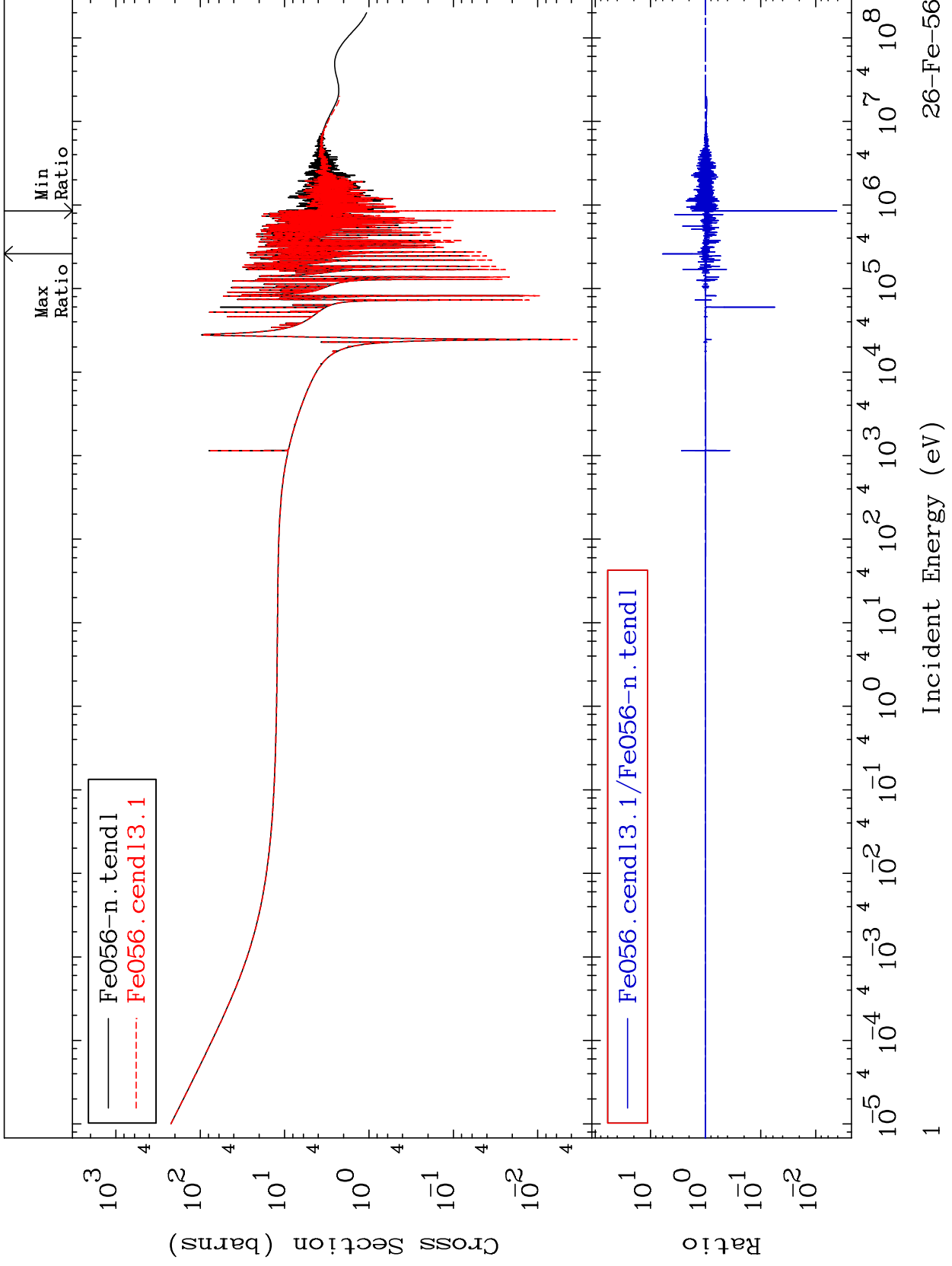


MAT 2631

Total
Cross Section

26-Fe-56
-99.58 To 509.7 %



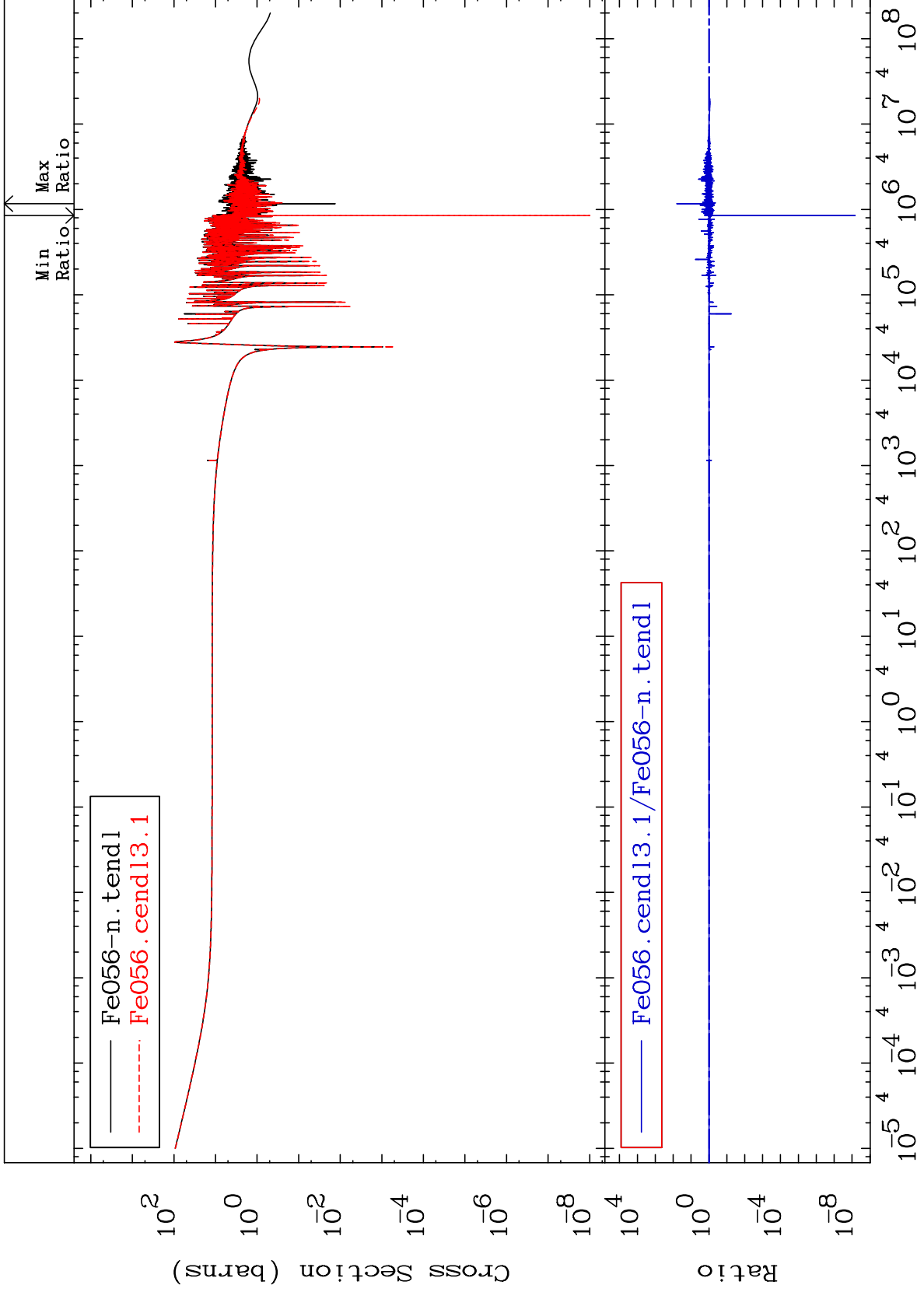
26-Fe-56

Incident Energy (eV)

MAT 2631

Elastic
Cross Section

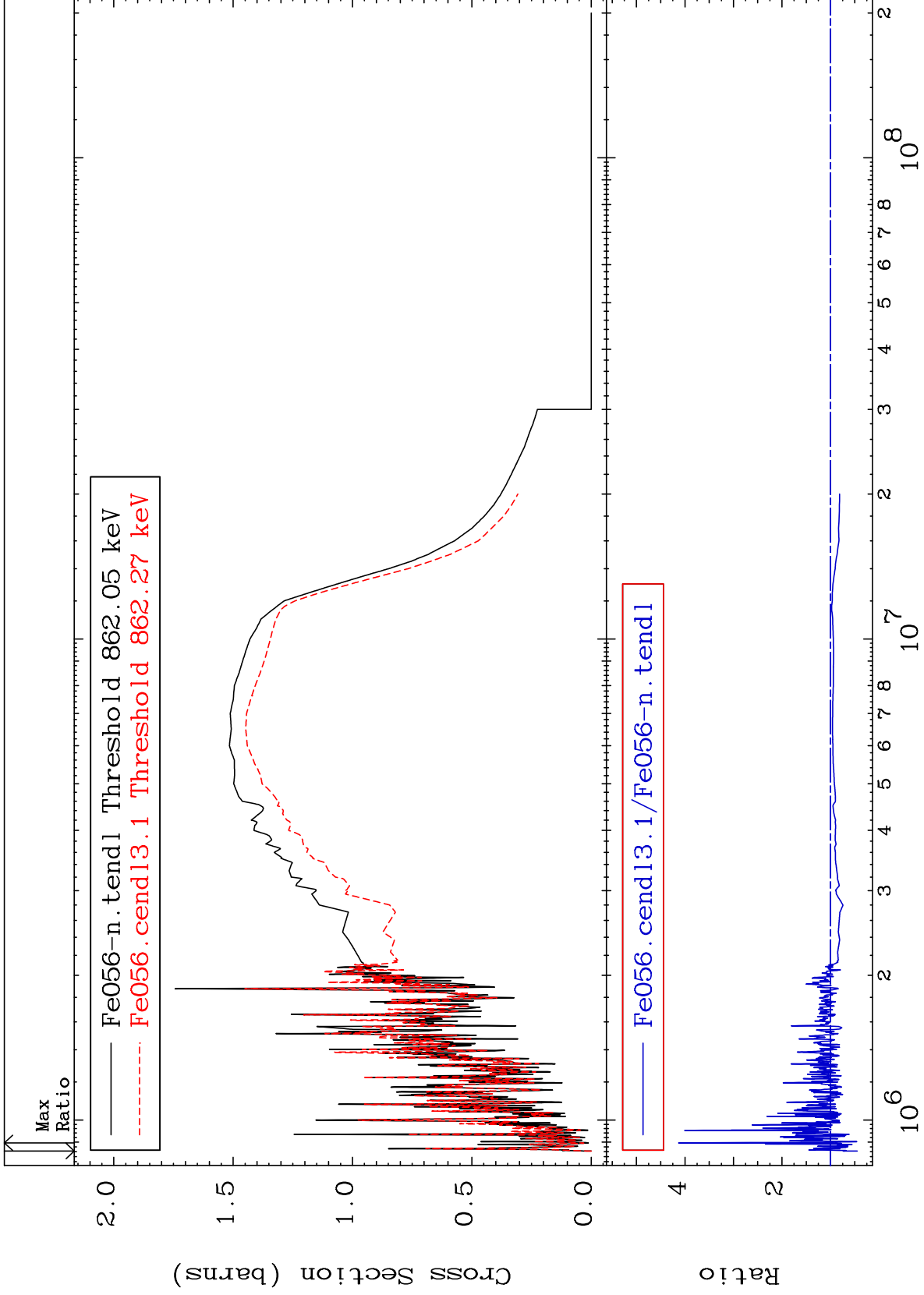
26-Fe-56
-100.0 To 6073. %



MAT 2631

Inelastic
Cross Section

²⁶Fe-56
-55.22 To 313.1 %



3

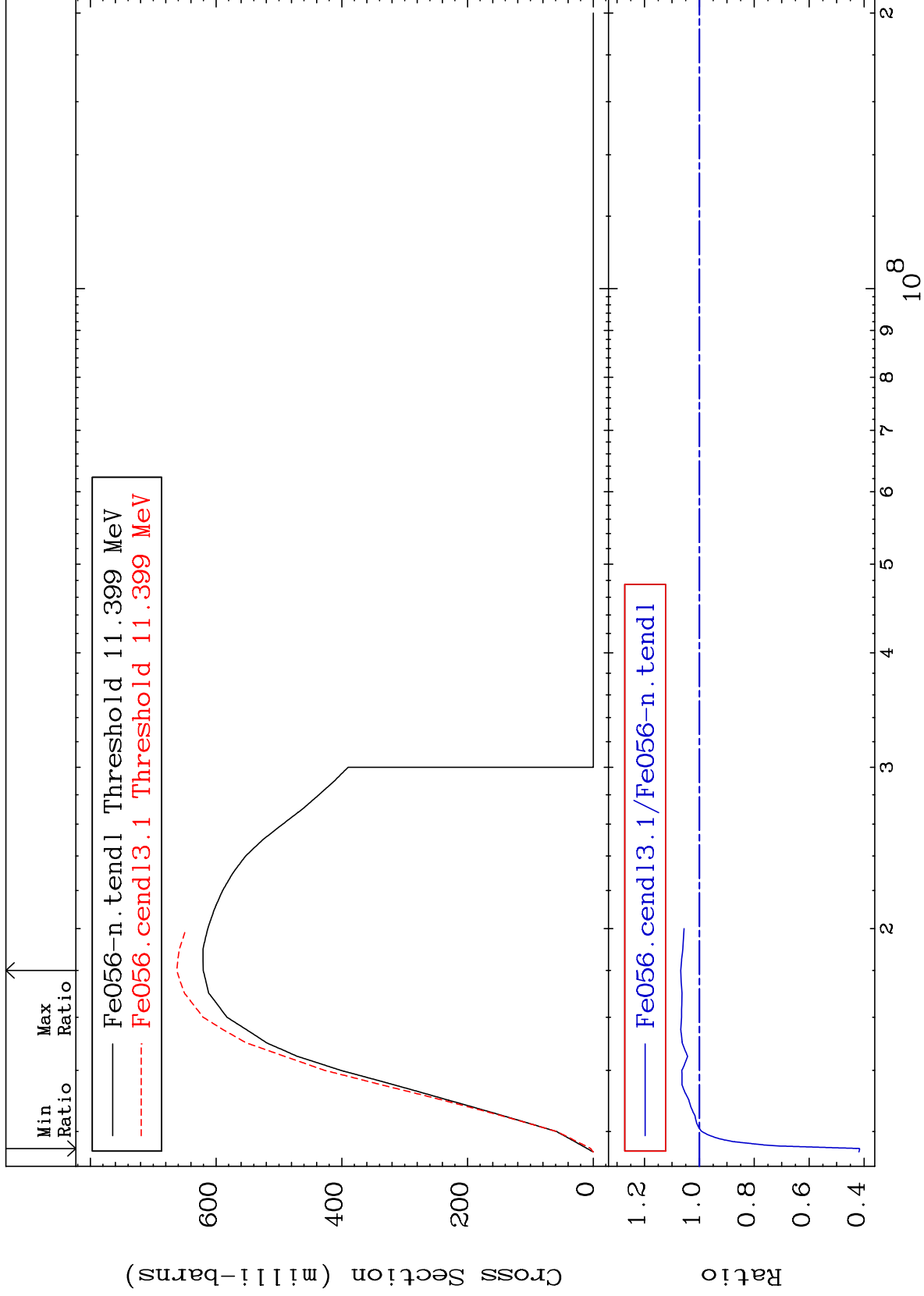
Incident Energy (eV)

²⁶Fe-56

MAT 2631

(n,2n)
Cross Section

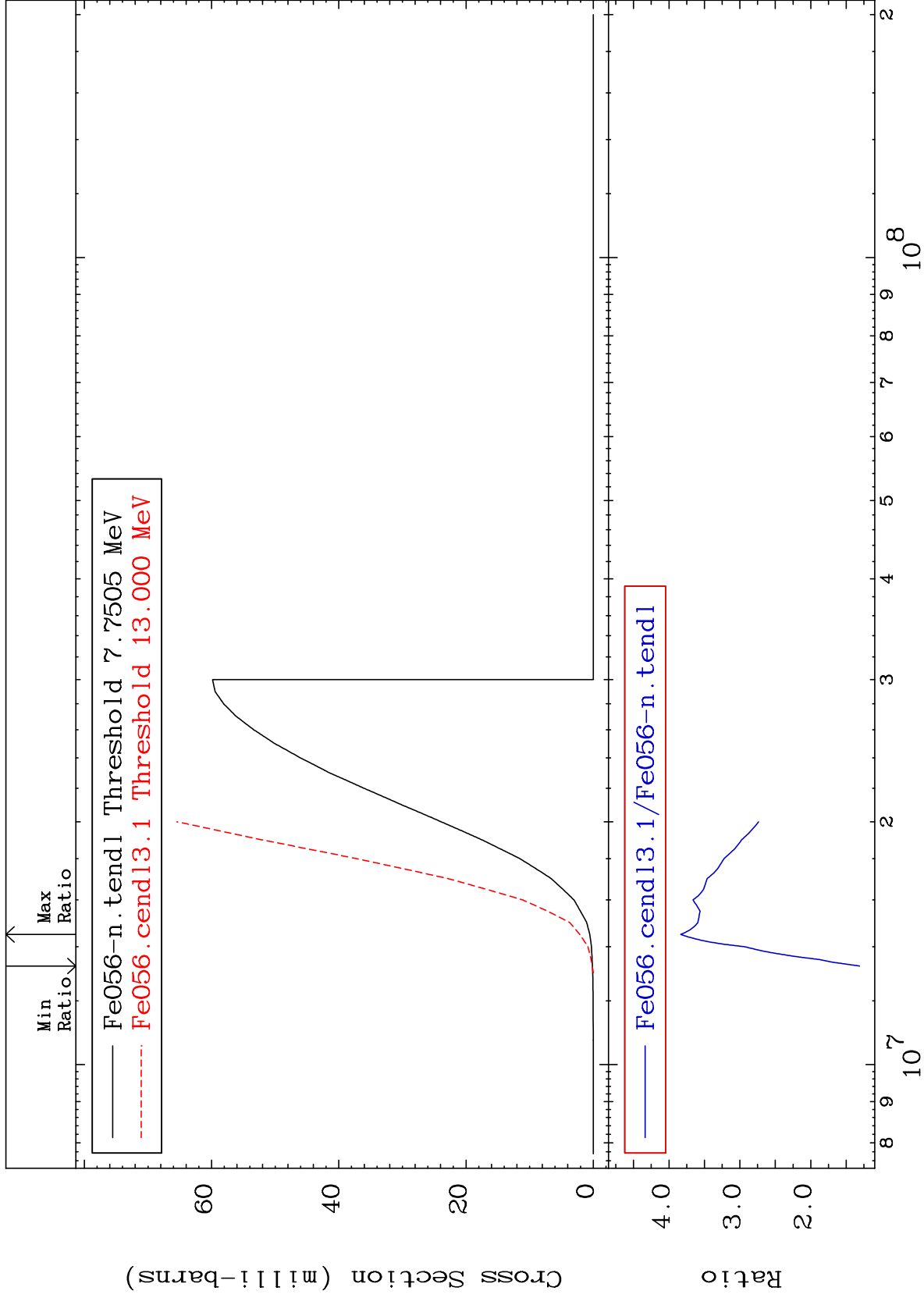
²⁶Fe-56
-58.33 To 6.787 %



MAT 2631

(n, n') α
Cross Section

26-Fe-56
31.20 To 283.4 %



5

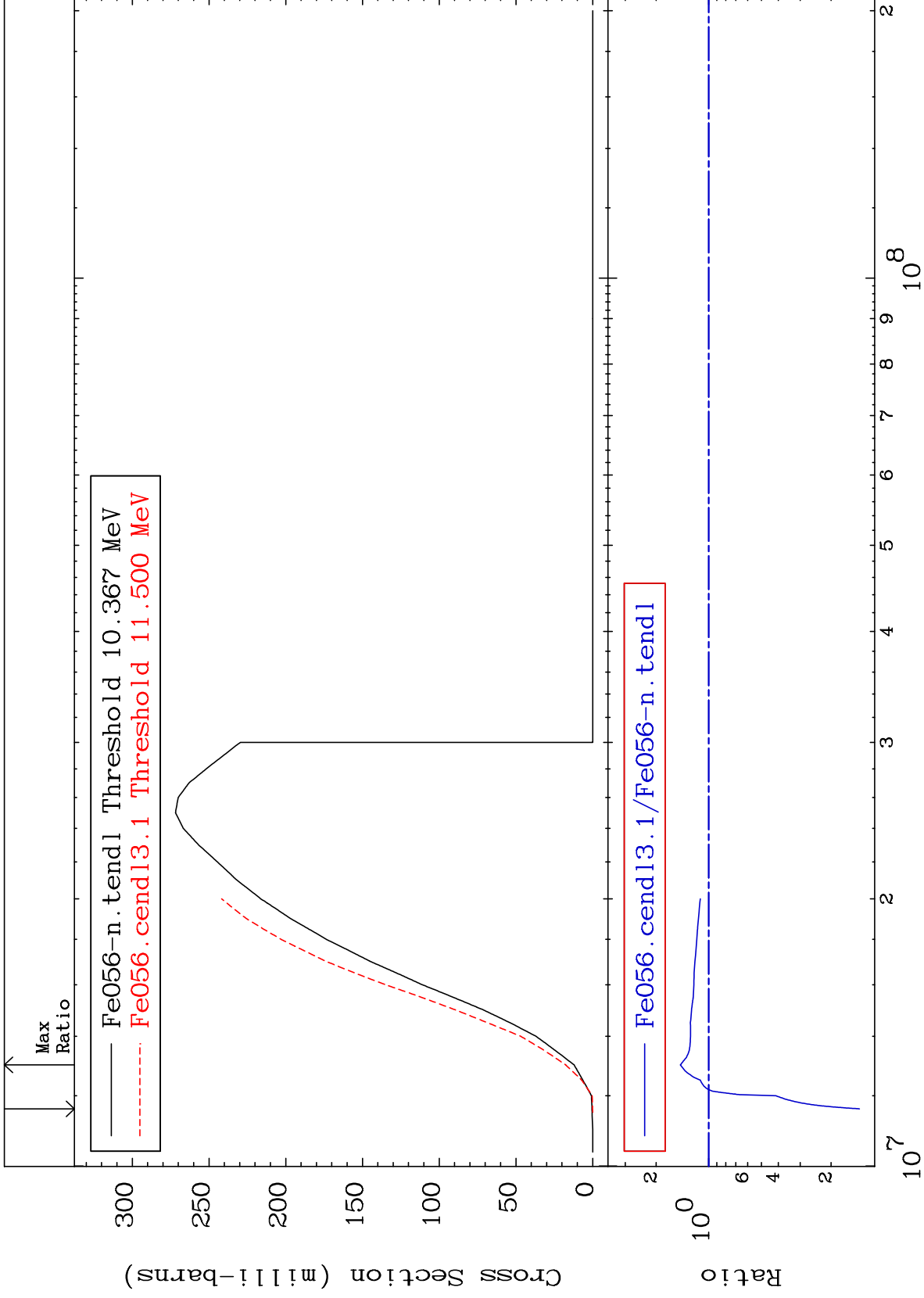
Incident Energy (eV)

26-Fe-56

MAT 2631

(n,n') p
Cross Section

²⁶Fe-56
-86.24 To 45.31 %



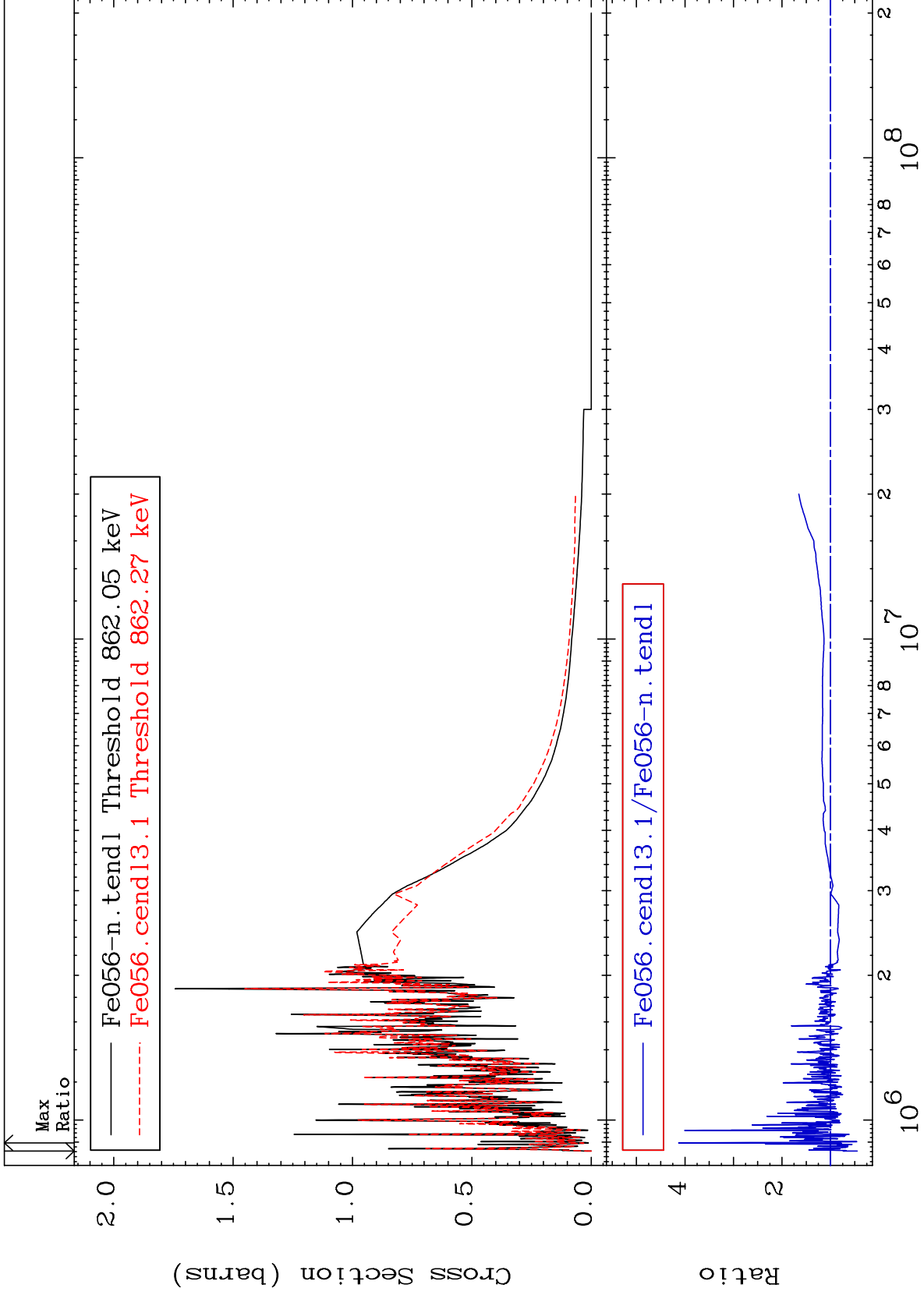
Incident Energy (eV)

²⁶Fe-56

MAT 2631

846.8 keV (n,n') Level
Cross Section

26-Fe-56
-55.22 To 313.1 %



7

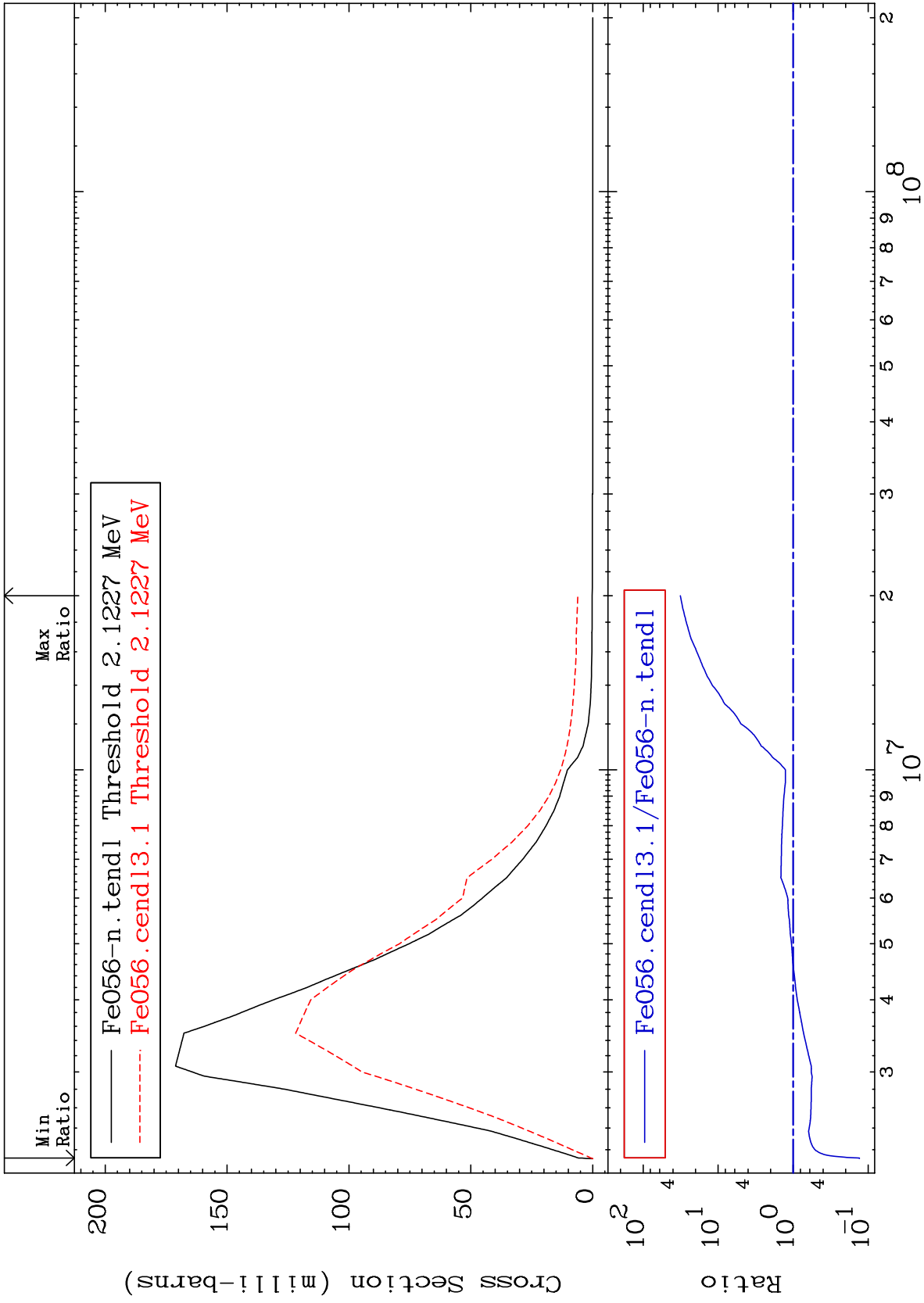
Incident Energy (eV)

26-Fe-56

MAT 2631

2.085 MeV (n,n') Level
Cross Section

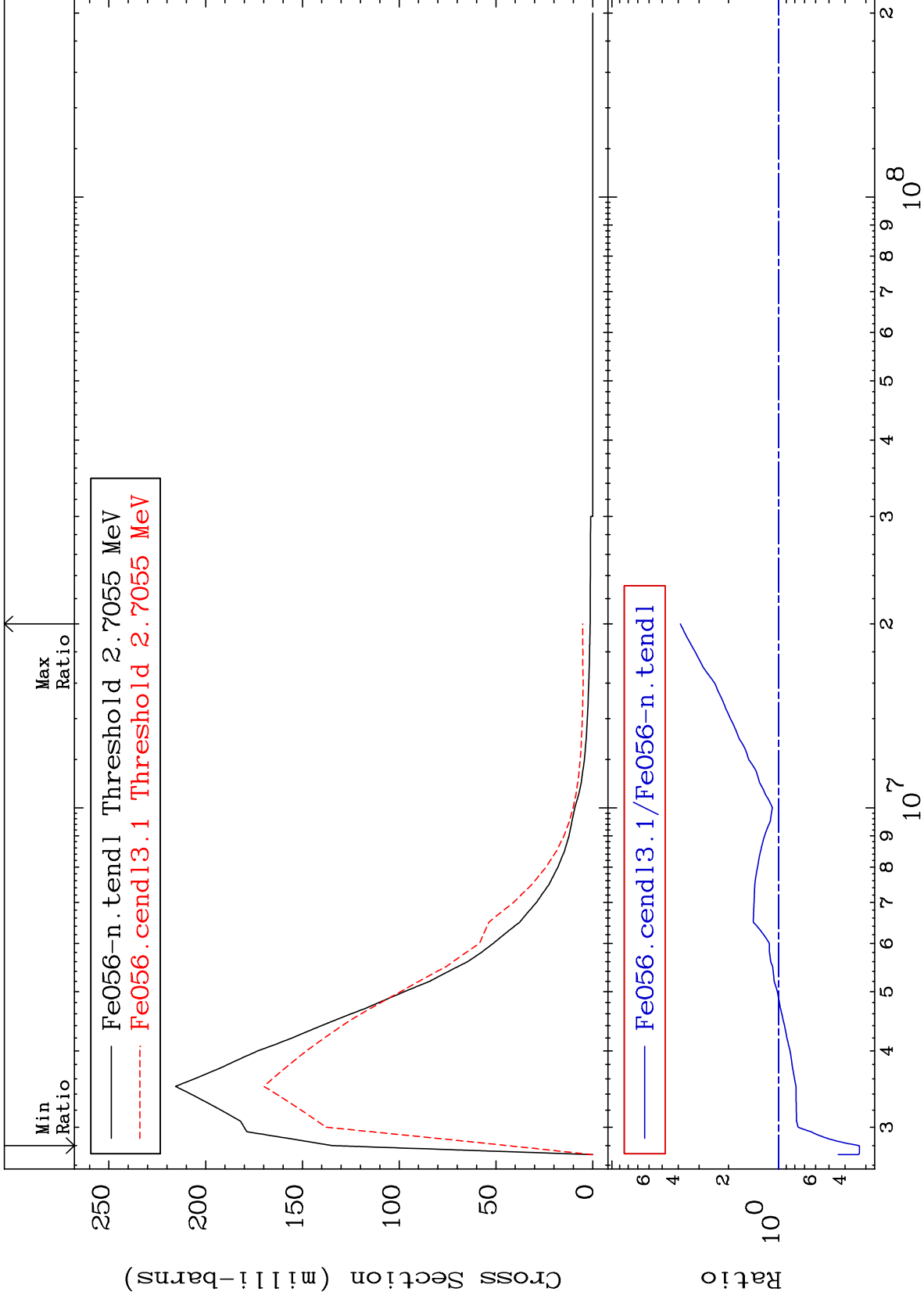
²⁶Fe-56
-86.90 To 3088. %



MAT 2631

2.658 MeV (n,n') Level
Cross Section

²⁶Fe-56
-67.21 To 288.9 %



9

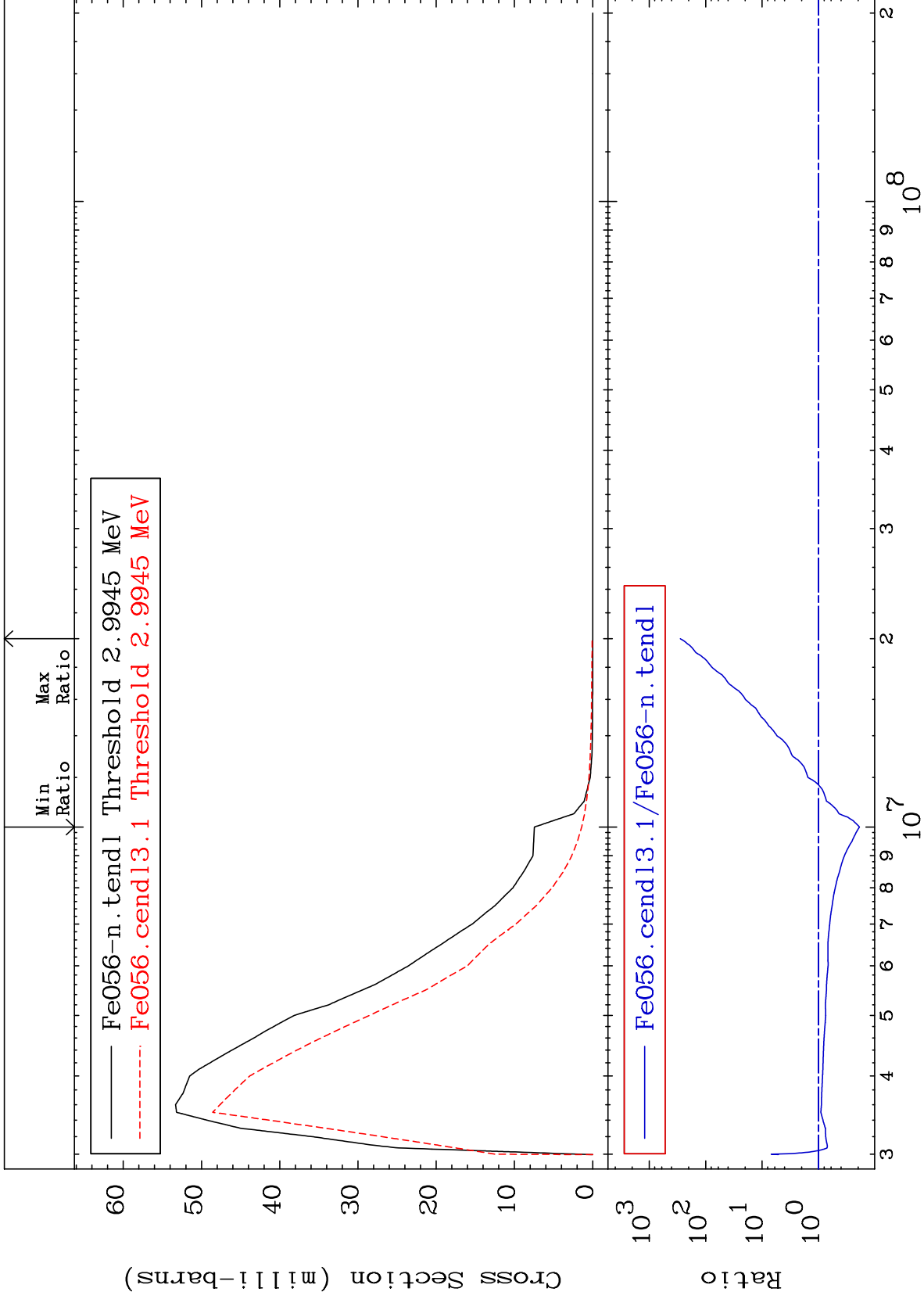
Incident Energy (eV)

²⁶Fe-56

MAT 2631

2.942 MeV (n,n') Level
Cross Section

26-Fe-56
-81.05 To 9999. %



10

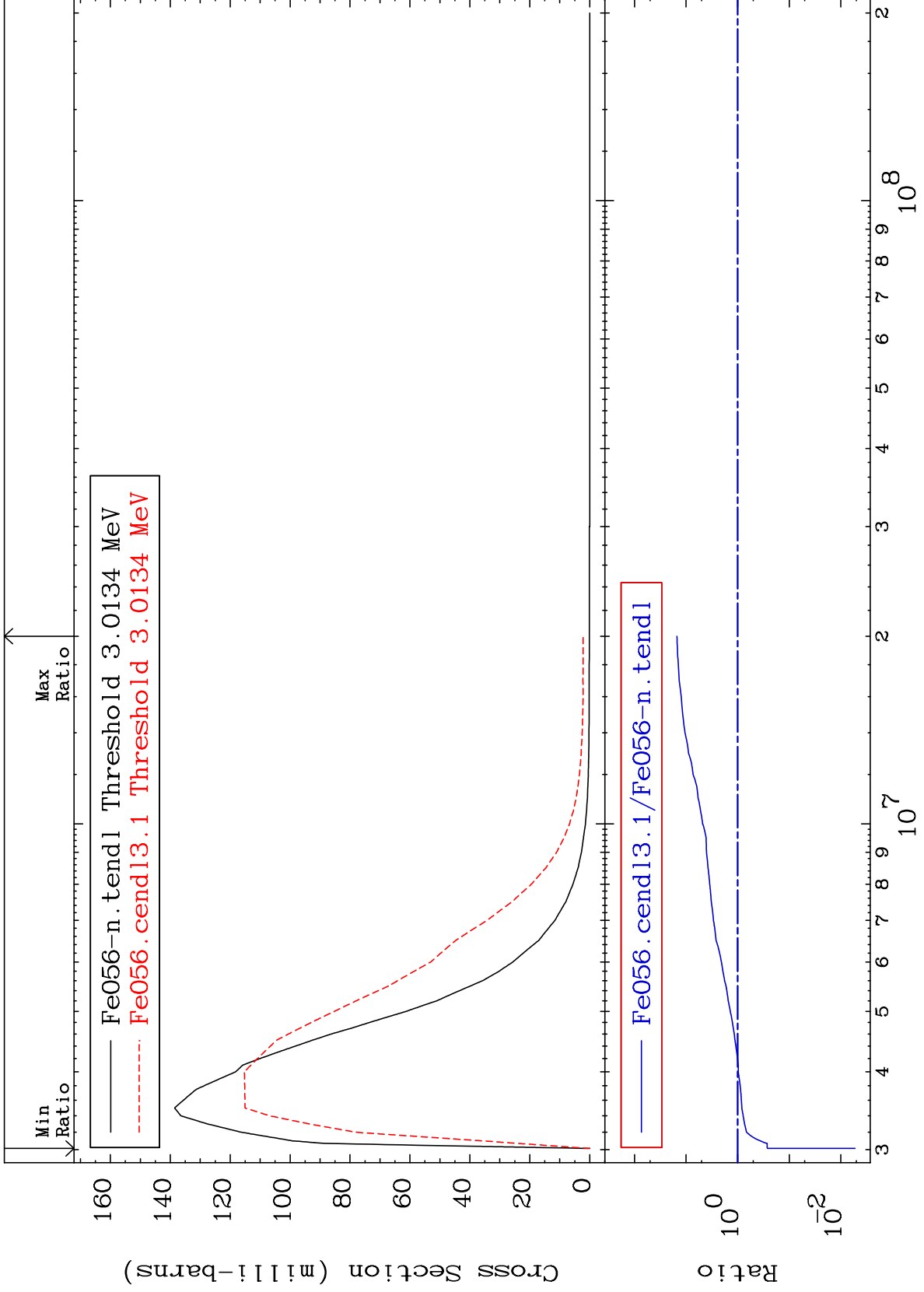
Incident Energy (eV)

26-Fe-56

MAT 2631

2.960 MeV (n,n') Level
Cross Section

26-Fe-56
-99.47 To 1407. %



11

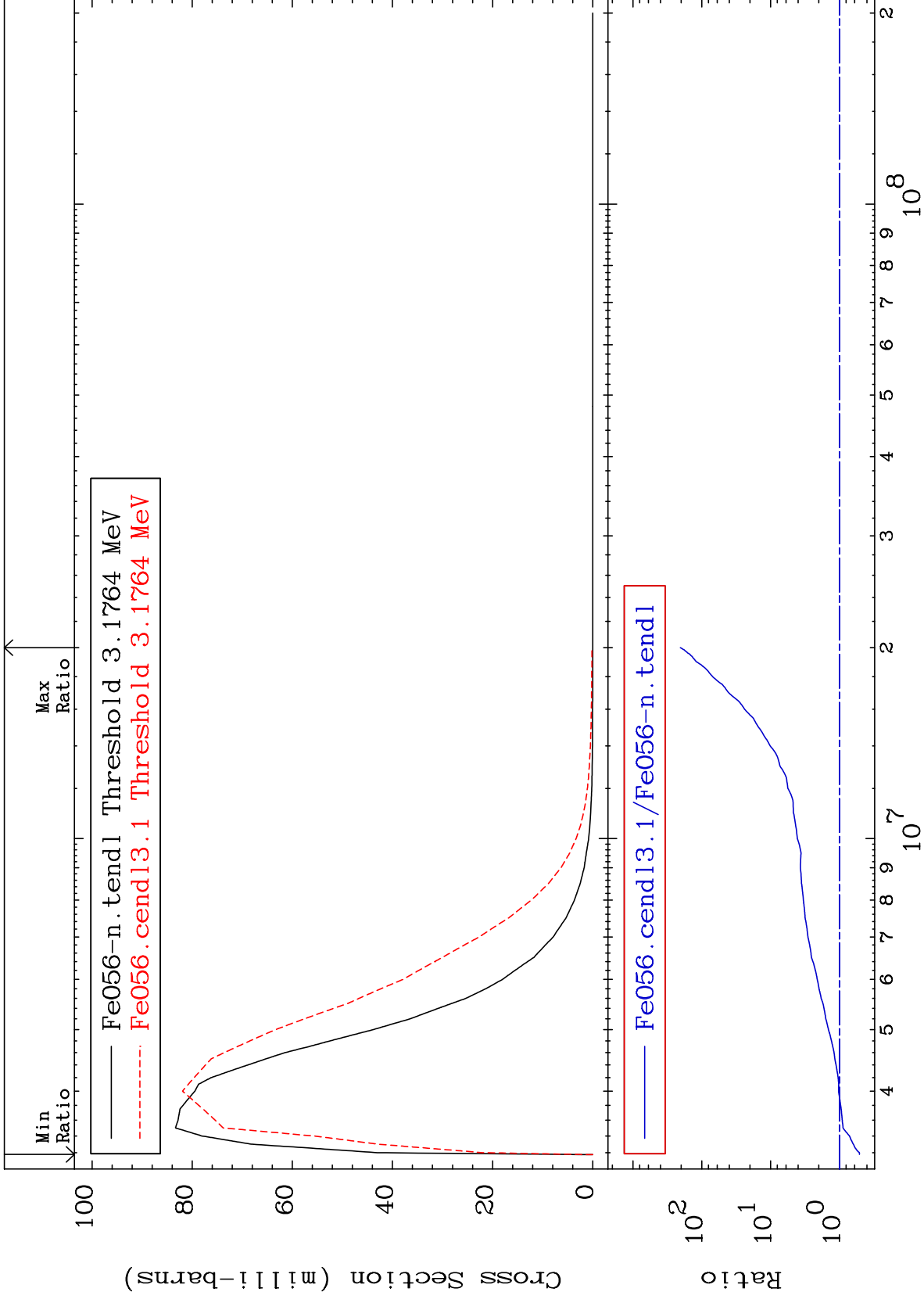
Incident Energy (eV)

26-Fe-56

MAT 2631

3.120 MeV (n,n') Level
Cross Section

²⁶Fe-56
-48.75 To 9999. %



12

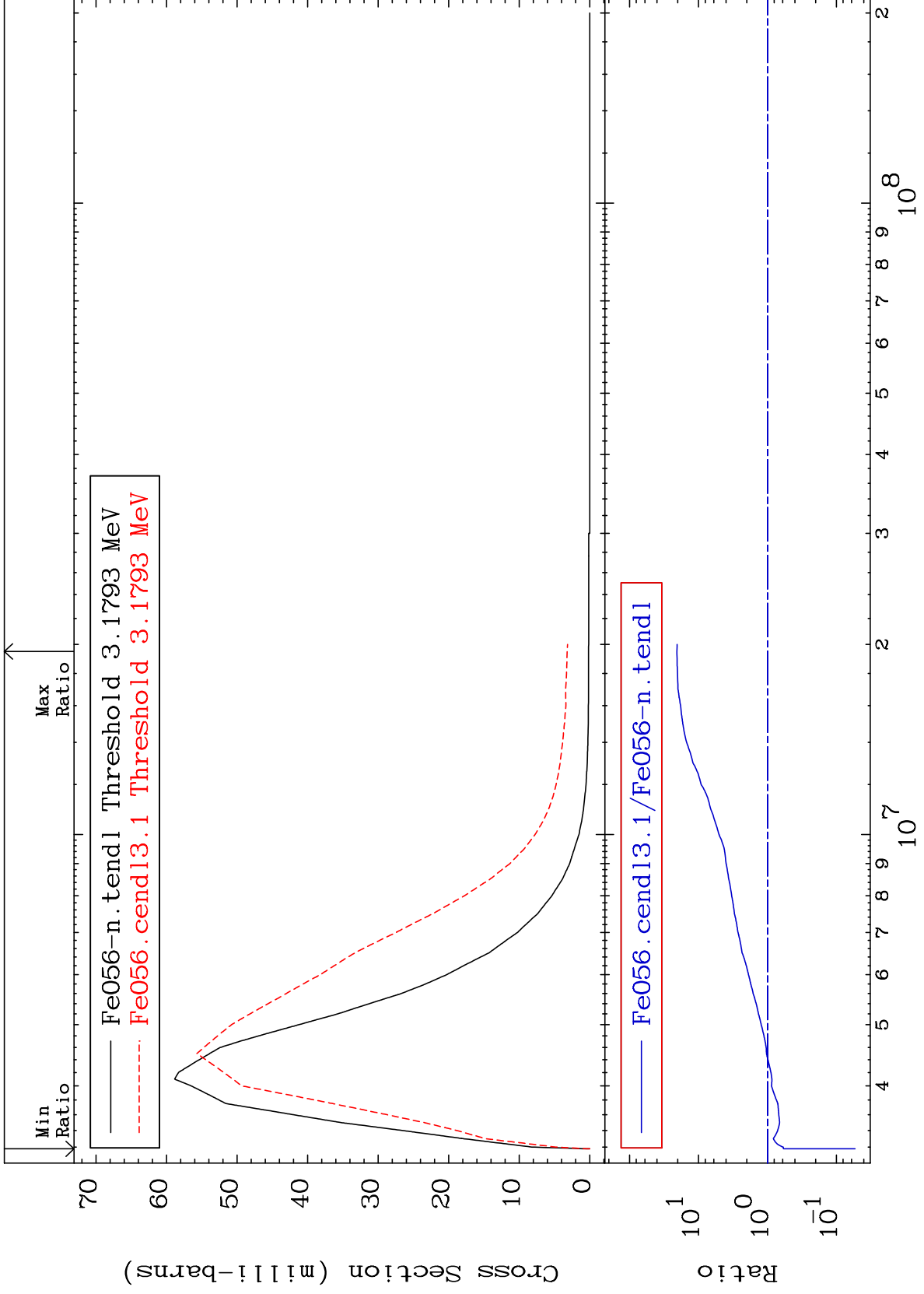
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.123 MeV (n,n') Level
Cross Section

26-Fe-56
-94.65 To 1959. %



13

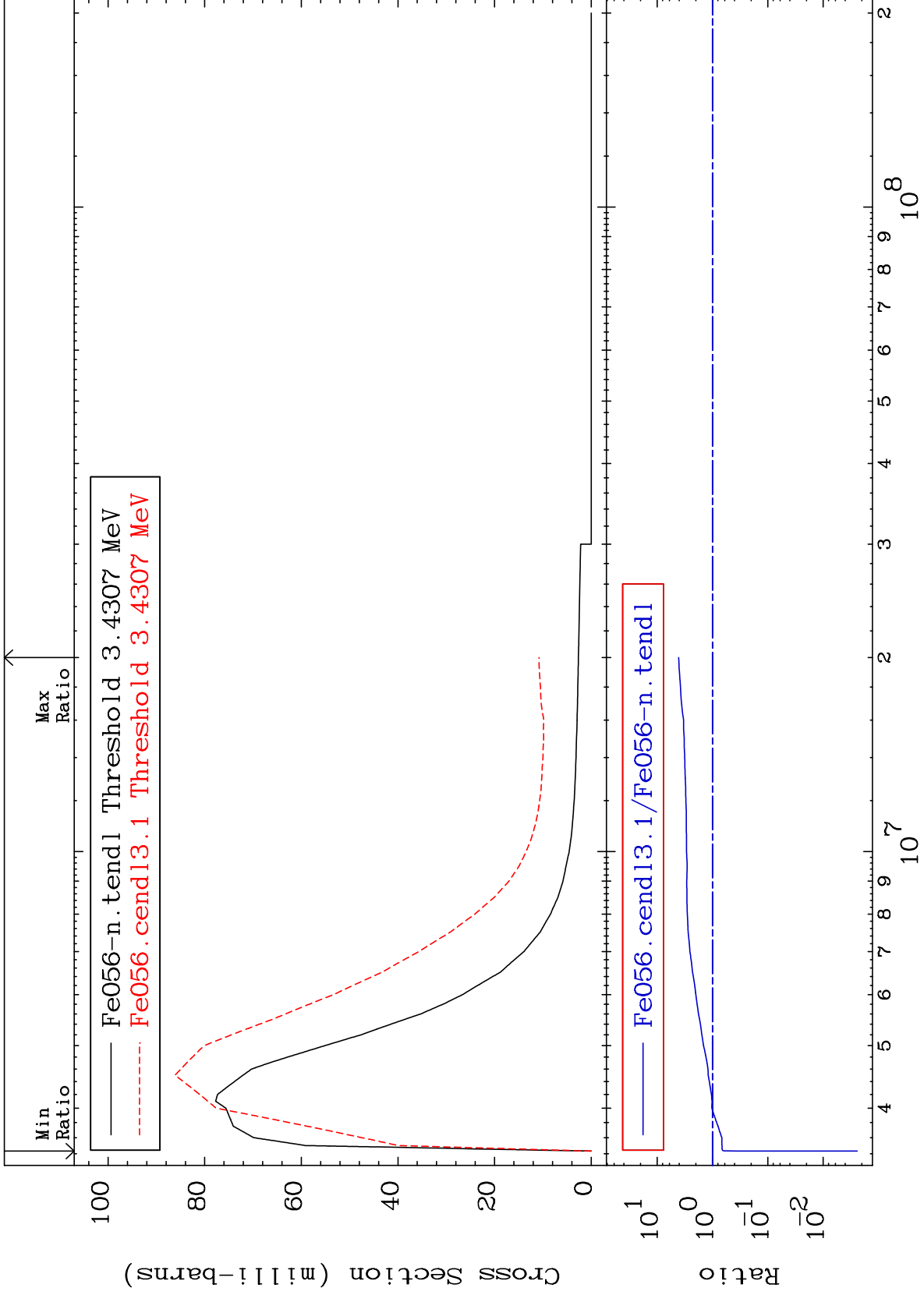
Incident Energy (eV)

26-Fe-56

MAT 2631

3.370 MeV (n,n') Level
Cross Section

26-Fe-56
-99.76 To 309.4 %



14

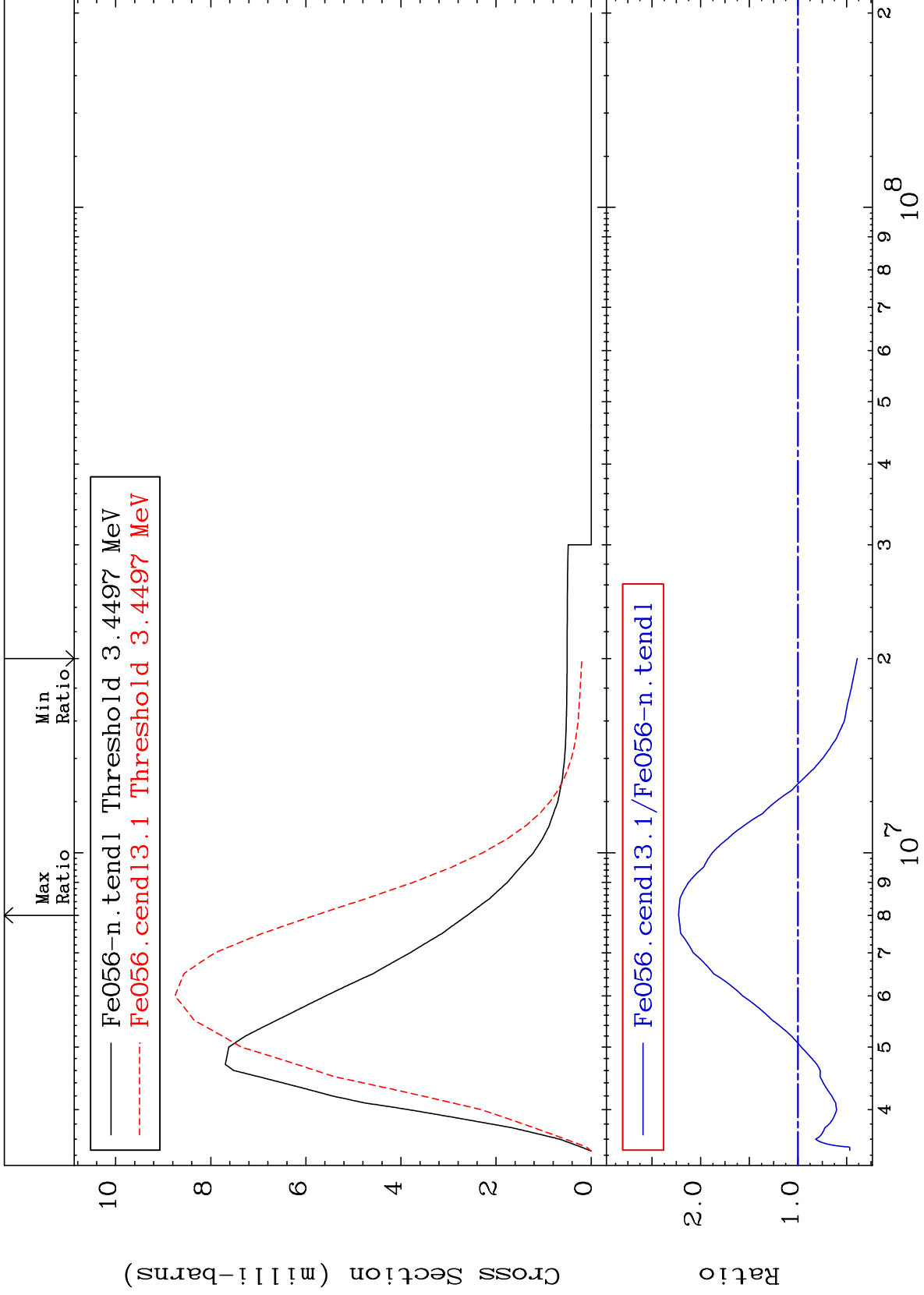
Incident Energy (eV)

26-Fe-56

MAT 2631

3.389 MeV (n,n') Level
Cross Section

26-Fe-56
-60.98 To 122.7 %



15

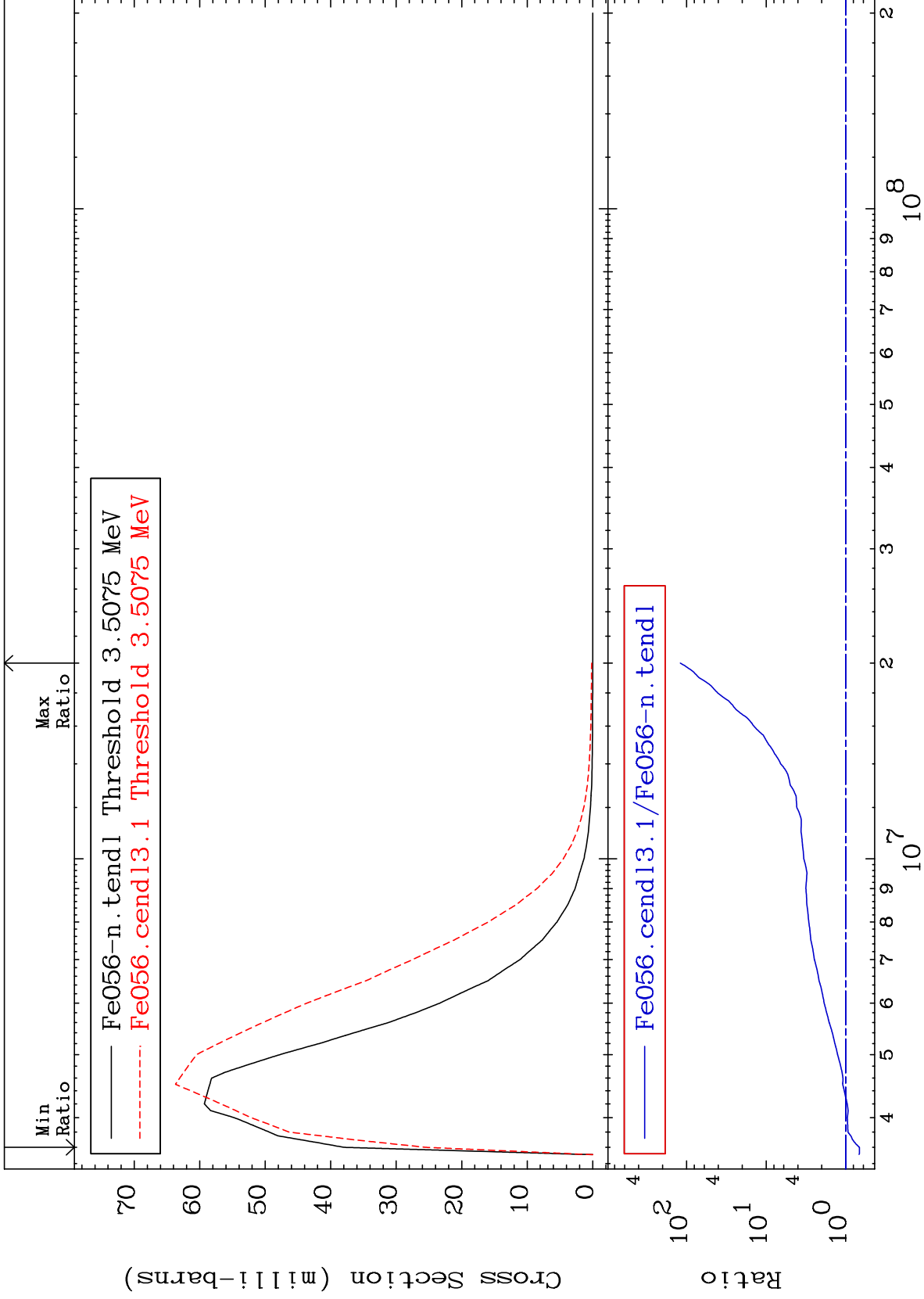
Incident Energy (eV)

26-Fe-56

MAT 2631

3.445 MeV (n,n') Level
Cross Section

26-Fe-56
-32.71 To 9999. %



16

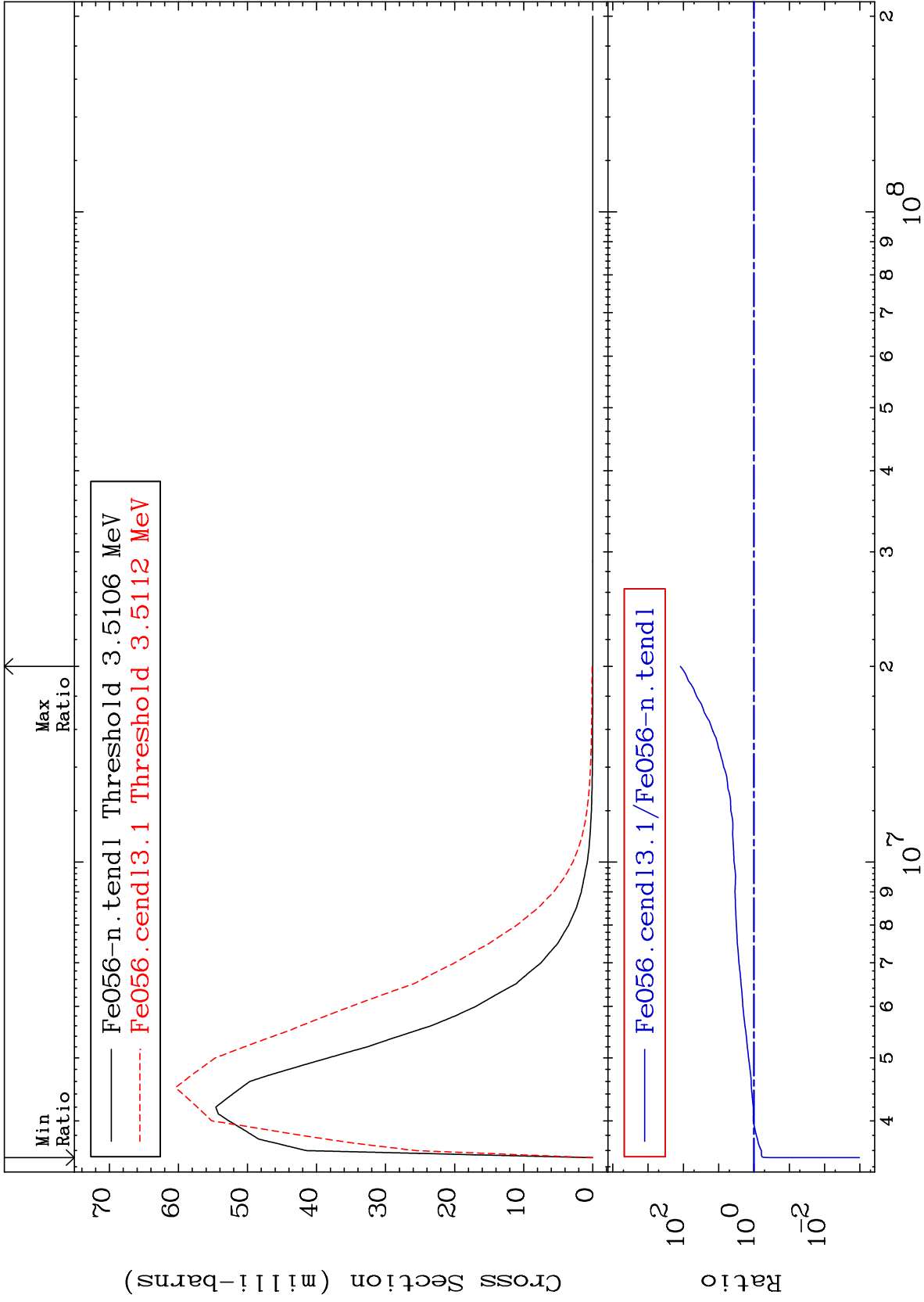
Incident Energy (eV)

26-Fe-56

MAT 2631

3.448 MeV (n,n') Level
Cross Section

26-Fe-56
-99.90 To 9999. %



17

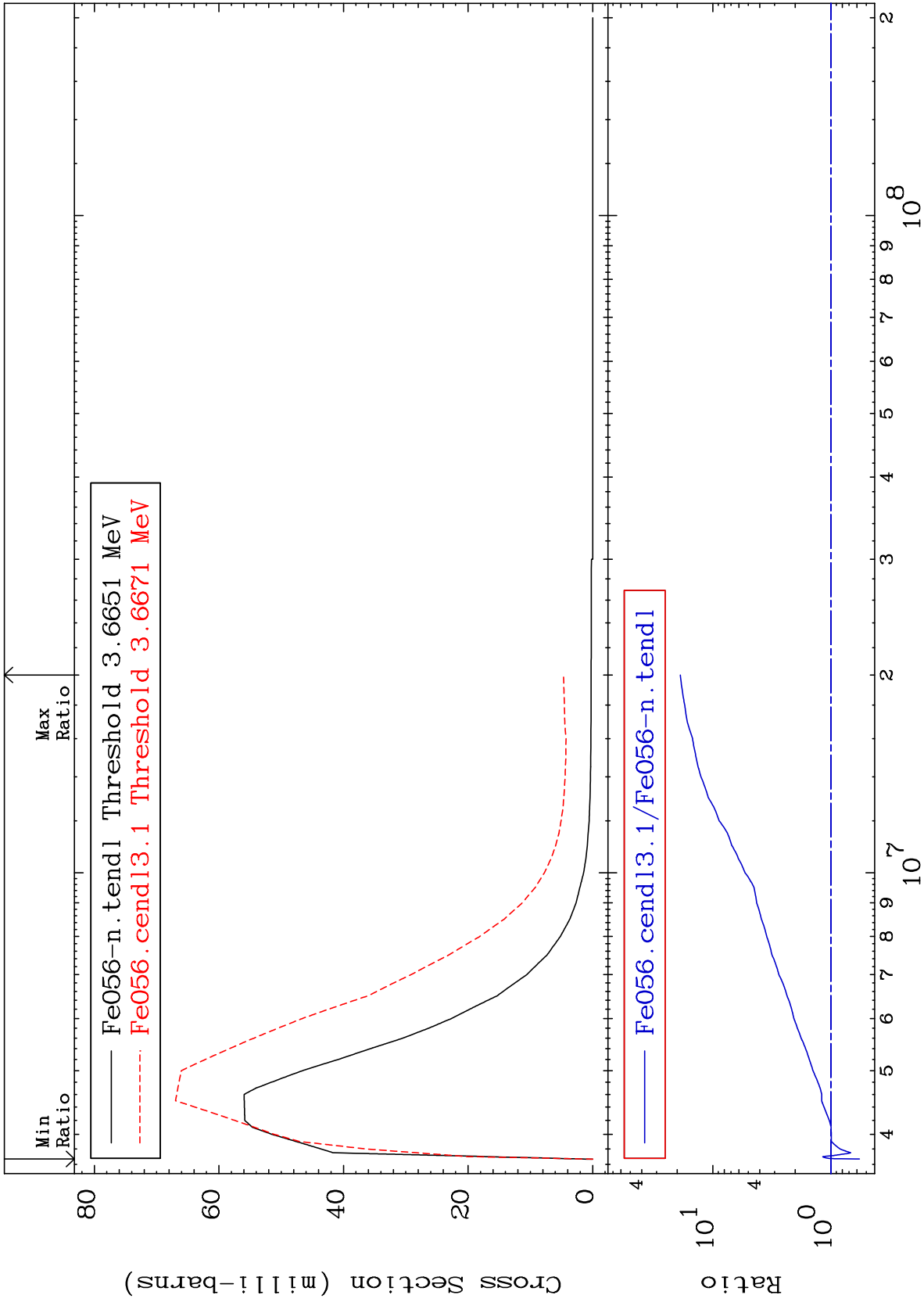
Incident Energy (eV)

26-Fe-56

MAT 2631

3.600 MeV (n,n') Level
Cross Section

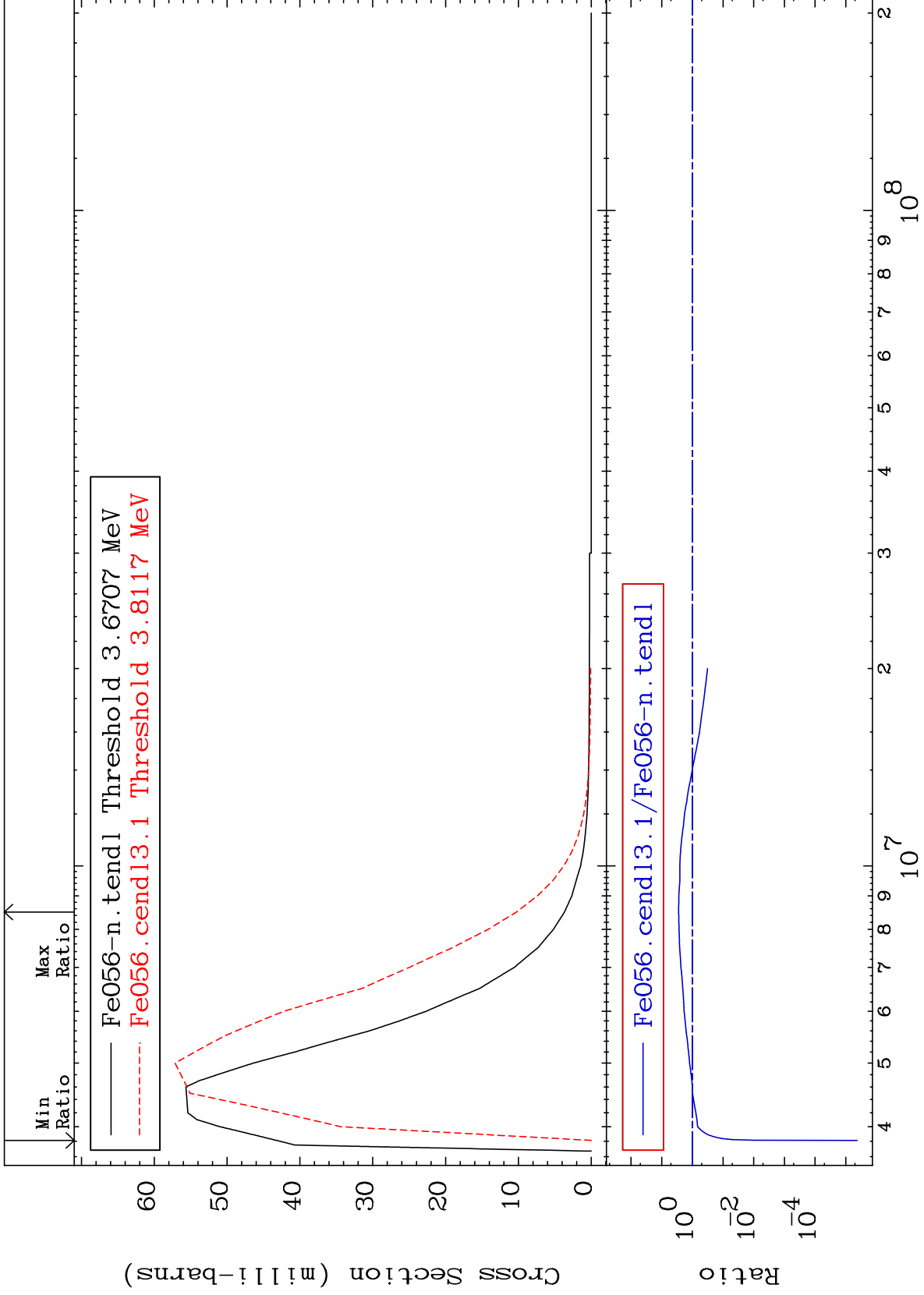
²⁶Fe-56
-42.78 To 1783. %



MAT 2631

3.606 MeV (n,n') Level
Cross Section

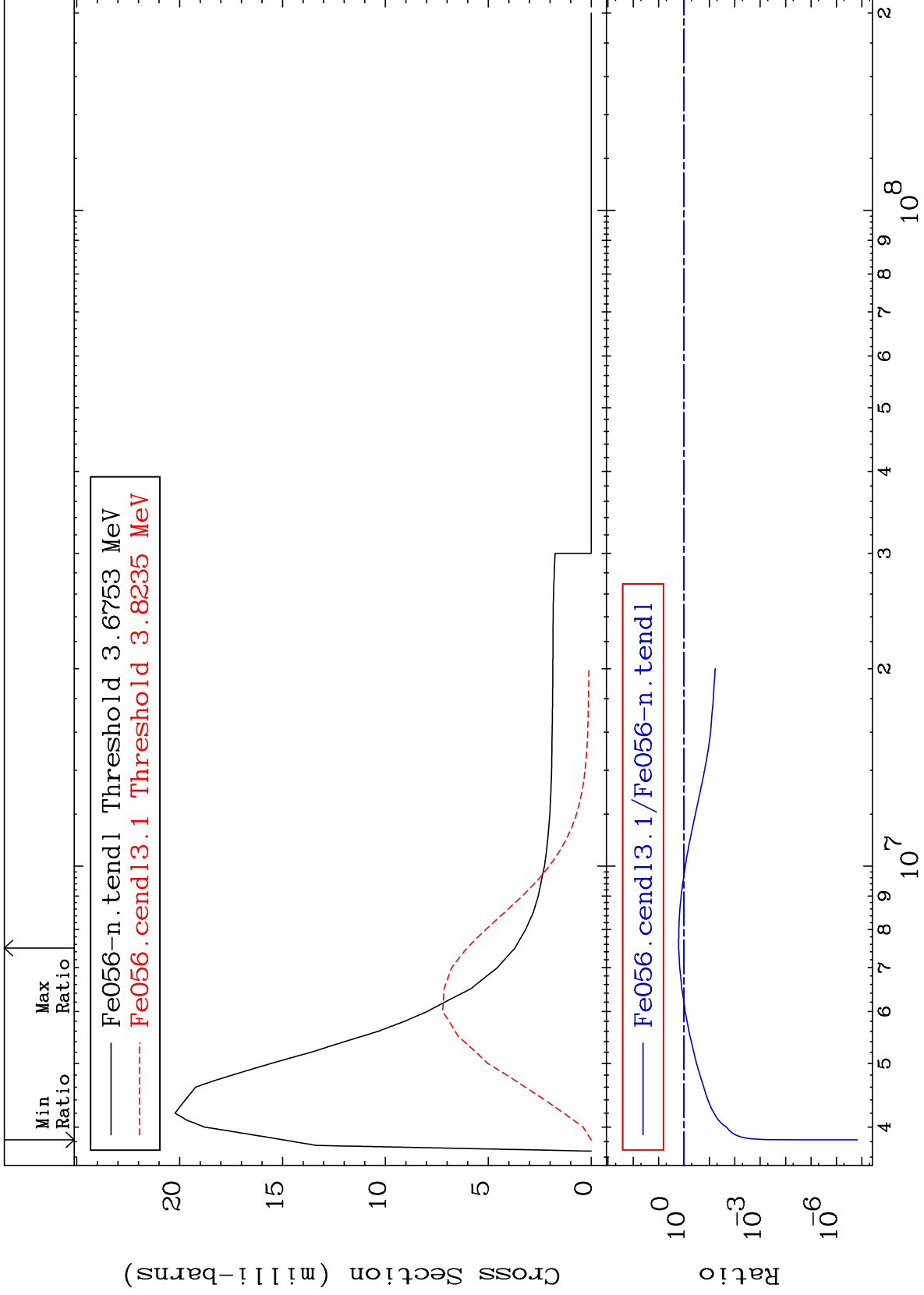
26-Fe-56
-100.0 To 180.2 %



MAT 2631

3.610 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 62.88 %



20

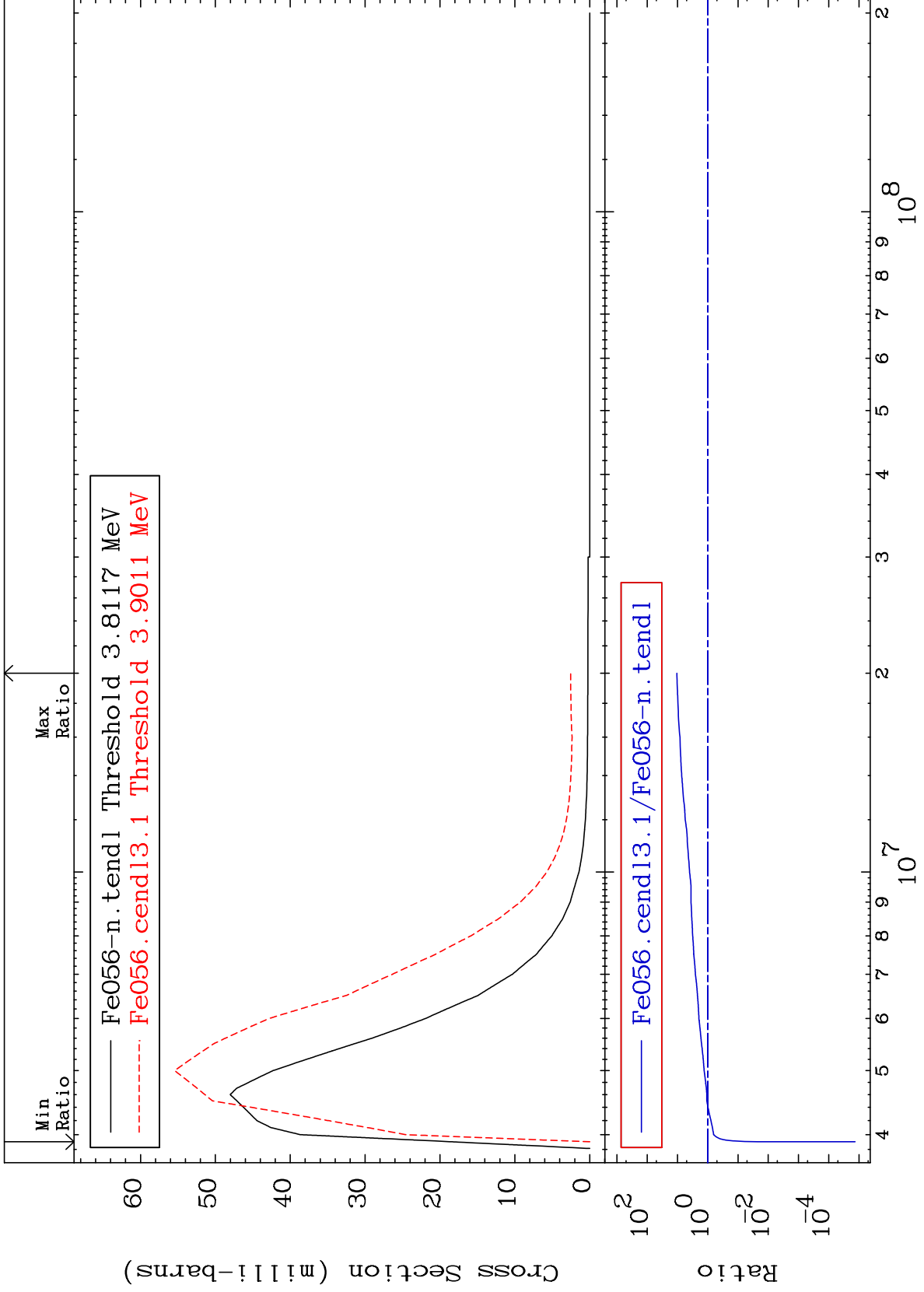
Incident Energy (eV)

26-Fe-56

MAT 2631

3.744 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 940.2 %



21

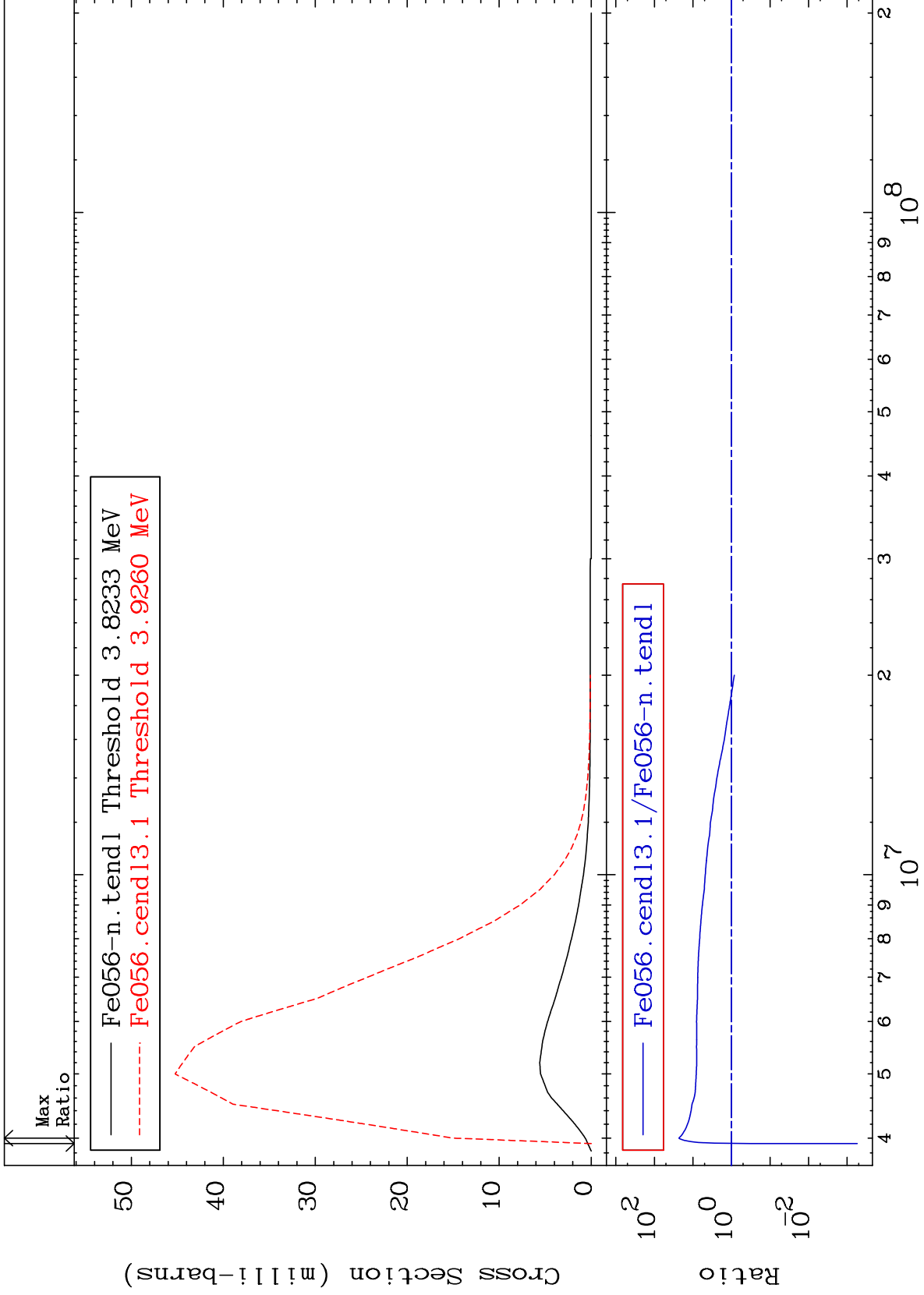
Incident Energy (eV)

26-Fe-56

MAT 2631

3.756 MeV (n,n') Level
Cross Section

26-Fe-56
-99.95 To 2247. %



22

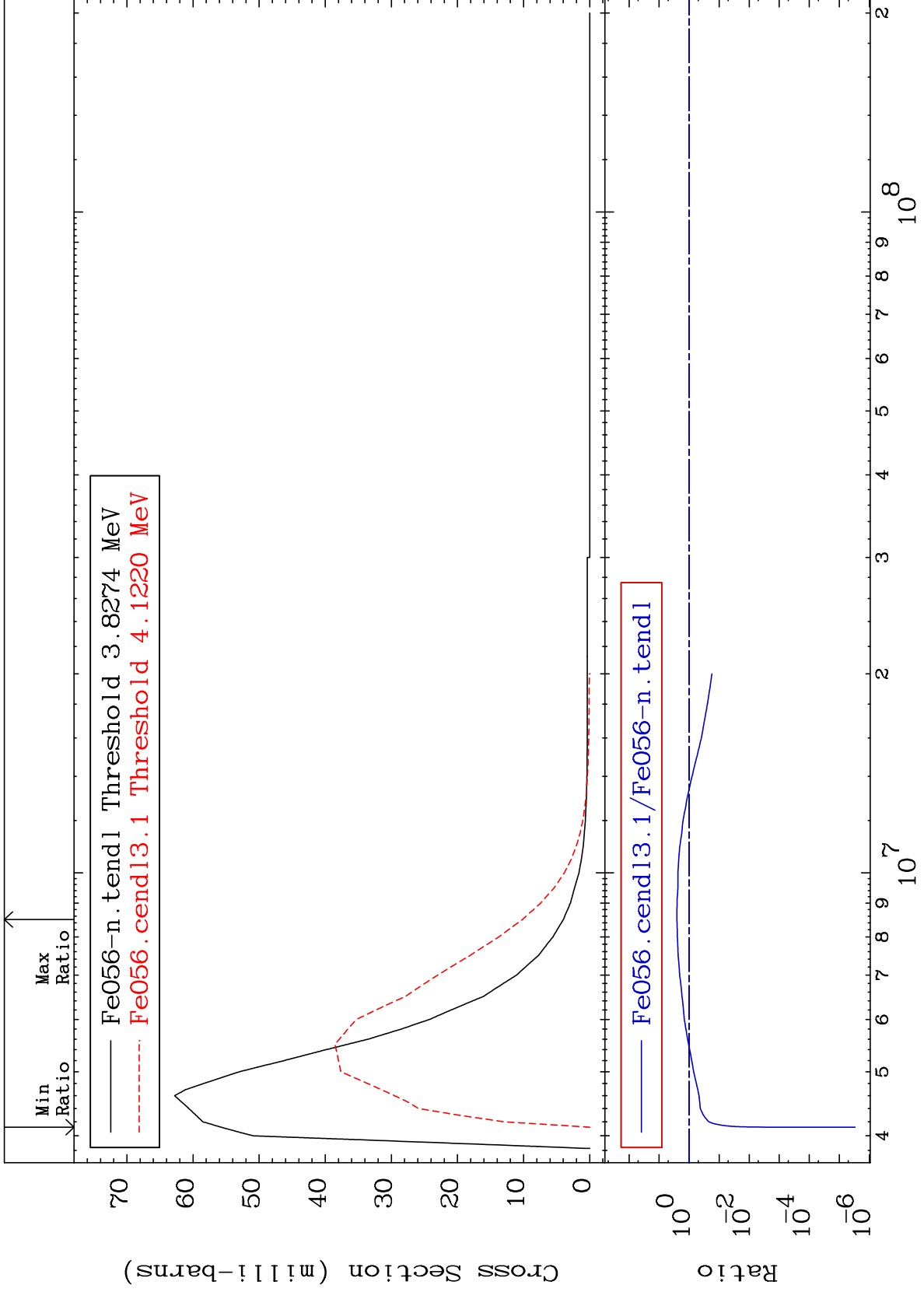
26-Fe-56

26-Fe-56

MAT 2631

3.760 MeV (n,n') Level
Cross Section

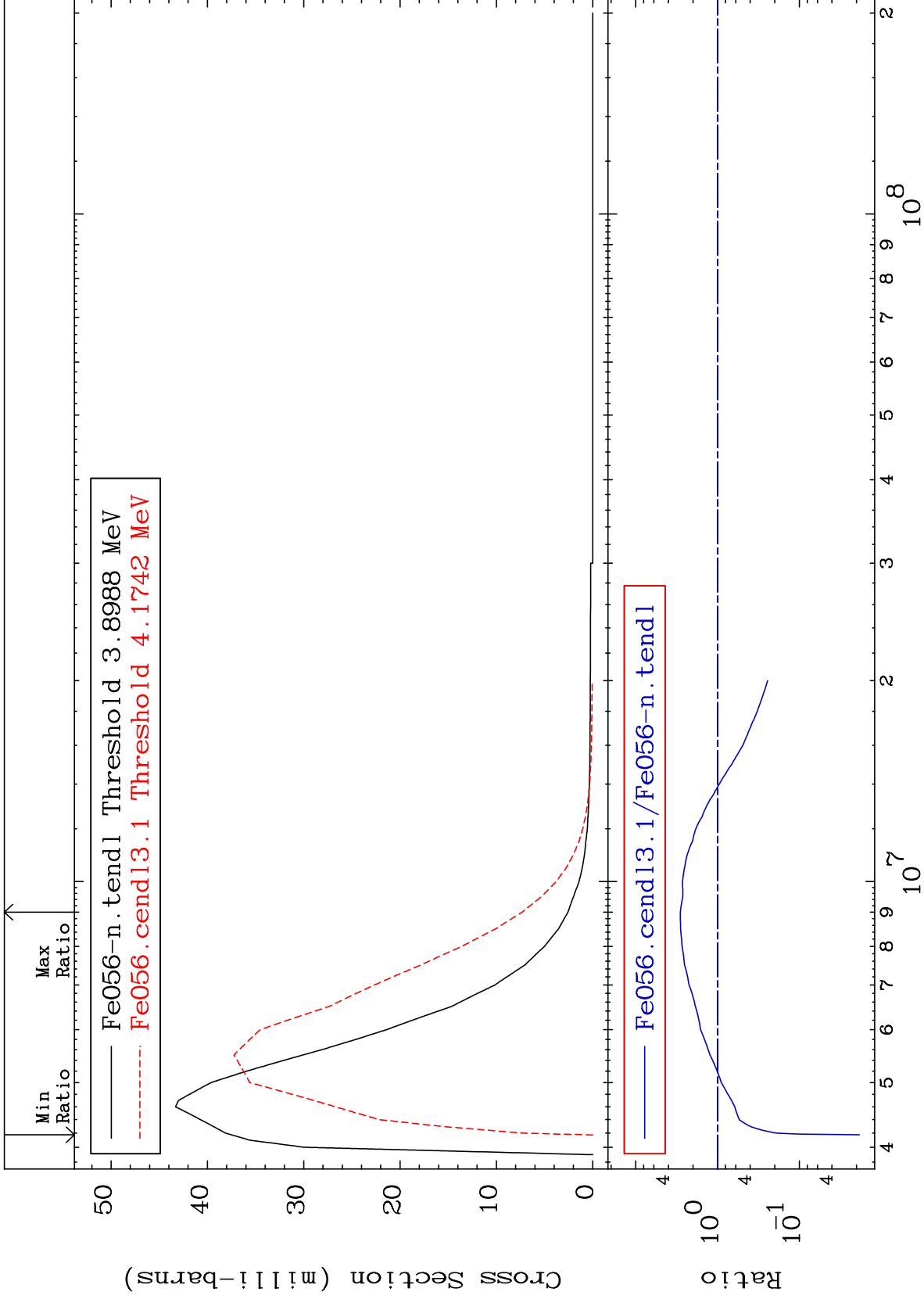
26-Fe-56
-100.0 To 155.5 %



MAT 2631

3.830 MeV (n,n') Level
Cross Section

26-Fe-56
-98.16 To 185.1 %



24

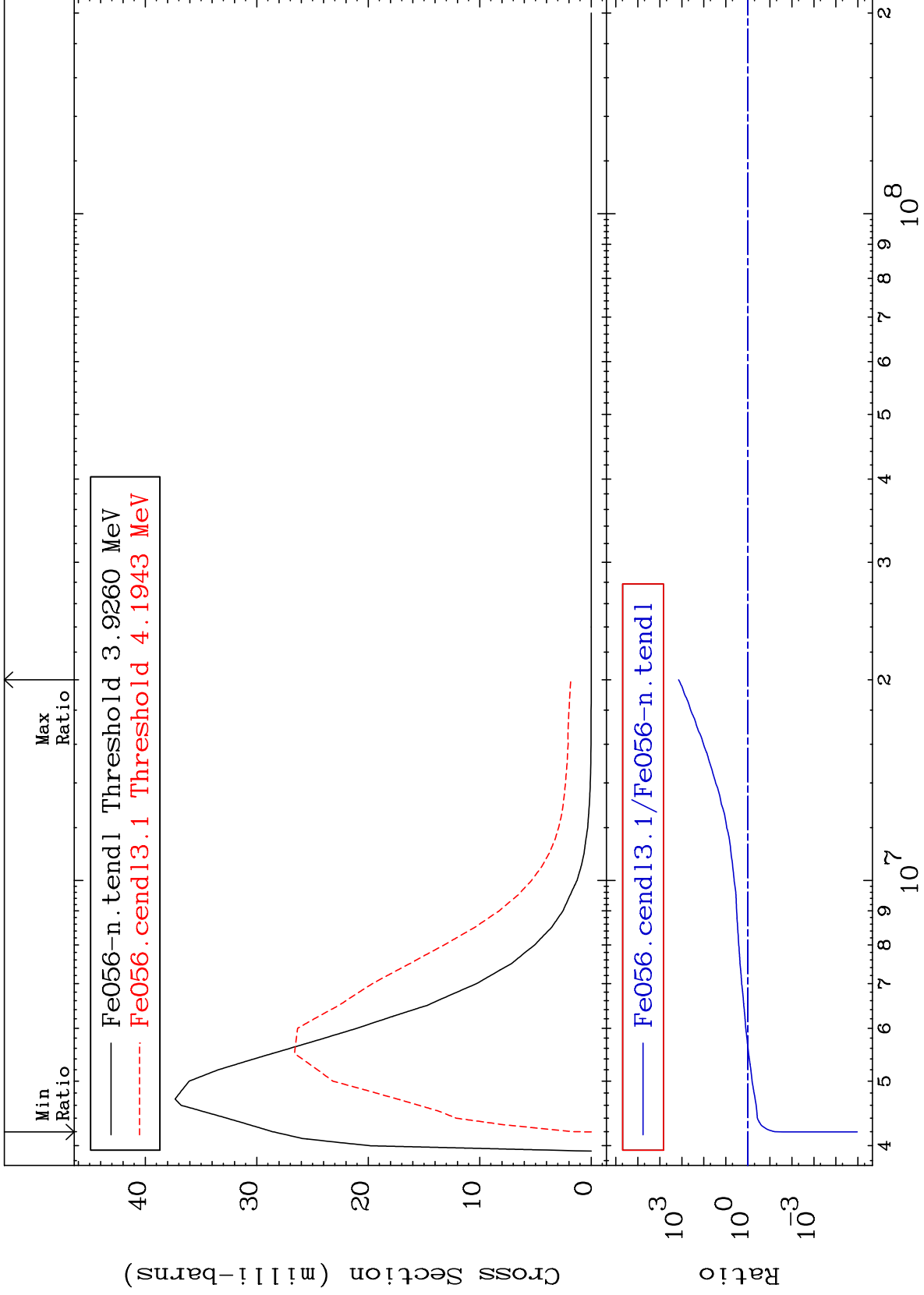
Incident Energy (eV)

26-Fe-56

MAT 2631

3.856 MeV (n,n') Level
Cross Section

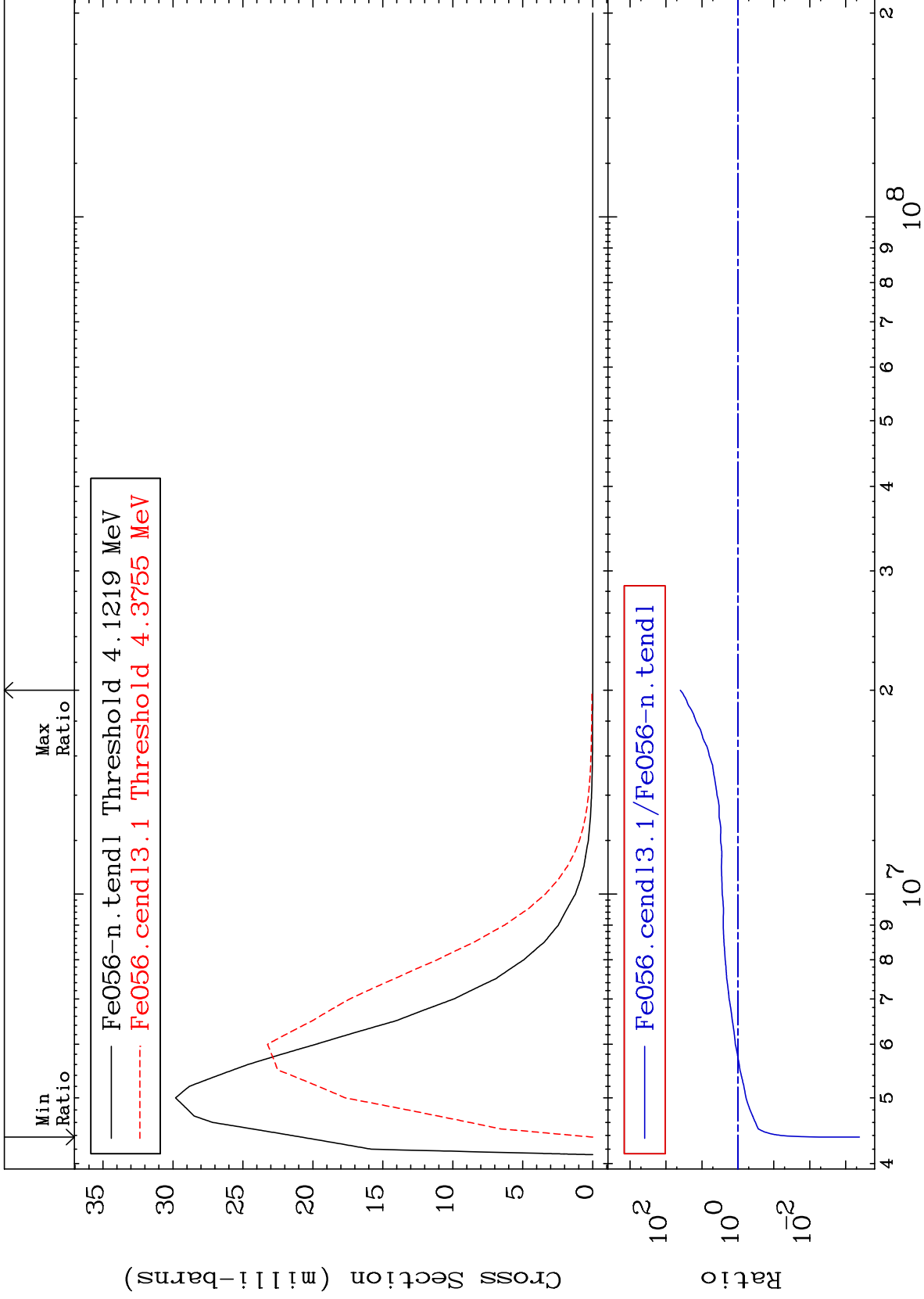
26-Fe-56
-100.0 To 9999. %



25

Incident Energy (eV)

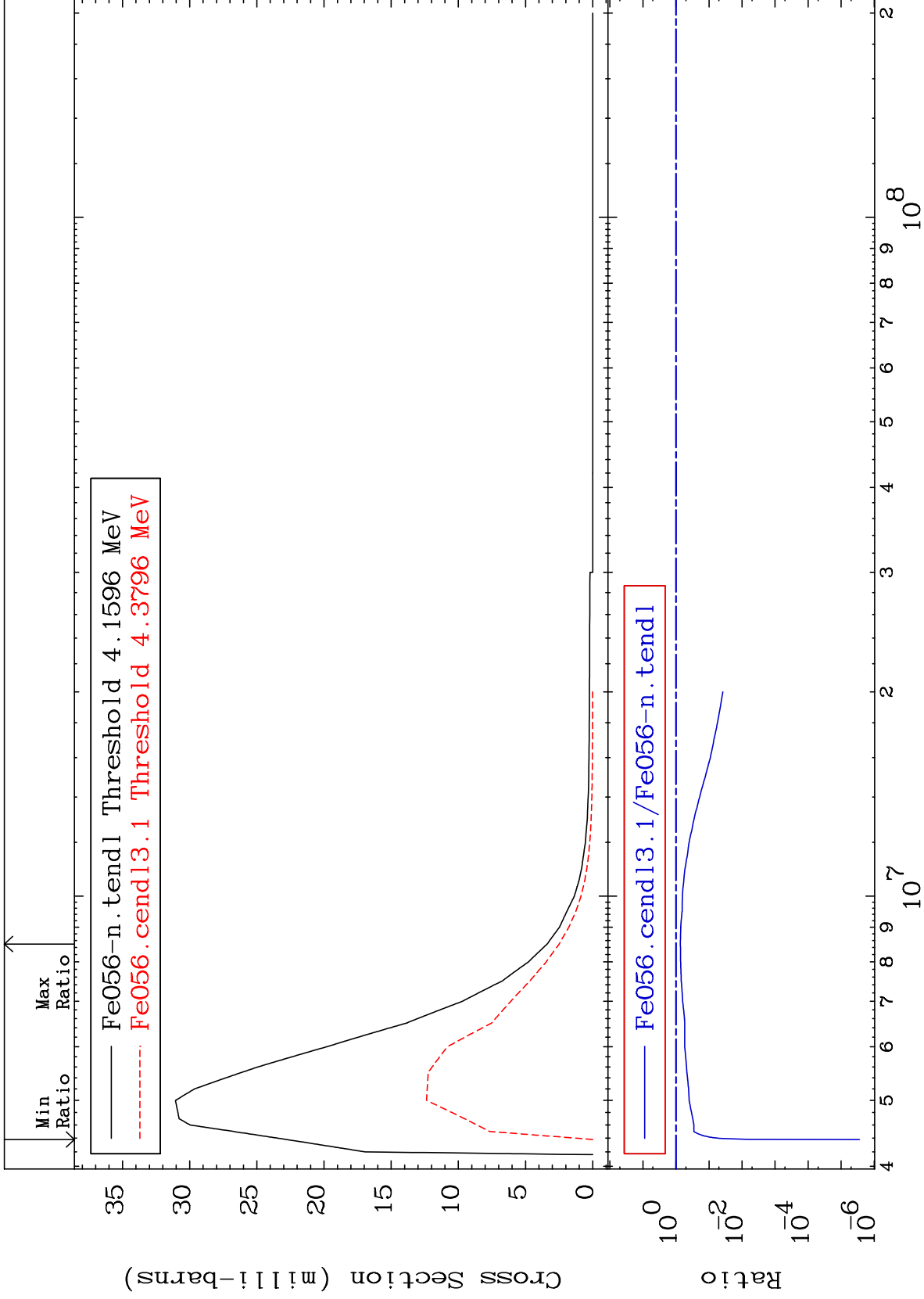
26-Fe-56



MAT 2631

4.086 MeV (n,n') Level
Cross Section

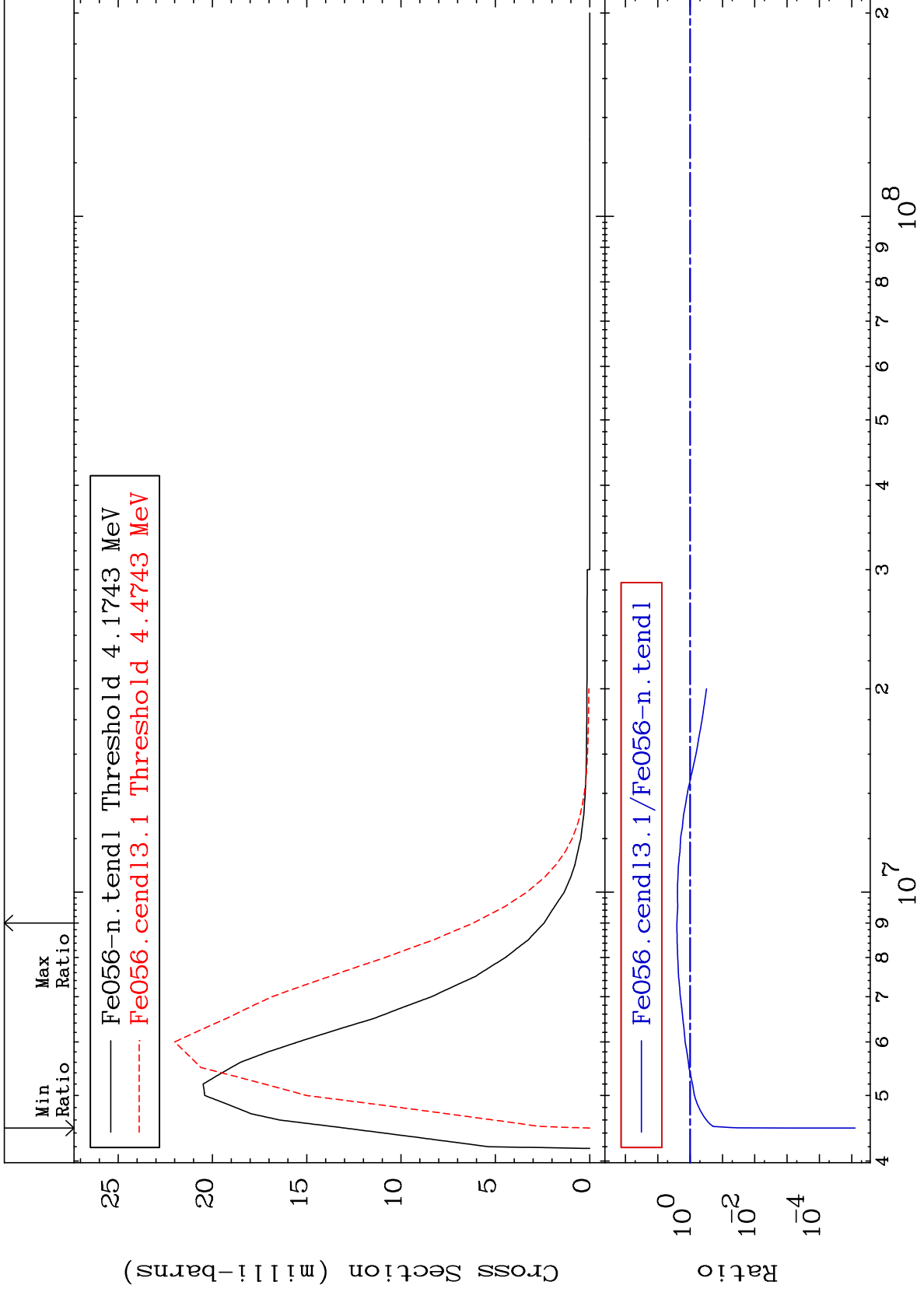
26-Fe-56
-100.0 To -26.36%



MAT 2631

4.100 MeV (n,n') Level
Cross Section

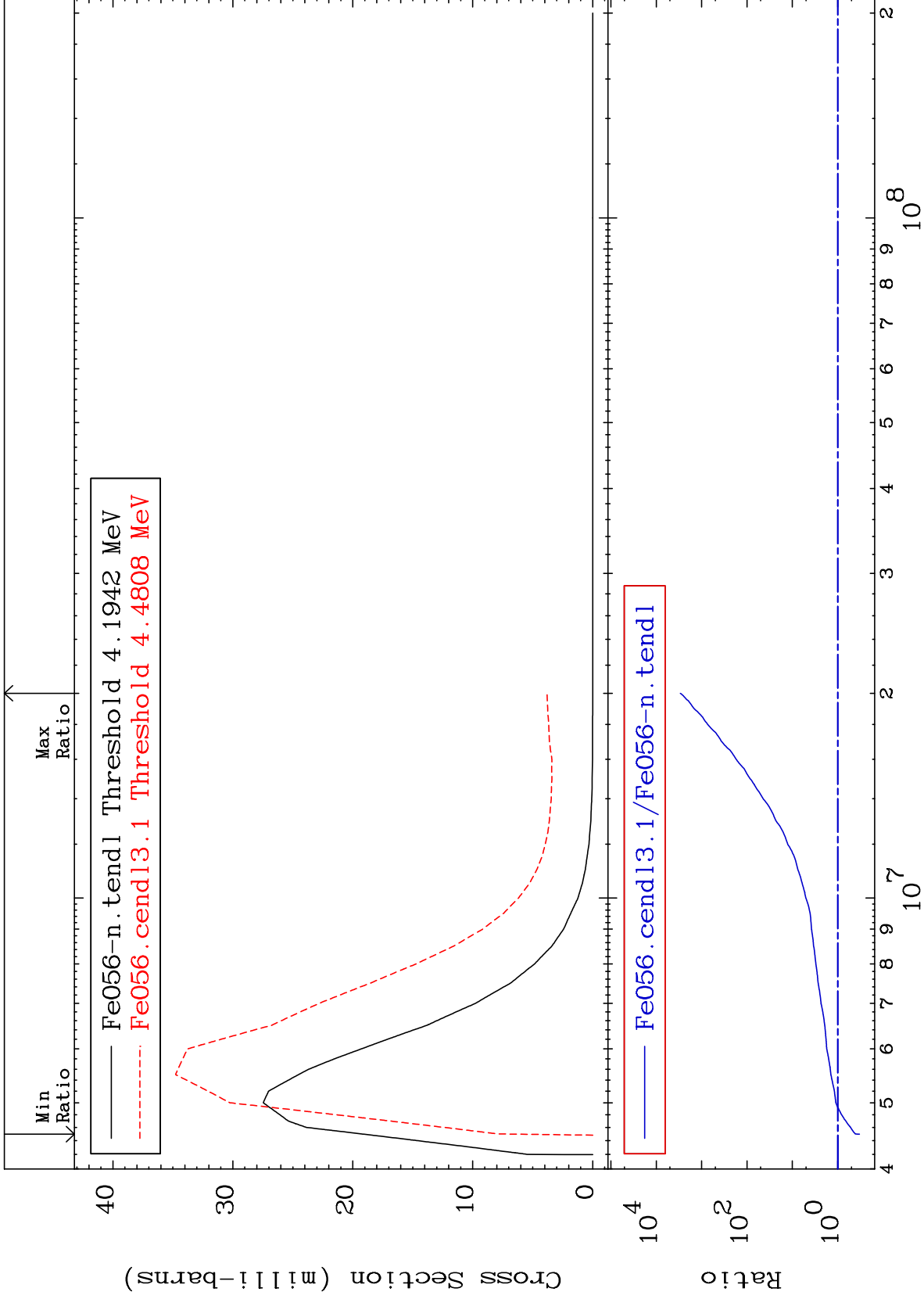
26-Fe-56
-100.0 To 155.2 %



MAT 2631

4.120 MeV (n,n') Level
Cross Section

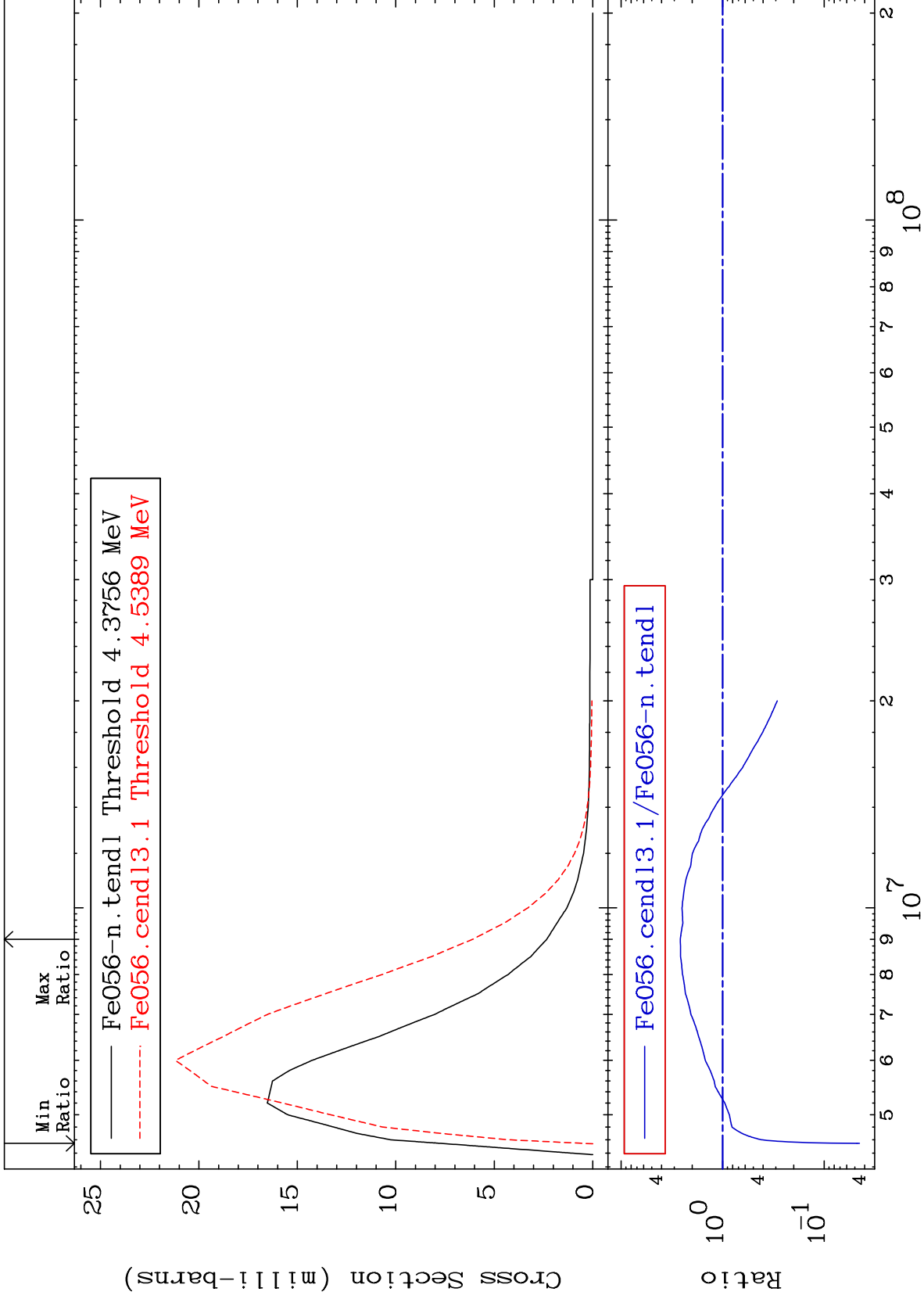
26-Fe-56
-66.73 To 9999. %



MAT 2631

4.298 MeV (n,n') Level
Cross Section

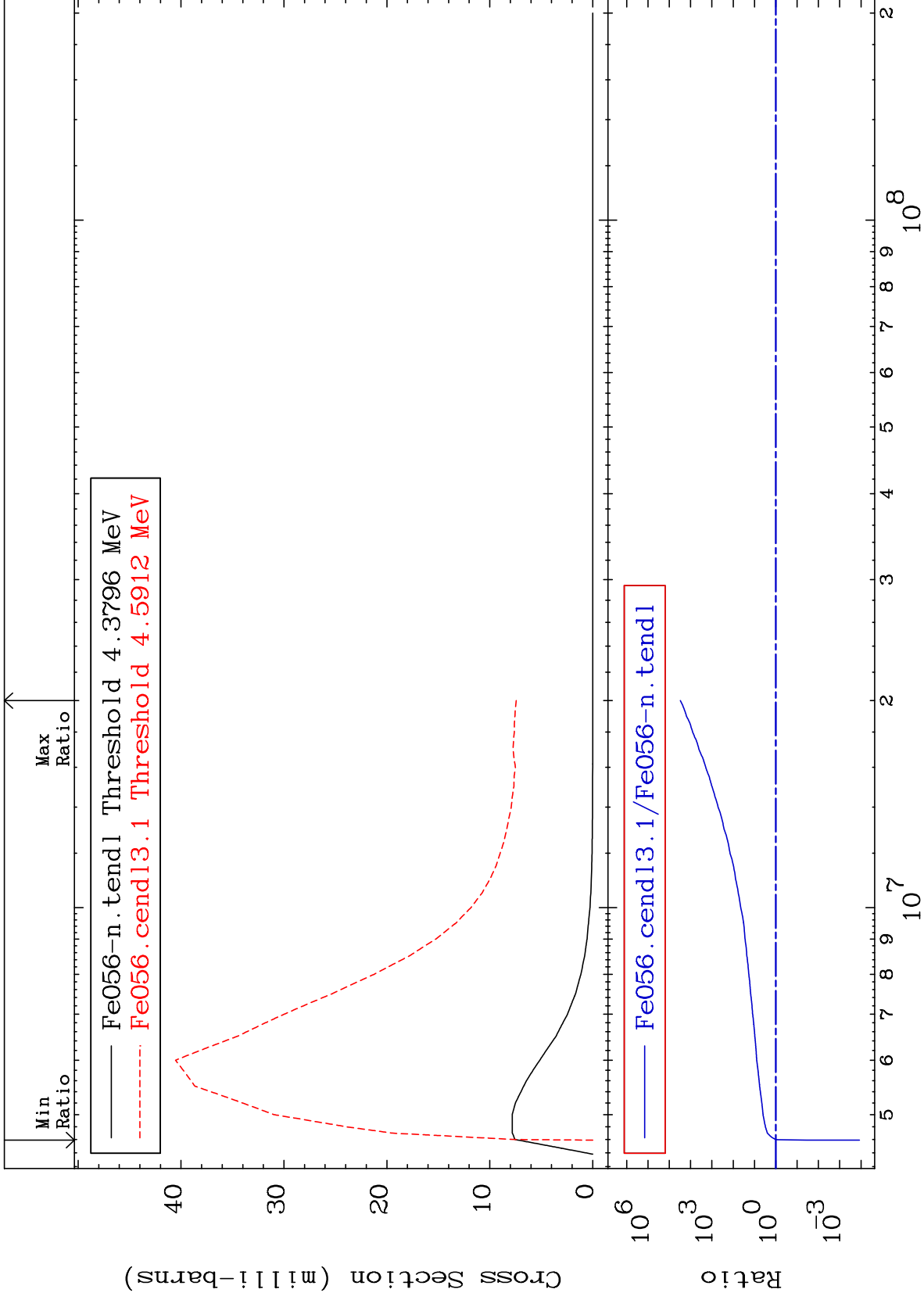
26-Fe-56
-95.49 To 161.3 %

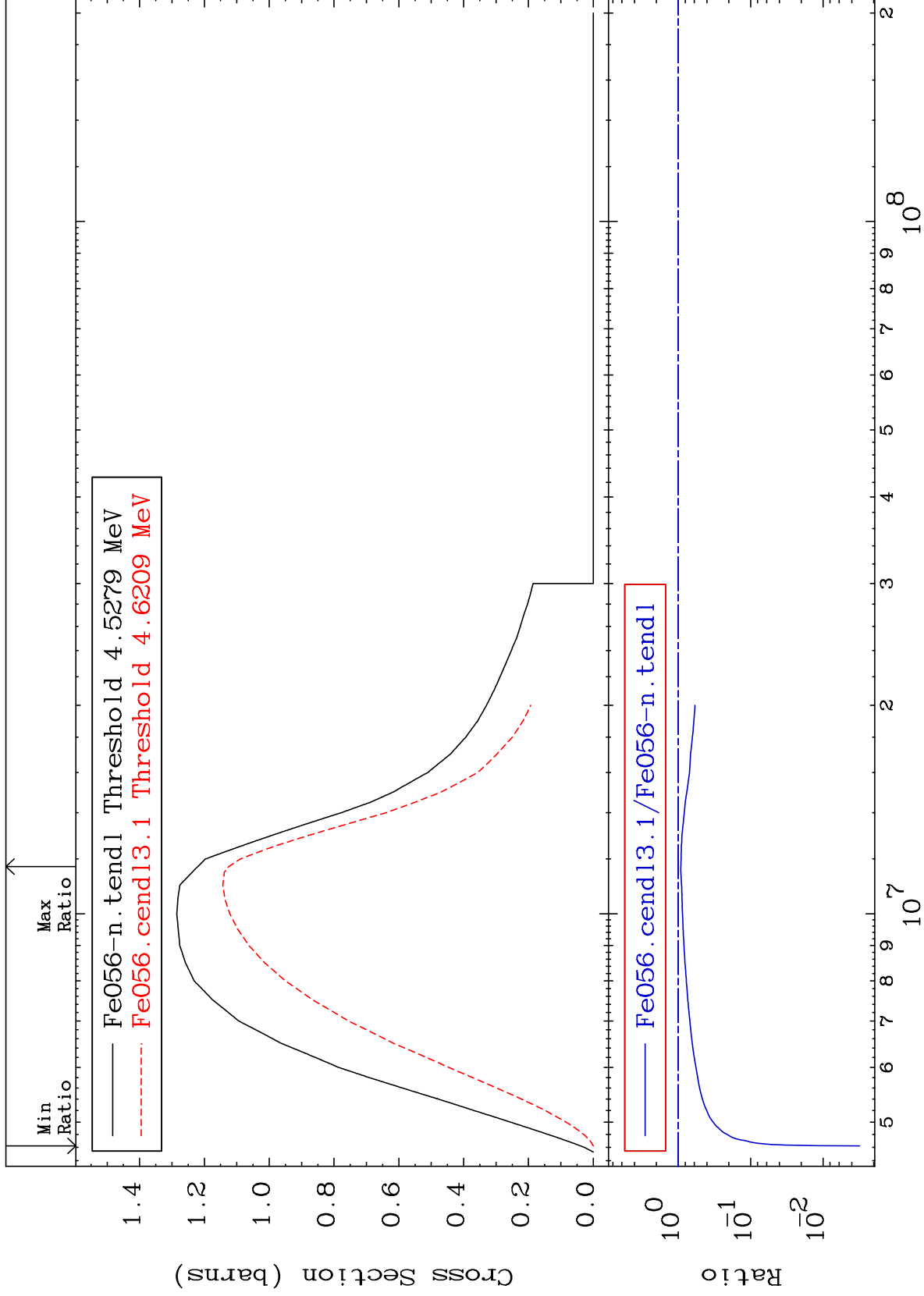


30

Incident Energy (eV)

26-Fe-56





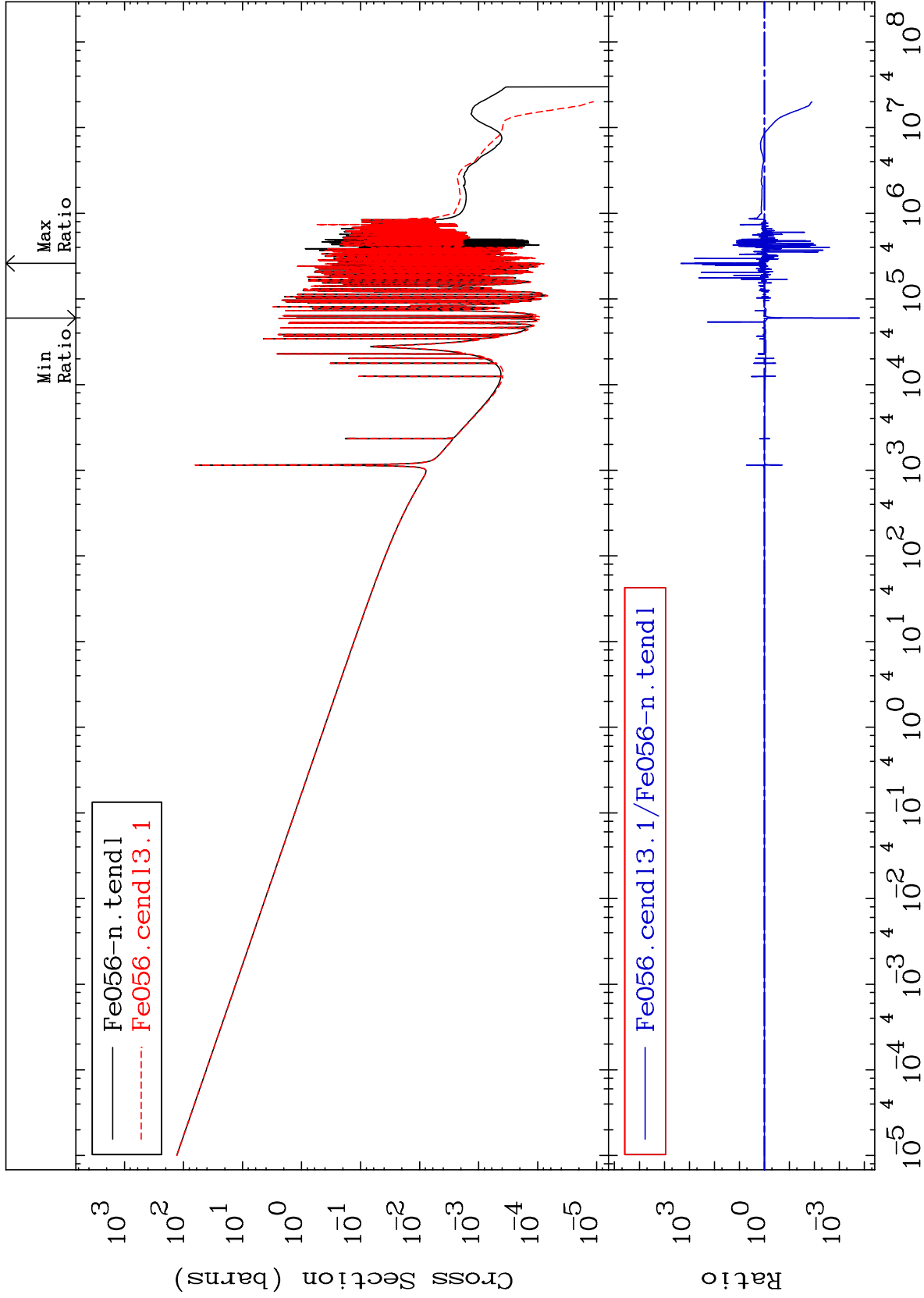
MAT 2631

(n, γ)

²⁶Fe-56

Cross Section

-99.98 To 9999. %



33

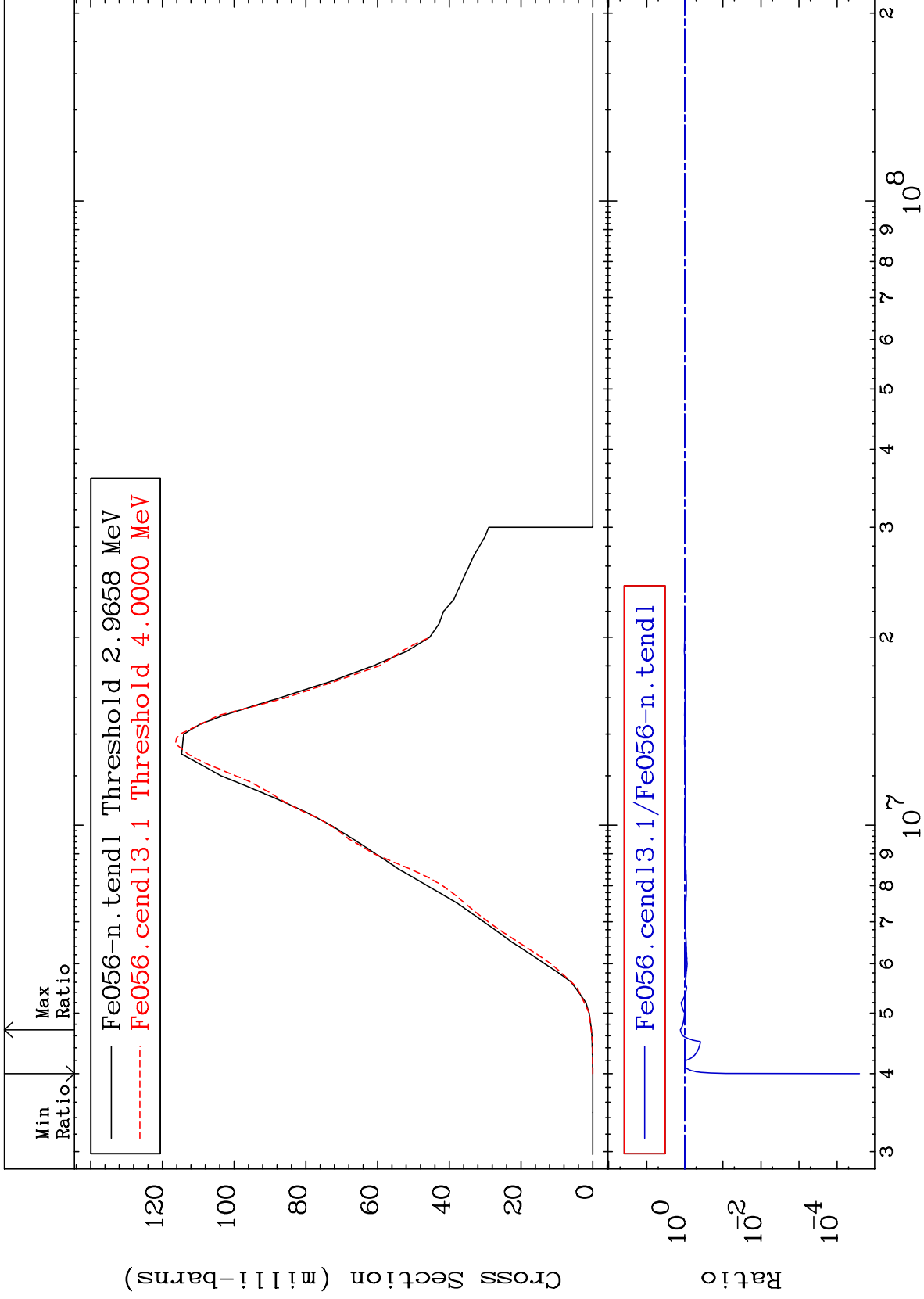
Incident Energy (eV)

²⁶Fe-56

MAT 2631

(n,p)
Cross Section

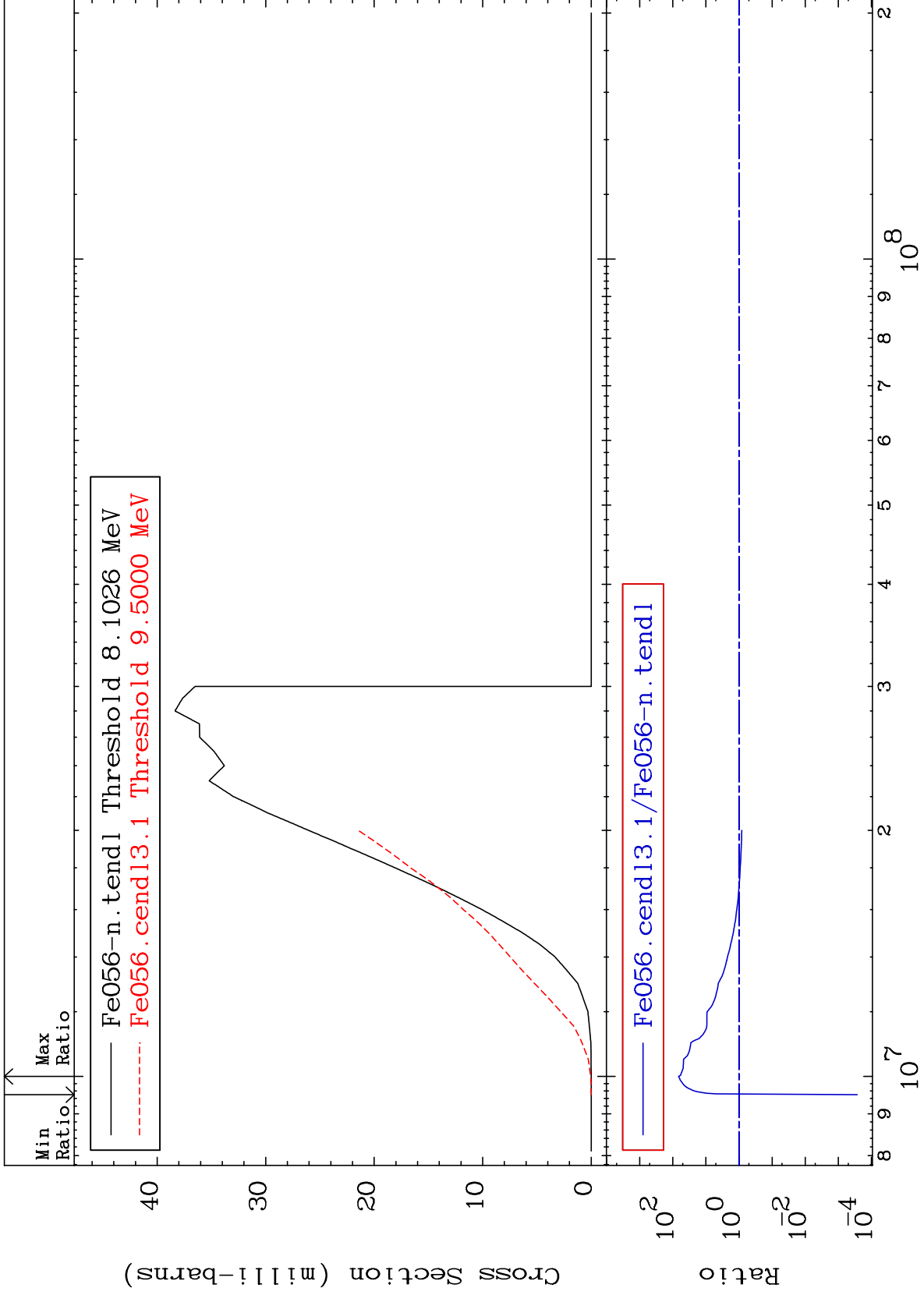
²⁶Fe-56
-100.0 To 30.54 %



MAT 2631

(n, d)
Cross Section

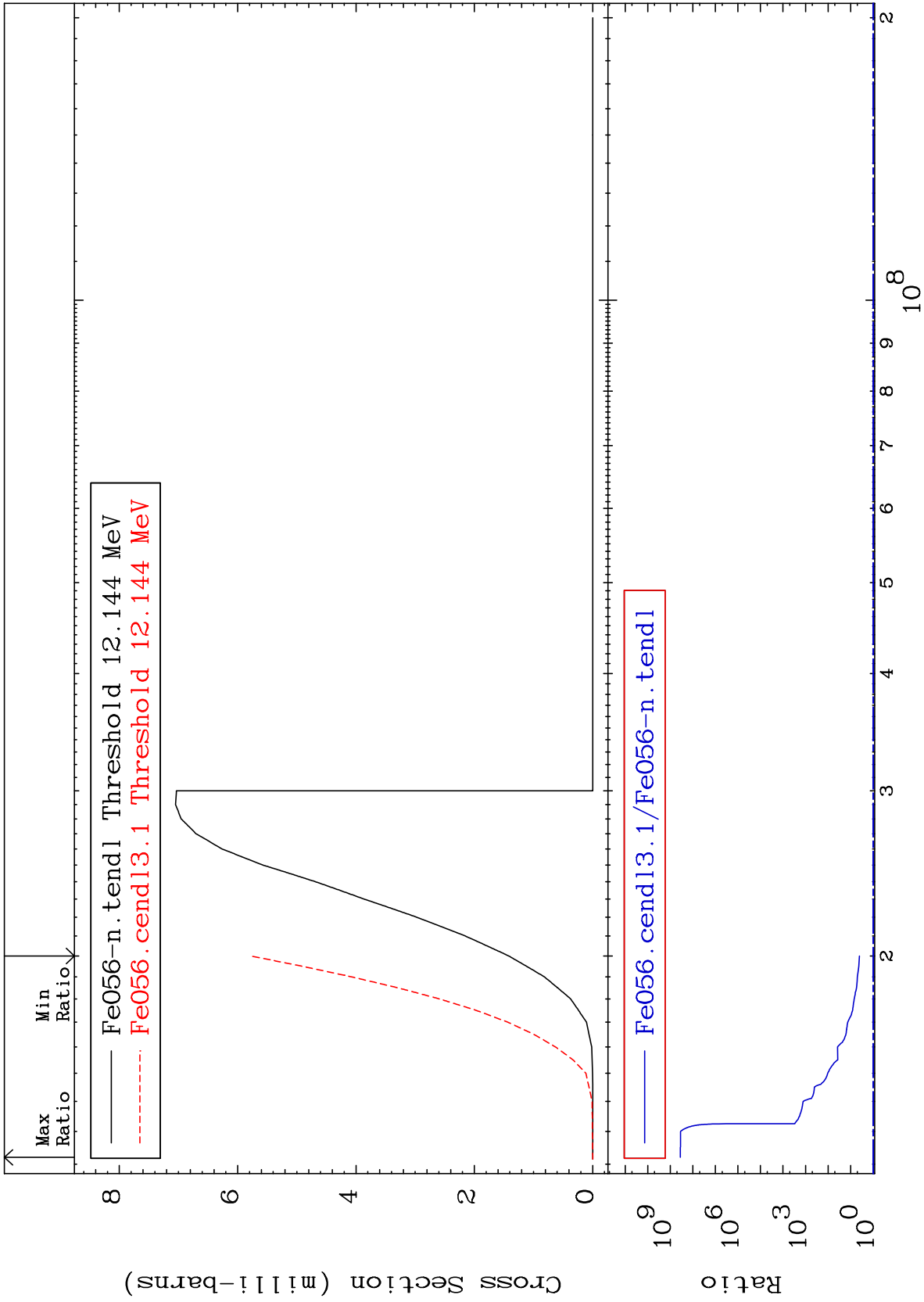
²⁶Fe-56
-99.97 To 6577. %



35

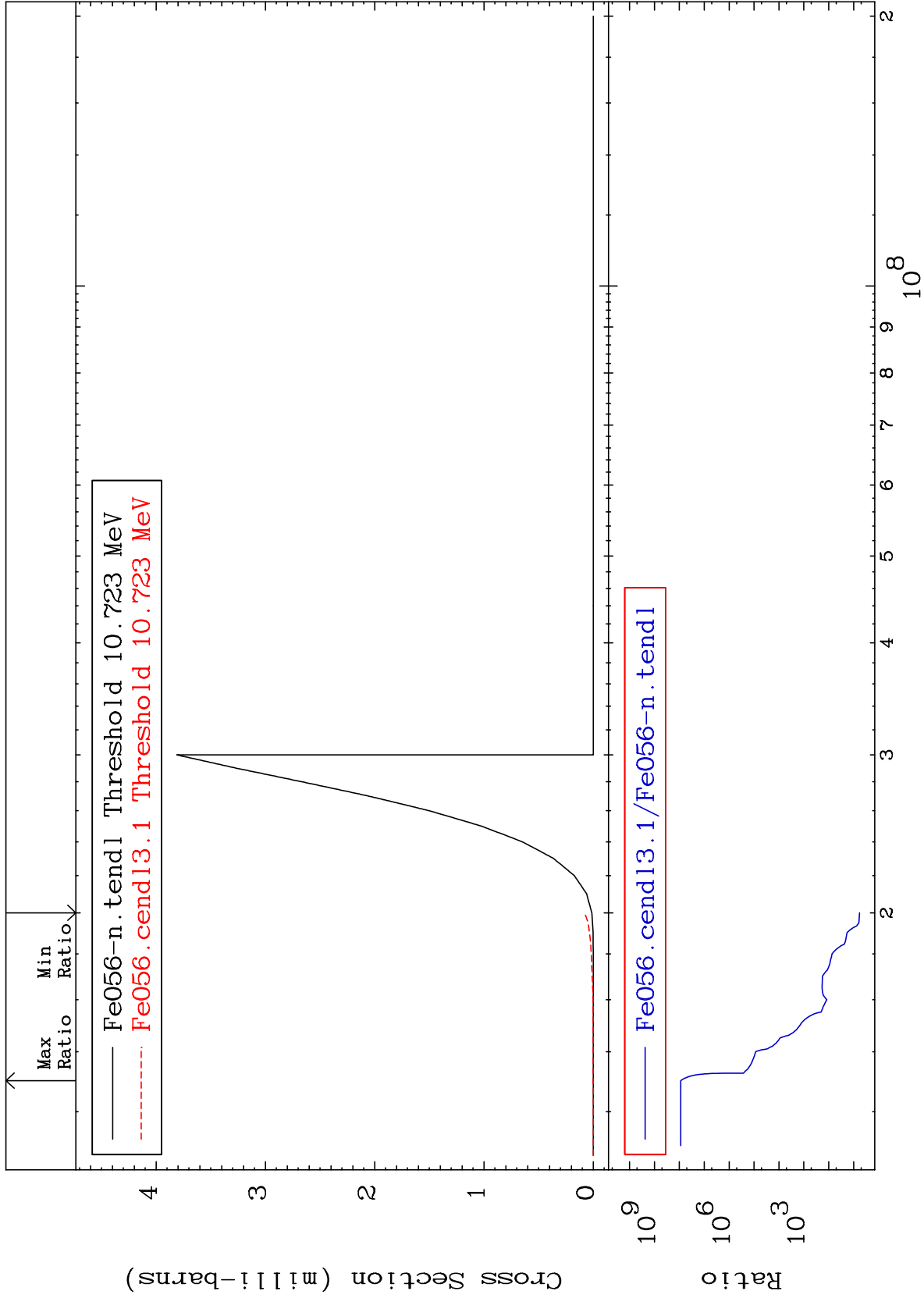
Incident Energy (eV)

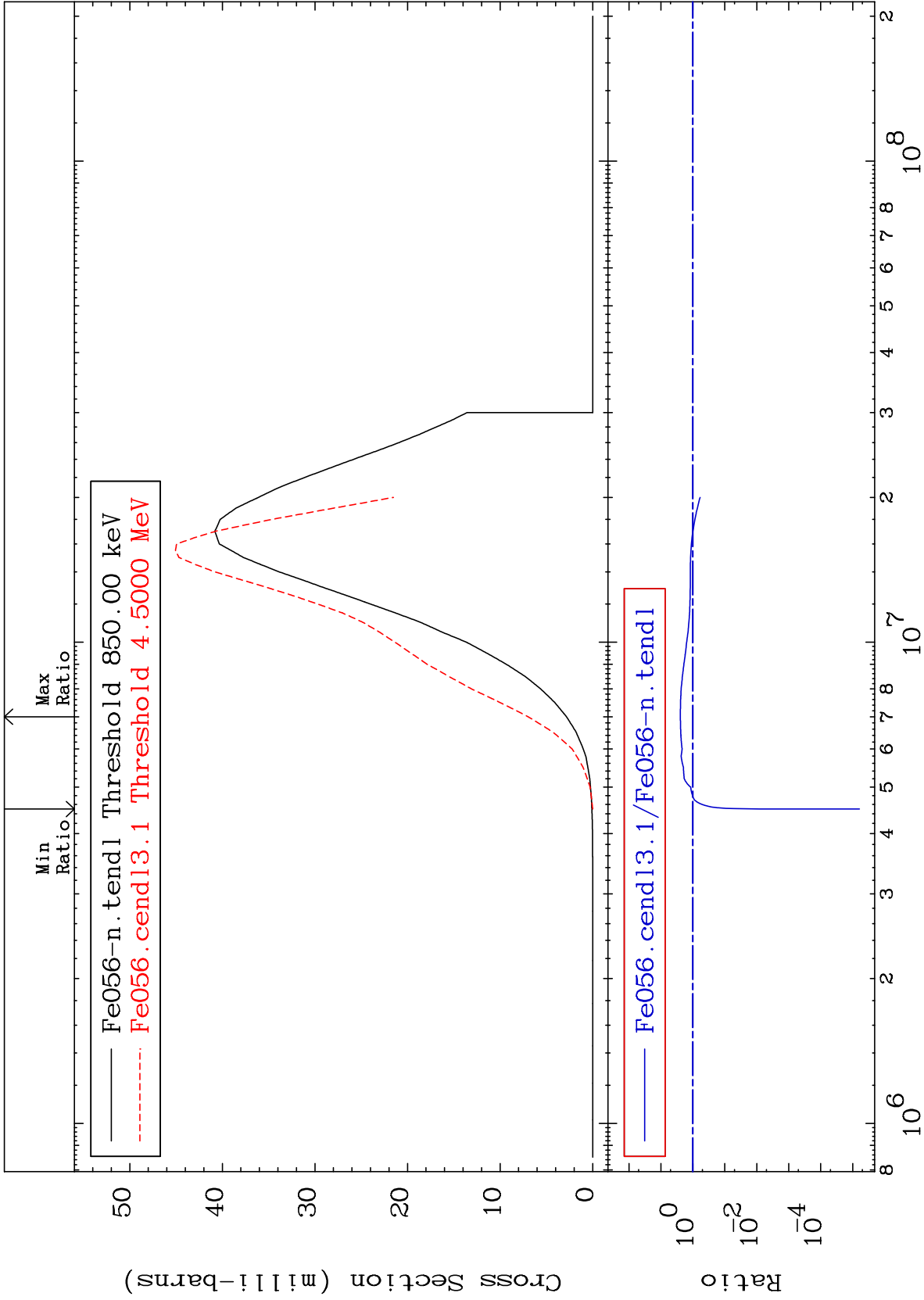
²⁶Fe-56

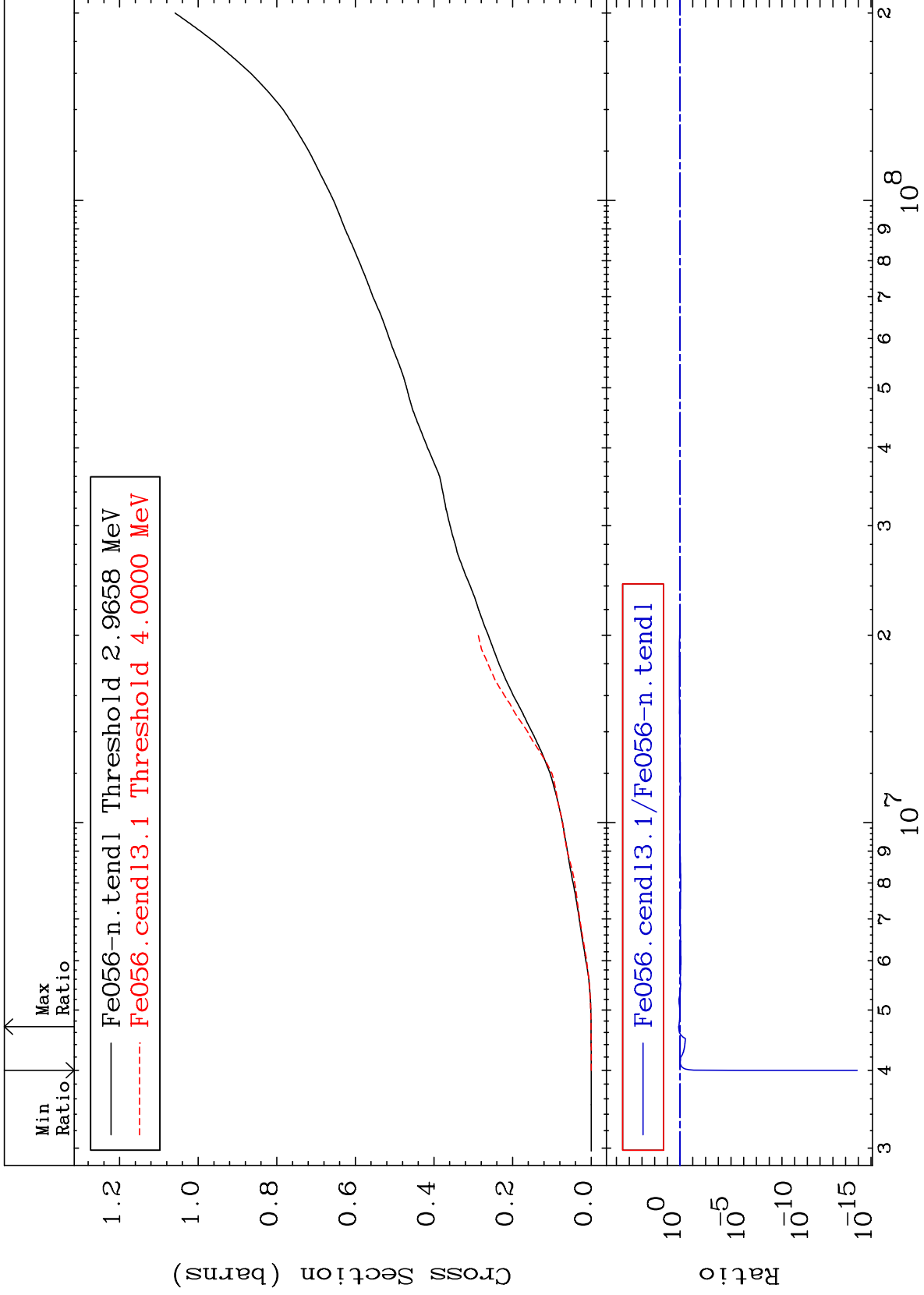


Cross Section

479.9 To 9999. %



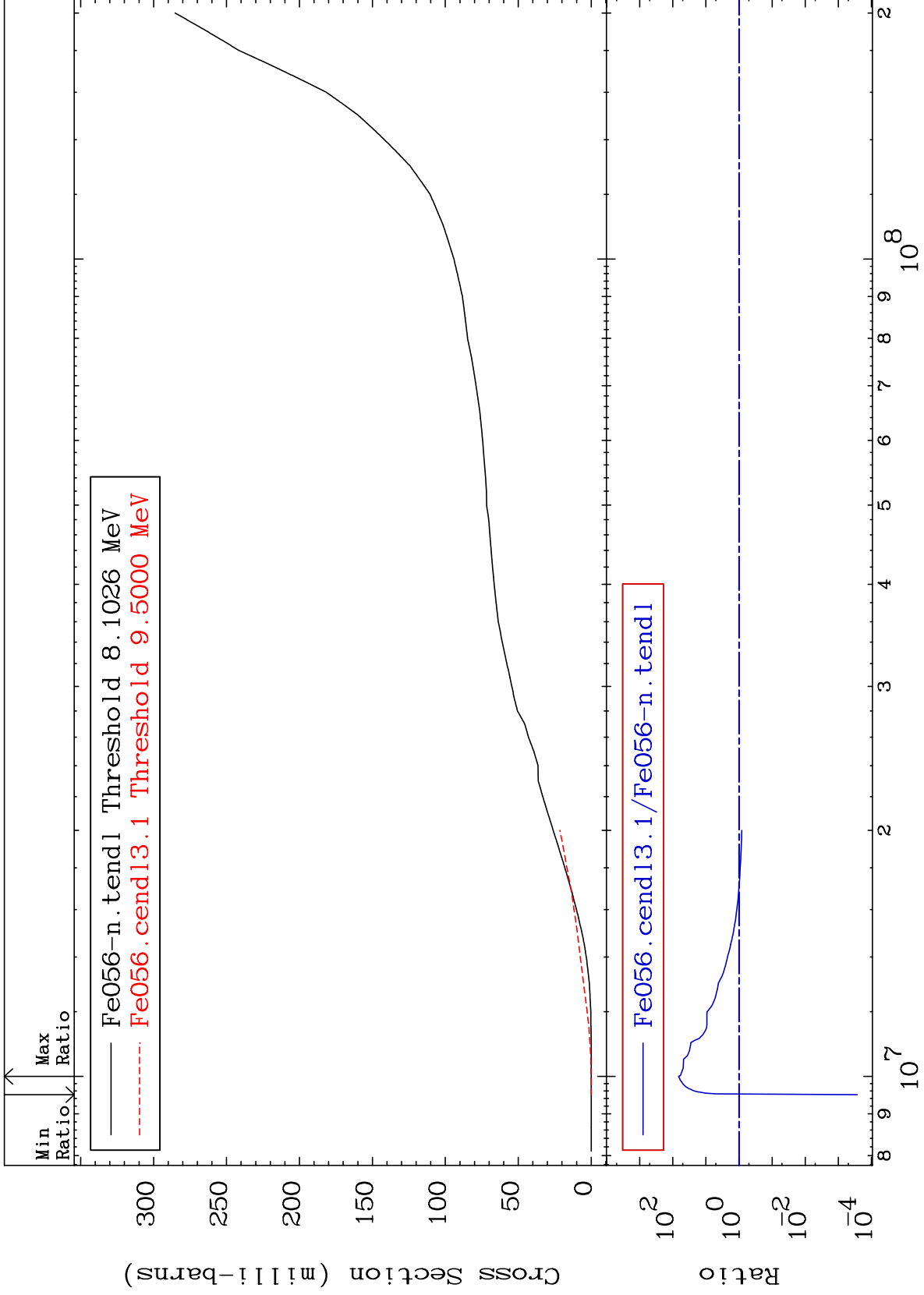




MAT 2631

Deuterium Production
Cross Section

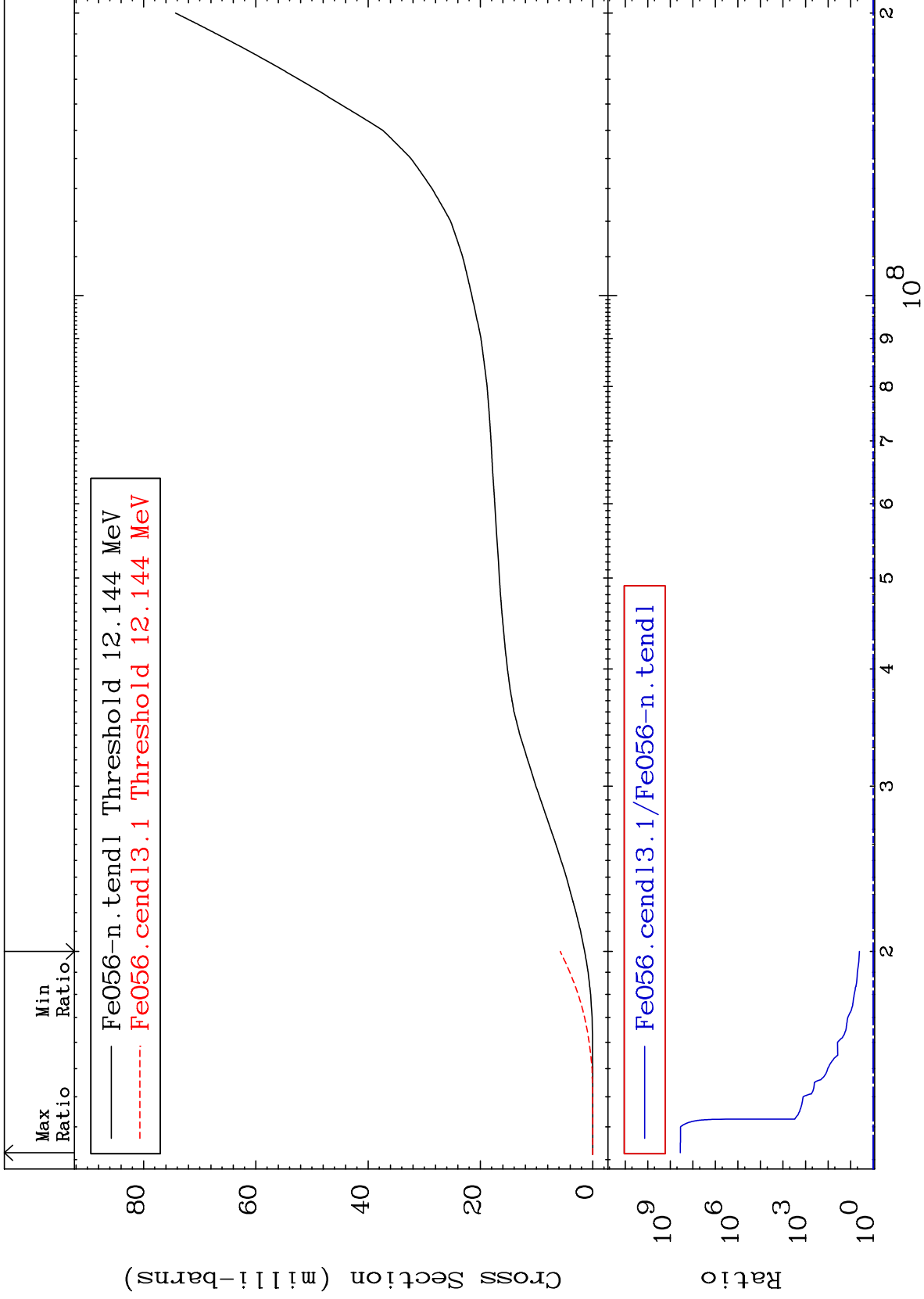
²⁶Fe-56
-99.97 To 6577. %



40

Incident Energy (eV)

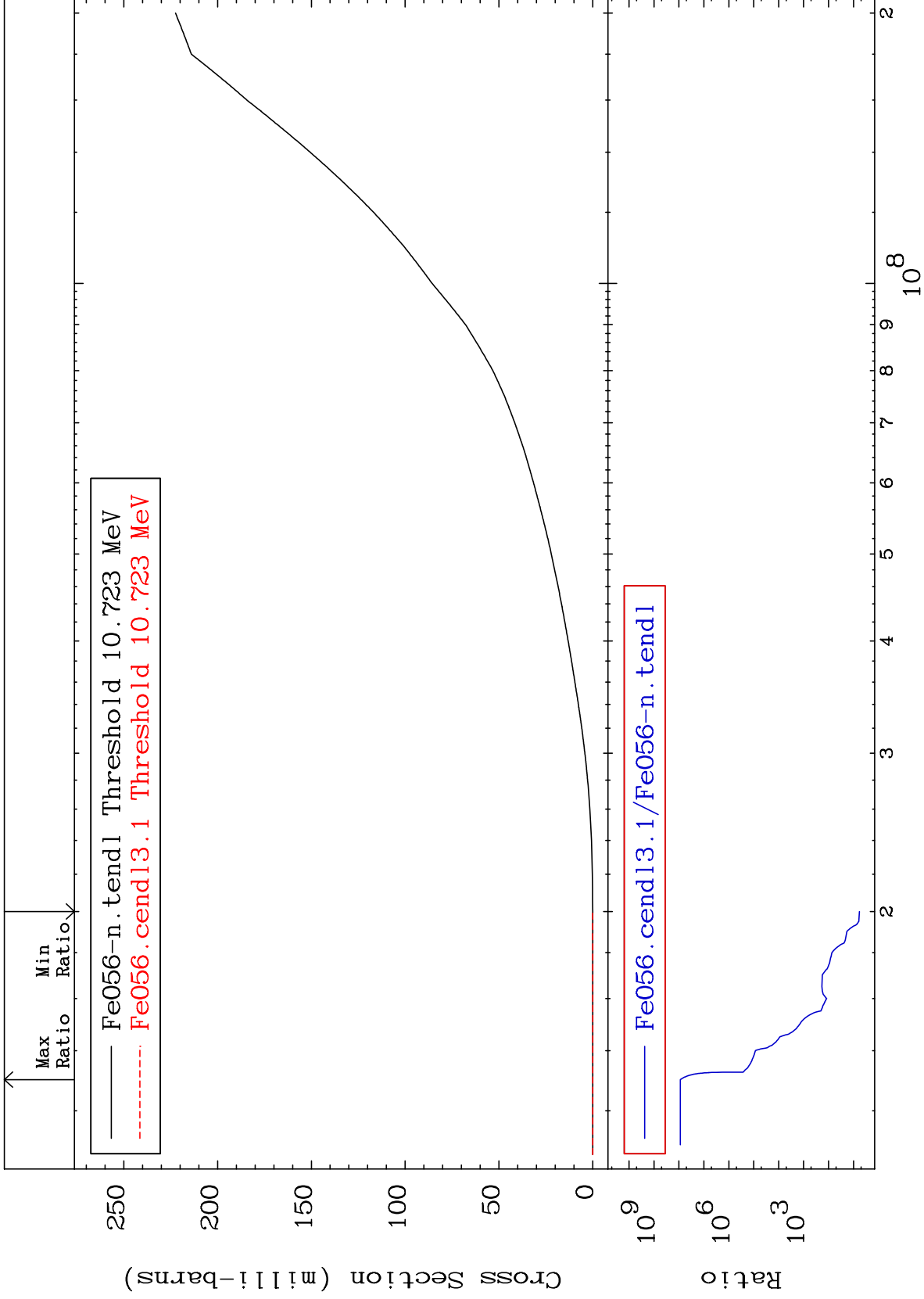
²⁶Fe-56



MAT 2631

He-3 Production
Cross Section

26-Fe-56
479.9 To 9999. %



42

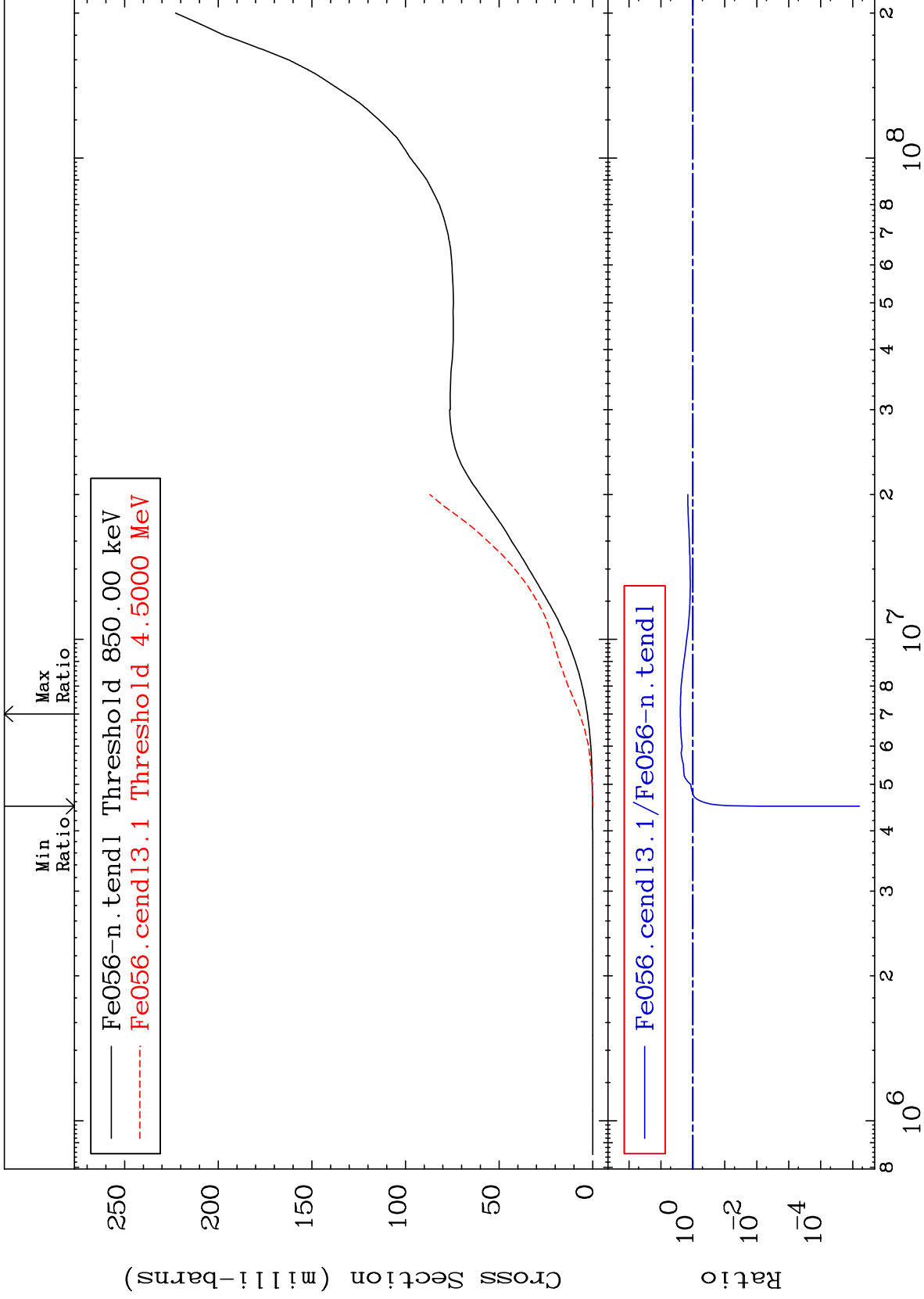
Incident Energy (eV)

26-Fe-56

MAT 2631

He-4 Production
Cross Section

²⁶Fe-56
-100.0 To 146.1 %



43

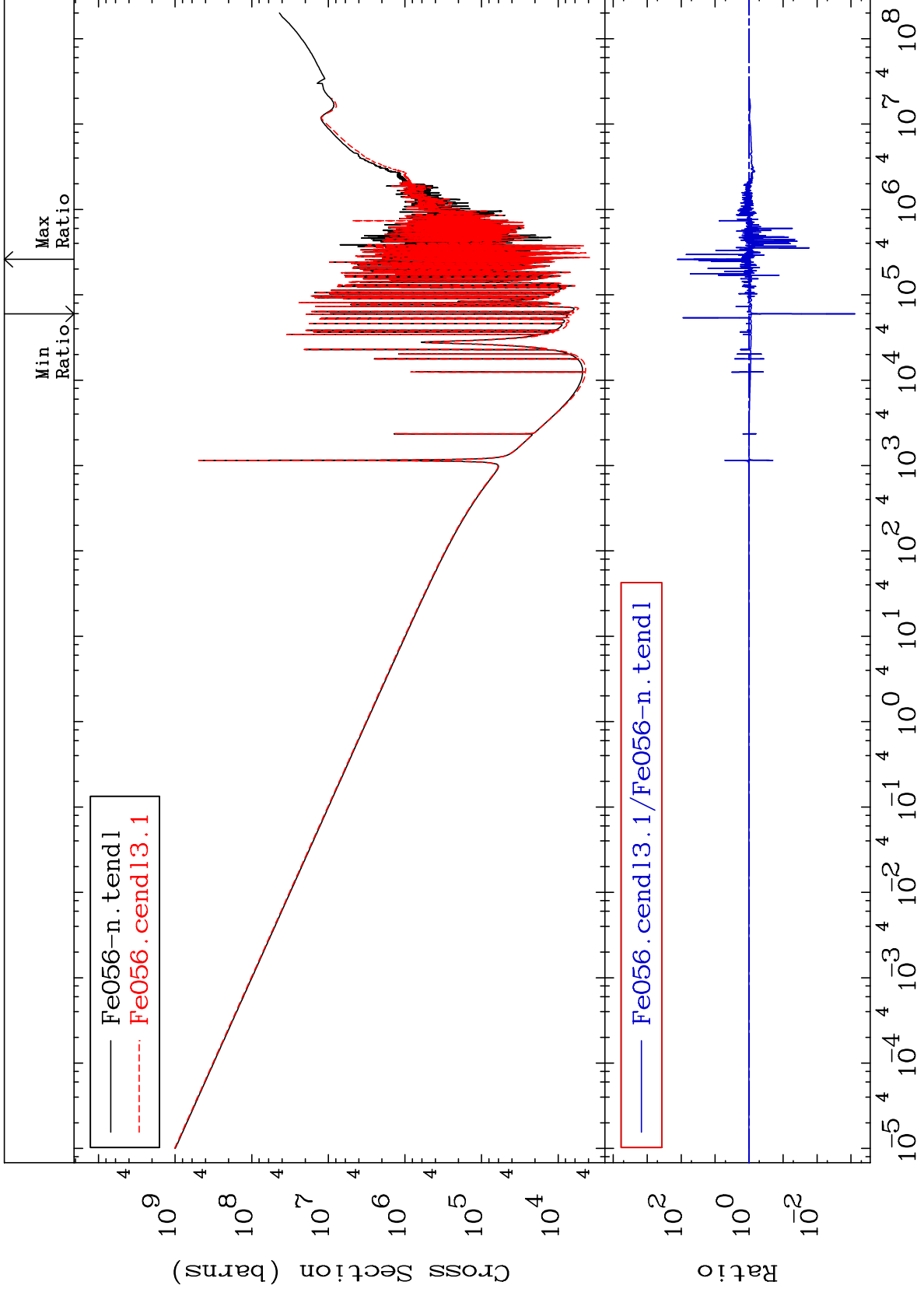
Incident Energy (eV)

²⁶Fe-56

MAT 2631

Kerma total (eV-barns)
Cross Section

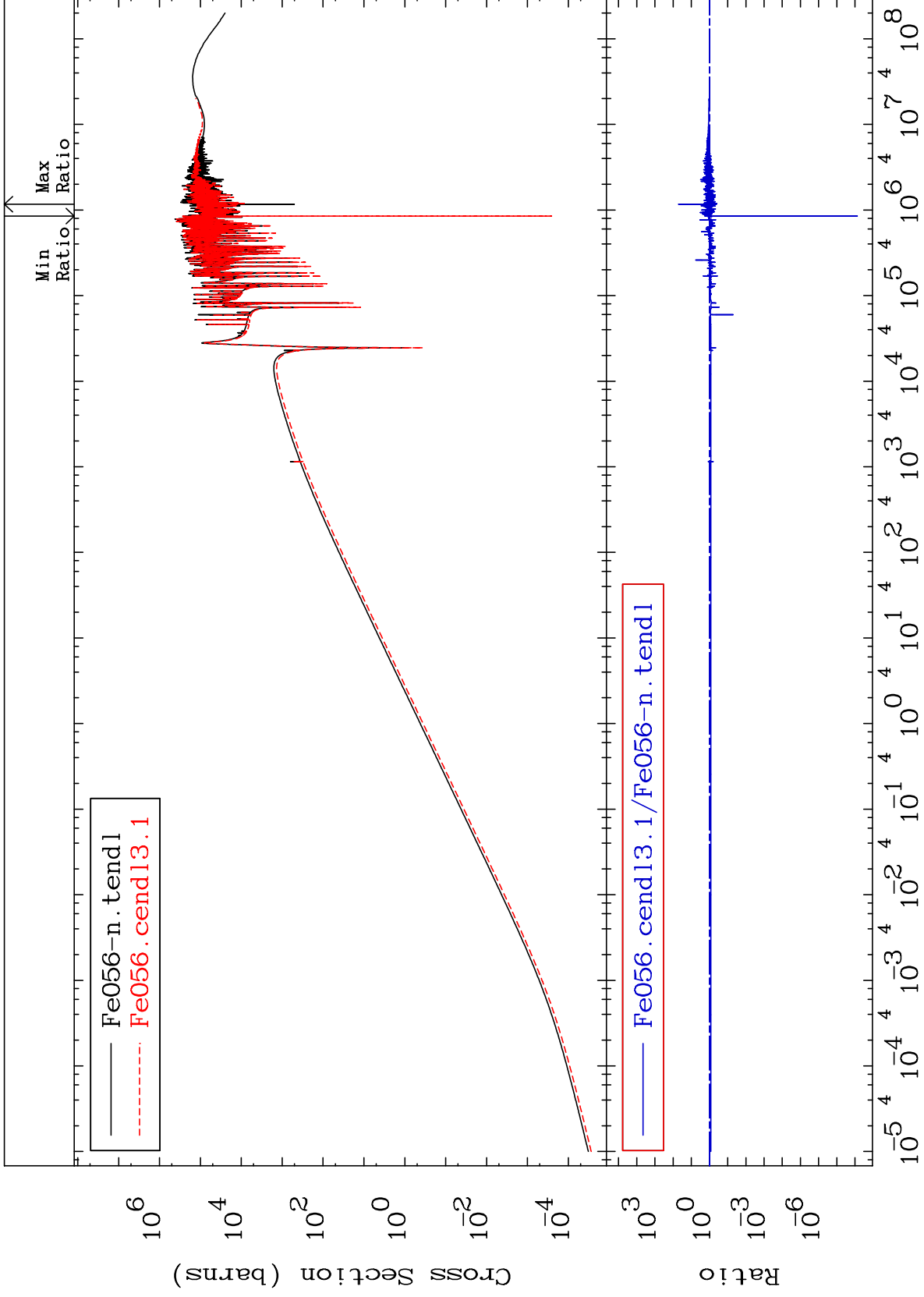
26-Fe-56
-99.92 To 9999. %



MAT 2631

Kerma elastic
Cross Section

26-Fe-56
-100.0 To 4874. %



45

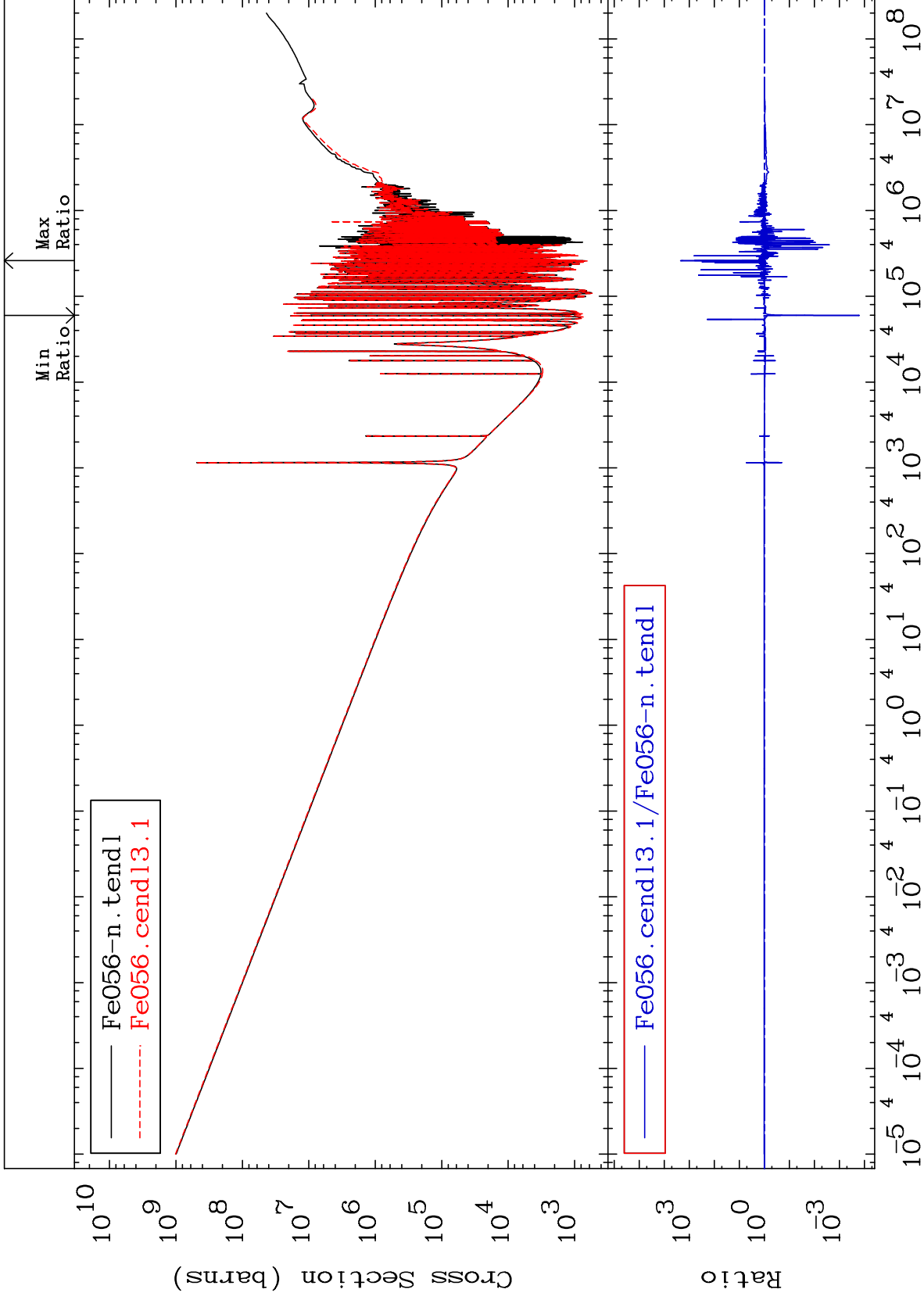
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma non-elastic (all but mt2)
Cross Section

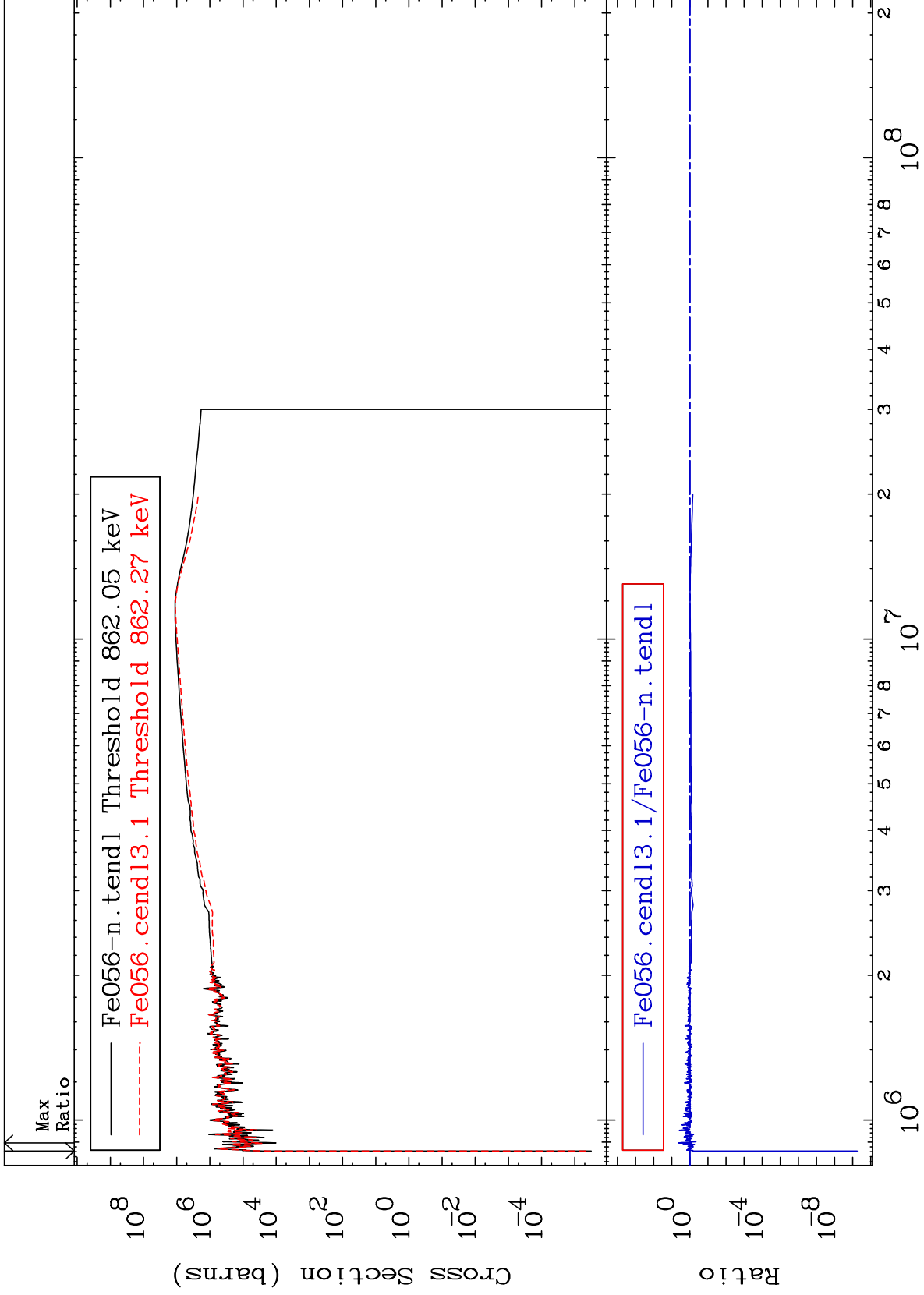
26-Fe-56
-99.98 To 9999. %



46

Incident Energy (eV)

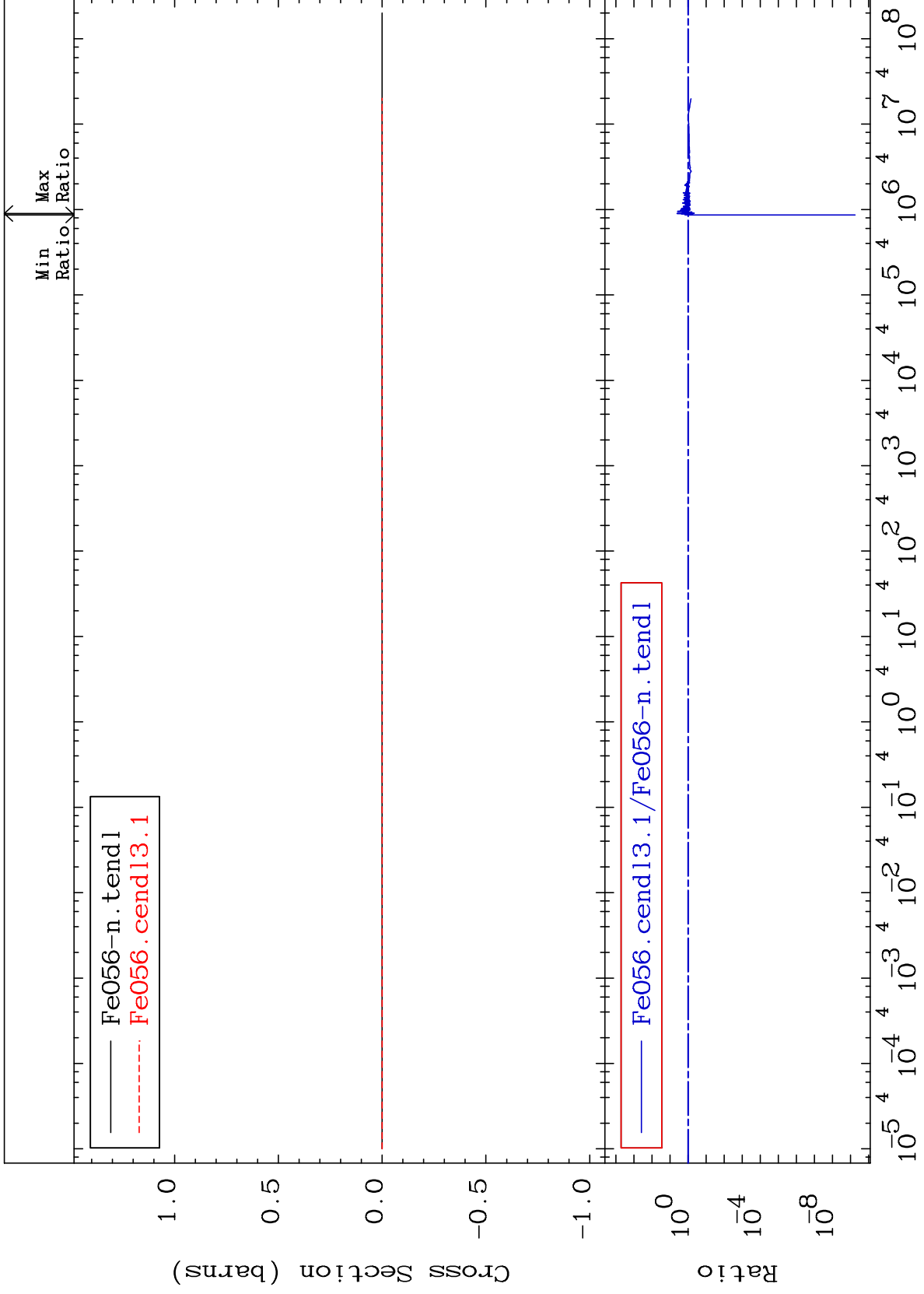
26-Fe-56



MAT 2631

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

26-Fe-56
-100.0 To 313.1 %



48

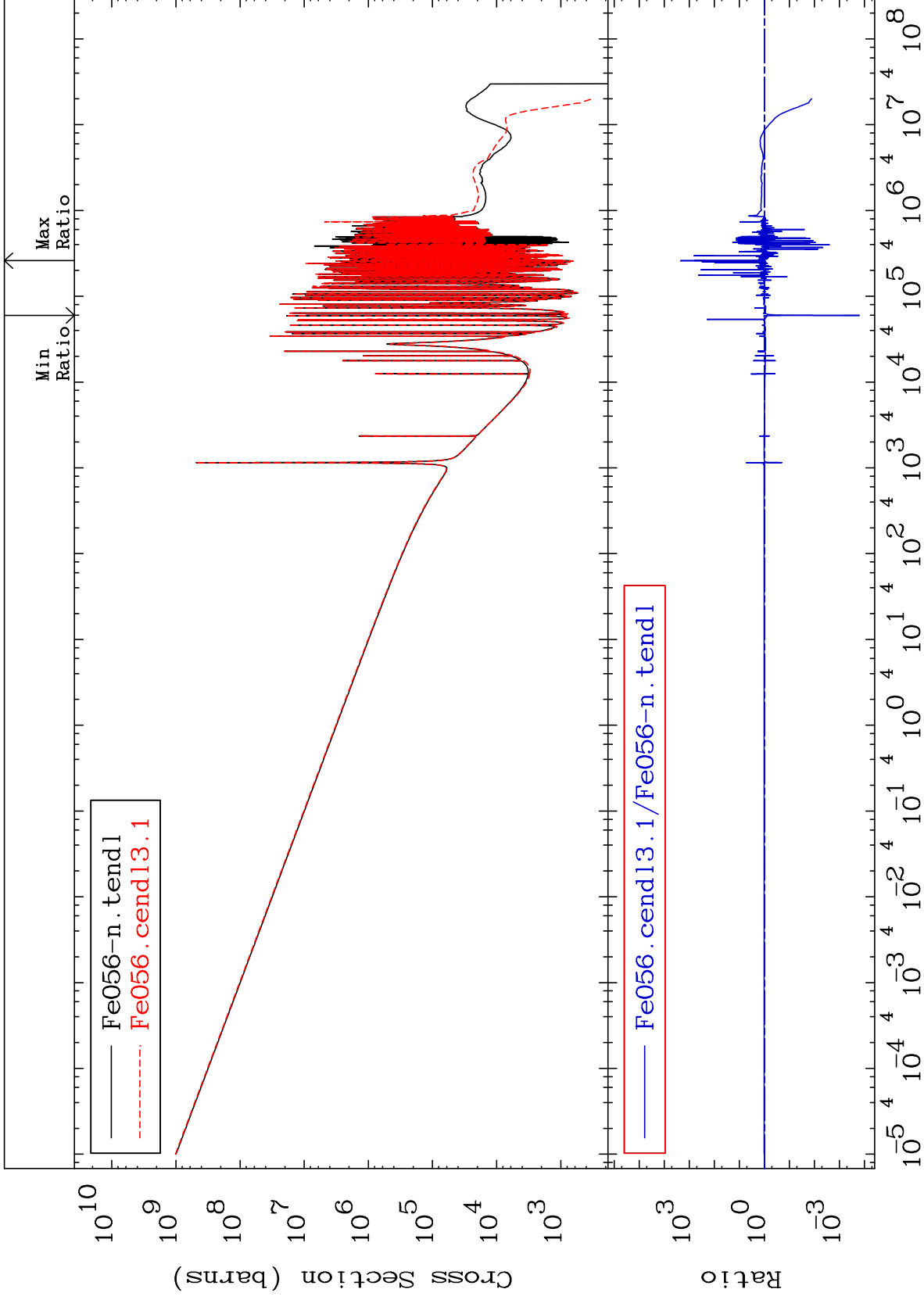
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma capture (mt102)
Cross Section

26-Fe-56
-99.98 To 9999. %



49

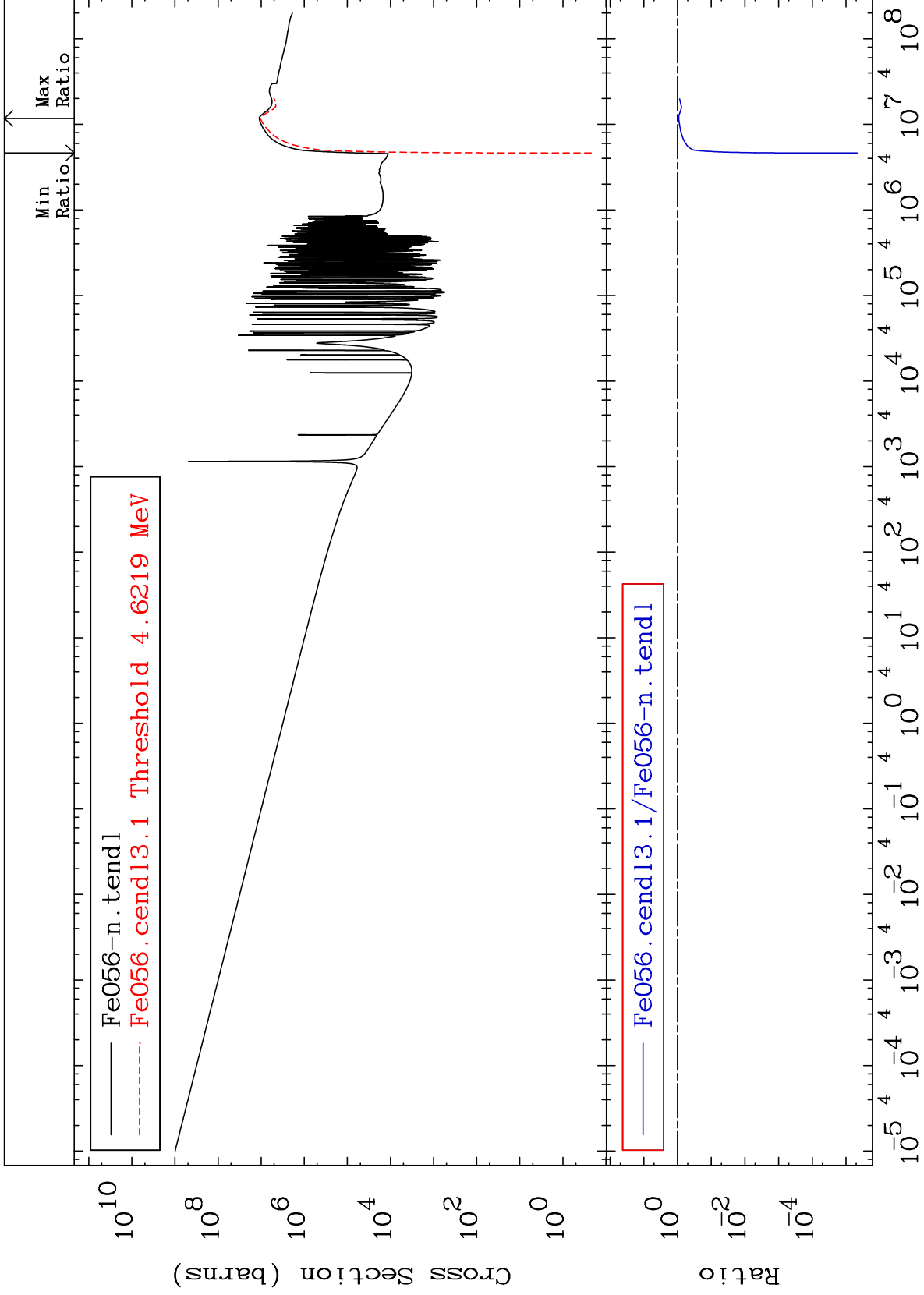
Incident Energy (eV)

26-Fe-56

MAT 2631

Total photon (eV-barns)
Cross Section

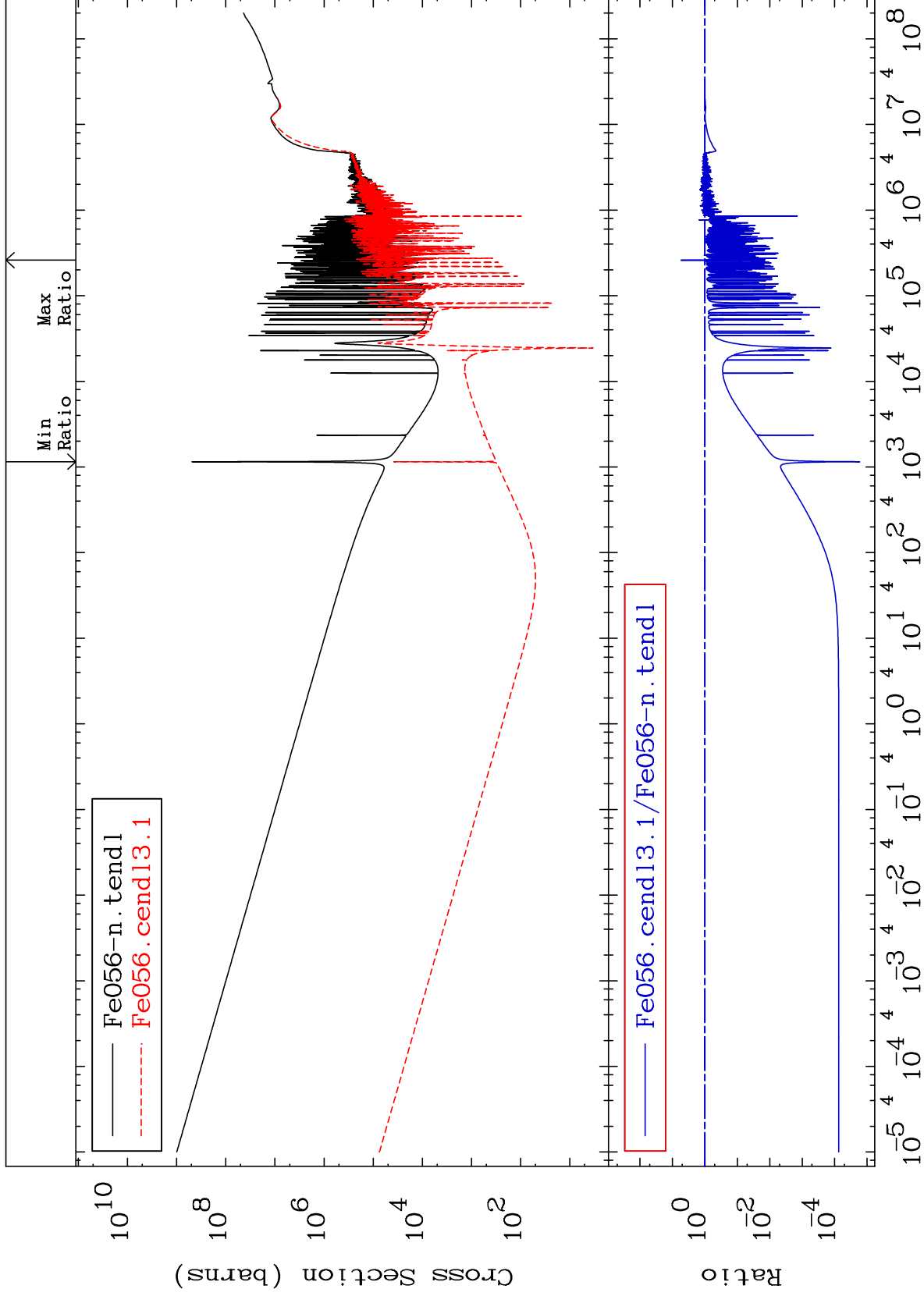
26-Fe-56
-100.0 To -6.839%



50

Incident Energy (eV)

26-Fe-56



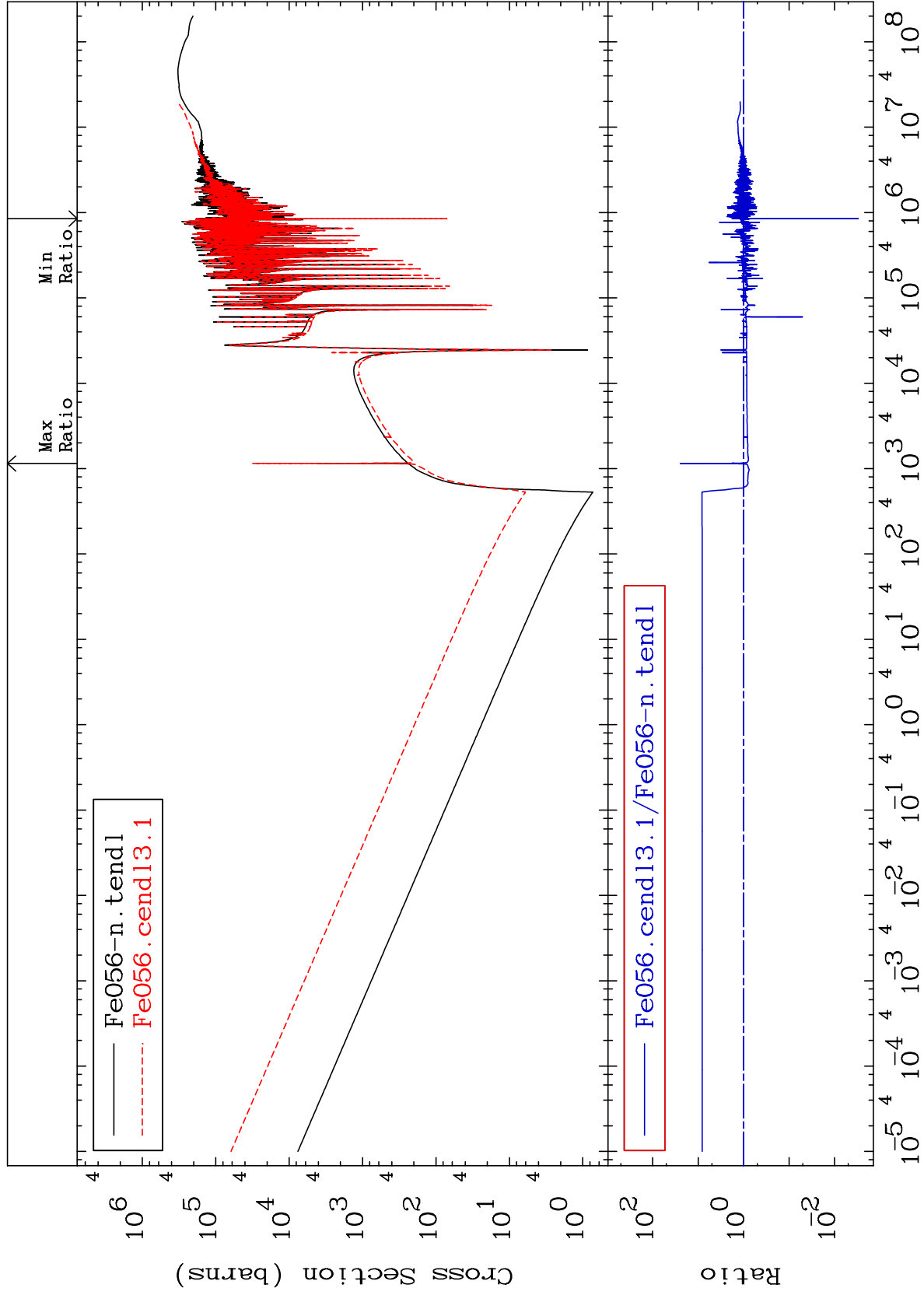
MAT 2631

Dpa total (eV-barns)

26-Fe-56

-99.70 To 2403. %

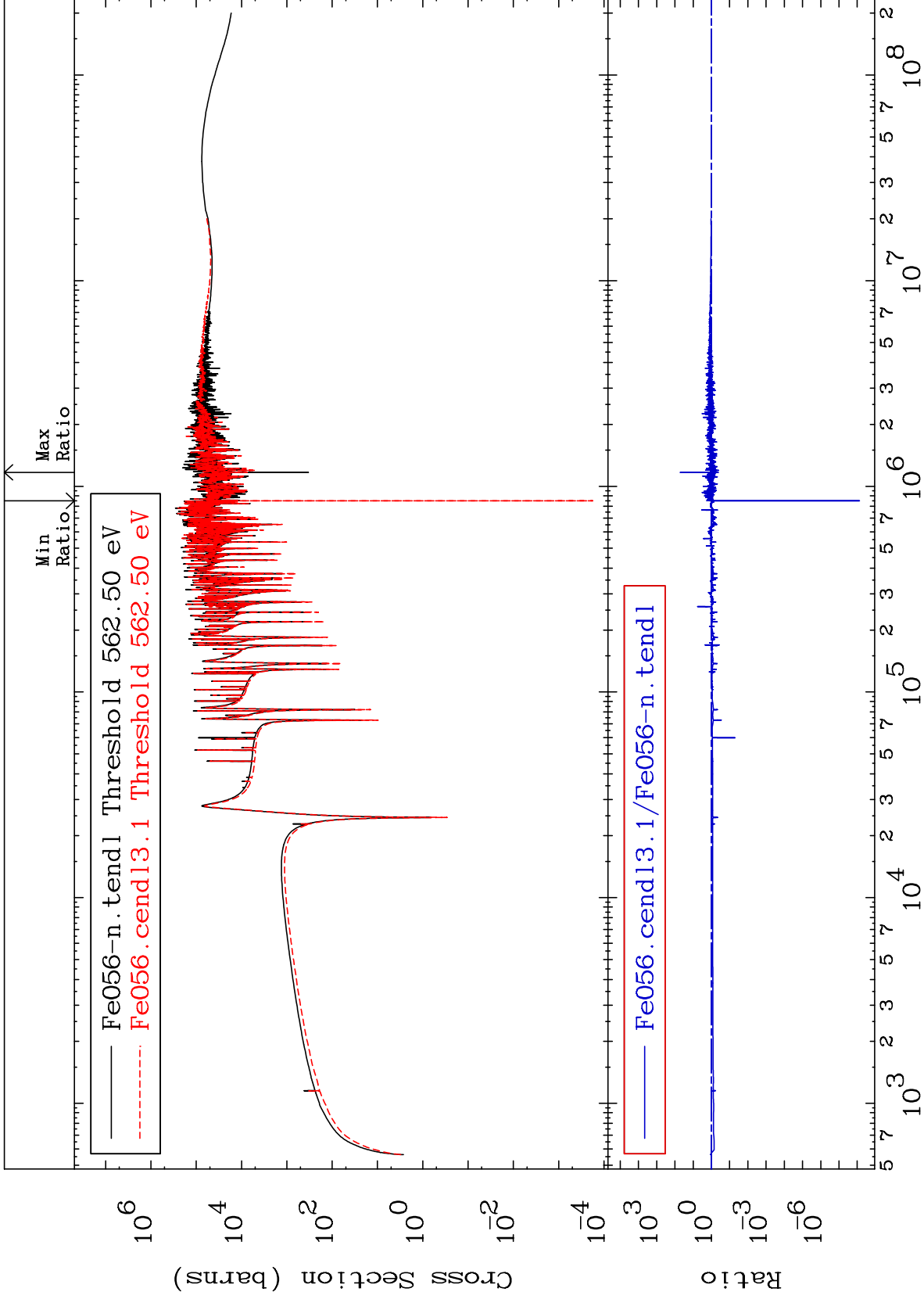
Cross Section

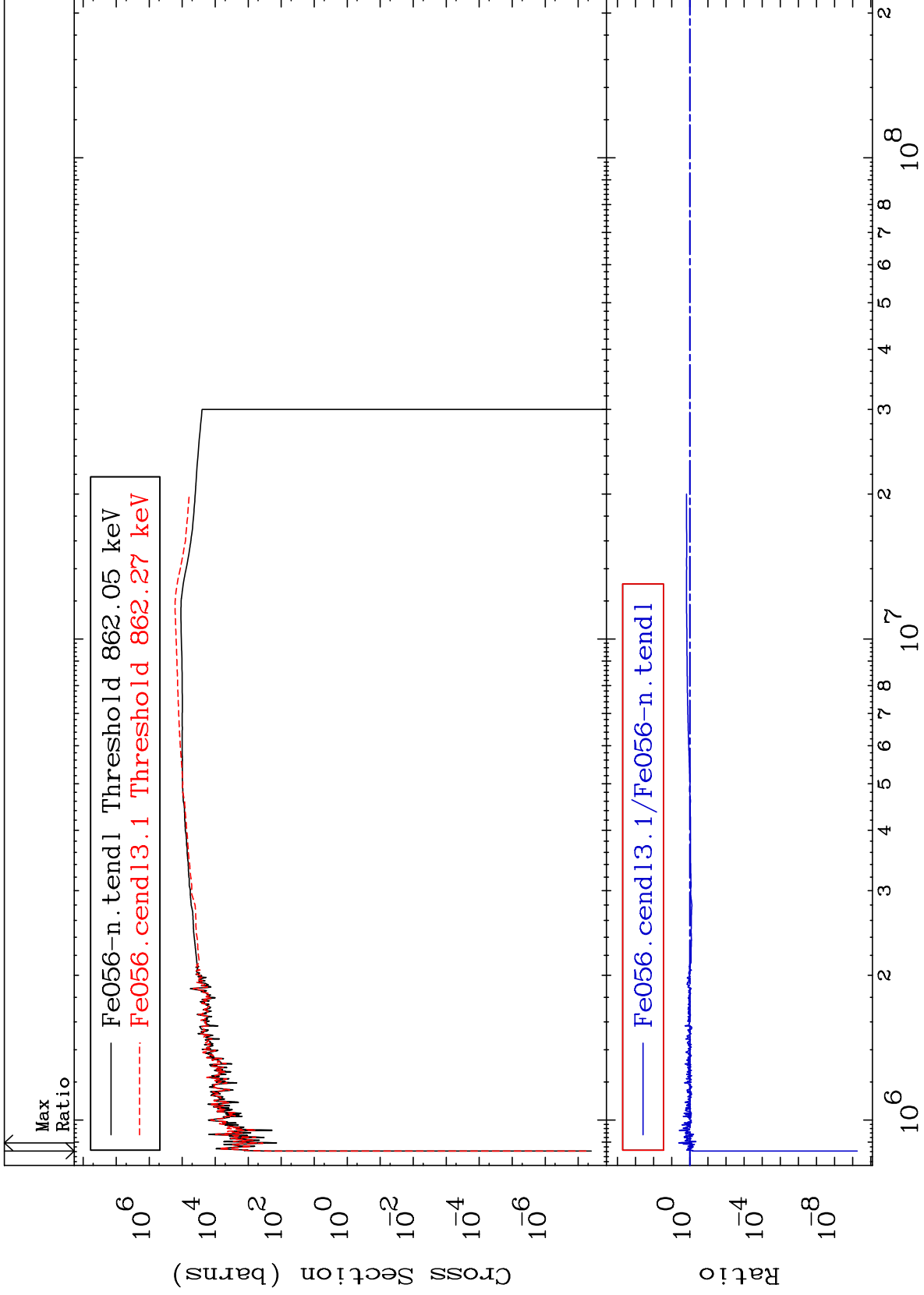


52

Incident Energy (eV)

26-Fe-56

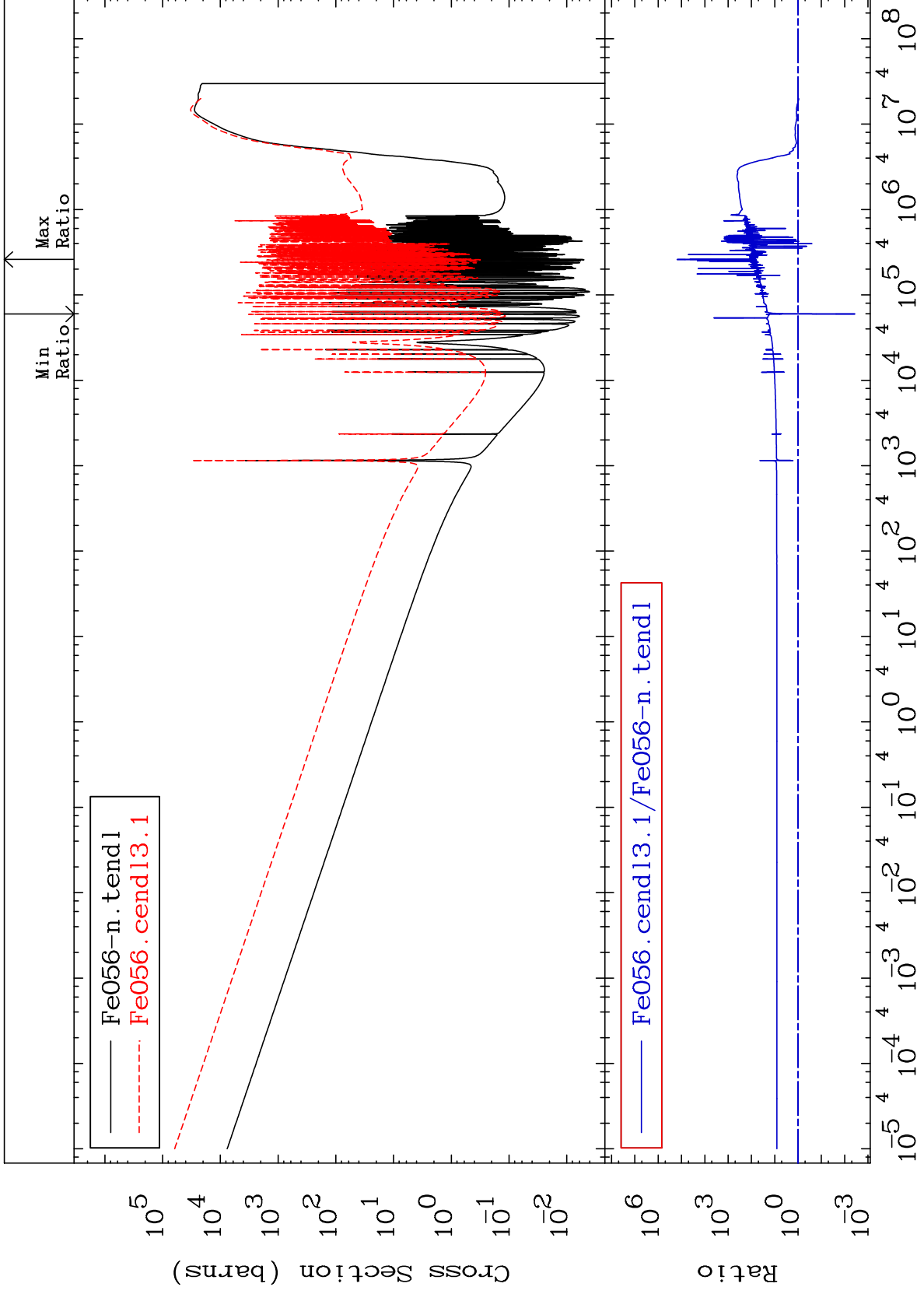




MAT 2631

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-56
-99.64 To 9999. %



55

Incident Energy (eV)

26-Fe-56