

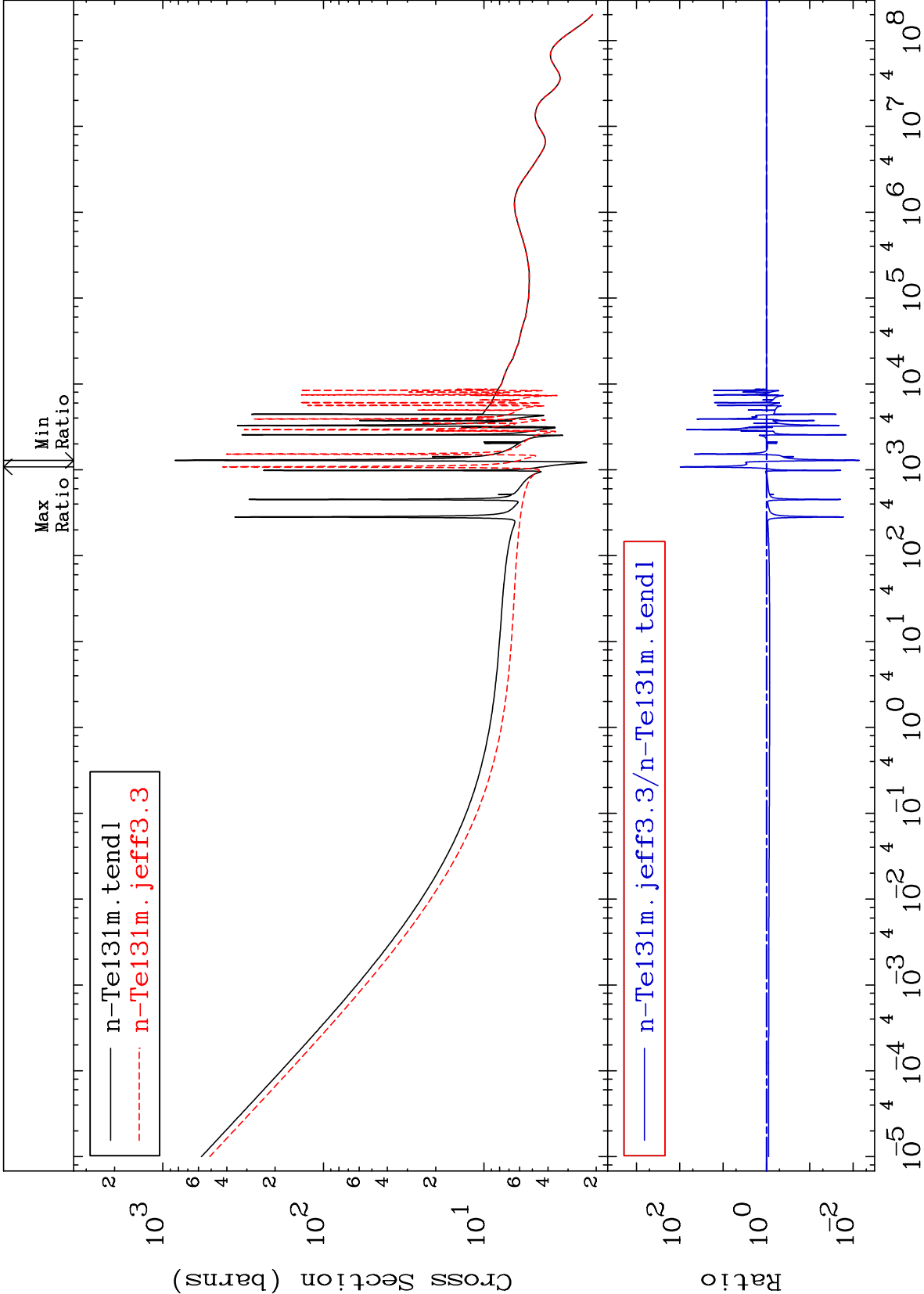
MAT 5259

Total

52-Te-131

Cross Section

-99.28 To 9687. %



Incident Energy (eV)

52-Te-131

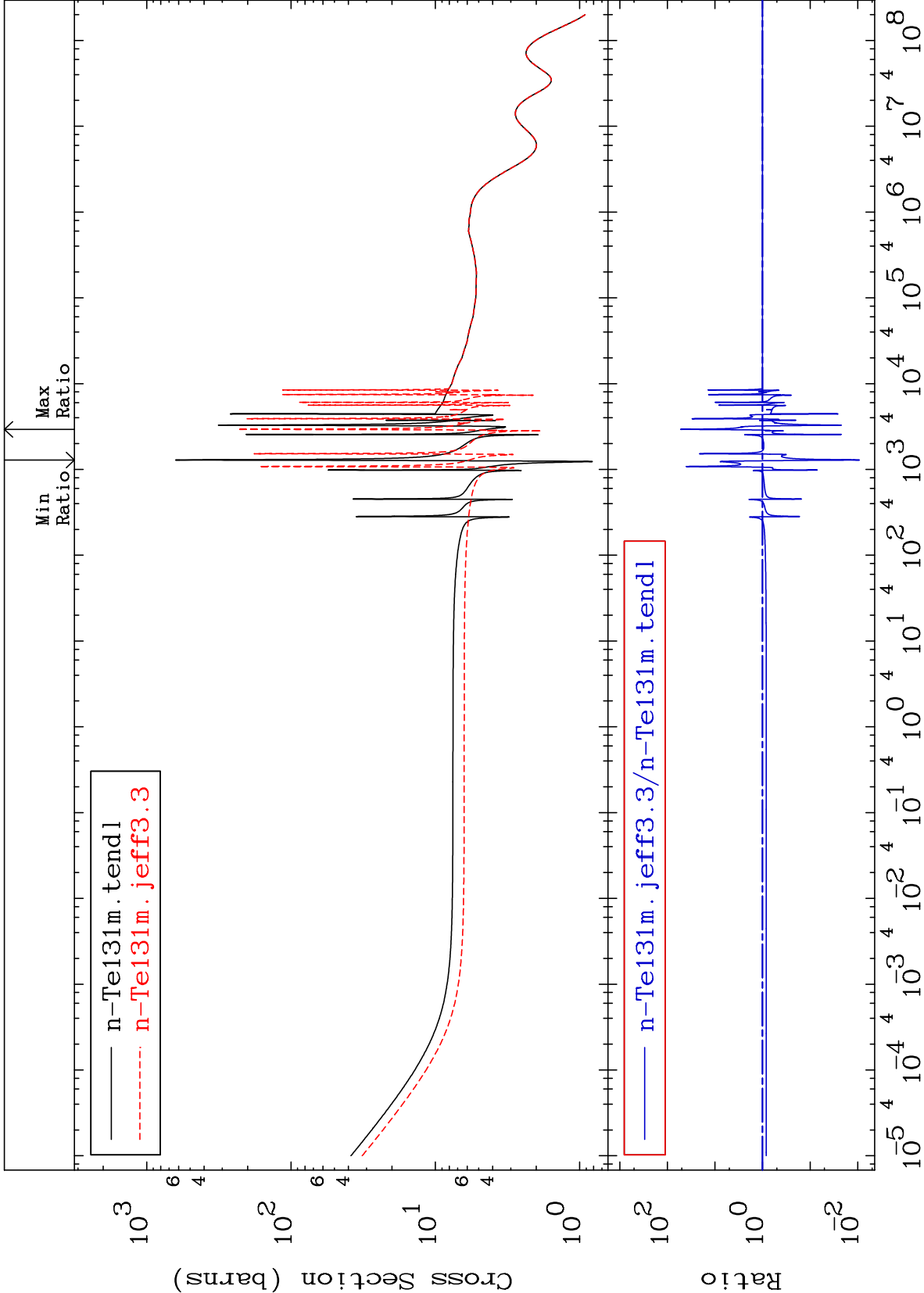
MAT 5259

Elastic

52-Te-131

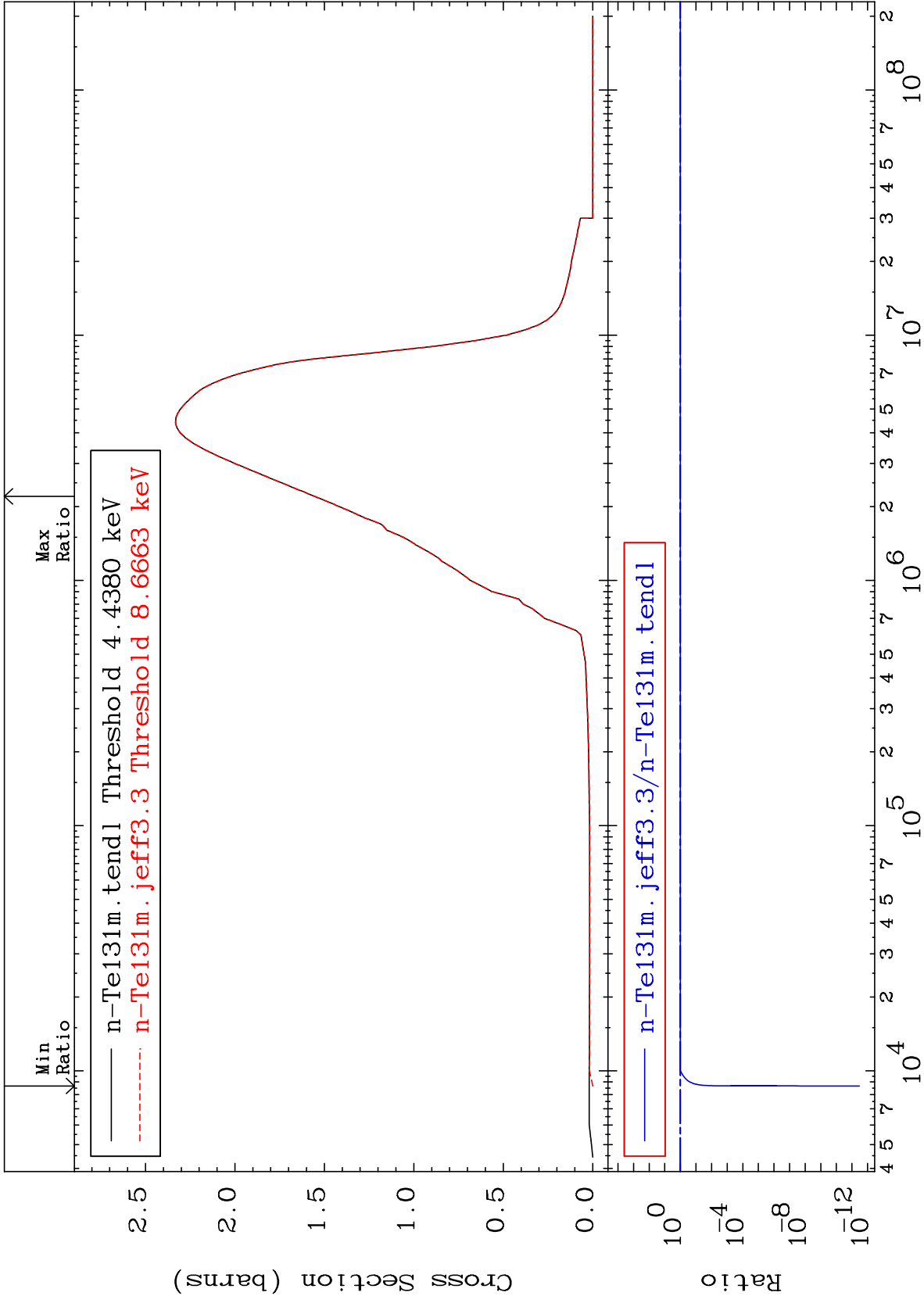
Cross Section

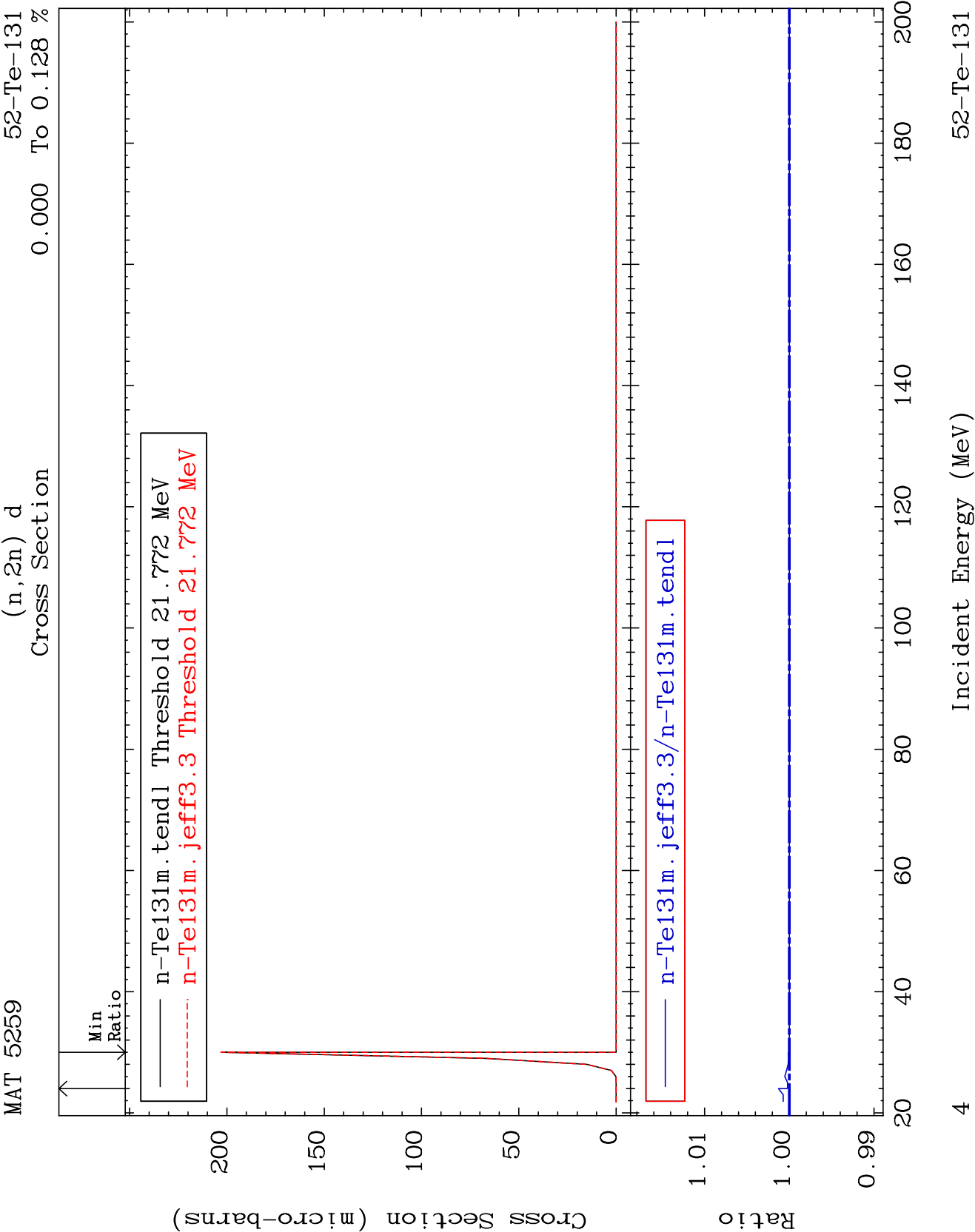
-99.08 To 5231. %



Incident Energy (eV)

52-Te-131





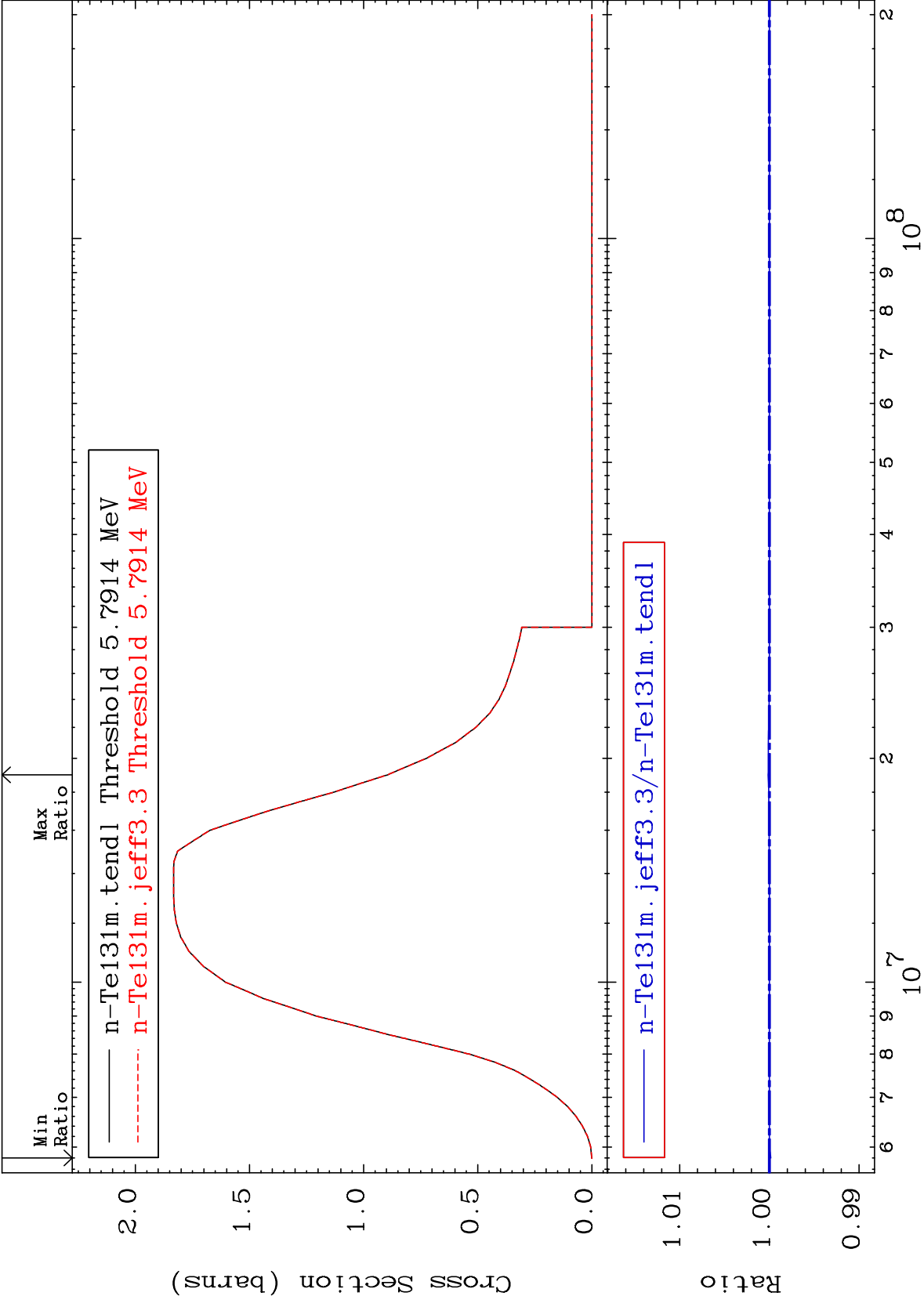
MAT 5259

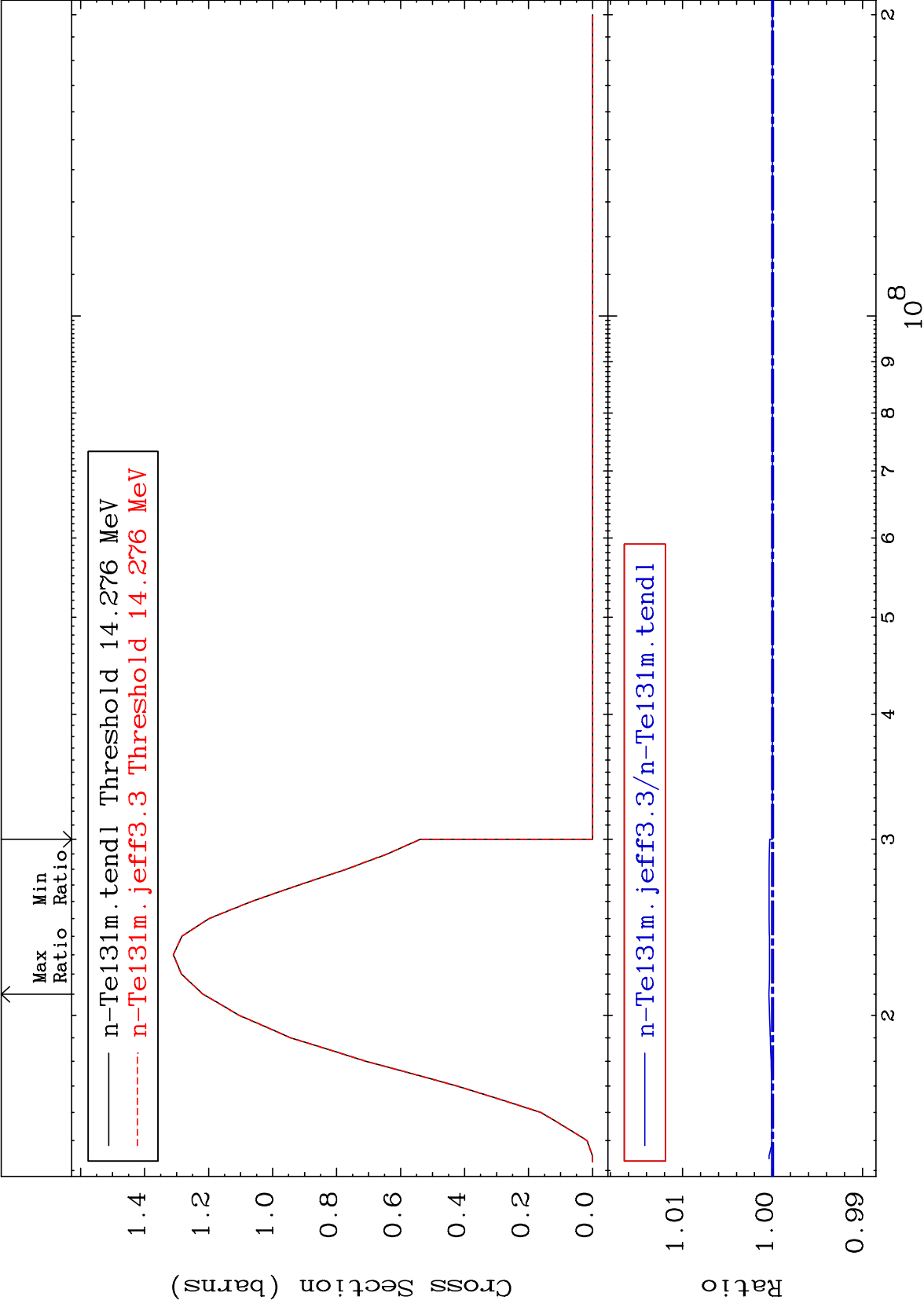
(n,2n)

52-Te-131

Cross Section

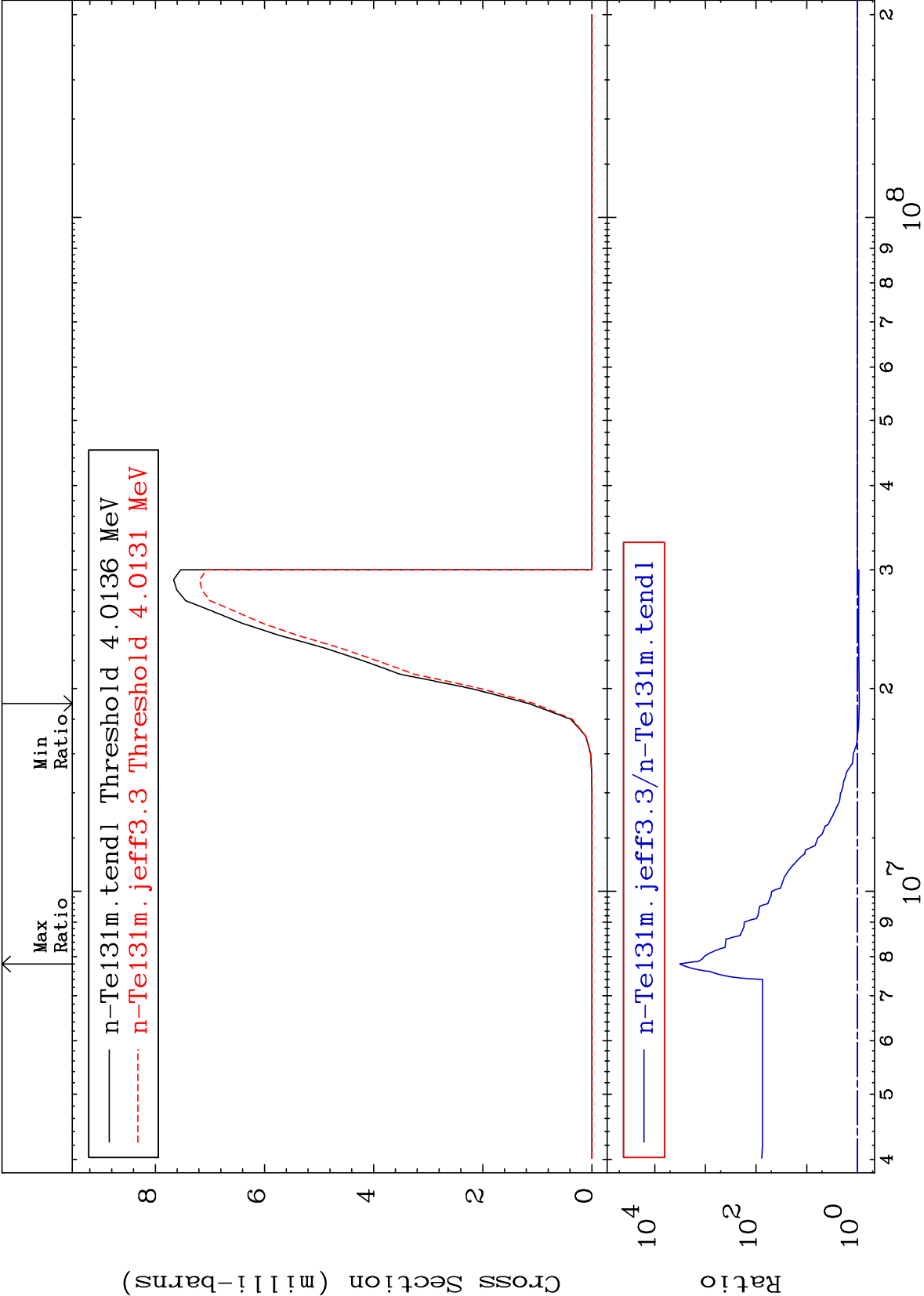
-0.016 To 0.013 %





MAT 5259

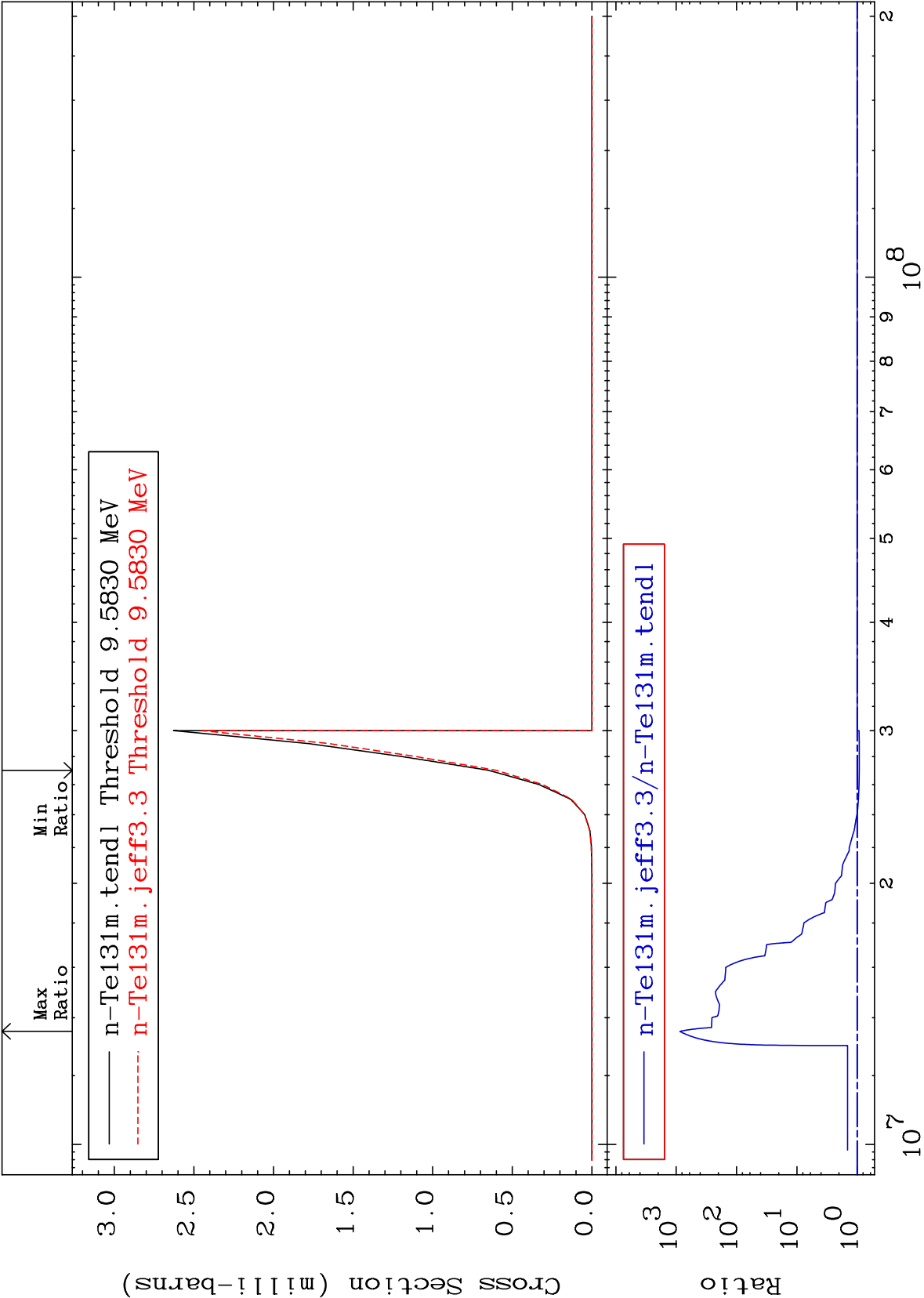
$(n, n') \alpha$
Cross Section
52-Te-131
-8.332 To 9999. %



MAT 5259

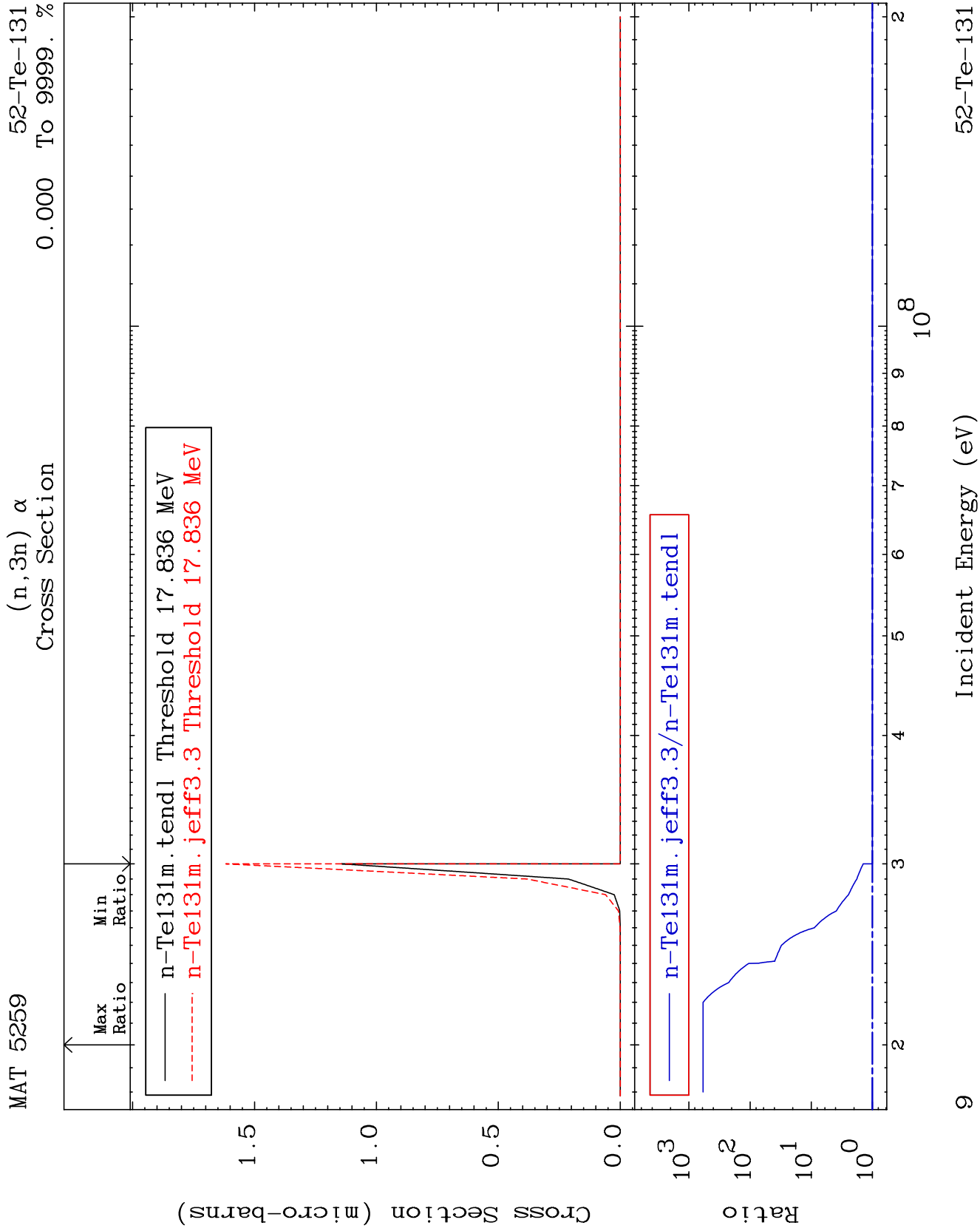
(n,2n) α
Cross Section

52-Te-131
-7.441 To 9999. %



Incident Energy (eV)

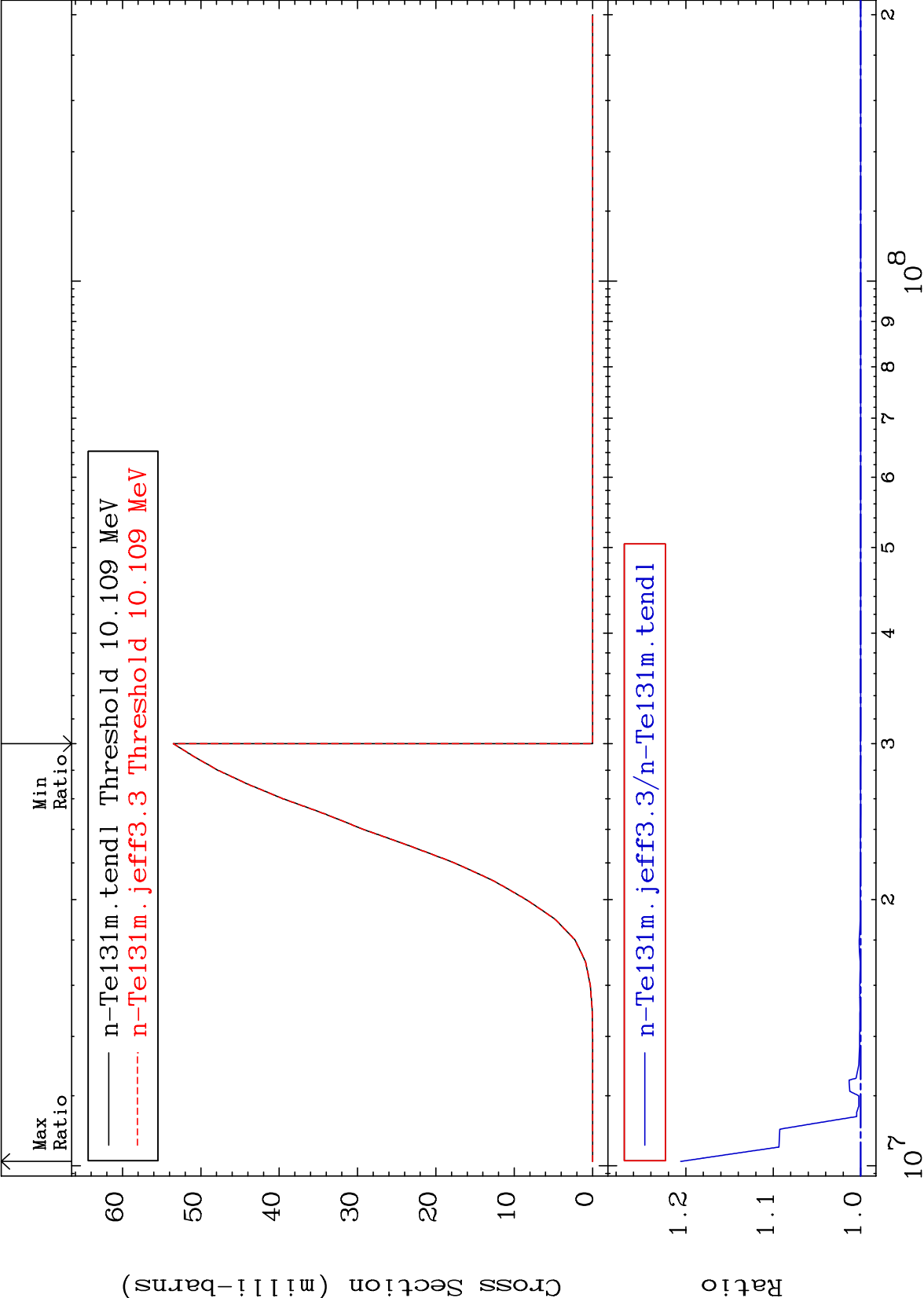
52-Te-131

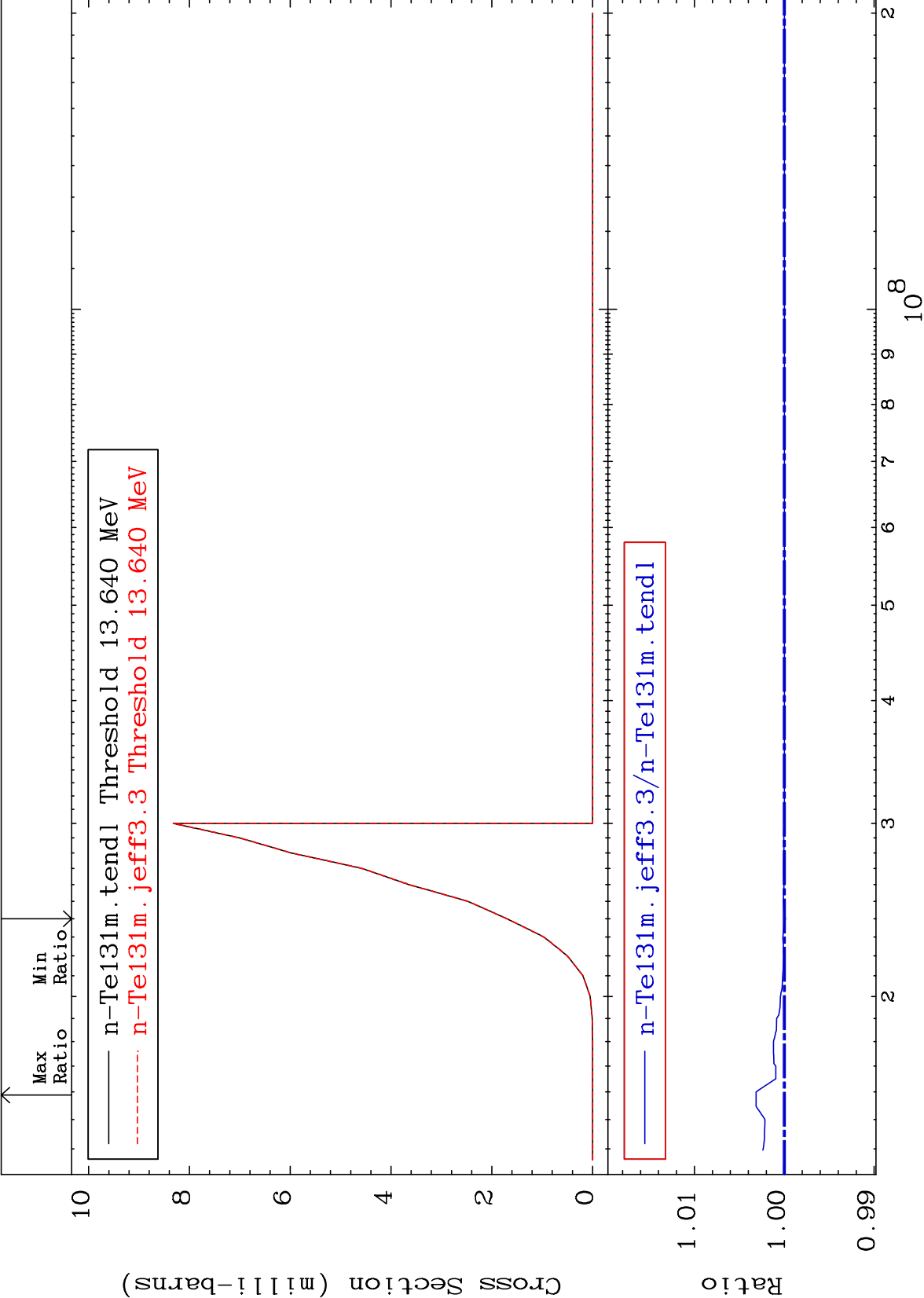


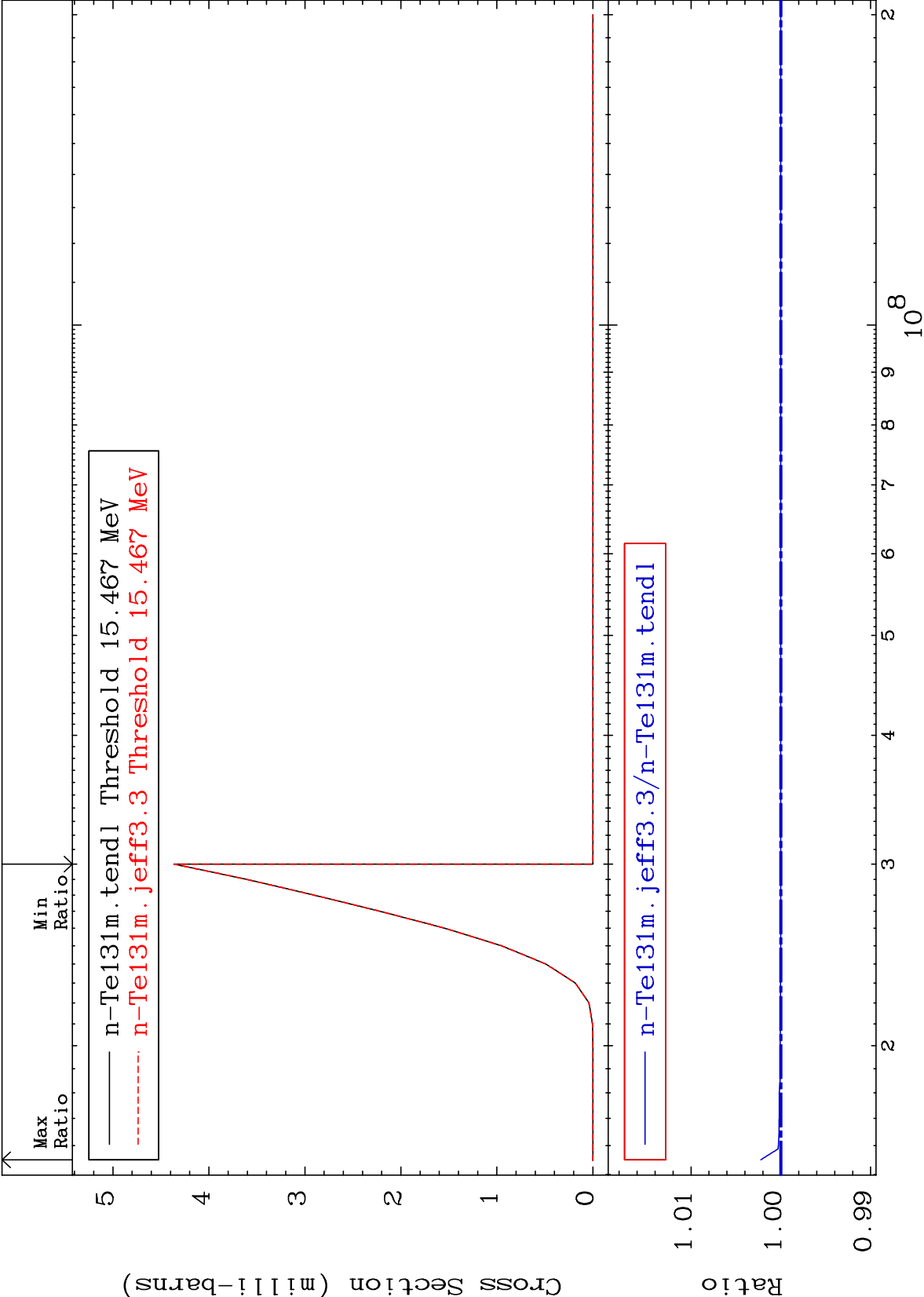
MAT 5259

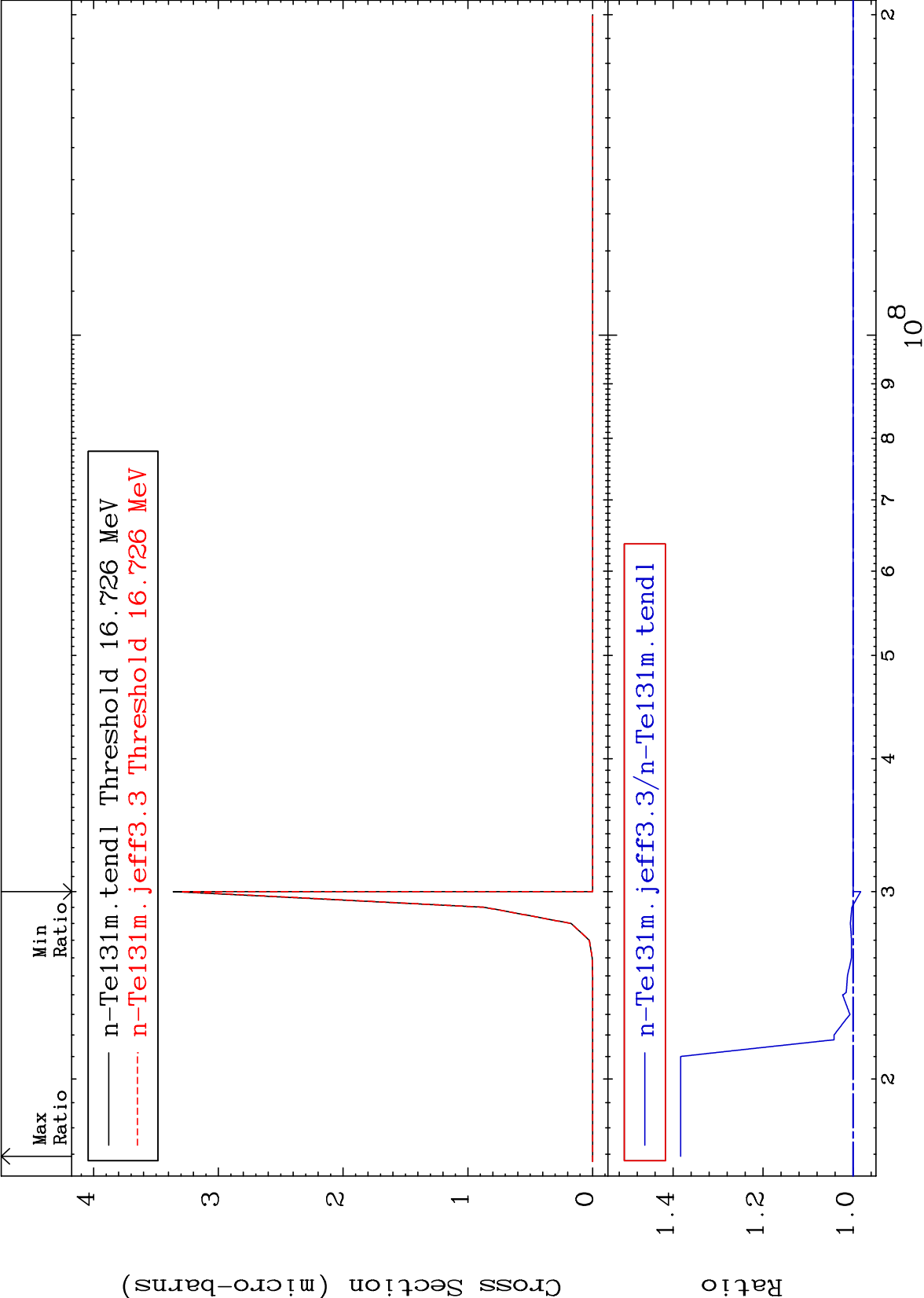
(n,n') p
Cross Section

52-Te-131
0.000 To 20.60 %









MAT 5259

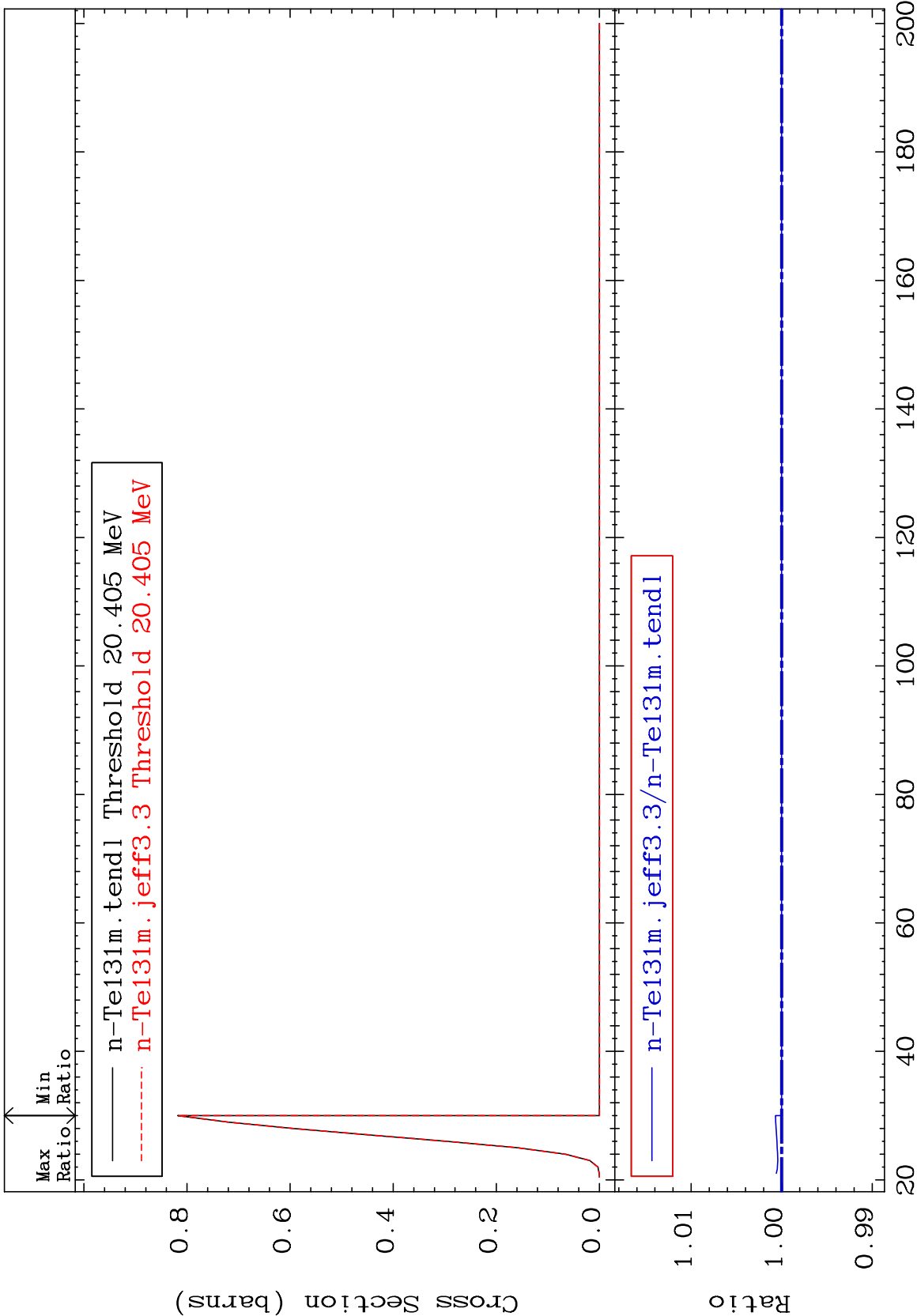
(n,4n)

52-Te-131

Cross Section

0.000

To 0.069 %



14

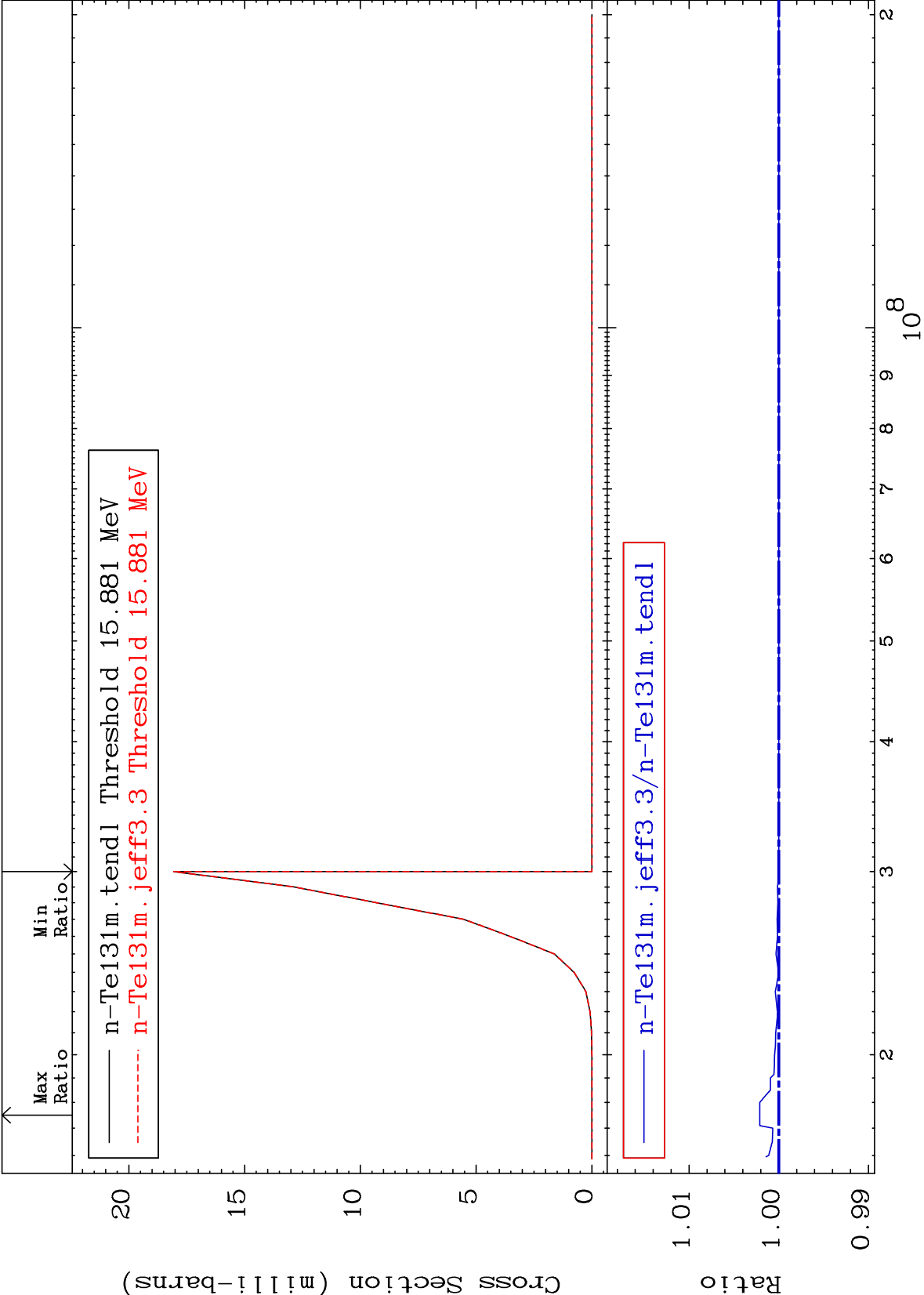
Incident Energy (MeV)

52-Te-131

MAT 5259

(n,2n) p
Cross Section

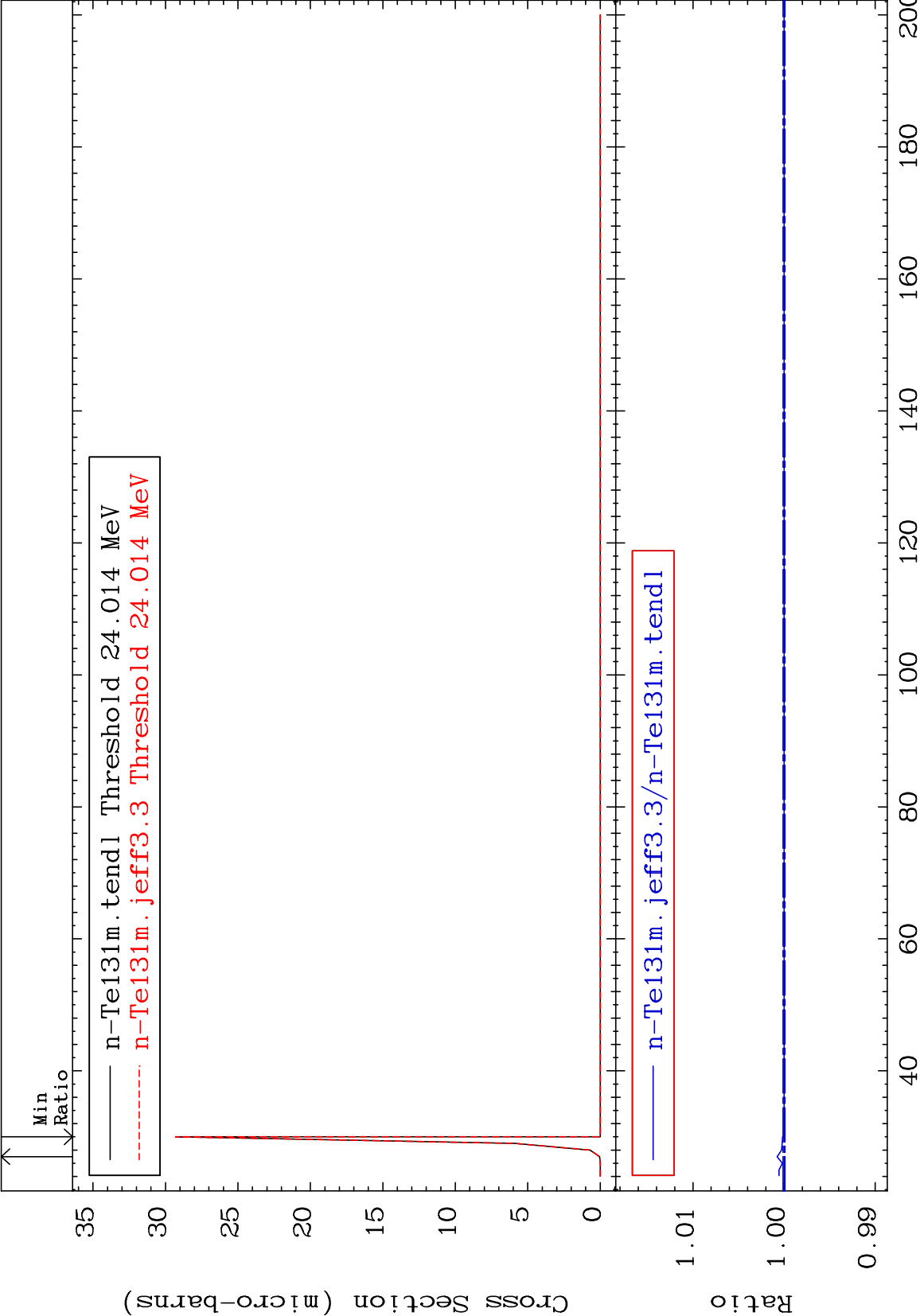
52-Te-131
-0.006 To 0.212 %



MAT 5259

(n,3n) p
Cross Section

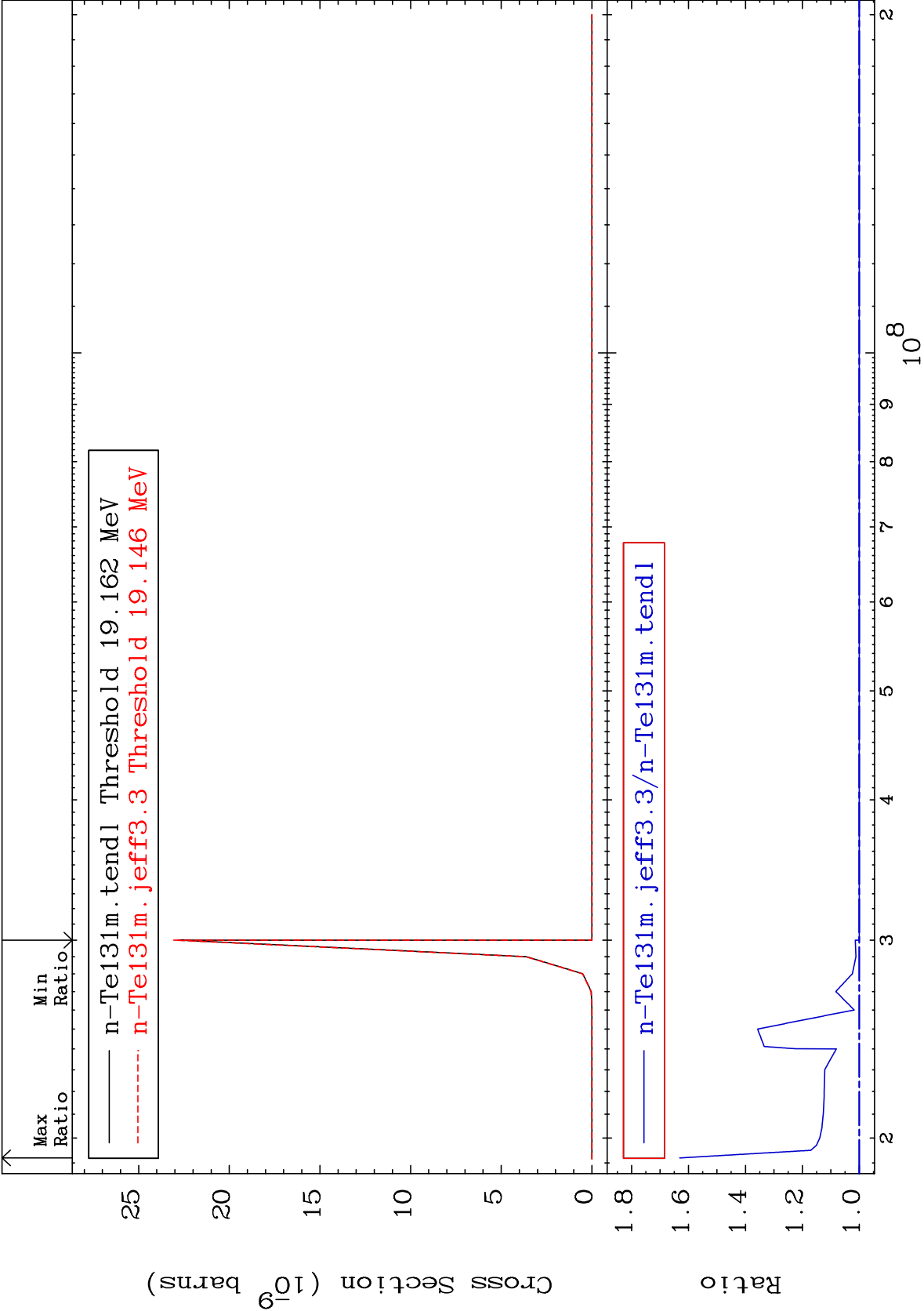
52-Te-131
0.000 To 0.075 %

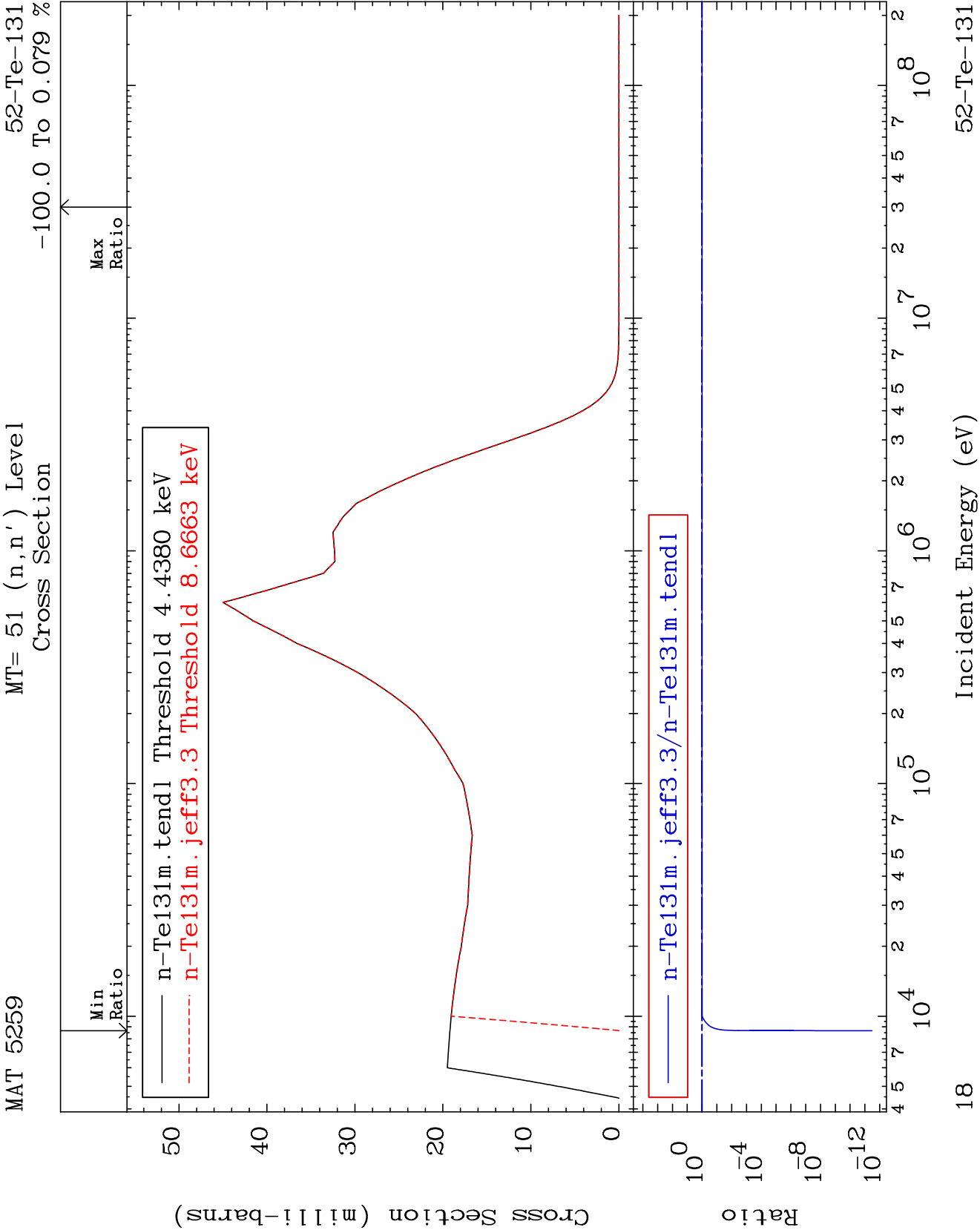


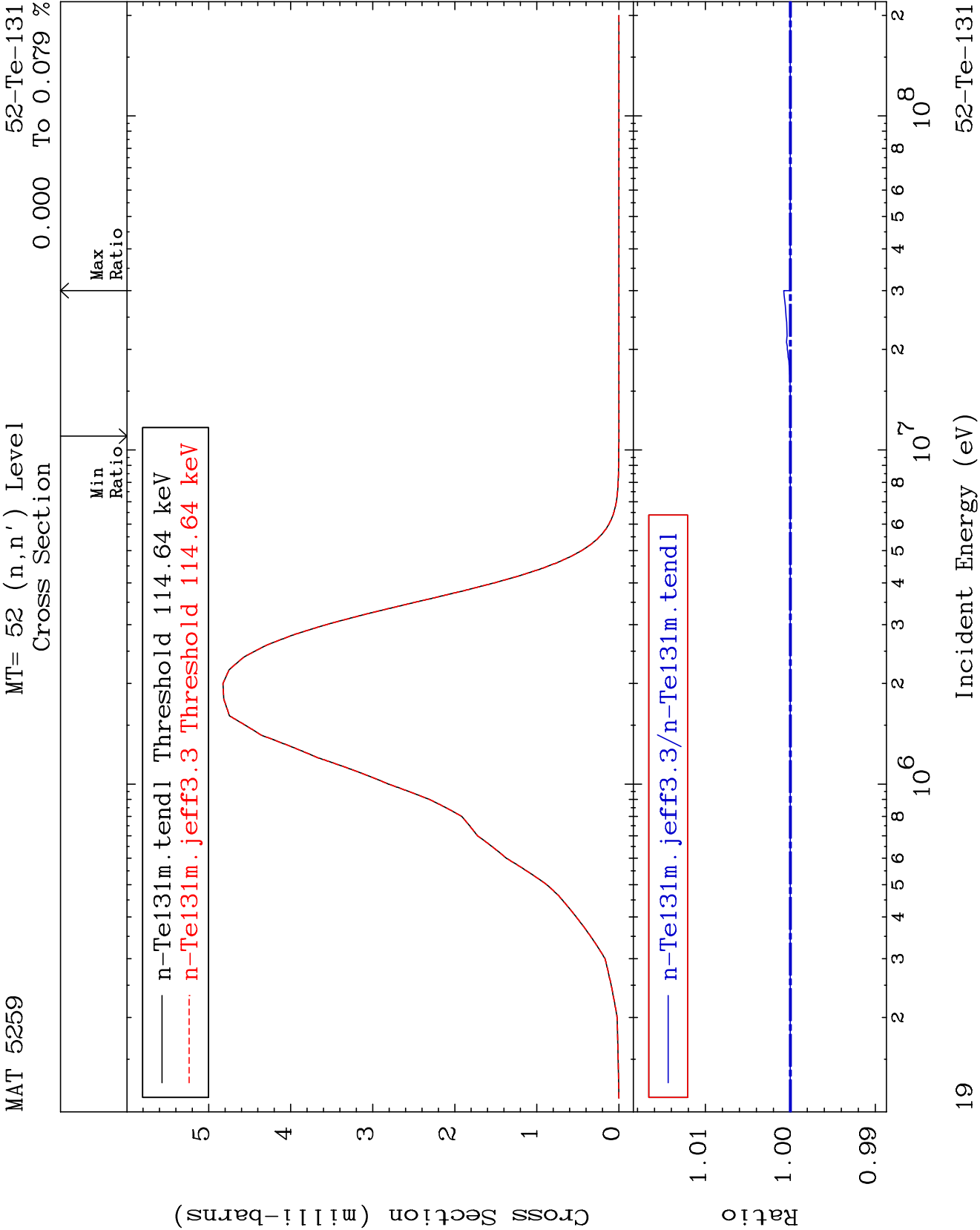
MAT 5259

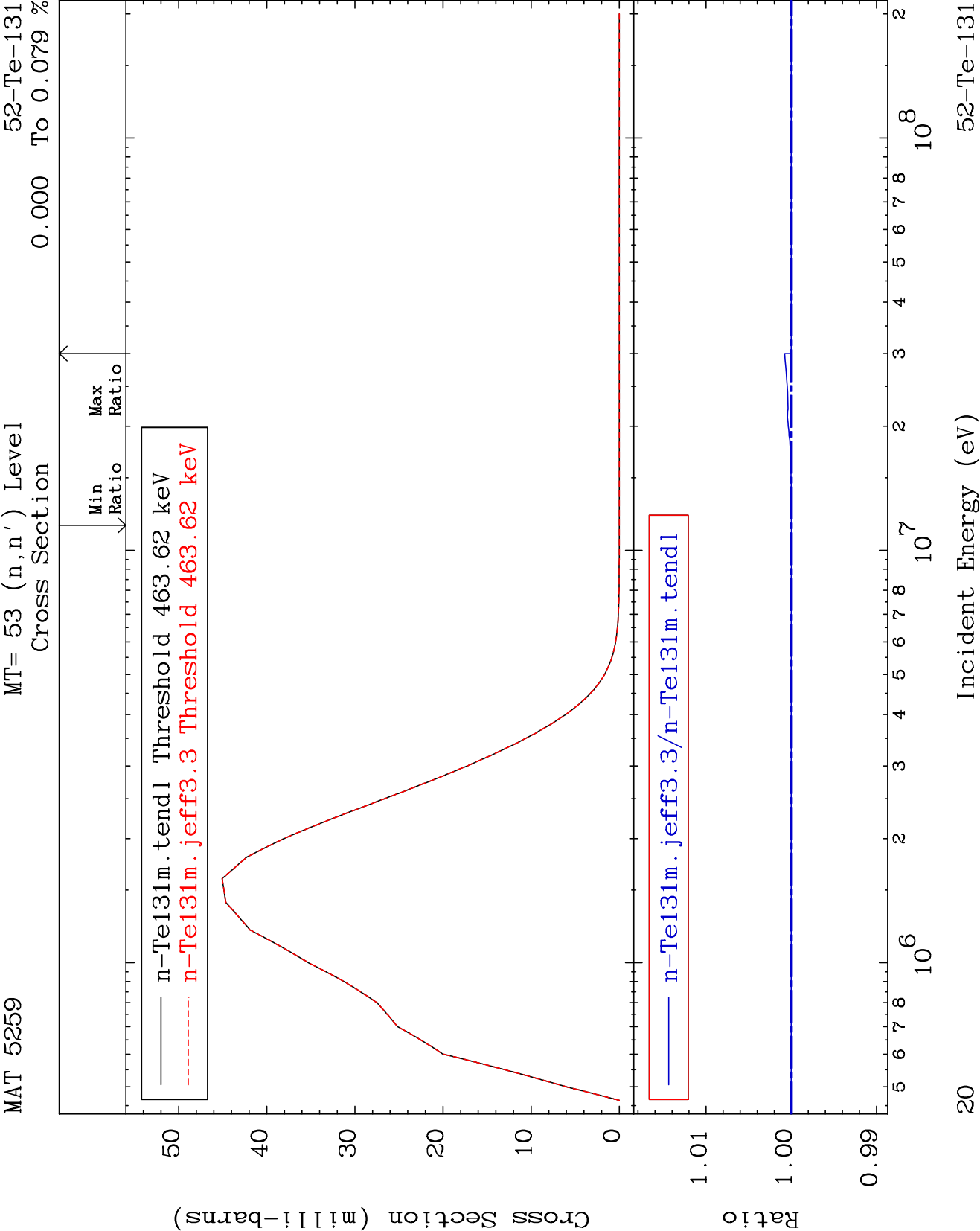
(n,2n) p
Cross Section

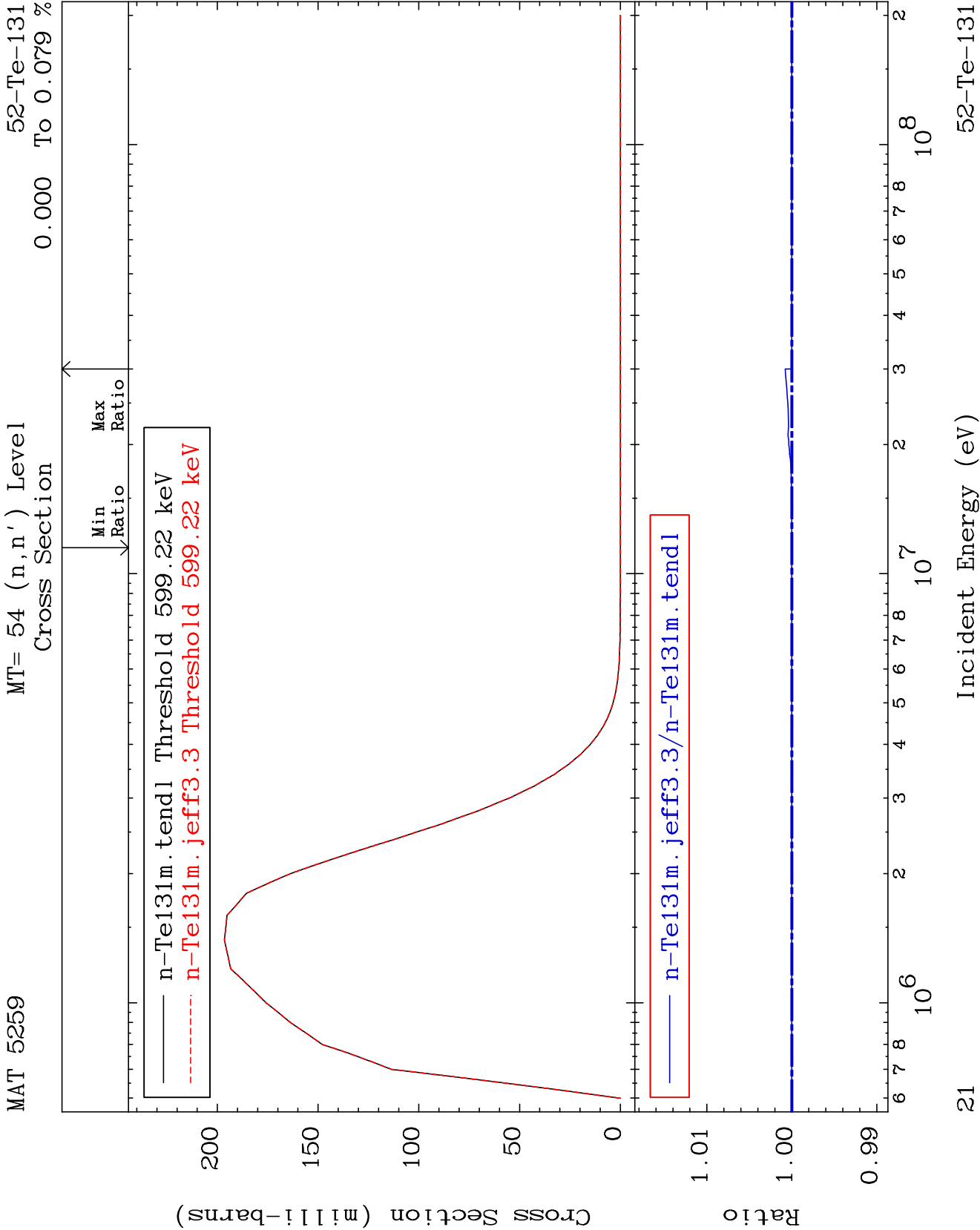
52-Te-131
0.000 To 63.09 %

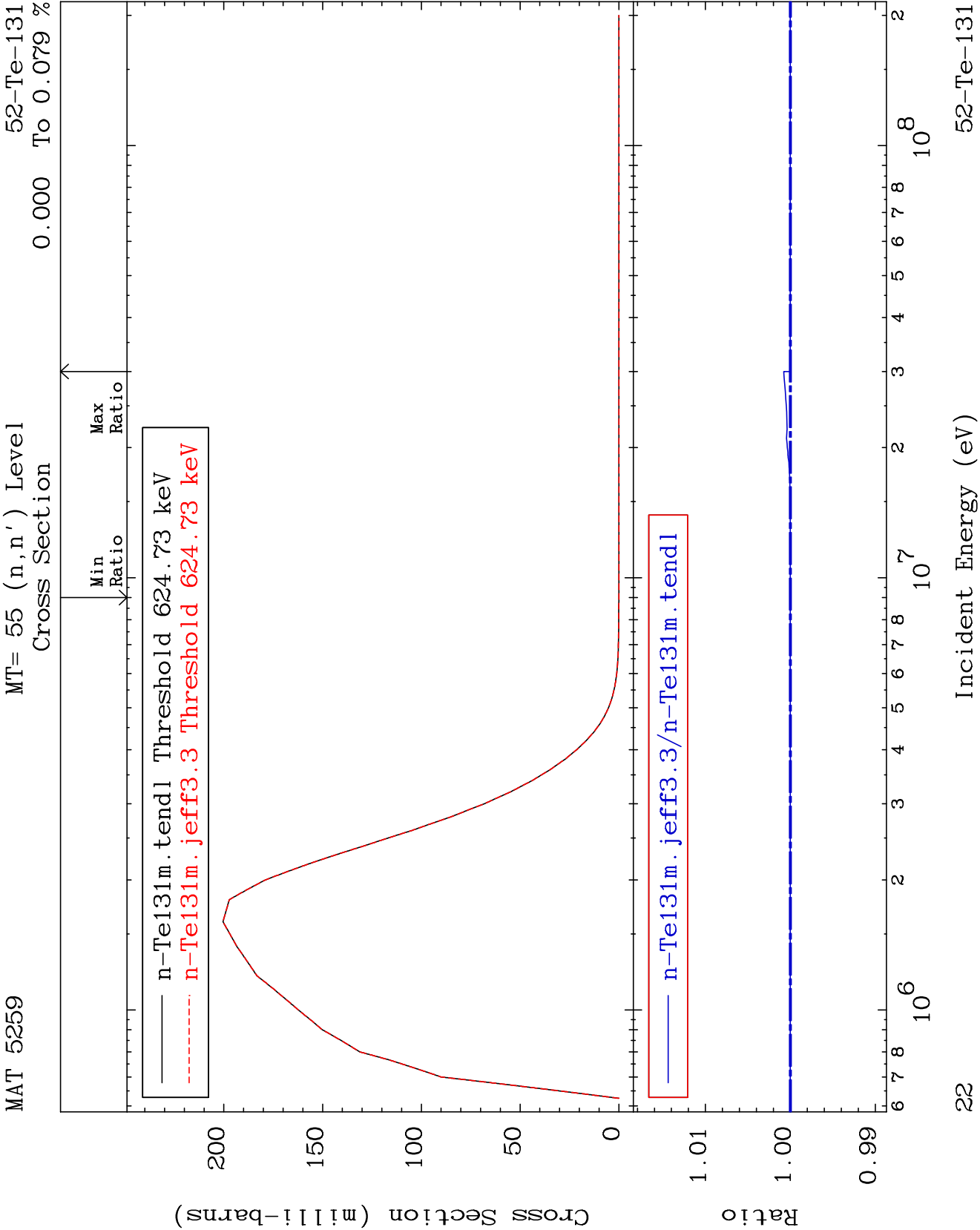












MAT 5259

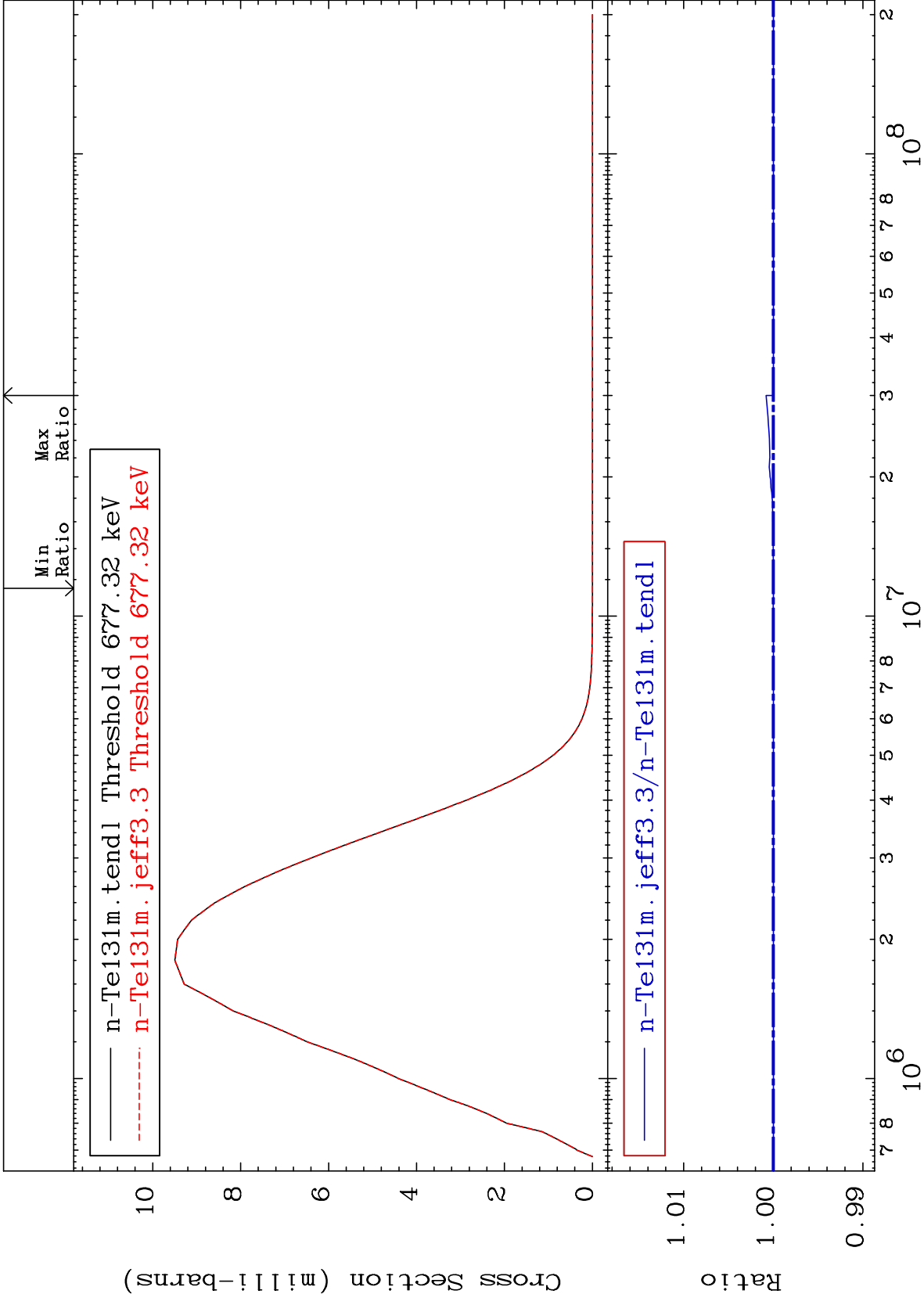
MT= 56 (n,n') Level

52-Te-131

Cross Section

0.000

To 0.079 %



MAT 5259

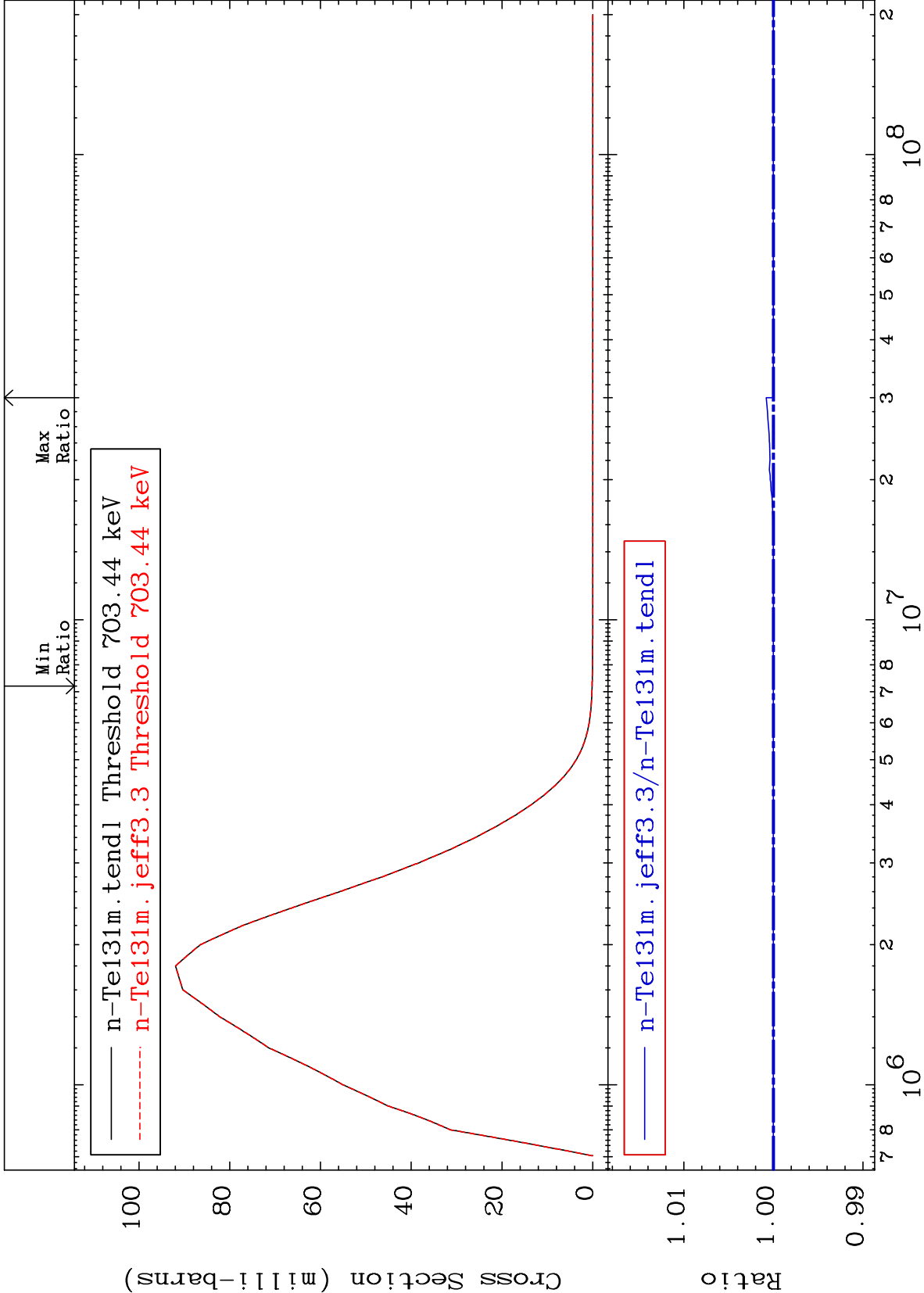
MT= 57 (n,n') Level

52-Te-131

Cross Section

0.000

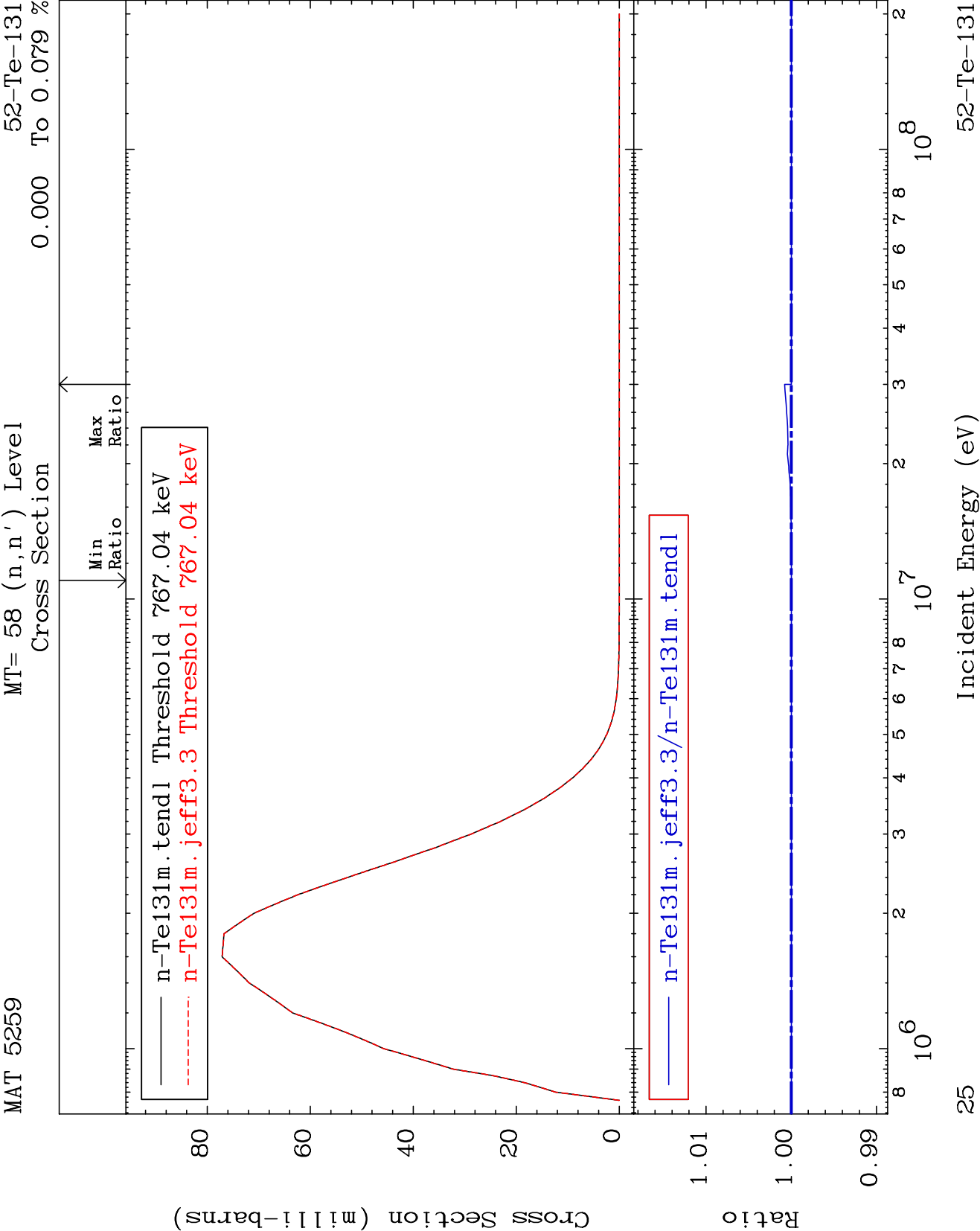
To 0.079 %

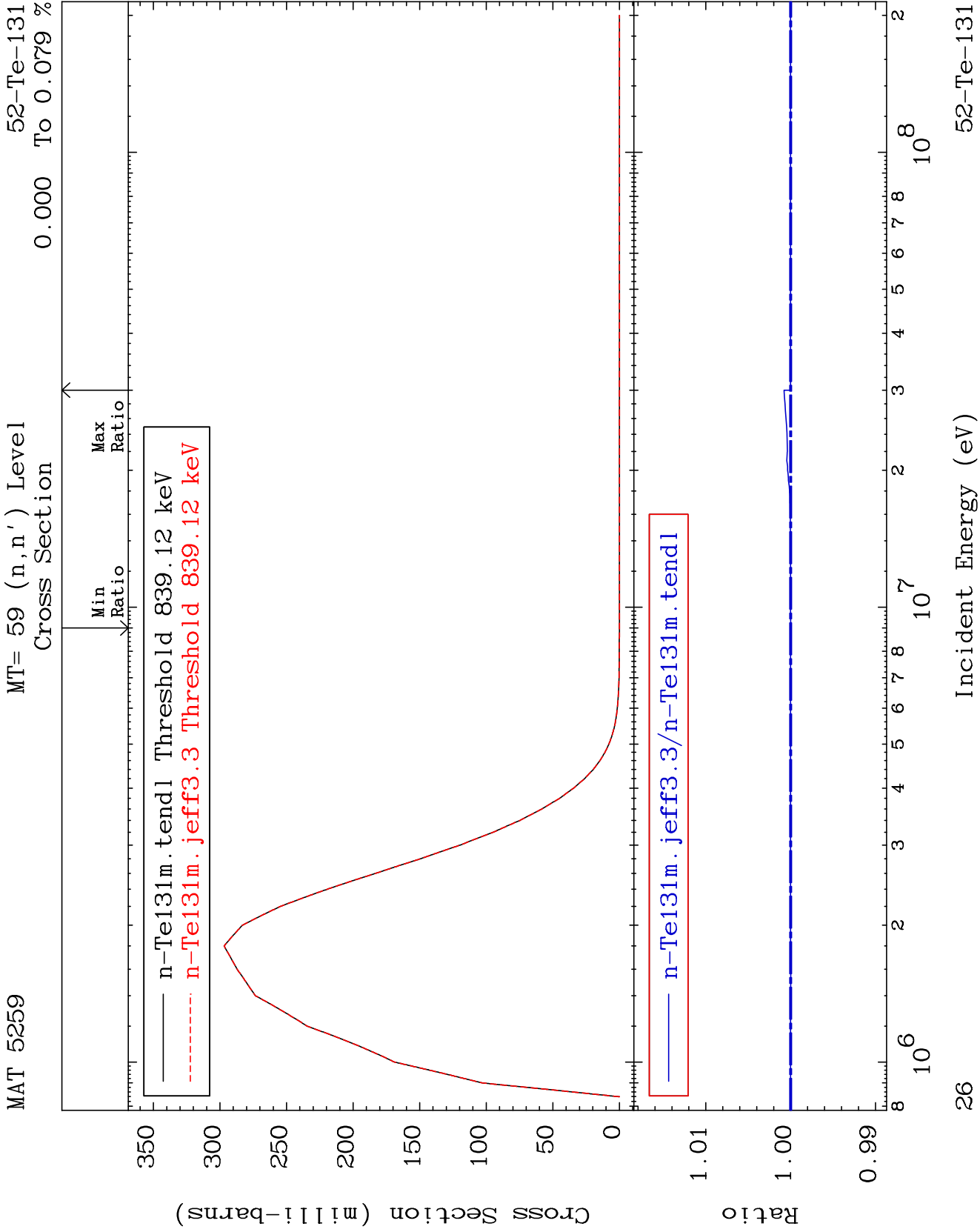


24

Incident Energy (eV)

52-Te-131





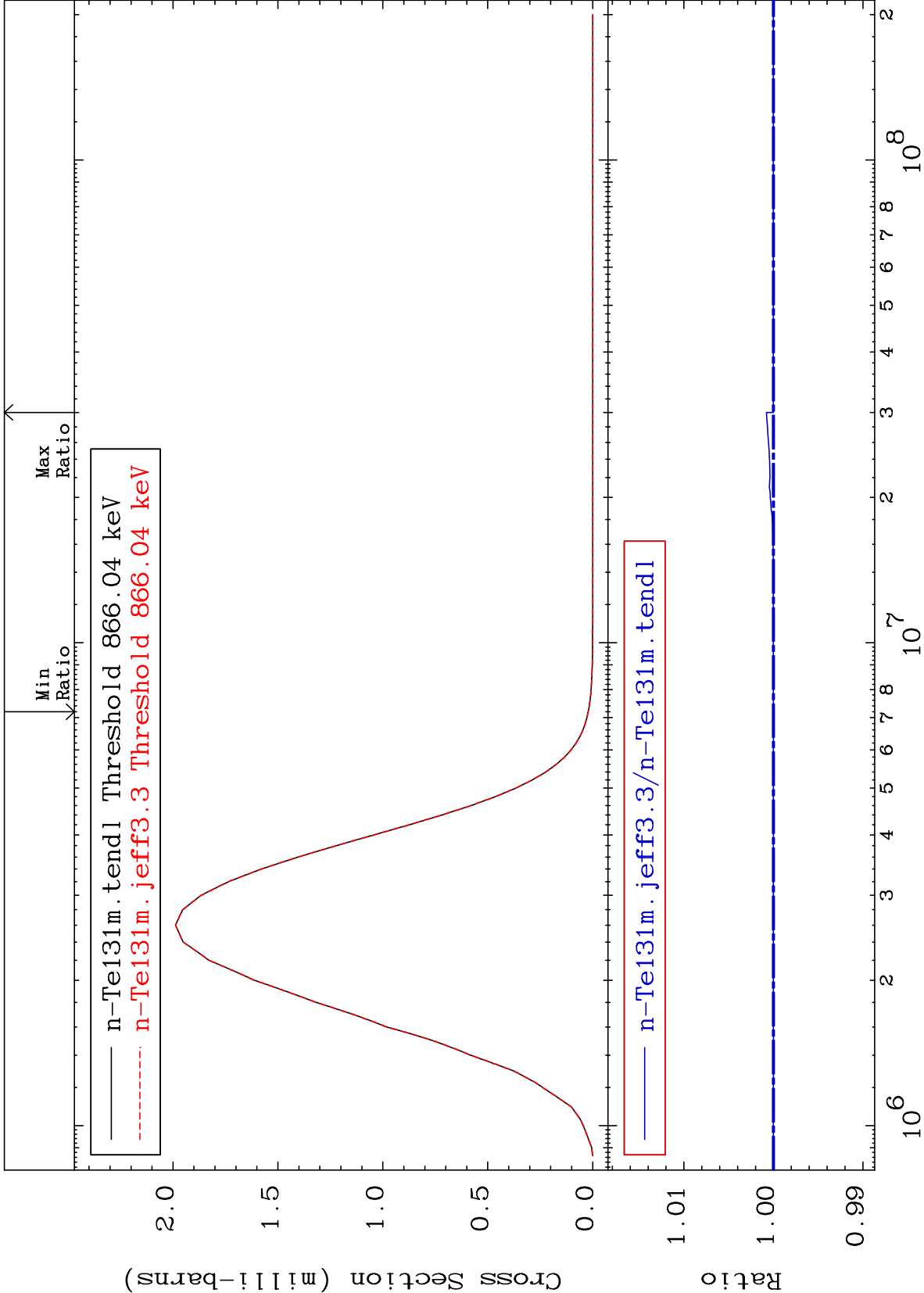
MAT 5259

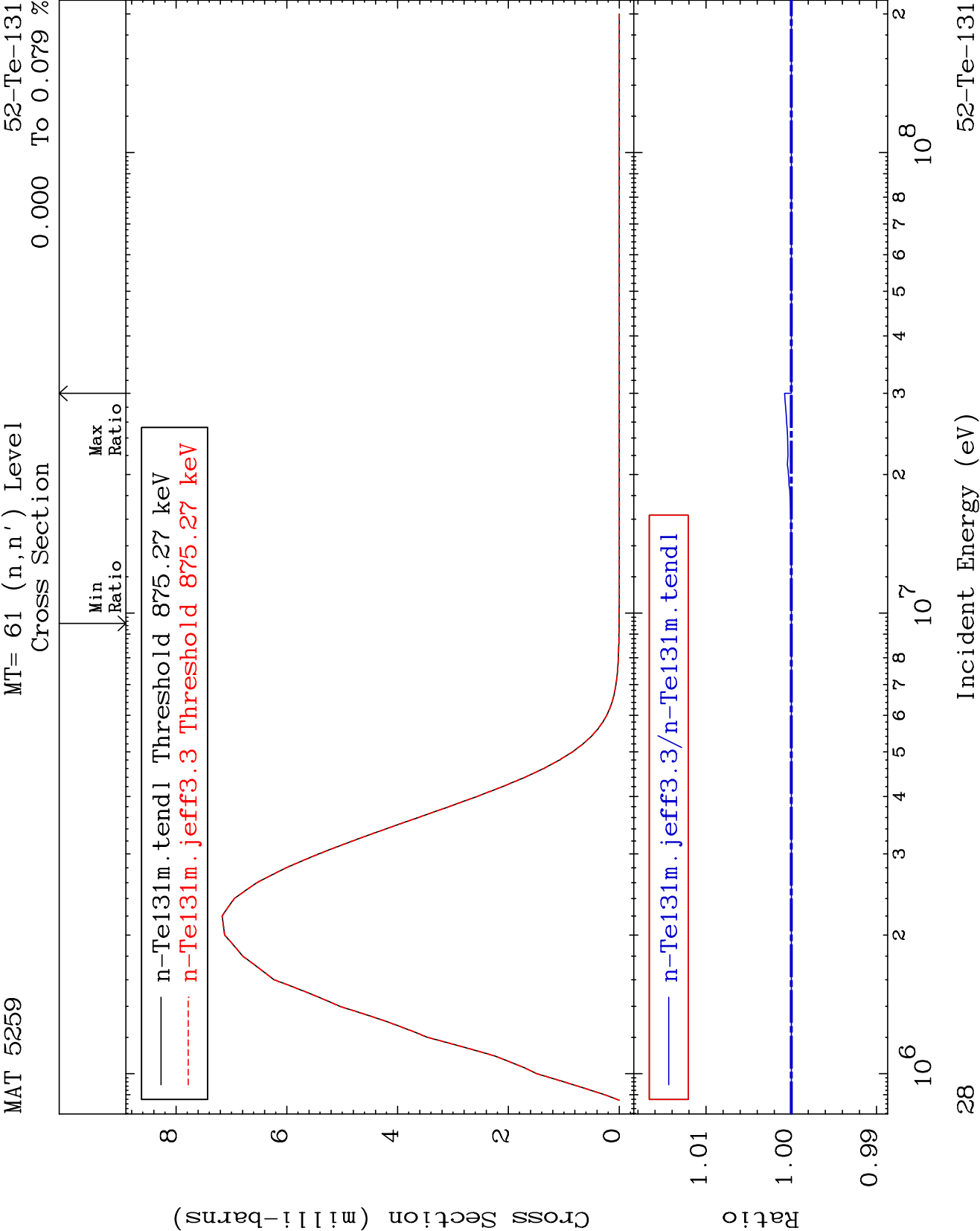
MT= 60 (n,n') Level

52-Te-131

Cross Section

0.000 To 0.079 %

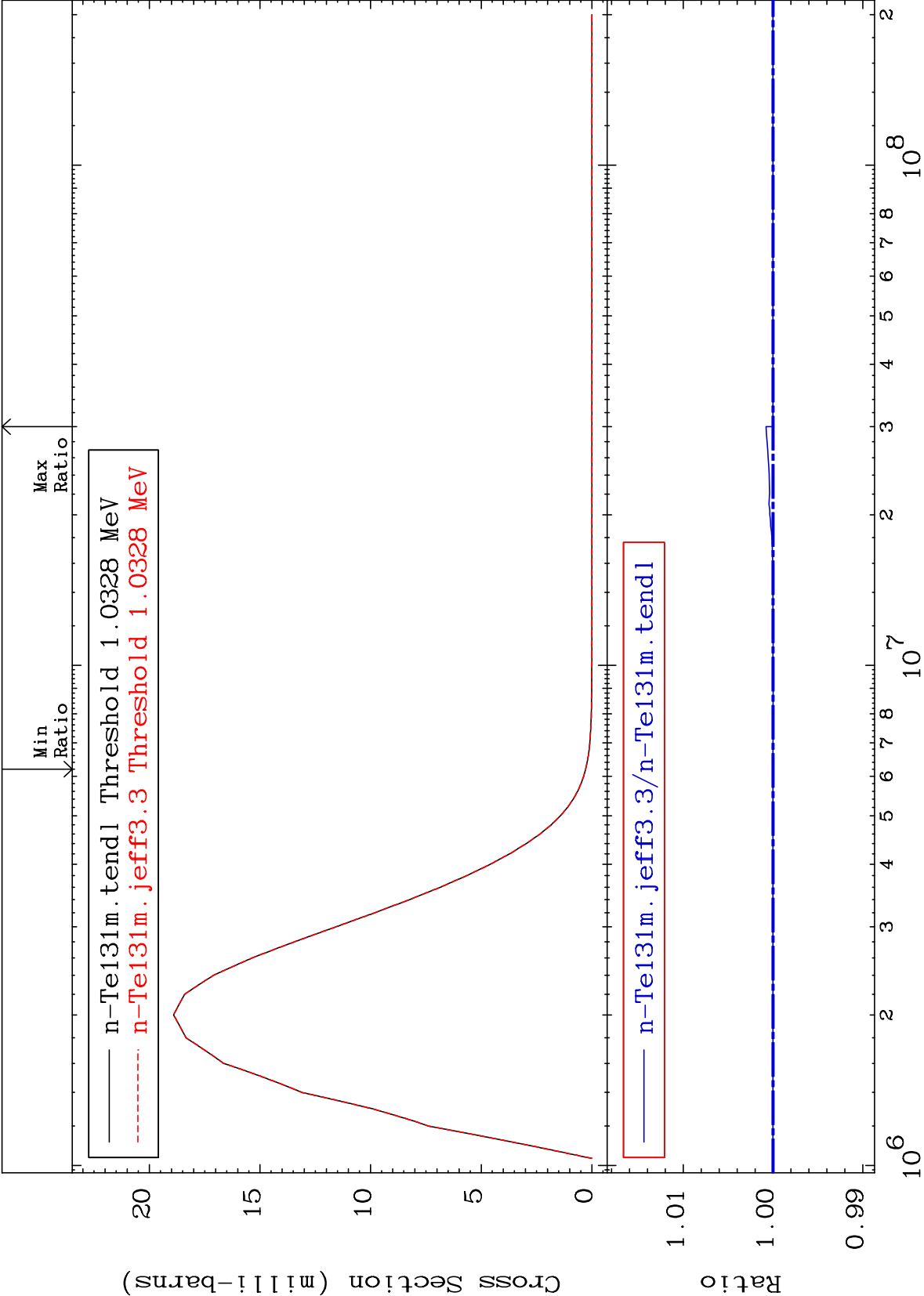




MAT 5259

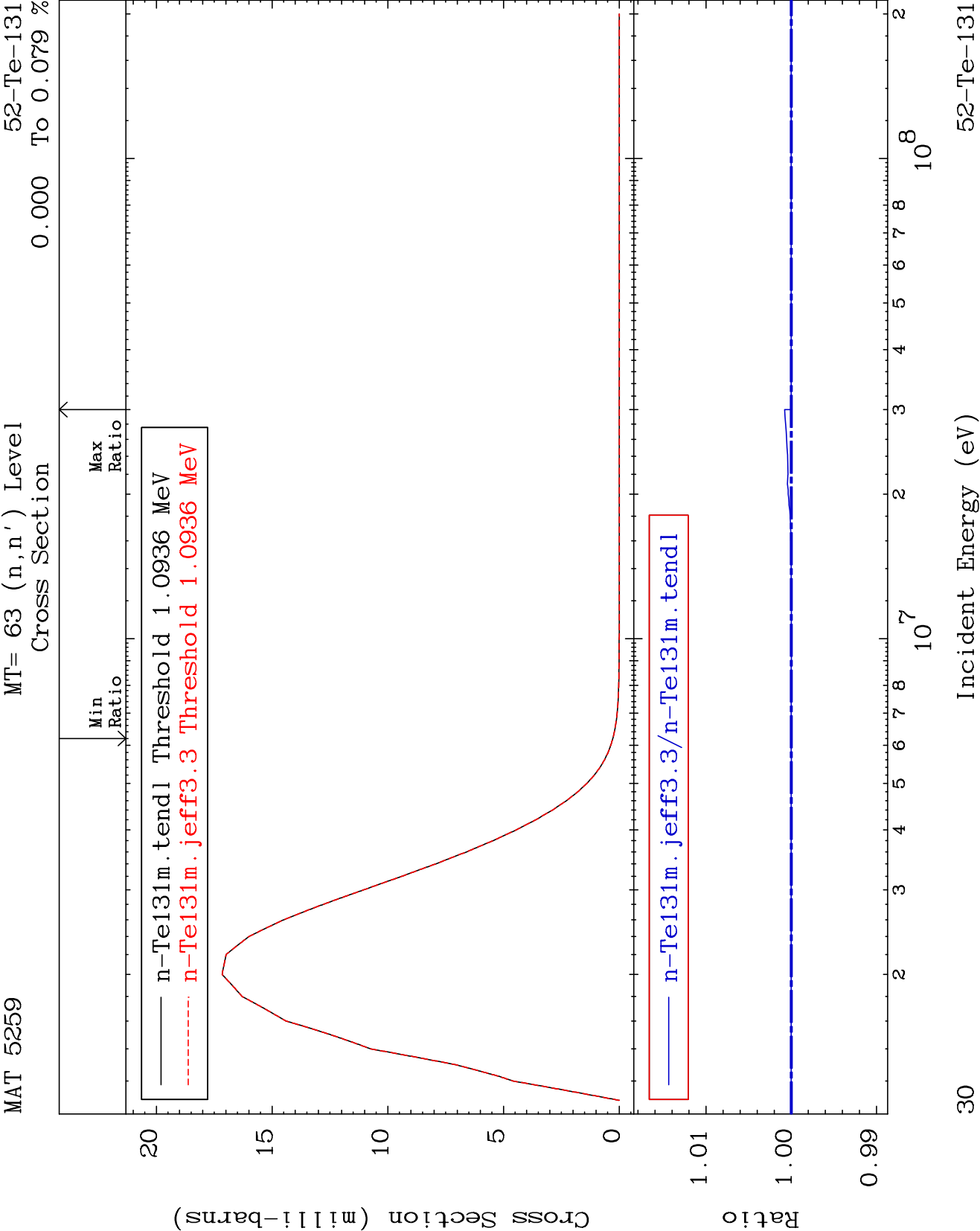
MT= 62 (n,n') Level
Cross Section

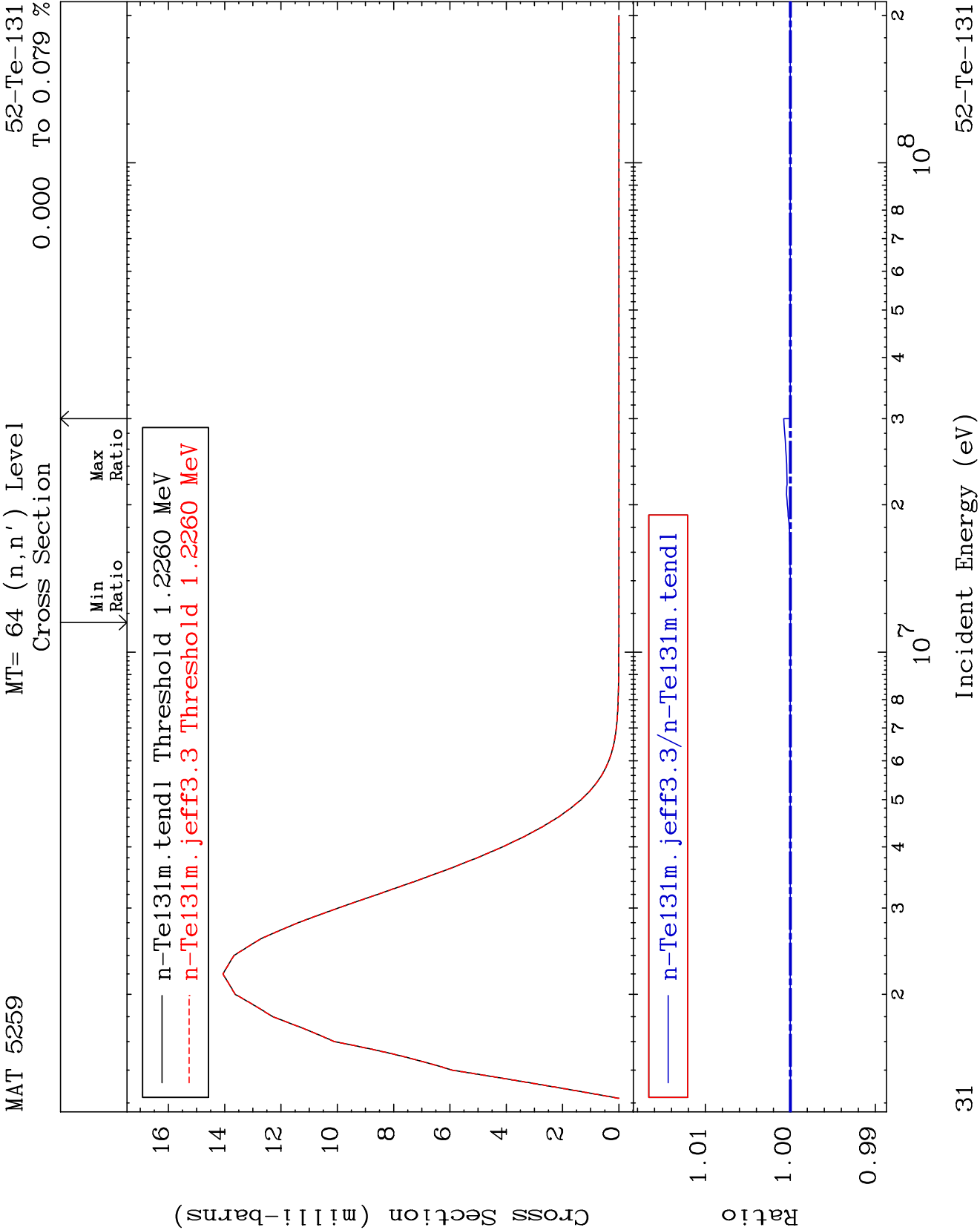
52-Te-131
0.000 To 0.079 %



Incident Energy (eV)

52-Te-131

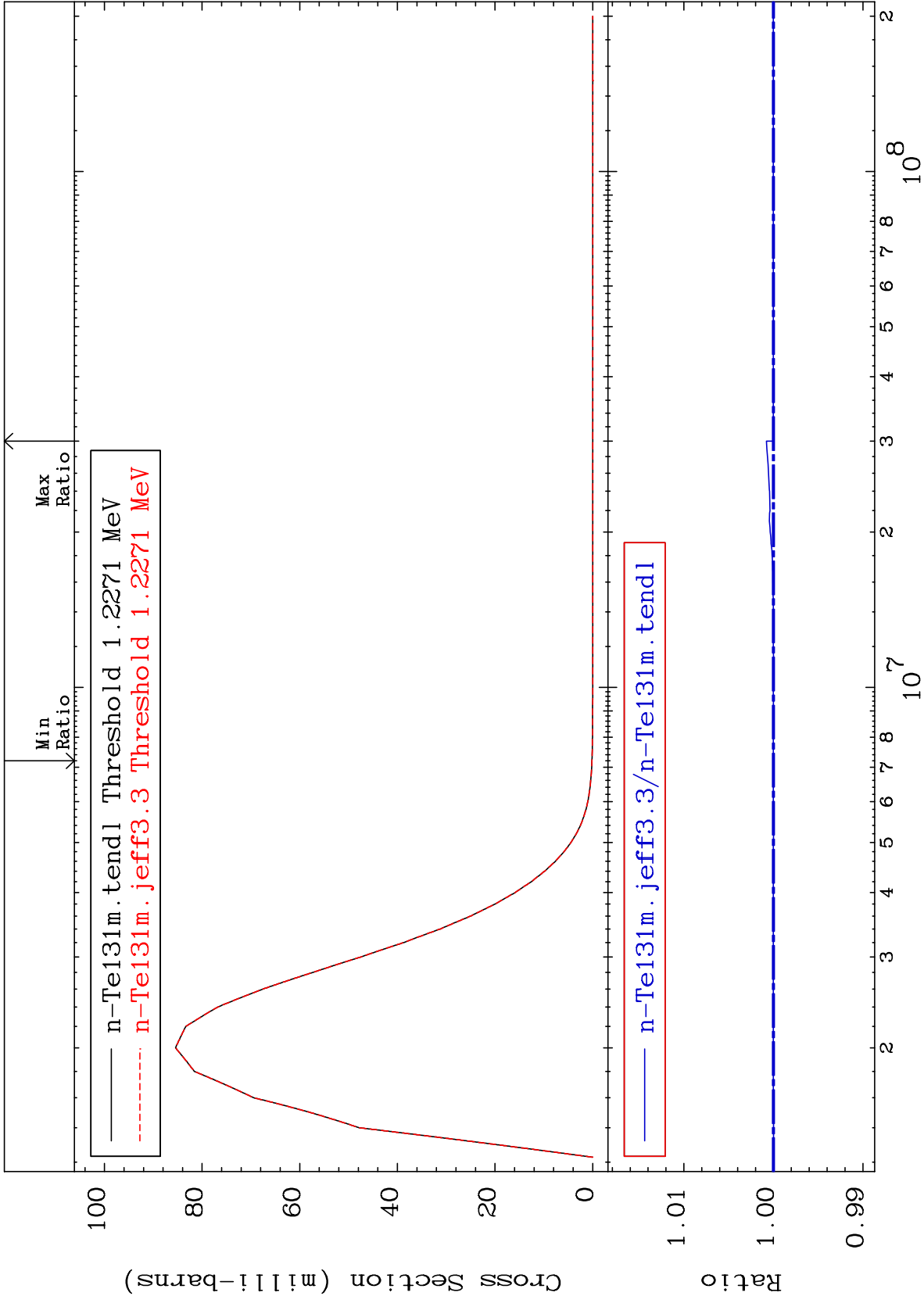




MAT 5259

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

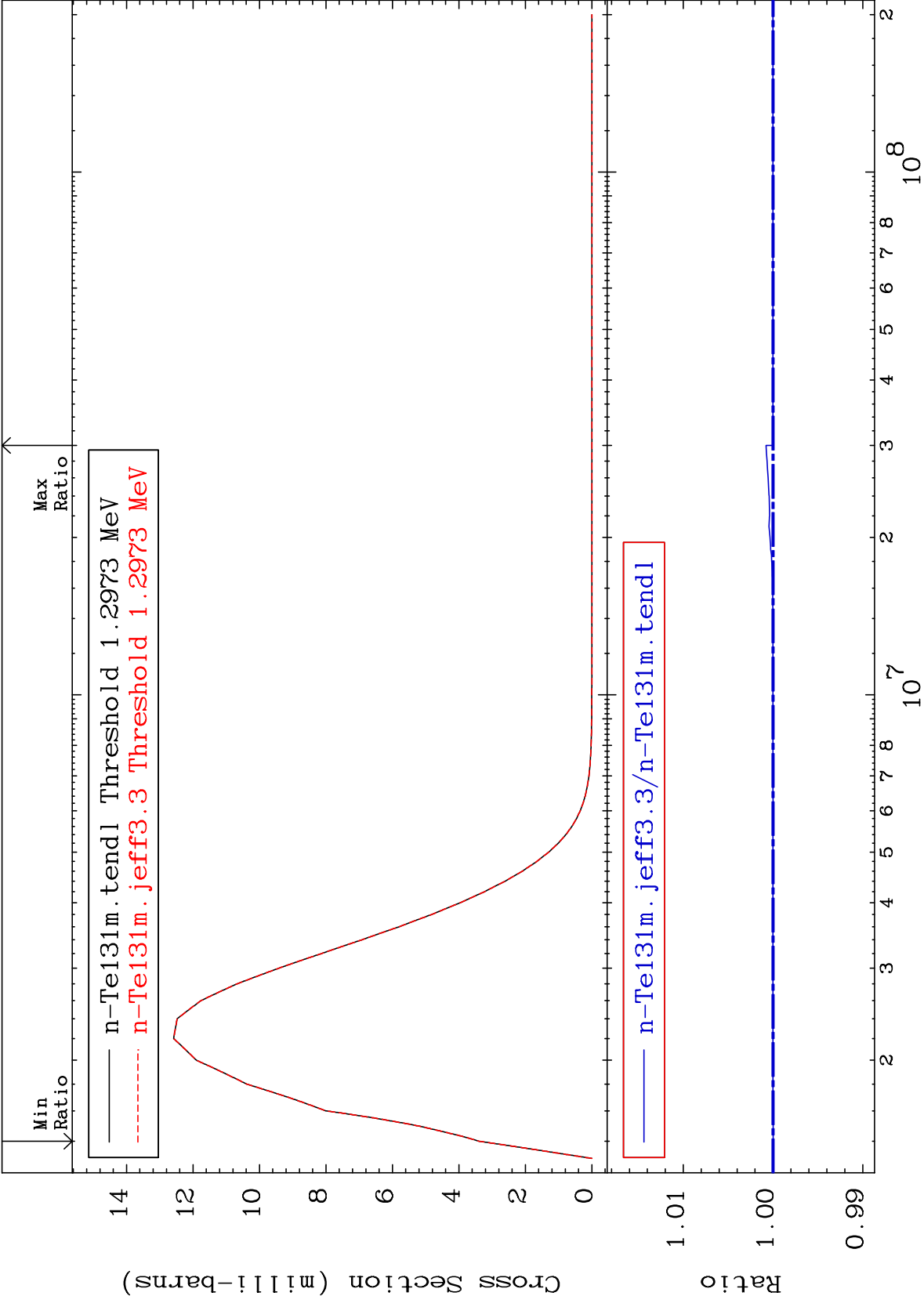
52-Te-131
0.000 To 0.079 %



MAT 5259

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

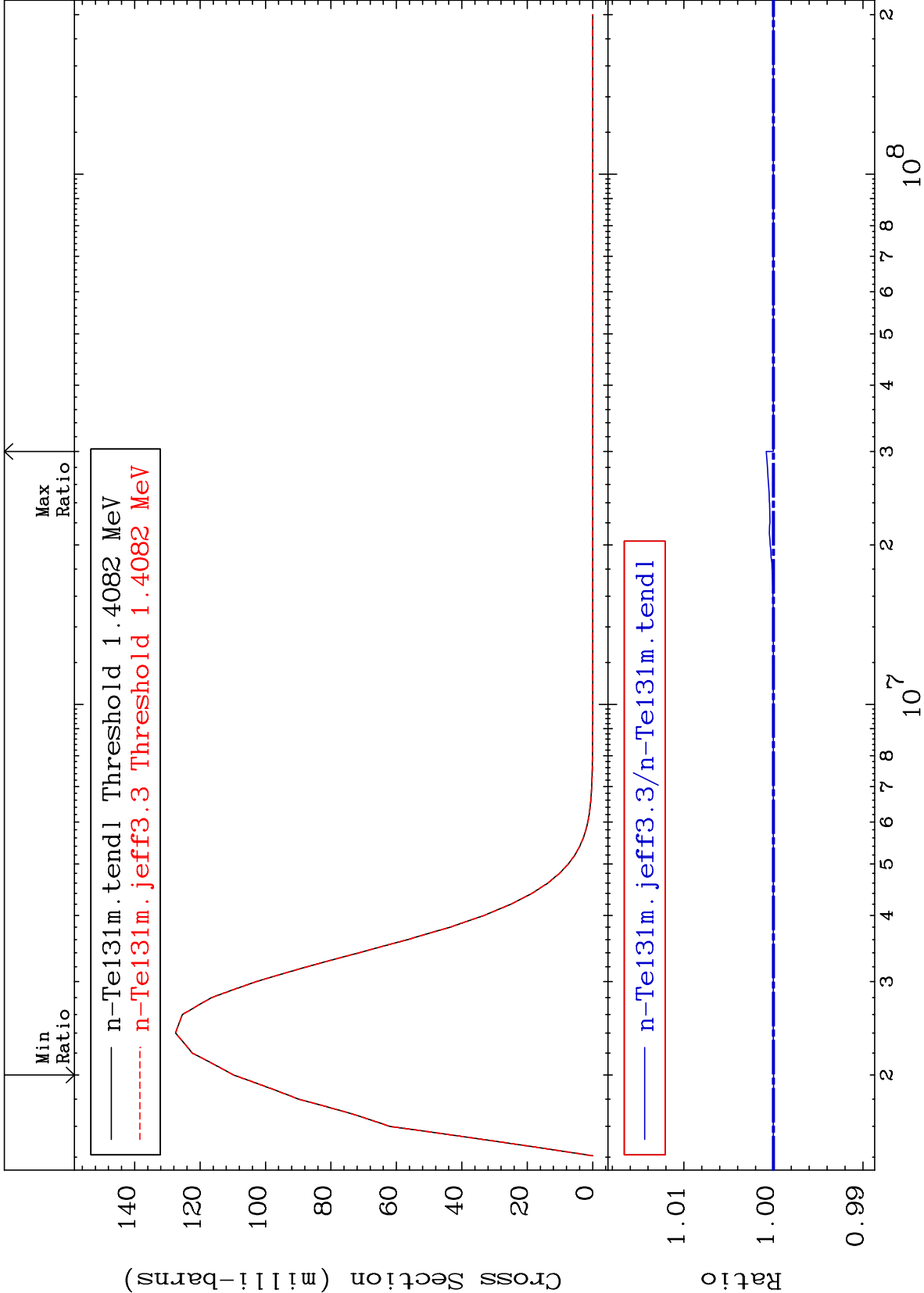
52-Te-131
0.000 To 0.079 %

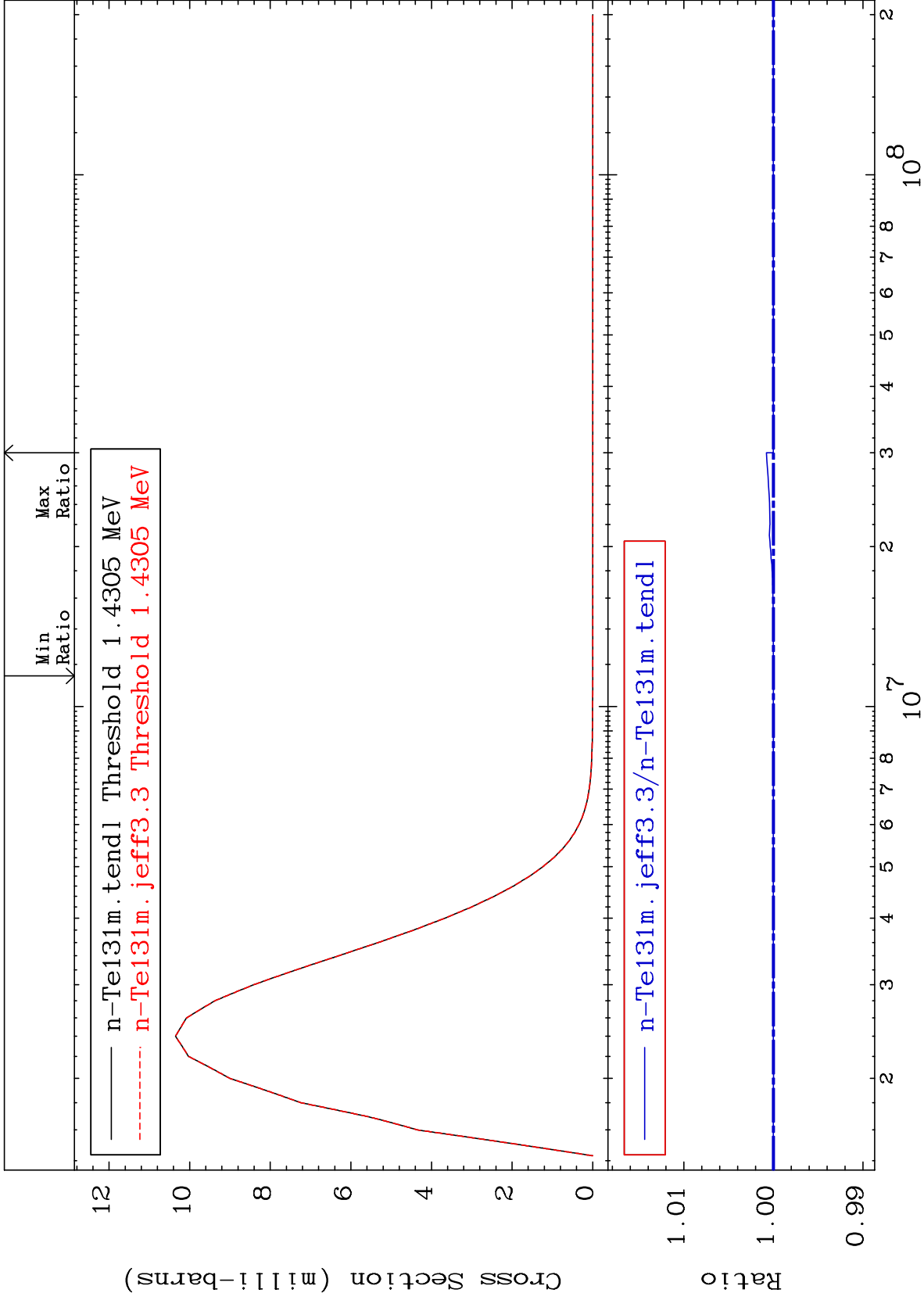


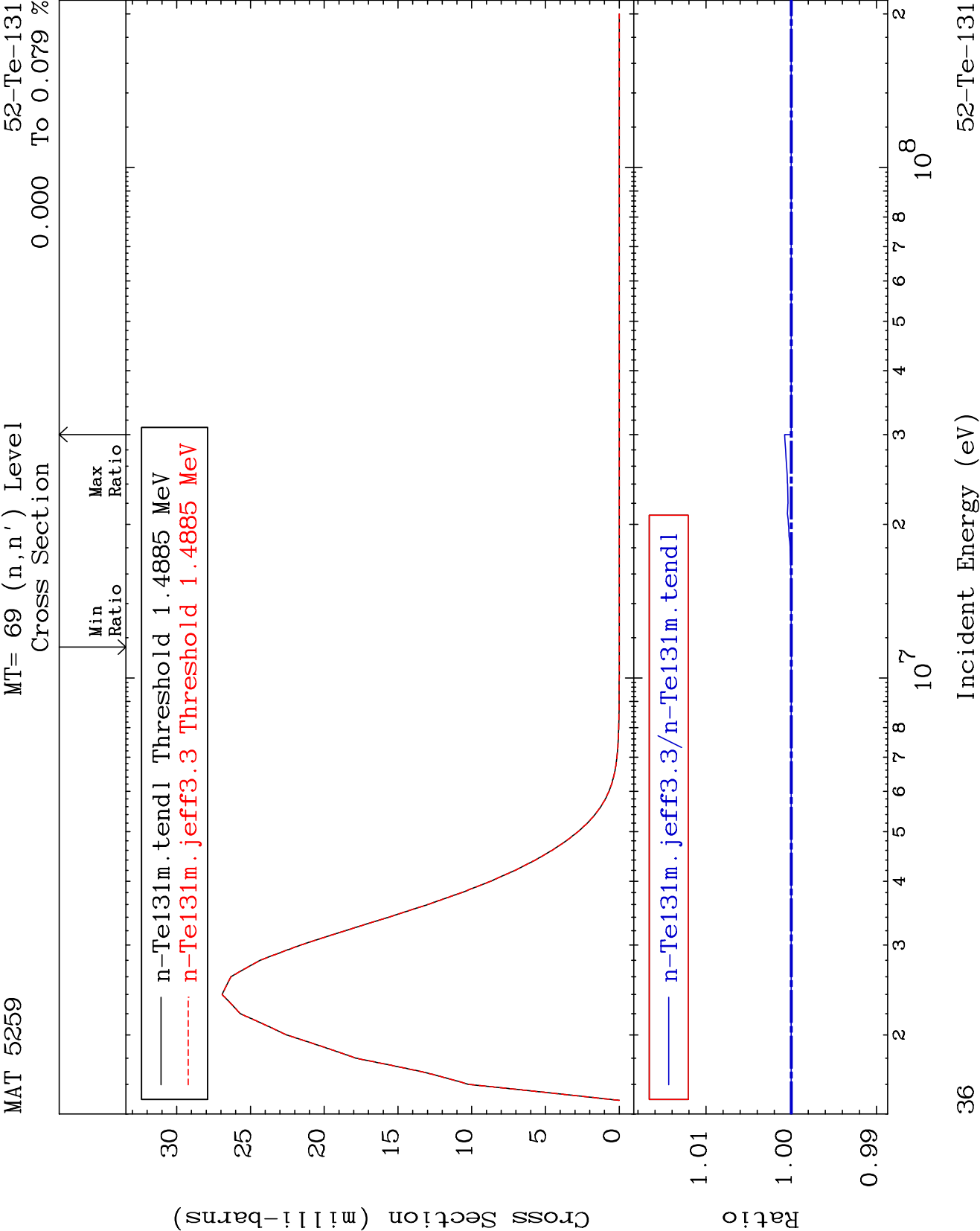
MAT 5259

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

52-Te-131
0.000 To 0.079 %





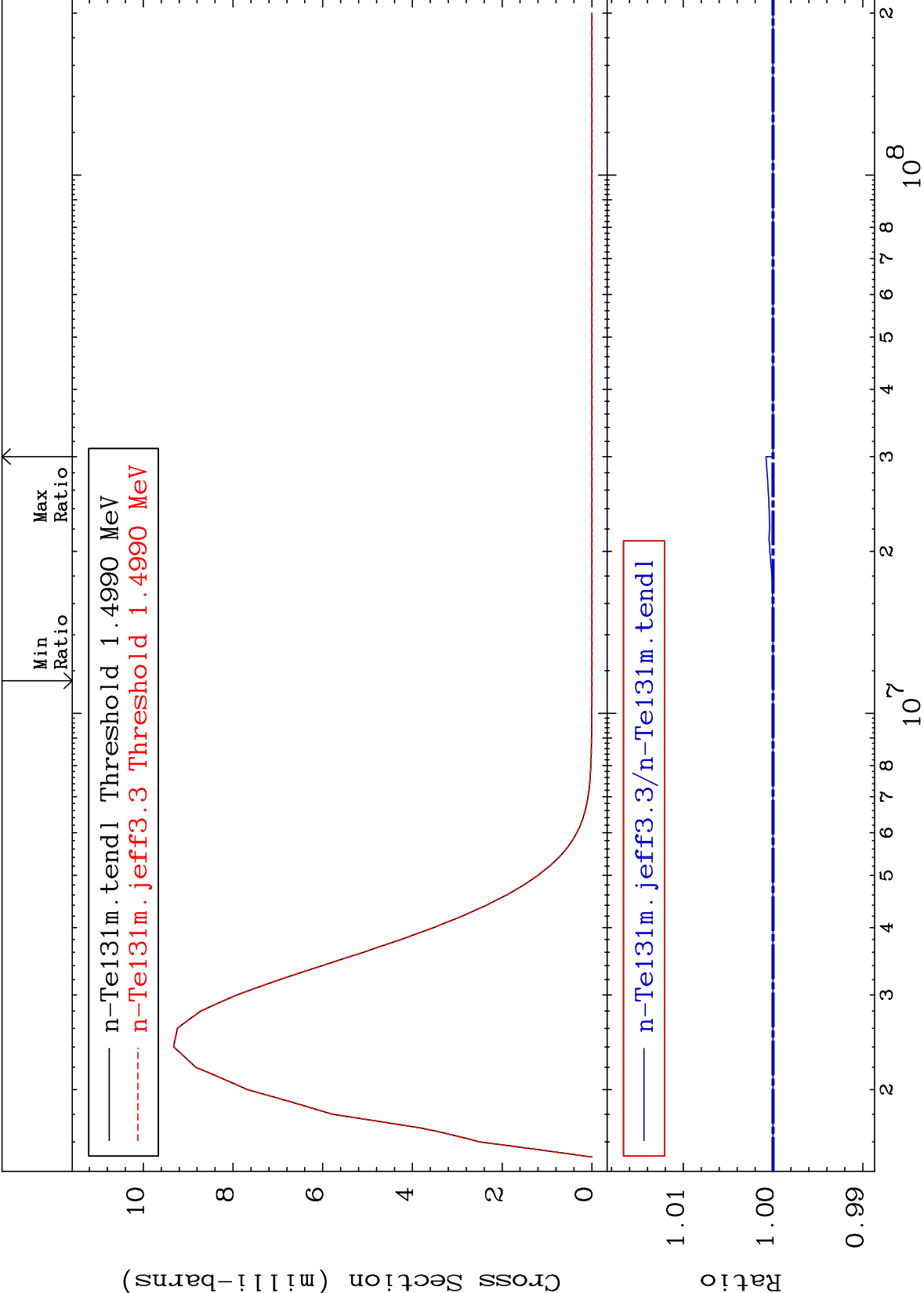


MAT 5259

MT= 70 (n,n') Level

52-Te-131

0.000 To 0.079 %



37

Incident Energy (eV)

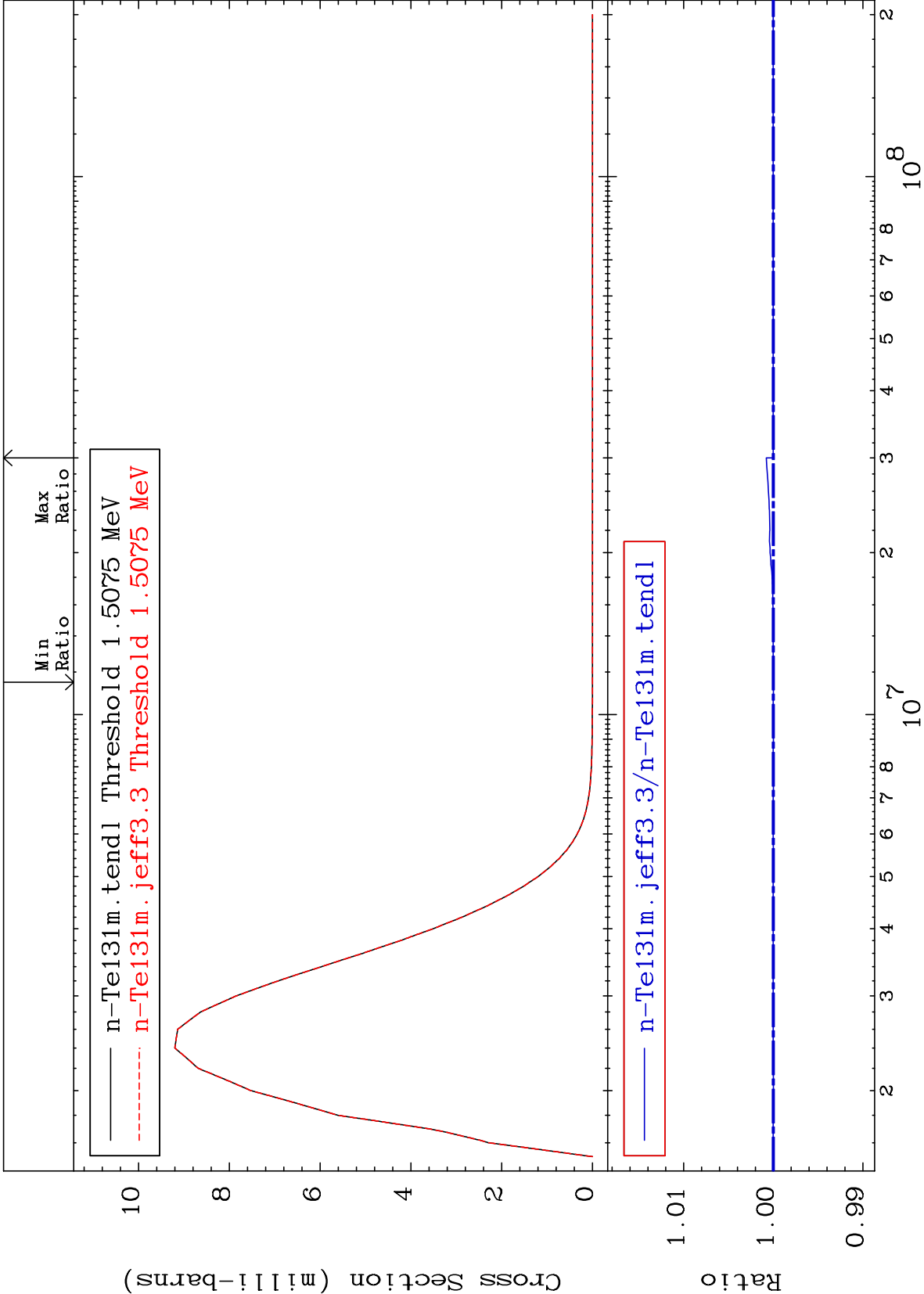
52-Te-131

MAT 5259

MT= 71 (n,n') Level

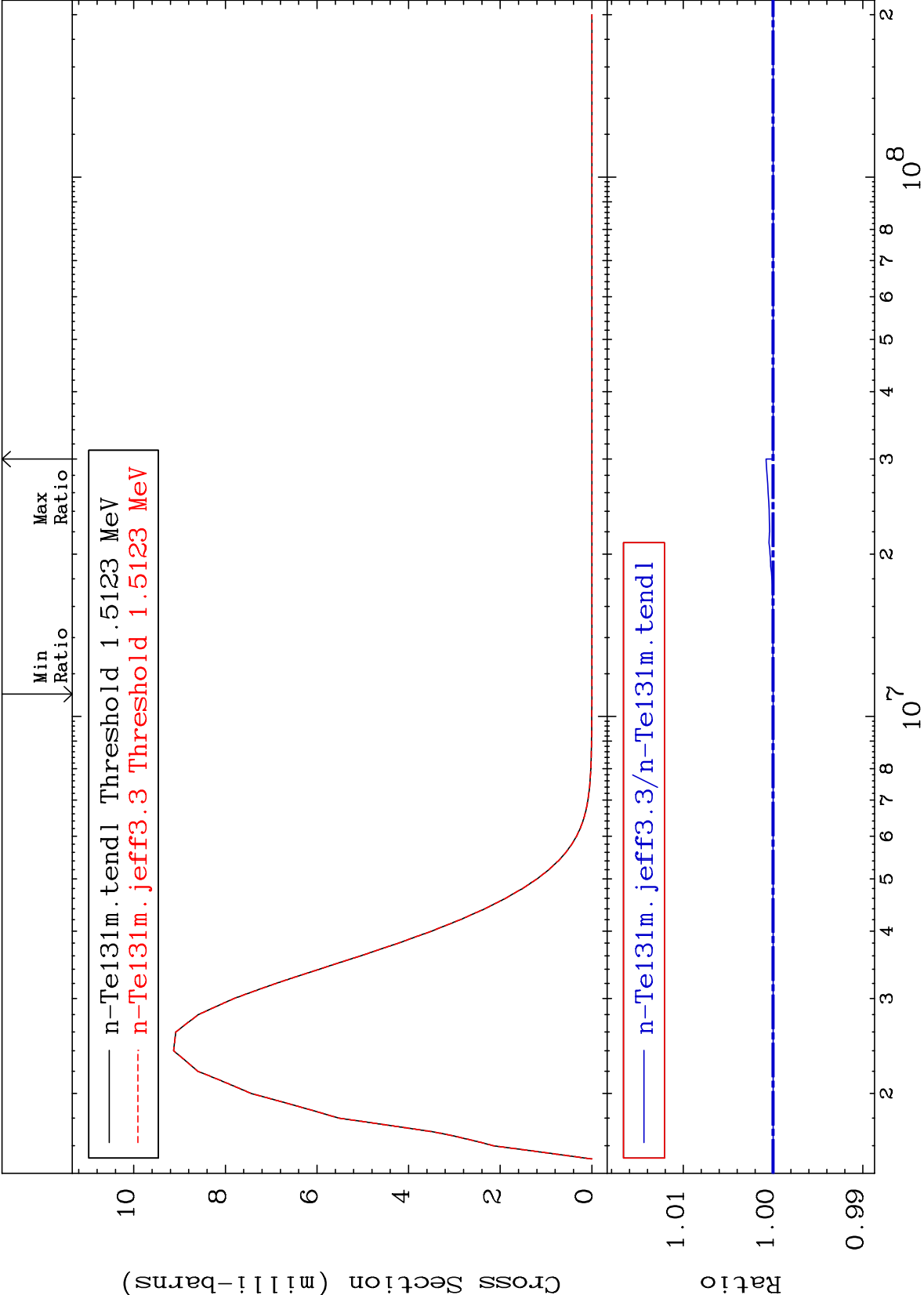
52-Te-131

0.000 To 0.079 %



Cross Section

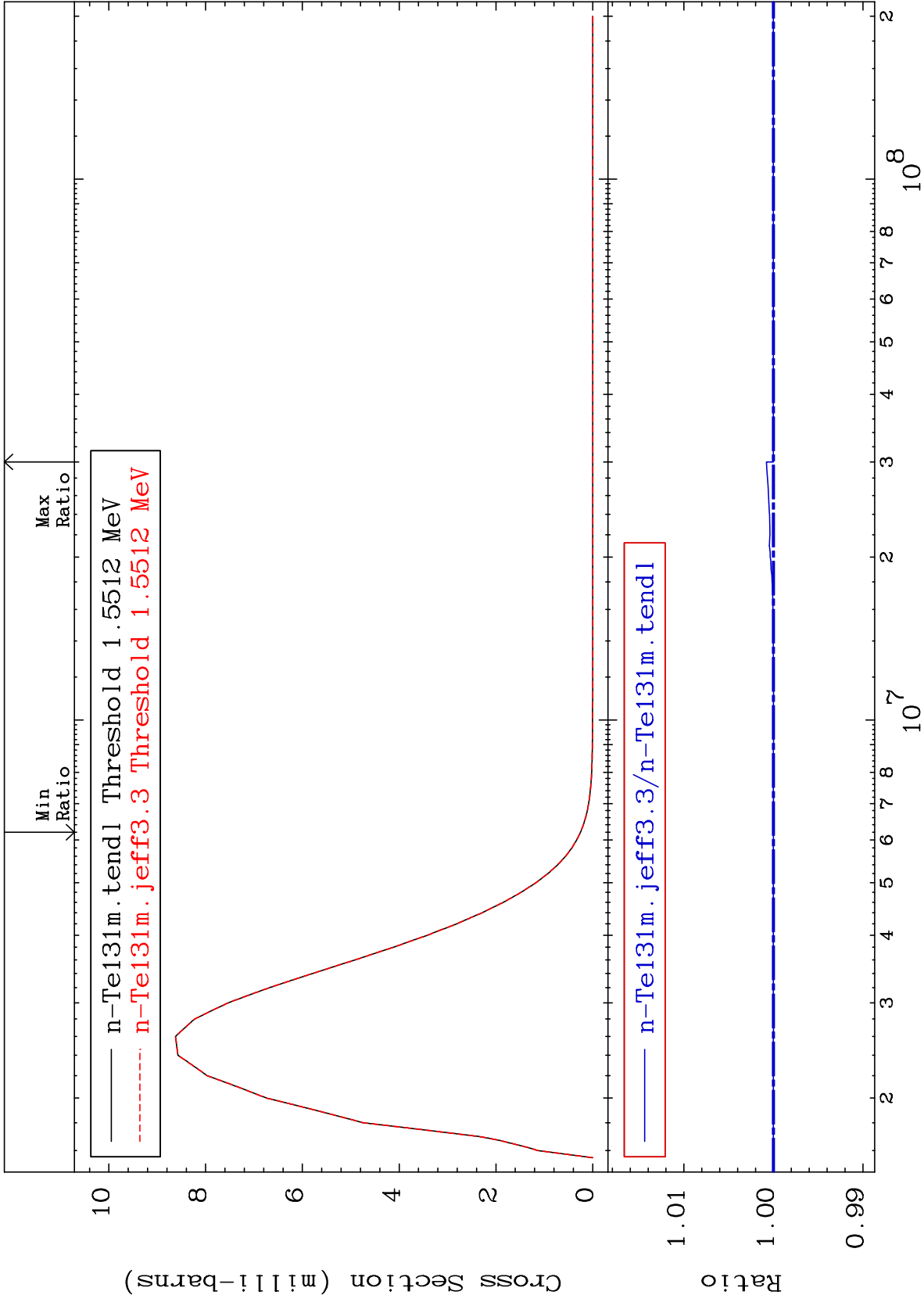
0.000 To 0.079 %



MAT 5259

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

52-Te-131
0.000 To 0.079 %



40

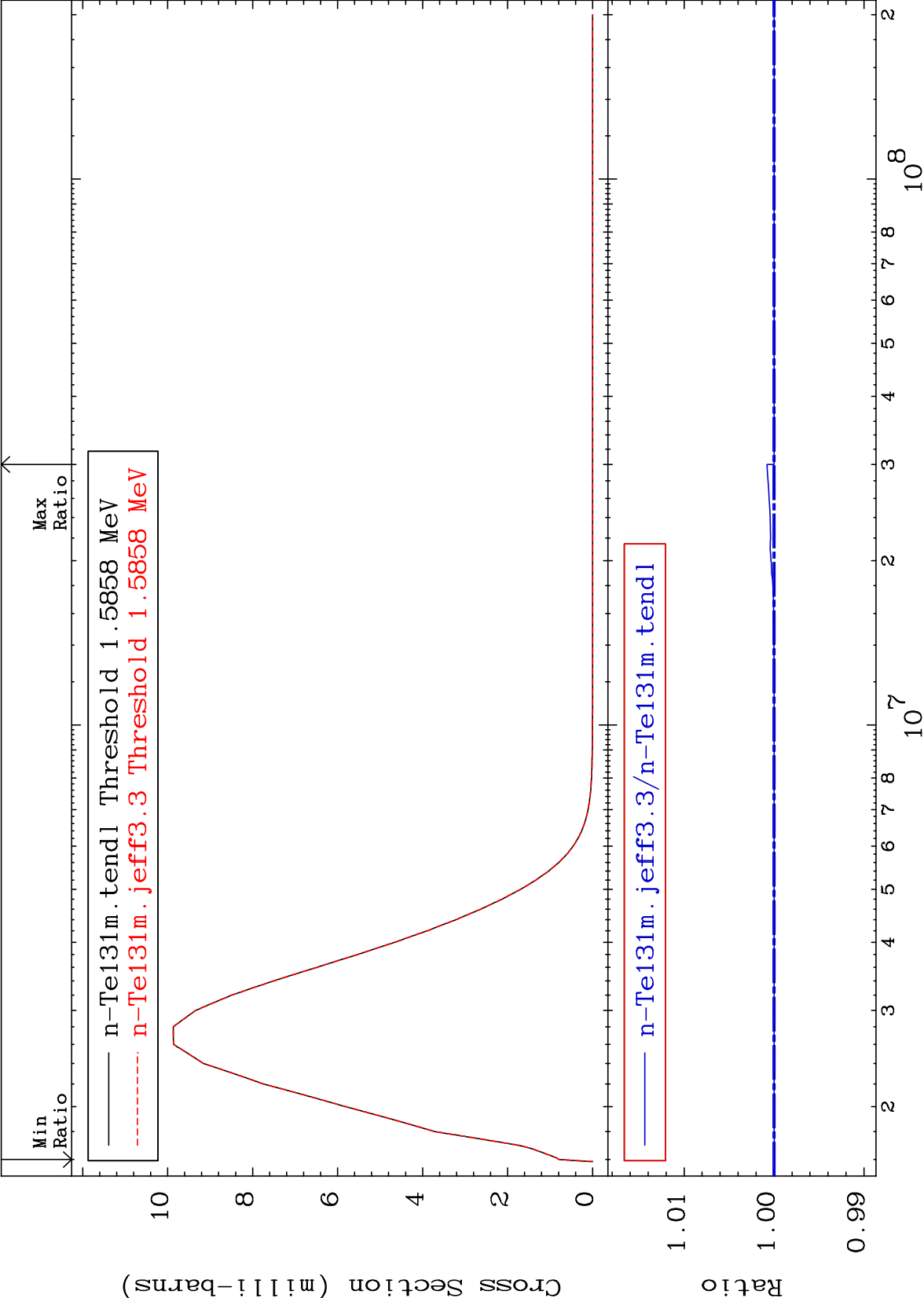
Incident Energy (eV)

52-Te-131

MAT 5259

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

52-Te-131
-0.004 To 0.079 %



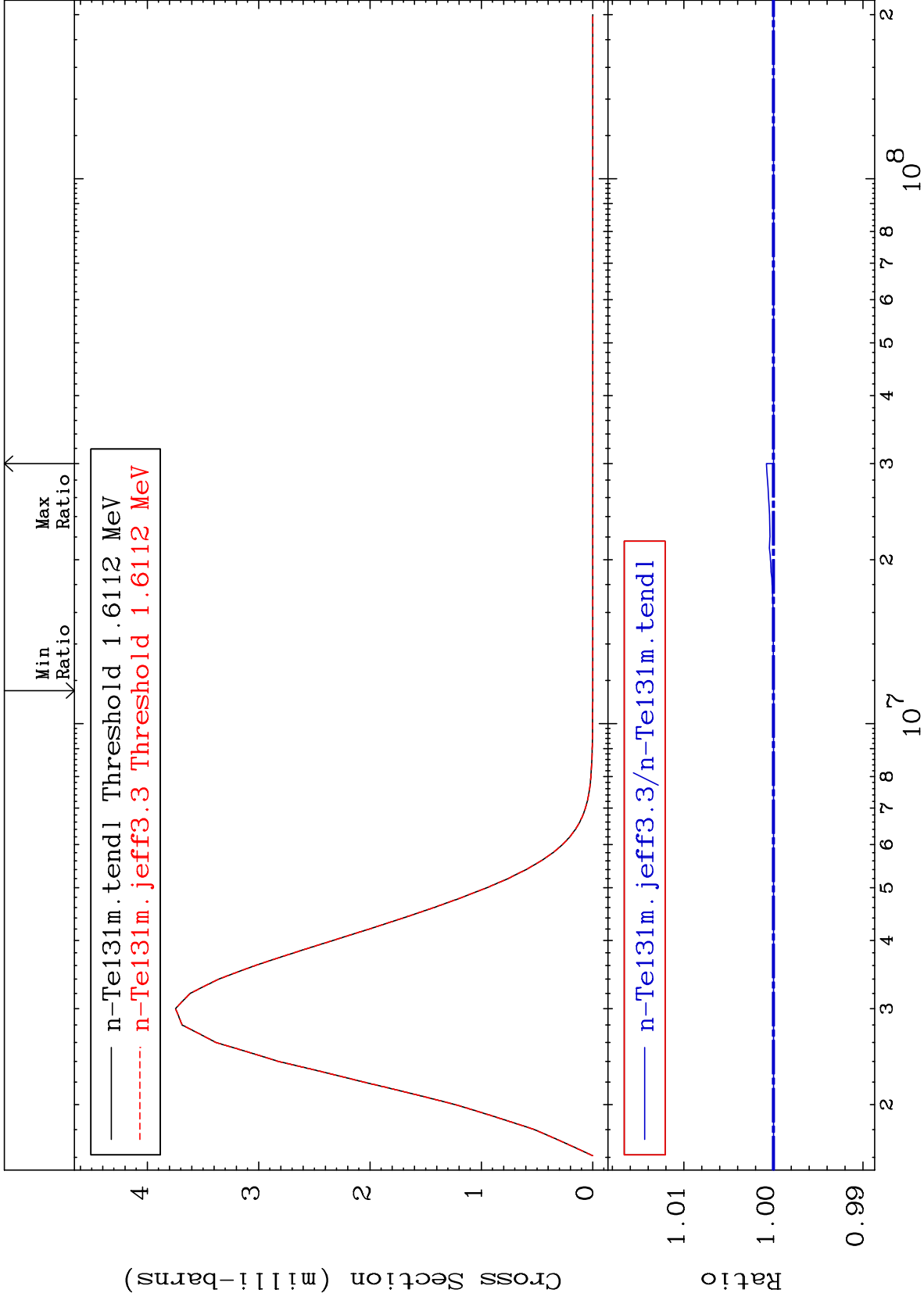
MAT 5259

MT= 75 (n,n') Level

52-Te-131

Cross Section

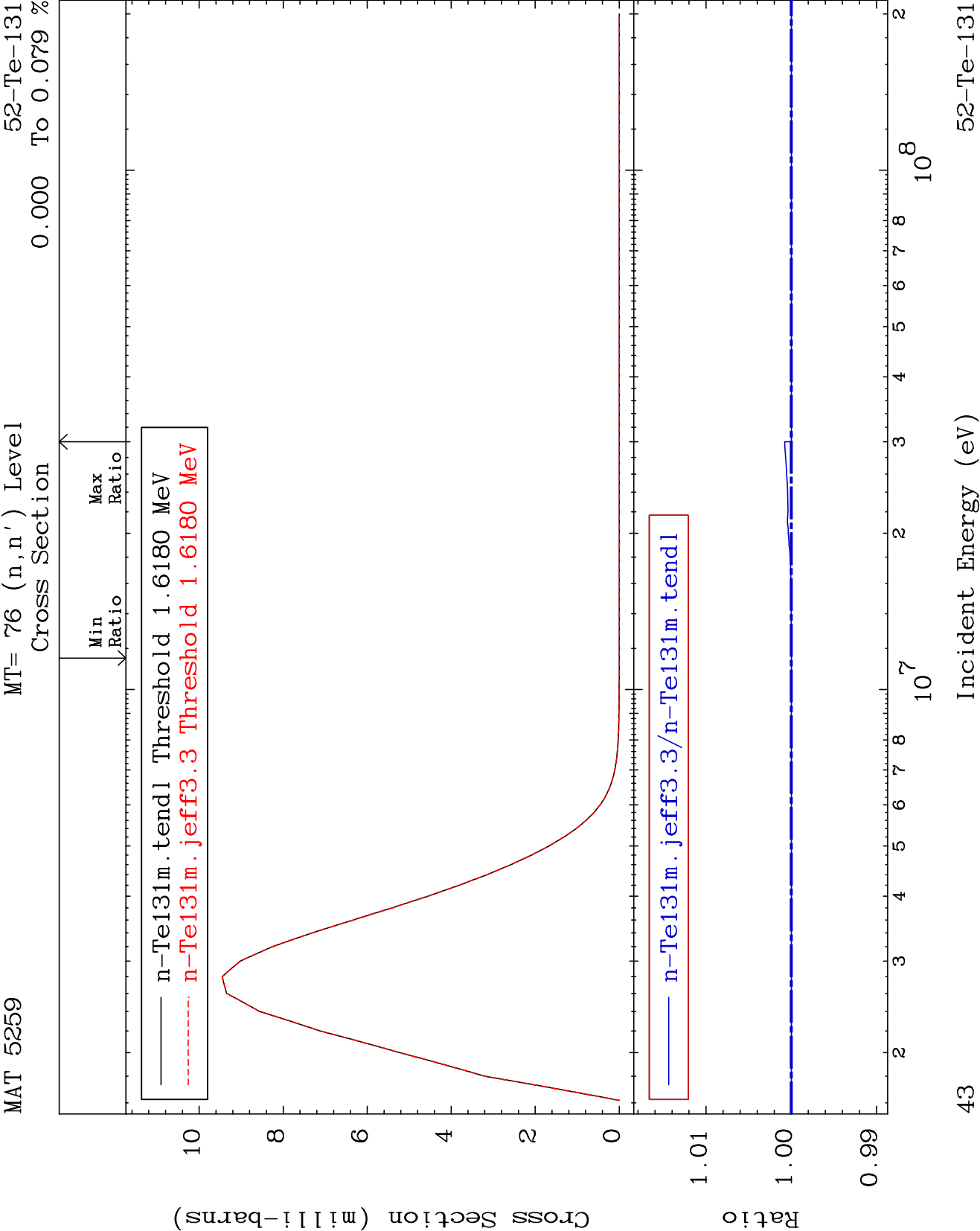
0.000 To 0.079 %



42

Incident Energy (eV)

52-Te-131



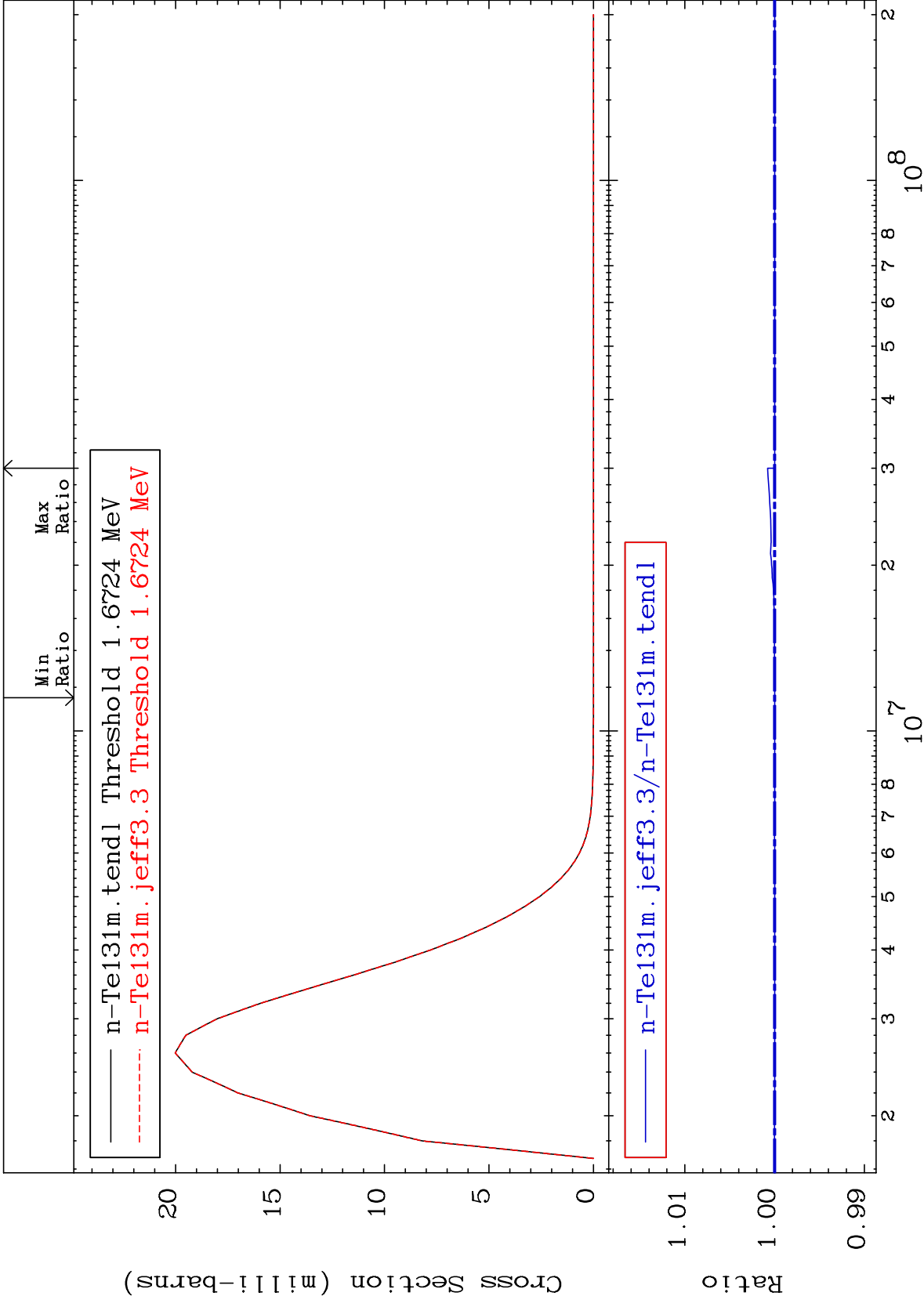
MAT 5259

MT= 77 (n,n') Level

52-Te-131

0.000 To 0.079 %

Cross Section



44

Incident Energy (eV)

52-Te-131

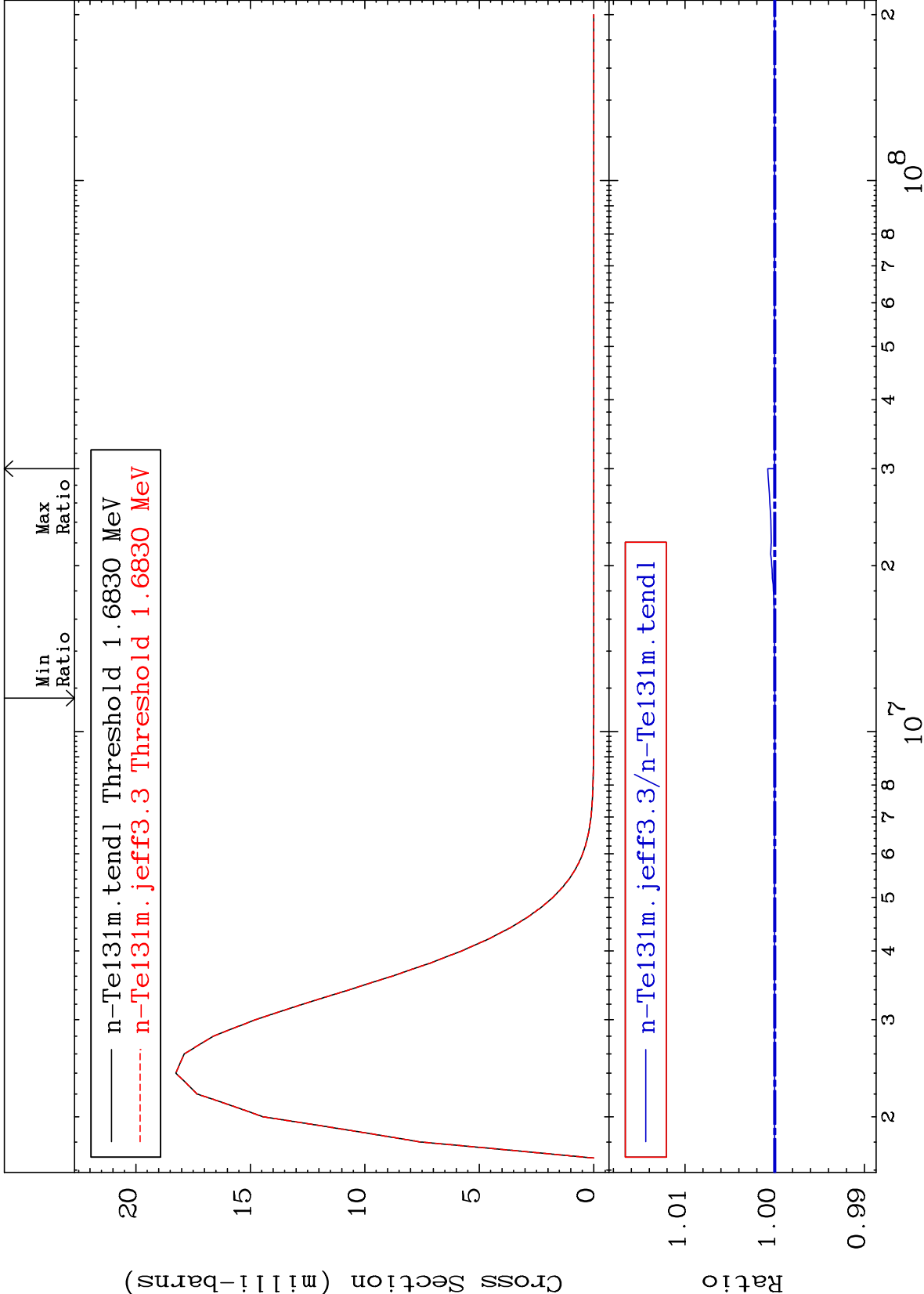
MAT 5259

MT= 78 (n,n') Level

52-Te-131

Cross Section

0.000 To 0.079 %



45

Incident Energy (eV)

52-Te-131

MAT 5259

MT= 79 (n,n') Level

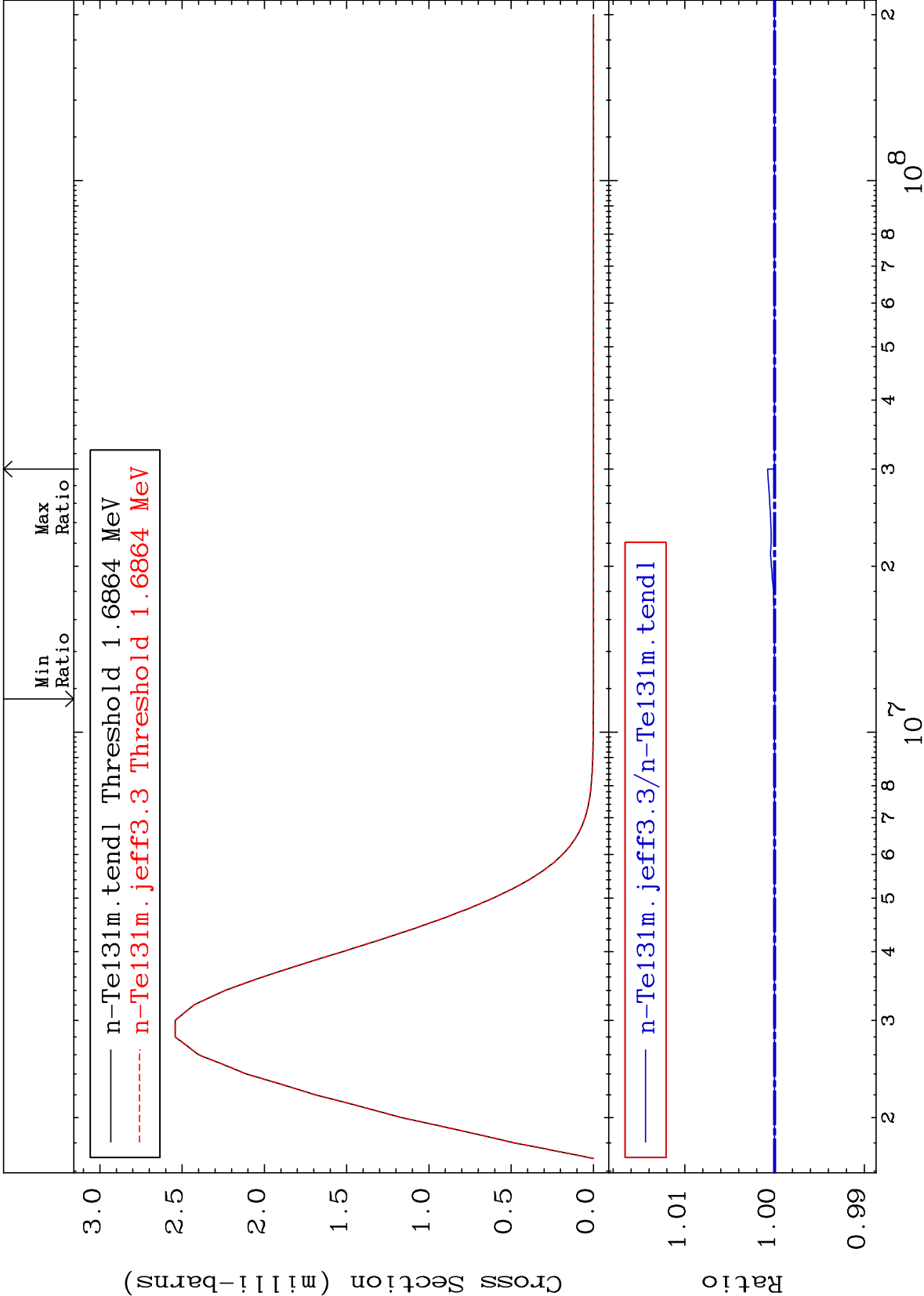
52-Te-131

Cross Section

Min Ratio

Max Ratio

Ratio



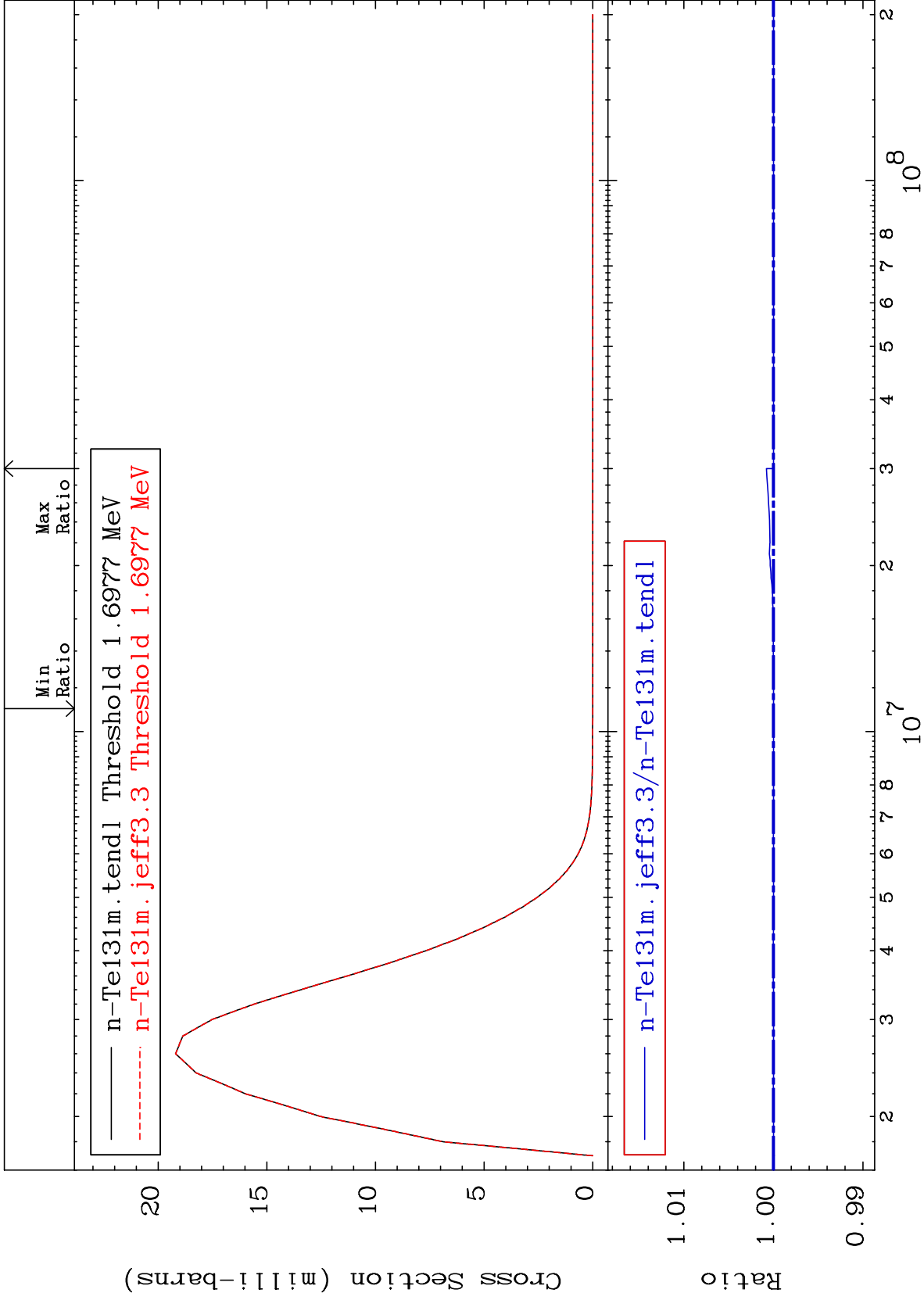
MAT 5259

MT= 80 (n,n') Level

52-Te-131

0.000 To 0.079 %

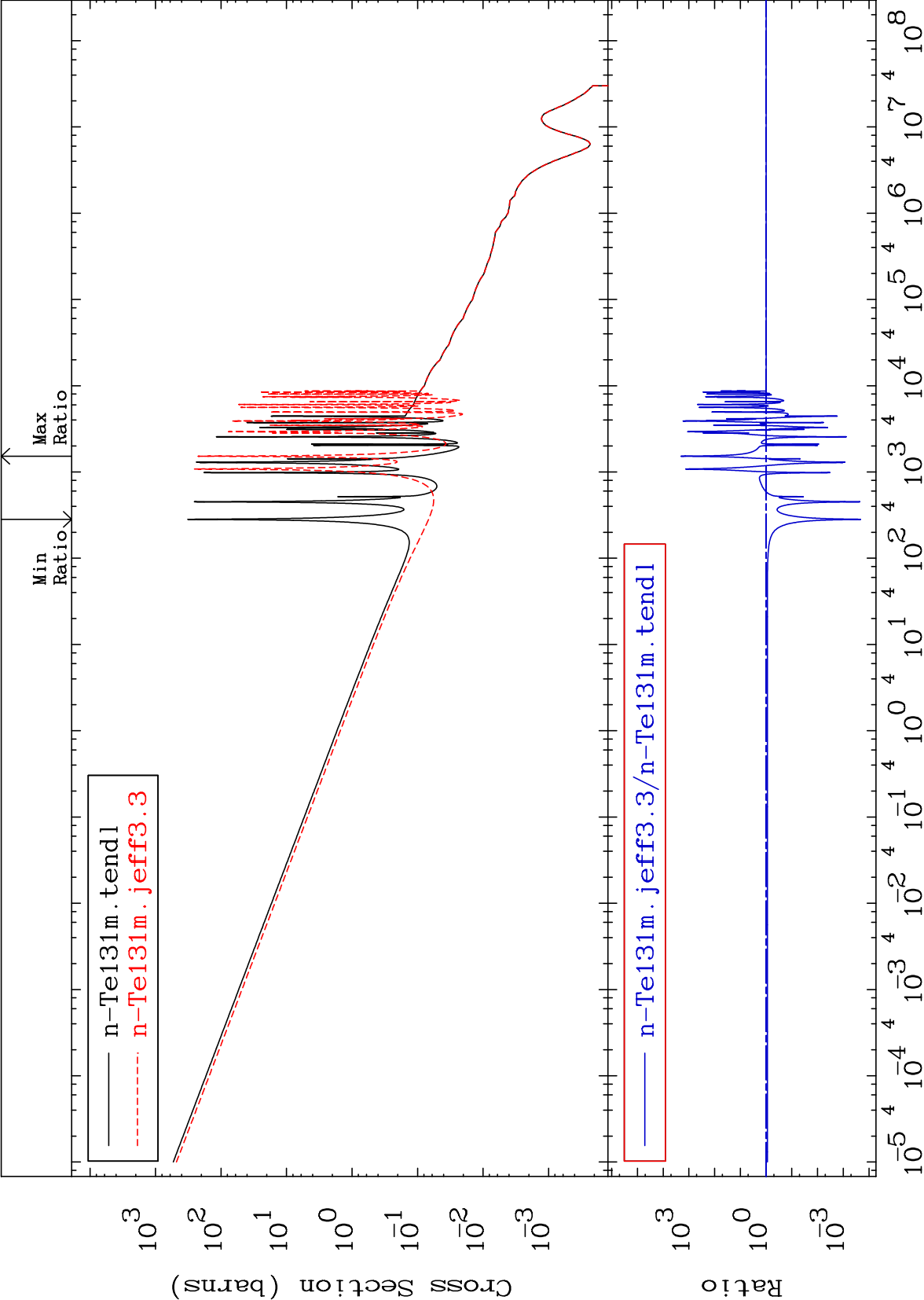
Cross Section

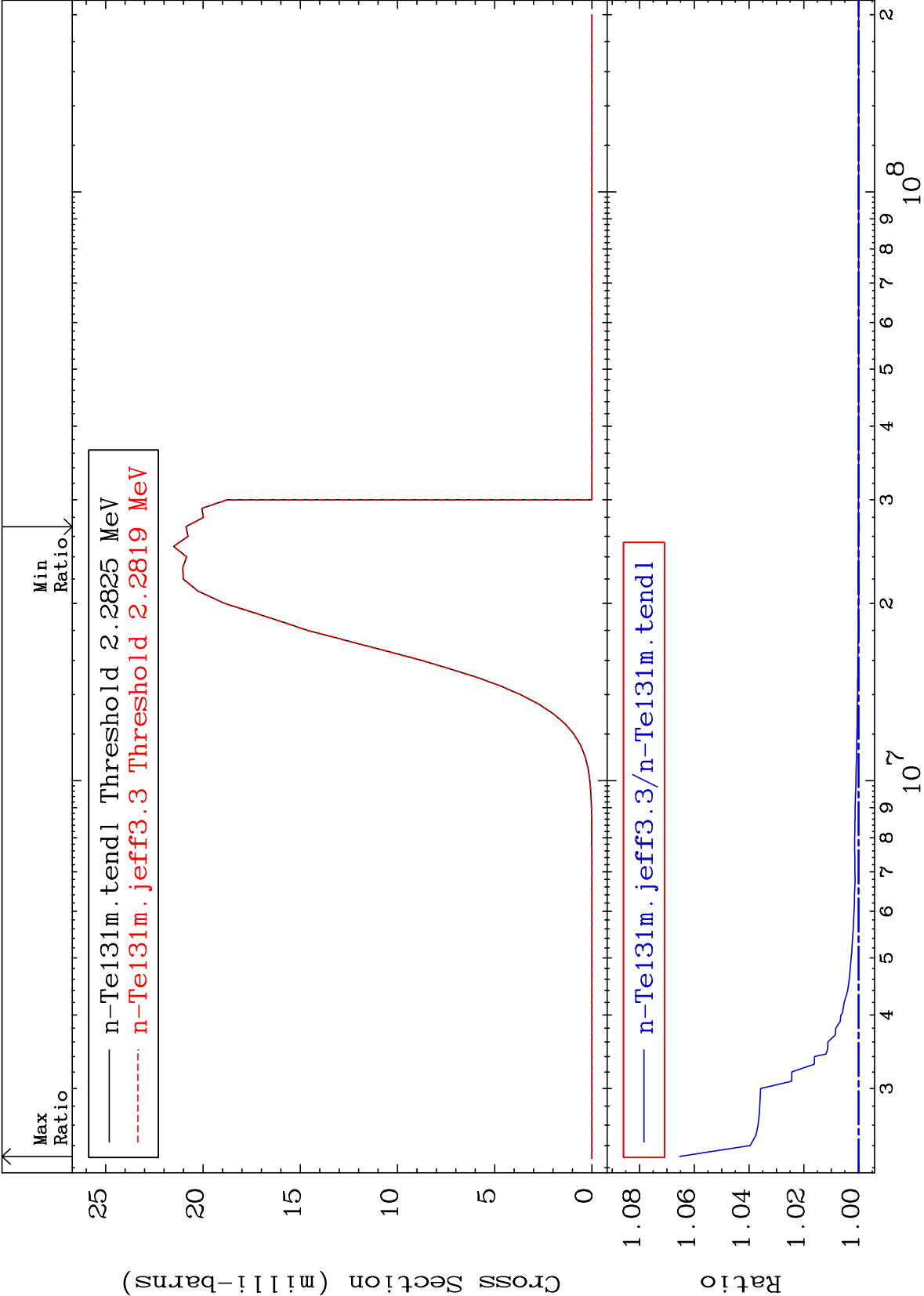


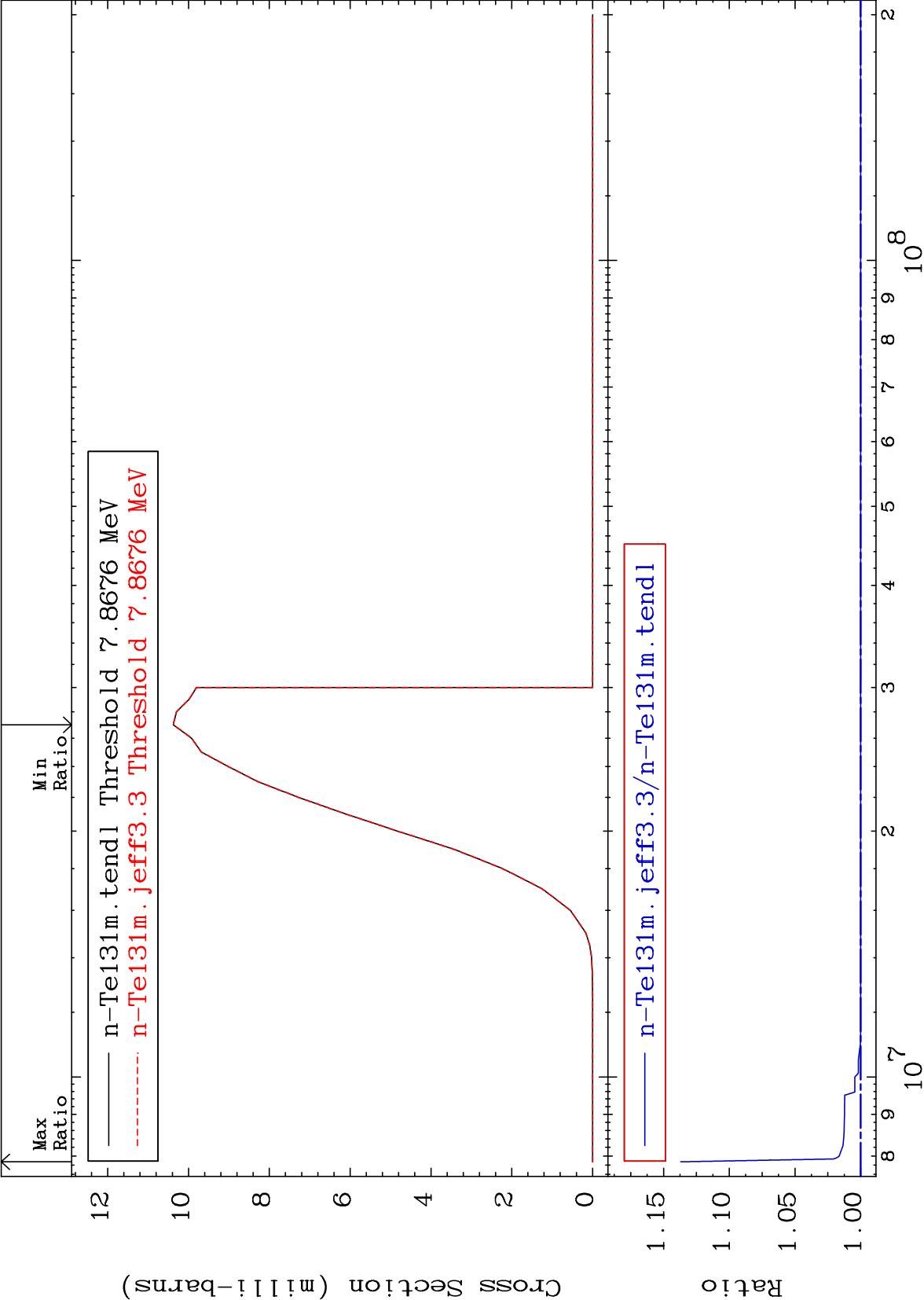
47

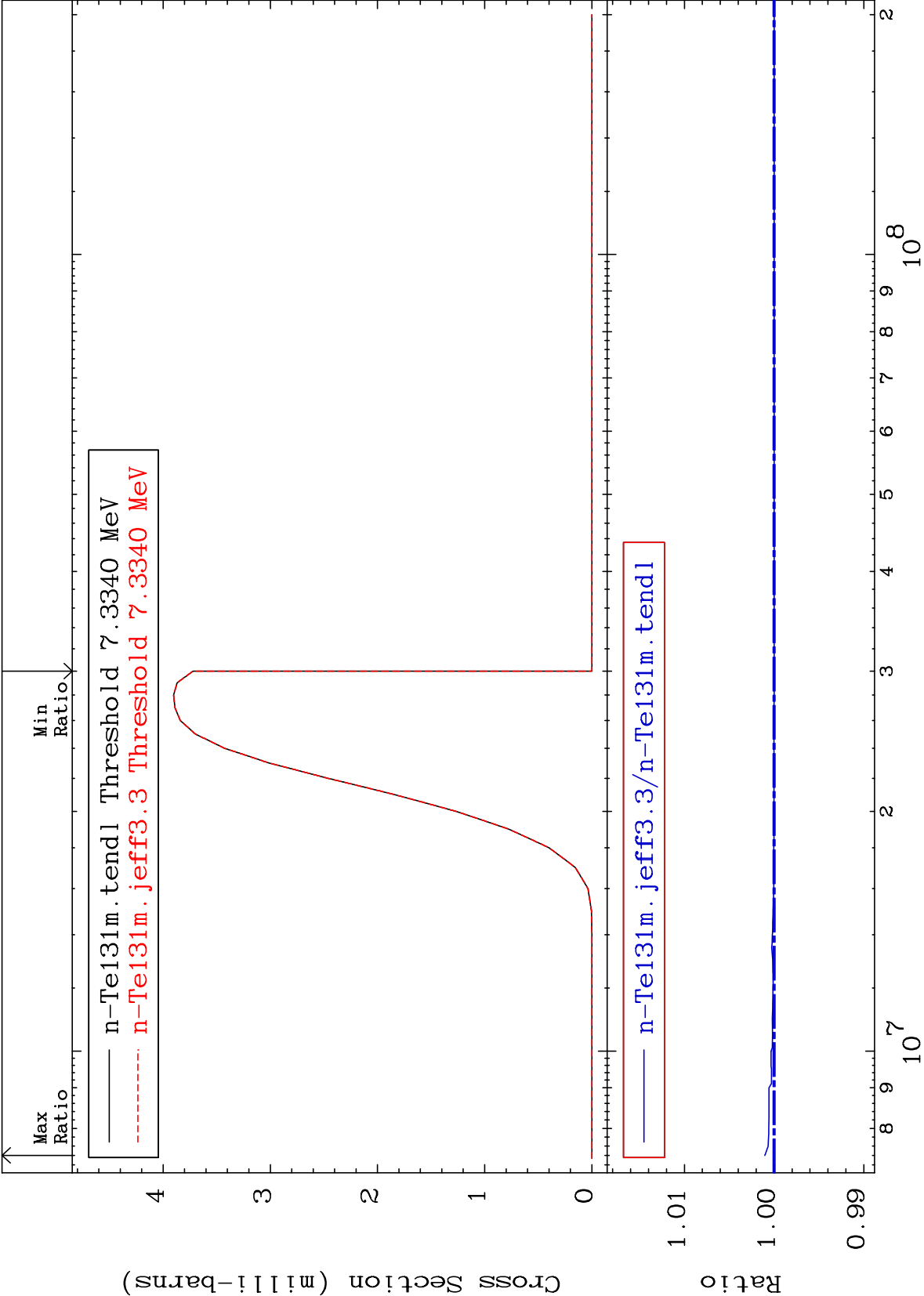
Incident Energy (eV)

52-Te-131

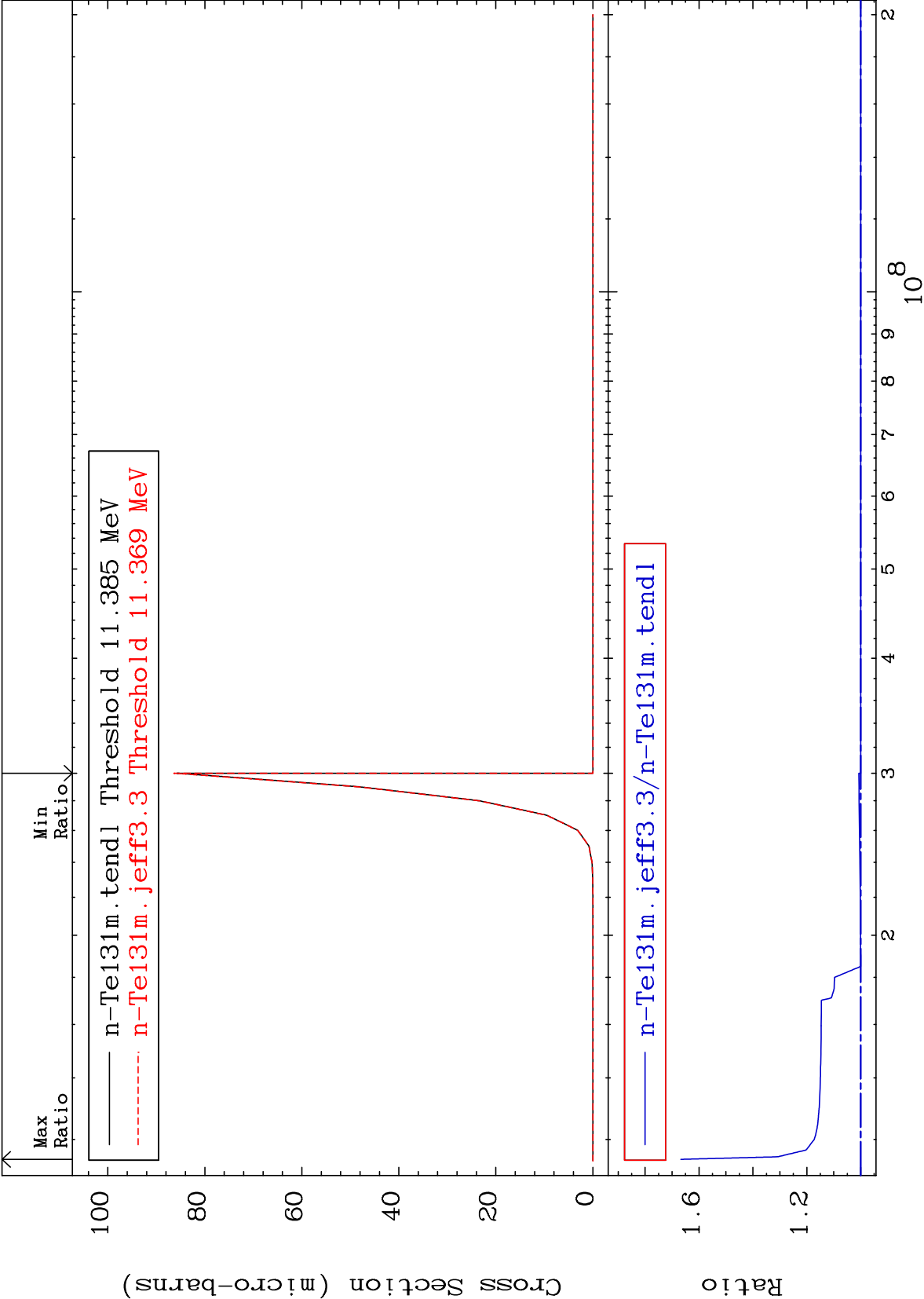






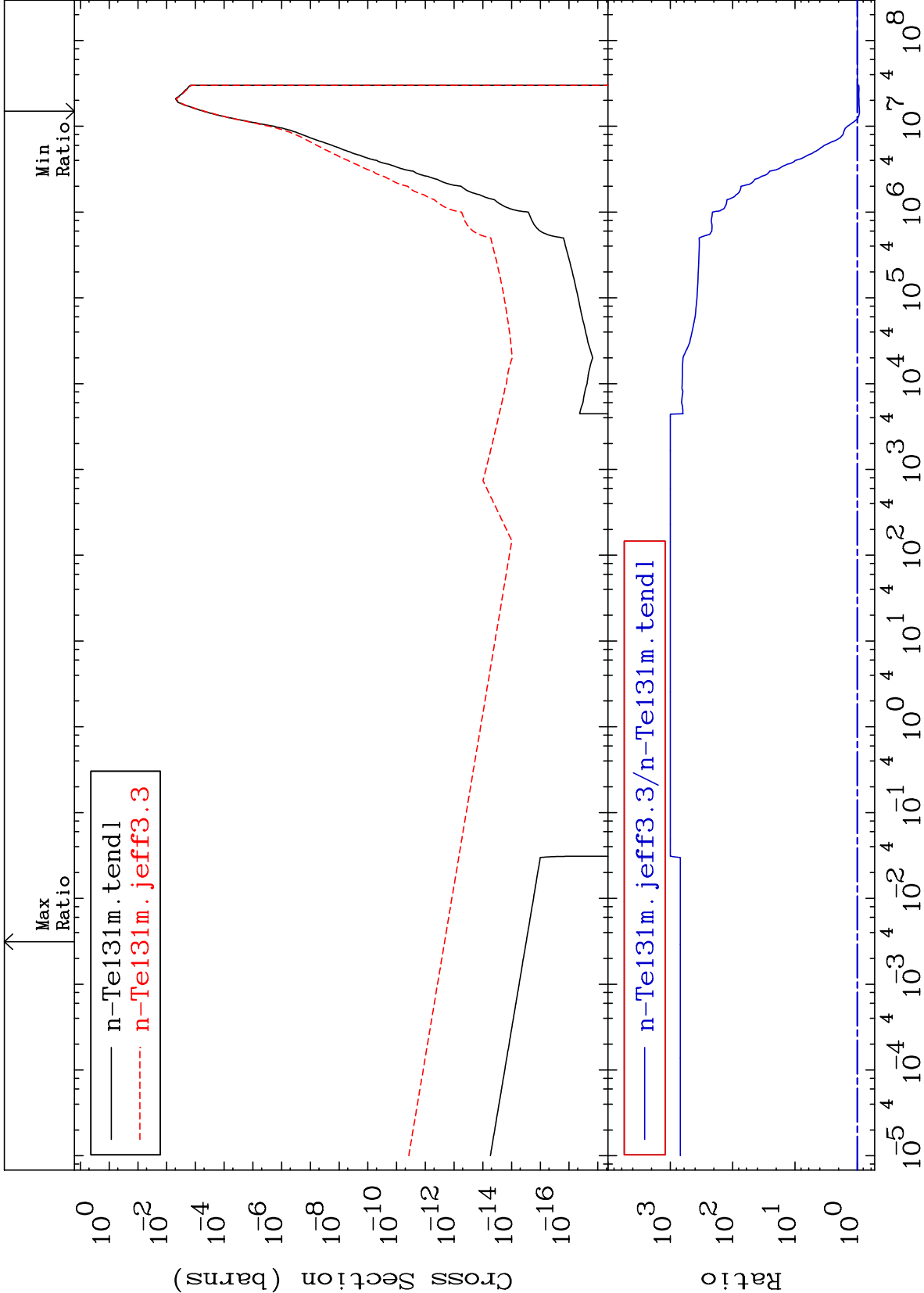


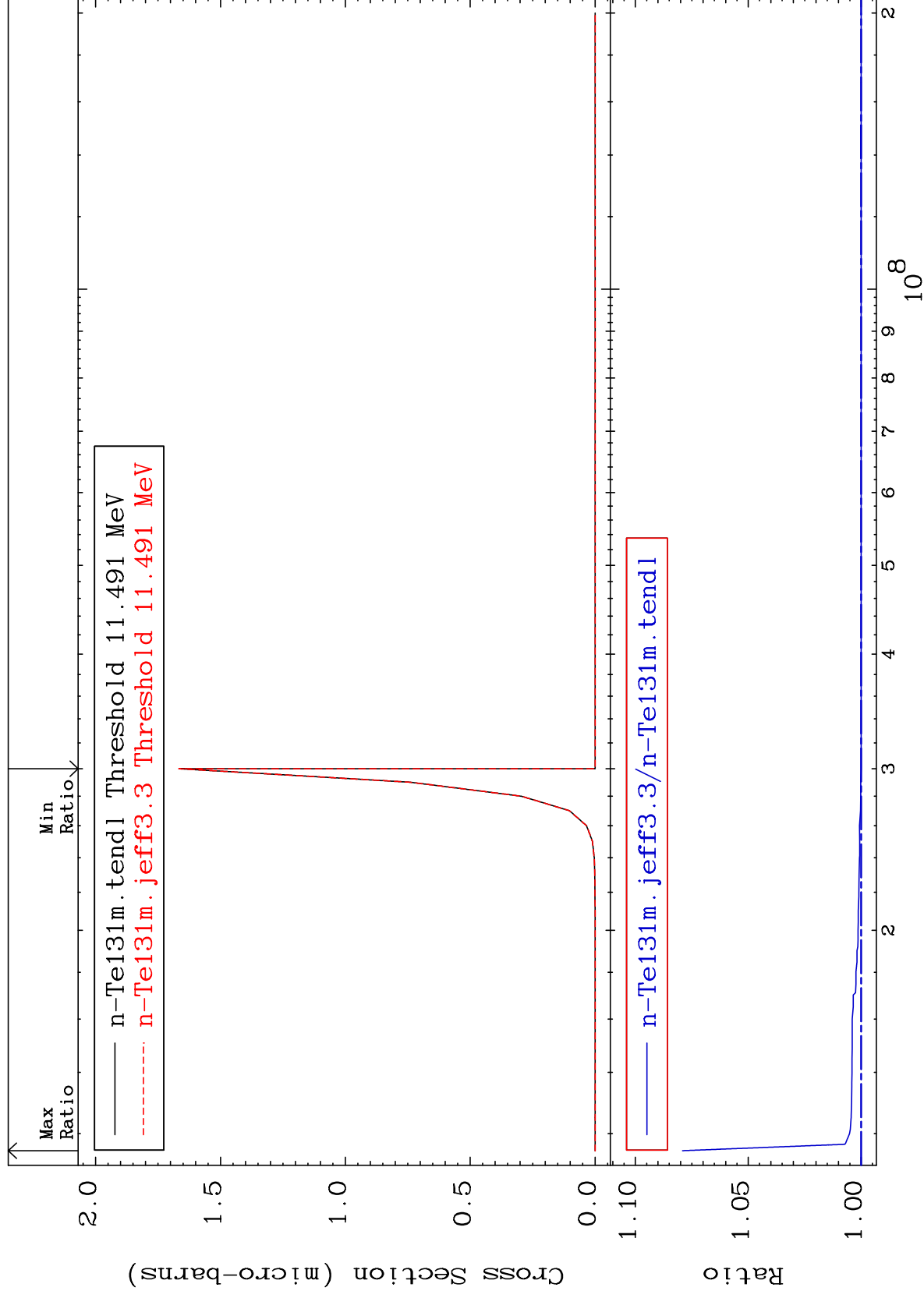
Cross Section

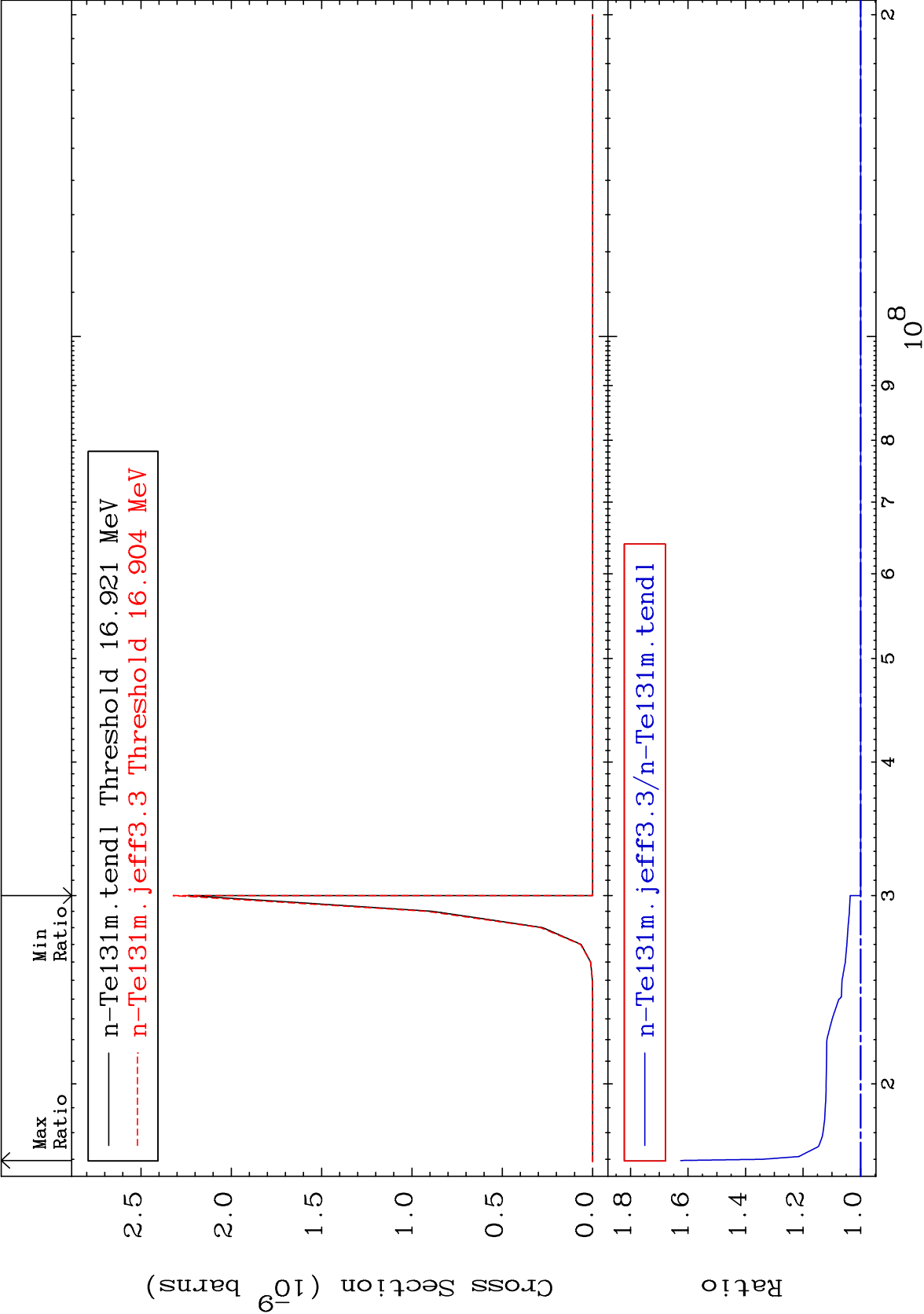


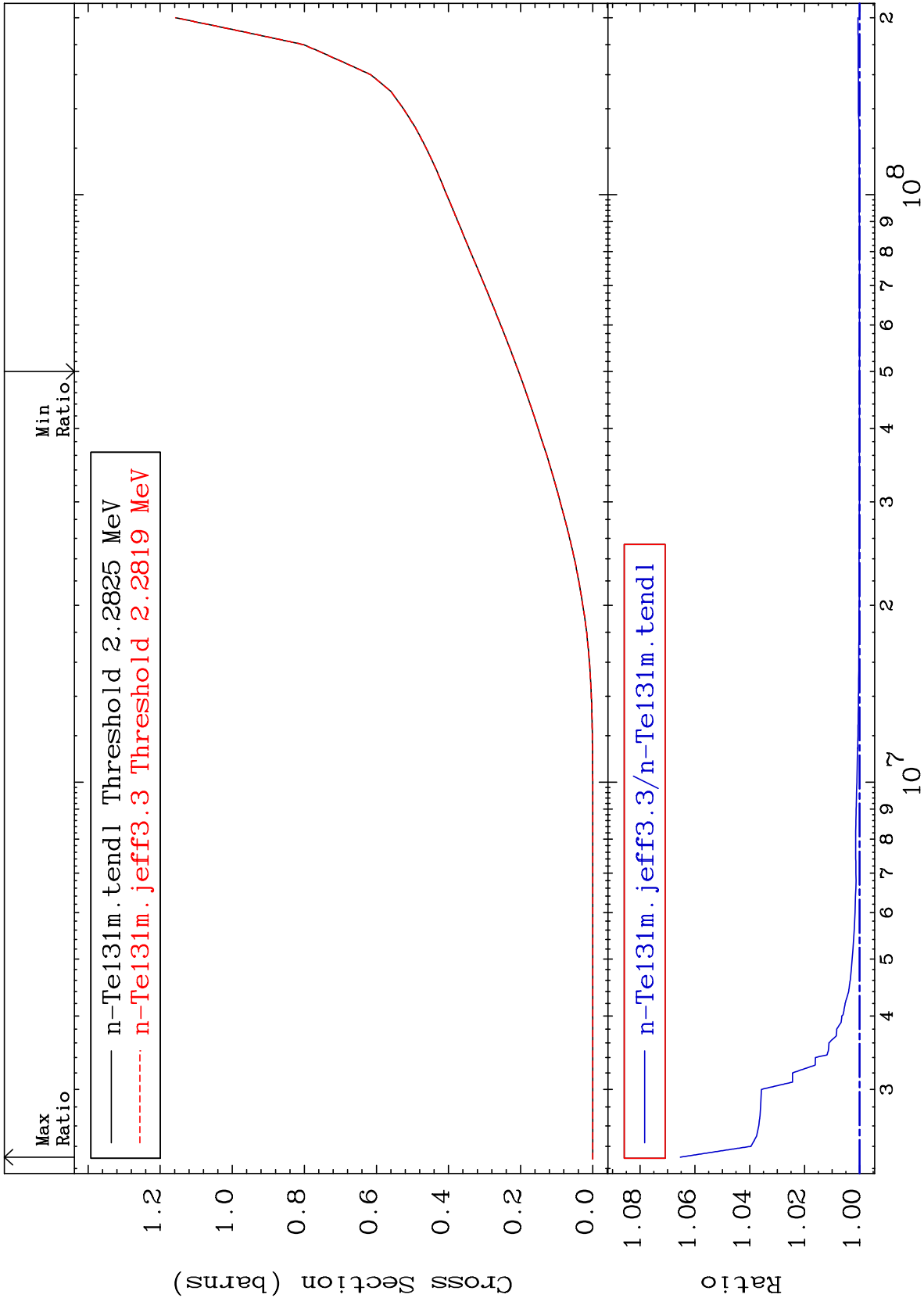
Cross Section

-7.775 To 9999. %





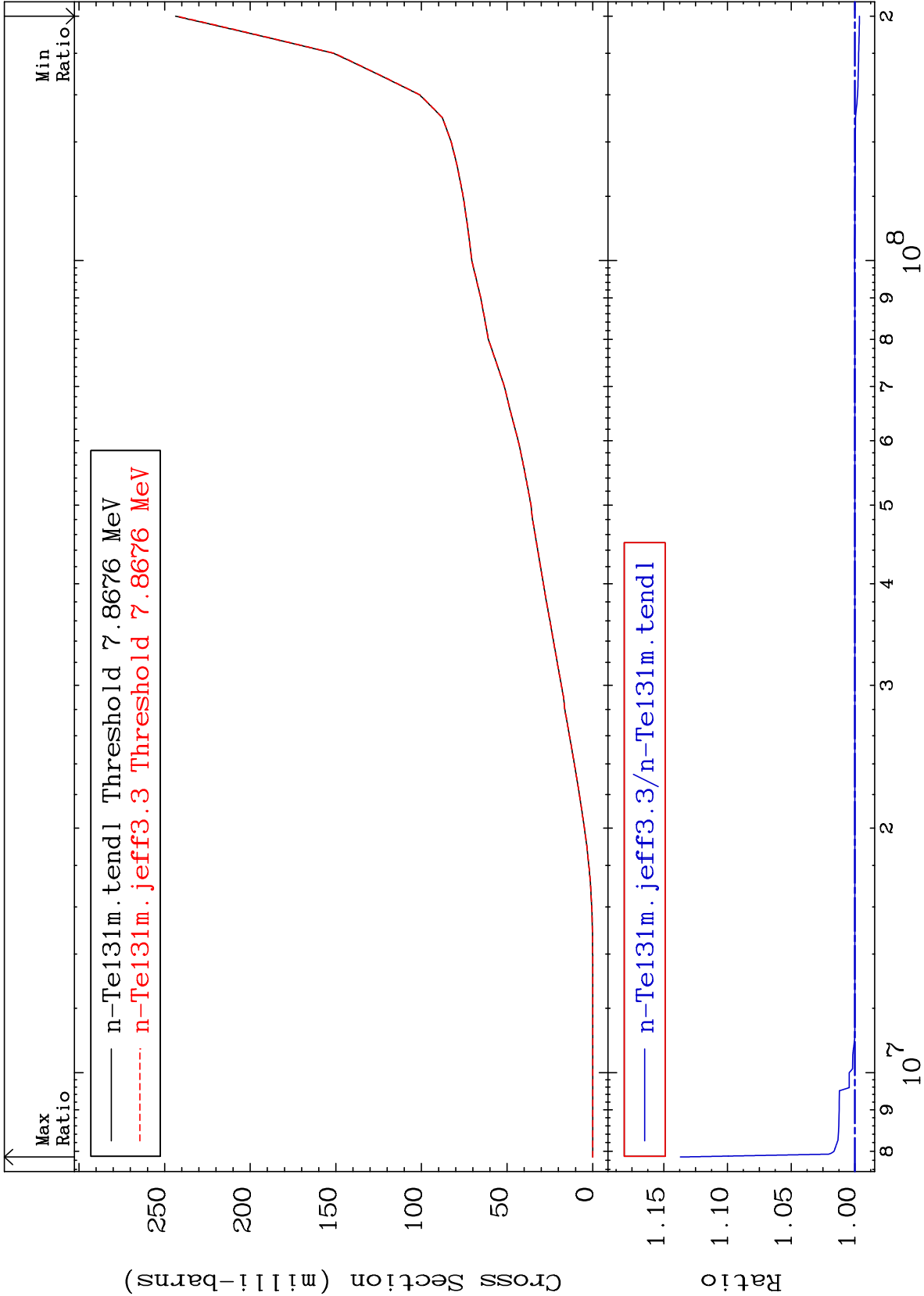




MAT 5259

Deuterium Production
Cross Section

52-Te-131
-0.360 To 13.70 %



57

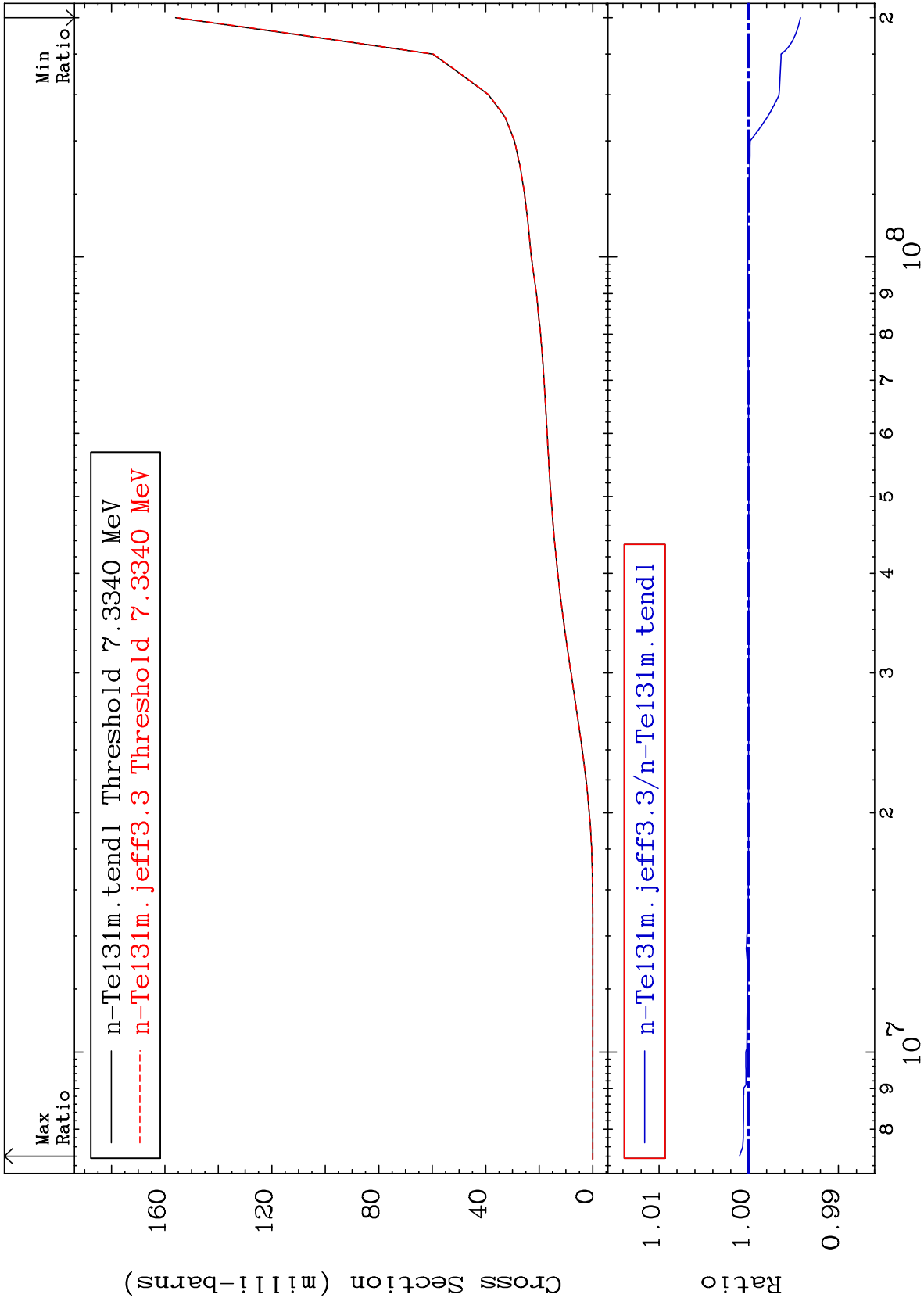
Incident Energy (eV)

52-Te-131

MAT 5259

Tritium Production
Cross Section

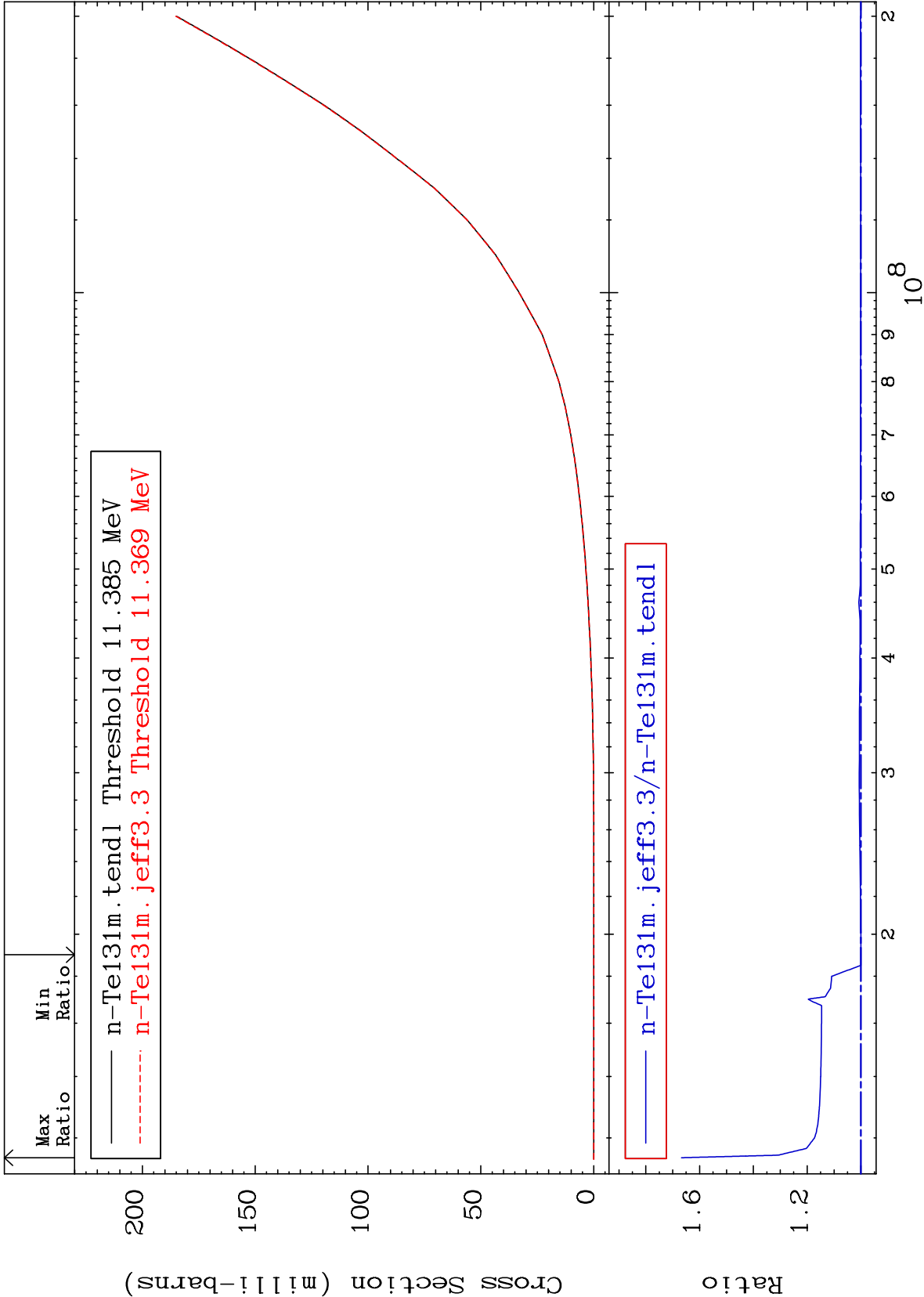
52-Te-131
-0.575 To 0.103 %



58

Incident Energy (eV)

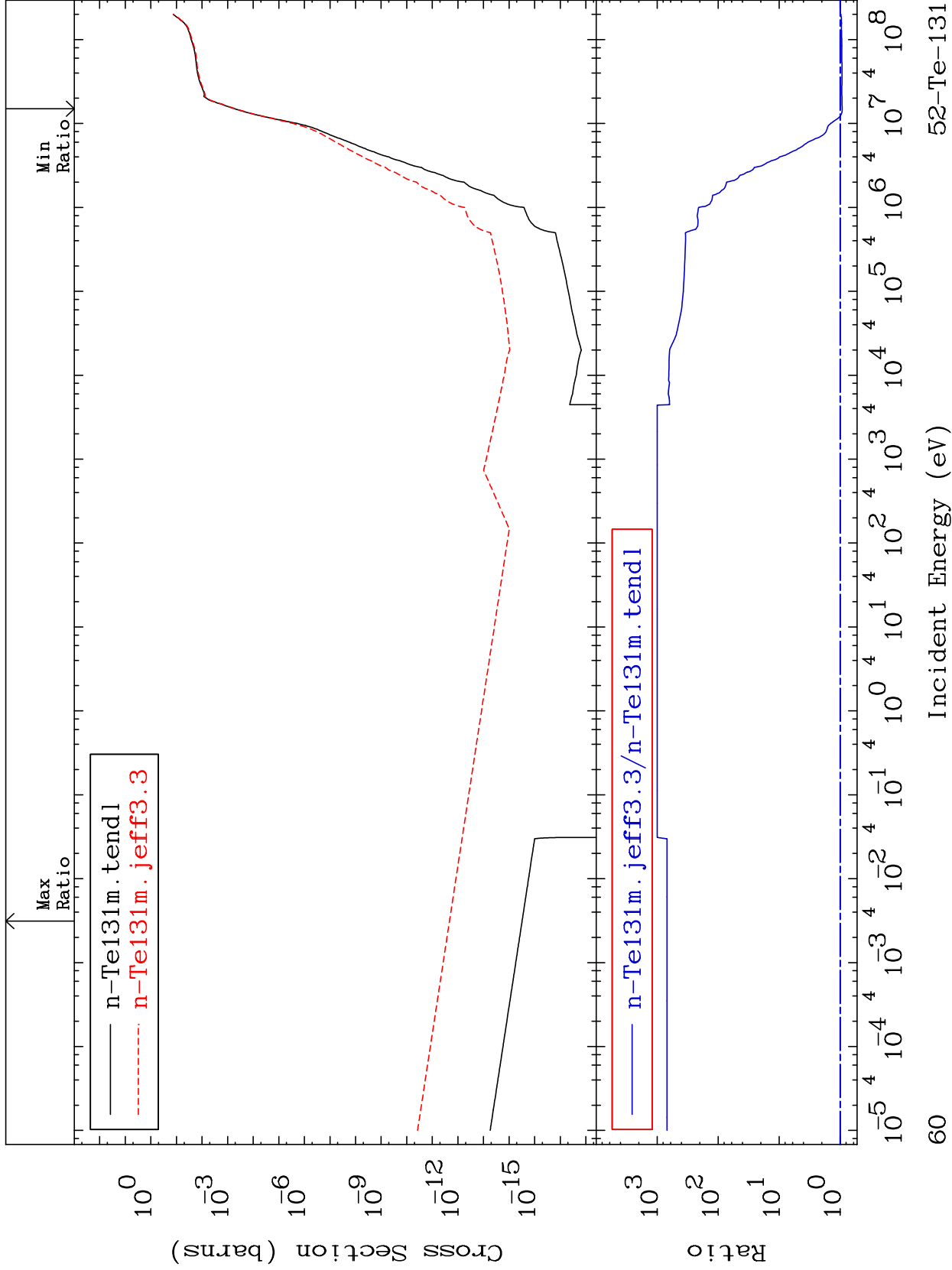
52-Te-131

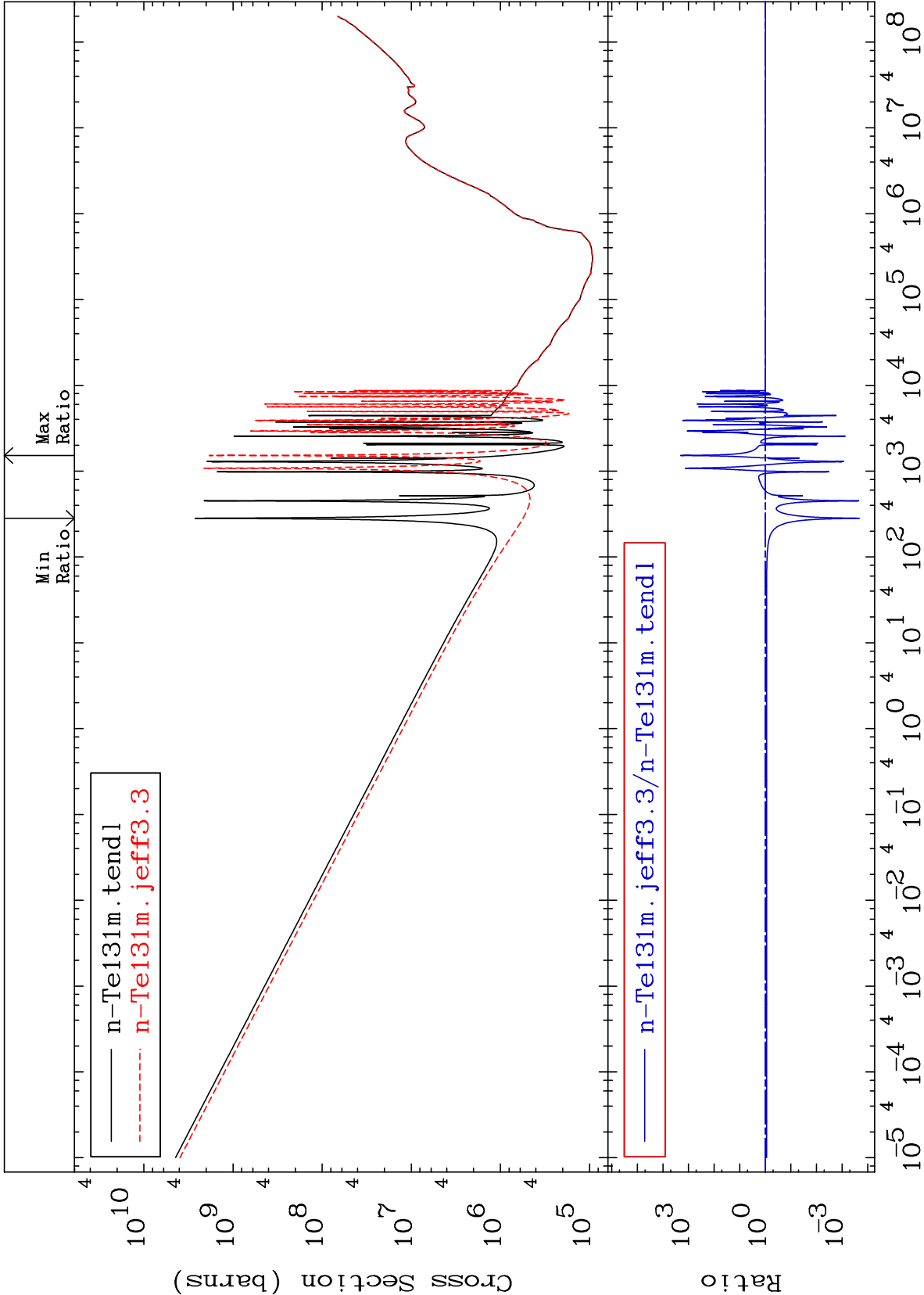


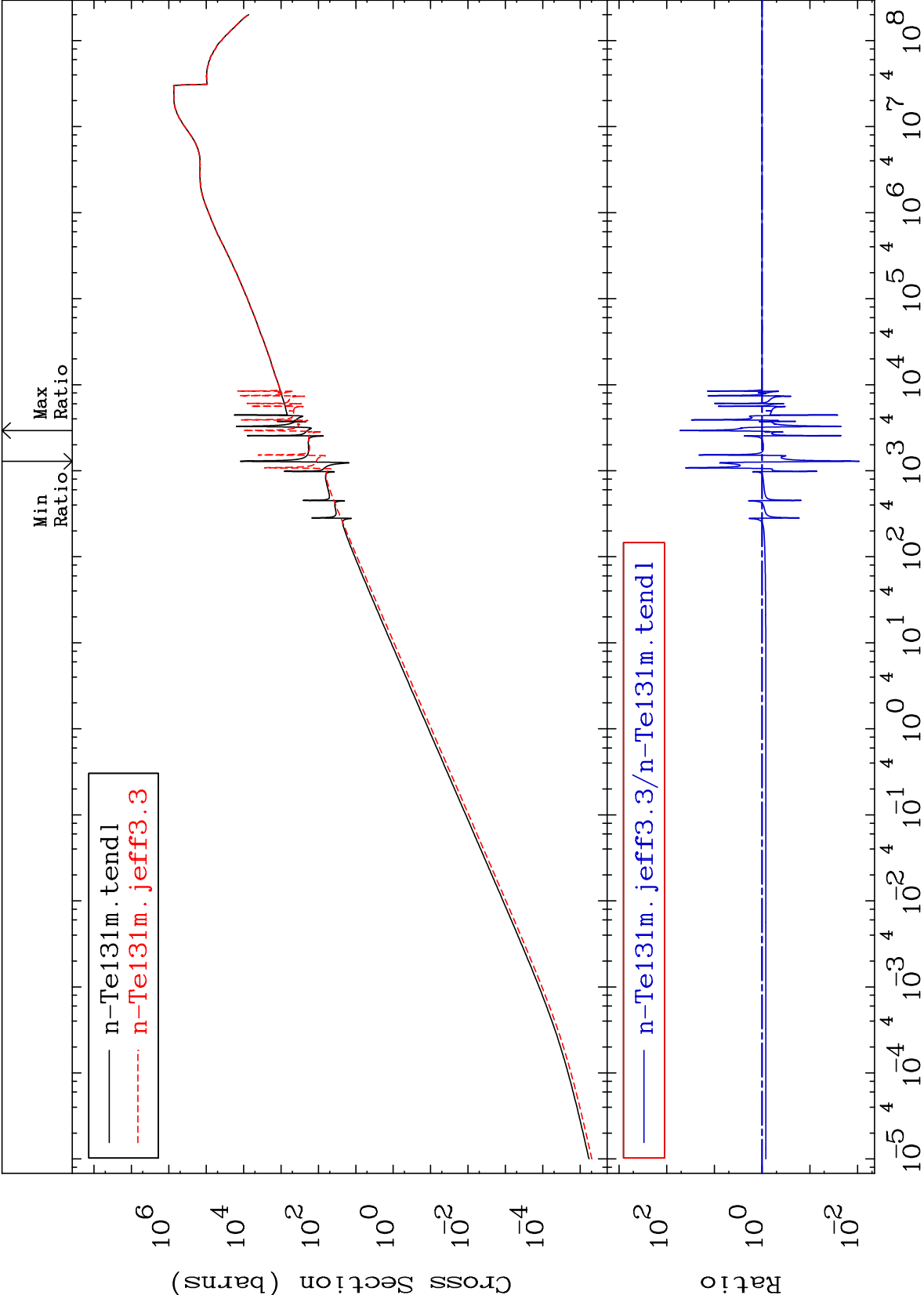
MAT 5259

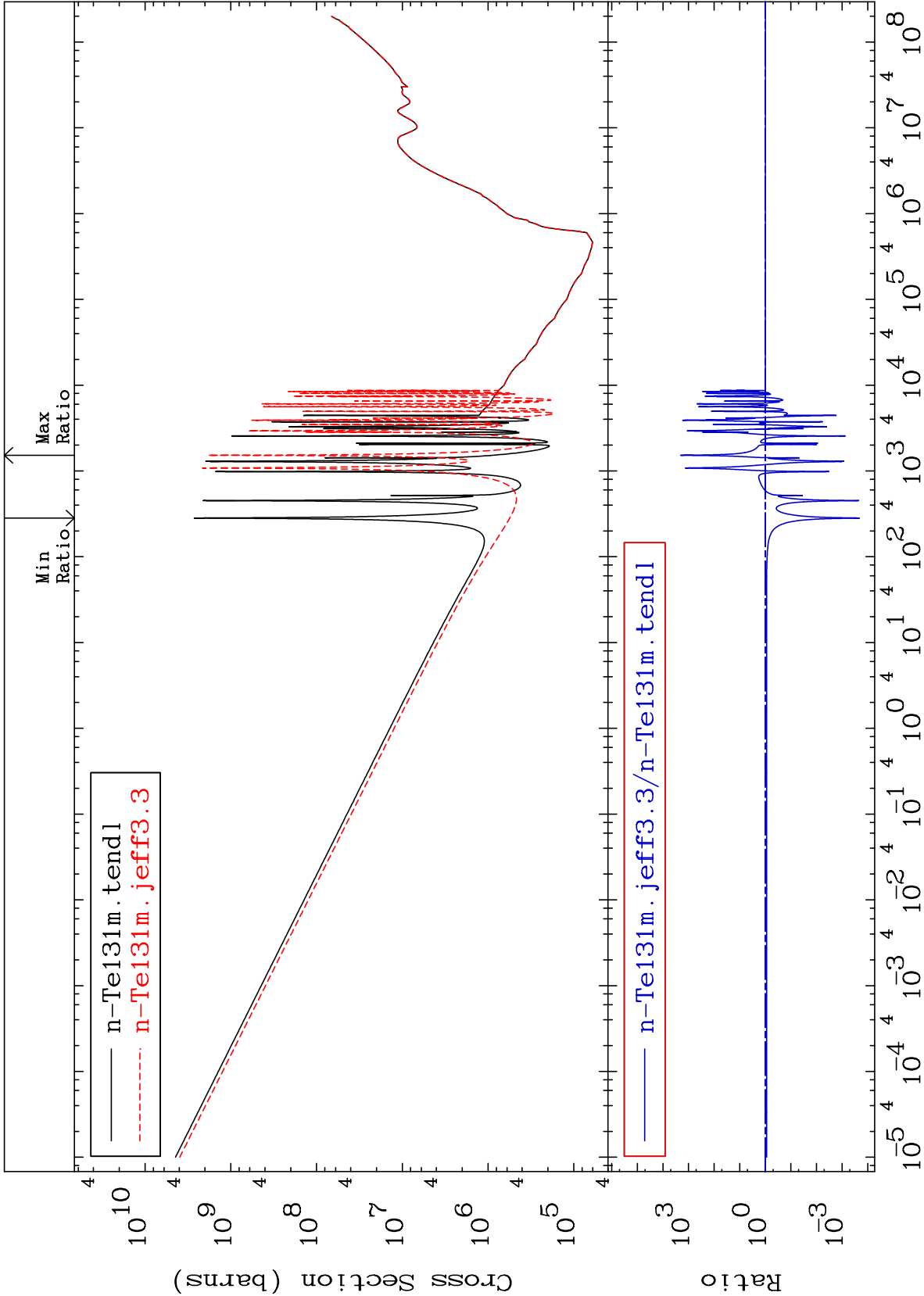
He-4 Production
Cross Section

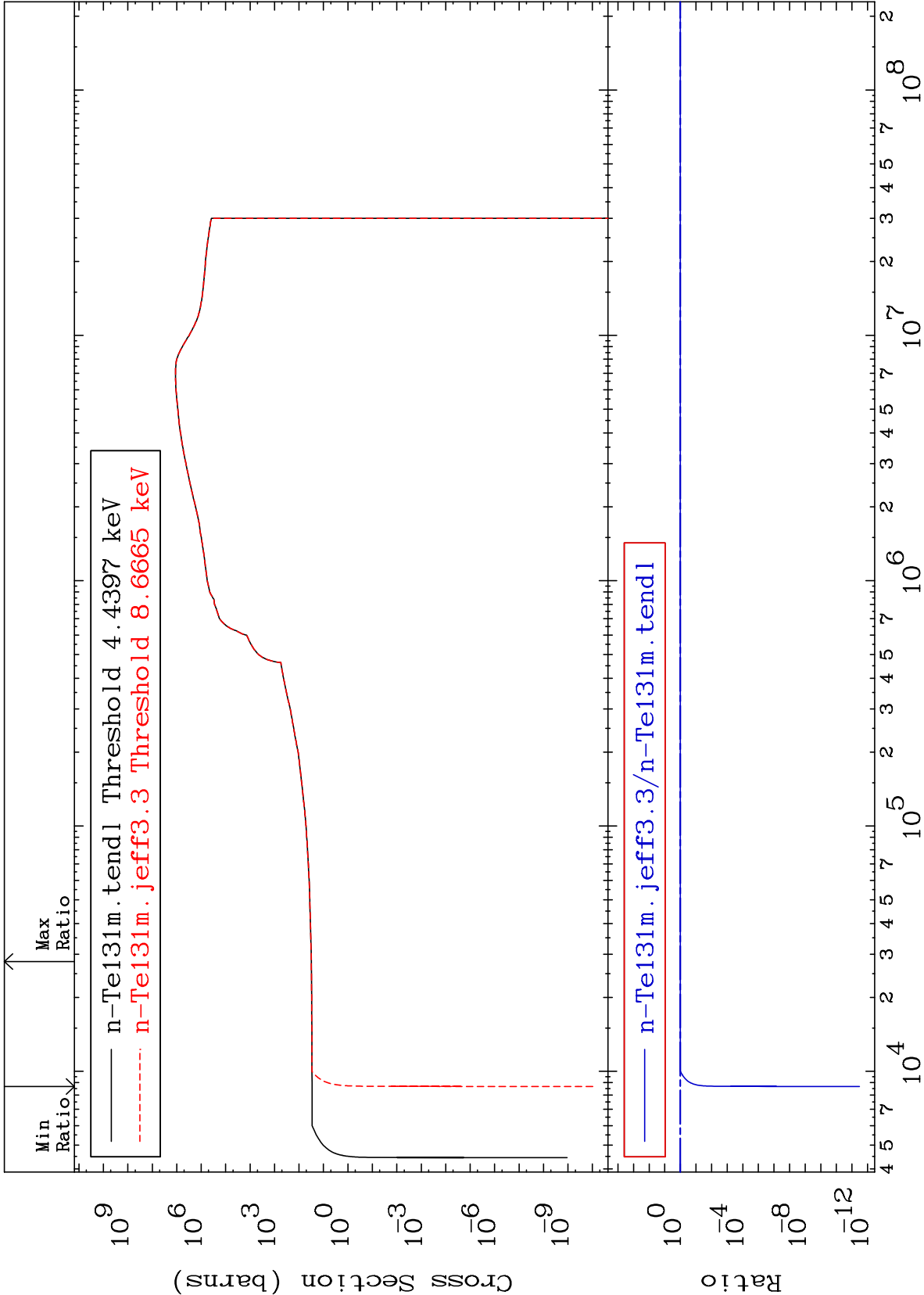
52-Te-131
-7.365 To 9999. %

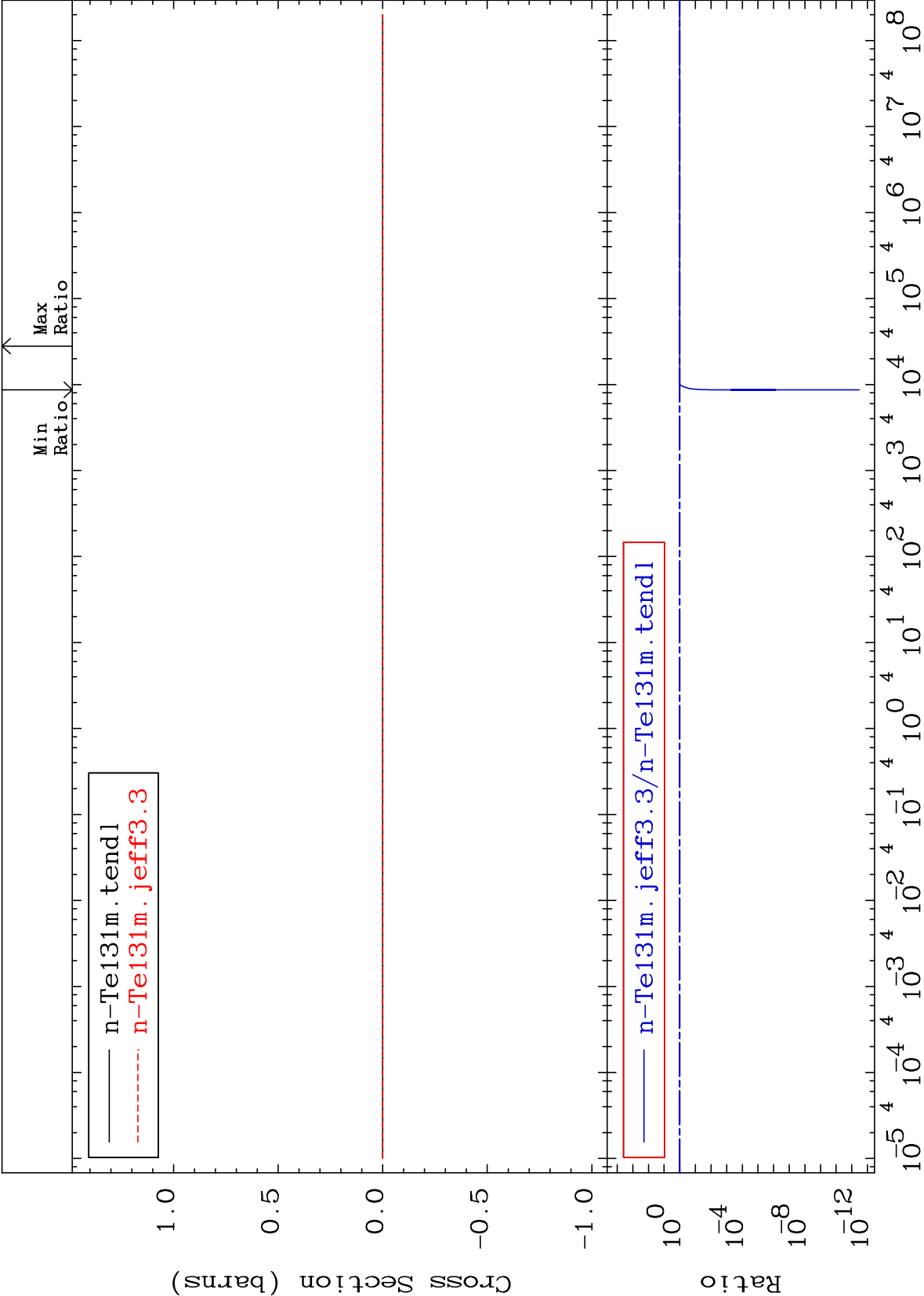


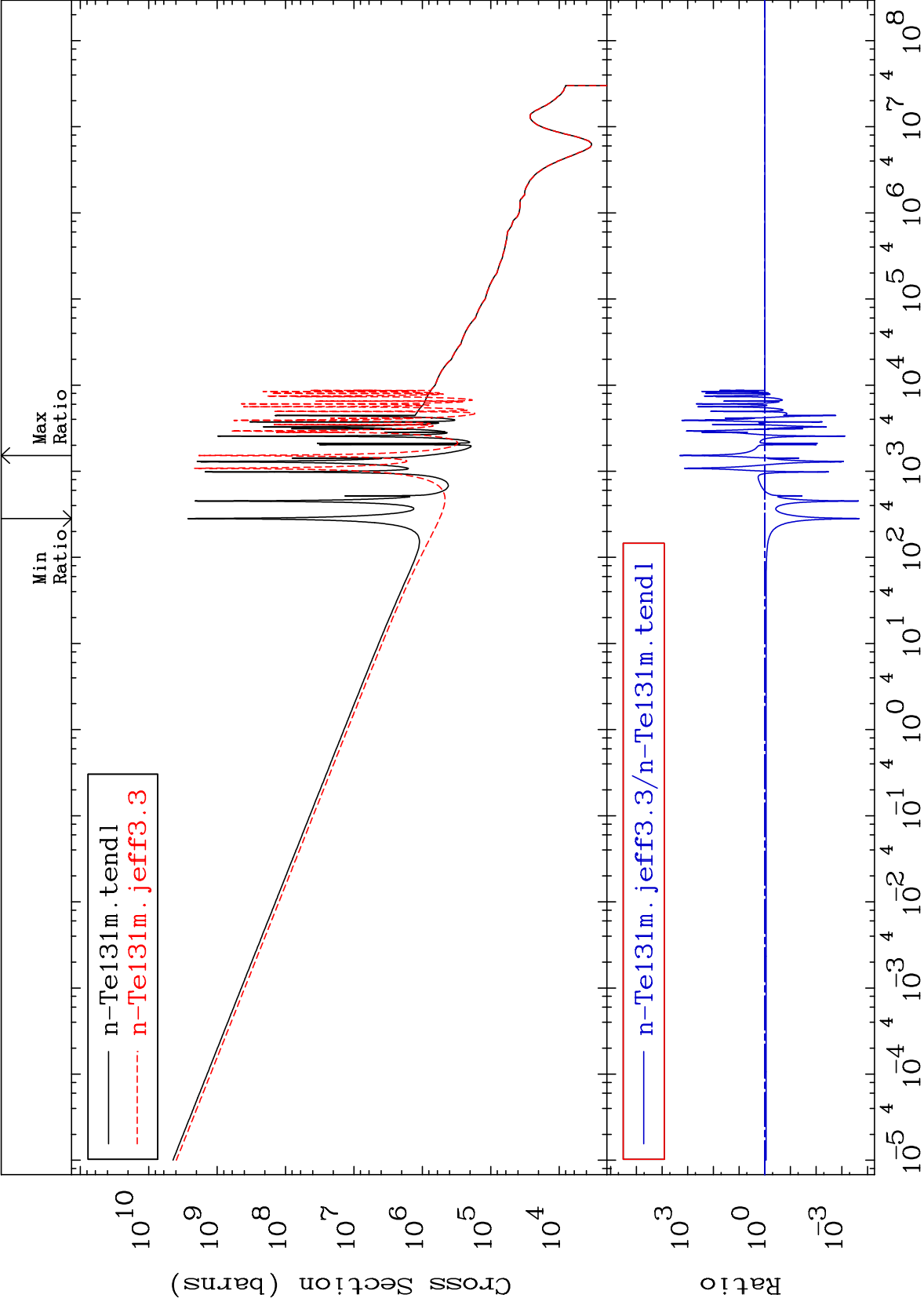


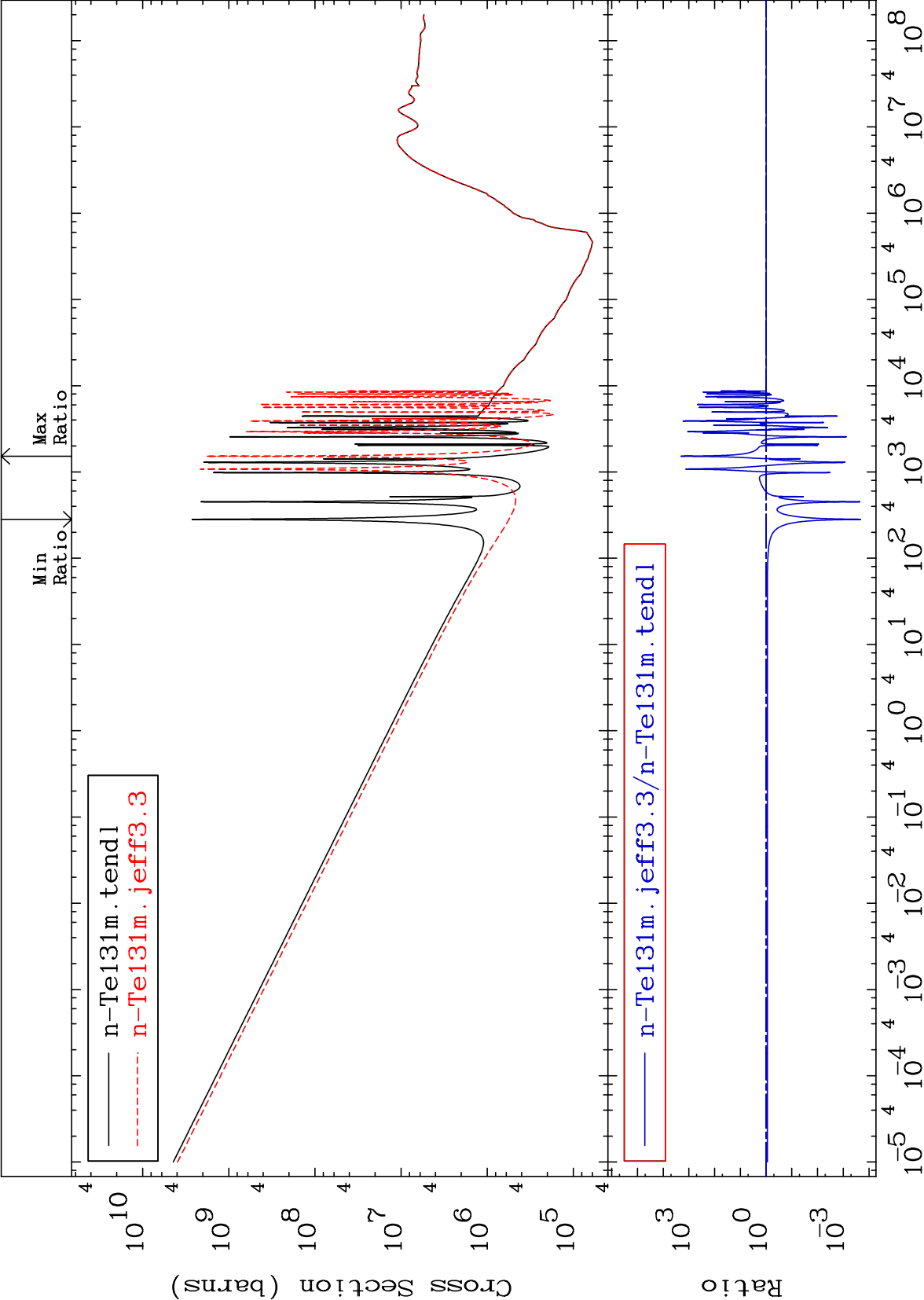


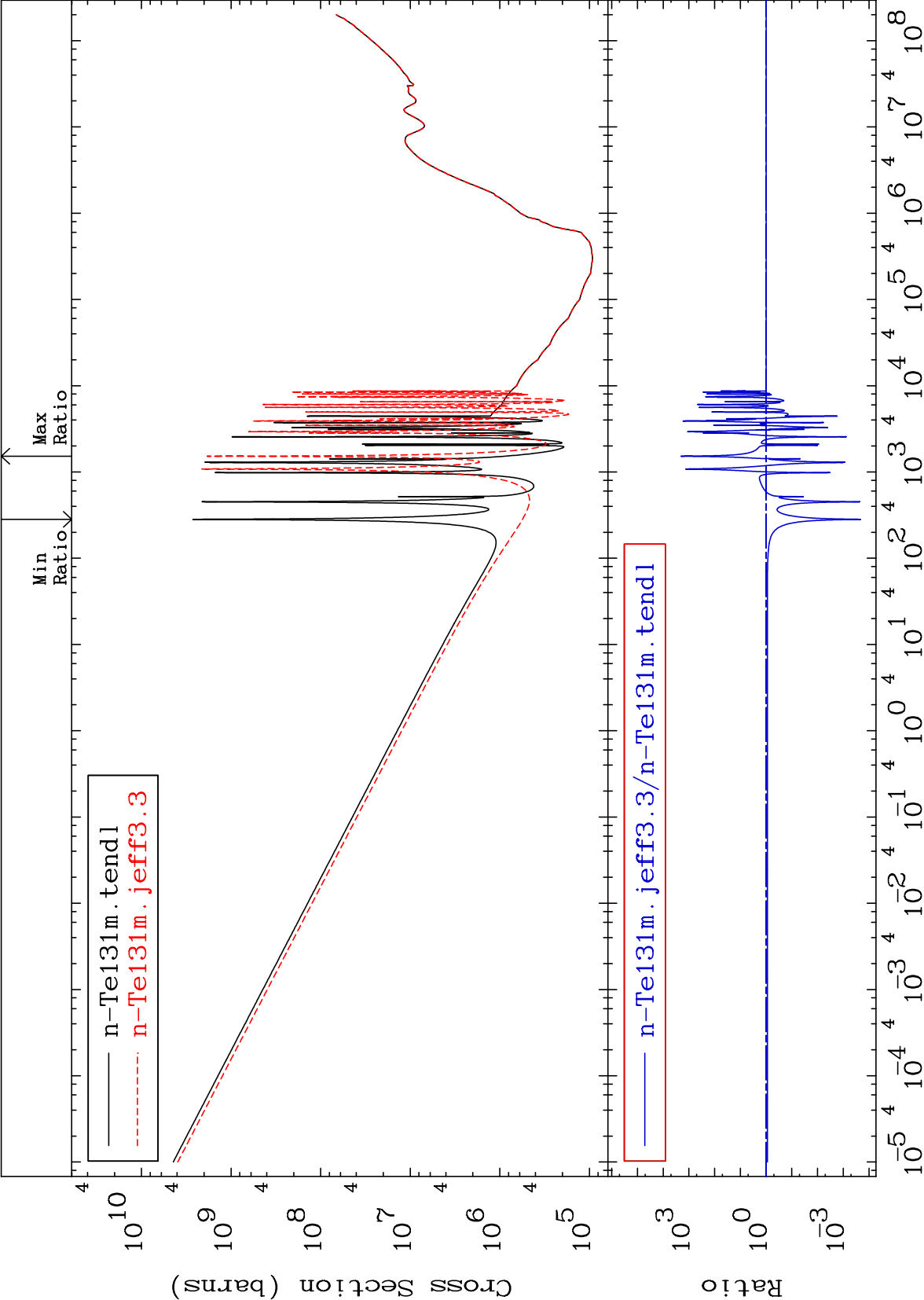


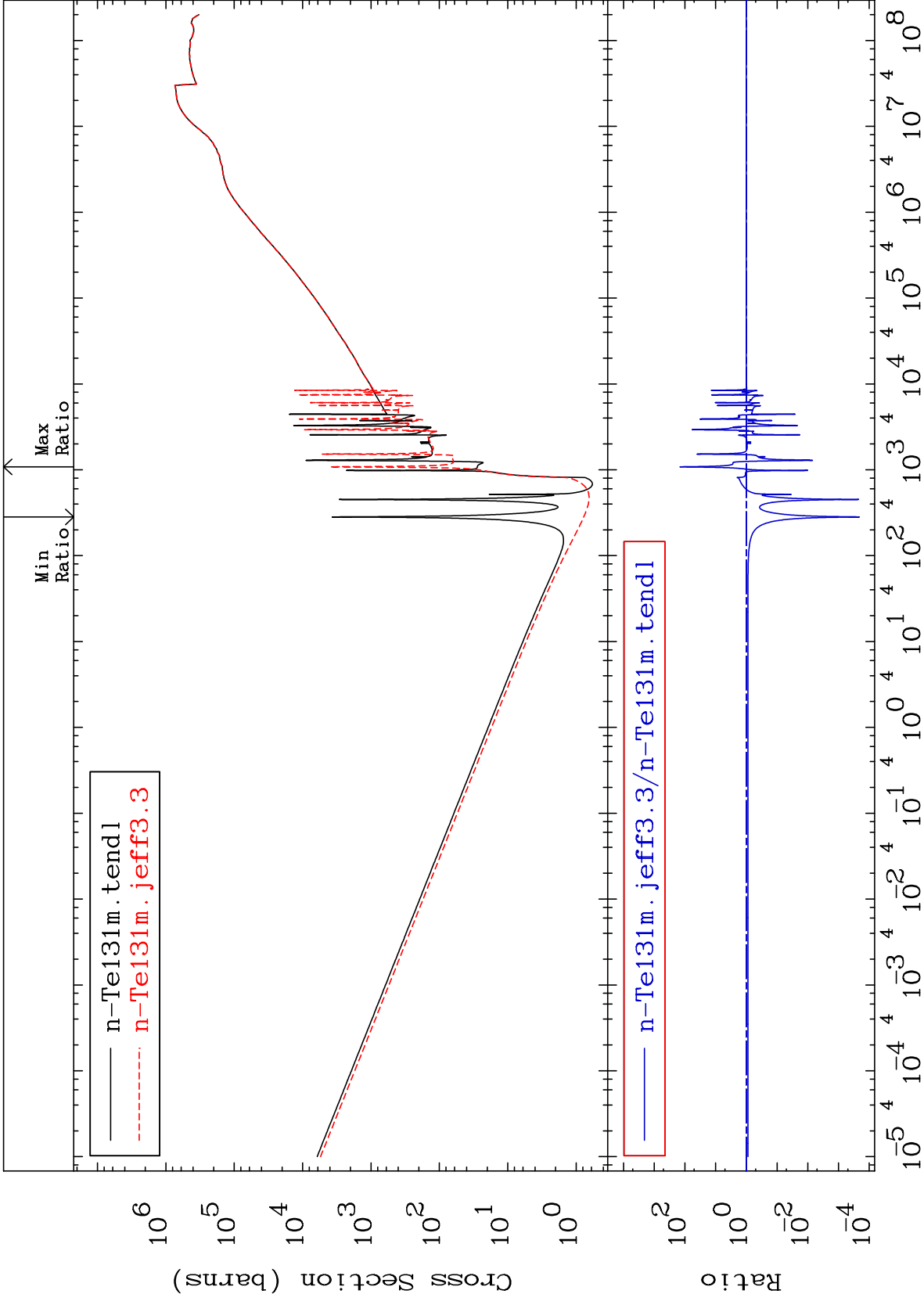








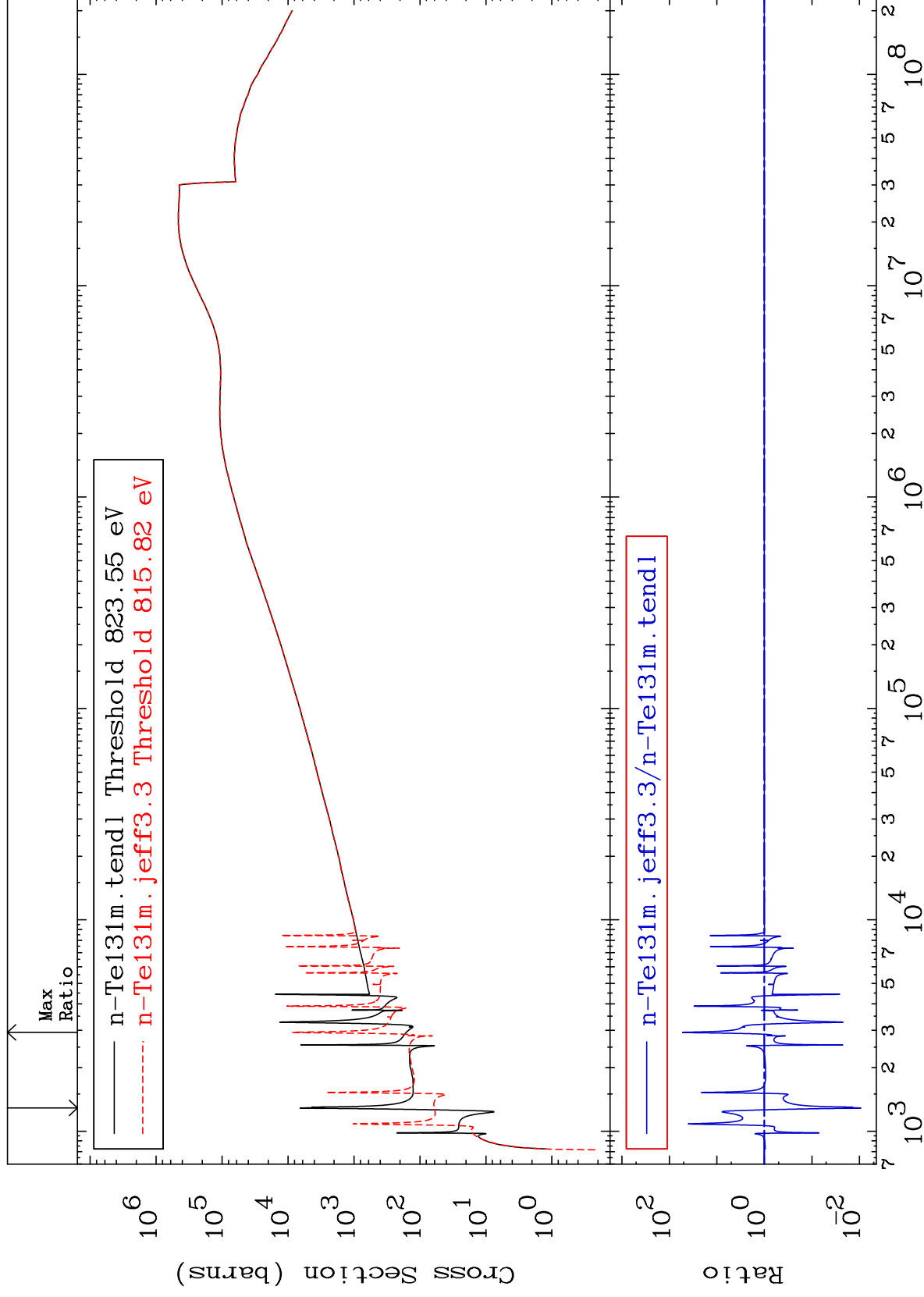


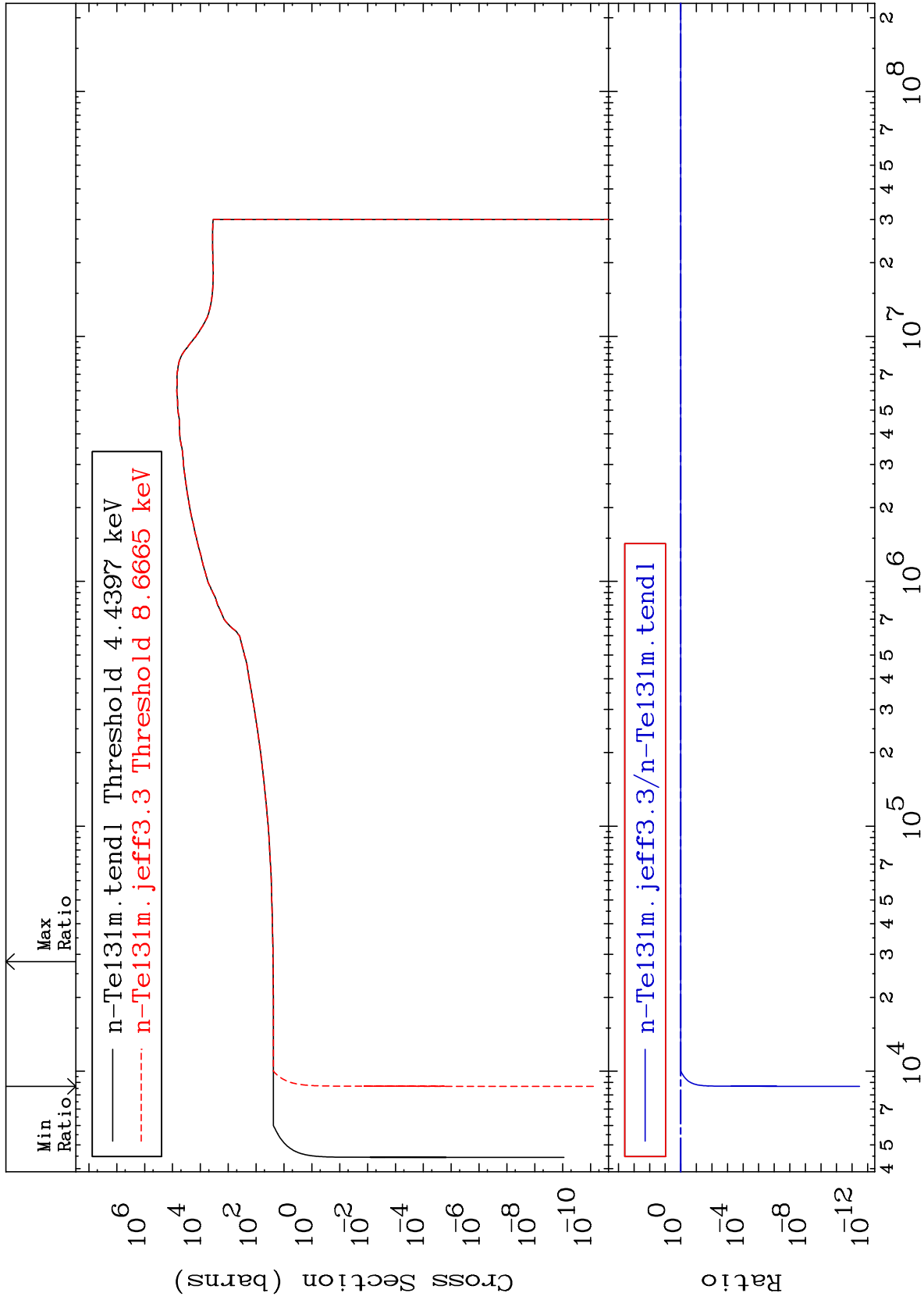


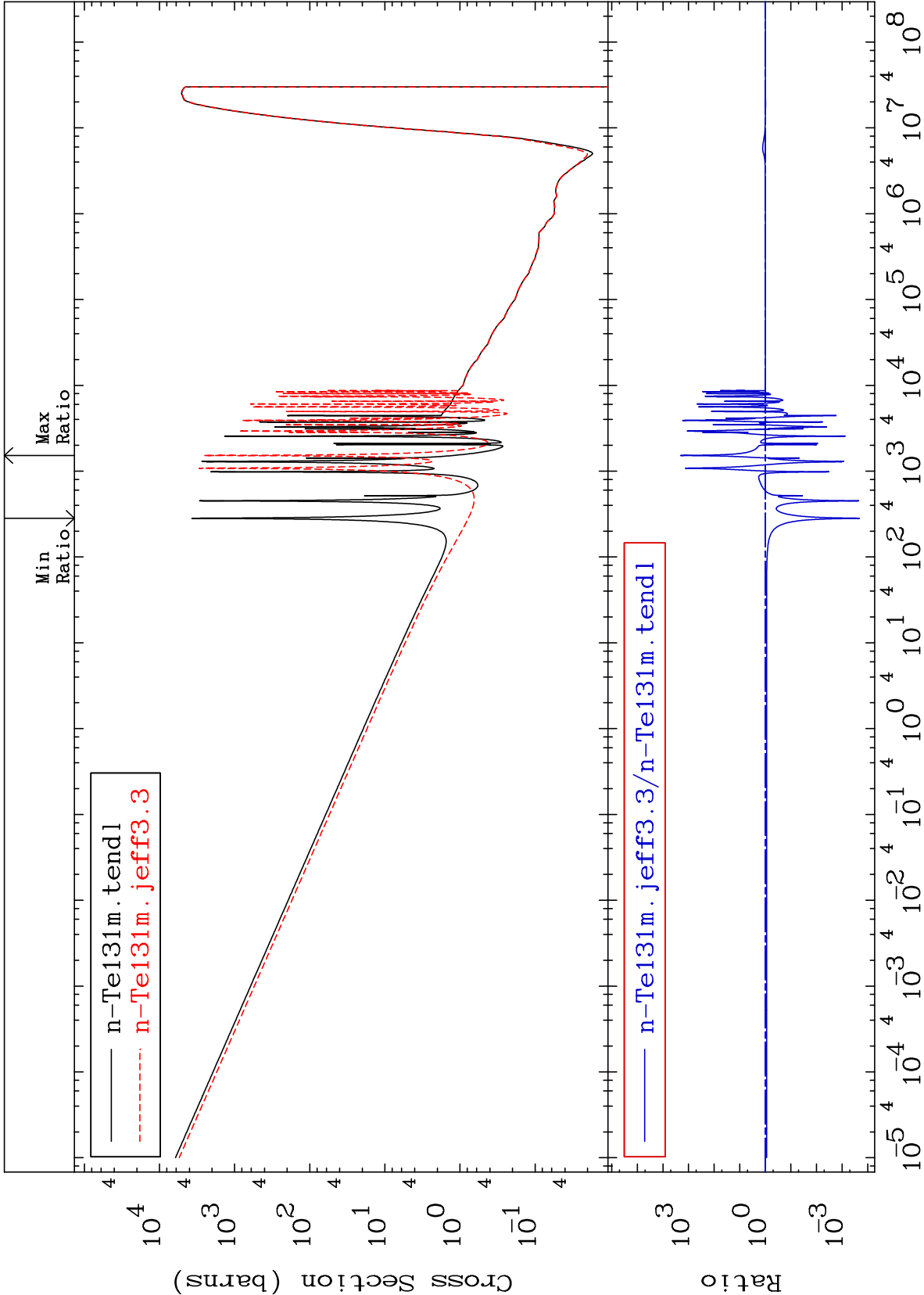
MAT 5259

Dpa elastic (mt2)
Cross Section

52-Te-131
-99.08 To 5231. %







MAT 5259

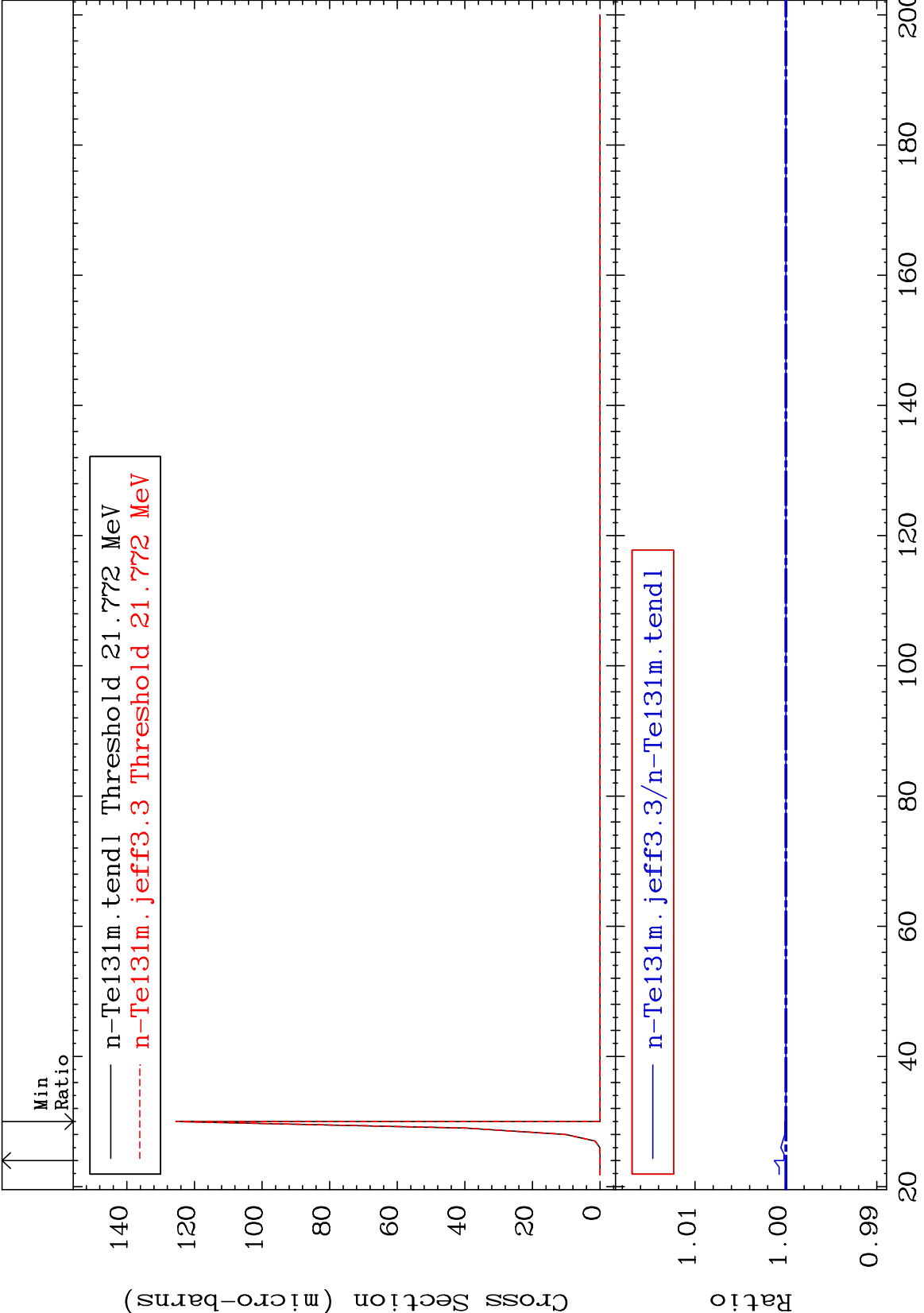
(n,2n) d:51-Sb-128g

52-Te-131

Radionuclide Production Cross Section

0.000

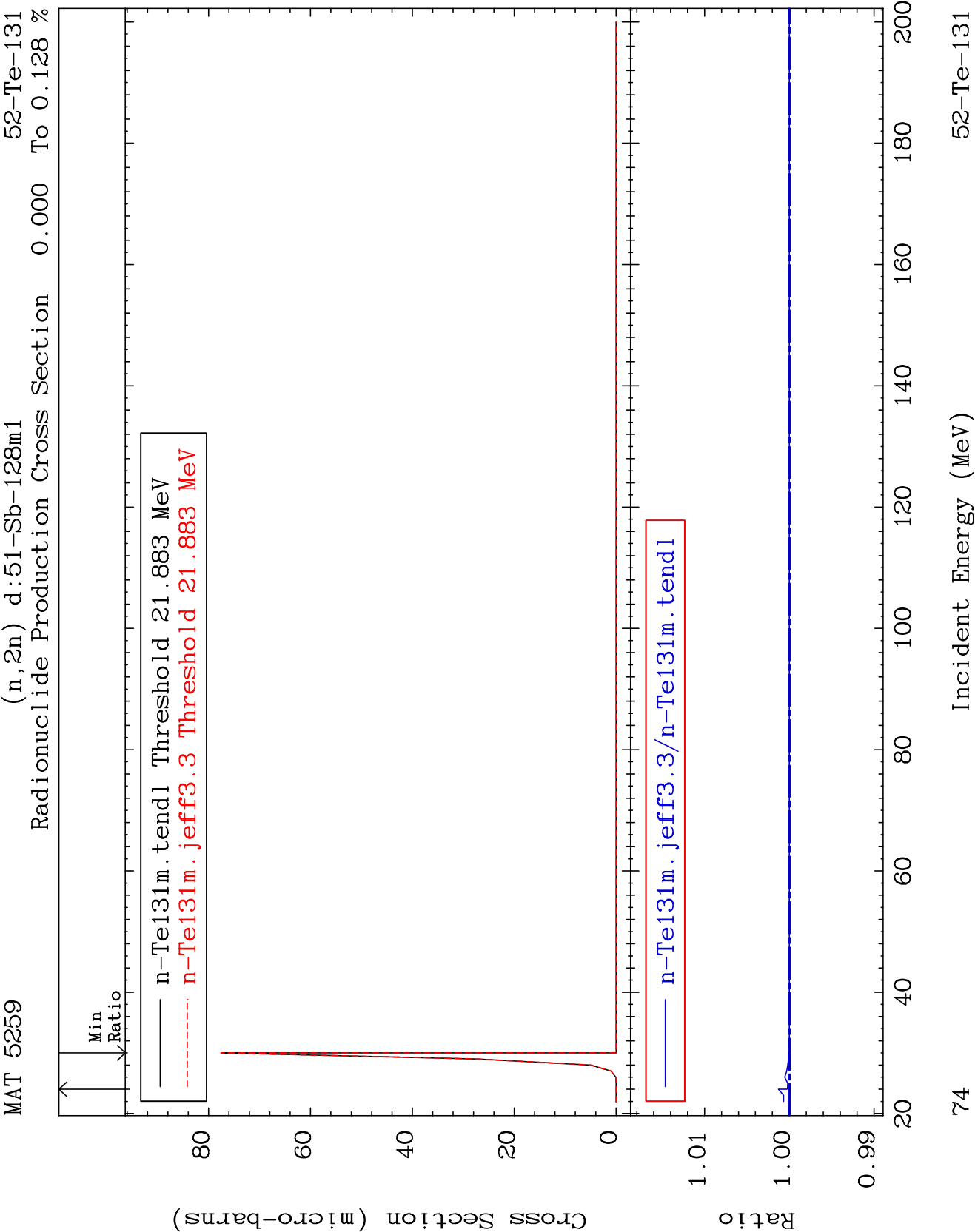
To 0.128 %



73

Incident Energy (MeV)

52-Te-131



MAT 5259

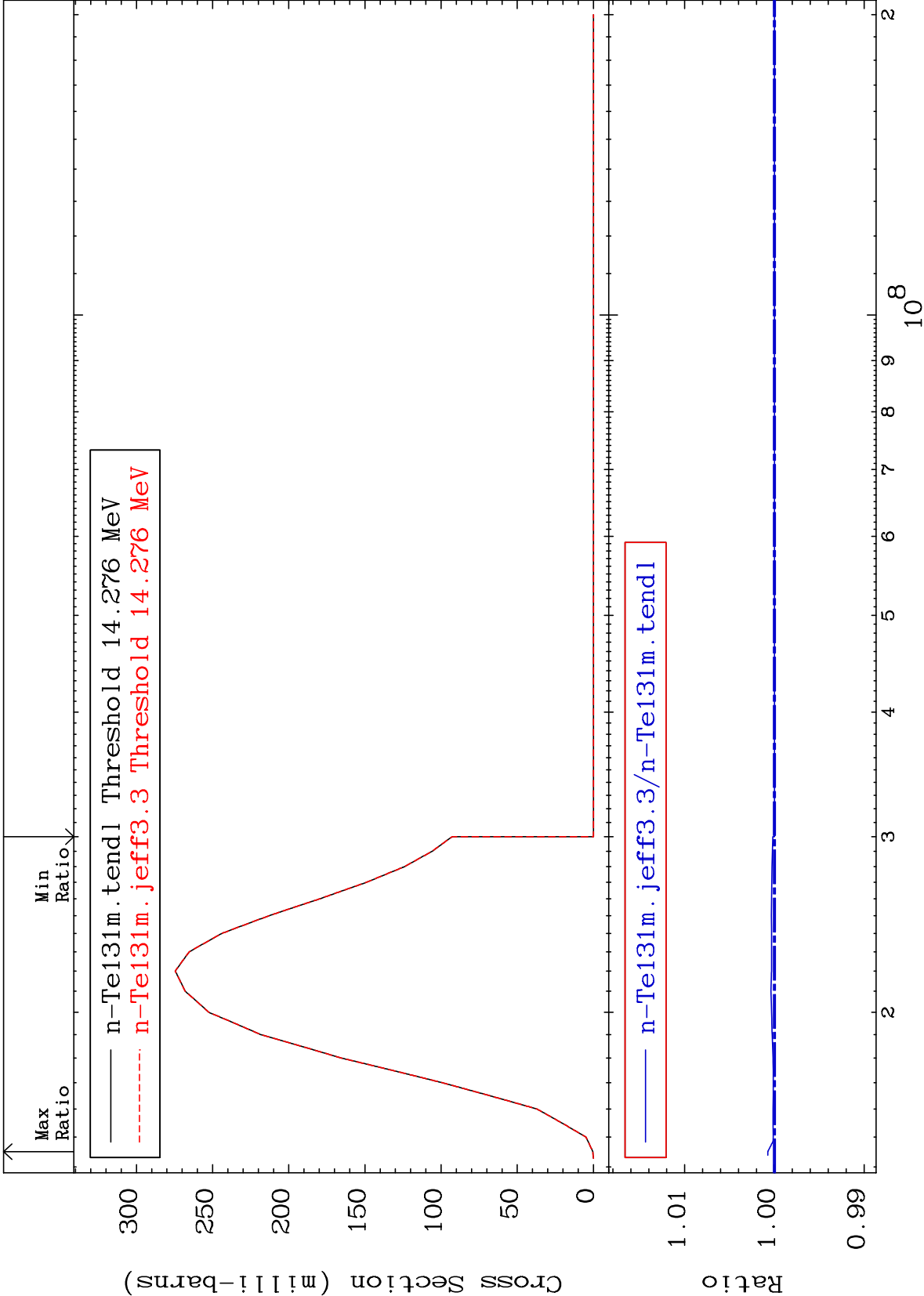
(n,3n):52-Te-129g

52-Te-131

Radionuclide Production Cross Section

0.000

To 0.074 %



MAT 5259

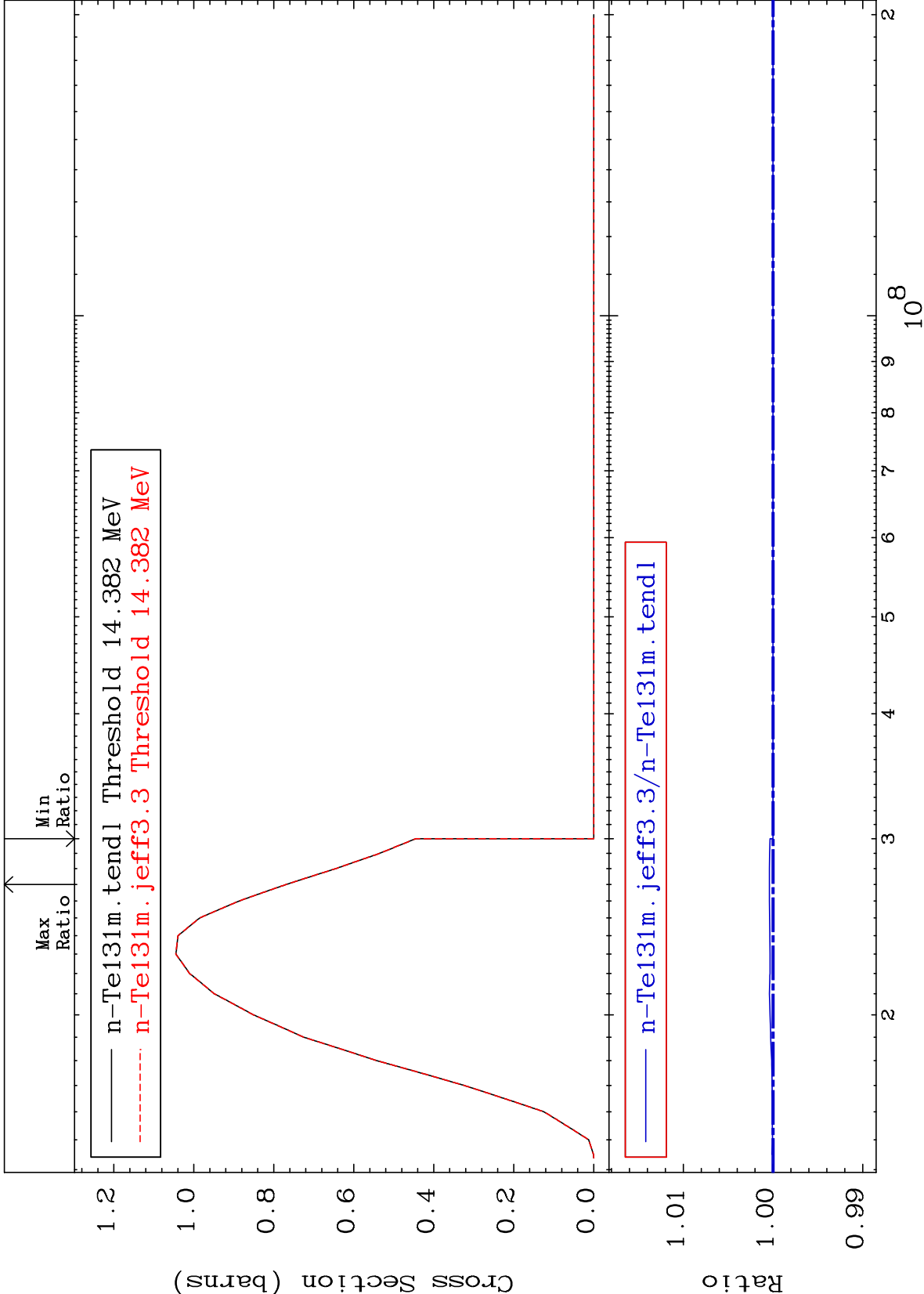
(n,3n):52-Te-129m1

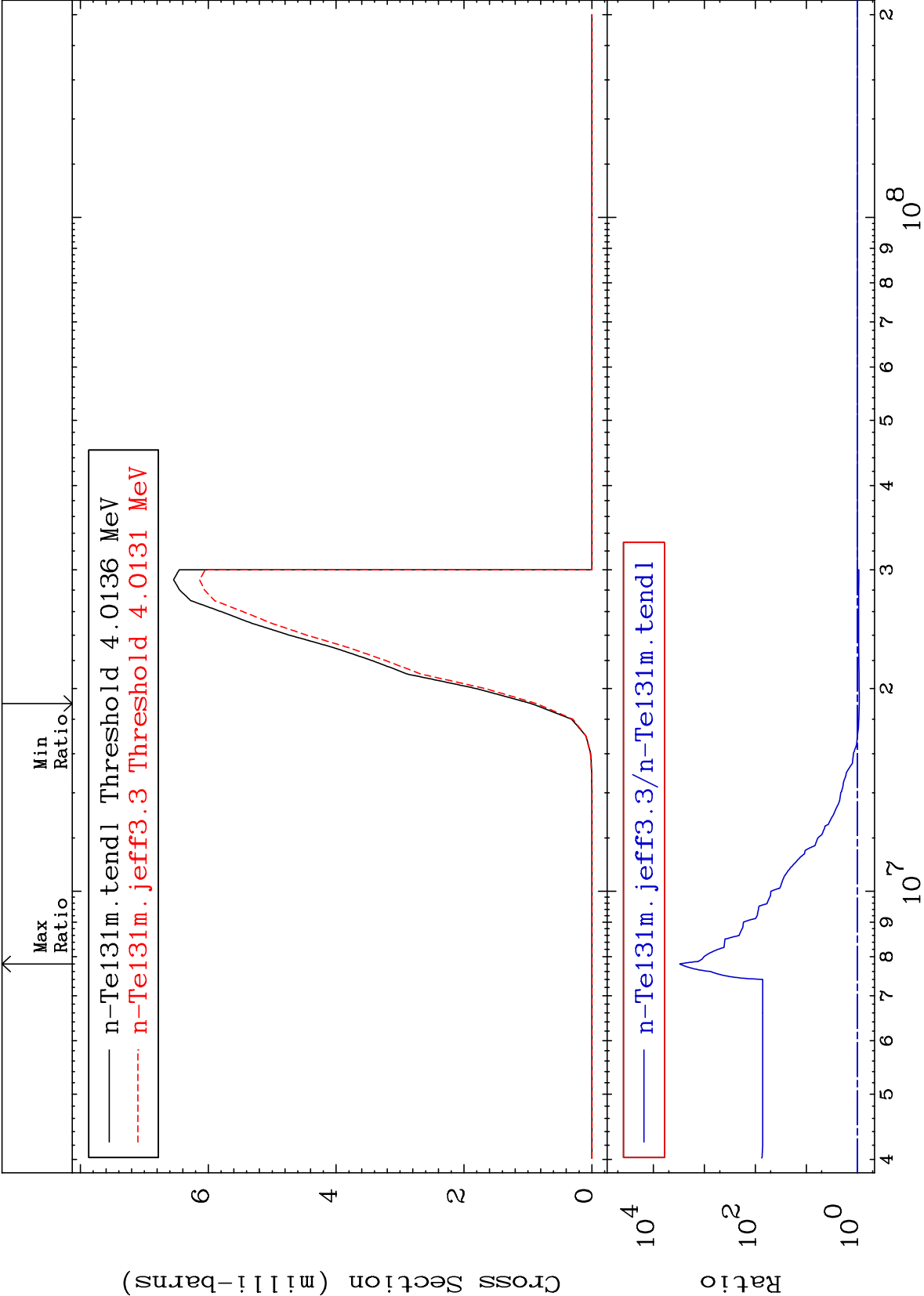
52-Te-131

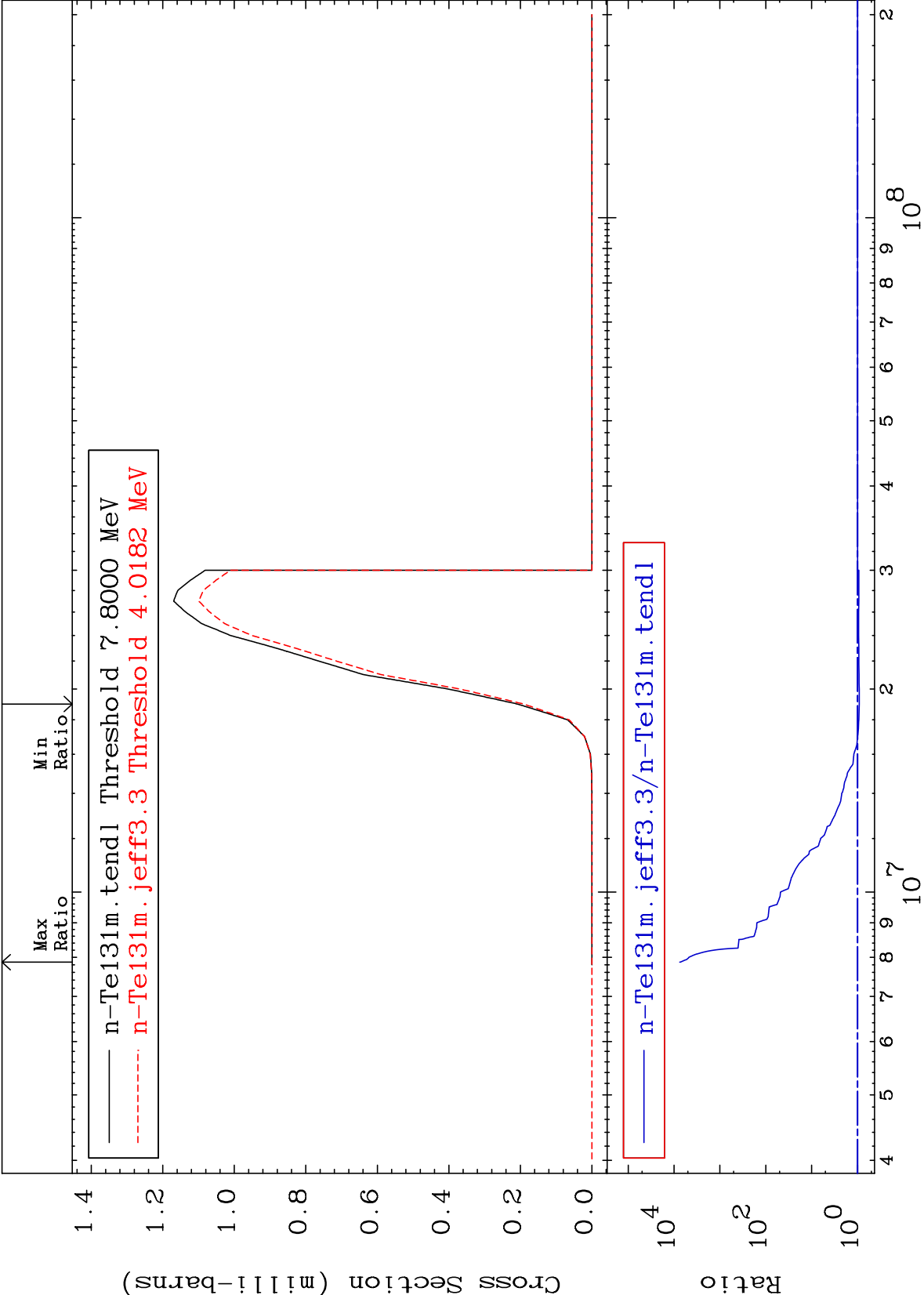
Radionuclide Production Cross Section

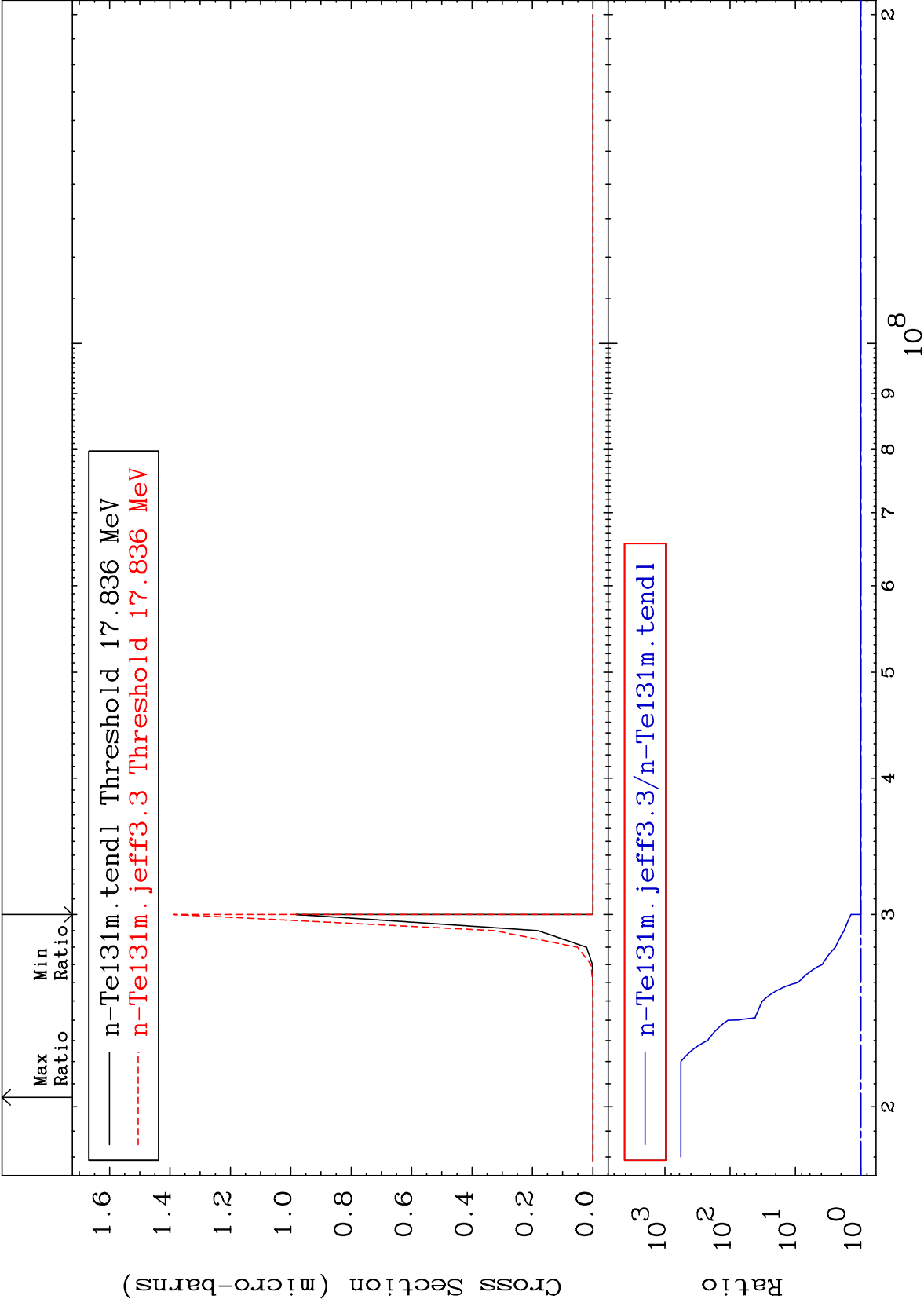
0.000

To 0.040 %









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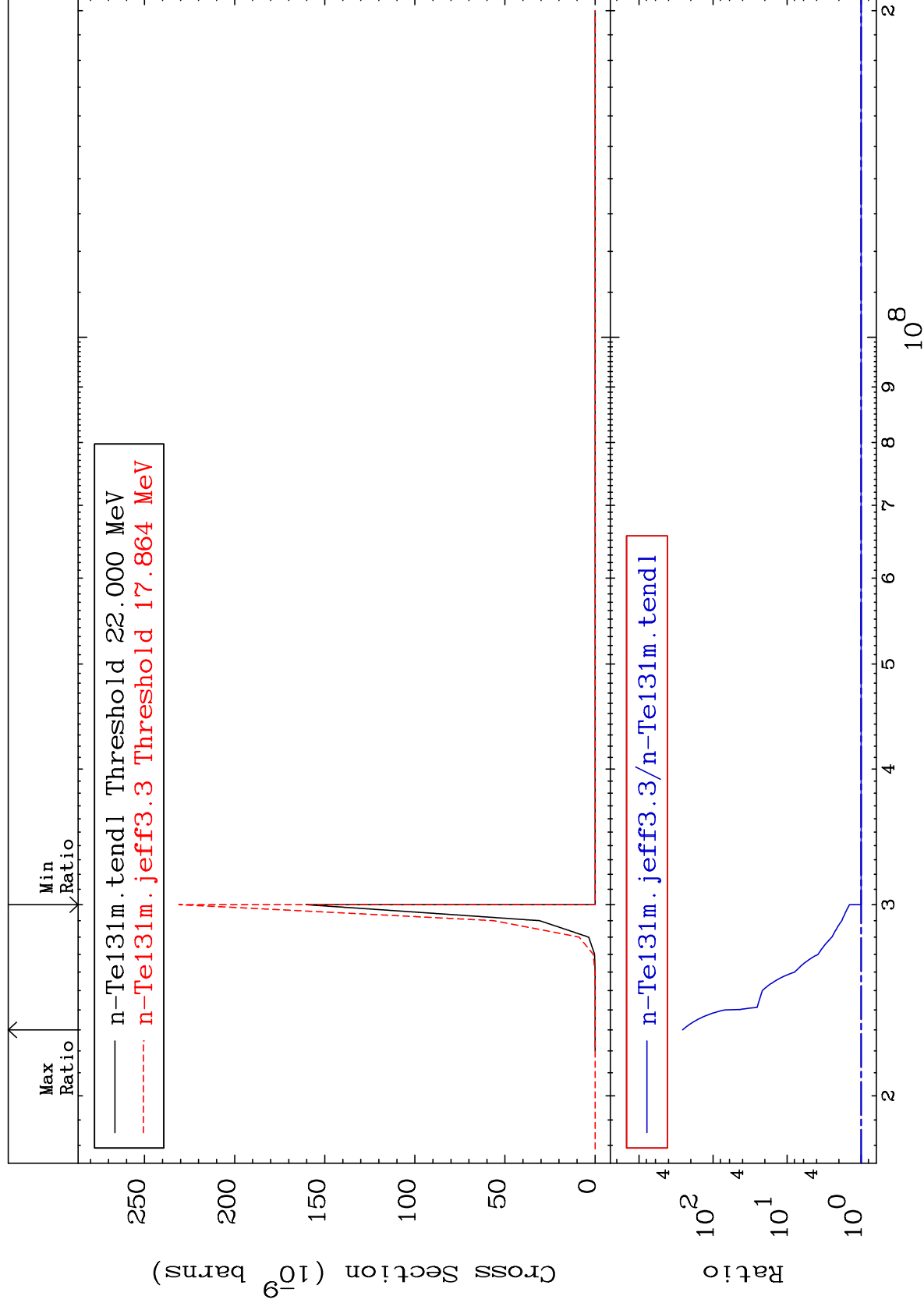
(n, 3n) α: 50-Sn-125m1

52-Te-131

Radionuclide Production Cross Section

0.000

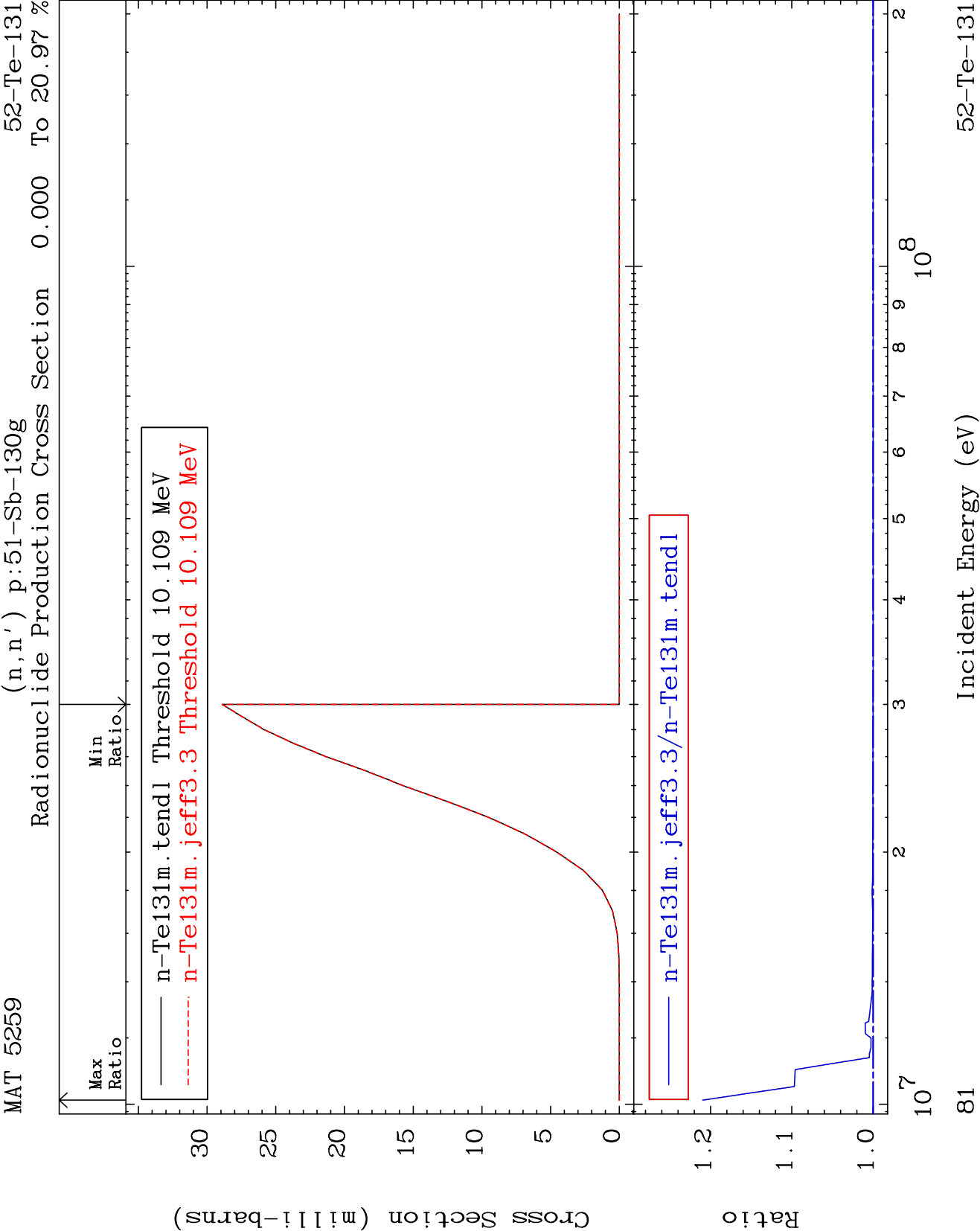
To 9999. %

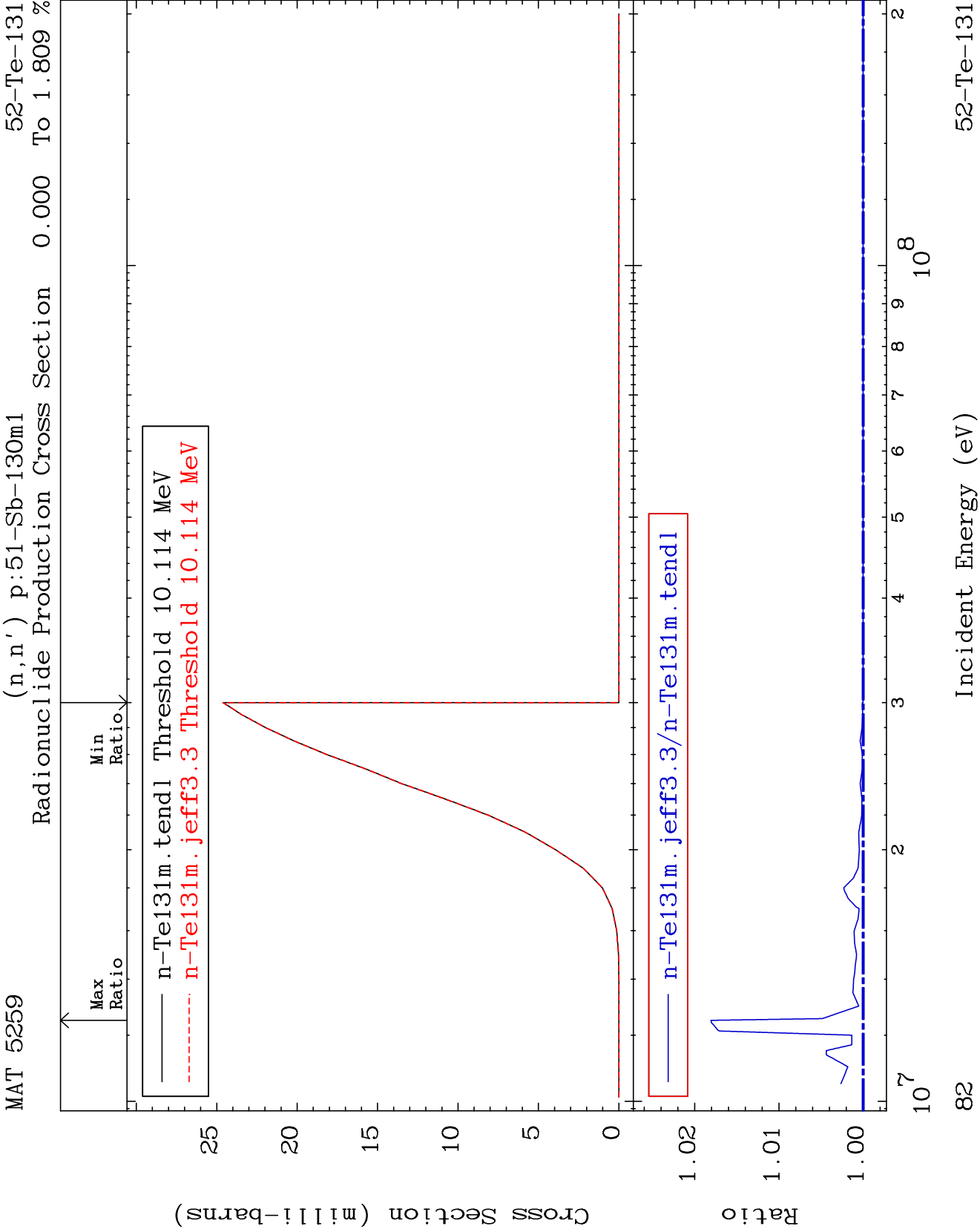


08

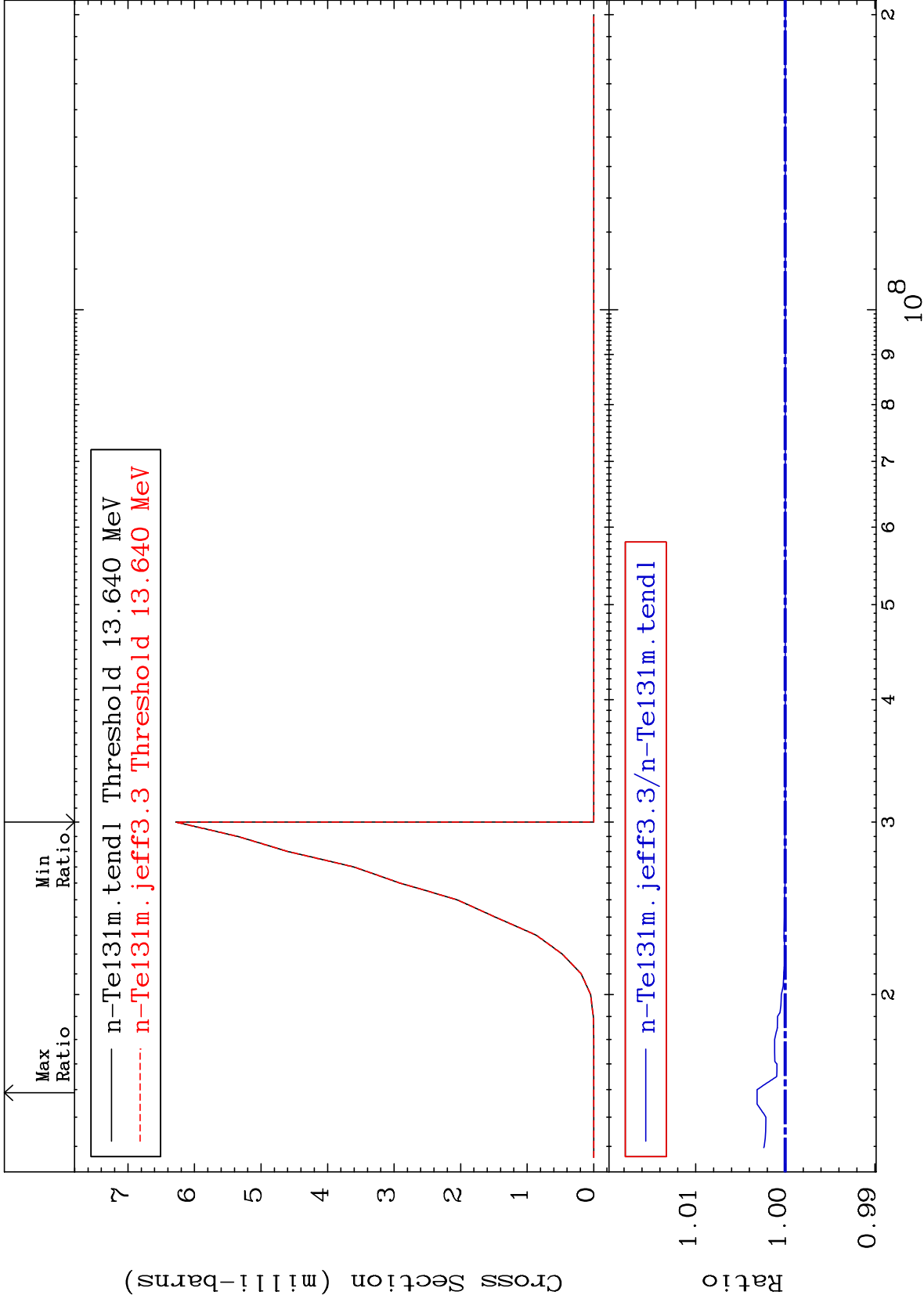
Incident Energy (eV)

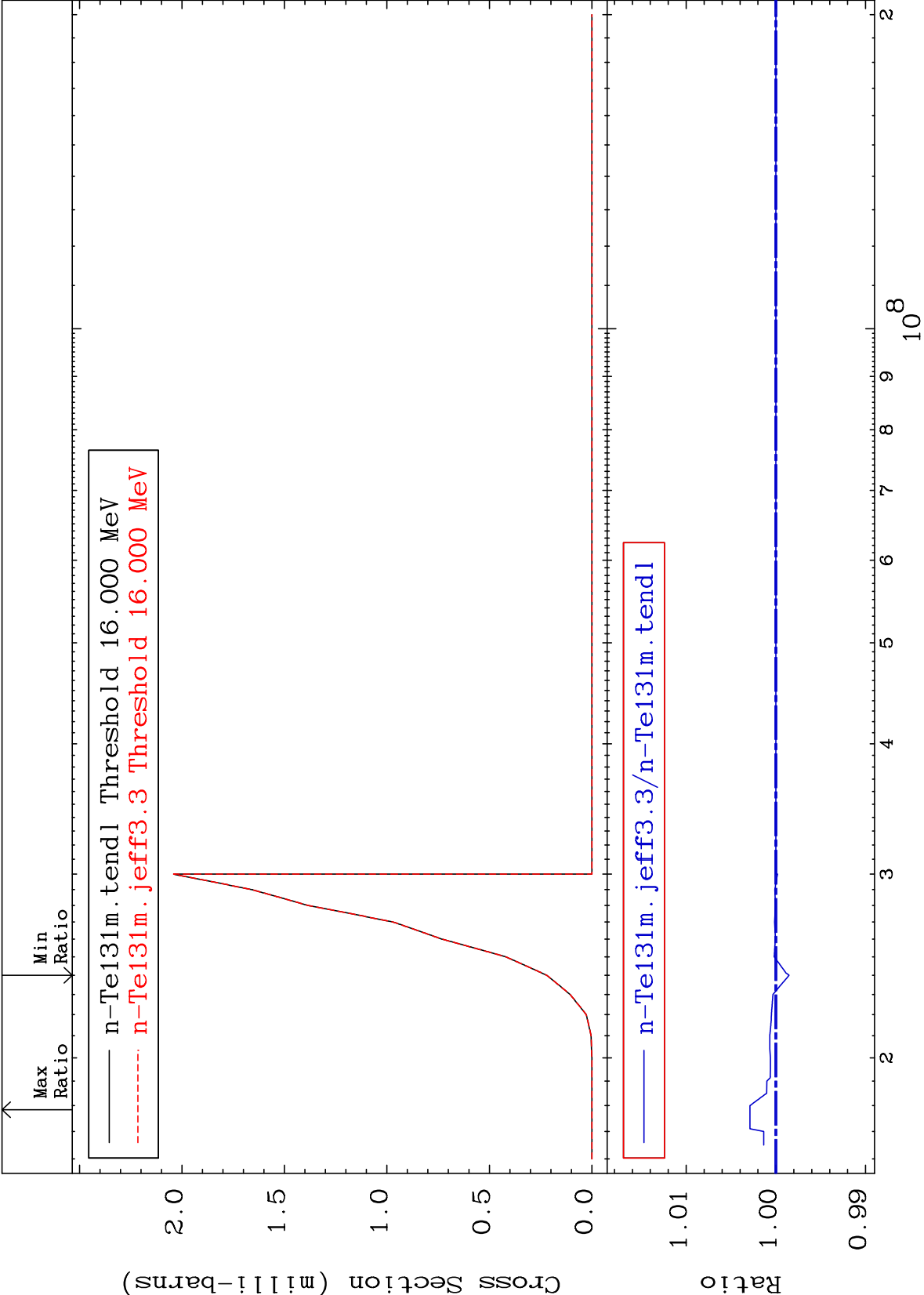
52-Te-131

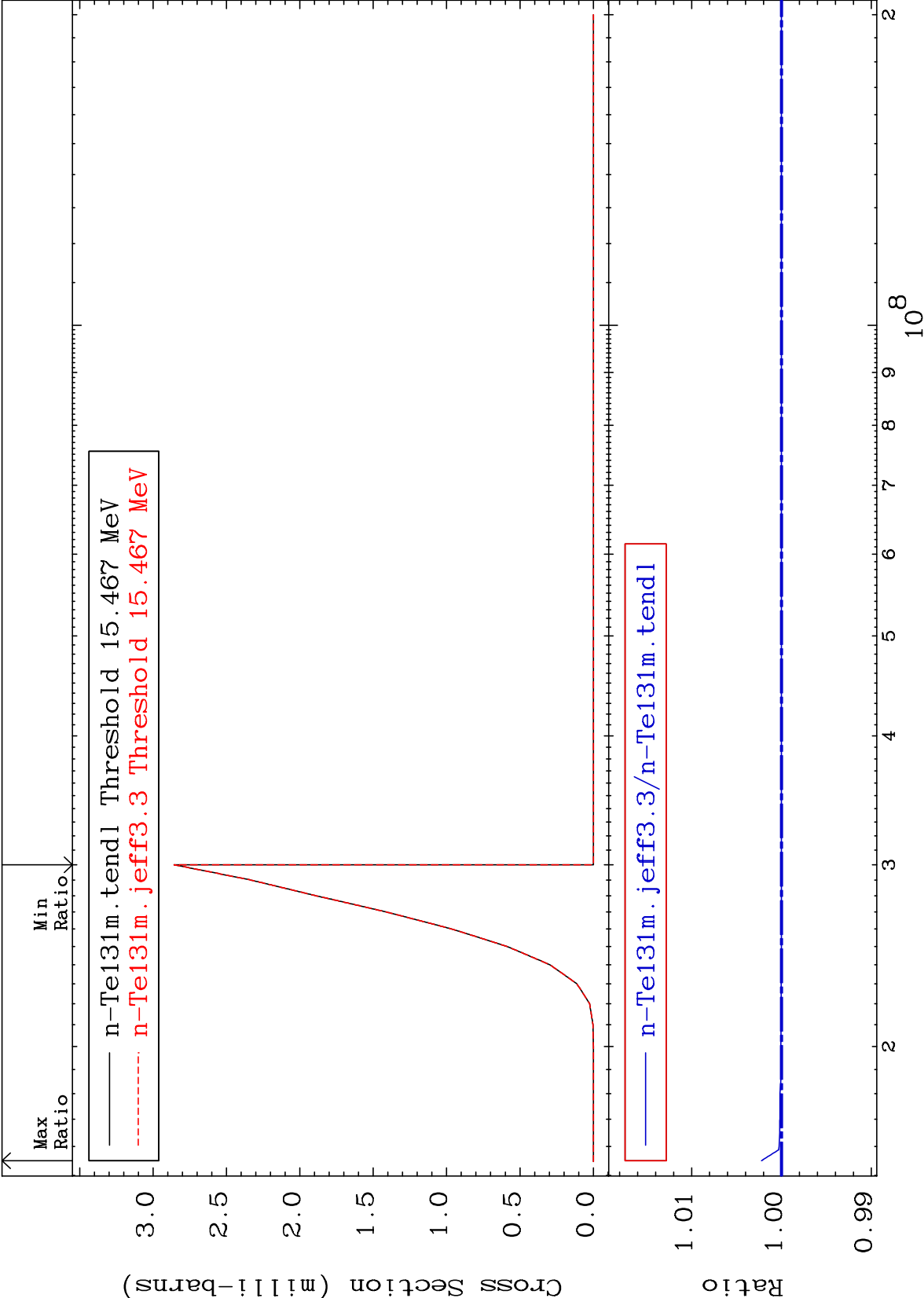


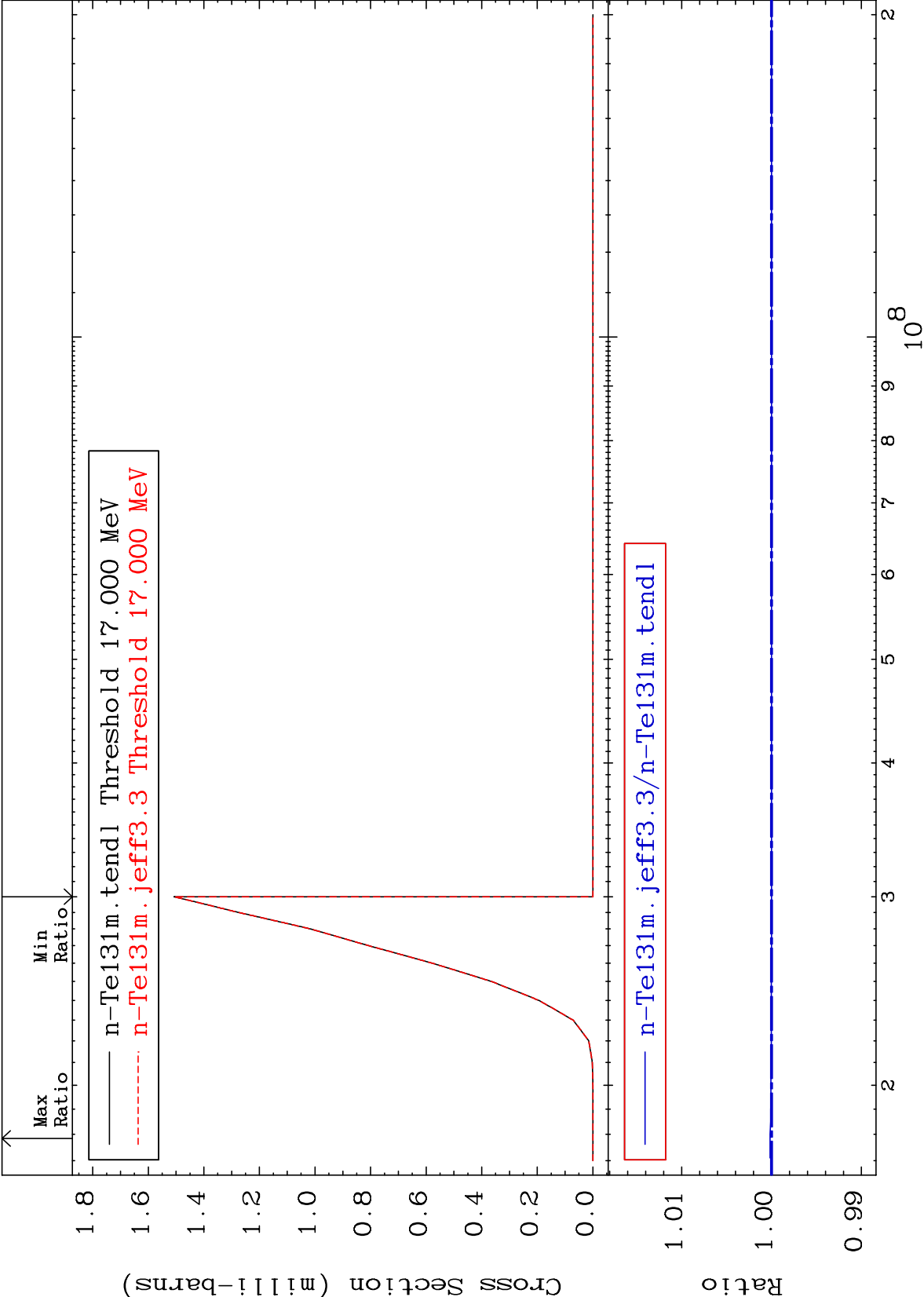


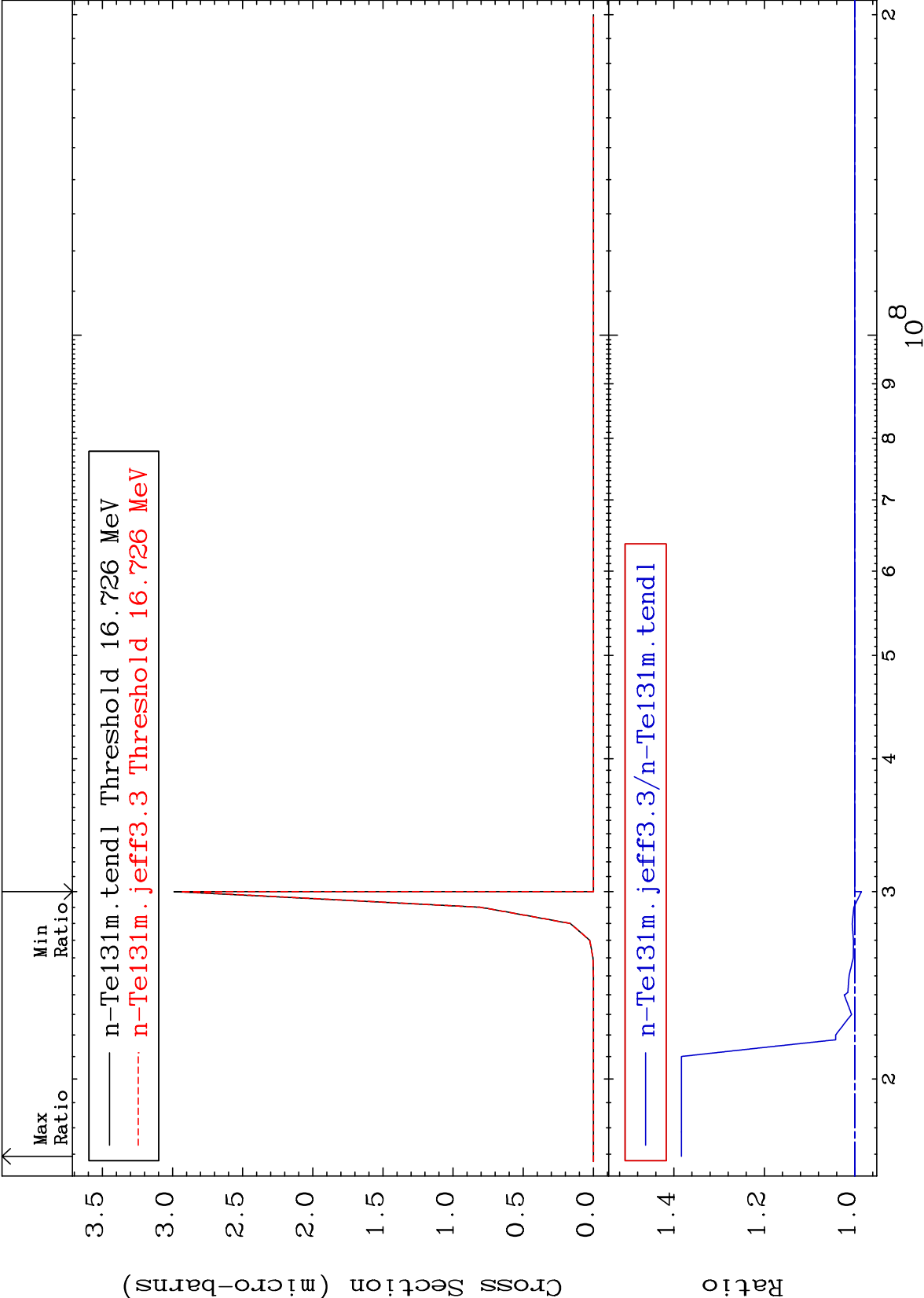
Radionuclide Production Cross Section -0.001 To 0.315 %

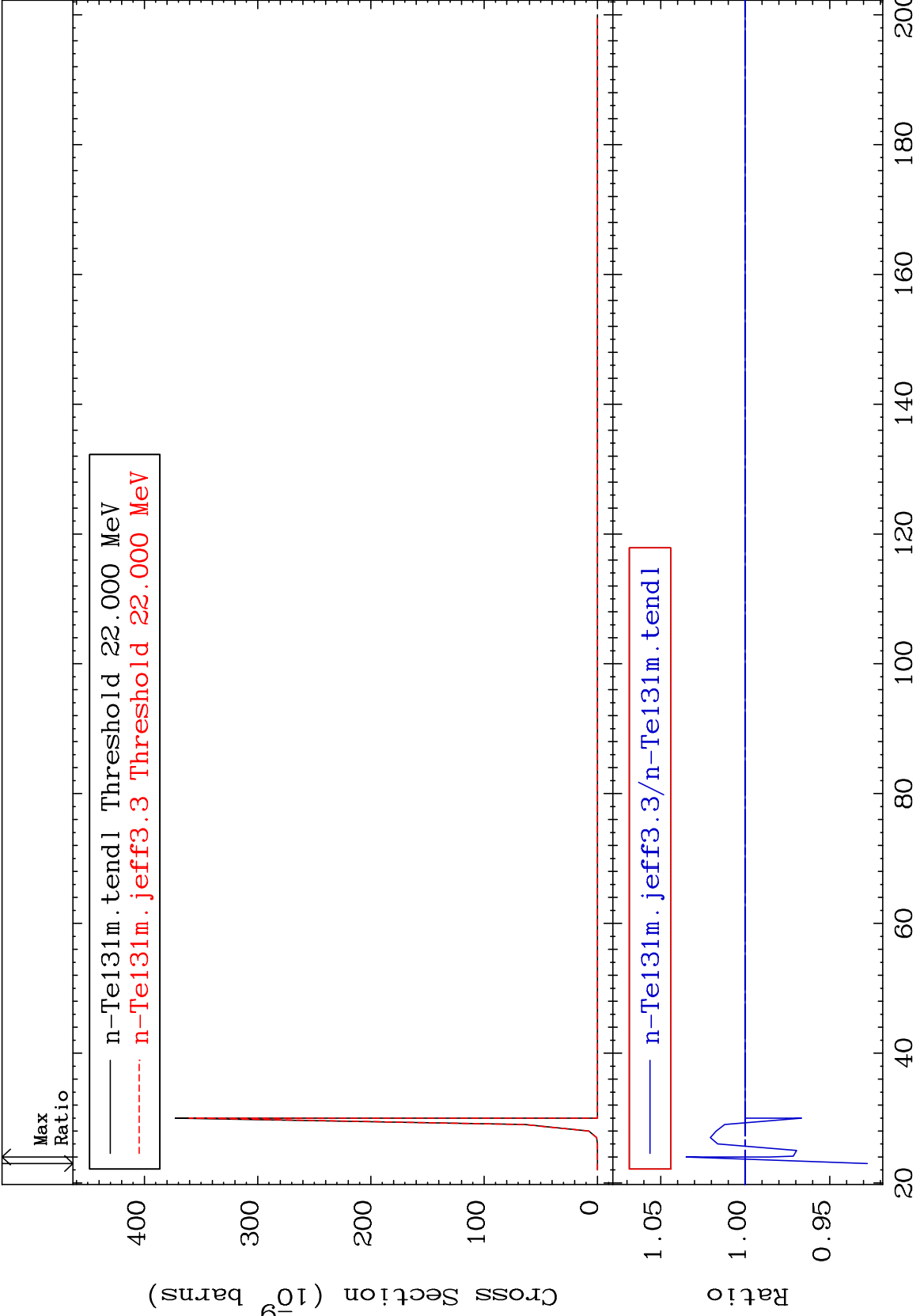


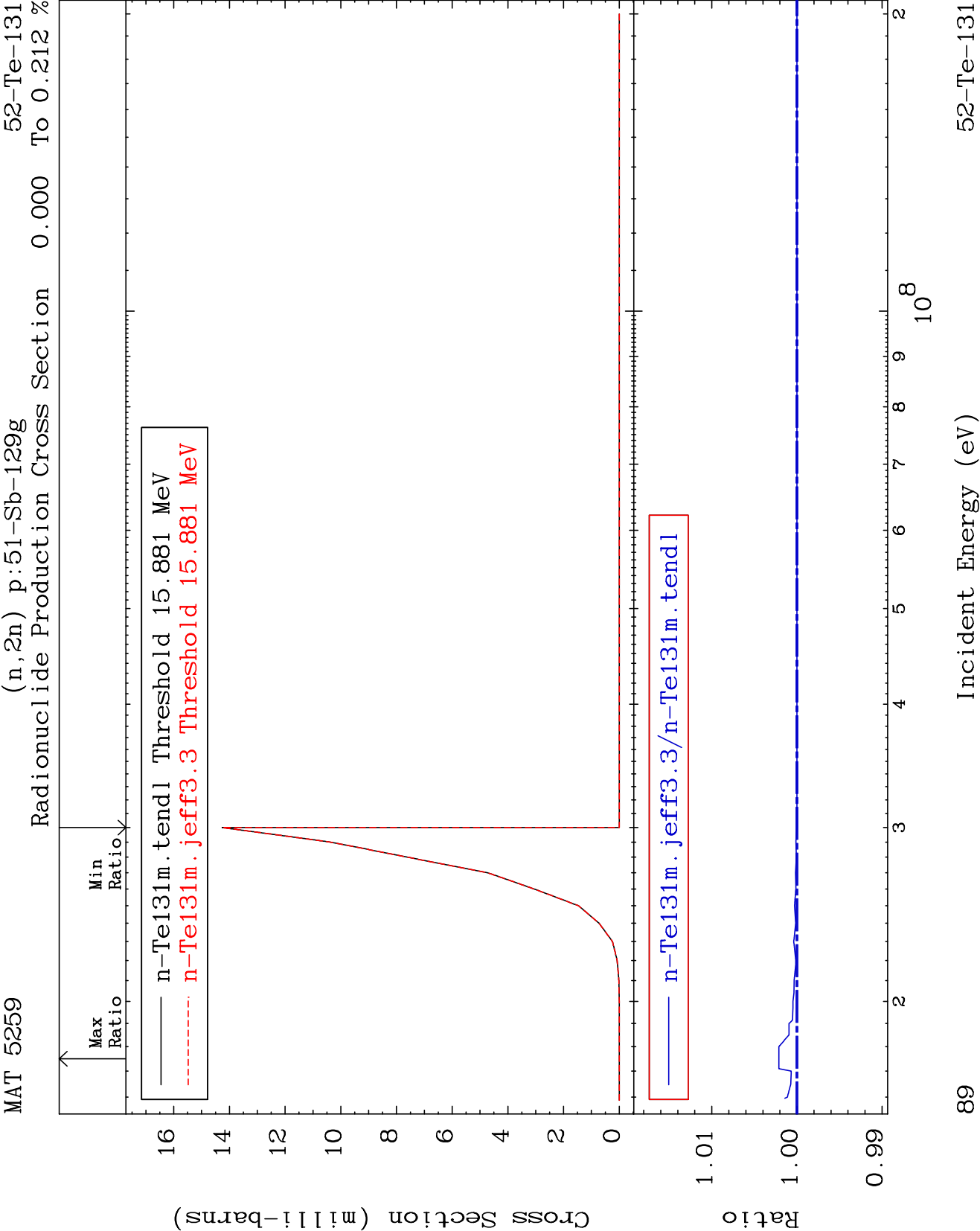












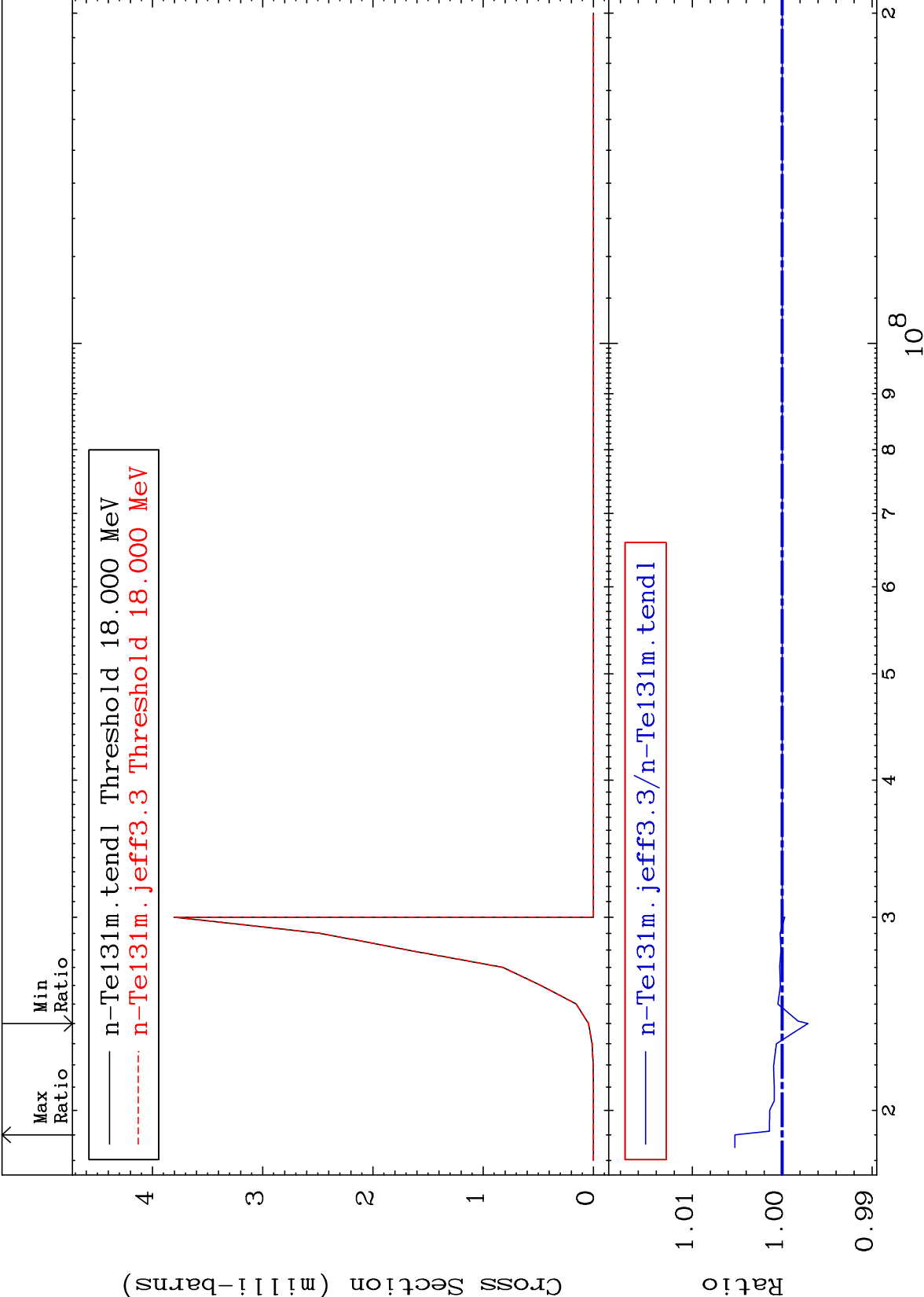
MAT 5259

(n,2n) p:51-Sb-129m11

52-Te-131

Radionuclide Production Cross Section

-0.287 To 0.525 %



90

Incident Energy (eV)

52-Te-131

MAT 5259

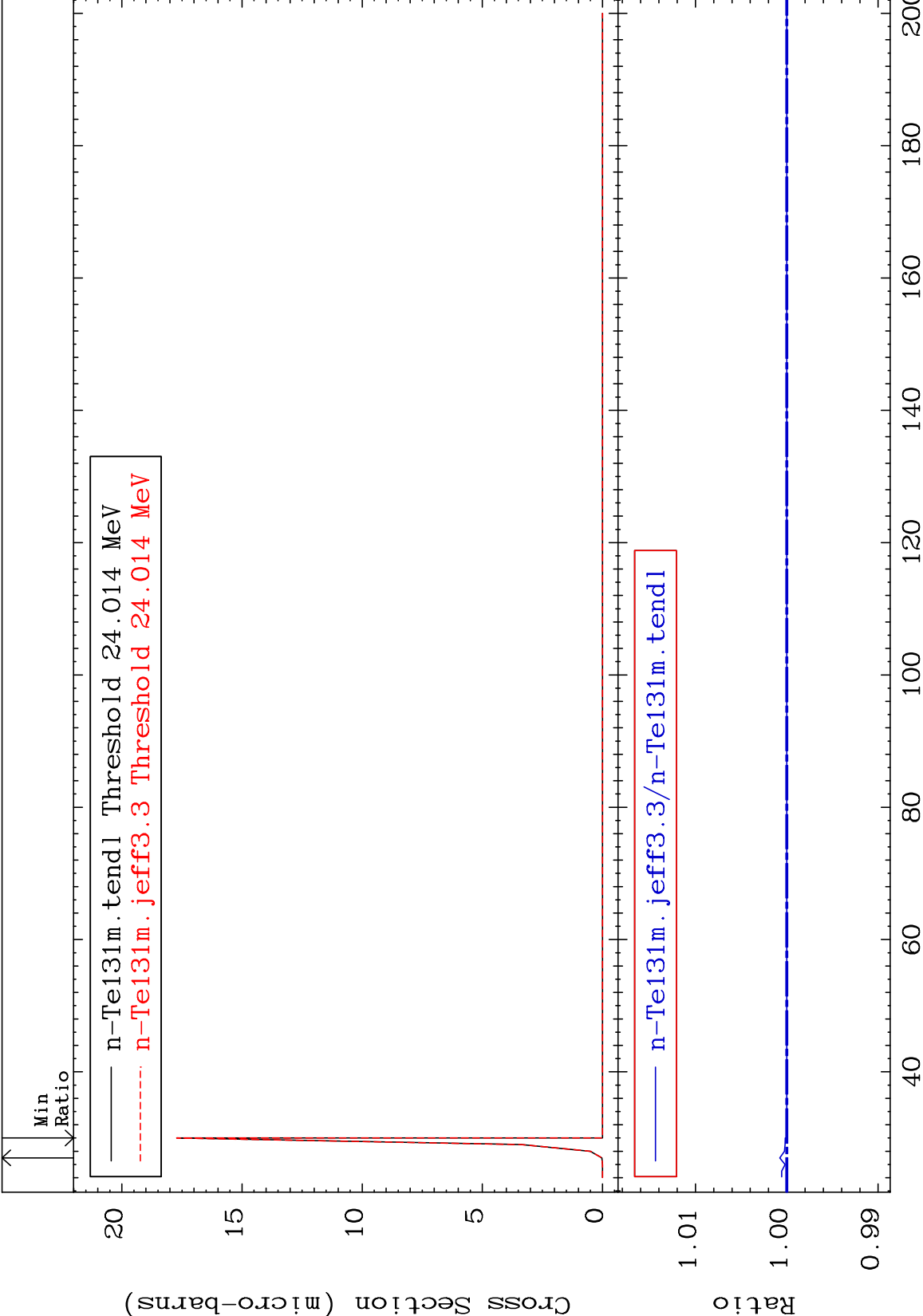
(n,3n) p:51-Sb-128g

52-Te-131

Radionuclide Production Cross Section

0.000

To 0.077 %



91

Incident Energy (MeV)

52-Te-131

MAT 5259

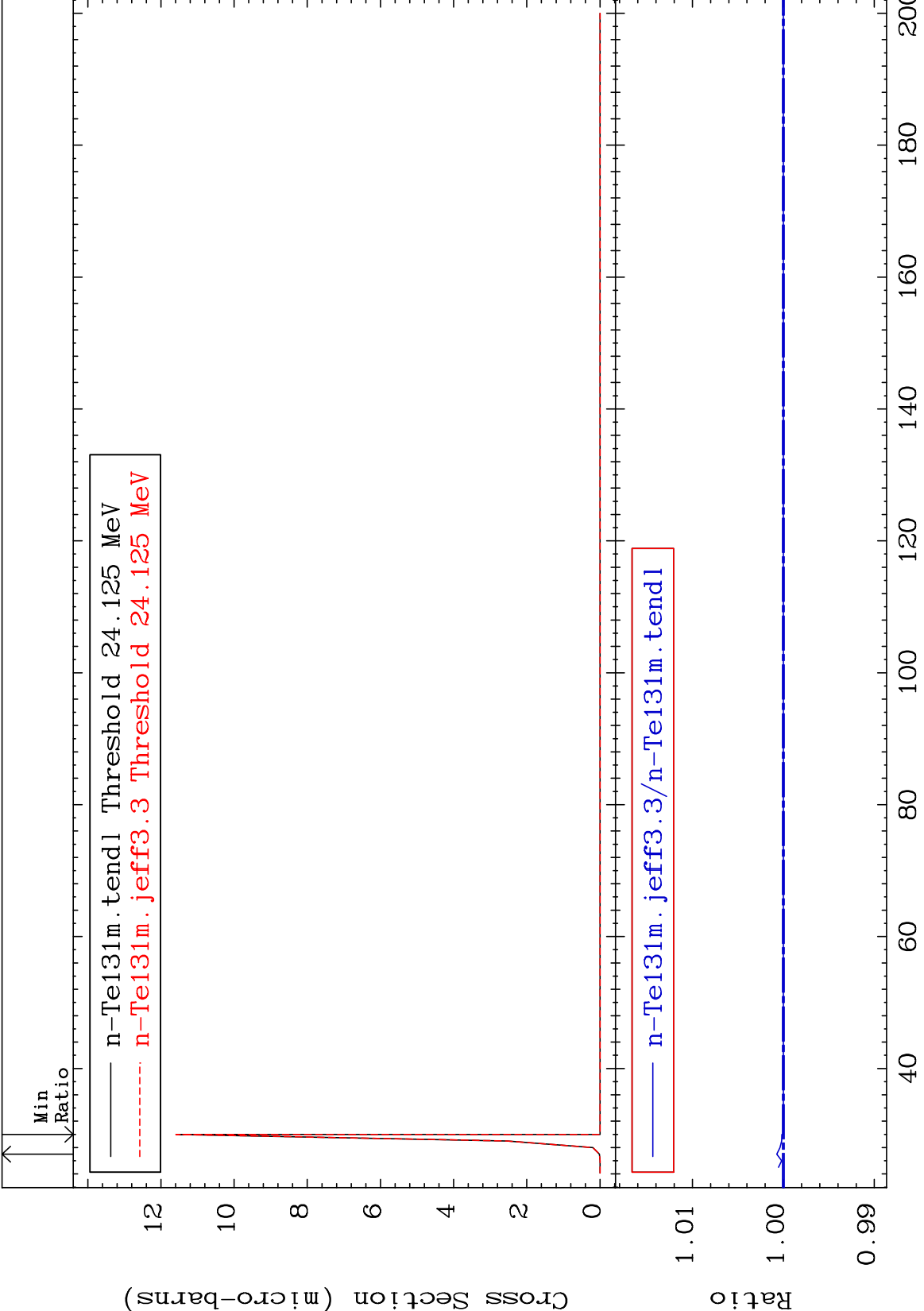
(n,3n) p:51-Sb-128m1

52-Te-131

Radionuclide Production Cross Section

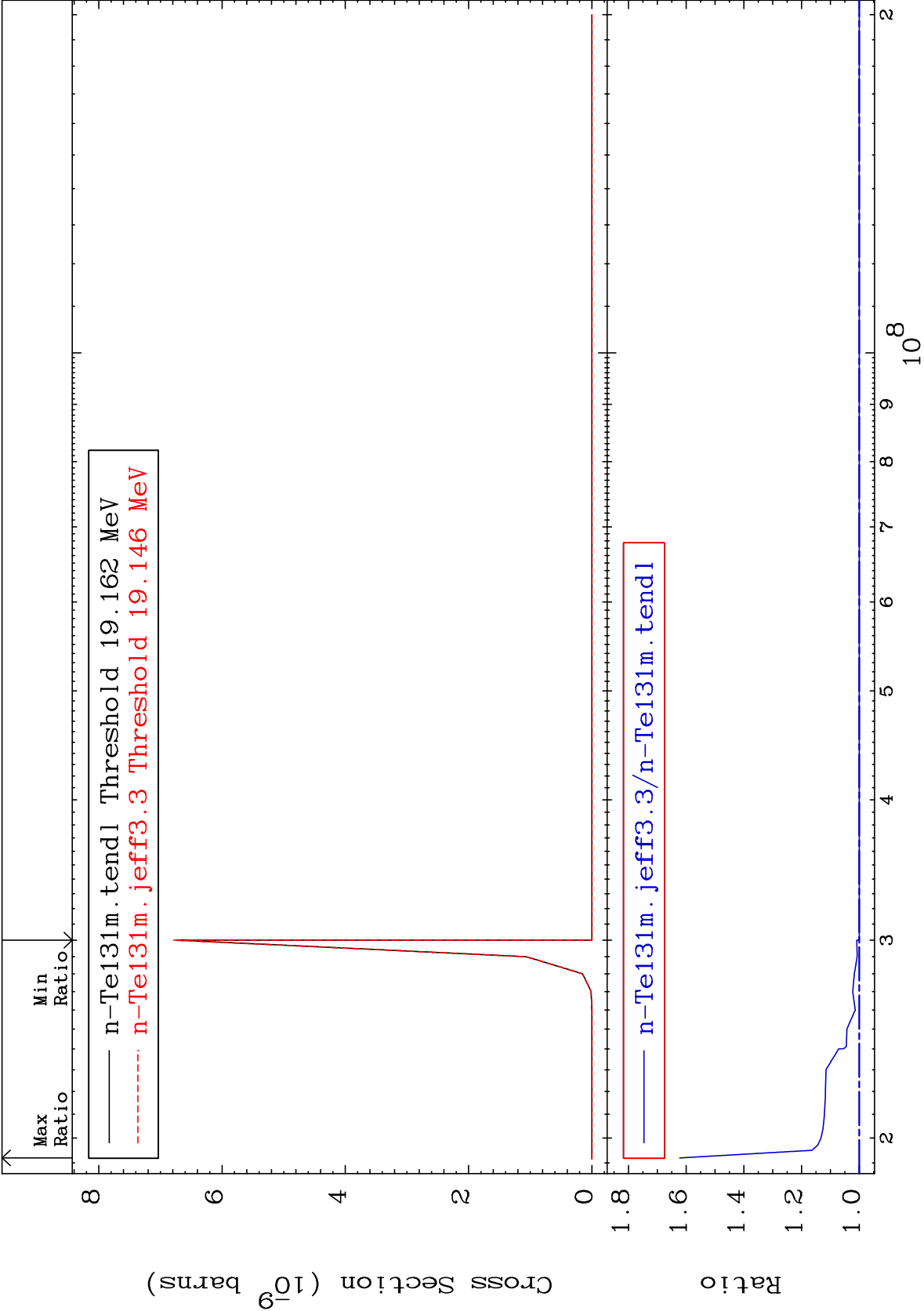
0.000

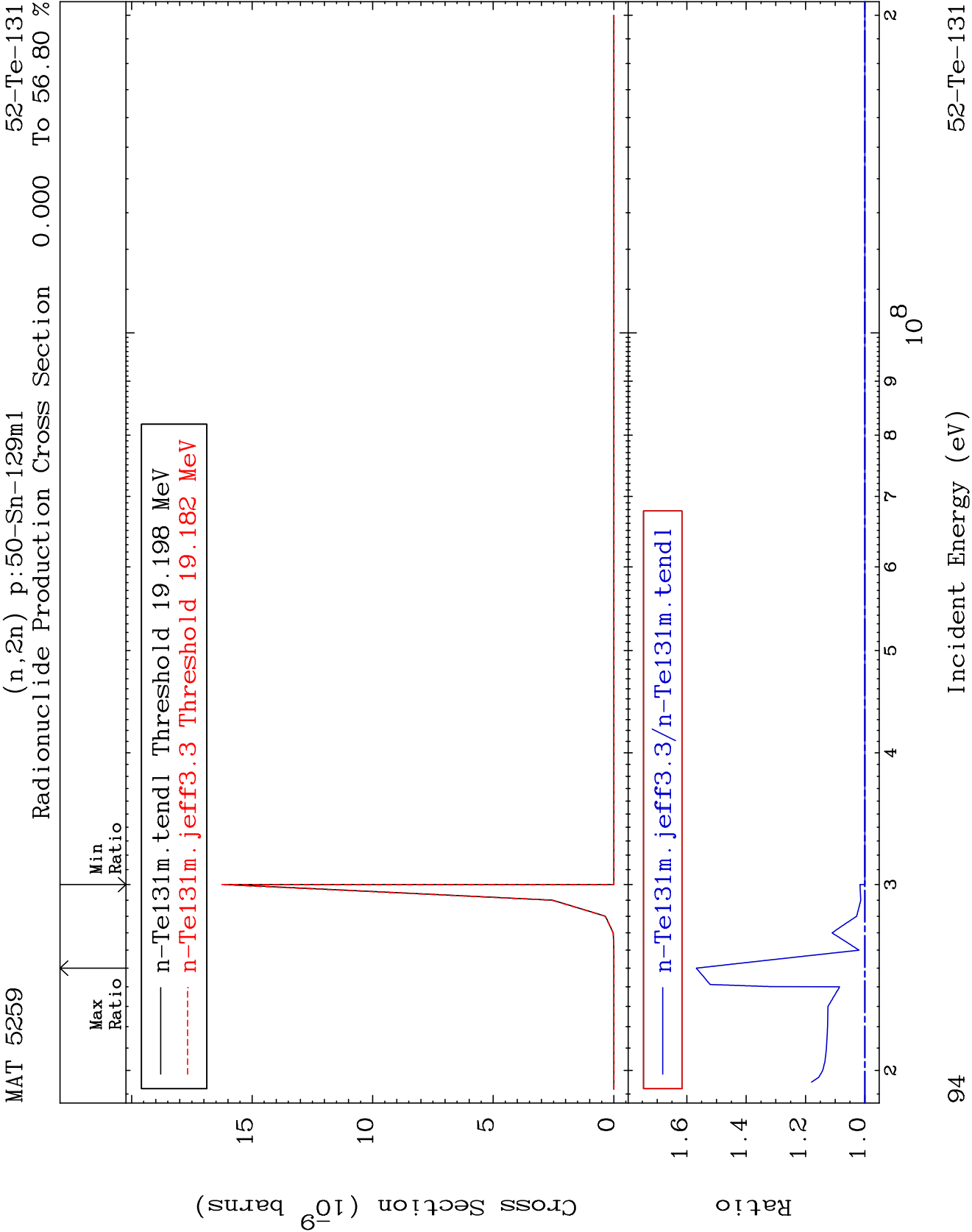
To 0.072 %



MAT 5259

(n,2n) p:50-Sn-129g 52-Te-131
Radionuclide Production Cross Section 0.000 To 62.22 %





MAT 5259

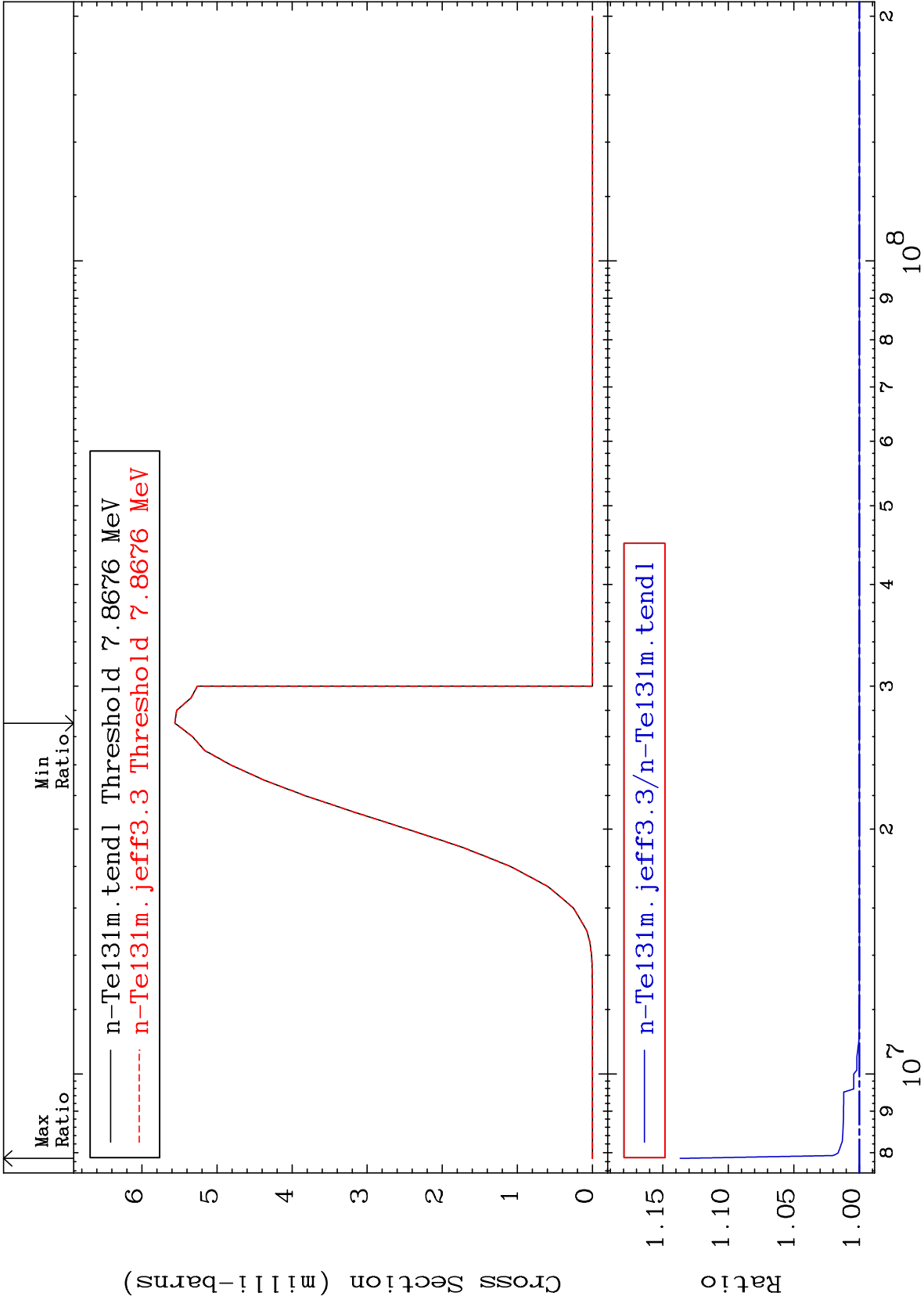
(n,d):51-Sb-130g

52-Te-131

Radionuclide Production Cross Section

0.000

To 13.67 %



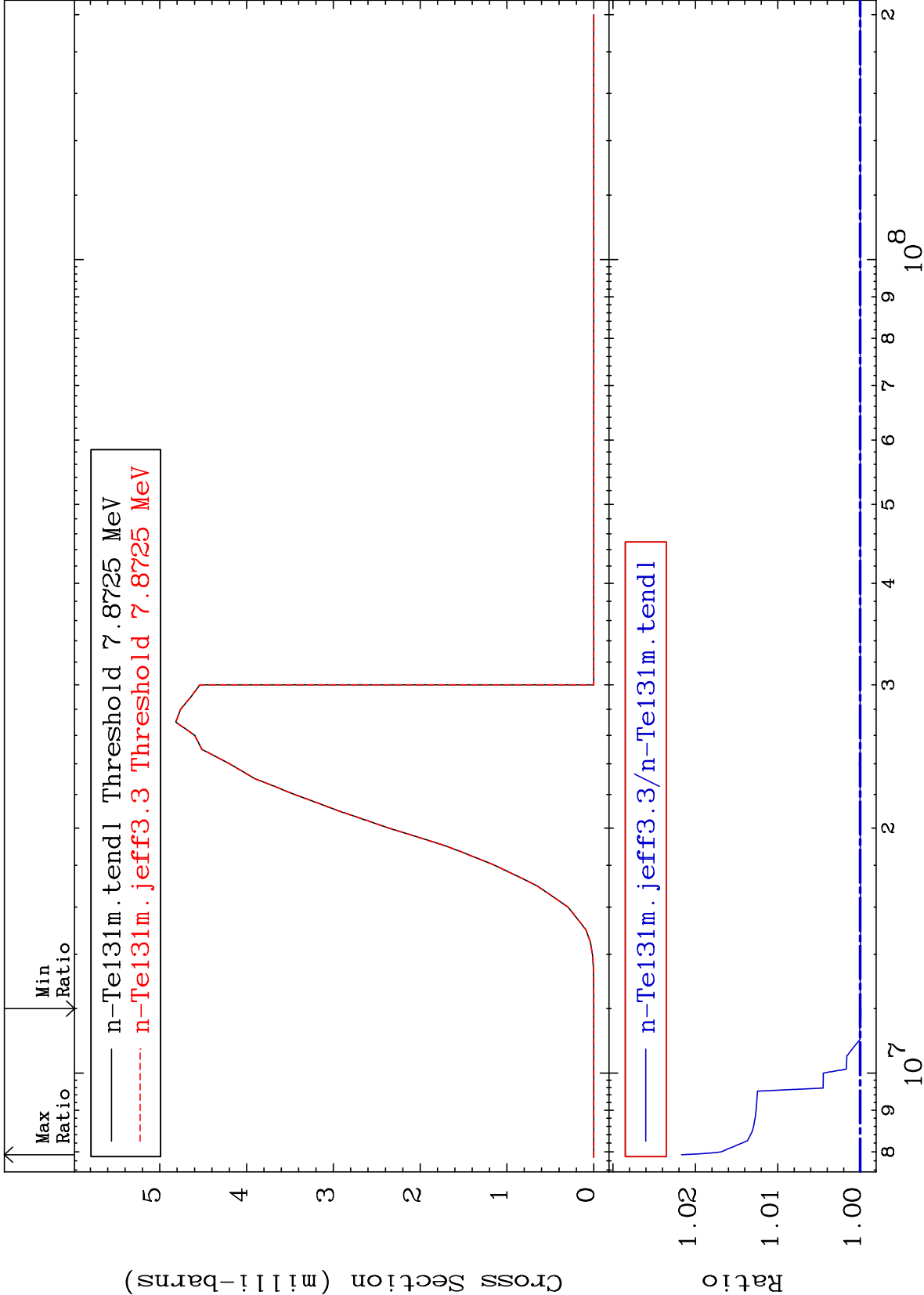
MAT 5259

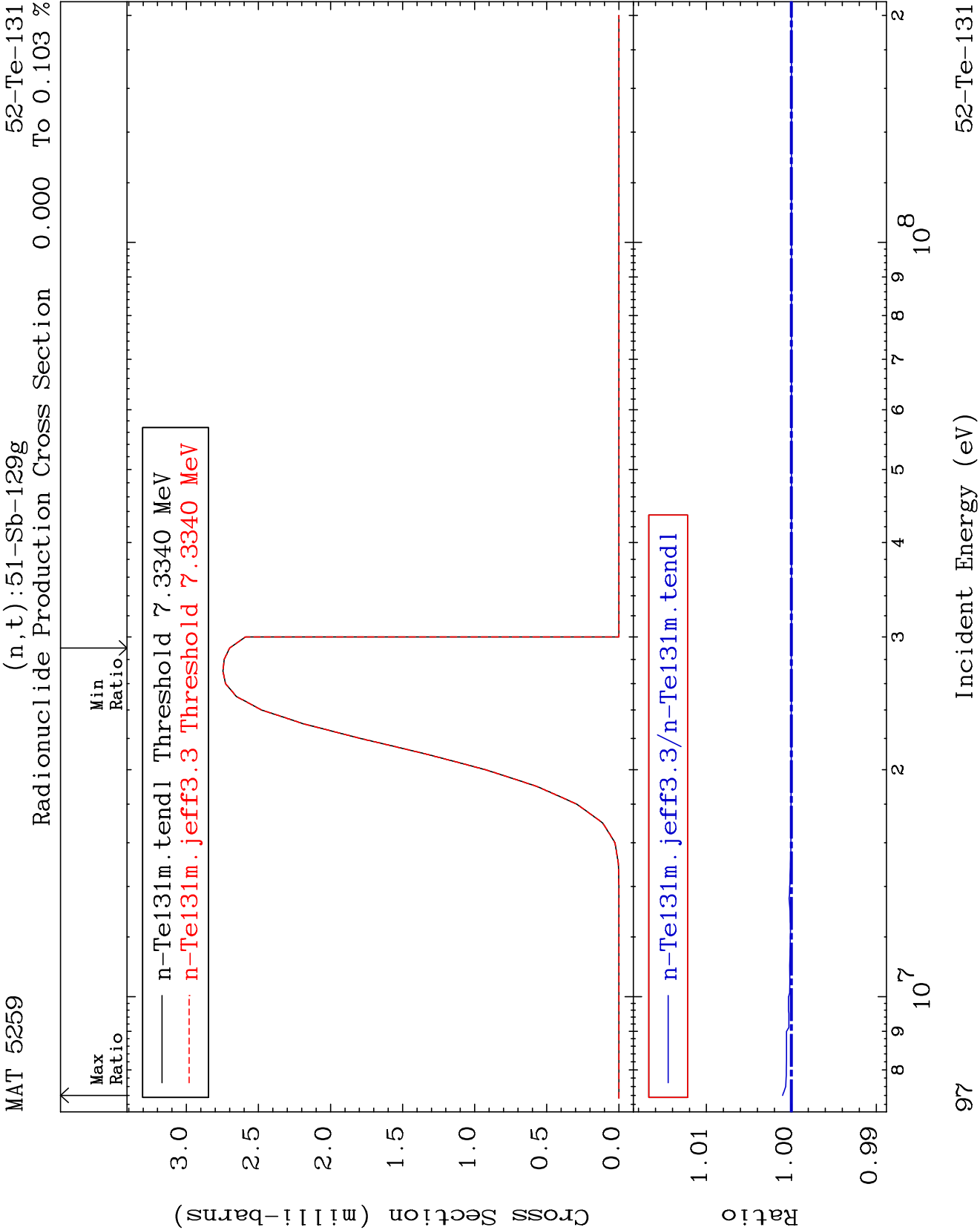
(n,d):51-Sb-130m1

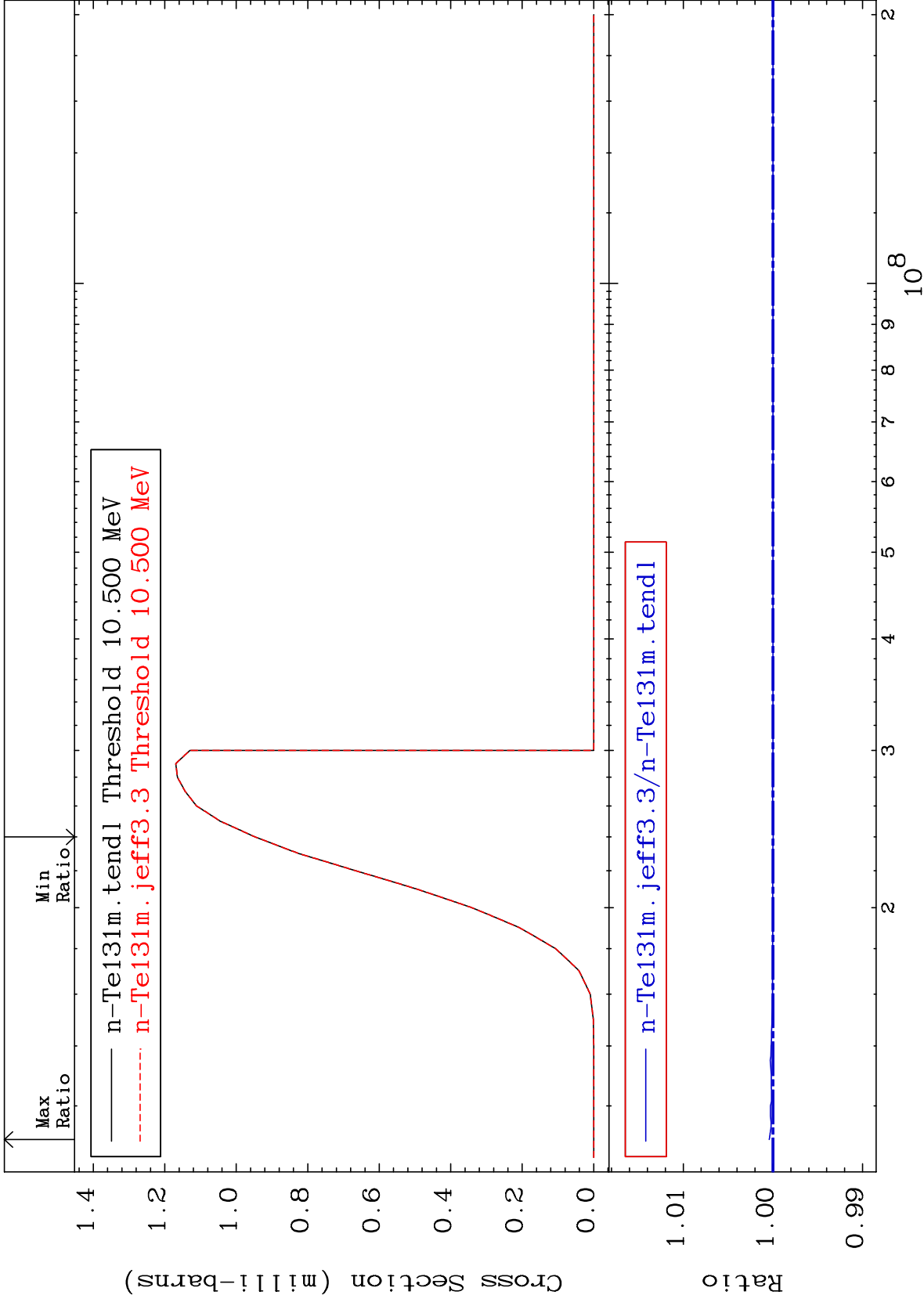
52-Te-131

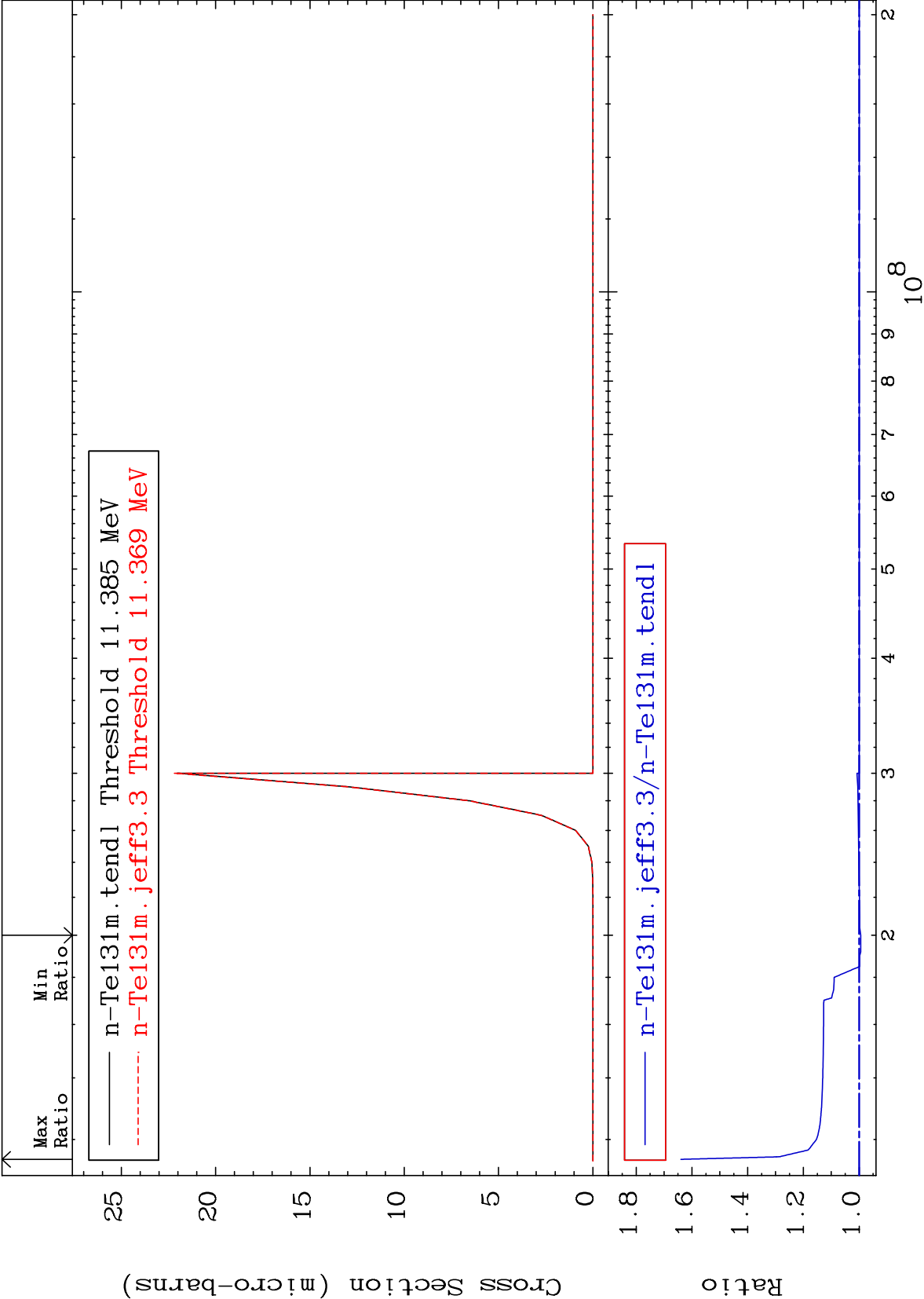
Radionuclide Production Cross Section

-0.009 To 2.169 %







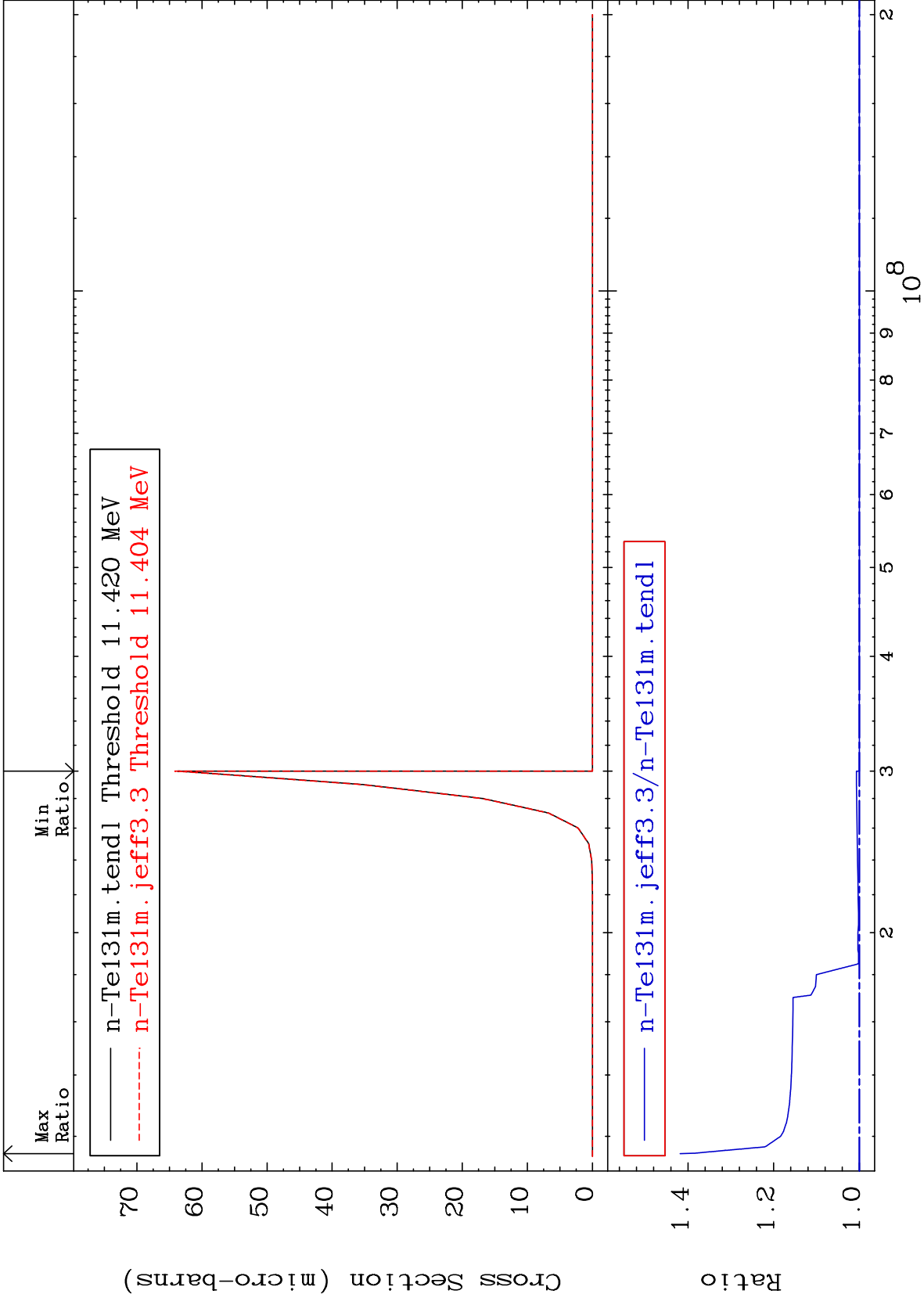


MAT 5259

(n,He-3):50-Sn-129m1

52-Te-131

Radionuclide Production Cross Section 0.000 To 41.83 %



100

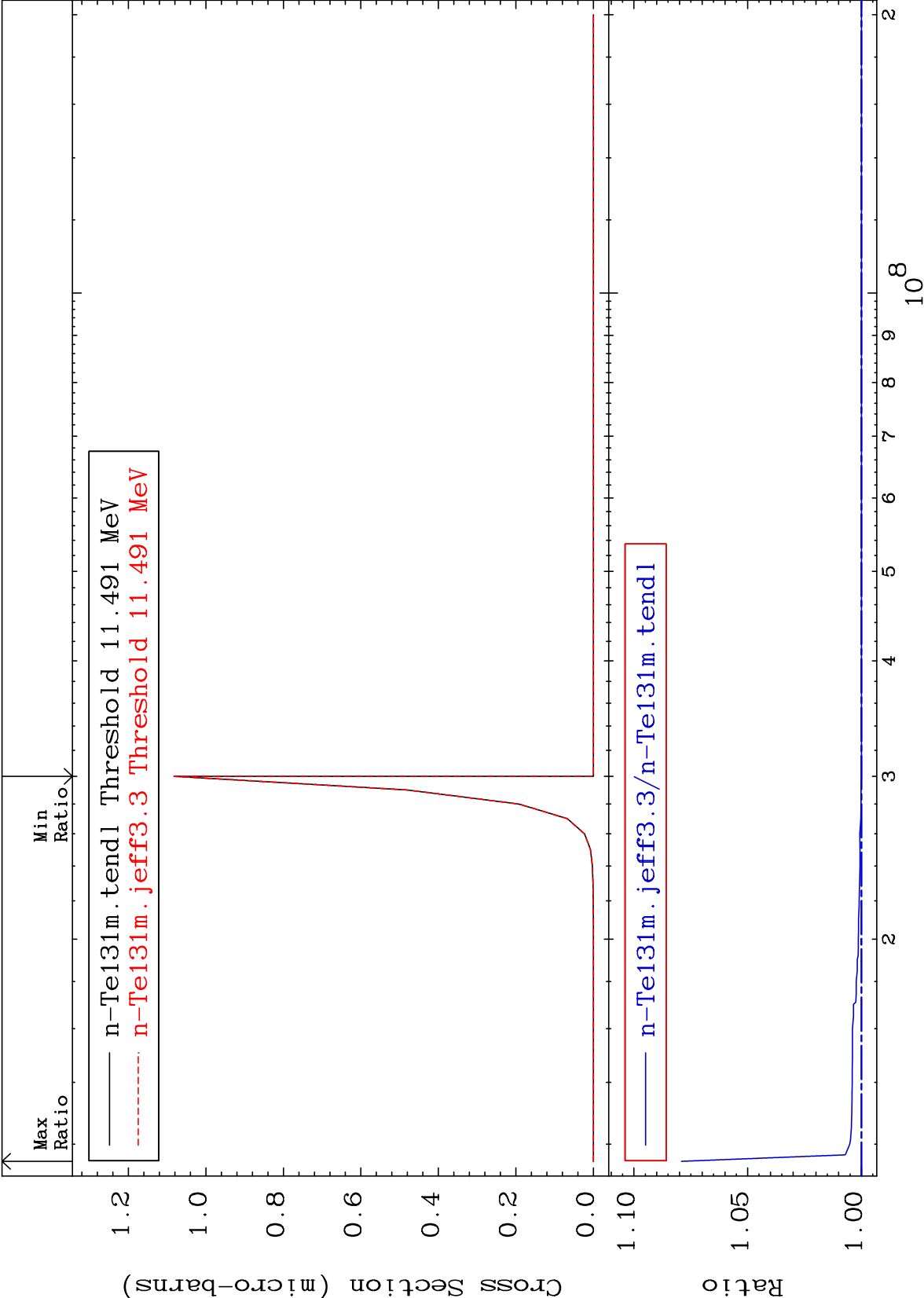
Incident Energy (eV)

52-Te-131

MAT 5259

(n,2p):50-Sn-130g
Radionuclide Production Cross Section 0.000 To 7.911 %

52-Te-131



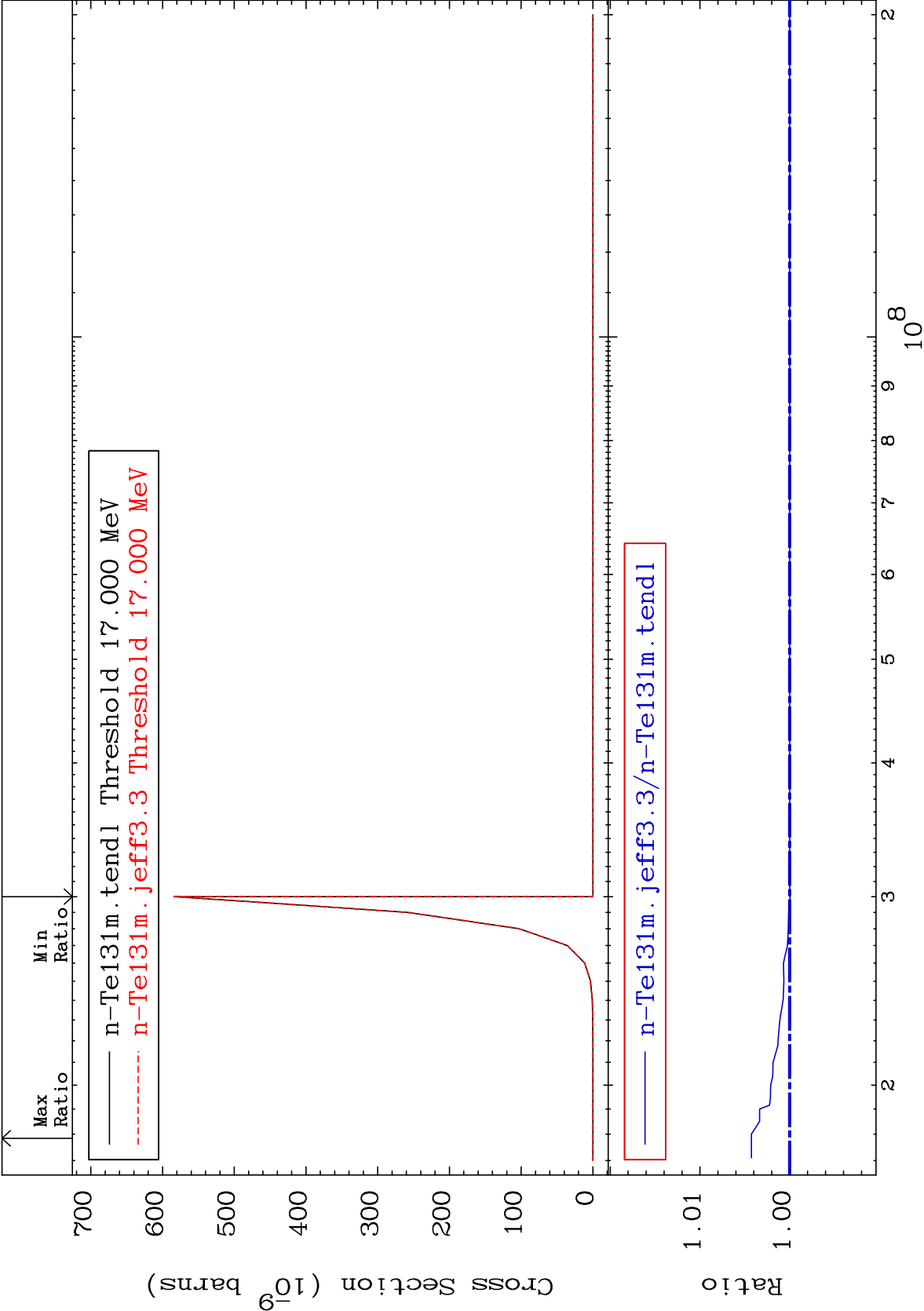
101

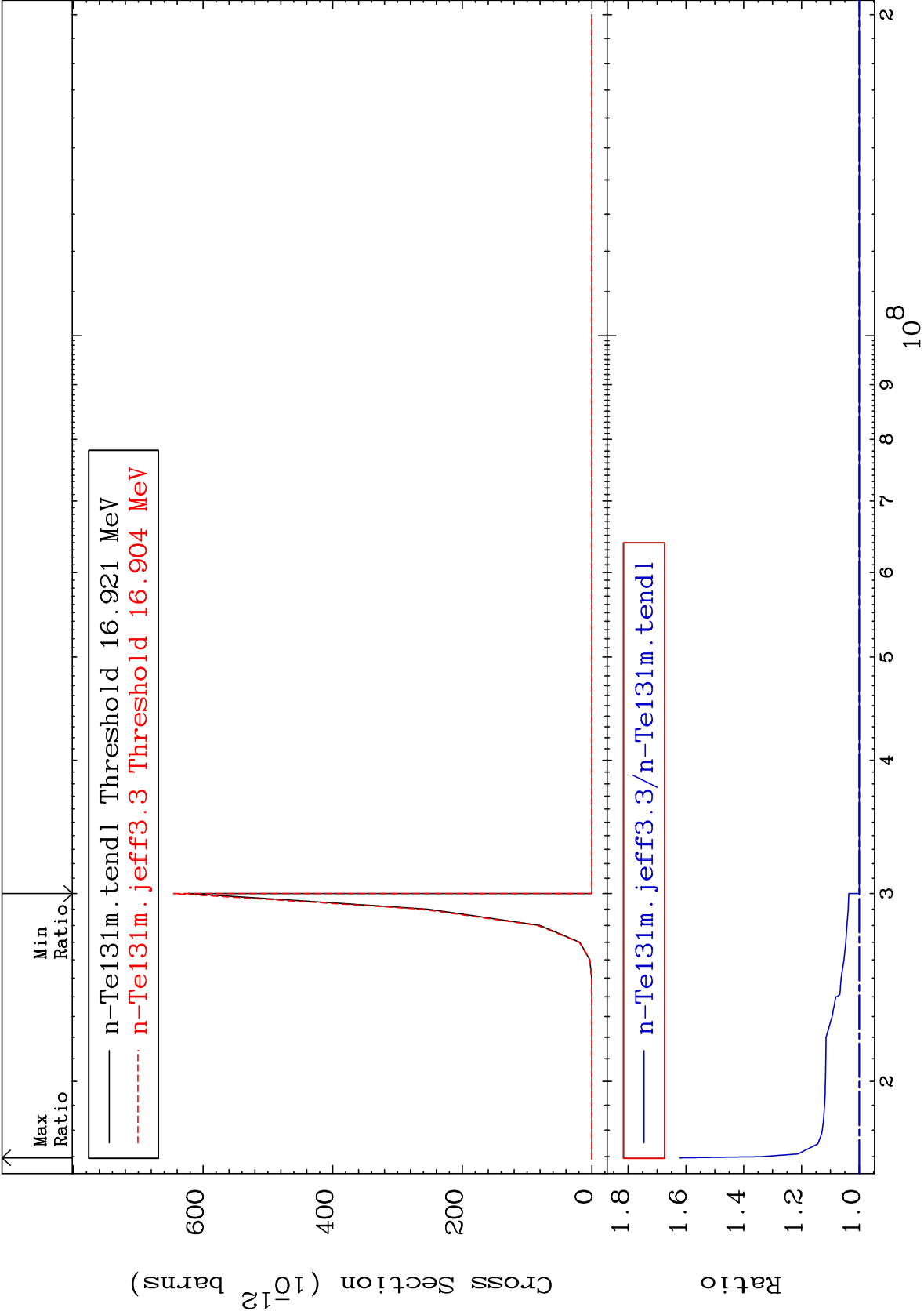
Incident Energy (eV)

52-Te-131

Radionuclide Production Cross Section

-0.005 To 0.426 %





MAT 5259

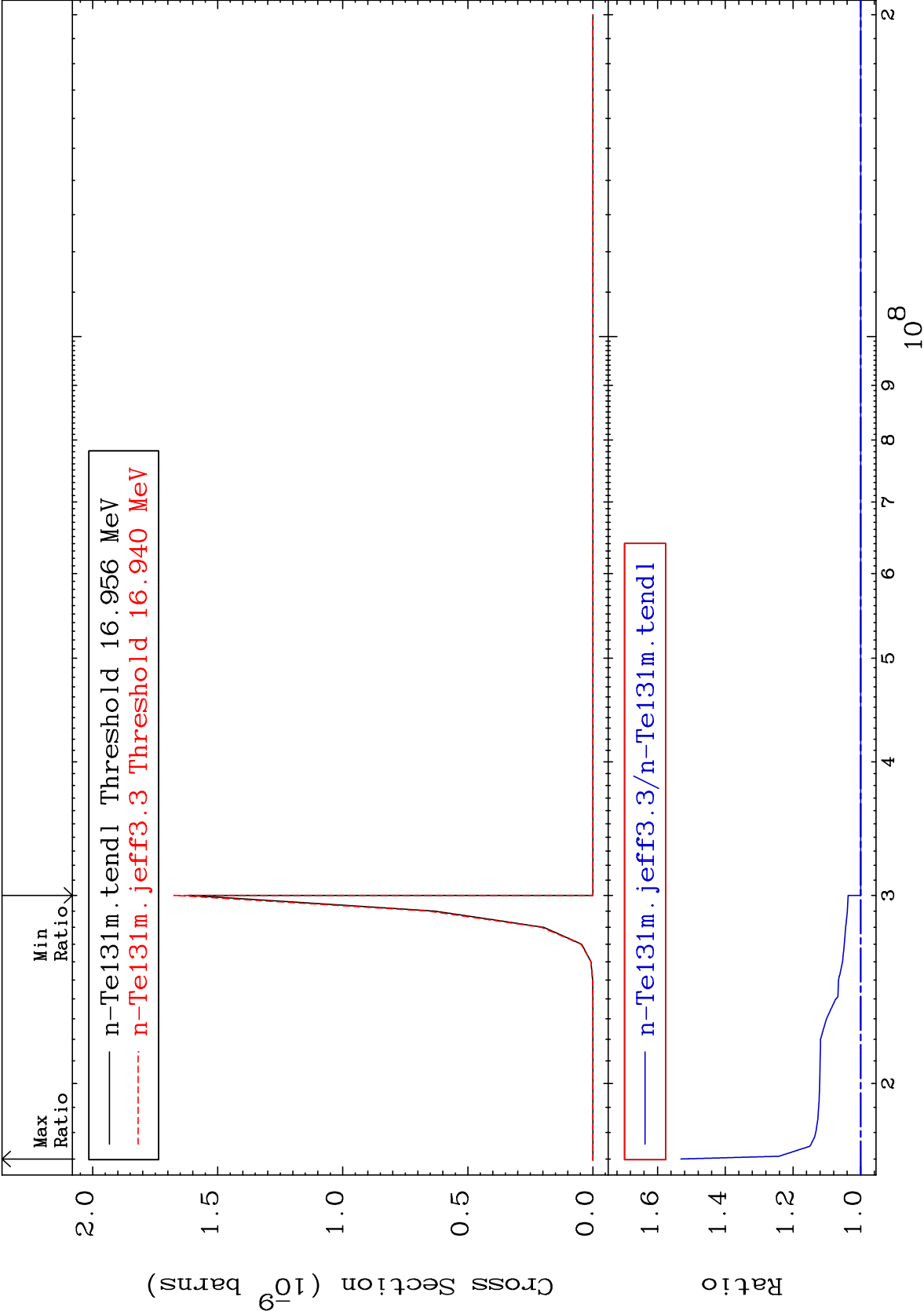
(n,p) d:50-Sn-129m1

52-Te-131

Radionuclide Production Cross Section

0.000

To 53.10 %



104

Incident Energy (eV)

52-Te-131

MAT 5259

(n,p) t:50-Sn-128g

52-Te-131

Radionuclide Production Cross Section

0.000

To 0.090 %

