

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

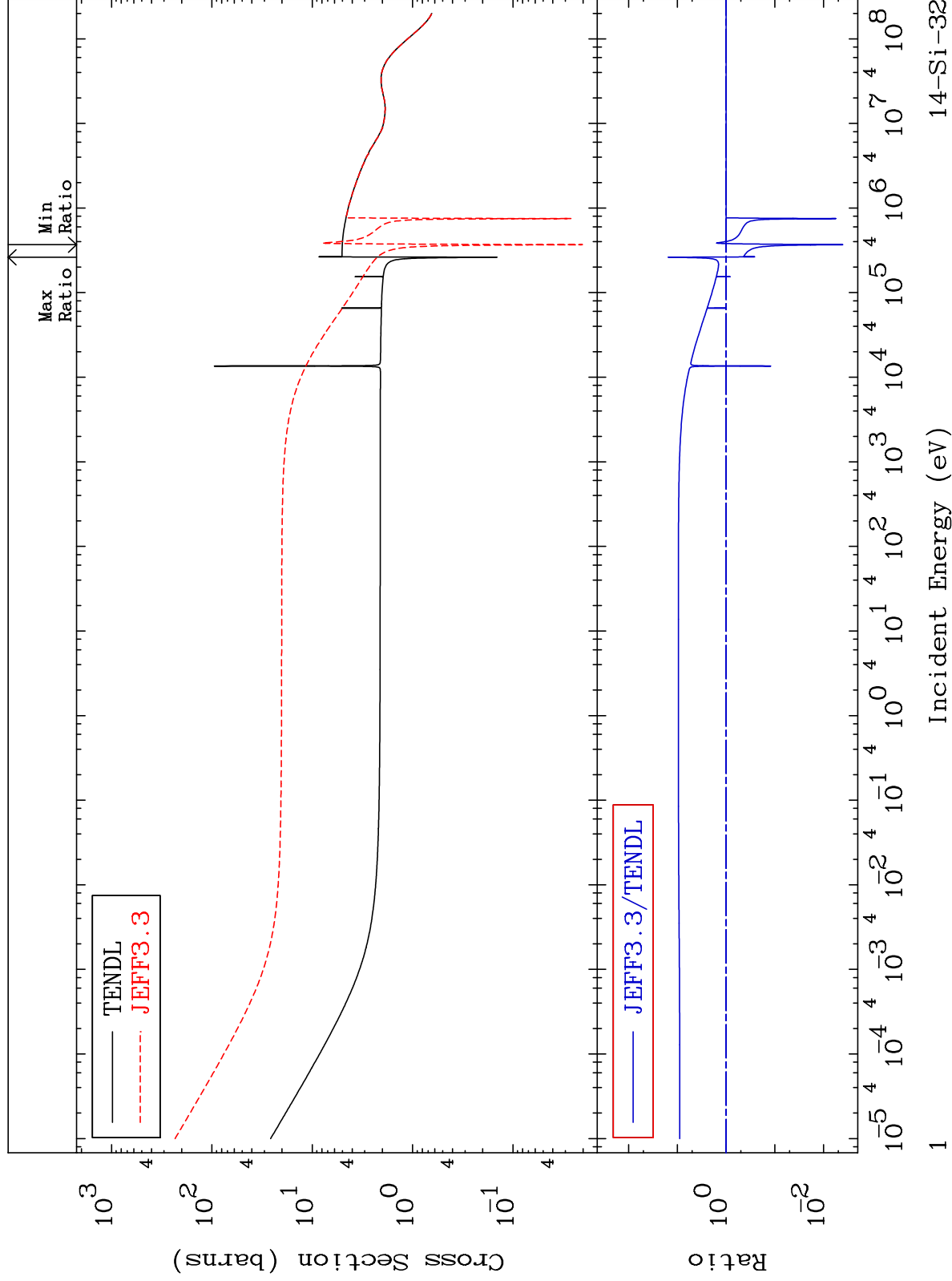
MAT 1437

Total

Cross Section

14-Si-32

-99.60 To 1459. %



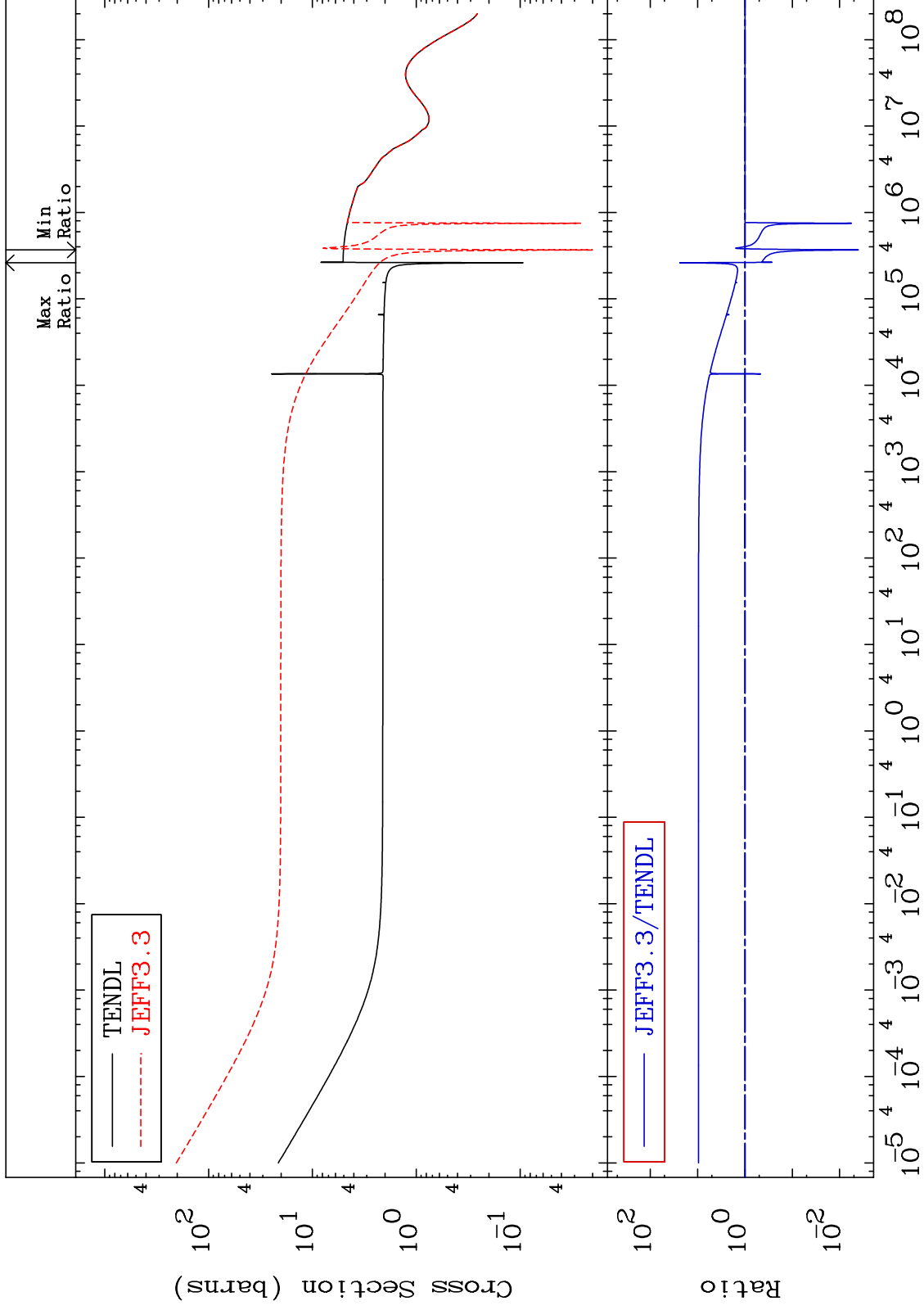
Incident Energy (eV)

14-Si-32

MAT 1437

Elastic
Cross Section

14-Si-32
-99.60 To 2280. %



Incident Energy (eV)

14-Si-32

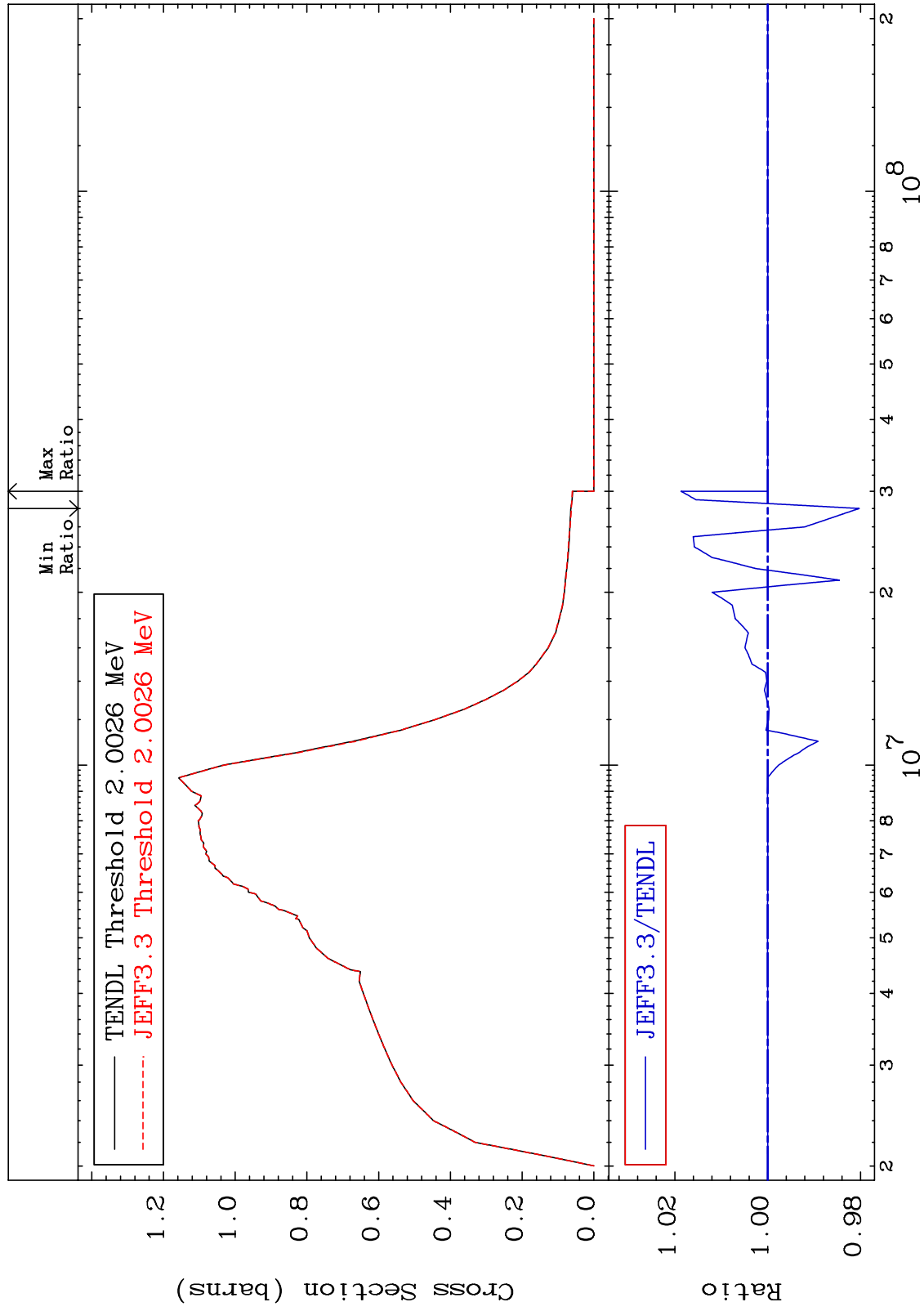
MAT 1437

Inelastic

14-Si-32

Cross Section

-1.973 To 1.865 %



3

Incident Energy (eV)

14-Si-32

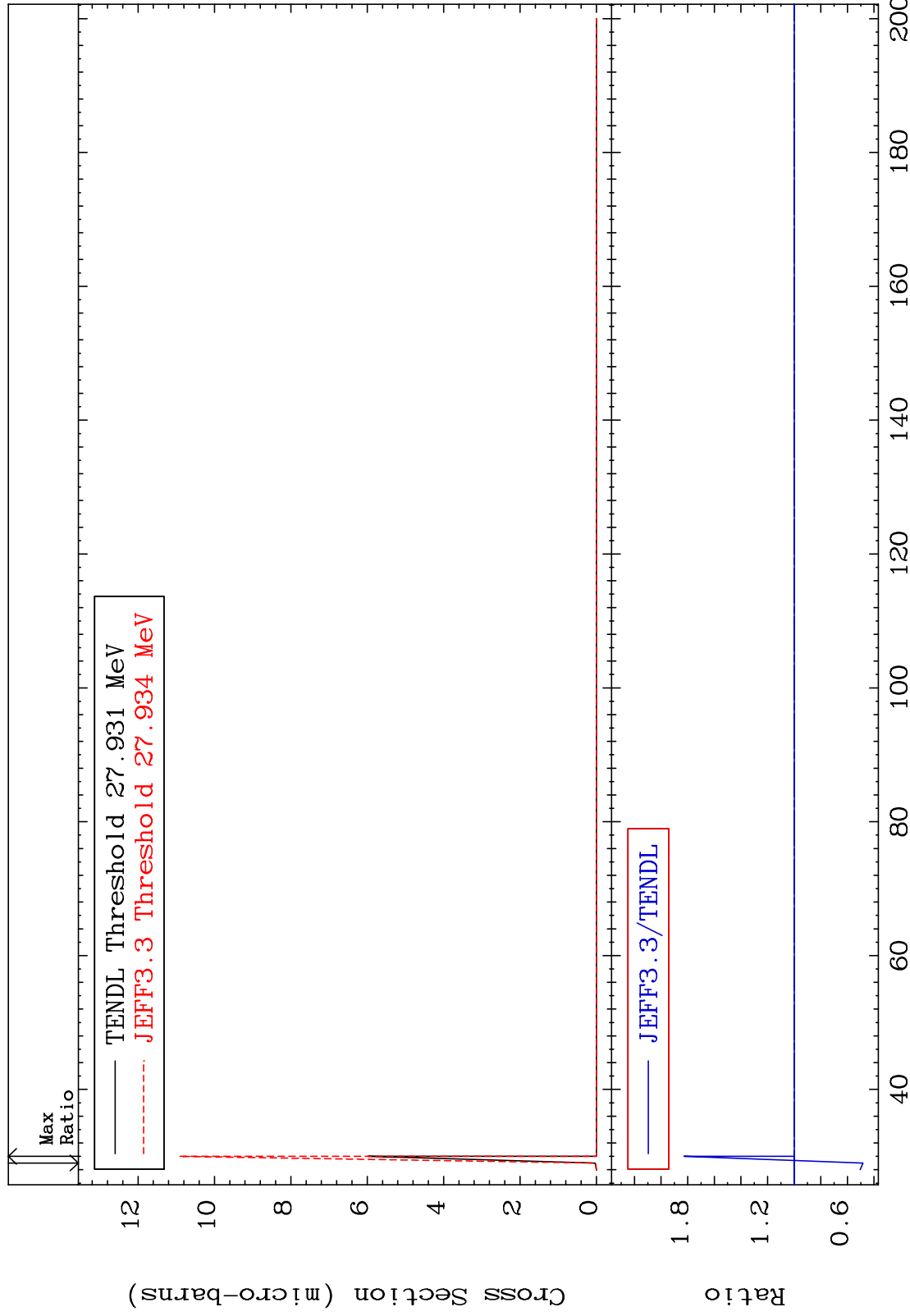
MAT 1437

(n,2n) d

14-Si-32

Cross Section

-51.74 To 82.74 %



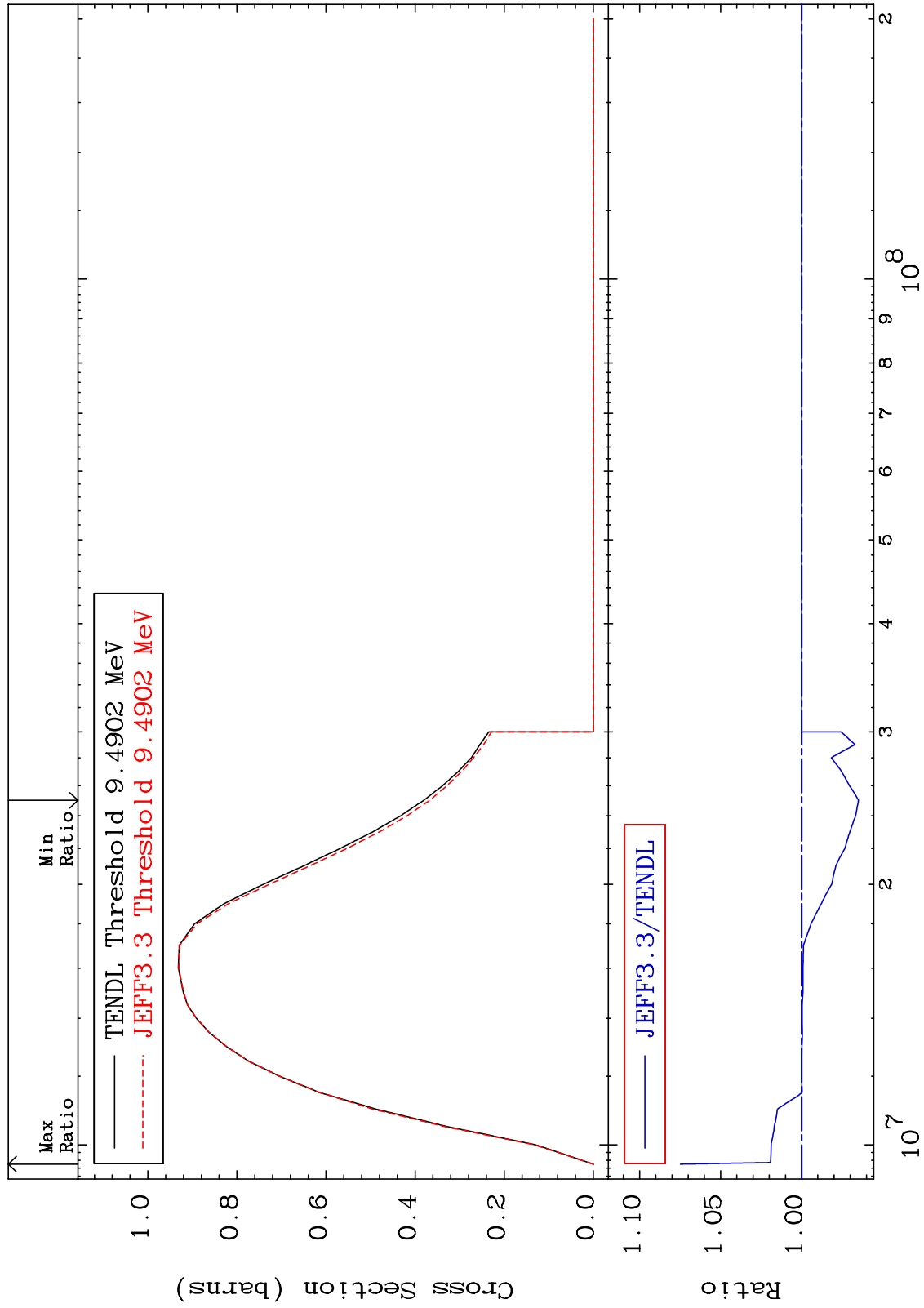
MAT 1437

(n,2n)

14-Si-32

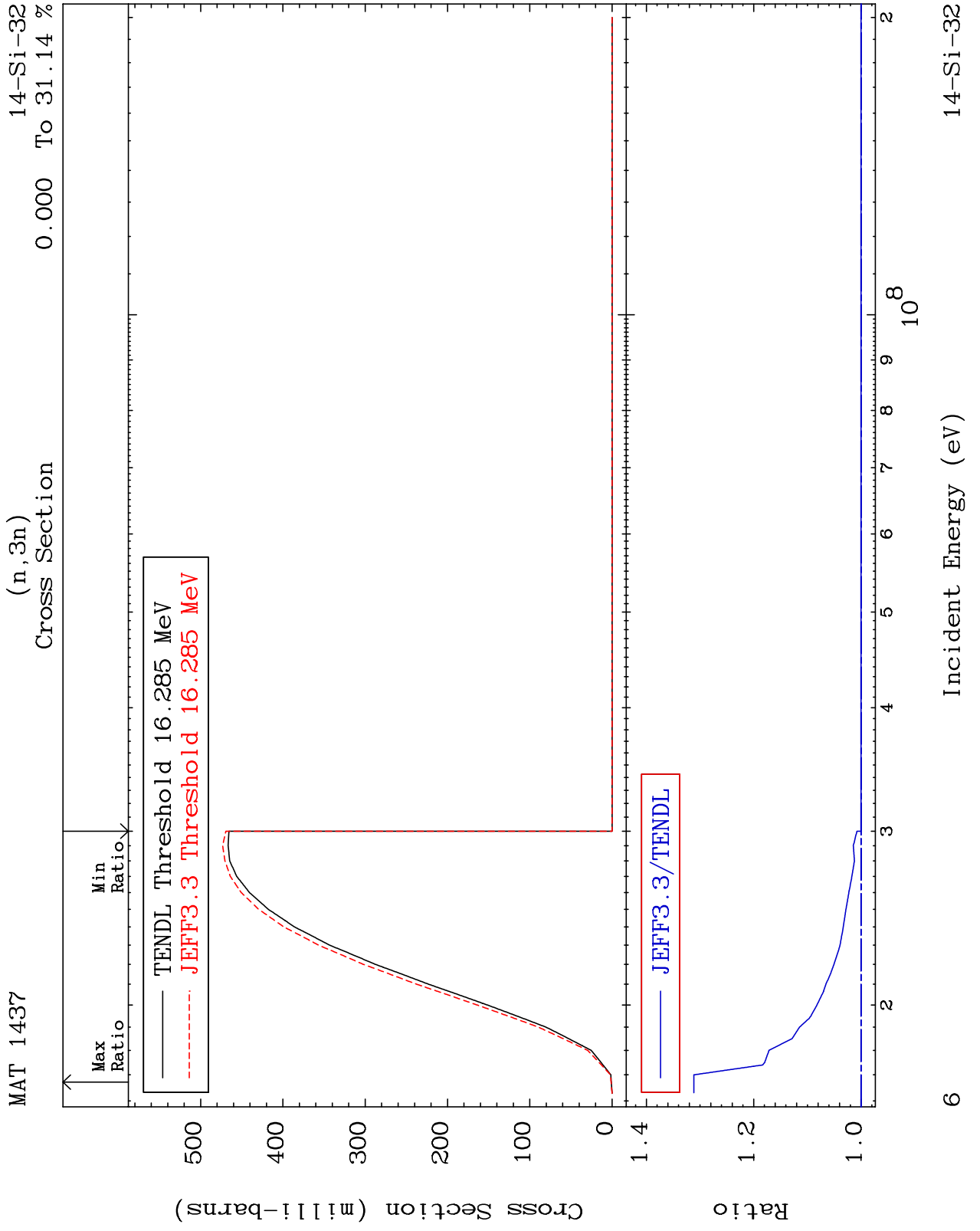
Cross Section

-3.510 To 7.479 %



Incident Energy (eV)

14-Si-32



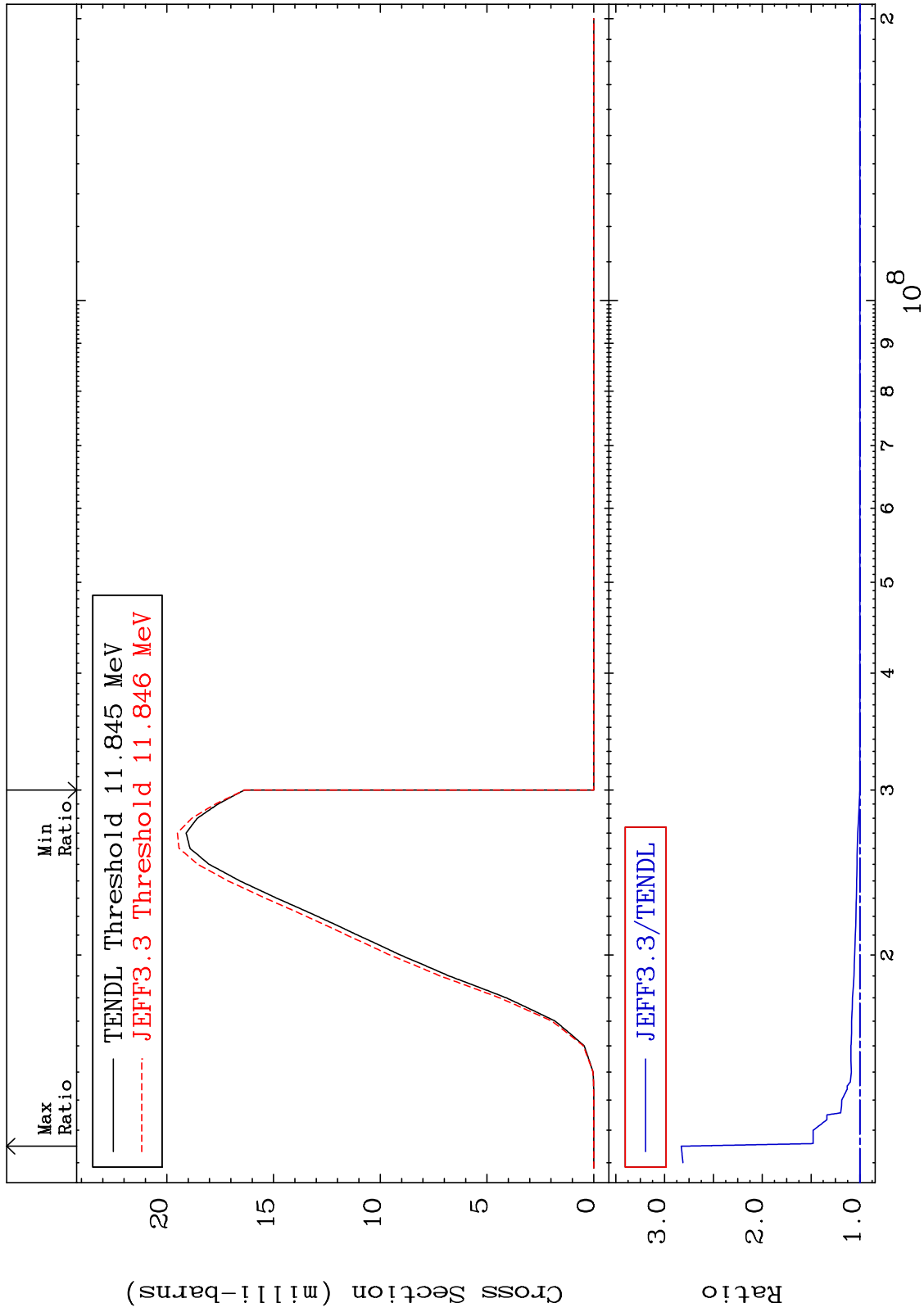
MAT 1437

(n,n') α

14-Si-32

Cross Section

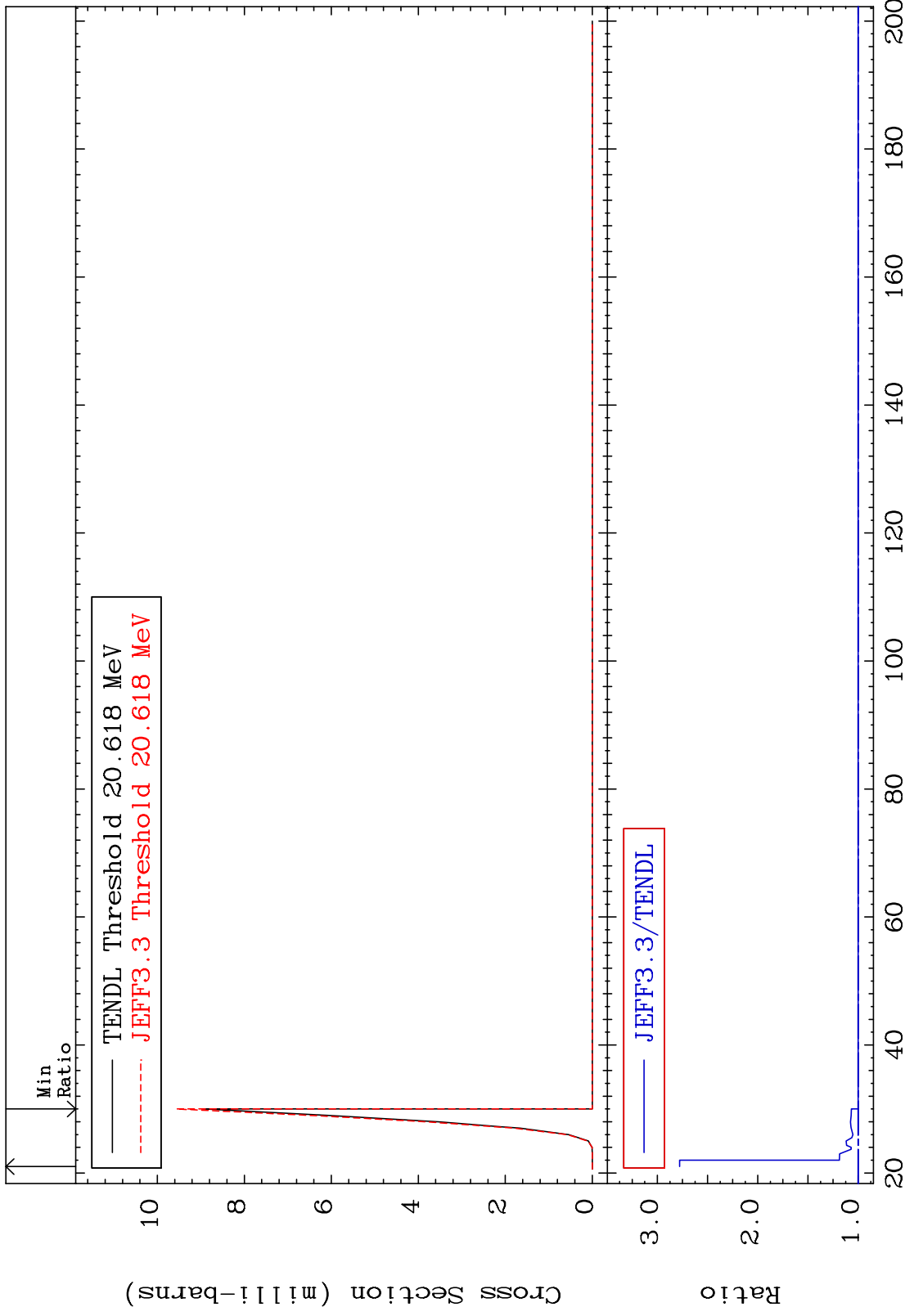
-0.059 To 183.0 %



MAT 1437

(n,2n) α
Cross Section

14-Si-32
0.000 To 177.8 %



8

14-Si-32

14-Si-32

MAT 1437

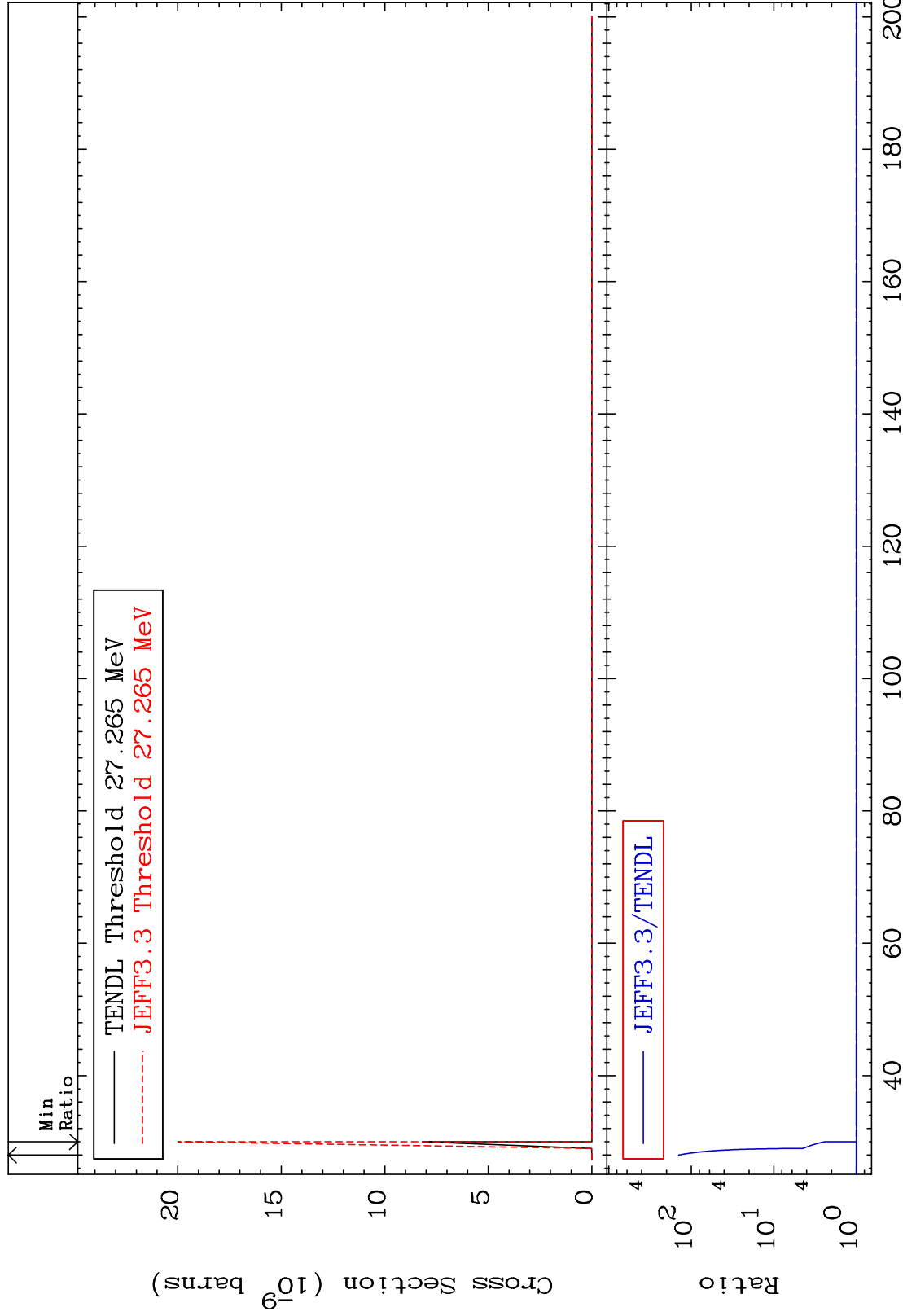
(n,3n) α

14-Si-32

Cross Section

0.000

To 9999. %



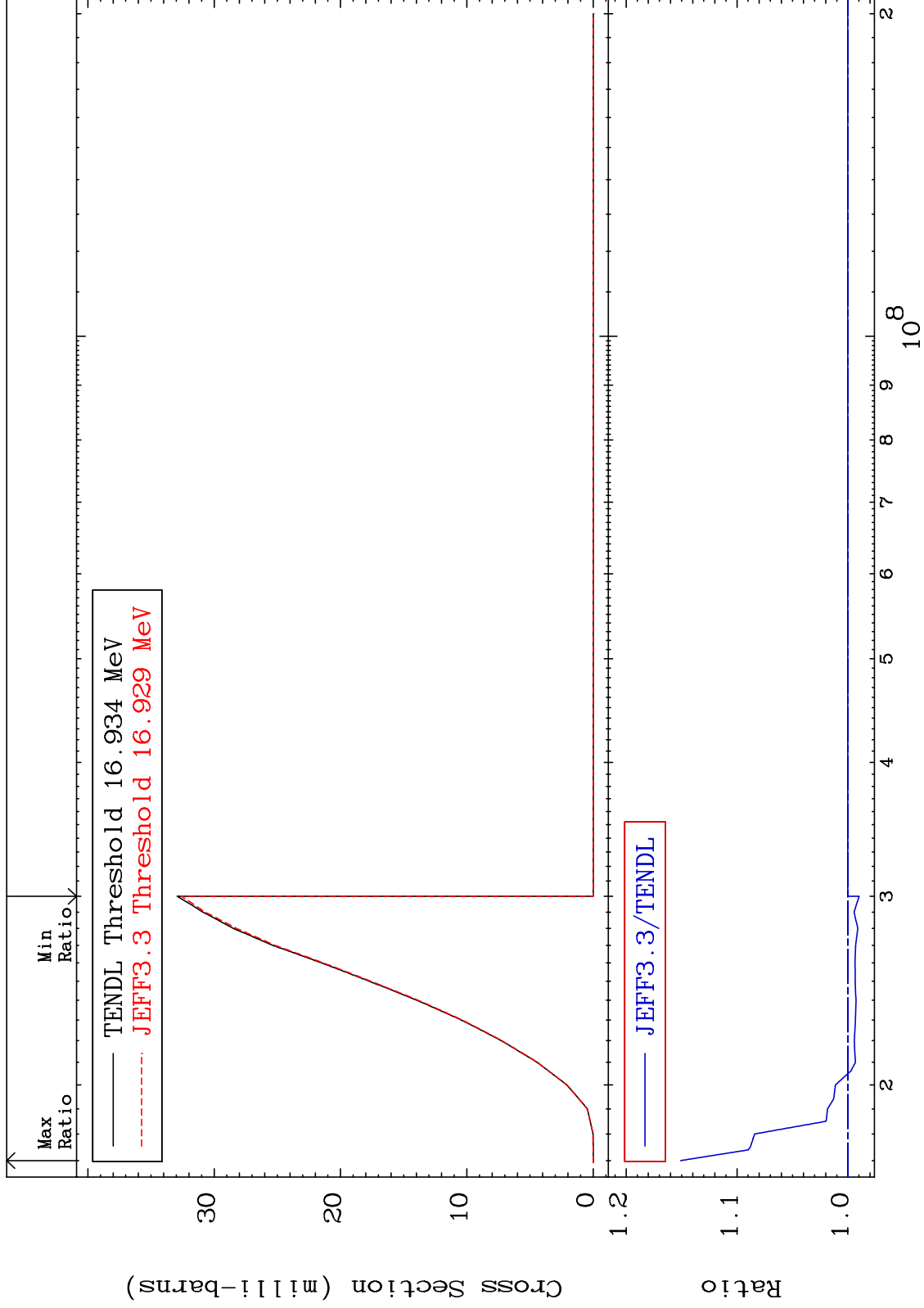
MAT 1437

(n,n') p

14-Si-32

Cross Section

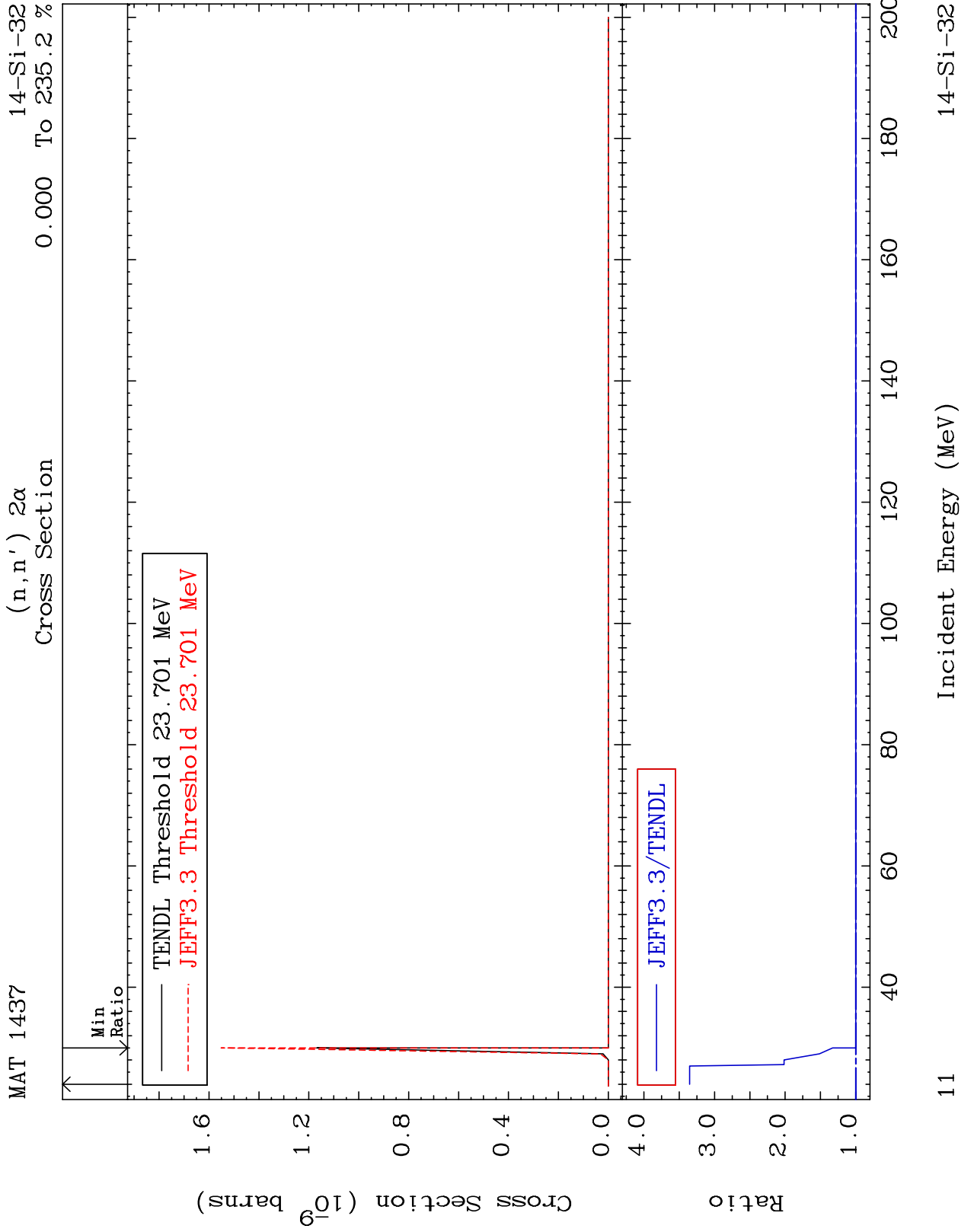
-1.020 To 15.09 %



10

Incident Energy (eV)

14-Si-32



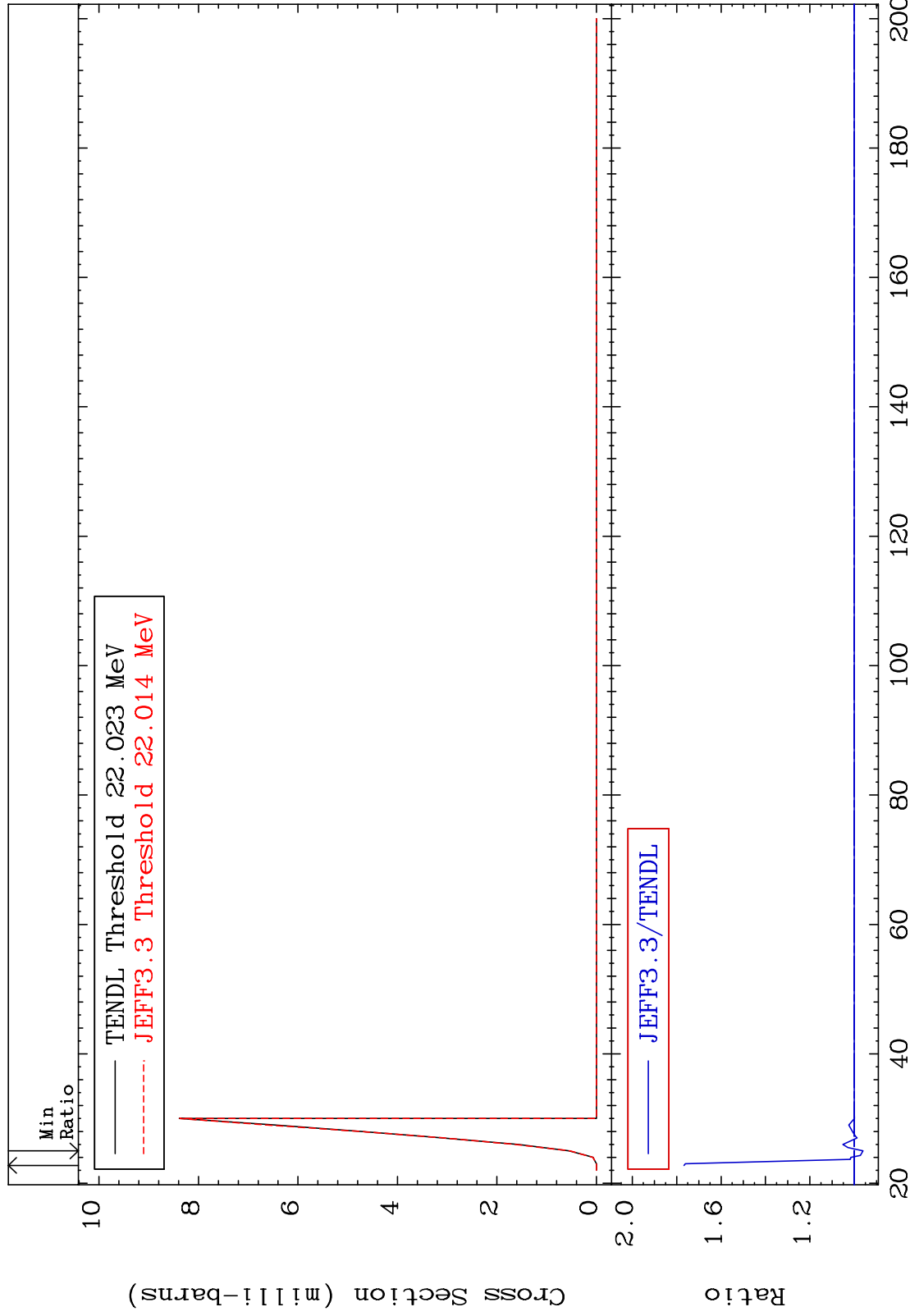
MAT 1437

(n,n') d

14-Si-32

Cross Section

-3.934 To 76.68 %



12

Incident Energy (MeV)

14-Si-32

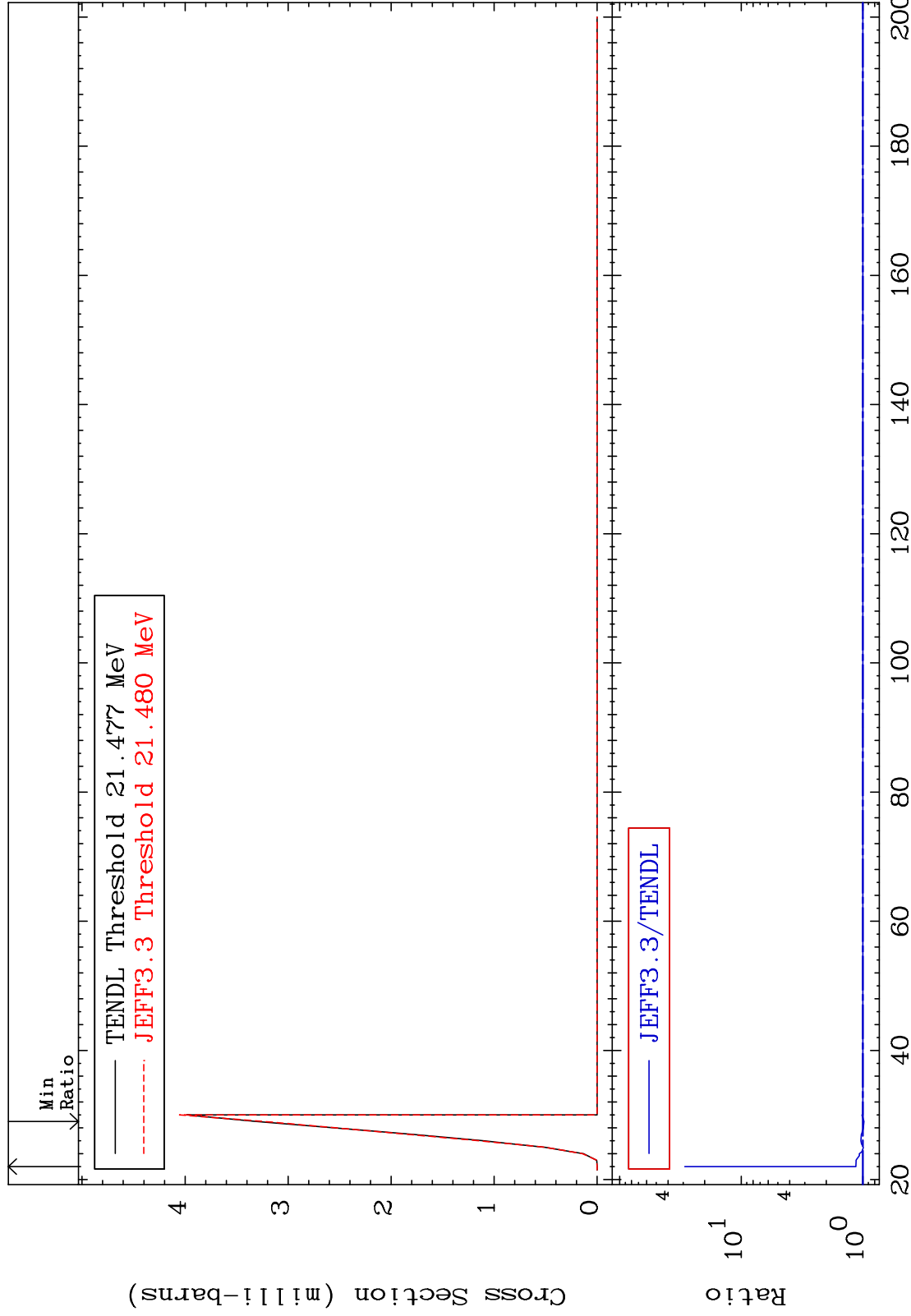
MAT 1437

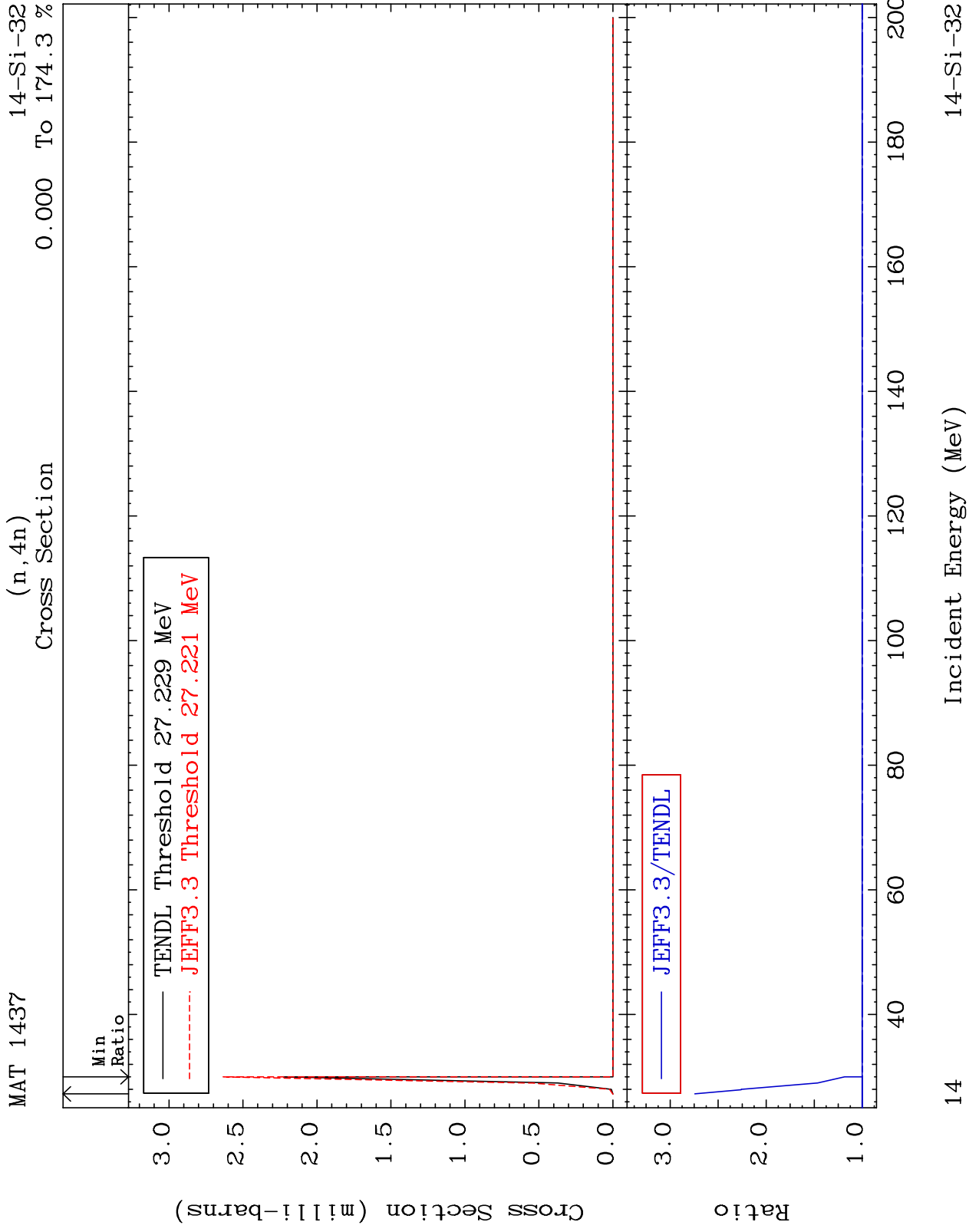
(n,n') t

14-Si-32

Cross Section

-2.157 To 2814. %

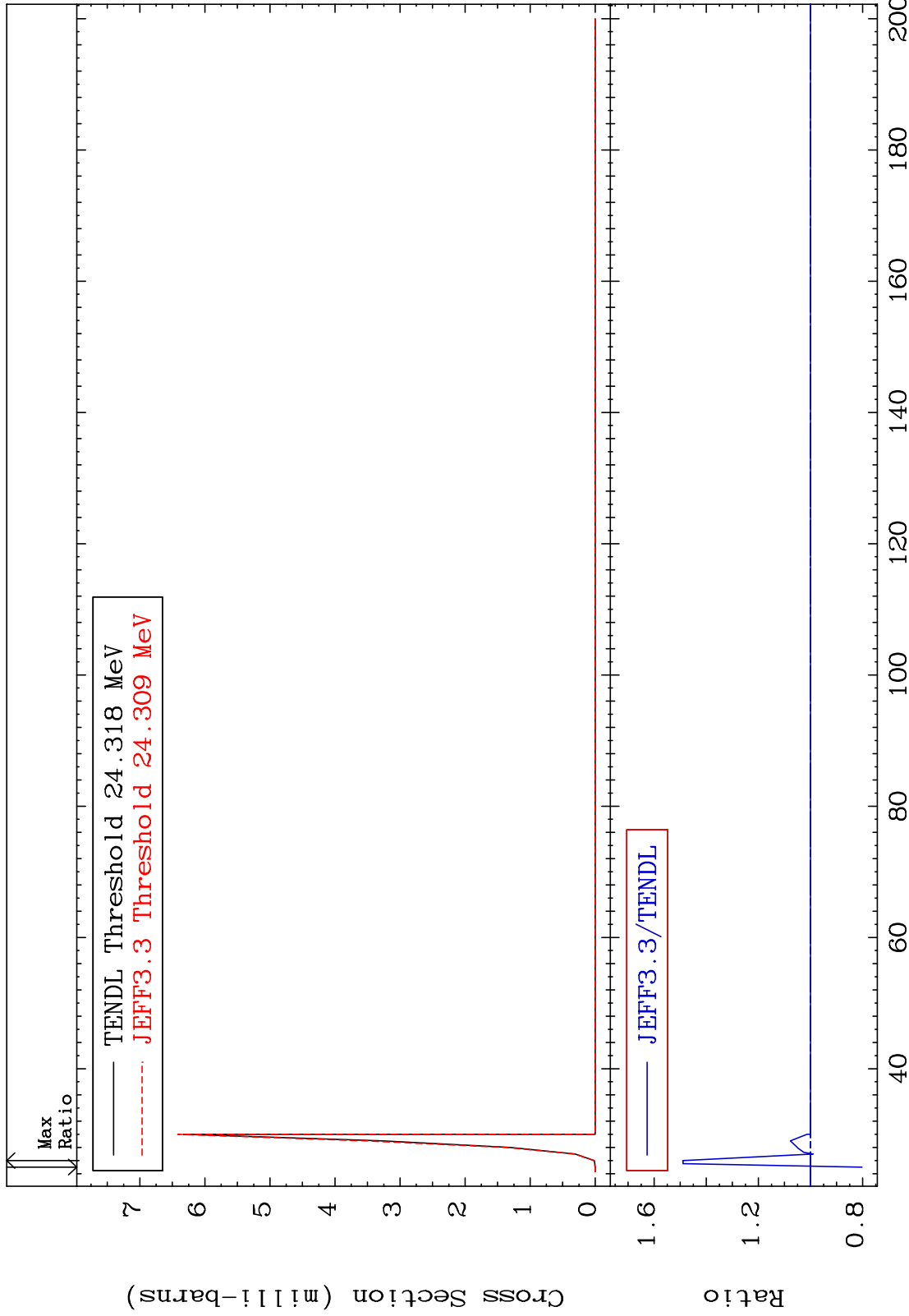




MAT 1437

(n,2n) p
Cross Section

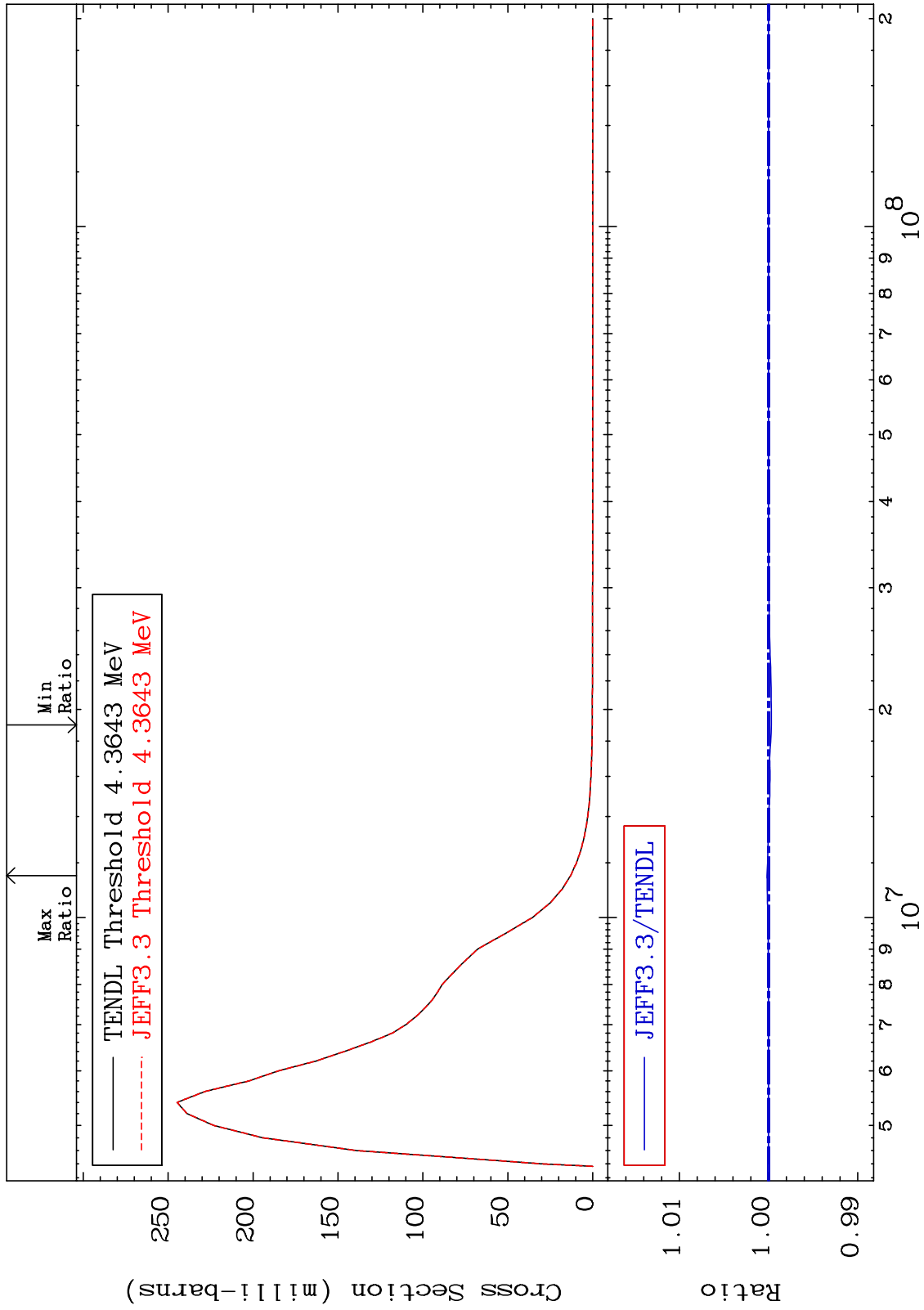
14-Si-32
-19.74 To 49.00 %



MAT 1437

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

14-Si-32
-0.031 To 0.018 %



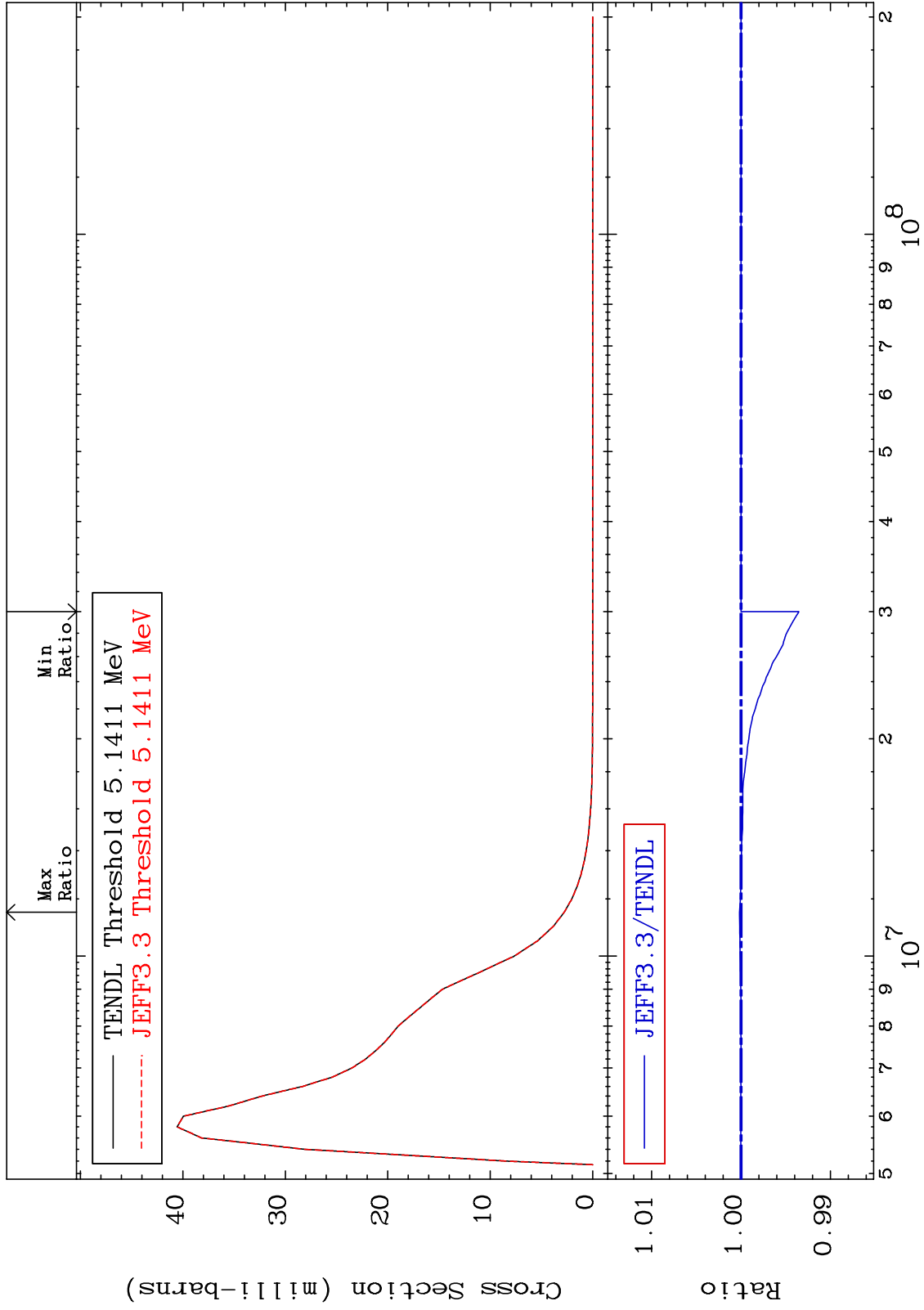
16

14-Si-32

MAT 1437

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

14-Si-32
-0.646 To 0.017 %



17

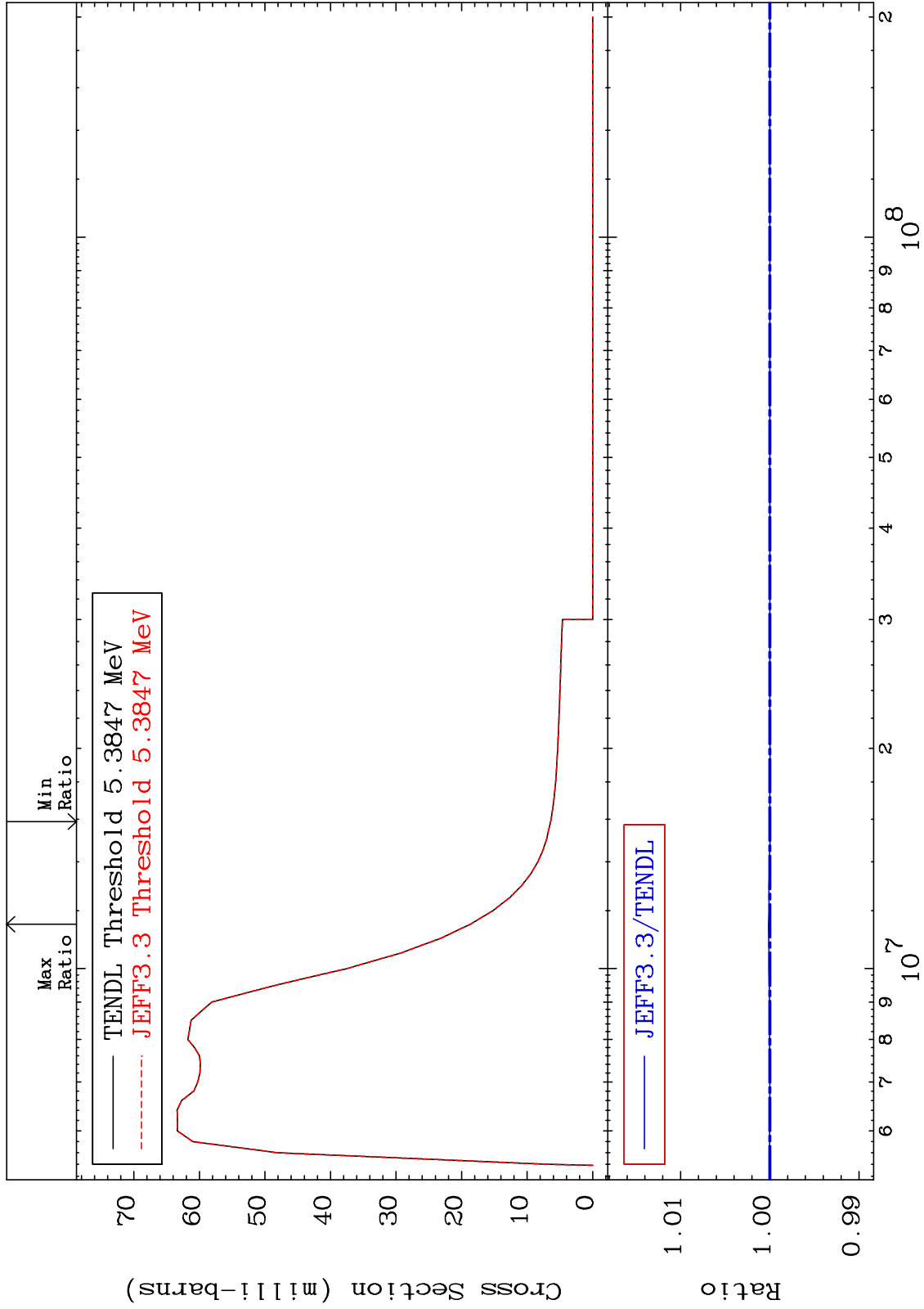
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.003 To 0.016 %



18

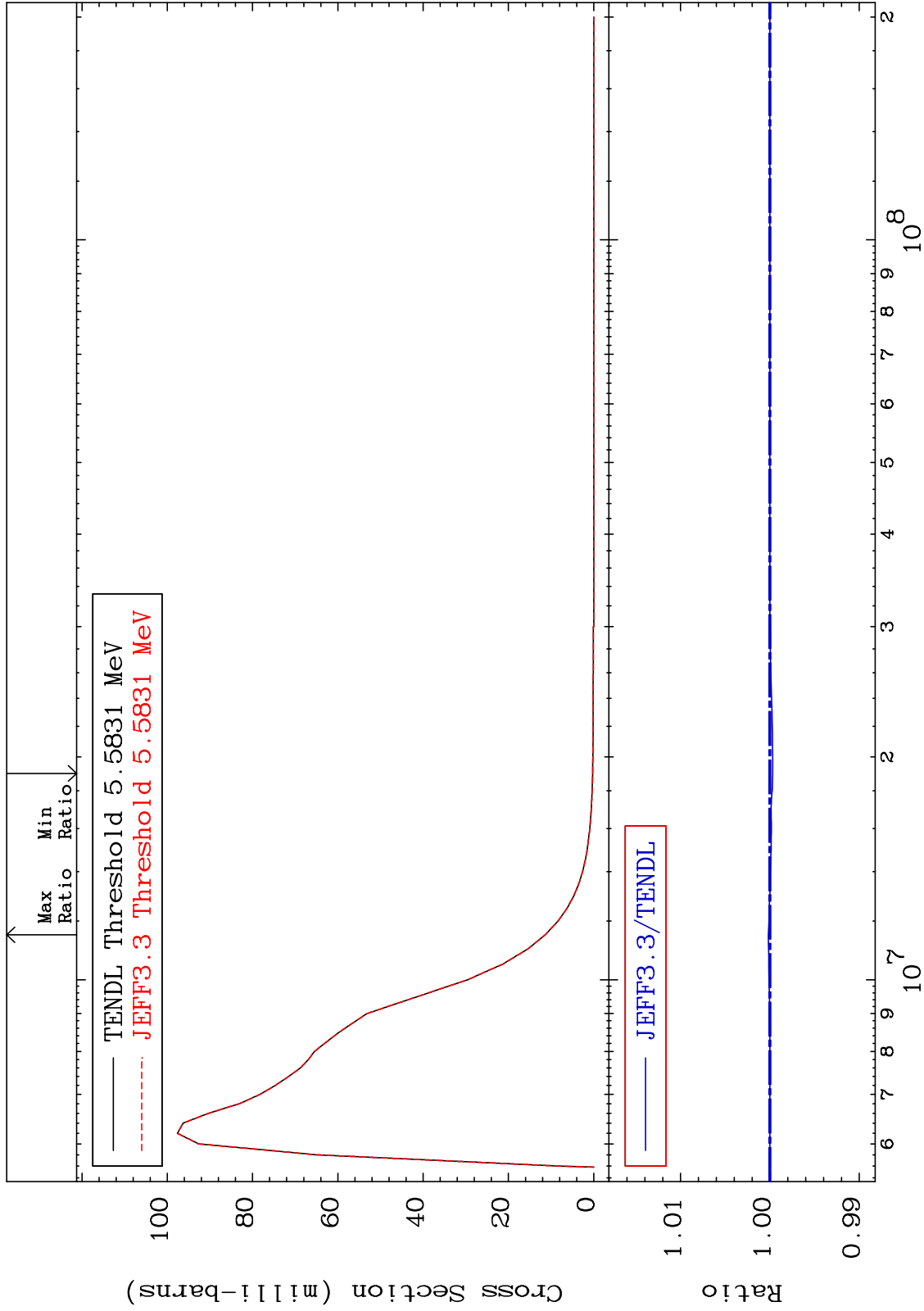
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.032 To 0.018 %



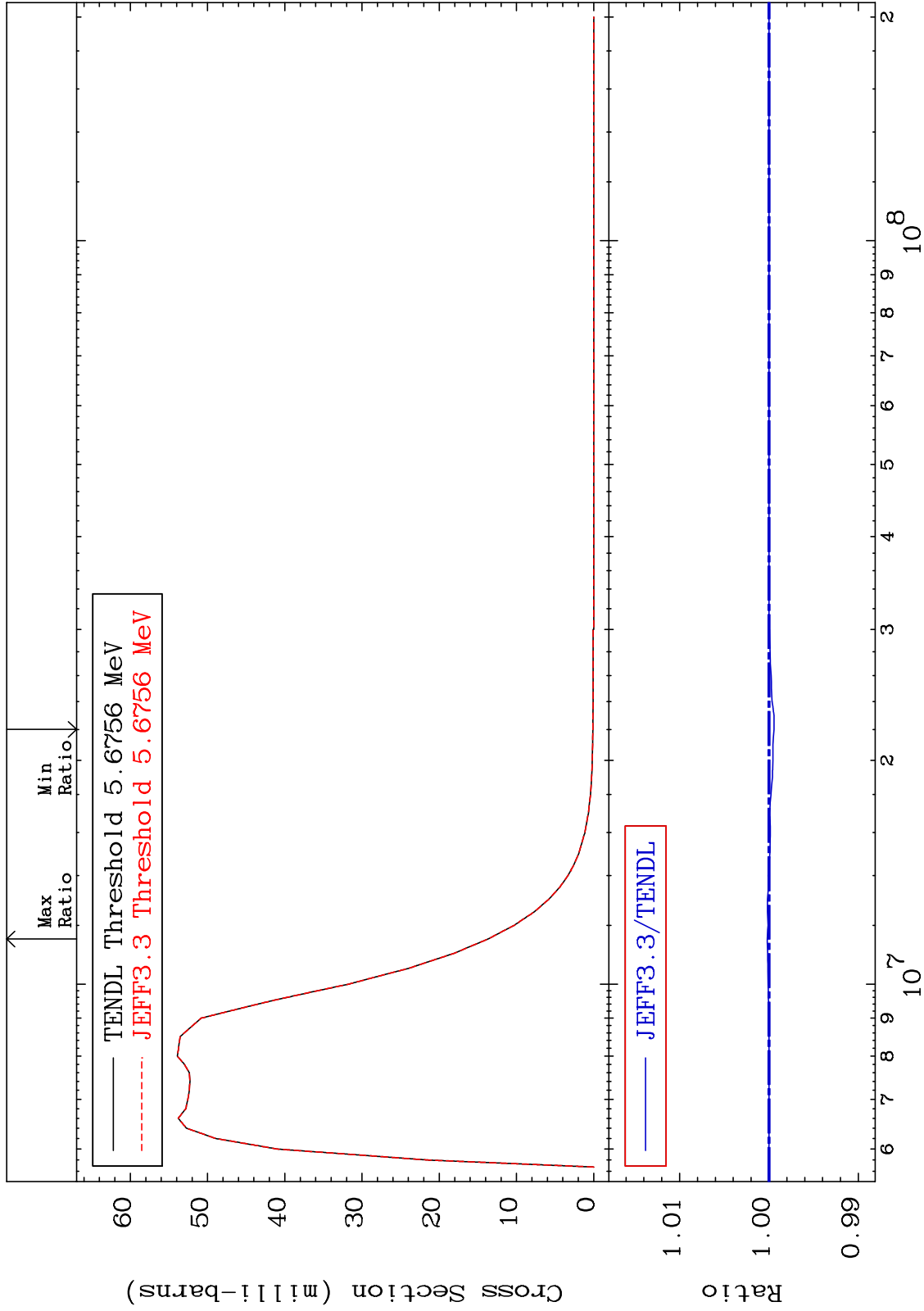
19

14-Si-32

MAT 1437

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

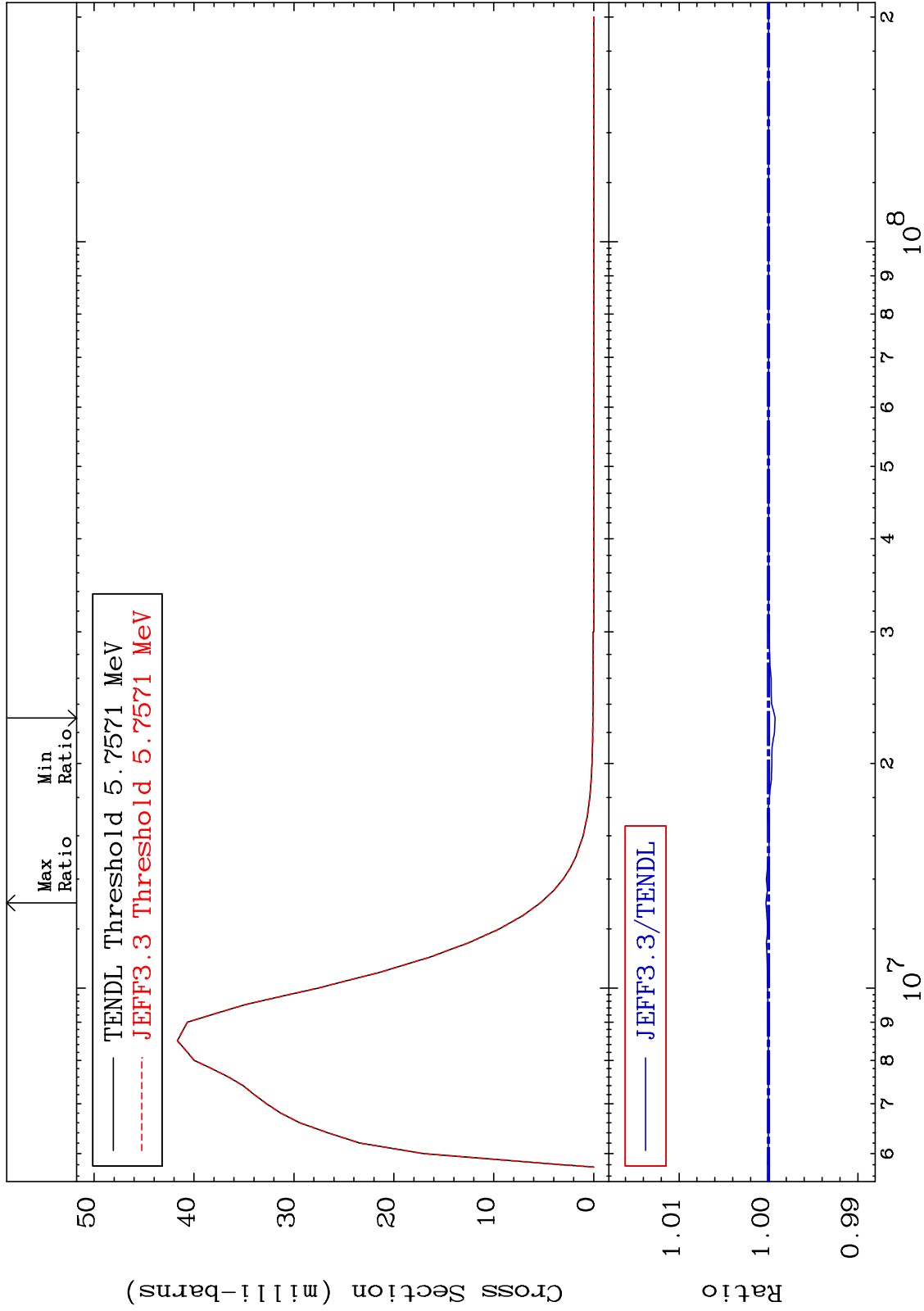
14-Si-32
-0.056 To 0.020 %



MAT 1437

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

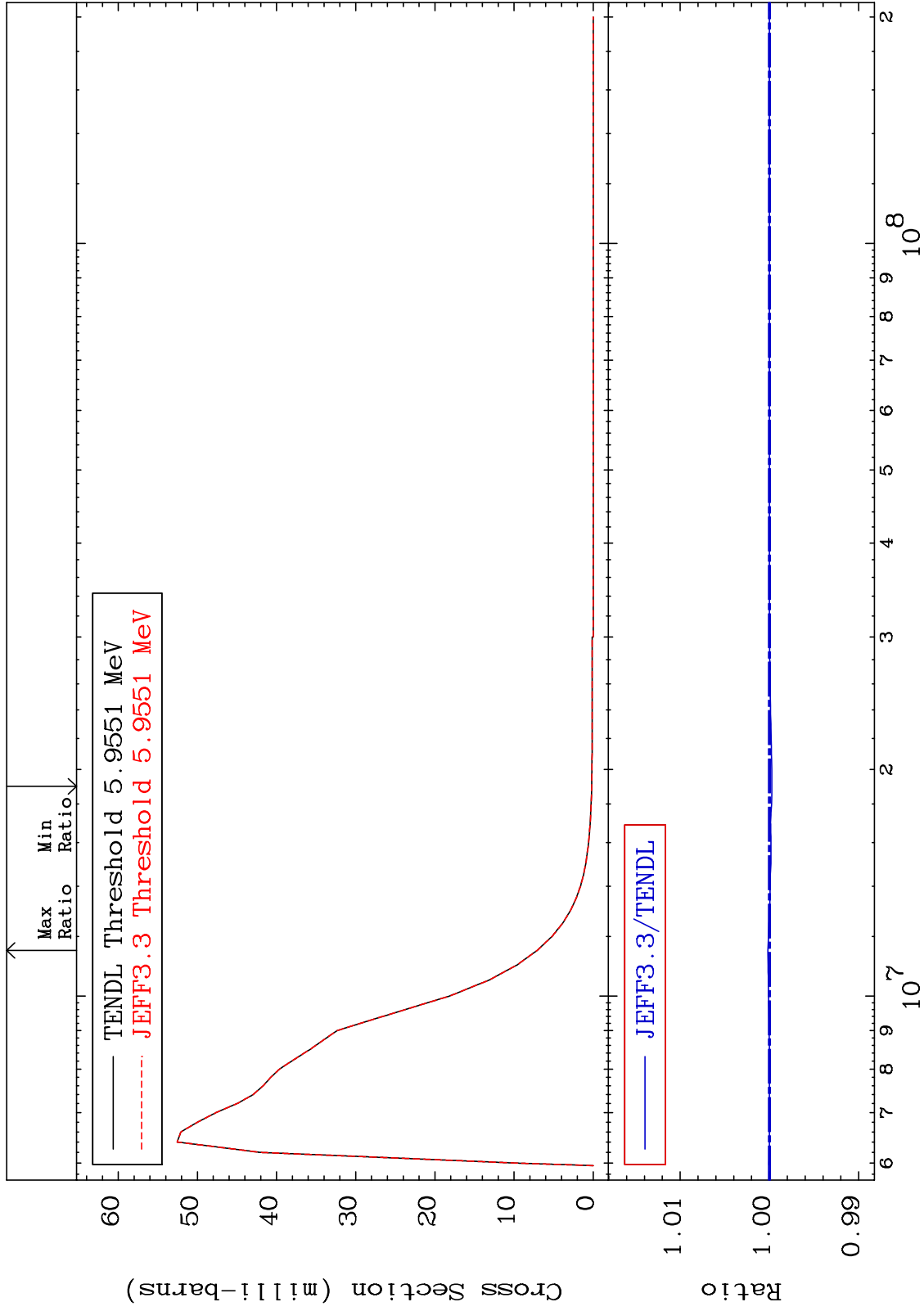
14-Si-32
-0.075 To 0.028 %



MAT 1437

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

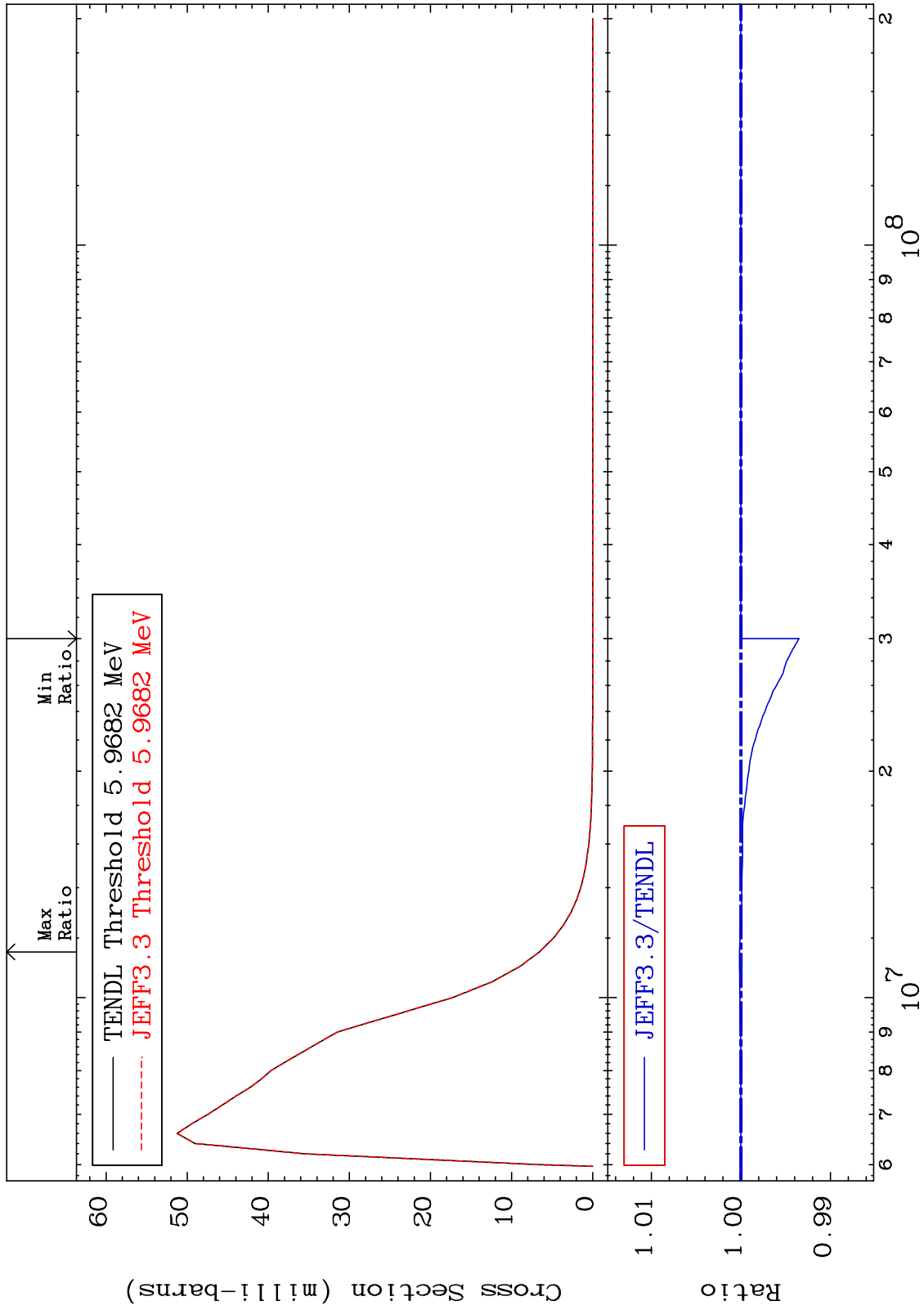
14-Si-32
-0.028 To 0.017 %



22

14-Si-32

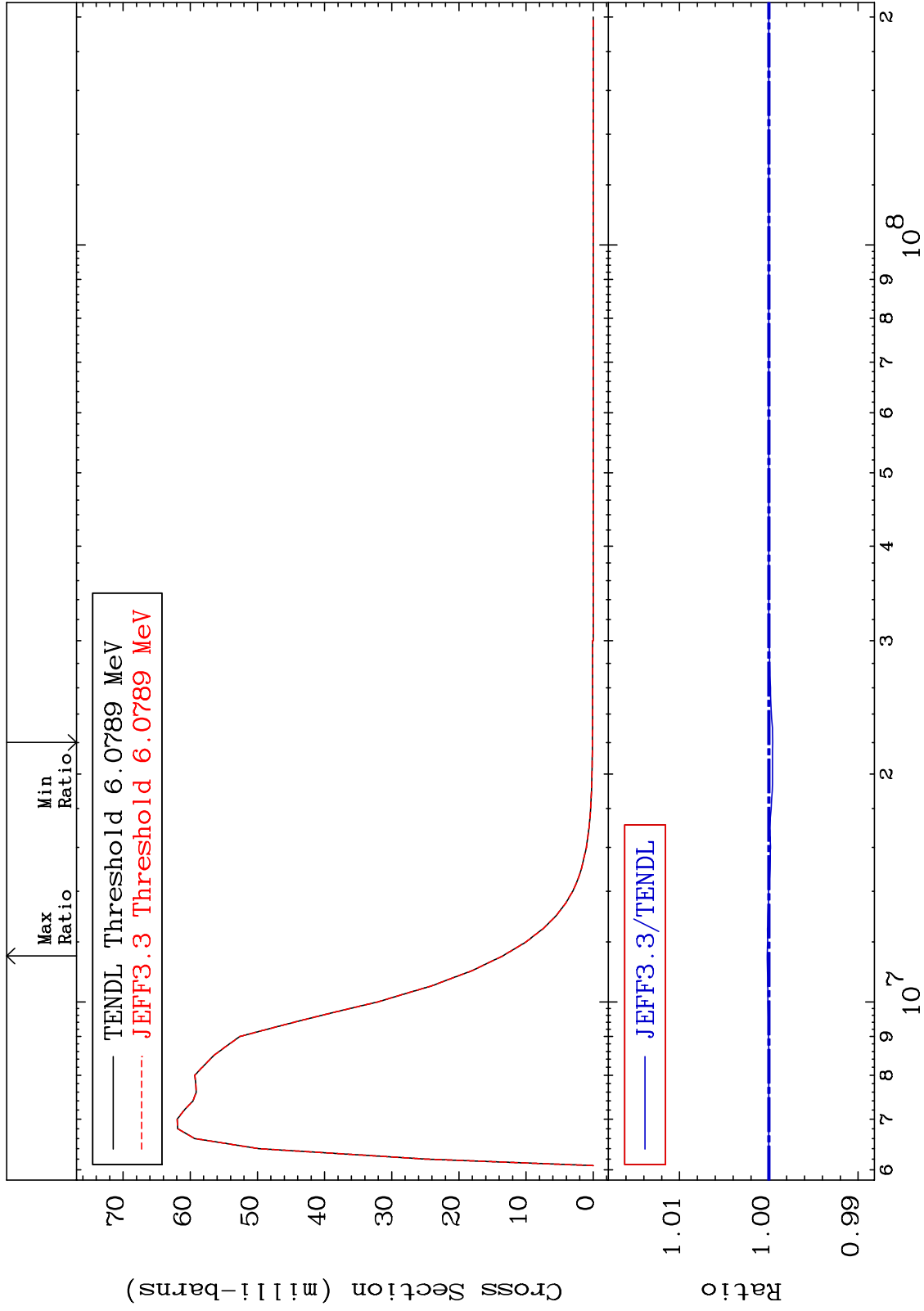
MAT 1437 MT= 60 (n,n') Level Cross Section 14-Si-32
 -0.650 To 0.017 %



MAT 1437

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

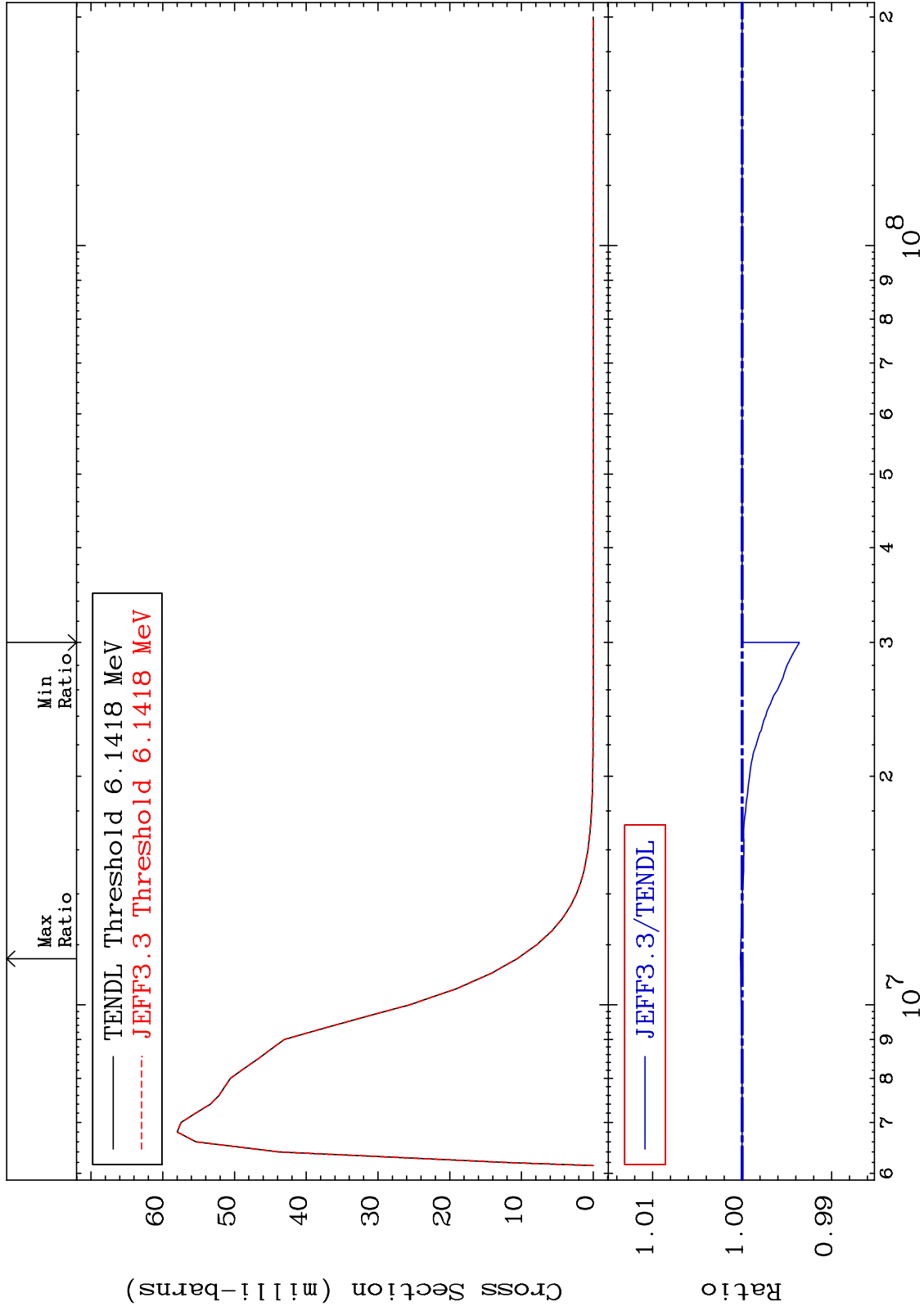
14-Si-32
-0.043 To 0.019 %



MAT 1437

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

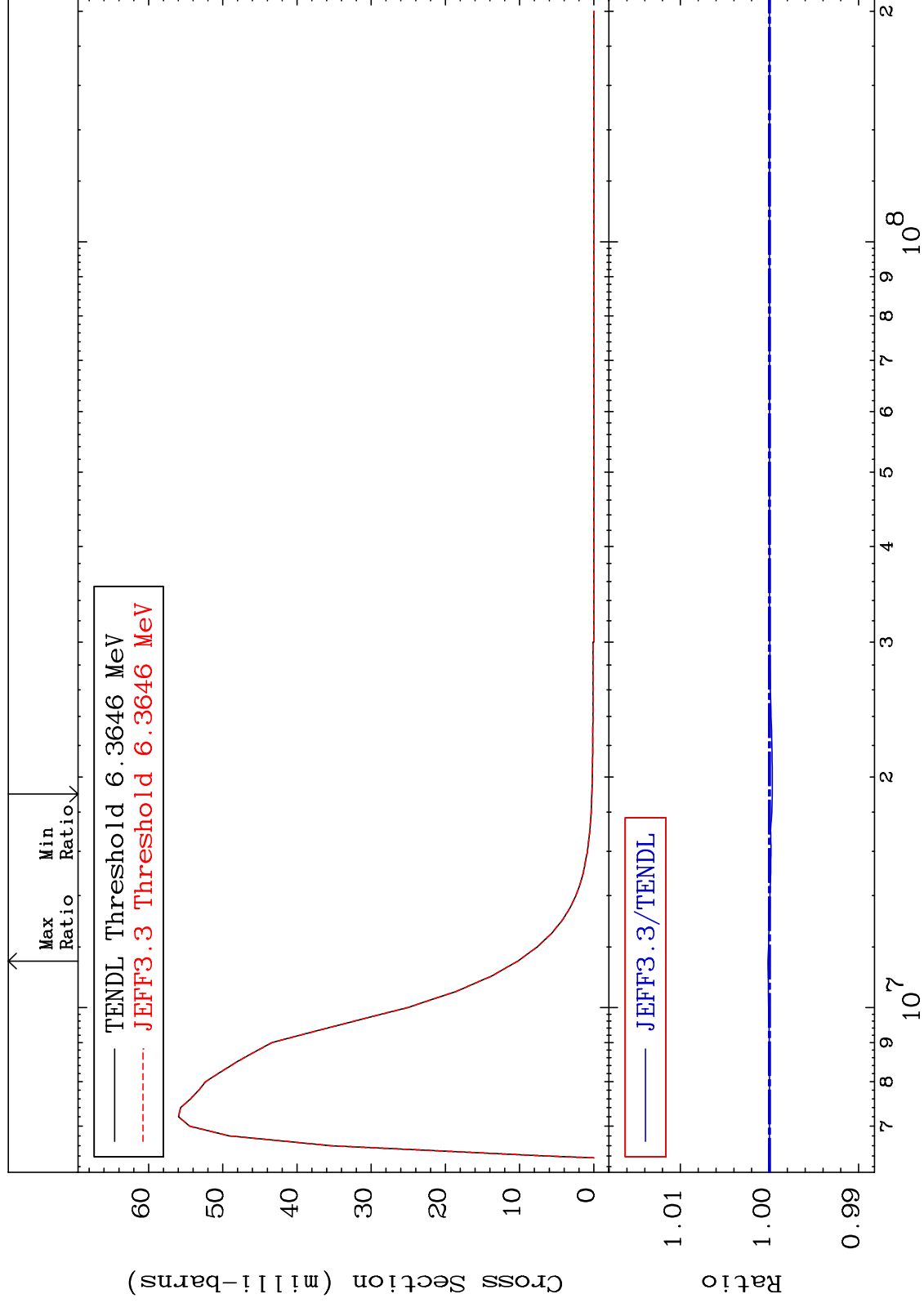
14-Si-32
-0.640 To 0.019 %



MAT 1437

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

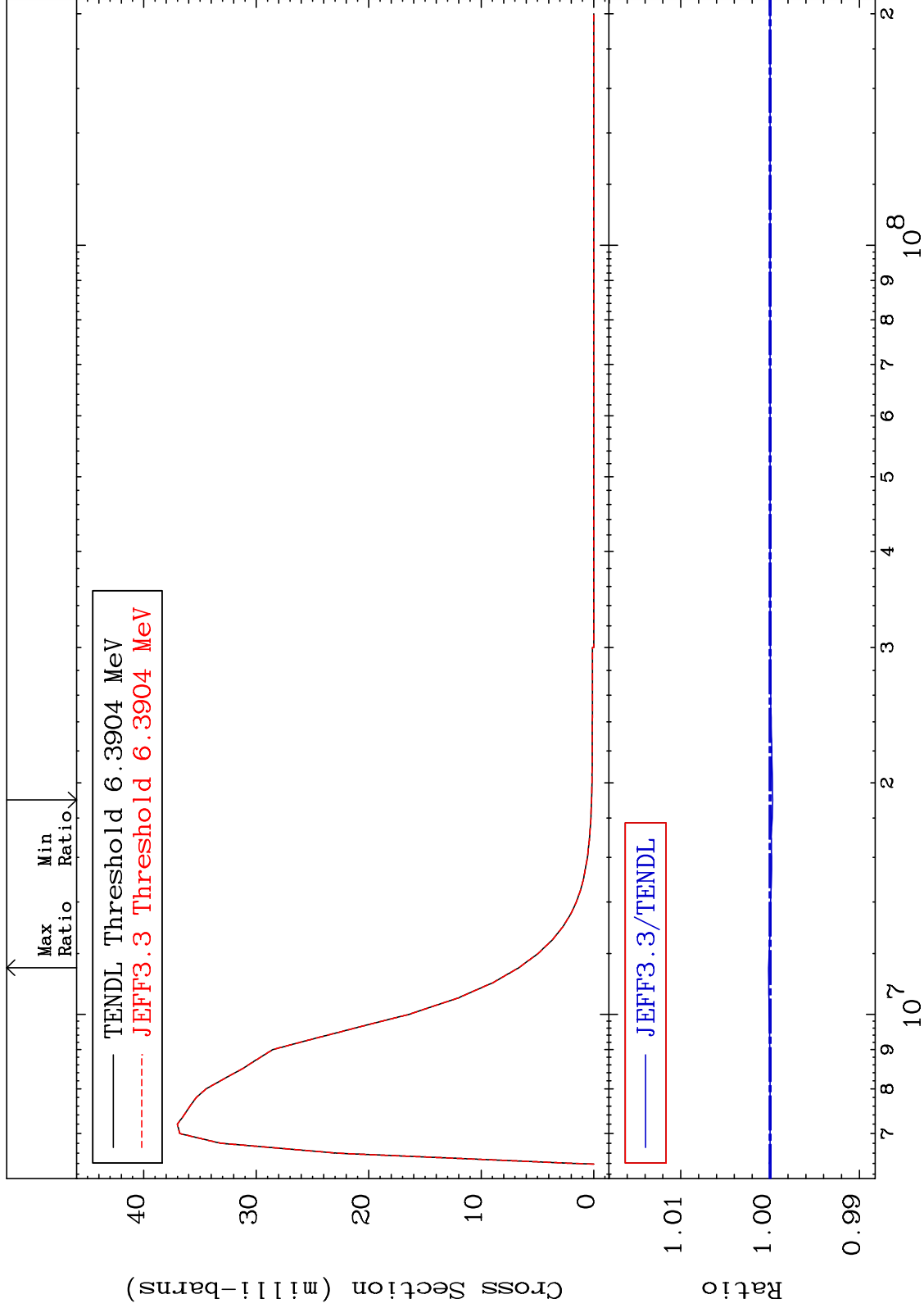
14-Si-32
-0.032 To 0.018 %



MAT 1437

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

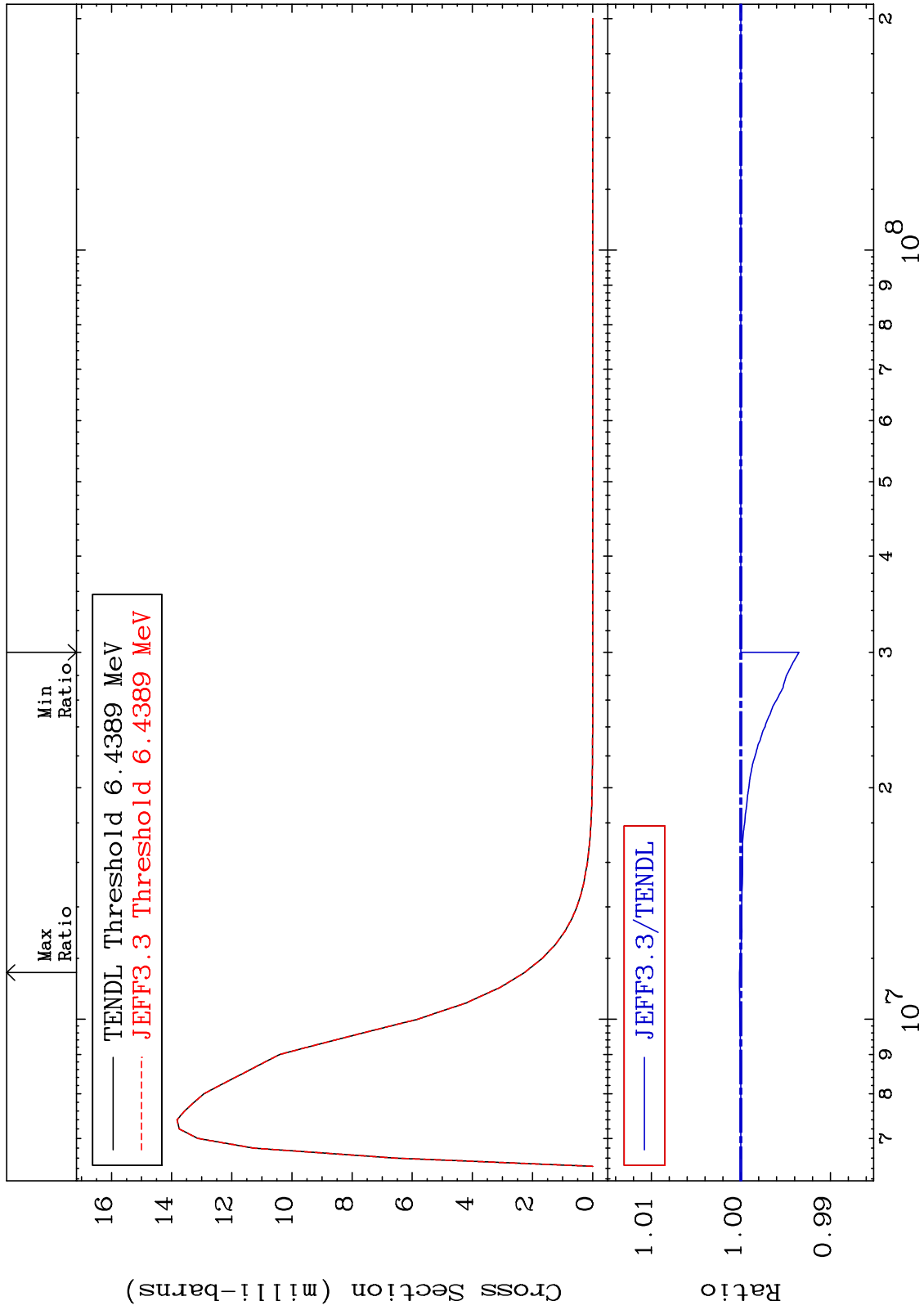
14-Si-32
-0.028 To 0.017 %



MAT 1437

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

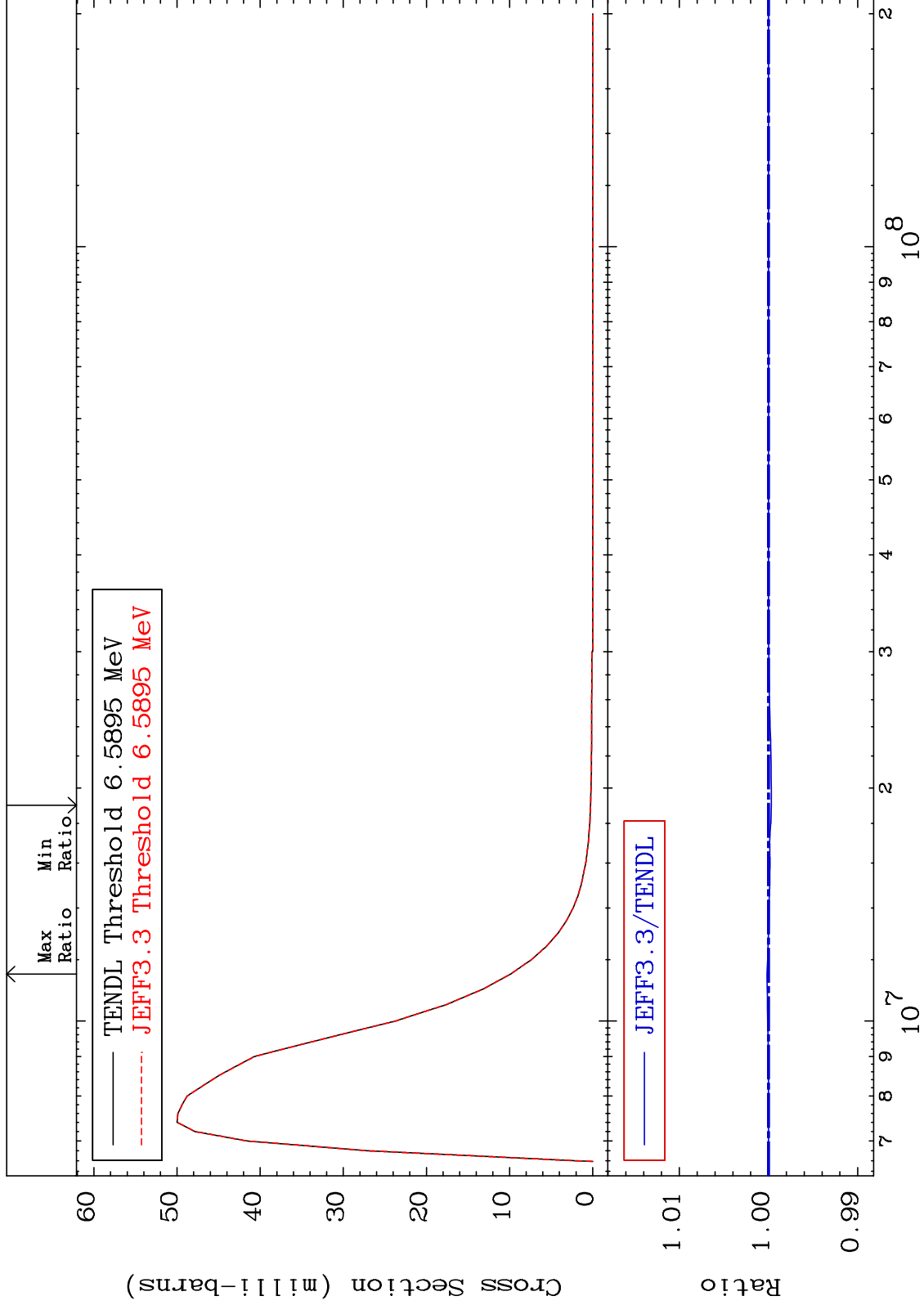
14-Si-32
-0.649 To 0.016 %



MAT 1437

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

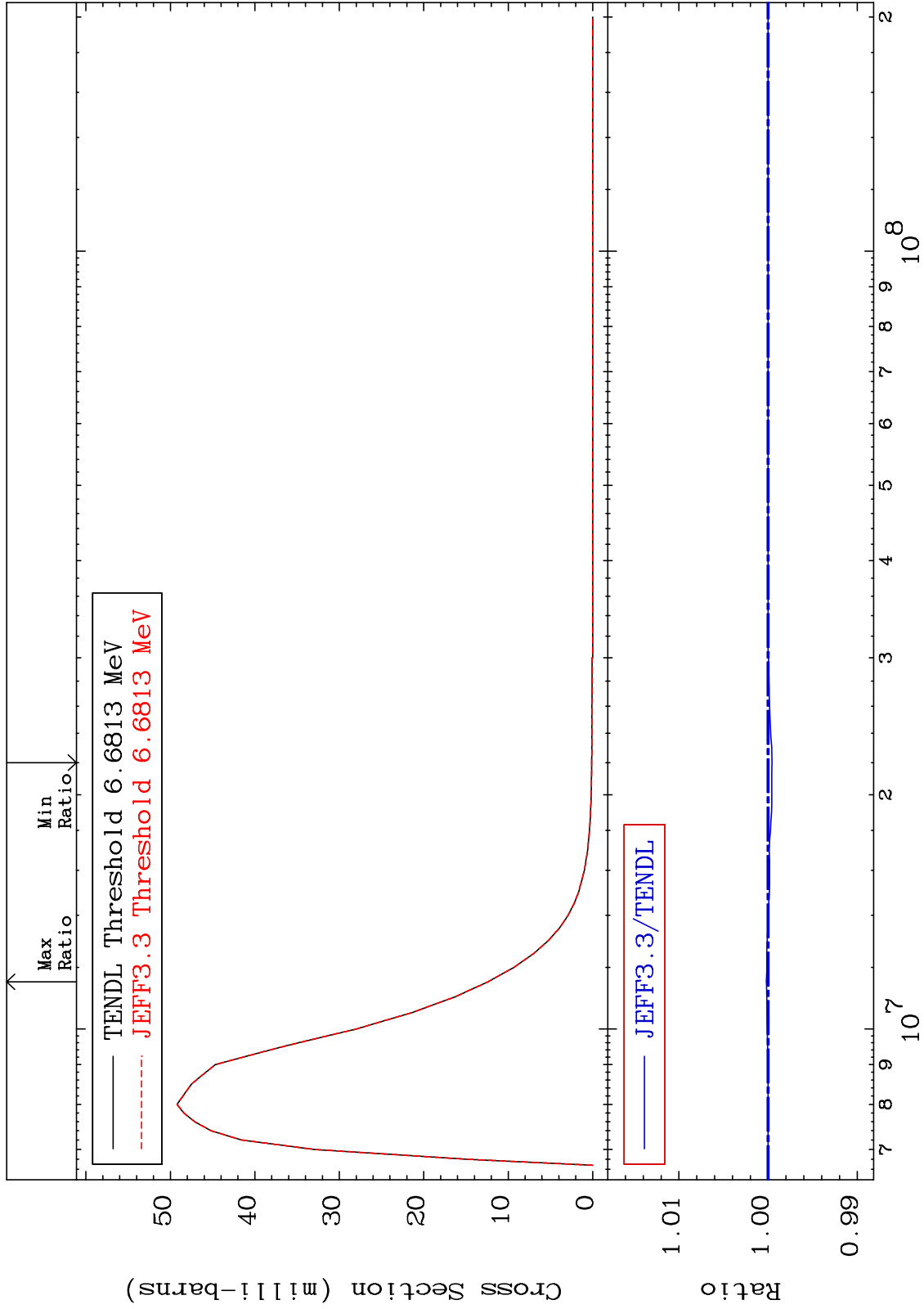
14-Si-32
-0.033 To 0.017 %



MAT 1437

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

14-Si-32
-0.043 To 0.019 %



30

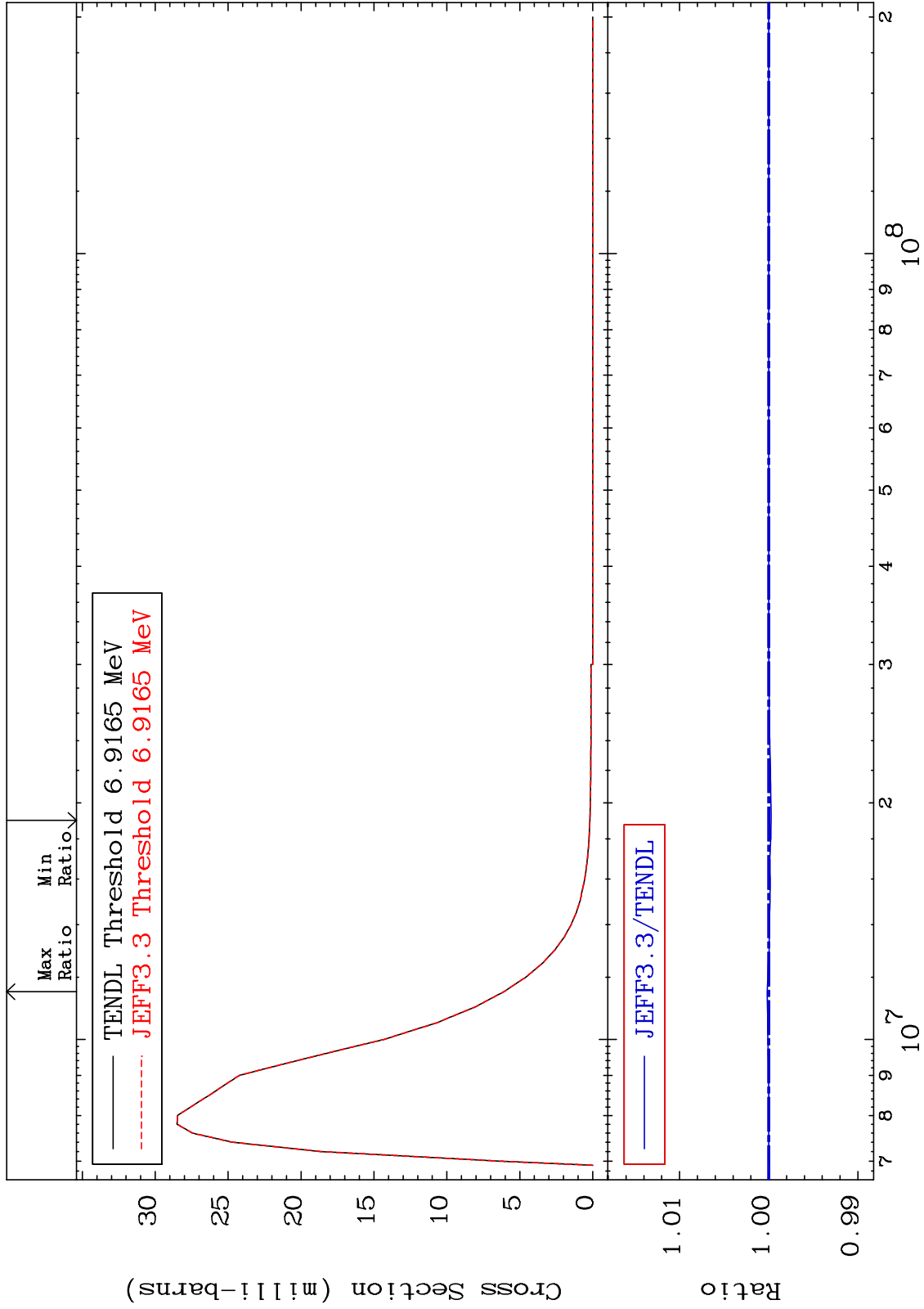
14-Si-32

14-Si-32

MAT 1437

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

14-Si-32
-0.028 To 0.017 %



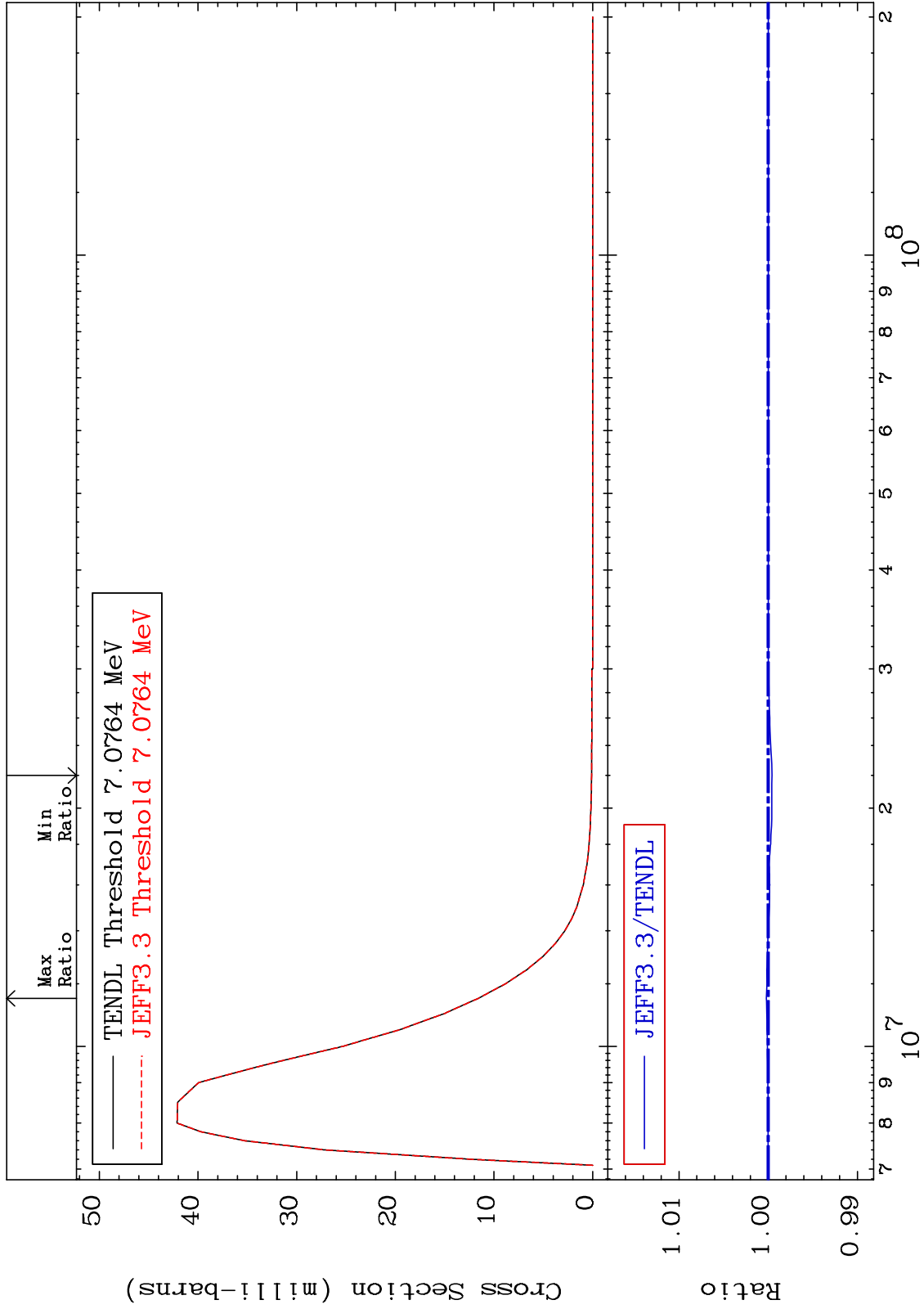
31

14-Si-32

MAT 1437

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

14-Si-32
-0.043 To 0.020 %



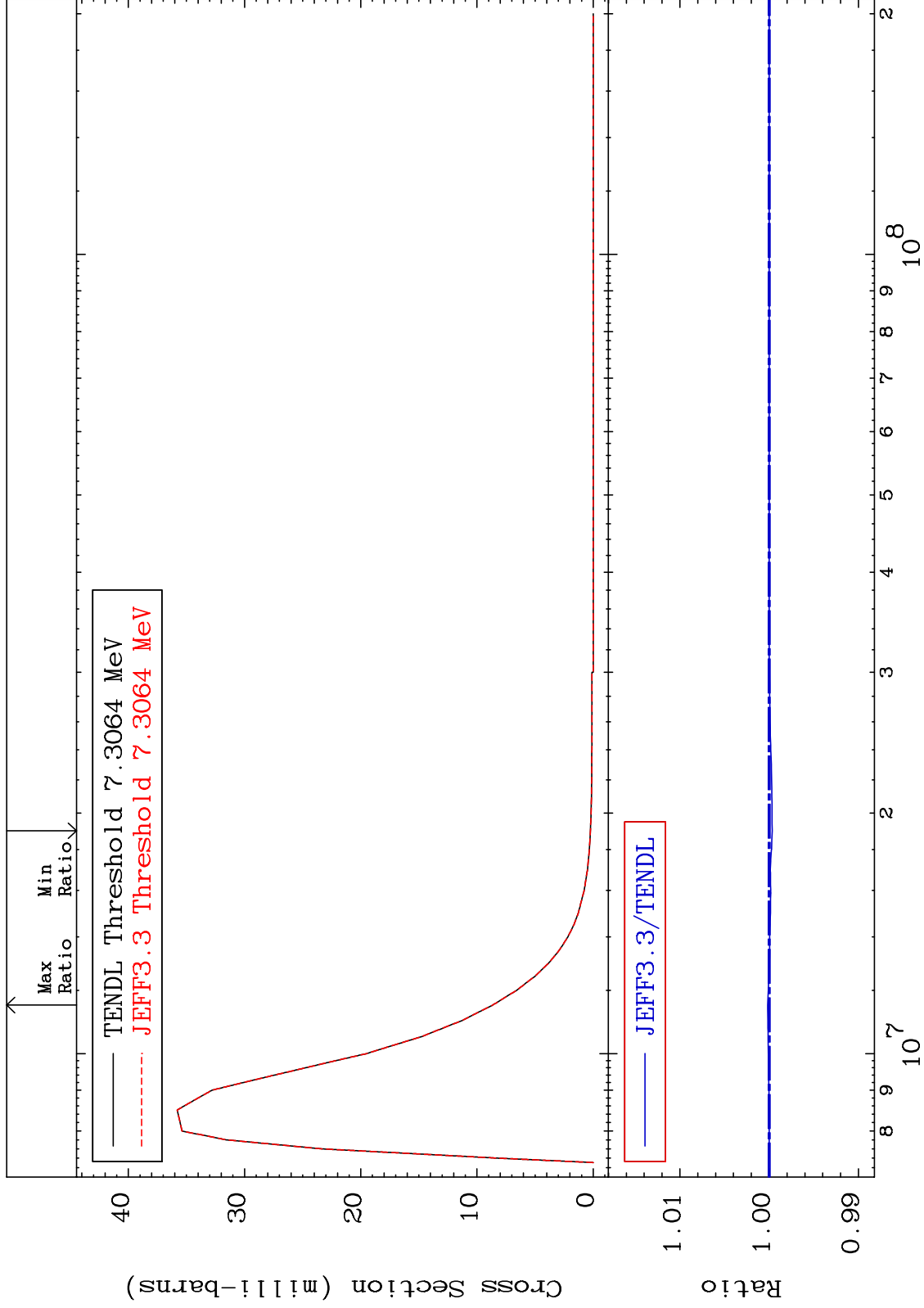
32

14-Si-32

MAT 1437

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

14-Si-32
-0.033 To 0.017 %



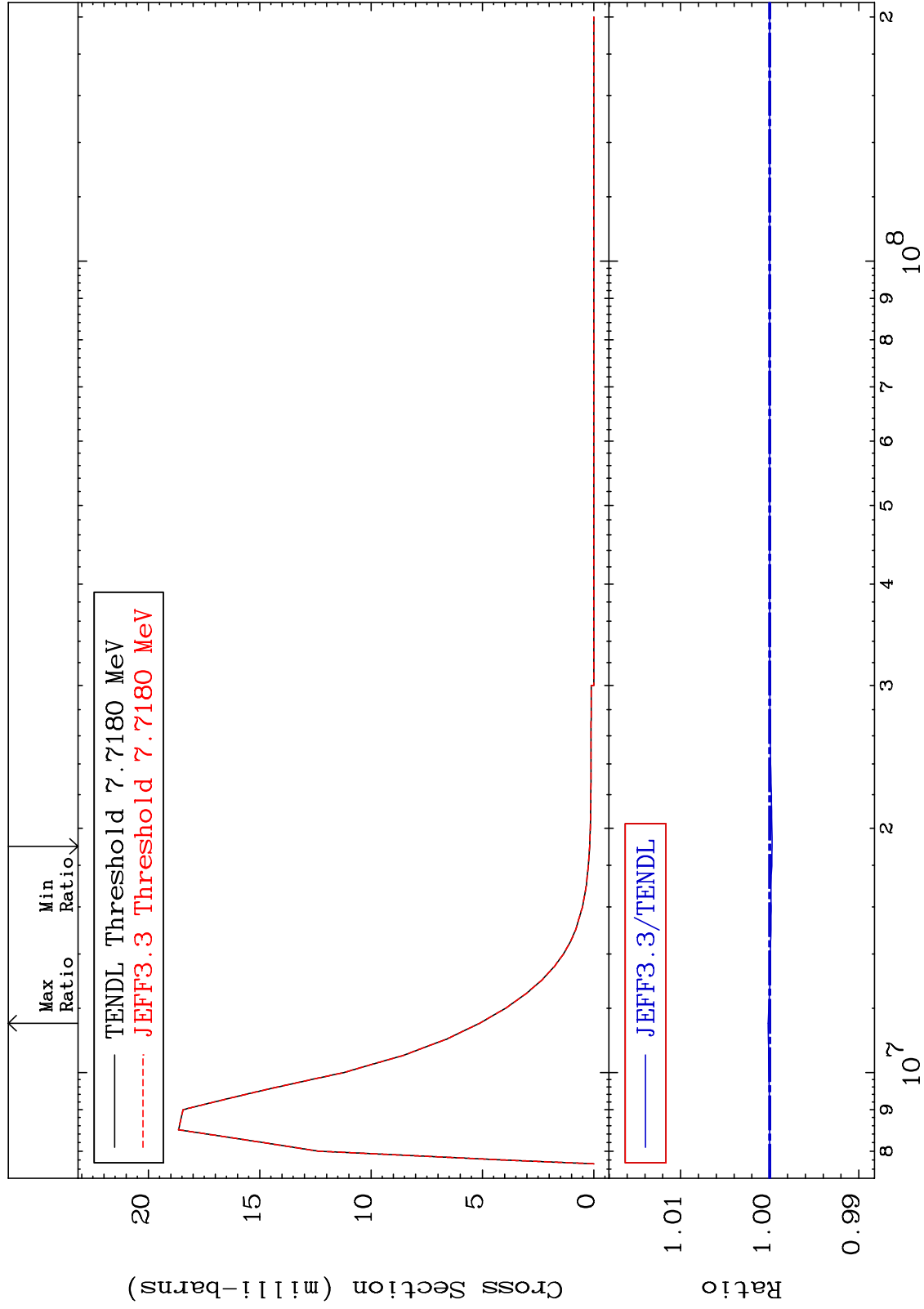
33

14-Si-32

MAT 1437

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

14-Si-32
-0.027 To 0.017 %



34

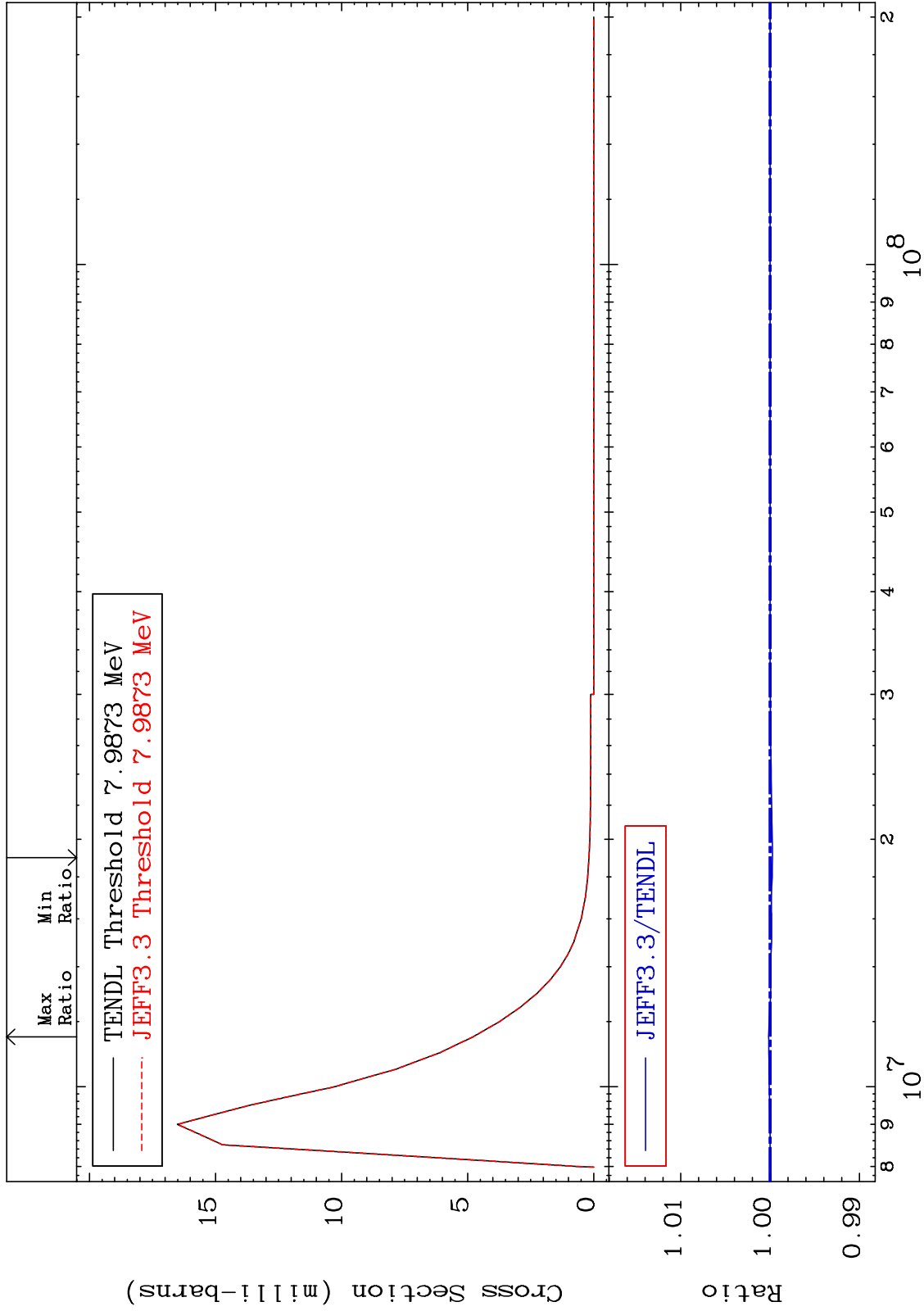
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.026 To 0.017 %



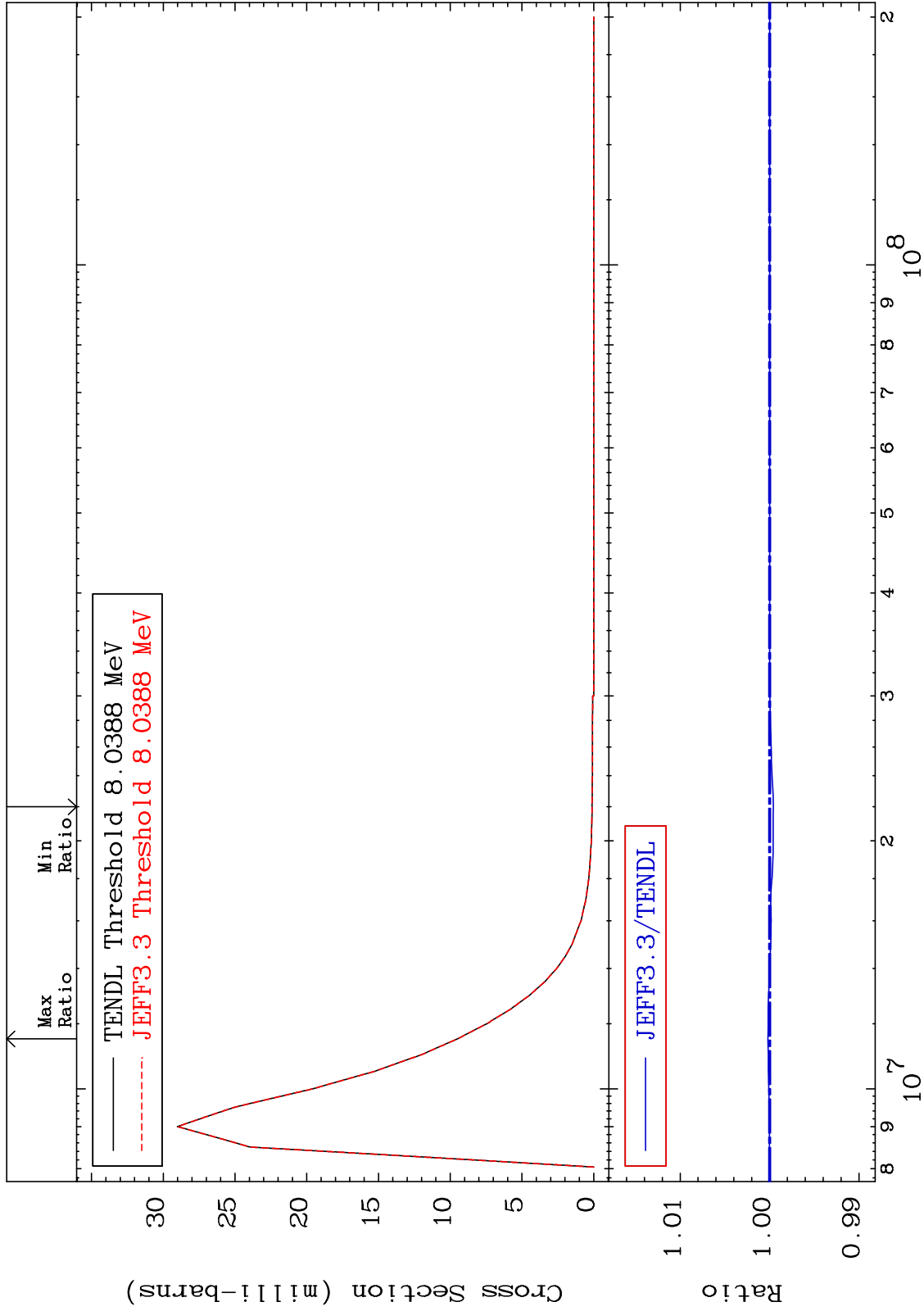
35

14-Si-32

MAT 1437

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

14-Si-32
-0.042 To 0.019 %



36

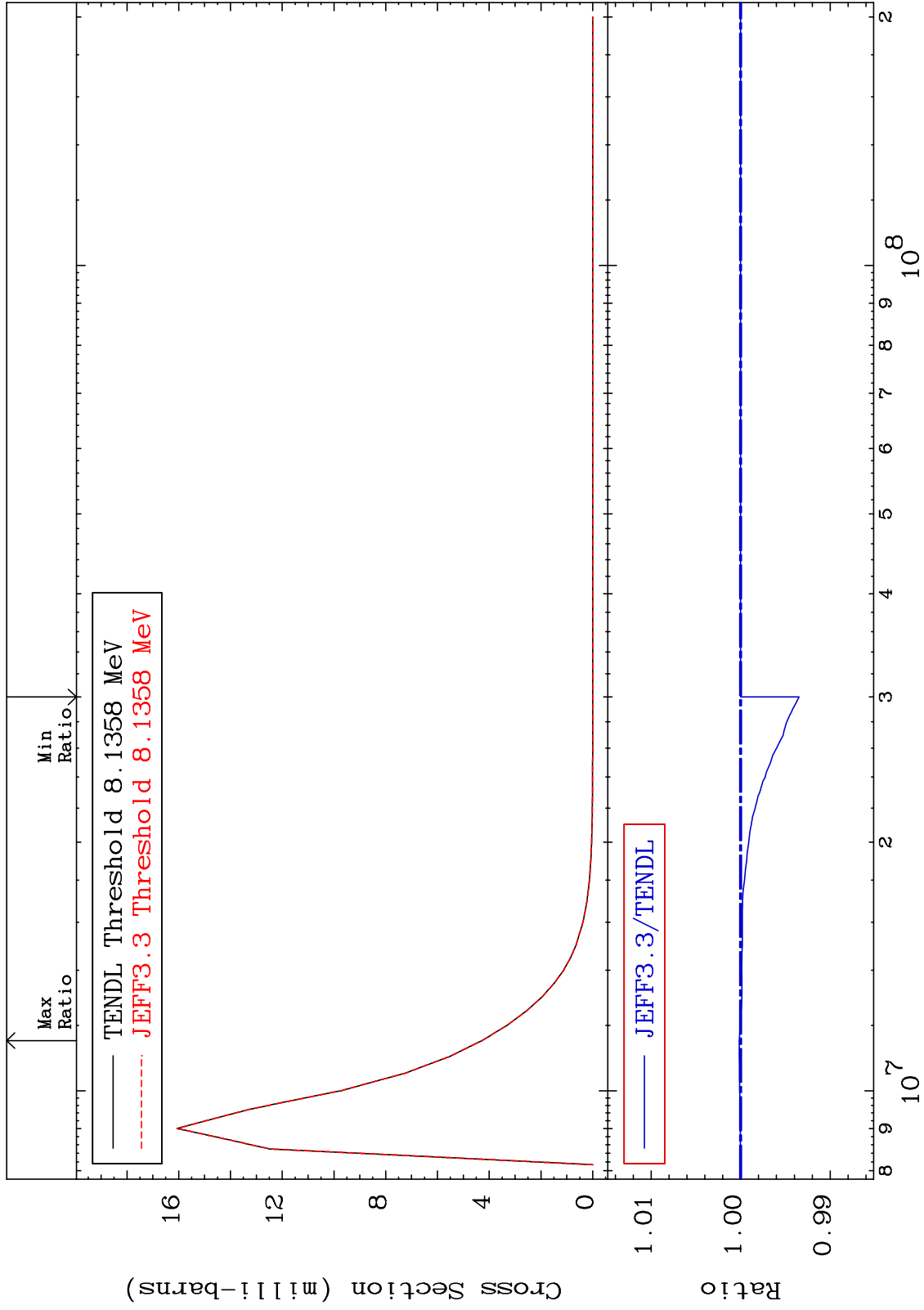
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.653 To 0.015 %



37

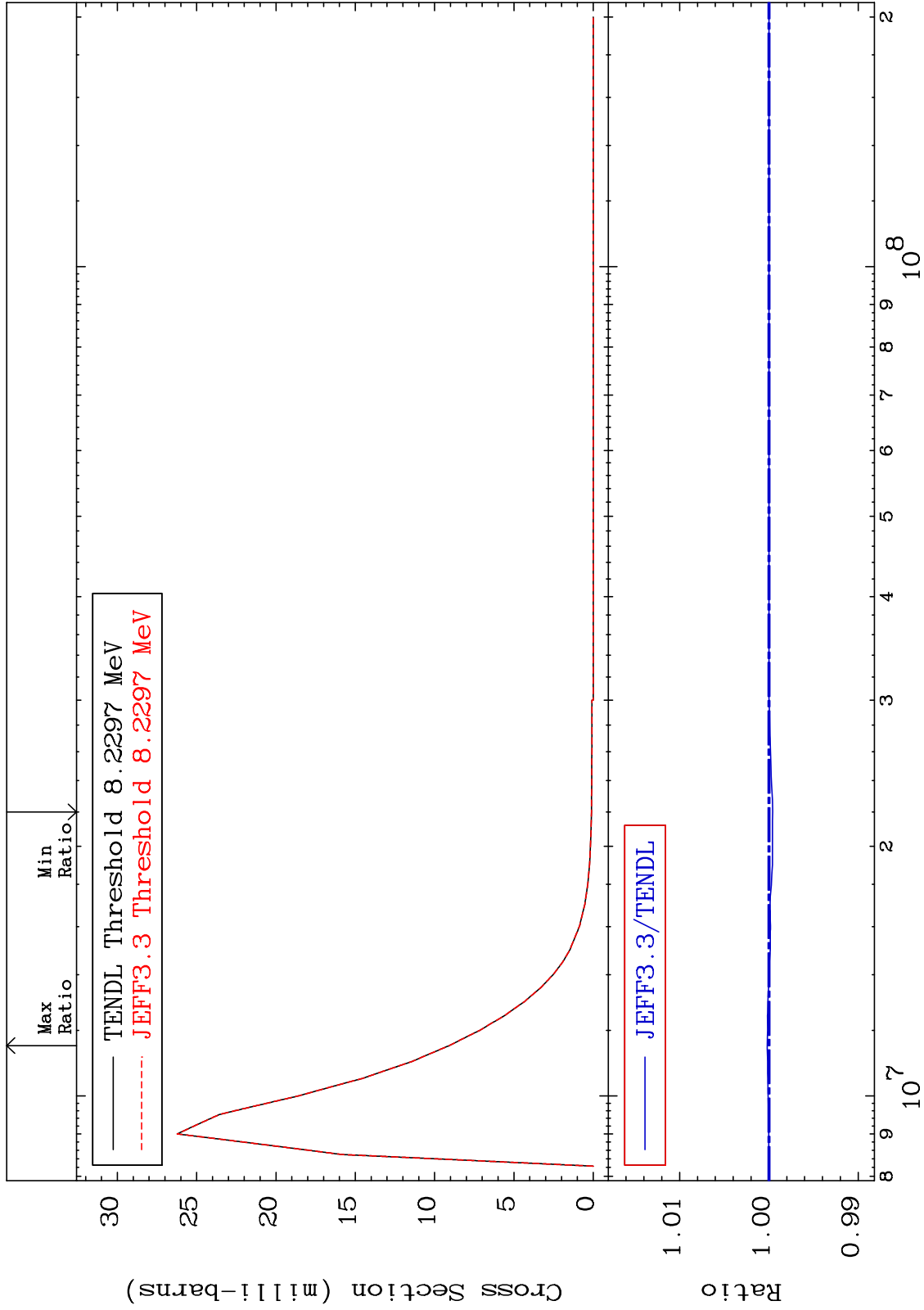
14-Si-32

14-Si-32

MAT 1437

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

14-Si-32
-0.041 To 0.019 %



38

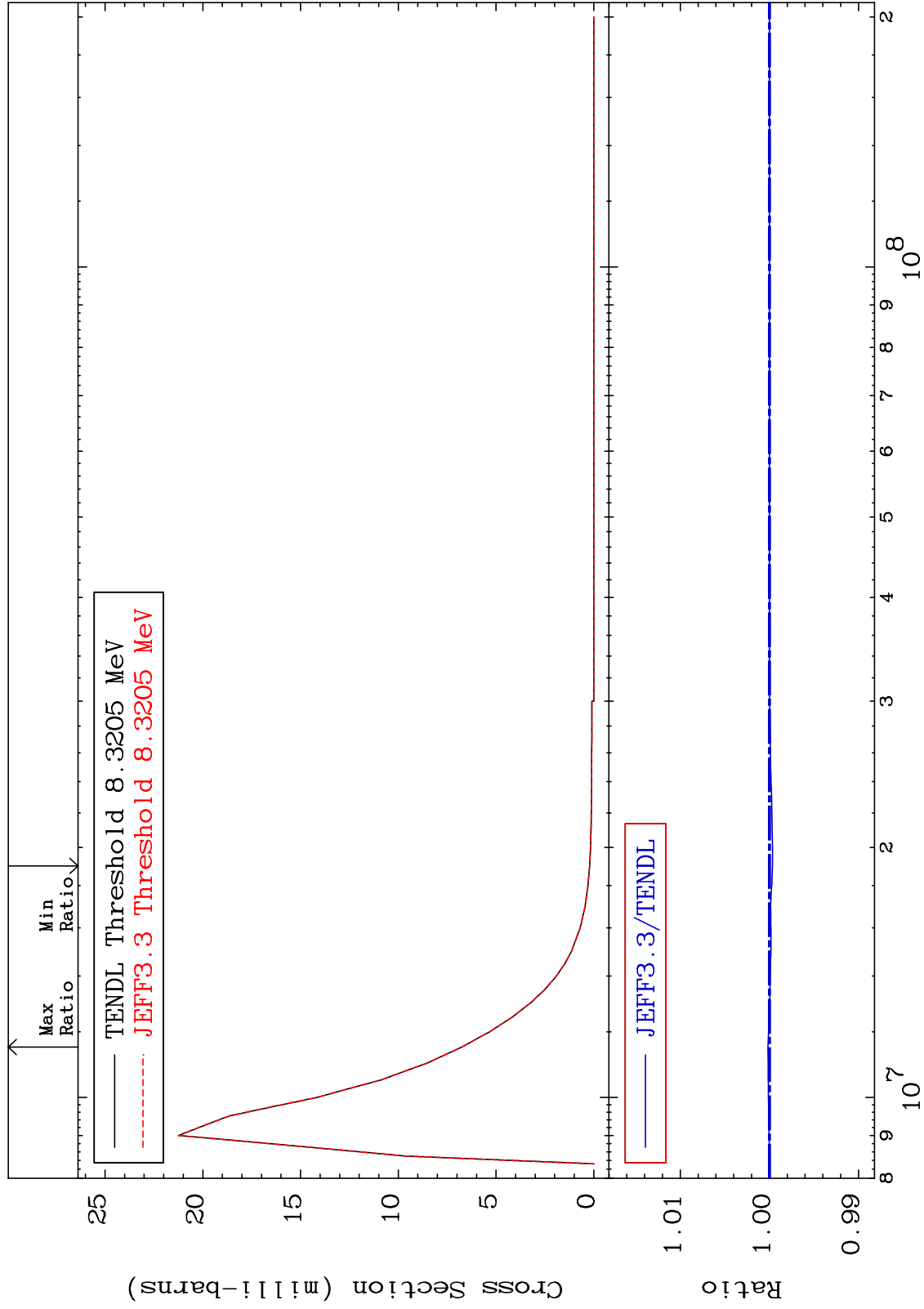
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.034 To 0.017 %



39

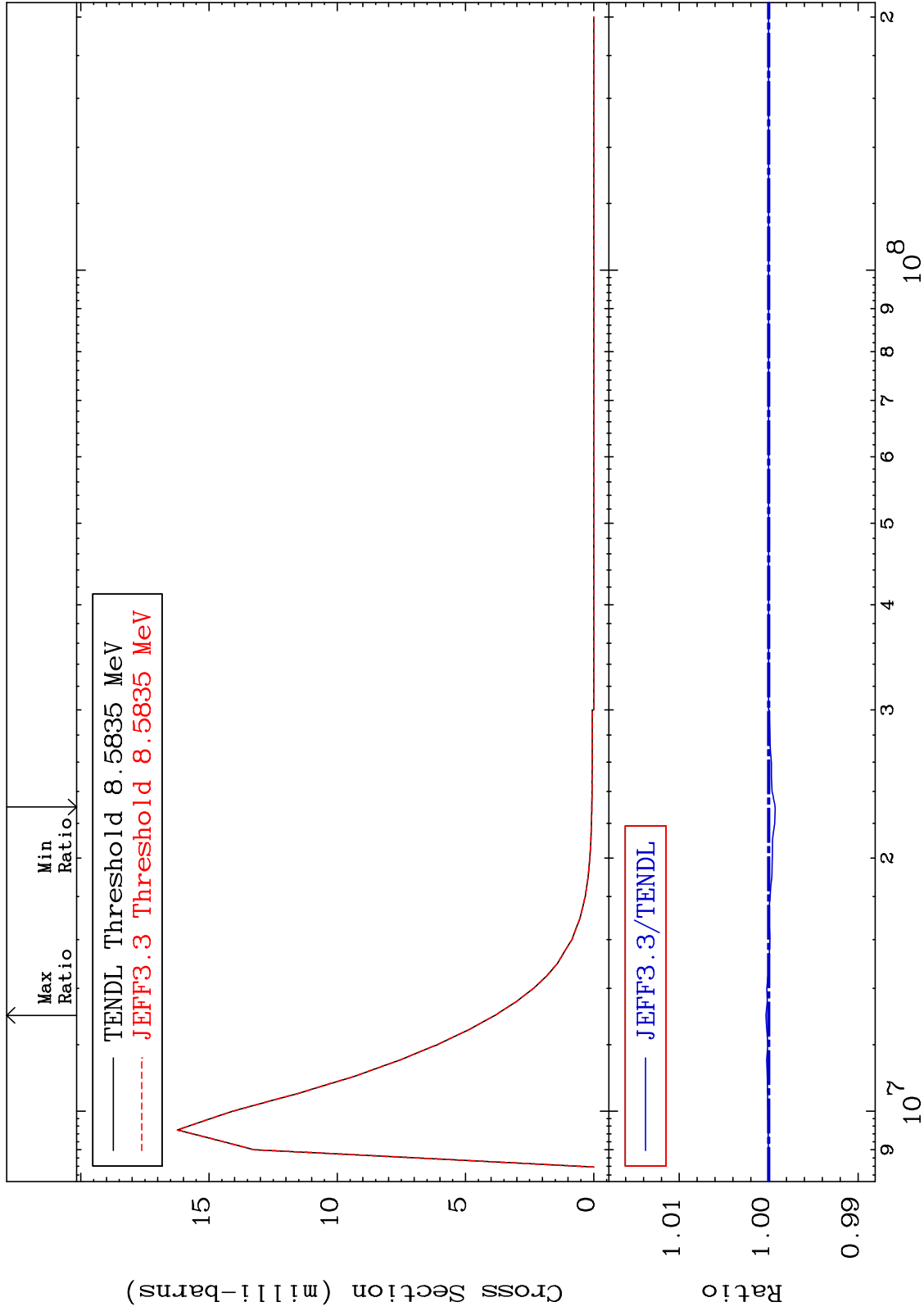
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.073 To 0.030 %



40

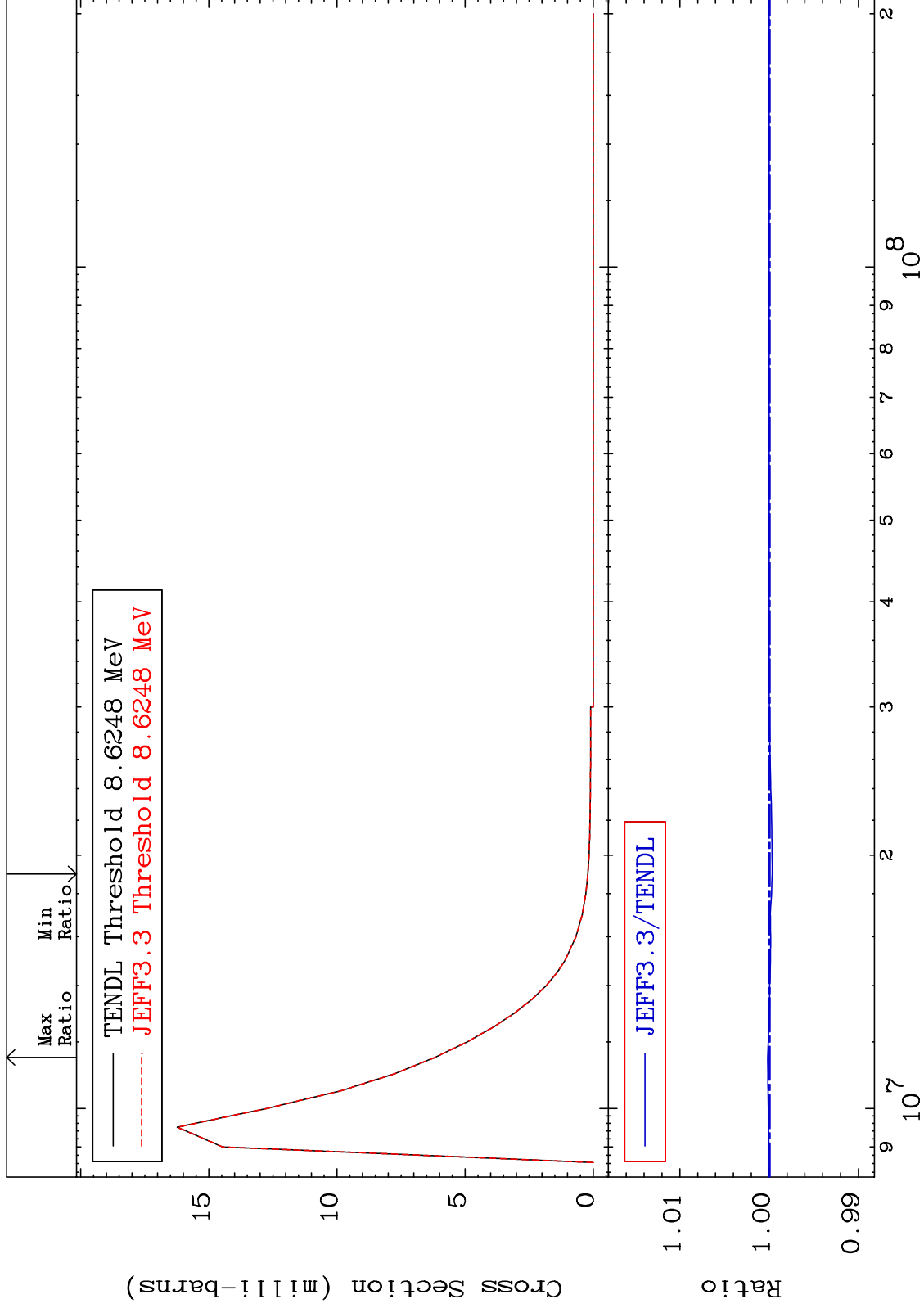
14-Si-32

14-Si-32

MAT 1437

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

14-Si-32
-0.034 To 0.017 %



41

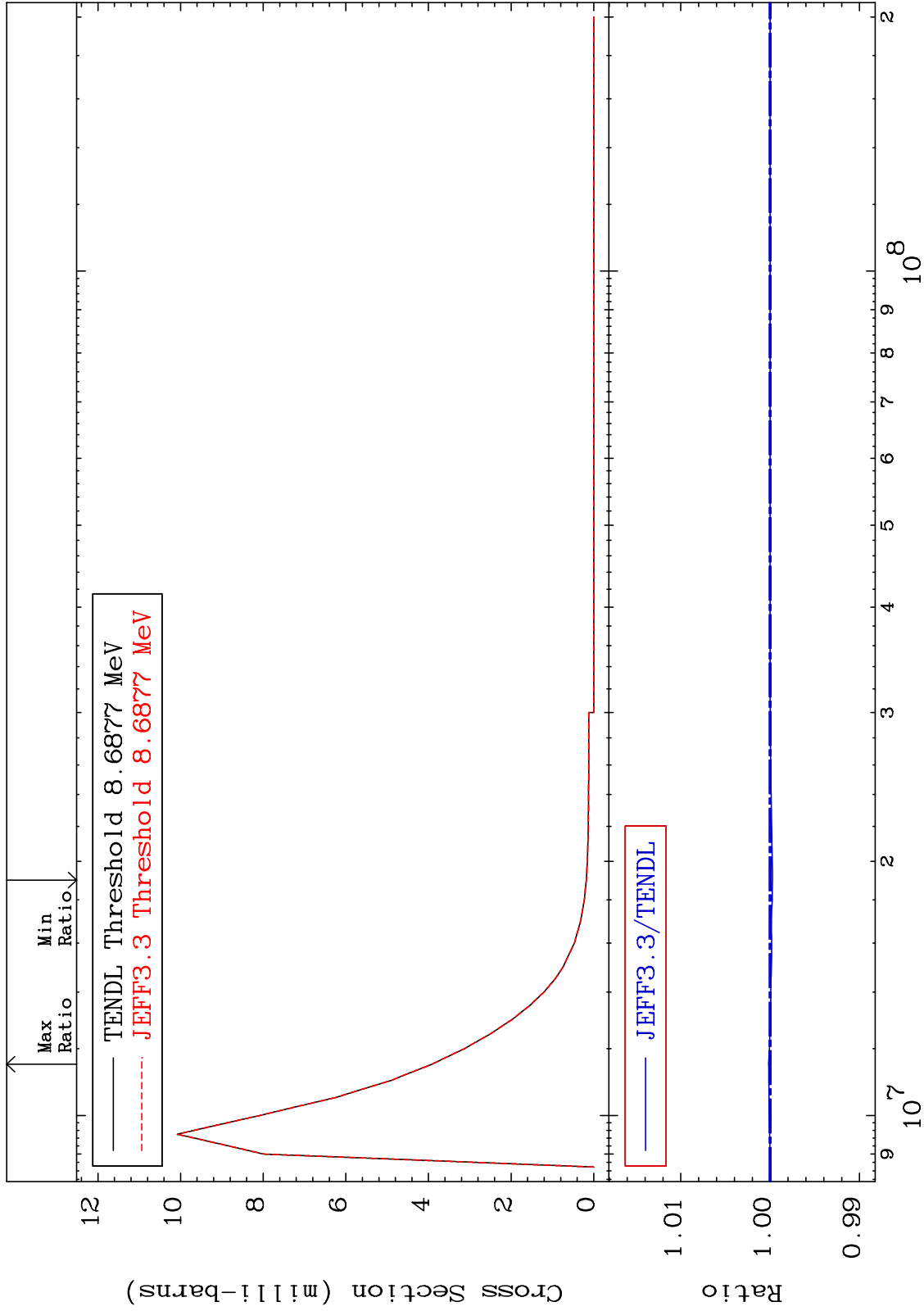
14-Si-32

14-Si-32

MAT 1437

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

14-Si-32
-0.026 To 0.017 %



42

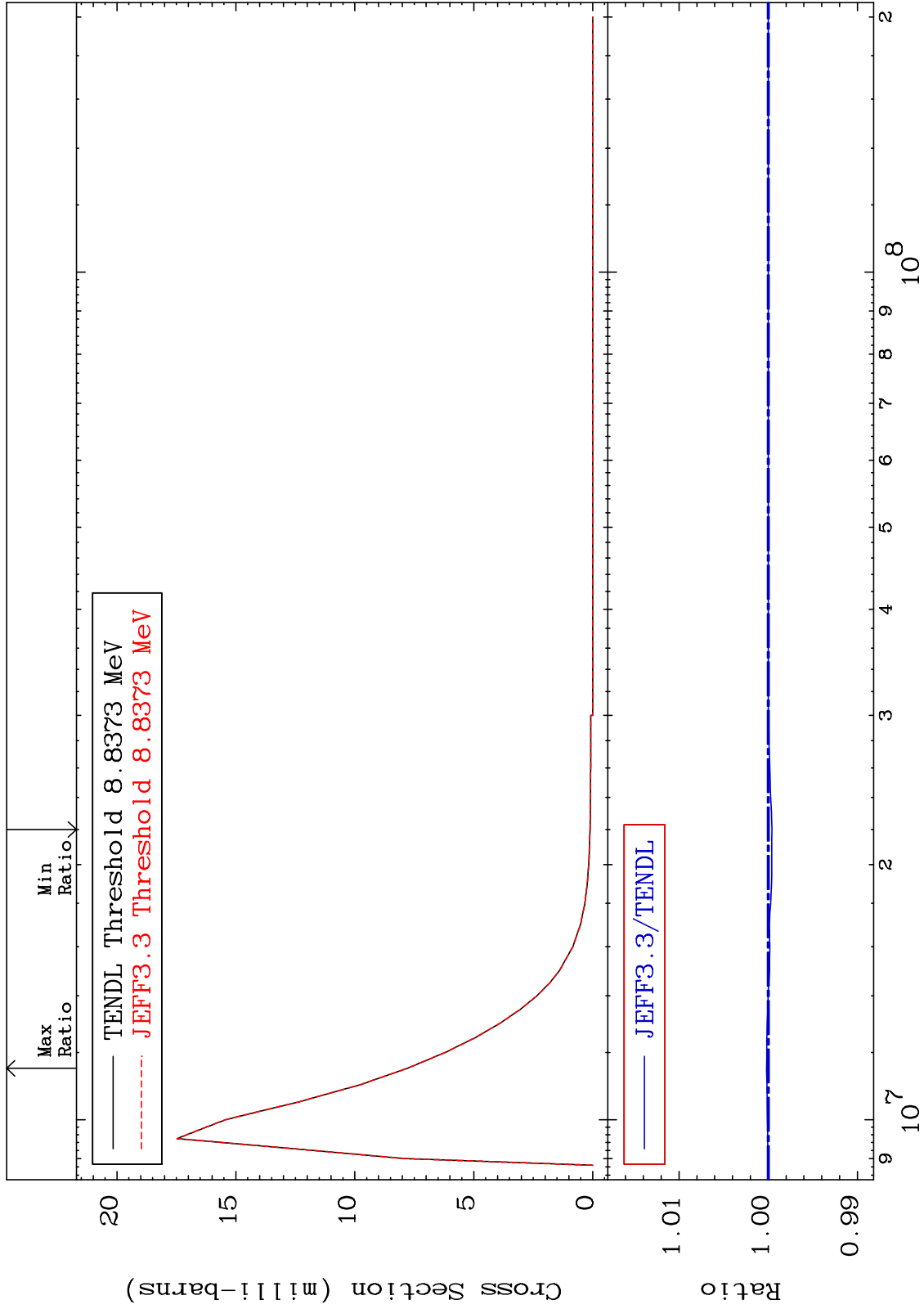
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-0.041 To 0.019 %



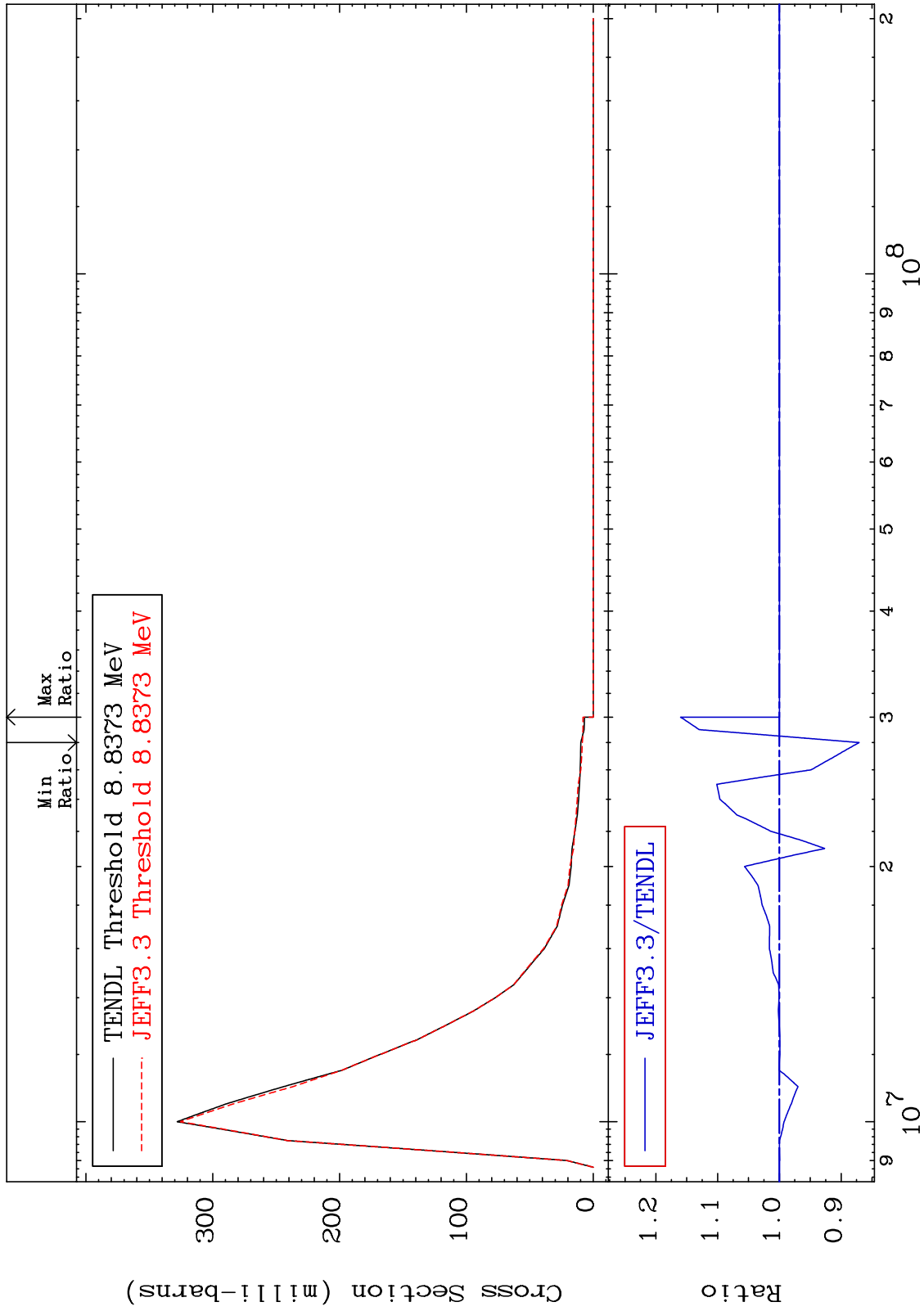
43

14-Si-32

MAT 1437

(n, n') Continuum
Cross Section

14-Si-32
-12.92 To 16.00 %



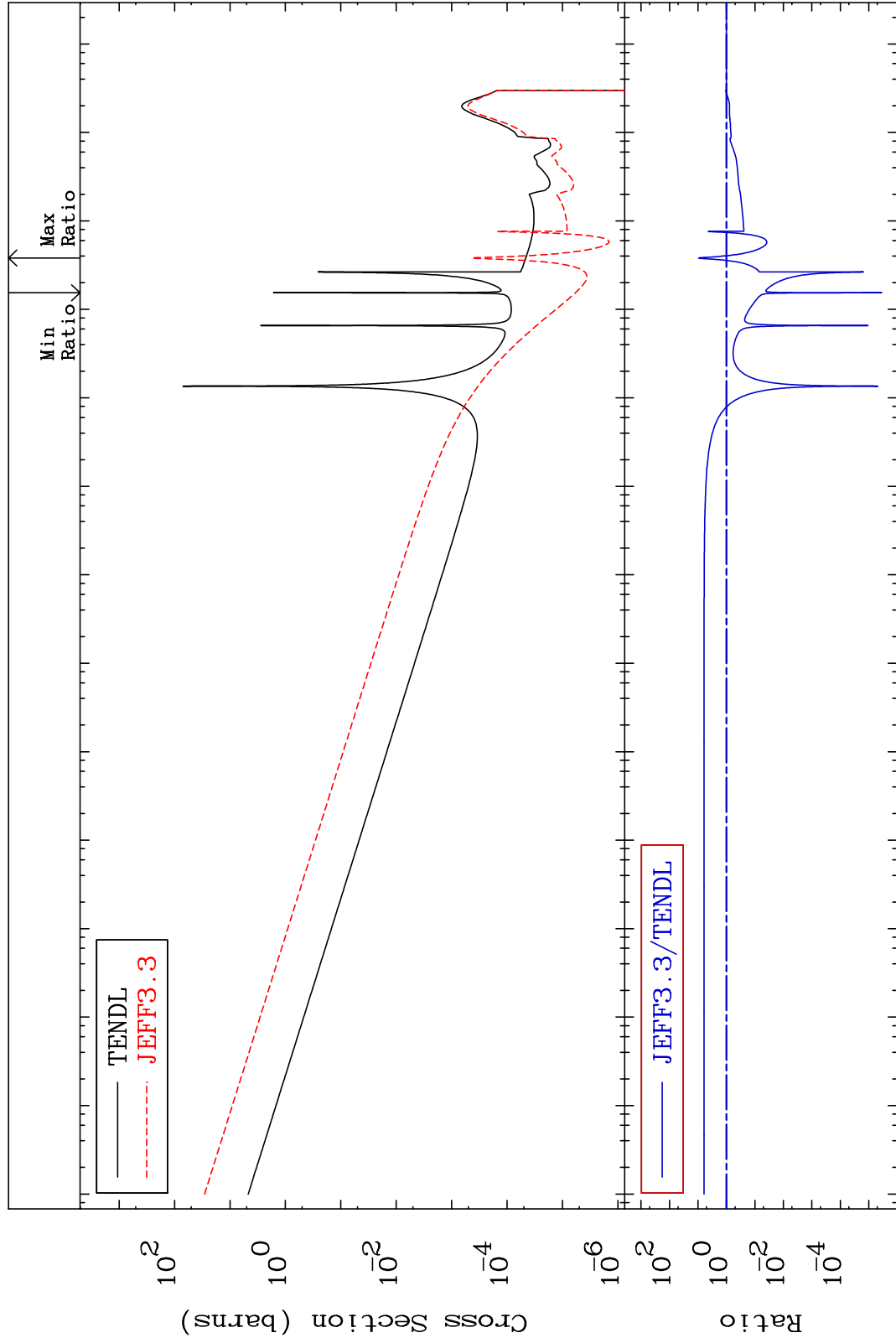
MAT 1437

(n, γ)

14-Si-32

Cross Section

-100.0 To 841.8 %



45

Incident Energy (eV)

14-Si-32

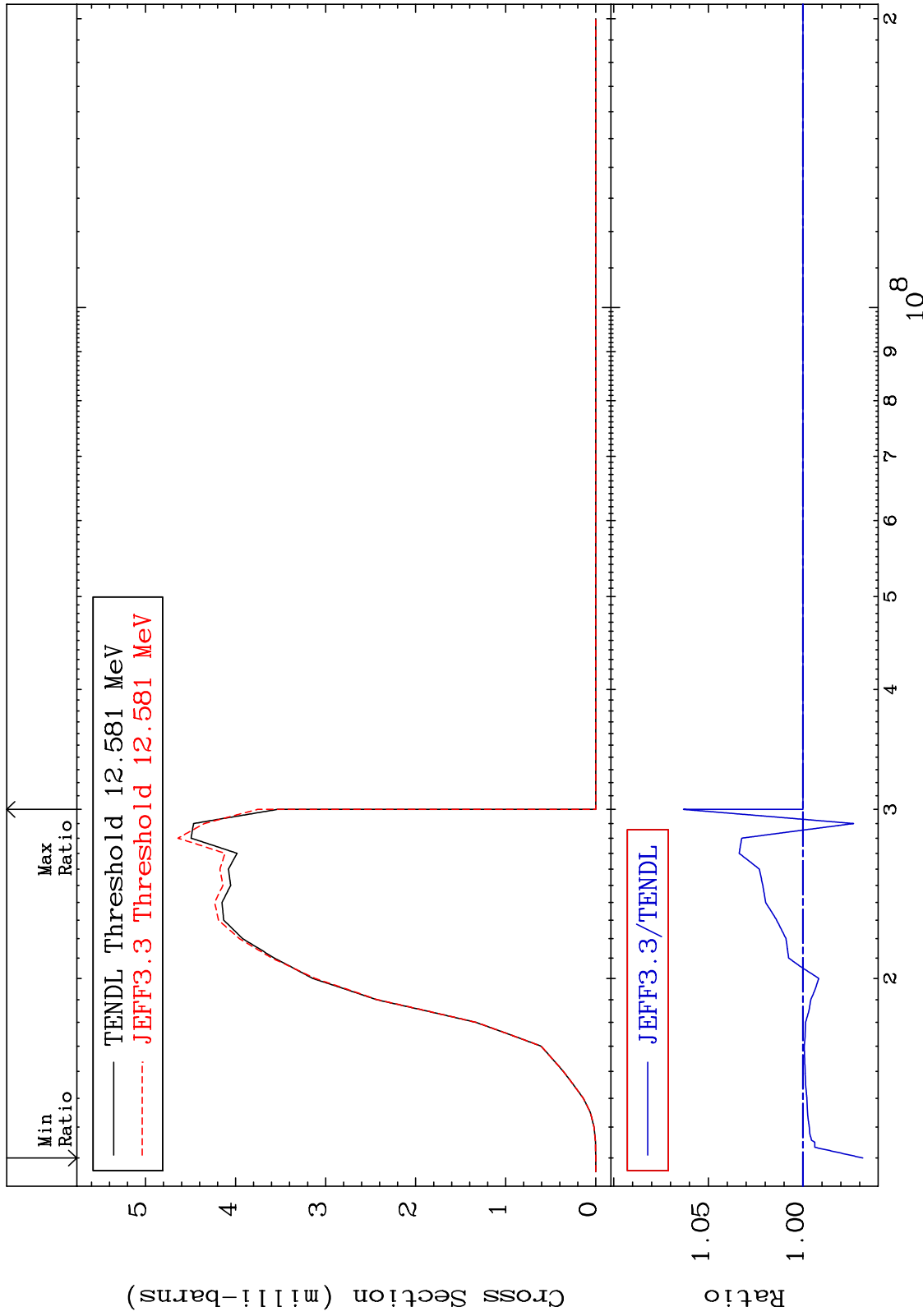
MAT 1437

(n,p)

14-Si-32

Cross Section

-3.160 To 6.312 %



46

14-Si-32

14-Si-32

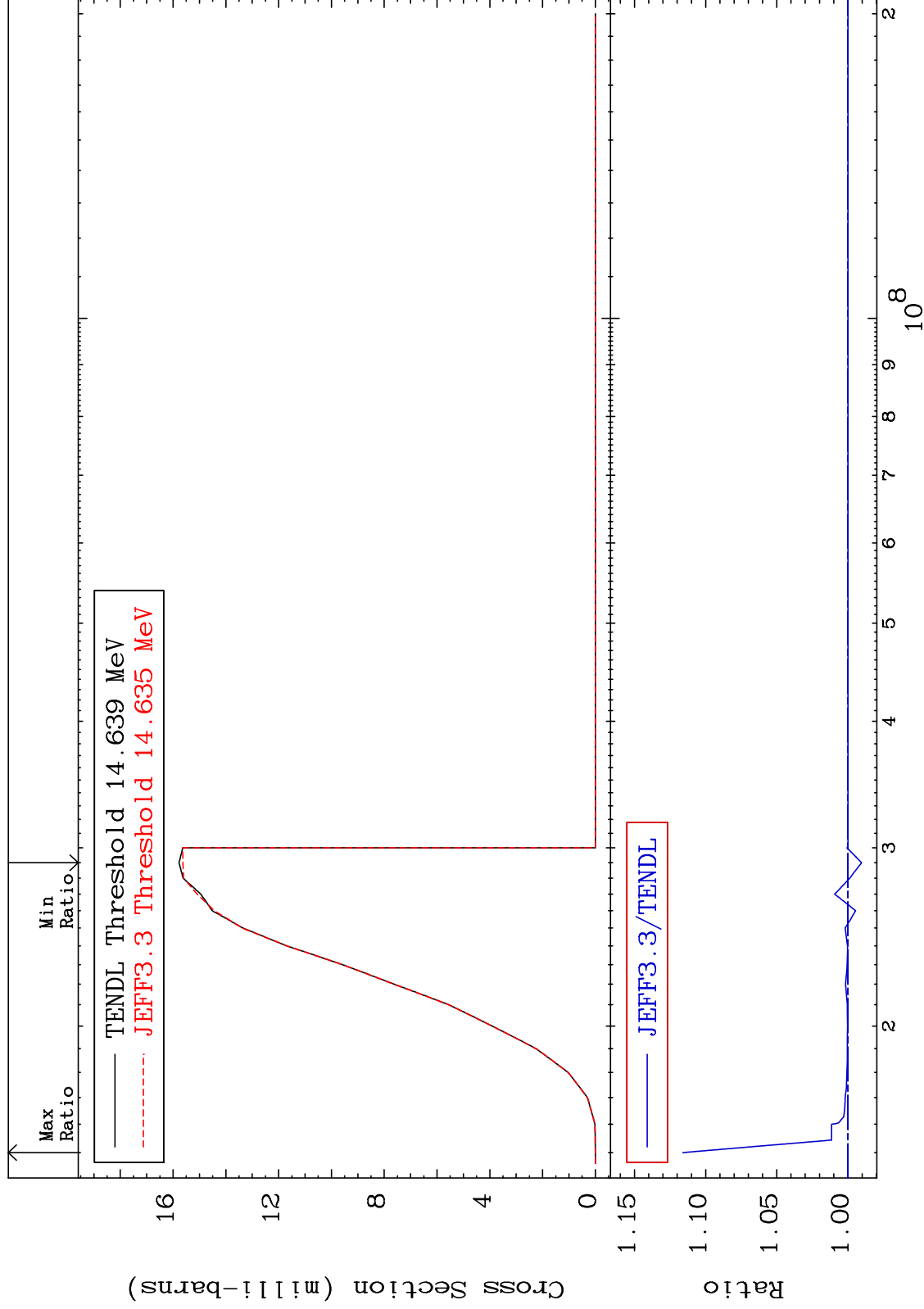
MAT 1437

(n,d)

14-Si-32

Cross Section

-0.959 To 11.60 %



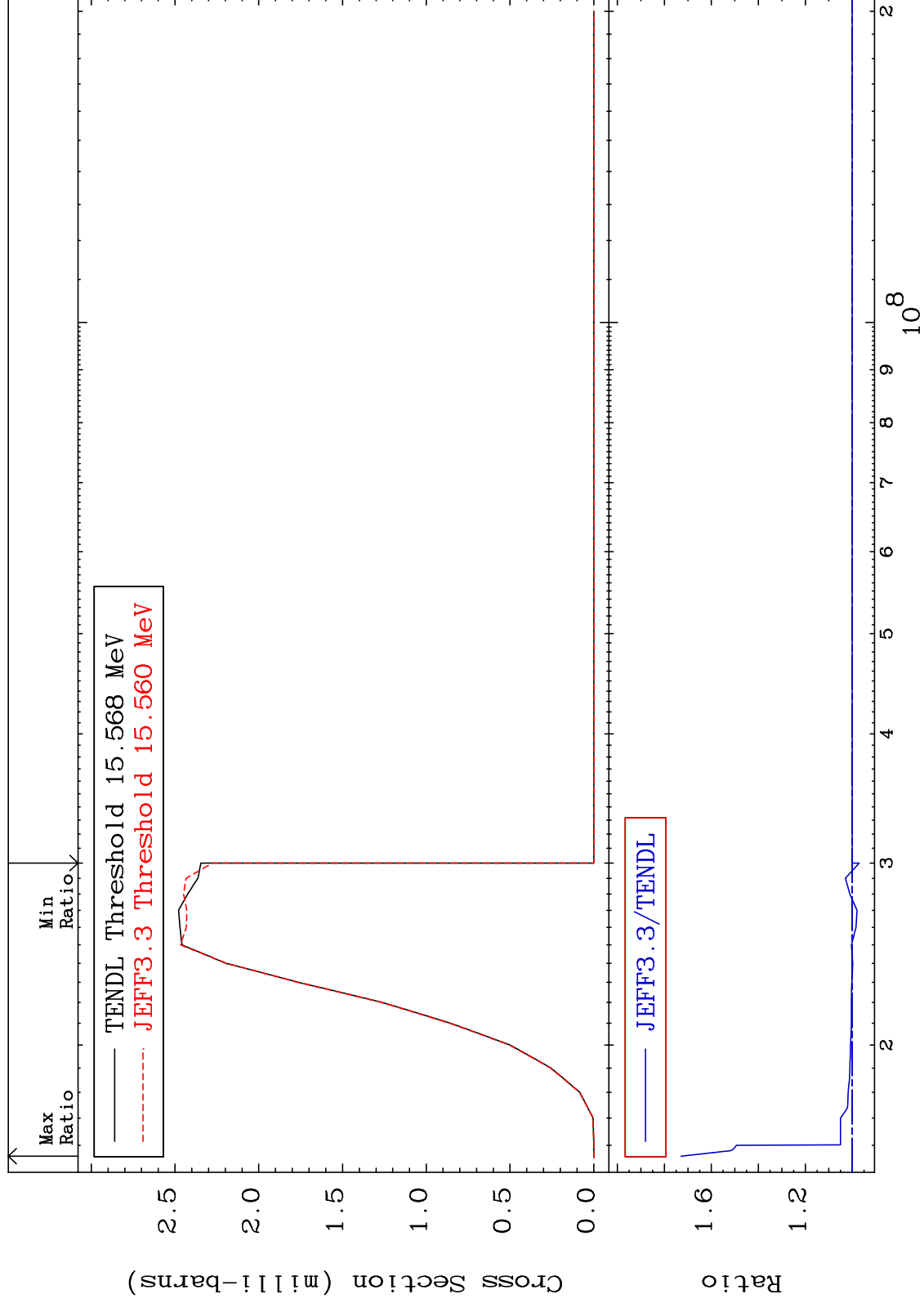
MAT 1437

(n, t)

14-Si-32

Cross Section

-2.964 To 72.91 %



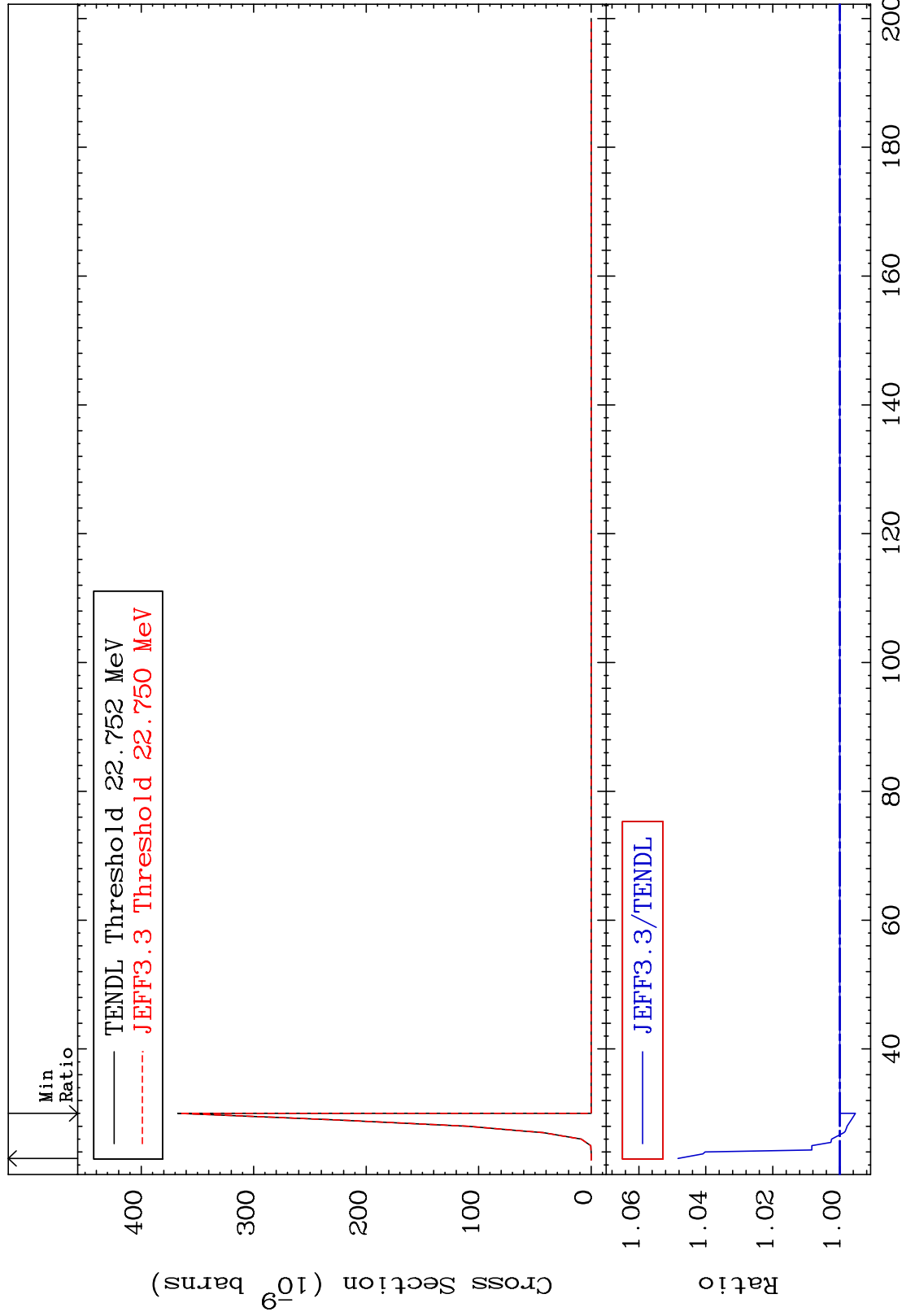
MAT 1437

(n, He-3)

14-Si-32

Cross Section

-0.468 To 4.830 %



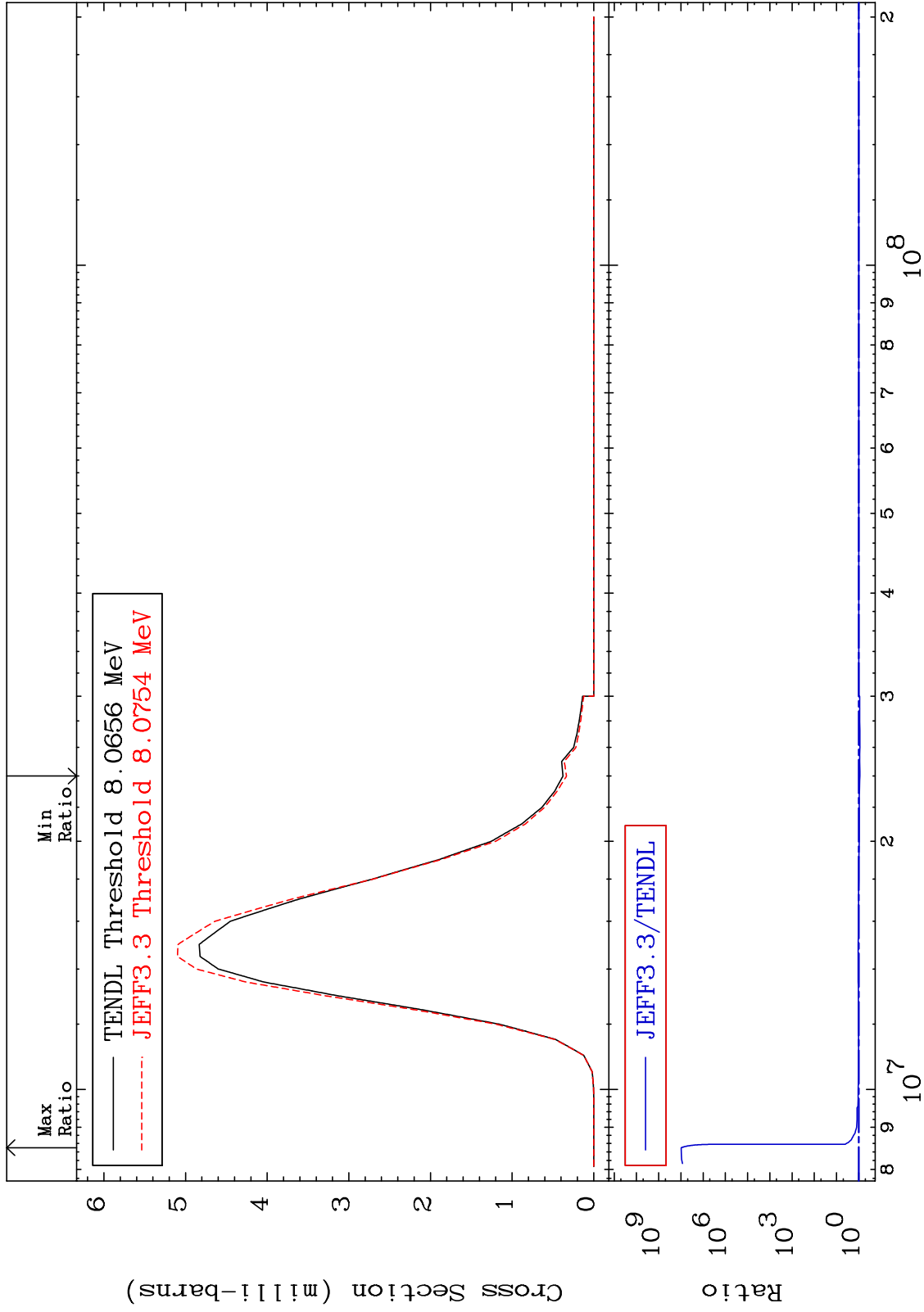
MAT 1437

(n, α)

14-Si-32

Cross Section

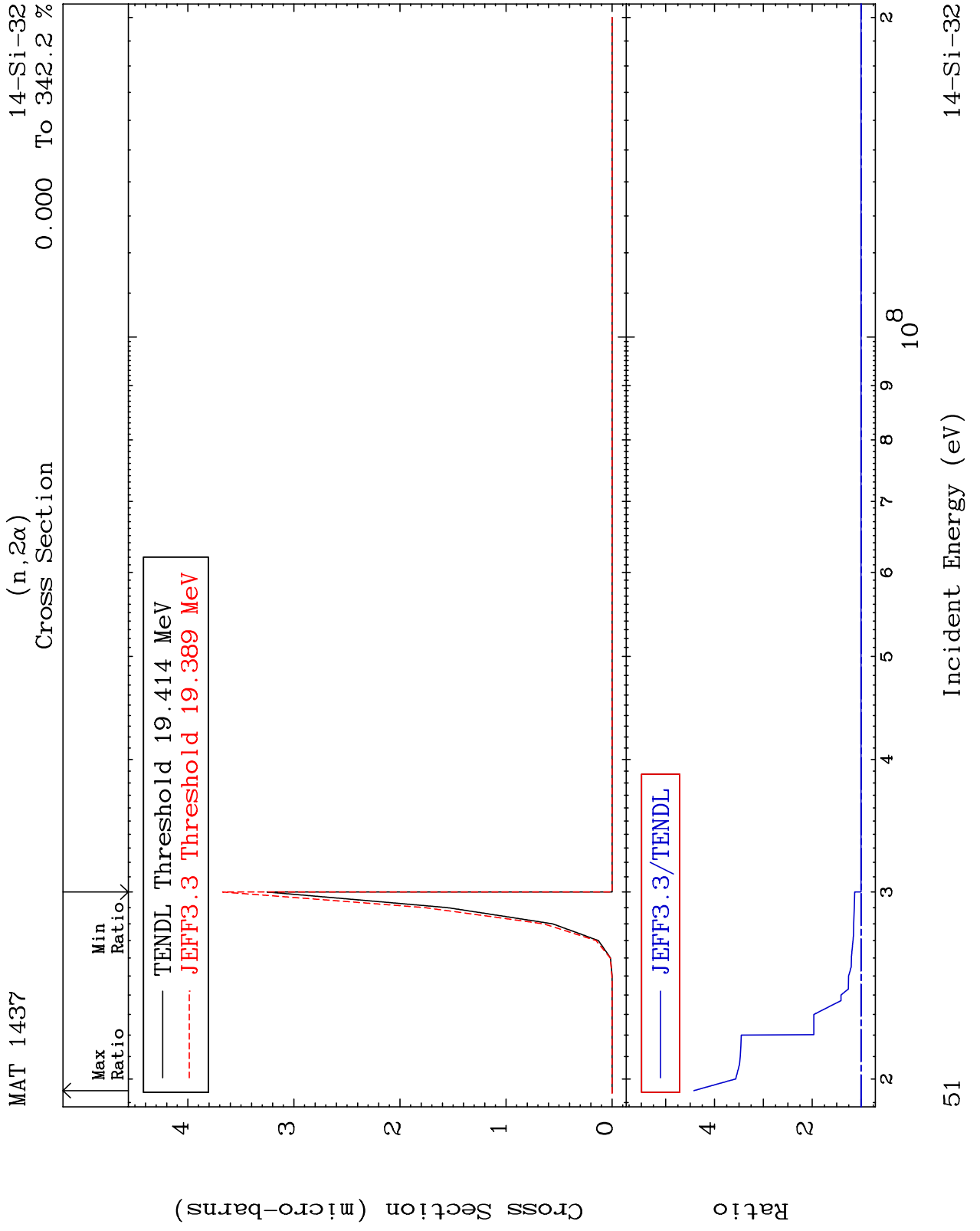
-11.53 To 9999. %



50

Incident Energy (eV)

14-Si-32



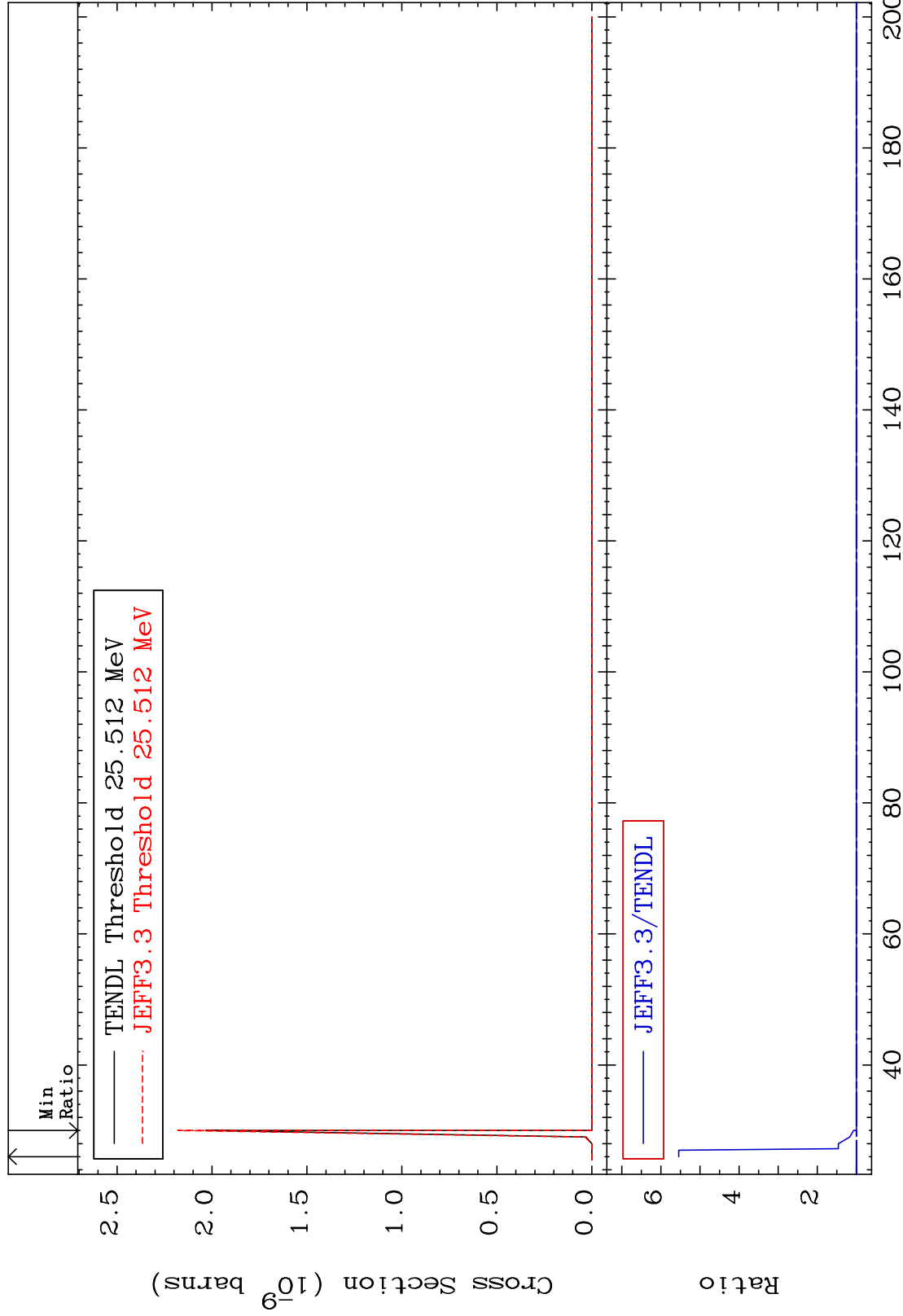
MAT 1437

(n,p) α

14-Si-32

Cross Section

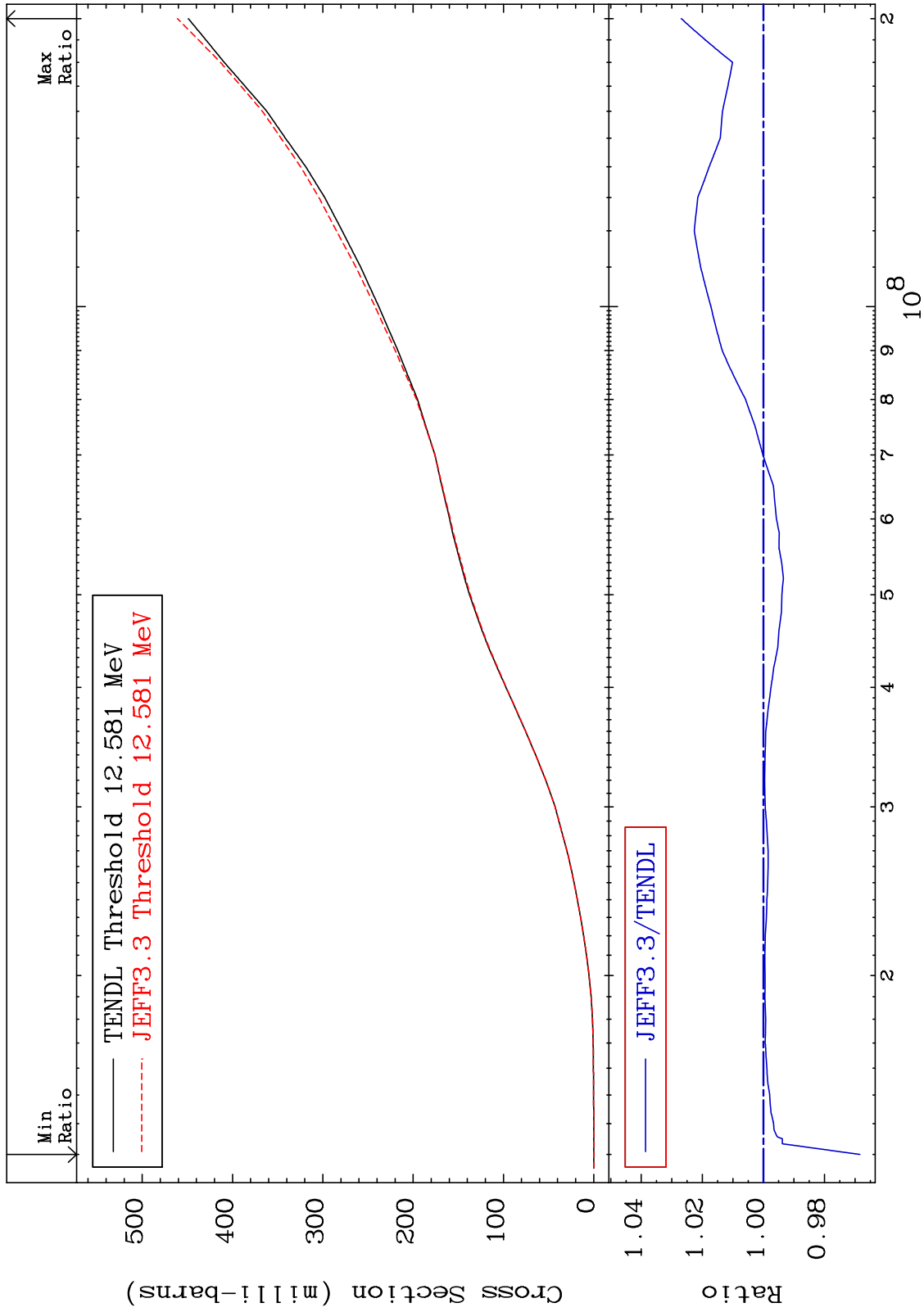
0.000 To 454.4 %



MAT 1437

Hydrogen Production
Cross Section

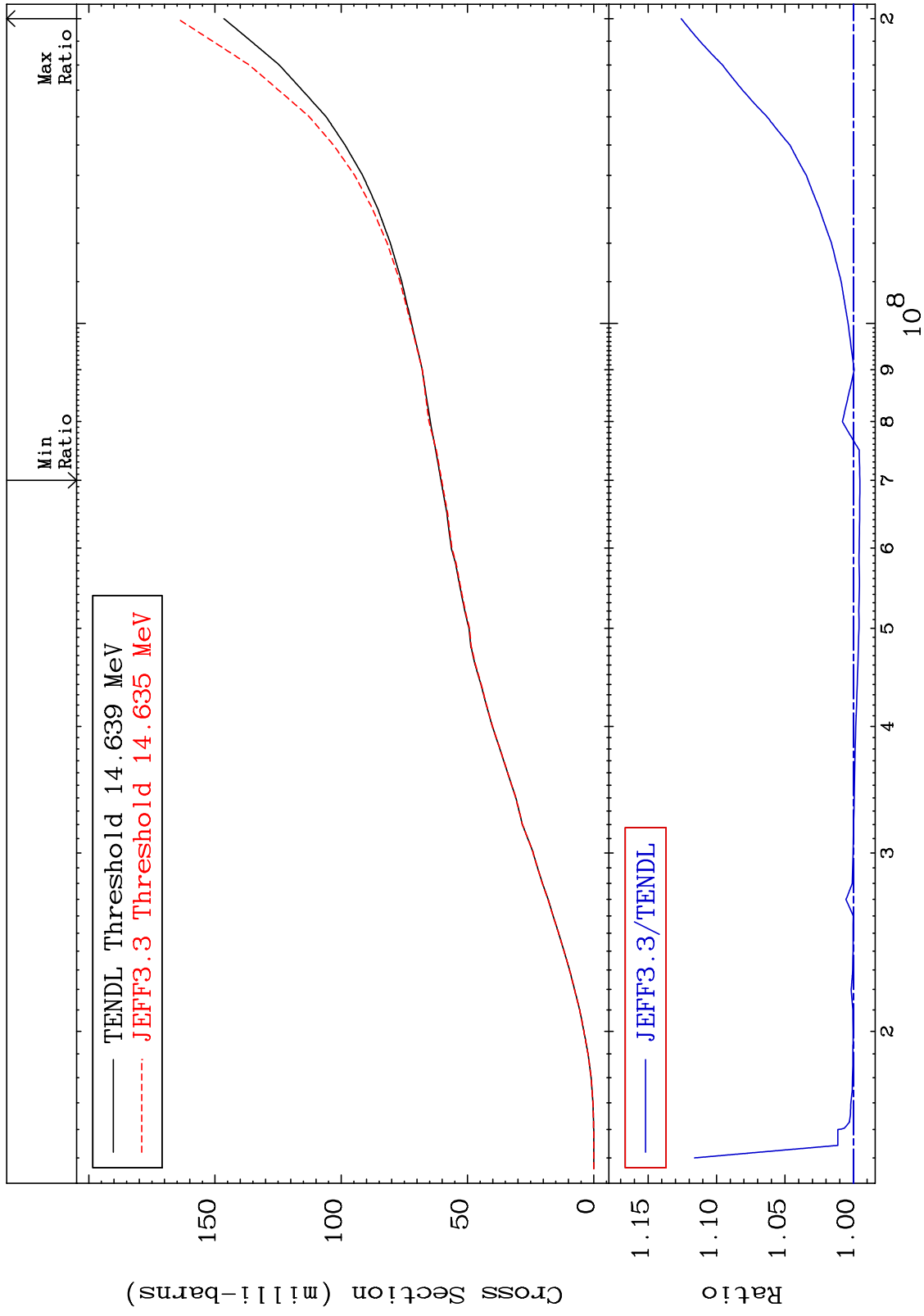
14-Si-32
-3.160 To 2.692 %



MAT 1437

Deuterium Production
Cross Section

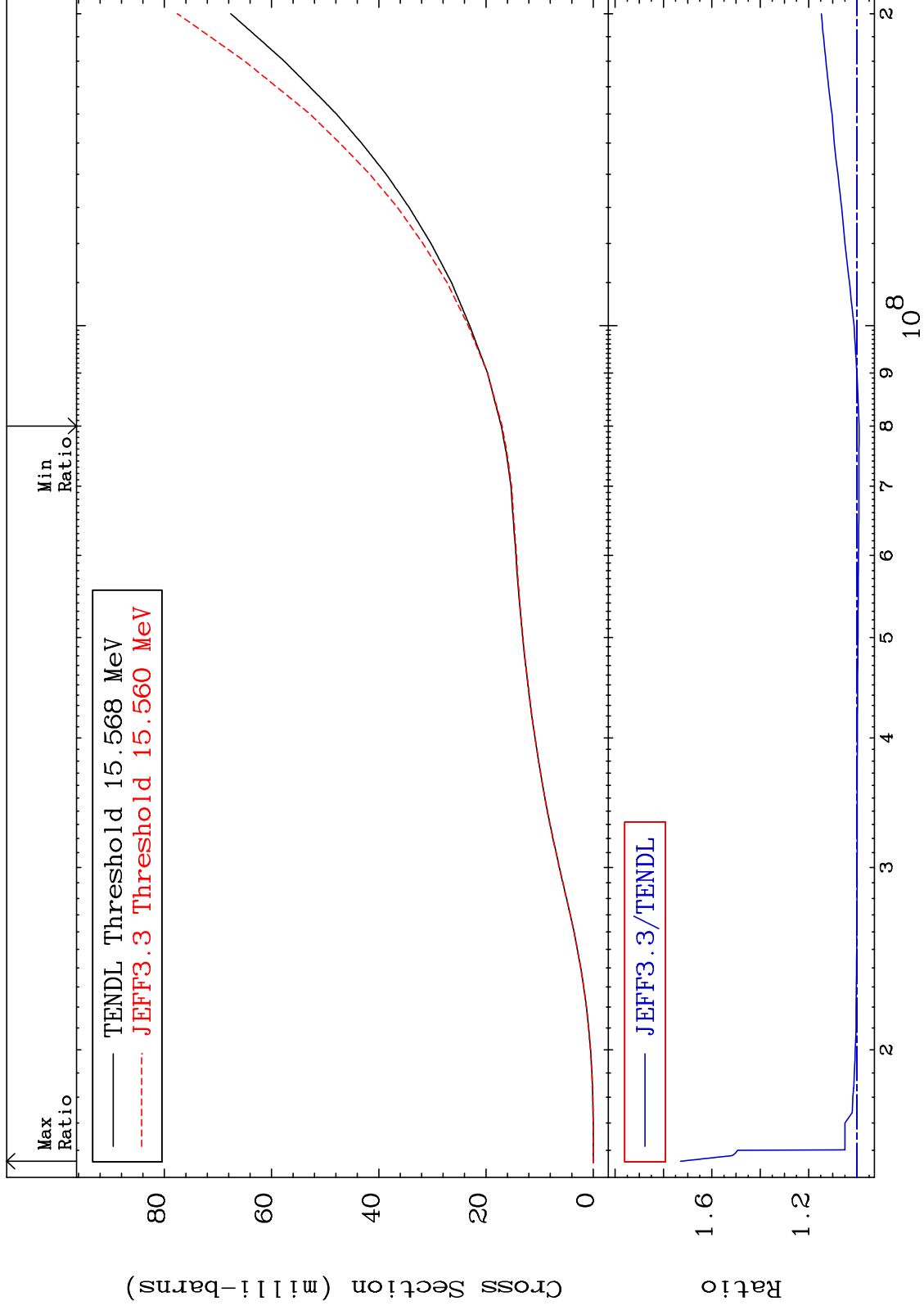
14-Si-32
-0.470 To 12.58 %



MAT 1437

Tritium Production
Cross Section

$^{14}\text{Si-32}$
-0.893 To 72.91 %



55

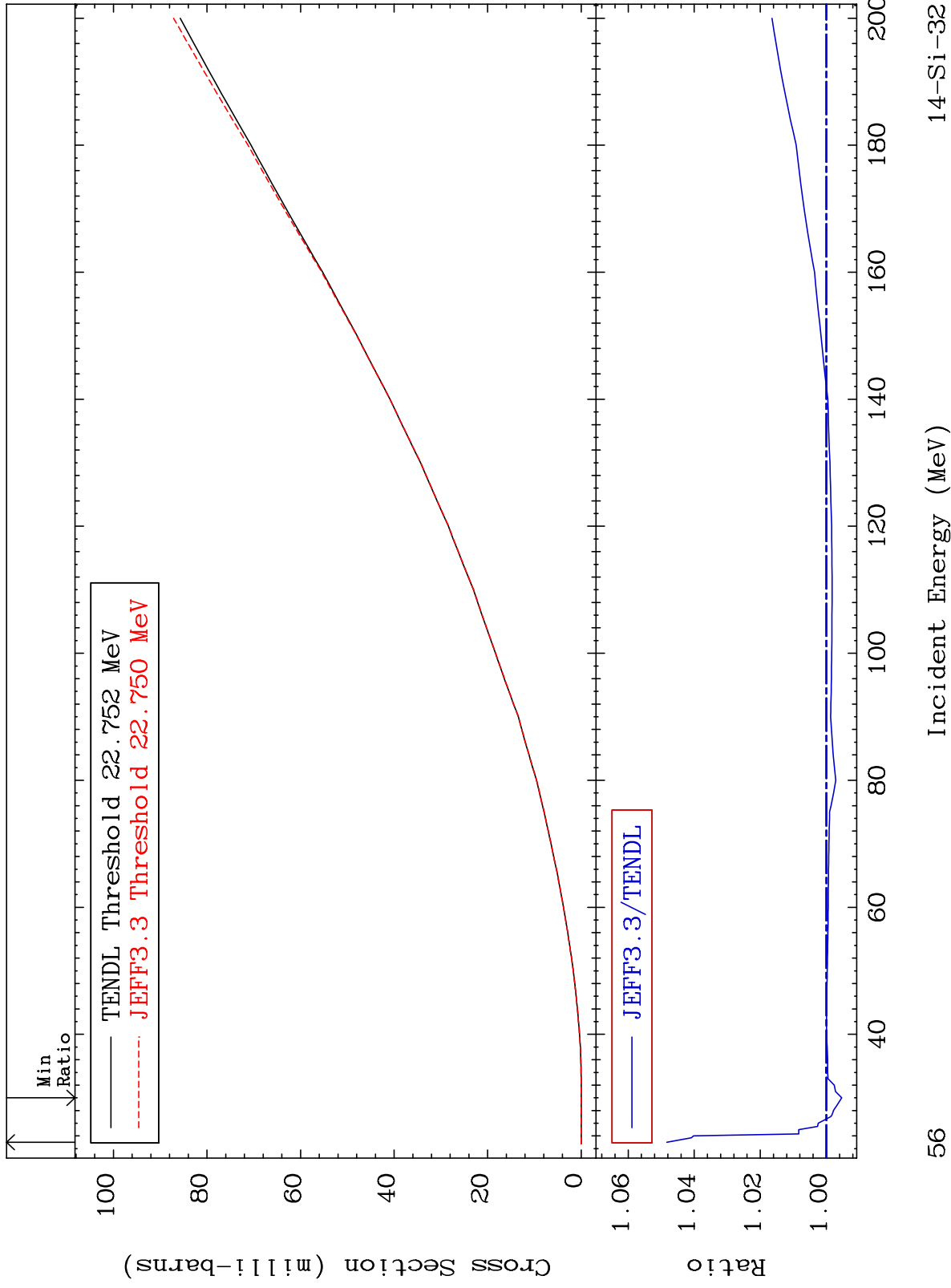
Incident Energy (eV)

$^{14}\text{Si-32}$

MAT 1437

He-3 Production
Cross Section

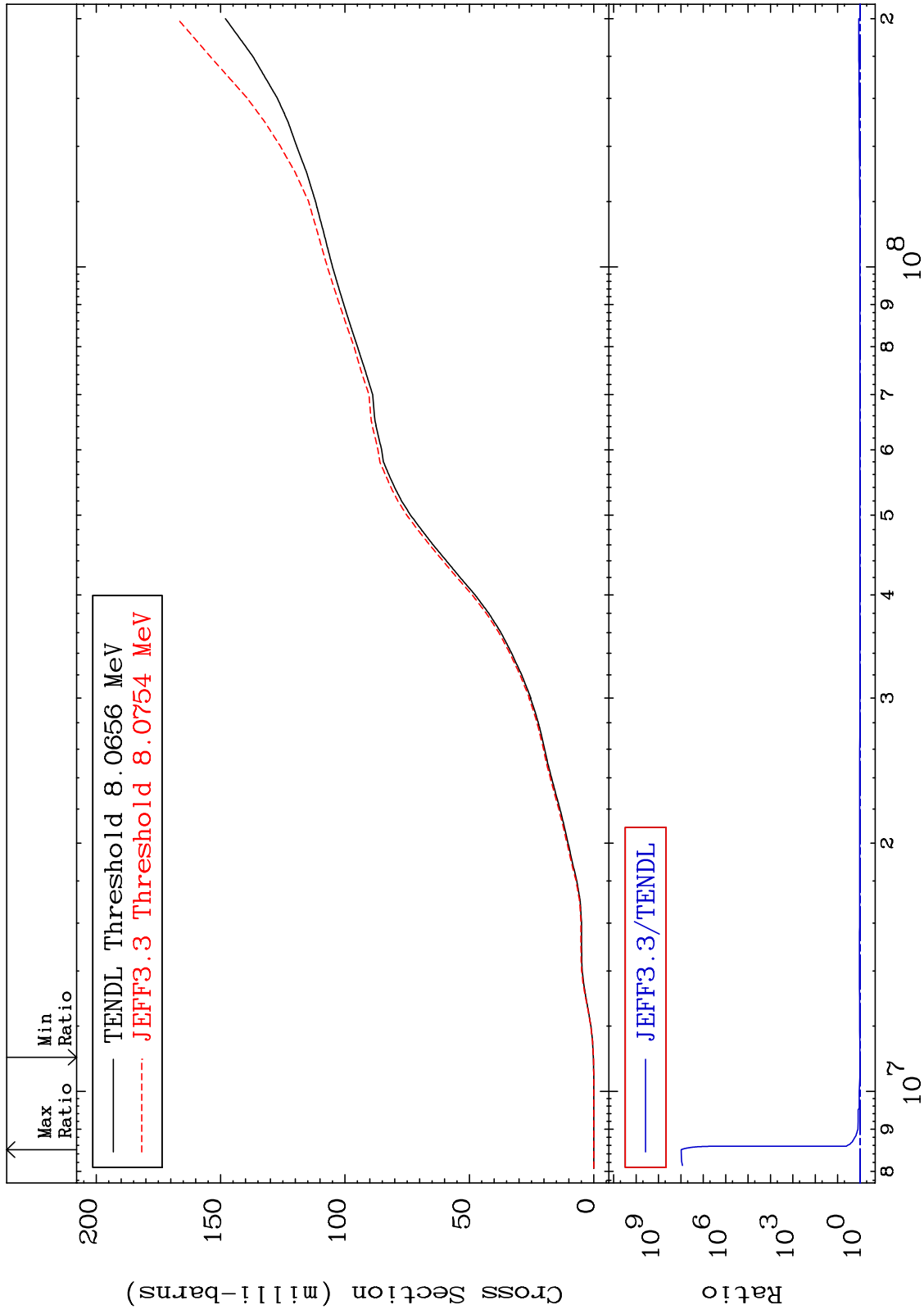
14-Si-32
-0.468 To 4.830 %



MAT 1437

He-4 Production
Cross Section

14-Si-32
0.871 To 9999. %



57

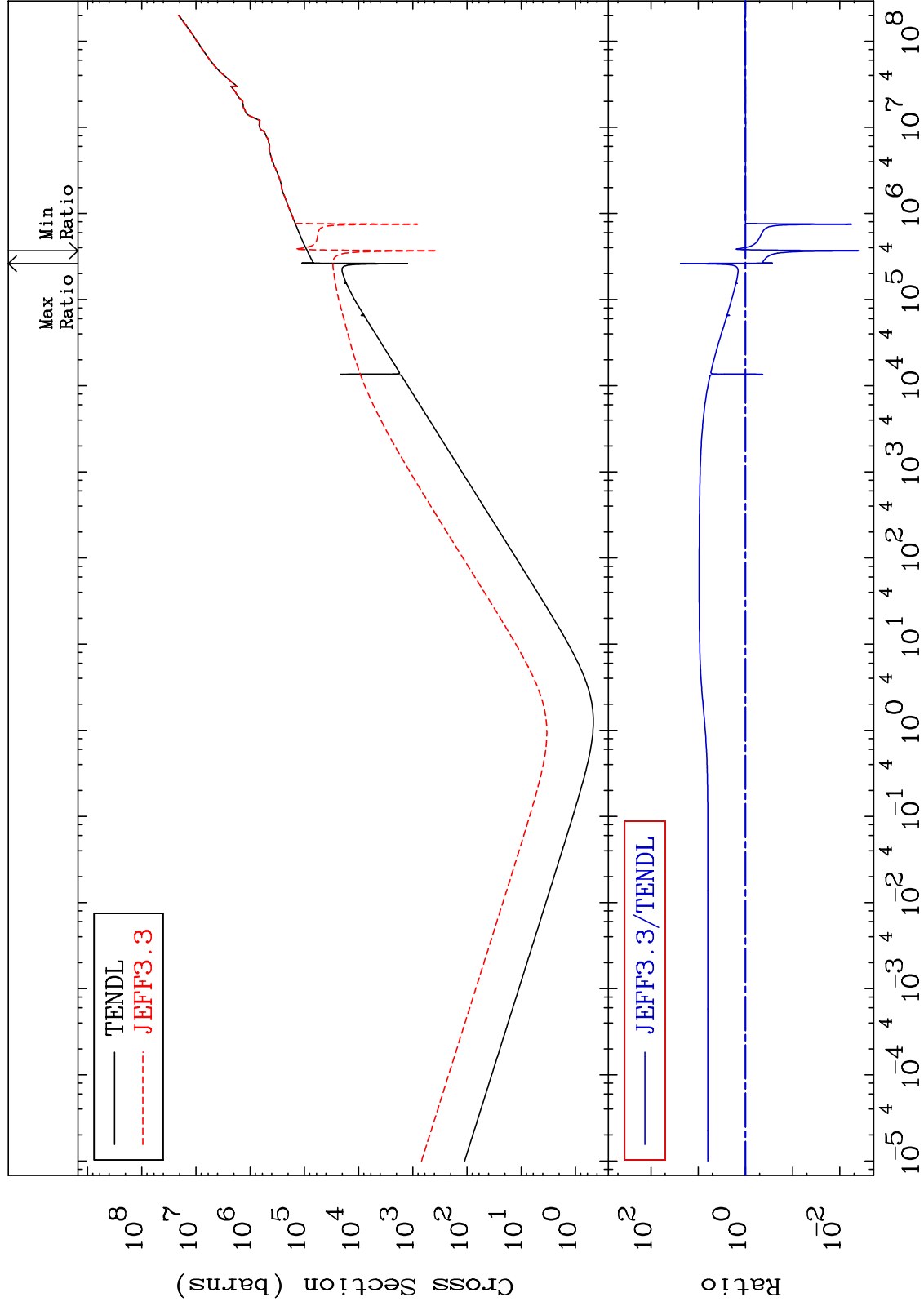
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma total (eV-barns)
Cross Section

14-Si-32
-99.60 To 2277. %



58

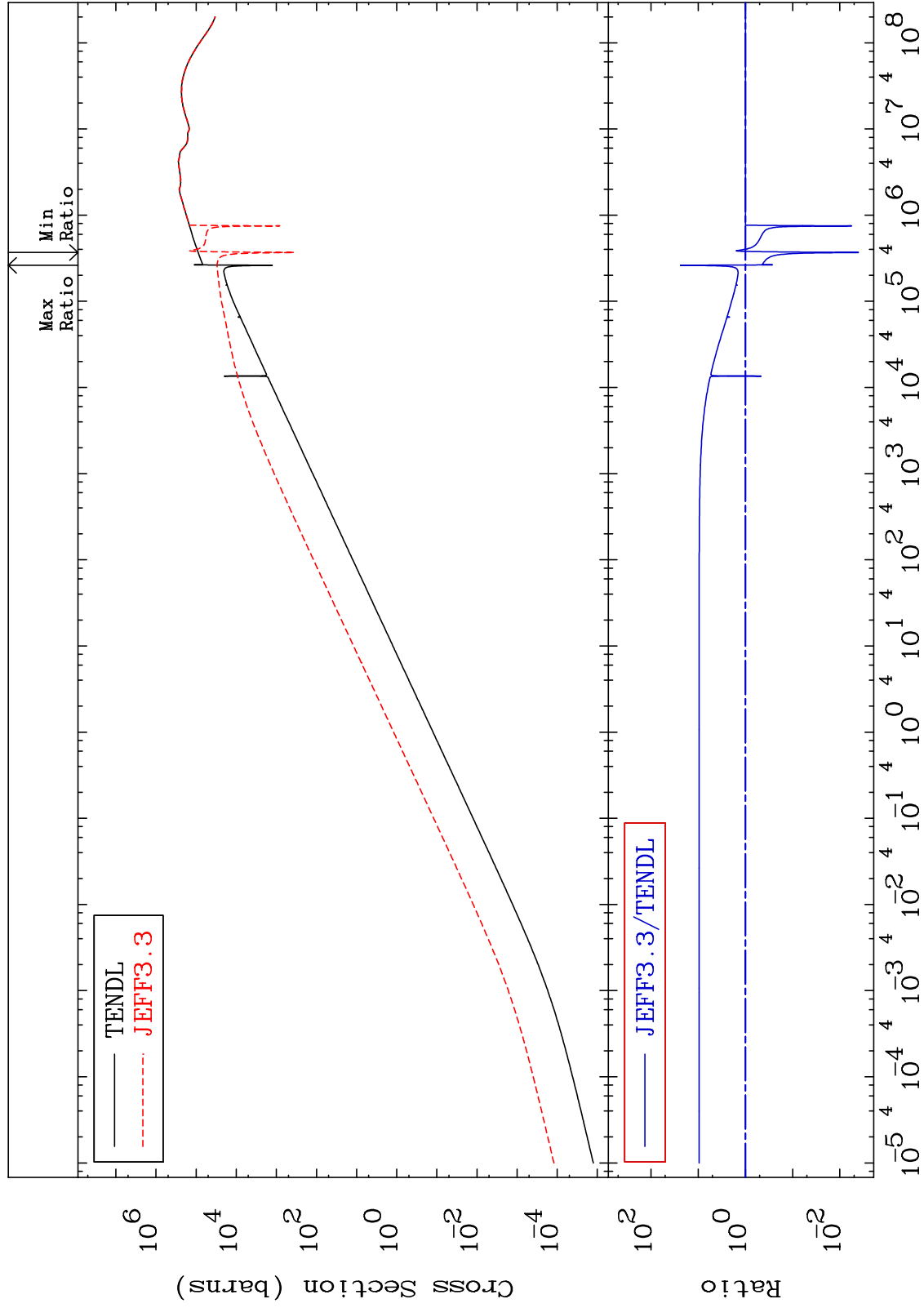
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma elastic
Cross Section

14-Si-32
-99.60 To 2279. %



59

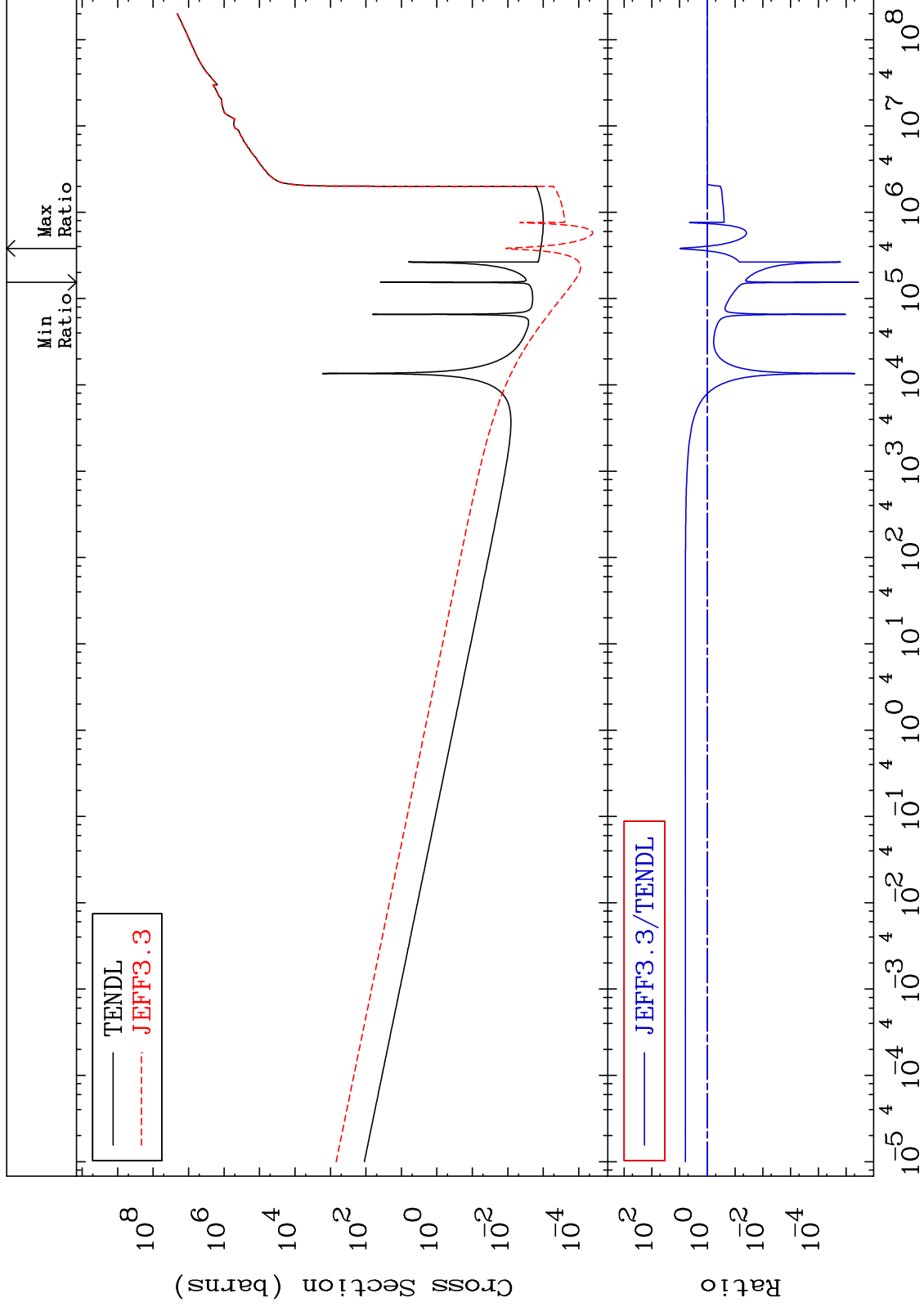
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma non-elastic (all but mt2)
Cross Section

14-Si-32
-100.0 To 865.0 %



60

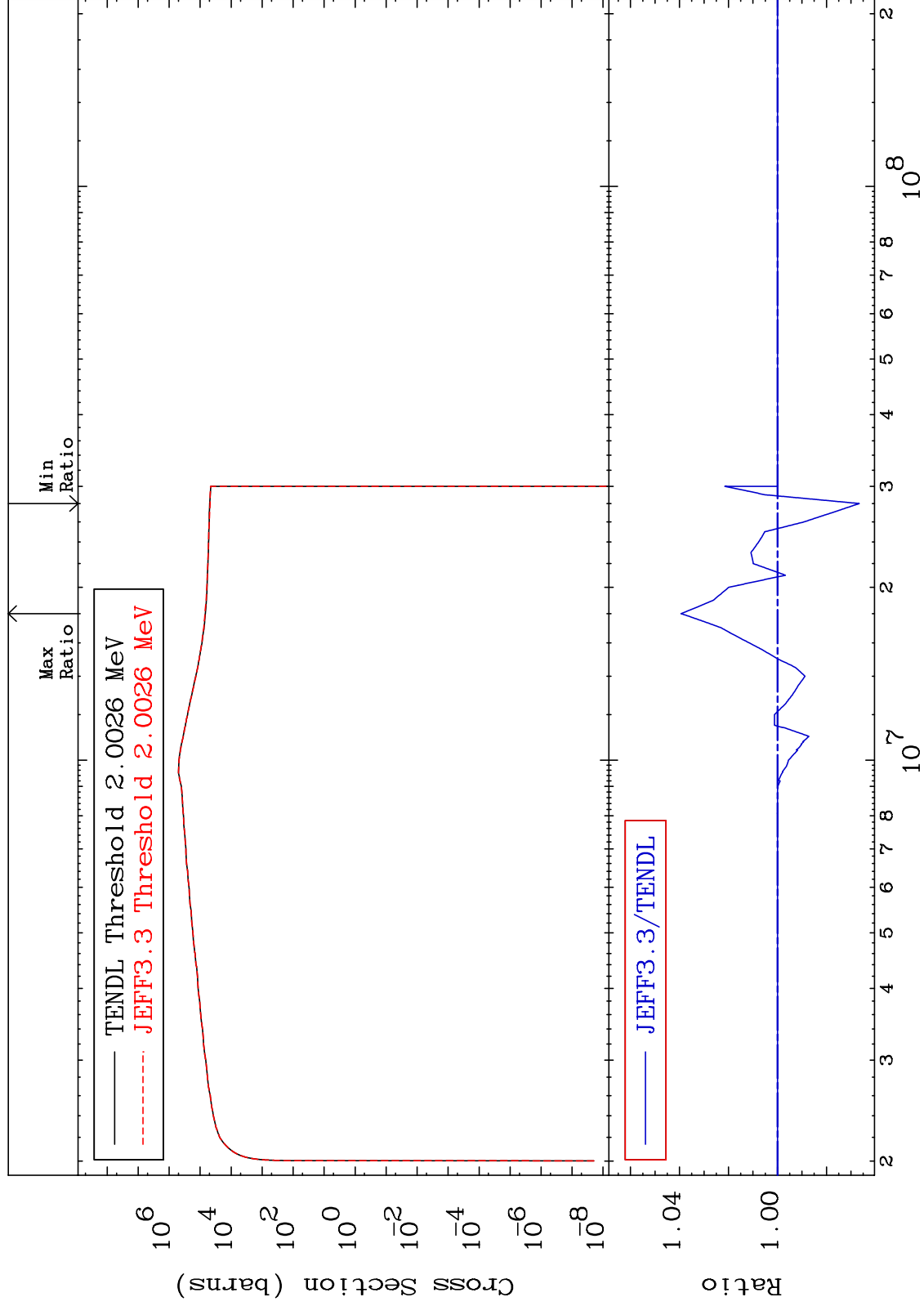
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma inelastic (mt51-91)
Cross Section

14-Si-32
-3.339 To 3.937 %



61

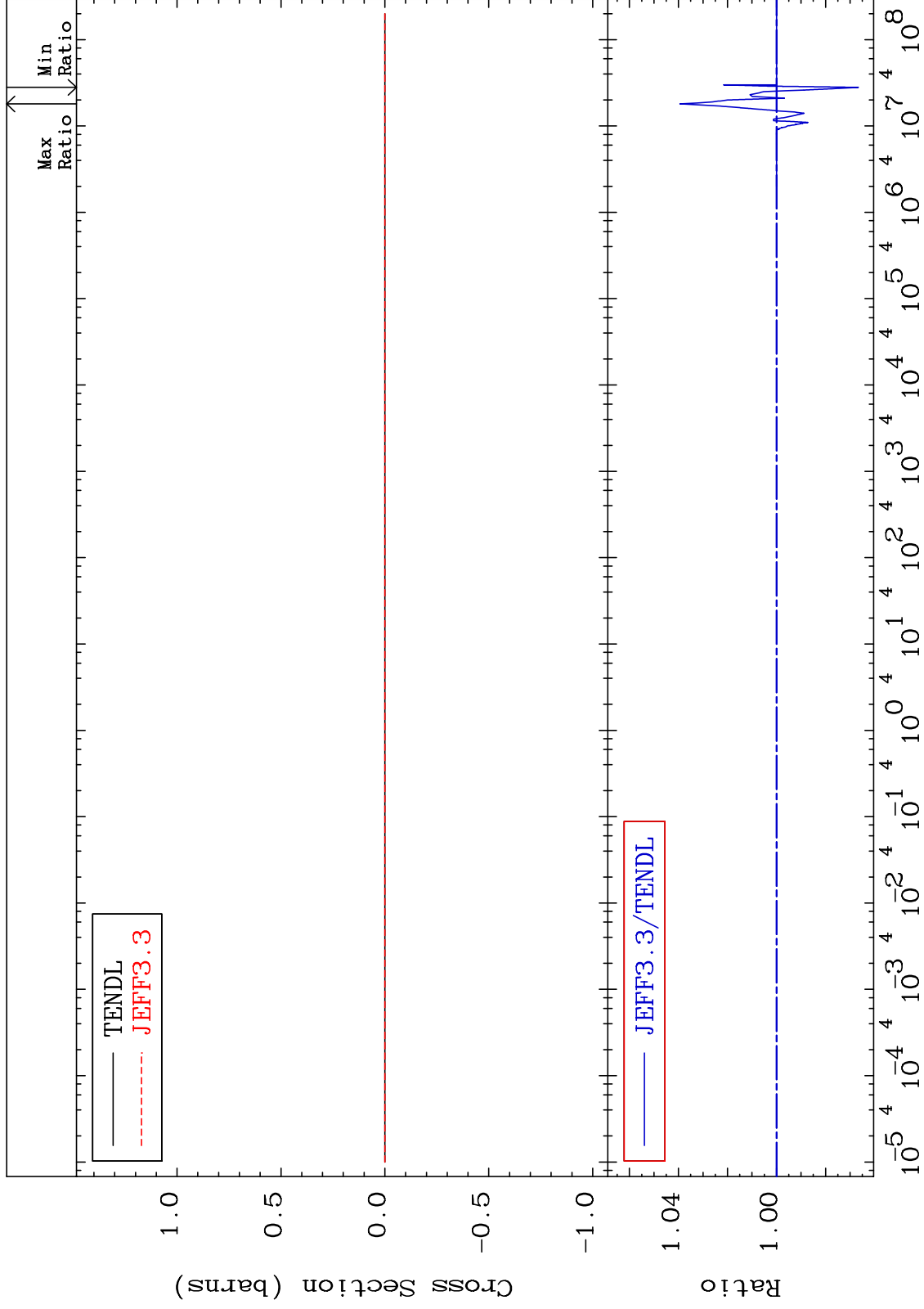
Incident Energy (eV)

14-Si-32

MAT 1437

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

14-Si-32
-3.339 To 3.937 %



62

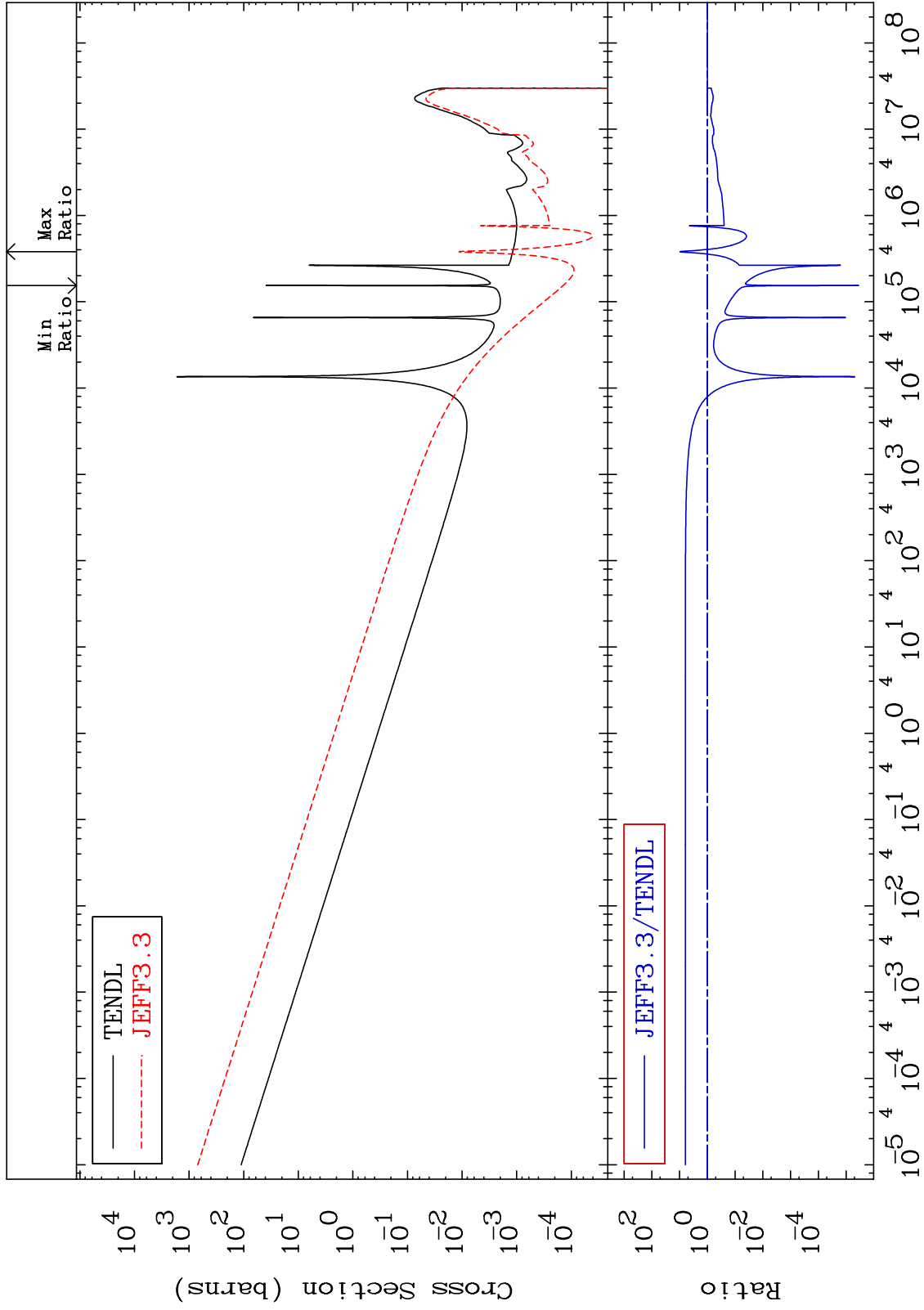
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma capture (mt102)
Cross Section

14-Si-32
-100.0 To 865.0 %



63

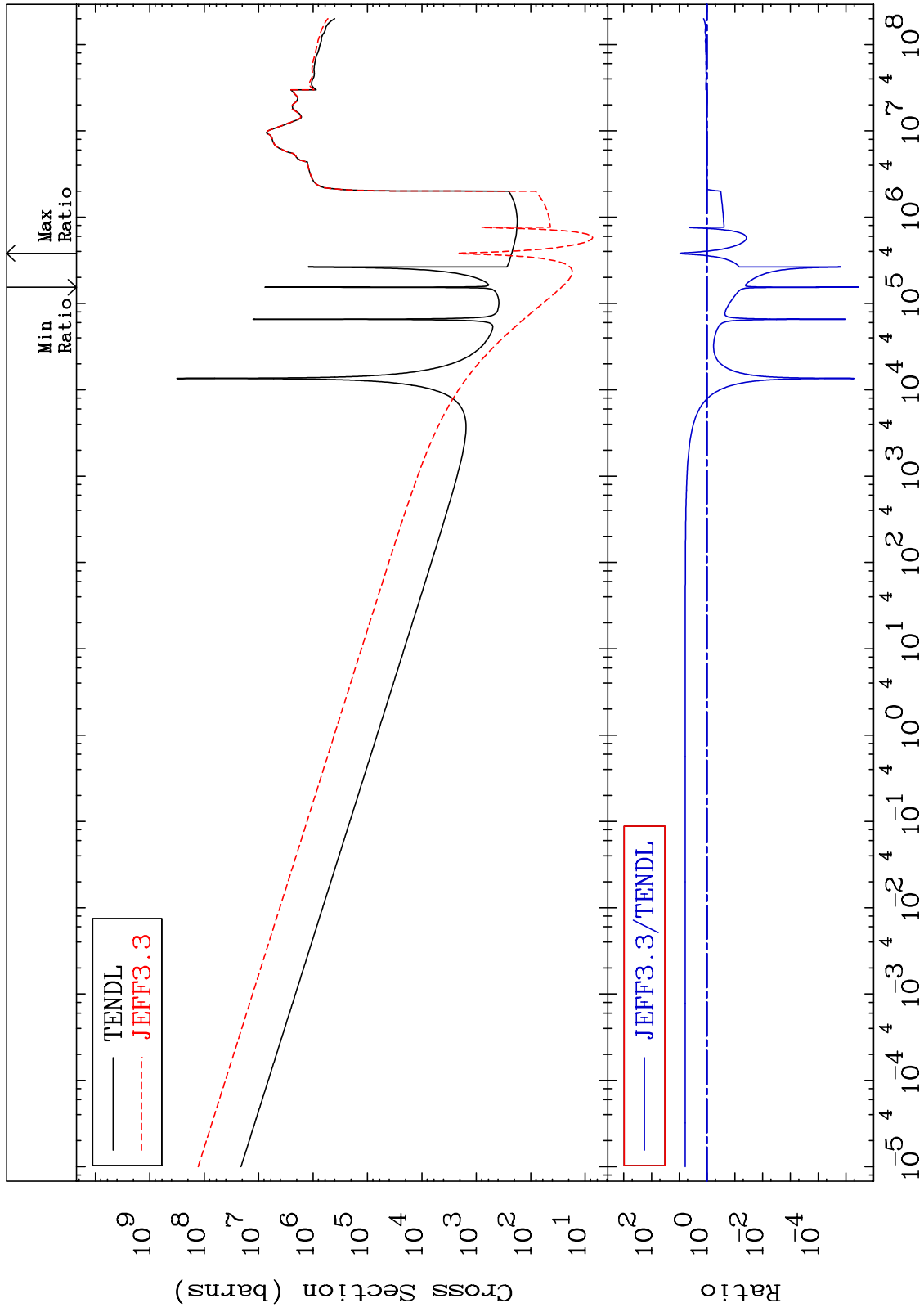
Incident Energy (eV)

14-Si-32

MAT 1437

Total photon (eV-barns)
Cross Section

14-Si-32
-100.0 To 842.0 %



64

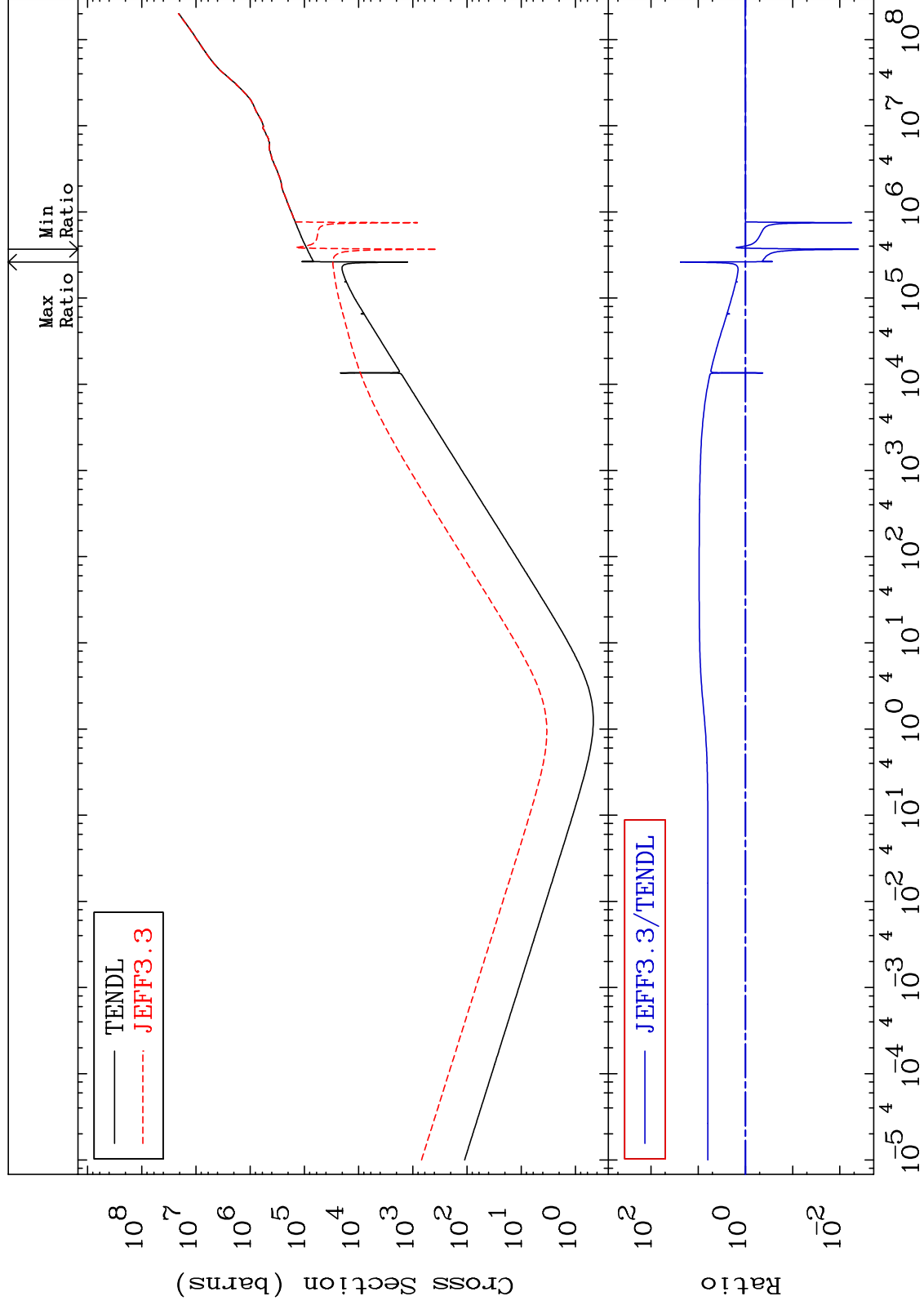
Incident Energy (eV)

14-Si-32

MAT 1437

Total kinematic kerma (high limit)
Cross Section

14-Si-32
-99.60 To 2277. %



65

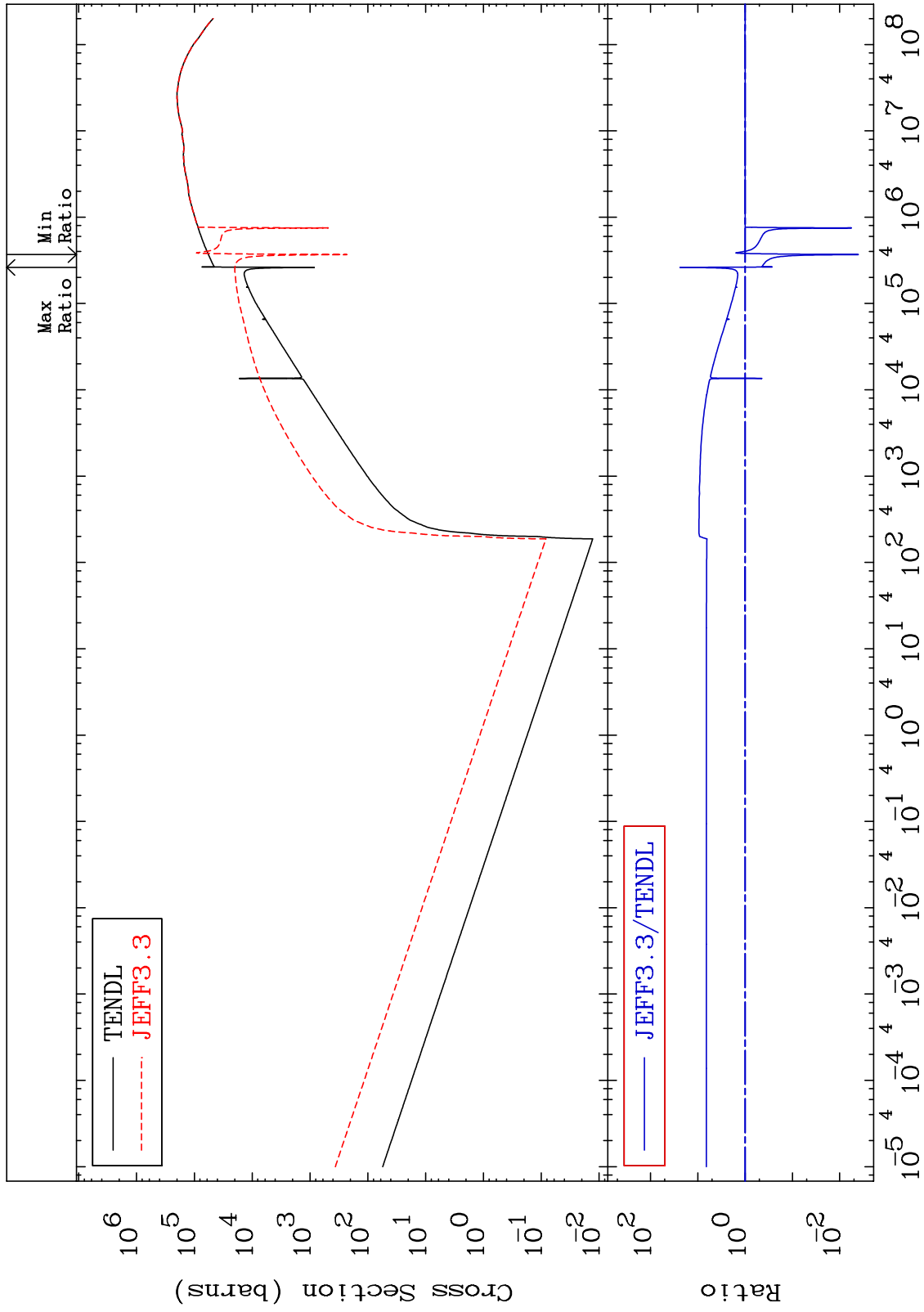
Incident Energy (eV)

14-Si-32

MAT 1437

Dpa total (eV-barns)
Cross Section

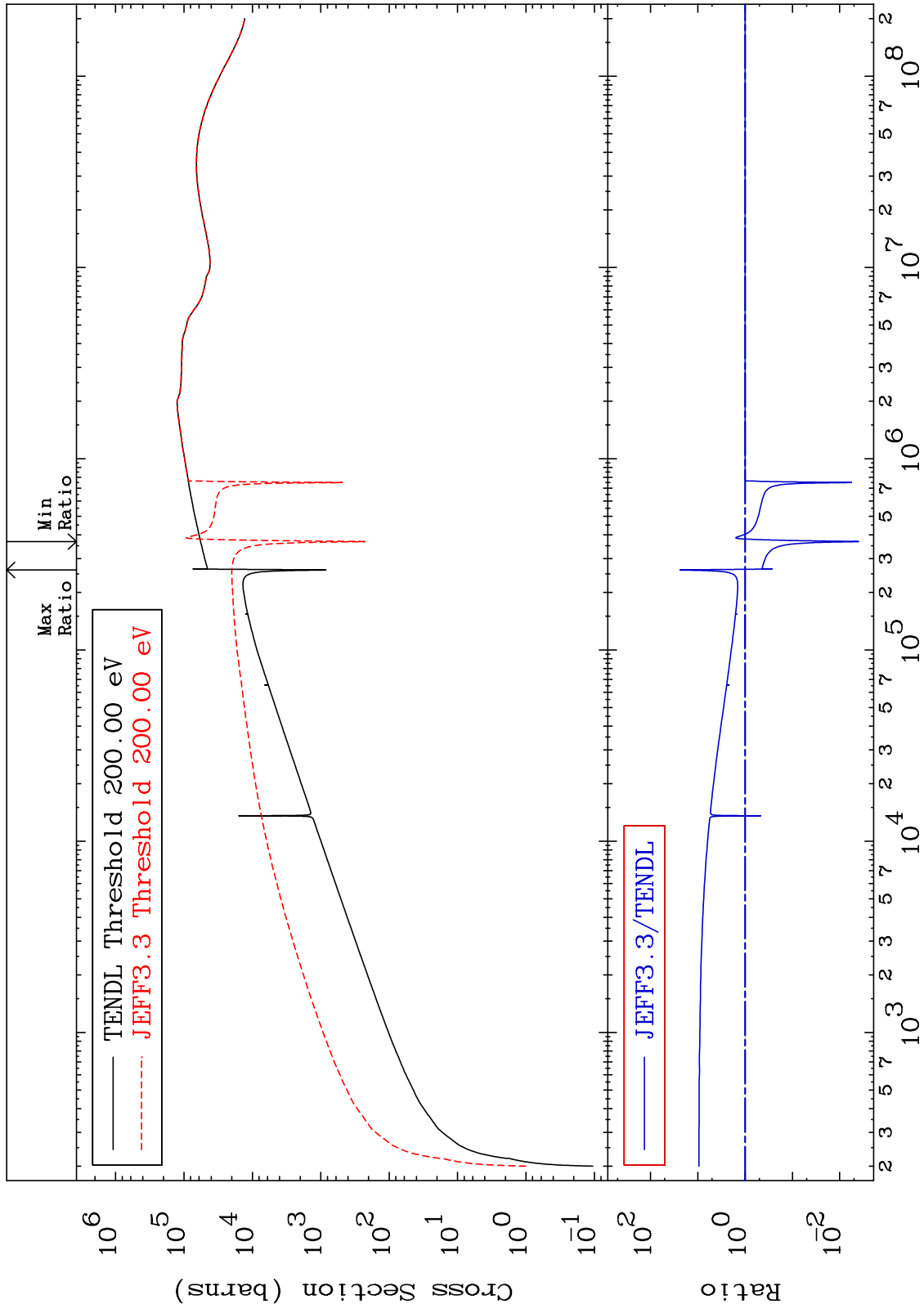
14-Si-32
-99.60 To 2278. %



MAT 1437

Dpa elastic (mt2)
Cross Section

14-Si-32
-99.60 To 2279. %



67

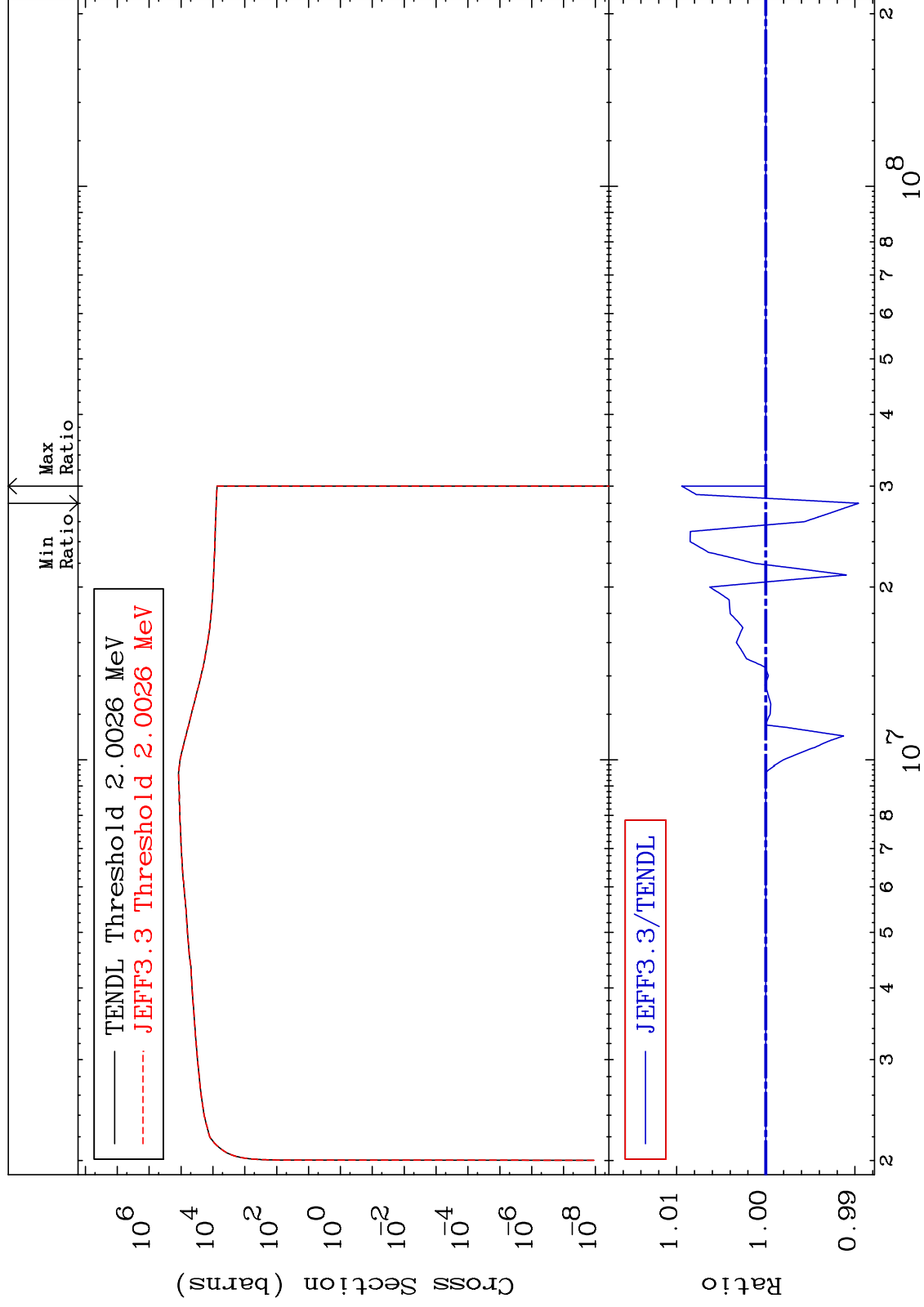
Incident Energy (eV)

14-Si-32

MAT 1437

Dpa inelastic (mt51-91)
Cross Section

14-Si-32
-1.041 To 0.943 %



68

Incident Energy (eV)

14-Si-32

MAT 1437

Dpa disappearance (mt102 -120)
Cross Section

14-Si-32
-100.0 To 925.2 %

