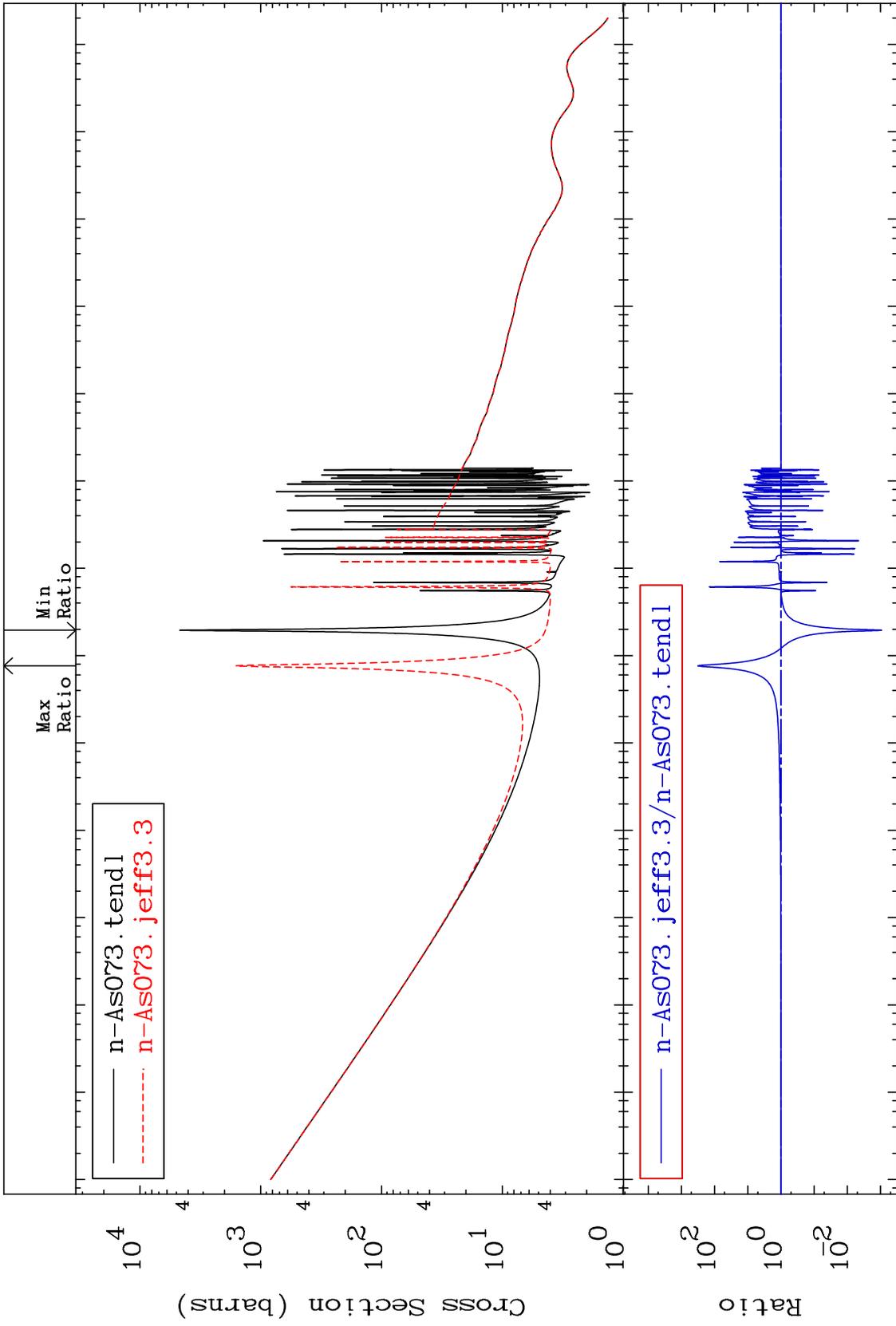


MAT 3319

33-As-73

-99.91 To 9999. %

Total
Cross Section



Incident Energy (eV)

33-As-73

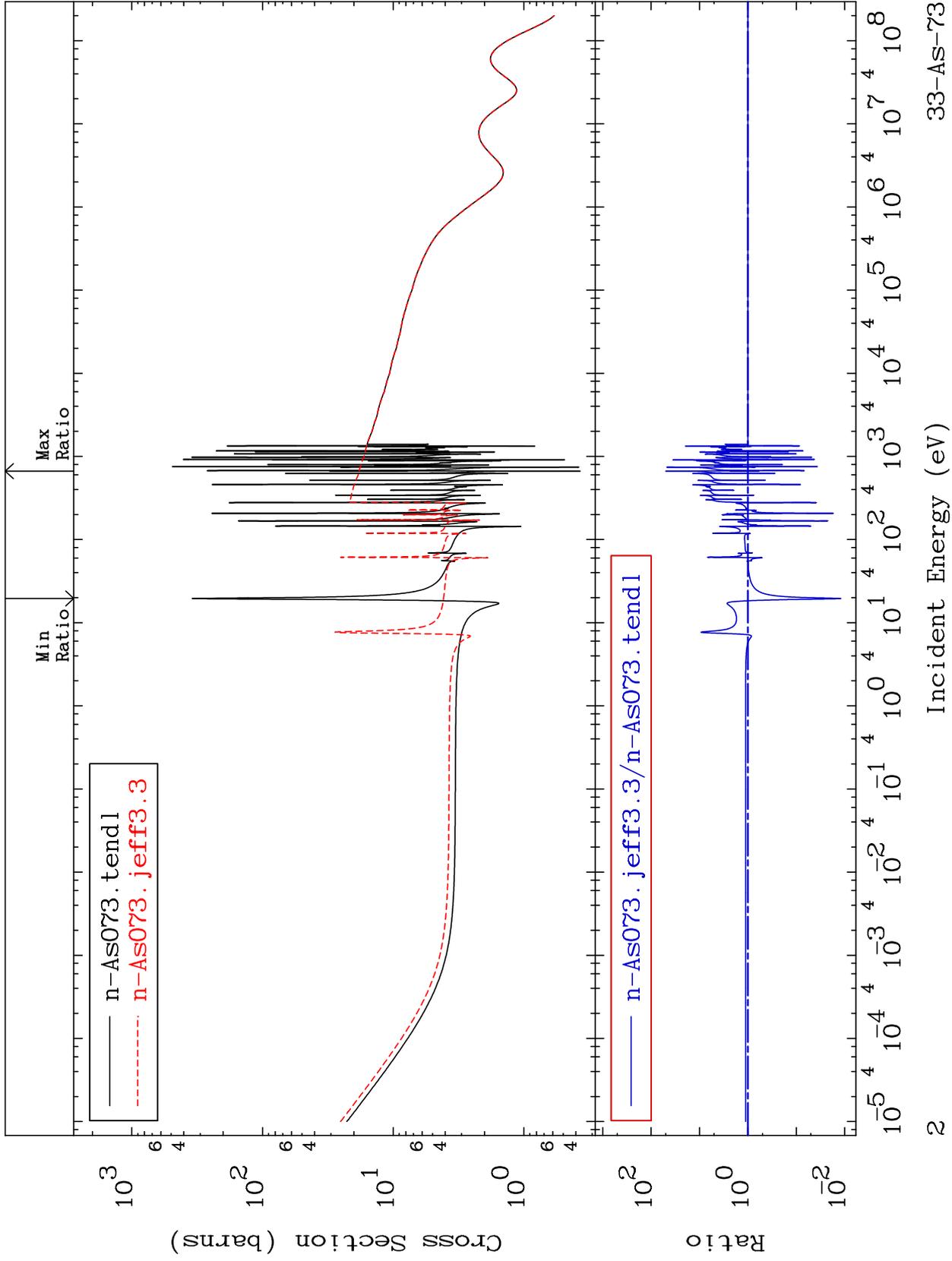
MAT 3319

33-As-73

-98.81 To 4828. %

Elastic

Cross Section

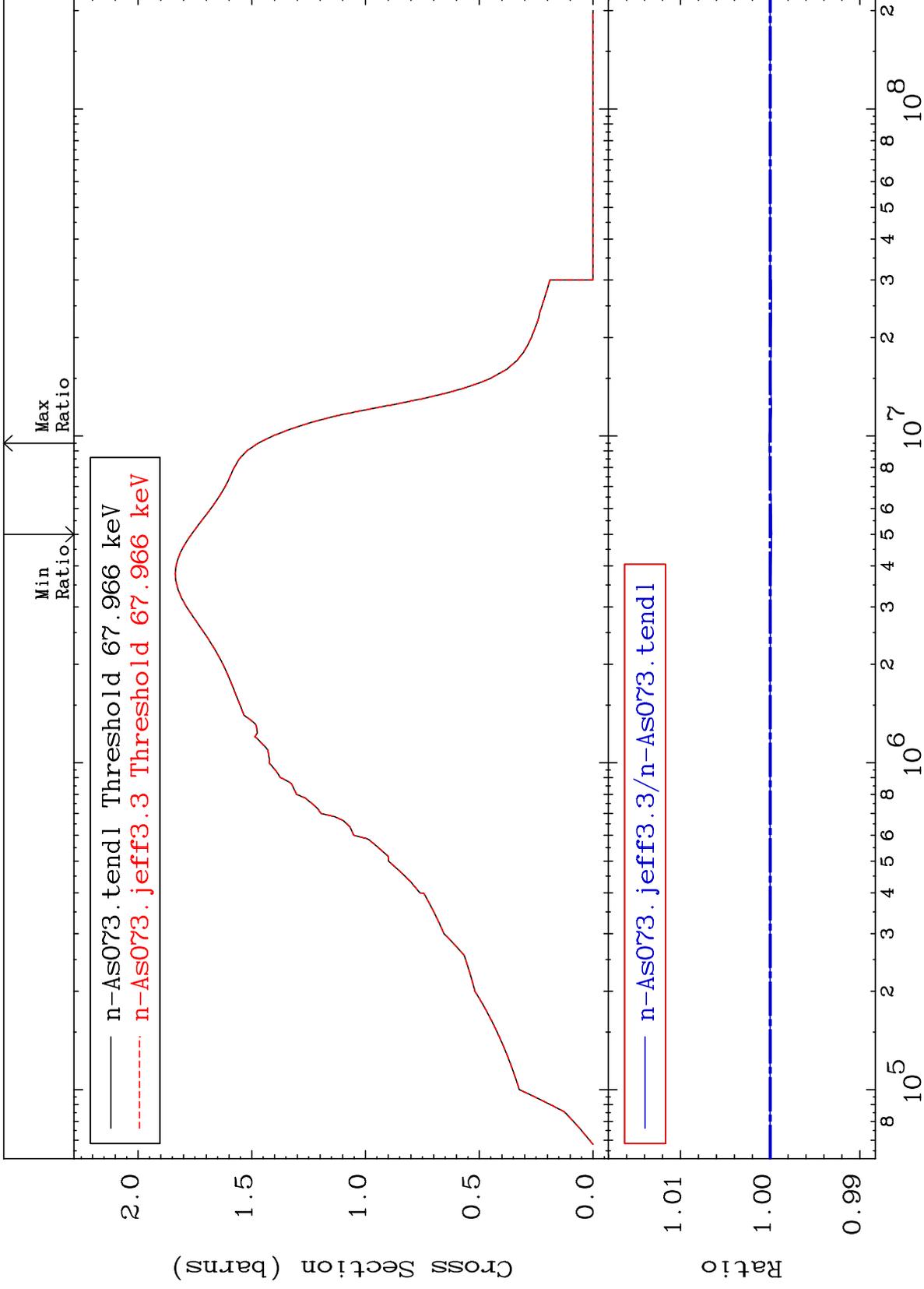


33-As-73

MAT 3319

Inelastic
Cross Section

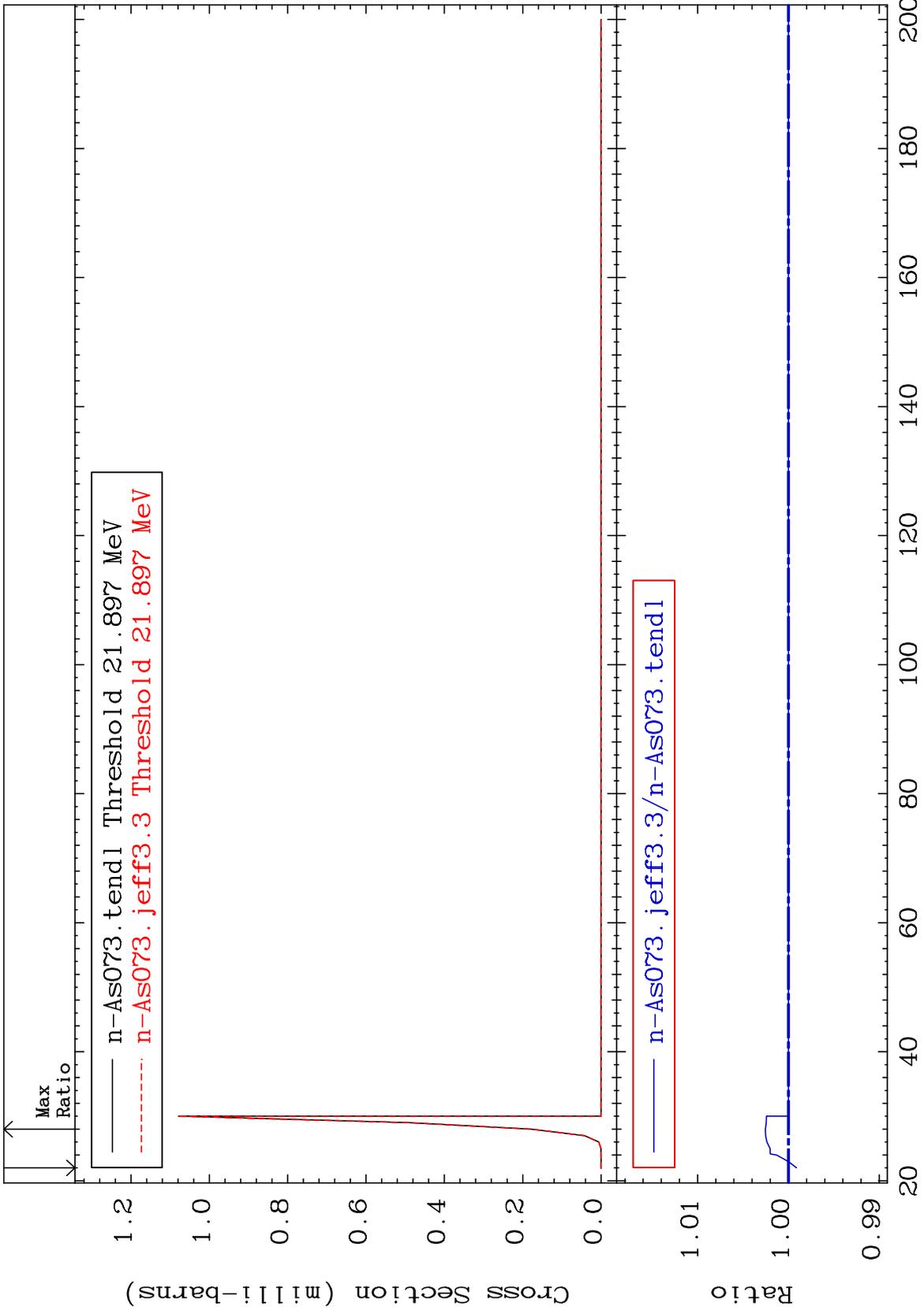
33-As-73
-0.017 To 0.011 %



MAT 3319

(n,2n) d
Cross Section

33-As-73
-0.090 To 0.254 %



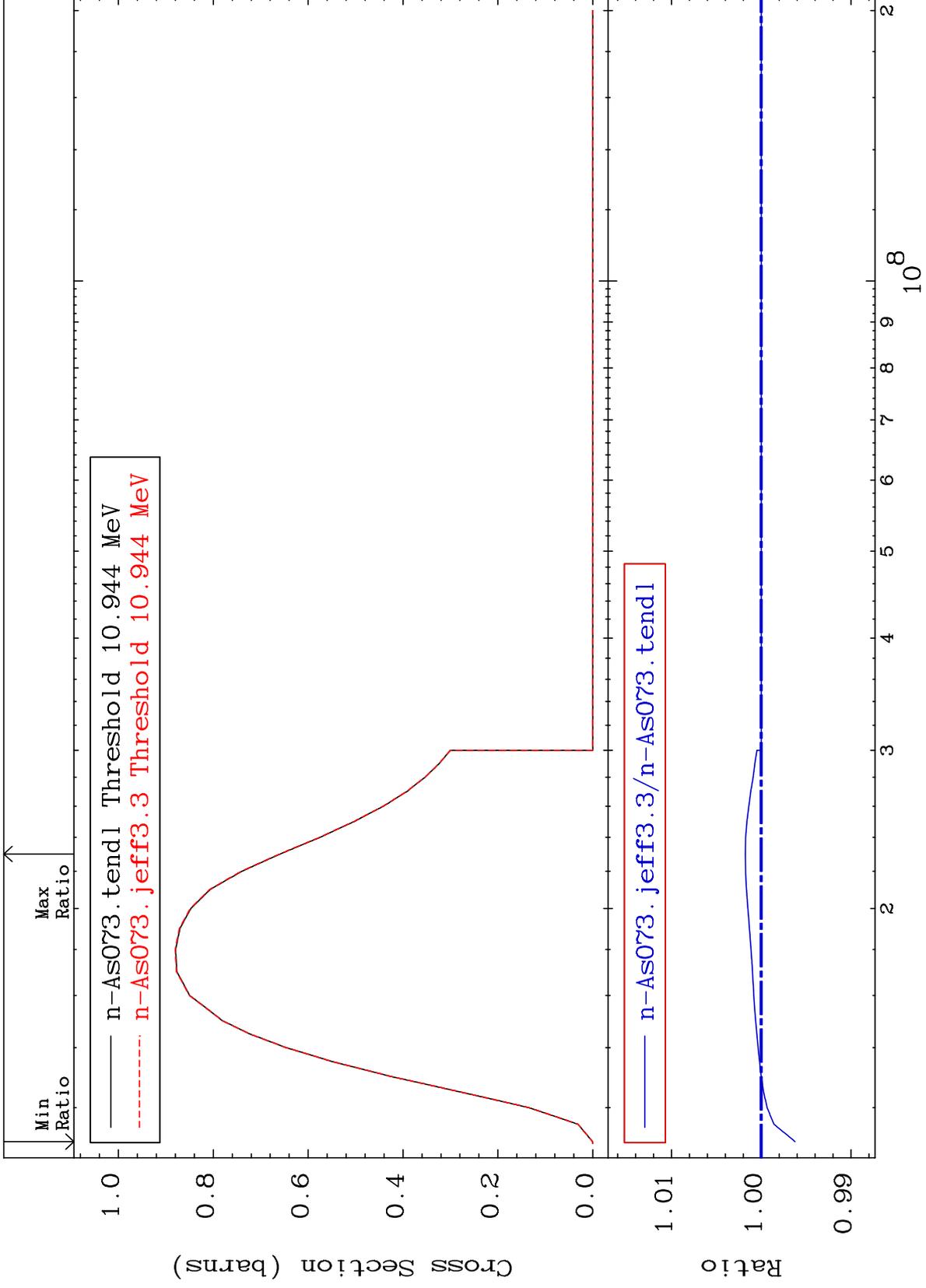
MAT 3319

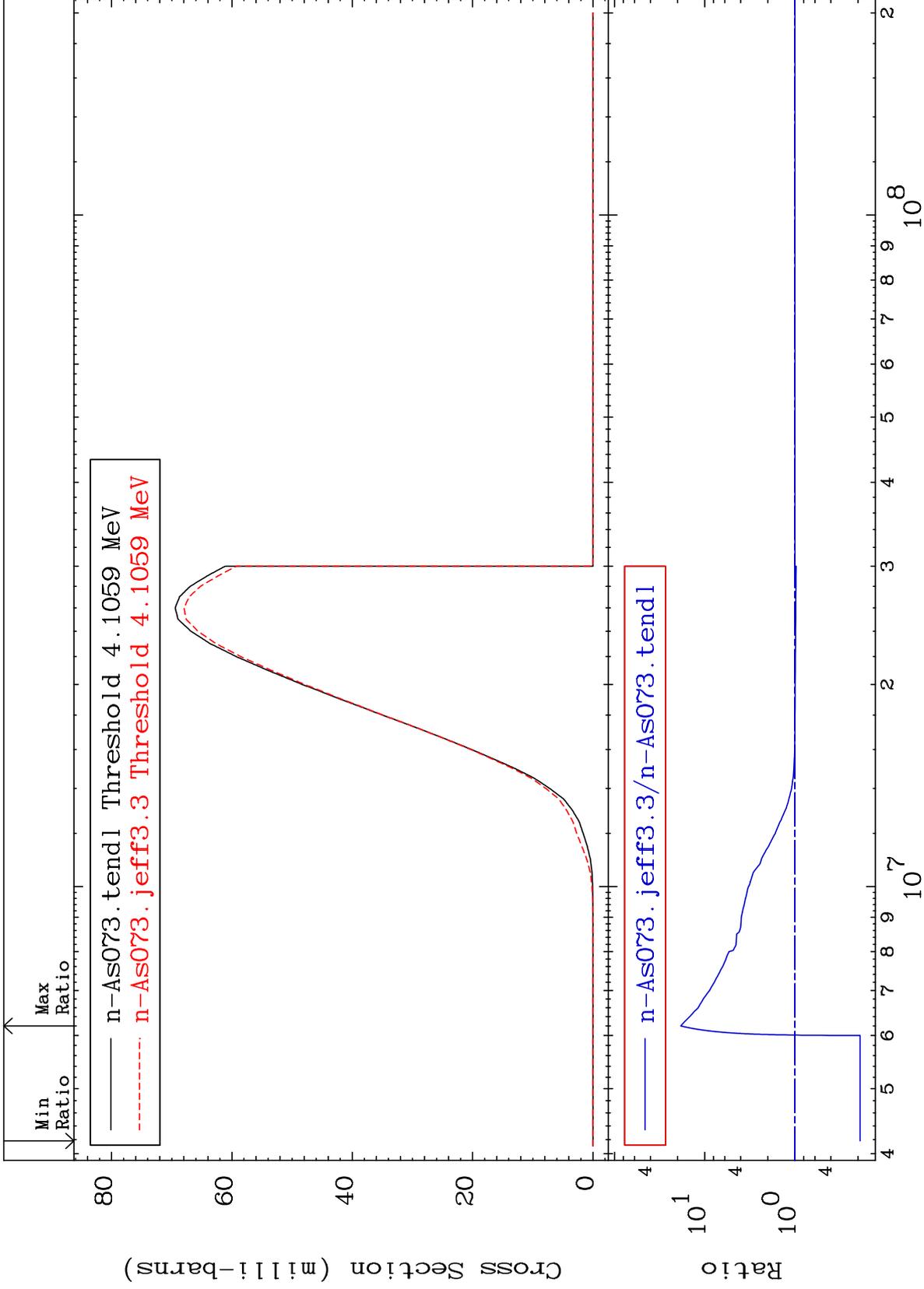
(n,2n)

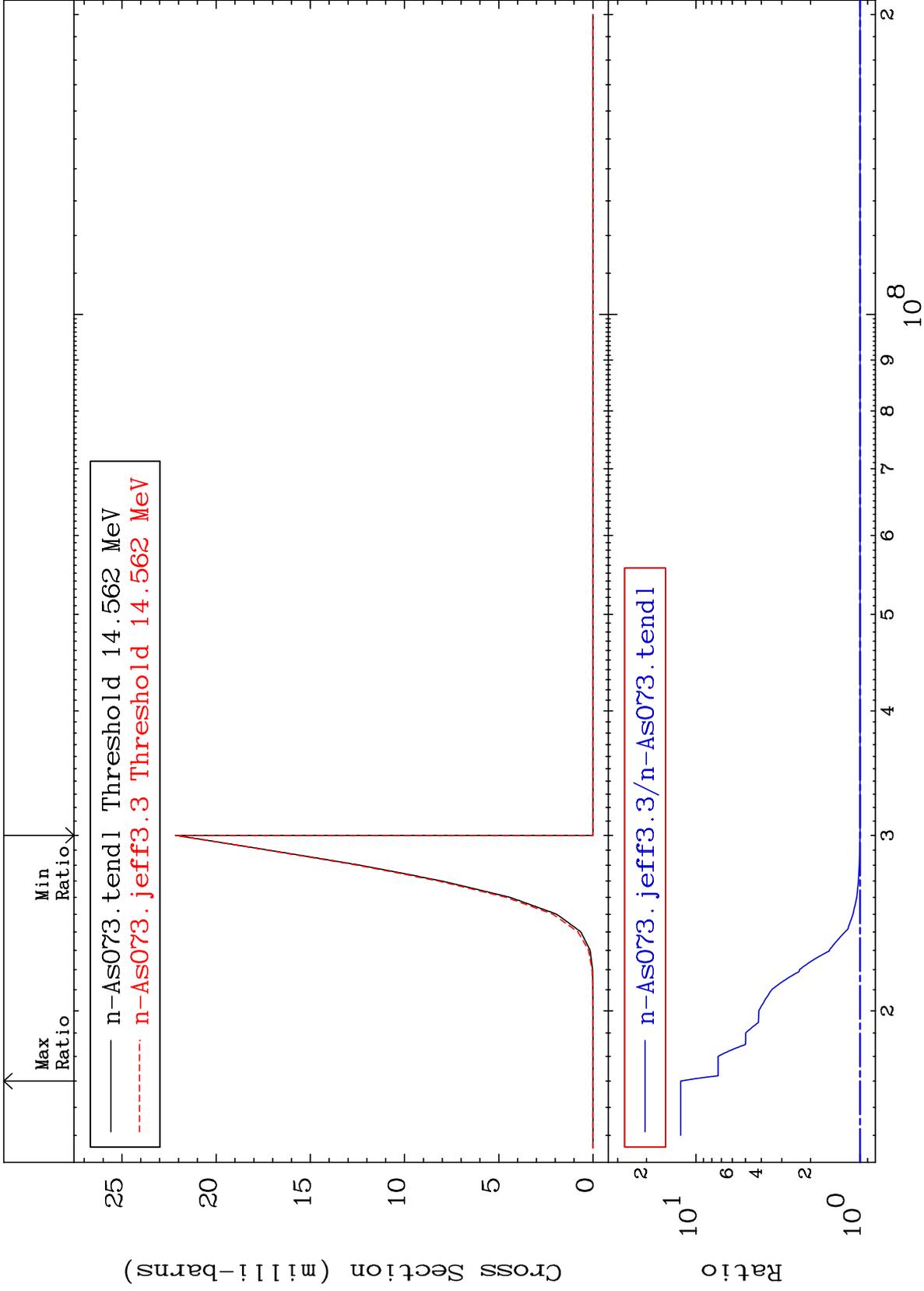
33-As-73

Cross Section

-0.376 To 0.177 %



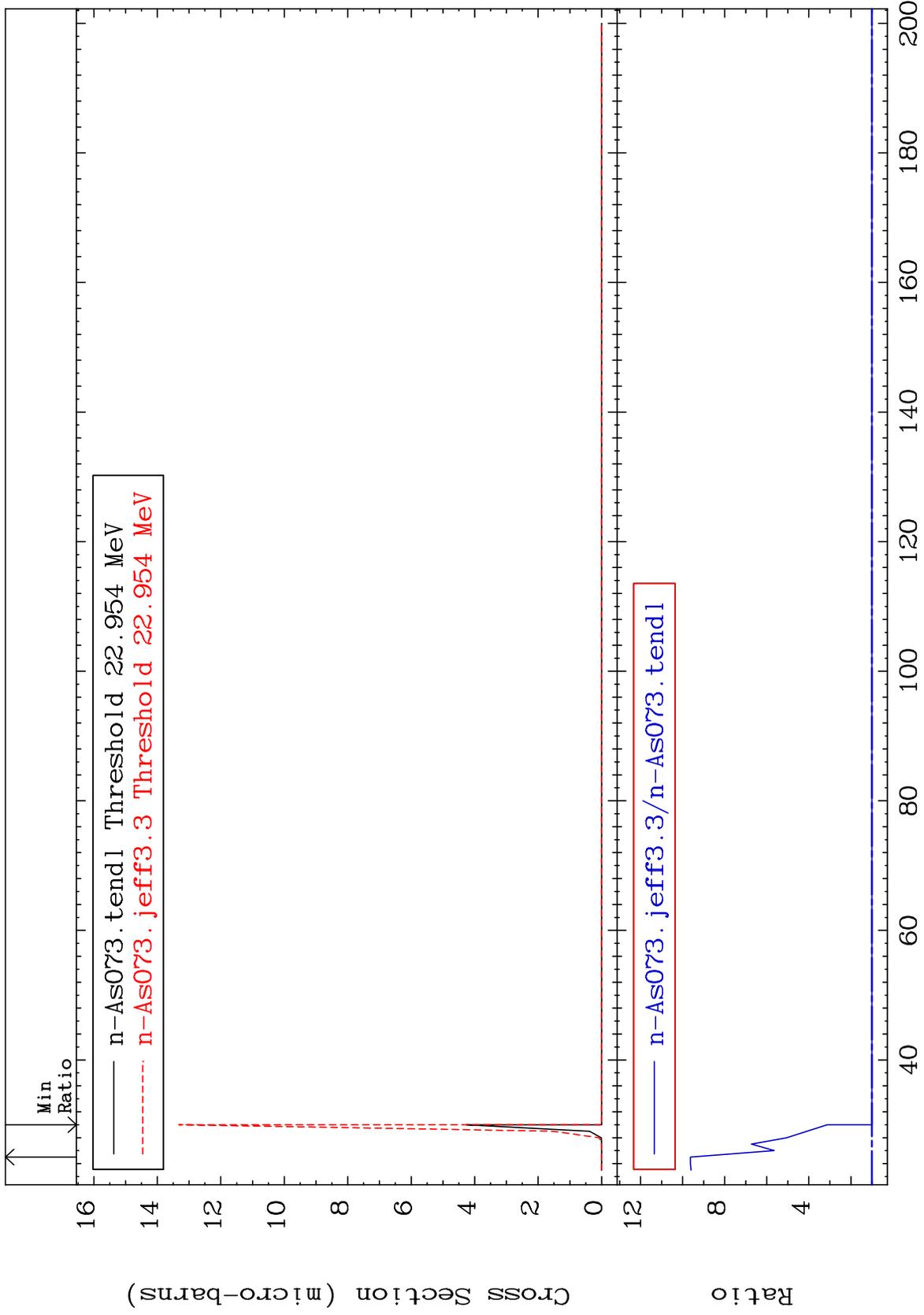




MAT 3319

(n,3n) α
Cross Section

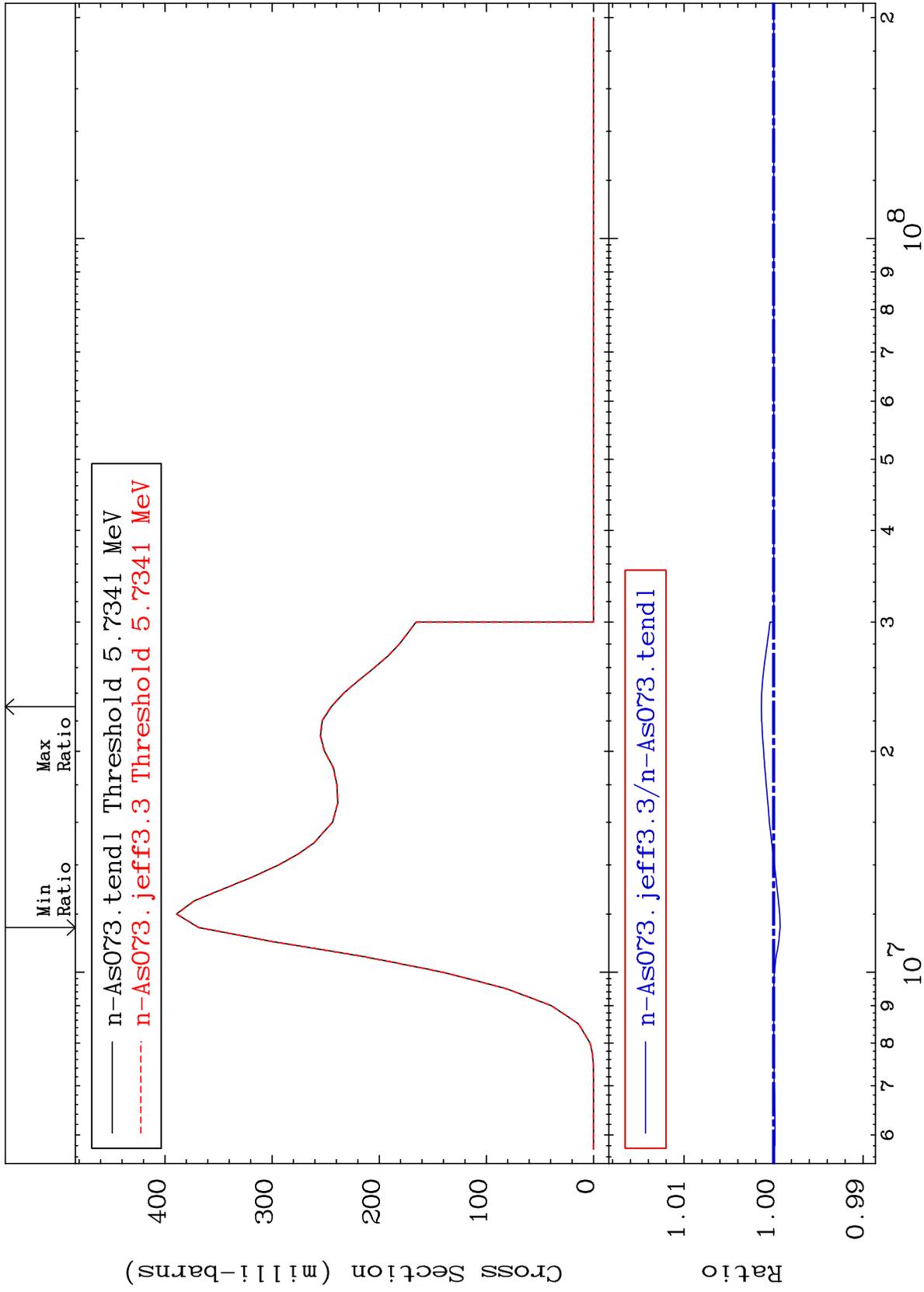
33-As-73
0.000 To 863.0 %



MAT 3319

(n,n') p
Cross Section

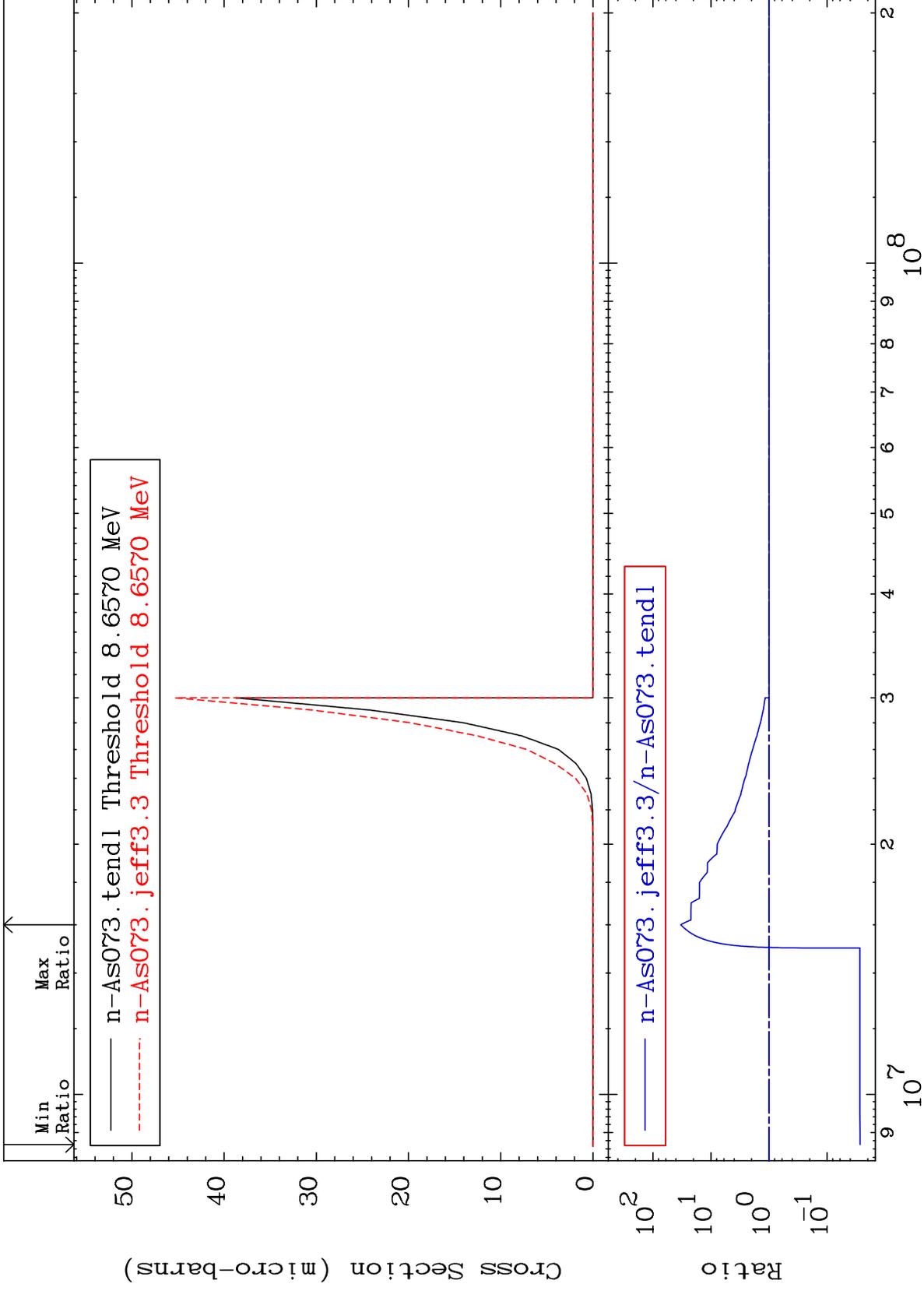
³³-As-73
-0.072 To 0.137 %

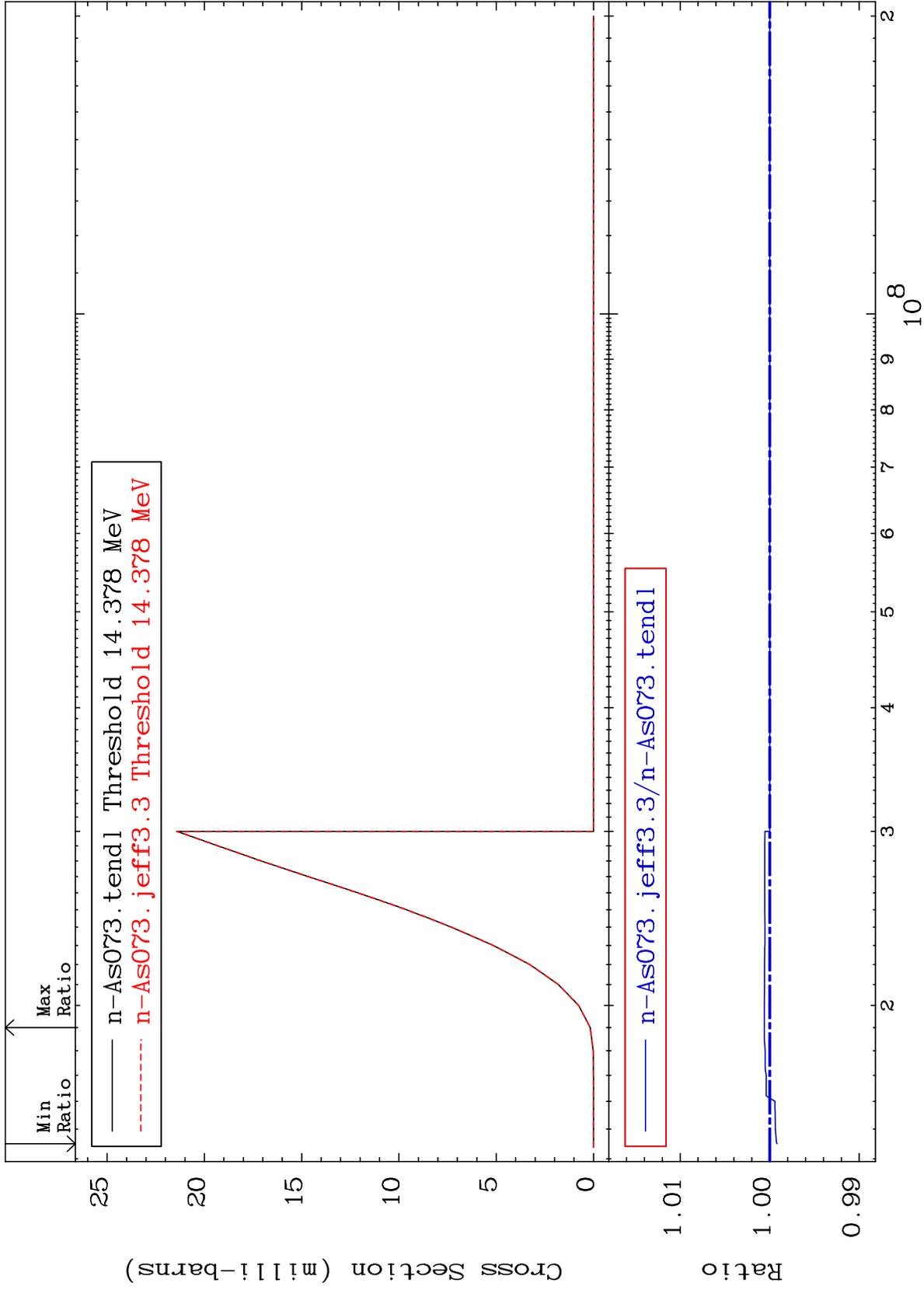


10

Incident Energy (eV)

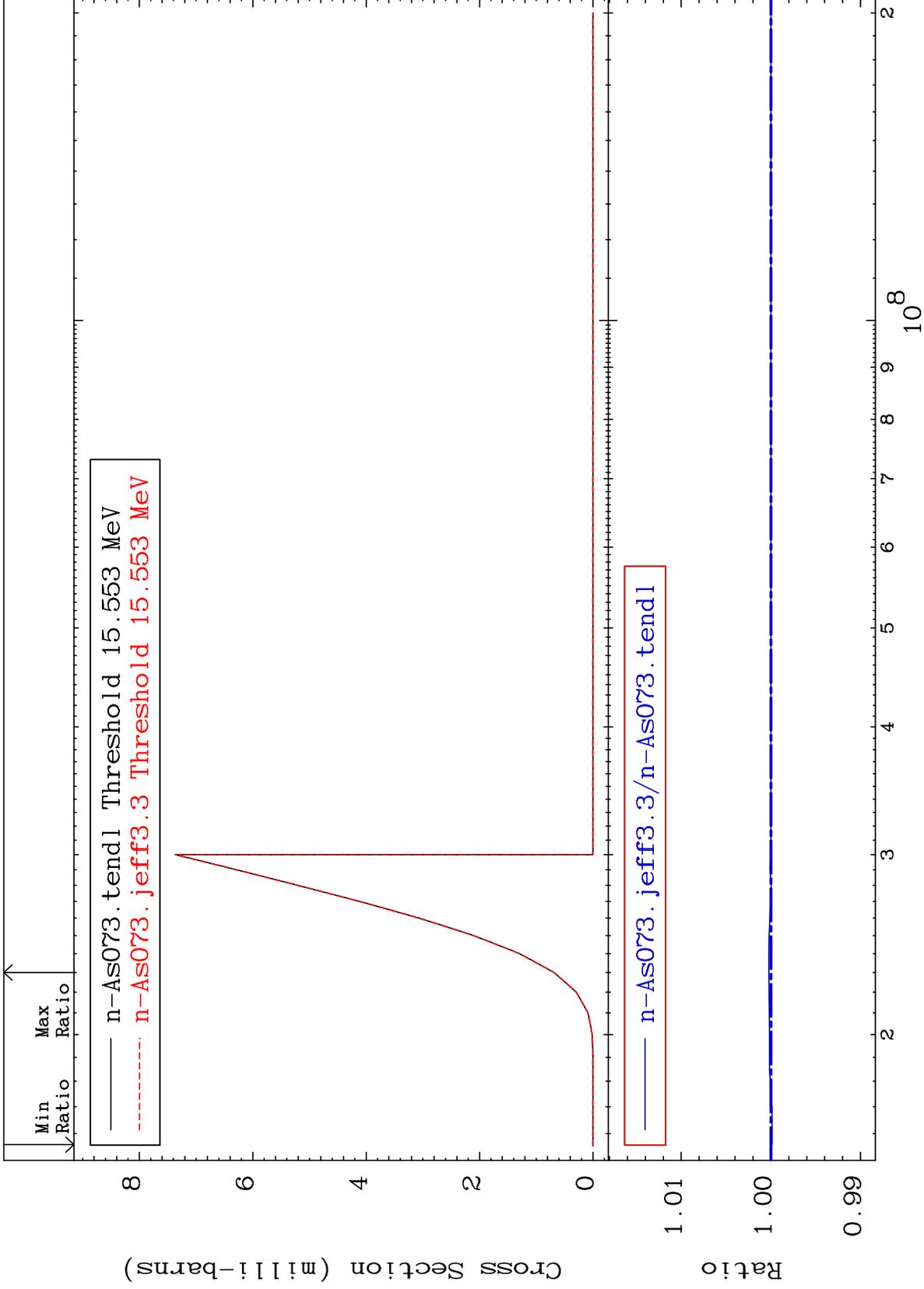
³³-As-73





Cross Section

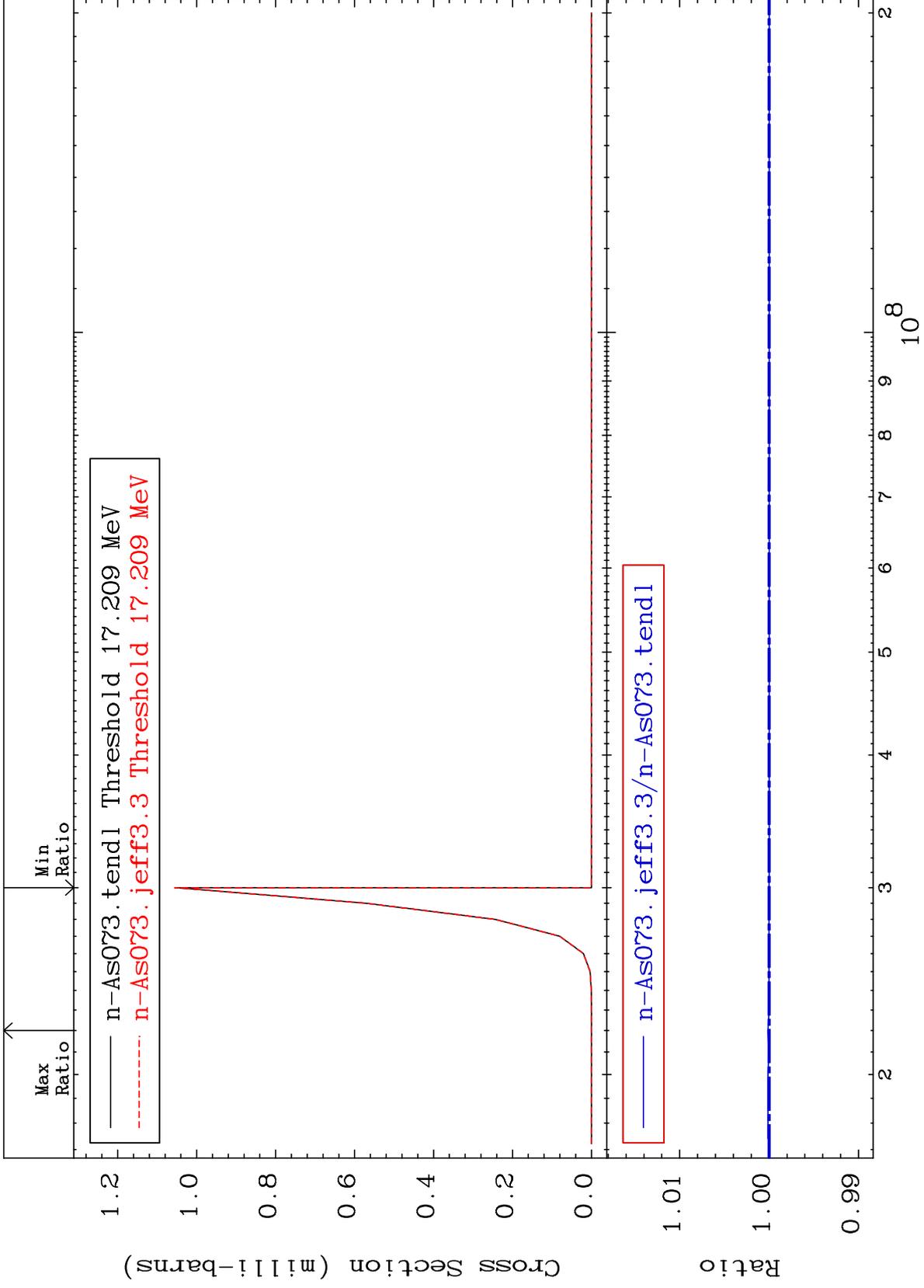
-0.013 To 0.023 %



MAT 3319

(n, n') He-3
Cross Section

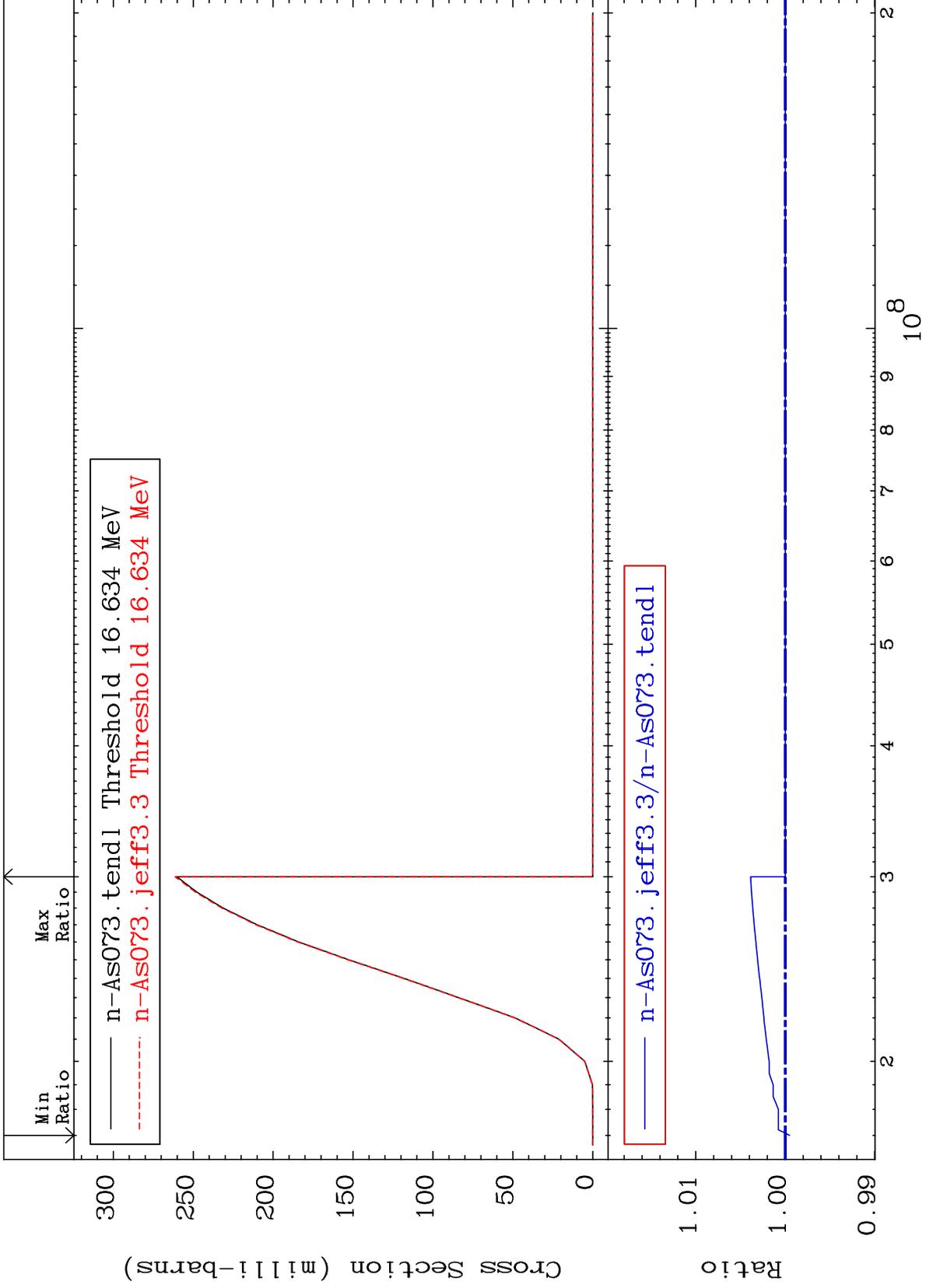
33-As-73
0.000 To 0.014 %



MAT 3319

(n,2n) p
Cross Section

33-As-73
-0.050 To 0.387 %



15

Incident Energy (eV)

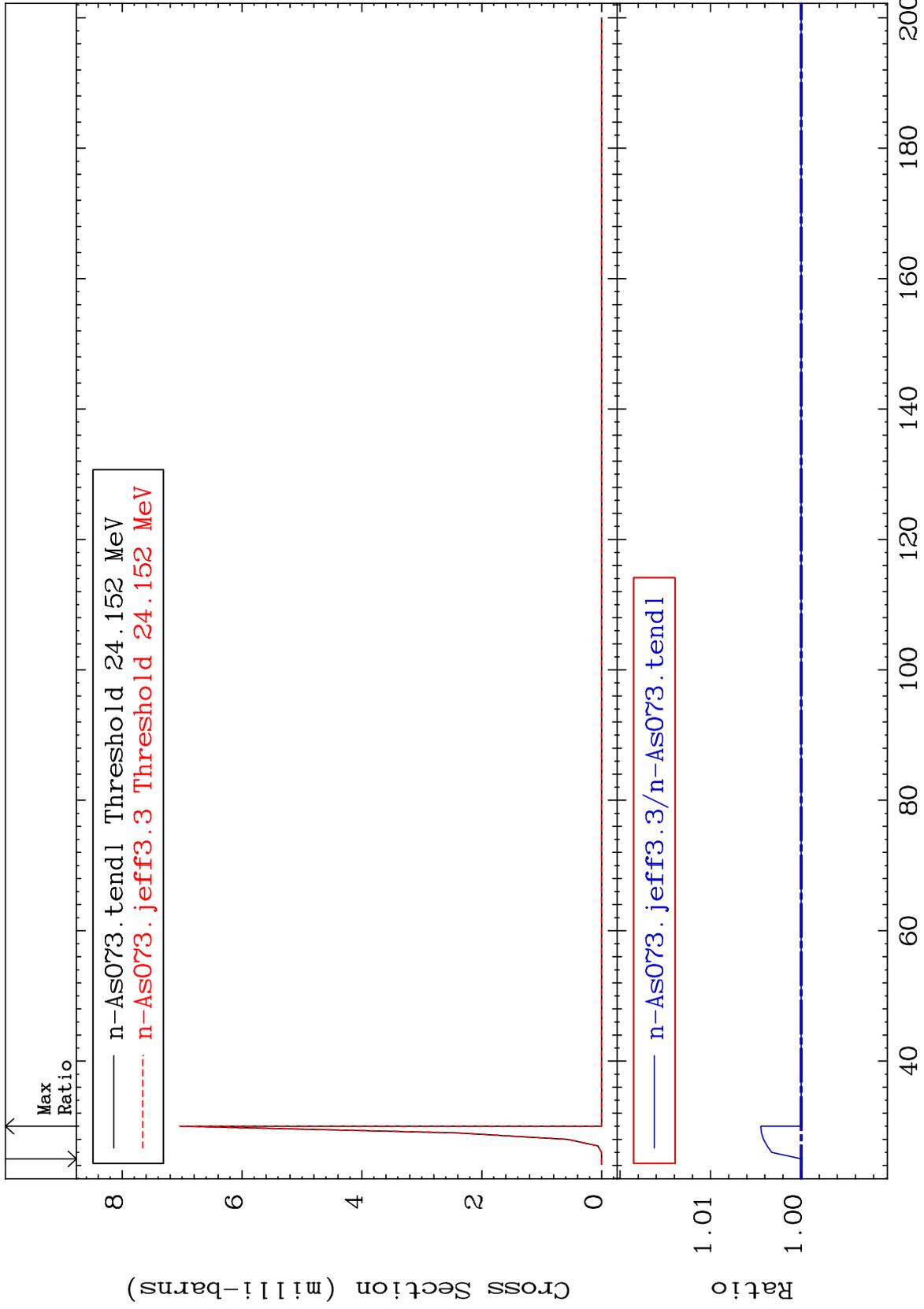
33-As-73

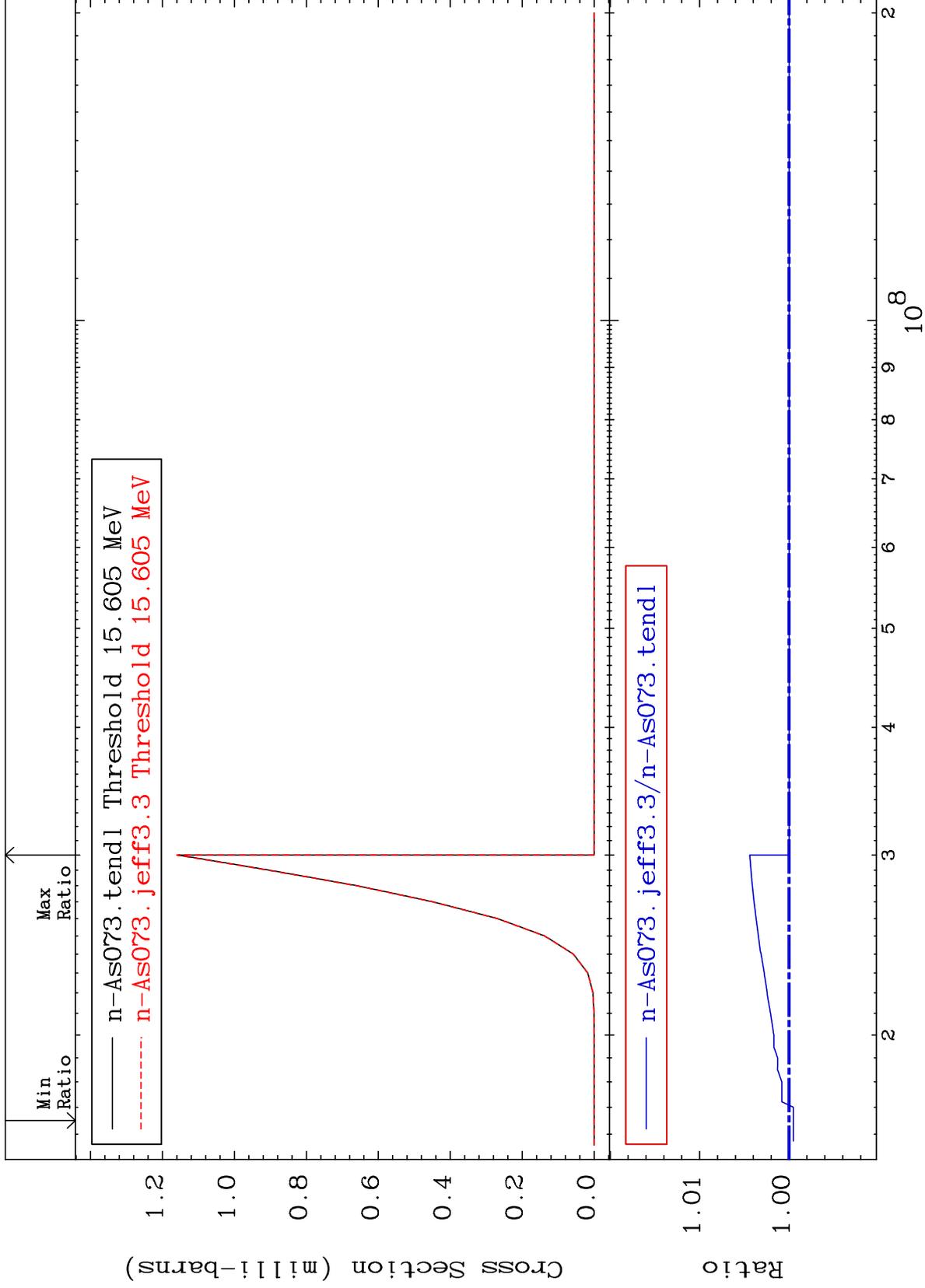
MAT 3319

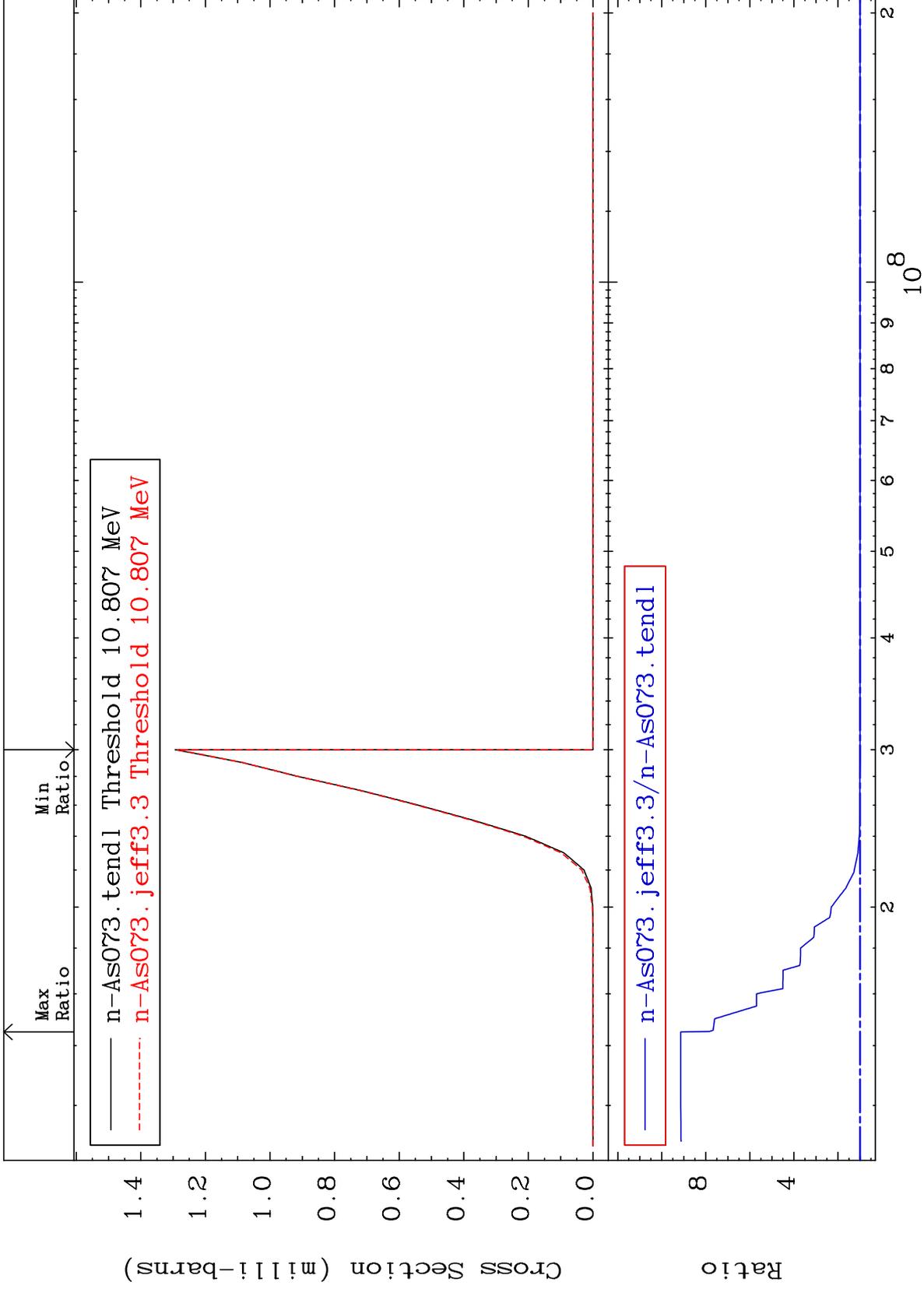
(n,3n) p
Cross Section

33-As-73

-0.006 To 0.446 %



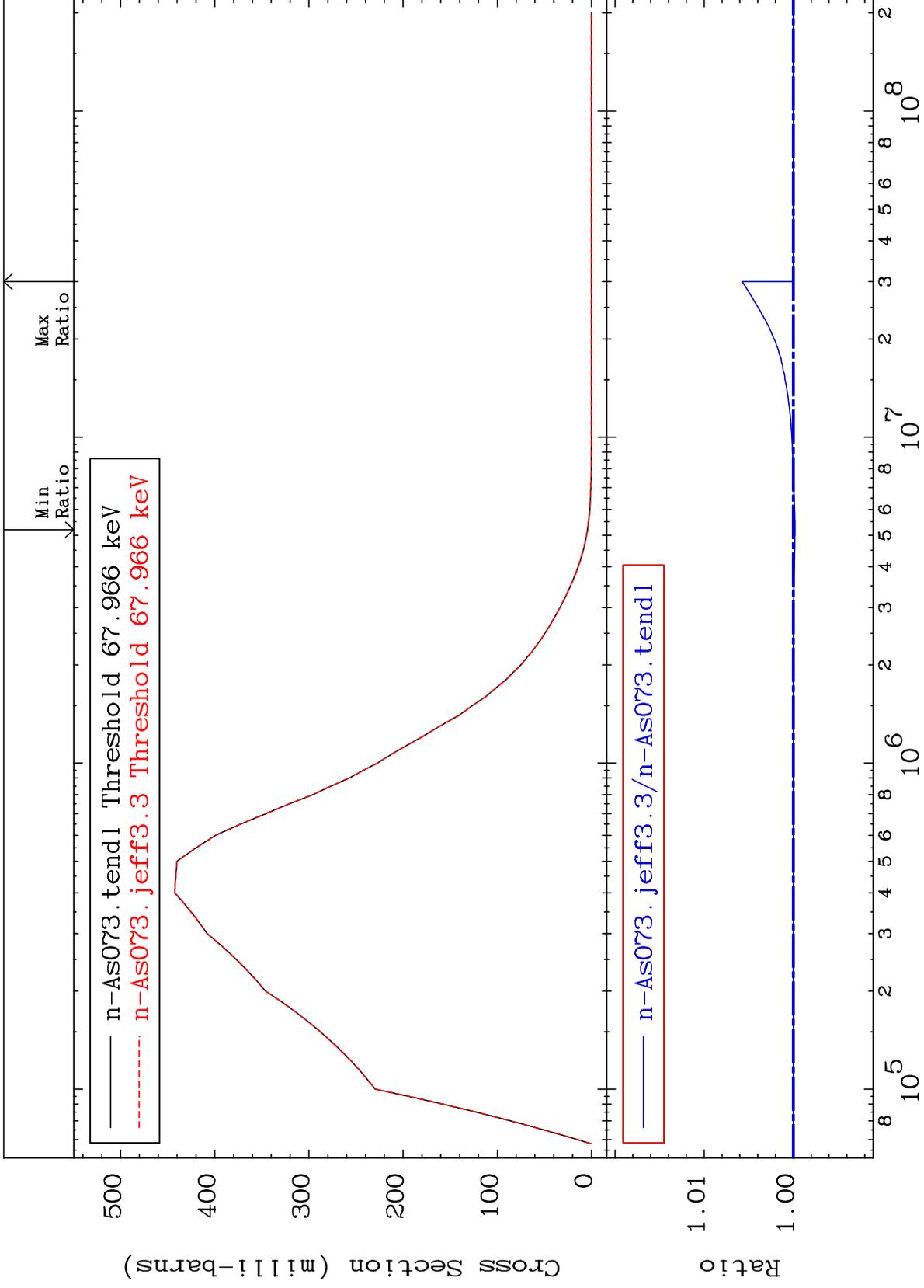




MAT 3319

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

33-As-73
-0.018 To 0.576 %



19

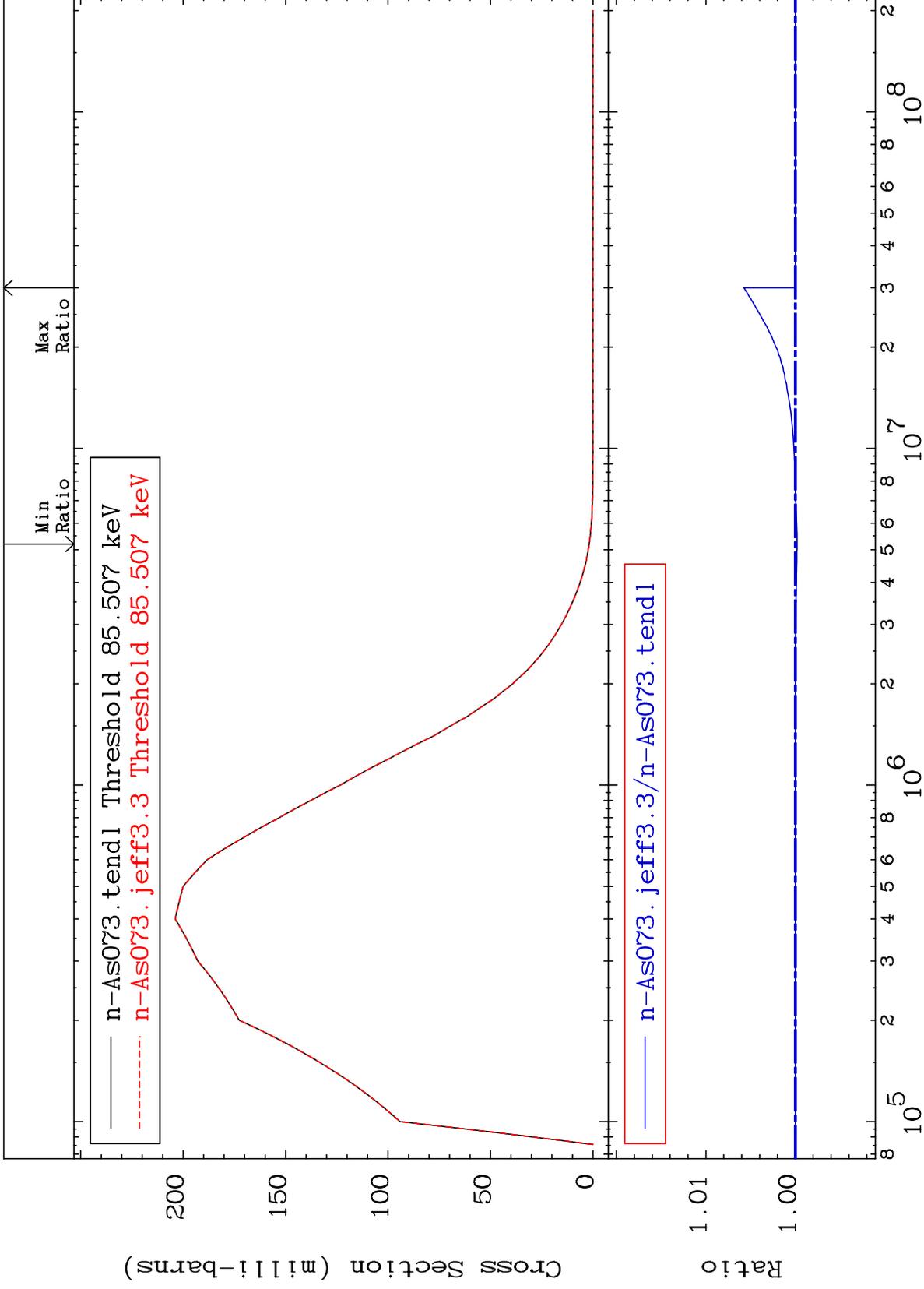
Incident Energy (eV)

33-As-73

MAT 3319

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

33-As-73
-0.018 To 0.575 %



20

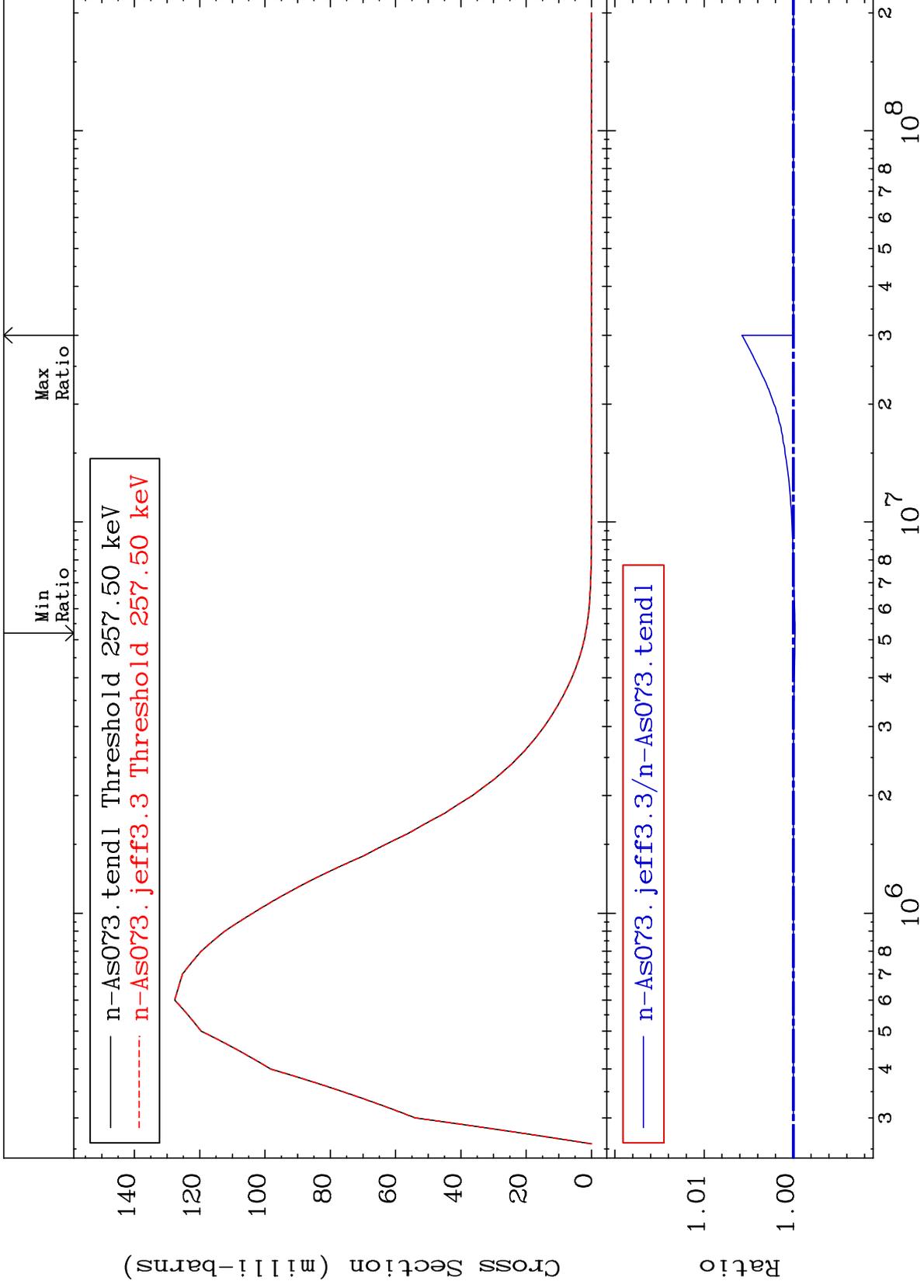
Incident Energy (eV)

33-As-73

MAT 3319

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

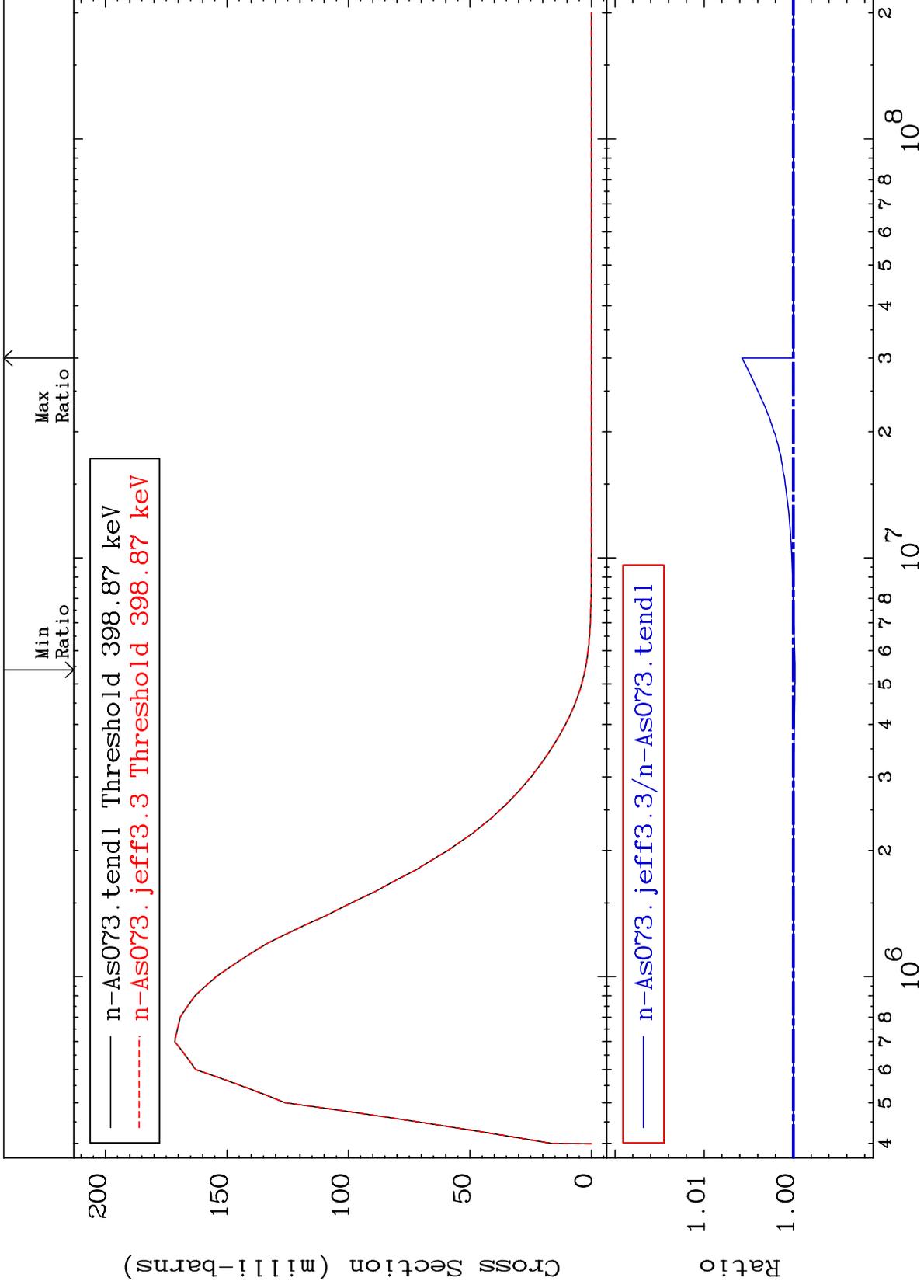
33-As-73
-0.019 To 0.575 %



MAT 3319

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

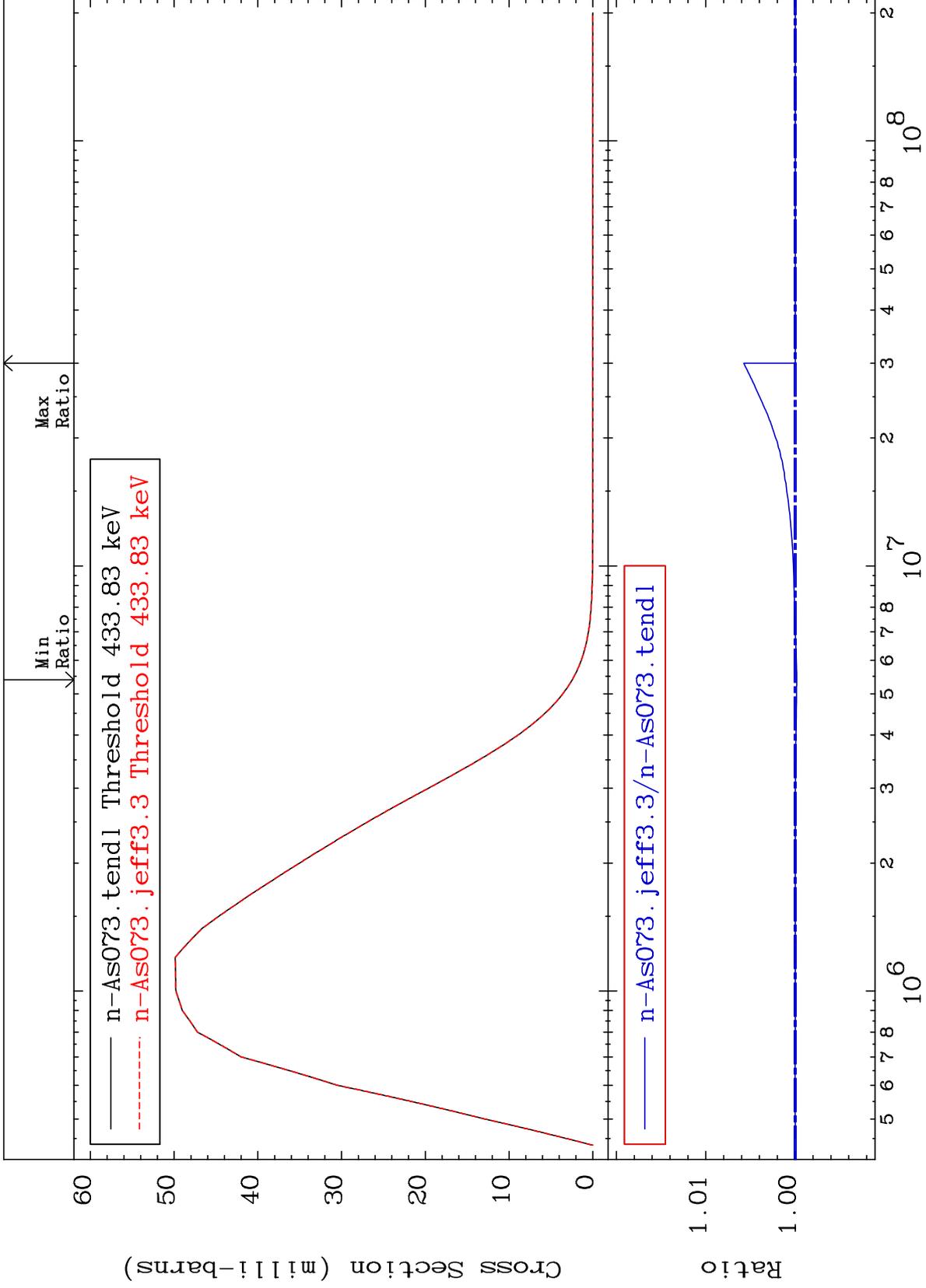
33-As-73
-0.018 To 0.576 %



MAT 3319

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

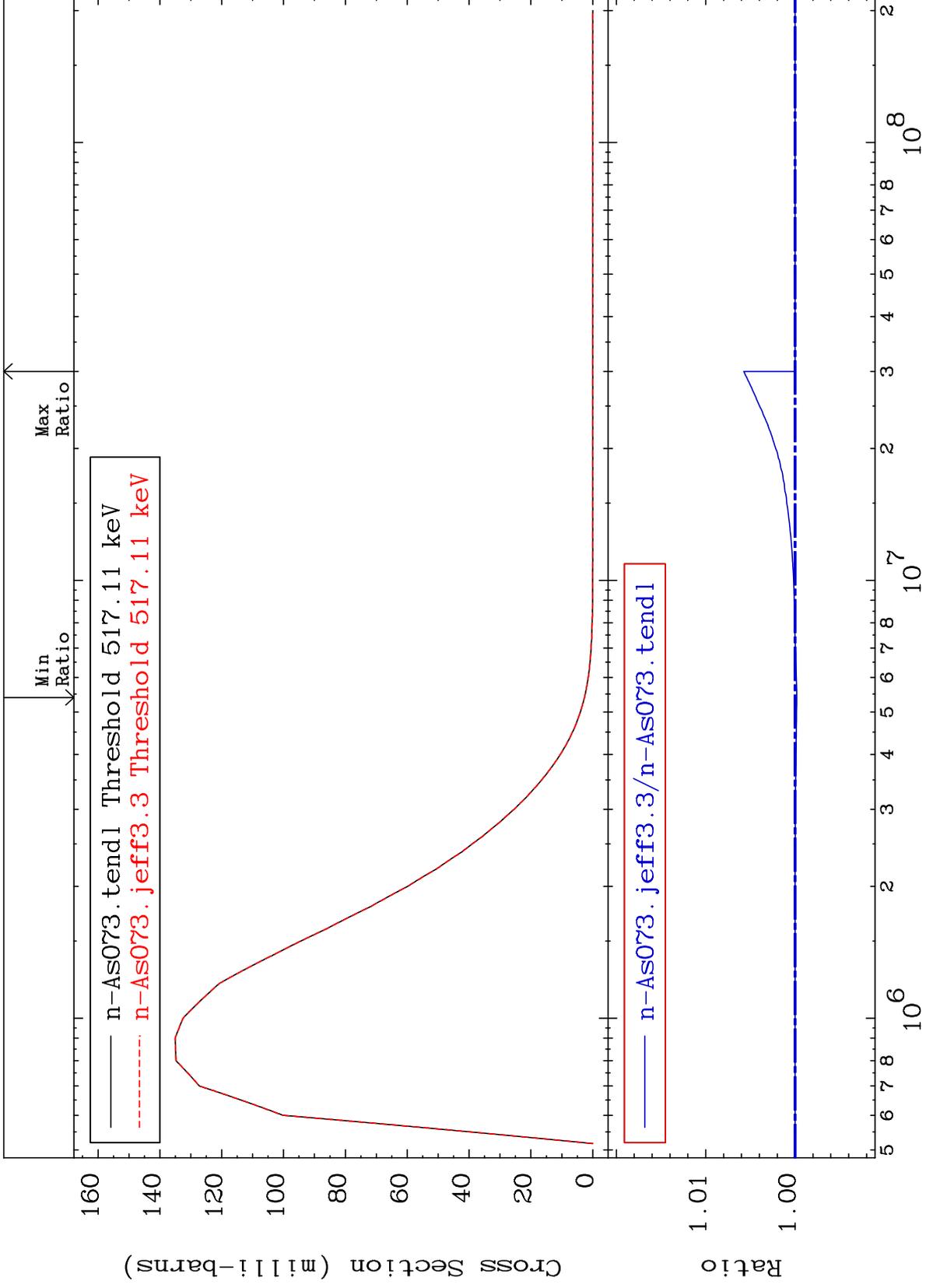
33-As-73
-0.017 To 0.577 %



MAT 3319

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

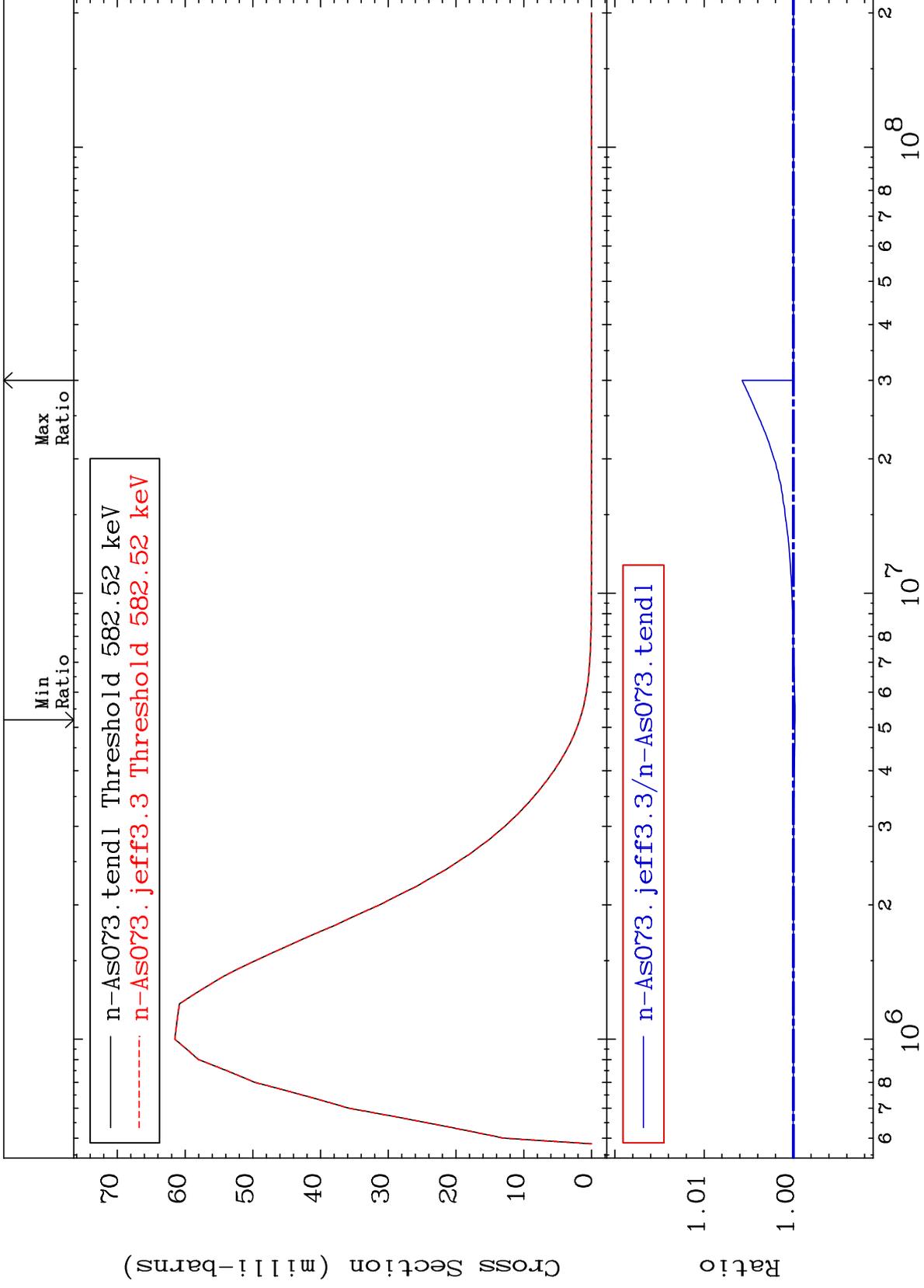
33-As-73
-0.018 To 0.576 %



MAT 3319

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

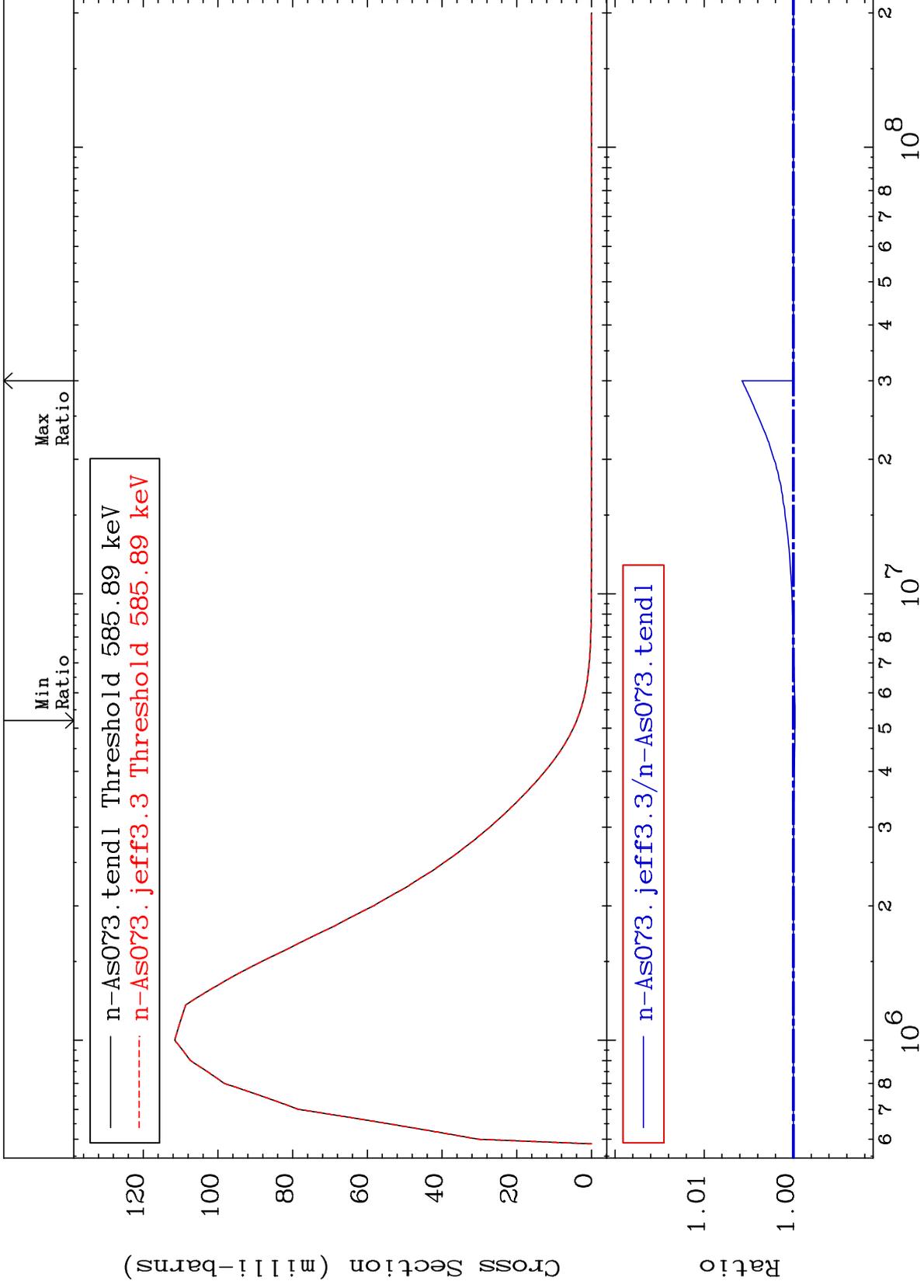
33-As-73
-0.018 To 0.575 %



MAT 3319

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

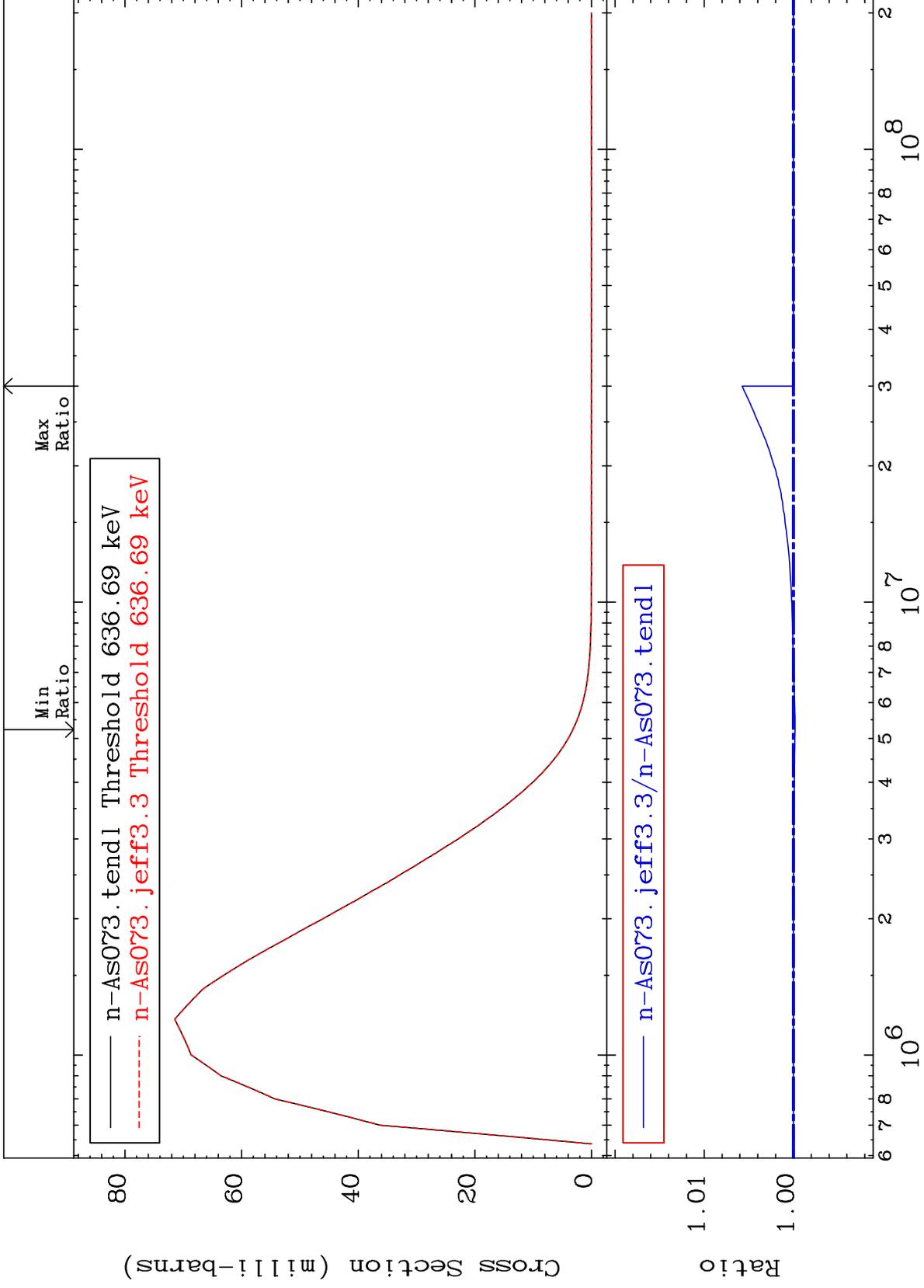
33-As-73
-0.018 To 0.576 %



MAT 3319

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

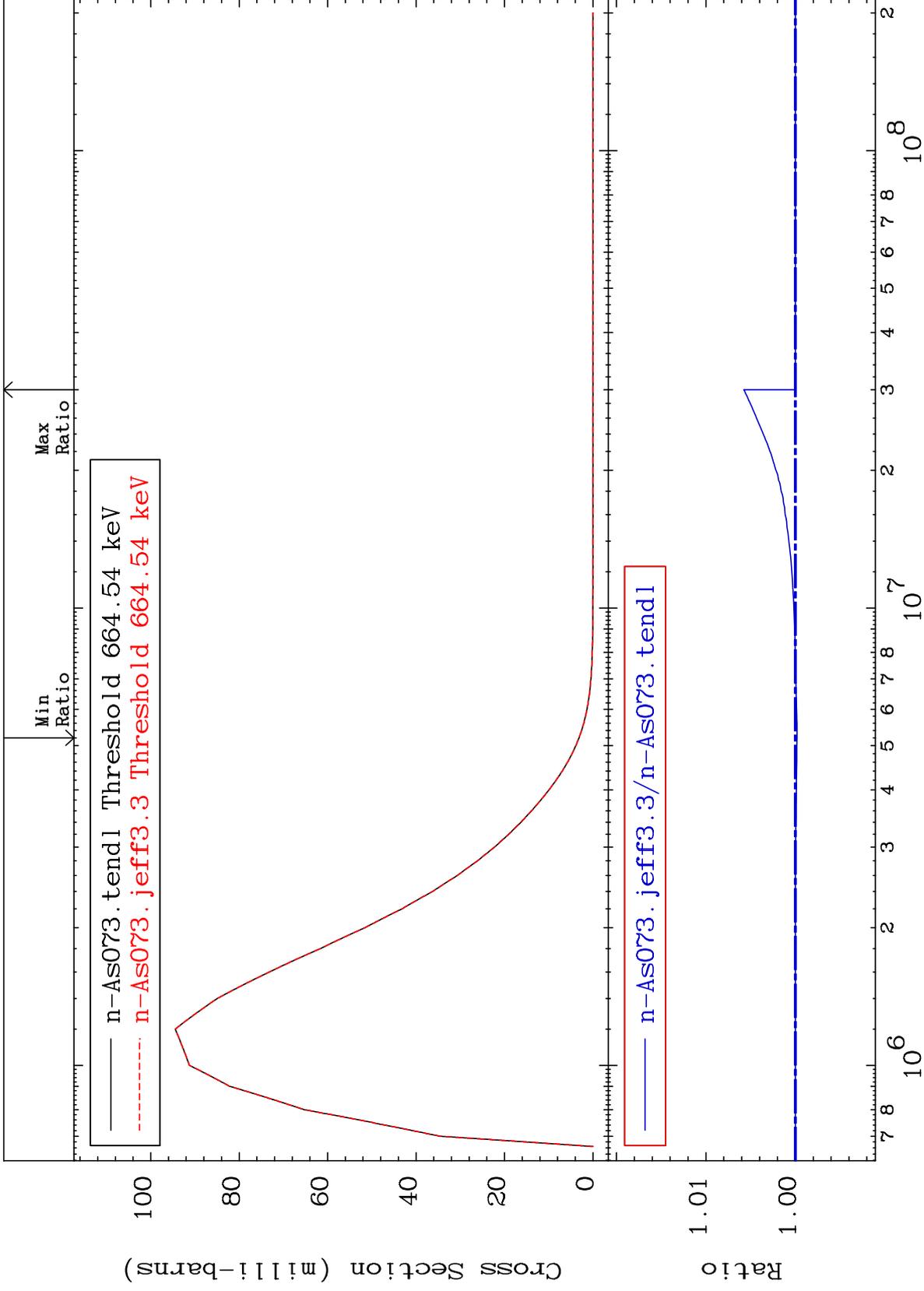
33-As-73
-0.017 To 0.576 %



MAT 3319

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

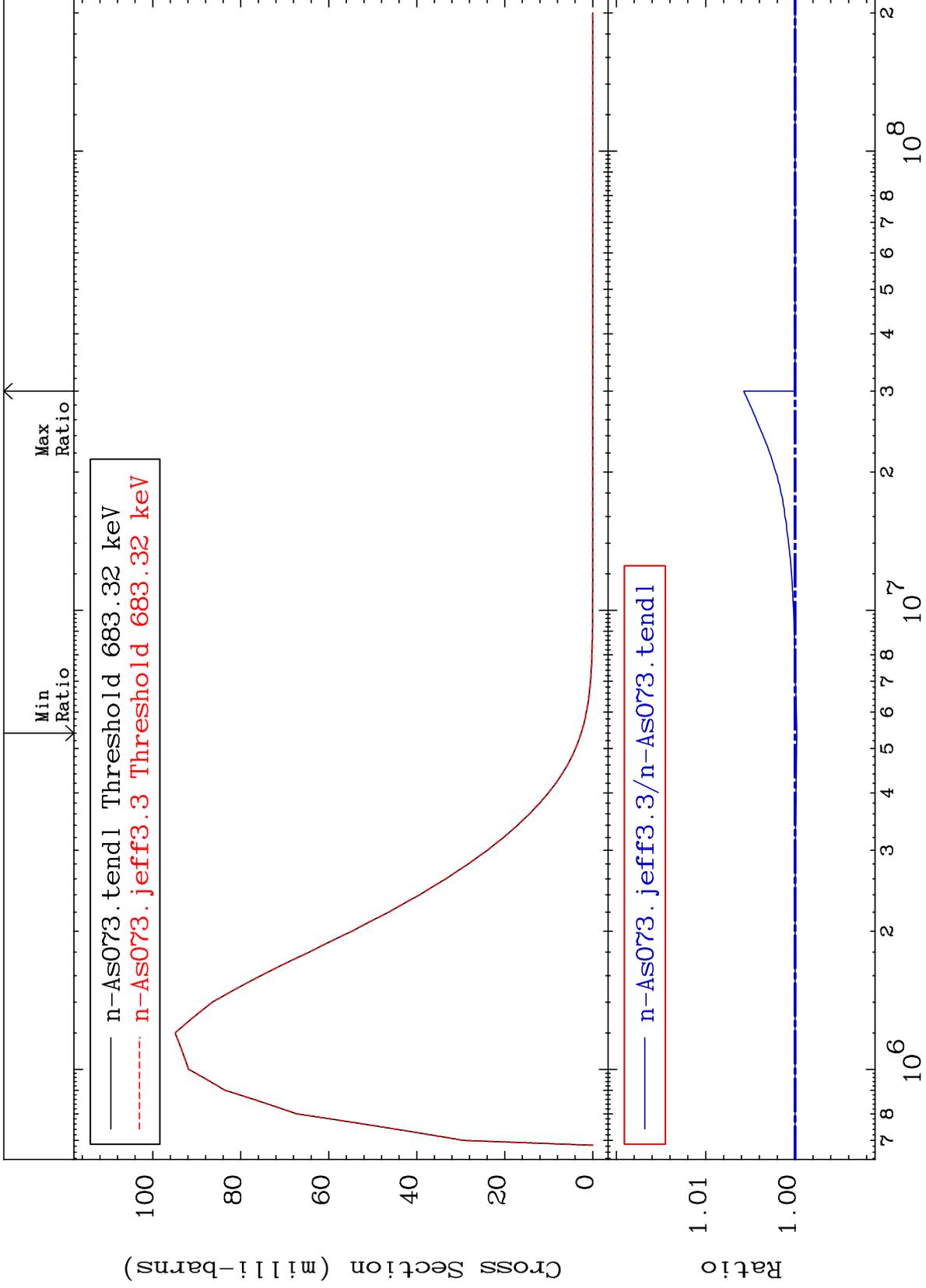
33-As-73
-0.018 To 0.576 %



MAT 3319

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

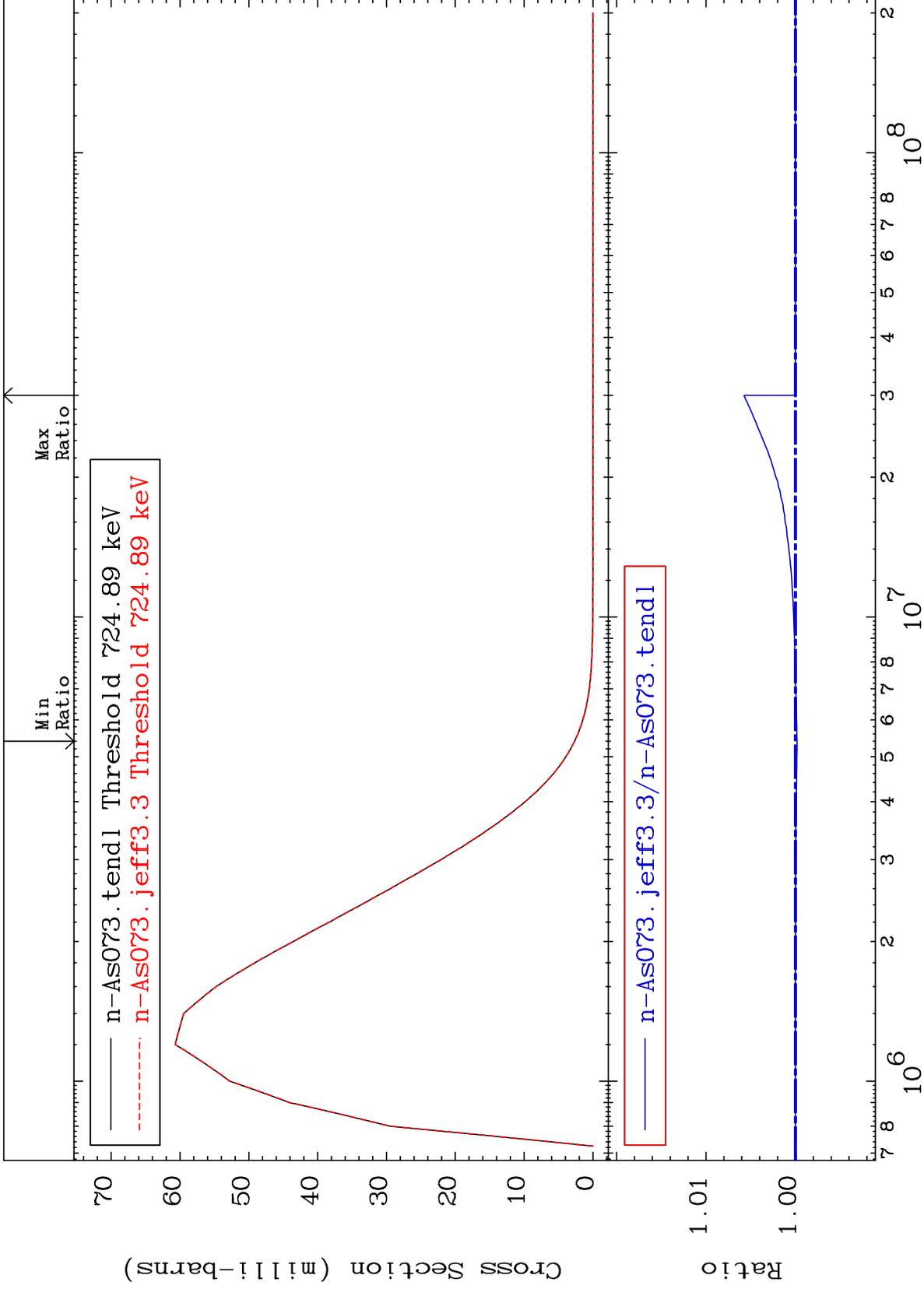
33-As-73
-0.018 To 0.576 %



MAT 3319

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

33-As-73
-0.017 To 0.576 %



30

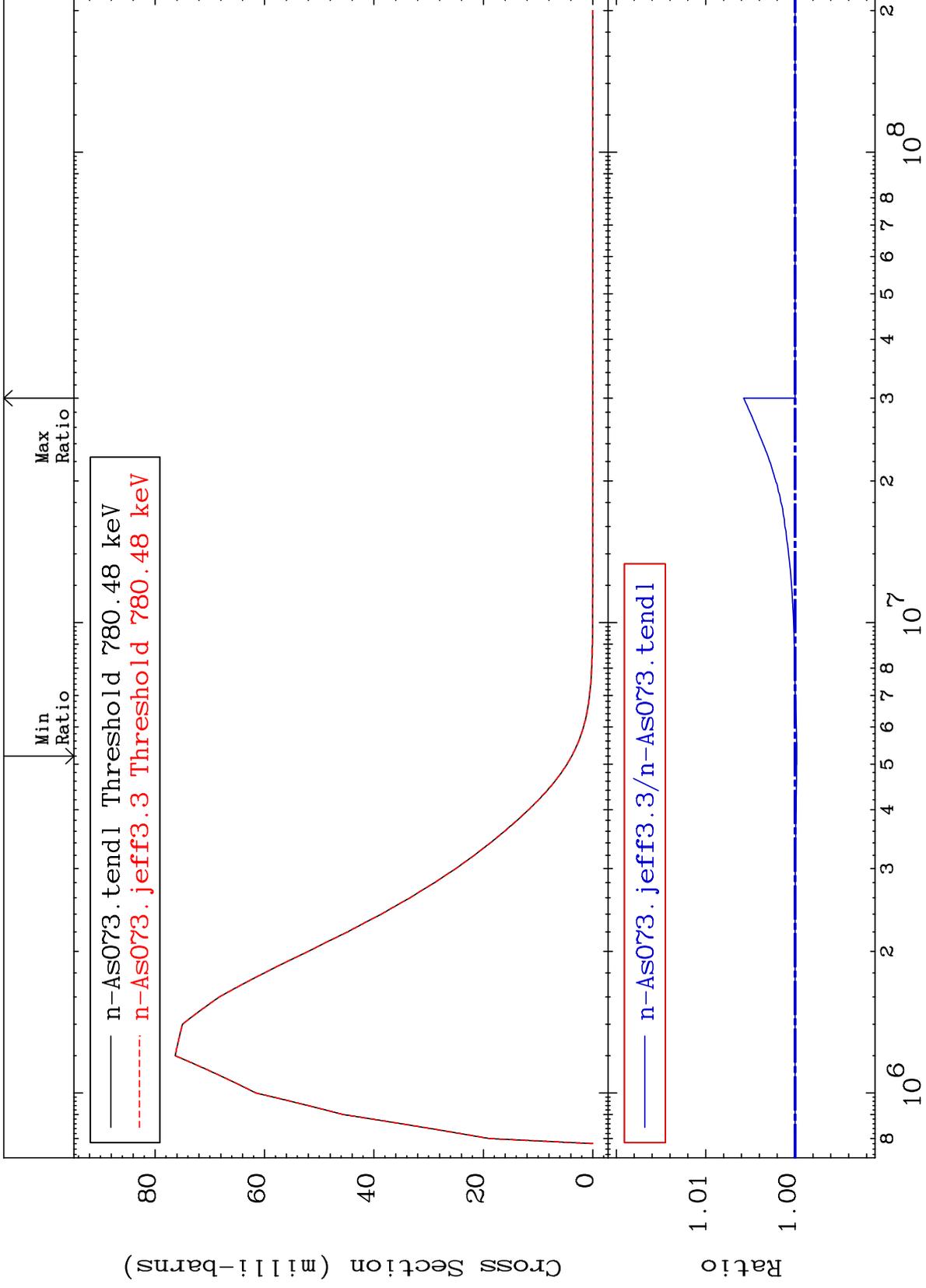
Incident Energy (eV)

33-As-73

MAT 3319

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

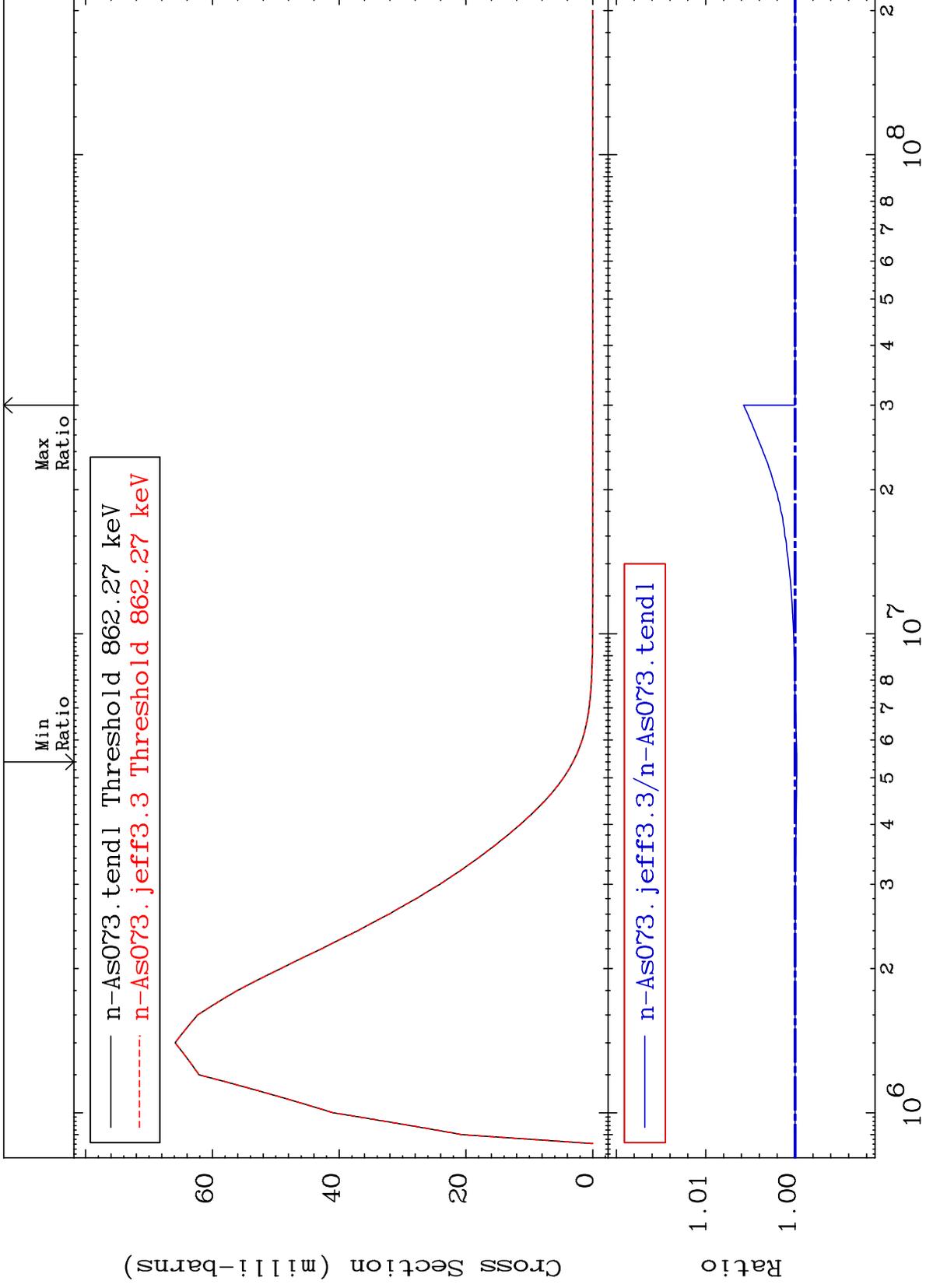
33-As-73
-0.018 To 0.576 %



MAT 3319

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

33-As-73
-0.018 To 0.576 %



32

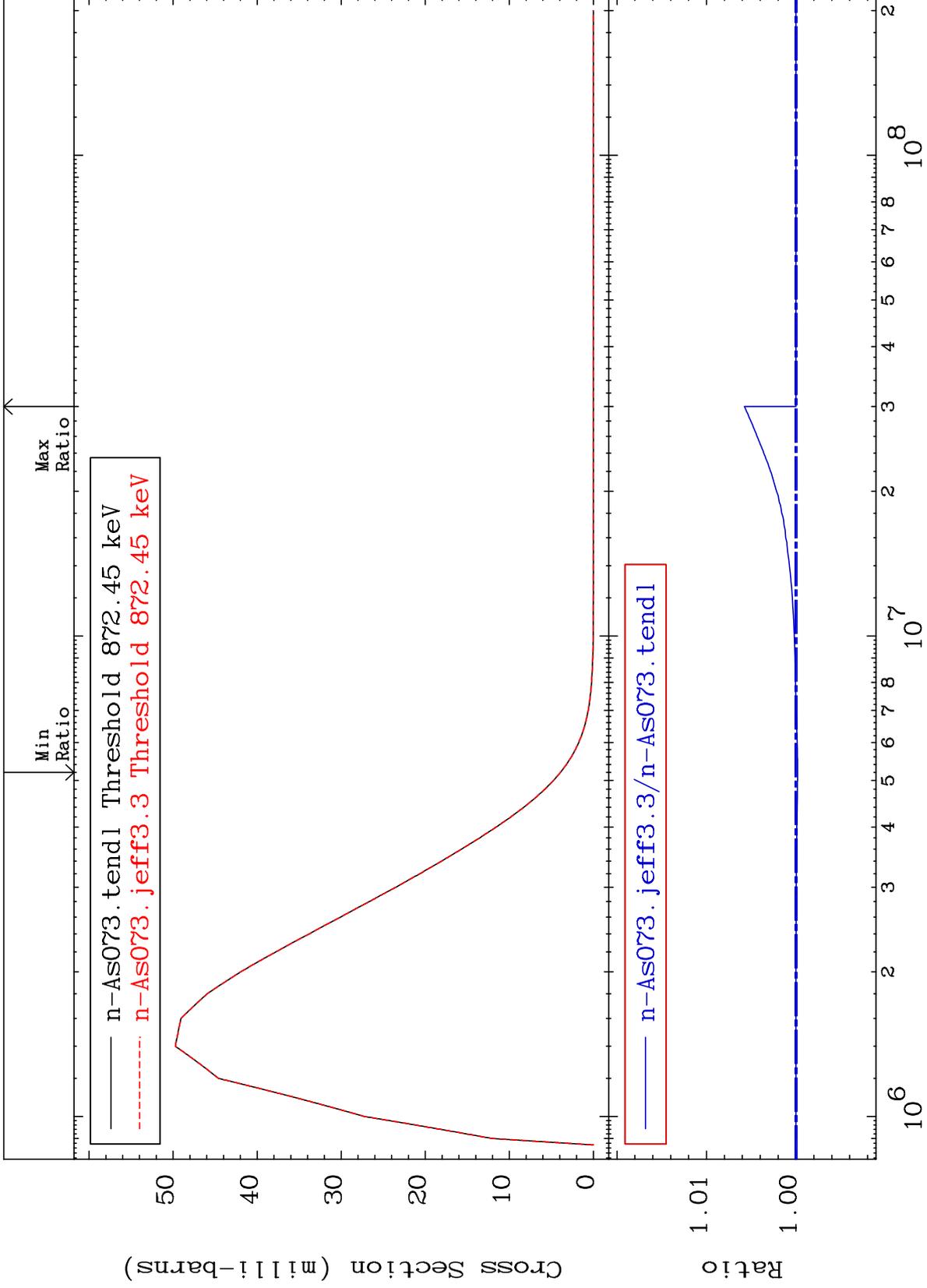
Incident Energy (eV)

33-As-73

MAT 3319

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

33-As-73
-0.018 To 0.576 %



33

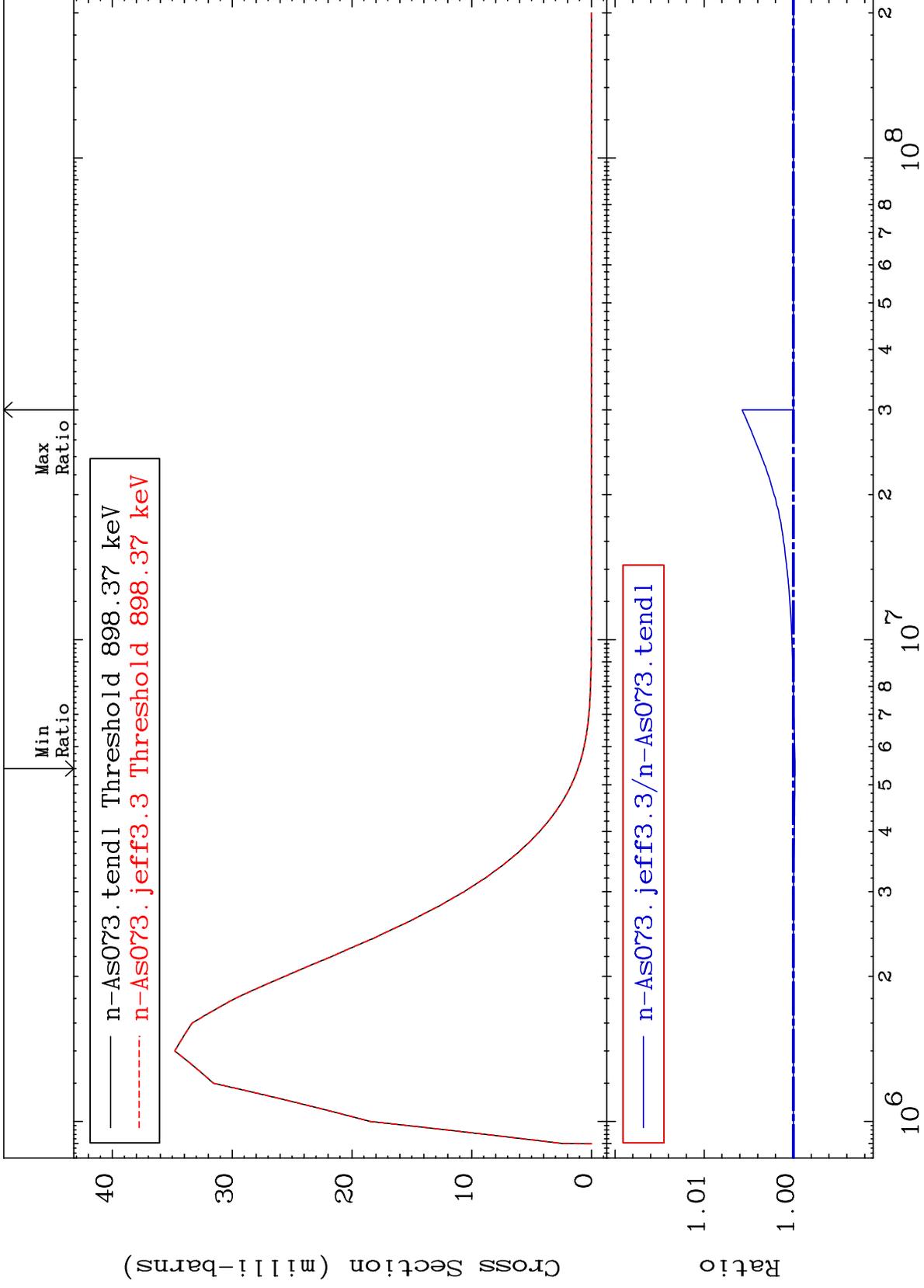
Incident Energy (eV)

33-As-73

MAT 3319

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

33-As-73
-0.018 To 0.575 %



34

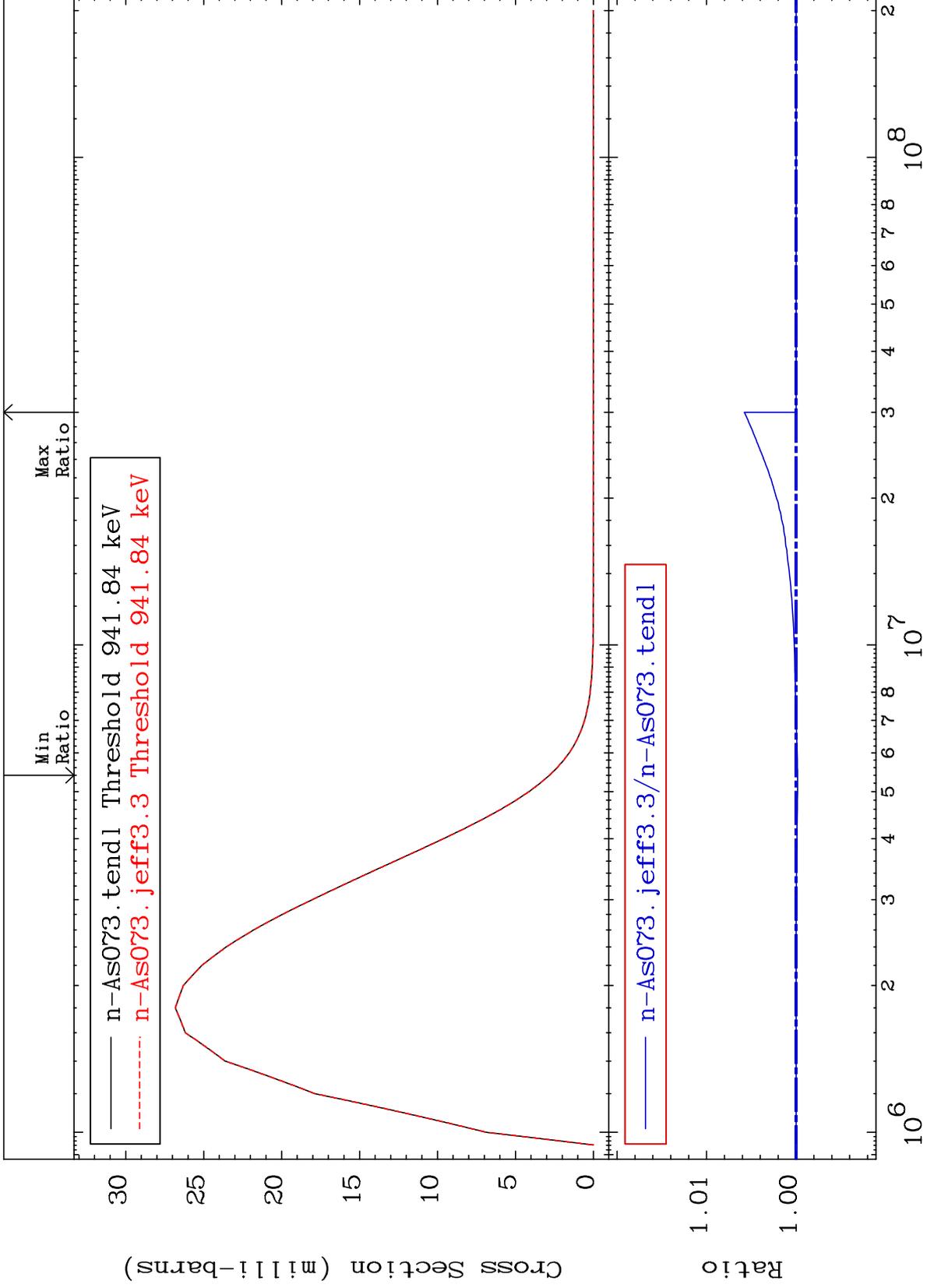
Incident Energy (eV)

33-As-73

MAT 3319

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

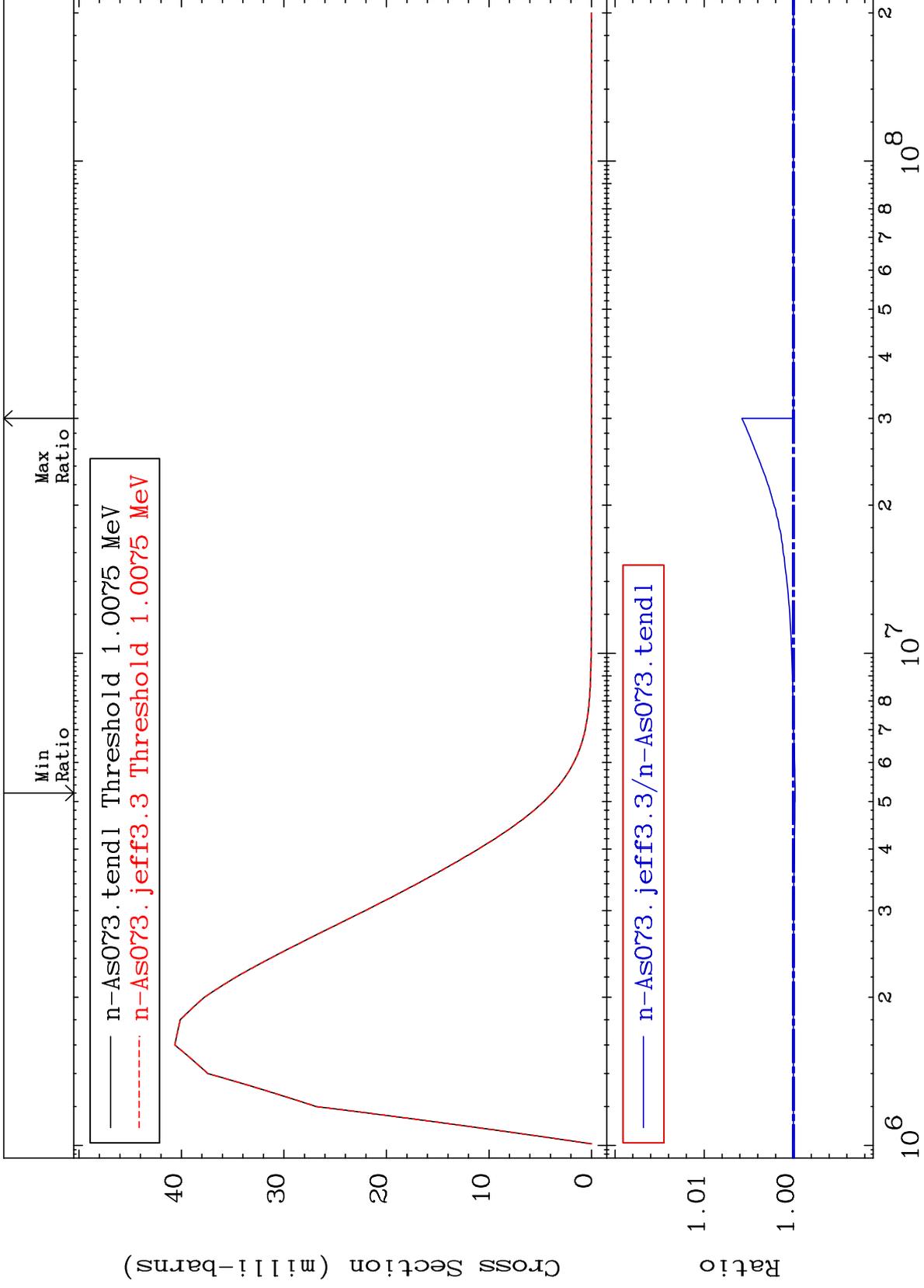
33-As-73
-0.017 To 0.577 %



MAT 3319

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

33-As-73
-0.018 To 0.576 %



36

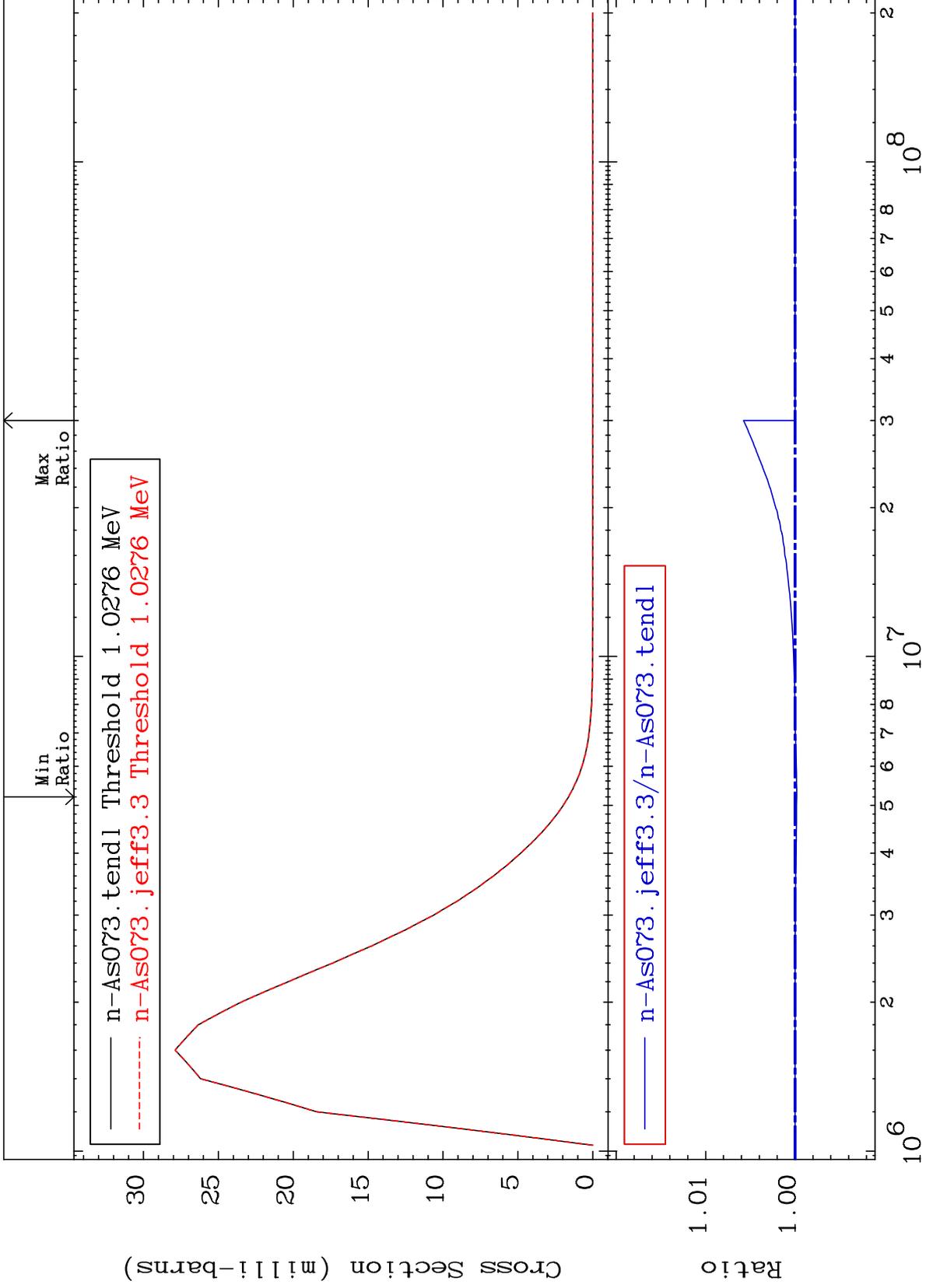
Incident Energy (eV)

33-As-73

MAT 3319

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

33-As-73
-0.019 To 0.575 %



37

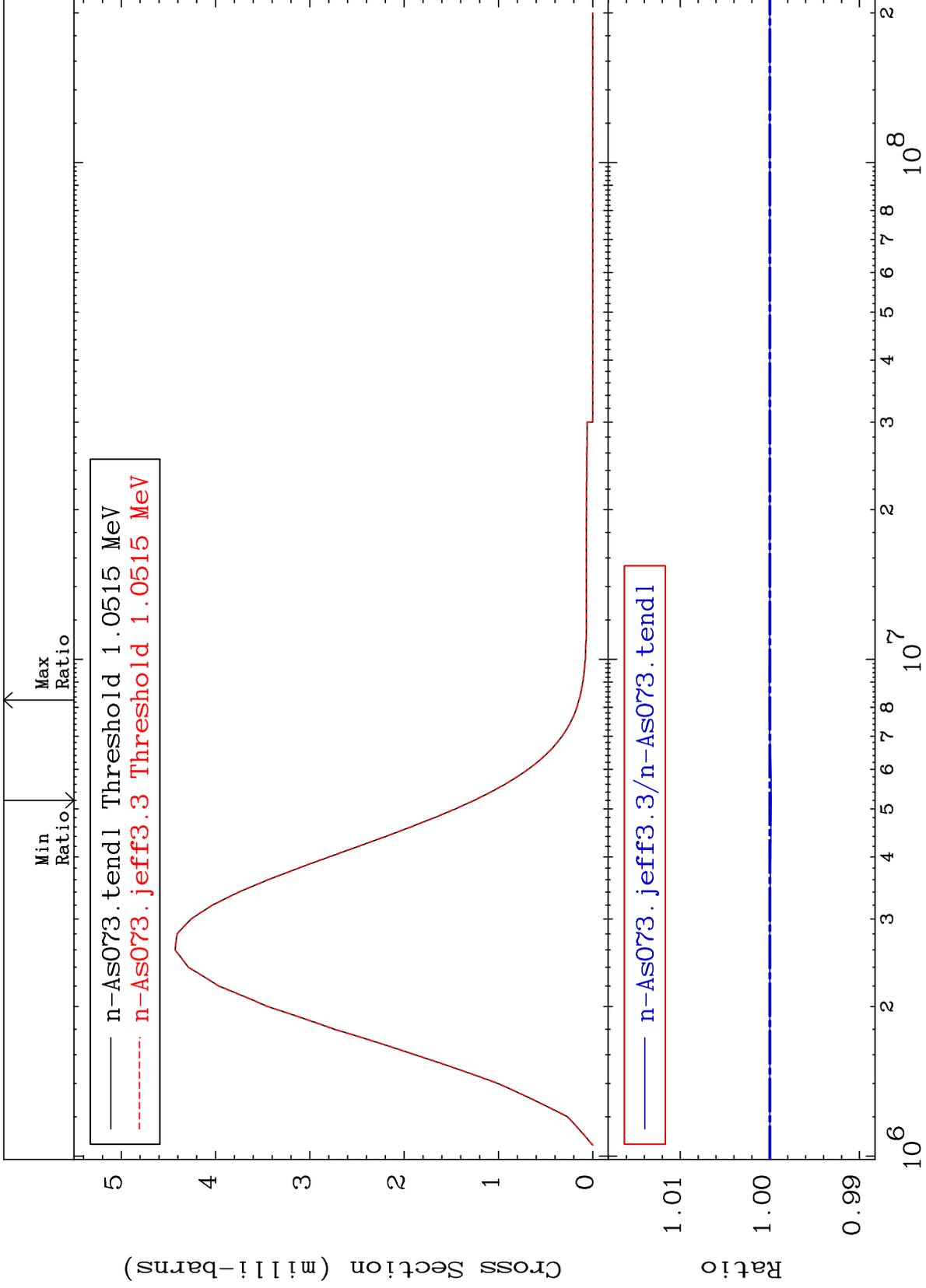
Incident Energy (eV)

33-As-73

MAT 3319

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

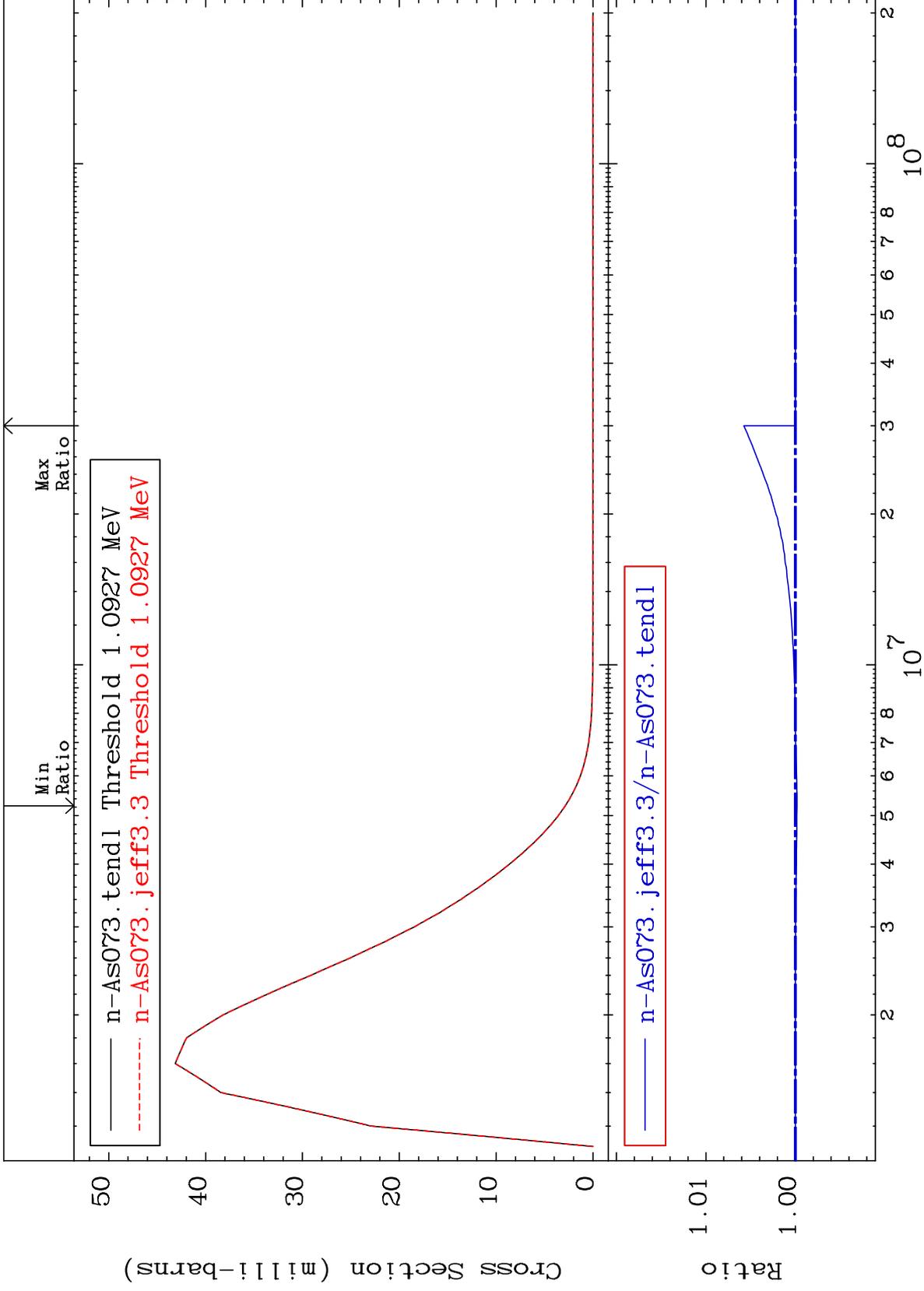
33-As-73
-0.015 To 0.008 %



38

Incident Energy (eV)

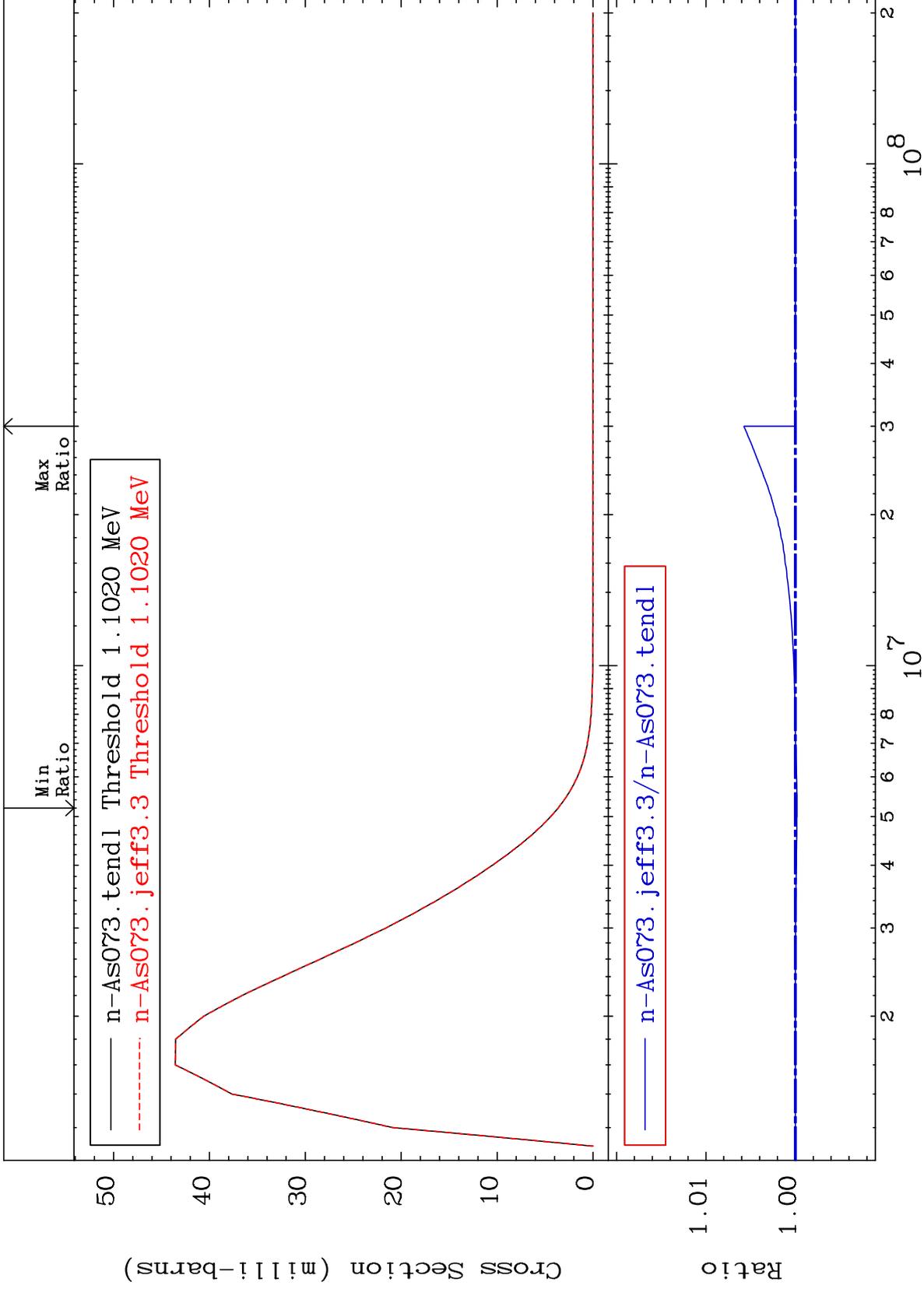
33-As-73



MAT 3319

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

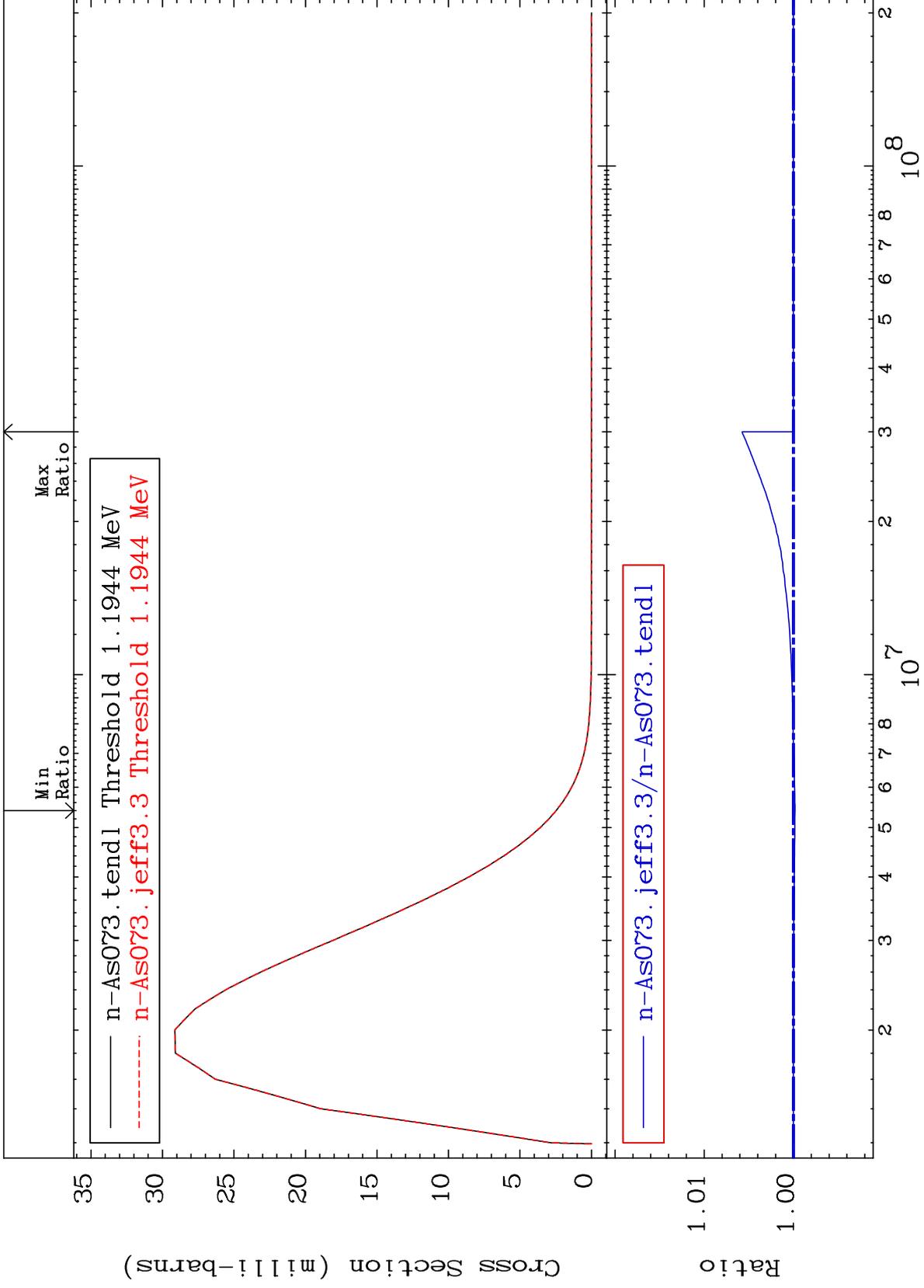
33-As-73
-0.018 To 0.576 %



MAT 3319

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

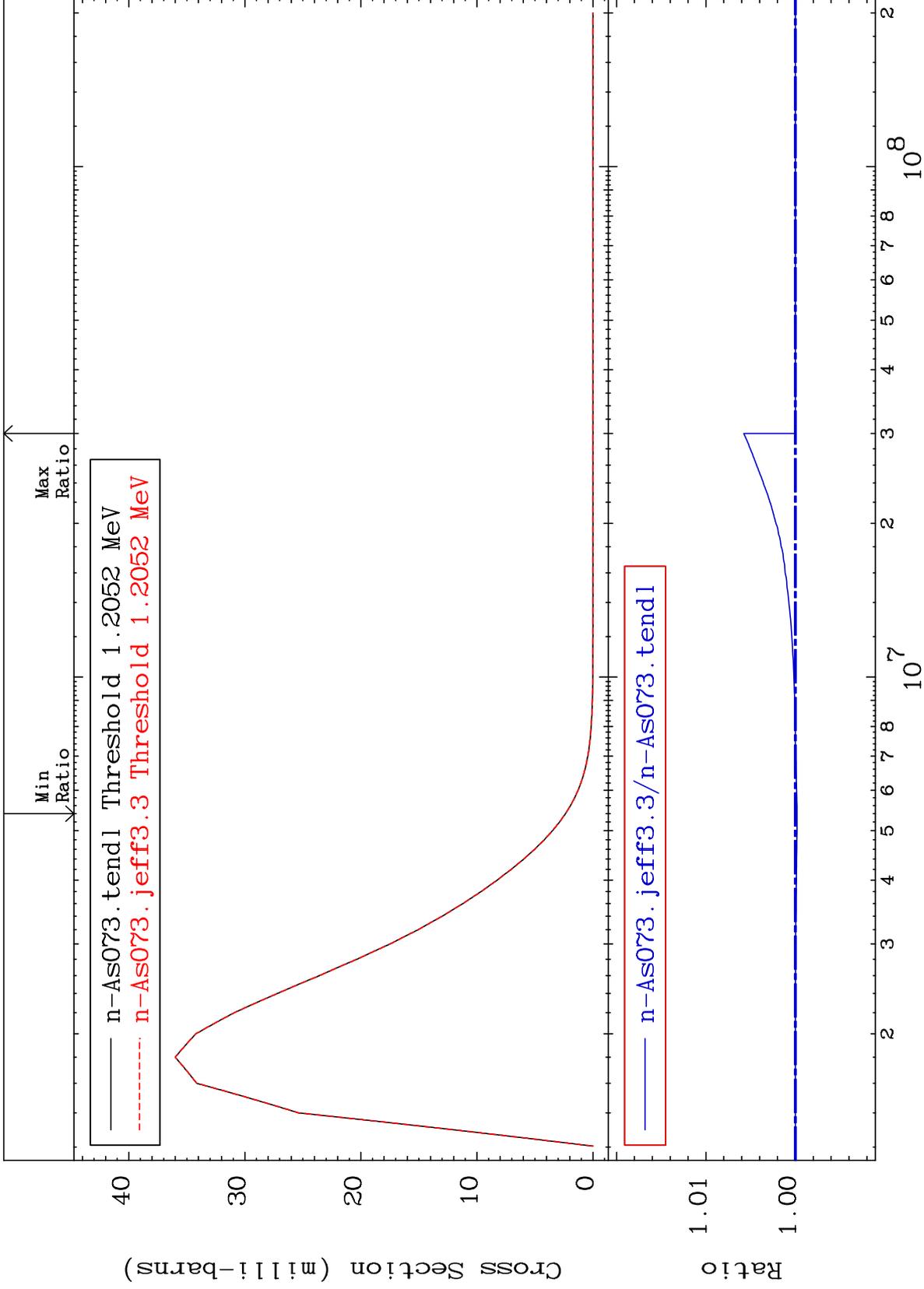
33-As-73
-0.017 To 0.576 %



MAT 3319

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

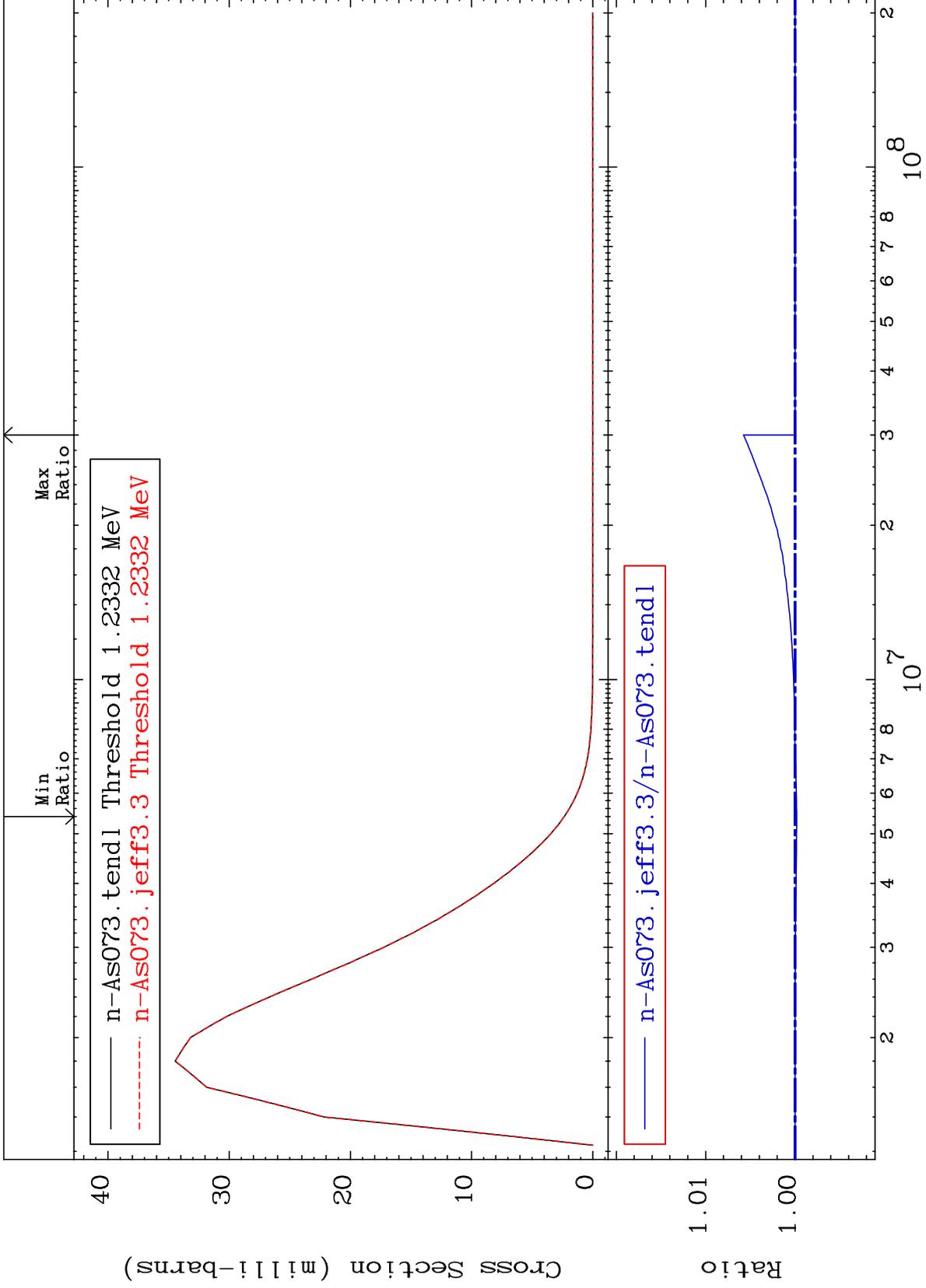
33-As-73
-0.018 To 0.576 %



MAT 3319

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

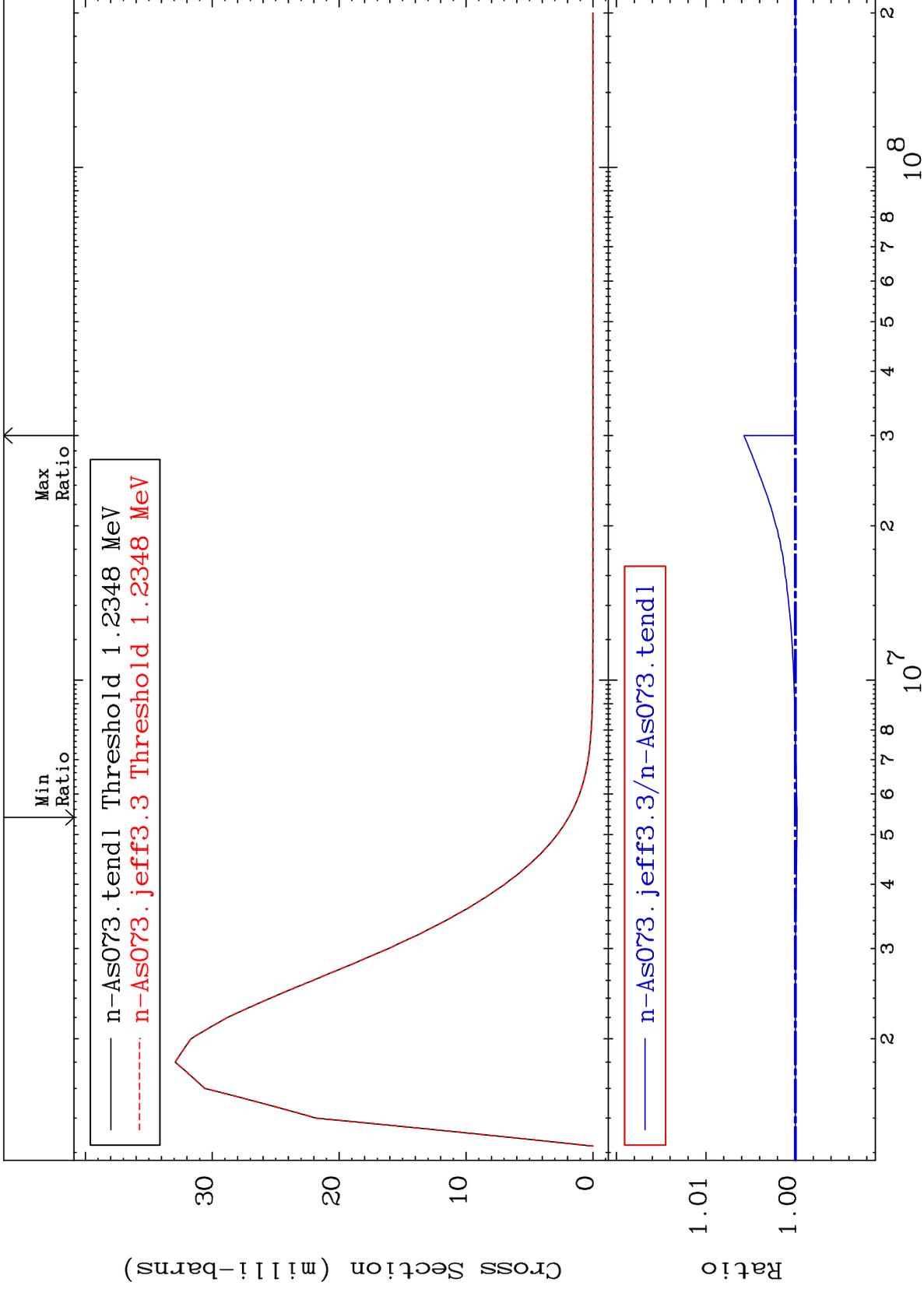
33-As-73
-0.018 To 0.576 %



MAT 3319

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

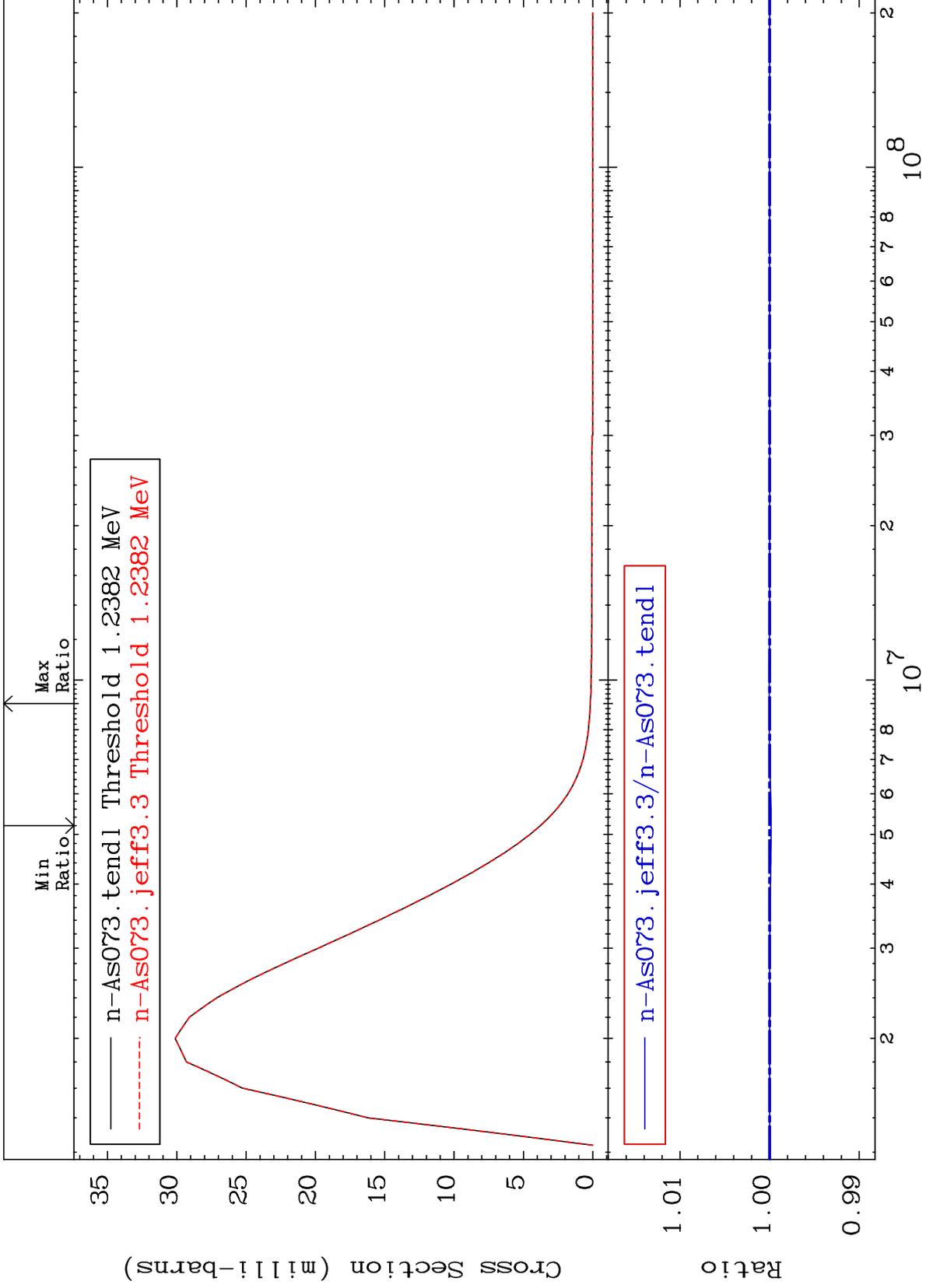
33-As-73
-0.018 To 0.575 %

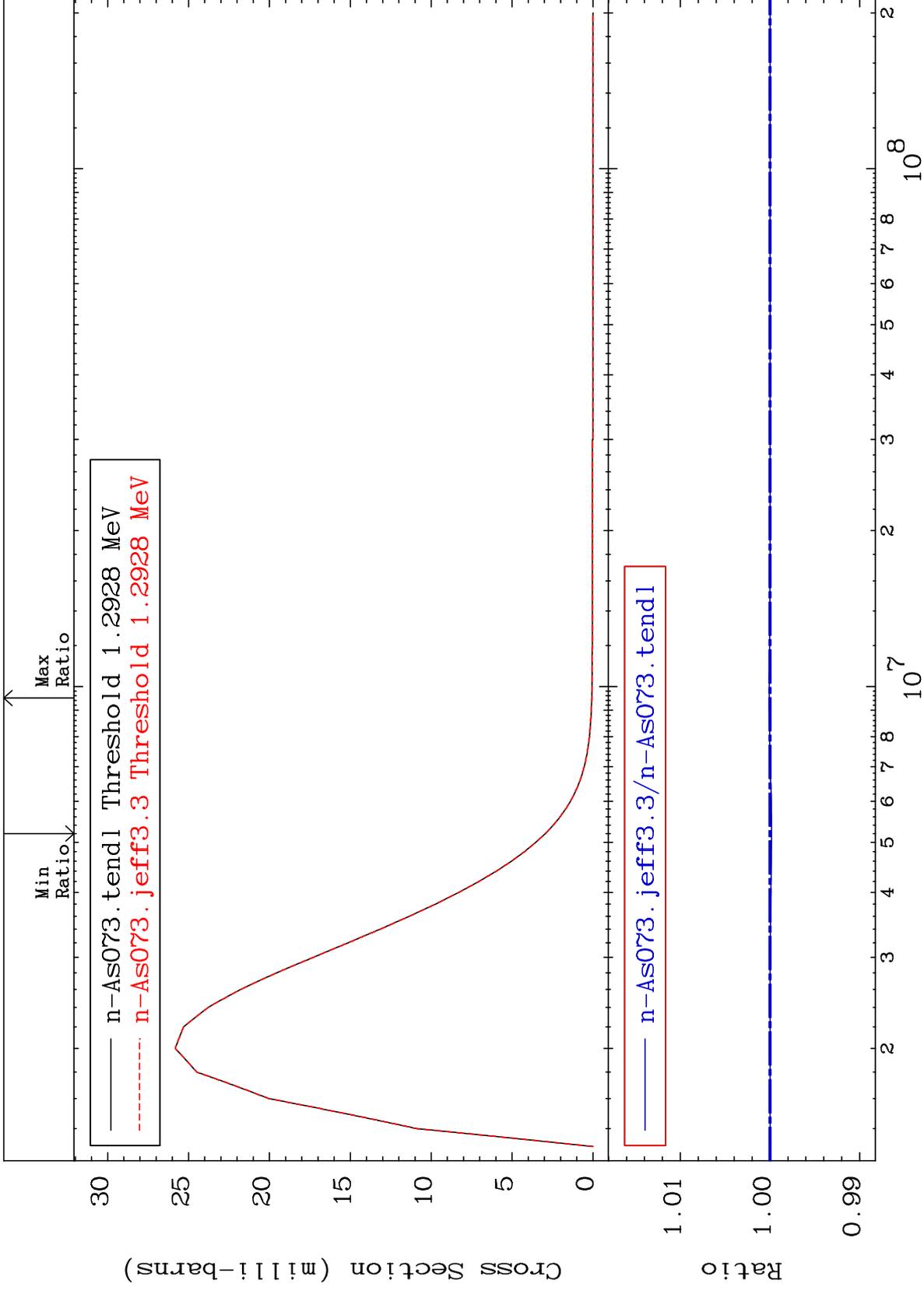


MAT 3319

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

33-As-73
-0.017 To 0.005 %

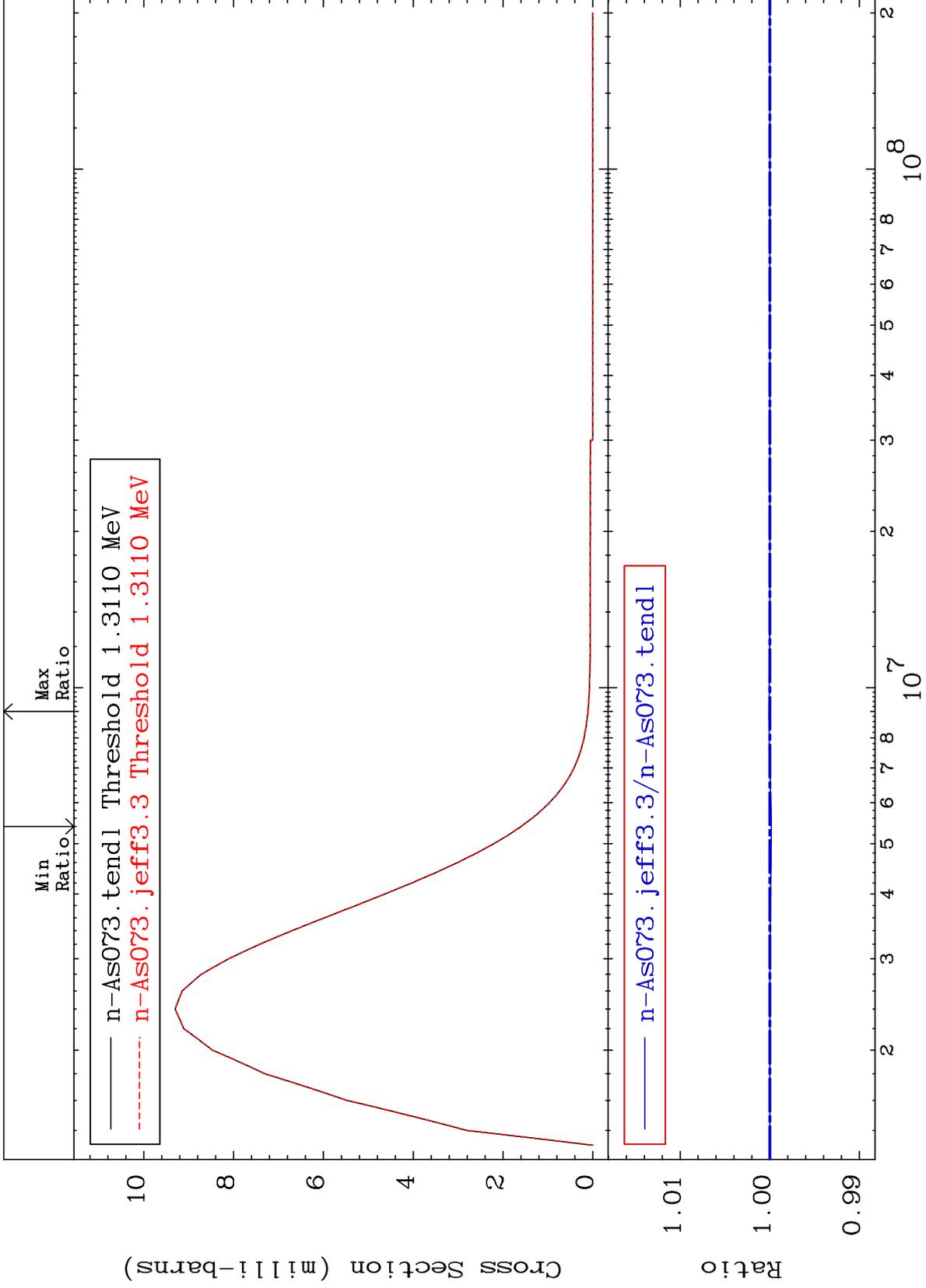




MAT 3319

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

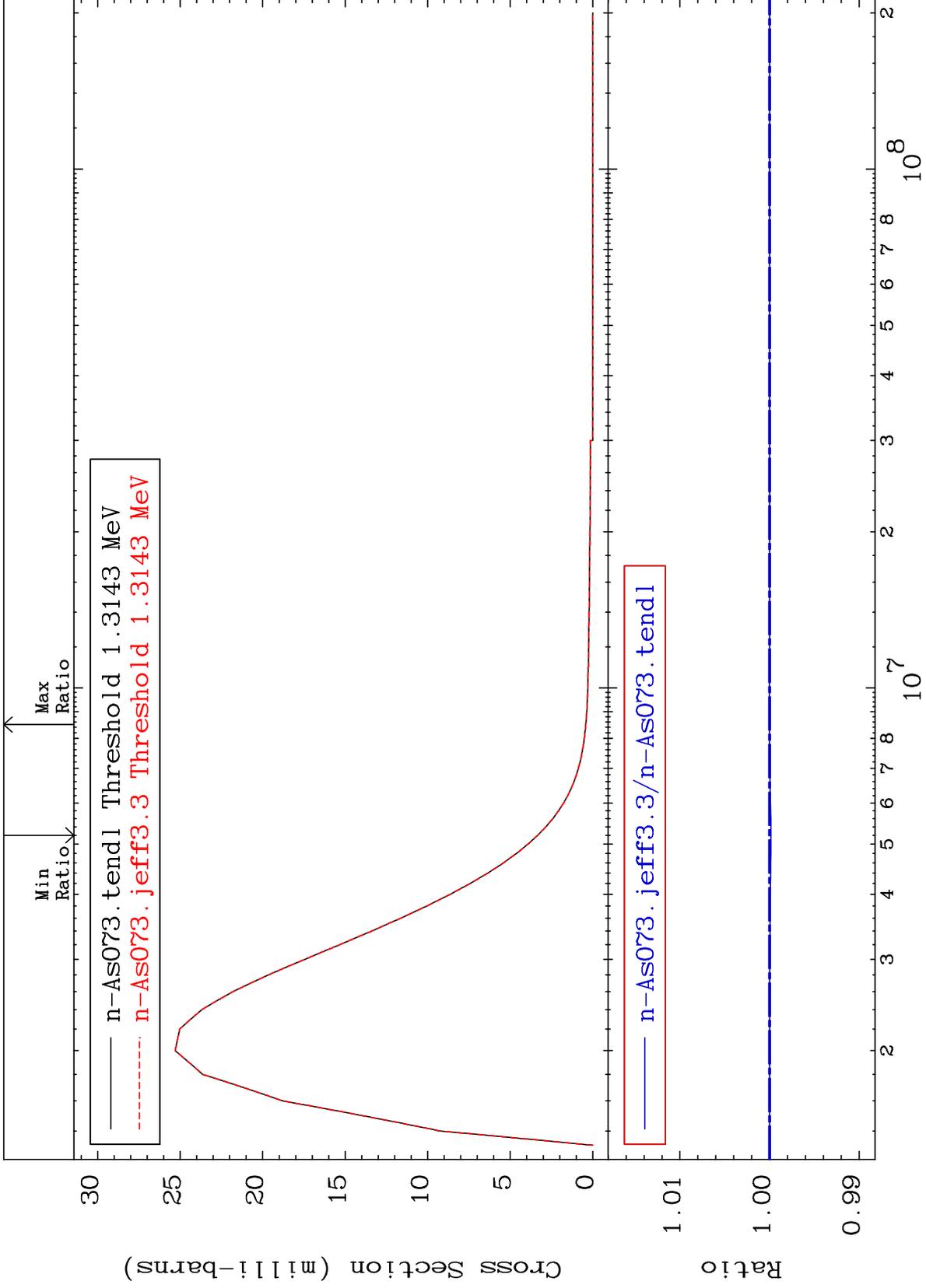
33-As-73
-0.016 To 0.008 %

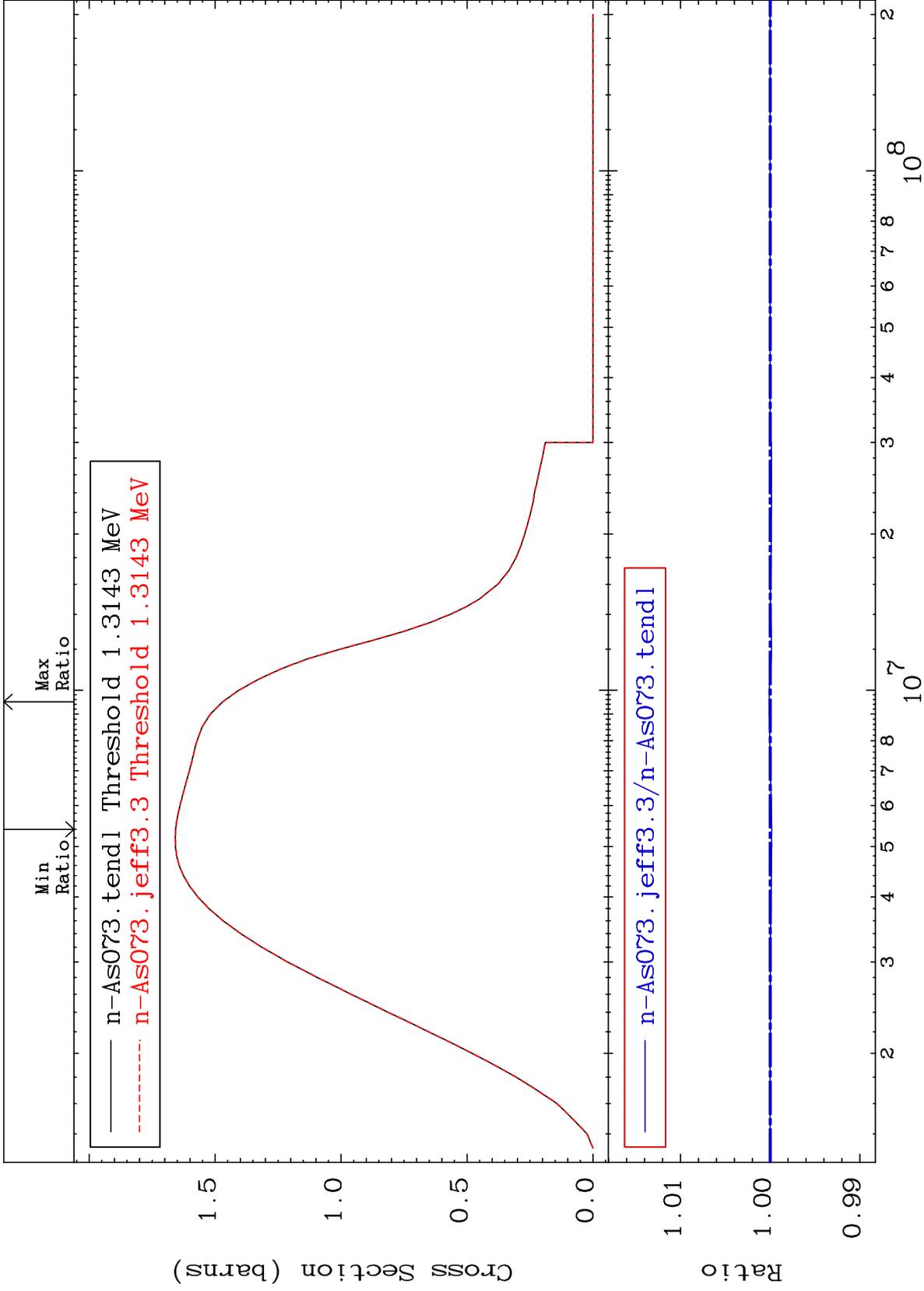


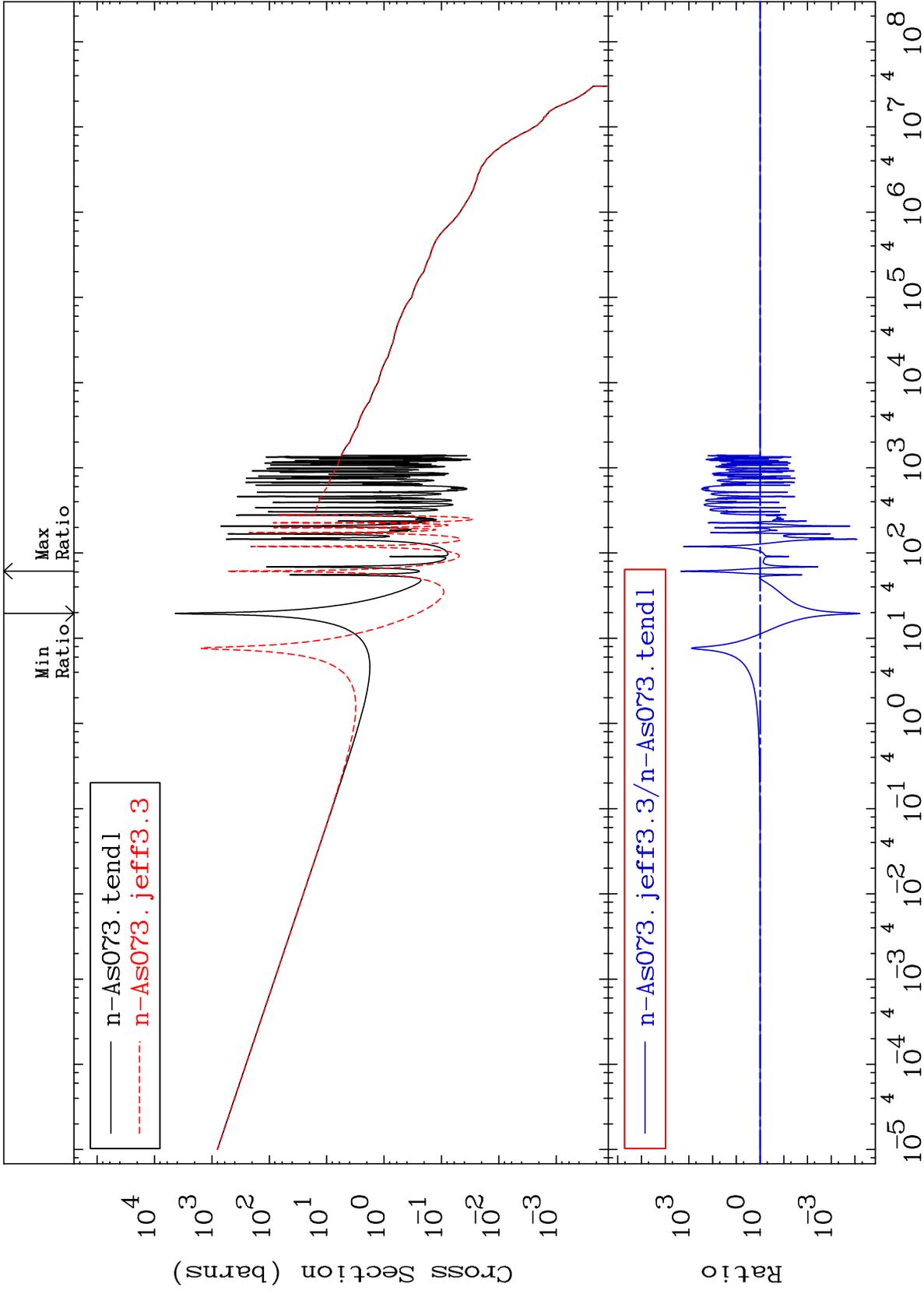
MAT 3319

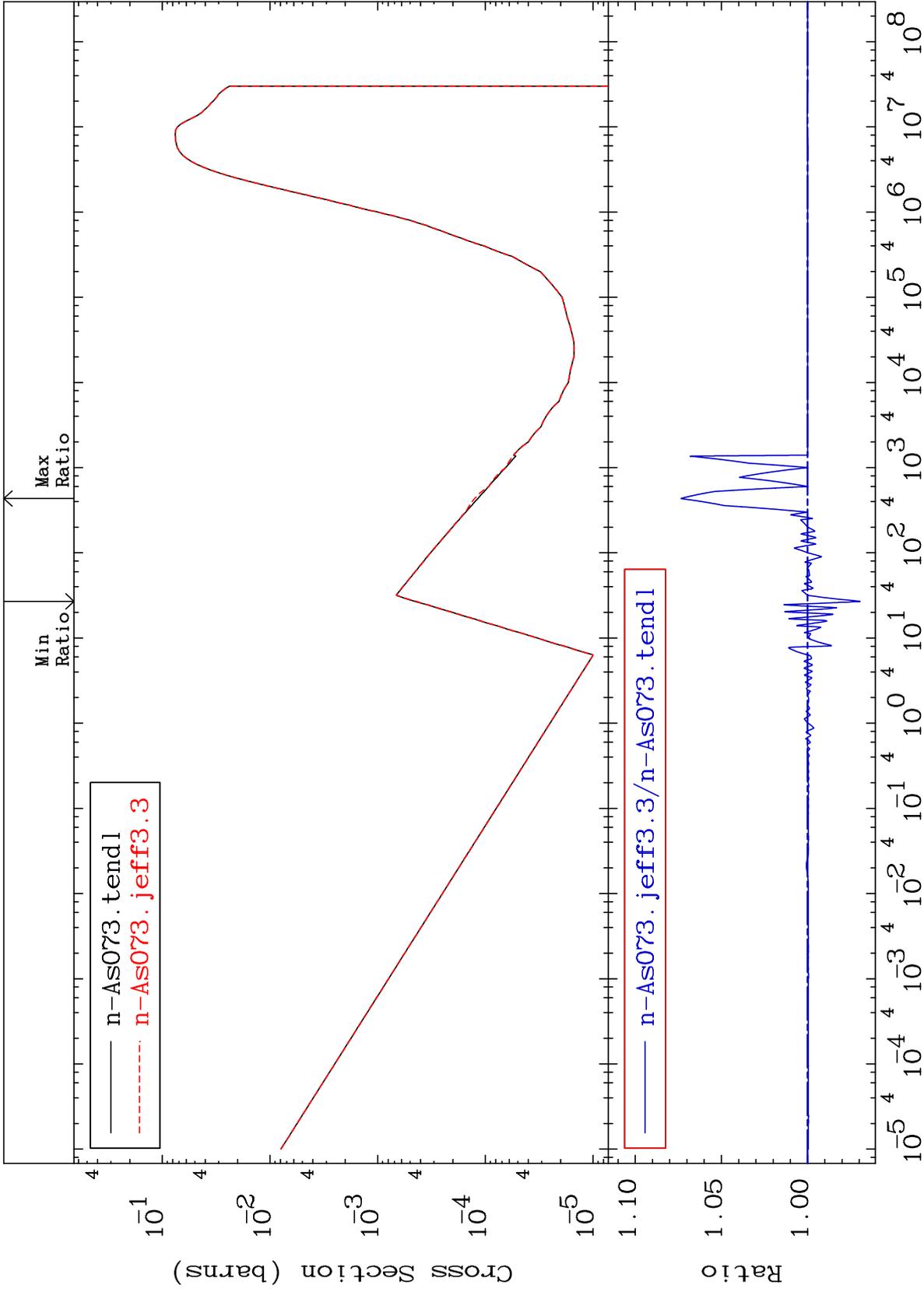
MT= 80 (n,n') Level
Cross Section

33-As-73
-0.015 To 0.002 %









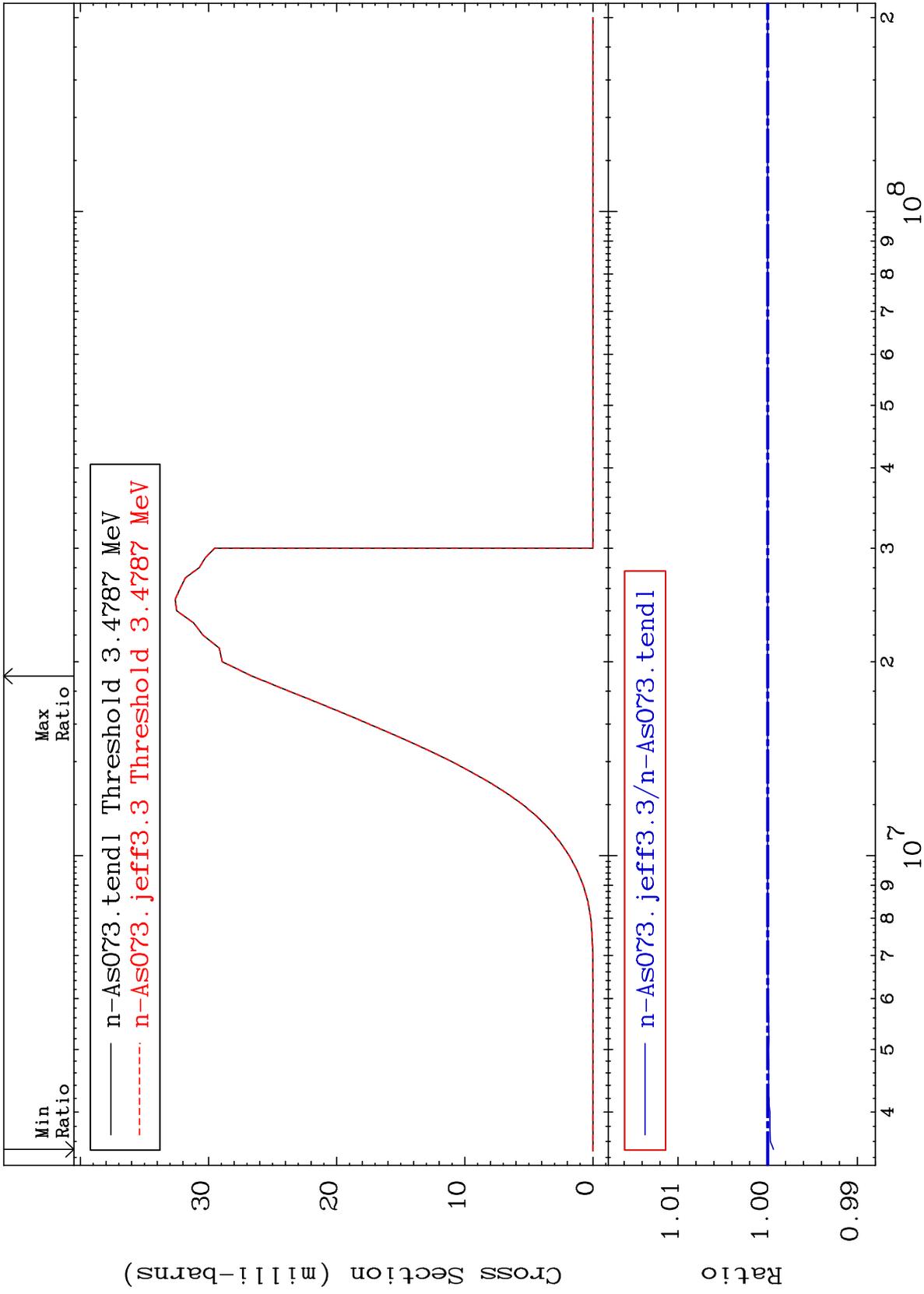
MAT 3319

(n, d)

33-As-73

Cross Section

-0.065 To 0.003 %



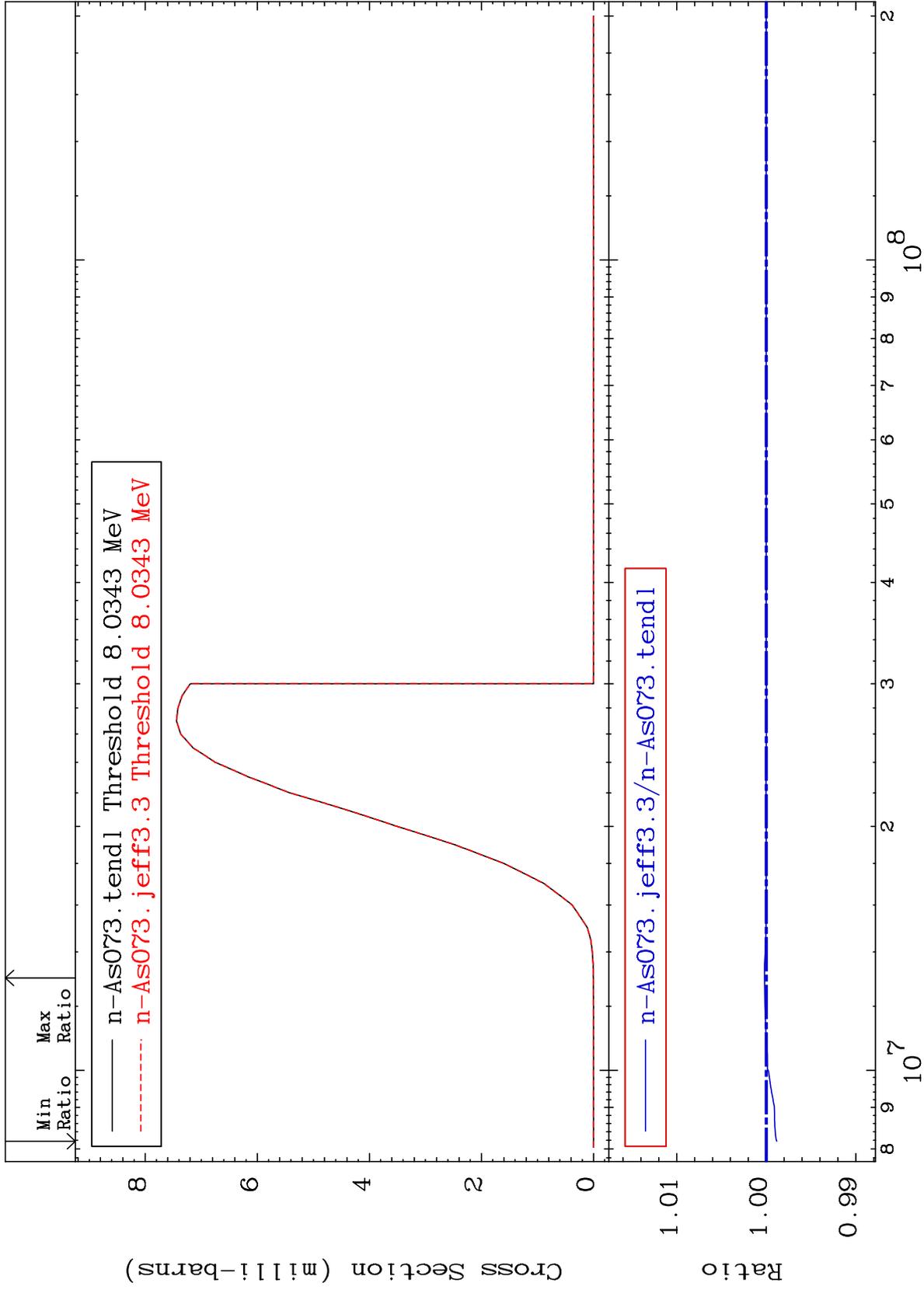
52

Incident Energy (eV)

33-As-73

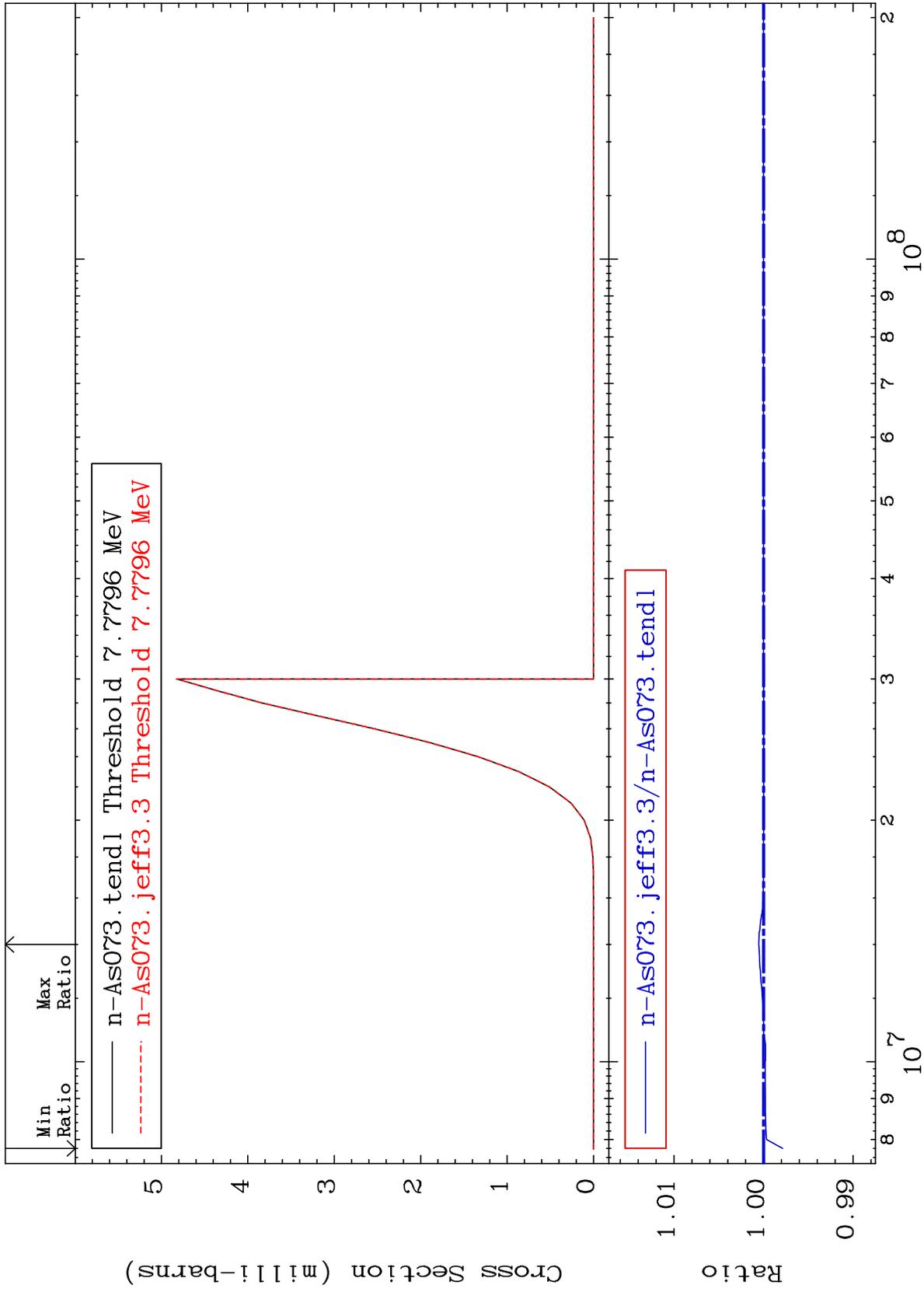
Cross Section

-0.119 To 0.020 %



Cross Section

-0.213 To 0.053 %



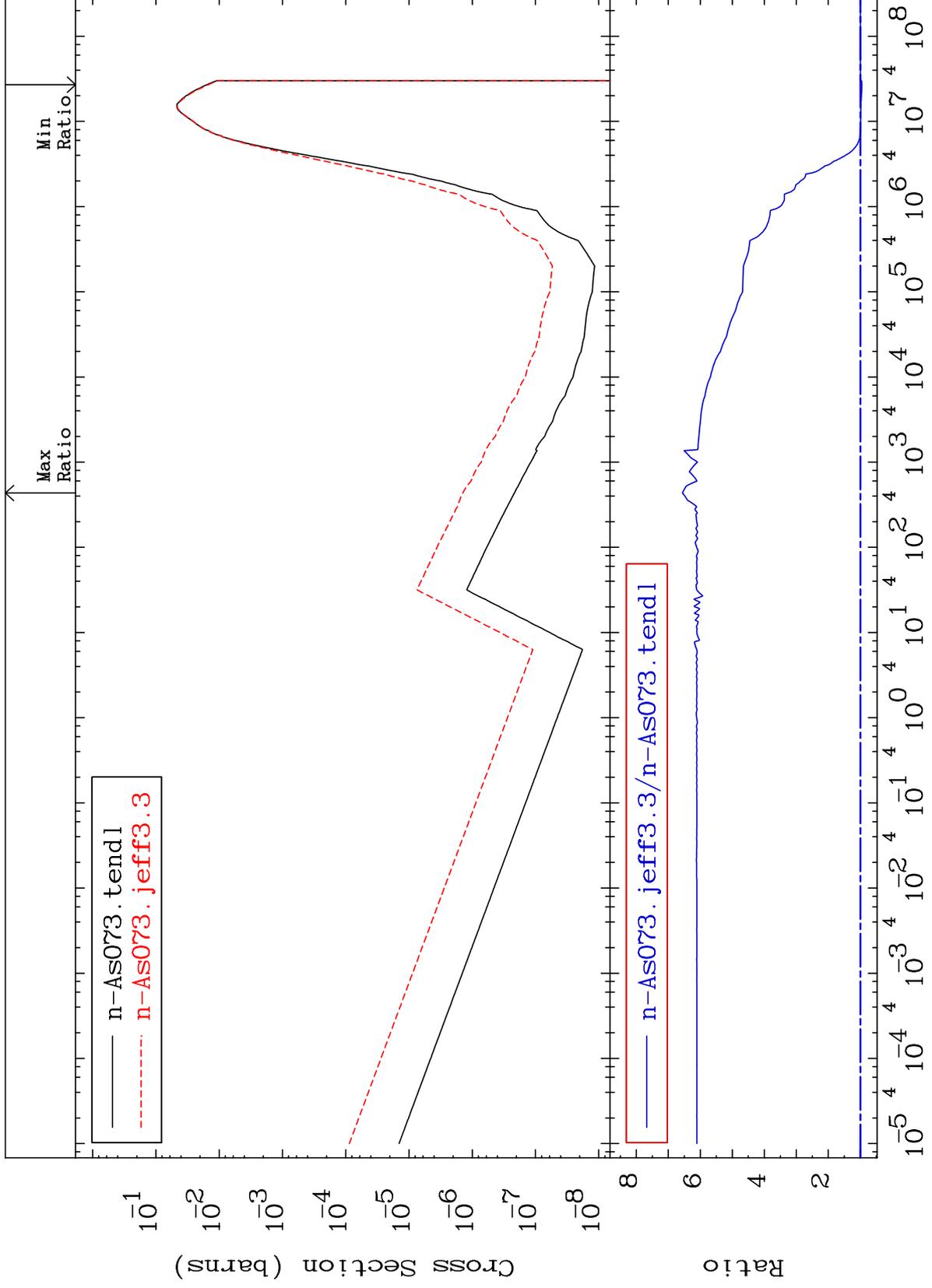
MAT 3319

(n, α)

33-As-73

Cross Section

-4.799 To 555.7 %



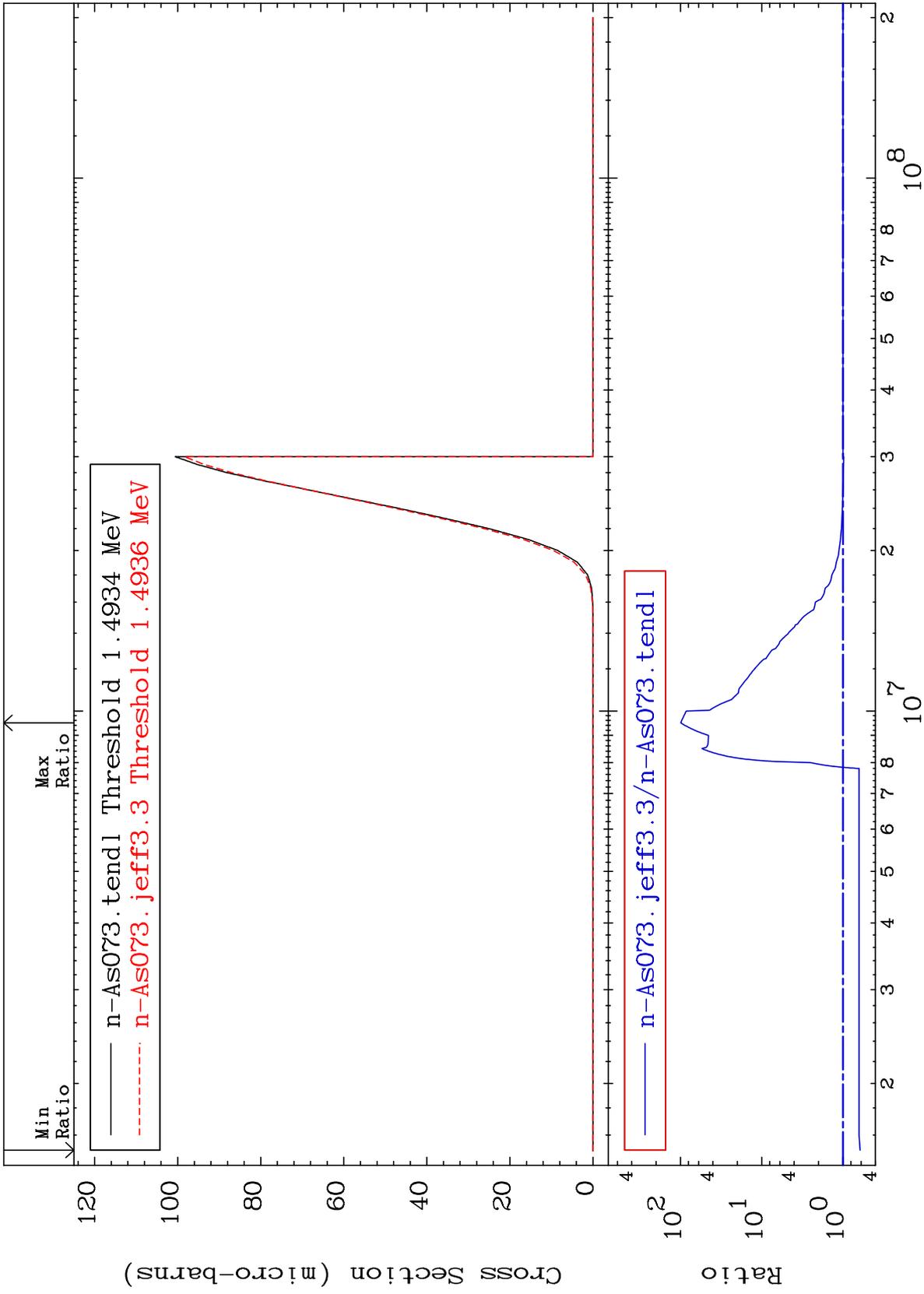
55

Incident Energy (eV)

33-As-73

Cross Section

-38.37 To 9846. %



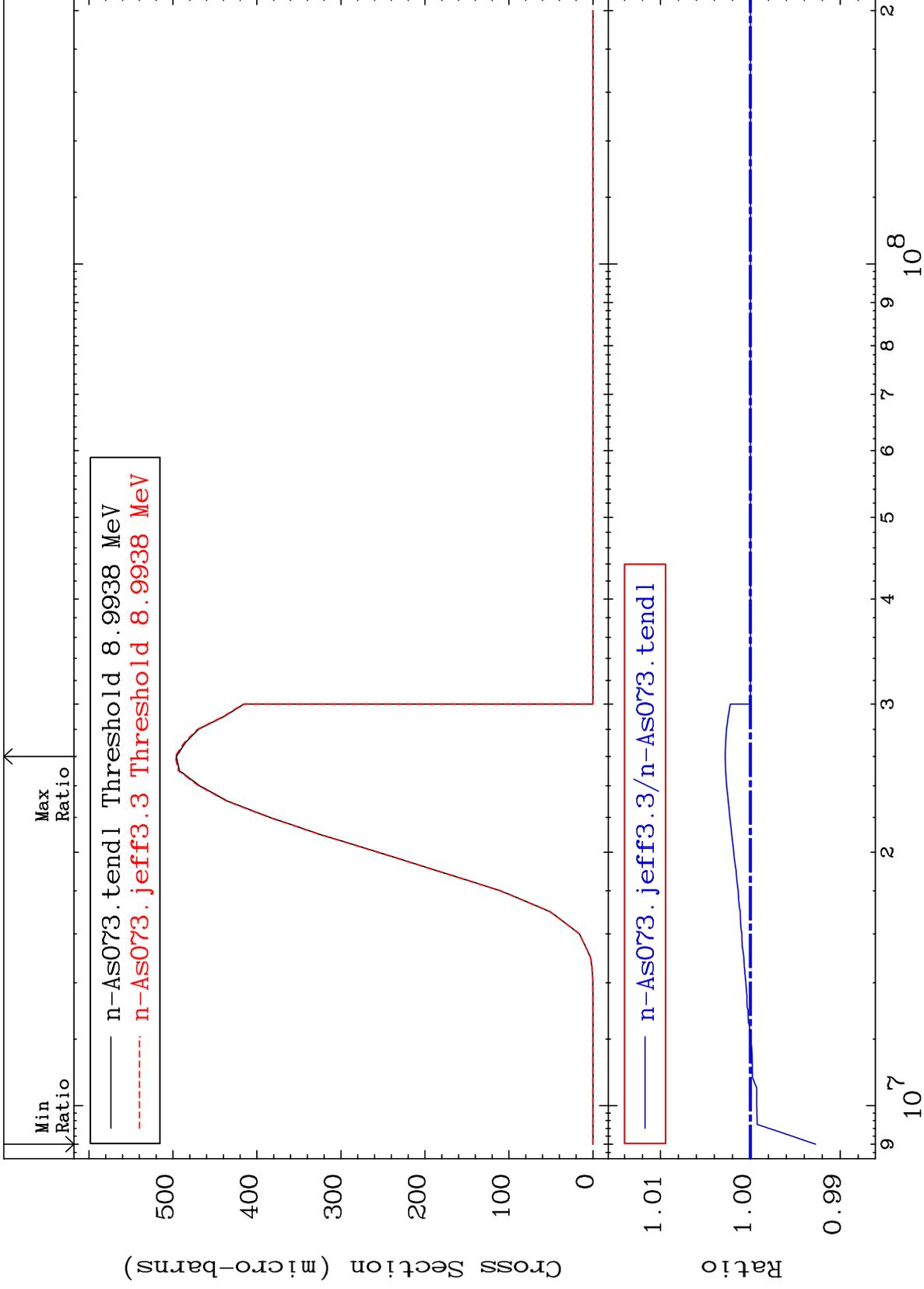
MAT 3319

(n,2p)

33-As-73

Cross Section

-0.725 To 0.279 %



Min Ratio

Max Ratio

n-As073.tendl Threshold 8.9938 MeV
n-As073.jeff3.3 Threshold 8.9938 MeV

n-As073.jeff3.3/n-As073.tendl

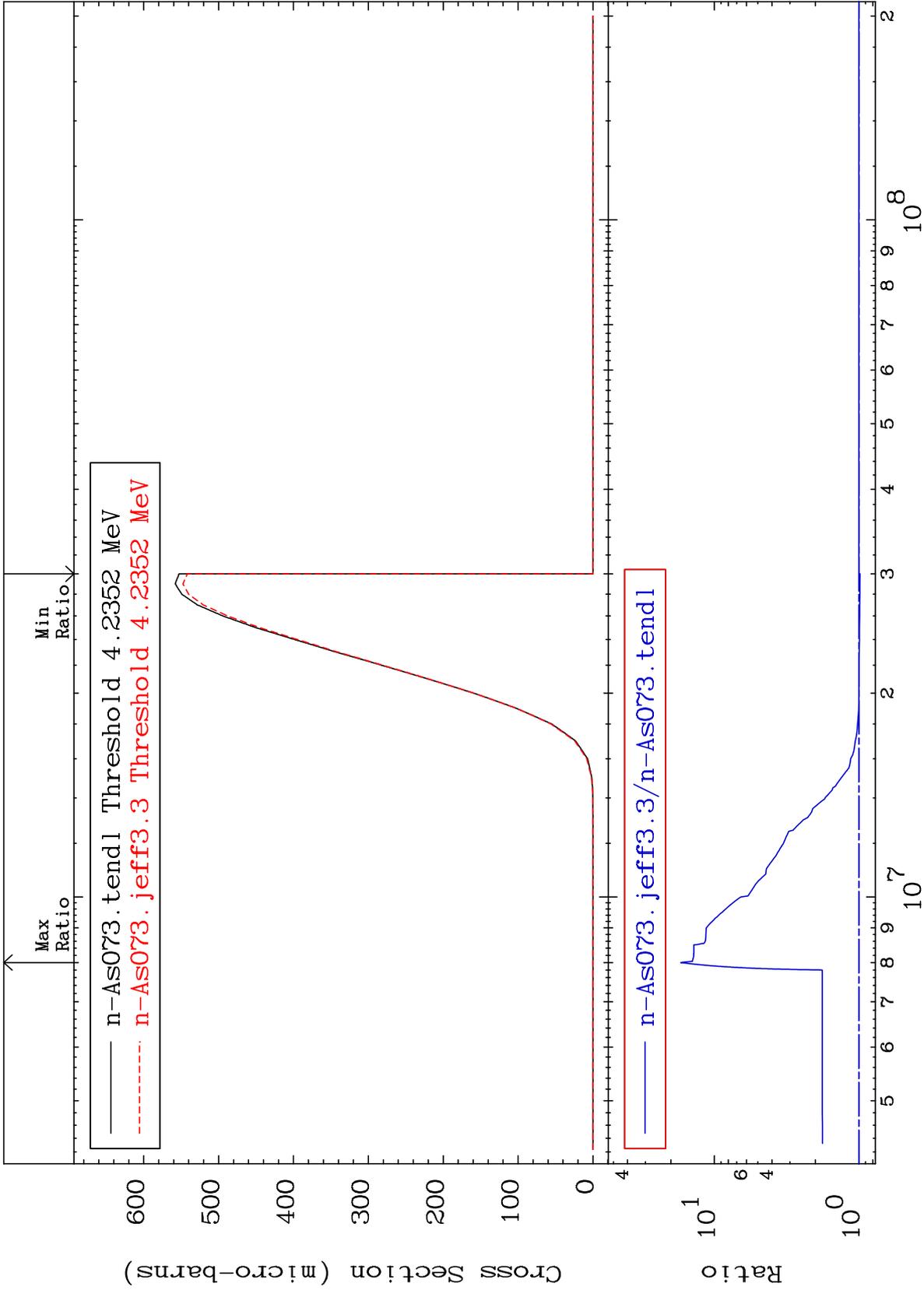
57

Incident Energy (eV)

33-As-73

-2.025 To 1610. %

Cross Section



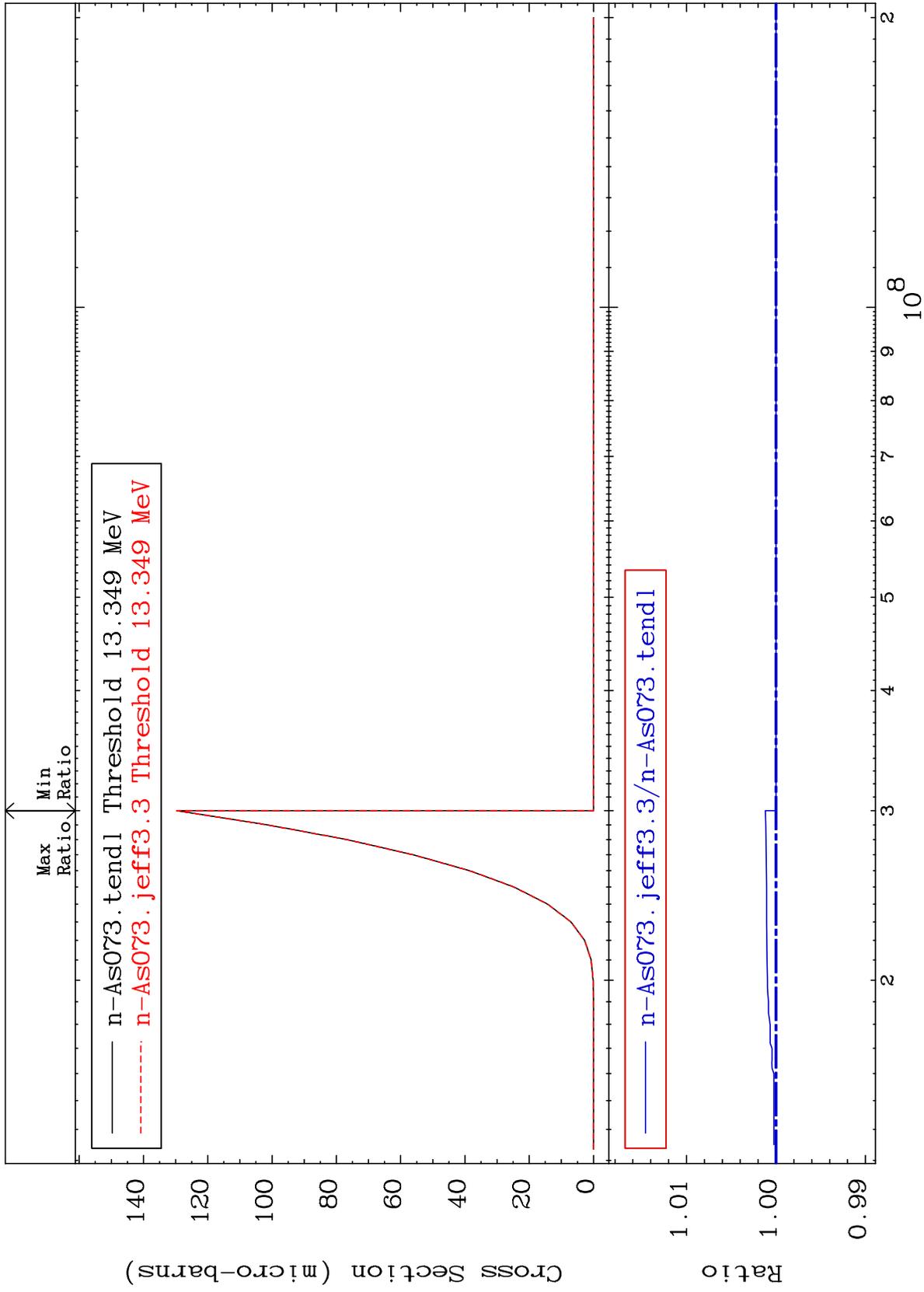
MAT 3319

(n,p) d

33-As-73

Cross Section

0.000 To 0.119 %



59

Incident Energy (eV)

33-As-73

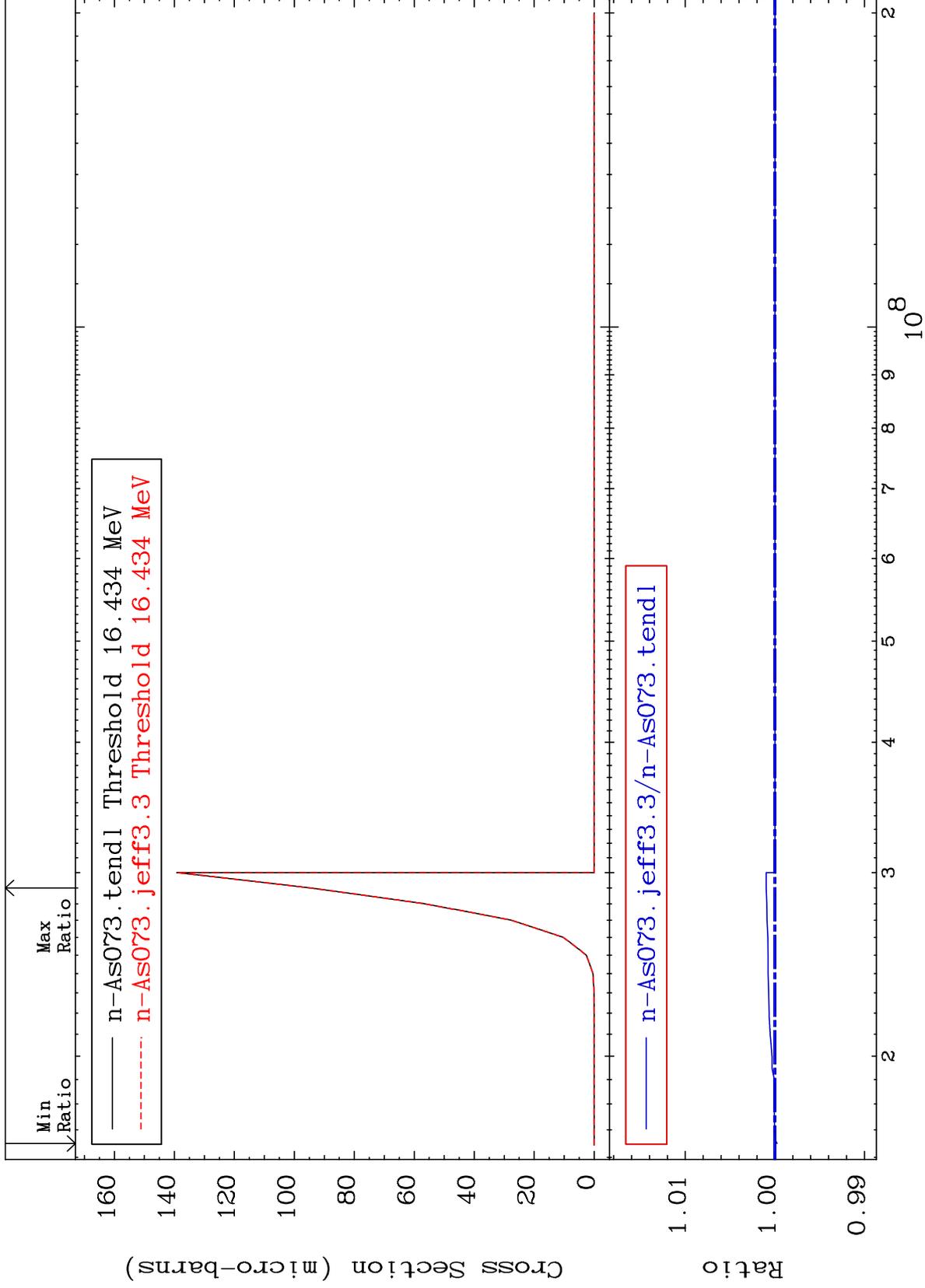
MAT 3319

(n,p) t

33-As-73

Cross Section

-0.023 To 0.098 %

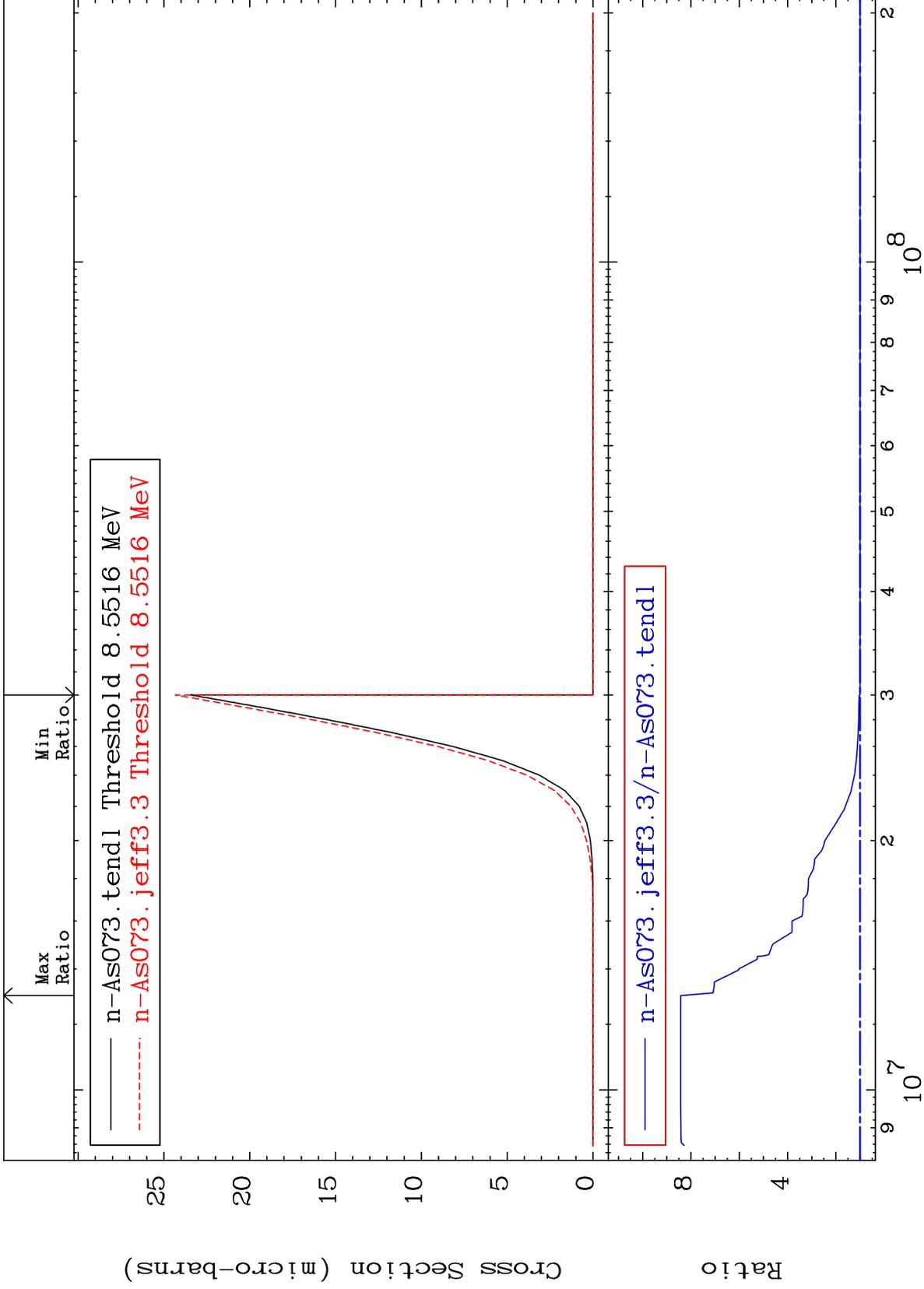


MAT 3319

(n, d) α

33-As-73
0.000 To 742.3 %

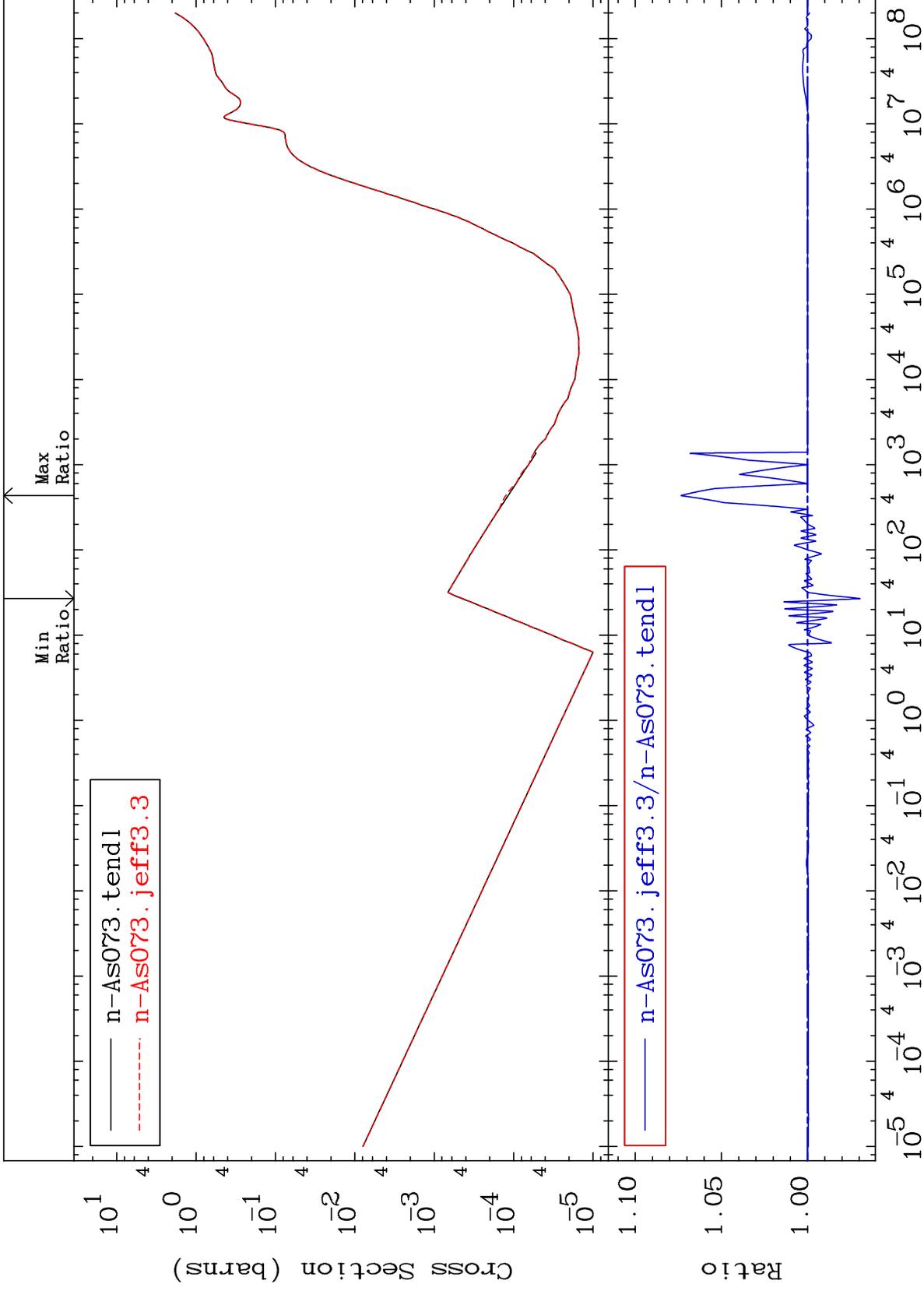
Cross Section



61

Incident Energy (eV)

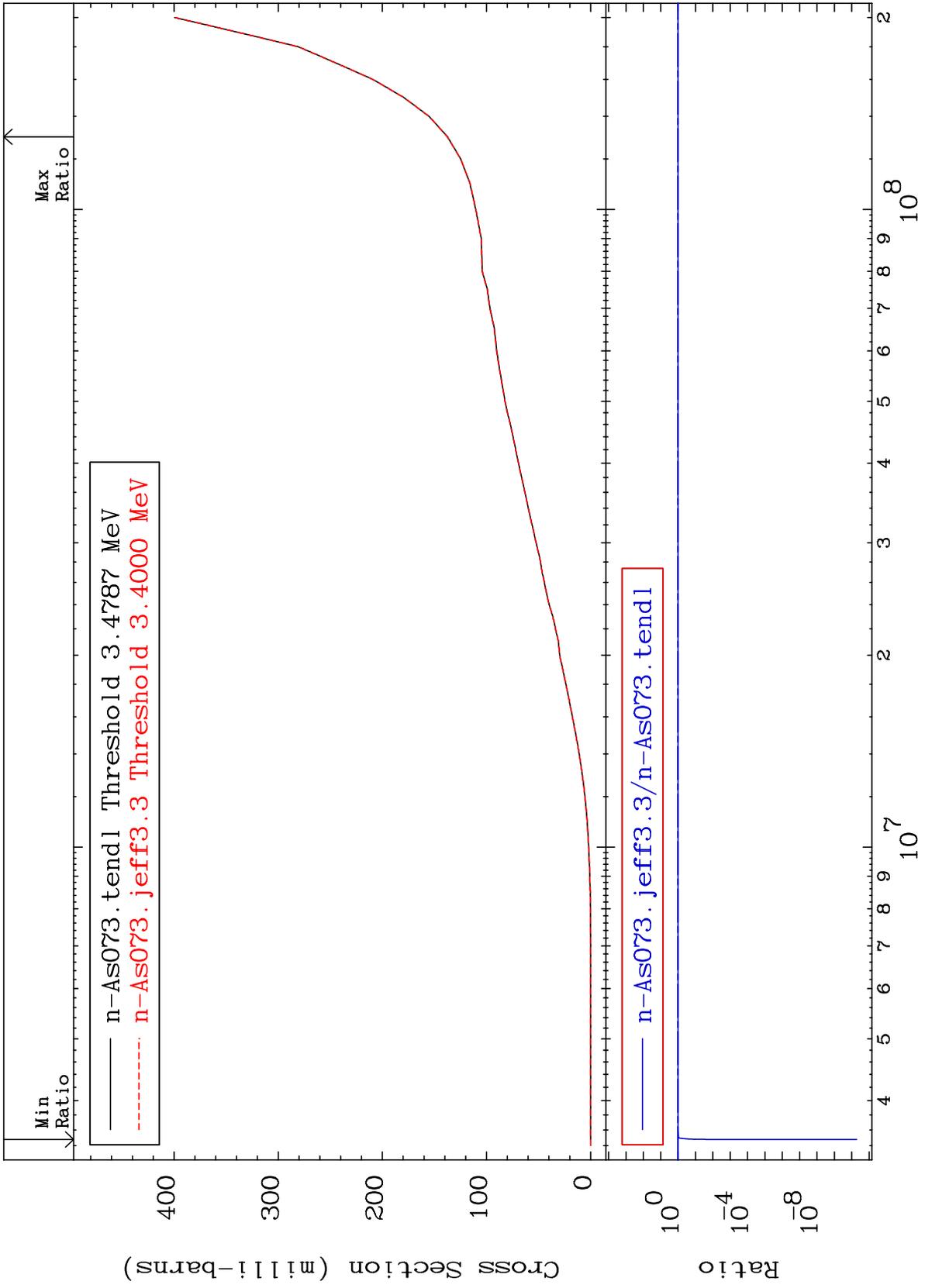
33-As-73



MAT 3319

Deuterium Production
Cross Section

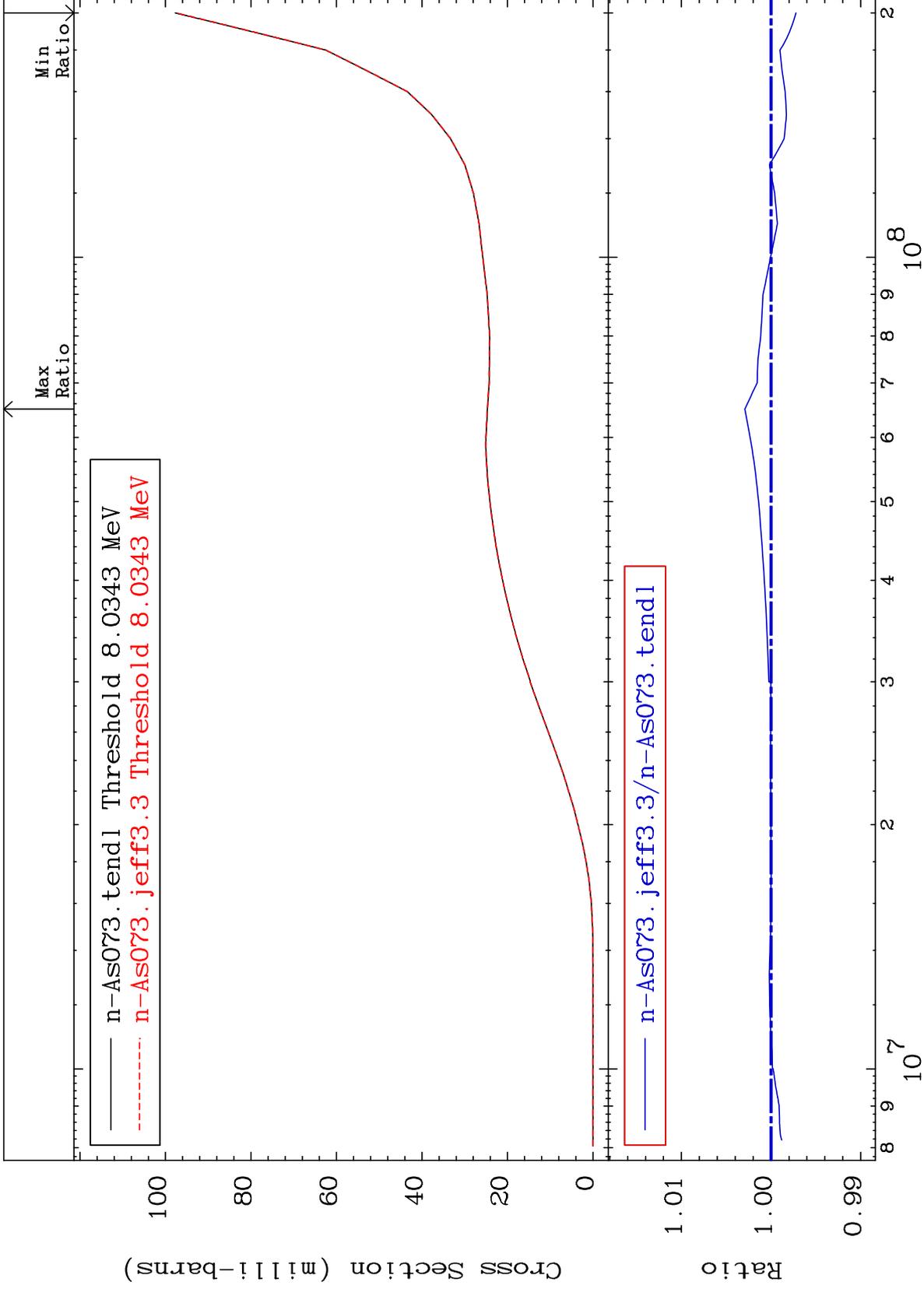
³³As-73
-100.0 To 0.236 %



MAT 3319

Tritium Production
Cross Section

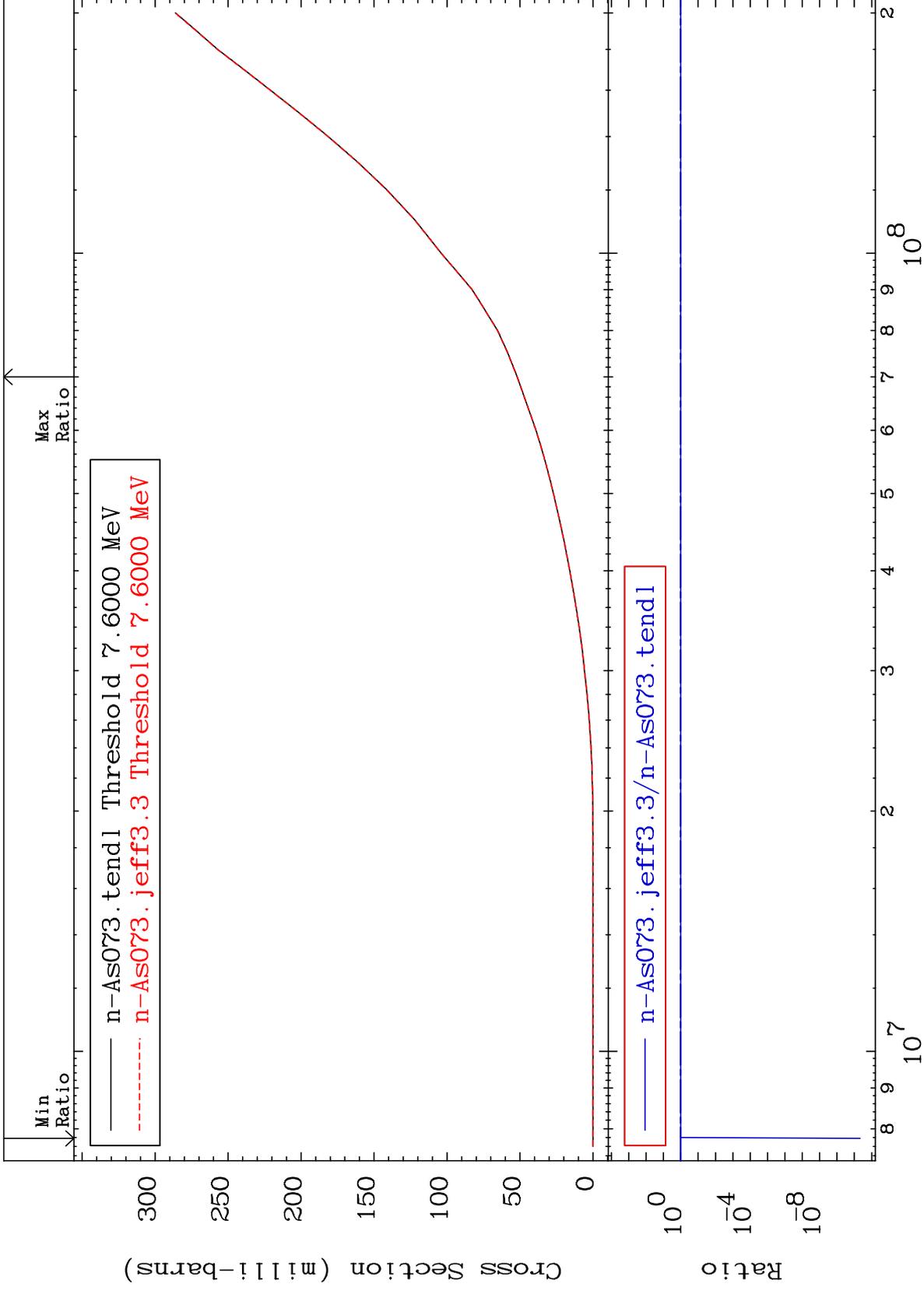
³³As-73
-0.278 To 0.292 %

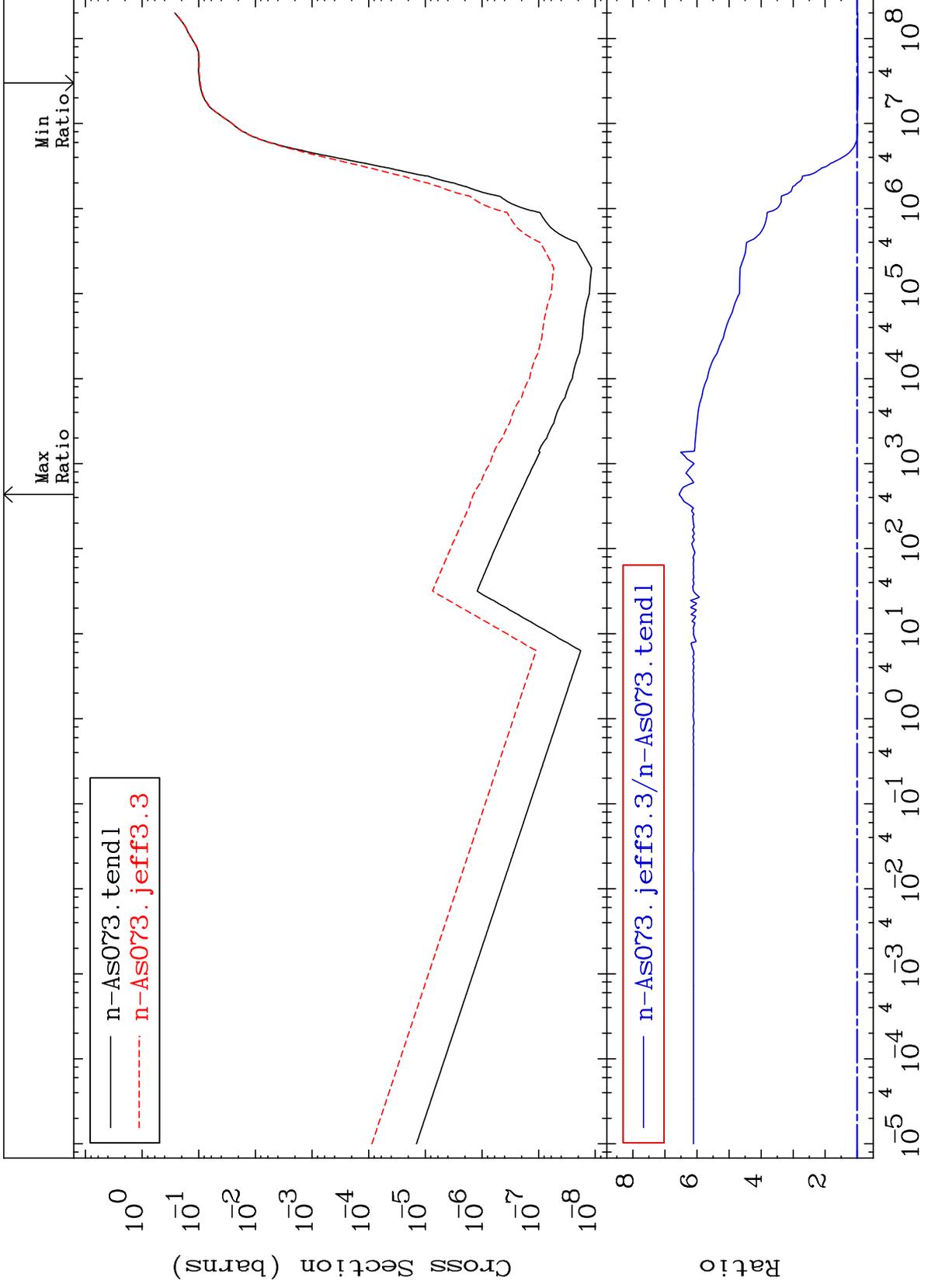


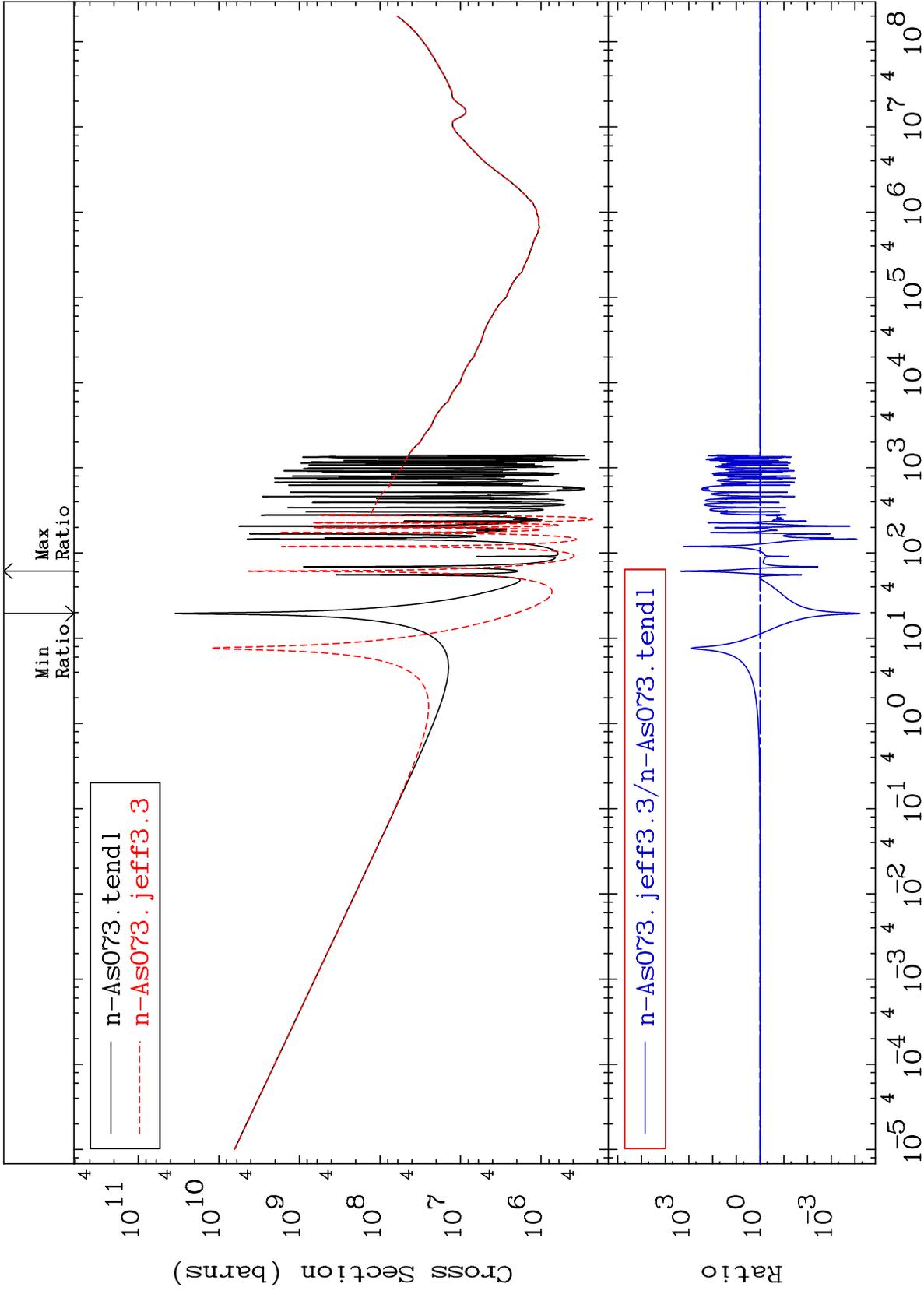
64

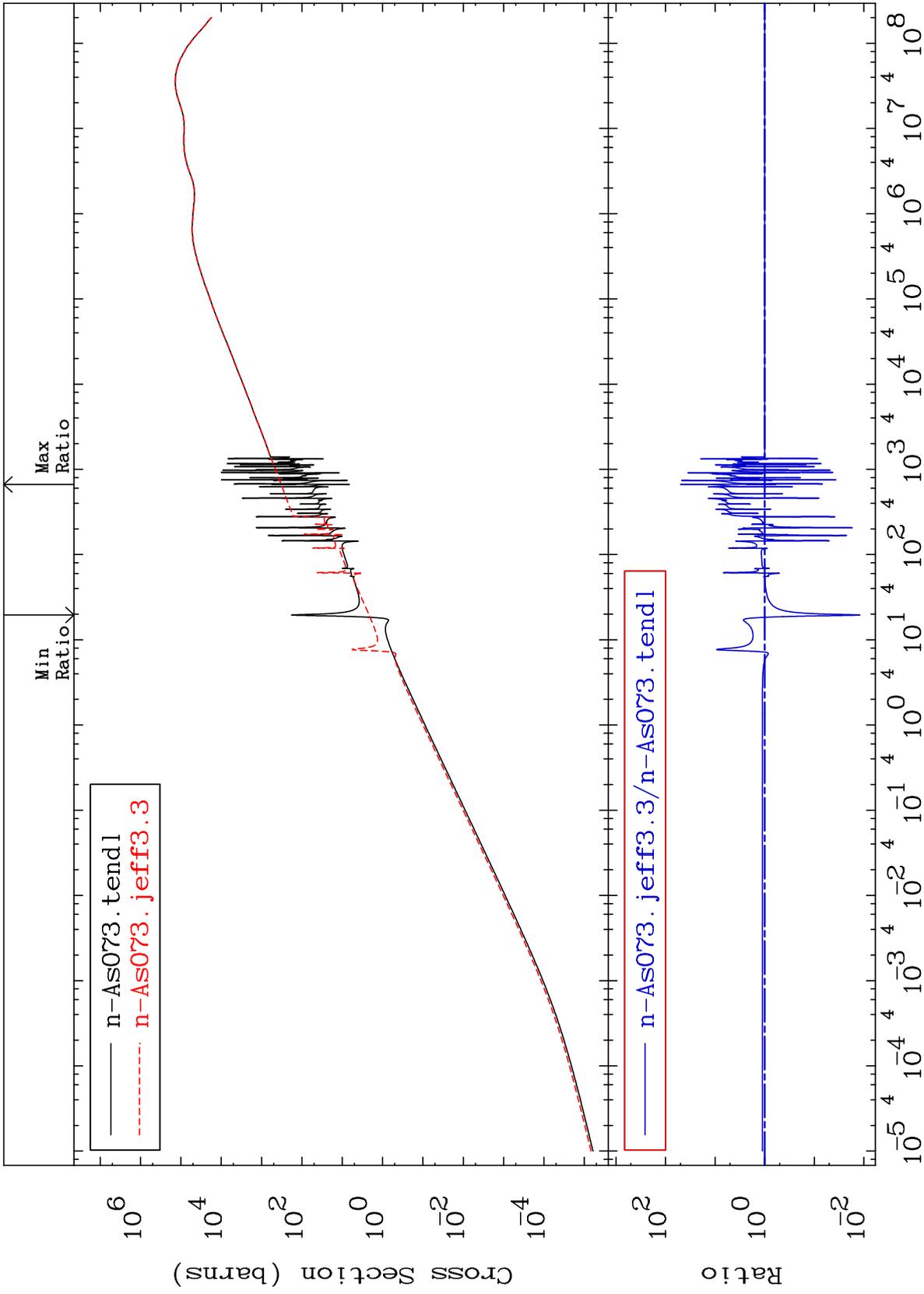
Incident Energy (eV)

³³As-73

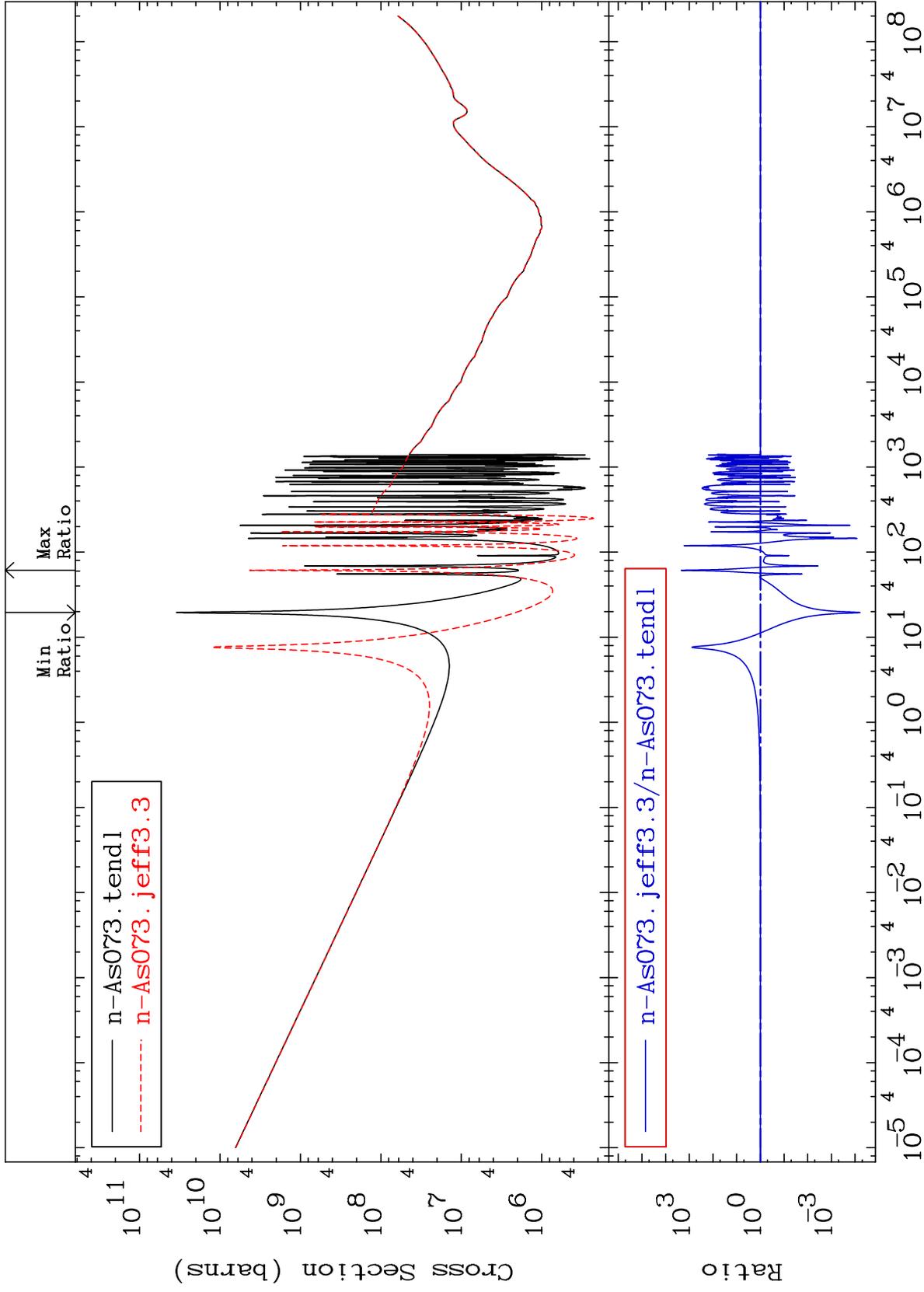


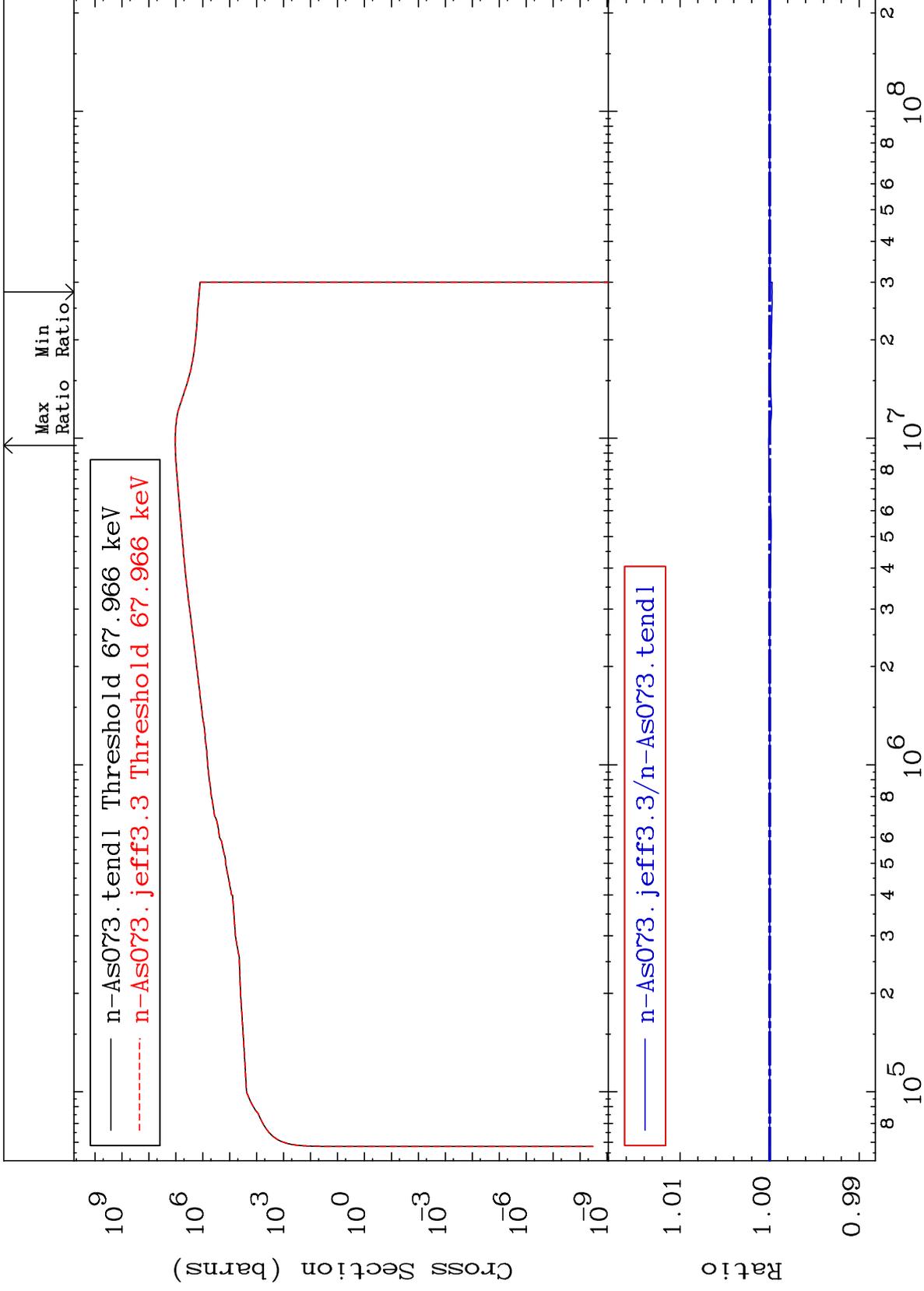


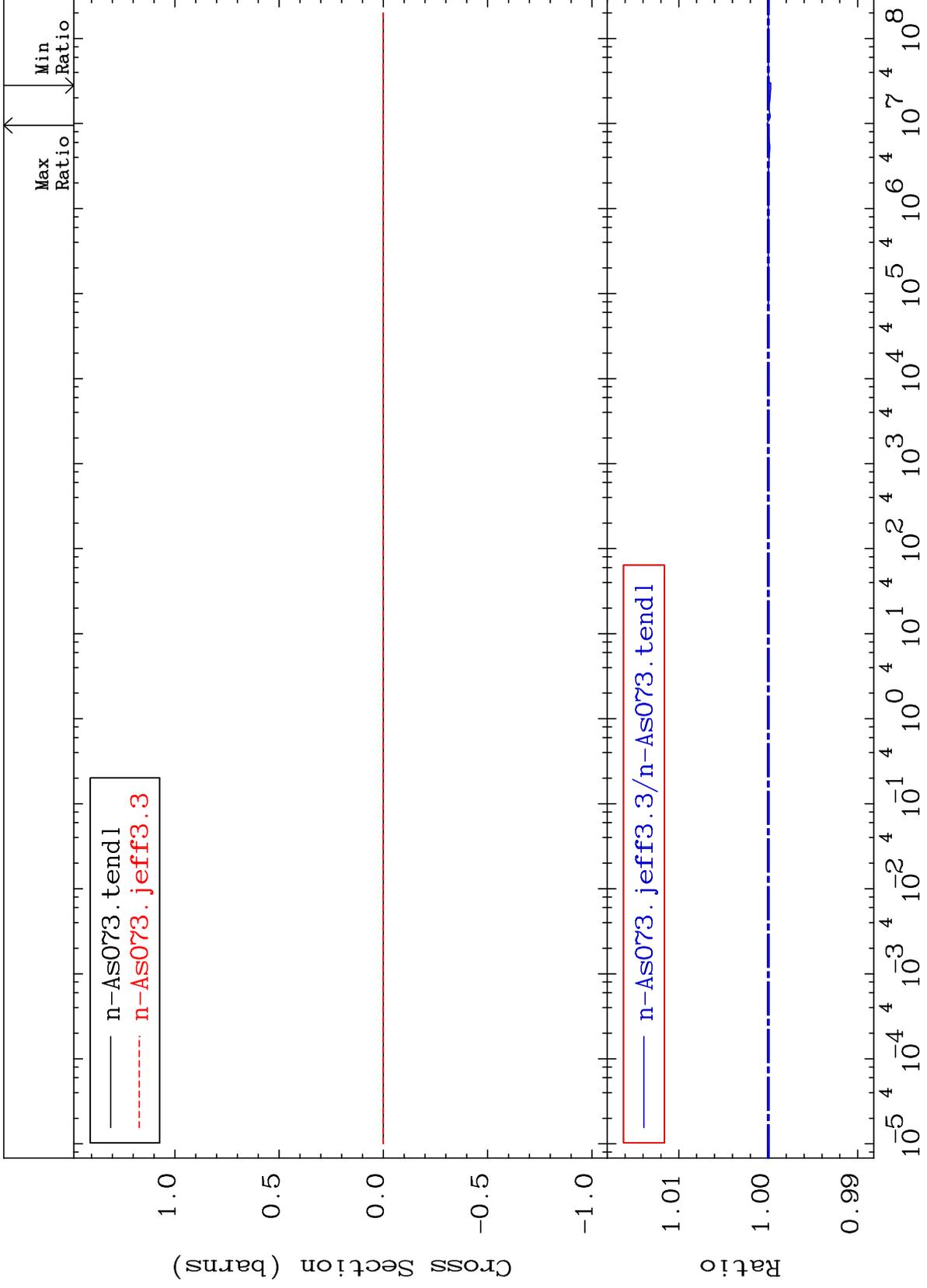


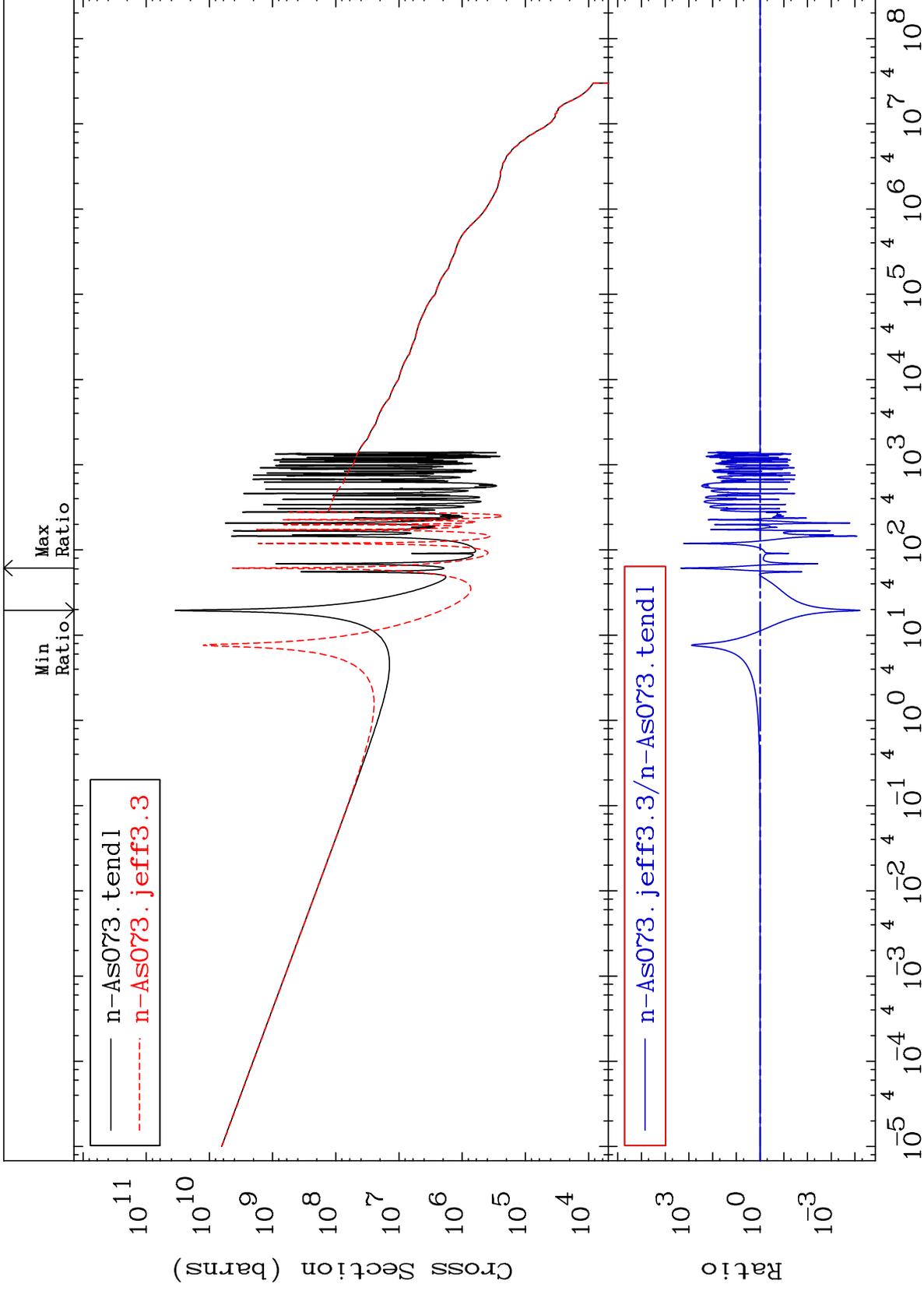


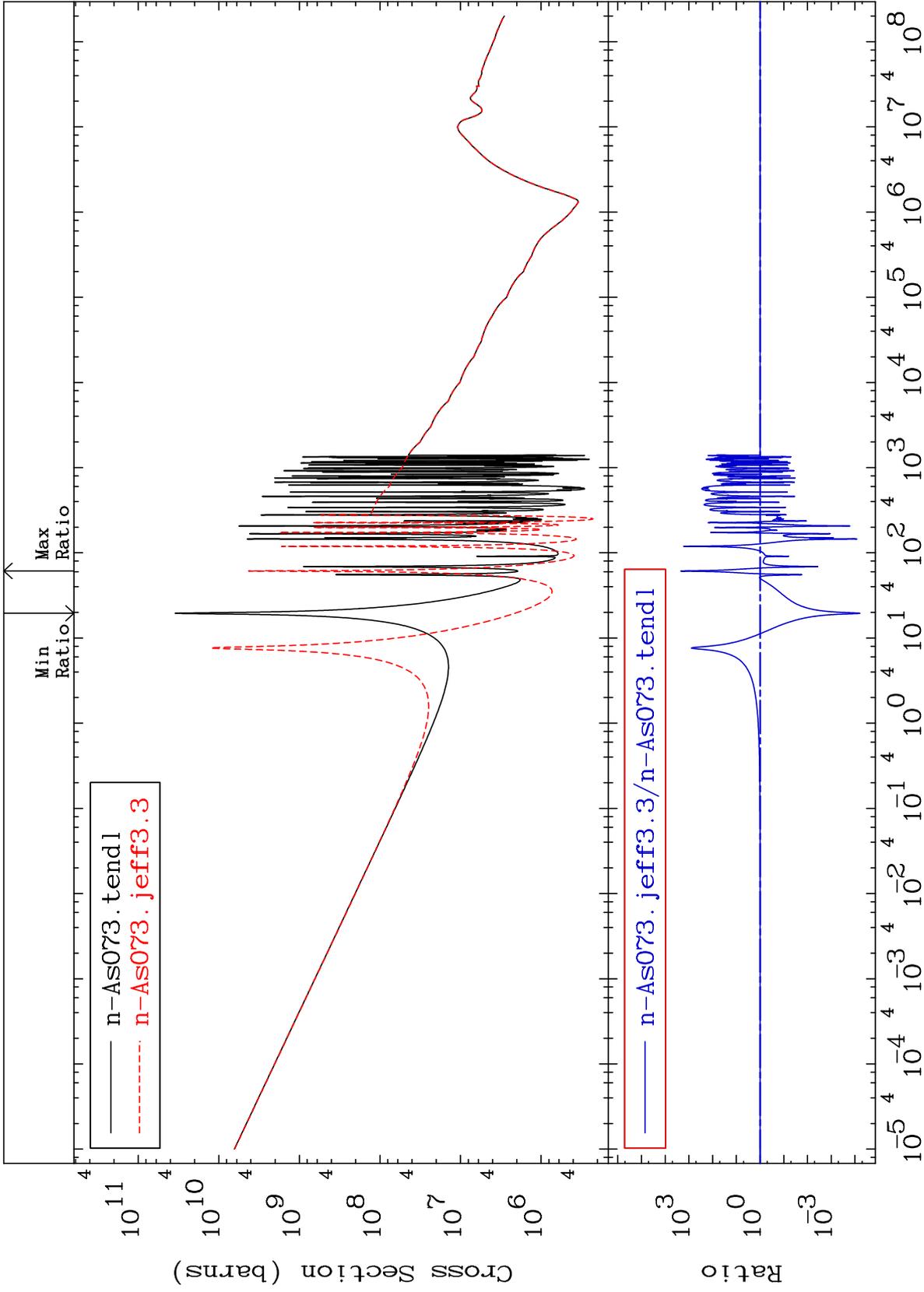
Cross Section

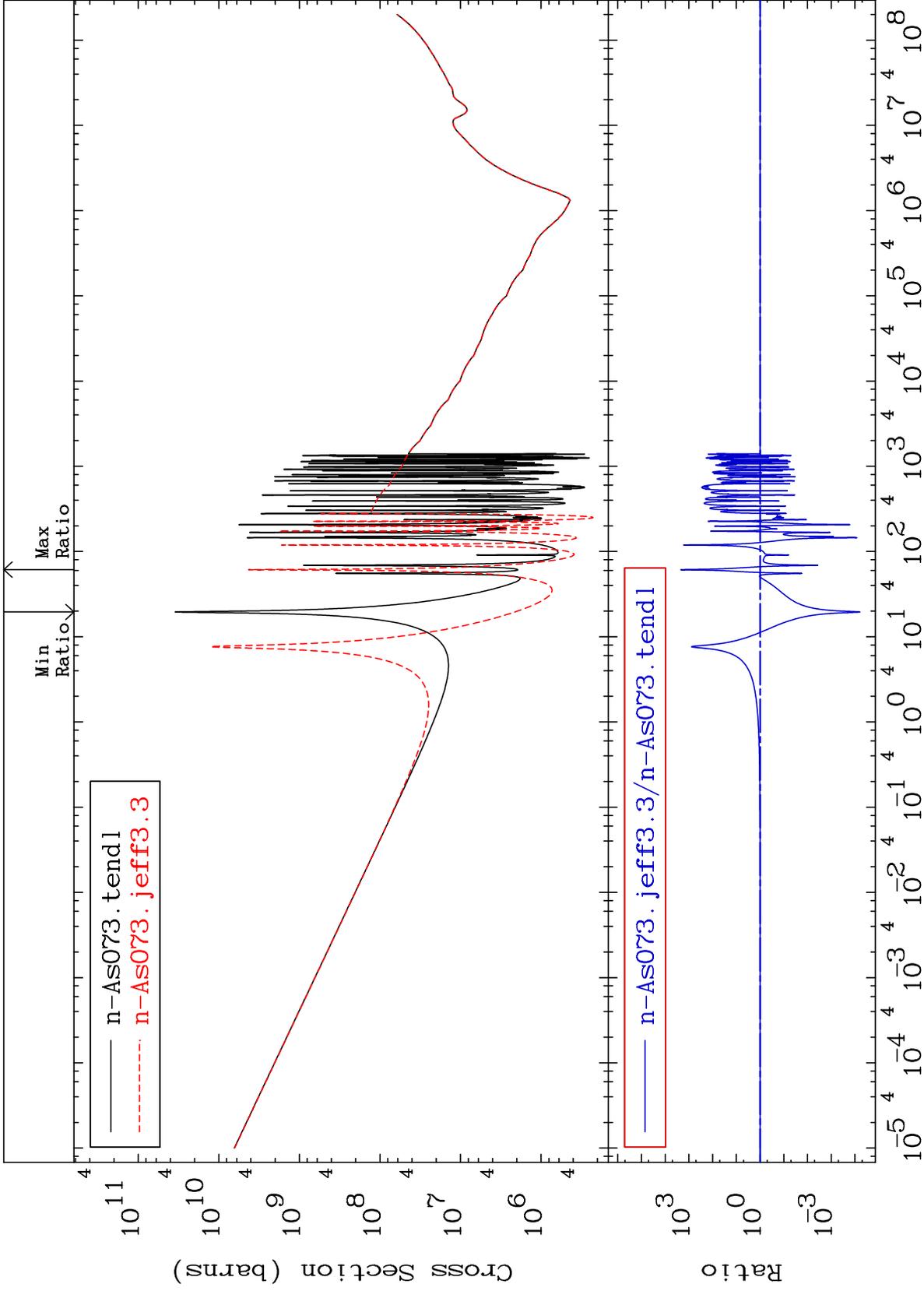


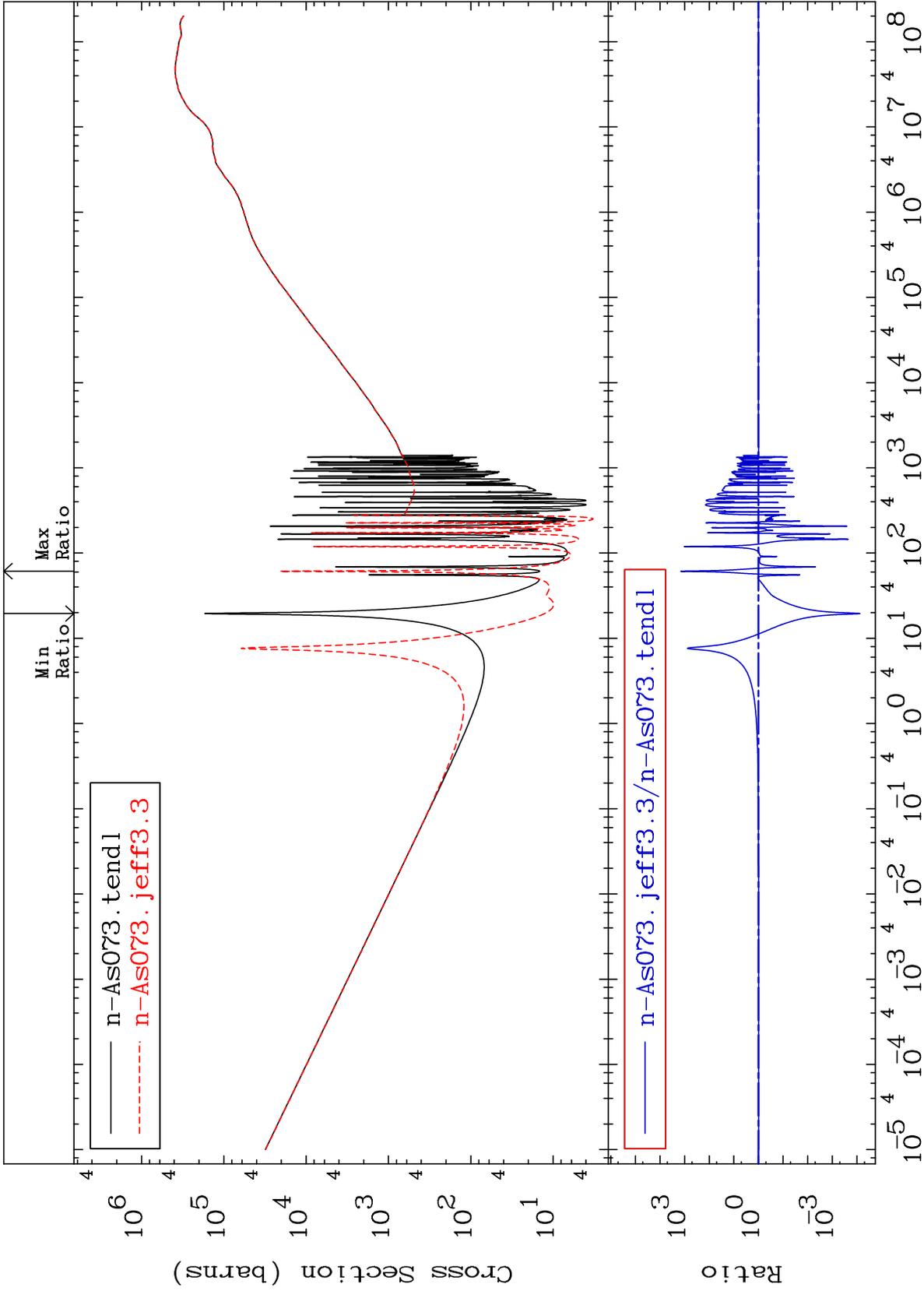


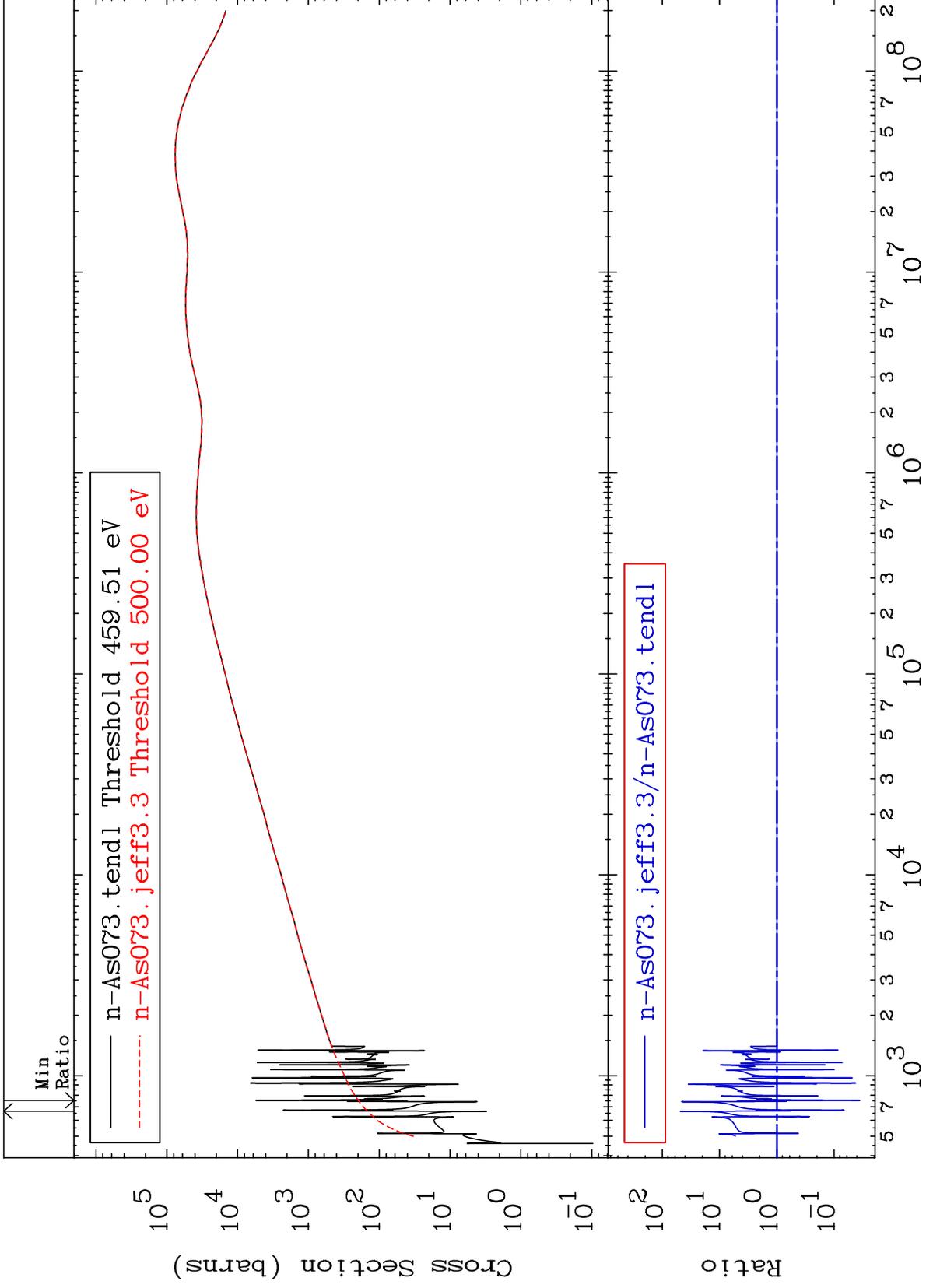


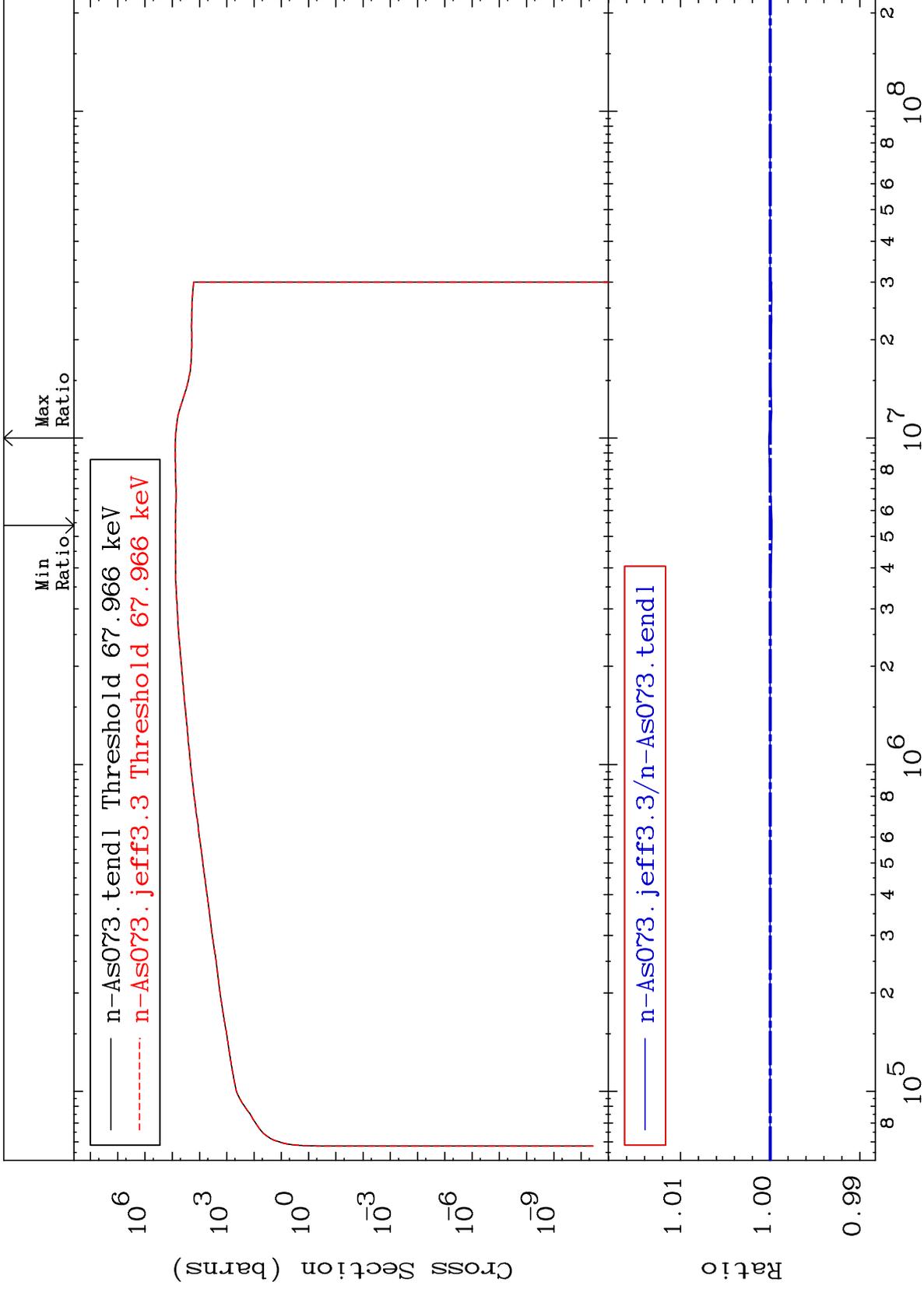


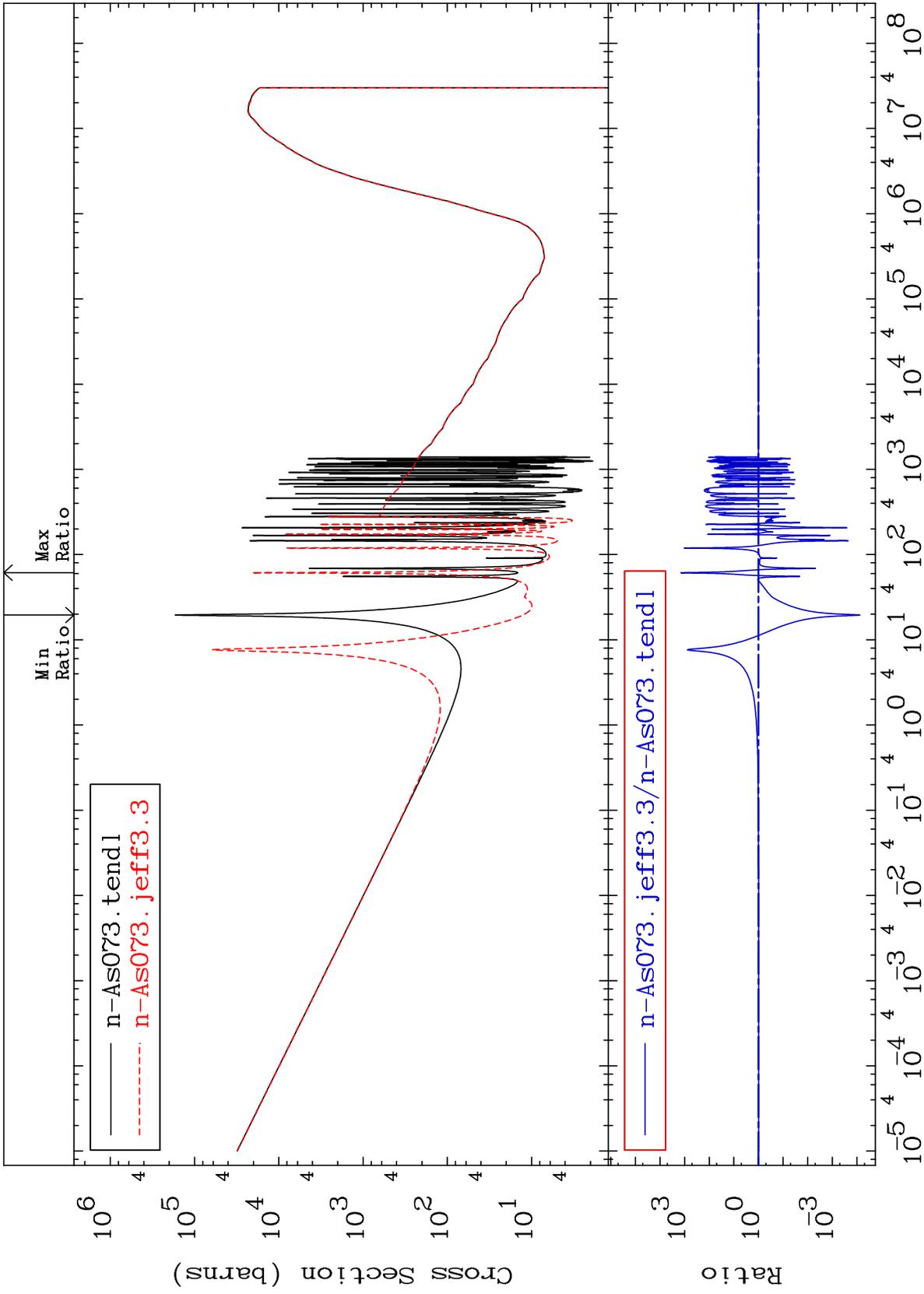




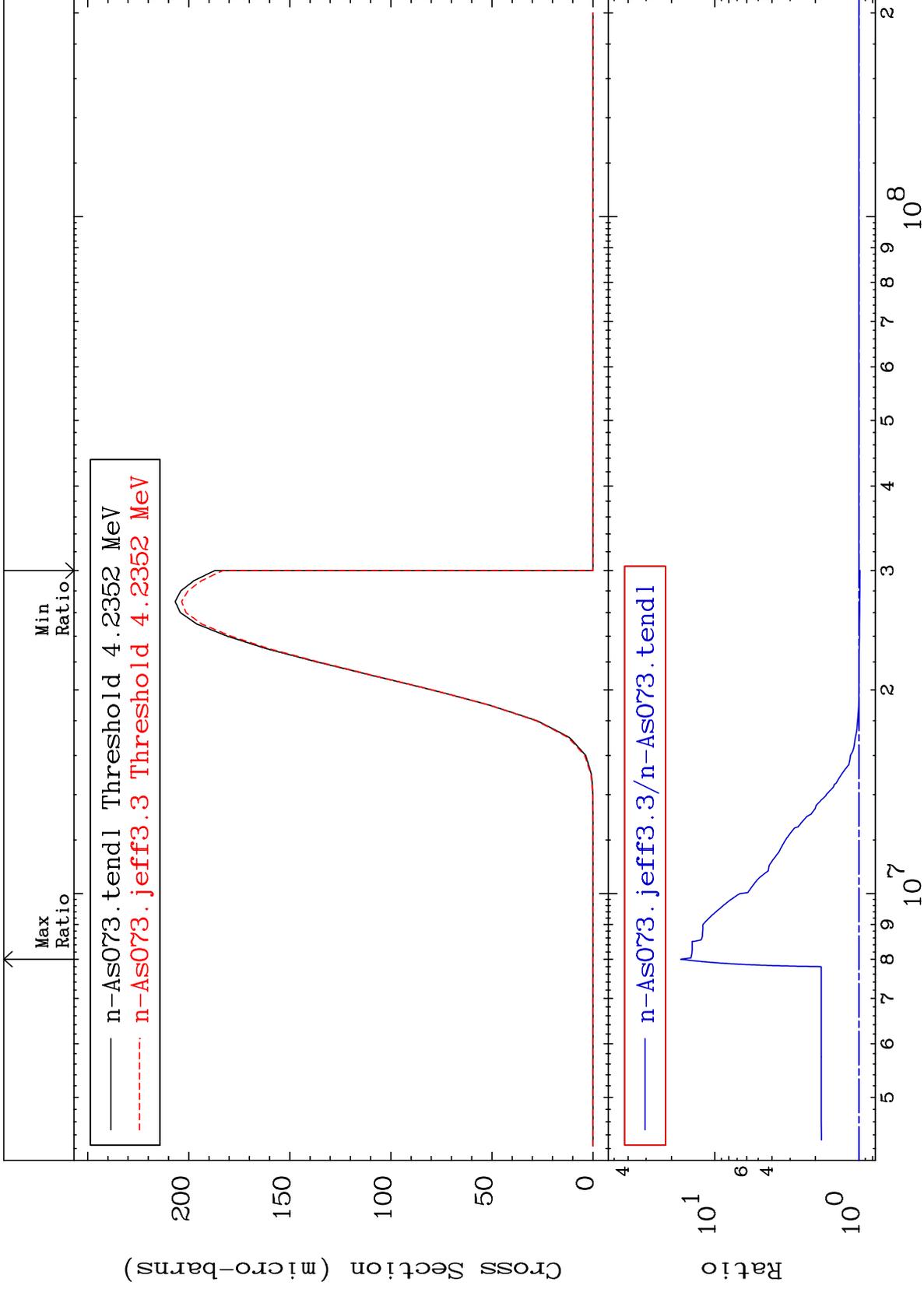








Radionuclide Production Cross Section -2.138 To 1623. %



Radionuclide Production Cross Section -1.967 To 967.0 %

