

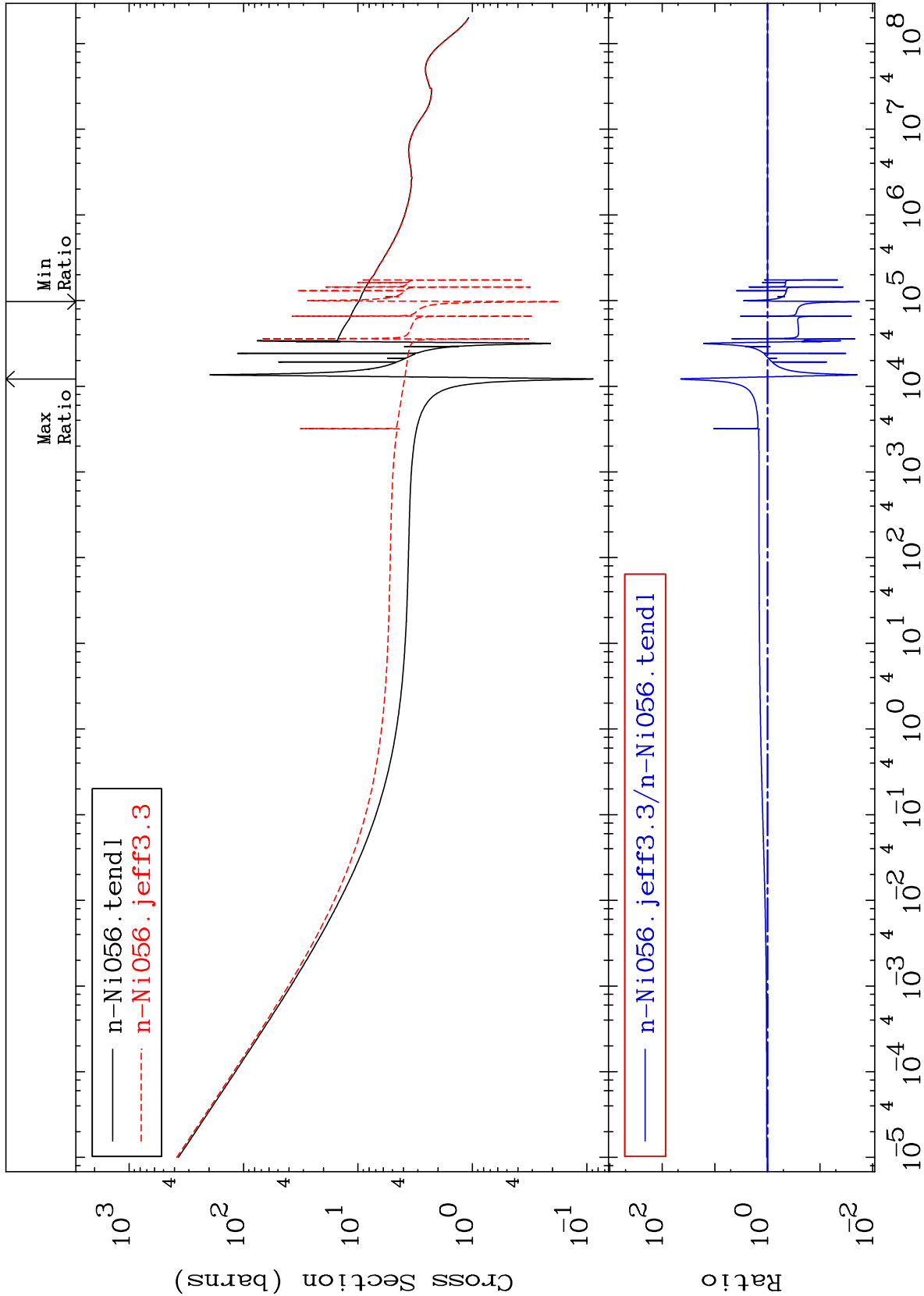
MAT 2819

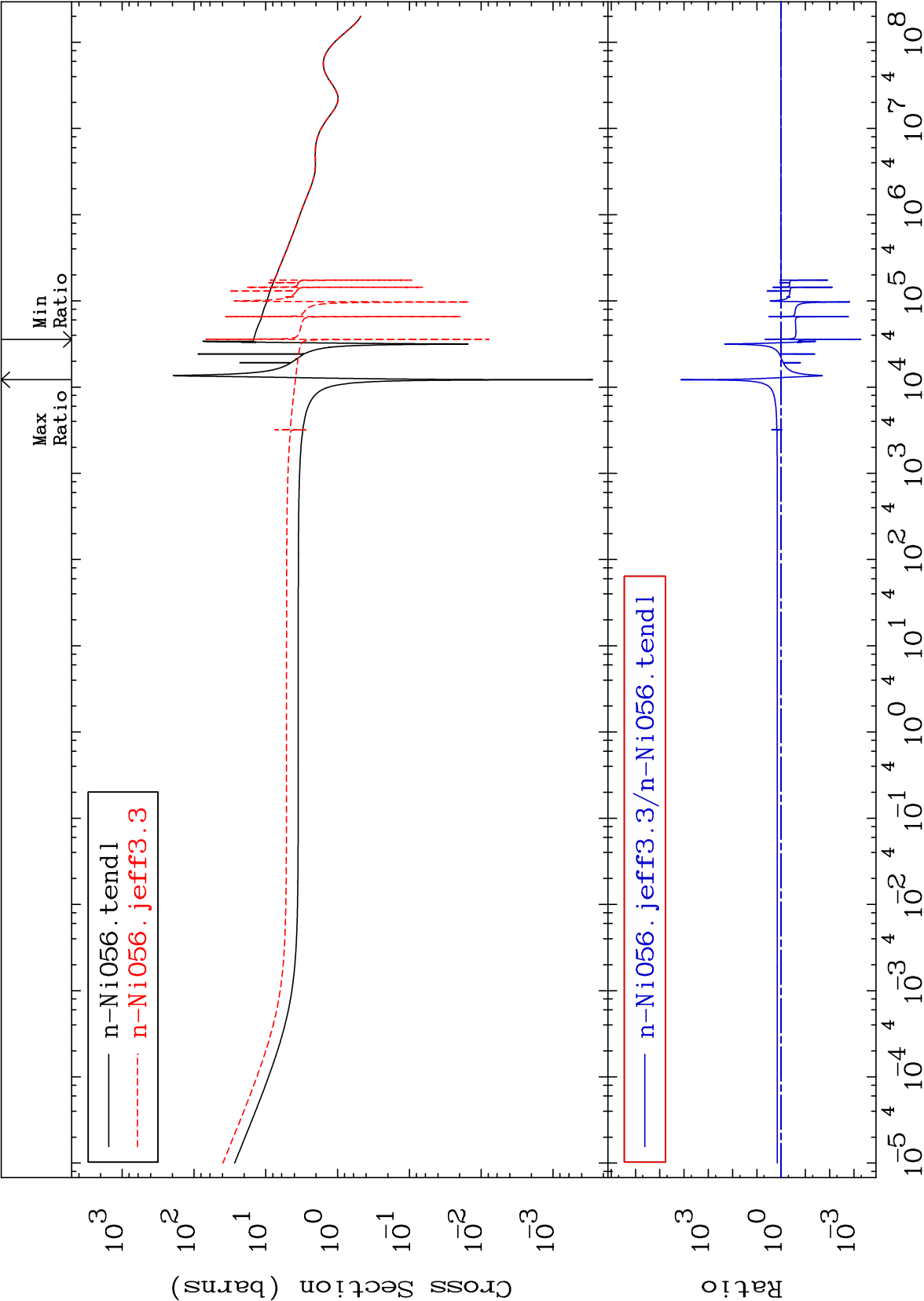
Total

²⁸Ni-56

Cross Section

-98.23 To 4351. %

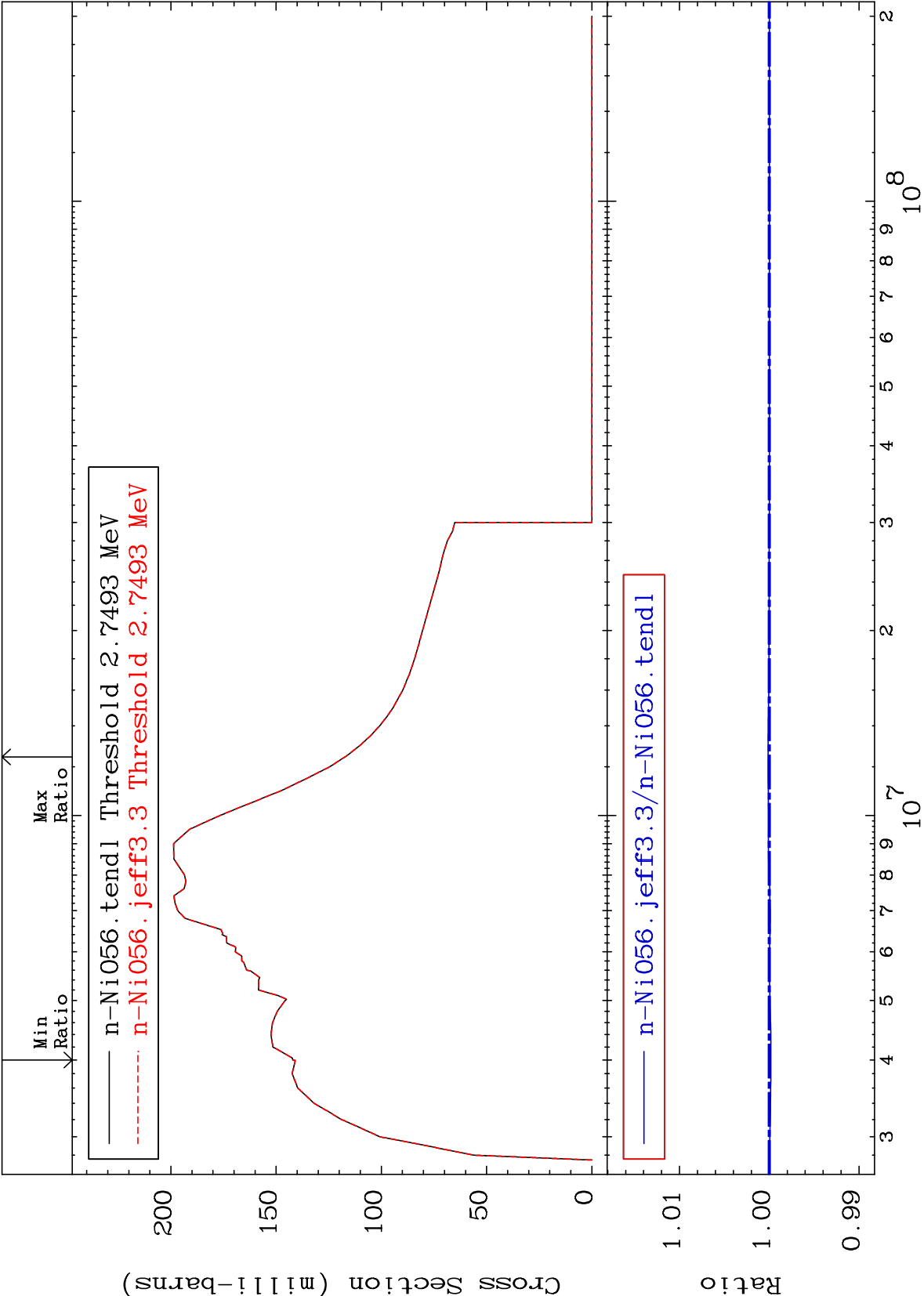


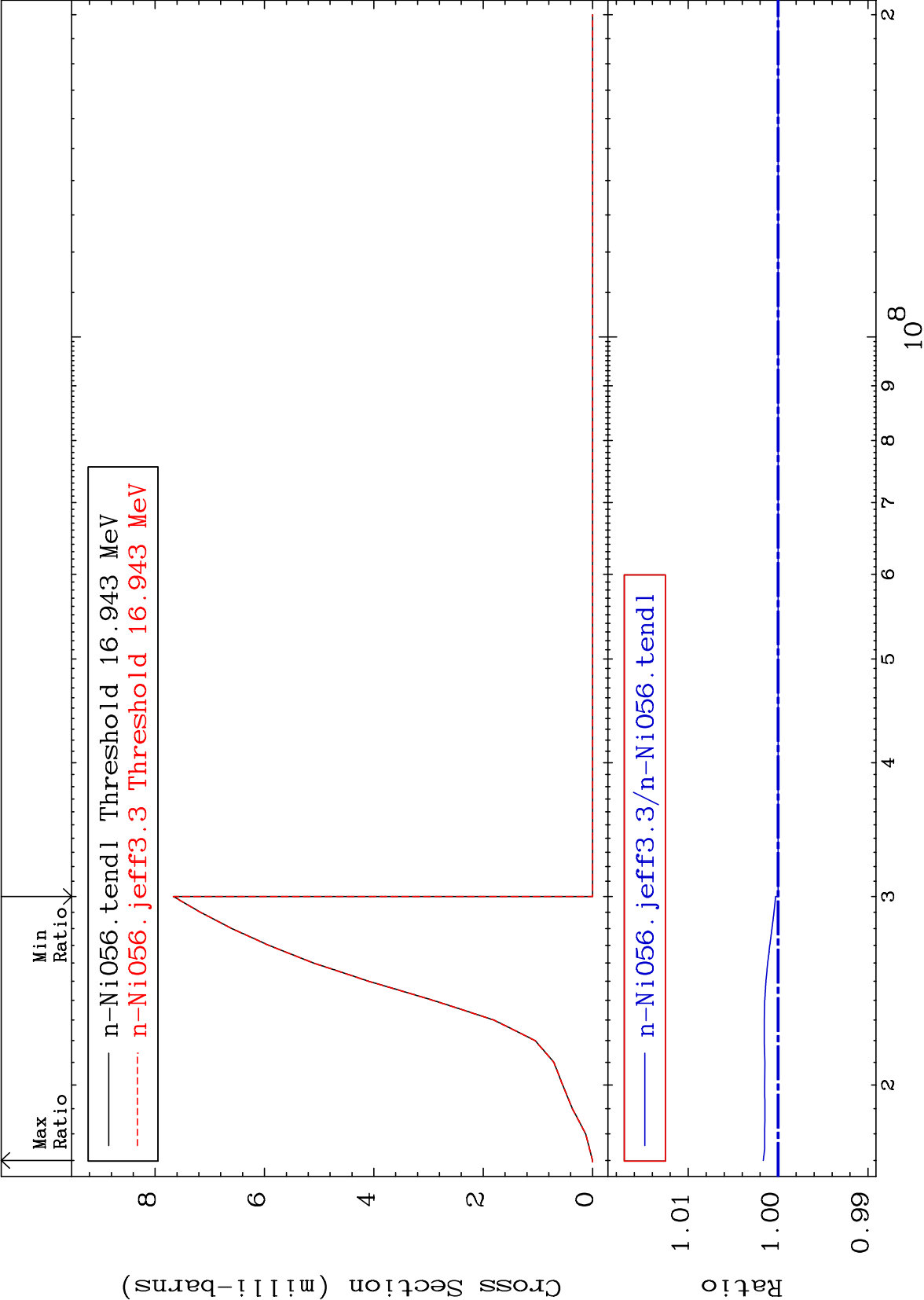


MAT 2819

Inelastic
Cross Section

28-Ni-56
-0.018 To 0.013 %

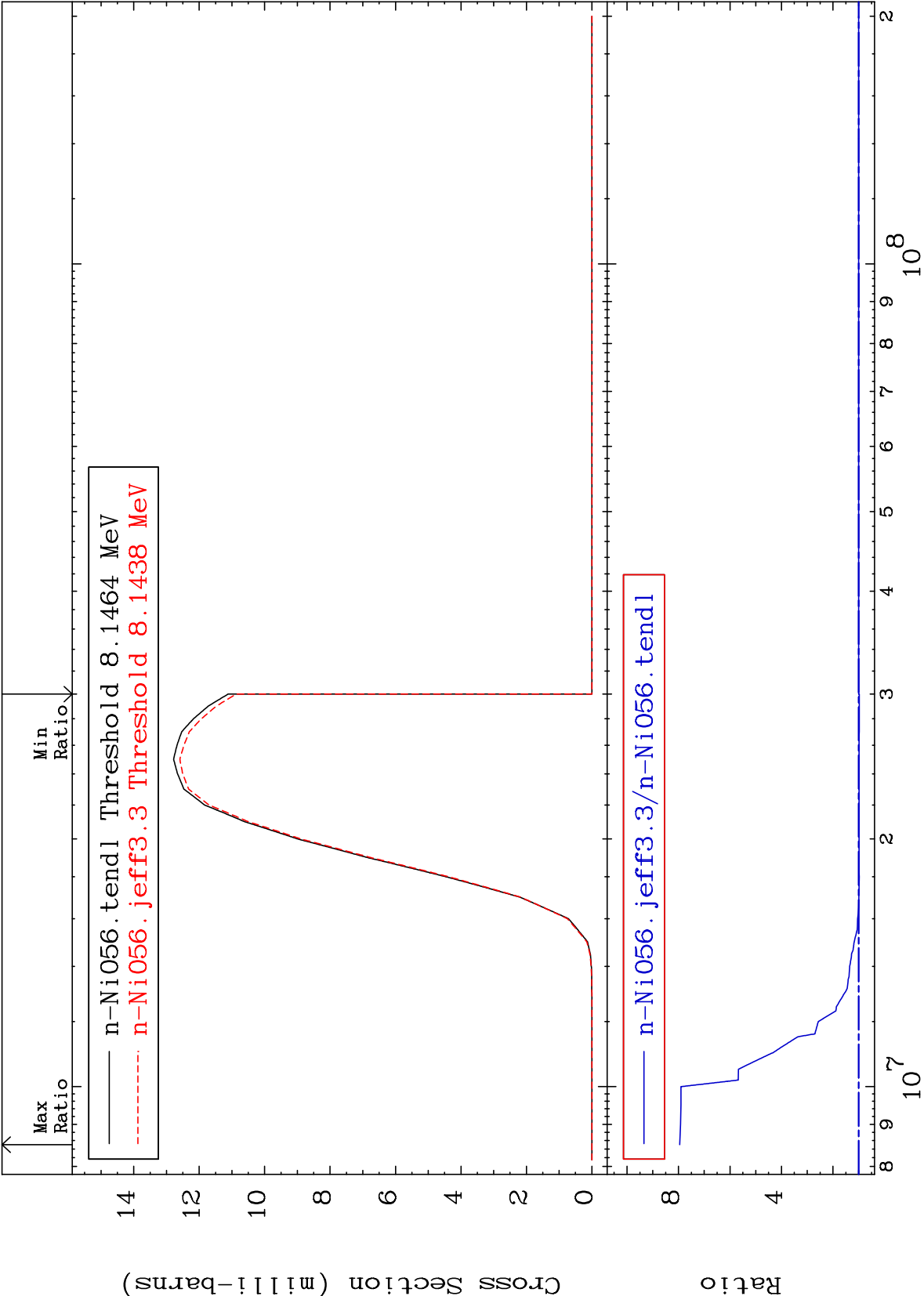




MAT 2819

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

28-Ni-56
-2.232 To 695.2 %



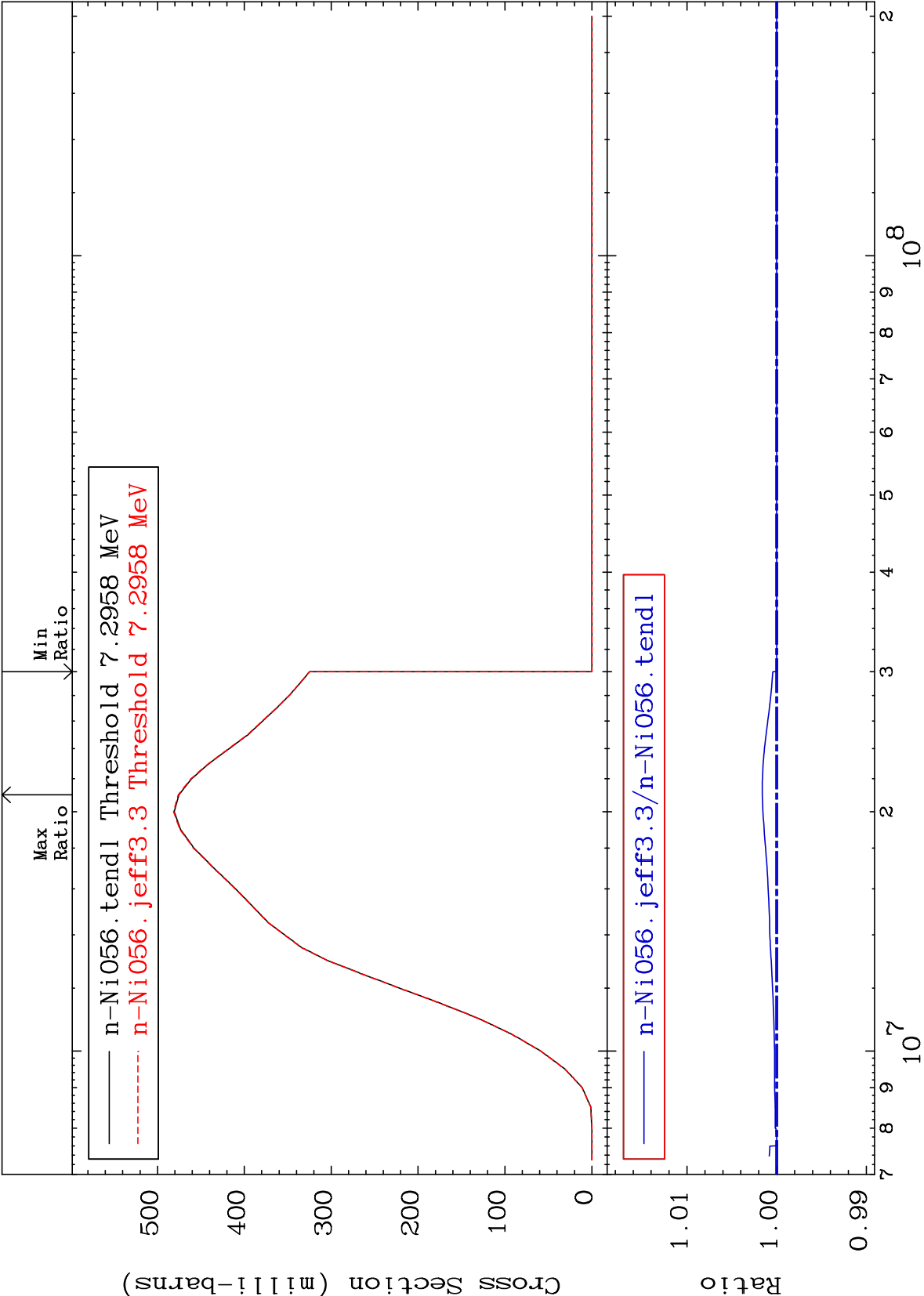
MAT 2819

28-Ni-56

(n,n') p

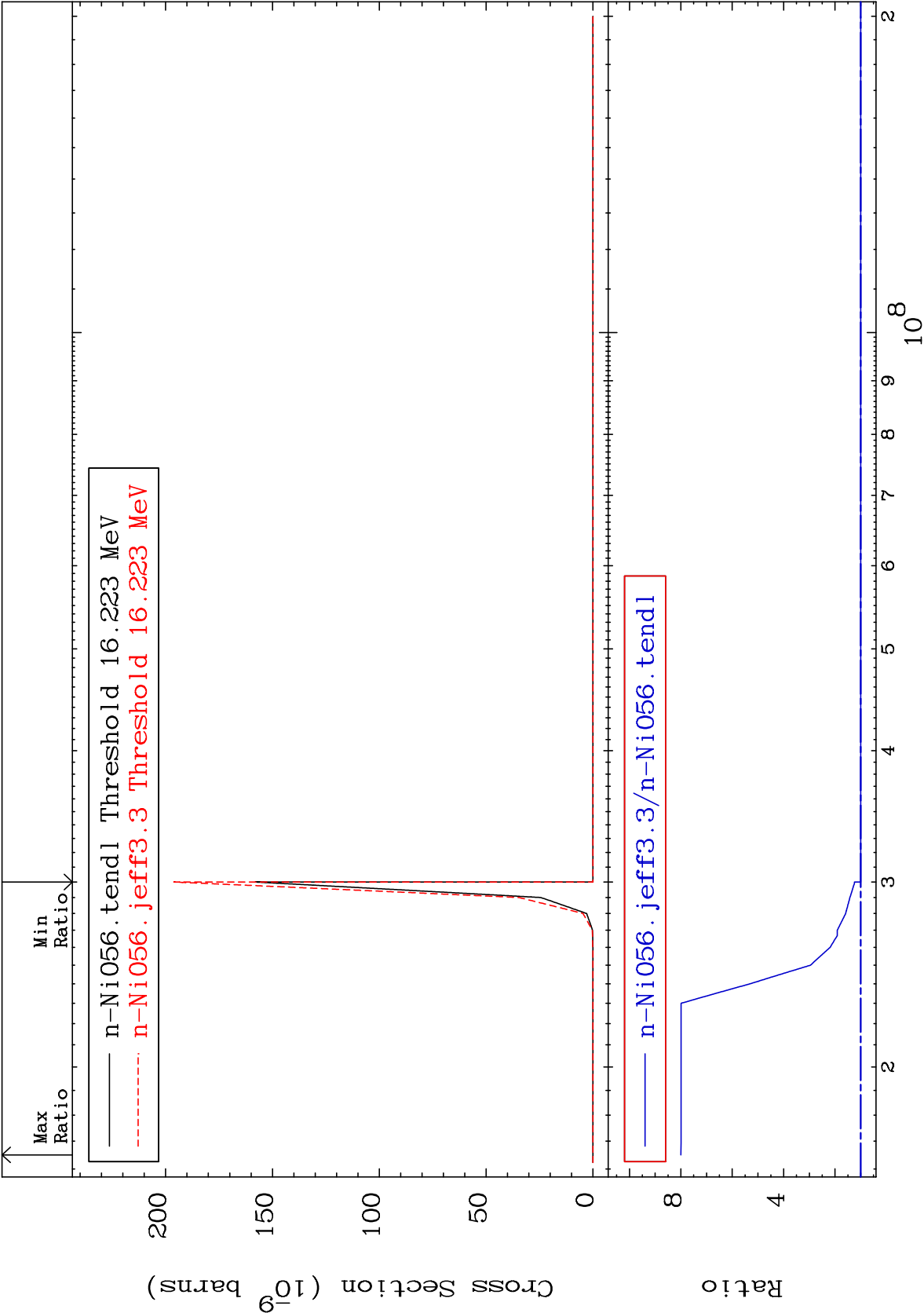
Cross Section

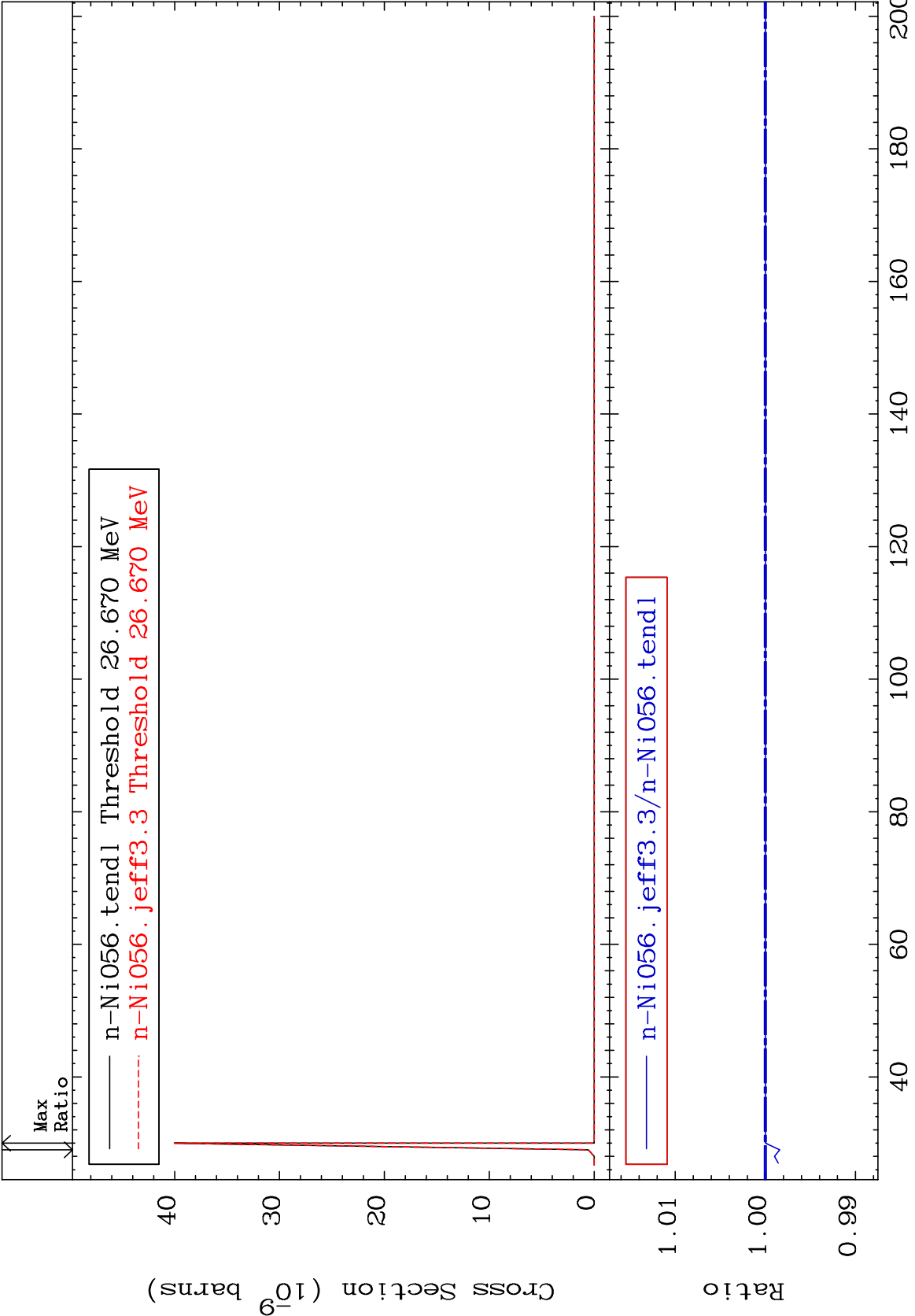
0.000 To 0.161 %

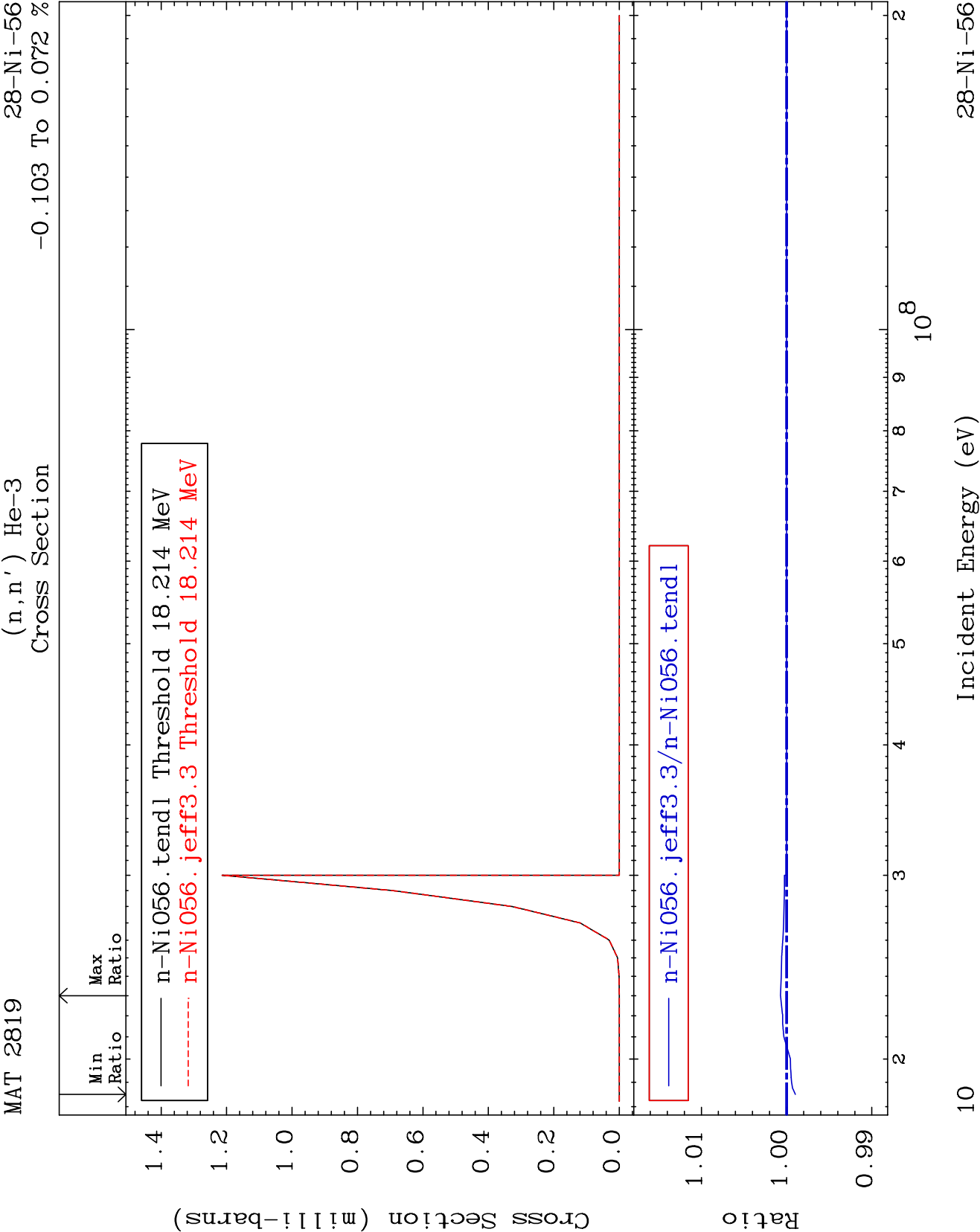


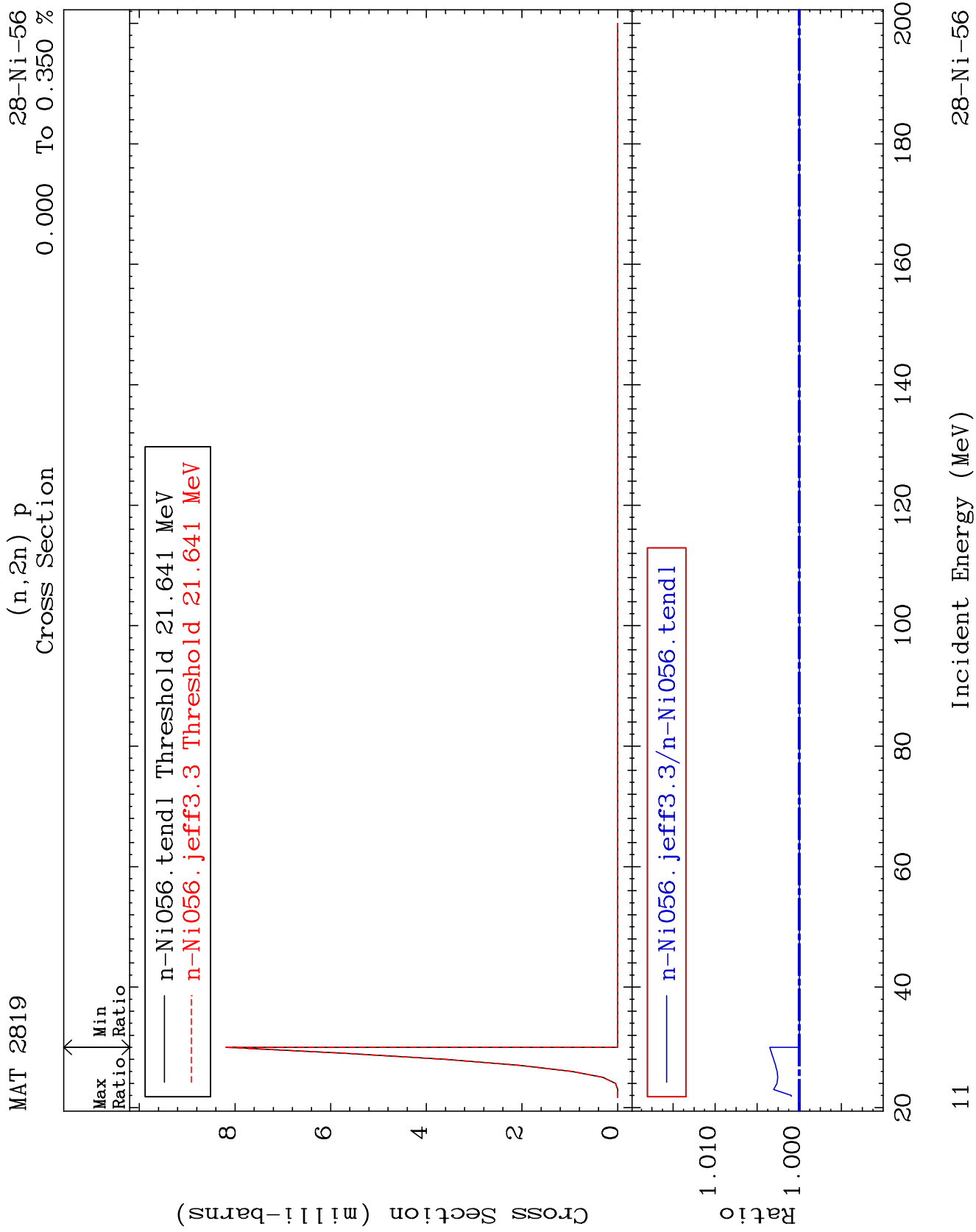
Incident Energy (eV)

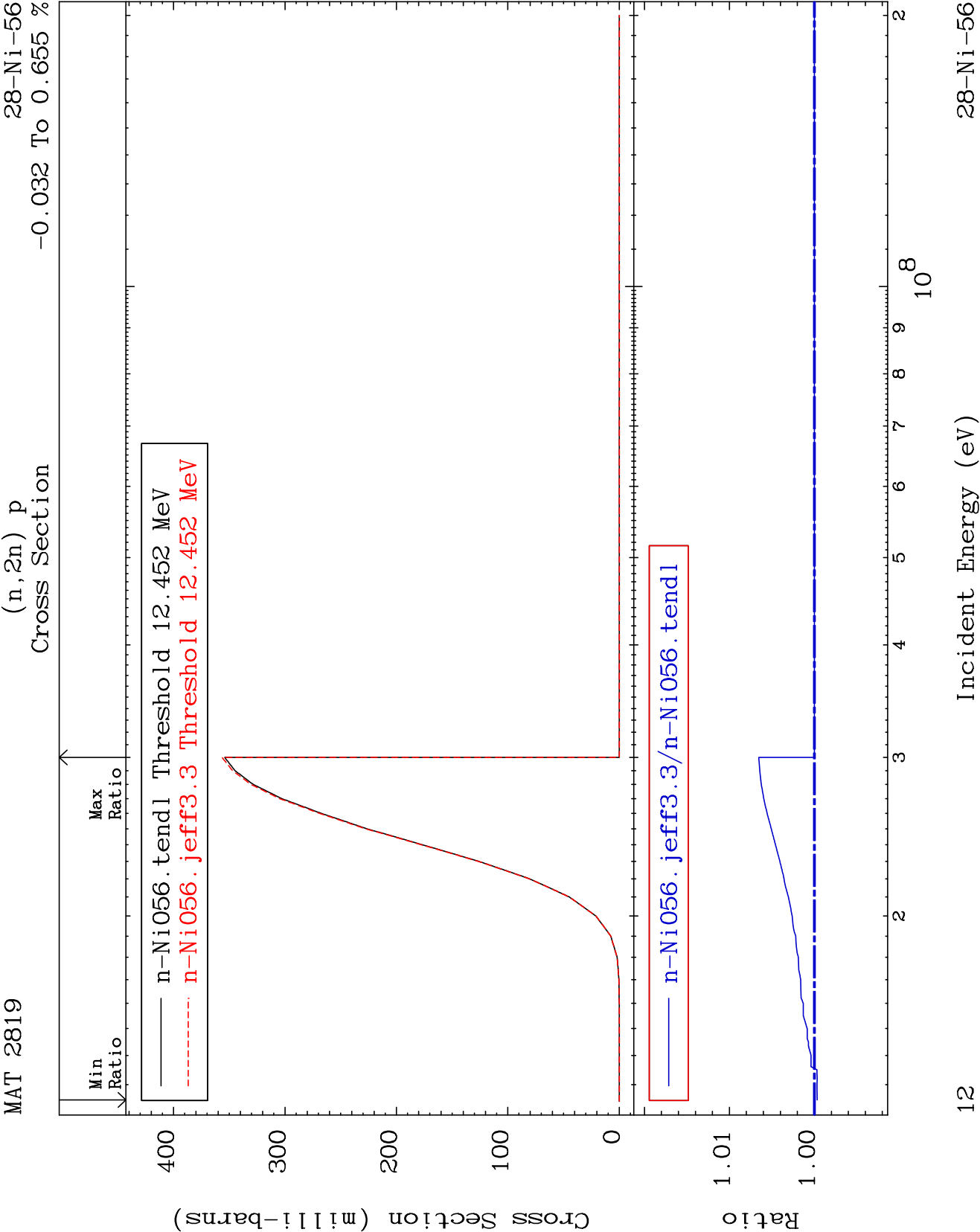
28-Ni-56

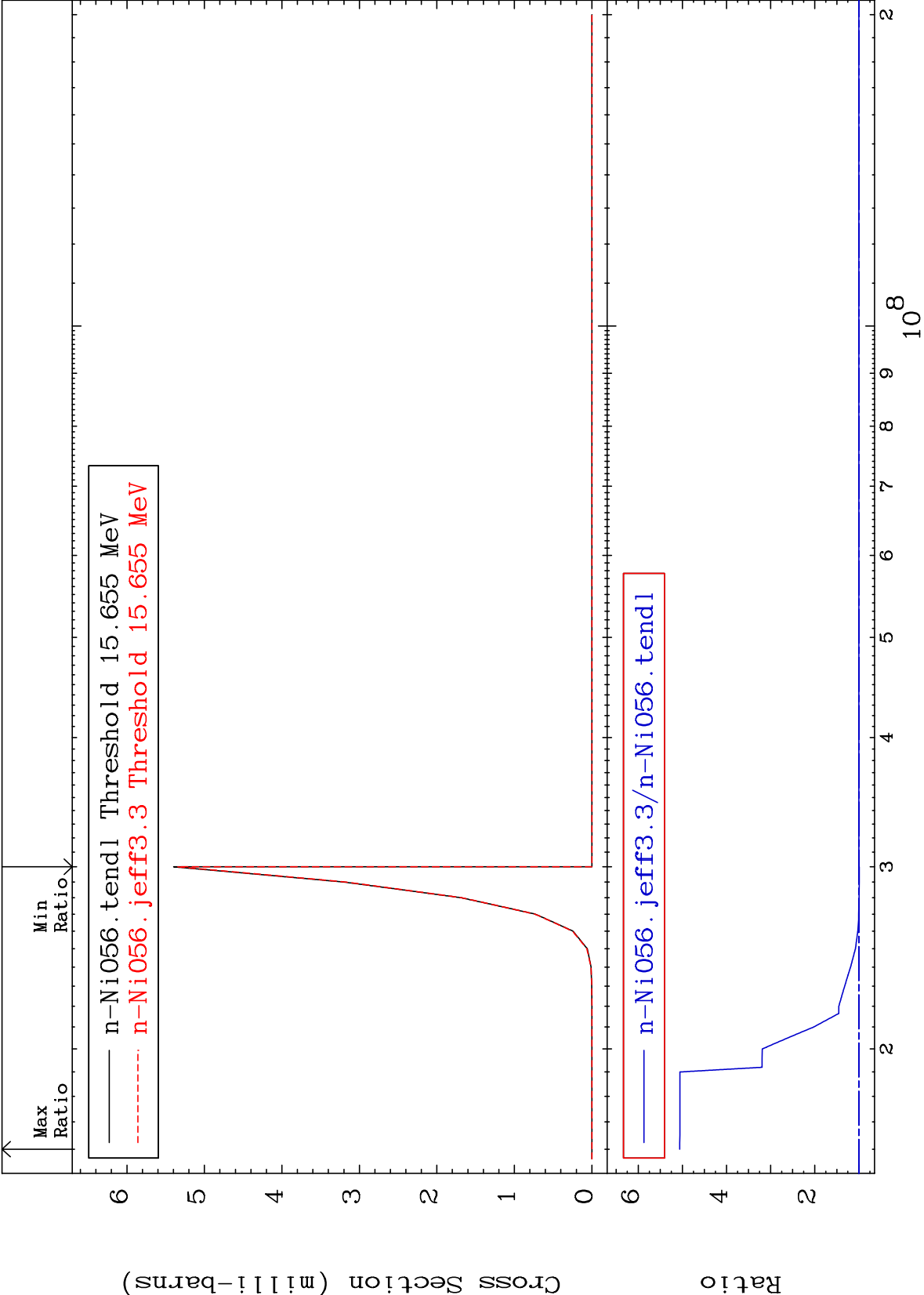


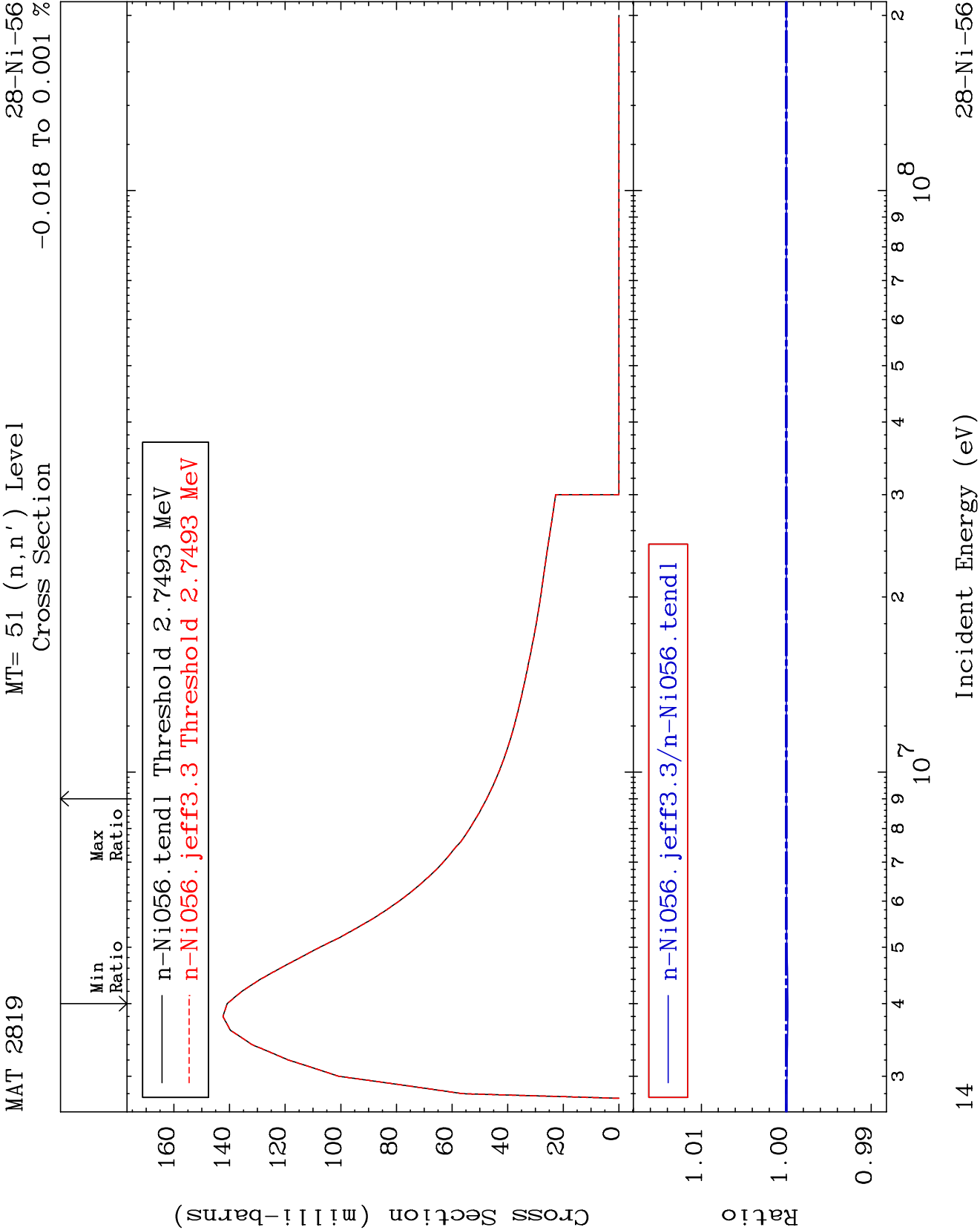








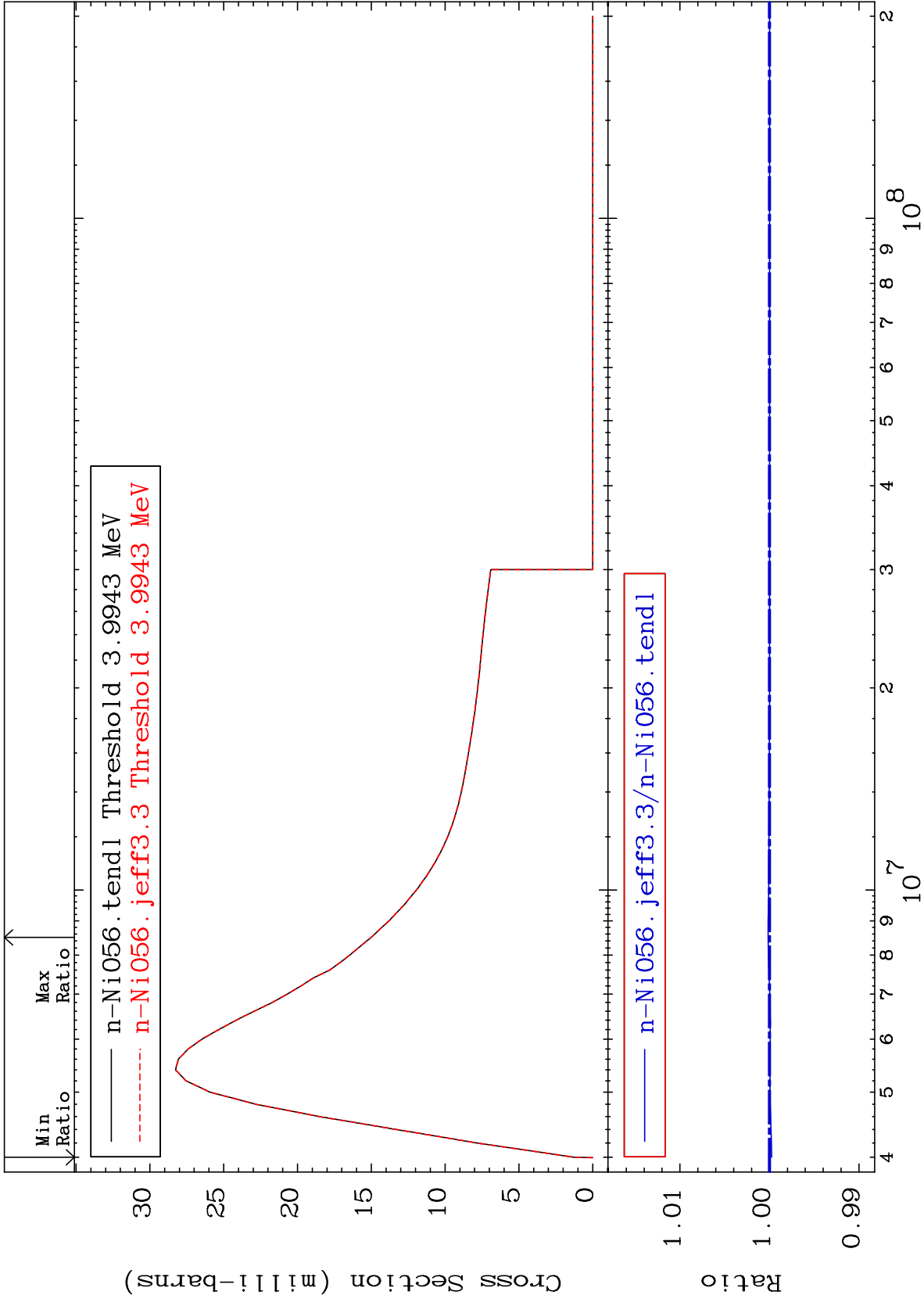




MAT 2819

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

28-Ni-56
-0.025 To 0.016 %



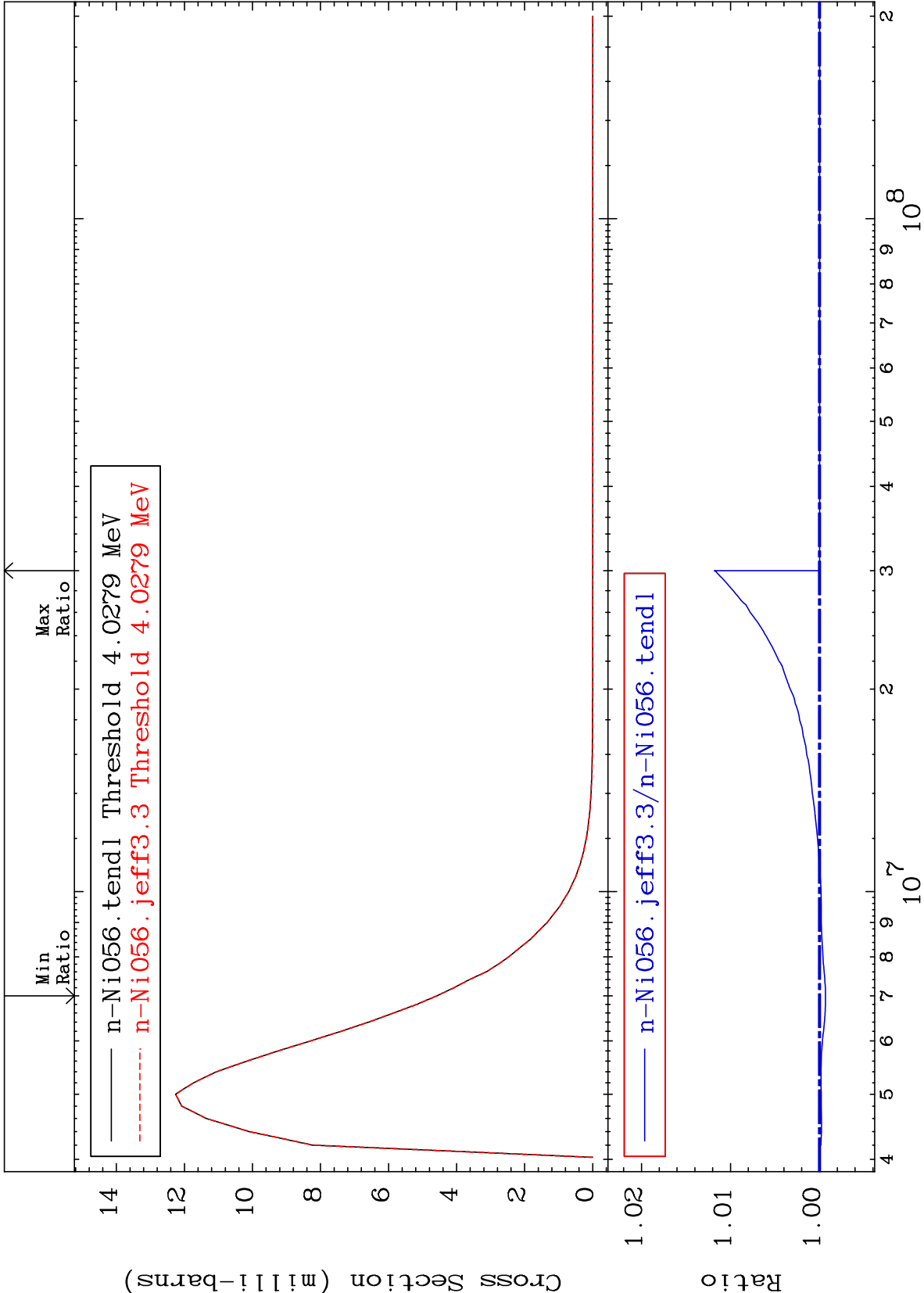
MAT 2819

MT= 53 (n,n') Level

28-Ni-56

-0.067 To 1.182 %

Cross Section



16

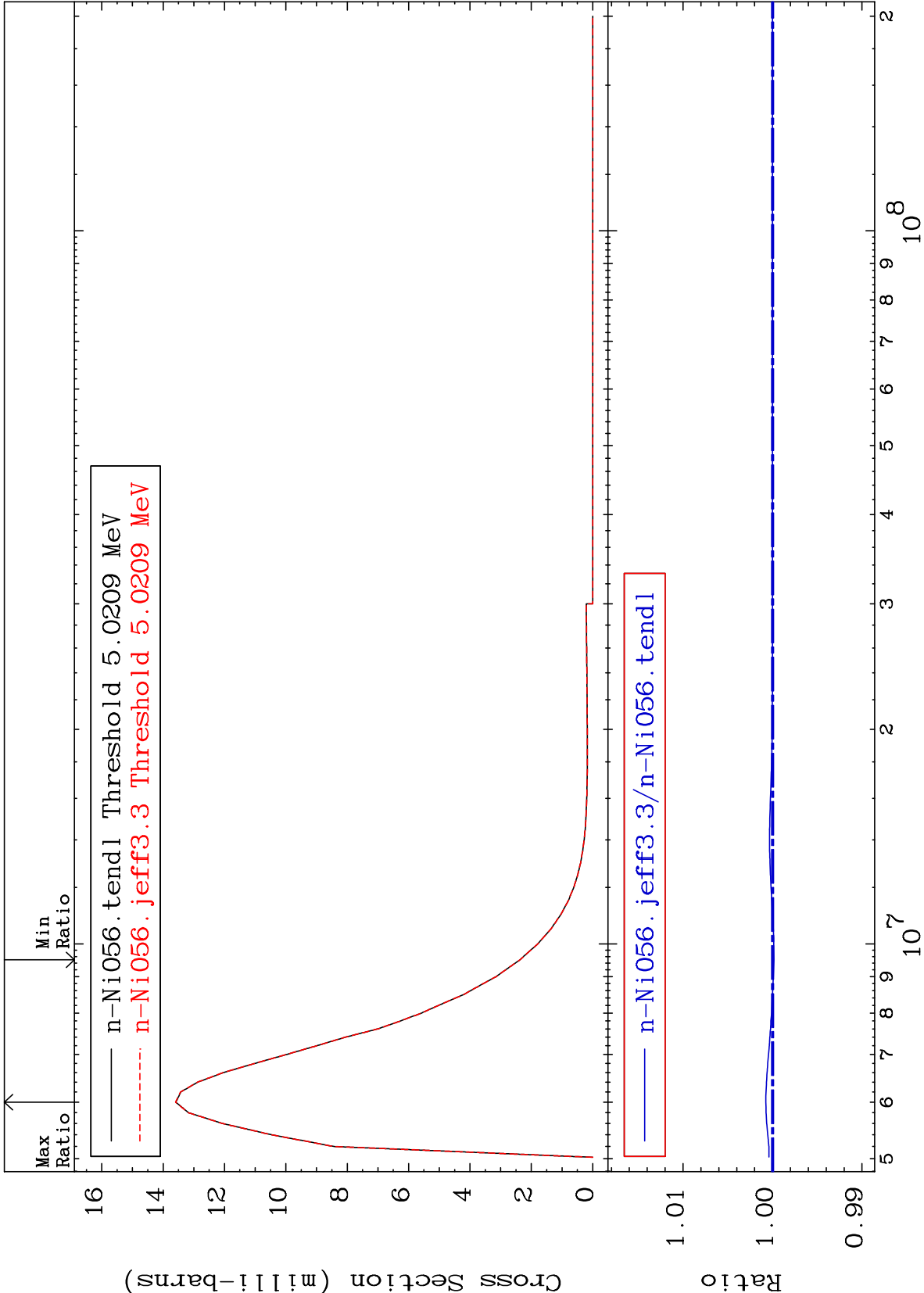
Incident Energy (eV)

28-Ni-56

MAT 2819

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

28-Ni-56
-0.016 To 0.074 %



17

Incident Energy (eV)

28-Ni-56

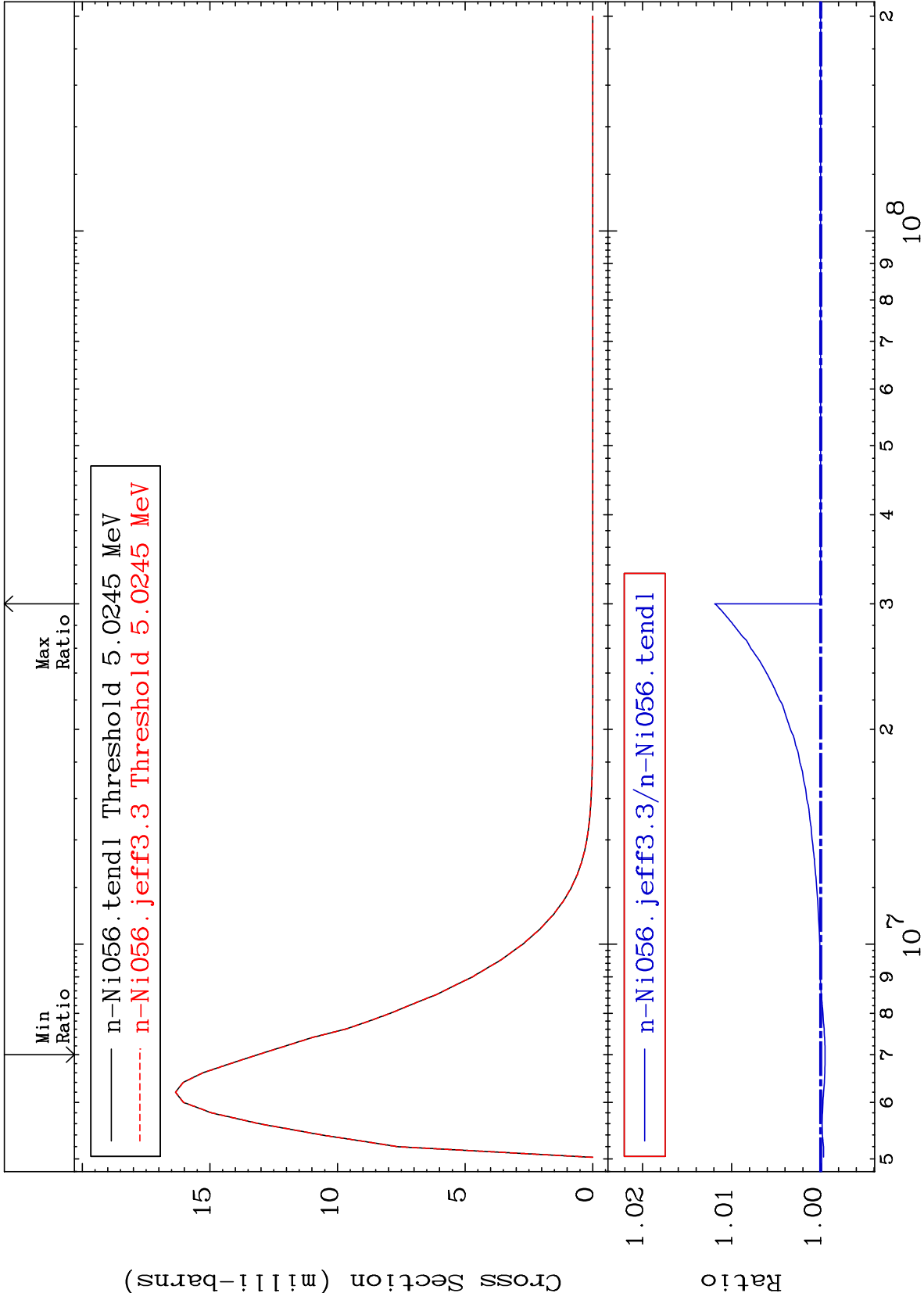
MAT 2819

MT= 55 (n,n') Level

28-Ni-56

-0.049 To 1.190 %

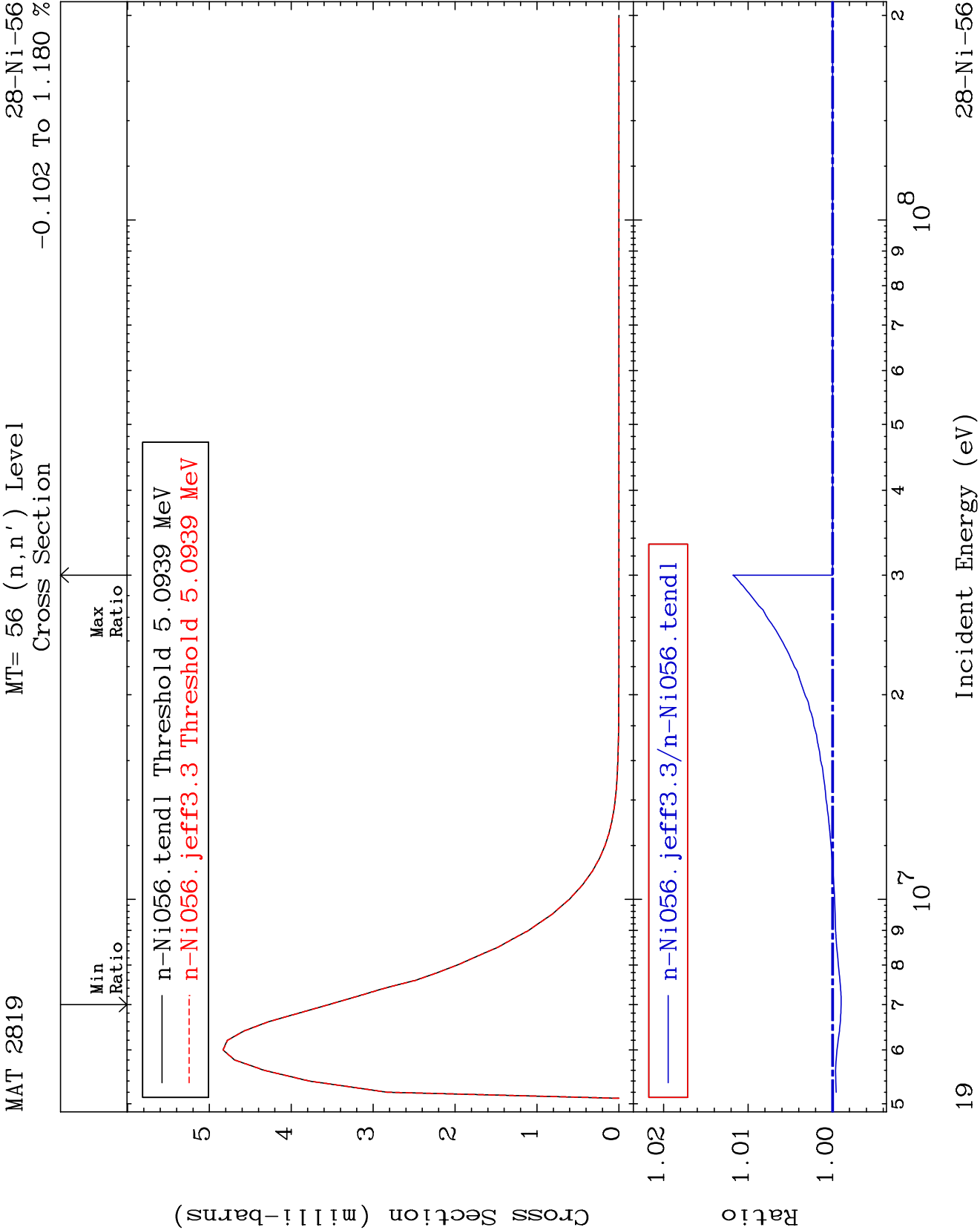
Cross Section

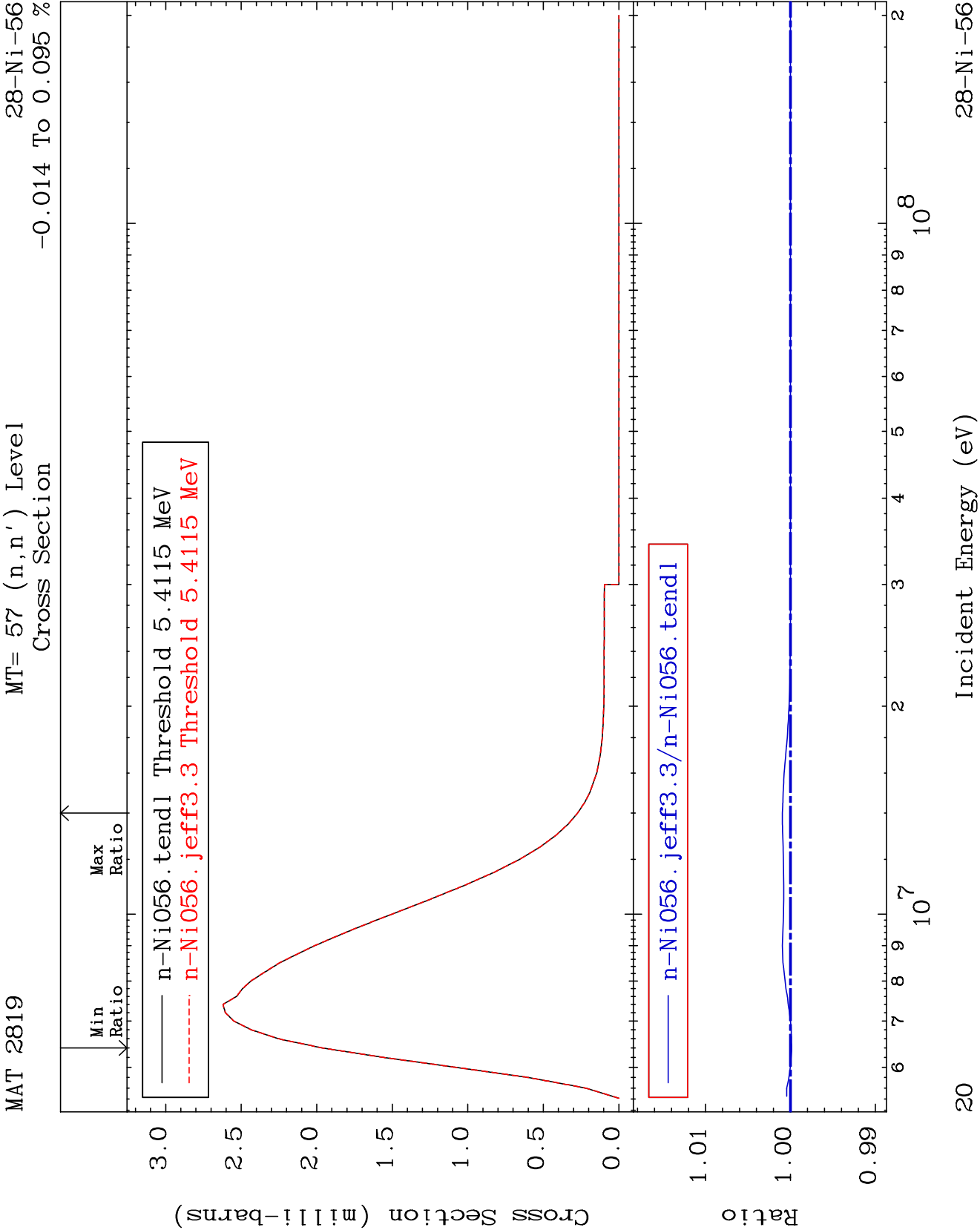


18

Incident Energy (eV)

28-Ni-56

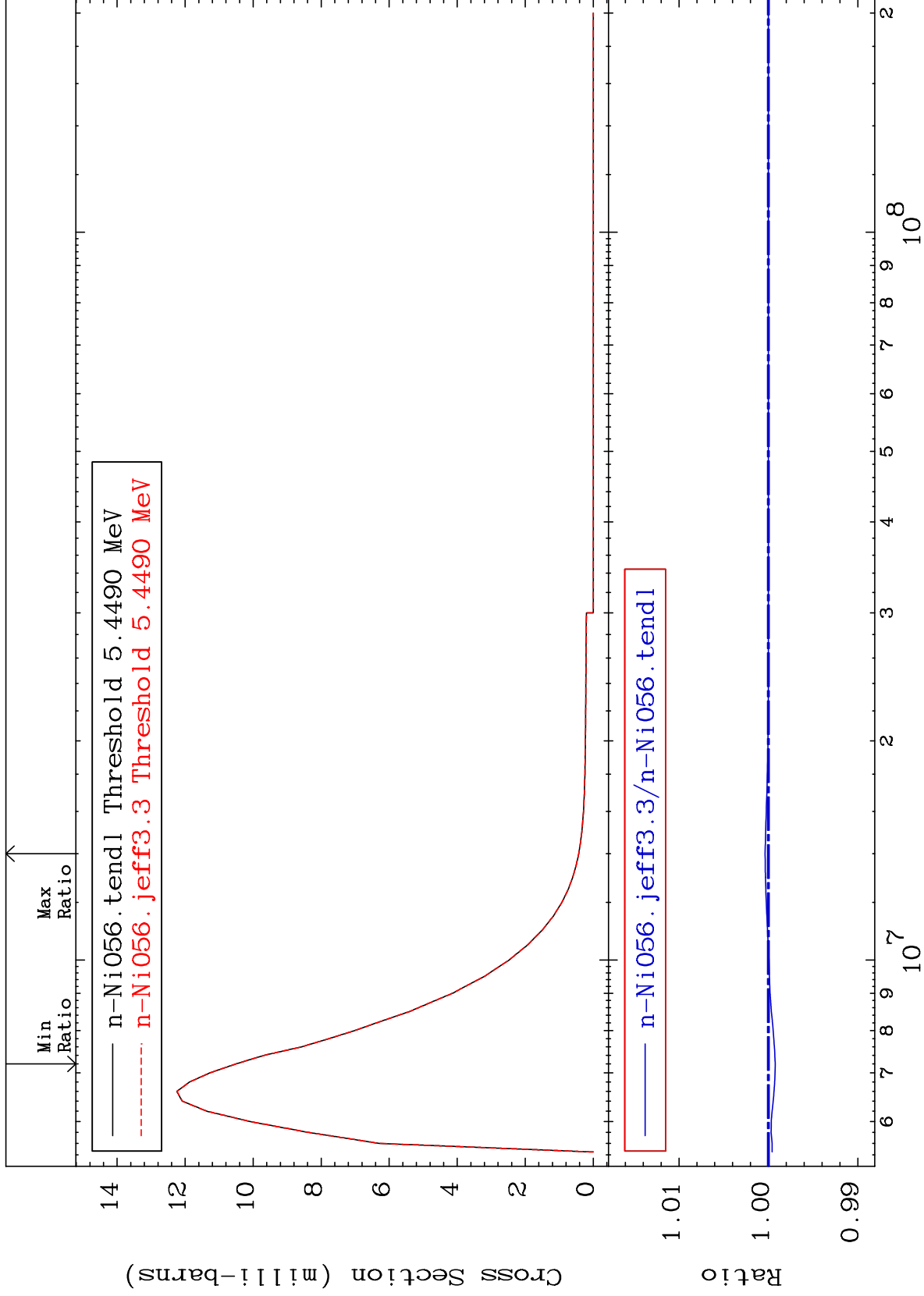




MAT 2819

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

28-Ni-56
-0.076 To 0.037 %



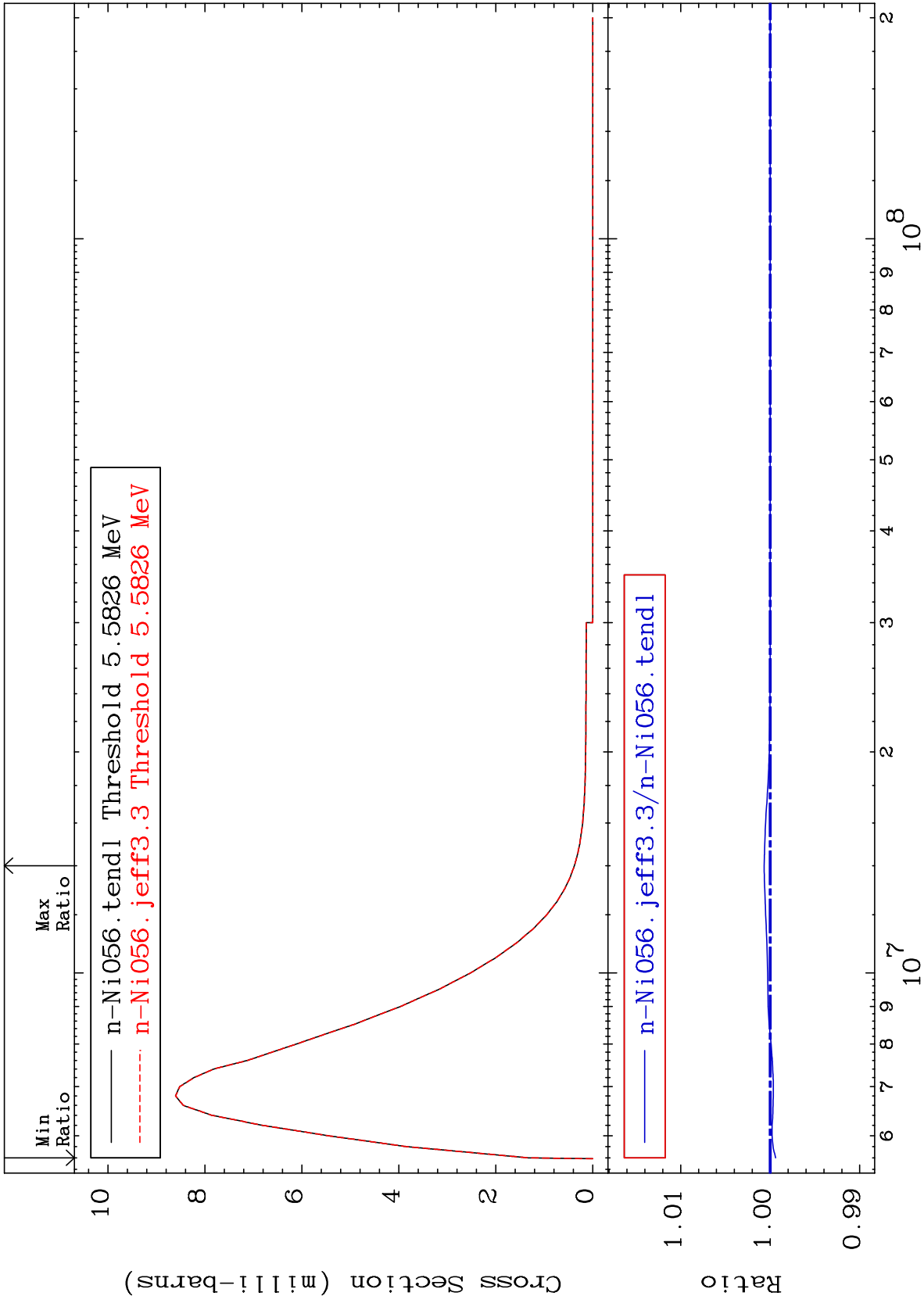
MAT 2819

MT= 59 (n,n') Level

28-Ni-56

-0.061 To 0.068 %

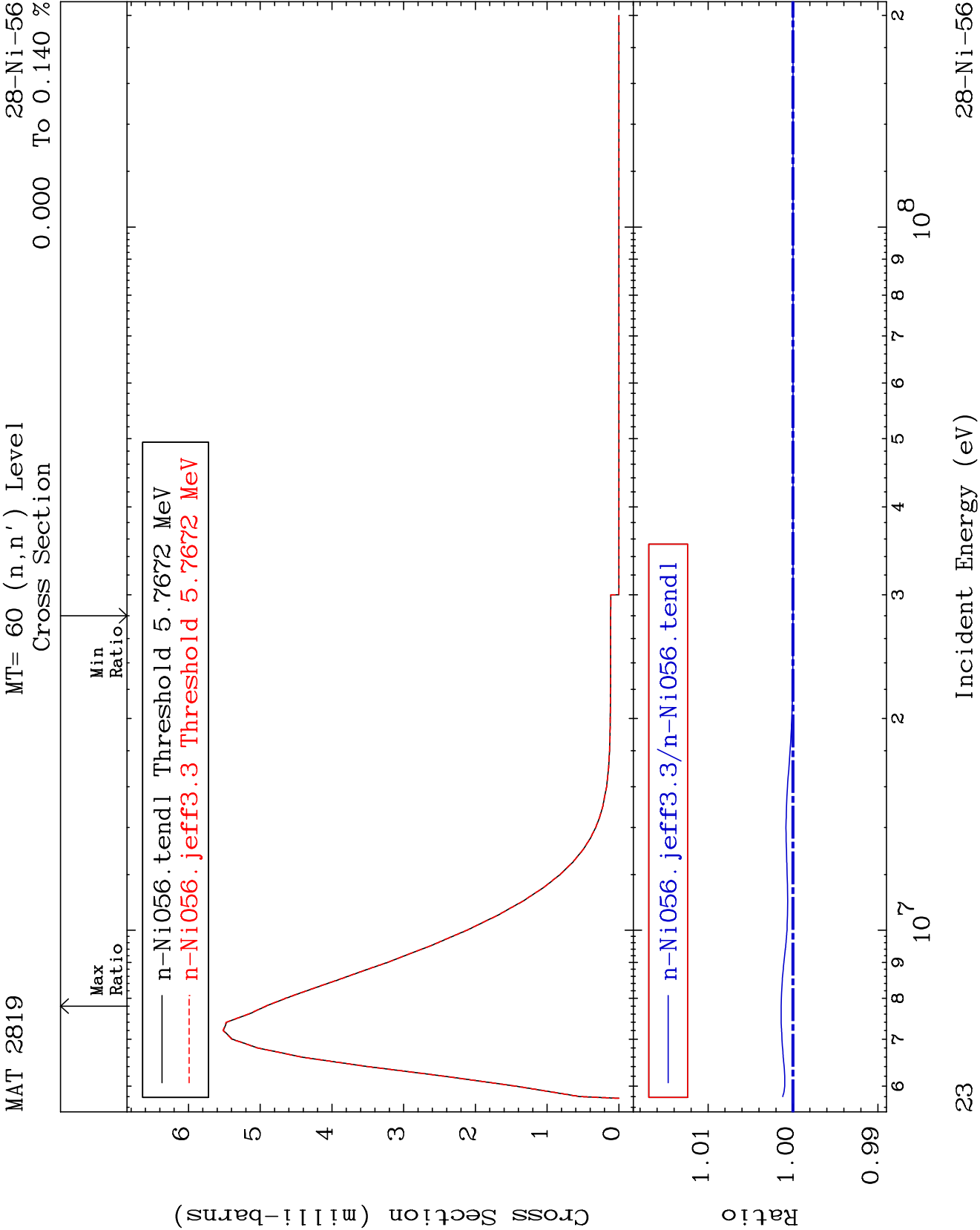
Cross Section



22

Incident Energy (eV)

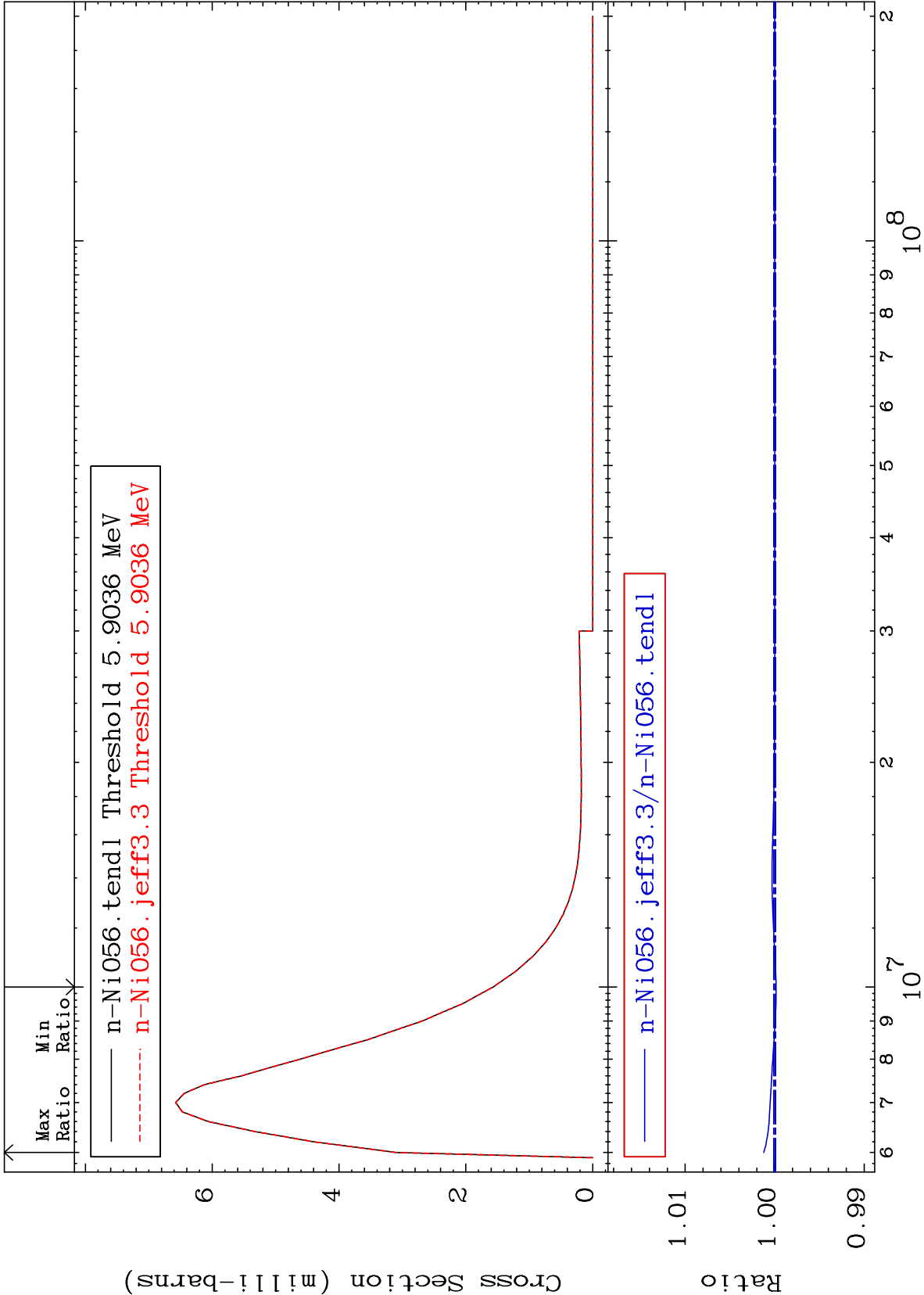
28-Ni-56



MAT 2819

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

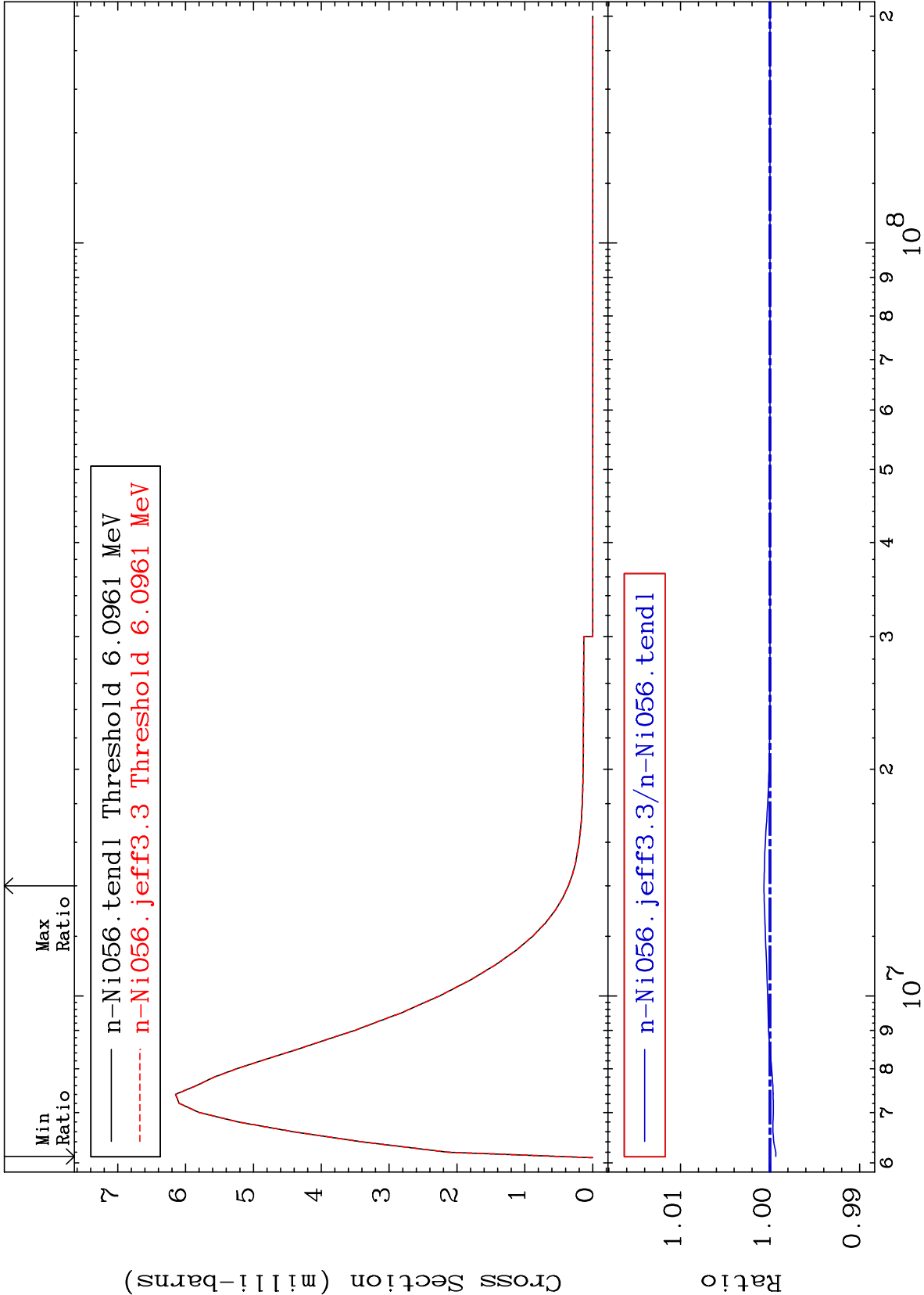
28-Ni-56
-0.015 To 0.123 %



MAT 2819

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

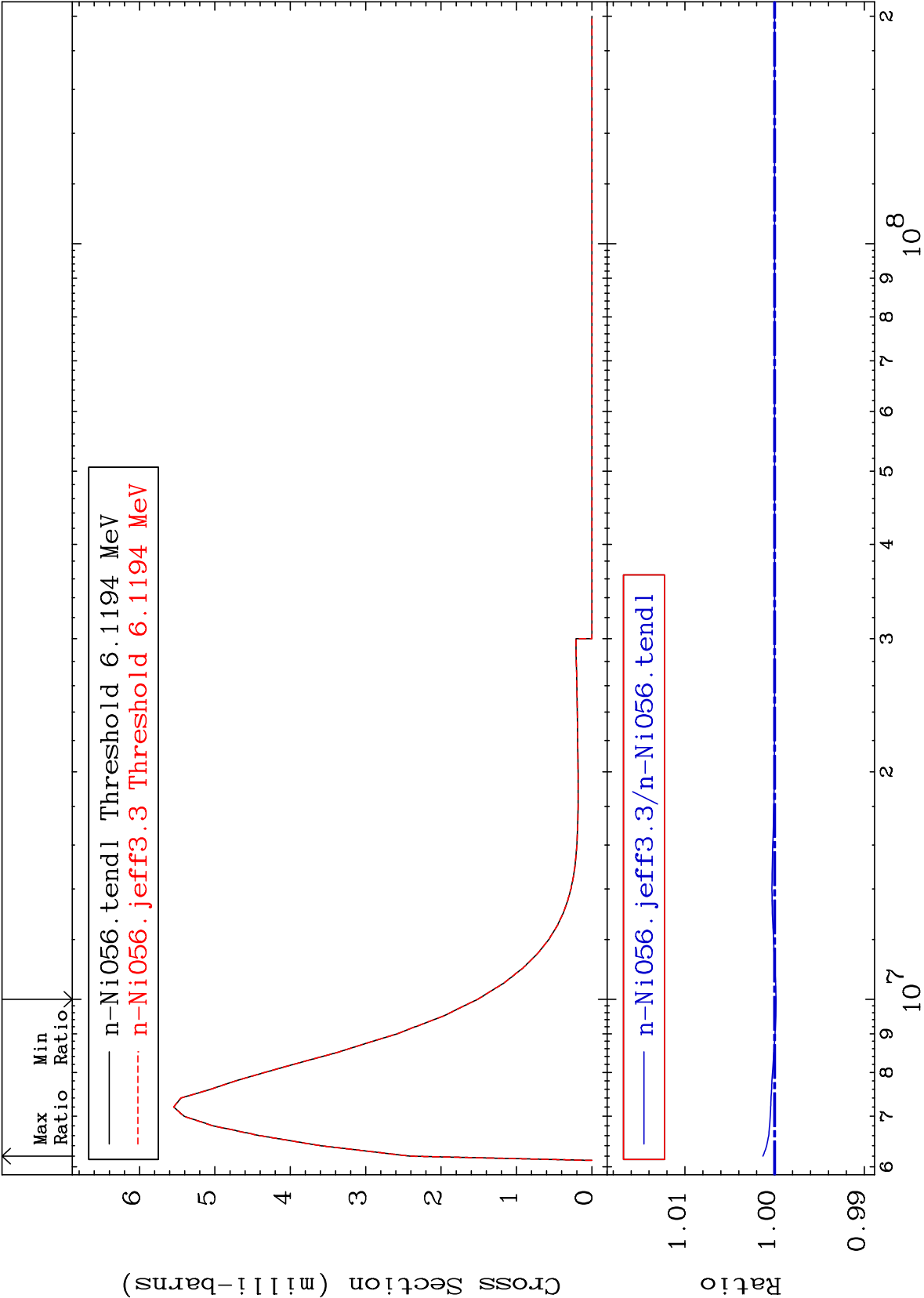
28-Ni-56
-0.066 To 0.068 %



MAT 2819

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

28-Ni-56
-0.016 To 0.130 %



26

Incident Energy (eV)

28-Ni-56

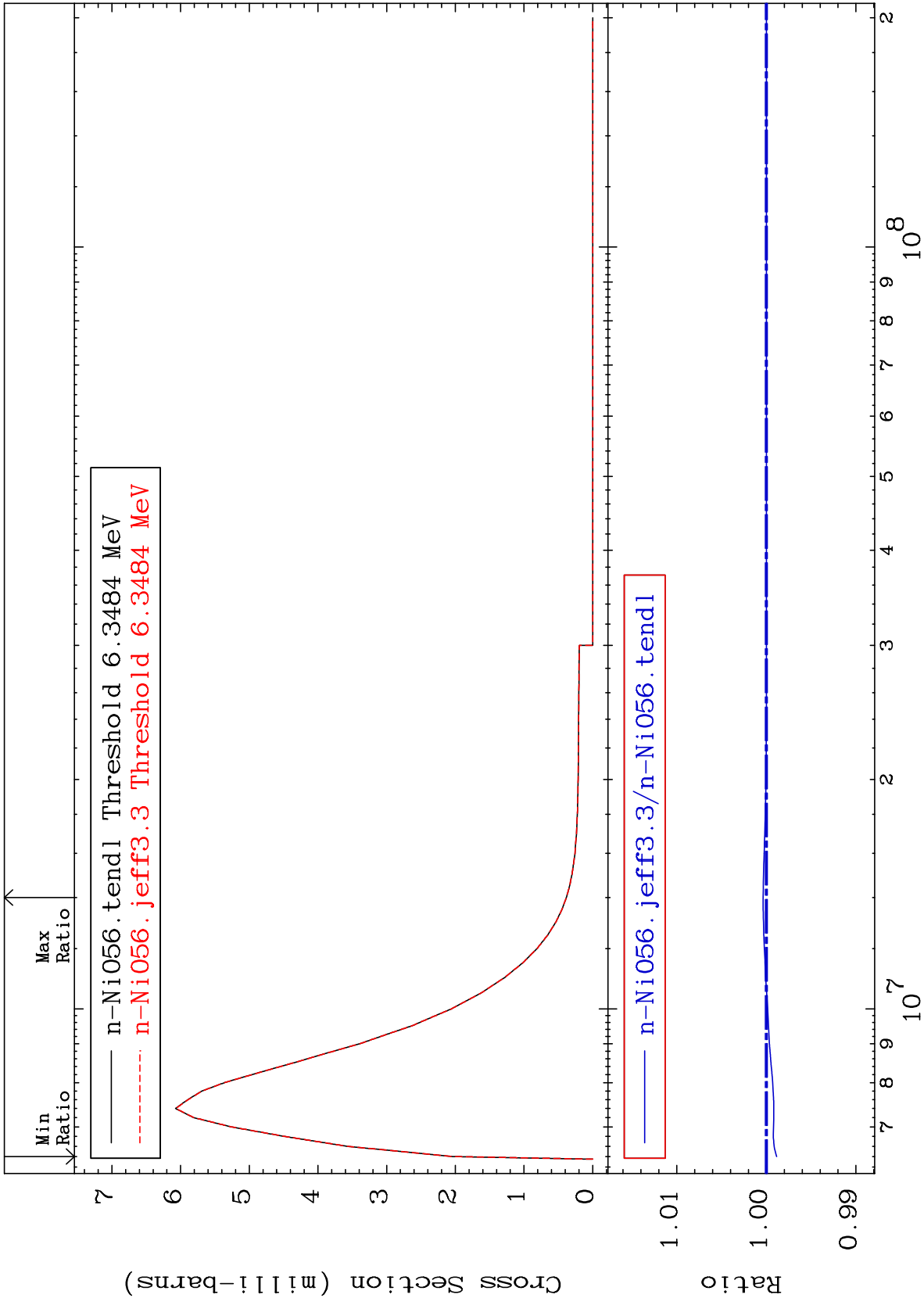
MAT 2819

MT= 64 (n,n') Level

28-Ni-56

-0.116 To 0.037 %

Cross Section



27

Incident Energy (eV)

28-Ni-56

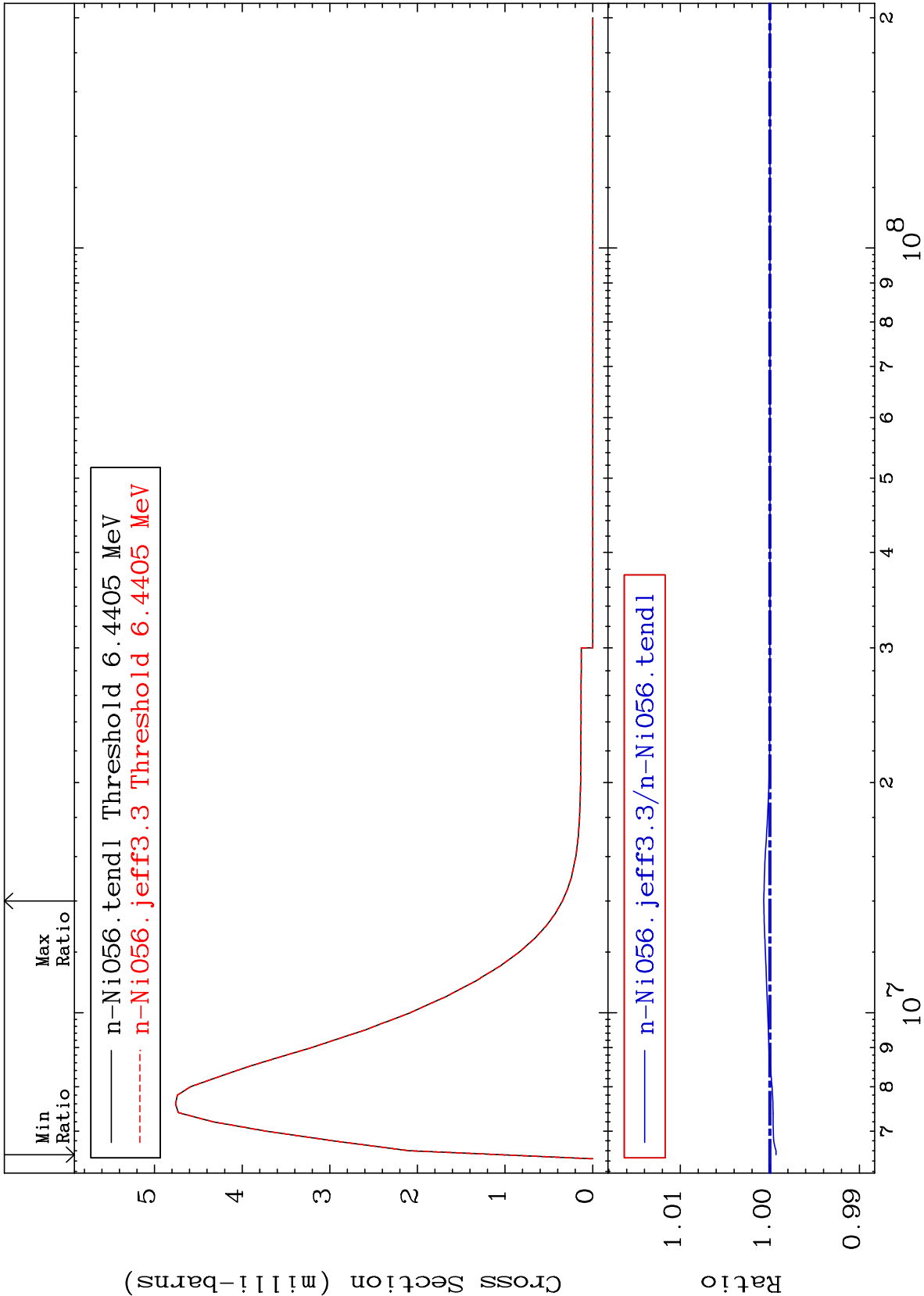
MAT 2819

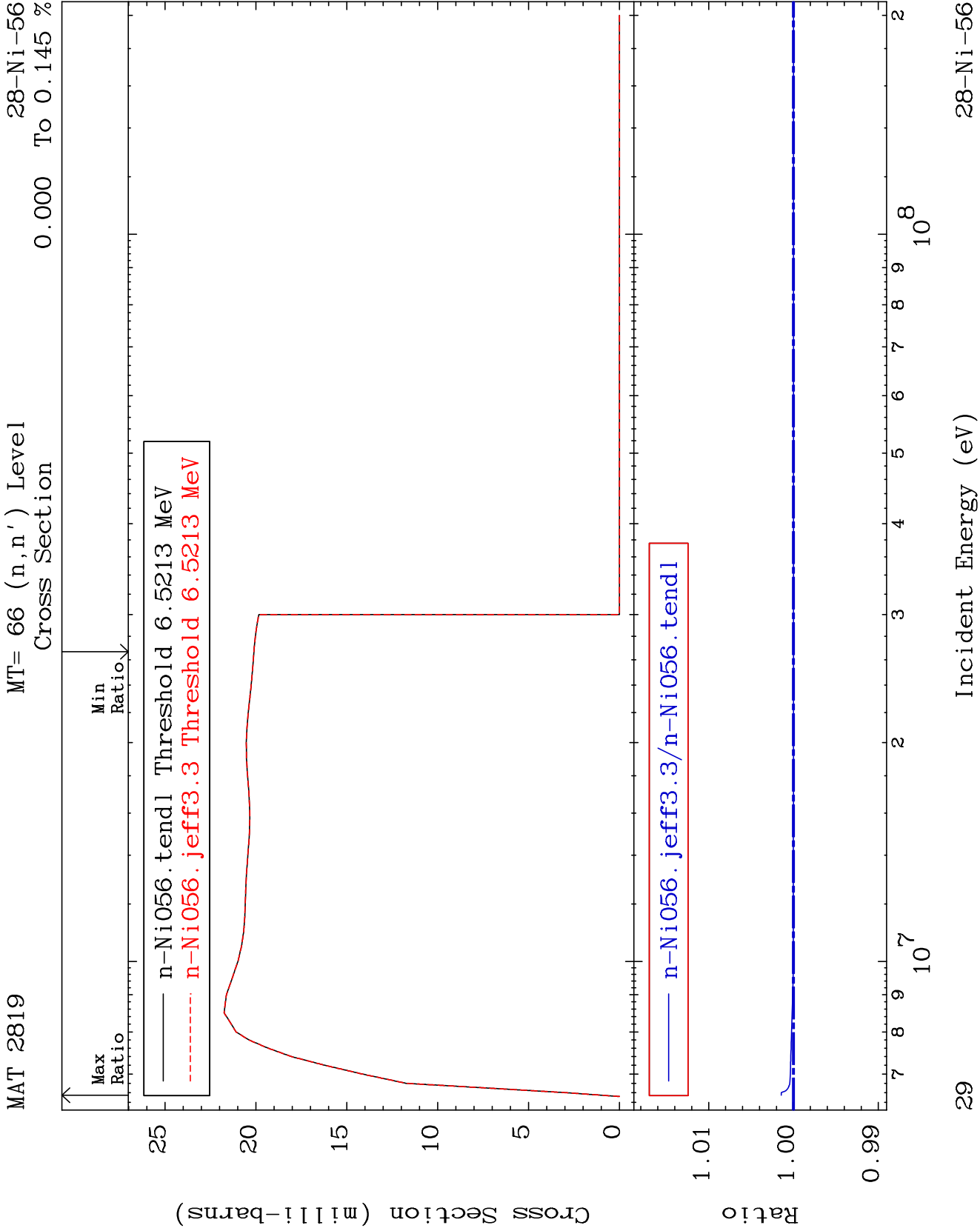
MT= 65 (n,n') Level

28-Ni-56

-0.069 To 0.069 %

Cross Section

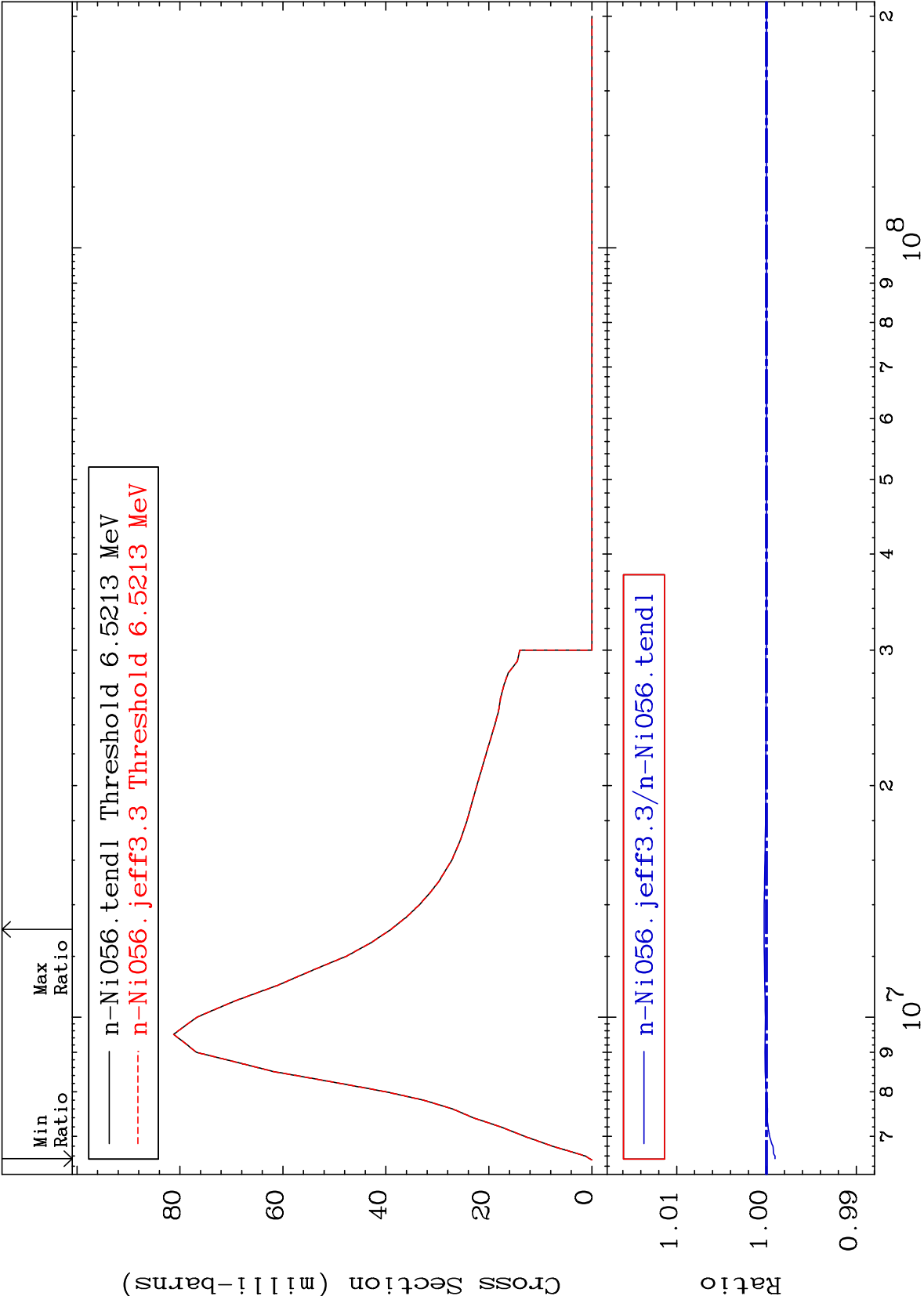


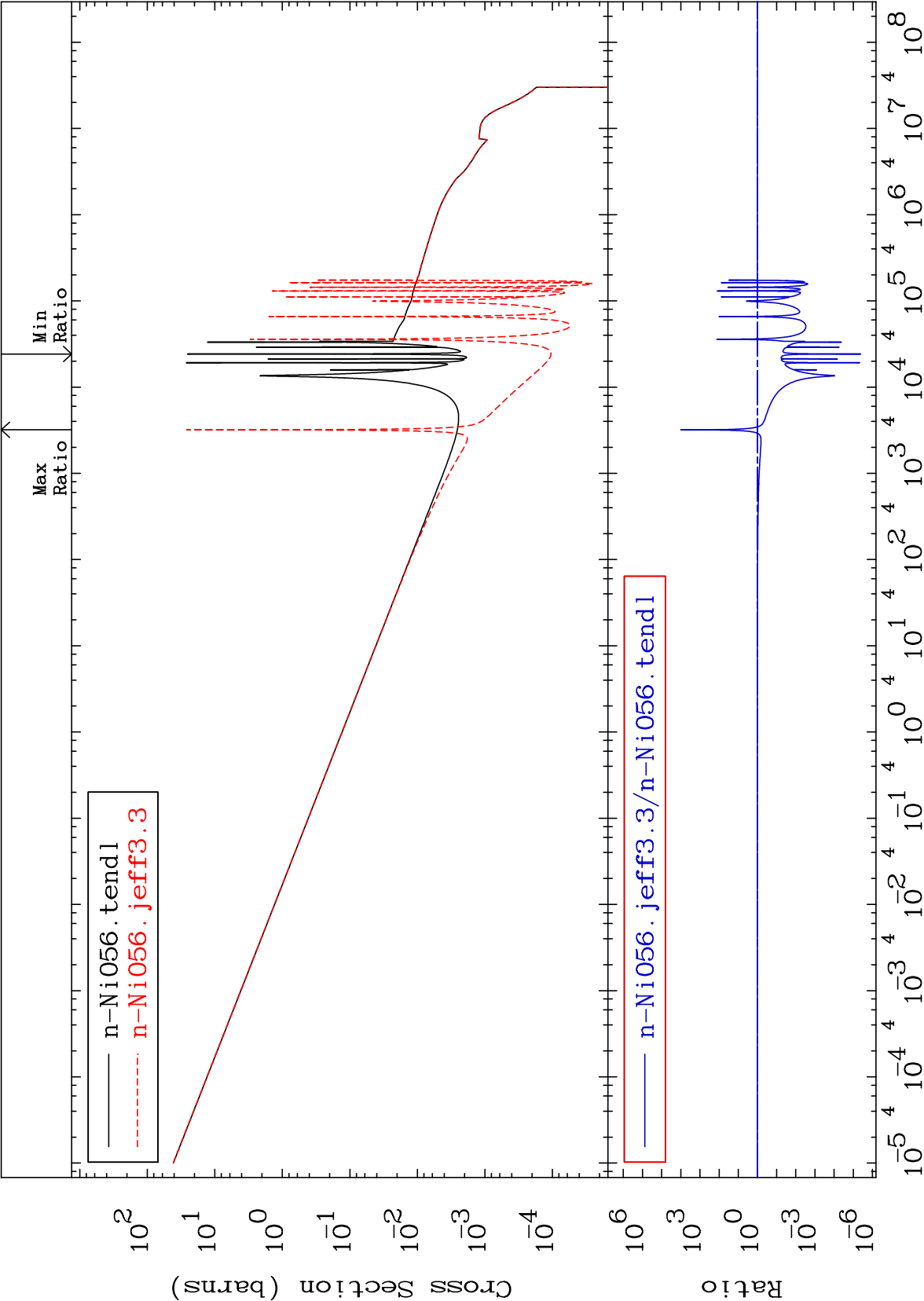


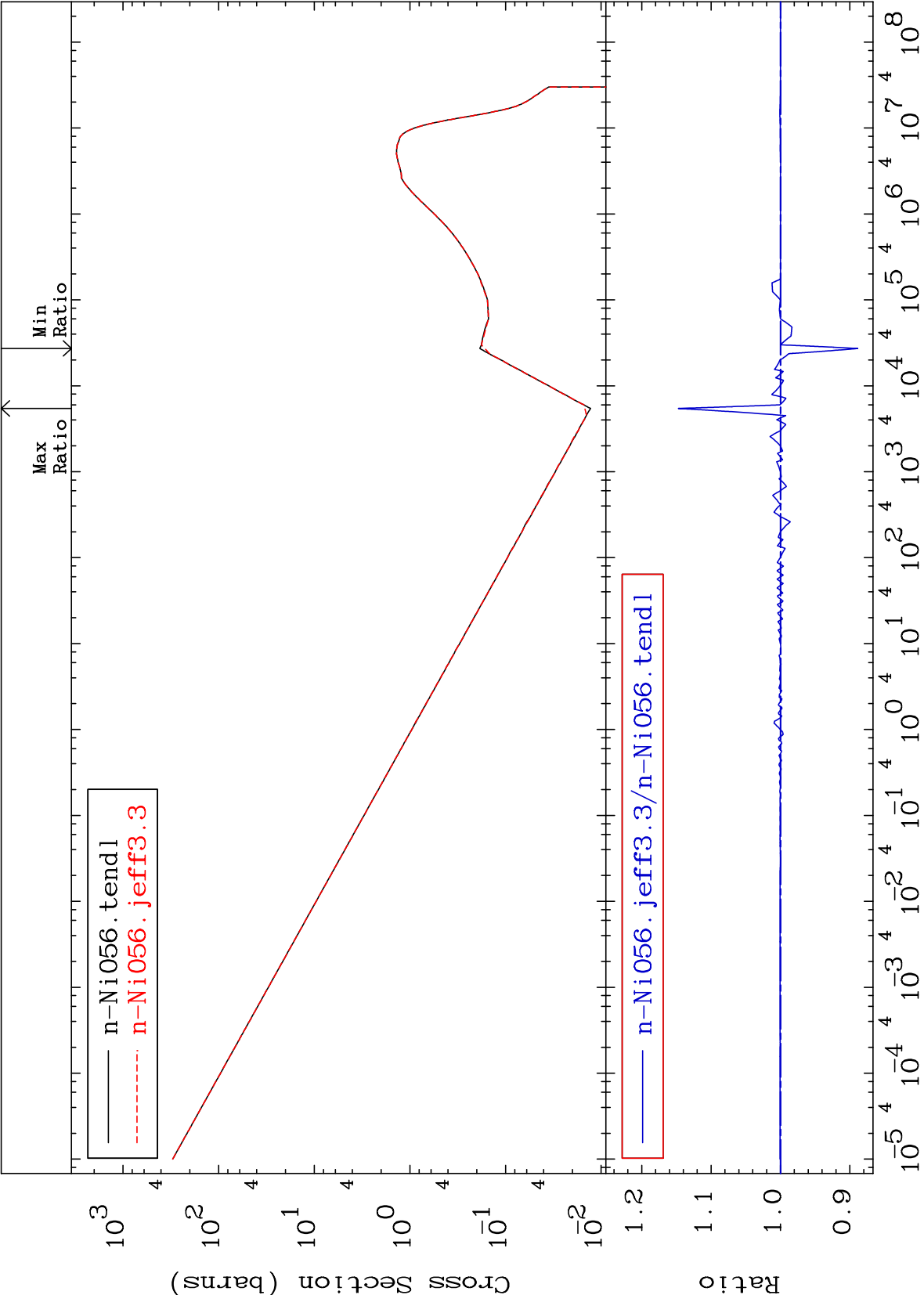
MAT 2819

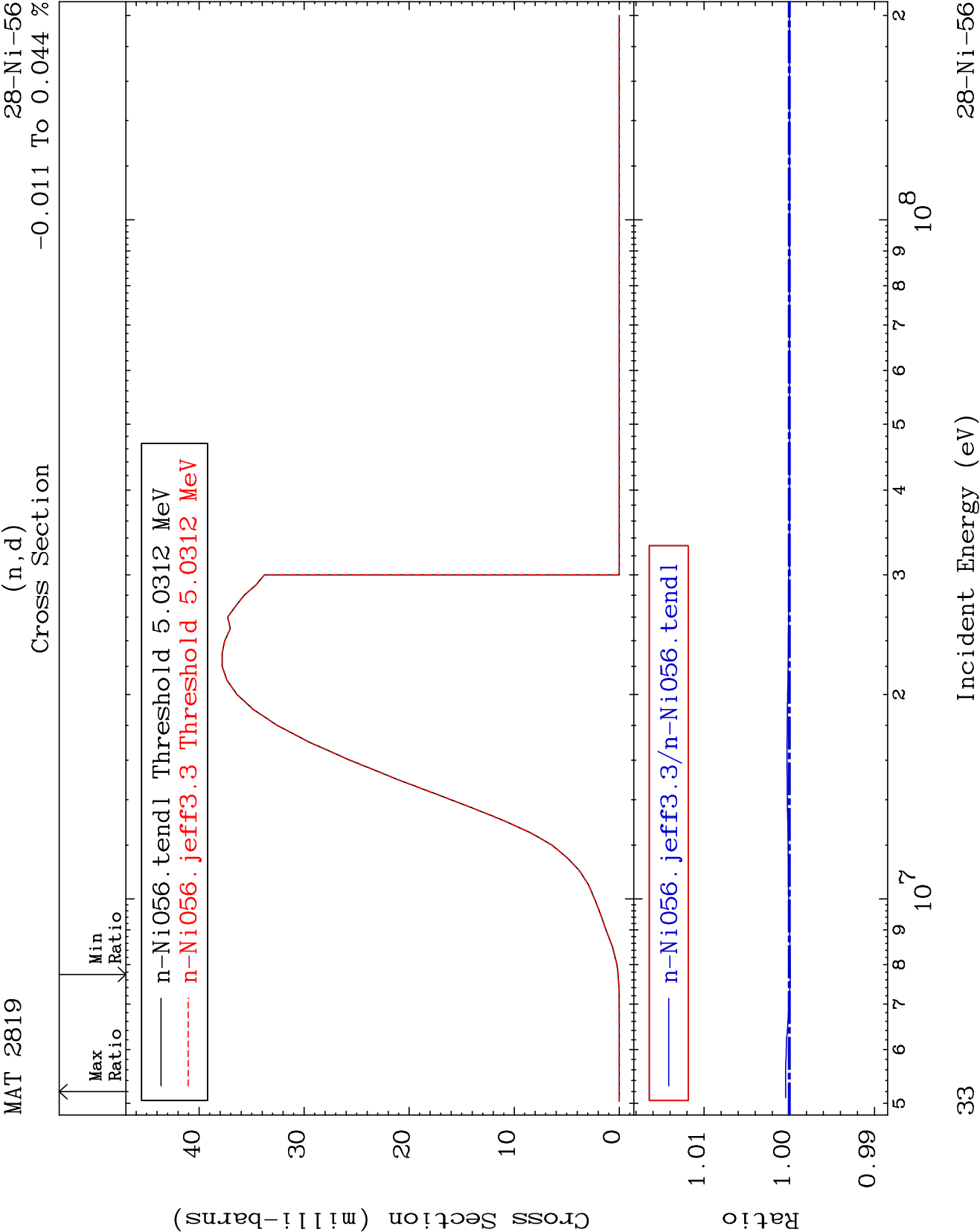
(n,n') Continuum
Cross Section

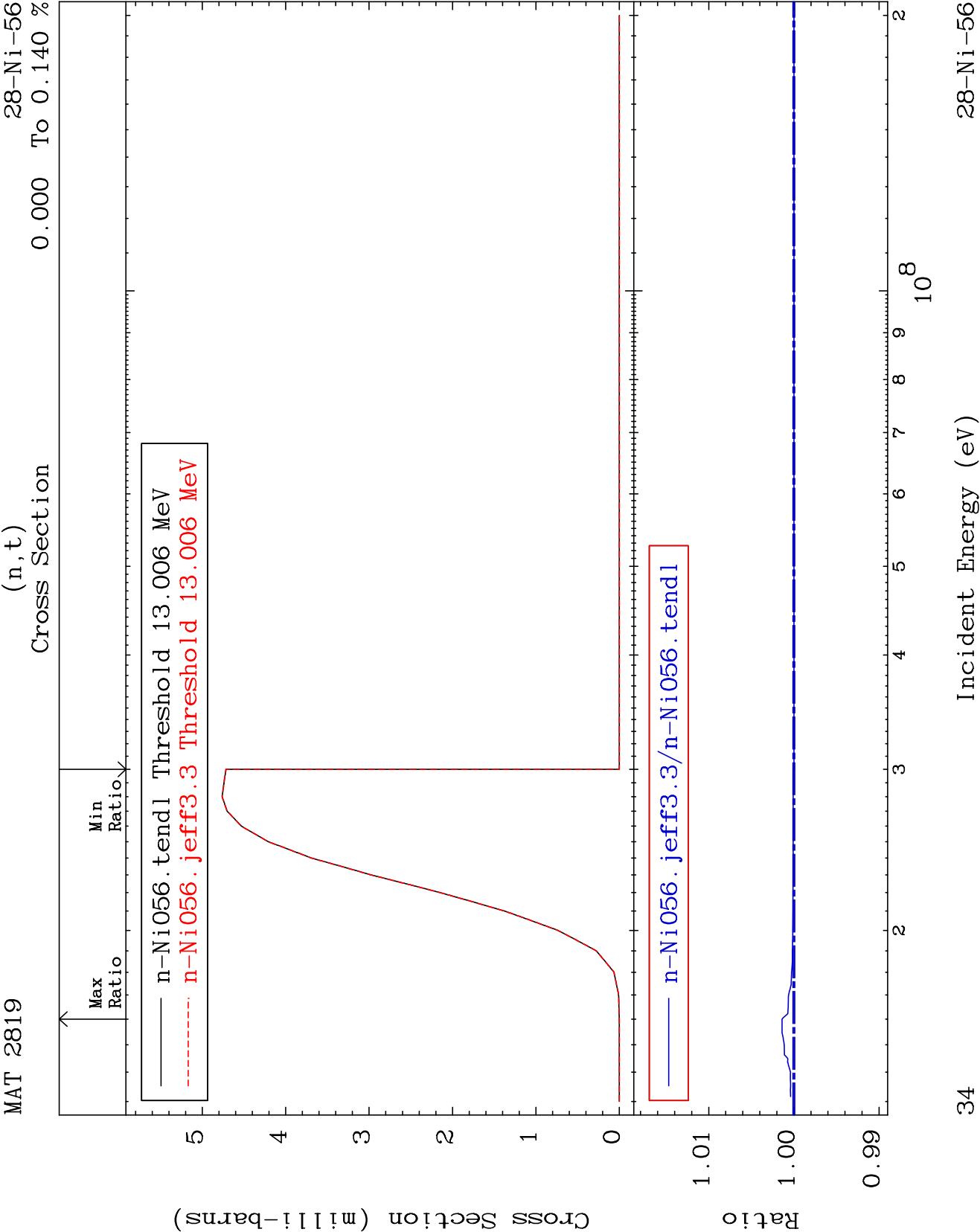
28-Ni-56
-0.094 To 0.026 %





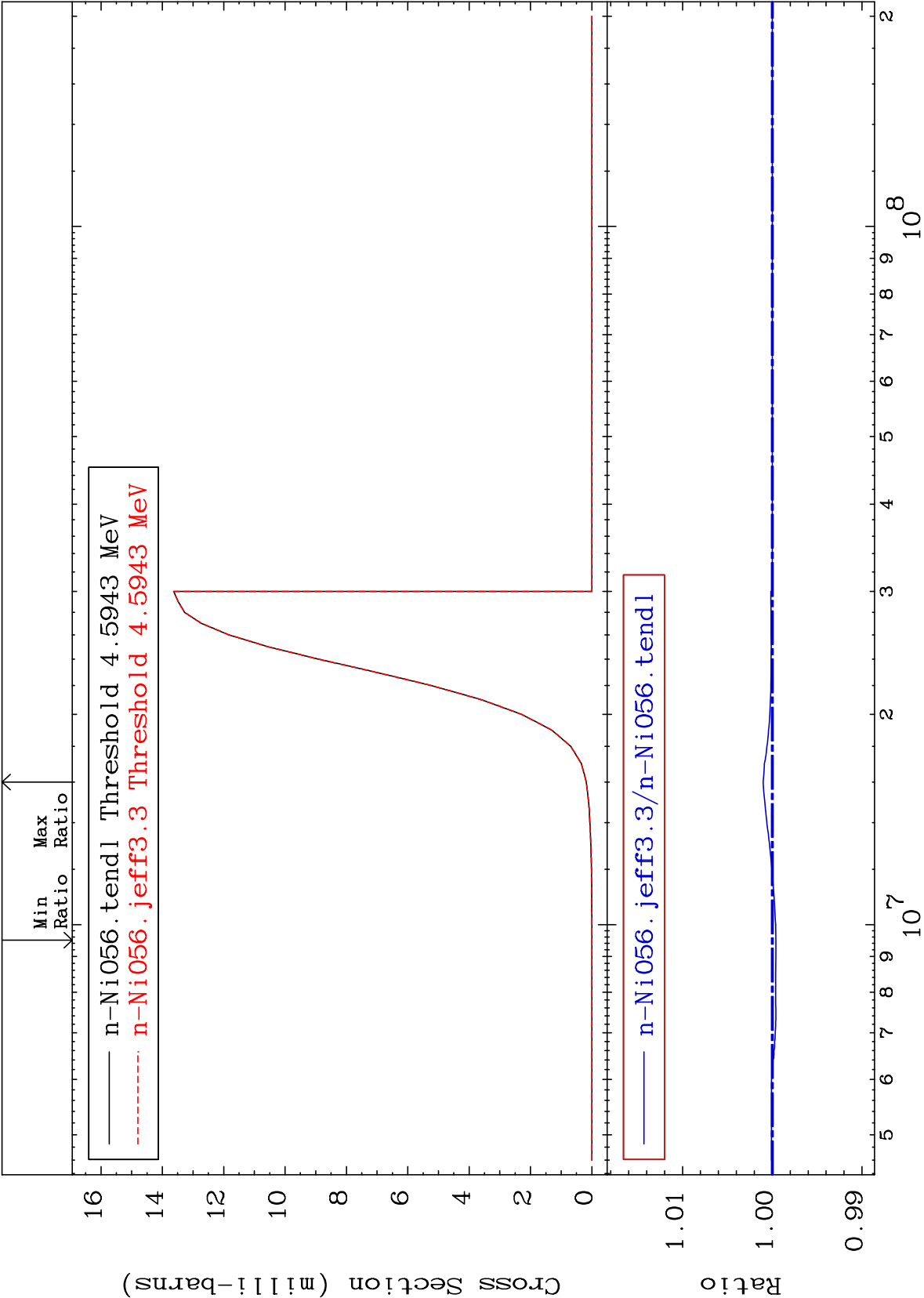






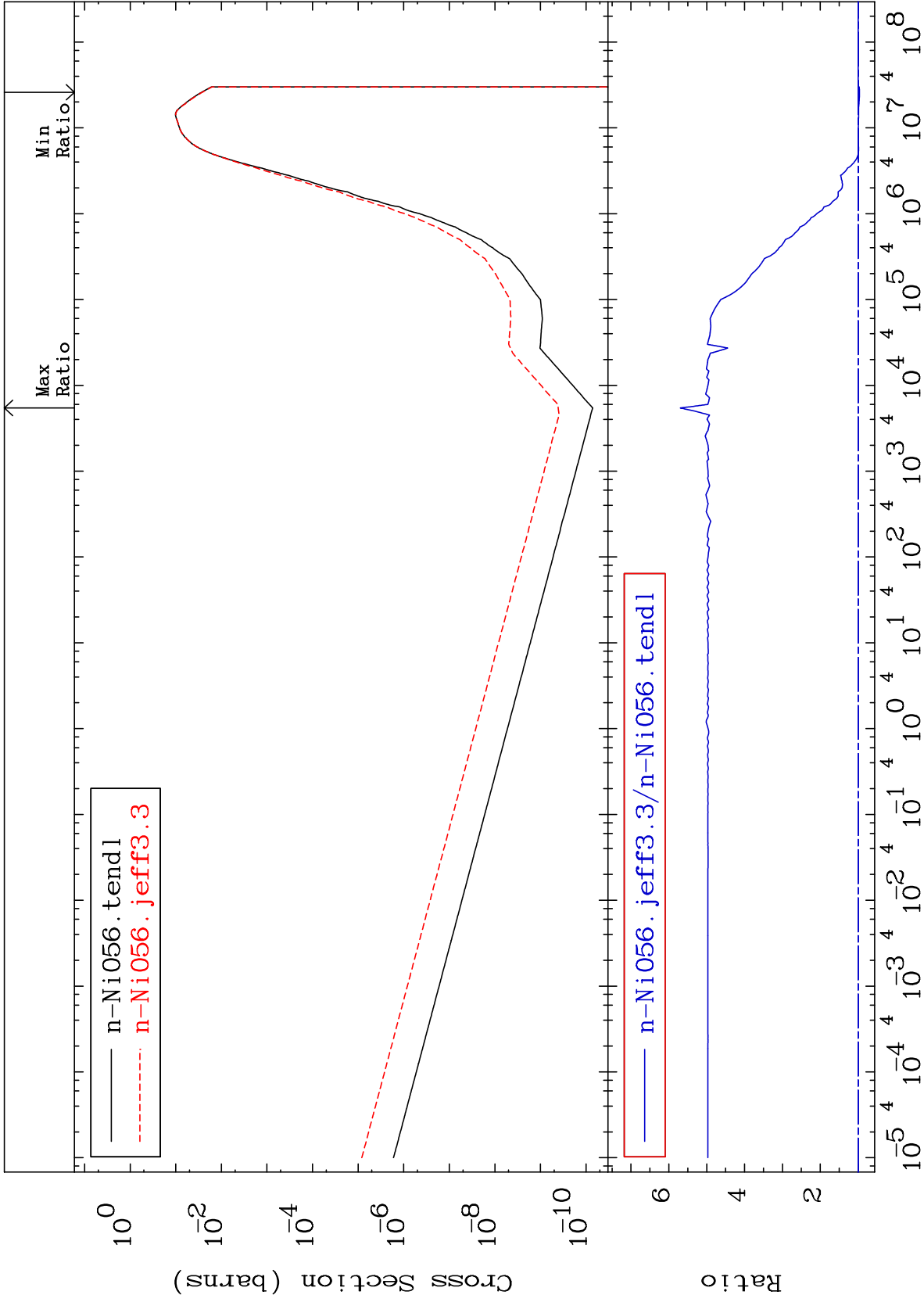
Cross Section

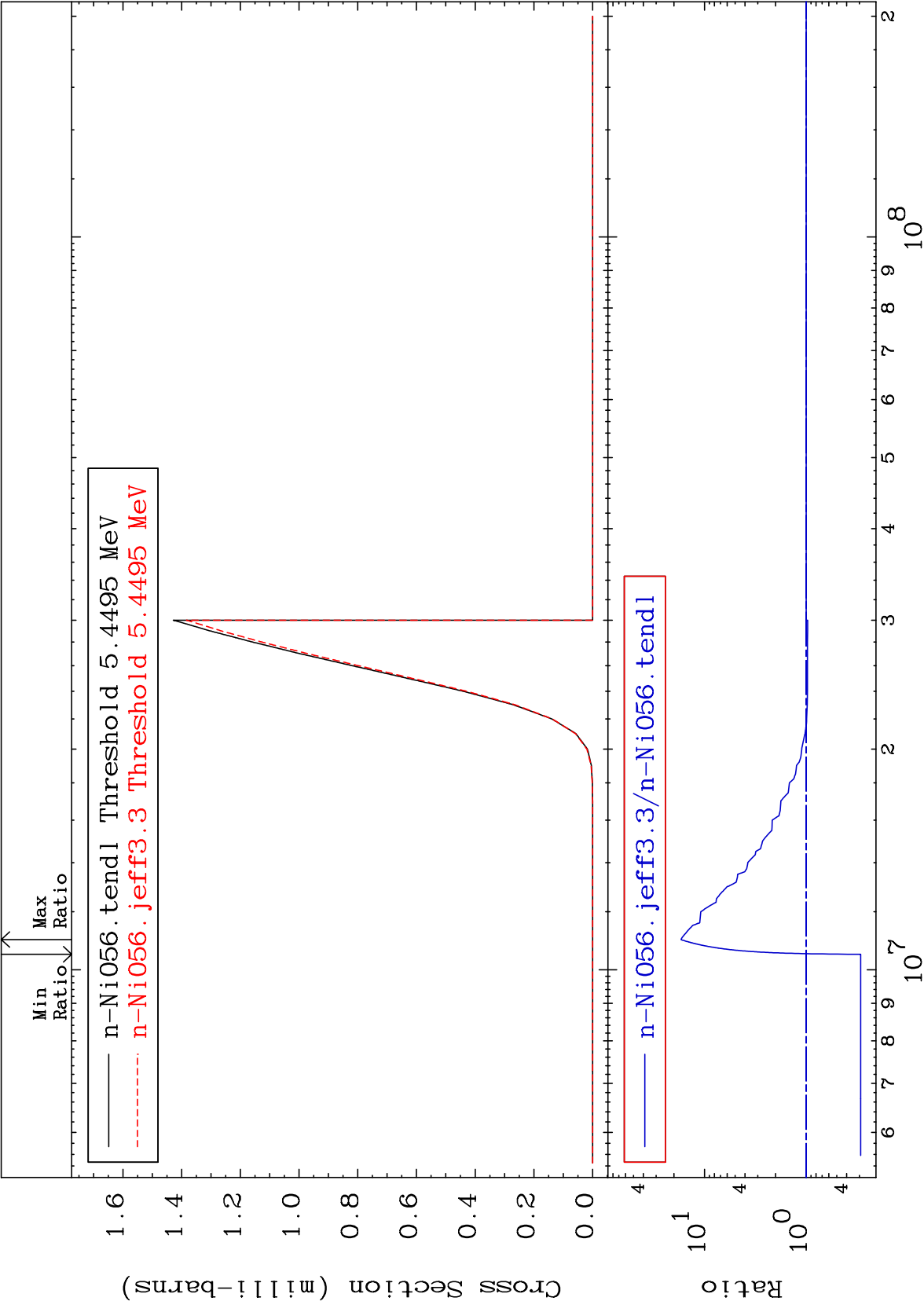
-0.041 To 0.102 %



Cross Section

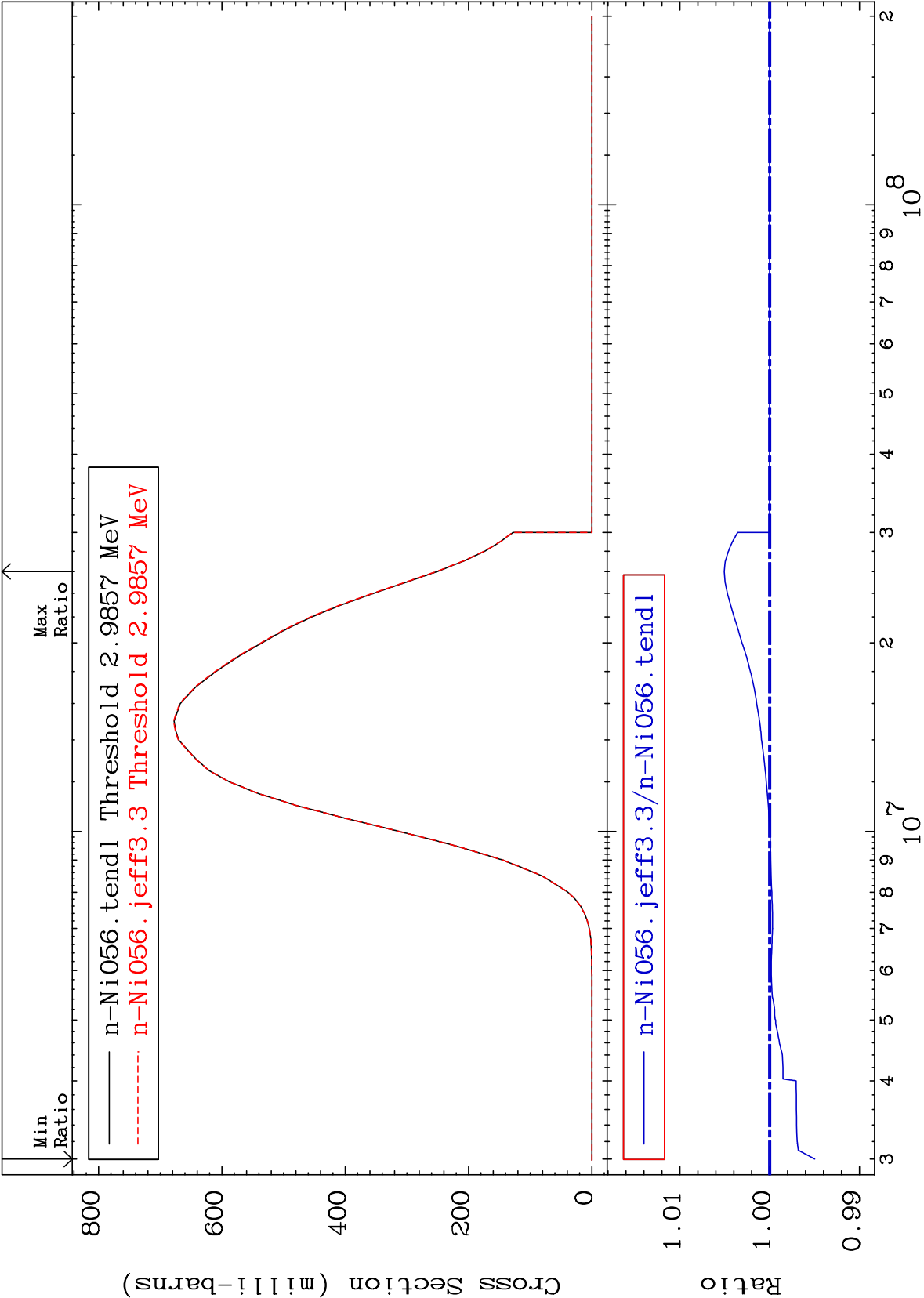
-3.406 To 469.6 %

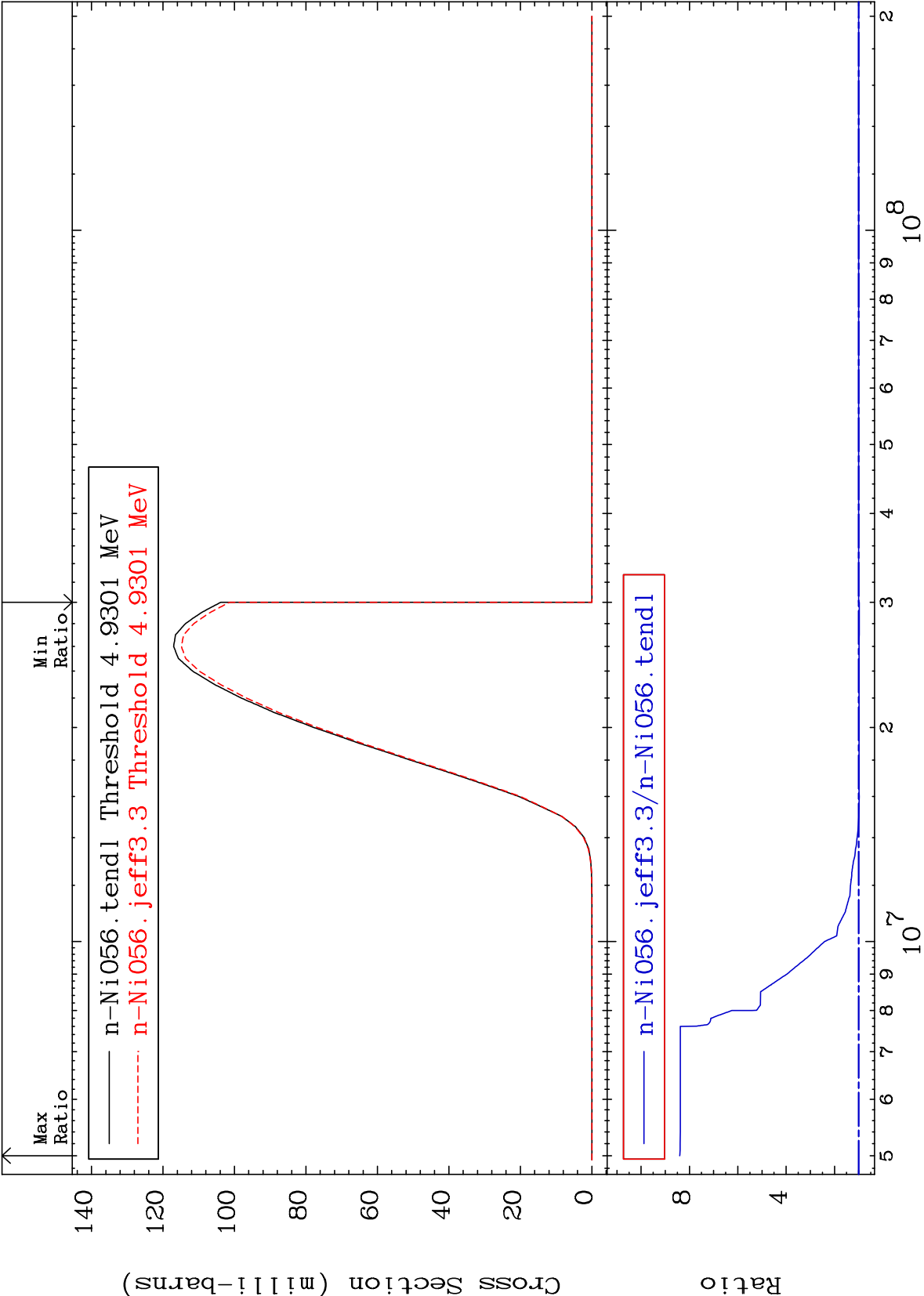




-0.503 To 0.506 %

(n,2p)
Cross Section





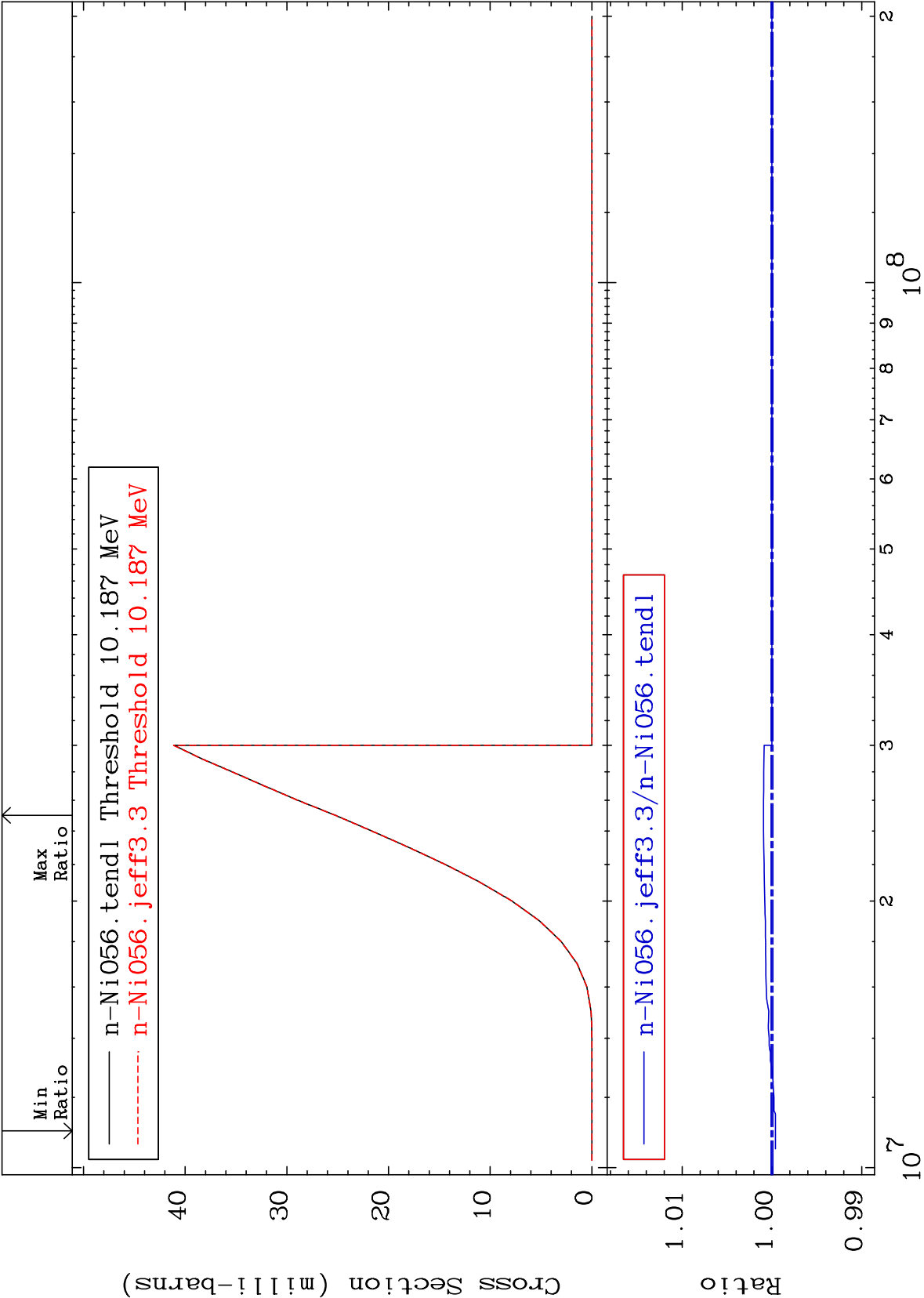
MAT 2819

(n,p) d

28-Ni-56

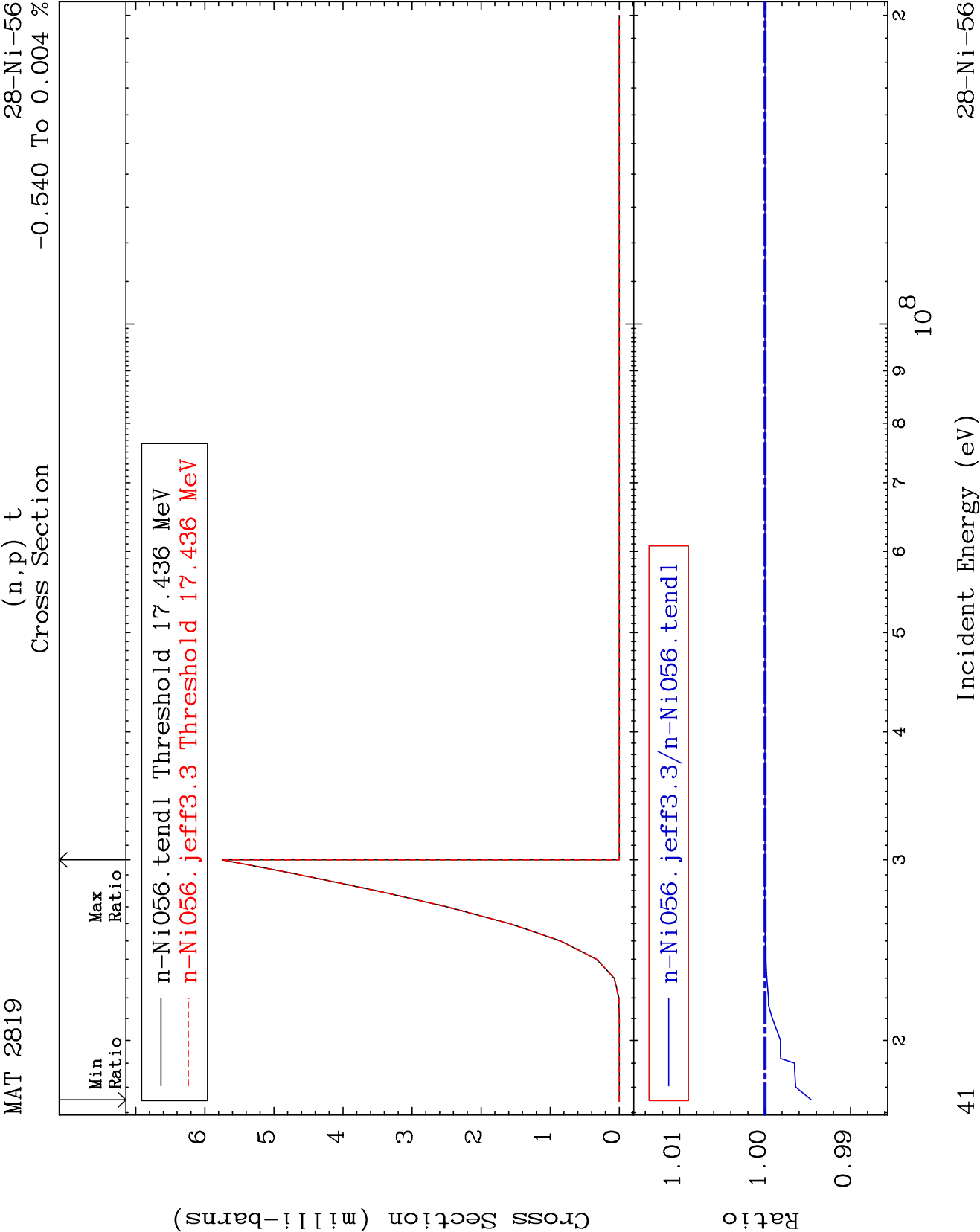
Cross Section

-0.040 To 0.094 %



Incident Energy (eV)

28-Ni-56

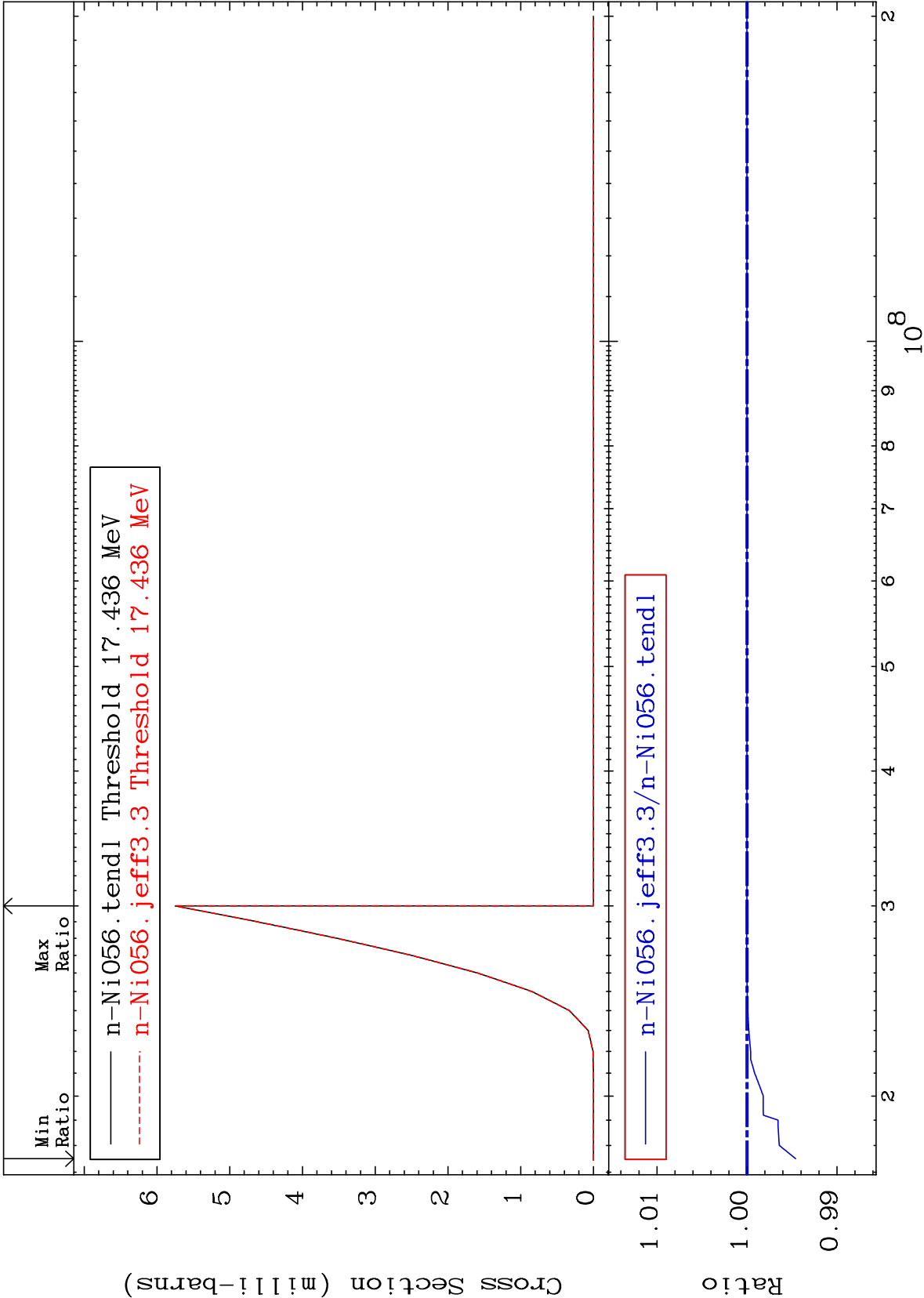


MAT 2819

(n,p) t

28-Ni-56

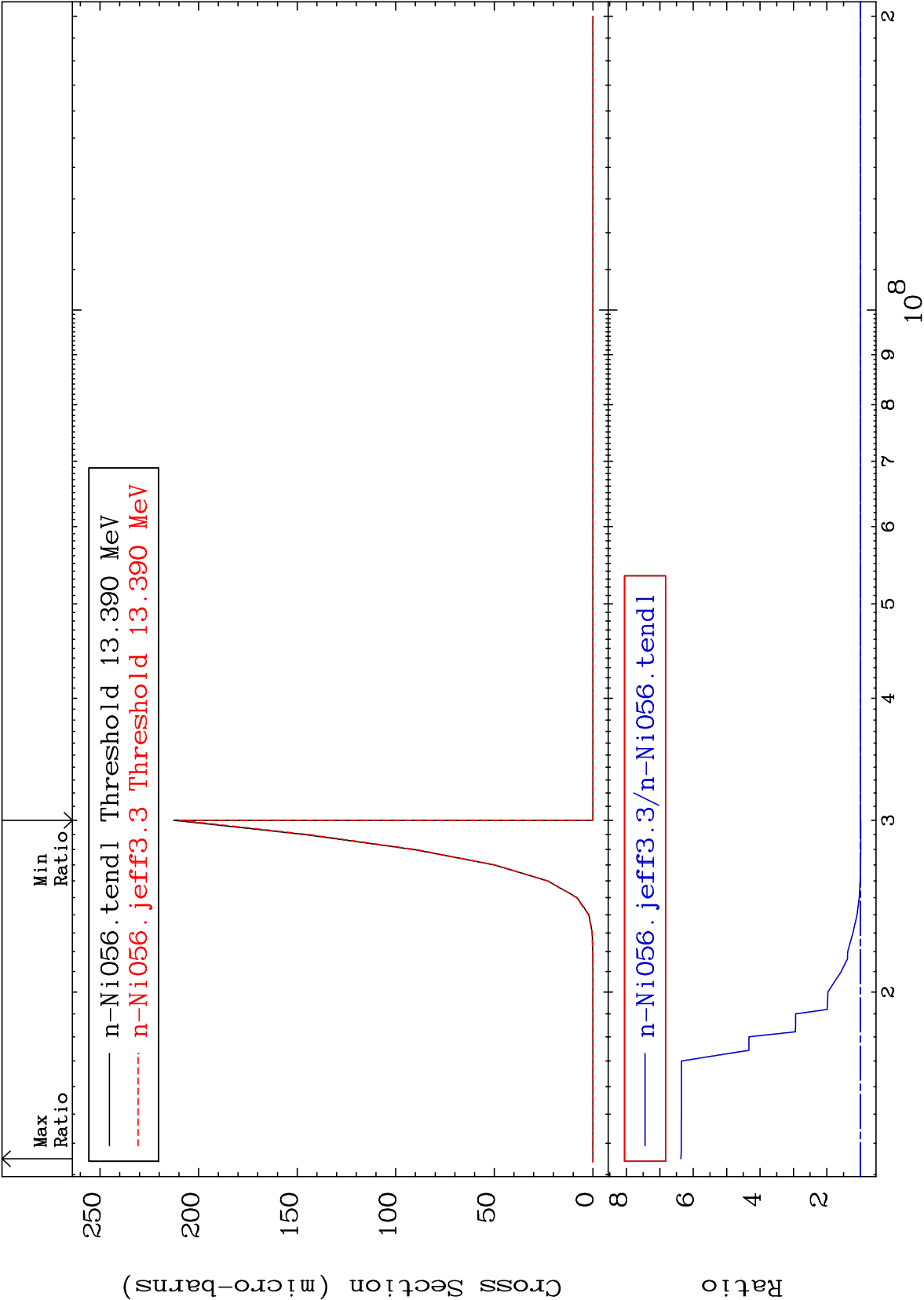
-0.540 To 0.004 %

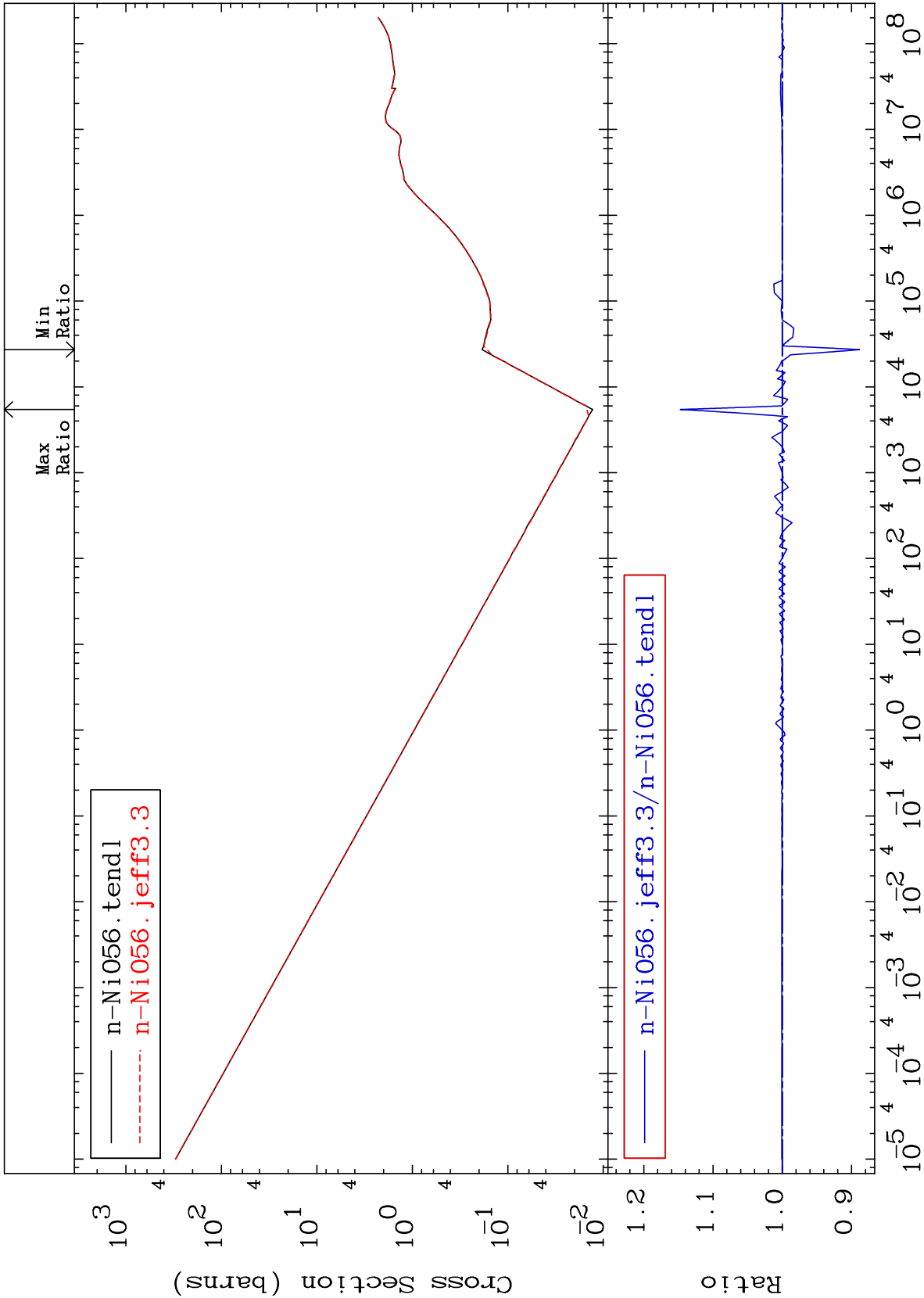


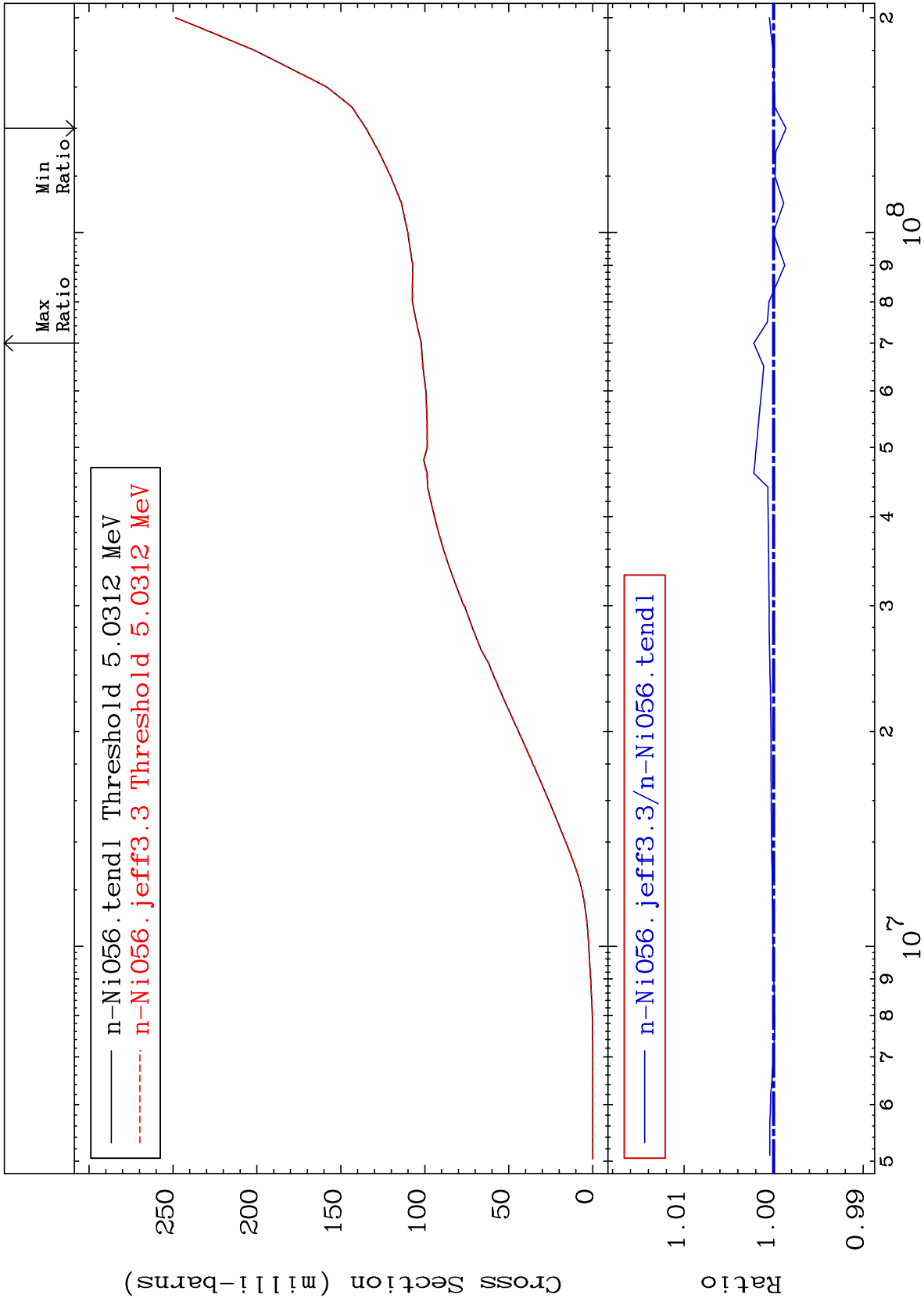
28-Ni-56

Incident Energy (eV)

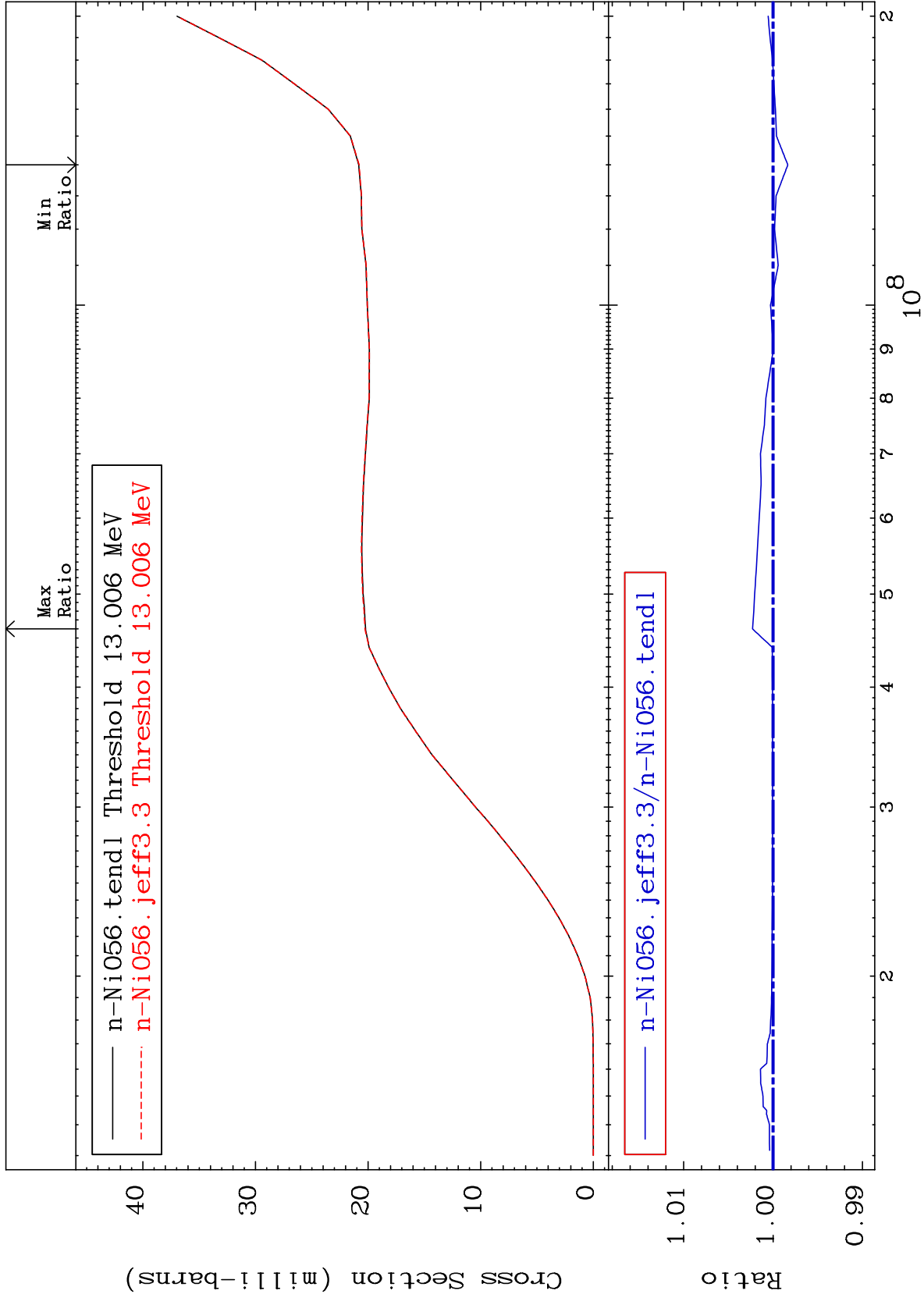
41

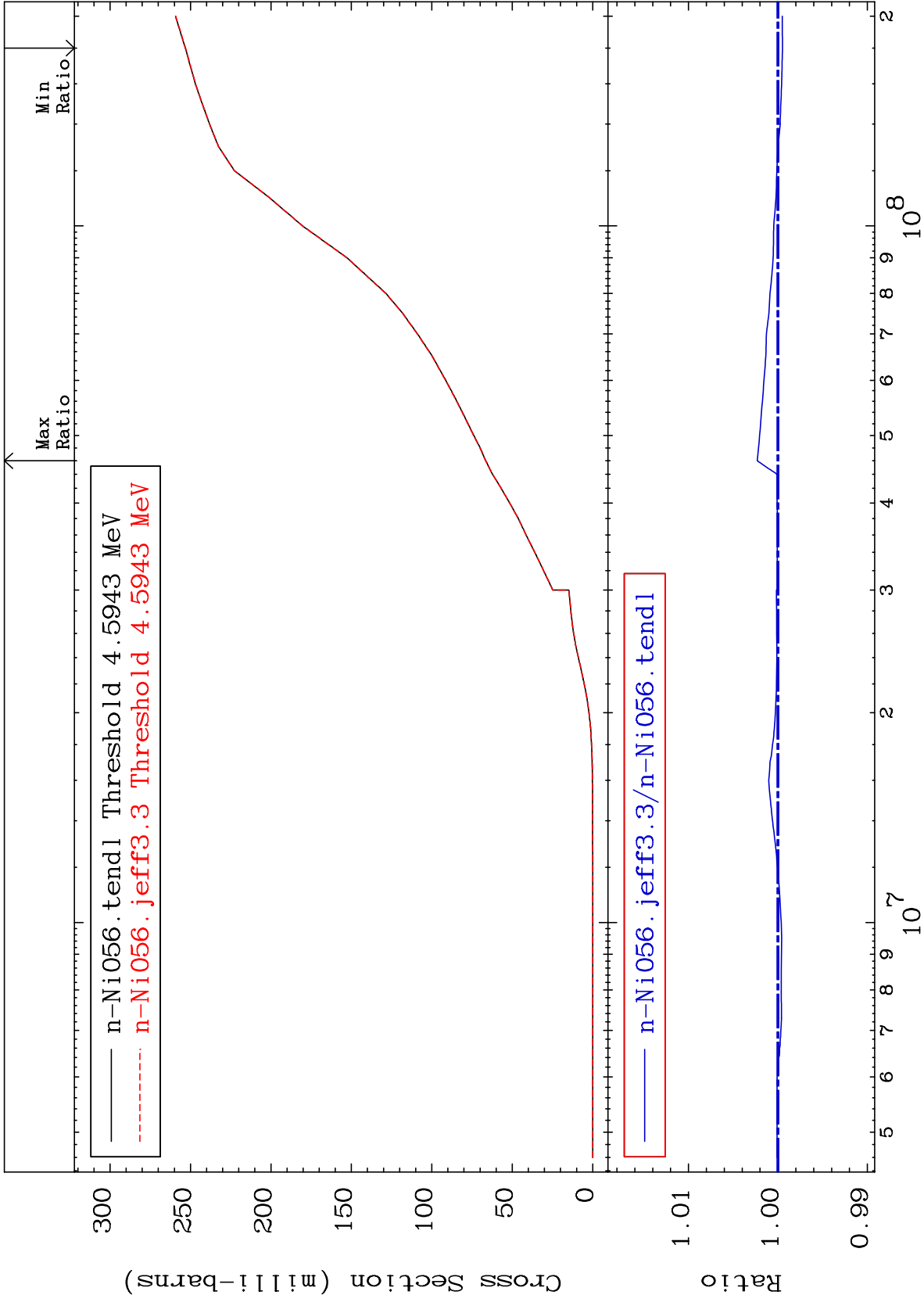


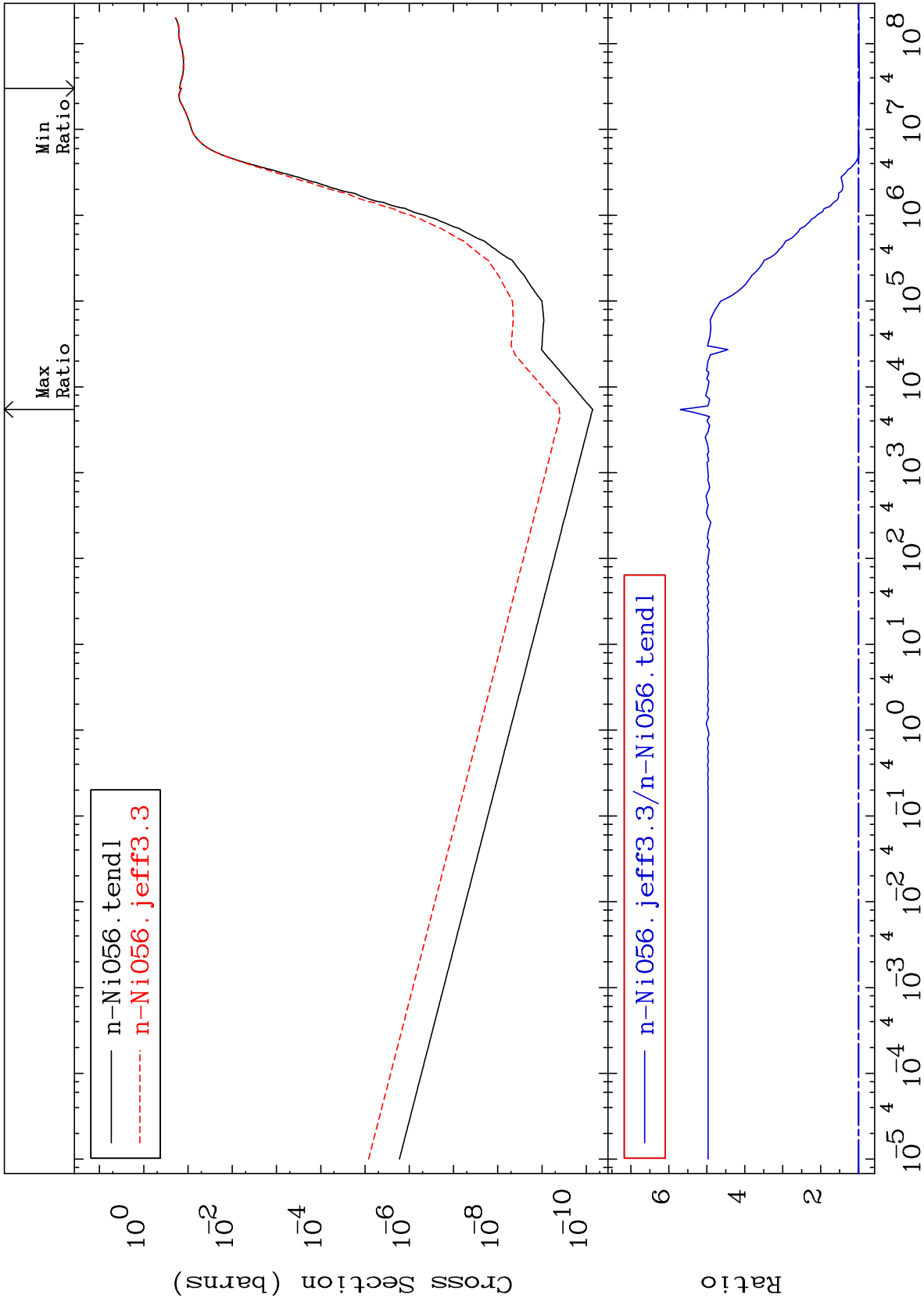


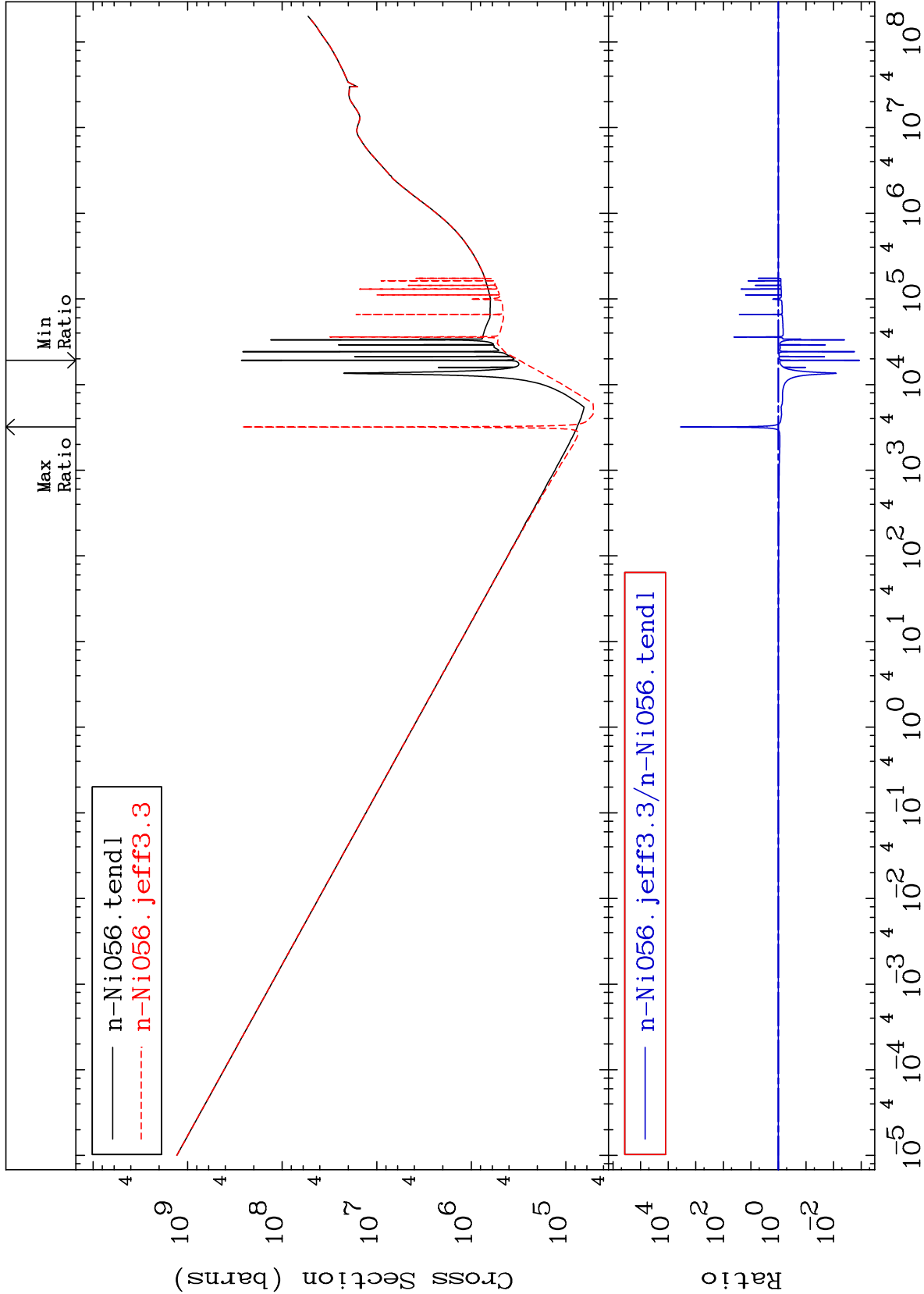


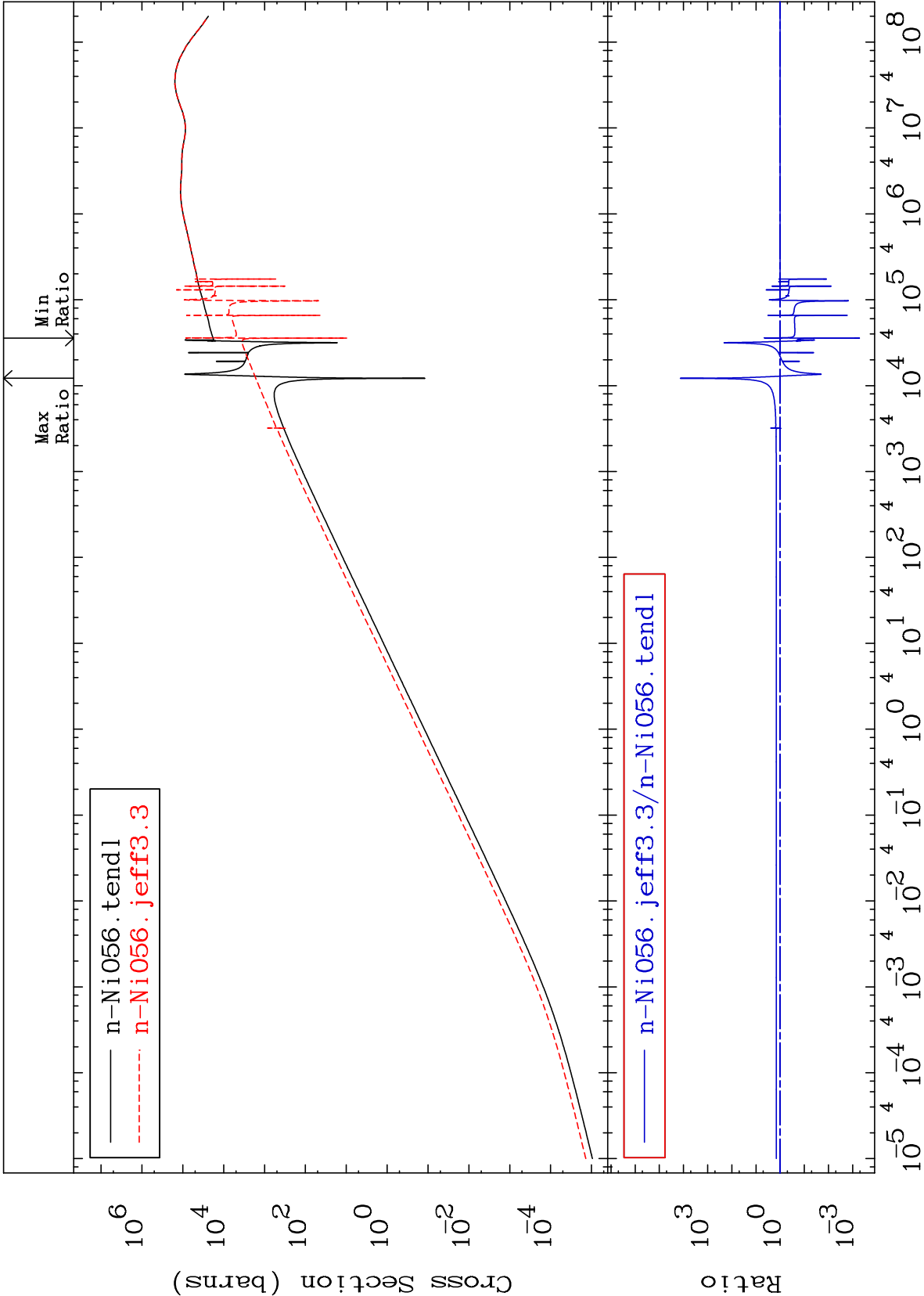
-0.165 To 0.230 %





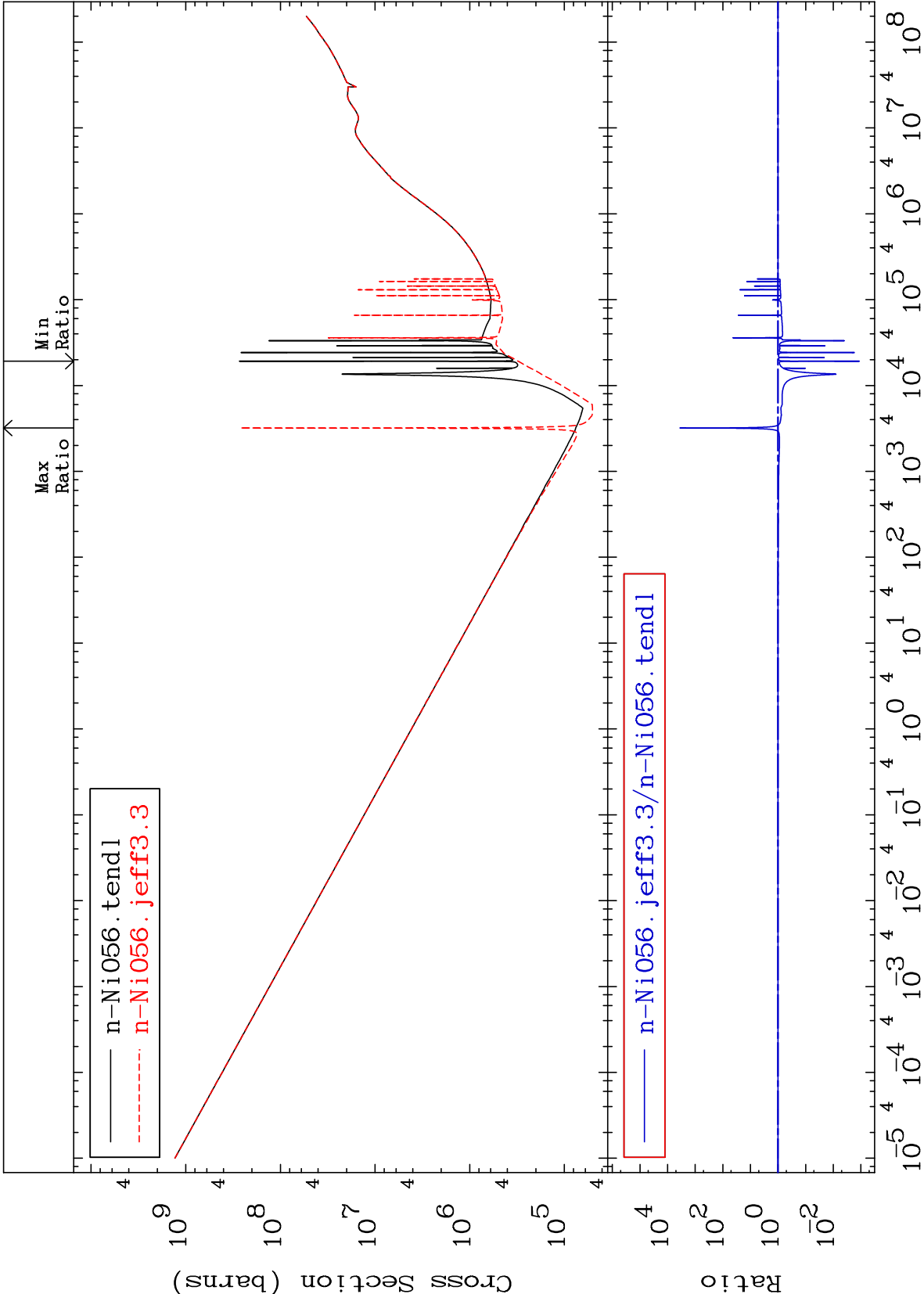


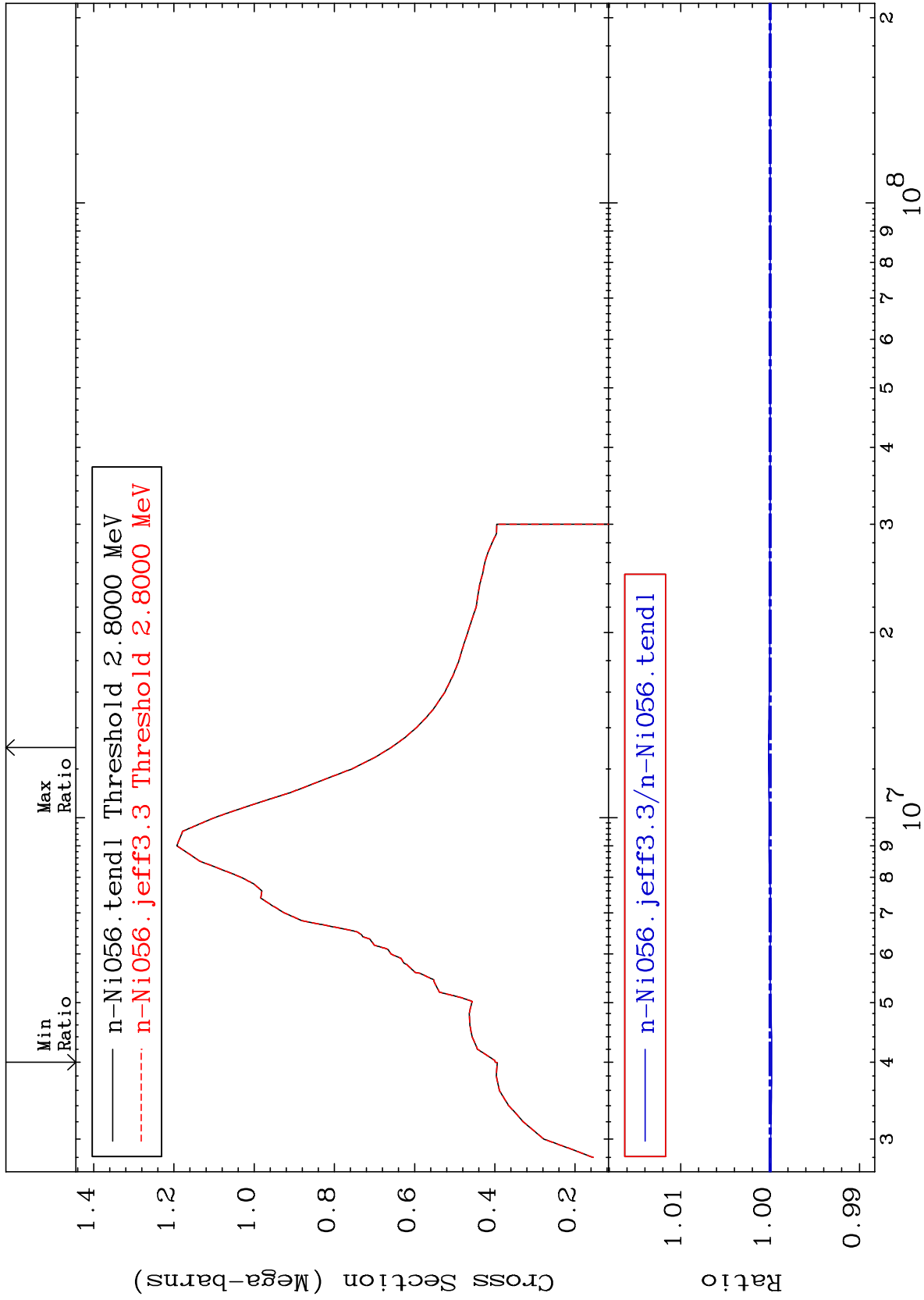


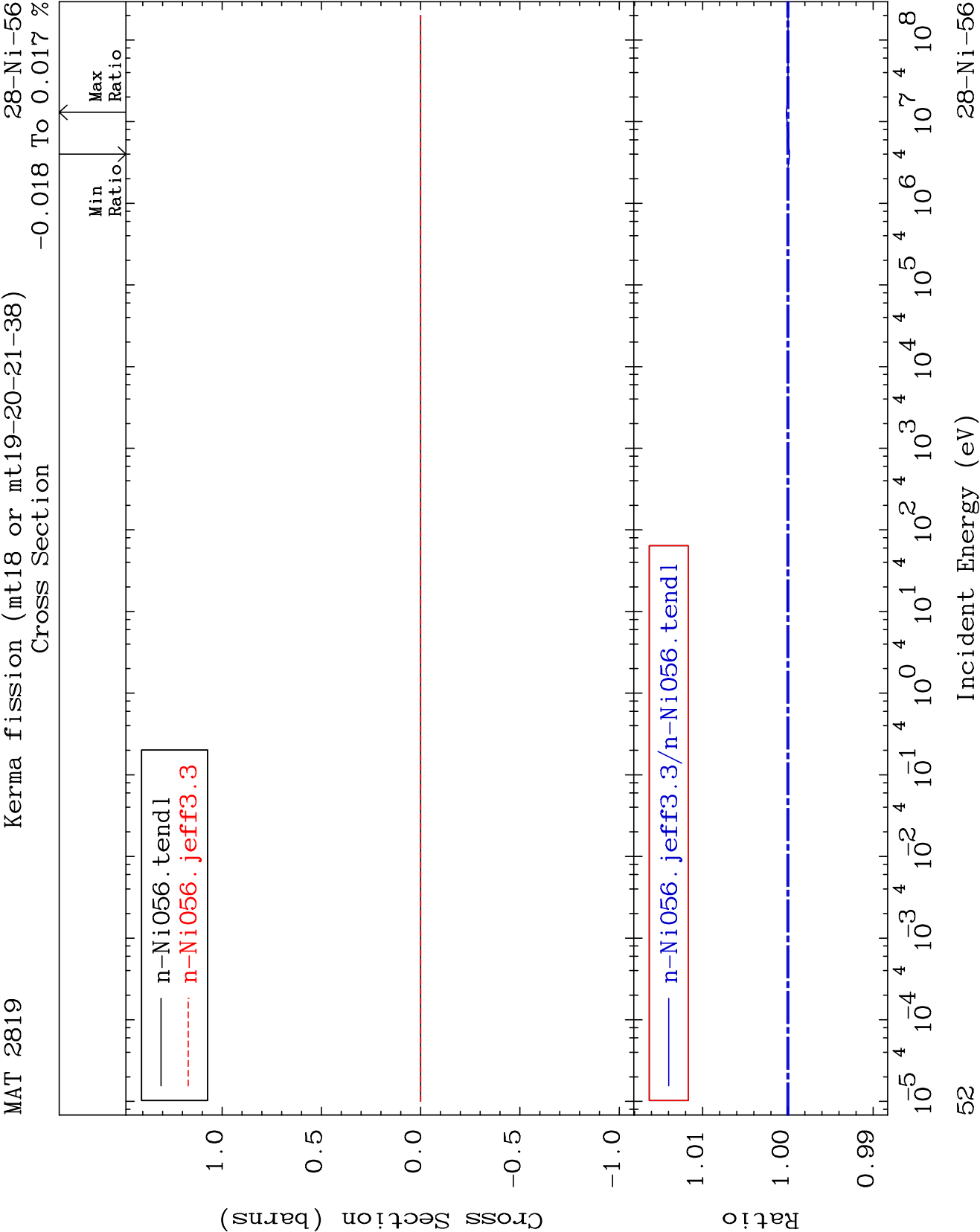


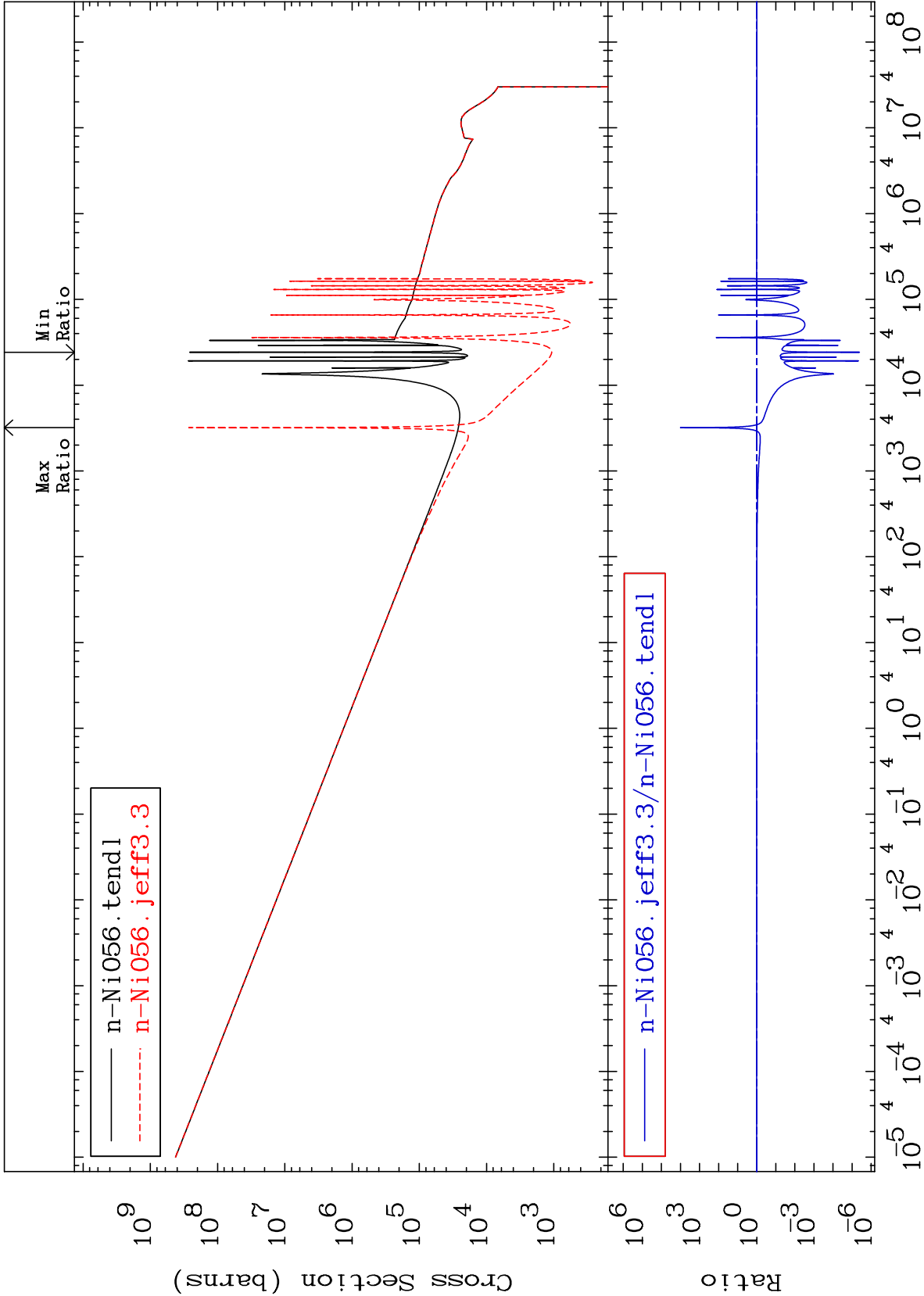
Cross Section

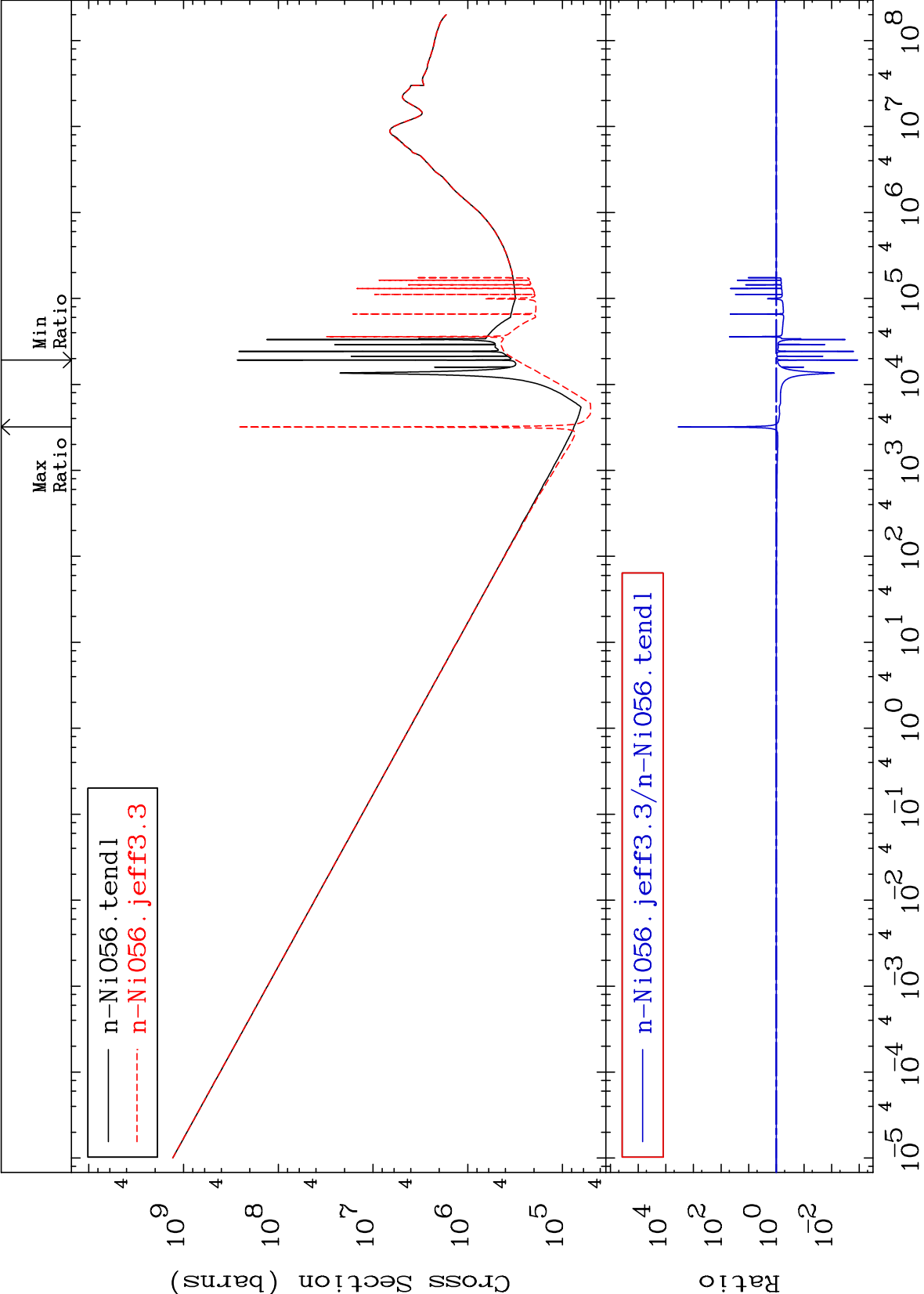
-99.89 To 9999. %





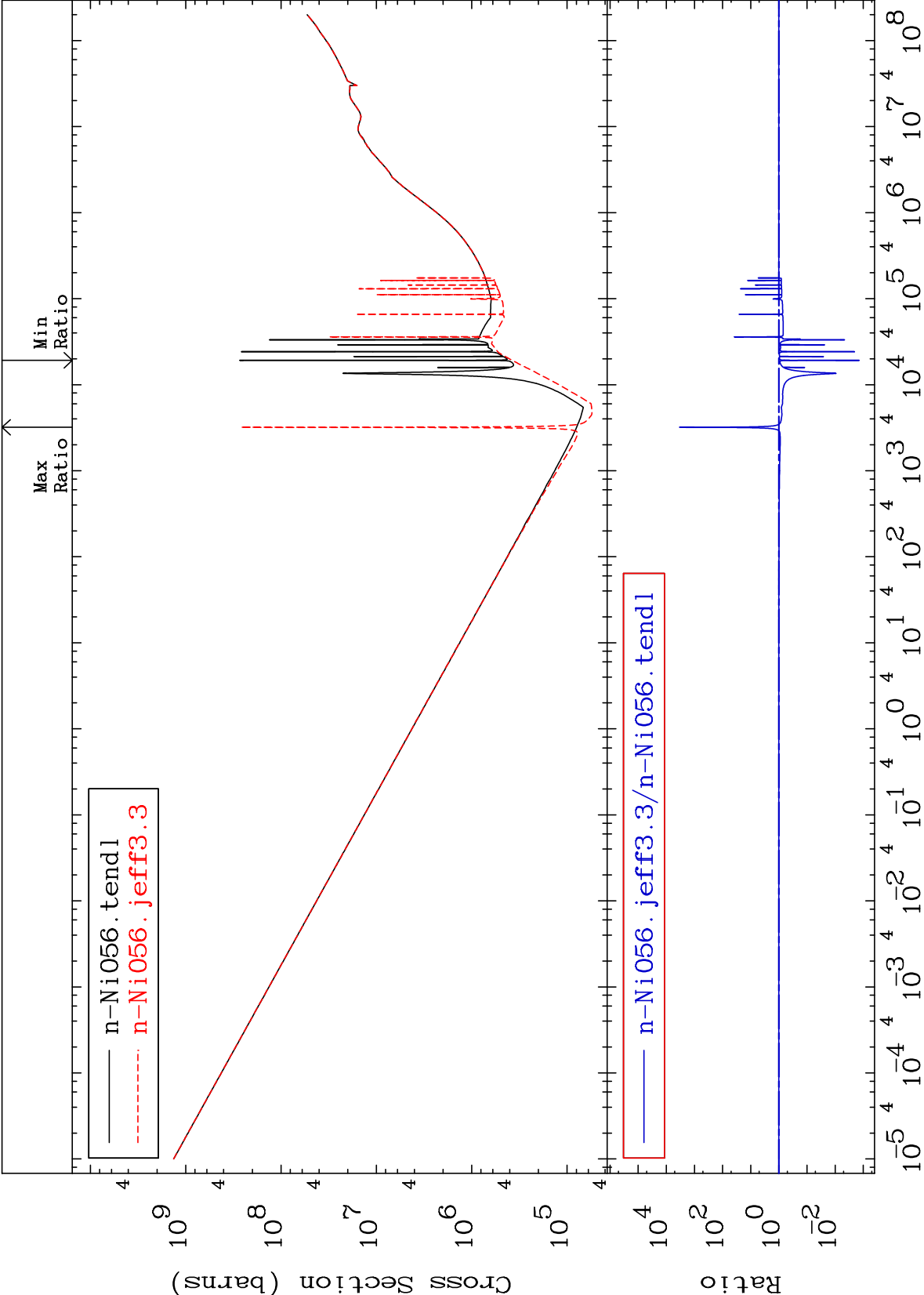






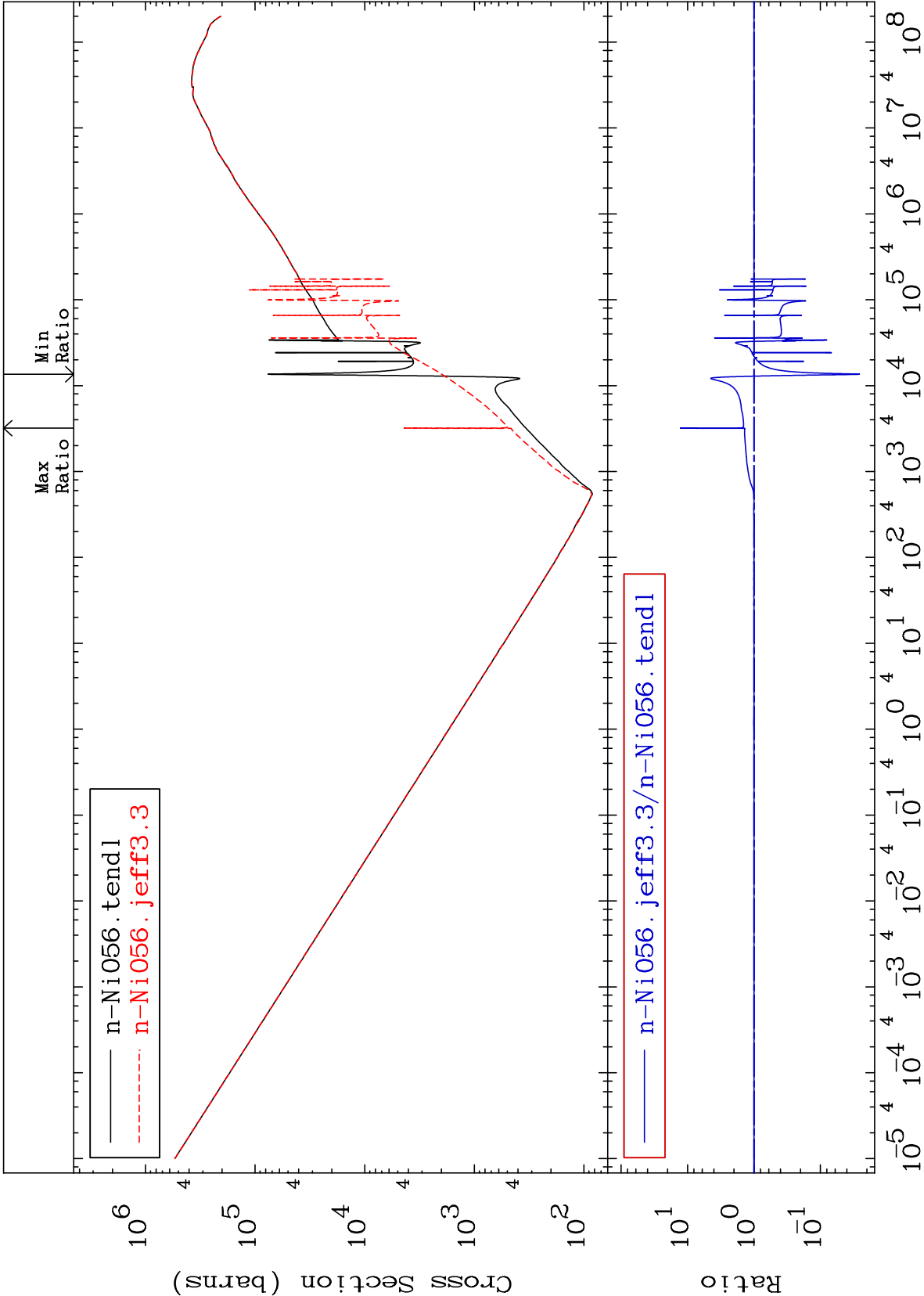
Cross Section

-99.86 To 9999. %



Cross Section

-97.40 To 1192. %



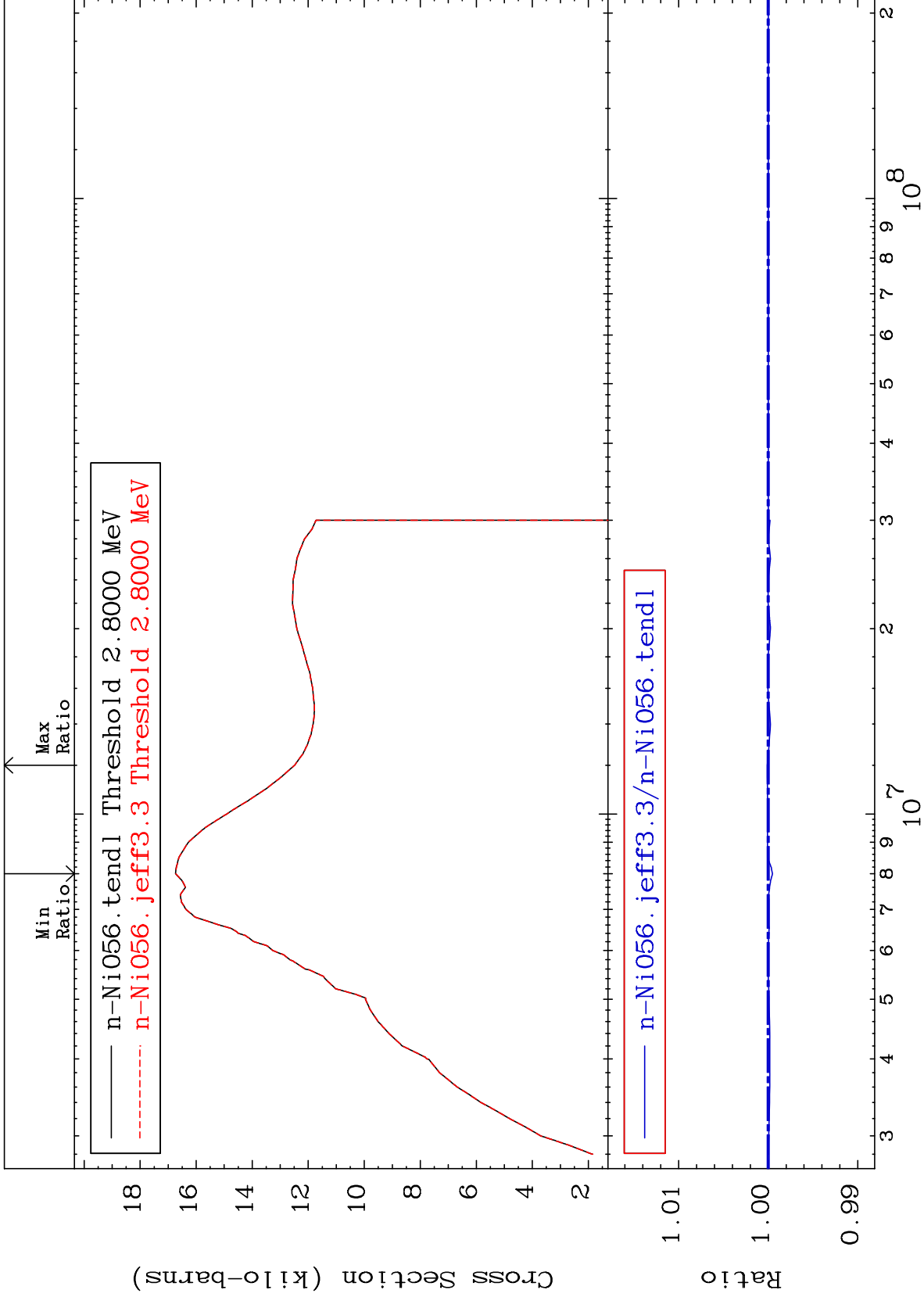
MAT 2819

Dpa inelastic (mt51-91)

28-Ni-56

-0.047 To 0.010 %

Cross Section



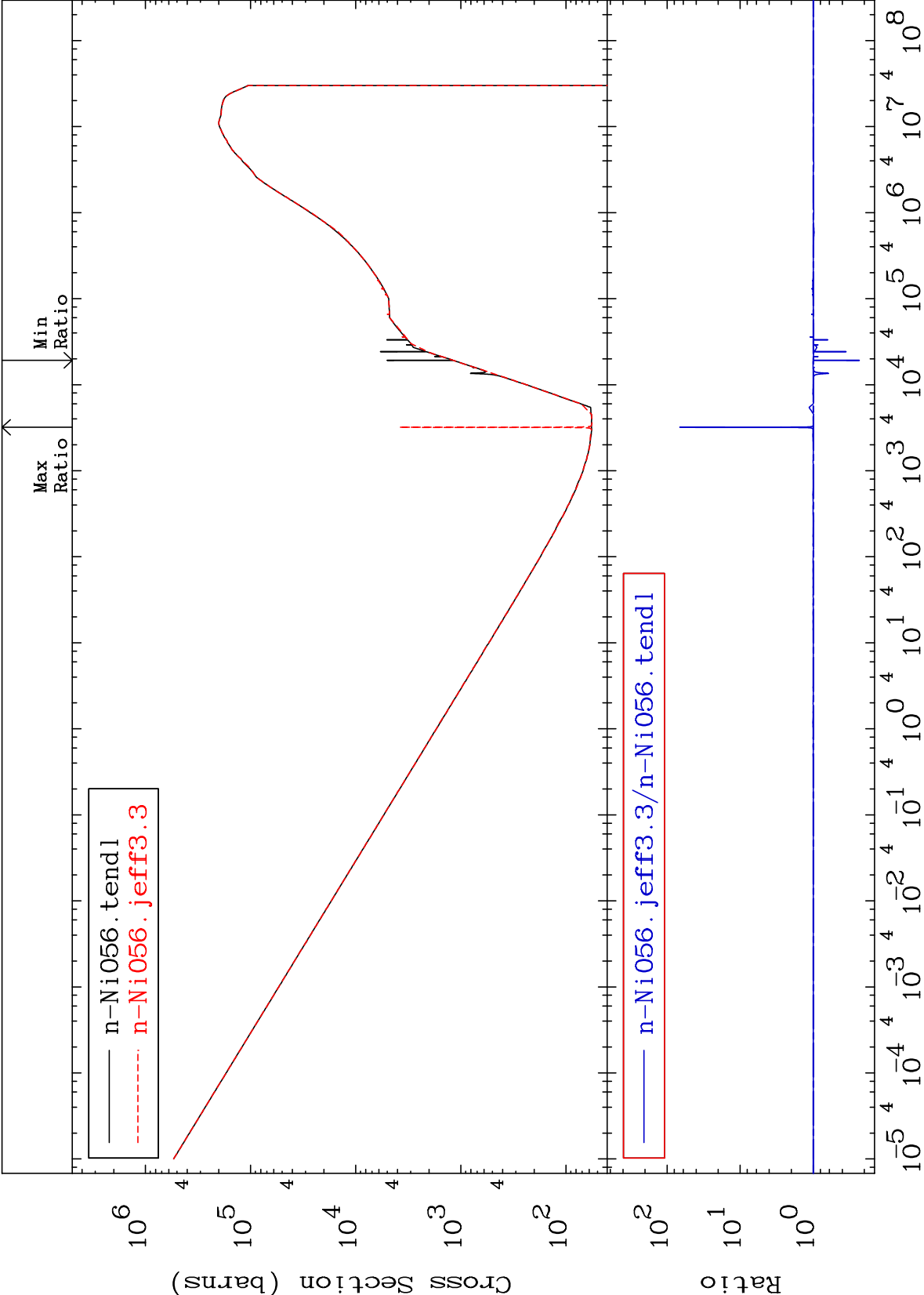
58

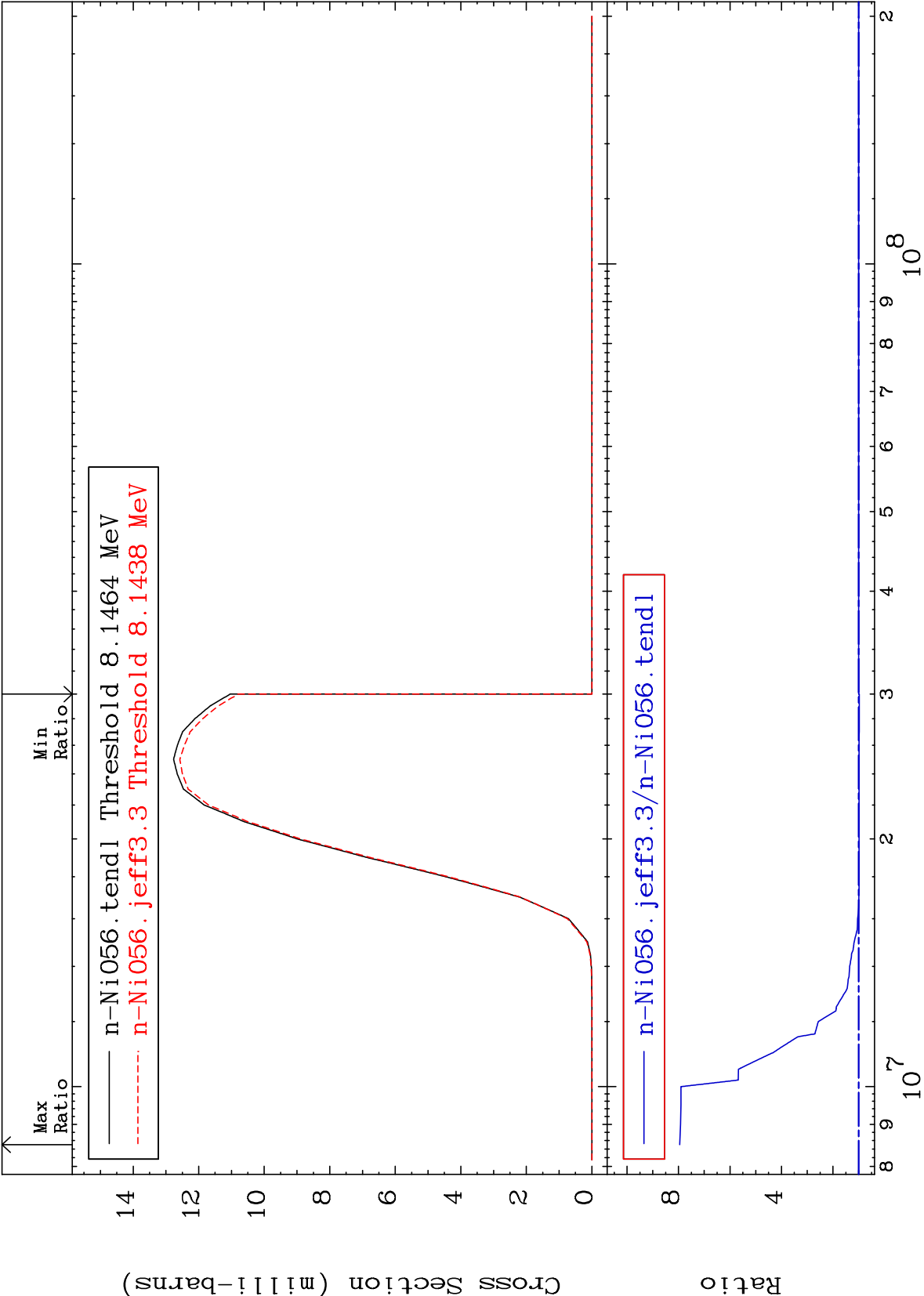
Incident Energy (eV)

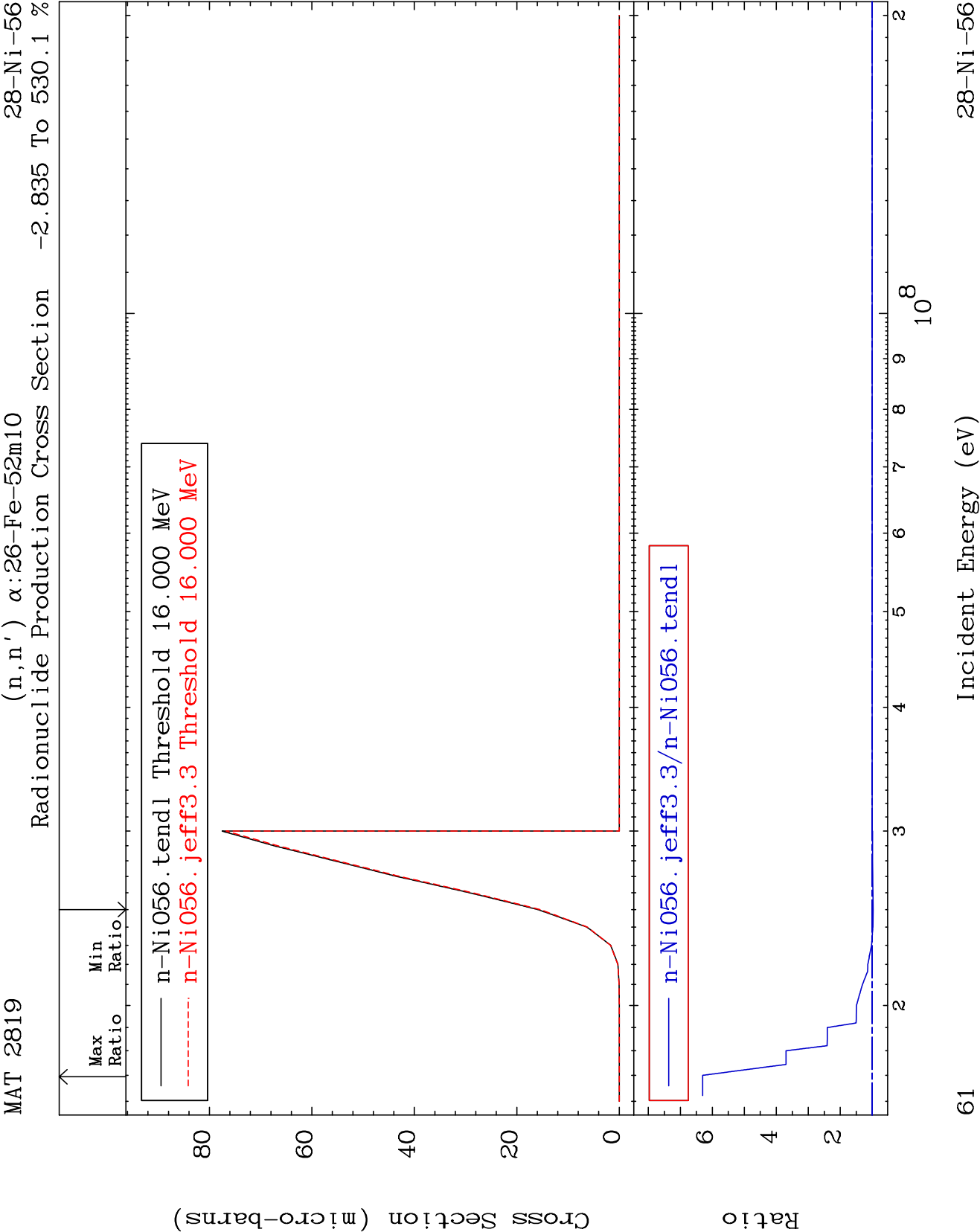
28-Ni-56

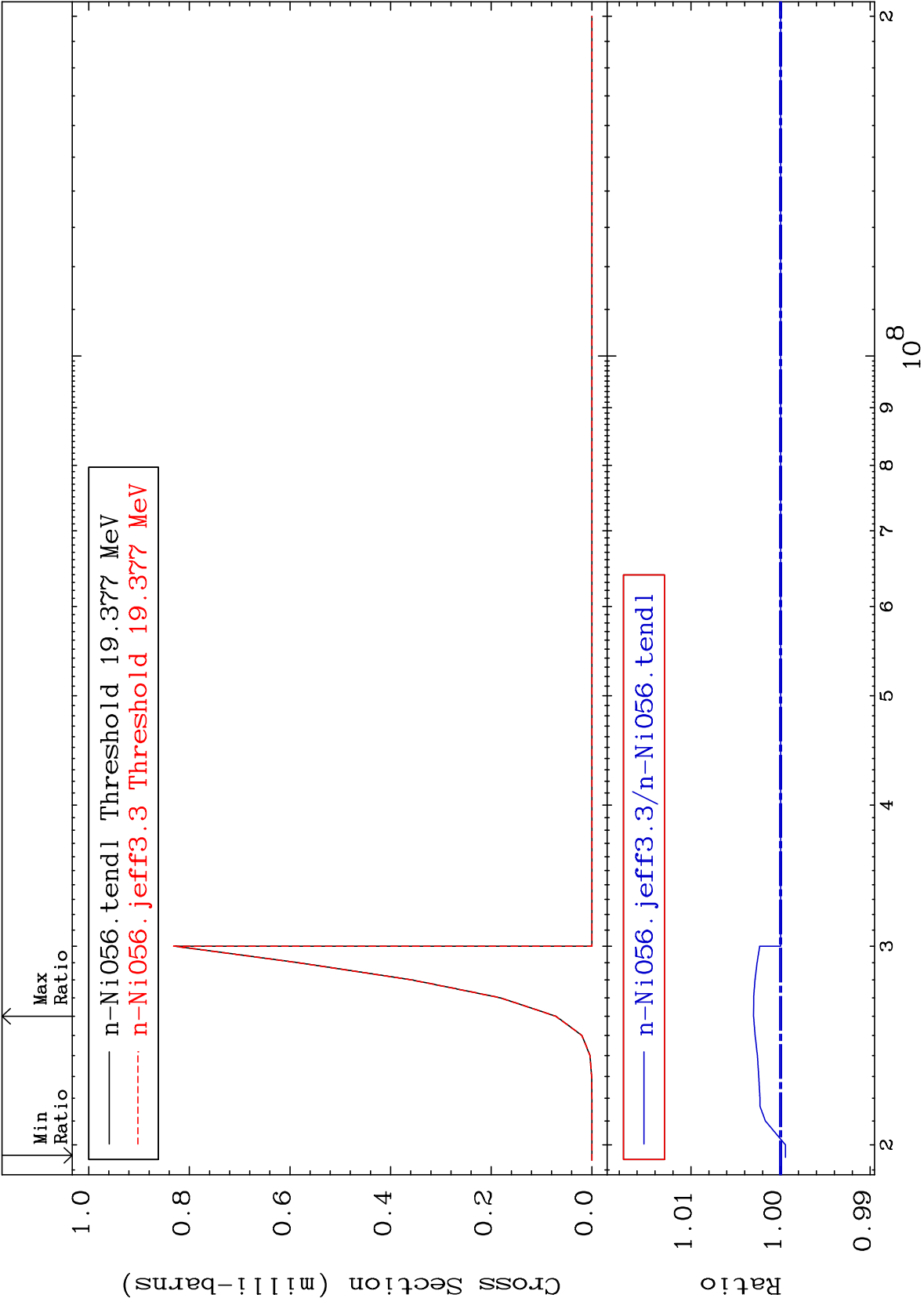
Cross Section

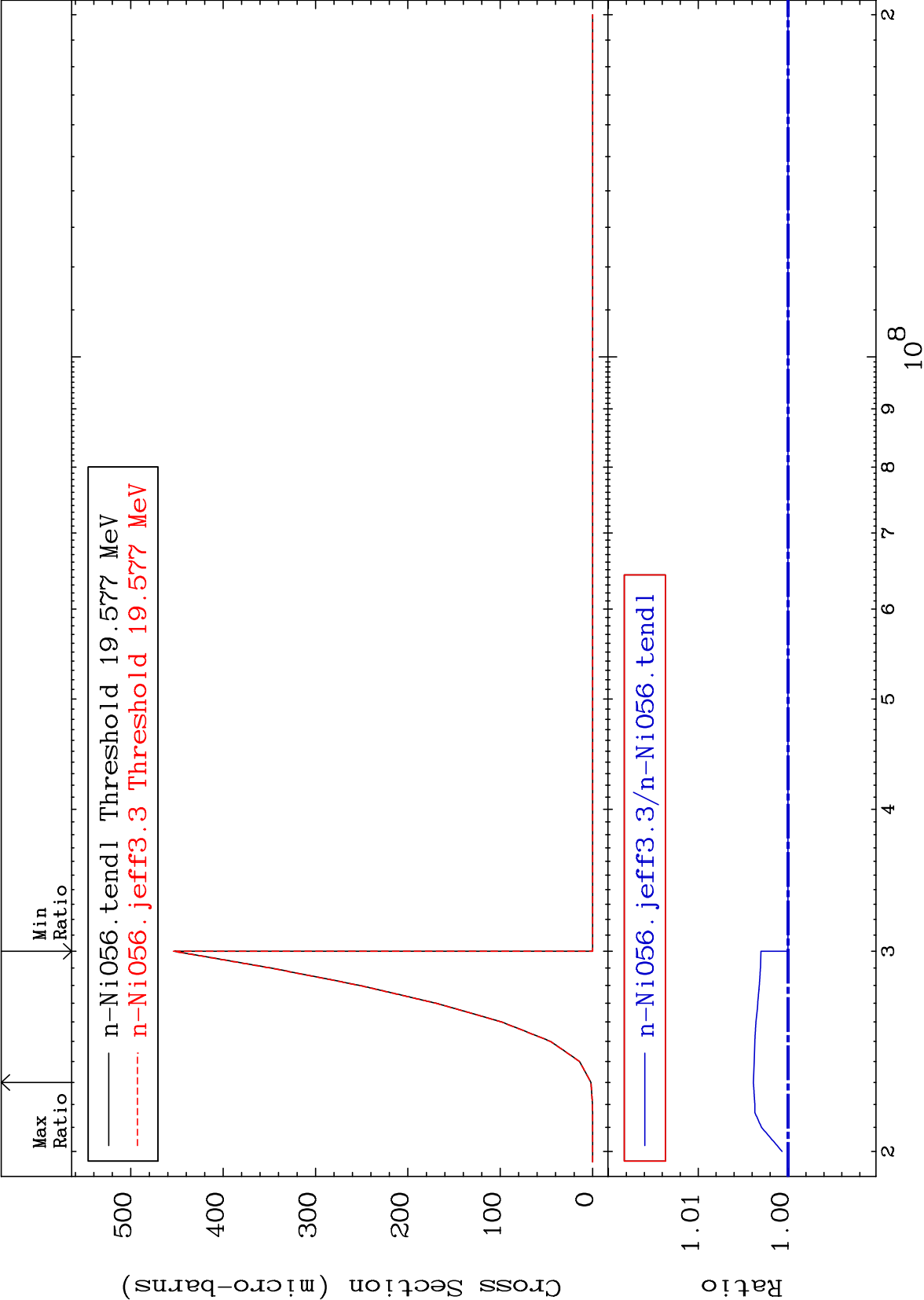
-76.55 To 6610. %

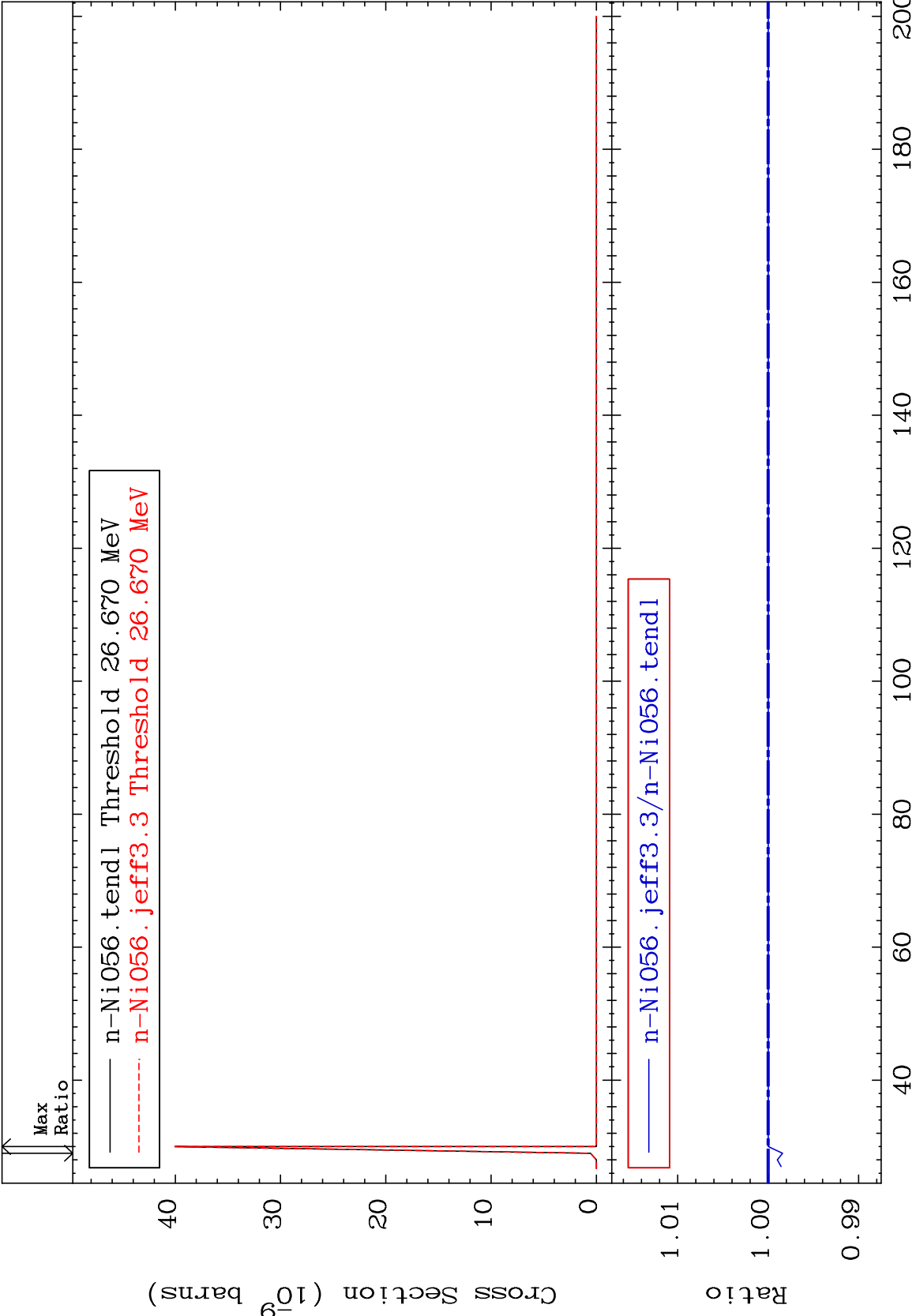






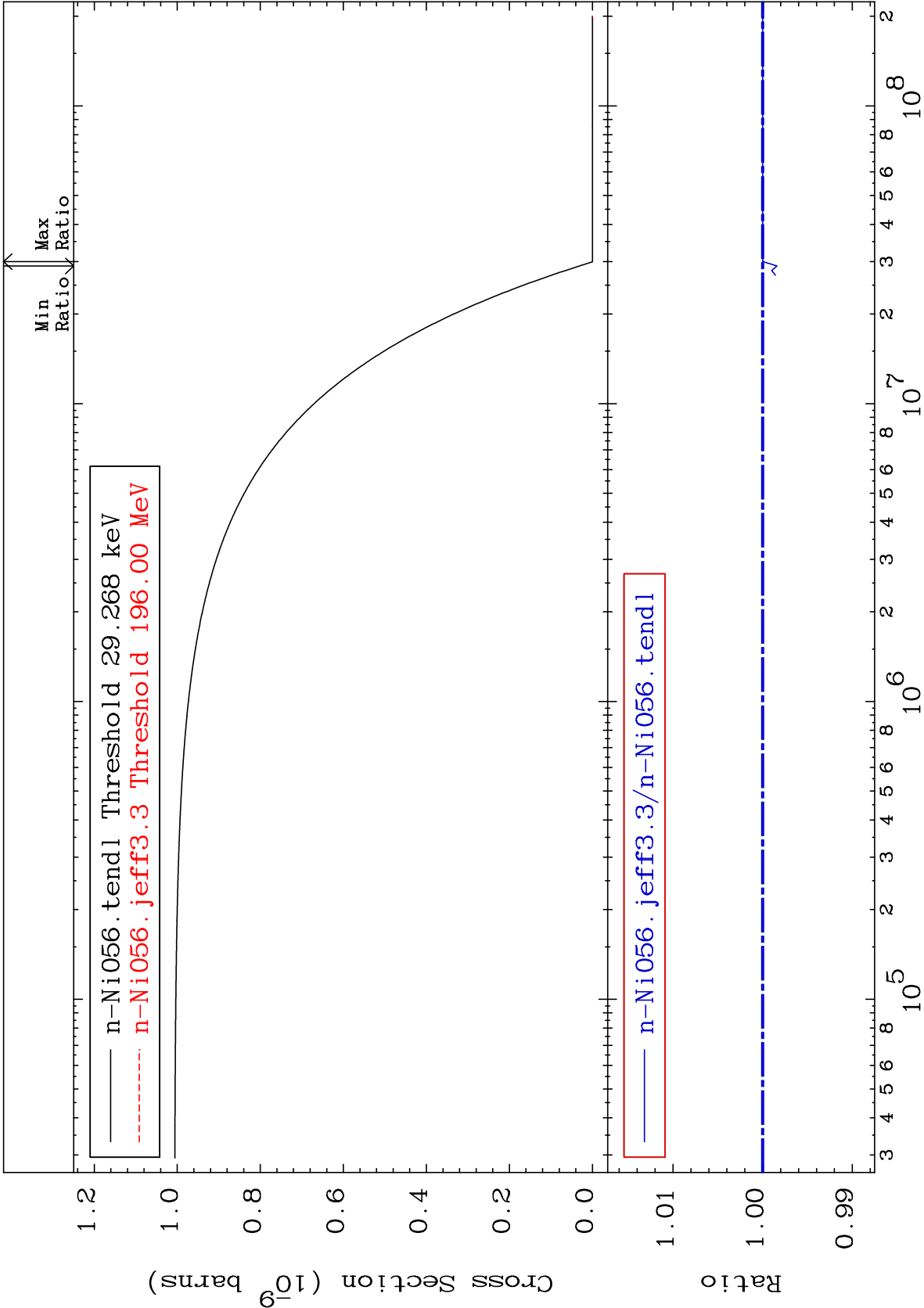


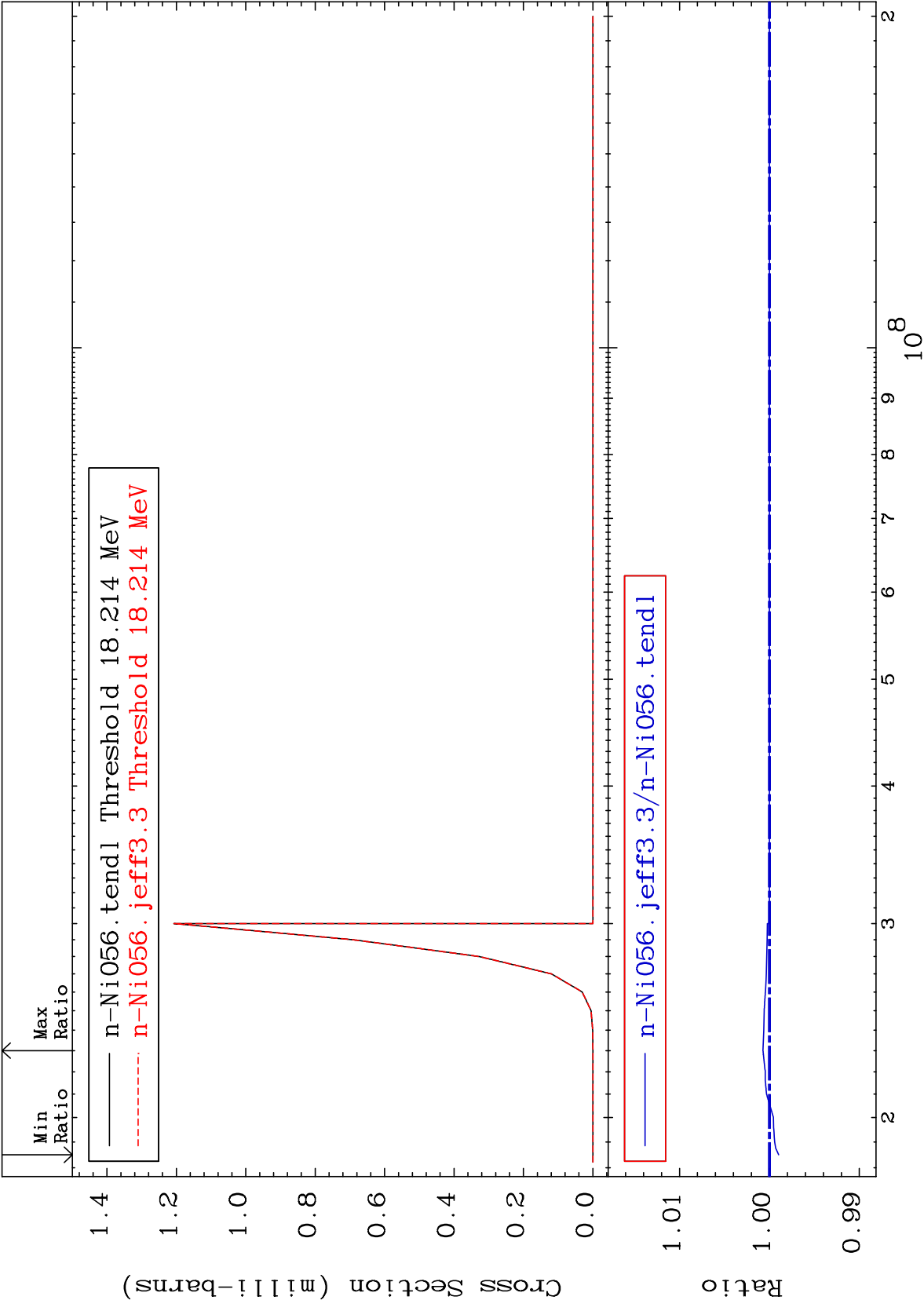




Radionuclide Production Cross Section

-0.158 To 0.000 %





MAT 2819

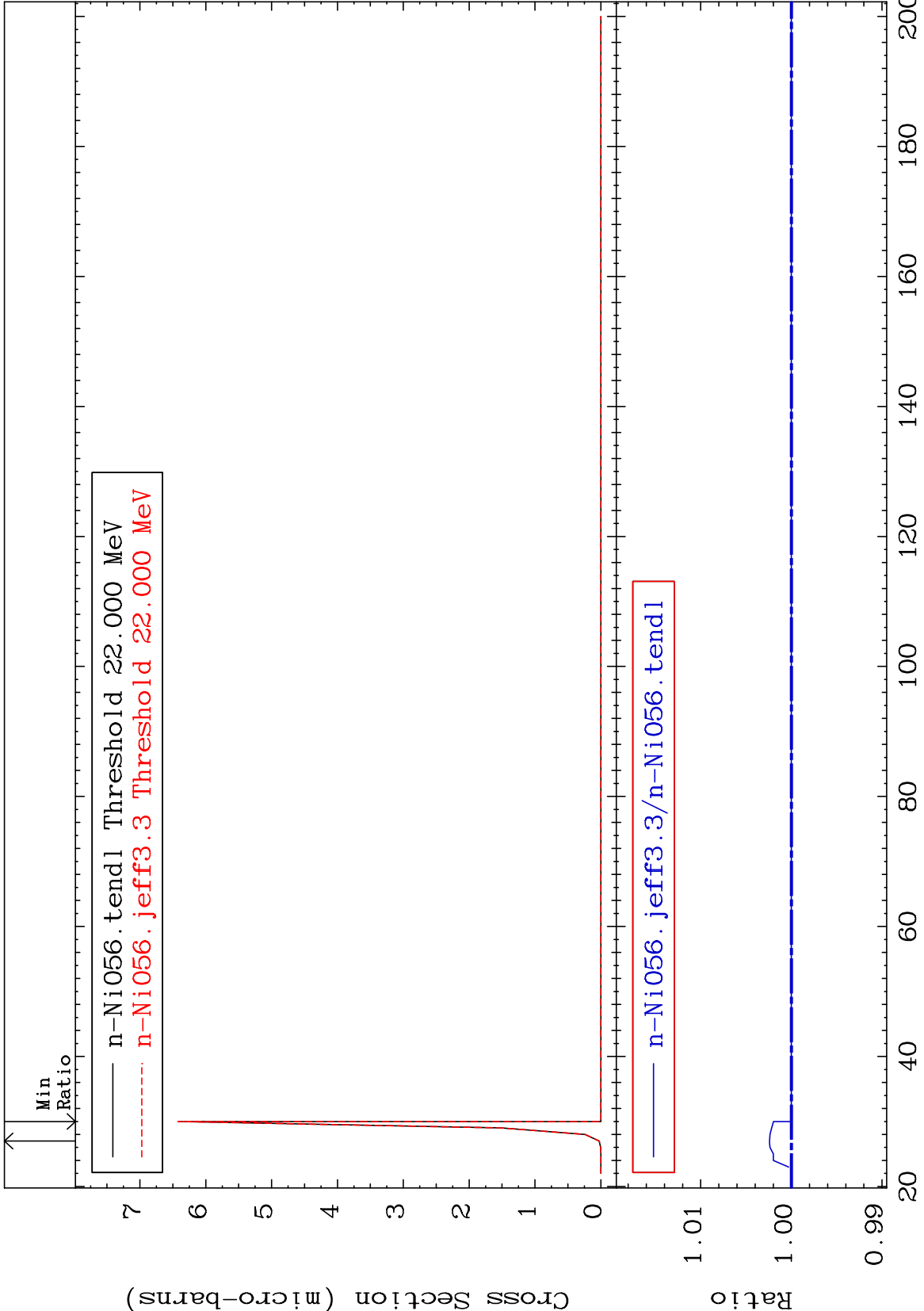
(n,n') He-3:26-Fe-53m22

28-Ni-56

Radionuclide Production Cross Section

0.000

To 0.241 %



67

Incident Energy (MeV)

28-Ni-56

MAT 2819

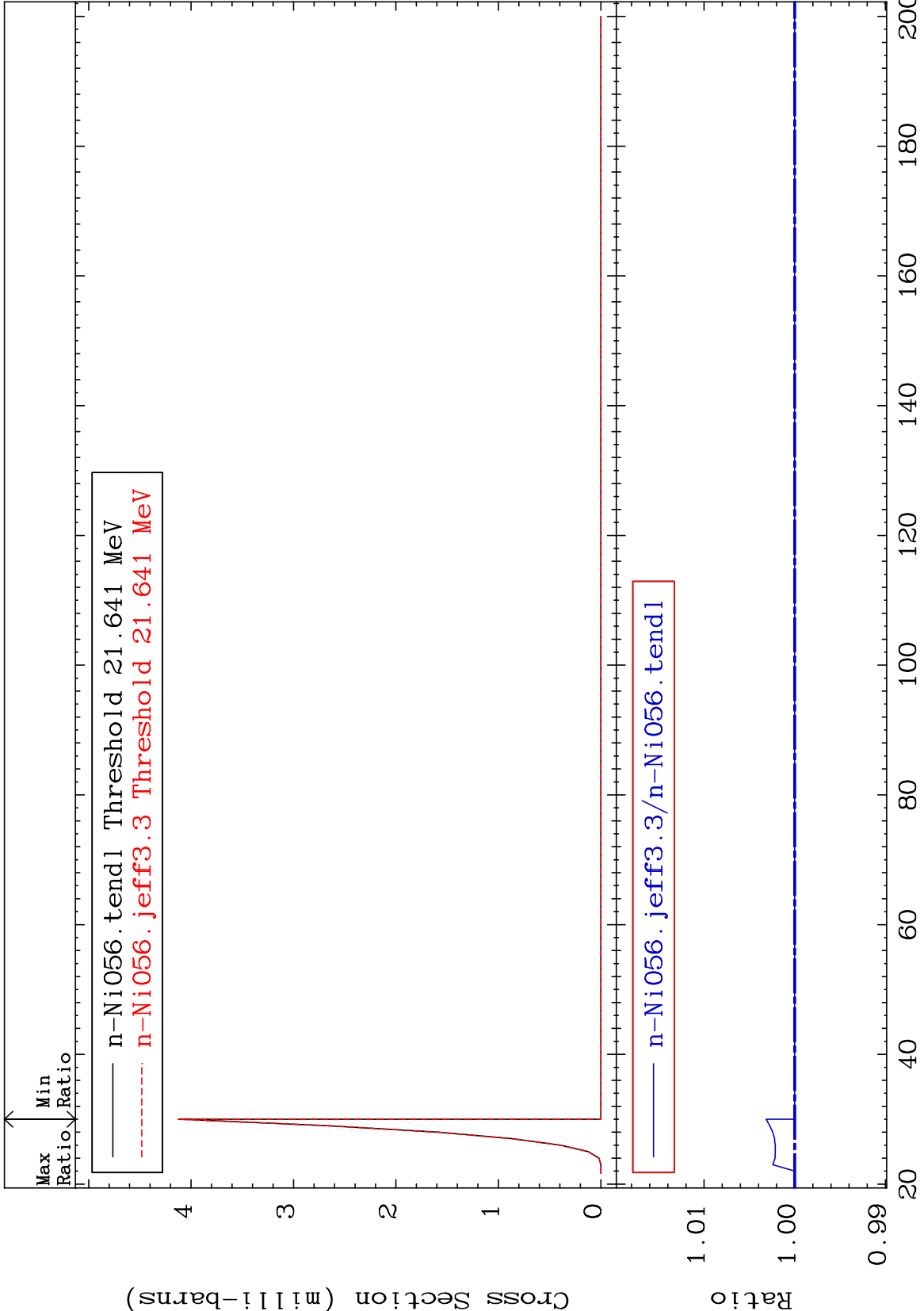
(n,2n) p:27-Co-54g

28-Ni-56

Radionuclide Production Cross Section

0.000

To 0.315 %



68

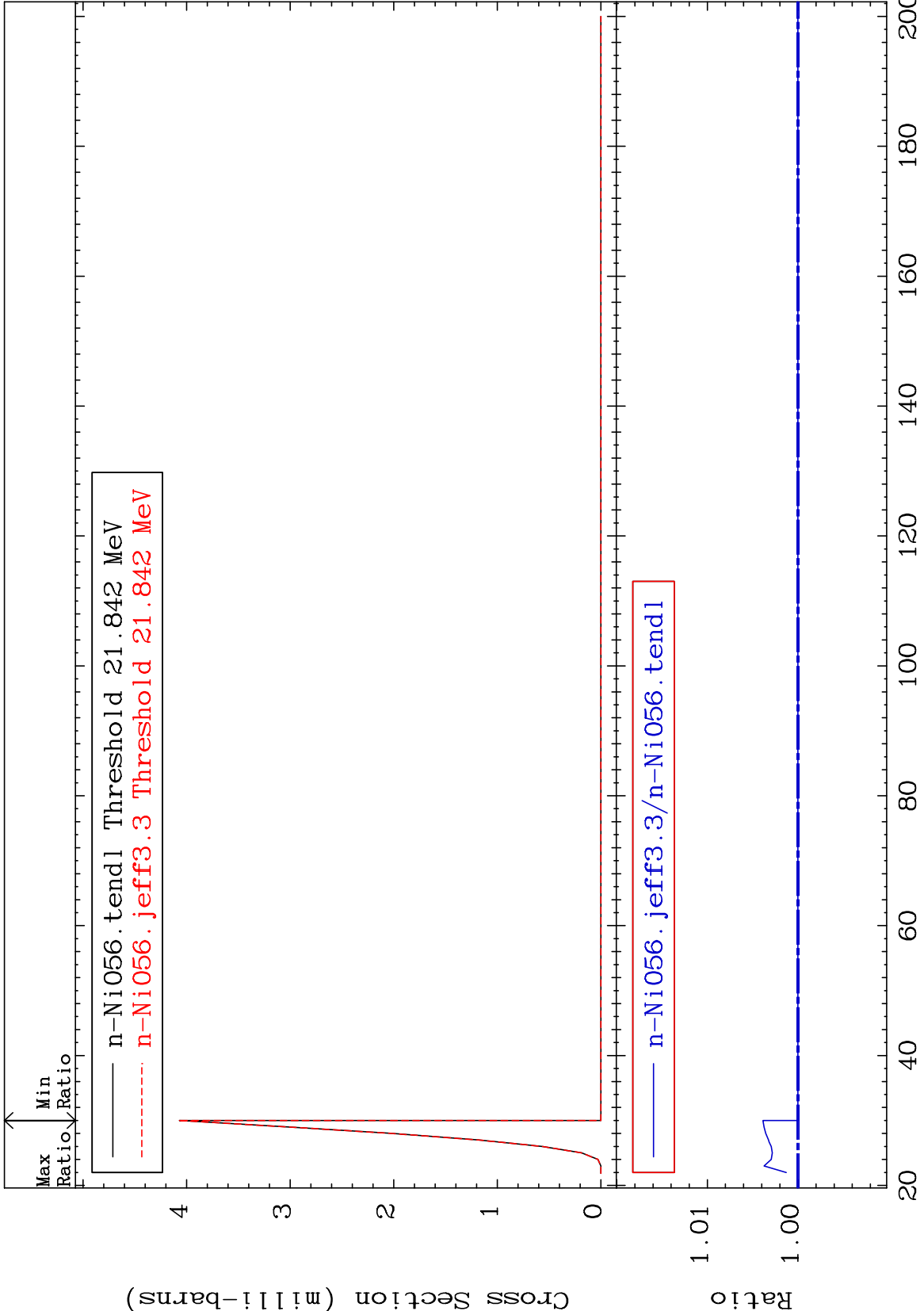
Incident Energy (MeV)

28-Ni-56

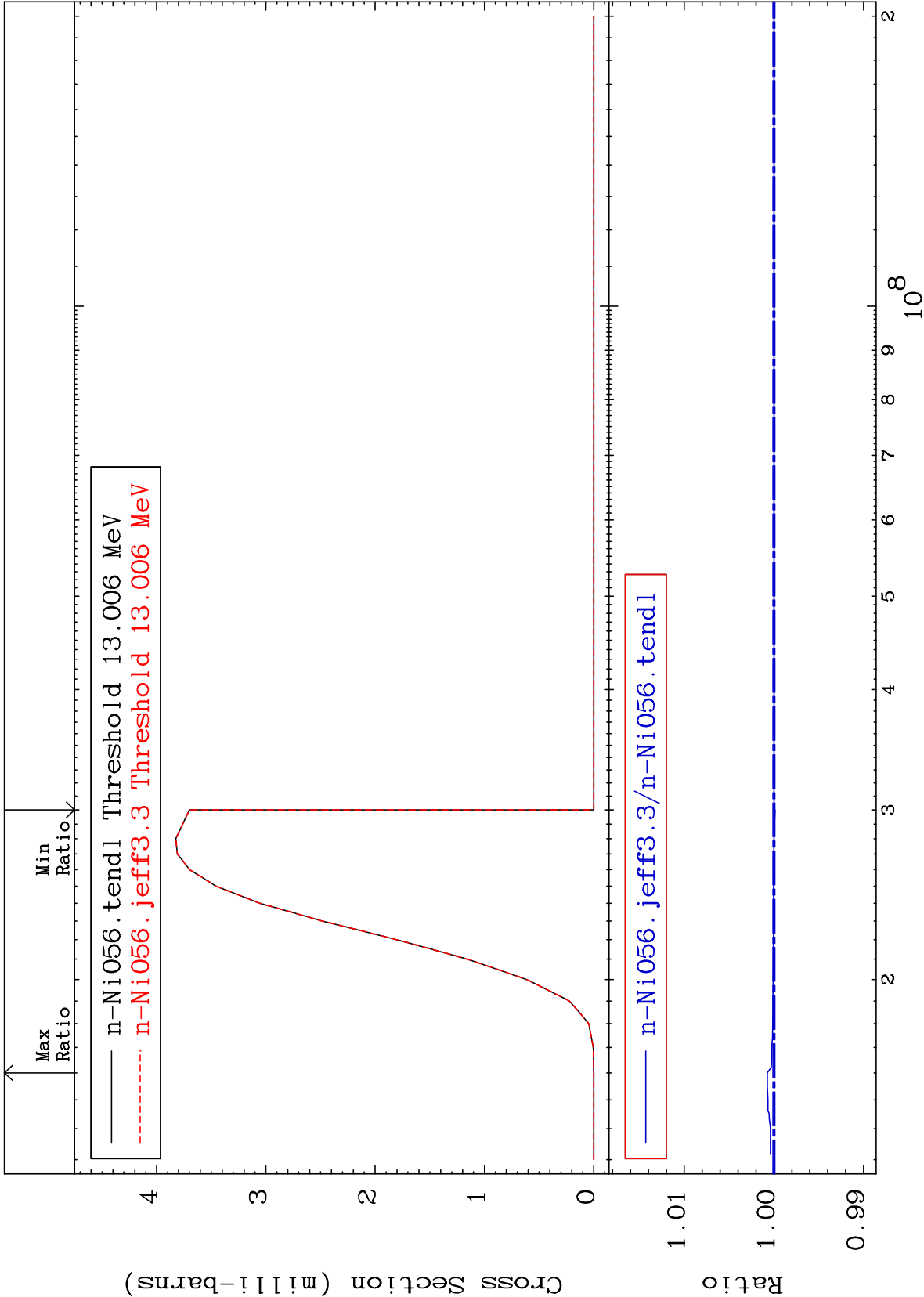
Radionuclide Production Cross Section

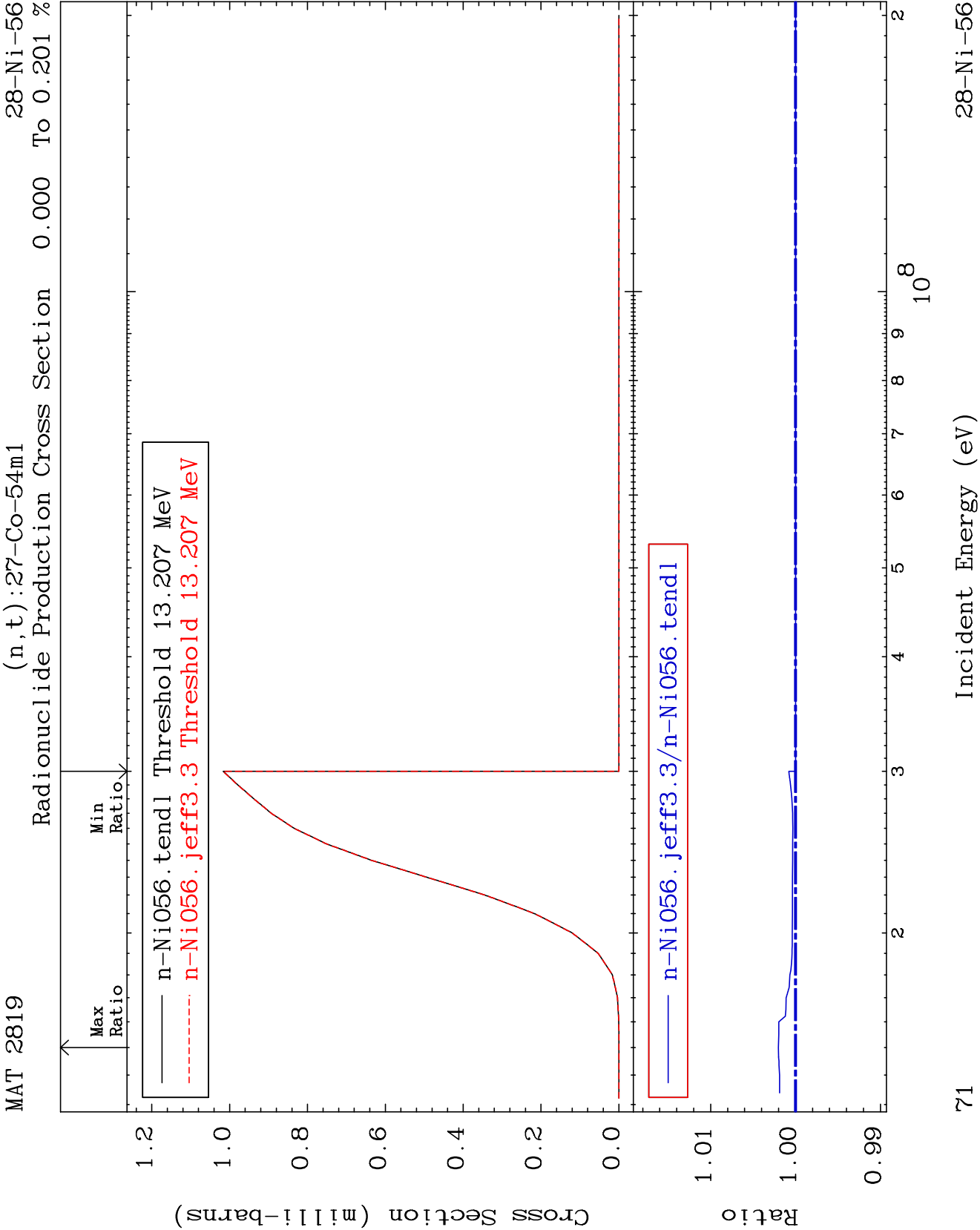
0.000

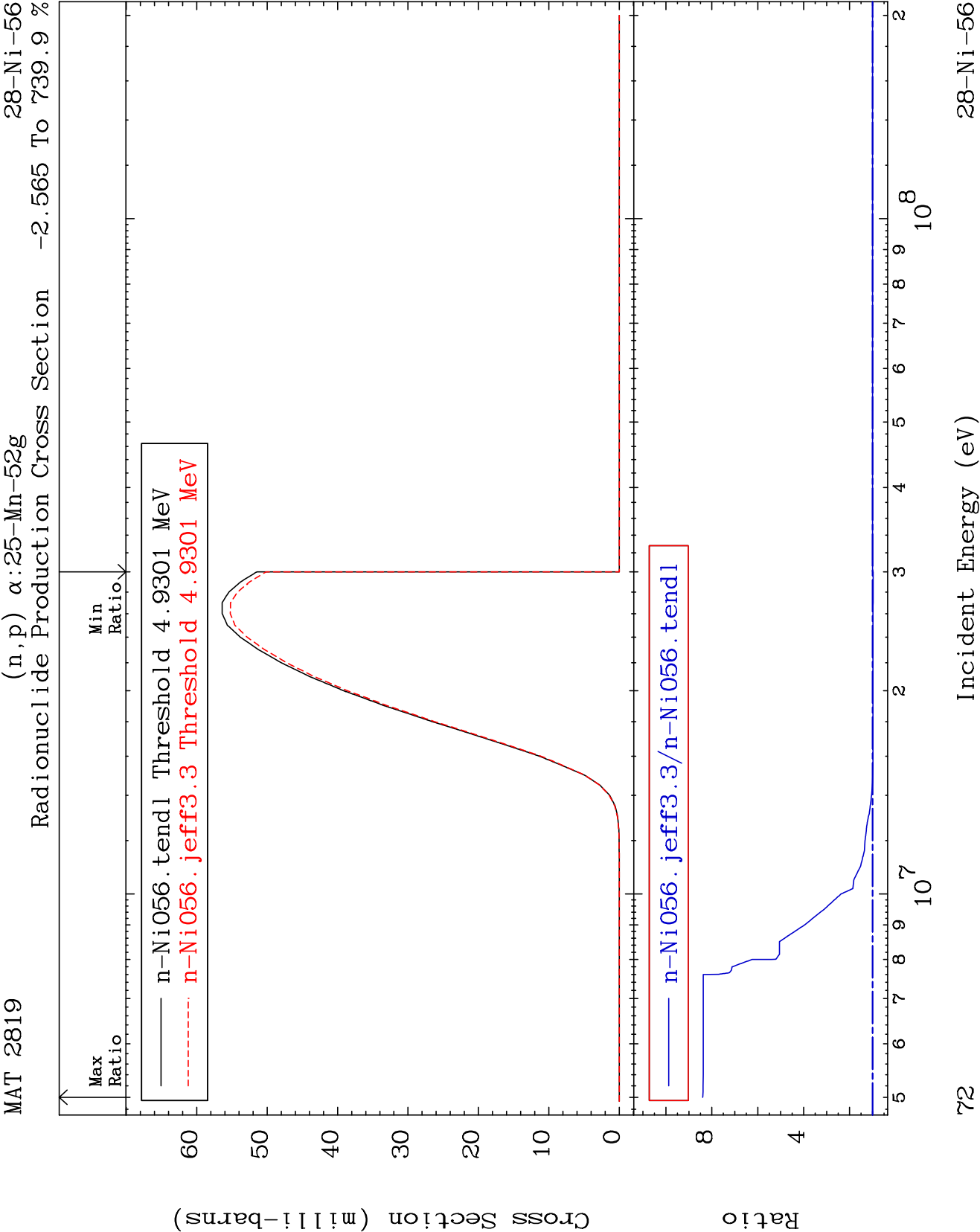
To 0.386 %

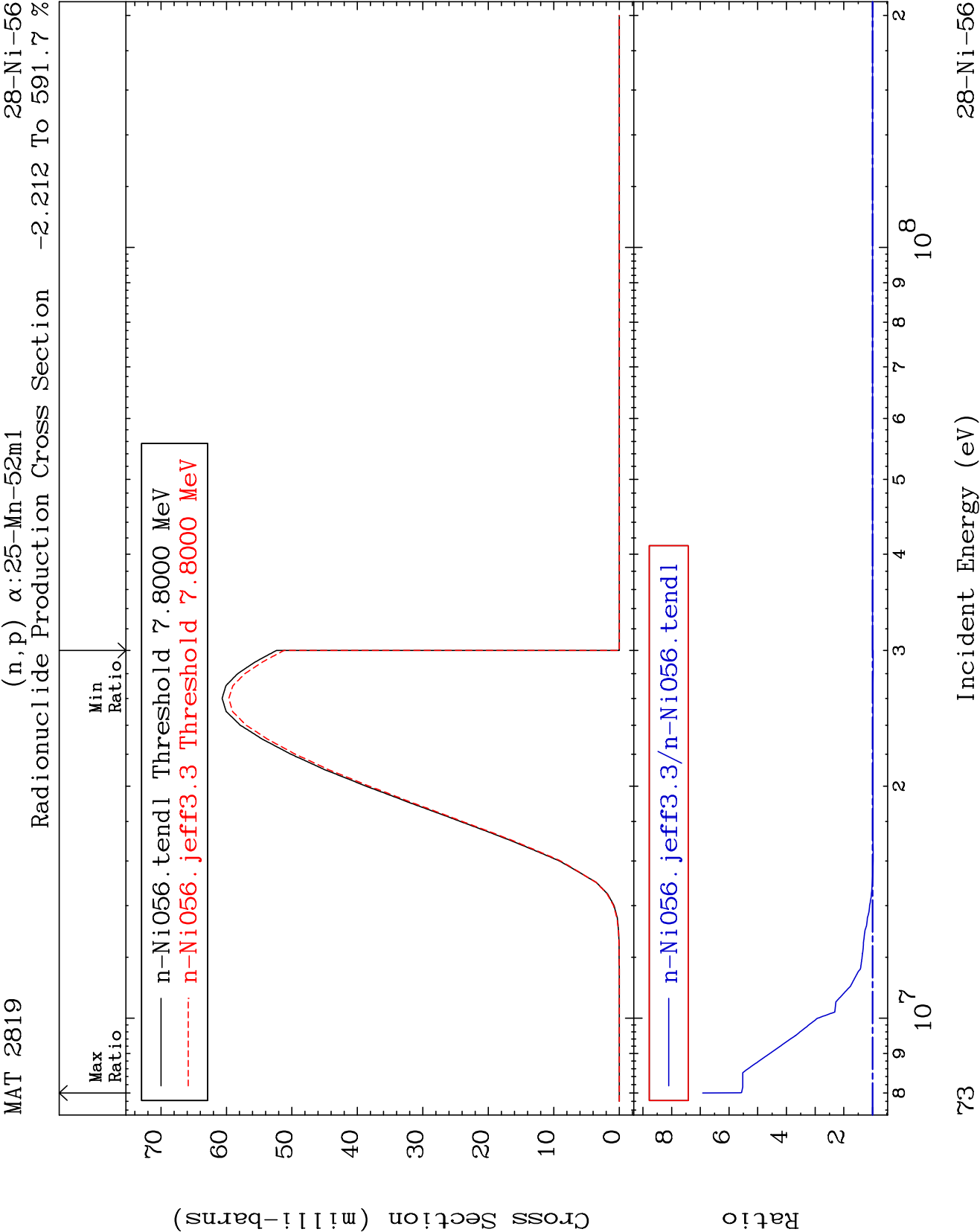


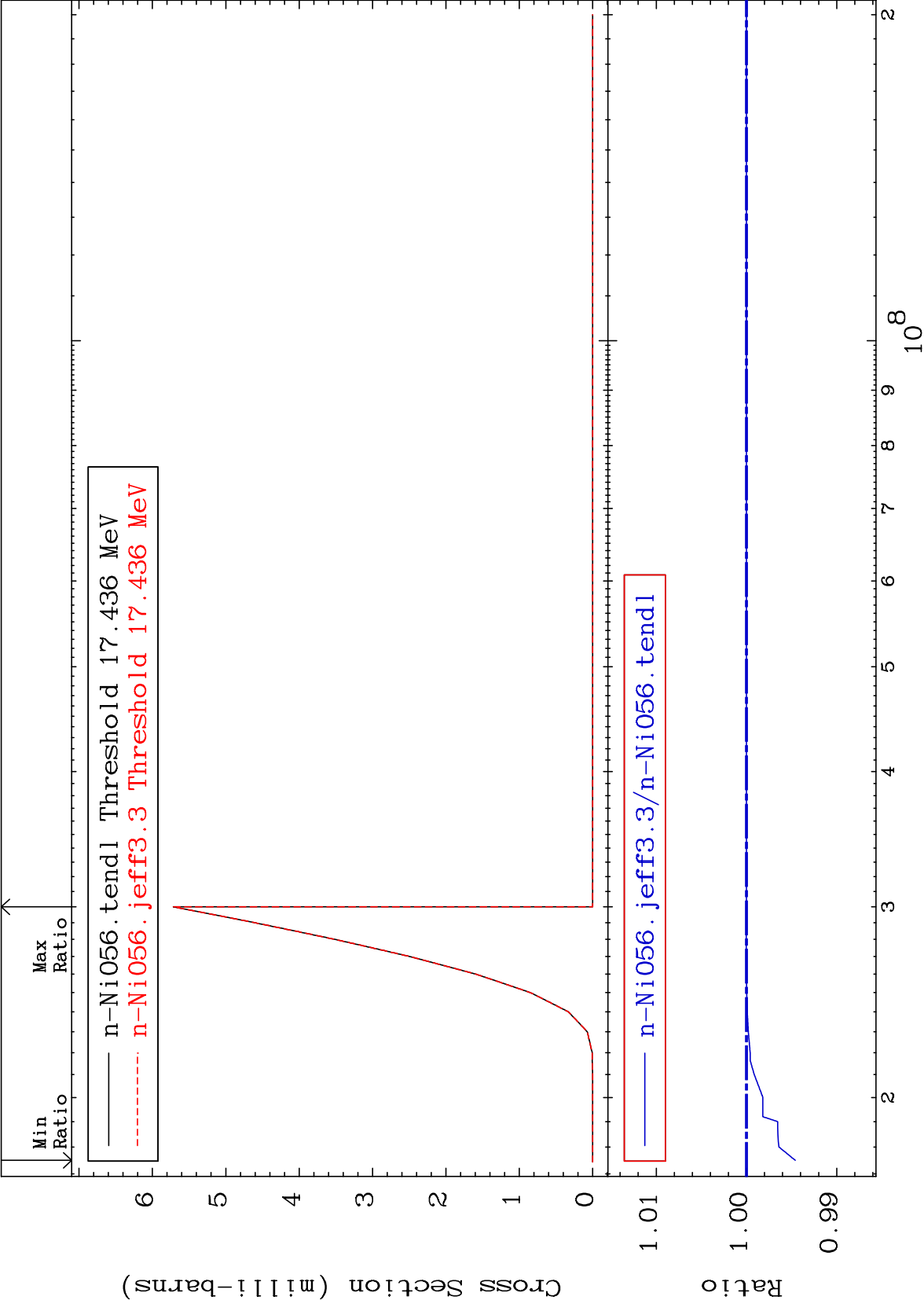
Radionuclide Production Cross Section -0.012 To 0.073 %









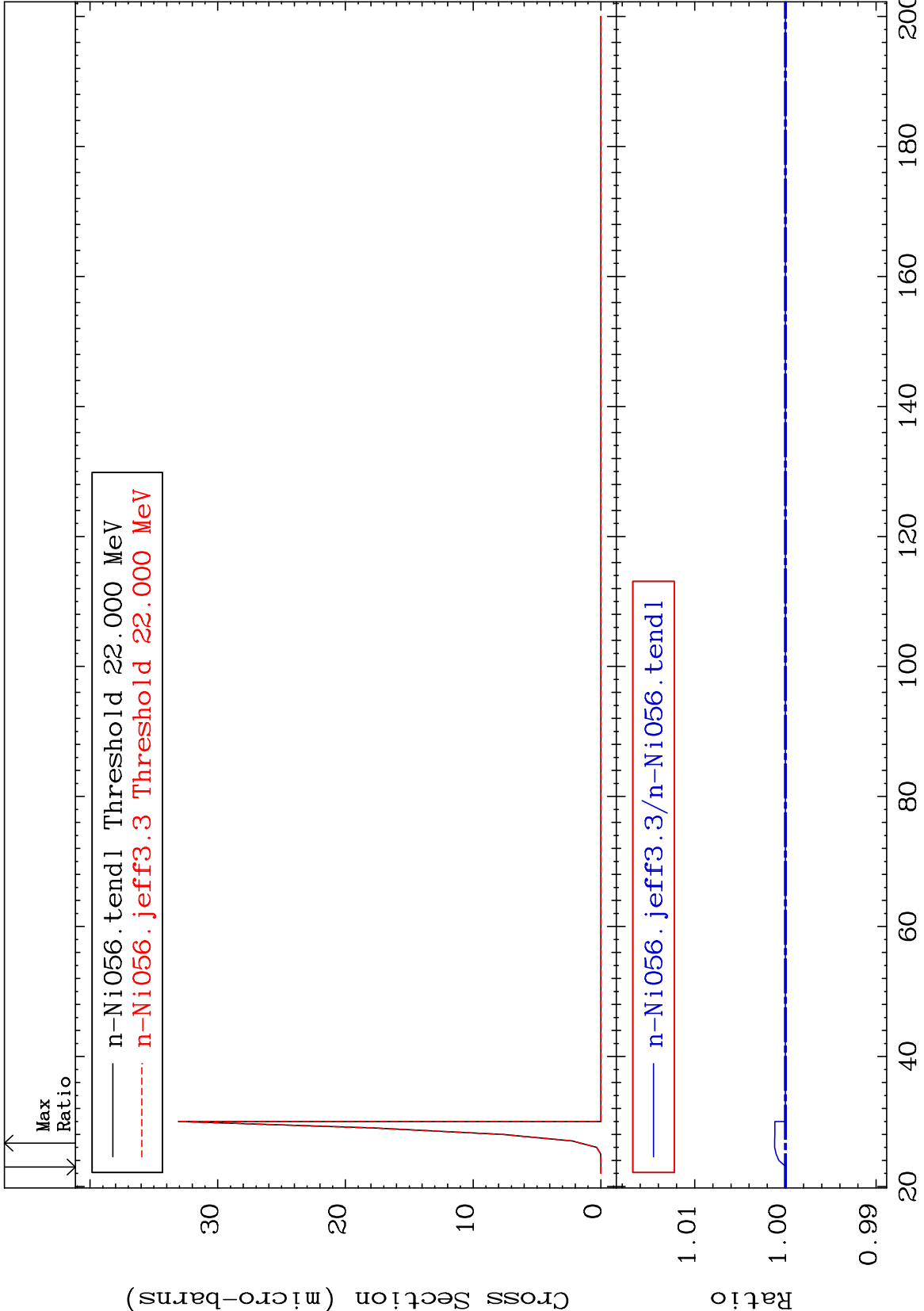


MAT 2819

(n,p) t:26-Fe-53m22

28-Ni-56

Radionuclide Production Cross Section -0.009 To 0.119 %



75

Incident Energy (MeV)

28-Ni-56