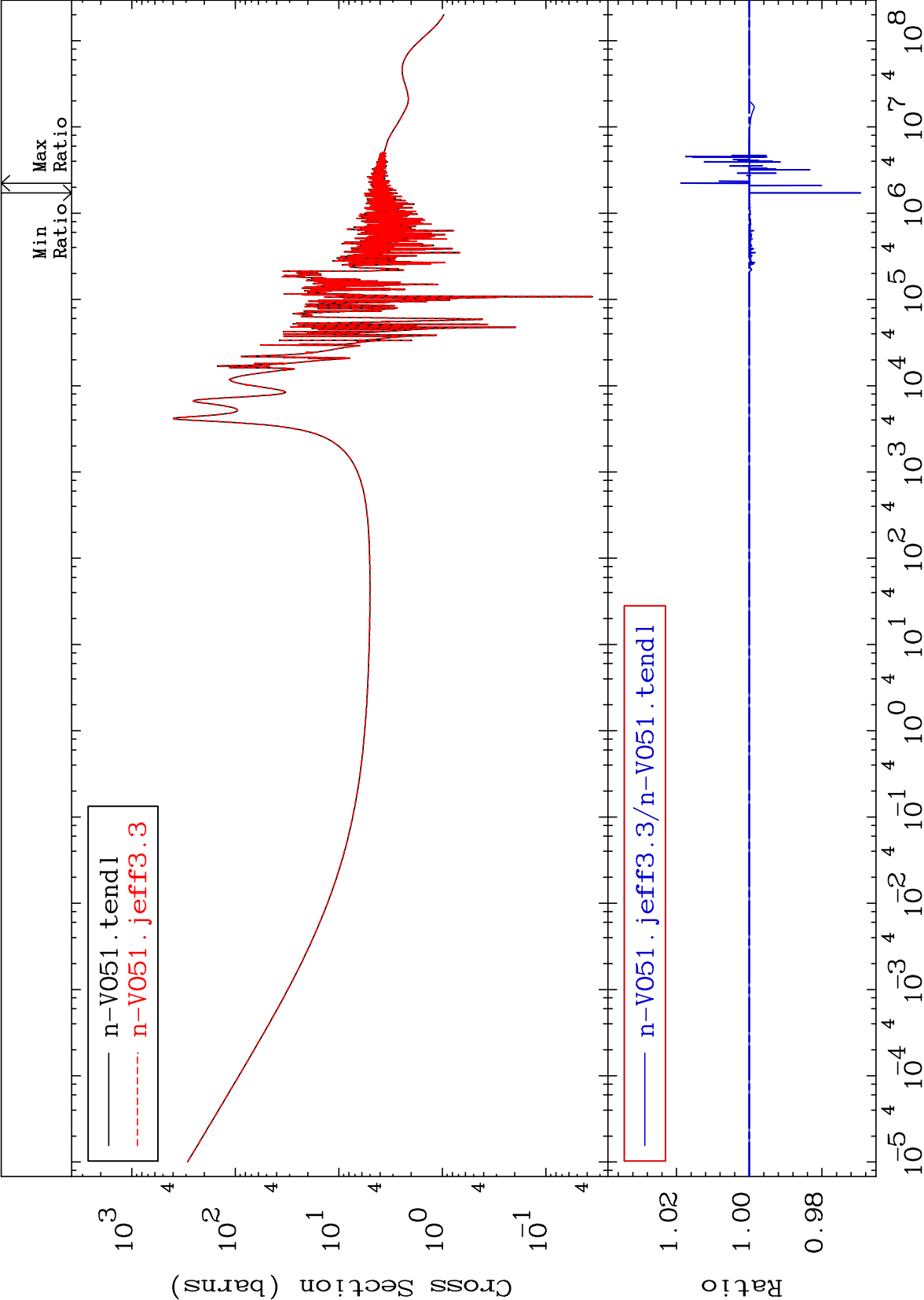


MAT 2328

Total
Cross Section

23-V -51
-3.063 To 1.884 %



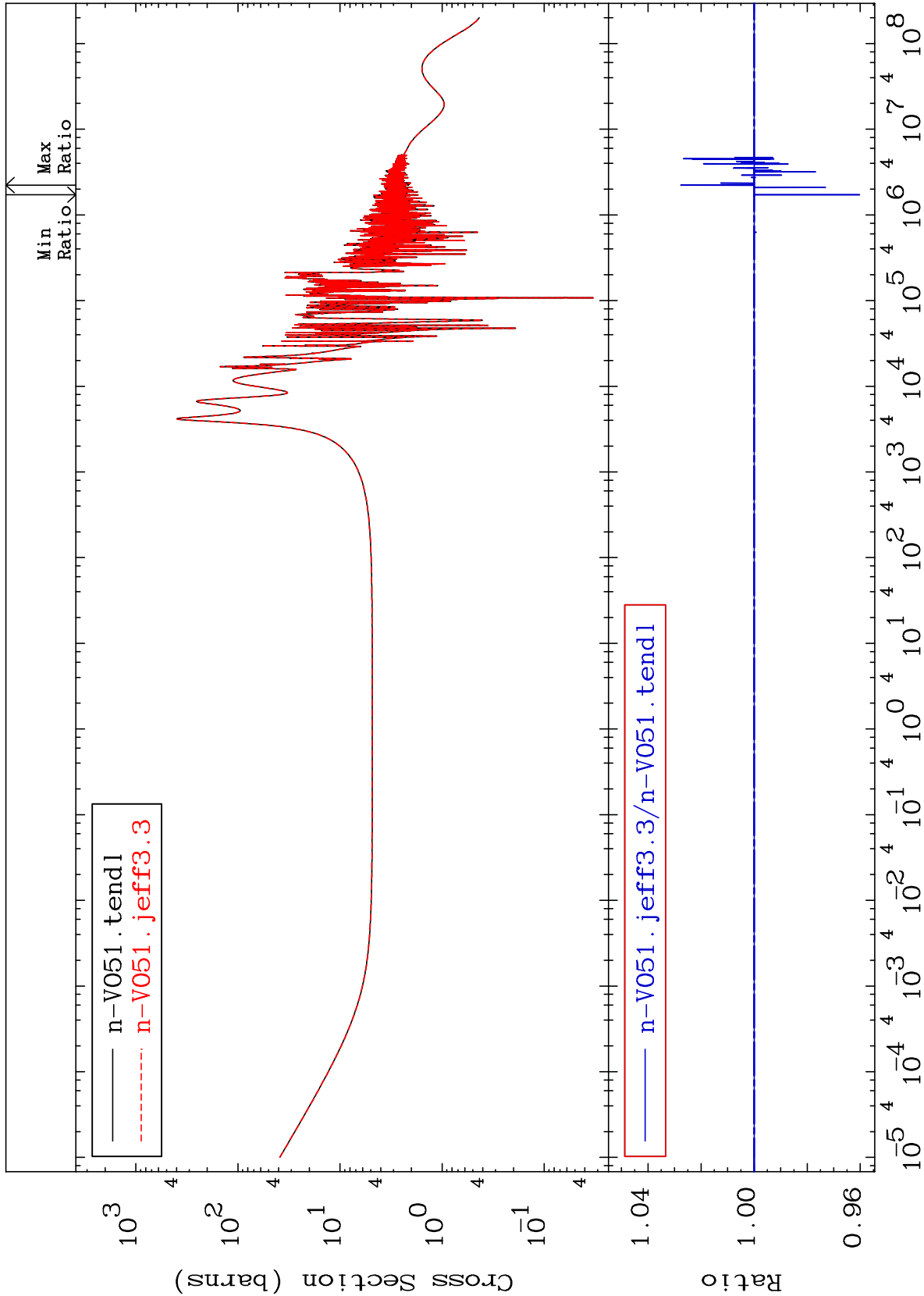
Incident Energy (eV)

23-V -51

MAT 2328

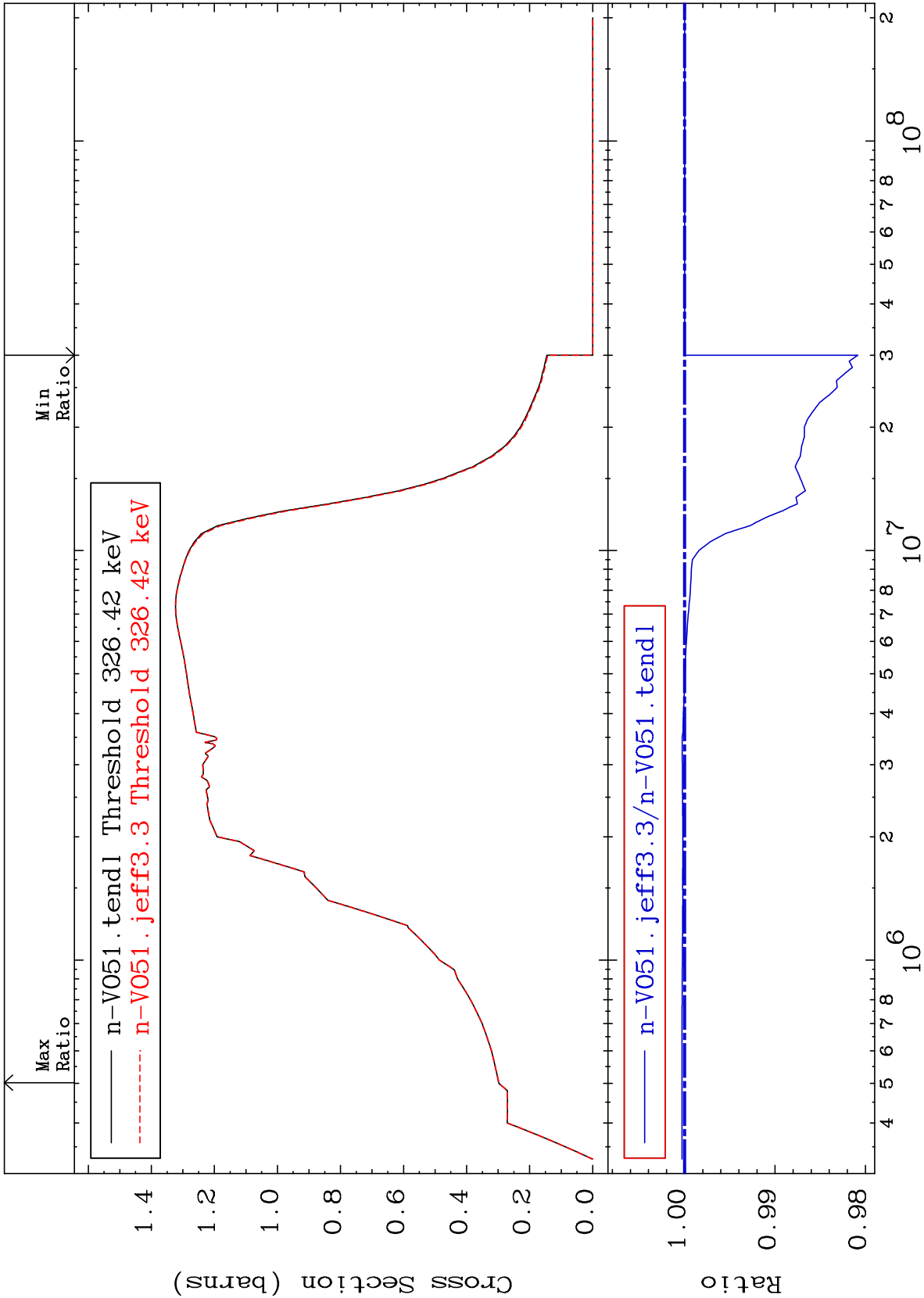
Elastic
Cross Section

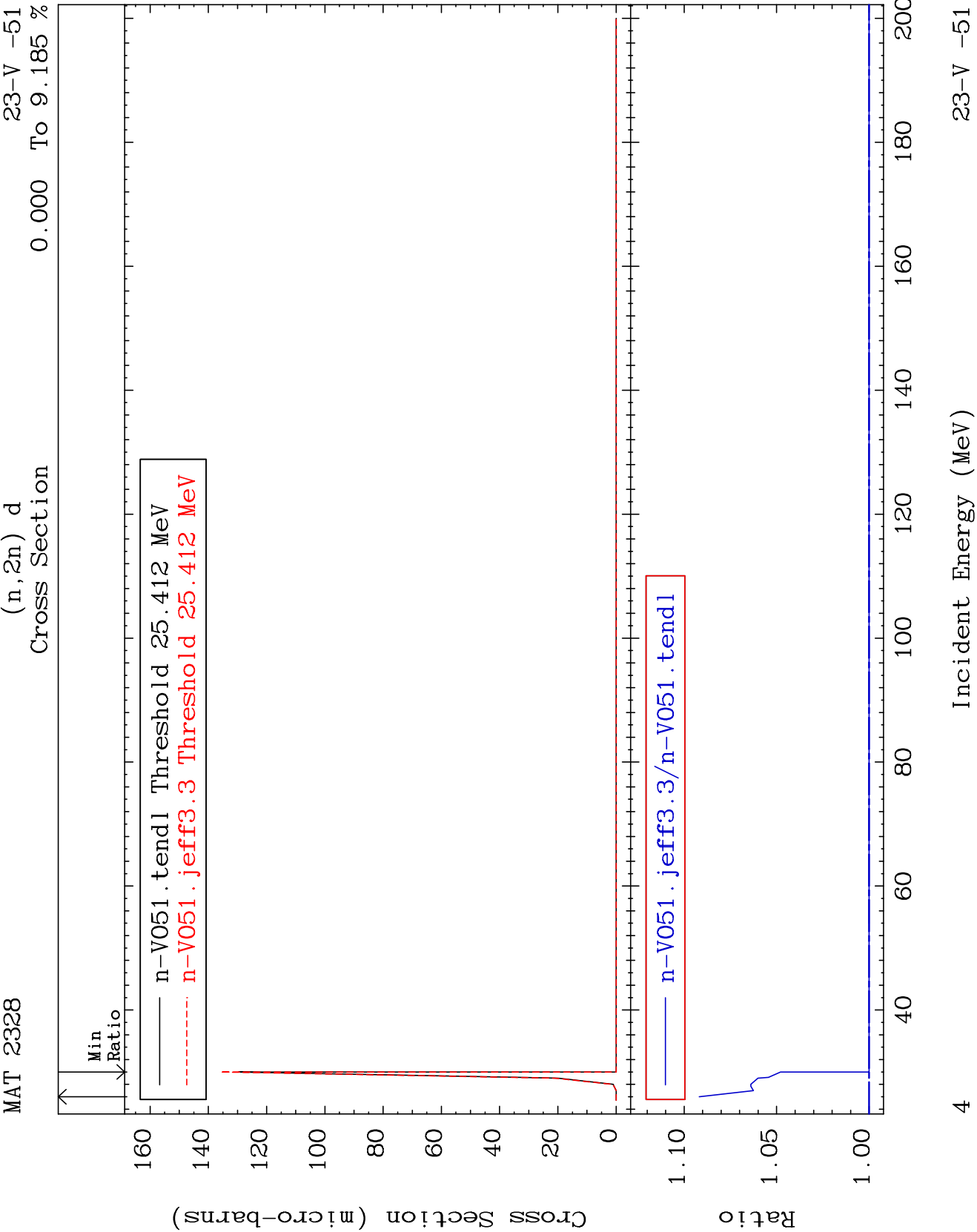
23-V -51
-3.973 To 2.765 %

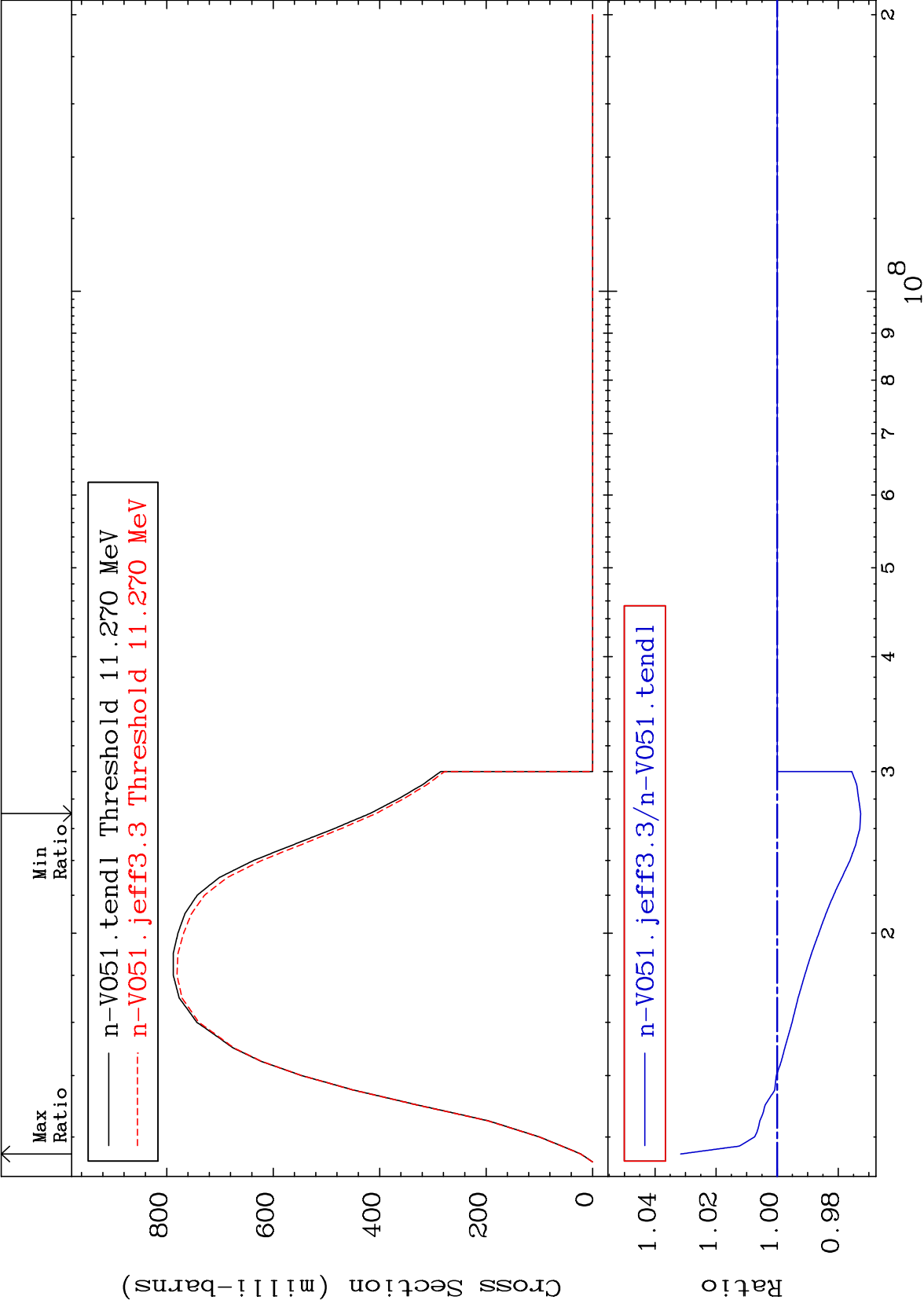


Incident Energy (eV)

23-V -51



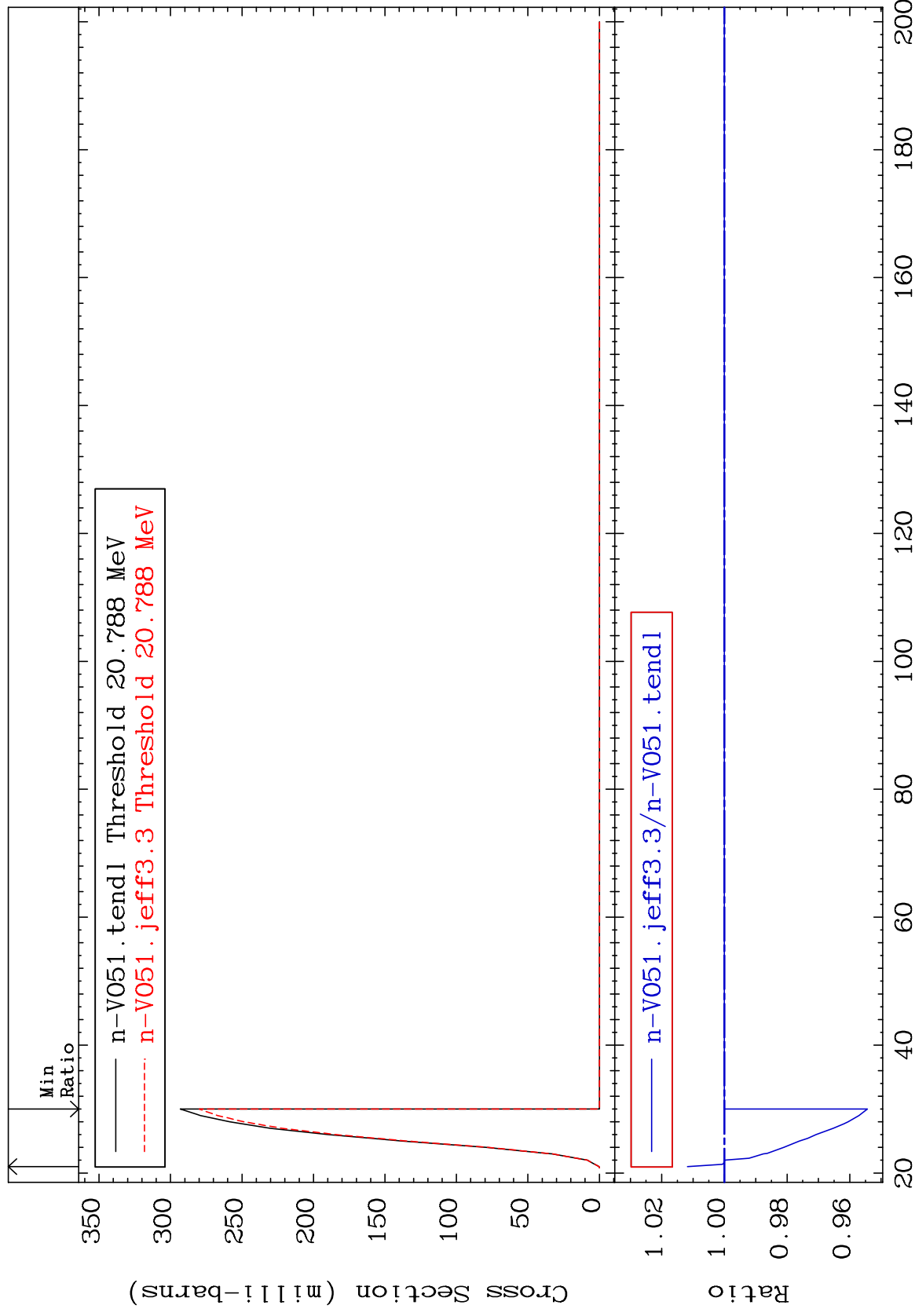




MAT 2328

(n,3n)
Cross Section

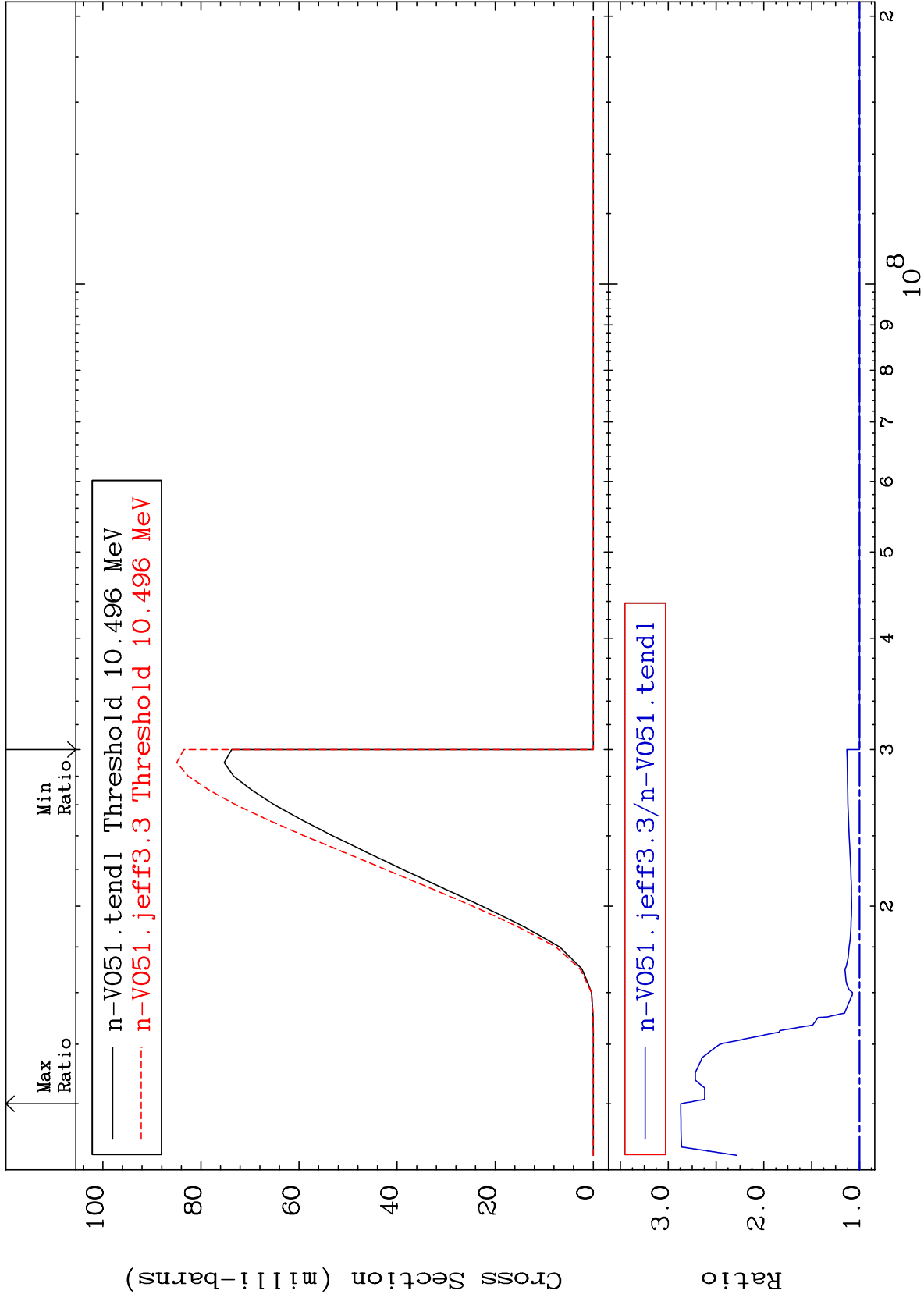
23-V -51
-4.563 To 1.178 %



MAT 2328

(n,n') α
Cross Section

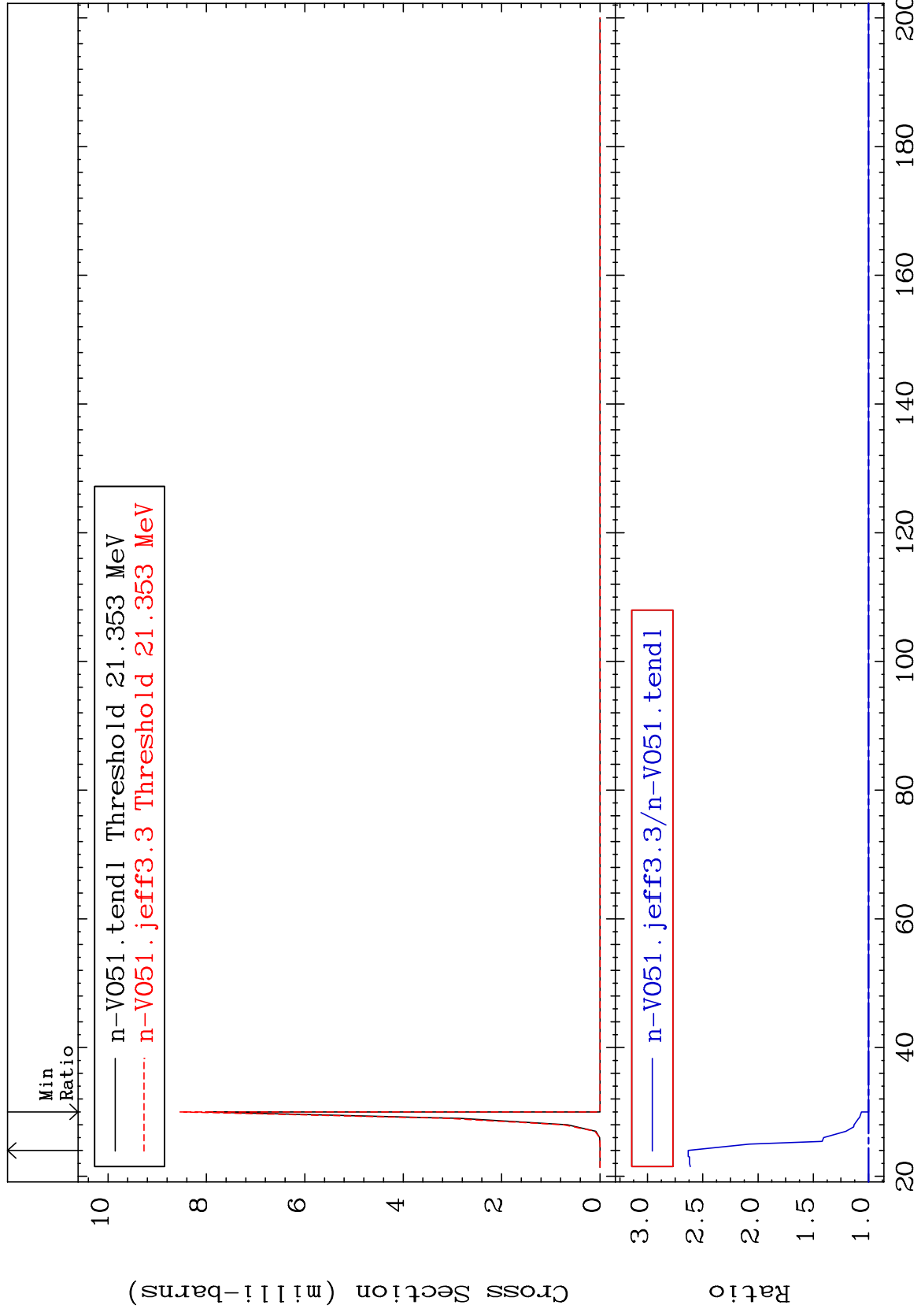
23-V -51
0.000 To 186.9 %



MAT 2328

(n,2n) α
Cross Section

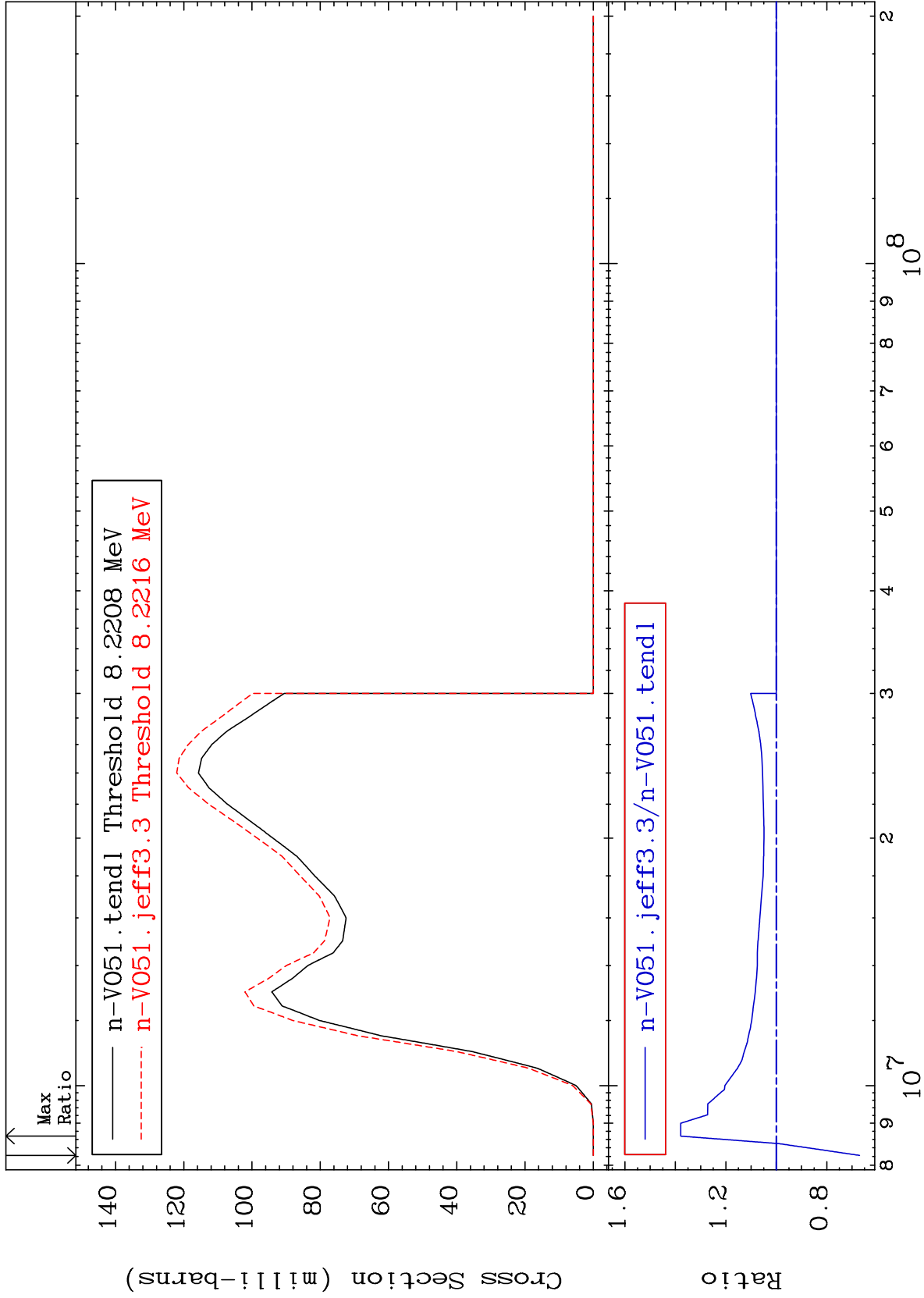
23-V -51
0.000 To 163.1 %



MAT 2328

(n,n') p
Cross Section

23-V -51
-33.00 To 37.87 %

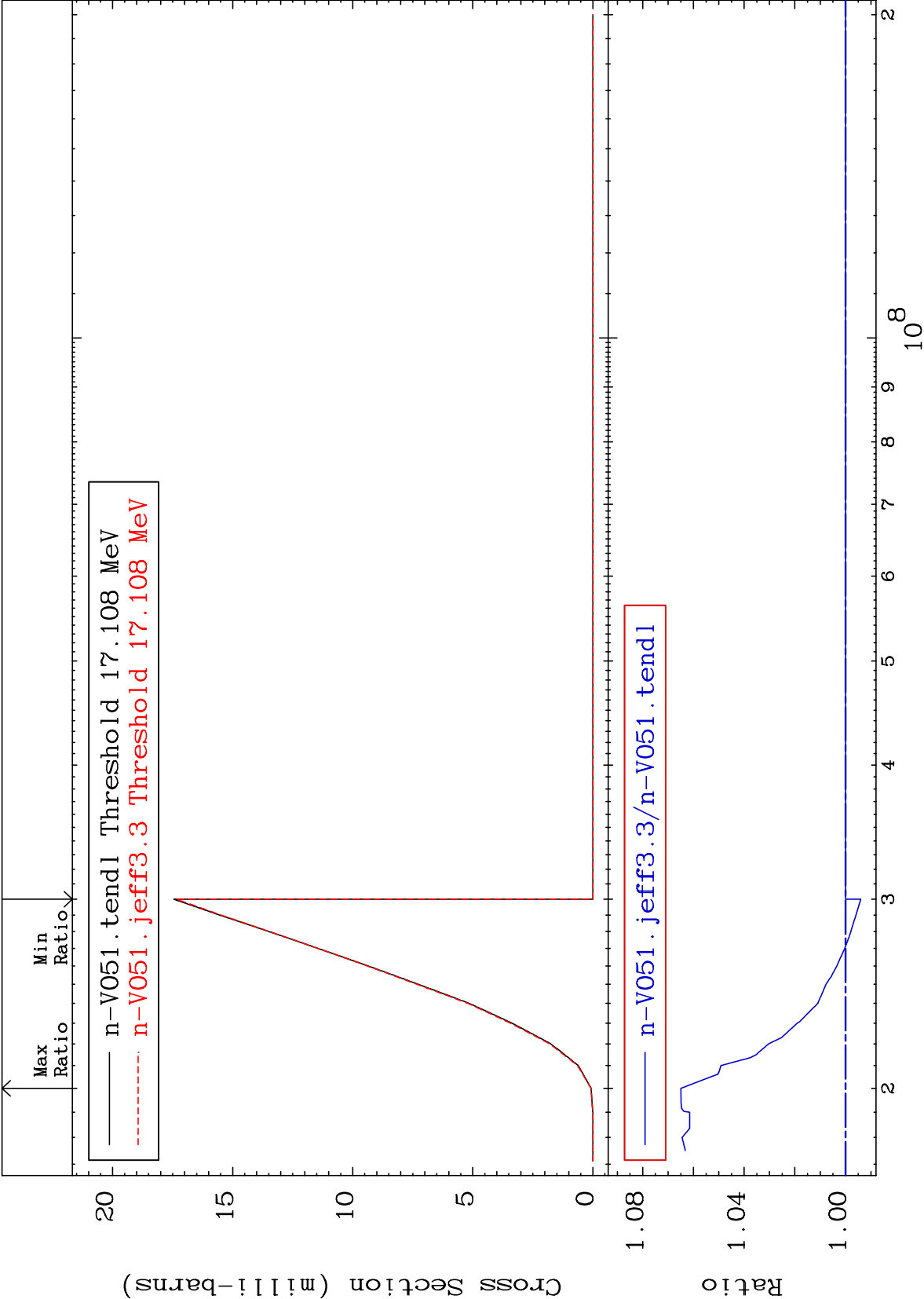


23-V -51

MAT 2328

(n,n') d
Cross Section

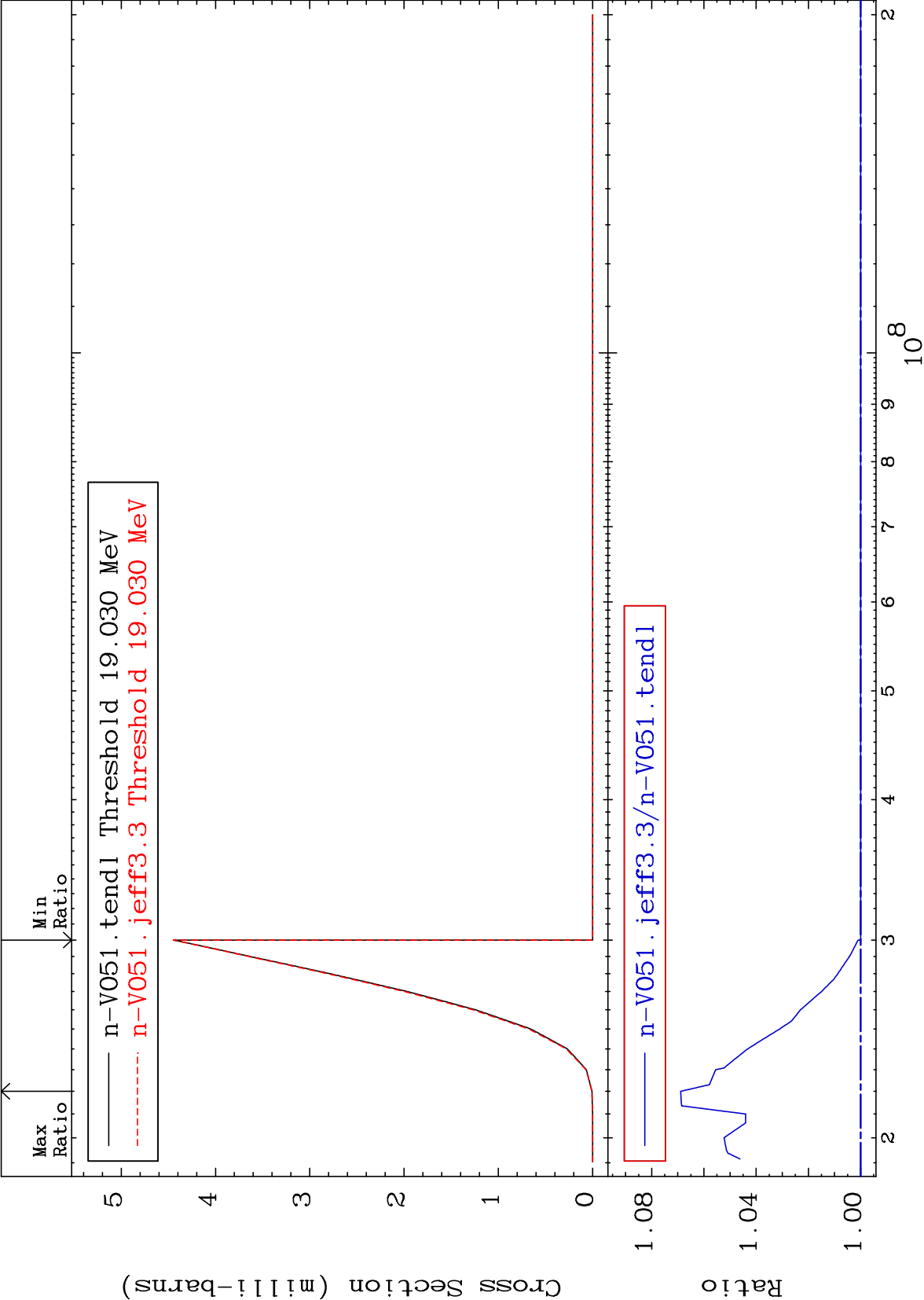
23-V -51
-0.597 To 6.494 %

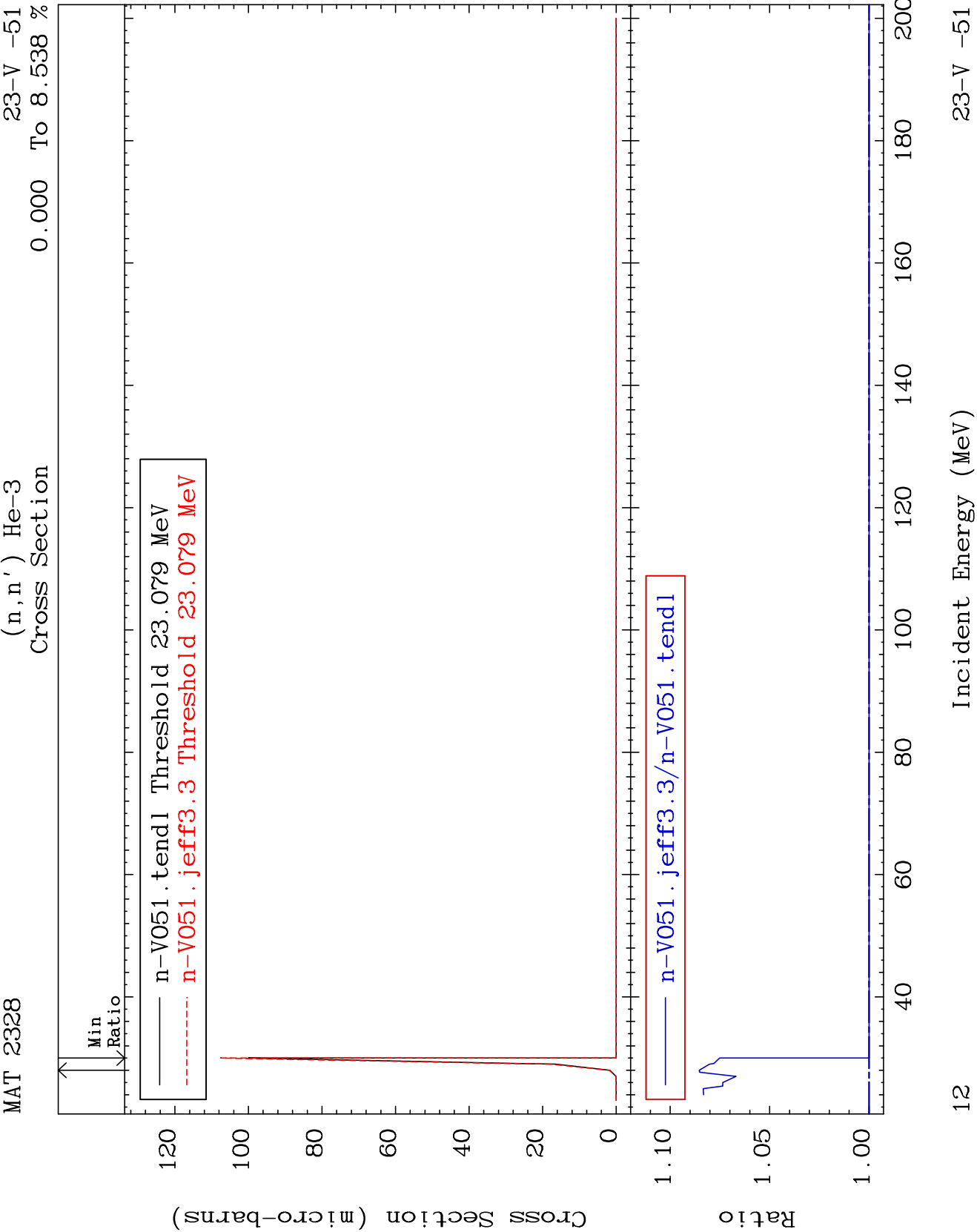


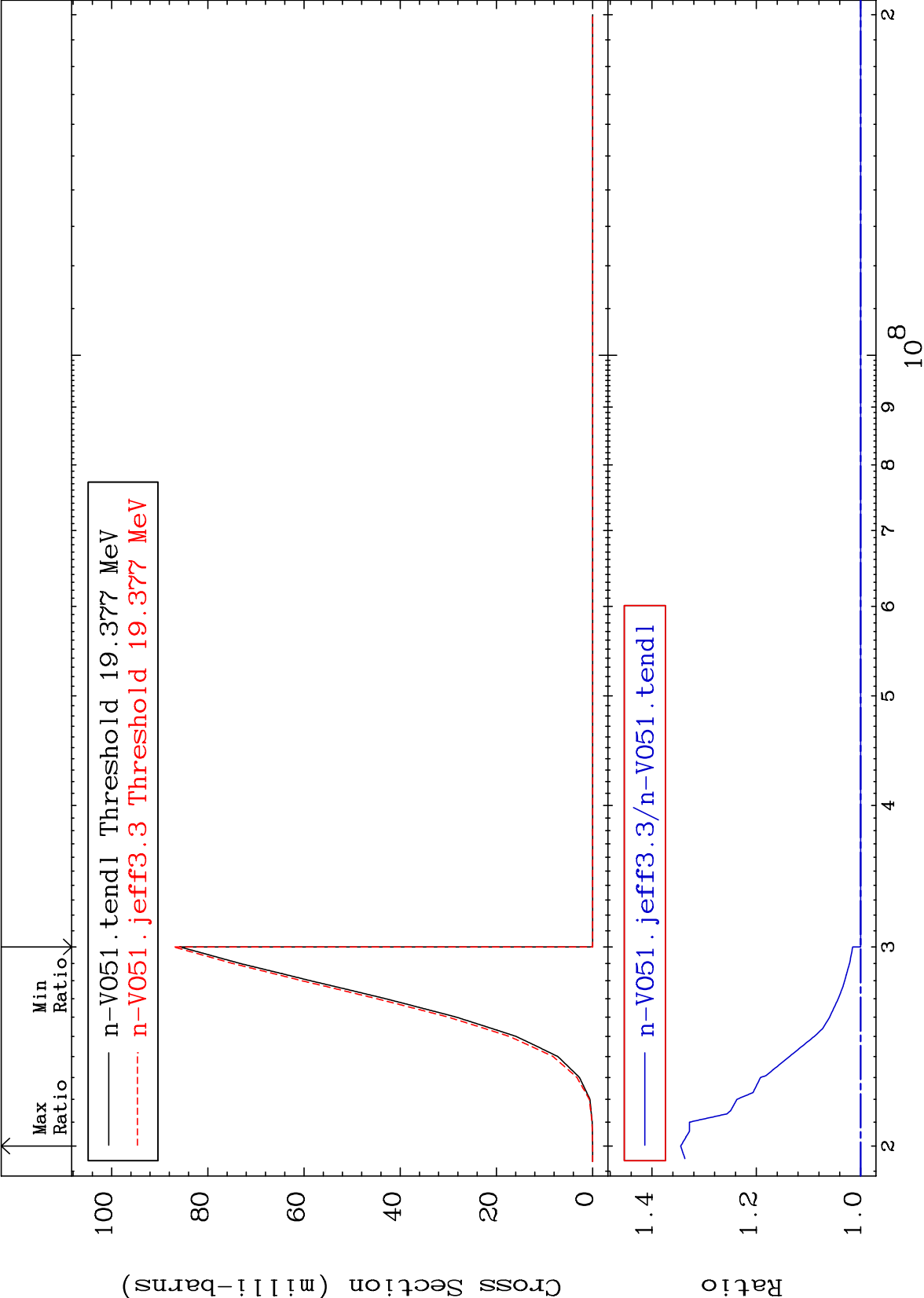
10

Incident Energy (eV)

23-V -51



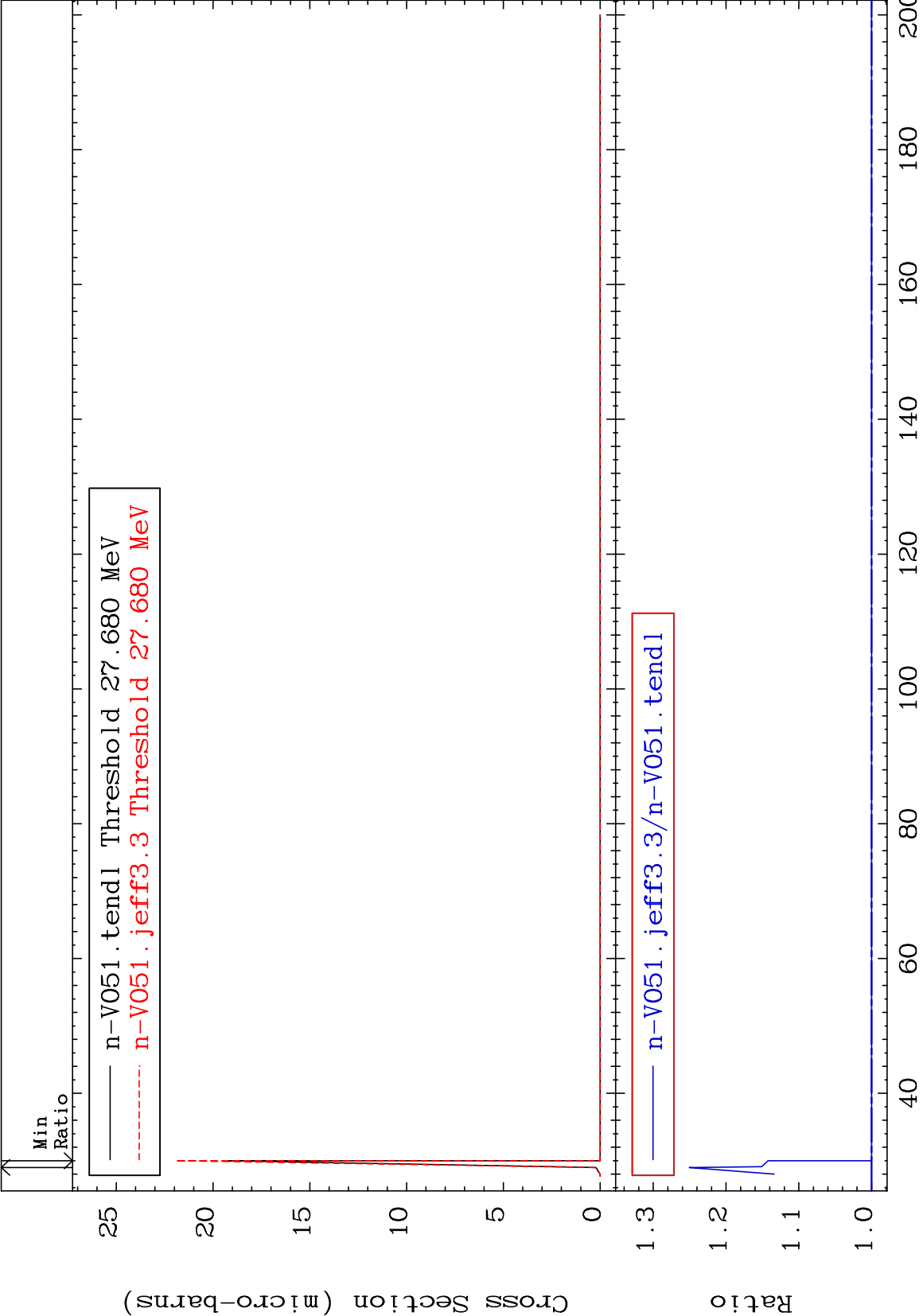




MAT 2328

(n,3n) p
Cross Section

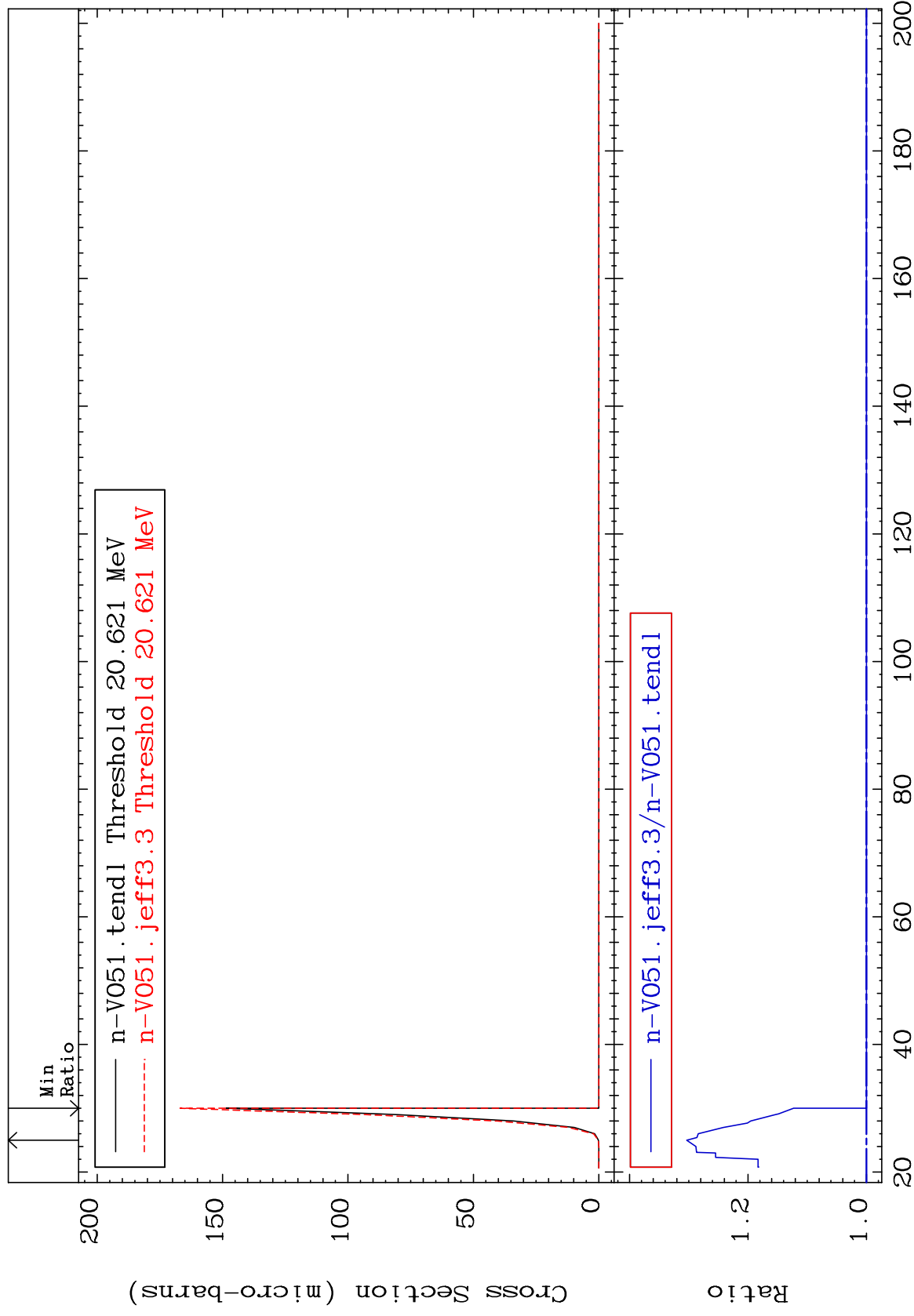
23-V -51
0.000 To 25.05 %



MAT 2328

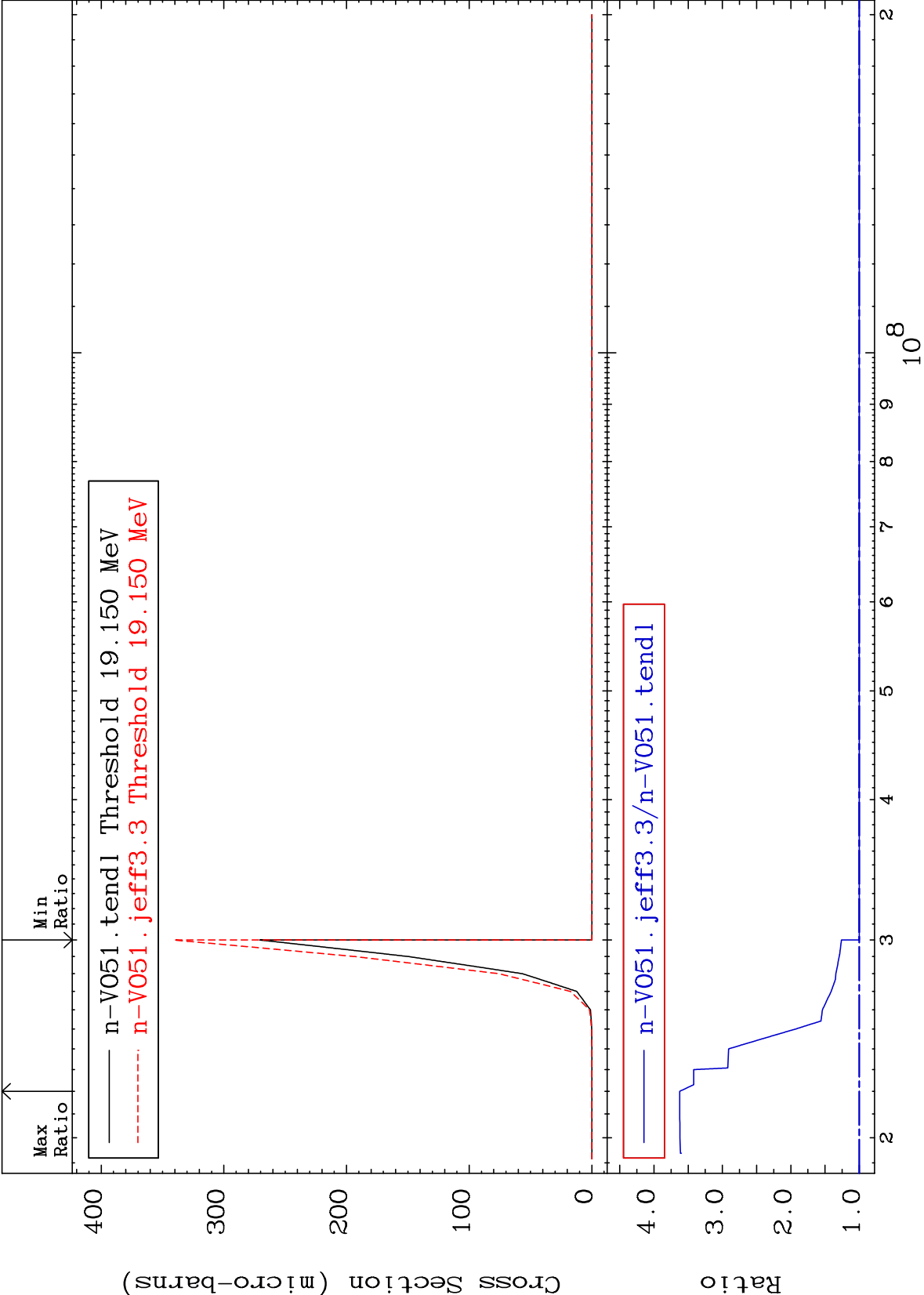
(n,2n) p
Cross Section

23-V -51
0.000 To 30.35 %



Incident Energy (MeV)

23-V -51



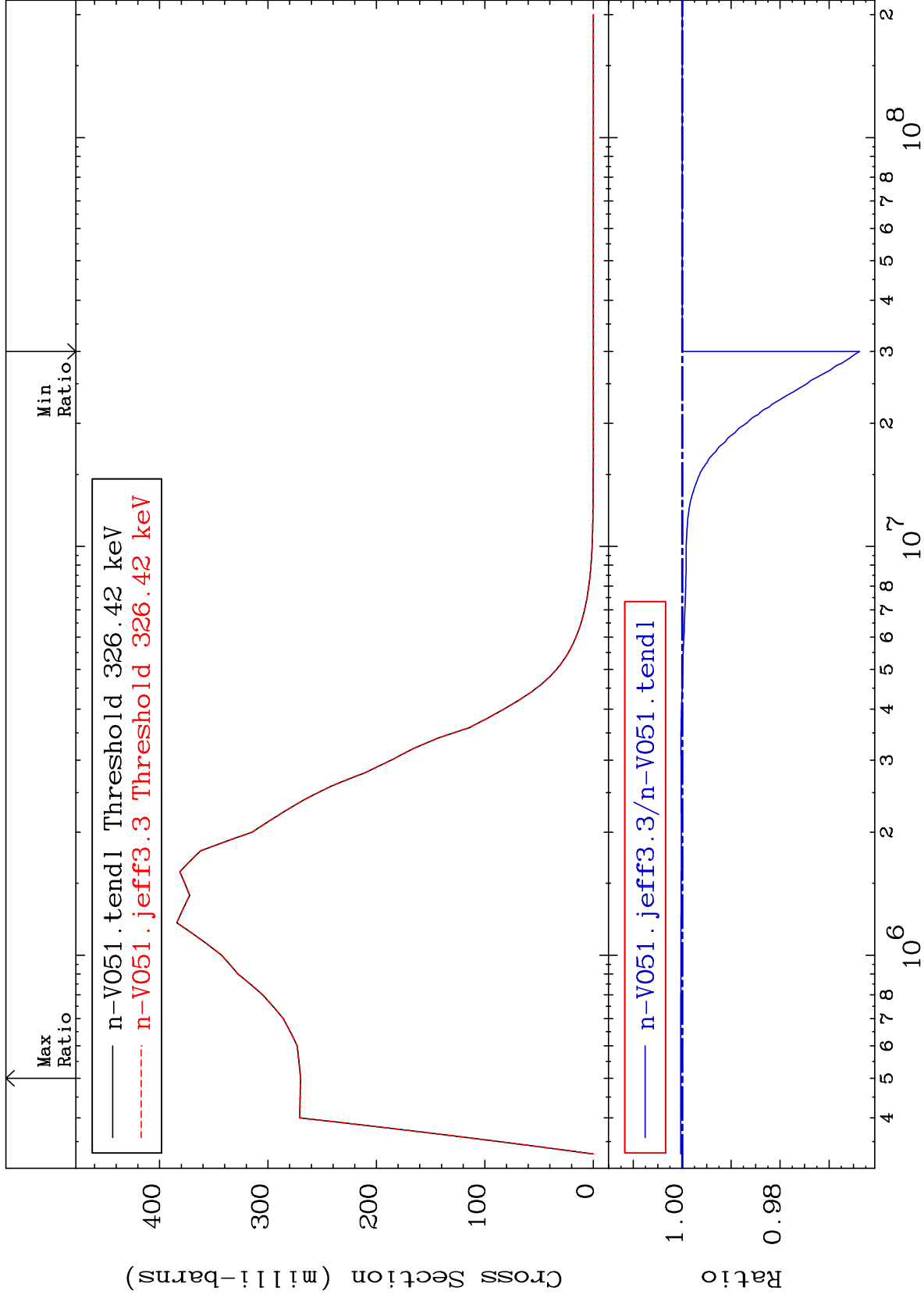
MAT 2328

MT= 51 (n,n') Level

23-V -51

Cross Section

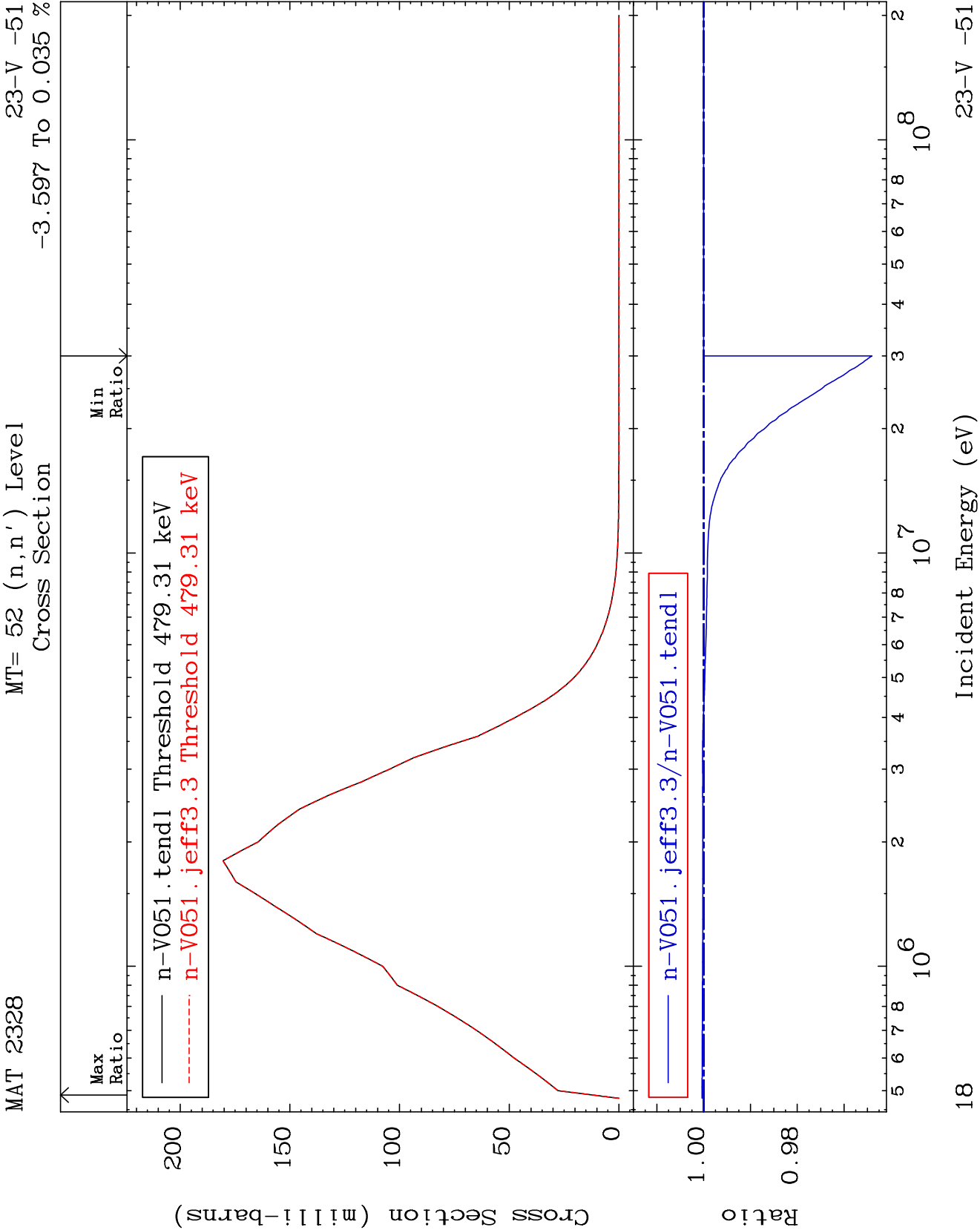
-3.623 To 0.030 %



17

Incident Energy (eV)

23-V -51



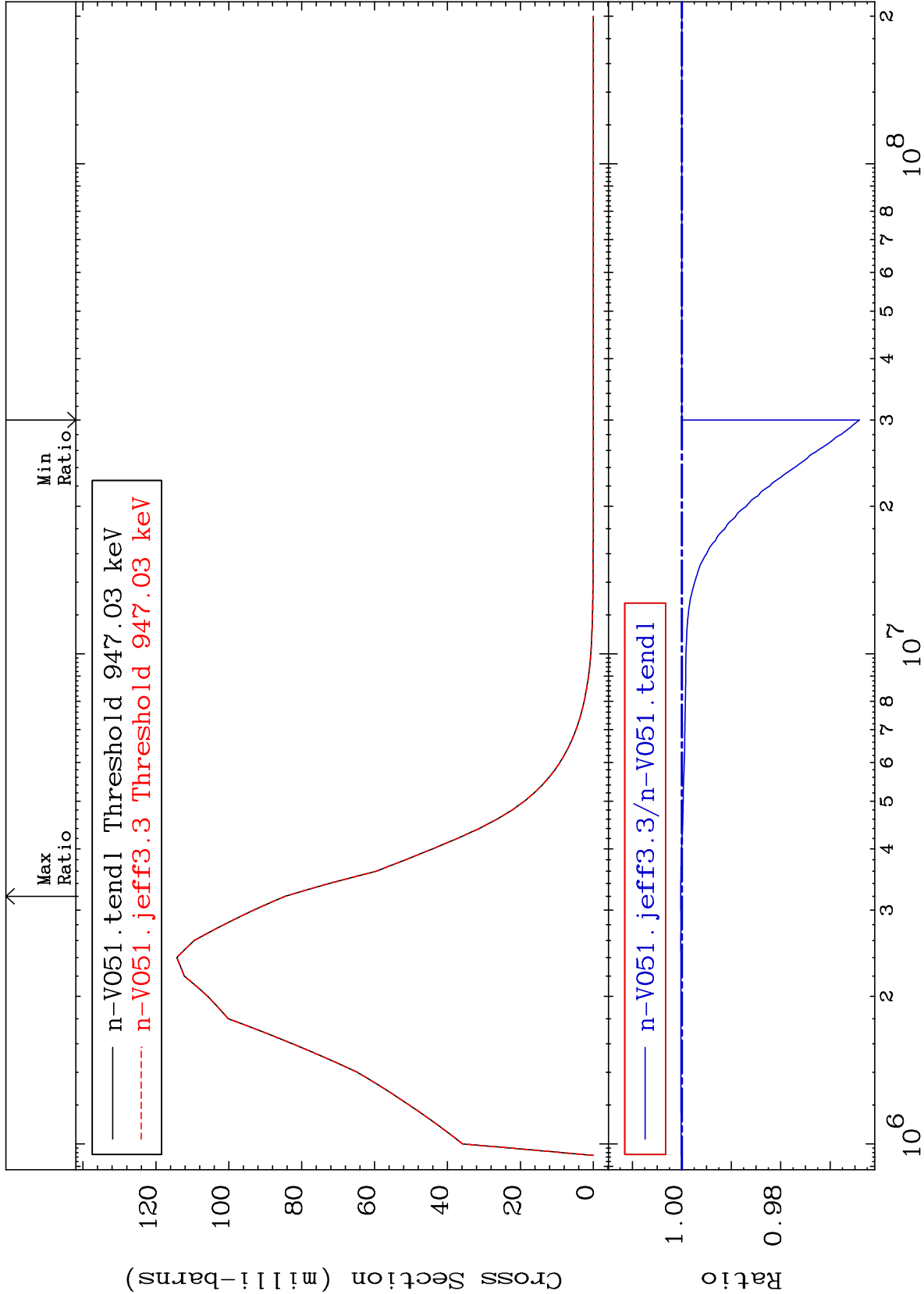
MAT 2328

MT= 53 (n,n') Level

23-V -51

Cross Section

-3.595 To 0.022 %



Incident Energy (eV)

23-V -51

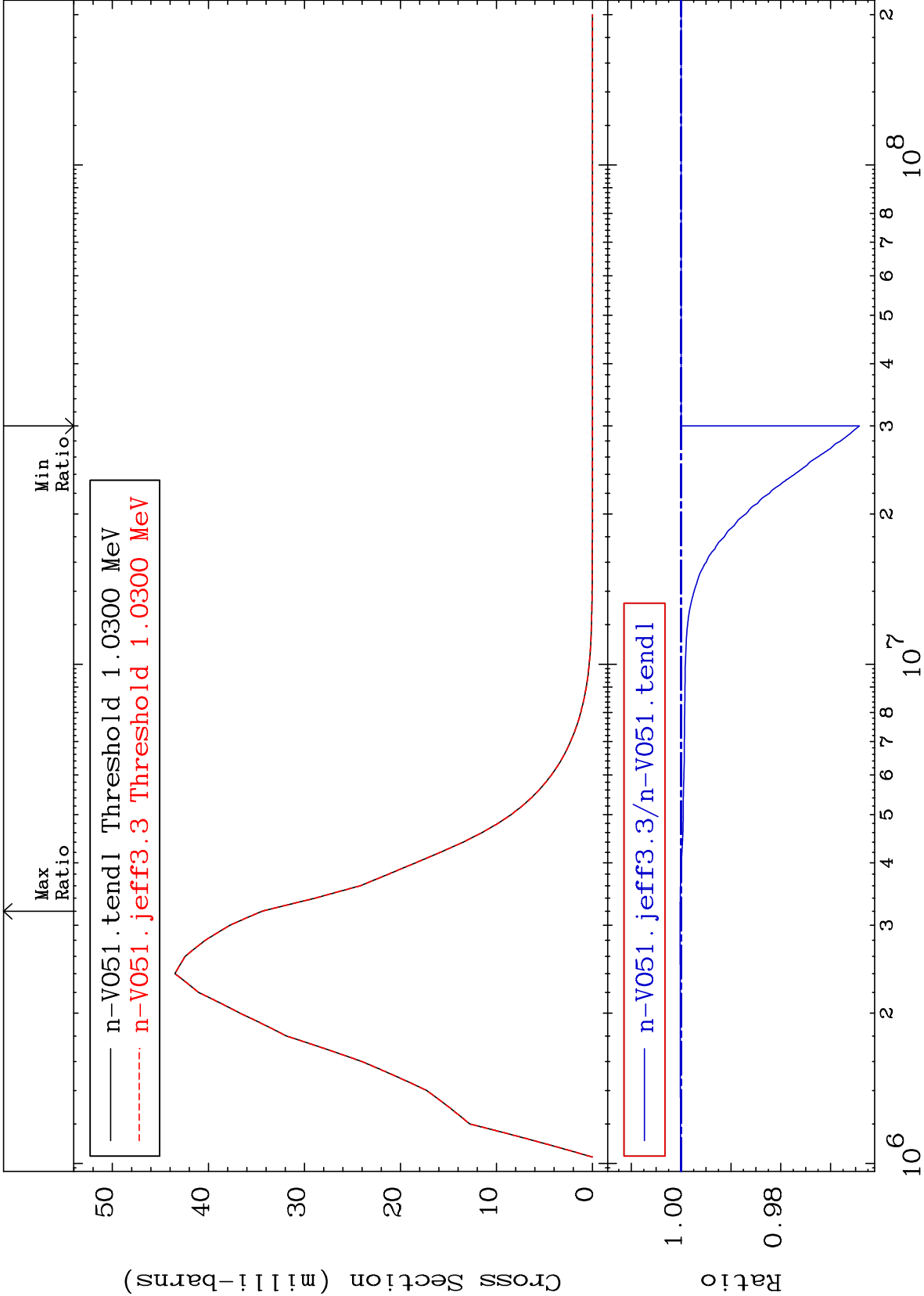
MAT 2328

MT= 54 (n,n') Level

23-V -51

-3.577 To 0.019 %

Cross Section

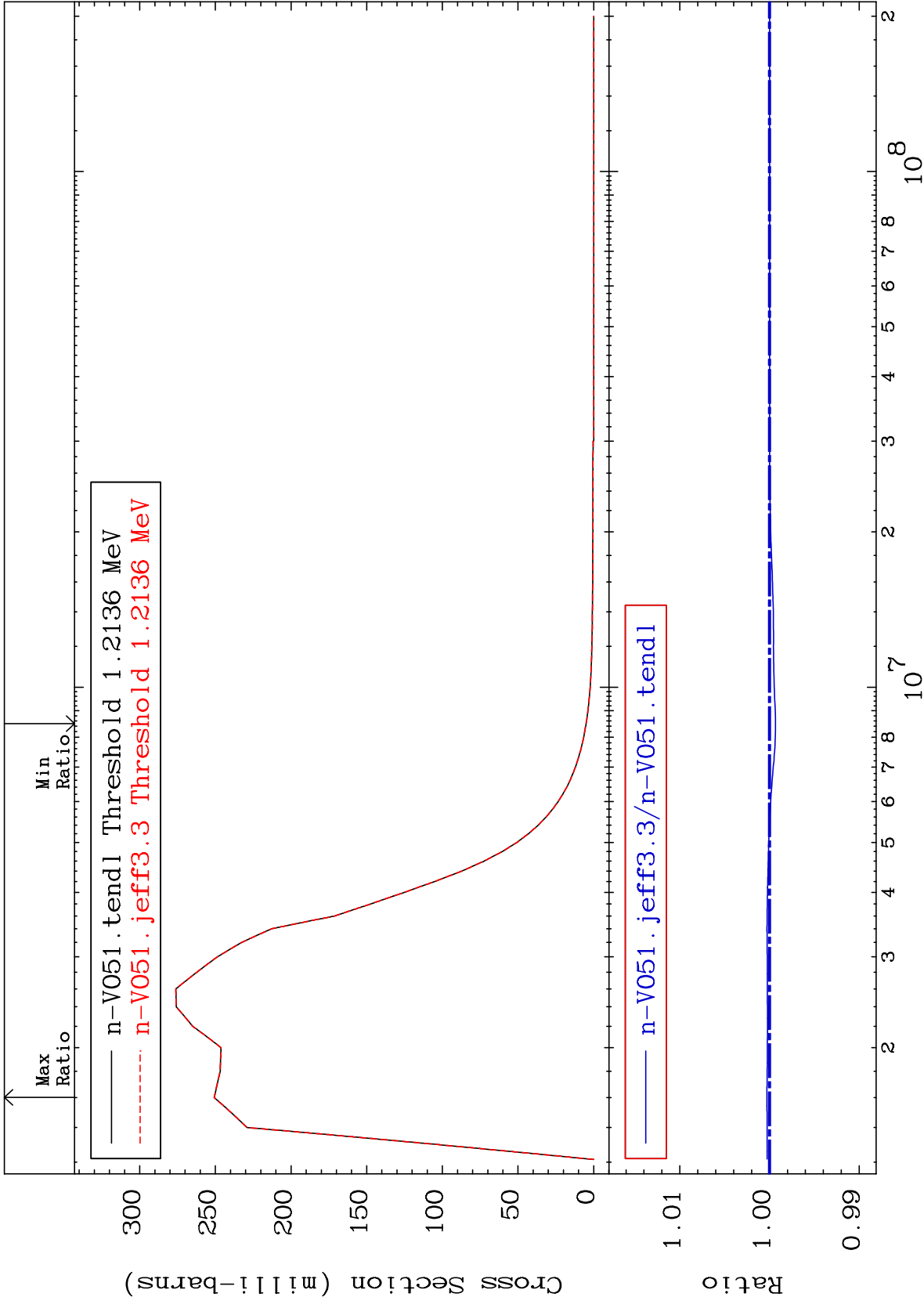


23-V -51

MAT 2328

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

23-V -51
-0.067 To 0.030 %



21

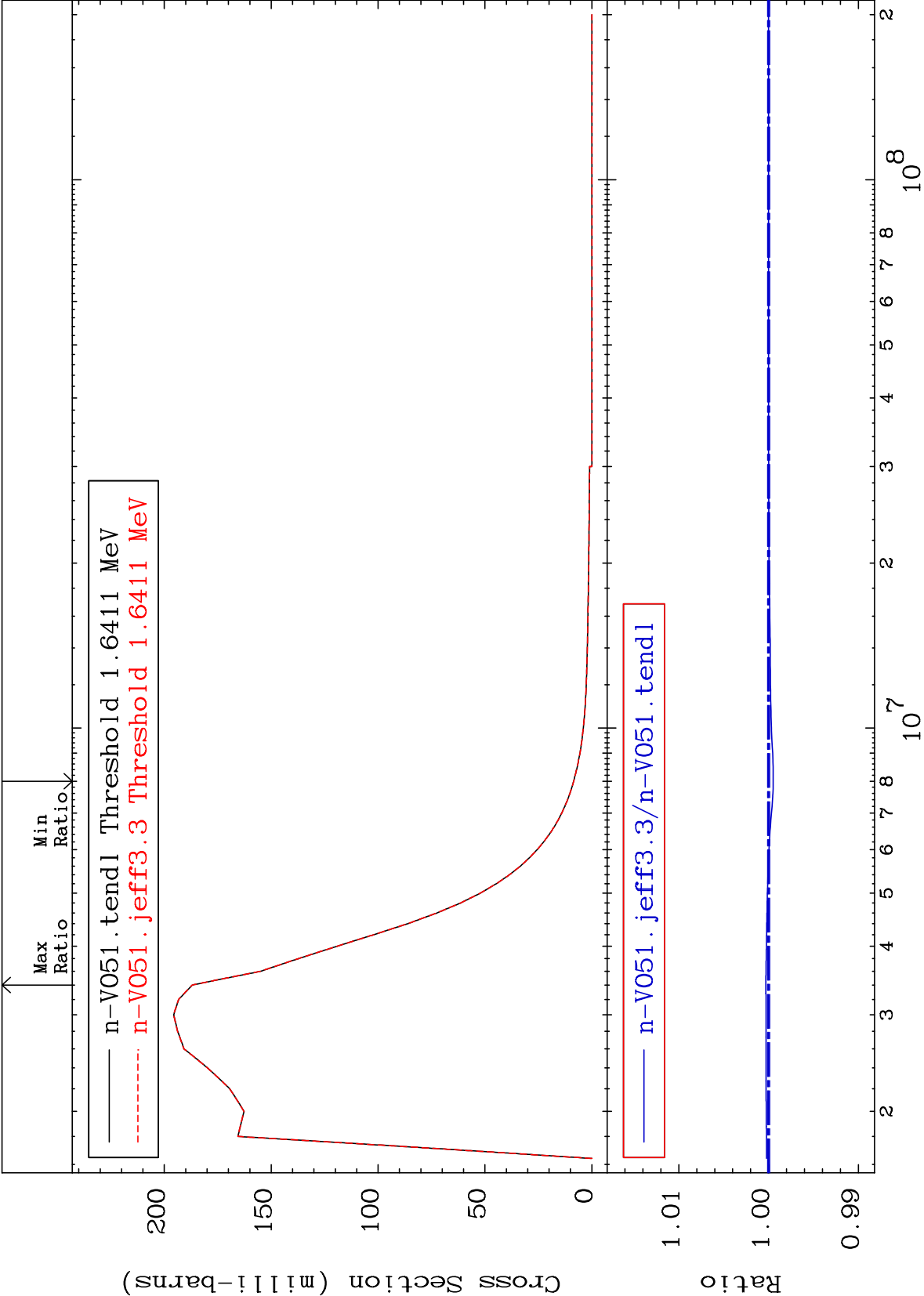
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.051 To 0.031 %



22

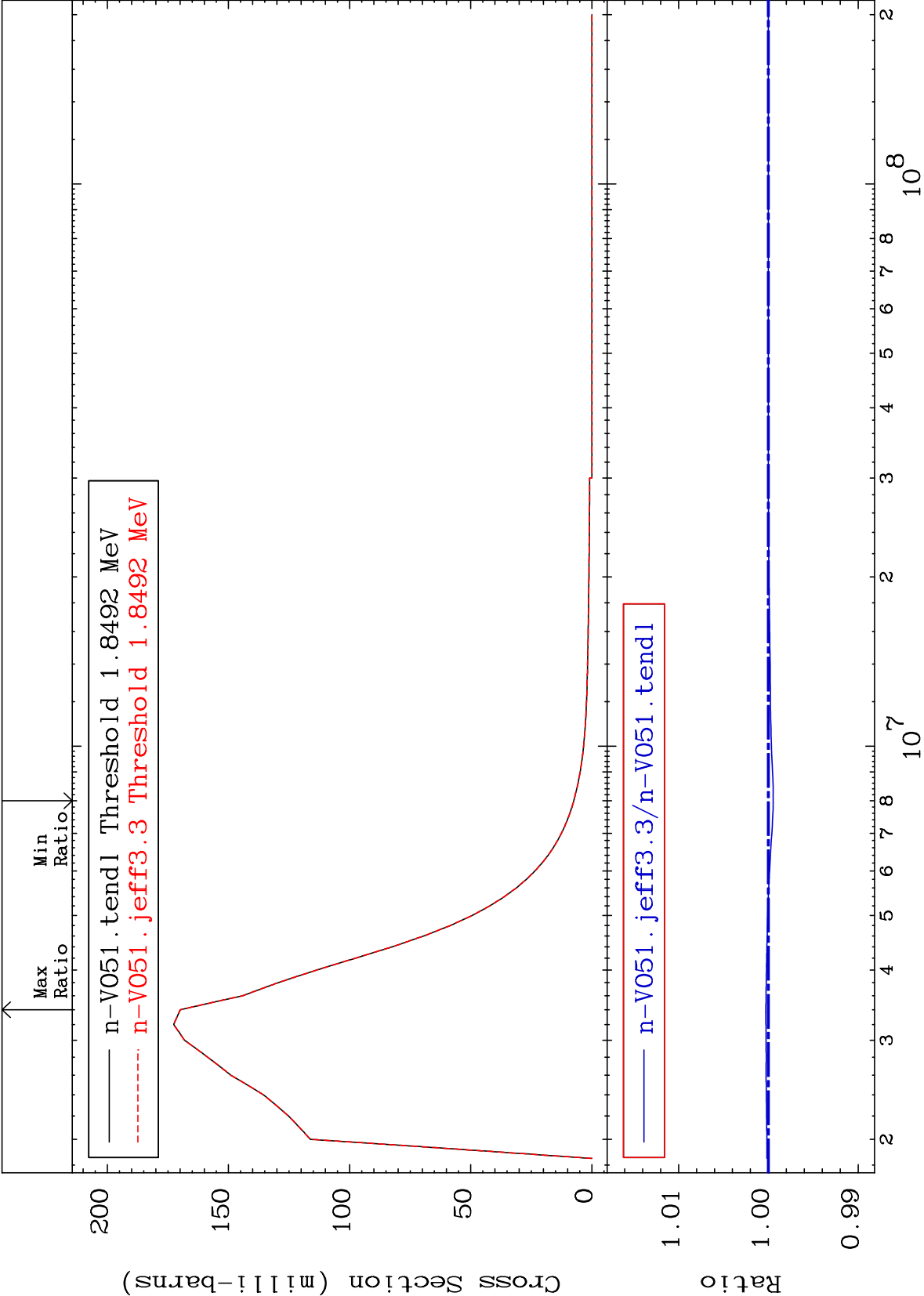
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.053 To 0.028 %



23

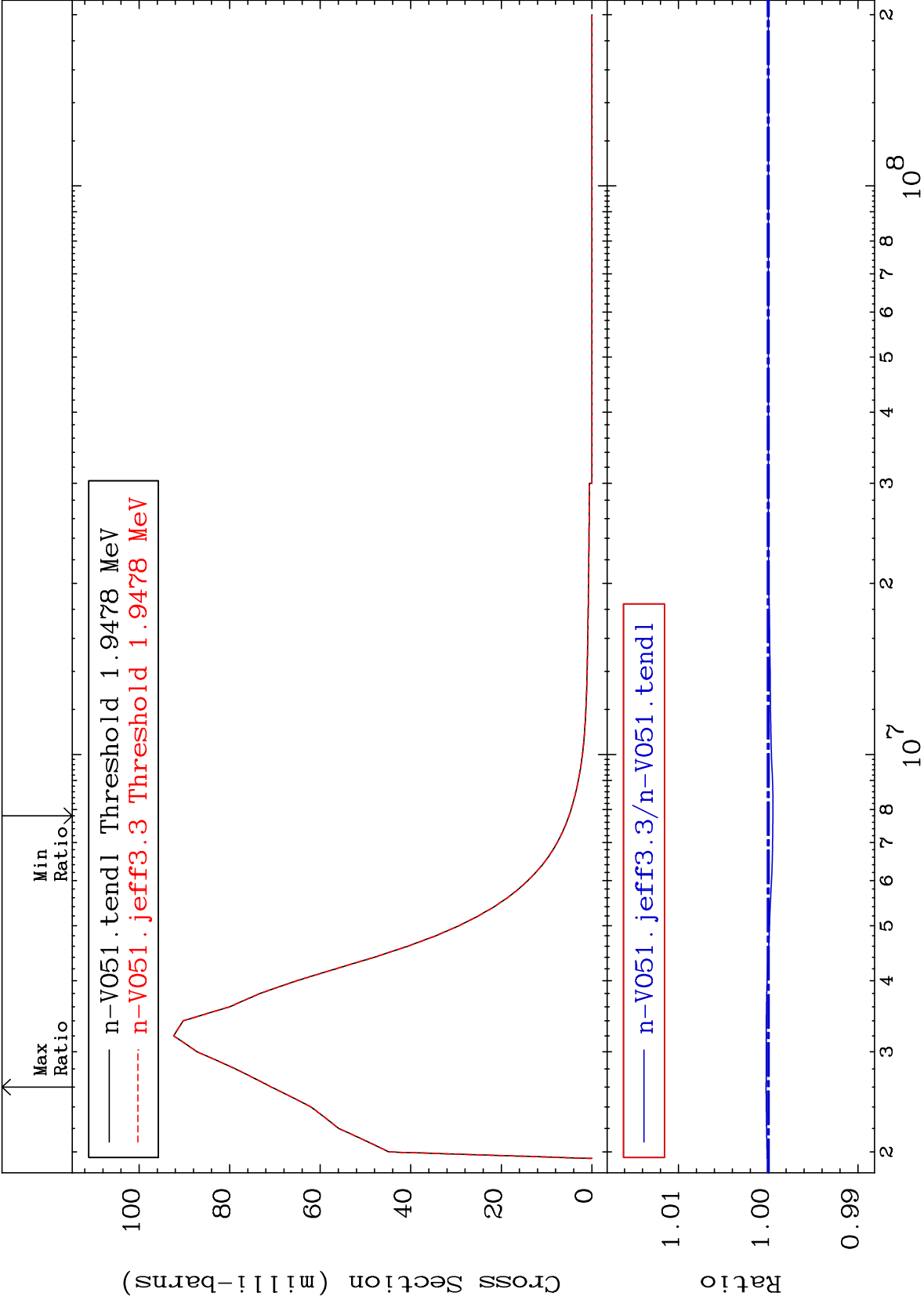
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.052 To 0.024 %



24

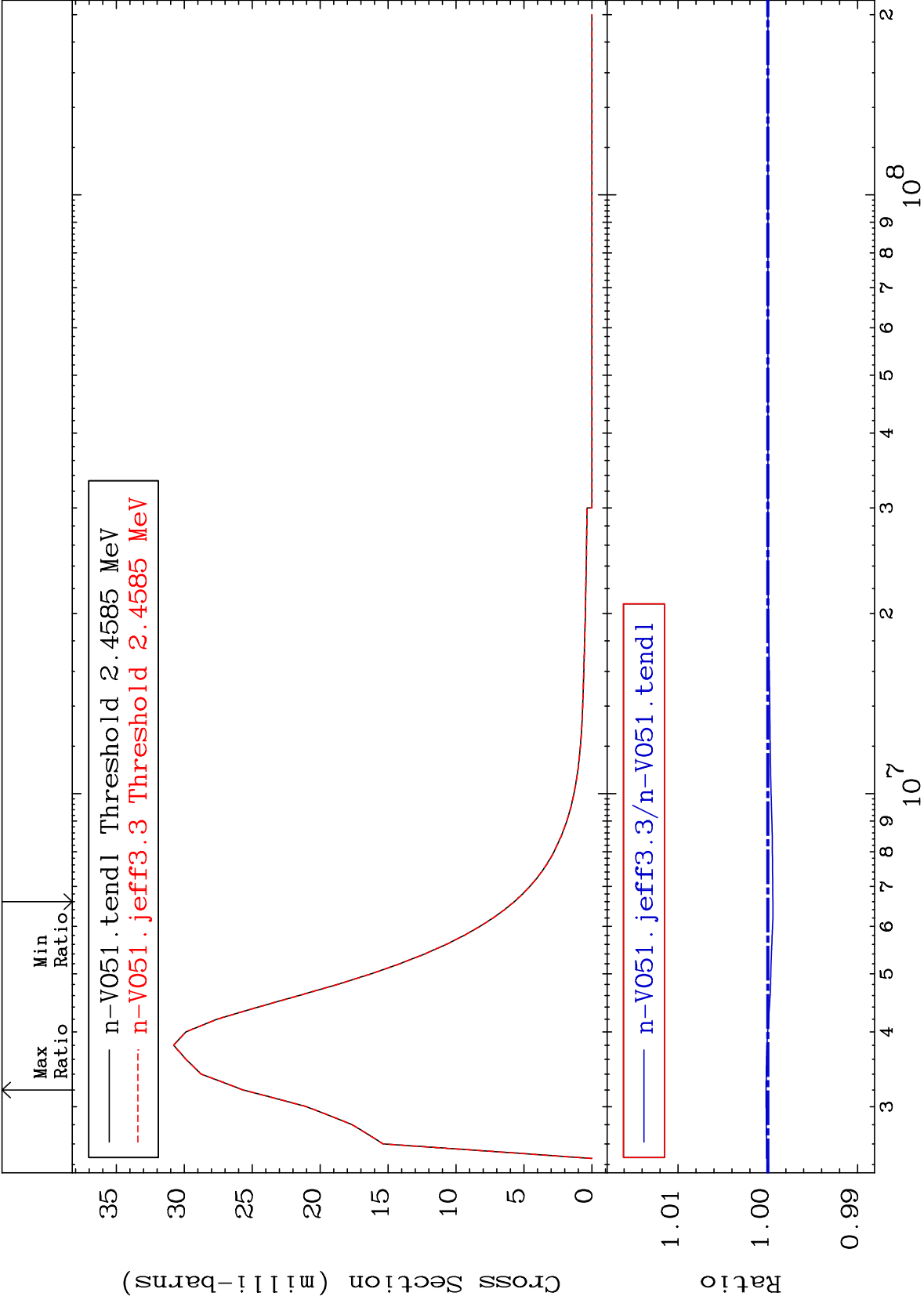
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.057 To 0.020 %



25

Incident Energy (eV)

23-V -51

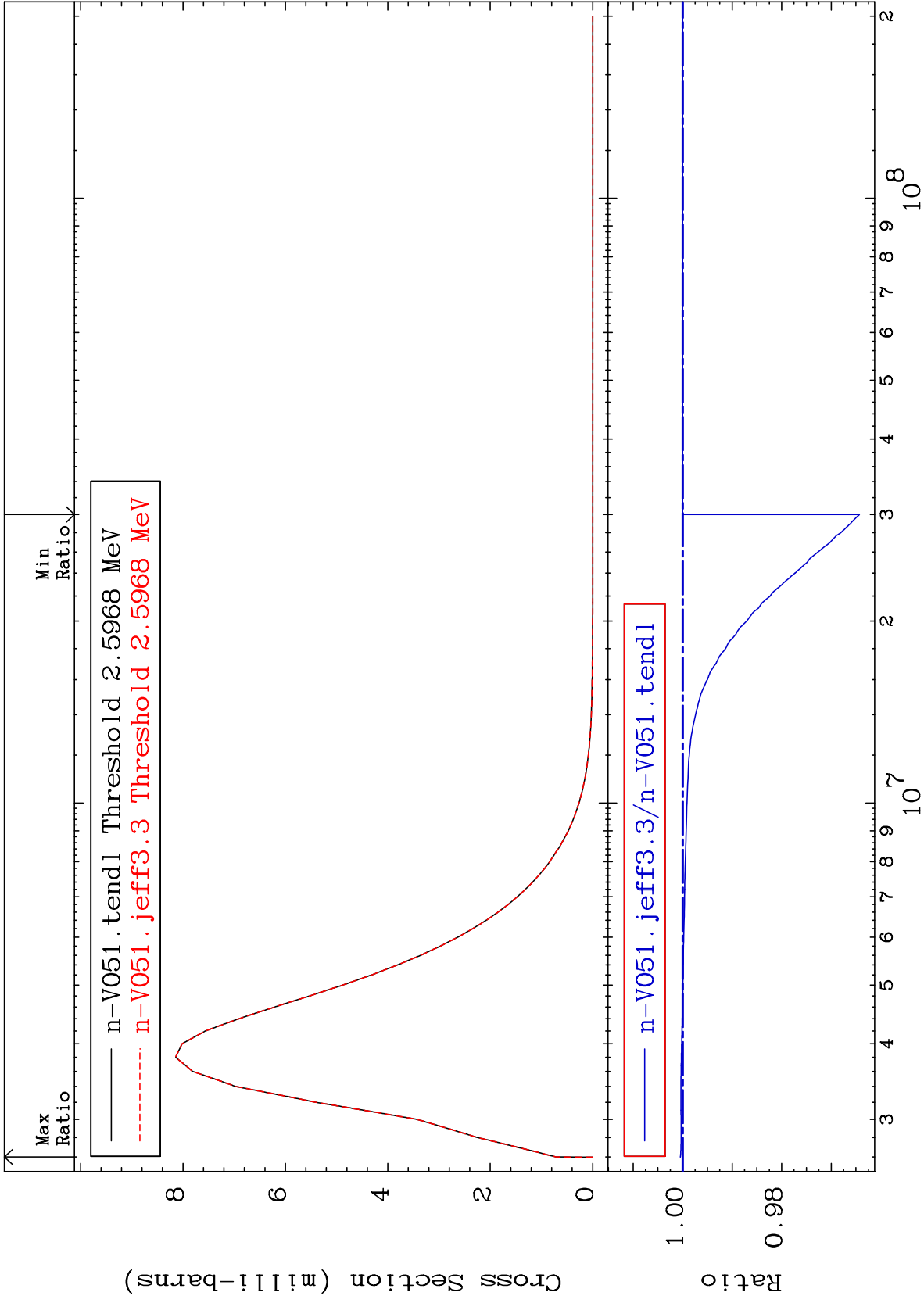
MAT 2328

MT= 60 (n,n') Level

23-V -51

-3.570 To 0.046 %

Cross Section



26

Incident Energy (eV)

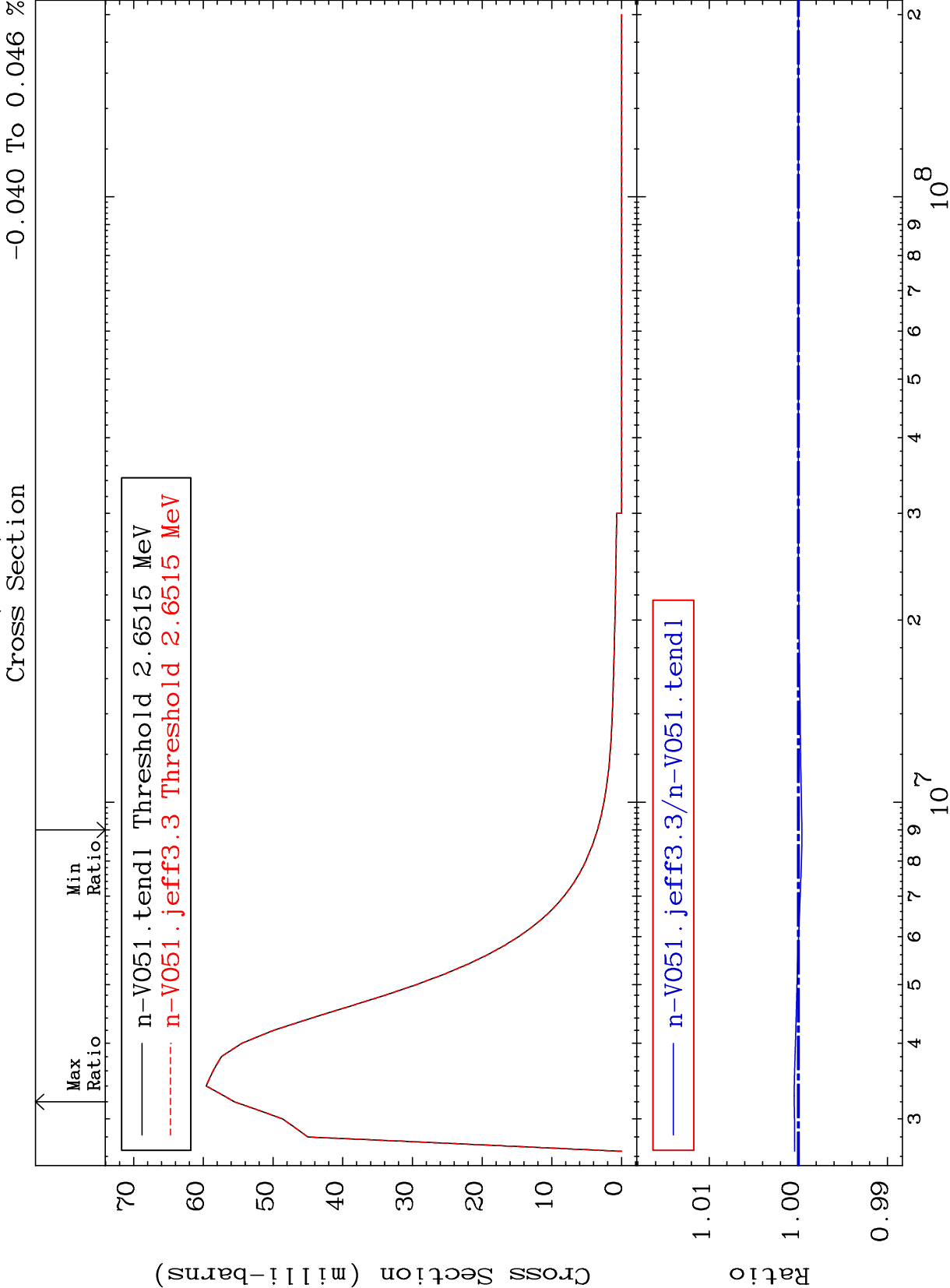
23-V -51

MAT 2328

MT= 61 (n,n') Level

23-V -51

-0.040 To 0.046 %



27

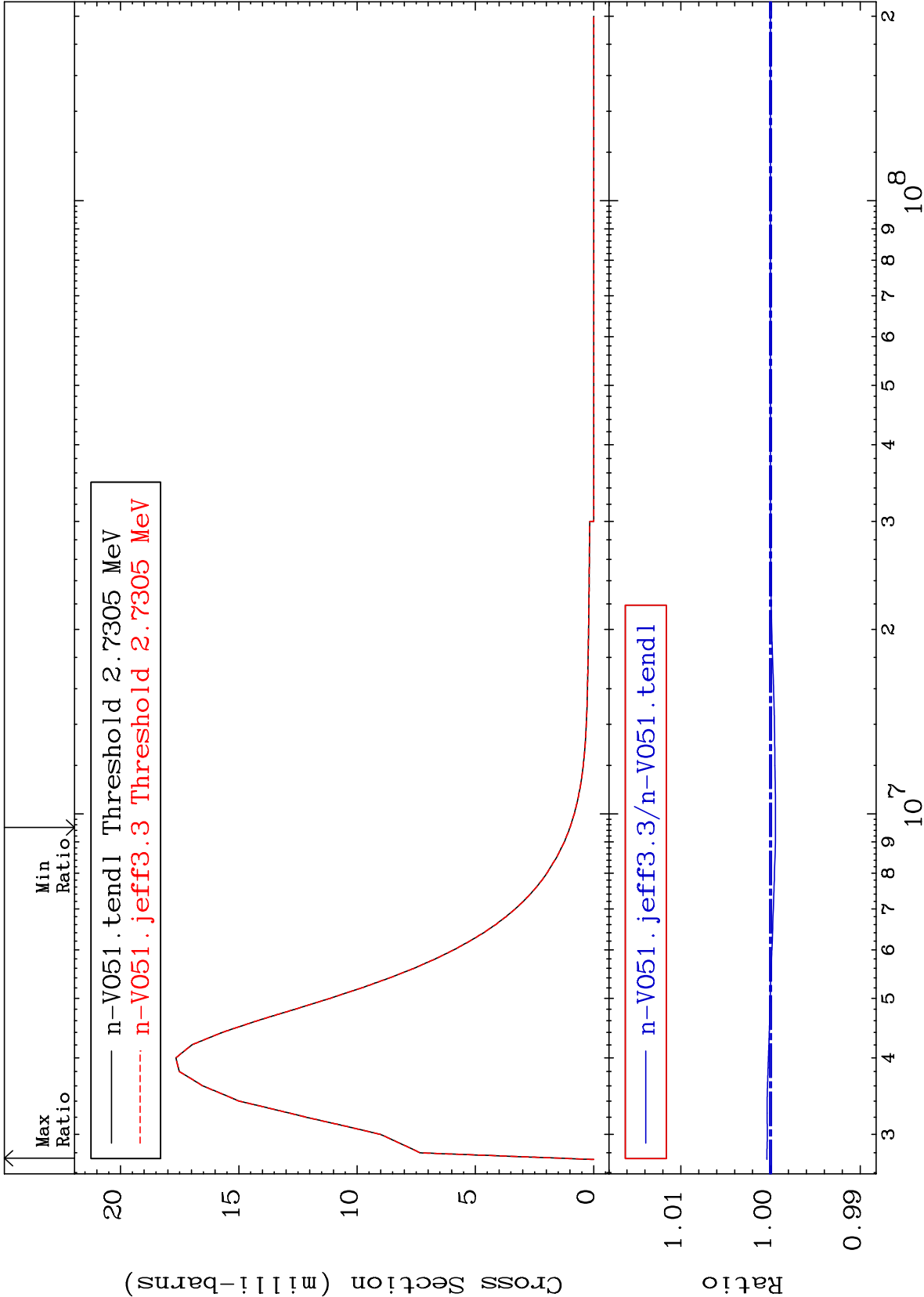
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.056 To 0.041 %



28

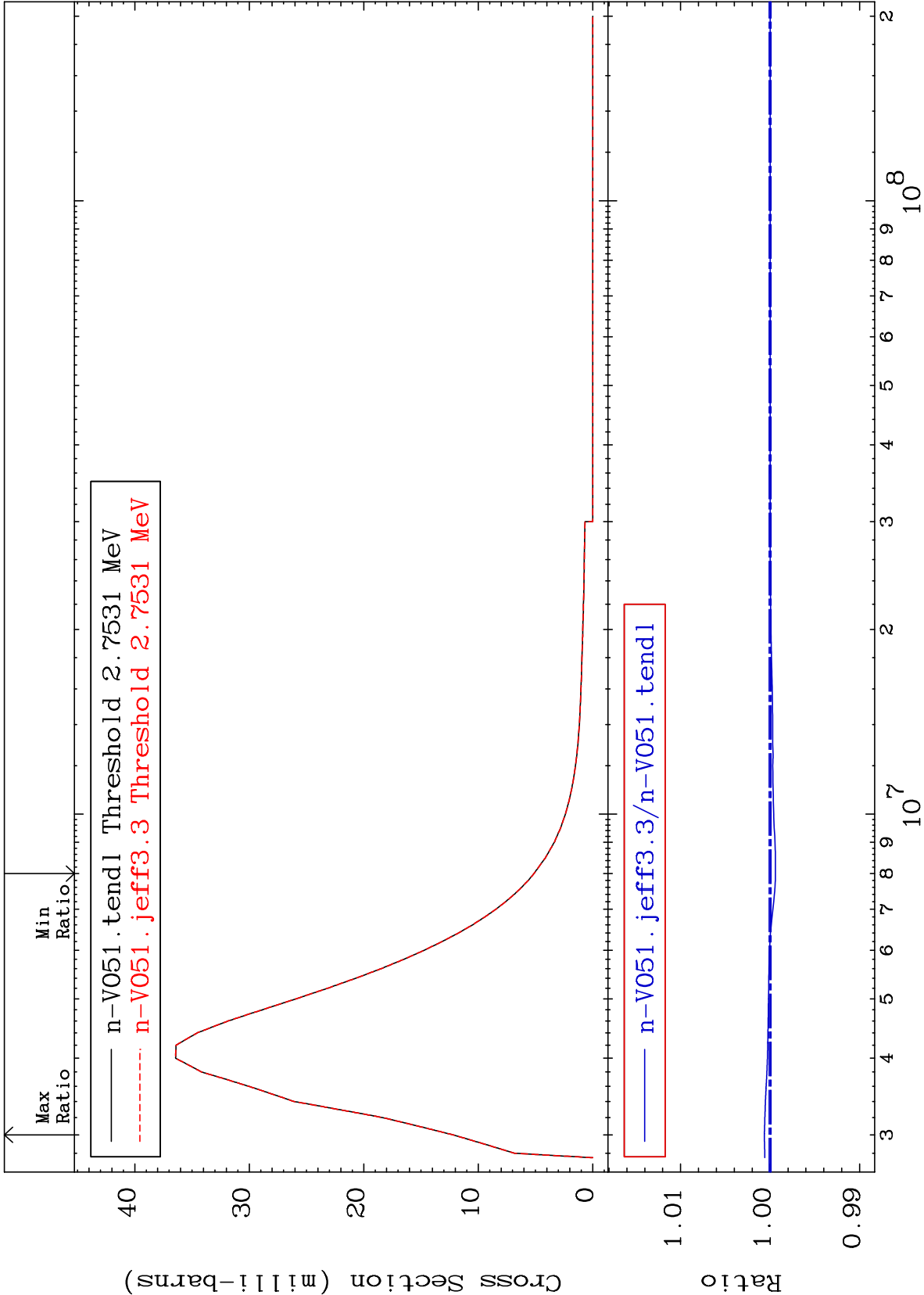
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.060 To 0.065 %



29

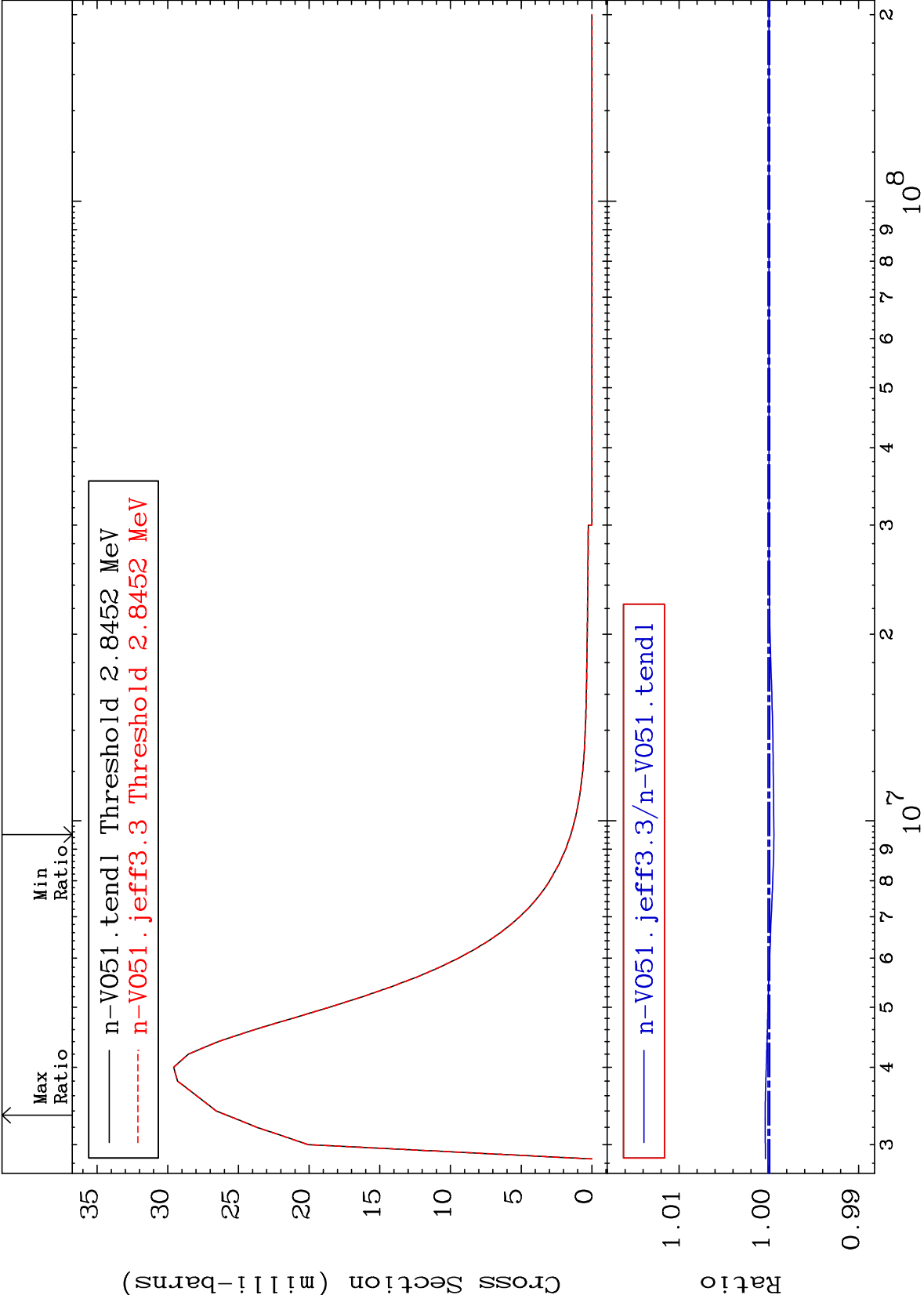
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.056 To 0.041 %



30

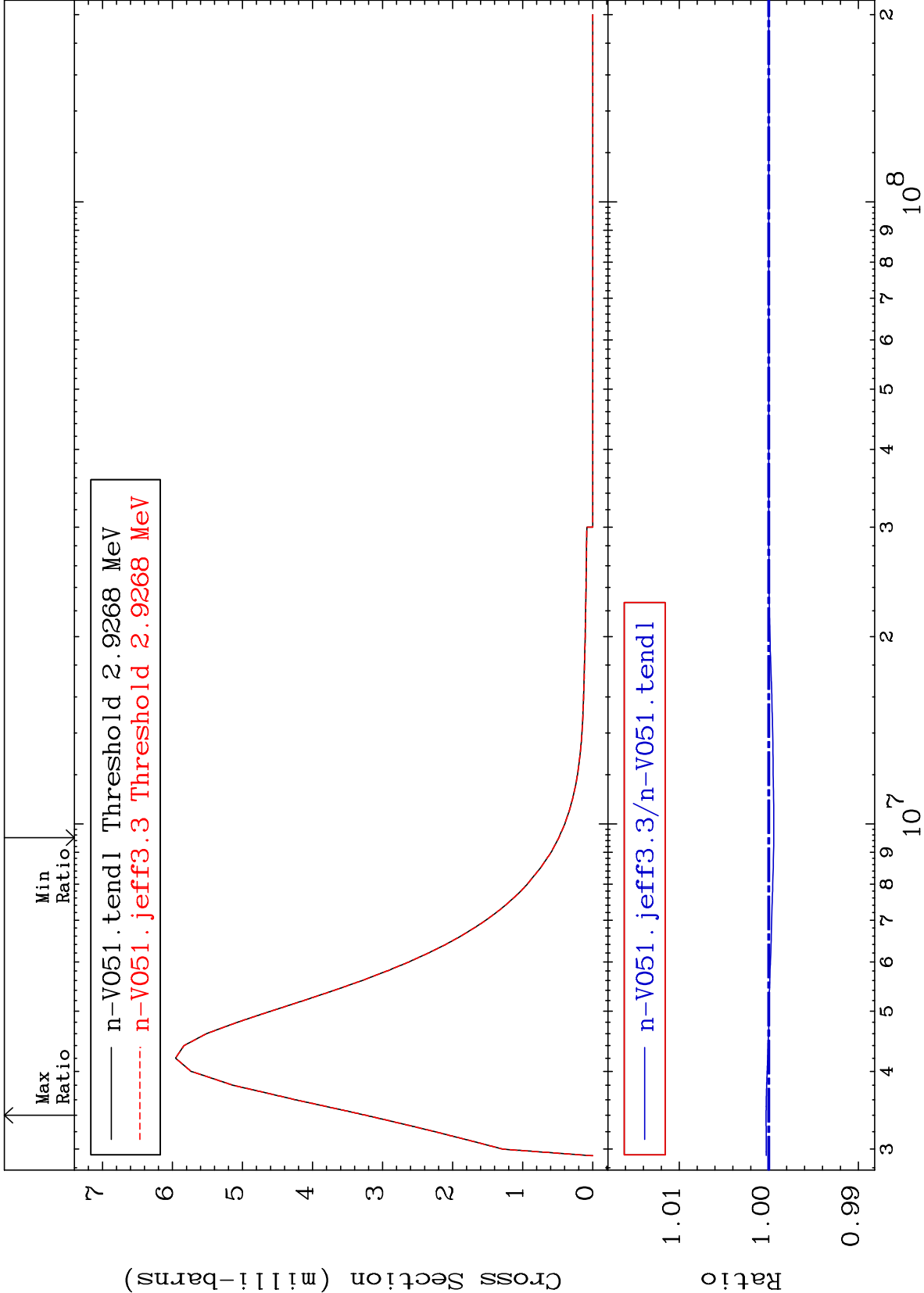
Incident Energy (eV)

23-V -51

MAT 2328

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

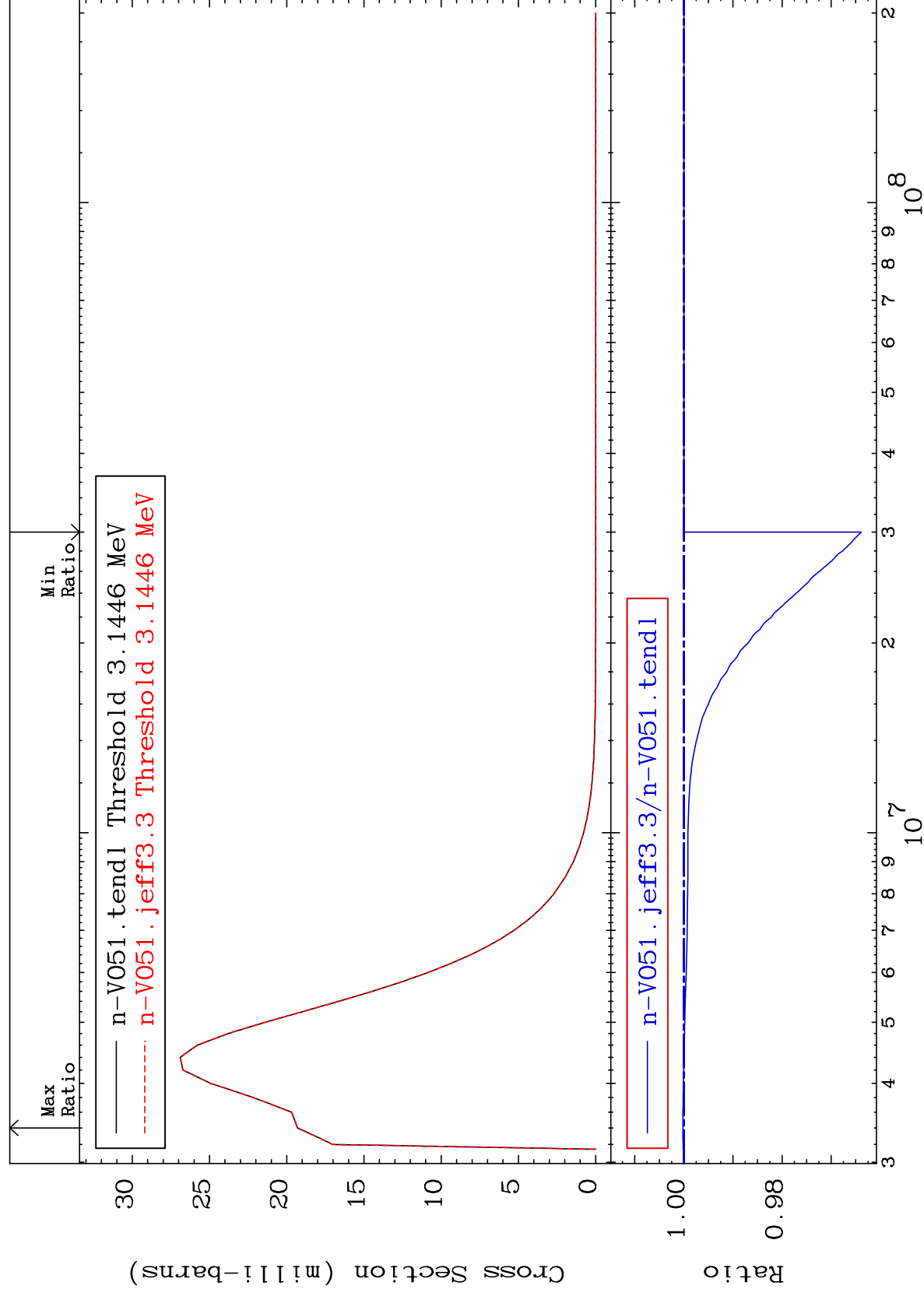
23-V -51
-0.056 To 0.030 %



MAT 2328

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

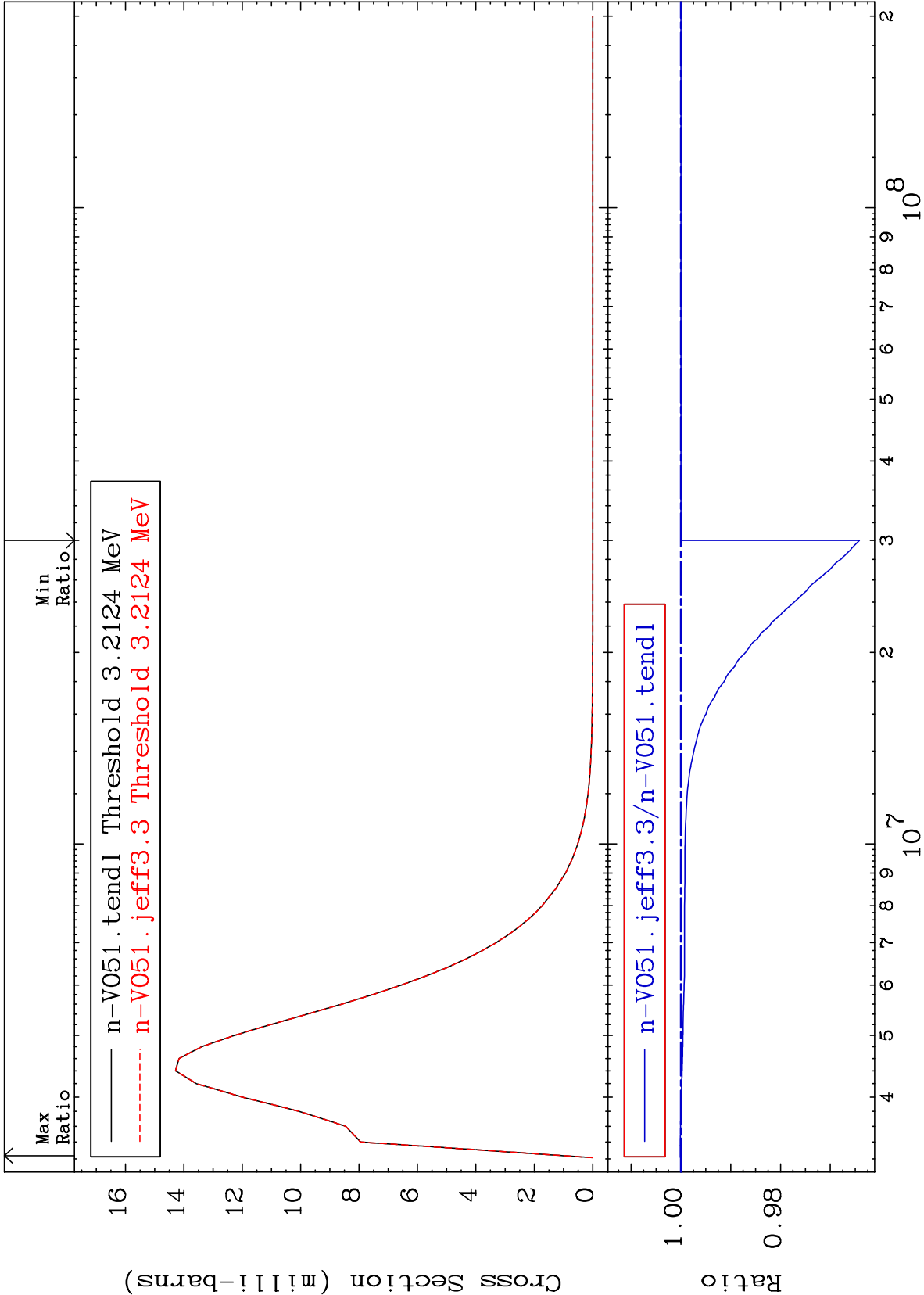
23-V -51
-3.612 To 0.019 %



32

Incident Energy (eV)

23-V -51



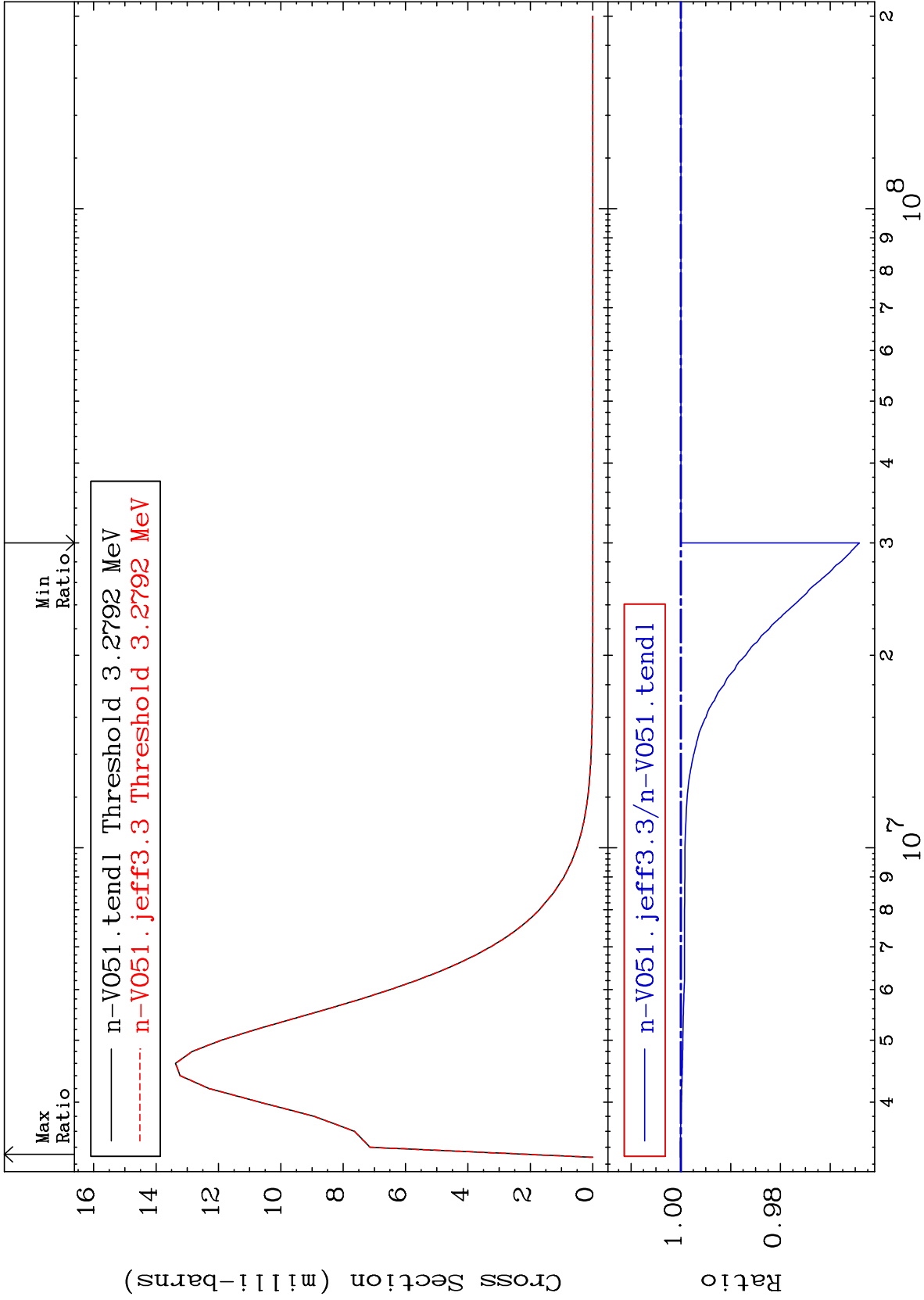
MAT 2328

MT= 68 (n,n') Level

23-V -51

-3.584 To 0.010 %

Cross Section



34

Incident Energy (eV)

23-V -51

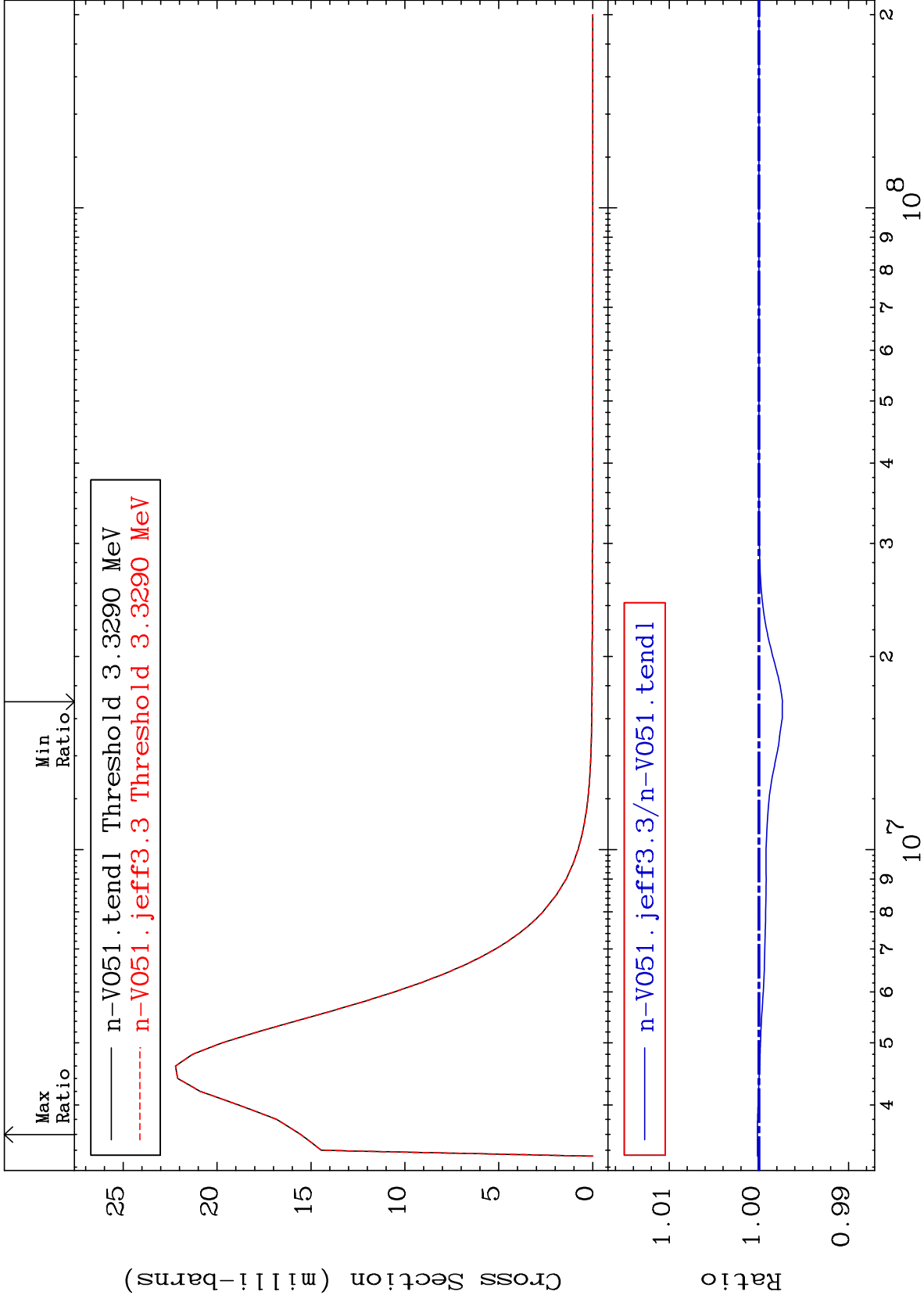
MAT 2328

MT= 69 (n,n') Level

23-V -51

-0.262 To 0.017 %

Cross Section



35

Incident Energy (eV)

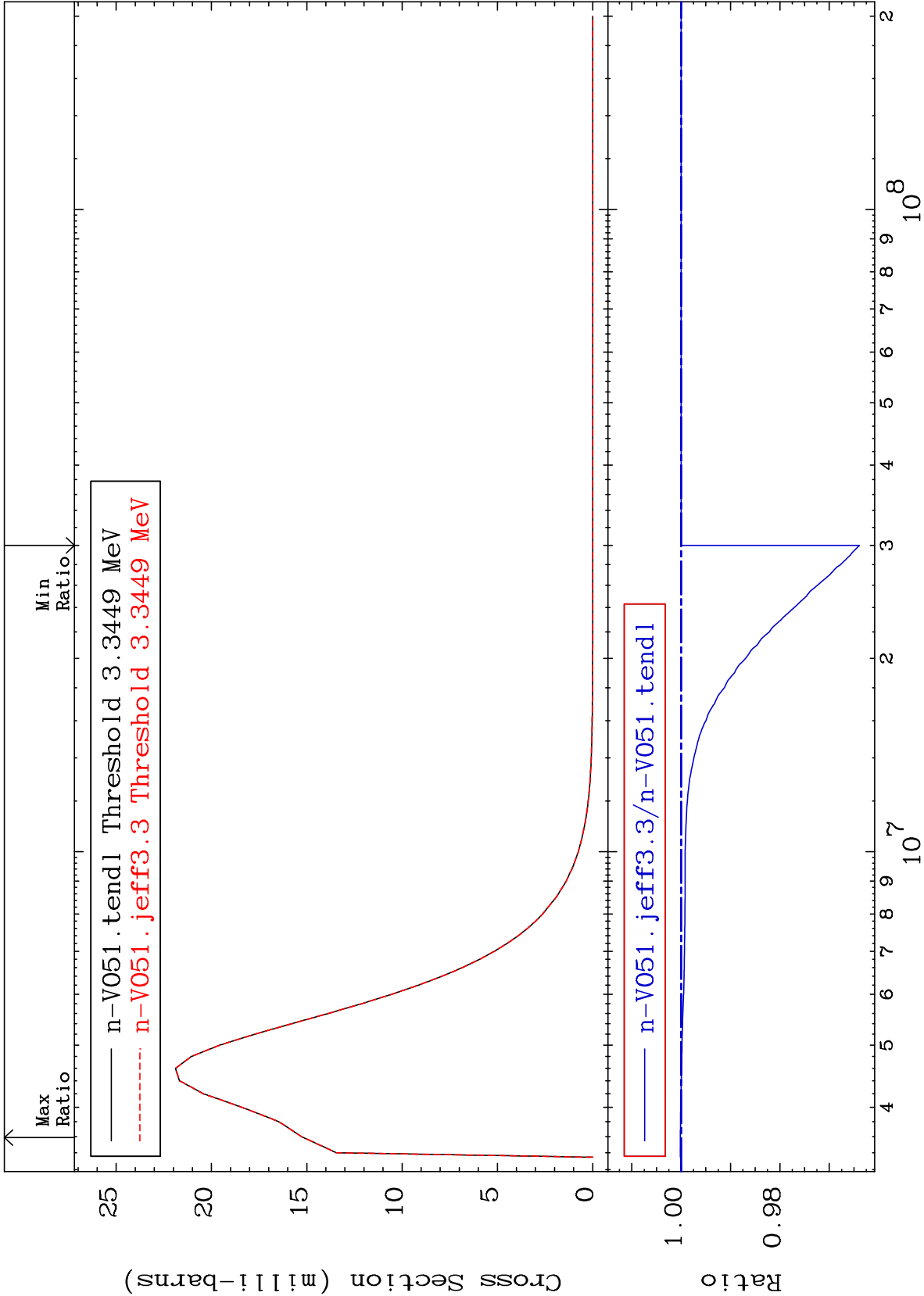
23-V -51

MAT 2328

MT= 70 (n,n') Level

23-V -51

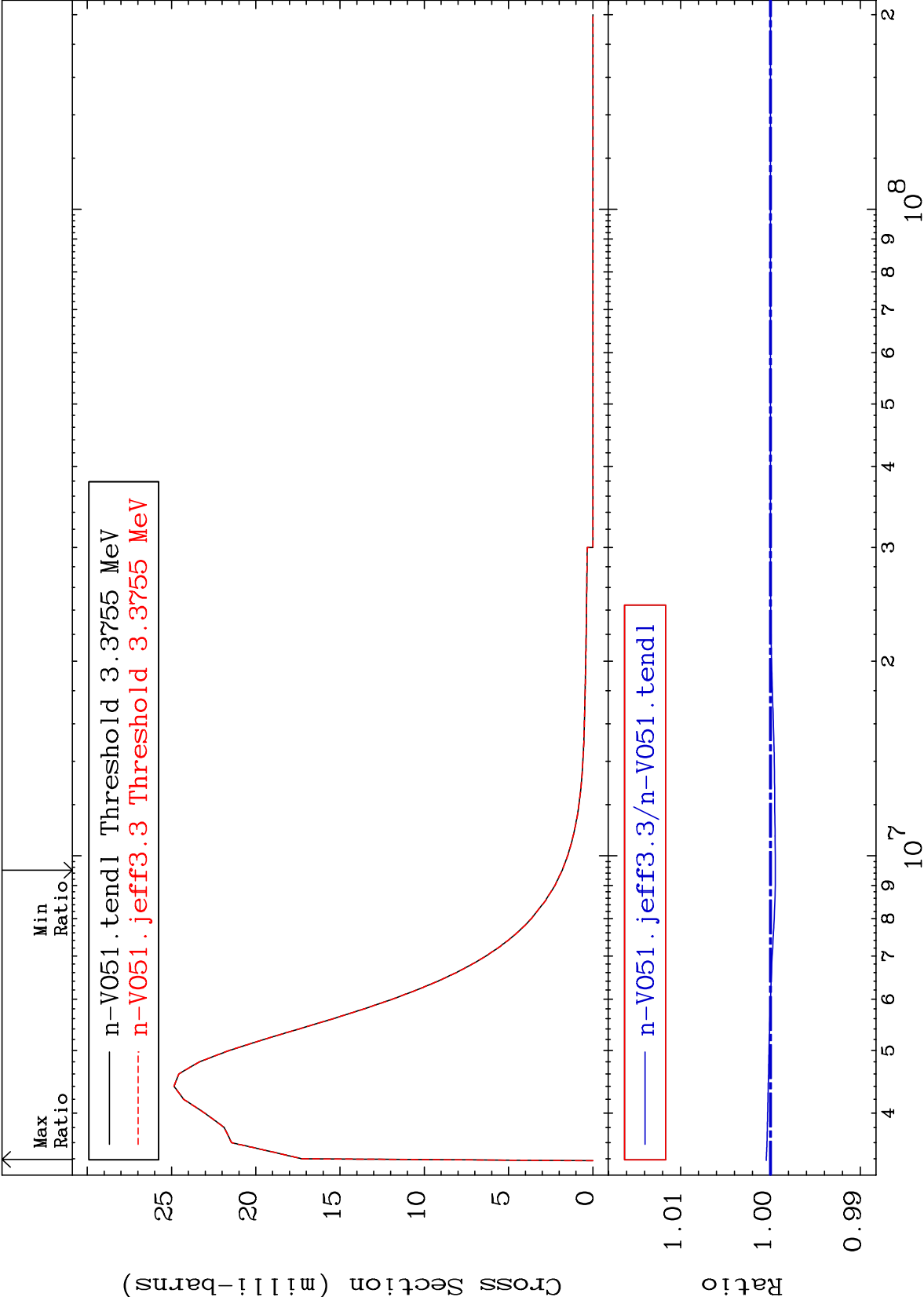
-3.611 To 0.016 %



MAT 2328

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

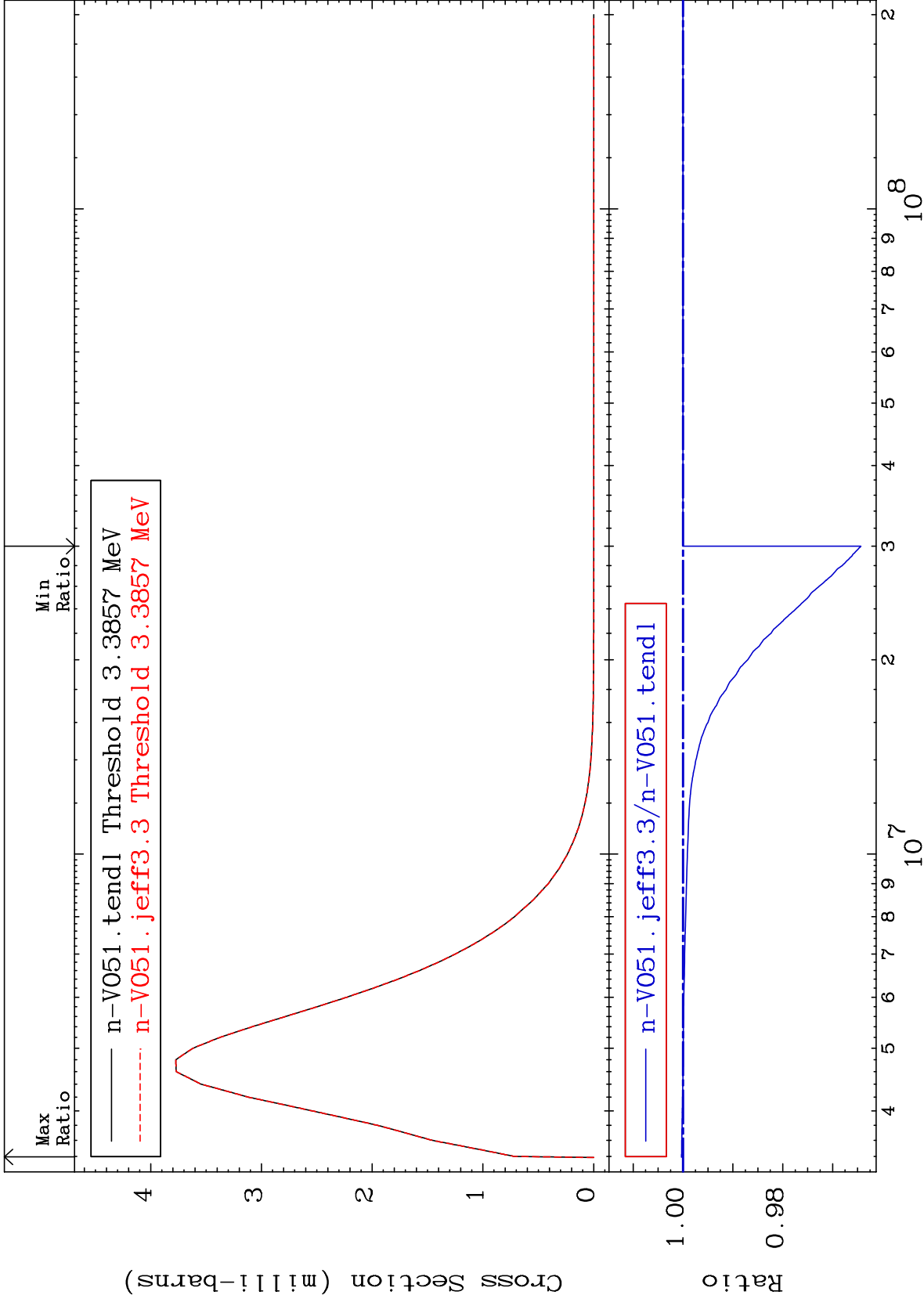
23-V -51
-0.055 To 0.047 %



MAT 2328

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

23-V -51
-3.567 To 0.030 %



38

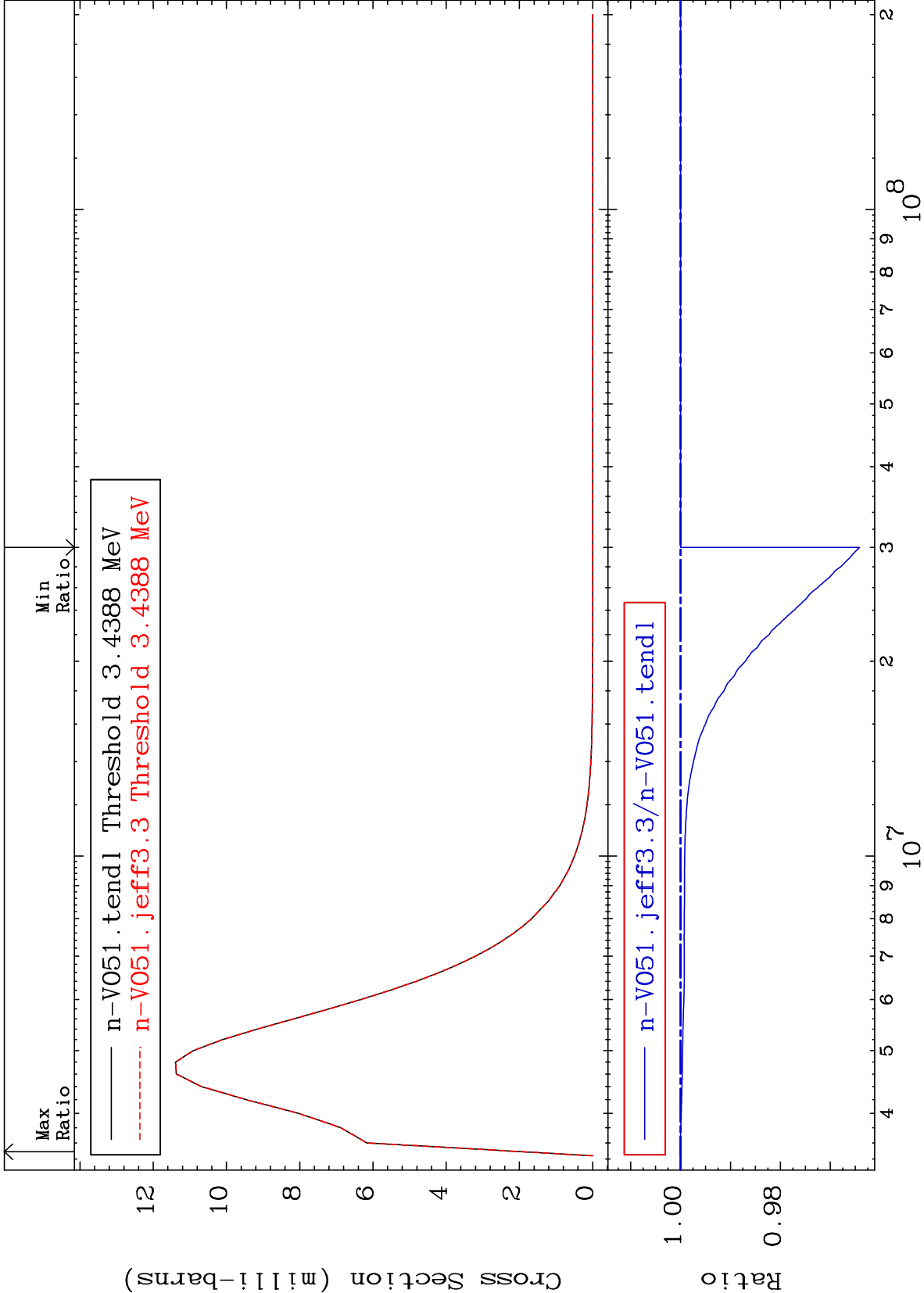
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-3.583 To 0.004 %



39

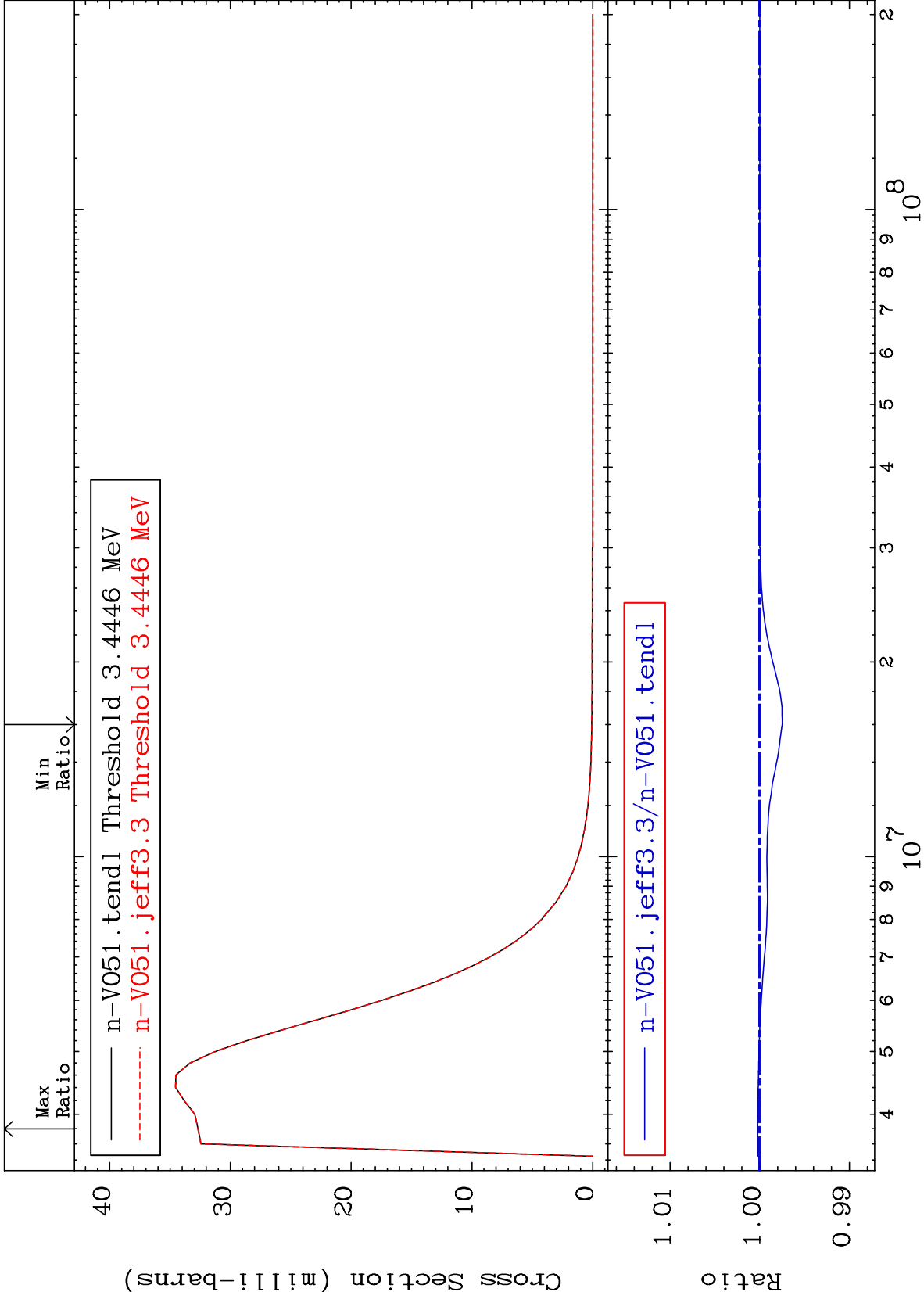
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.251 To 0.024 %



40

Incident Energy (eV)

23-V -51

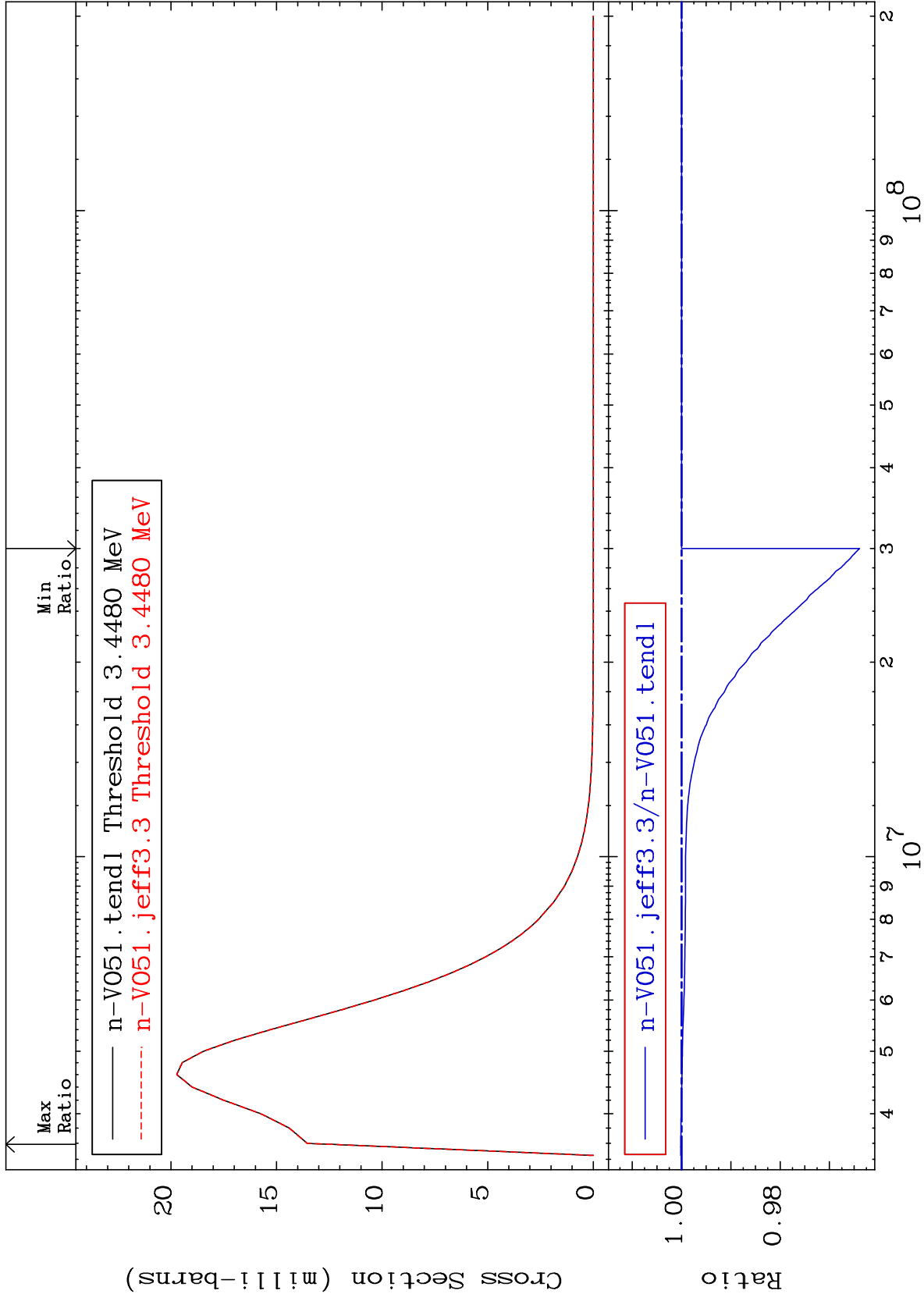
MAT 2328

MT= 75 (n,n') Level

23-V -51

-3.611 To 0.016 %

Cross Section



41

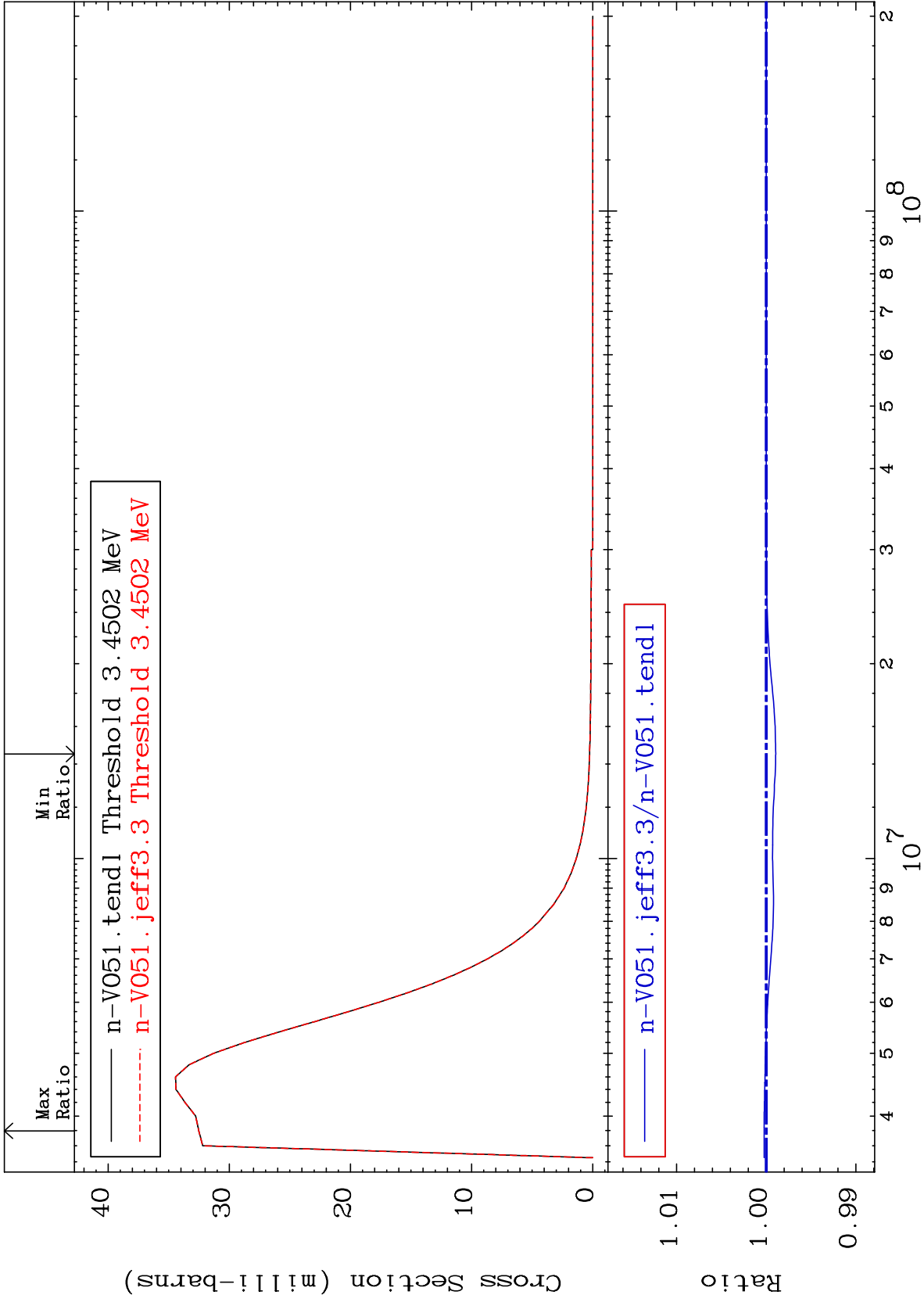
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.106 To 0.024 %



42

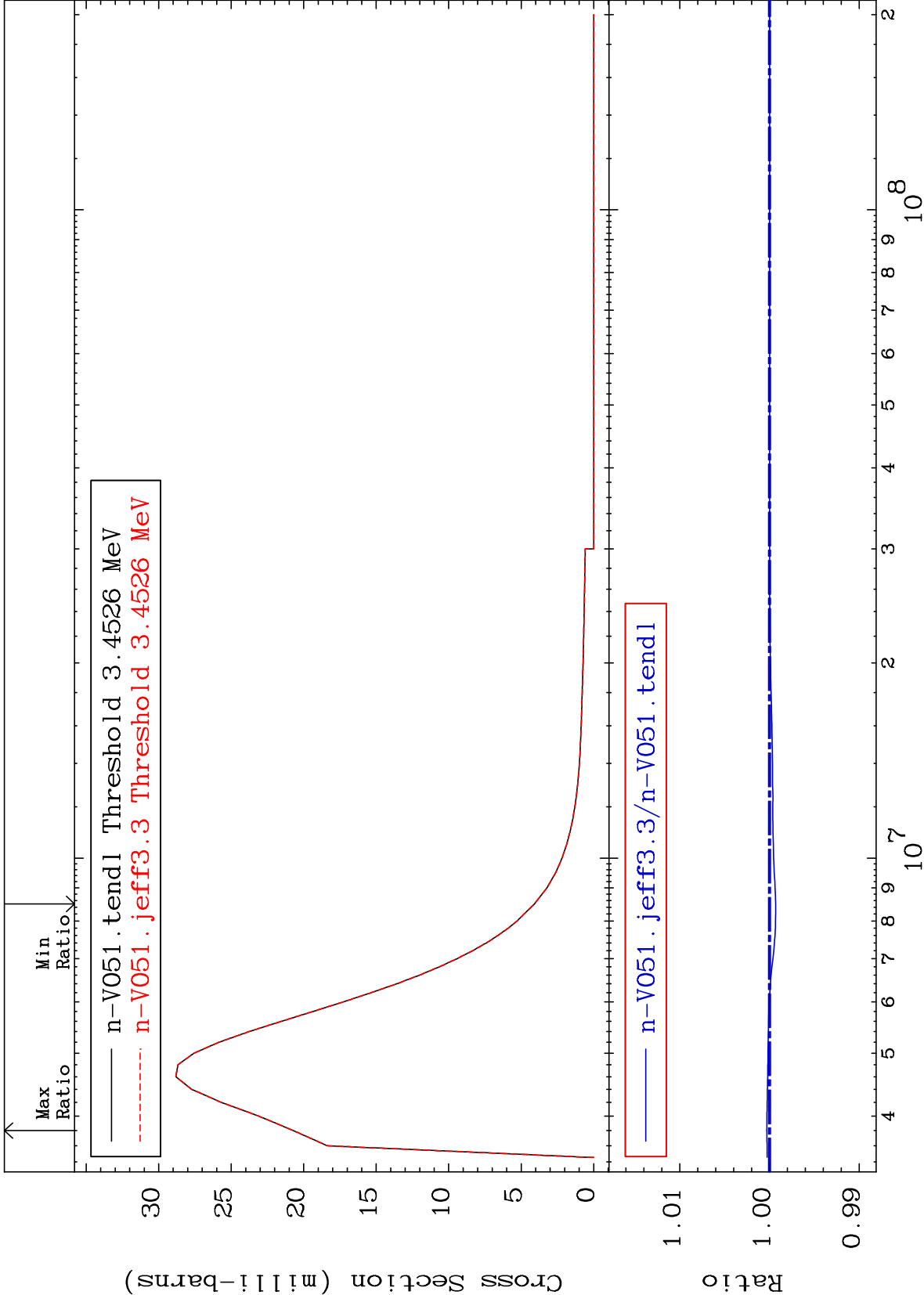
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-0.068 To 0.030 %



43

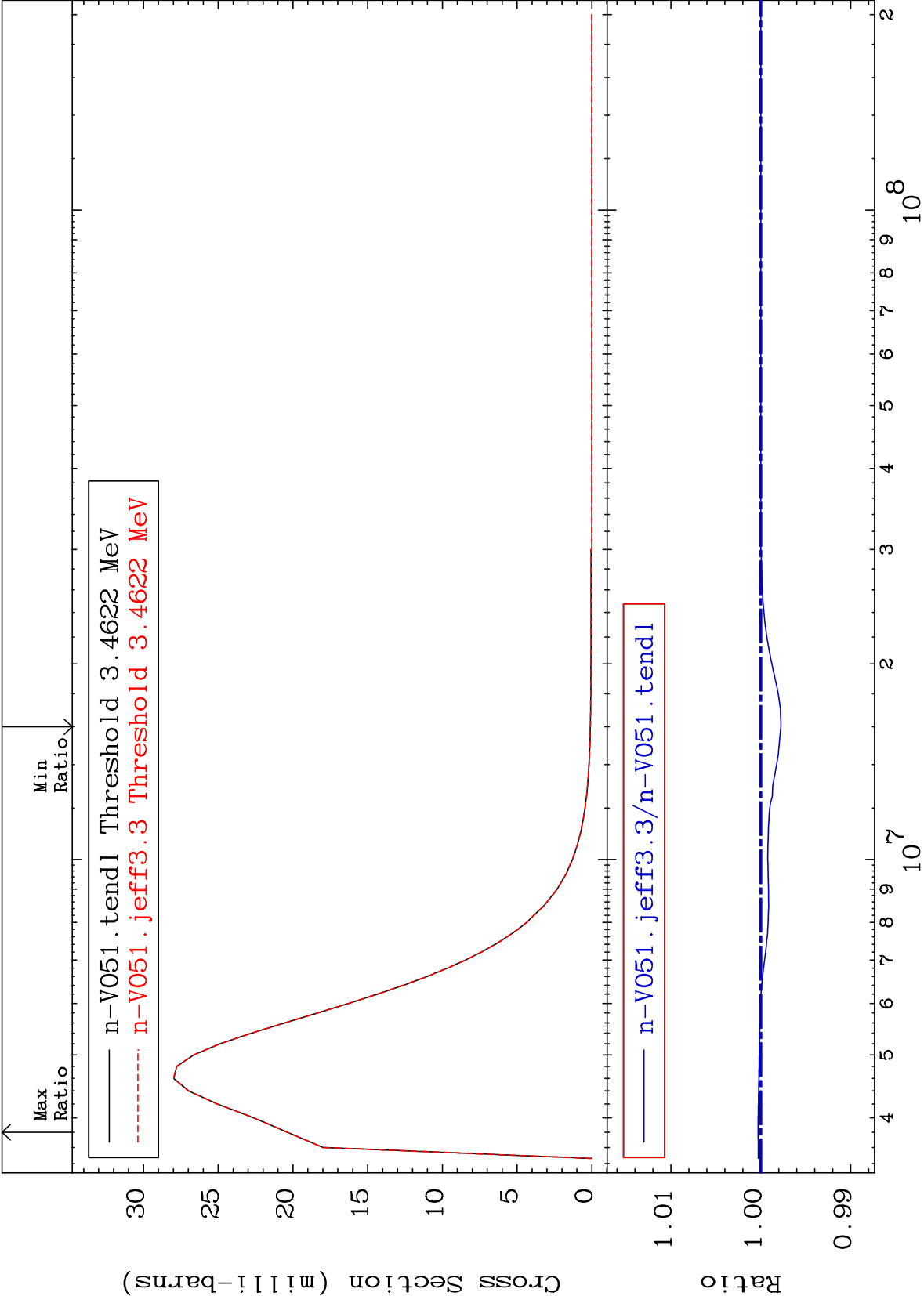
Incident Energy (eV)

23-V -51

MAT 2328

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

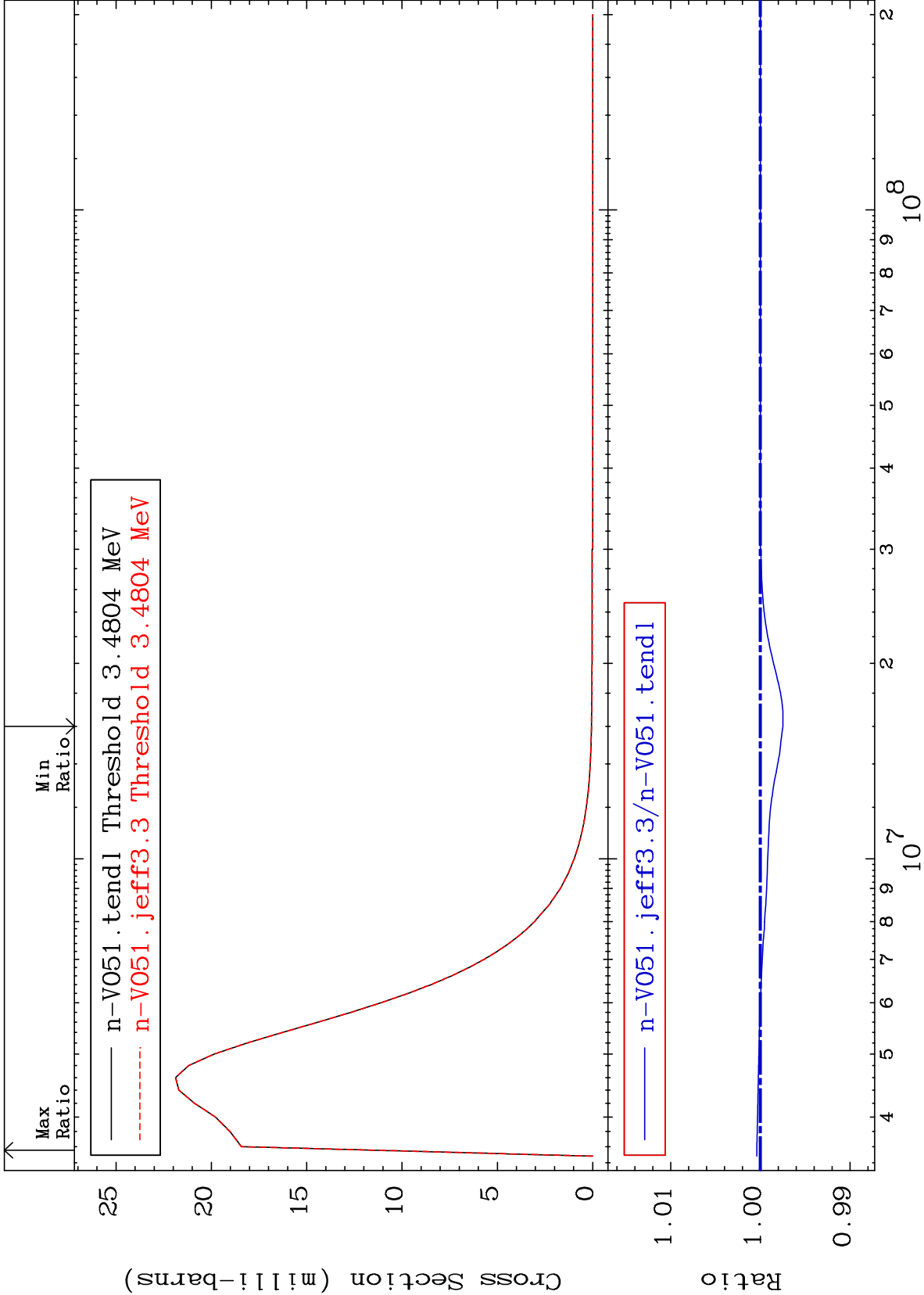
23-V -51
-0.225 To 0.030 %



MAT 2328

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

23-V -51
-0.252 To 0.039 %



45

Incident Energy (eV)

23-V -51

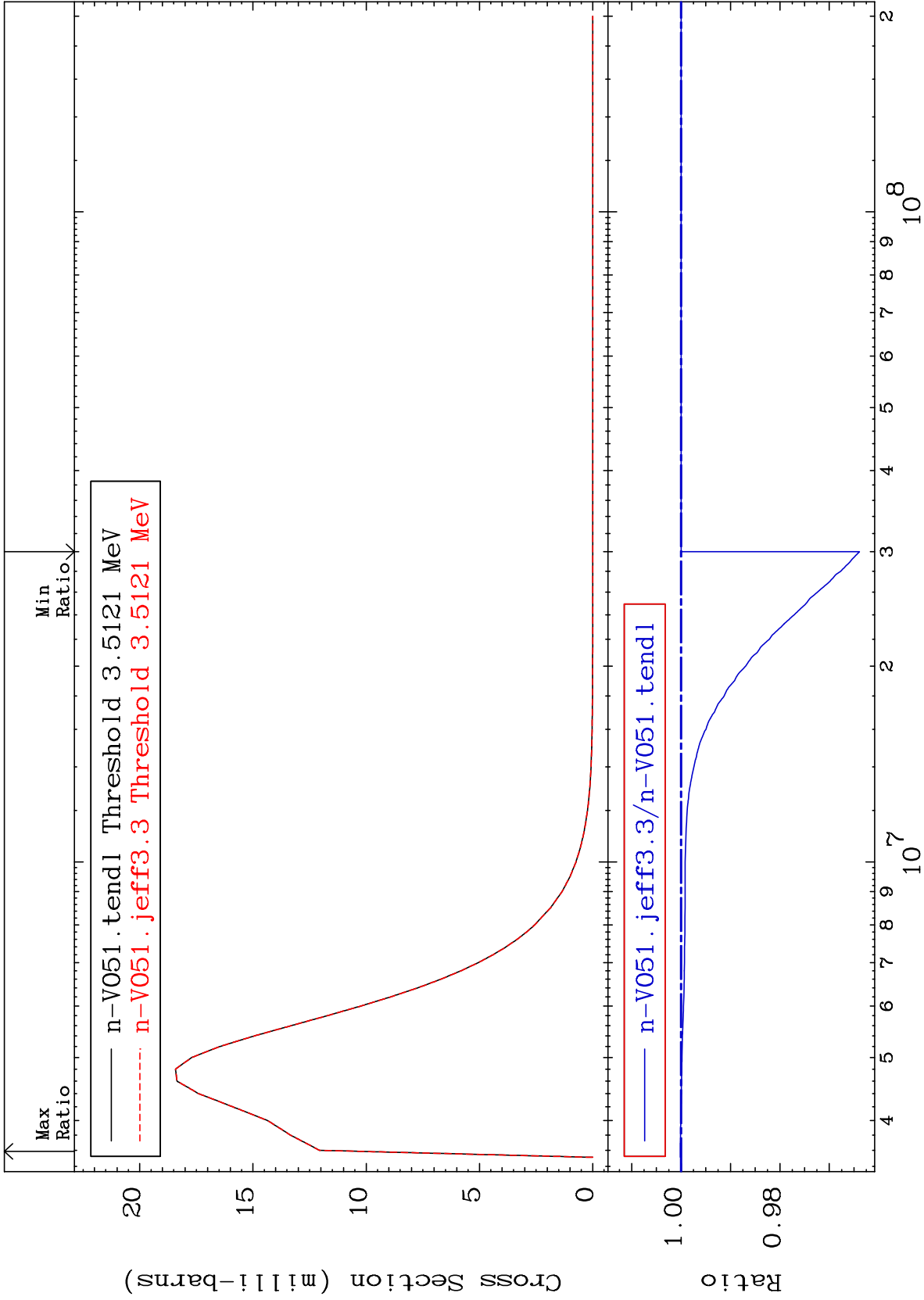
MAT 2328

MT= 80 (n,n') Level

23-V -51

-3.611 To 0.015 %

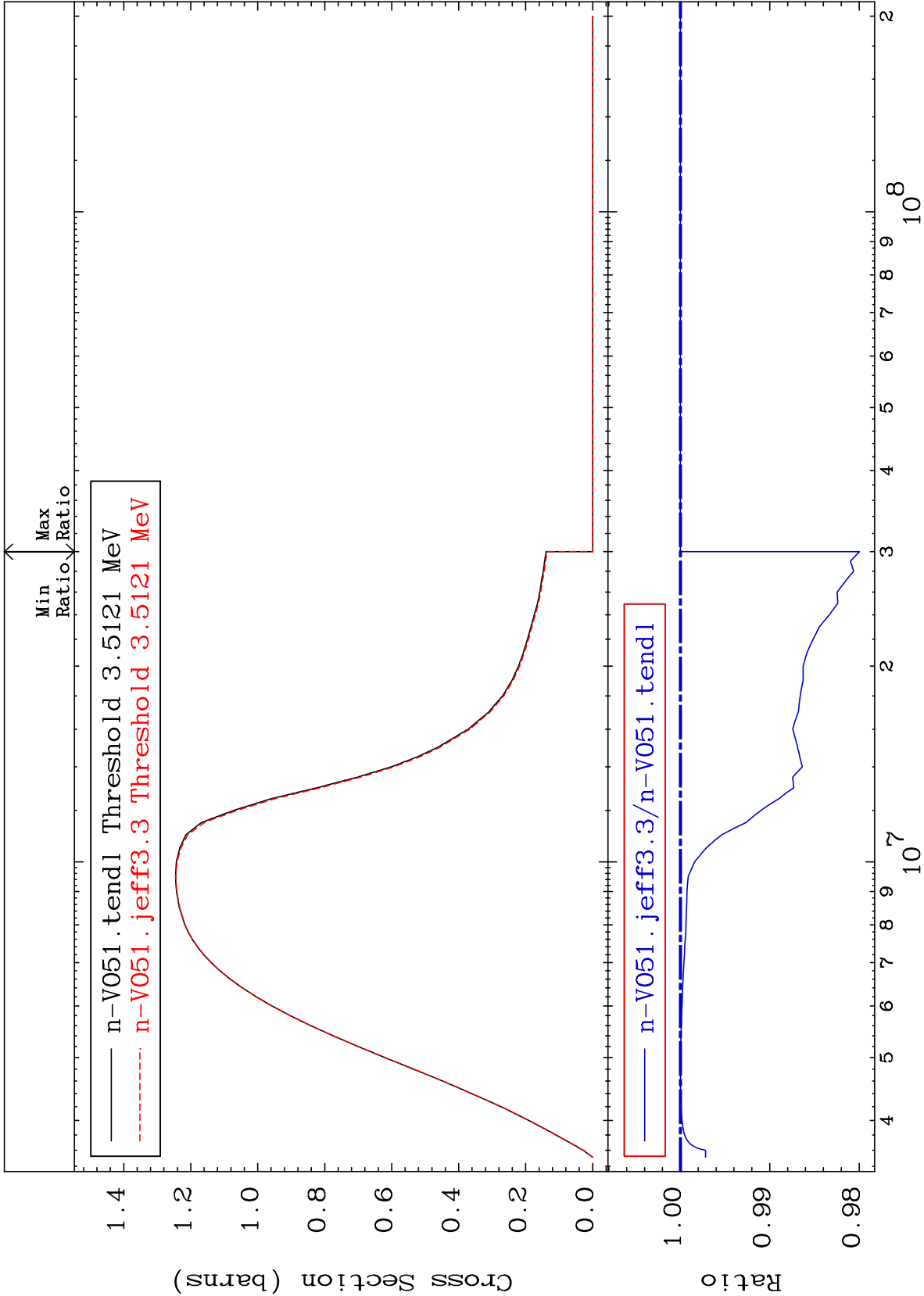
Cross Section

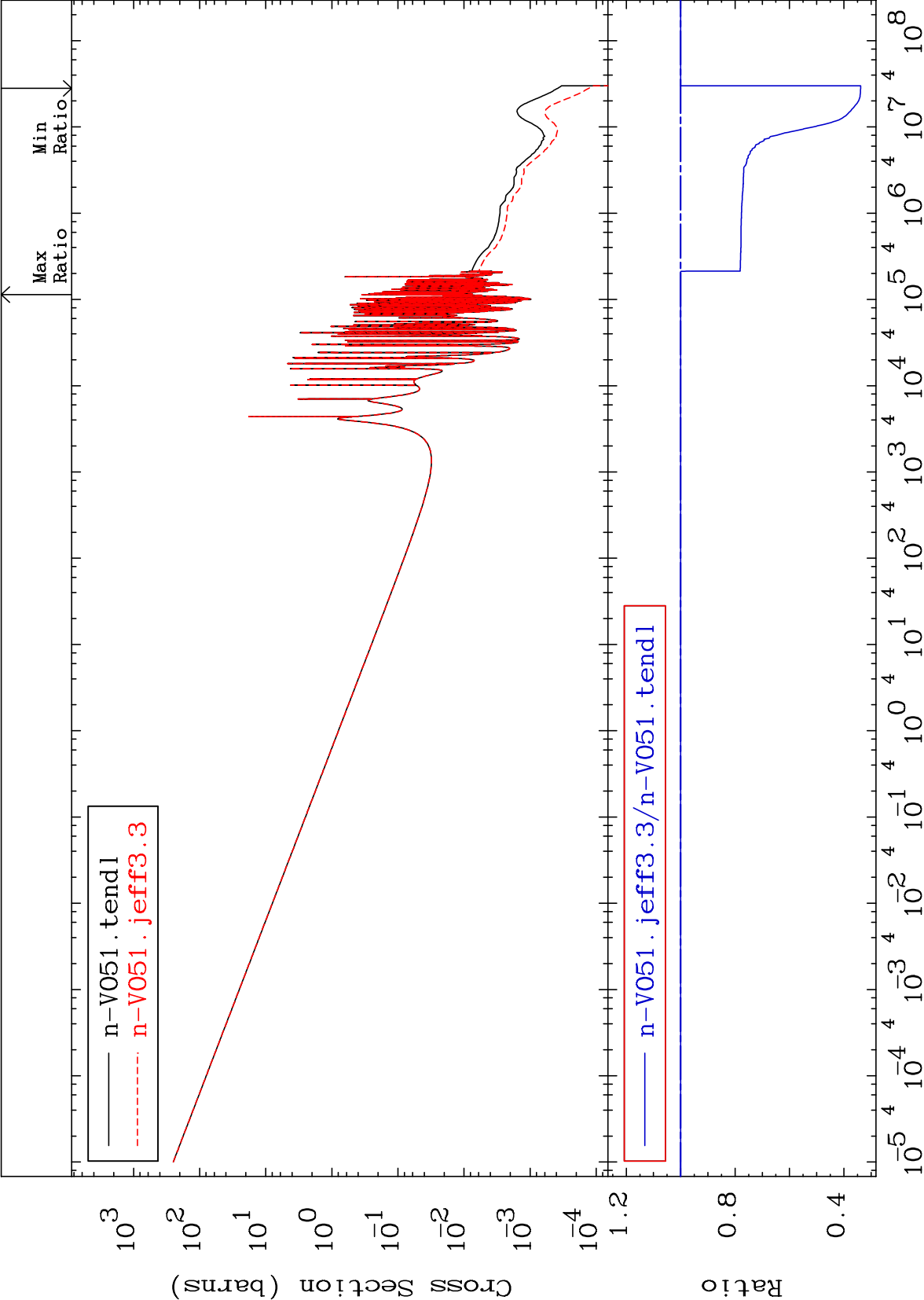


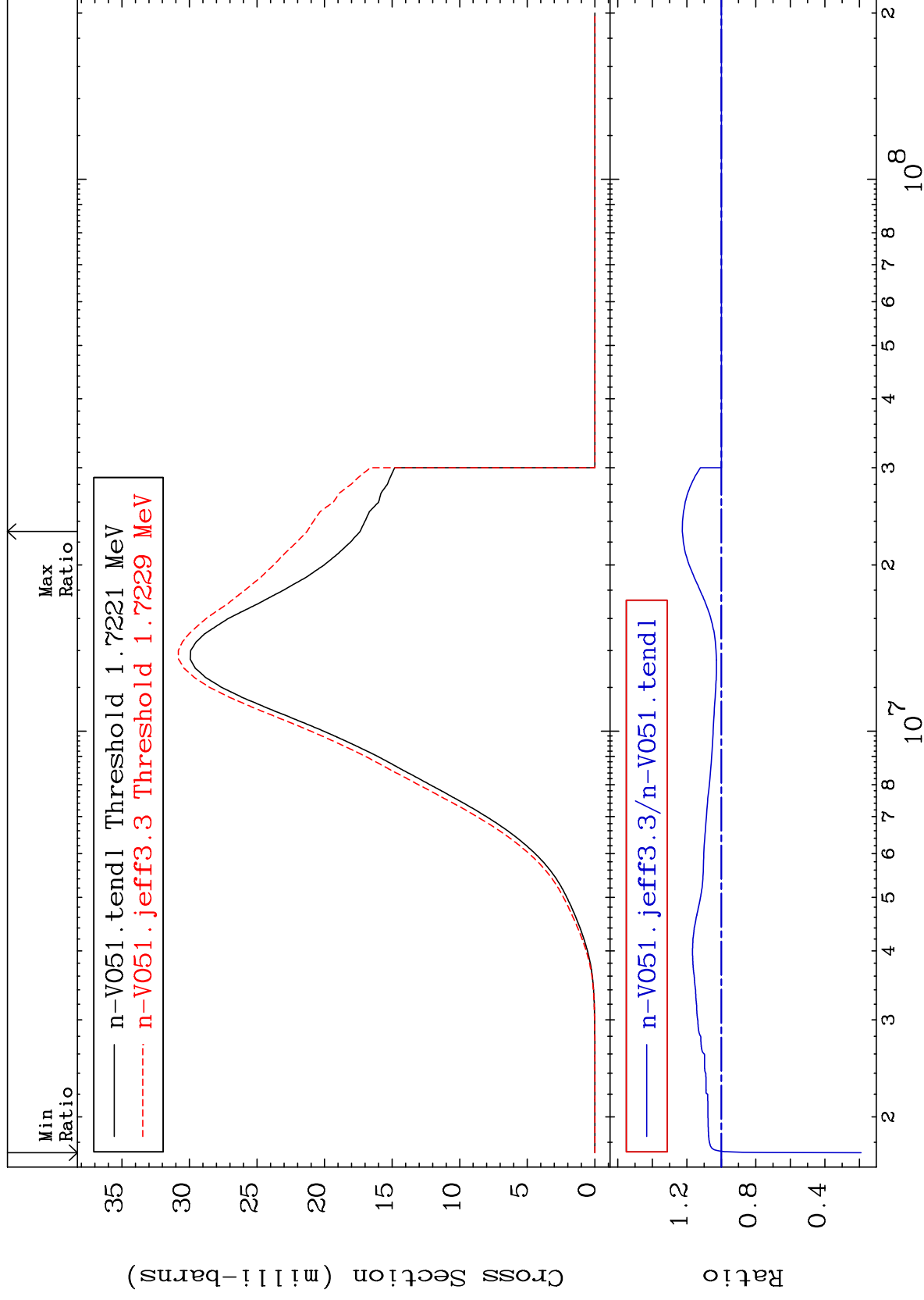
46

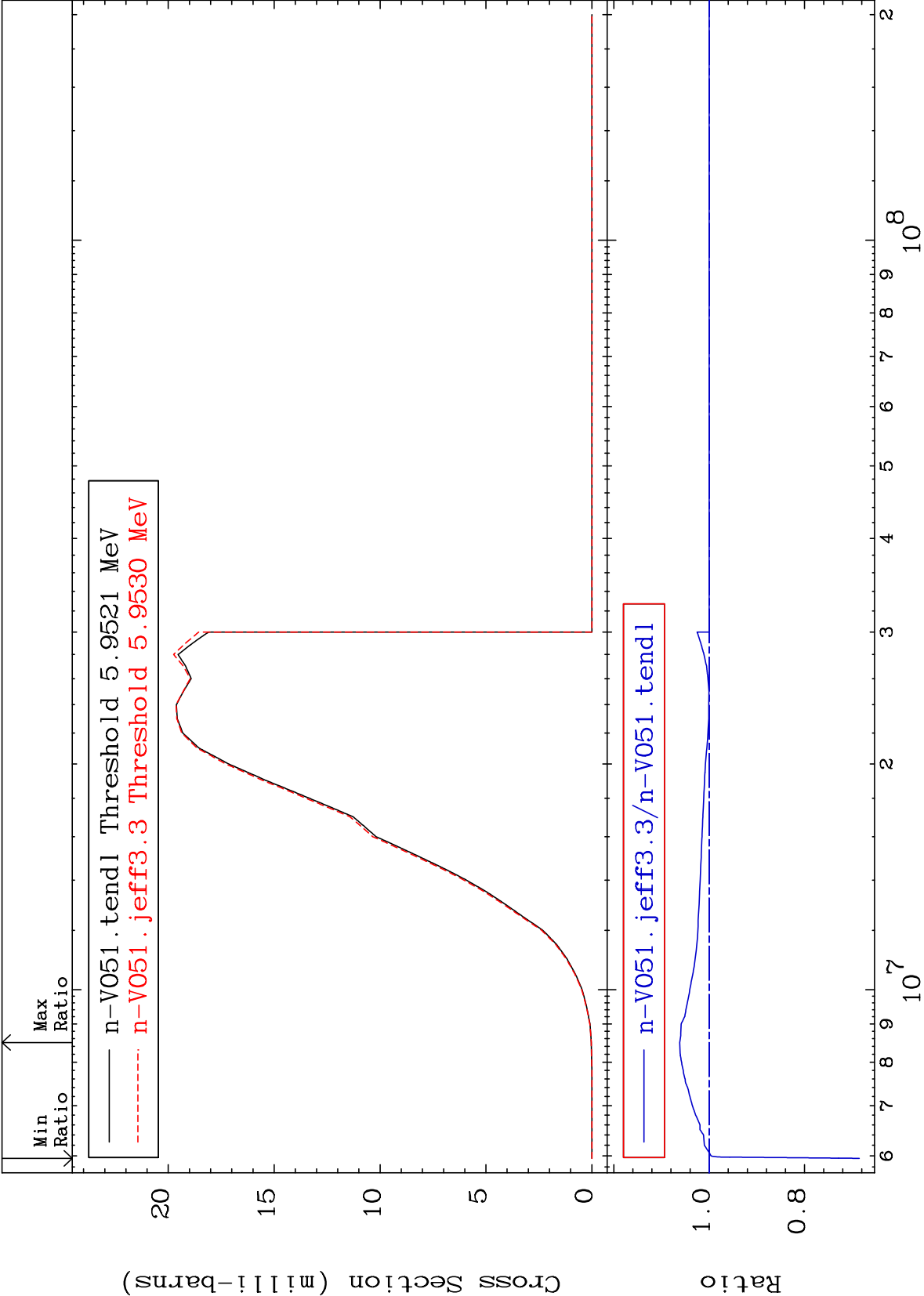
Incident Energy (eV)

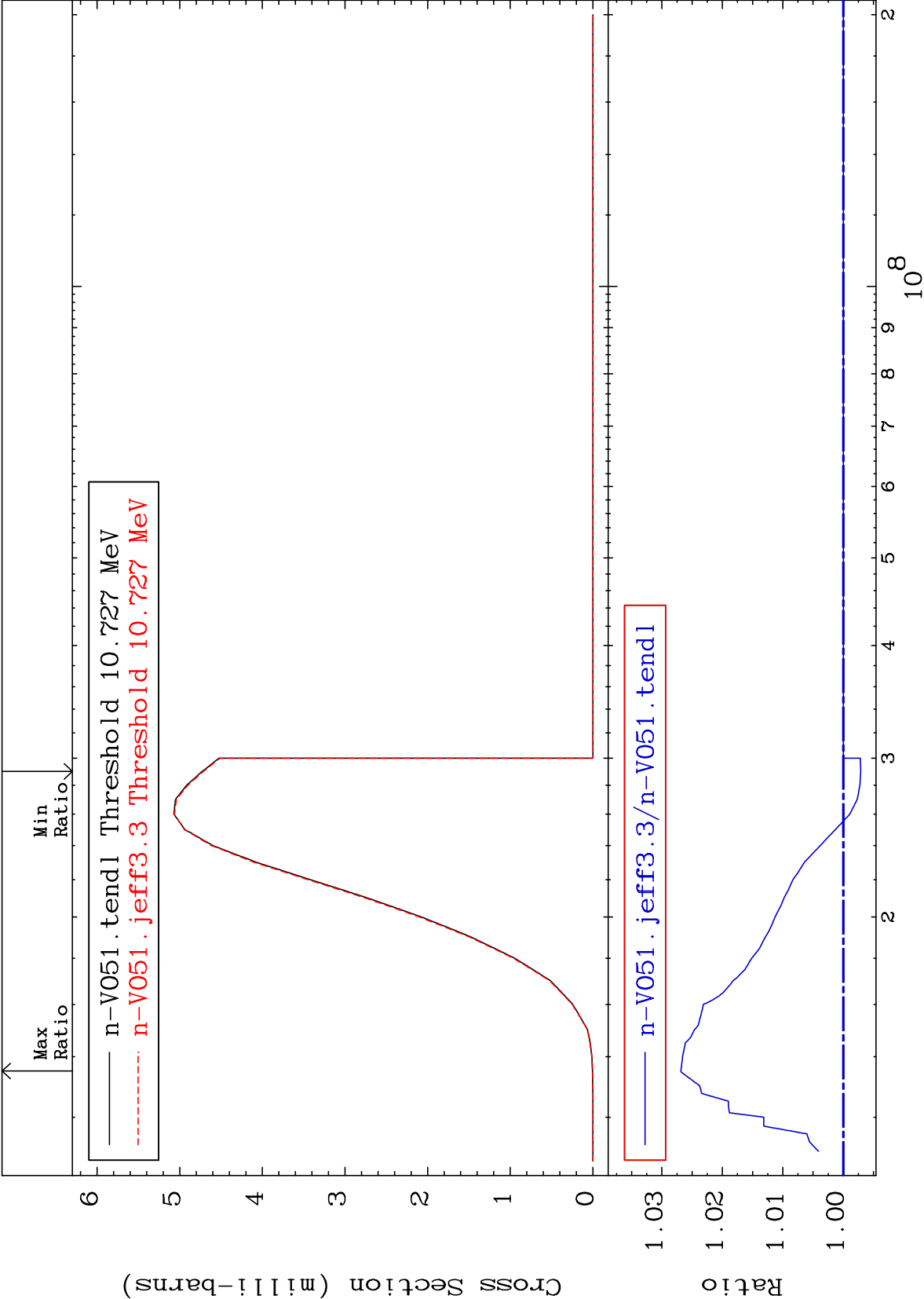
23-V -51







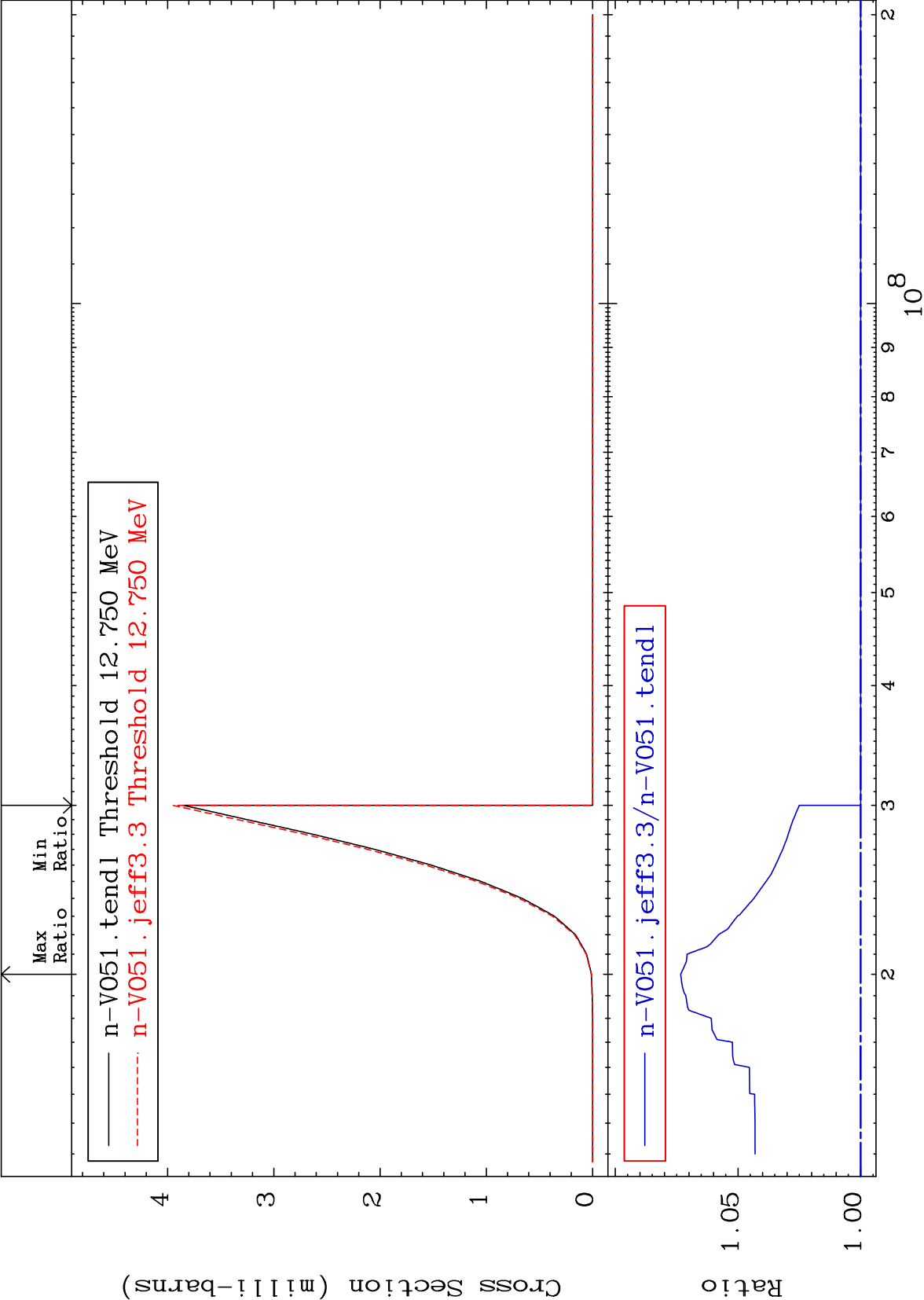




Cross Section

0.000

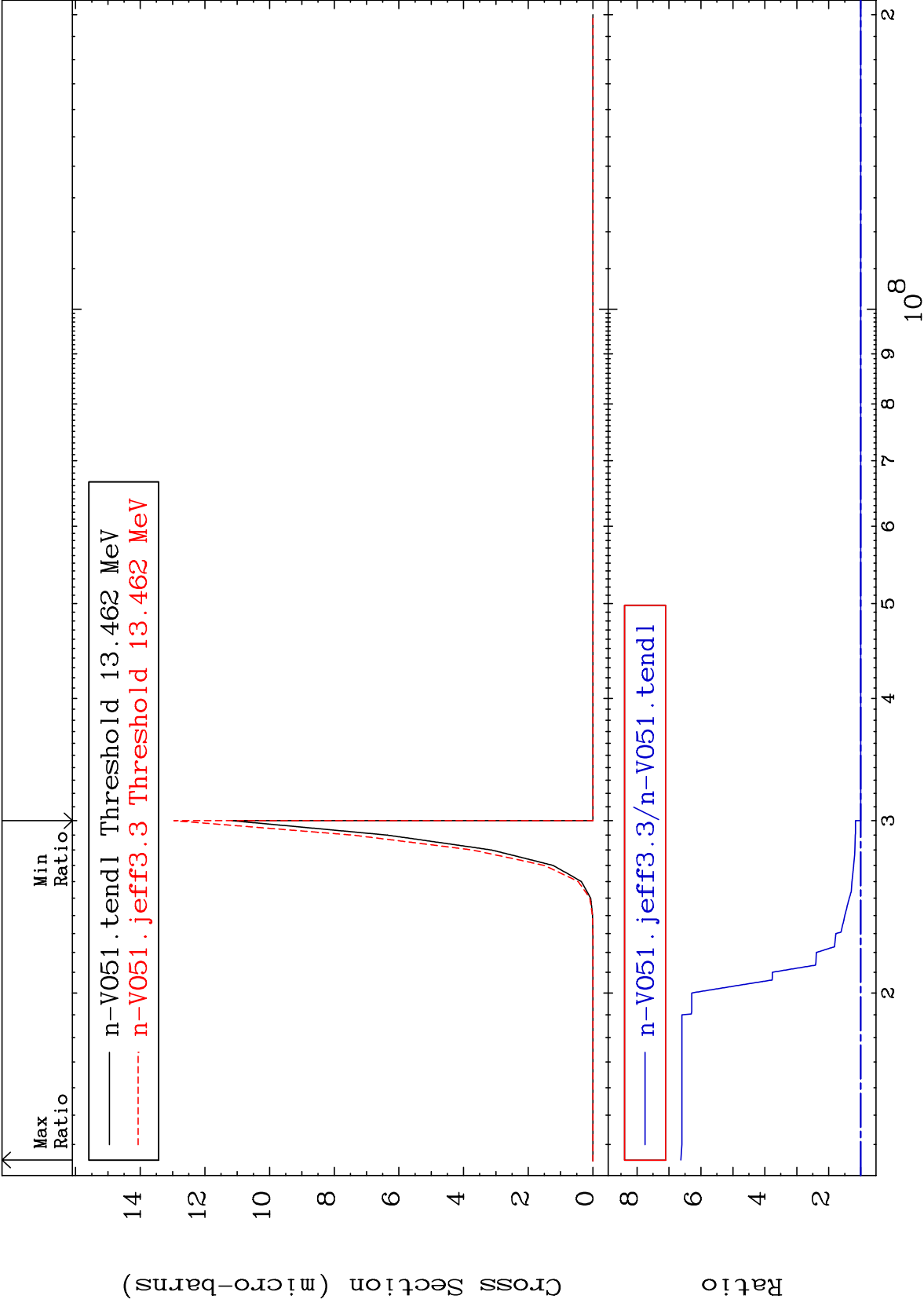
To 7.337 %



Cross Section

0.000

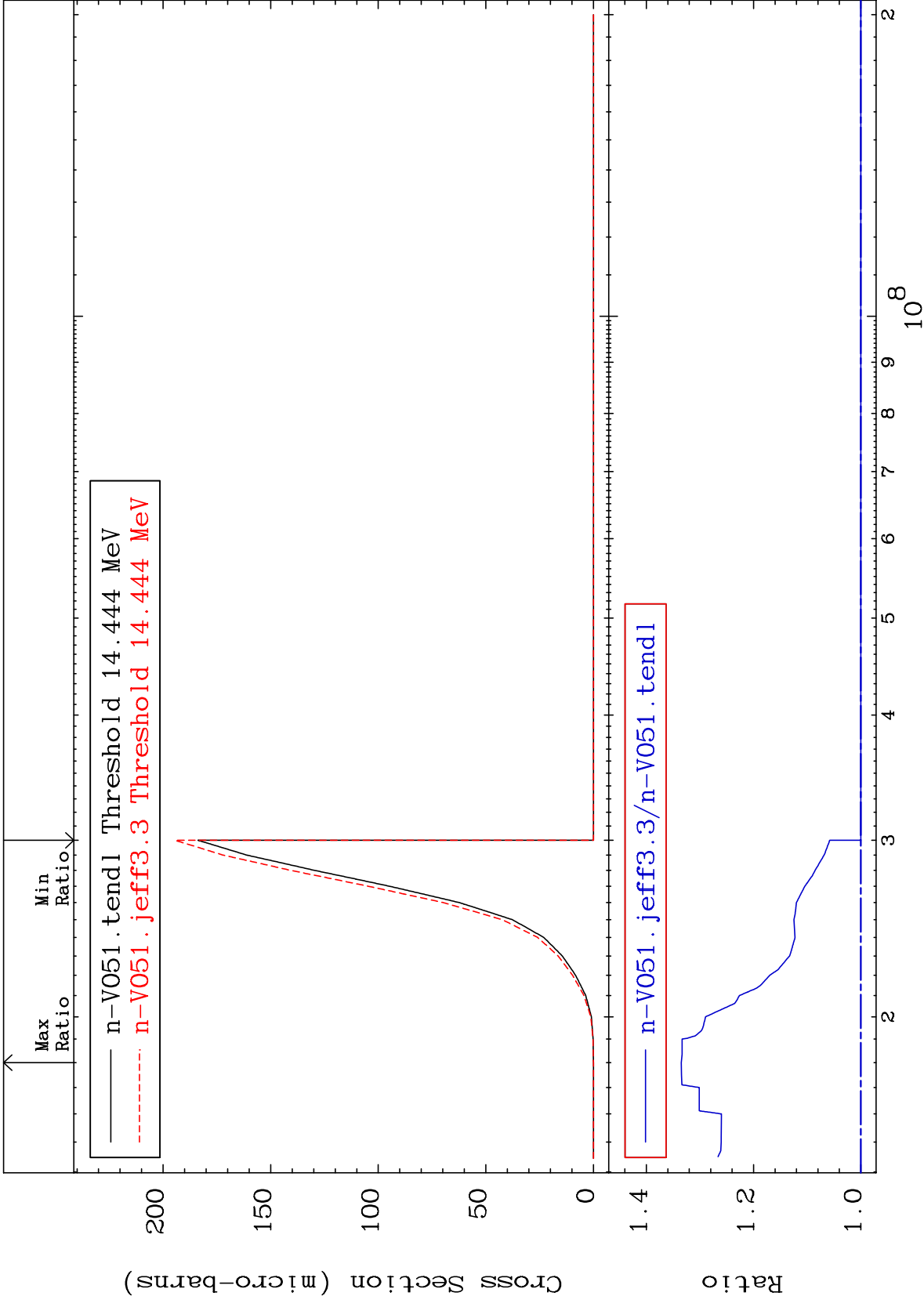
To 562.7 %

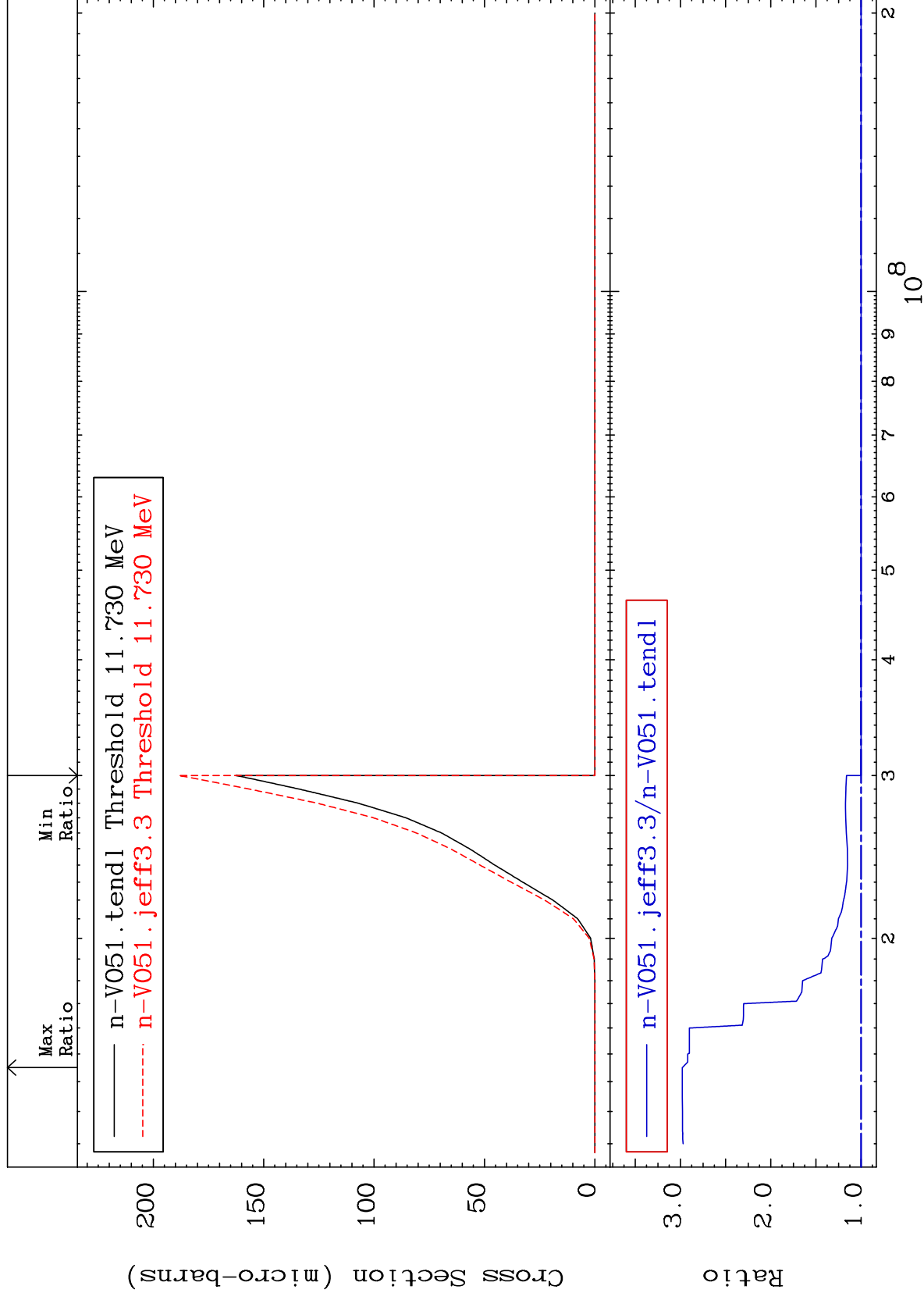


Cross Section

0.000

To 33.48 %

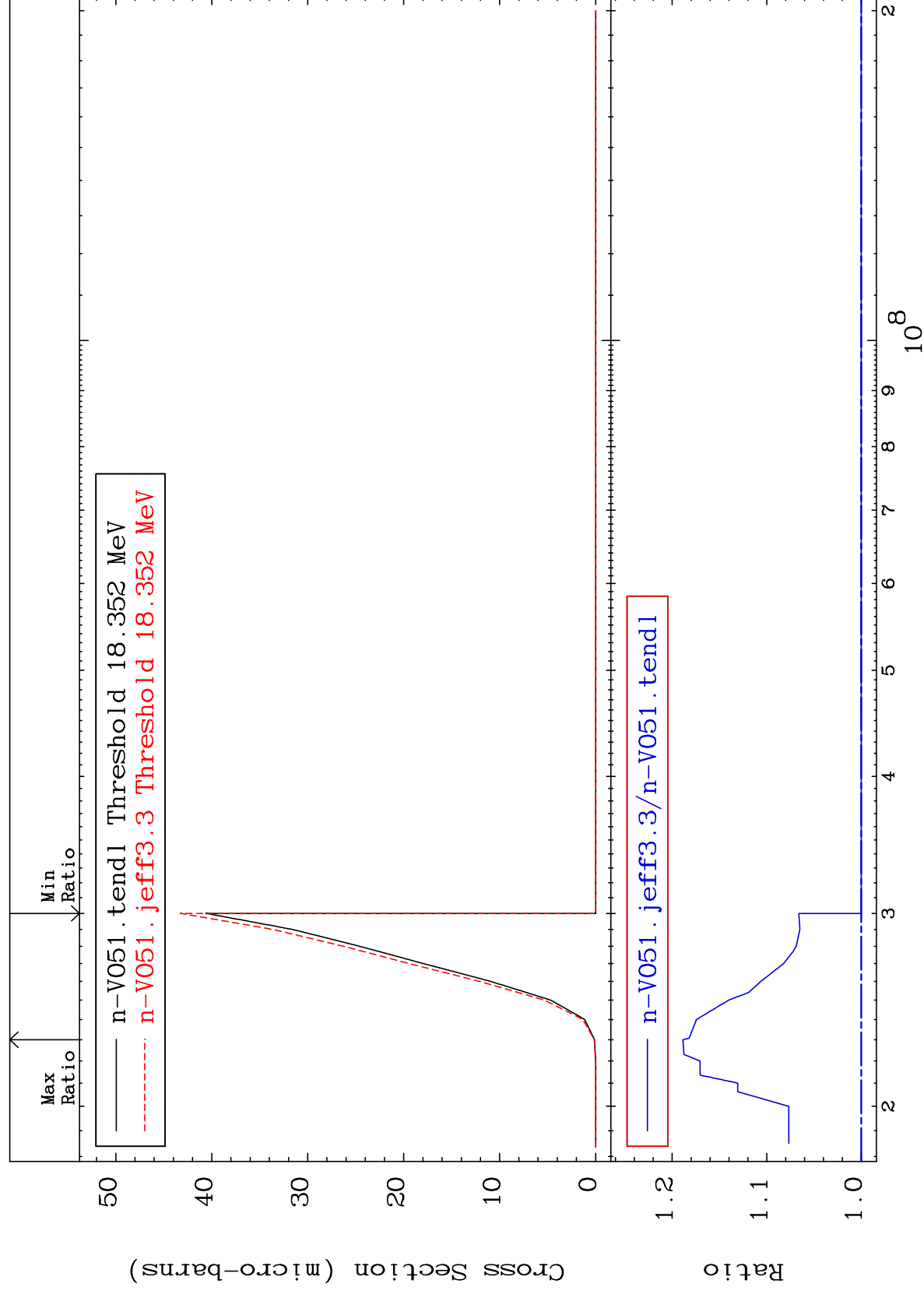




MAT 2328

(n, p) d
Cross Section

23-V -51
0.000 To 18.86 %



25

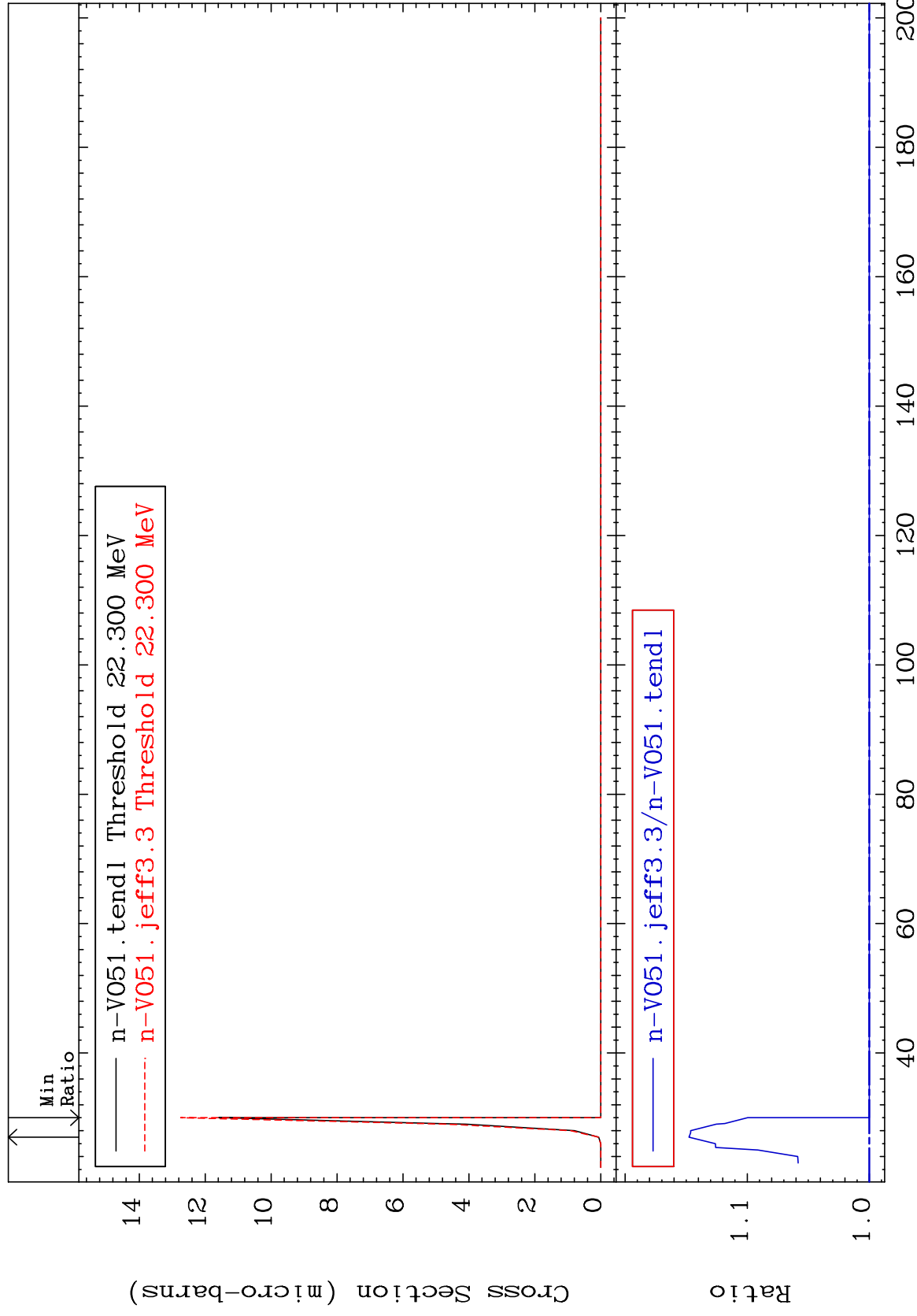
Incident Energy (eV)

23-V -51

MAT 2328

(n,p) t
Cross Section

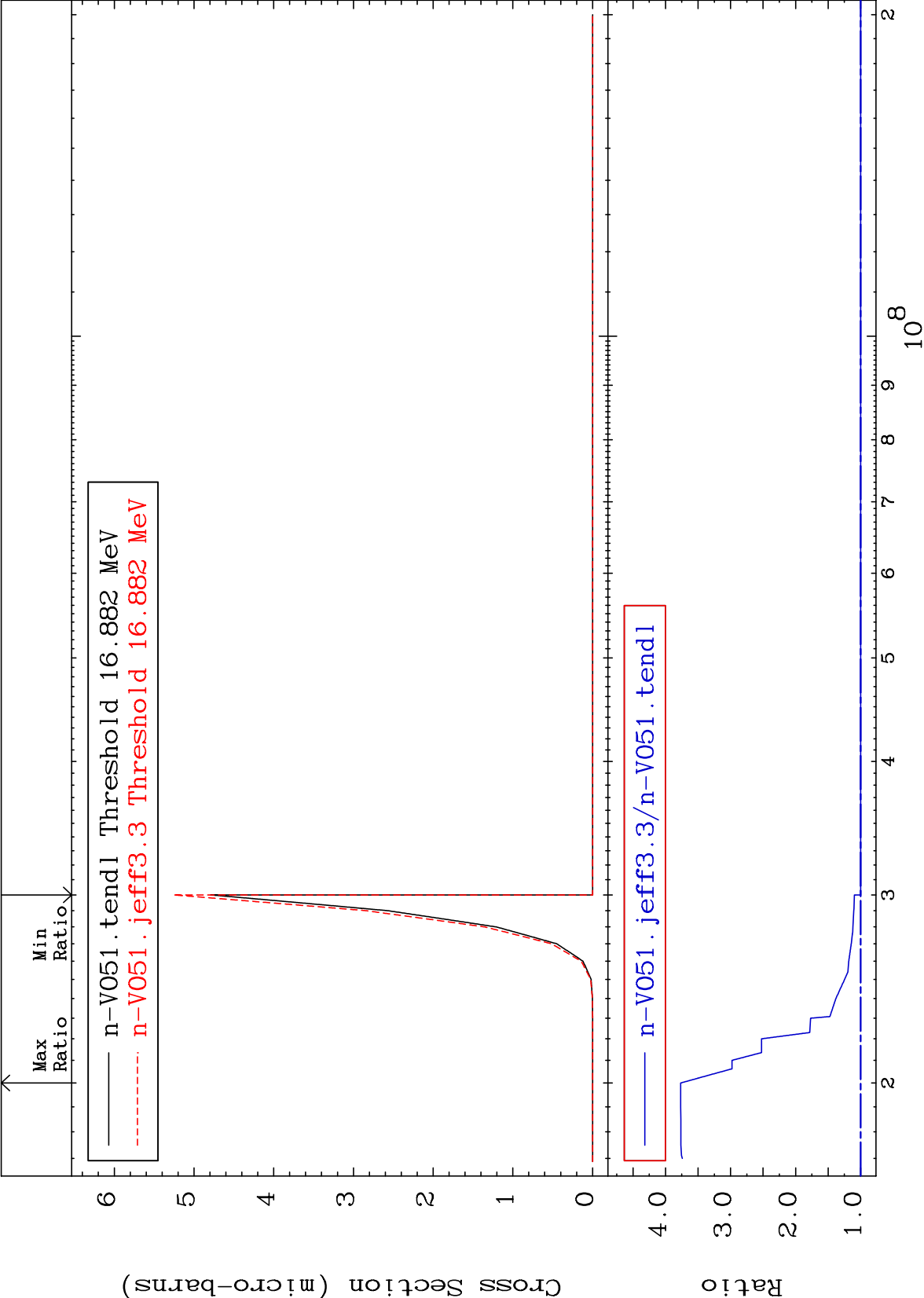
23-V -51
0.000 To 14.77 %

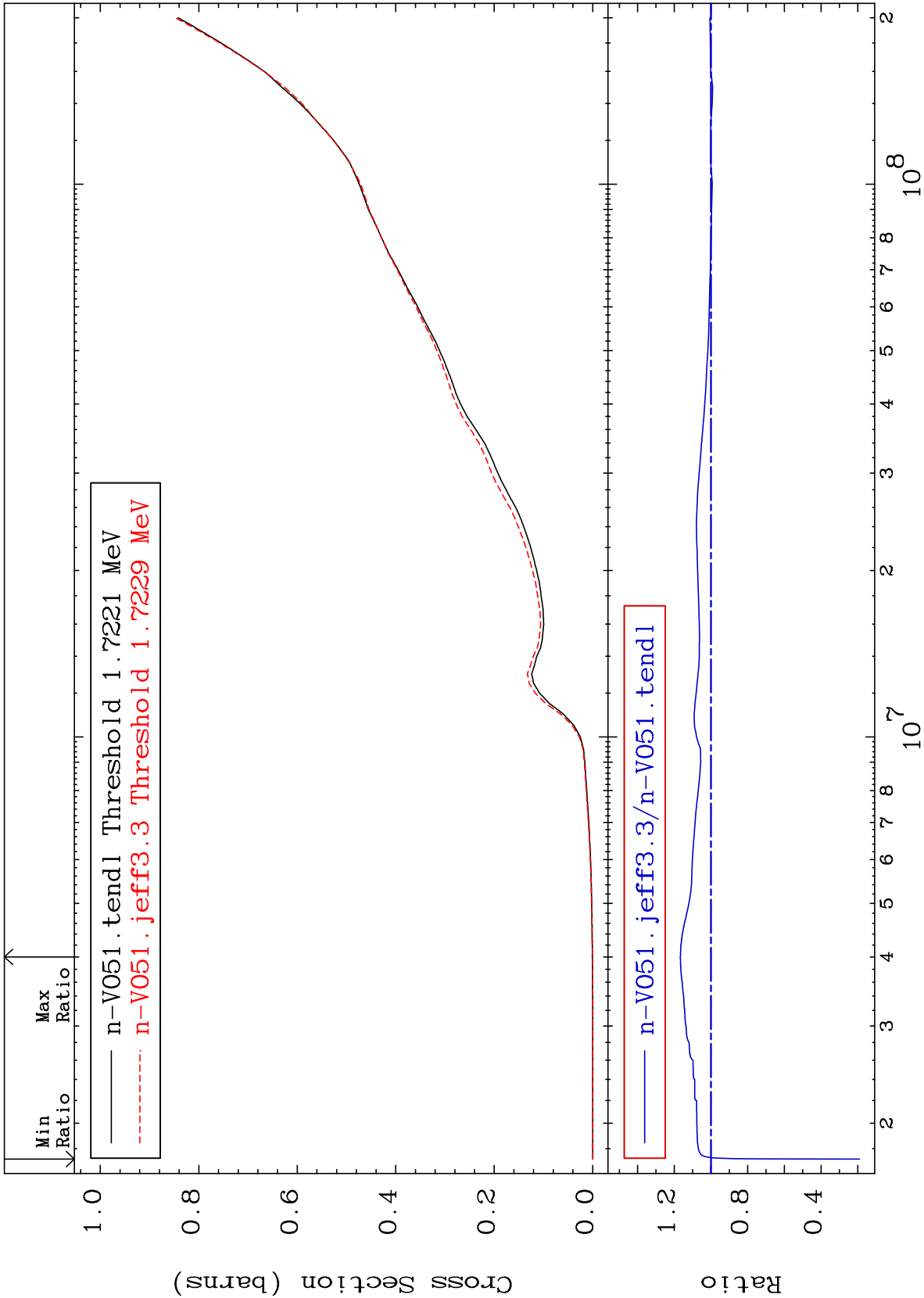


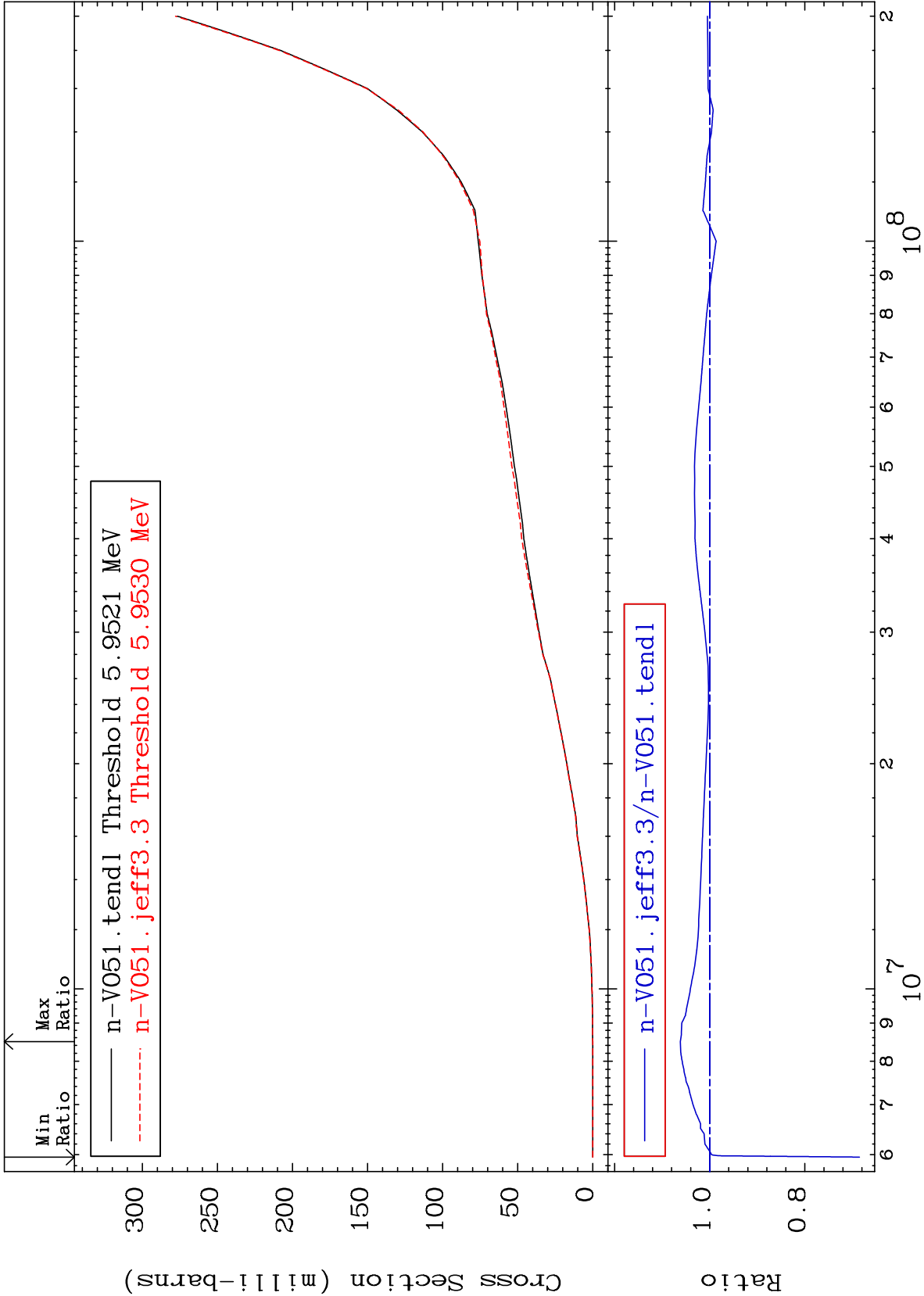
58

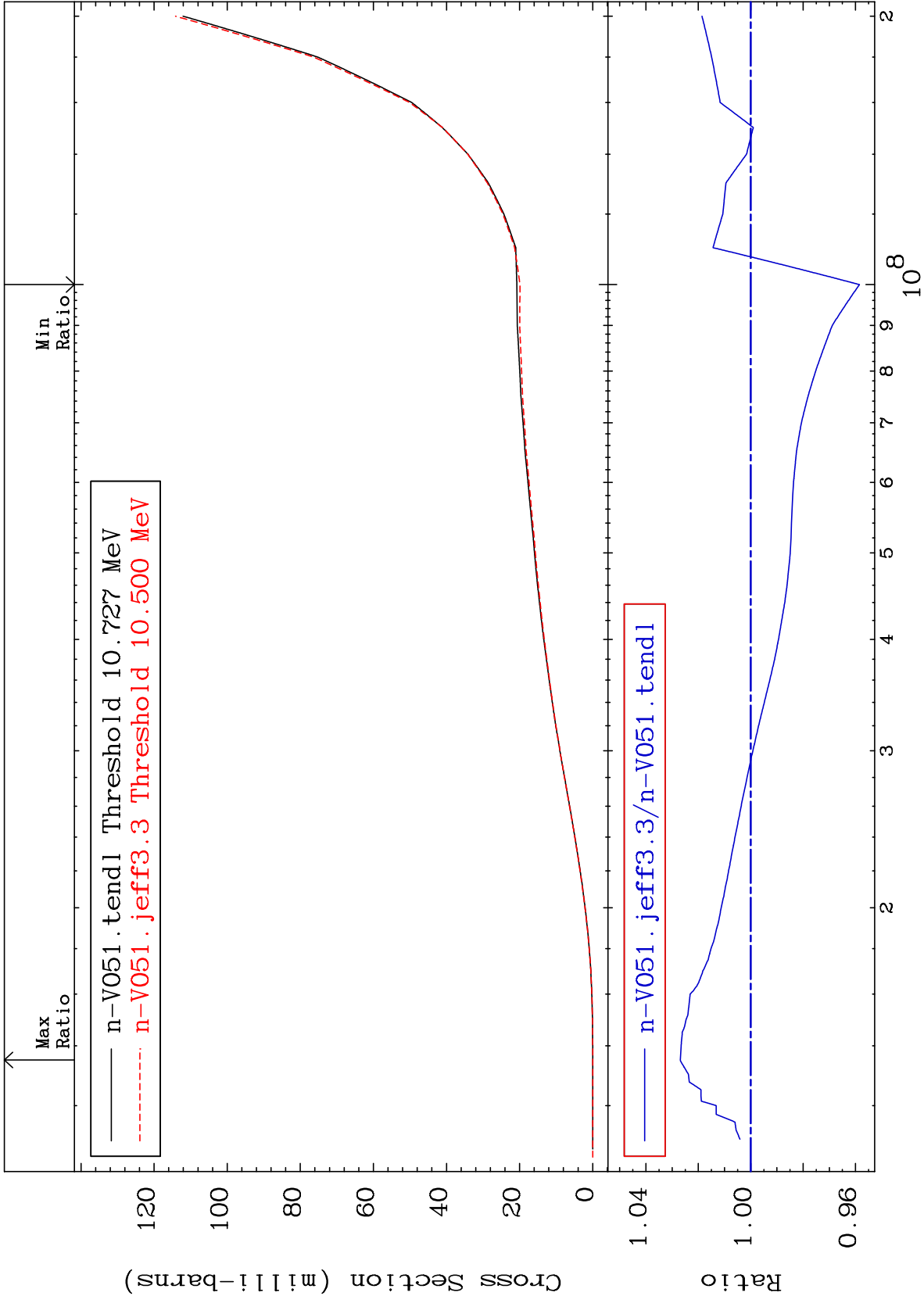
Incident Energy (MeV)

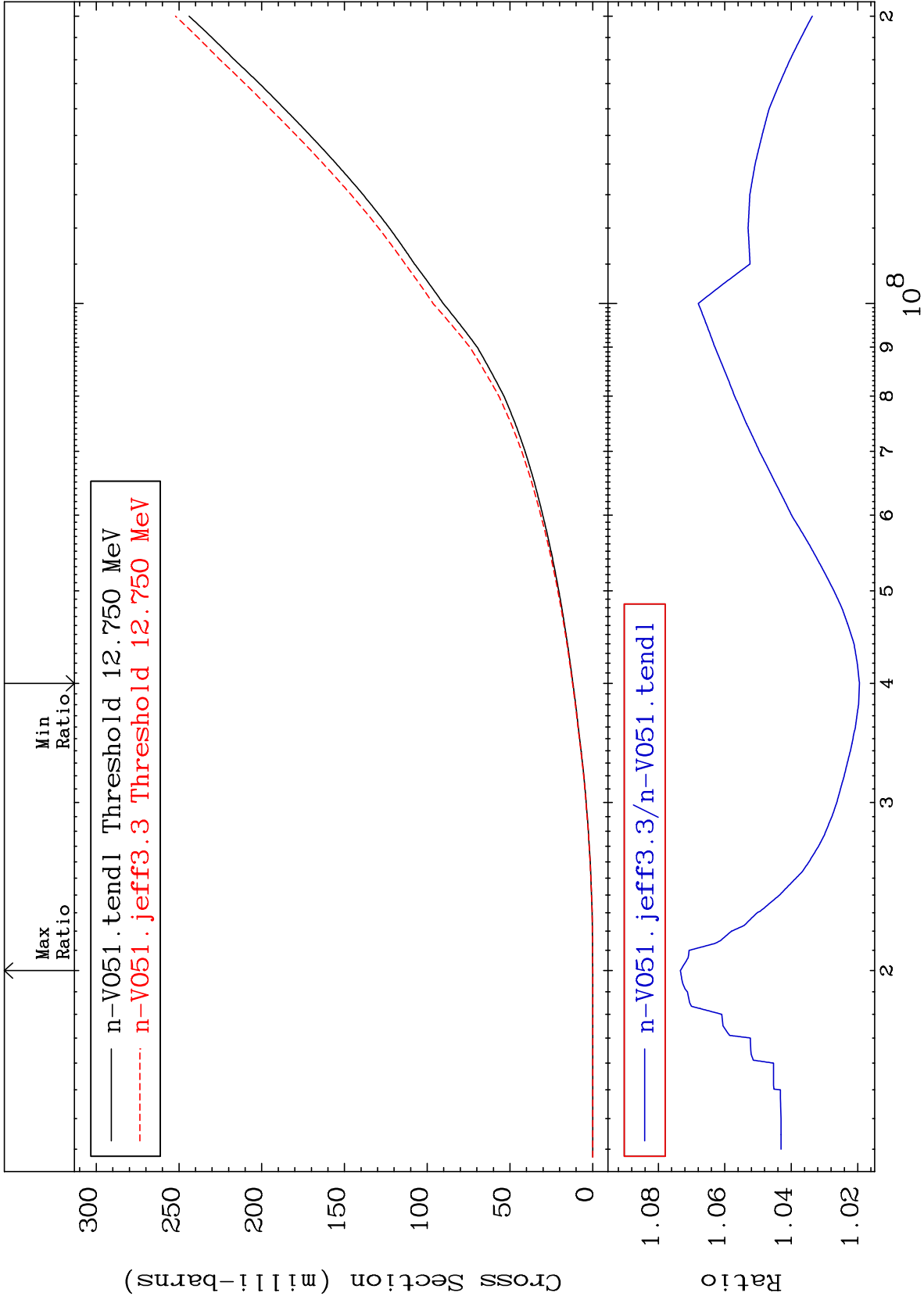
23-V -51

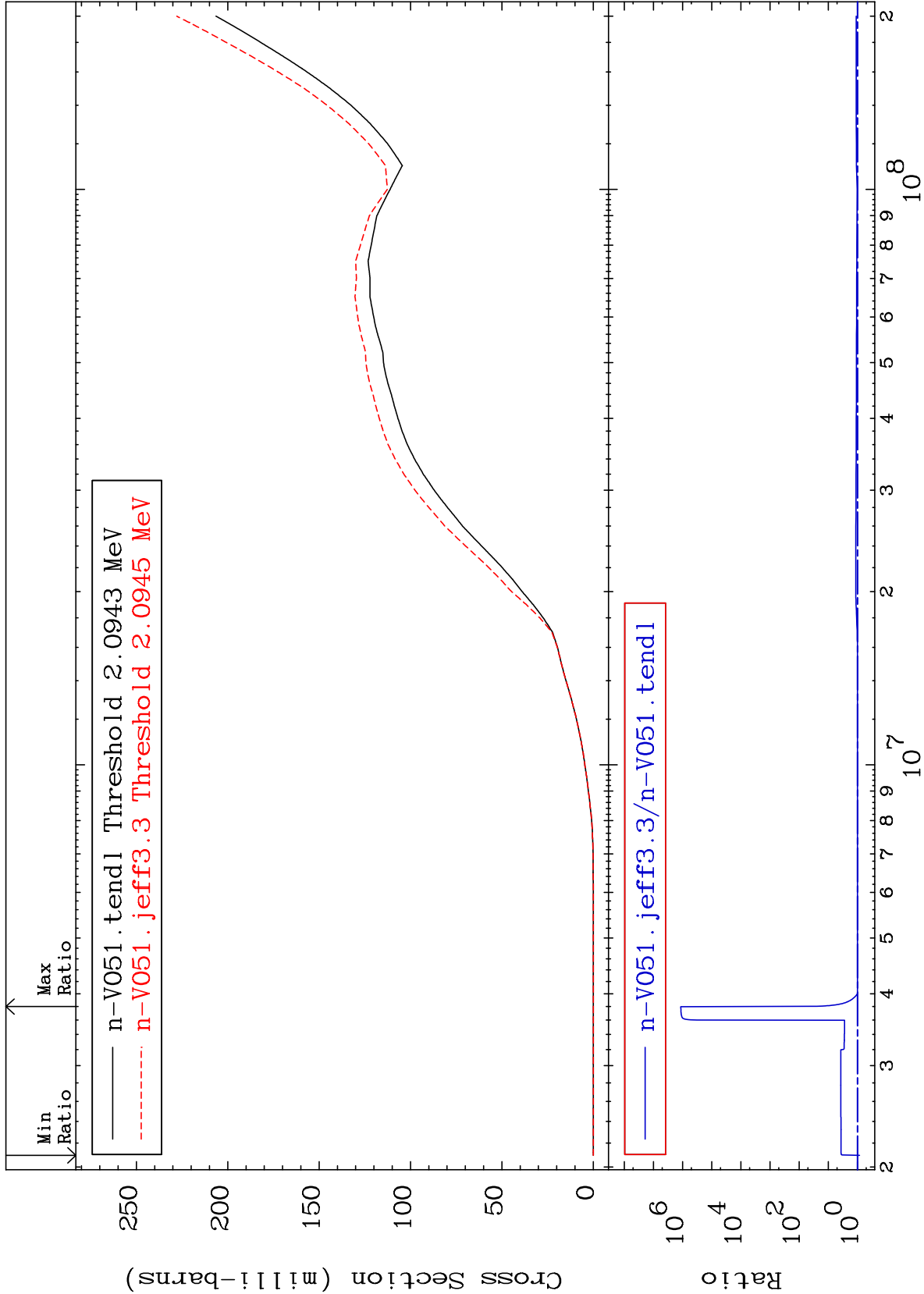






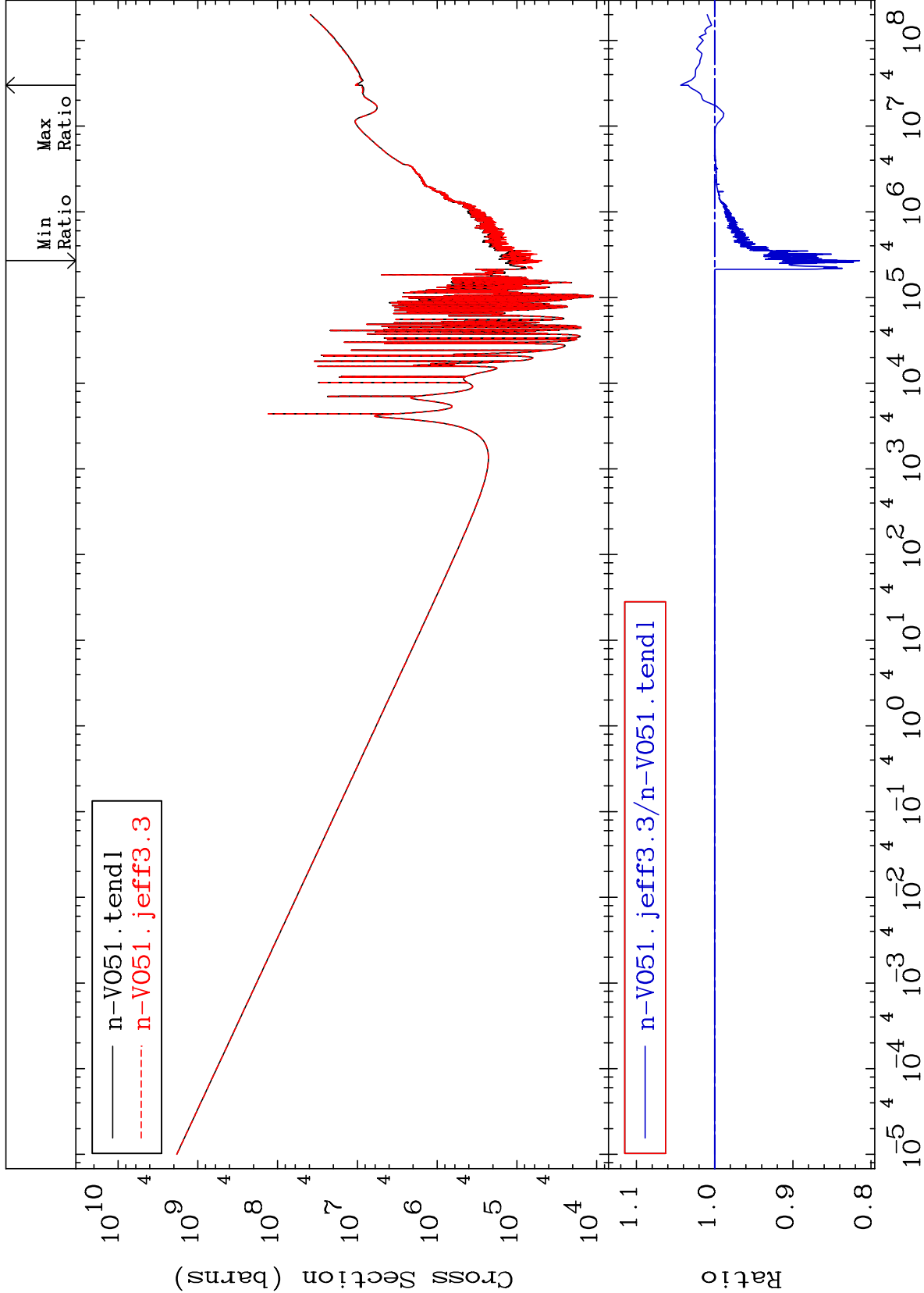




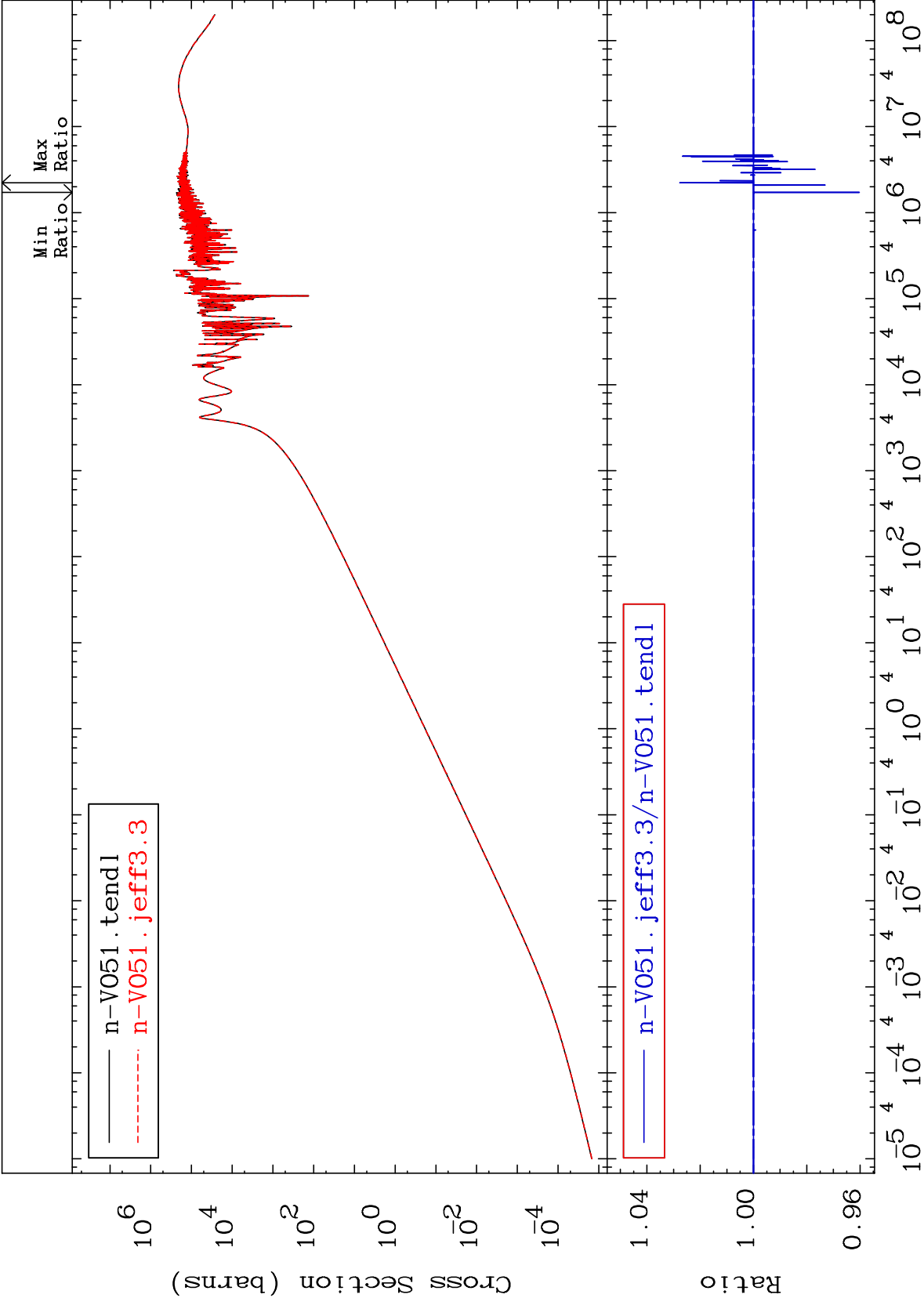


Cross Section

-18.52 To 4.336 %

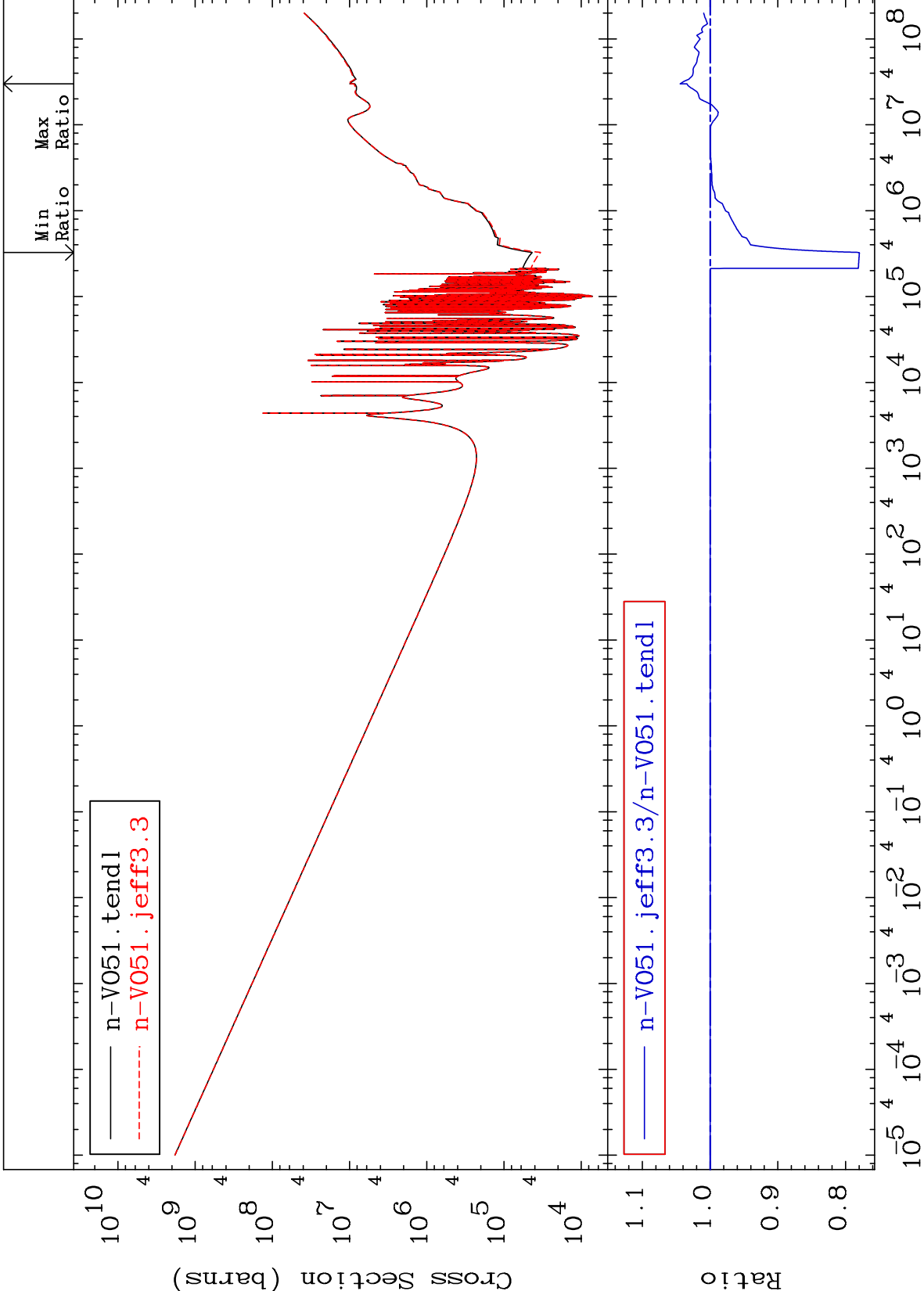


Incident Energy (eV)

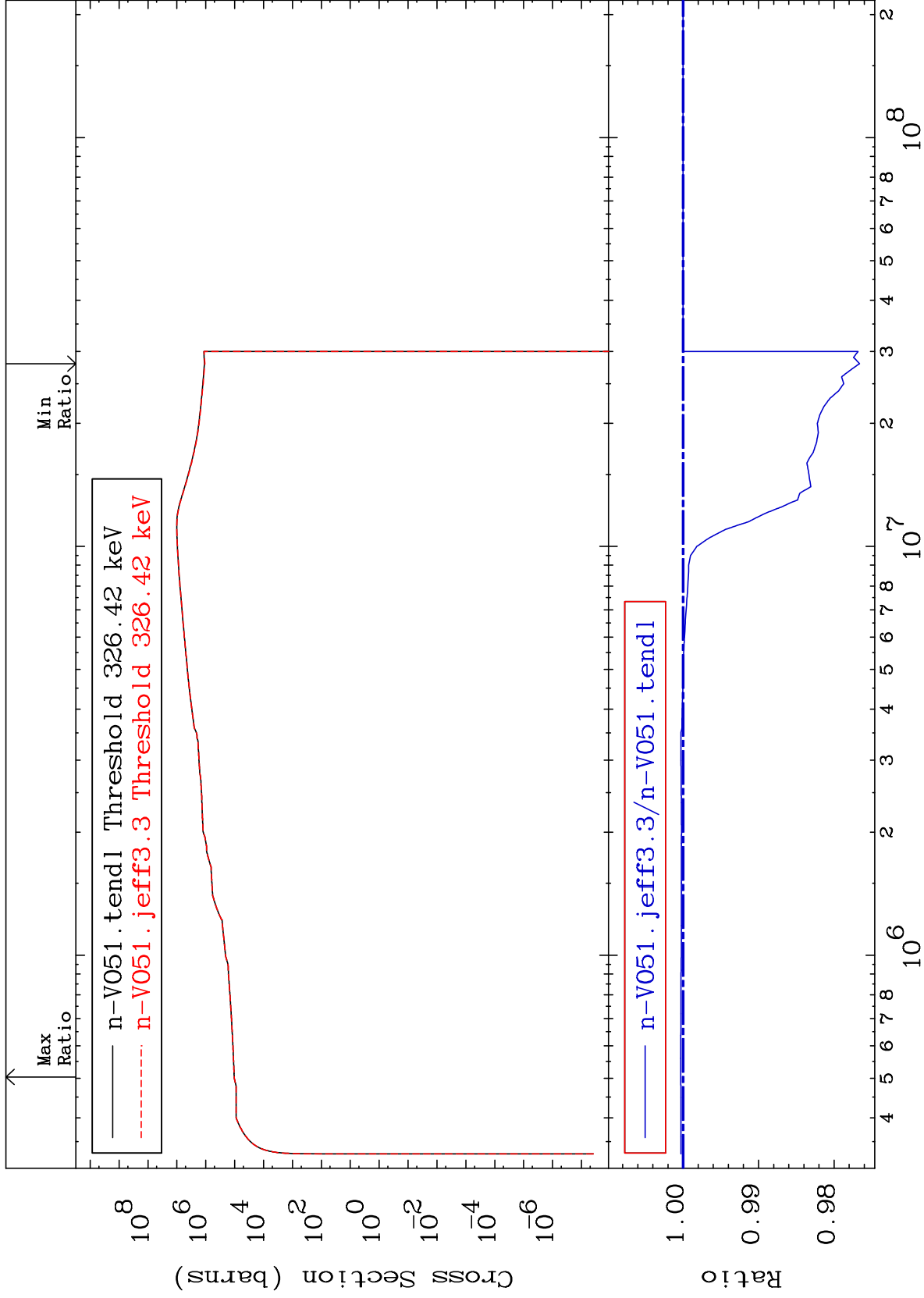


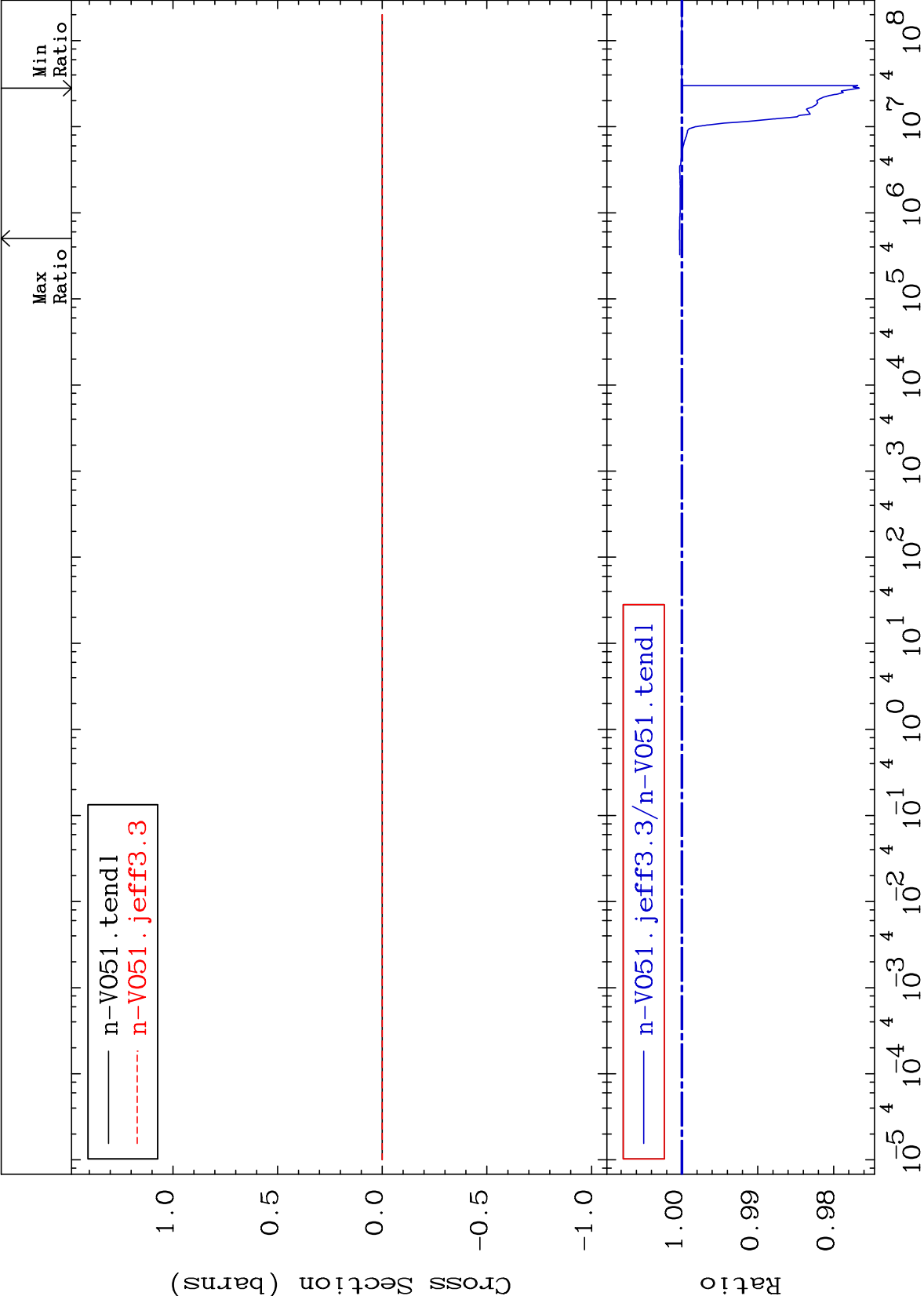
Cross Section

-22.04 To 4.426 %



Incident Energy (eV)





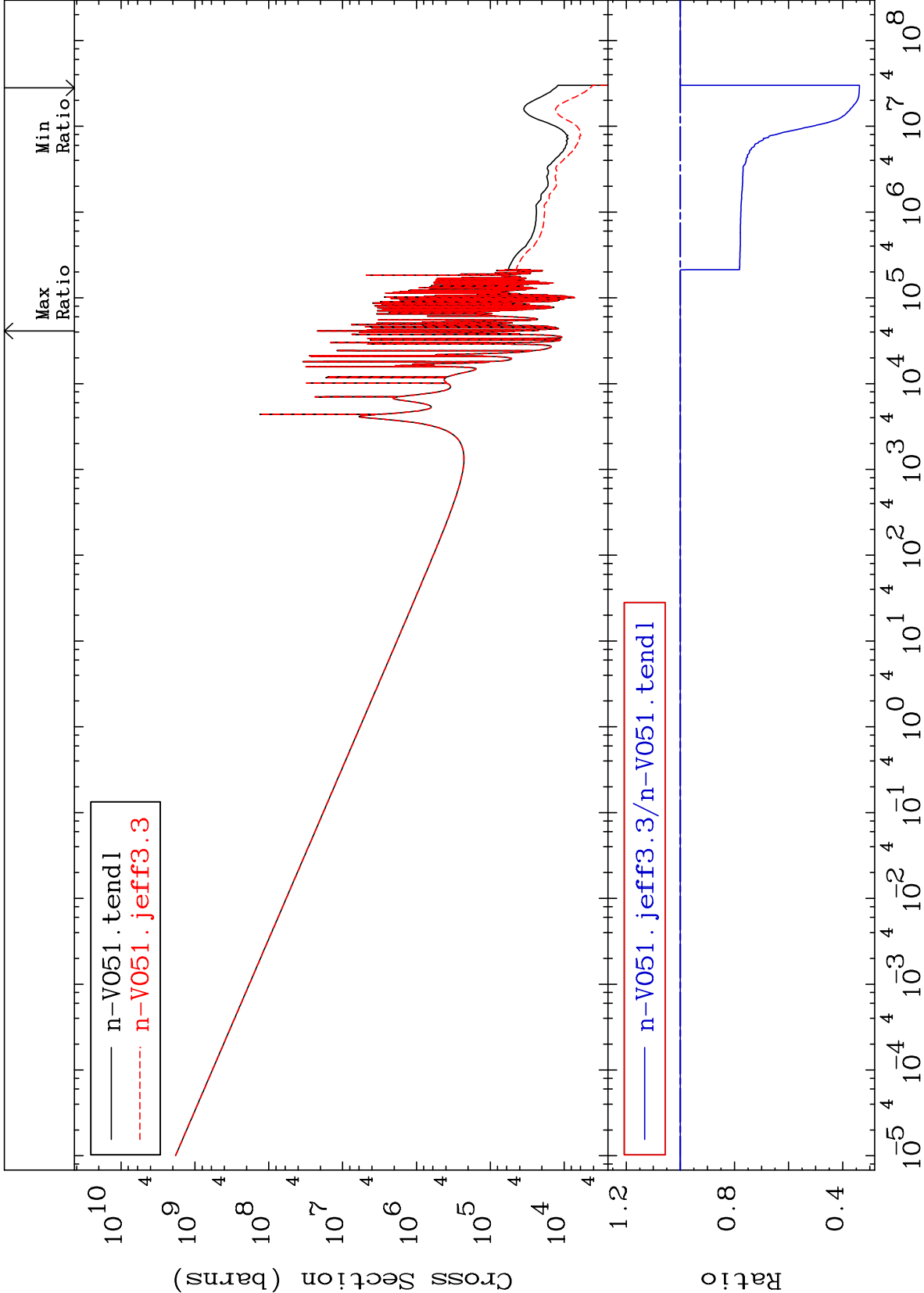
MAT 2328

Kerma capture (mt102)

23-V -51

Cross Section

-66.18 To 0.000 %

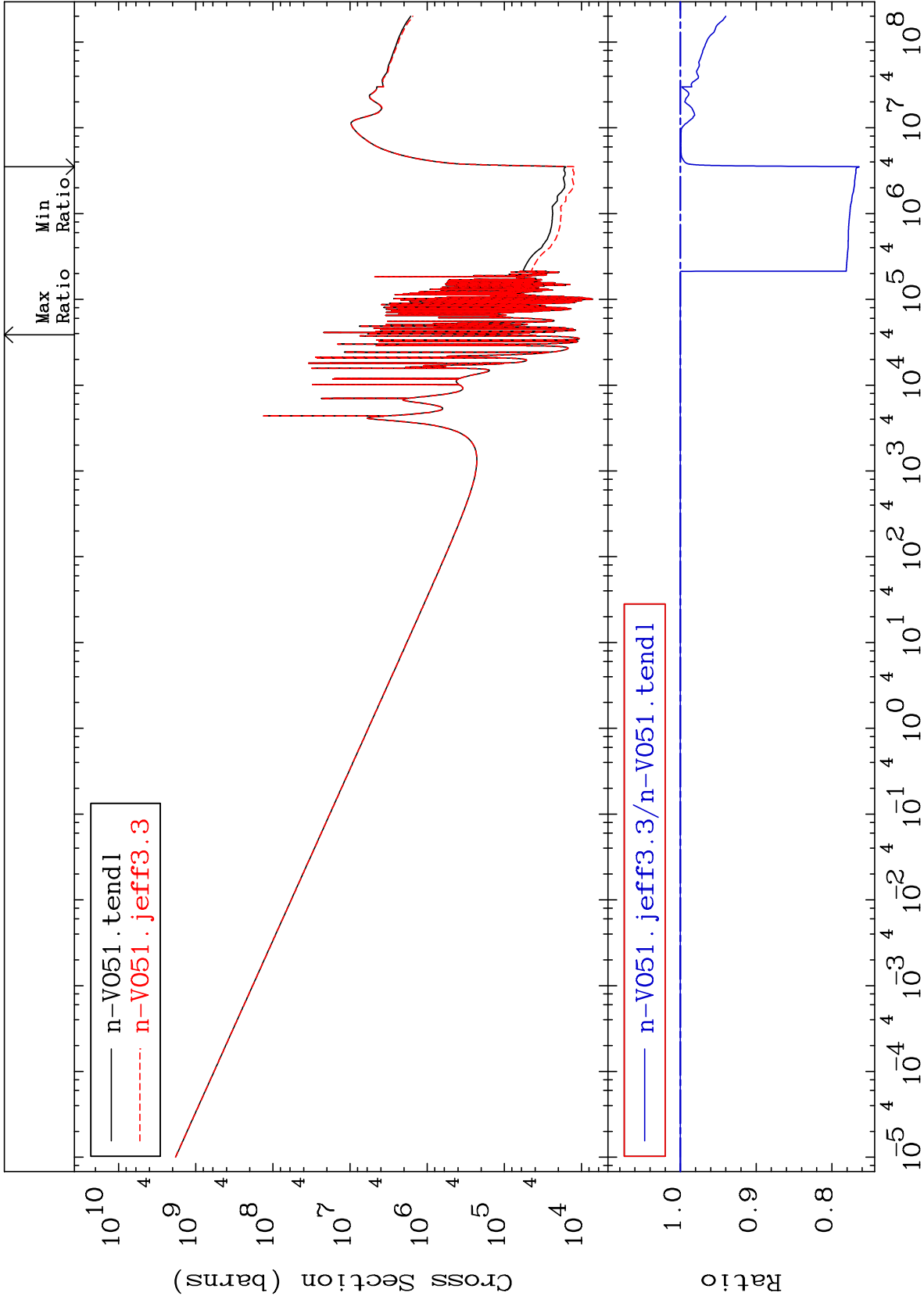


MAT 2328

Total photon (eV-barns)
Cross Section

23-V -51

-23.63 To 0.000 %



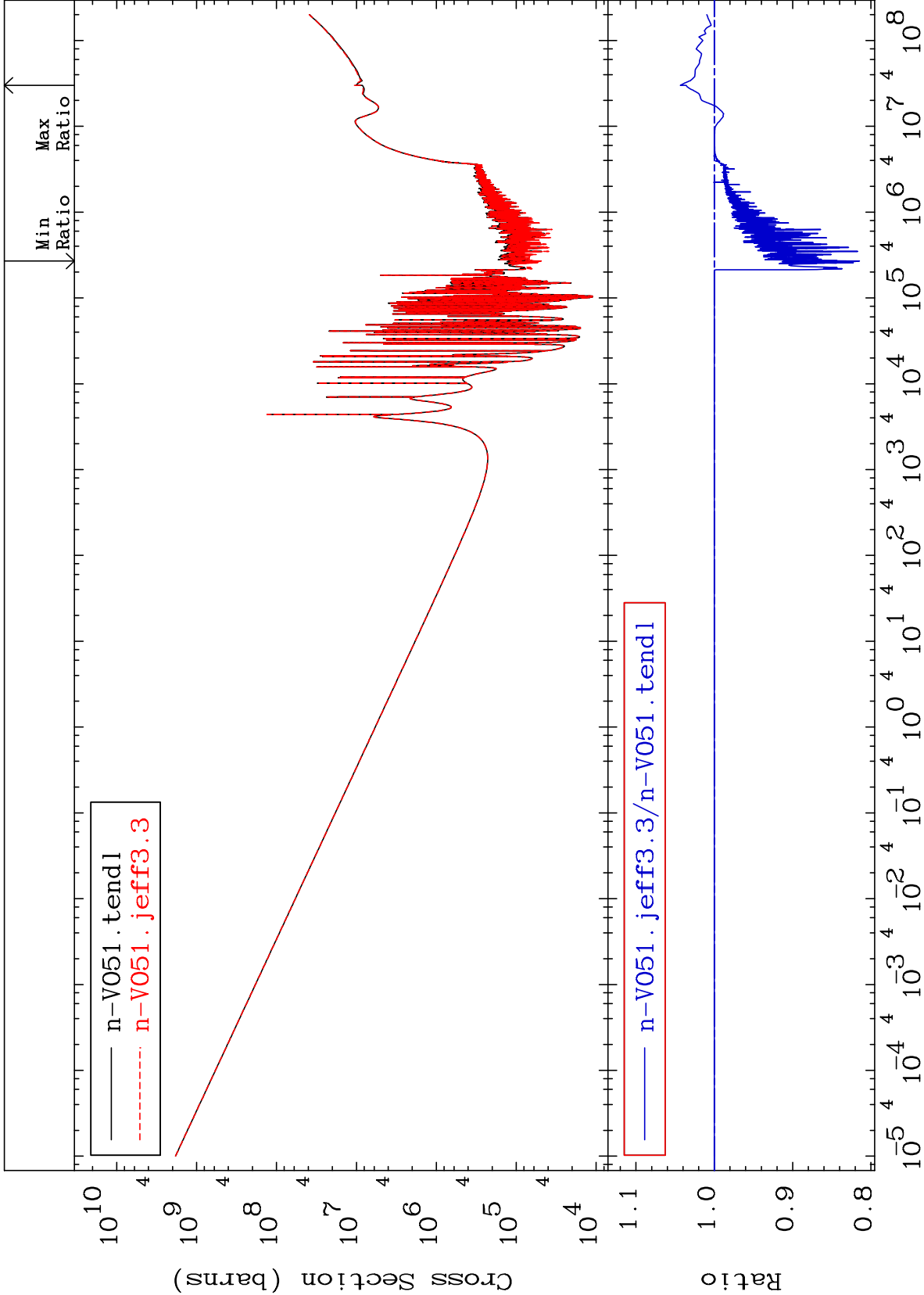
Incident Energy (eV)

23-V -51

71

Cross Section

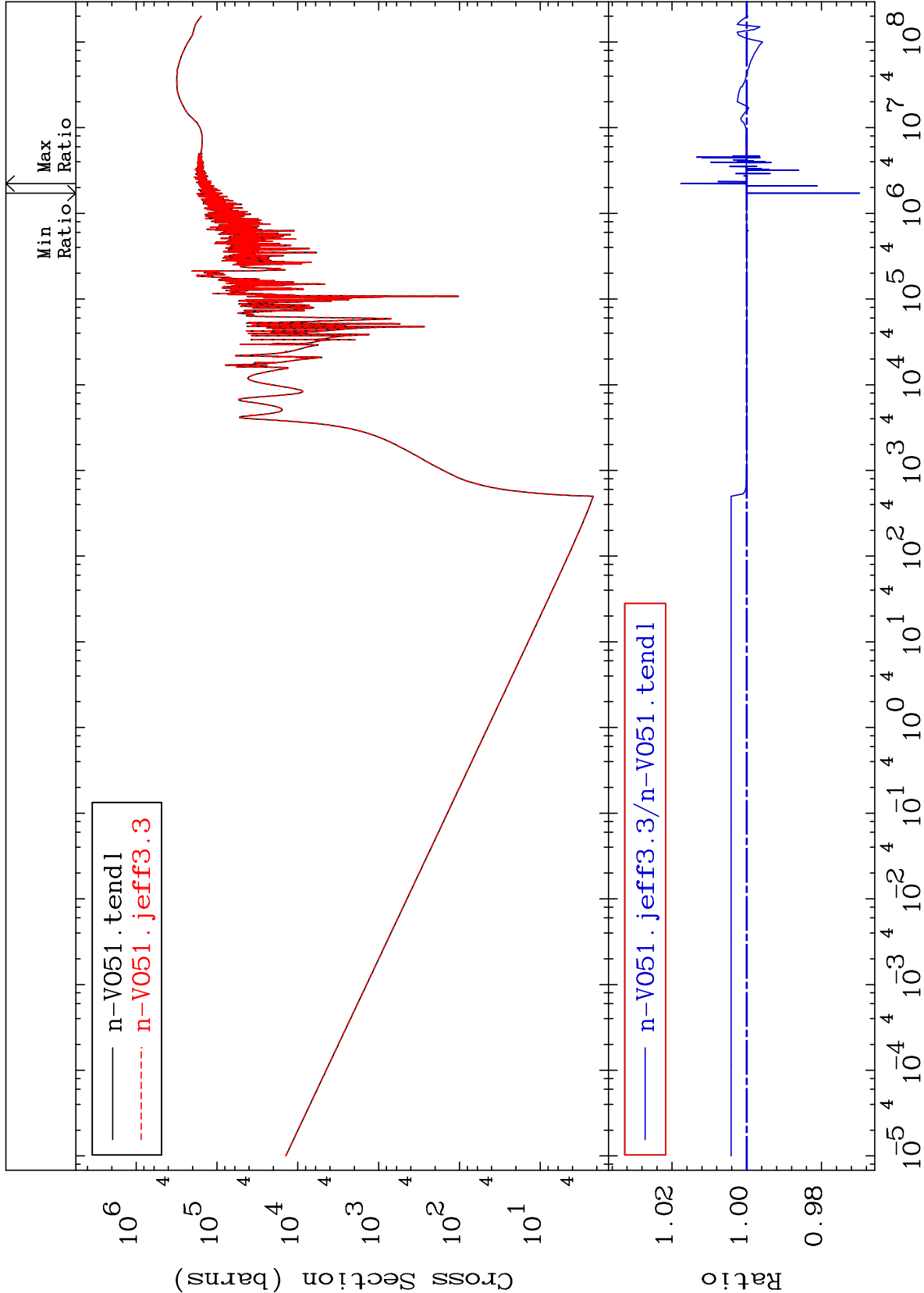
-18.52 To 4.336 %

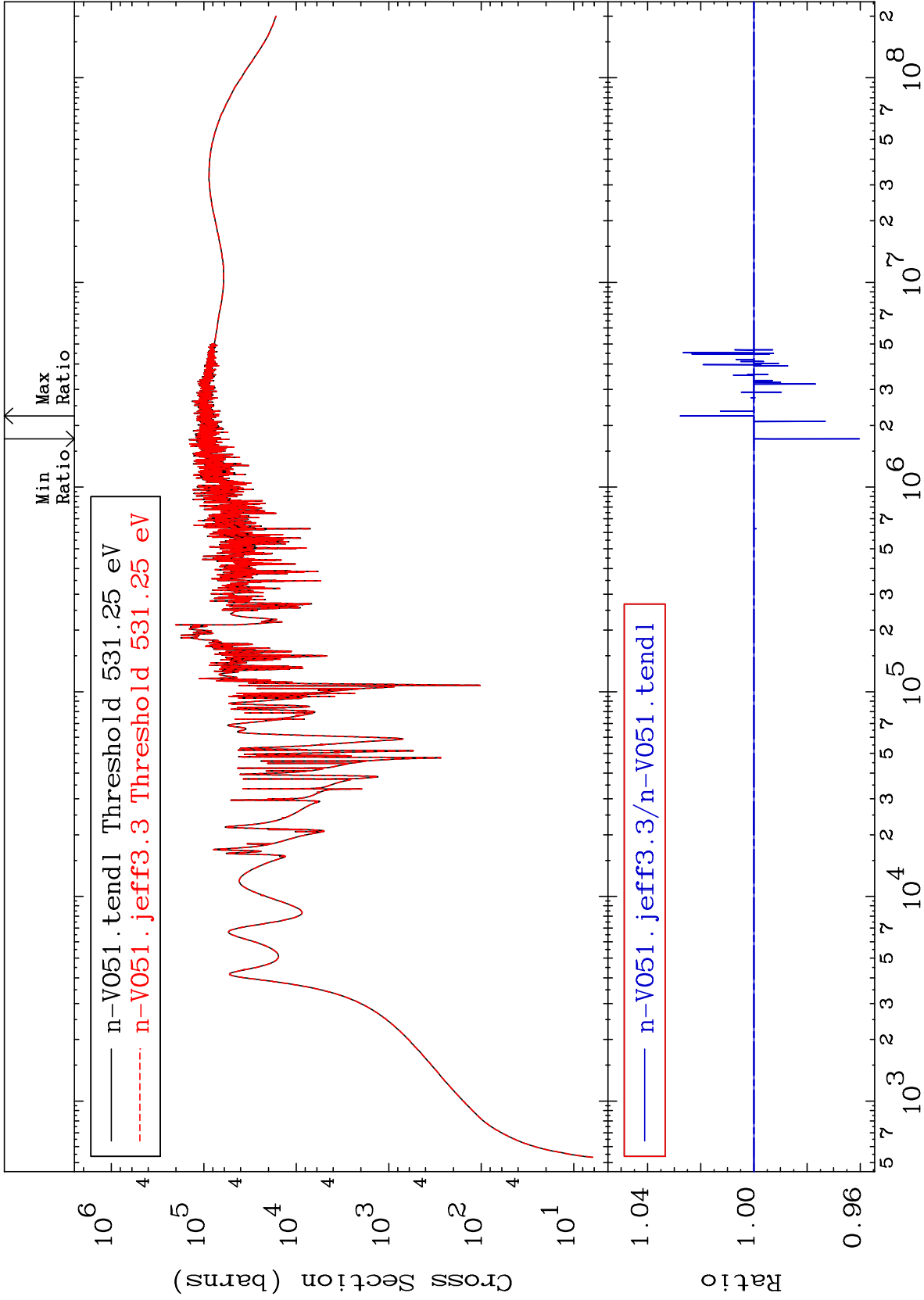


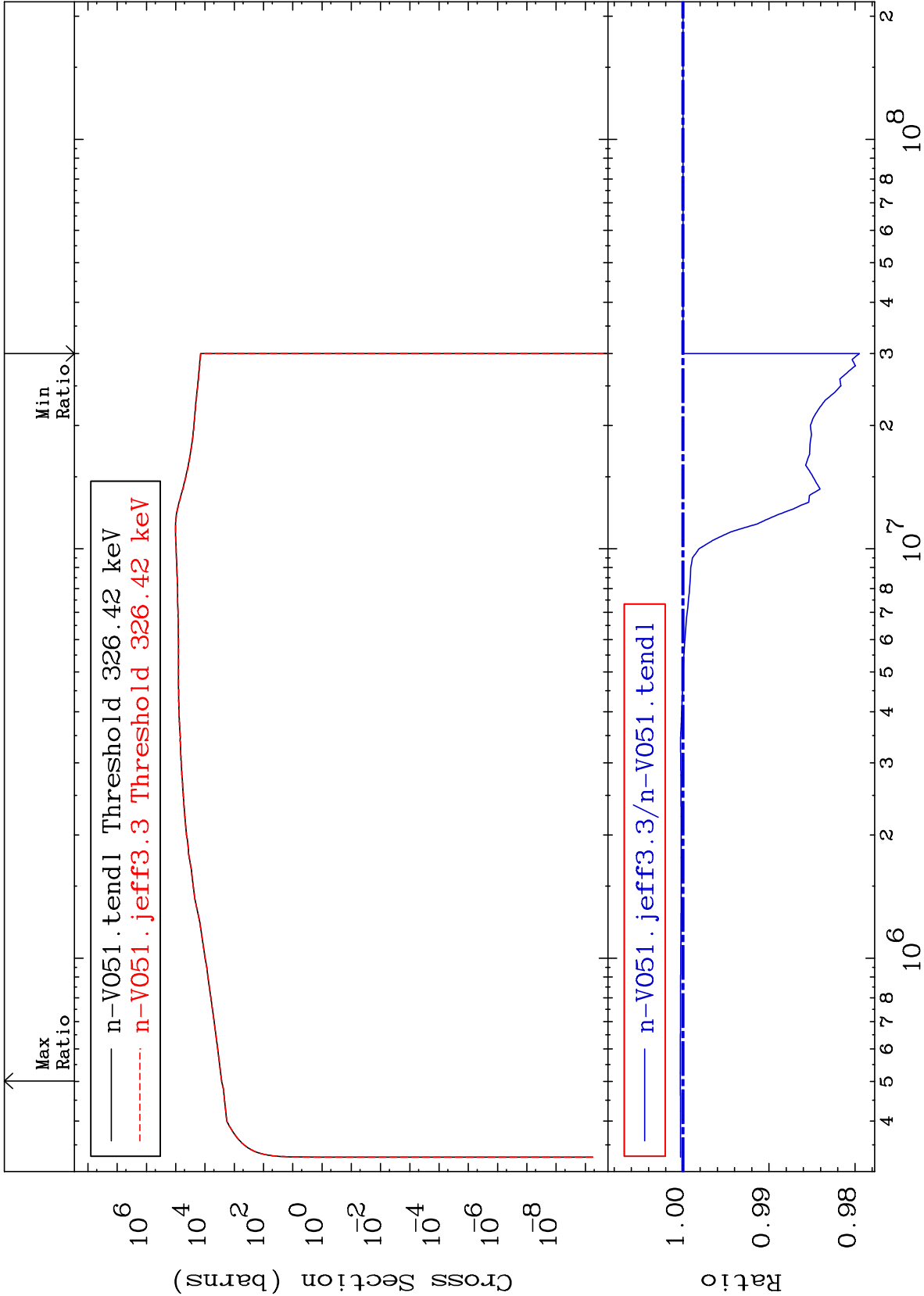
Incident Energy (eV)

Cross Section

-3.018 To 1.765 %

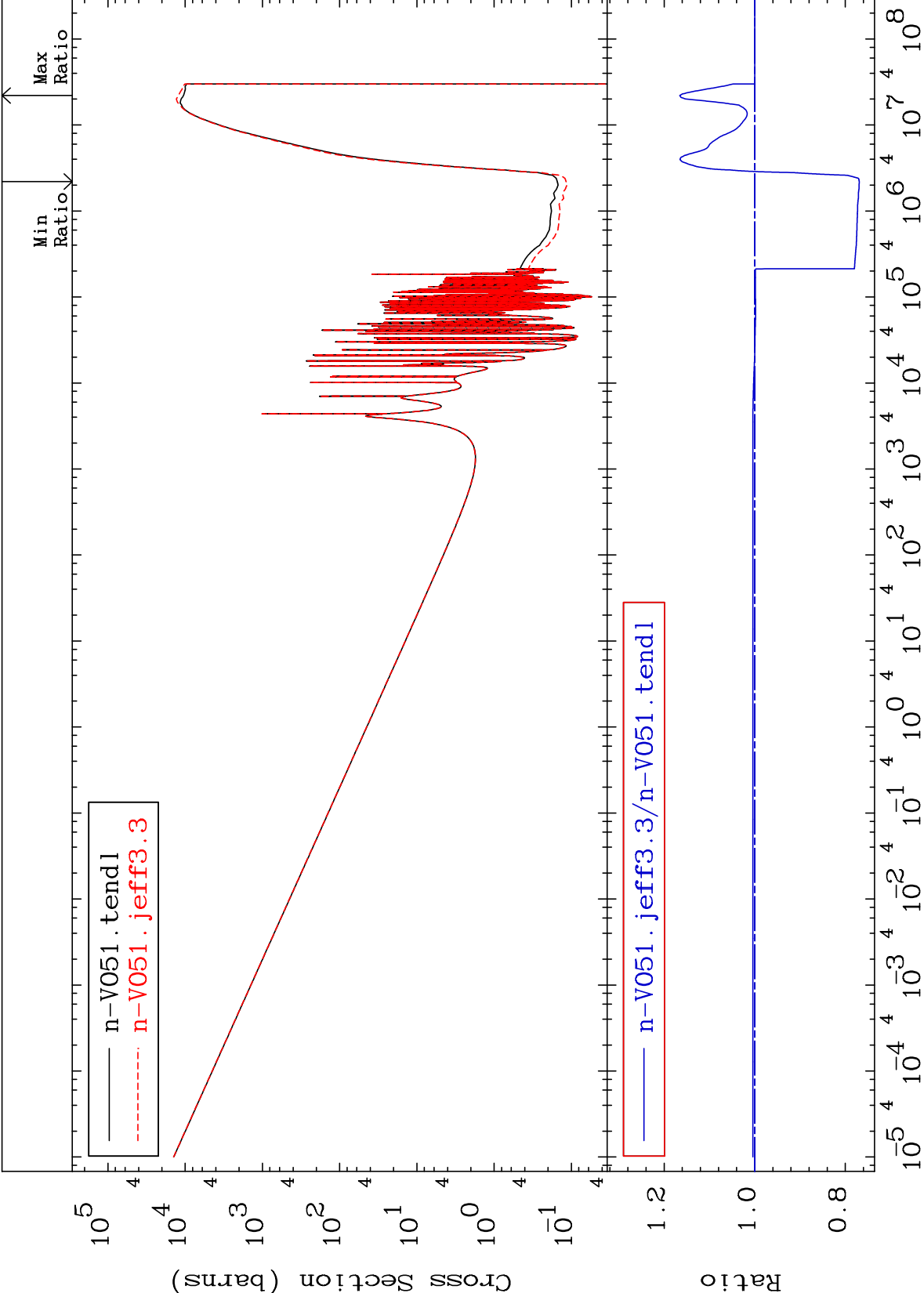




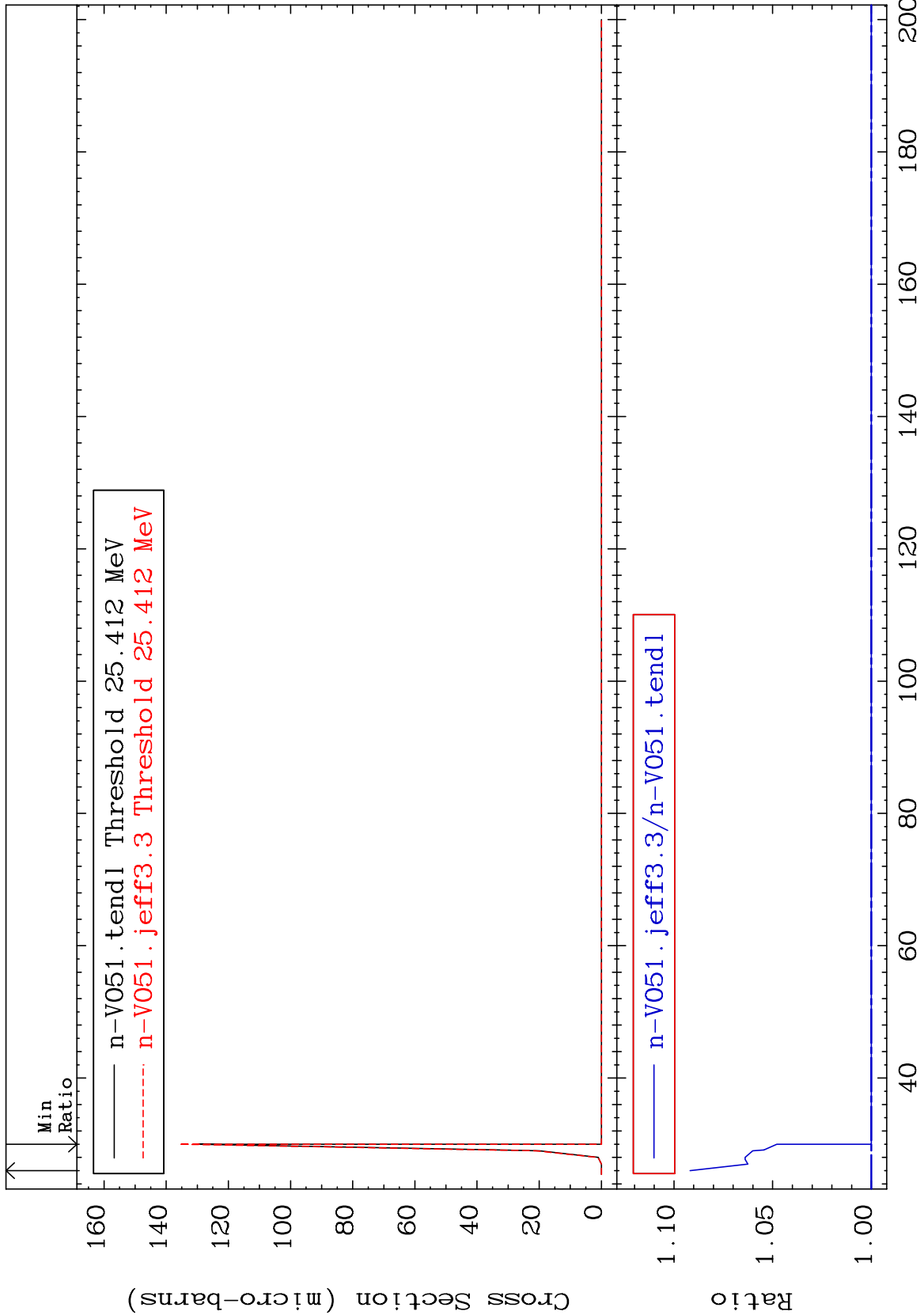


Cross Section

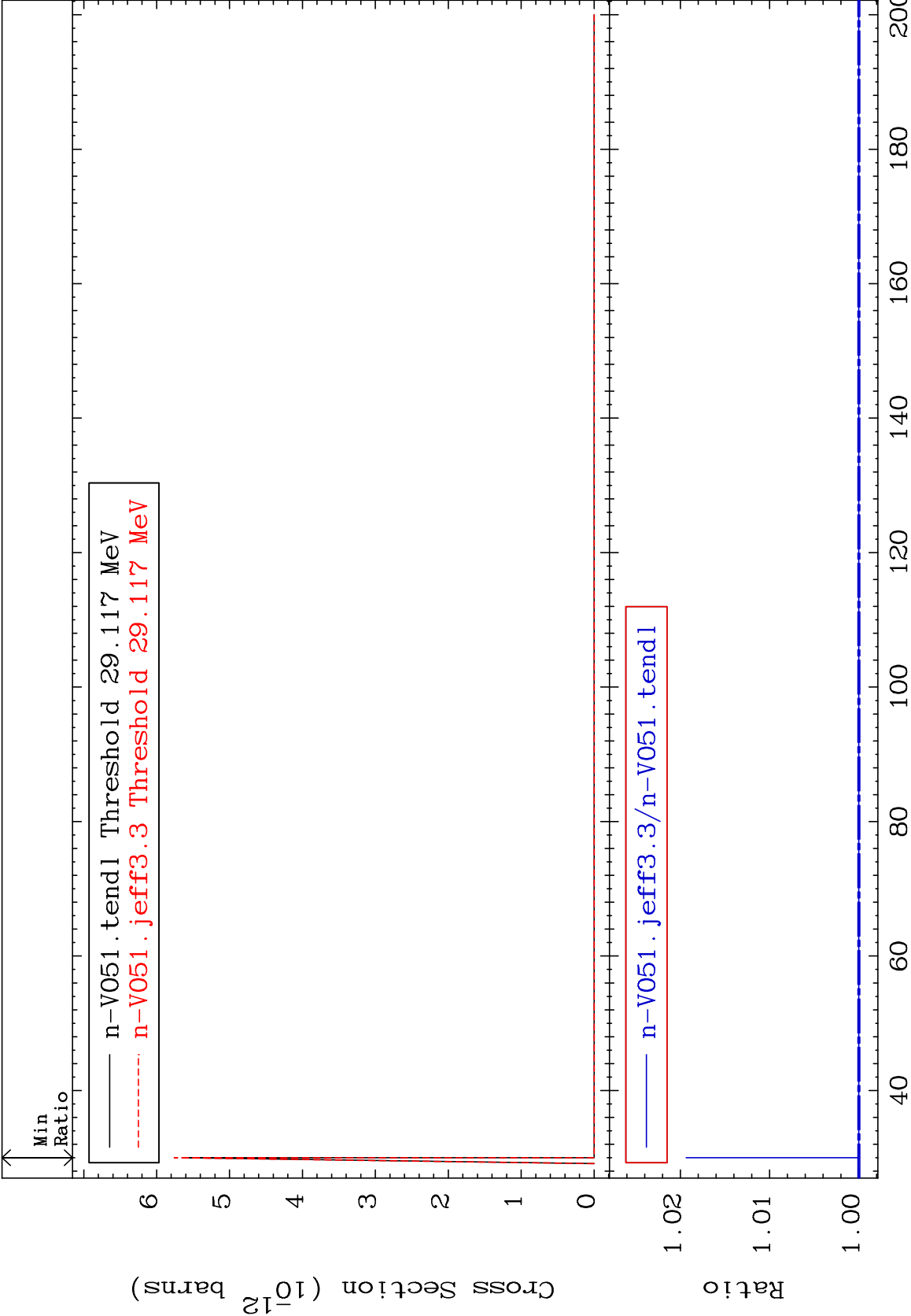
-23.08 To 16.55 %



Incident Energy (eV)



Radionuclide Production Cross Section 0.000 To 1.937 %

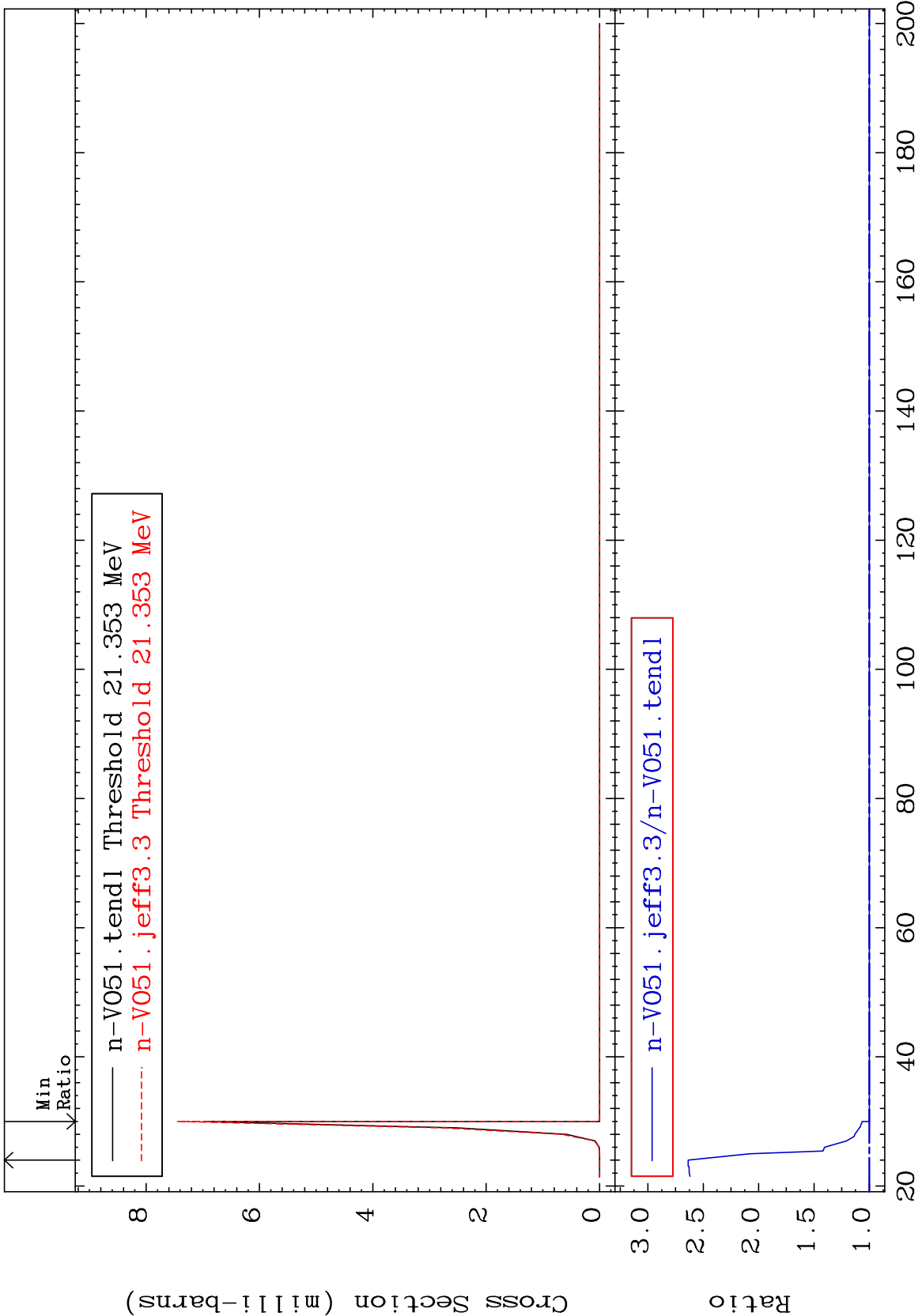


MAT 2328

(n,2n) α :21-Sc-46g

23-V -51

Radionuclide Production Cross Section 0.000 To 163.6 %



79

Incident Energy (MeV)

23-V -51

MAT 2328

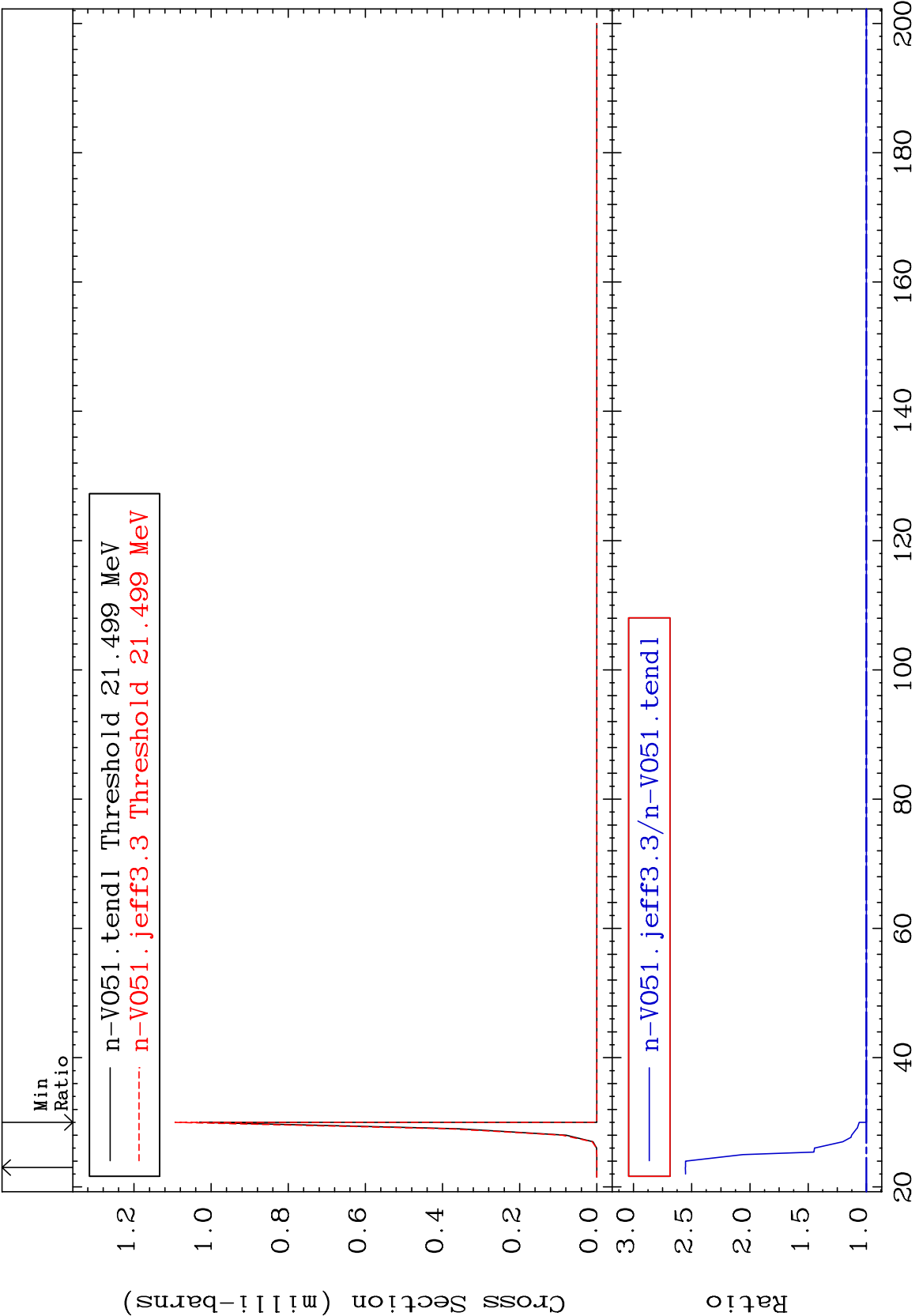
(n,2n) α :21-Sc-46m2

23-V -51

Radionuclide Production Cross Section

0.000

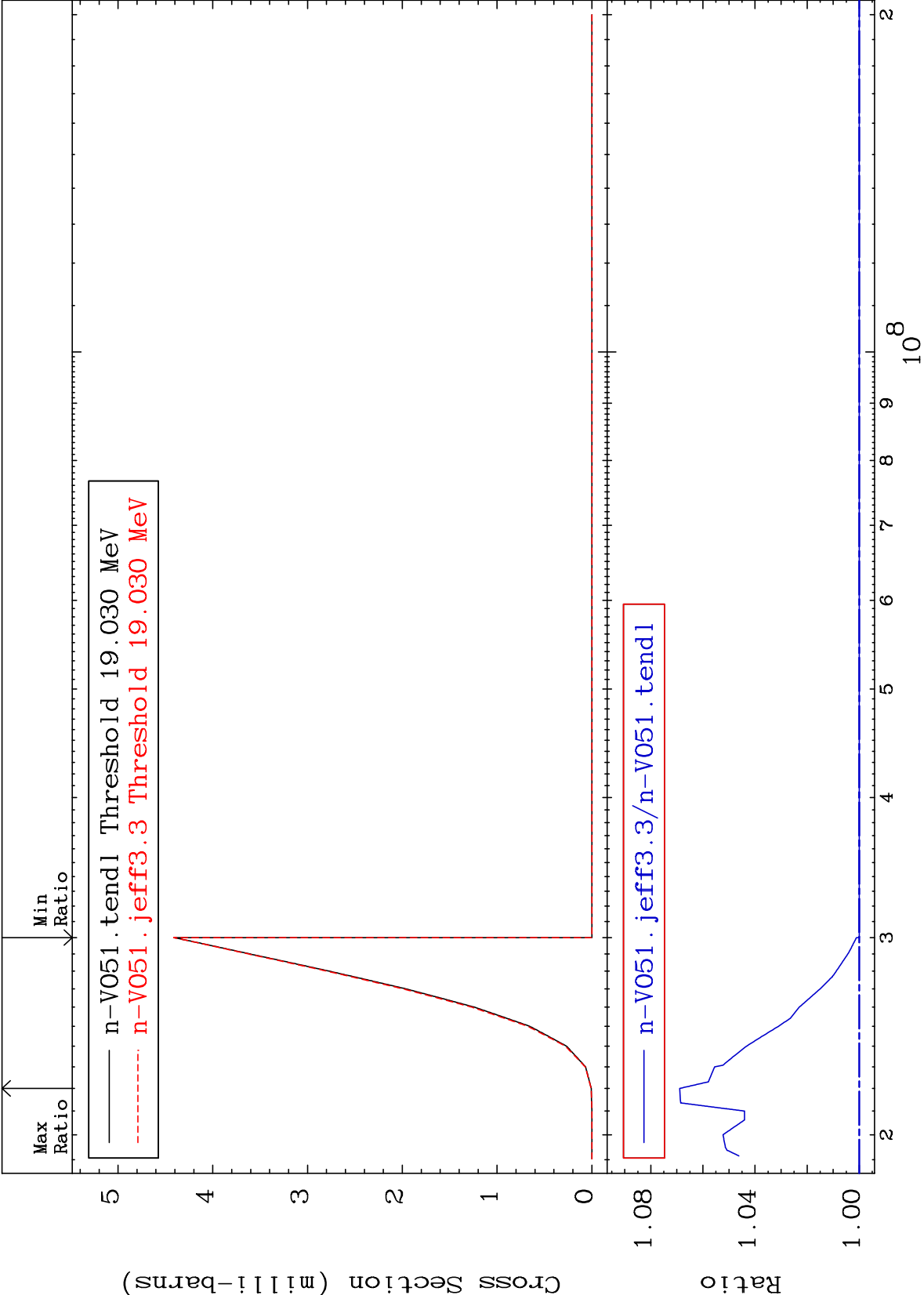
To 155.5 %



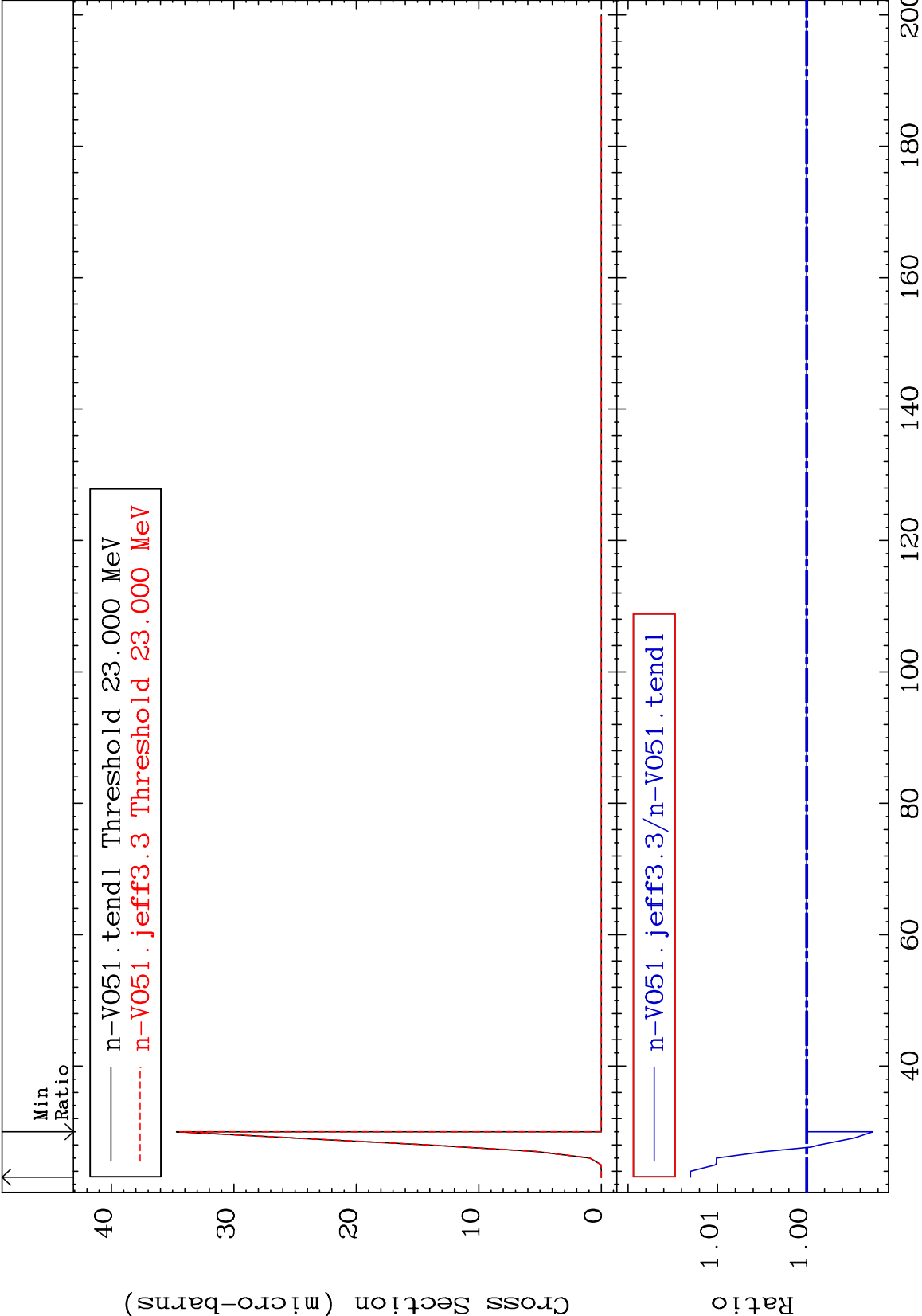
80

Incident Energy (MeV)

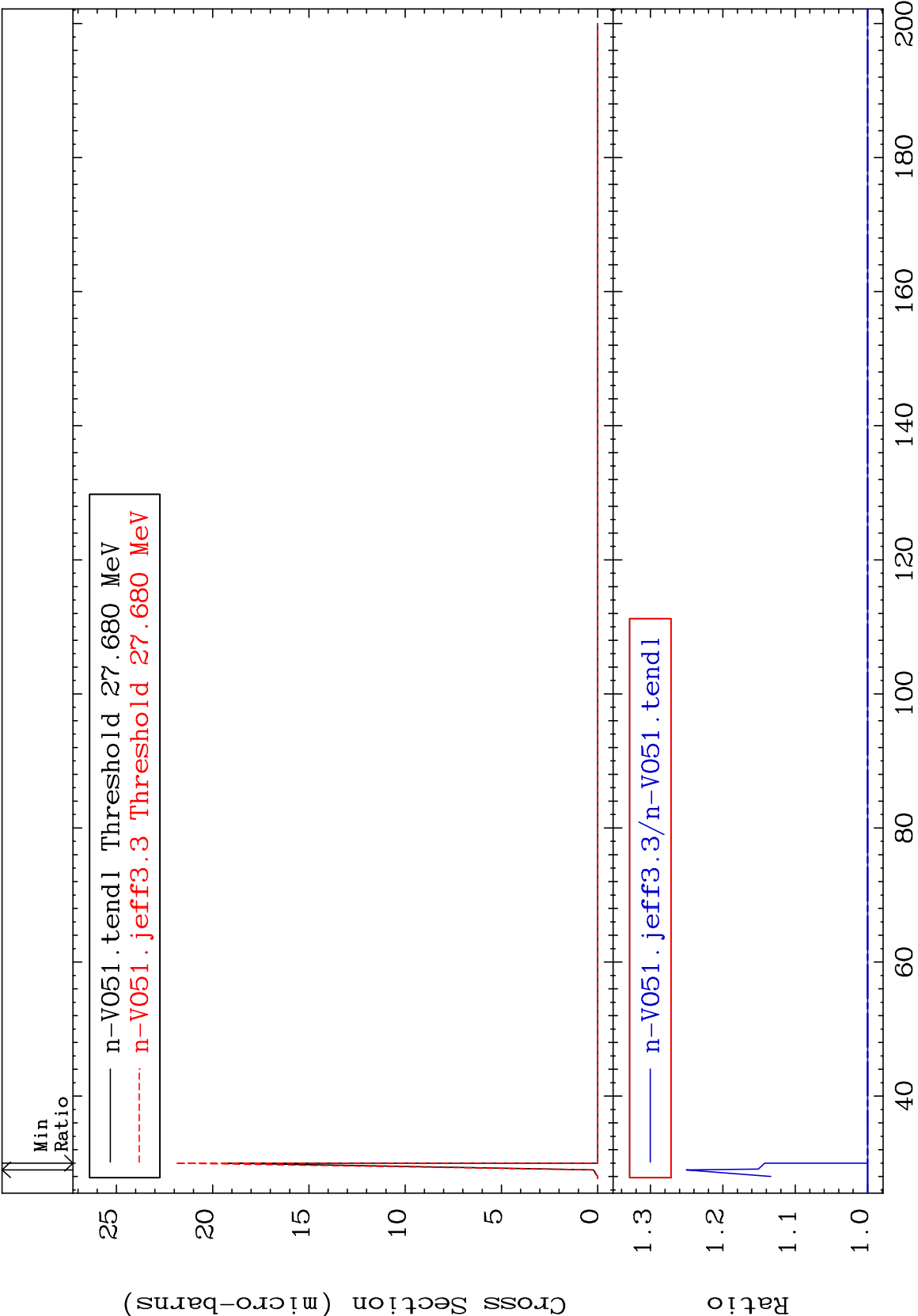
23-V -51



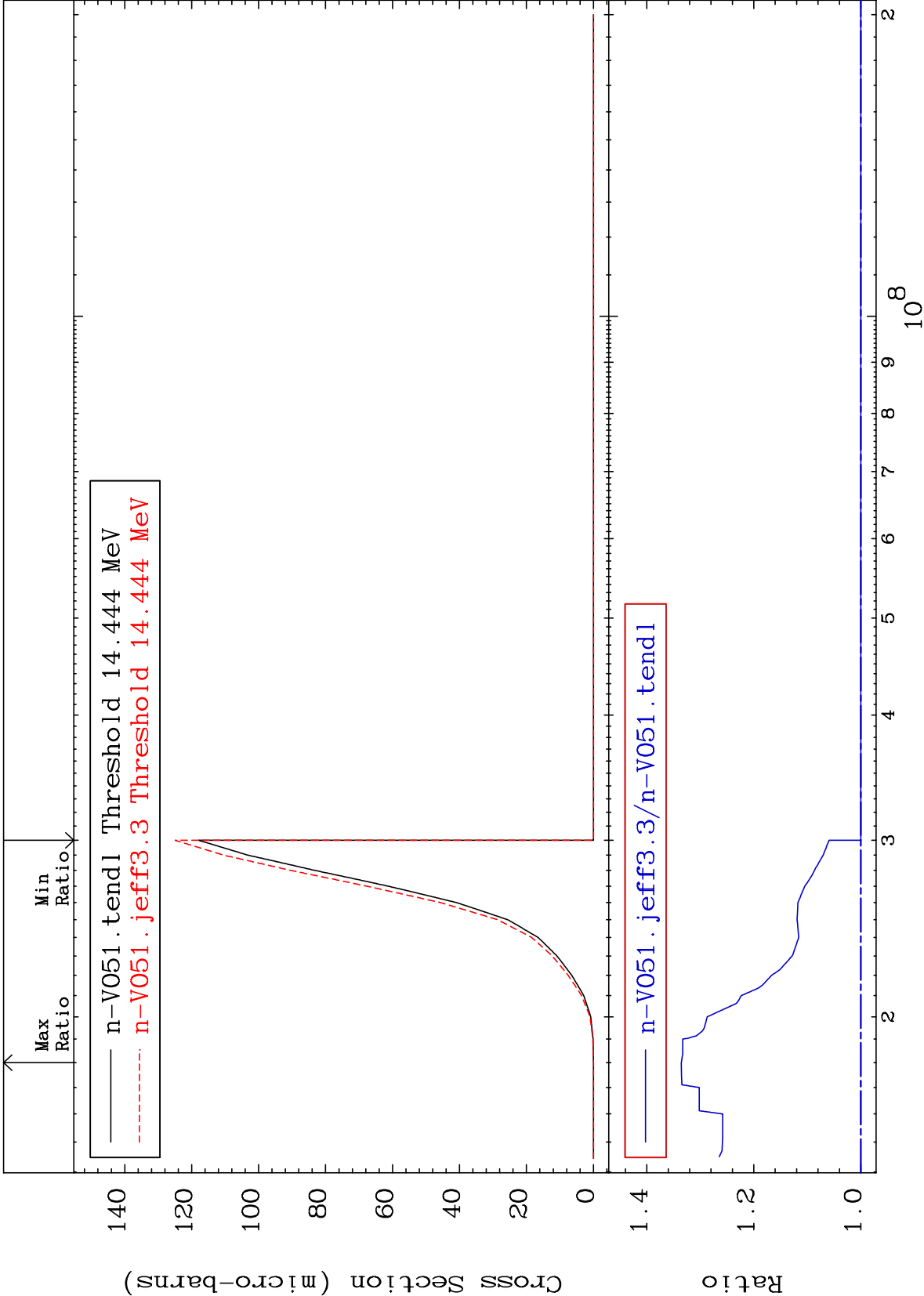
Radionuclide Production Cross Section -0.742 To 1.301 %



Radionuclide Production Cross Section 0.000 To 25.05 %



Radionuclide Production Cross Section 0.000 To 33.55 %



Radionuclide Production Cross Section 0.000 To 413.0 %

