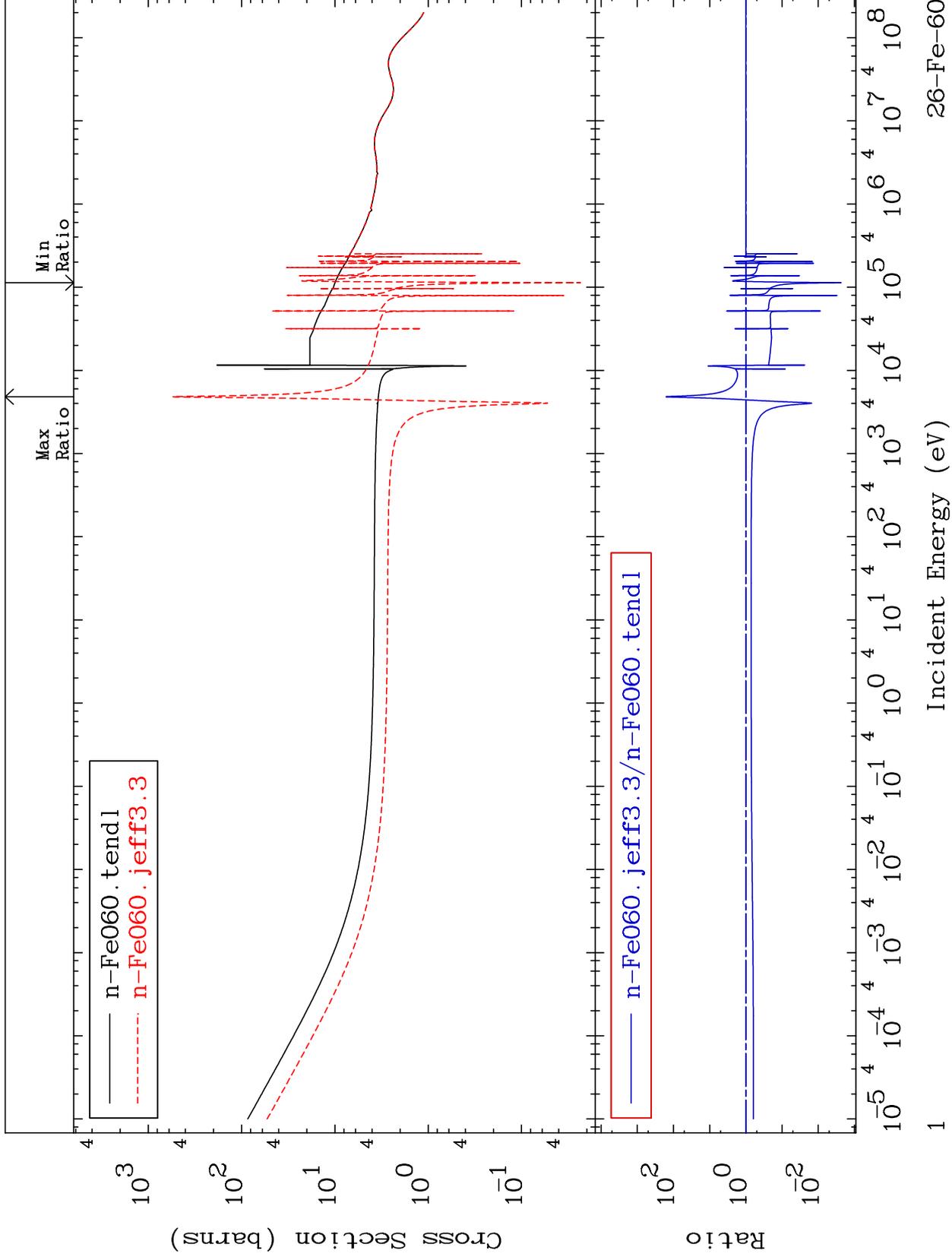


MAT 2643

Total
Cross Section

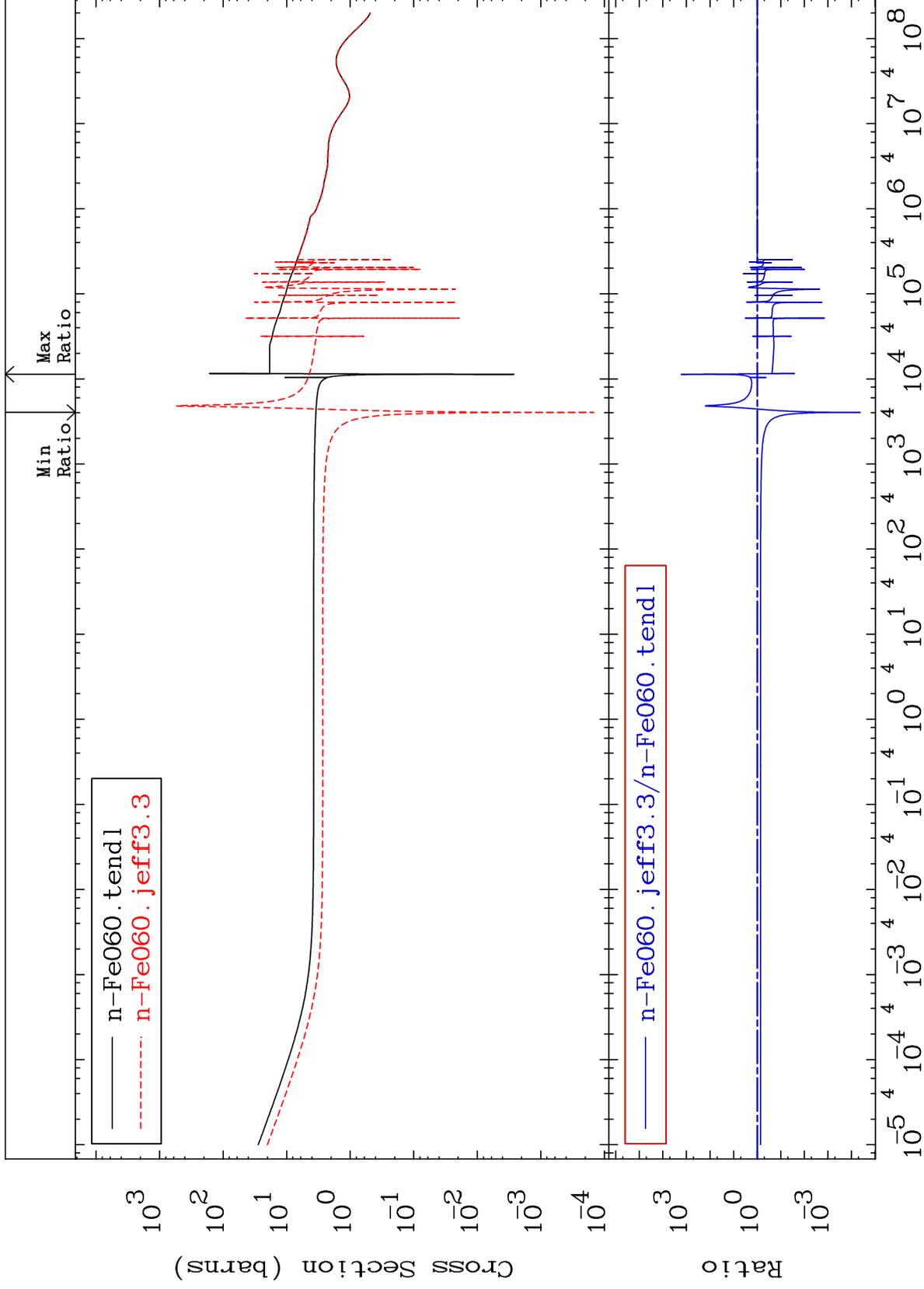
26-Fe-60
-99.76 To 9999. %



MAT 2643

Elastic
Cross Section

26-Fe-60
-100.0 To 9999. %



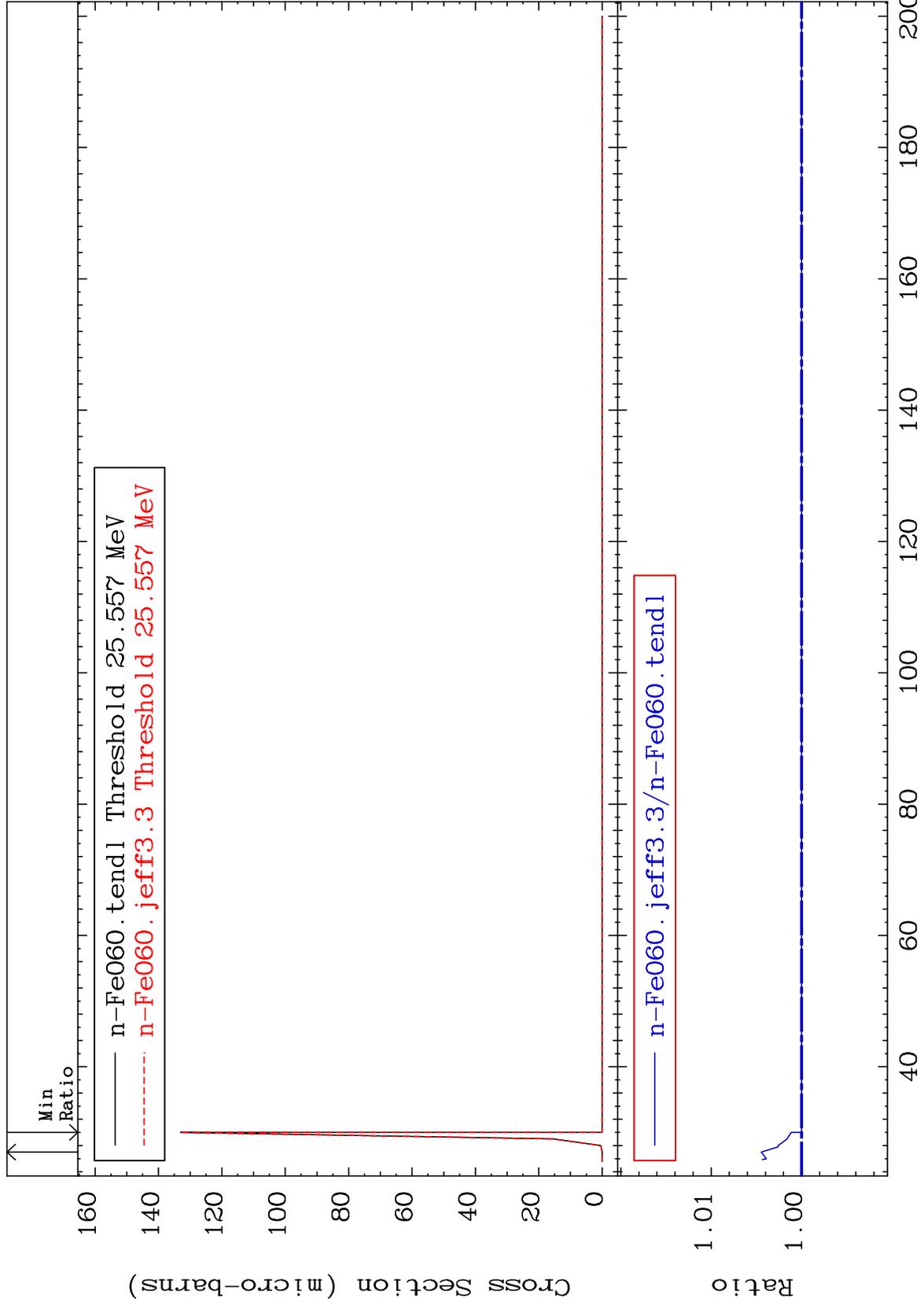
MAT 2643

(n,2n) d

²⁶Fe-60

Cross Section

0.000 To 0.445 %



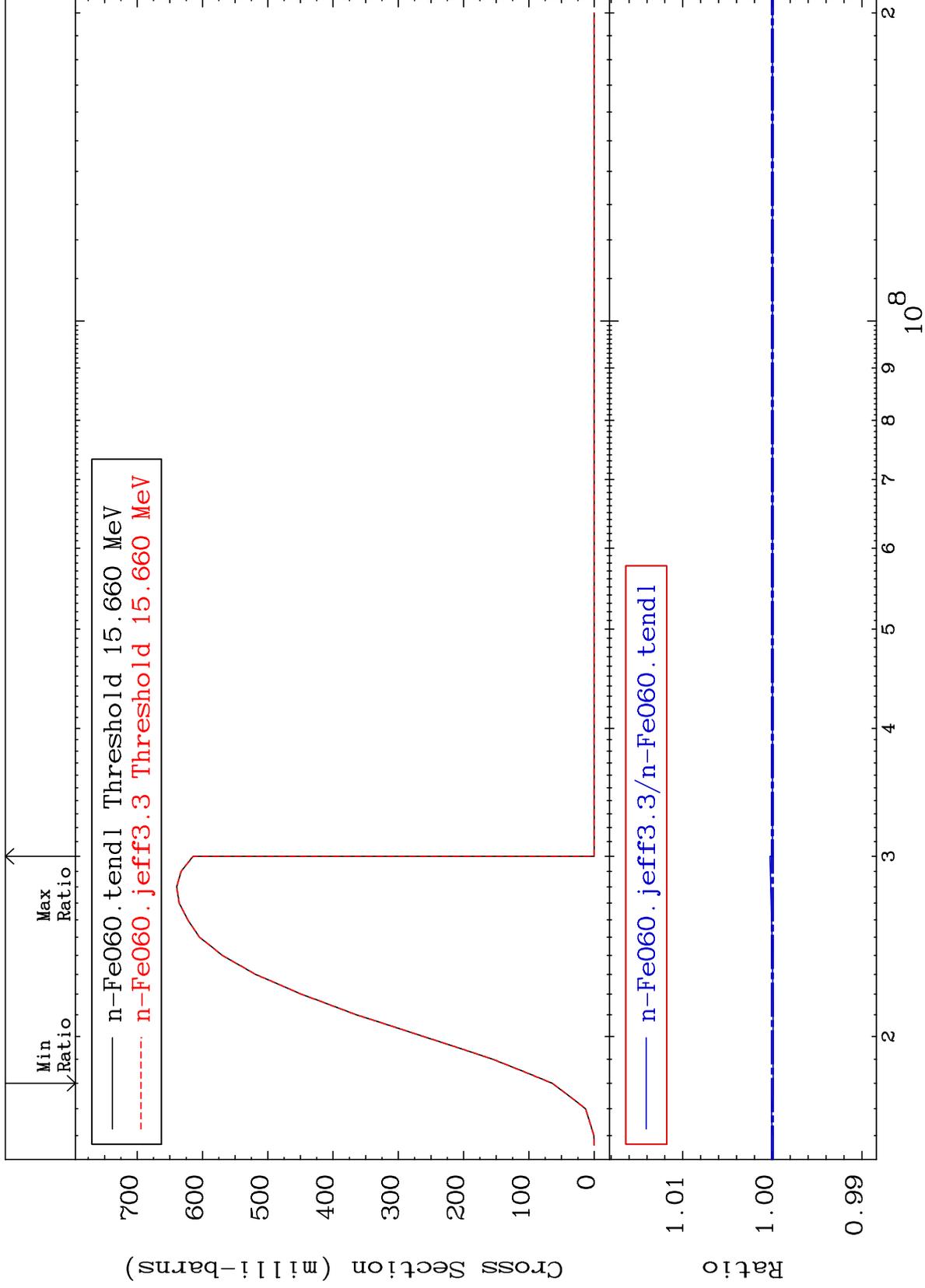
MAT 2643

(n,3n)

²⁶Fe-60

Cross Section

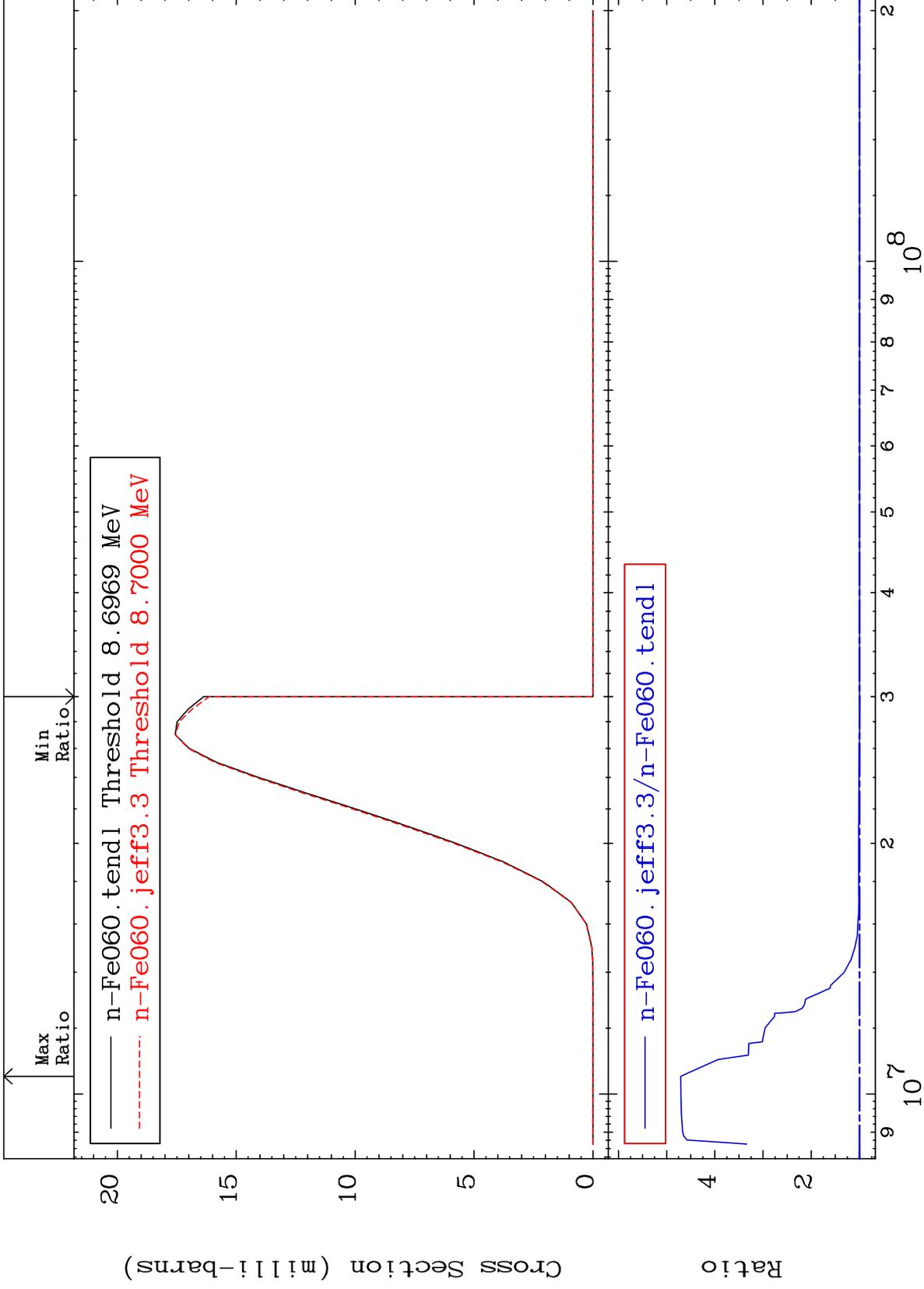
-0.009 To 0.028 %



MAT 2643

(n,n') α
Cross Section

²⁶Fe-60
-1.377 To 370.7 %



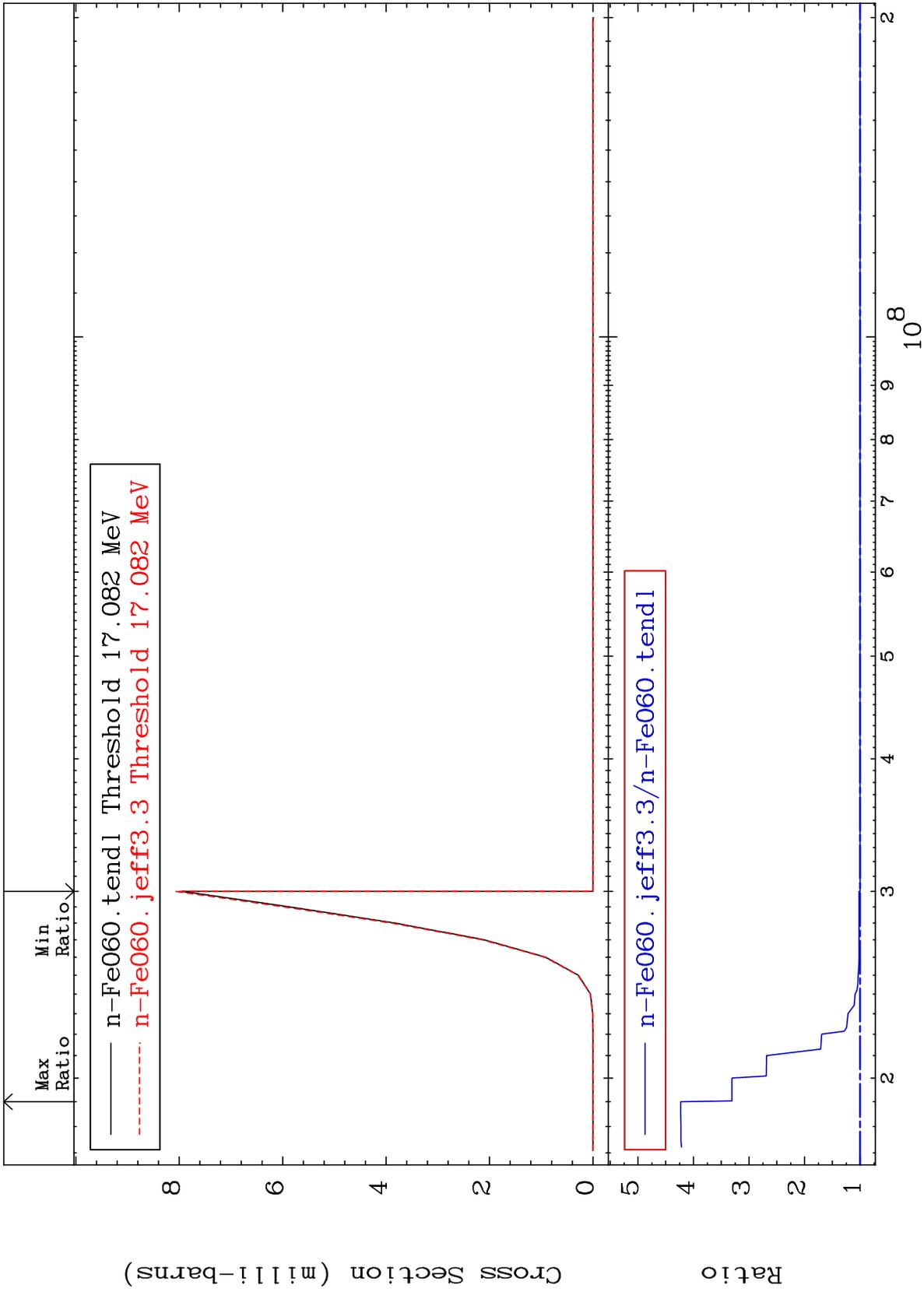
Incident Energy (eV)

²⁶Fe-60

MAT 2643

(n,2n) α
Cross Section

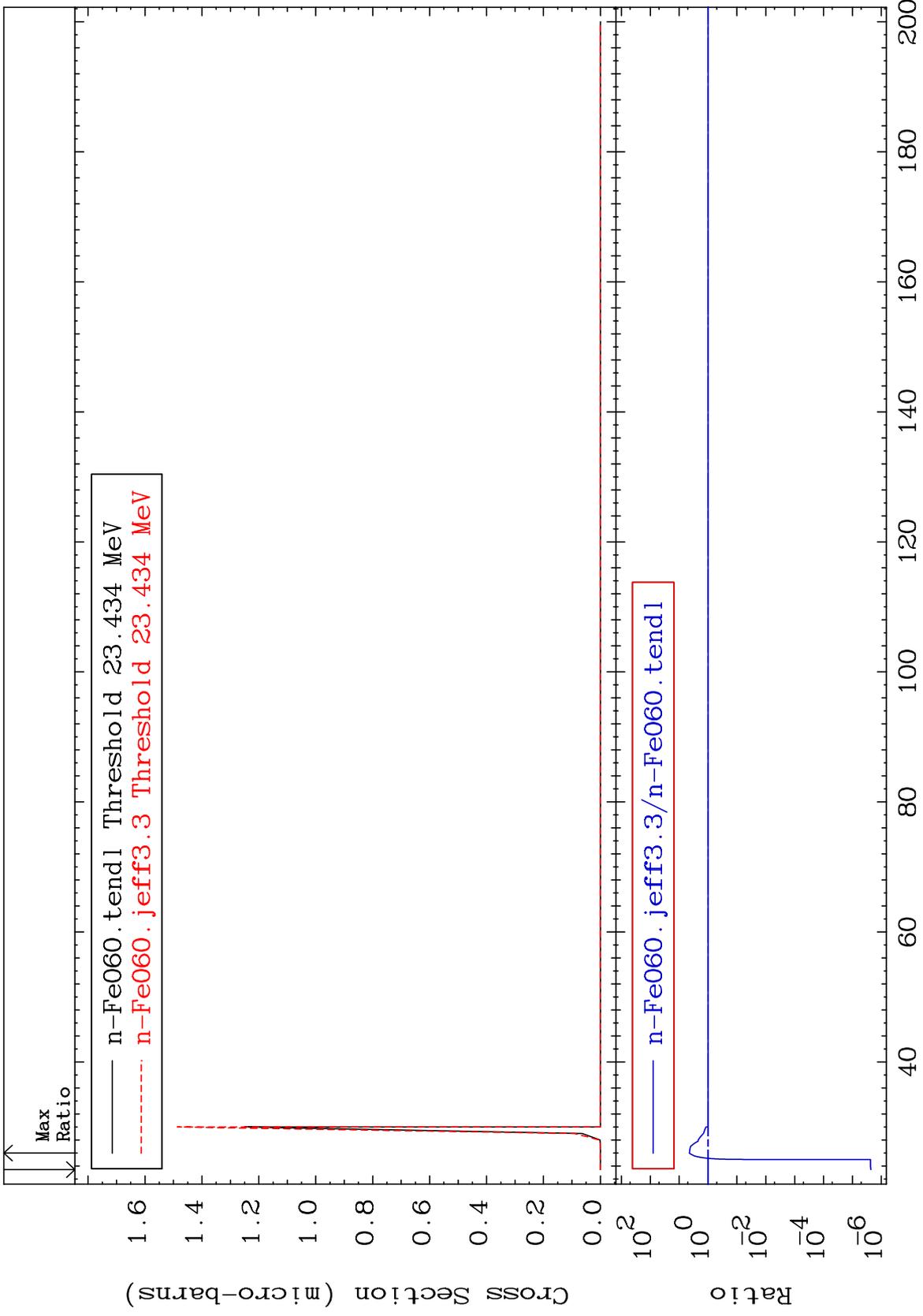
$^{26}\text{Fe-60}$
To 322.9 %
0.000



MAT 2643

(n,3n) α
Cross Section

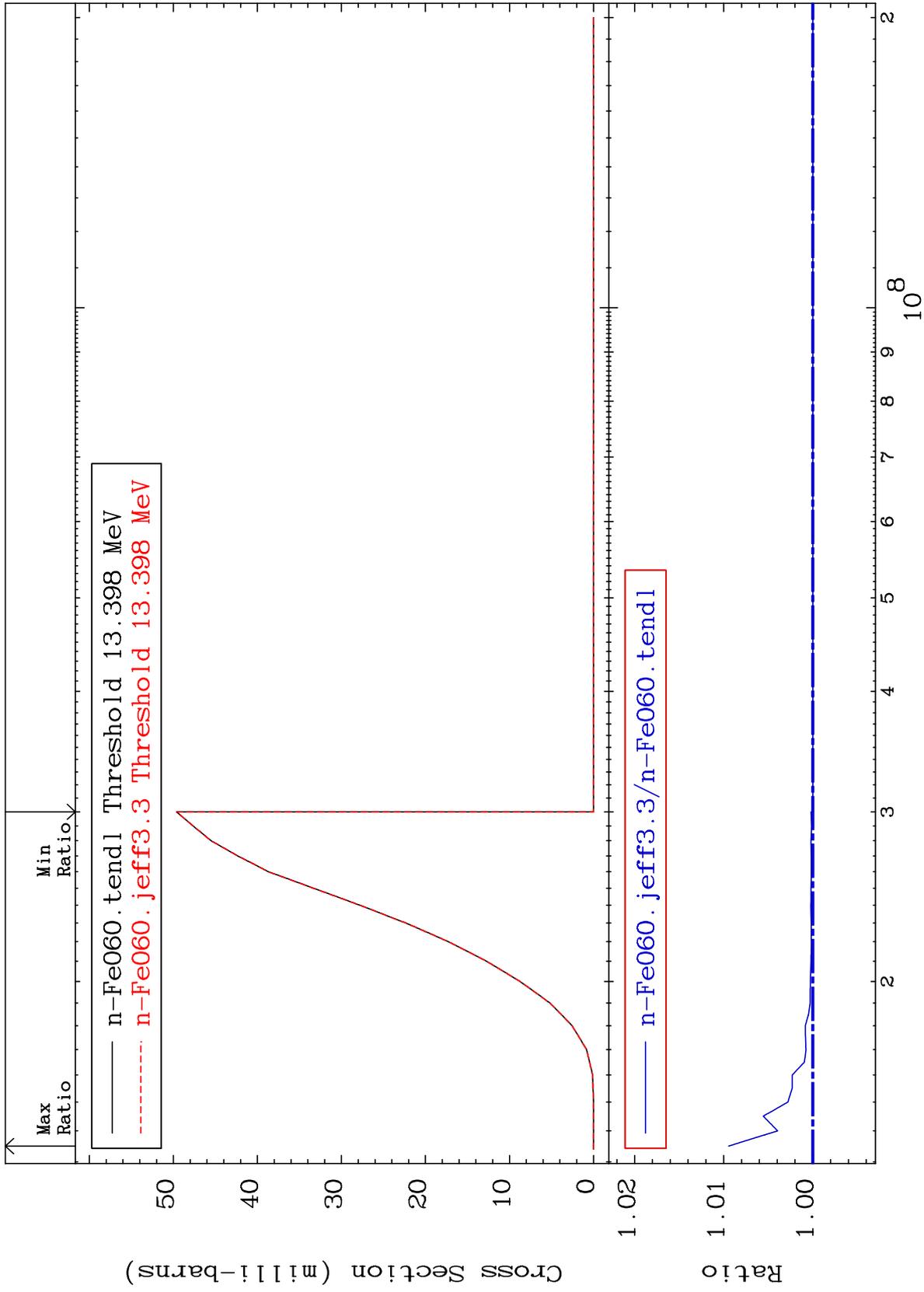
²⁶Fe-60
-100.0 To 345.2 %



MAT 2643

(n,n') p
Cross Section

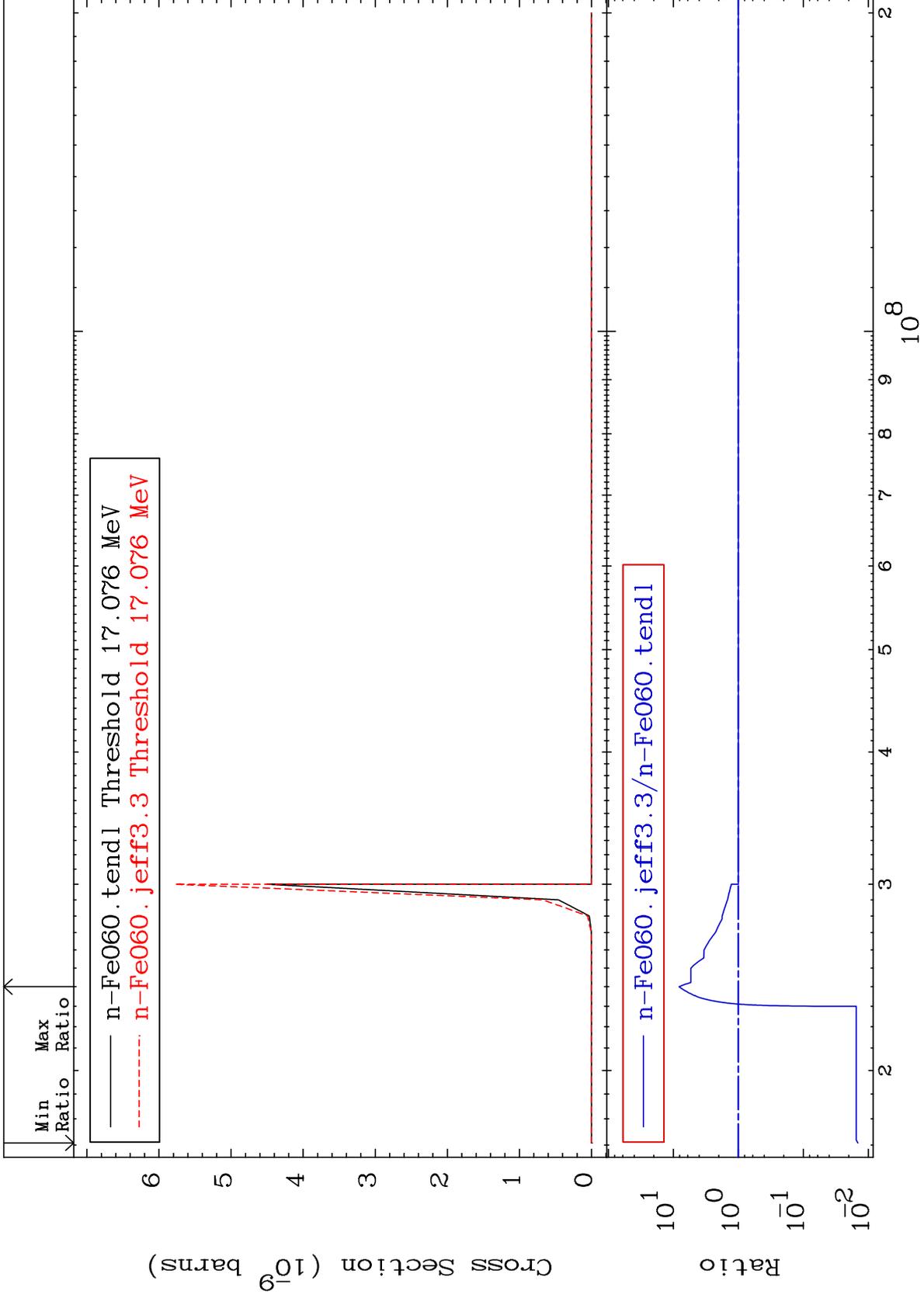
26-Fe-60
To 0.946 %



MAT 2643

(n, n') 2α
Cross Section

26-Fe-60
-98.55 To 717.7 %



MAT 2643

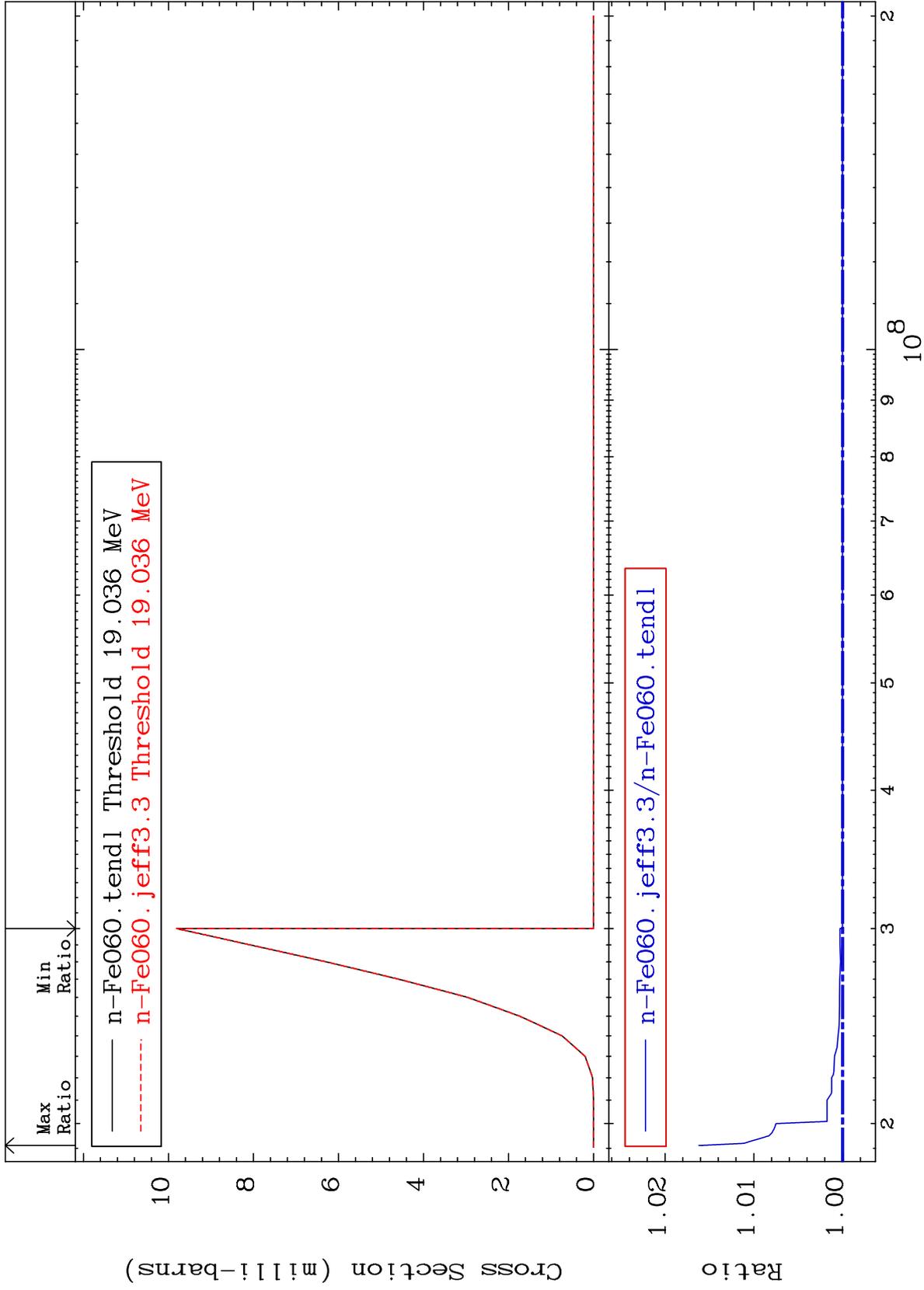
(n,n') d

²⁶Fe-60

Cross Section

0.000

To 1.619 %



10

Incident Energy (eV)

²⁶Fe-60

MAT 2643

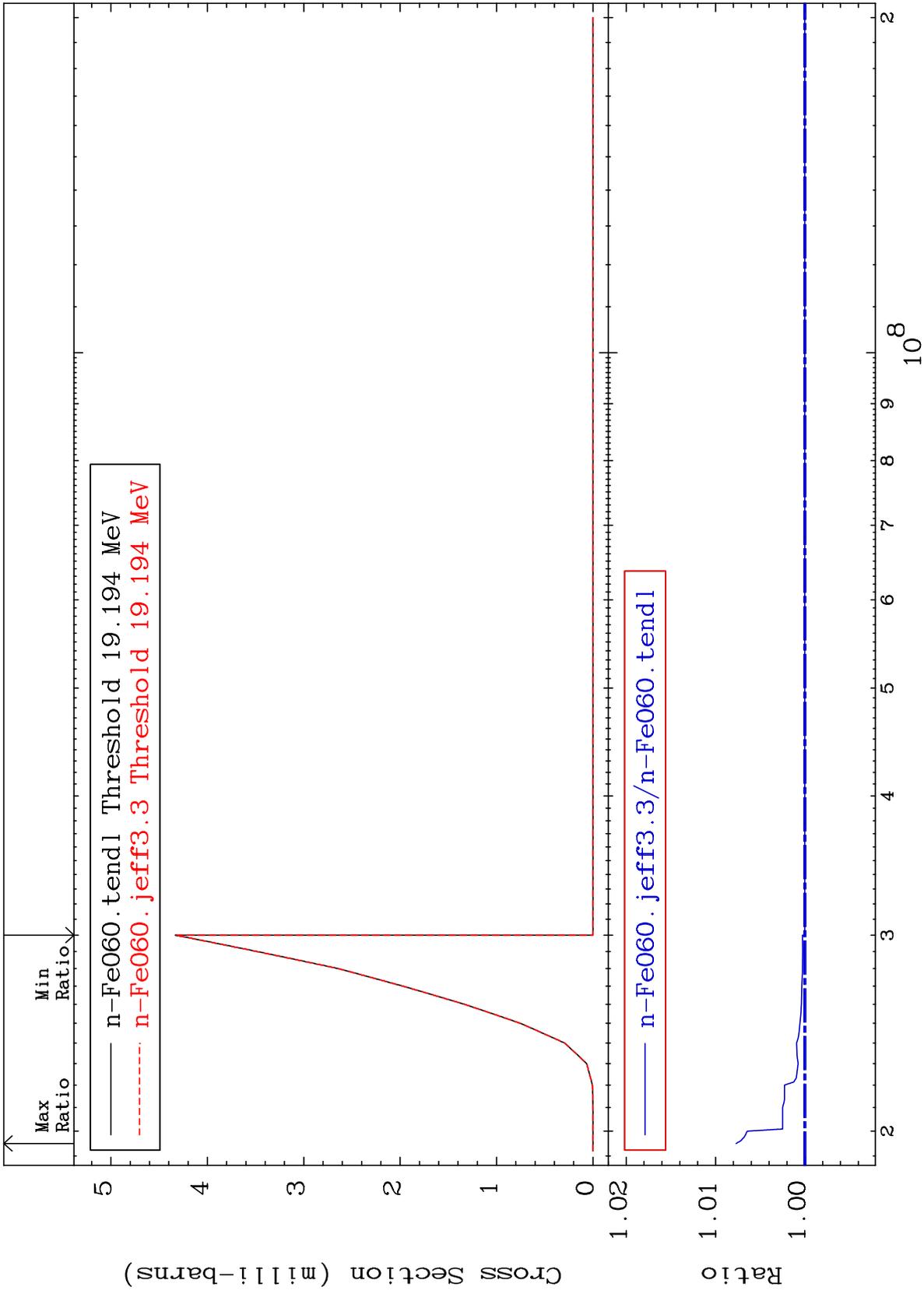
(n,n') t

²⁶Fe-60

Cross Section

0.000

To 0.770 %



11

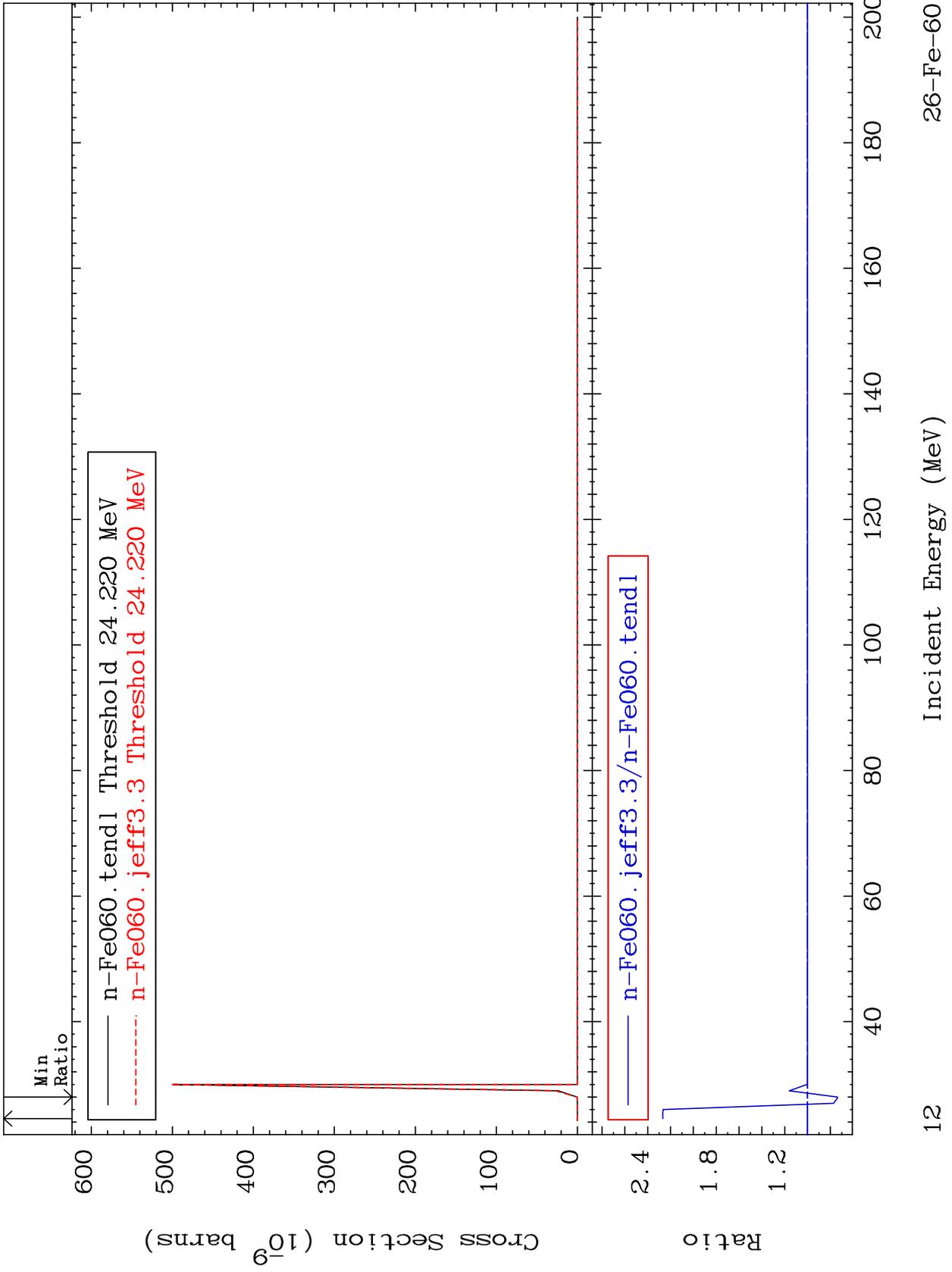
Incident Energy (eV)

²⁶Fe-60

MAT 2643

(n, n') He-3
Cross Section

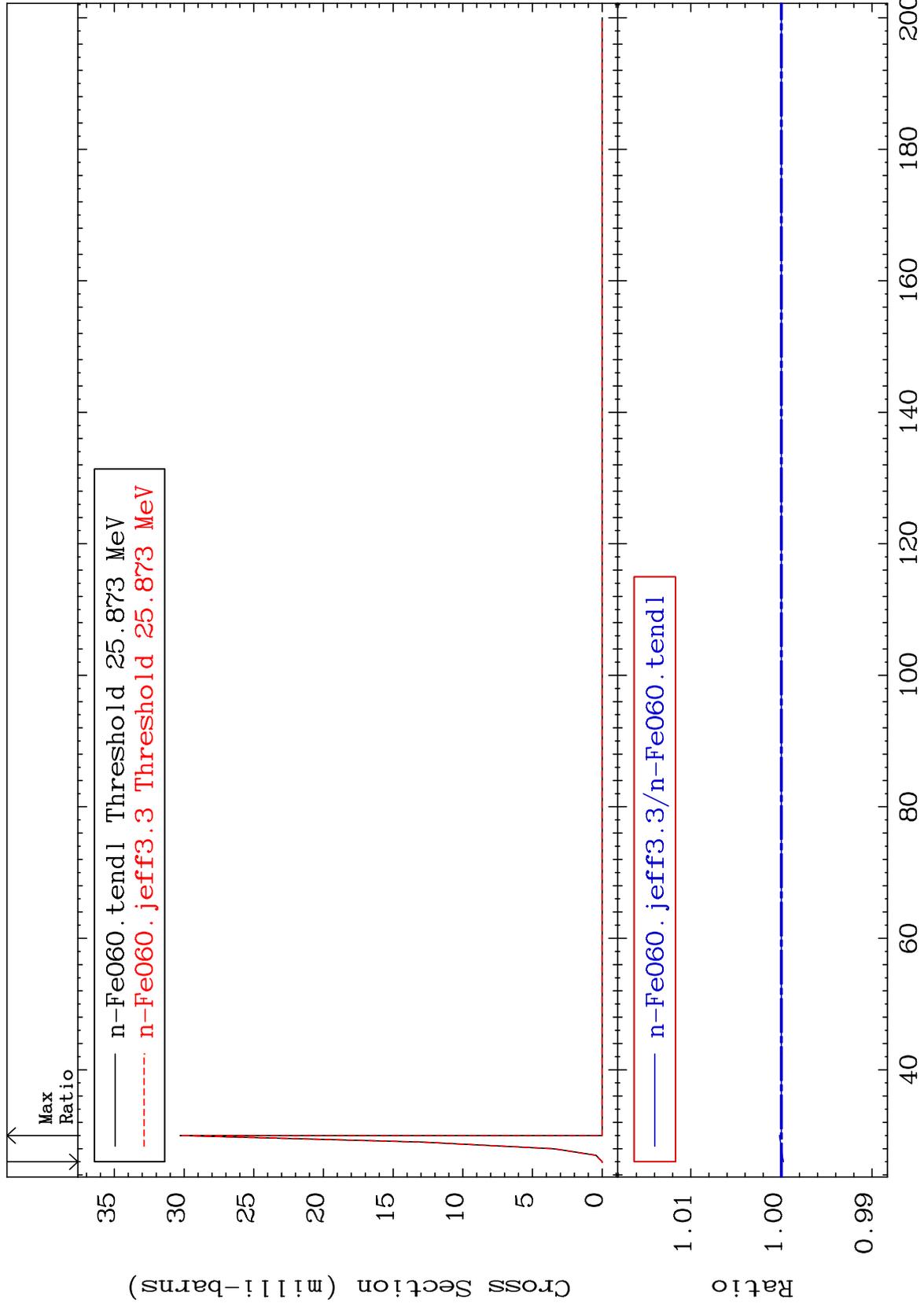
26-Fe-60
-26.20 To 126.7 %



MAT 2643

(n,4n)
Cross Section

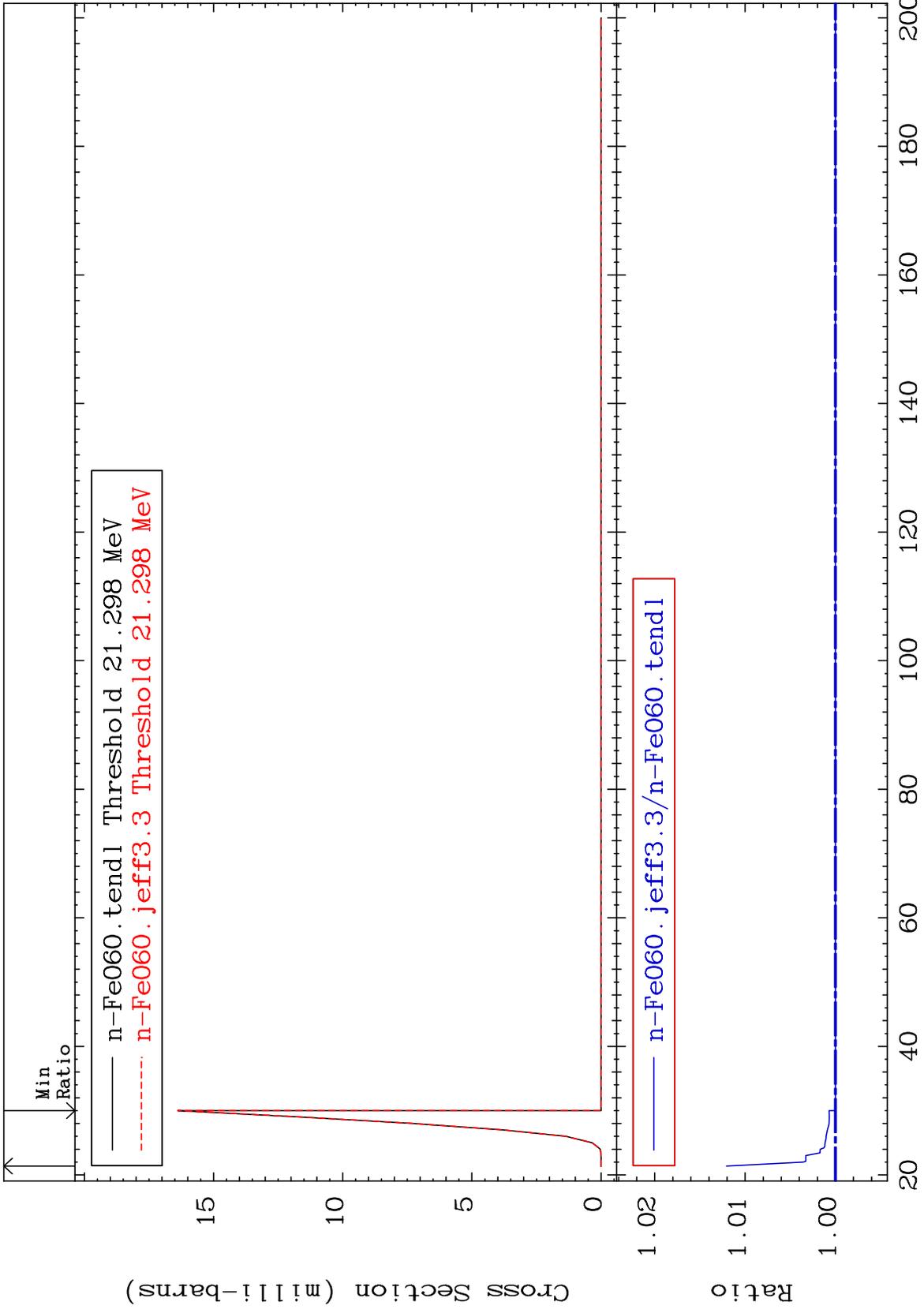
²⁶Fe-60
-0.023 To 0.020 %



MAT 2643

(n,2n) p
Cross Section

²⁶Fe-60
To 1.207 %
0.000



14

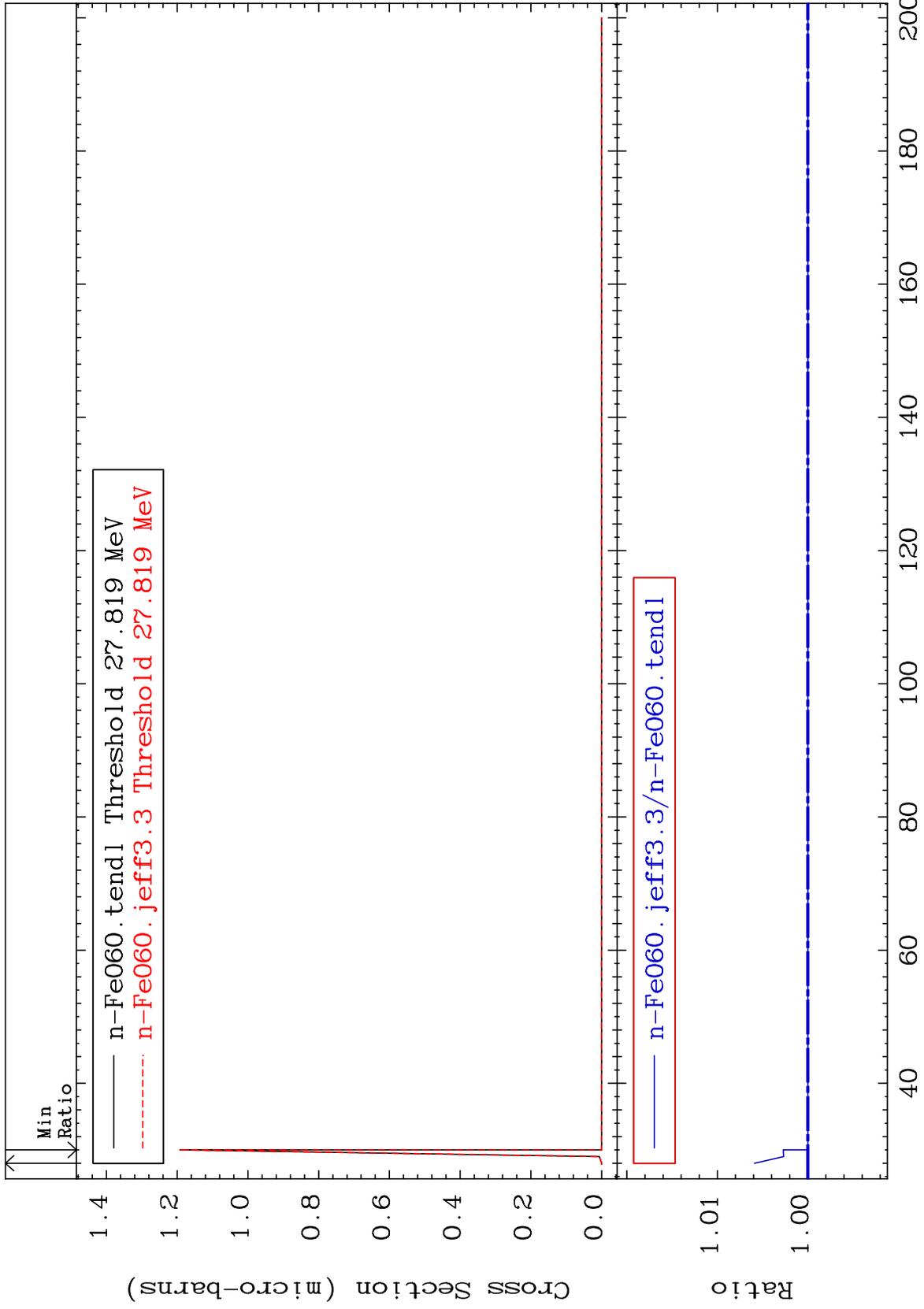
Incident Energy (MeV)

²⁶Fe-60

MAT 2643

(n,3n) p
Cross Section

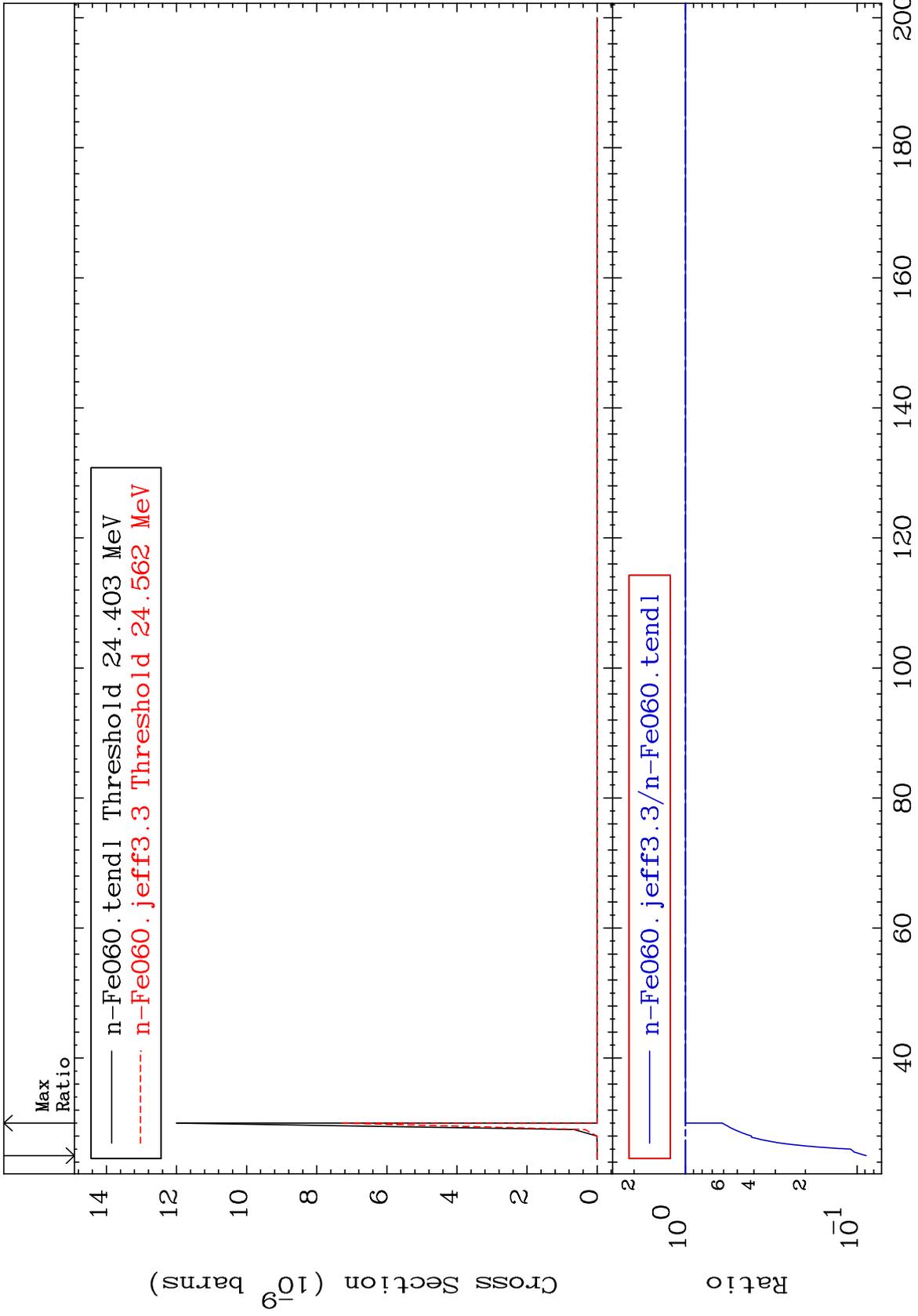
26-Fe-60
0.000 To 0.589 %



MAT 2643

(n,2n) p
Cross Section

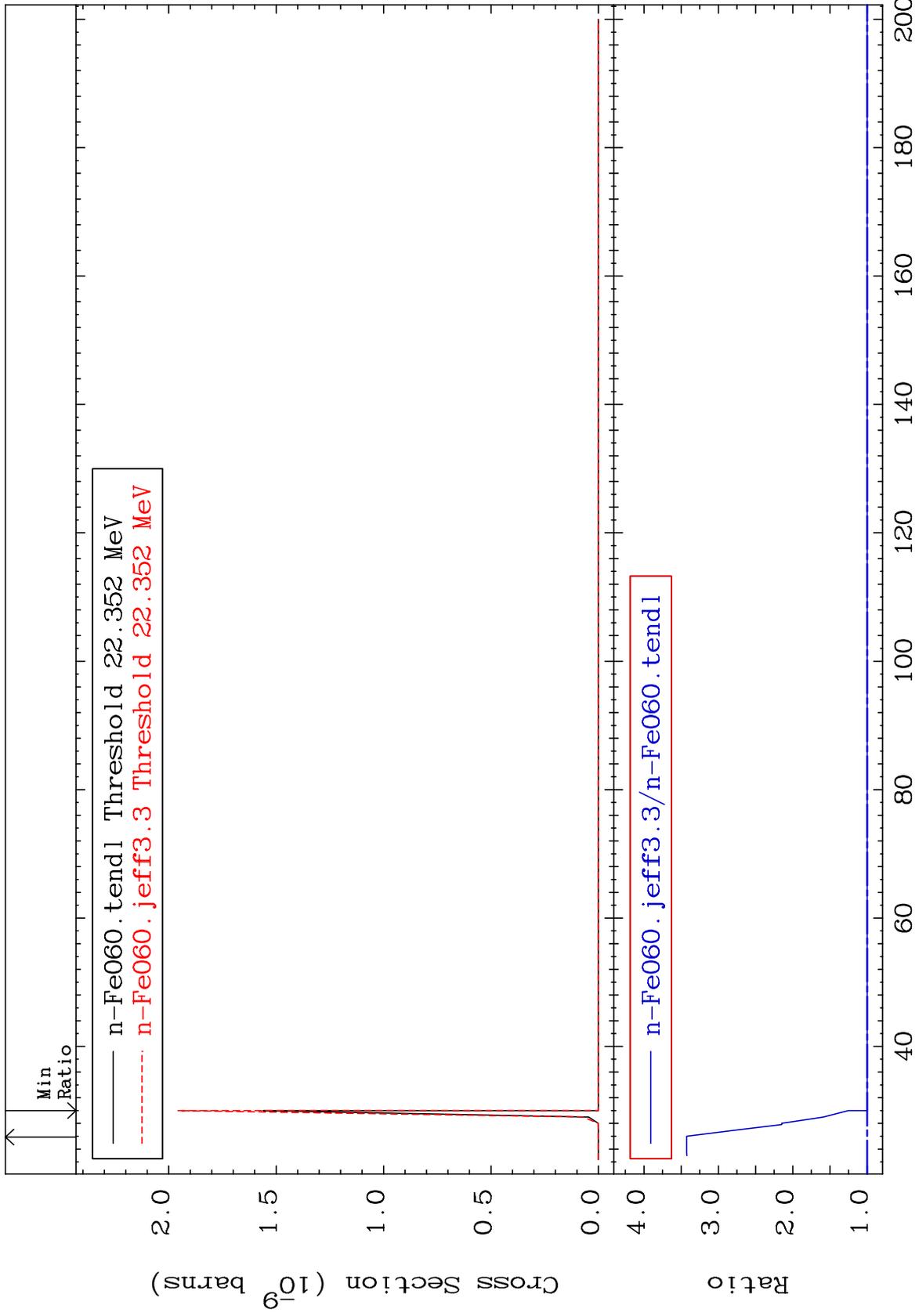
26-Fe-60
-91.15 To 0.000 %



MAT 2643

(n,n') p α
Cross Section

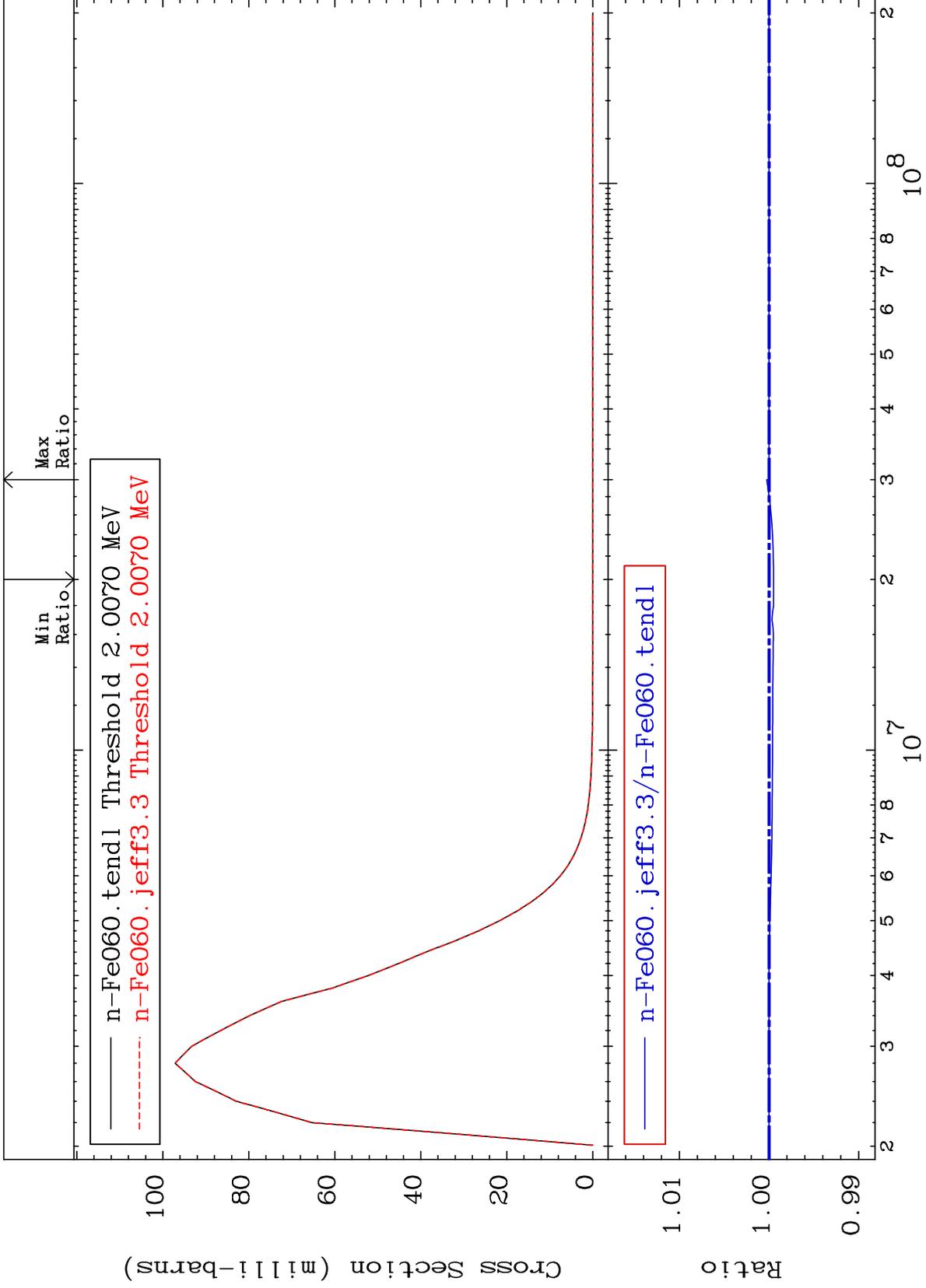
26-Fe-60
0.000 To 242.5 %



MAT 2643

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

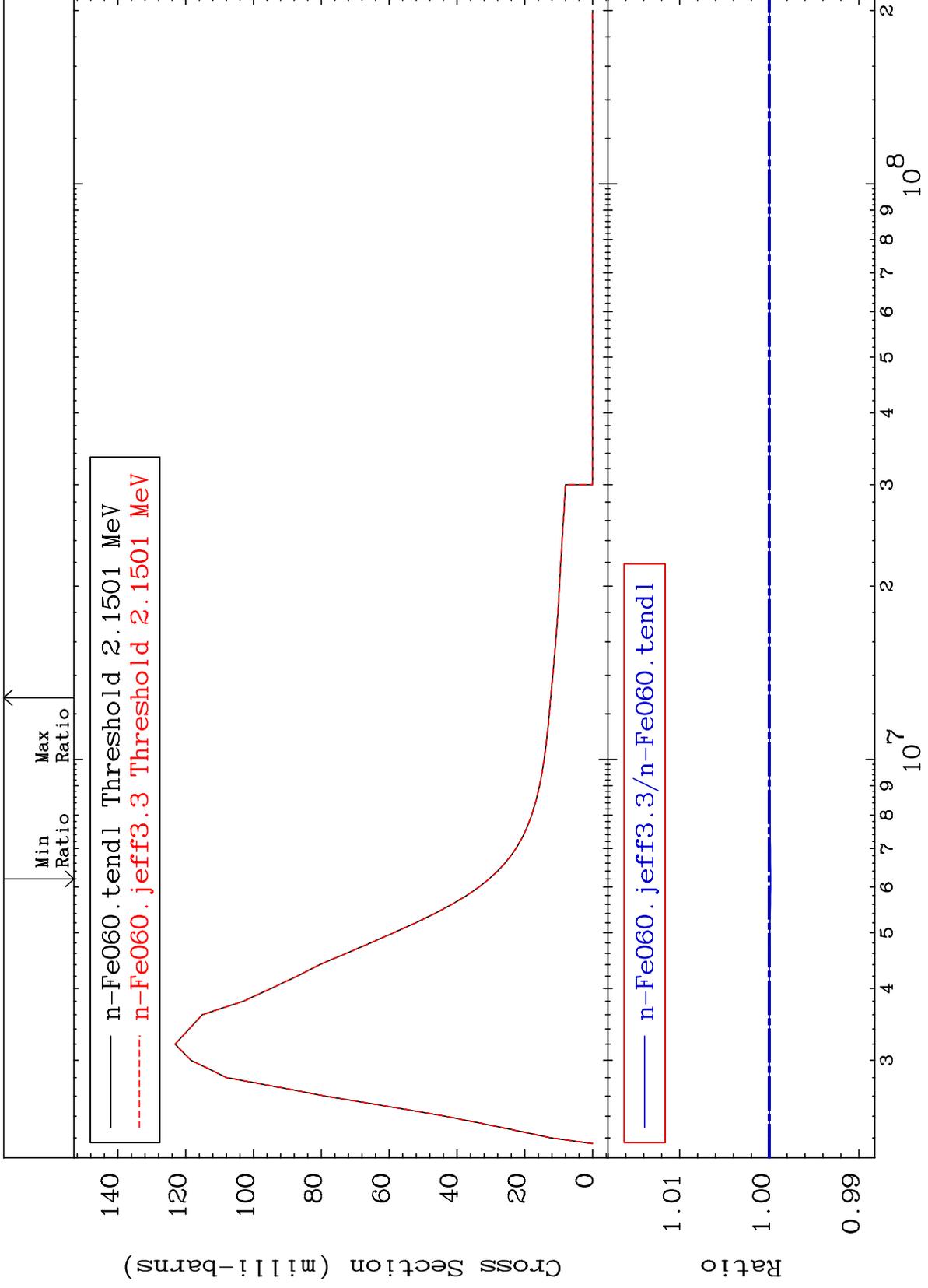
26-Fe-60
-0.051 To 0.027 %



MAT 2643

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

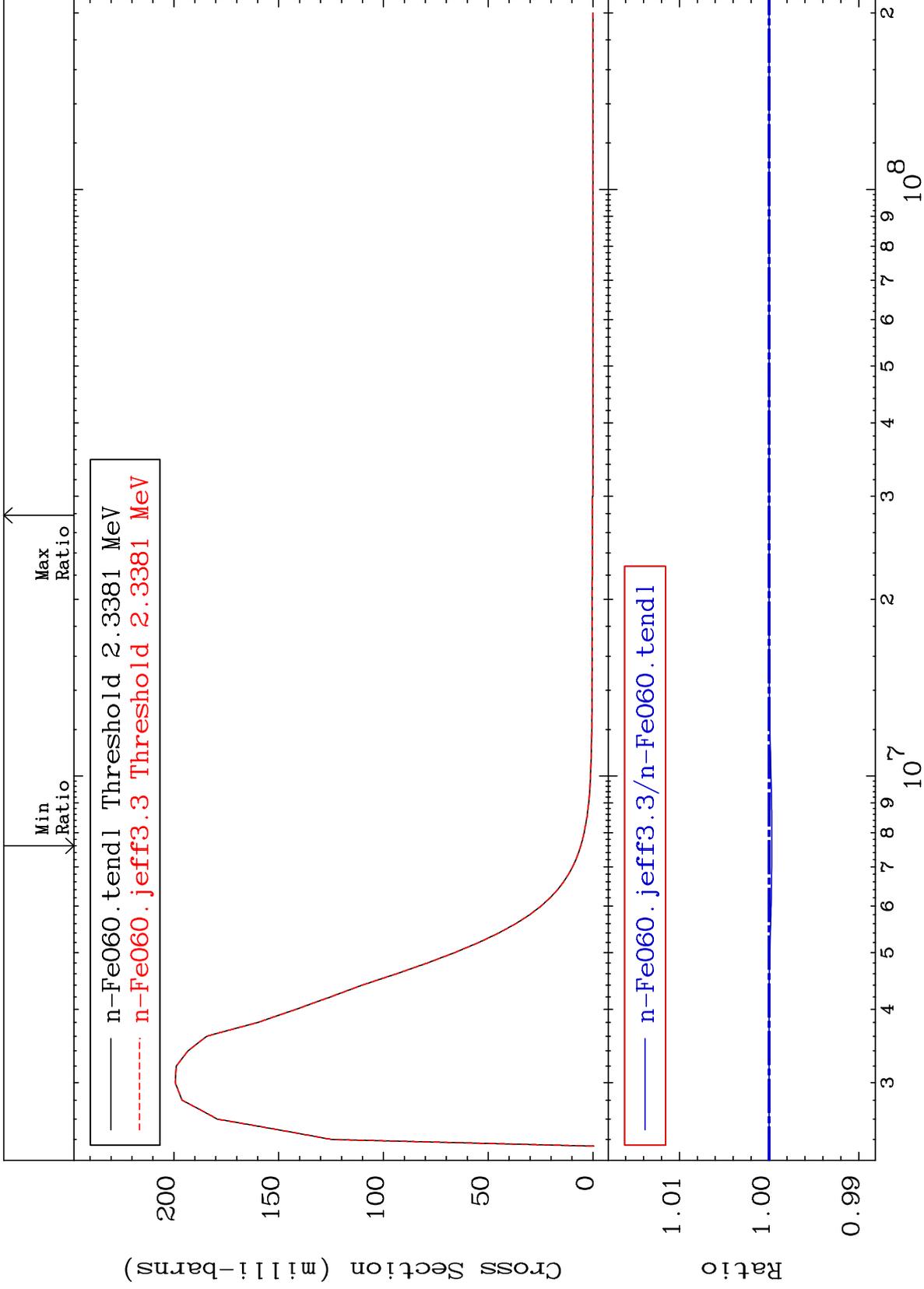
26-Fe-60
-0.014 To 0.000 %



MAT 2643

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

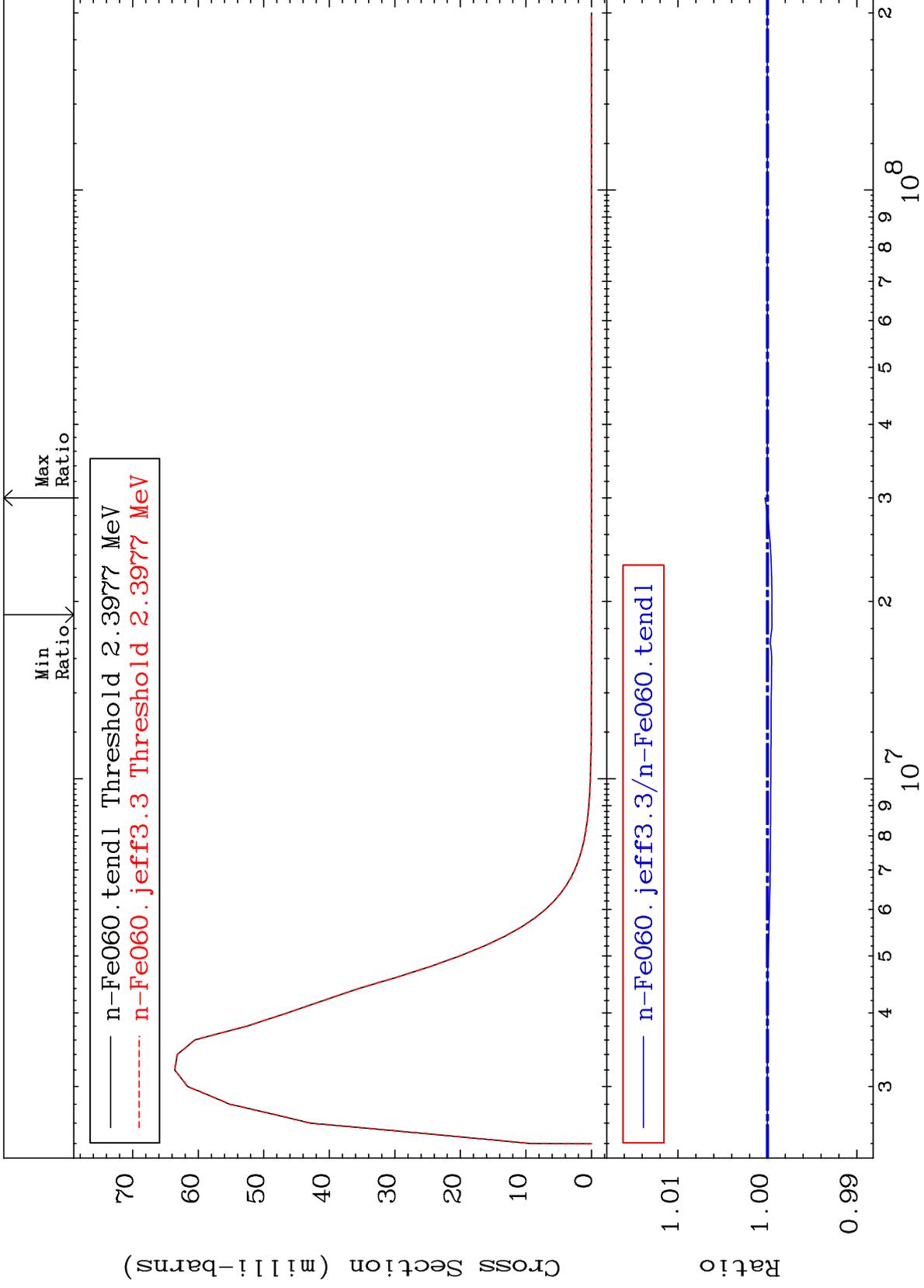
26-Fe-60
-0.030 To 0.000 %



MAT 2643

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

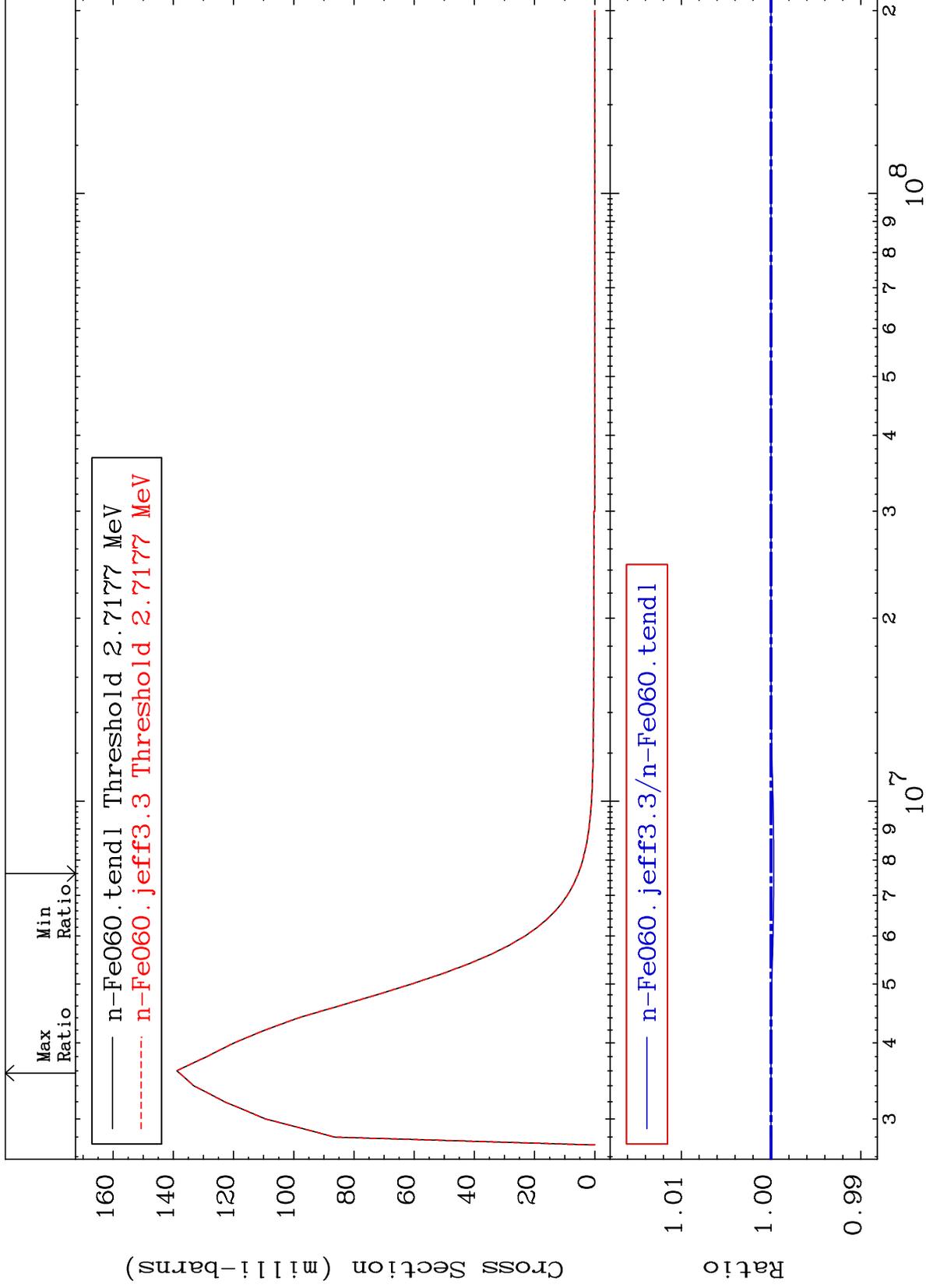
26-Fe-60
-0.051 To 0.027 %



MAT 2643

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

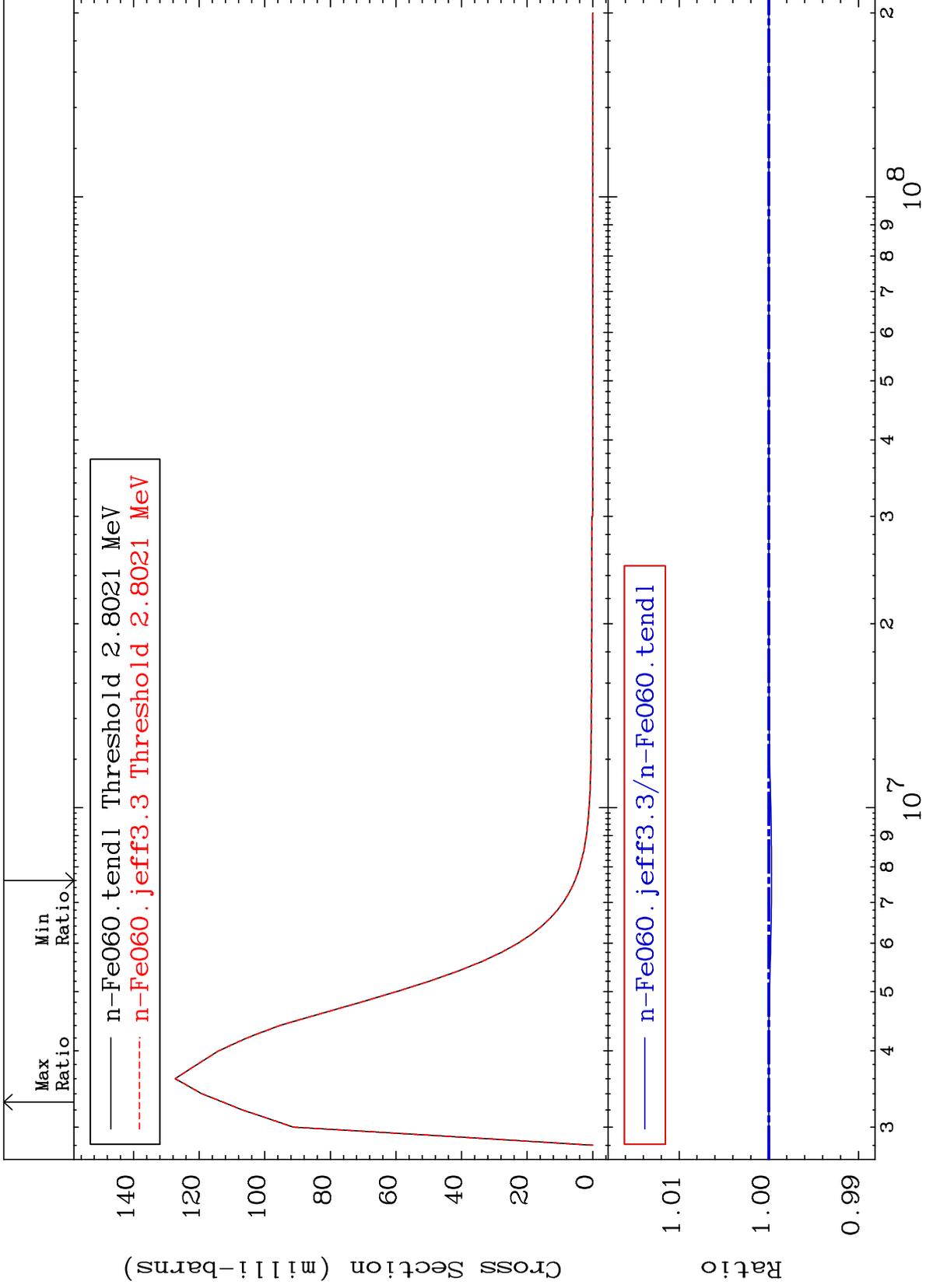
26-Fe-60
-0.031 To 0.000 %



MAT 2643

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

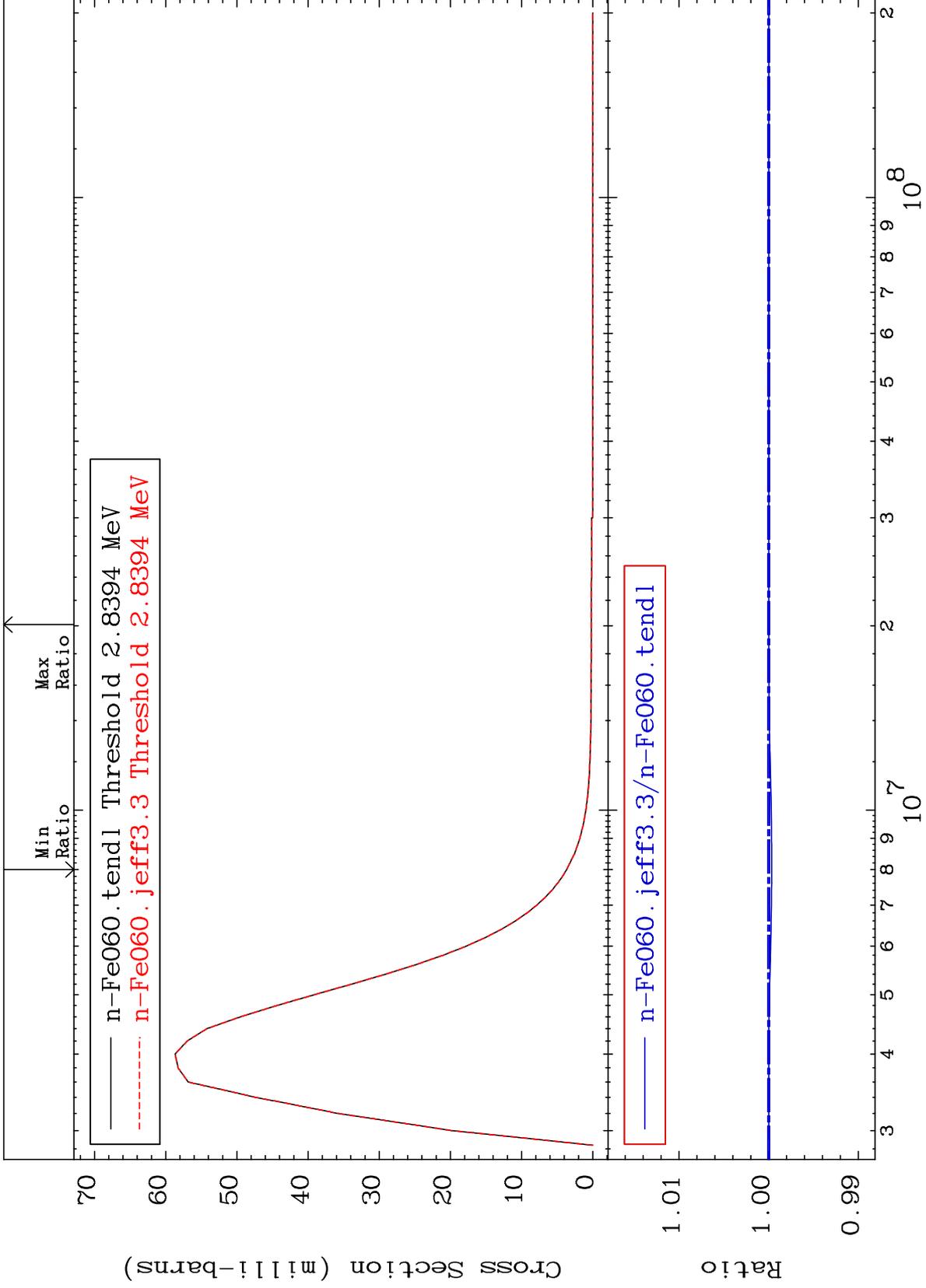
26-Fe-60
-0.031 To 0.000 %



MAT 2643

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

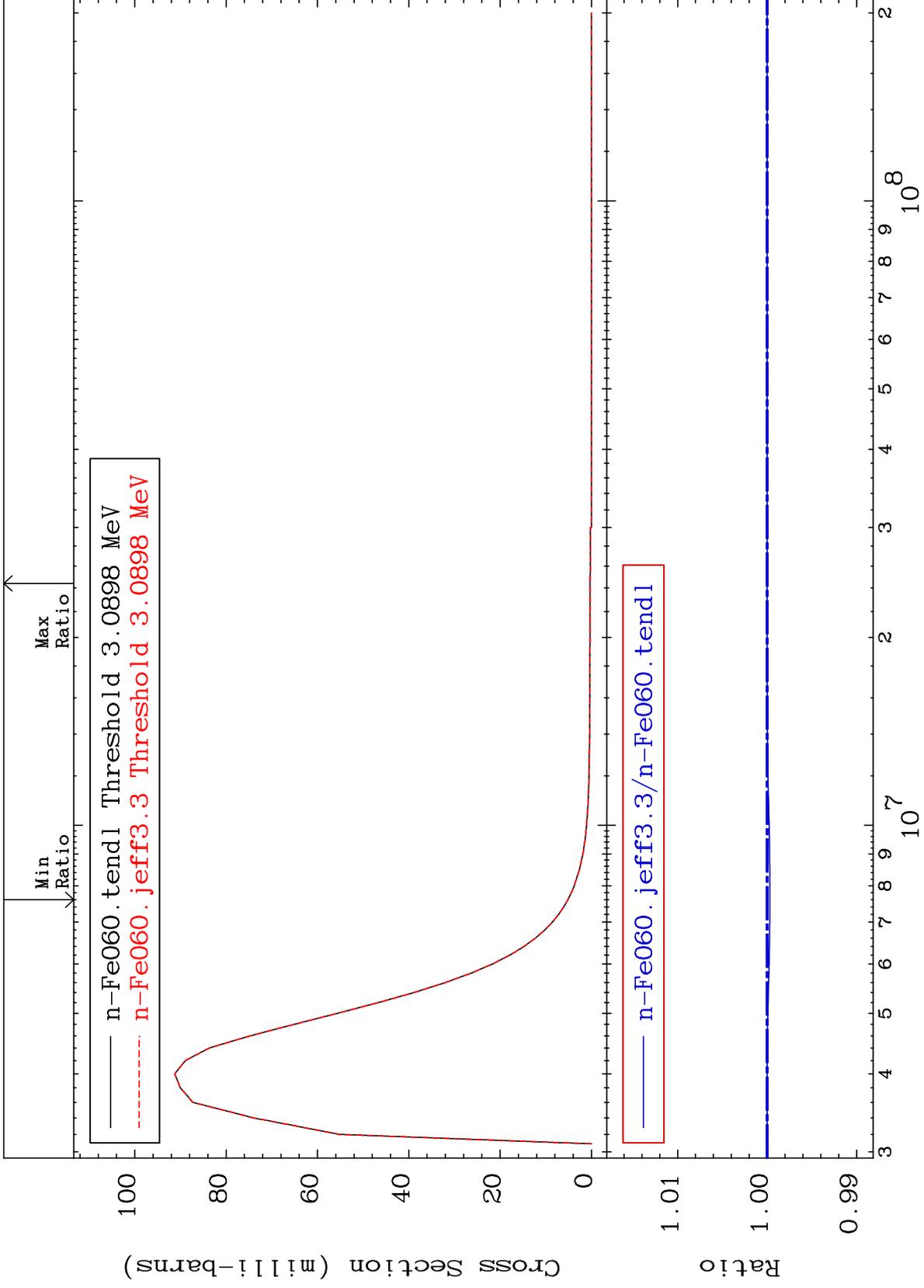
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

26-Fe-60
-0.031 To 0.000 %



25

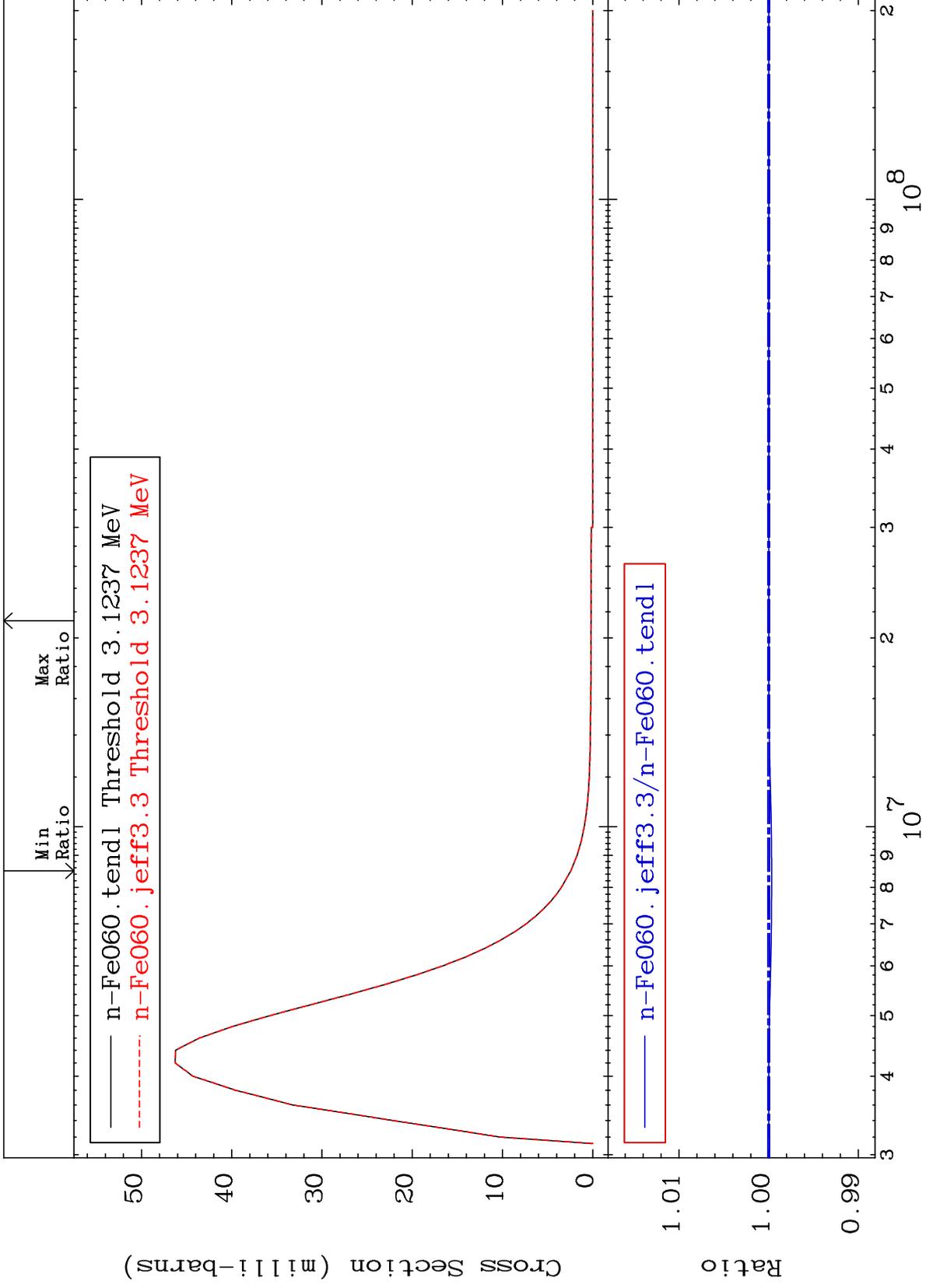
Incident Energy (eV)

26-Fe-60

MAT 2643

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

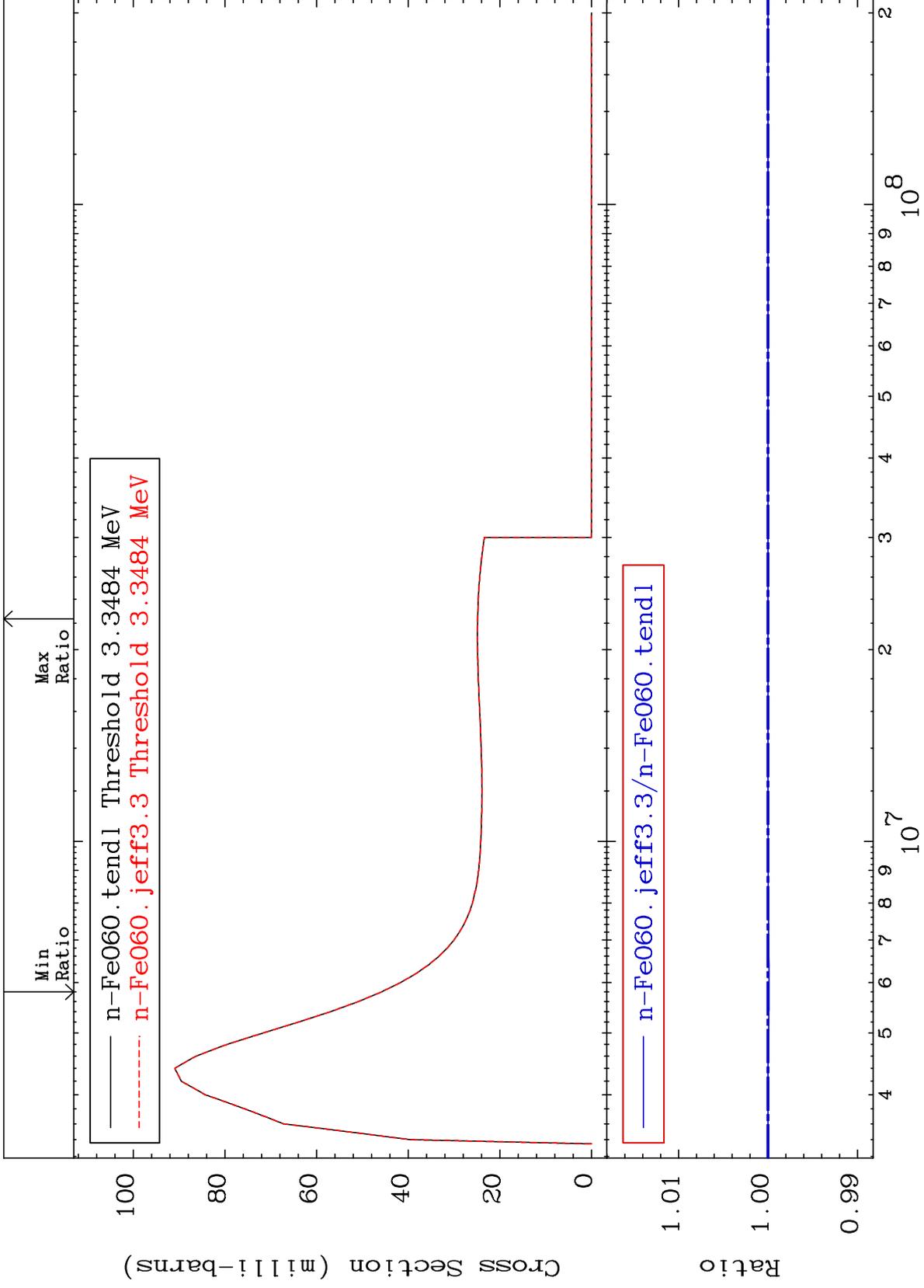
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

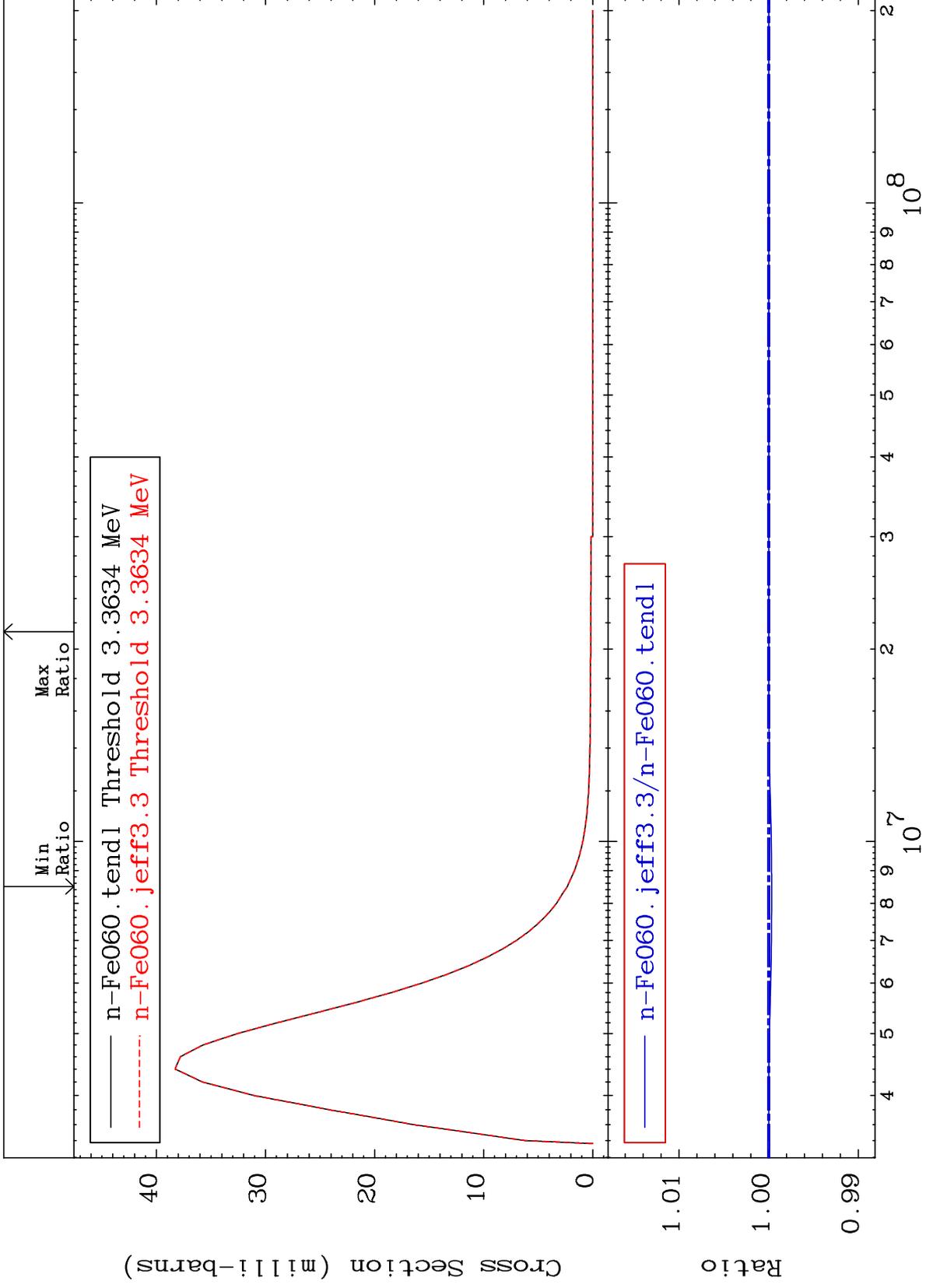
26-Fe-60
-0.012 To 0.000 %



MAT 2643

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

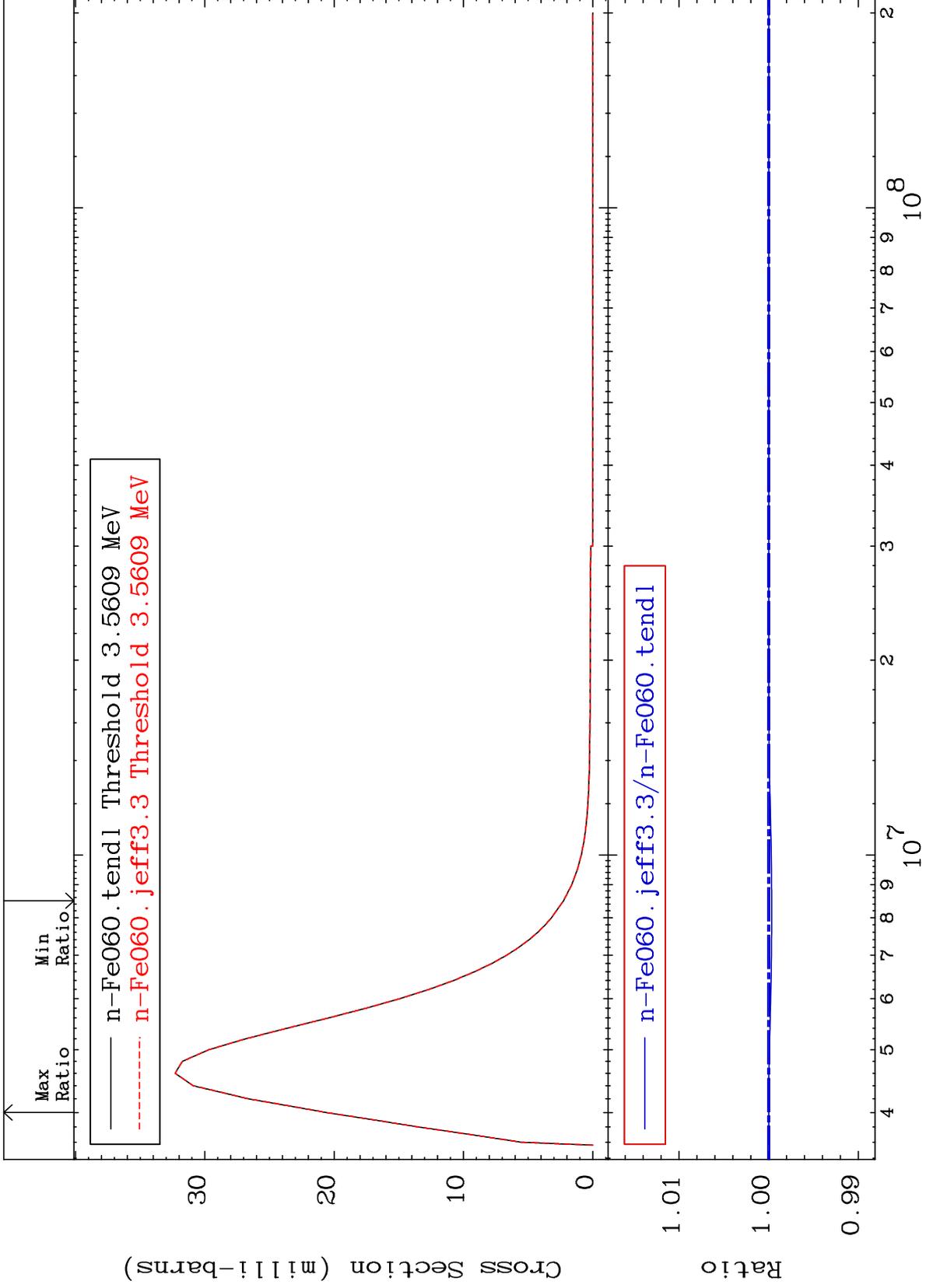
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

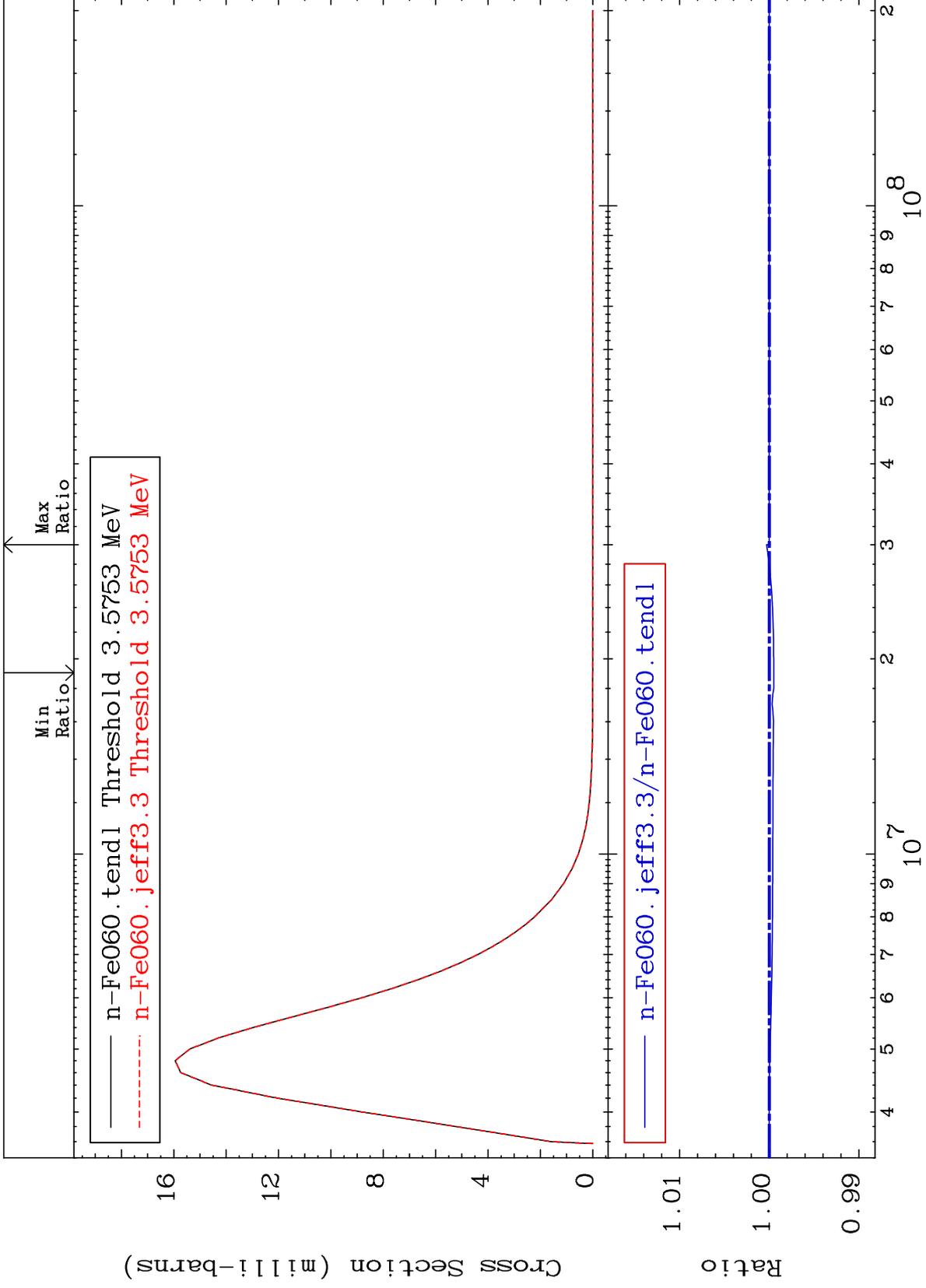
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

26-Fe-60
-0.050 To 0.030 %



30

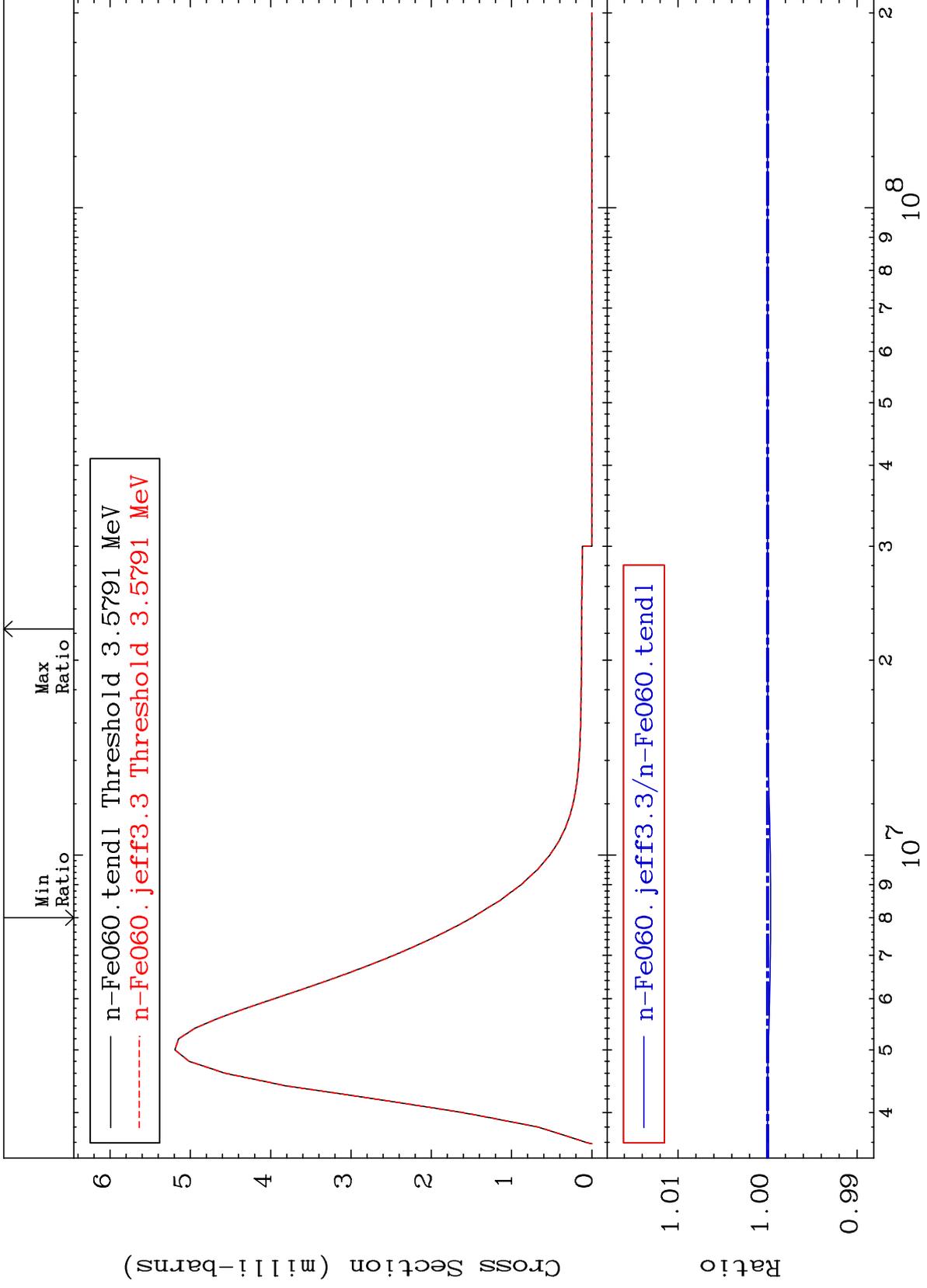
Incident Energy (eV)

26-Fe-60

MAT 2643

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

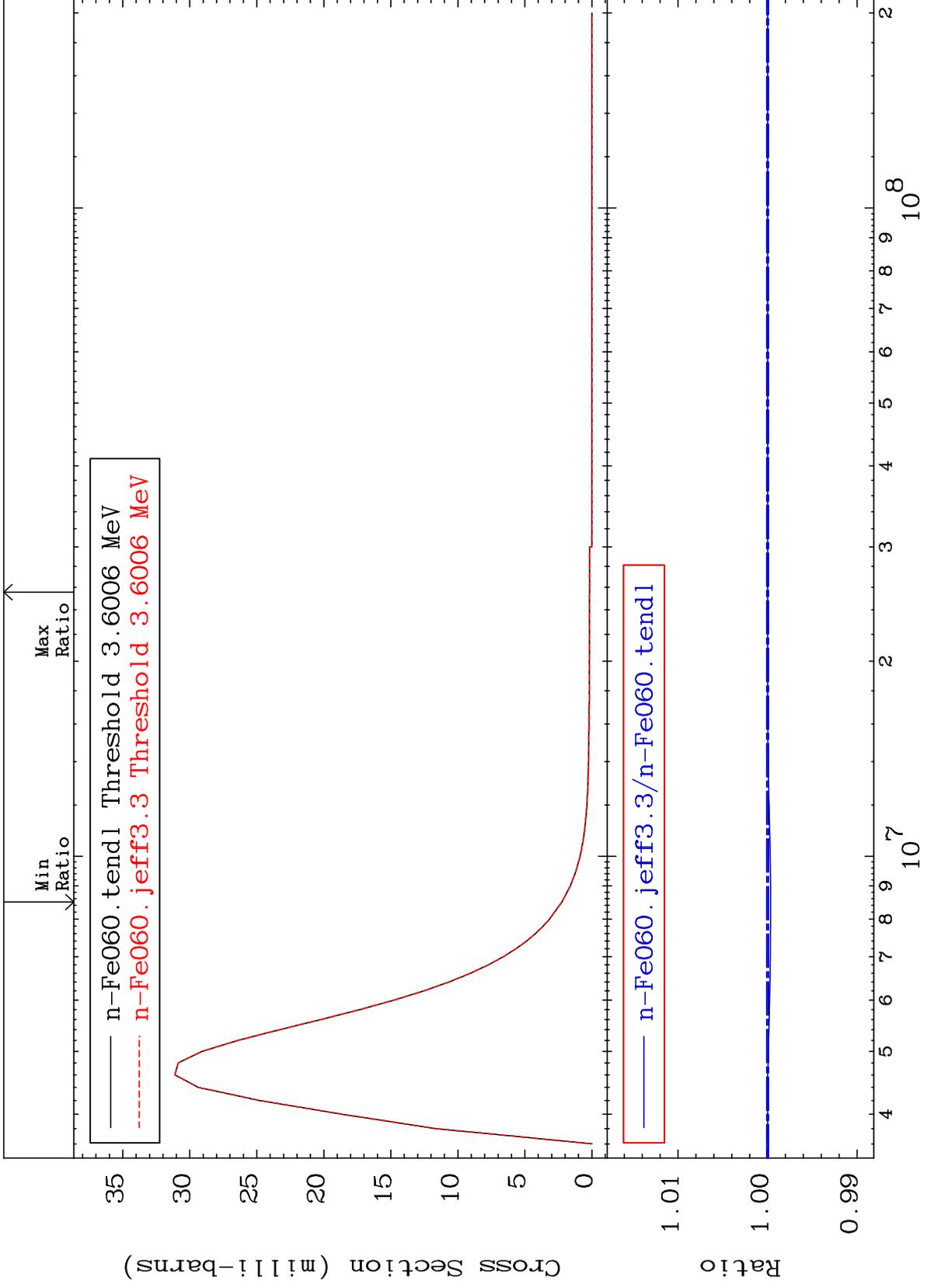
26-Fe-60
-0.034 To 0.000 %



MAT 2643

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

26-Fe-60
-0.033 To 0.000 %



32

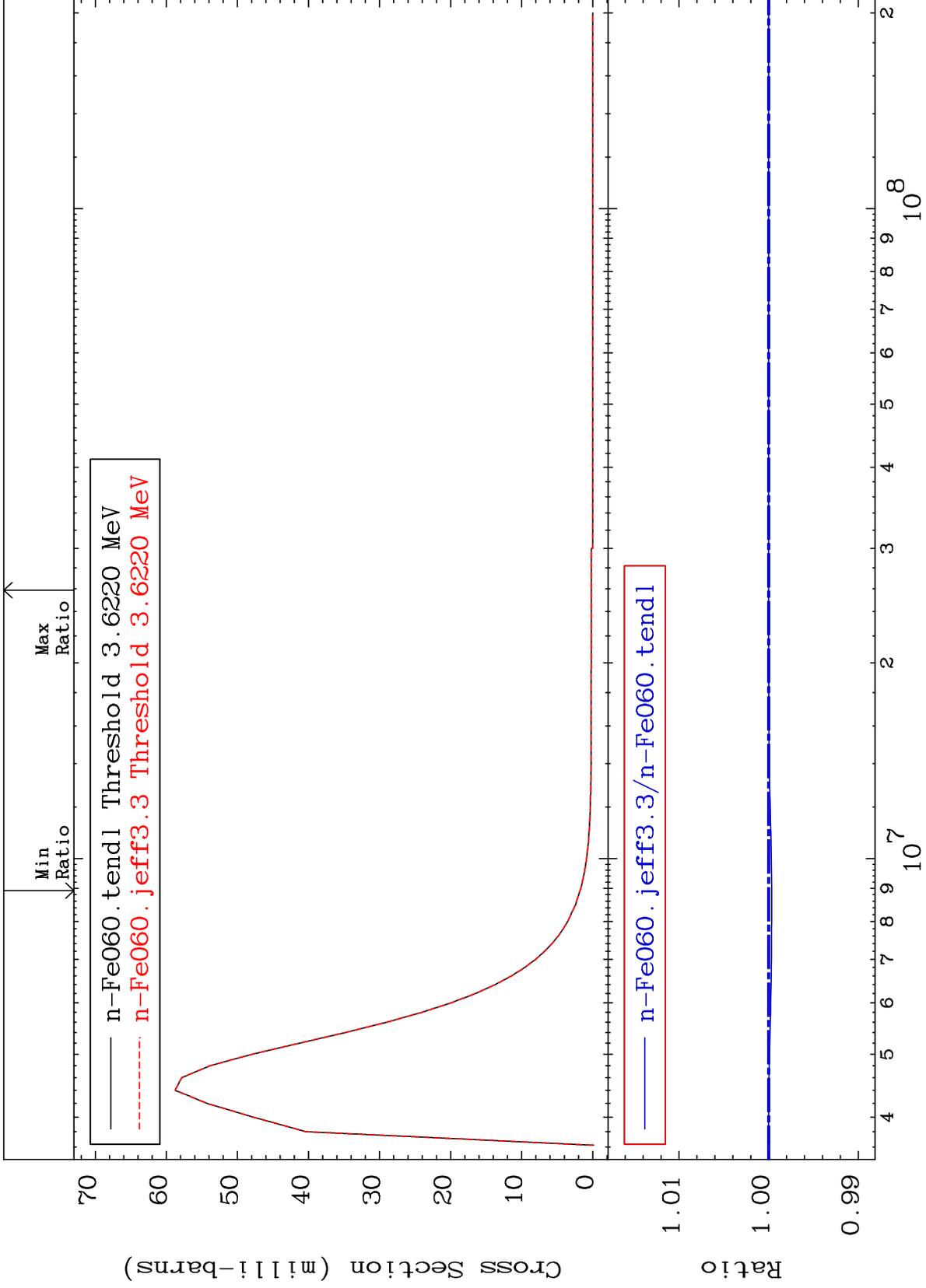
Incident Energy (eV)

26-Fe-60

MAT 2643

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

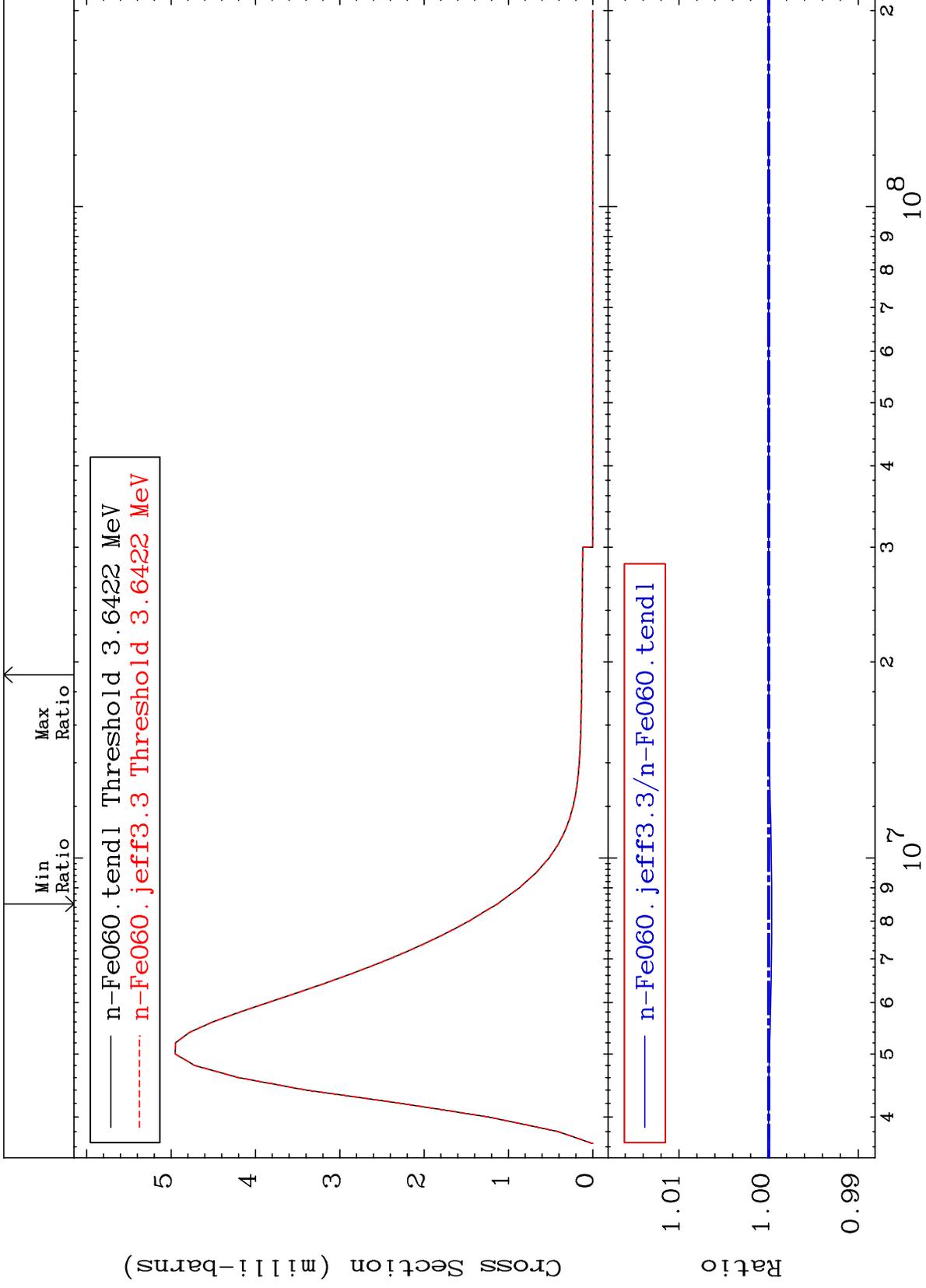
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

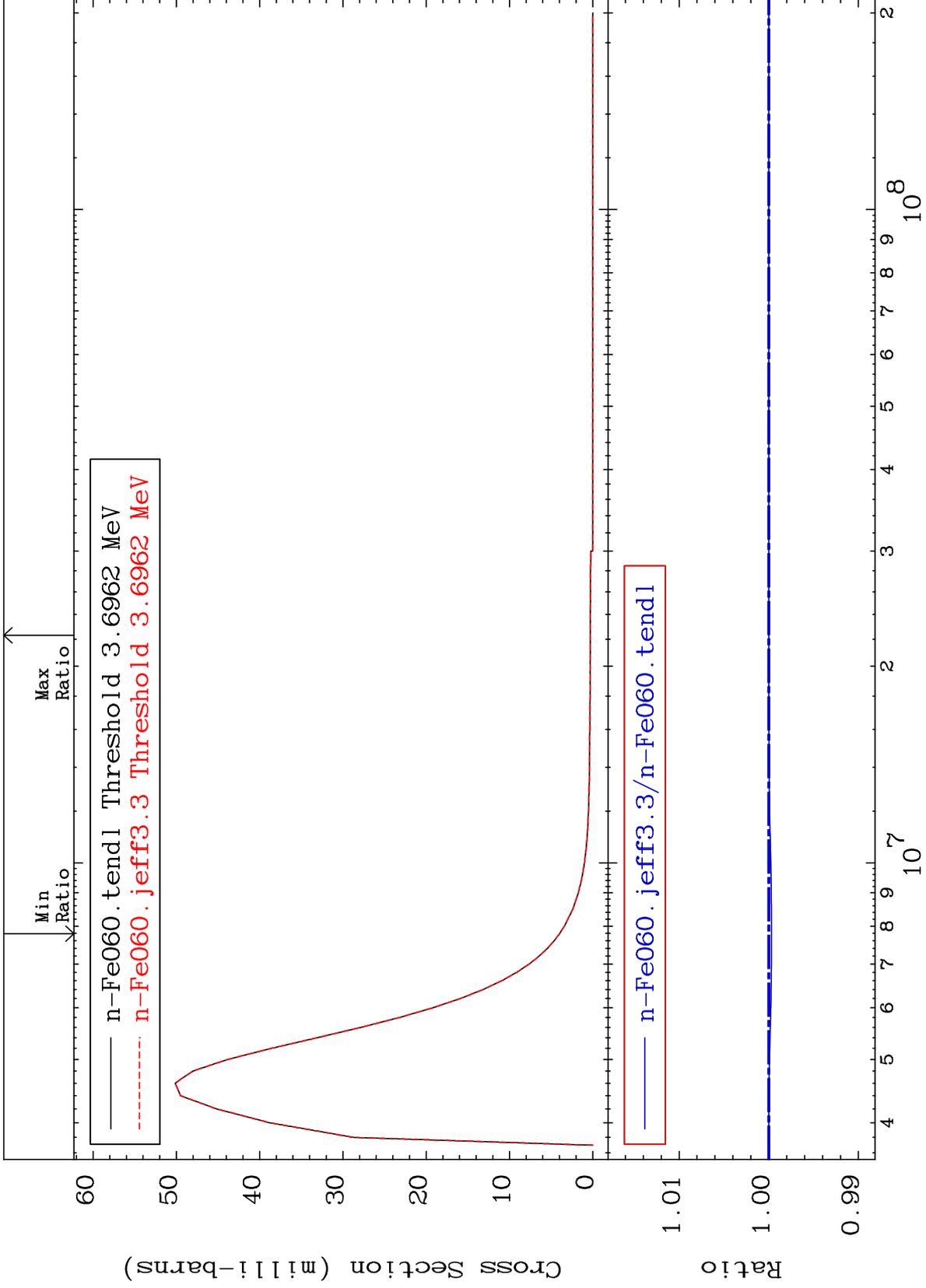
26-Fe-60
-0.035 To 0.000 %



MAT 2643

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

26-Fe-60
-0.031 To 0.000 %



35

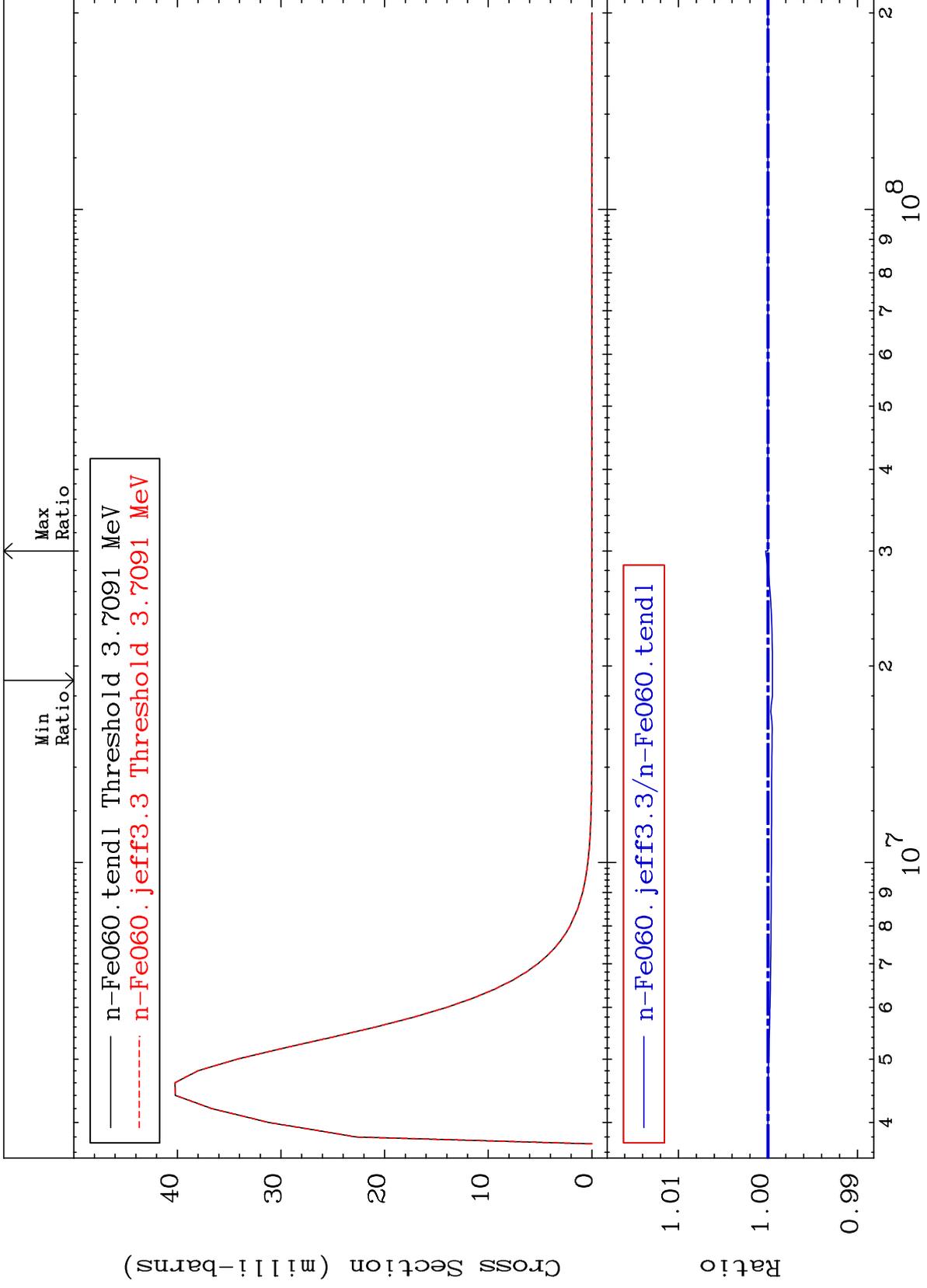
Incident Energy (eV)

26-Fe-60

MAT 2643

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

26-Fe-60
-0.051 To 0.026 %



36

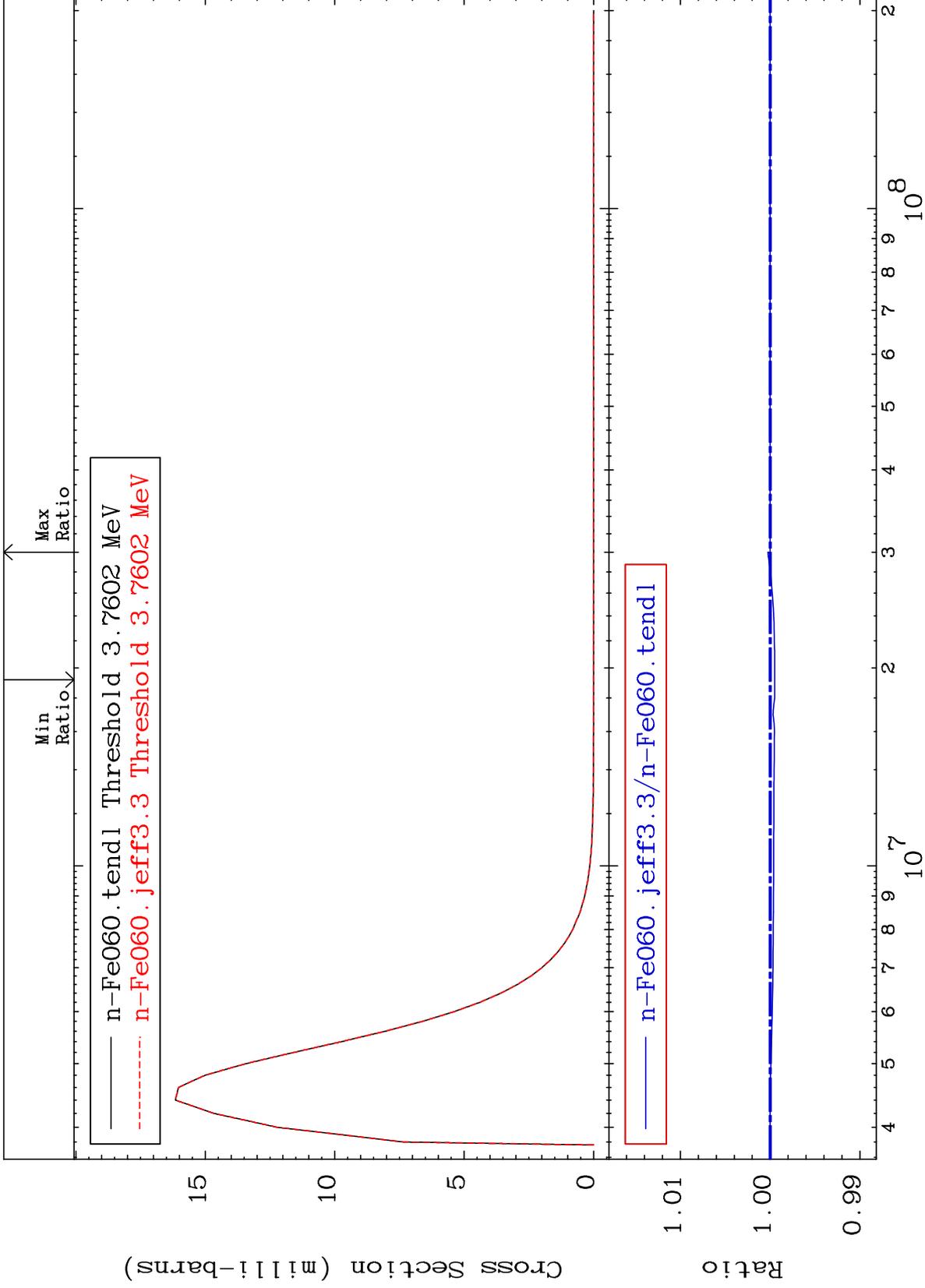
Incident Energy (eV)

26-Fe-60

MAT 2643

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

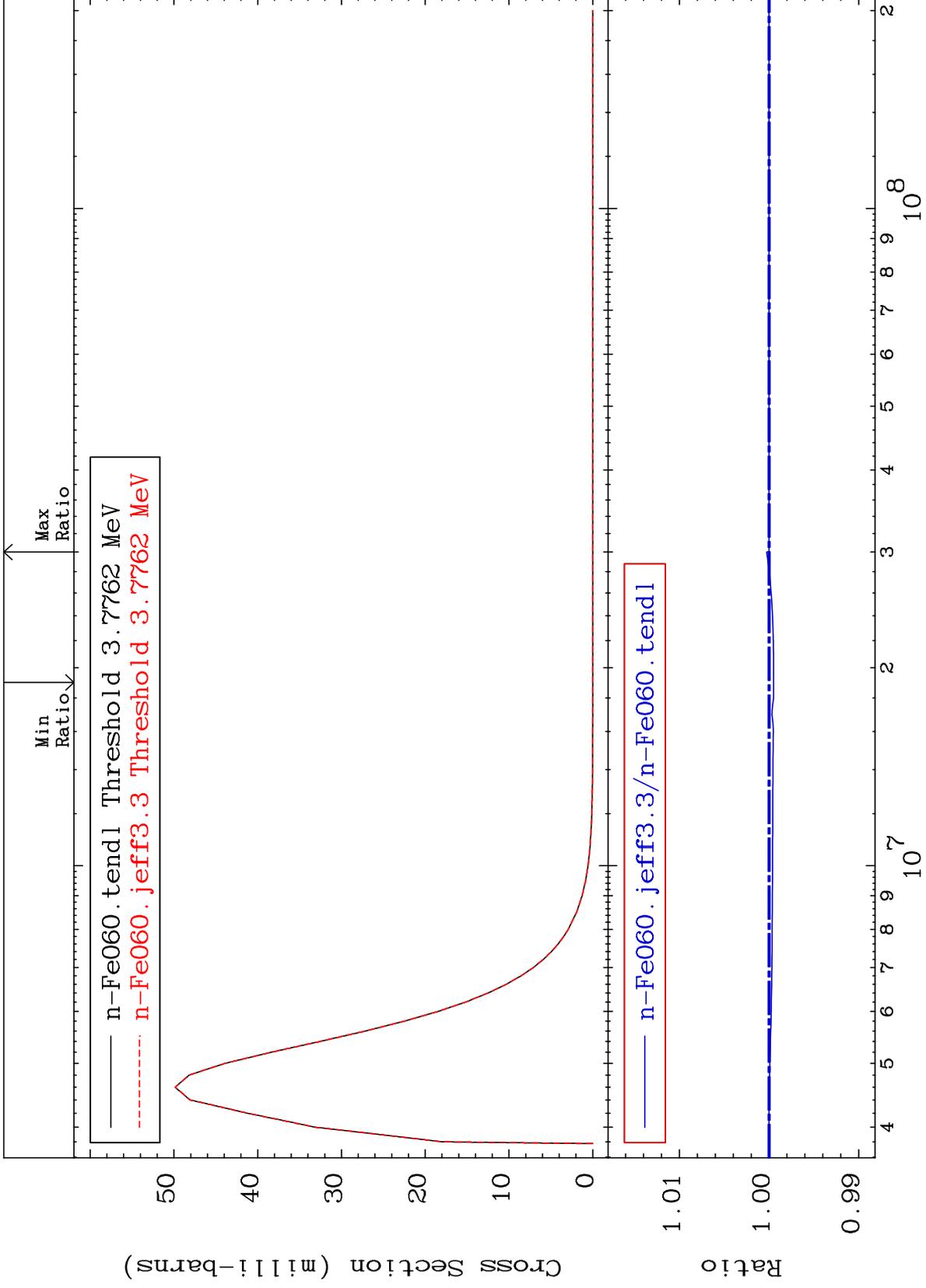
26-Fe-60
-0.051 To 0.027 %



MAT 2643

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

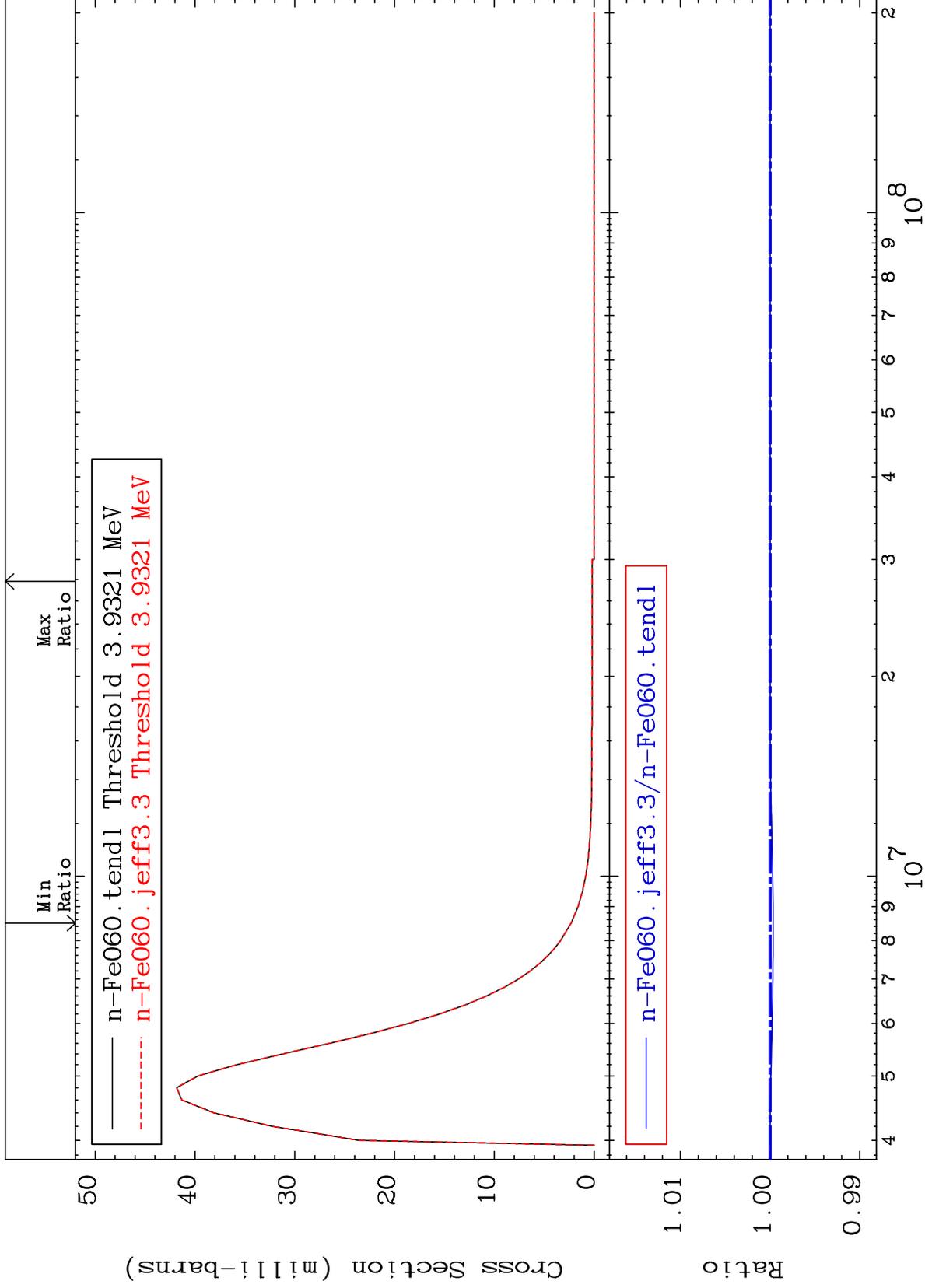
26-Fe-60
-0.051 To 0.027 %



MAT 2643

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

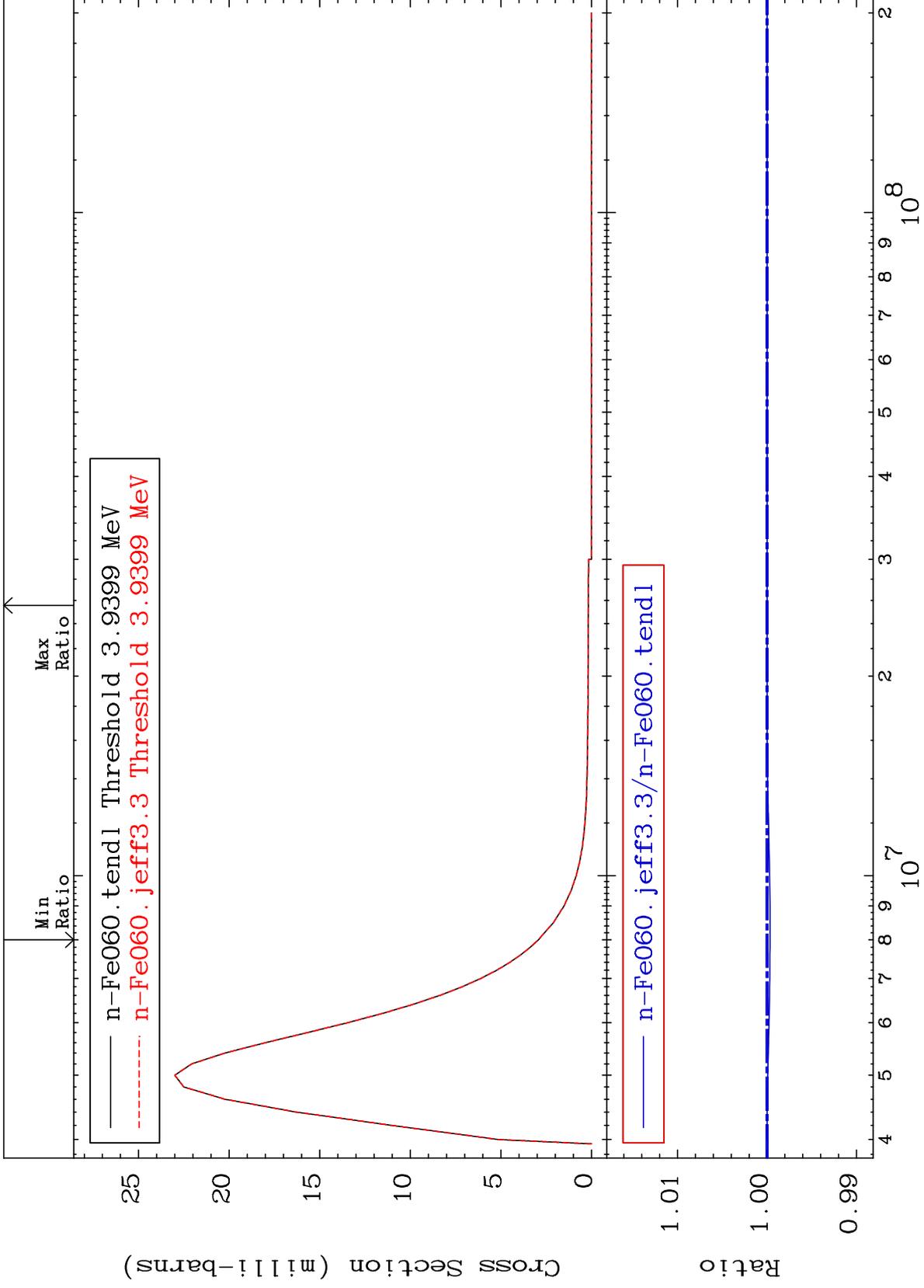
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

26-Fe-60
-0.033 To 0.000 %



40

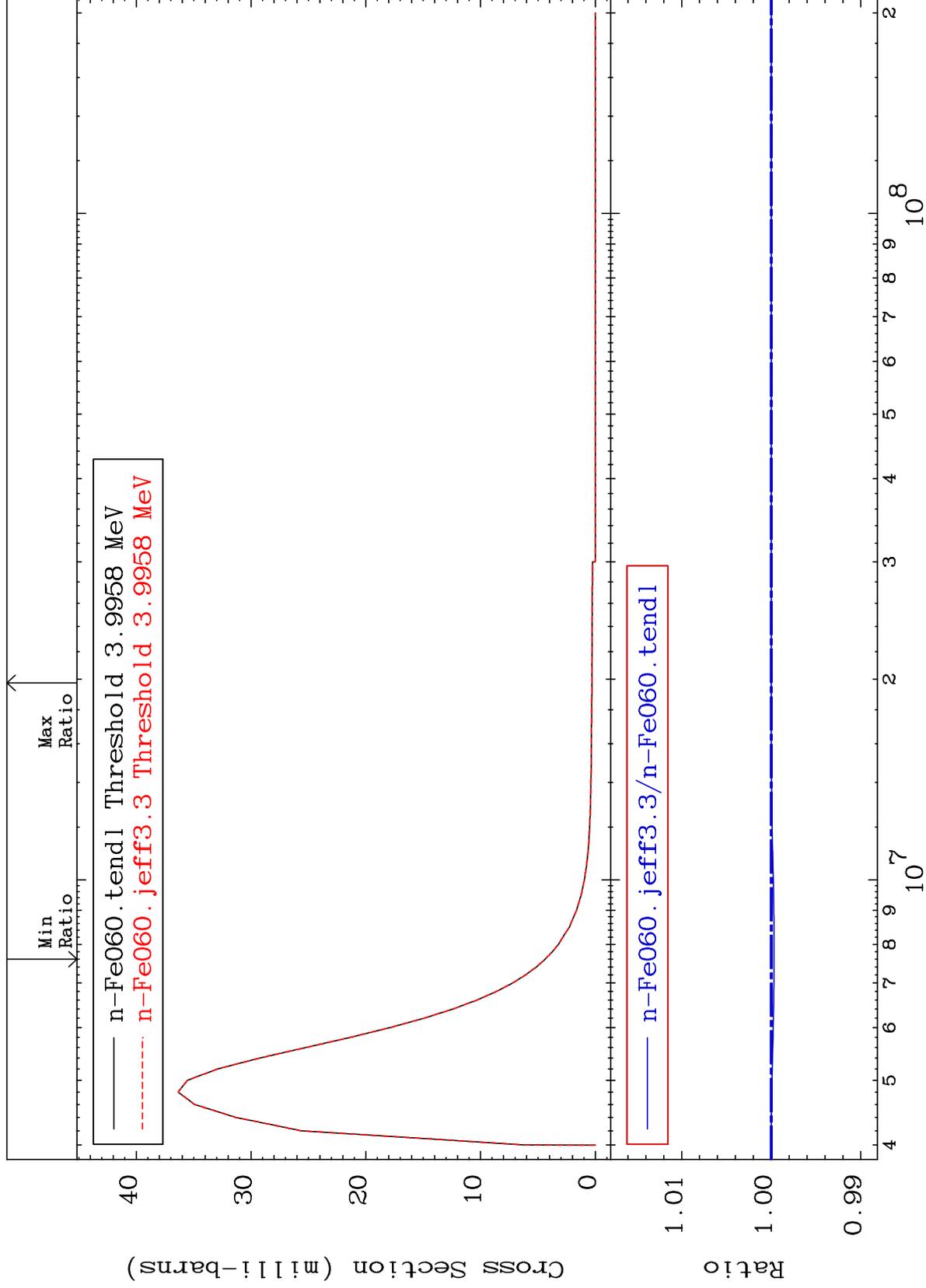
Incident Energy (eV)

26-Fe-60

MAT 2643

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

26-Fe-60
-0.031 To 0.000 %



41

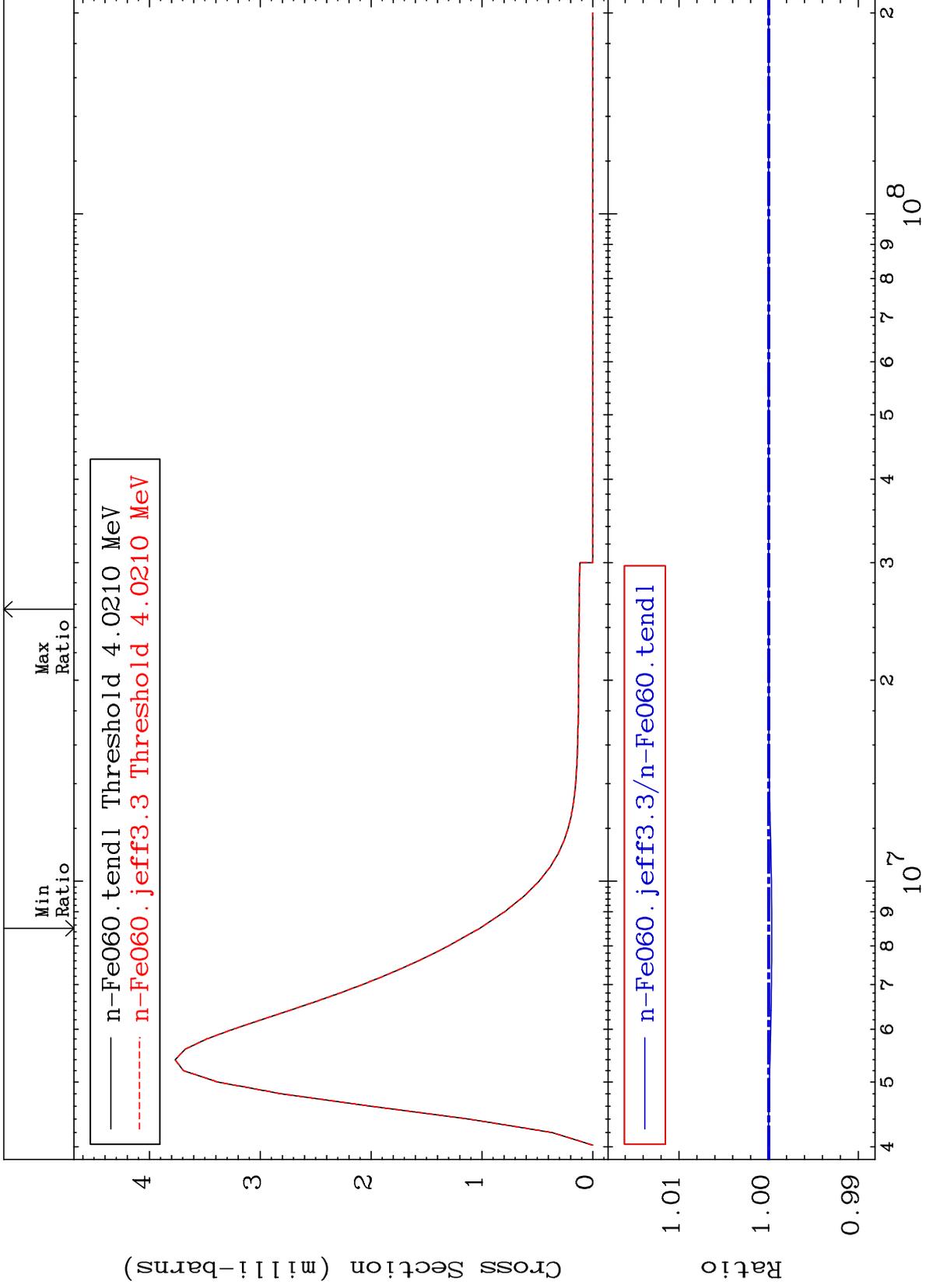
Incident Energy (eV)

26-Fe-60

MAT 2643

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

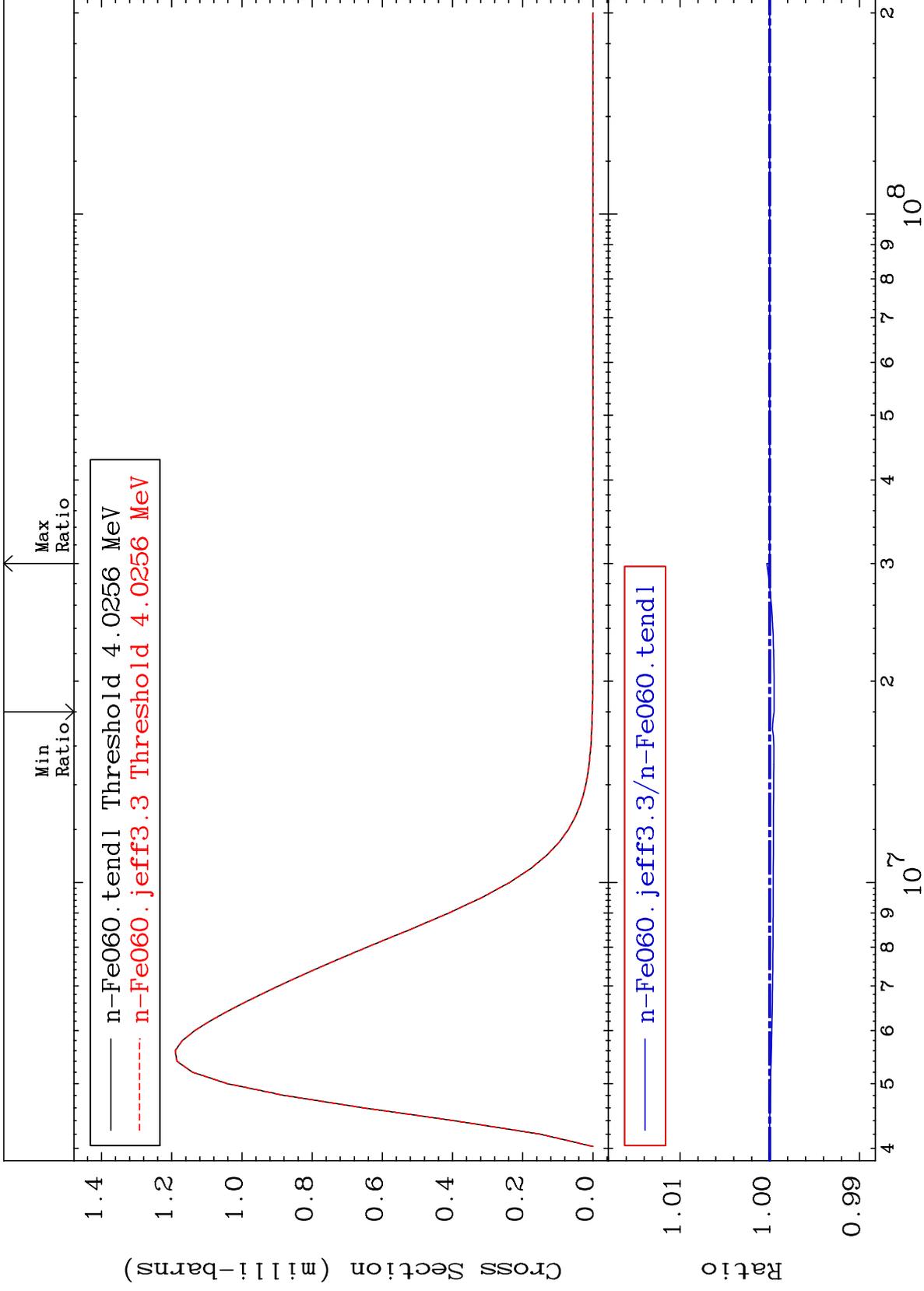
26-Fe-60
-0.034 To 0.000 %



MAT 2643

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

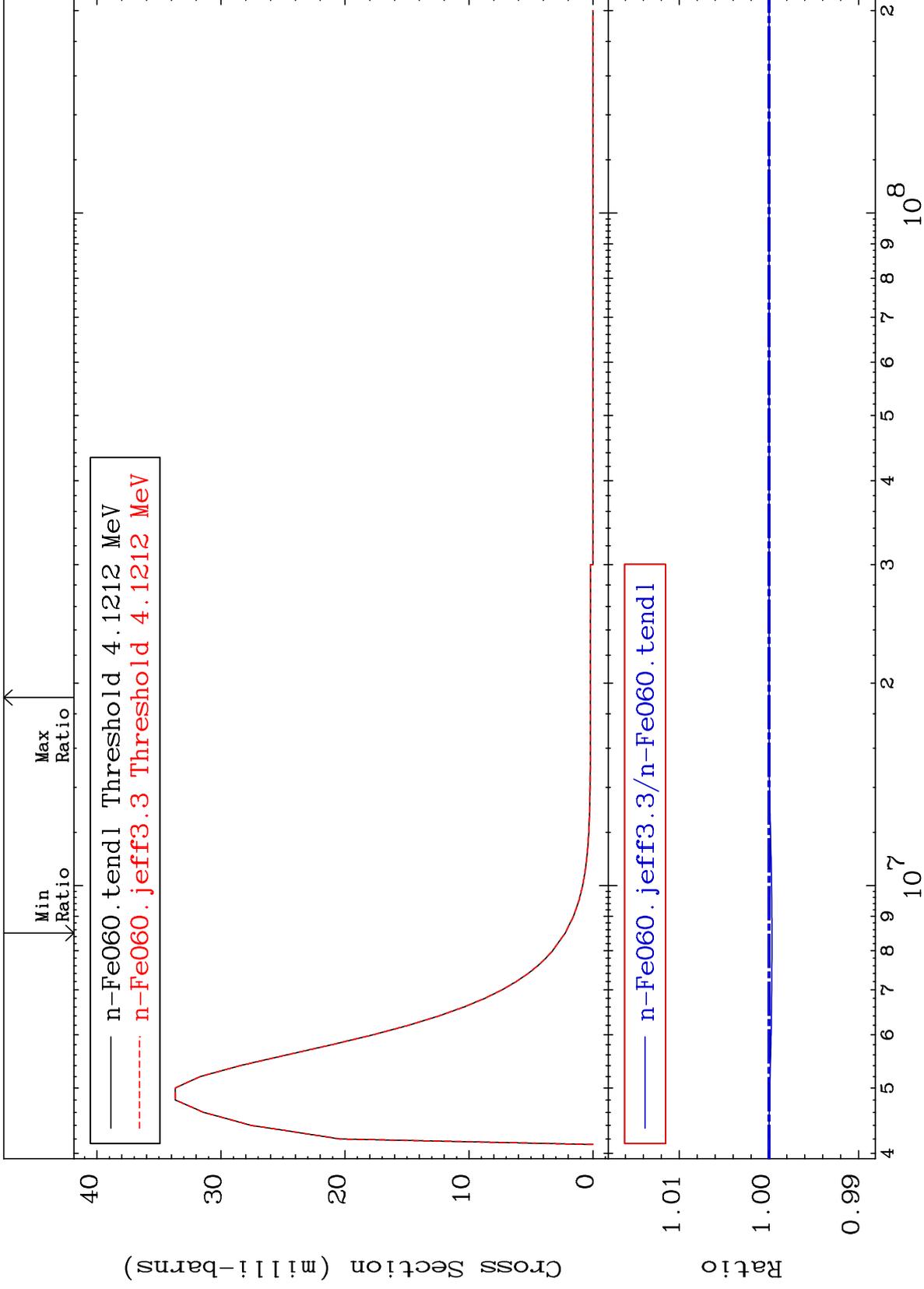
26-Fe-60
-0.049 To 0.033 %



MAT 2643

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

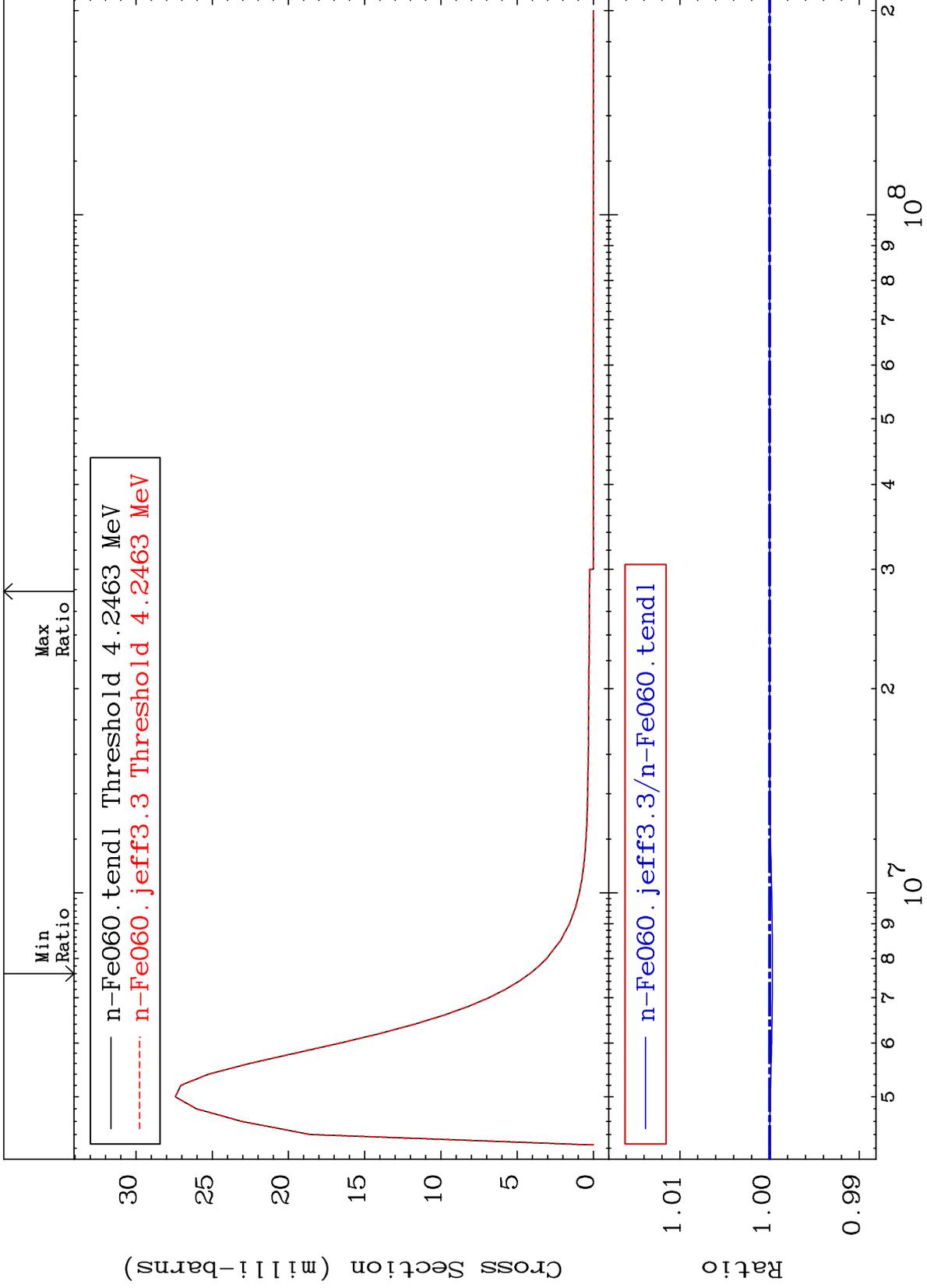
26-Fe-60
-0.033 To 0.000 %



MAT 2643

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

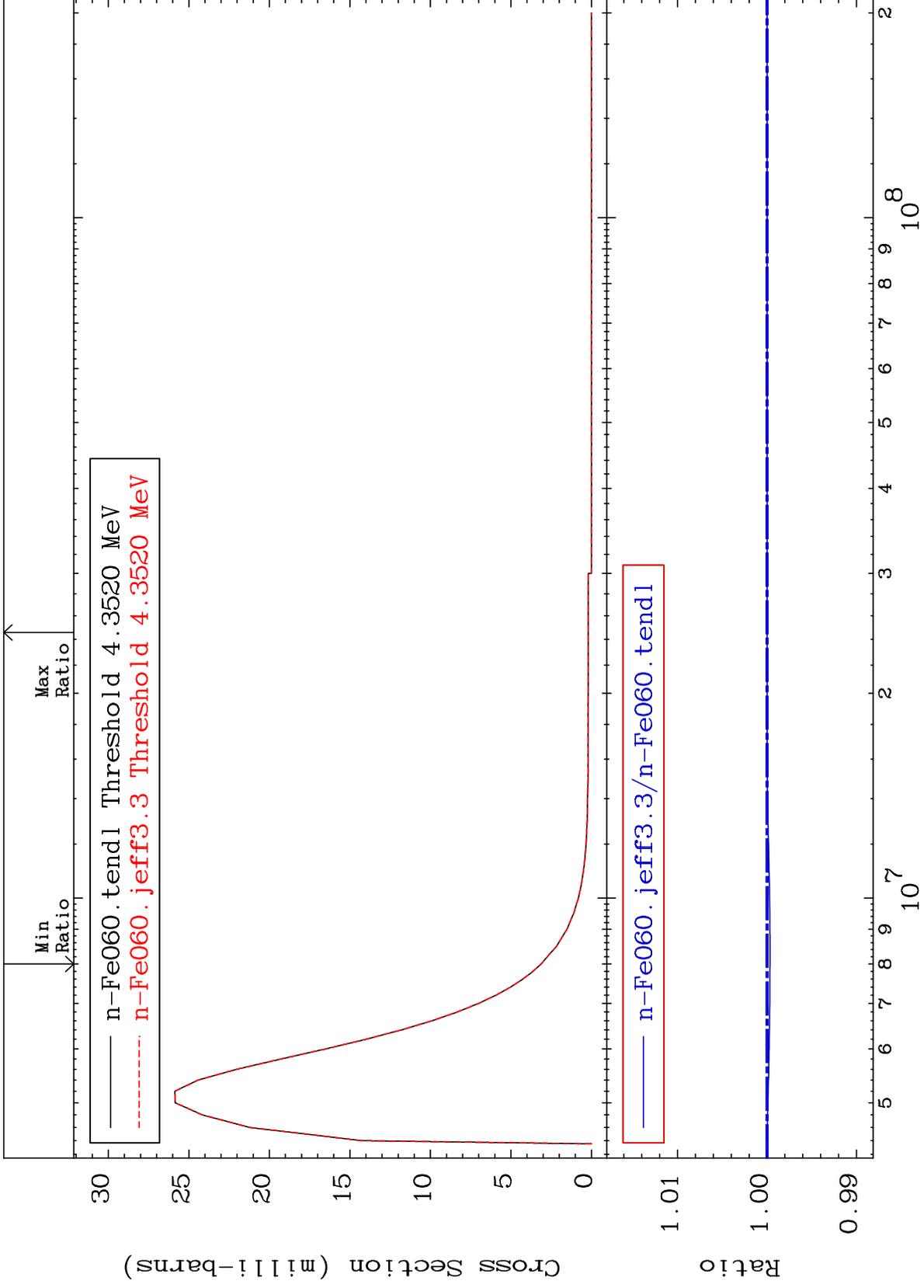
26-Fe-60
-0.031 To 0.000 %



MAT 2643

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

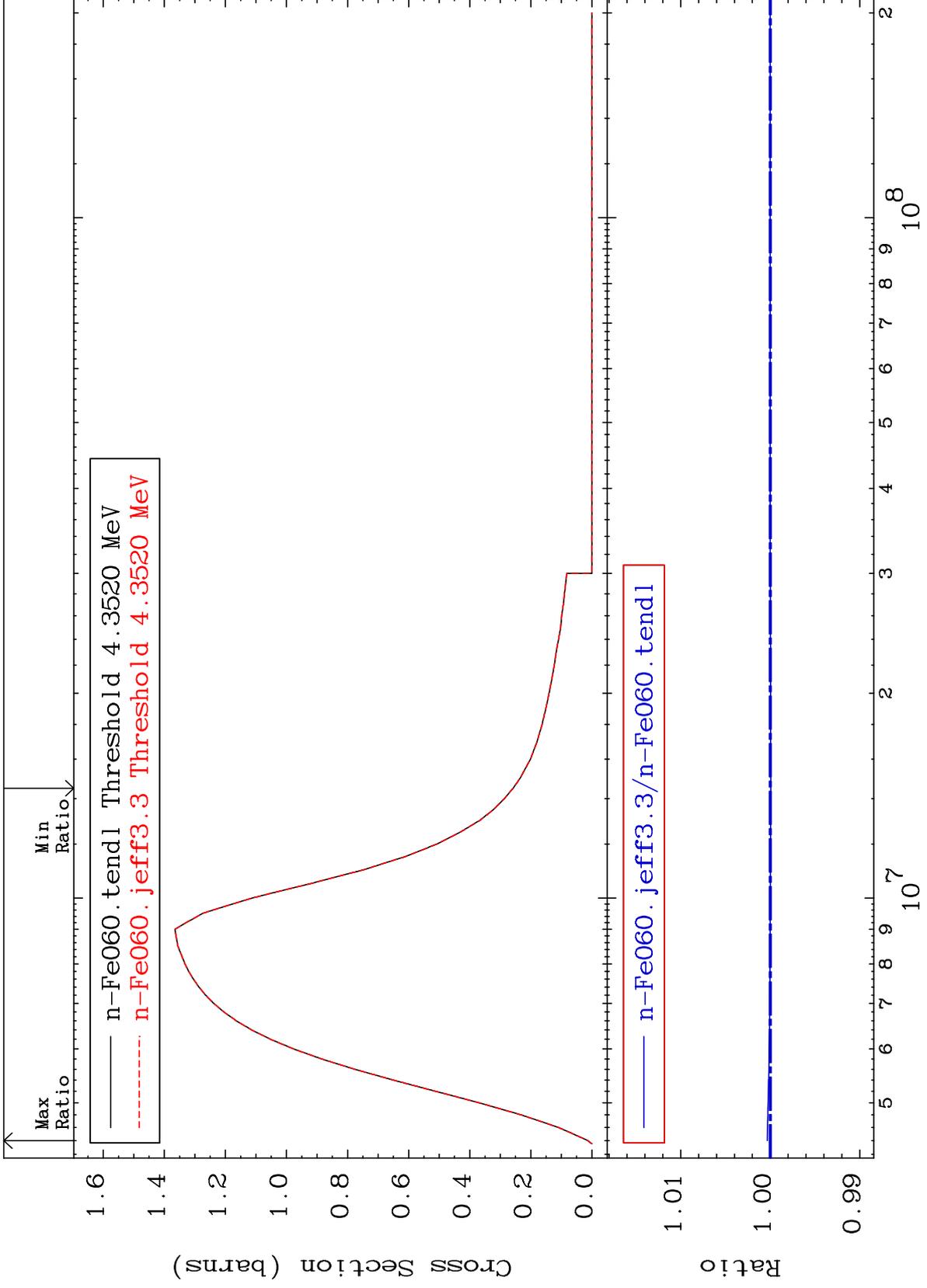
26-Fe-60
-0.033 To 0.000 %



MAT 2643

(n,n') Continuum
Cross Section

26-Fe-60
-0.006 To 0.033 %



47

Incident Energy (eV)

26-Fe-60

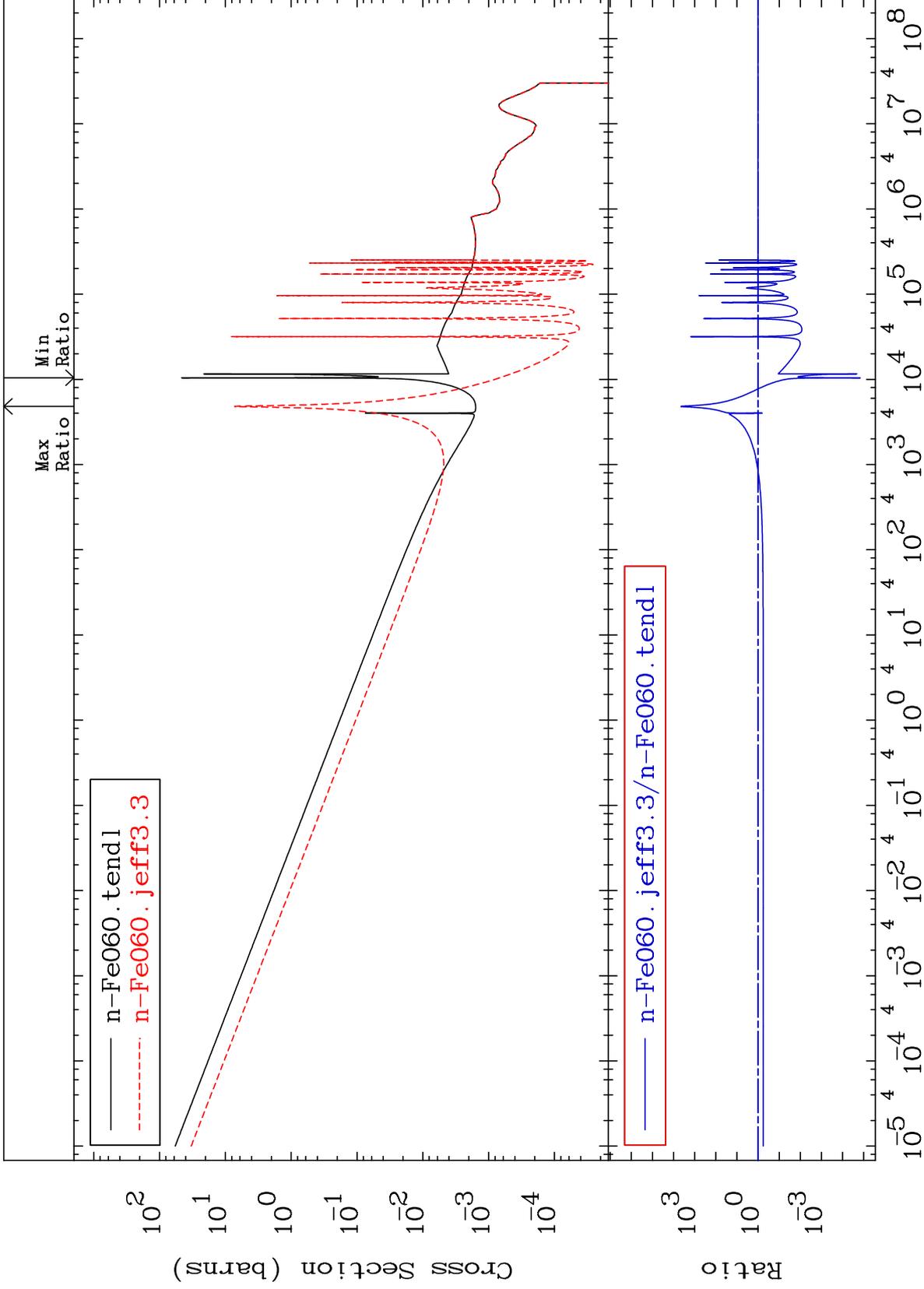
MAT 2643

(n, γ)

²⁶Fe-60

Cross Section

-100.0 To 9999. %



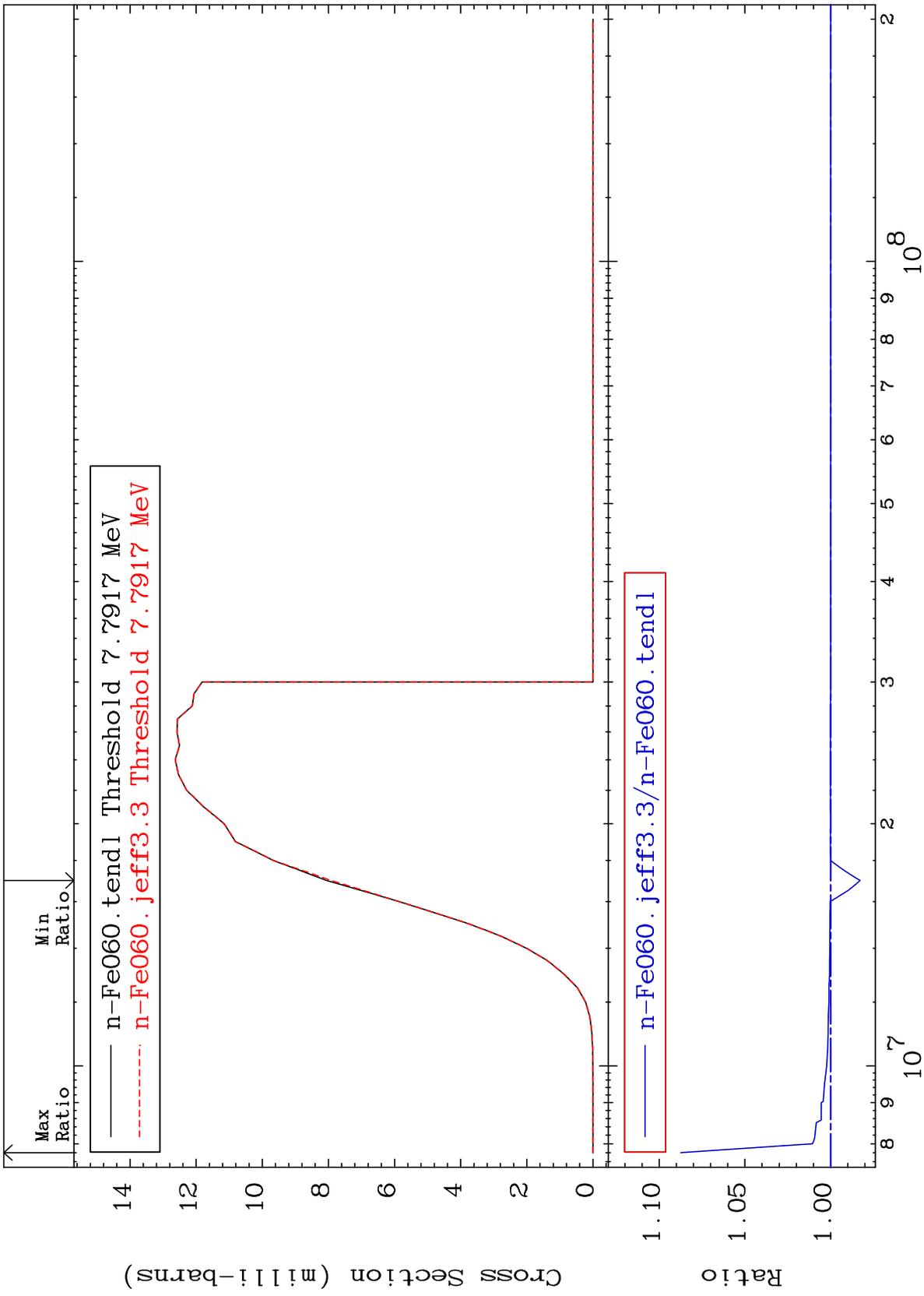
MAT 2643

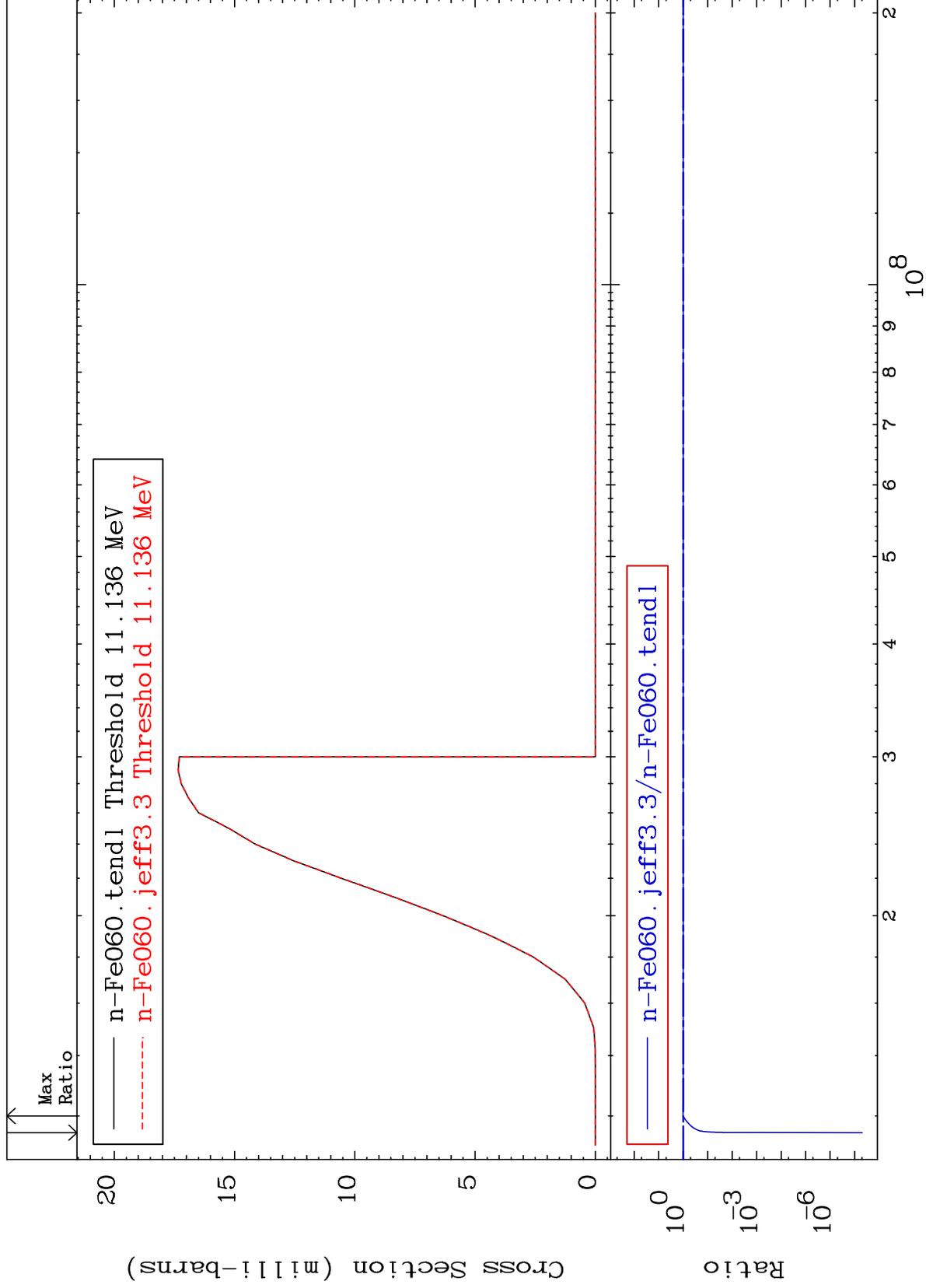
(n,p)

²⁶Fe-60

Cross Section

-1.720 To 8.742 %





MAT 2643

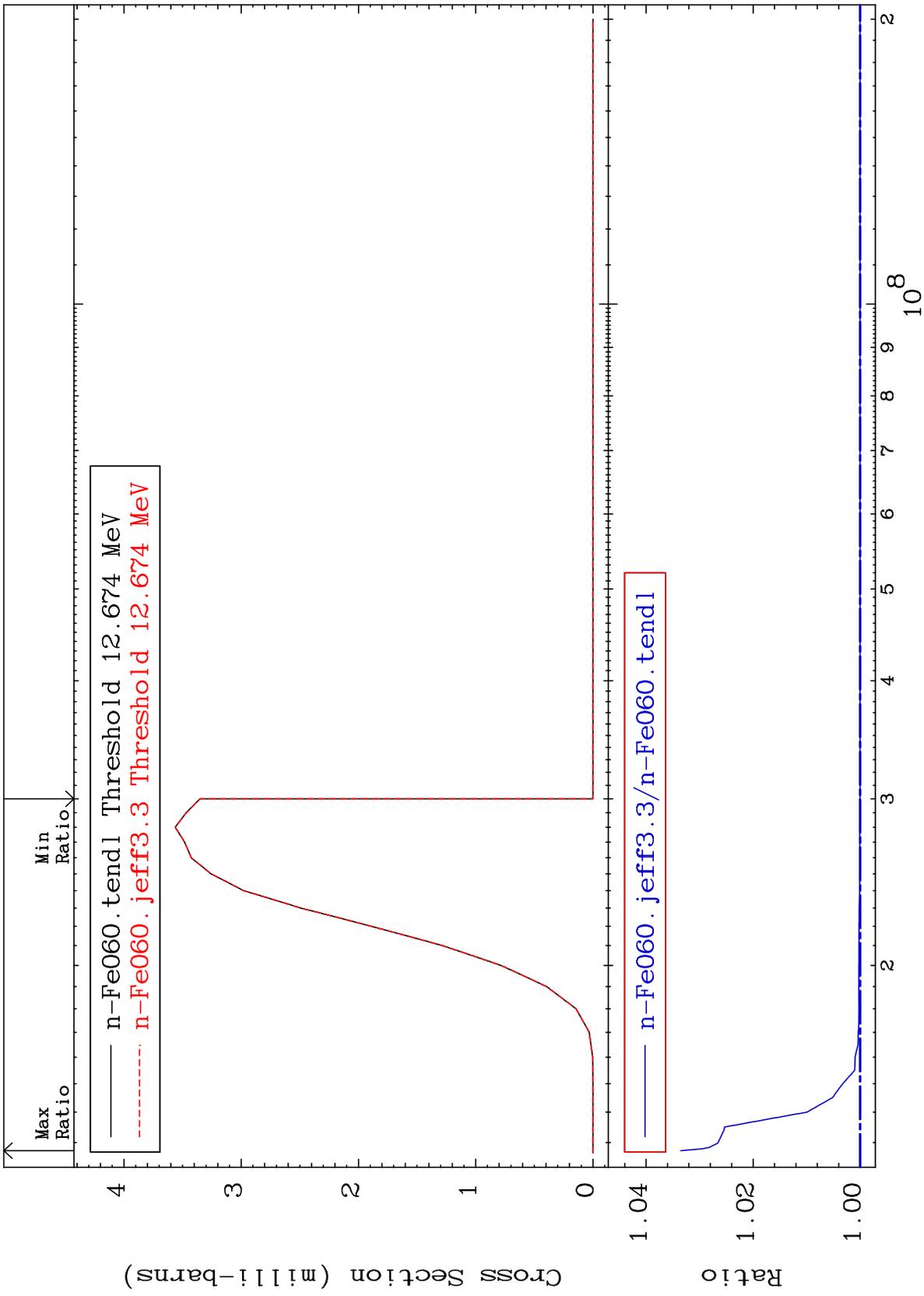
(n, t)

²⁶Fe-60

Cross Section

0.000

To 3.353 %



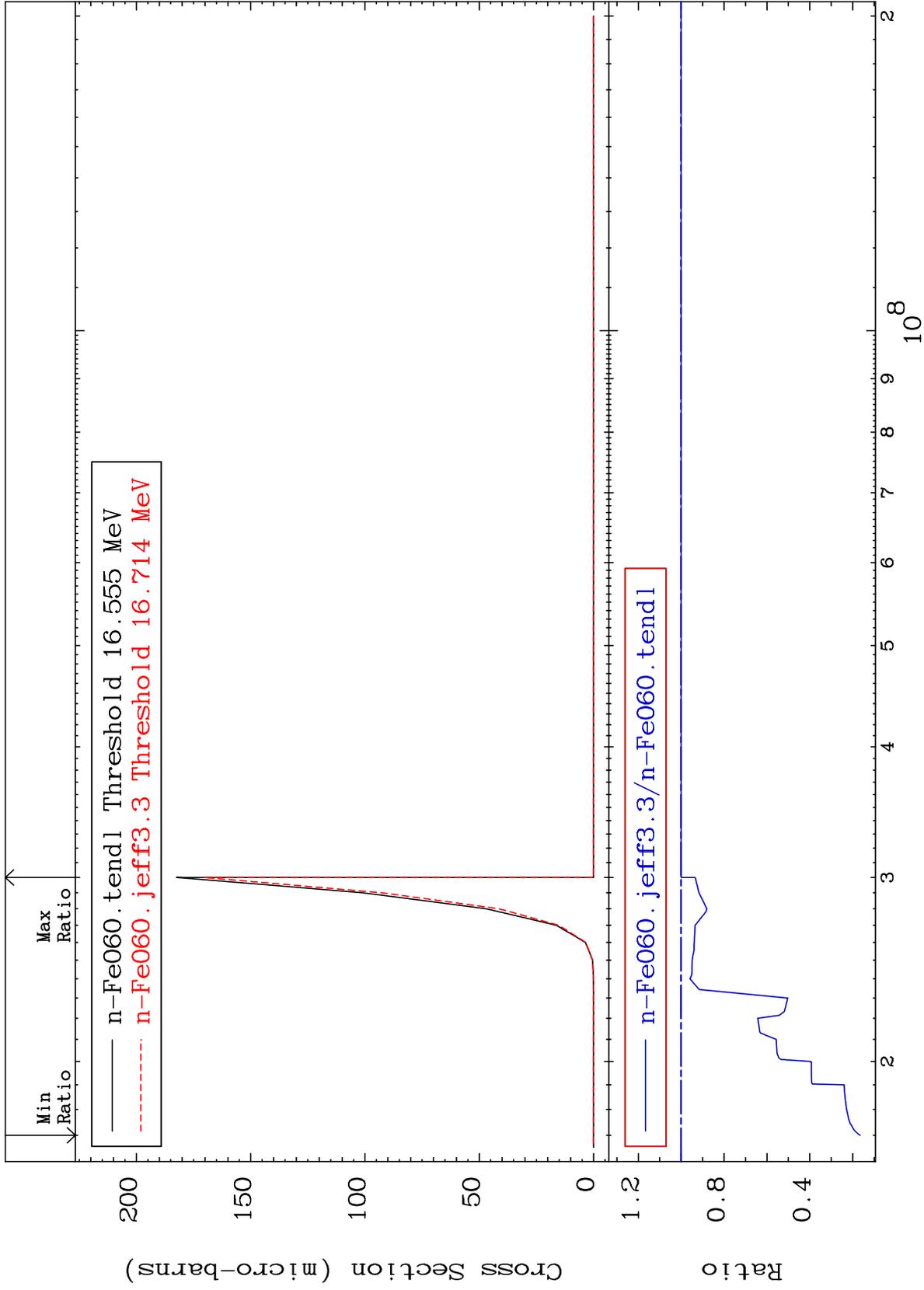
MAT 2643

(n, He-3)

26-Fe-60

Cross Section

-83.50 To 0.000 %



52

Incident Energy (eV)

26-Fe-60

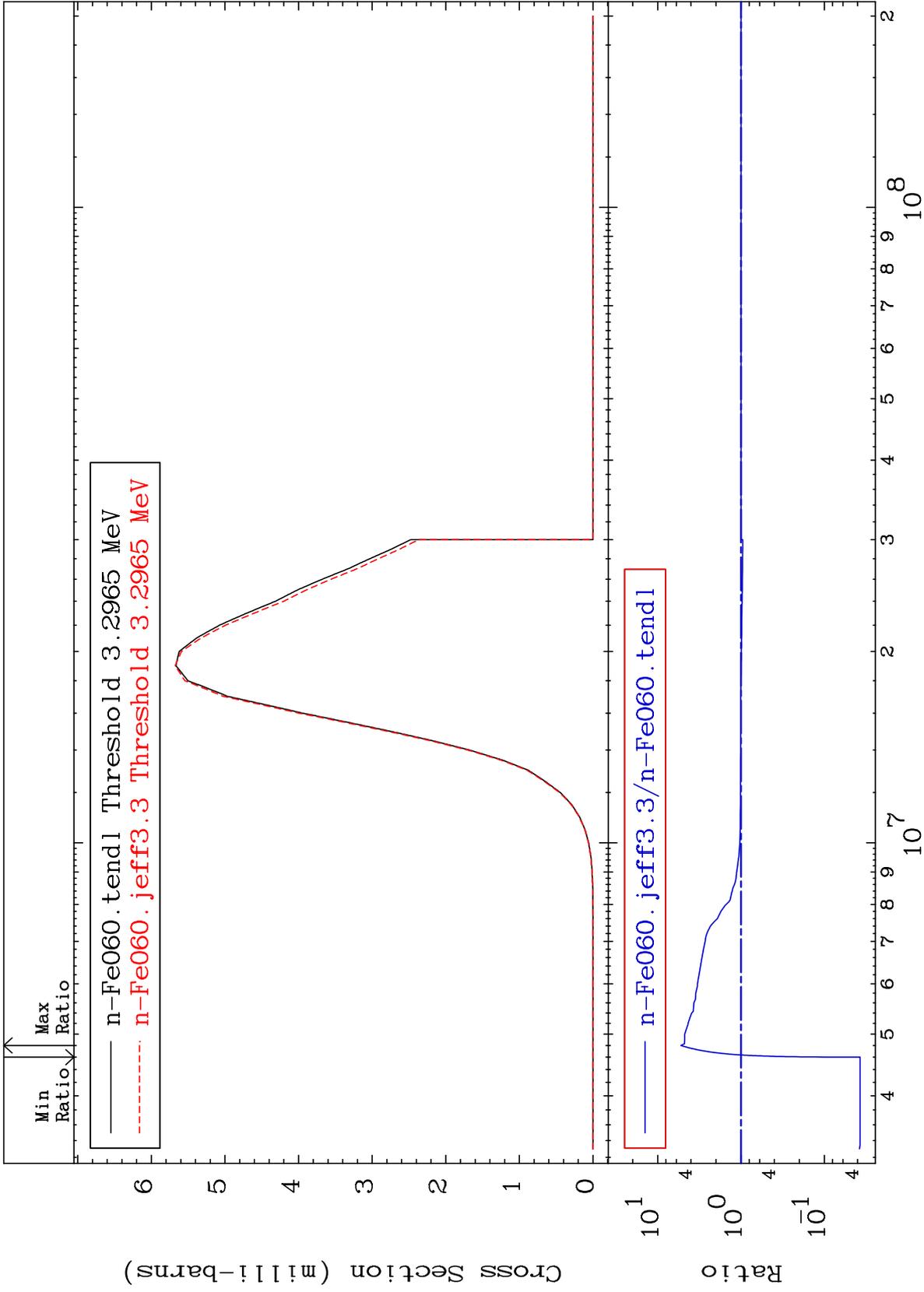
MAT 2643

(n, α)

²⁶Fe-60

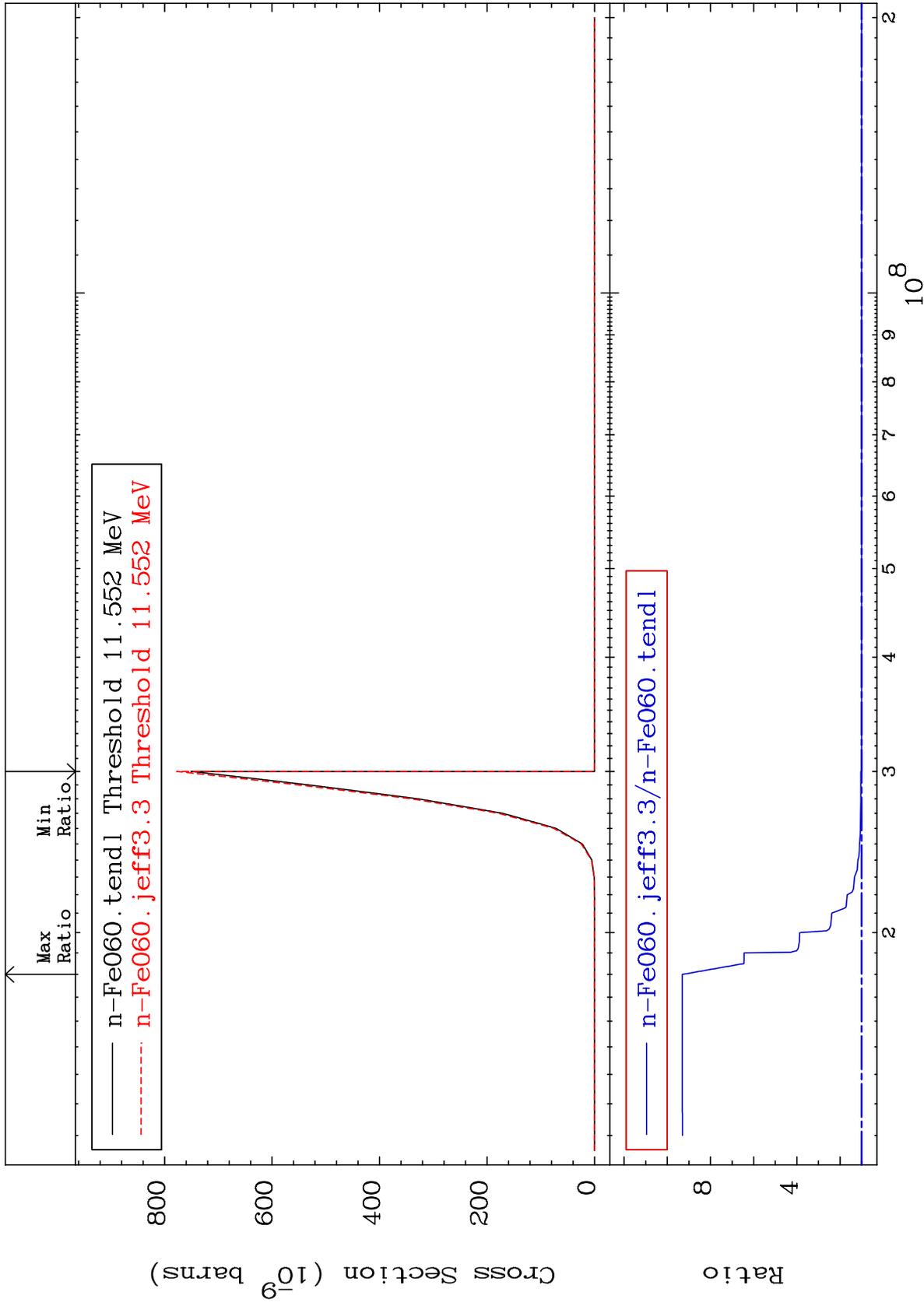
Cross Section

-96.26 To 430.1 %



MAT 2643

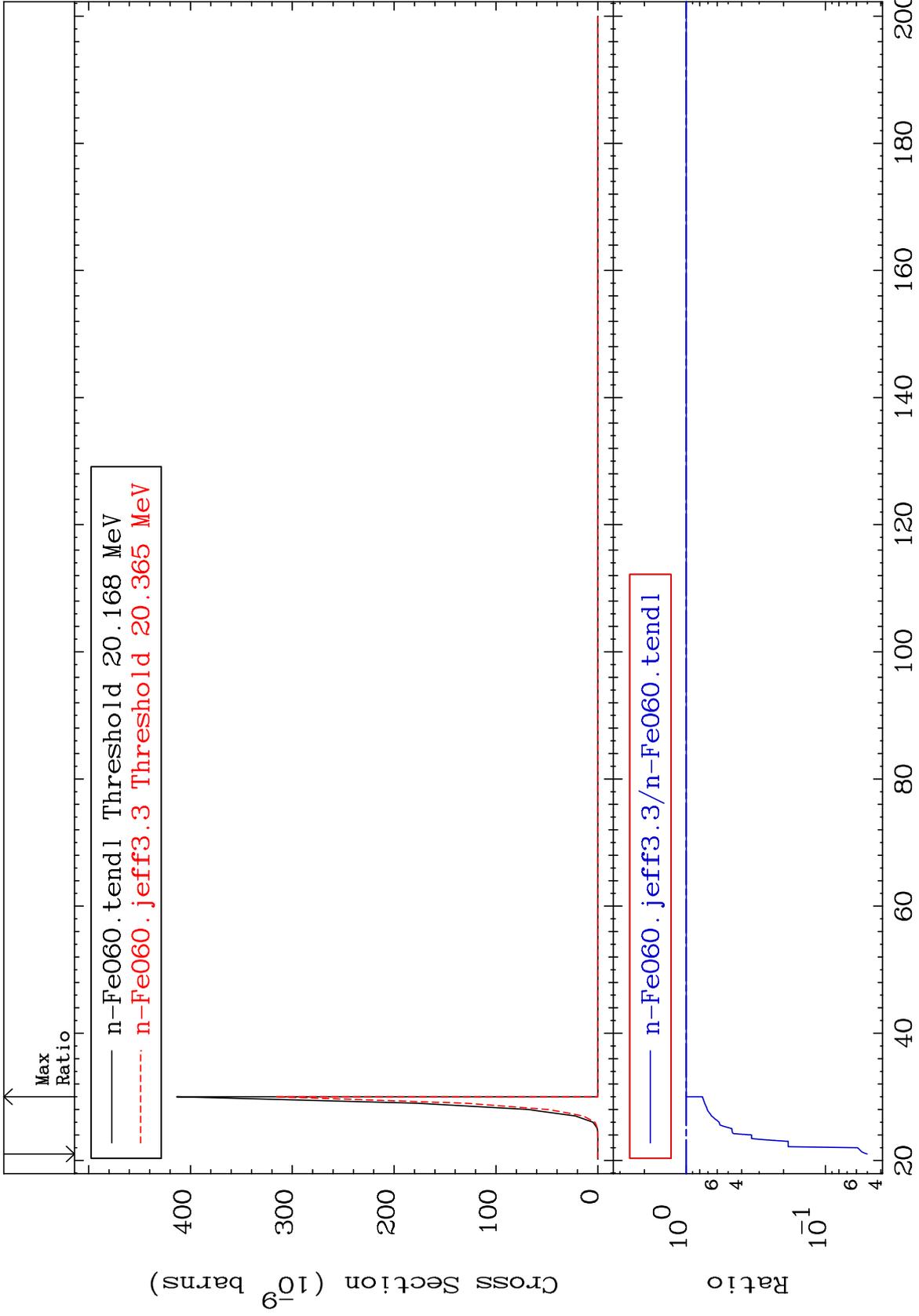
(n,2α) Cross Section
26-Fe-60 To 830.4 %
0.000



MAT 2643

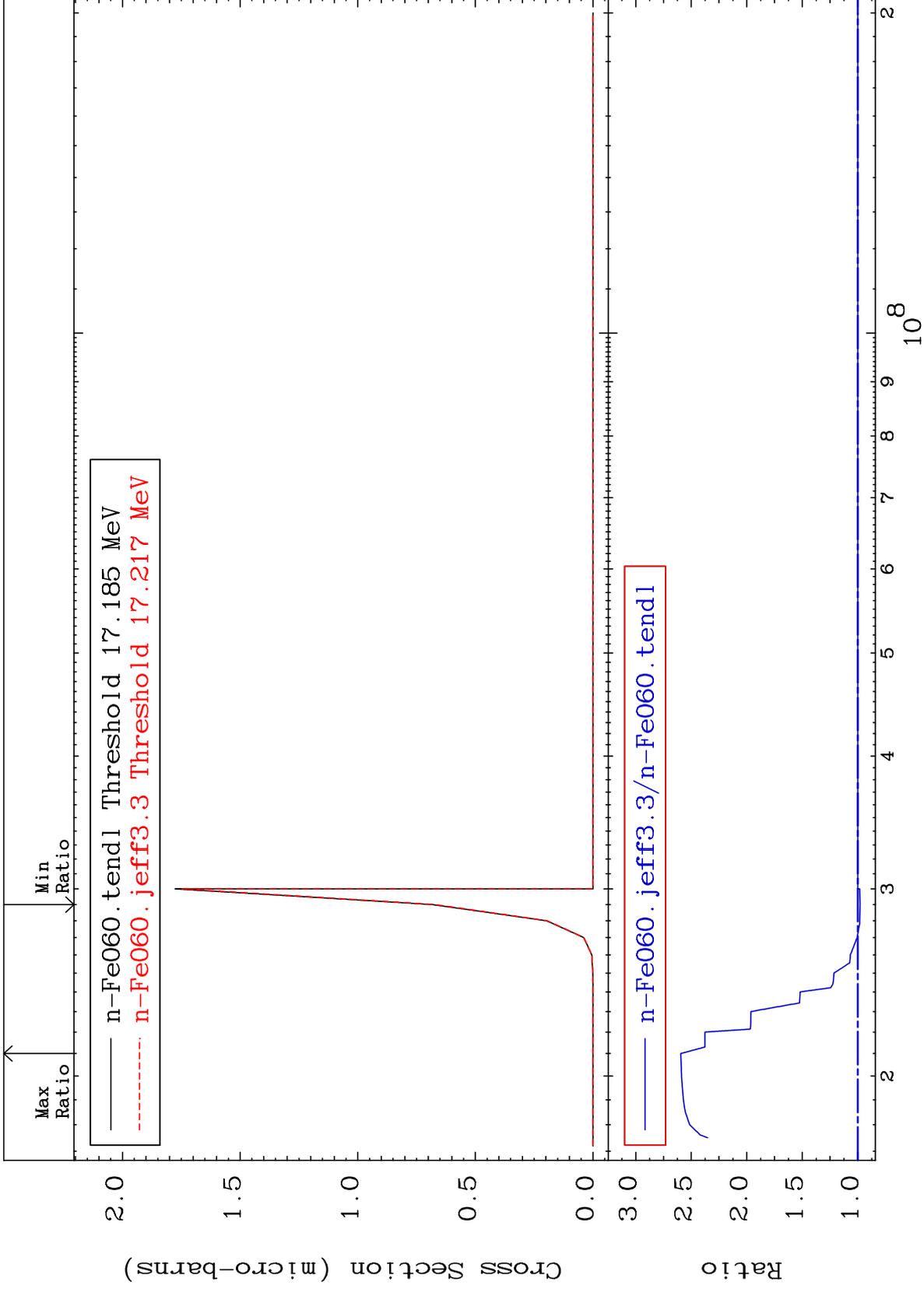
(n,2p)
Cross Section

²⁶Fe-60
-94.98 To 0.000 %



Cross Section

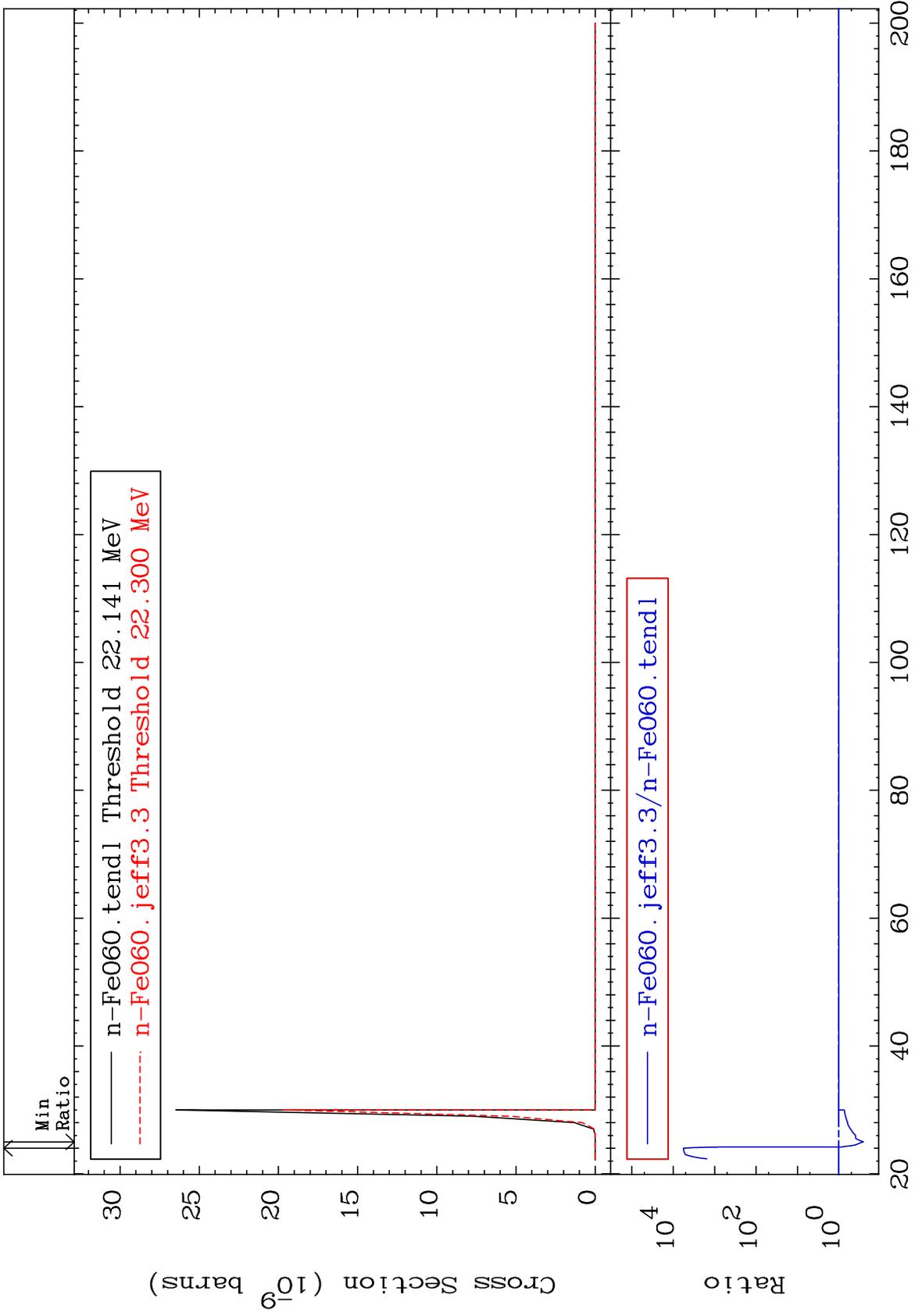
-1.999 To 159.5 %



MAT 2643

(n,p) d
Cross Section

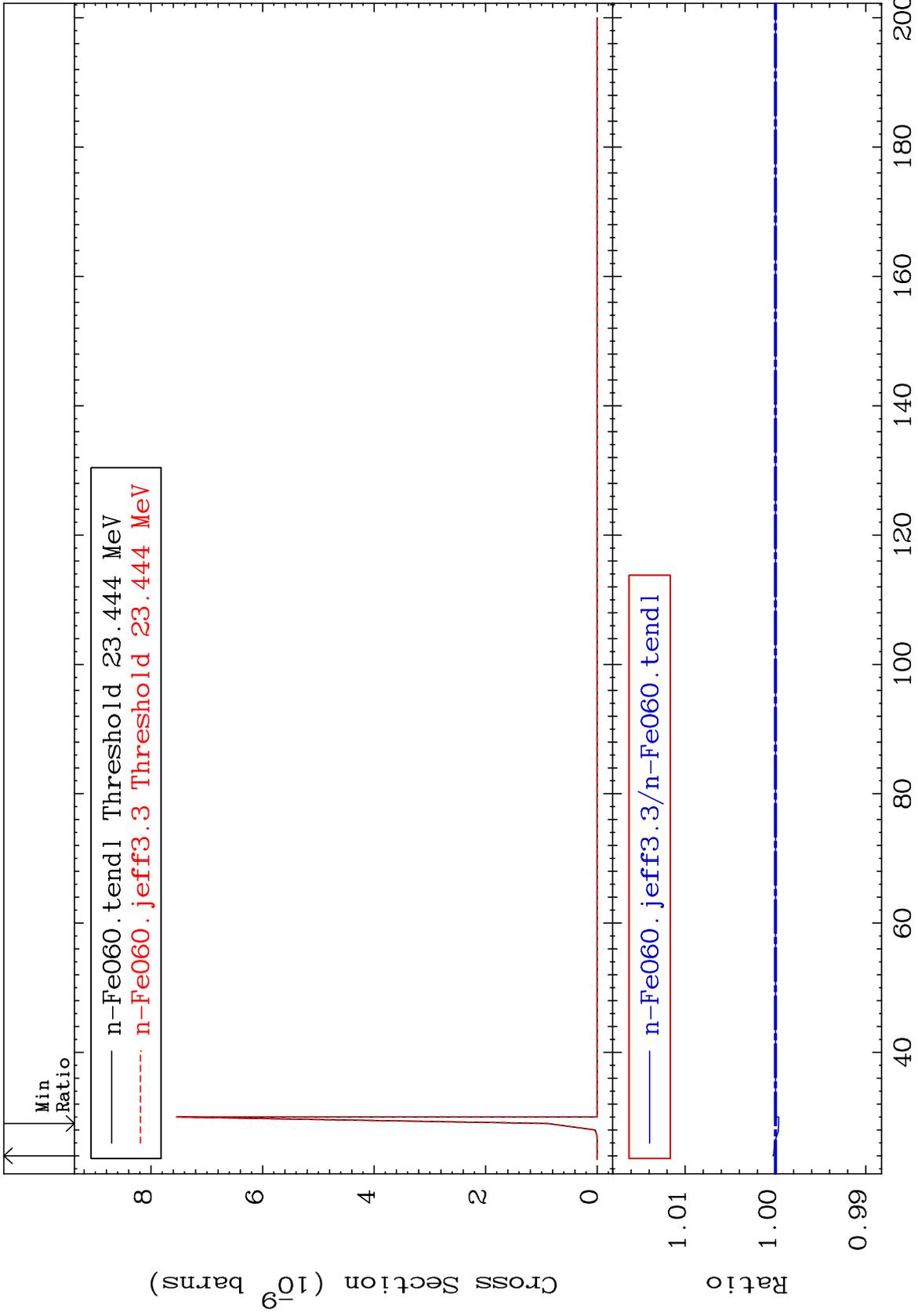
²⁶Fe-60
-74.32 To 9999. %



MAT 2643

(n, p) t
Cross Section

²⁶Fe-60
-0.035 To 0.027 %



58

Incident Energy (MeV)

²⁶Fe-60

MAT 2643

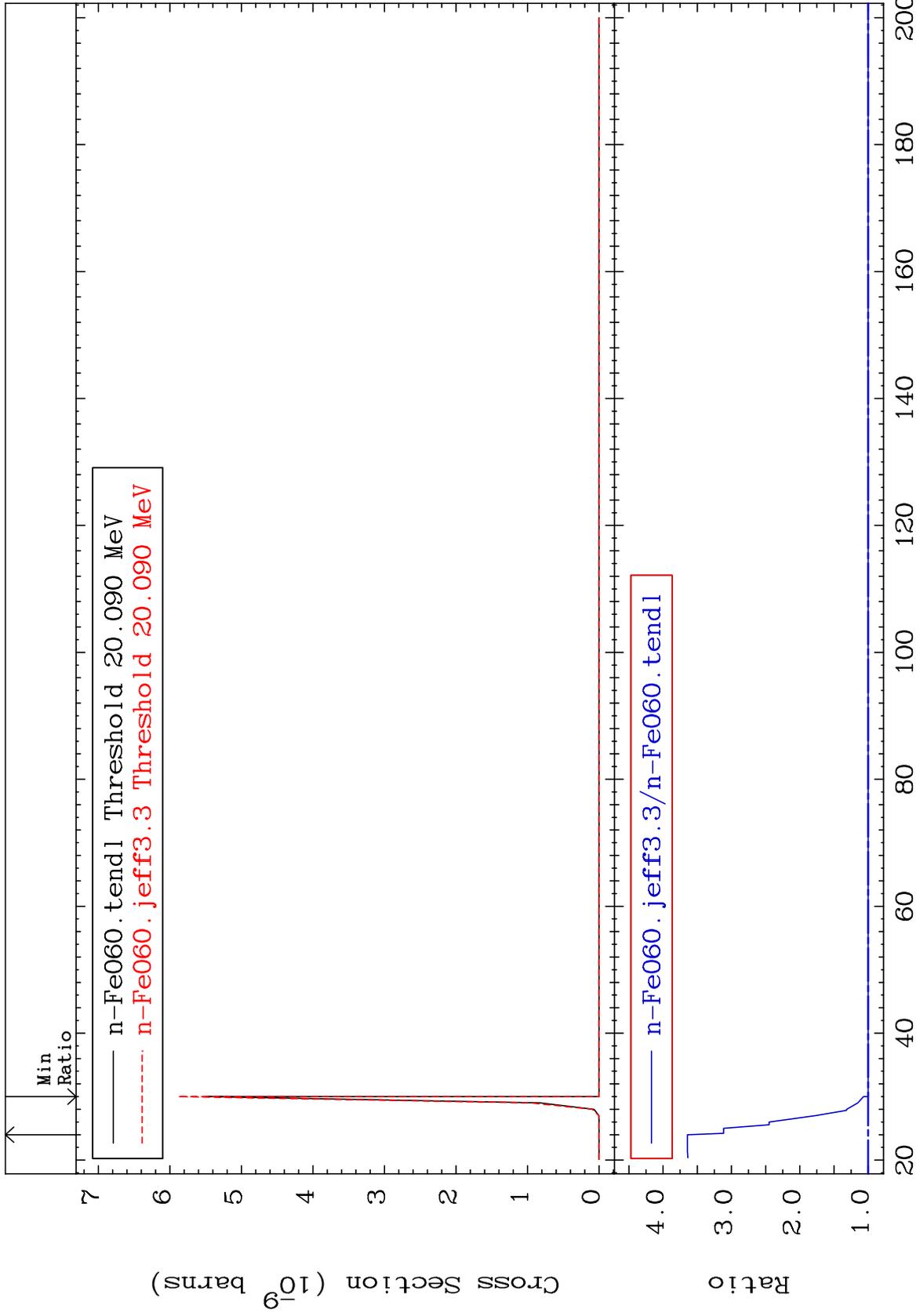
(n, d) α

²⁶Fe-60

Cross Section

0.000

To 264.3 %



59

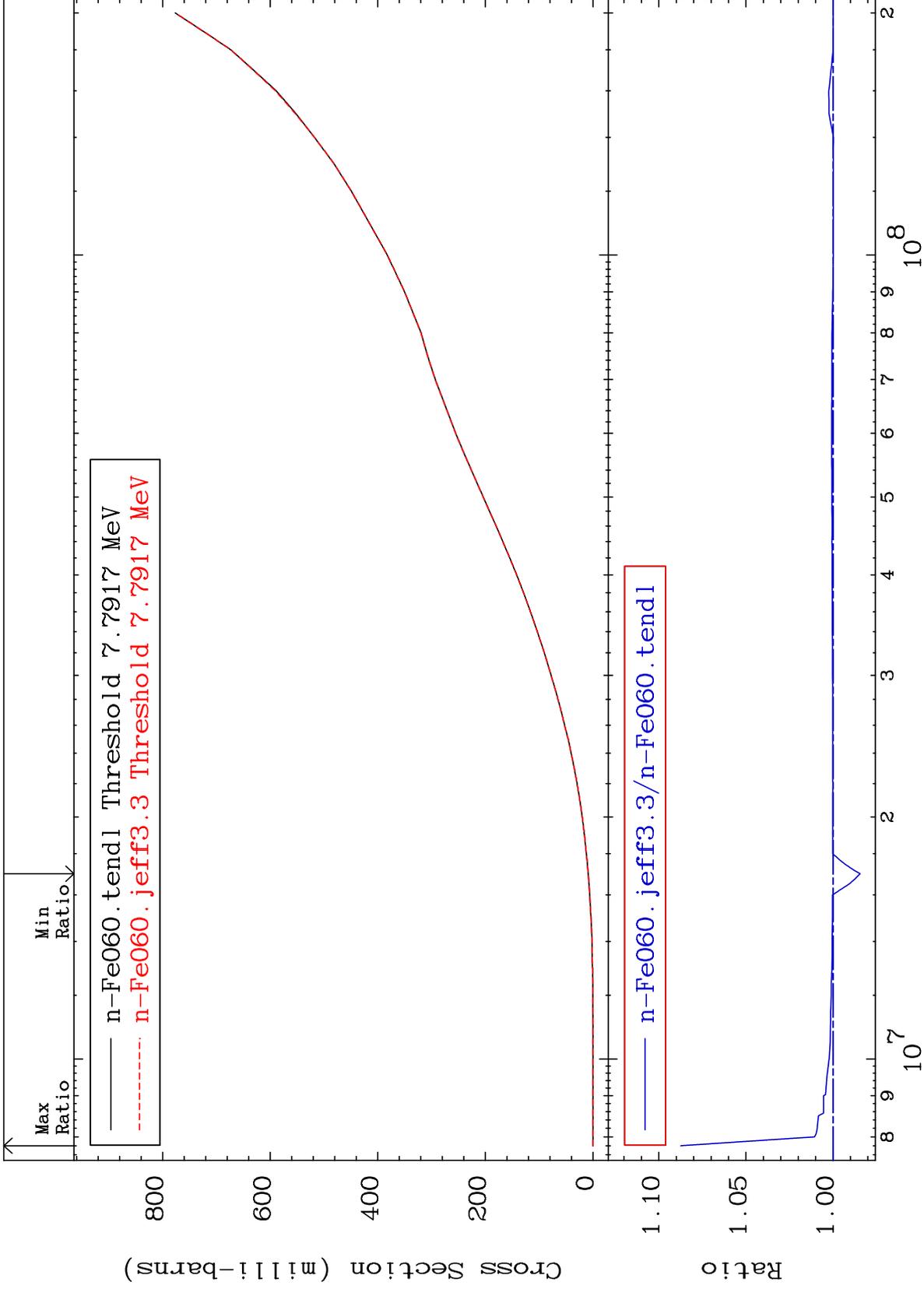
Incident Energy (MeV)

²⁶Fe-60

MAT 2643

Hydrogen Production
Cross Section

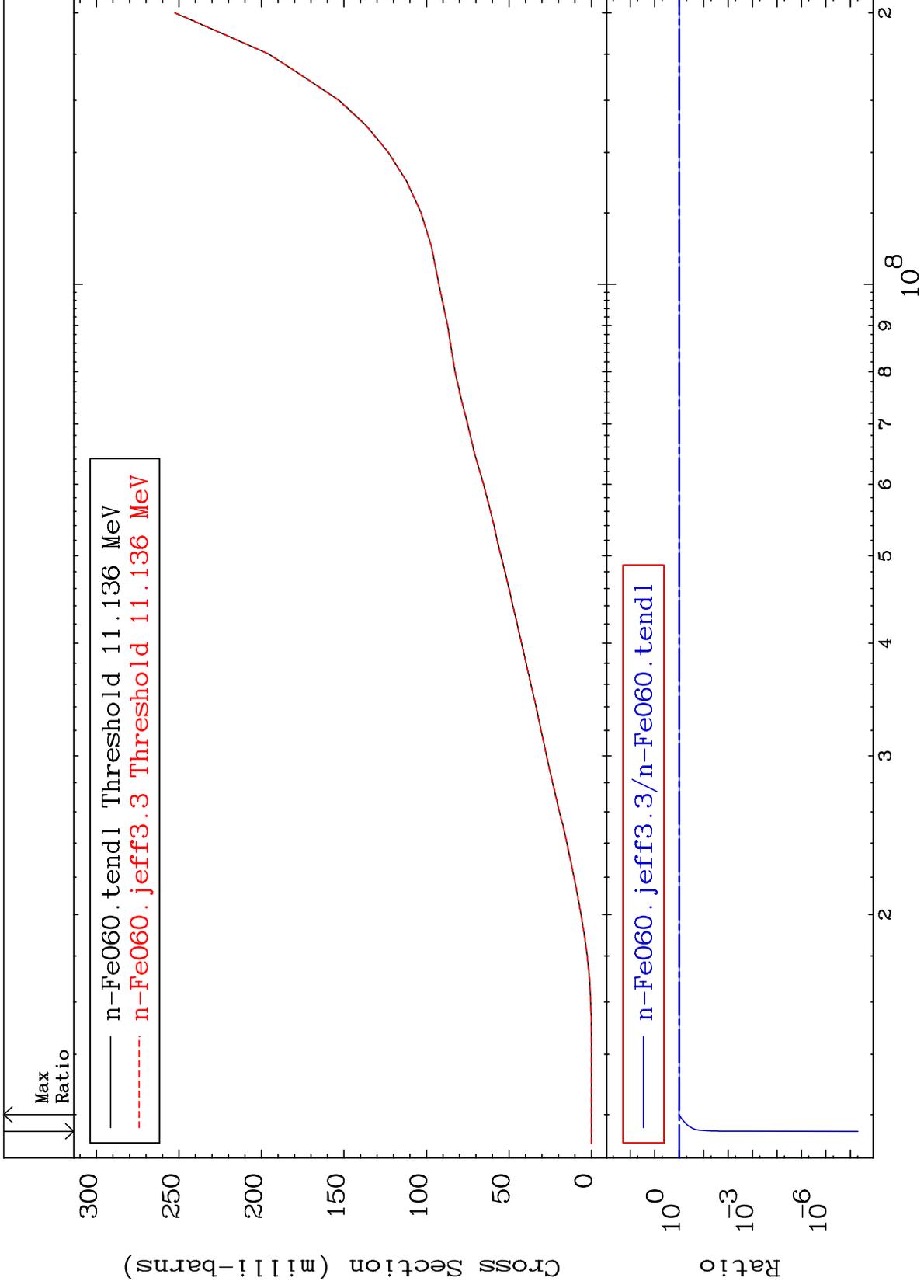
²⁶Fe-60
-1.552 To 8.742 %



MAT 2643

Deuterium Production
Cross Section

²⁶Fe-60
-100.0 To 1.225 %



61

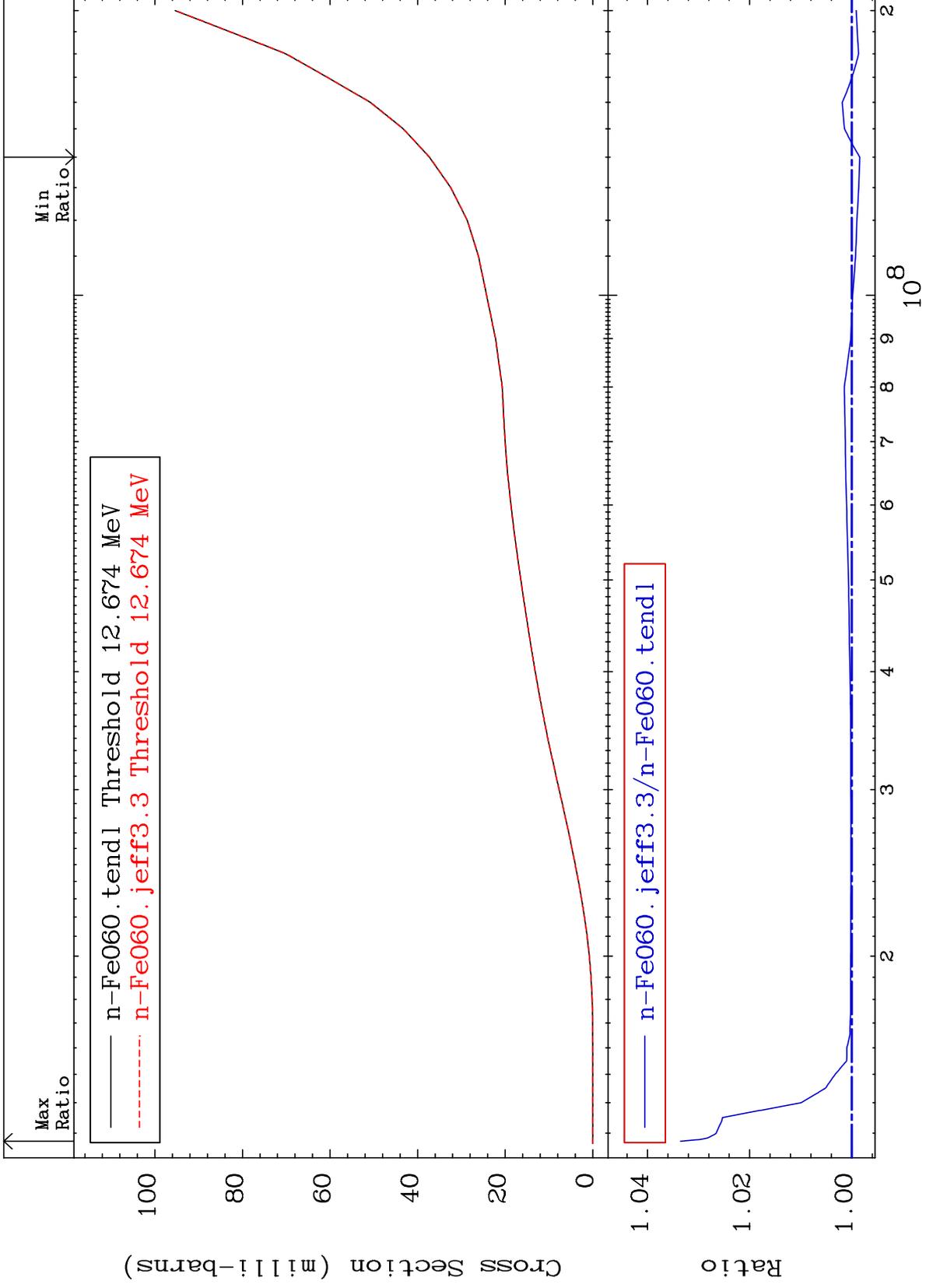
Incident Energy (eV)

²⁶Fe-60

MAT 2643

Tritium Production
Cross Section

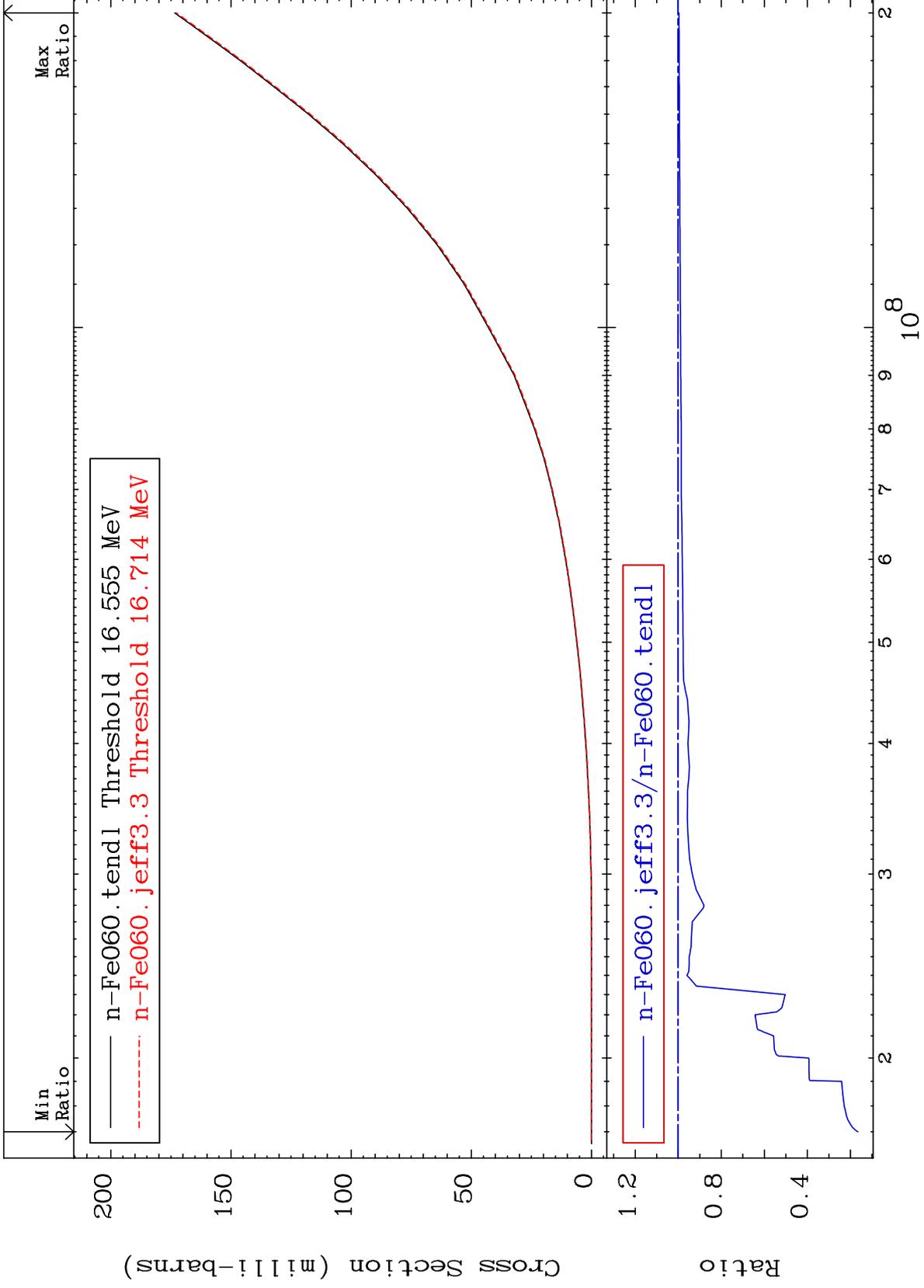
²⁶-Fe-60
-0.156 To 3.353 %



MAT 2643

He-3 Production
Cross Section

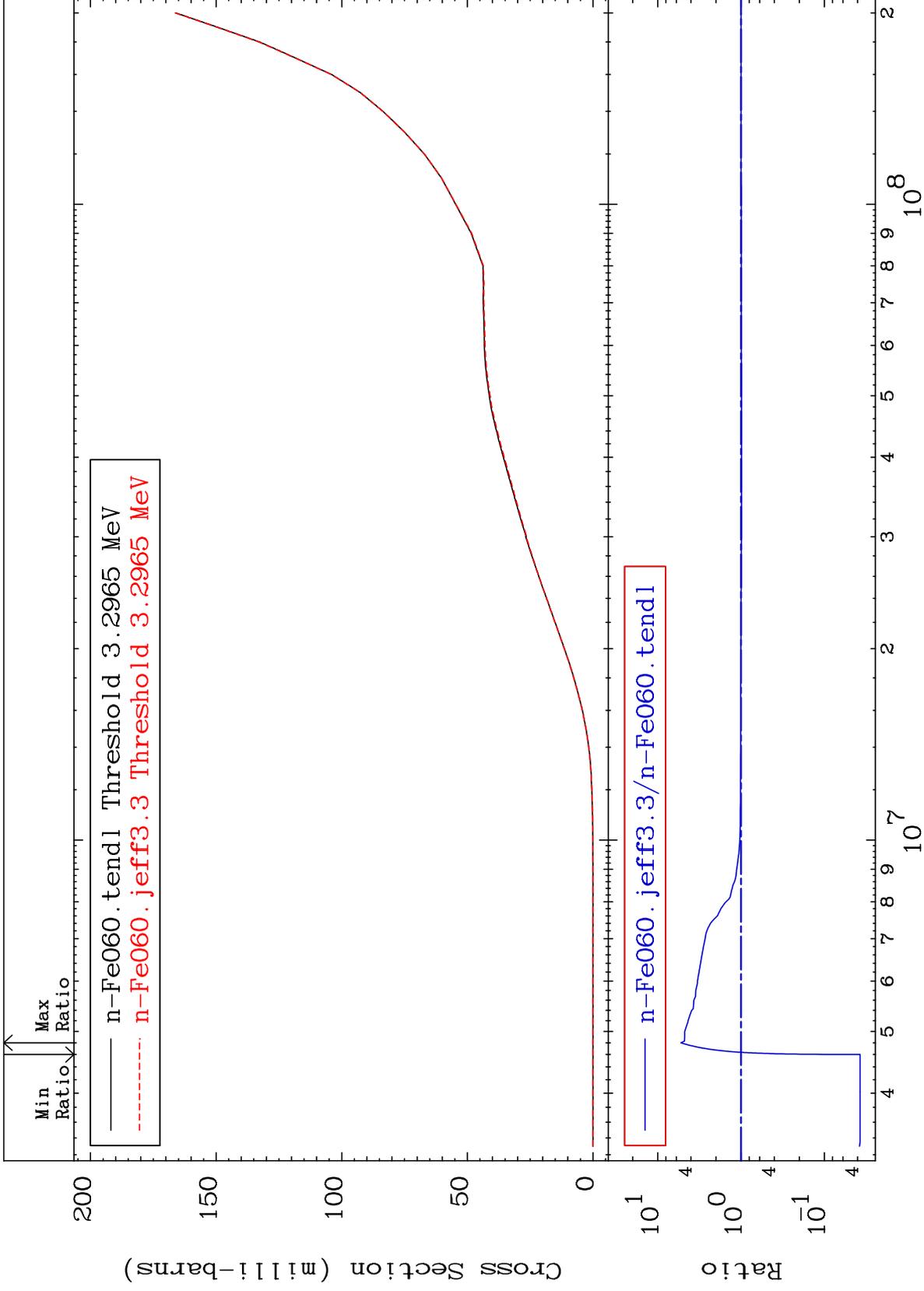
²⁶Fe-60
-83.50 To -0.389%



MAT 2643

He-4 Production
Cross Section

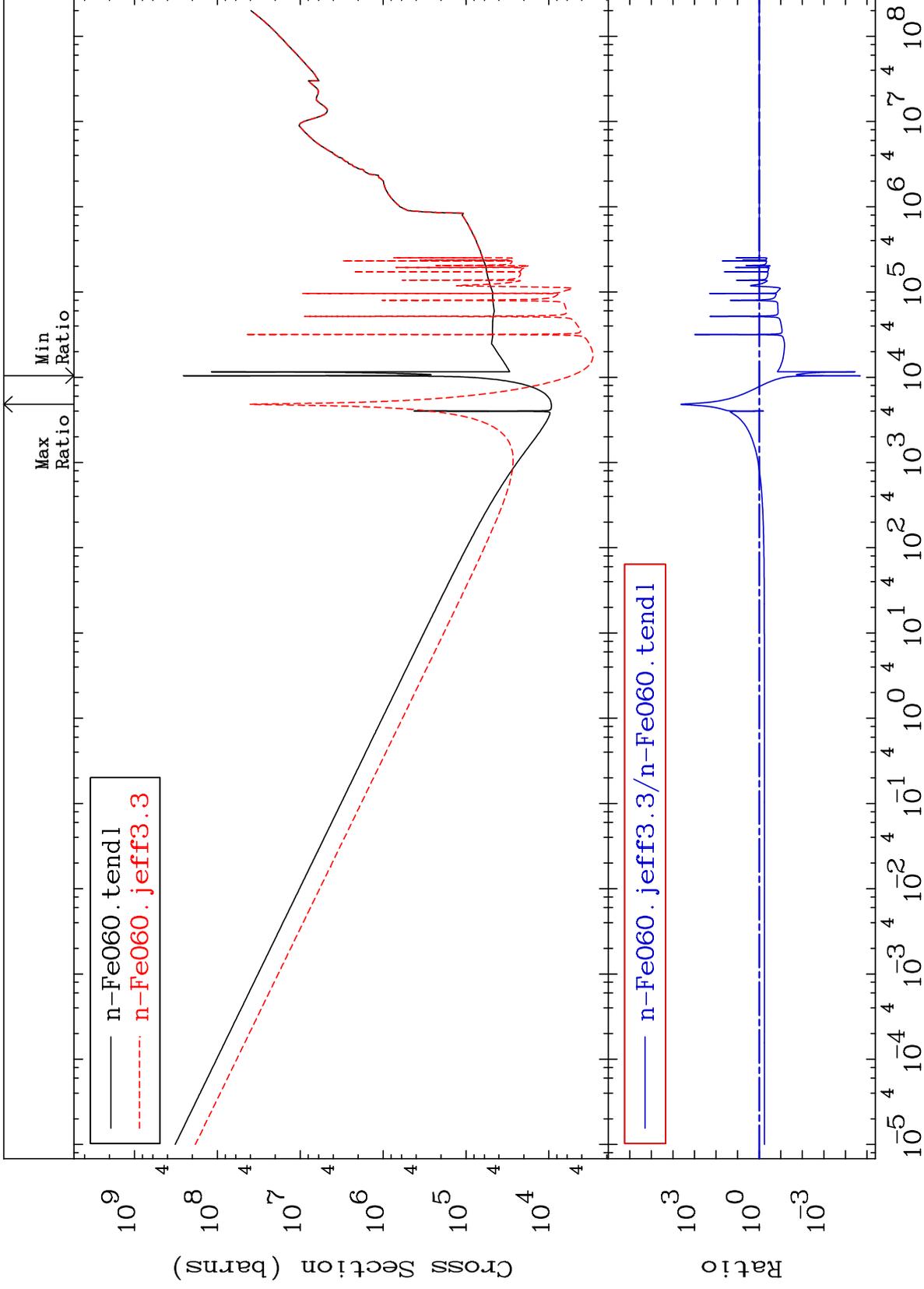
²⁶Fe-60
-96.26 To 430.1 %



64

Incident Energy (eV)

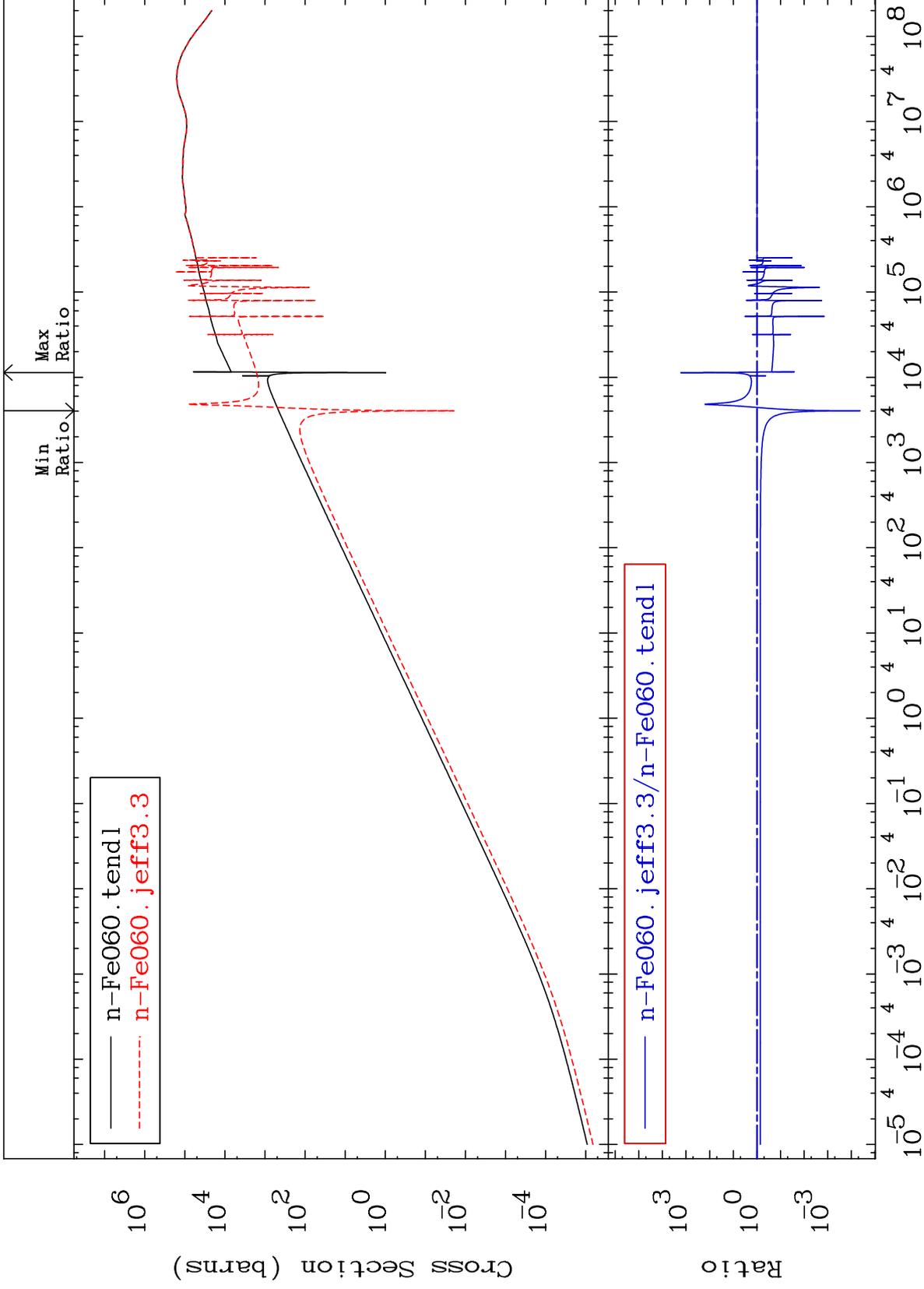
²⁶Fe-60



MAT 2643

Kerma elastic
Cross Section

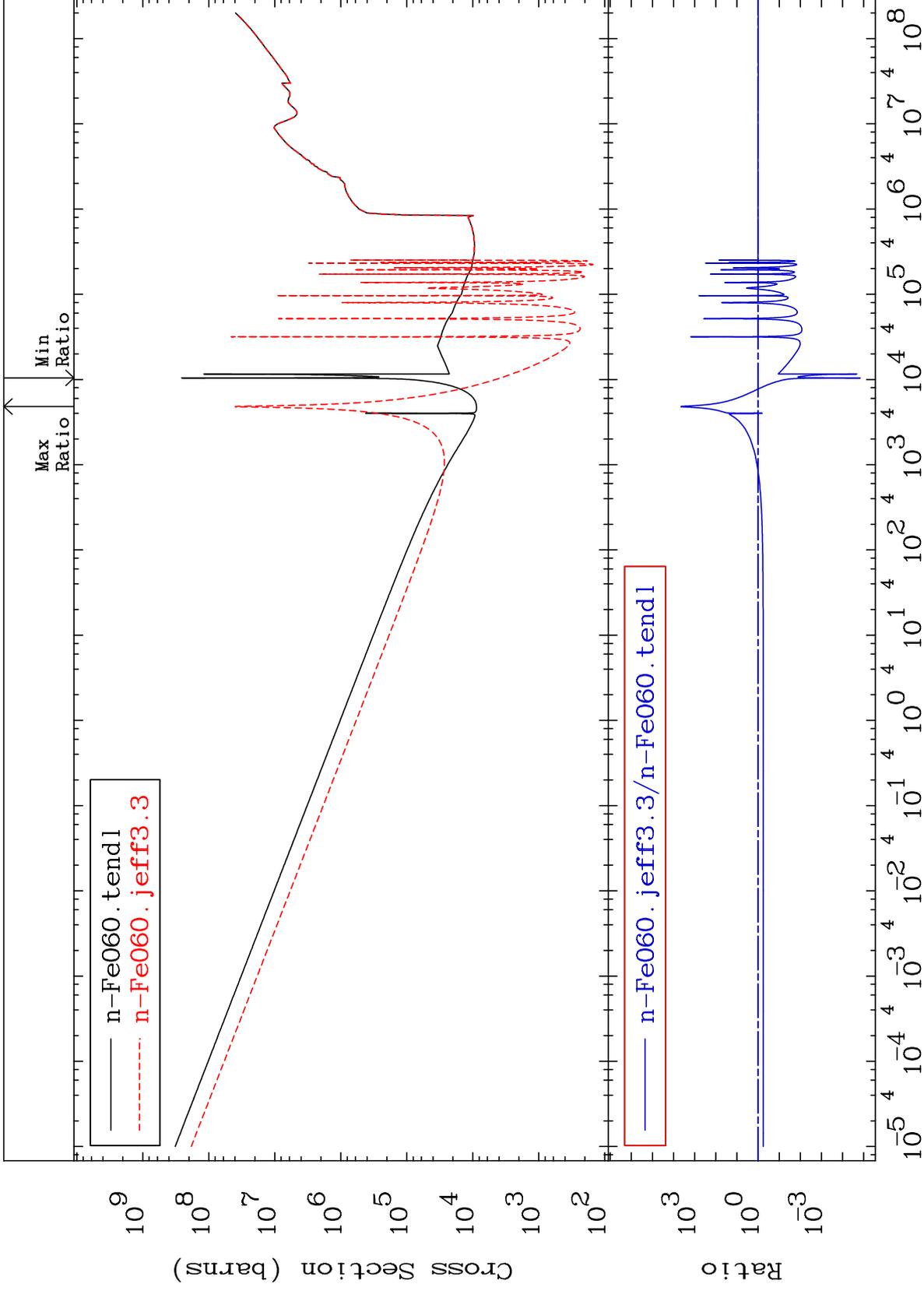
26-Fe-60
-100.0 To 9999. %



MAT 2643

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-60
-100.0 To 9999. %

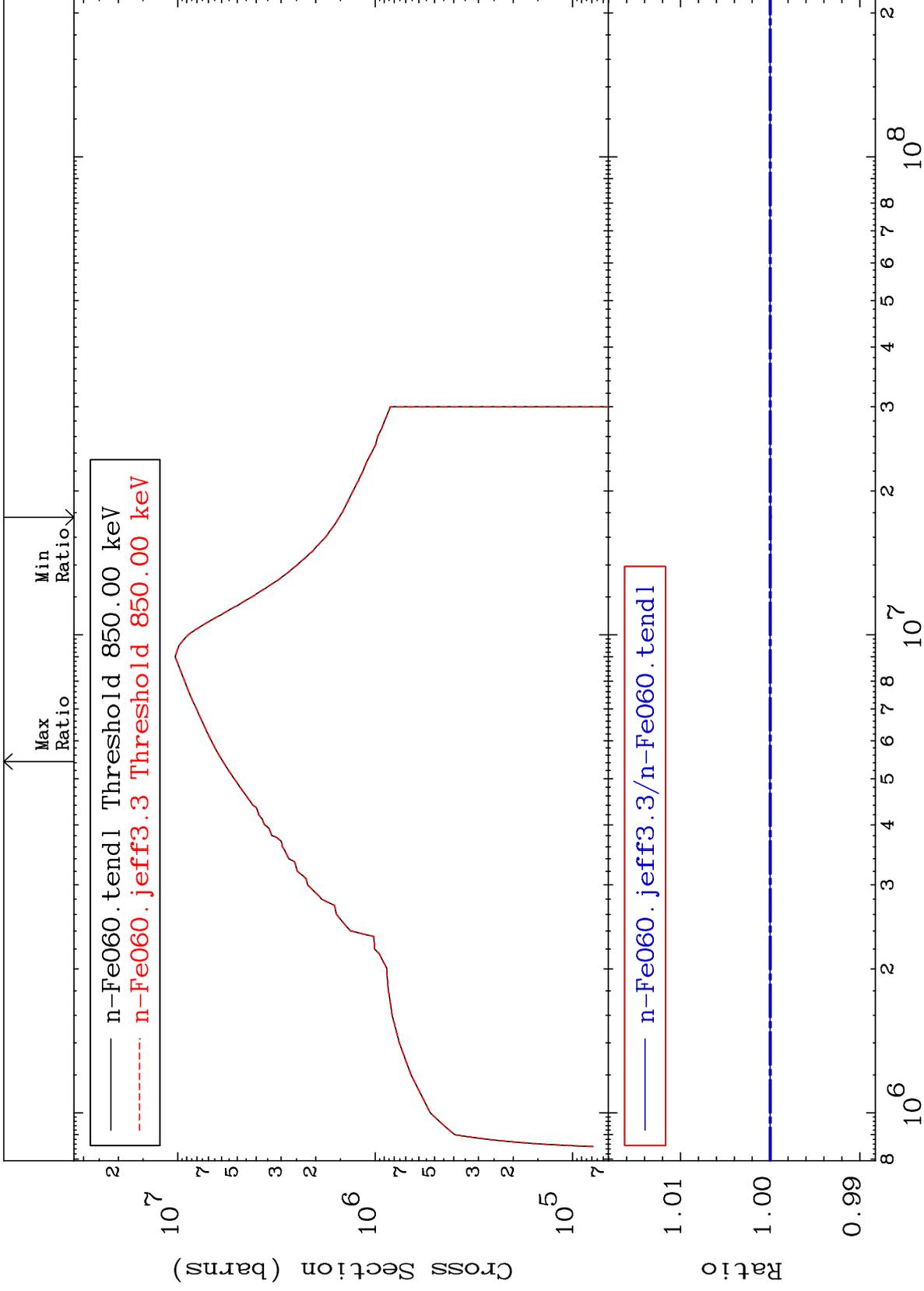


MAT 2643

Kerma inelastic (mt51-91)
Cross Section

²⁶Fe-60

-0.010 To 0.004 %



68

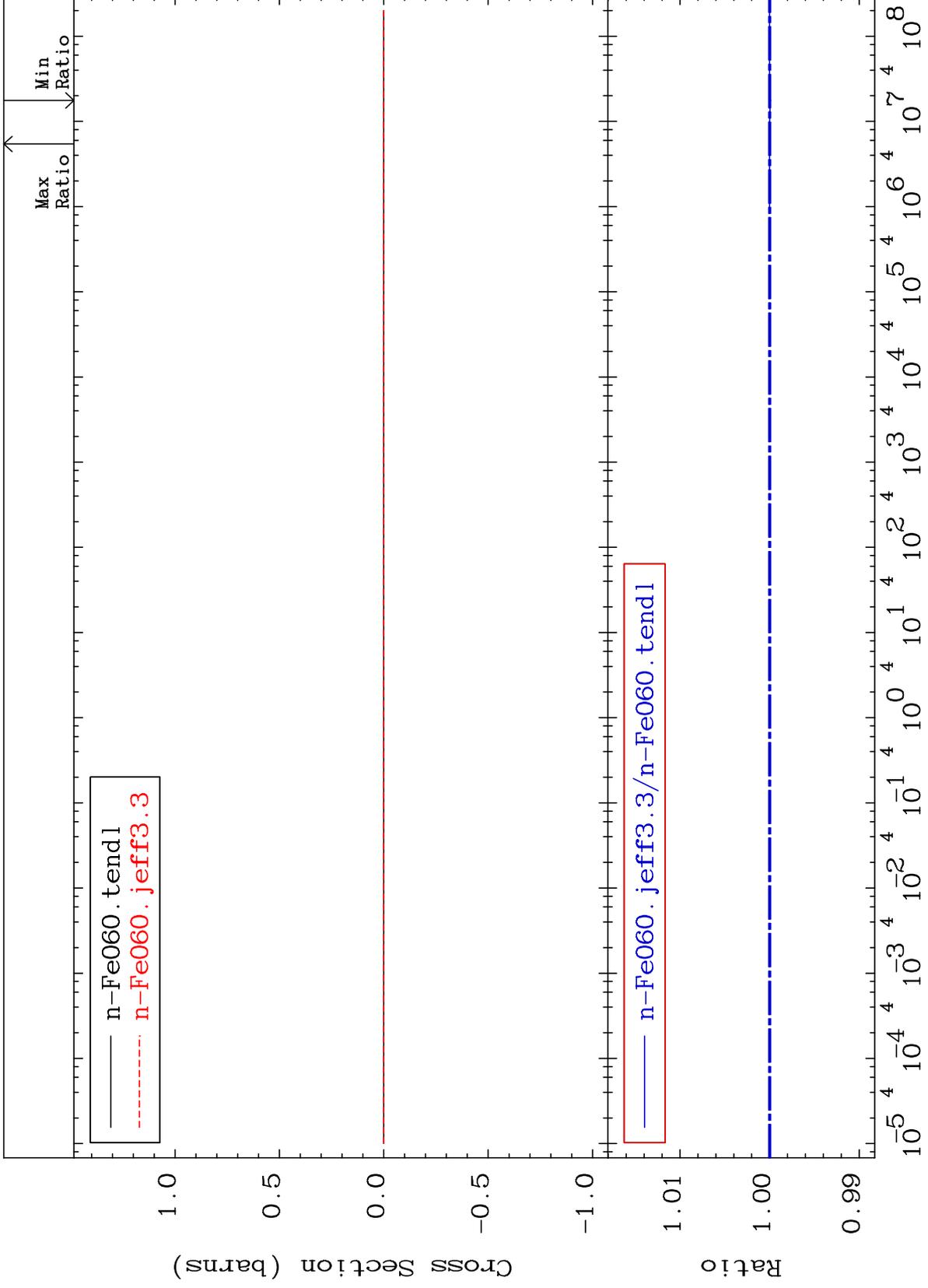
Incident Energy (eV)

²⁶Fe-60

MAT 2643

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

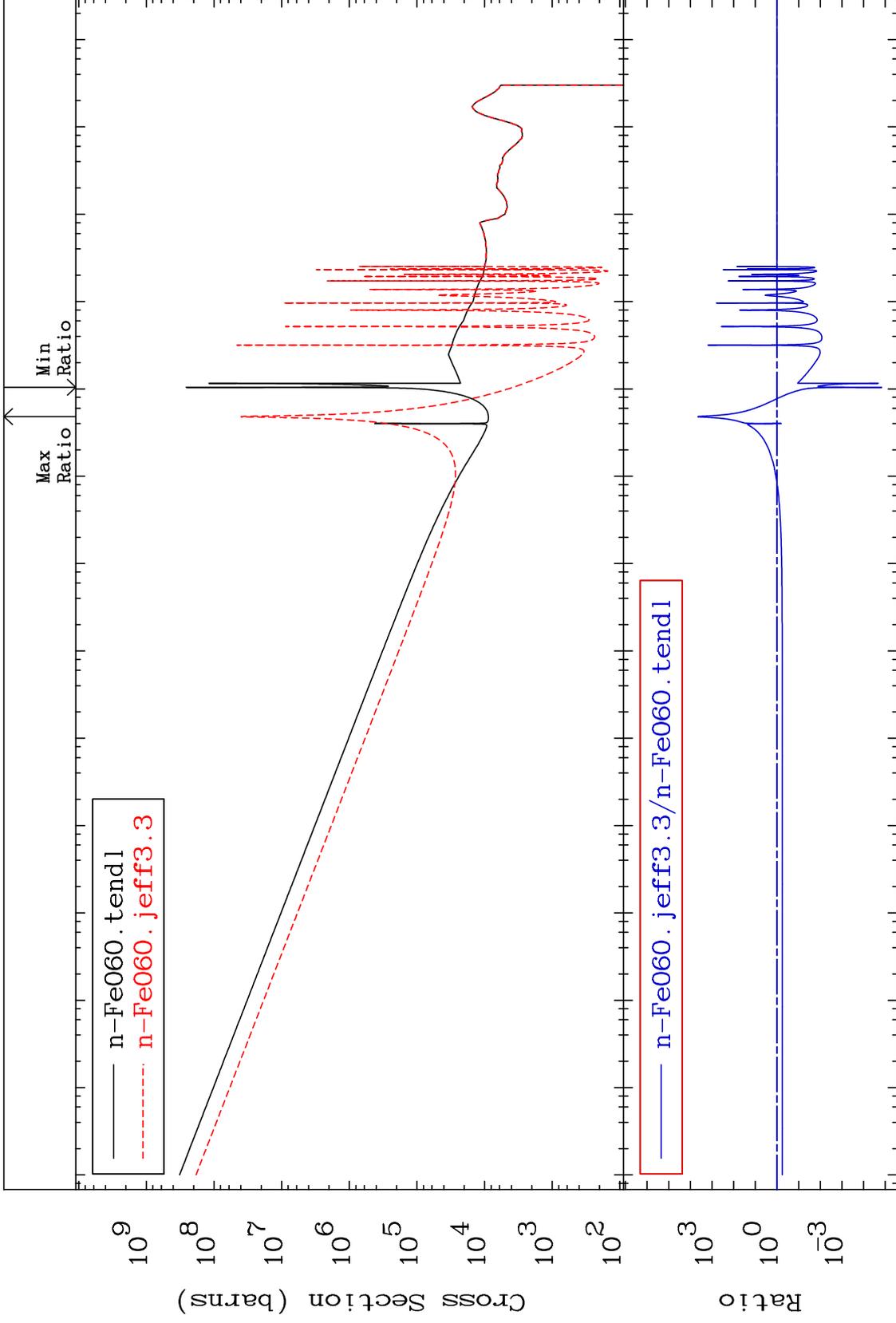
26-Fe-60
-0.010 To 0.004 %



MAT 2643

Kerma capture (mt102)
Cross Section

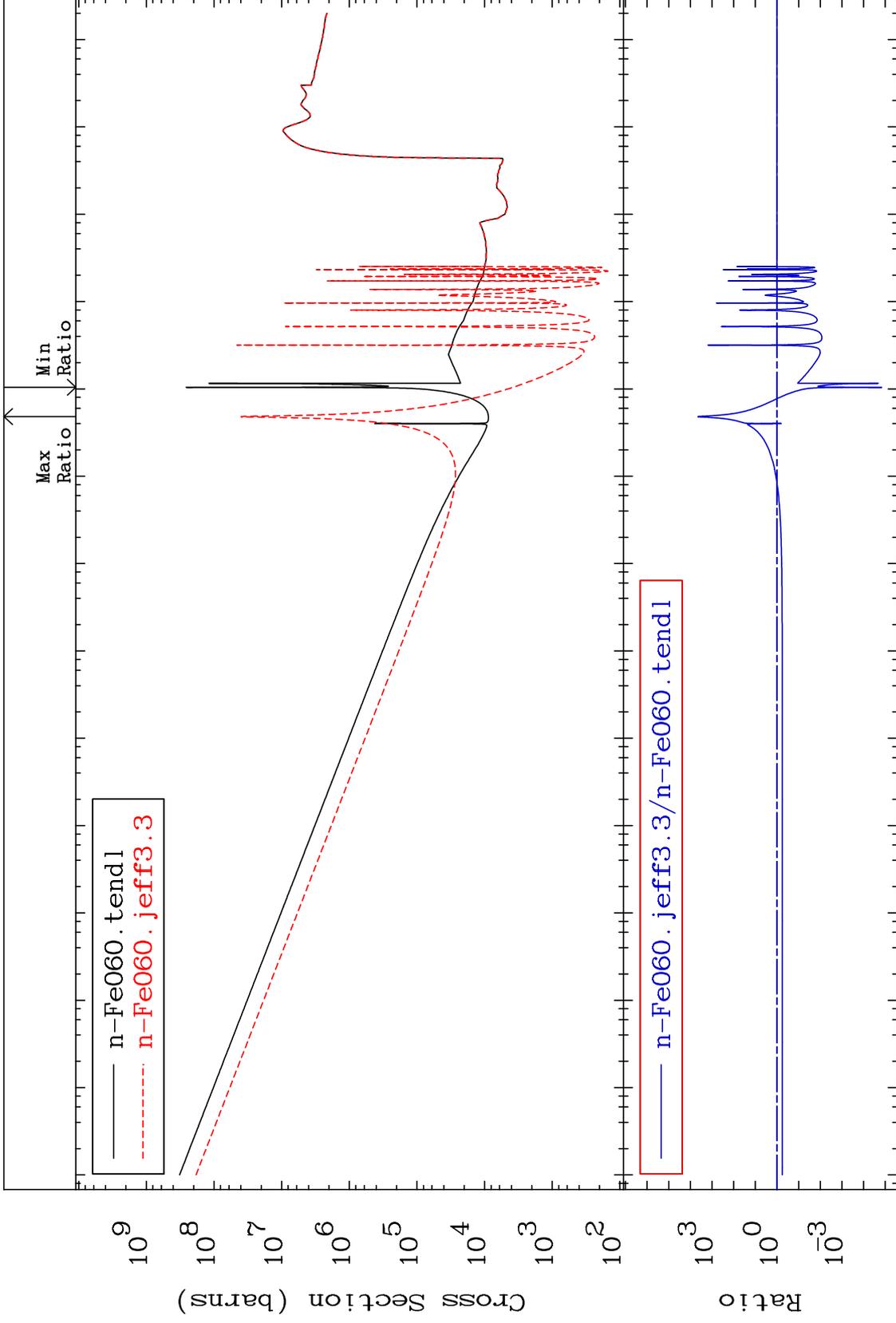
26-Fe-60
-100.0 To 9999. %

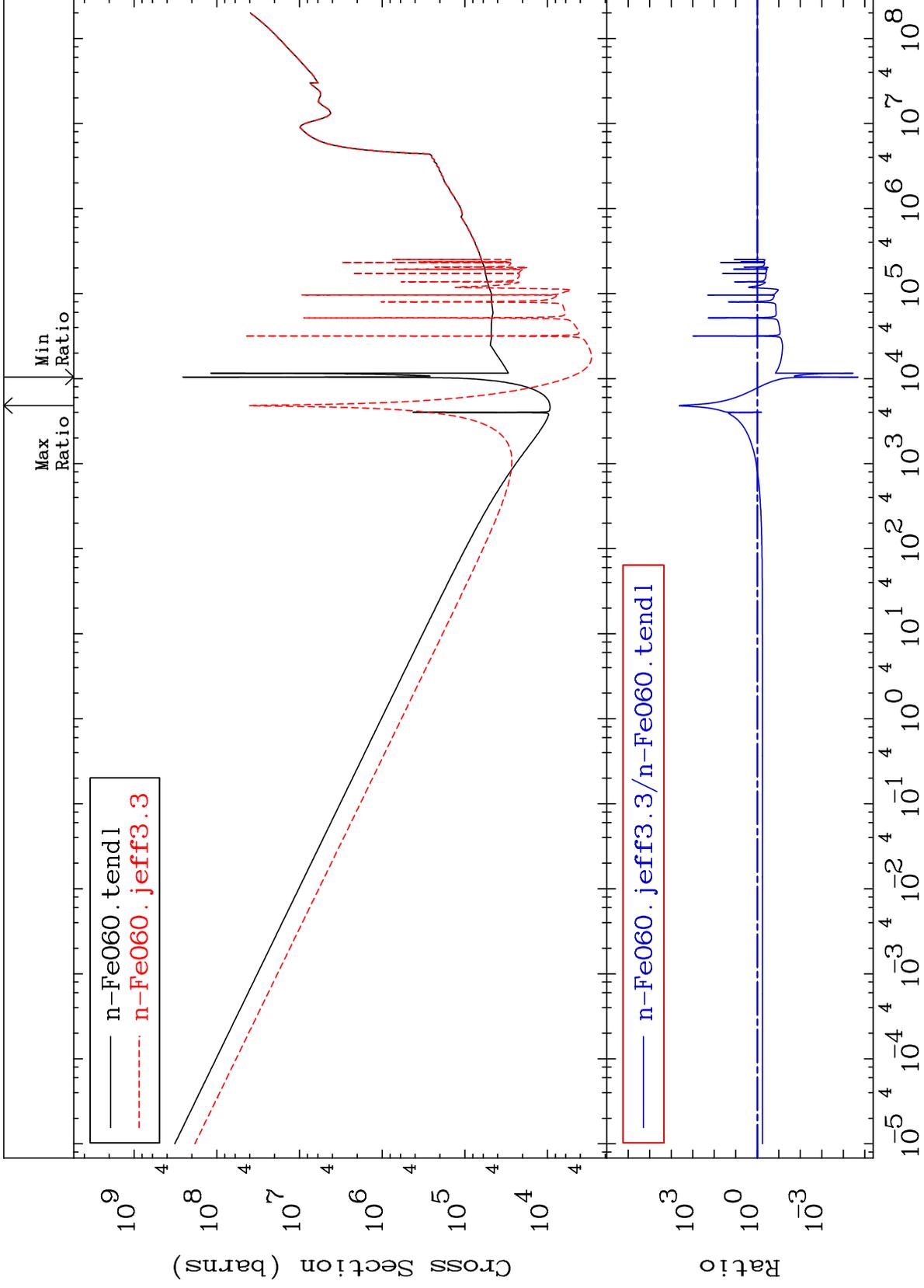


70

Incident Energy (eV)

26-Fe-60

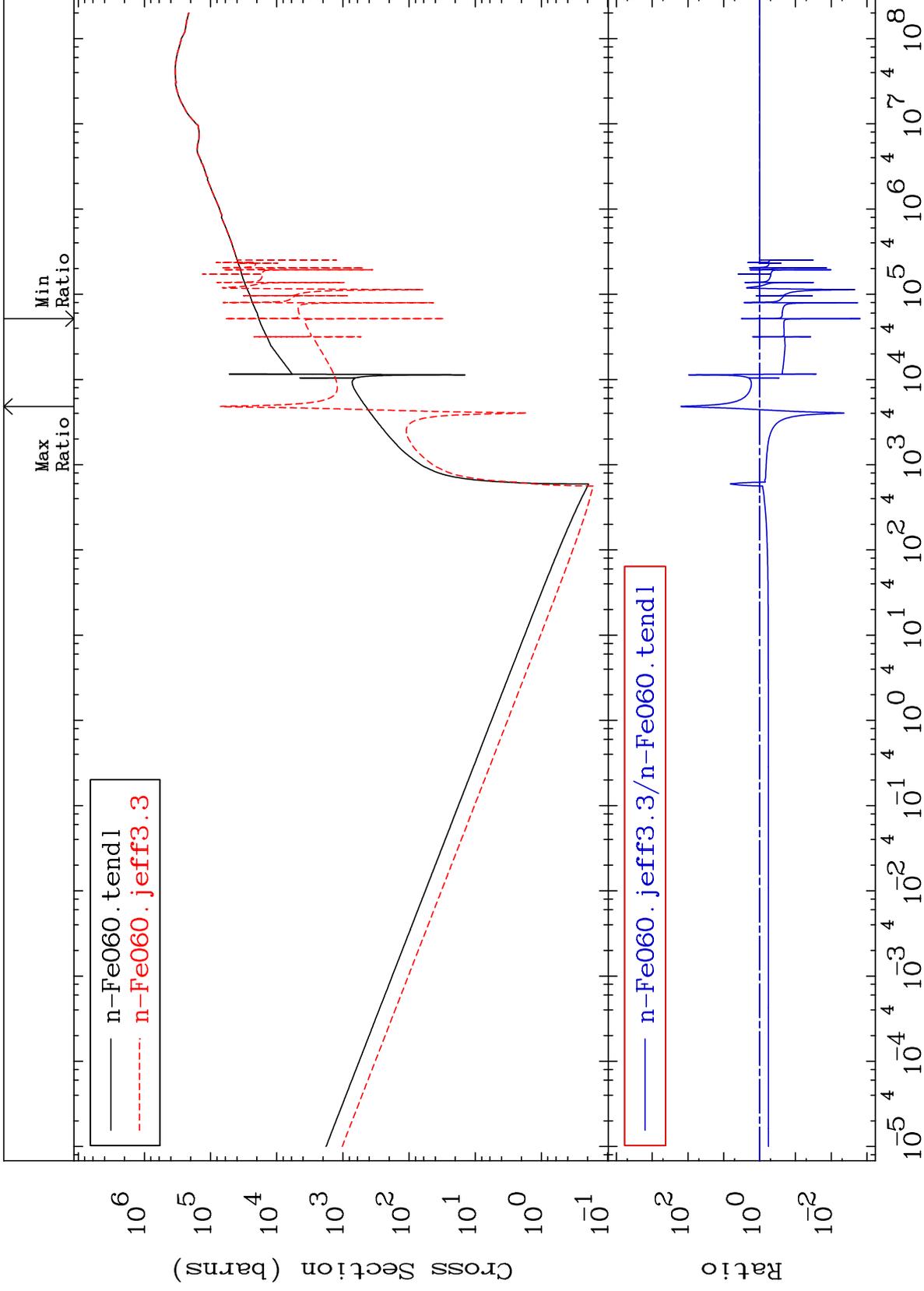




MAT 2643

Dpa total (eV-barns)
Cross Section

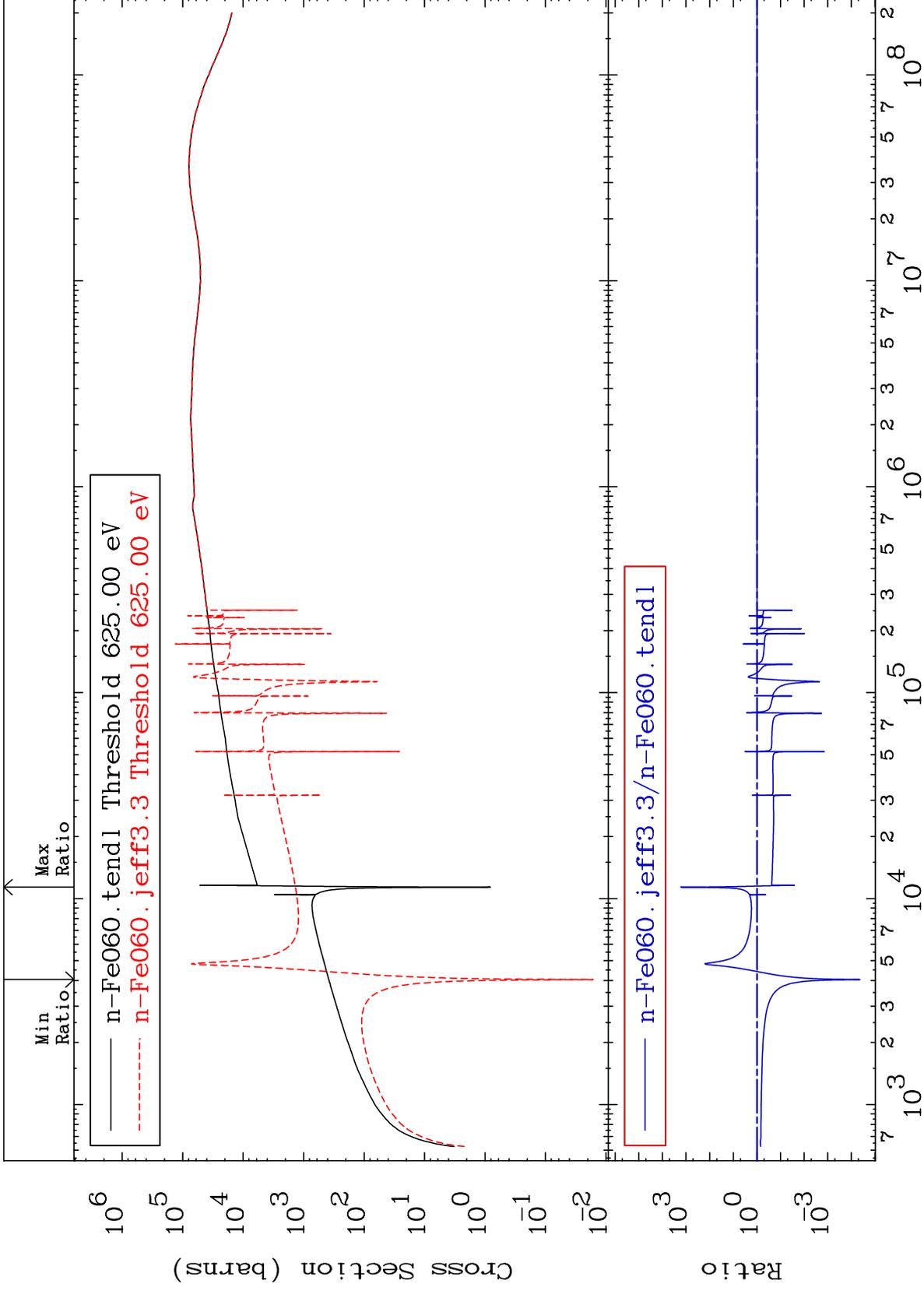
26-Fe-60
-99.84 To 9999. %



73

Incident Energy (eV)

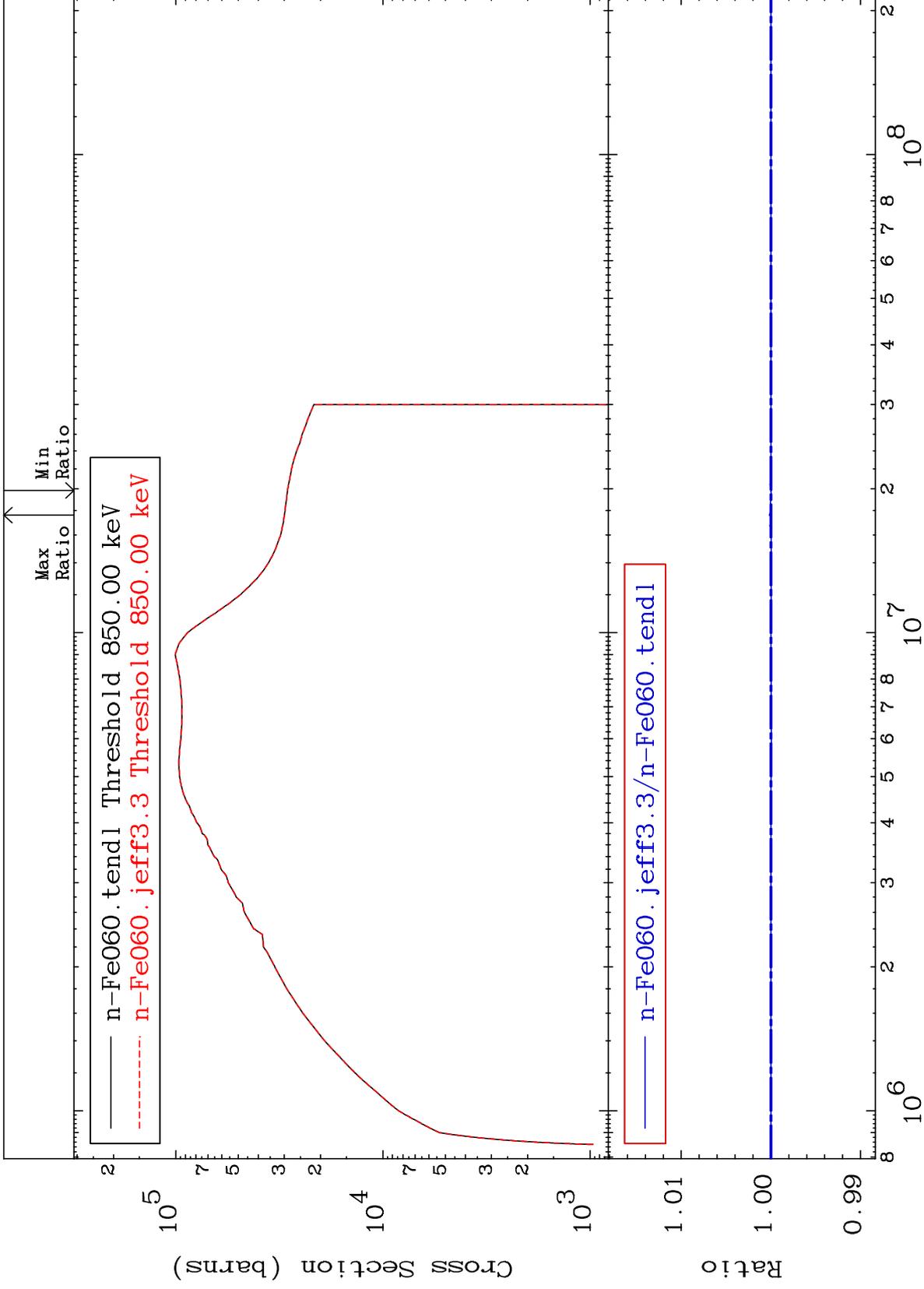
26-Fe-60



MAT 2643

Dpa inelastic (mt51-91)
Cross Section

²⁶-Fe-60
-0.008 To 0.018 %



75

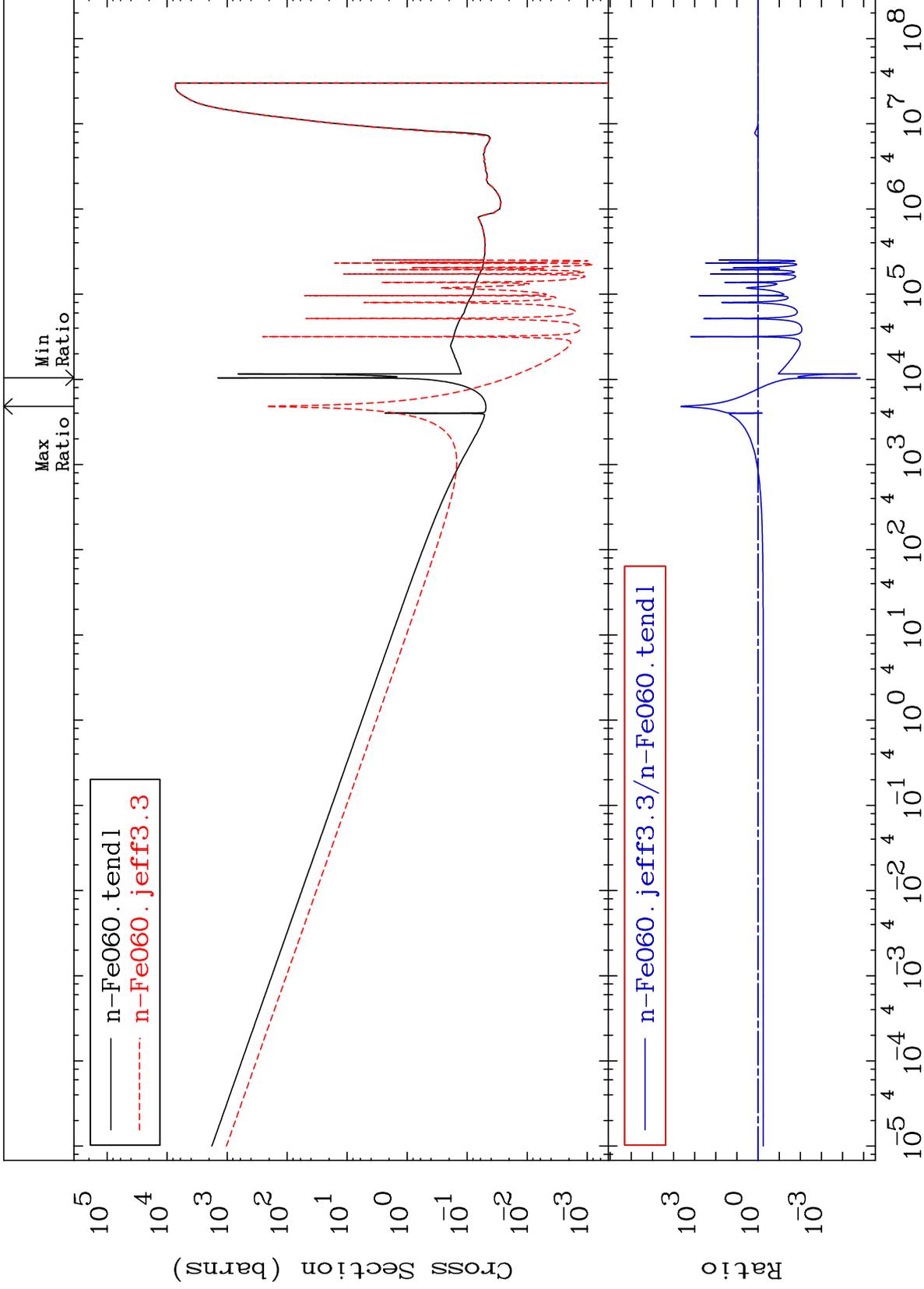
Incident Energy (eV)

²⁶-Fe-60

MAT 2643

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-60
-100.0 To 9999. %



76

Incident Energy (eV)

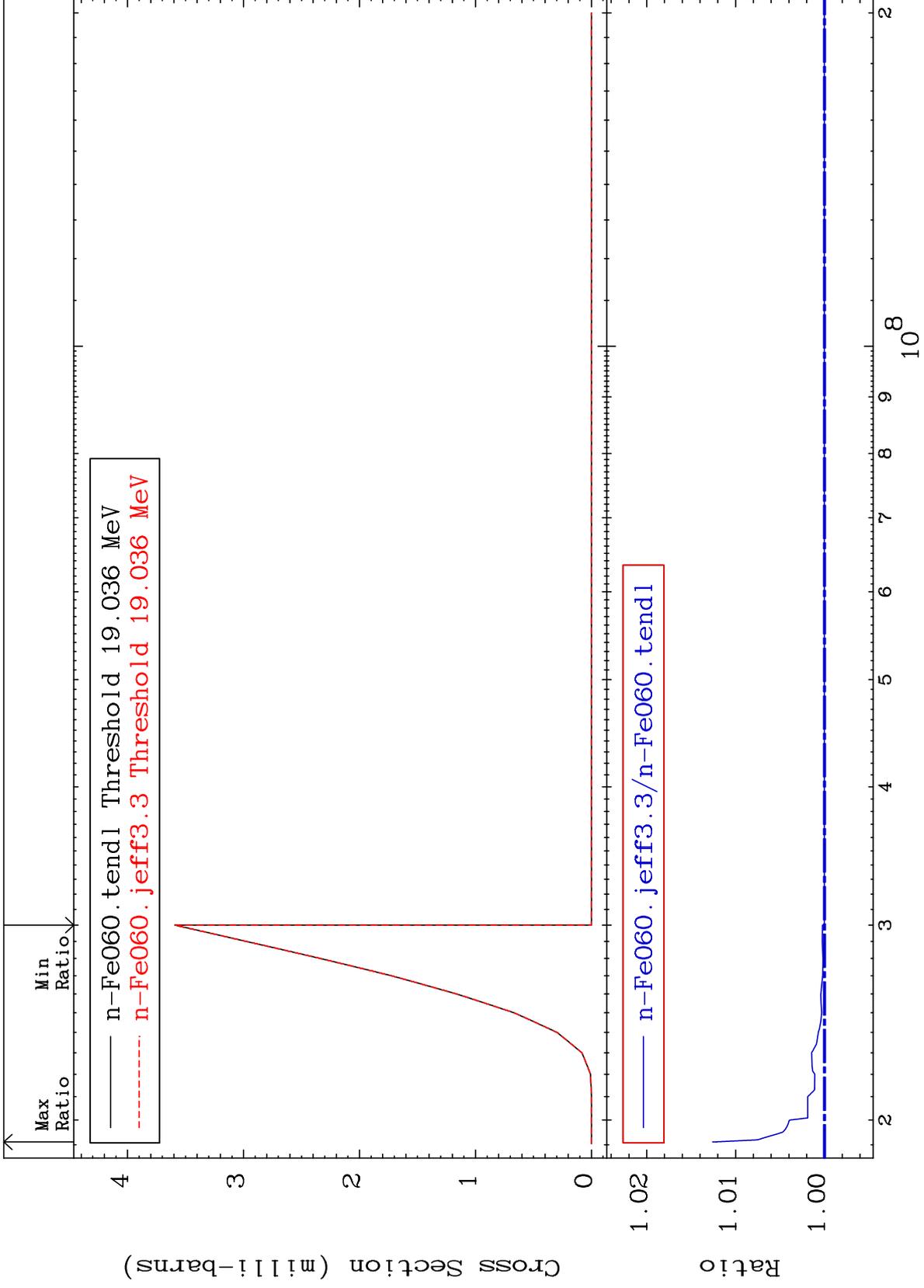
26-Fe-60

MAT 2643

(n, n') d:25-Mn-58g

26-Fe-60

Radionuclide Production Cross Section 0.000 To 1.260 %

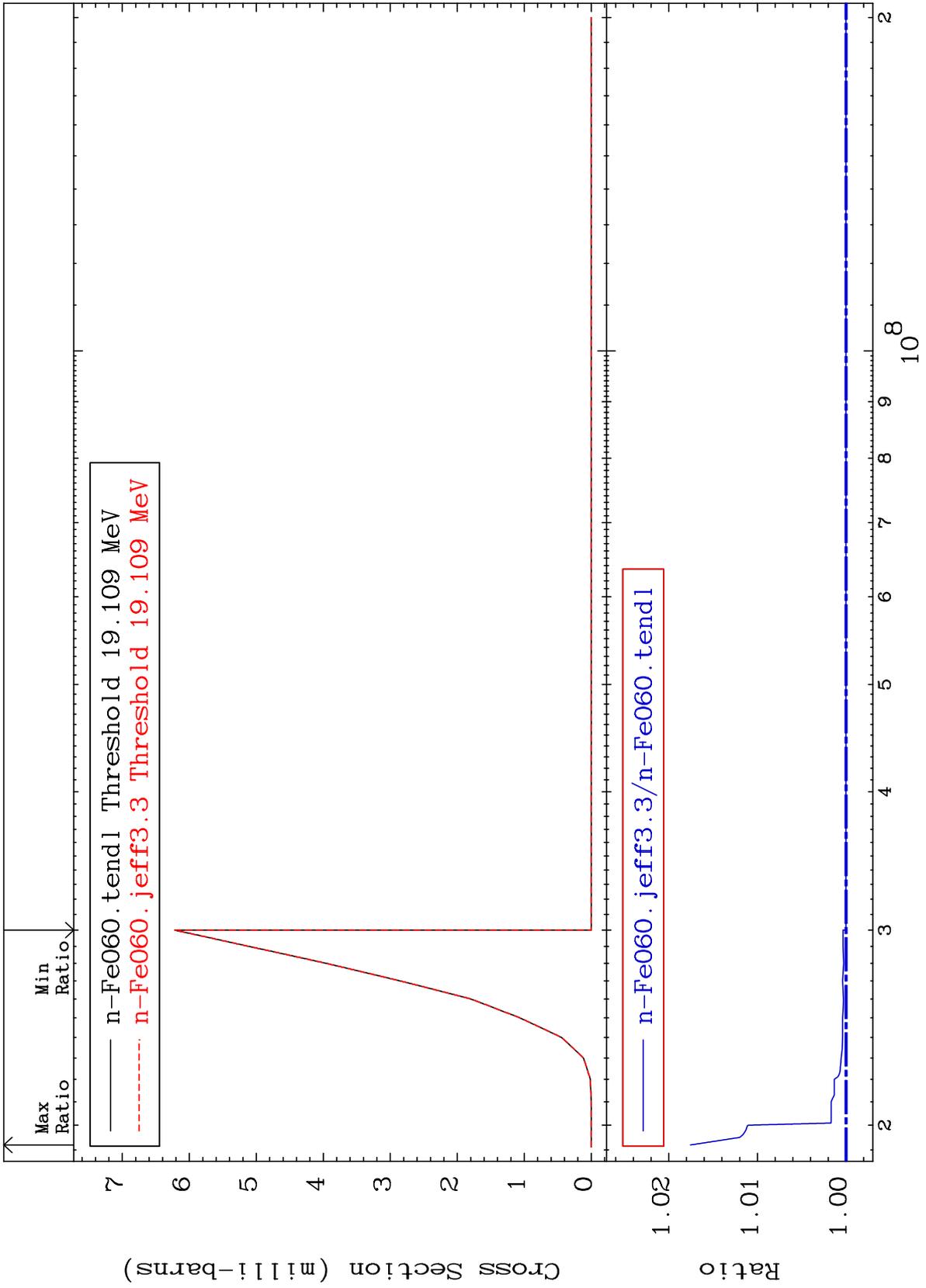


MAT 2643

(n, n') d:25-Mn-58m1

26-Fe-60

Radionuclide Production Cross Section 0.000 To 1.756 %



78

Incident Energy (eV)

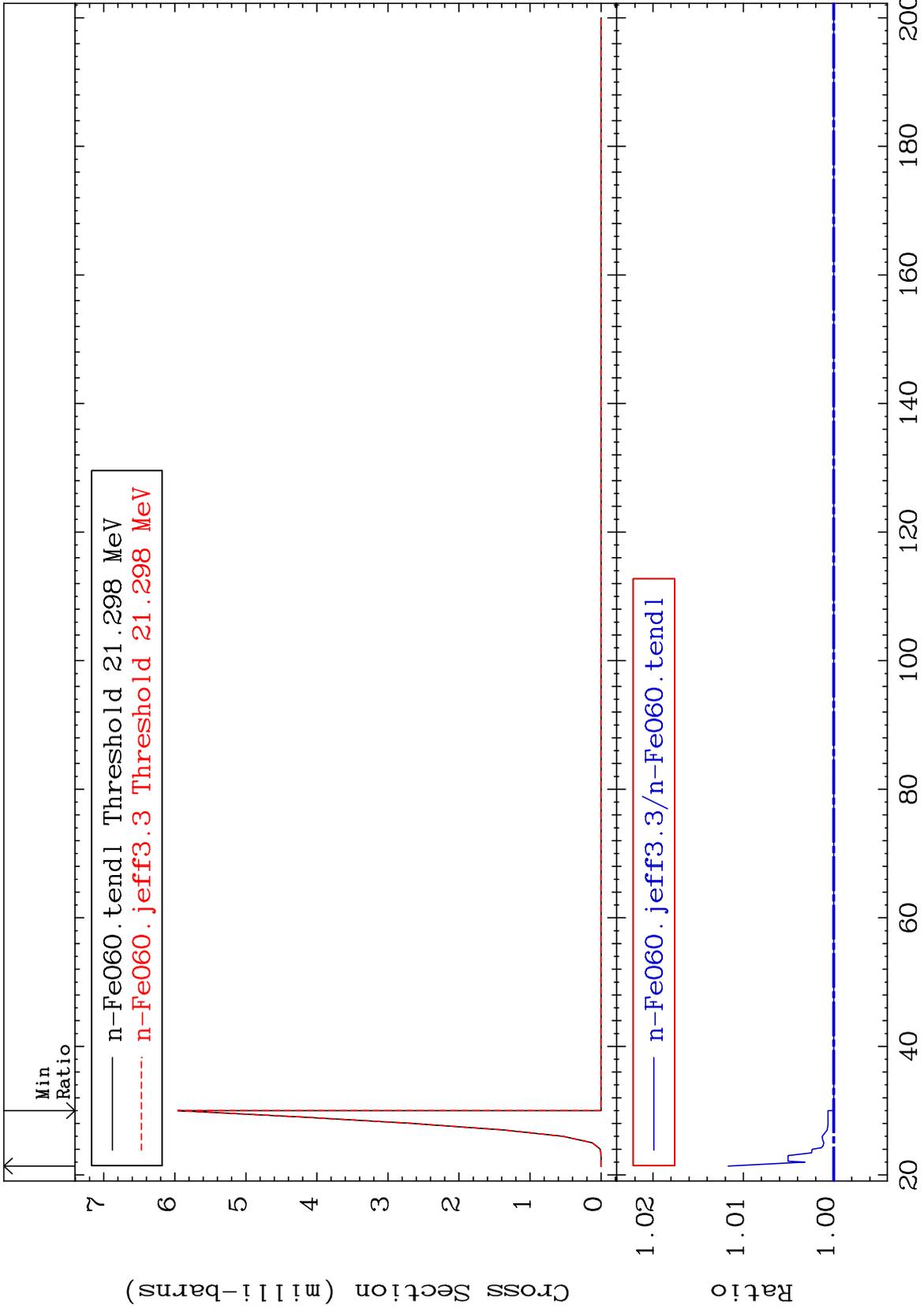
26-Fe-60

MAT 2643

(n,2n) p:25-Mn-58g

26-Fe-60

Radionuclide Production Cross Section 0.000 To 1.168 %



79

Incident Energy (MeV)

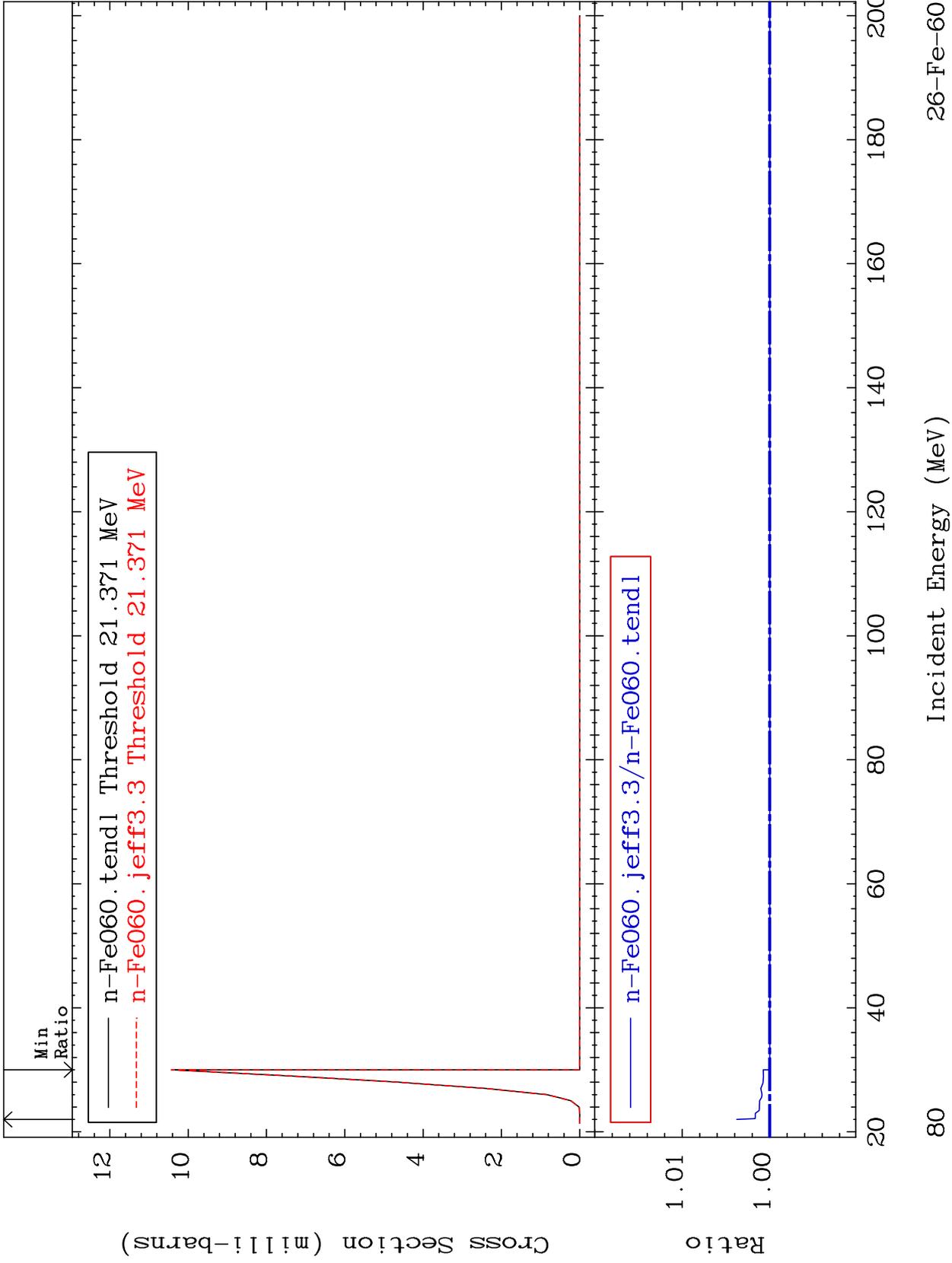
26-Fe-60

MAT 2643

(n,2n) p:25-Mn-58m1

26-Fe-60

Radionuclide Production Cross Section 0.000 To 0.378 %

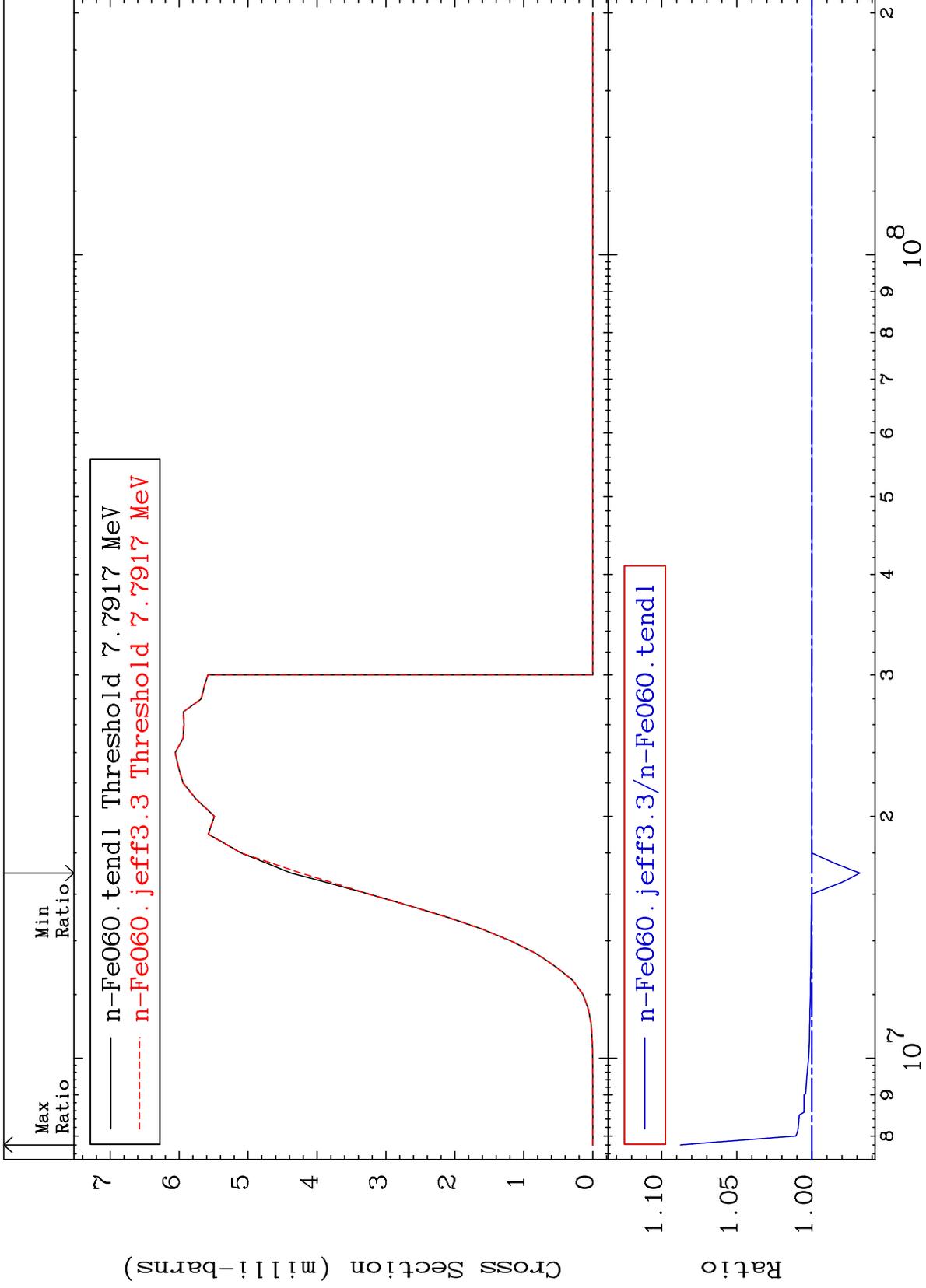


MAT 2643

(n, p):25-Mn-60g

26-Fe-60

Radionuclide Production Cross Section -3.186 To 8.741 %



81

Incident Energy (eV)

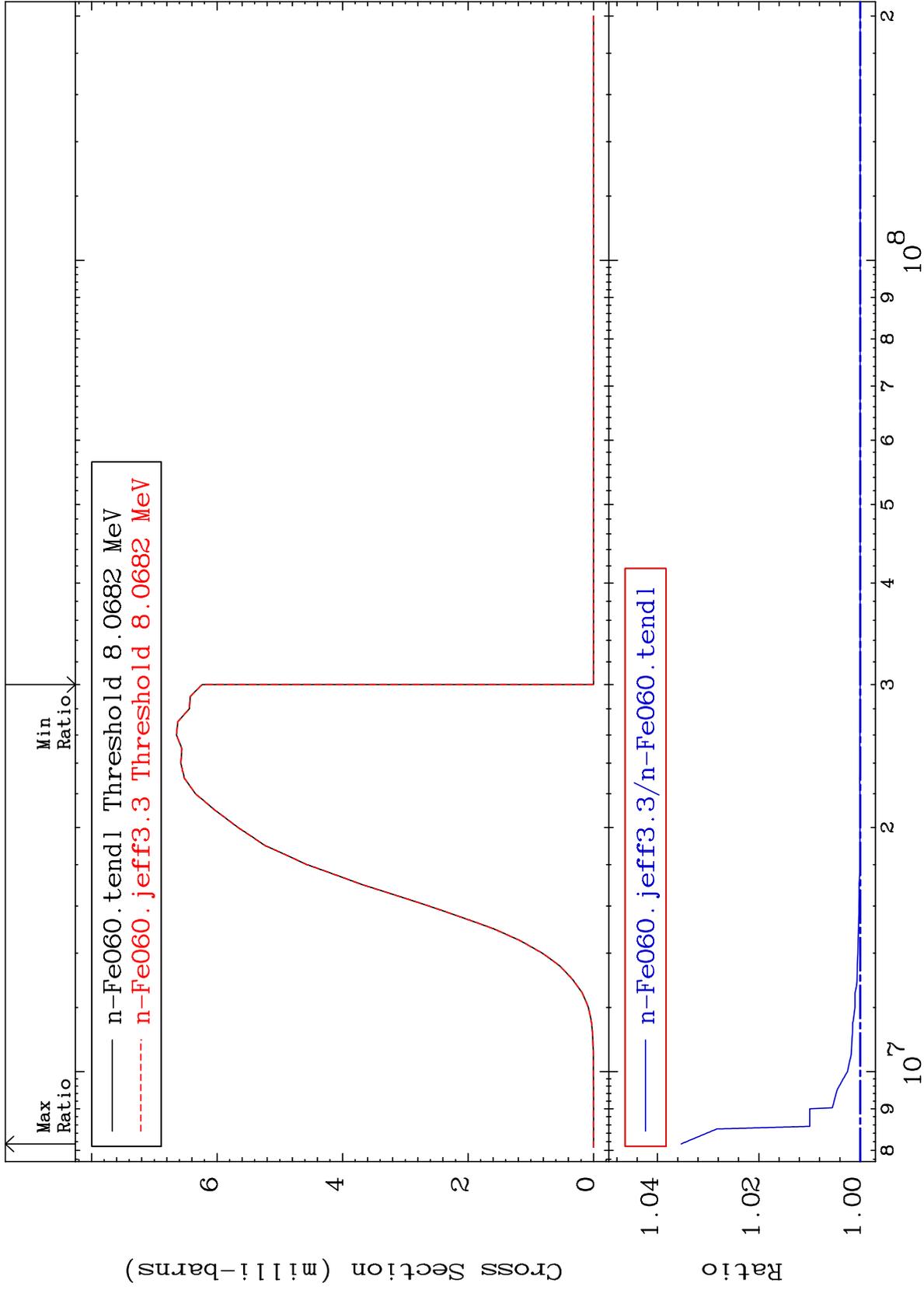
26-Fe-60

MAT 2643

(n, p) : 25-Mn-60m1

26-Fe-60

Radionuclide Production Cross Section 0.000 To 3.532 %



82

Incident Energy (eV)

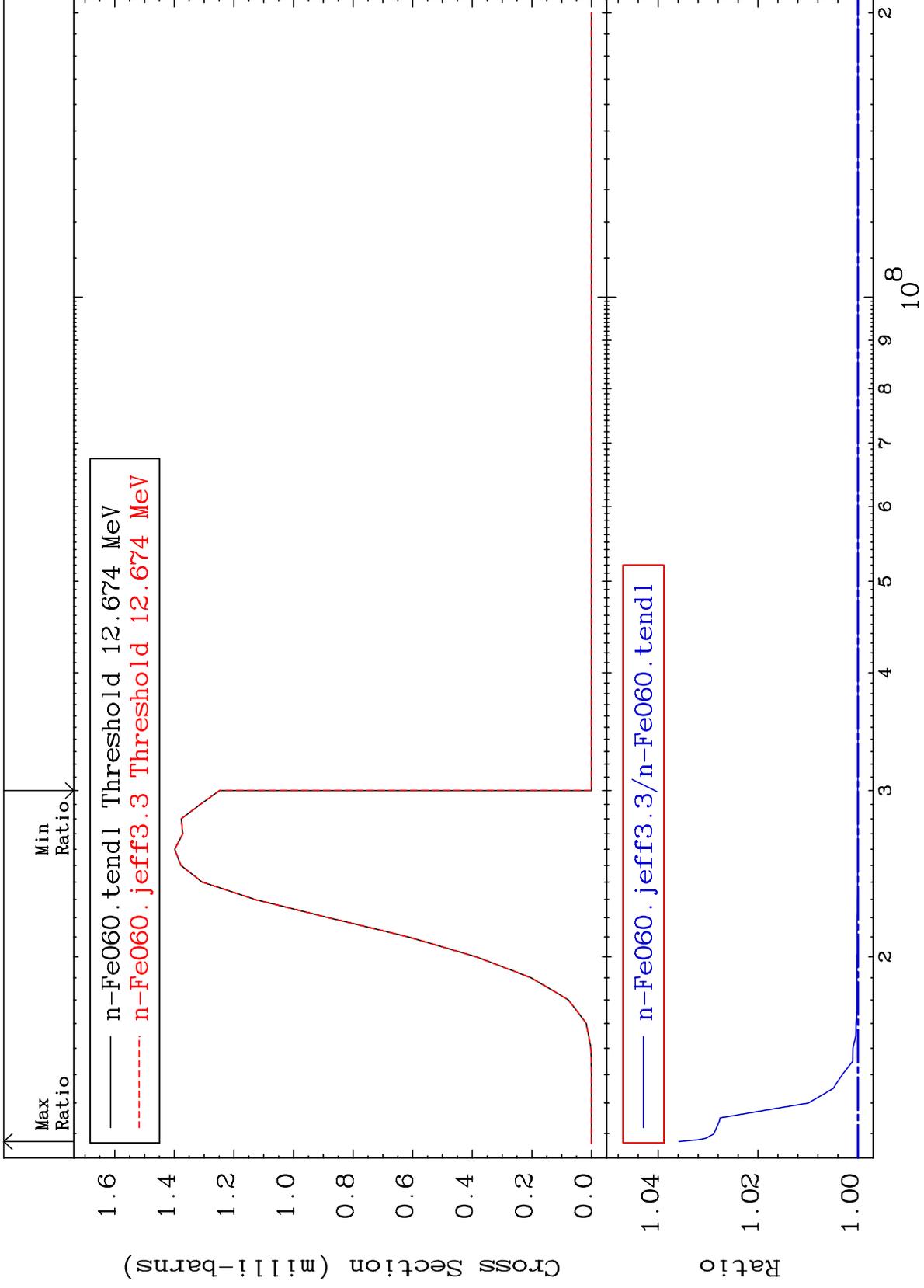
26-Fe-60

MAT 2643

(n, t) : 25-Mn-58g

26-Fe-60

Radionuclide Production Cross Section 0.000 To 3.582 %



MAT 2643

(n, t) : 25-Mn-58m1

26-Fe-60

Radionuclide Production Cross Section 0.000 To 2.831 %

