

Program Complot  
(Version 2018-1)

by

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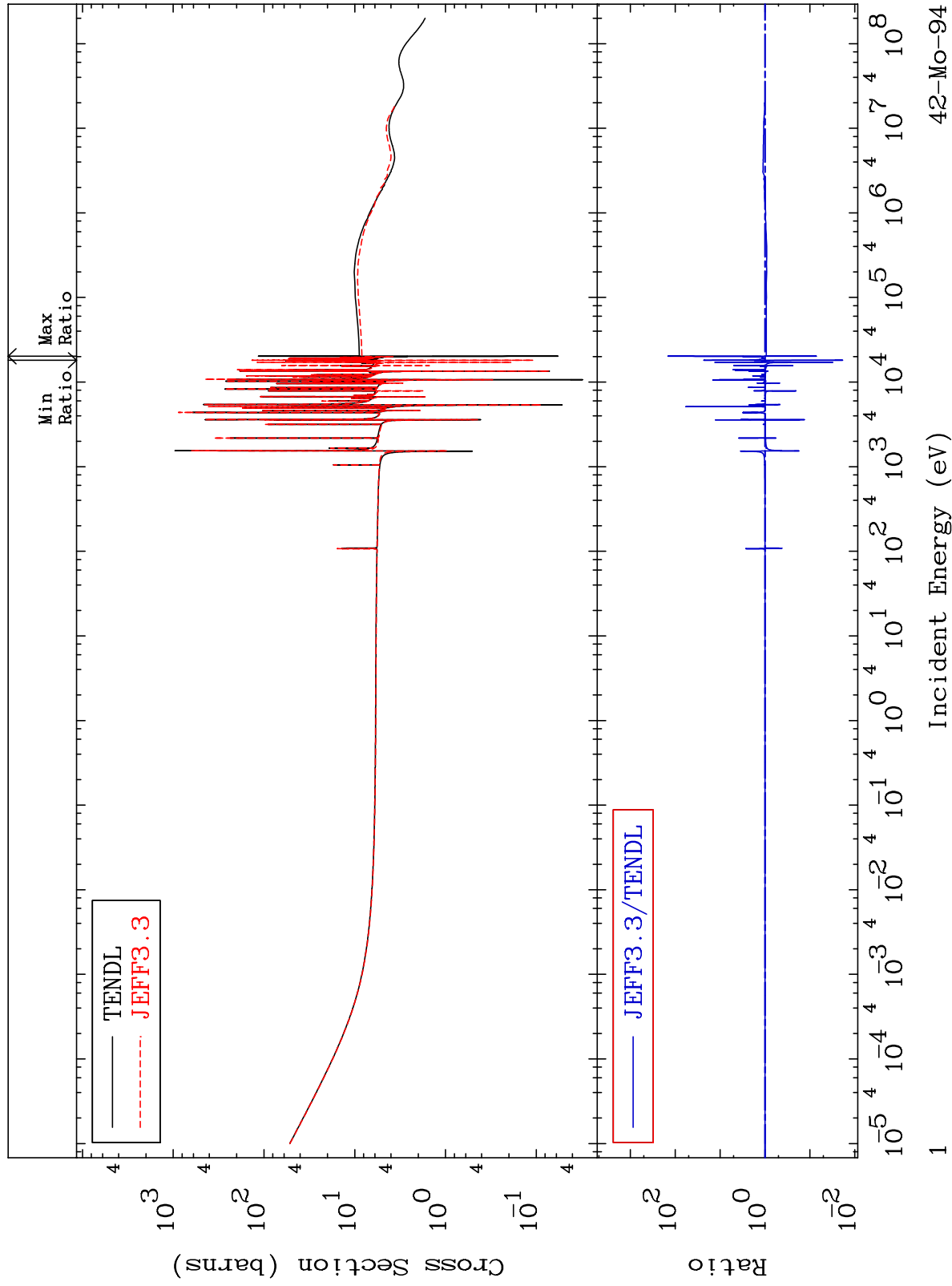
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4231

Total  
Cross Section

42-Mo-94  
-98.16 To 9999. %

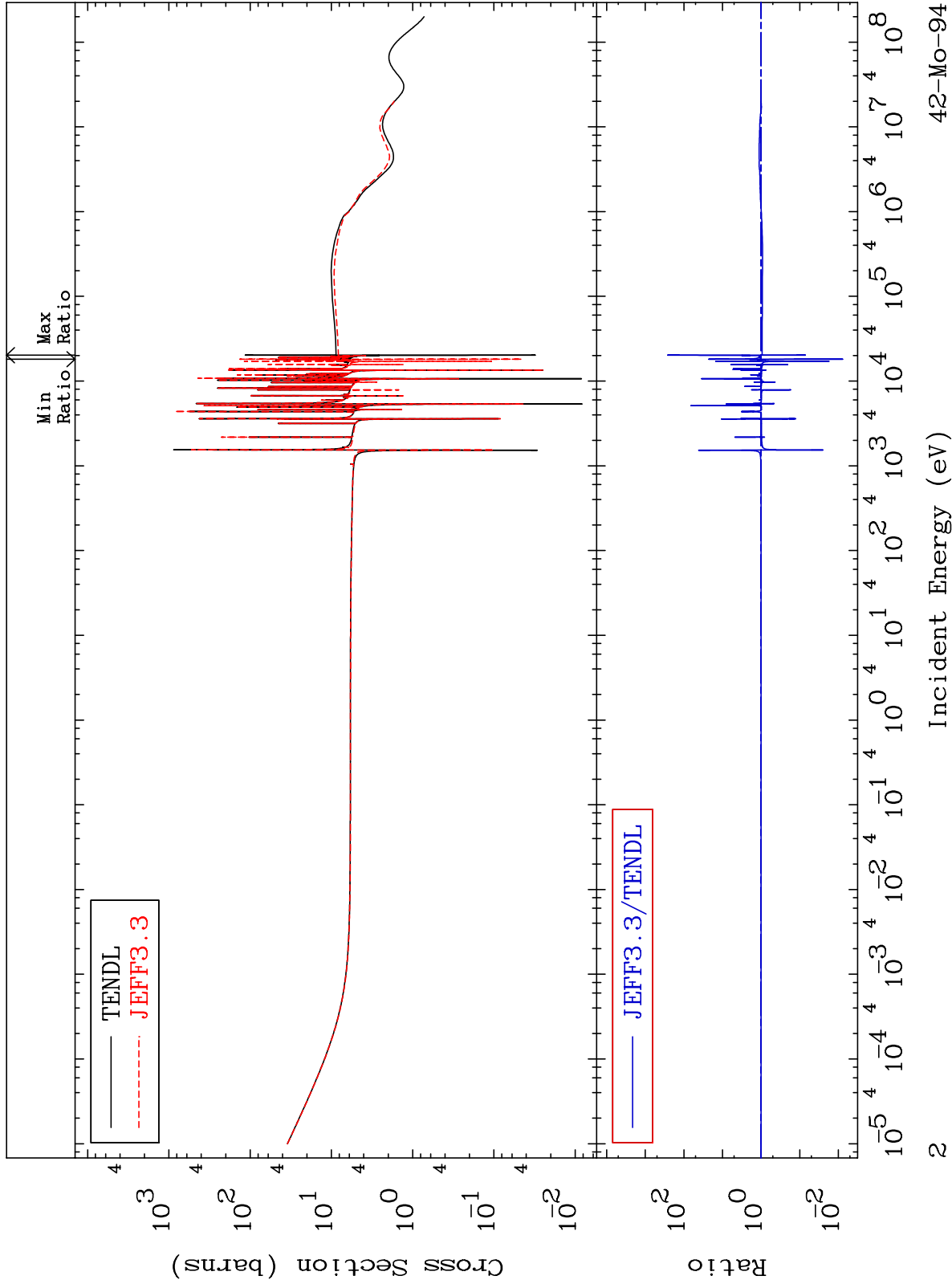


42-Mo-94

MAT 4231

Elastic  
Cross Section

42-Mo-94  
-99.23 To 9999. %



42-Mo-94

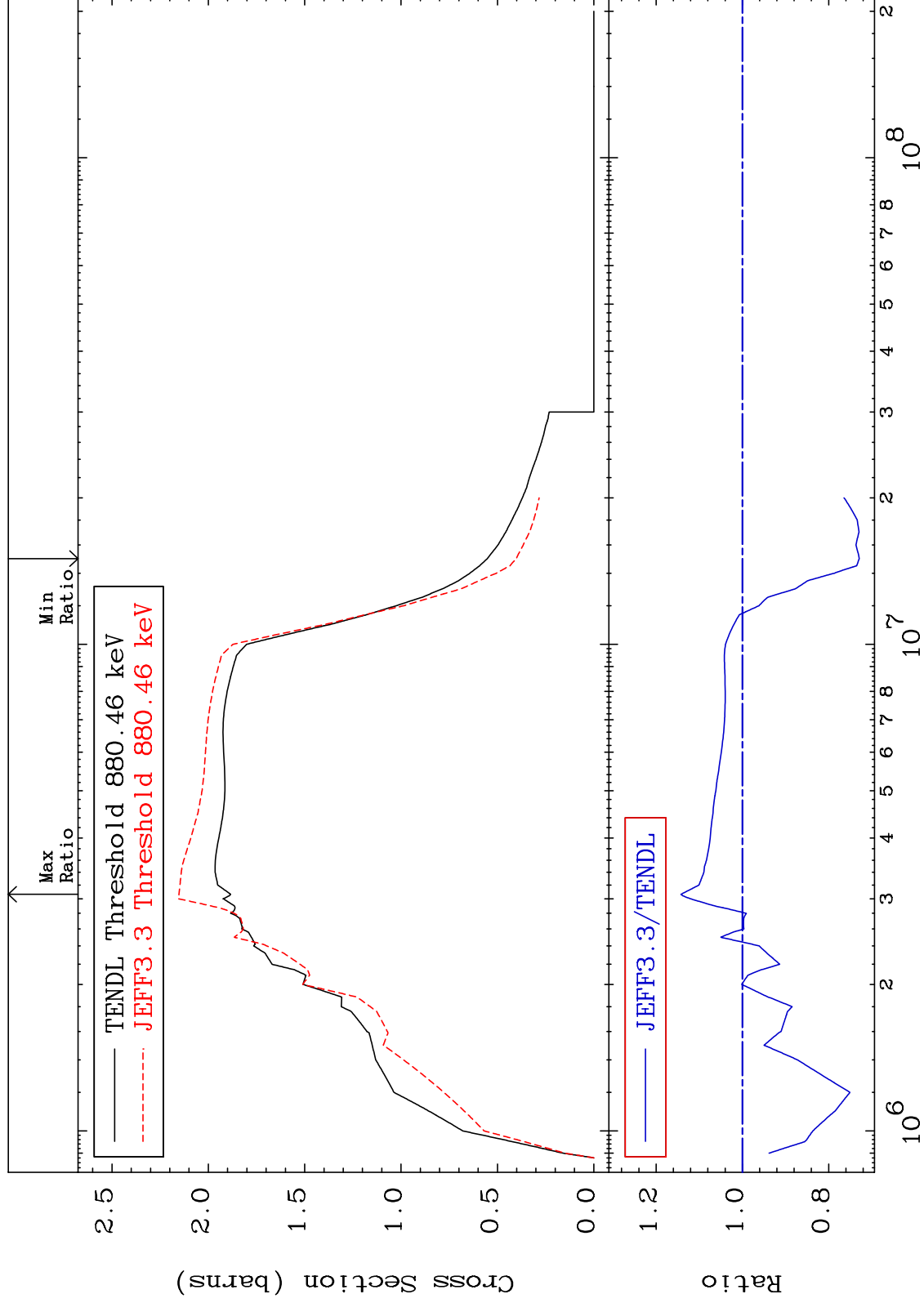
2

MAT 4231

Inelastic  
Cross Section

42-Mo-94

-27.11 To 14.22 %



Incident Energy (eV)

42-Mo-94

3

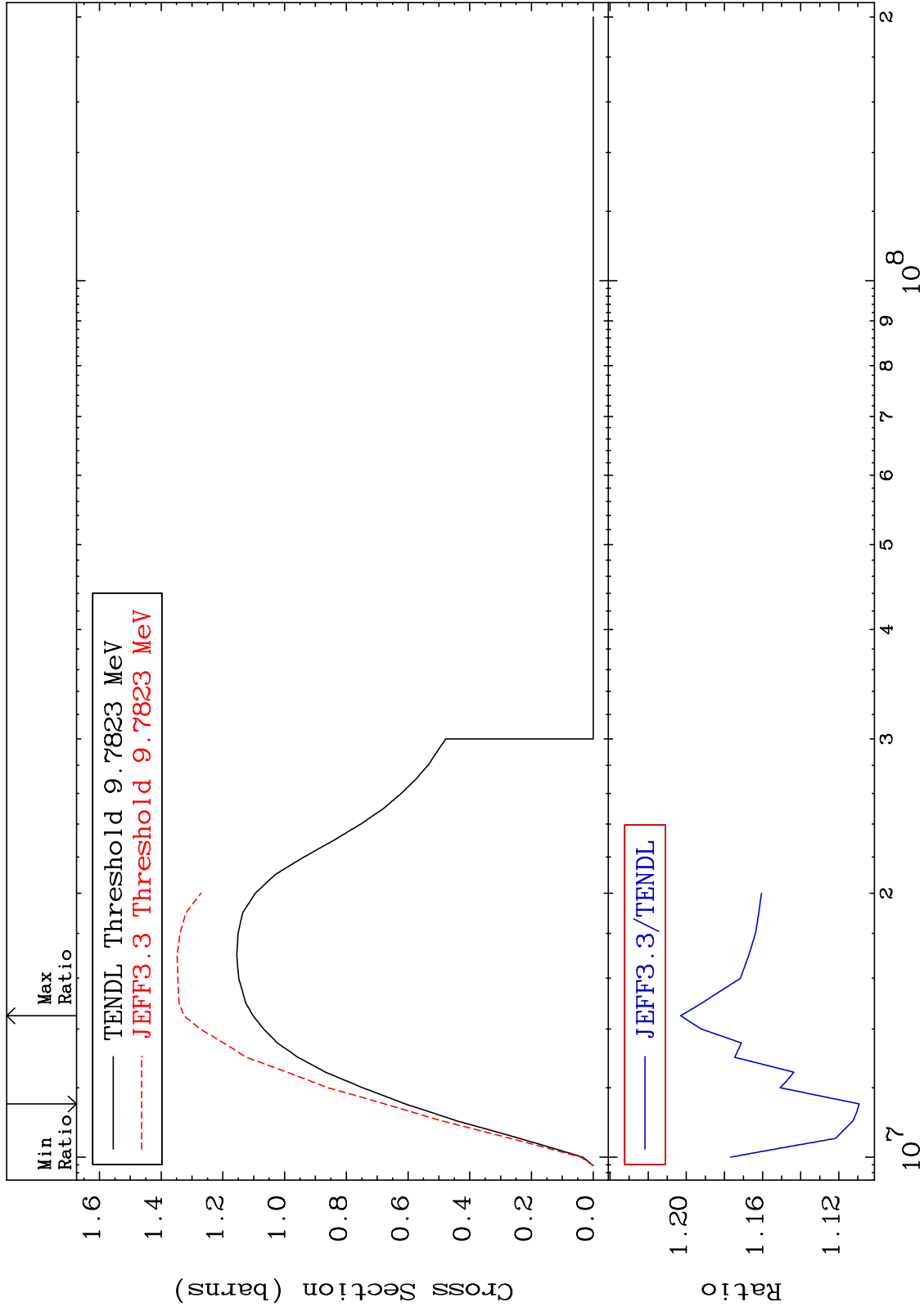
MAT 4231

(n,2n)

42-Mo-94

Cross Section

10.93 To 20.30 %



42-Mo-94

Incident Energy (eV)

4

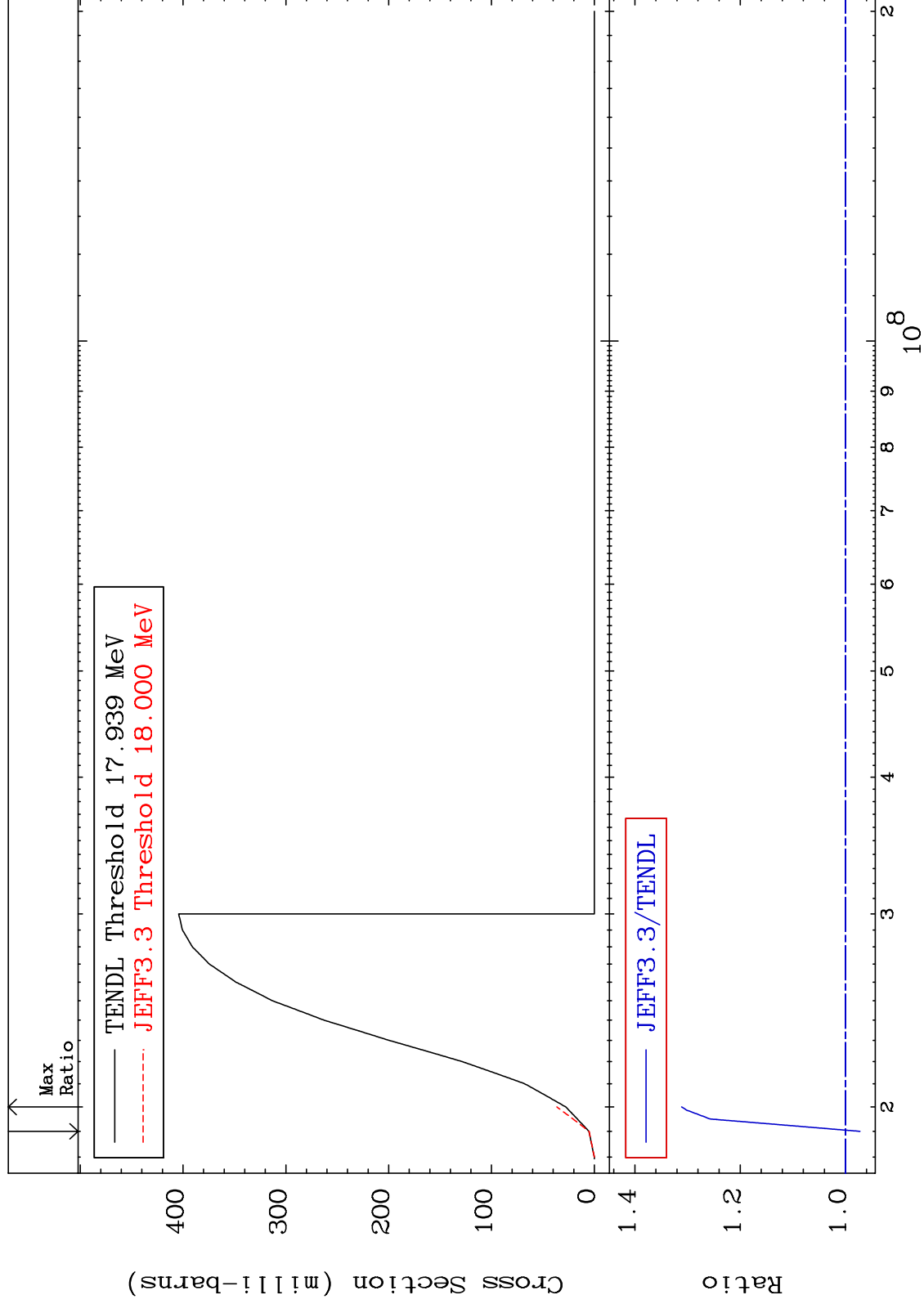
MAT 4231

(n,3n)

42-Mo-94

Cross Section

-2.766 To 31.11 %



5

Incident Energy (eV)

42-Mo-94

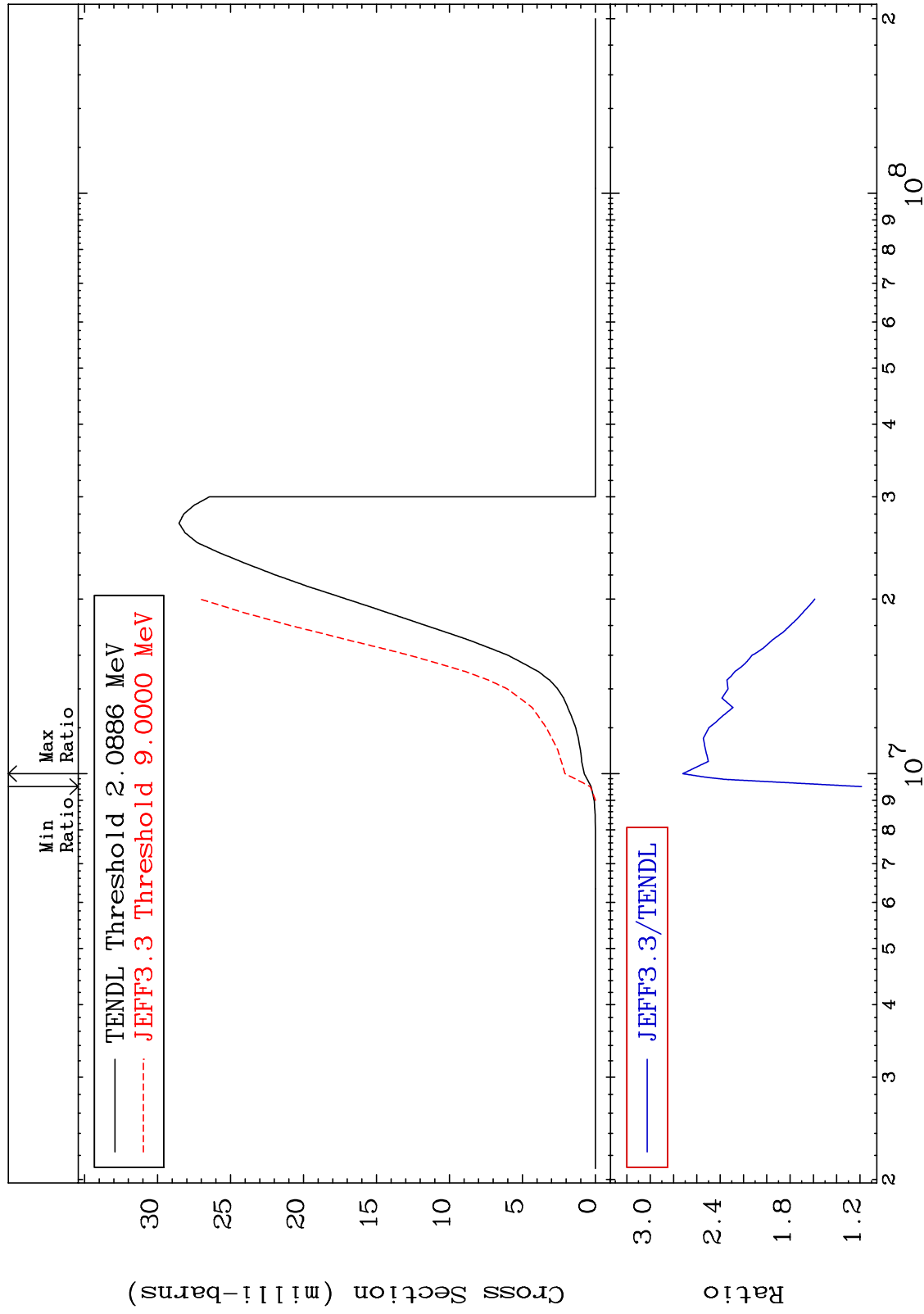
MAT 4231

(n, n')  $\alpha$

42-Mo-94

18.65 To 172.0 %

Cross Section



42-Mo-94

Incident Energy (eV)

6

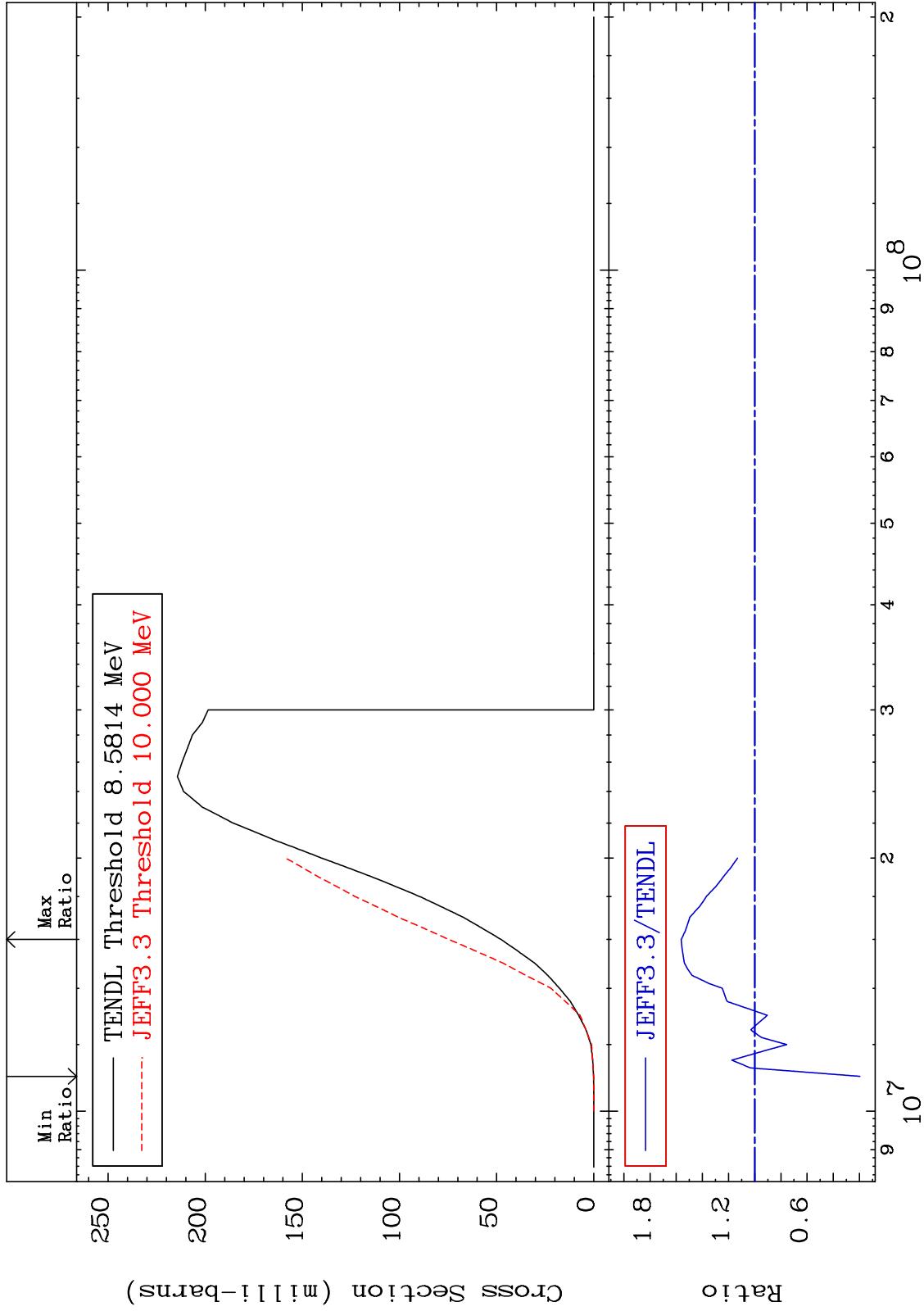
MAT 4231

(n,n') p

42-Mo-94

Cross Section

-80.38 To 56.19 %



7

Incident Energy (eV)

42-Mo-94



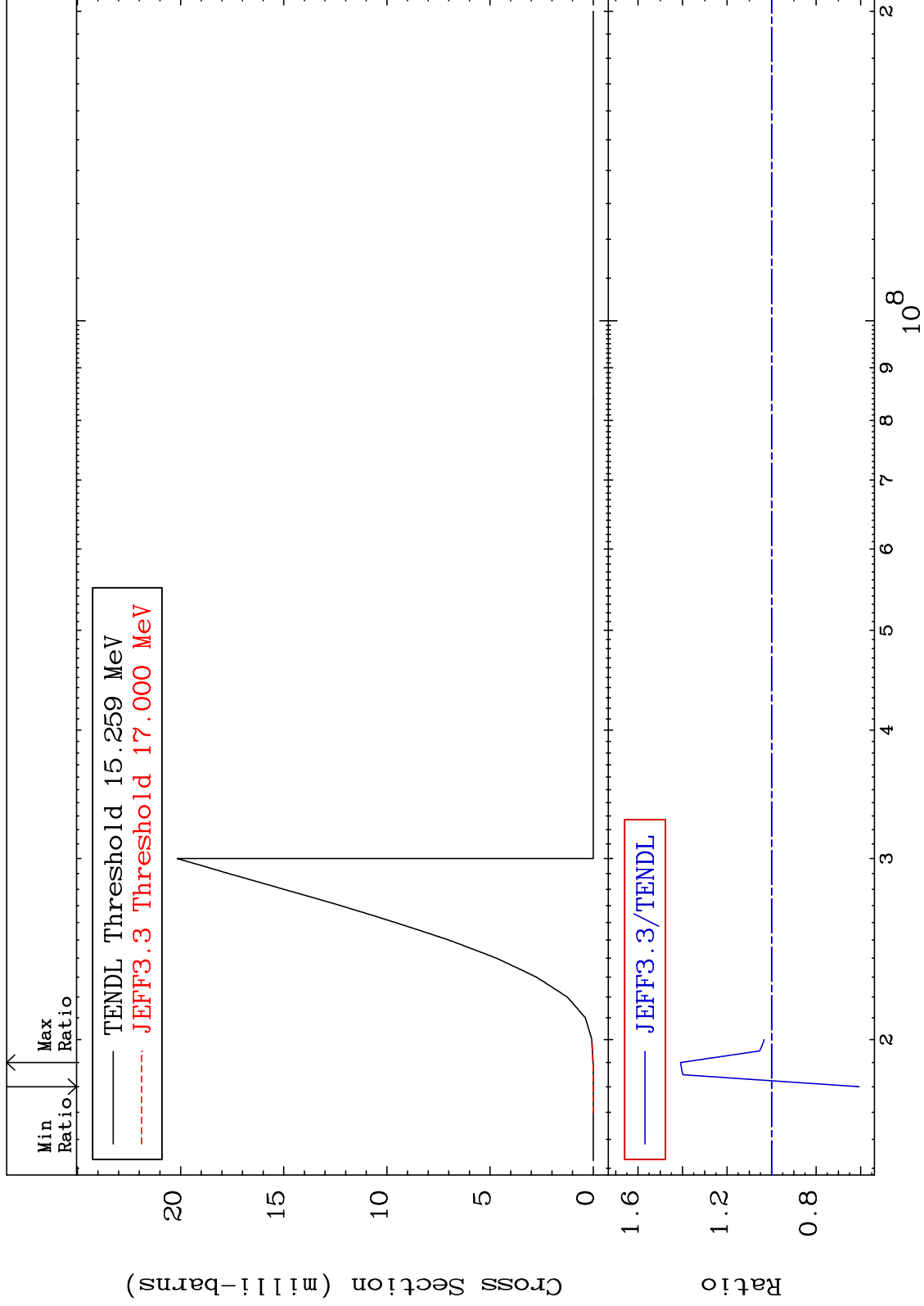
MAT 4231

(n, n') d

42-Mo-94

Cross Section

-39.37 To 40.84 %



8

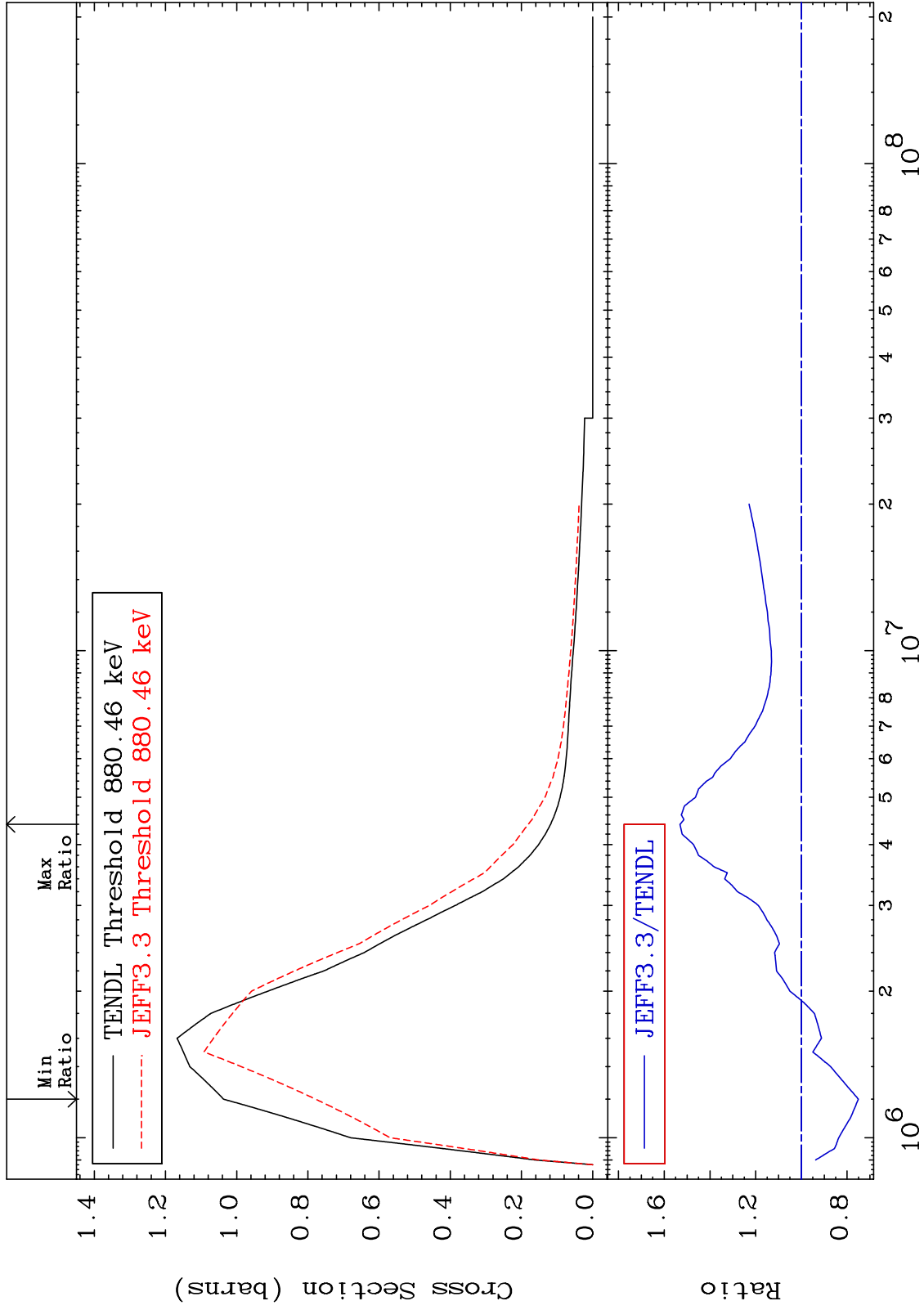
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94  
-24.94 To 53.09 %



9

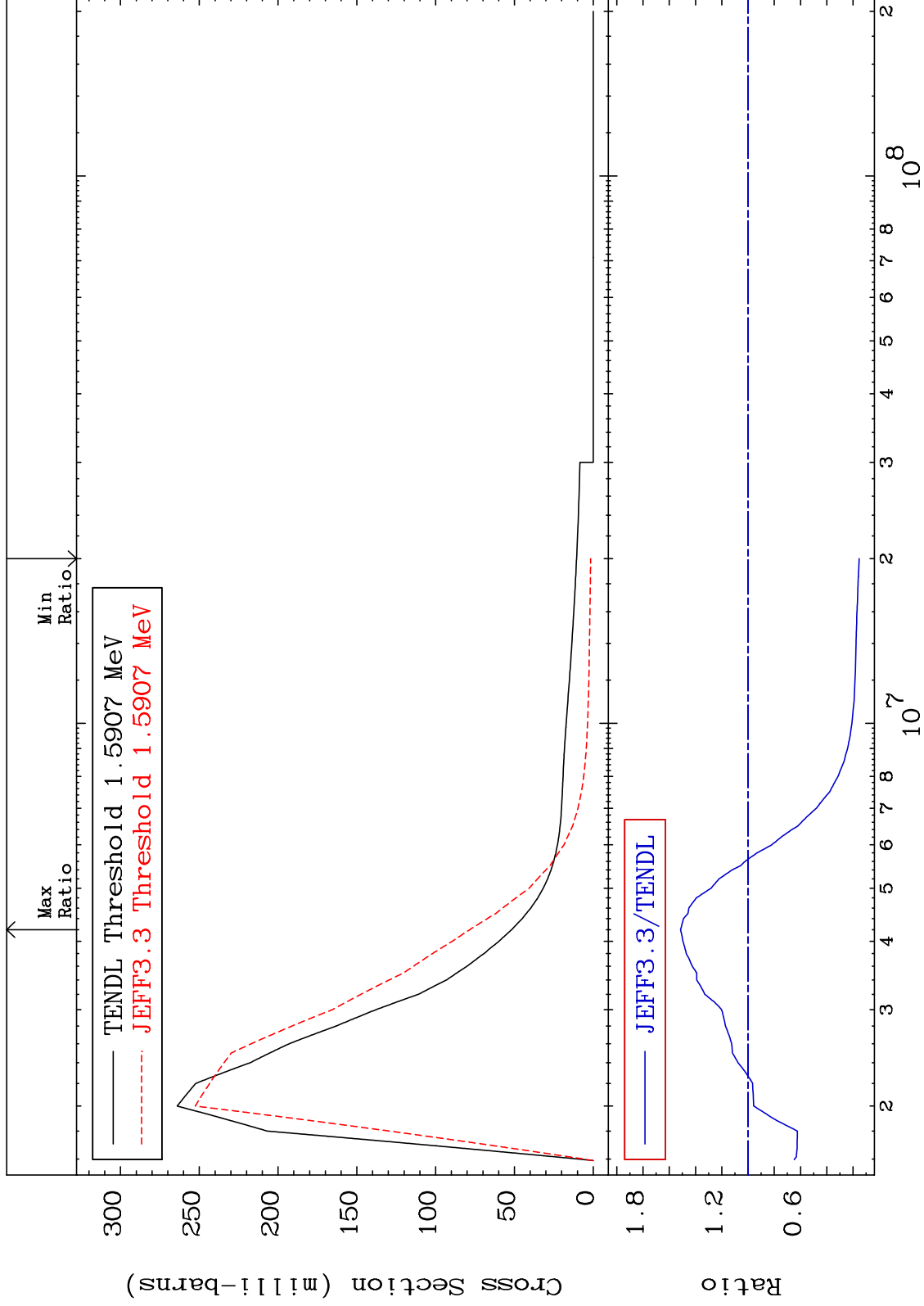
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94  
-84.69 To 51.35 %



10

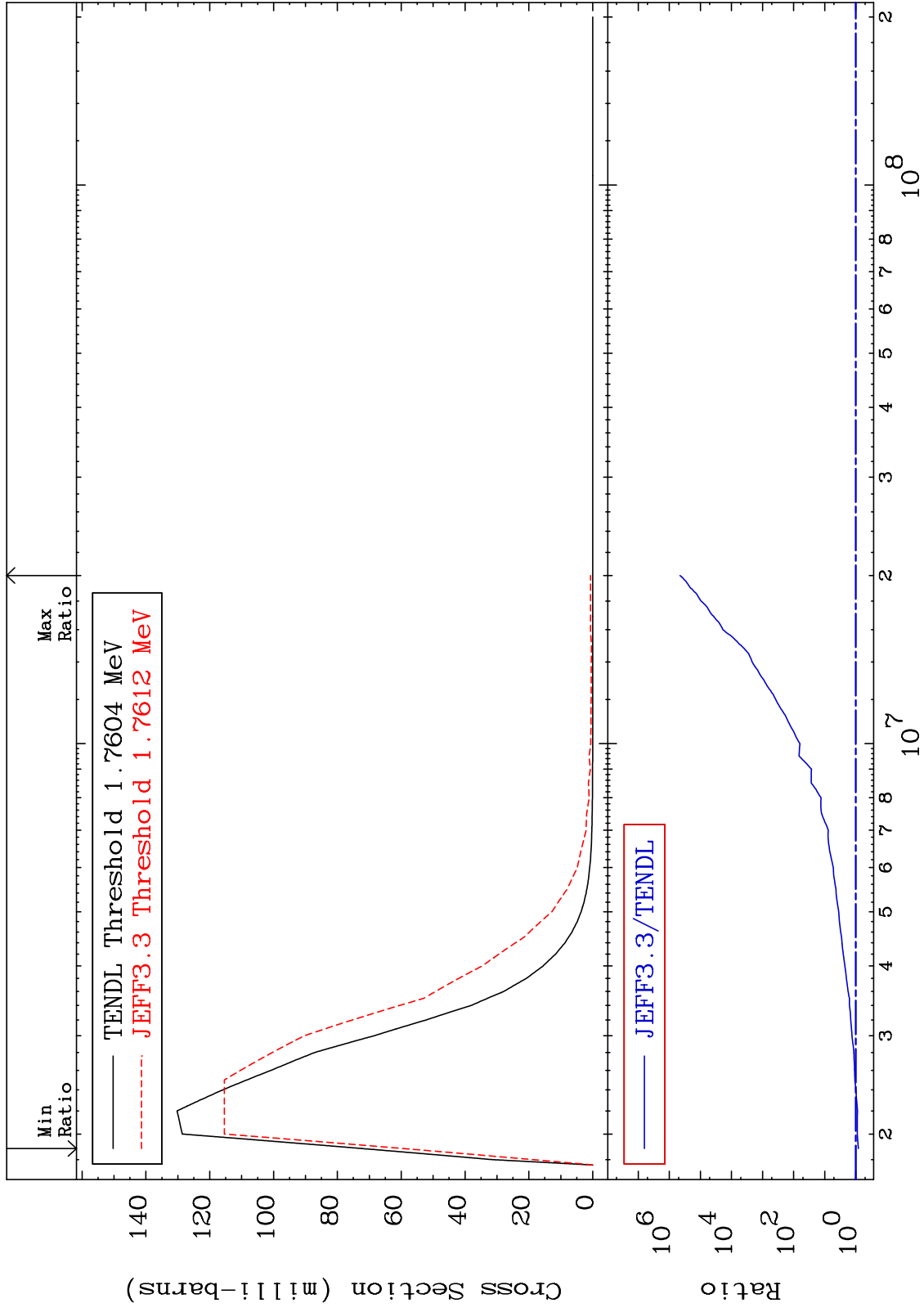
Incident Energy (eV)

42-Mo-94

MAT 4231

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

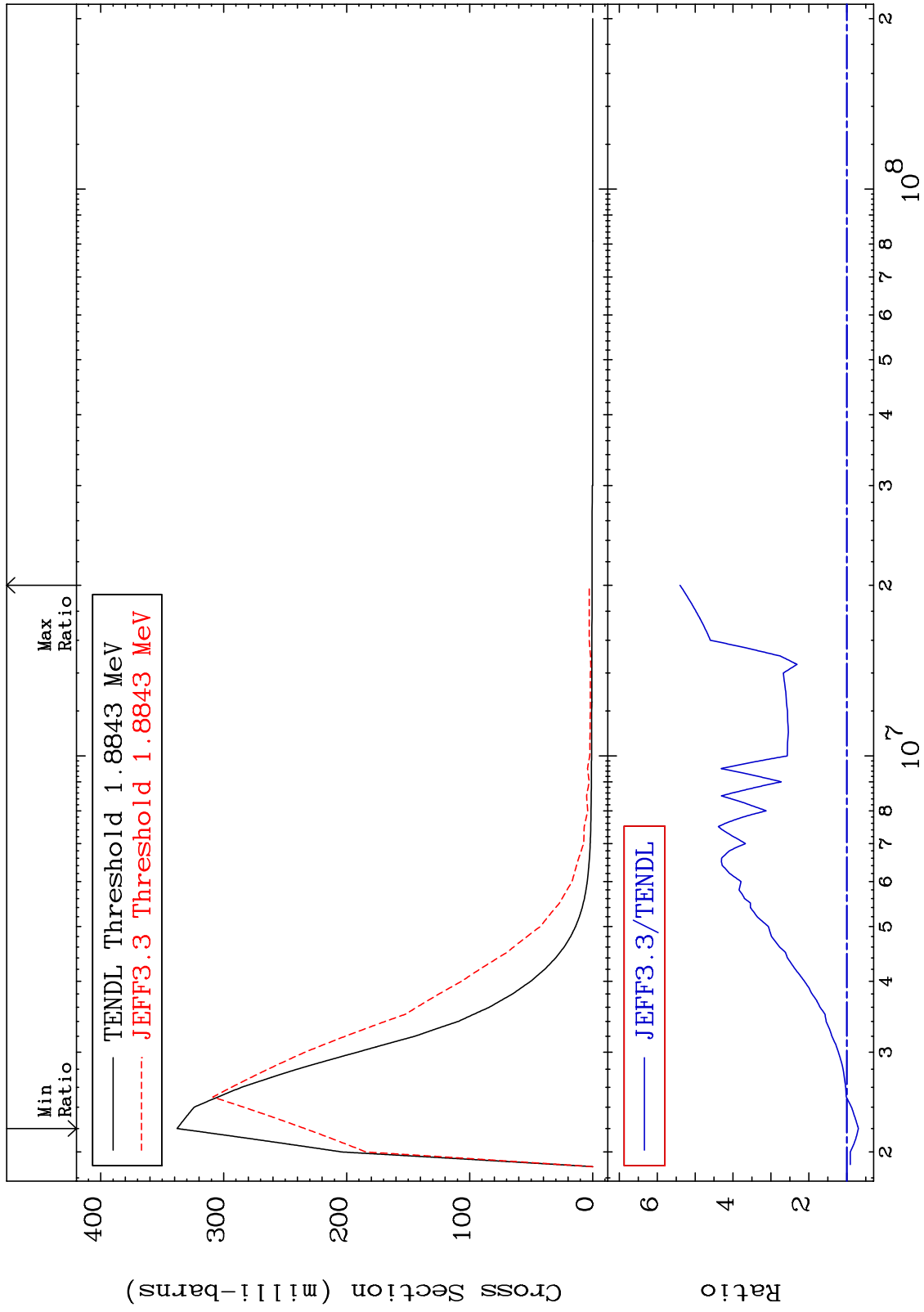
42-Mo-94  
-17.86 To 9999. %



MAT 4231

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

42-Mo-94  
-30.72 To 439.9 %



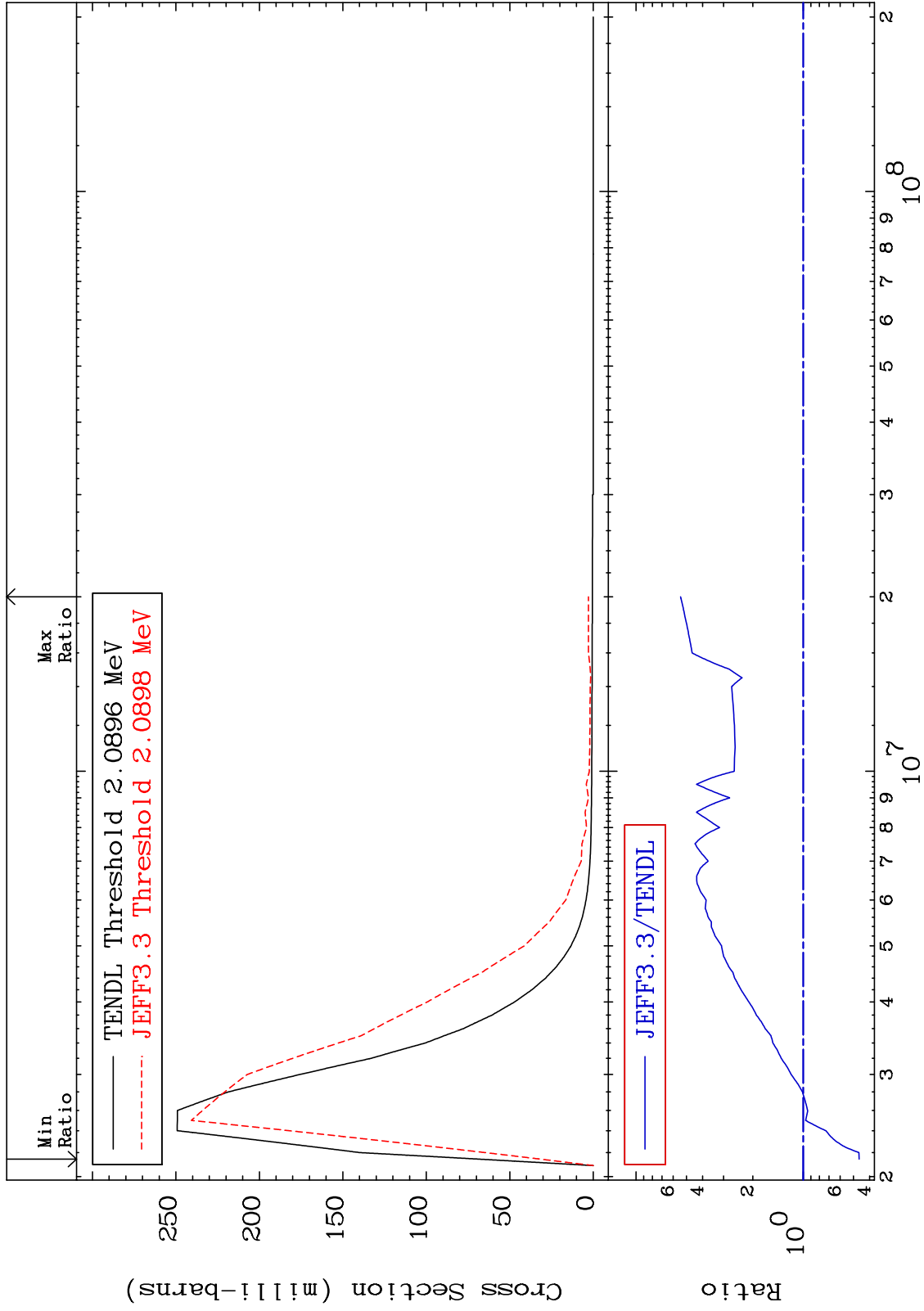
12

42-Mo-94

MAT 4231

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

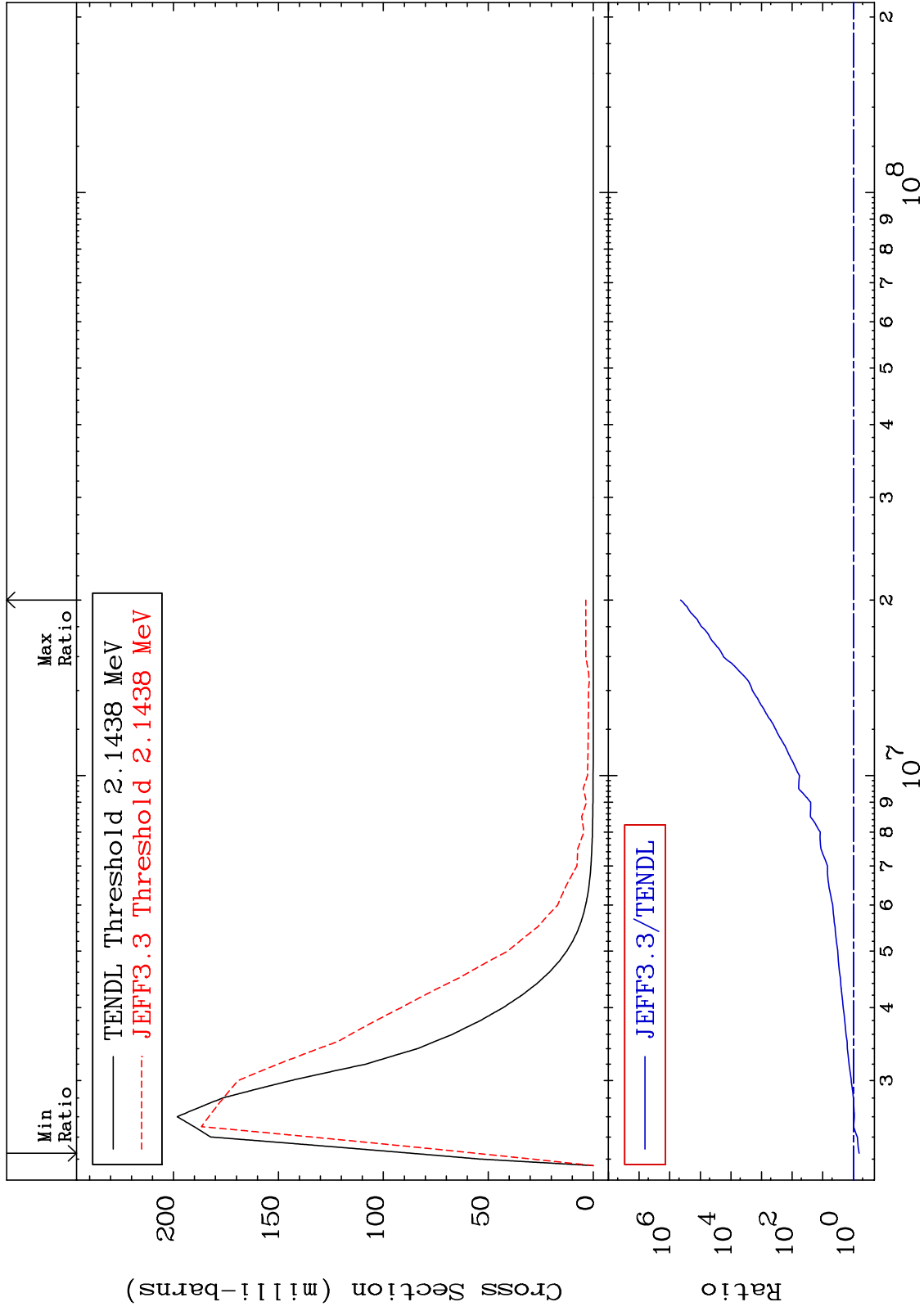
42-Mo-94  
-53.80 To 441.4 %



MAT 4231

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

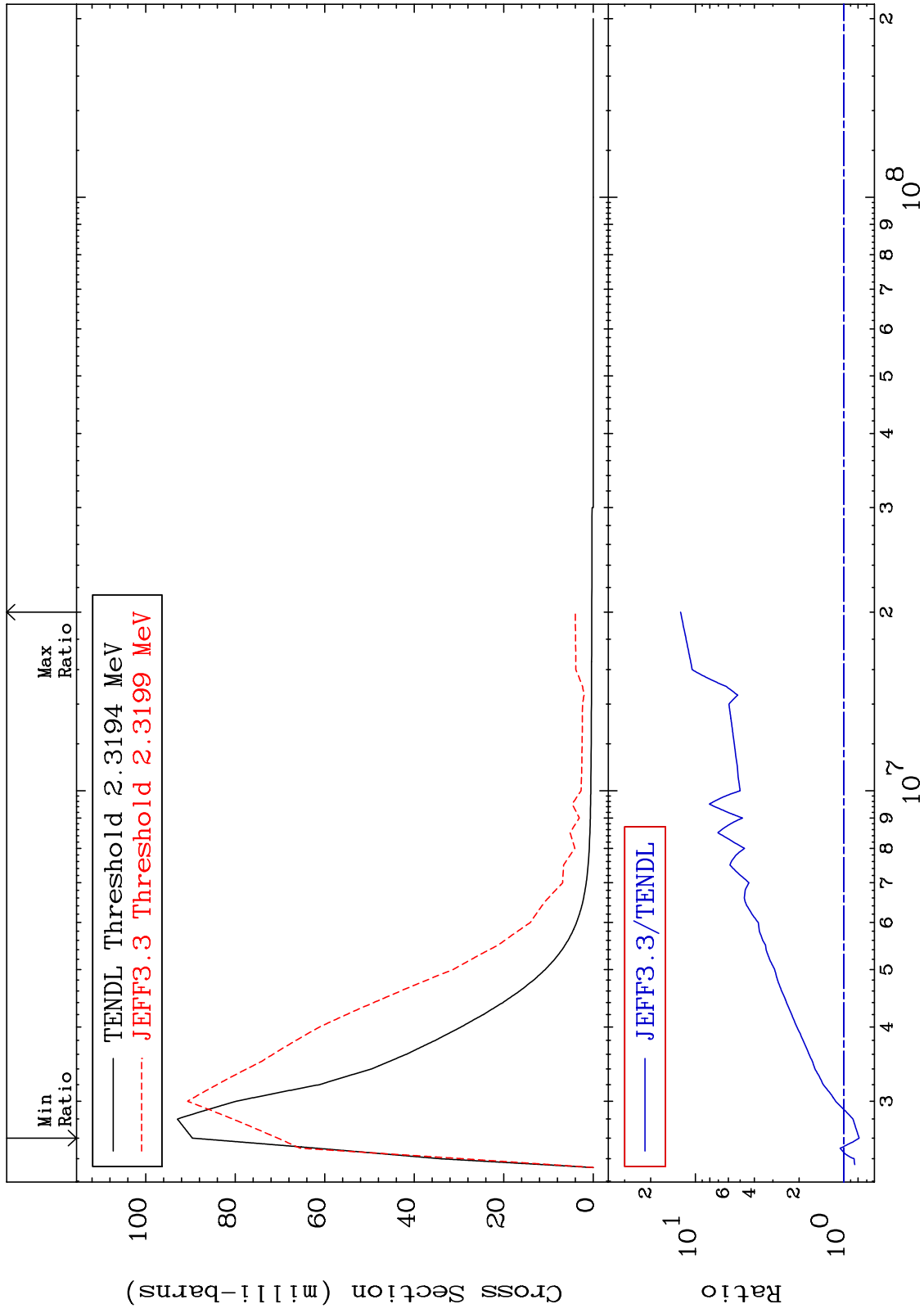
42-Mo-94  
-35.45 To 9999. %



MAT 4231

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

42-Mo-94  
-21.27 To 1157. %

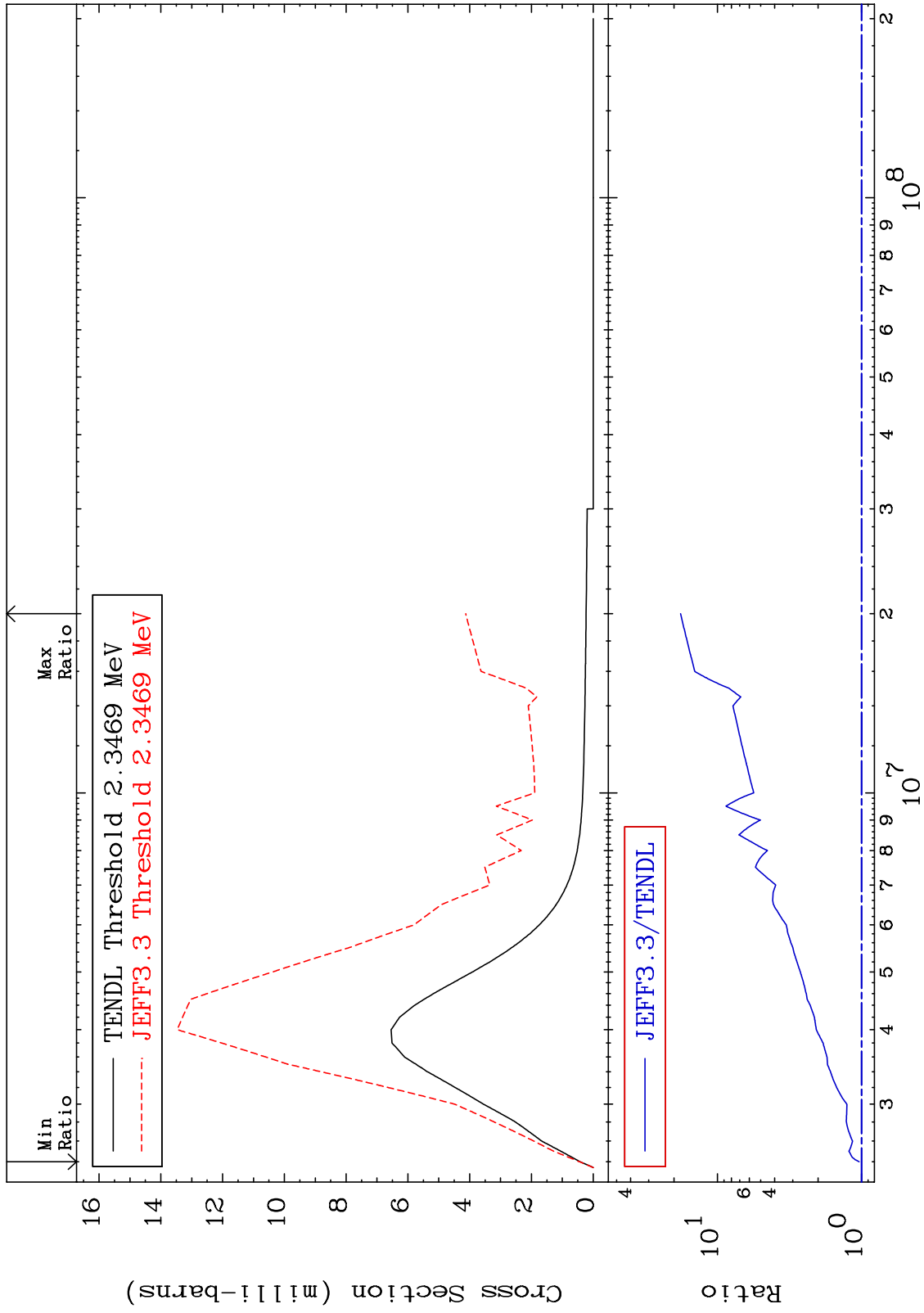




MAT 4231

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

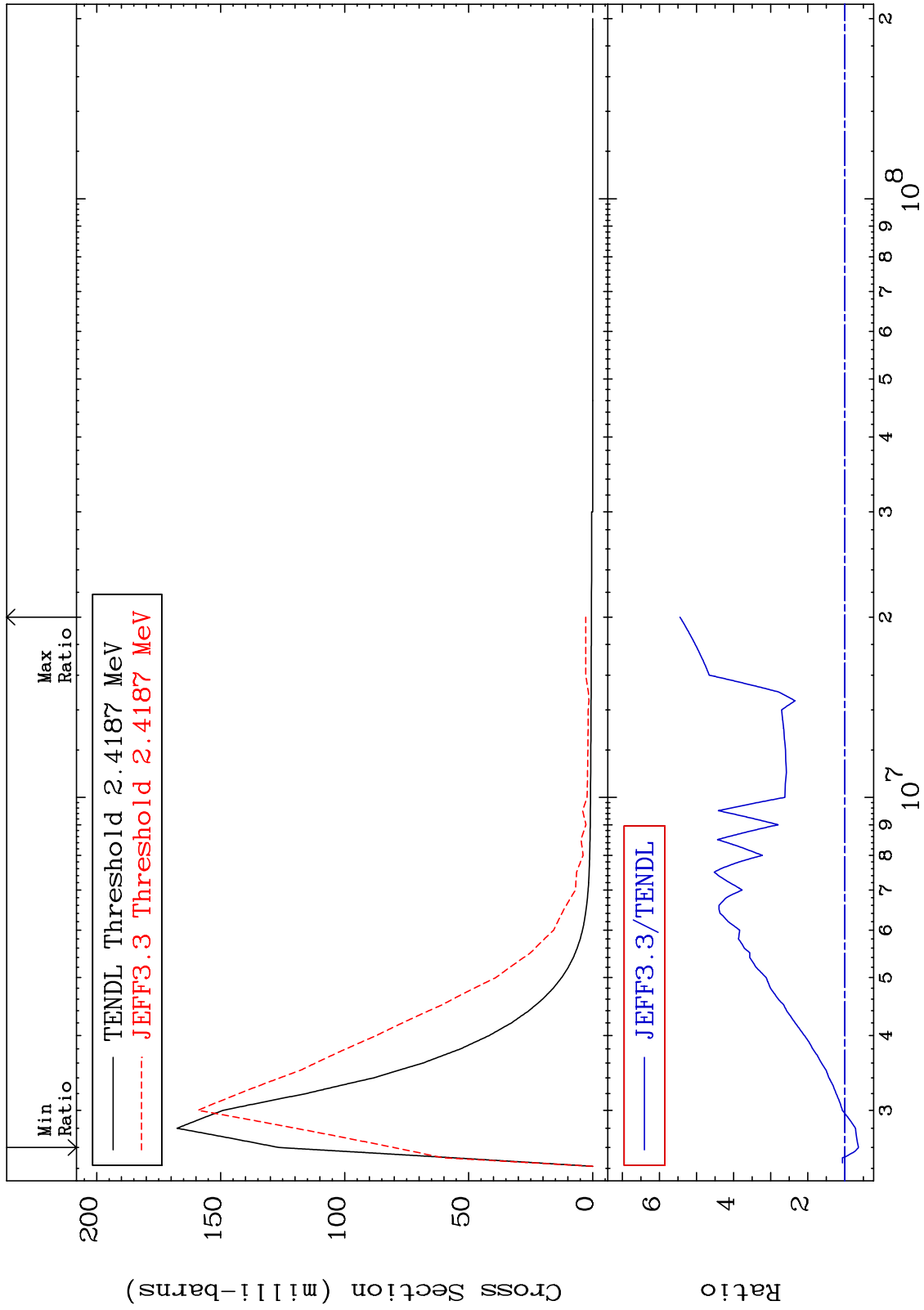
3.719 To 1699. %  
42-Mo-94



16

42-Mo-94

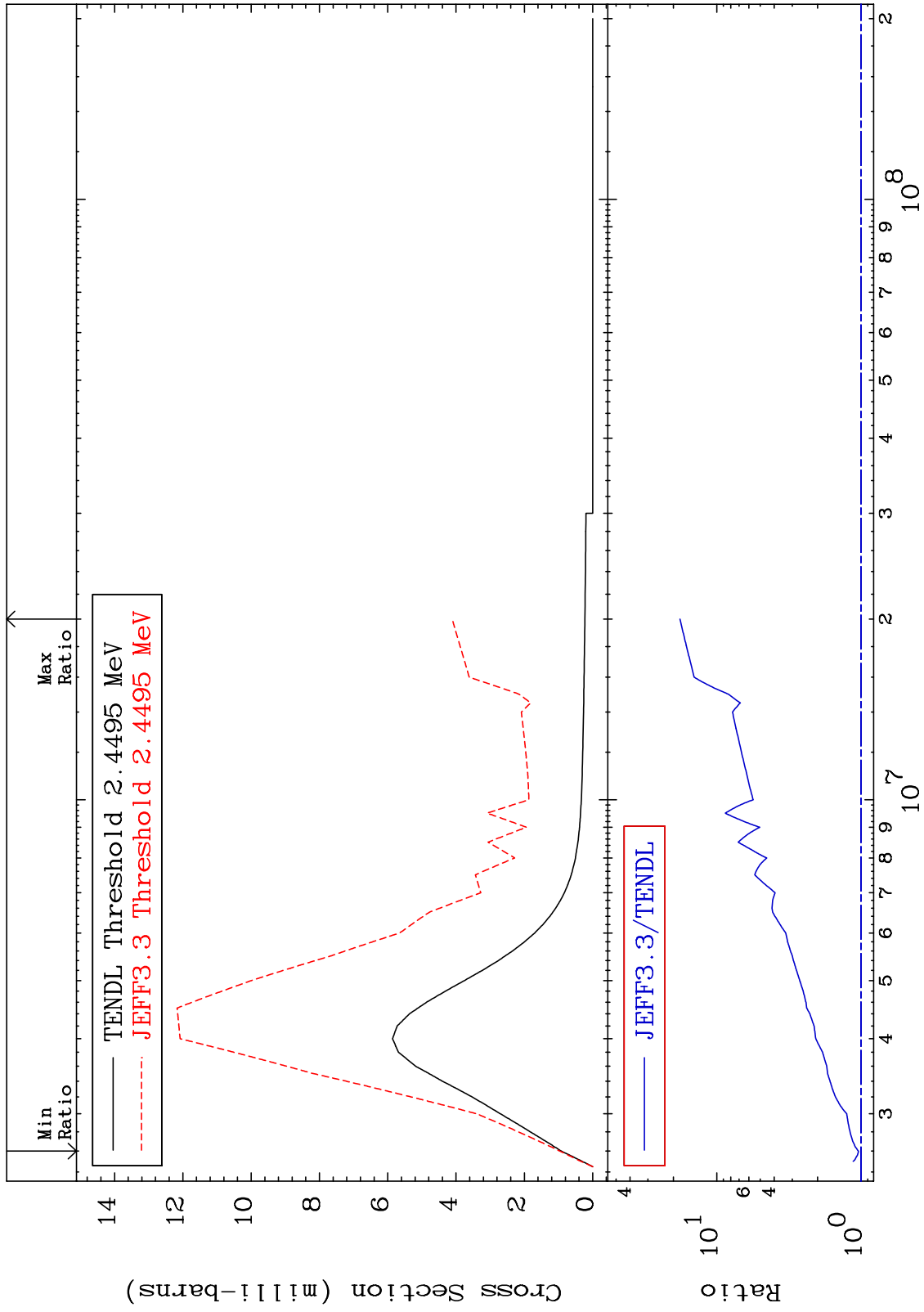
MAT 4231      MT= 59 (n, n') Level      42-Mo-94  
 Cross Section      -36.55 To 444.6 %



MAT 4231

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

42-Mo-94  
4.314 To 1699. %



18

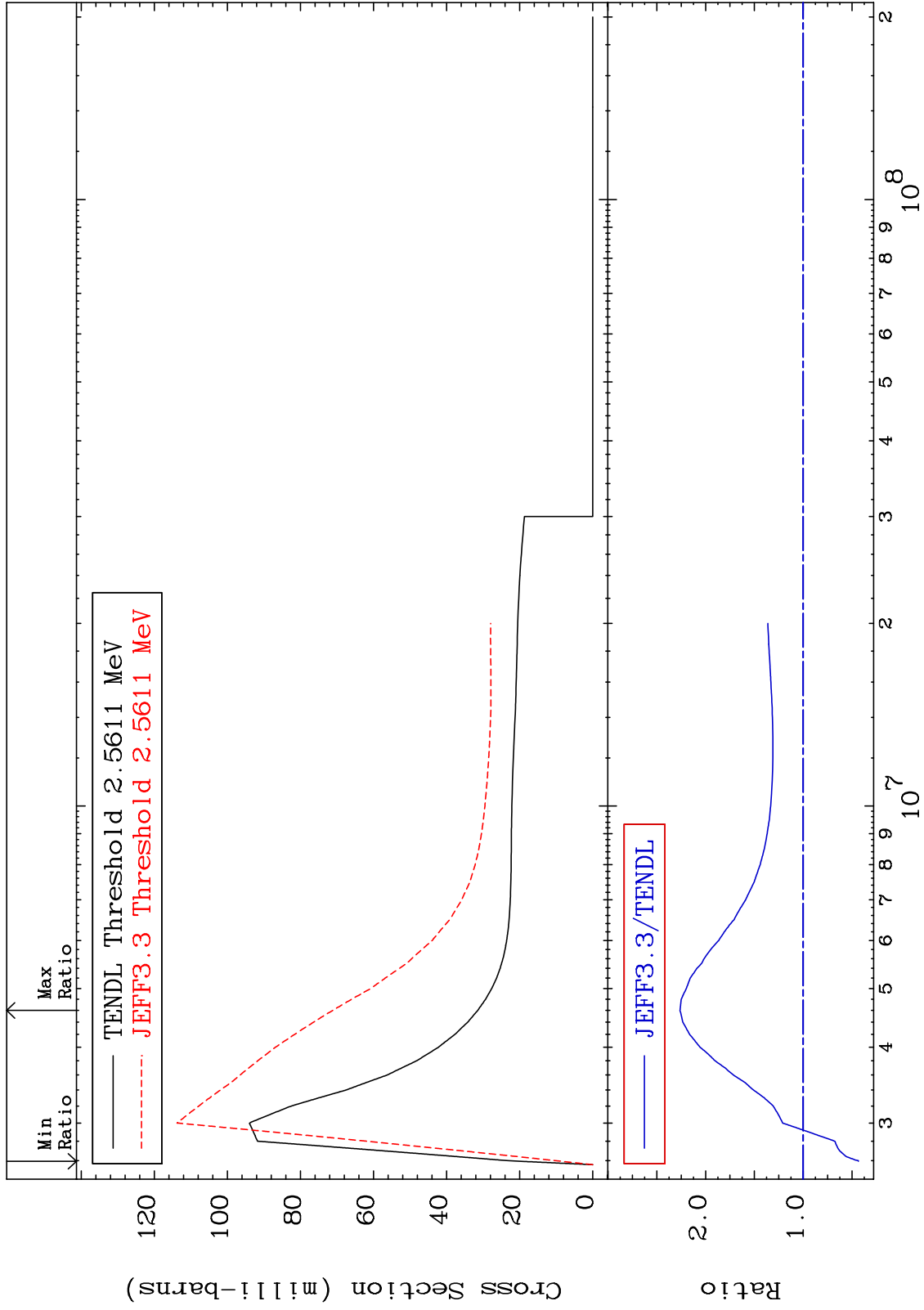
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94  
-56.61 To 126.2 %



19

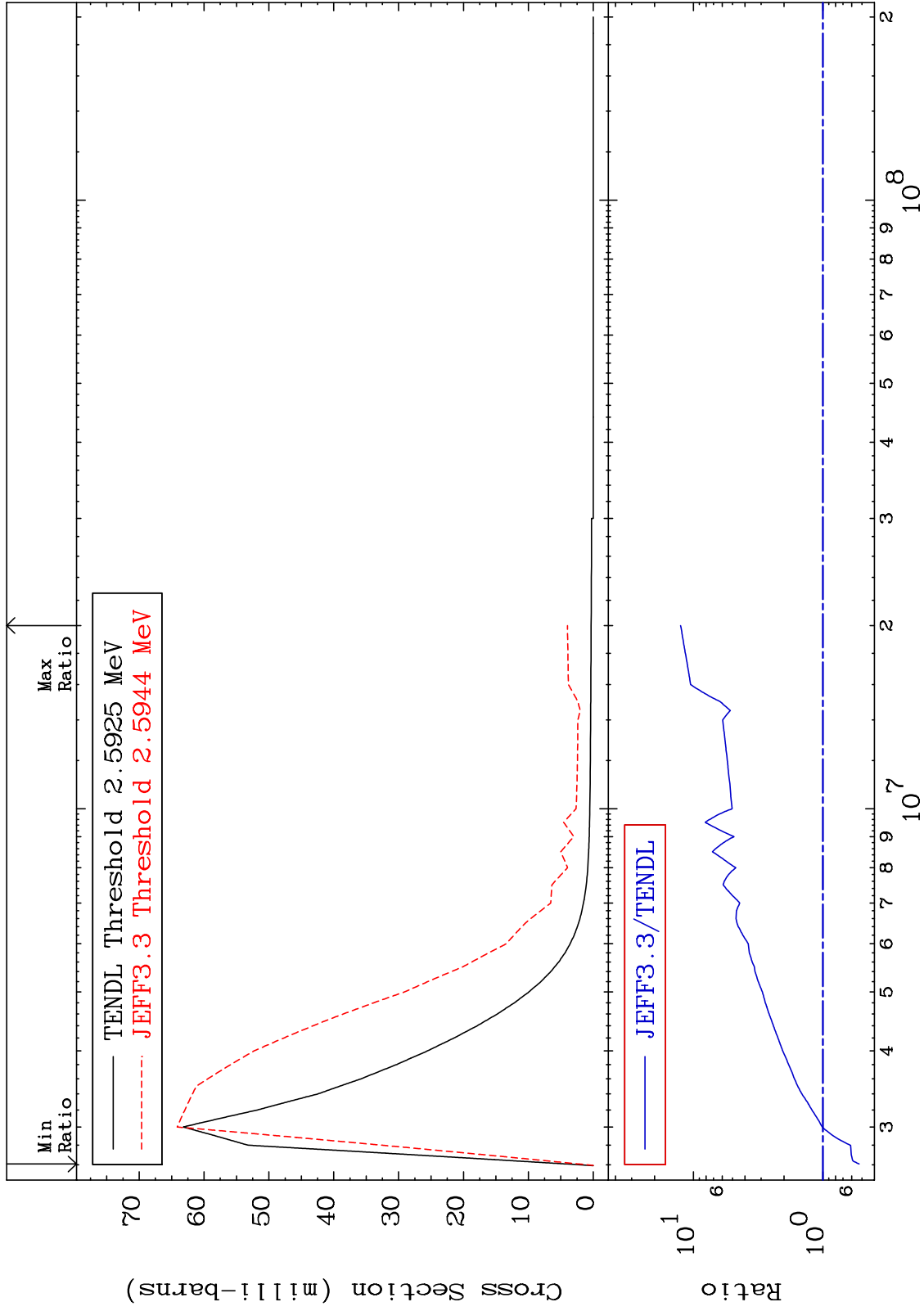
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94  
-47.49 To 1158. %



20

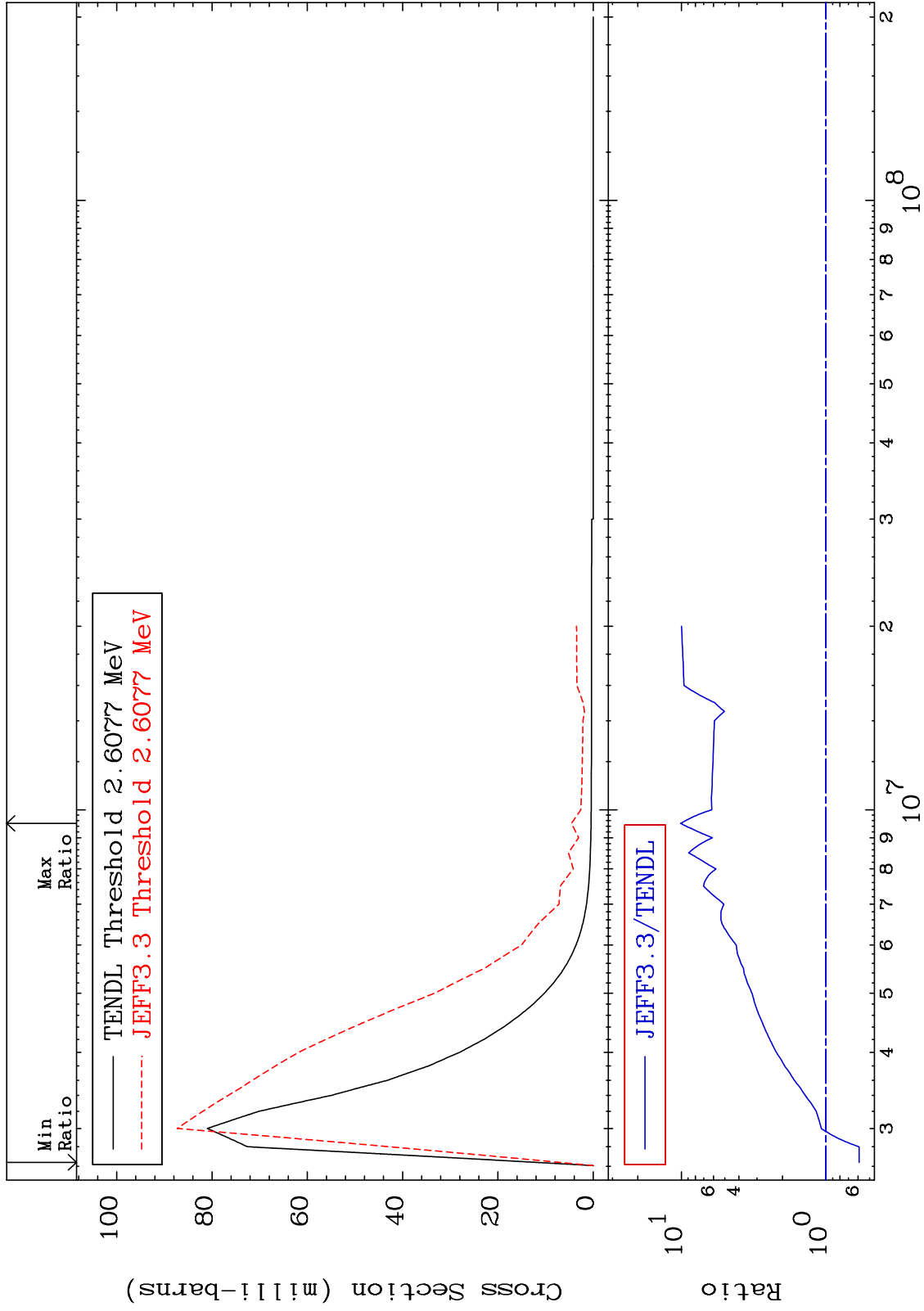
Incident Energy (eV)

42-Mo-94

MAT 4231

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

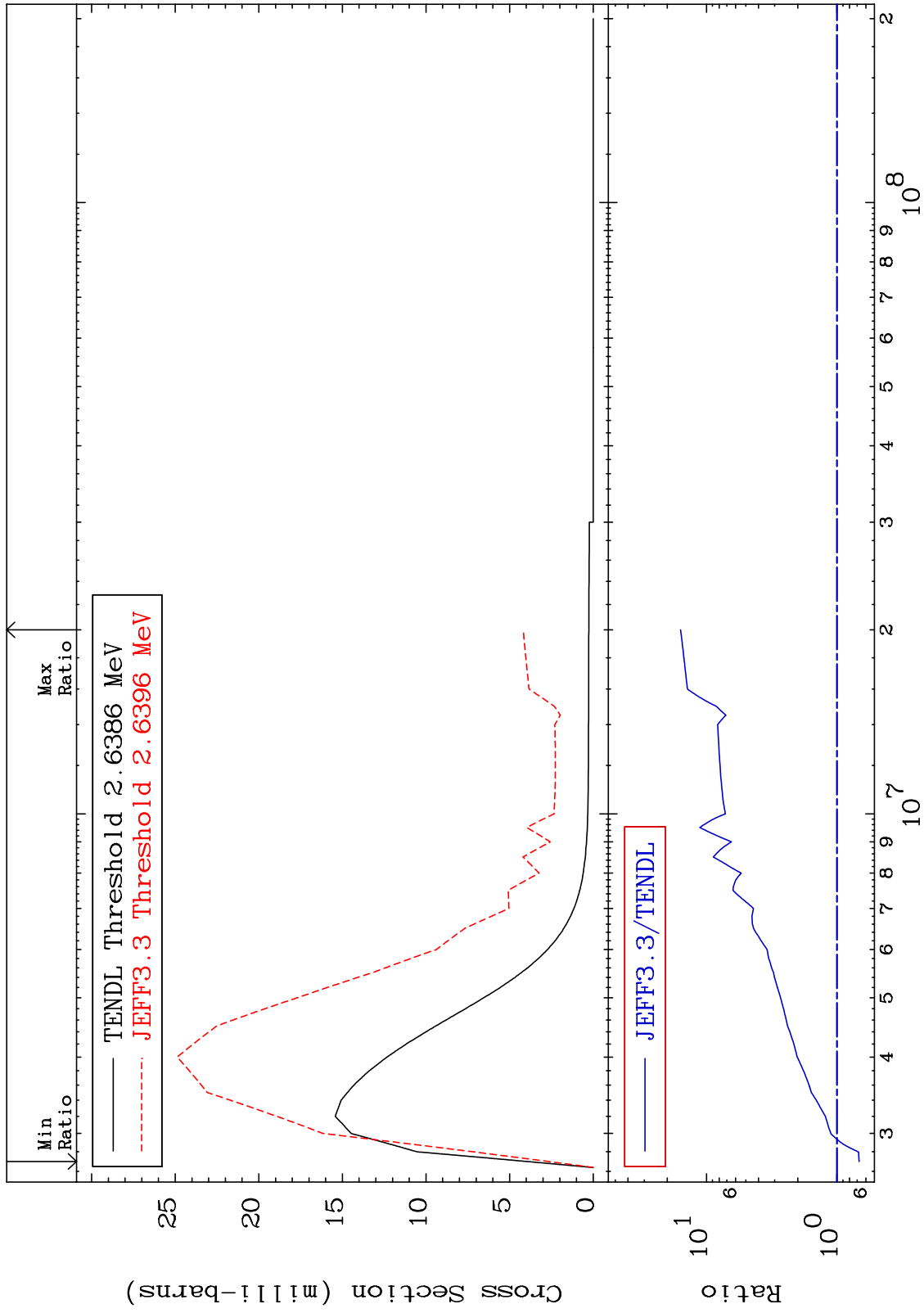
42-Mo-94  
-41.03 To 911.8 %



MAT 4231

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

42-Mo-94  
-32.44 To 1480. %



22

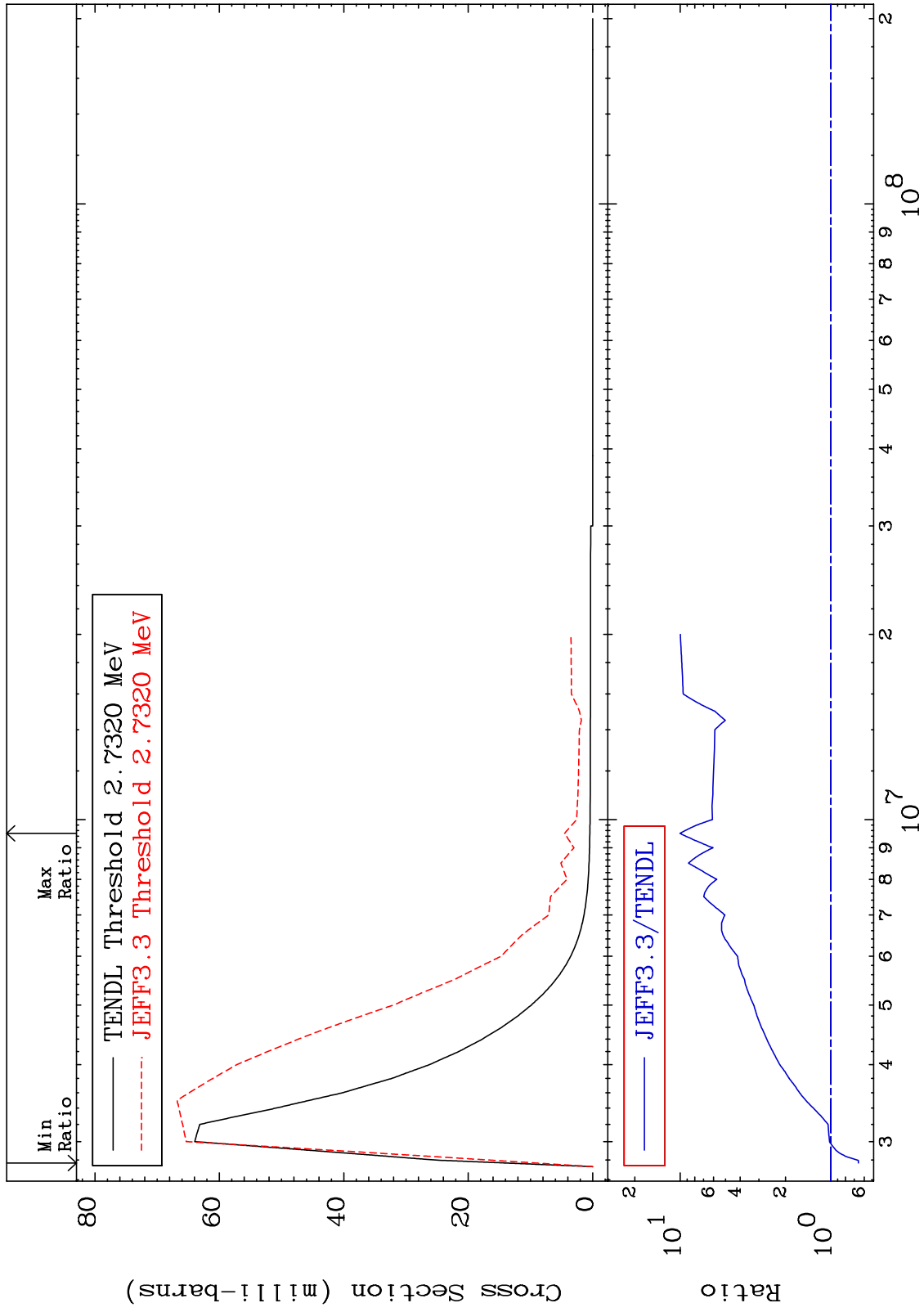
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94  
-34.40 To 902.7 %



23

Incident Energy (eV)

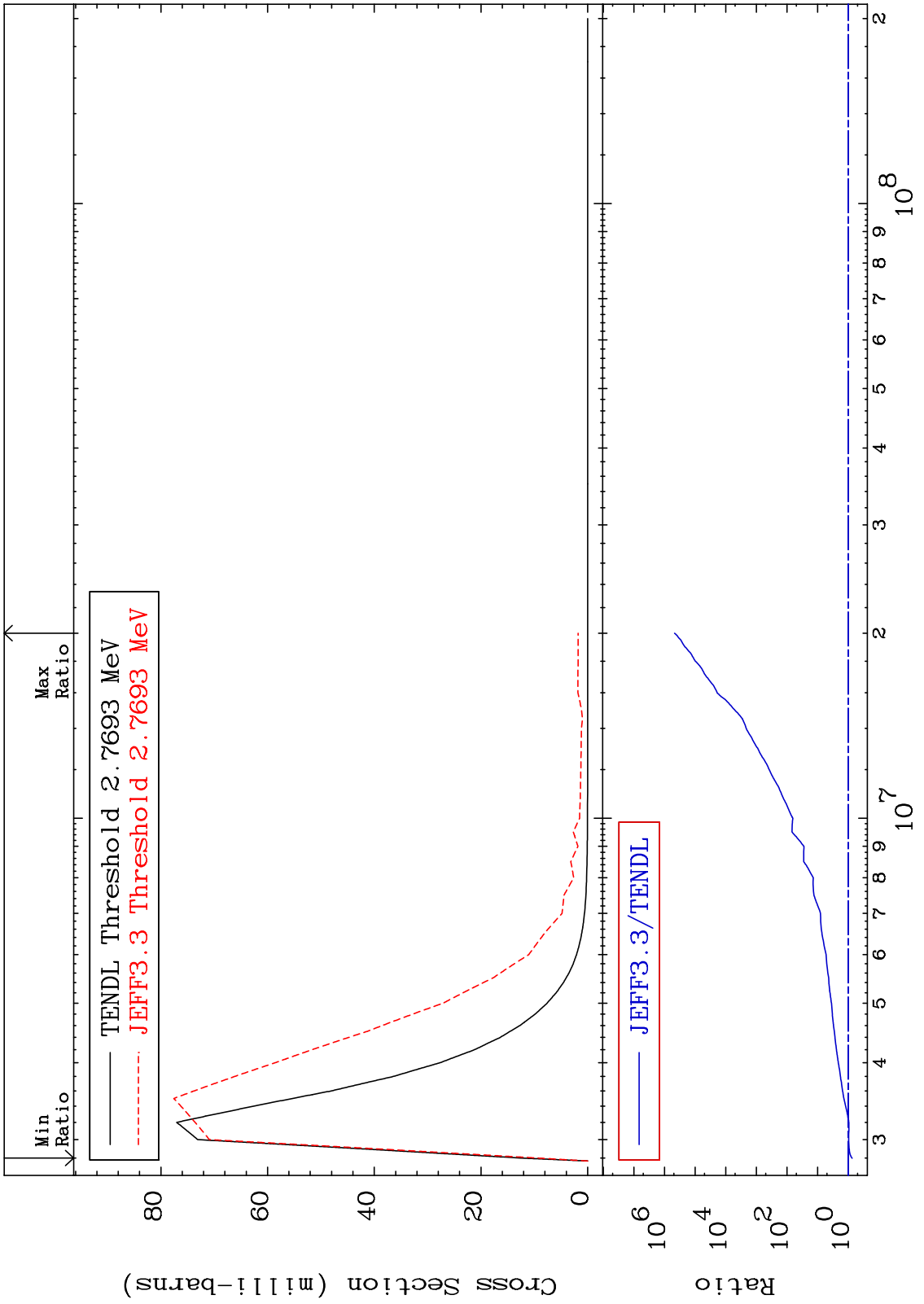
42-Mo-94



MAT 4231

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

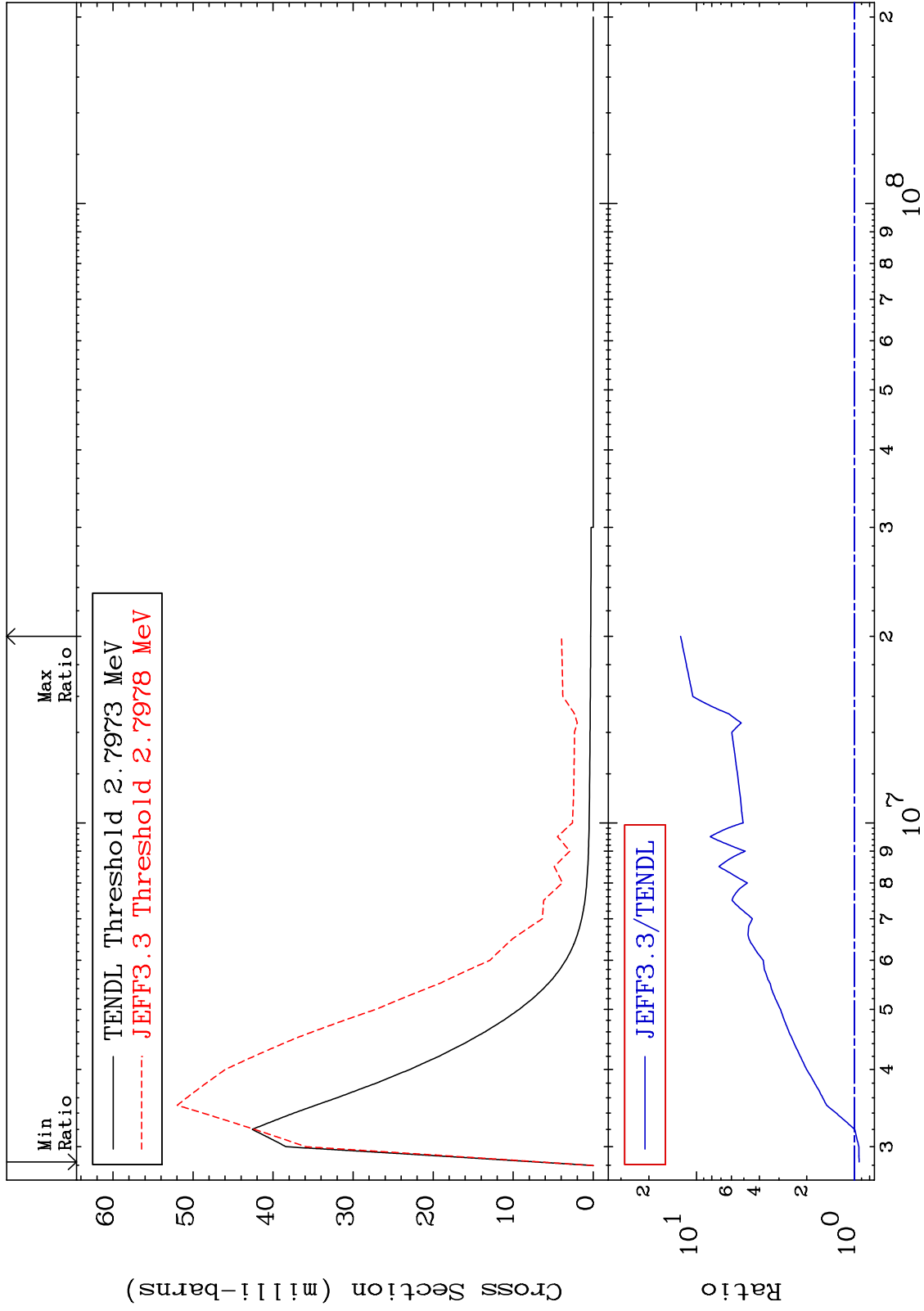
42-Mo-94  
-25.34 To 9999. %



MAT 4231

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

42-Mo-94  
-6.765 To 1158. %



25

Incident Energy (eV)

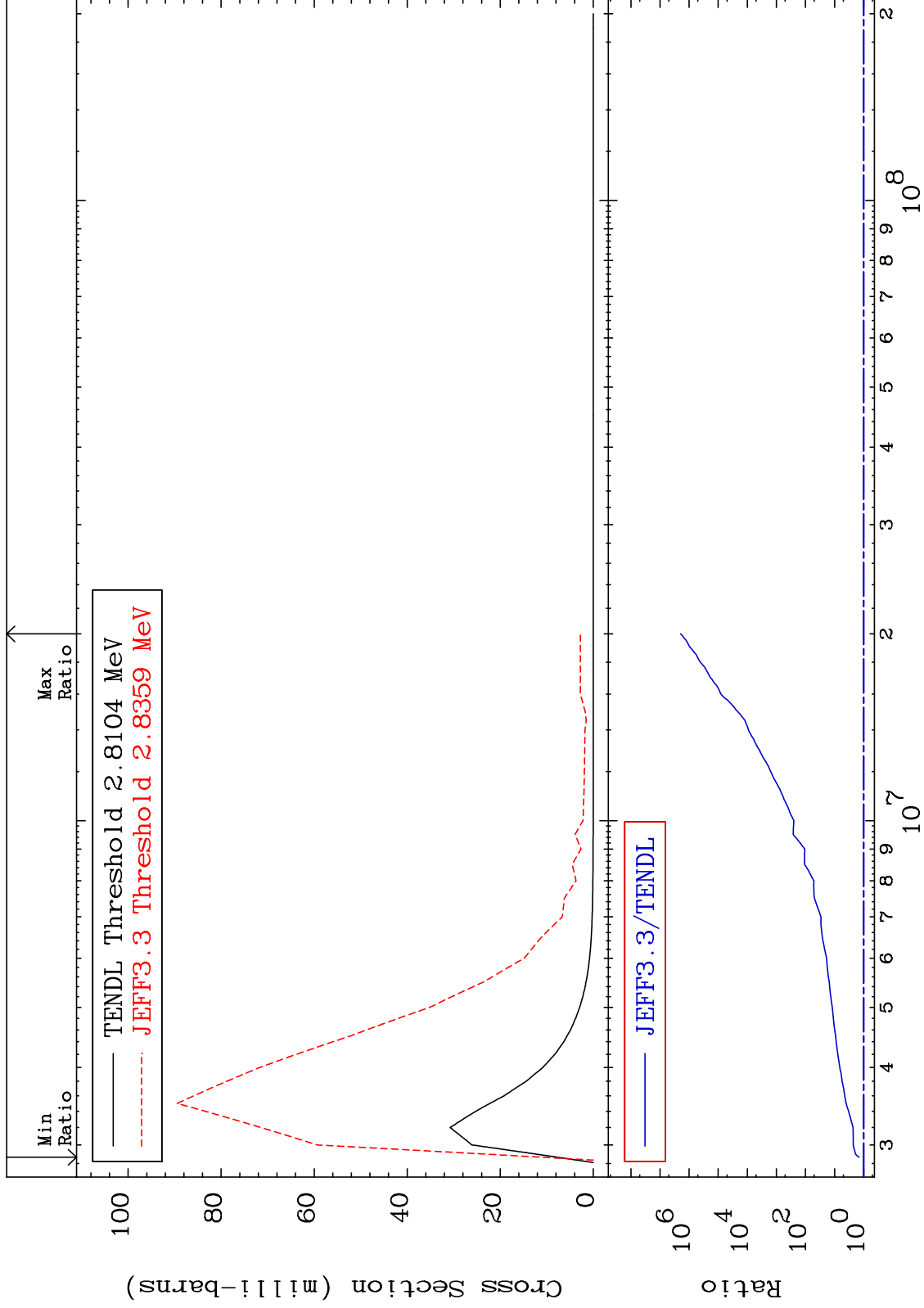
42-Mo-94

MAT 4231

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

43.11 To 9999. %

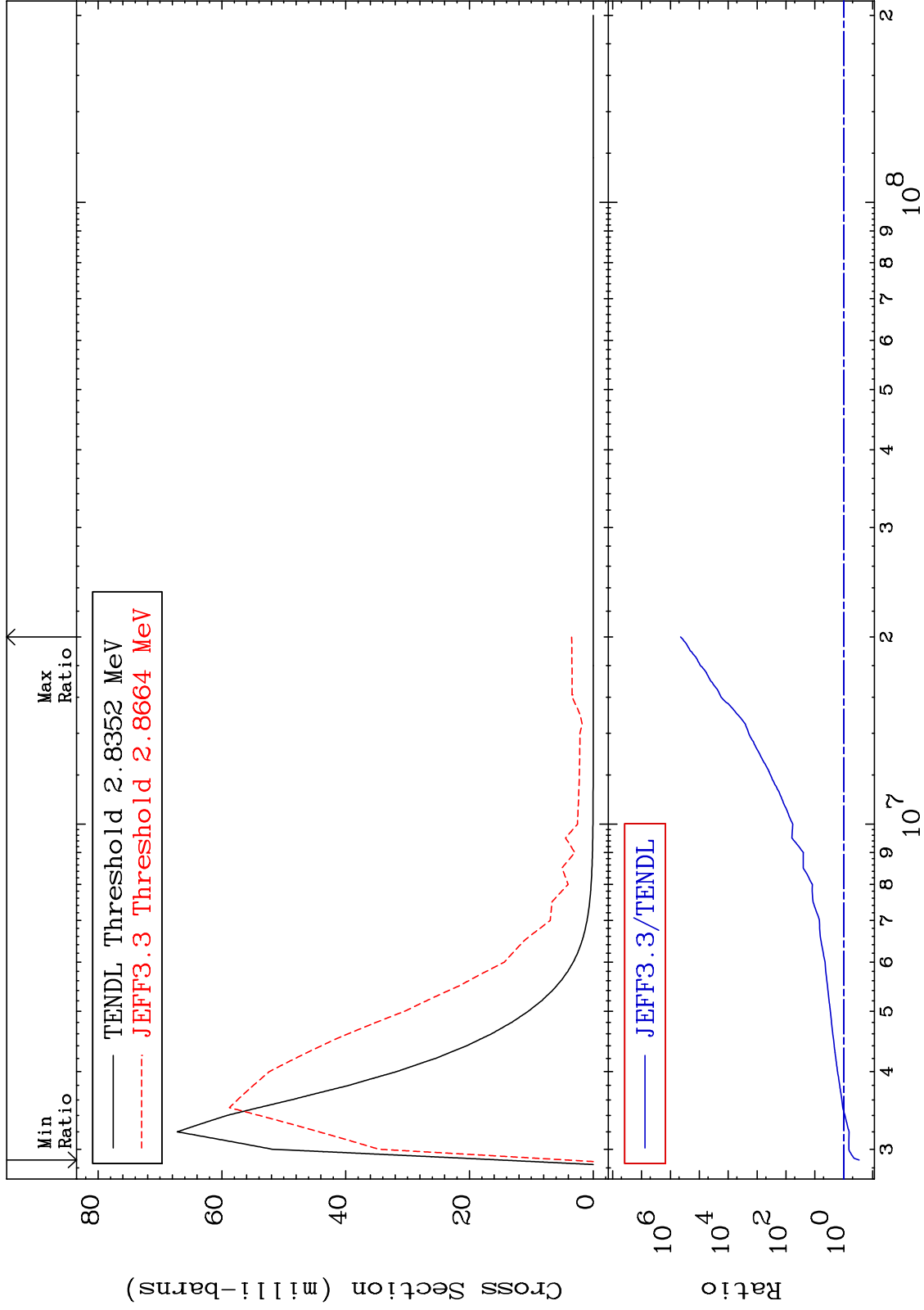
42-Mo-94



MAT 4231

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

42-Mo-94  
-70.63 To 9999. %



27

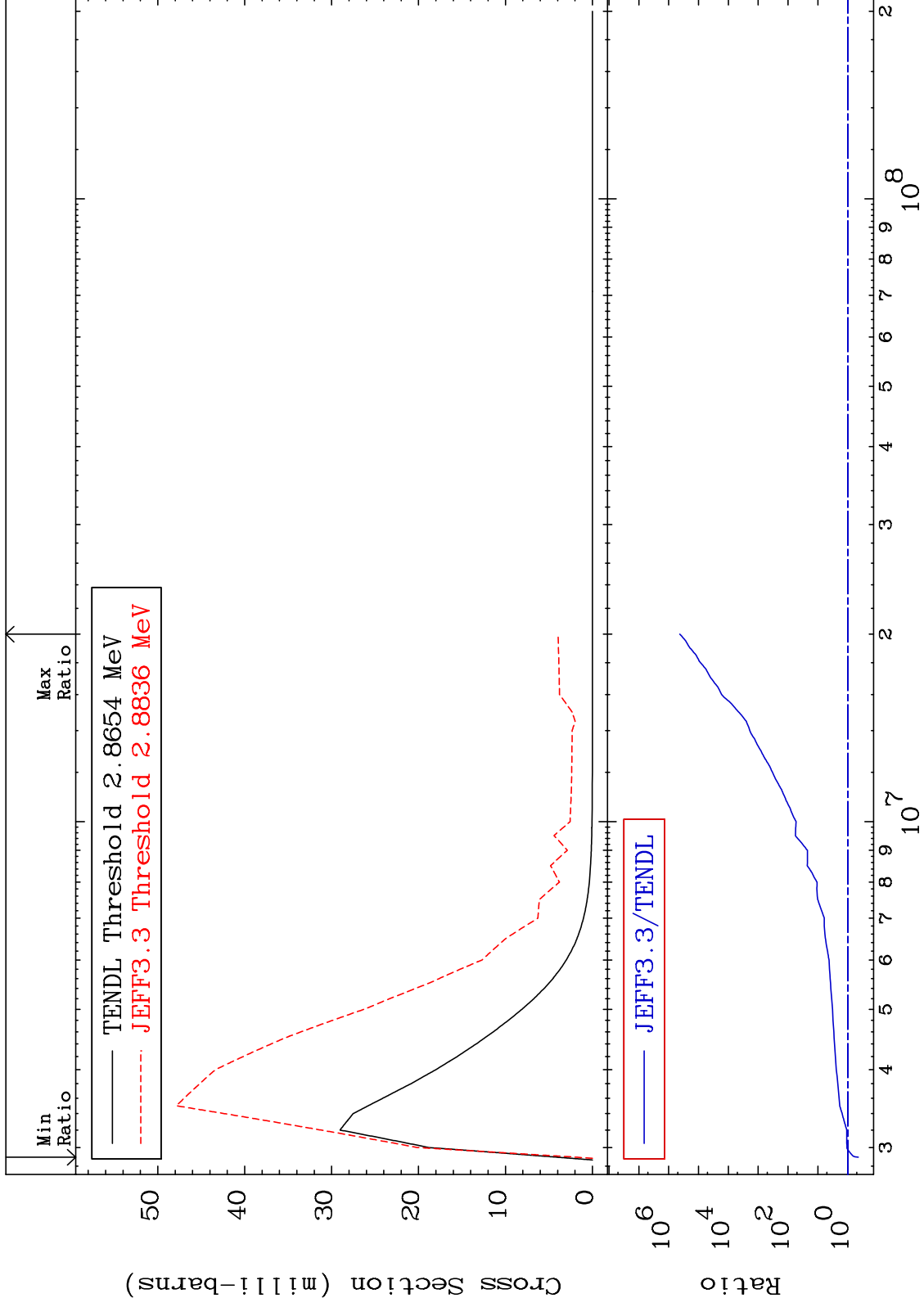
Incident Energy (eV)

42-Mo-94

MAT 4231

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

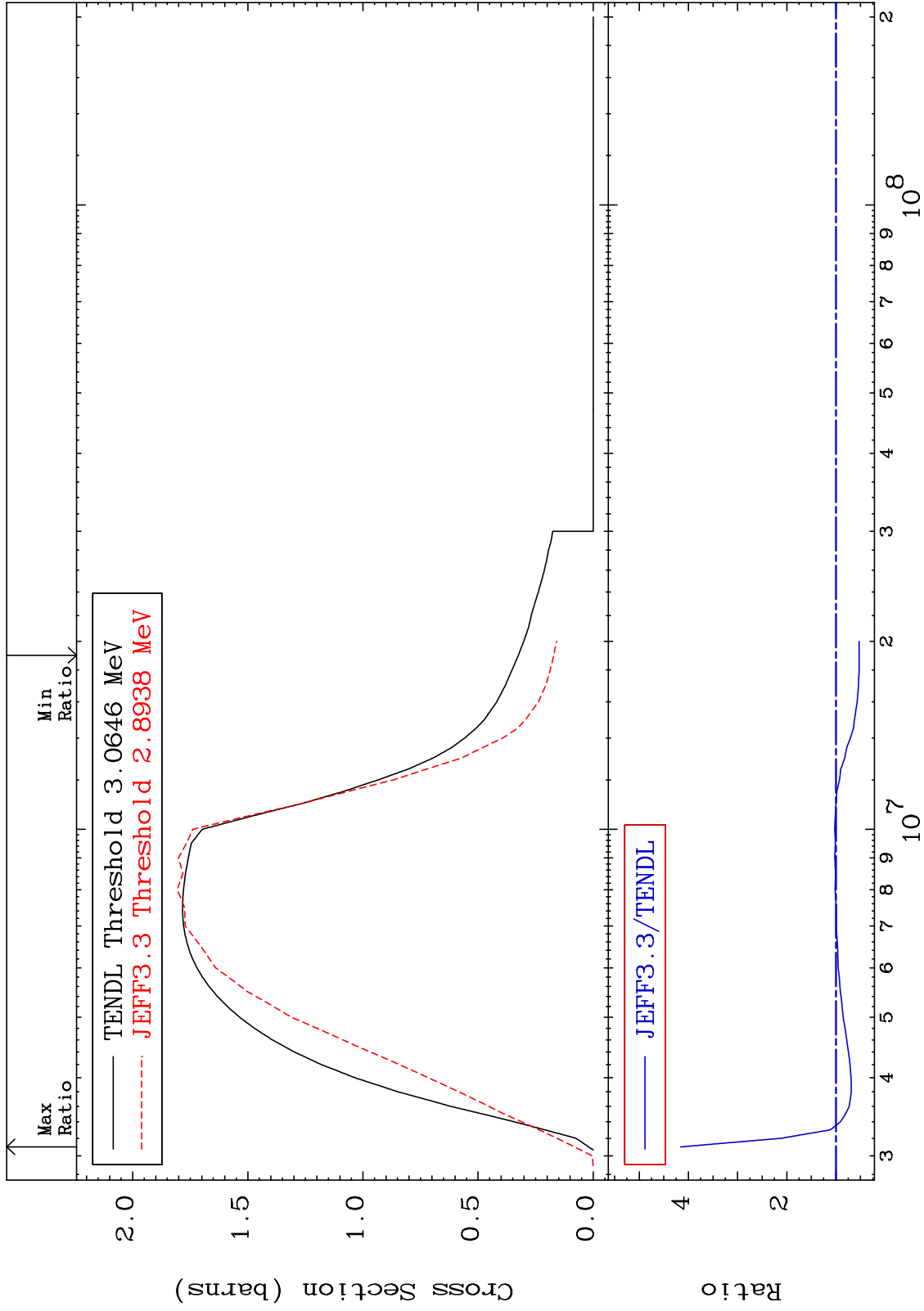
42-Mo-94  
-55.94 To 9999. %



MAT 4231

(n, n') Continuum  
Cross Section

42-Mo-94  
-47.24 To 315.8 %



29

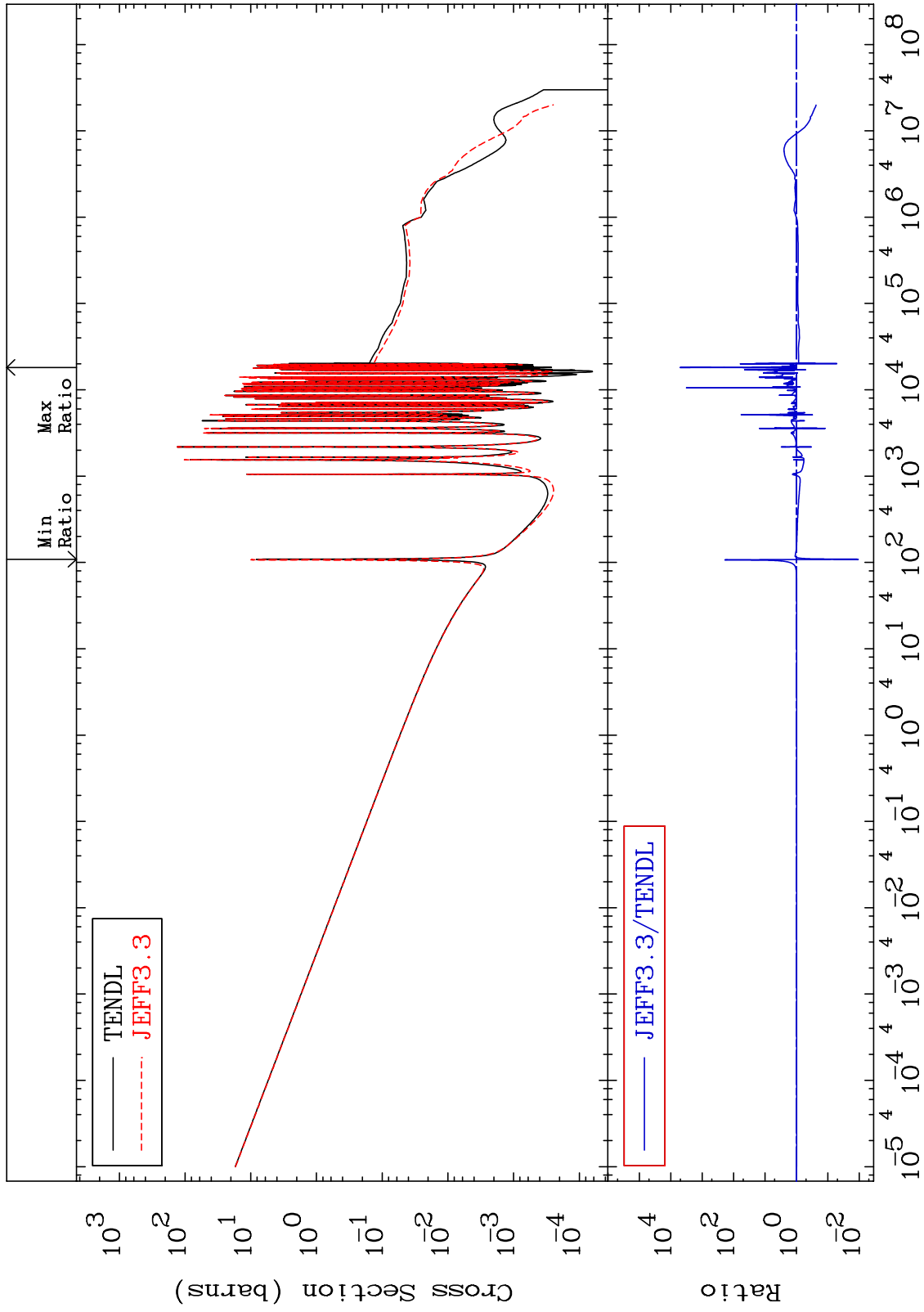
Incident Energy (eV)

42-Mo-94

MAT 4231

(n,  $\gamma$ )  
Cross Section

42-Mo-94  
-98.93 To 9999. %



30

Incident Energy (eV)

42-Mo-94

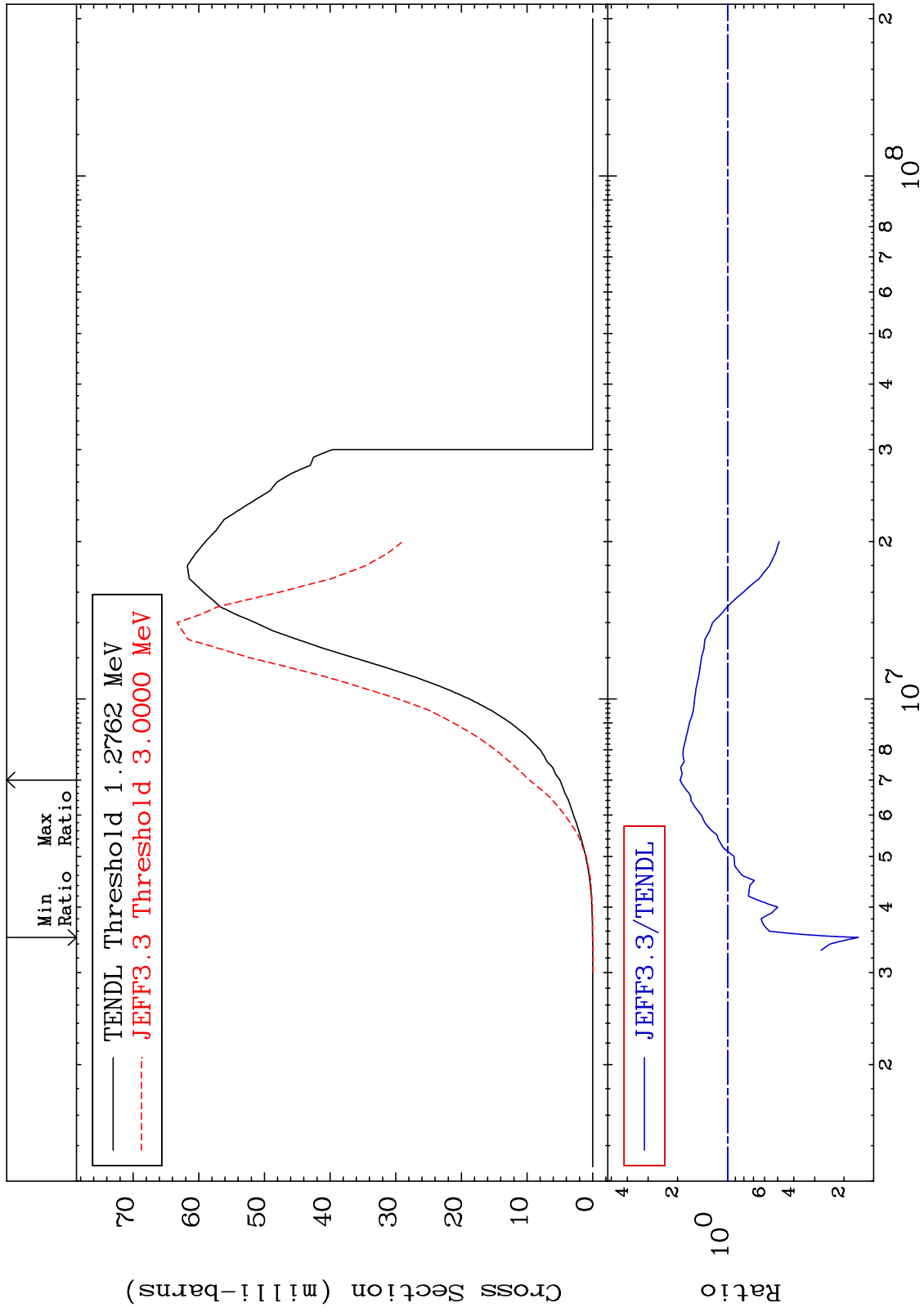
MAT 4231

(n, p)

42-Mo-94

Cross Section

-83.61 To 93.24 %





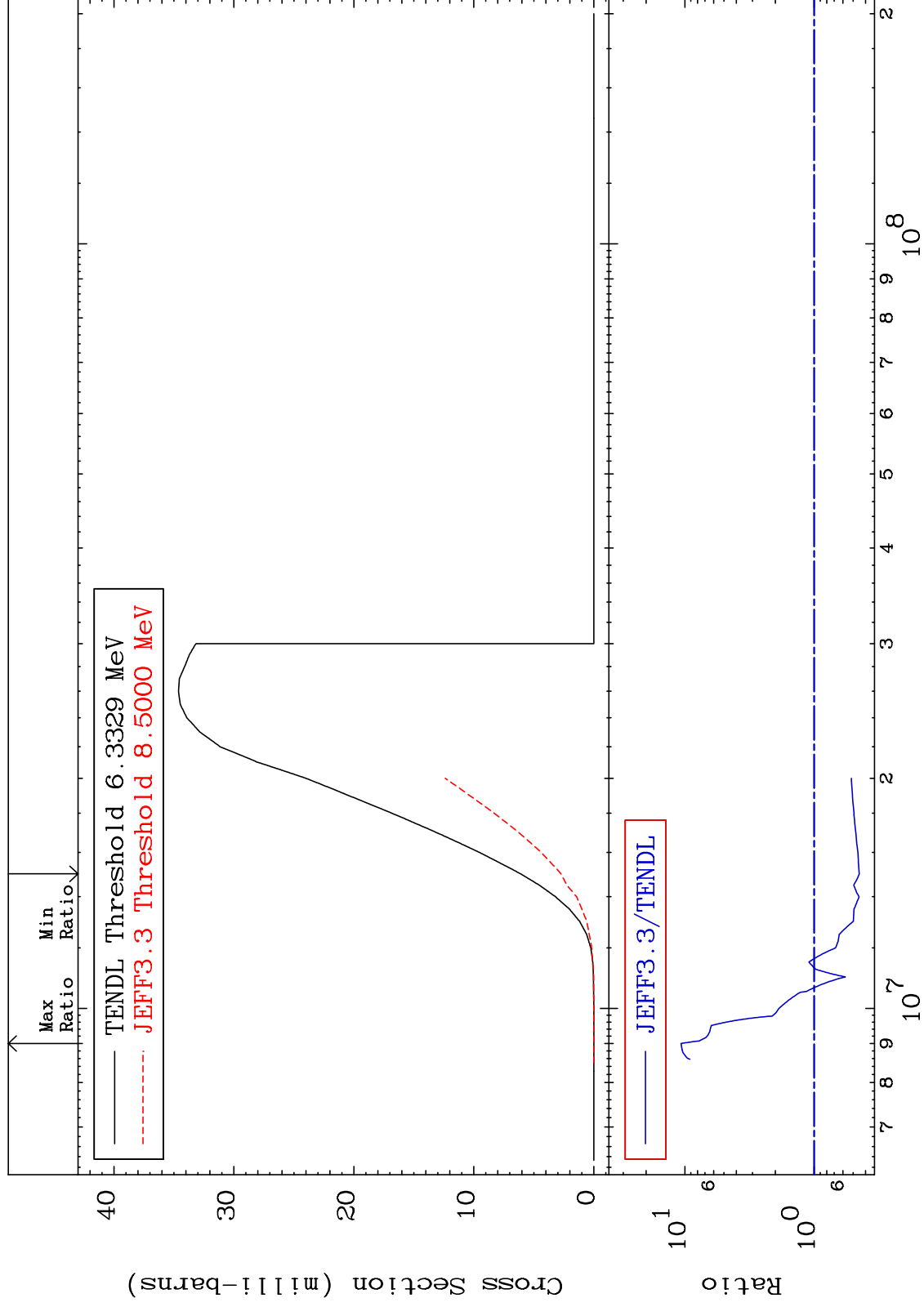
MAT 4231

(n, d)

42-Mo-94

Cross Section

-55.19 To 972.5 %



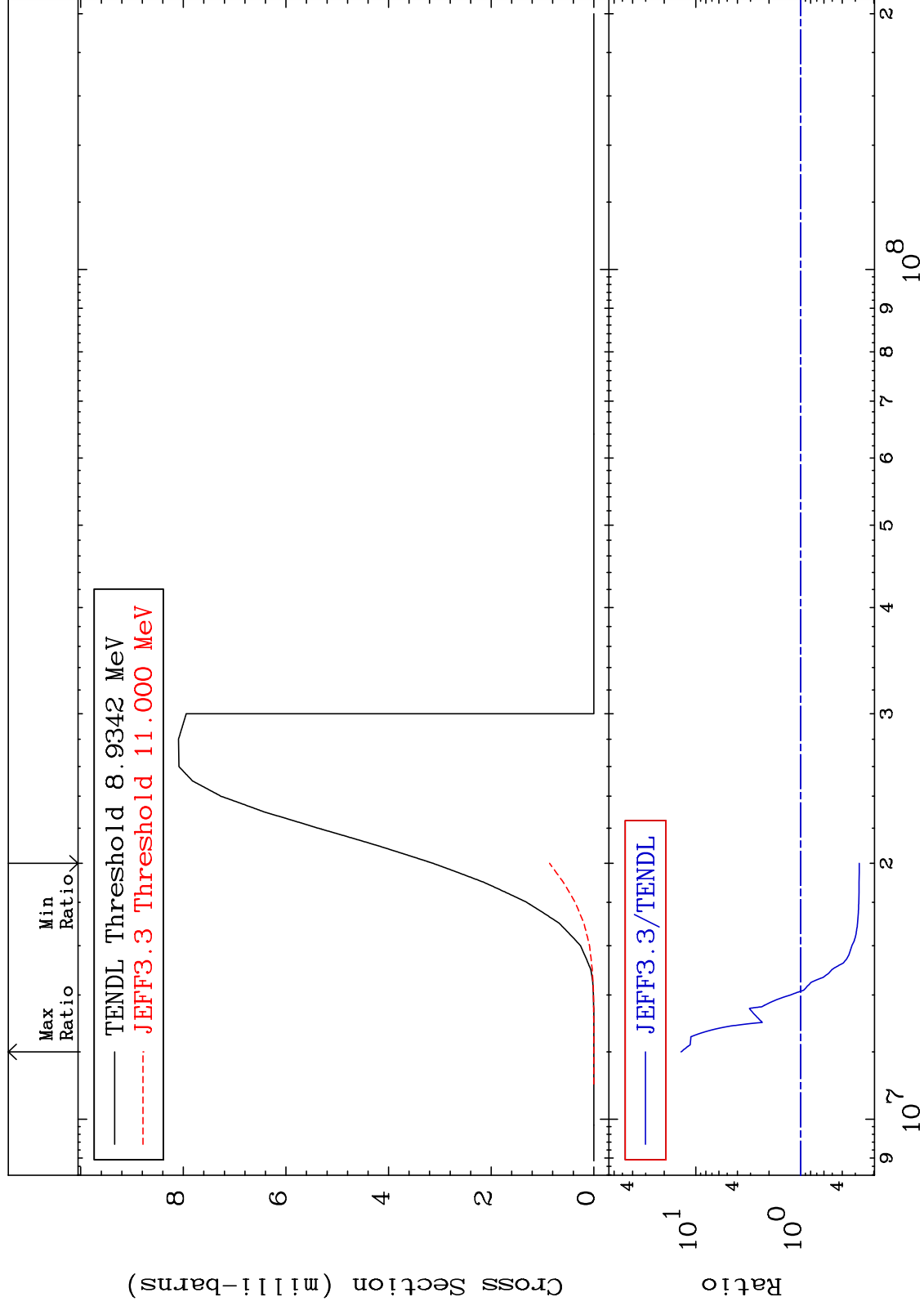
MAT 4231

(n, t)

42-Mo-94

Cross Section

-72.44 To 1280. %



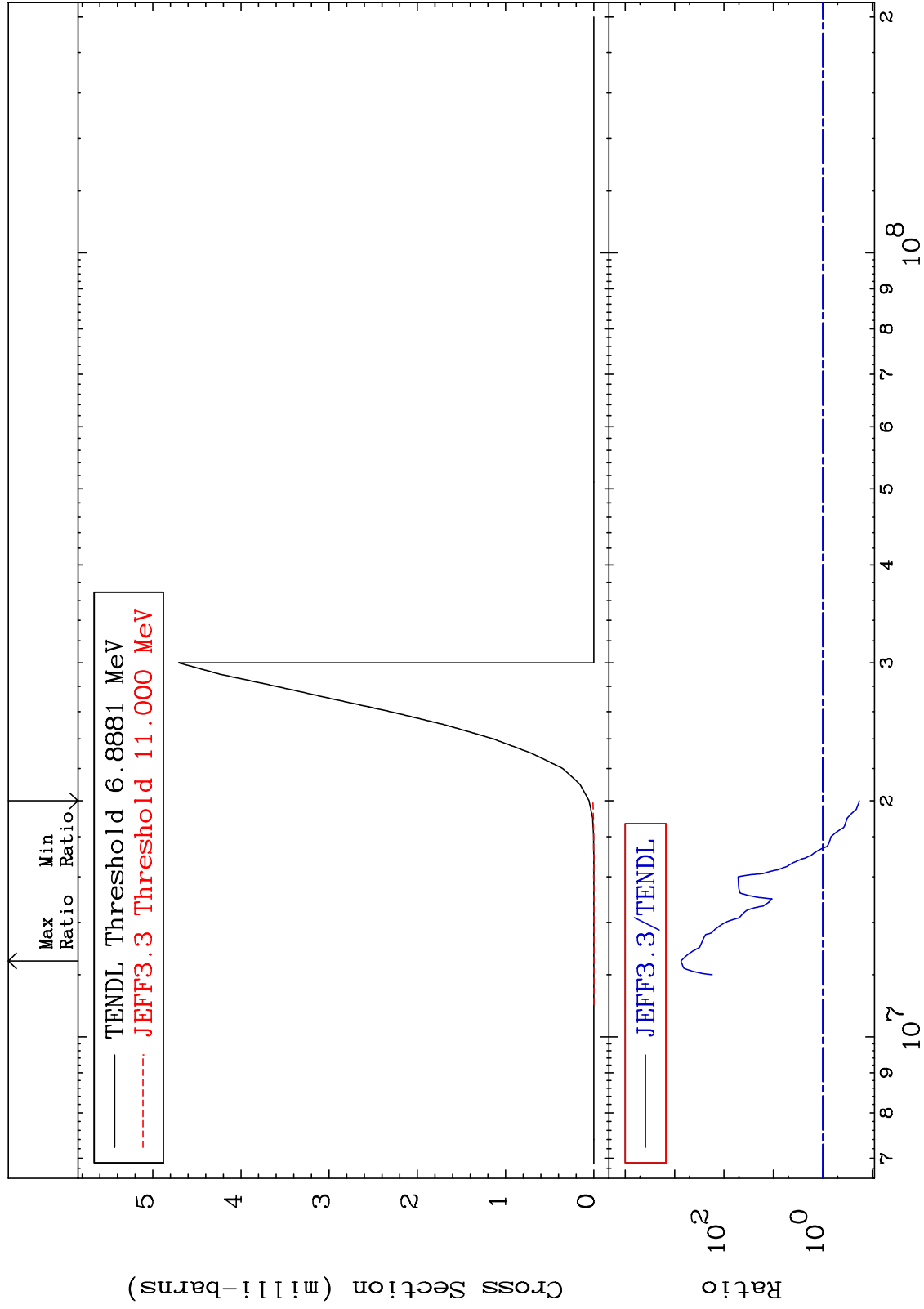
MAT 4231

(n, He-3)

42-Mo-94

Cross Section

-81.65 To 9999. %



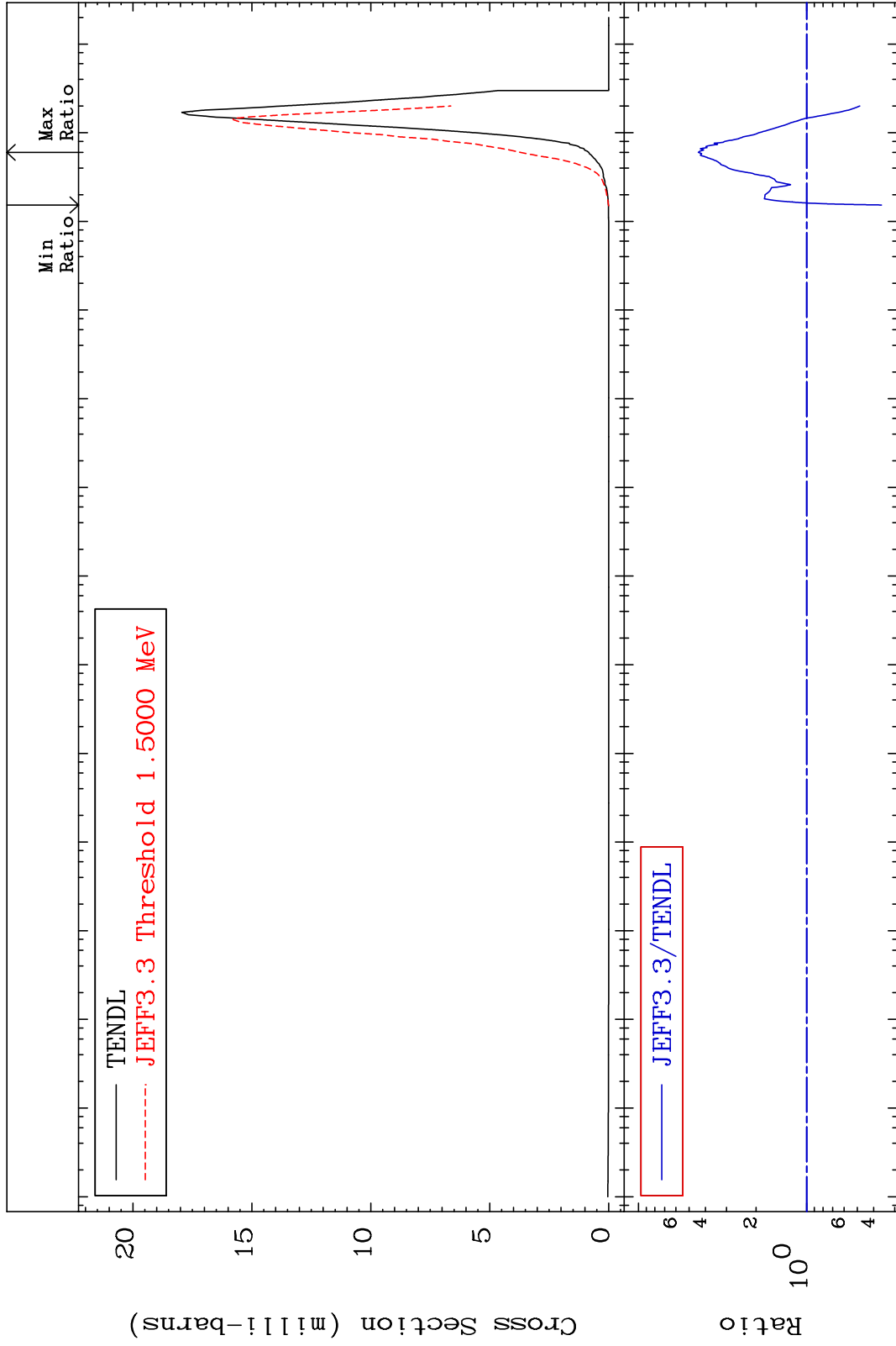
MAT 4231

(n,  $\alpha$ )

42-Mo-94

Cross Section

-64.11 To 340.9 %



35

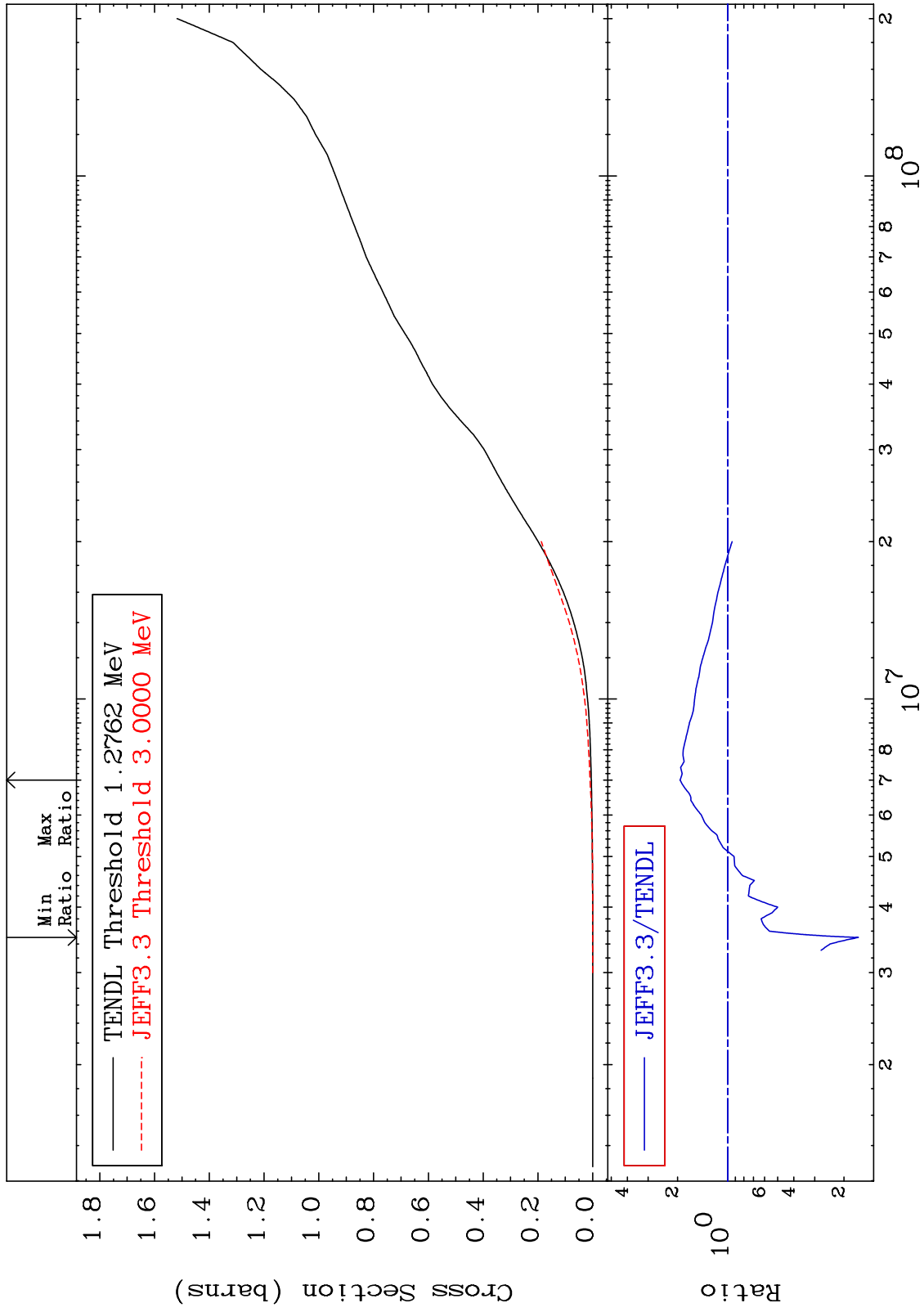
Incident Energy (eV)

42-Mo-94

MAT 4231

Hydrogen Production  
Cross Section

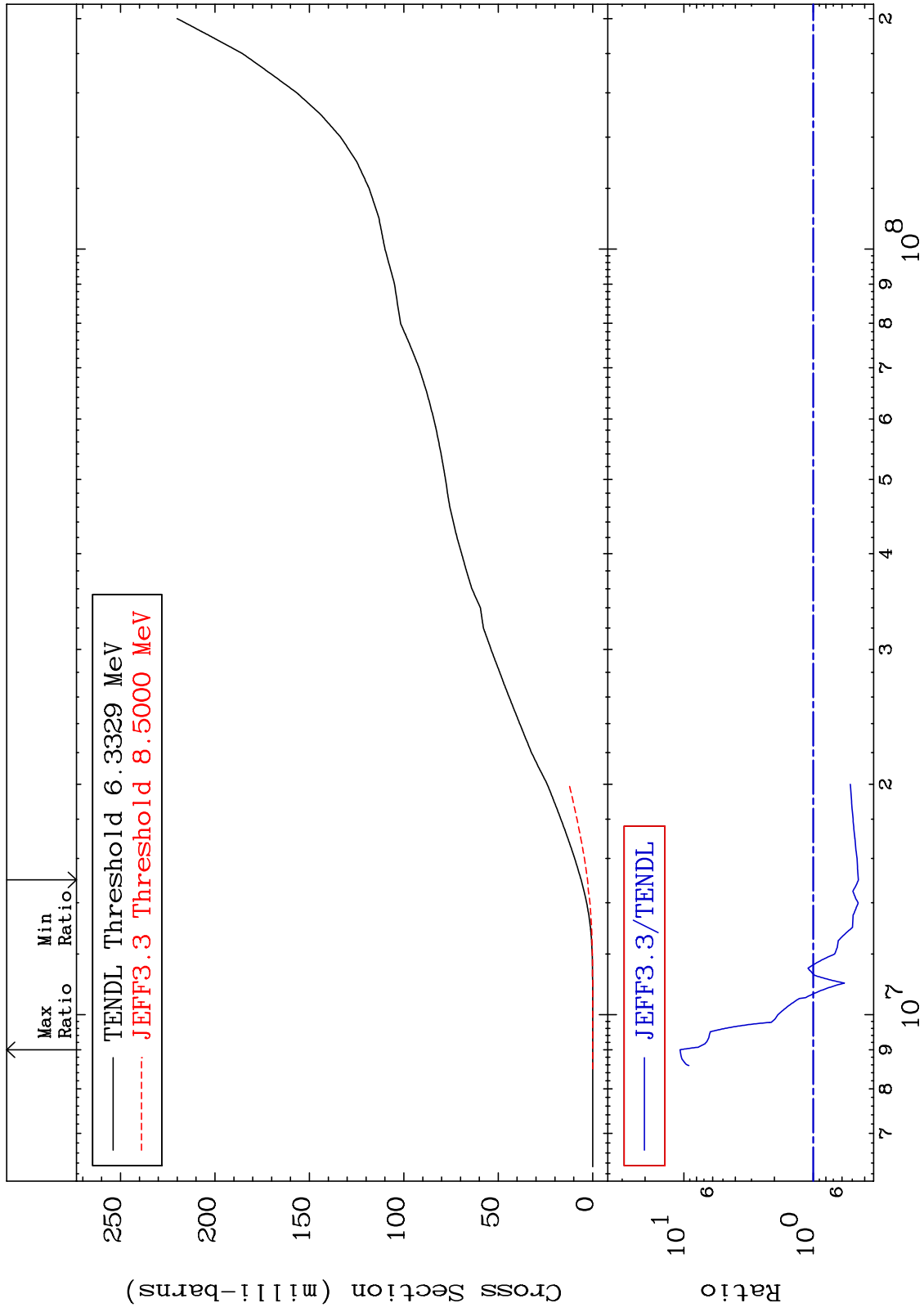
42-Mo-94  
-83.61 To 93.24 %



MAT 4231

Deuterium Production  
Cross Section

42-Mo-94  
-55.19 To 972.5 %



37

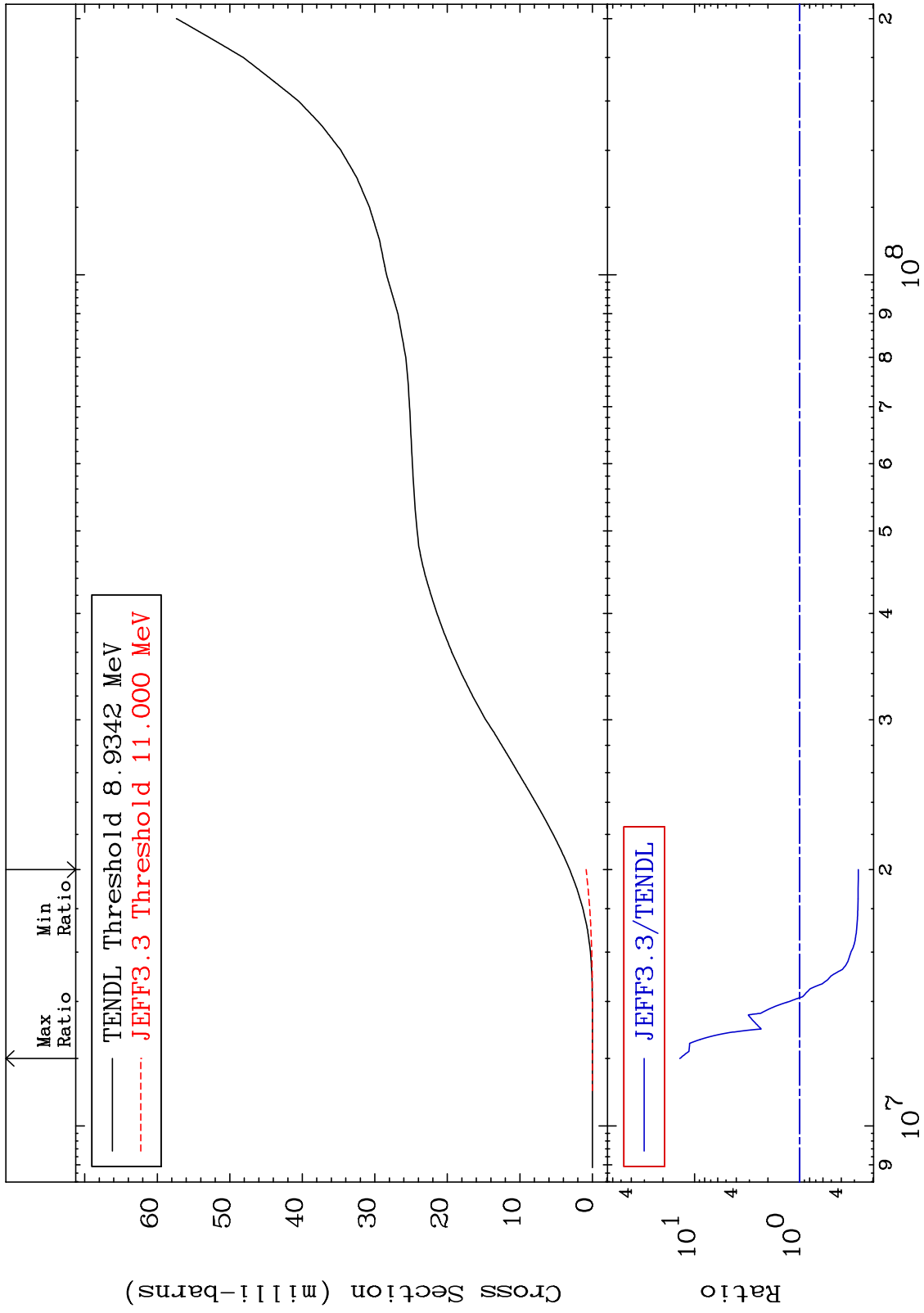
Incident Energy (eV)

42-Mo-94

MAT 4231

Tritium Production  
Cross Section

42-Mo-94  
-72.44 To 1280. %



38

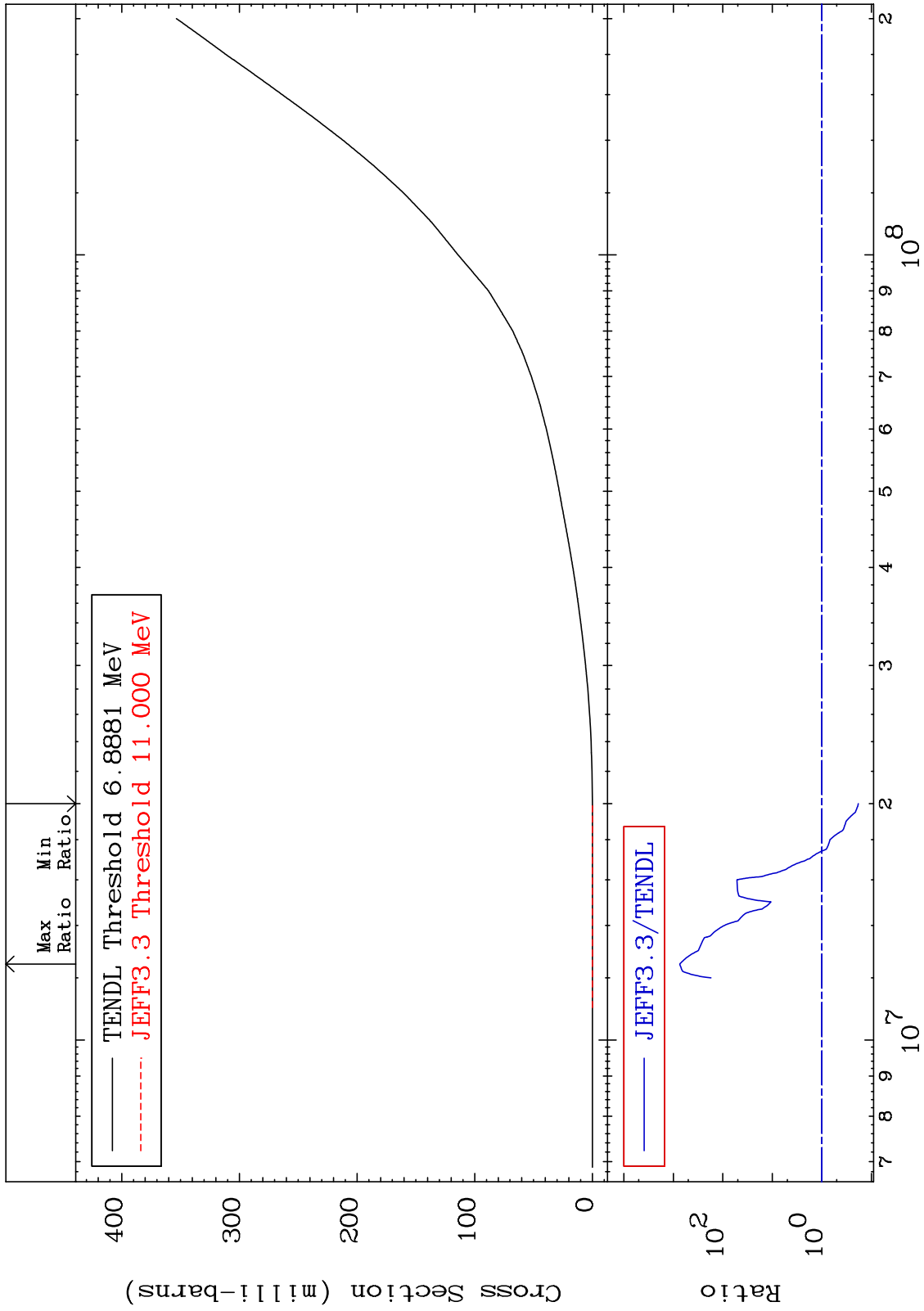
Incident Energy (eV)

42-Mo-94

MAT 4231

He-3 Production  
Cross Section

42-Mo-94  
-81.65 To 9999. %



39

Incident Energy (eV)

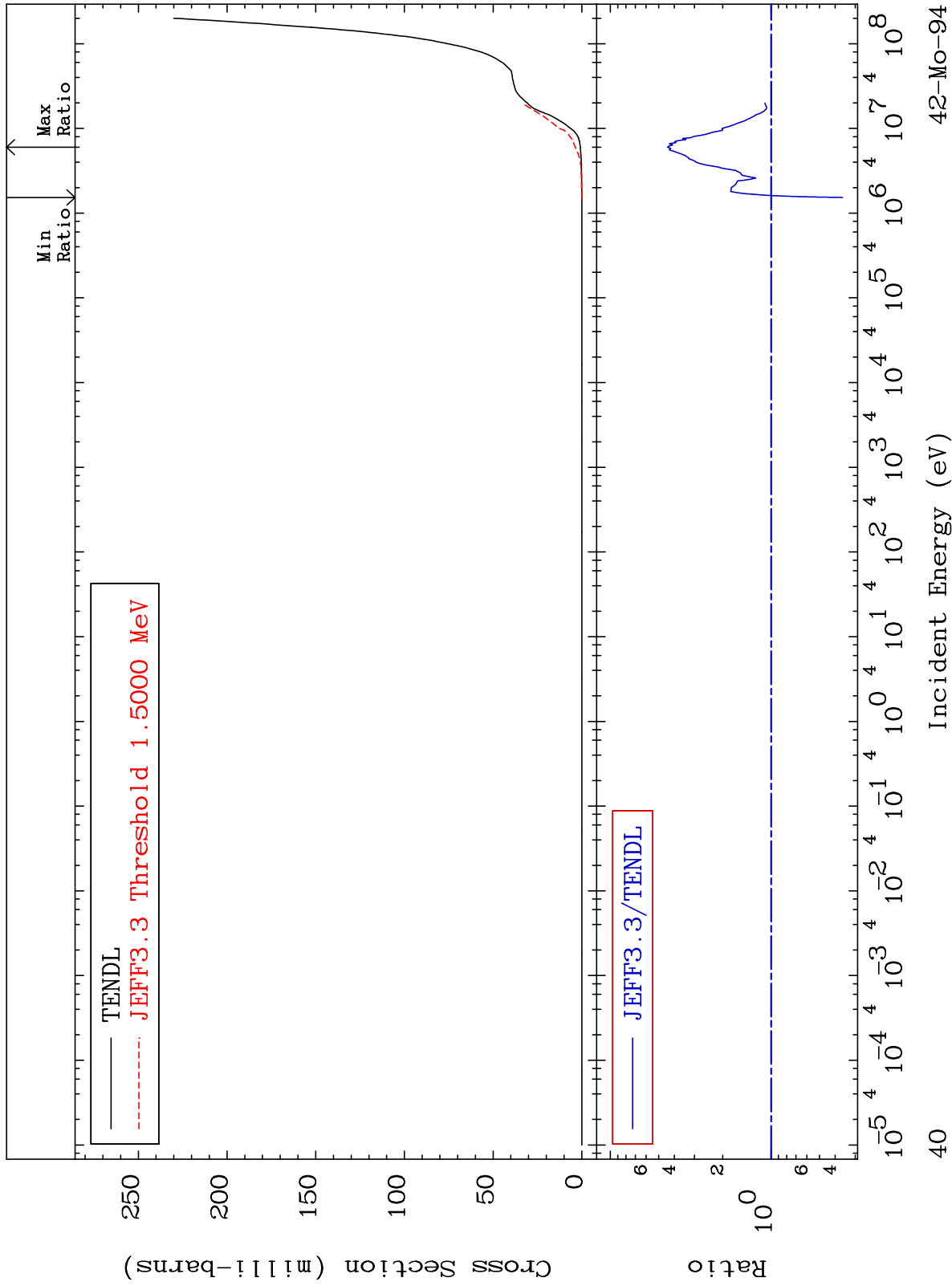
42-Mo-94



MAT 4231

### He-4 Production Cross Section

42-Mo-94  
-64.11 To 340.9 %



42-Mo-94

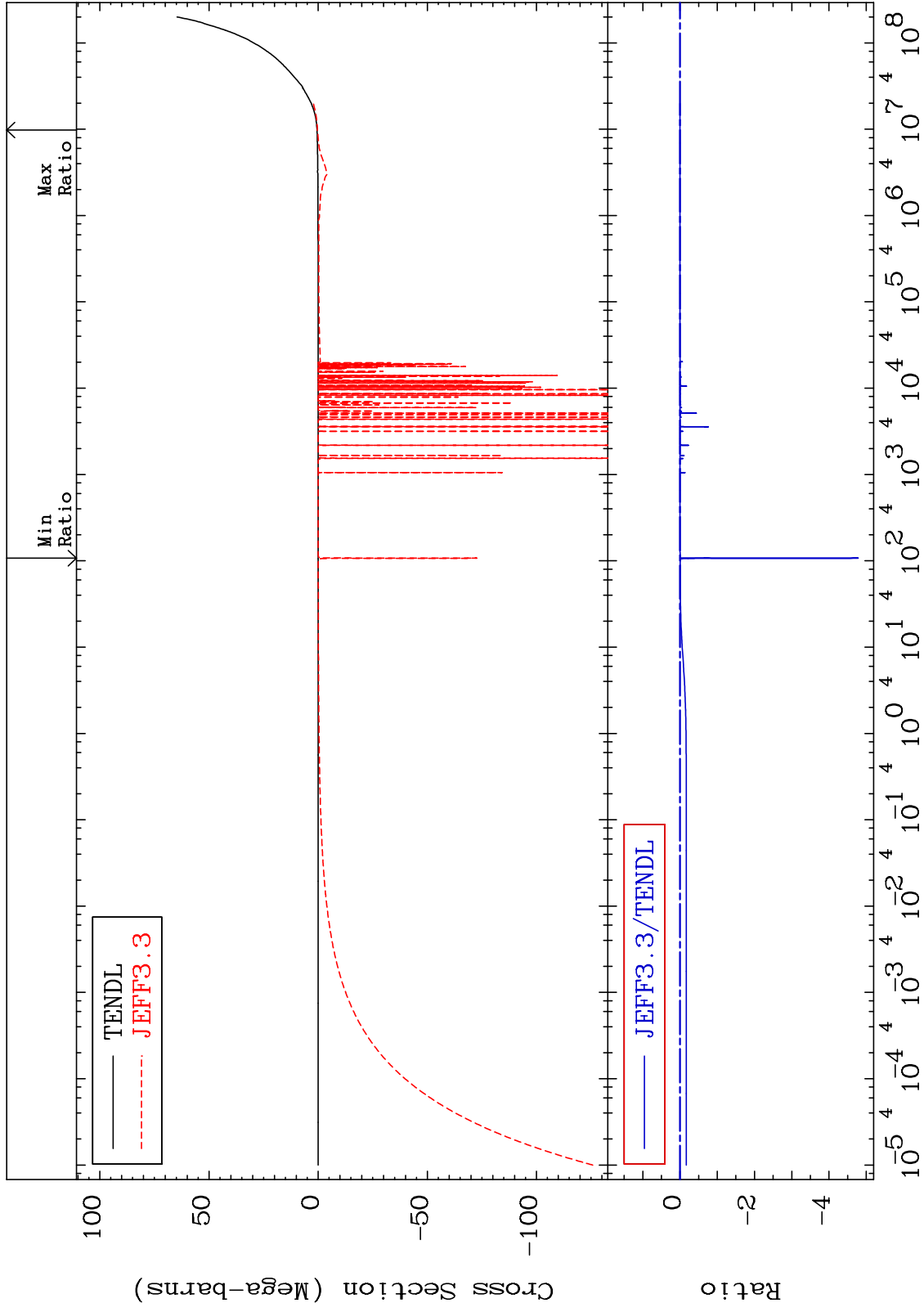
Incident Energy (eV)

40

MAT 4231

Kerma total (eV-barns)  
Cross Section

42-Mo-94  
-9999. To -21.60%



41

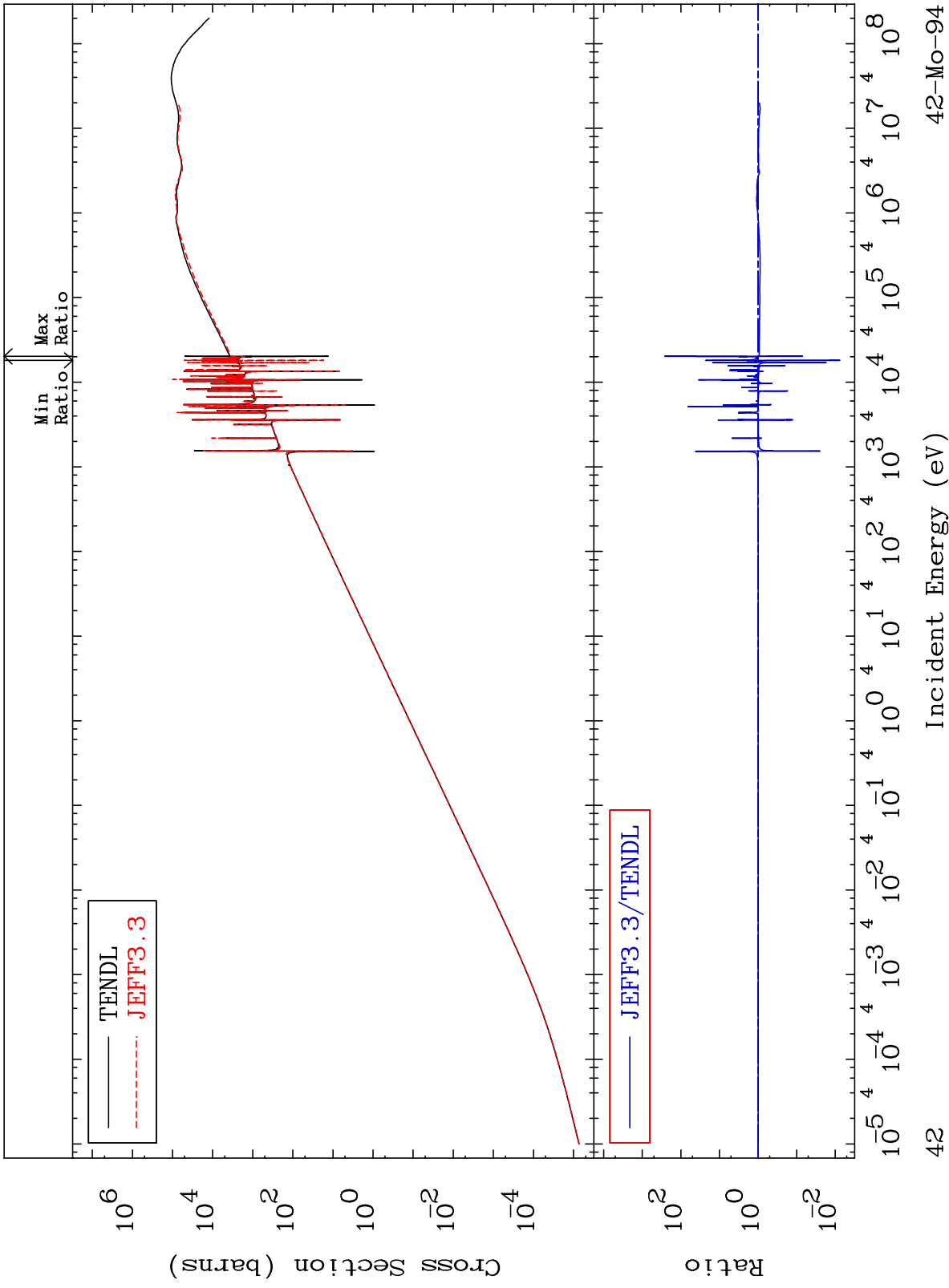
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma elastic  
Cross Section

42-Mo-94  
-99.24 To 9999. %



42

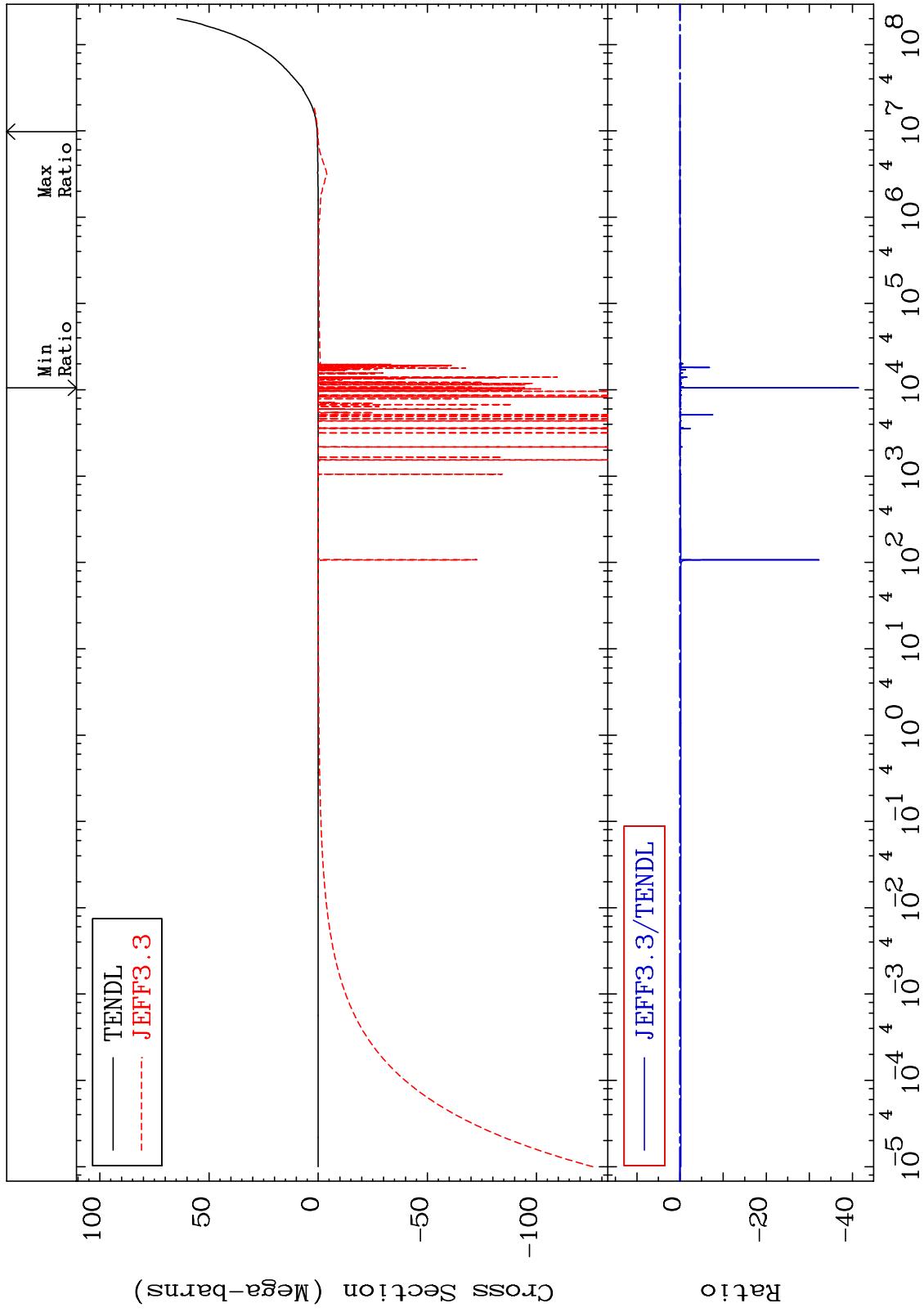
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma non-elastic (all but mt2)  
Cross Section

42-Mo-94  
-9999. To -24.38%



43

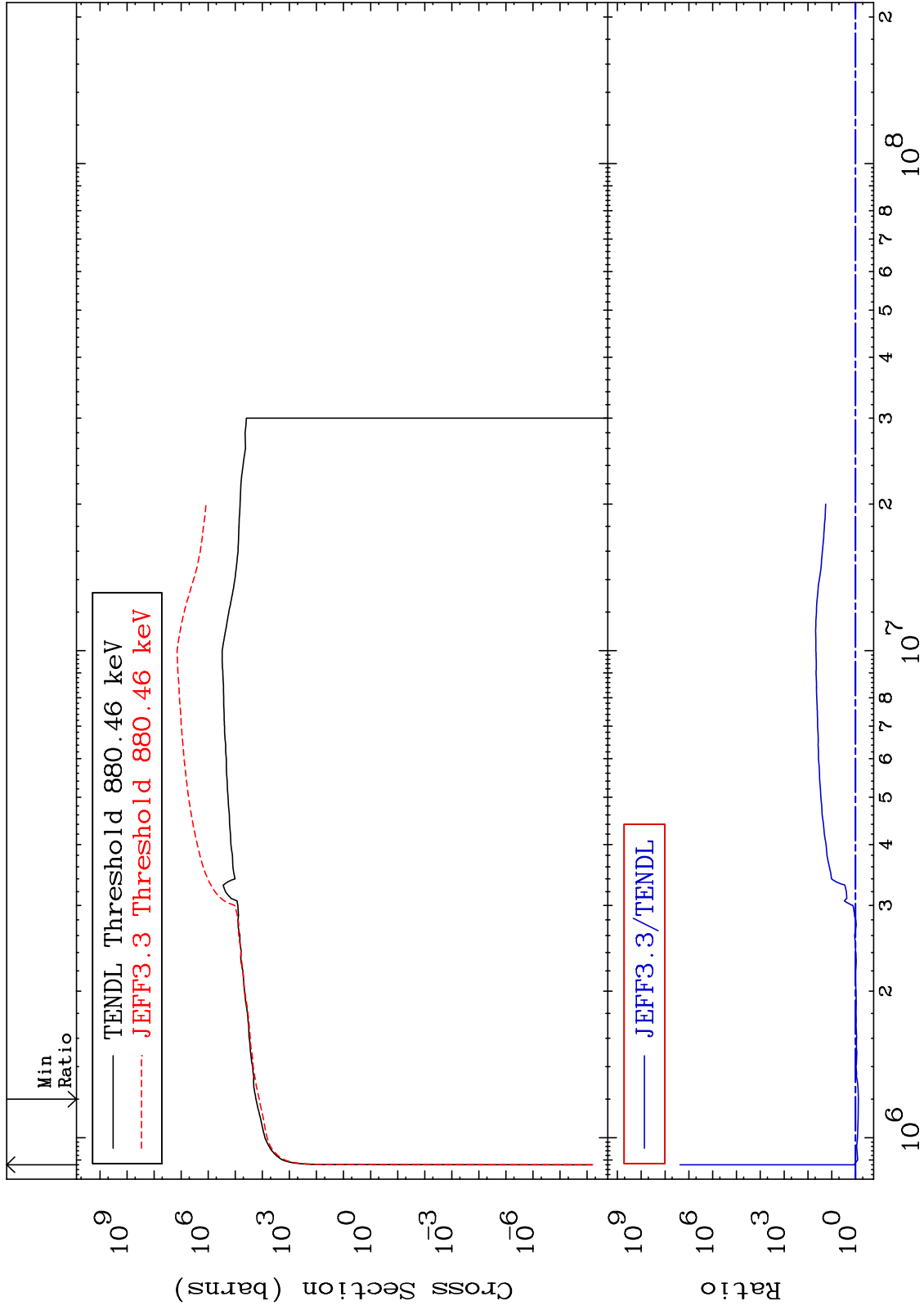
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma inelastic (mt51-91)  
Cross Section

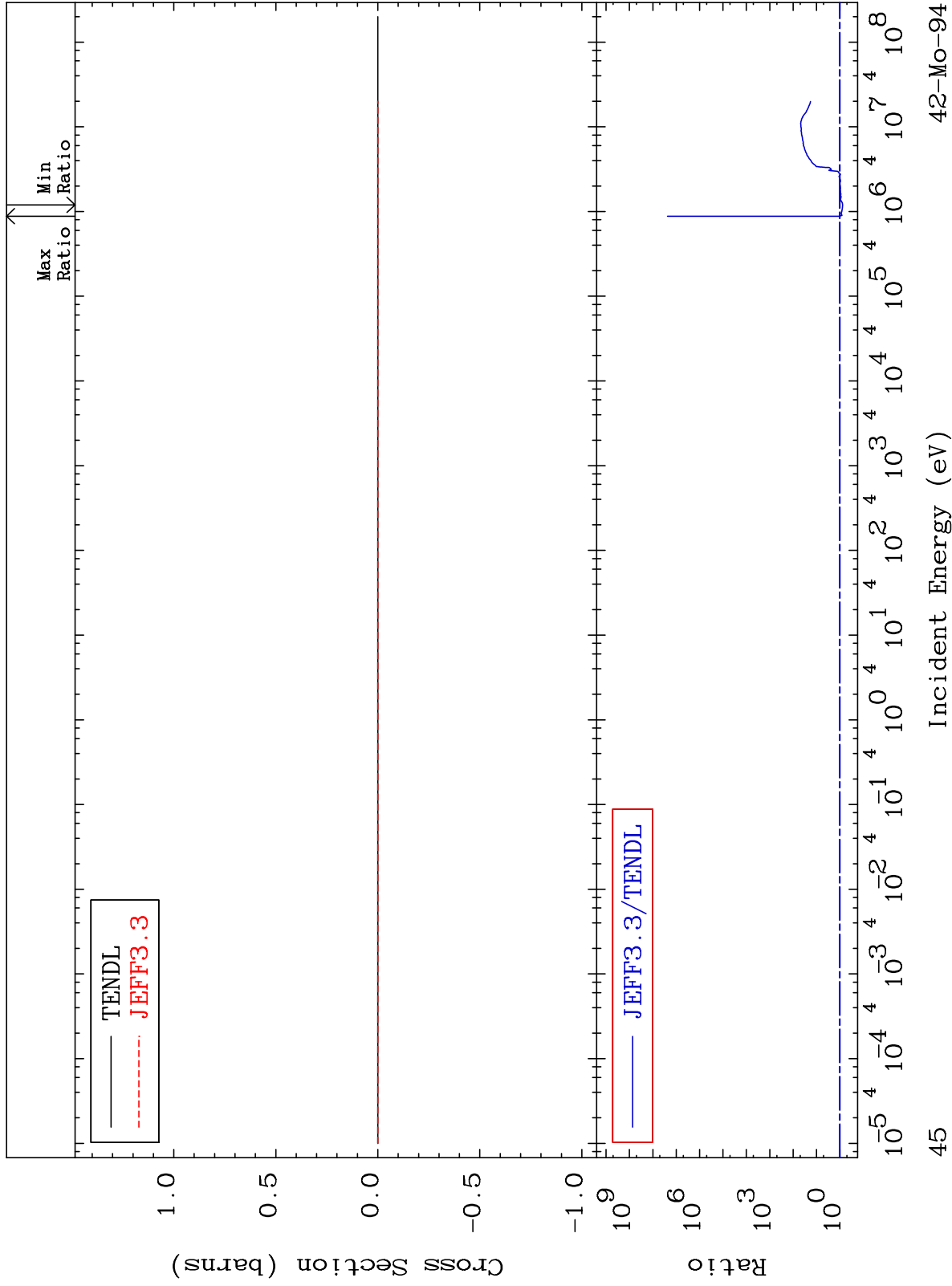
42-Mo-94  
-23.60 To 9999. %



MAT 4231

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

42-Mo-94  
-23.60 To 9999. %



45

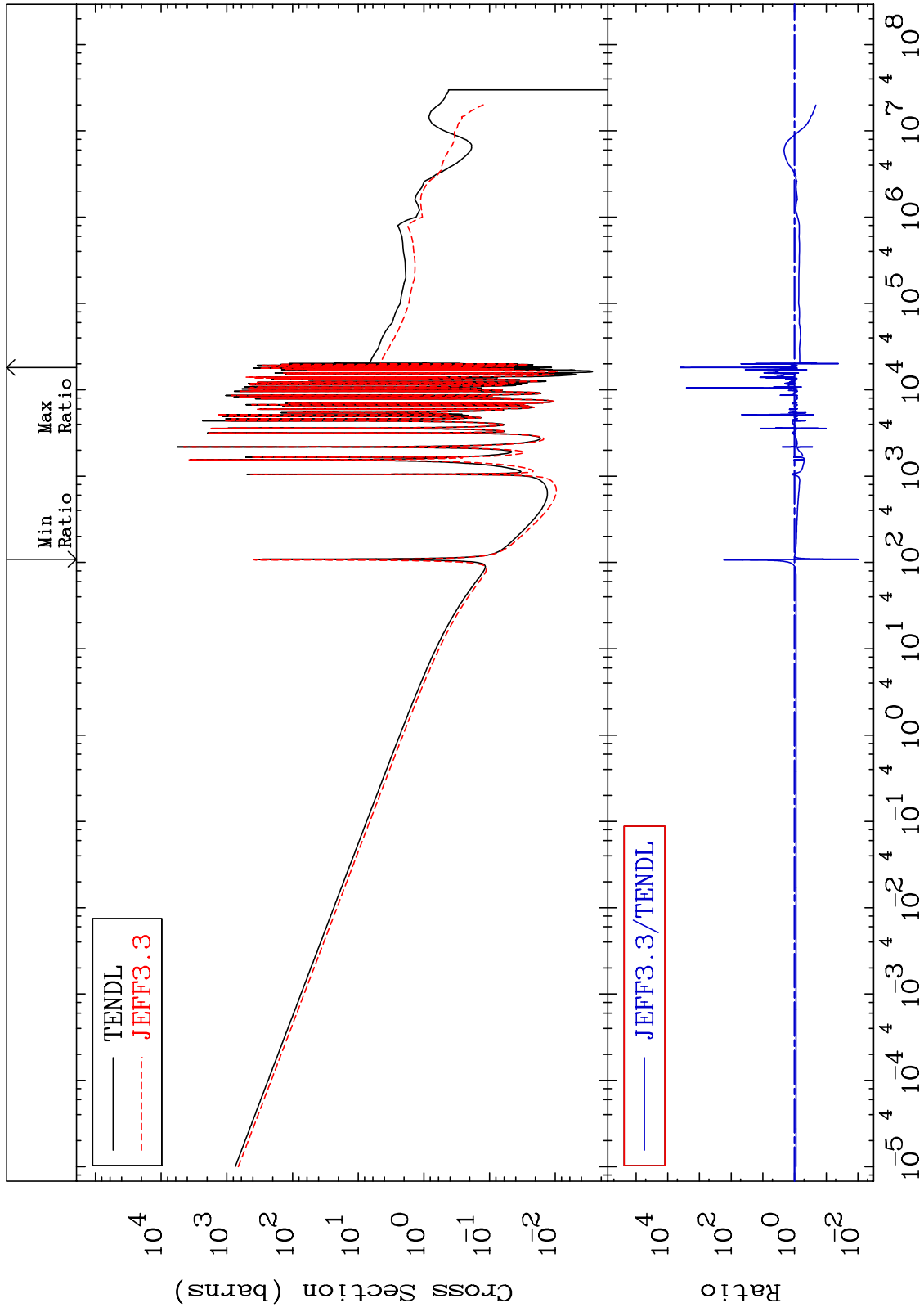
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma capture (mt102)  
Cross Section

42-Mo-94  
-99.04 To 9999. %



46

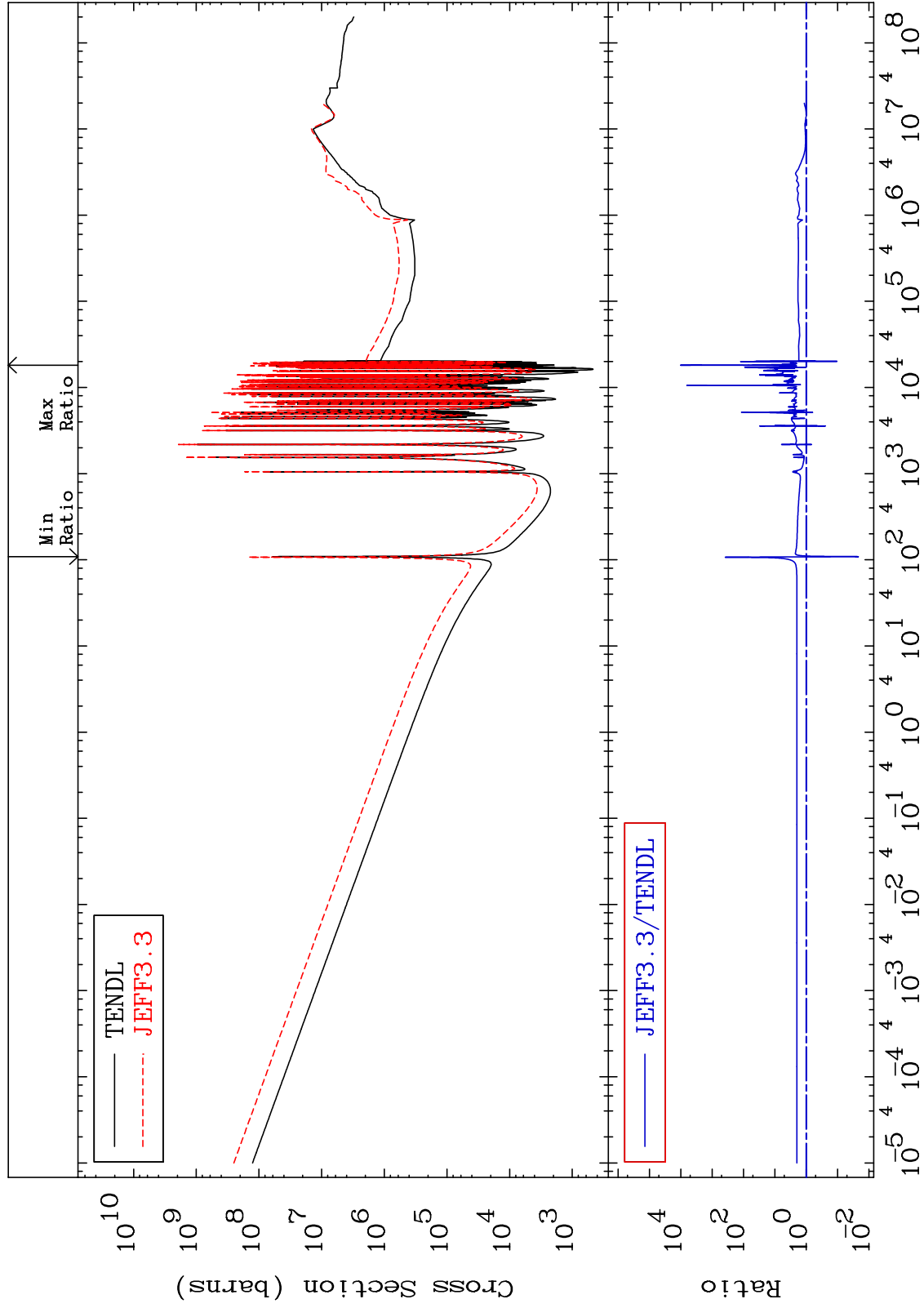
Incident Energy (eV)

42-Mo-94

MAT 4231

Total photon (eV-barns)  
Cross Section

42-Mo-94  
-97.86 To 9999. %



47

Incident Energy (eV)

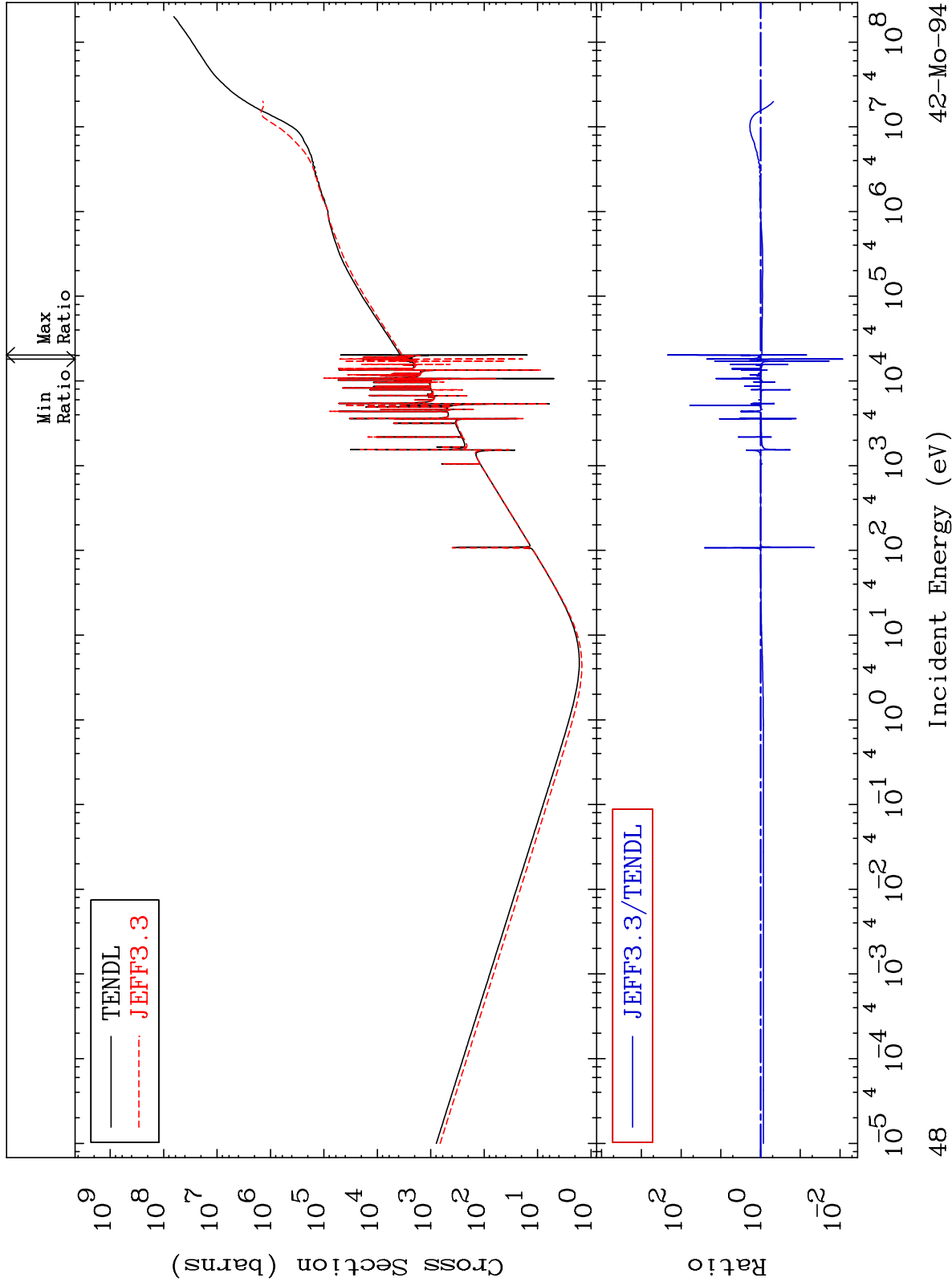
42-Mo-94



MAT 4231

Total kinematic kerma (high limit)  
Cross Section

42-Mo-94  
-99.14 To 9999. %



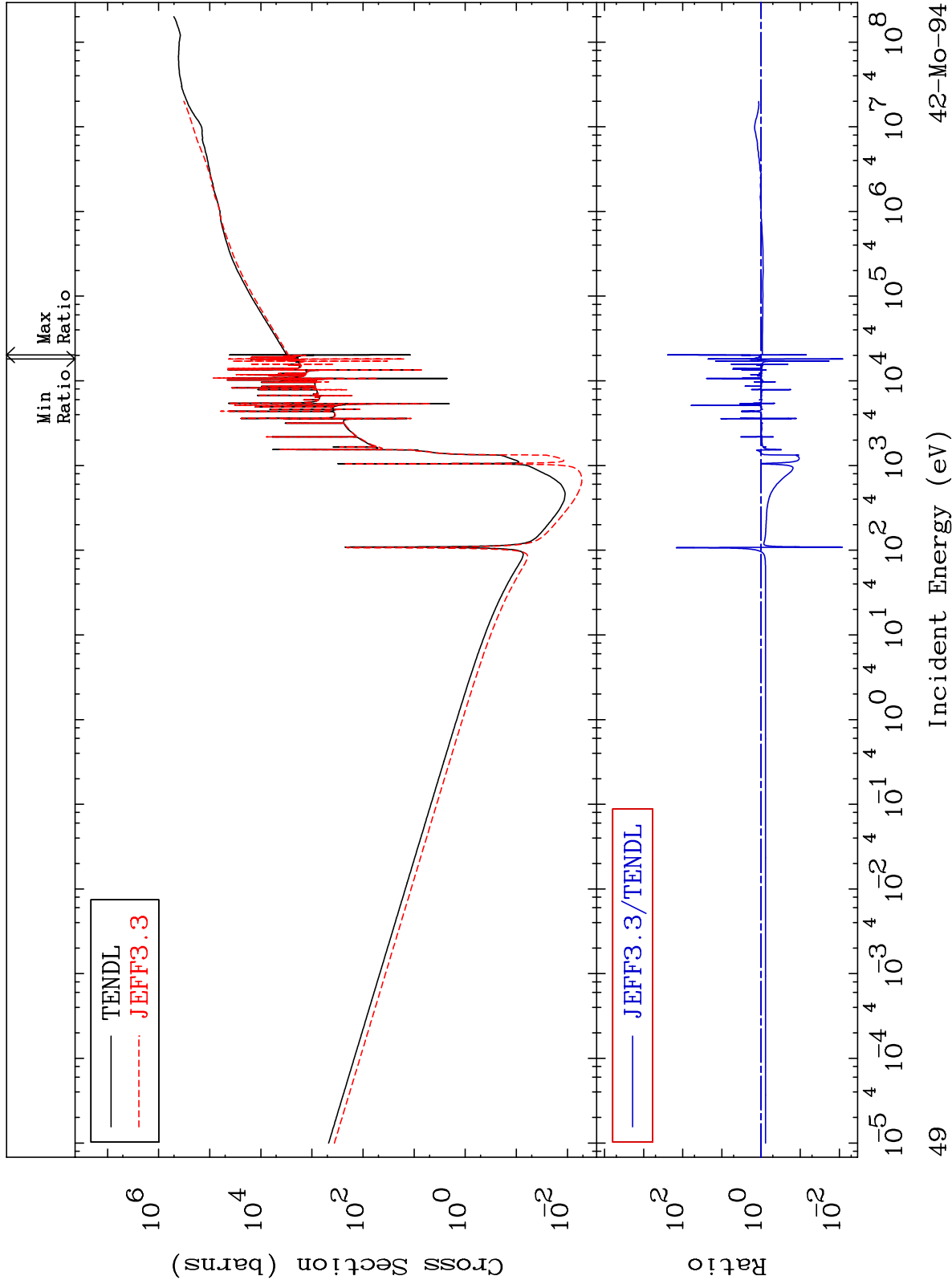
42-Mo-94

48

MAT 4231

Dpa total (eV-barns)  
Cross Section

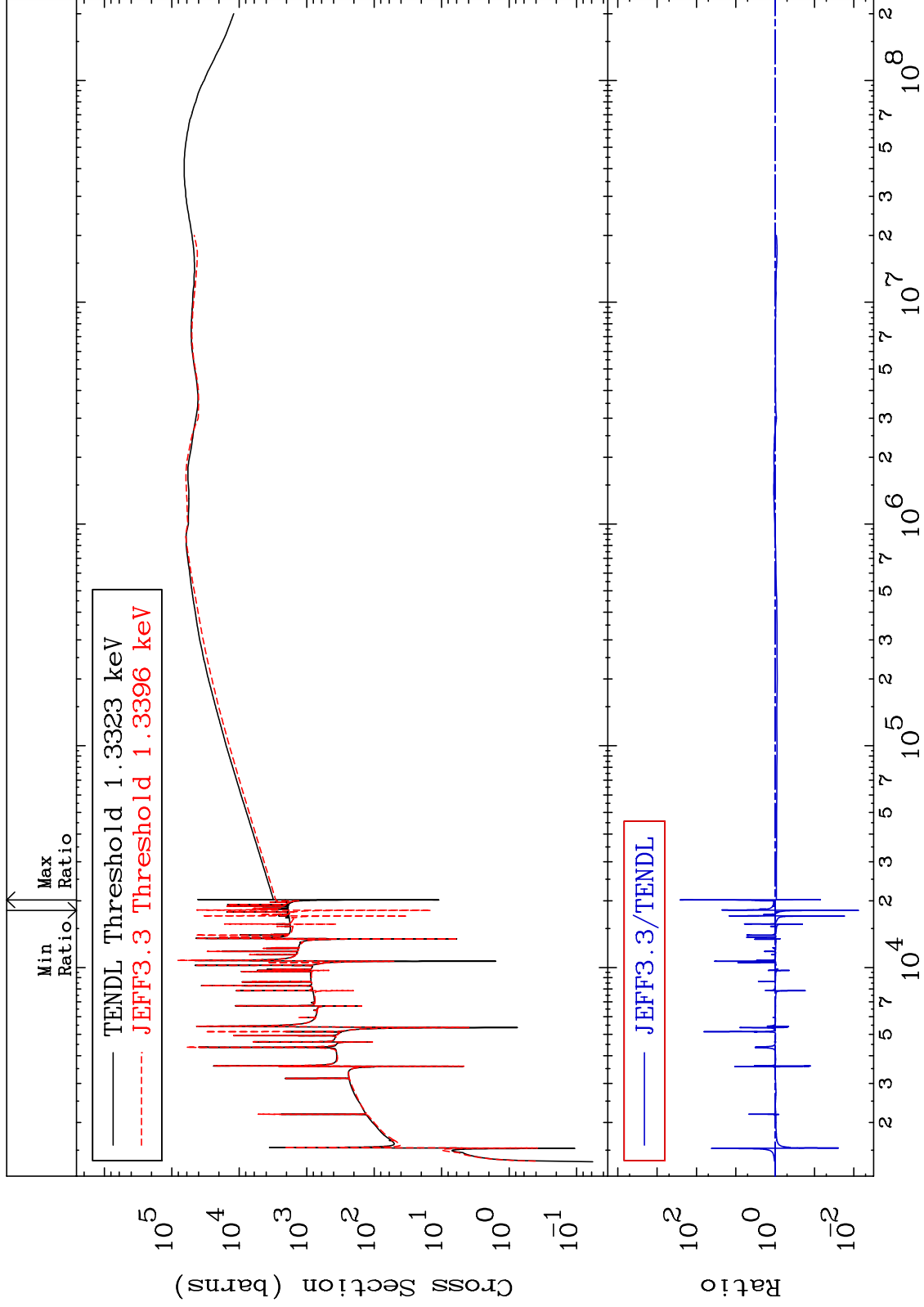
42-Mo-94  
-99.18 To 9999. %



MAT 4231

Dpa elastic (mt2)  
Cross Section

42-Mo-94  
-99.24 To 9999. %



50

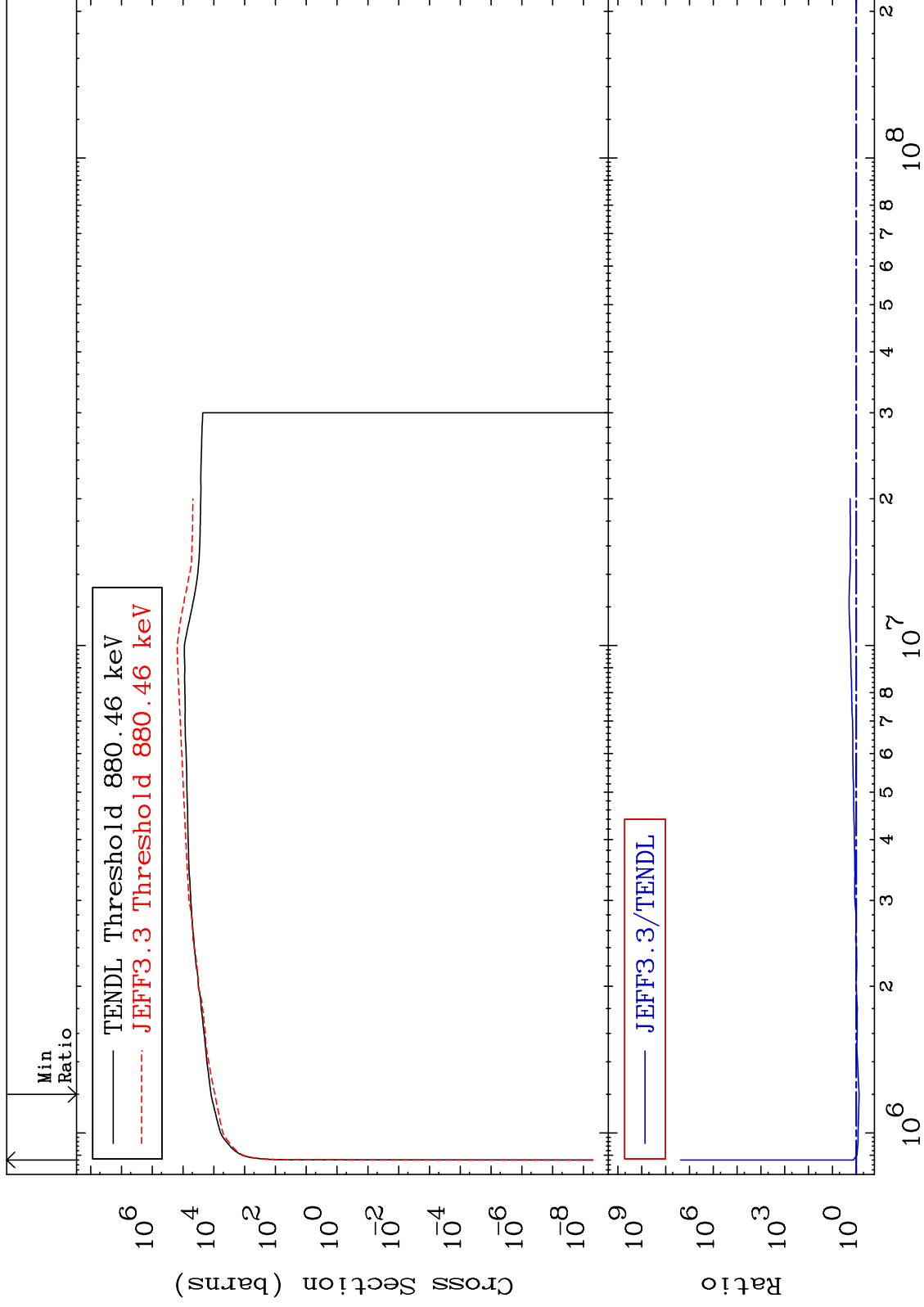
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa inelastic (mt51-91)  
Cross Section

42-Mo-94  
-24.74 To 9999. %



51

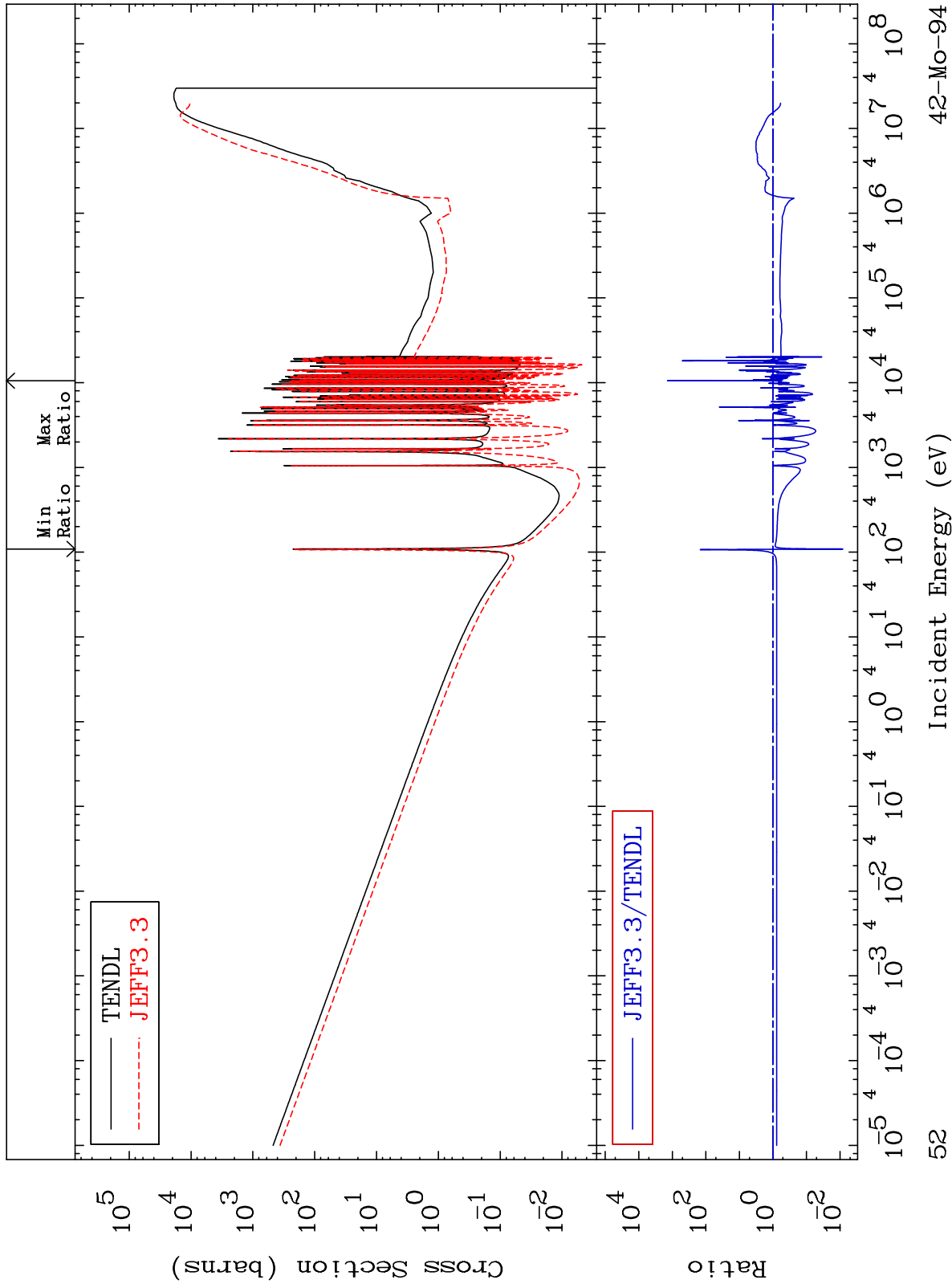
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa disappearance (mt102 -120)  
Cross Section

42-Mo-94  
-99.17 To 9999. %



52

42-Mo-94