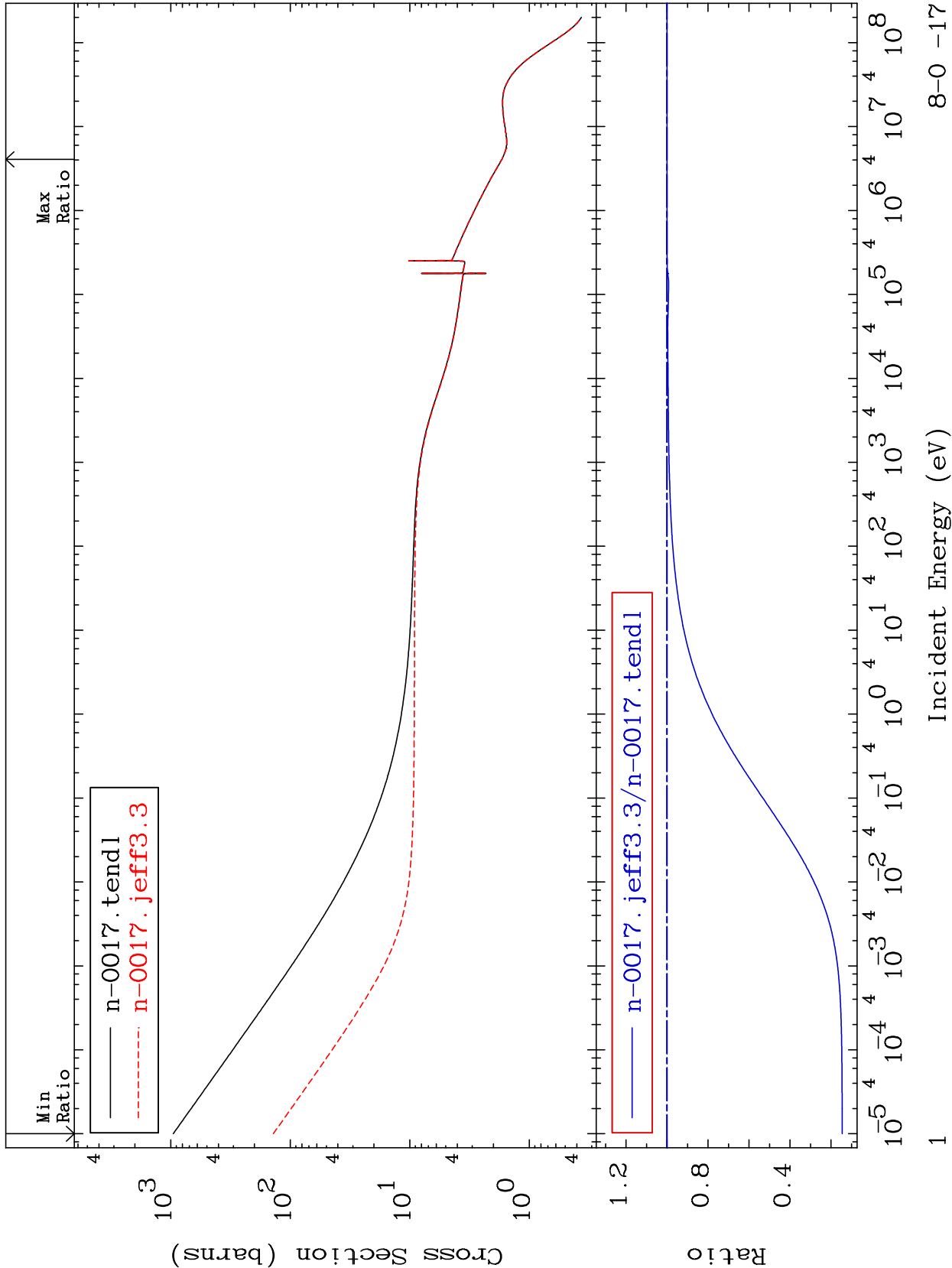


MAT 828

Total
Cross Section

8-0 -17
-85.47 To 0.005 %



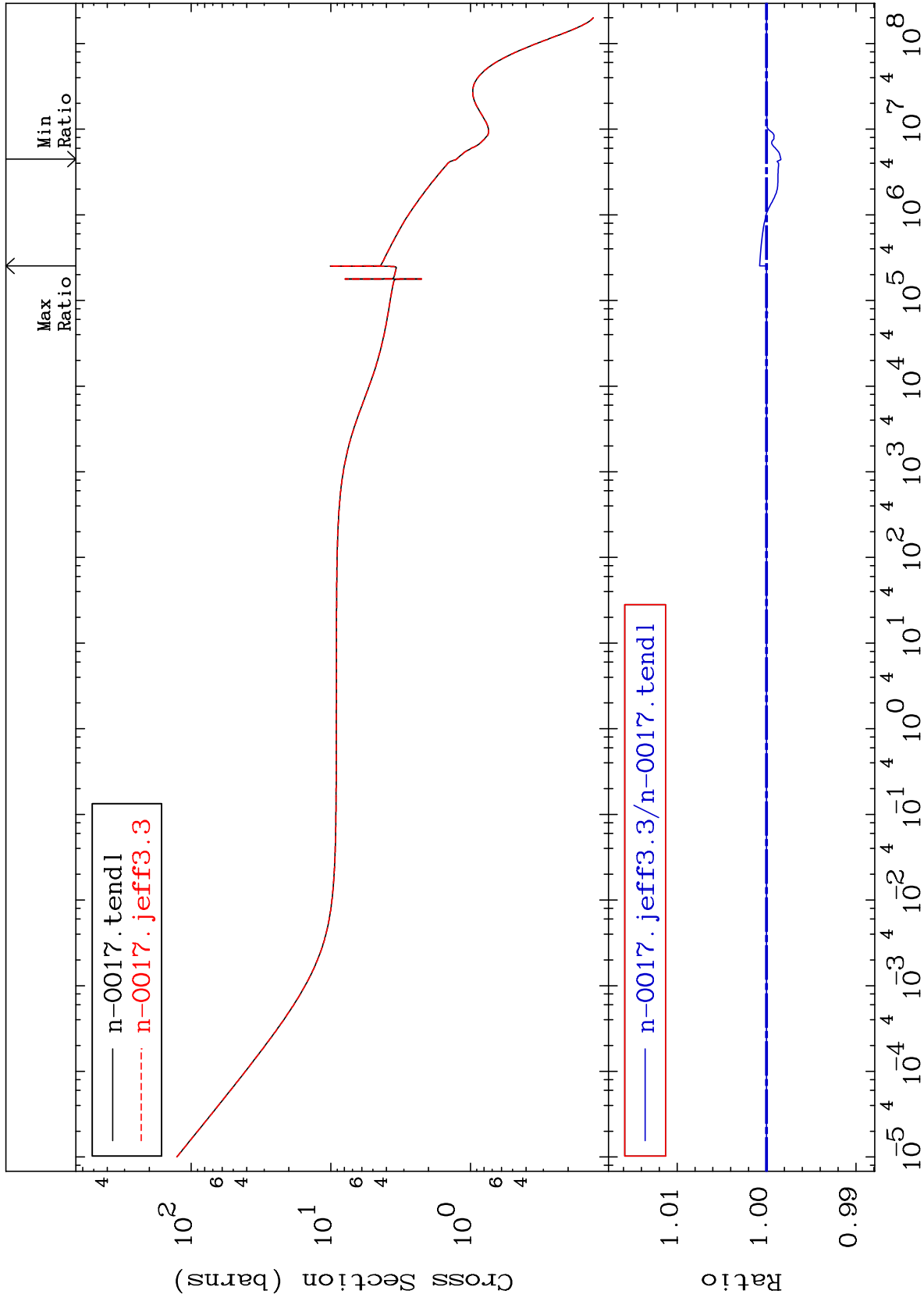
MAT 828

Elastic

Cross Section

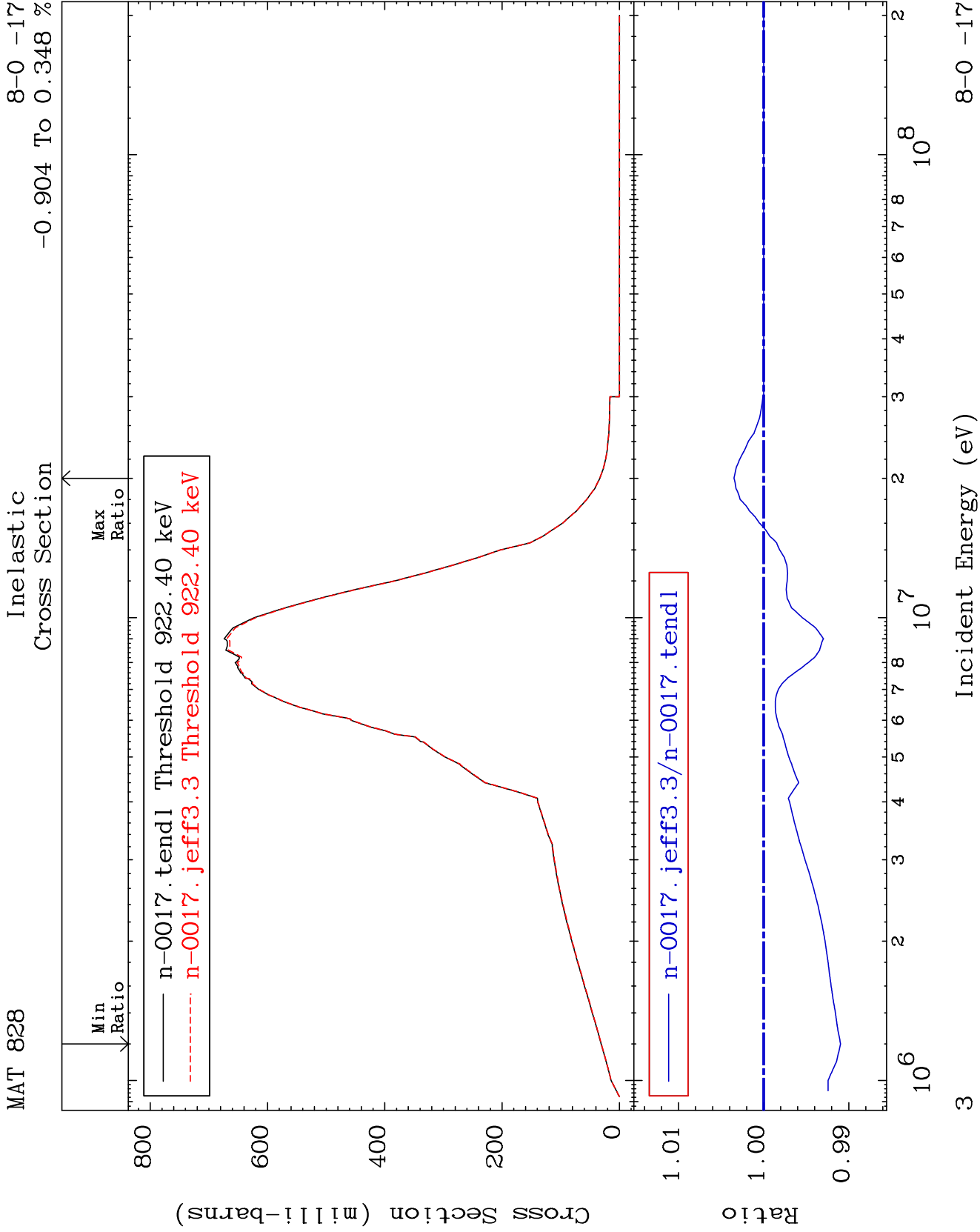
8-0 -17

-0.159 To 0.078 %



Incident Energy (eV)

8-0 -17



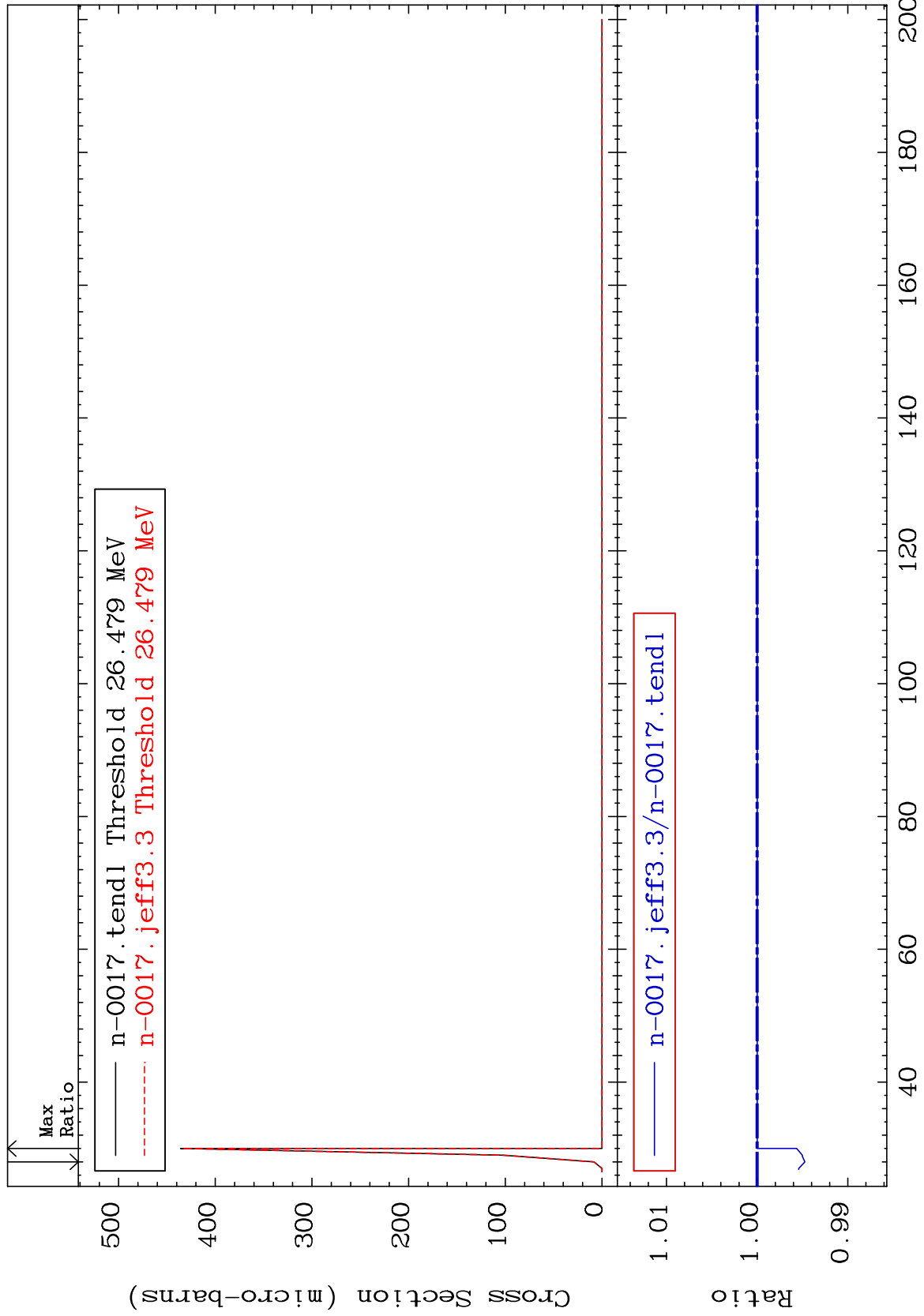
MAT 828

(n,2n) d

8-0 -17

Cross Section

-0.525 To 0.000 %



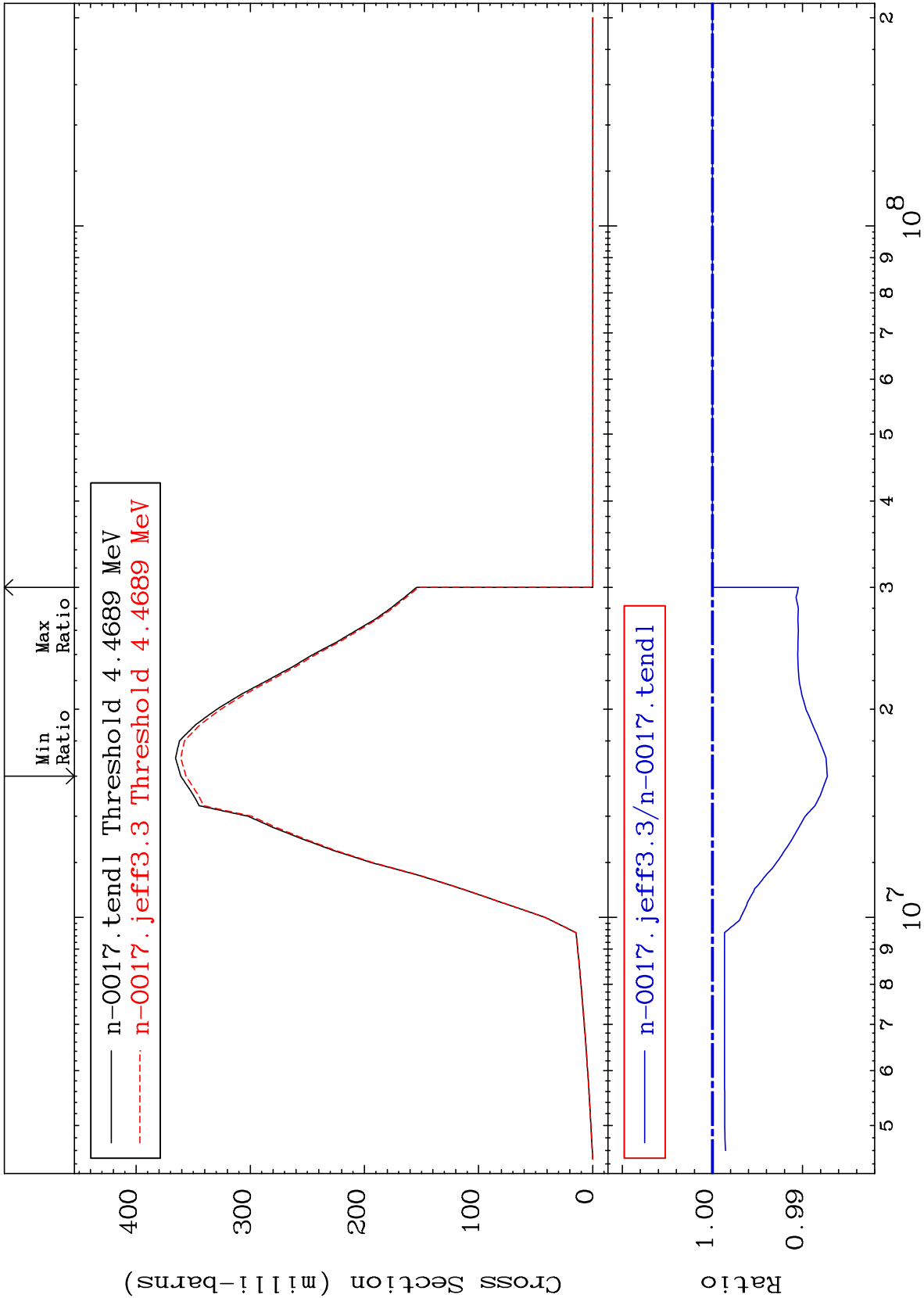
MAT 828

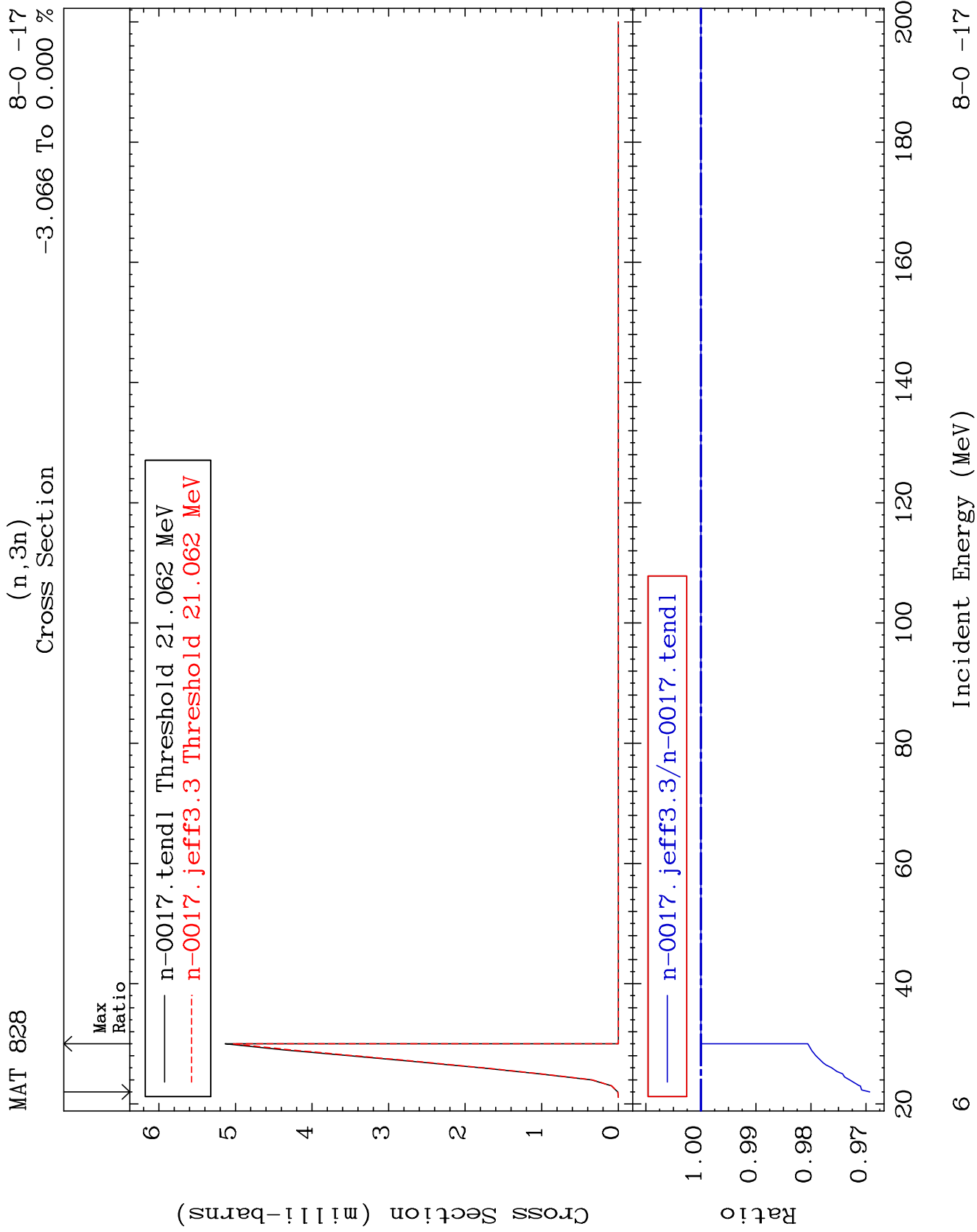
(n,2n)

8-0 -17

Cross Section

-1.275 To 0.000 %

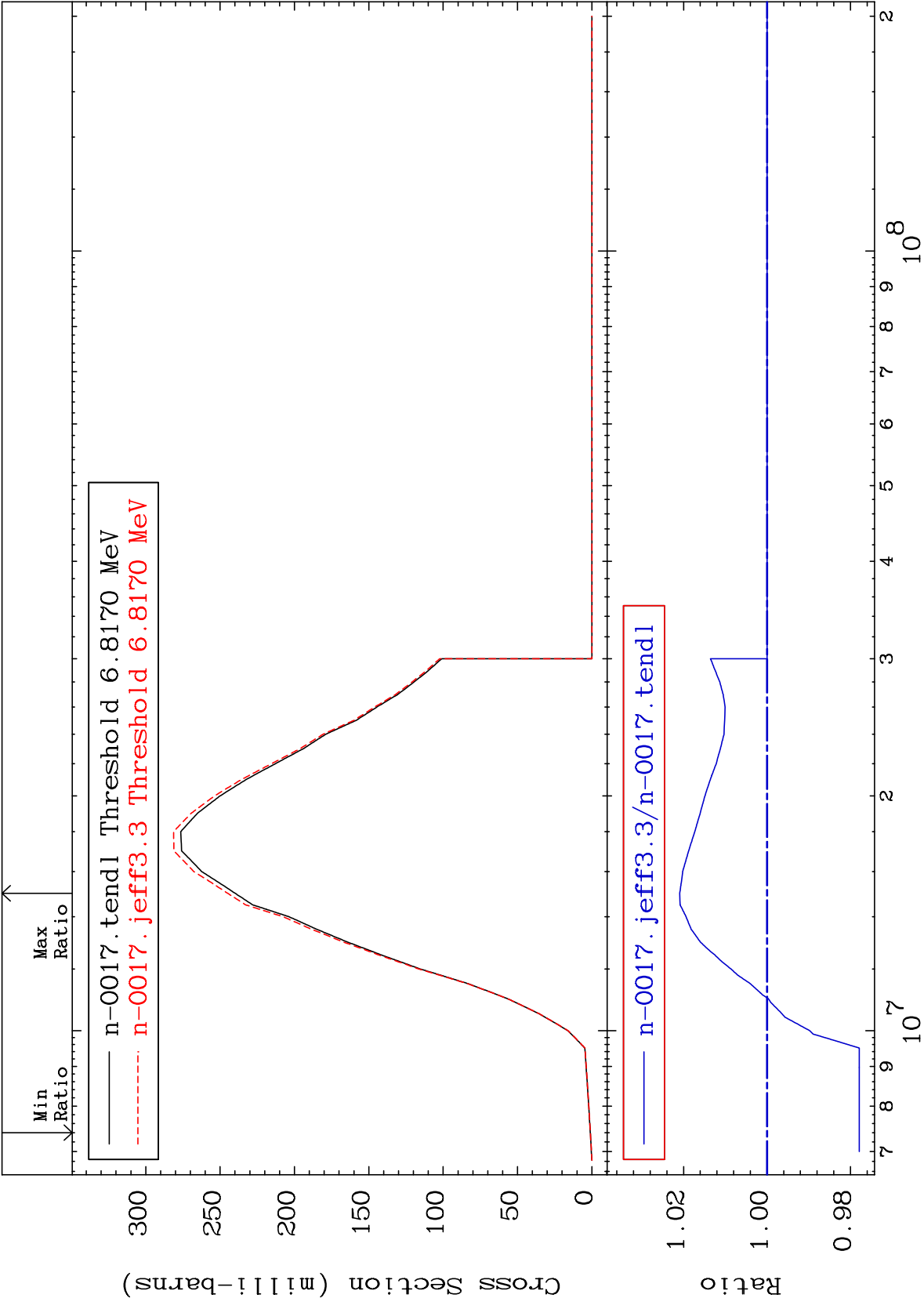




MAT 828

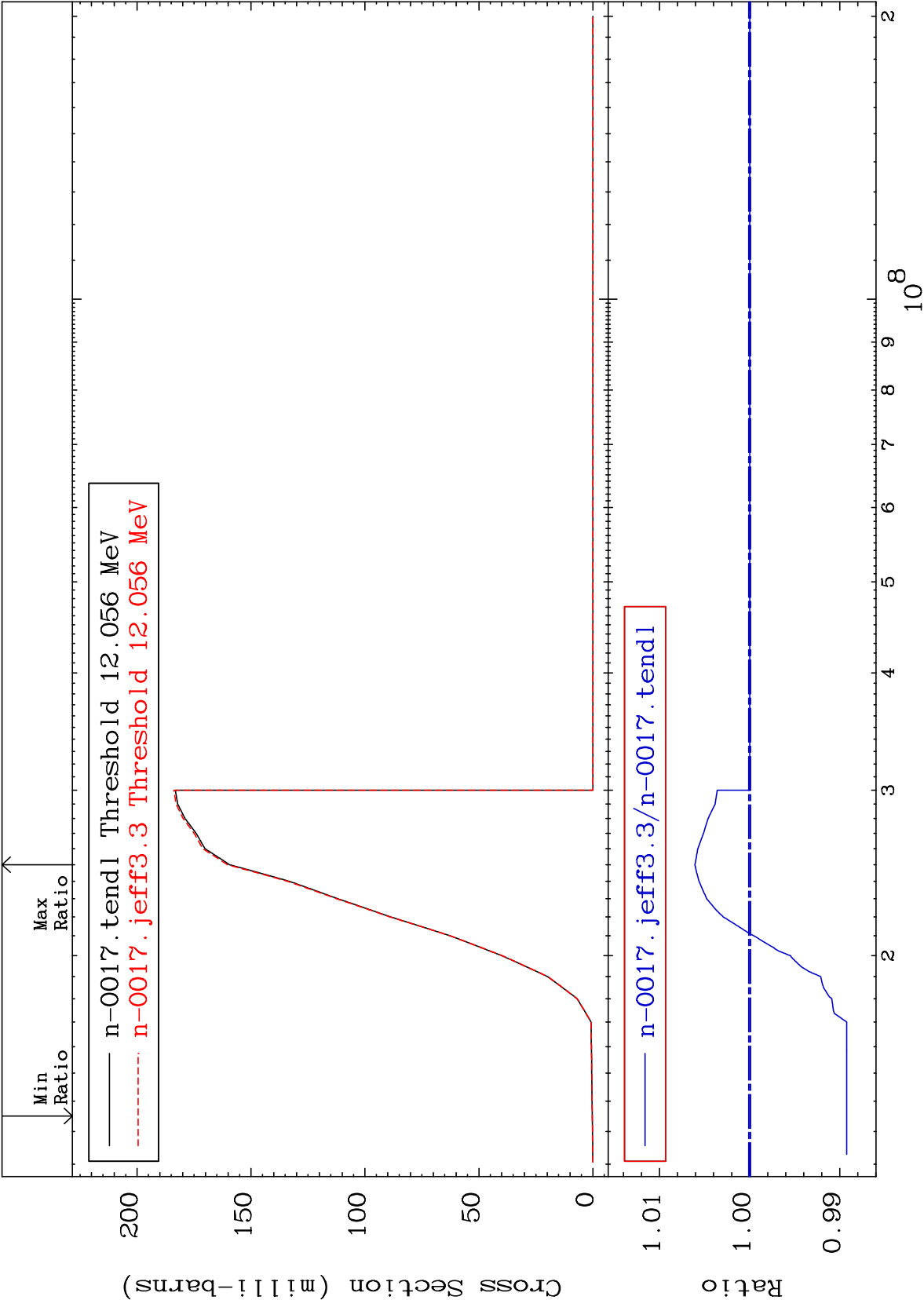
$(n,n') \alpha$
Cross Section

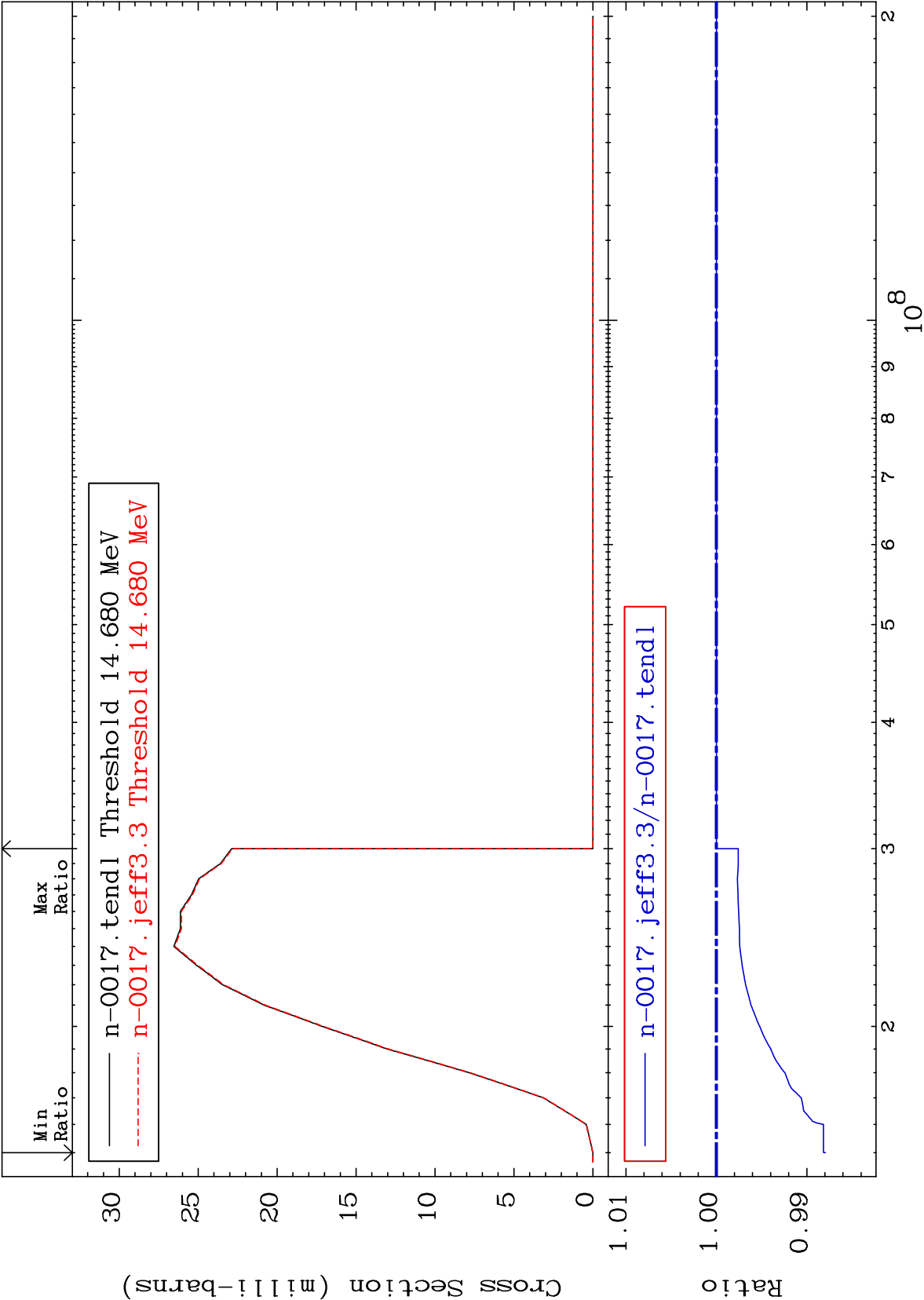
8-0 -17
-2.211 To 2.092 %



Incident Energy (eV)

8-0 -17



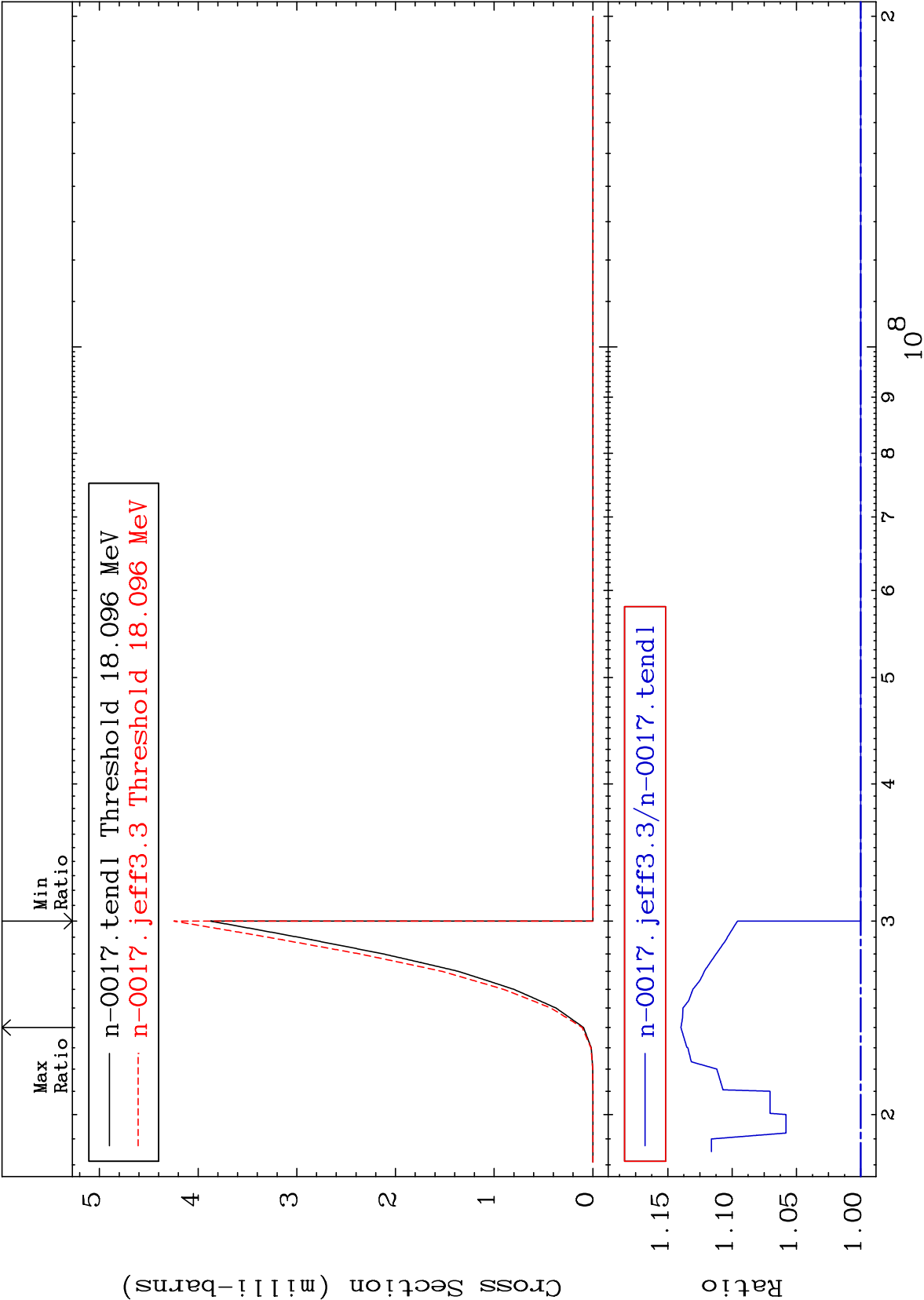


MAT 828

(n,n') 2α

Cross Section

0.000 To 13.98 %
8-0 -17



10

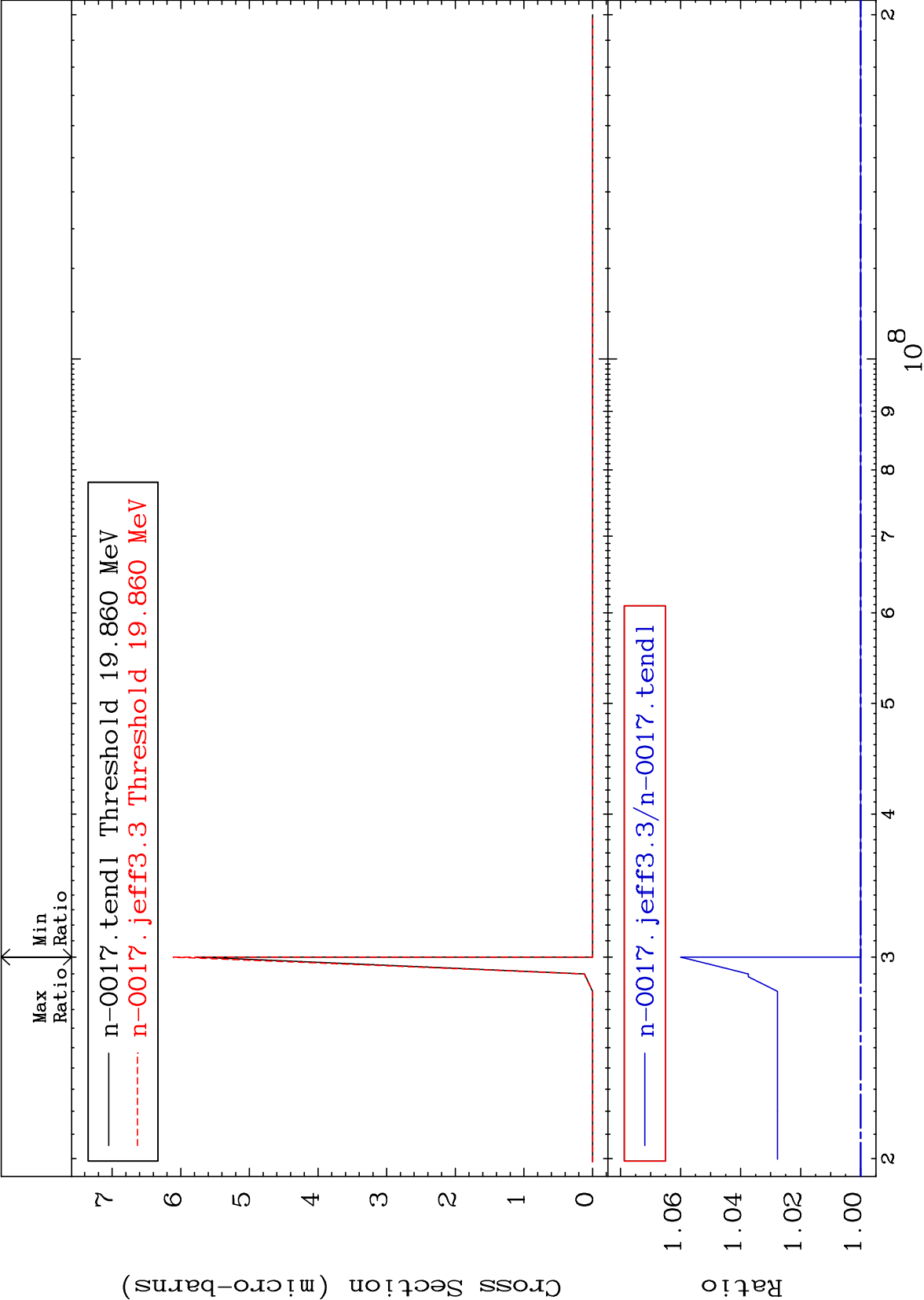
Incident Energy (eV)

8-0 -17

Cross Section

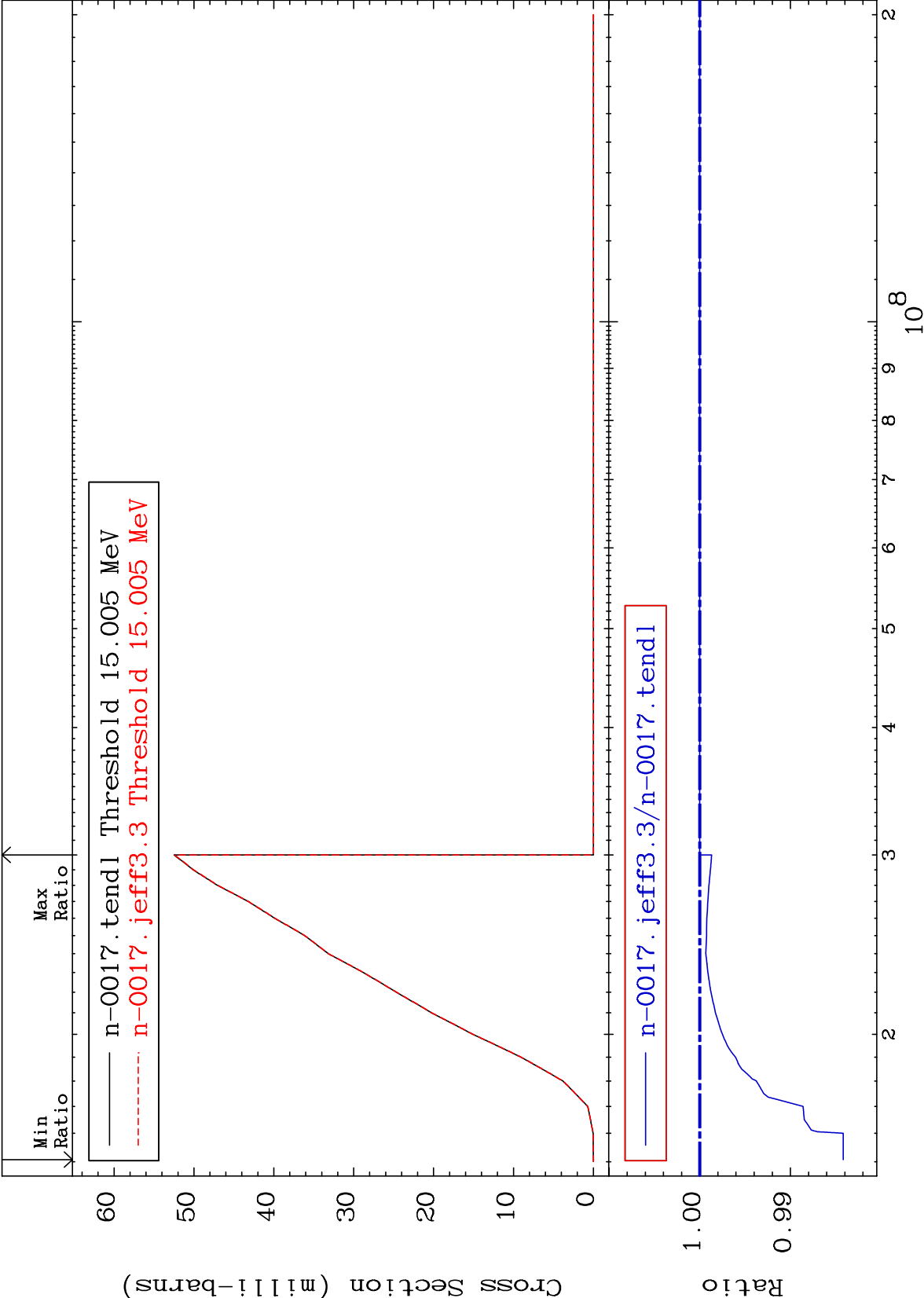
0.000

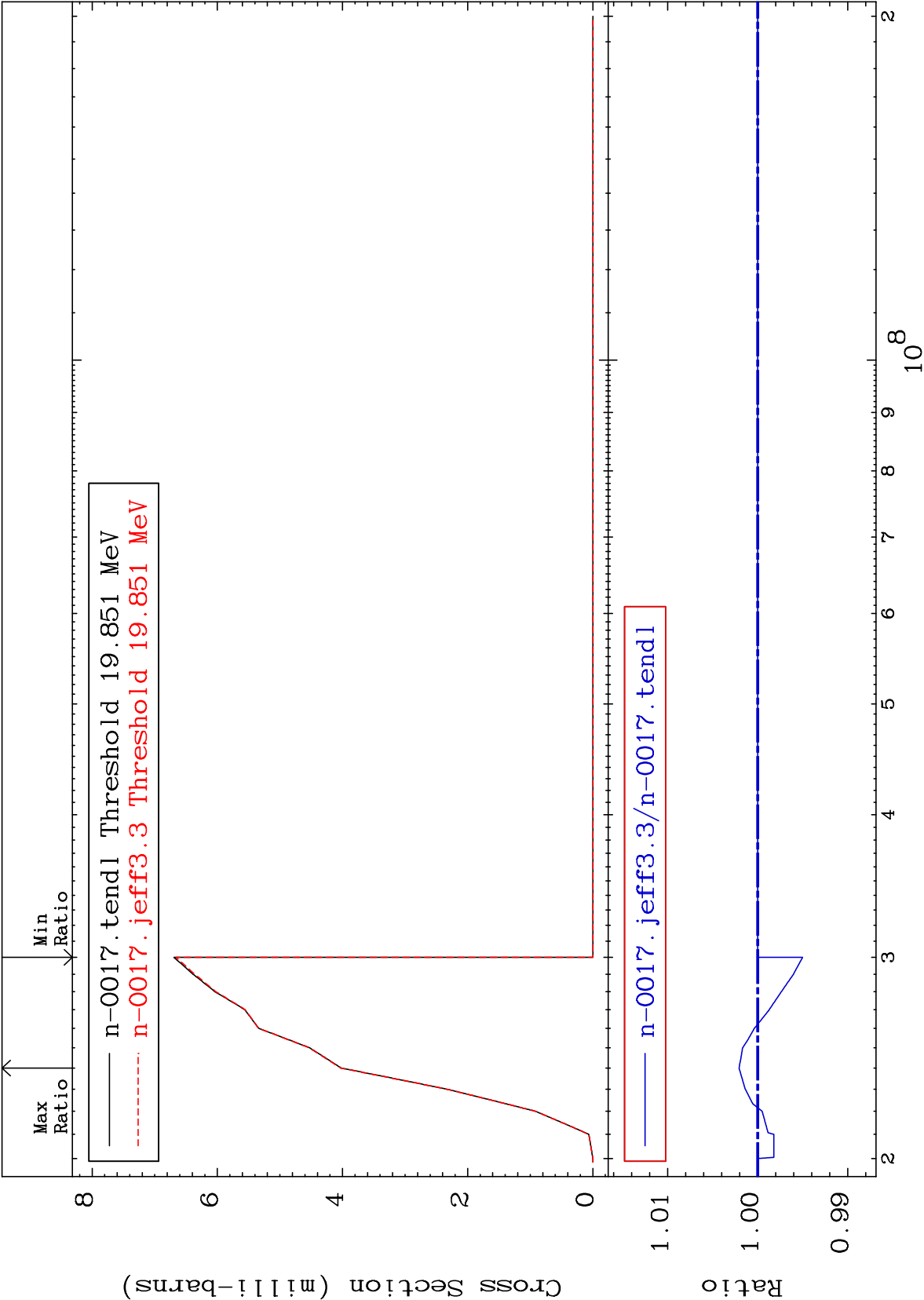
To 5.998 %



Cross Section

-1.582 To 0.000 %





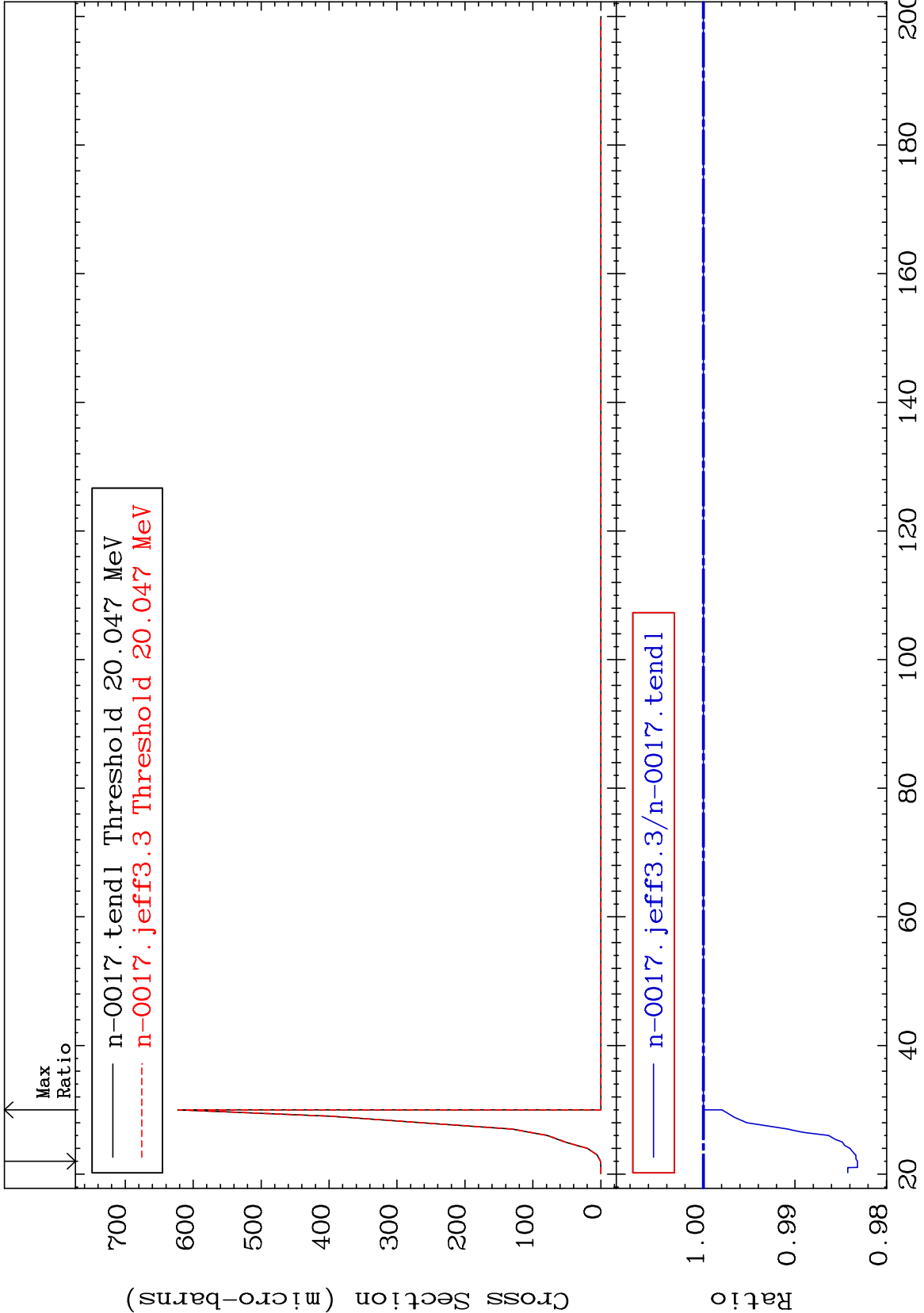
MAT 828

(n,n') He-3

8-0 -17

Cross Section

-1.685 To 0.000 %



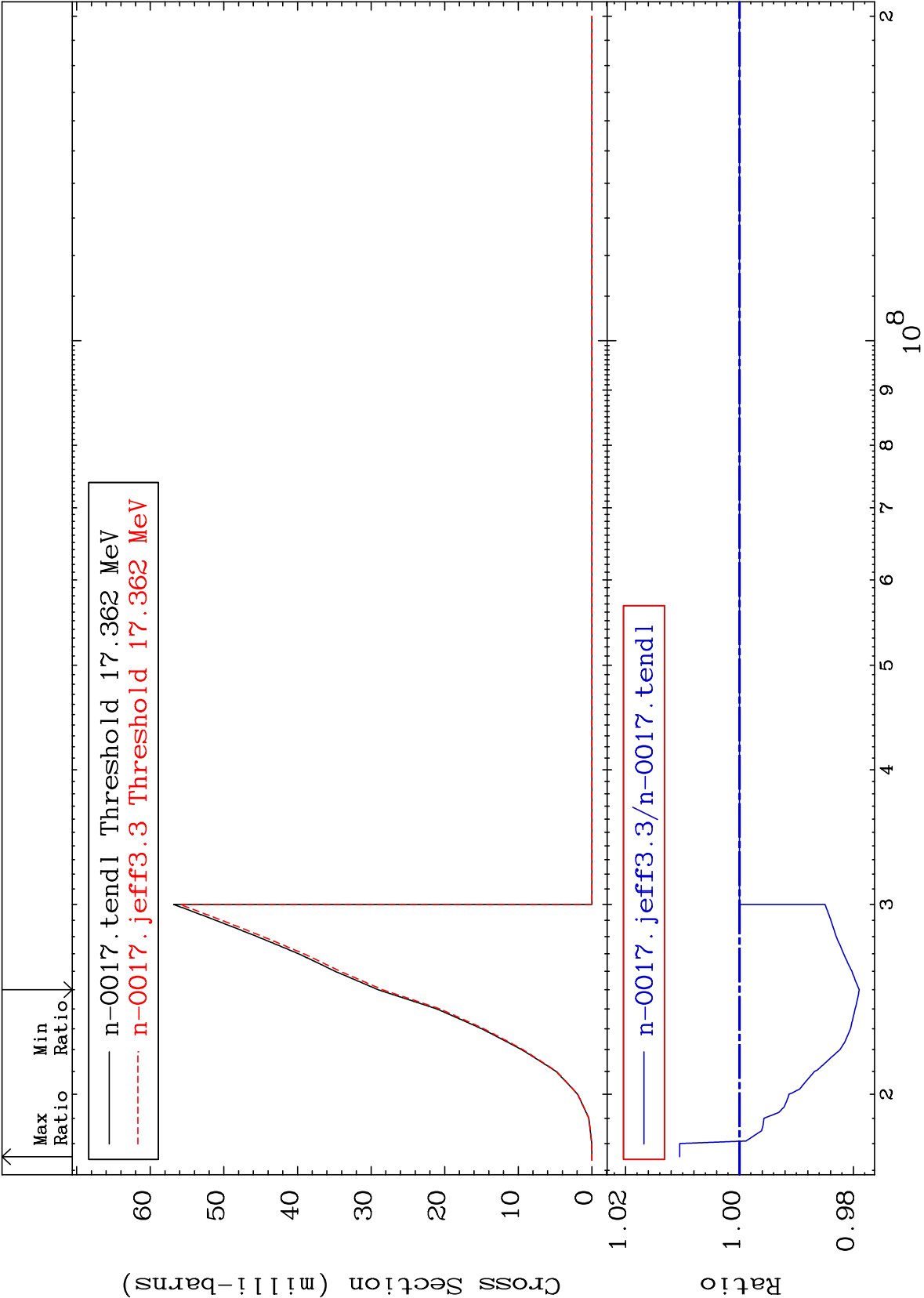
Incident Energy (MeV)

8-0 -17

MAT 828

(n,2n) p
Cross Section

8-0 -17
-2.103 To 1.049 %



15

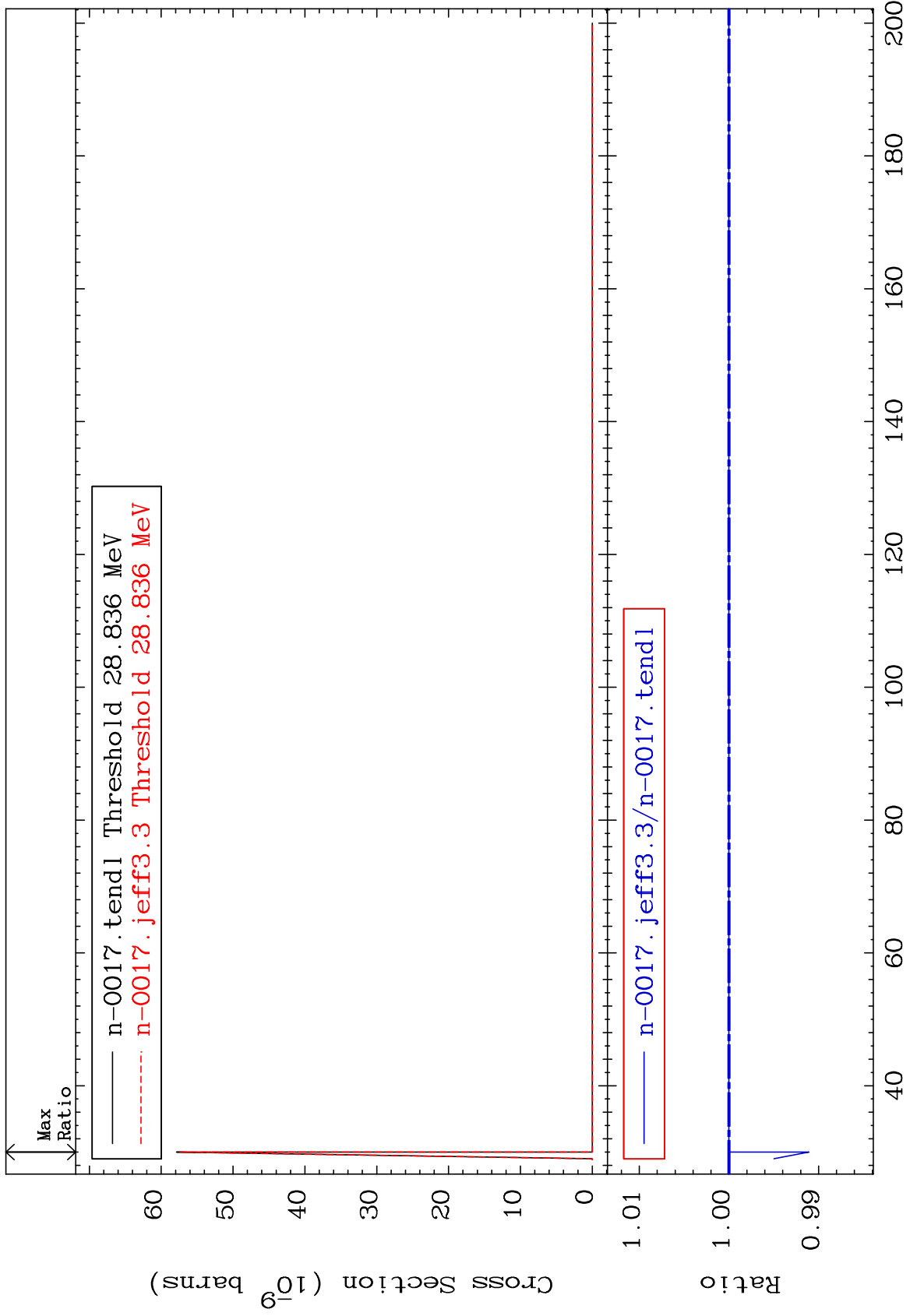
Incident Energy (eV)

8-0 -17

MAT 828

(n,3n) p
Cross Section

8-0 -17
-0.891 To 0.000 %



16

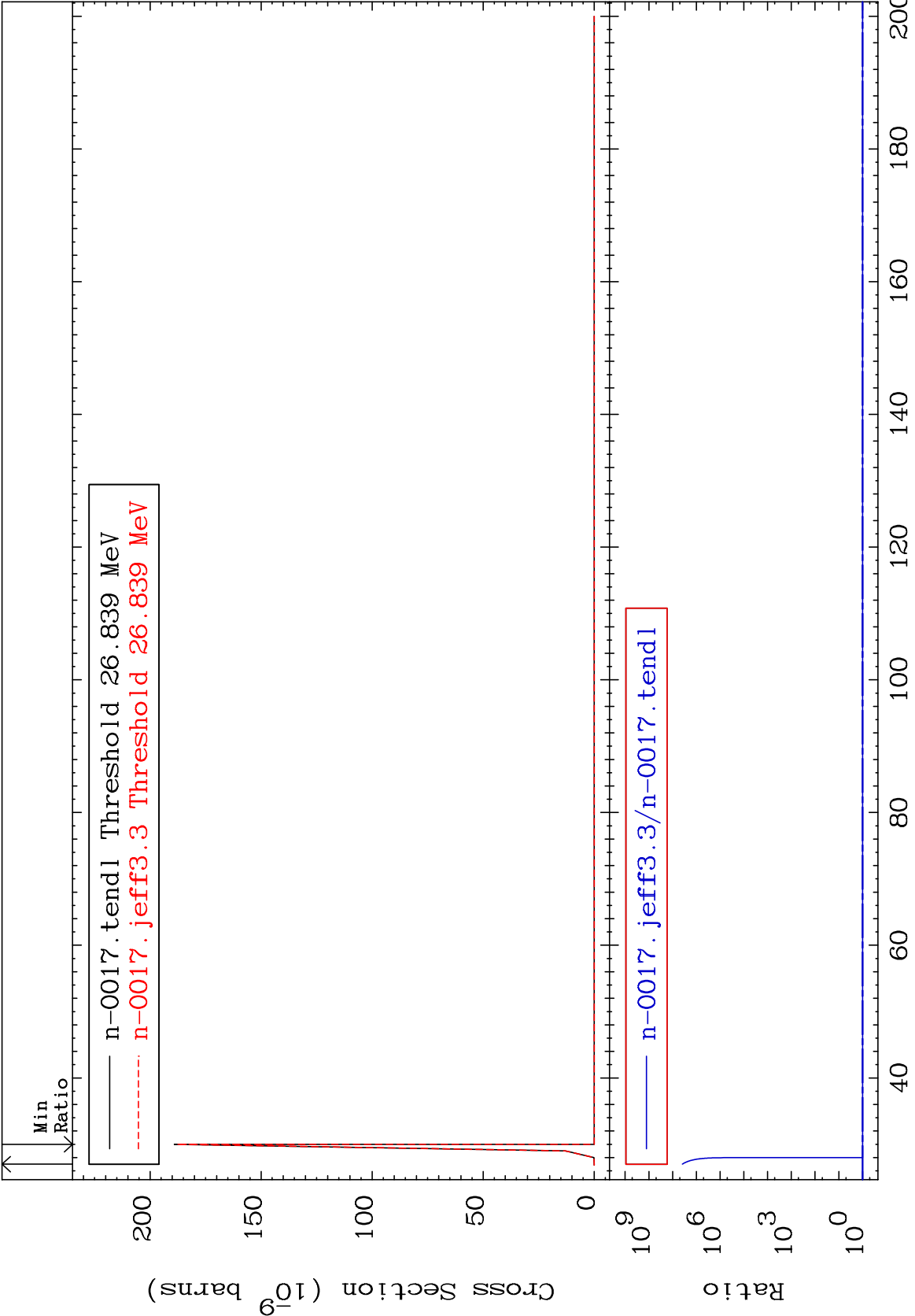
Incident Energy (MeV)

8-0 -17

MAT 828

(n,2n) p
Cross Section

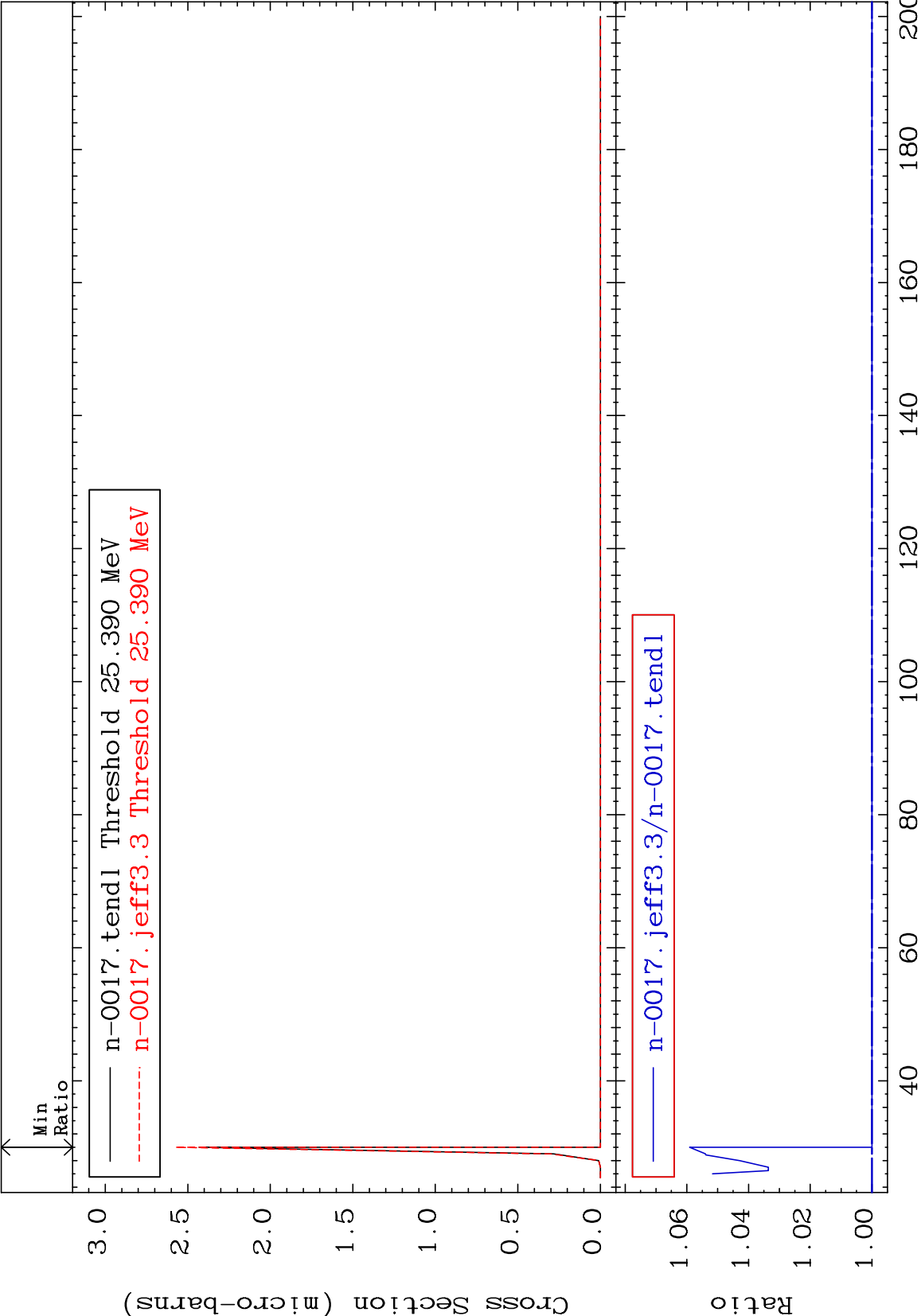
8-0 -17
-0.594 To 9999. %



17

Incident Energy (MeV)

8-0 -17



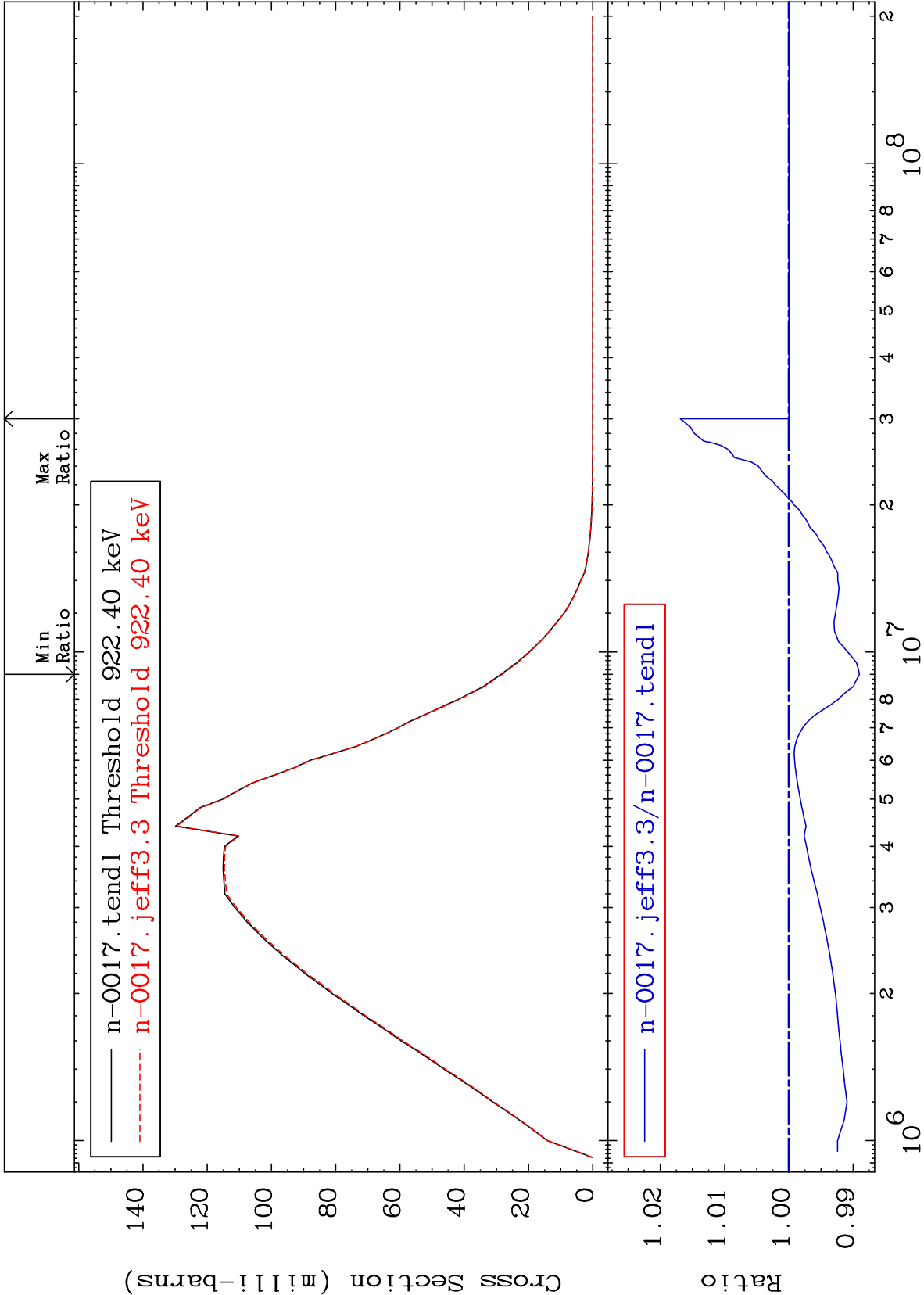
MAT 828

MT= 51 (n,n') Level

8-0 -17

Cross Section

-1.096 To 1.689 %



19

Incident Energy (eV)

8-0 -17

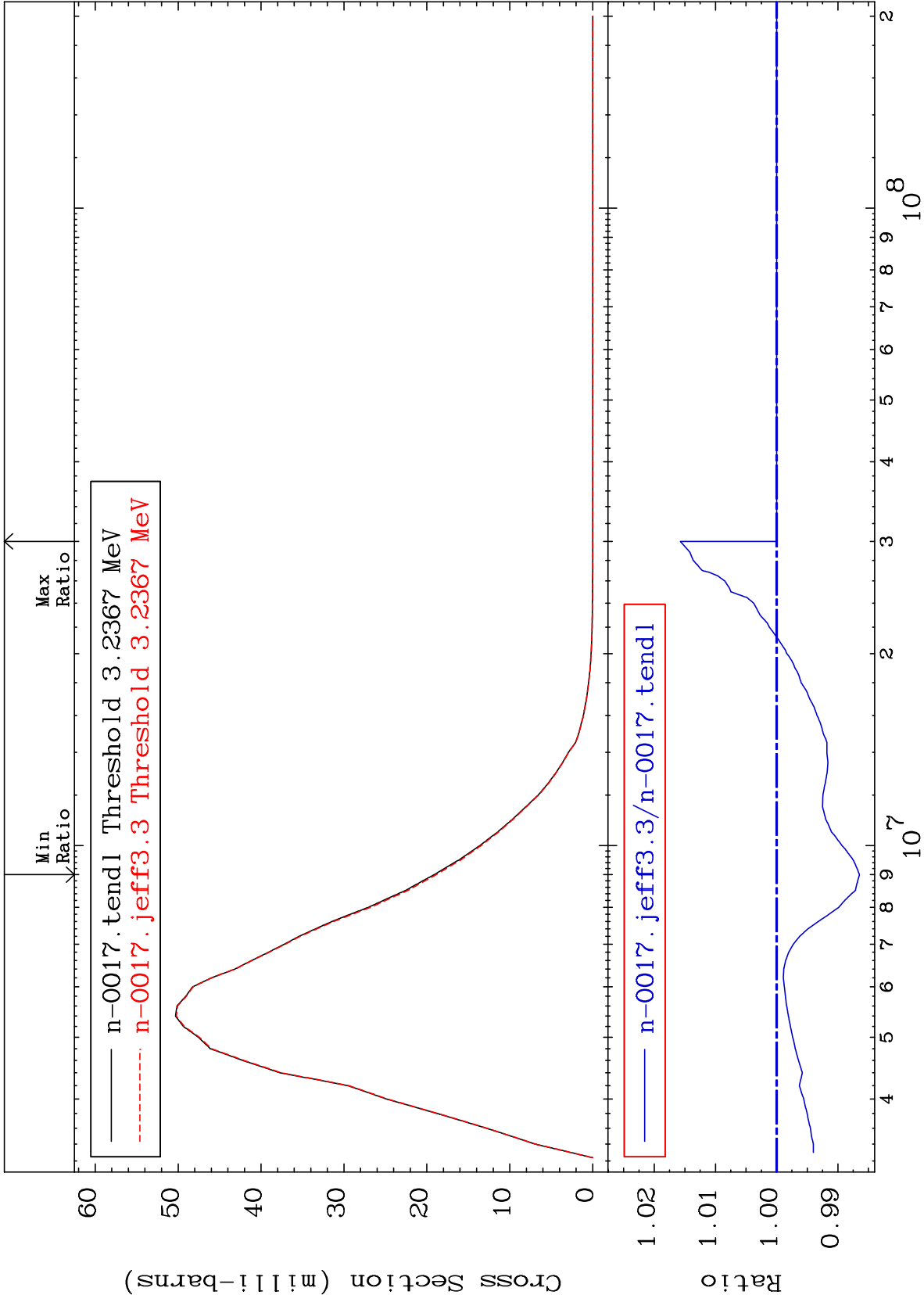
MAT 828

MT= 52 (n,n') Level

8-0 -17

-1.352 To 1.573 %

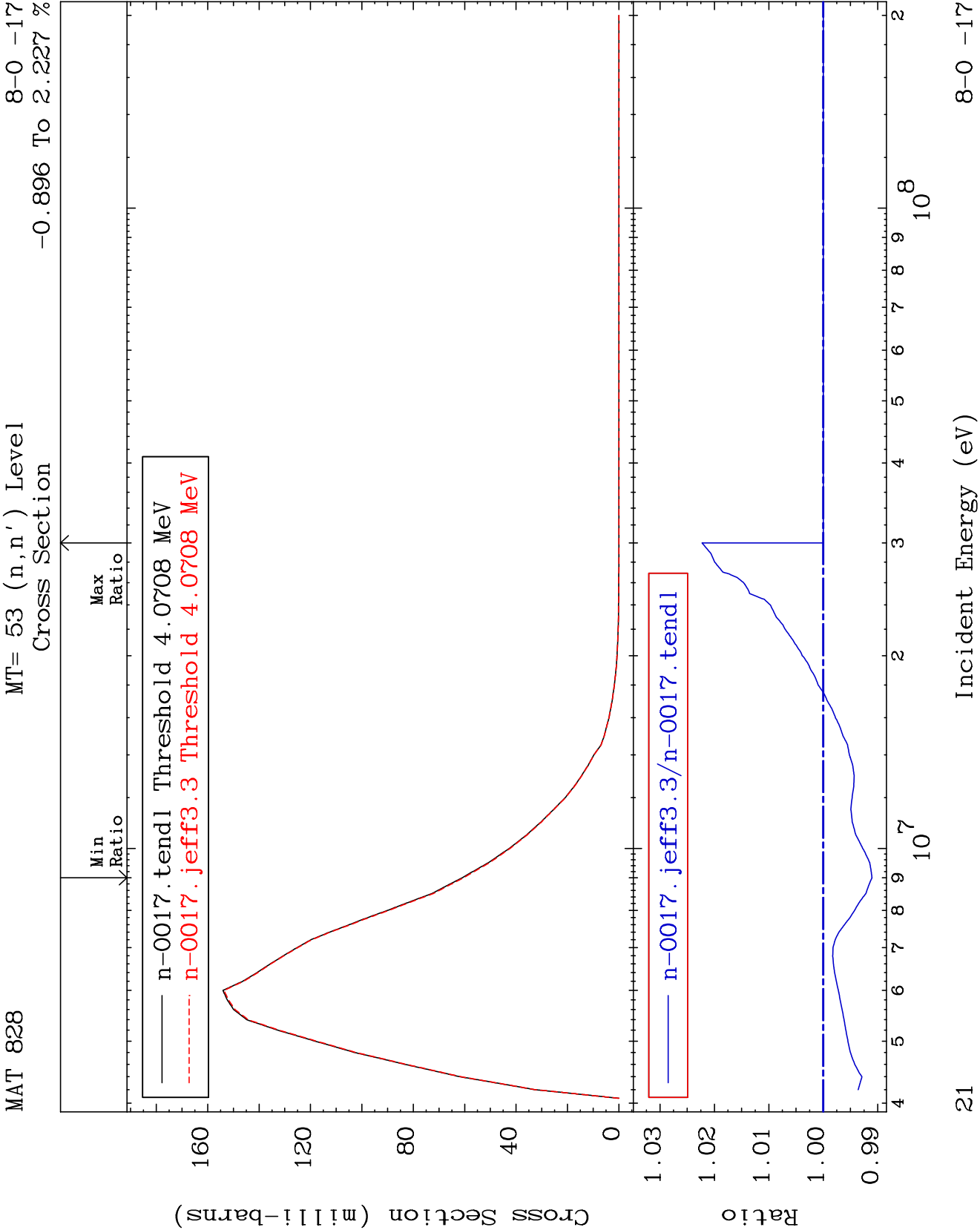
Cross Section



20

Incident Energy (eV)

8-0 -17



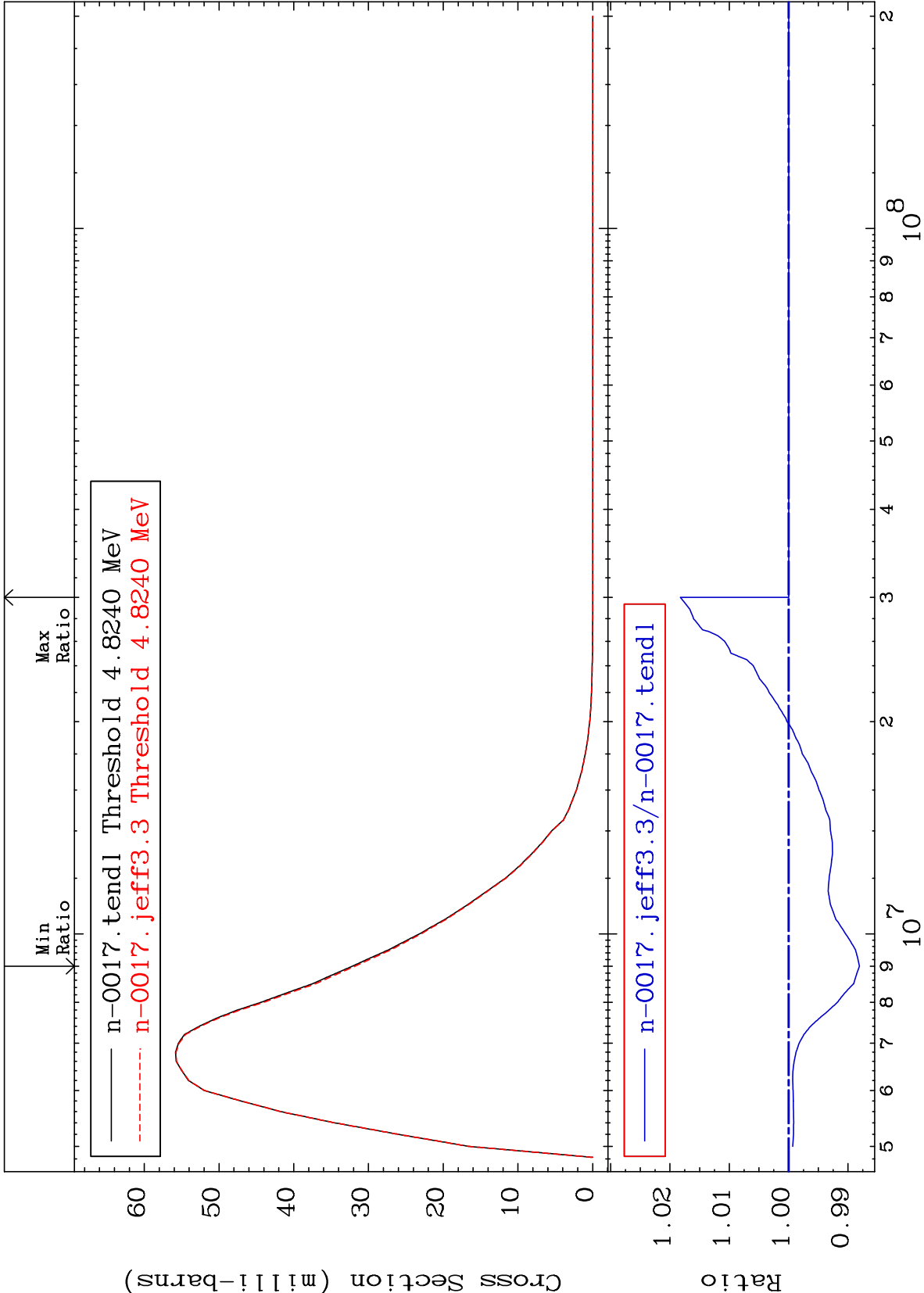
MAT 828

MT= 54 (n,n') Level

8-0 -17

-1.192 To 1.824 %

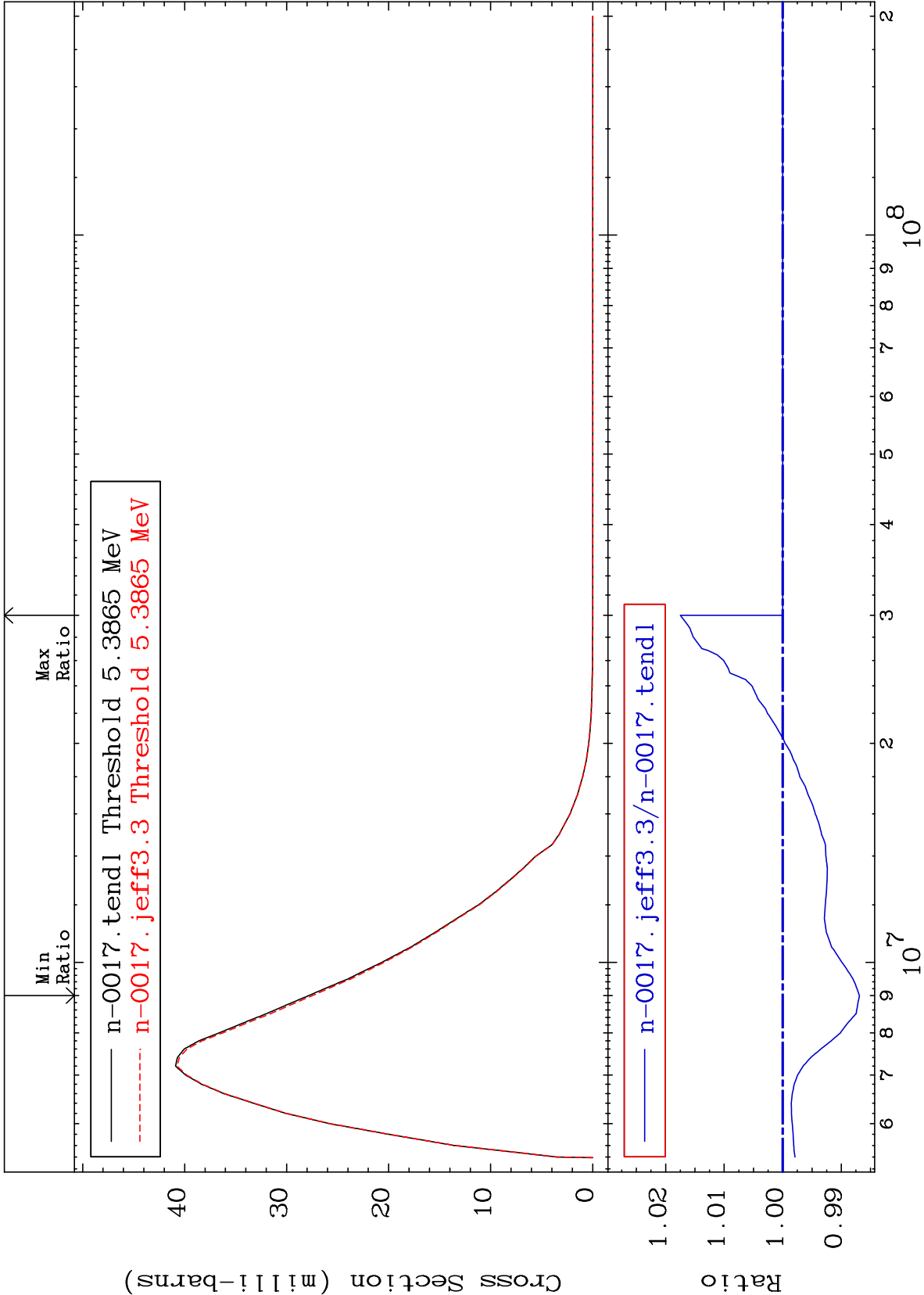
Cross Section



22

Incident Energy (eV)

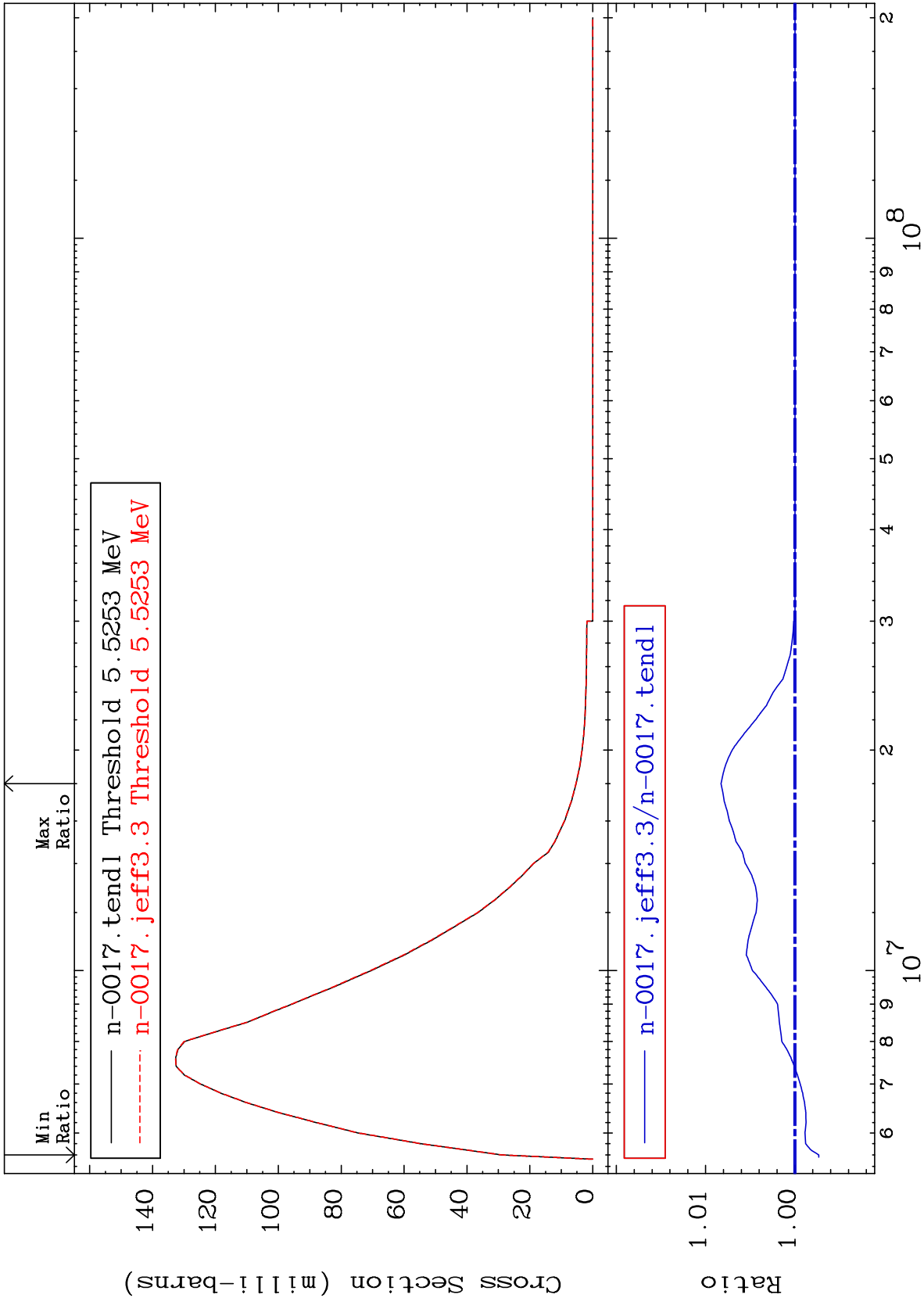
8-0 -17



MAT 828

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

8-0 -17
-0.268 To 0.828 %



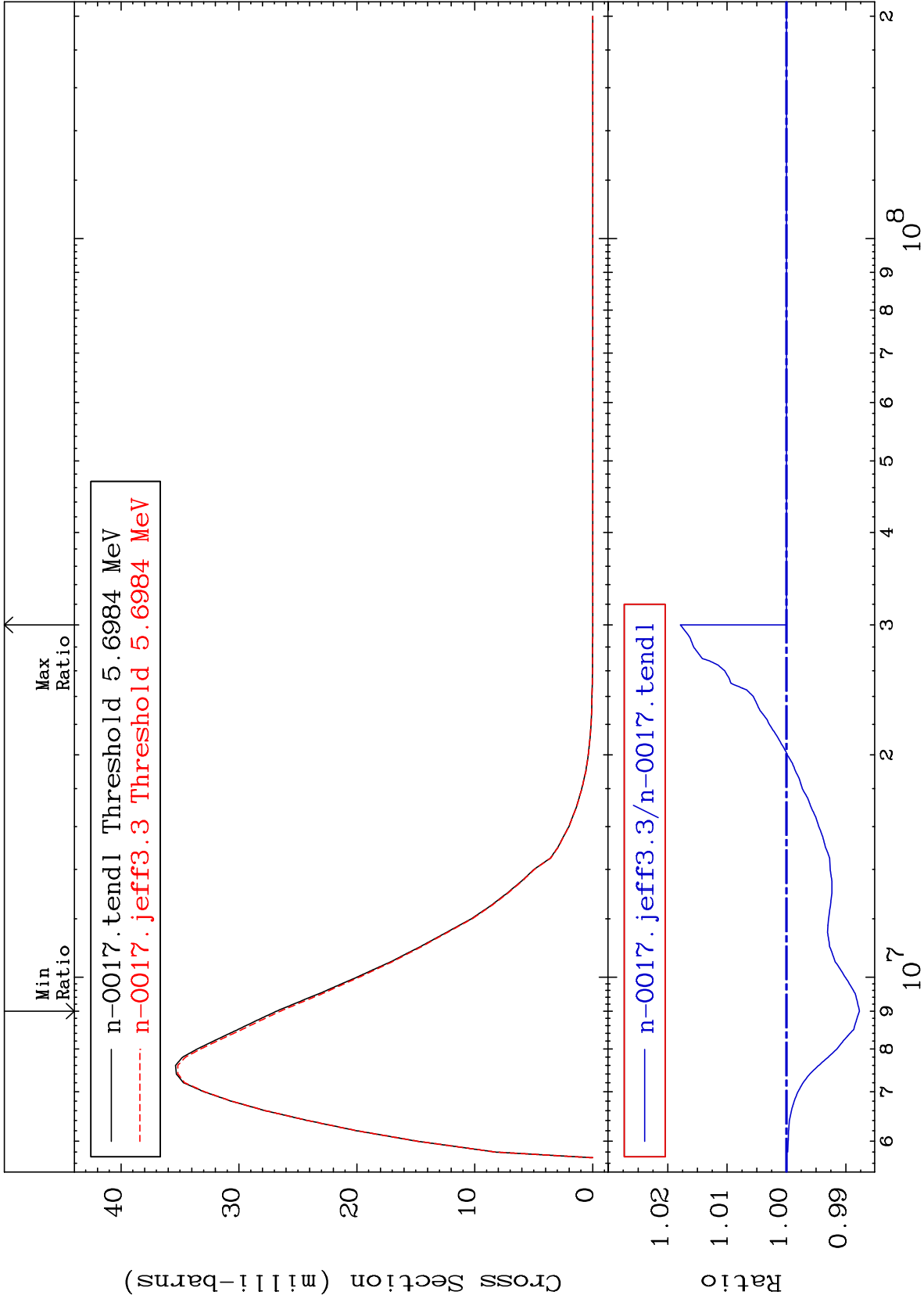
MAT 828

MT= 57 (n,n') Level

8-0 -17

-1.230 To 1.788 %

Cross Section



25

Incident Energy (eV)

8-0 -17

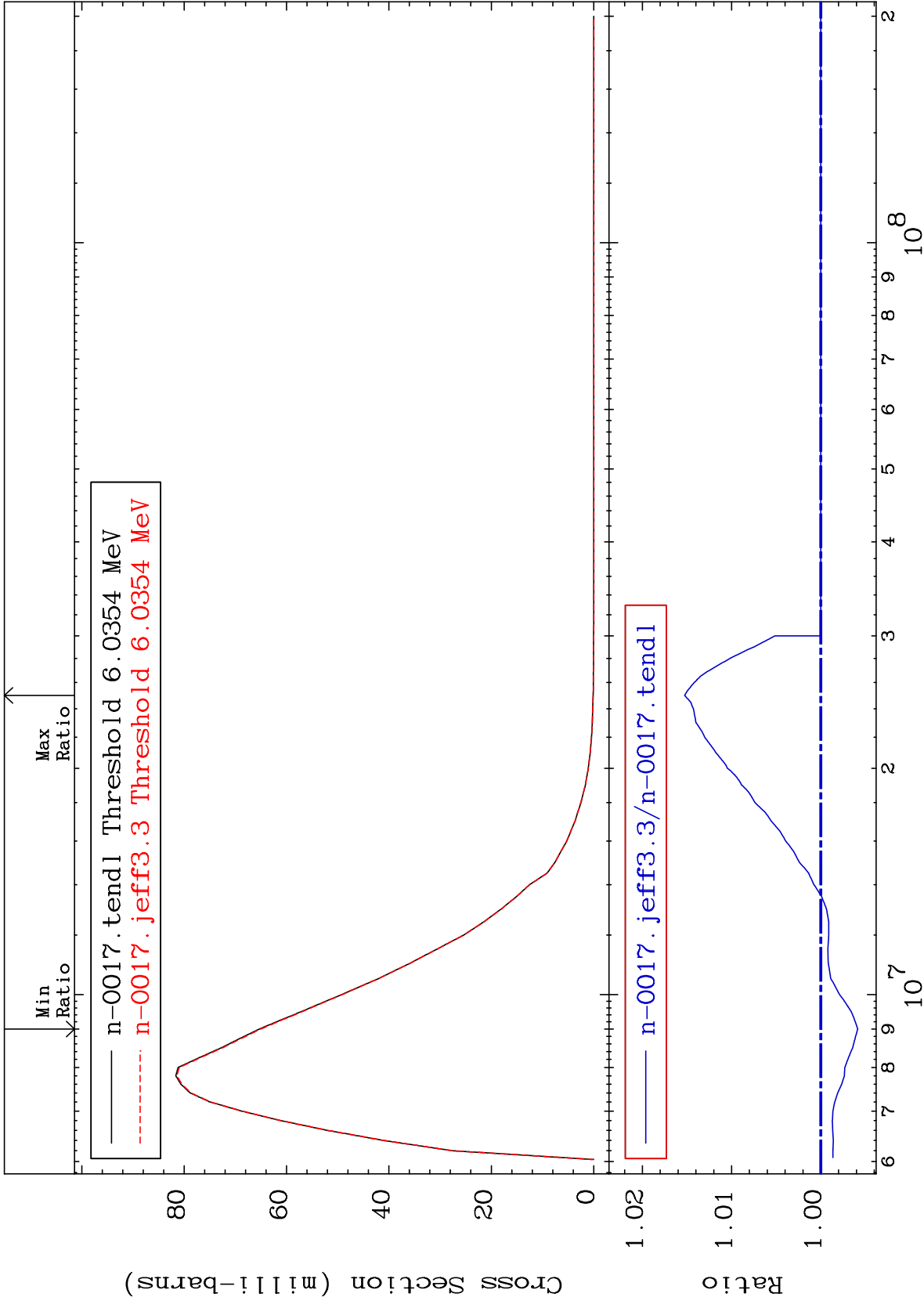
MAT 828

MT= 58 (n,n') Level

8-0 -17

-0.414 To 1.526 %

Cross Section



26

Incident Energy (eV)

8-0 -17

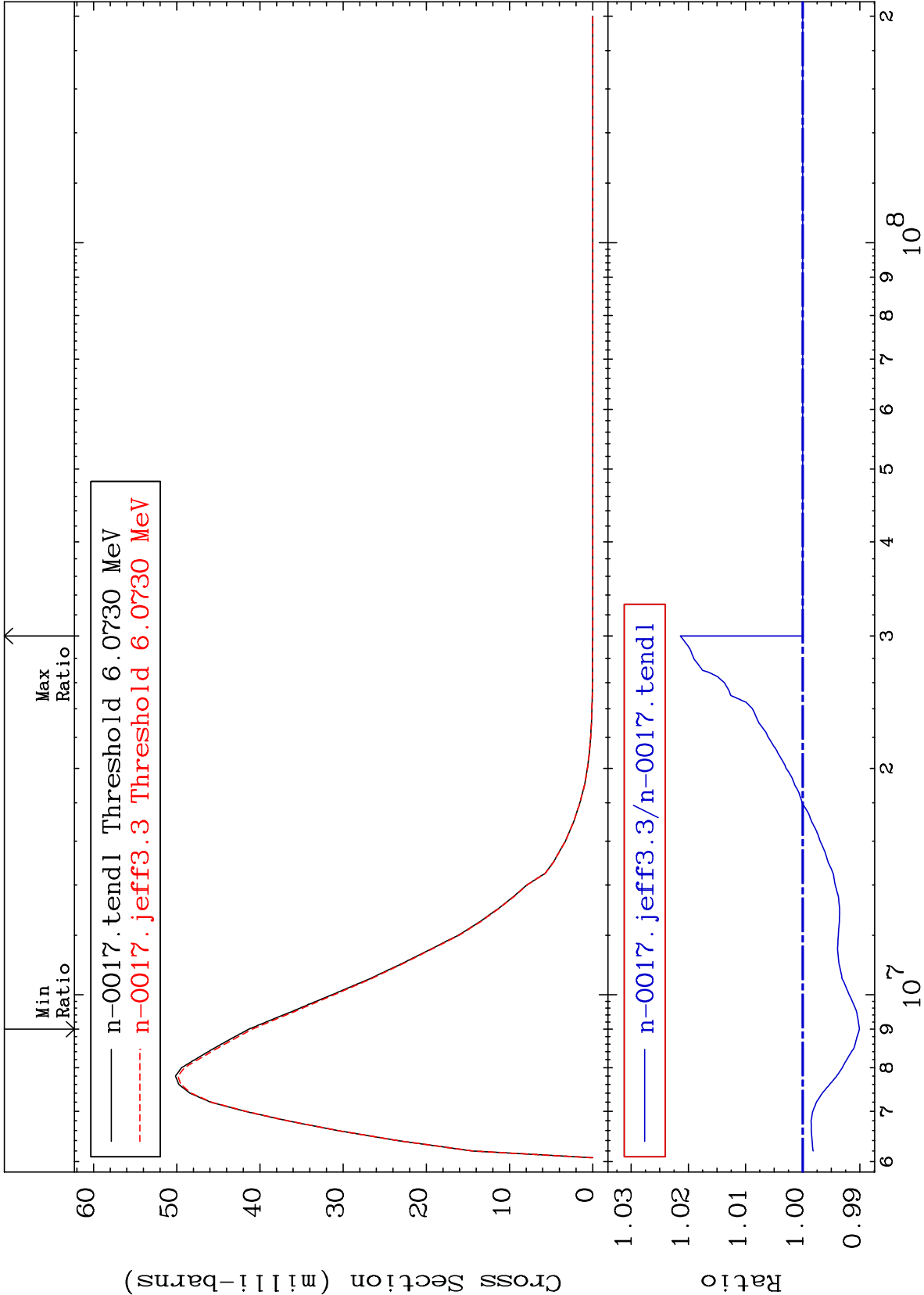
MAT 828

MT= 59 (n,n') Level

8-0 -17

-0.991 To 2.140 %

Cross Section



27

Incident Energy (eV)

8-0 -17

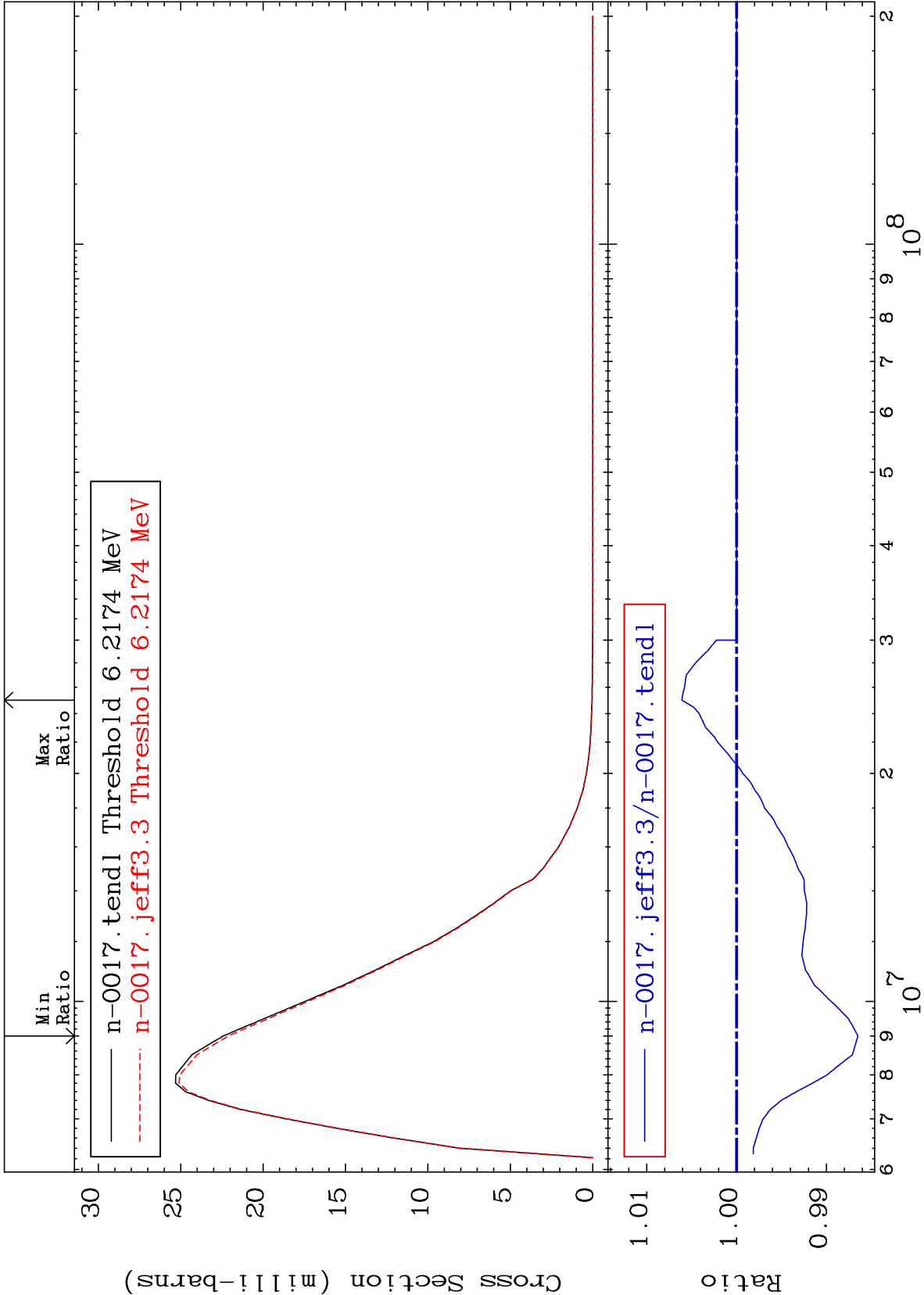
MAT 828

MT= 60 (n,n') Level

8-0 -17

-1.351 To 0.609 %

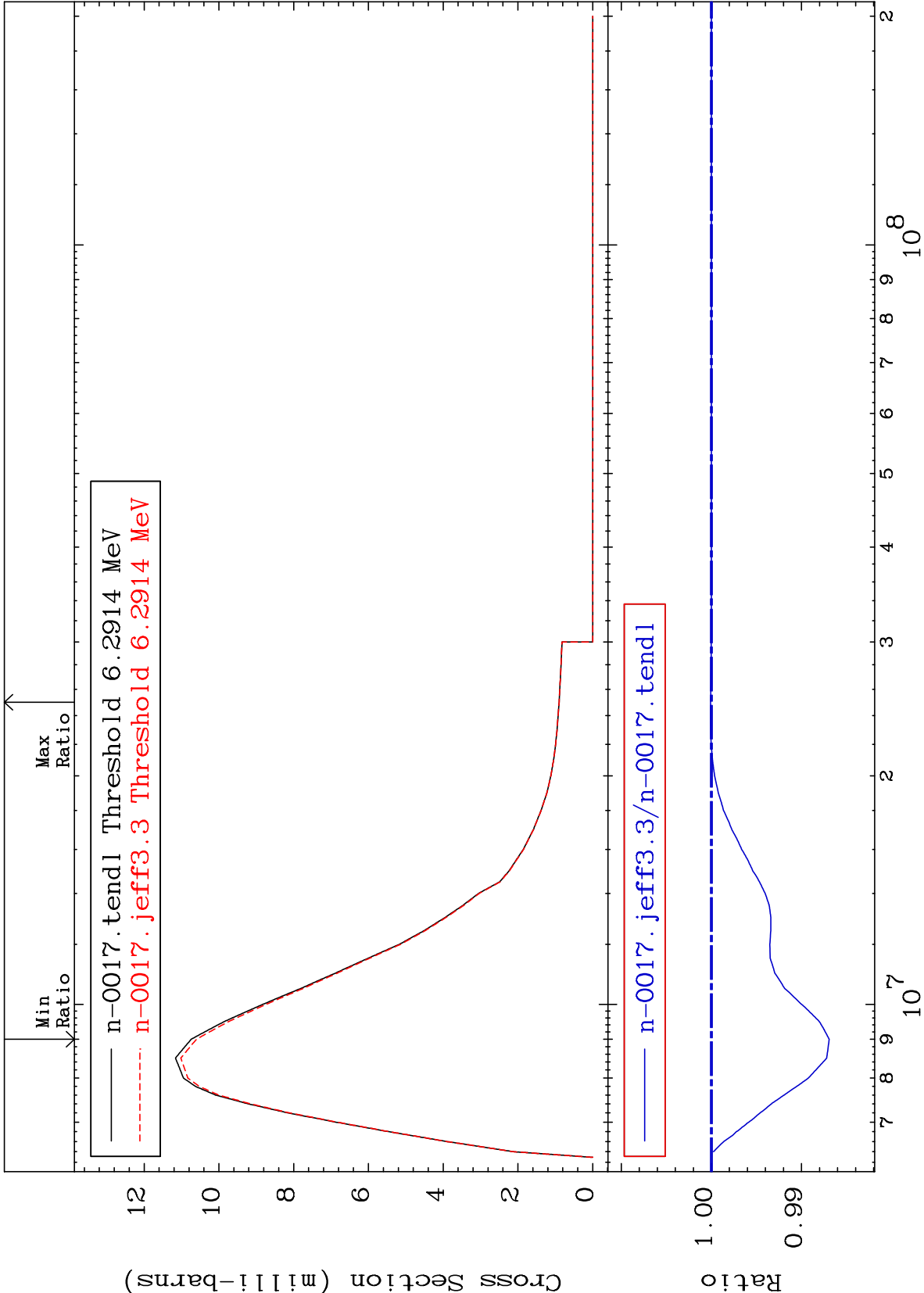
Cross Section



28

Incident Energy (eV)

8-0 -17



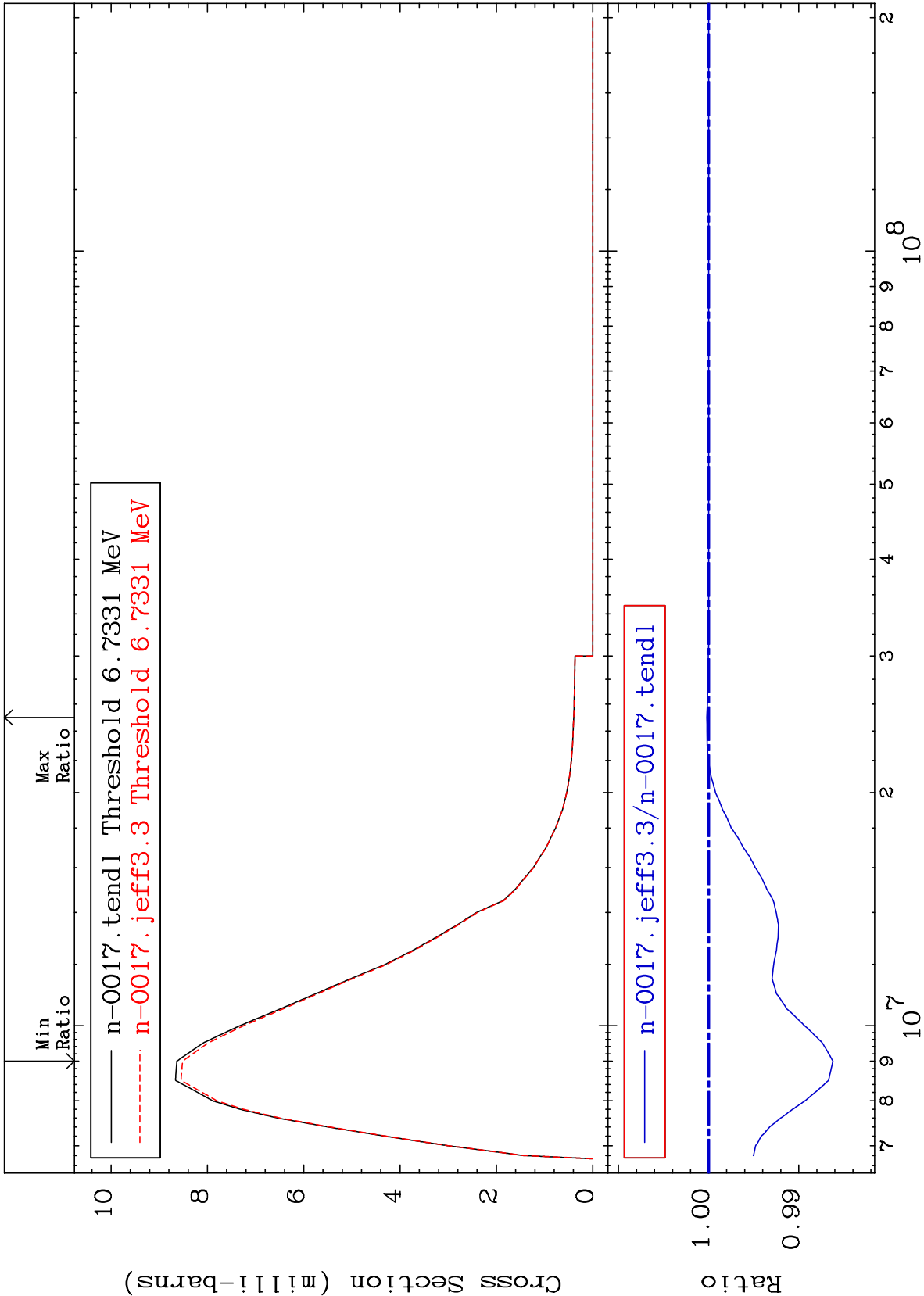
MAT 828

MT= 62 (n,n') Level

8-0 -17

-1.379 To 0.019 %

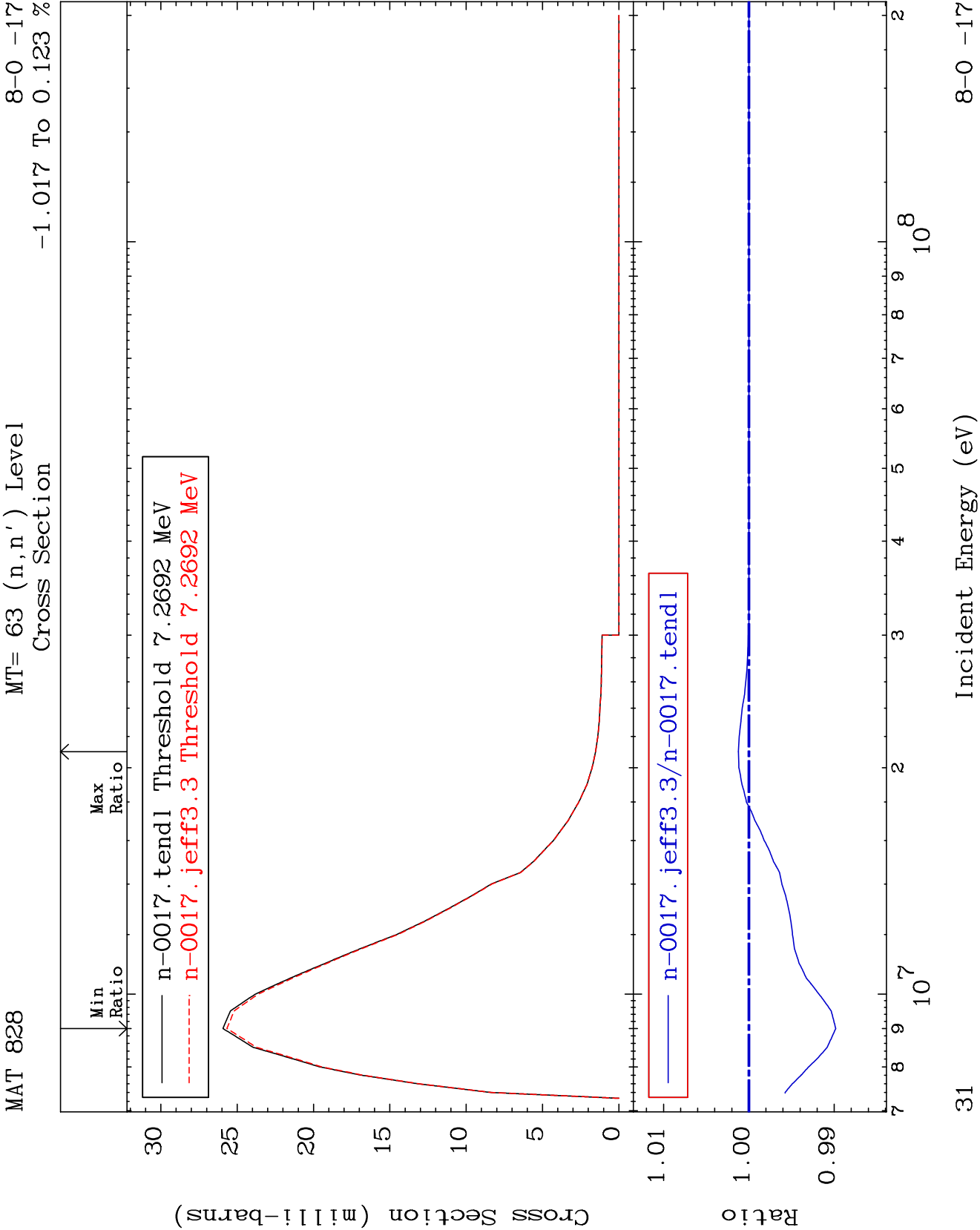
Cross Section



30

Incident Energy (eV)

8-0 -17



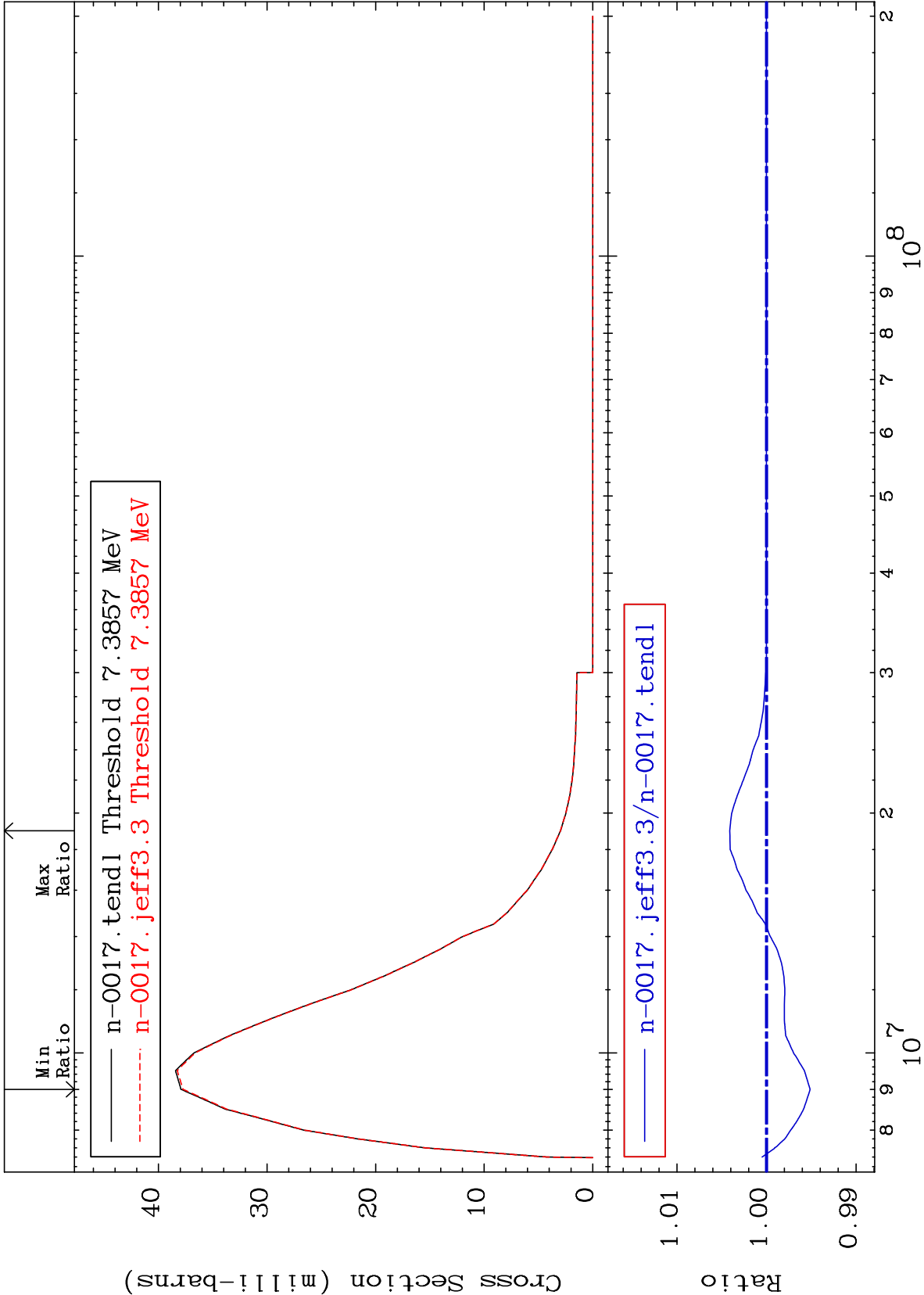
MAT 828

MT= 64 (n,n') Level

8-0 -17

-0.486 To 0.411 %

Cross Section



32

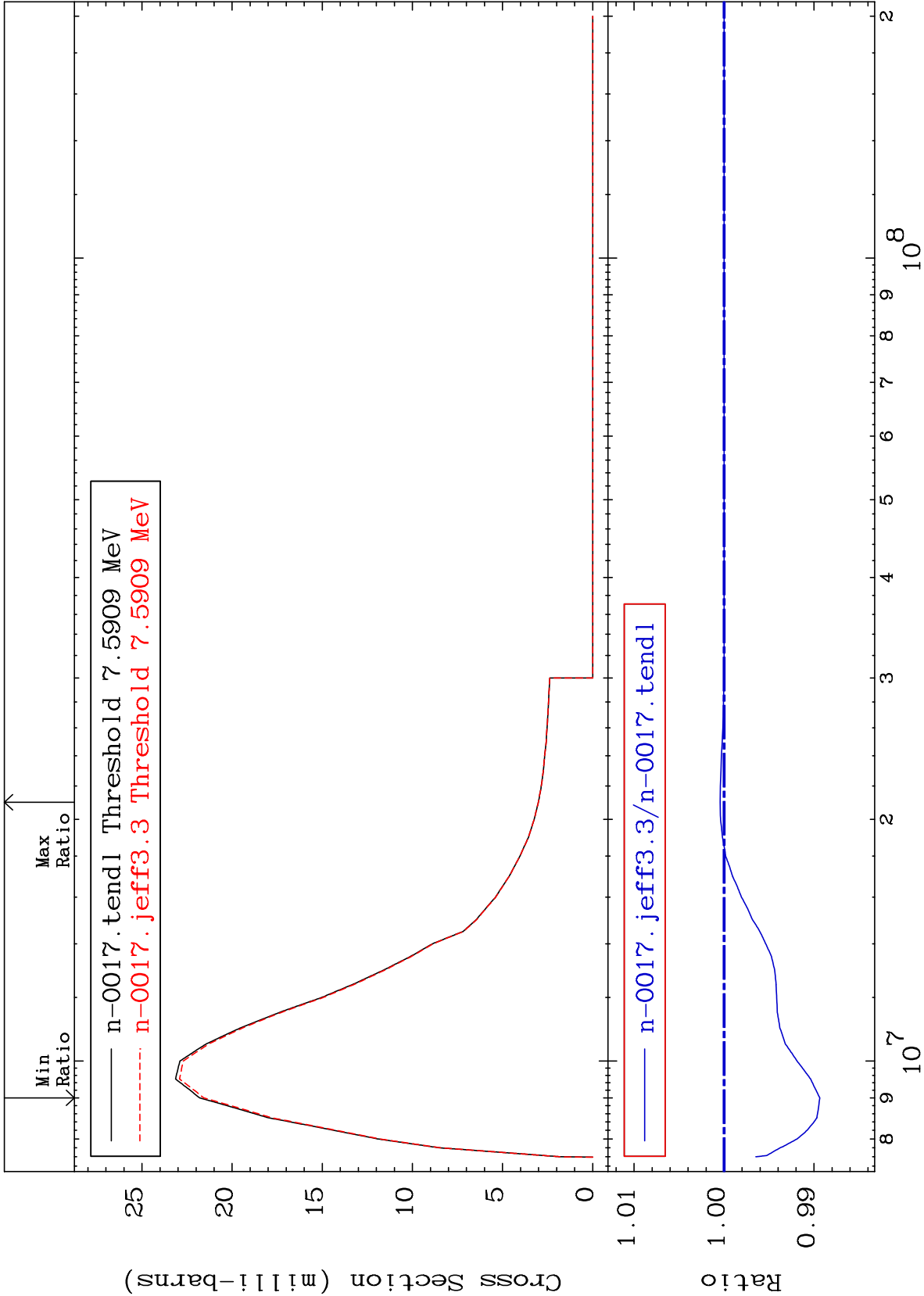
Incident Energy (eV)

8-0 -17

MAT 828

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

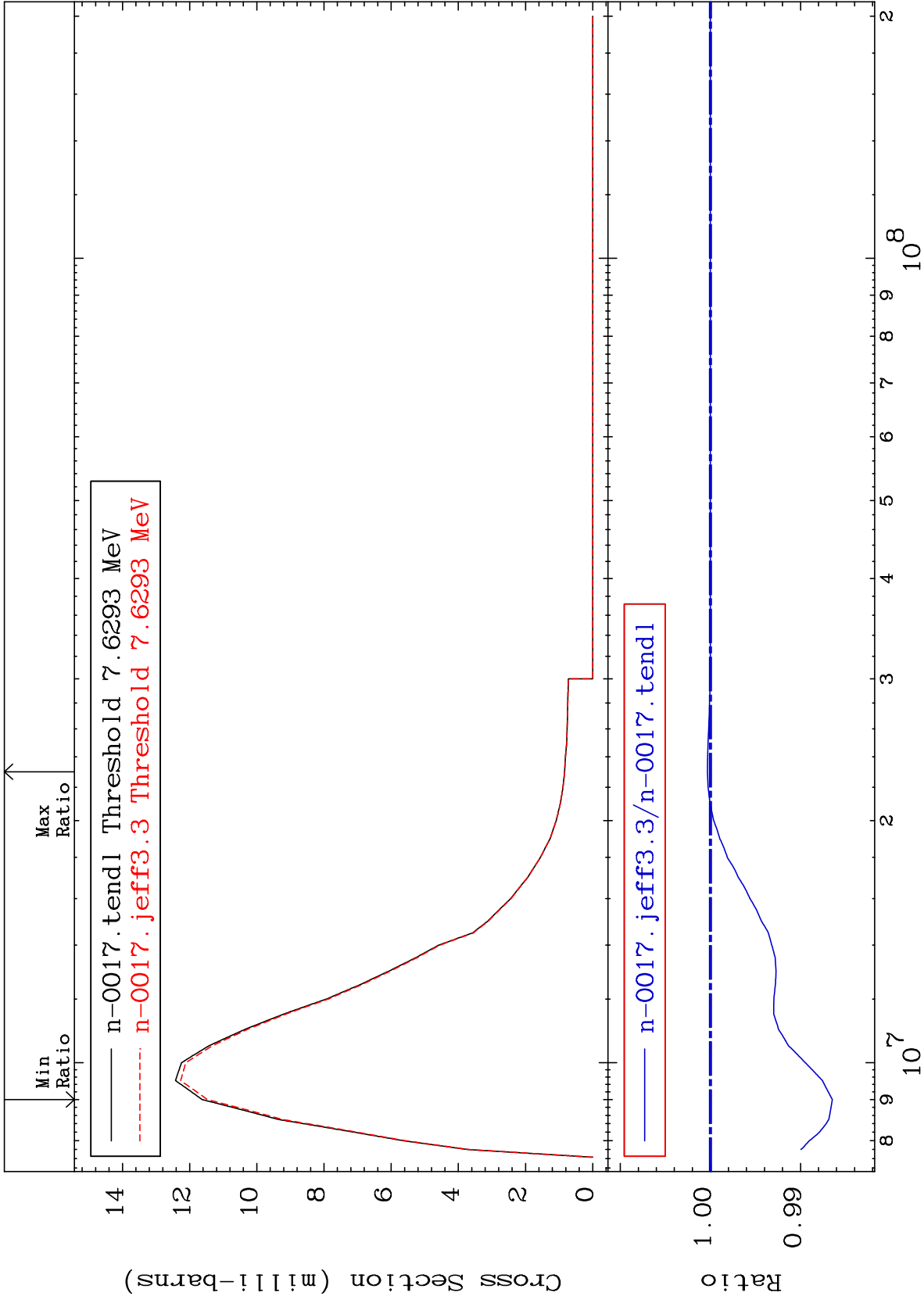
8-0 -17
-1.063 To 0.044 %



MAT 828

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

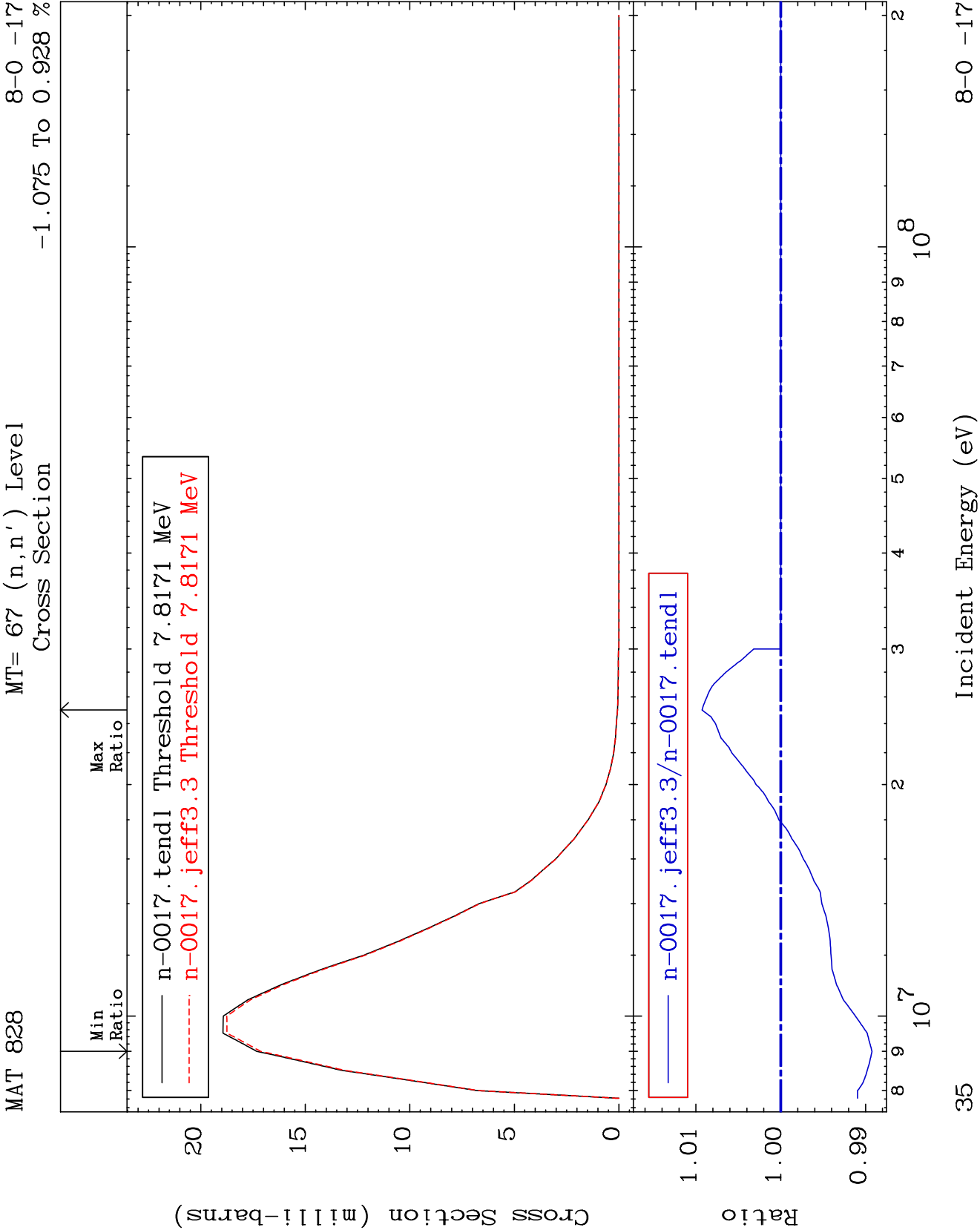
8-0 -17
-1.352 To 0.032 %

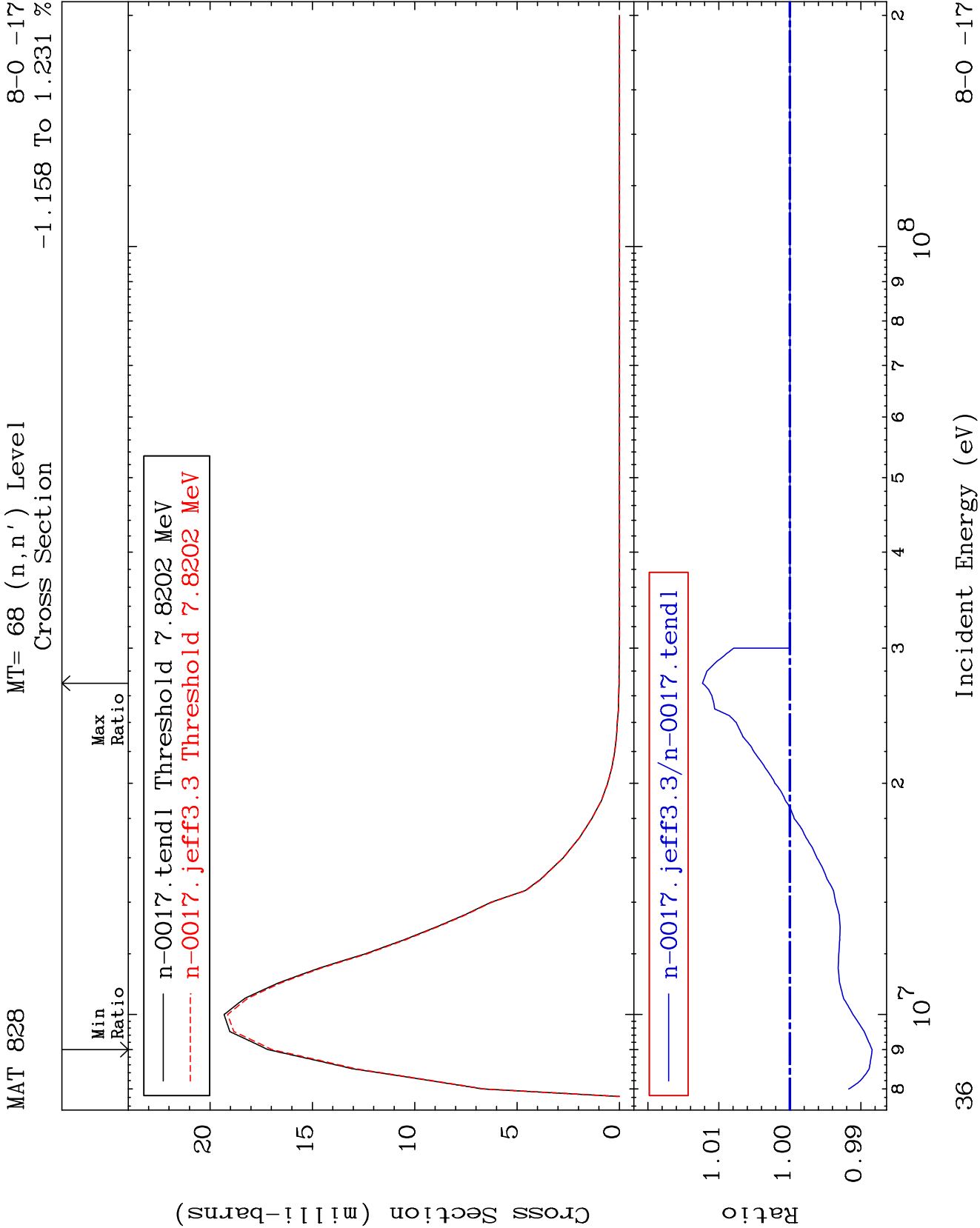


34

Incident Energy (eV)

8-0 -17

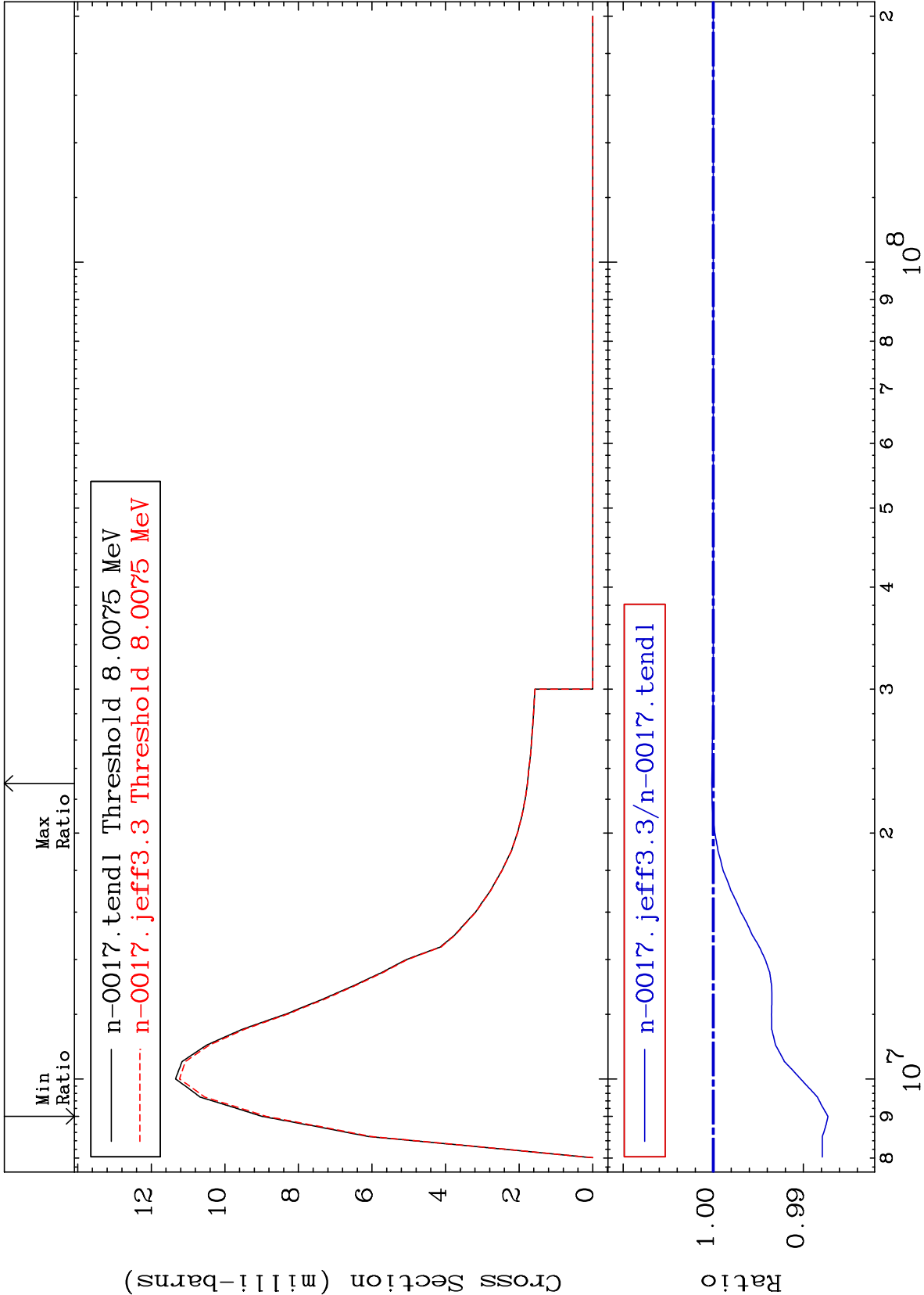




MAT 828

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

8-0 -17
-1.272 To 0.015 %



37

Incident Energy (eV)

8-0 -17

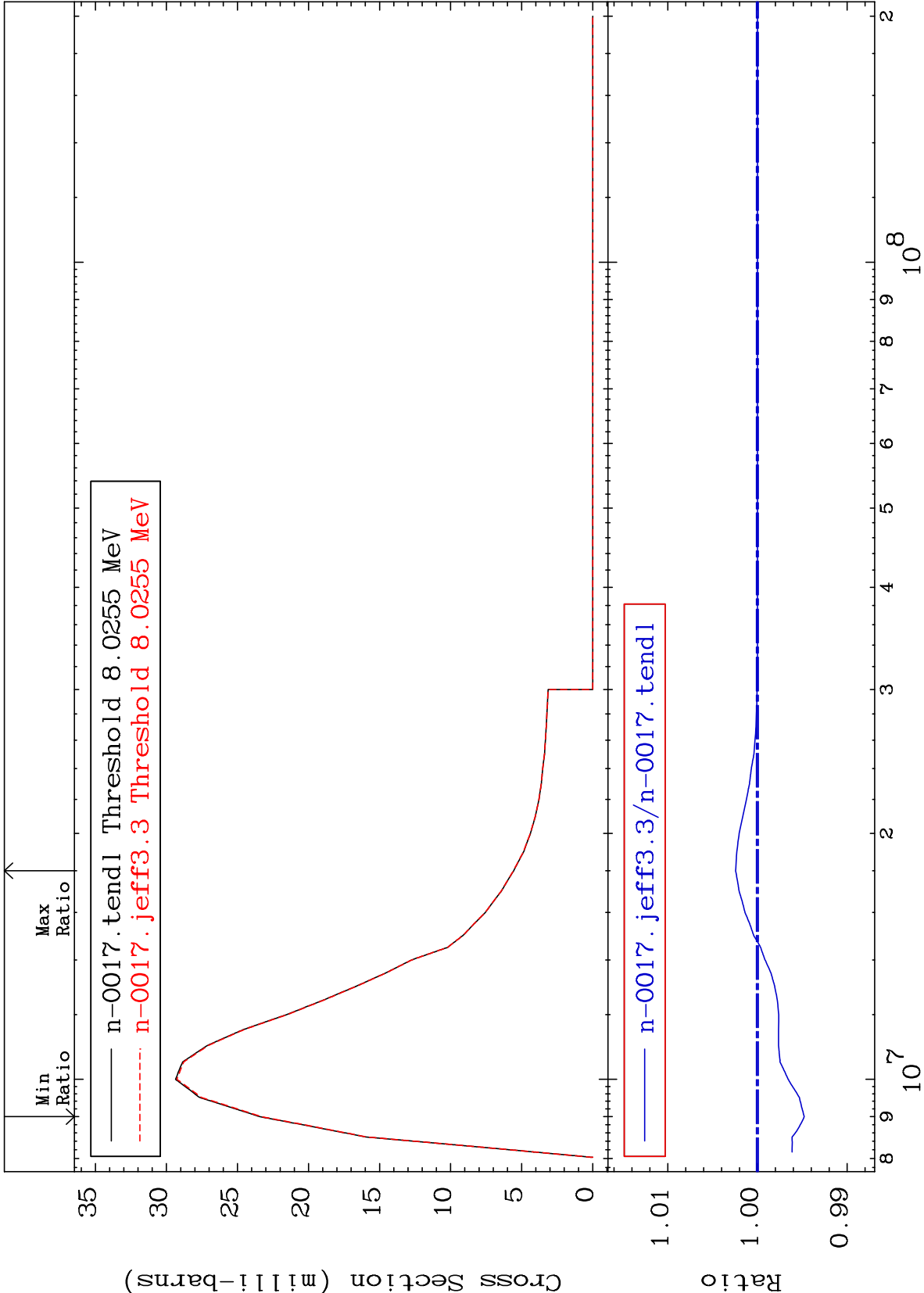
MAT 828

MT= 70 (n,n') Level

8-0 -17

-0.522 To 0.244 %

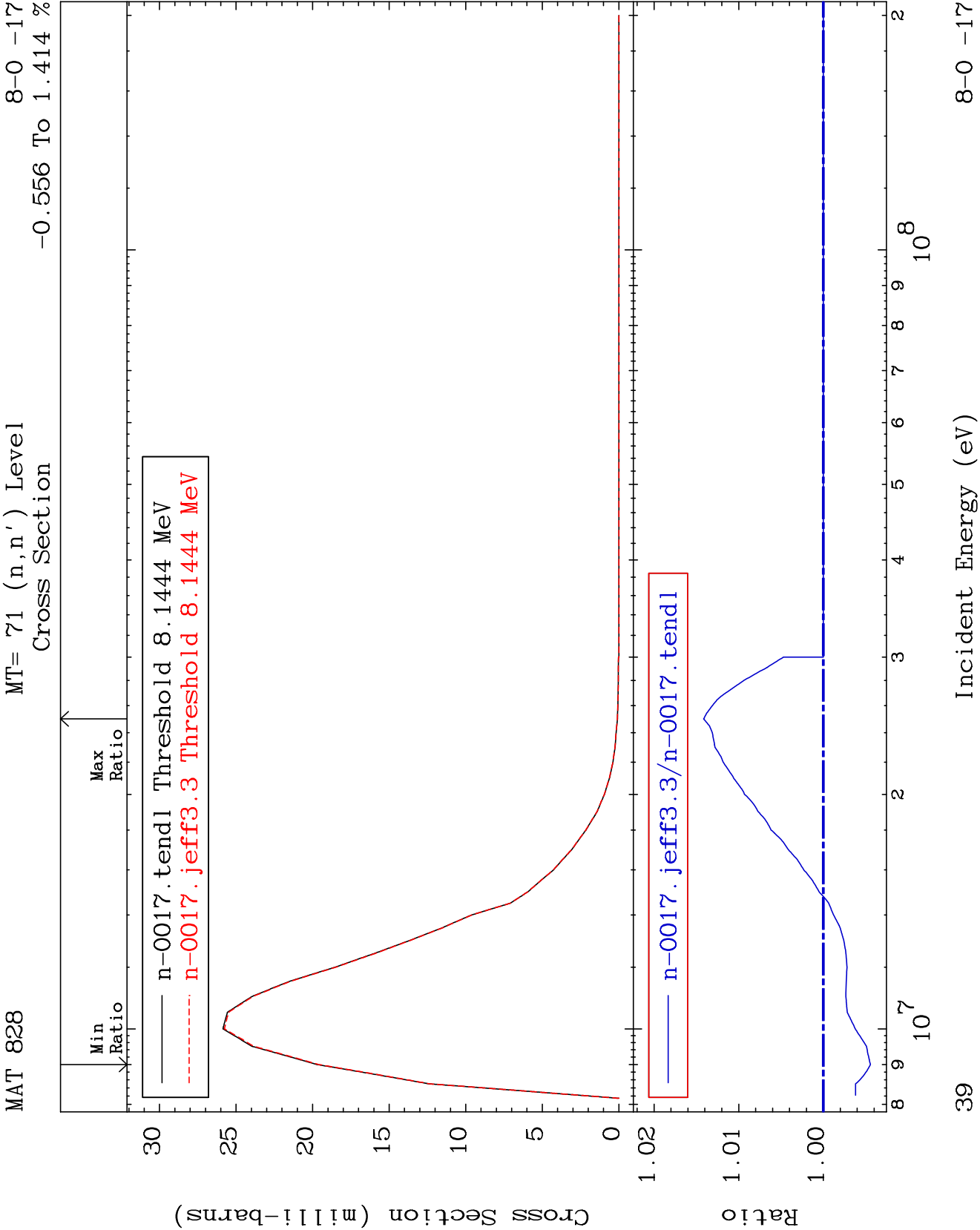
Cross Section

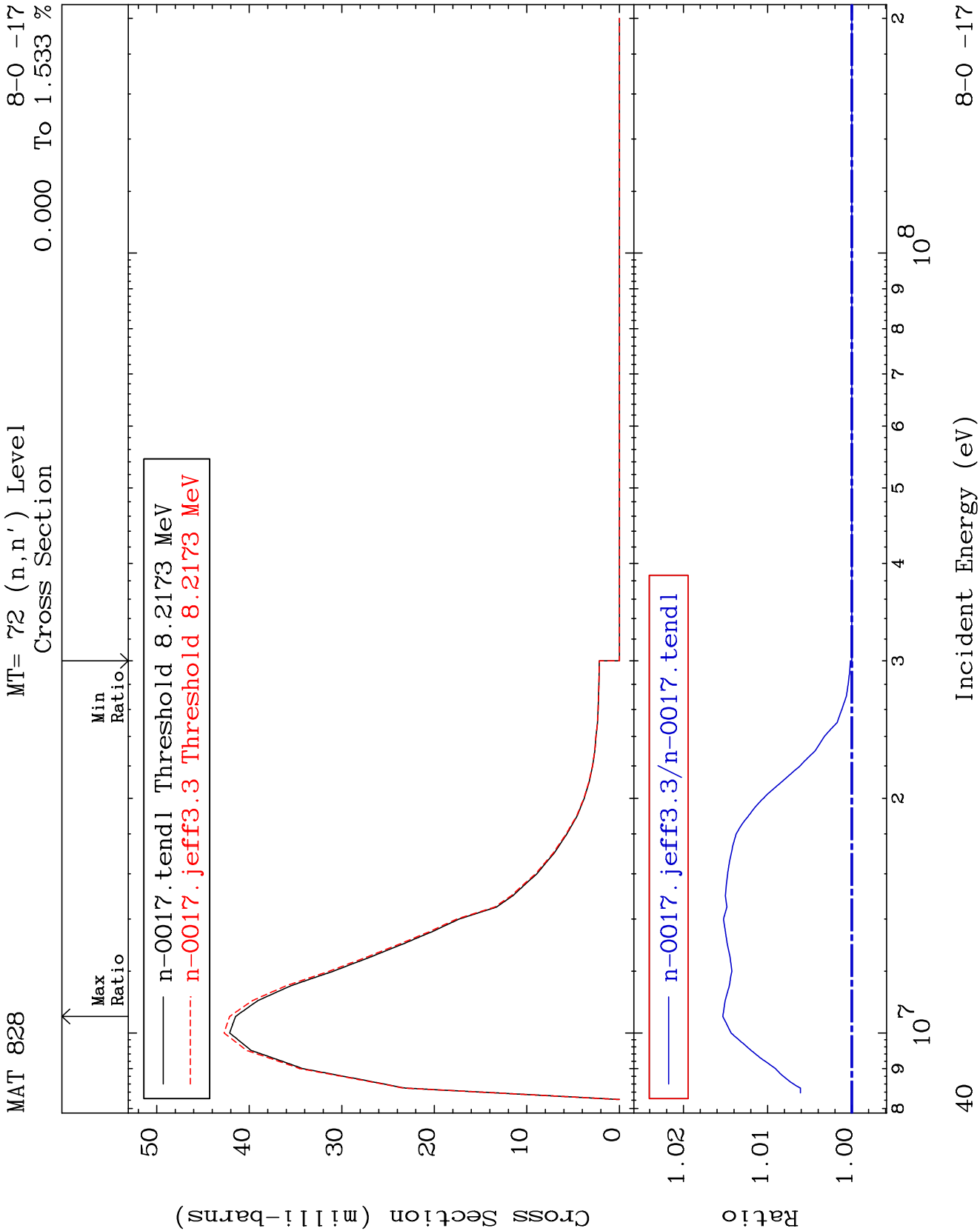


38

Incident Energy (eV)

8-0 -17

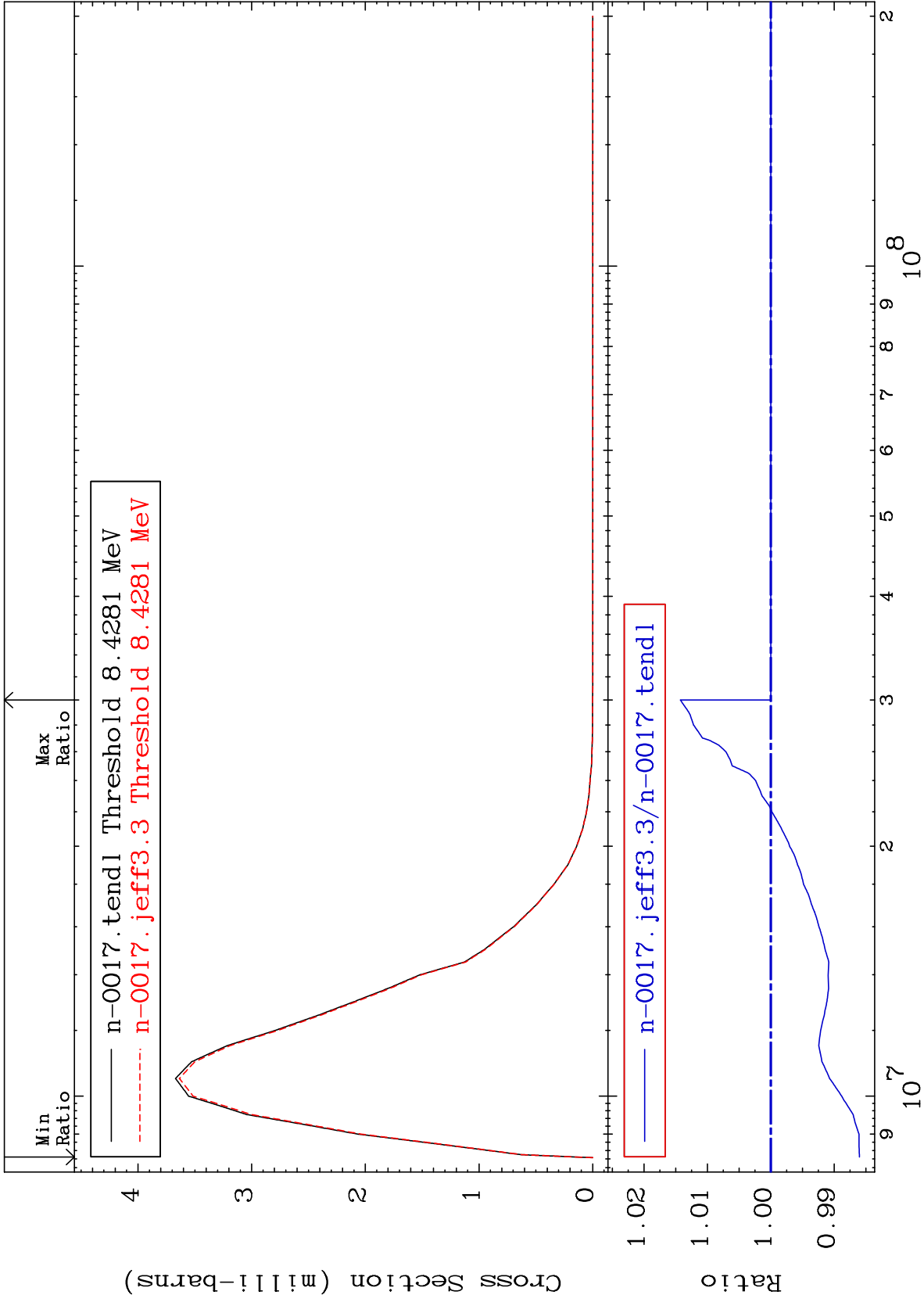




MAT 828

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

8-0 -17
-1.398 To 1.426 %



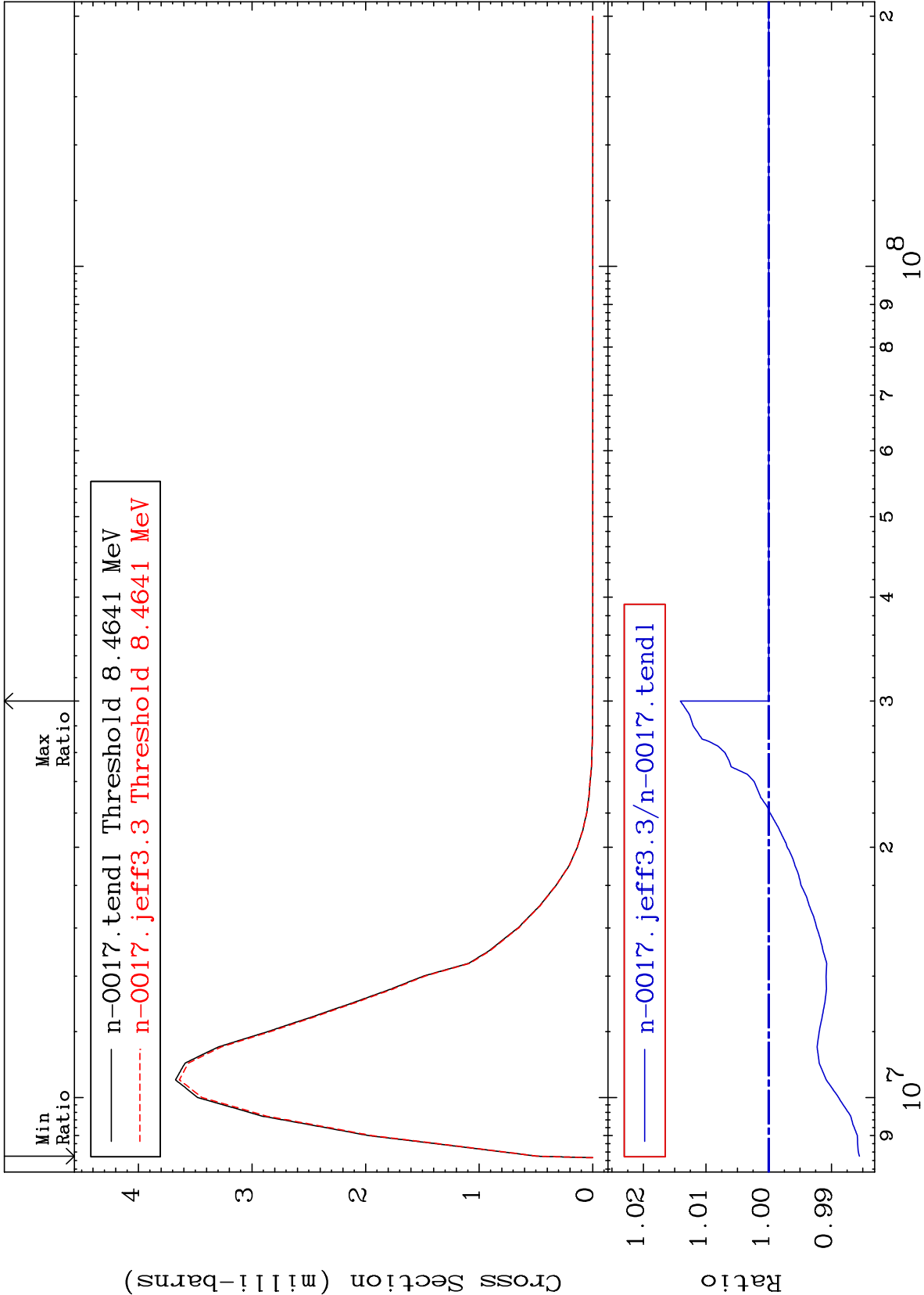
MAT 828

MT= 74 (n,n') Level

8-0 -17

-1.447 To 1.410 %

Cross Section



42

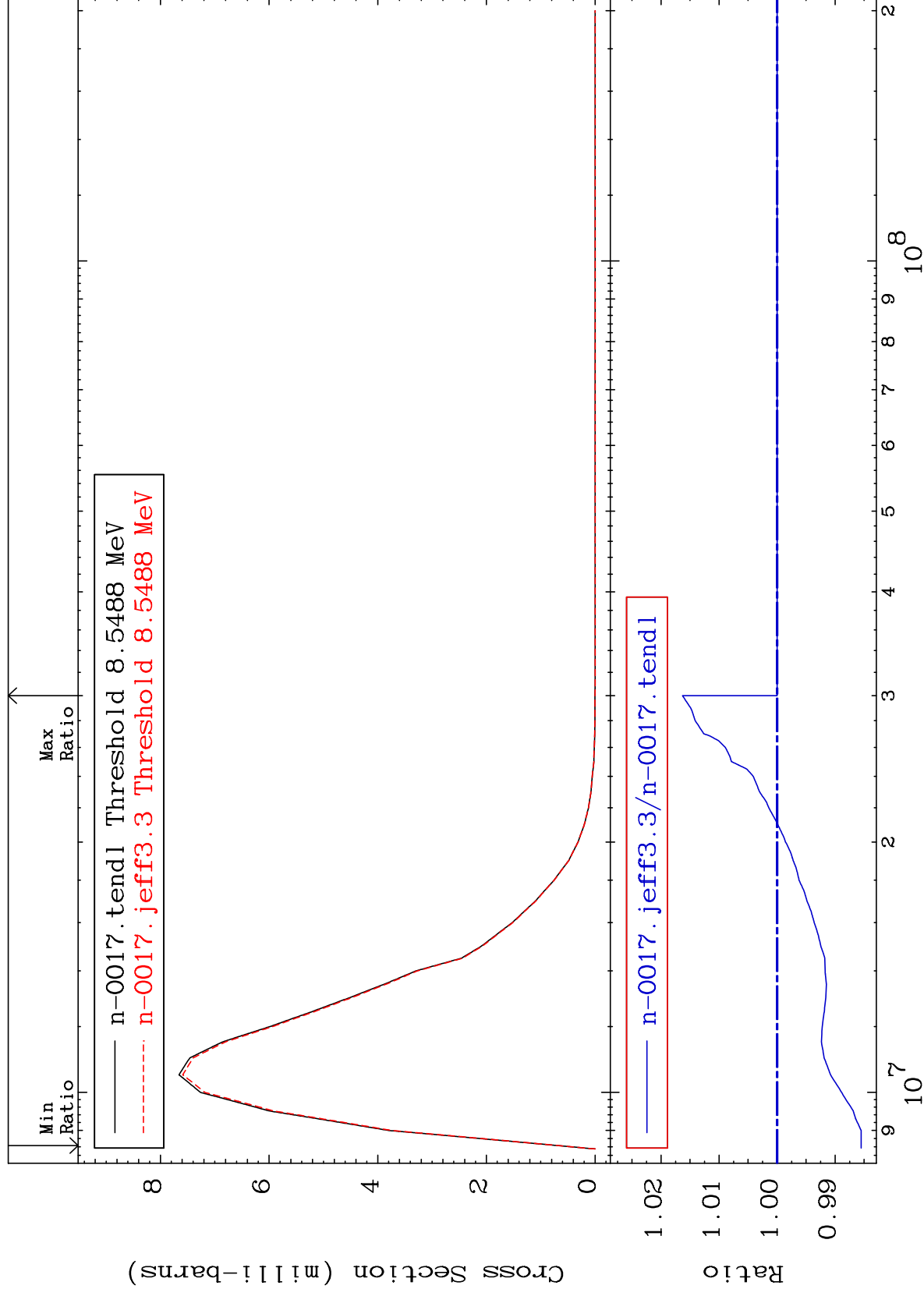
Incident Energy (eV)

8-0 -17

MAT 828

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

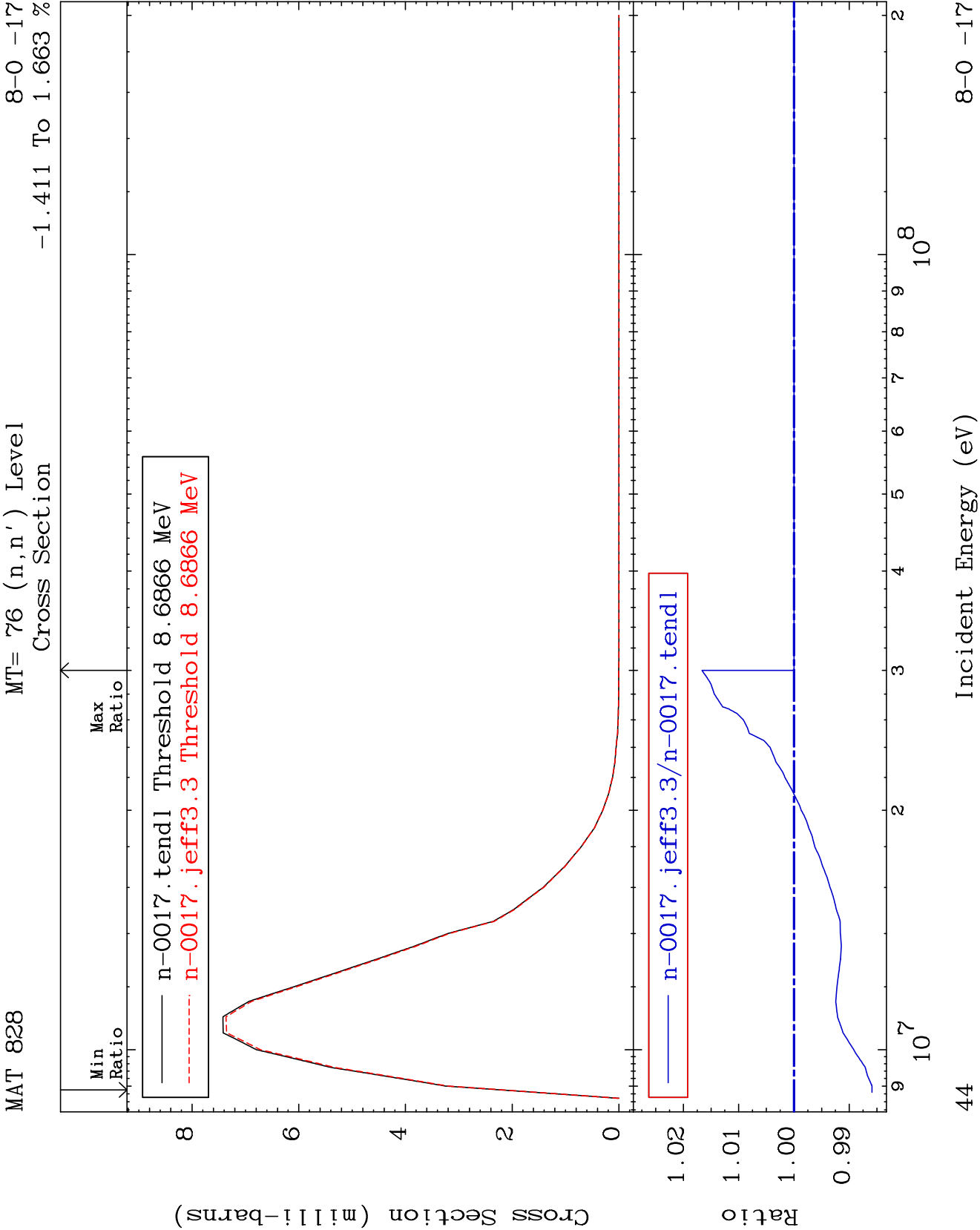
-1.448 To 1.630 %
8-0 -17



43

Incident Energy (eV)

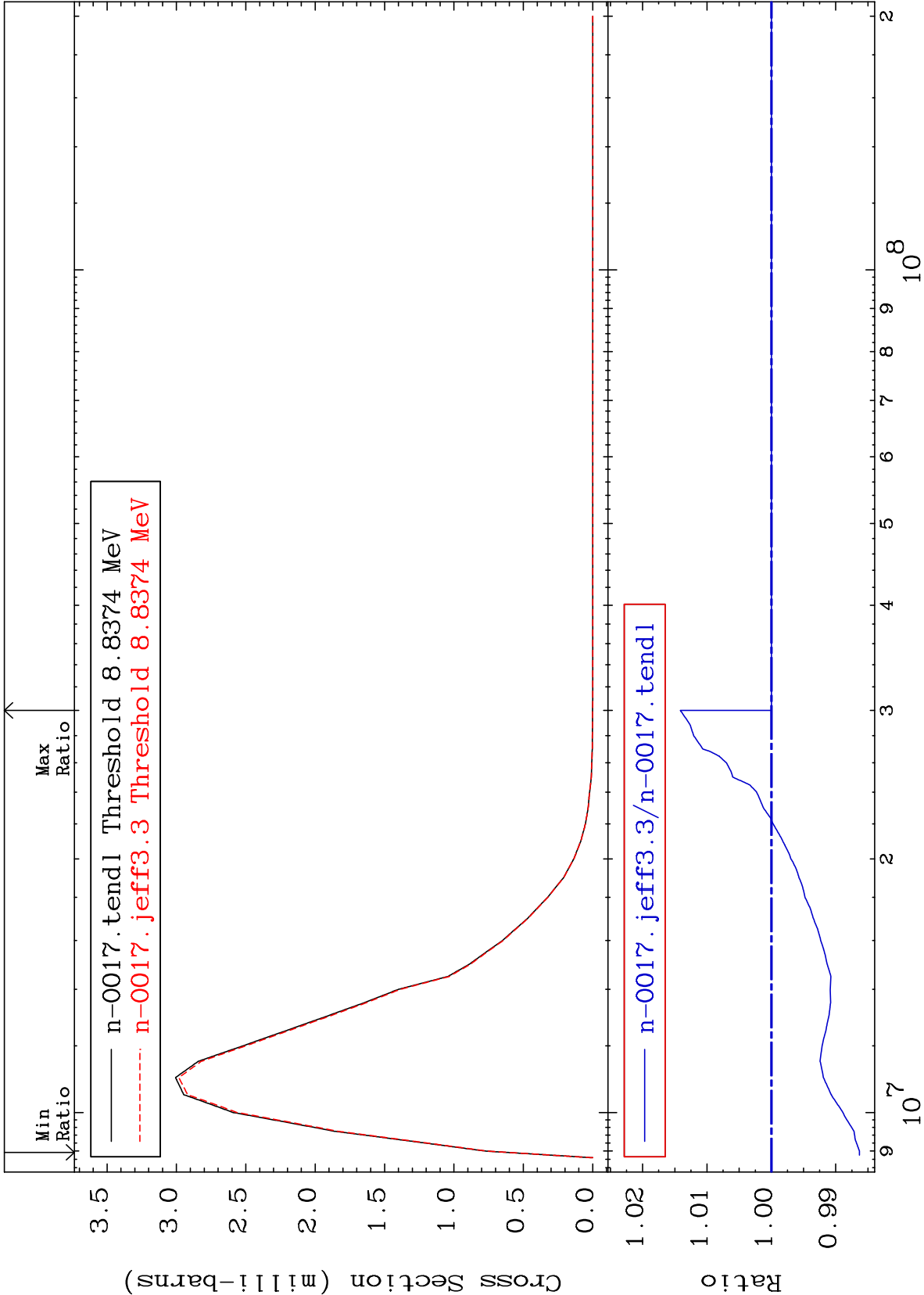
8-0-17



MAT 828

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

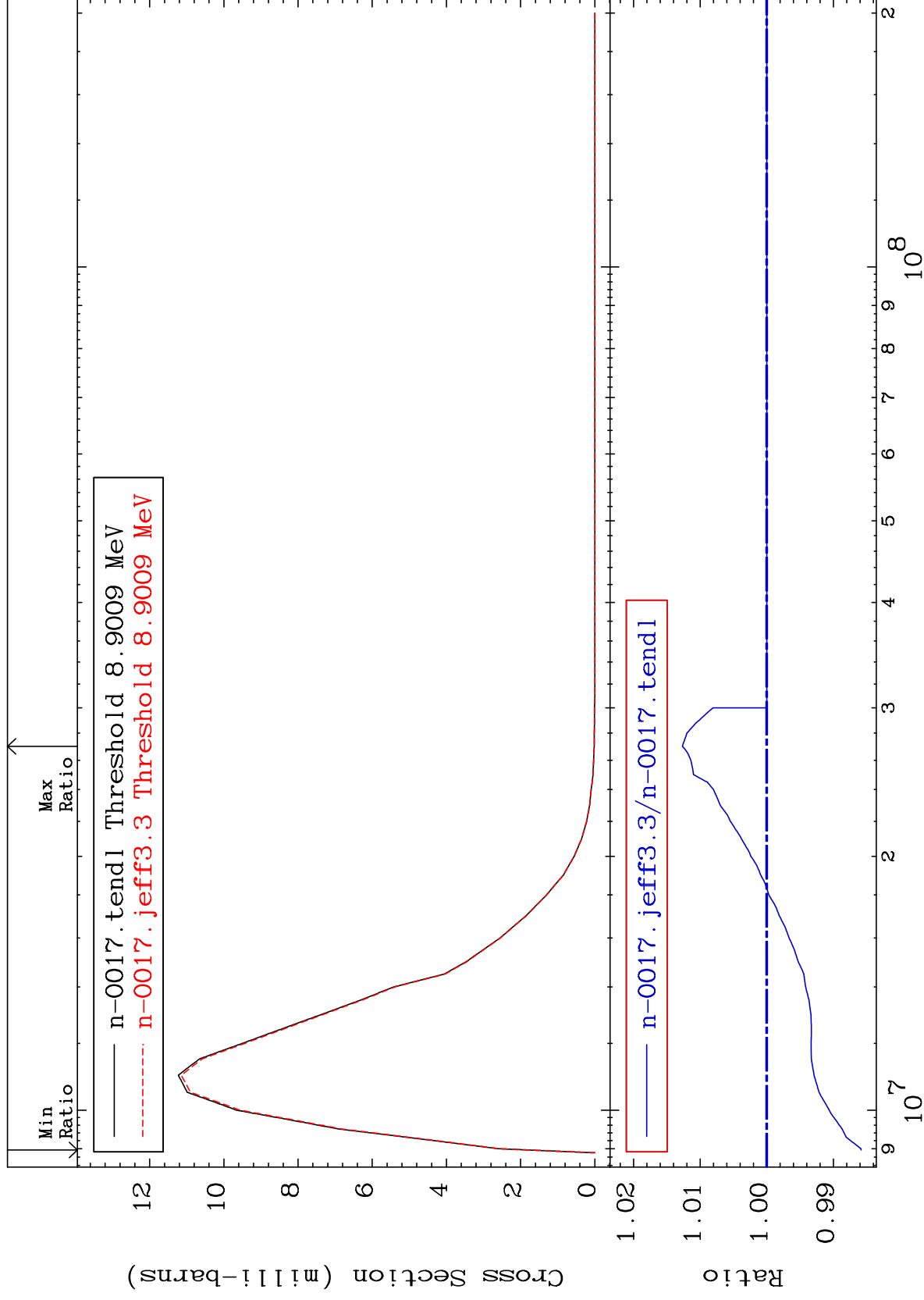
8-0 -17
-1.368 To 1.414 %



MAT 828

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

8-0 -17
-1.416 To 1.267 %



46

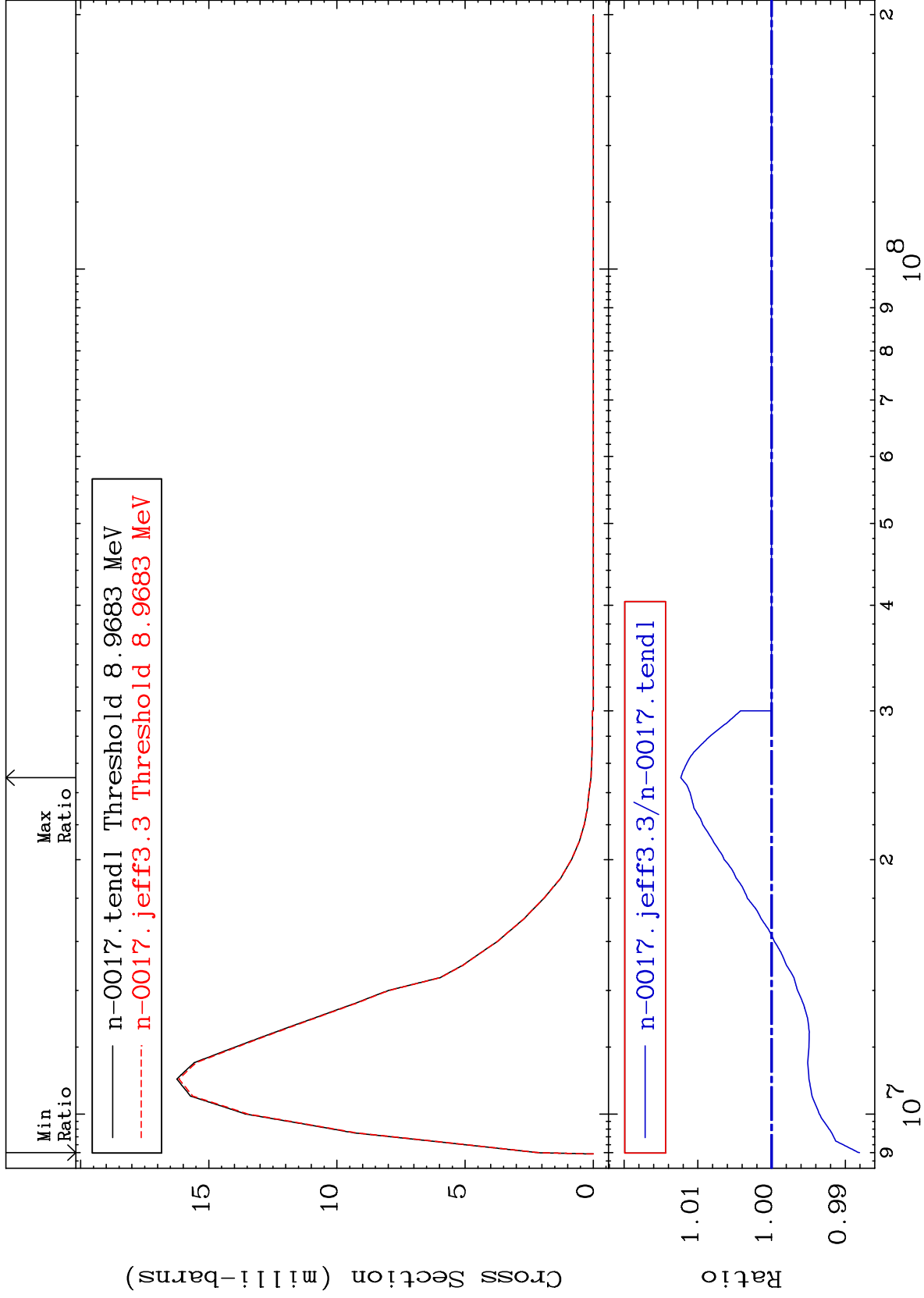
Incident Energy (eV)

8-0 -17

MAT 828

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

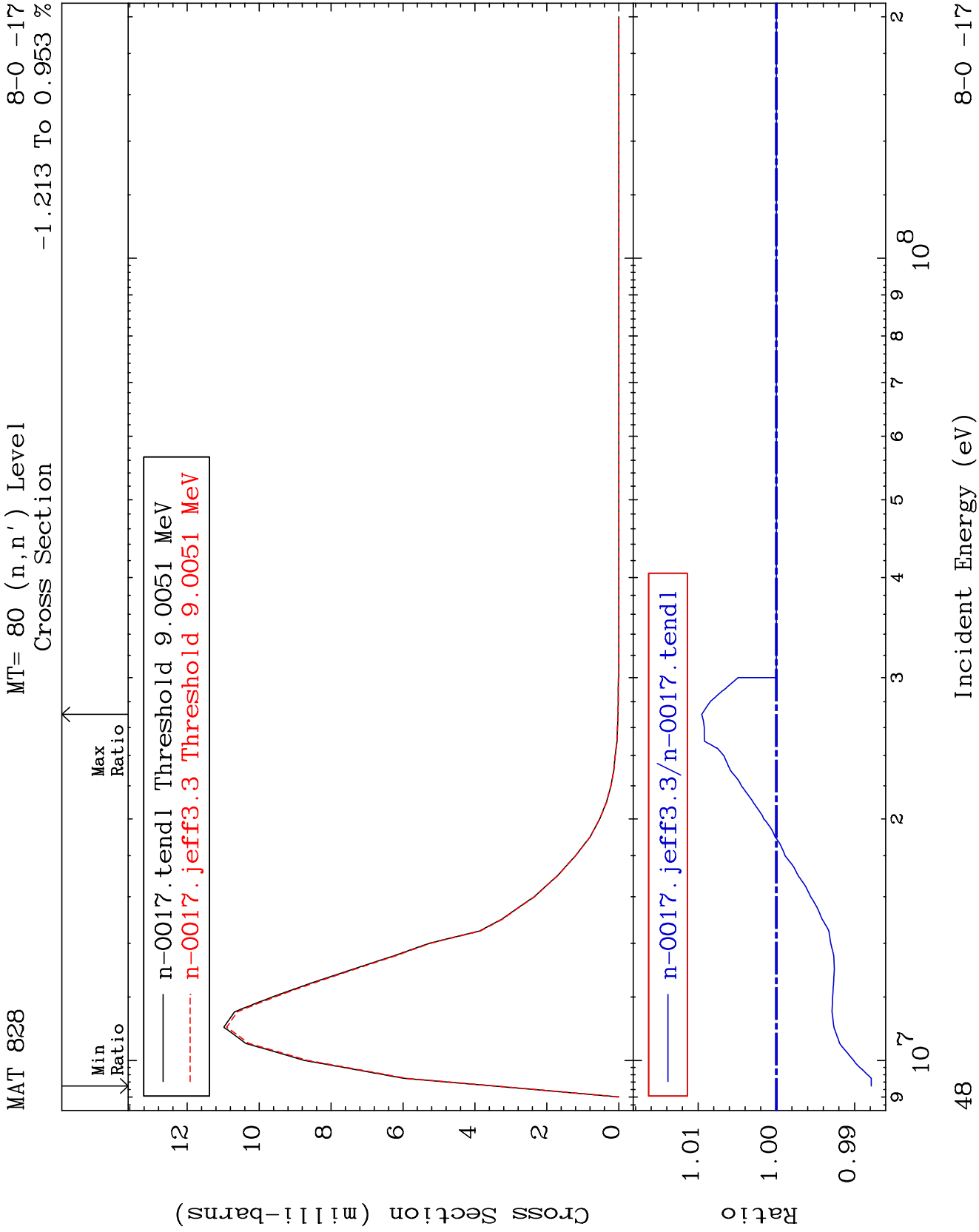
8-0 -17
-1.193 To 1.232 %

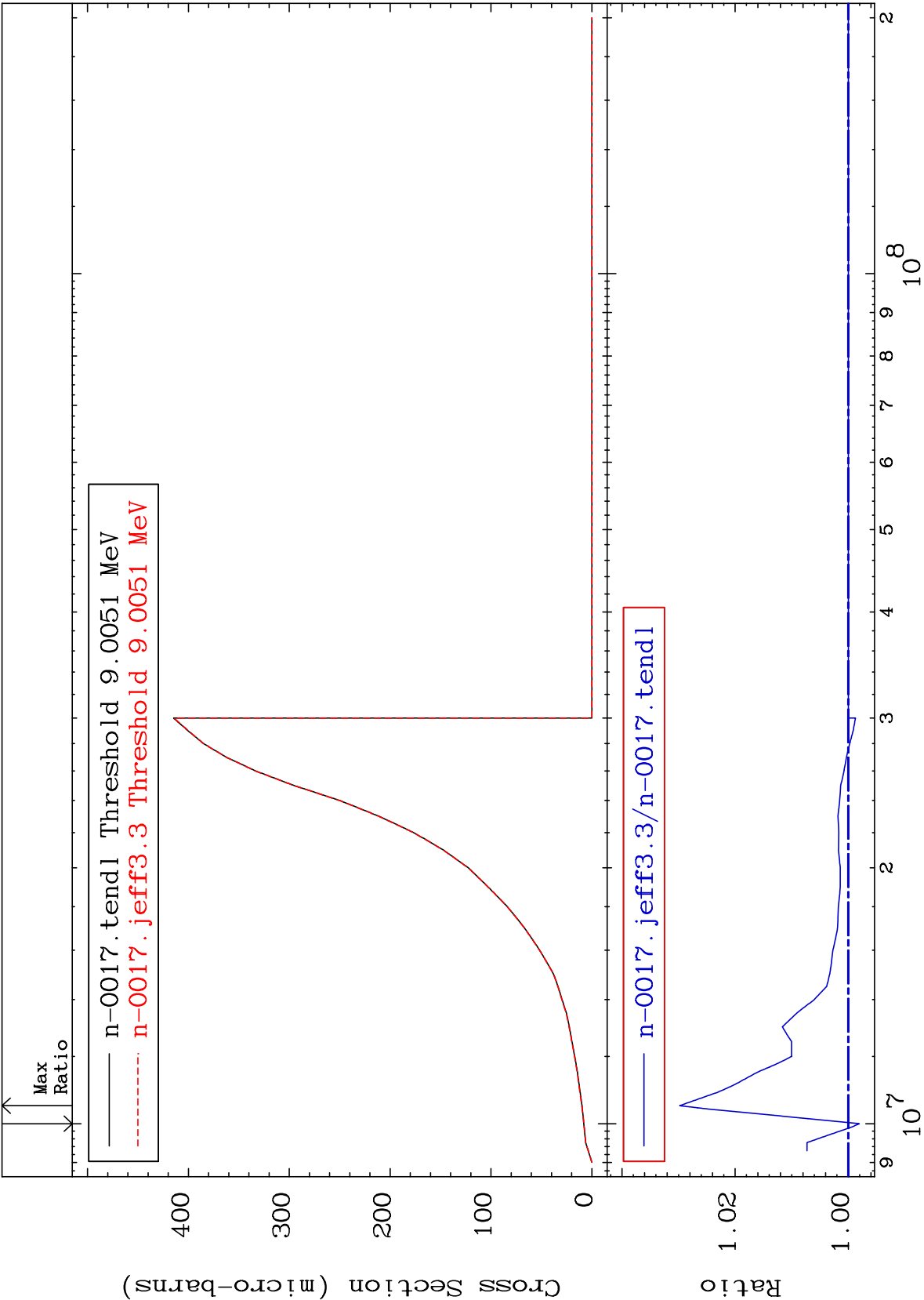


47

Incident Energy (eV)

8-0 -17

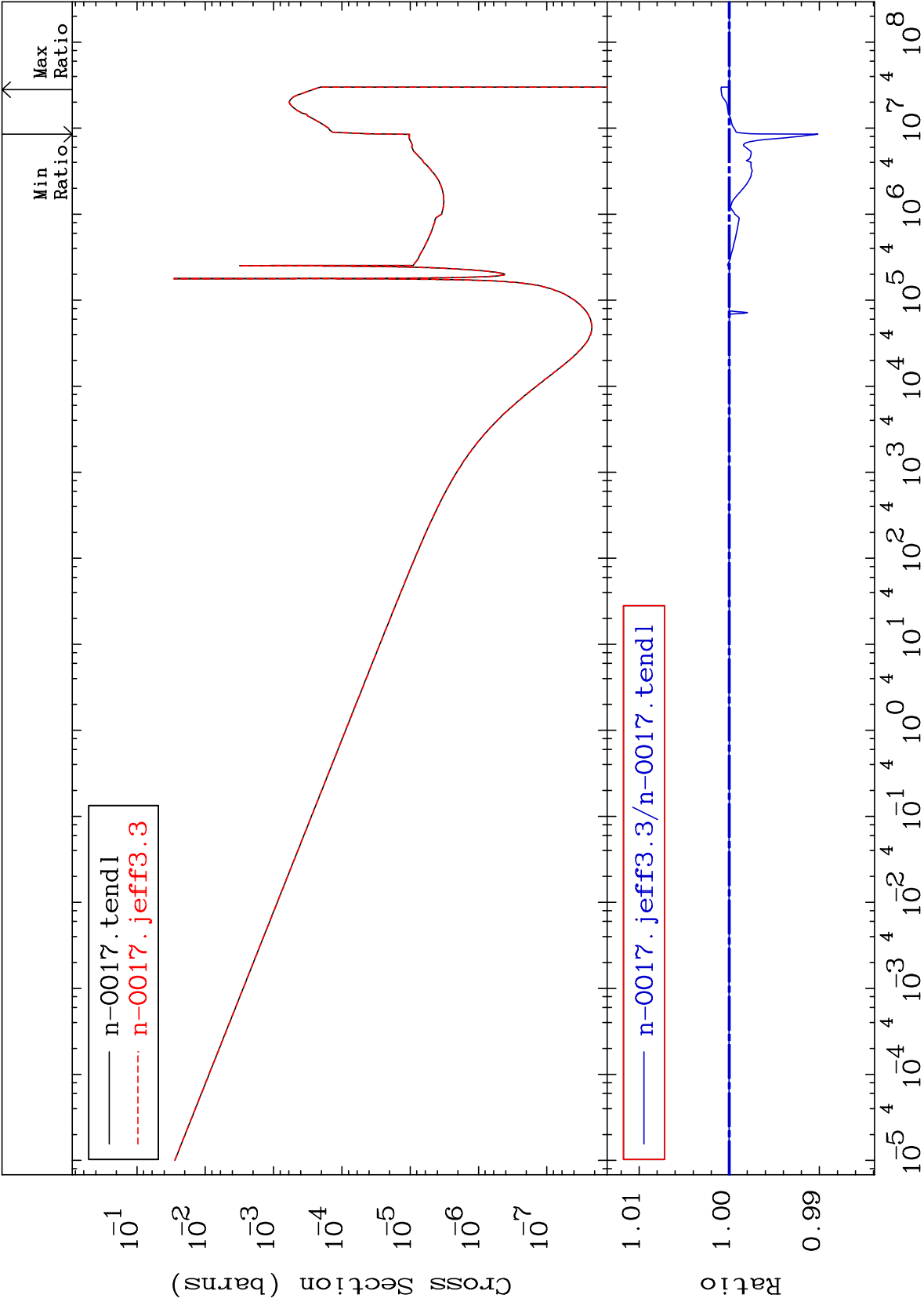




MAT 828

(n, γ)
Cross Section

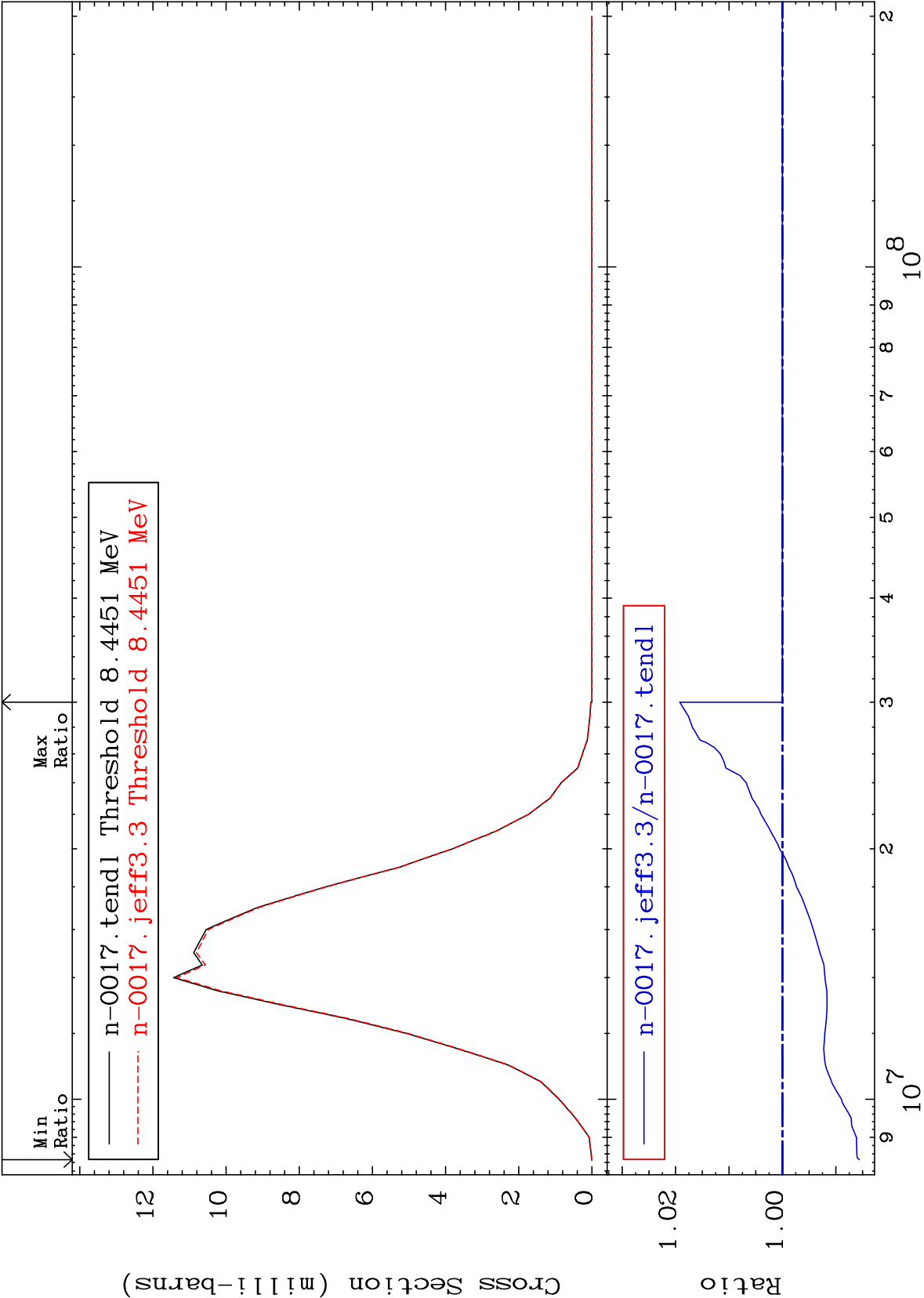
8-0 -17
-0.983 To 0.091 %

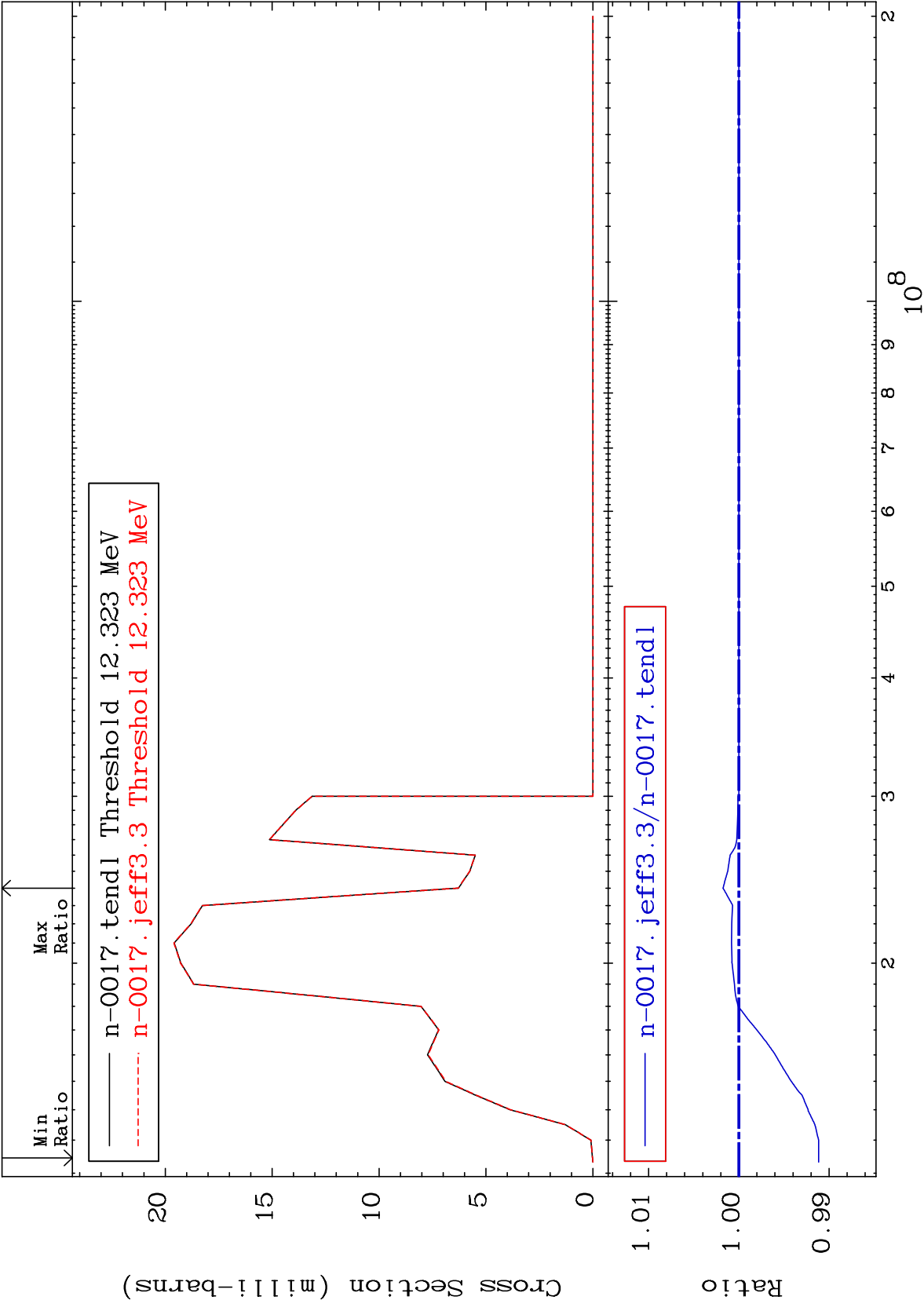


50

Incident Energy (eV)

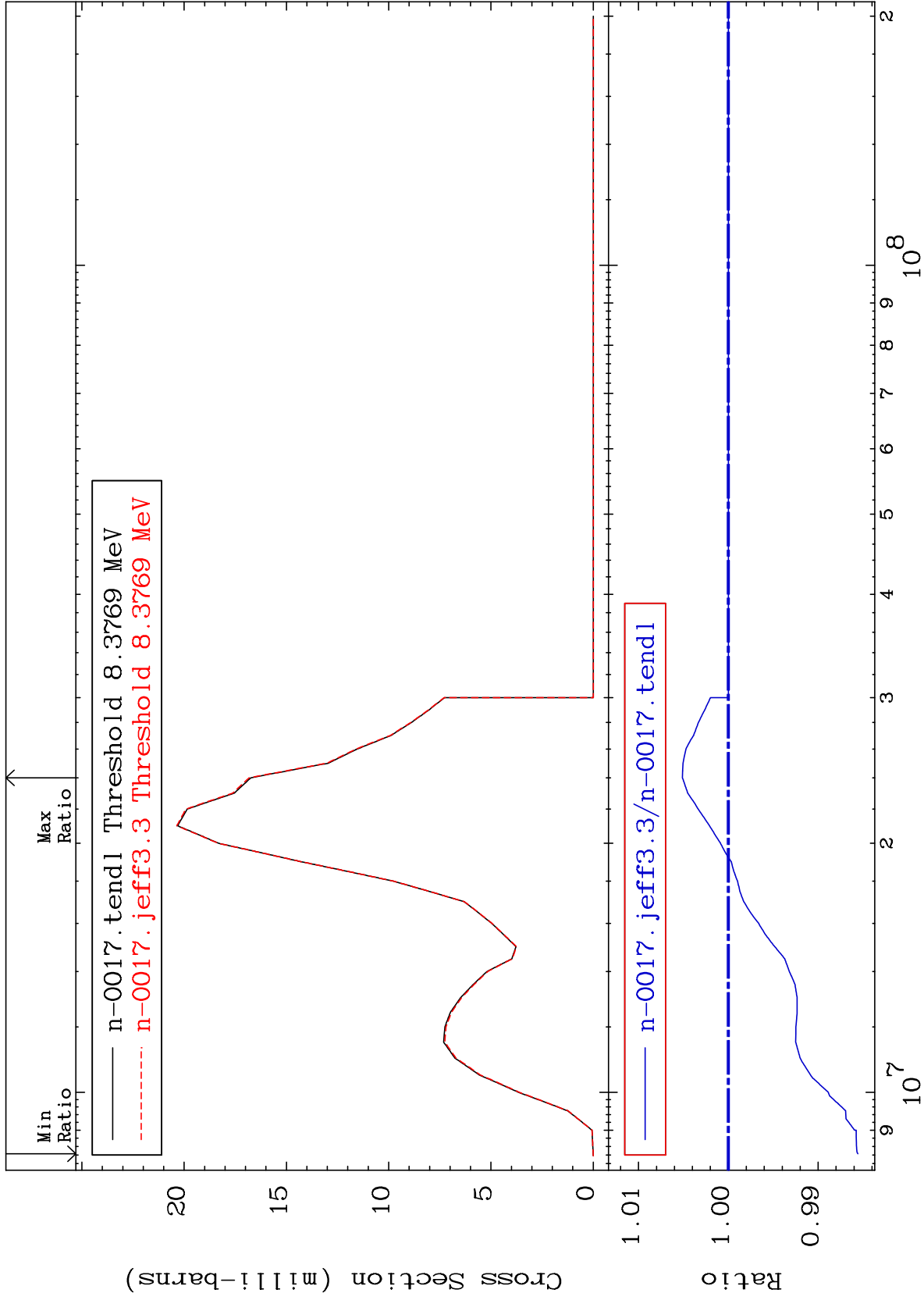
8-0 -17





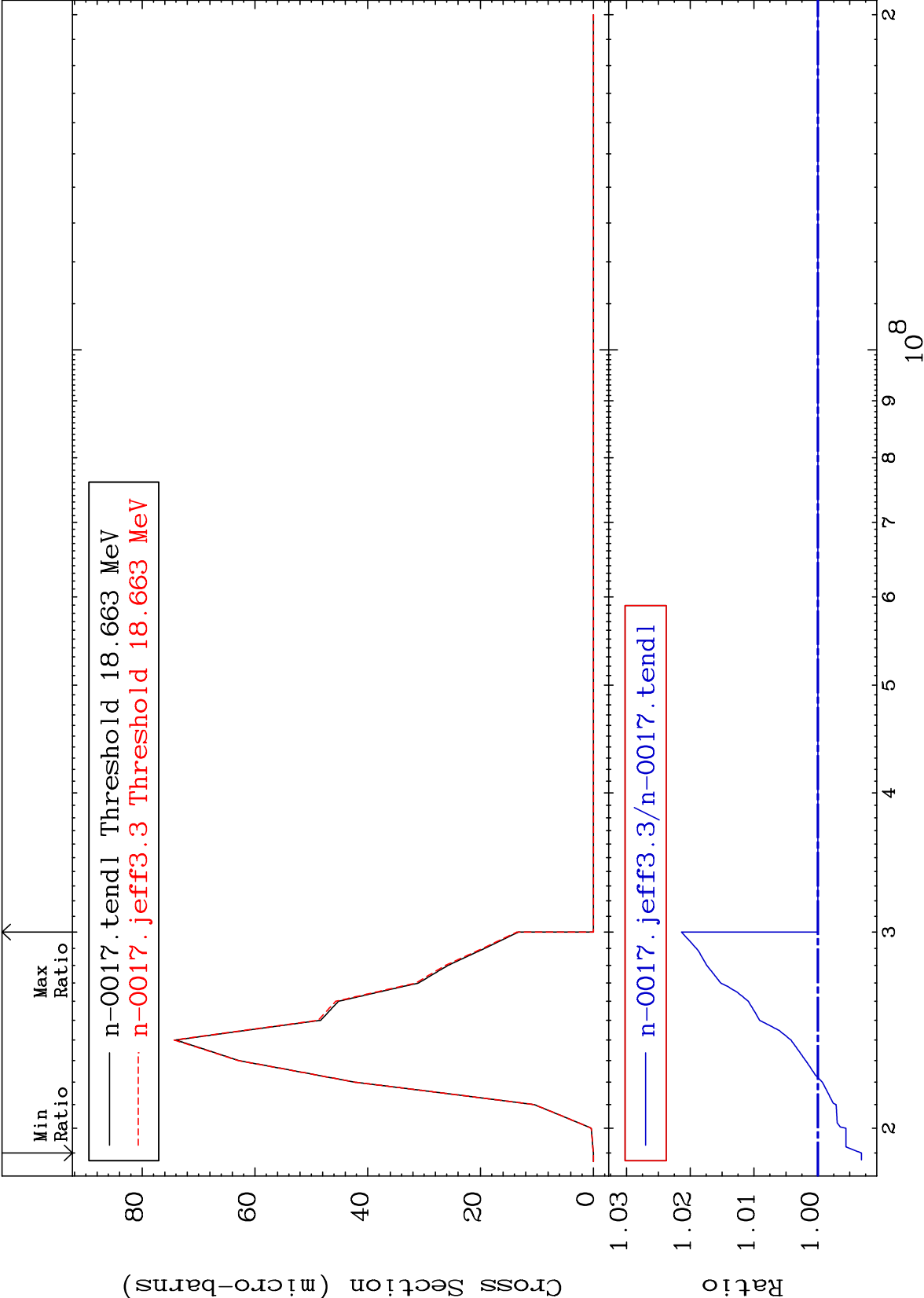
Cross Section

-1.442 To 0.511 %



Cross Section

-0.685 To 2.138 %



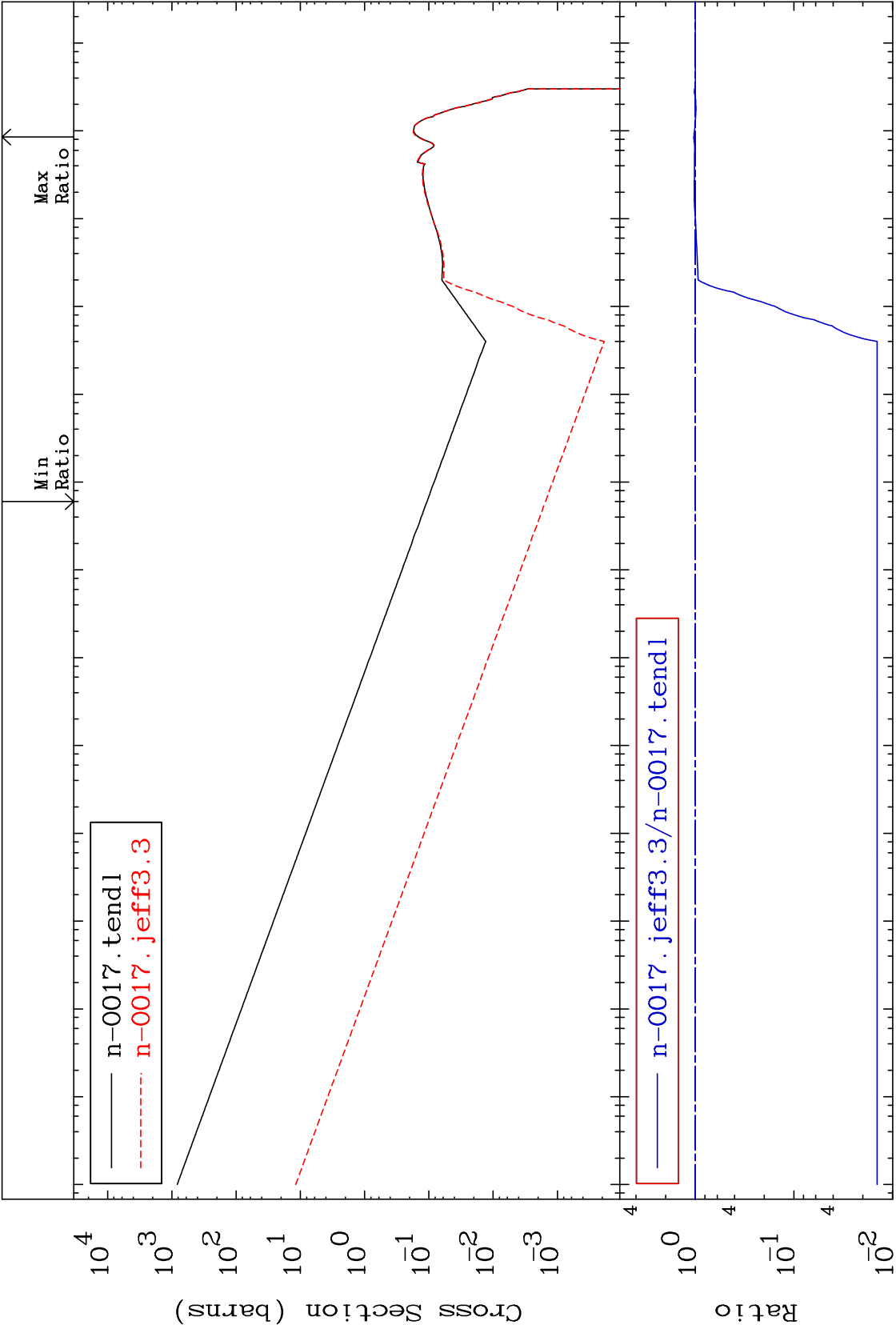
MAT 828

(n, α)

Cross Section

-98.57 To 3.492 %

8-0 -17

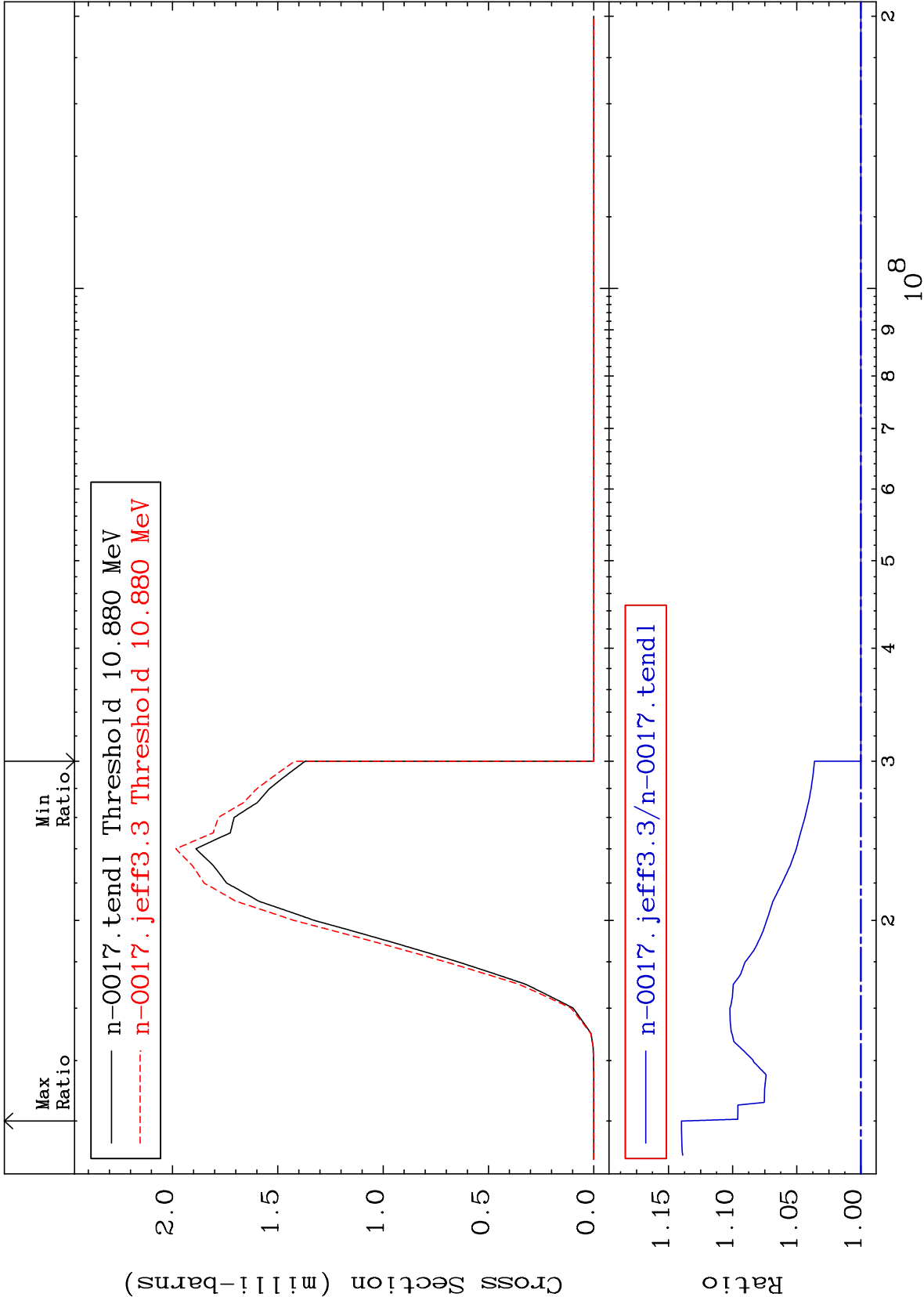


Incident Energy (eV)

8-0 -17

55

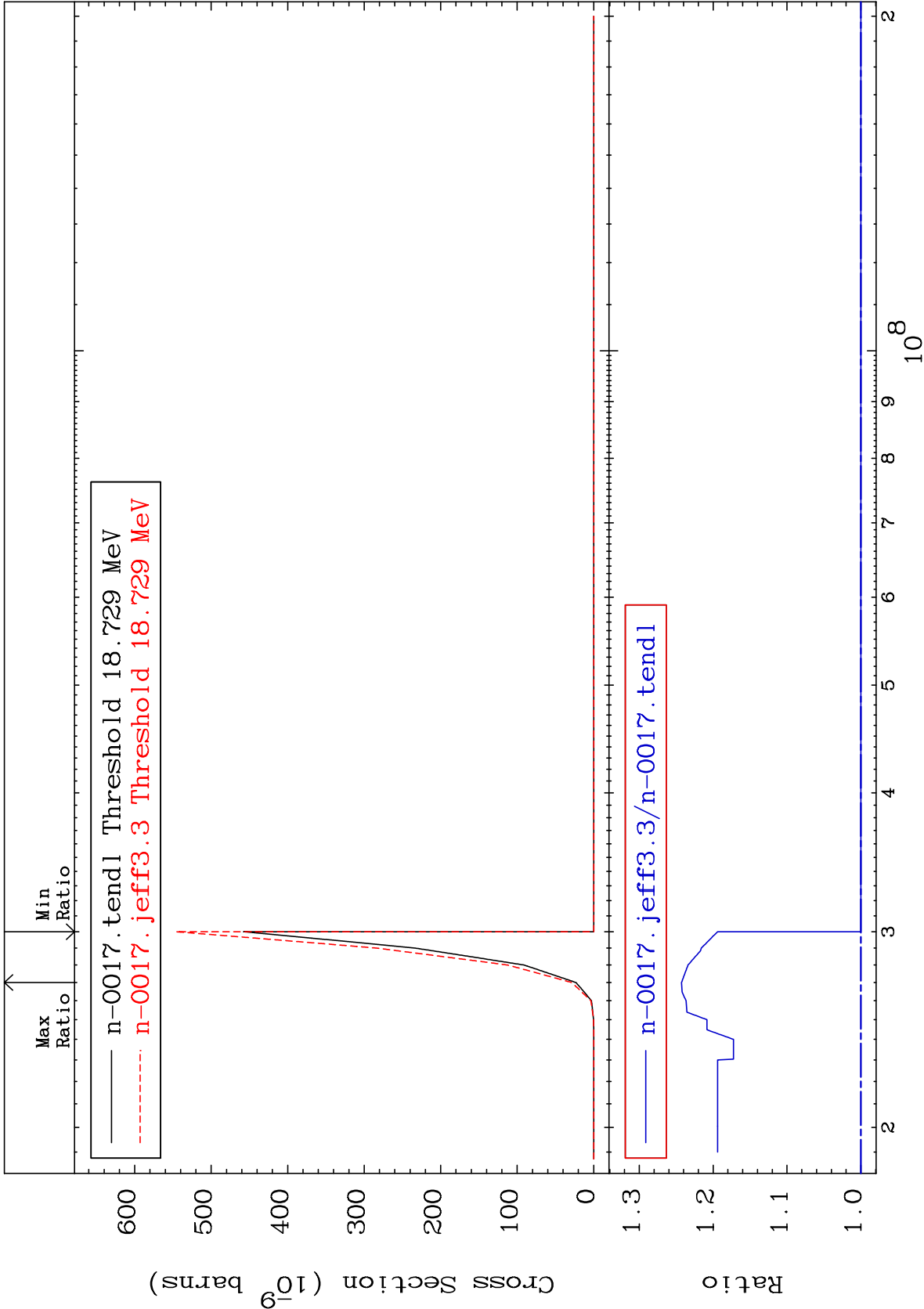
Cross Section



Cross Section

0.000

To 24.28 %



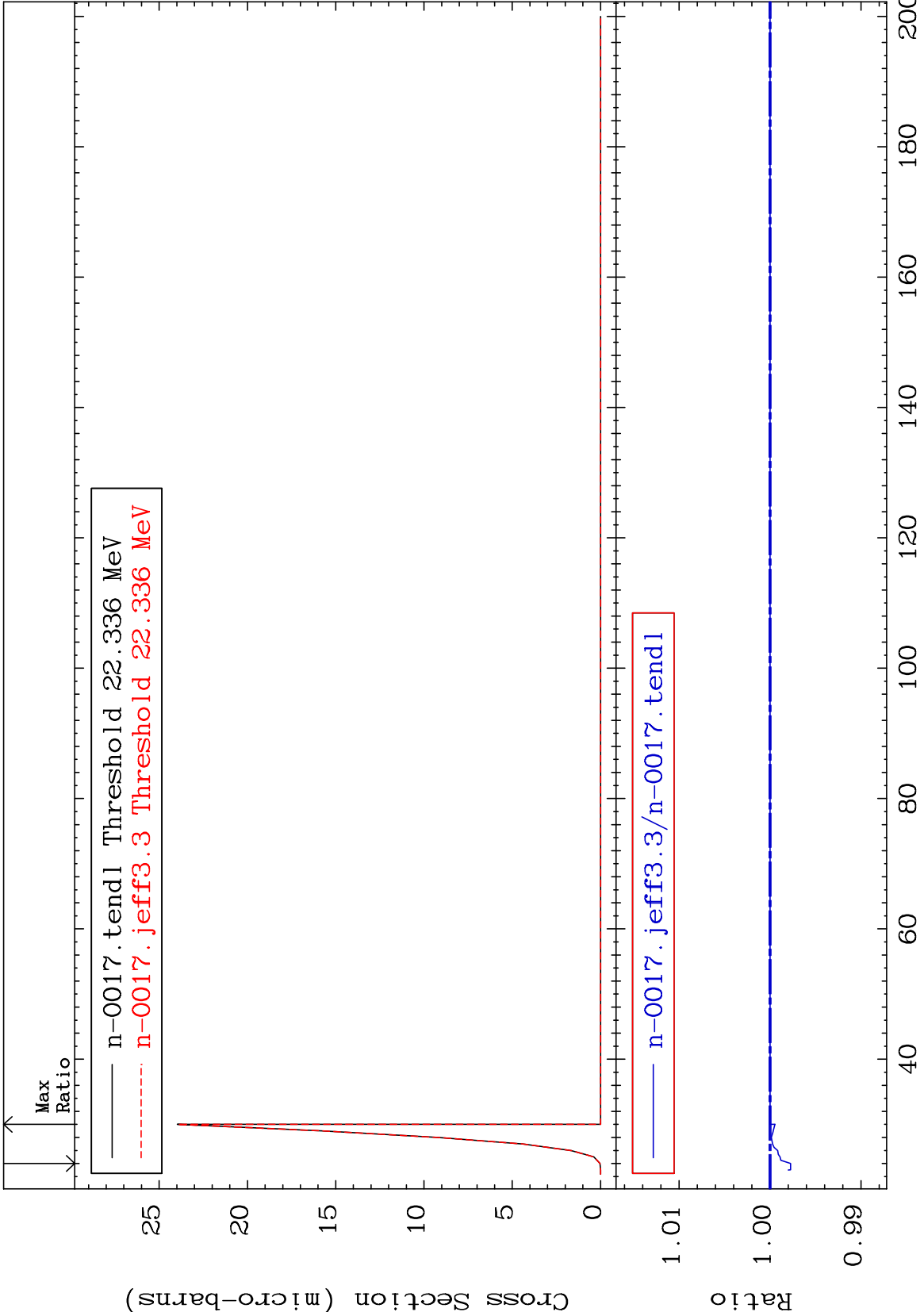
MAT 828

(n,2p)

8-0 -17

Cross Section

-0.226 To 0.000 %



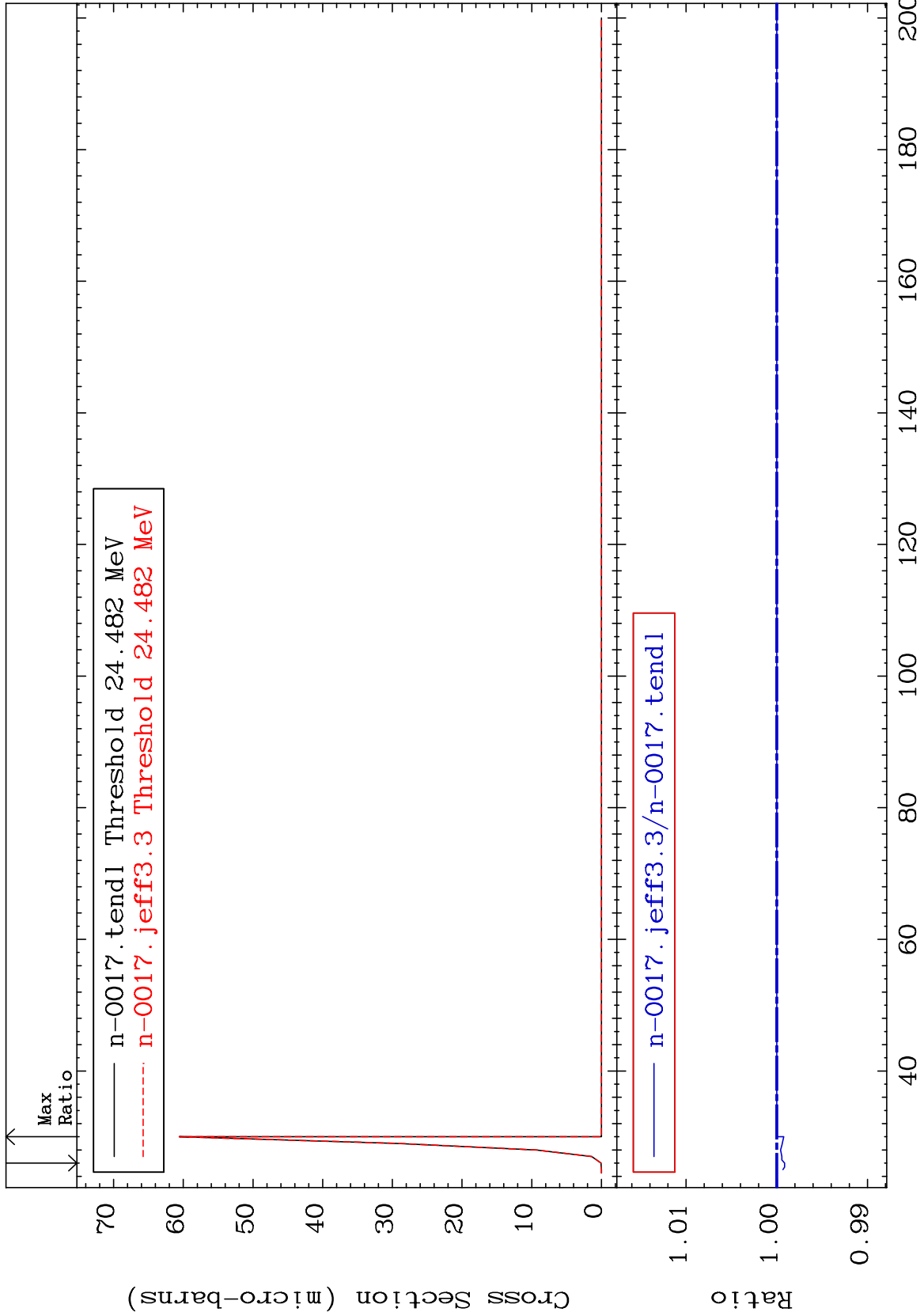
MAT 828

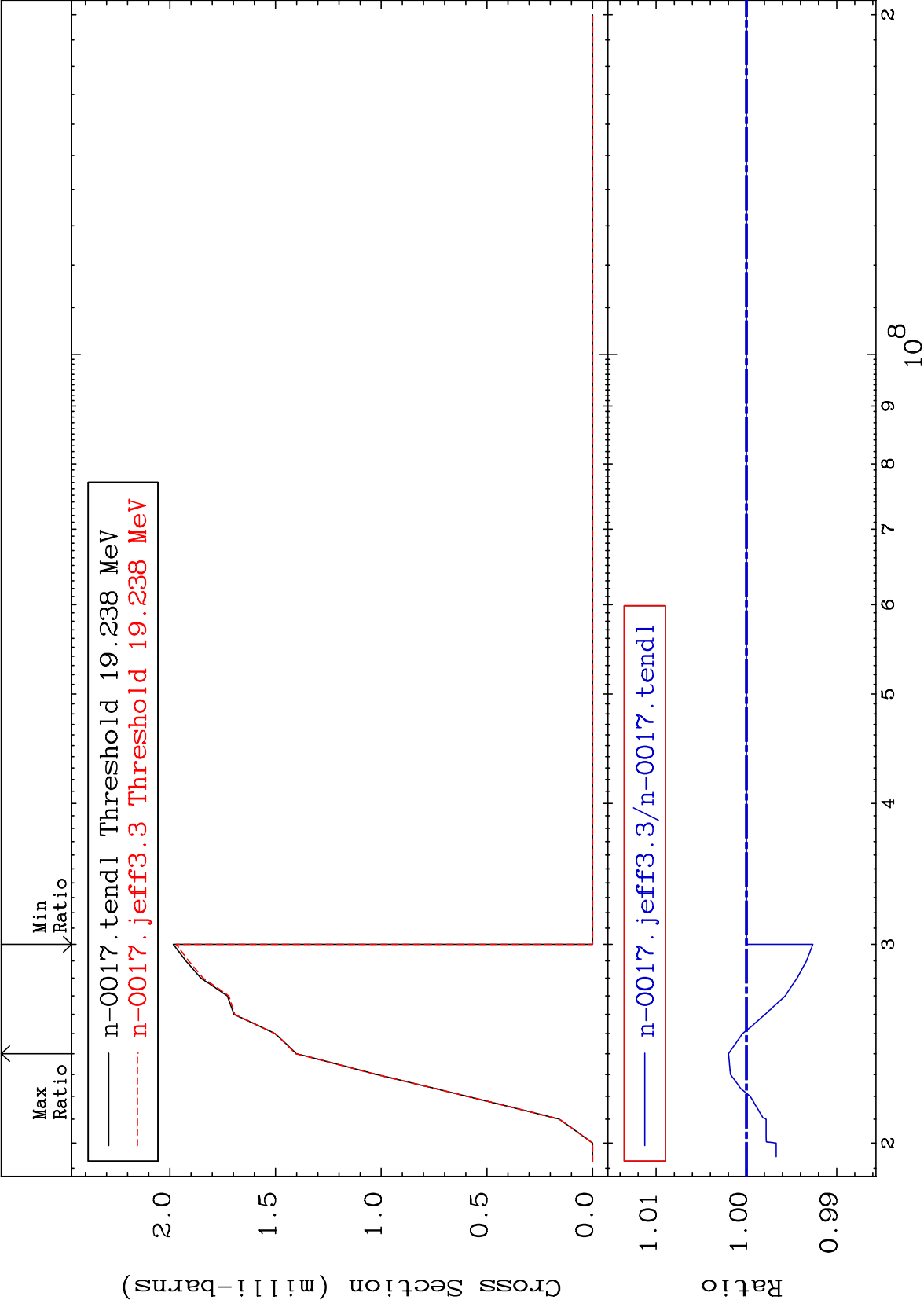
(n,p) d

8-0 -17

Cross Section

-0.087 To 0.000 %

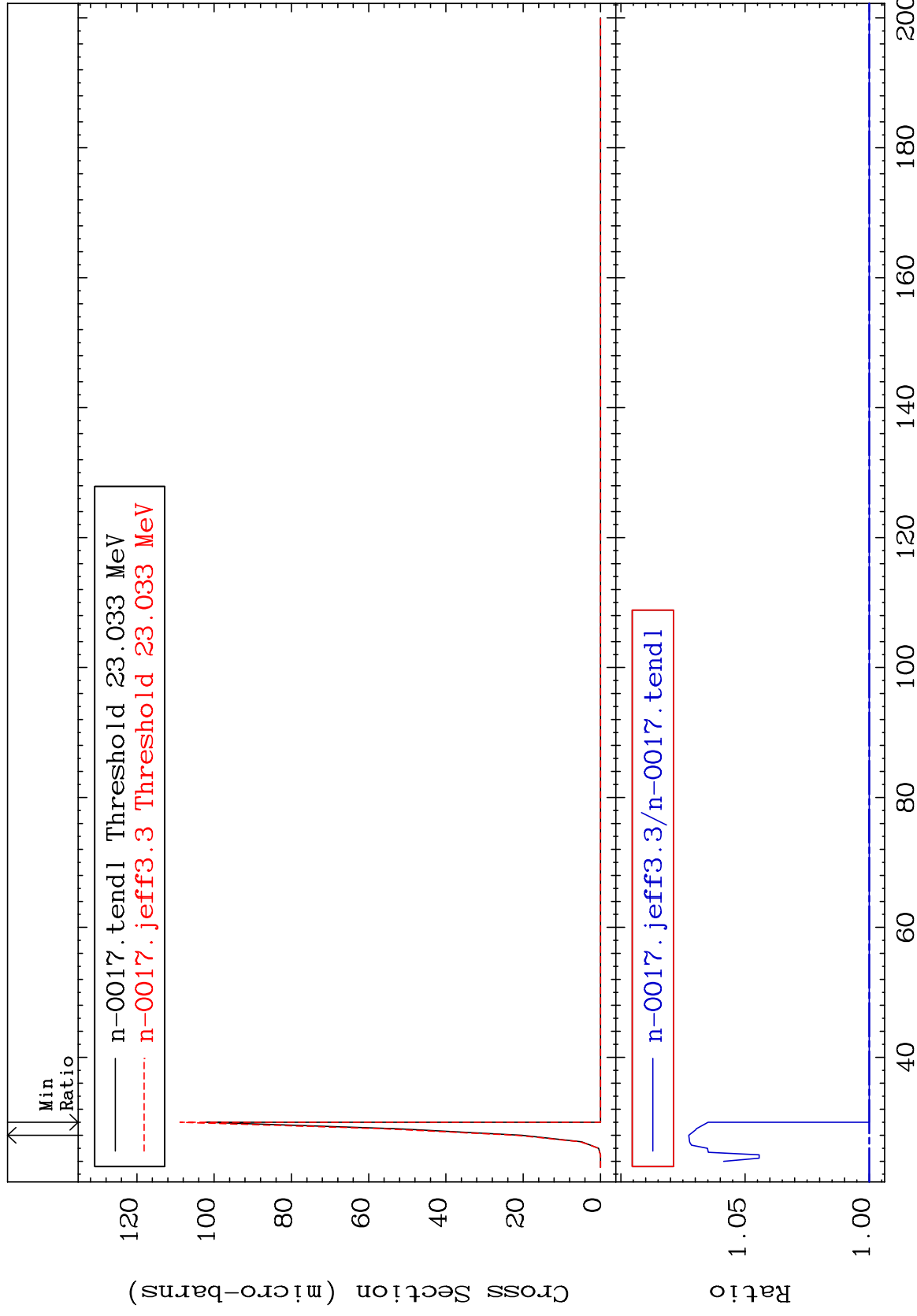




MAT 828

(n,d) α
Cross Section

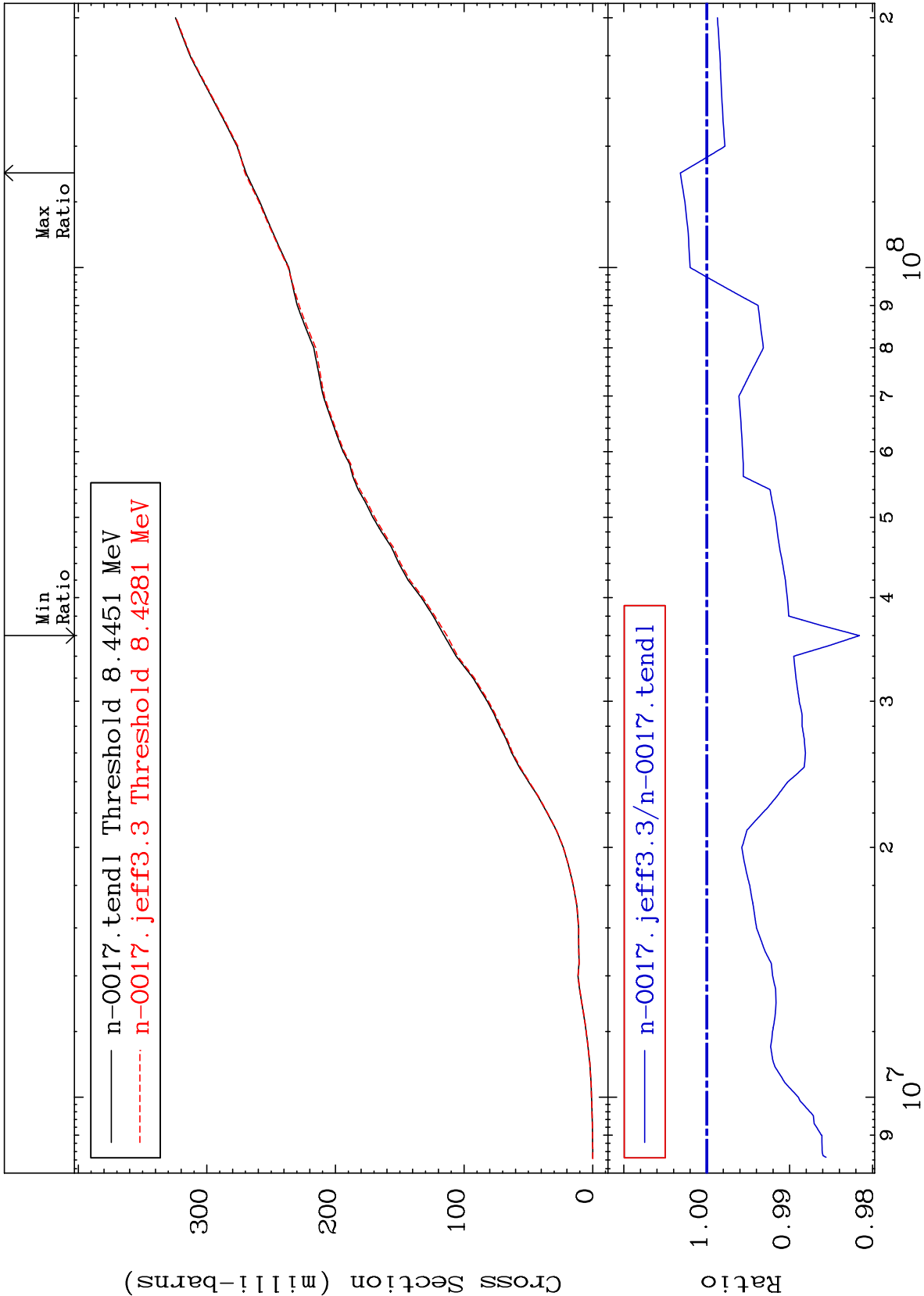
8-0 -17
0.000 To 7.264 %

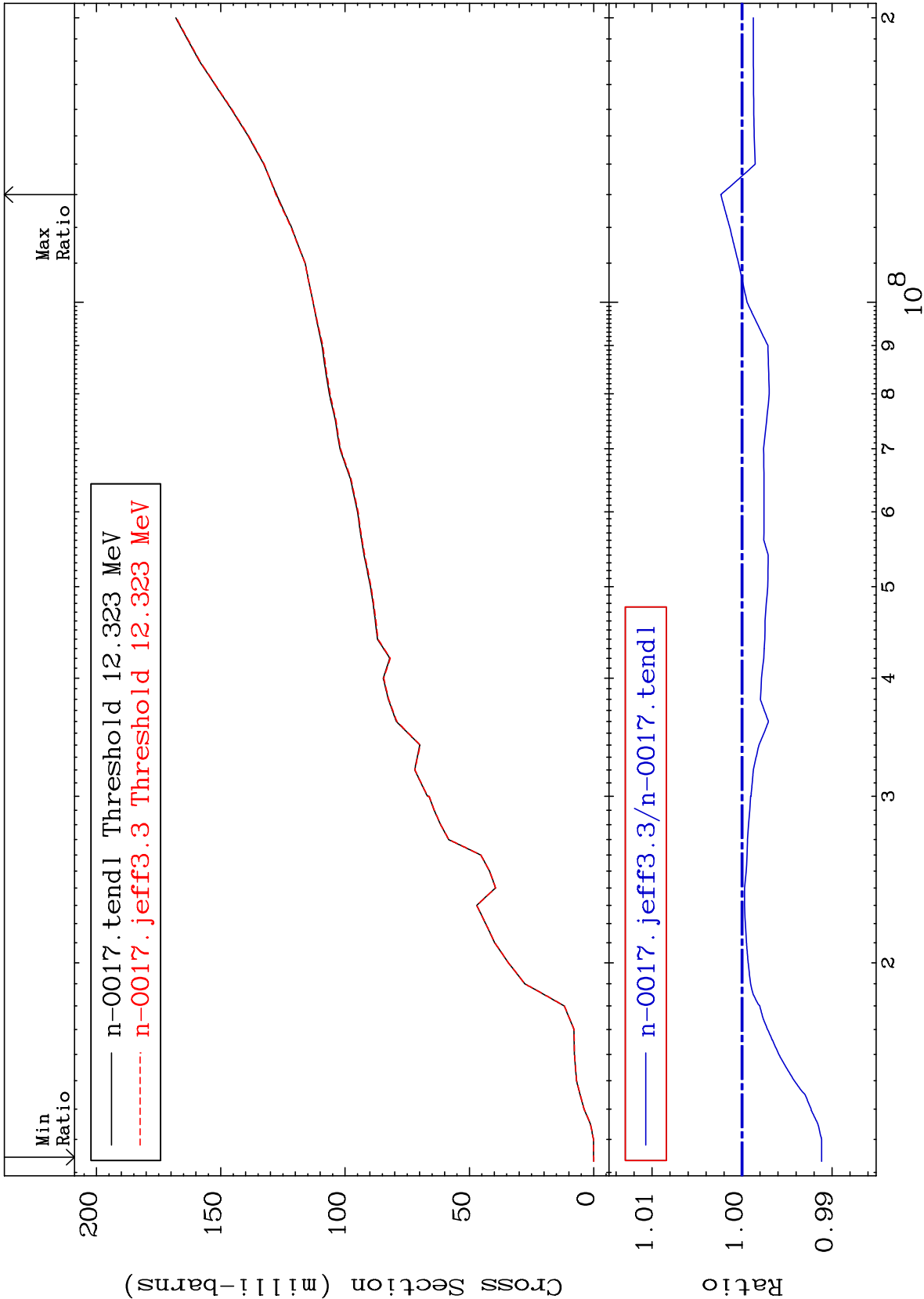


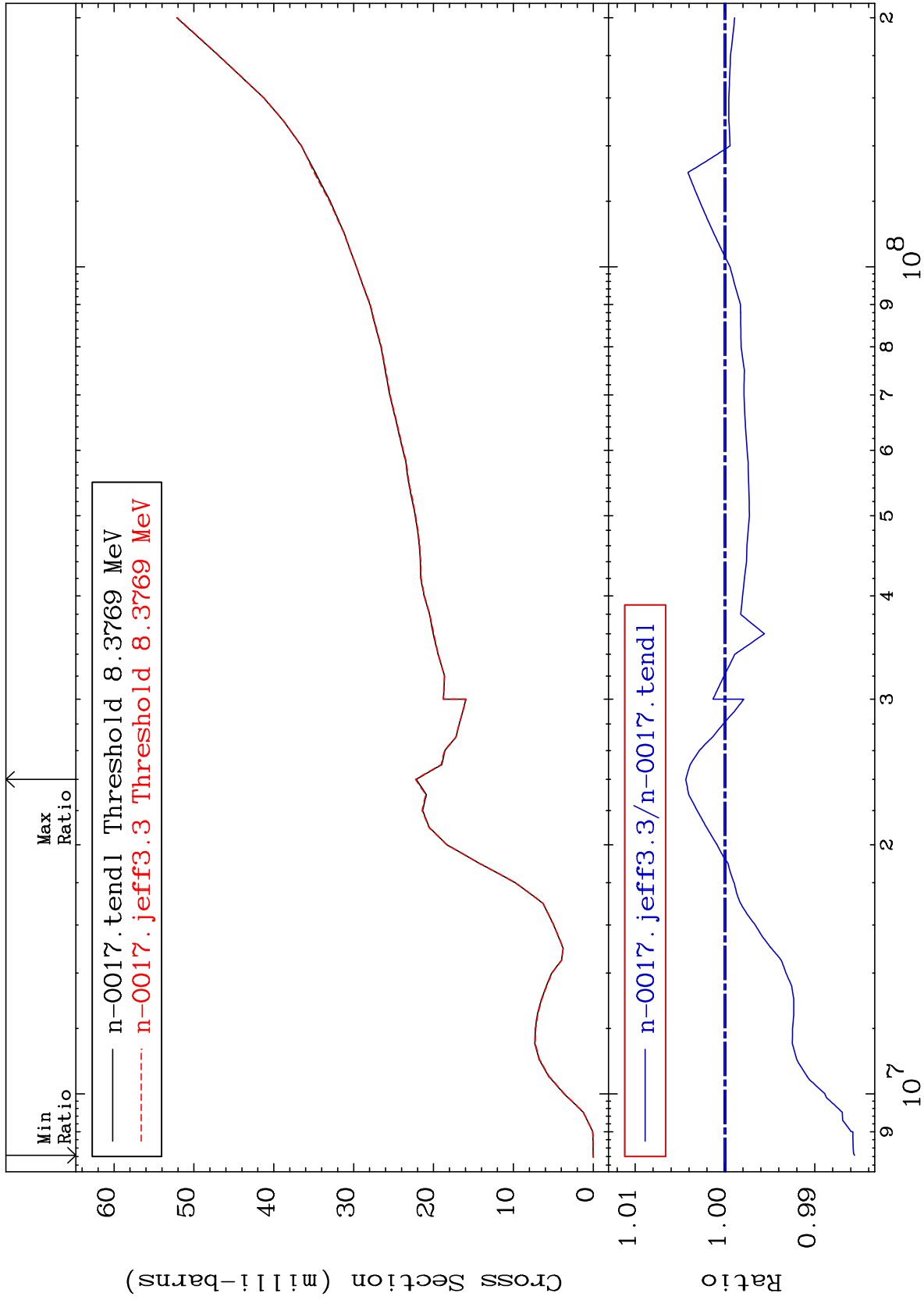
62

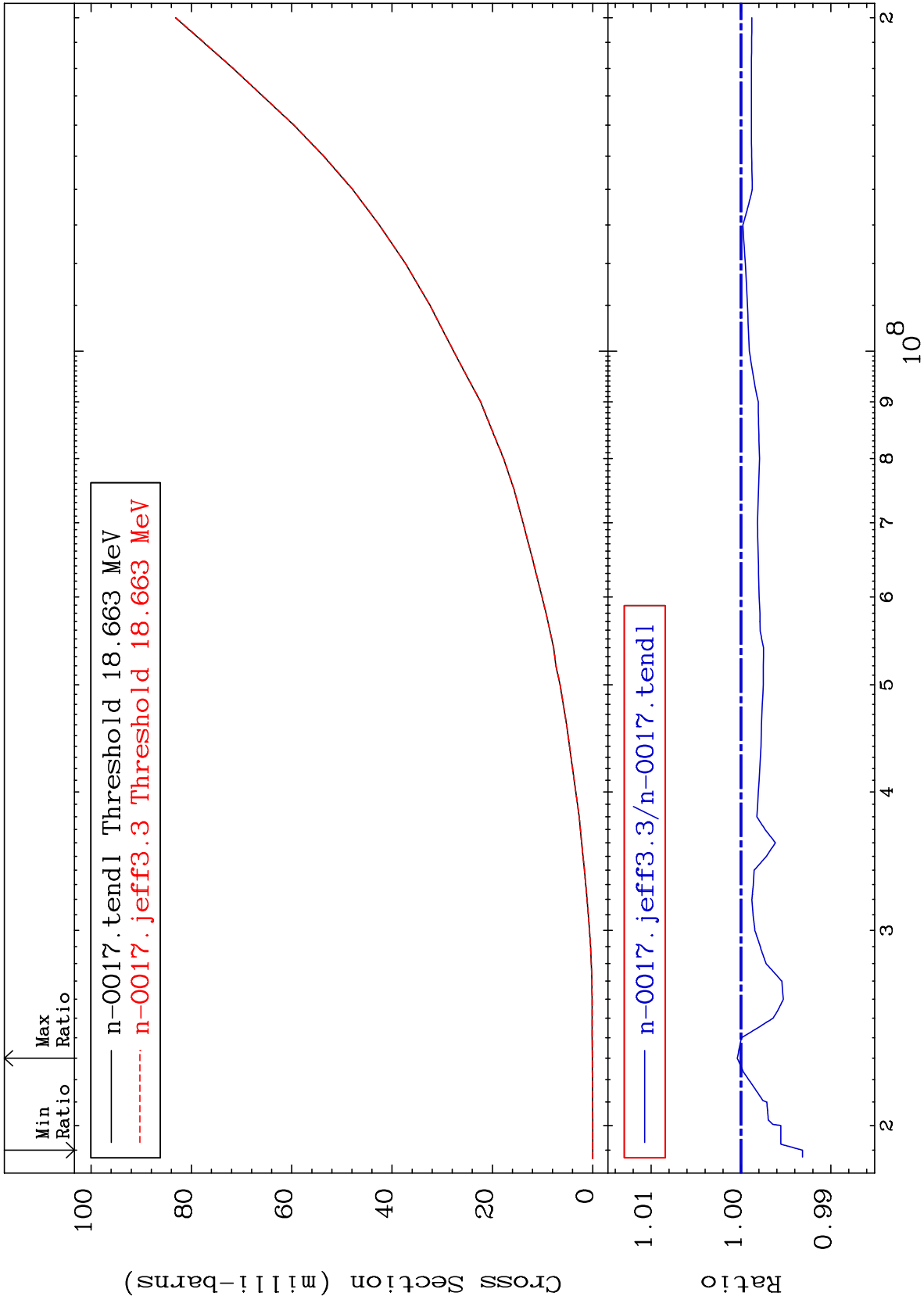
Incident Energy (MeV)

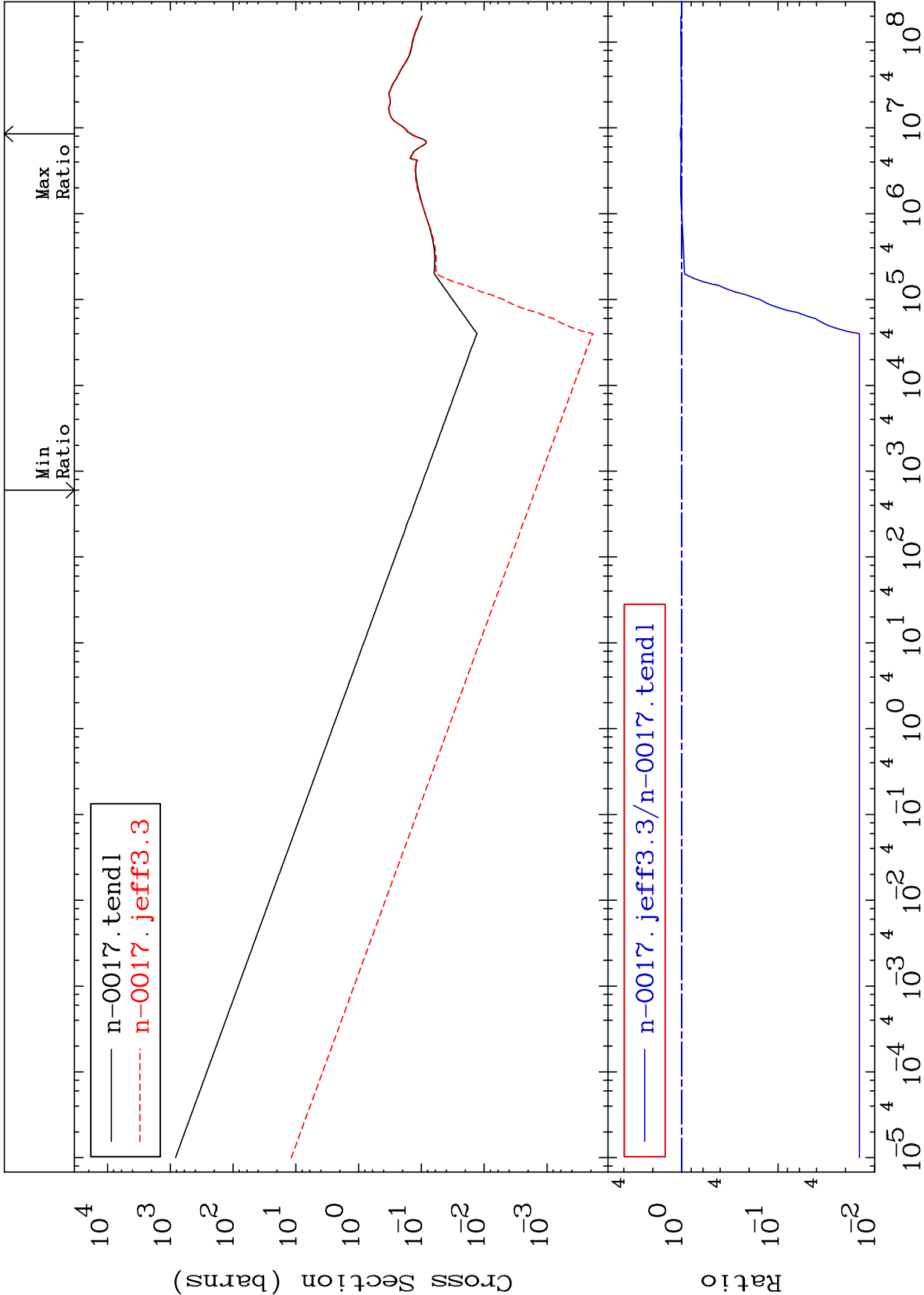
8-0 -17





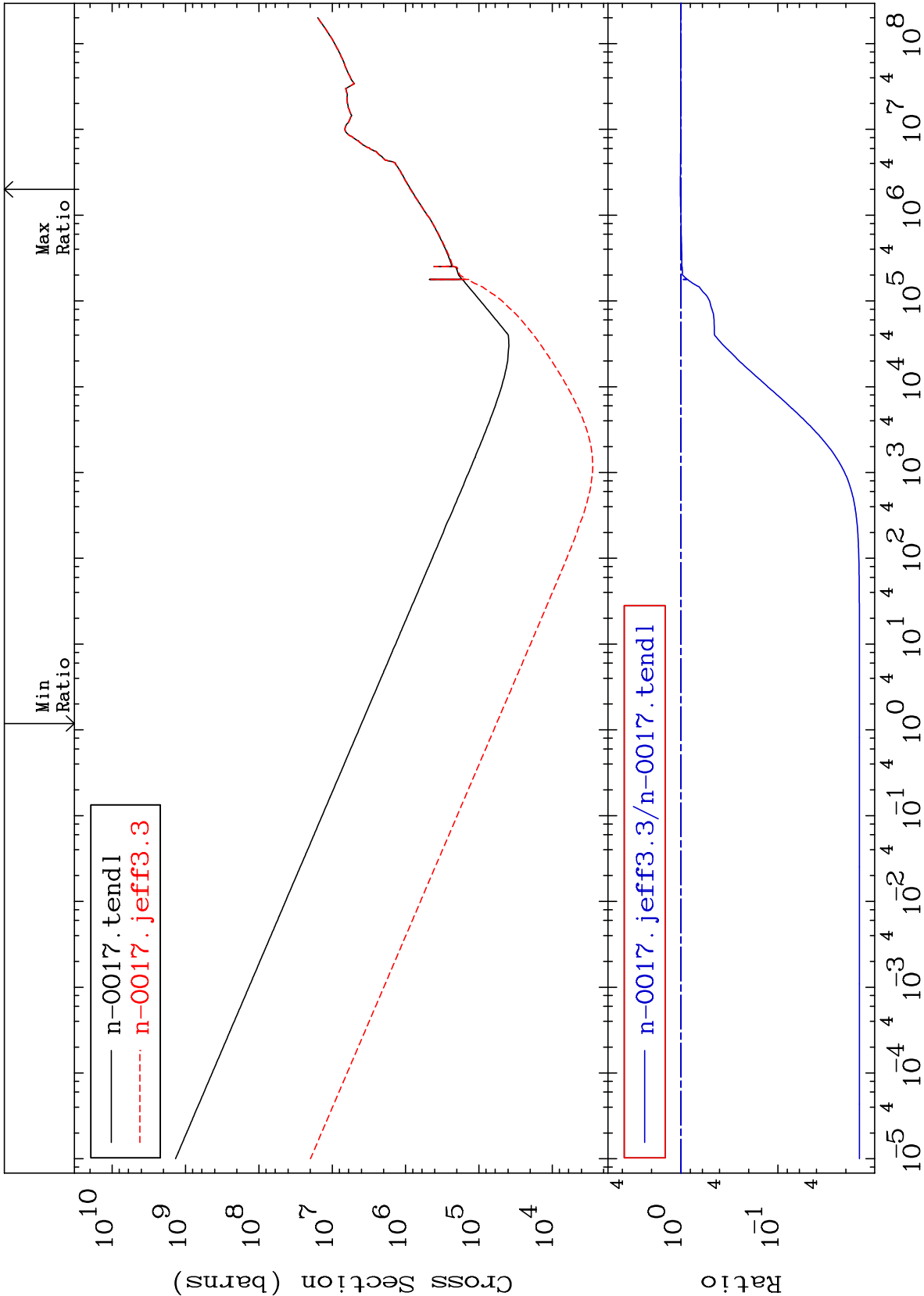






Cross Section

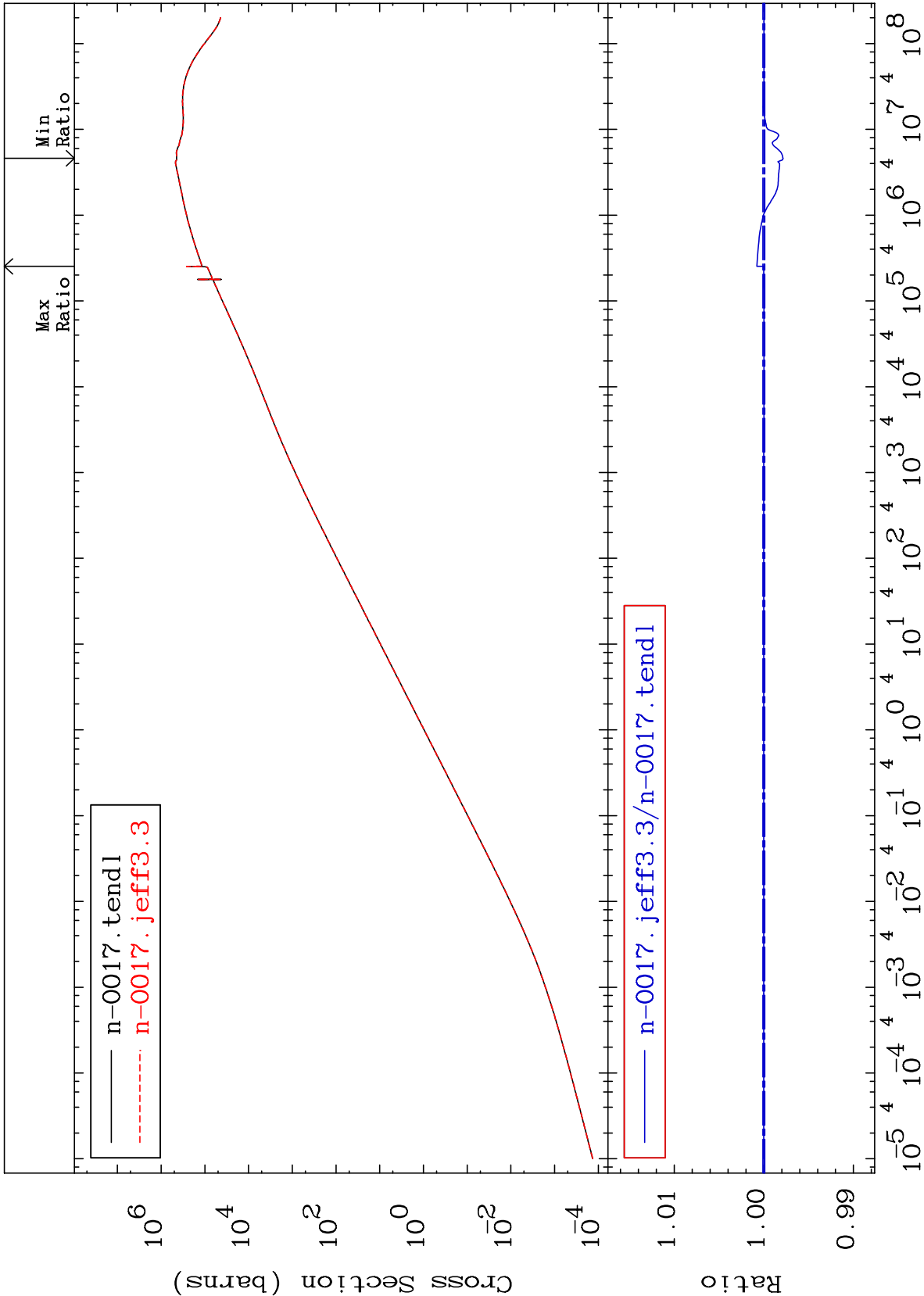
-98.55 To 1.175 %



MAT 828

Kerma elastic
Cross Section

8-0 -17
-0.214 To 0.079 %



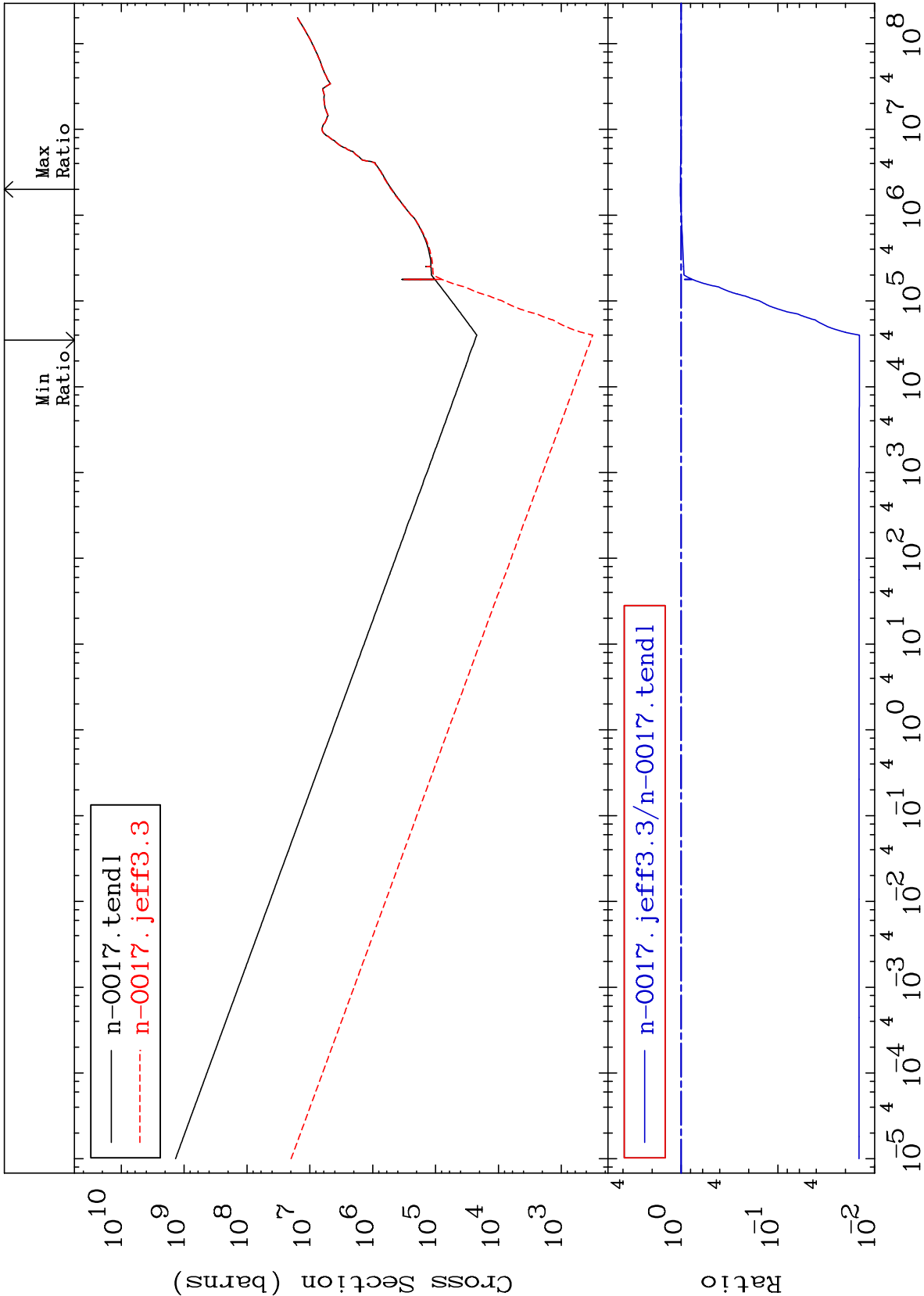
MAT 828

Kerma non-elastic (all but mt2)

8-0 -17

Cross Section

-98.57 To 2.113 %



Incident Energy (eV)

8-0 -17

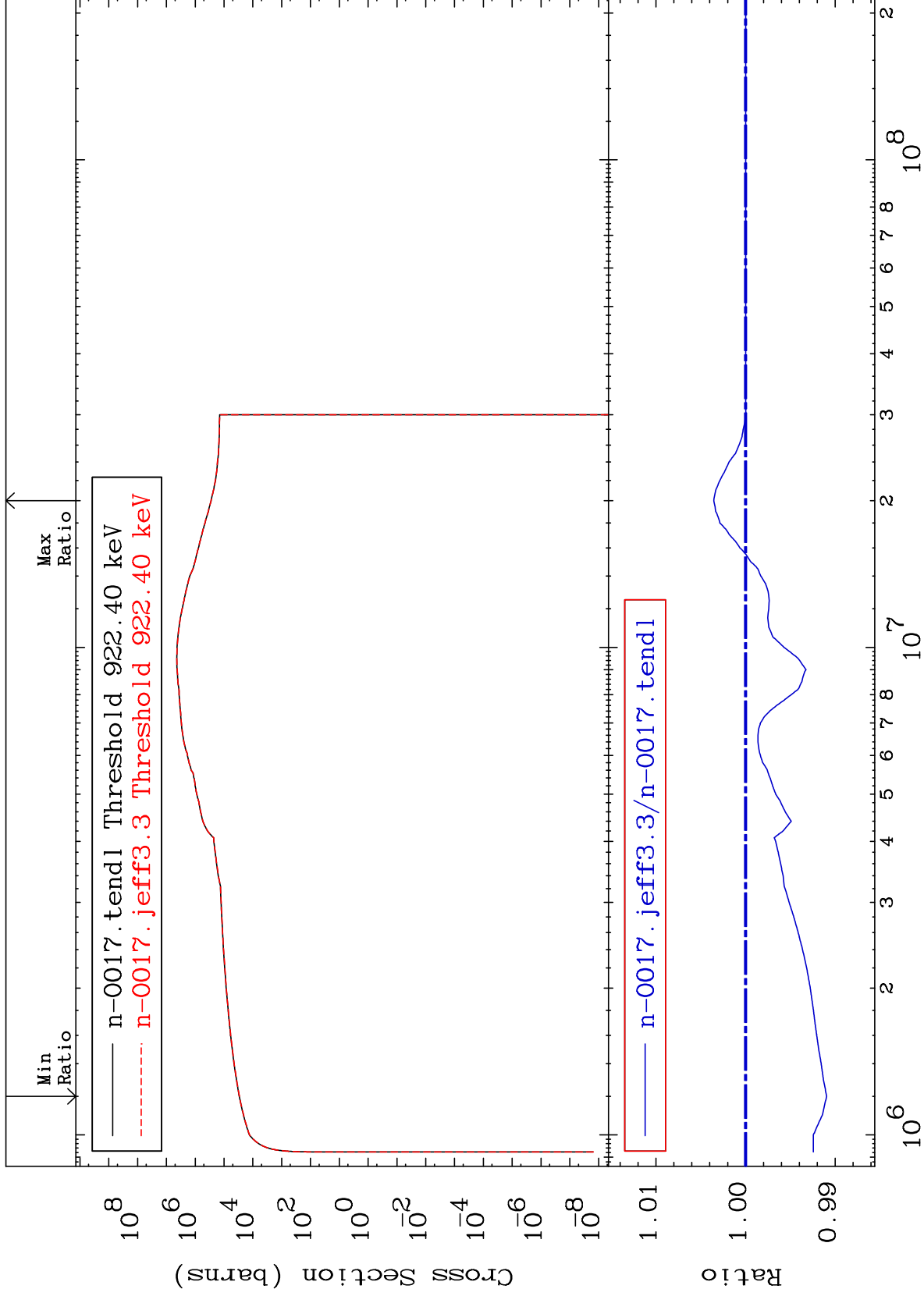
MAT 828

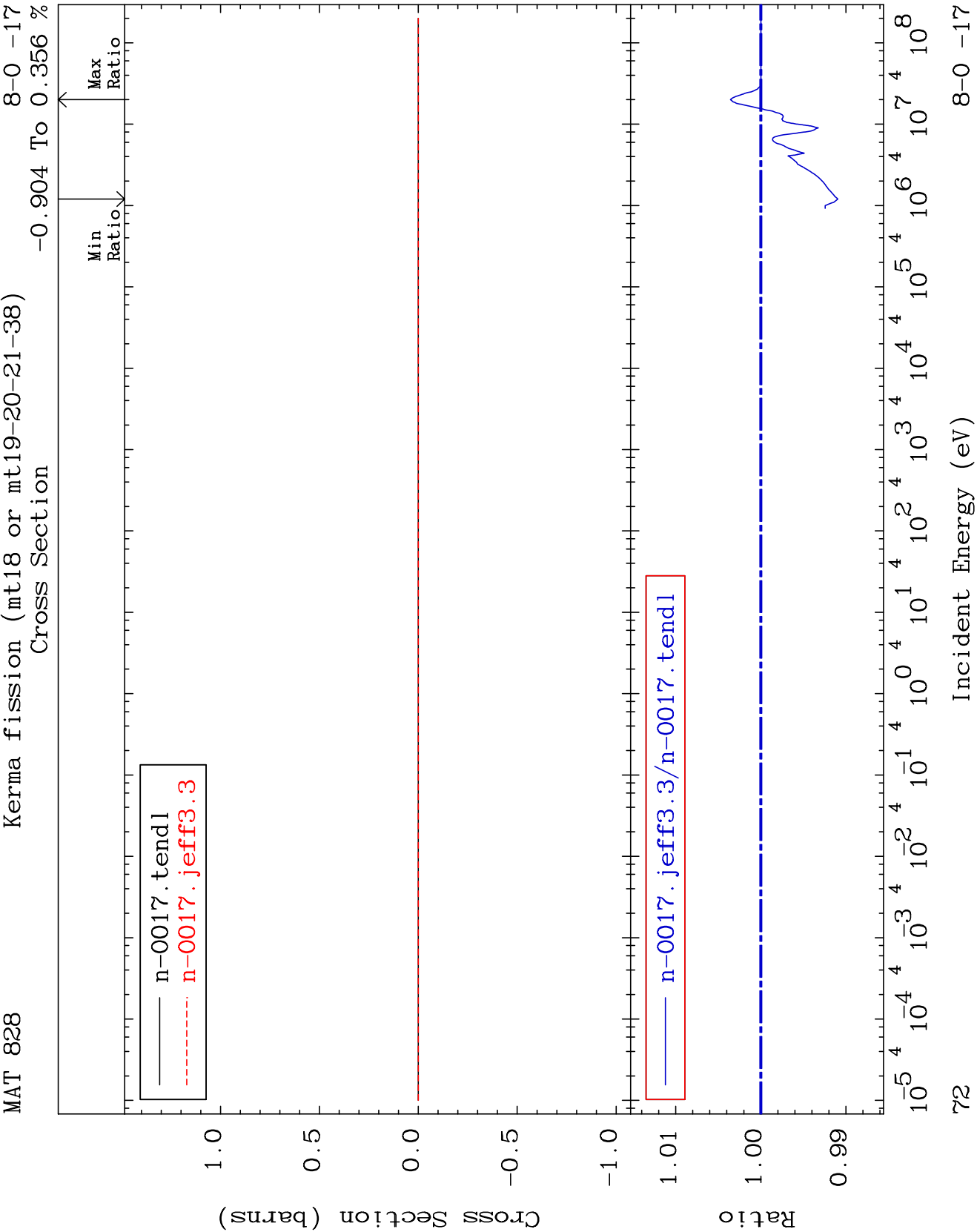
Kerma inelastic (mt51-91)

8-0 -17

Cross Section

-0.904 To 0.356 %





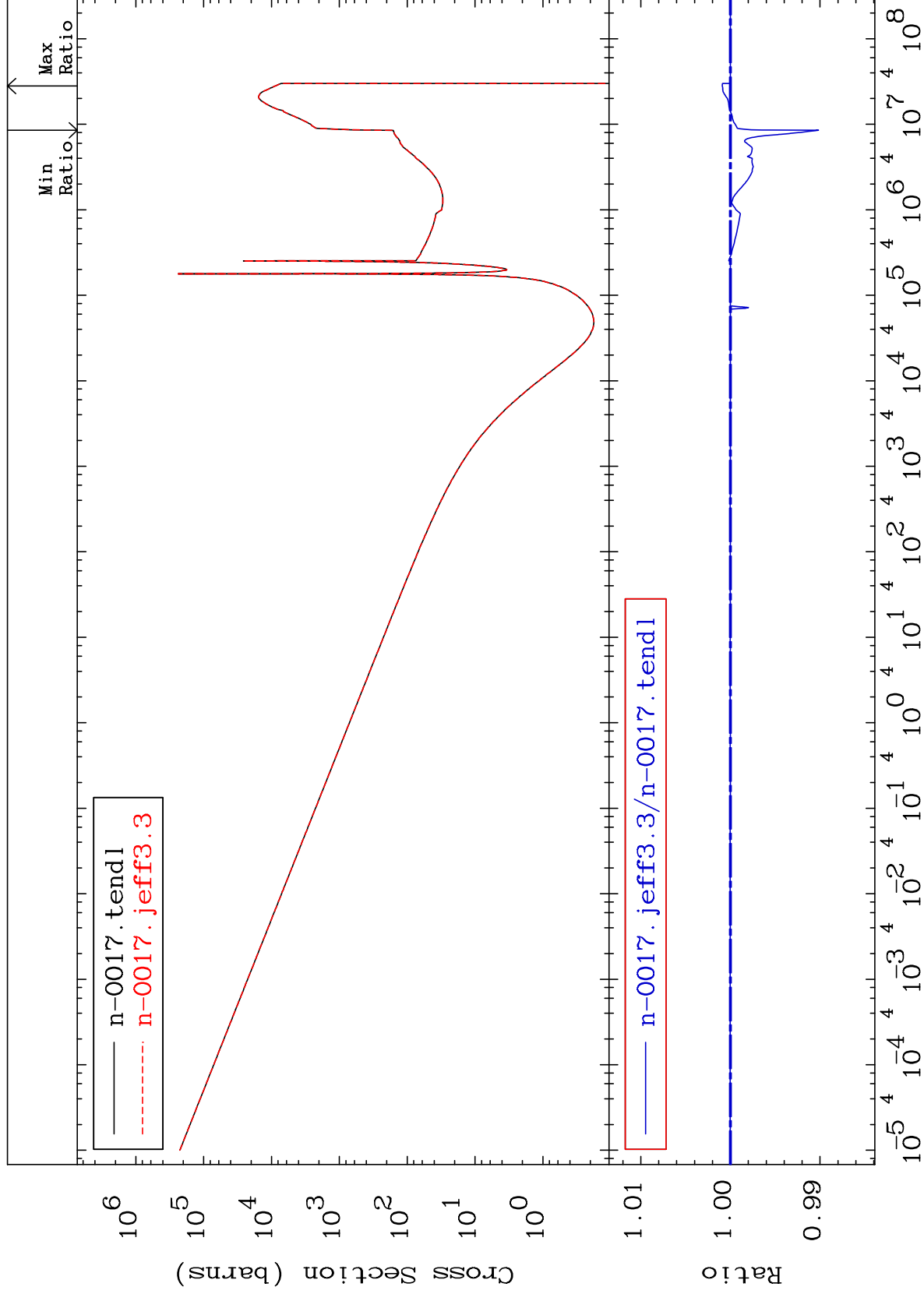
MAT 828

Kerma capture (mt102)

Cross Section

8-0 -17

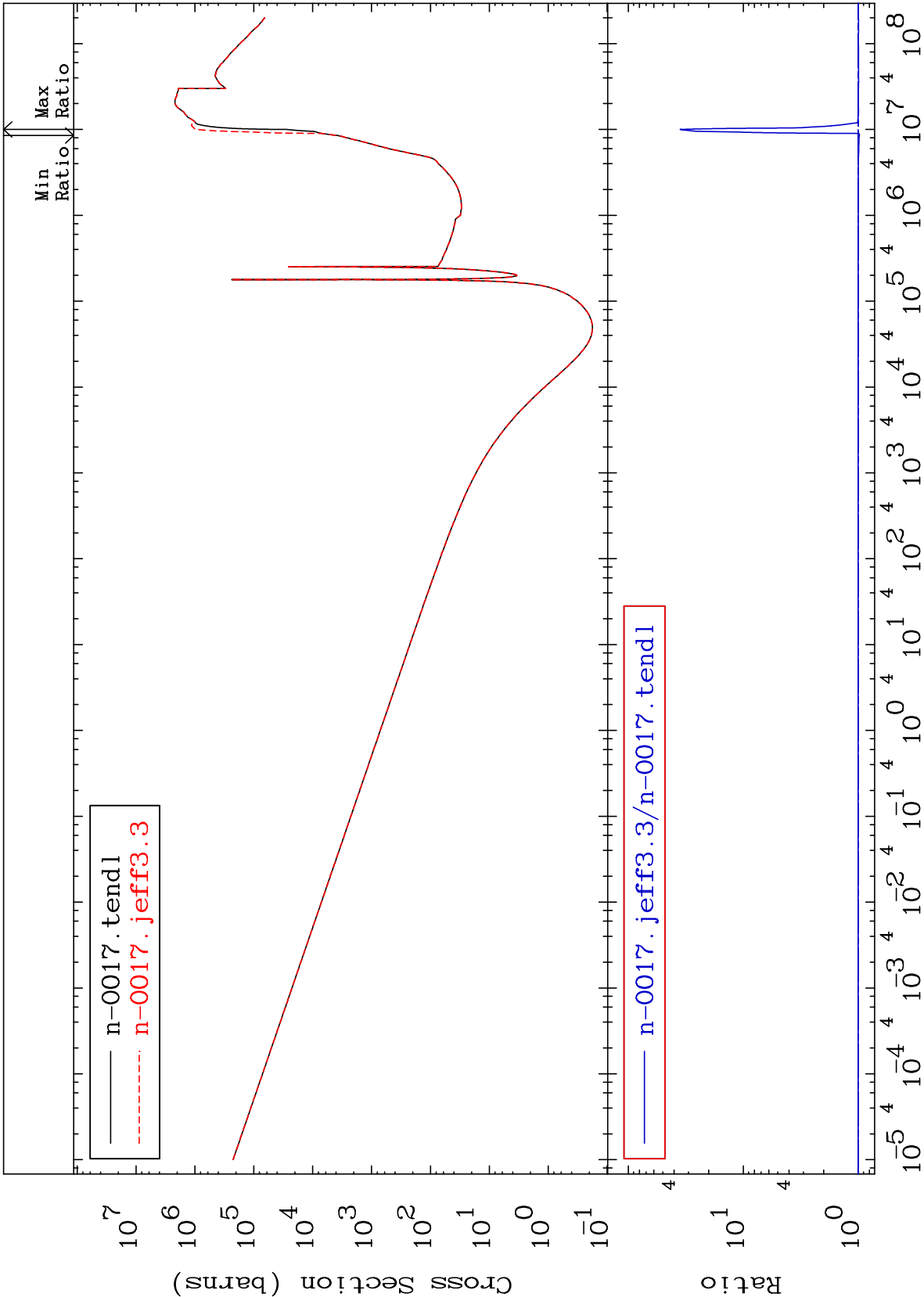
-0.984 To 0.091 %



73

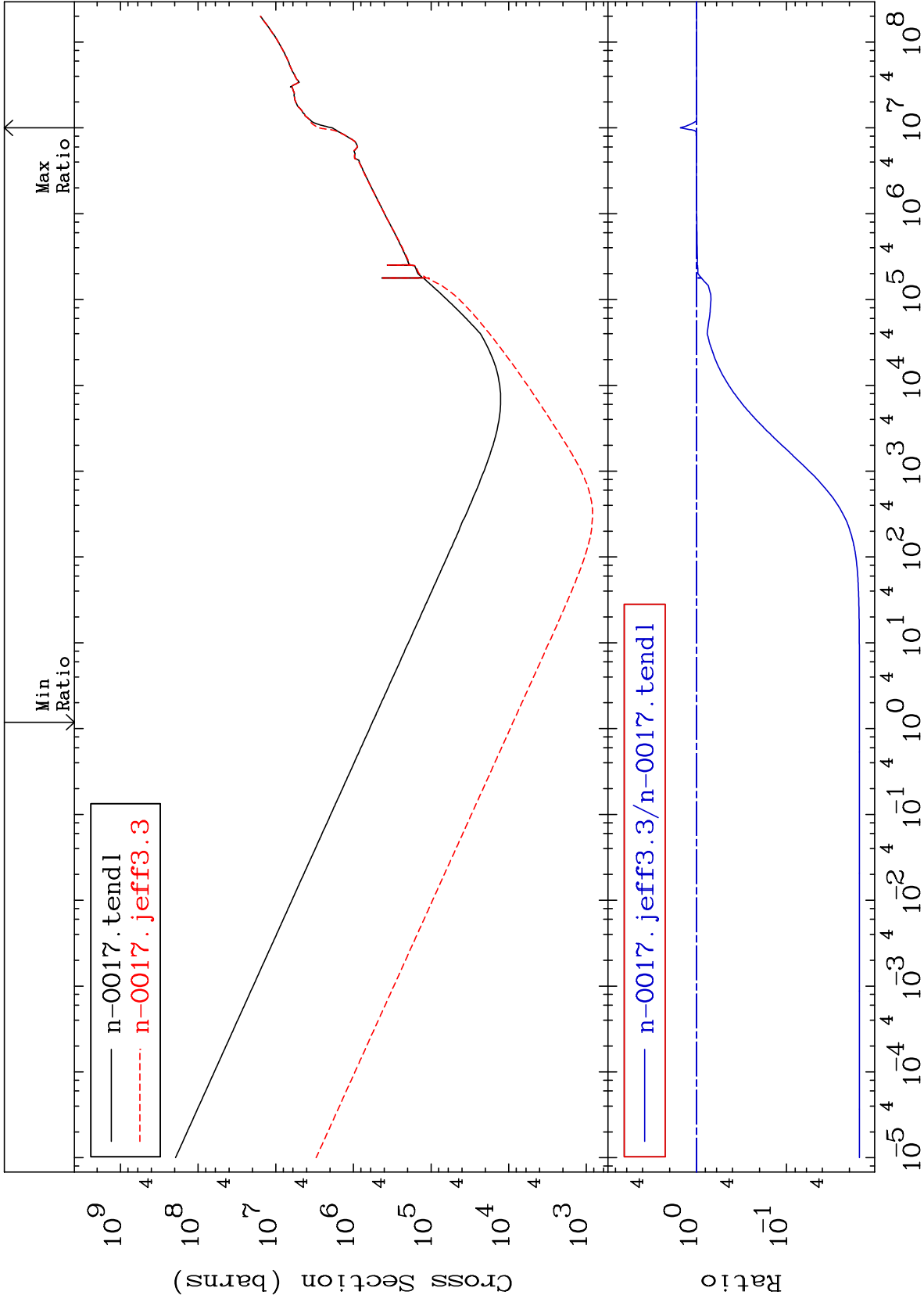
Incident Energy (eV)

8-0 -17



Cross Section

-98.46 To 51.81 %



Incident Energy (eV)

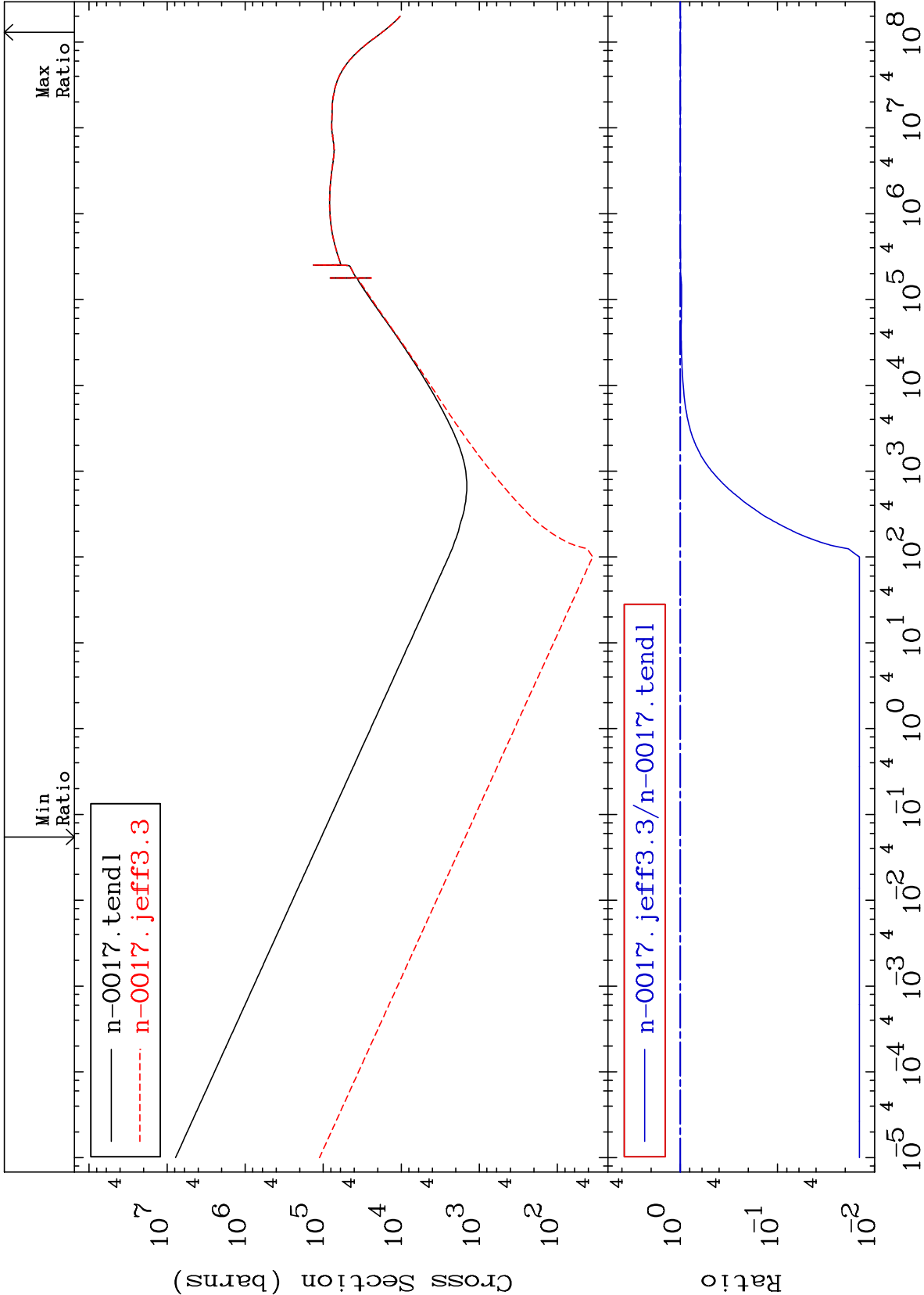
MAT 828

Dpa total (eV-barns)

8-0 -17

Cross Section

-98.57 To 0.042 %



Cross Section

-0.191 To 0.079 %

