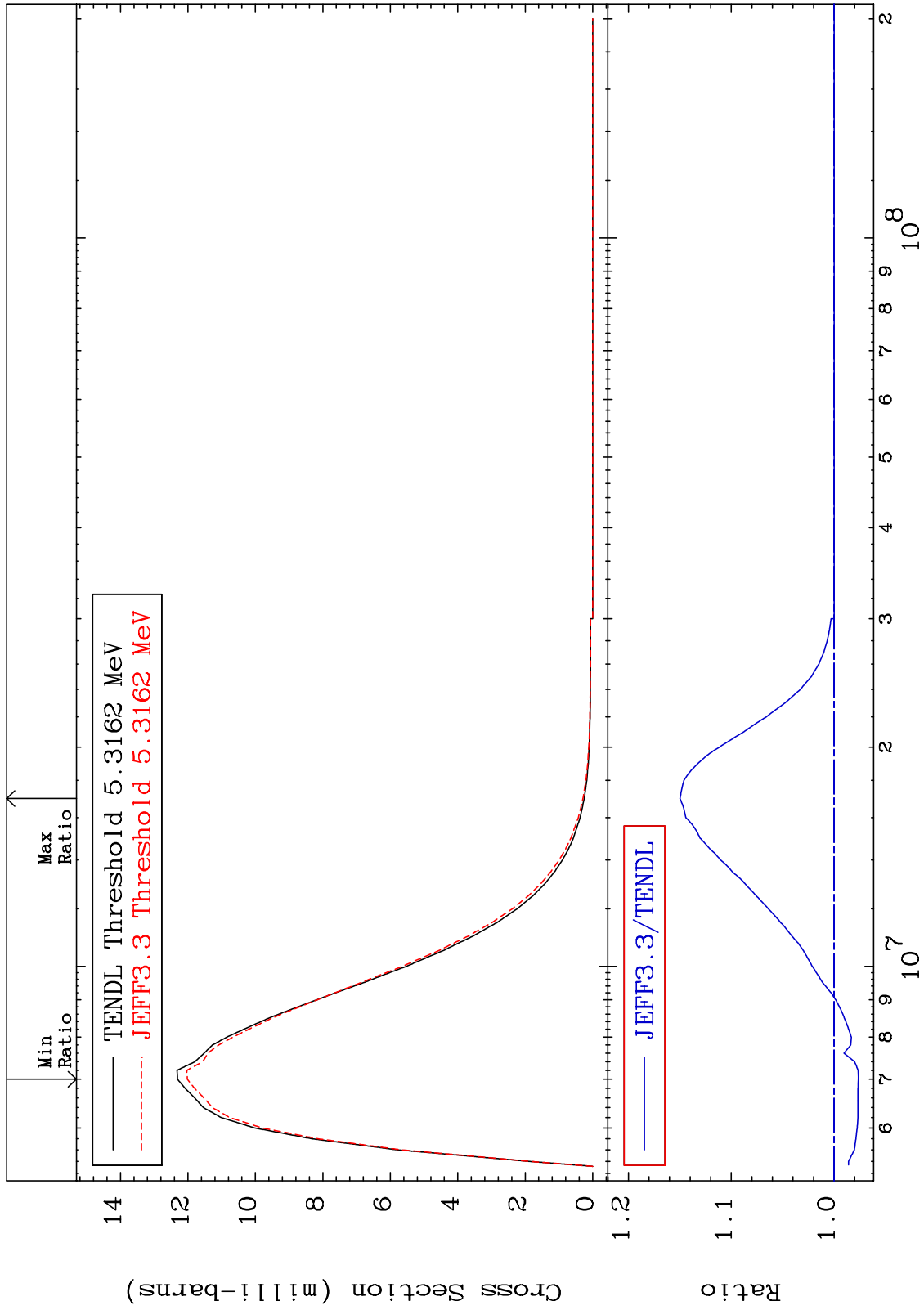
22

18-Ar-36

MAT 1825

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

18-Ar-36  
-2.361 To 14.99 %

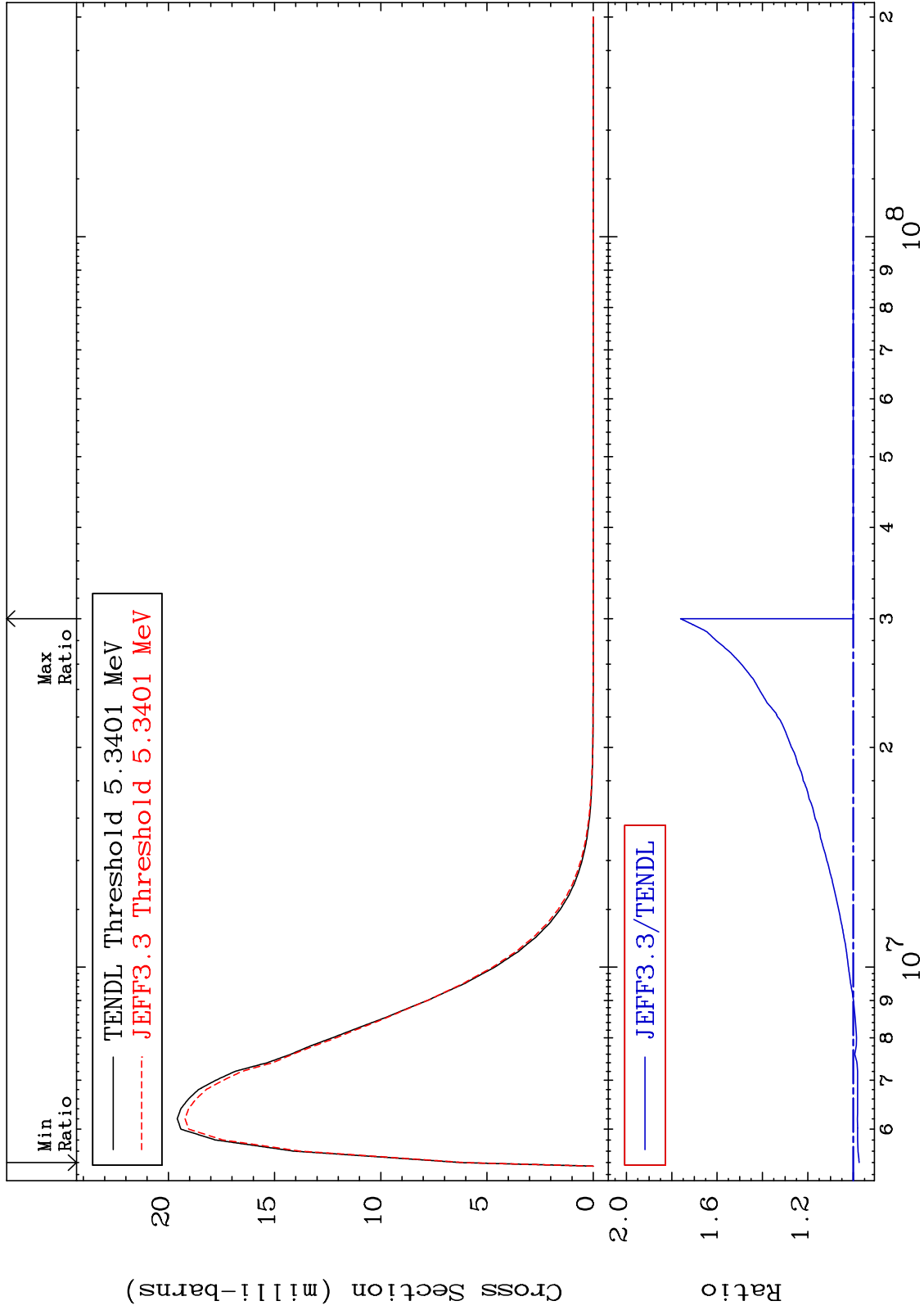




MAT 1825

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

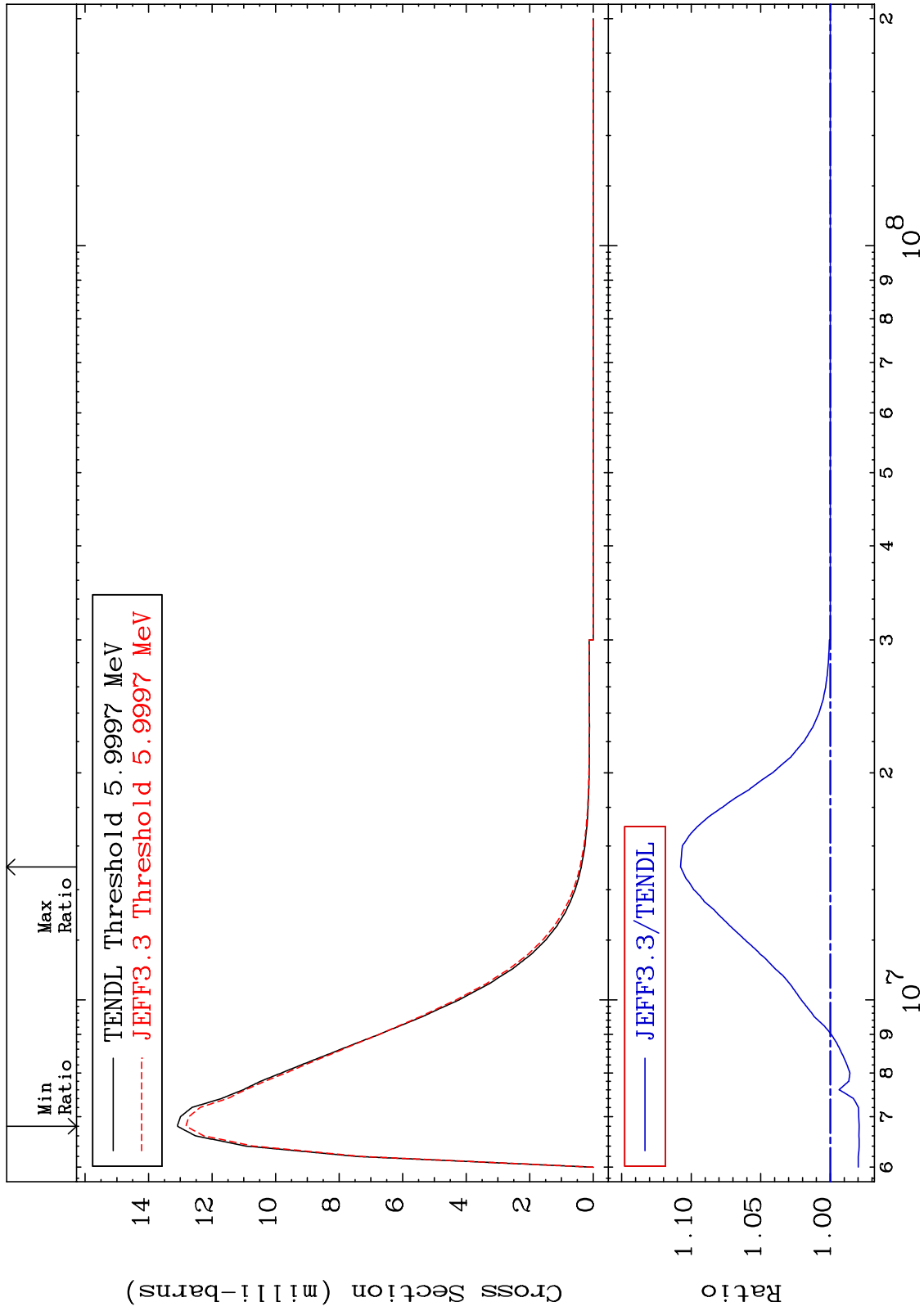
18-Ar-36  
-2.615 To 76.08 %



MAT 1825

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

18-Ar-36  
-2.076 To 10.76 %



25

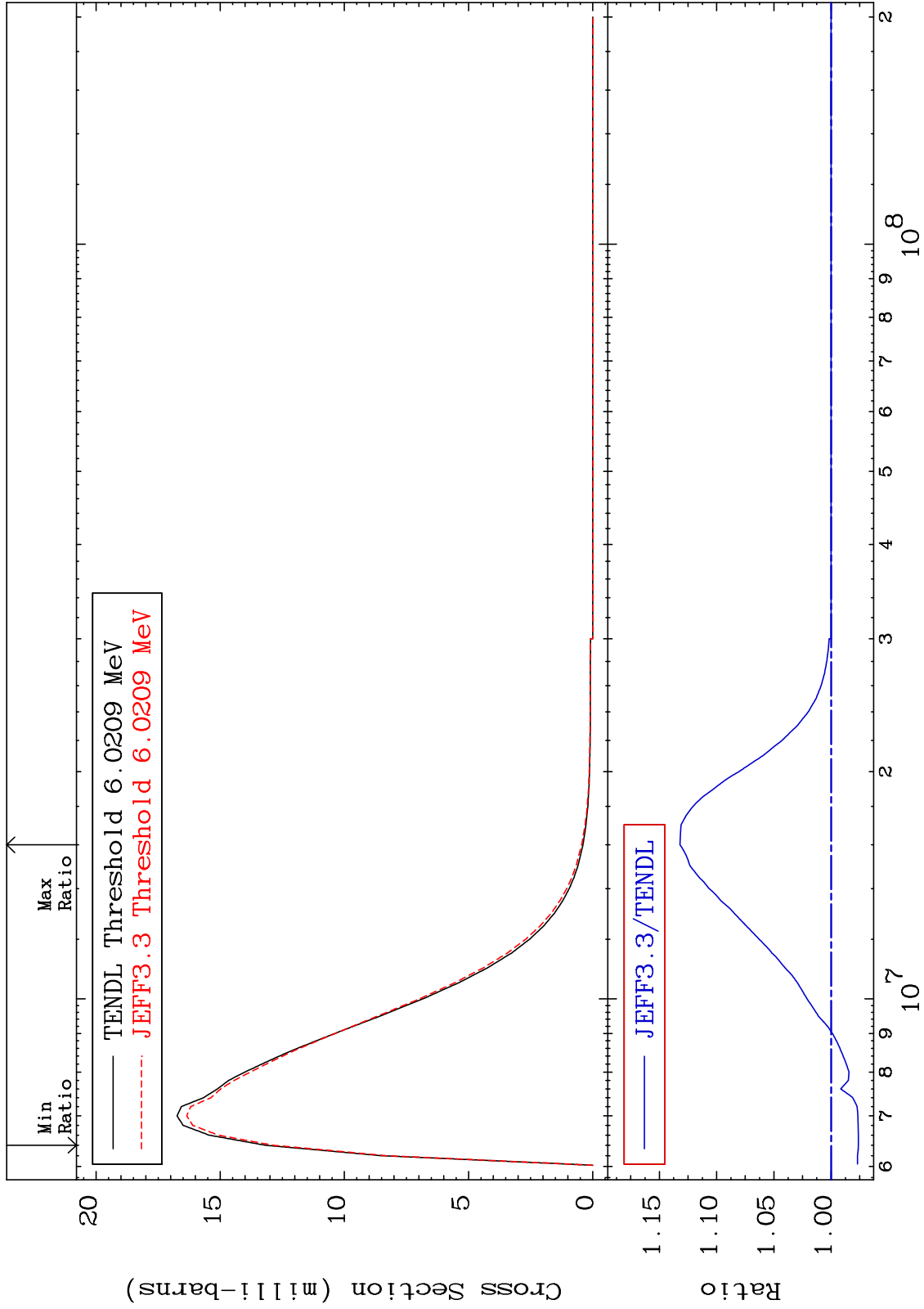
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
-2.383 To 13.20 %



26

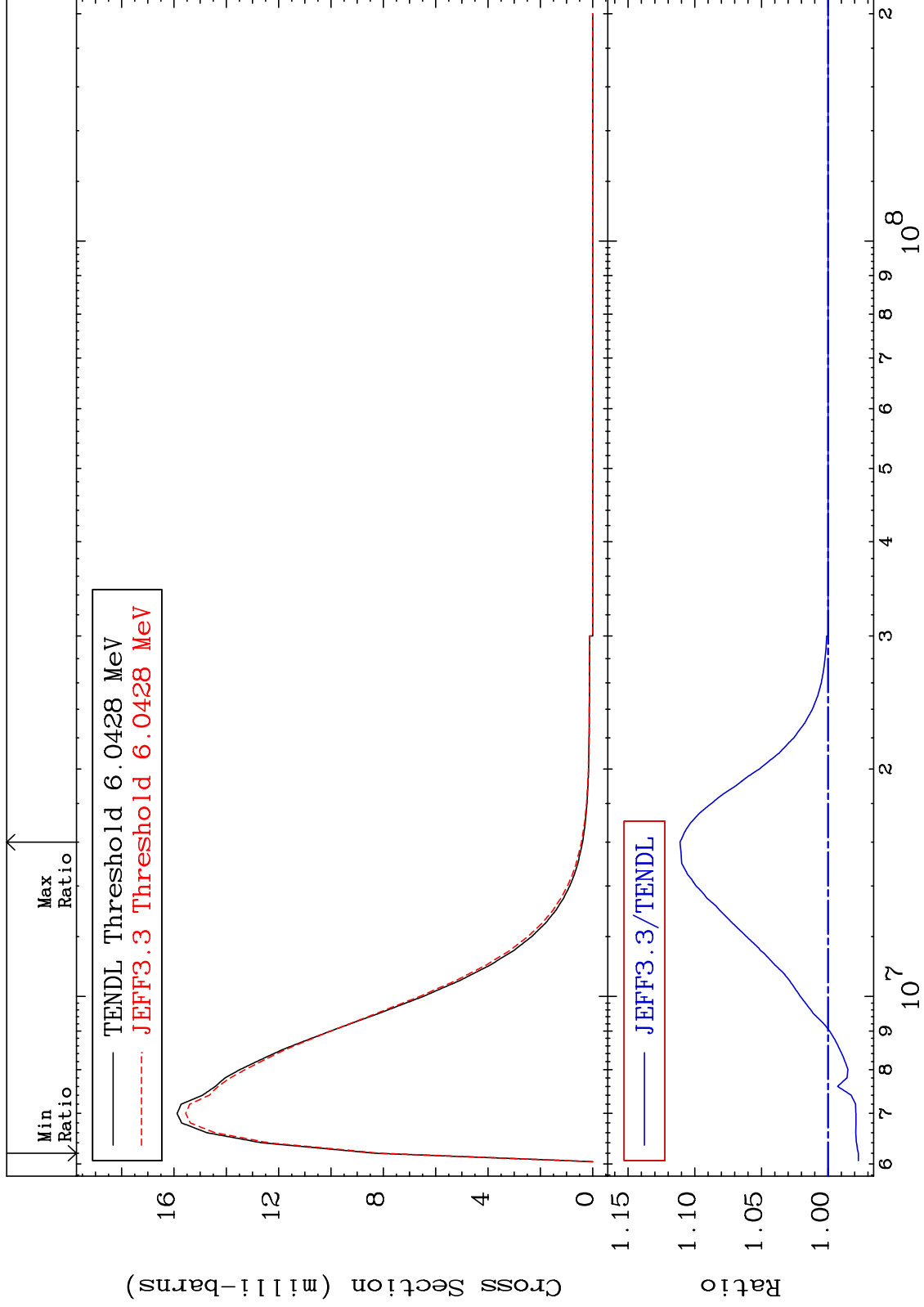
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
-2.276 To 11.11 %



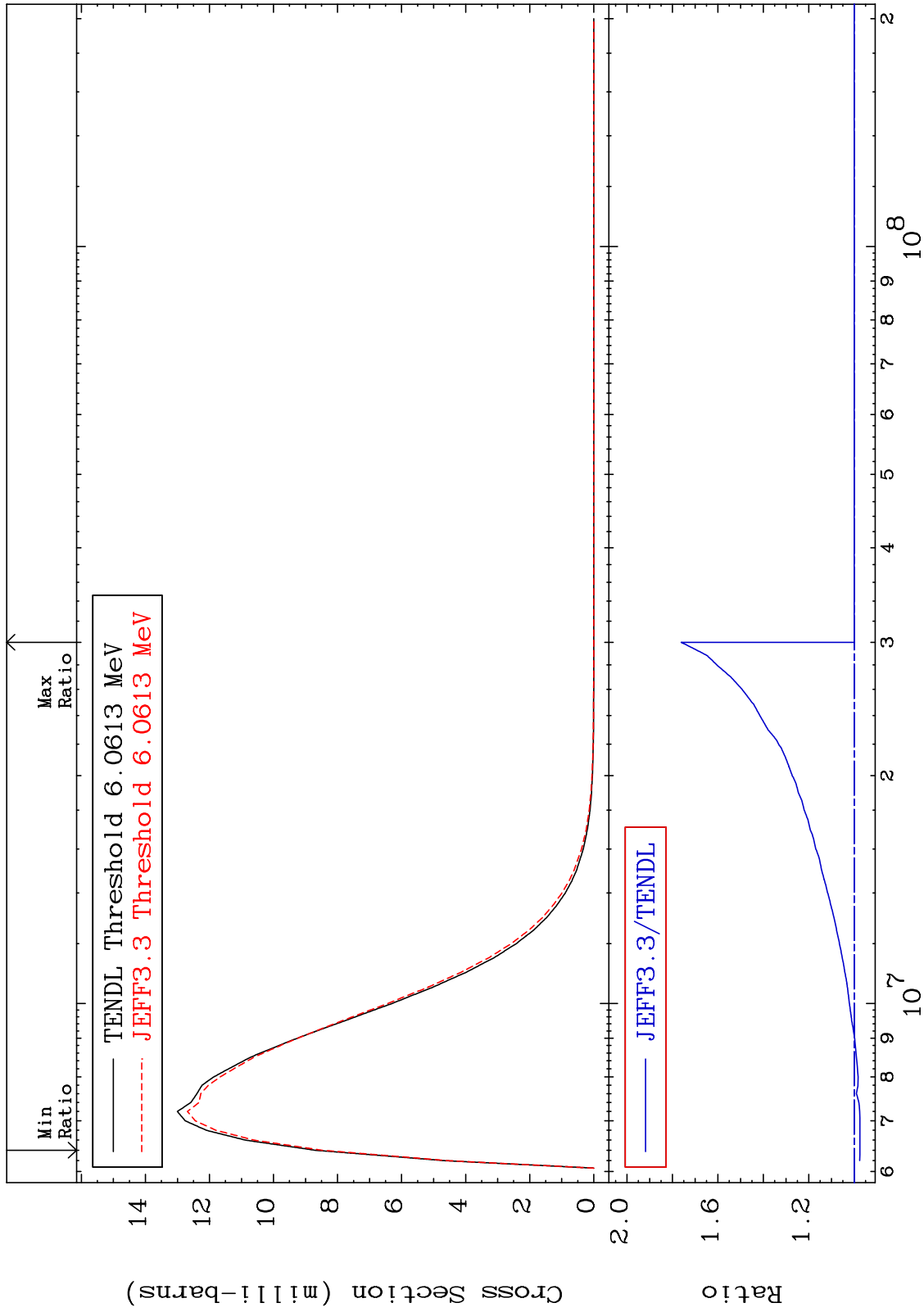
27

18-Ar-36

MAT 1825

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

18-Ar-36  
-2.513 To 76.14 %



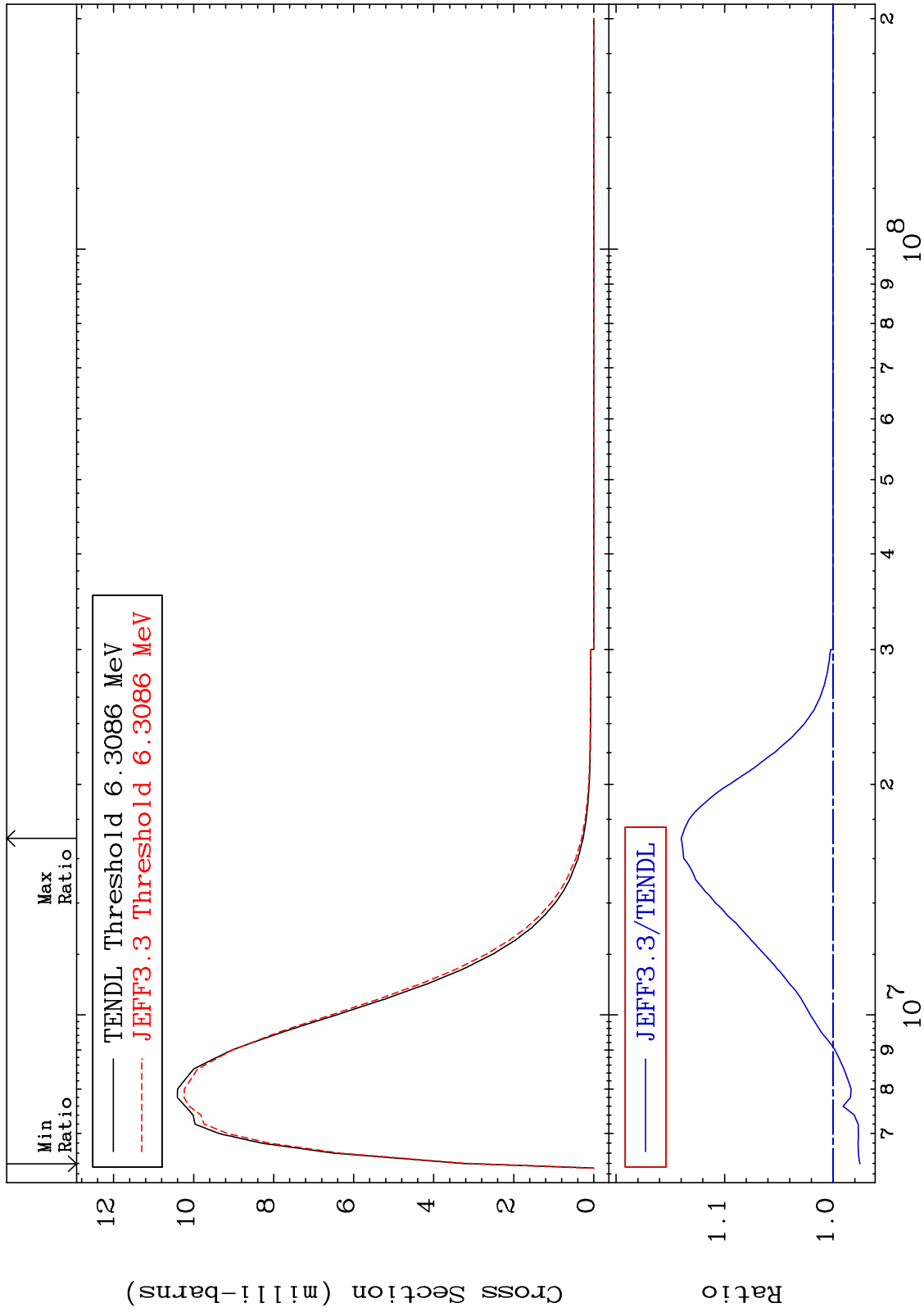
28

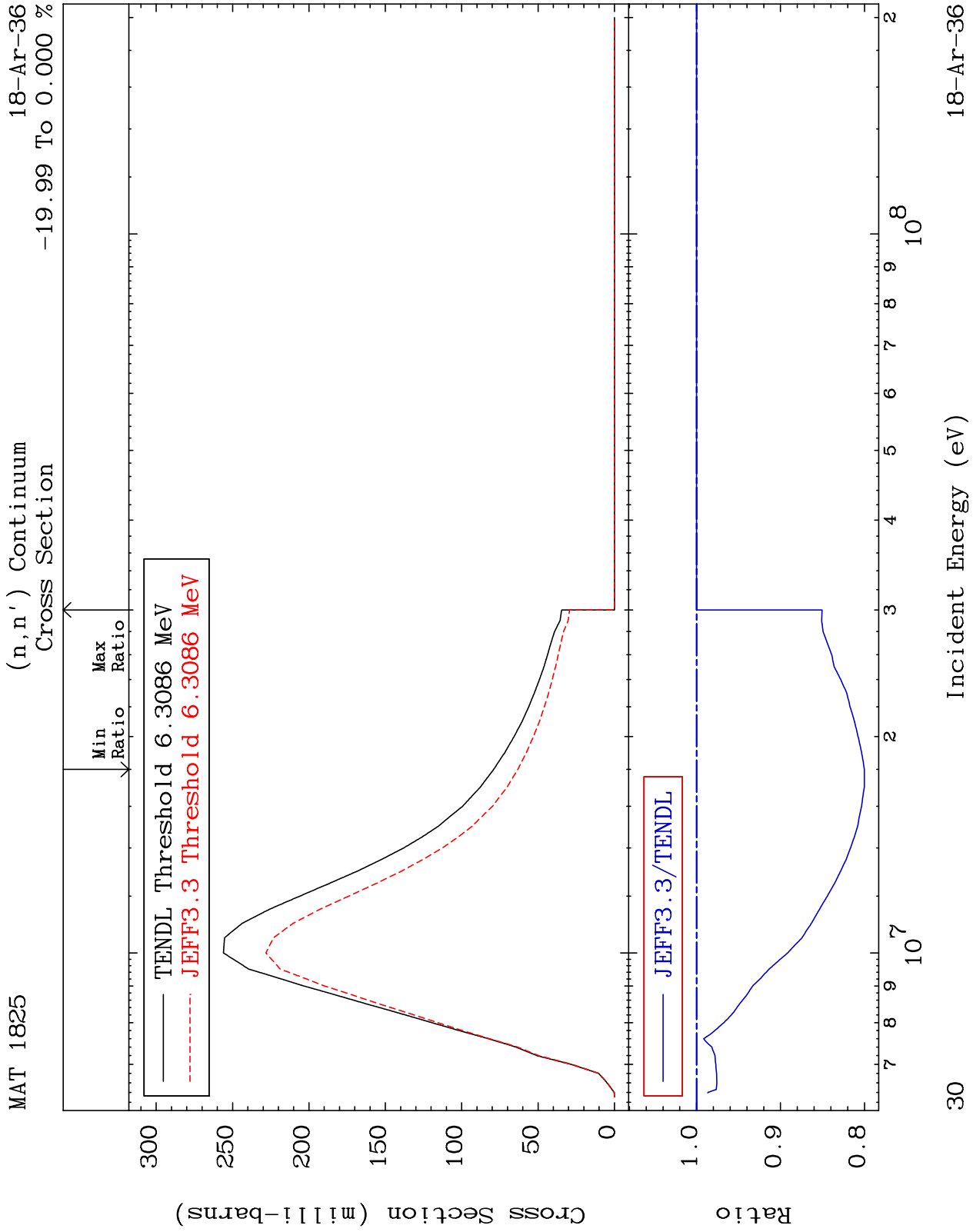
18-Ar-36

MAT 1825

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

18-Ar-36  
-2.476 To 14.00 %





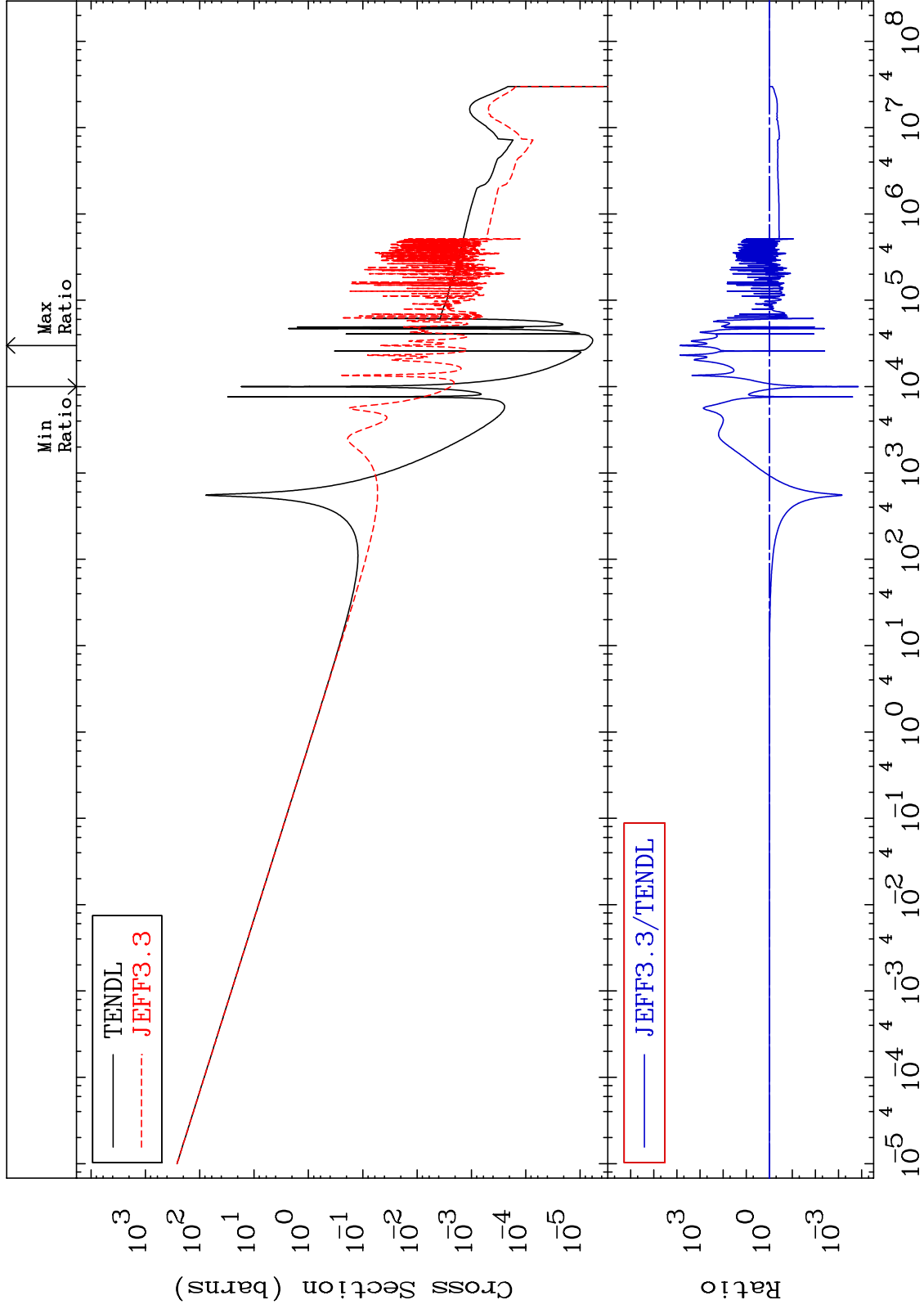
MAT 1825

(n,  $\gamma$ )

18-Ar-36

Cross Section

-99.99 To 9999. %



31

Incident Energy (eV)

18-Ar-36



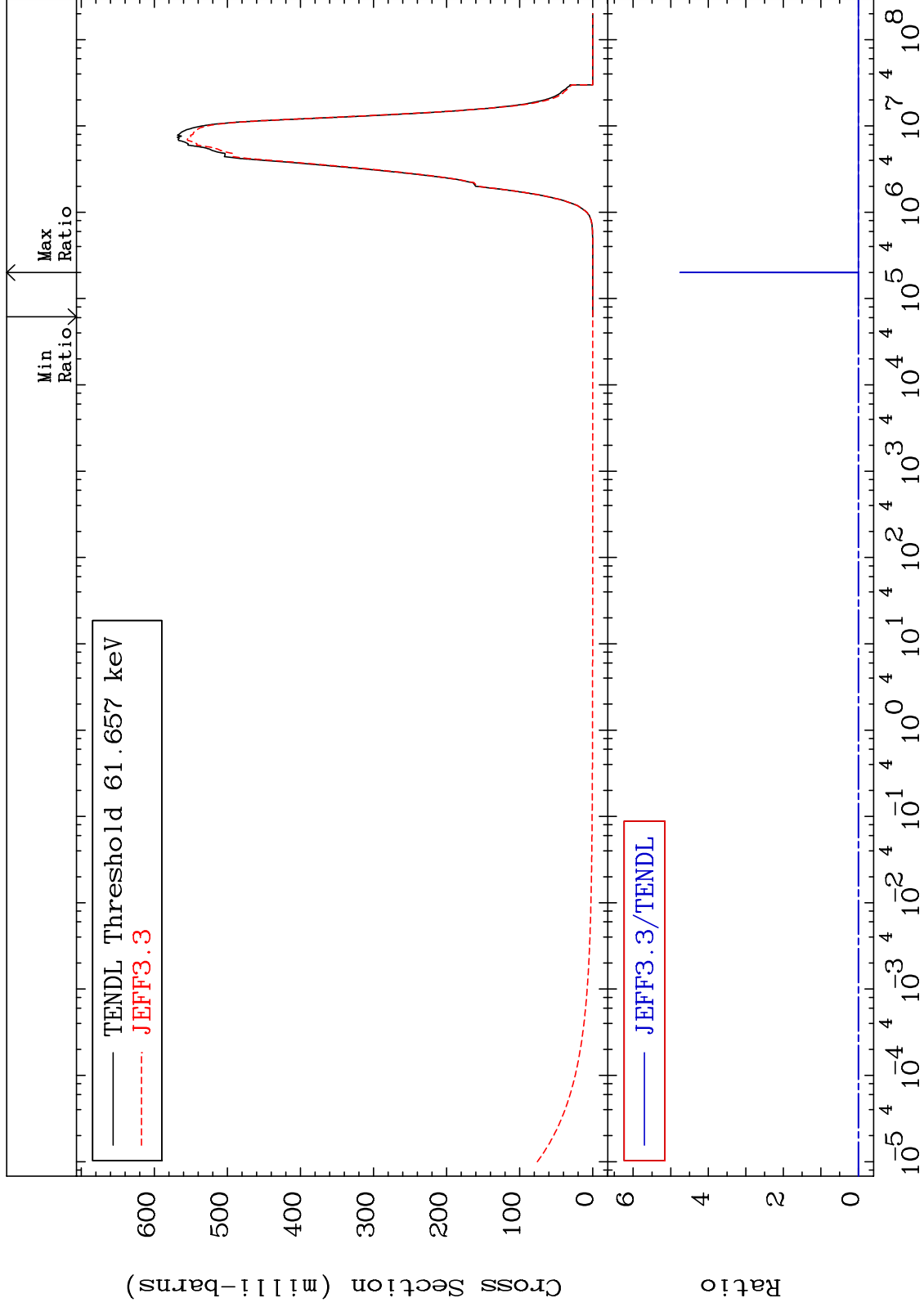
MAT 1825

(n,p)

18-Ar-36

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

18-Ar-36

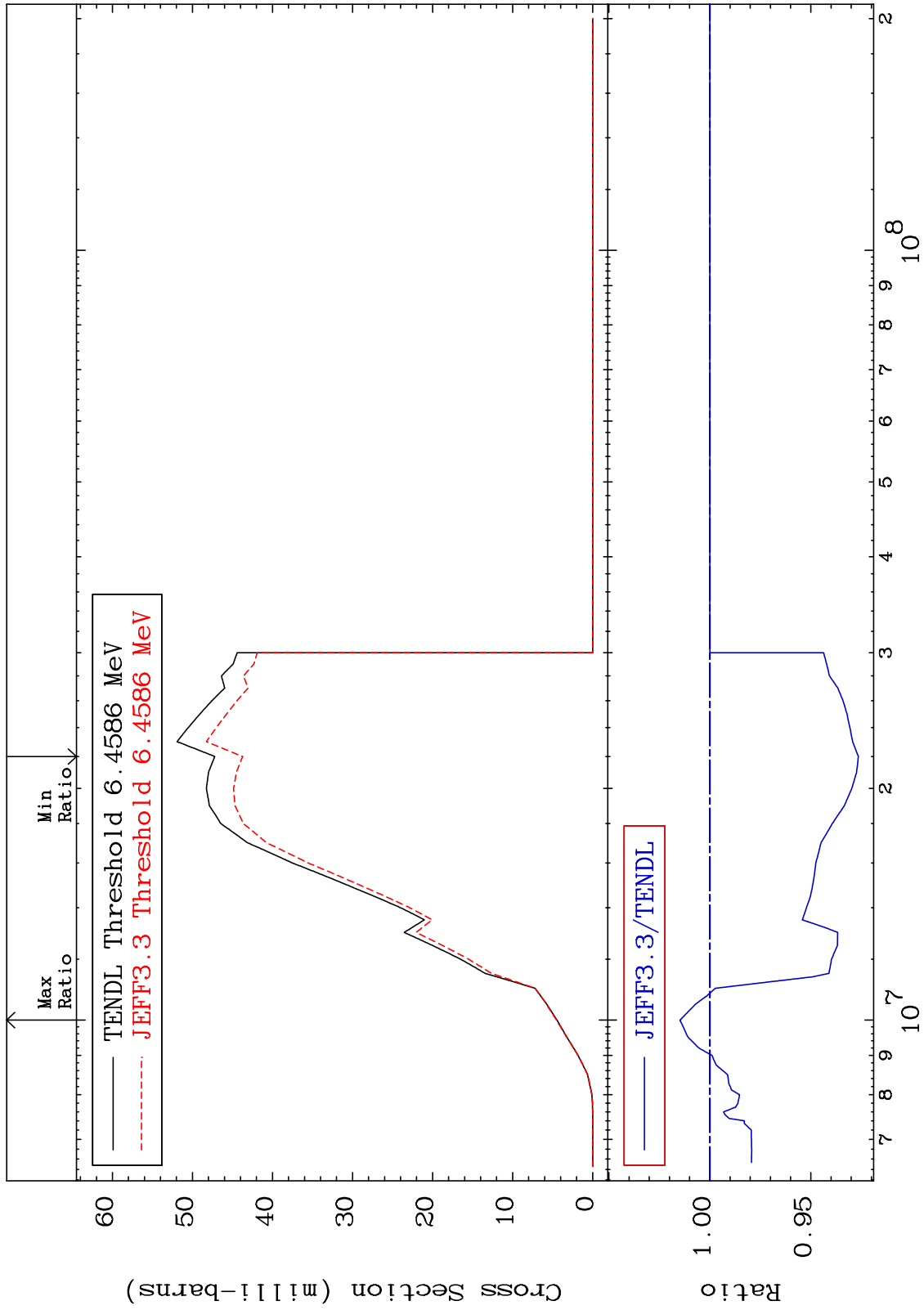
MAT 1825

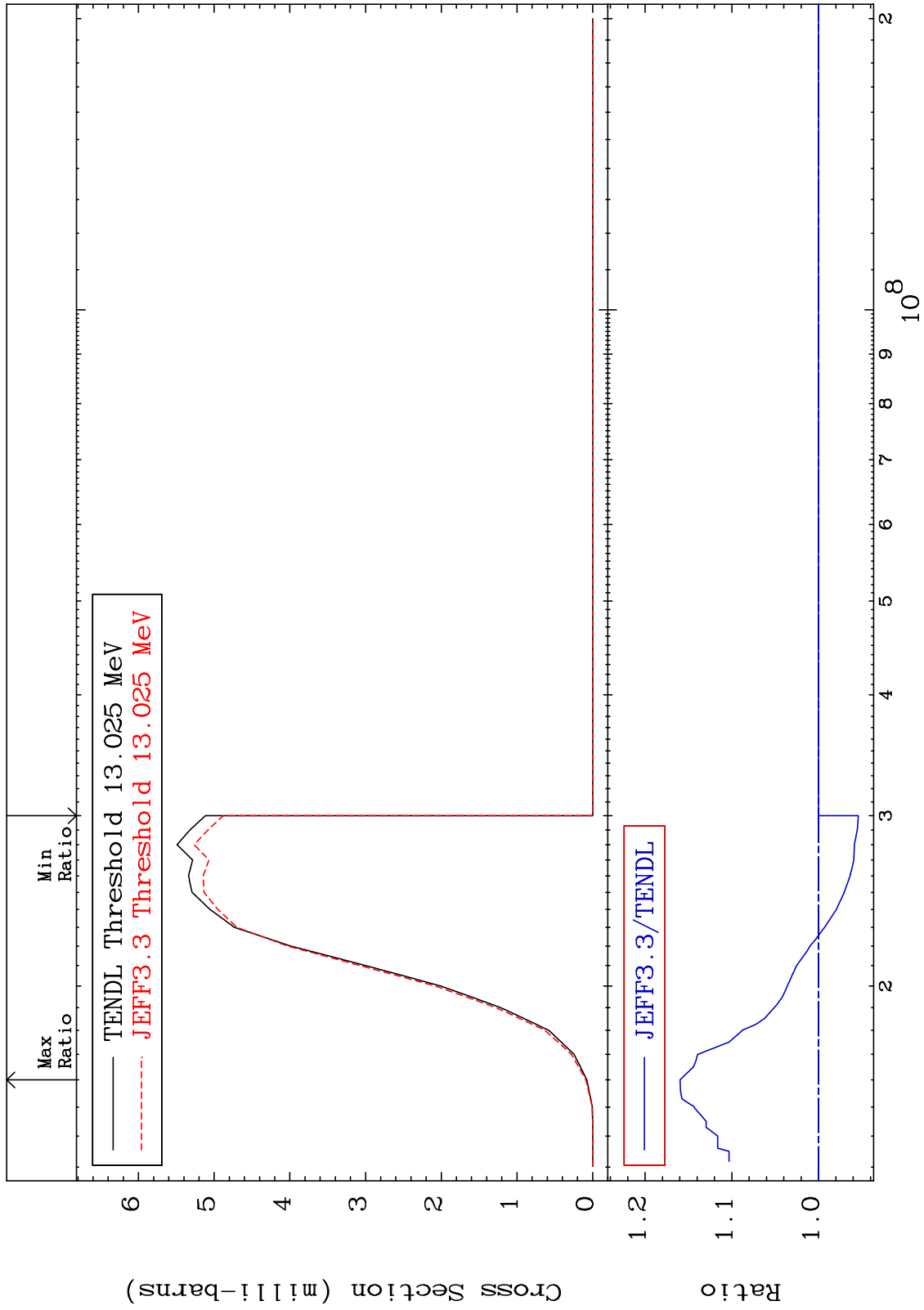
(n, d)

18-Ar-36

Cross Section

-7.357 To 1.475 %





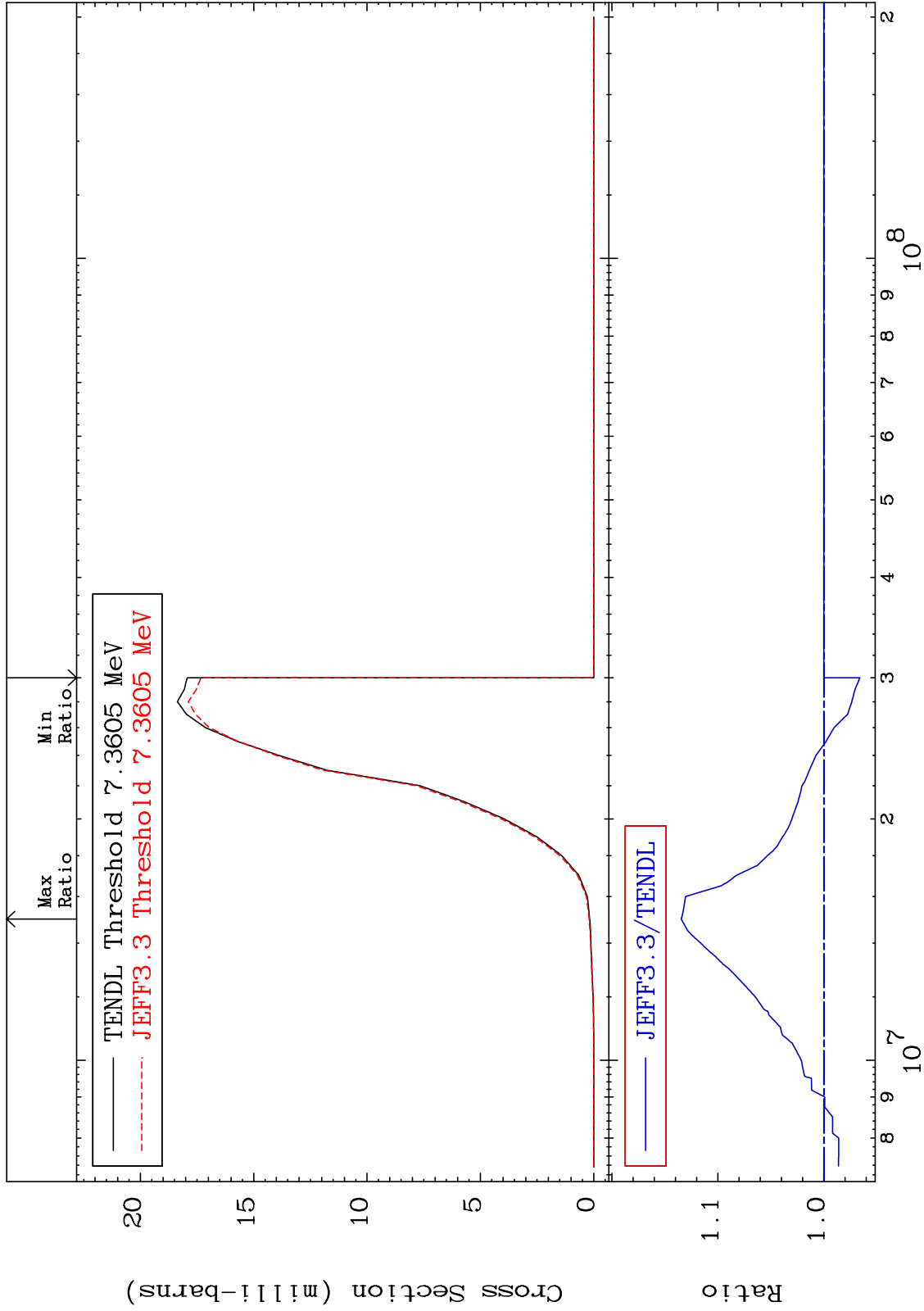
MAT 1825

(n, He-3)

18-Ar-36

Cross Section

-3.399 To 13.47 %



35

Incident Energy (eV)

18-Ar-36

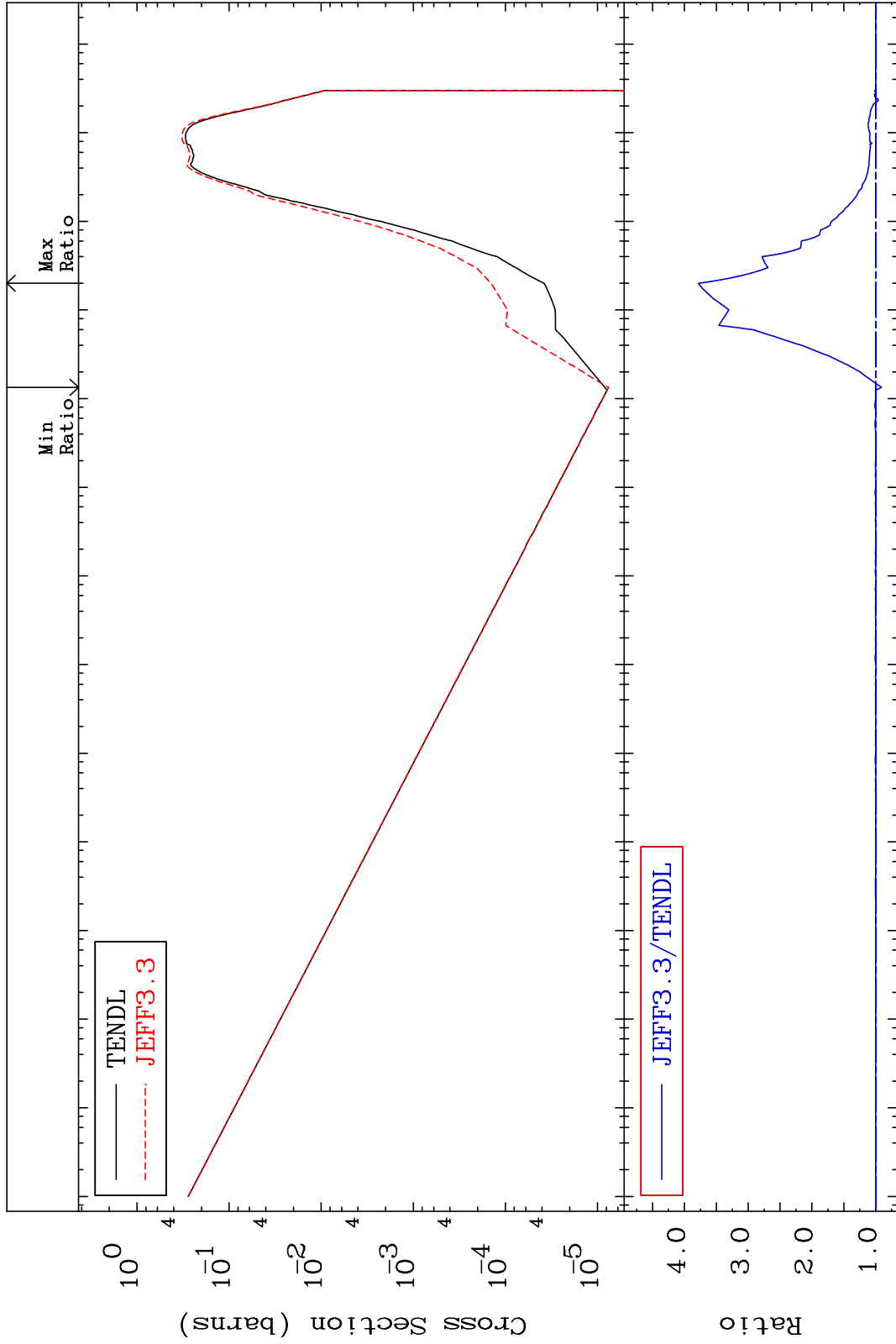
MAT 1825

(n,  $\alpha$ )

18-Ar-36

Cross Section

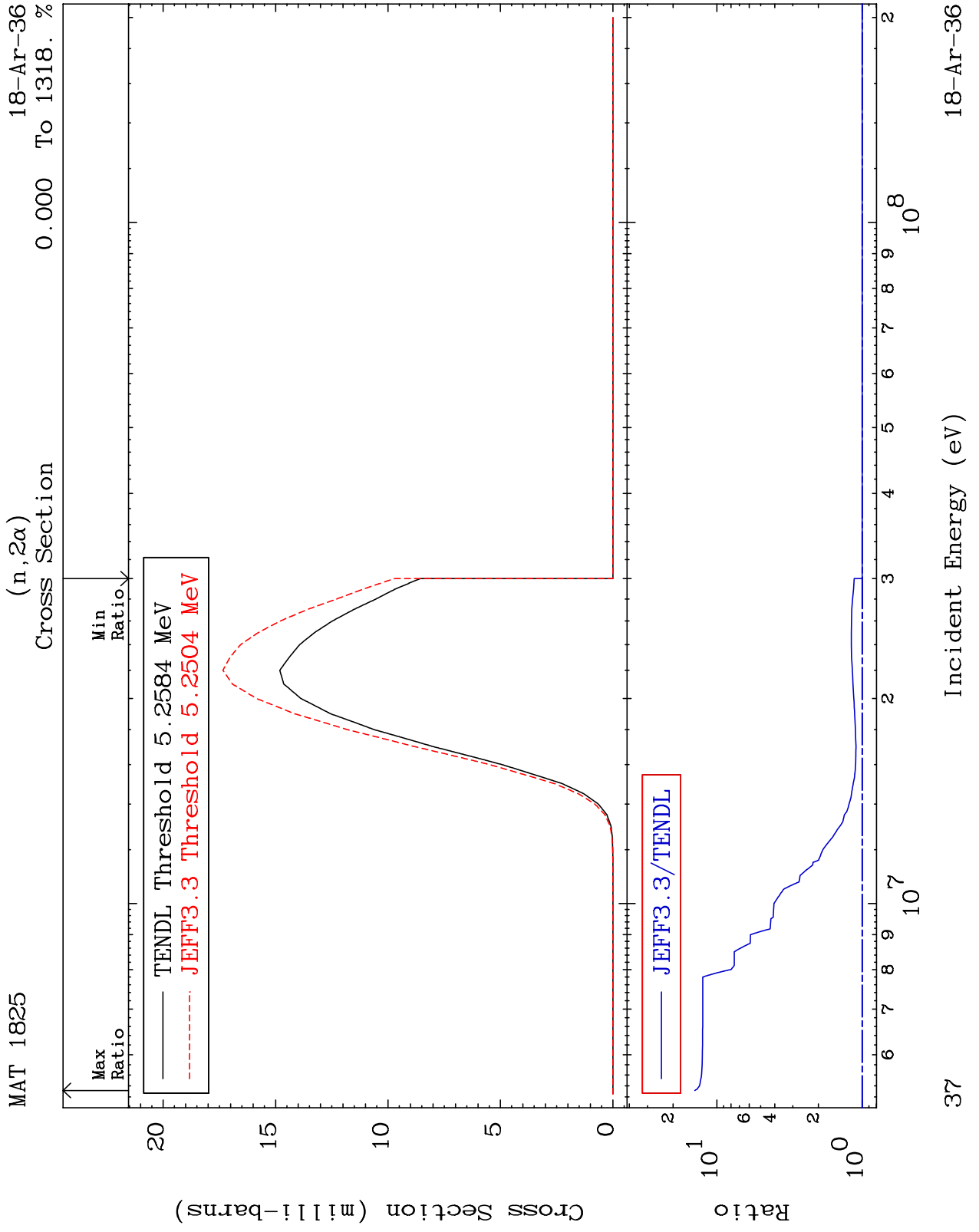
-9.258 To 278.3 %

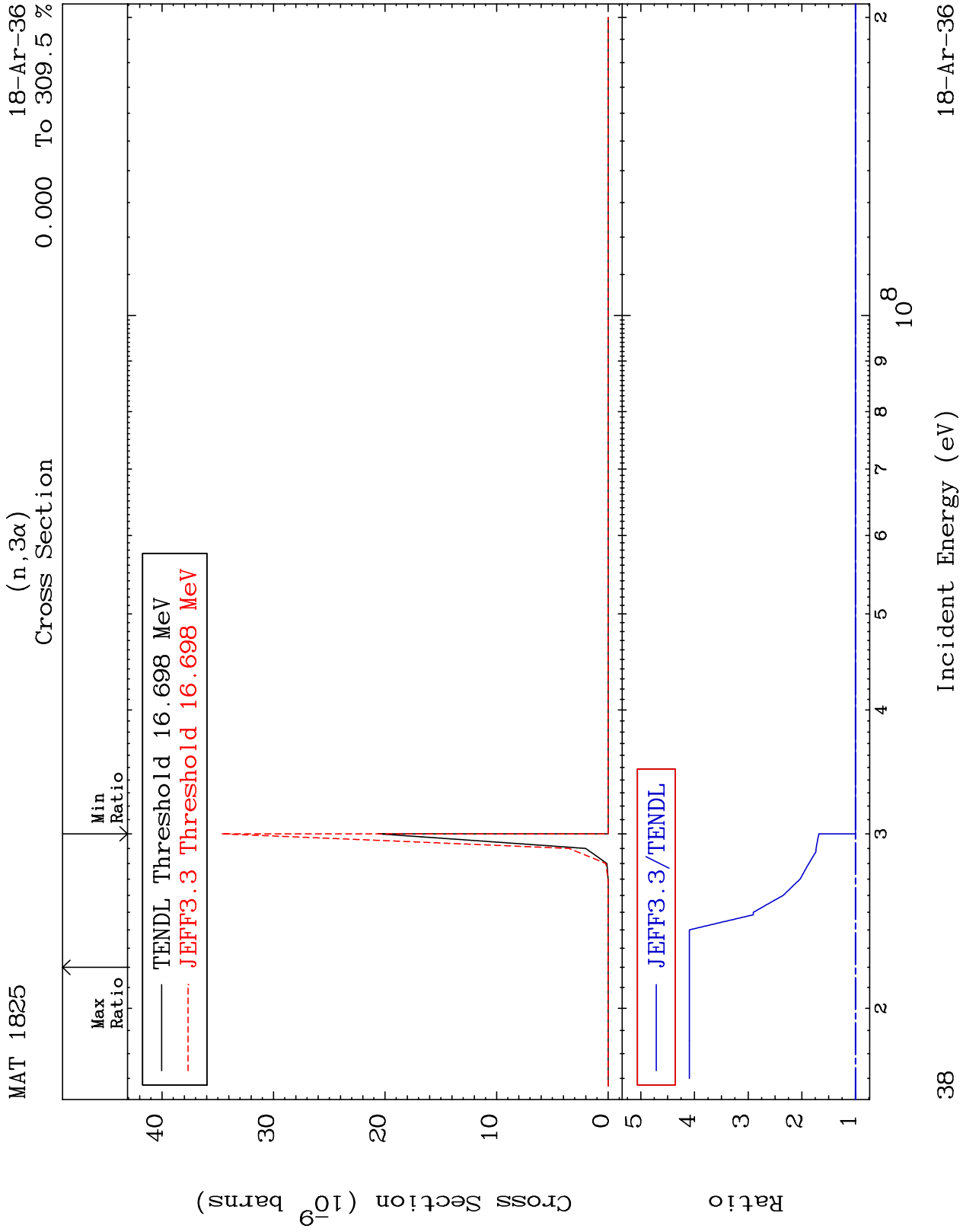


36

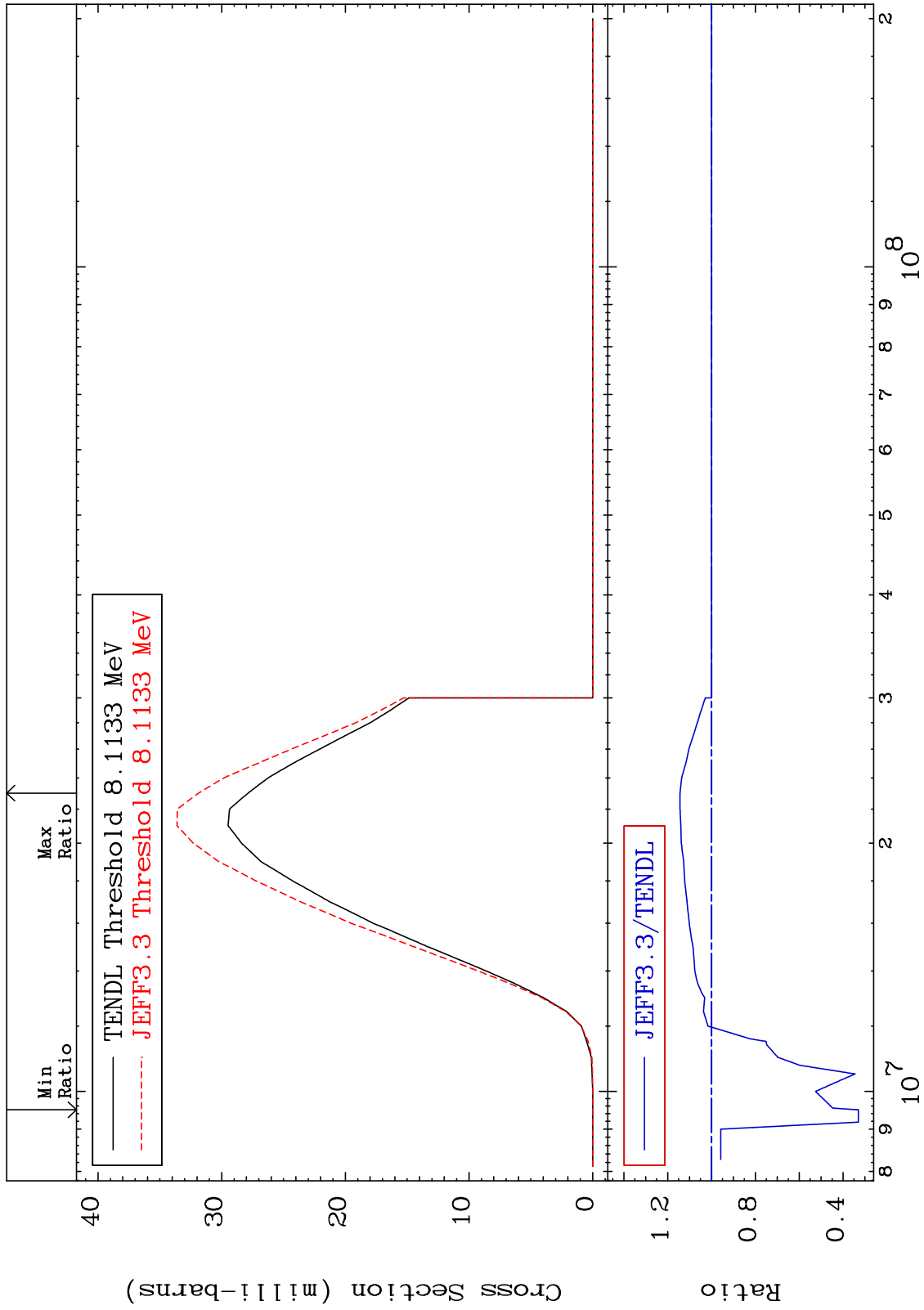
Incident Energy (eV)

18-Ar-36

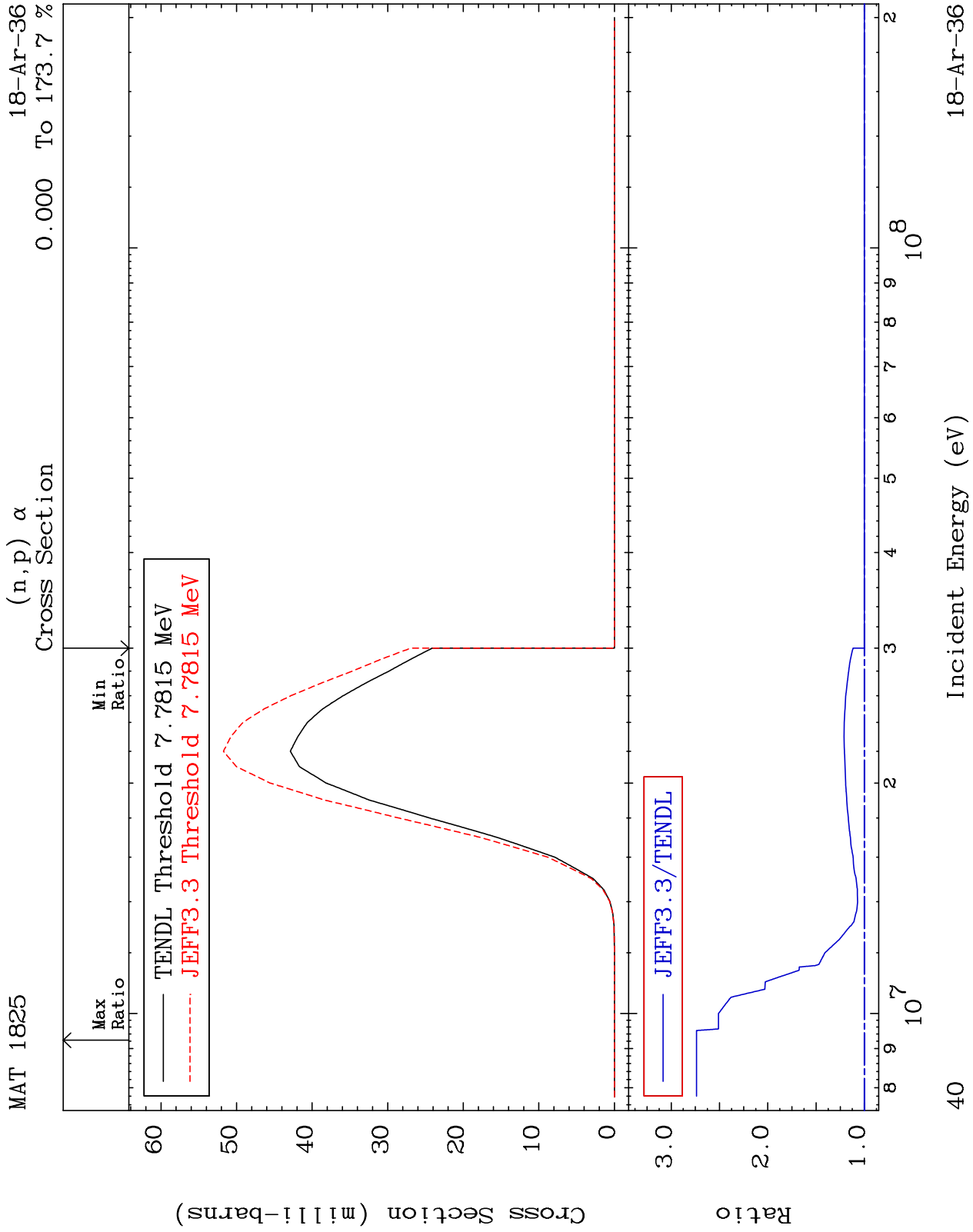




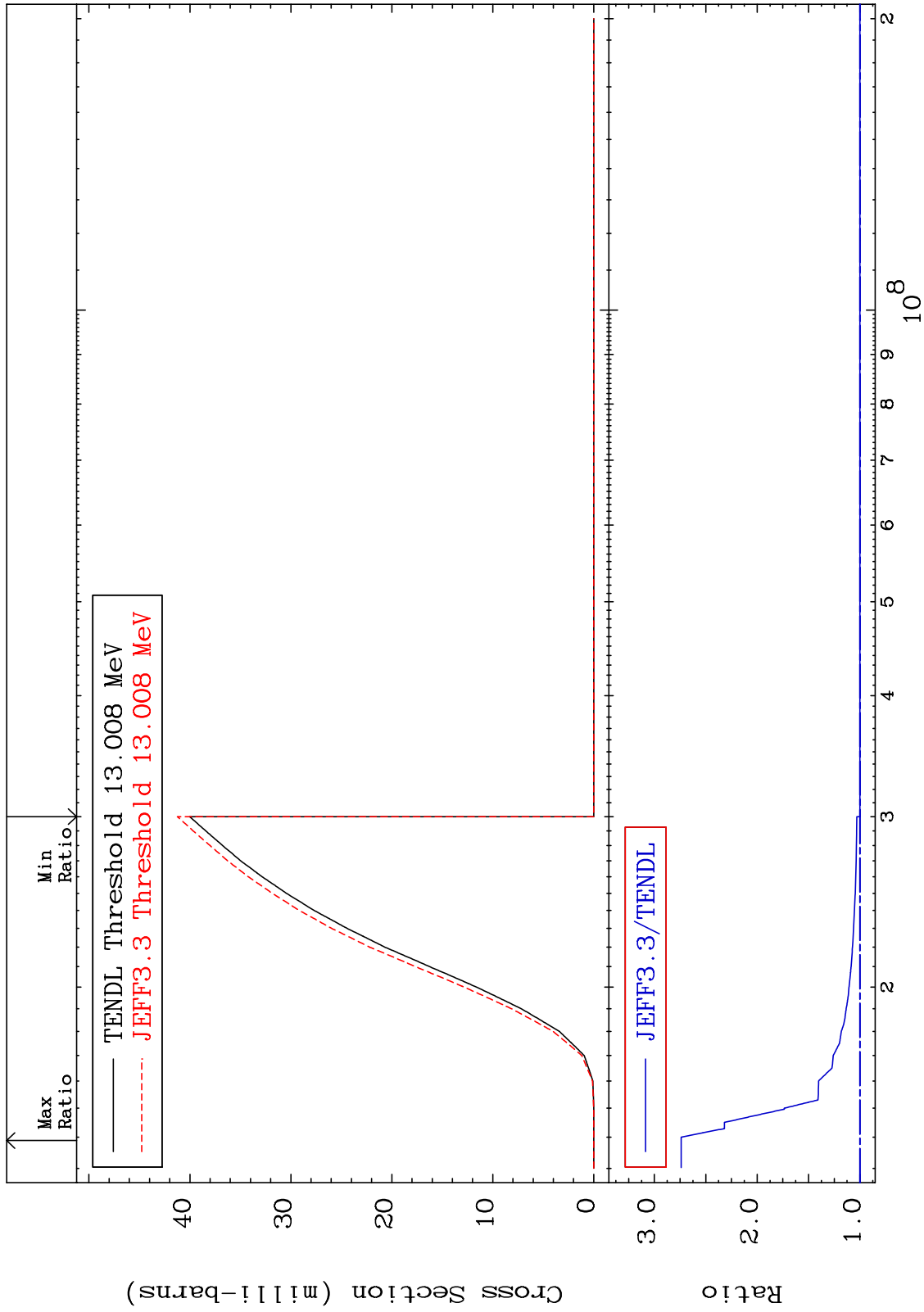
MAT 1825 (n,2p) Cross Section 18-Ar-36  
-66.99 To 14.36 %







MAT 1825 (n,p) d 18-Ar-36  
Cross Section 0.000 To 173.9 %



18-Ar-36

Incident Energy (eV)

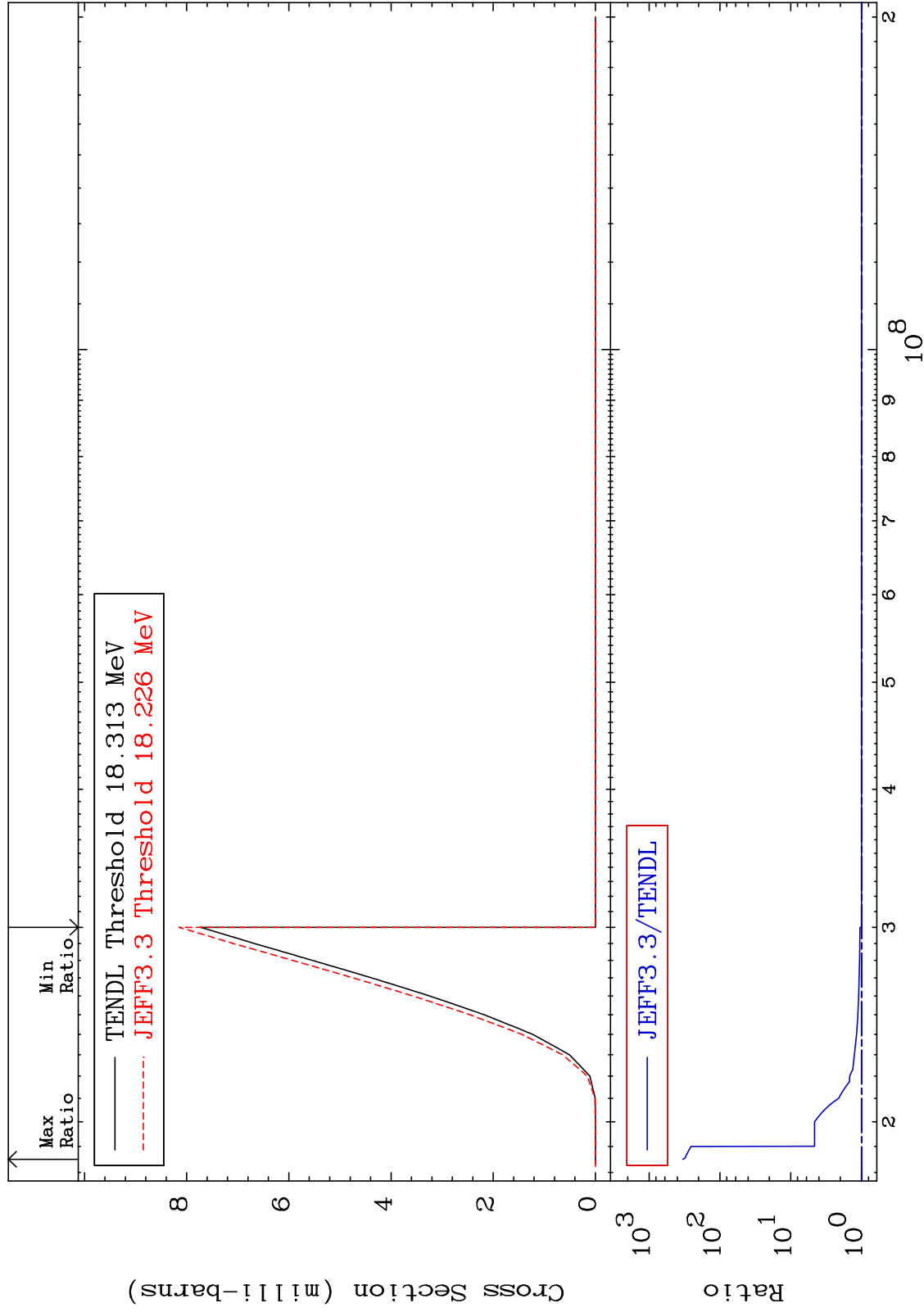
MAT 1825

(n,p) t

18-Ar-36

Cross Section

0.000 To 9999. %



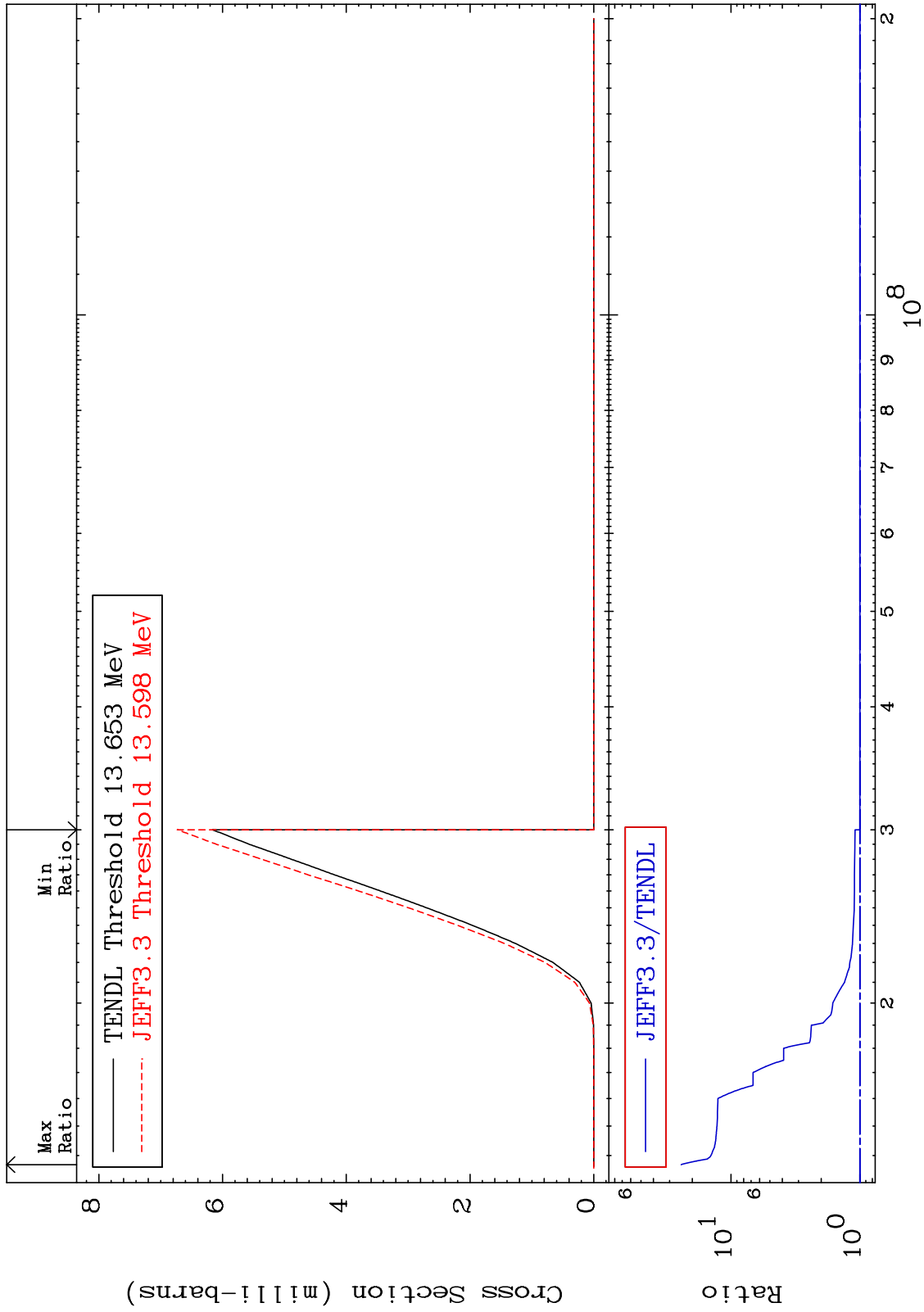
MAT 1825

(n,d)  $\alpha$

18-Ar-36

Cross Section

0.000 To 2337. %



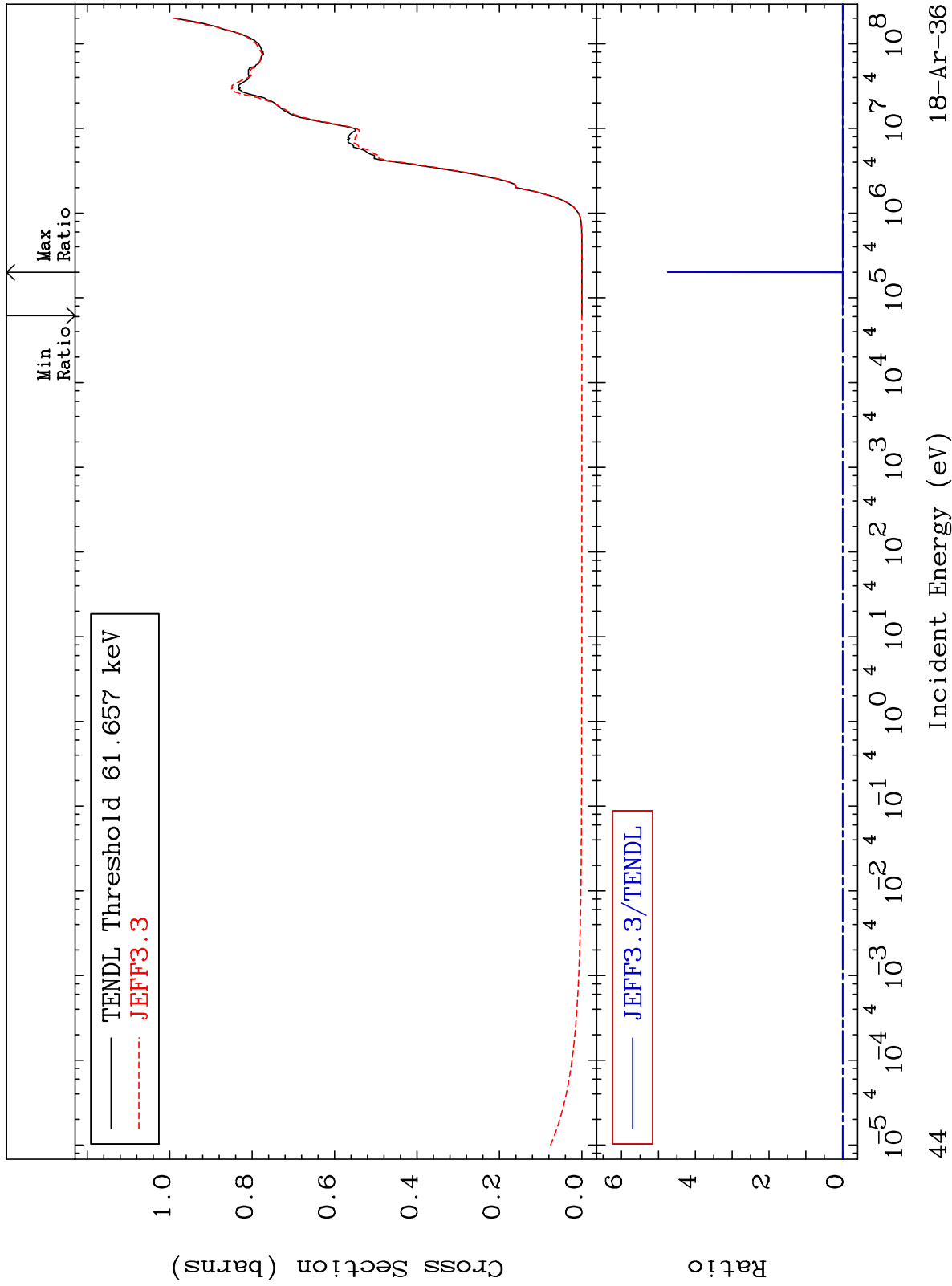
18-Ar-36

43

MAT 1825

Hydrogen Production  
Cross Section

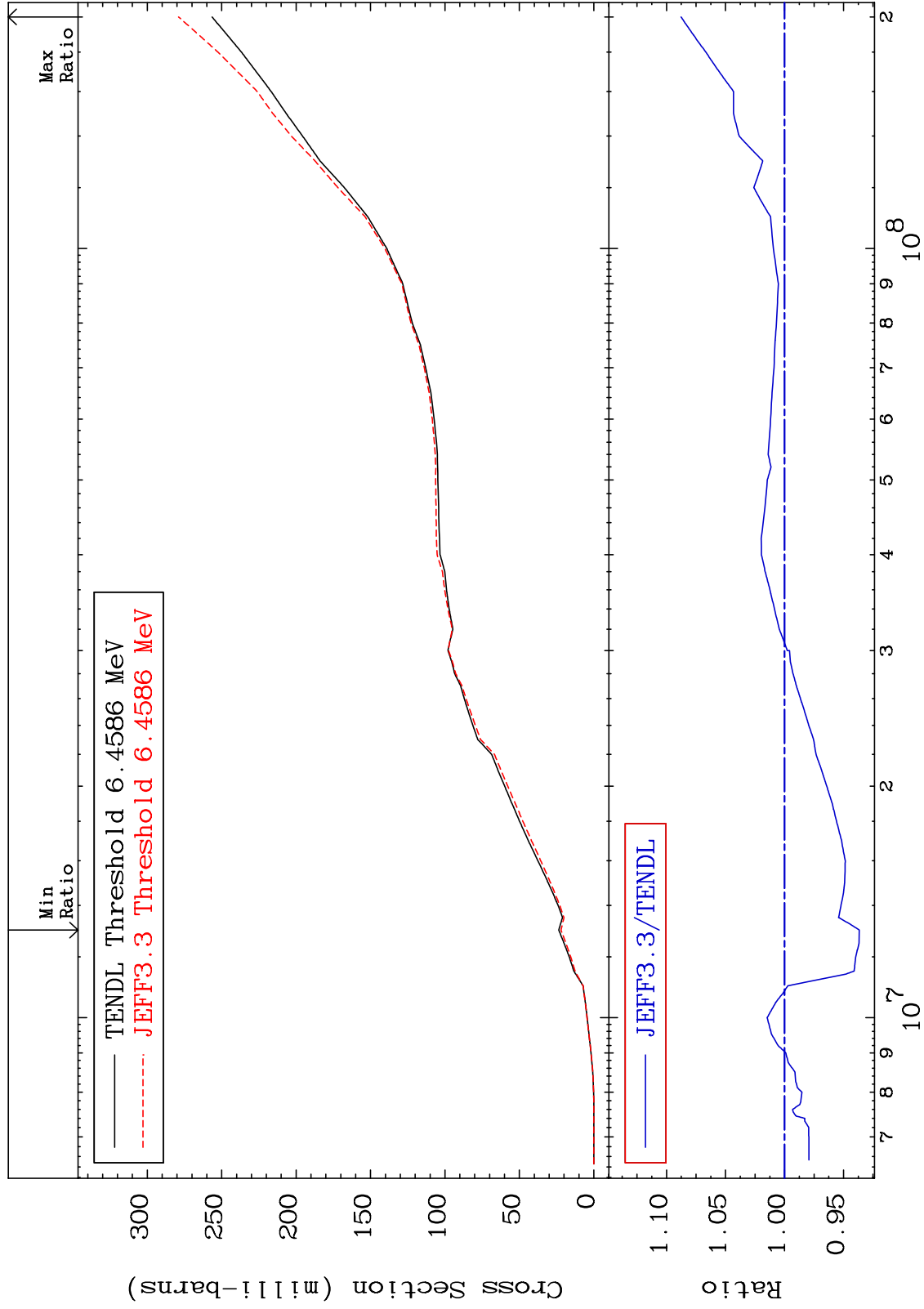
18-Ar-36  
-100.0 To 9999. %



MAT 1825

Deuterium Production  
Cross Section

18-Ar-36  
-6.332 To 8.768 %

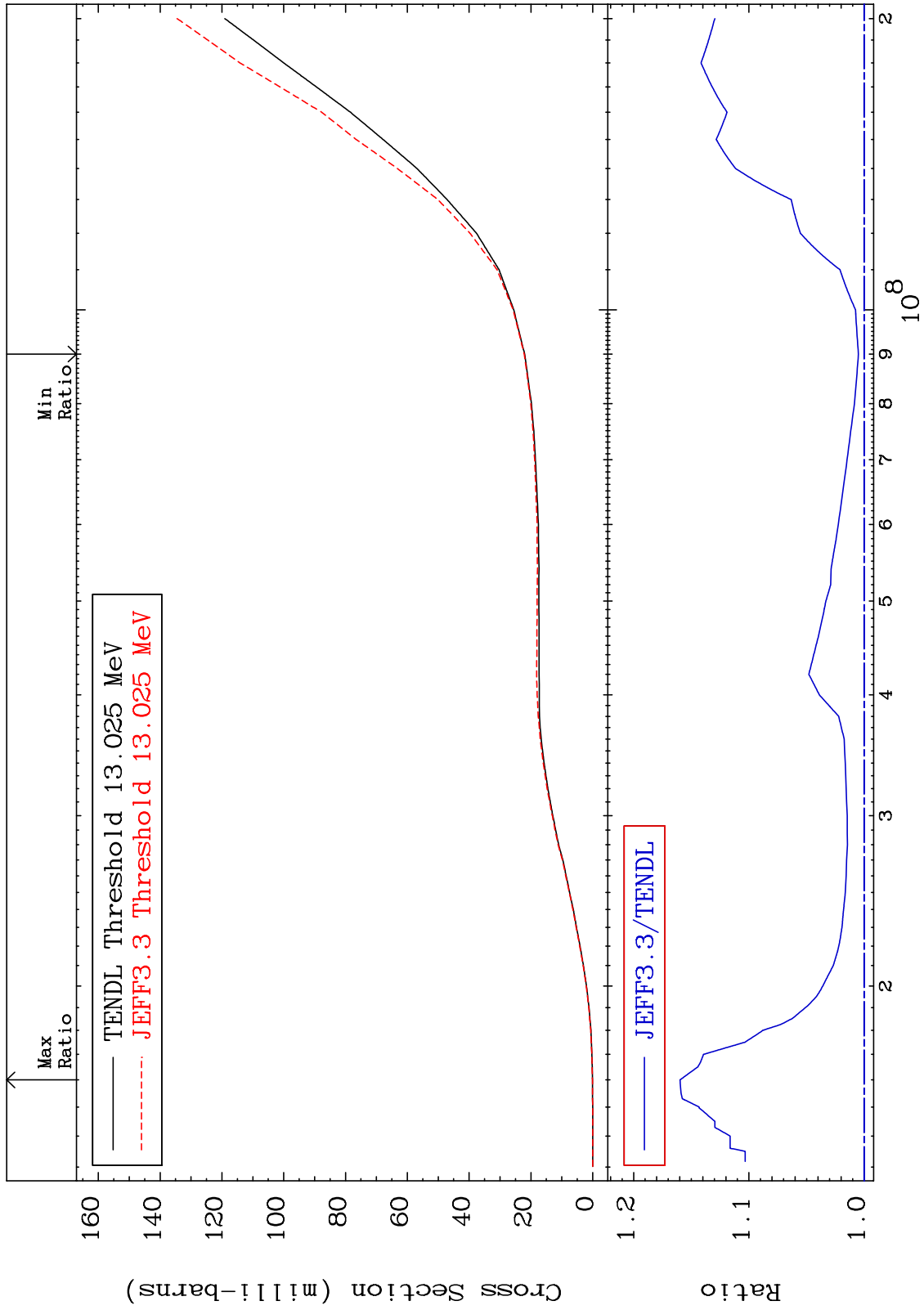


45

Incident Energy (eV)

18-Ar-36

MAT 1825 Tritium Production Cross Section 18-Ar-36 To 15.98 %



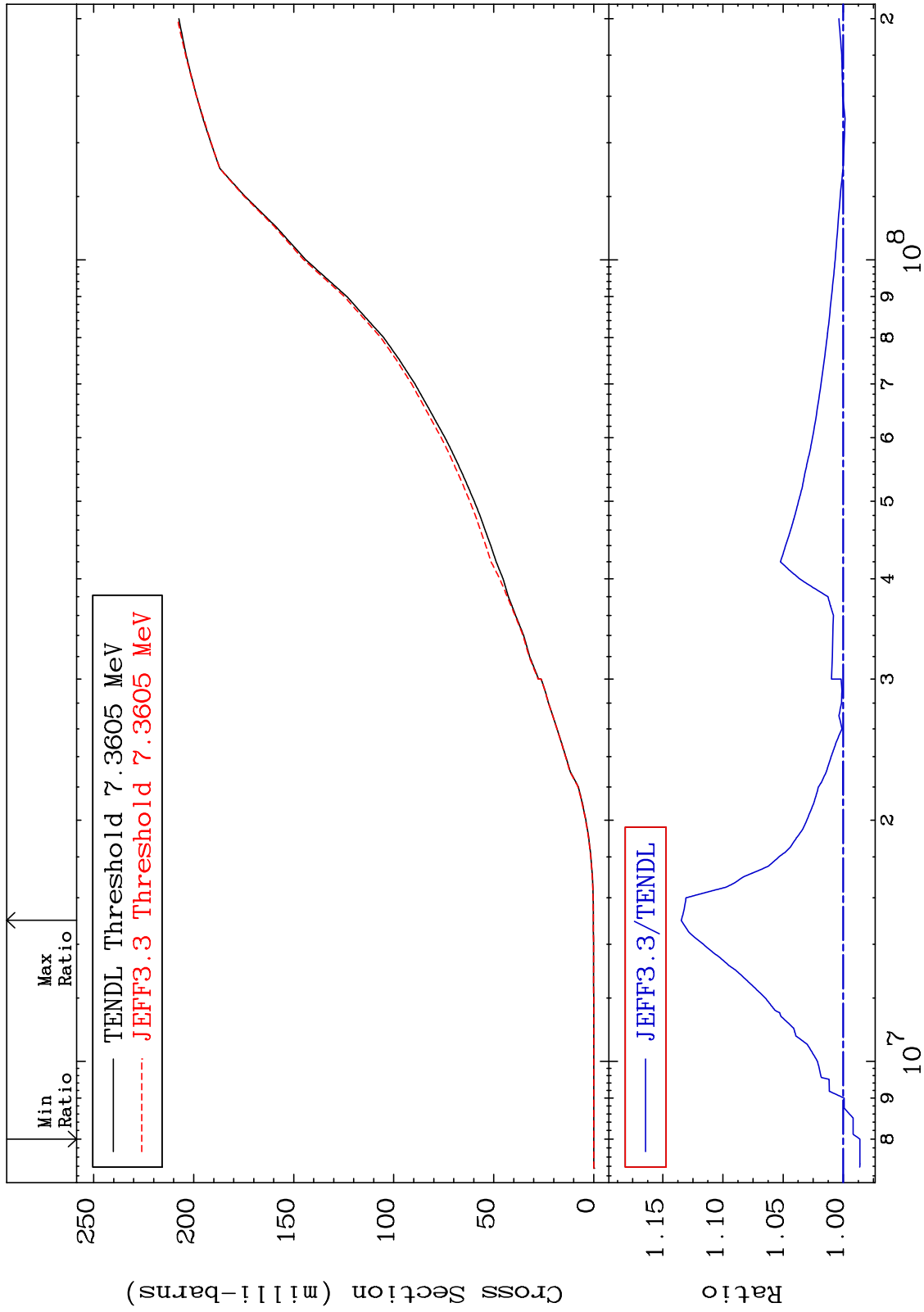
18-Ar-36

Incident Energy (eV)

MAT 1825

He-3 Production  
Cross Section

18-Ar-36  
-1.385 To 13.47 %



47

Incident Energy (eV)

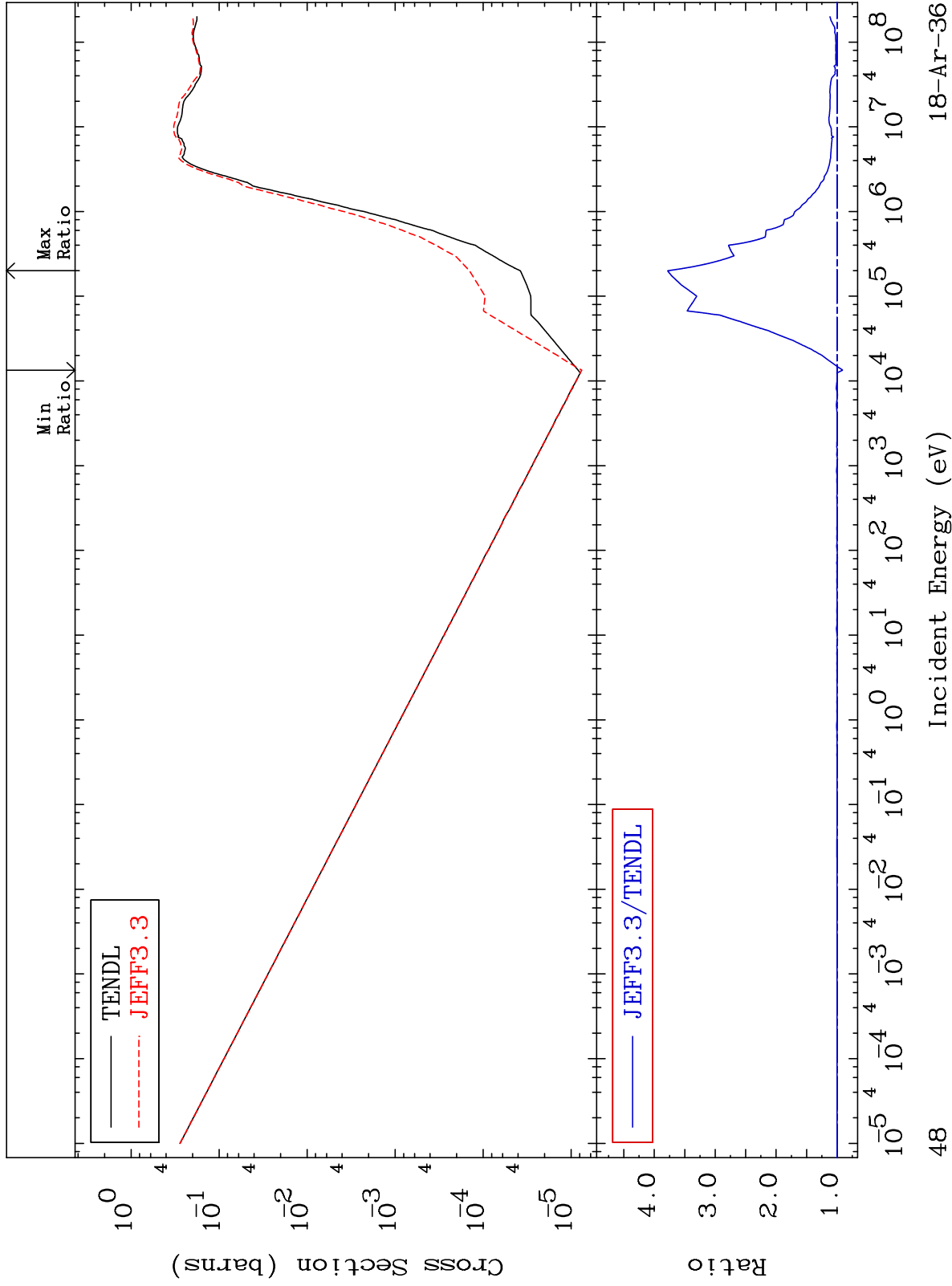
18-Ar-36



MAT 1825

He-4 Production  
Cross Section

18-Ar-36  
-9.258 To 278.3 %



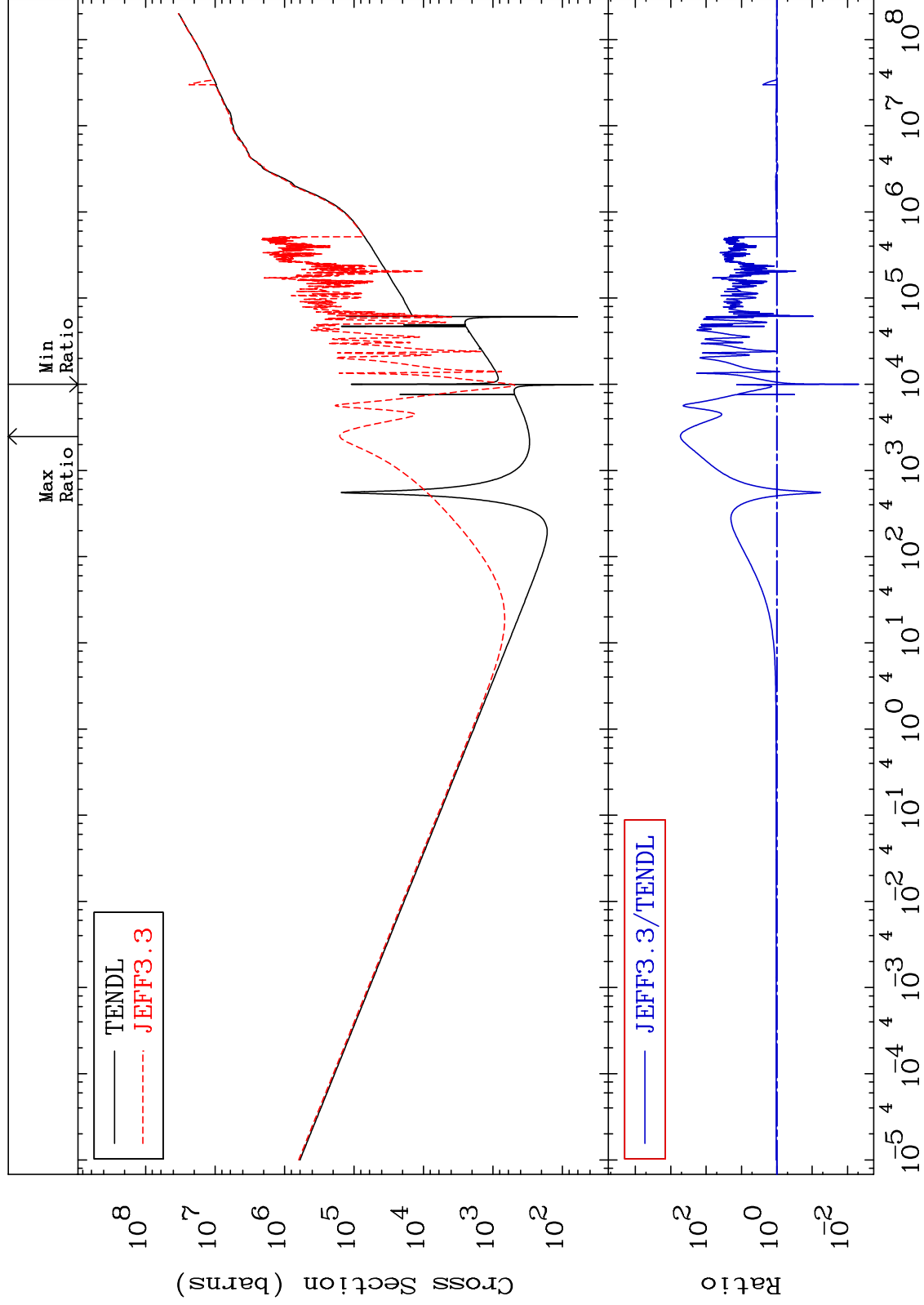
48

18-Ar-36

MAT 1825

Kerma total (eV-barns)  
Cross Section

18-Ar-36  
-99.51 To 9999. %



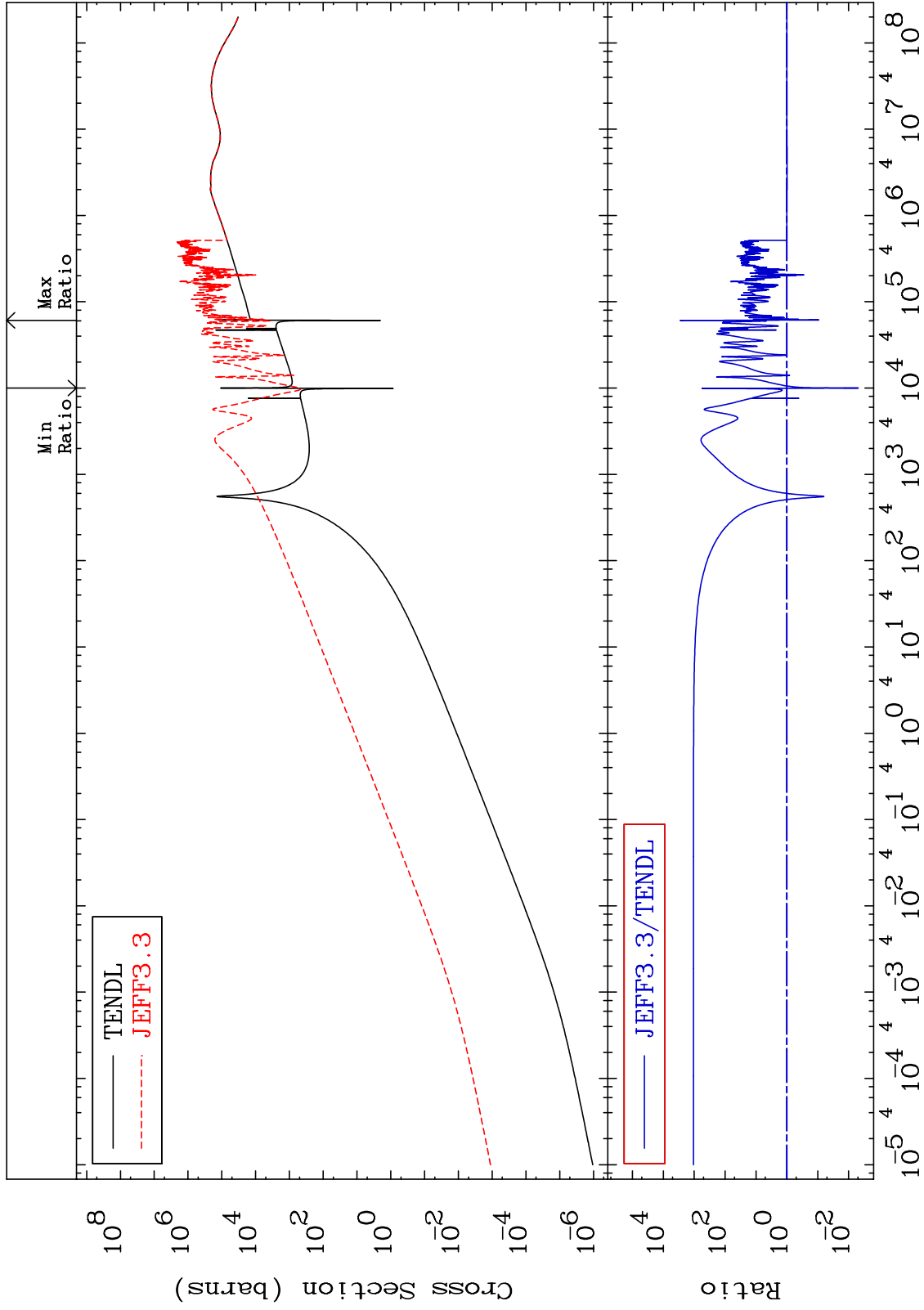
49

18-Ar-36

MAT 1825

Kerma elastic  
Cross Section

18-Ar-36  
-99.52 To 9999. %



50

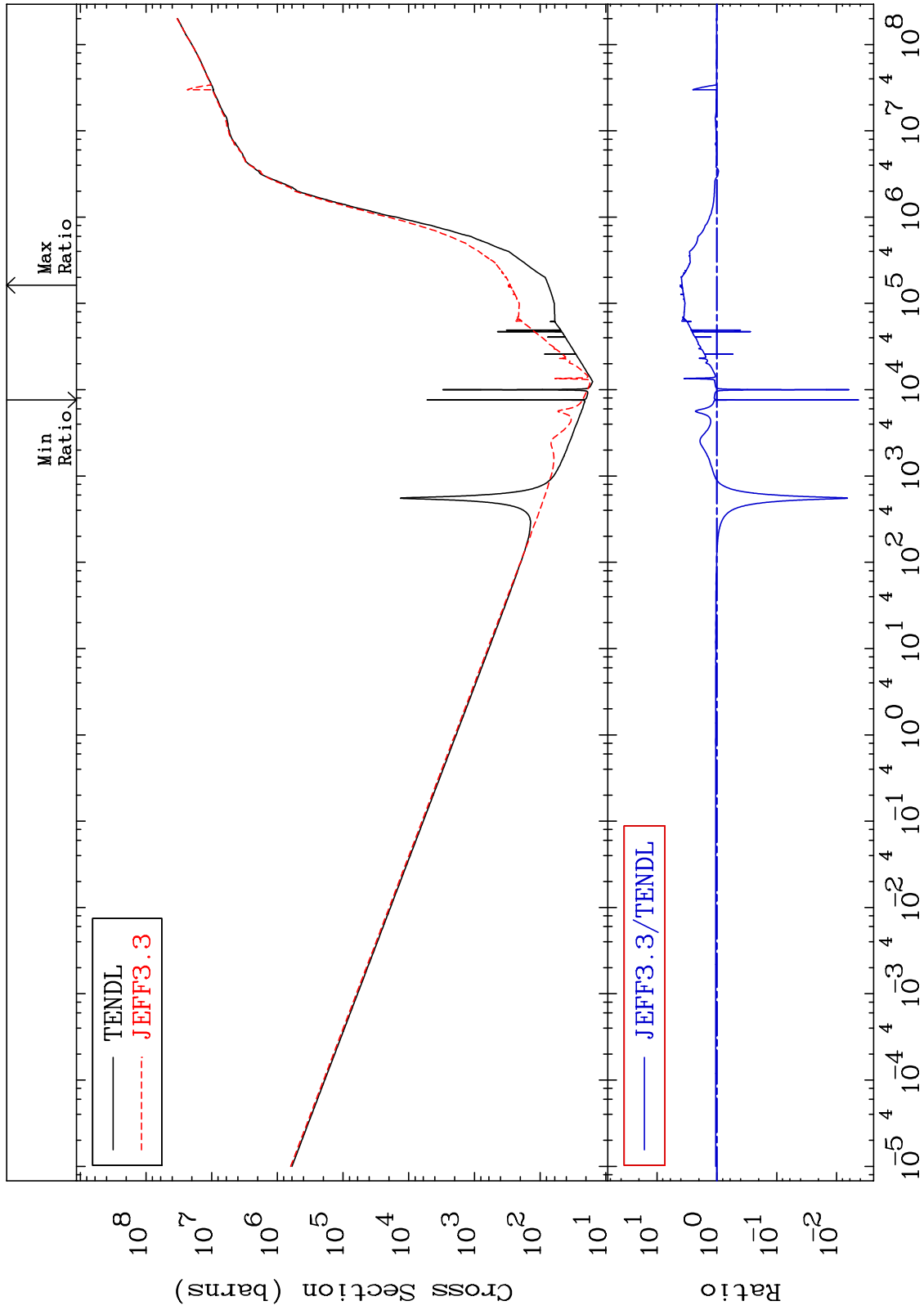
Incident Energy (eV)

18-Ar-36

MAT 1825

Kerma non-elastic (all but mt2)  
Cross Section

18-Ar-36  
-99.57 To 312.4 %



51

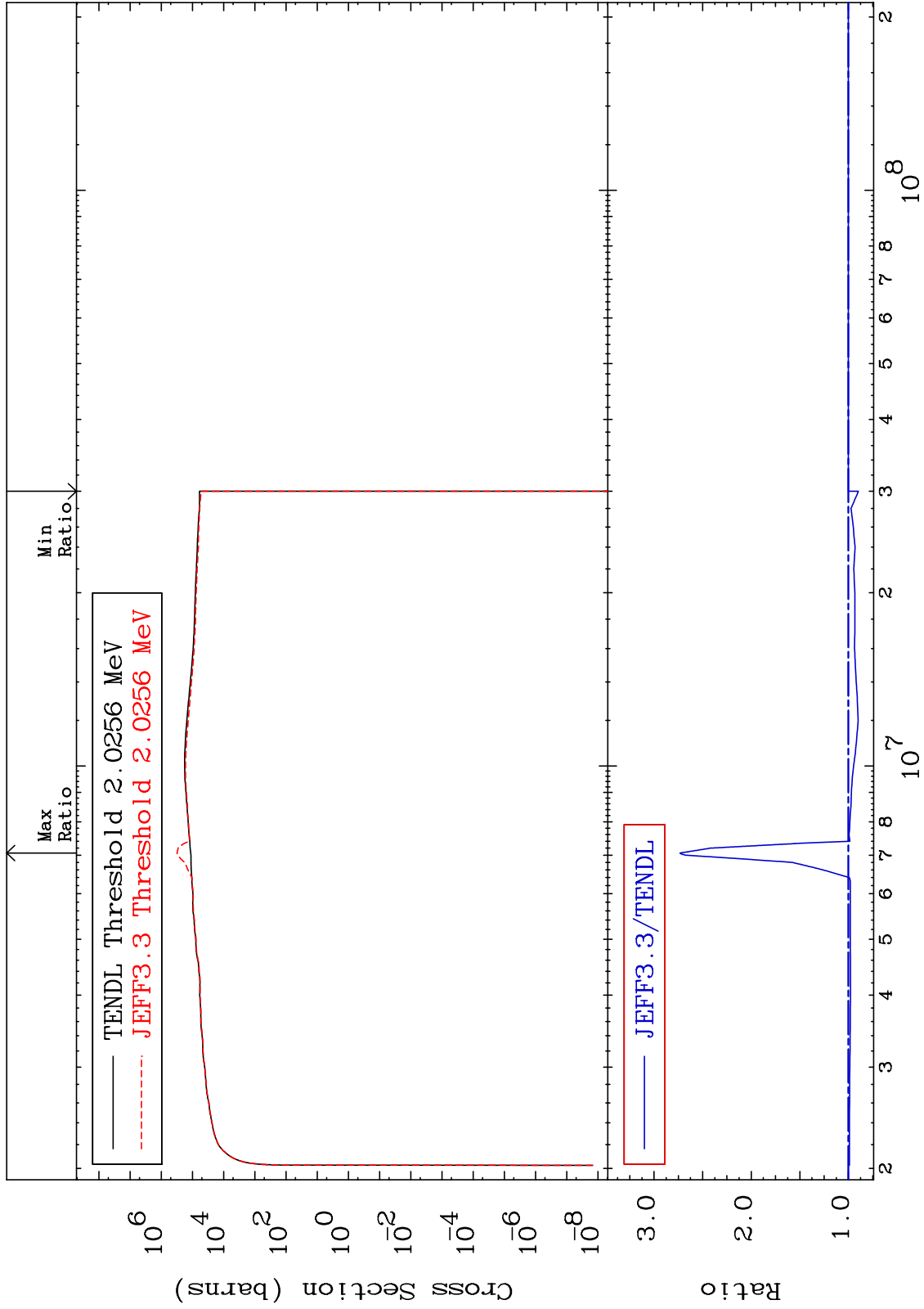
Incident Energy (eV)

18-Ar-36

MAT 1825

Kerma inelastic (mt51-91)  
Cross Section

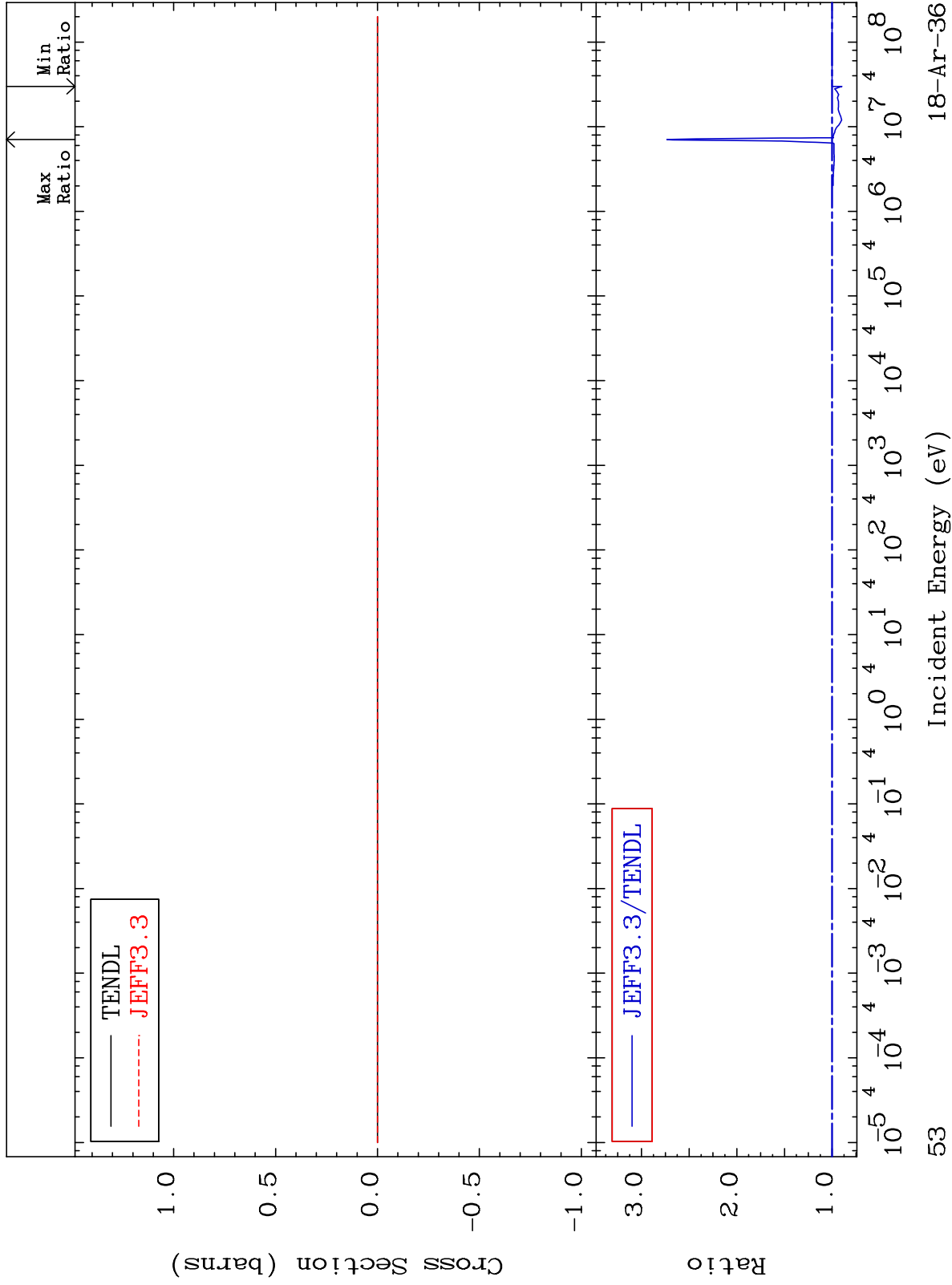
18-Ar-36  
-10.30 To 173.3 %



MAT 1825

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

18-Ar-36  
-10.30 To 173.3 %



53

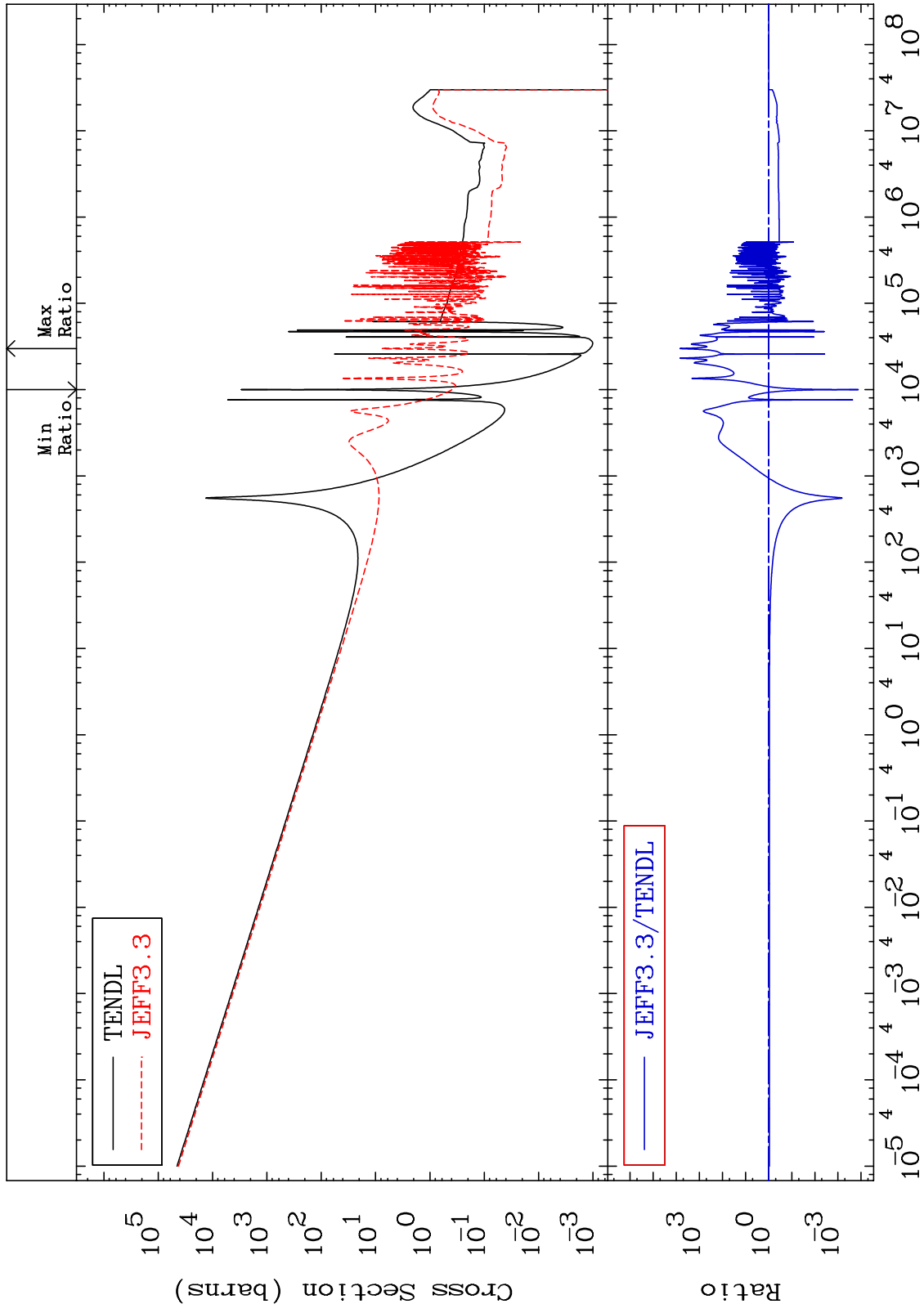
Incident Energy (eV)

18-Ar-36

MAT 1825

Kerma capture (mt102)  
Cross Section

18-Ar-36  
-99.99 To 9999. %



54

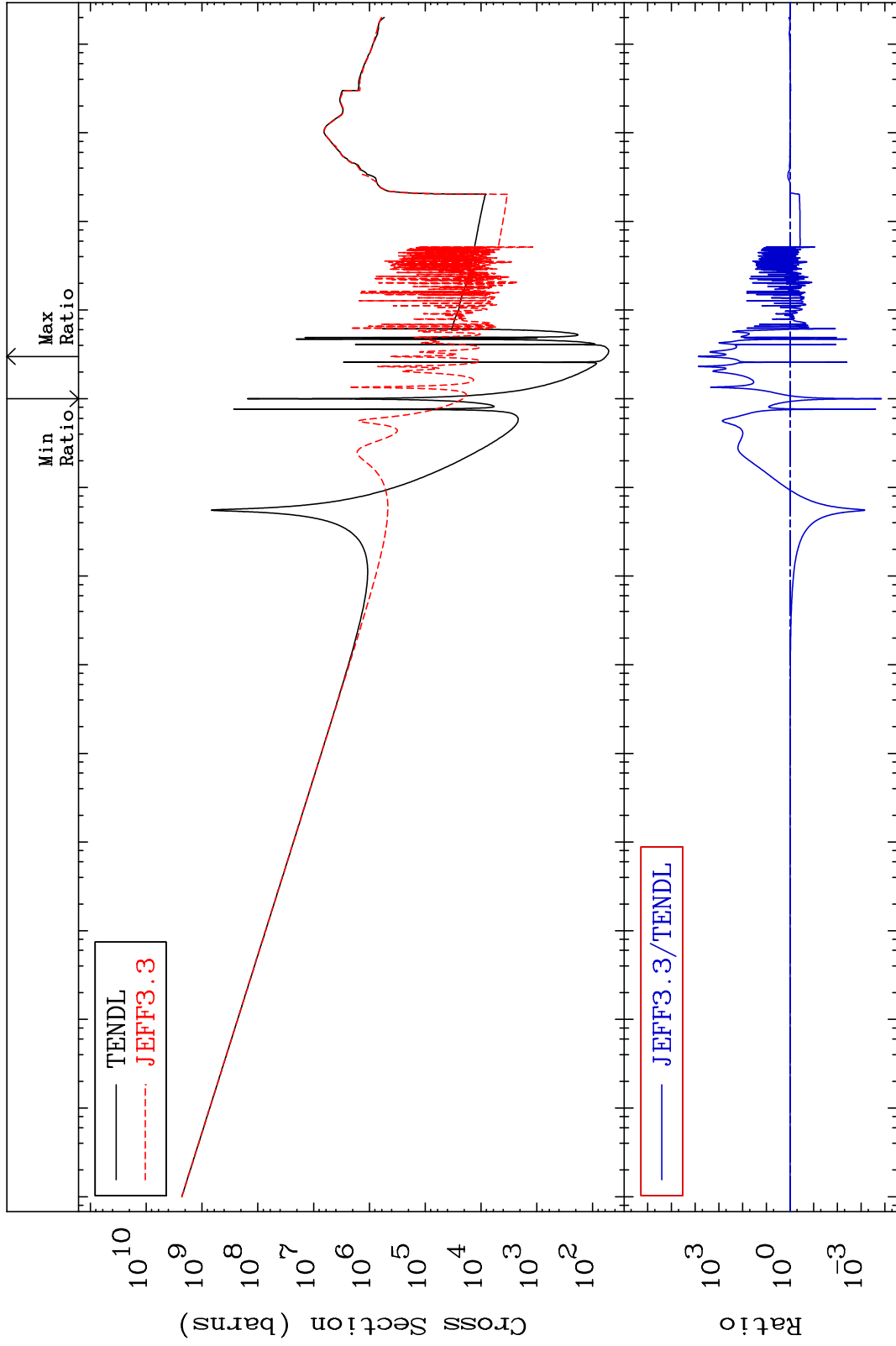
Incident Energy (eV)

18-Ar-36

MAT 1825

Total photon (eV-barns)  
Cross Section

18-Ar-36  
-99.99 To 9999. %



55

Incident Energy (eV)

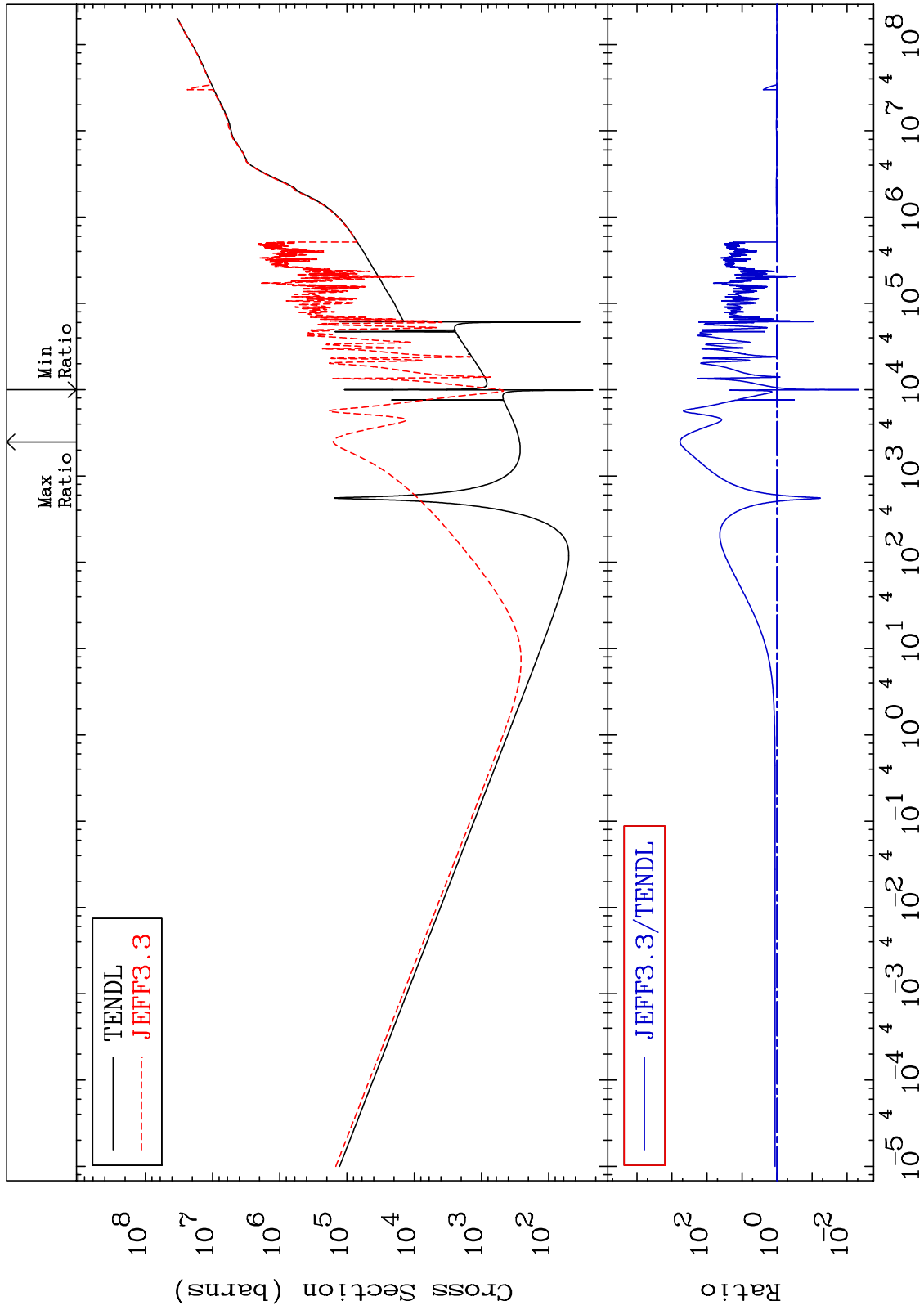
18-Ar-36



MAT 1825

Total kinematic kerma (high limit)  
Cross Section

18-Ar-36  
-99.53 To 9999. %



56

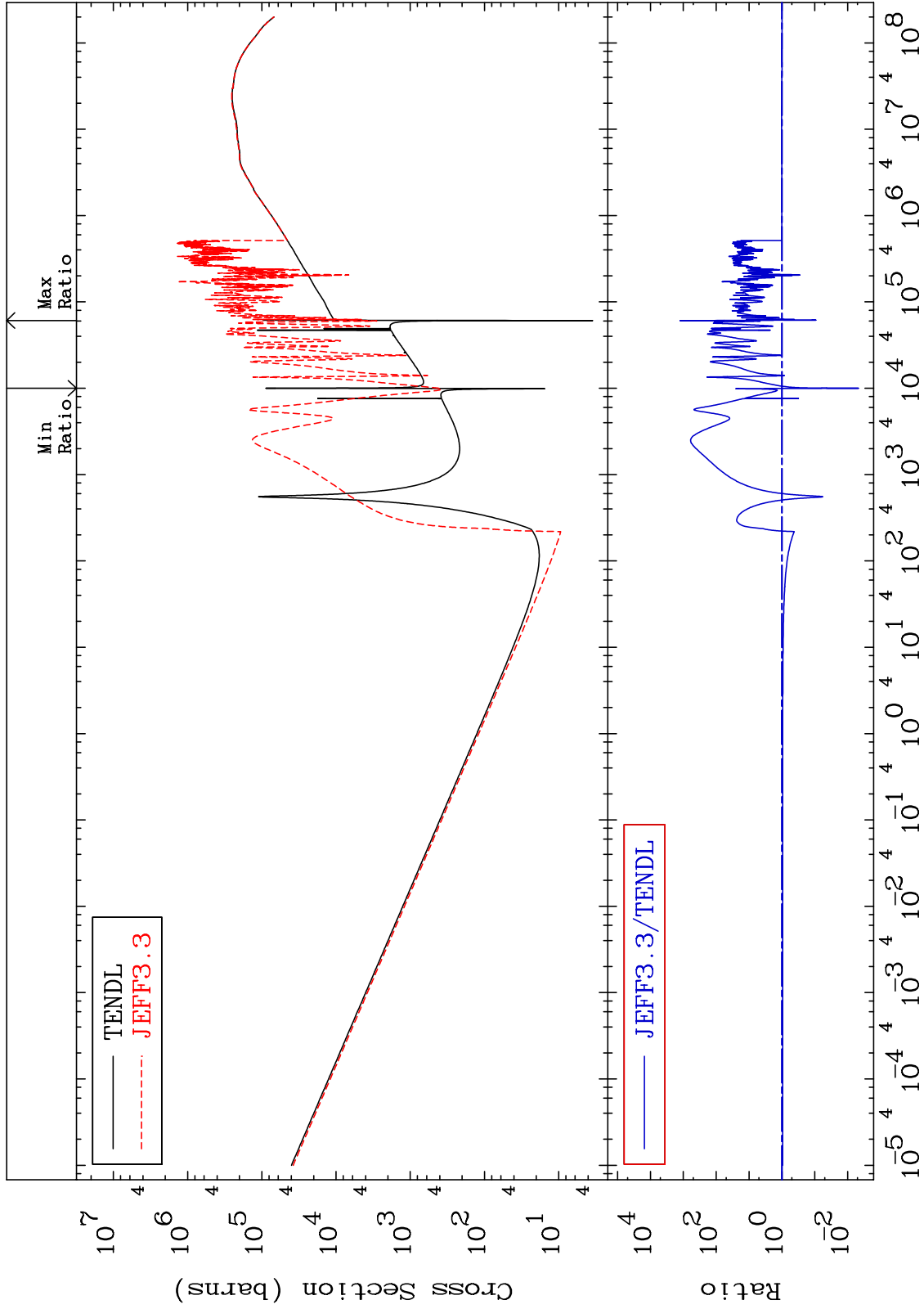
Incident Energy (eV)

18-Ar-36

MAT 1825

Dpa total (eV-barns)  
Cross Section

18-Ar-36  
-99.53 To 9999. %



57

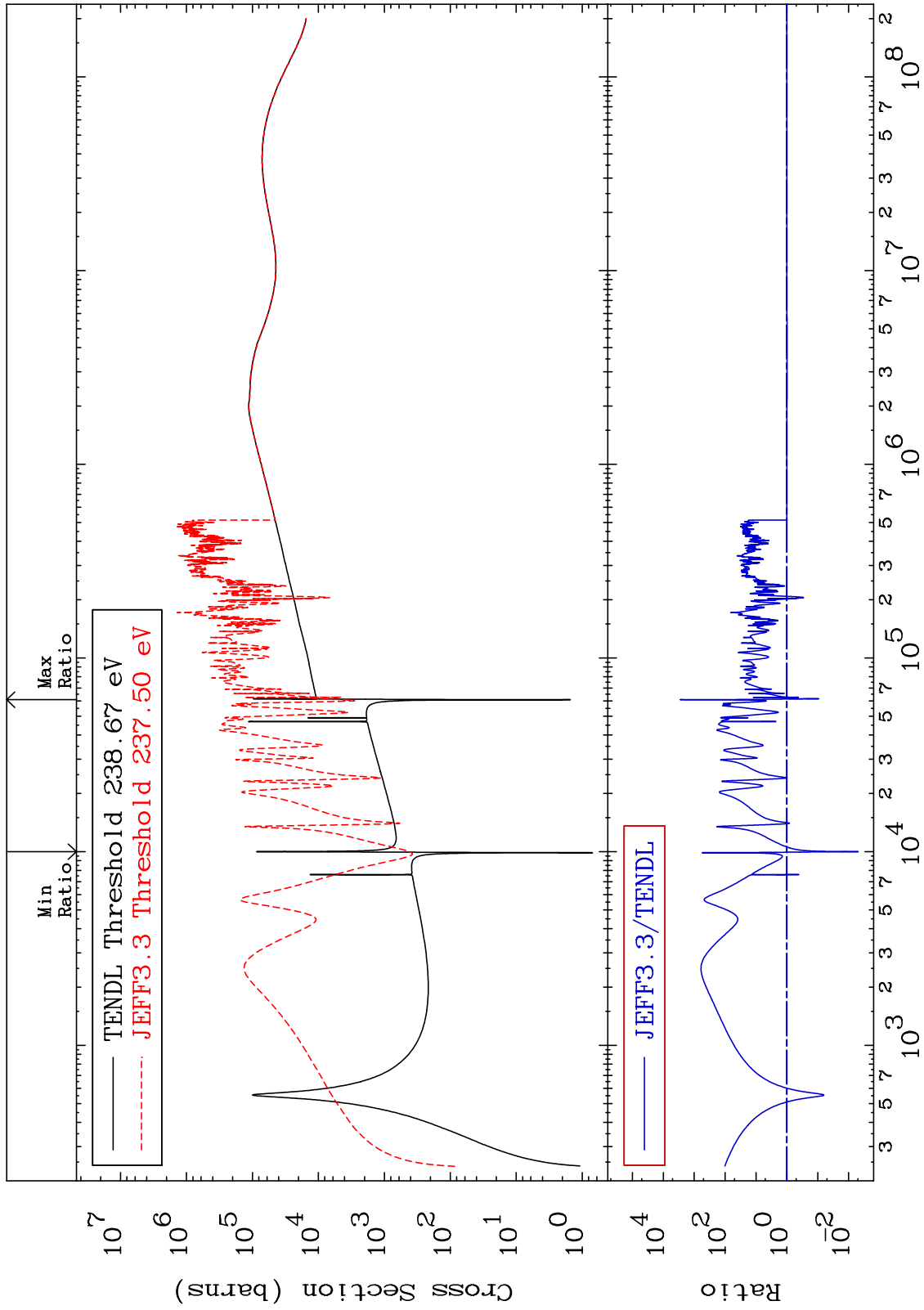
Incident Energy (eV)

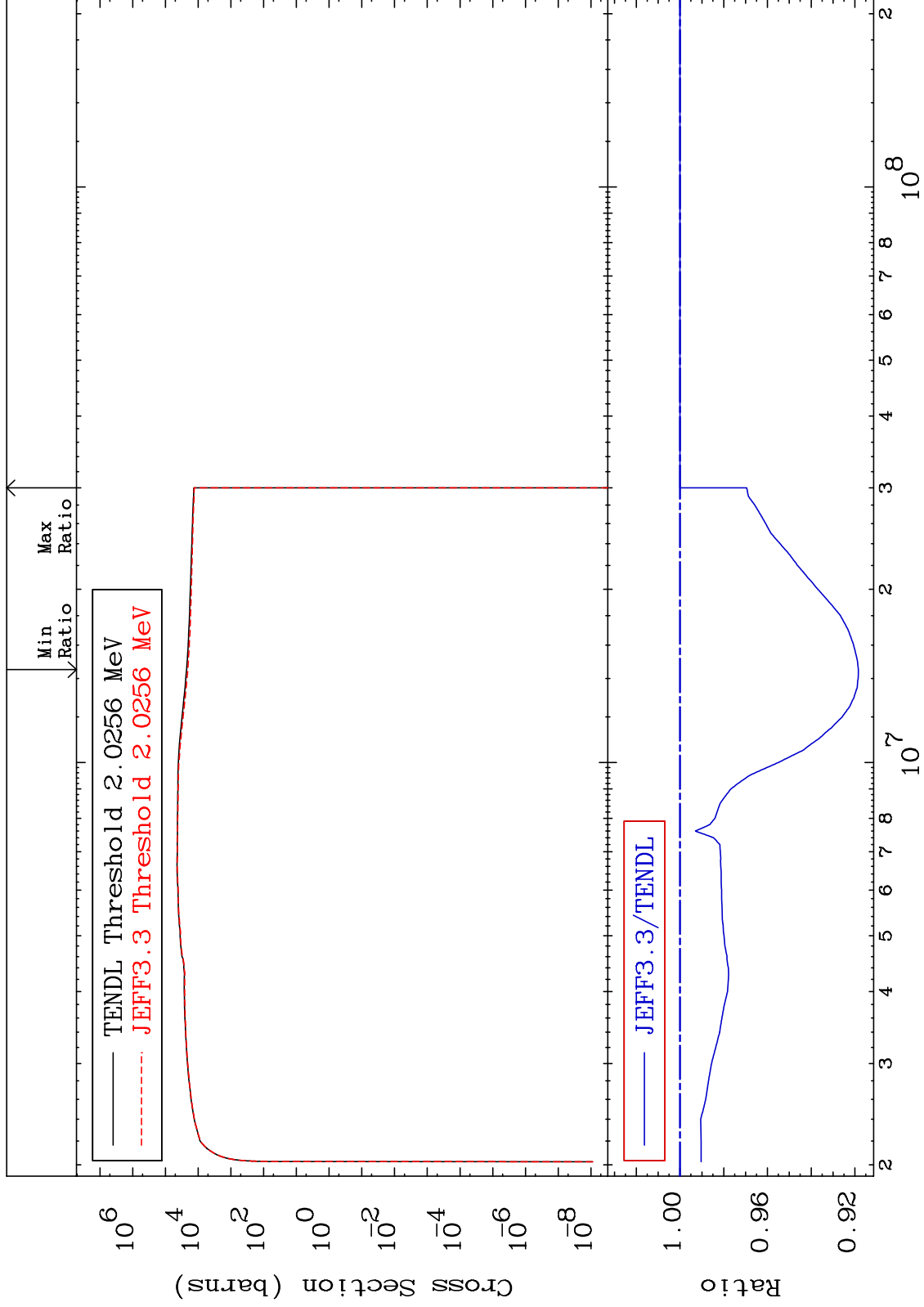
18-Ar-36

MAT 1825

Dpa elastic (mt2)  
Cross Section

18-Ar-36  
-99.52 To 9999. %

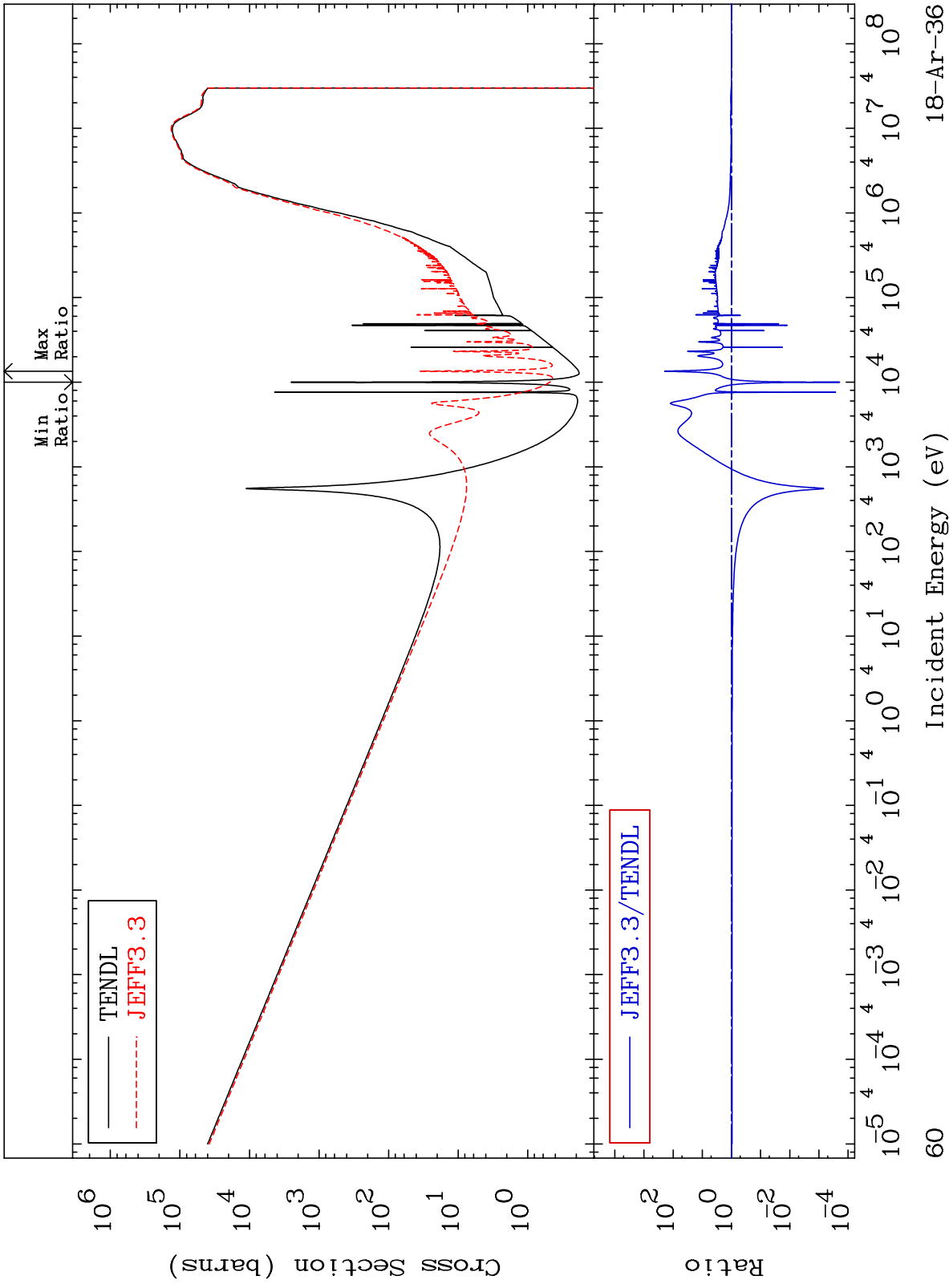




MAT 1825

Dpa disappearance (mt102 -120)  
Cross Section

18-Ar-36  
-99.98 To 9999. %



60

Incident Energy (eV)

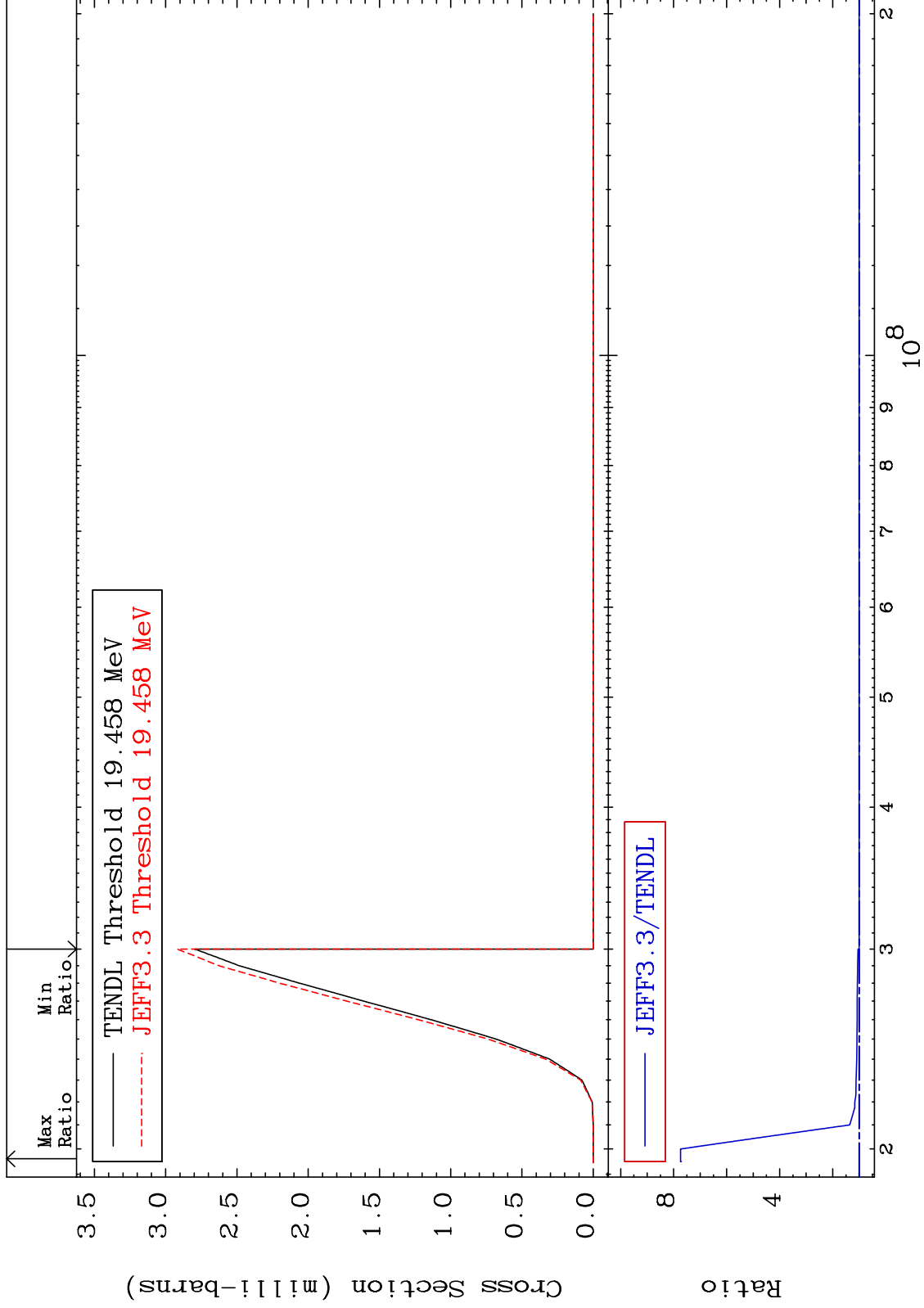
18-Ar-36

MAT 1825

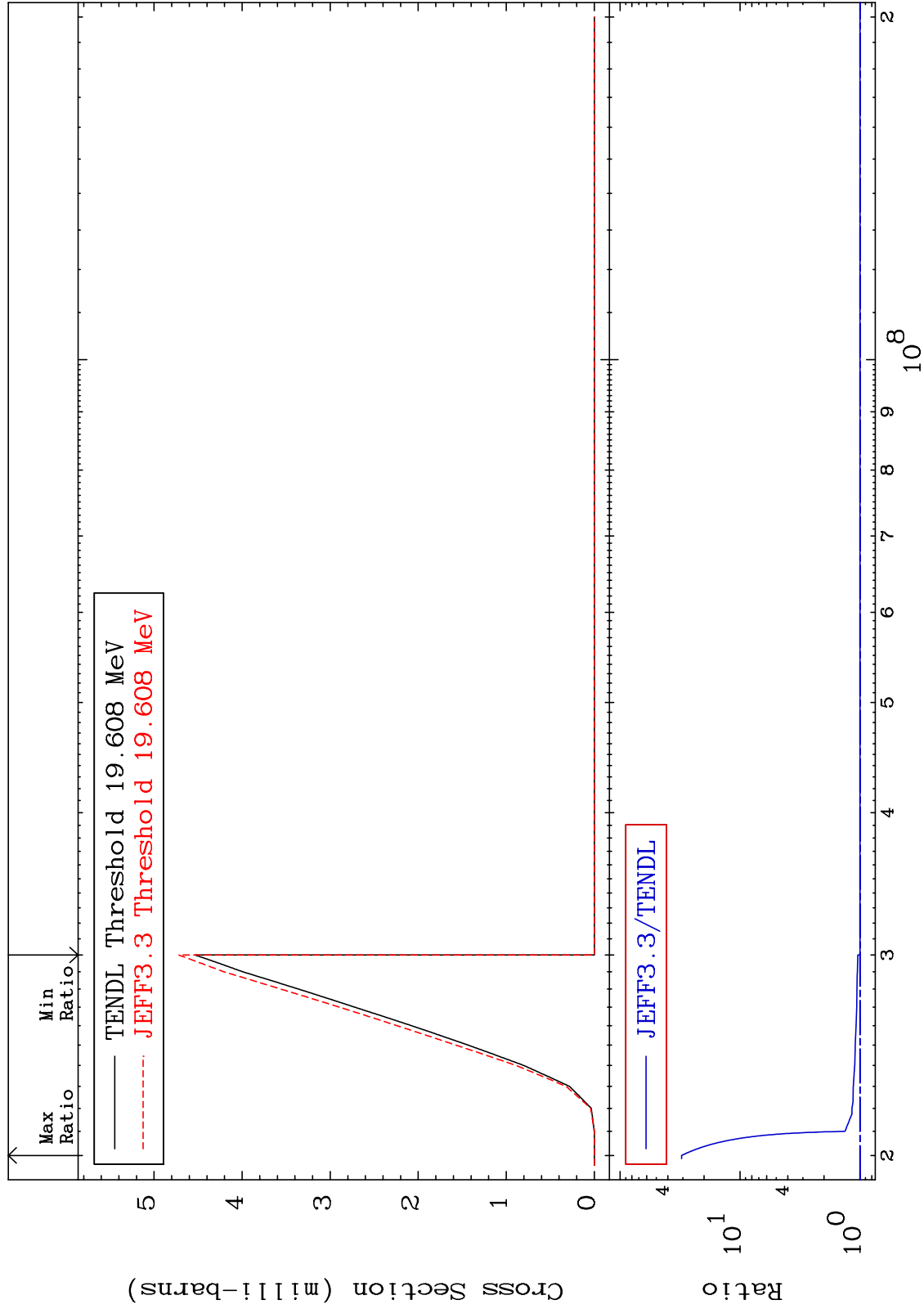
(n, n') d: 17-Cl-34g

18-Ar-36

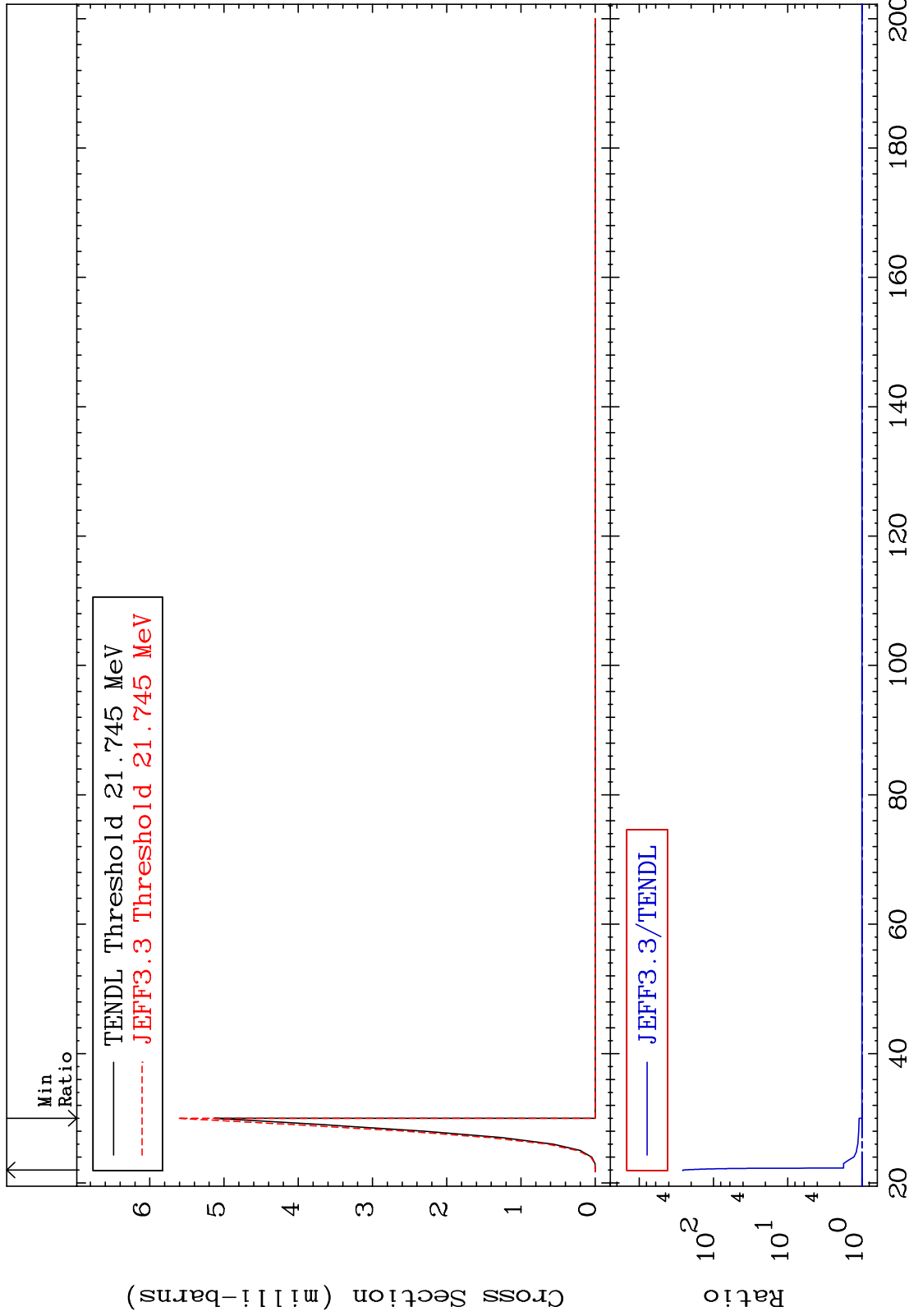
Radionuclide Production Cross Section 0.000 To 673.7 %



Radionuclide Production Cross Section 0.000 To 2972. %



Radionuclide Production Cross Section 0.000 To 9999. %



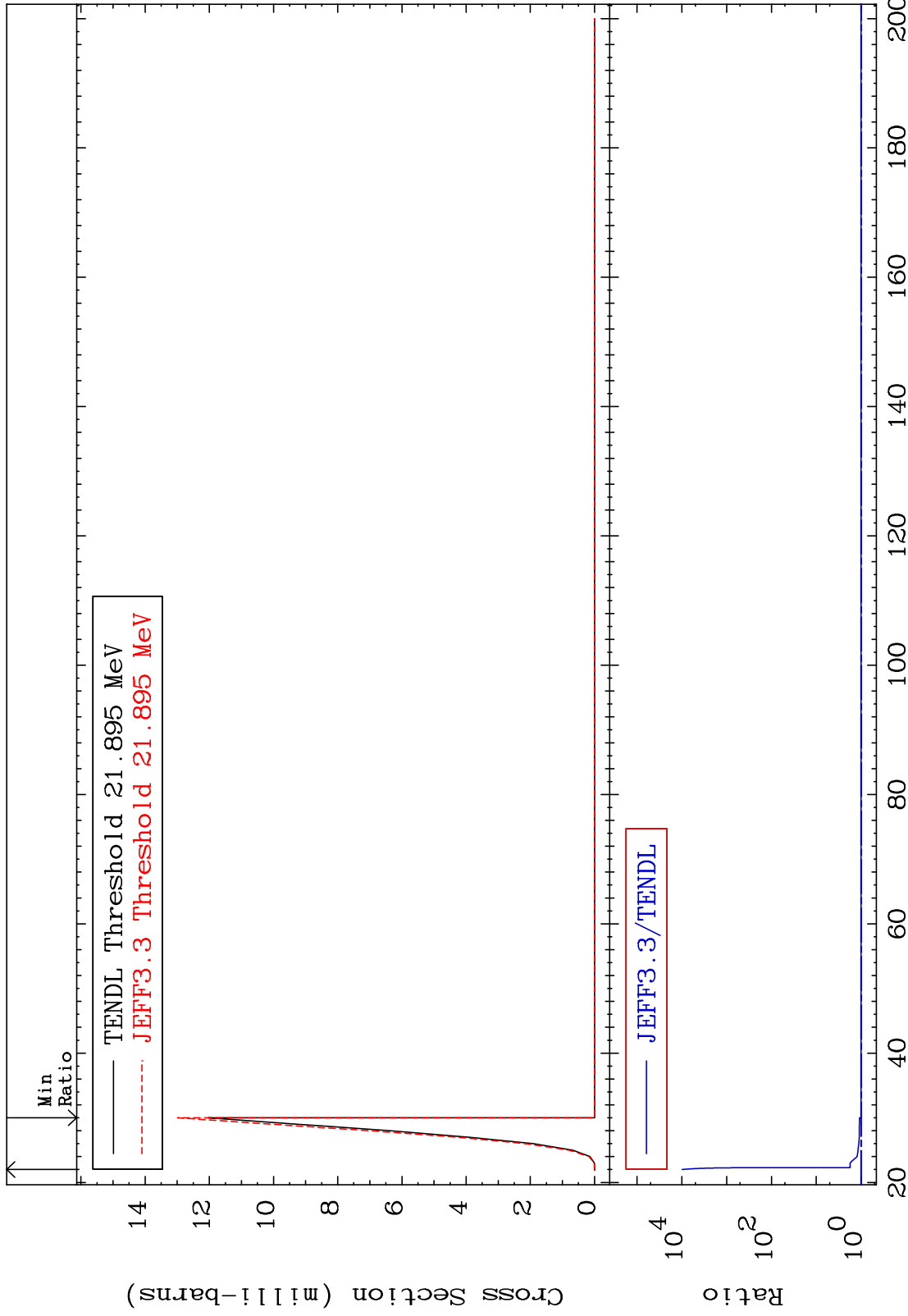


MAT 1825

(n,2n) p:17-Cl-34m1

18-Ar-36

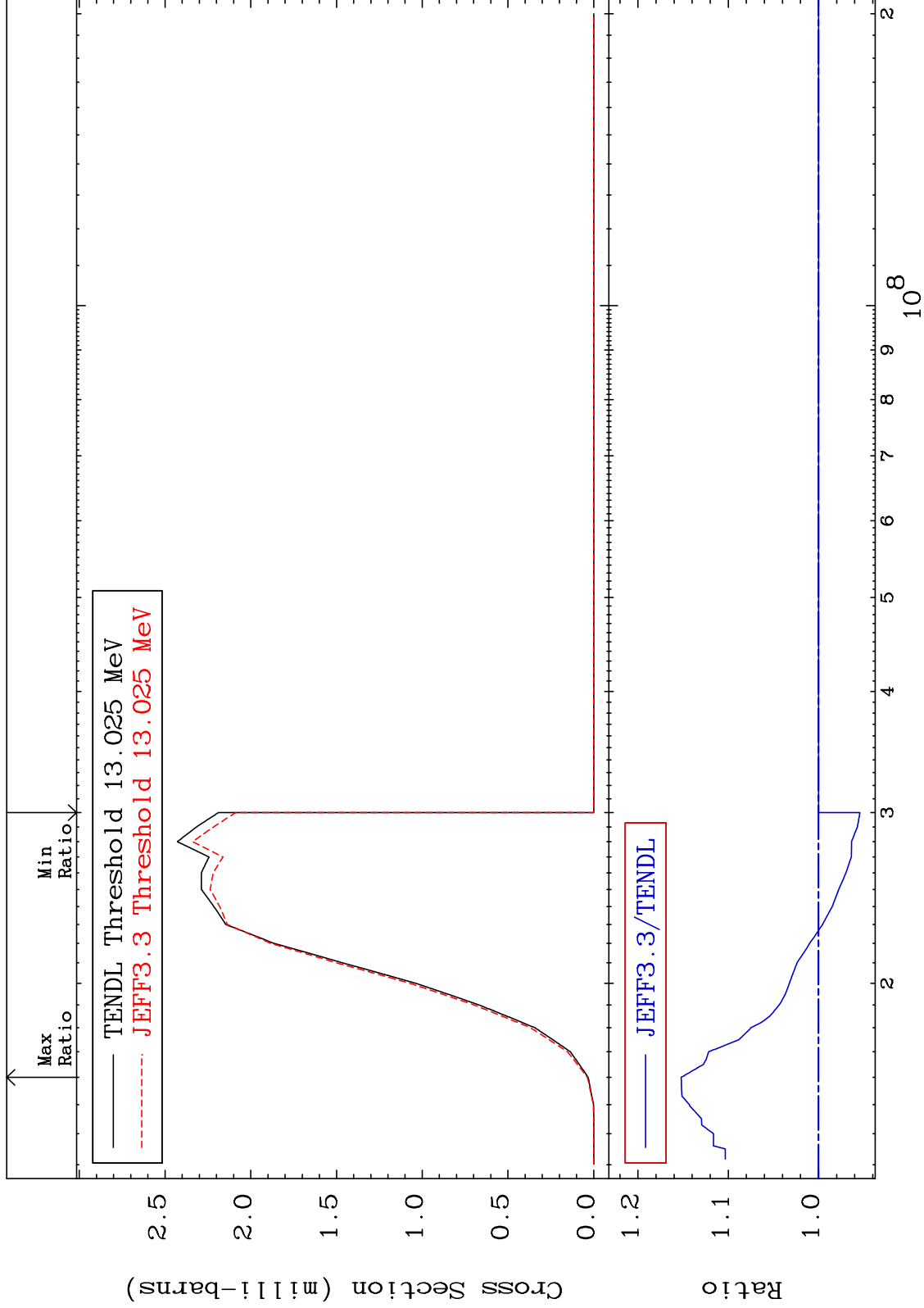
Radionuclide Production Cross Section 0.000 To 9999. %



64

Incident Energy (MeV)

18-Ar-36



Radionuclide Production Cross Section -4.624 To 16.52 %

