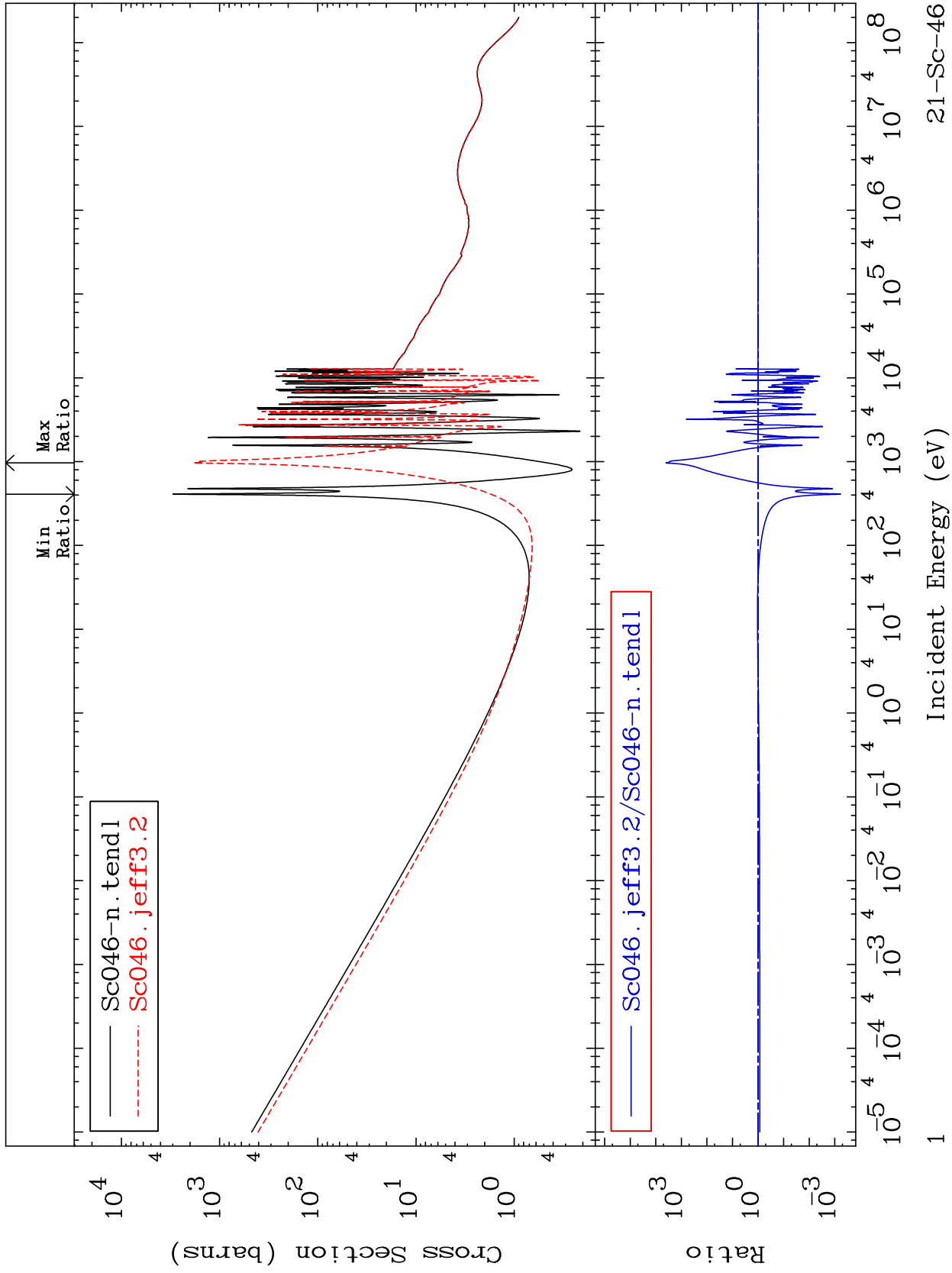


MAT 2128

Total
Cross Section

21-Sc-46
-99.94 To 9999. %

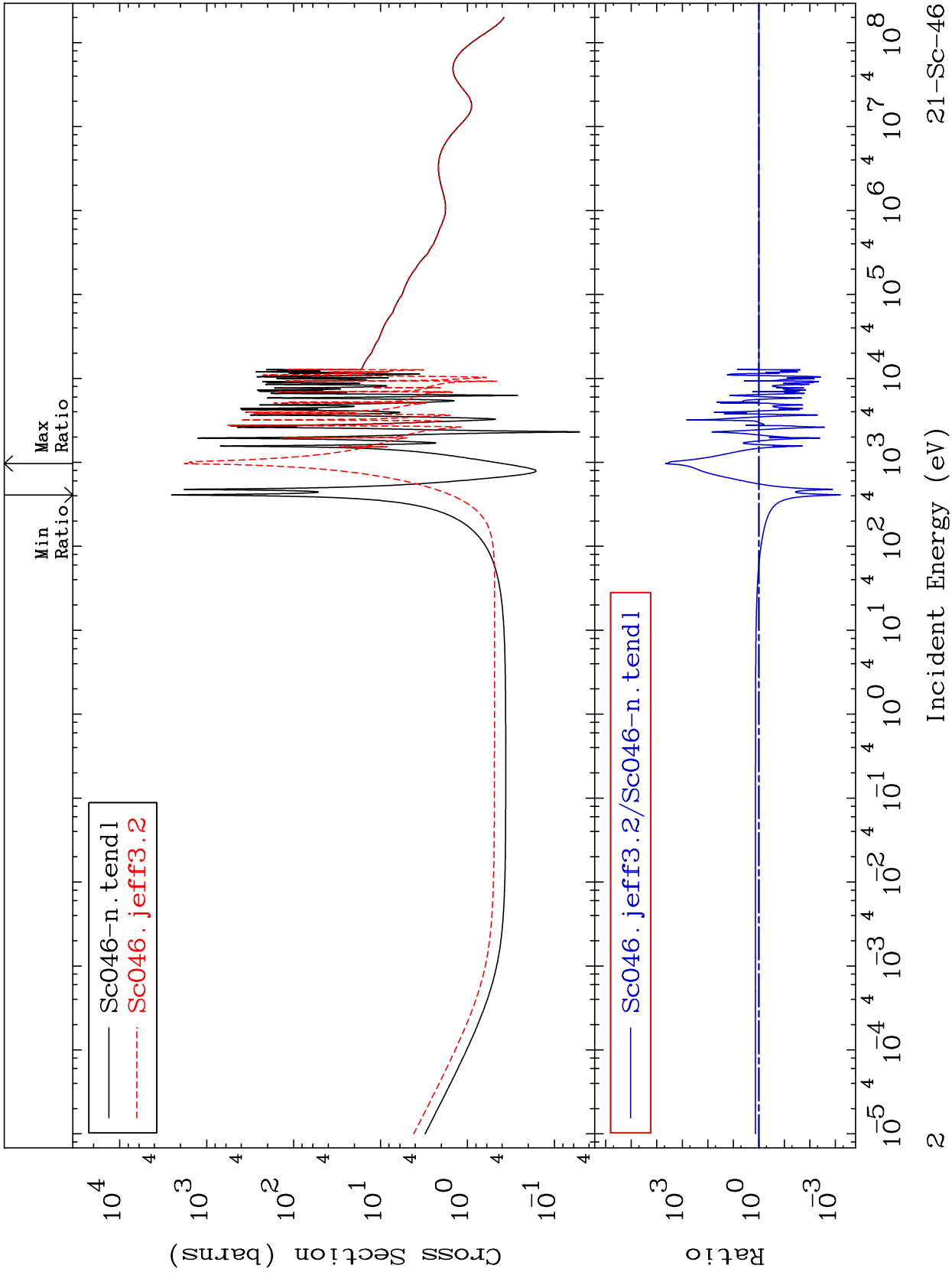


21-Sc-46

MAT 2128

Elastic
Cross Section

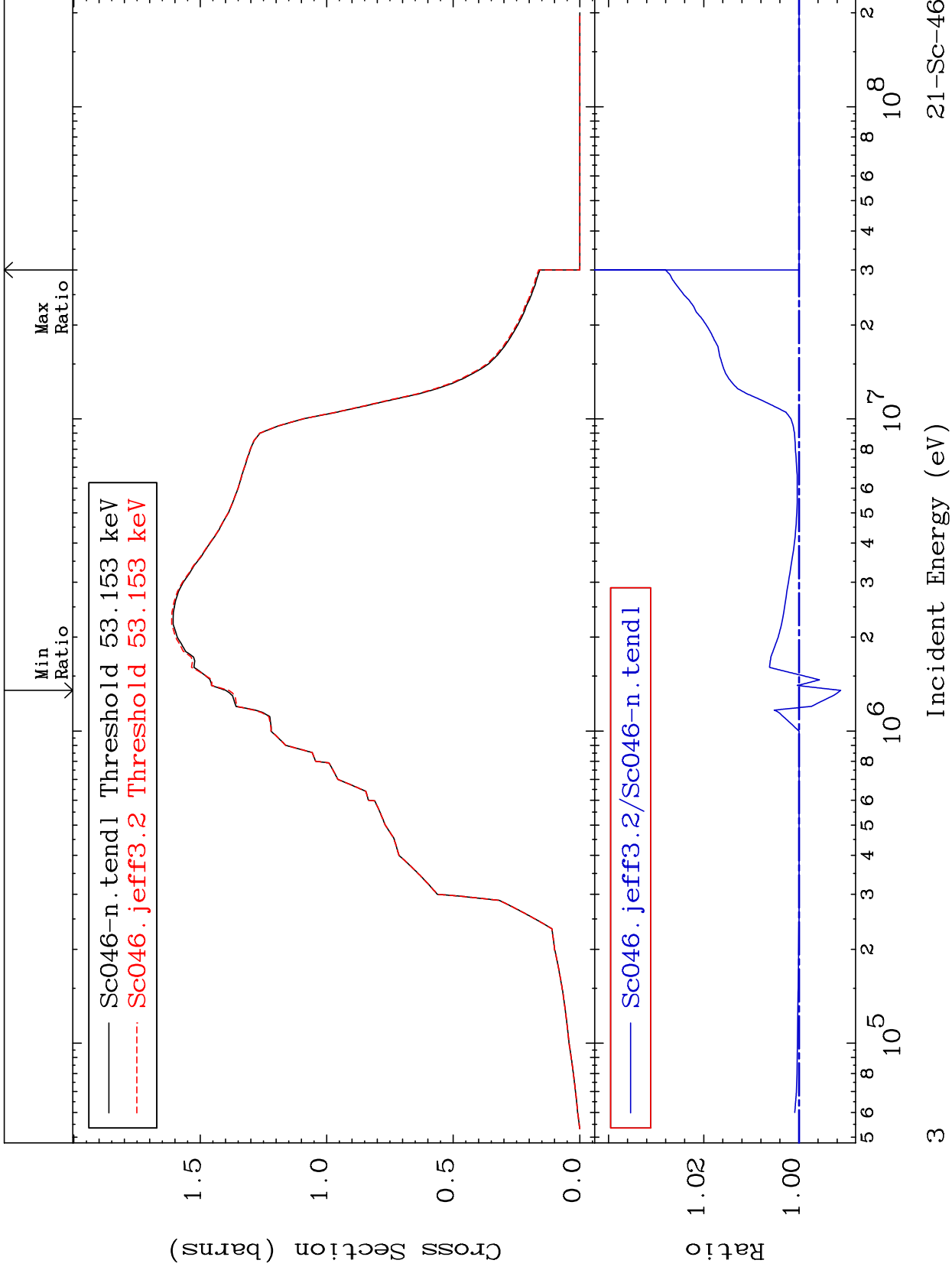
21-Sc-46
-99.94 To 9999. %



MAT 2128

Inelastic
Cross Section

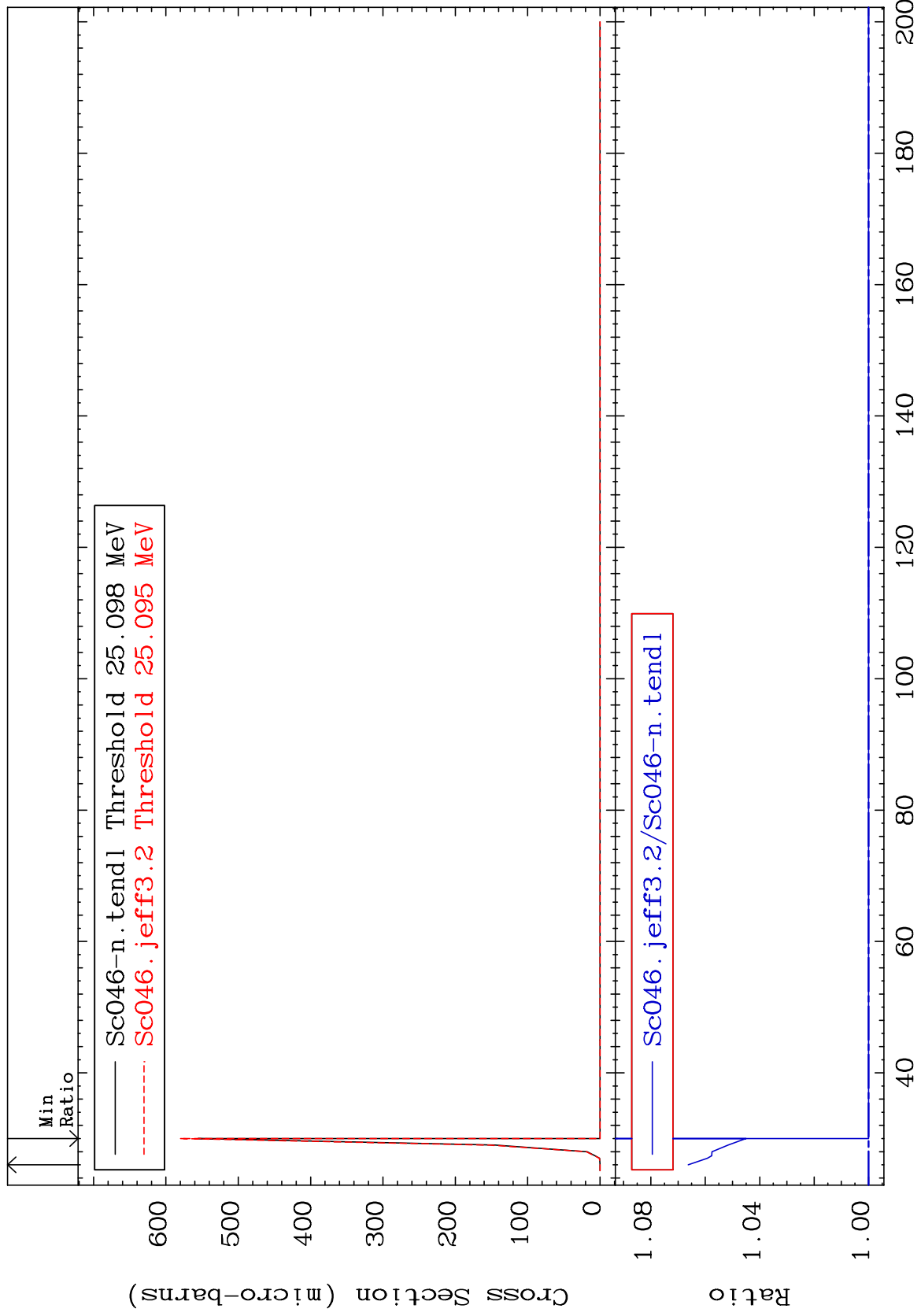
21-Sc-46
-0.874 To 2.803 %



MAT 2128

(n,2n) d
Cross Section

21-Sc-46
0.000 To 6.626 %



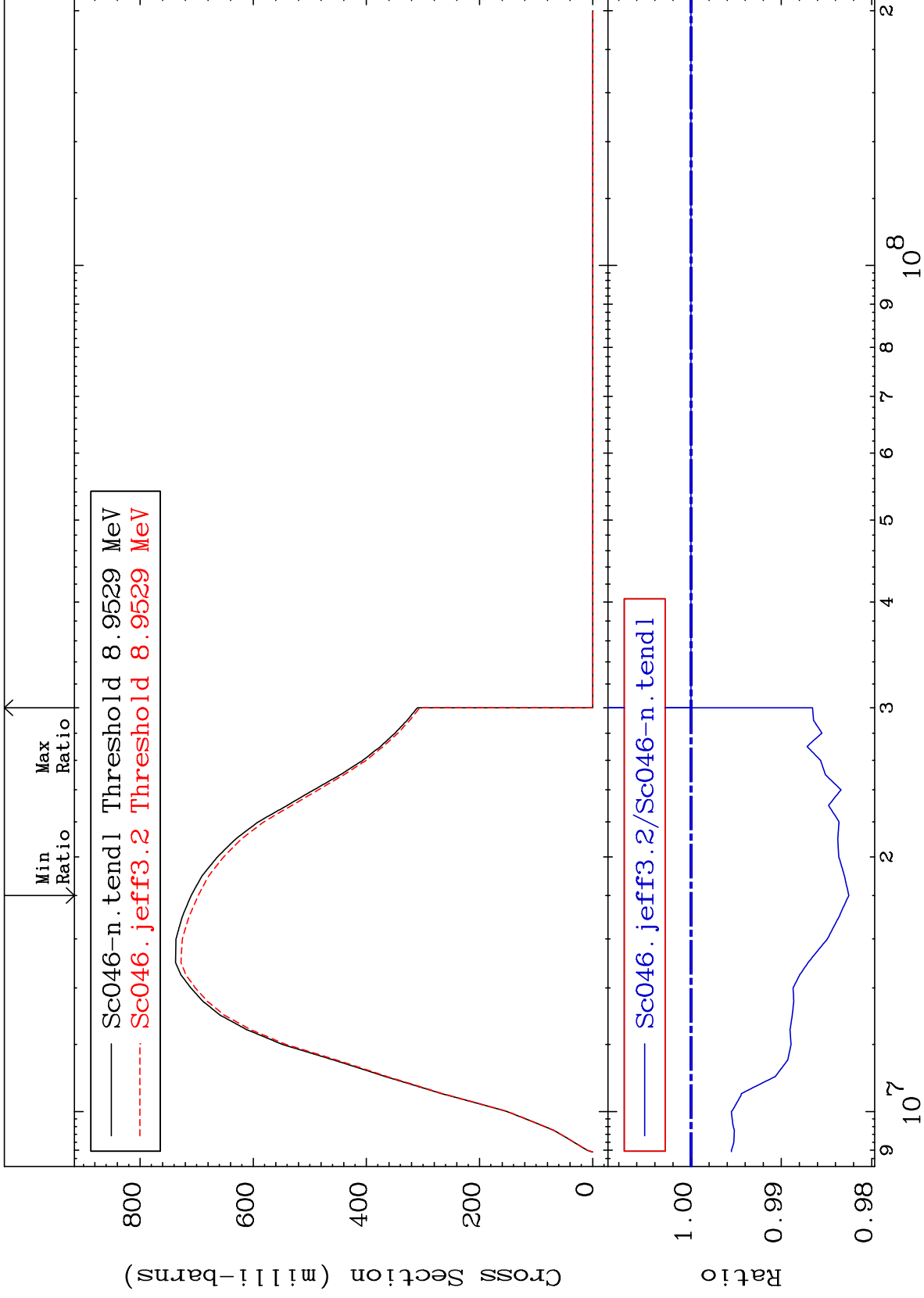
MAT 2128

(n,2n)

21-Sc-46

Cross Section

-1.747 To 0.000 %



21-Sc-46

21-Sc-46

MAT 2128

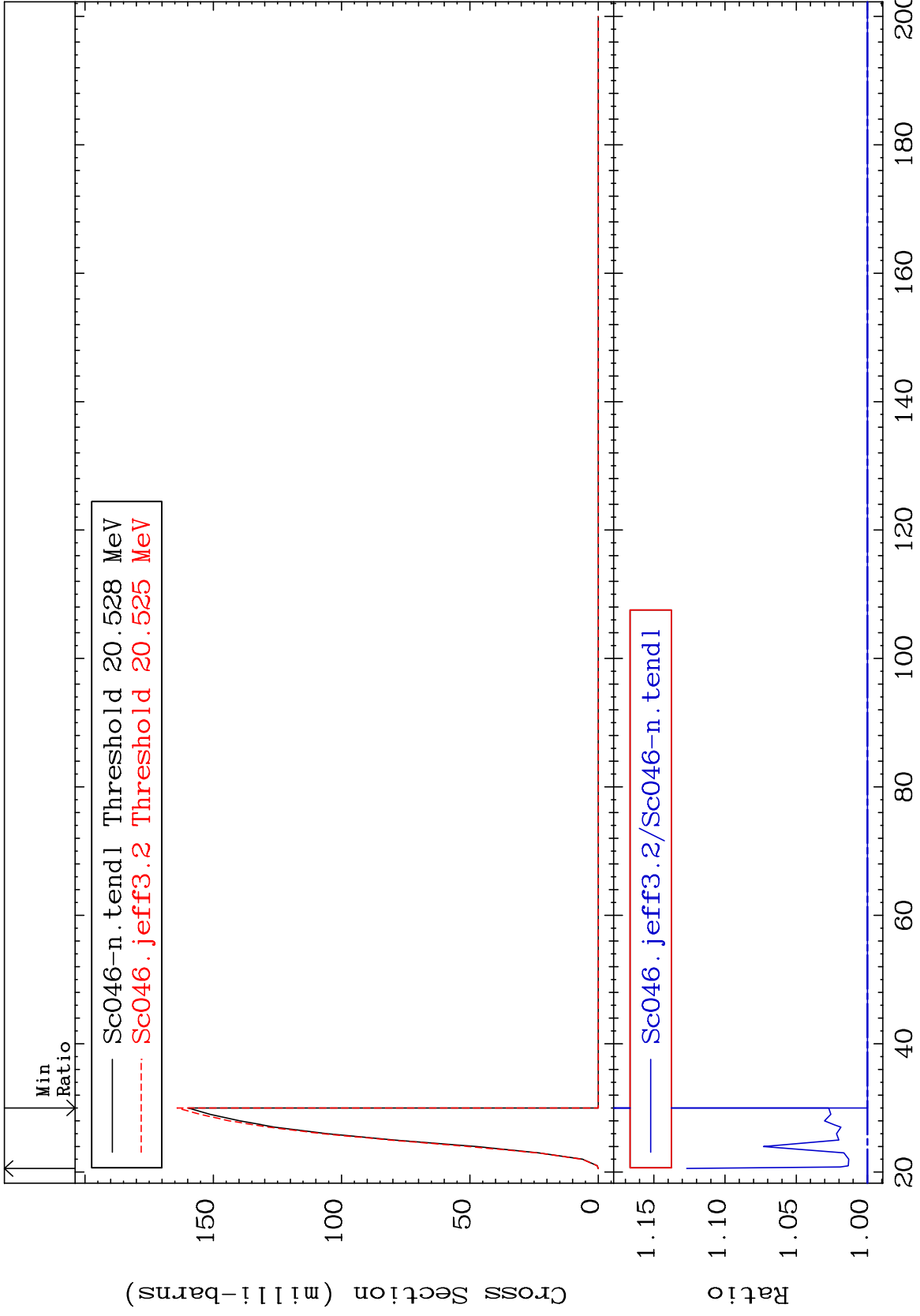
(n,3n)

²¹Sc-46

Cross Section

0.000

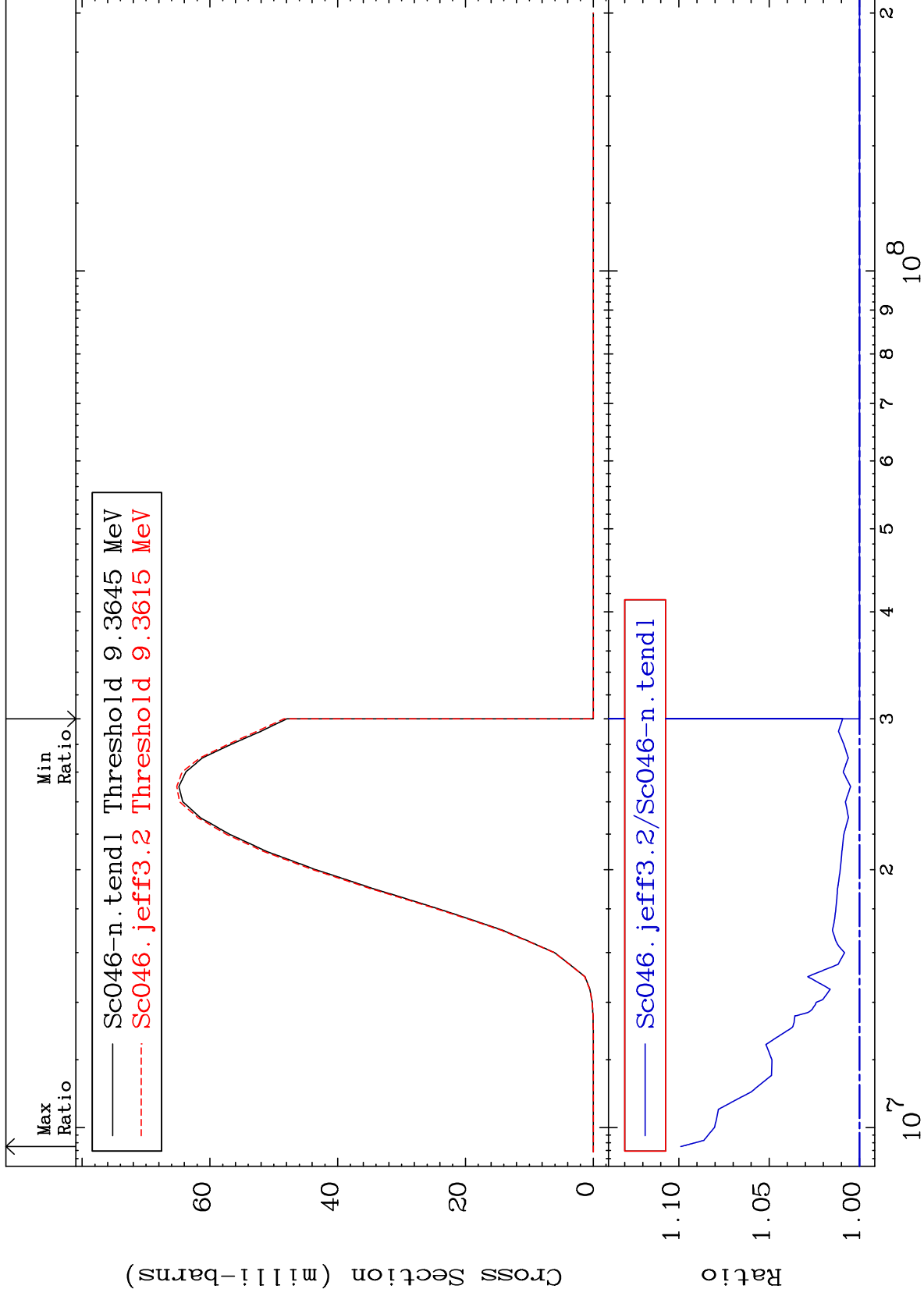
To 12.69 %



MAT 2128

(n,n') α
Cross Section

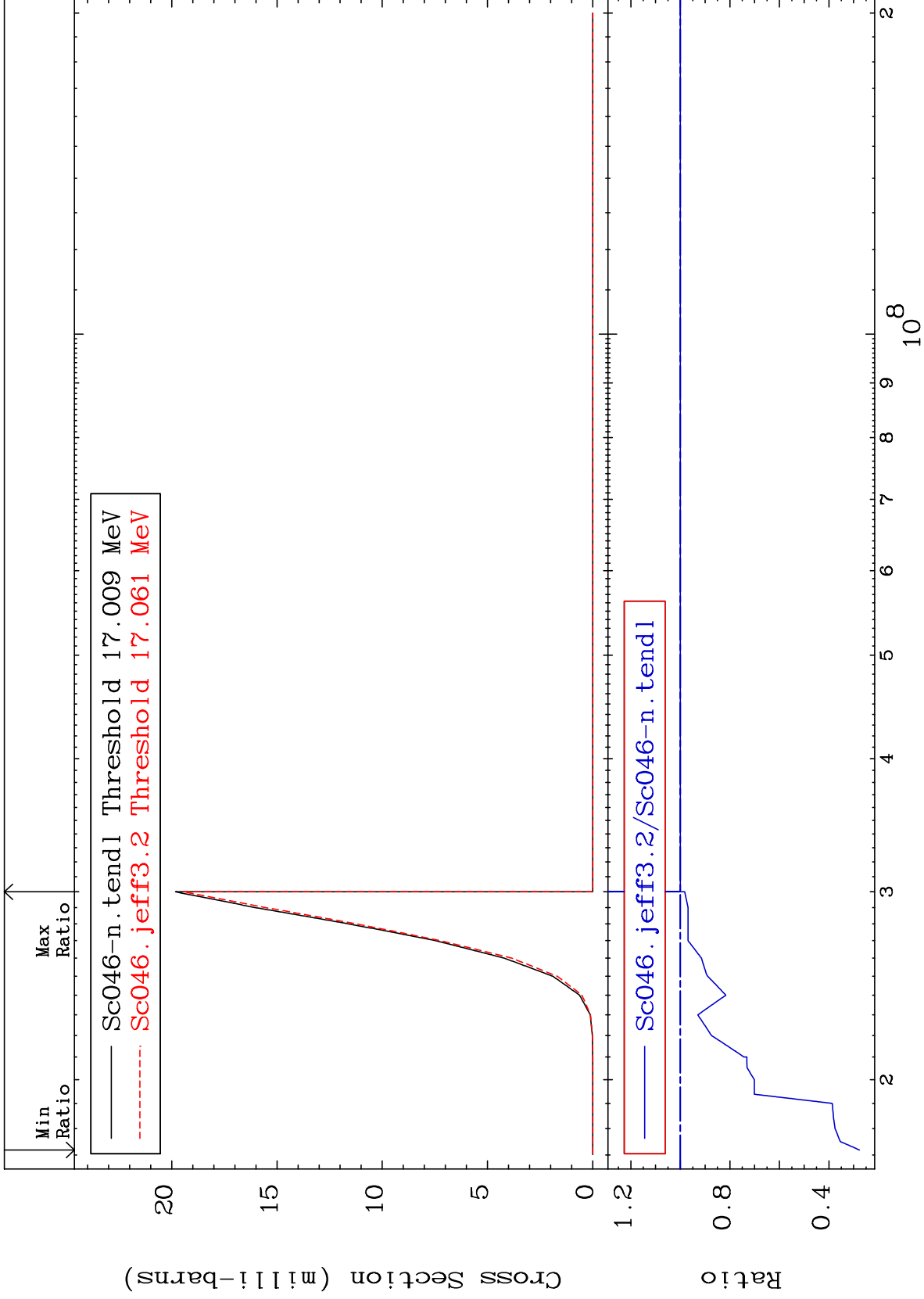
21-Sc-46
To 9.897 %
0.000



MAT 2128

(n,2n) α
Cross Section

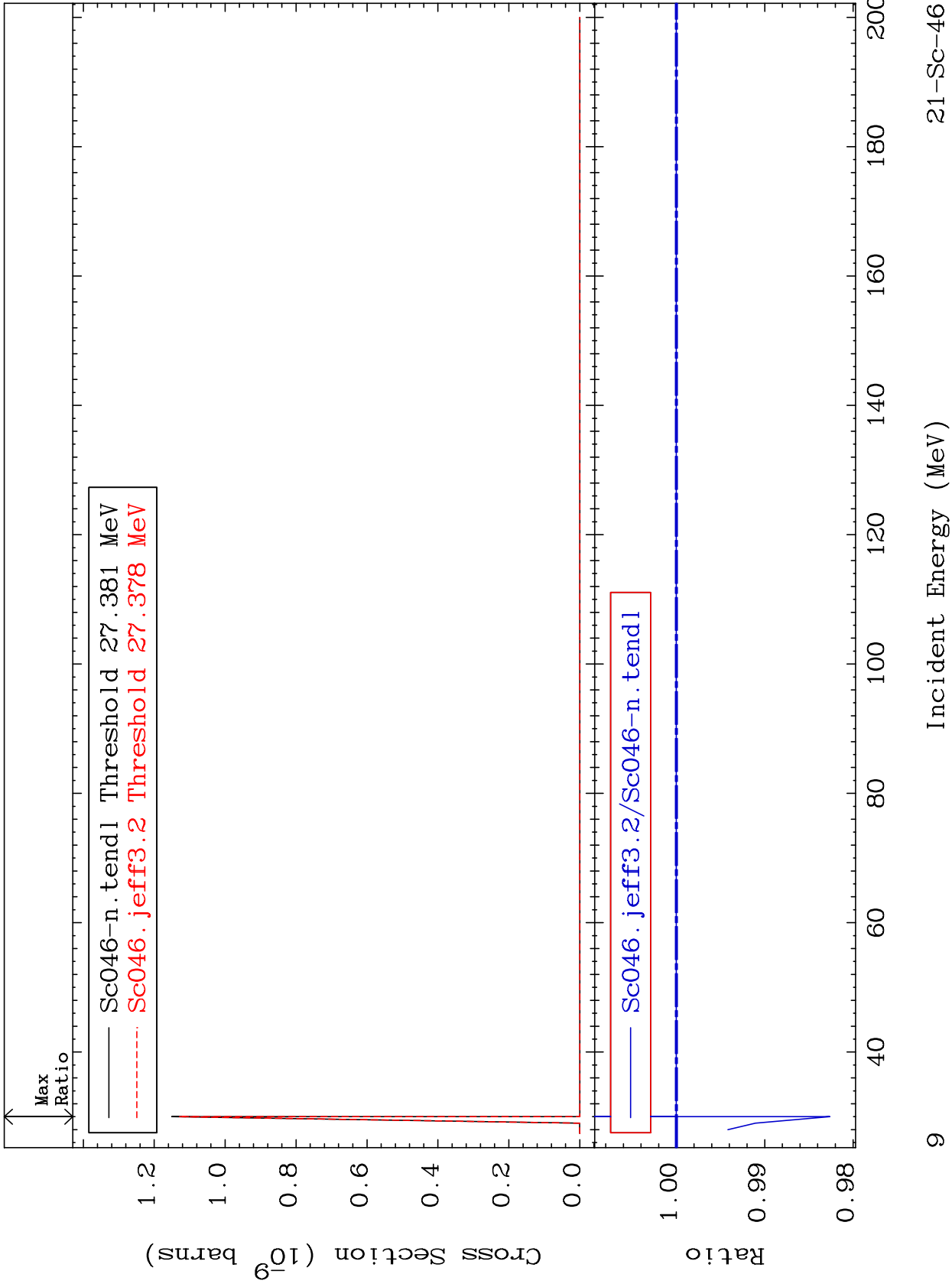
21-Sc-46
-72.33 To 0.000 %



8

Incident Energy (eV)

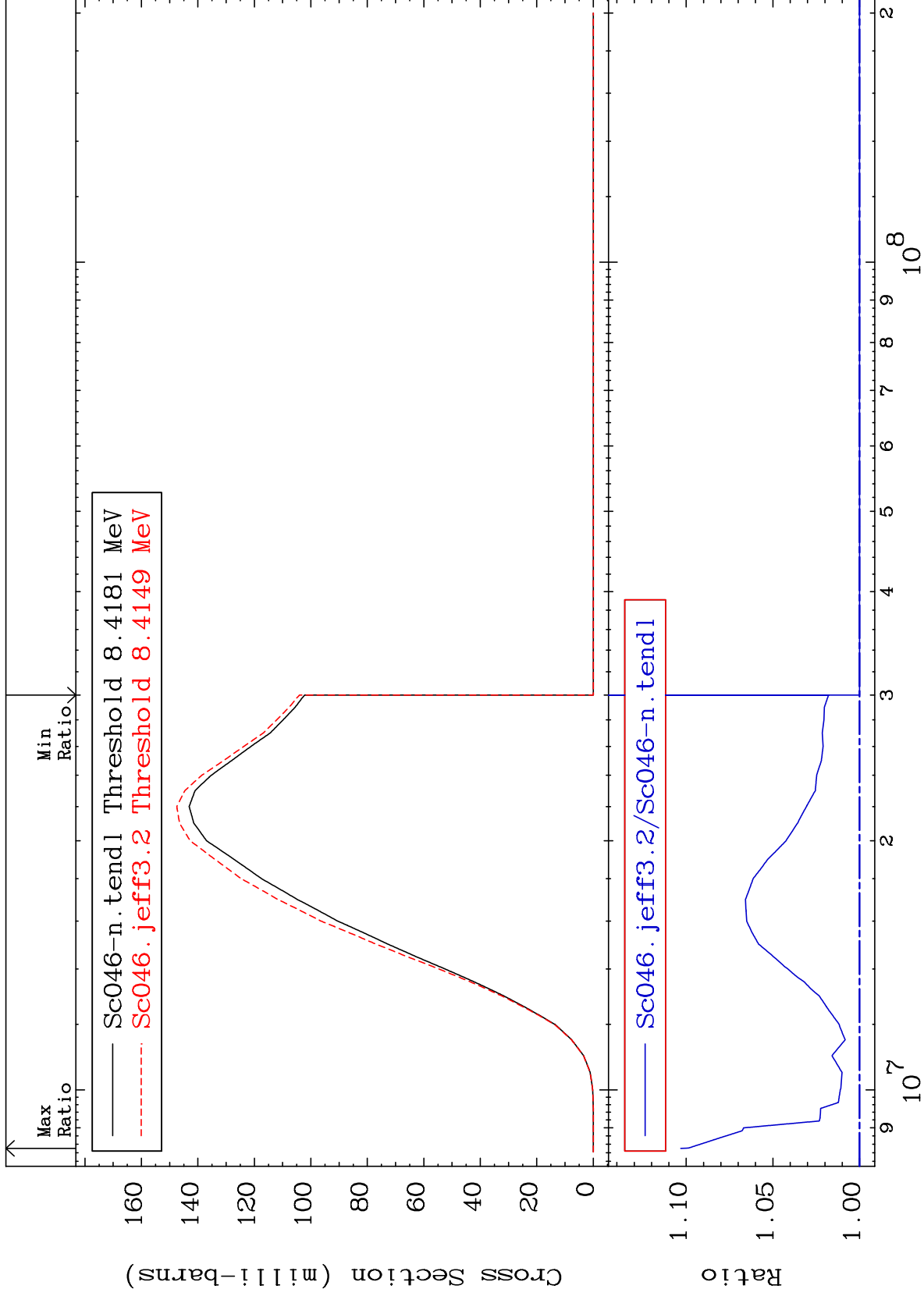
21-Sc-46



MAT 2128

(n, n') p
Cross Section

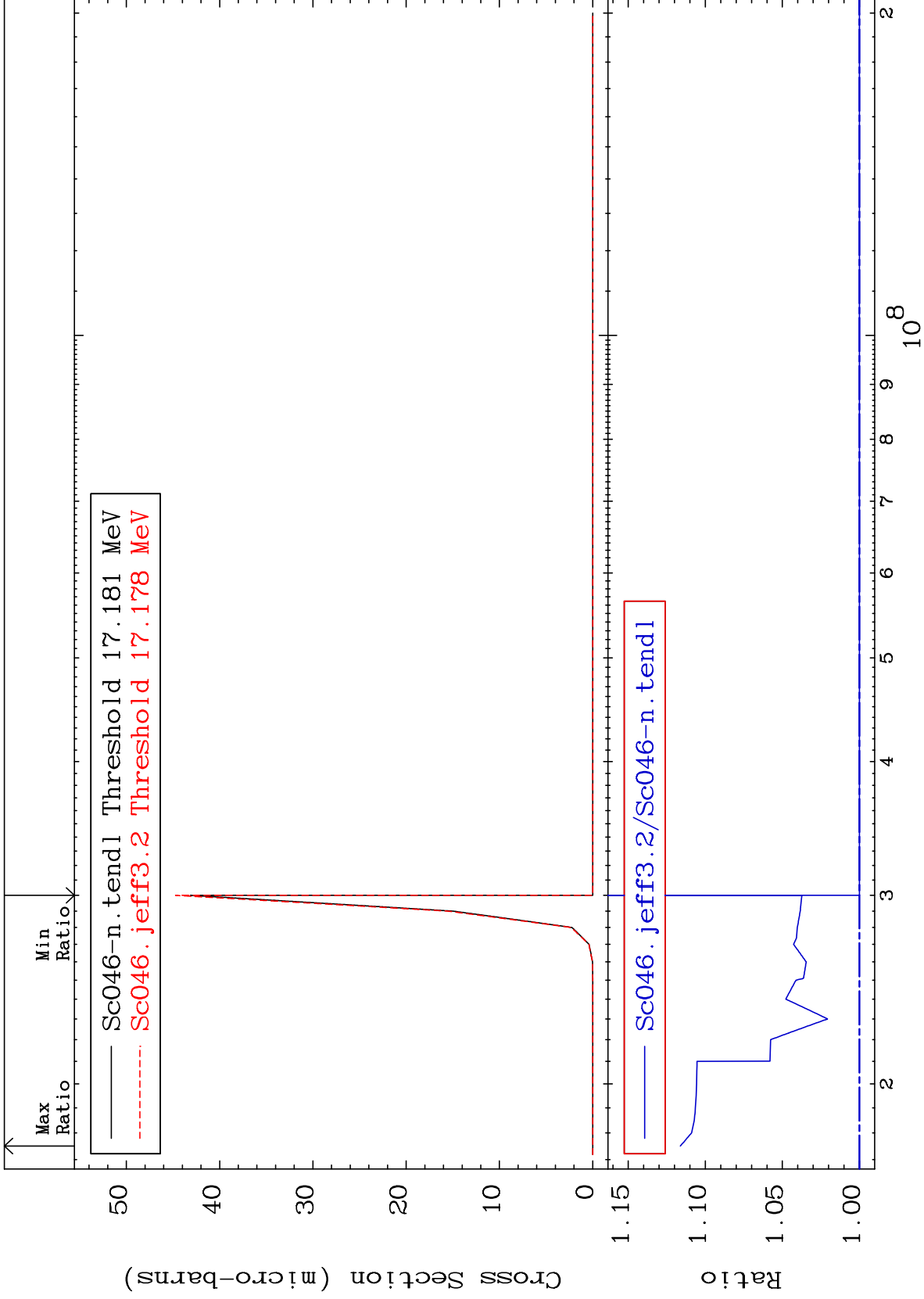
21-Sc-46
0.000 To 10.31 %



MAT 2128

(n, n') 2α
Cross Section

21-Sc-46
0.000 To 11.62 %



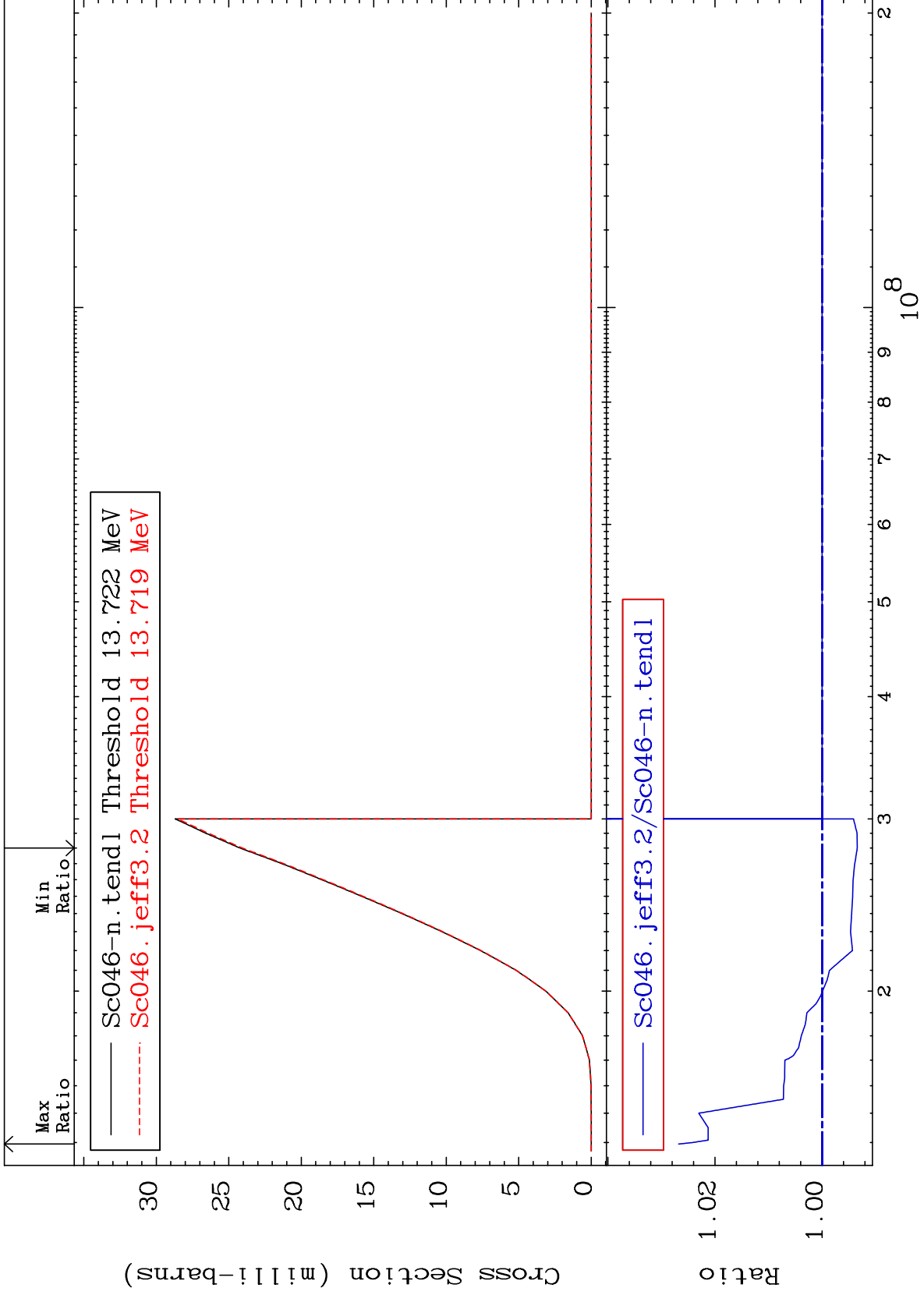
11

21-Sc-46

MAT 2128

(n,n') d
Cross Section

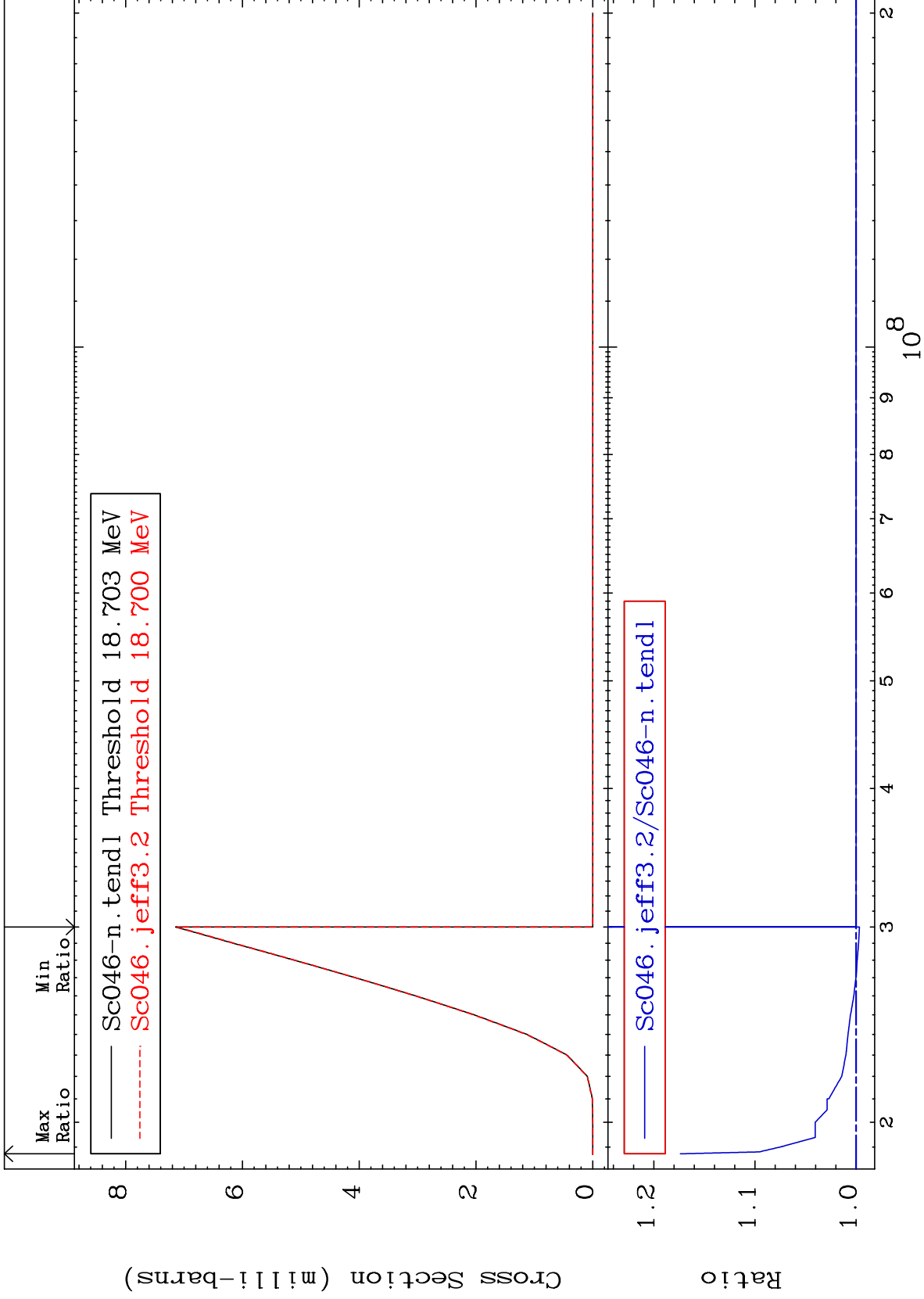
21-Sc-46
-0.655 To 2.679 %



MAT 2128

(n,n') t
Cross Section

21-Sc-46
-0.325 To 17.38 %



13

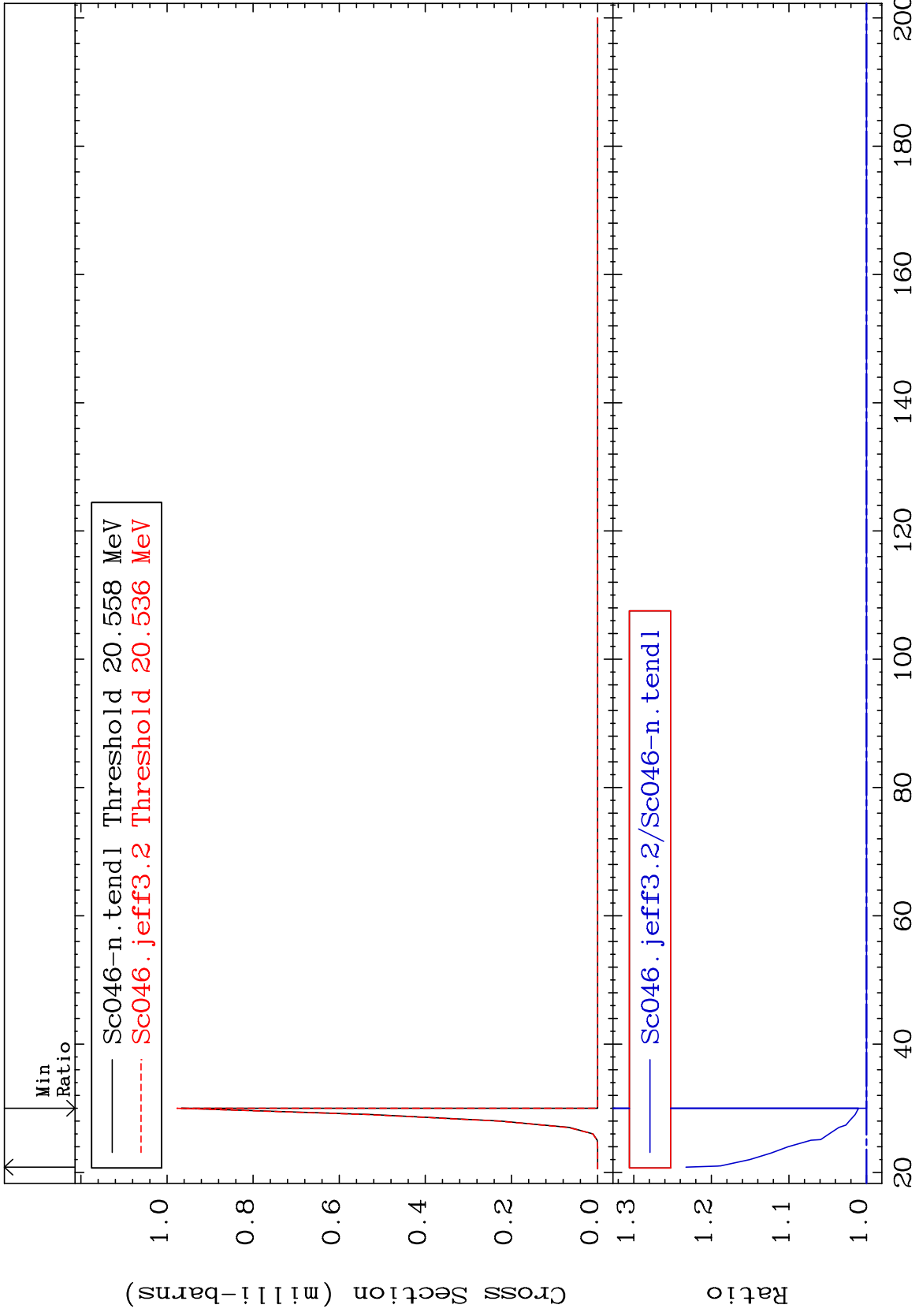
21-Sc-46

21-Sc-46

MAT 2128

(n, n') He-3
Cross Section

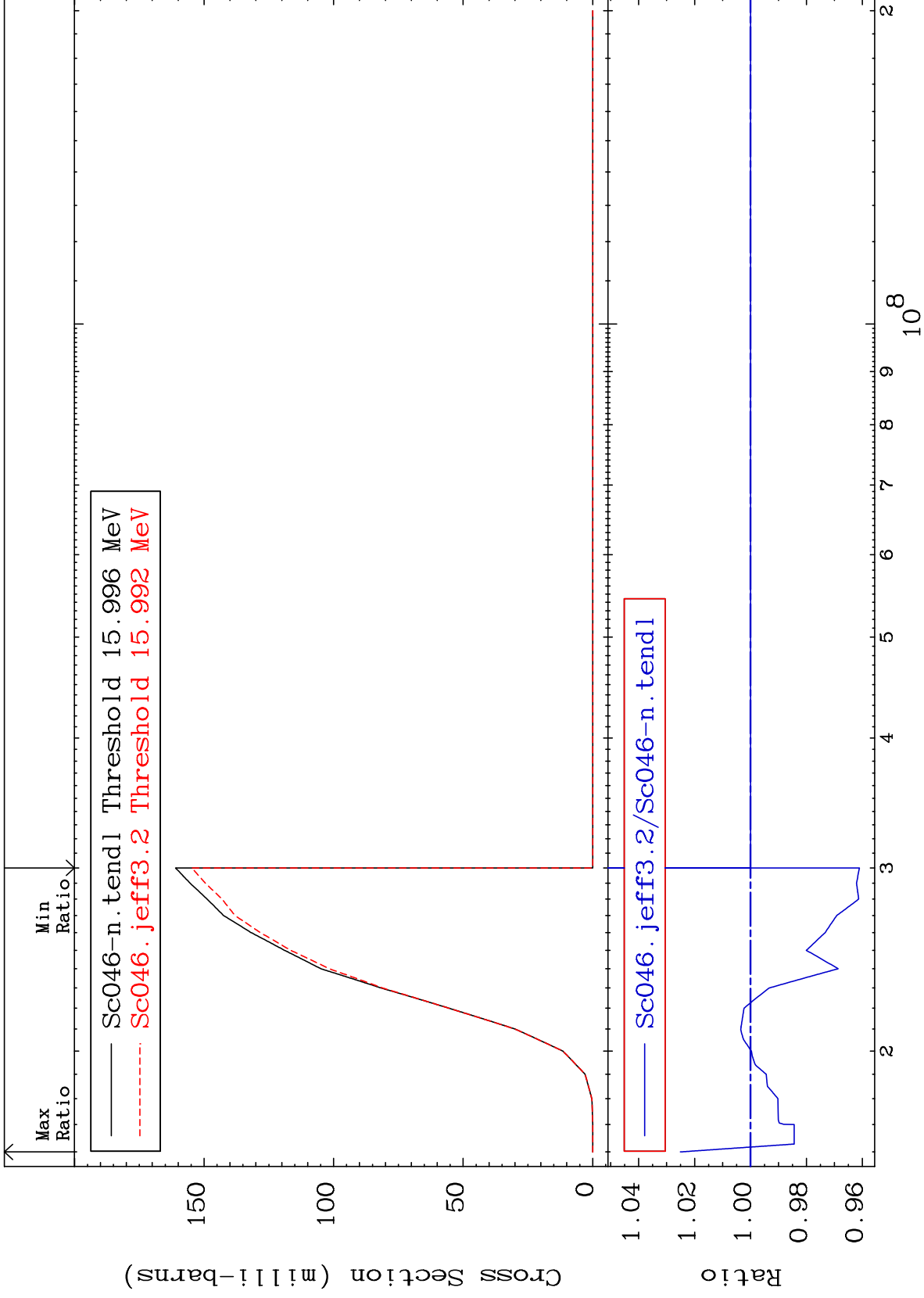
21-Sc-46
0.000 To 23.27 %



MAT 2128

(n,2n) p
Cross Section

21-Sc-46
-3.898 To 2.509 %



15

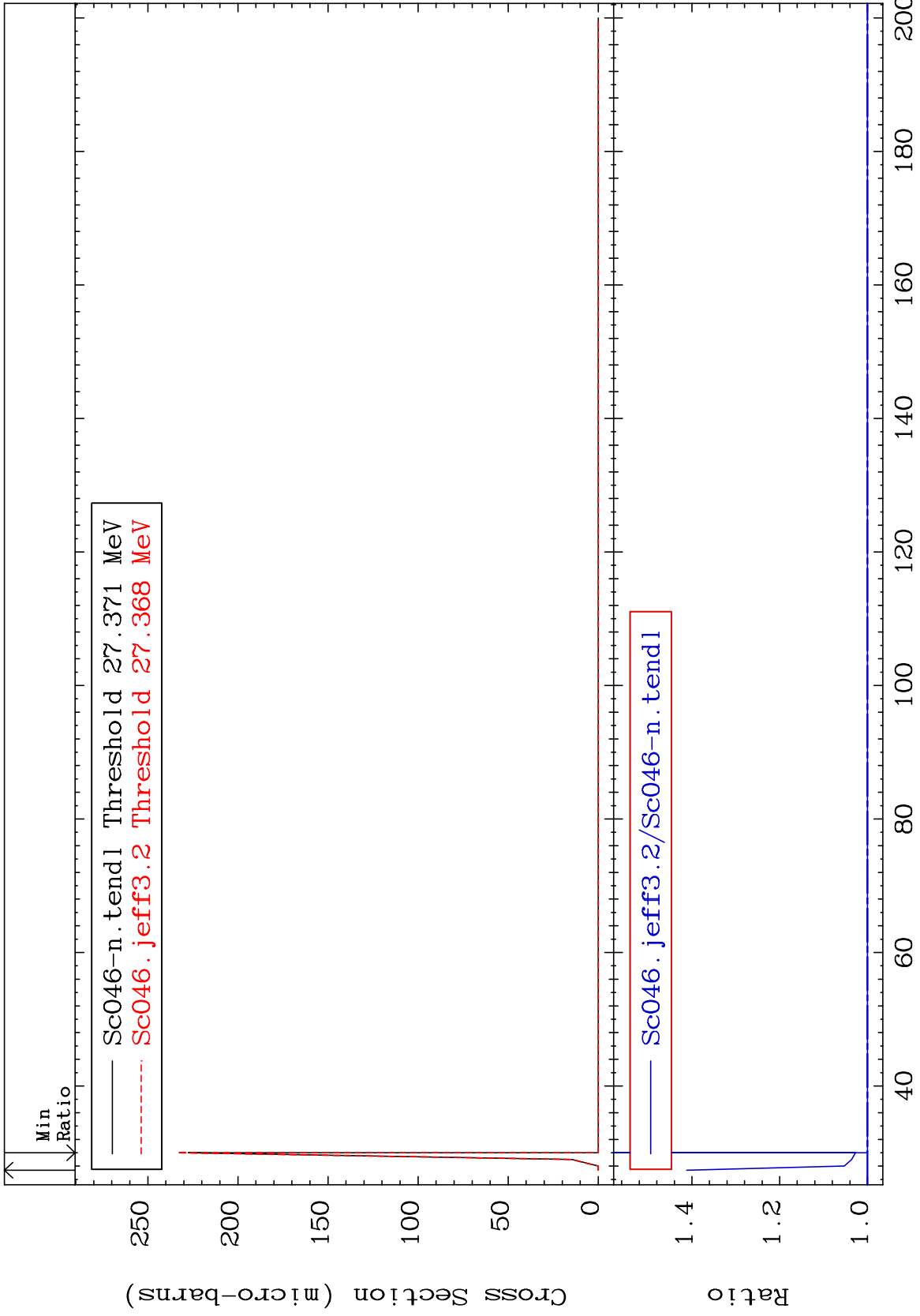
Incident Energy (eV)

21-Sc-46

MAT 2128

(n,3n) p
Cross Section

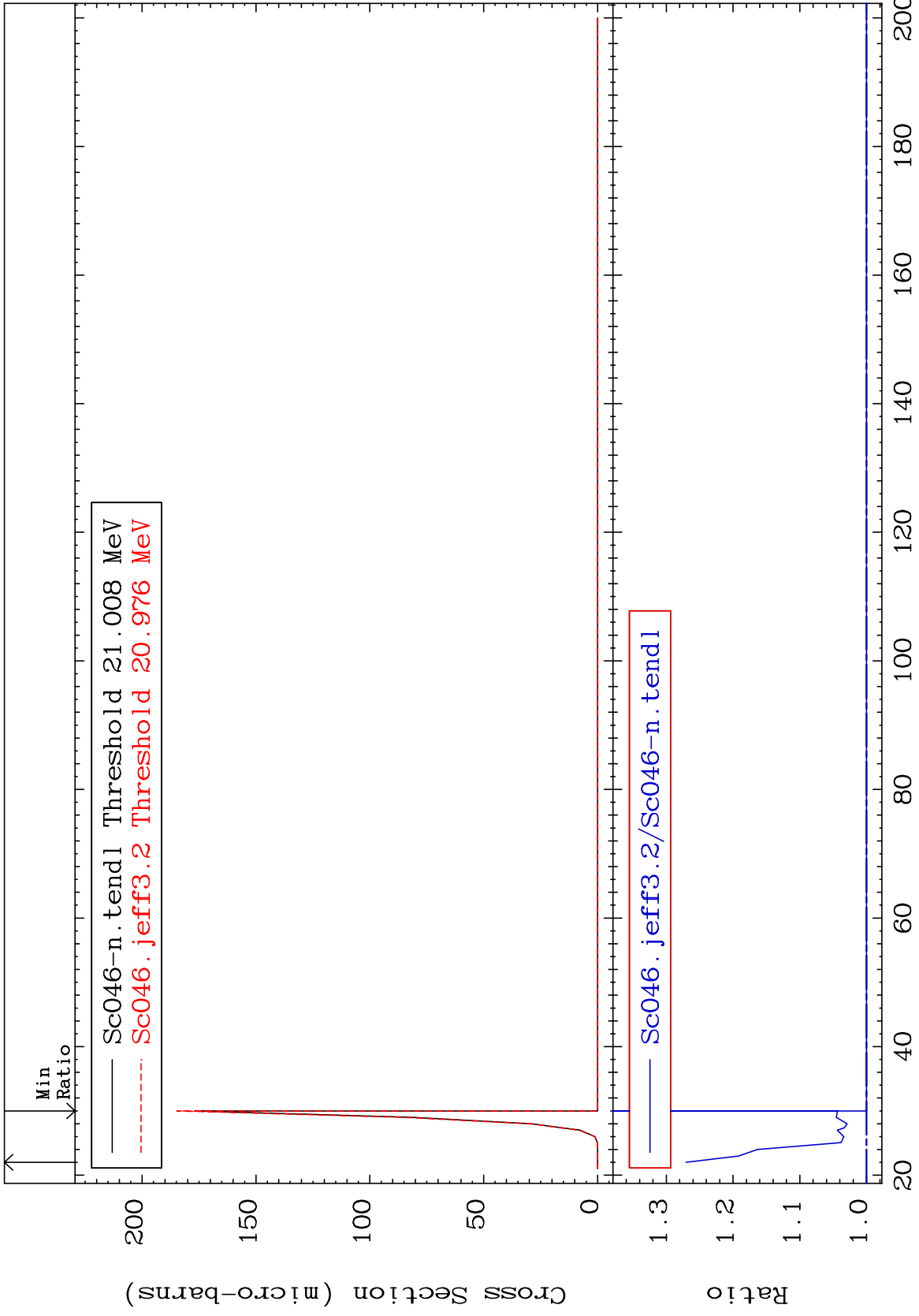
21-Sc-46
0.000 To 41.19 %



MAT 2128

(n,2n) p
Cross Section

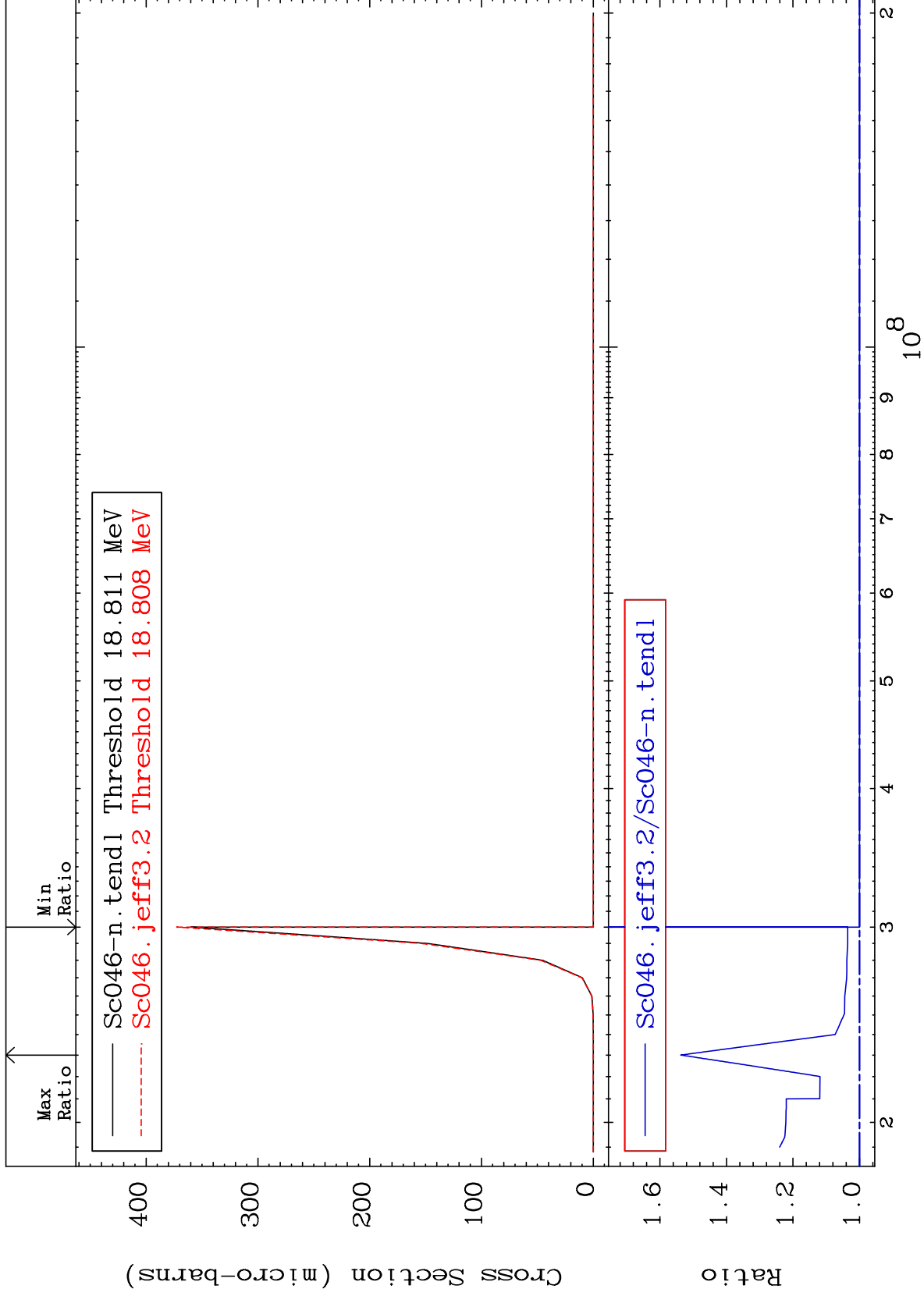
21-Sc-46
0.000 To 27.05 %



MAT 2128

(n,n') p α
Cross Section

21-Sc-46
0.000 To 53.75 %



18

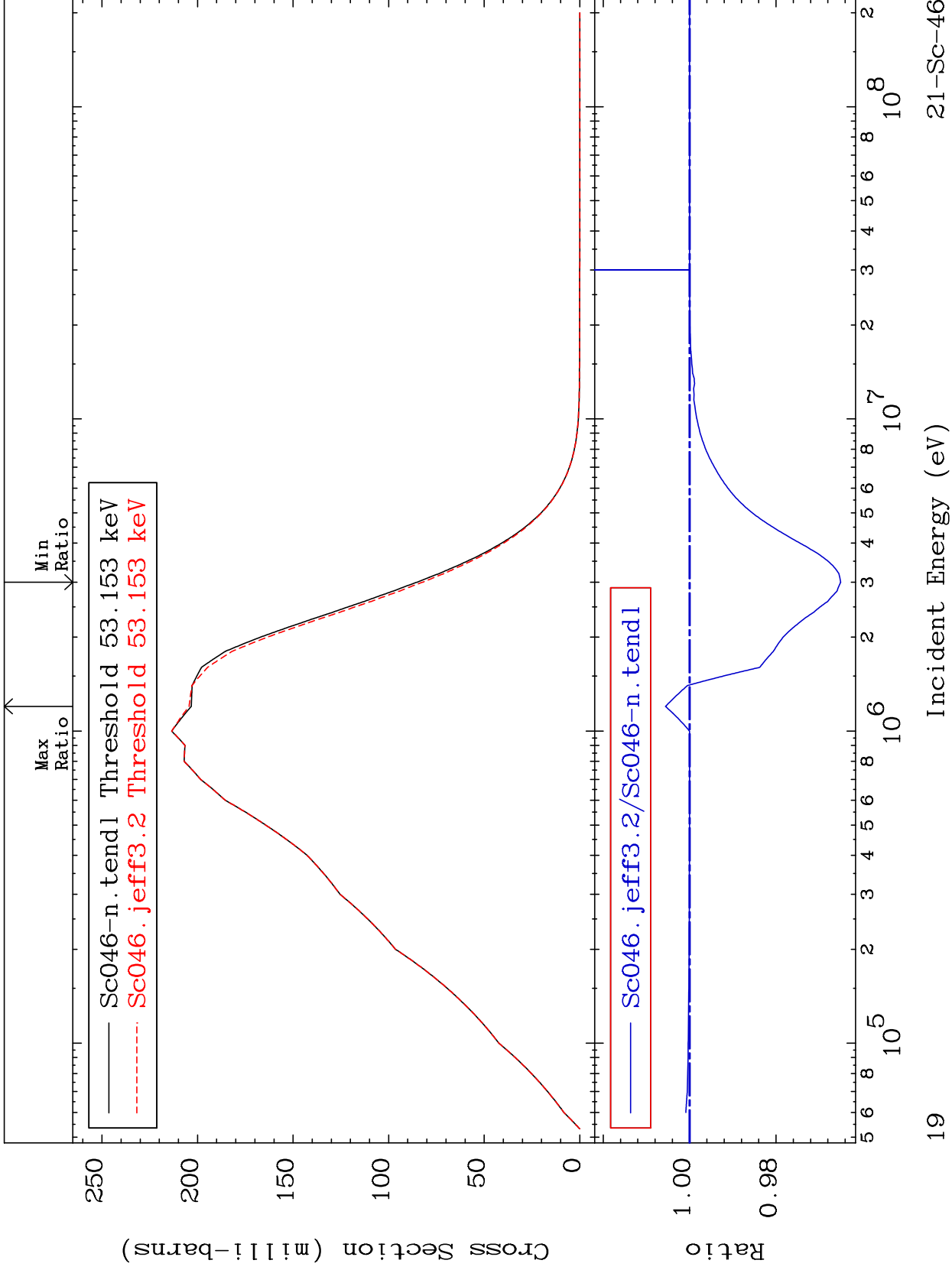
Incident Energy (eV)

21-Sc-46

MAT 2128

52.01 keV (n,n') Level
Cross Section

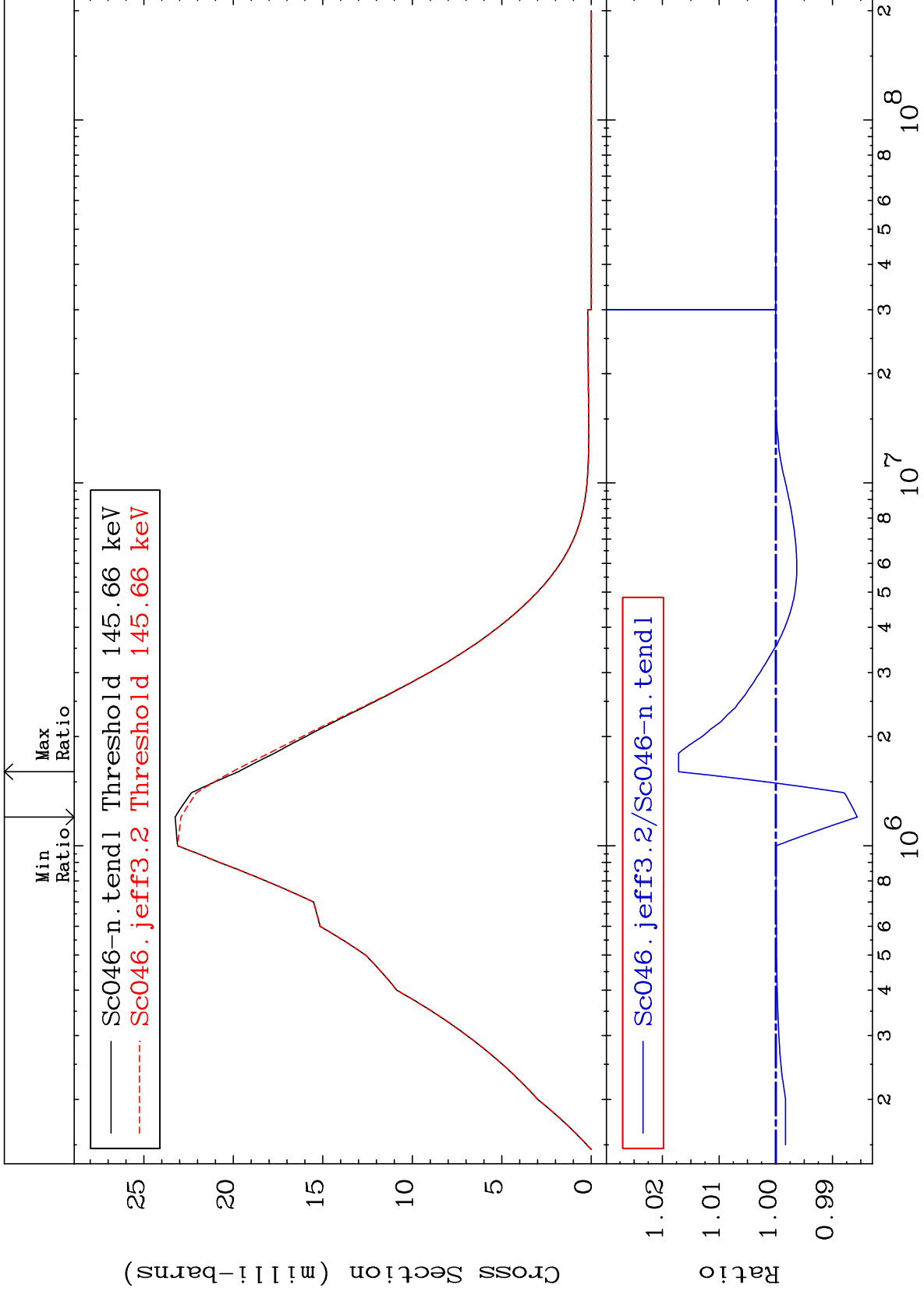
21-Sc-46
-3.496 To 0.558 %



MAT 2128

142.5 keV (n,n') Level
Cross Section

21-Sc-46
-1.437 To 1.714 %



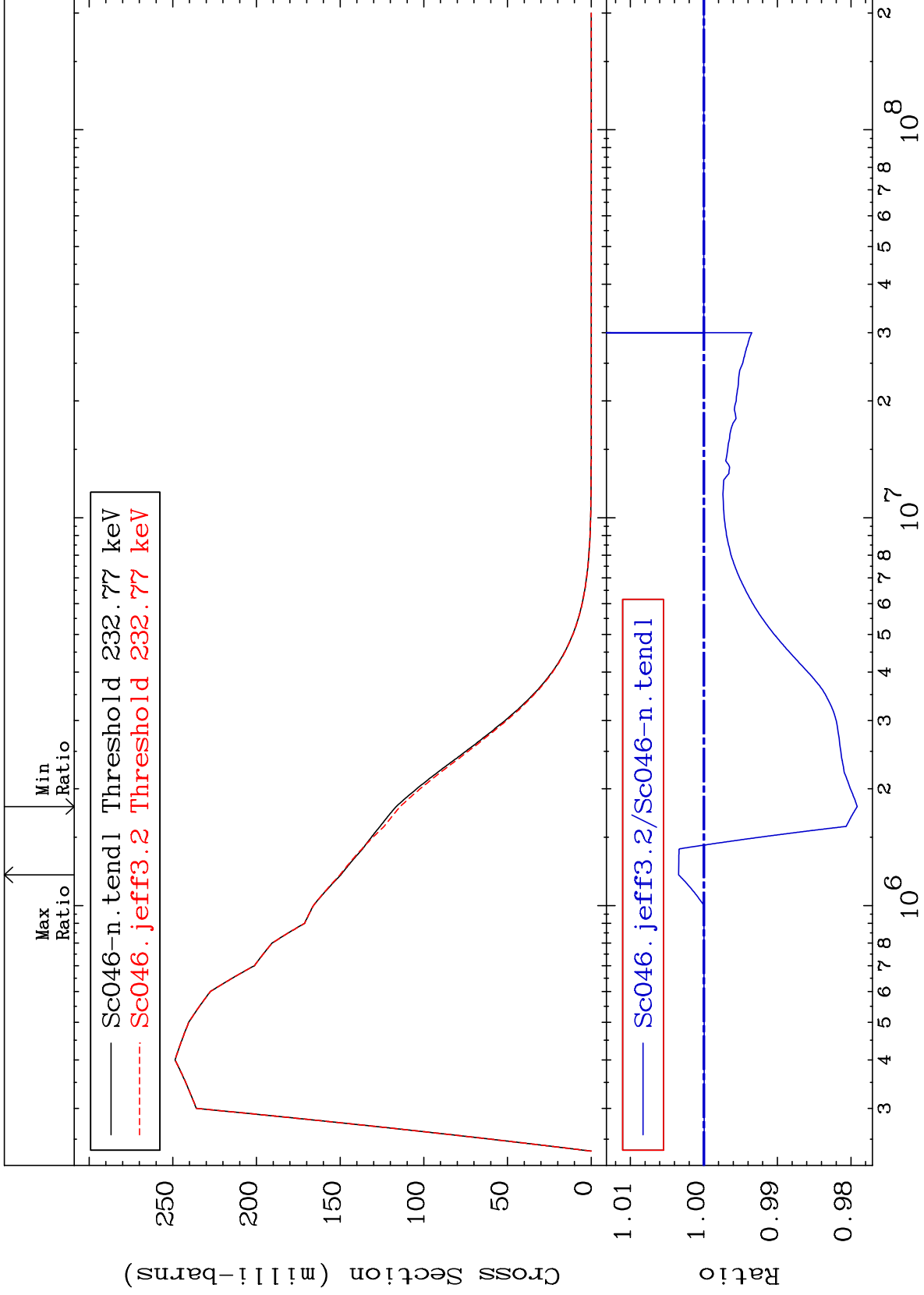
20

21-Sc-46

MAT 2128

227.8 keV (n,n') Level
Cross Section

21-Sc-46
-2.086 To 0.343 %



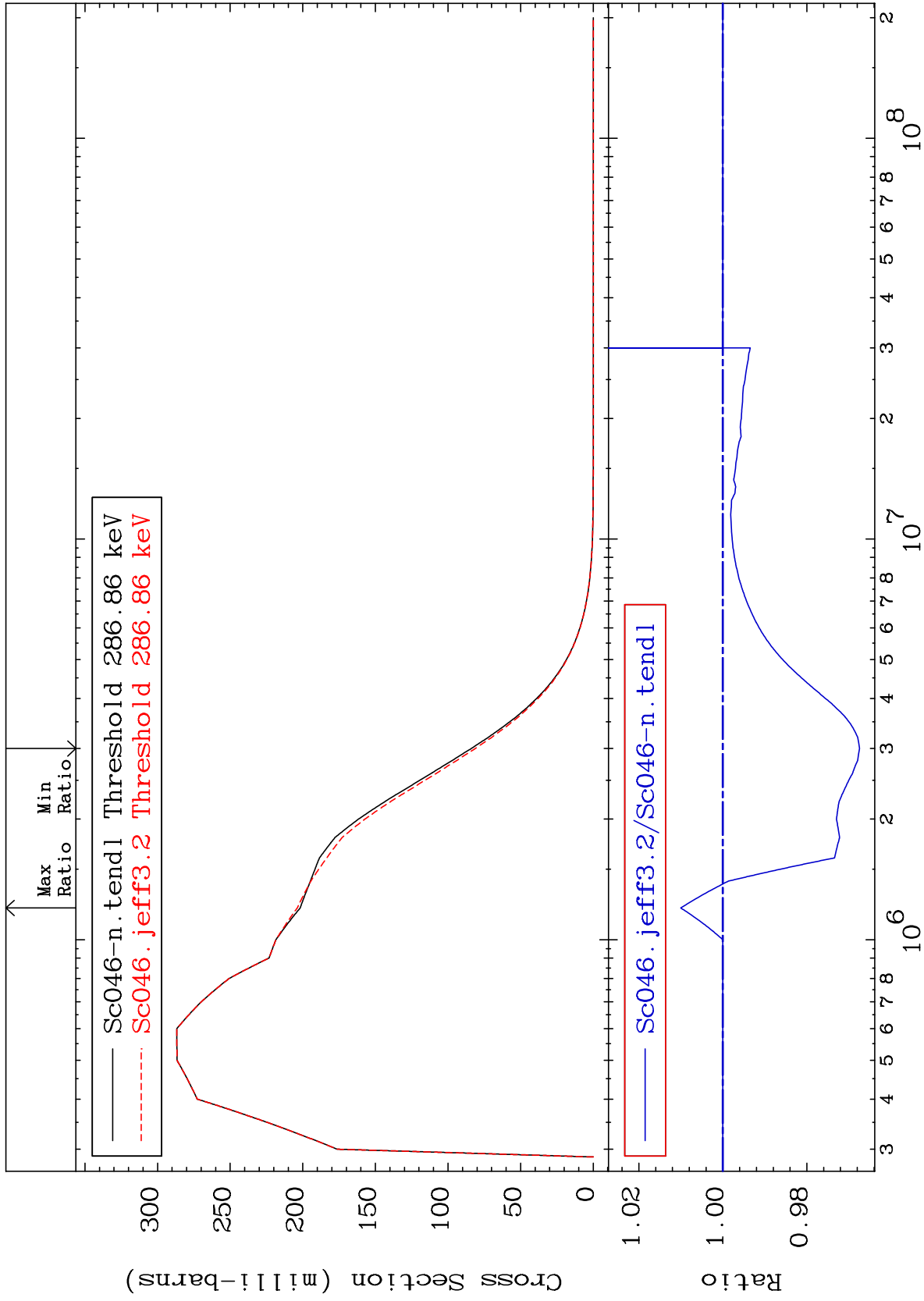
MAT 2128

280.7 keV (n,n') Level

21-Sc-46

-3.254 To 1.002 %

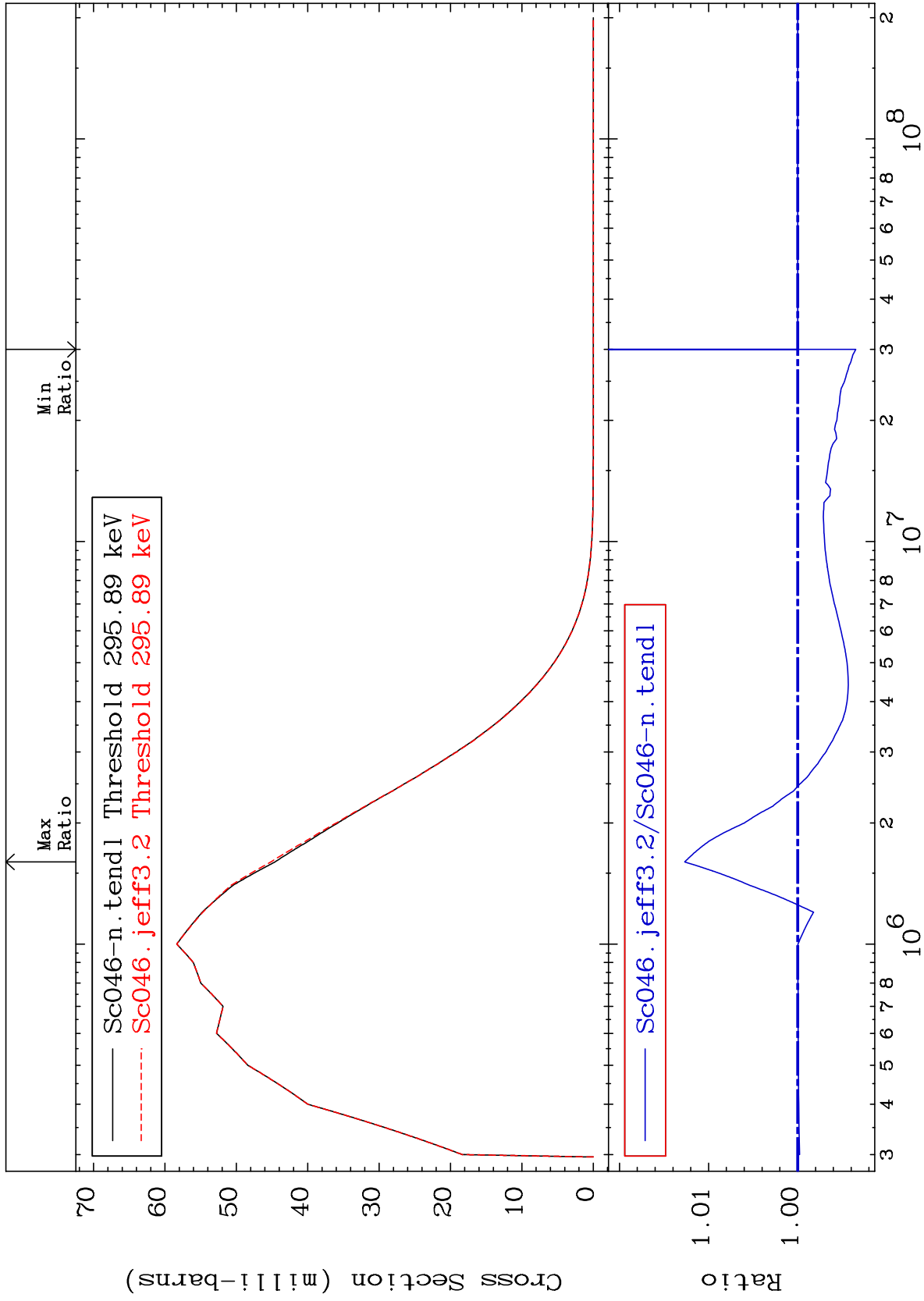
Cross Section



MAT 2128

289.5 keV (n,n') Level
Cross Section

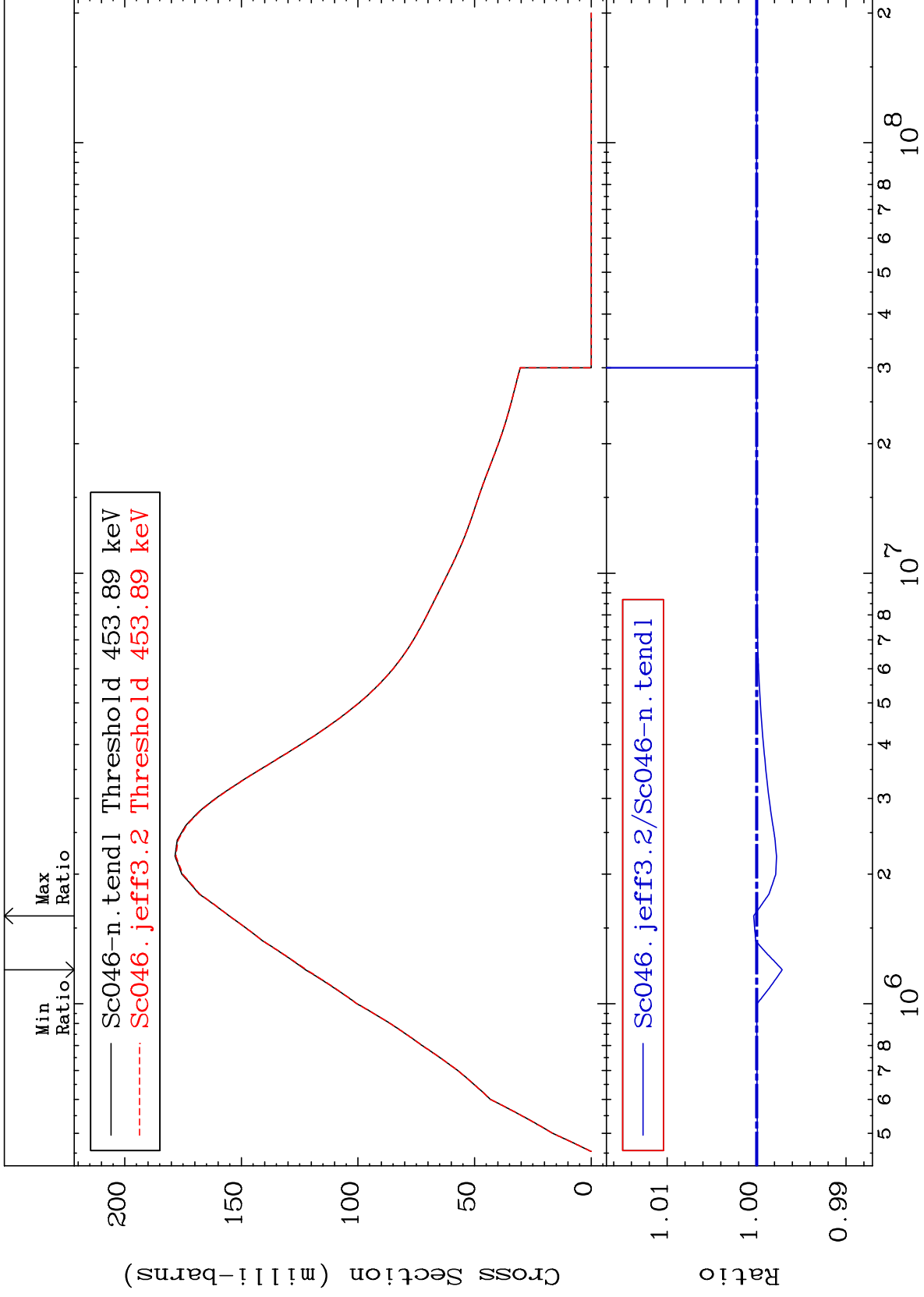
21-Sc-46
-0.651 To 1.269 %



MAT 2128

444.1 keV (n,n') Level
Cross Section

21-Sc-46
-0.286 To 0.033 %



24

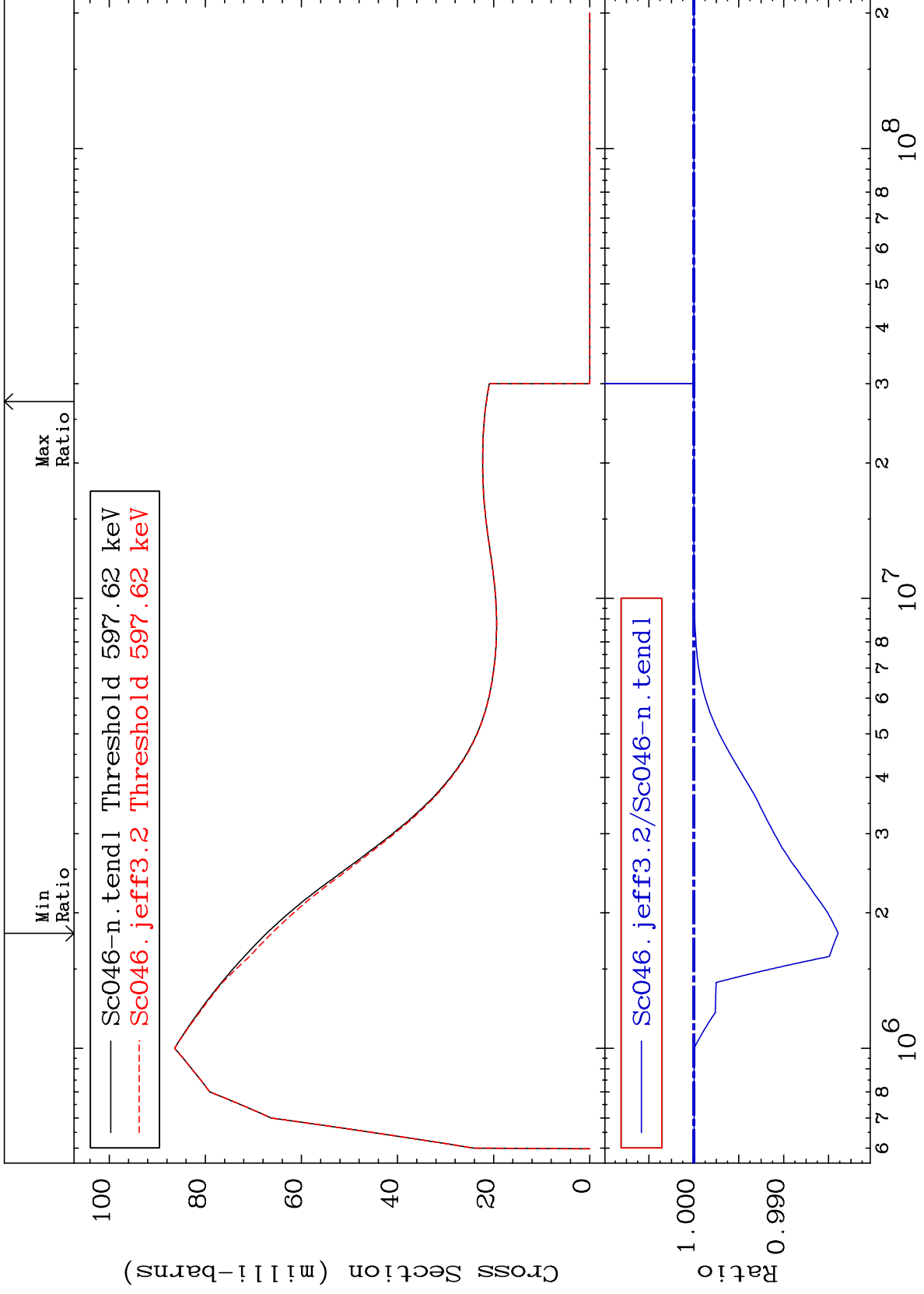
Incident Energy (eV)

21-Sc-46

MAT 2128

584.8 keV (n,n') Level
Cross Section

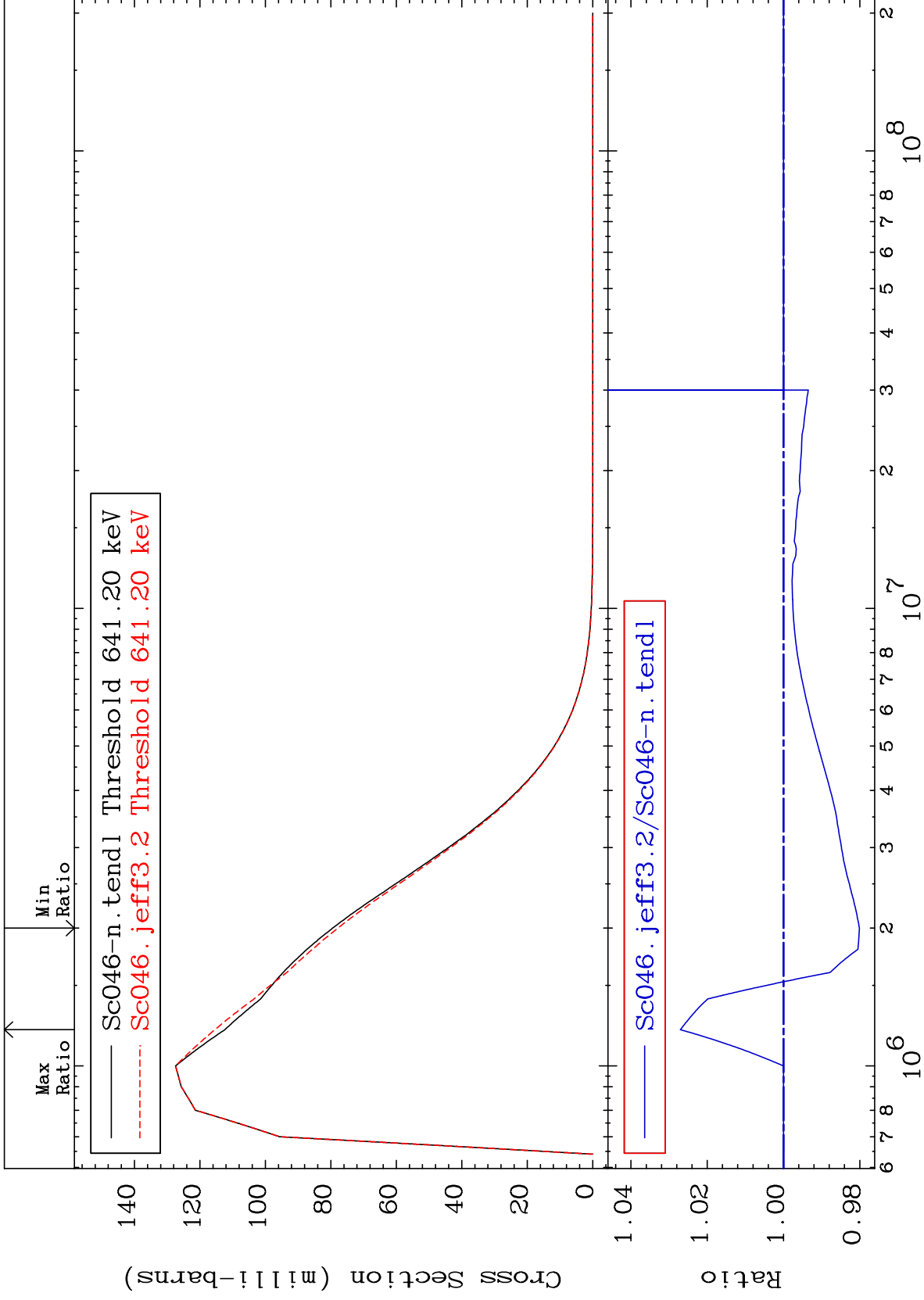
21-Sc-46
-1.607 To 0.000 %



MAT 2128

627.4 keV (n,n') Level
Cross Section

21-Sc-46
-1.991 To 2.705 %



26

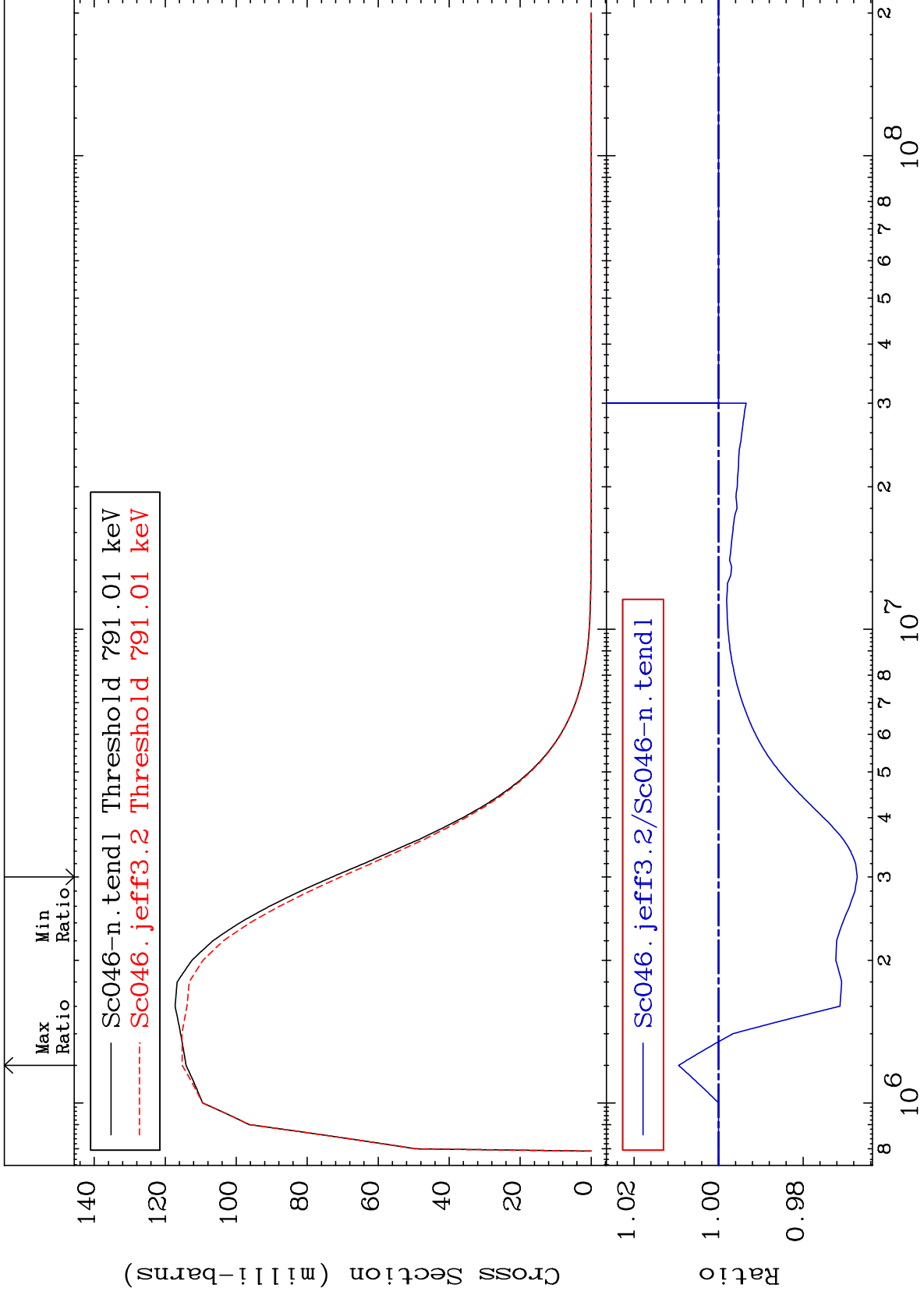
Incident Energy (eV)

21-Sc-46

MAT 2128

774.0 keV (n,n') Level
Cross Section

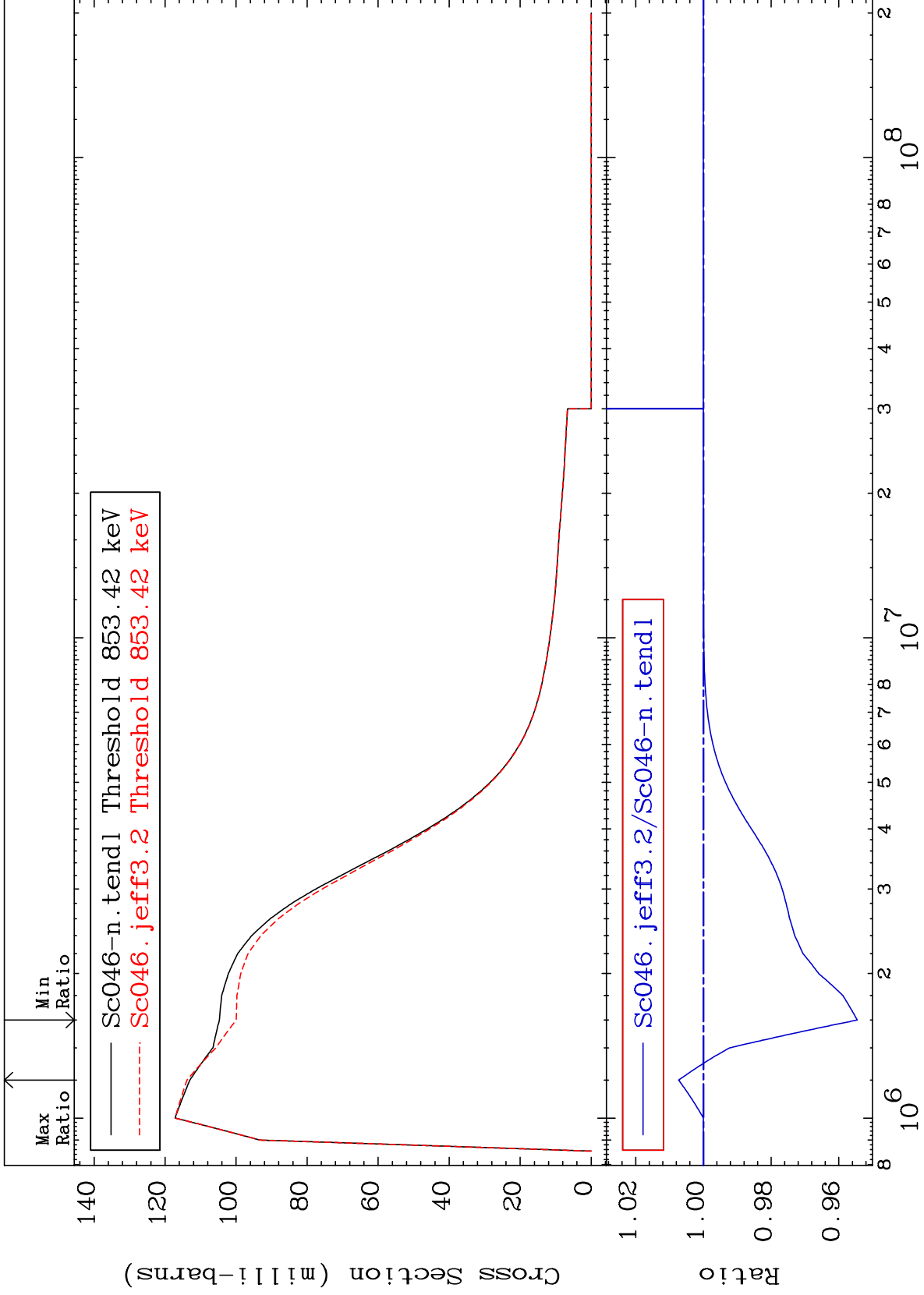
21-Sc-46
-3.282 To 0.946 %



MAT 2128

835.1 keV (n,n') Level
Cross Section

21-Sc-46
-4.544 To 0.731 %



28

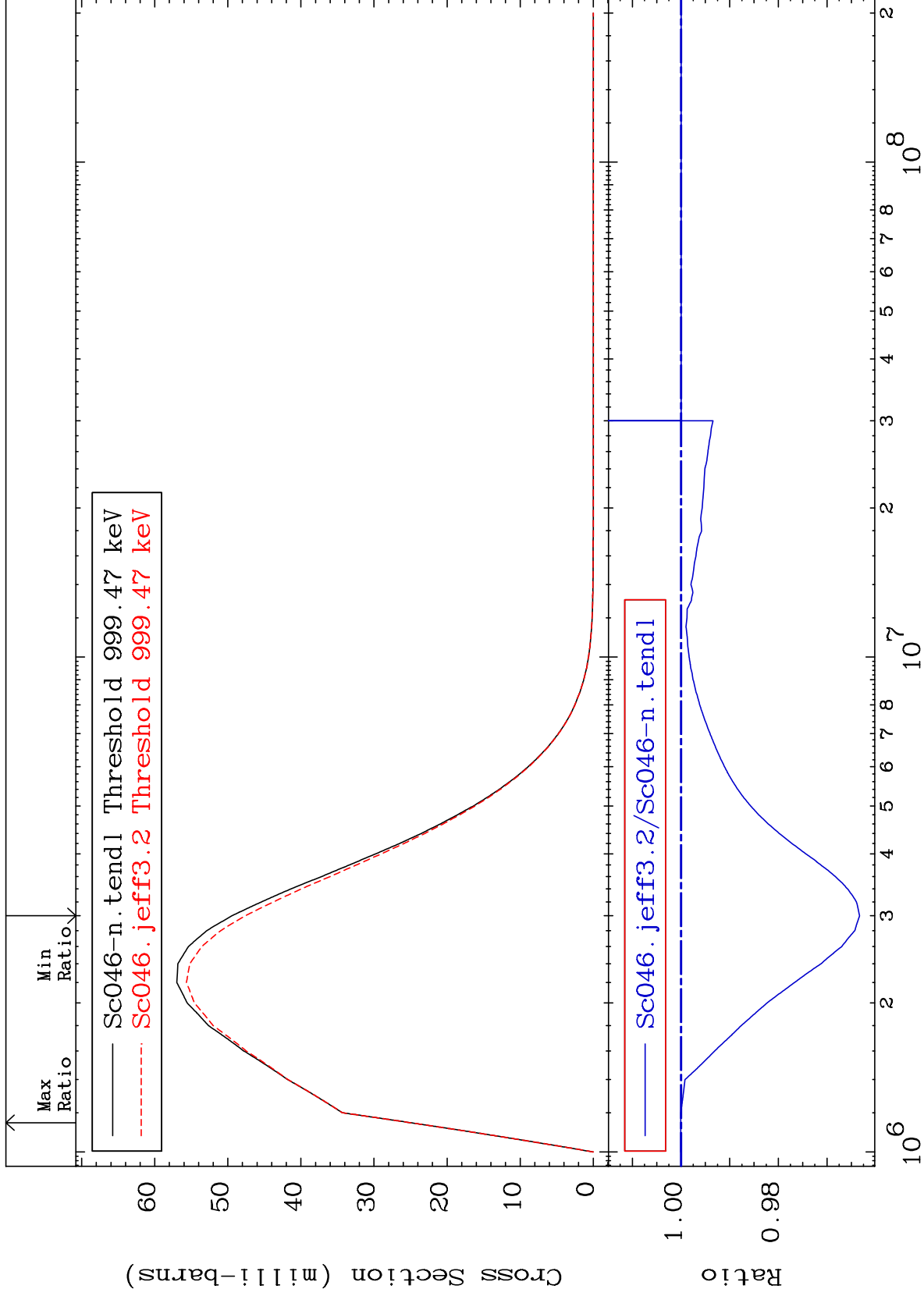
Incident Energy (eV)

21-Sc-46

MAT 2128

978.0 keV (n,n') Level
Cross Section

21-Sc-46
-3.668 To 0.006 %



29

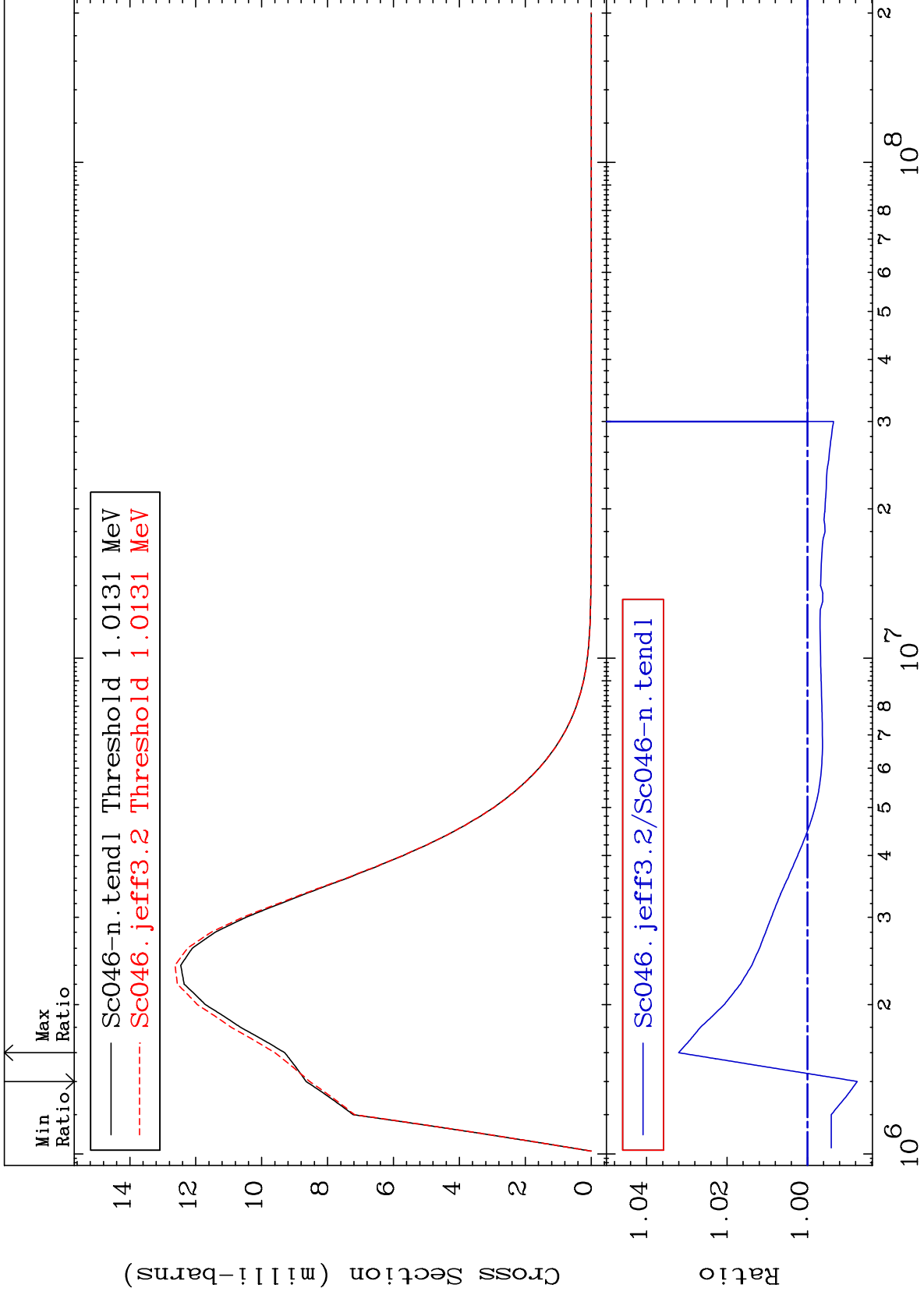
Incident Energy (eV)

21-Sc-46

MAT 2128

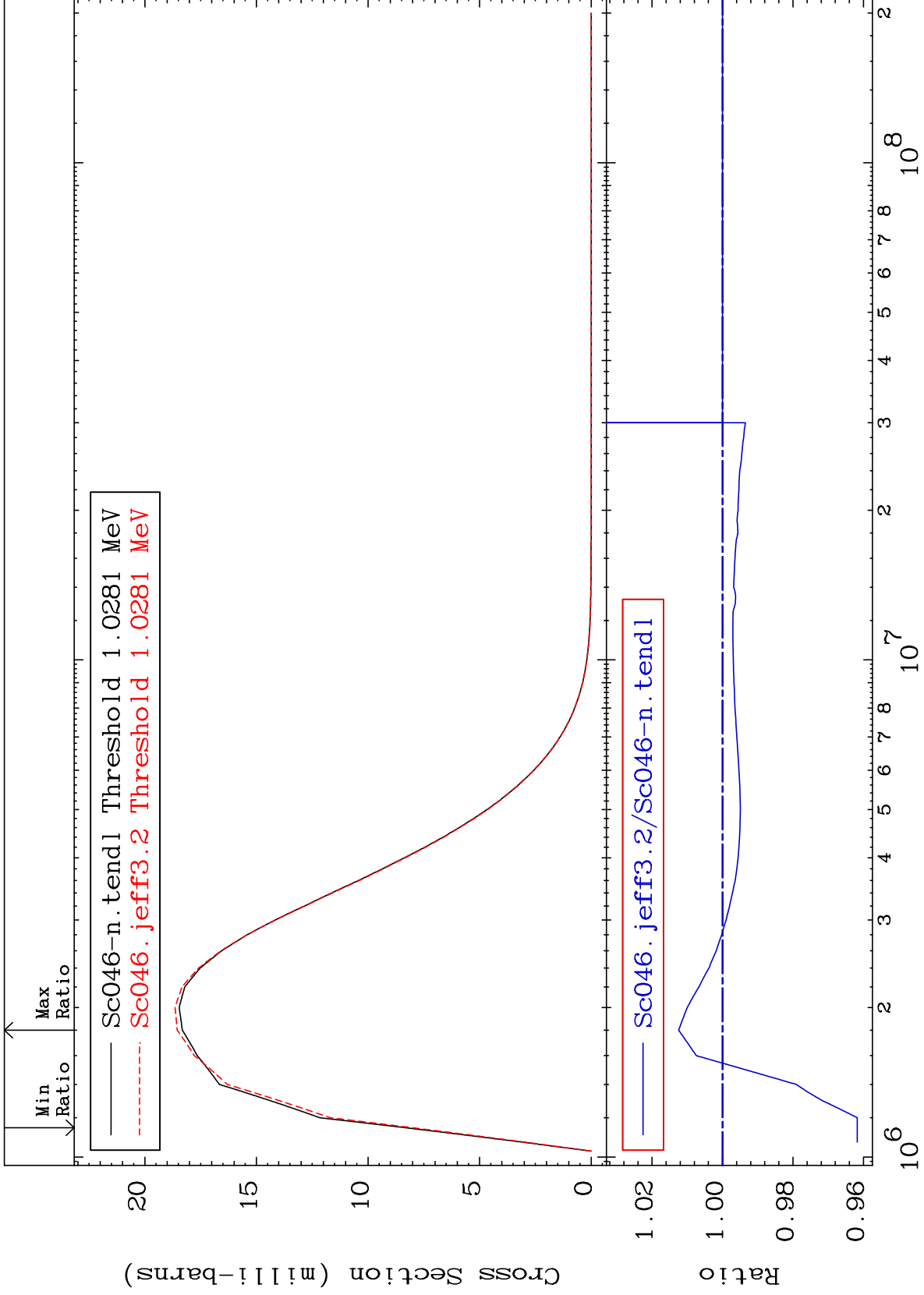
991.3 keV (n,n') Level
Cross Section

21-Sc-46
-1.239 To 3.204 %



Incident Energy (eV)

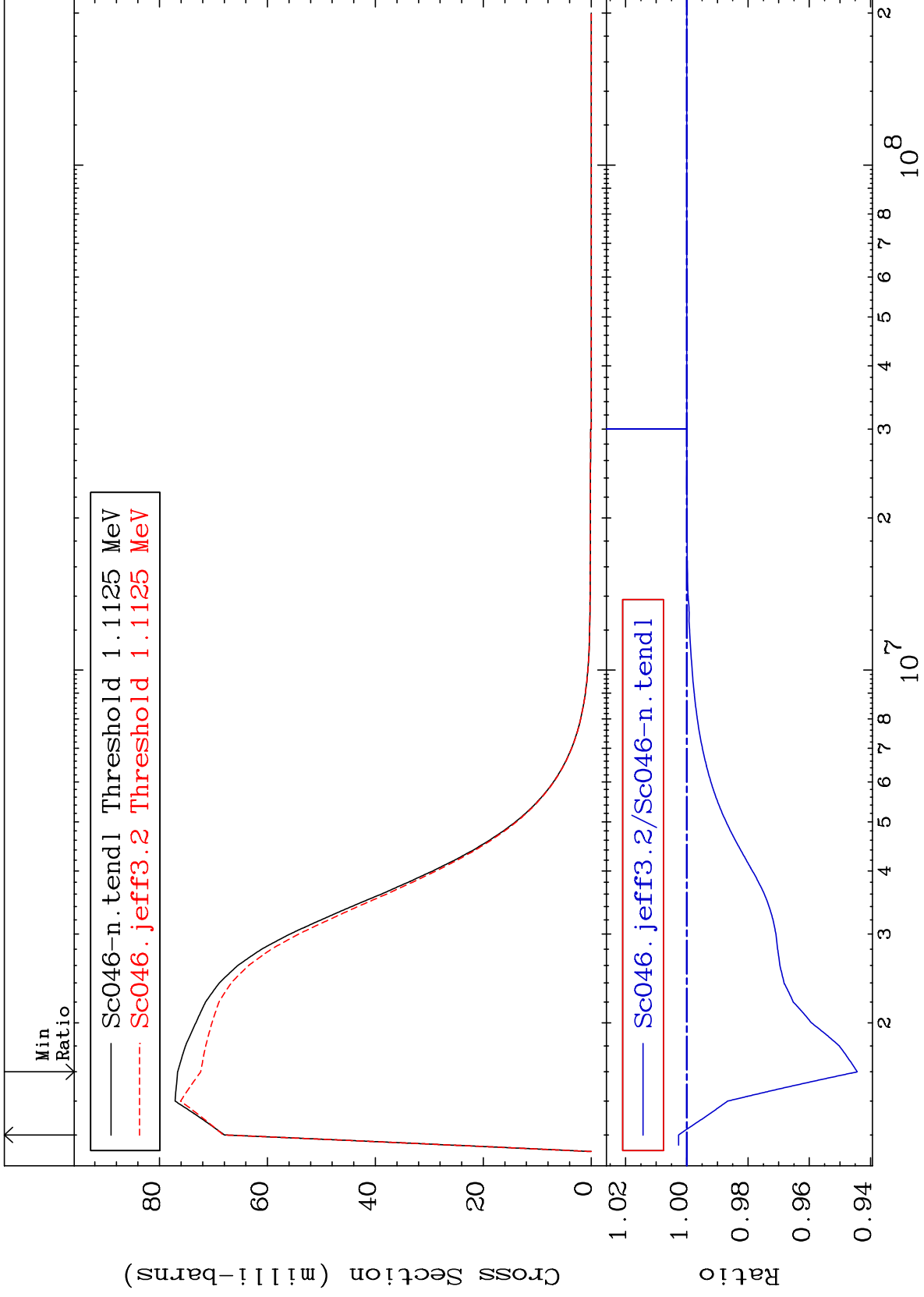
21-Sc-46

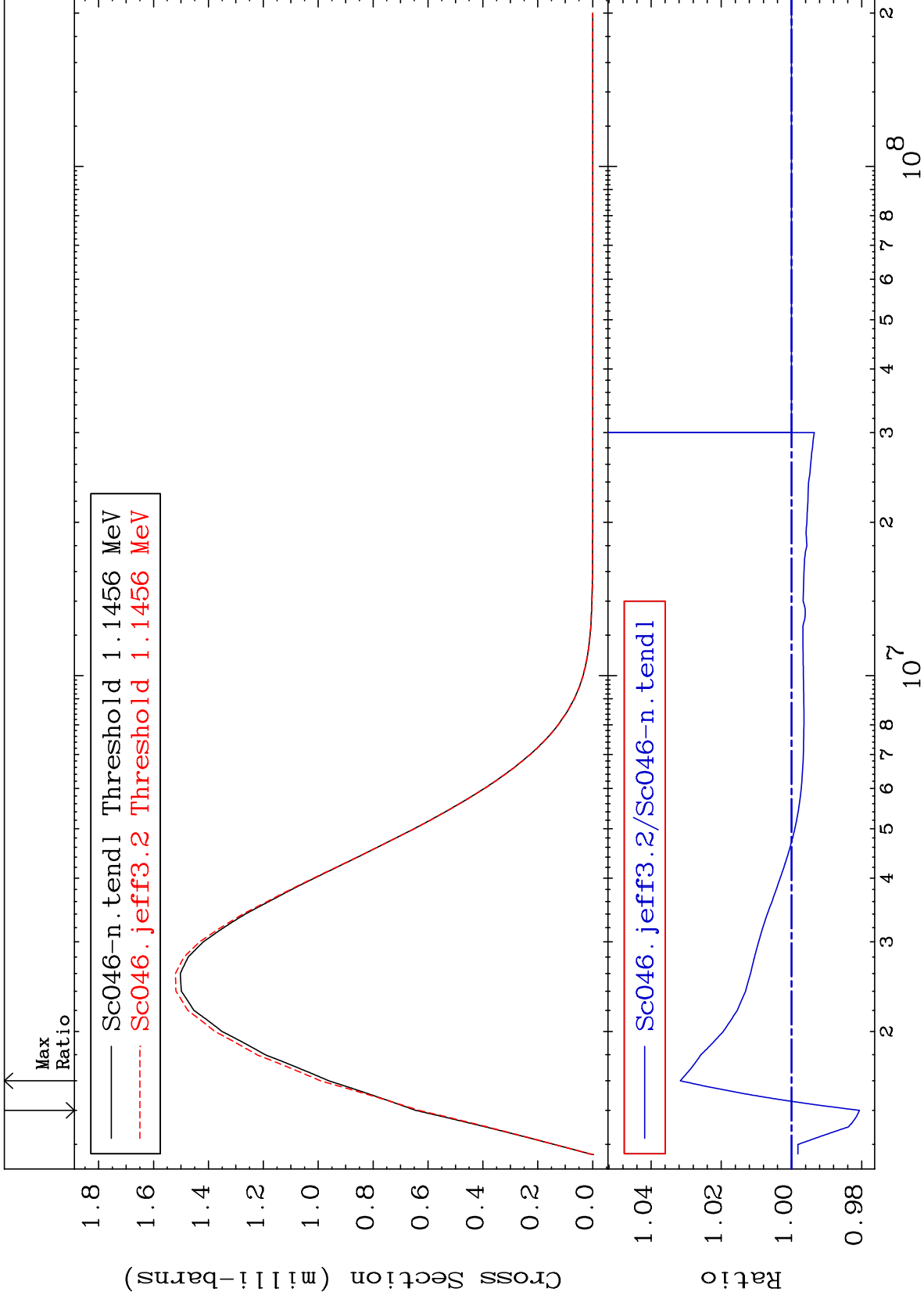


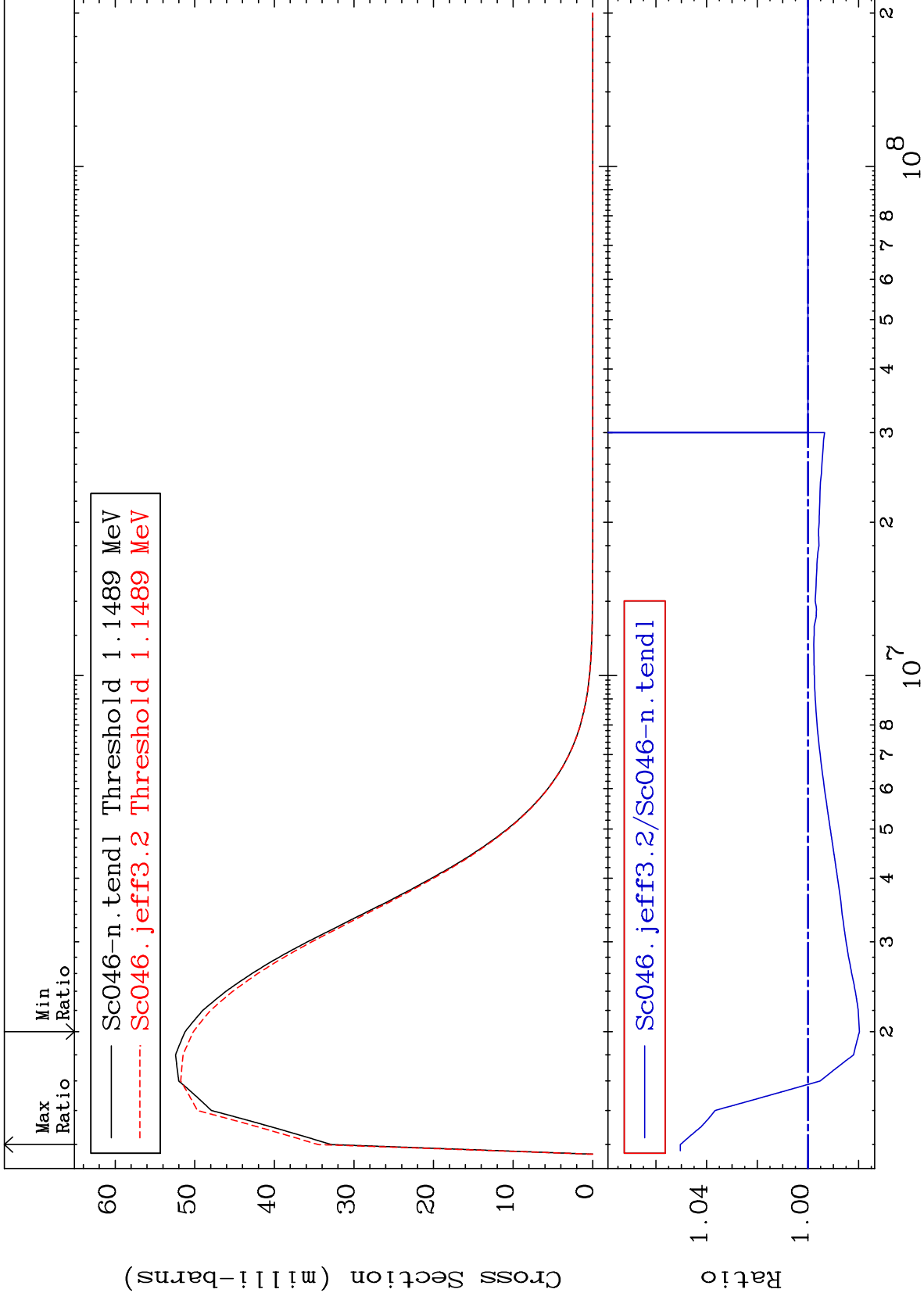
MAT 2128

1.089 MeV (n,n') Level
Cross Section

21-Sc-46
-5.566 To 0.266 %



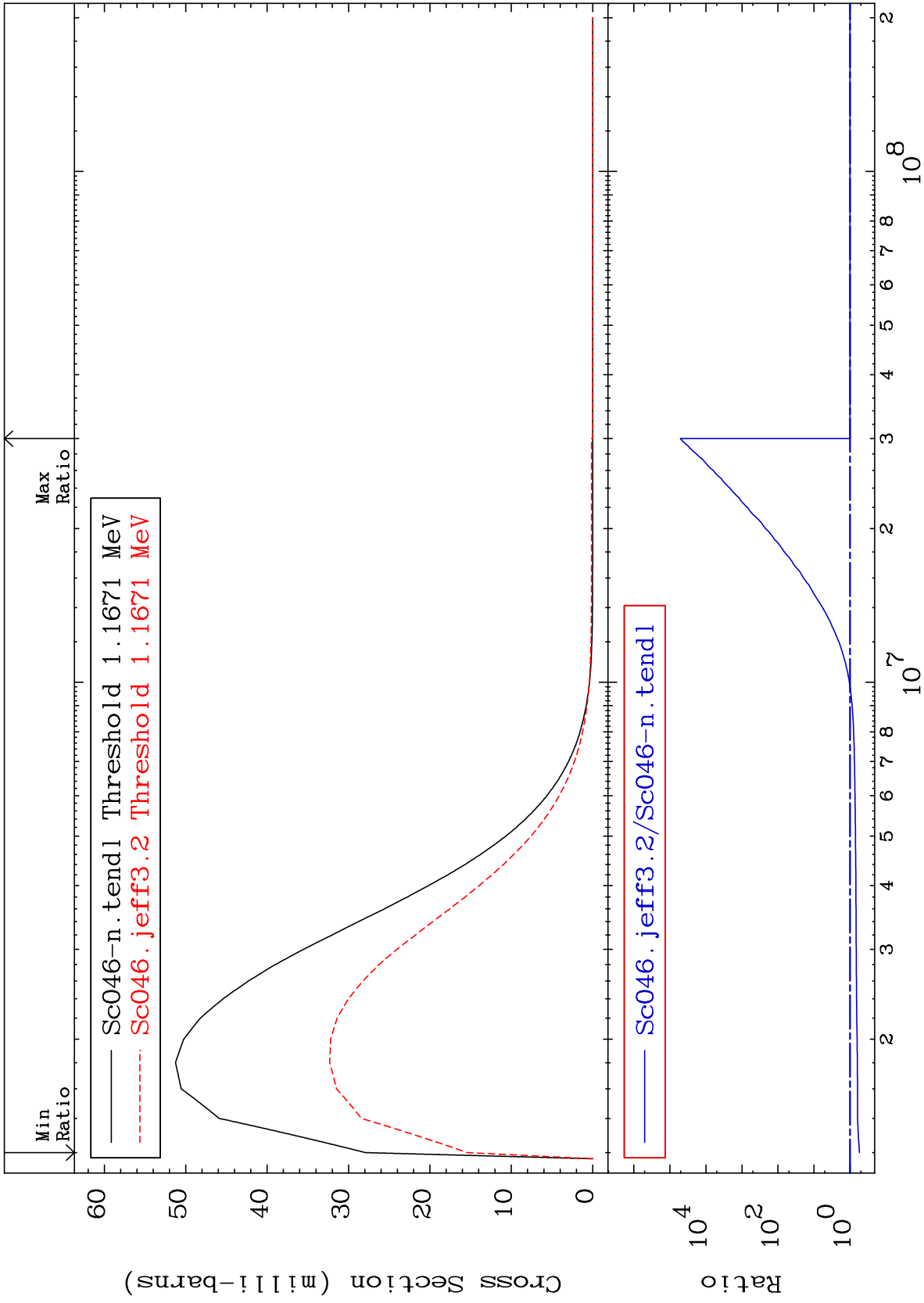


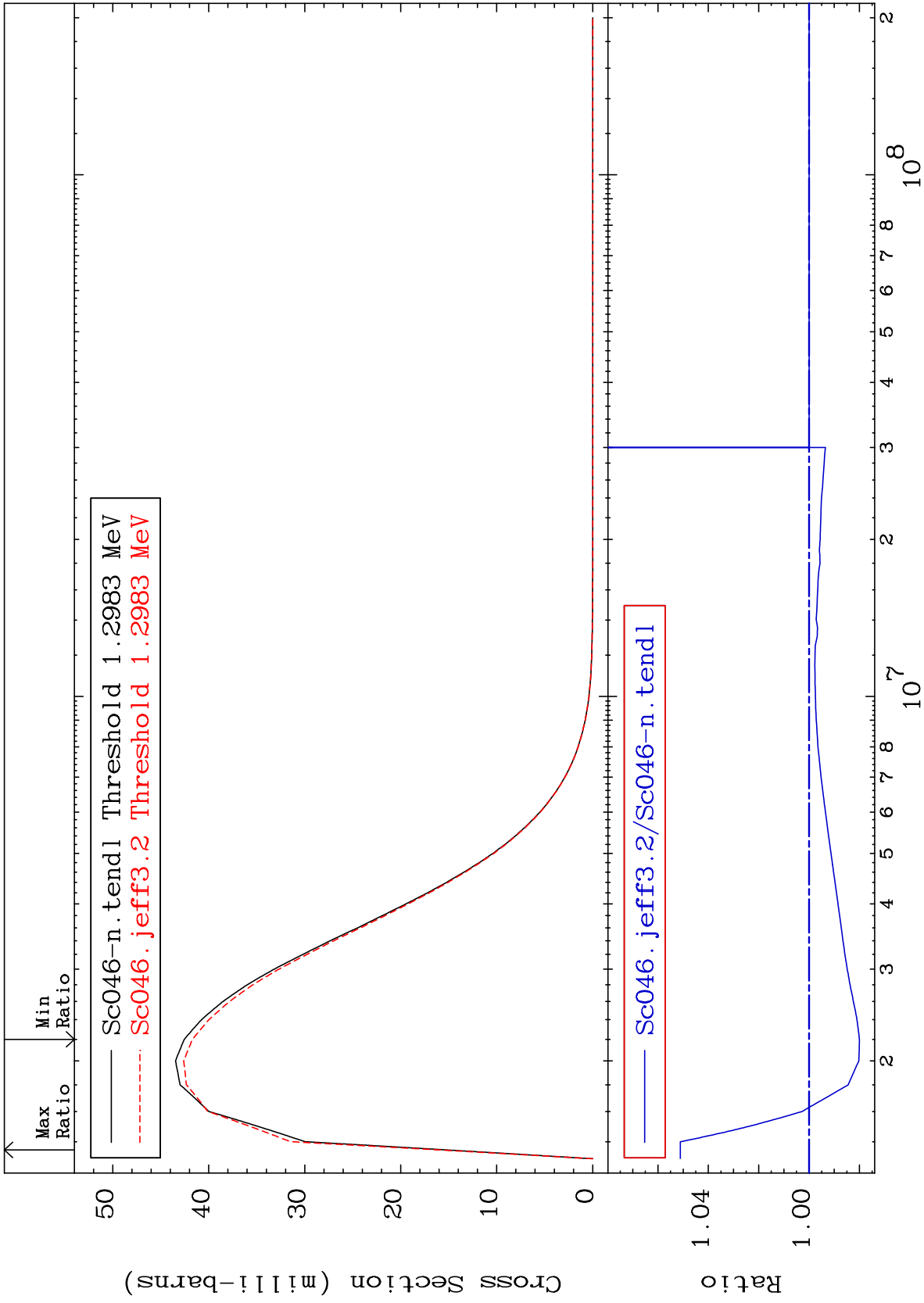


MAT 2128

1.142 MeV (n,n') Level
Cross Section

21-Sc-46
-44.86 To 9999. %

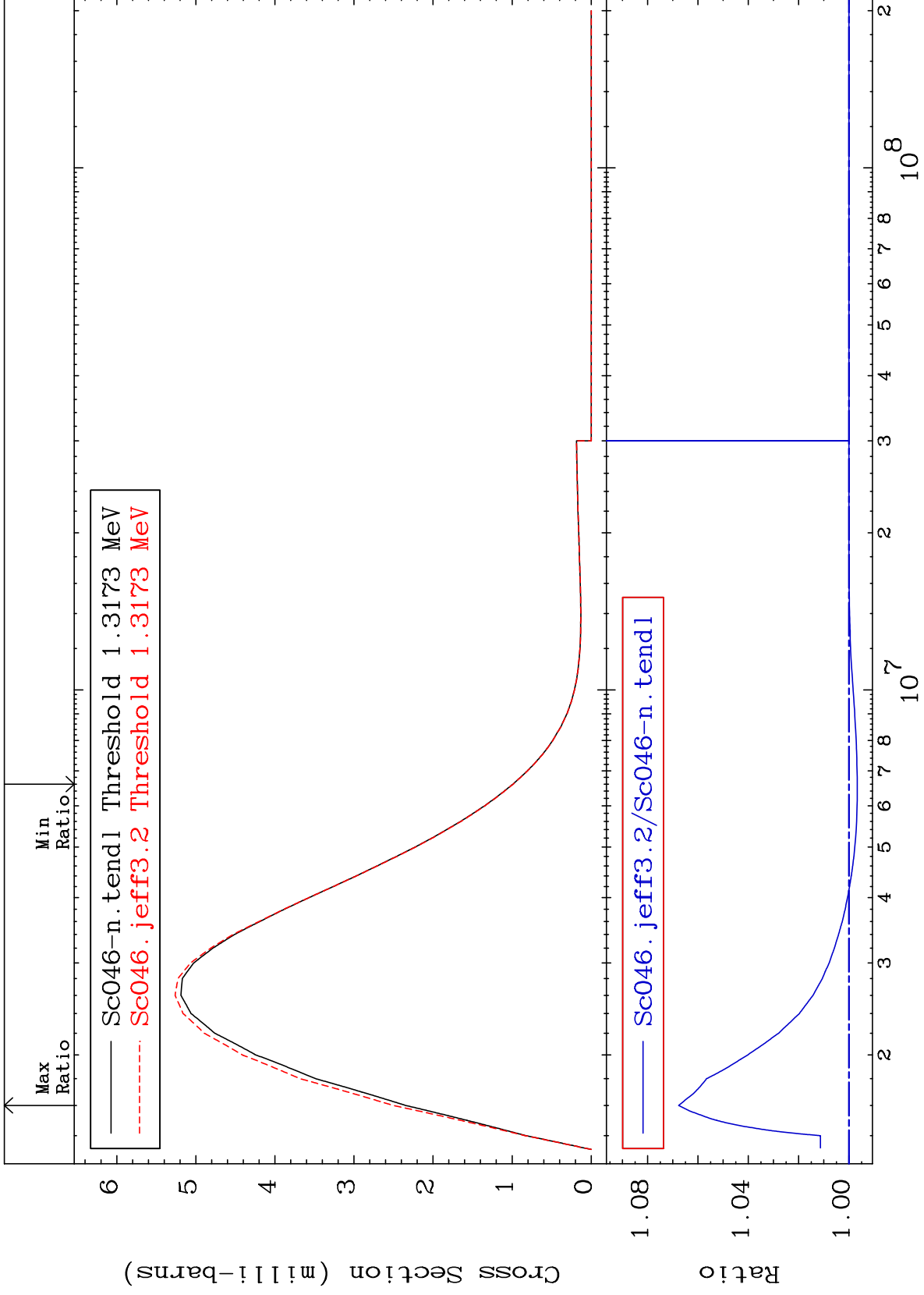


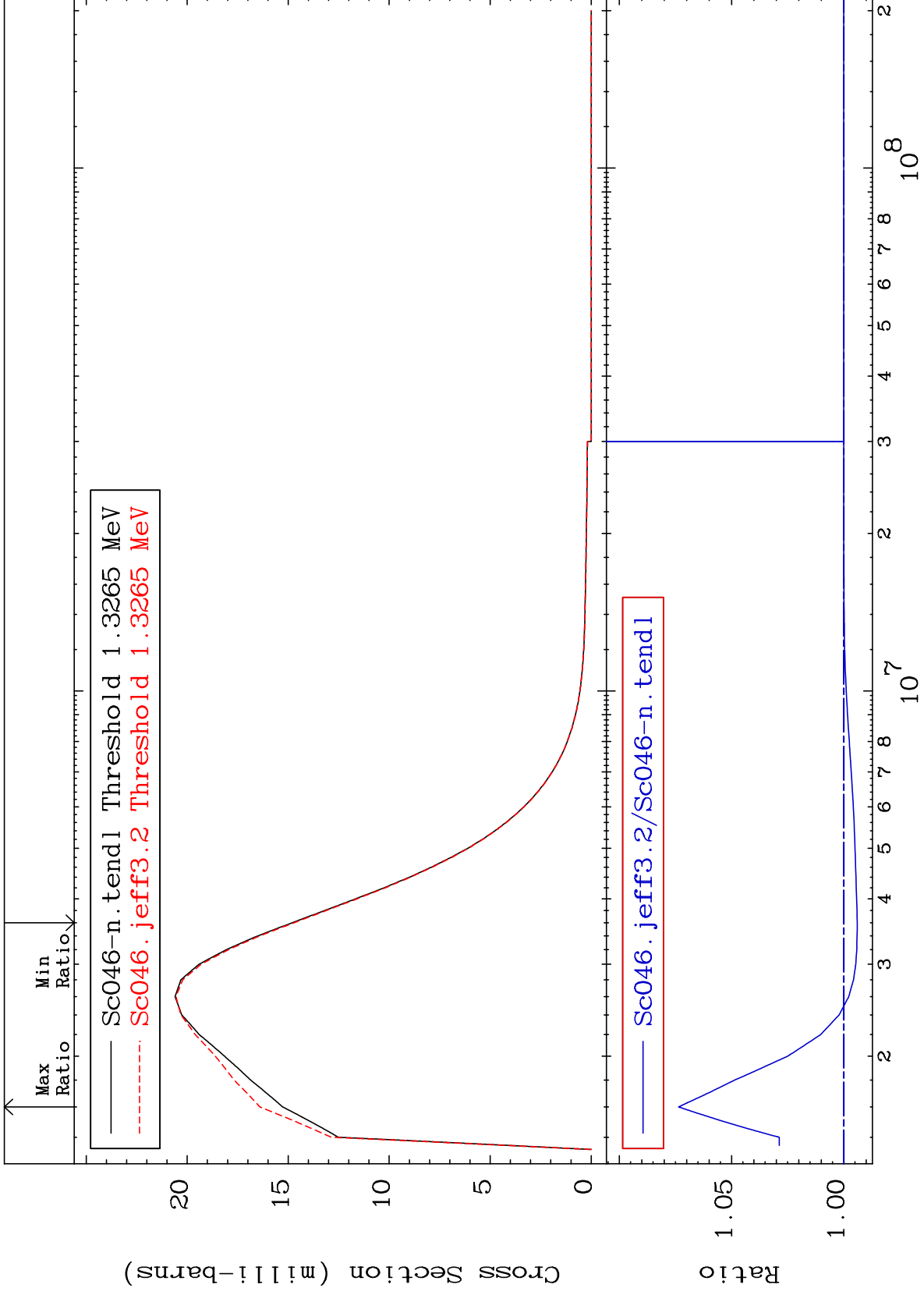


MAT 2128

1.289 MeV (n,n') Level
Cross Section

21-Sc-46
-0.329 To 6.768 %

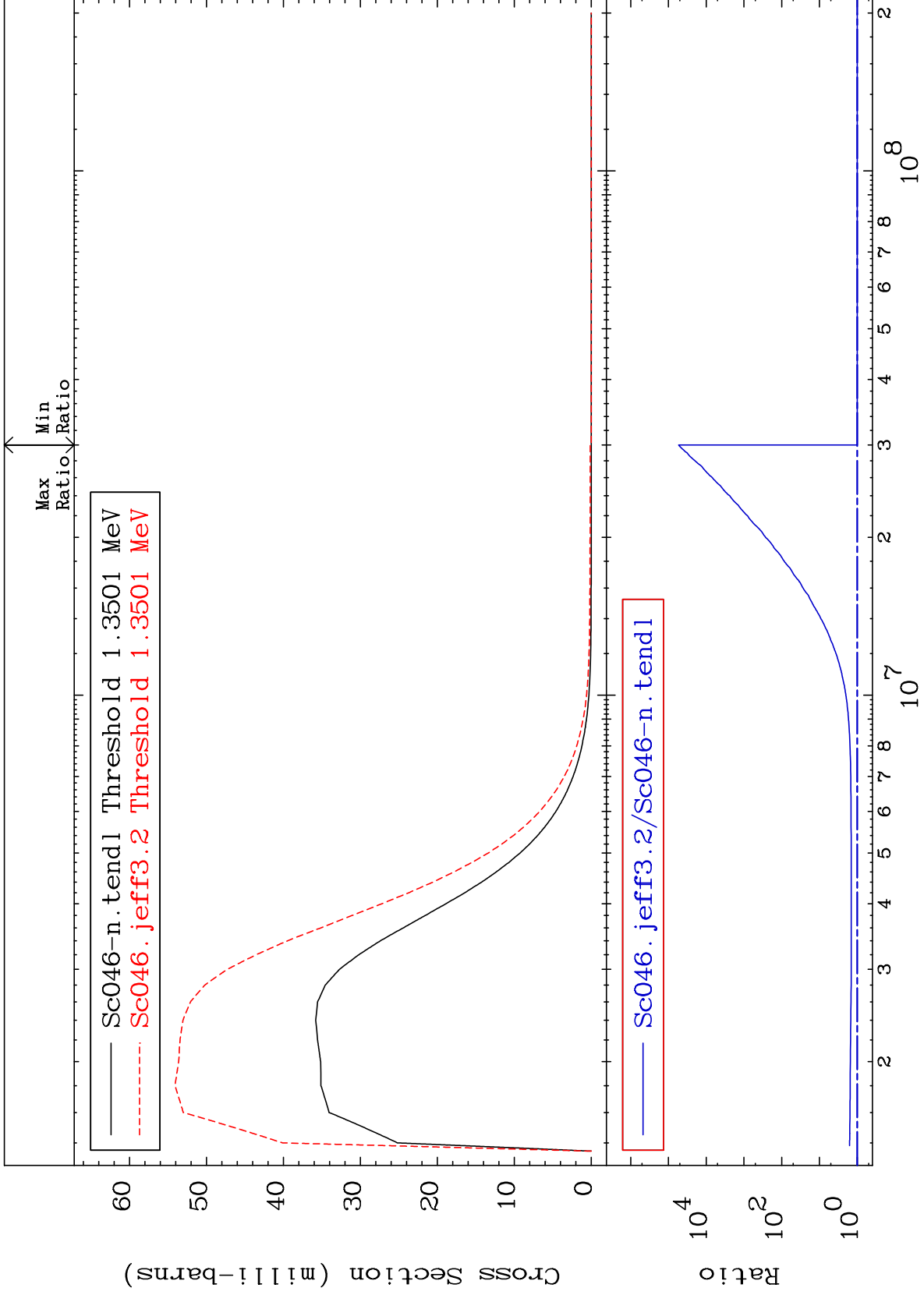




MAT 2128

1.321 MeV (n,n') Level
Cross Section

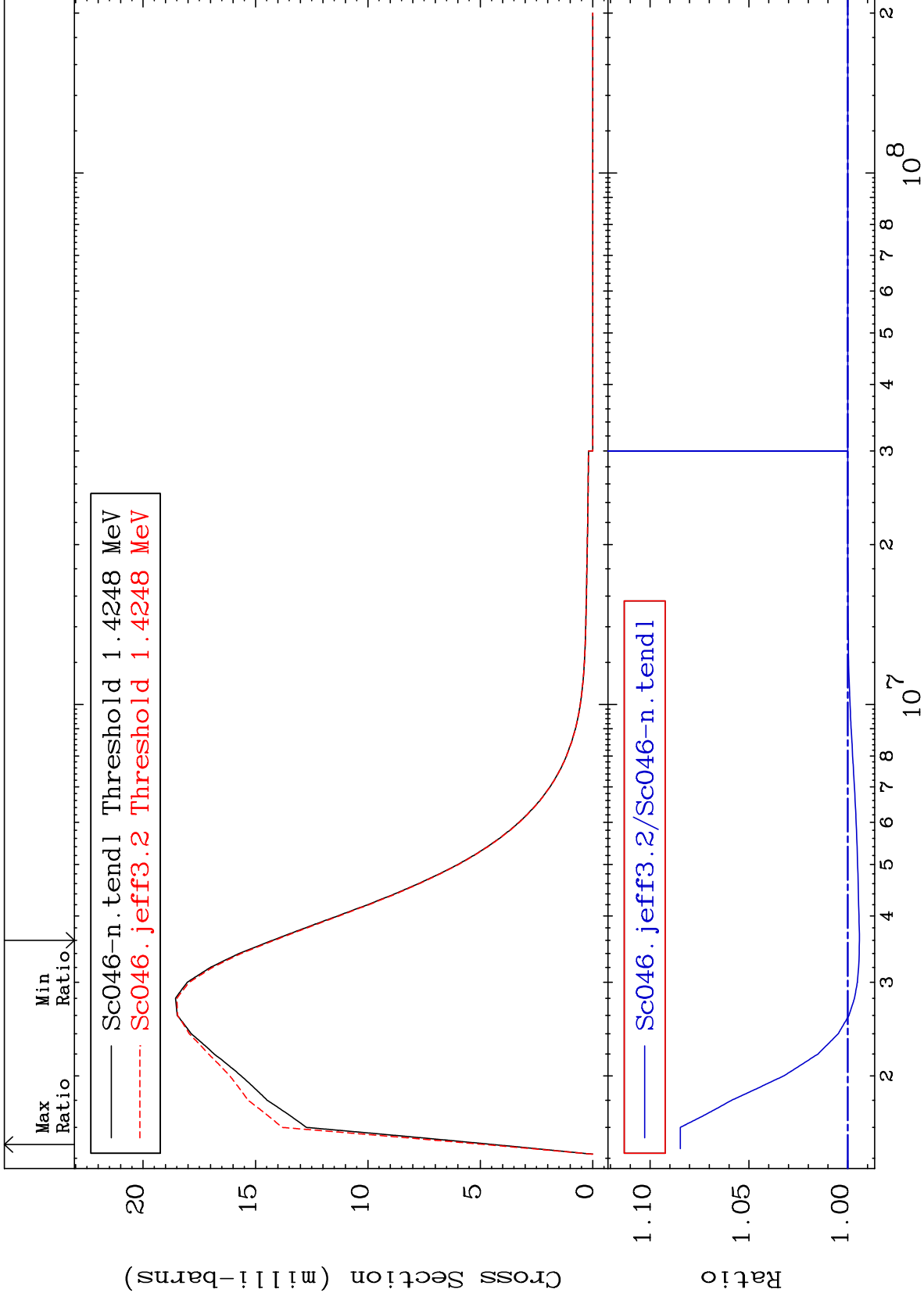
0.000 To 9999. %
21-Sc-46



MAT 2128

1.394 MeV (n,n') Level
Cross Section

21-Sc-46
-0.587 To 8.466 %



40

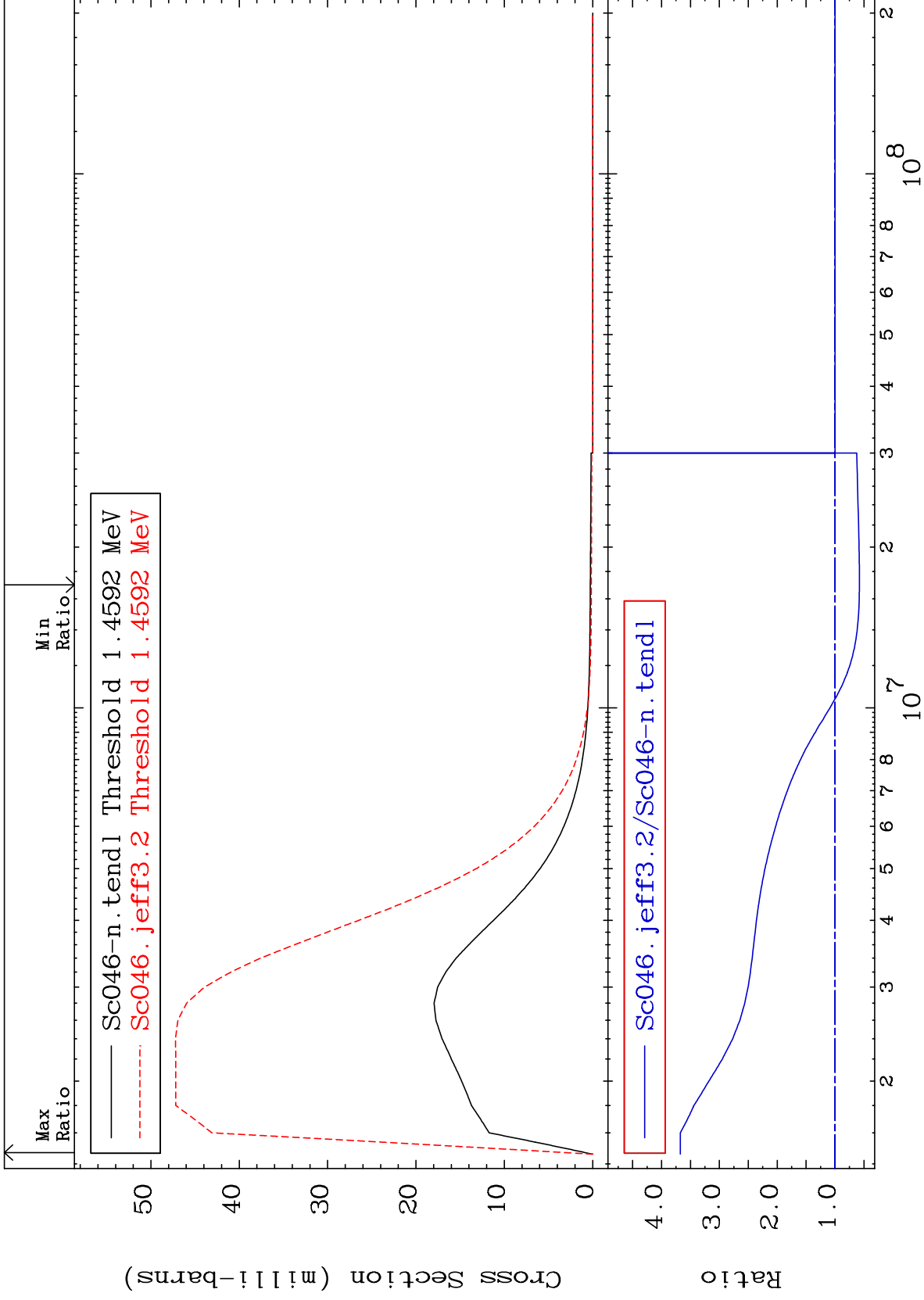
Incident Energy (eV)

21-Sc-46

MAT 2128

1.428 MeV (n,n') Level
Cross Section

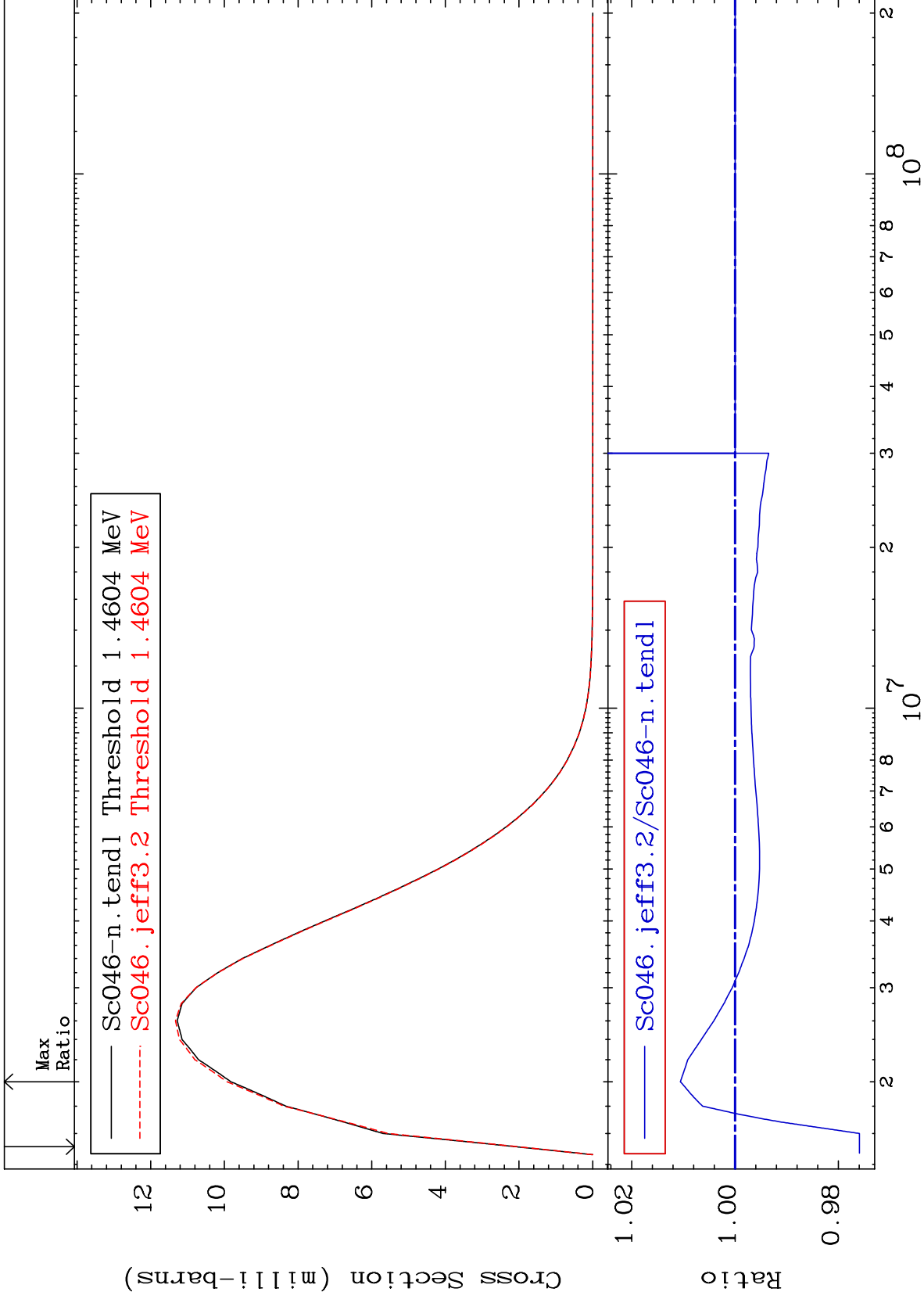
21-Sc-46
-42.19 To 267.5 %

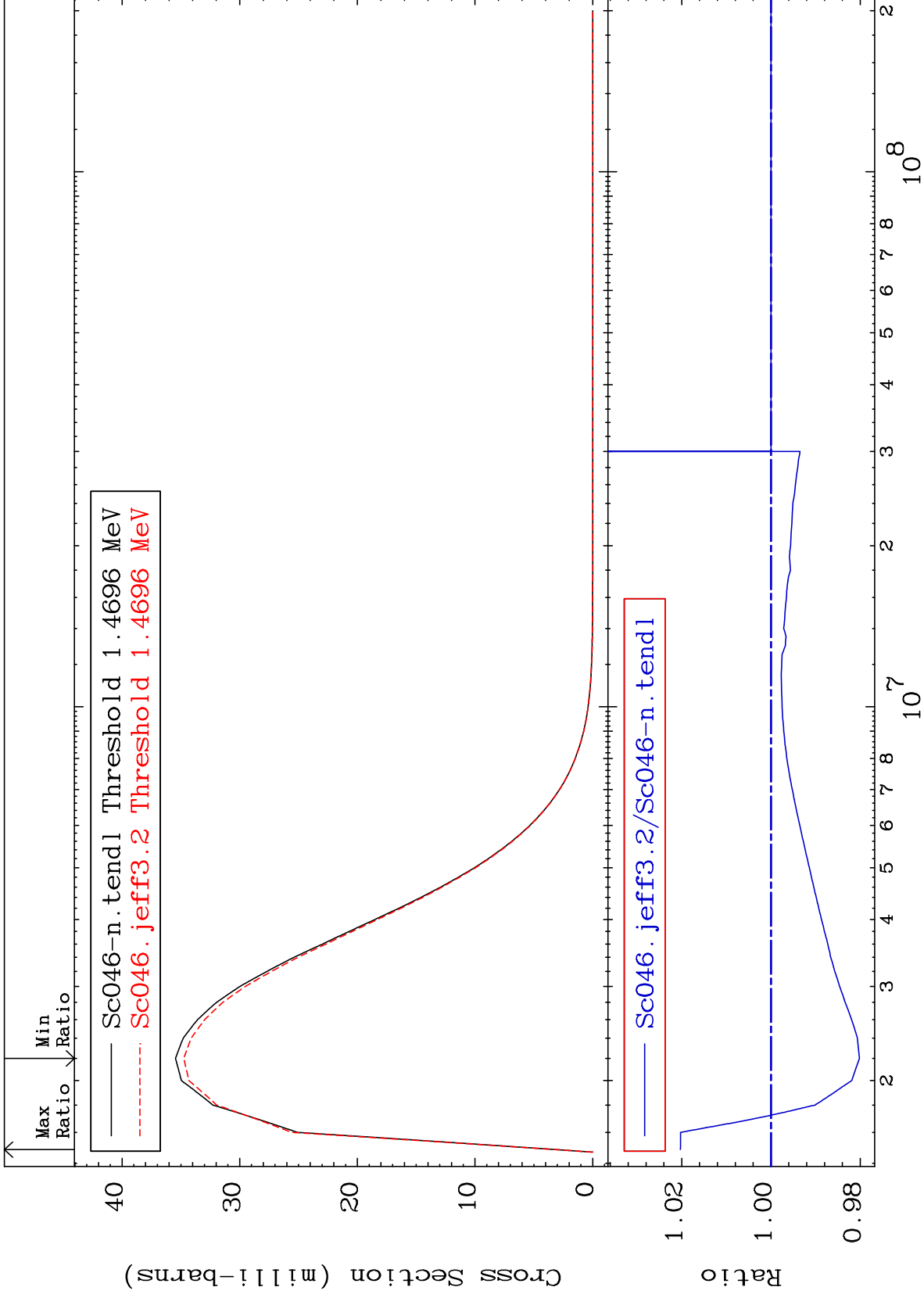


MAT 2128

1.429 MeV (n,n') Level
Cross Section

21-Sc-46
-2.406 To 1.058 %

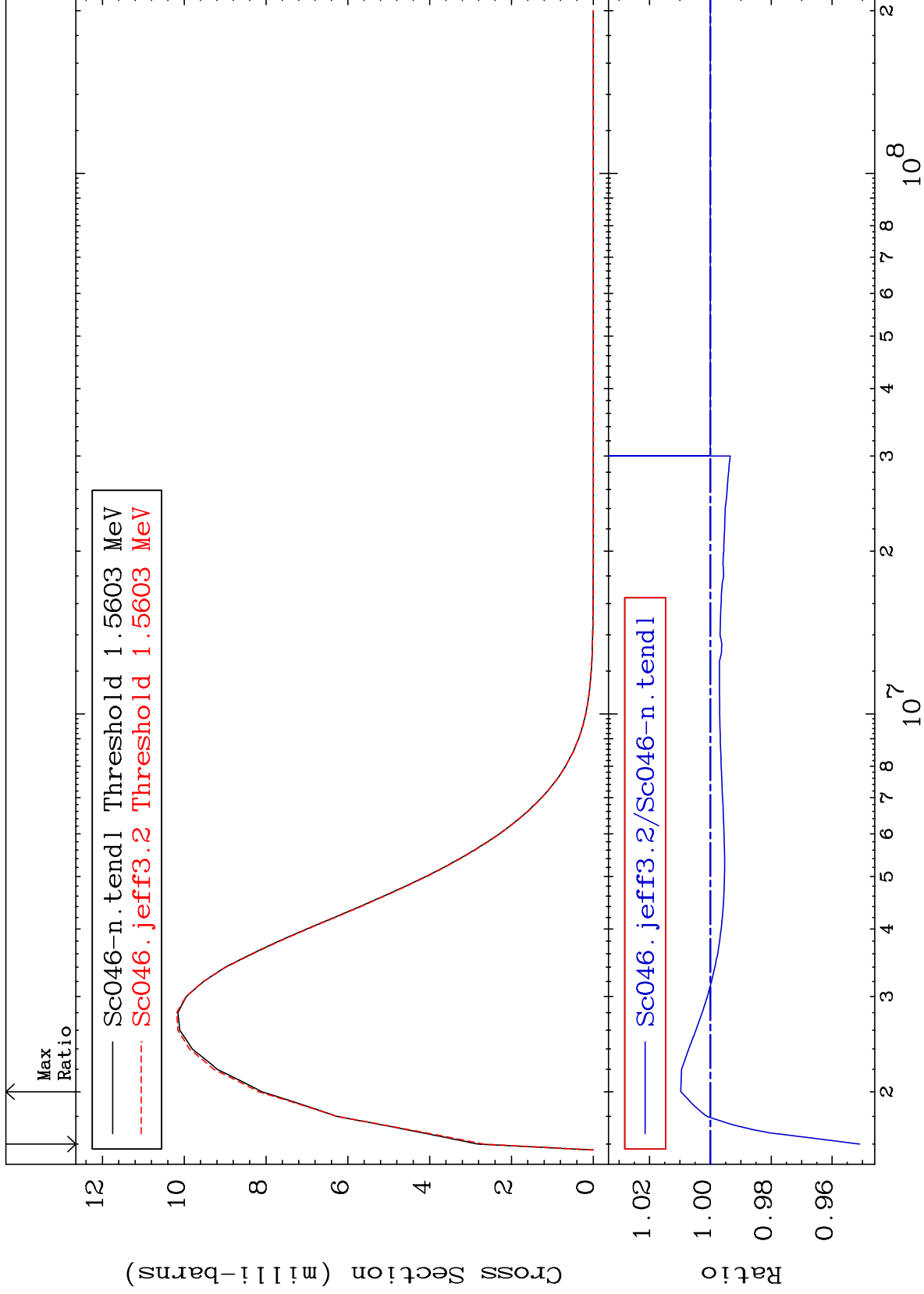




MAT 2128

1.527 MeV (n,n') Level
Cross Section

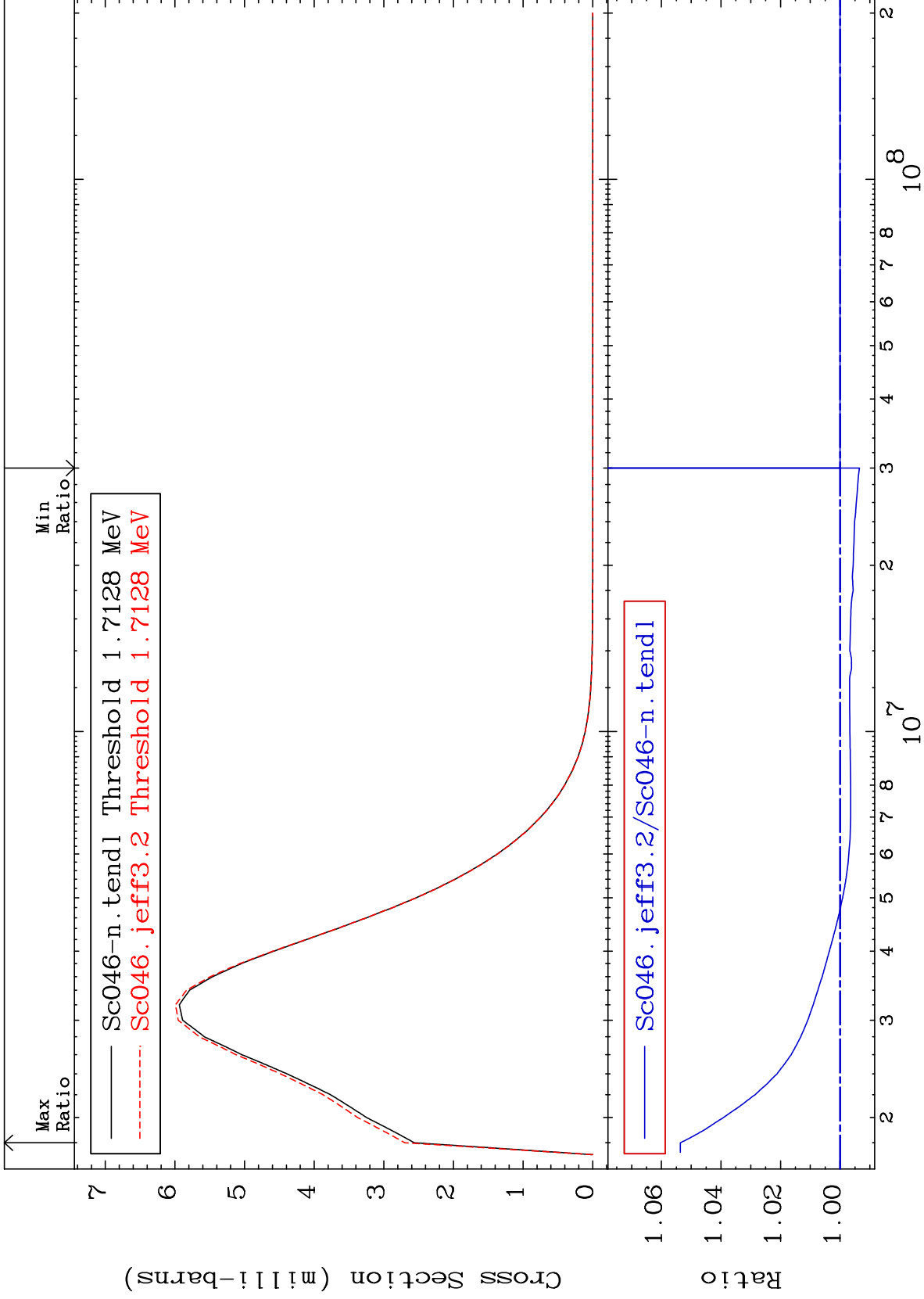
21-Sc-46
-4.902 To 0.973 %



MAT 2128

1.676 MeV (n,n') Level
Cross Section

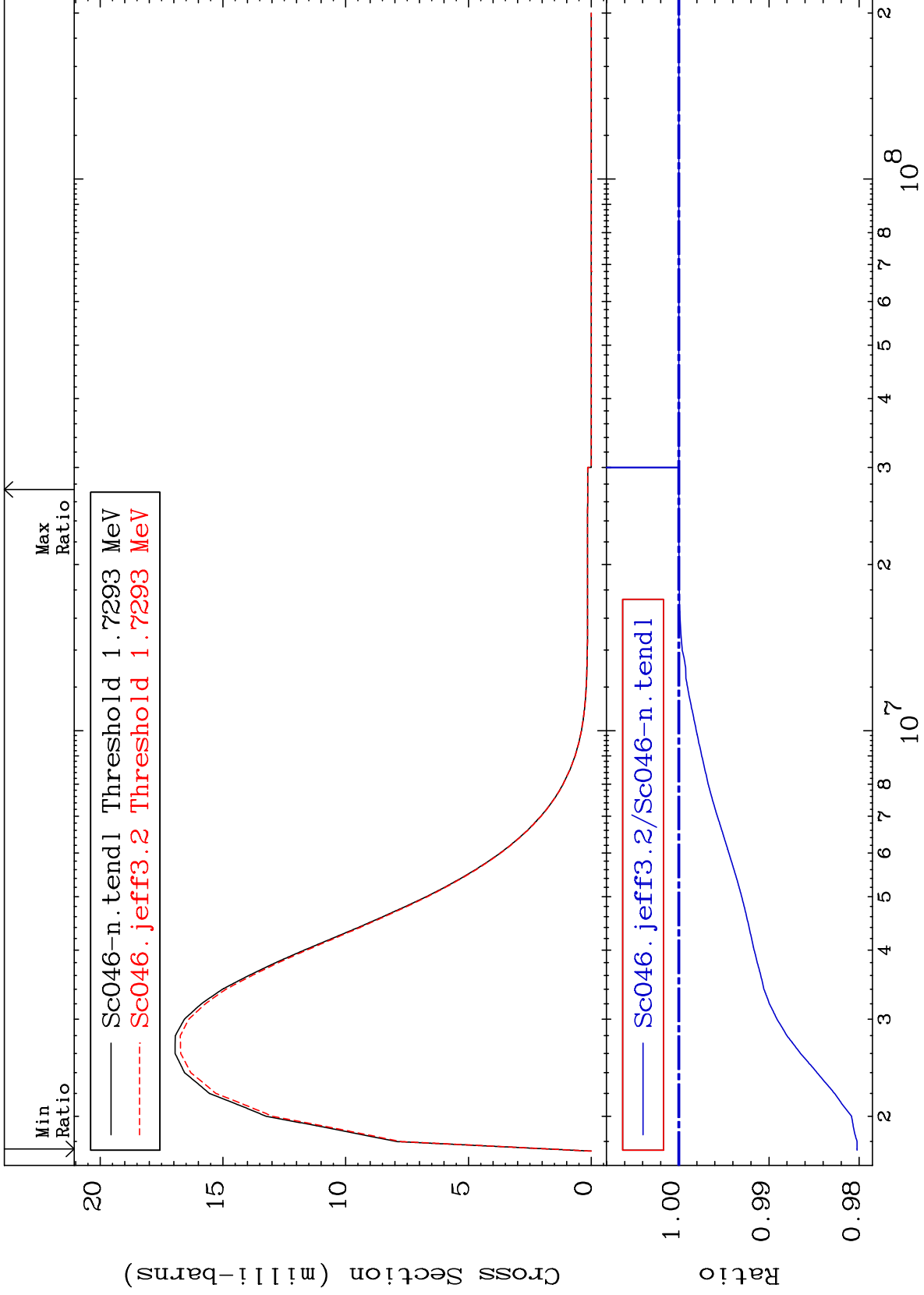
21-Sc-46
-0.650 To 5.364 %



MAT 2128

1.692 MeV (n,n') Level
Cross Section

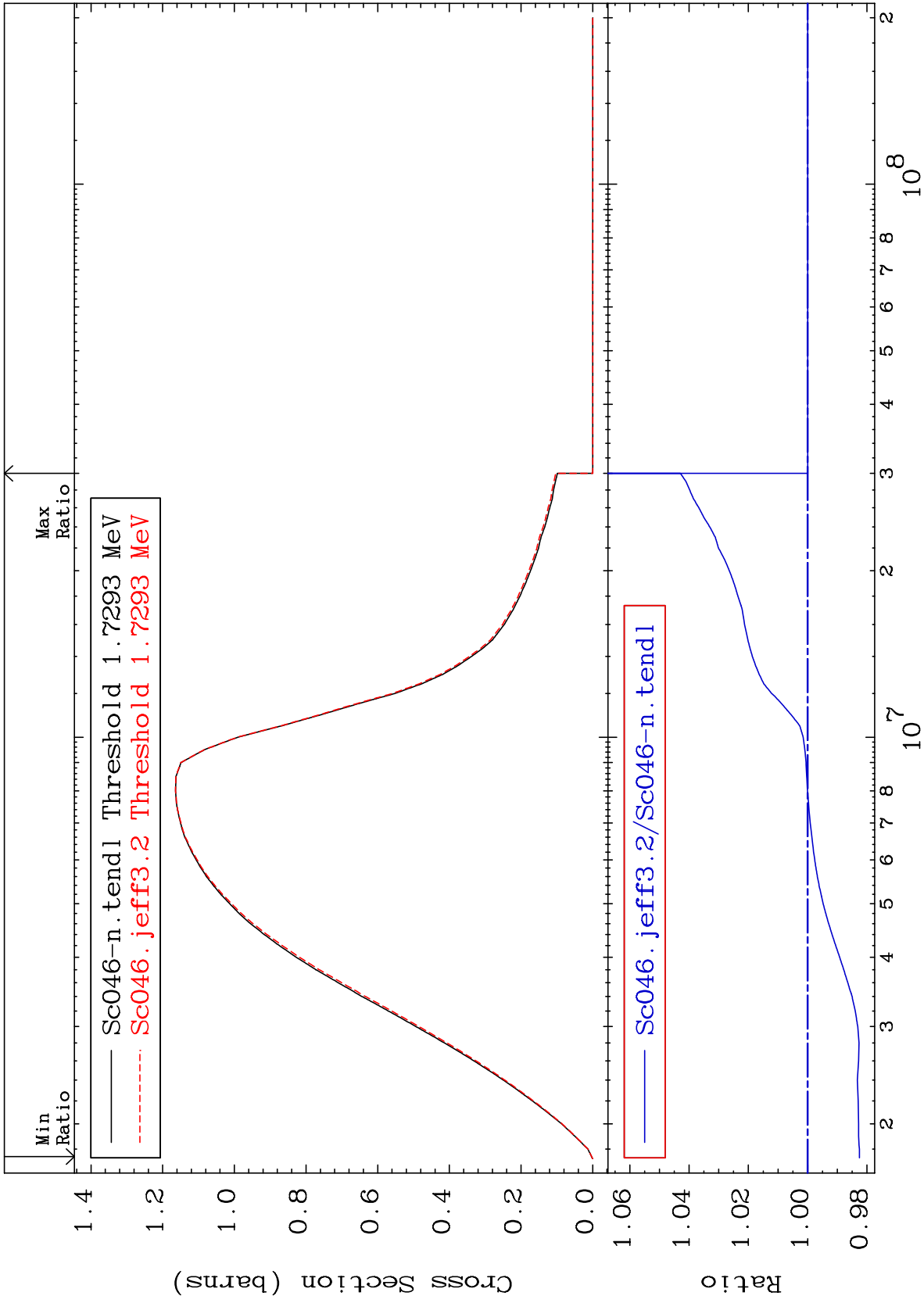
21-Sc-46
-1.977 To 0.000 %

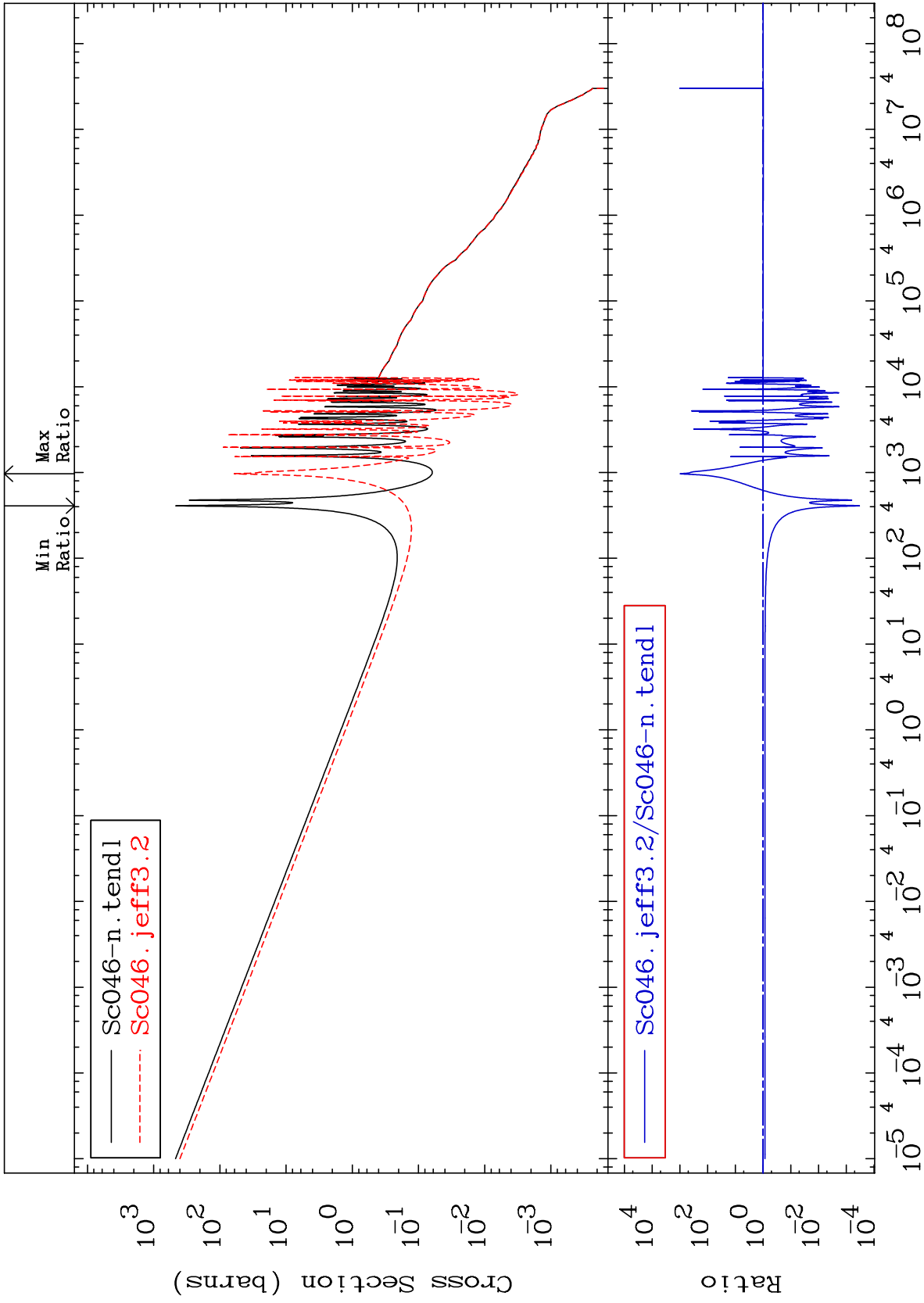


47

Incident Energy (eV)

21-Sc-46

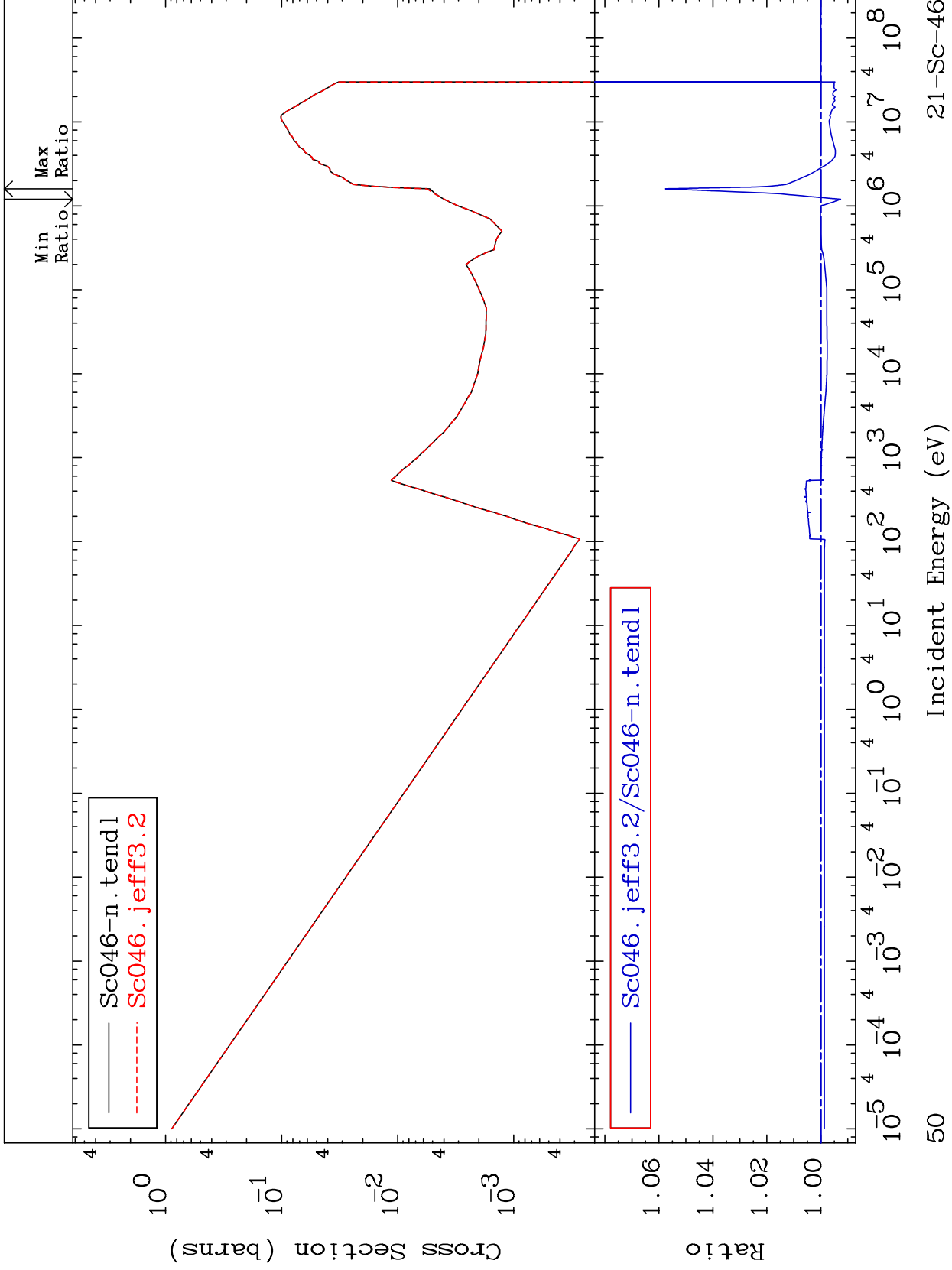




MAT 2128

(n,p)
Cross Section

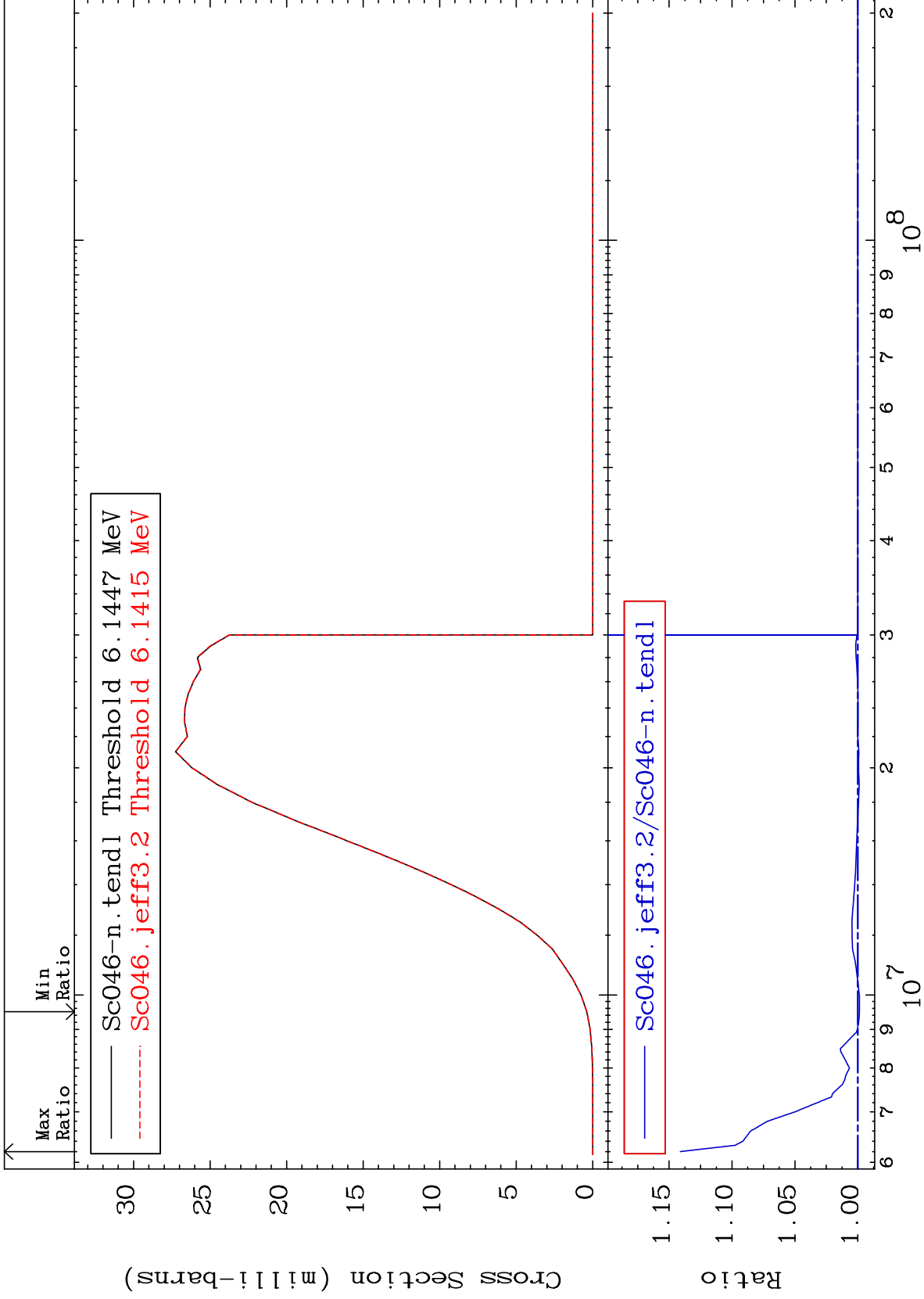
21-Sc-46
-0.735 To 5.756 %



MAT 2128

(n, d)
Cross Section

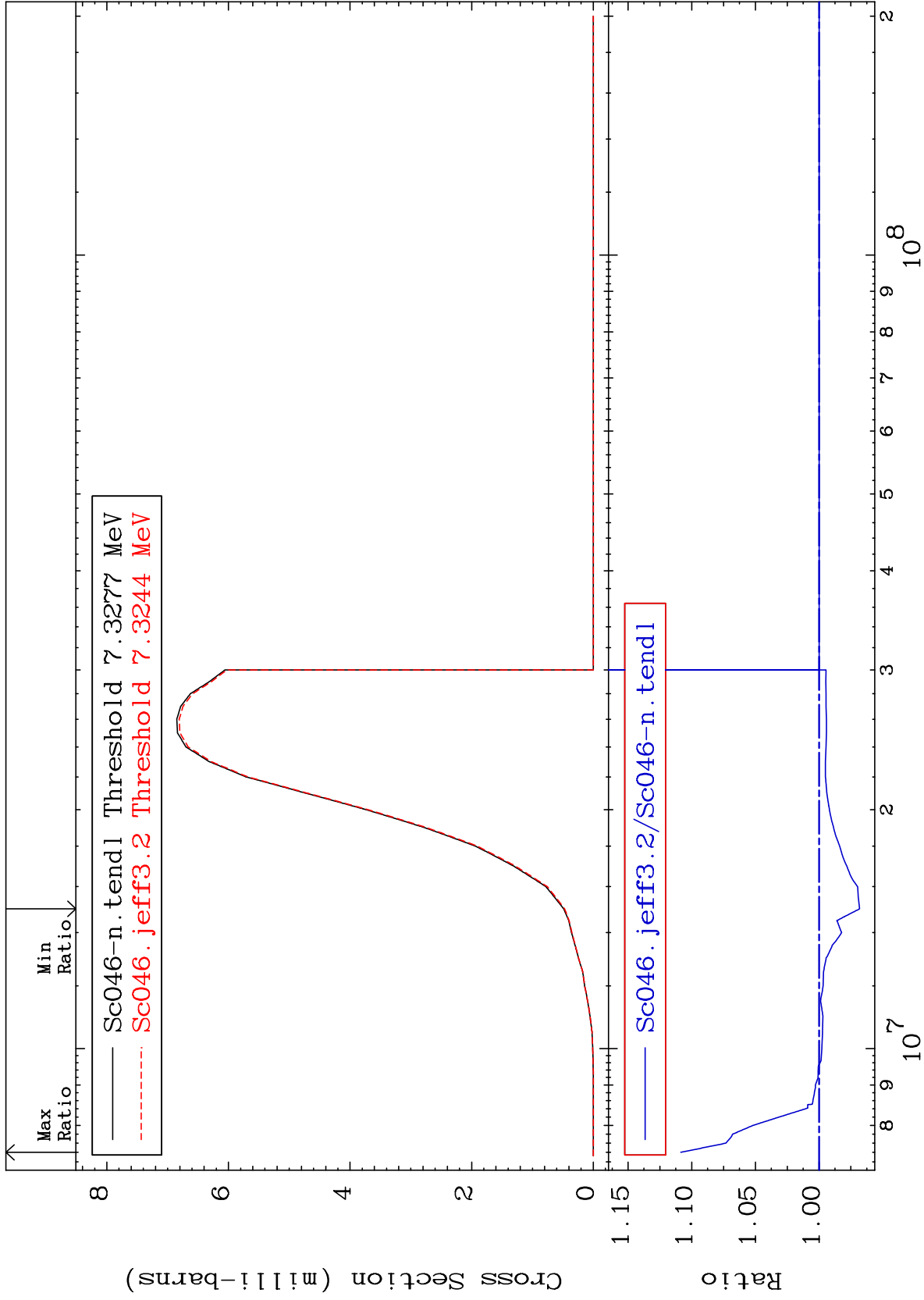
21-Sc-46
-0.128 To 14.11 %

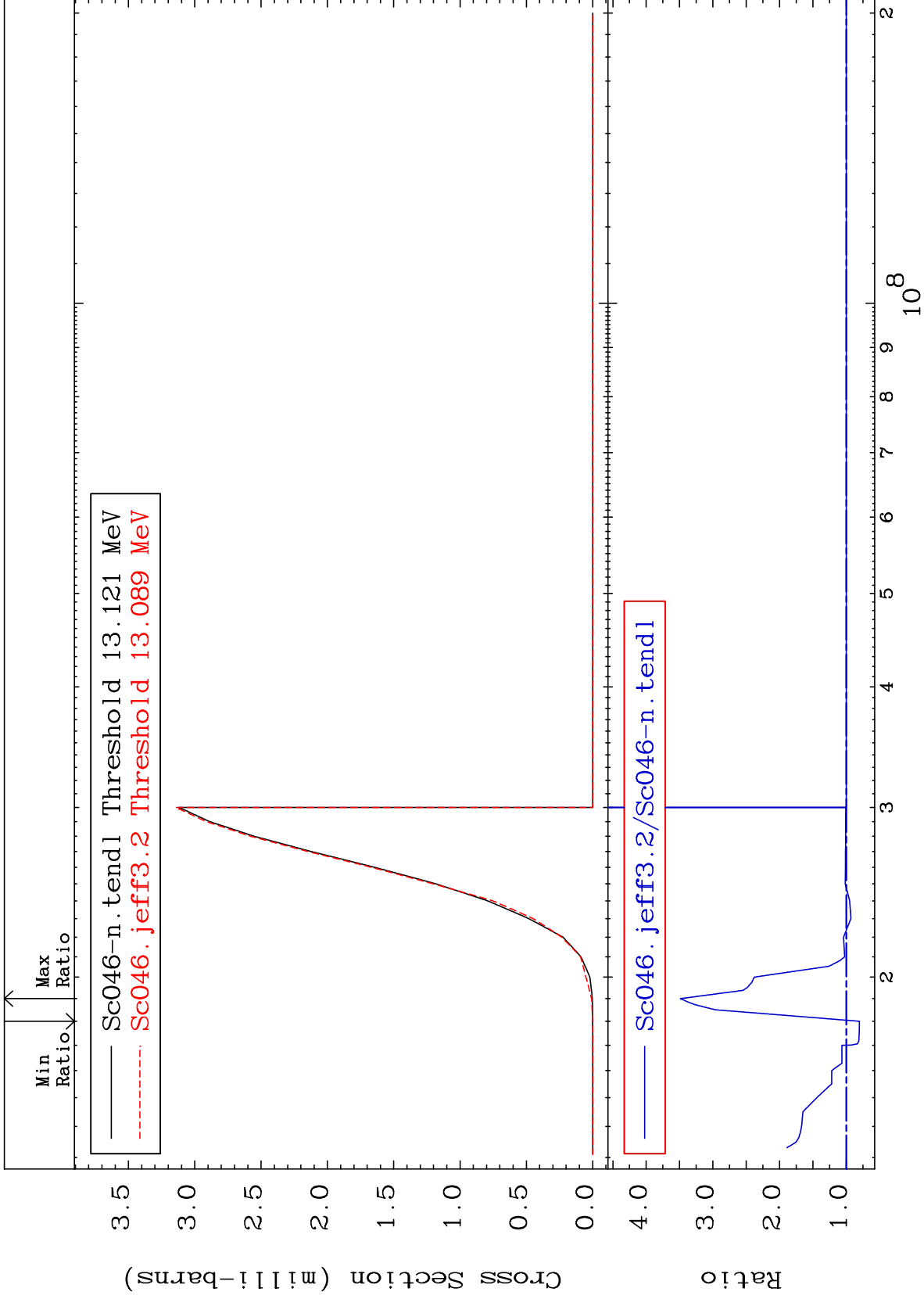


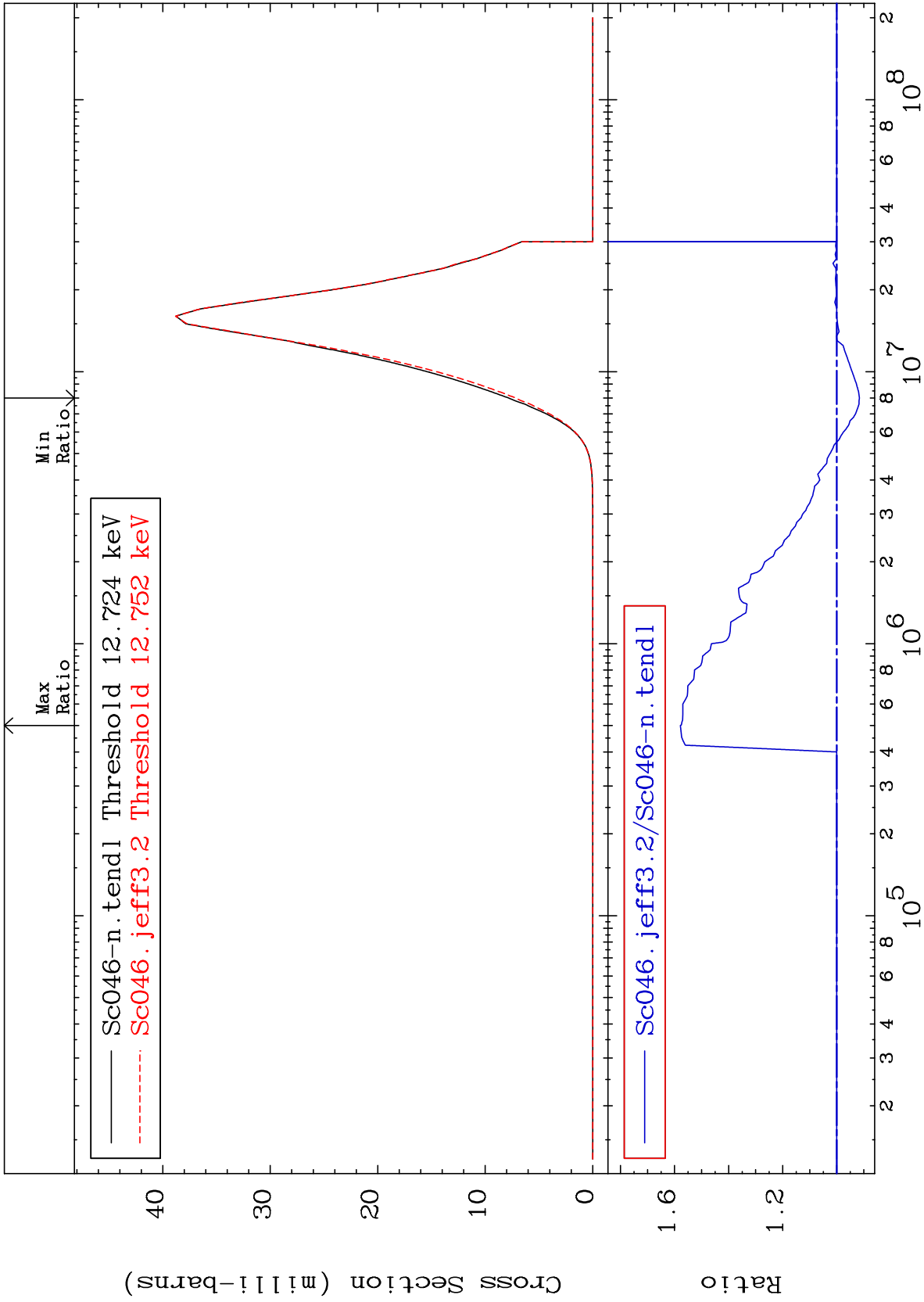
MAT 2128

(n, t)
Cross Section

21-Sc-46
-3.180 To 10.86 %







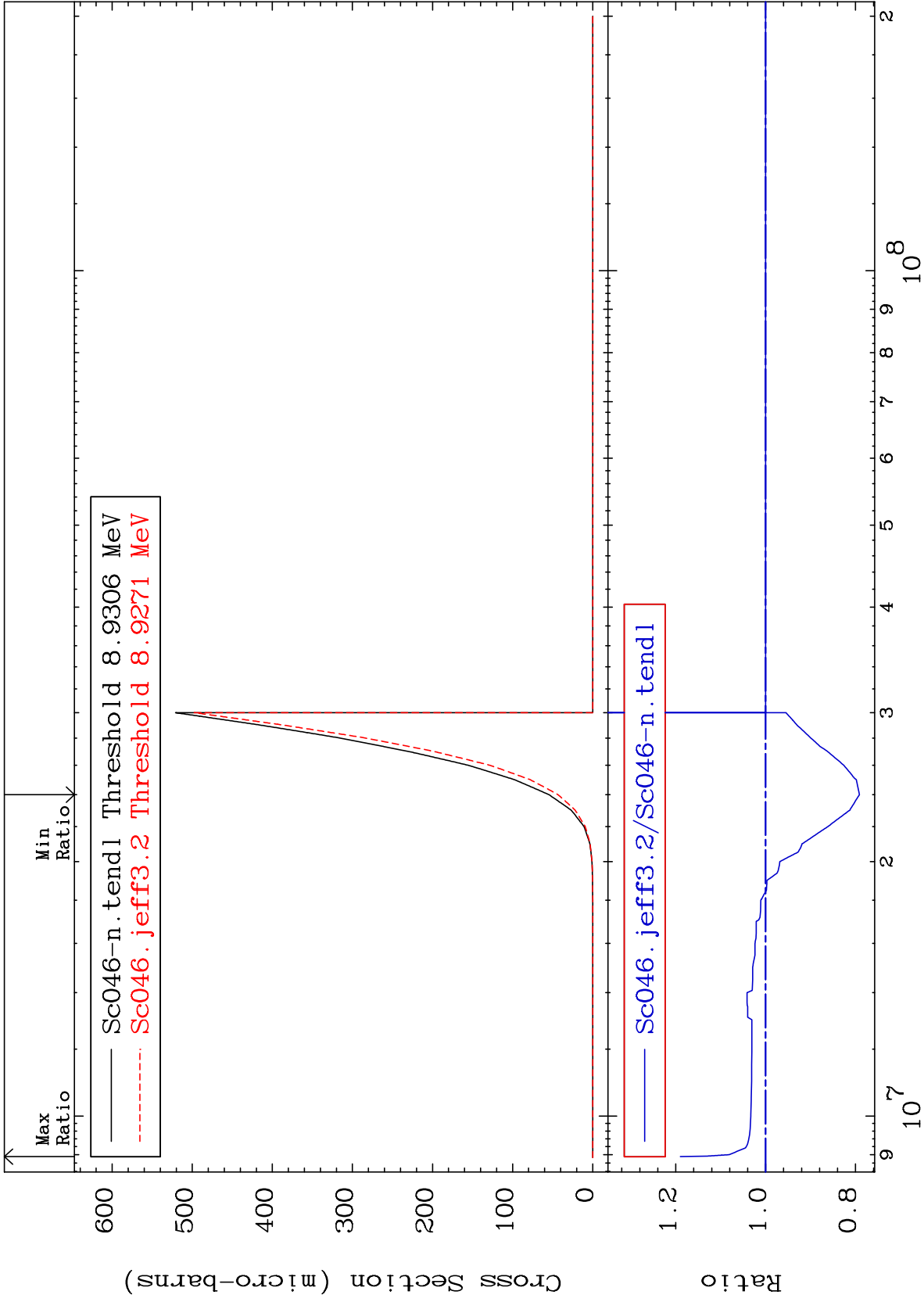
MAT 2128

(n,2α)

21-Sc-46

Cross Section

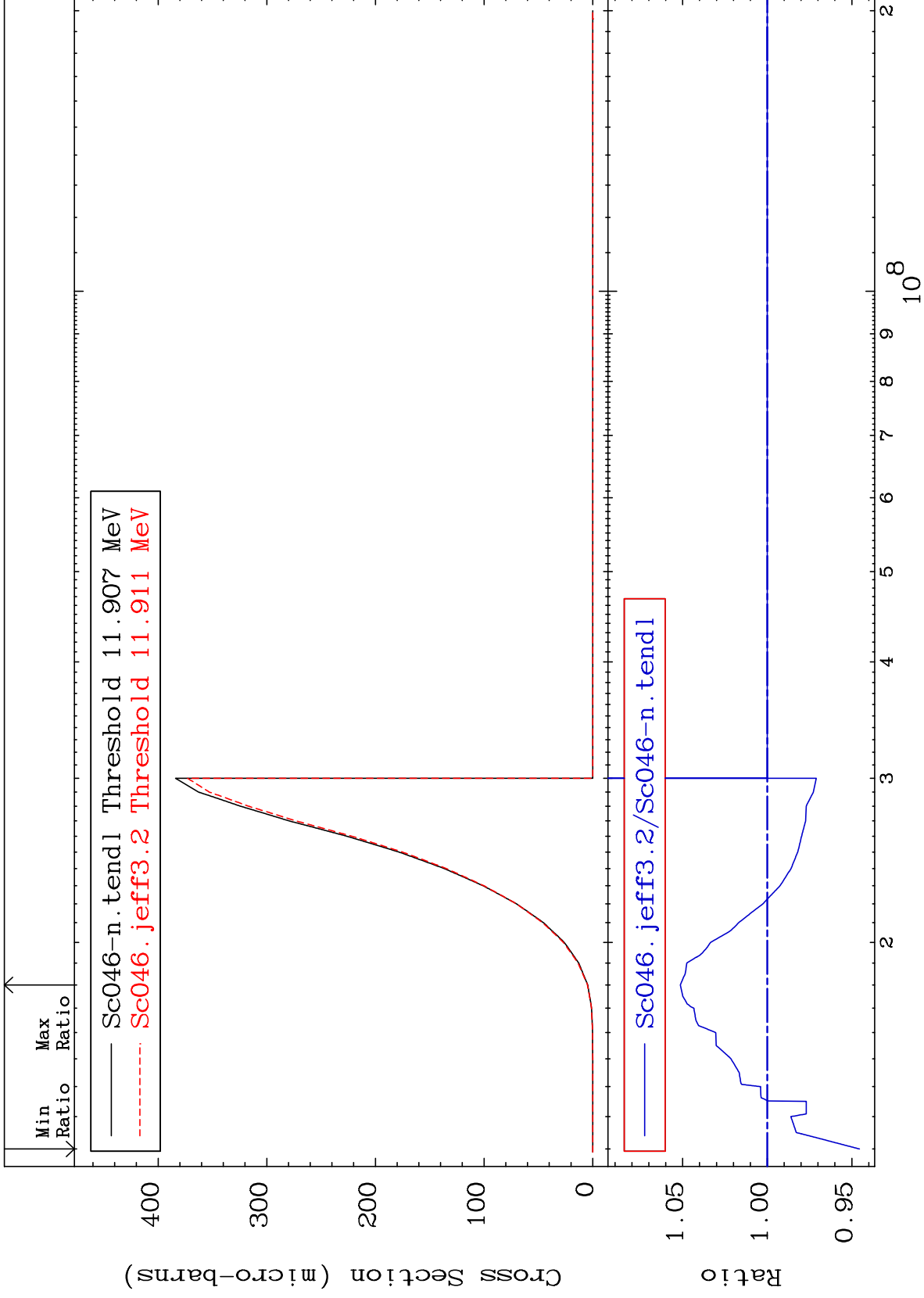
-20.86 To 18.97 %



55

Incident Energy (eV)

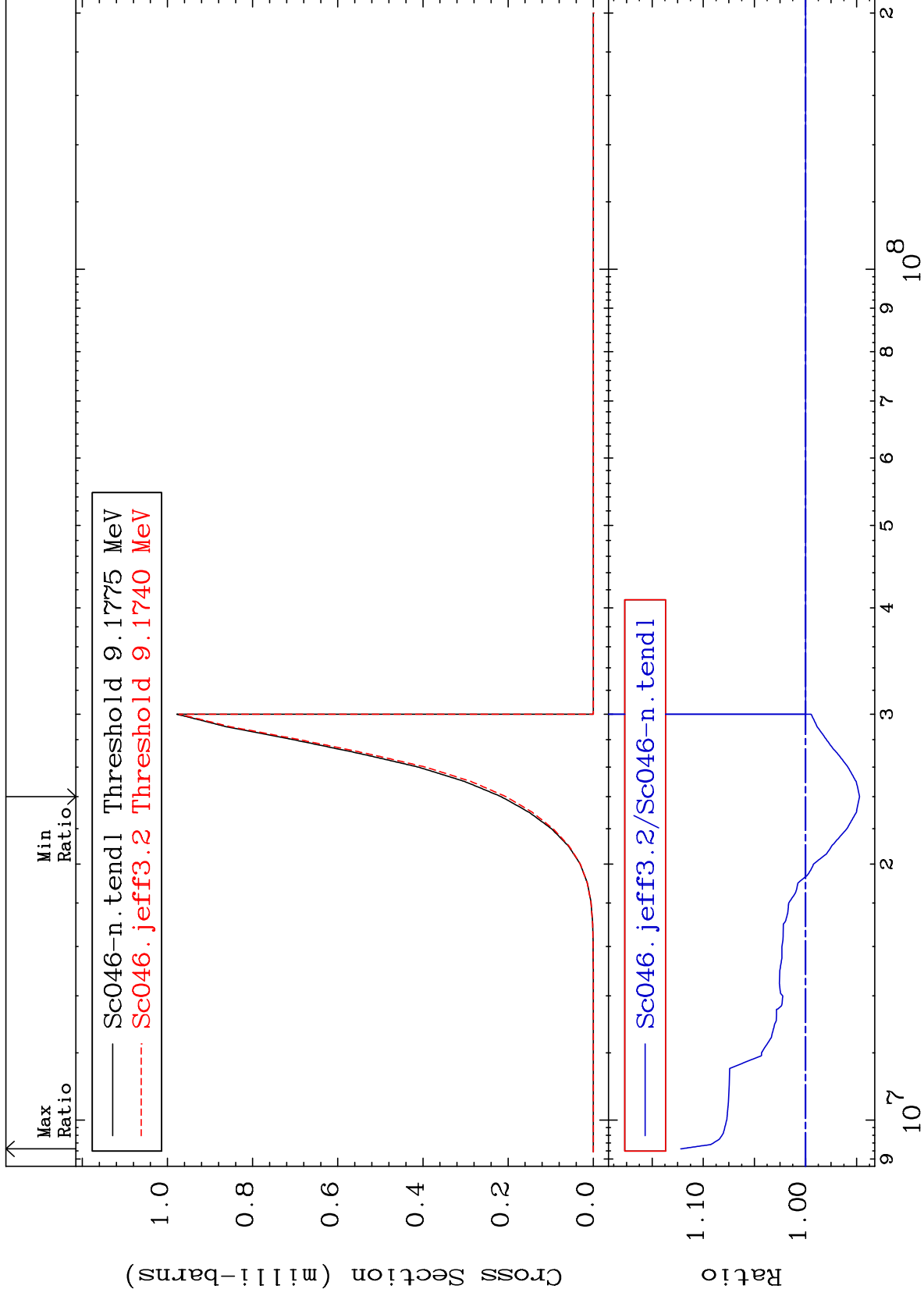
21-Sc-46



MAT 2128

(n,p) α
Cross Section

21-Sc-46
-5.278 To 12.20 %



57

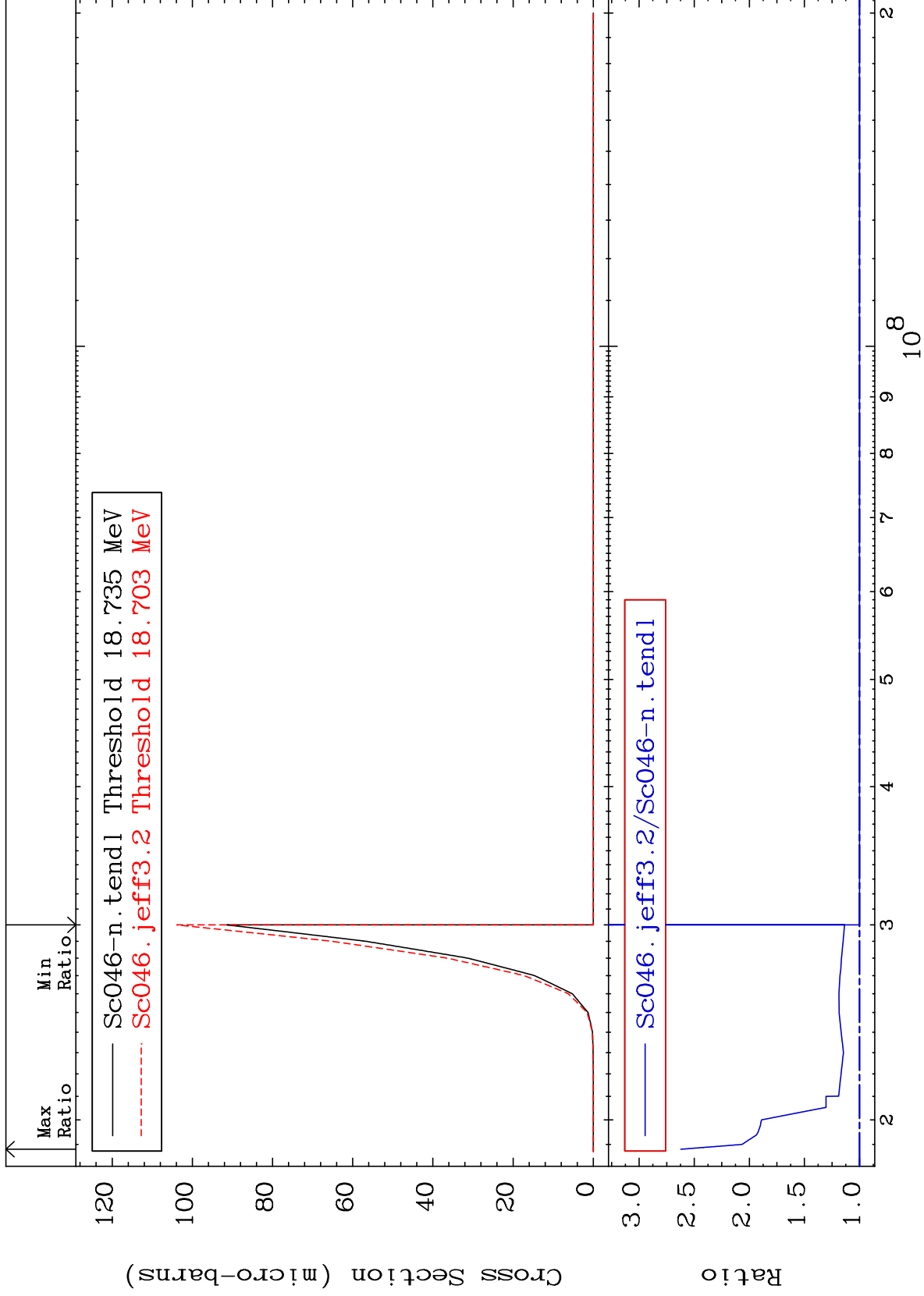
Incident Energy (eV)

21-Sc-46

MAT 2128

(n,p) d
Cross Section

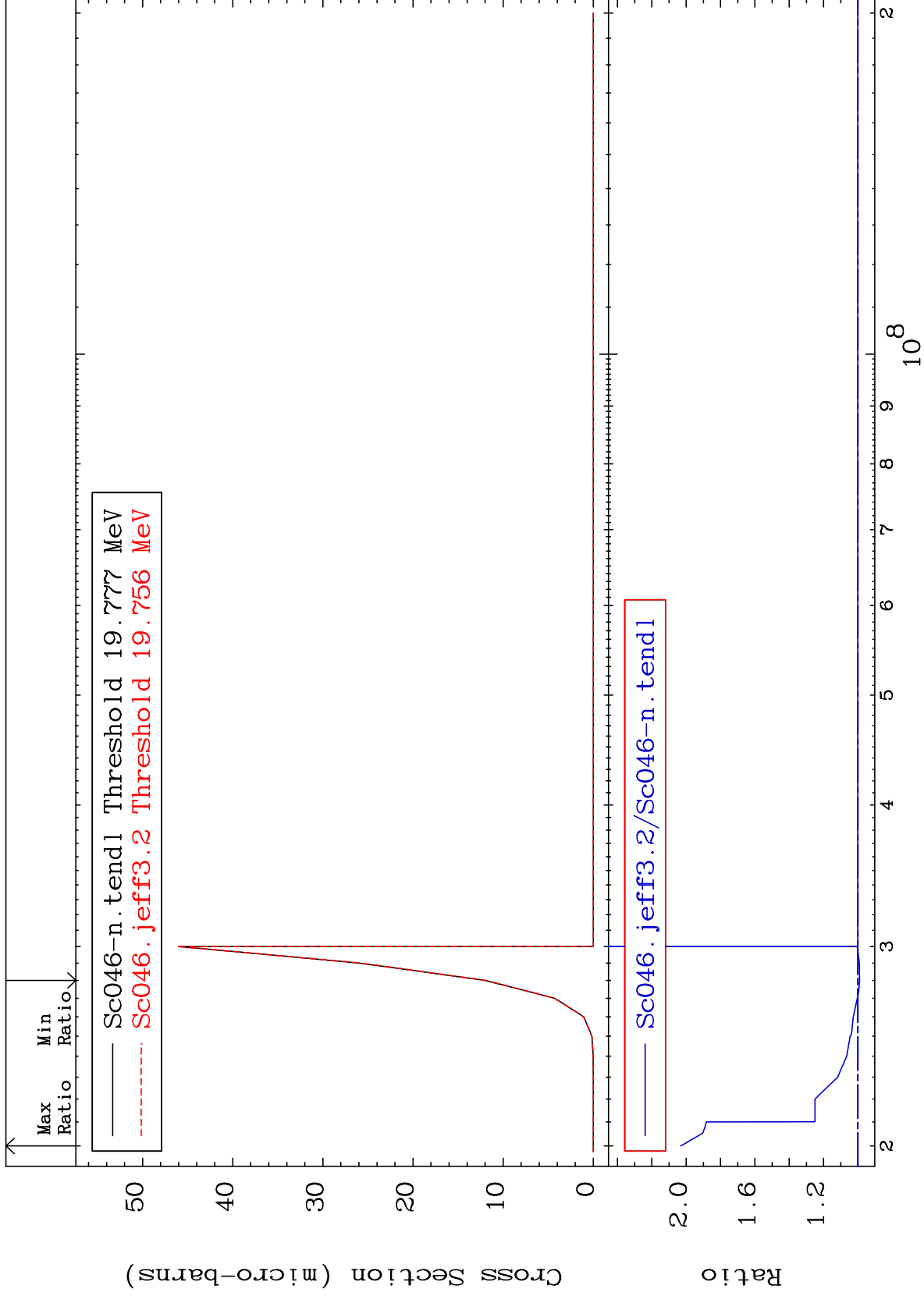
21-Sc-46
0.000 To 162.2 %



58

Incident Energy (eV)

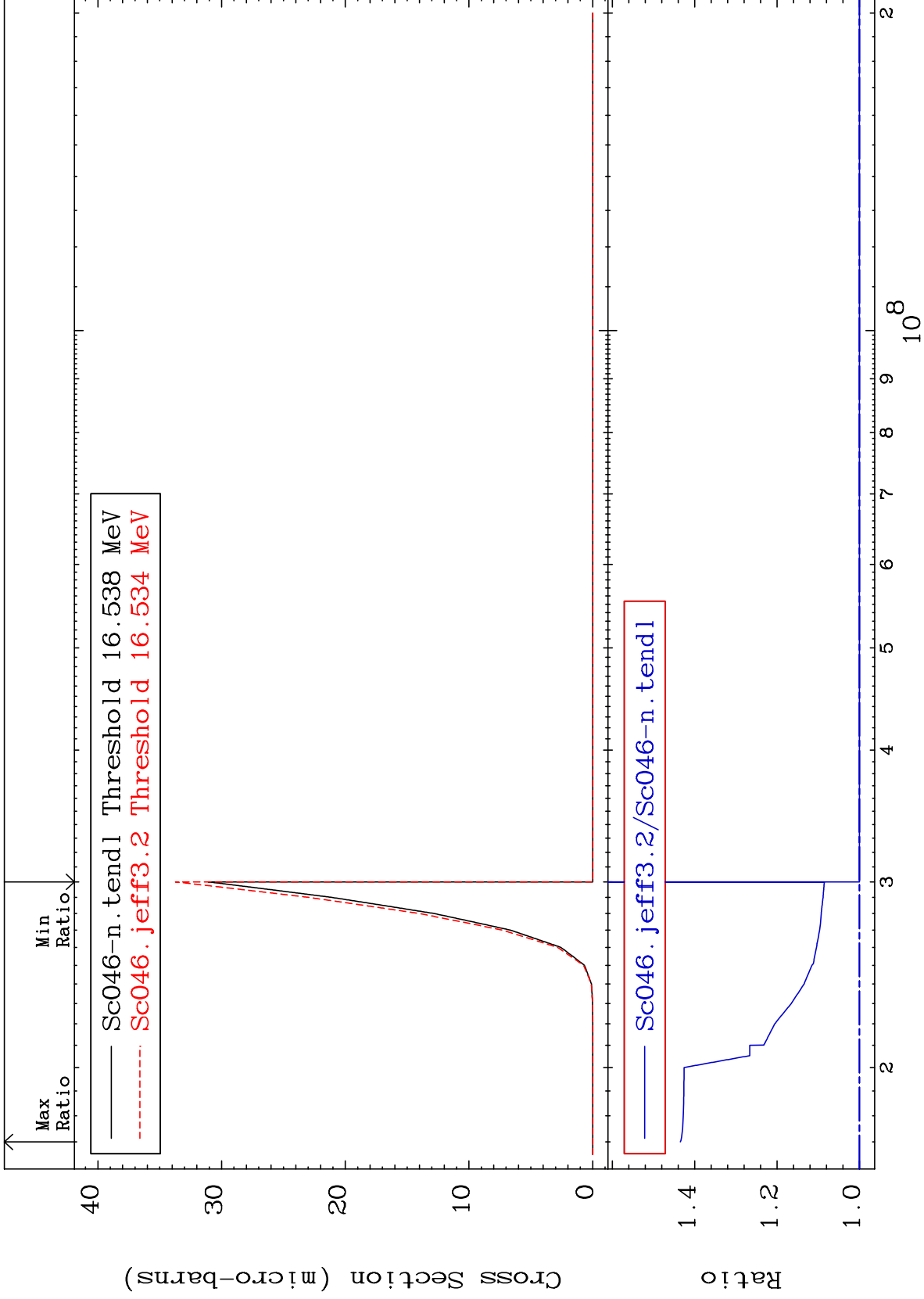
21-Sc-46



MAT 2128

(n,d) α
Cross Section

21-Sc-46
0.000 To 43.50 %



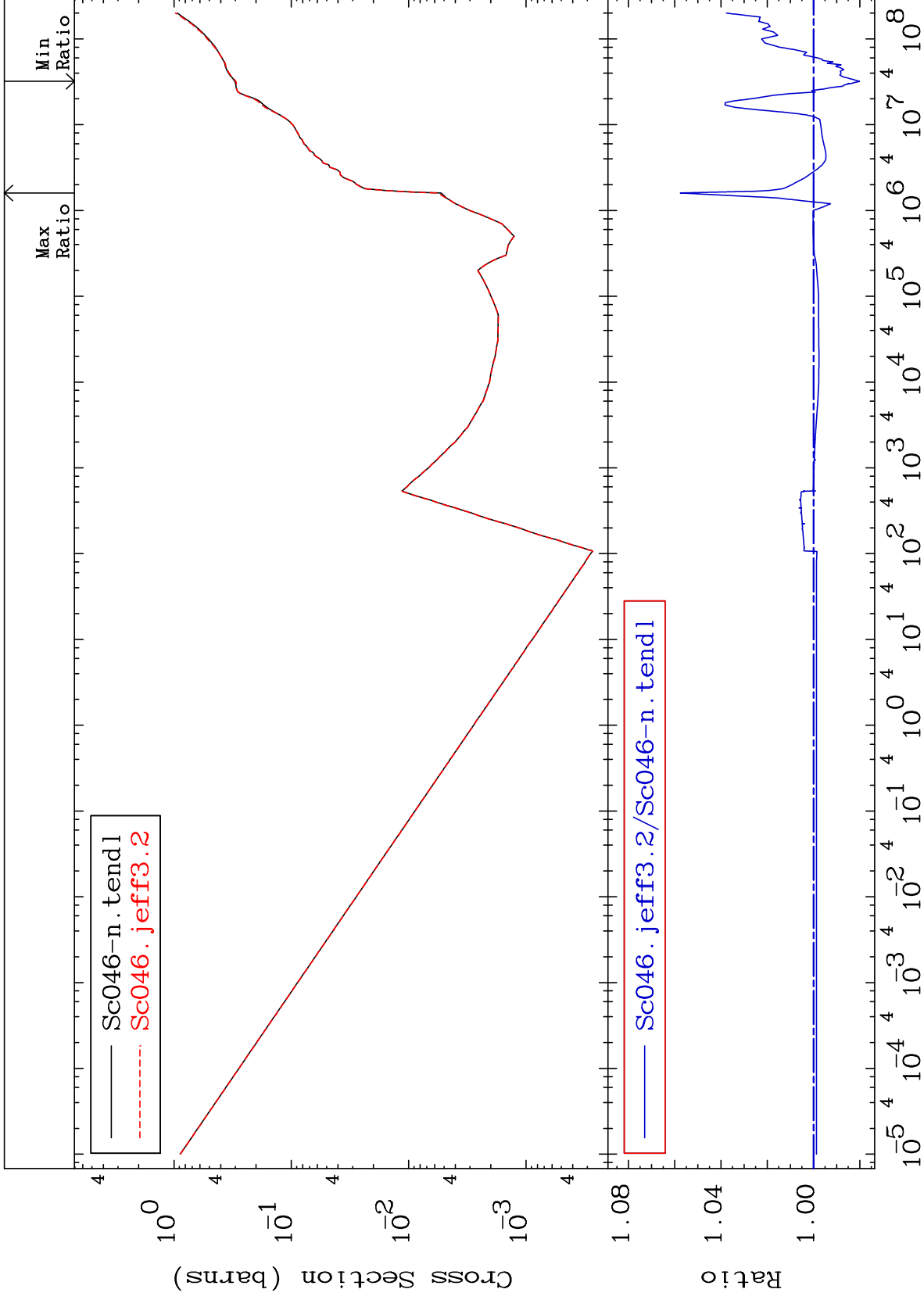
60

21-Sc-46

MAT 2128

Hydrogen Production
Cross Section

21-Sc-46
-1.986 To 5.756 %



61

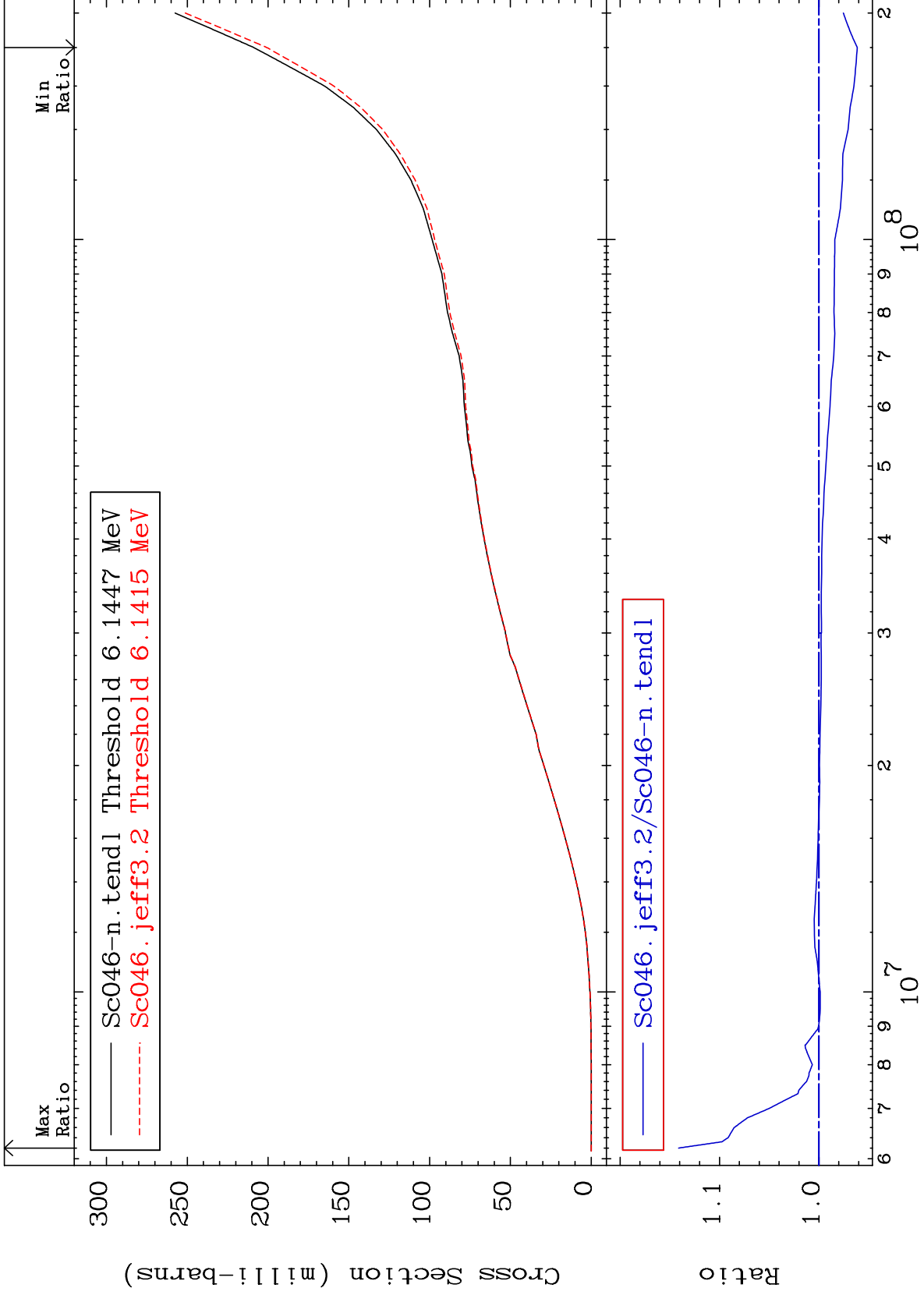
Incident Energy (eV)

21-Sc-46

MAT 2128

Deuterium Production
Cross Section

21-Sc-46
-3.856 To 14.11 %



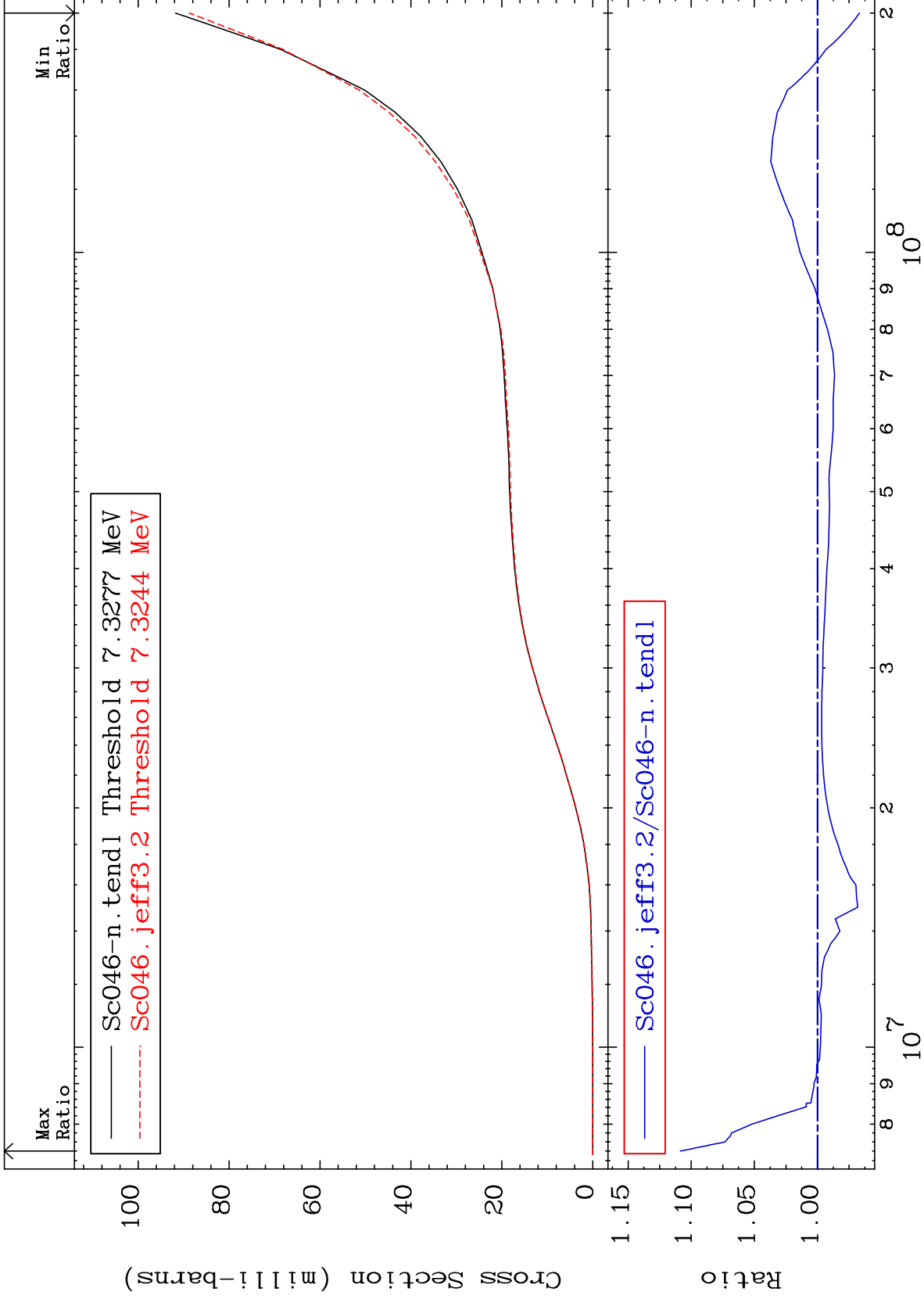
62

21-Sc-46

MAT 2128

Tritium Production
Cross Section

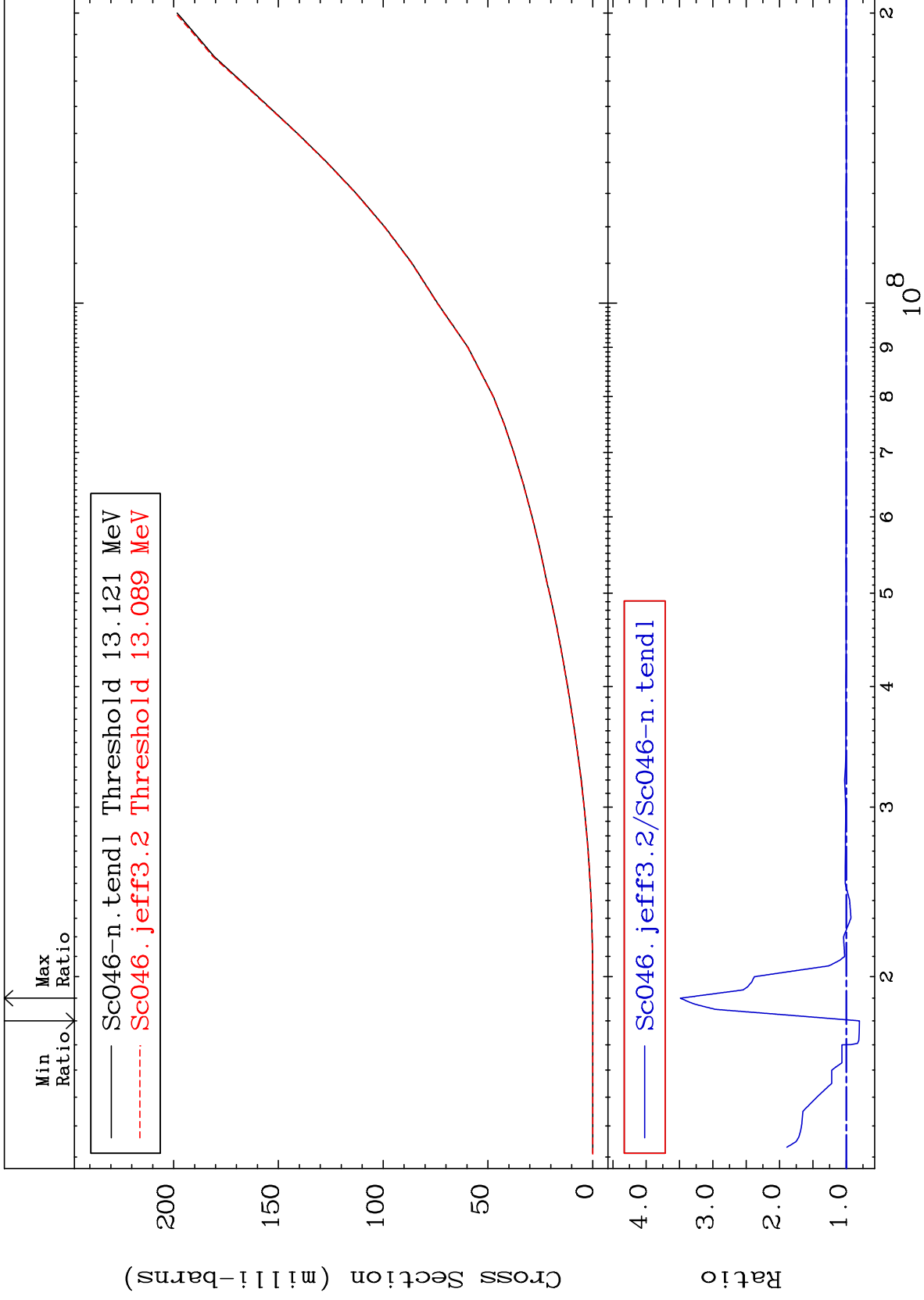
21-Sc-46
-3.319 To 10.86 %



MAT 2128

He-3 Production
Cross Section

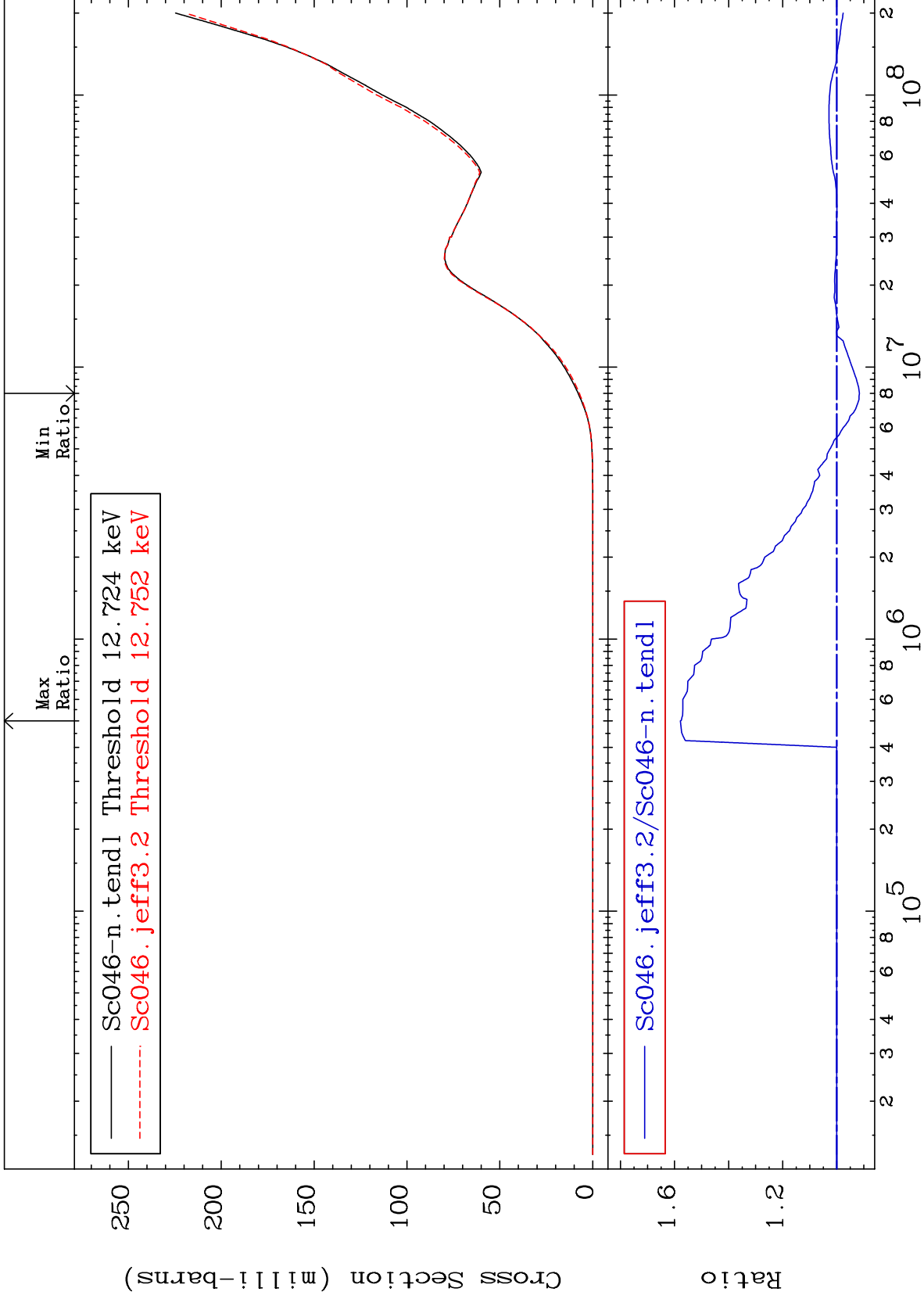
21-Sc-46
-19.67 To 248.8 %

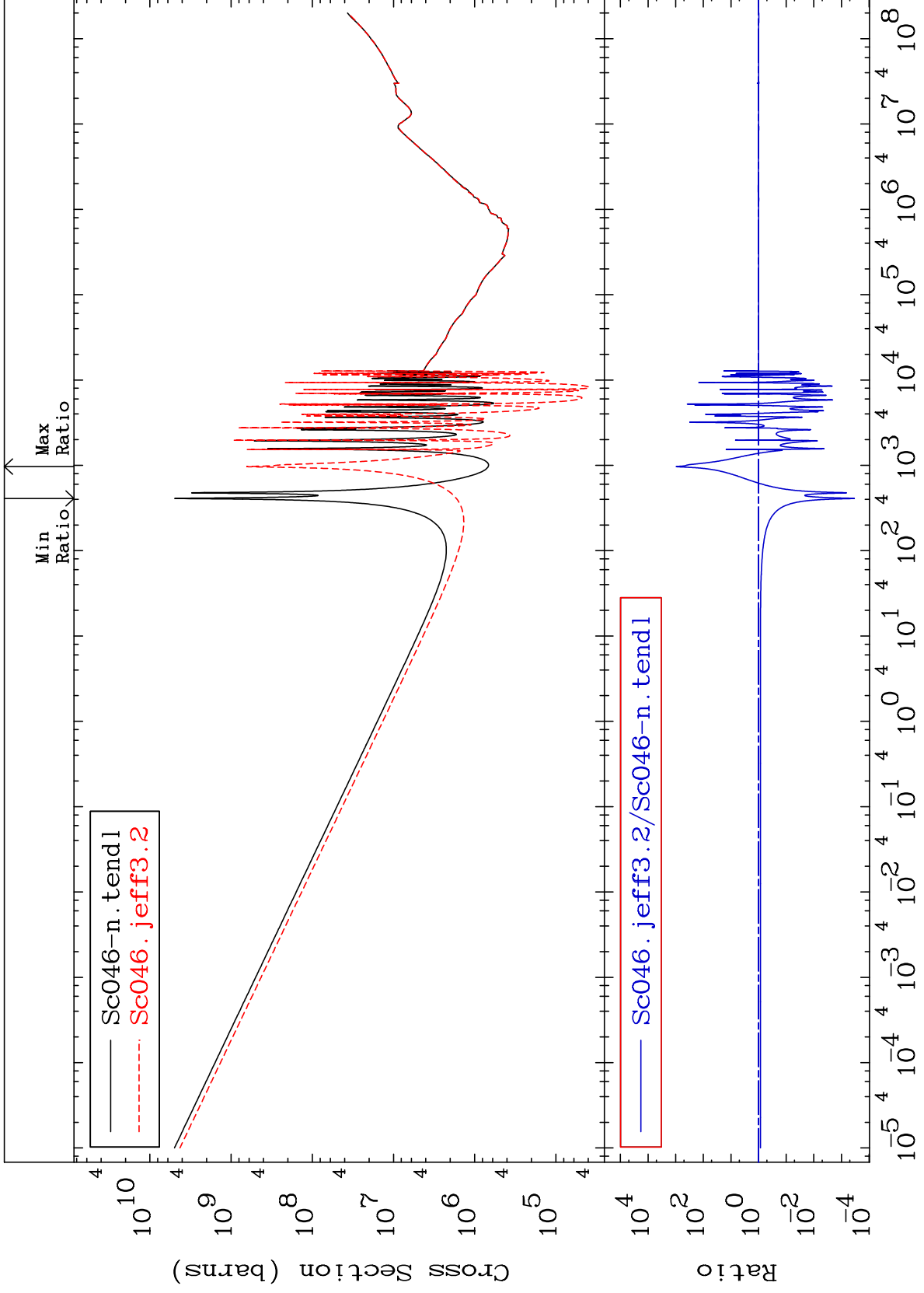


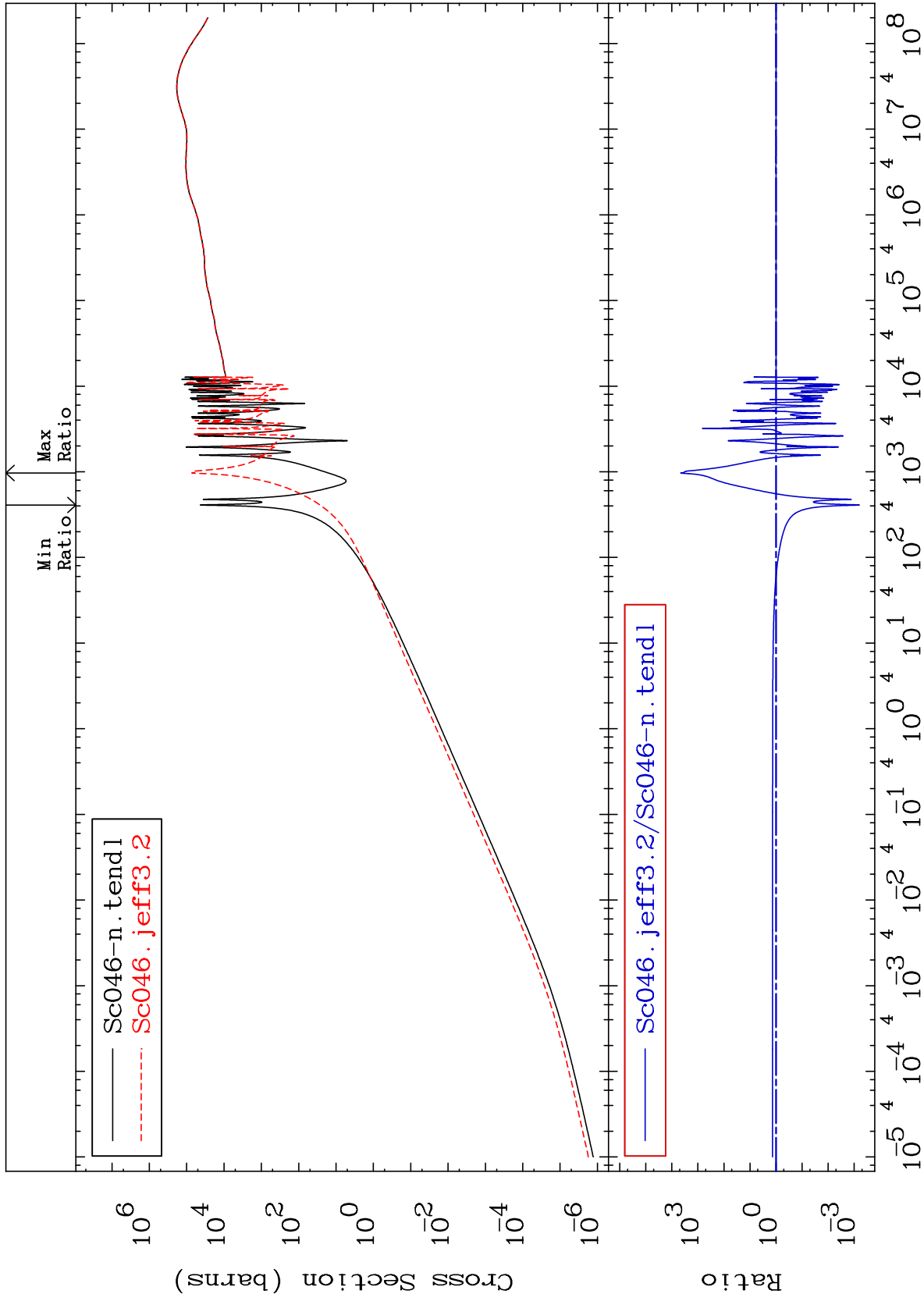
64

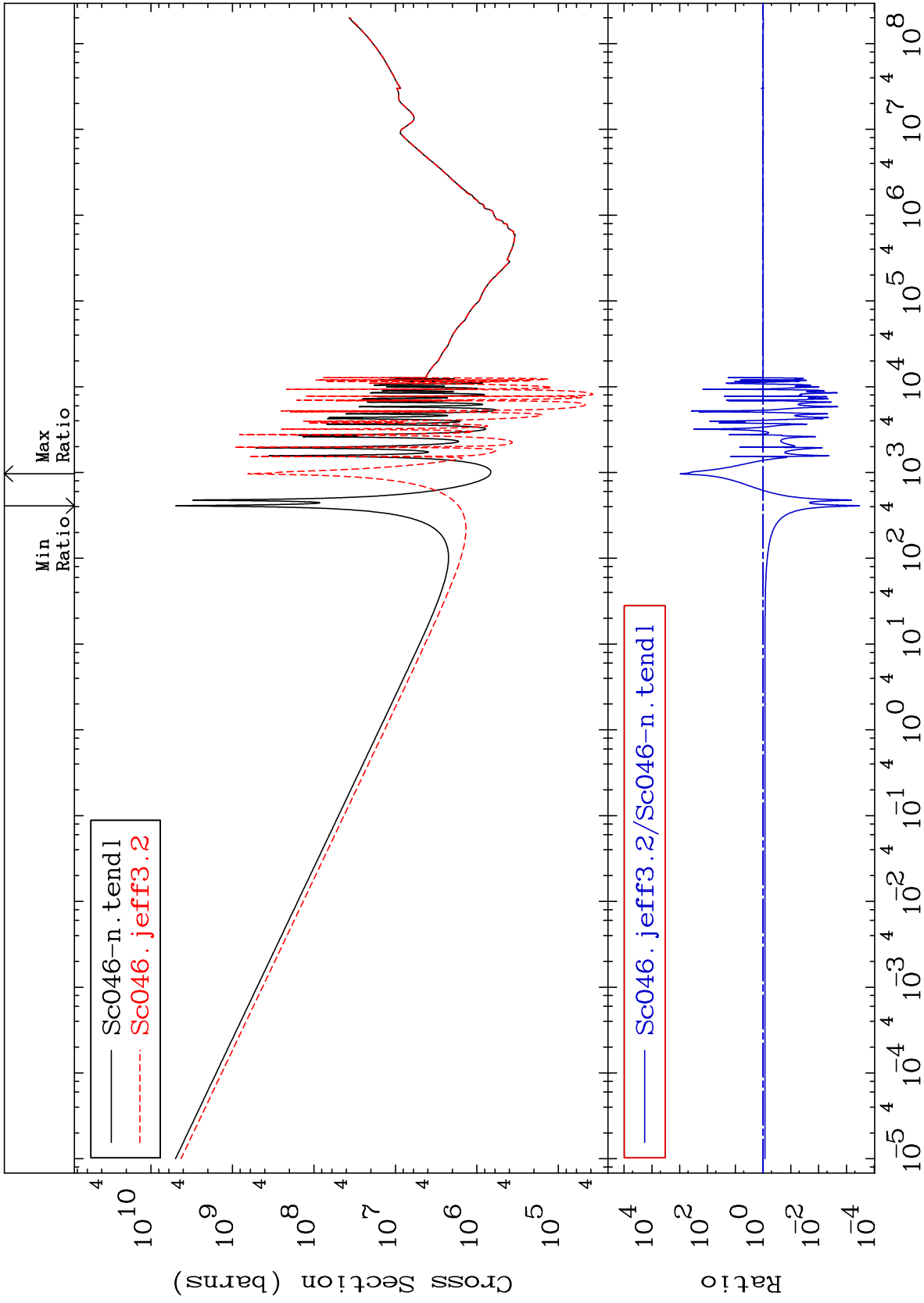
Incident Energy (eV)

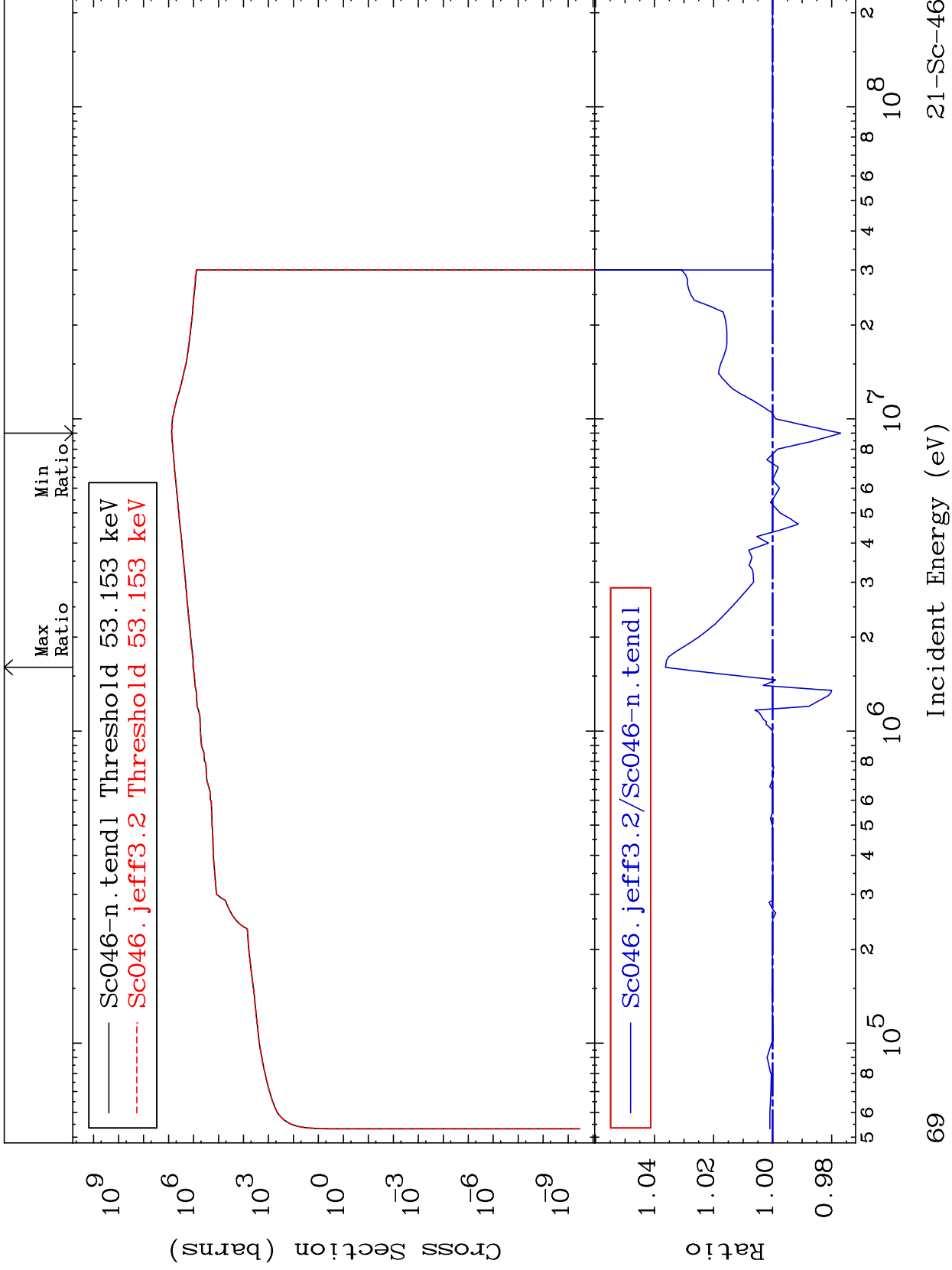
21-Sc-46







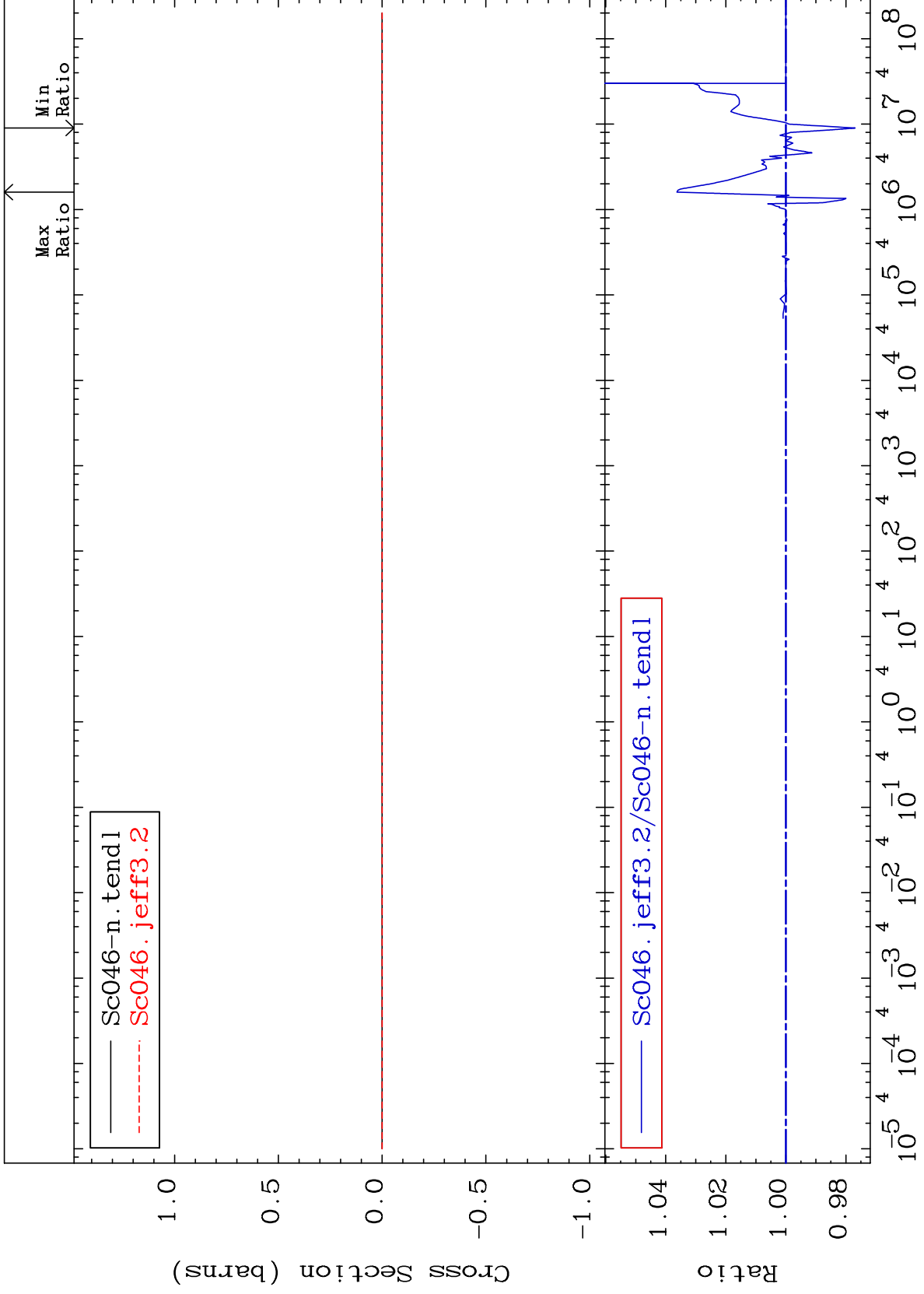




MAT 2128

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

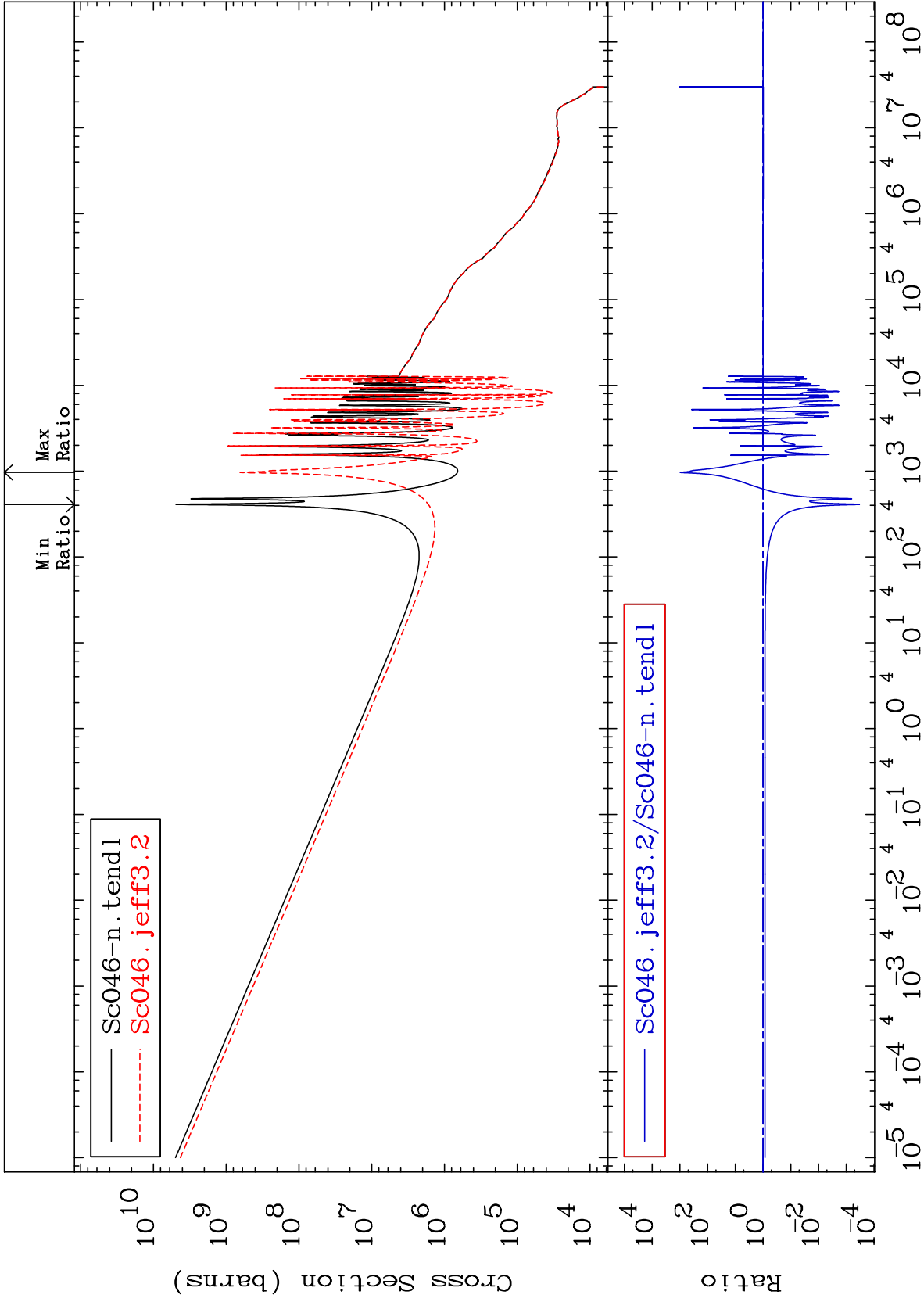
21-Sc-46
-2.306 To 3.628 %

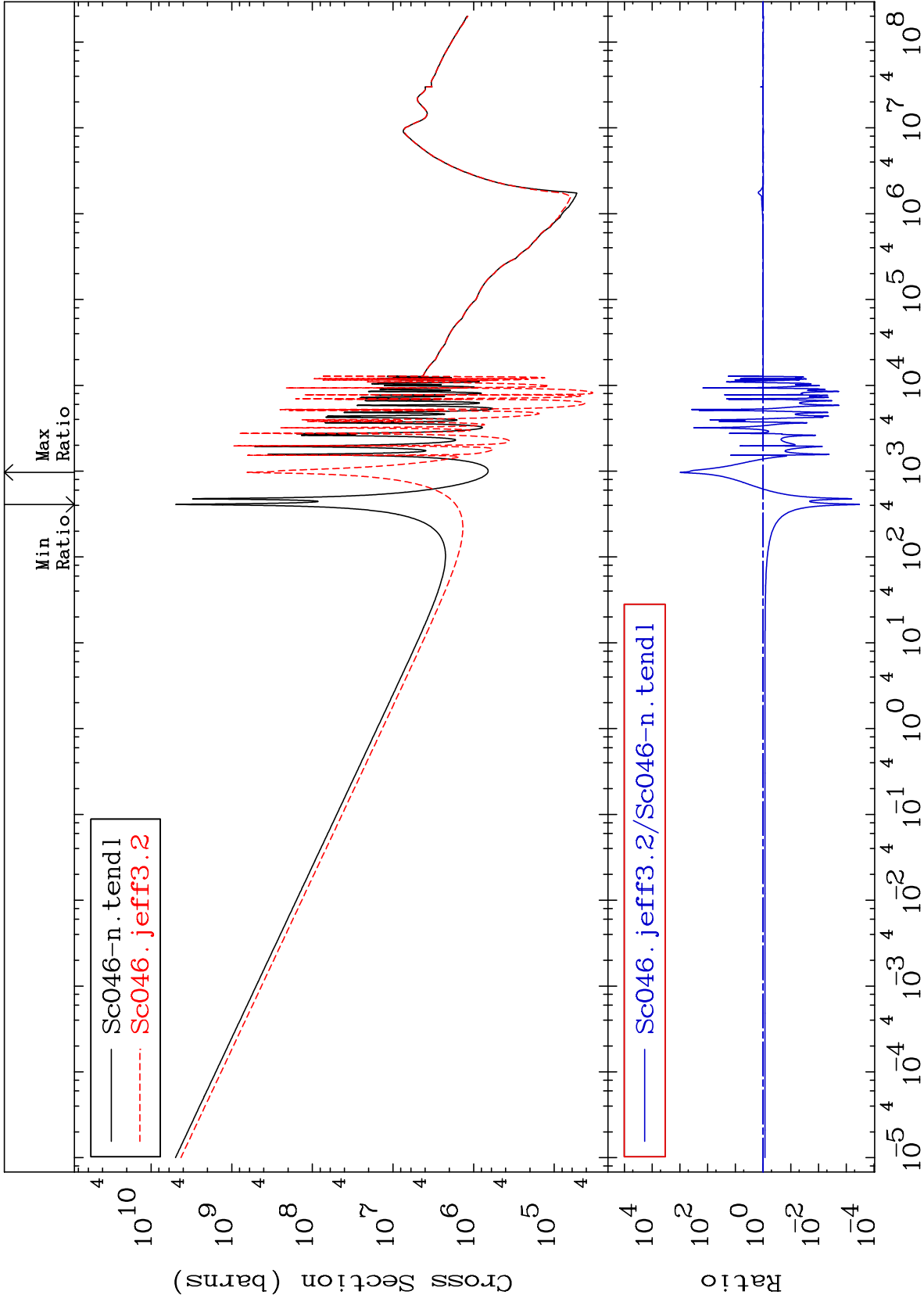


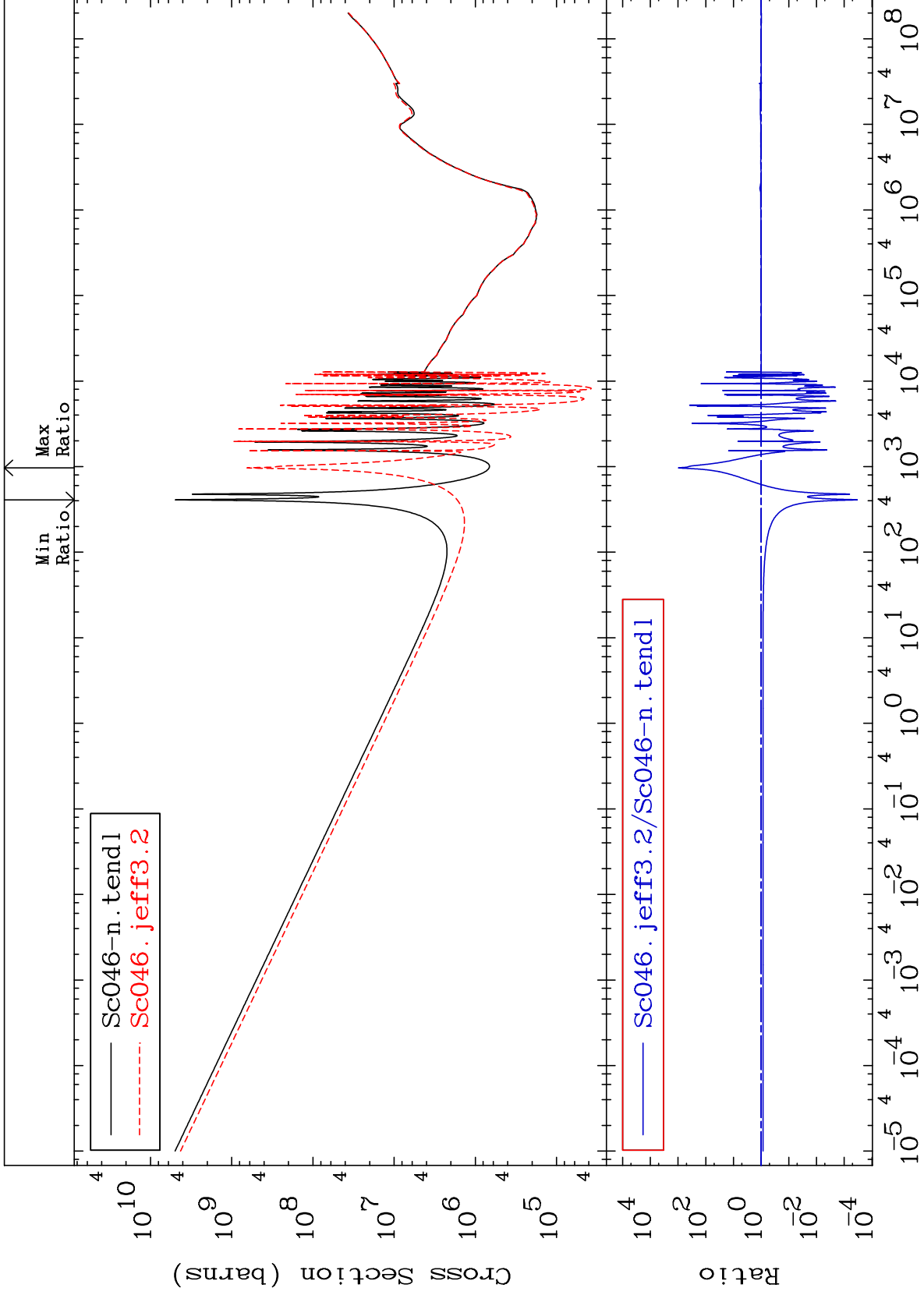
70

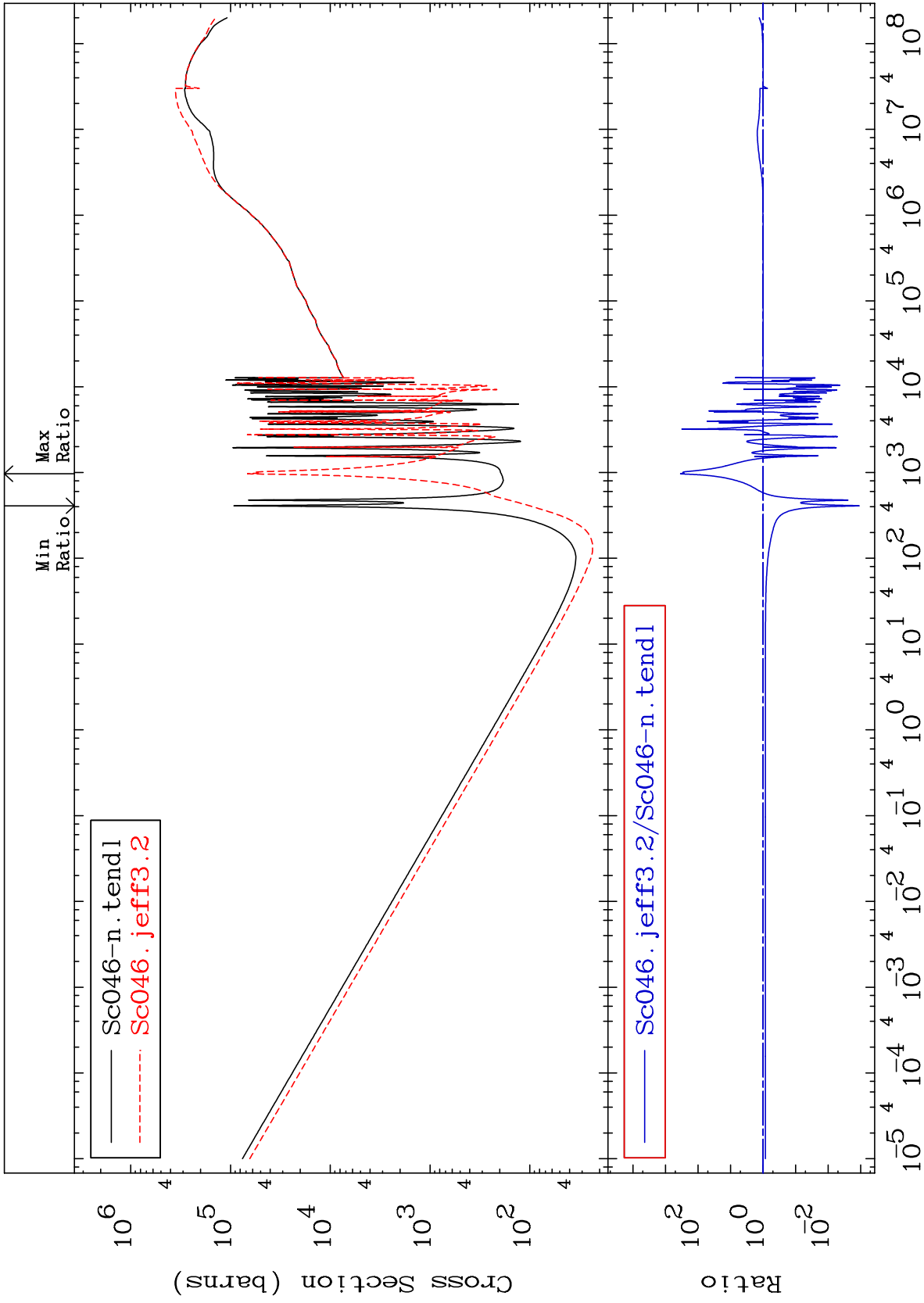
Incident Energy (eV)

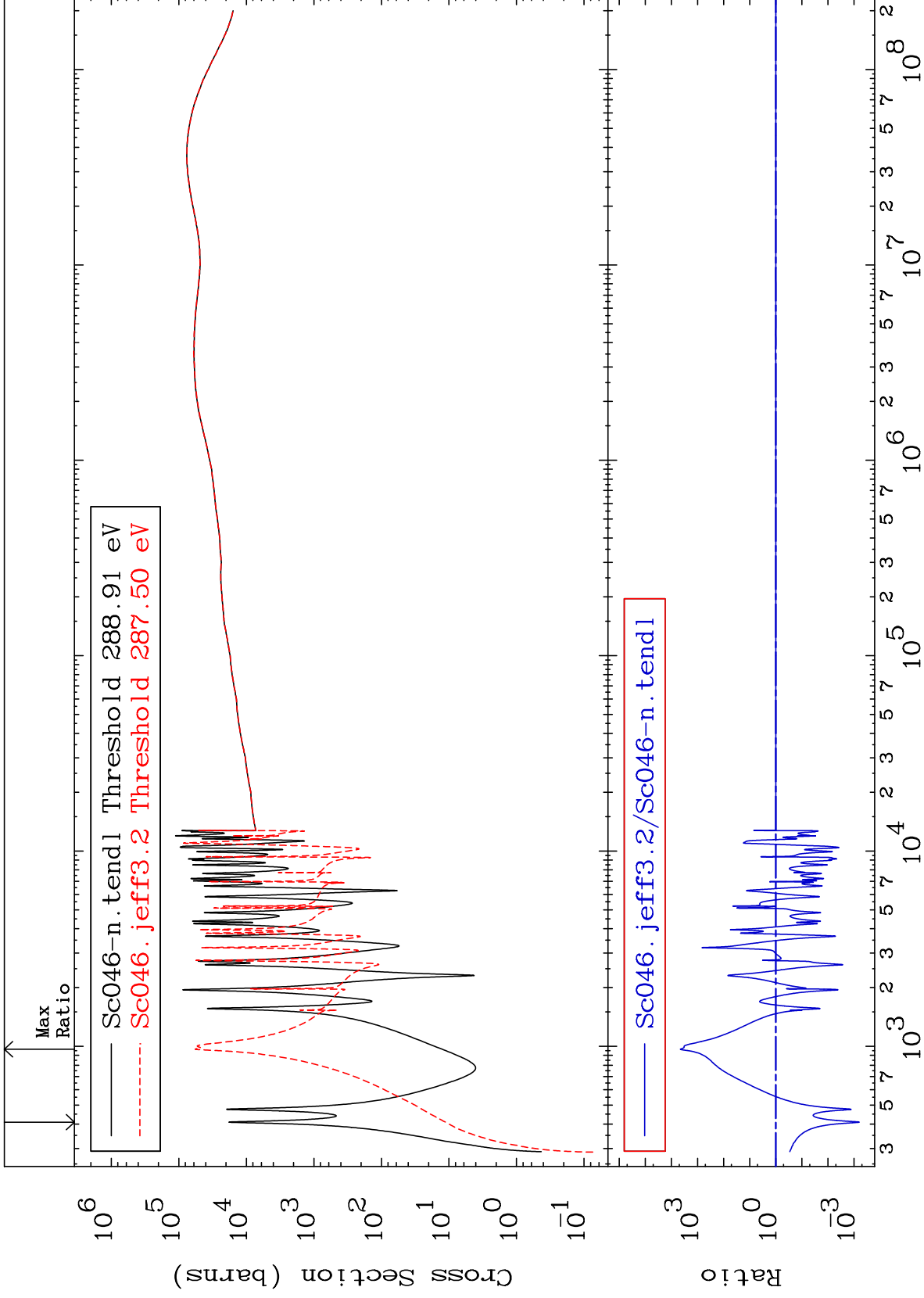
21-Sc-46







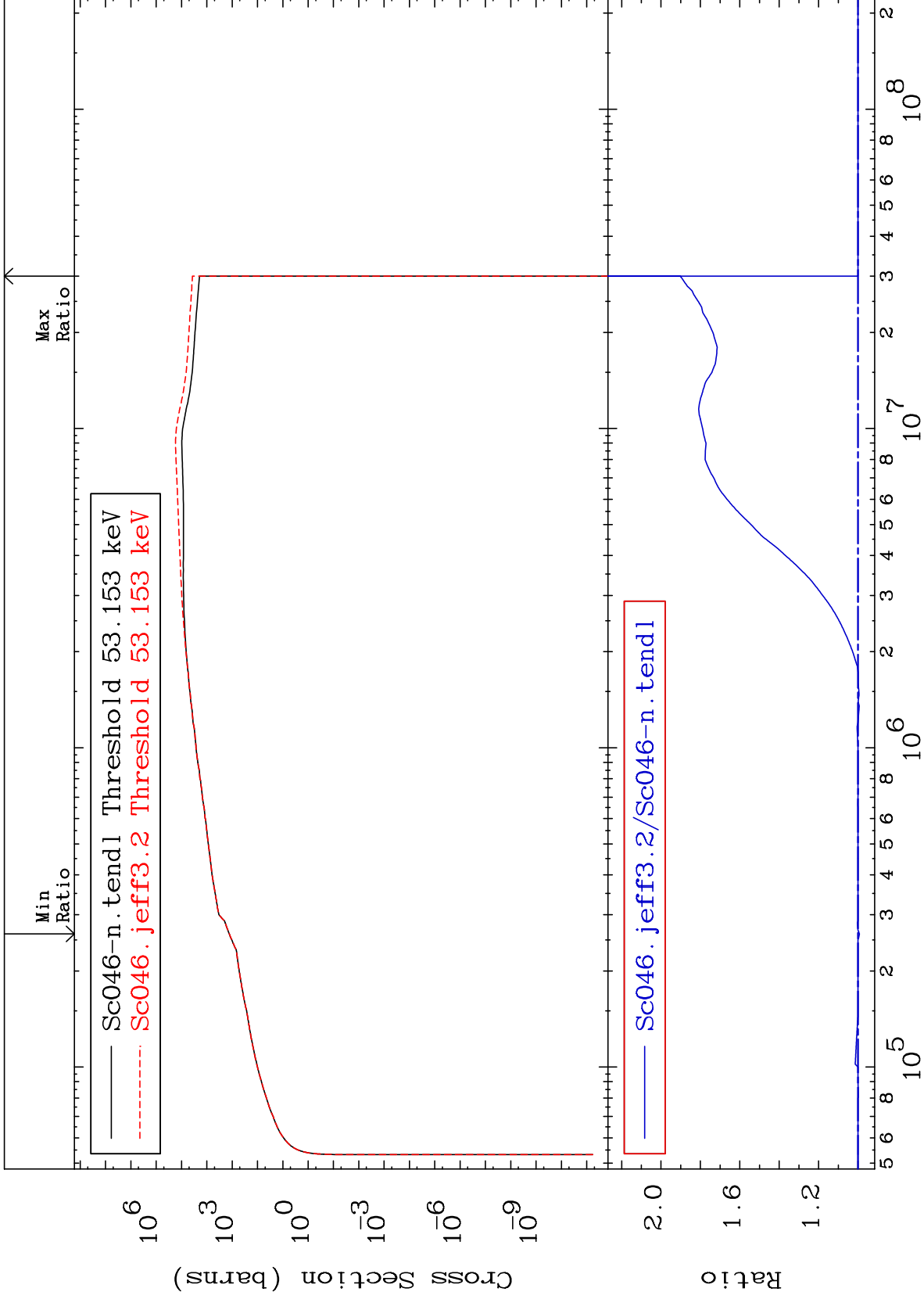




MAT 2128

Dpa inelastic (mt51-91)
Cross Section

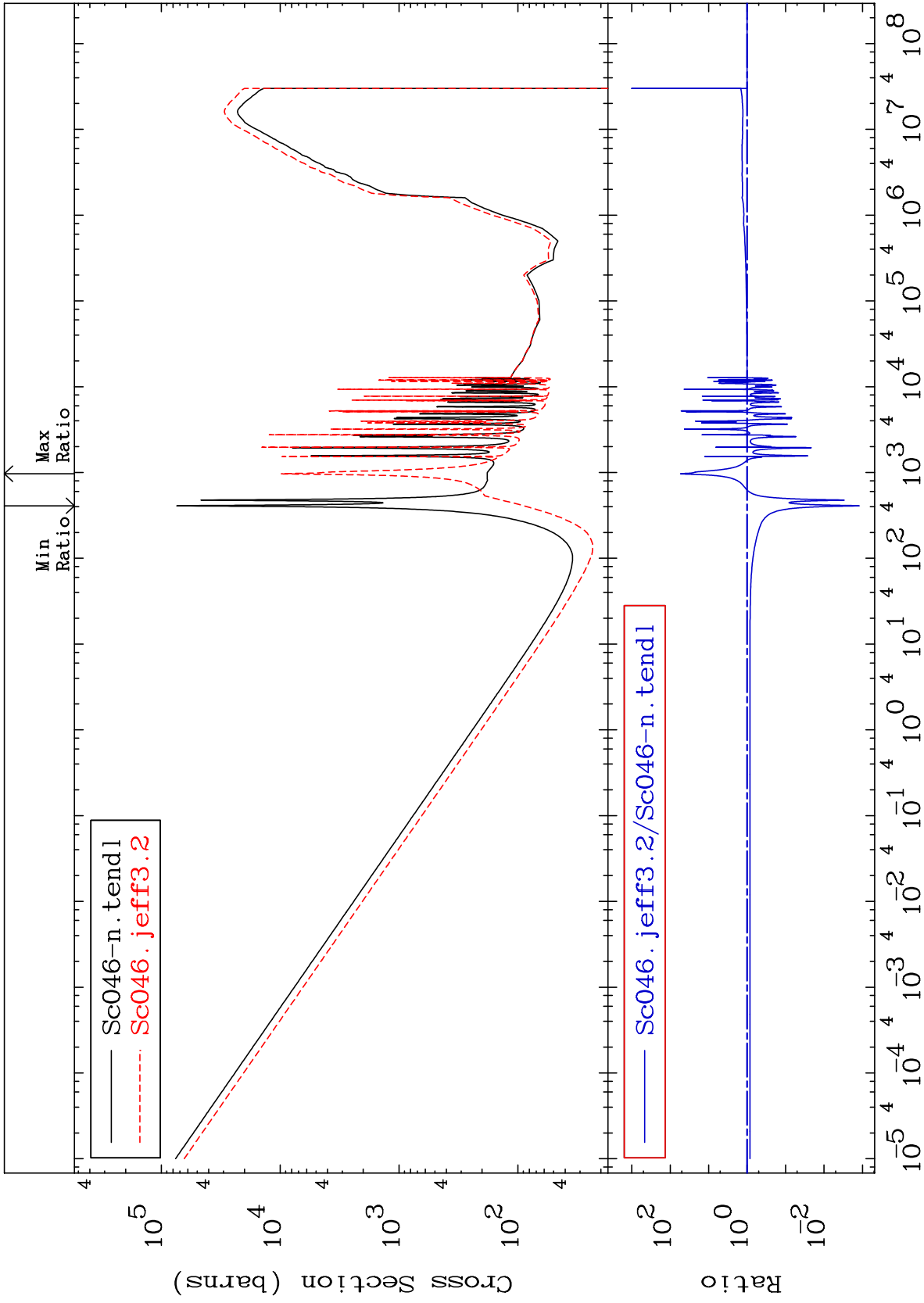
21-Sc-46
-0.703 To 90.19 %



76

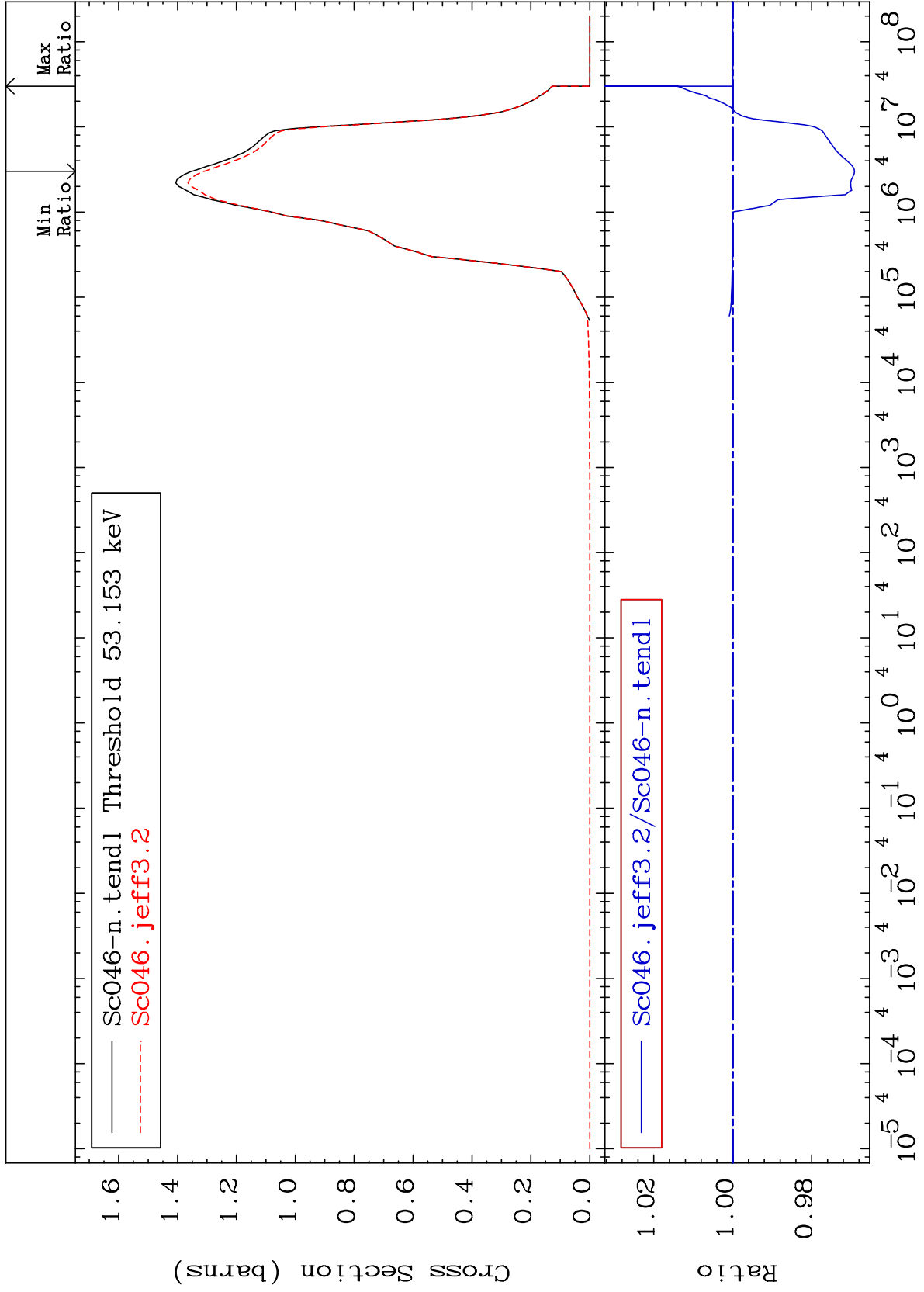
Incident Energy (eV)

21-Sc-46



Radionuclide Production Cross Section

-3.083 To 1.417 %

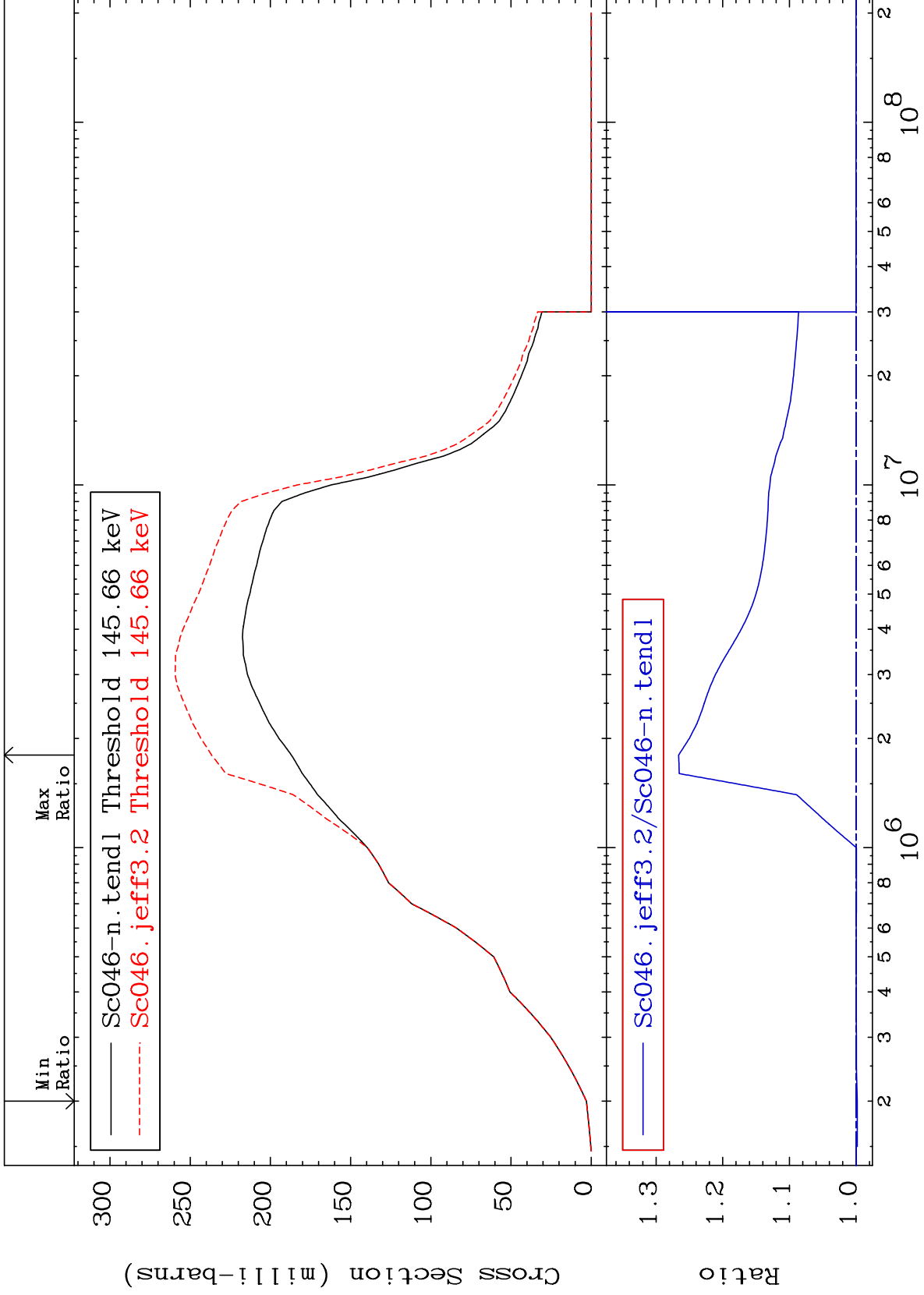


MAT 2128

Inelastic:21-Sc-46m2

21-Sc-46

Radionuclide Production Cross Section -0.172 To 26.62 %



79

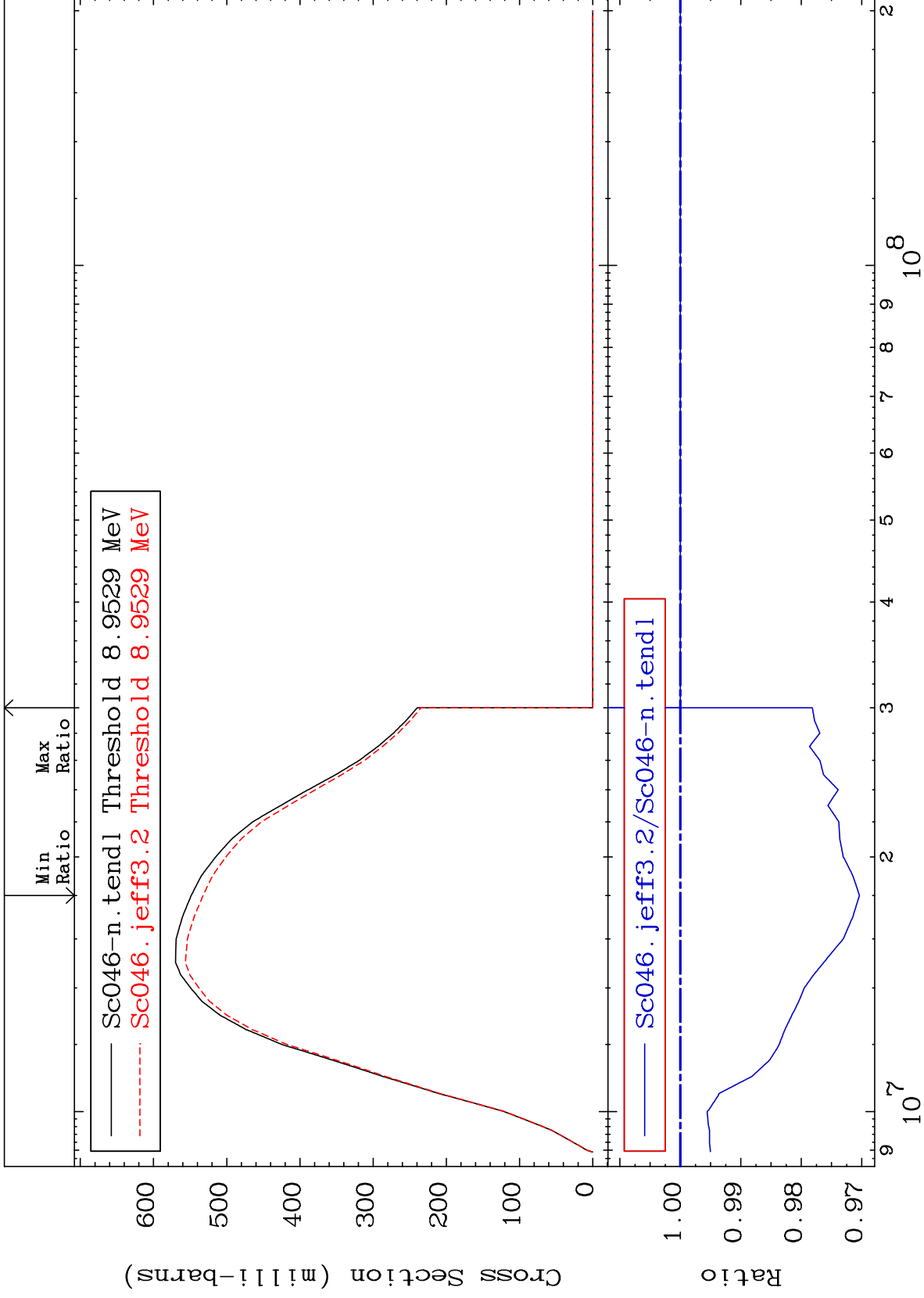
Incident Energy (eV)

21-Sc-46

MAT 2128

21-Sc-46

(n,2n):21-Sc-45g
Radionuclide Production Cross Section -2.961 To 0.000 %

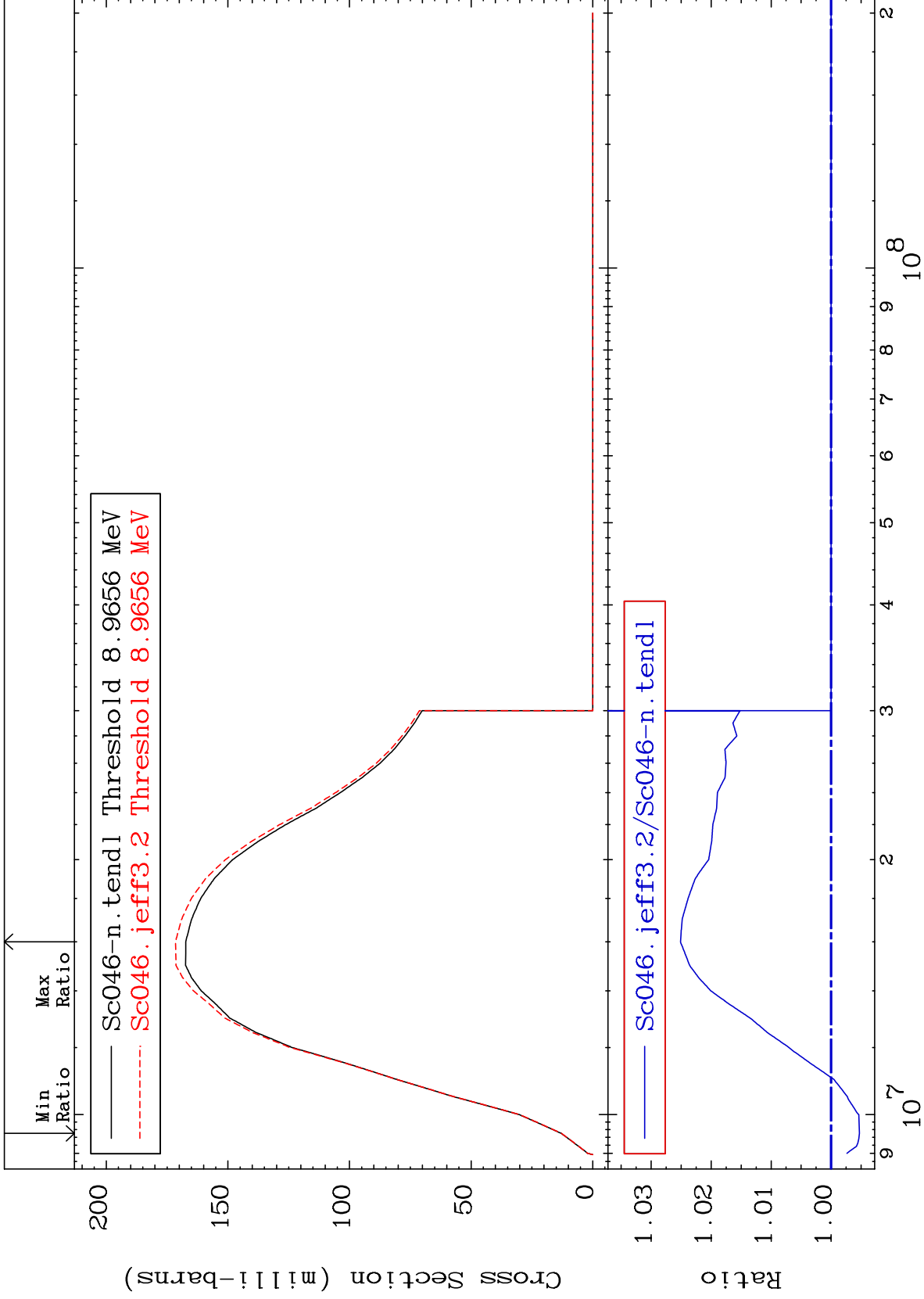


80

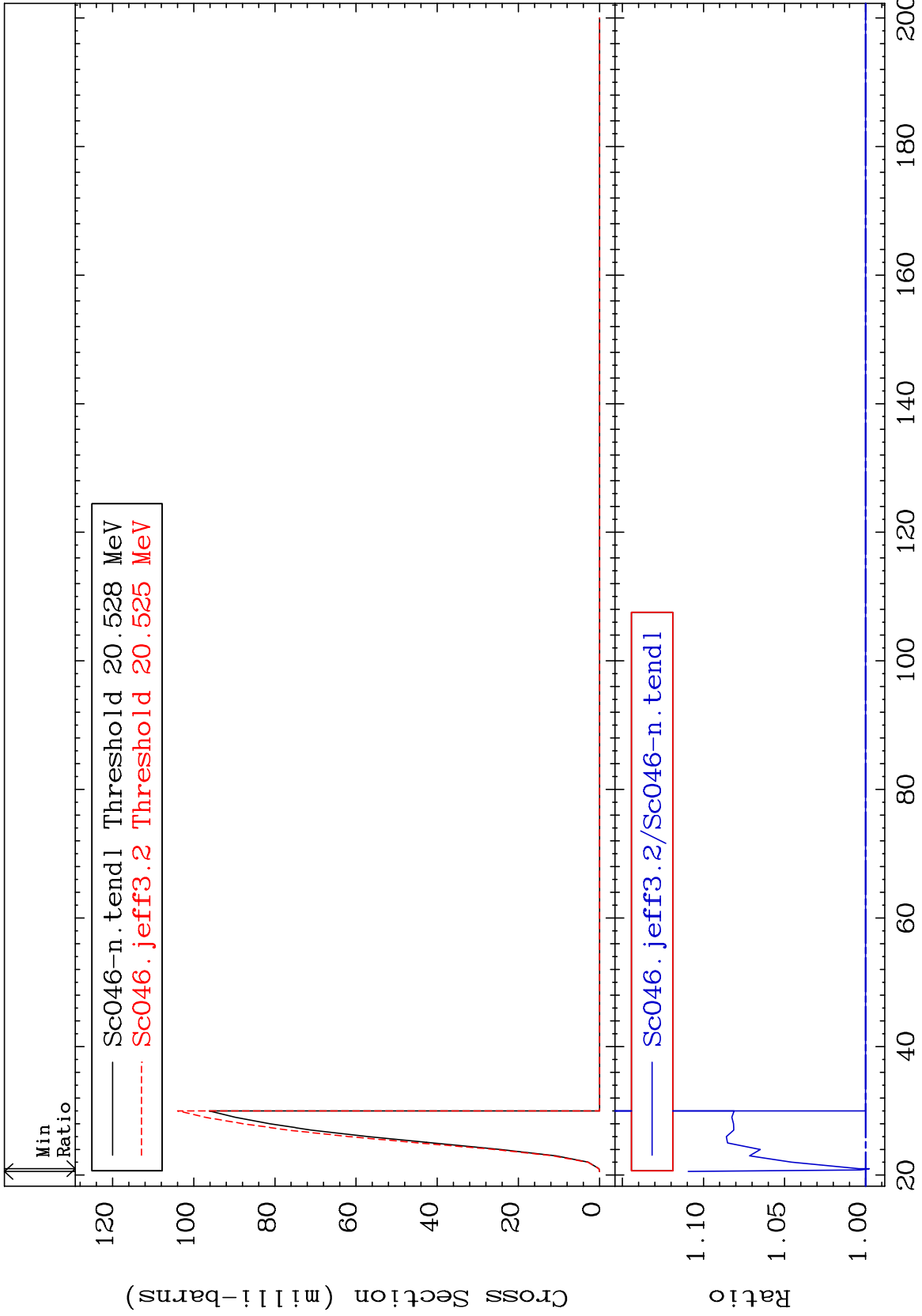
Incident Energy (eV)

21-Sc-46

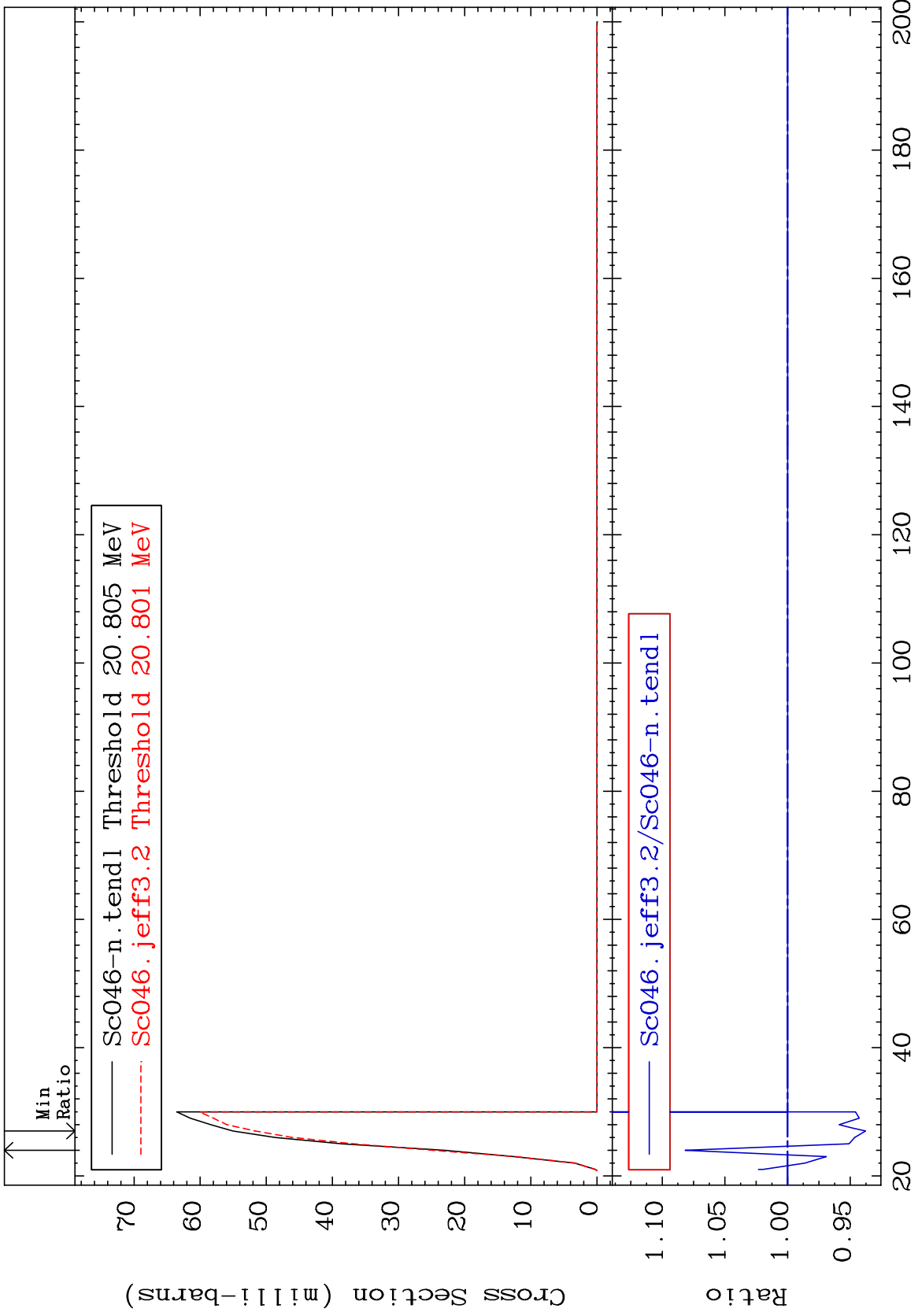
Radionuclide Production Cross Section -0.472 To 2.513 %

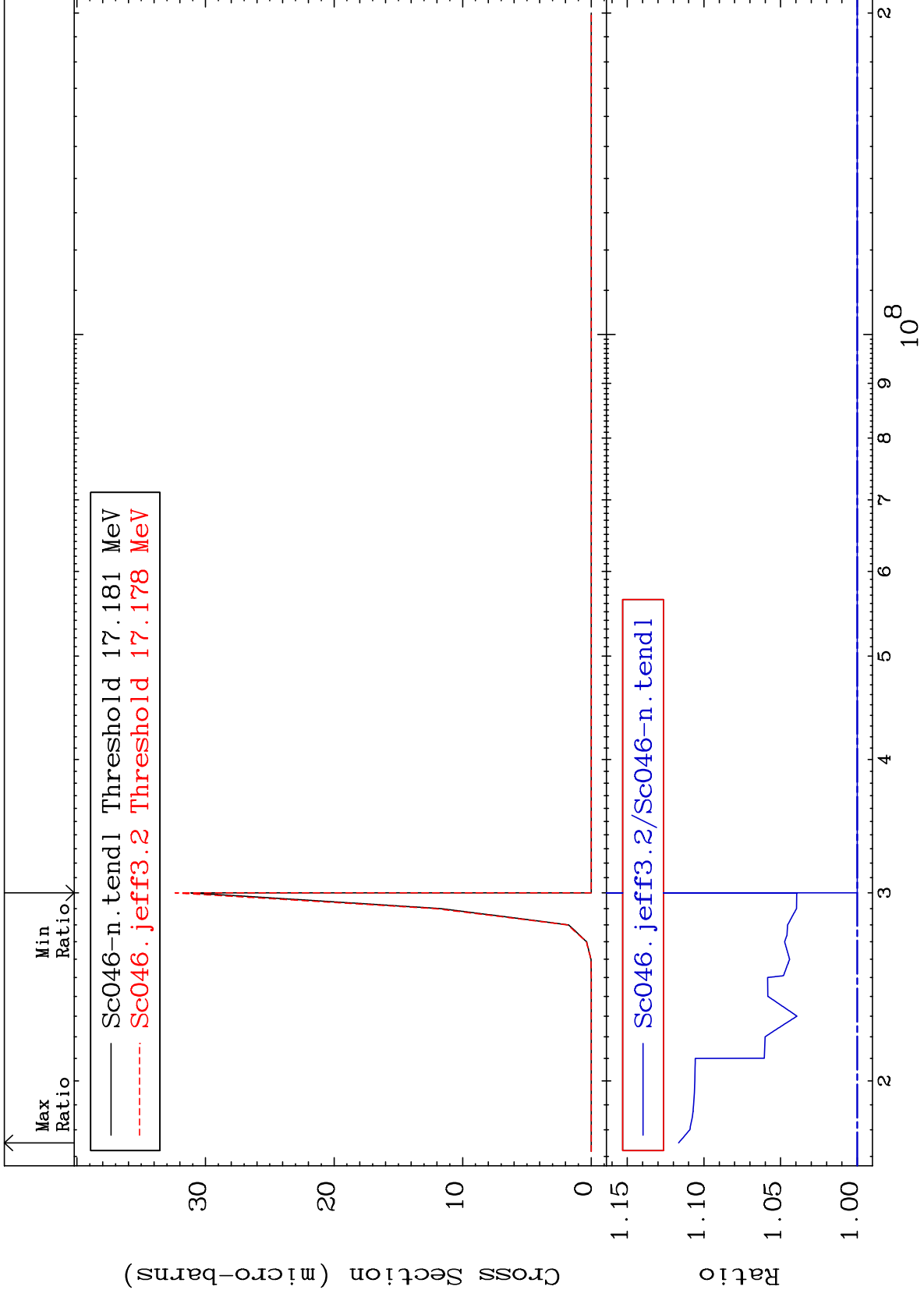


Radionuclide Production Cross Section -0.228 To 10.94 %



Radionuclide Production Cross Section -6.218 To 8.164 %





Radionuclide Production Cross Section -46.12 To 3.394 %

