

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

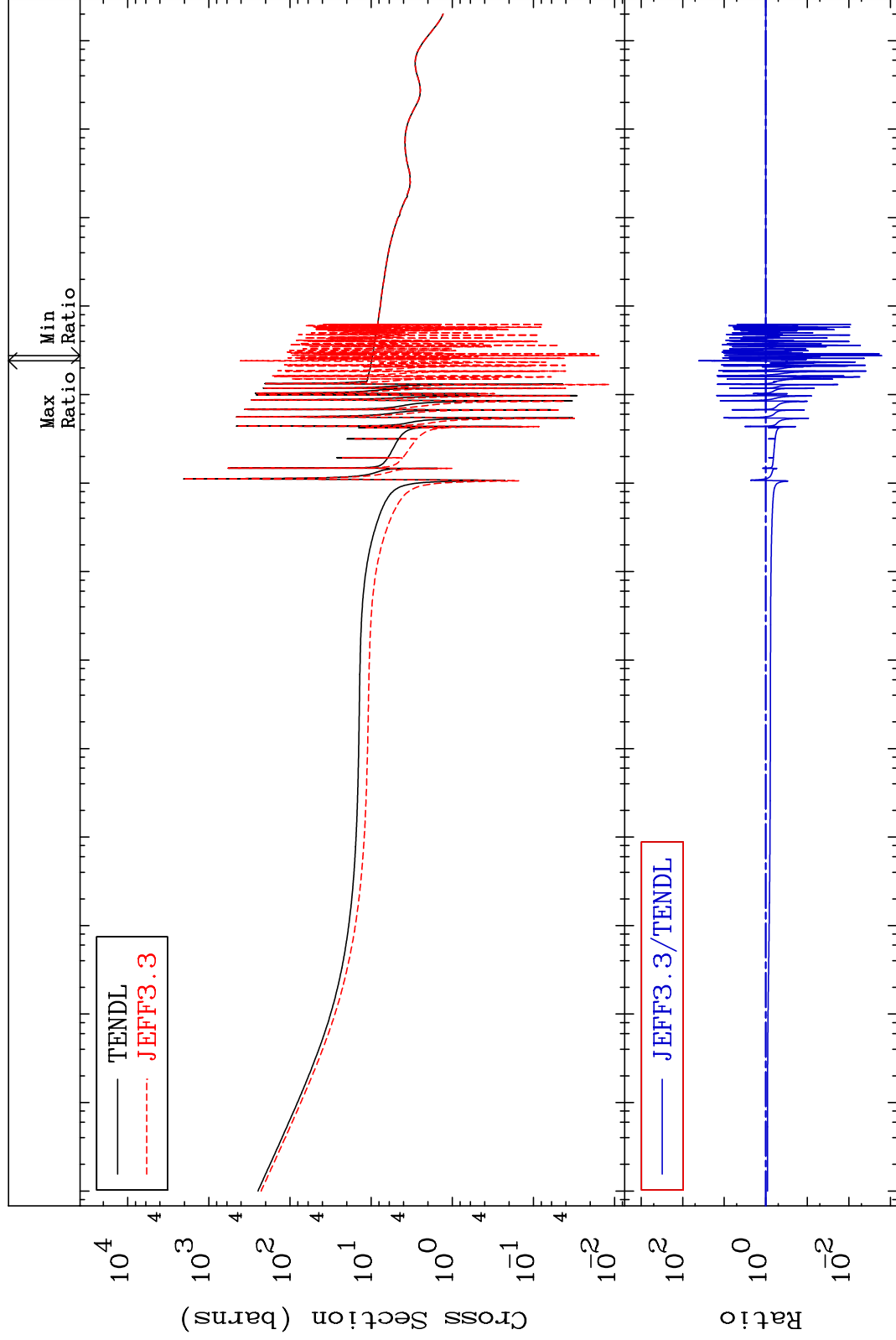
MAT 3225

Total

32-Ge-70

Cross Section

-99.84 To 4010. %



Incident Energy (eV)

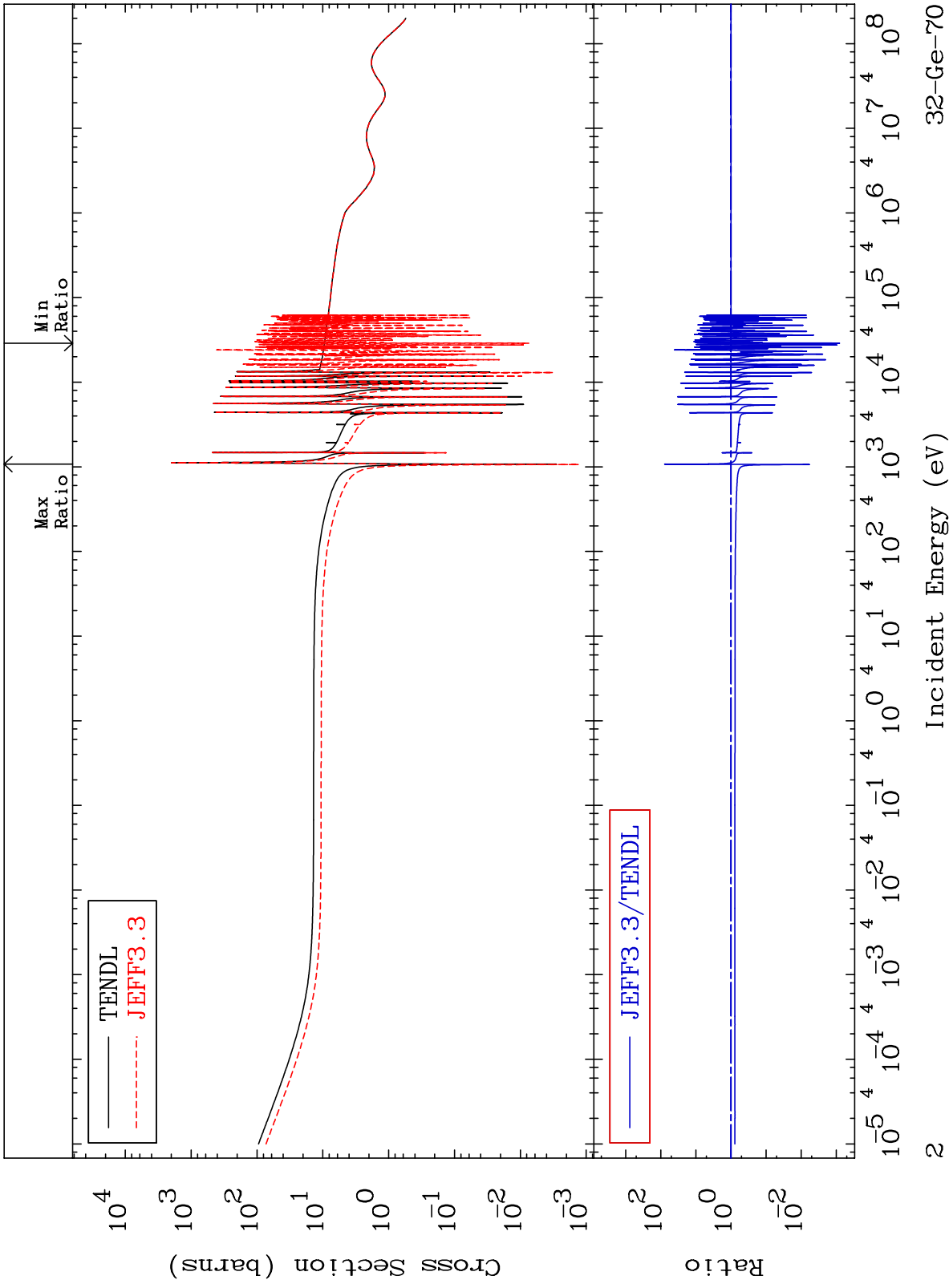
32-Ge-70

1

MAT 3225

Elastic
Cross Section

32-Ge-70
-99.92 To 7637. %

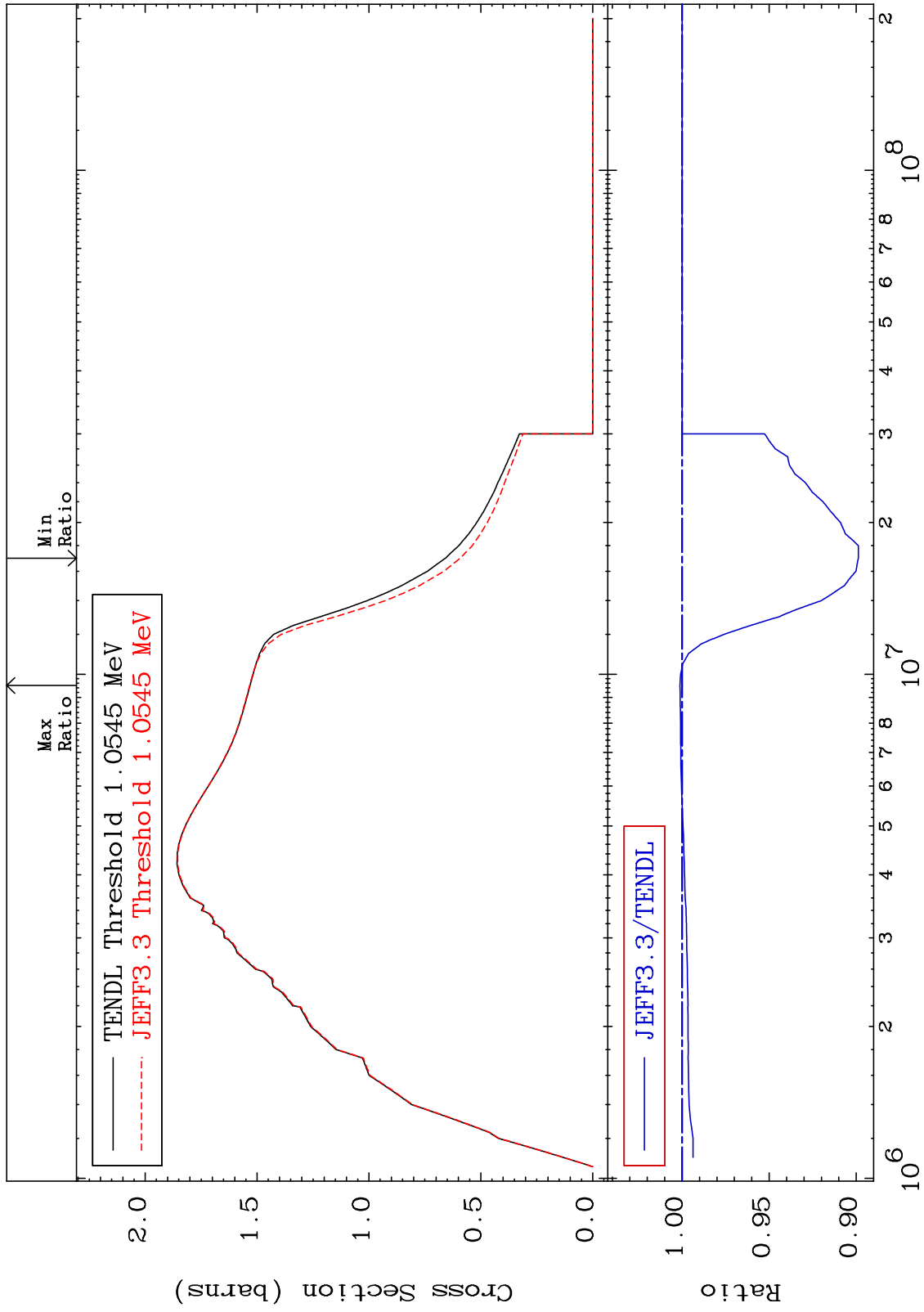


MAT 3225

32-Ge-70

-10.12 To 0.119 %

Inelastic
Cross Section



Incident Energy (eV)

32-Ge-70

3

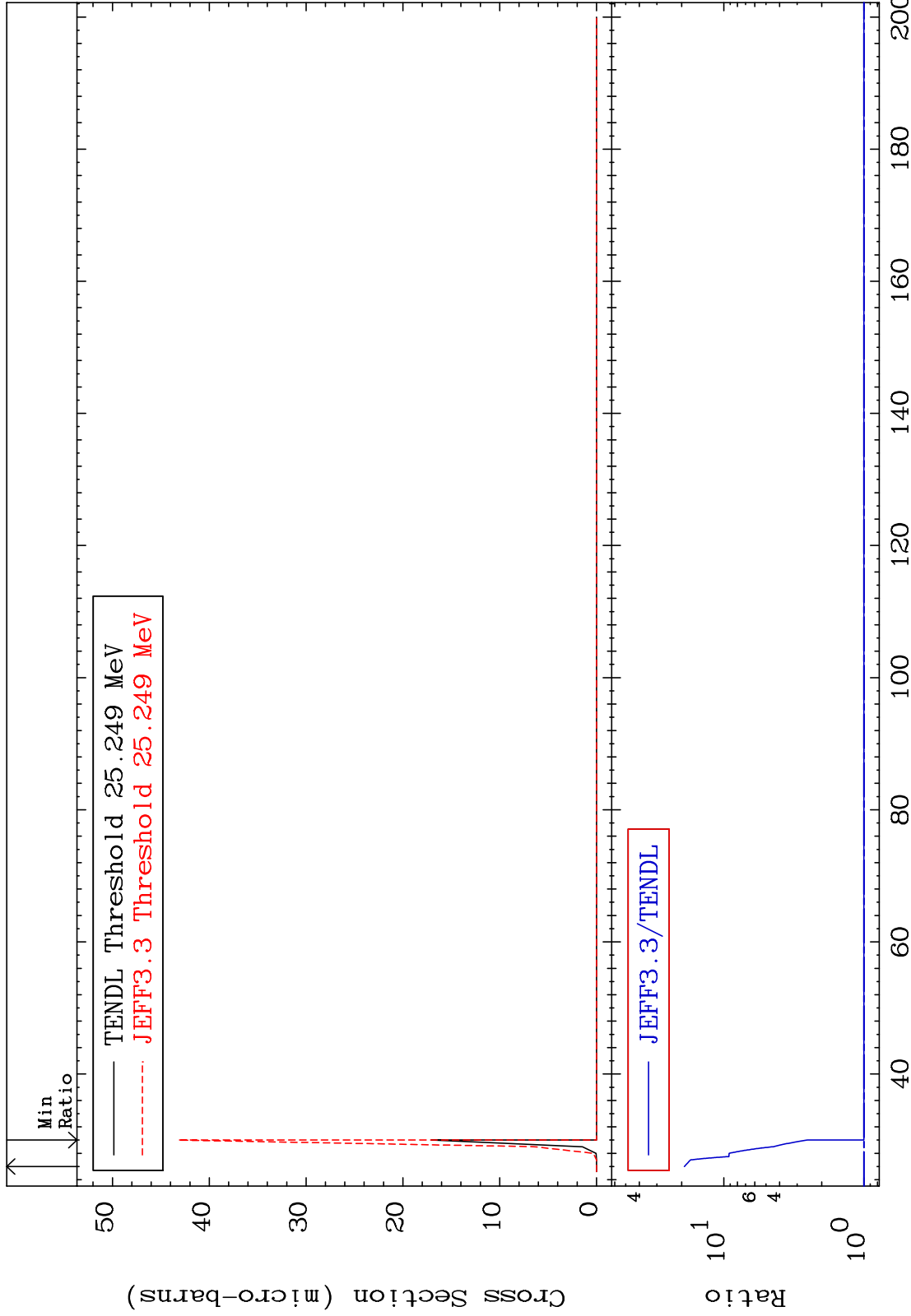
MAT 3225

(n,2n) d

³²Ge-70

Cross Section

0.000 To 1810. %



4

Incident Energy (MeV)

³²Ge-70

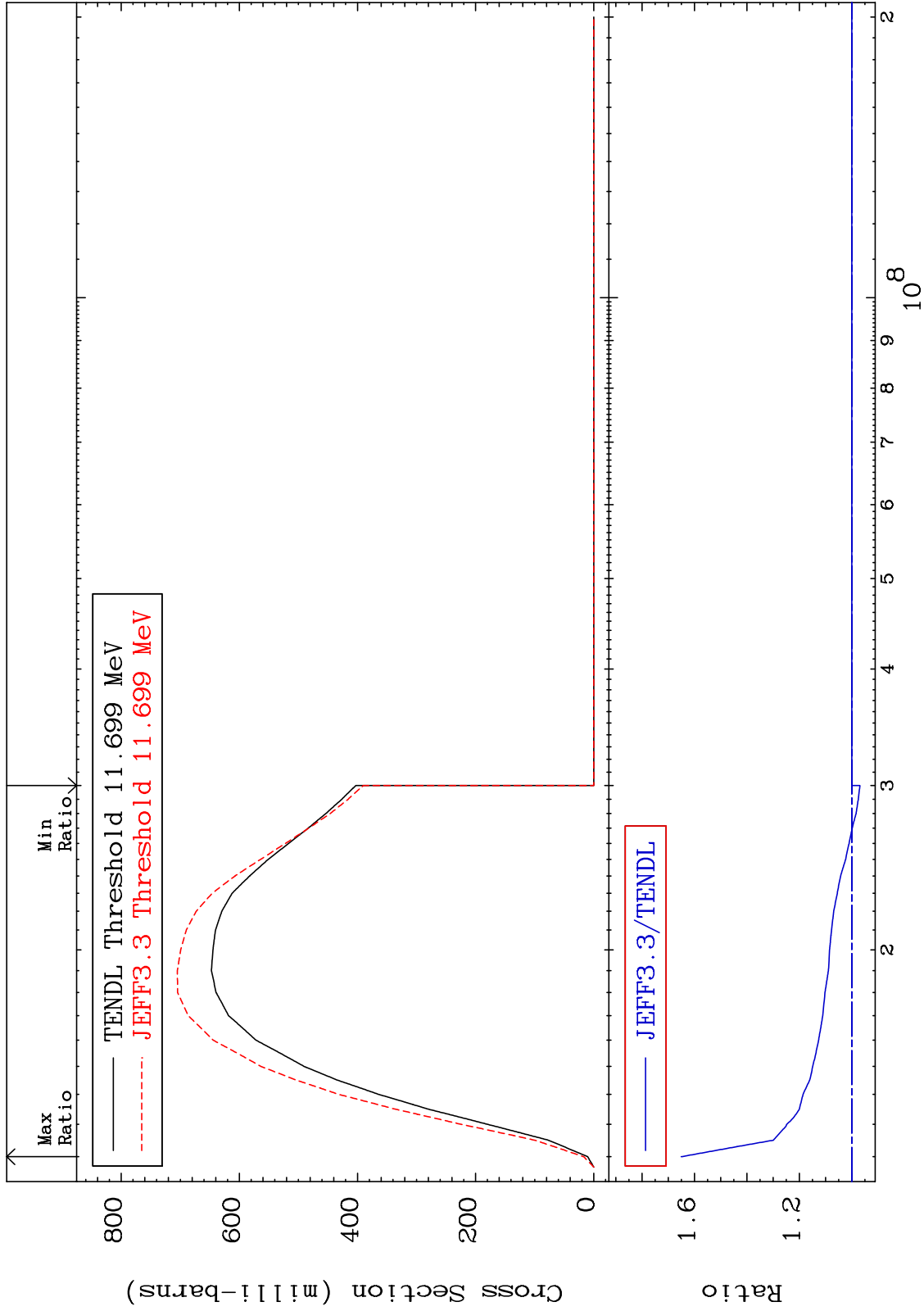
MAT 3225

(n, 2n)

32-Ge-70

Cross Section

-3.128 To 65.06 %



5

Incident Energy (eV)

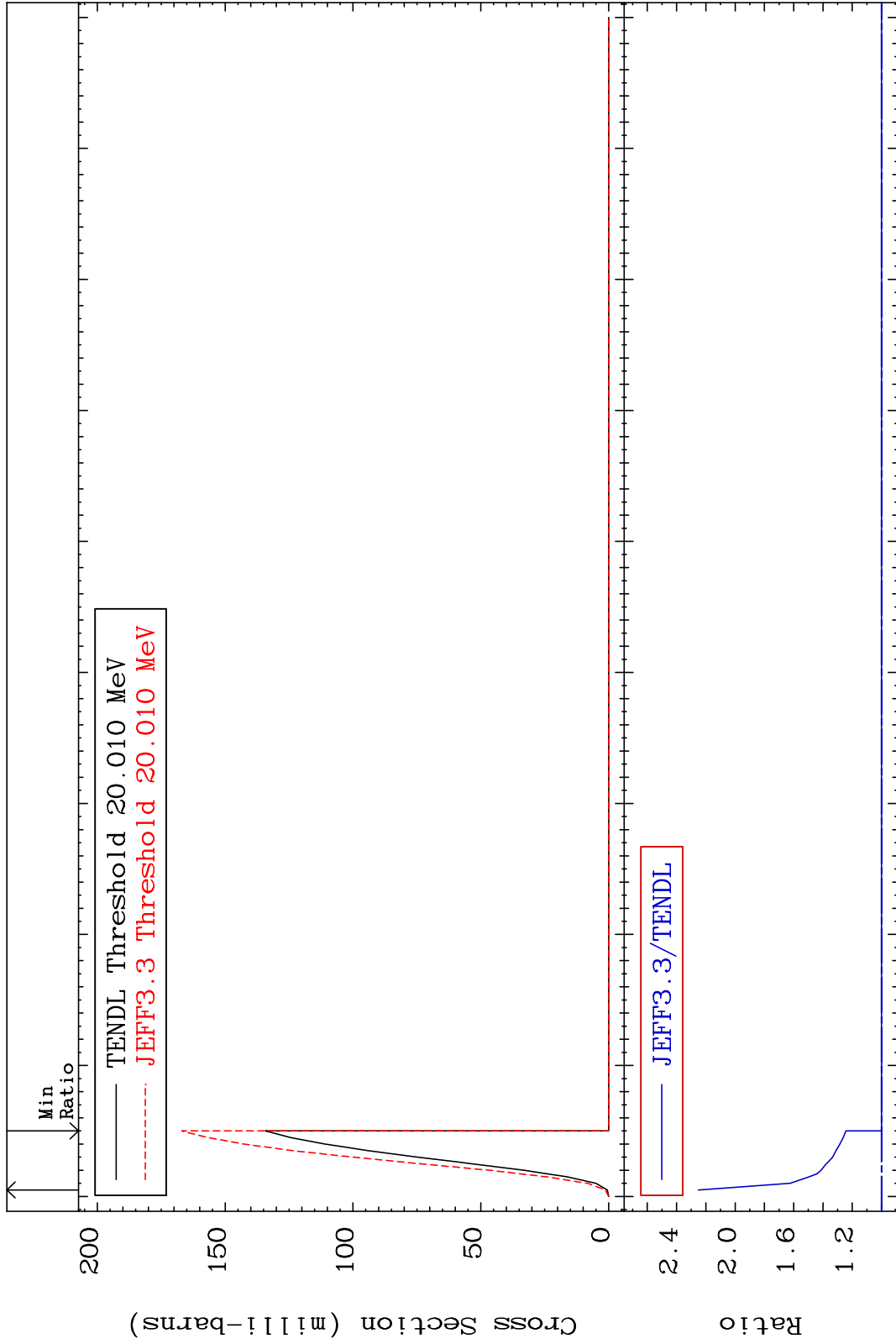
32-Ge-70

MAT 3225

(n, 3n)

³²Ge-70

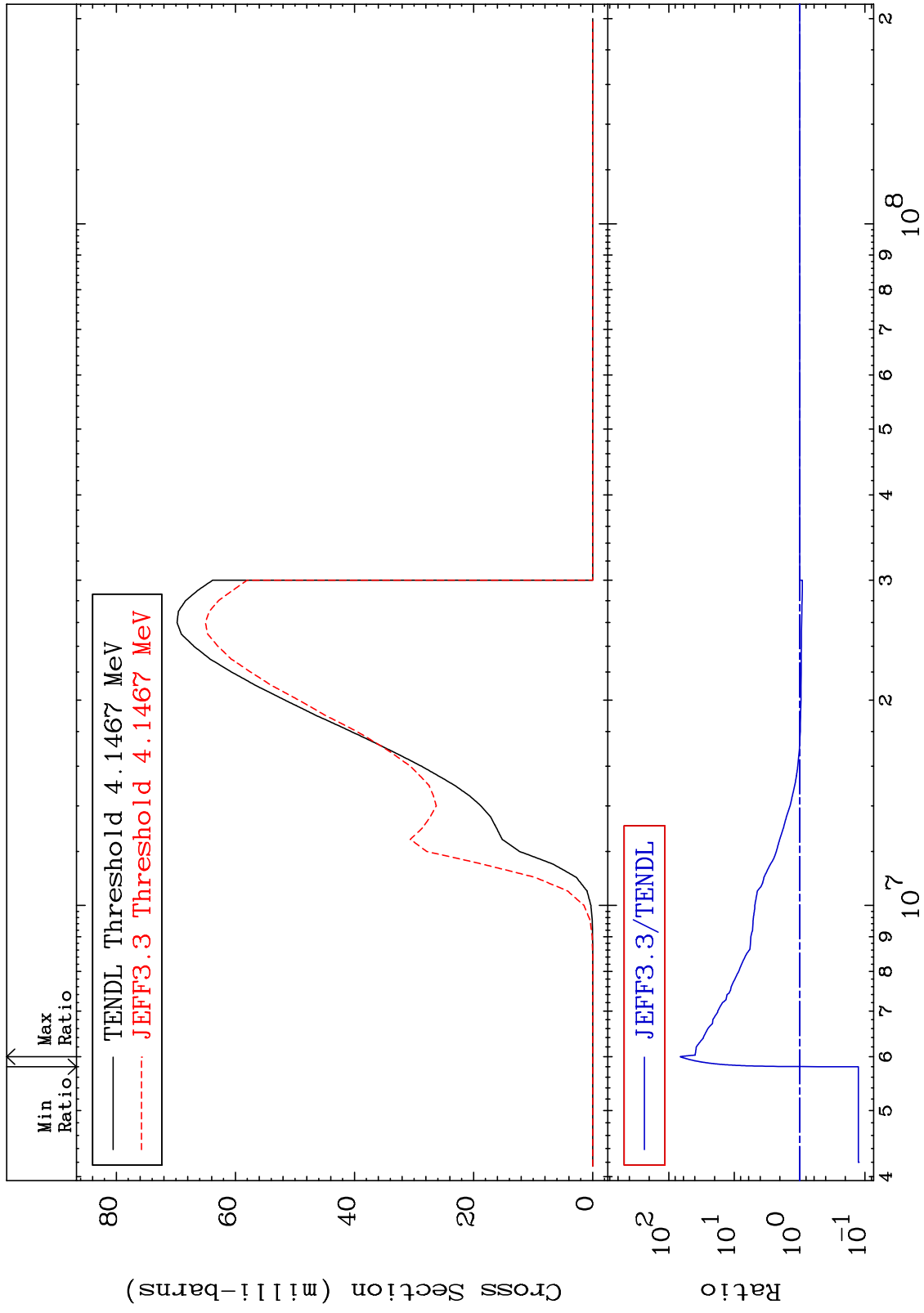
Cross Section 0.000 To 125.1 %



Incident Energy (MeV)

³²Ge-70

MAT 3225 $(n, n') \alpha$ $^{32}\text{Ge-70}$
 Cross Section -87.39 To 6642. %



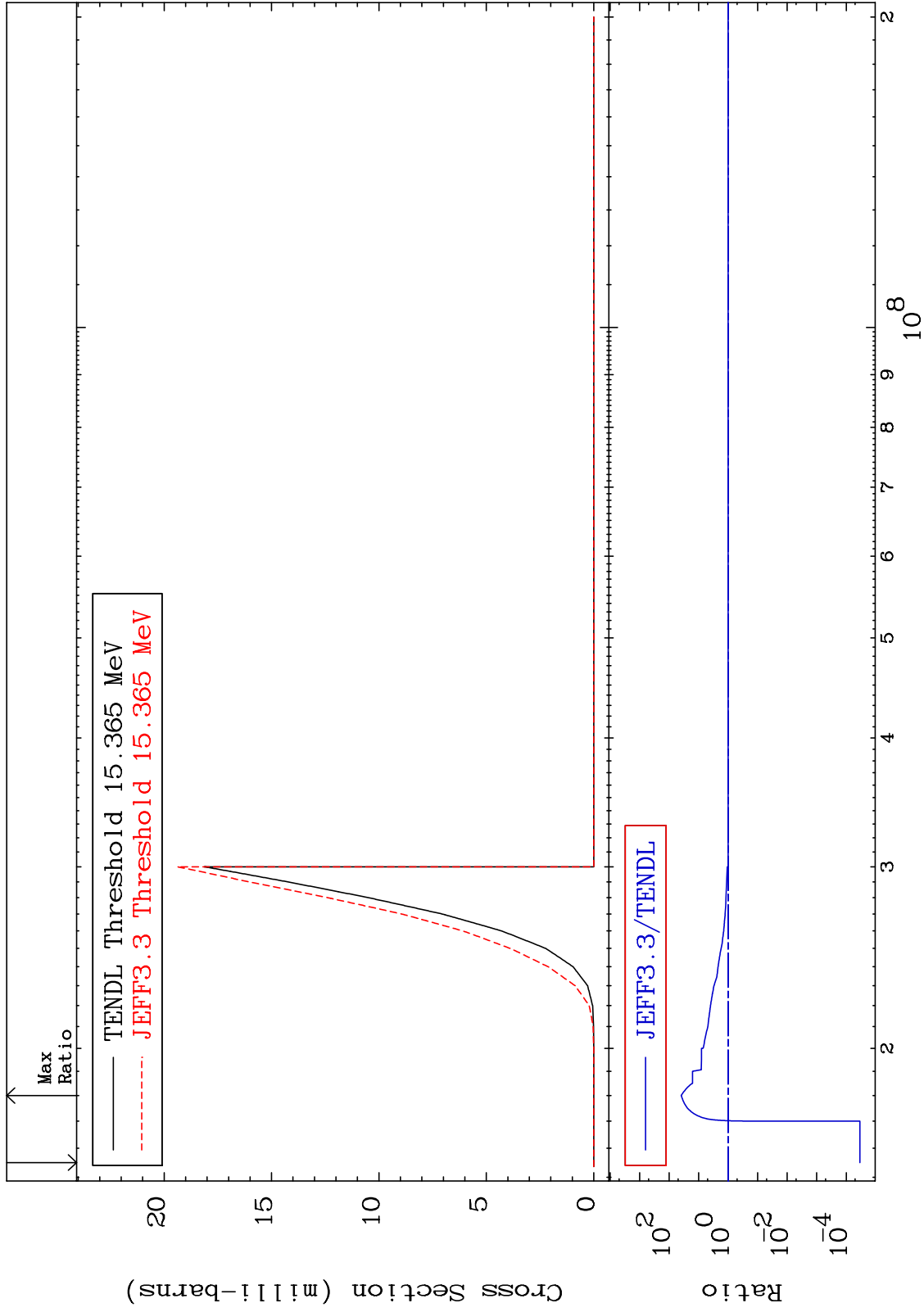
MAT 3225

(n,2n) α

32-Ge-70

Cross Section

-100.0 To 3797. %



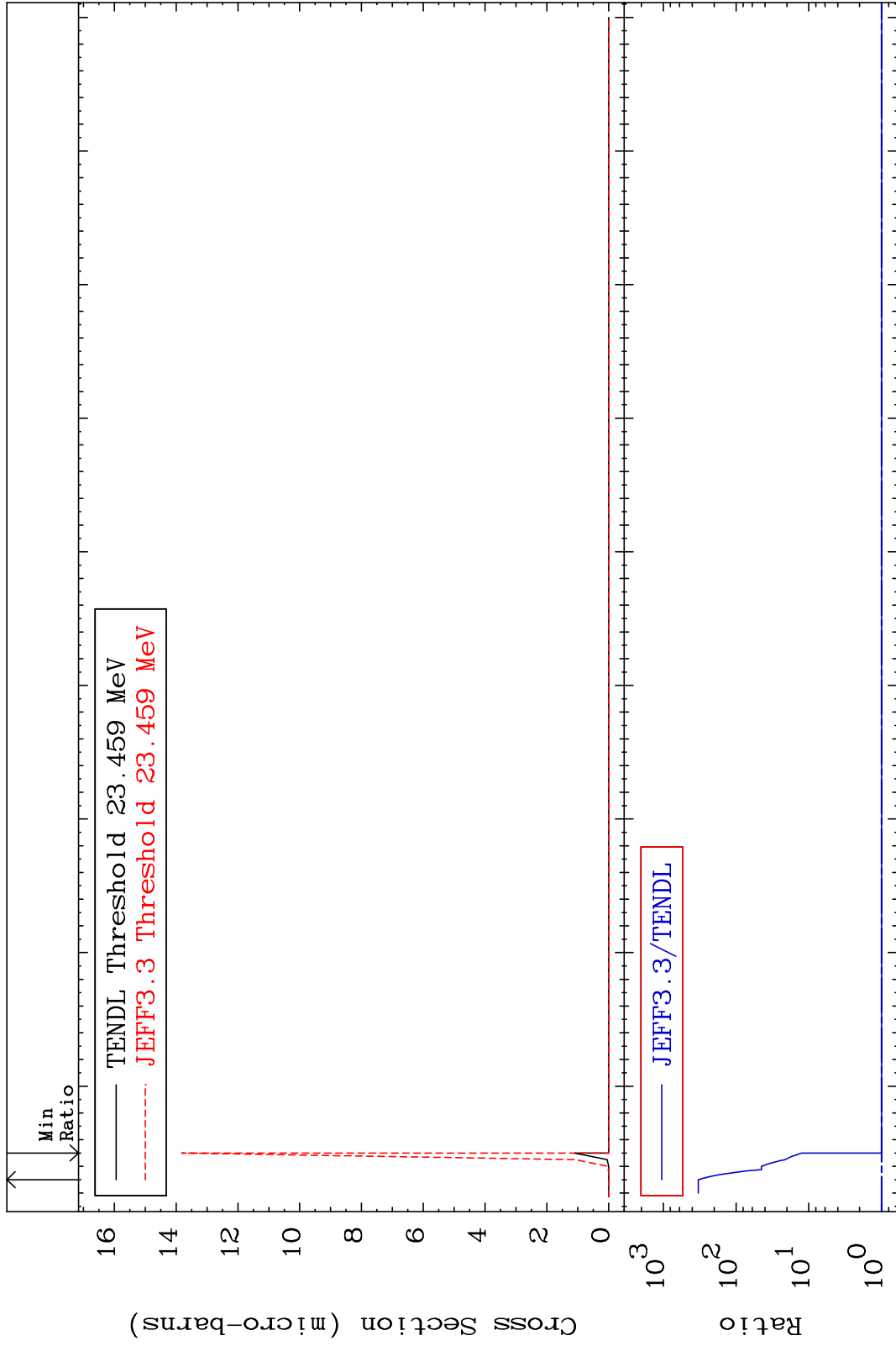
MAT 3225

(n, 3n) α

³²Ge-70

Cross Section

0.000 To 9999. %

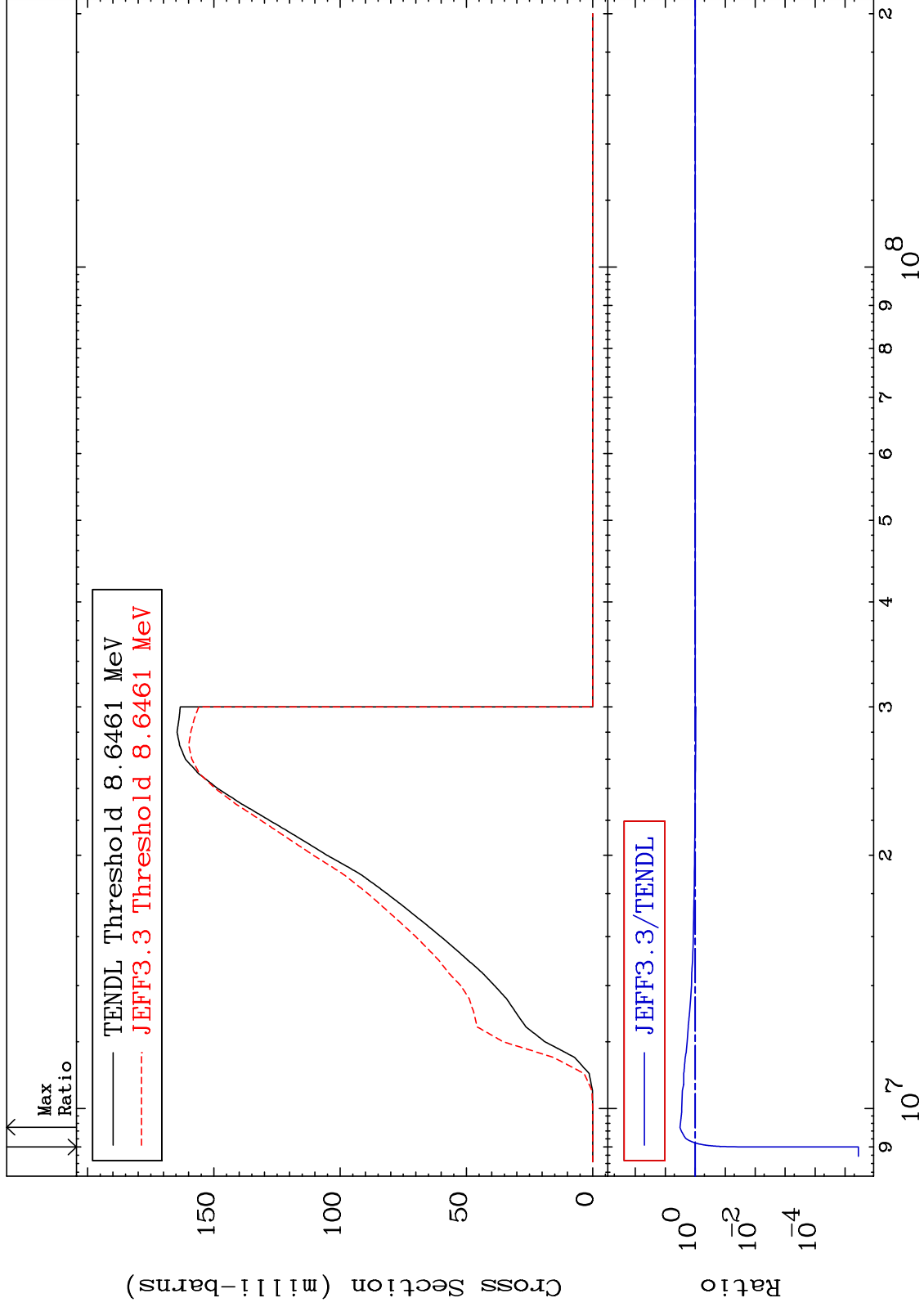


³²Ge-70

MAT 3225

(n, n') p
Cross Section

32-Ge-70
-100.0 To 222.9 %



32-Ge-70

Incident Energy (eV)

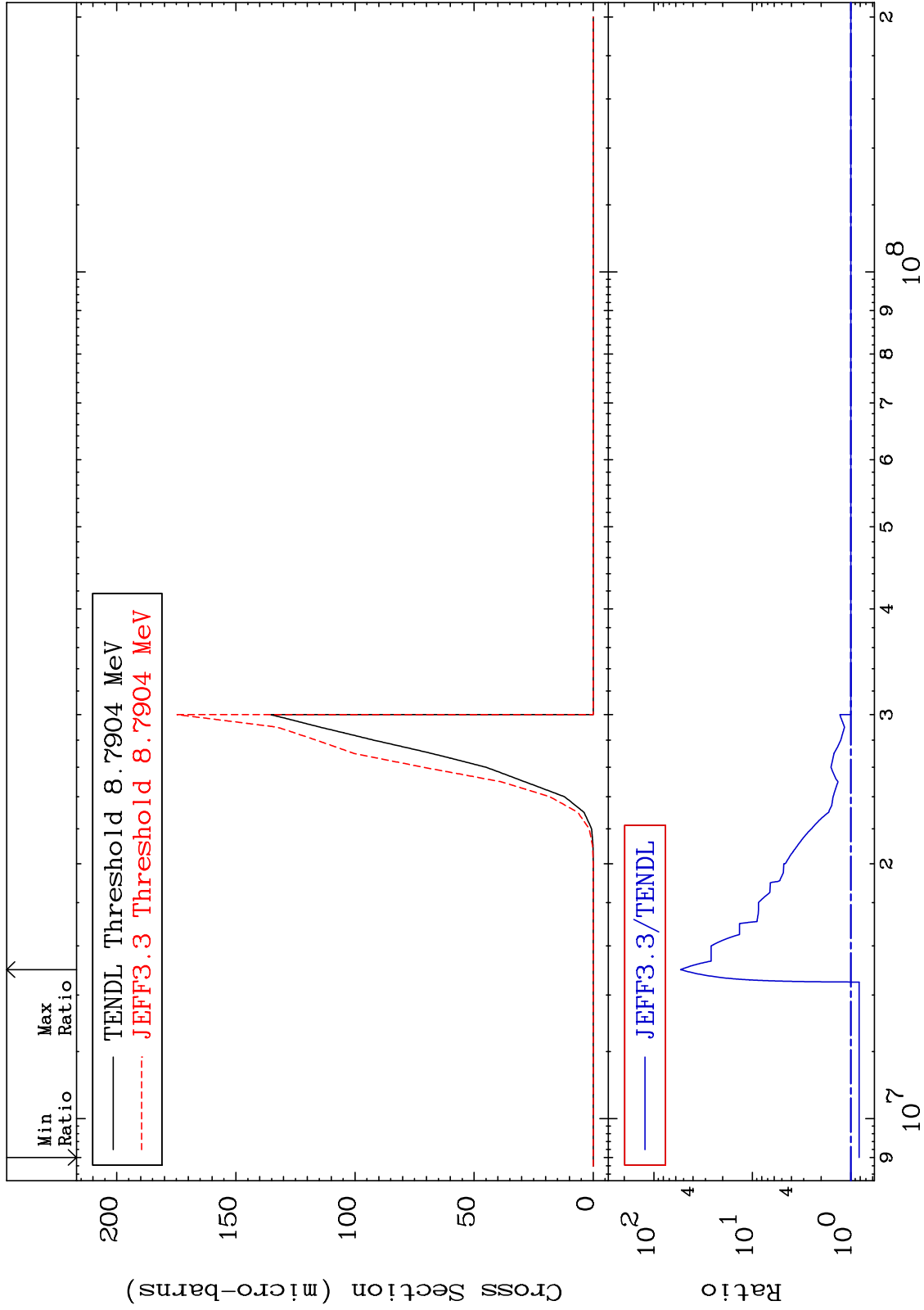
MAT 3225

(n, n') 2 α

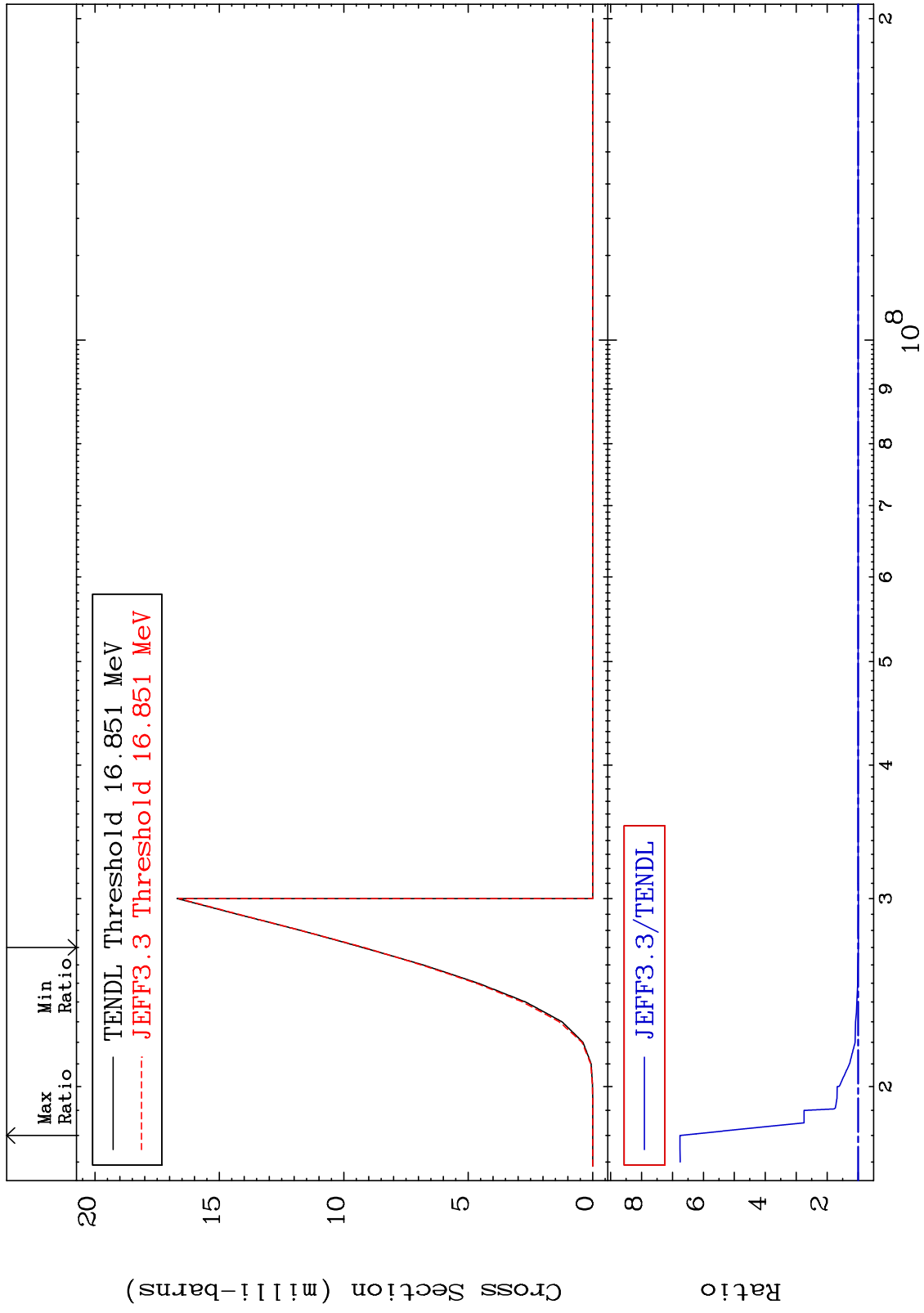
32-Ge-70

Cross Section

-17.90 To 5249. %



MAT 3225 (n,n') d 32-Ge-70
 Cross Section -0.729 To 575.6 %



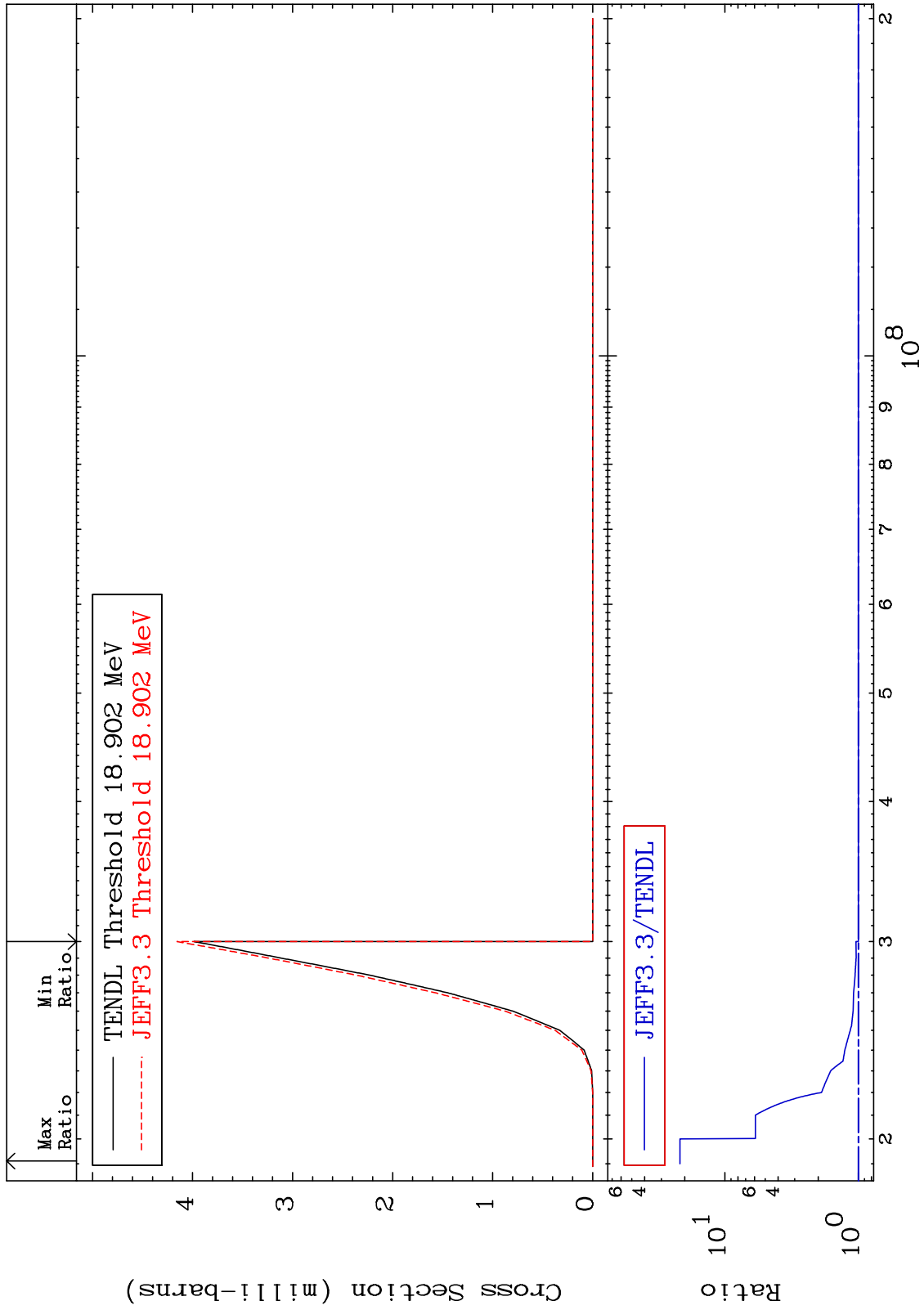
MAT 3225

(n,n') t

32-Ge-70

Cross Section

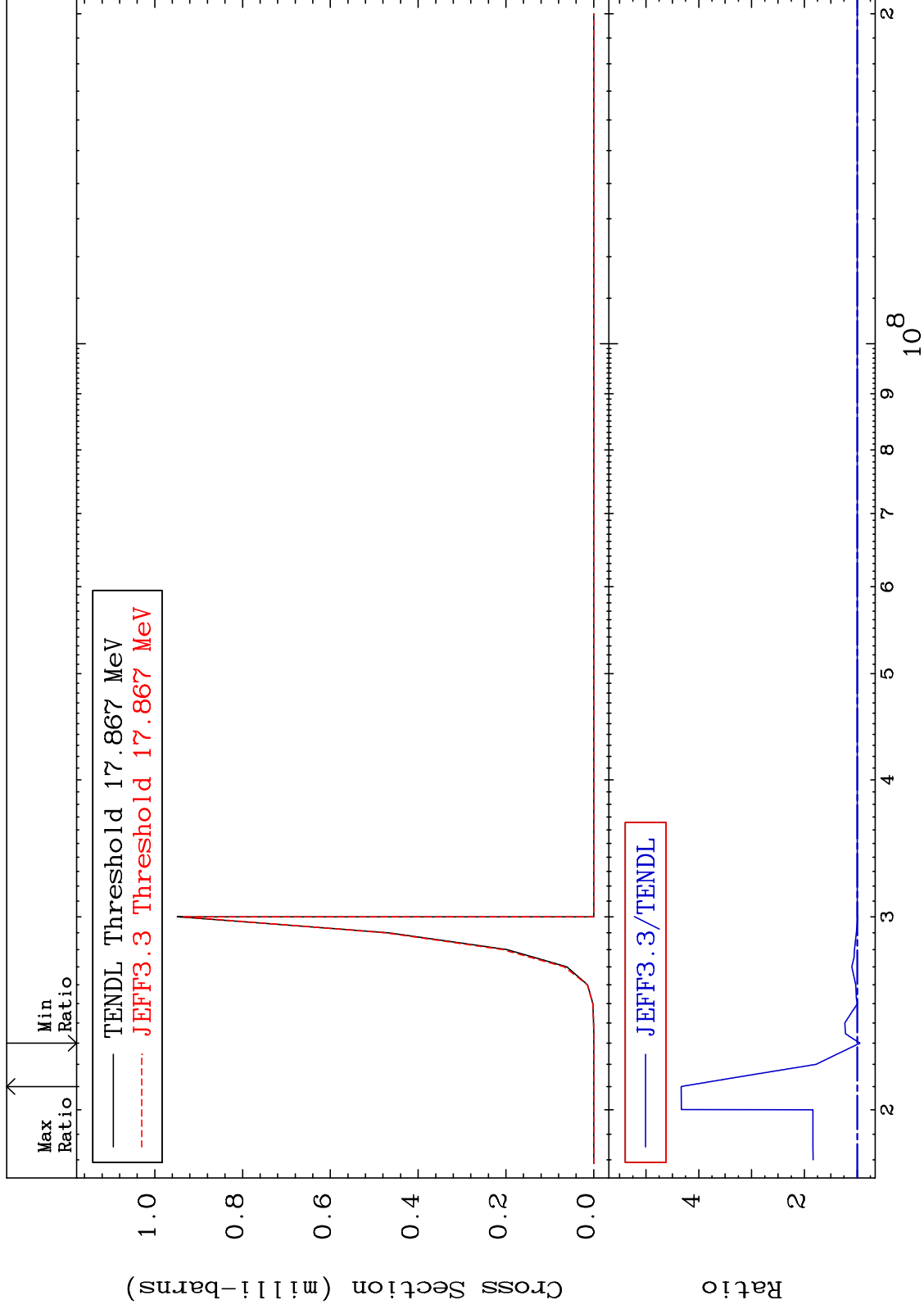
0.000 To 2072. %



MAT 3225

(n, n') He-3
Cross Section

32-Ge-70
-5.187 To 333.2 %



MAT 3225

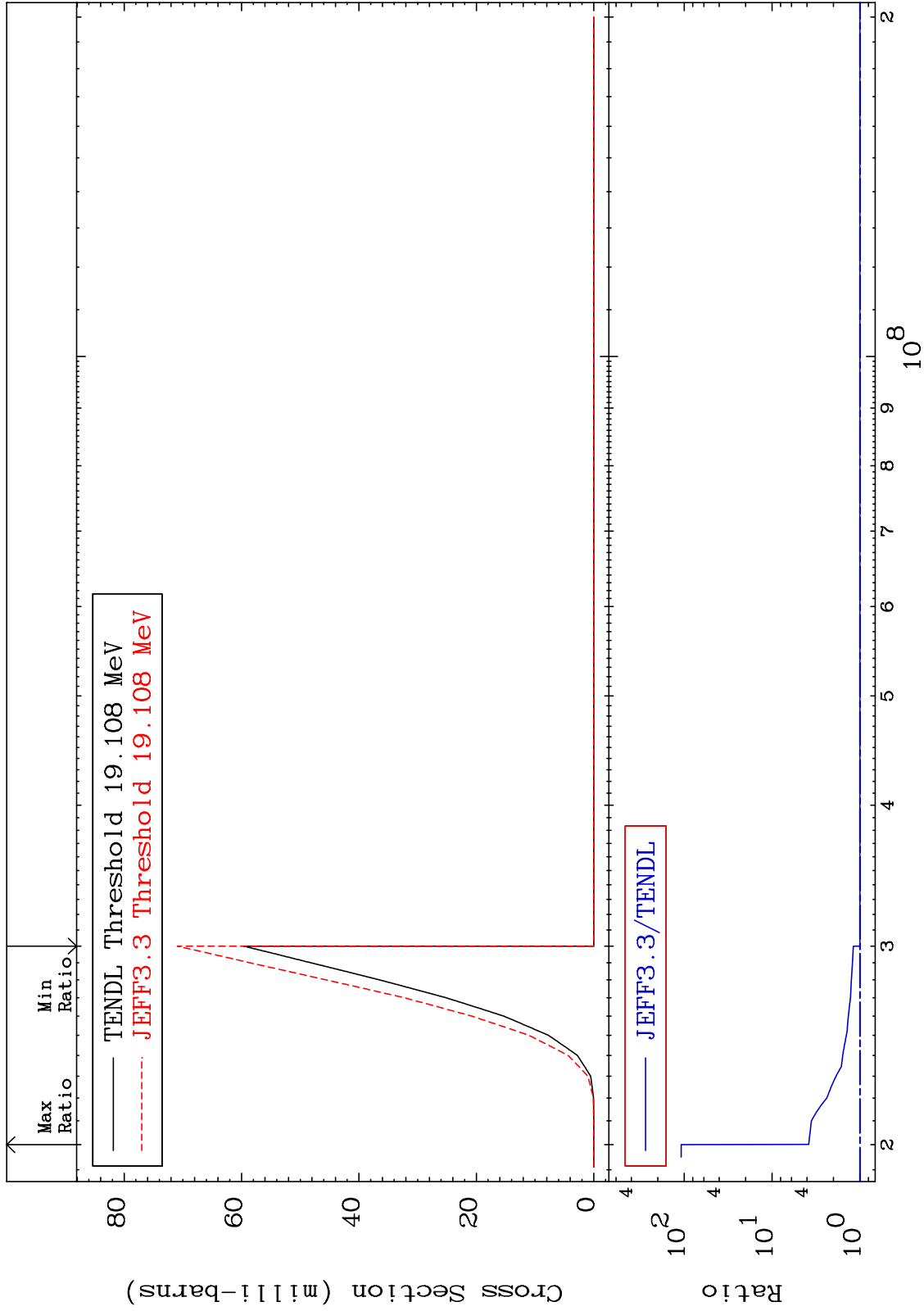
(n,2n) p

³²Ge-70

Cross Section

0.000

To 9999. %



MAT 3225

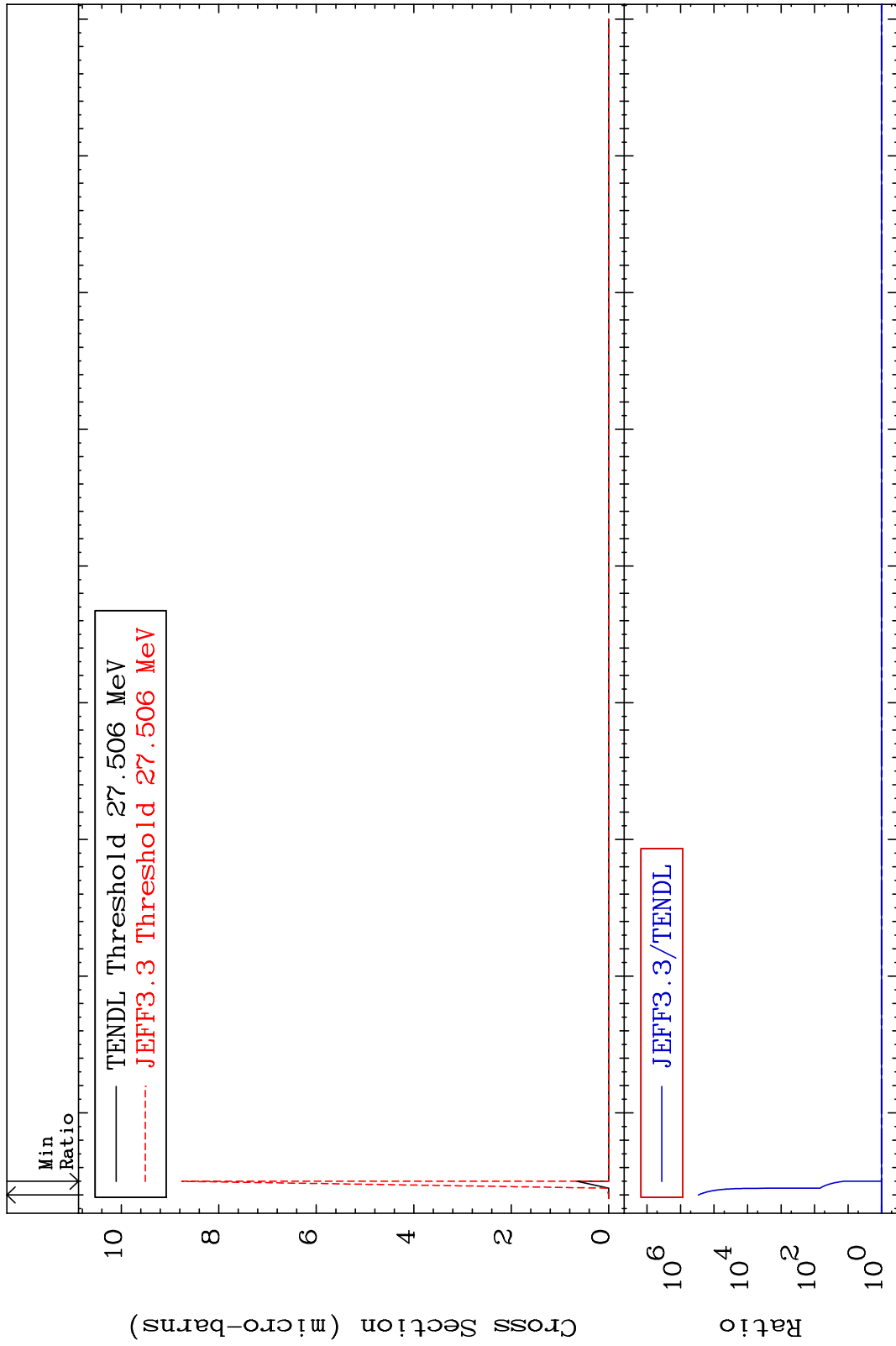
(n,3n) p

³²Ge-70

Cross Section

0.000

To 9999. %



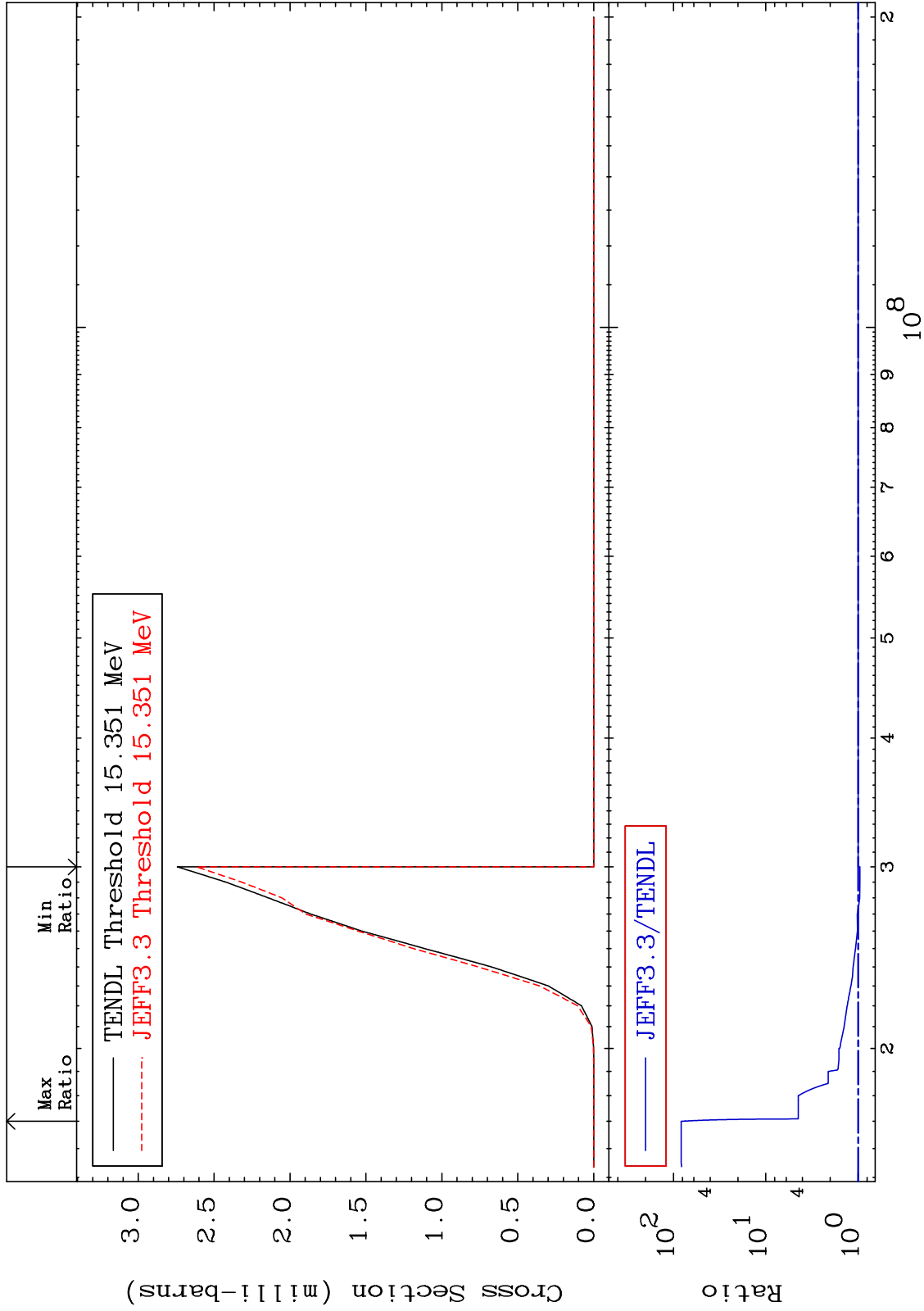
MAT 3225

(n,2n) p

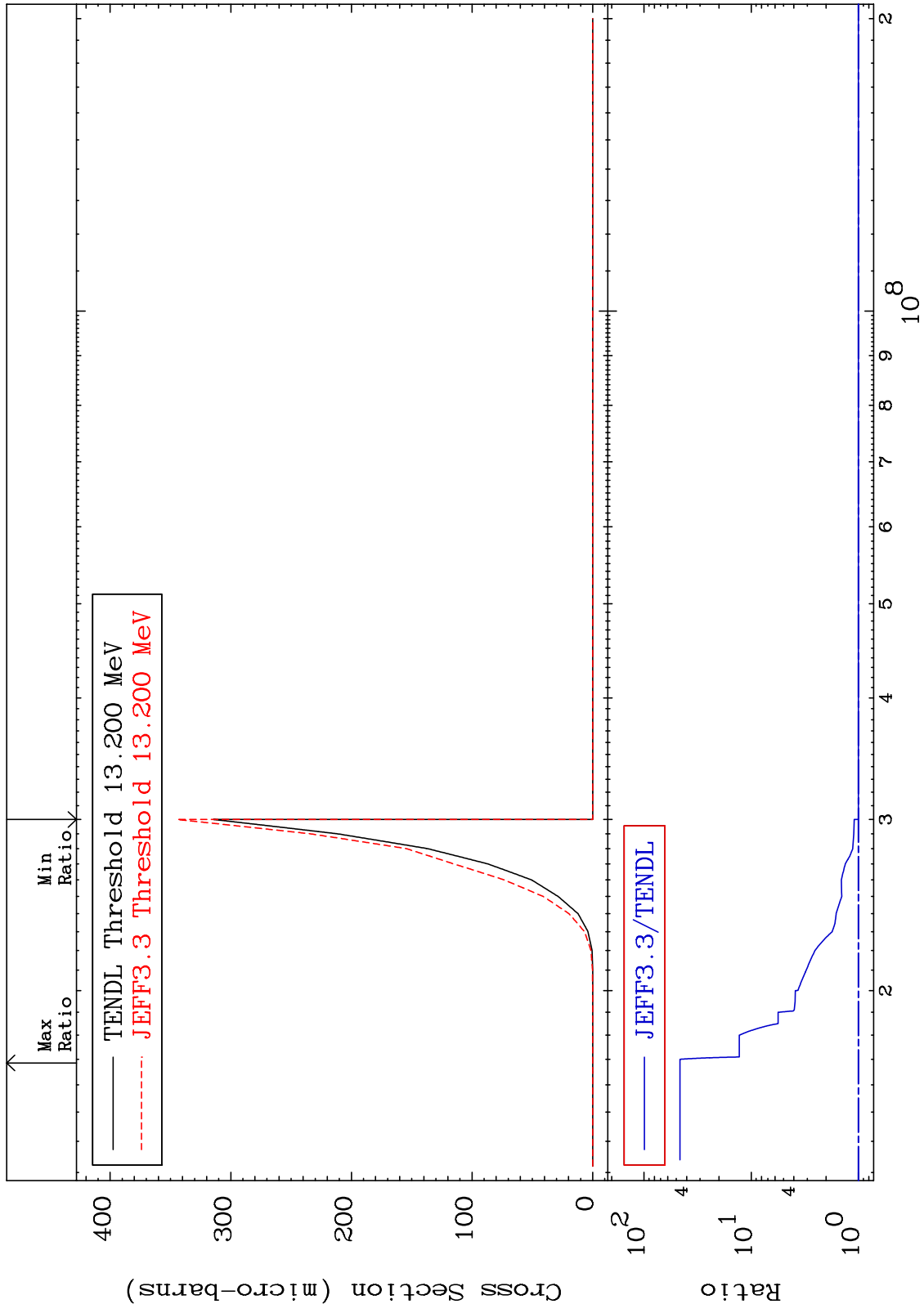
32-Ge-70

Cross Section

-4.604 To 8131. %



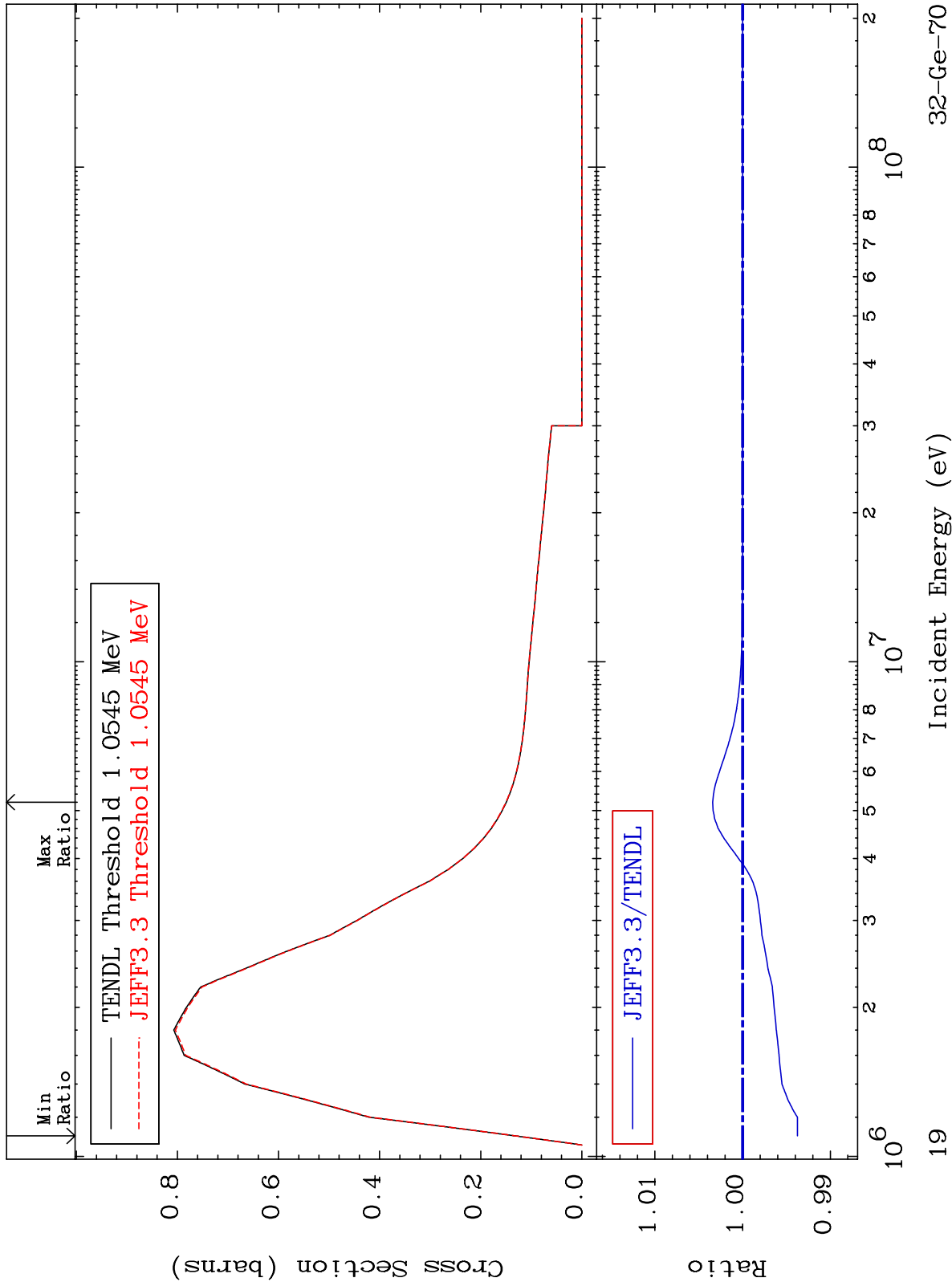
MAT 3225 (n, n') p α Cross Section 32-Ge-70 To 4514. %



MAT 3225

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

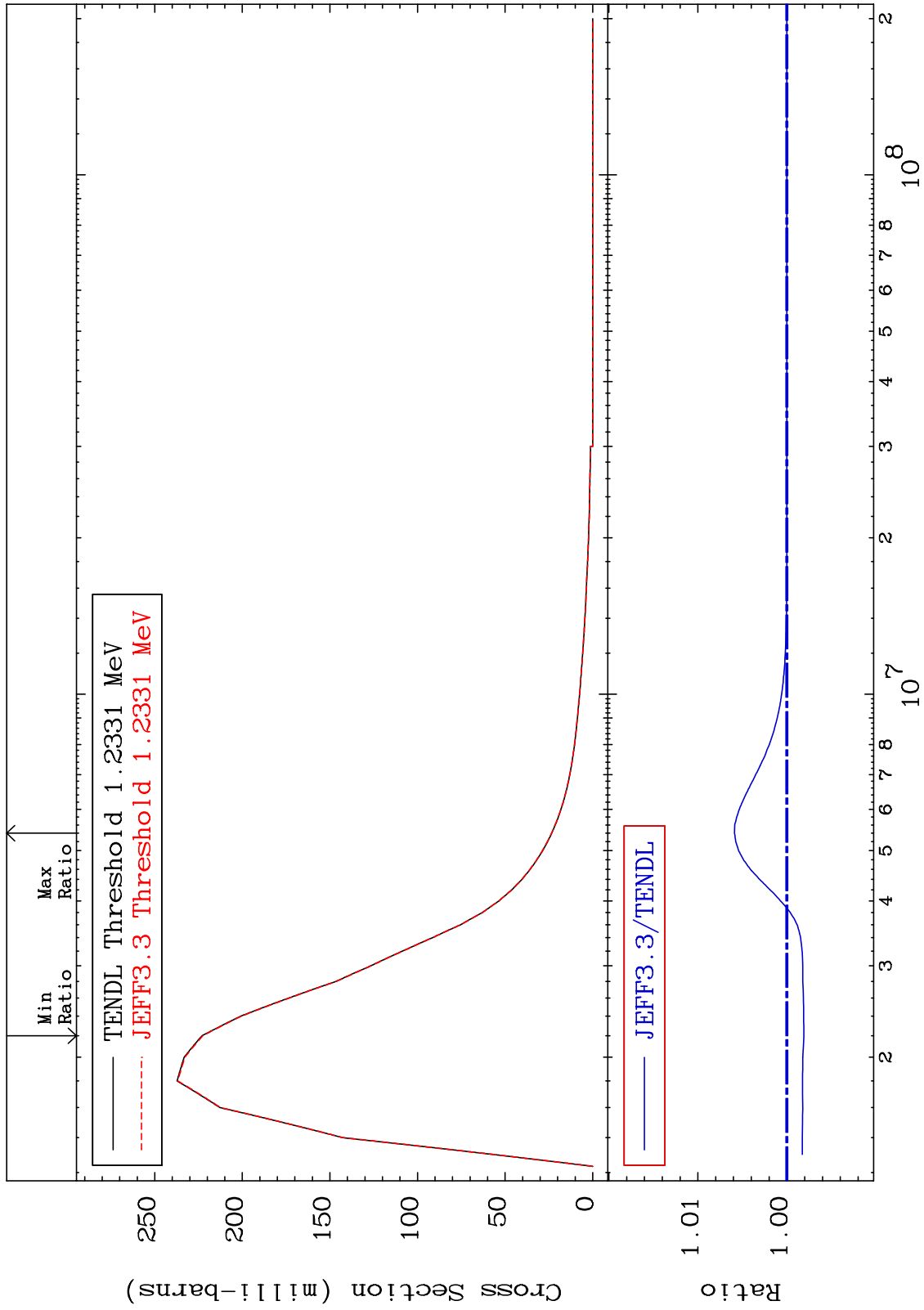
32-Ge-70
-0.625 To 0.341 %



MAT 3225

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

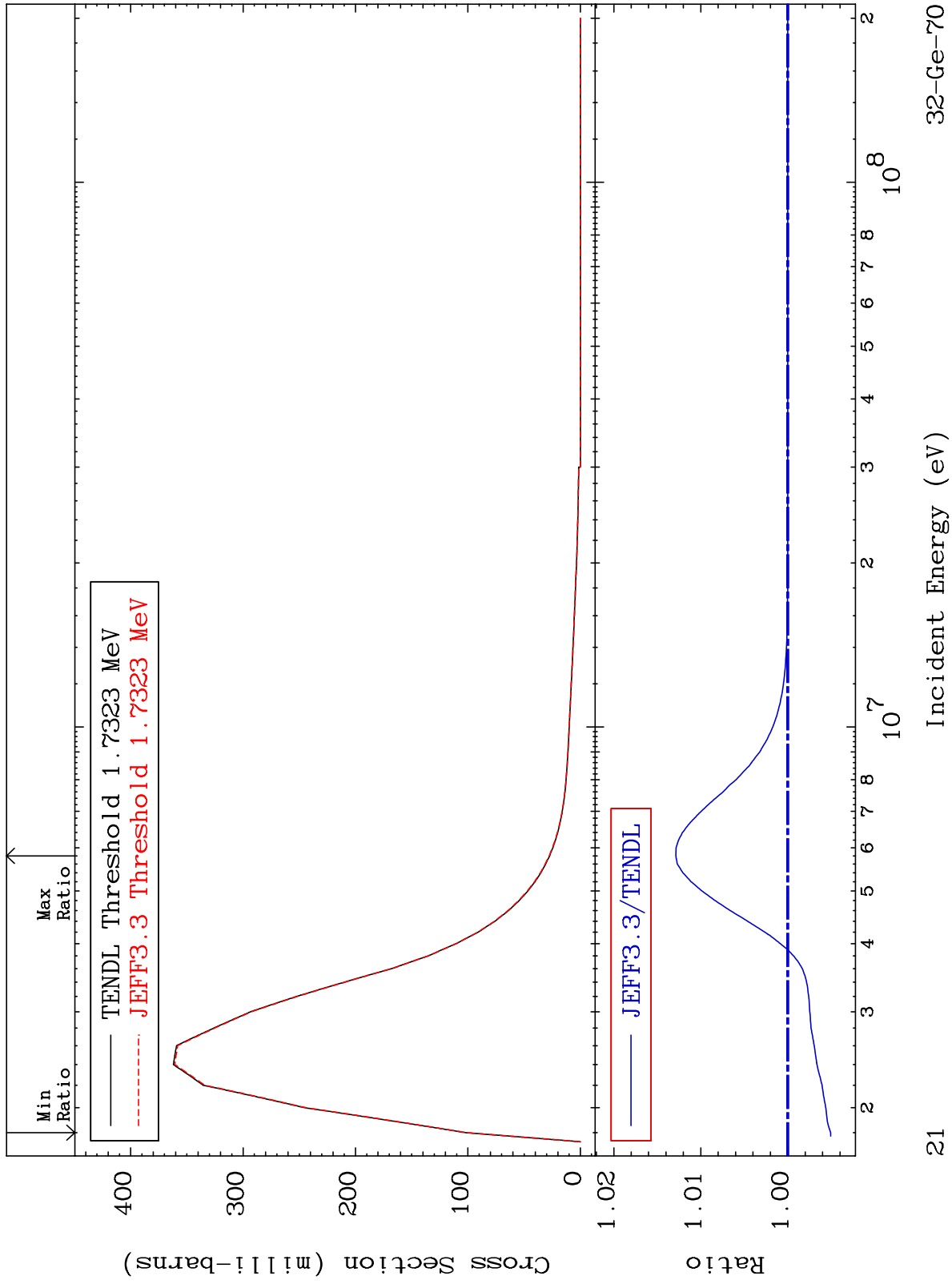
32-Ge-70
-0.191 To 0.588 %



MAT 3225

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

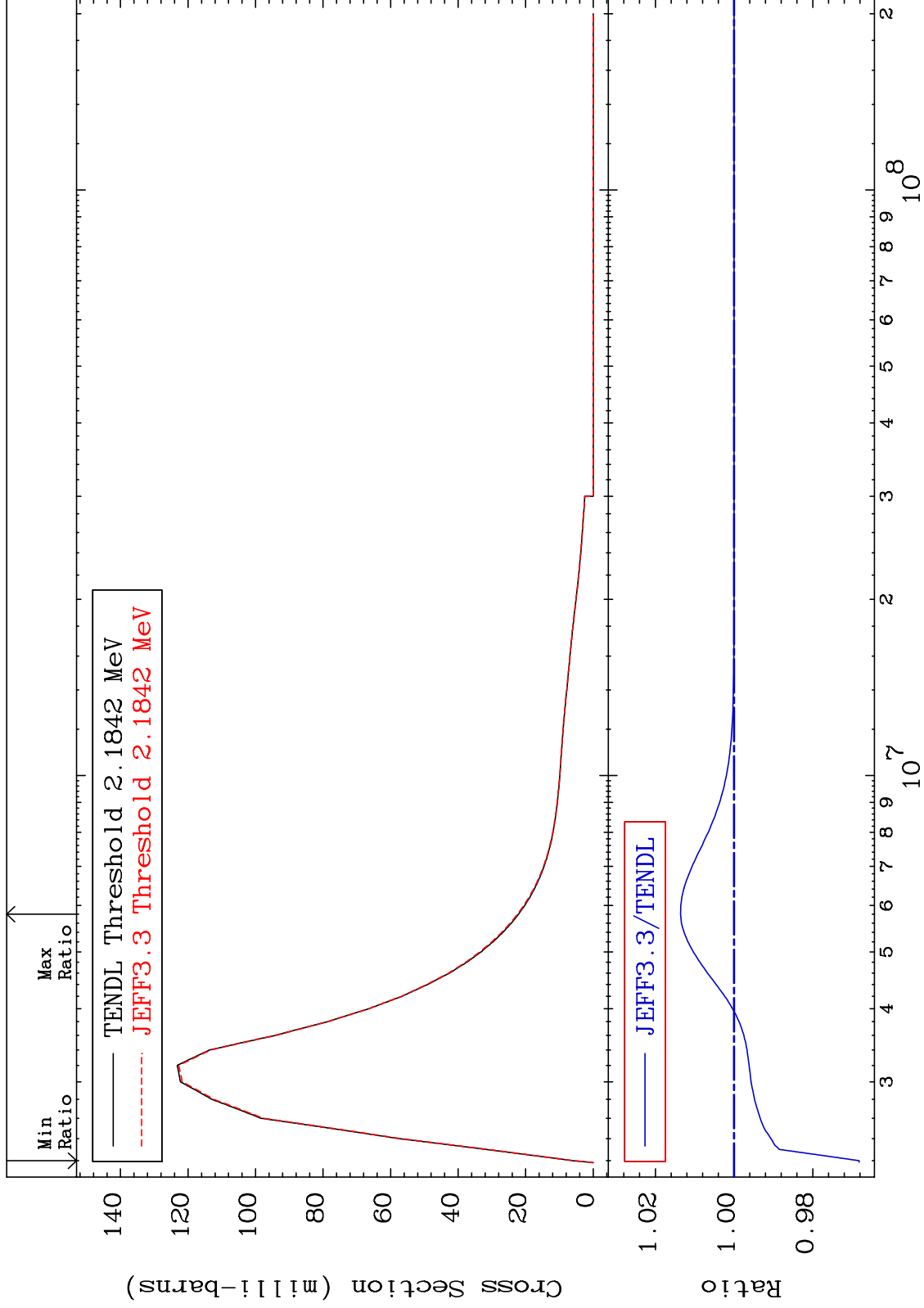
32-Ge-70
-0.492 To 1.287 %



MAT 3225

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

32-Ge-70
-3.180 To 1.358 %



22

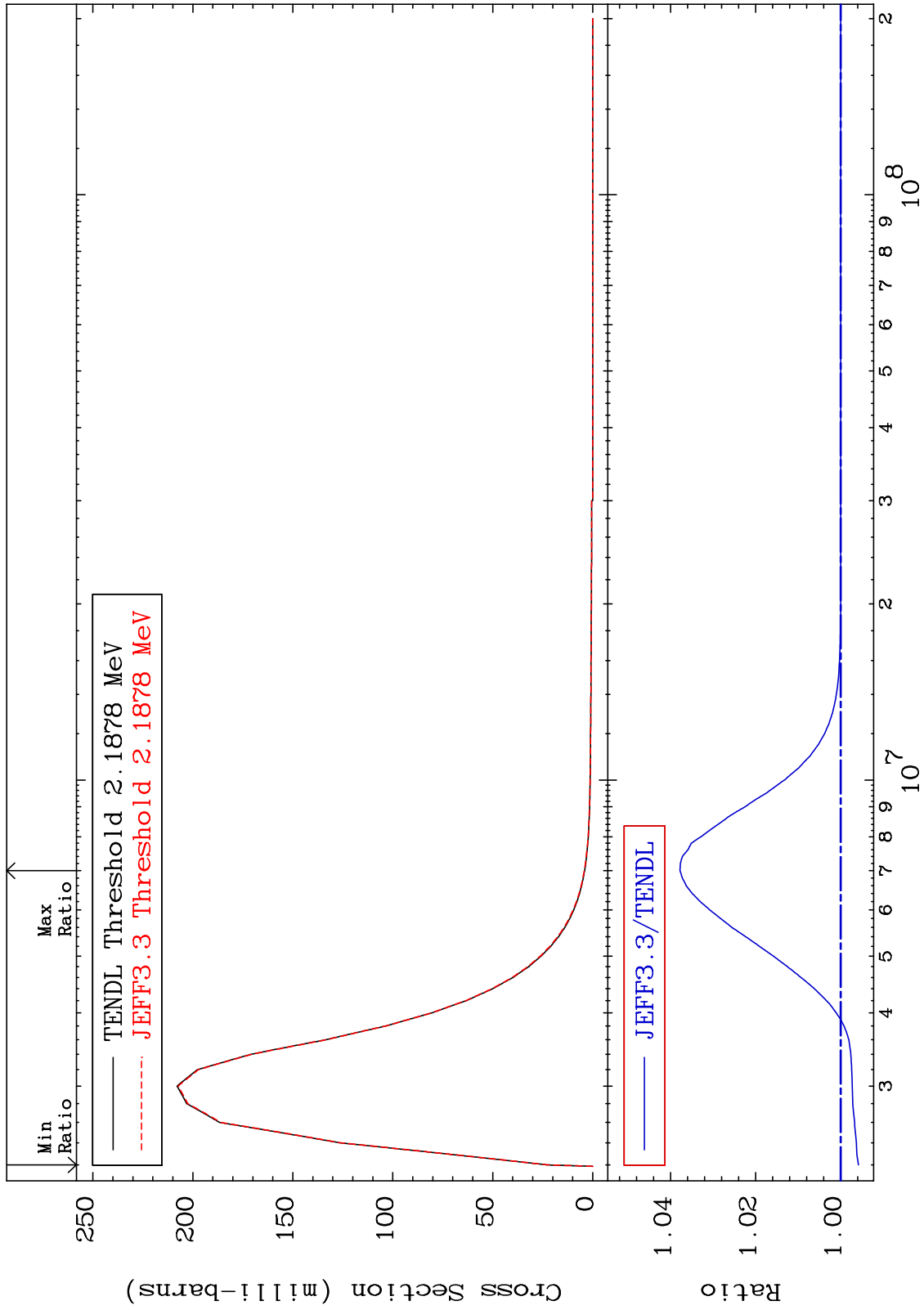
Incident Energy (eV)

32-Ge-70

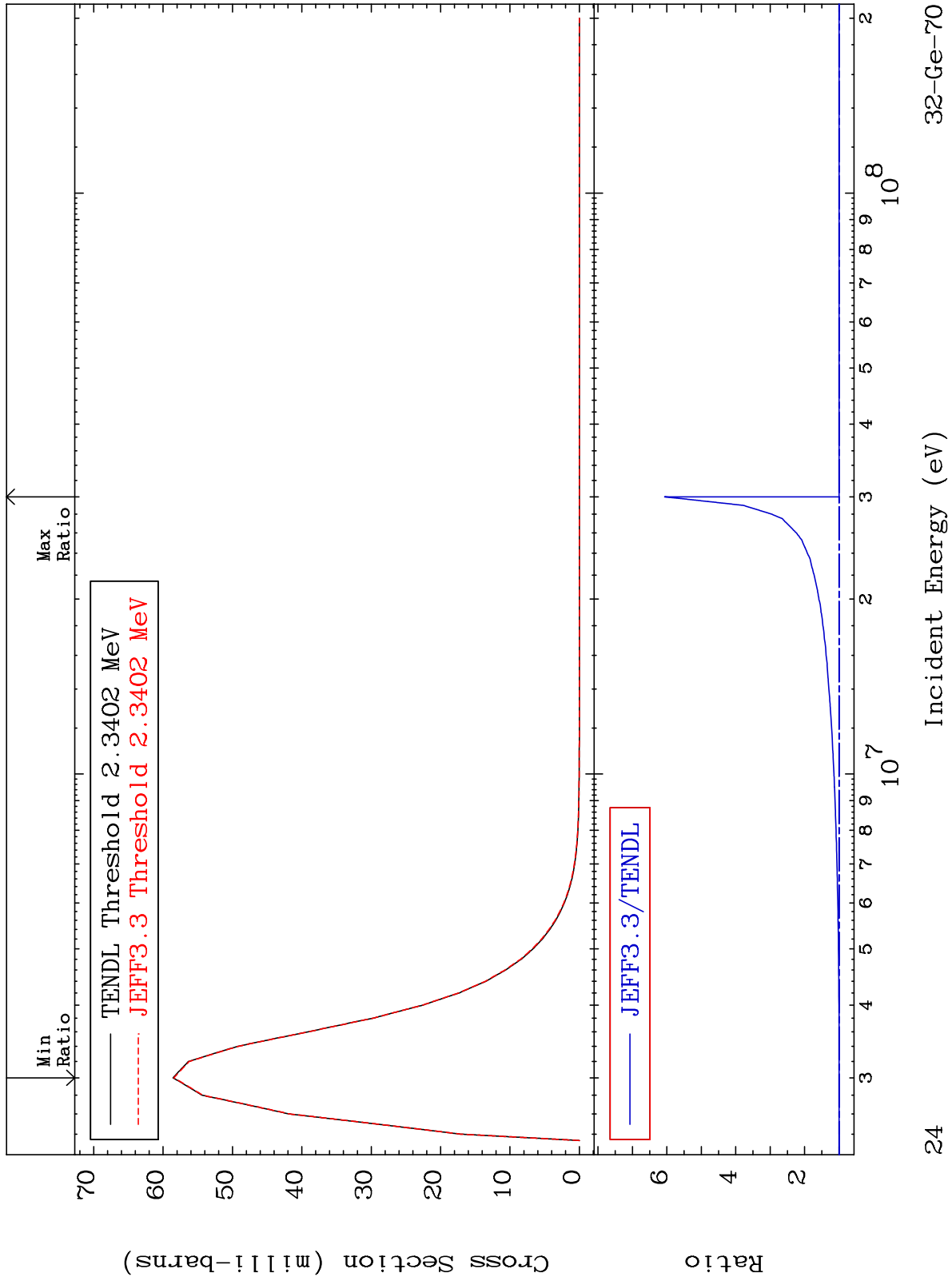
MAT 3225

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

32-Ge-70
-0.414 To 3.778 %



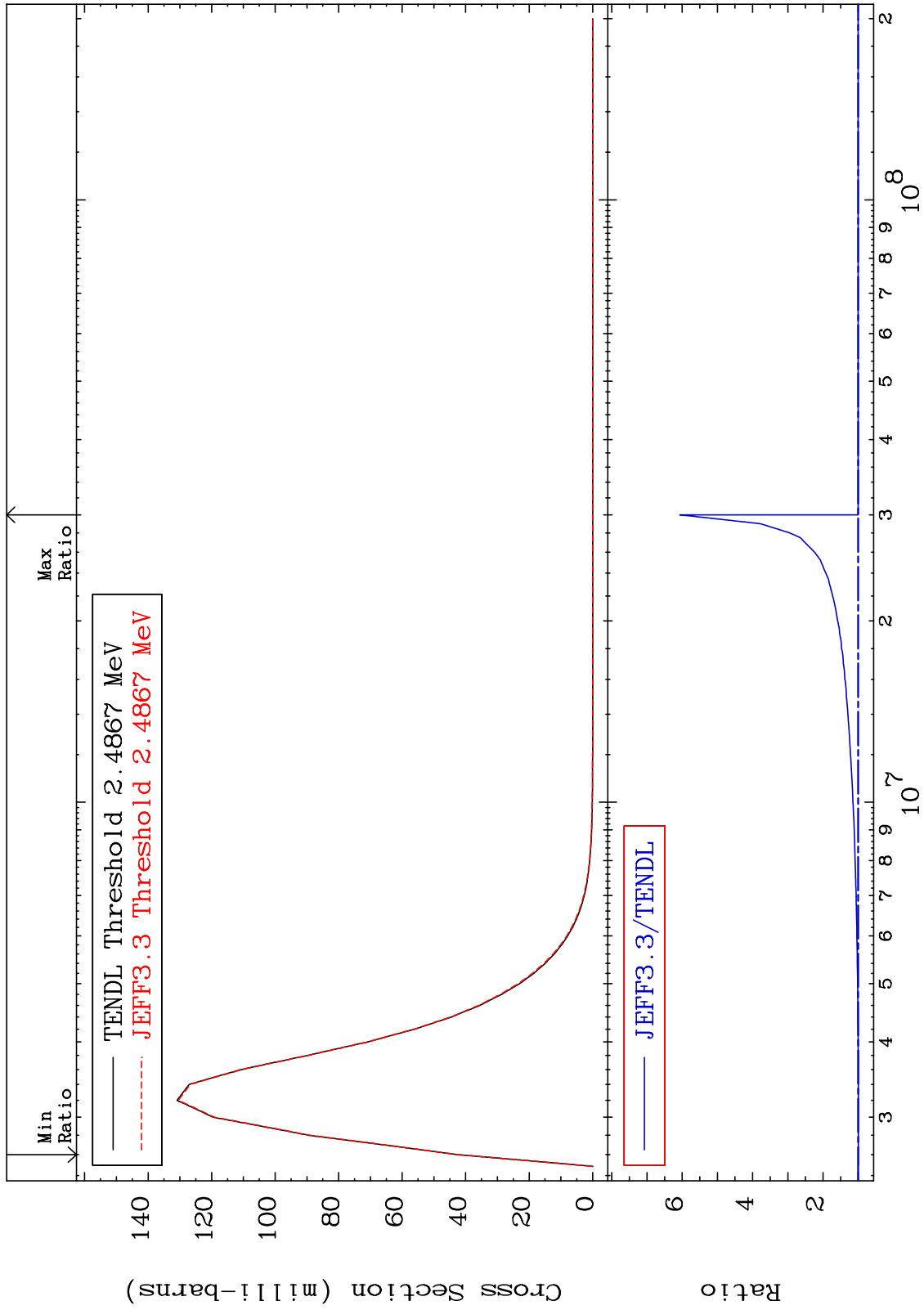
MAT 3225 MT= 56 (n, n') Level Cross Section -0.197 To 506.2 % 32-Ge-70



MAT 3225

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

32-Ge-70
-0.480 To 506.2 %



25

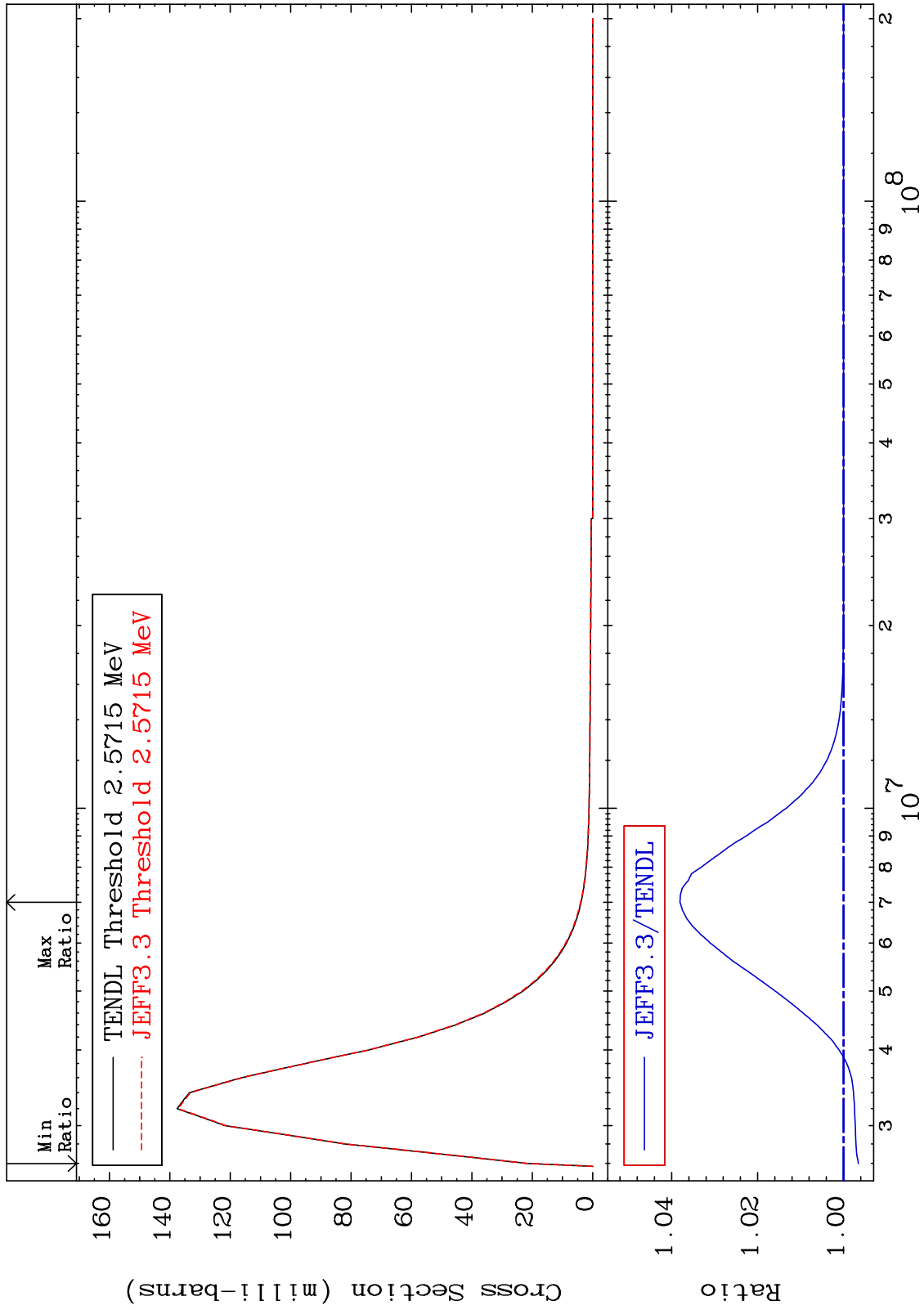
32-Ge-70

32-Ge-70

MAT 3225

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

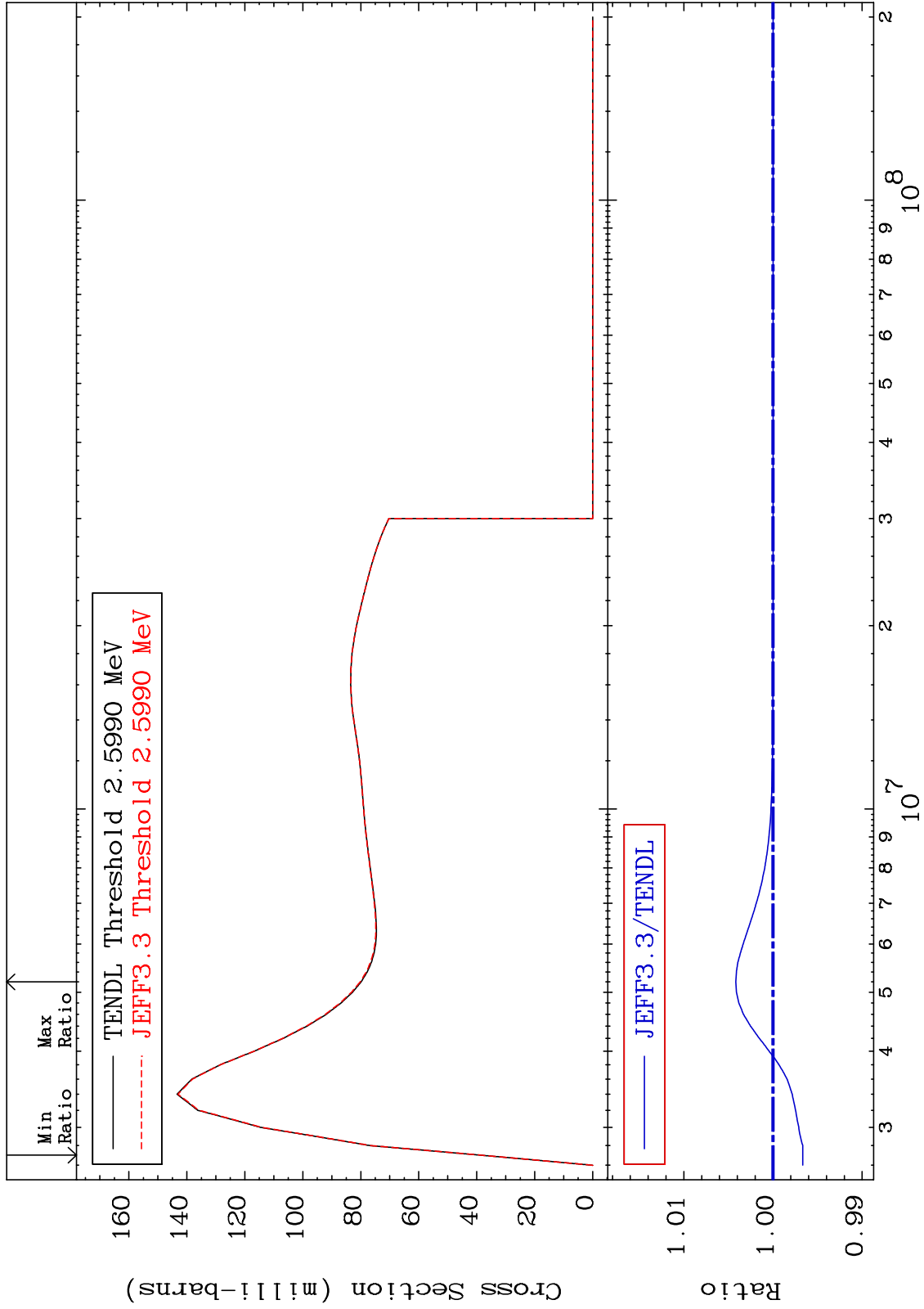
32-Ge-70
-0.346 To 3.805 %



MAT 3225

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

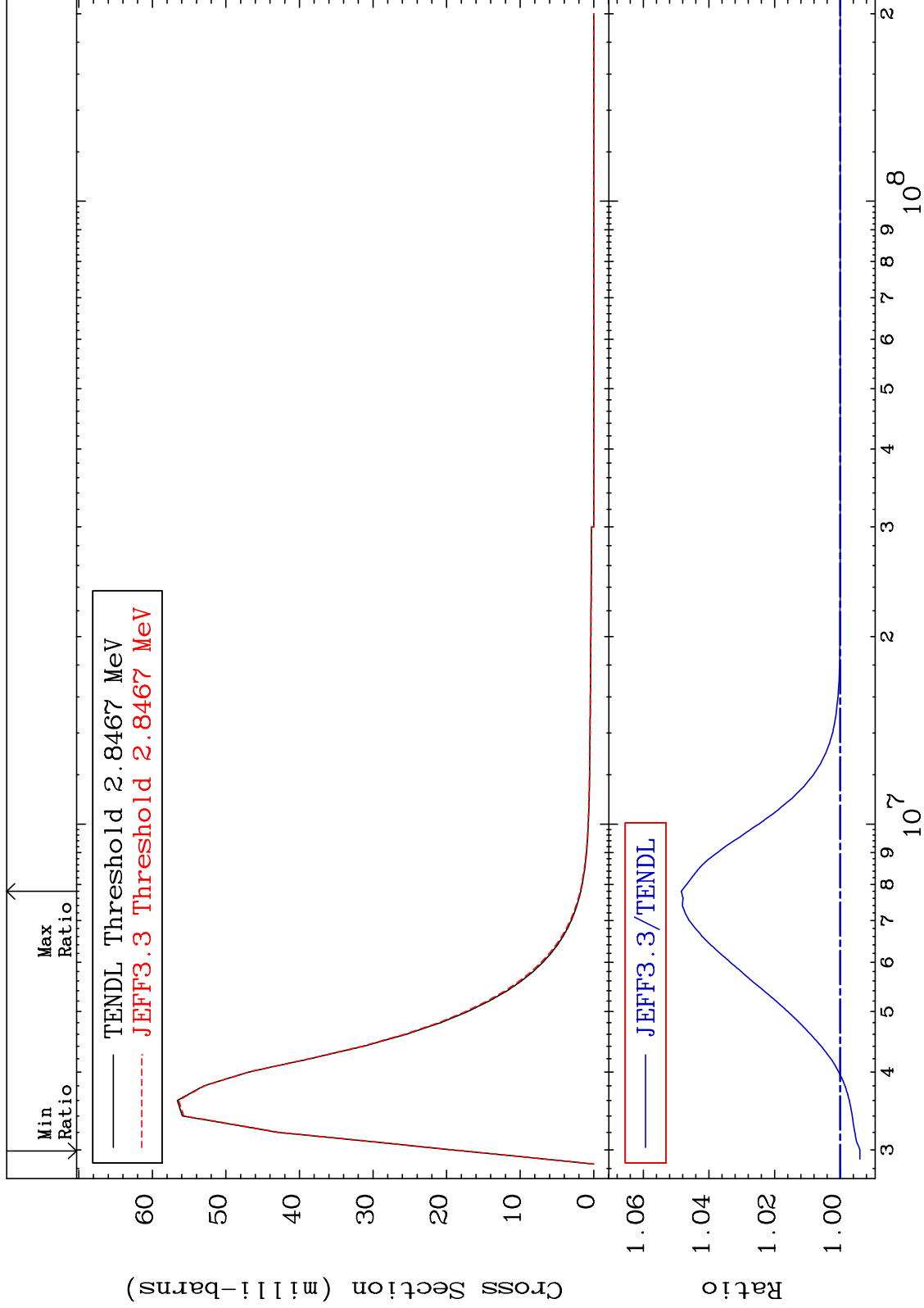
32-Ge-70
-0.333 To 0.418 %



MAT 3225

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

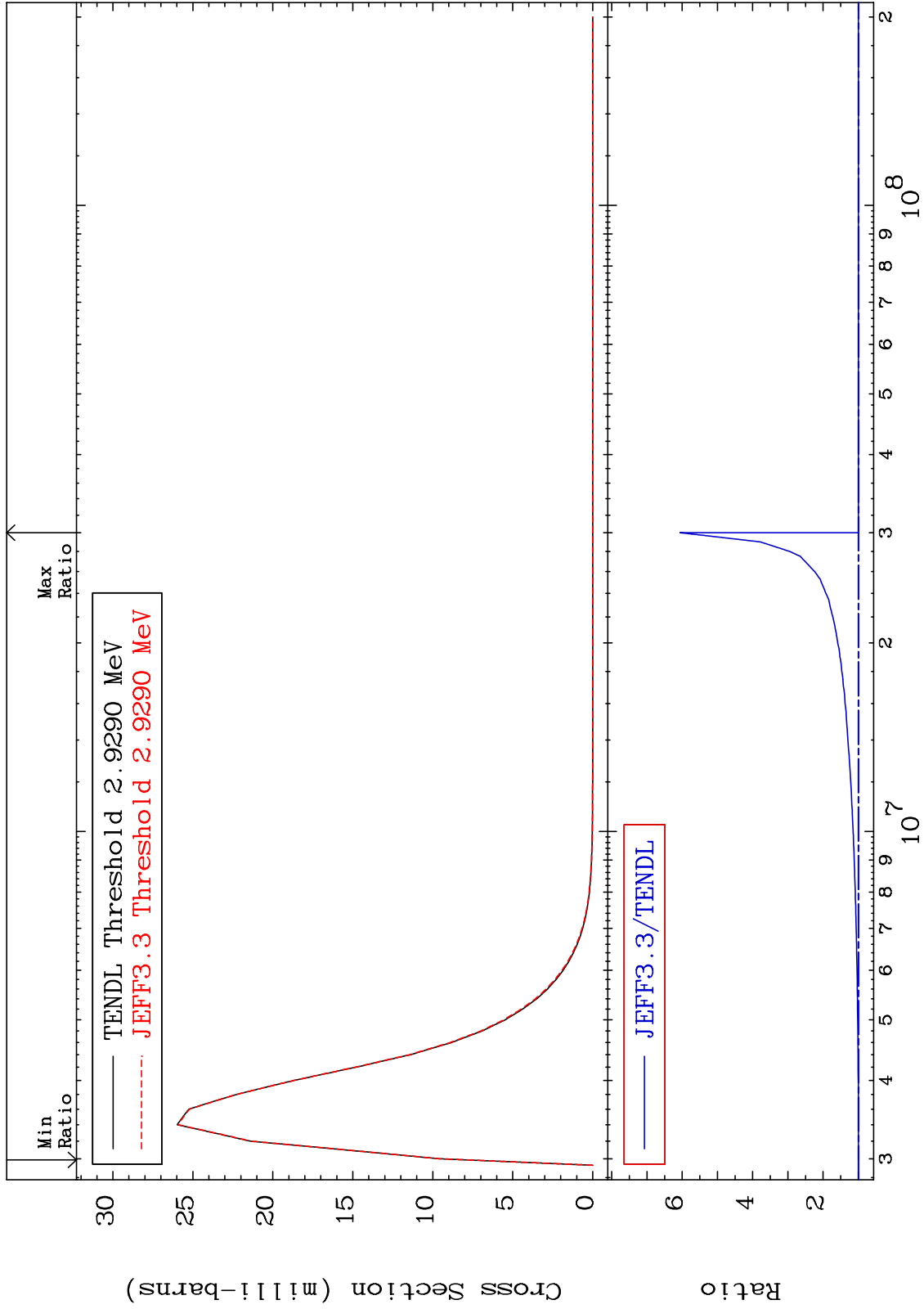
32-Ge-70
-0.603 To 4.847 %



MAT 3225

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

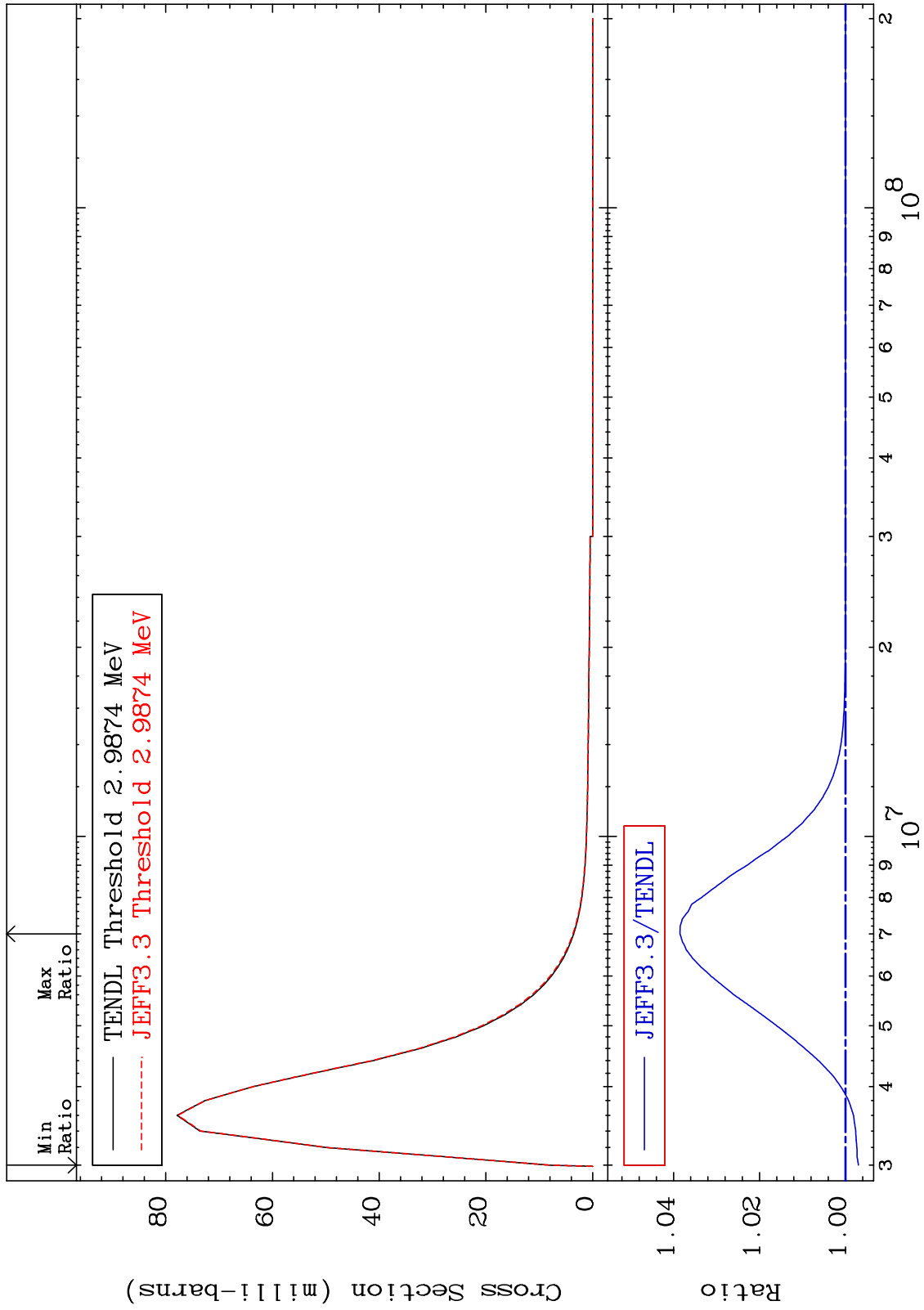
32-Ge-70
-0.205 To 506.2 %



MAT 3225

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

32-Ge-70
-0.302 To 3.849 %



30

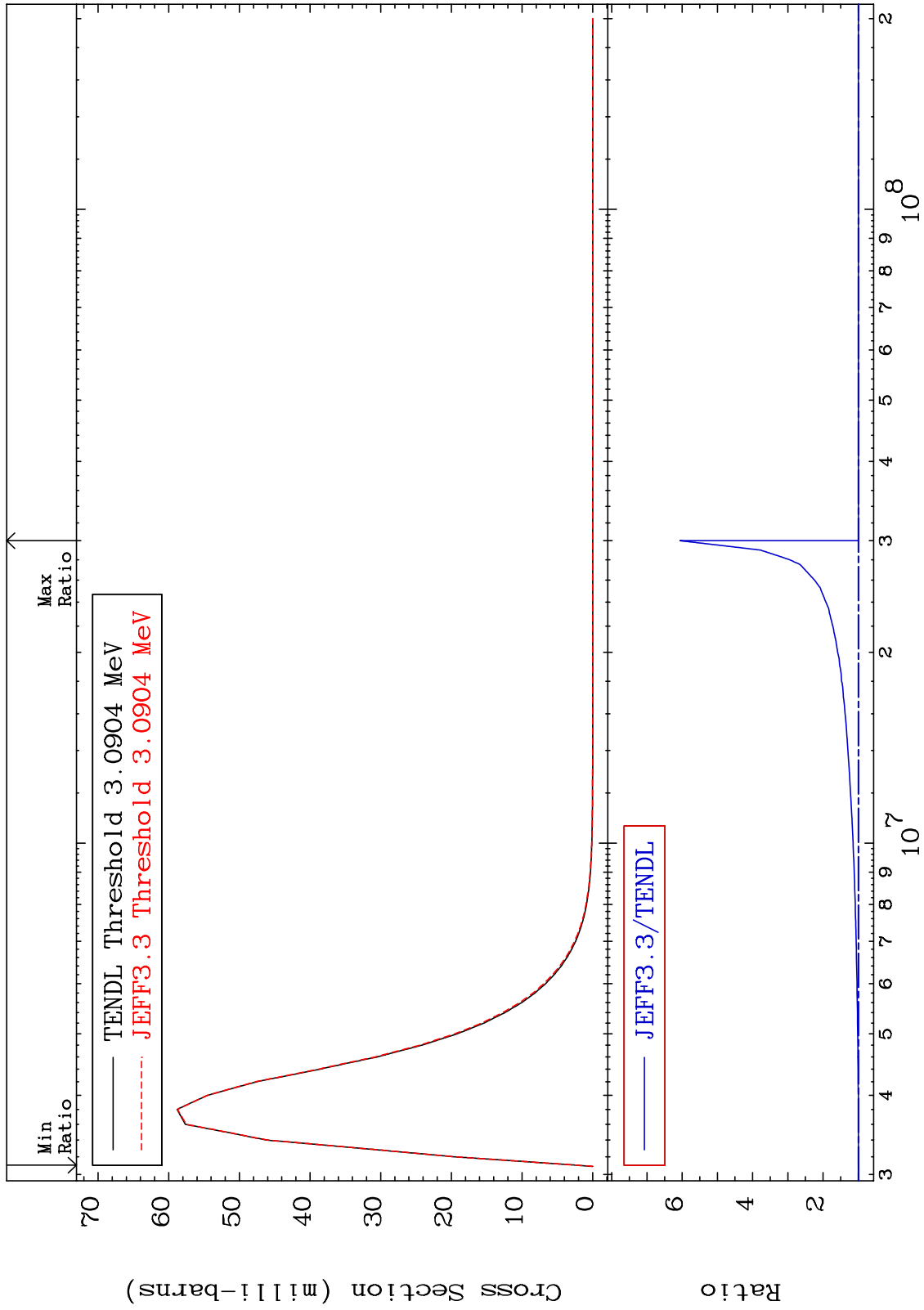
Incident Energy (eV)

32-Ge-70

MAT 3225

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

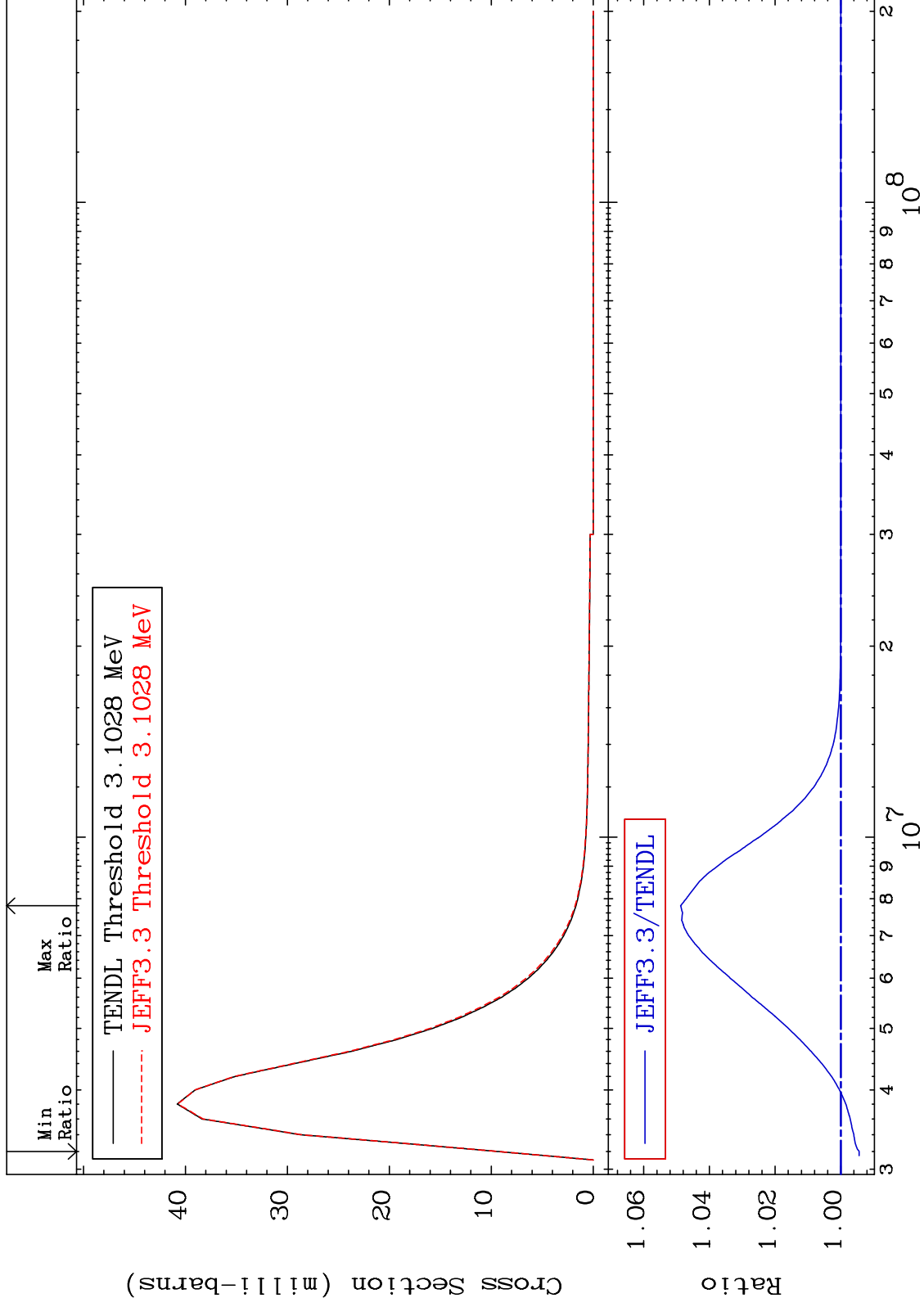
32-Ge-70
-0.331 To 506.2 %



MAT 3225

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

32-Ge-70
-0.559 To 4.877 %



32

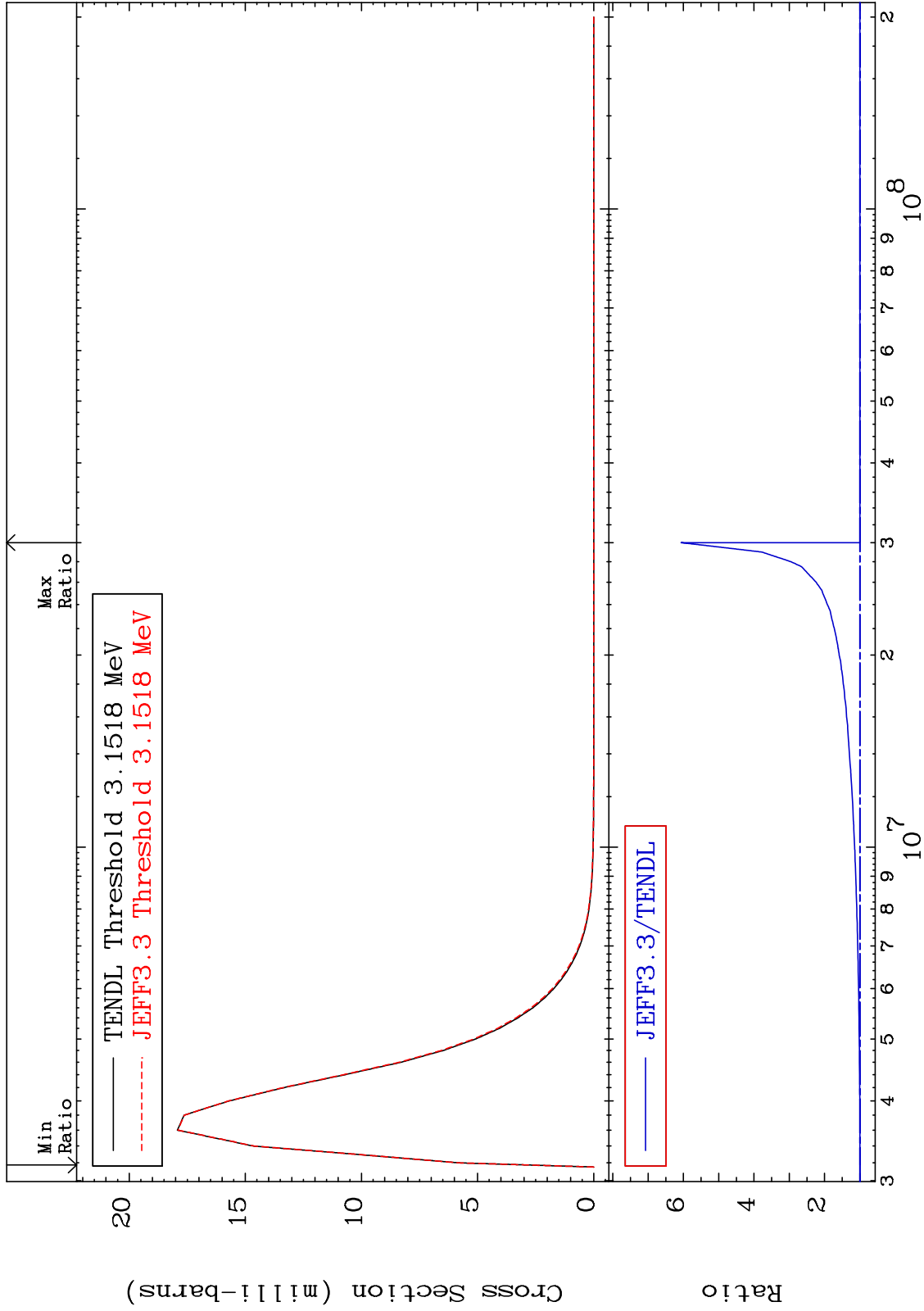
Incident Energy (eV)

32-Ge-70

MAT 3225

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

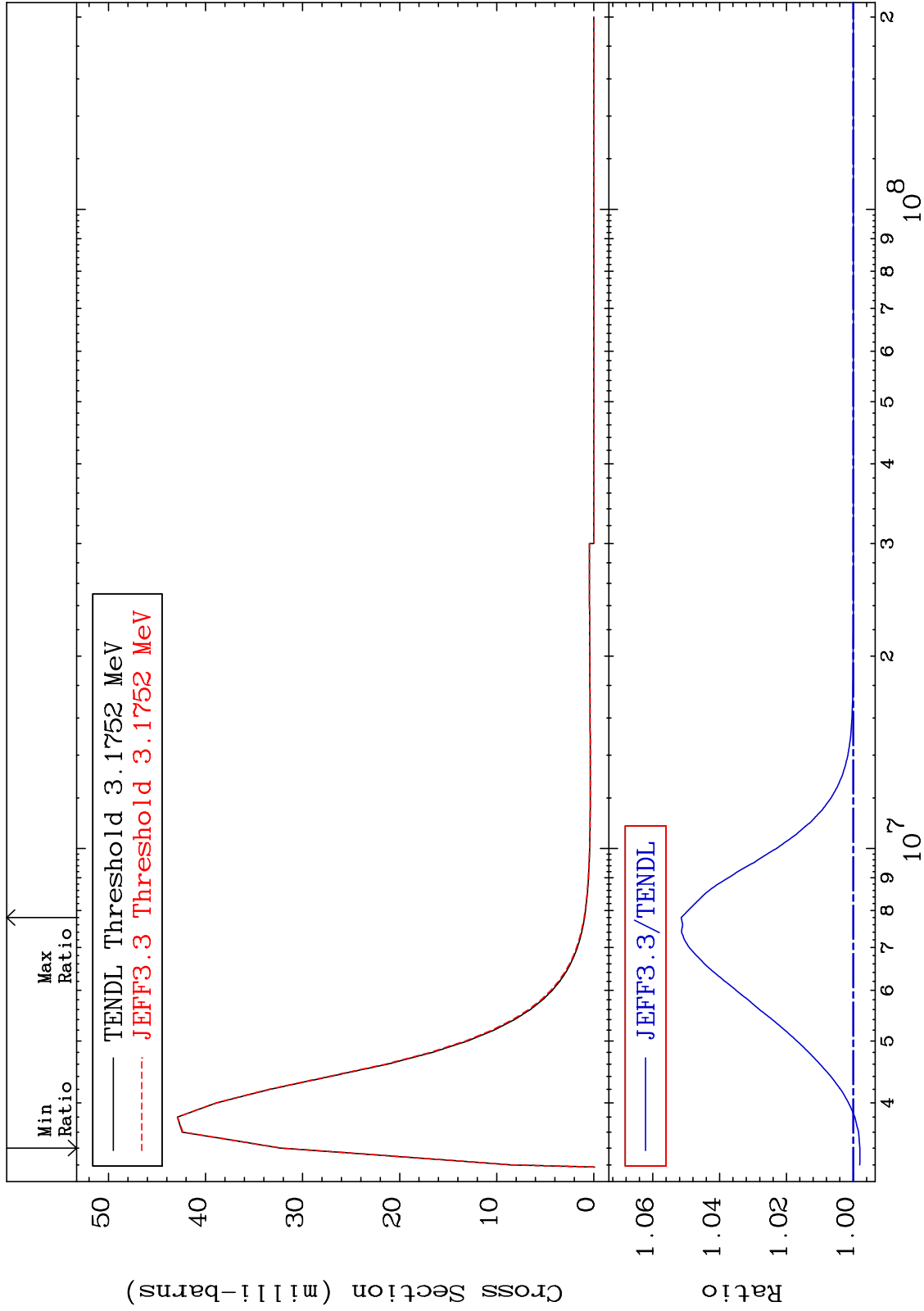
32-Ge-70
-0.206 To 506.2 %



MAT 3225

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

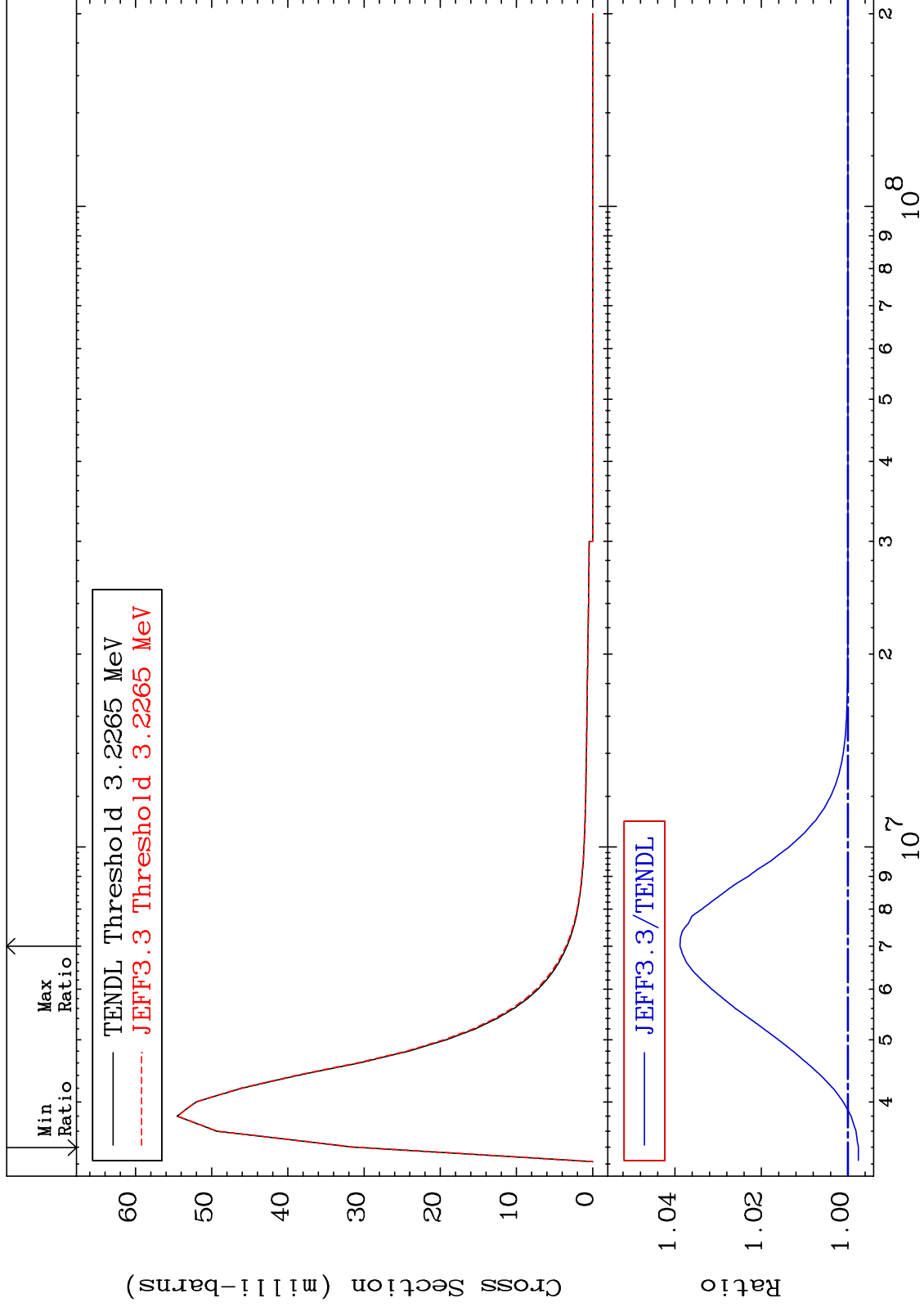
32-Ge-70
-0.200 To 5.149 %



MAT 3225

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

32-Ge-70
-0.245 To 3.884 %



35

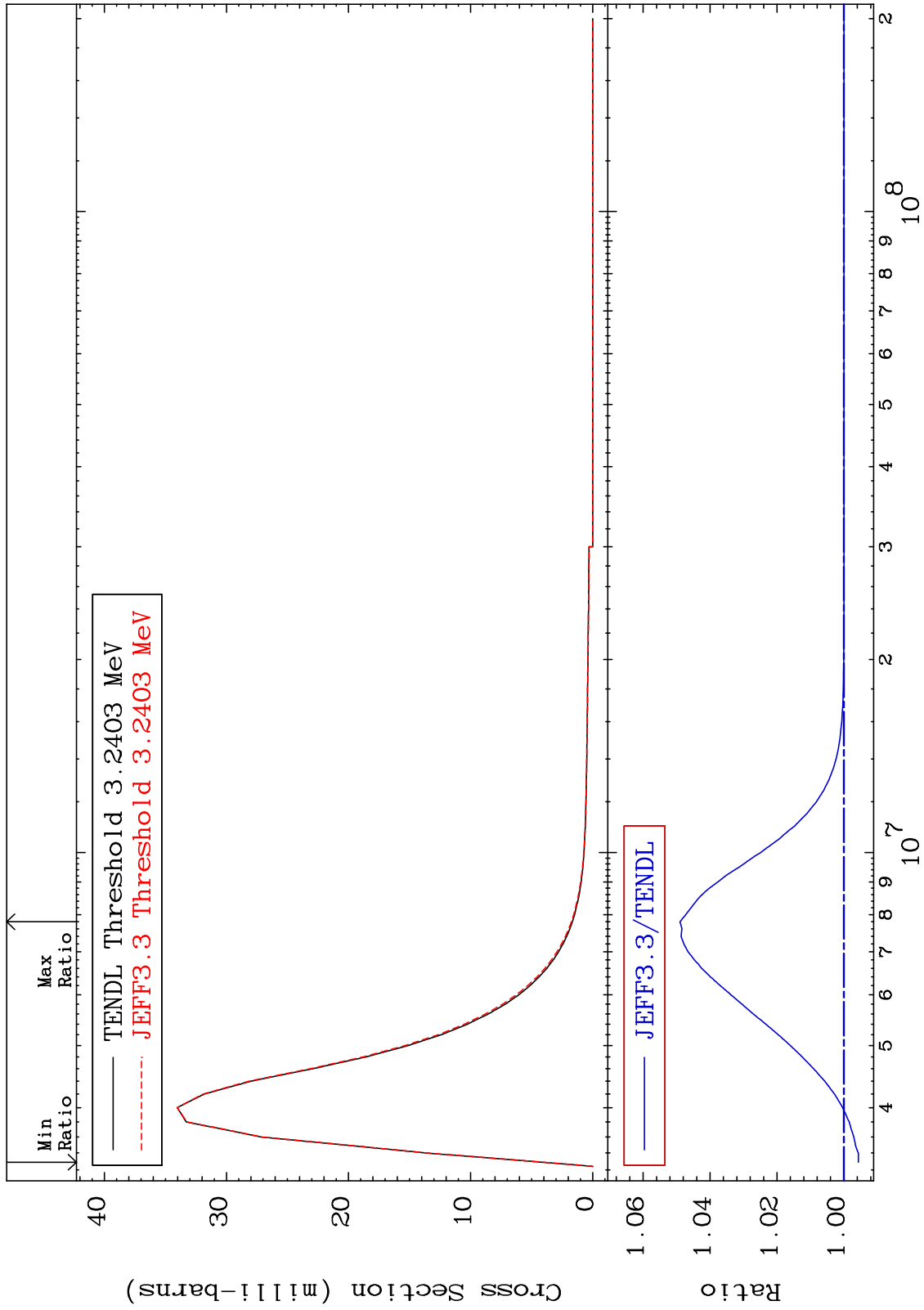
Incident Energy (eV)

32-Ge-70

MAT 3225

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

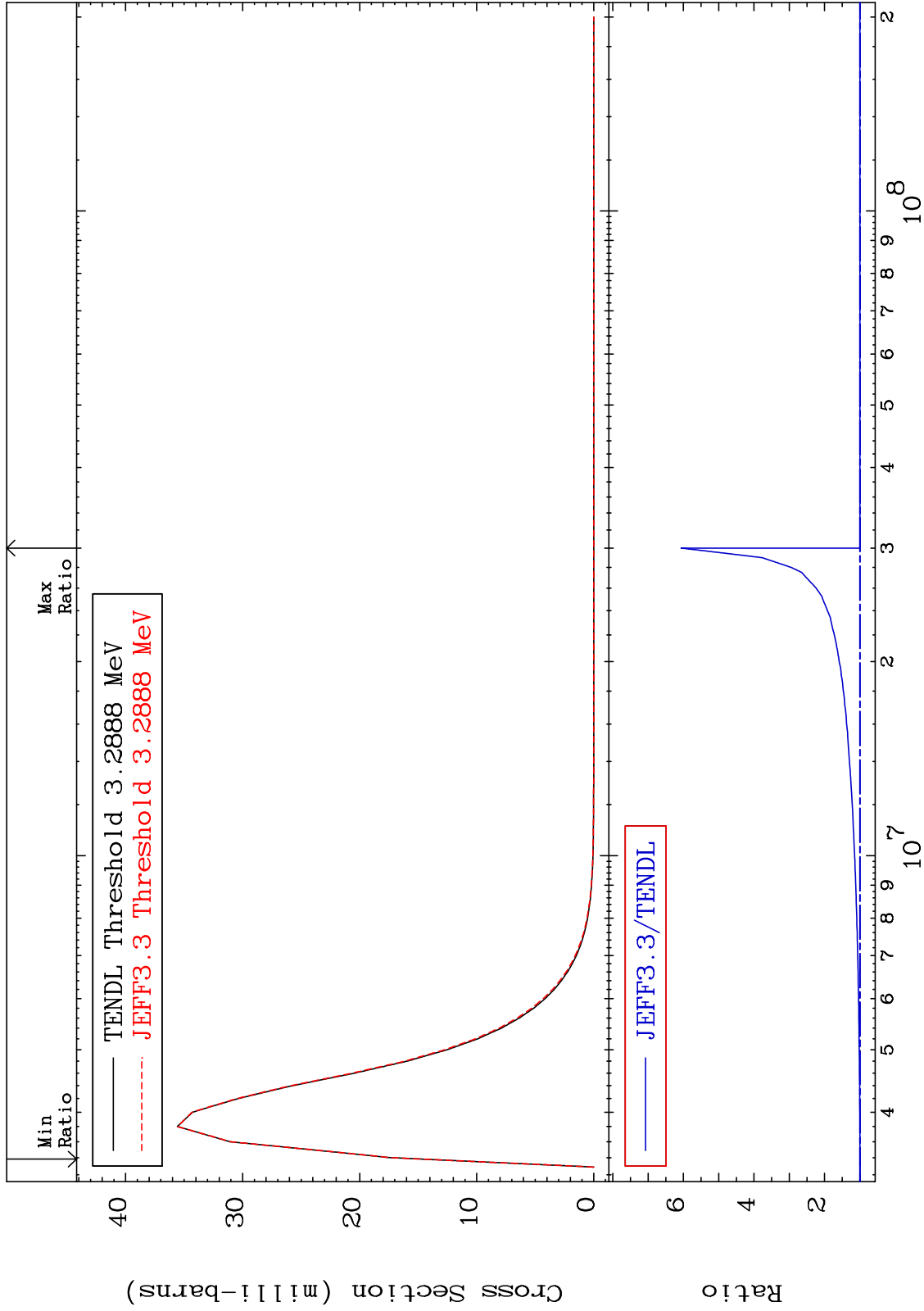
32-Ge-70
-0.433 To 4.898 %



MAT 3225

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

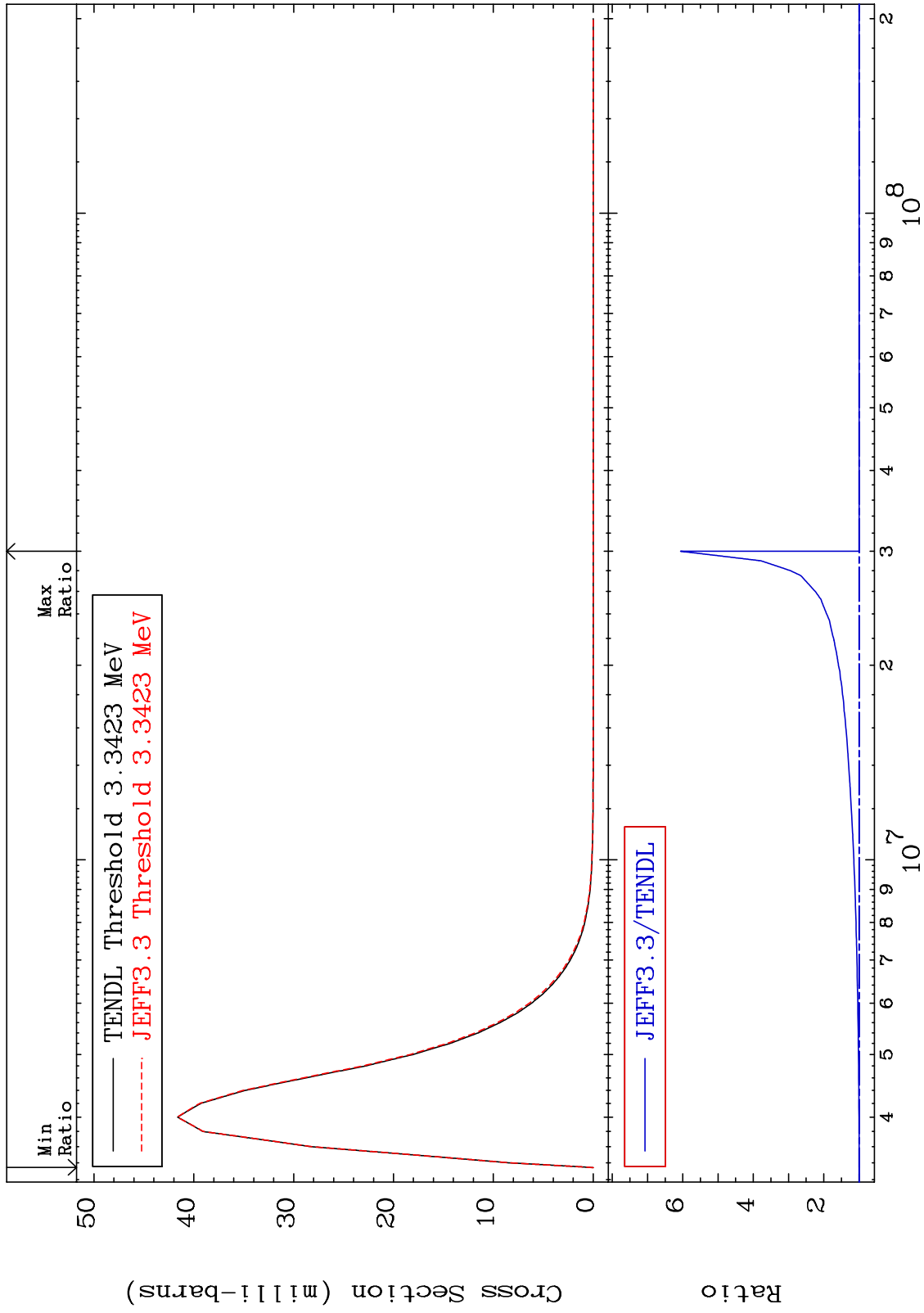
32-Ge-70
-0.202 To 506.2 %



MAT 3225

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

32-Ge-70
-0.306 To 506.2 %



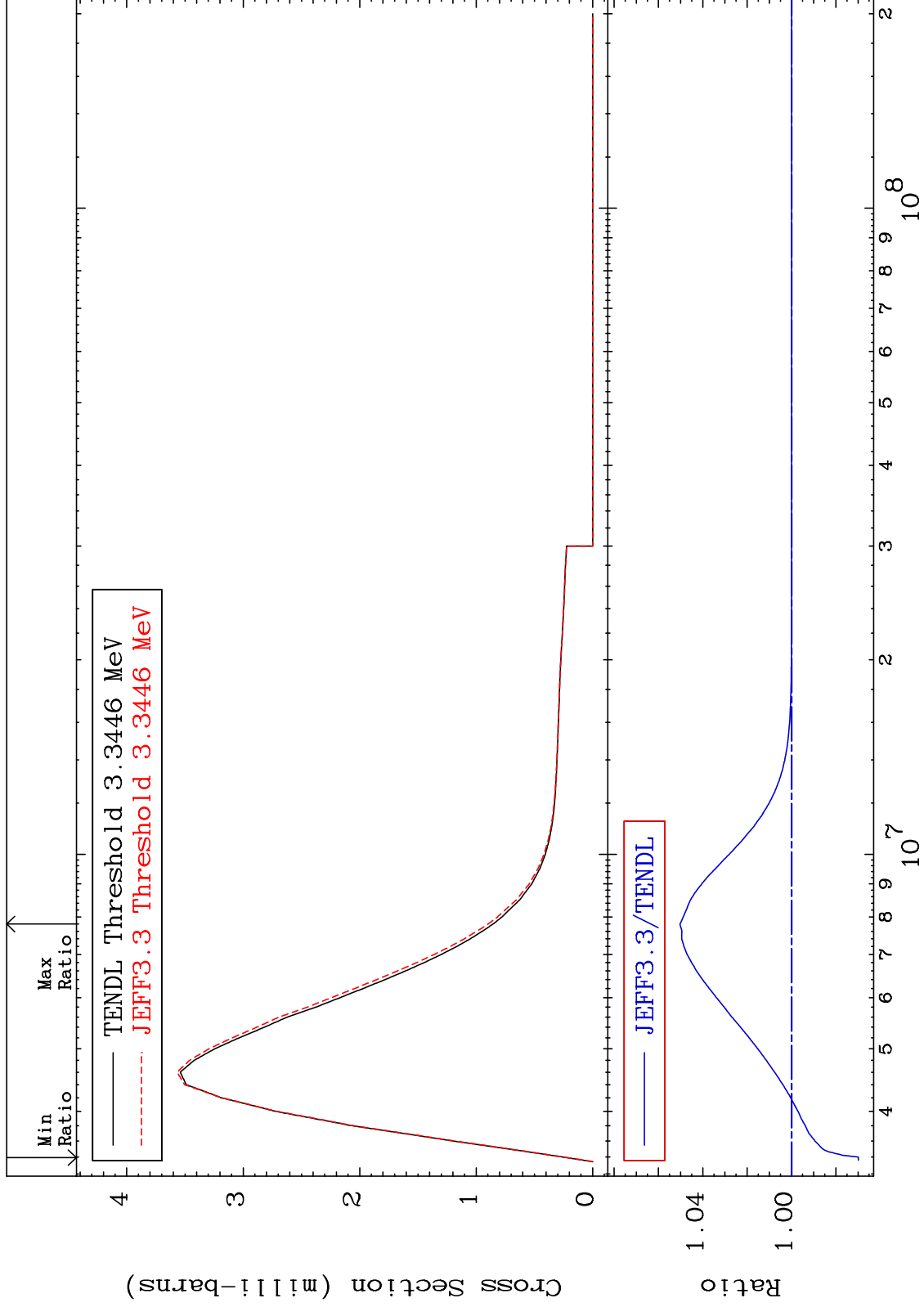
38

32-Ge-70

MAT 3225

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

32-Ge-70
-3.015 To 5.027 %



39

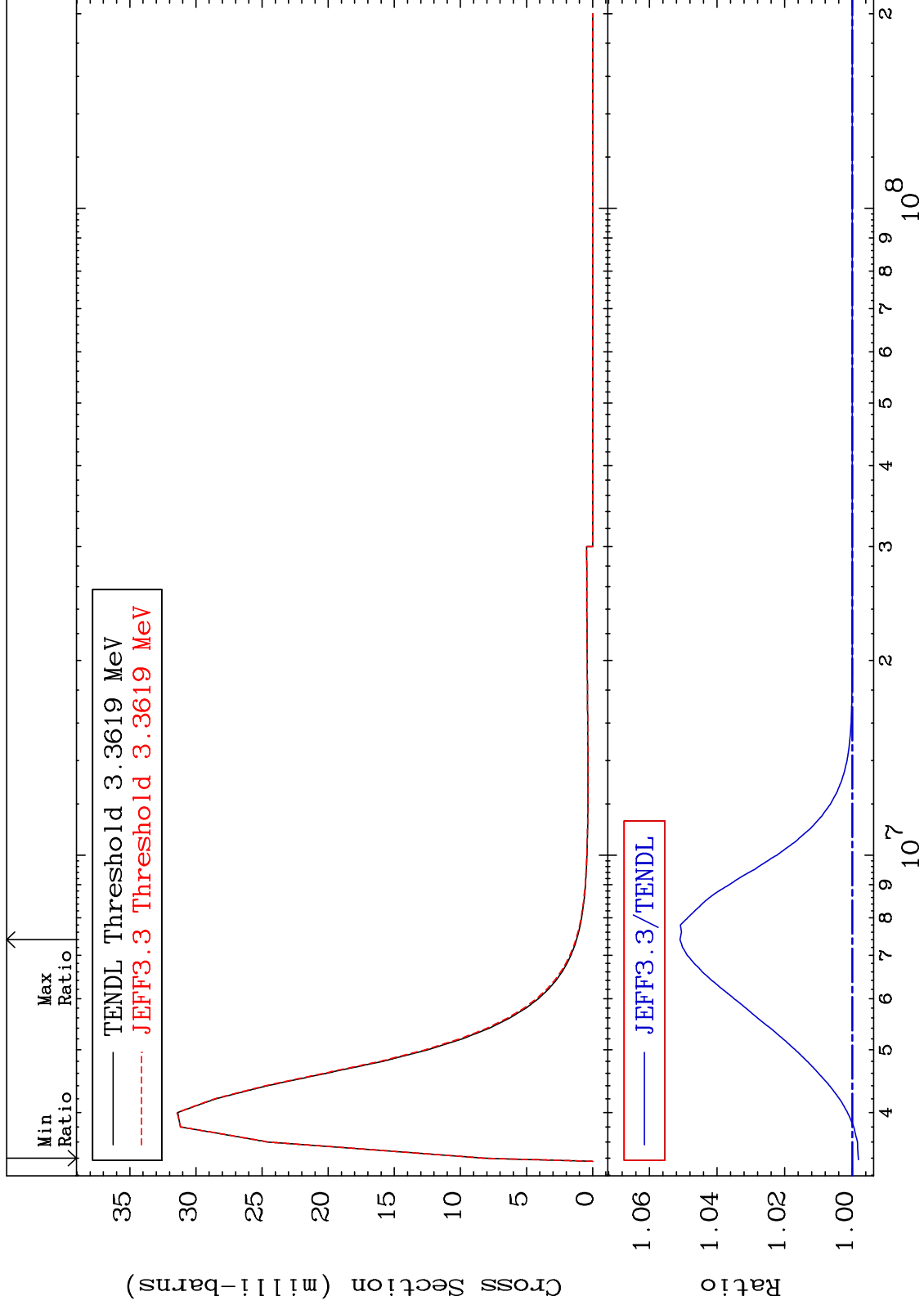
Incident Energy (eV)

32-Ge-70

MAT 3225

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

32-Ge-70
-0.180 To 5.093 %



40

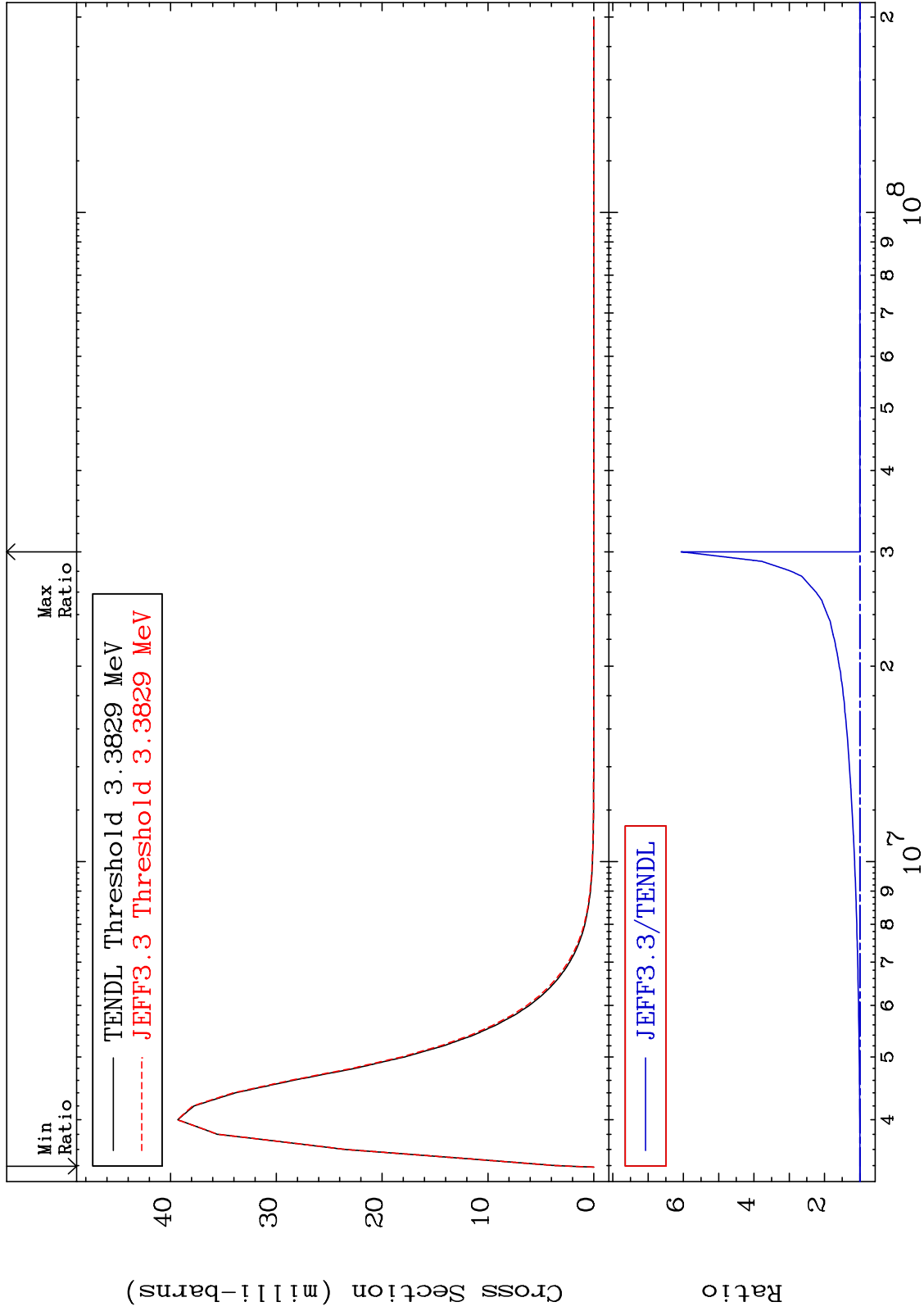
Incident Energy (eV)

32-Ge-70

MAT 3225

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

32-Ge-70
-0.319 To 506.2 %



41

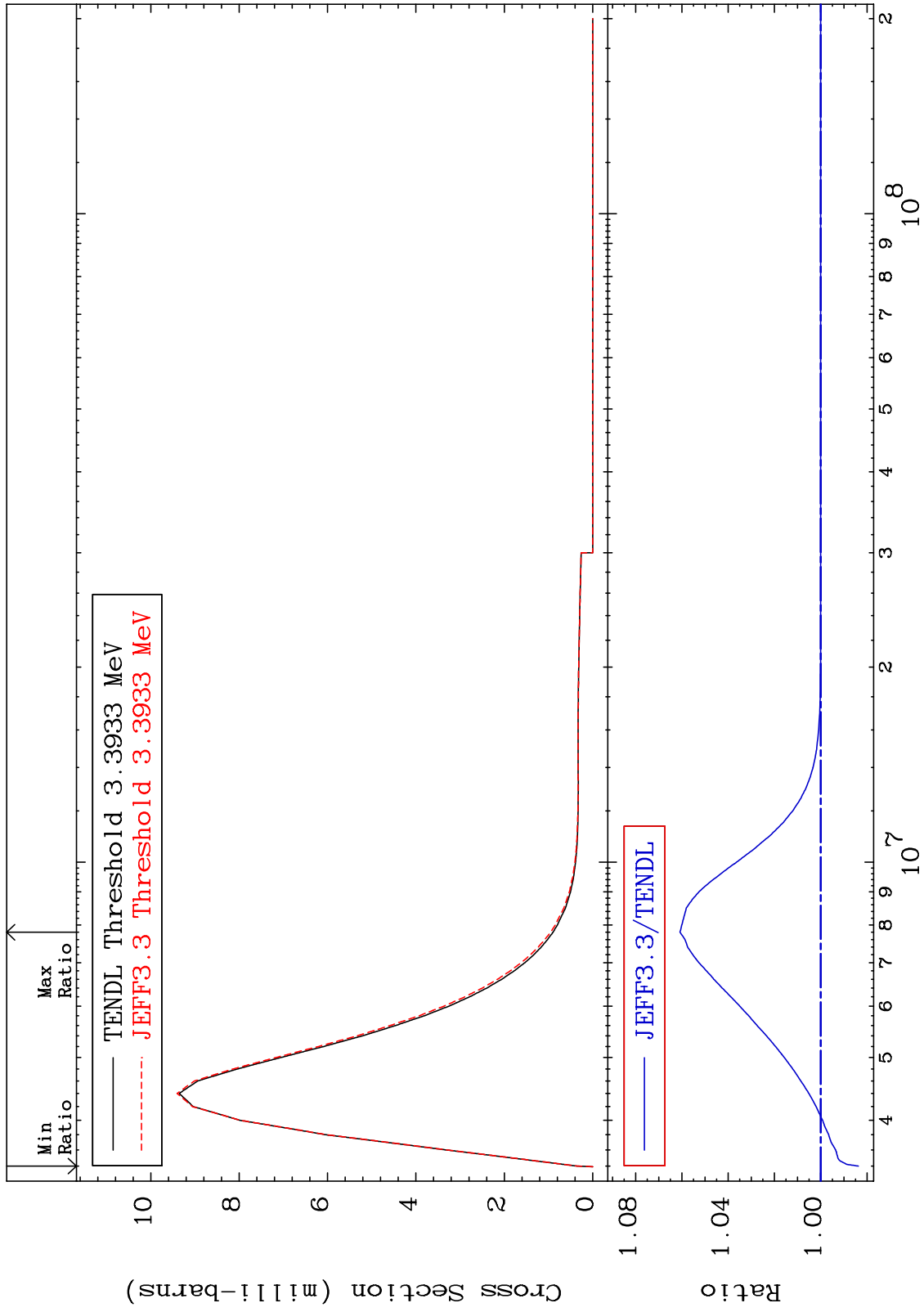
Incident Energy (eV)

32-Ge-70

MAT 3225

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

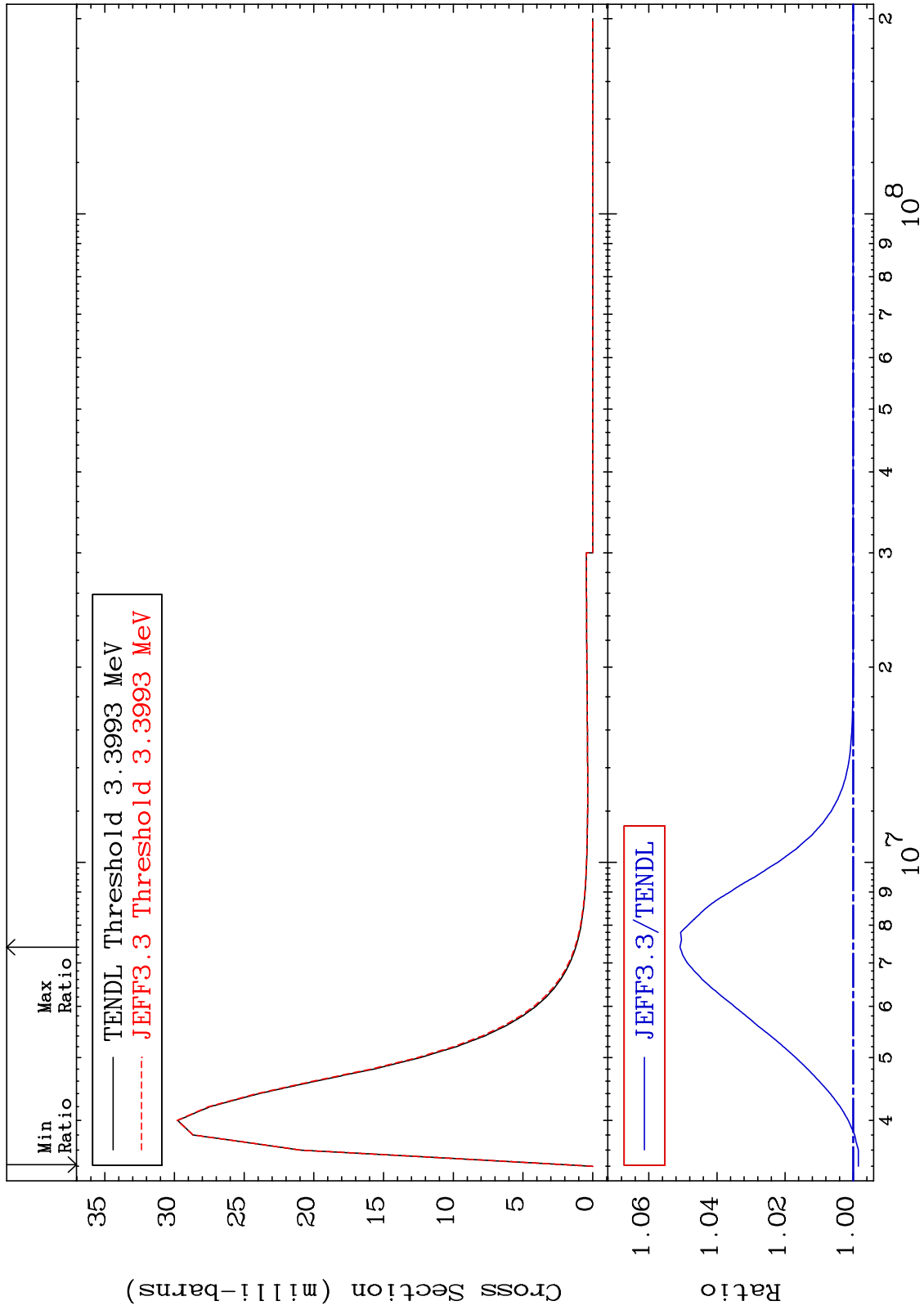
32-Ge-70
-1.628 To 6.080 %



MAT 3225

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

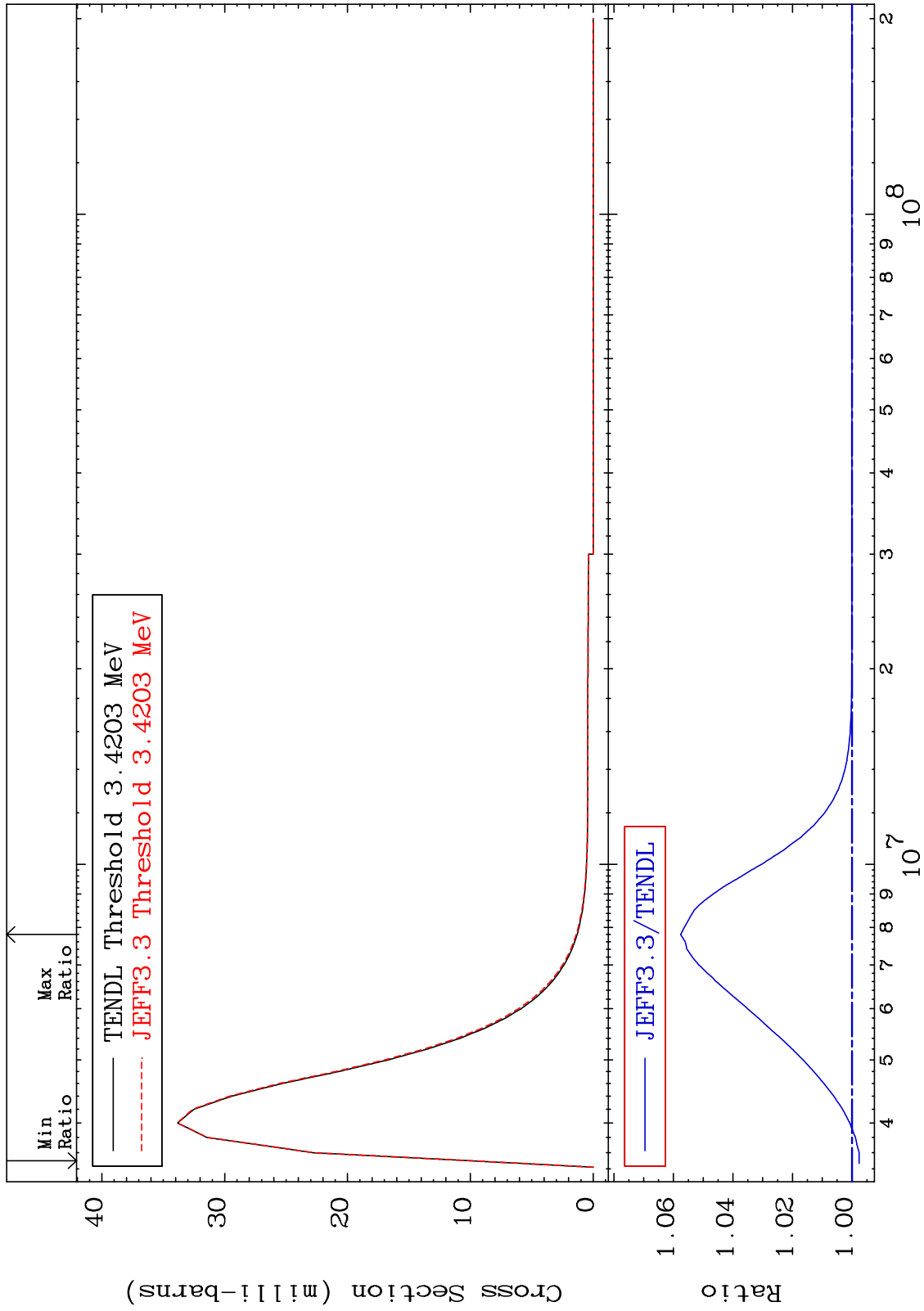
32-Ge-70
-0.154 To 5.084 %



MAT 3225

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

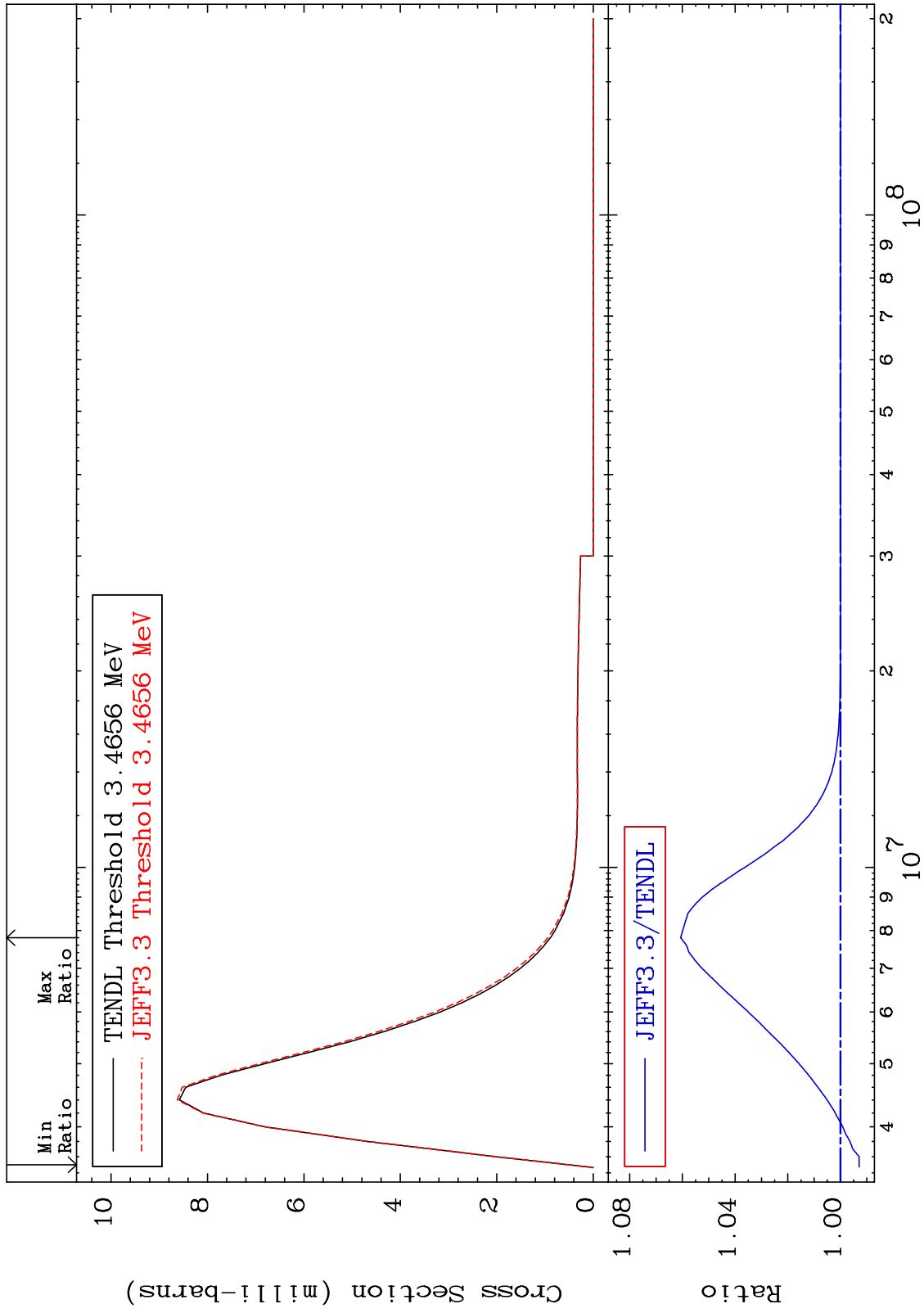
32-Ge-70
-0.240 To 5.759 %



MAT 3225

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

32-Ge-70
-0.708 To 6.067 %



45

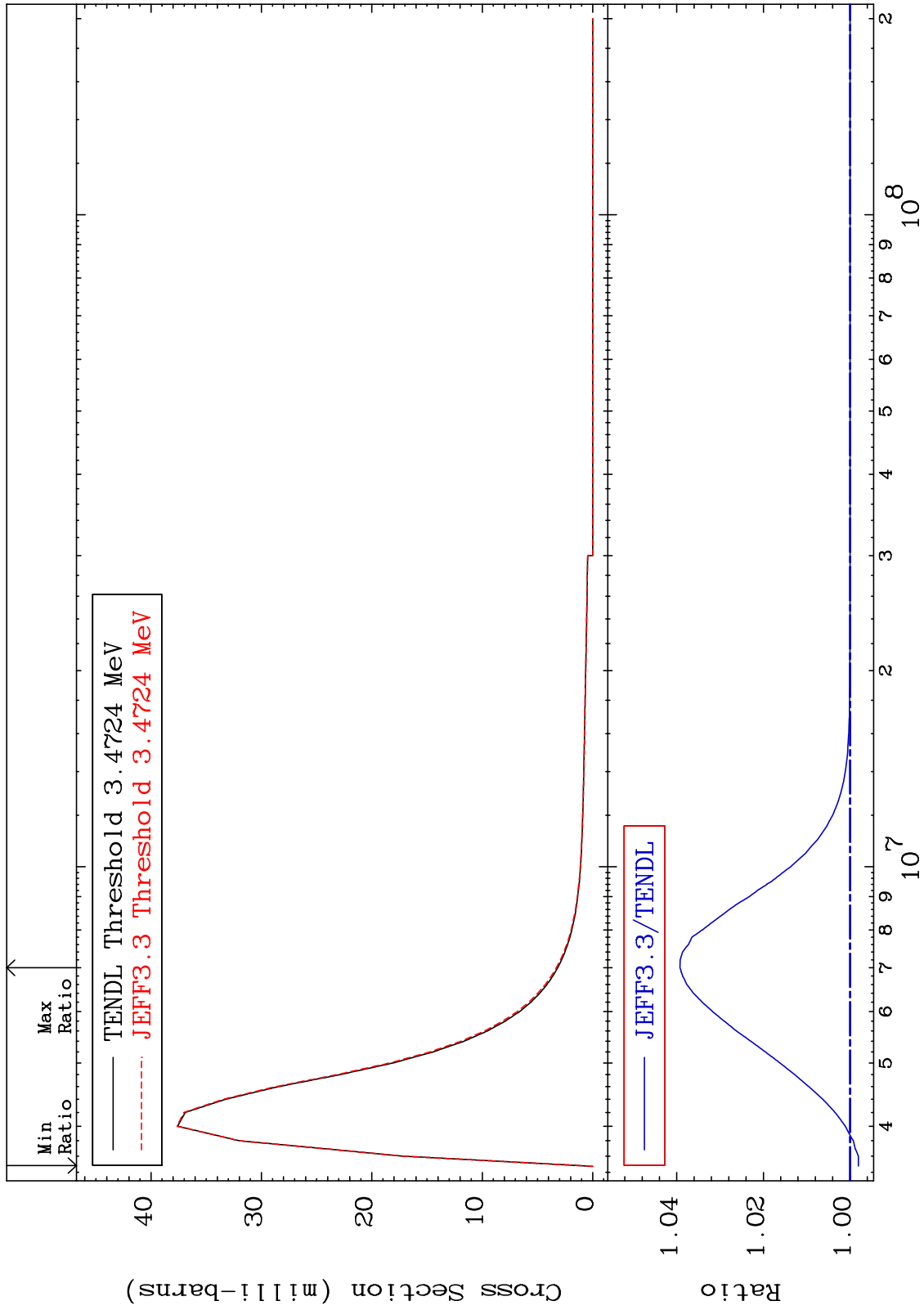
Incident Energy (eV)

32-Ge-70

MAT 3225

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

32-Ge-70
-0.194 To 3.925 %



46

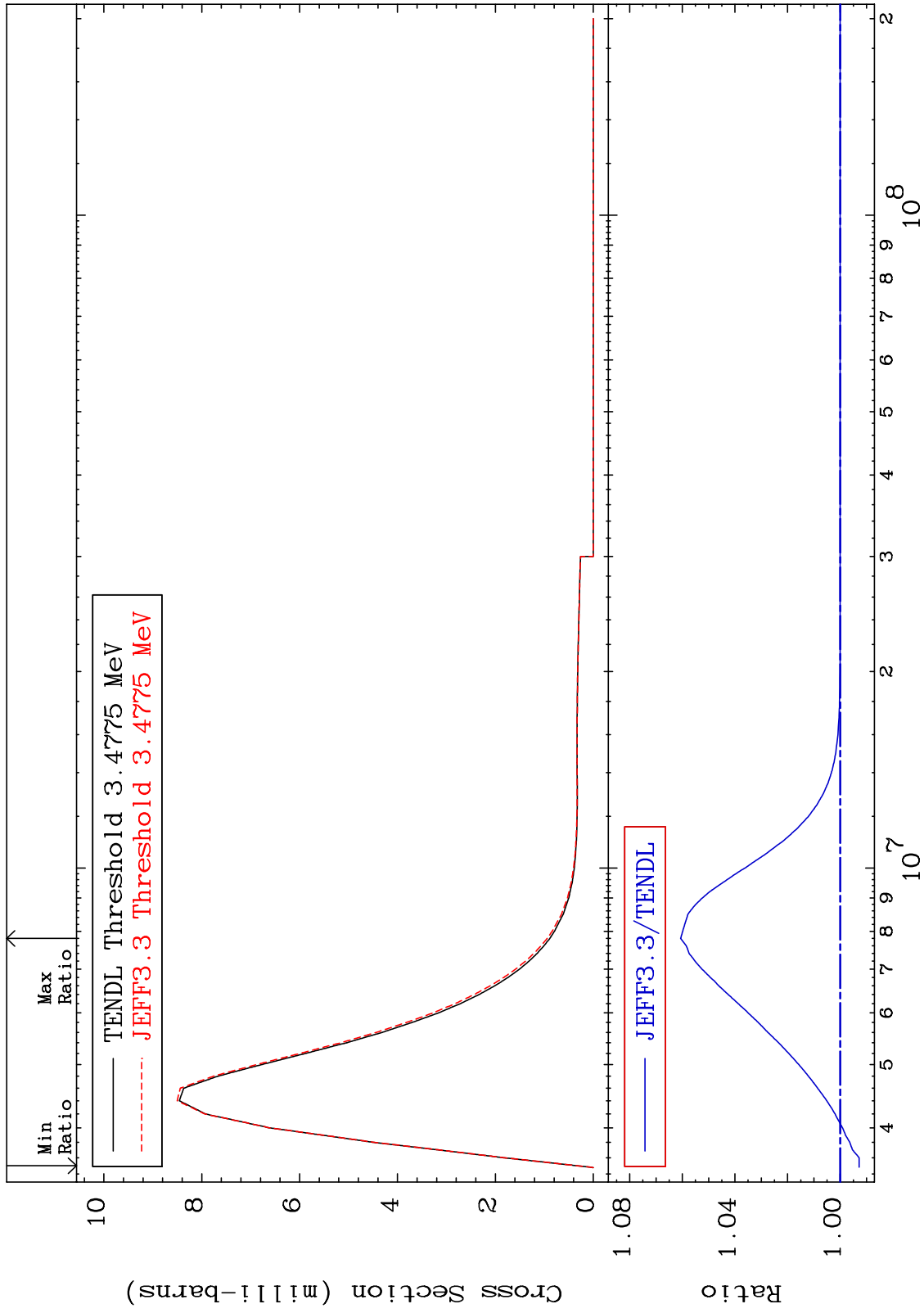
Incident Energy (eV)

32-Ge-70

MAT 3225

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

32-Ge-70
-0.721 To 6.065 %



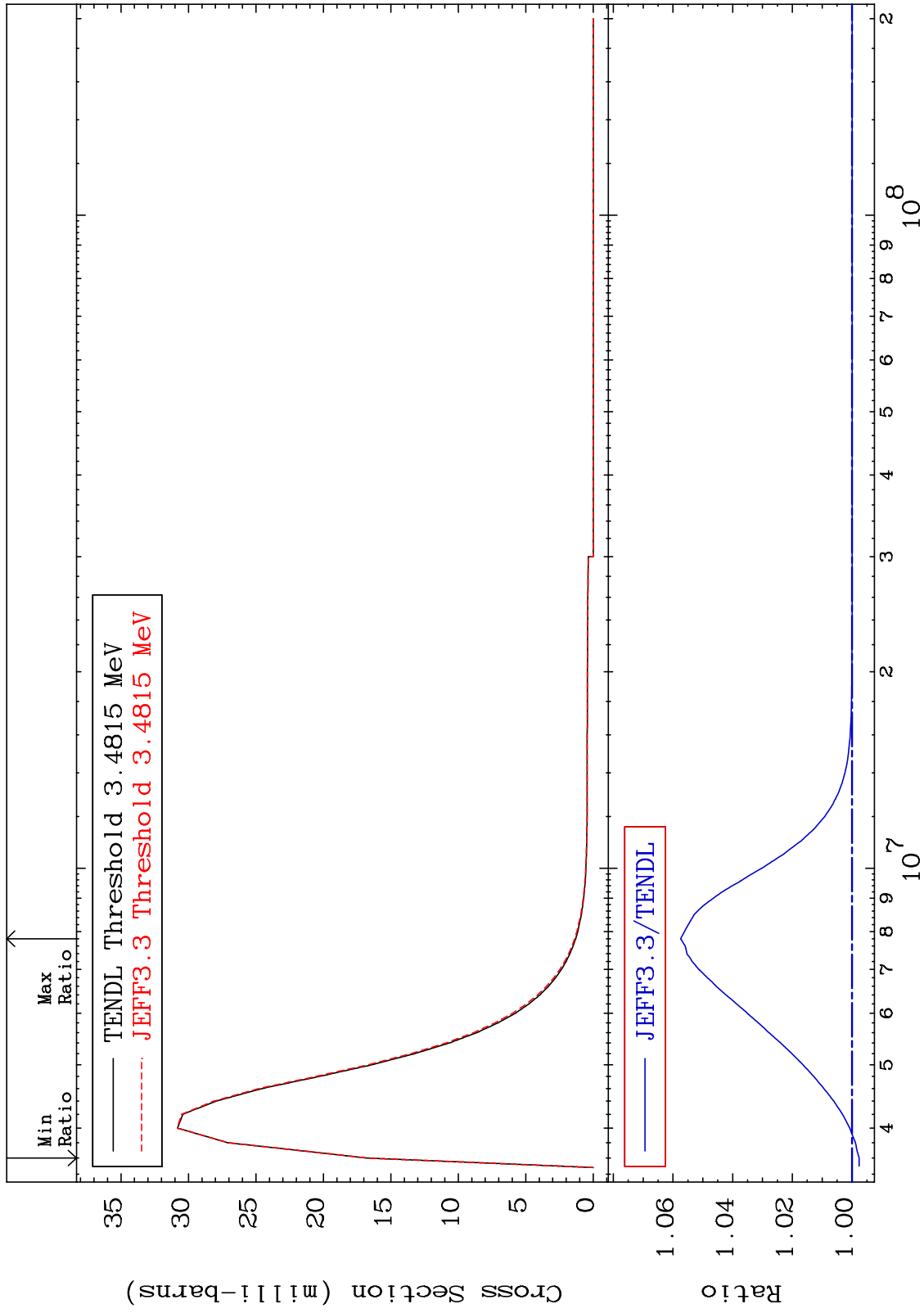
47

32-Ge-70

MAT 3225

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

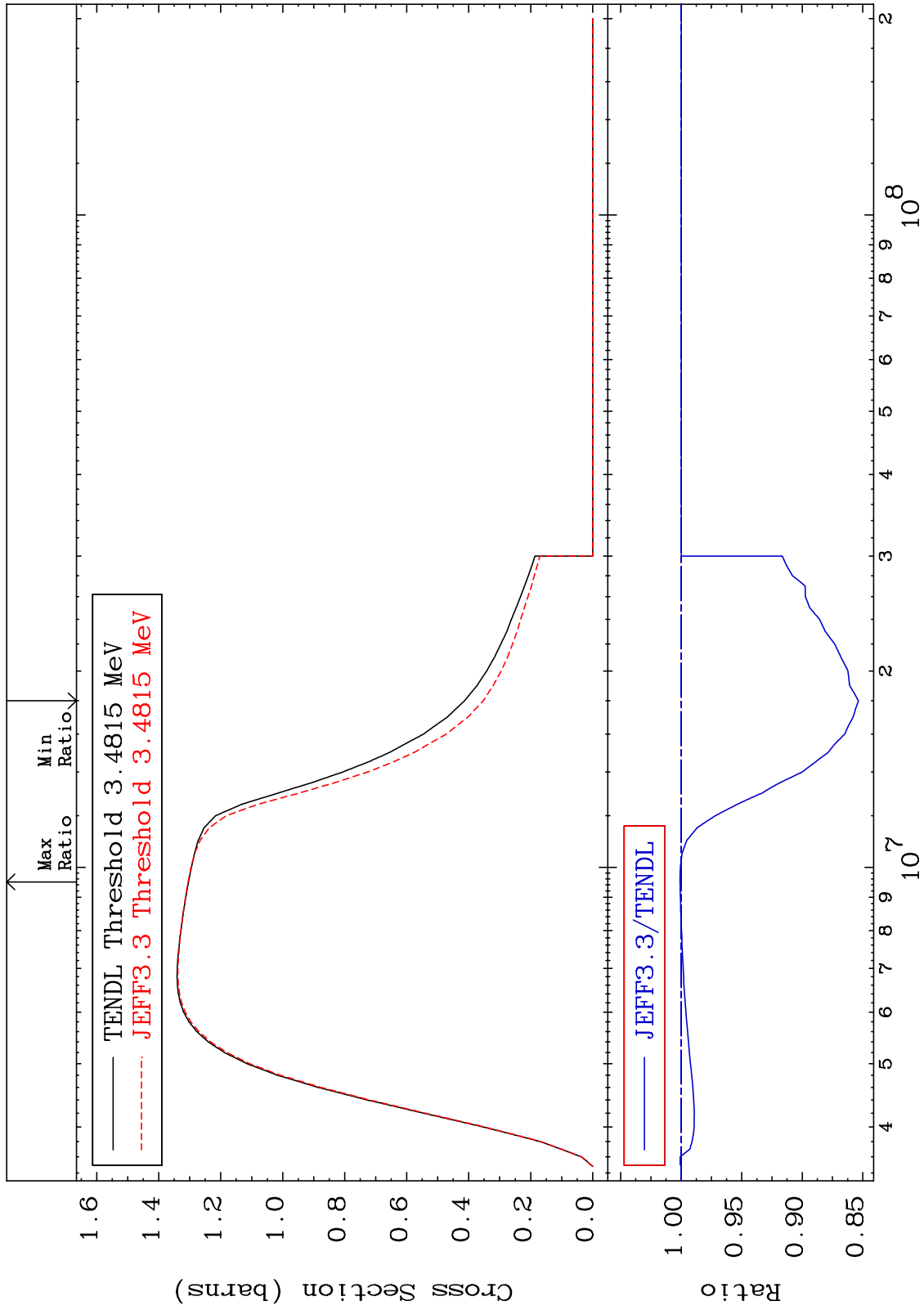
32-Ge-70
-0.239 To 5.744 %



MAT 3225

(n, n') Continuum
Cross Section

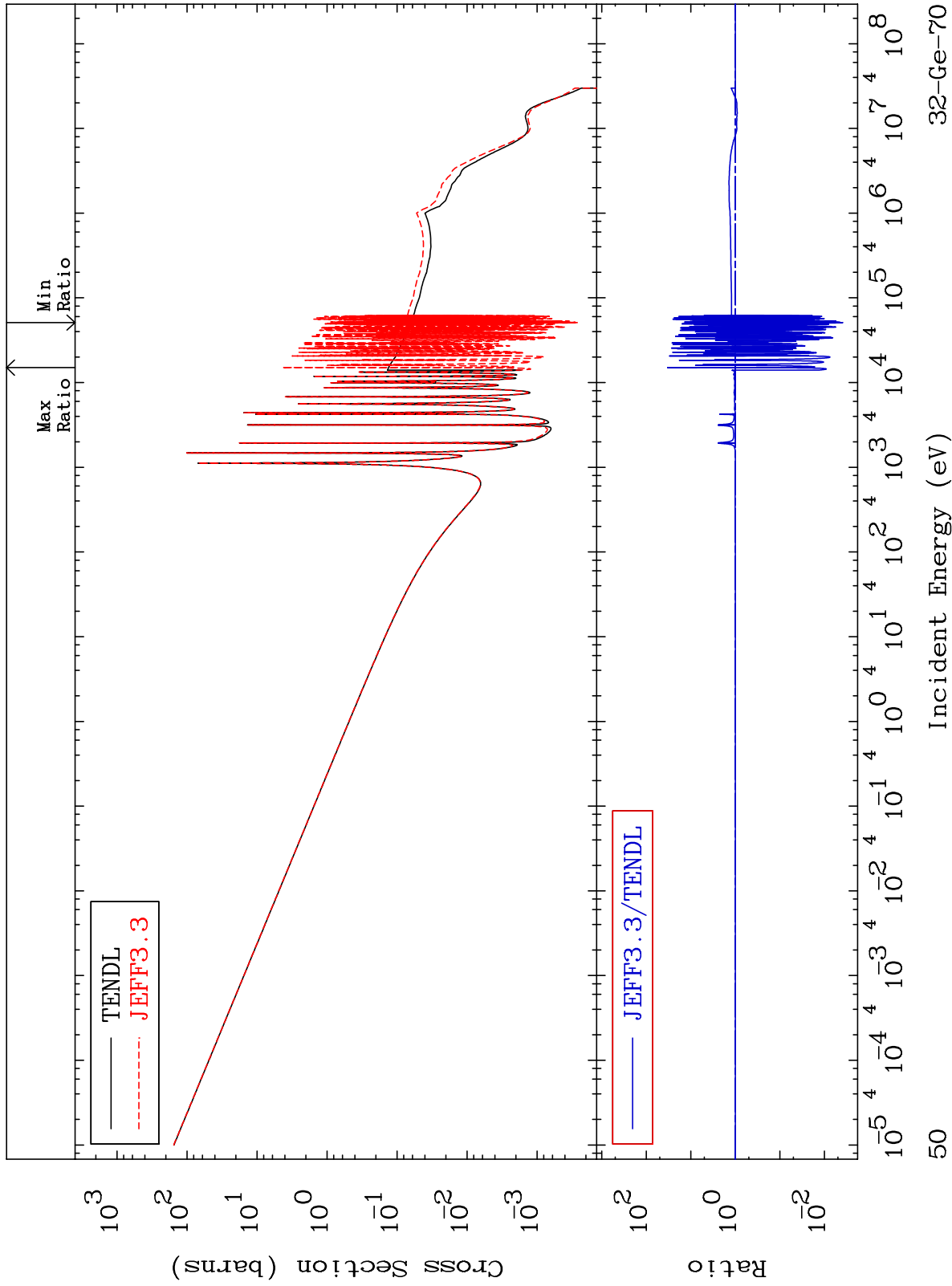
32-Ge-70
-14.64 To 0.095 %



MAT 3225

(n, γ)
Cross Section

32-Ge-70
-99.61 To 3231. %



50

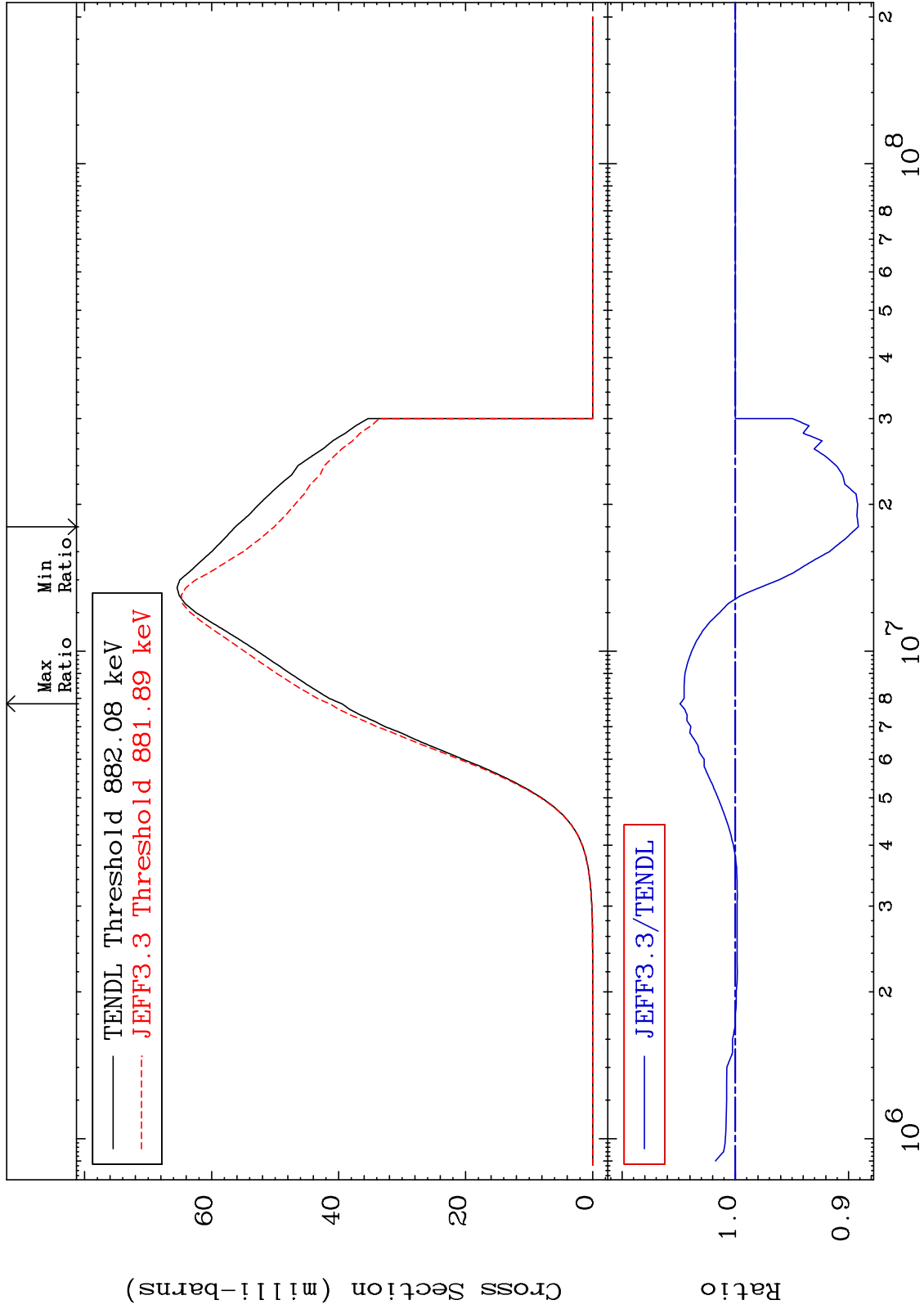
32-Ge-70

MAT 3225

$^{32}\text{Ge-70}$

(n, p)
-10.87 To 4.886 %

Cross Section



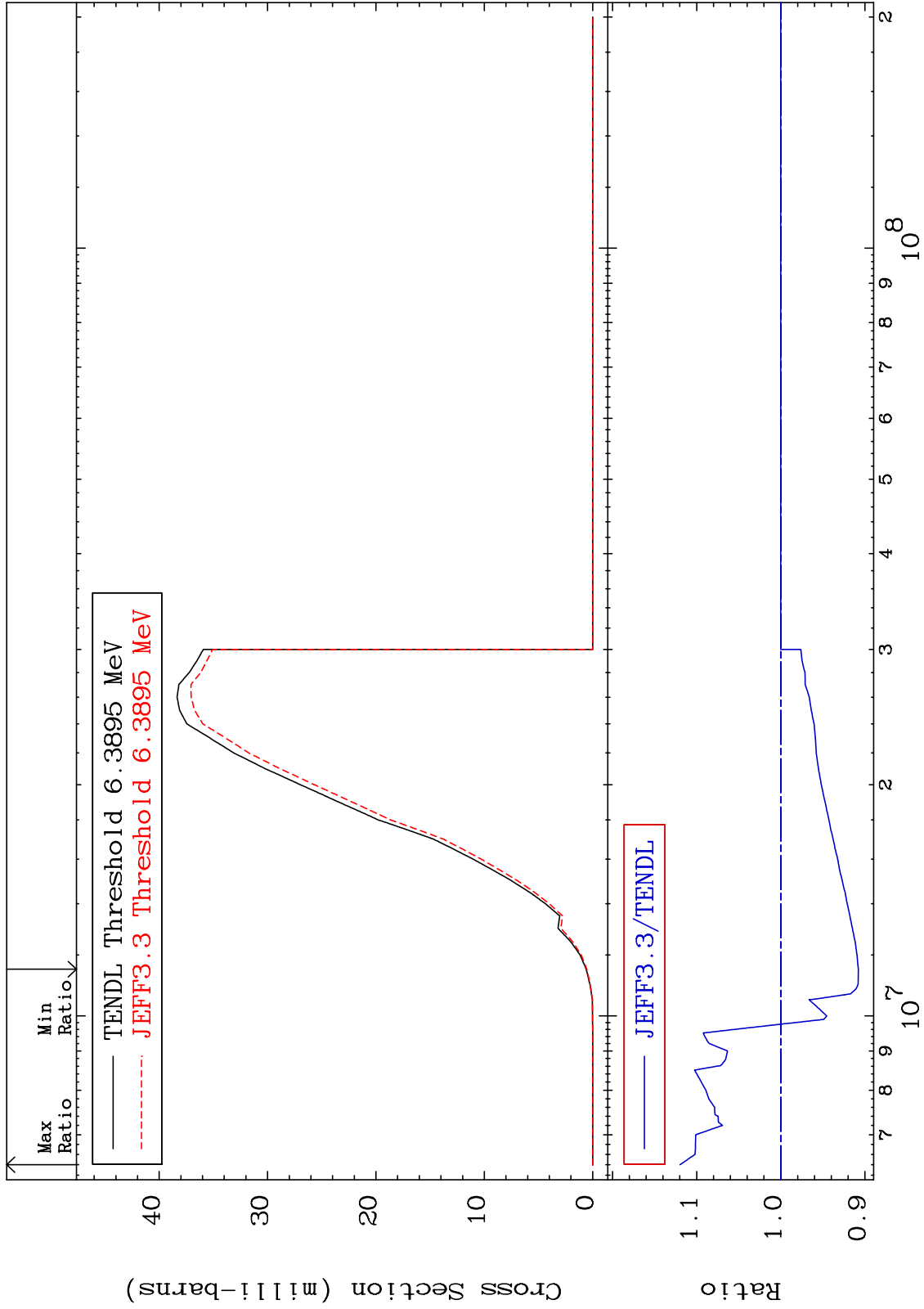
MAT 3225

(n, d)

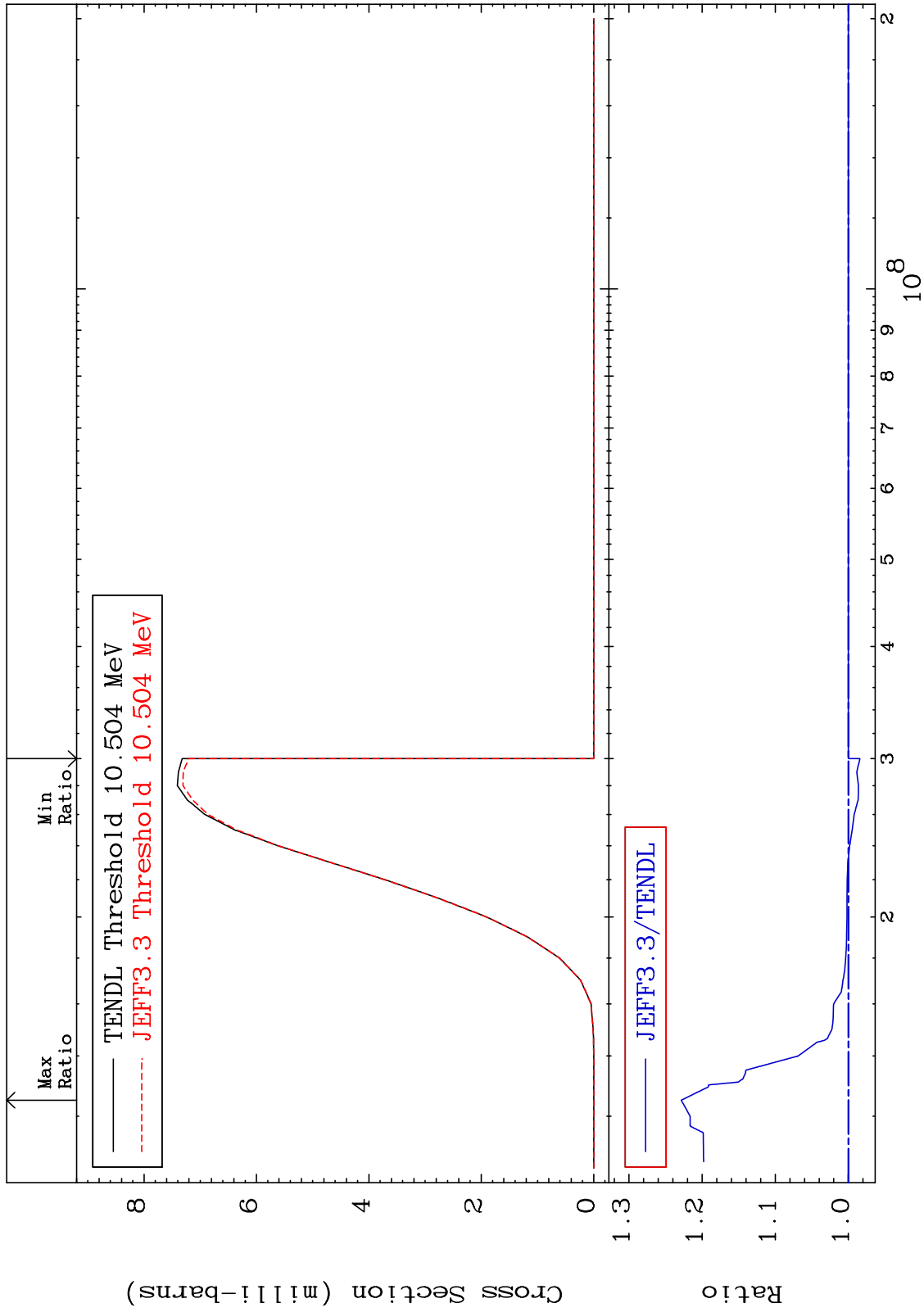
32-Ge-70

Cross Section

-9.220 To 11.98 %



MAT 3225 (n, t) Cross Section 32-Ge-70
-1.577 To 22.86 %



32-Ge-70

Incident Energy (eV)

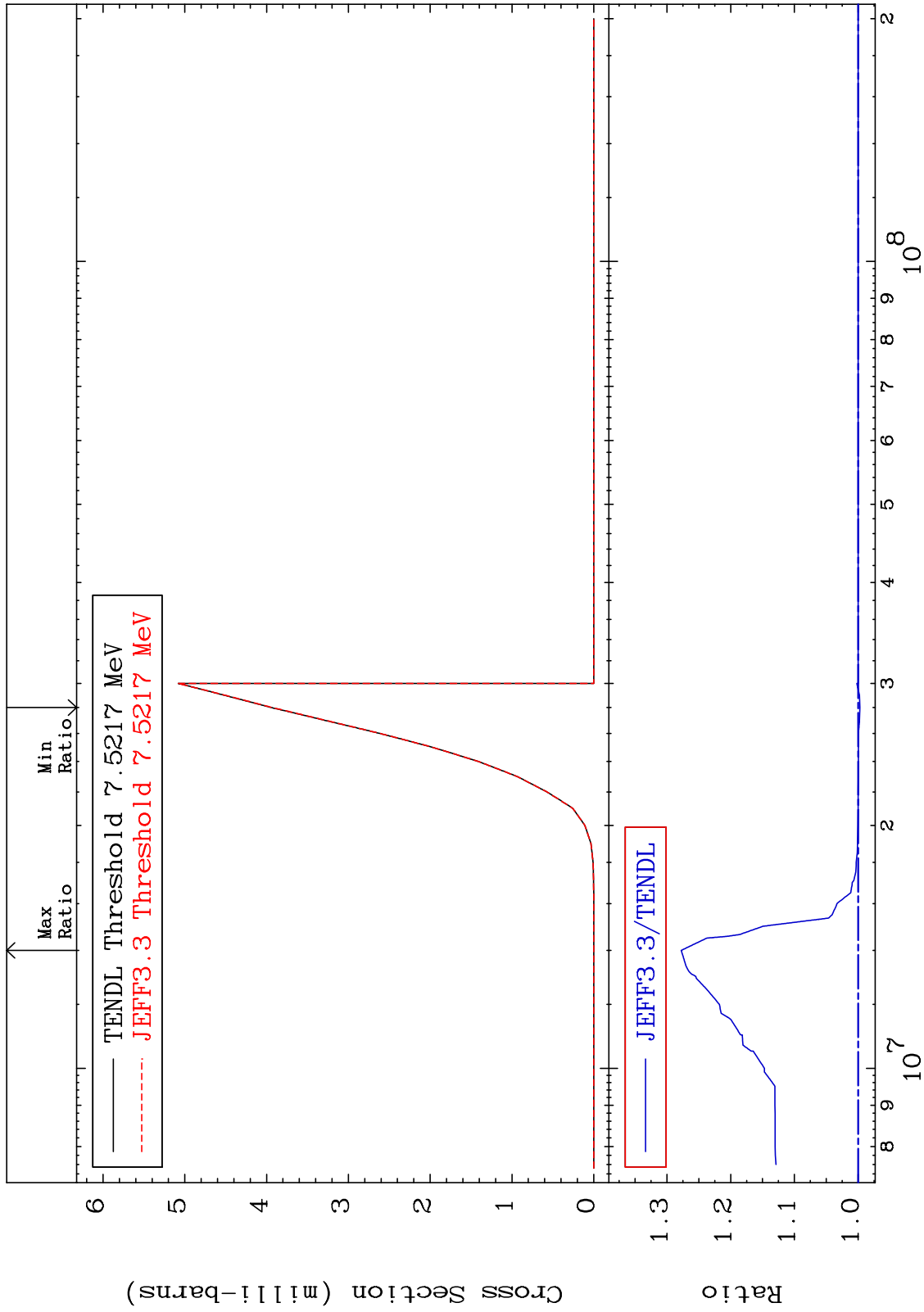
MAT 3225

(n, He-3)

³²Ge-70

Cross Section

-0.288 To 27.76 %



MAT 3225

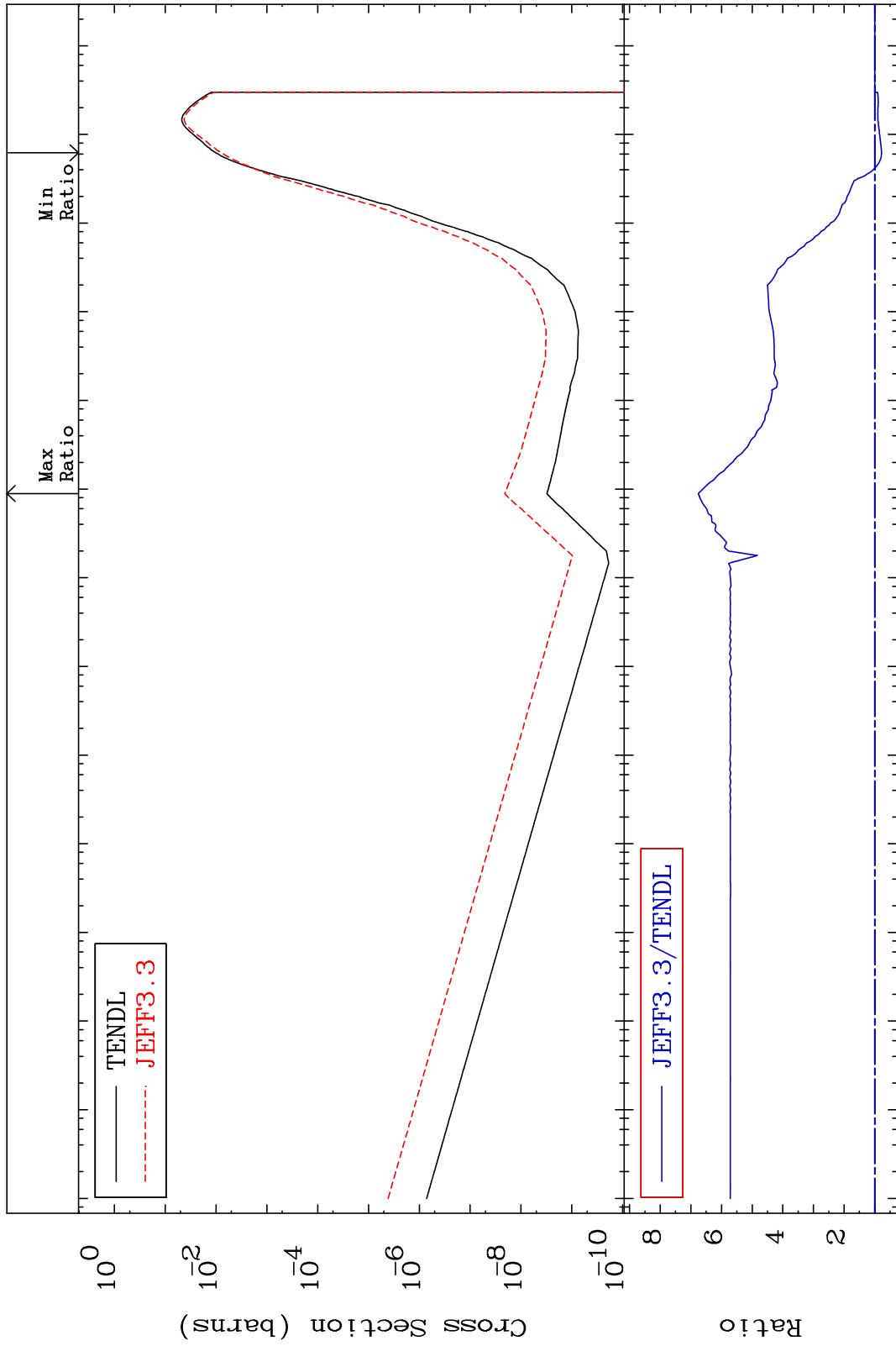
32-Ge-70

(n, α)

Cross Section

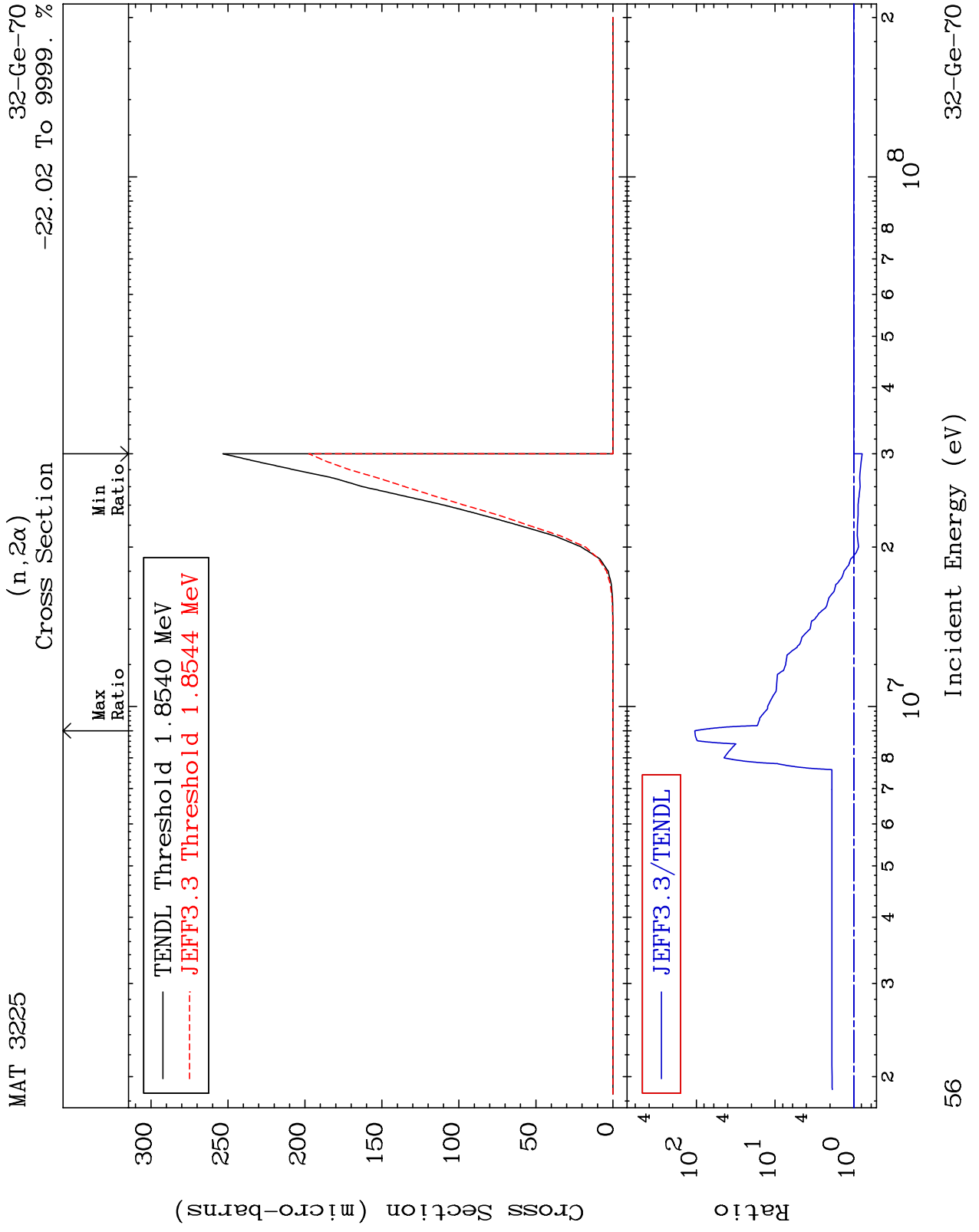
Cross Section

-22.15 To 575.5 %



Incident Energy (eV)

32-Ge-70



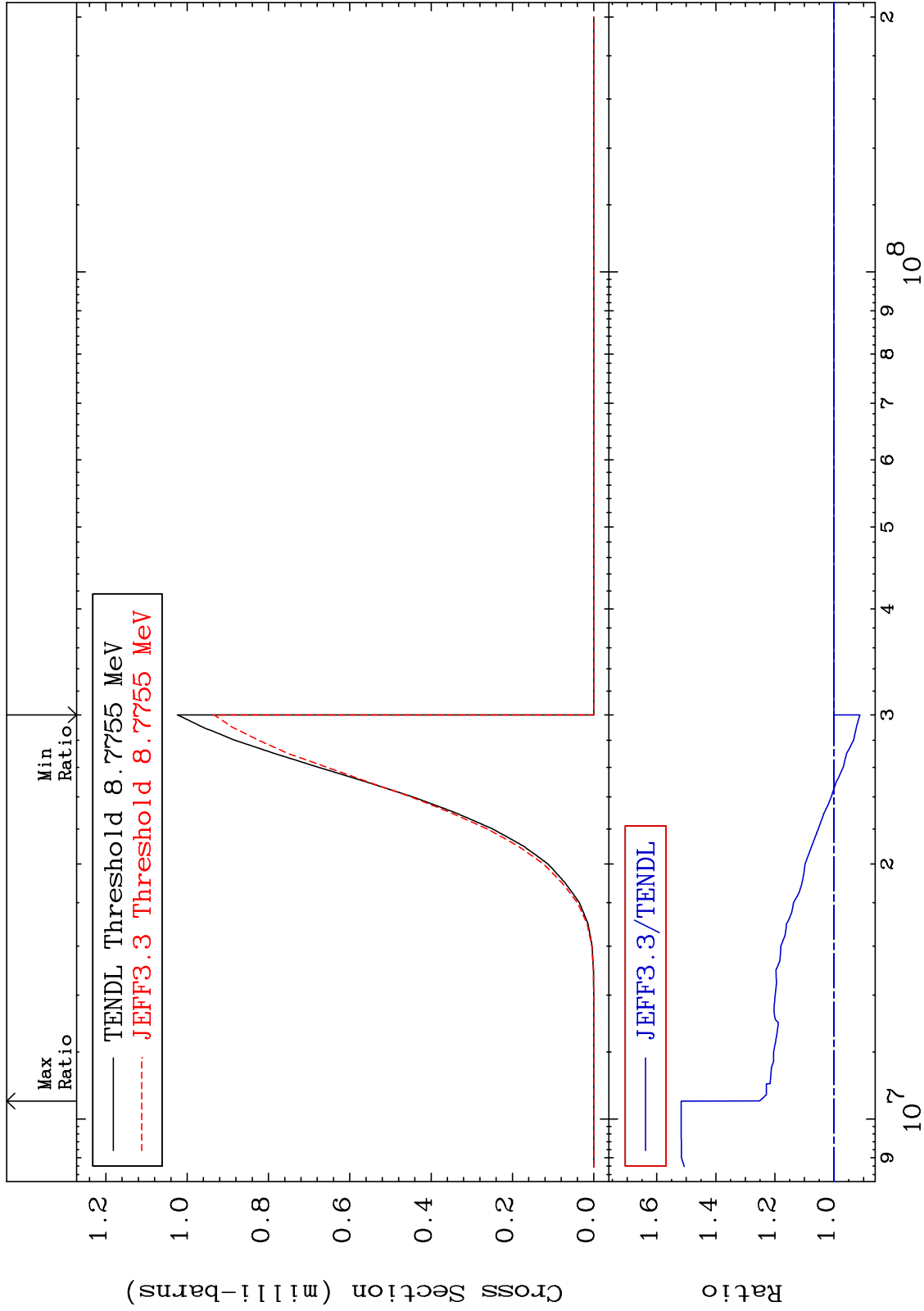
MAT 3225

(n,2p)

³²Ge-70

Cross Section

-8.783 To 51.71 %



57

Incident Energy (eV)

³²Ge-70

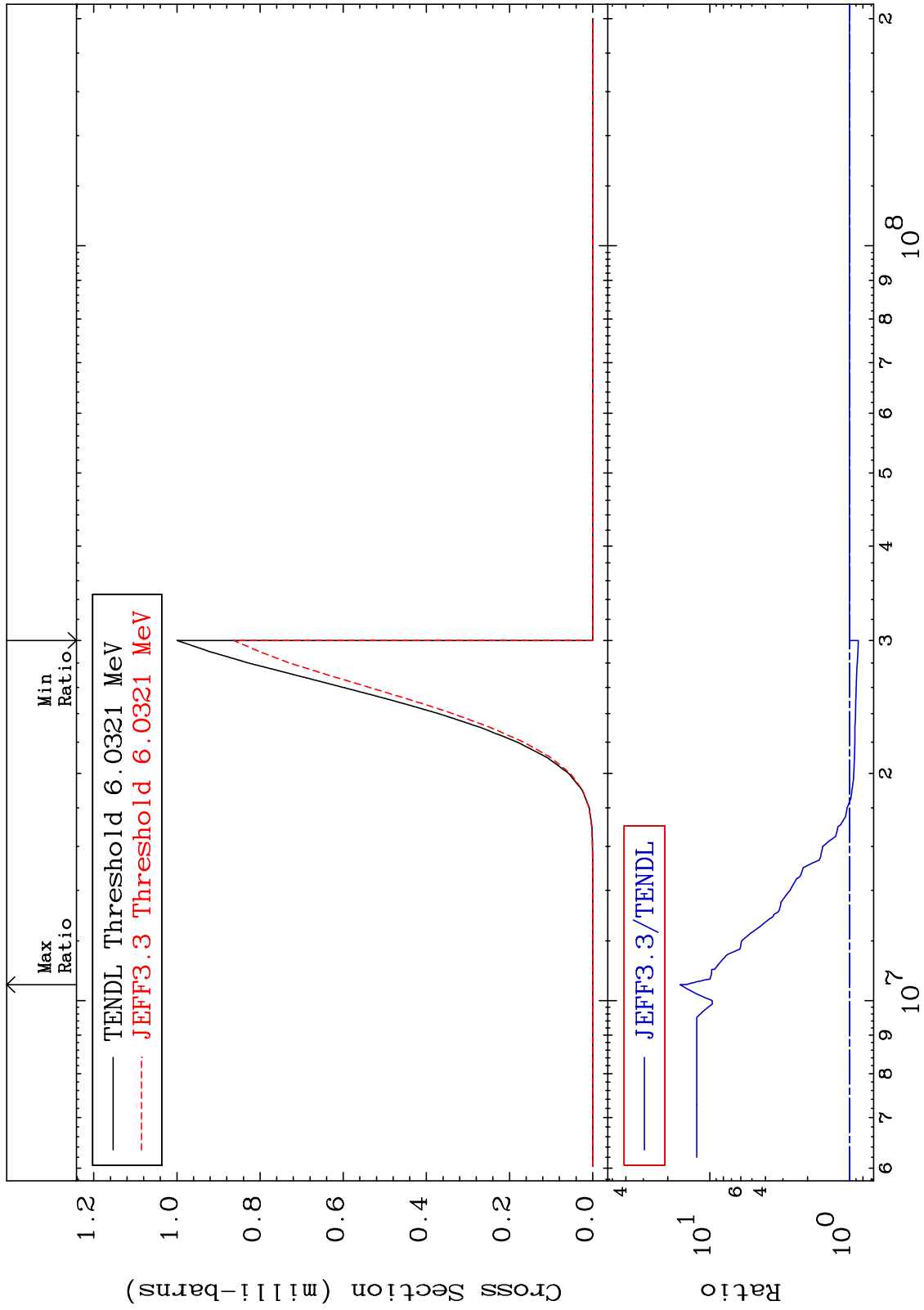
MAT 3225

(n,p) α

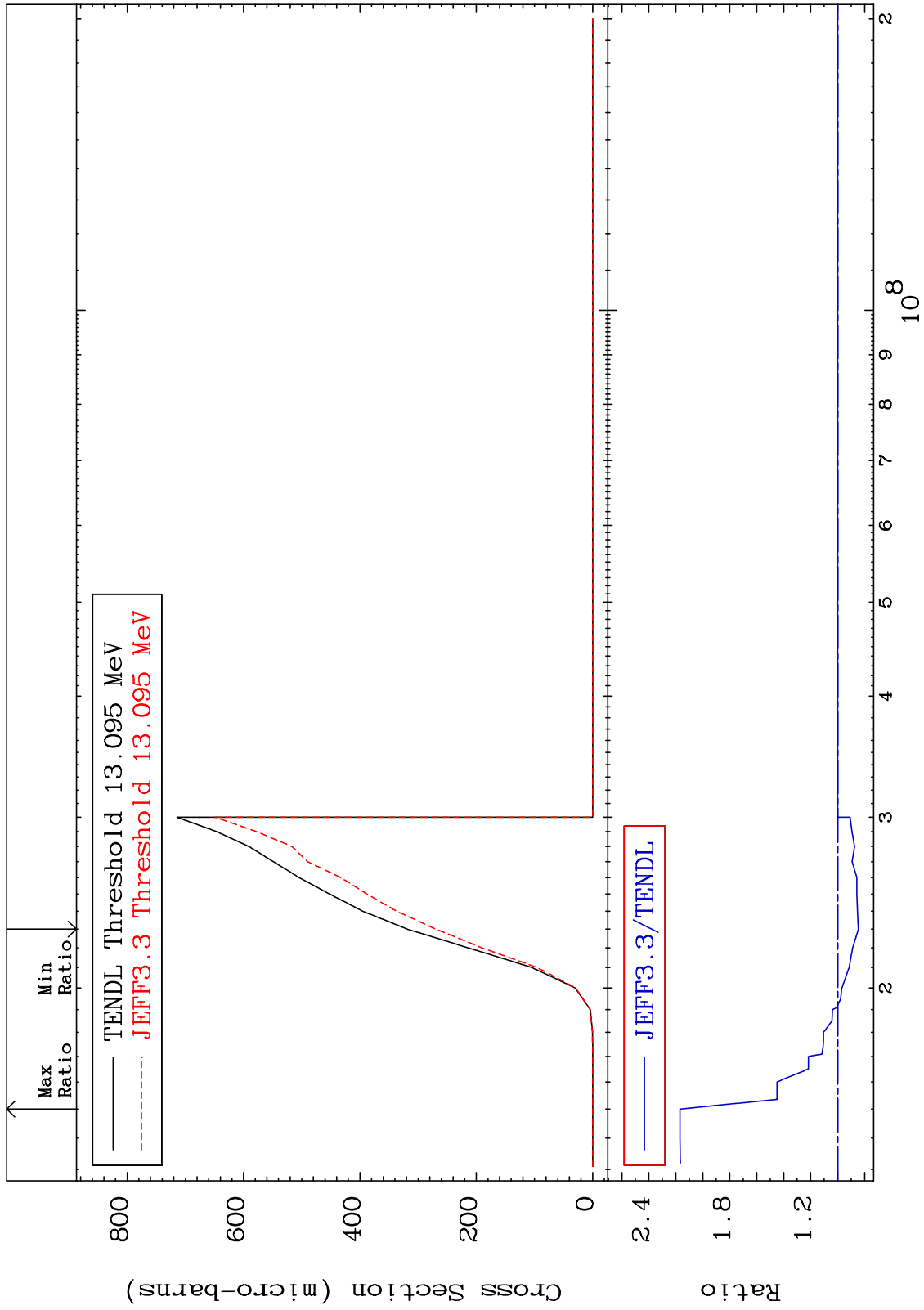
³²Ge-70

-13.64 To 1536. %

Cross Section



MAT 3225 (n,p) d 32-Ge-70
 Cross Section -15.40 To 116.9 %



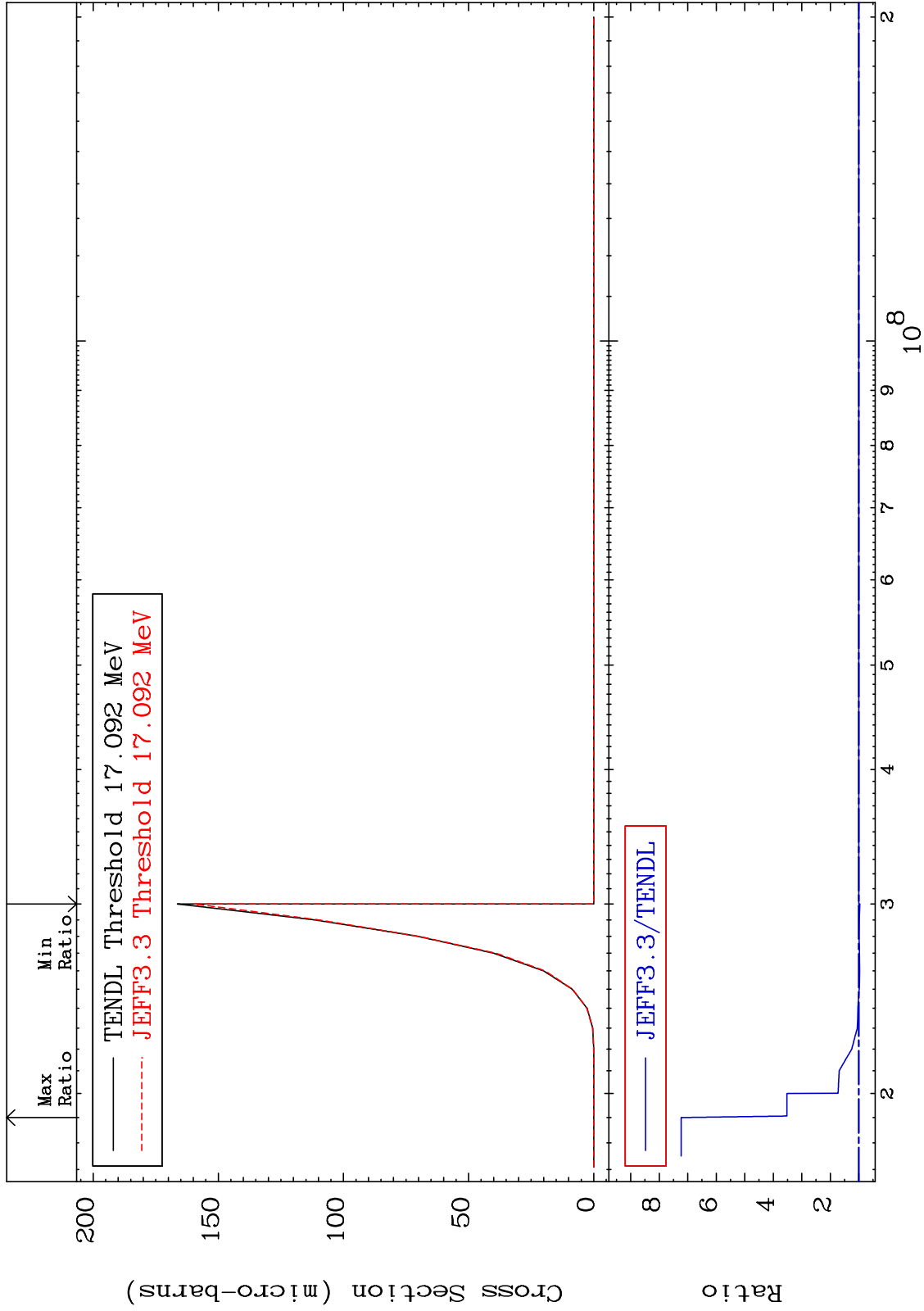
MAT 3225

(n,p) t

³²Ge-70

Cross Section

-3.899 To 622.8 %



60

Incident Energy (eV)

³²Ge-70

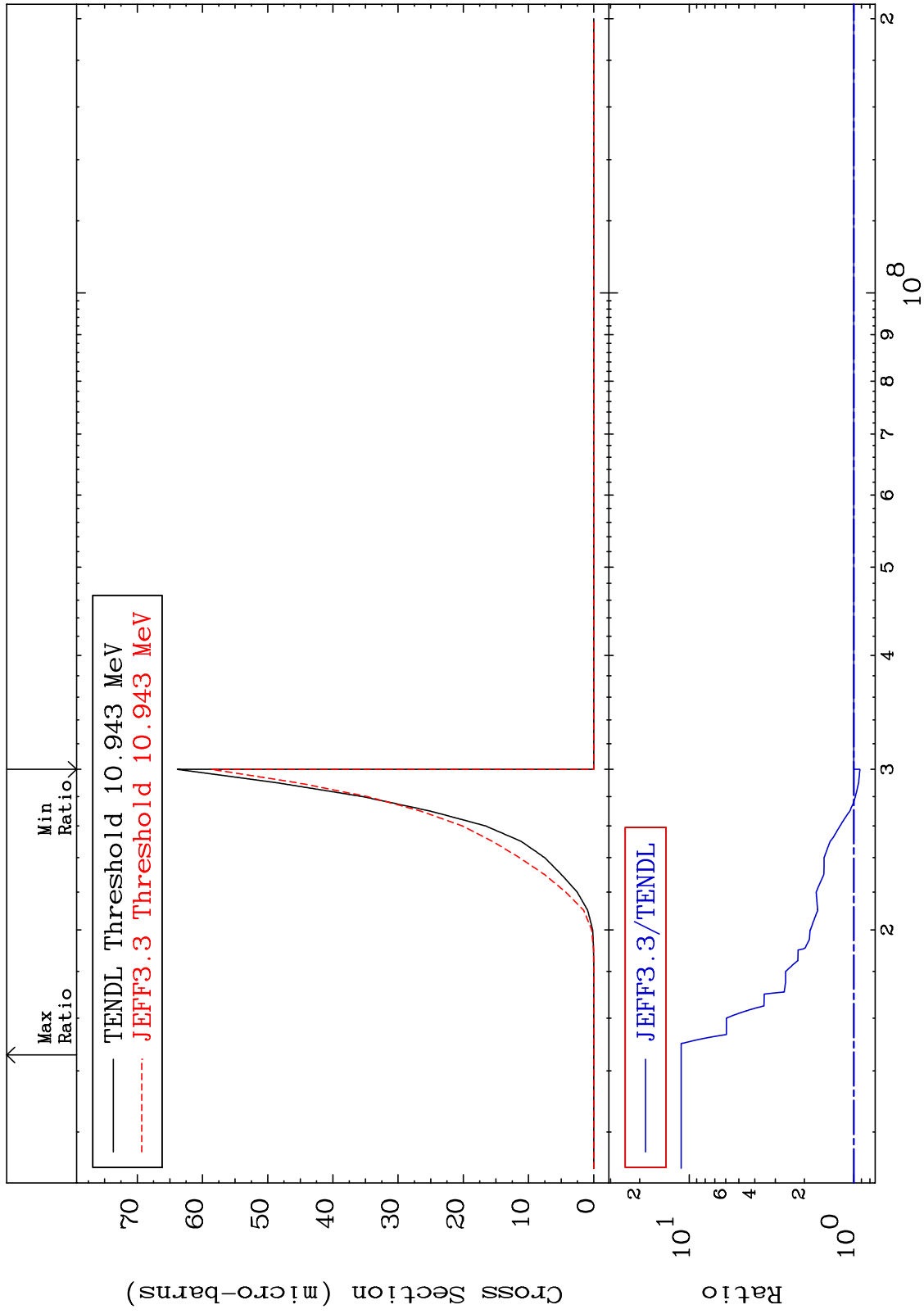
MAT 3225

(n,d) α

32-Ge-70

Cross Section

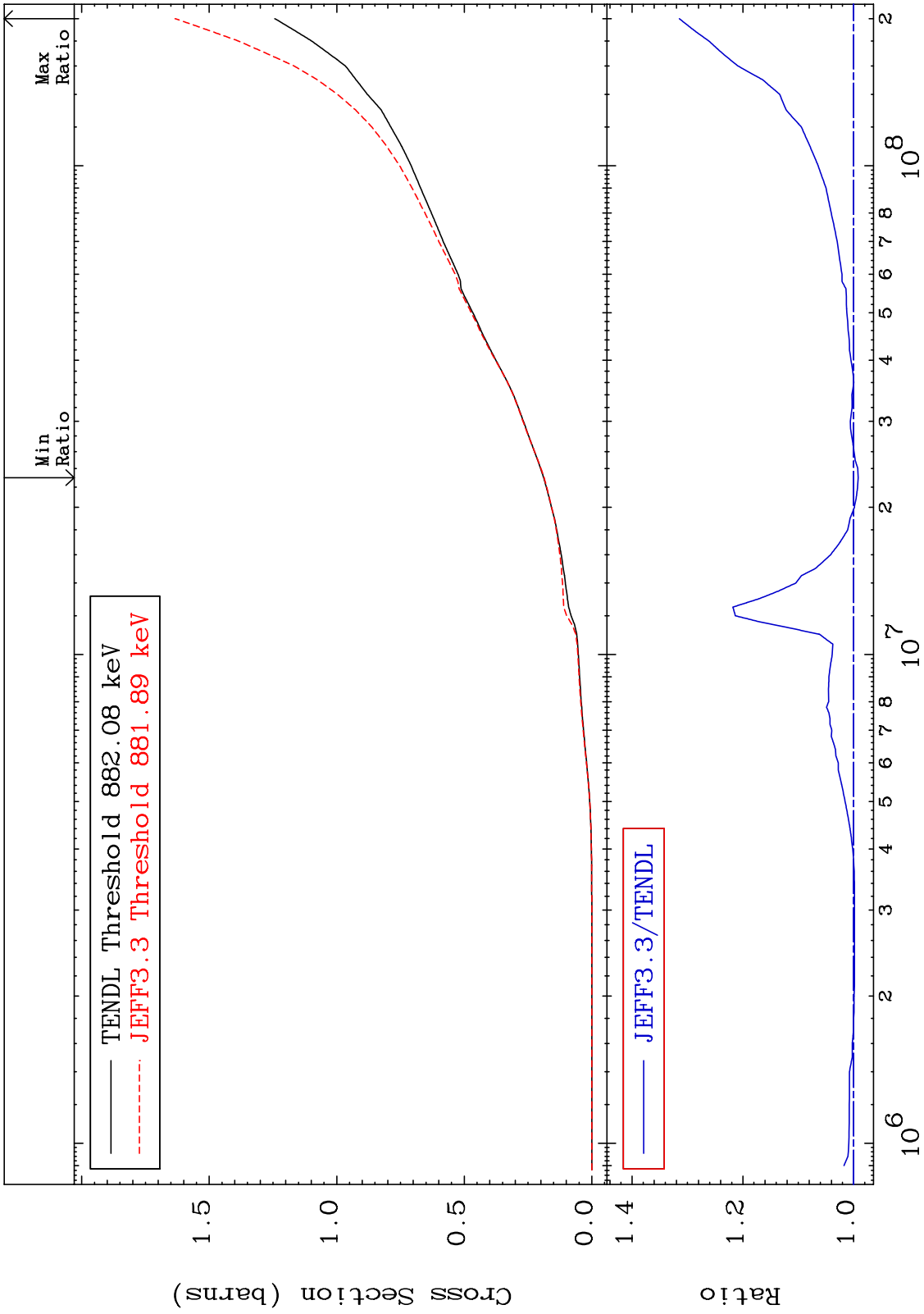
-8.123 To 1018. %



MAT 3225

Hydrogen Production
Cross Section

$^{32}\text{Ge-70}$
-0.834 To 31.46 %



62

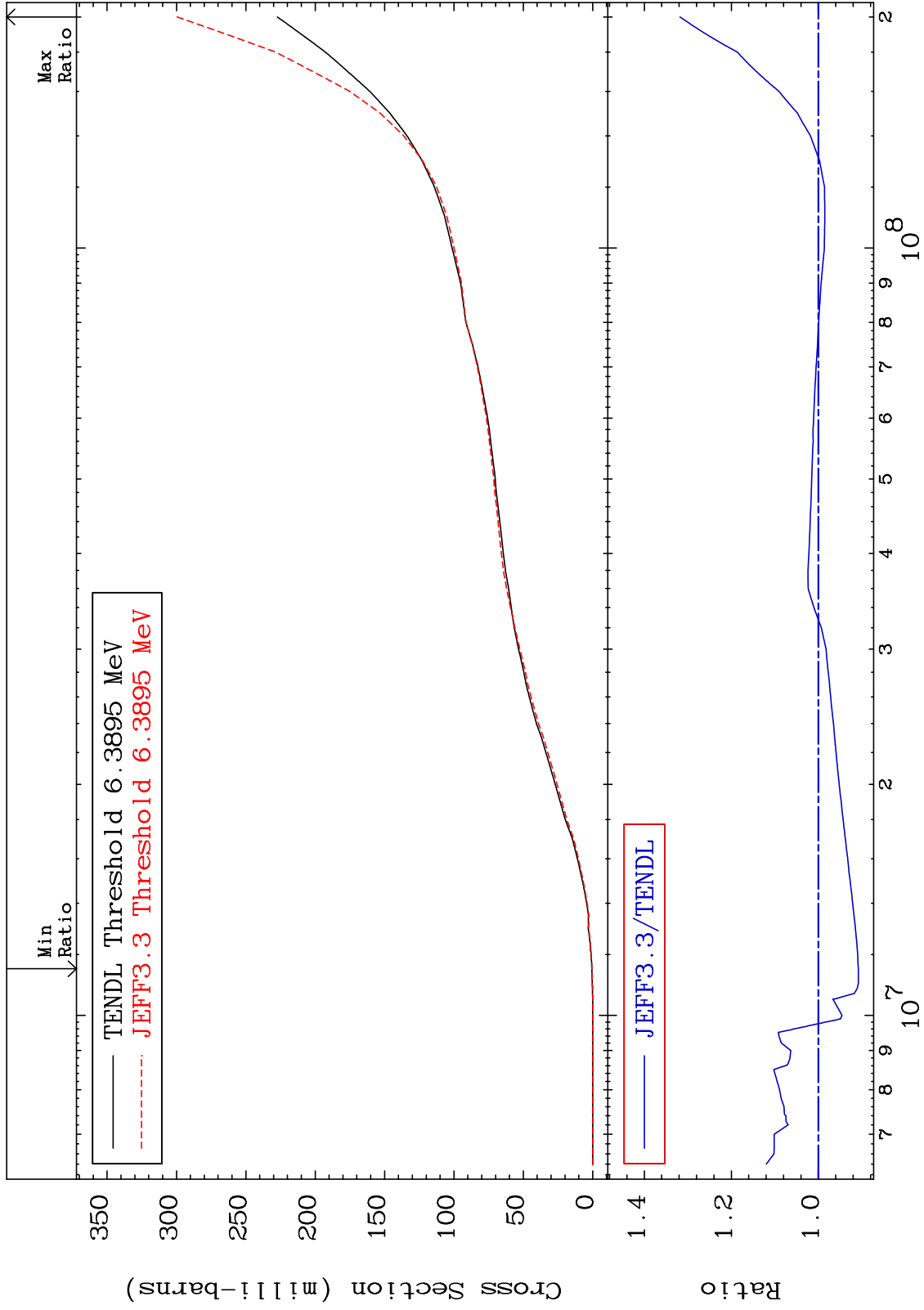
Incident Energy (eV)

$^{32}\text{Ge-70}$

MAT 3225

Deuterium Production
Cross Section

32-Ge-70
-9.220 To 31.80 %



63

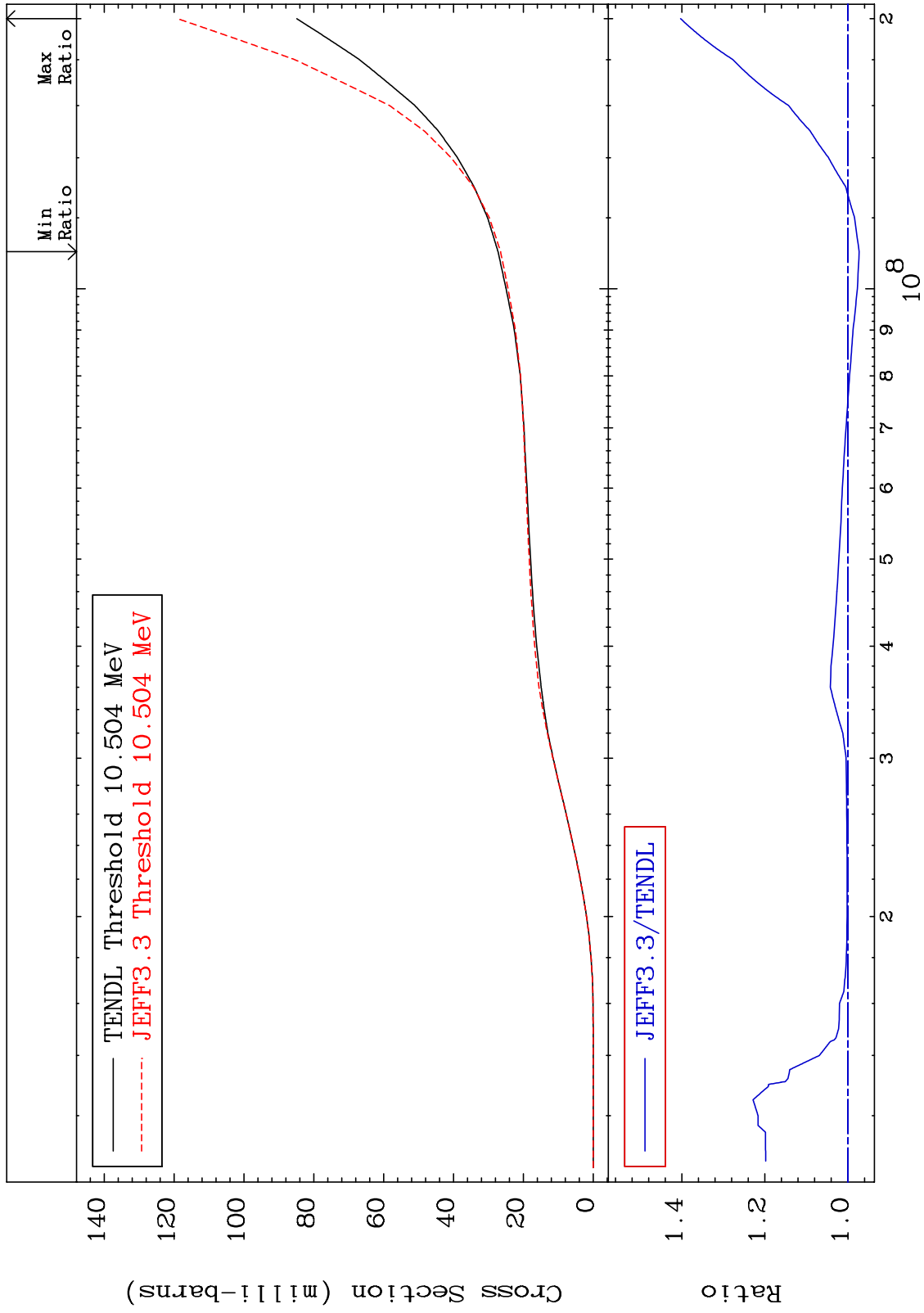
Incident Energy (eV)

32-Ge-70

MAT 3225

Tritium Production
Cross Section

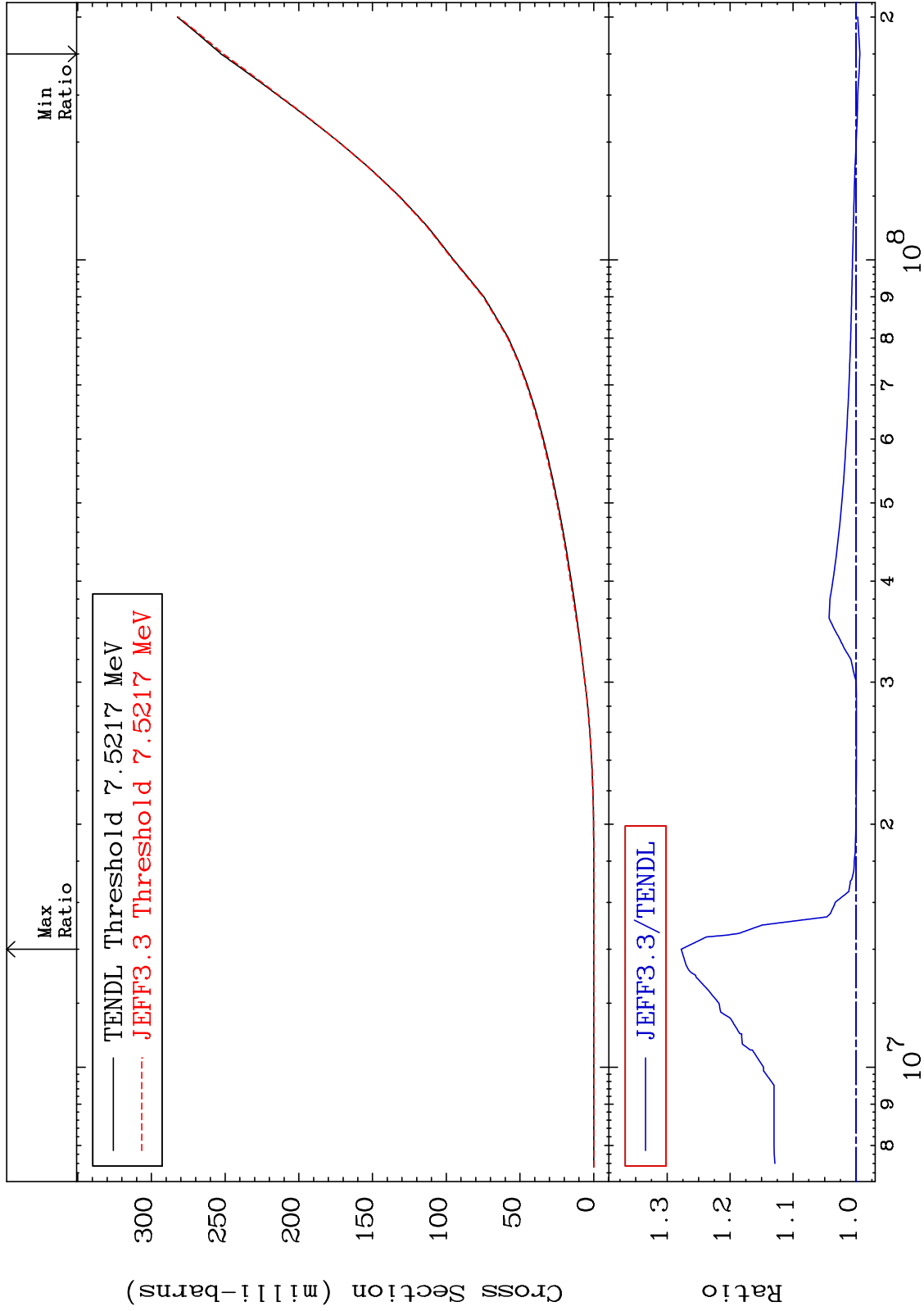
32-Ge-70
-2.719 To 40.30 %



MAT 3225

He-3 Production
Cross Section

32-Ge-70
-0.608 To 27.76 %



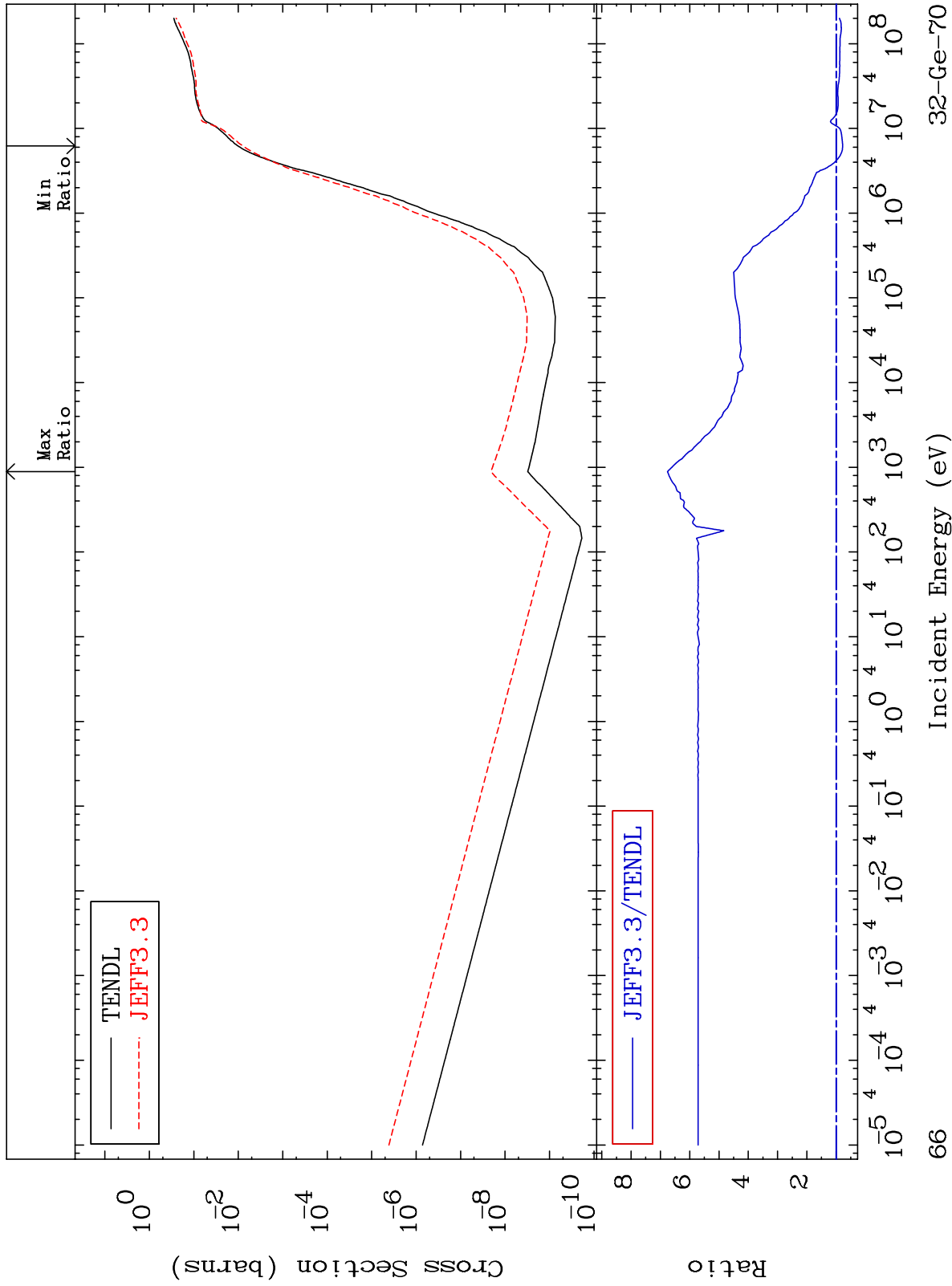
65

32-Ge-70

MAT 3225

He-4 Production
Cross Section

32-Ge-70
-22.15 To 575.5 %



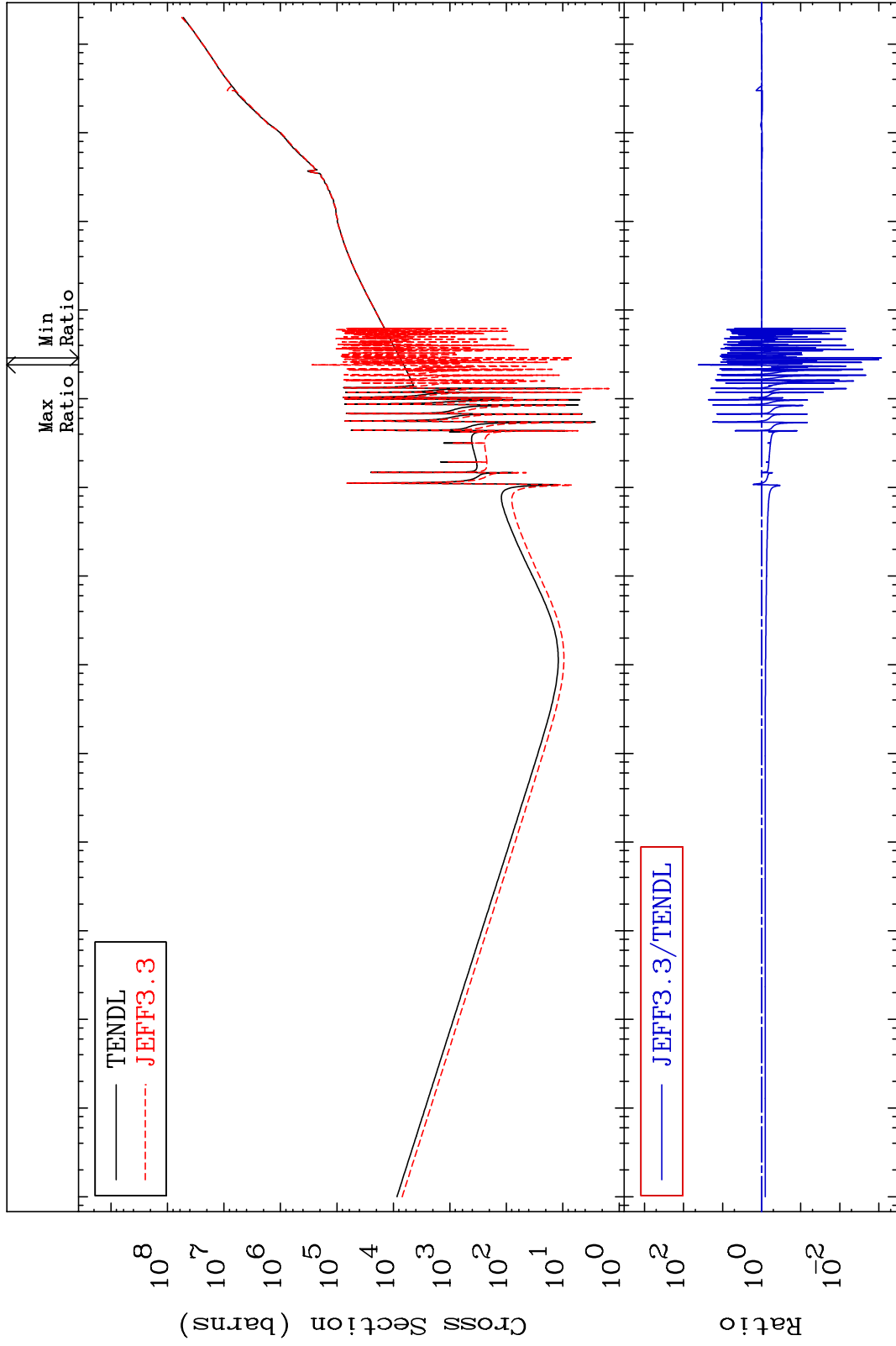
66

32-Ge-70

MAT 3225

Kerma total (eV-barns)
Cross Section

32-Ge-70
-99.91 To 4078. %



67

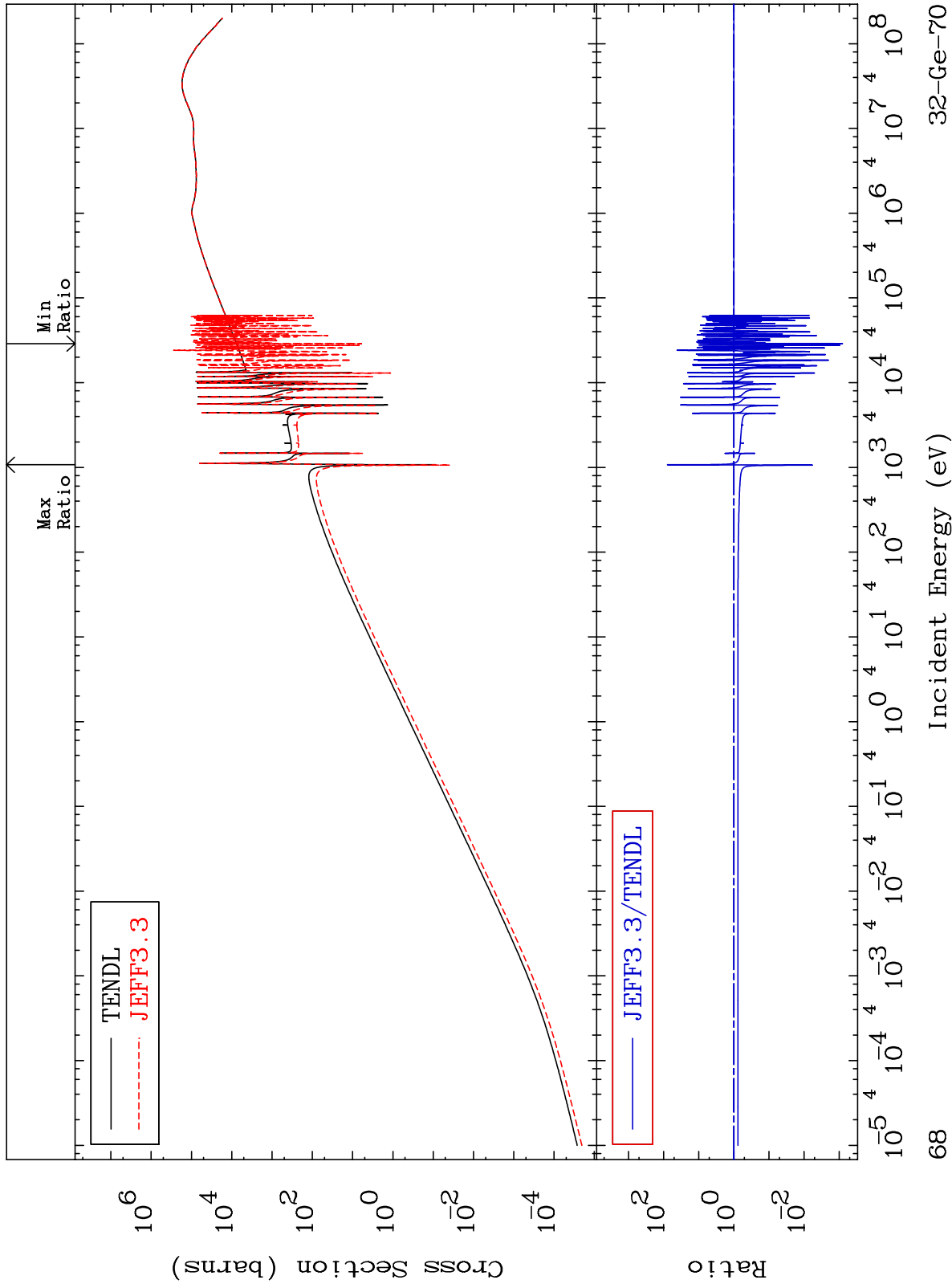
Incident Energy (eV)

32-Ge-70

MAT 3225

Kerma elastic
Cross Section

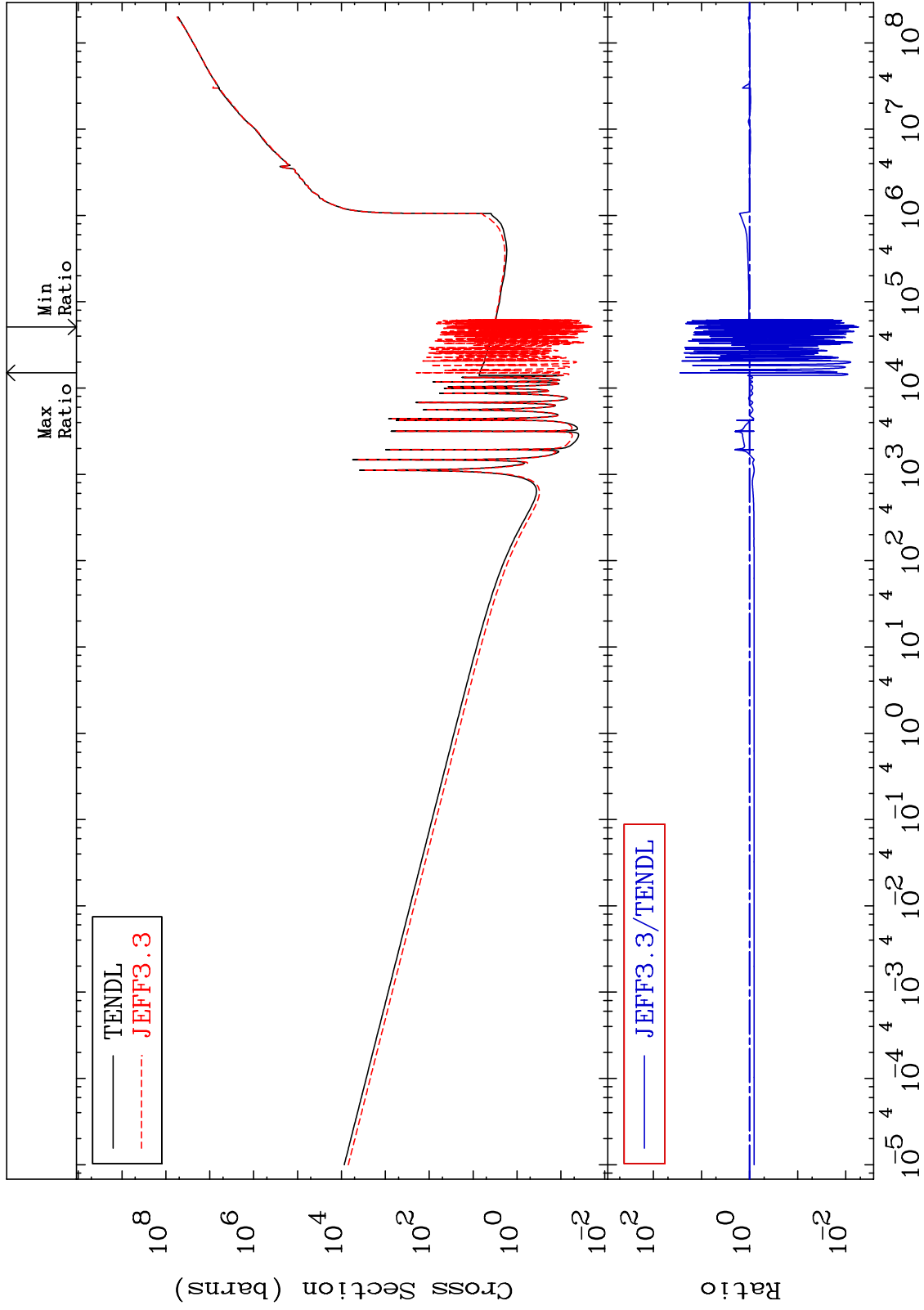
32-Ge-70
-99.92 To 7637. %



MAT 3225

Kerma non-elastic (all but mt2)
Cross Section

32-Ge-70
-99.45 To 2700. %



69

Incident Energy (eV)

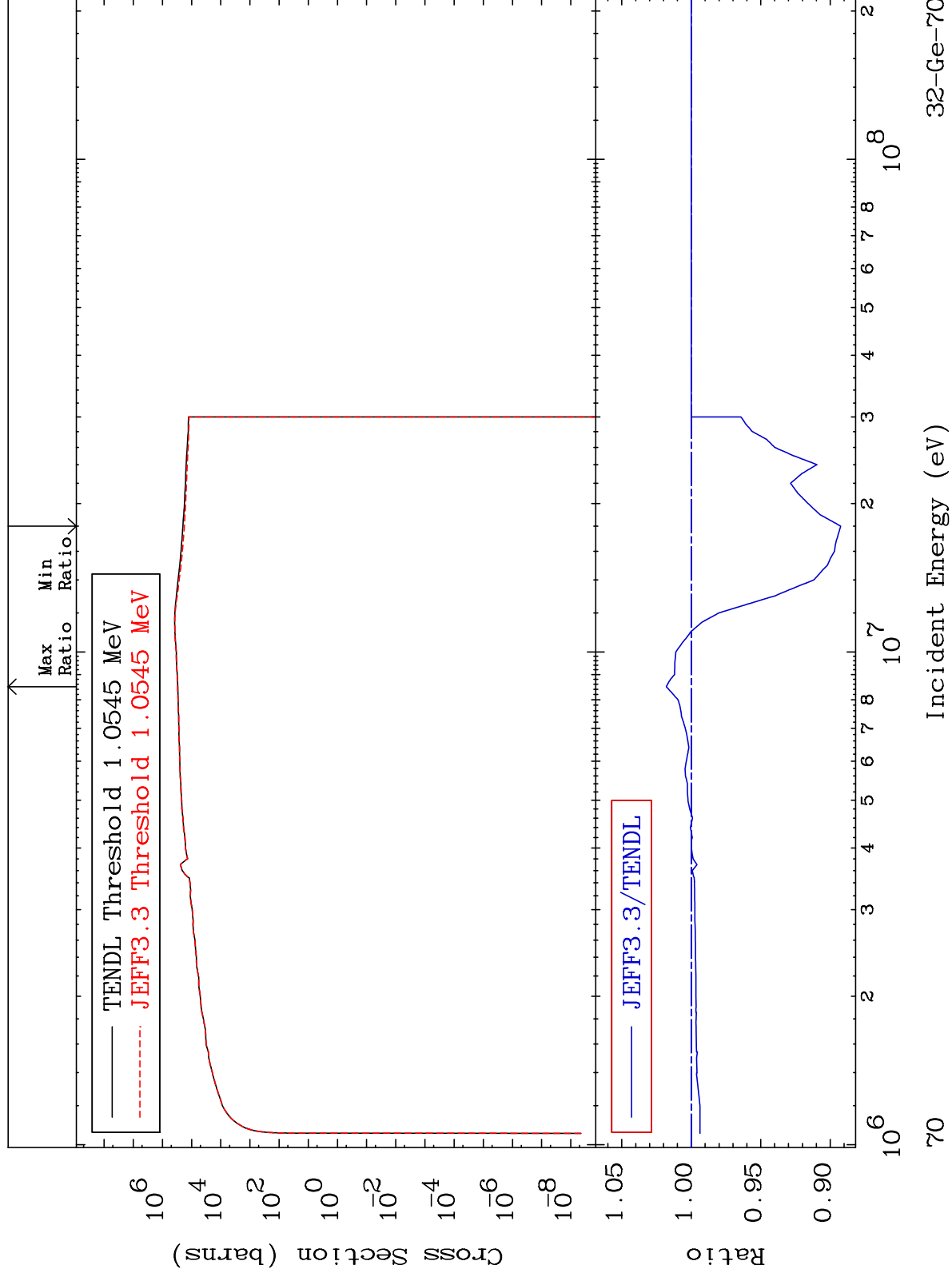
32-Ge-70

MAT 3225

Kerma inelastic (mt51-91)

³²Ge-70

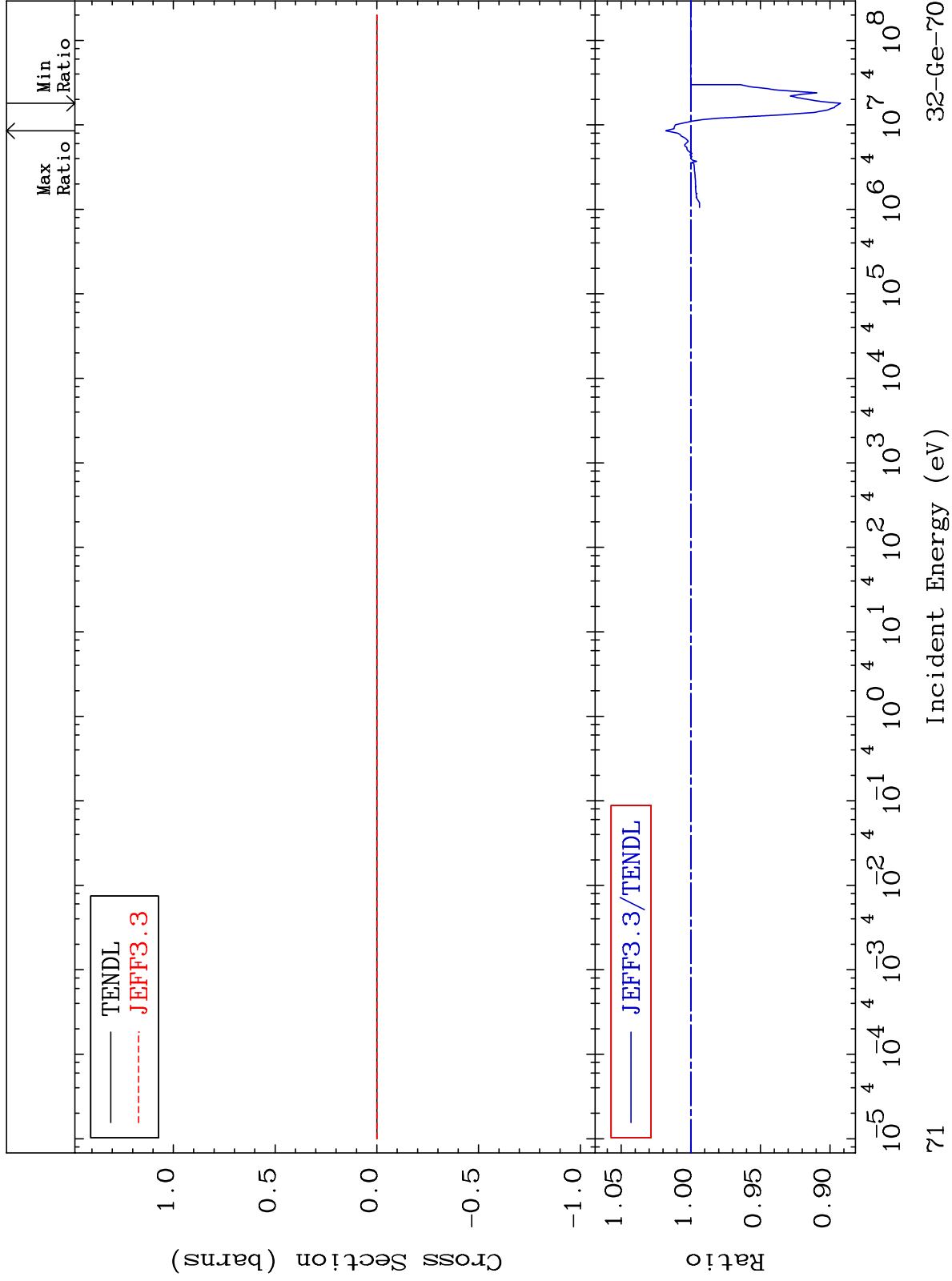
-10.75 To 1.794 %



MAT 3225

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

32-Ge-70
-10.75 To 1.794 %



71

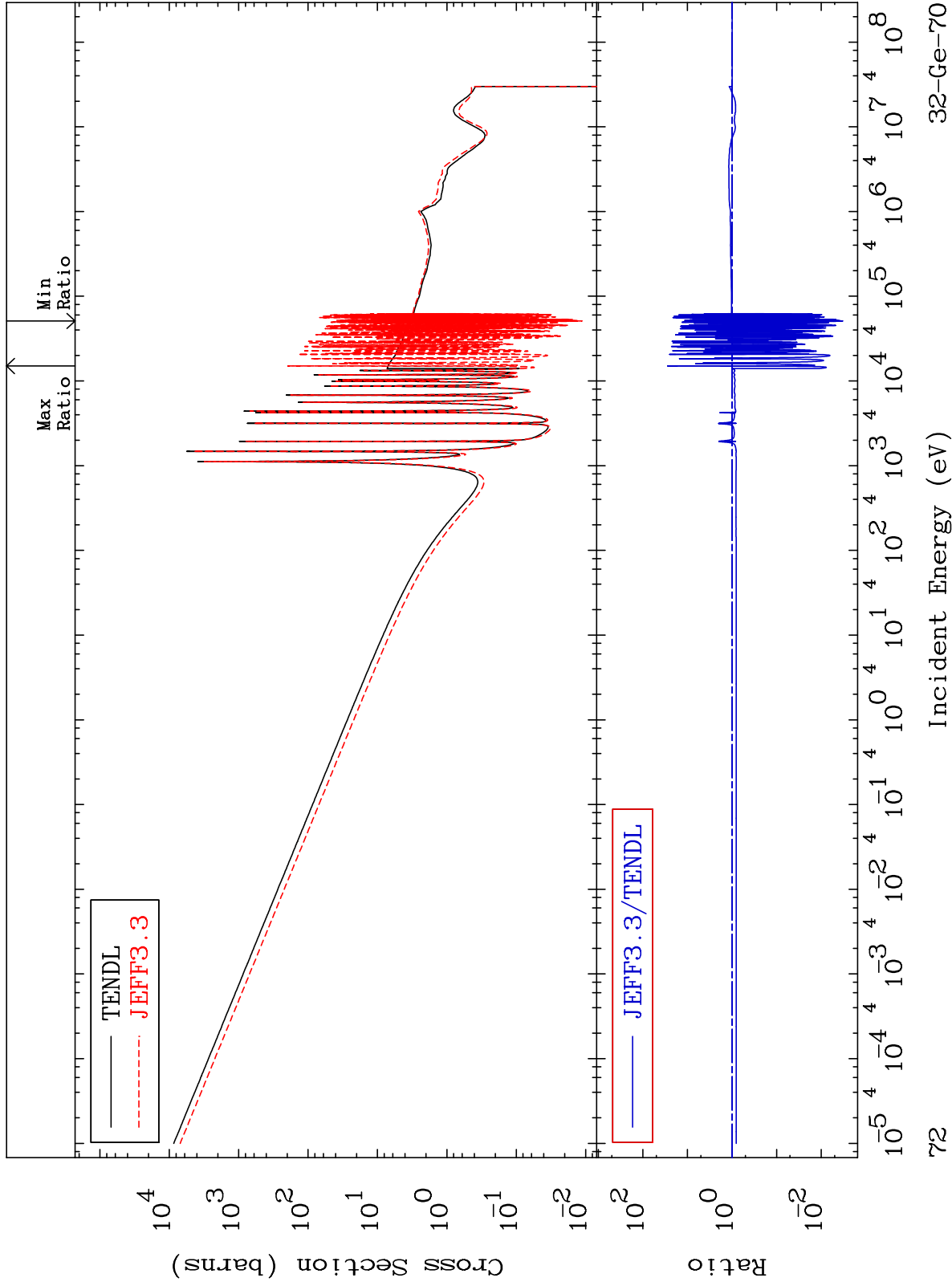
Incident Energy (eV)

32-Ge-70

MAT 3225

Kerma capture (mt102)
Cross Section

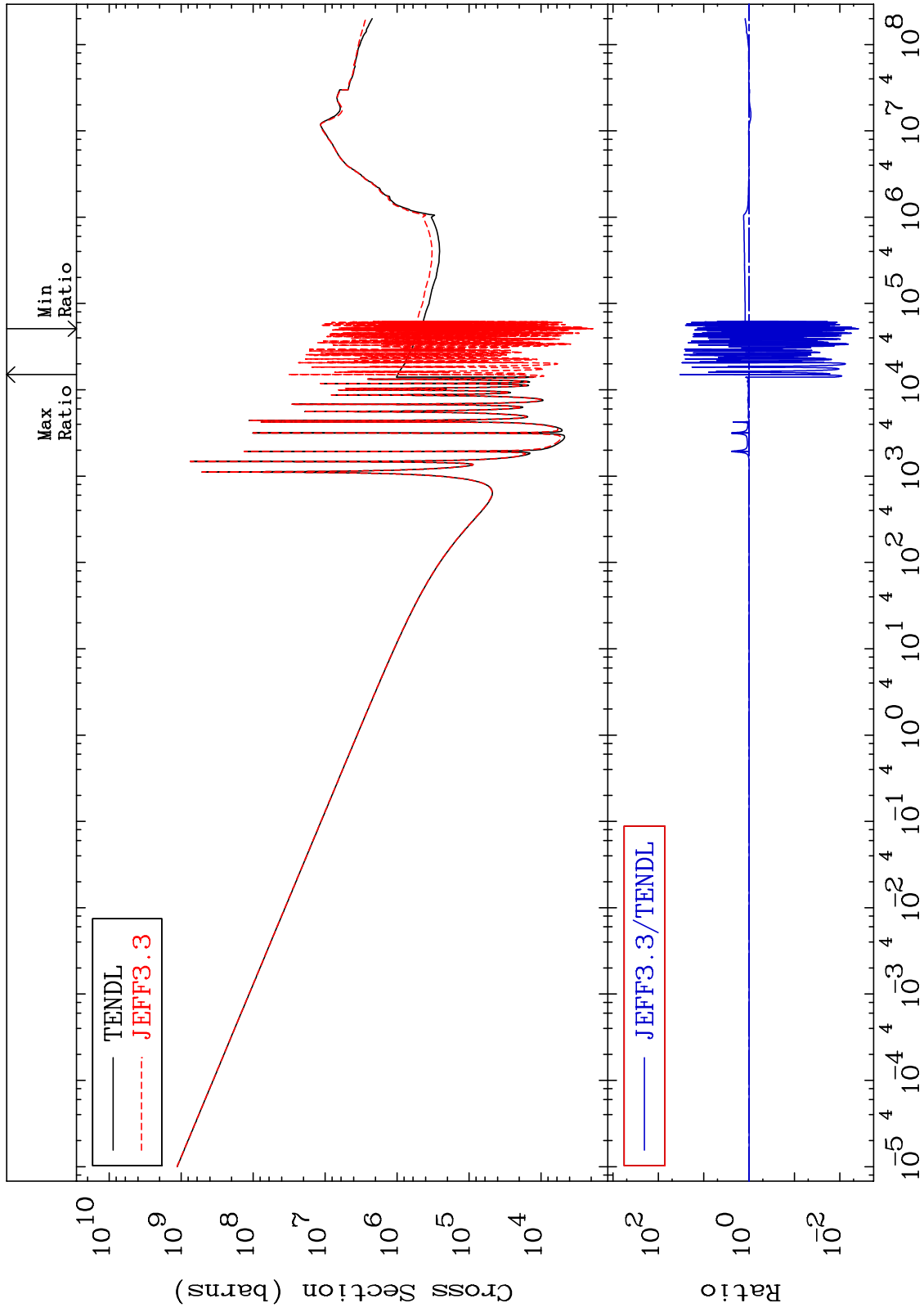
32-Ge-70
-99.67 To 2701. %



MAT 3225

Total photon (eV-barns)
Cross Section

32-Ge-70
-99.61 To 3231. %



73

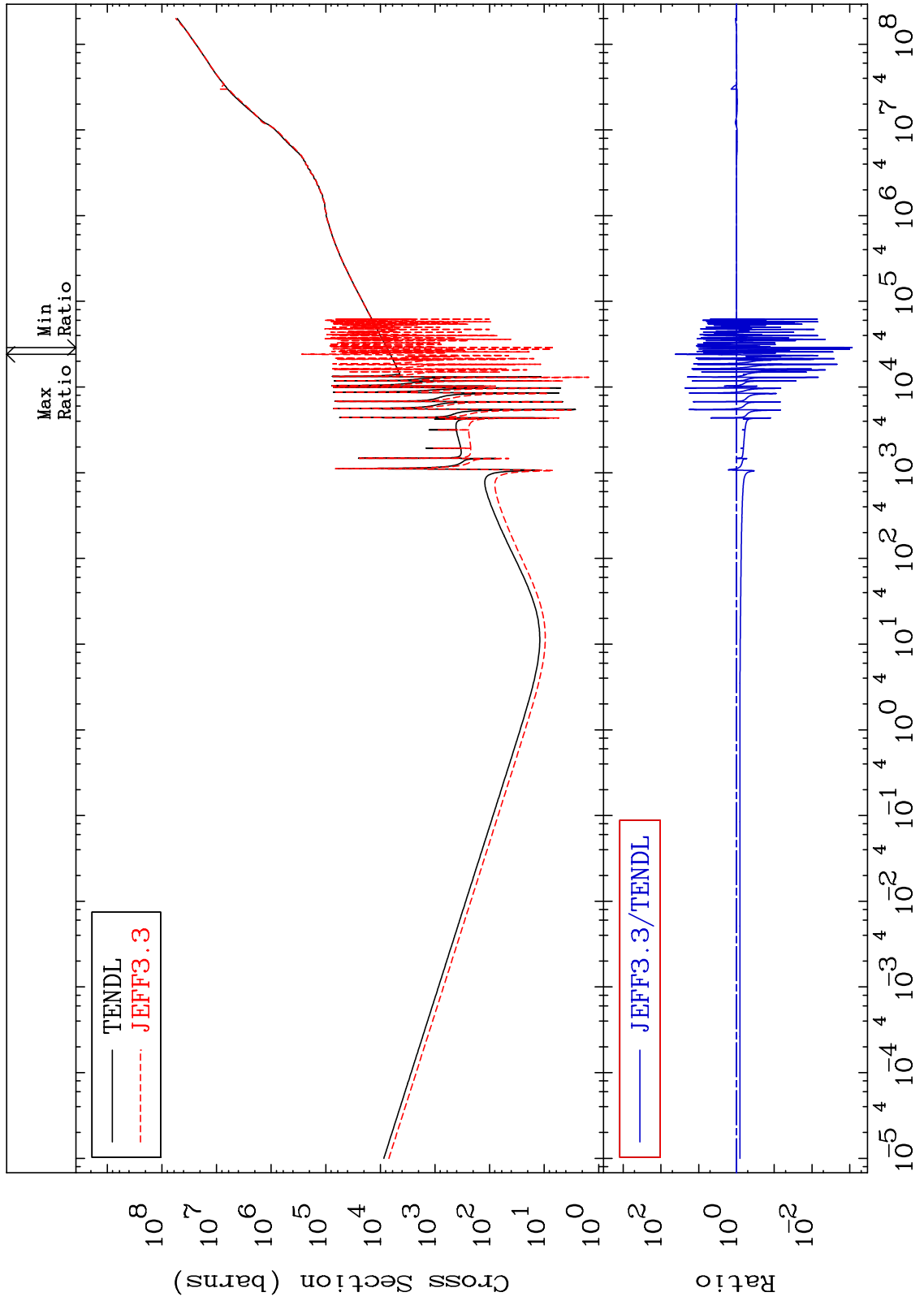
Incident Energy (eV)

32-Ge-70

MAT 3225

Total kinematic kerma (high limit)
Cross Section

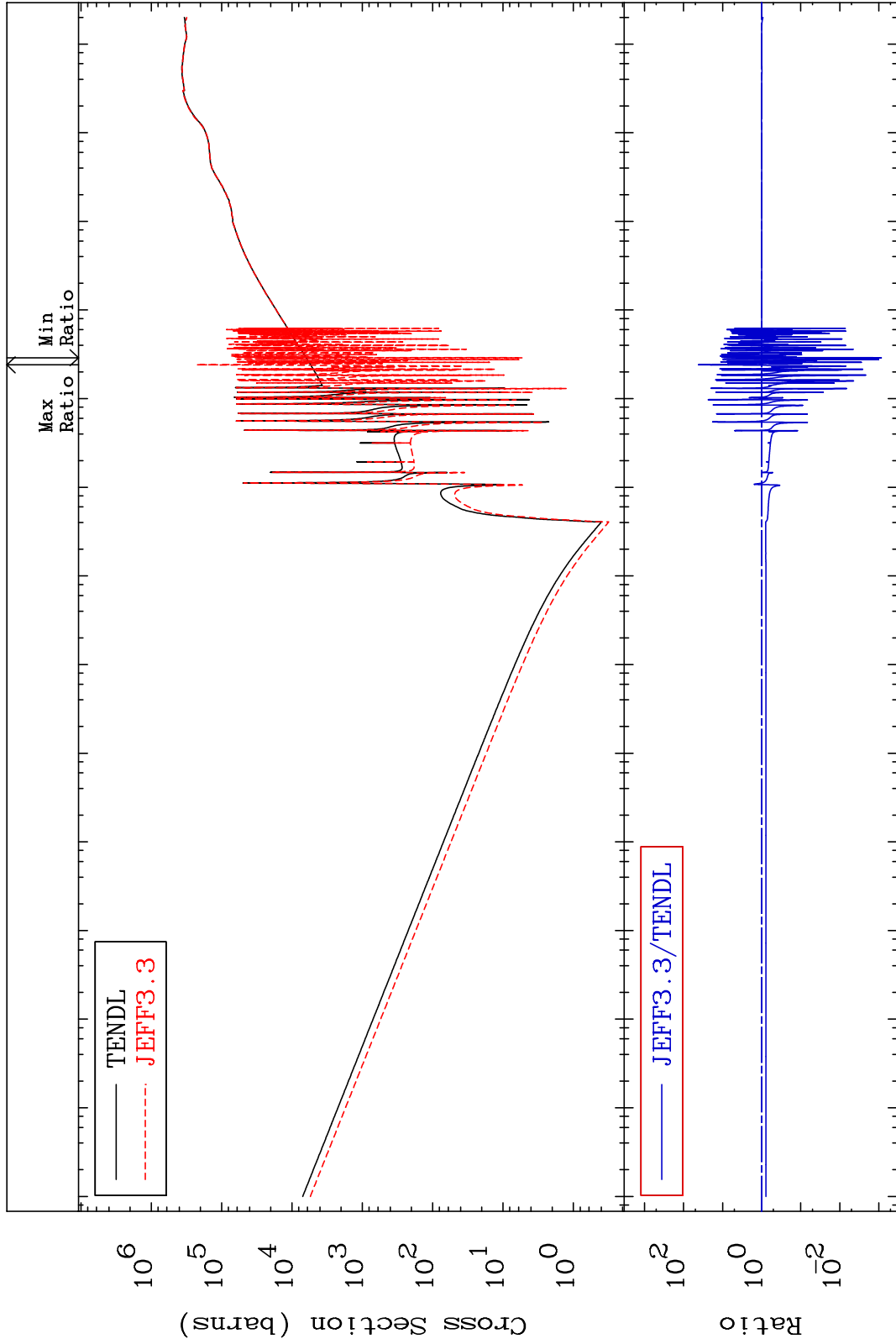
32-Ge-70
-99.91 To 4078. %



MAT 3225

Dpa total (eV-barns)
Cross Section

32-Ge-70
-99.92 To 4080. %



— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

75

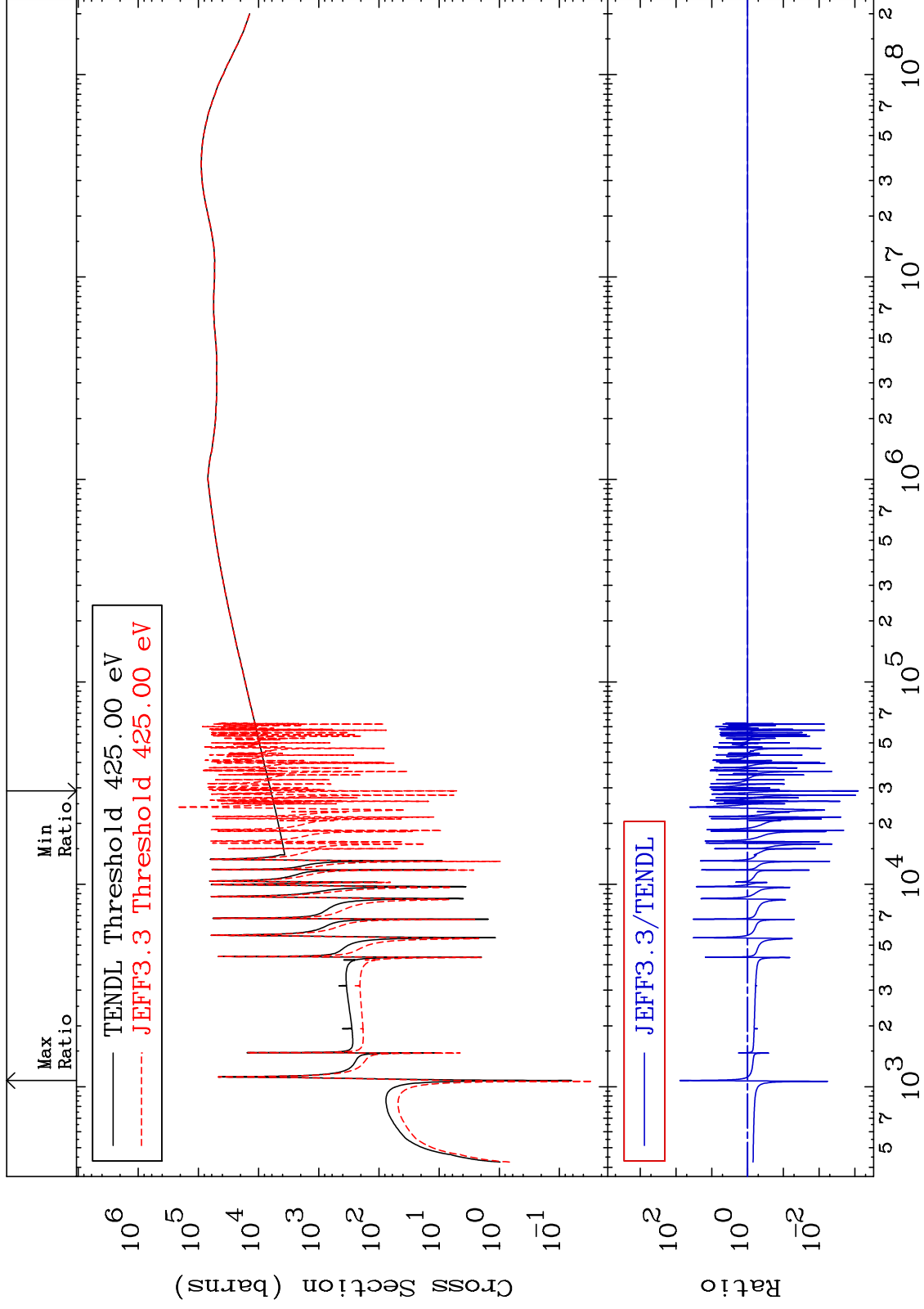
Incident Energy (eV)

32-Ge-70

MAT 3225

Dpa elastic (mt2)
Cross Section

32-Ge-70
-99.92 To 7637. %



76

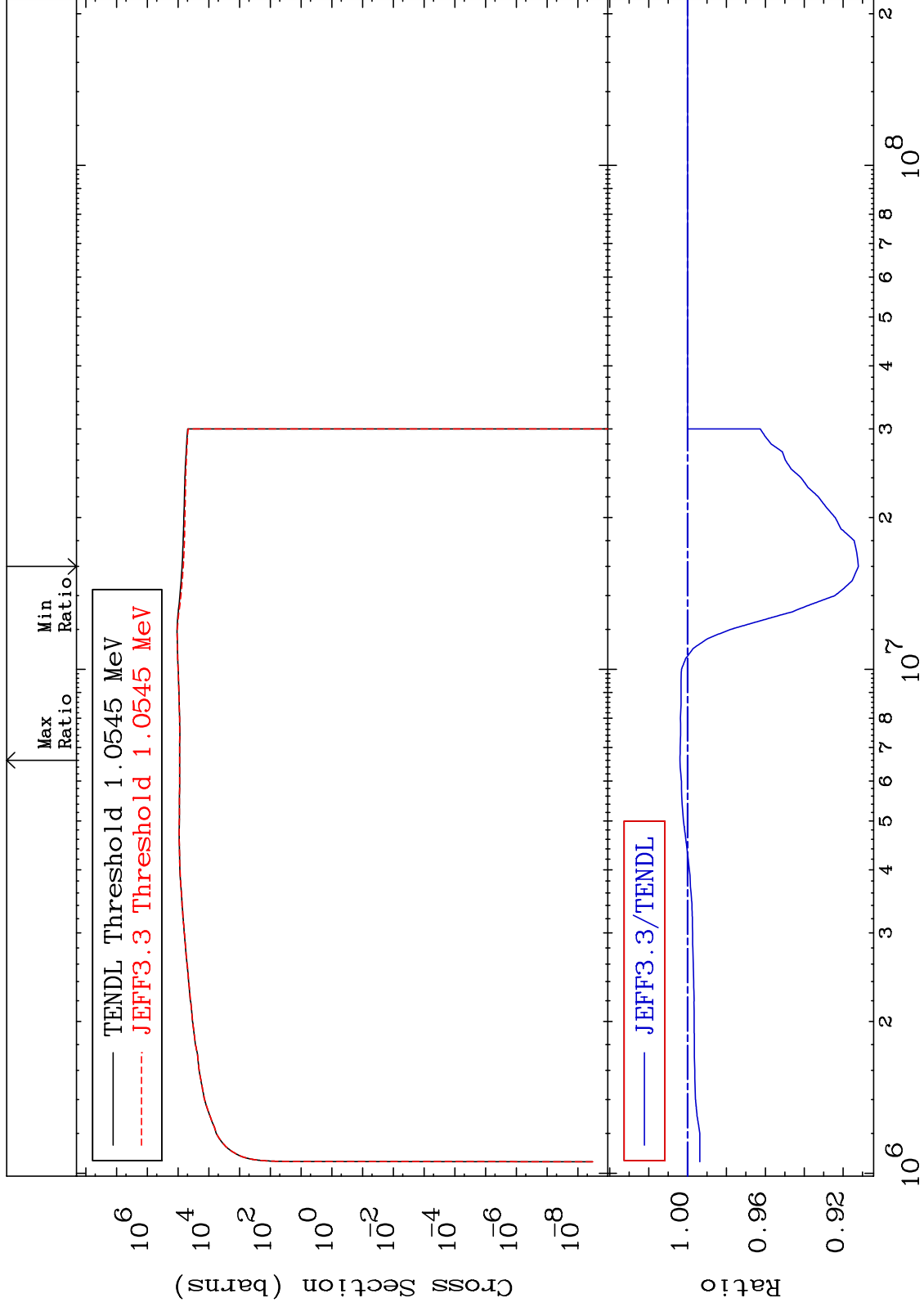
Incident Energy (eV)

32-Ge-70

MAT 3225

Dpa inelastic (mt51-91)
Cross Section

32-Ge-70
-8.785 To 0.388 %



77

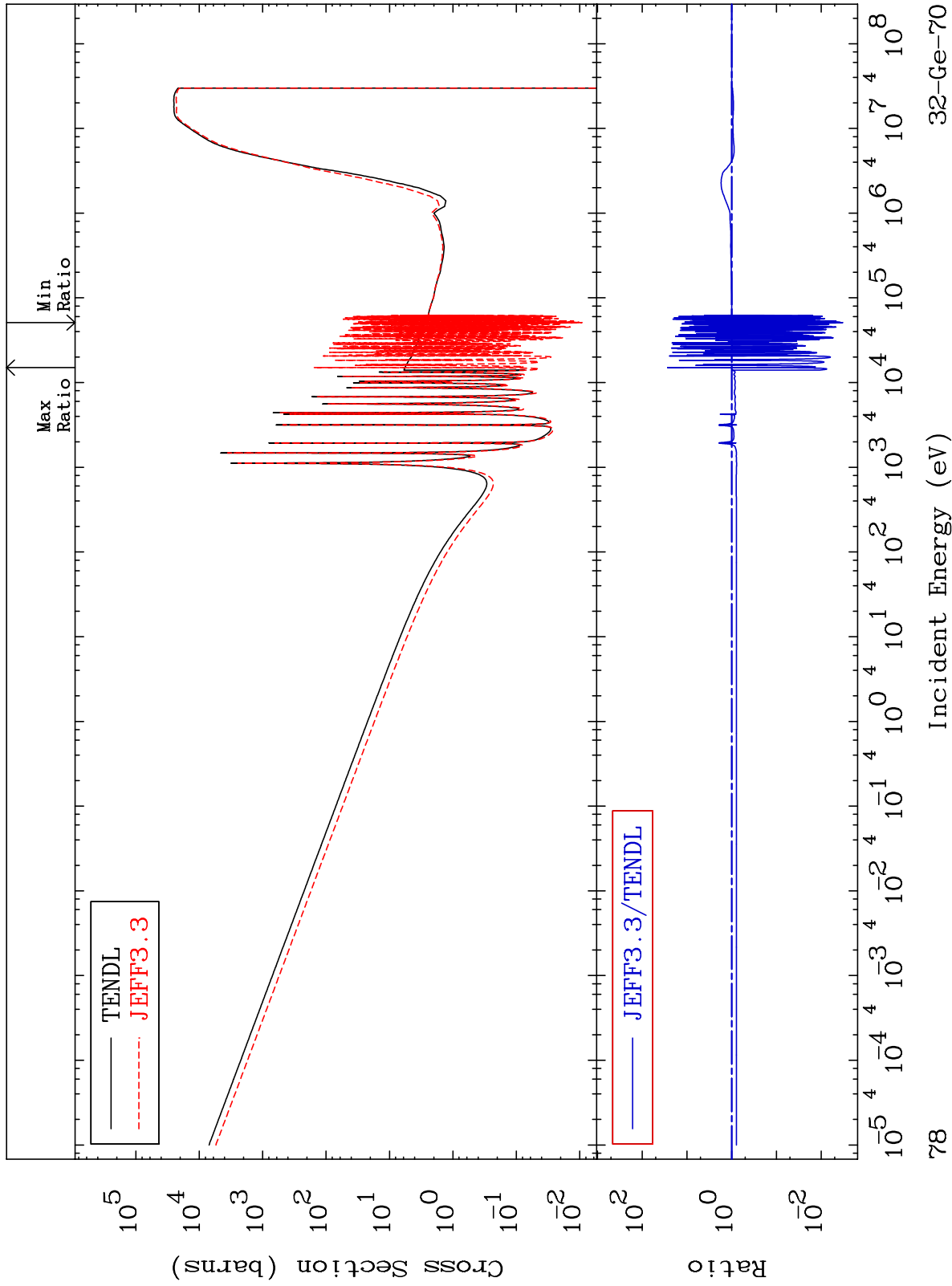
Incident Energy (eV)

32-Ge-70

MAT 3225

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-70
-99.67 To 2609. %

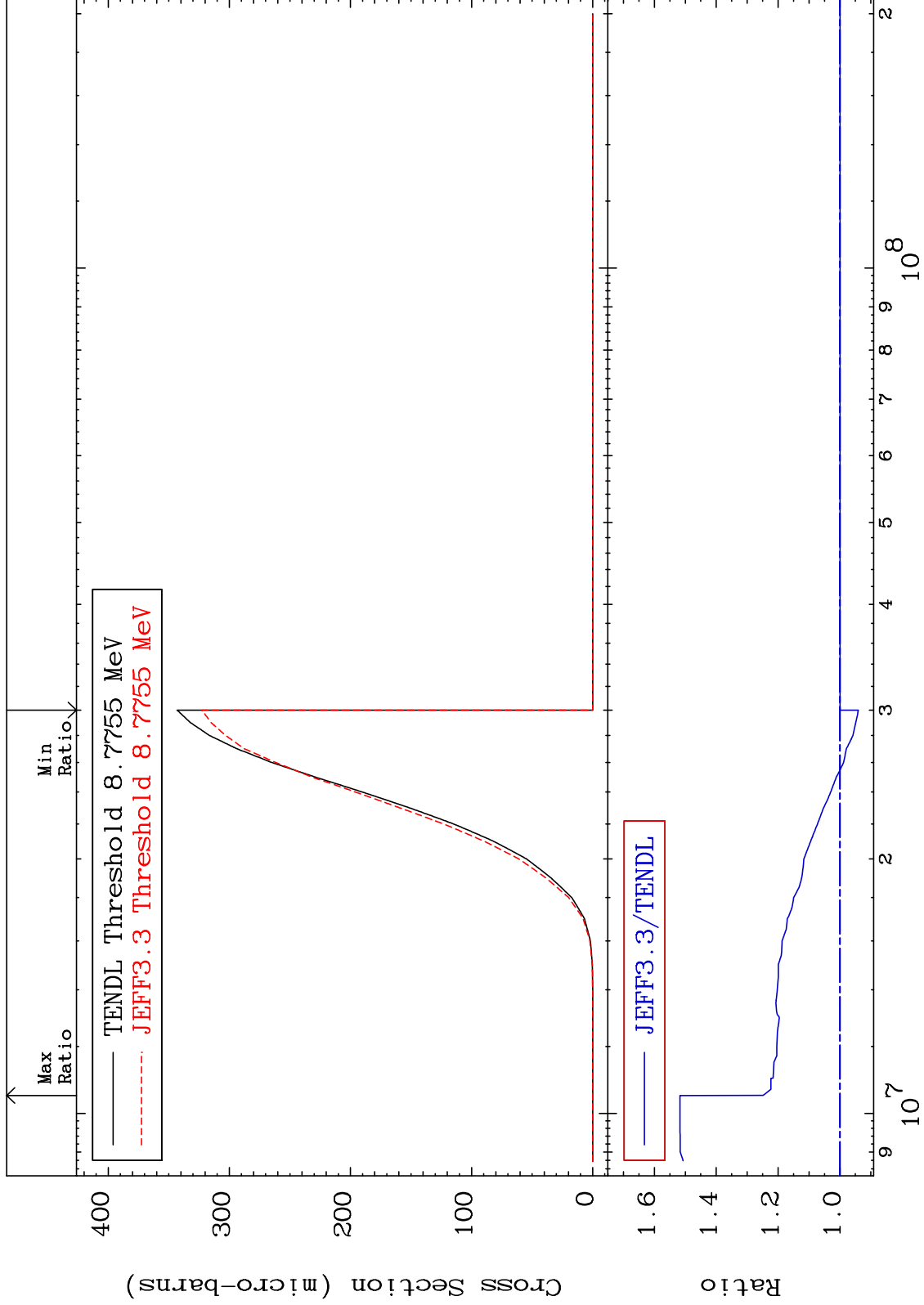


MAT 3225

(n,2p):30-Zn-69g

32-Ge-70

Radionuclide Production Cross Section -5.971 To 51.71 %



79

Incident Energy (eV)

32-Ge-70

MAT 3225

(n,2p):30-Zn-69m1

32-Ge-70

Radionuclide Production Cross Section -10.20 To 33.16 %

