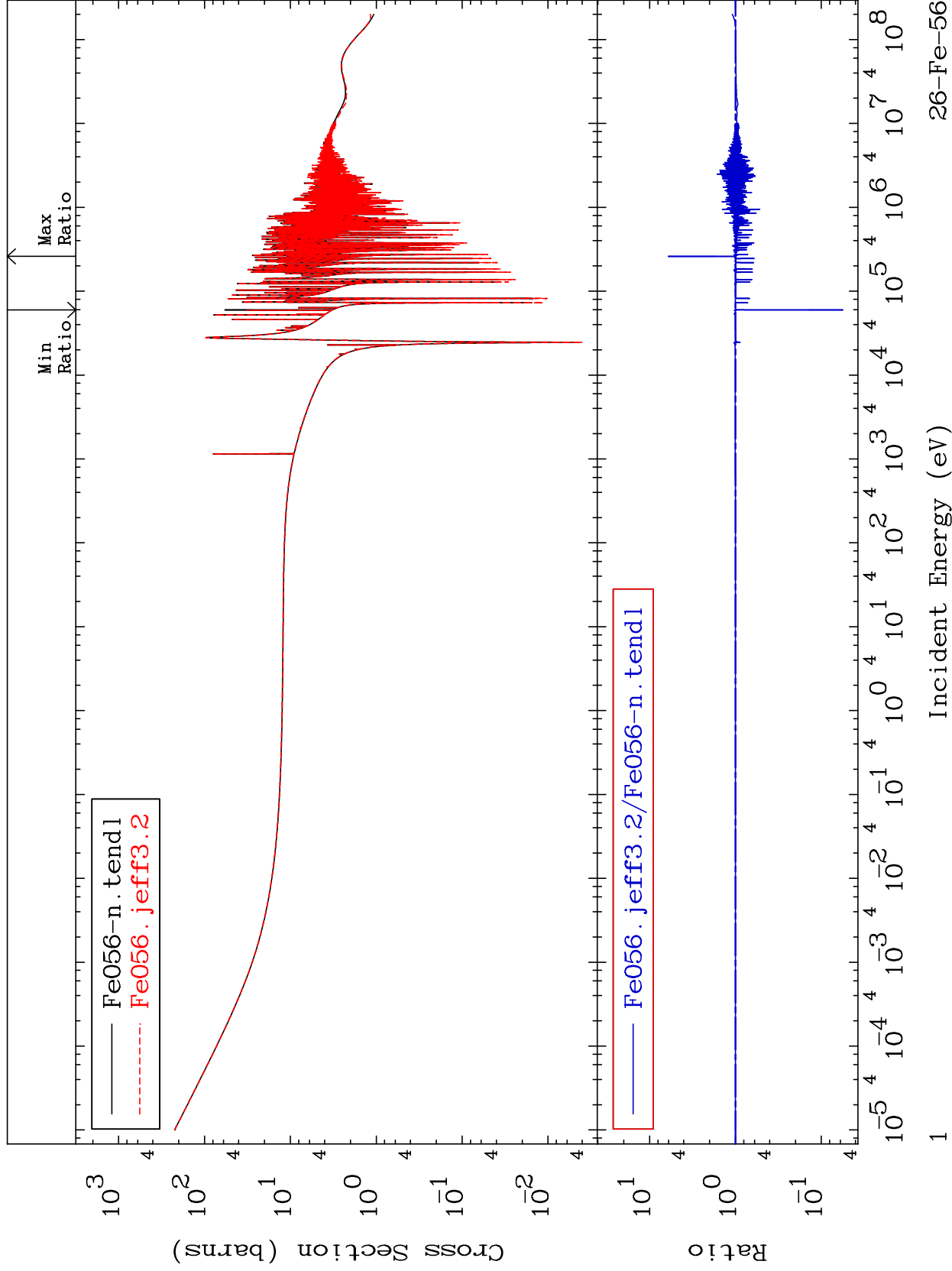


MAT 2631

Total
Cross Section

26-Fe-56
-94.41 To 509.7 %



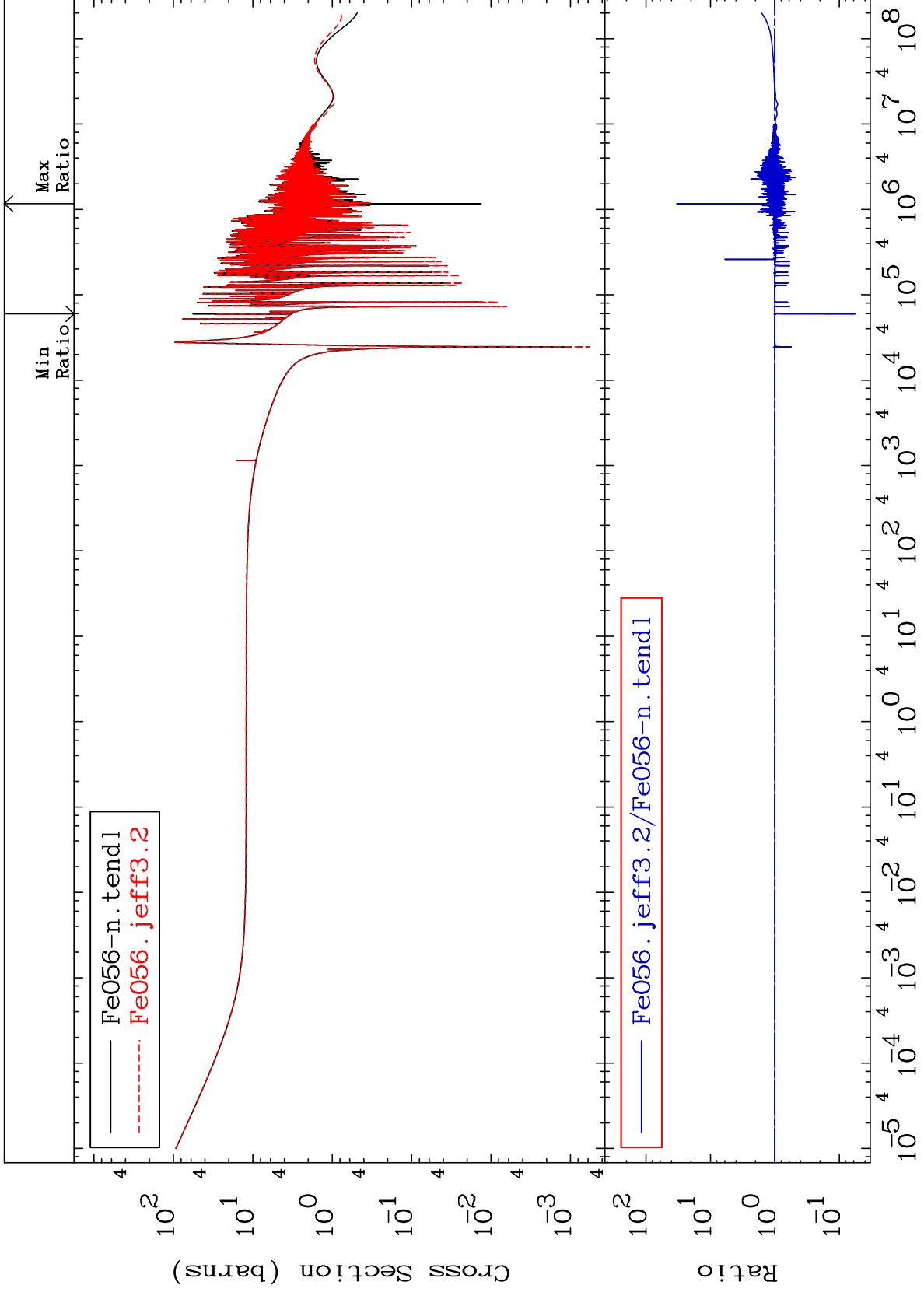
Incident Energy (eV)

26-Fe-56

MAT 2631

Elastic
Cross Section

26-Fe-56
-94.29 To 3205. %



Incident Energy (eV)

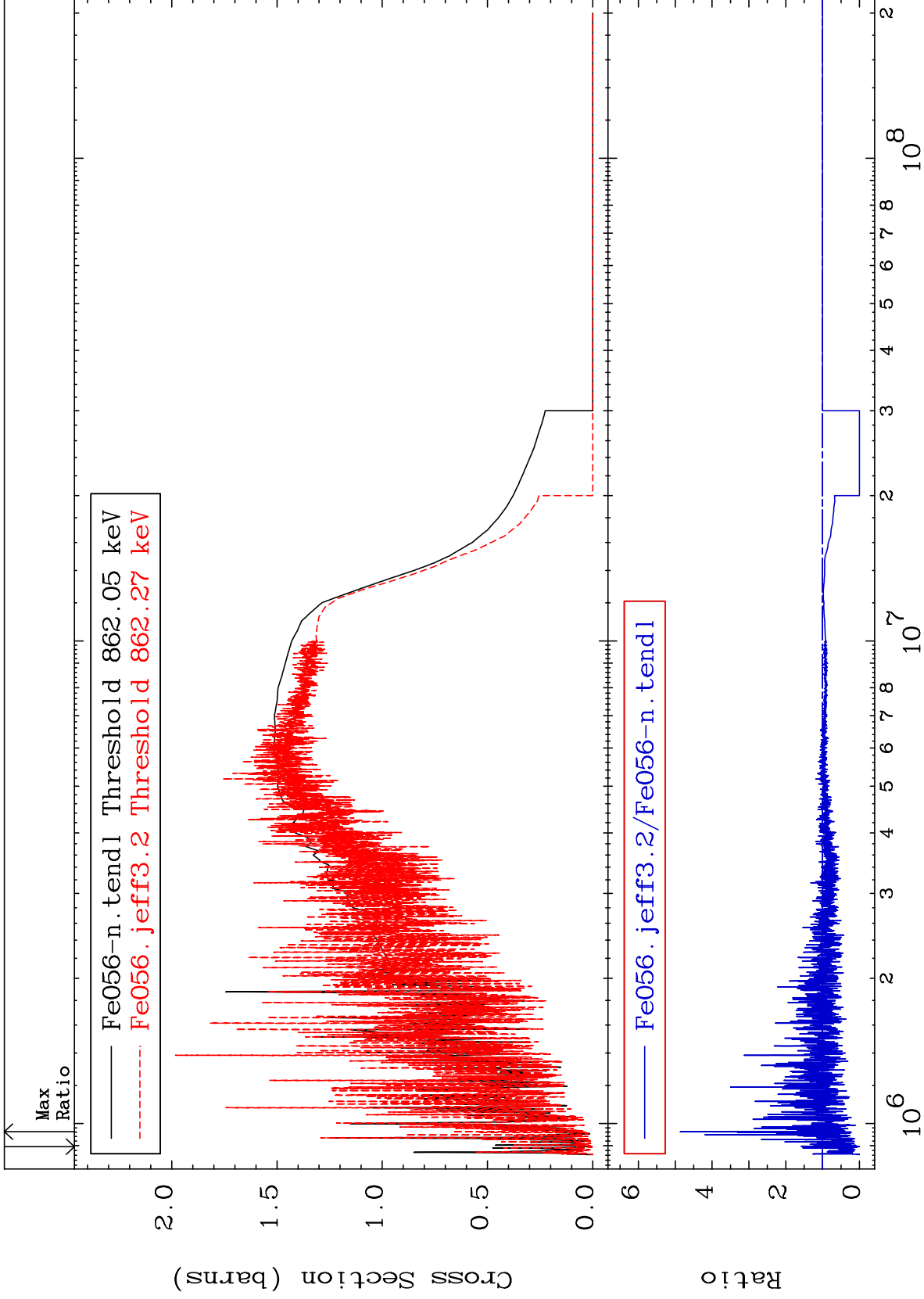
26-Fe-56

2

MAT 2631

Inelastic
Cross Section

²⁶Fe-56
-100.0 To 386.1 %



3

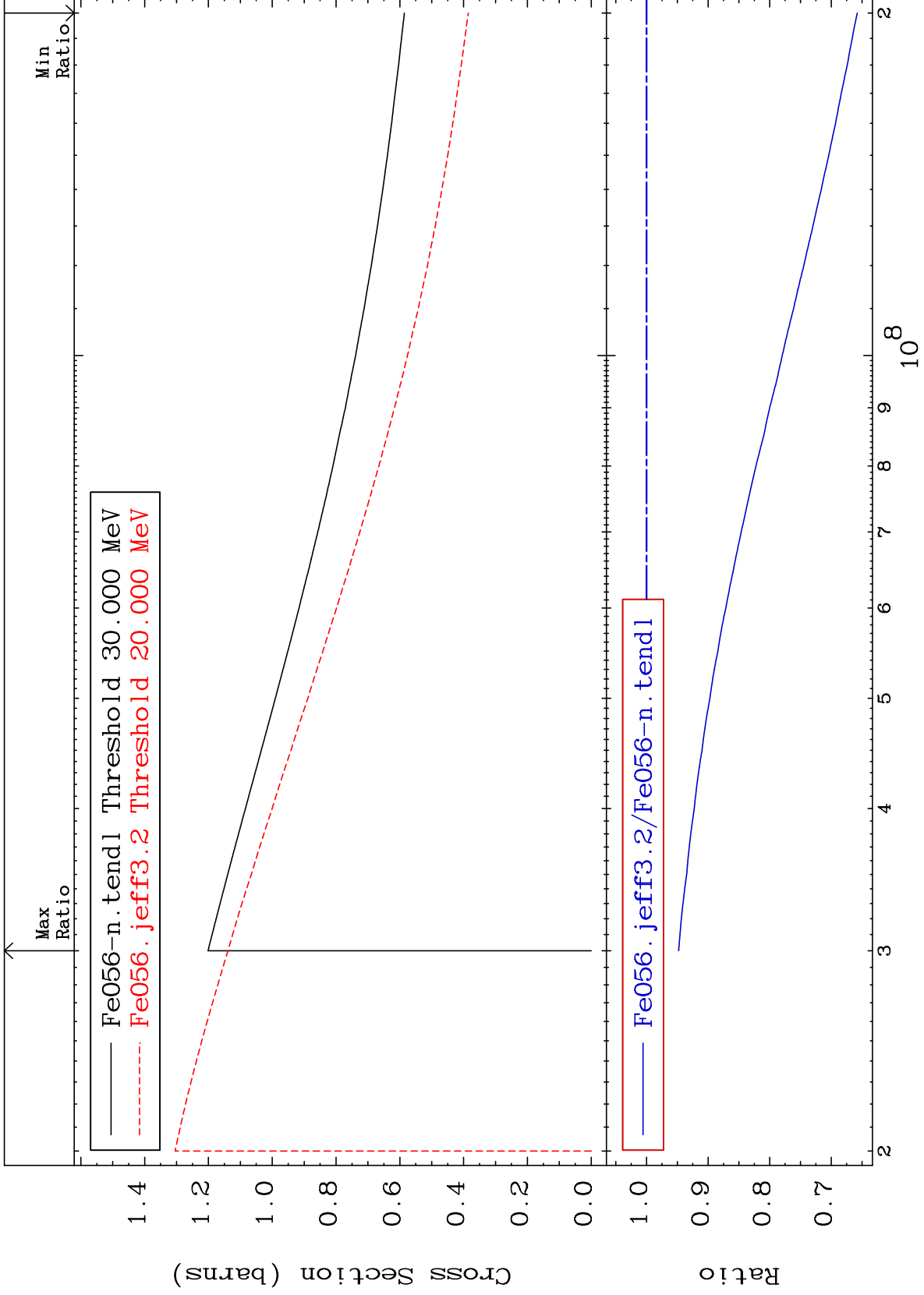
Incident Energy (eV)

²⁶Fe-56

MAT 2631

(n, remainder)
Cross Section

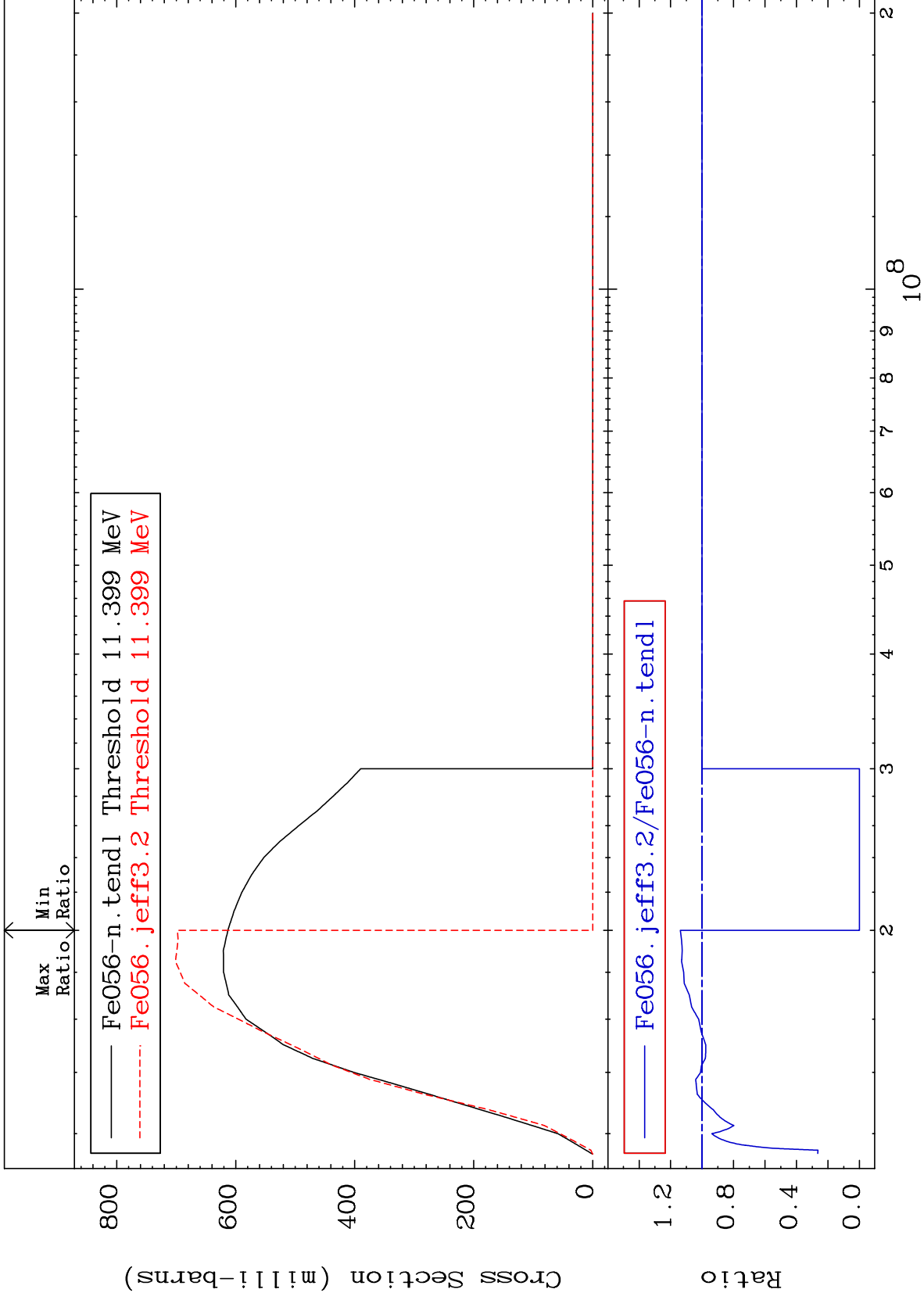
26-Fe-56
-34.21 To -5.200%



MAT 2631

(n,2n)
Cross Section

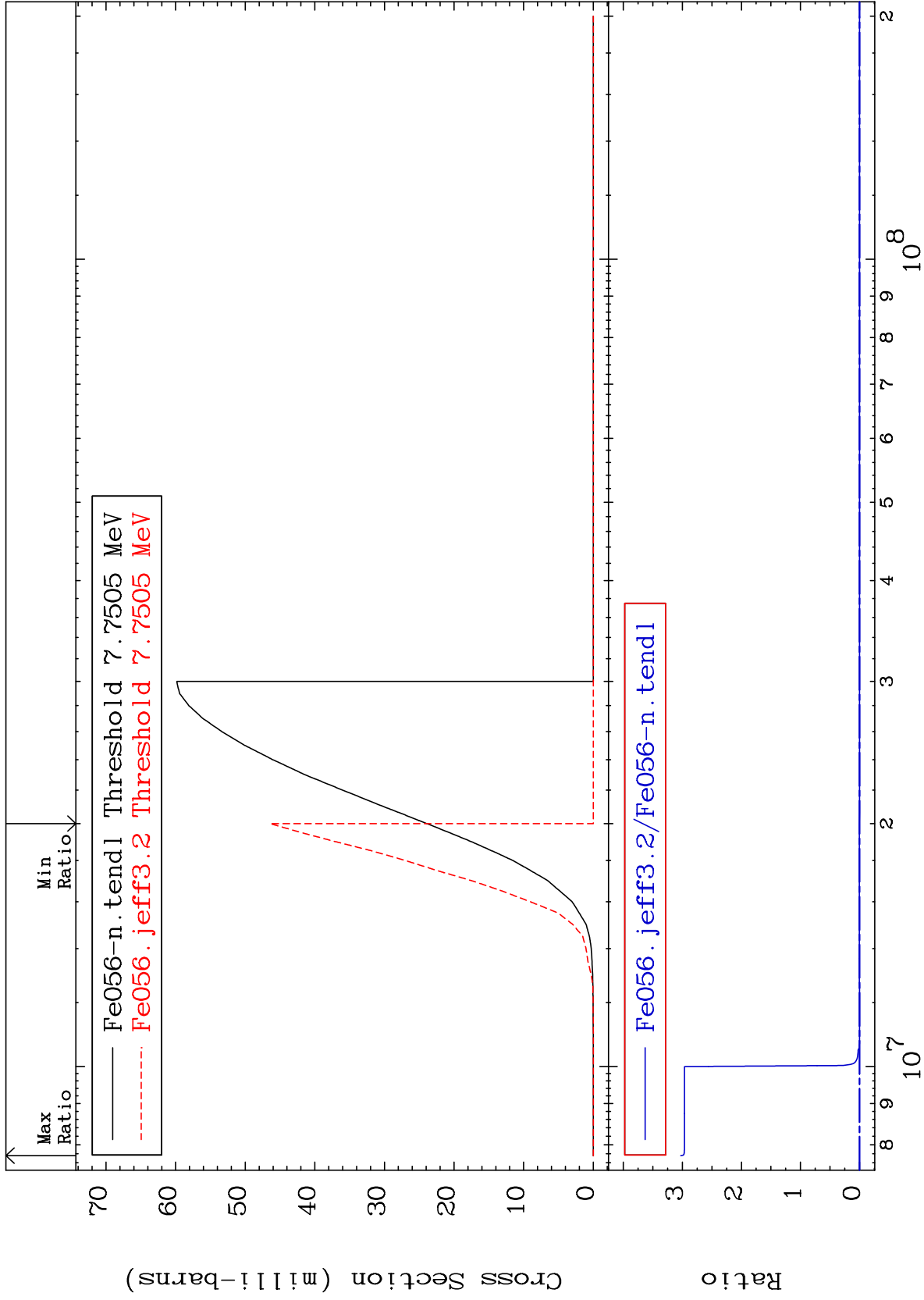
²⁶Fe-56
-100.0 To 13.80 %



MAT 2631

(n,n') α
Cross Section

26-Fe-56
-100.0 To 9999. %



6

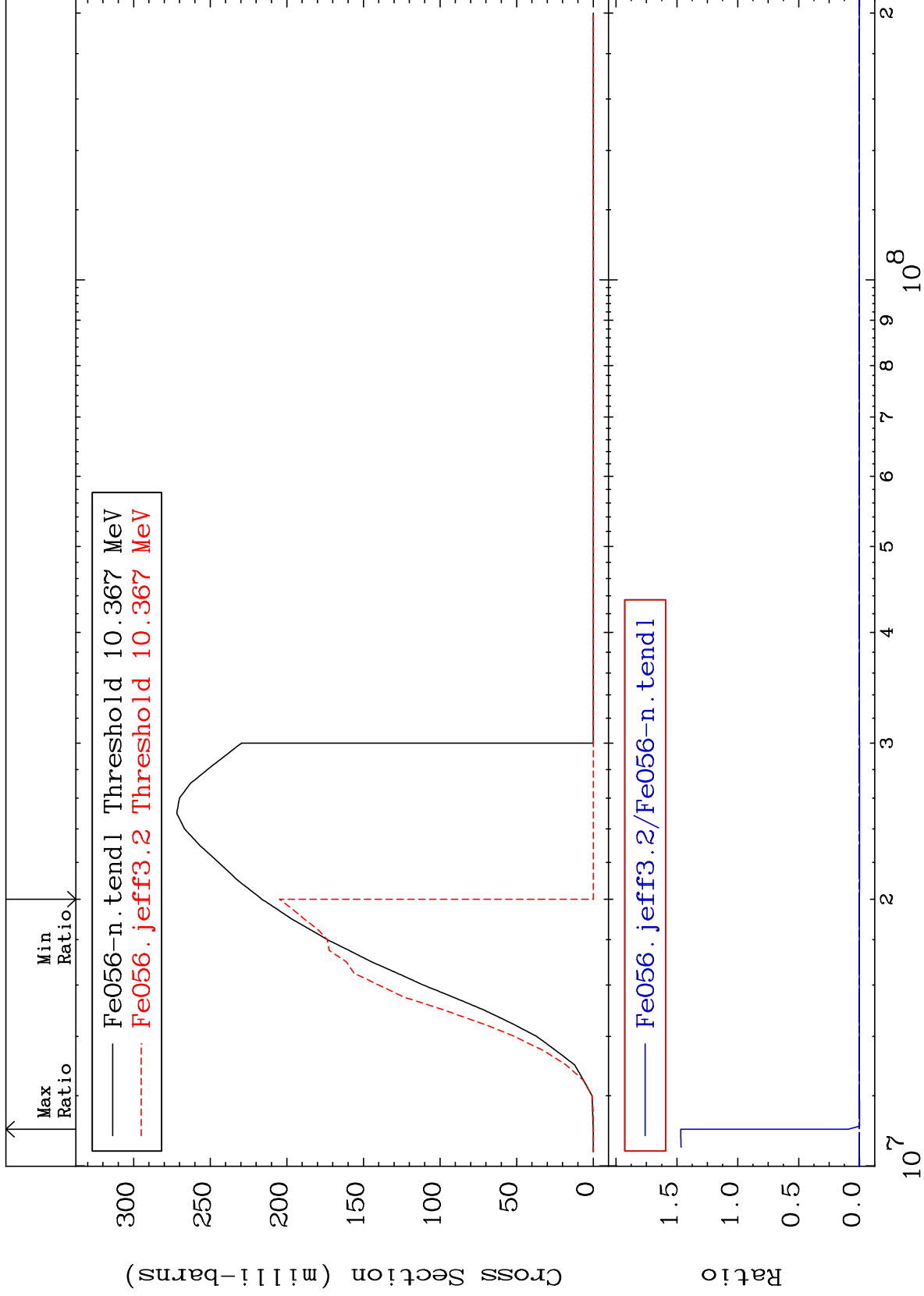
Incident Energy (eV)

26-Fe-56

MAT 2631

(n,n') p
Cross Section

²⁶Fe-56
-100.0 To 9999. %



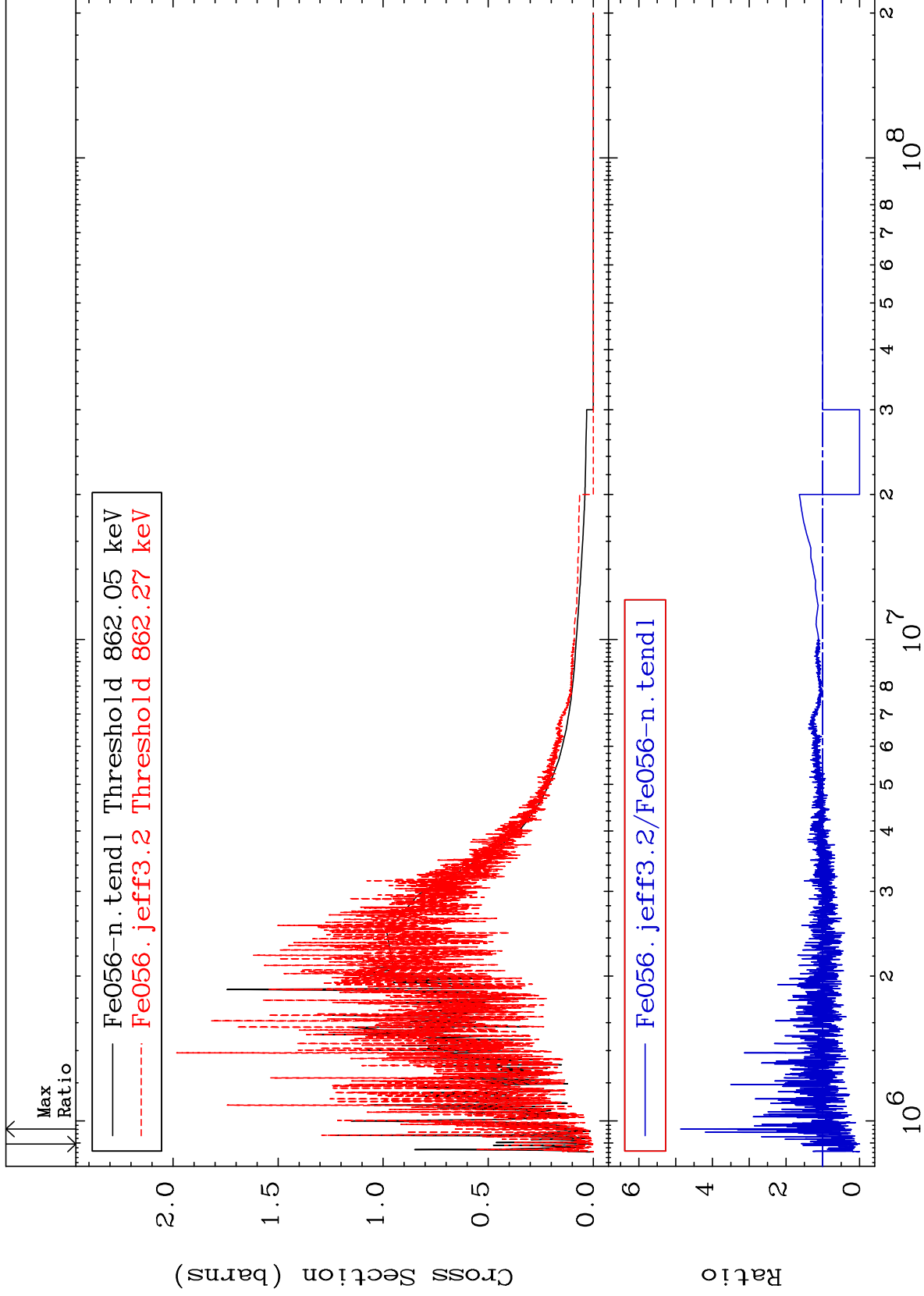
Incident Energy (eV)

²⁶Fe-56

MAT 2631

846.8 keV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 386.1 %



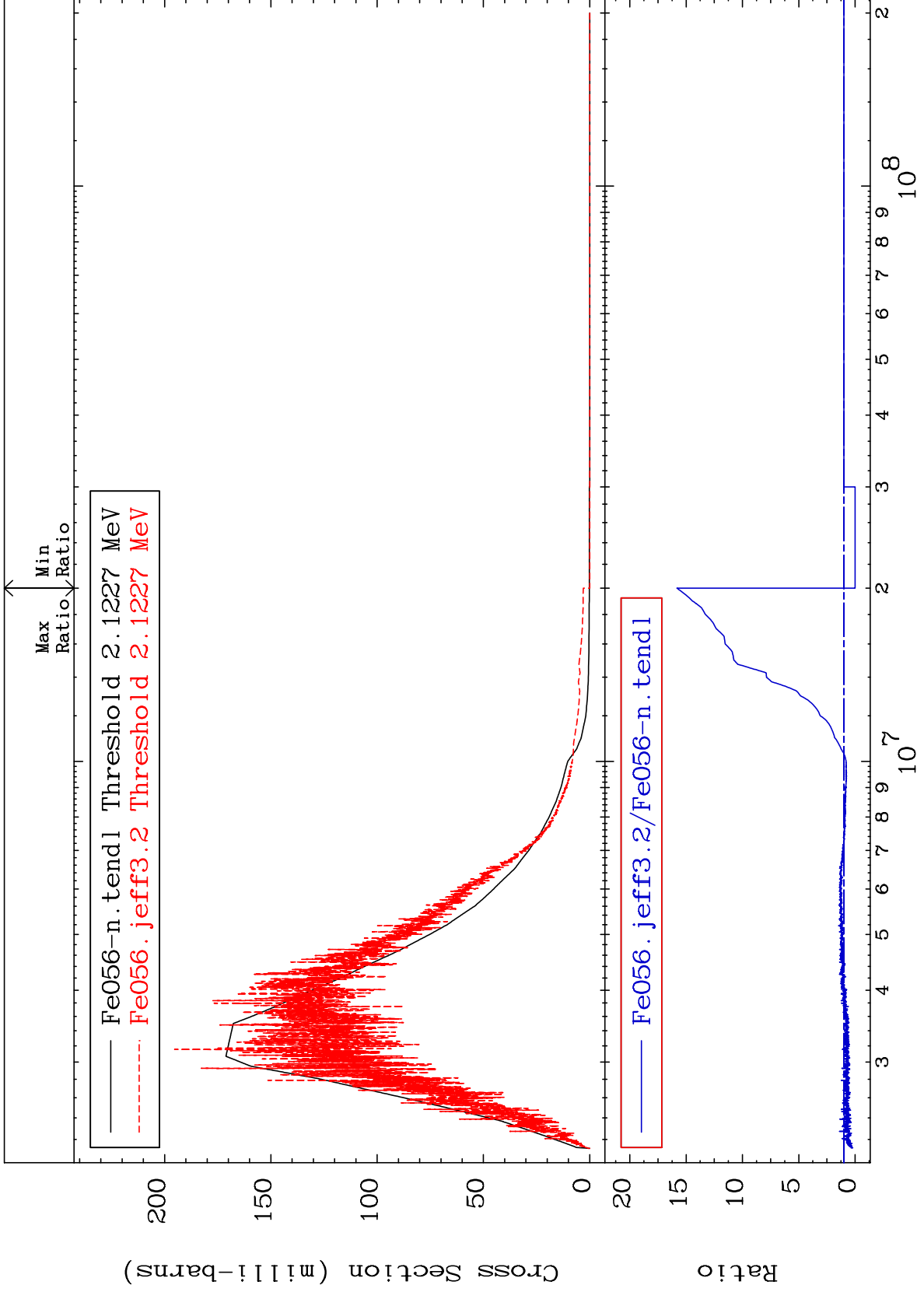
Incident Energy (eV)

²⁶Fe-56

MAT 2631

2.085 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 1482. %



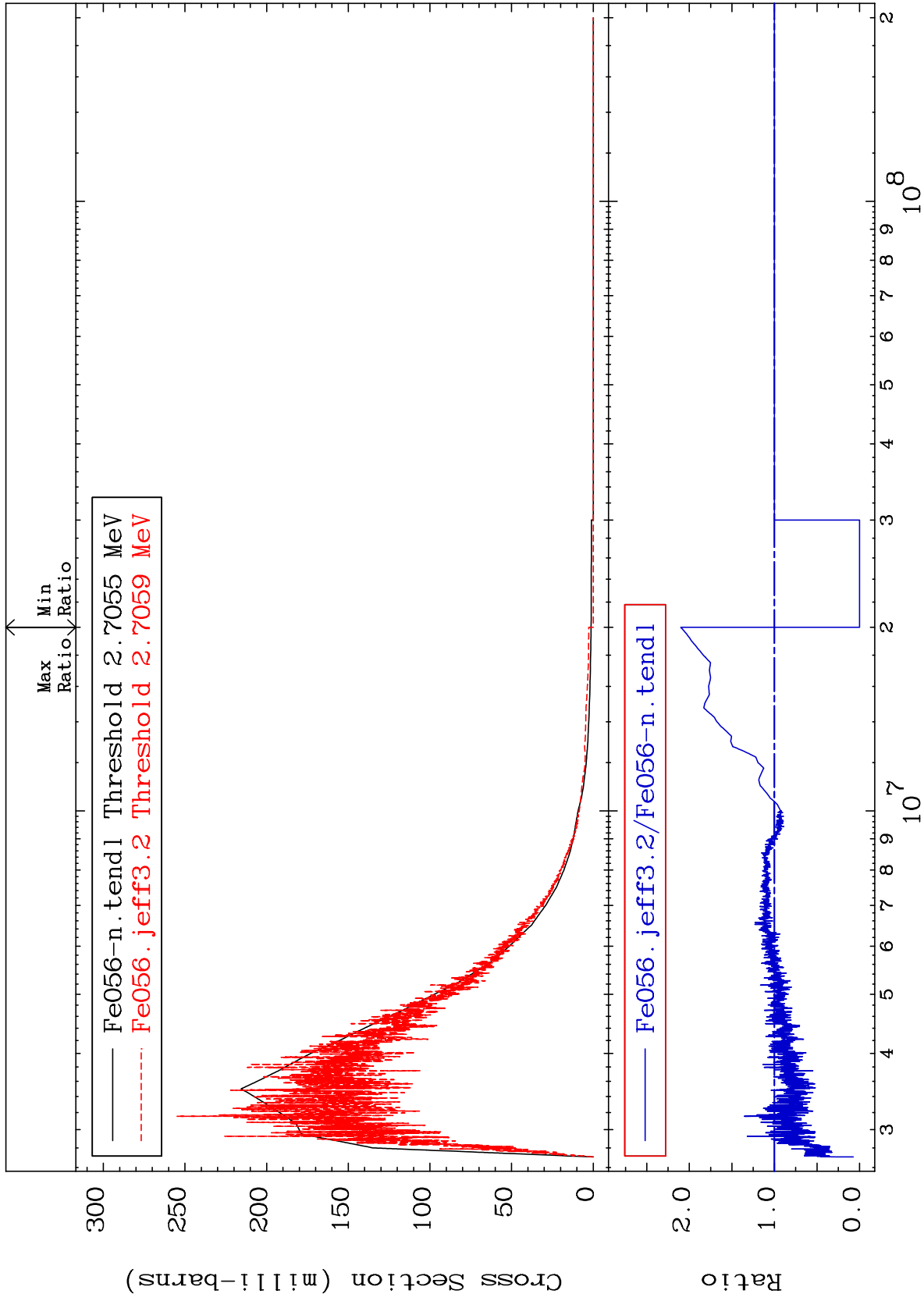
MAT 2631

2.658 MeV (n,n') Level

²⁶Fe-56

-100.0 To 110.0 %

Cross Section



10

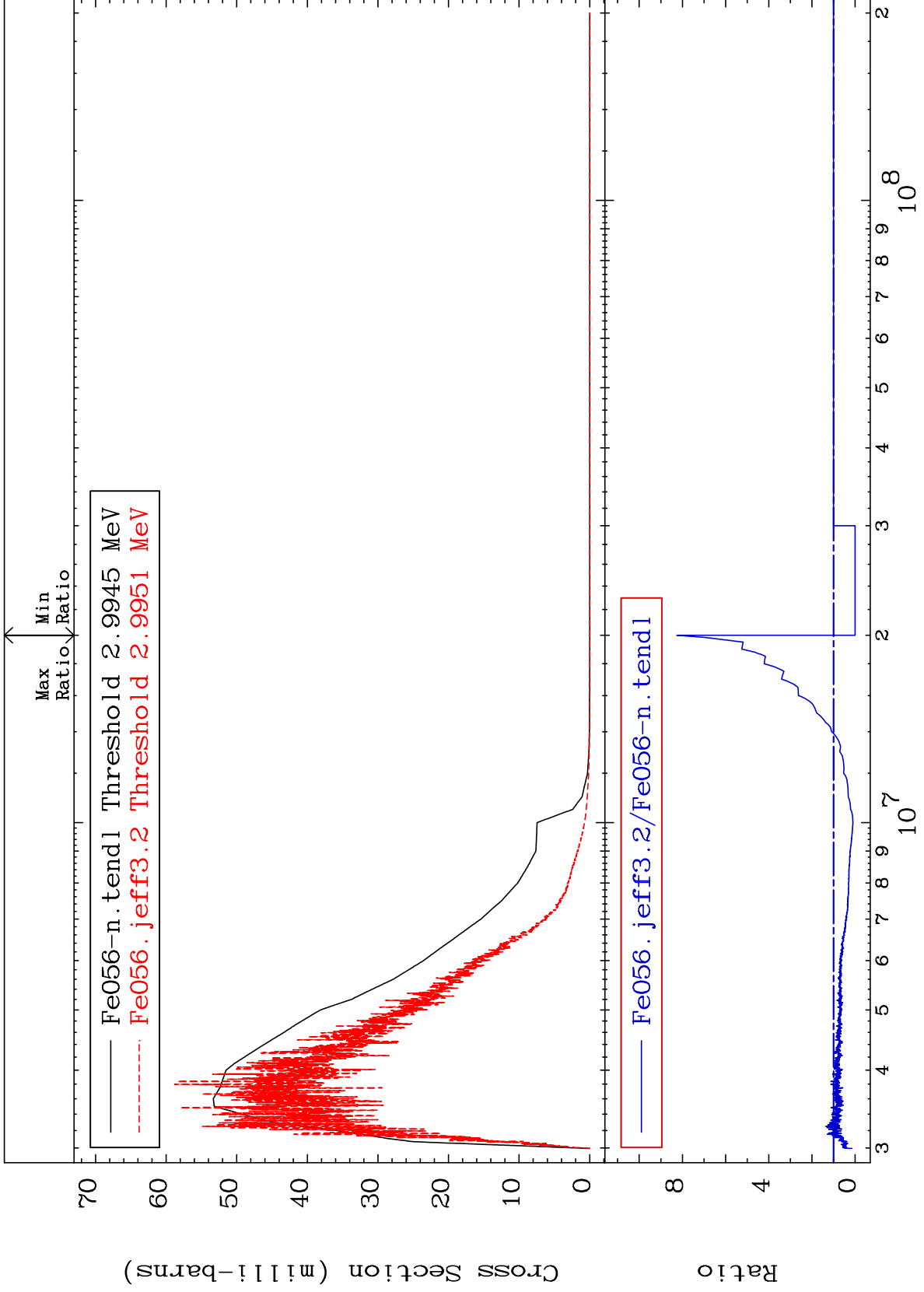
Incident Energy (eV)

²⁶Fe-56

MAT 2631

2.942 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 725.3 %



11

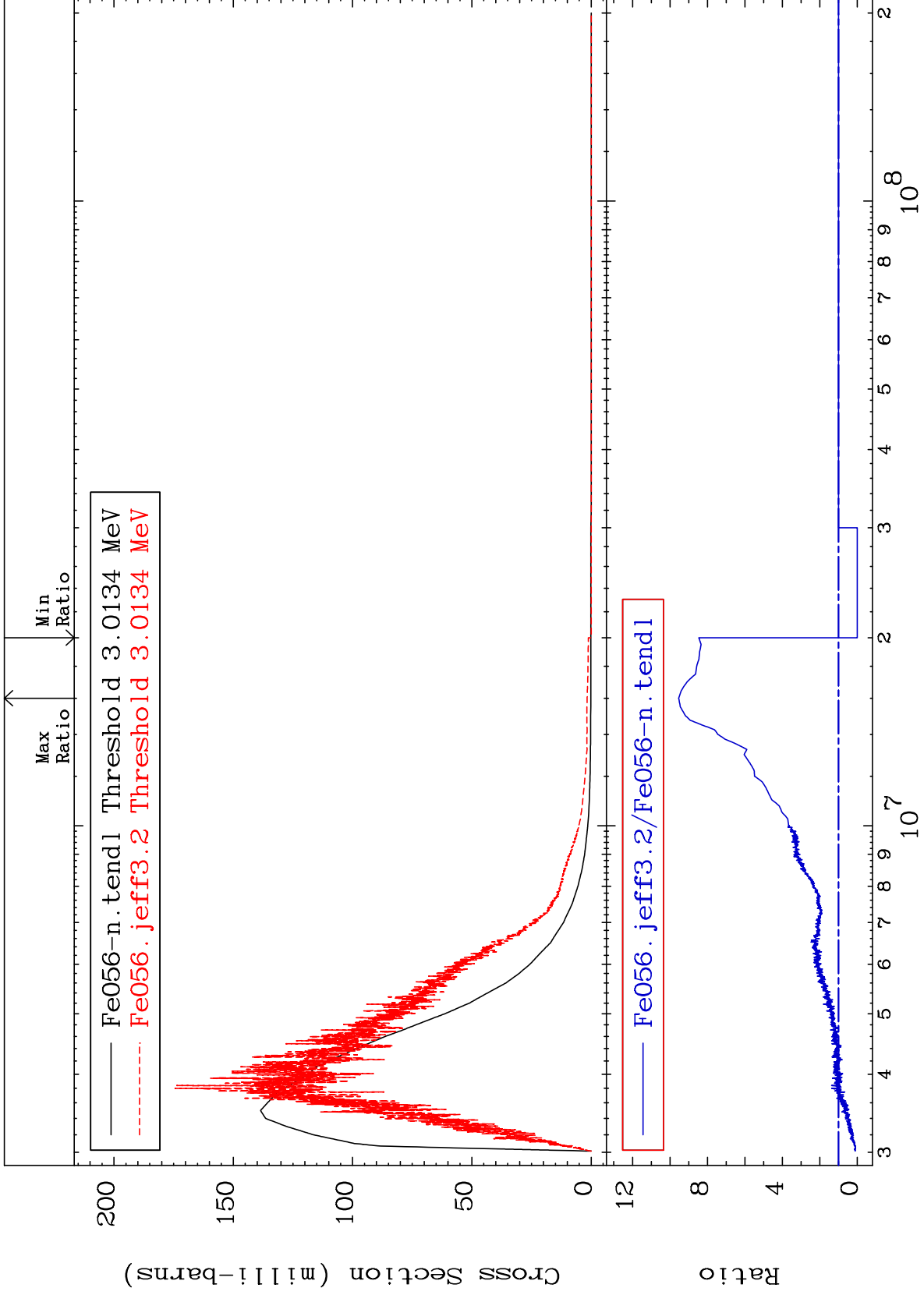
Incident Energy (eV)

26-Fe-56

MAT 2631

2.960 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 853.8 %



12

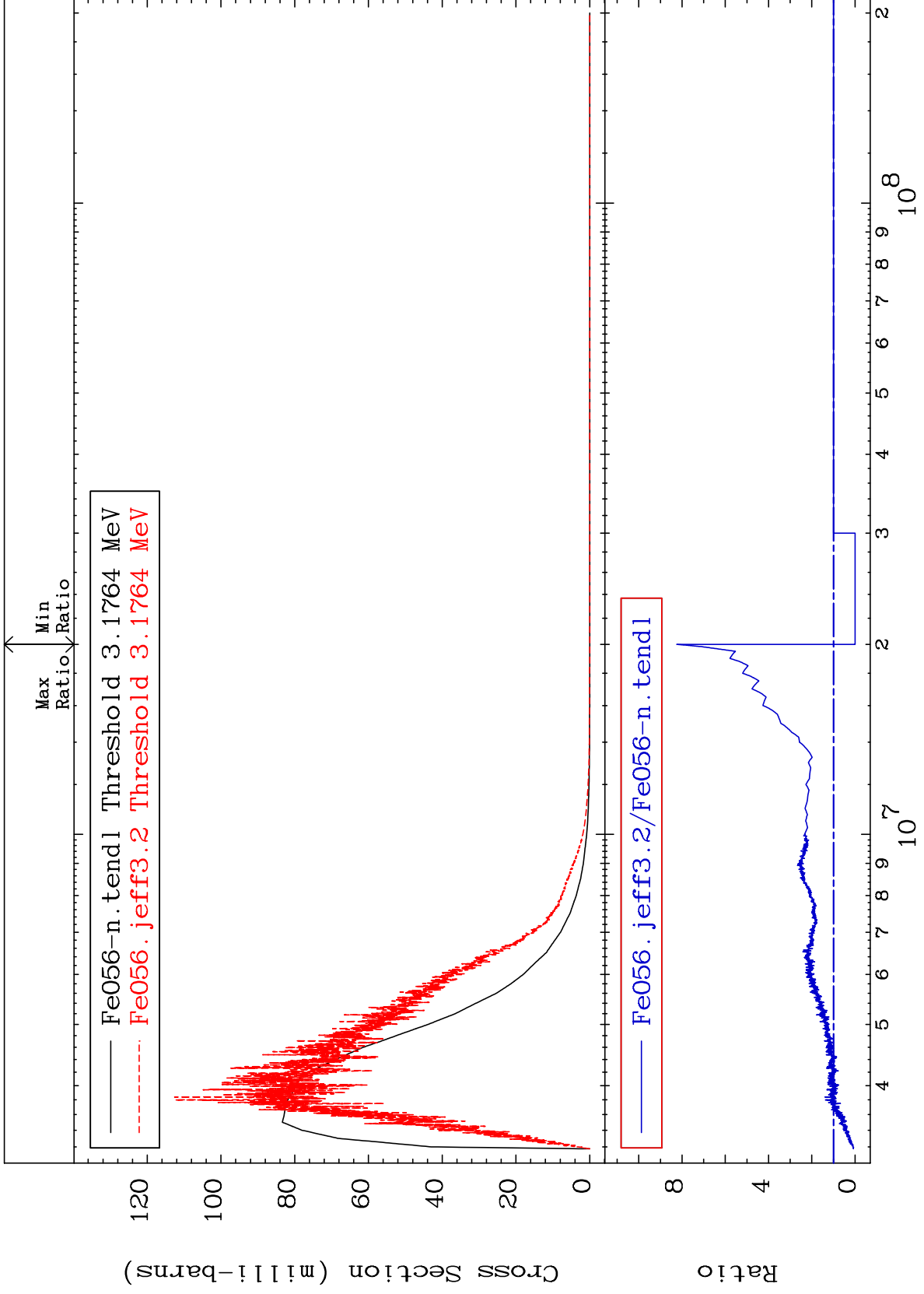
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.120 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 723.6 %



13

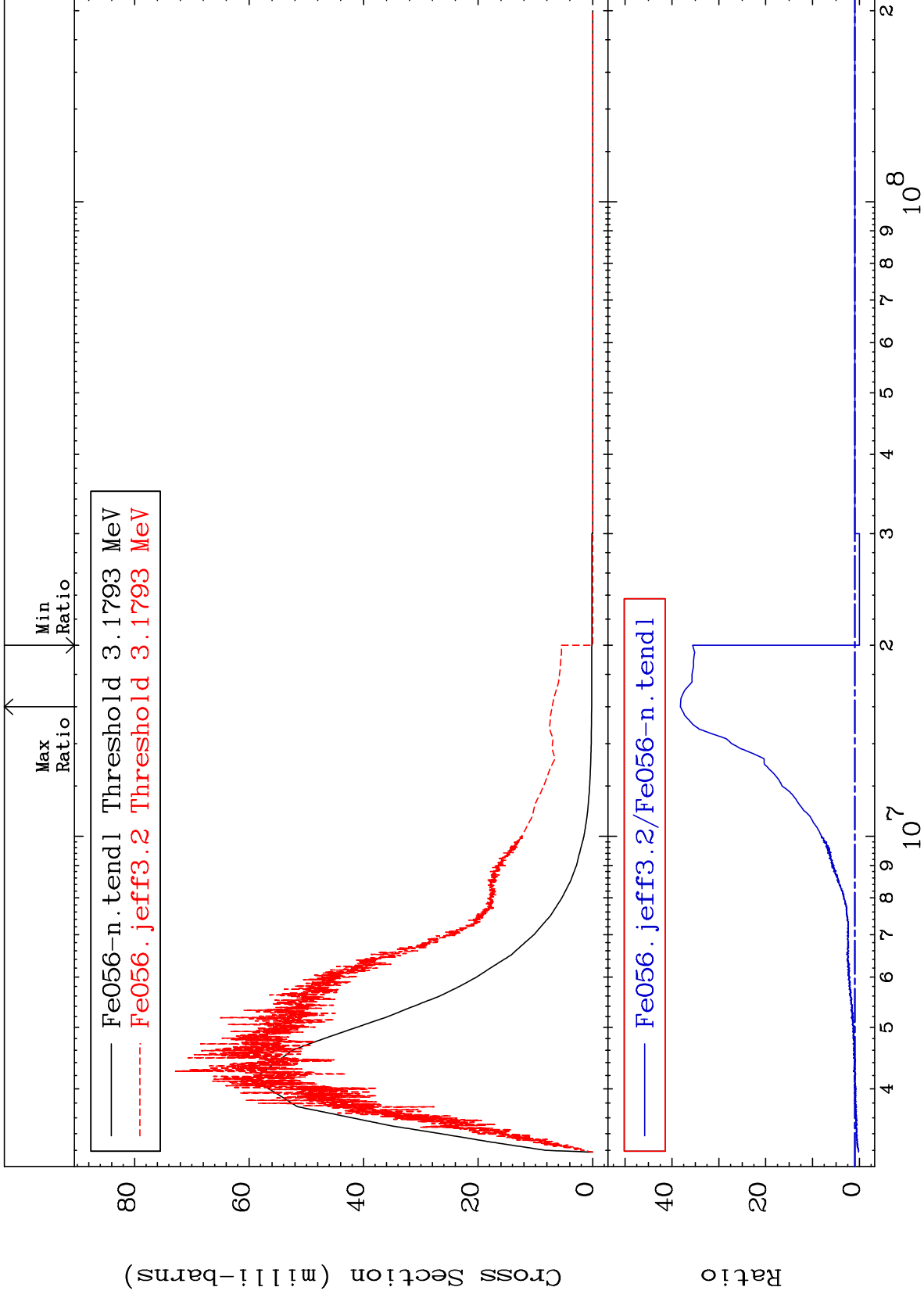
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.123 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 3720. %



14

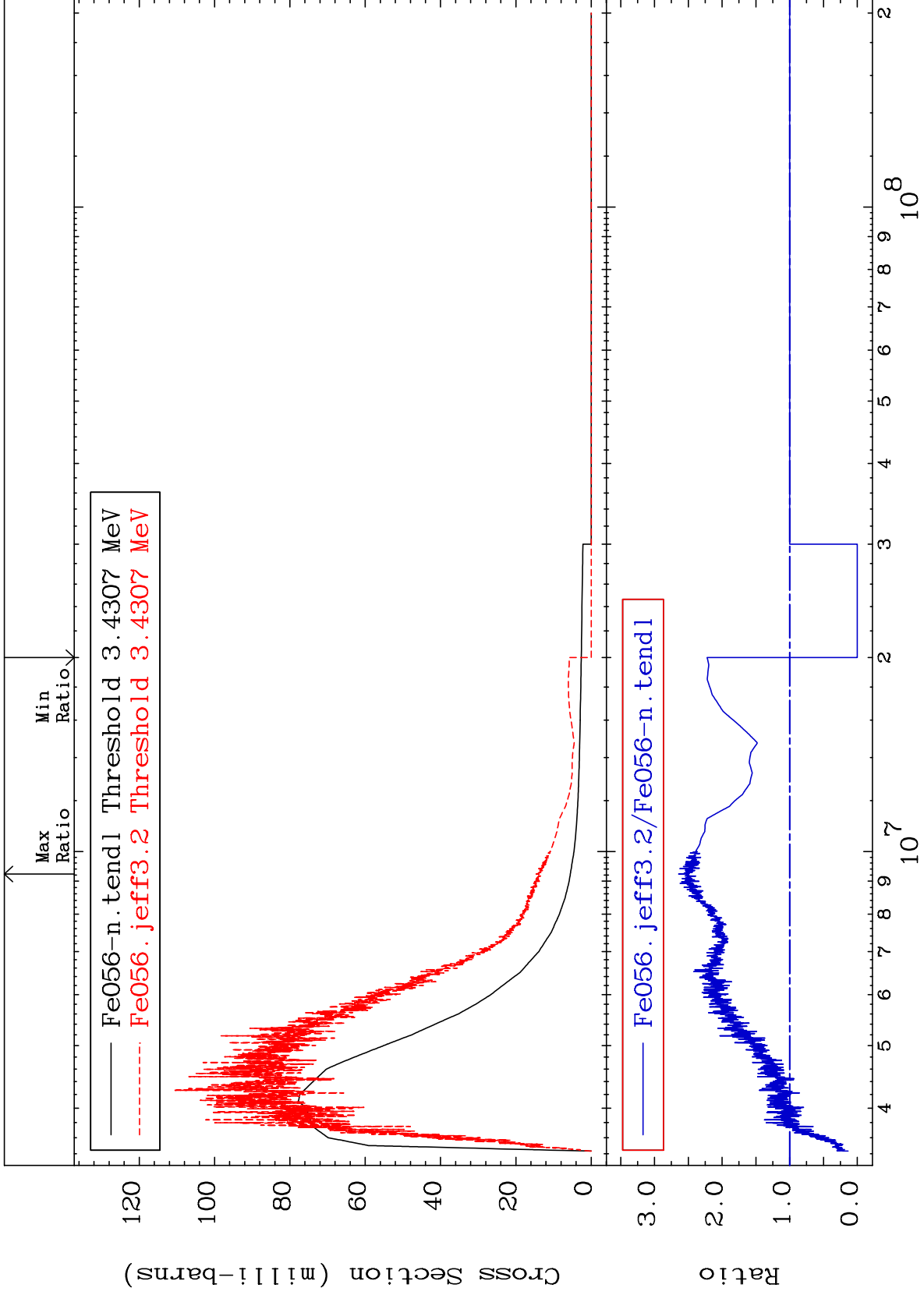
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.370 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 164.3 %



15

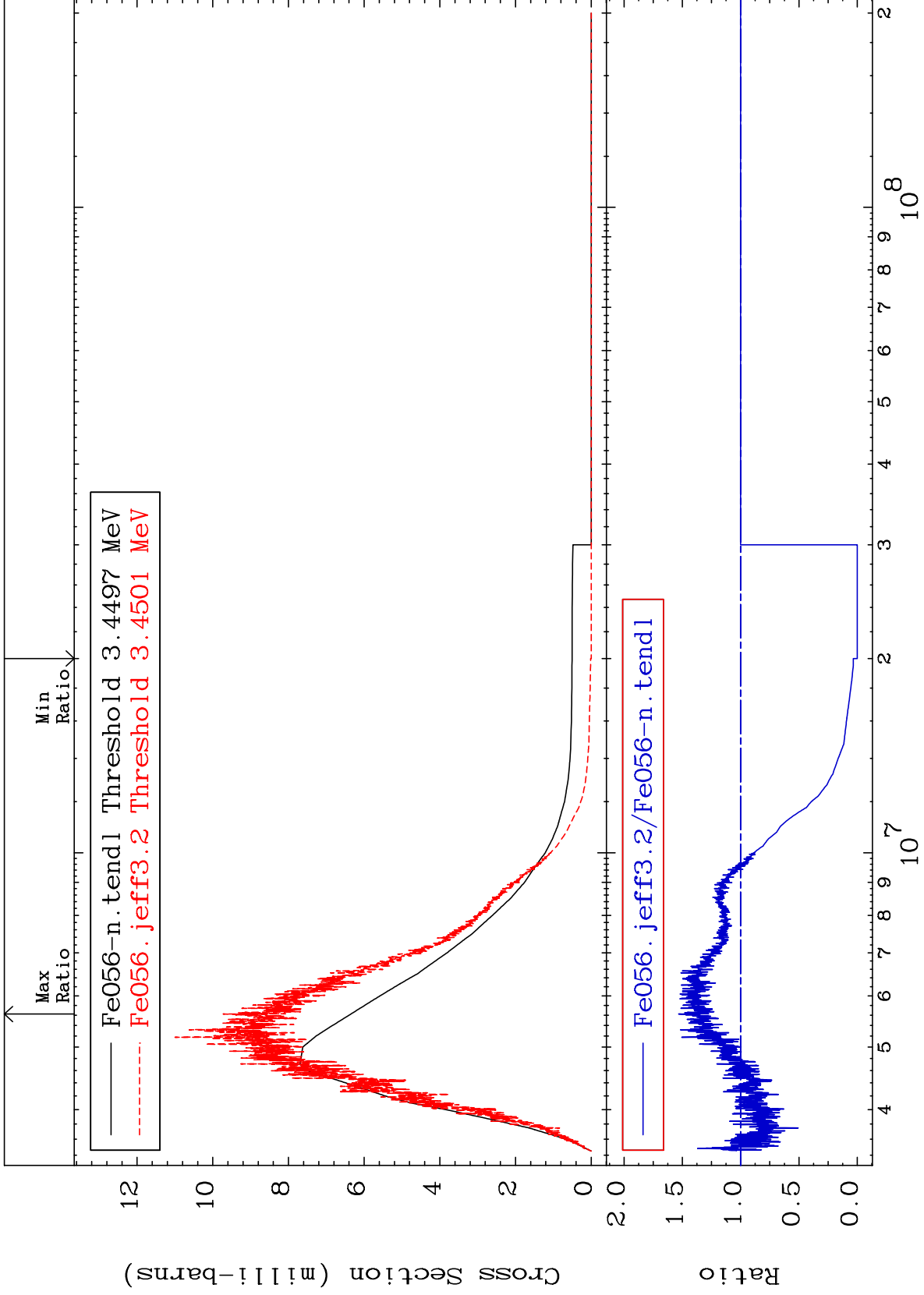
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.389 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 53.16 %



16

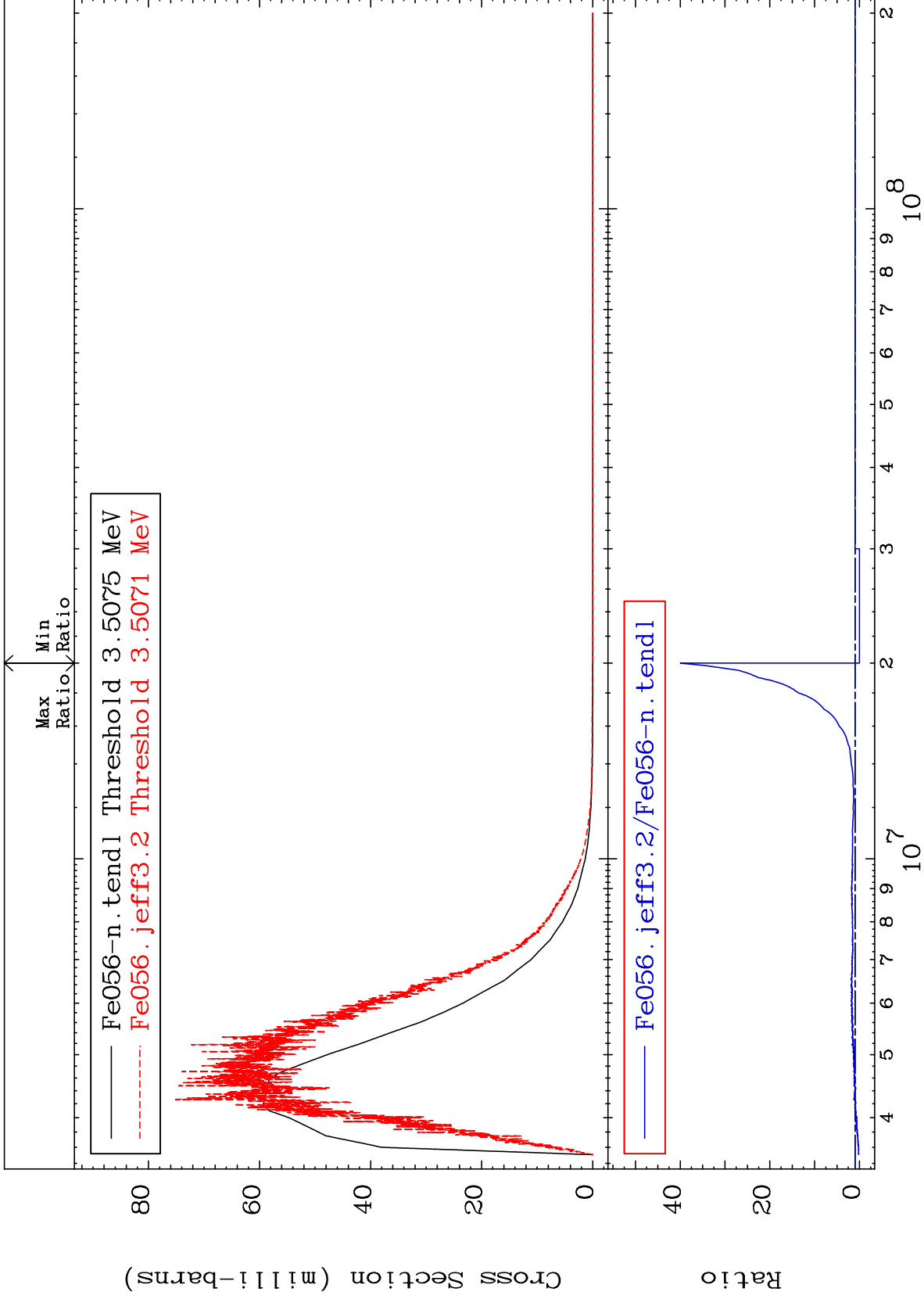
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.445 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 3897. %



17

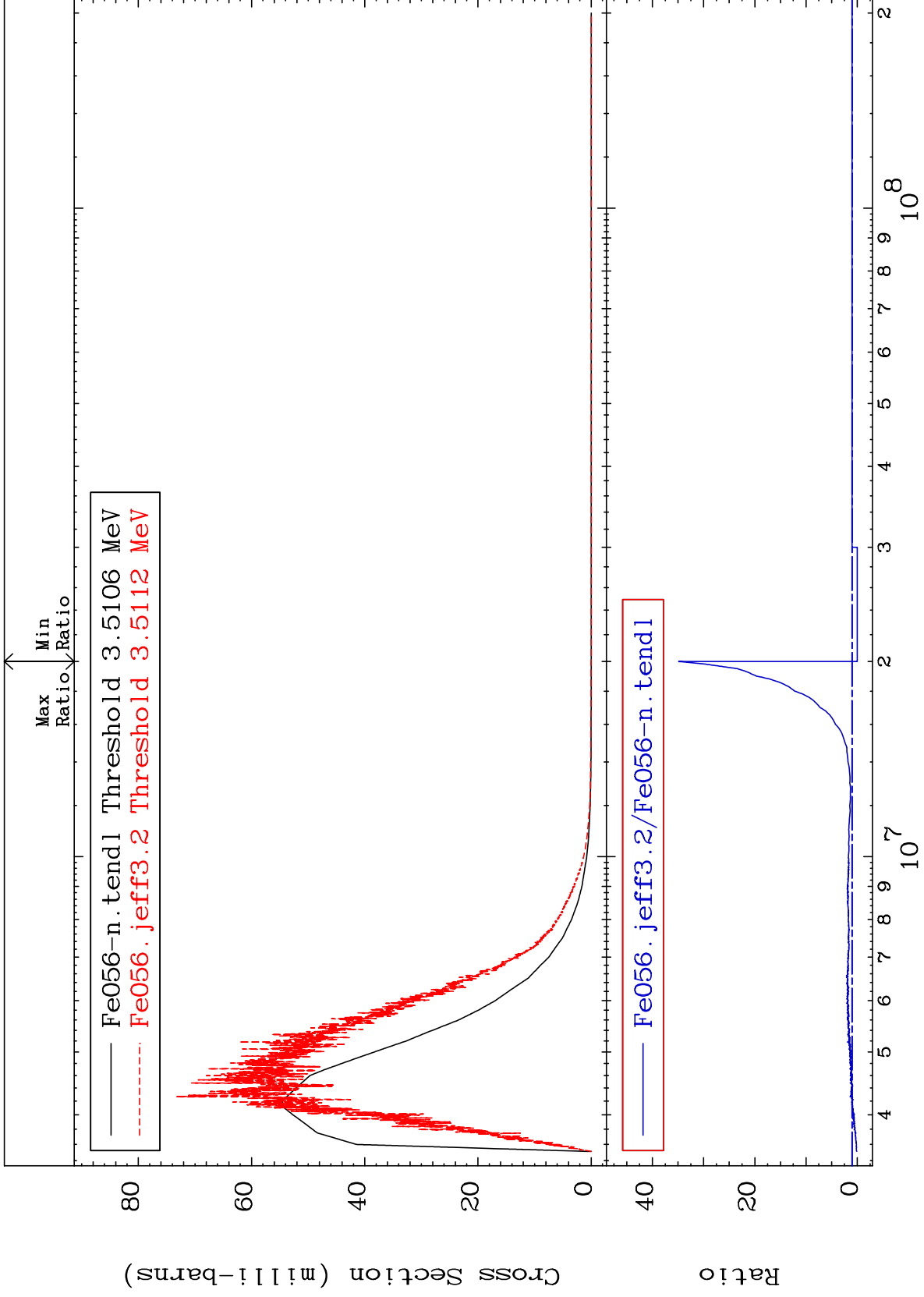
Incident Energy (eV)

26-Fe-56

MAT 2631

3.448 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 3387. %



18

Incident Energy (eV)

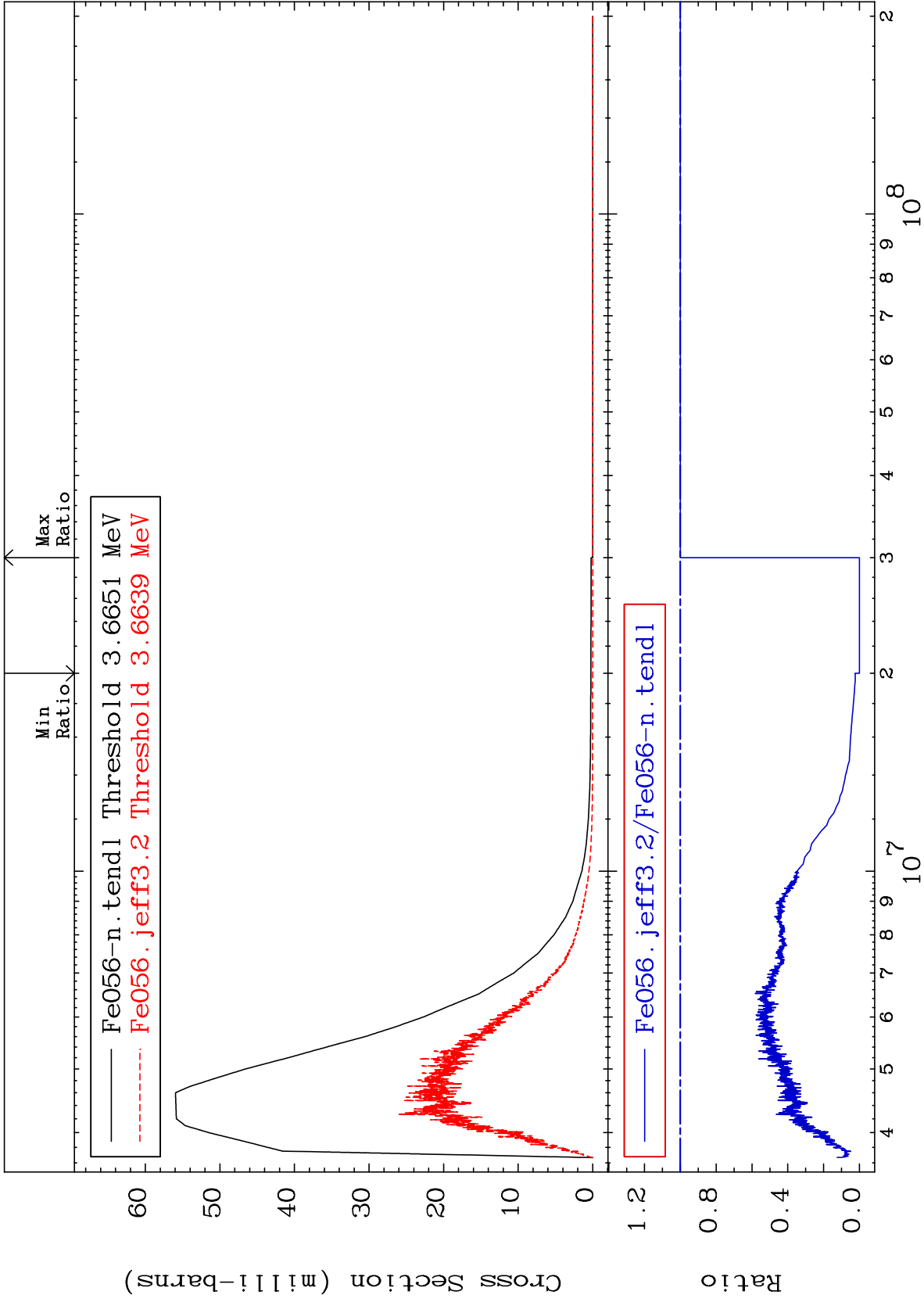
26-Fe-56

MAT 2631

3.600 MeV (n,n') Level

²⁶Fe-56

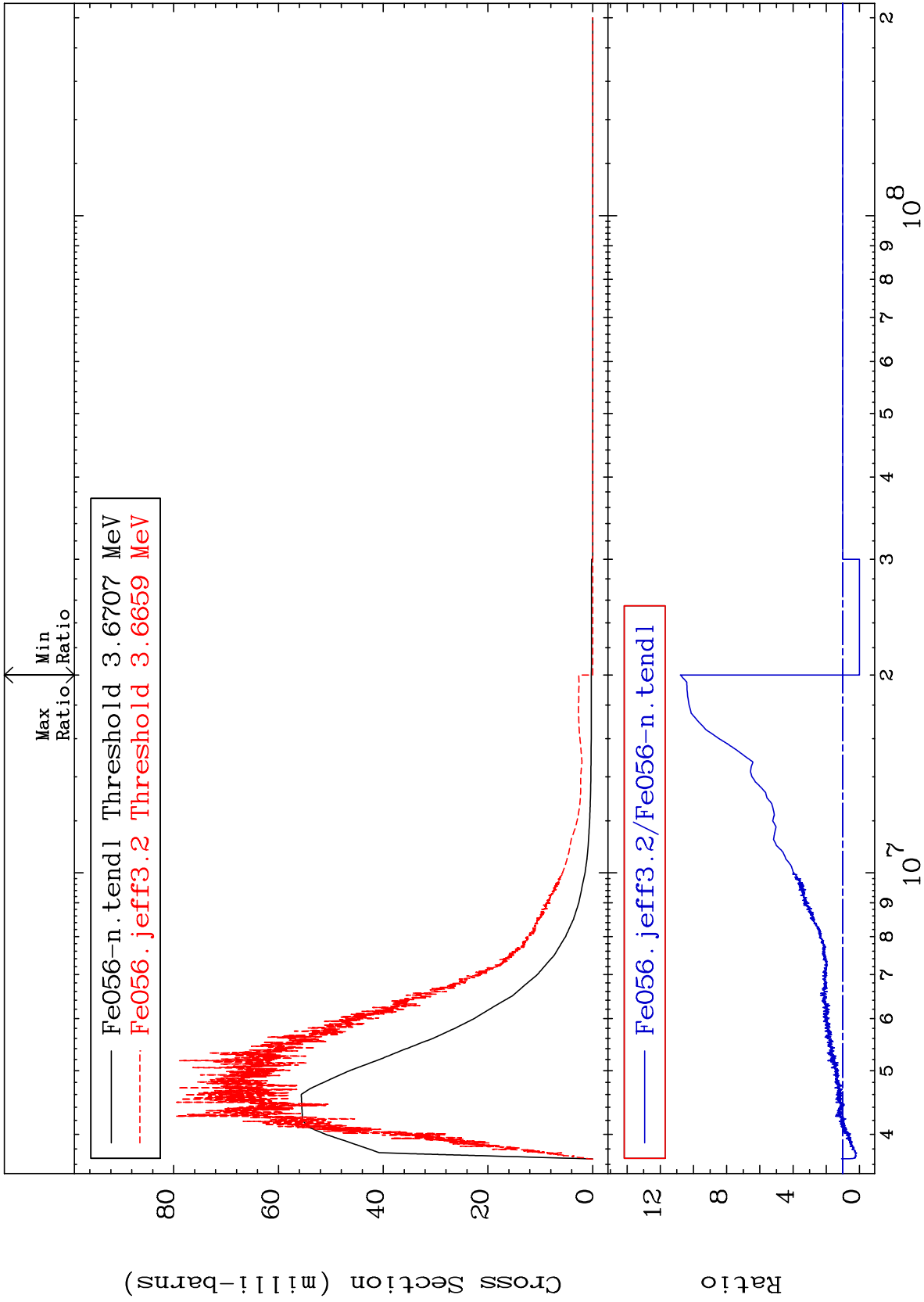
-100.0 To 0.000 %



MAT 2631

3.606 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 978.9 %

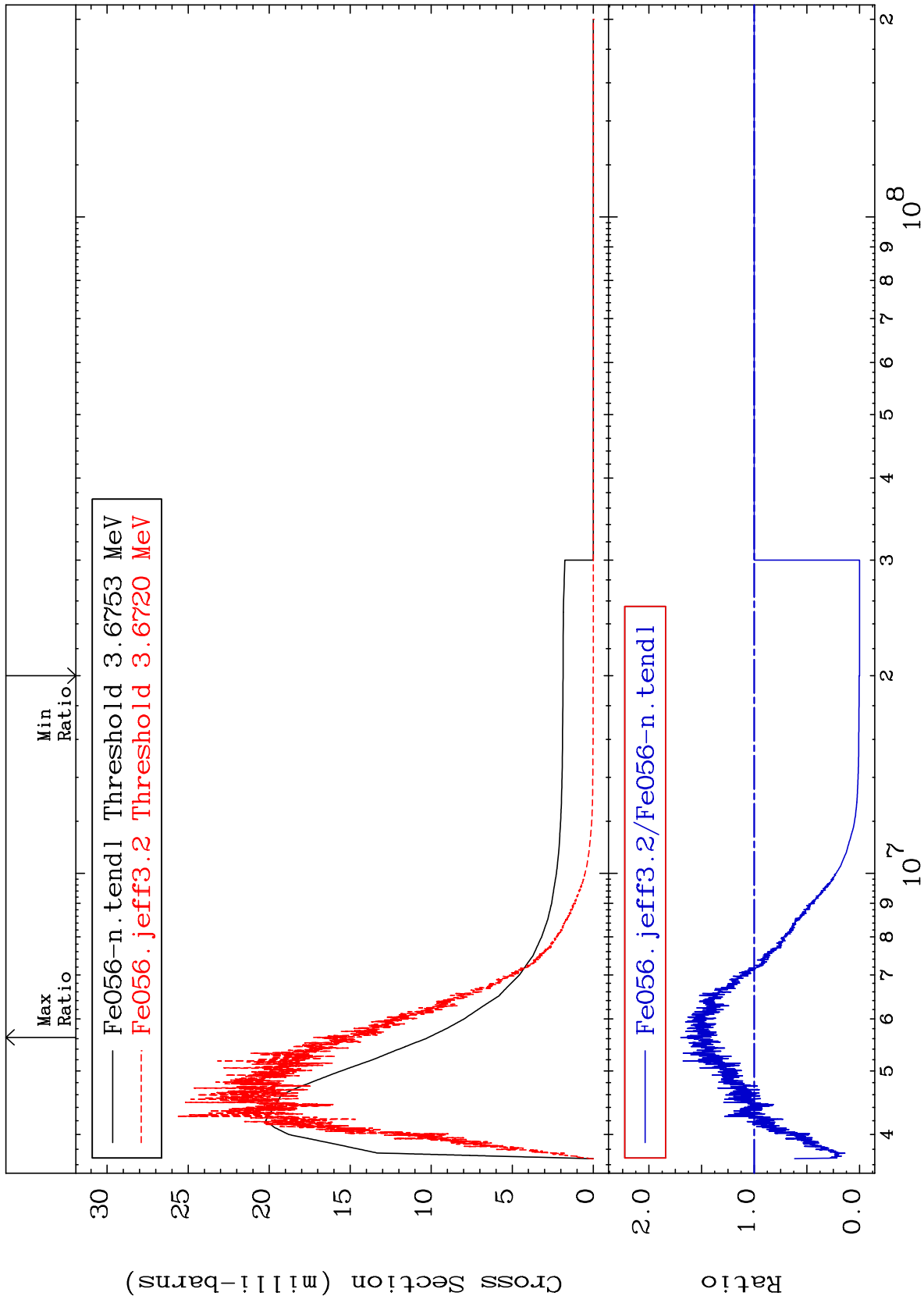


20

Incident Energy (eV)

²⁶Fe-56

MAT 2631 3.610 MeV (n,n') Level ²⁶Fe-56
 Cross Section -100.0 To 69.78 %



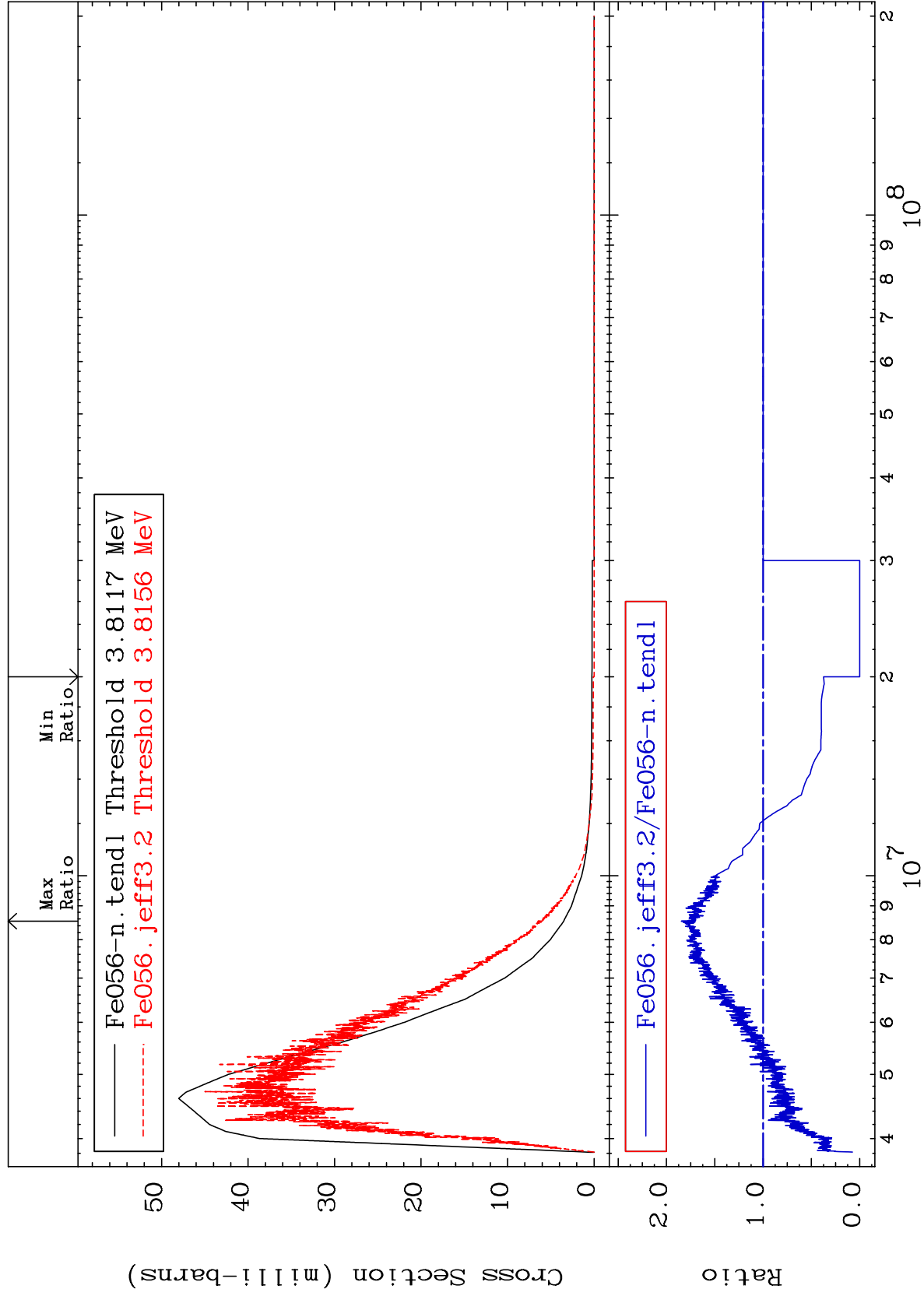
MAT 2631

3.744 MeV (n,n') Level

²⁶Fe-56

-100.0 To 84.58 %

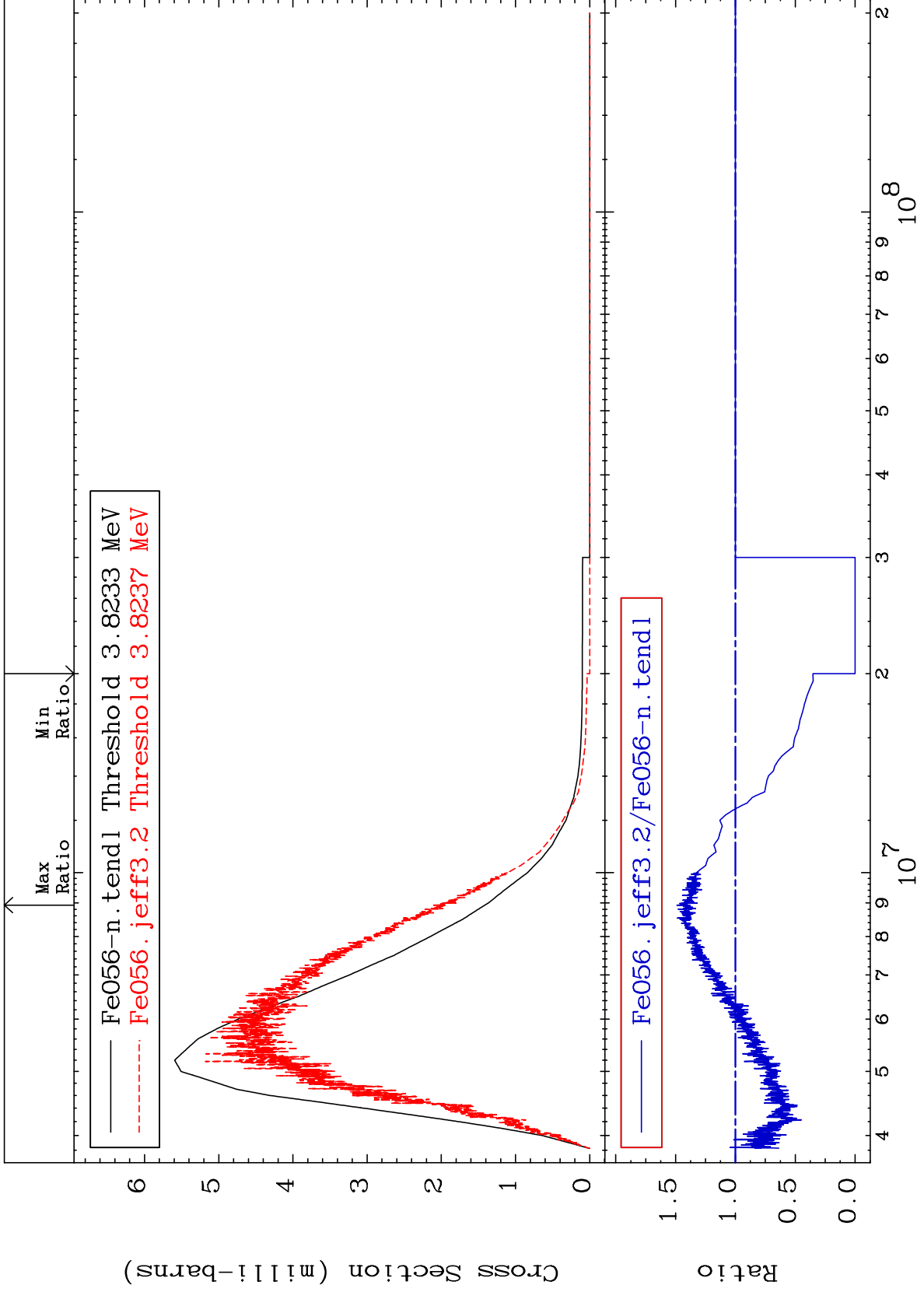
Cross Section



MAT 2631

3.756 MeV (n,n') Level
Cross Section

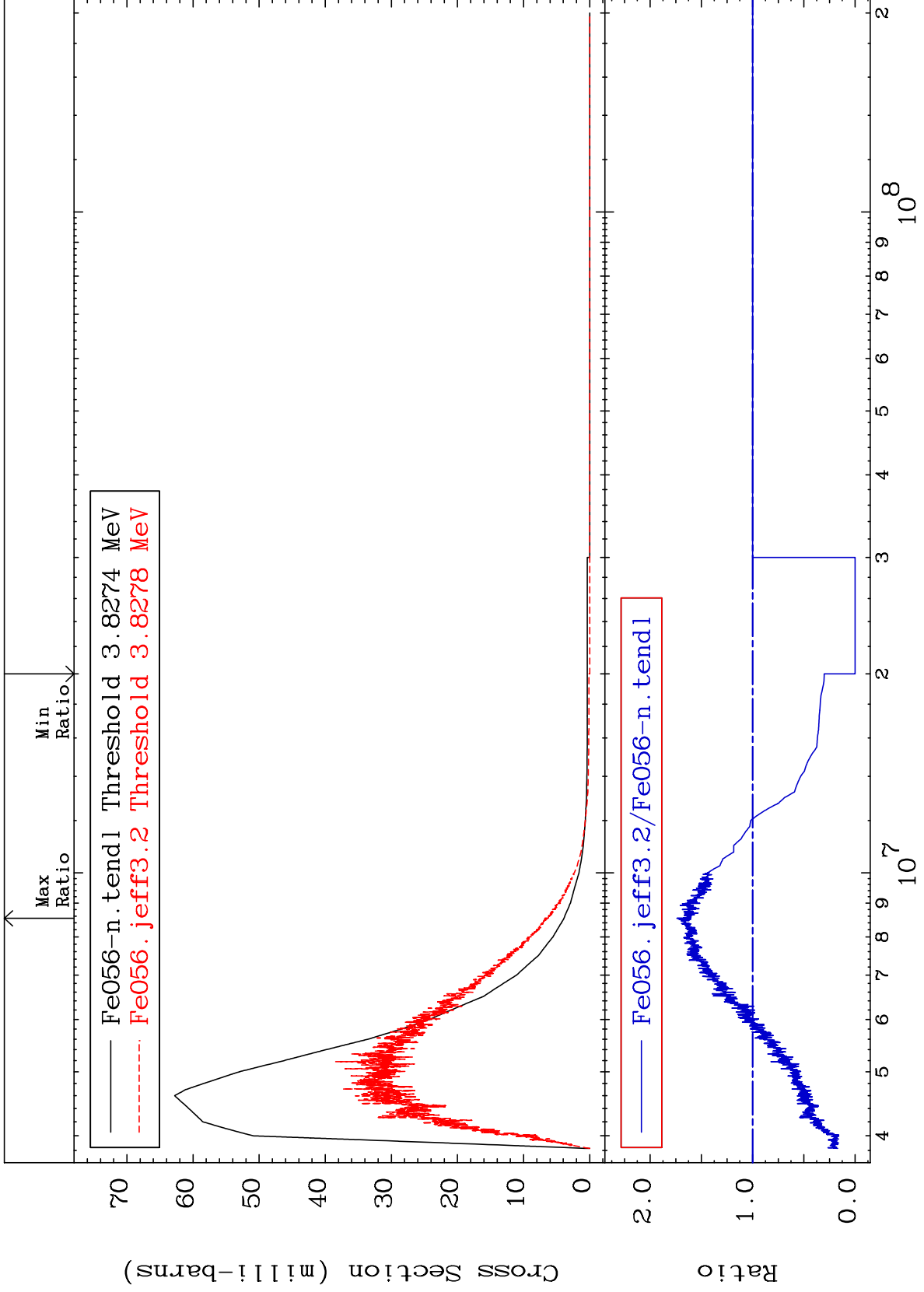
²⁶Fe-56
-100.0 To 48.90 %



MAT 2631

3.760 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 73.85 %



24

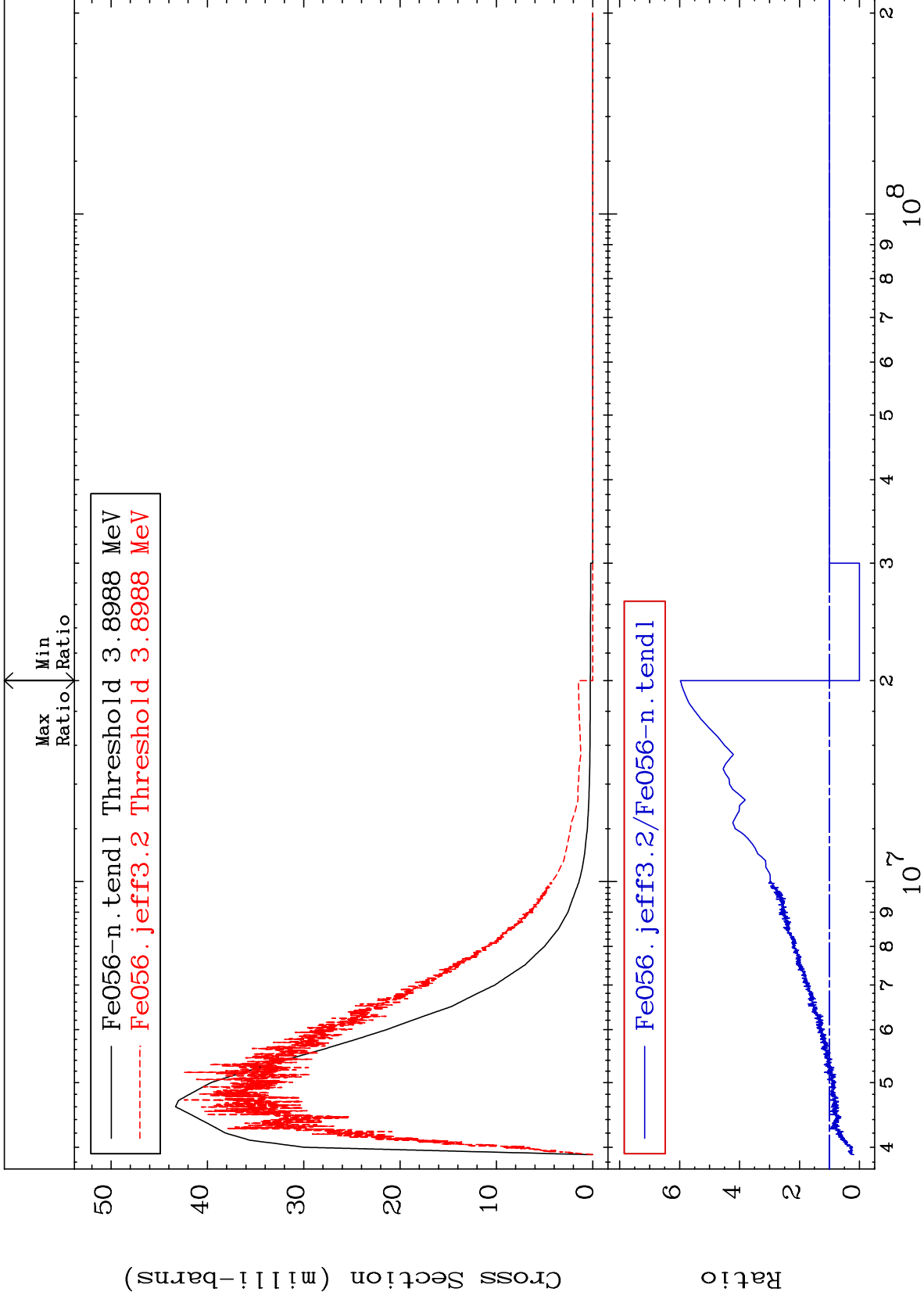
Incident Energy (eV)

²⁶Fe-56

MAT 2631

3.830 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 497.5 %



25

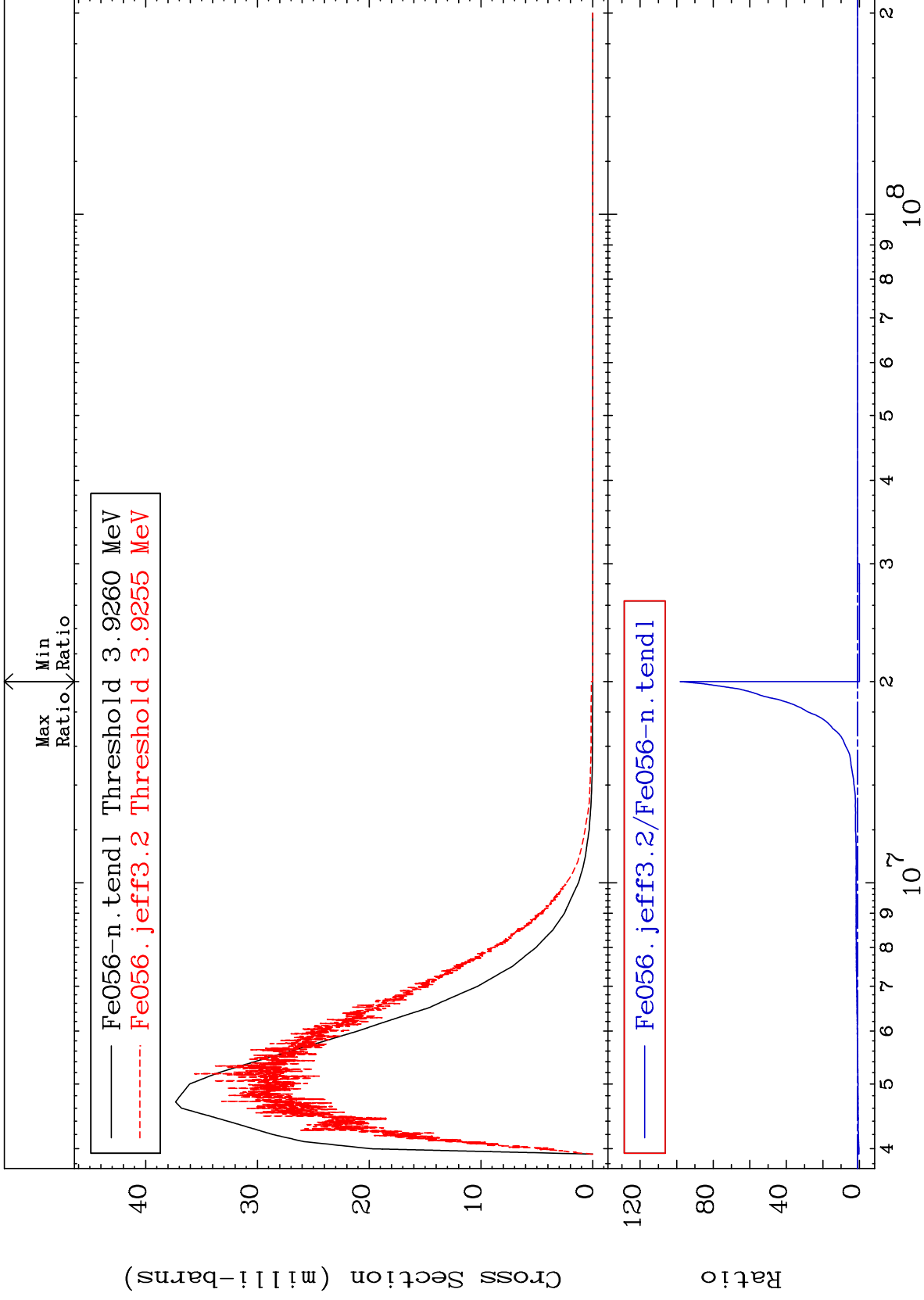
Incident Energy (eV)

26-Fe-56

MAT 2631

3.856 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 9698. %



26

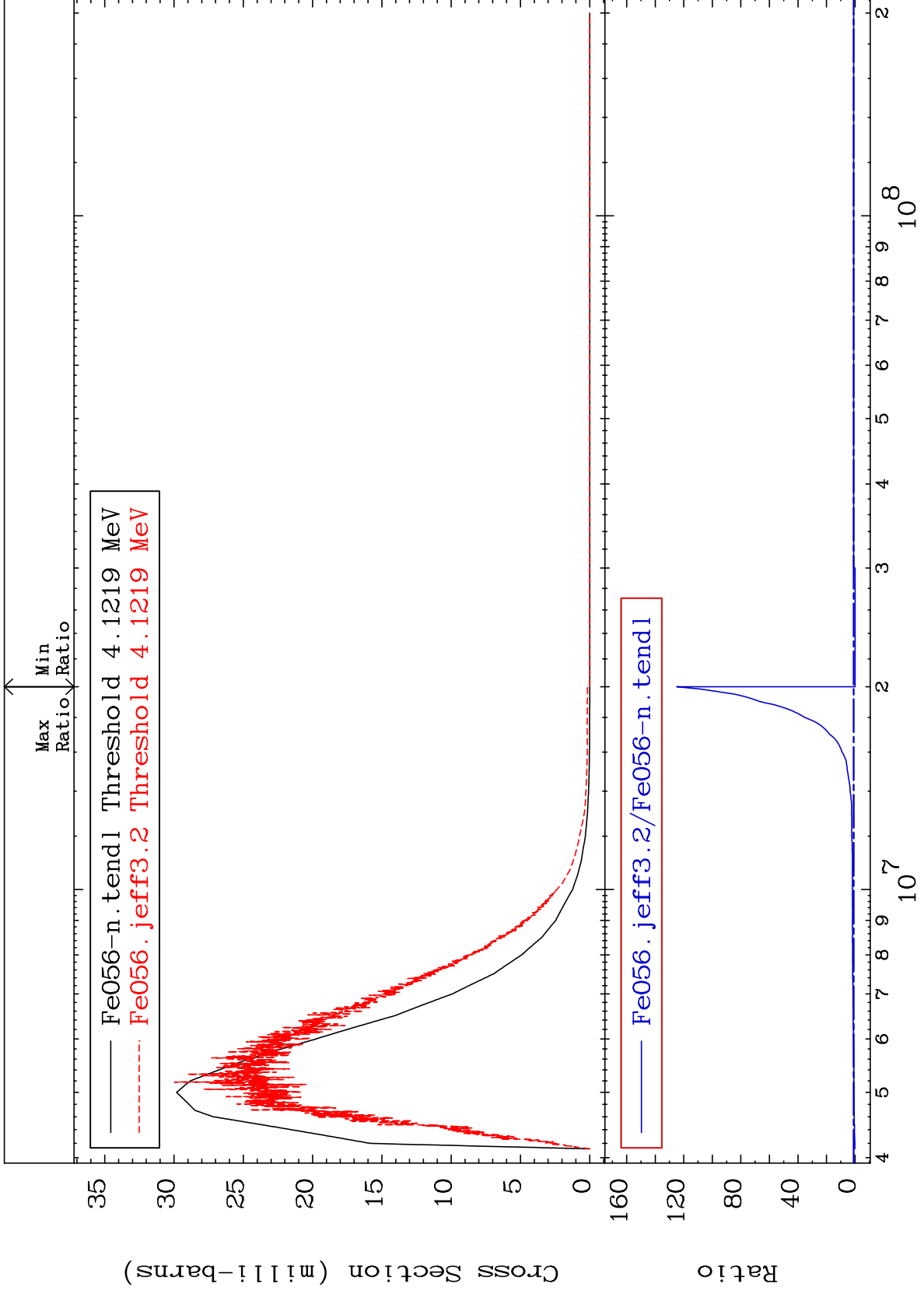
Incident Energy (eV)

²⁶Fe-56

MAT 2631

4.049 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 9999. %



27

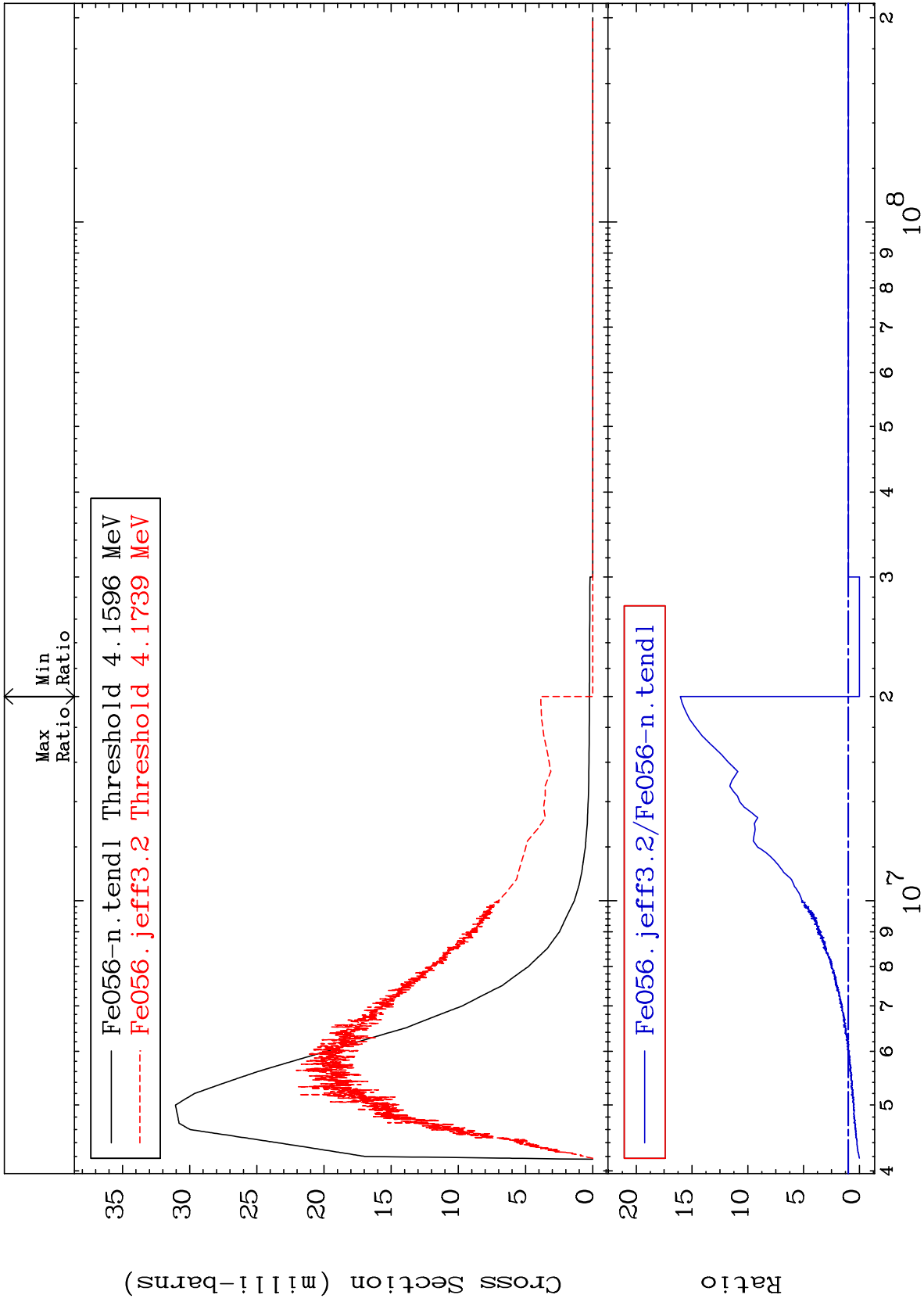
Incident Energy (eV)

26-Fe-56

MAT 2631

4.086 MeV (n,n') Level
Cross Section

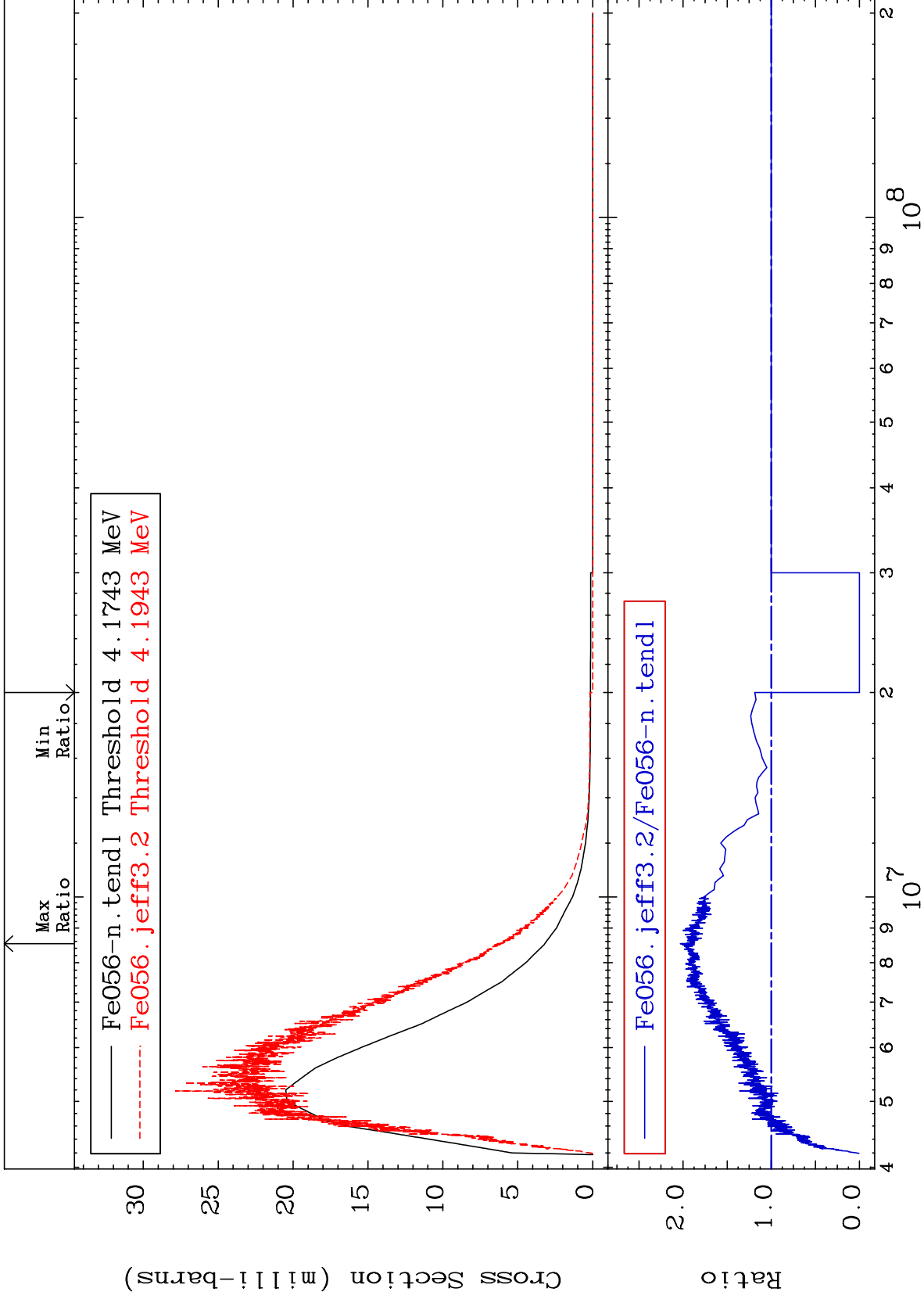
26-Fe-56
-100.0 To 1505. %



MAT 2631

4.100 MeV (n,n') Level
Cross Section

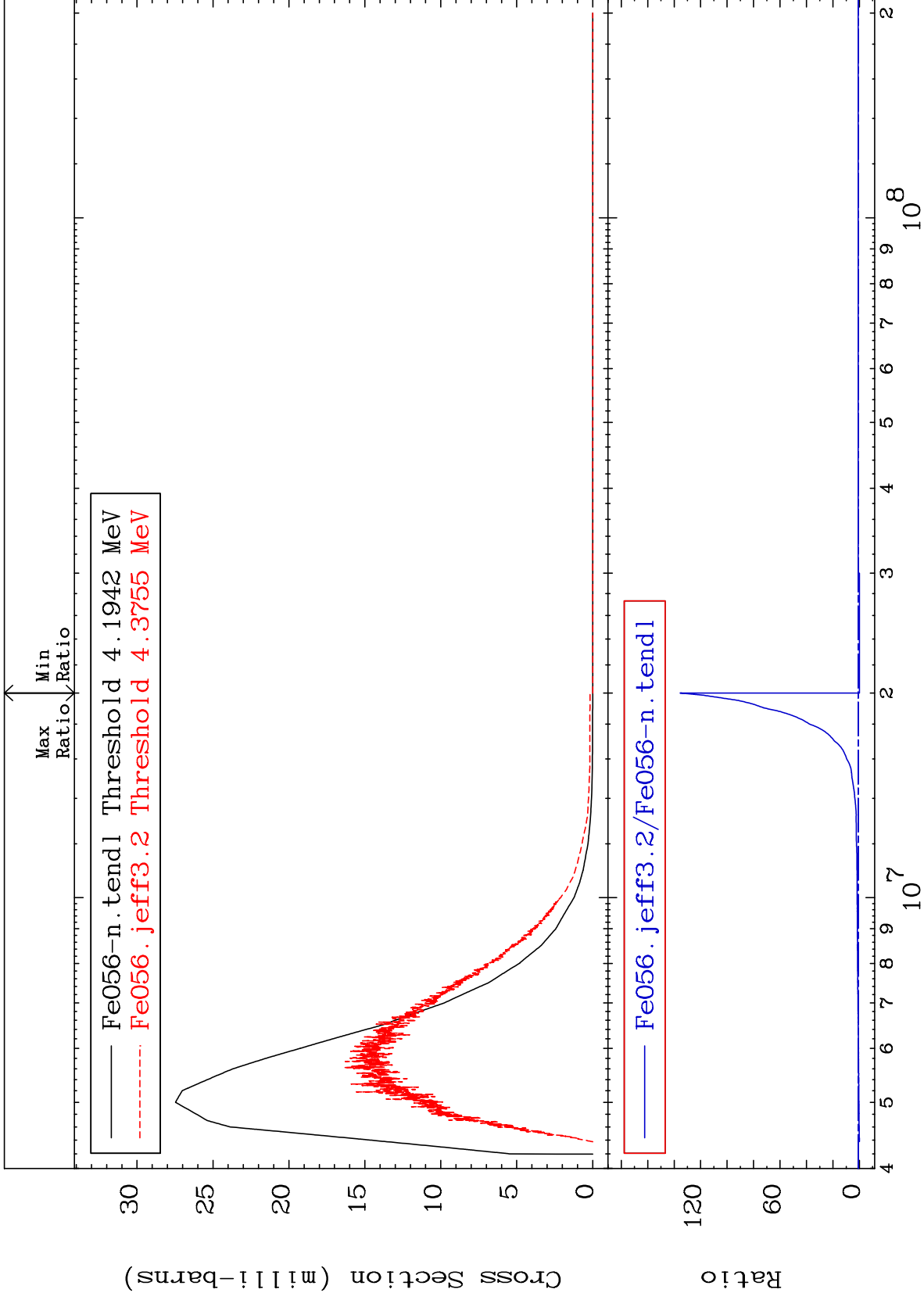
²⁶Fe-56
-100.0 To 103.1 %



MAT 2631

4.120 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 9999. %



30

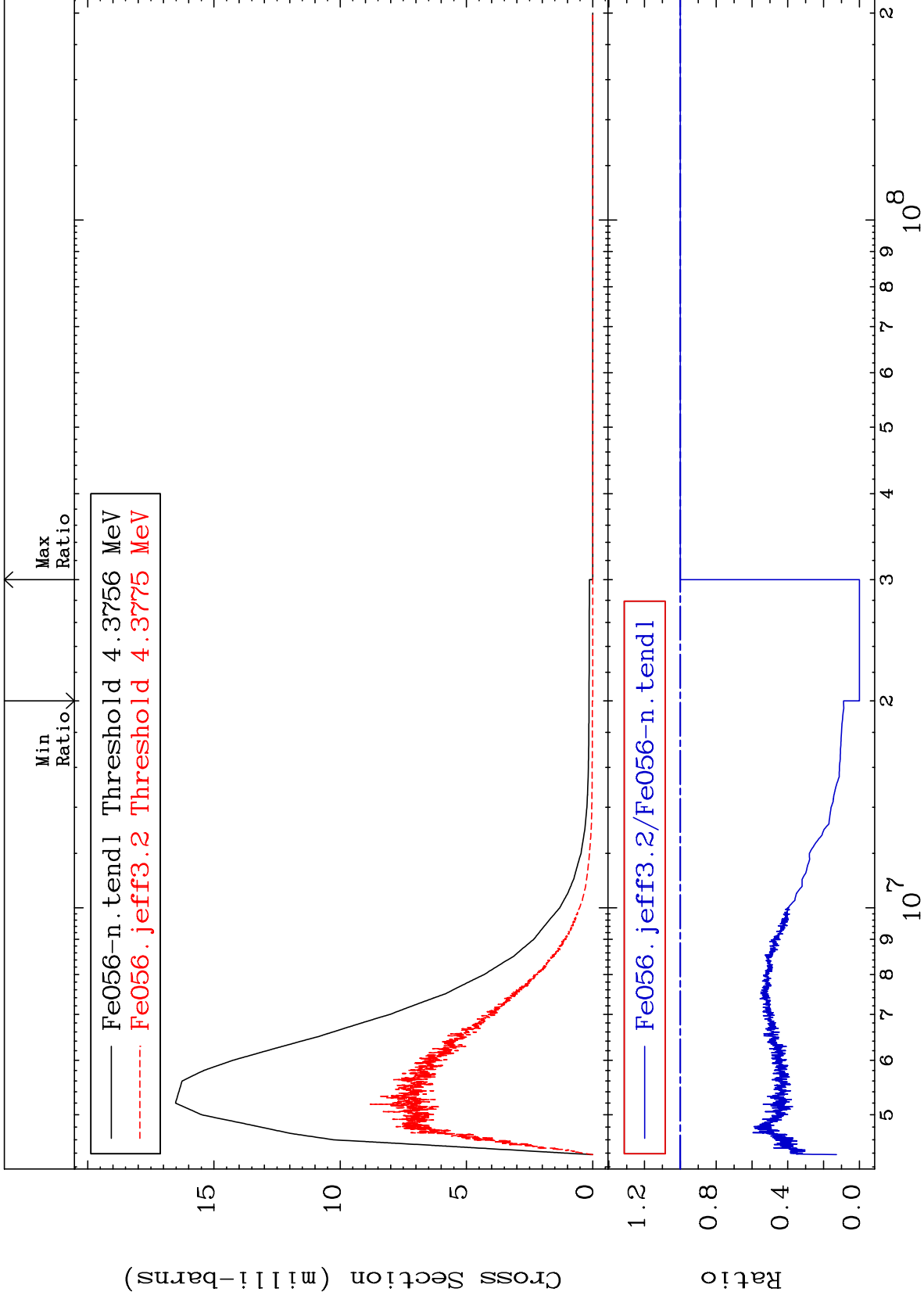
Incident Energy (eV)

26-Fe-56

MAT 2631

4.298 MeV (n,n') Level
Cross Section

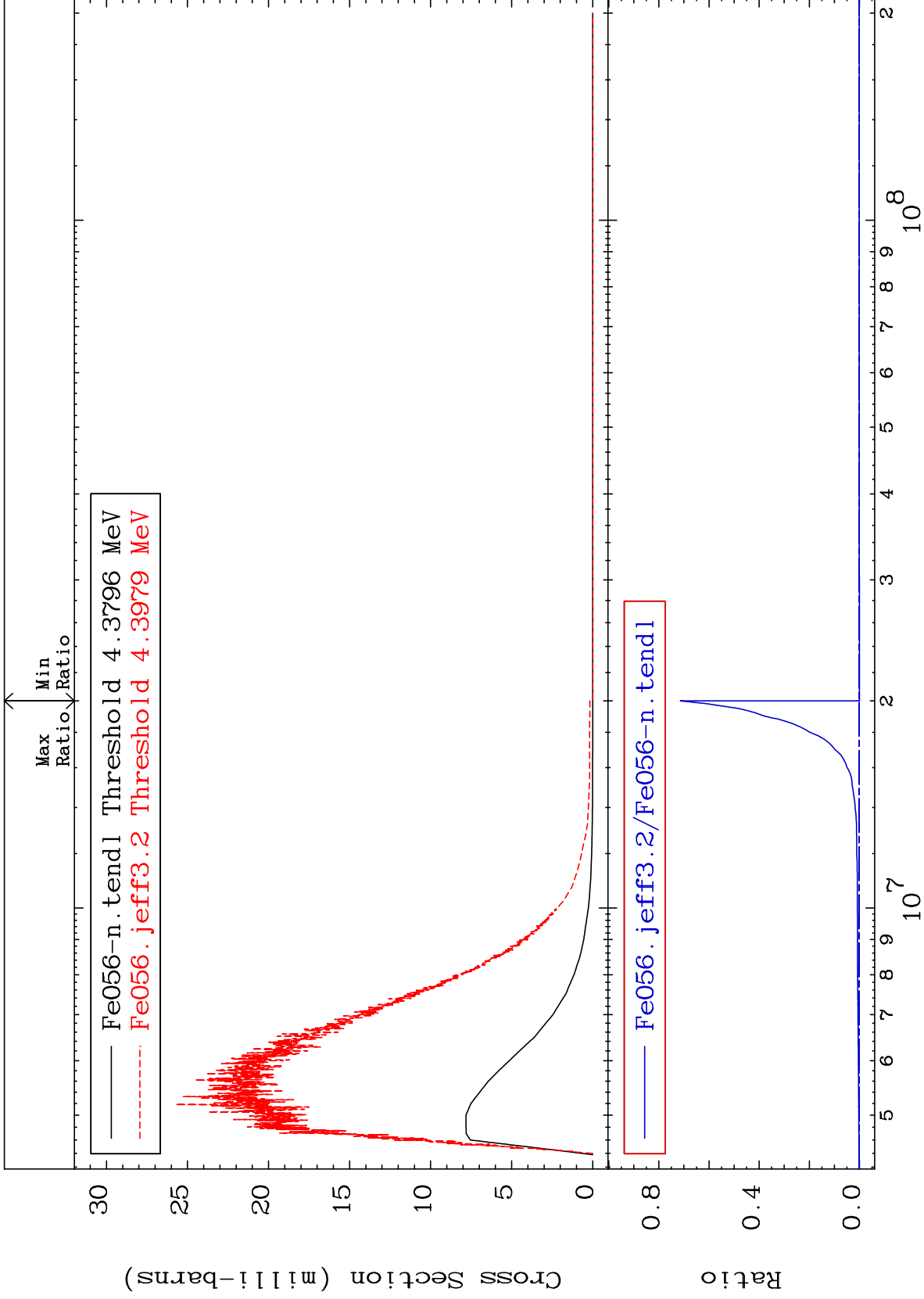
26-Fe-56
-100.0 To 0.000 %



MAT 2631

4.302 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 9999. %



32

26-Fe-56

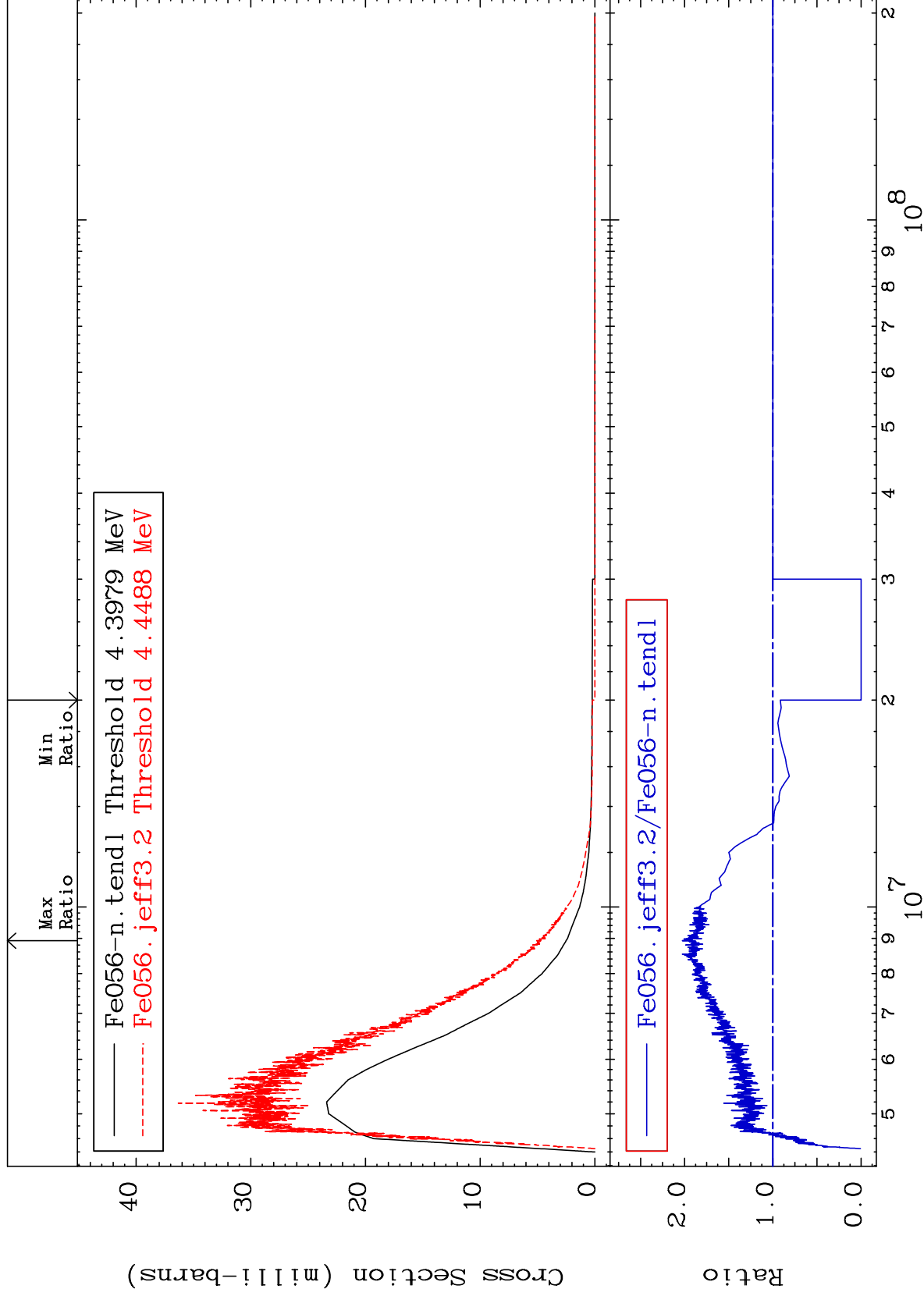
MAT 2631

4.320 MeV (n,n') Level

²⁶Fe-56

-100.0 To 102.6 %

Cross Section



33

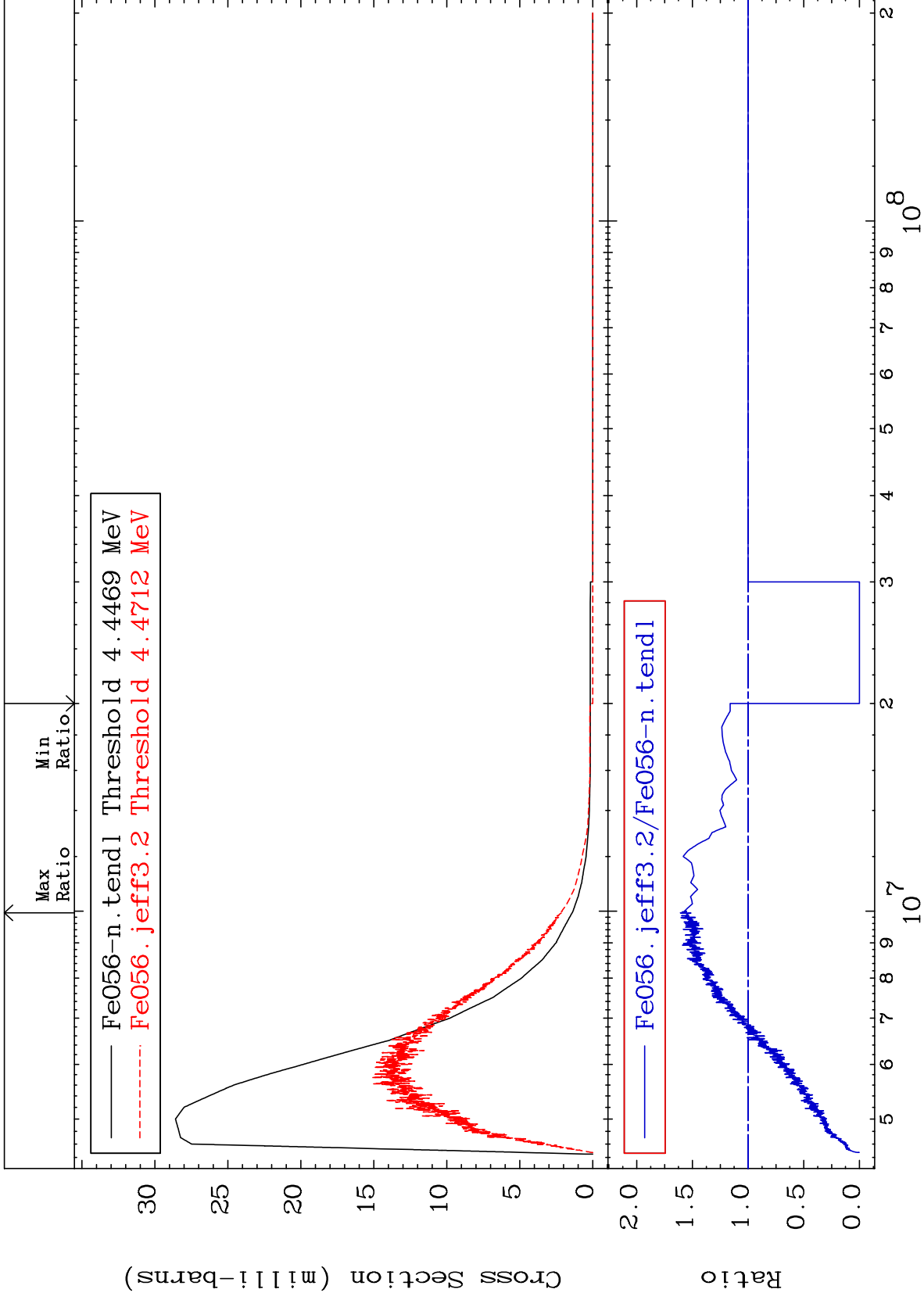
Incident Energy (eV)

²⁶Fe-56

MAT 2631

4.368 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 60.82 %



34

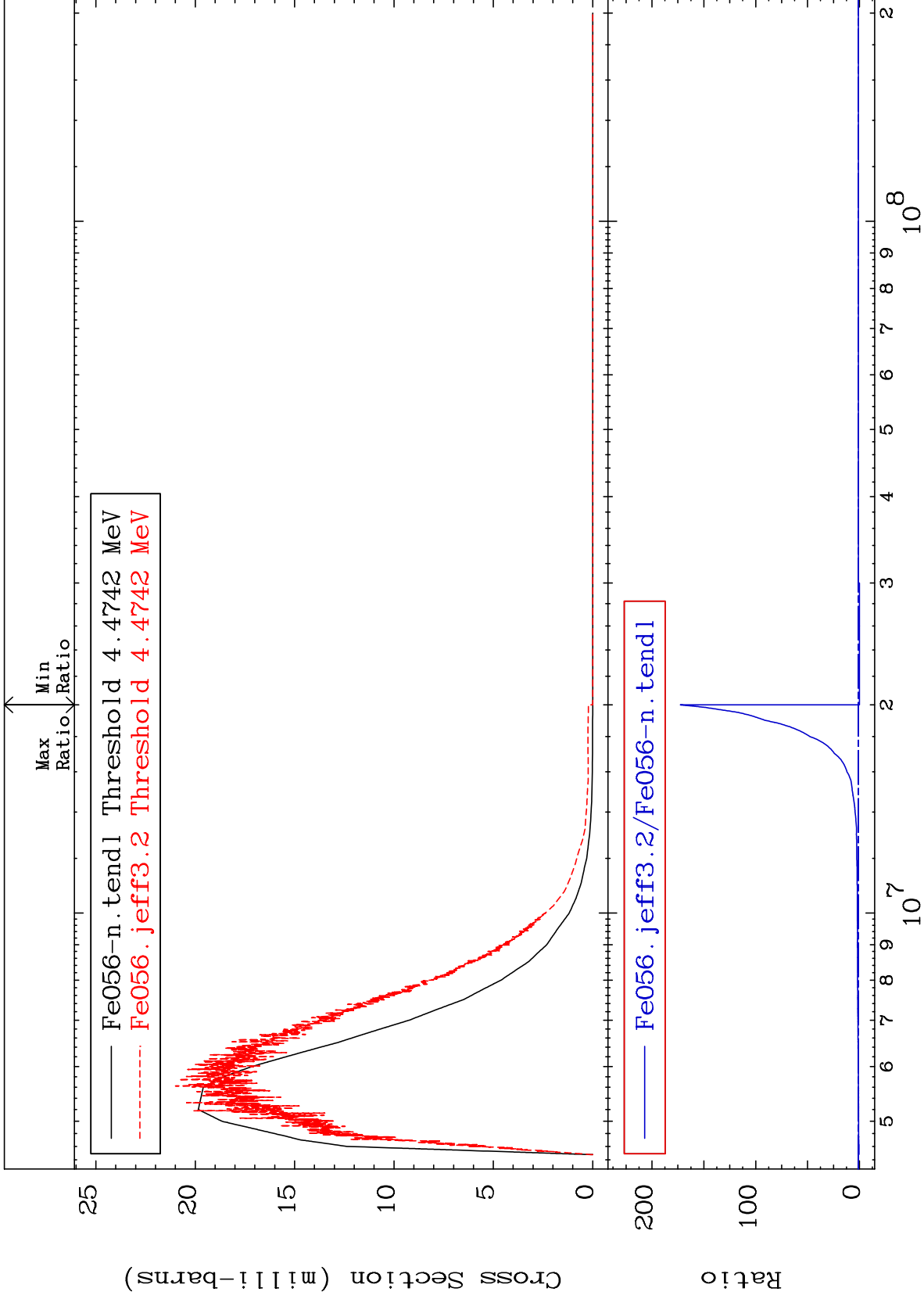
Incident Energy (eV)

²⁶Fe-56

MAT 2631

4.395 MeV (n,n') Level
Cross Section

26-Fe-56
-100.0 To 9999. %



35

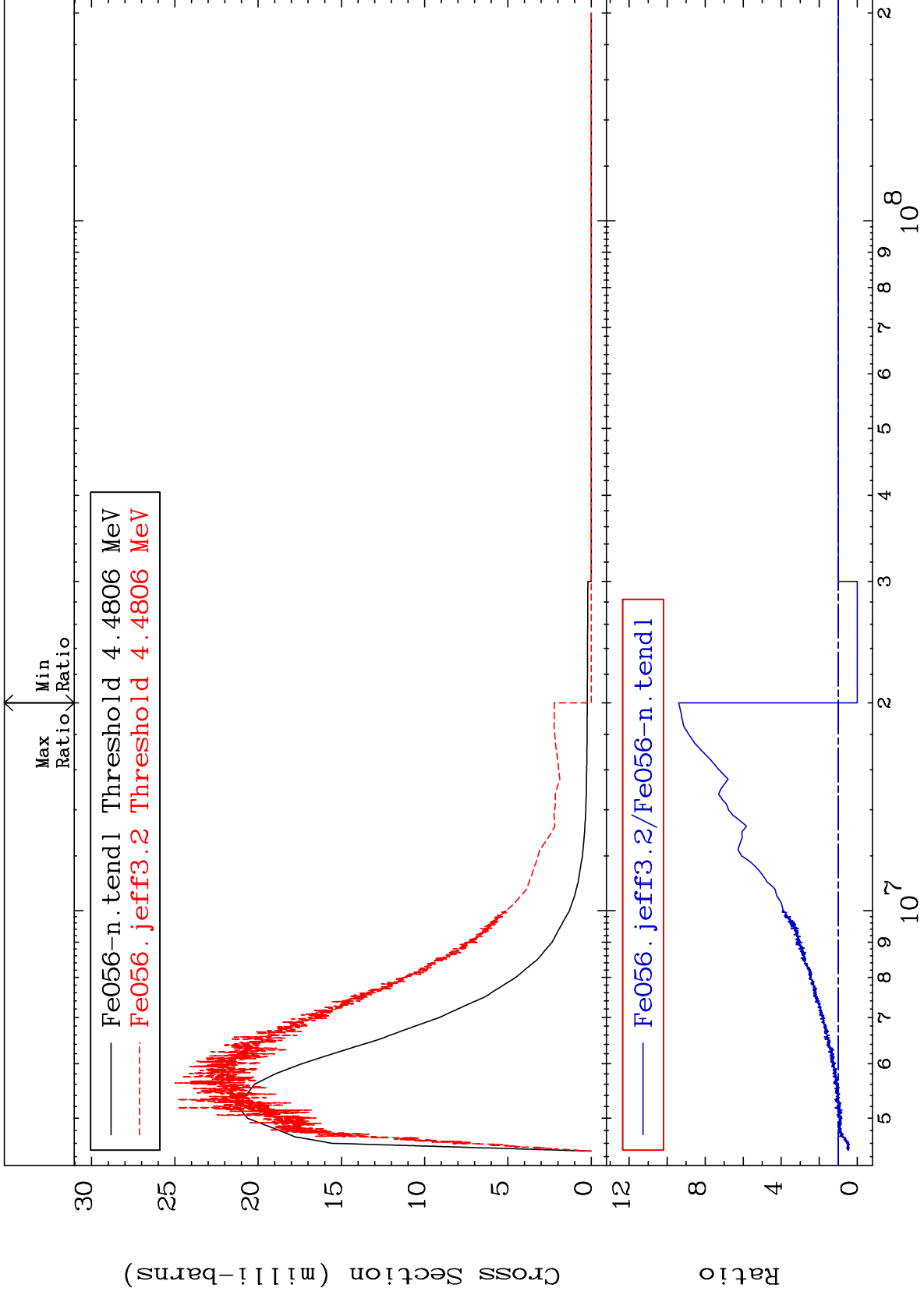
Incident Energy (eV)

26-Fe-56

MAT 2631

4.401 MeV (n,n') Level
Cross Section

²⁶Fe-56
-100.0 To 839.7 %



36

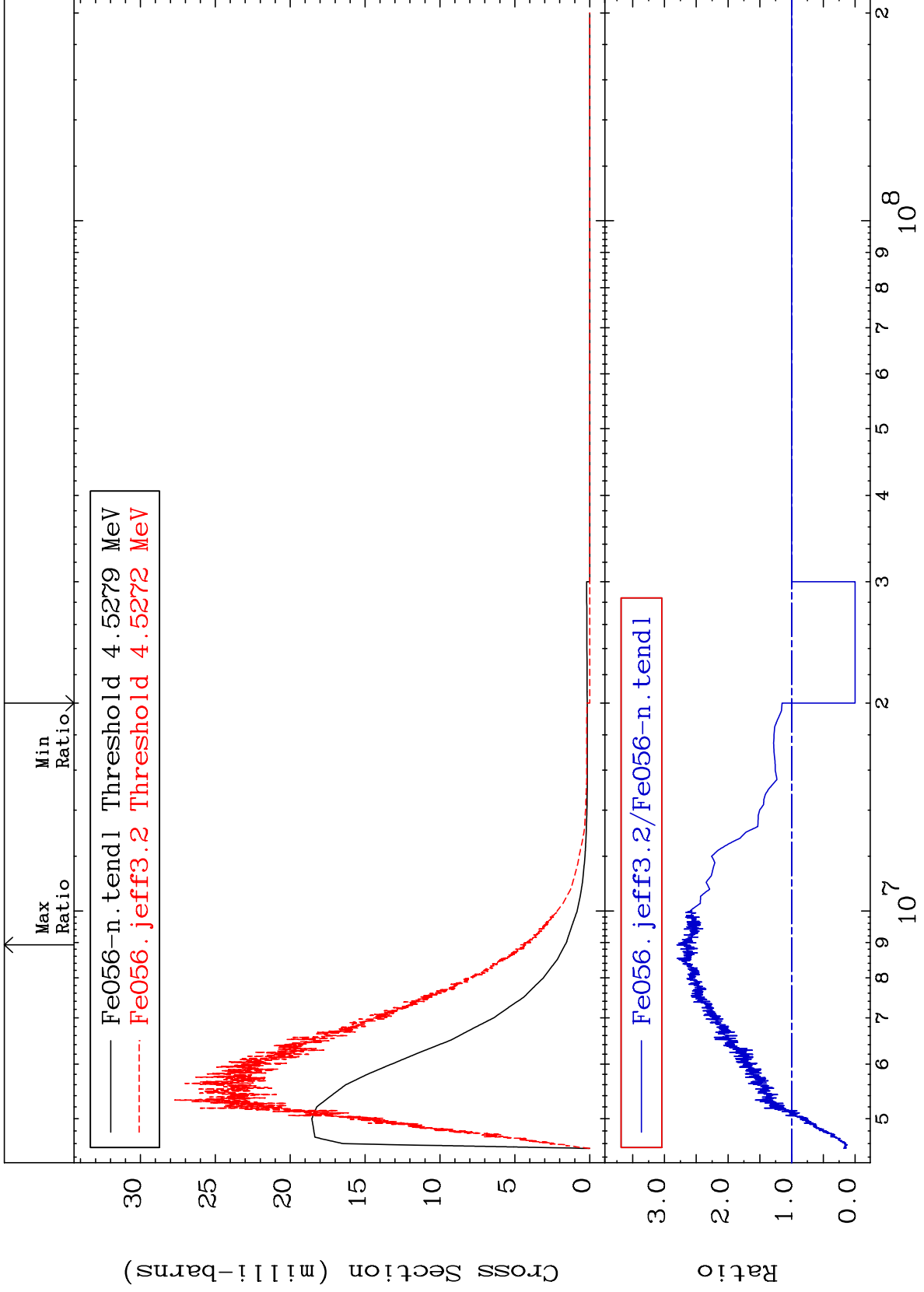
Incident Energy (eV)

²⁶Fe-56

MAT 2631

4.448 MeV (n,n') Level
Cross Section

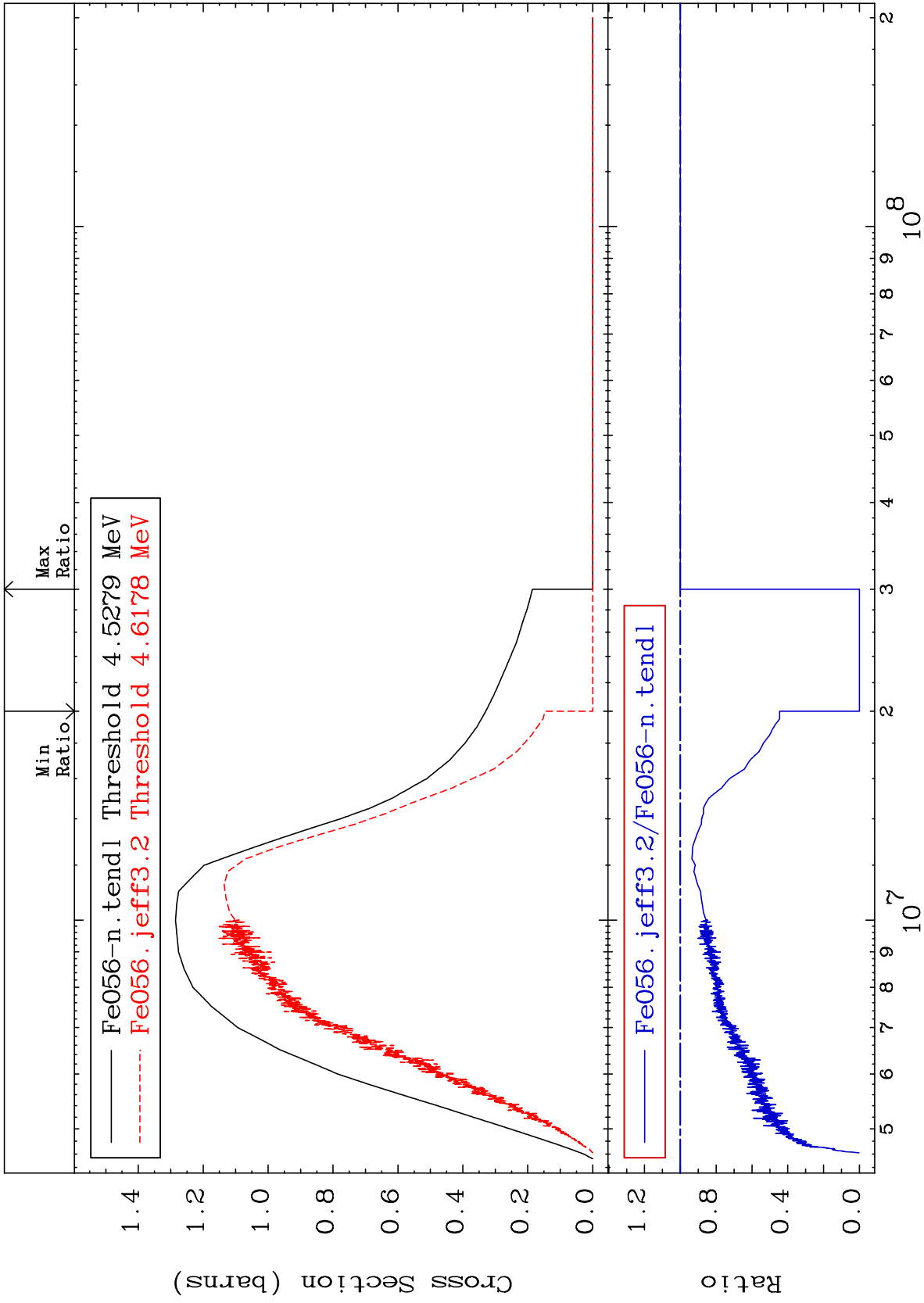
26-Fe-56
-100.0 To 180.5 %



37

26-Fe-56

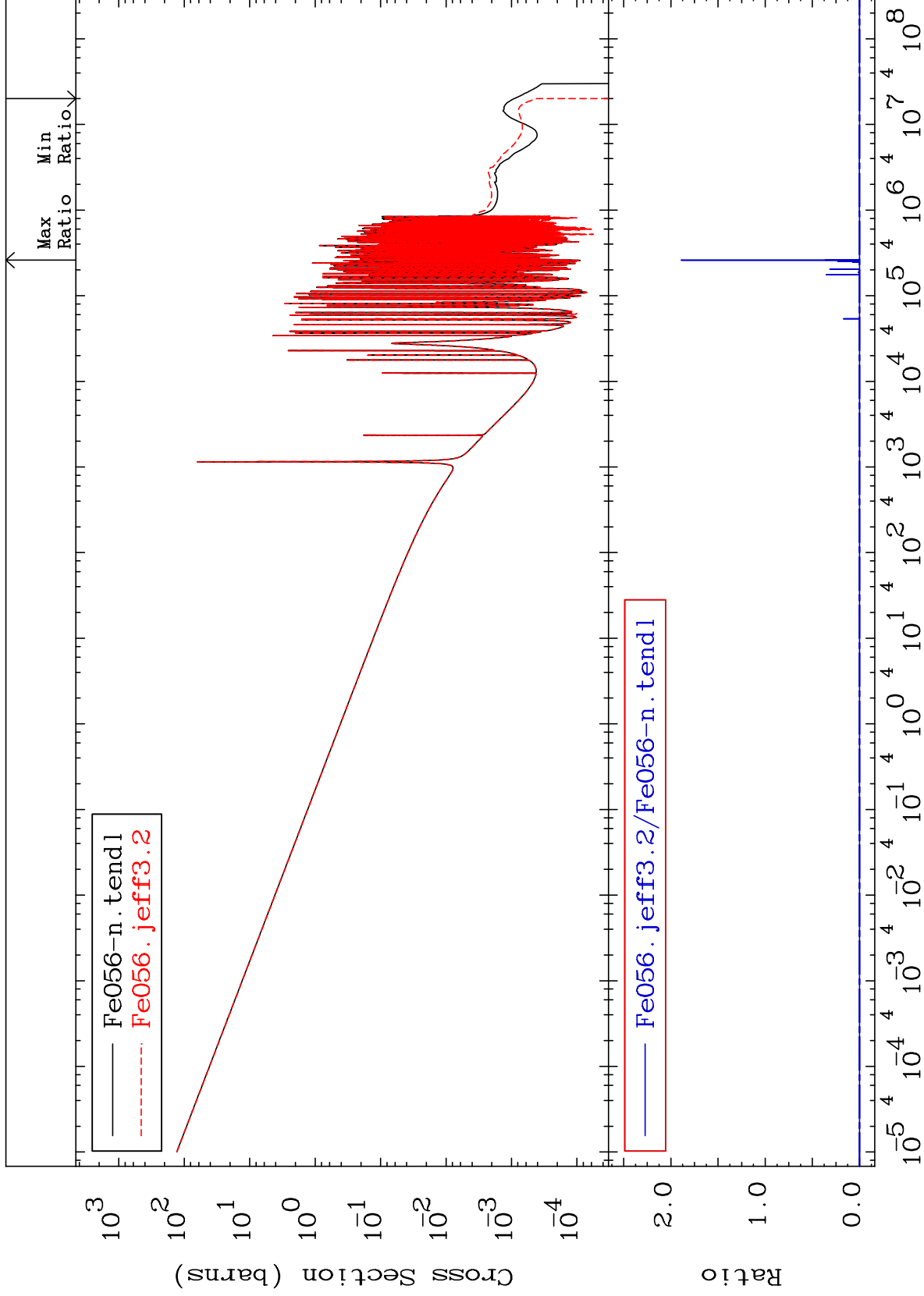
26-Fe-56



MAT 2631

(n, γ)
Cross Section

26-Fe-56
-100.0 To 9999. %

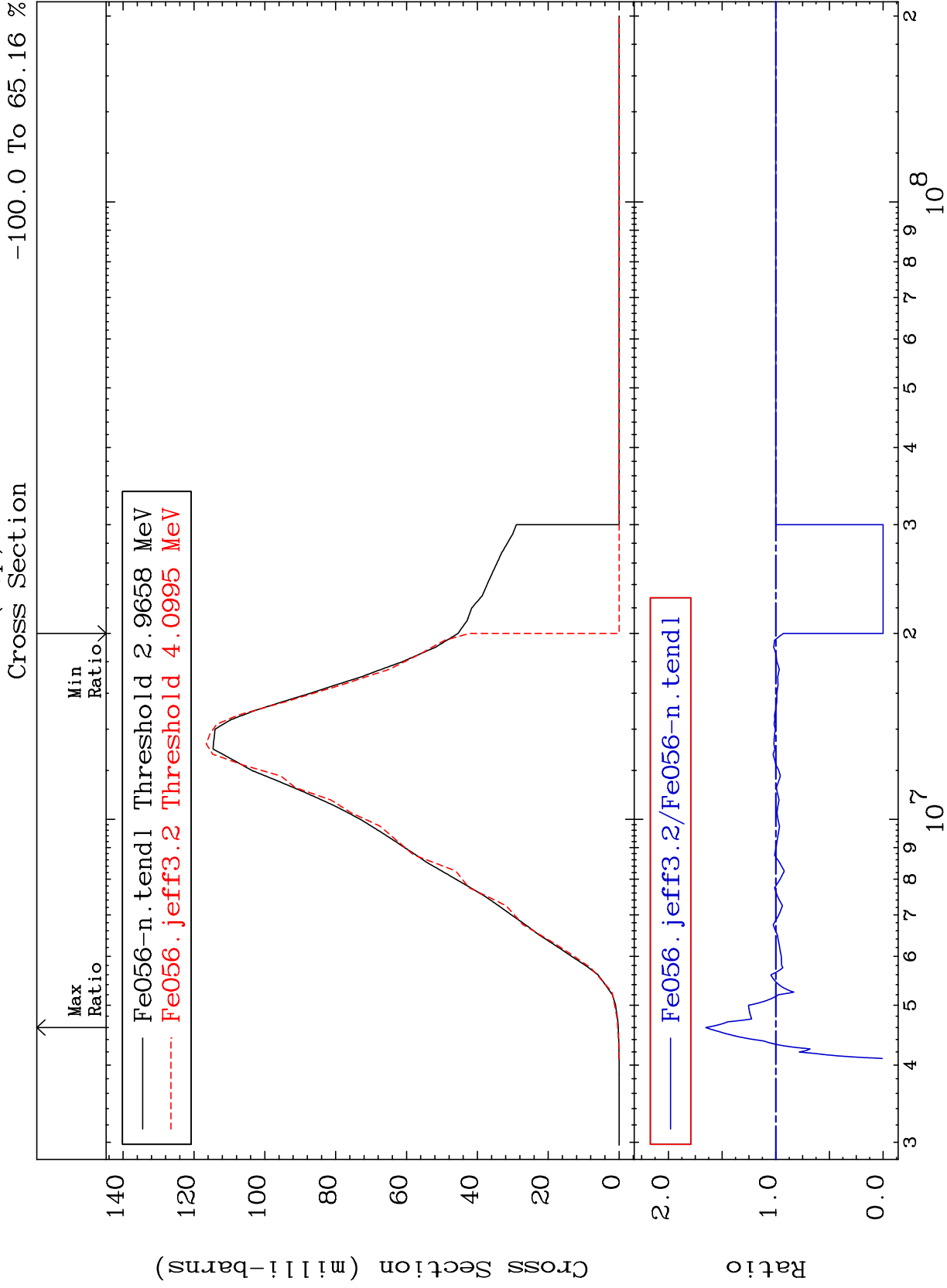


39

Incident Energy (eV)

26-Fe-56

MAT 2631 (n,p) ²⁶Fe-56 -100.0 To 65.16 %

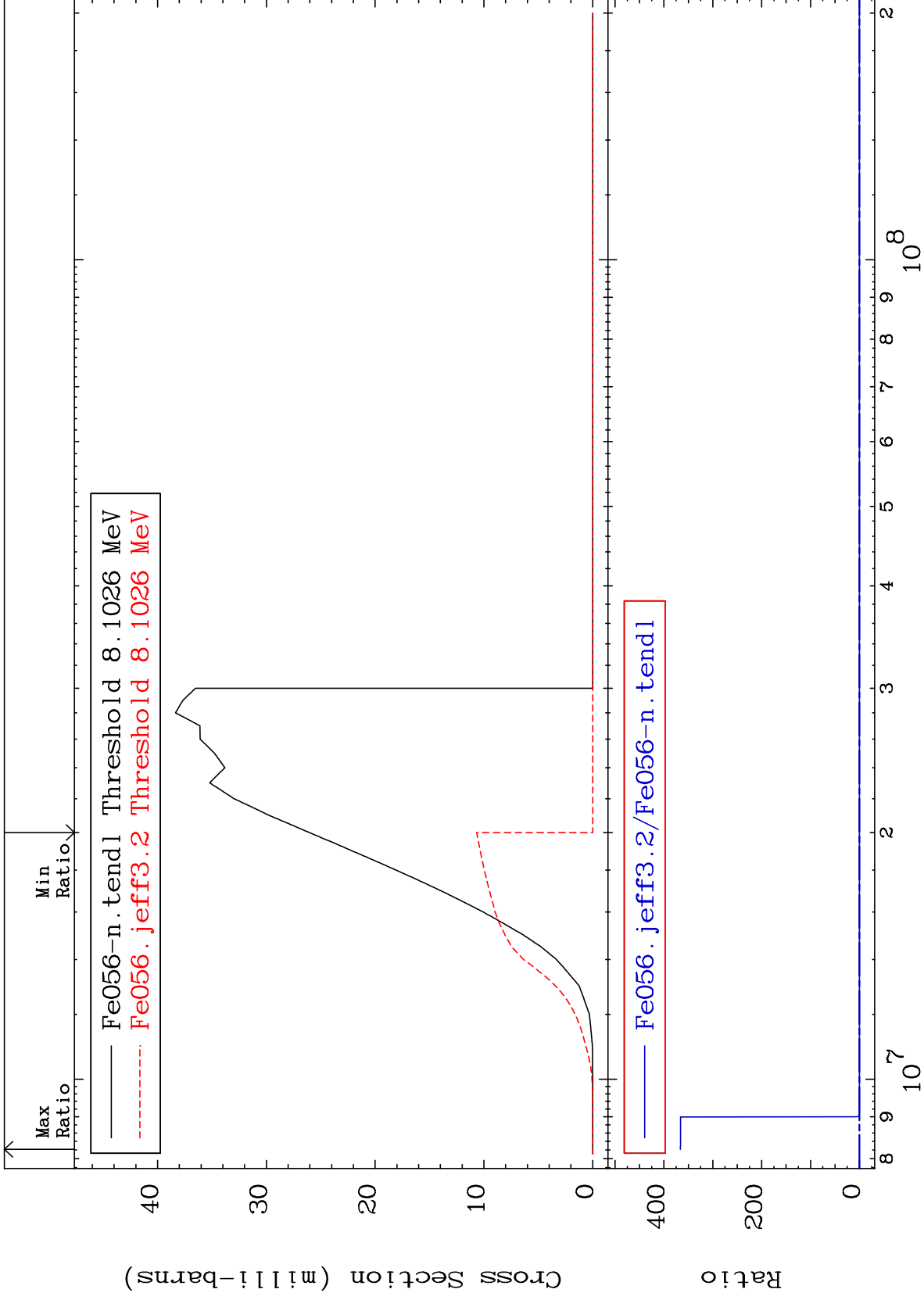


40 ²⁶Fe-56

MAT 2631

(n, d)
Cross Section

²⁶Fe-56
-100.0 To 9999. %



41

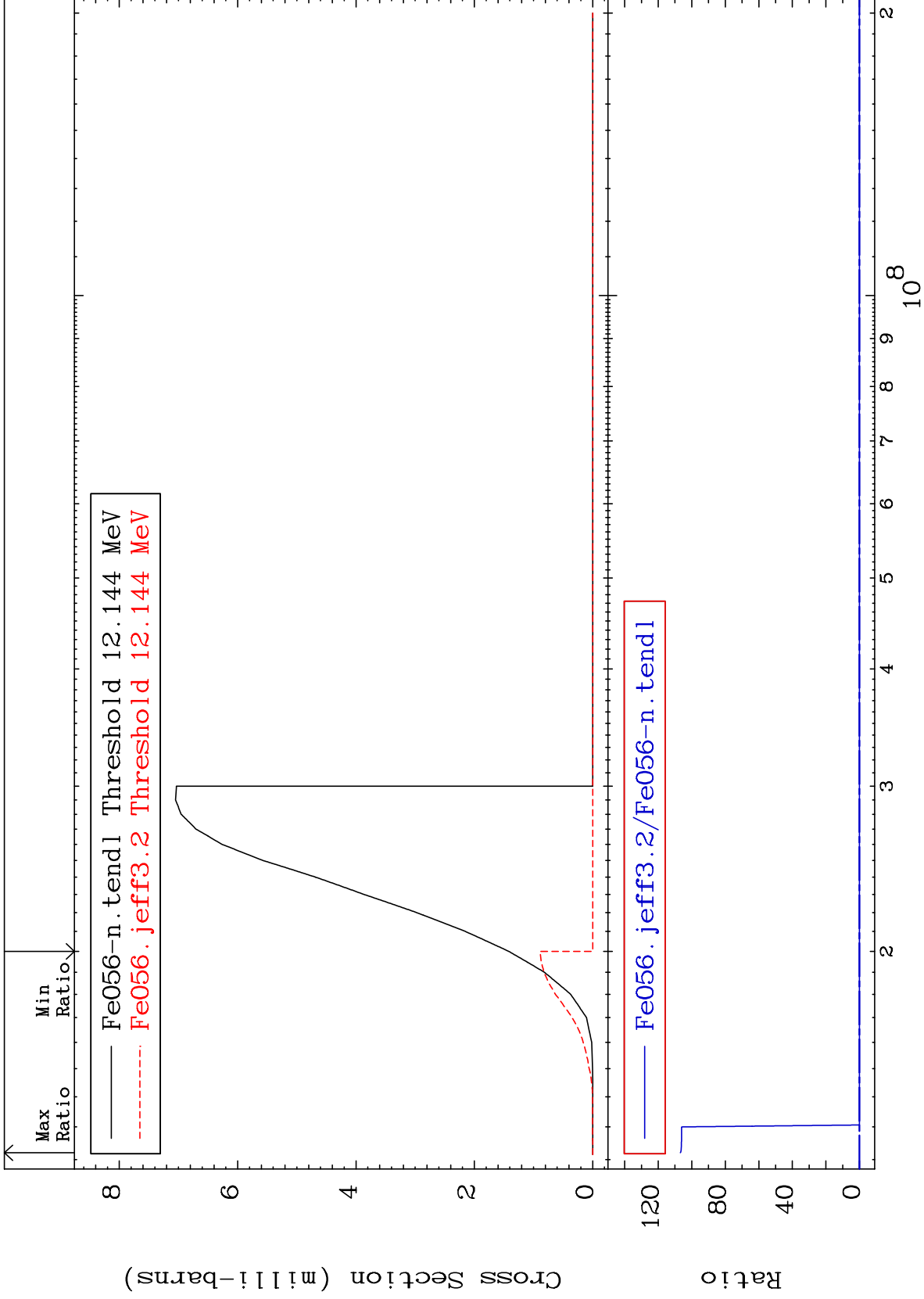
Incident Energy (eV)

²⁶Fe-56

MAT 2631

(n, t)
Cross Section

26-Fe-56
-100.0 To 9999. %



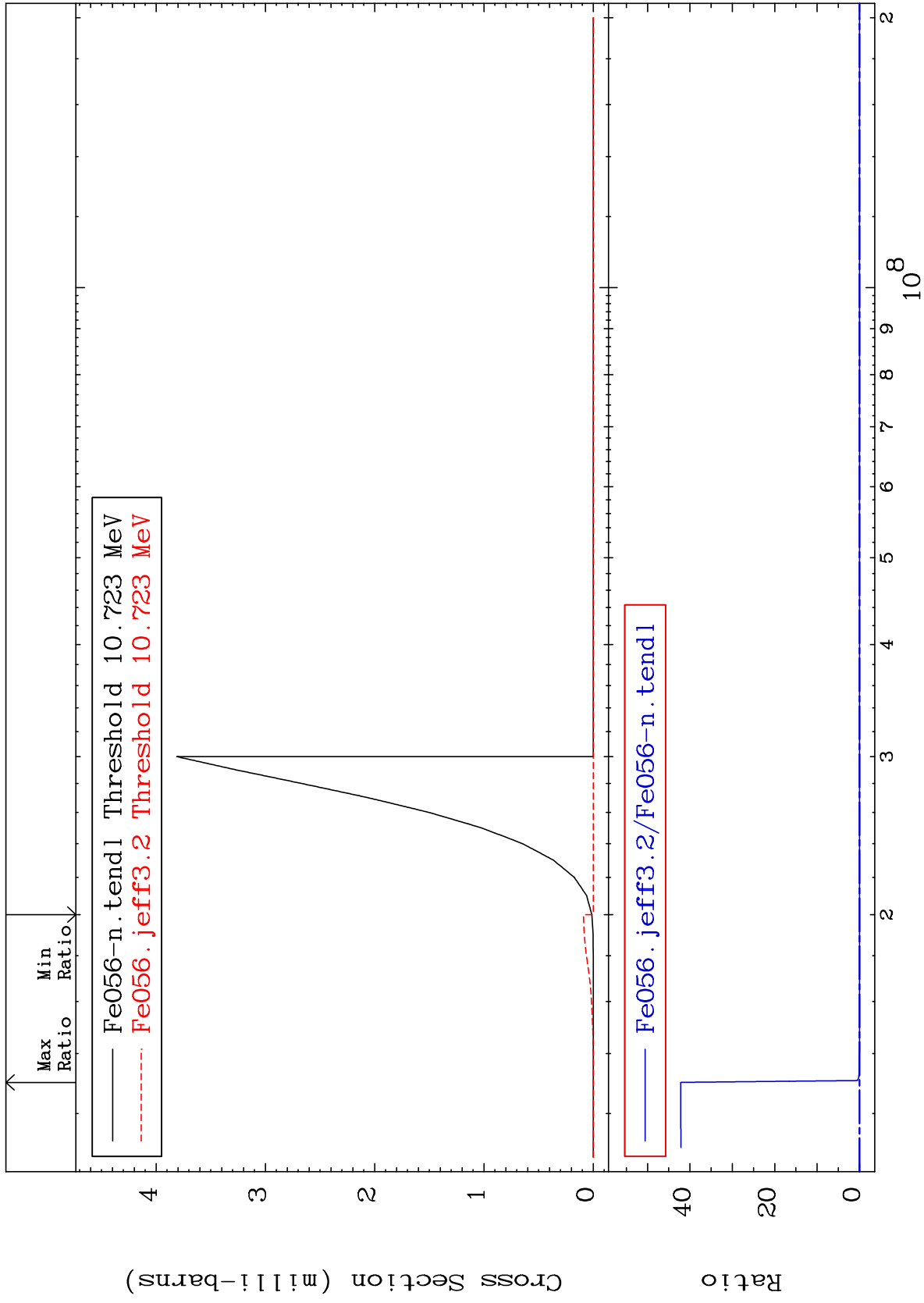
MAT 2631

(n, He-3)

²⁶Fe-56

Cross Section

-100.0 To 9999. %



43

Incident Energy (eV)

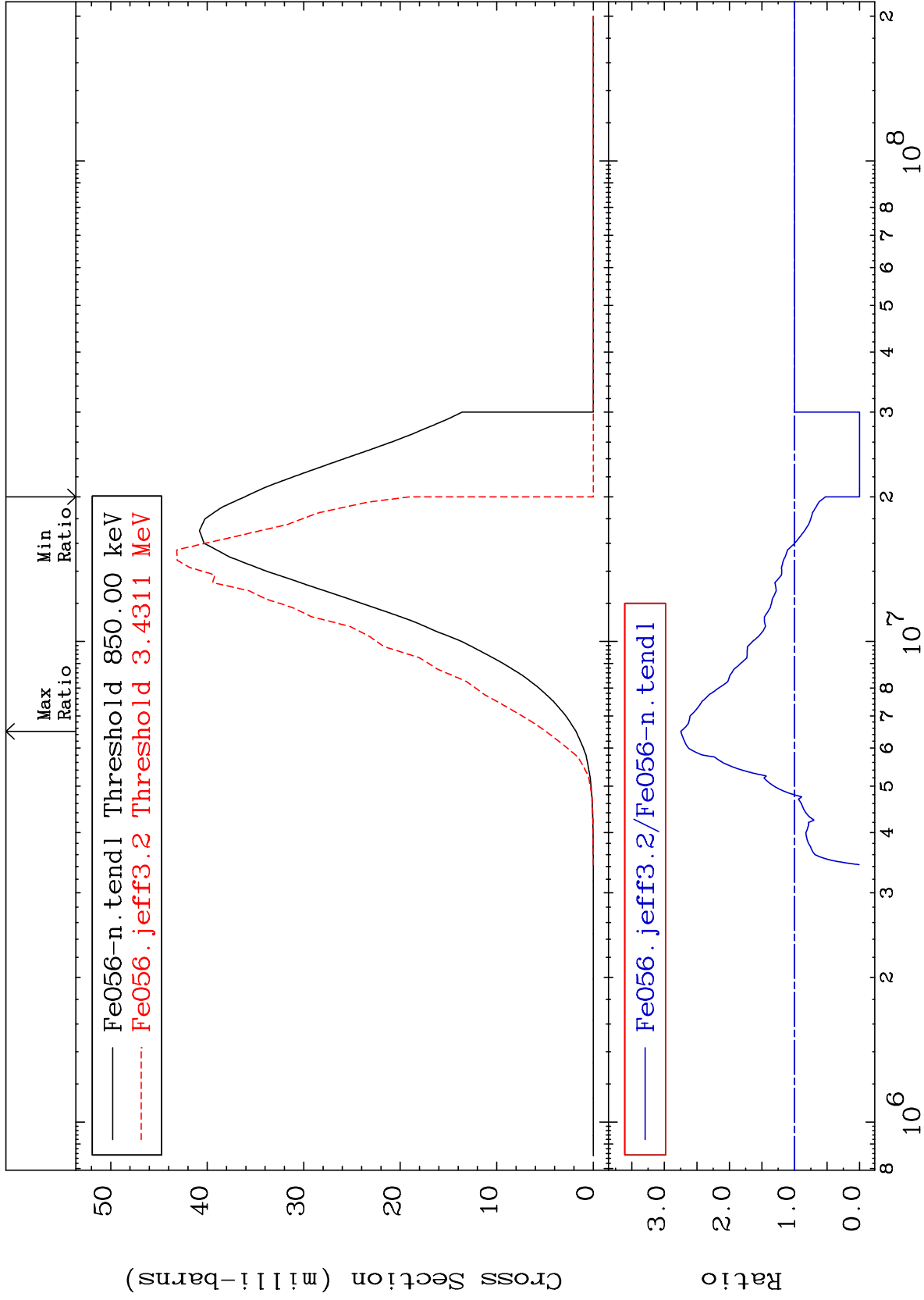
²⁶Fe-56

MAT 2631

$^{26}\text{Fe-56}$

(n, α)
-100.0 To 174.8 %

Cross Section



44

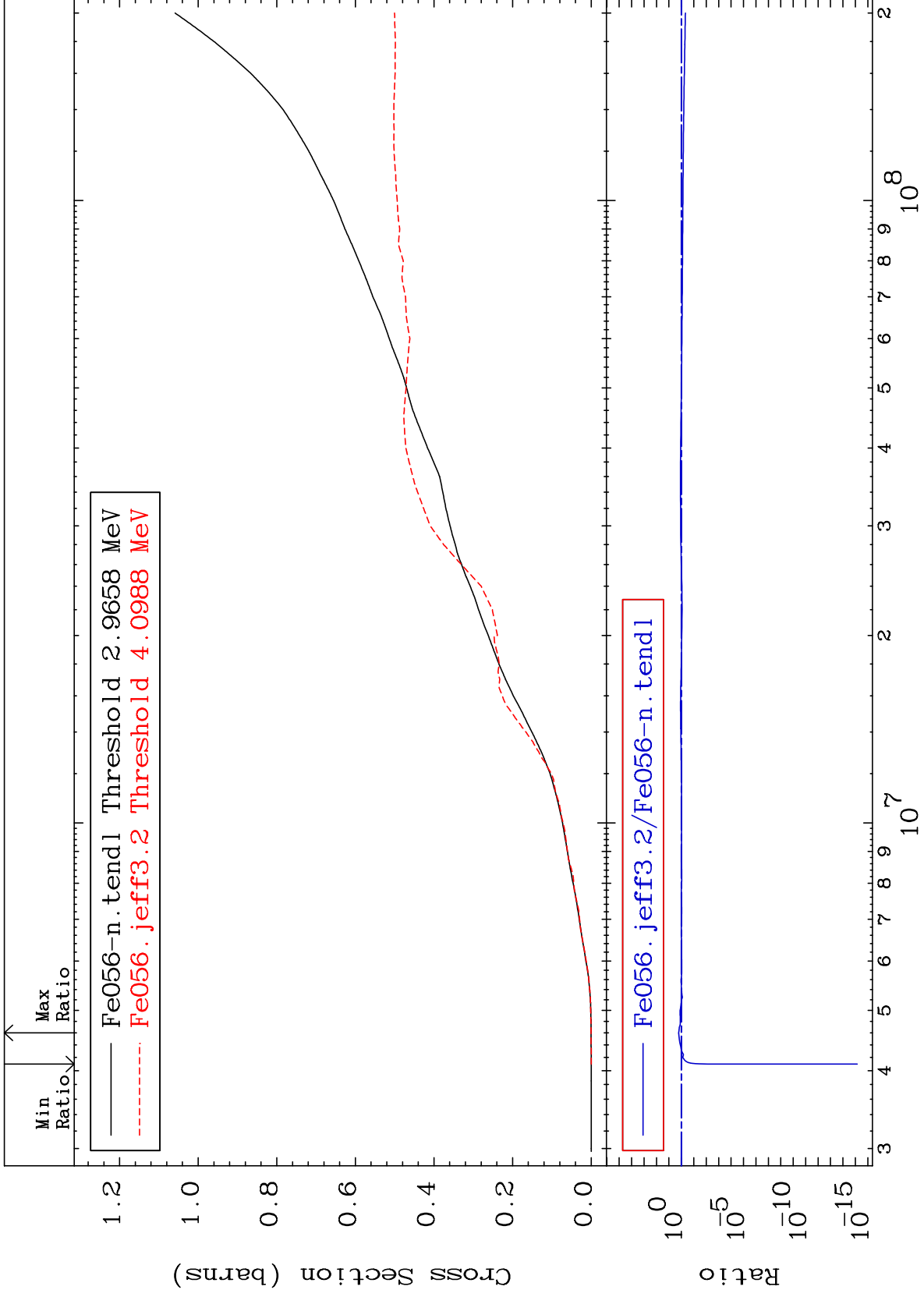
Incident Energy (eV)

$^{26}\text{Fe-56}$

MAT 2631

Hydrogen Production
Cross Section

²⁶Fe-56
-100.0 To 65.16 %



45

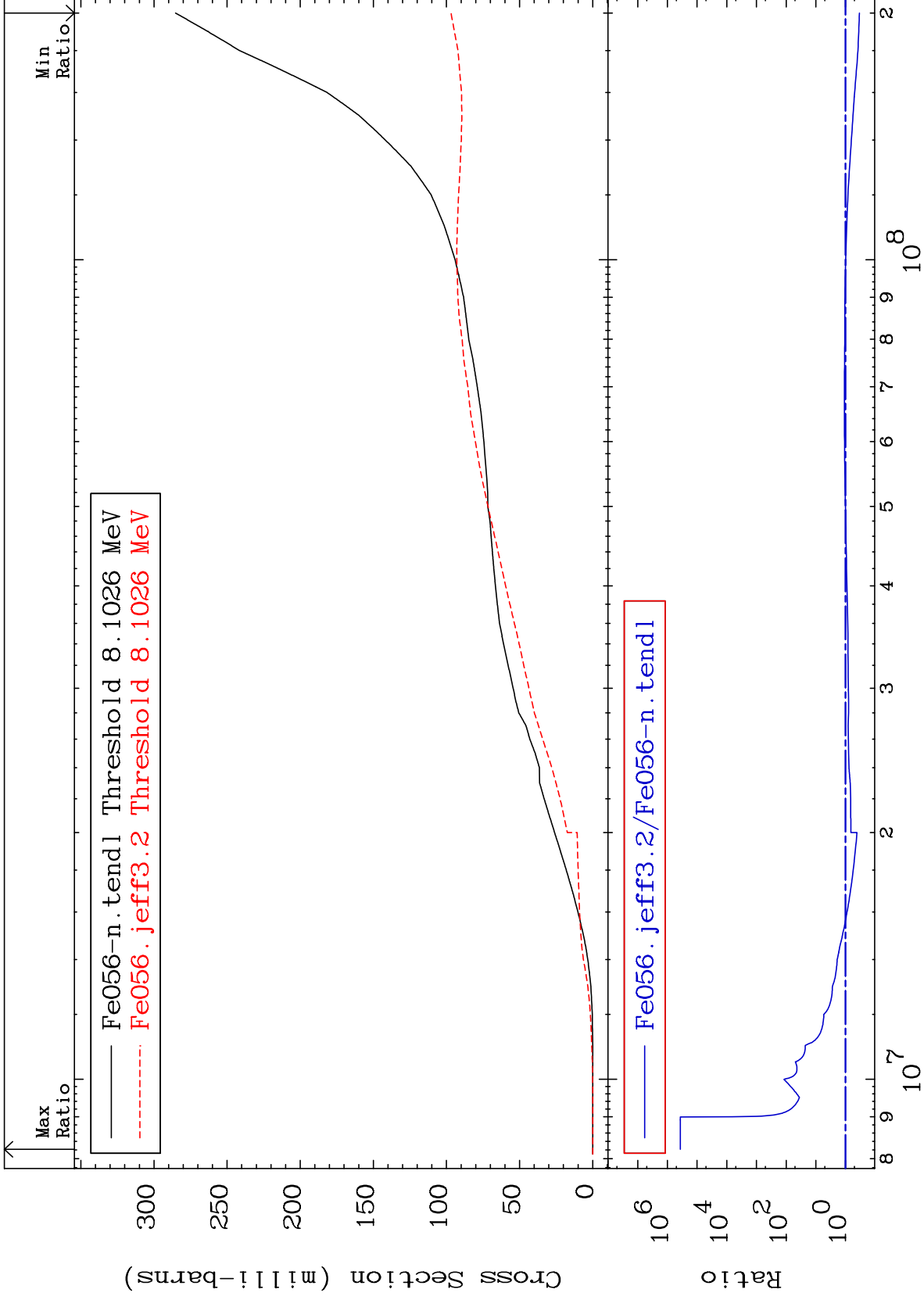
Incident Energy (eV)

²⁶Fe-56

MAT 2631

Deuterium Production
Cross Section

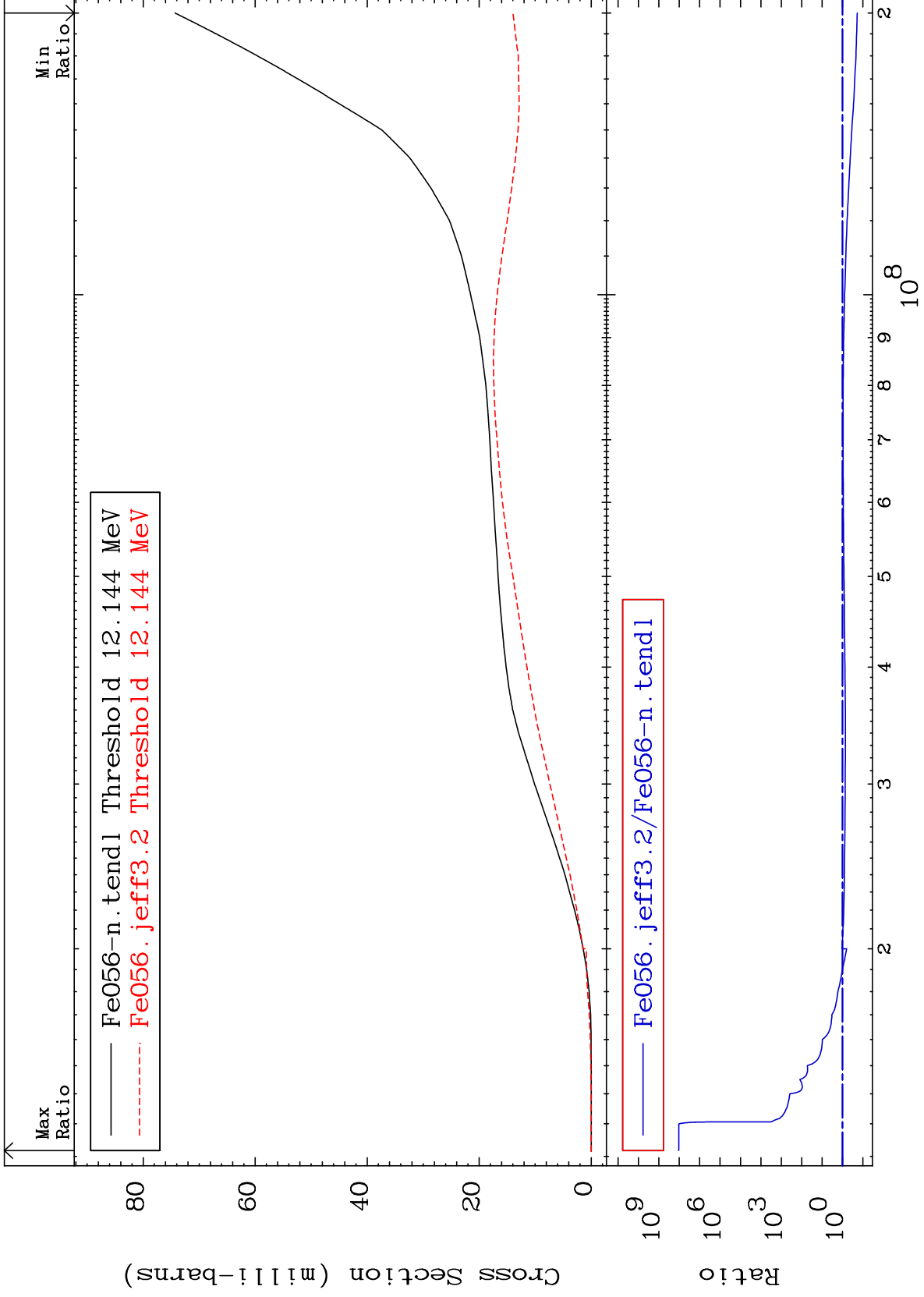
²⁶Fe-56
-66.05 To 9999. %



MAT 2631

Tritium Production
Cross Section

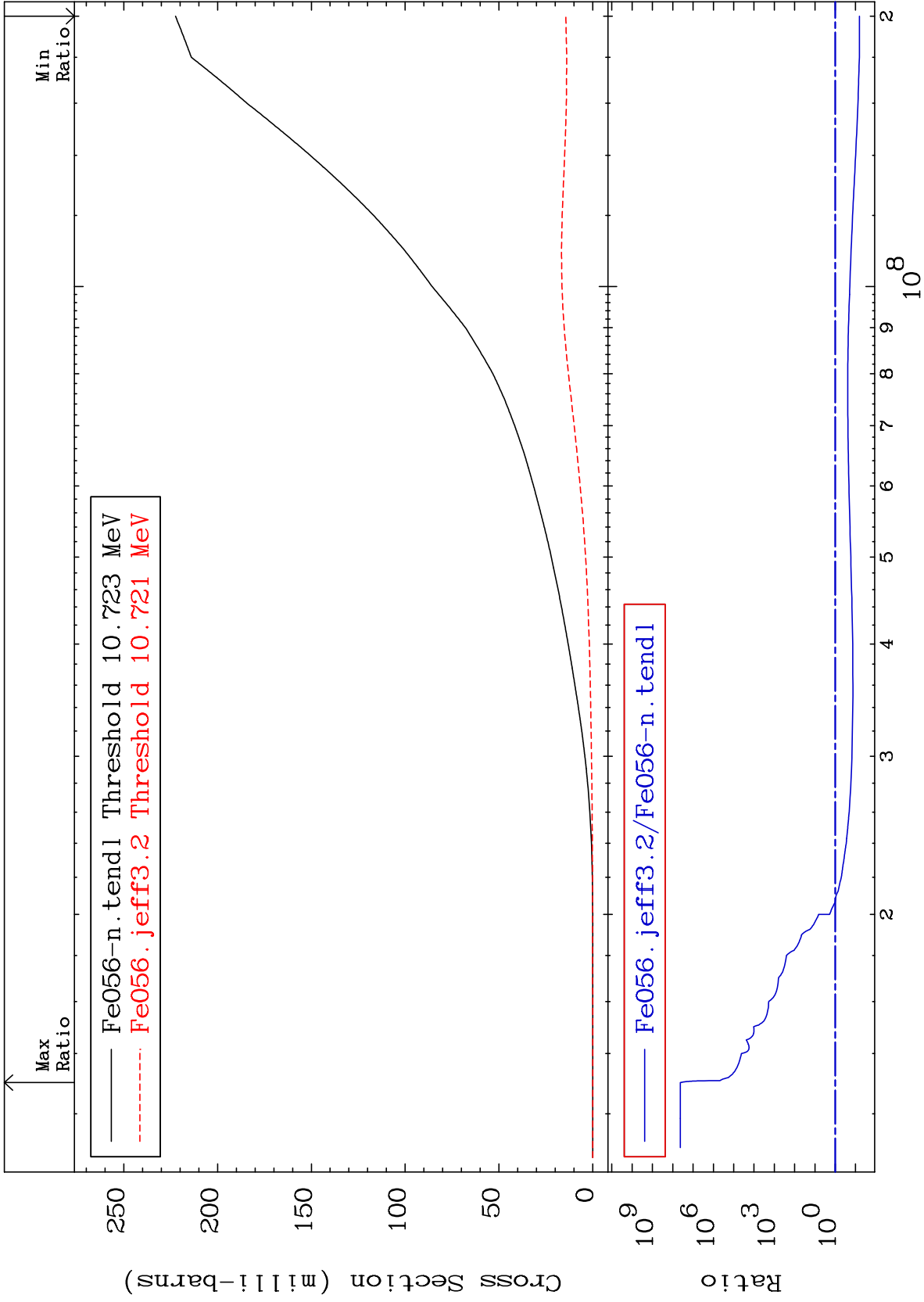
²⁶Fe-56
-81.20 To 9999. %



MAT 2631

He-3 Production
Cross Section

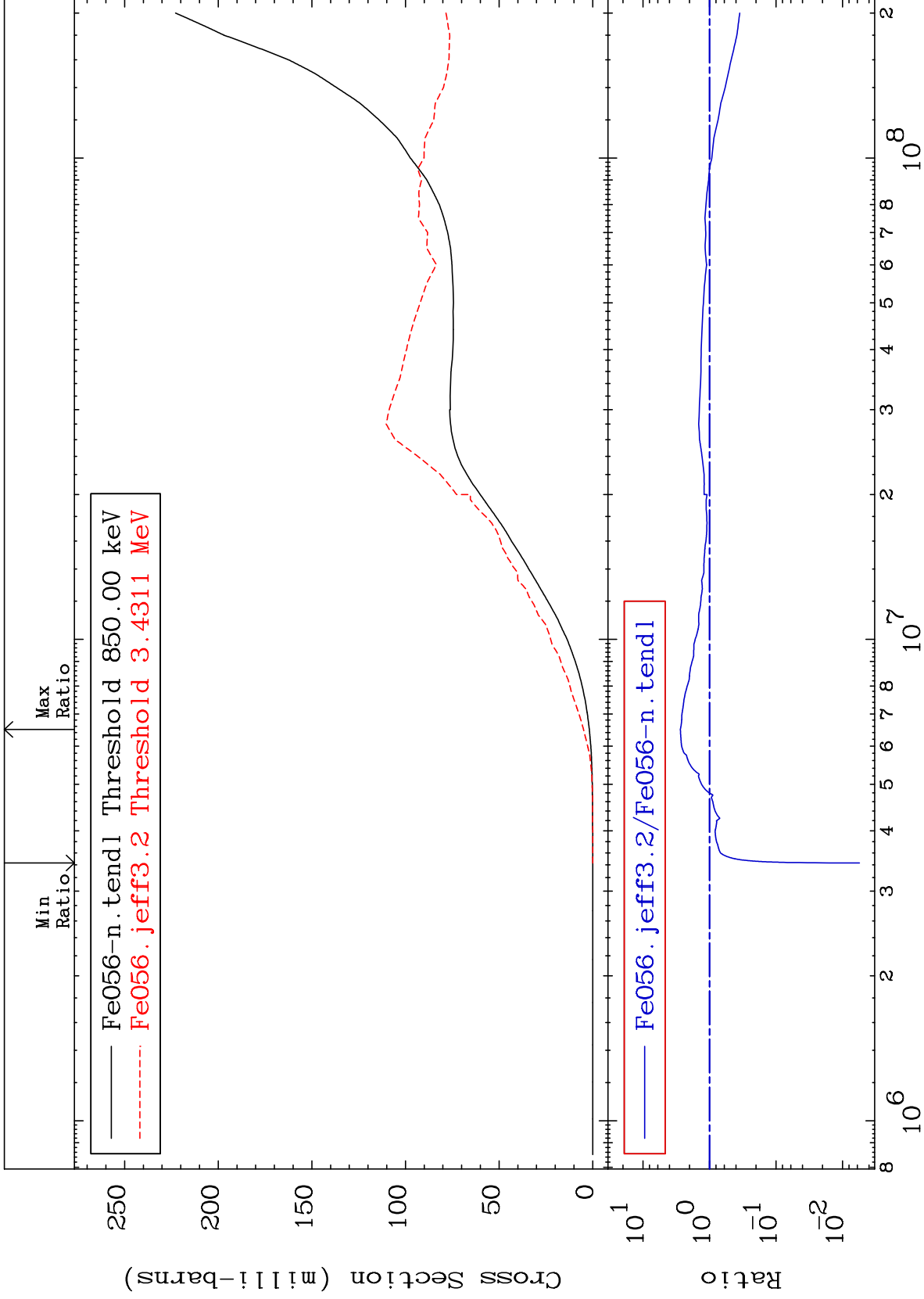
26-Fe-56
-93.56 To 9999. %



MAT 2631

He-4 Production
Cross Section

²⁶Fe-56
-99.44 To 174.8 %



49

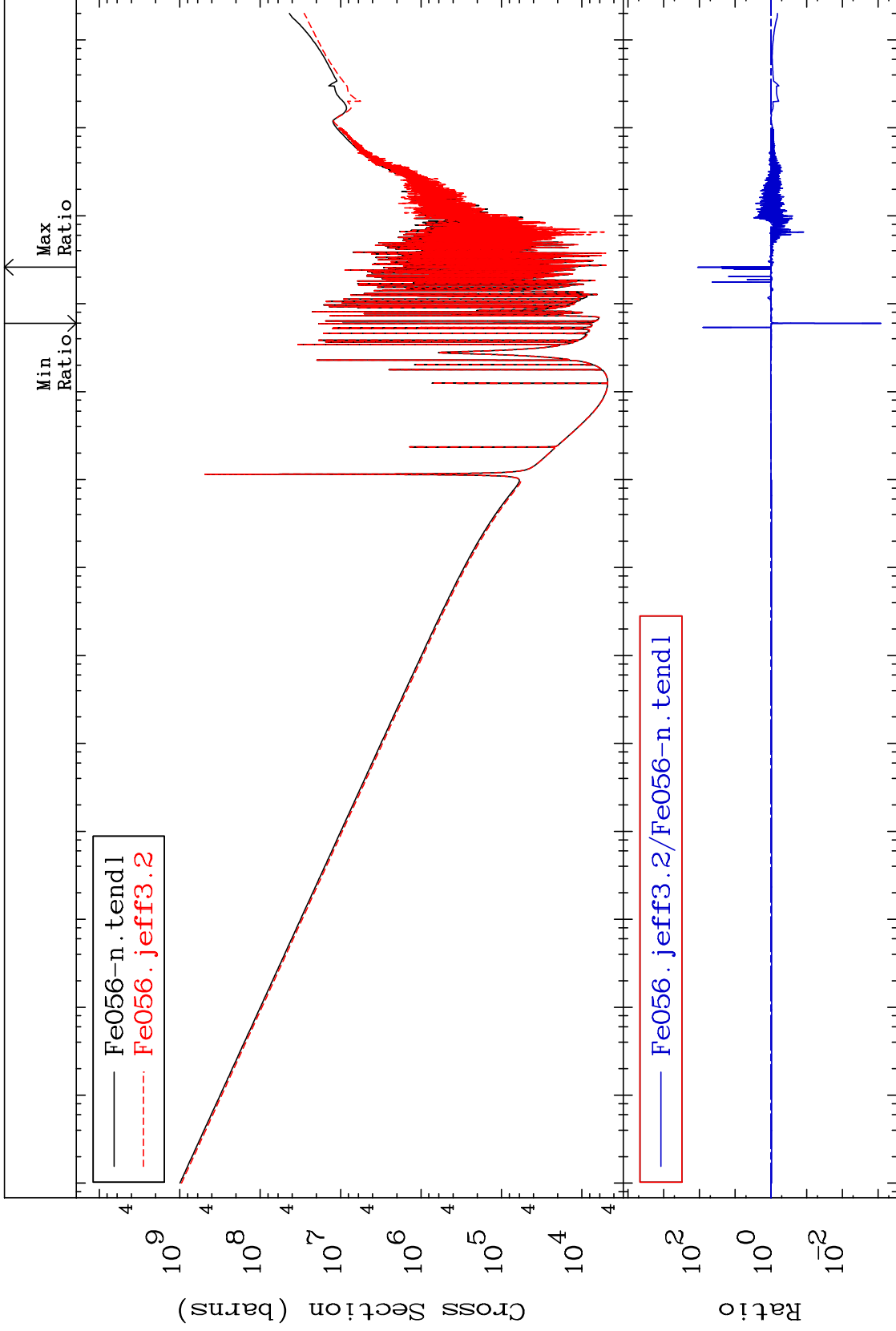
Incident Energy (eV)

²⁶Fe-56

MAT 2631

Kerma total (eV-barns)
Cross Section

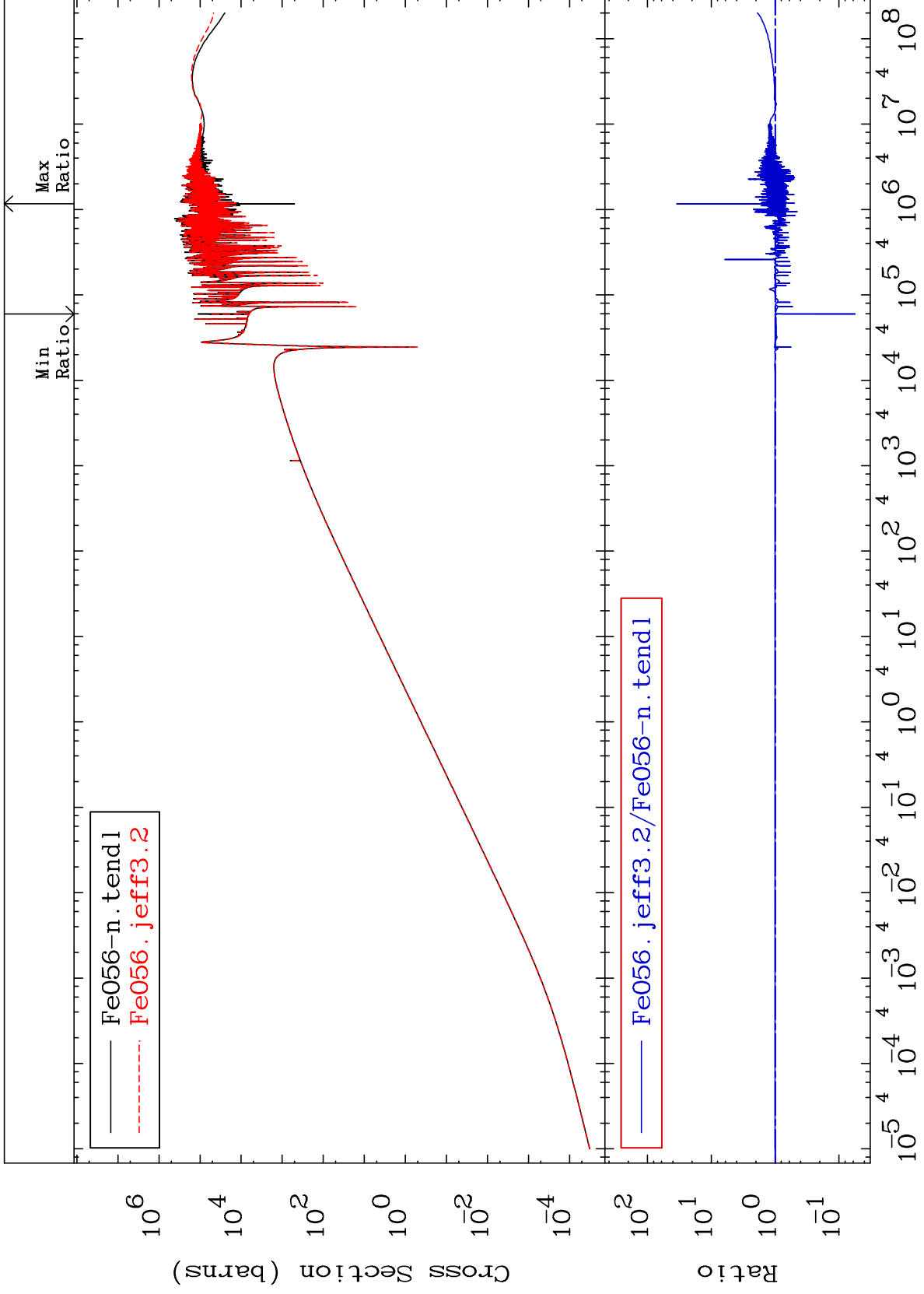
26-Fe-56
-99.92 To 9999. %



MAT 2631

Kerma elastic
Cross Section

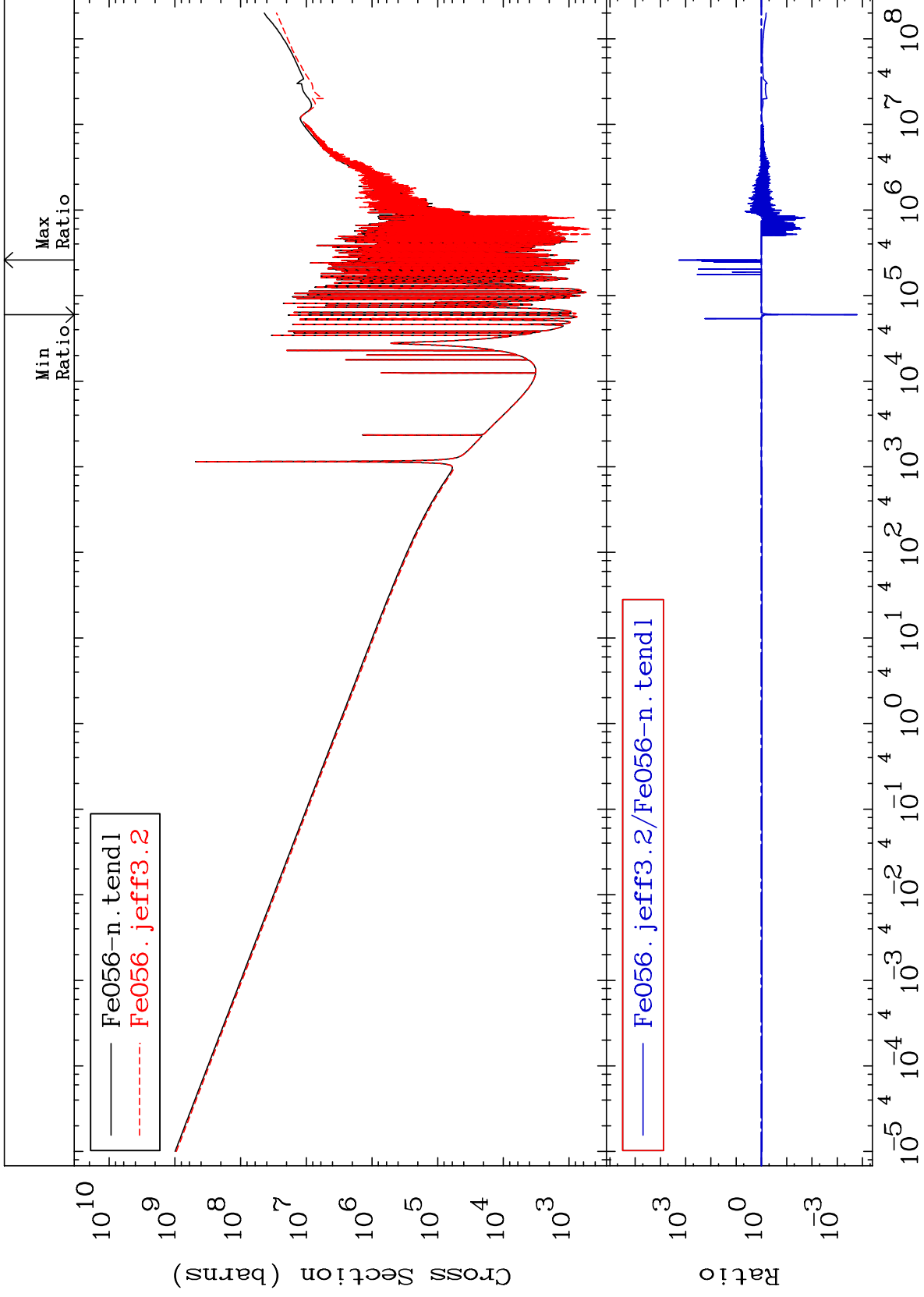
26-Fe-56
-94.41 To 3354. %



MAT 2631

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-56
-99.98 To 9999. %



52

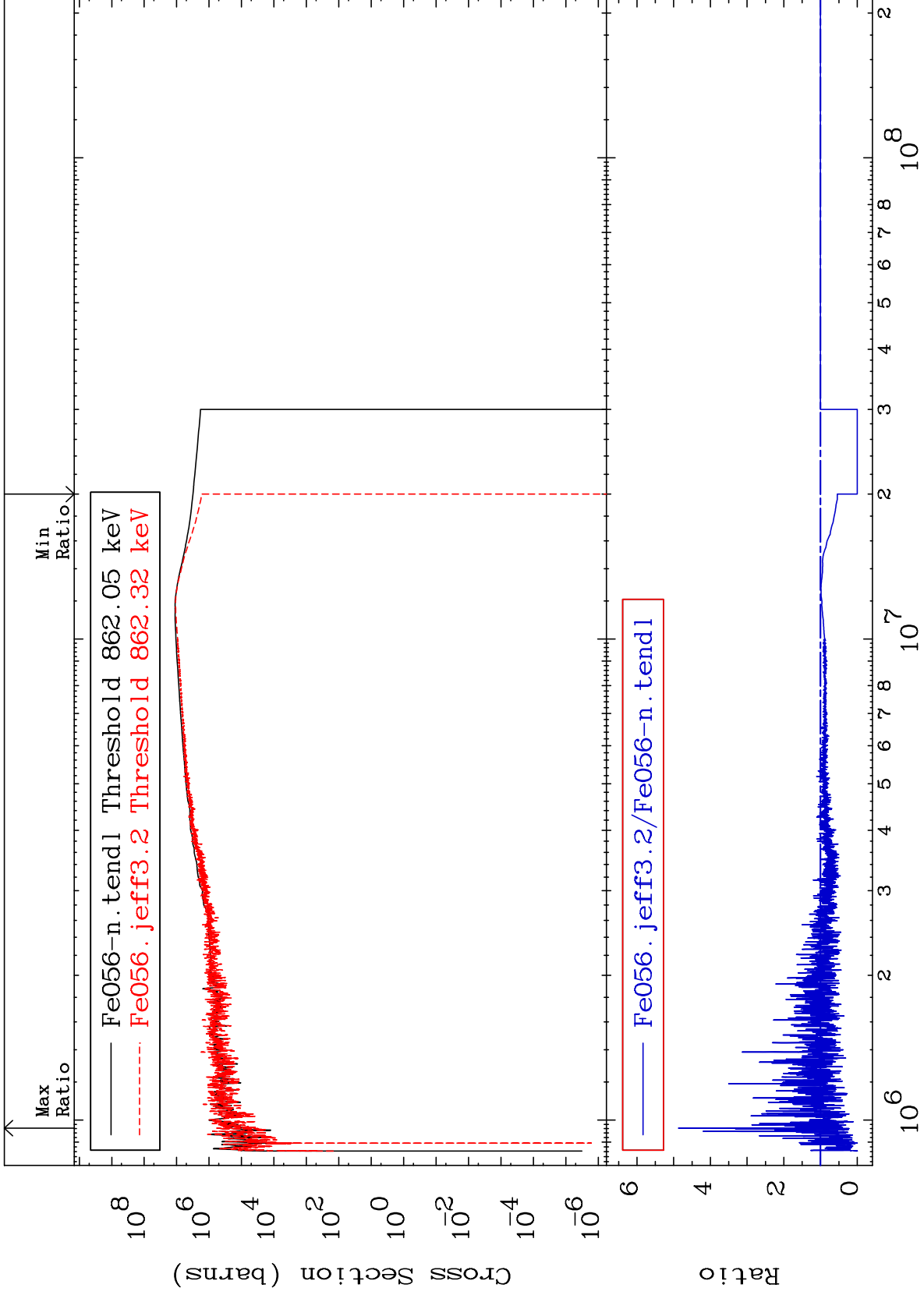
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma inelastic (mt51-91)
Cross Section

²⁶Fe-56
-100.0 To 386.5 %



53

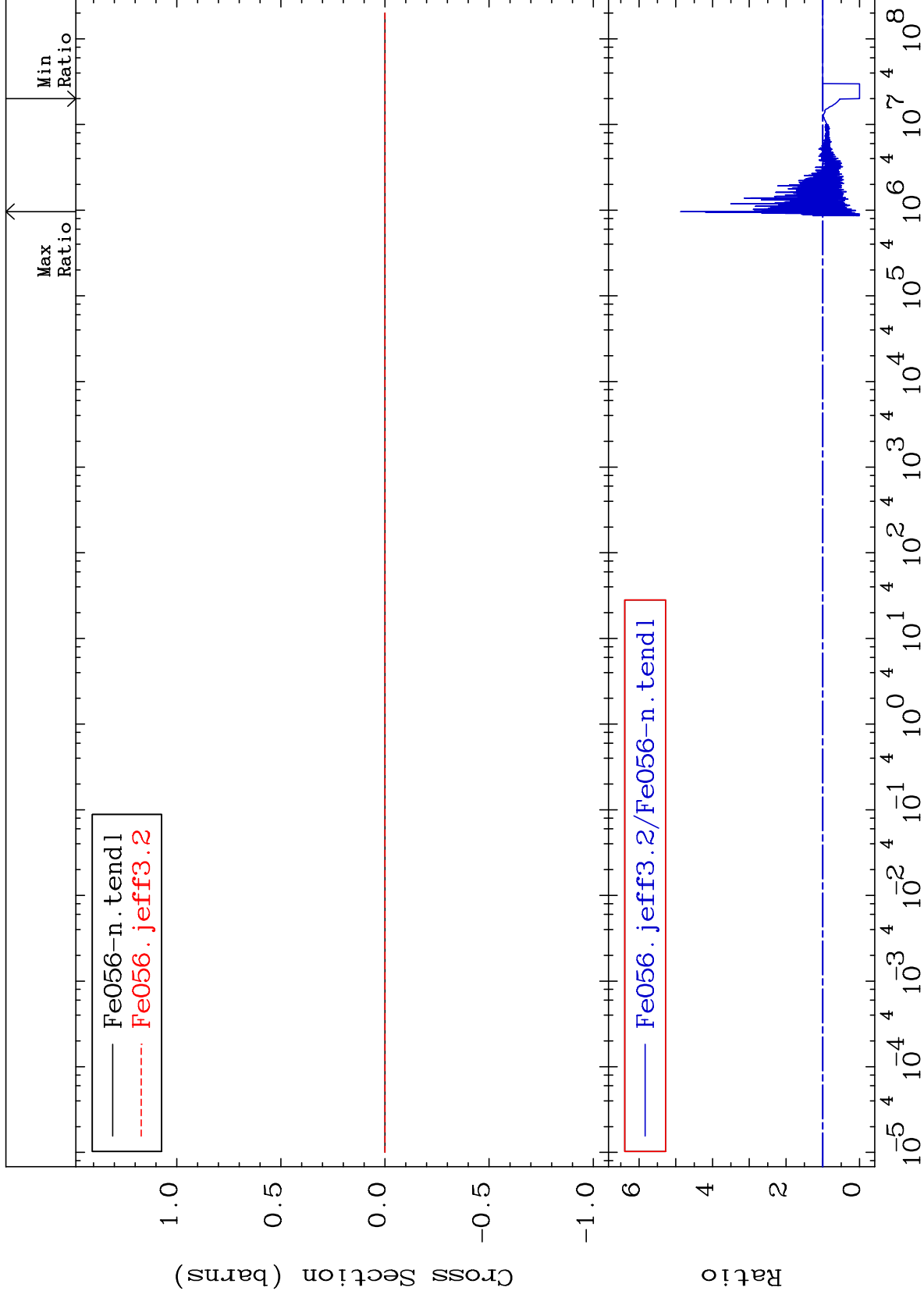
Incident Energy (eV)

²⁶Fe-56

MAT 2631

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

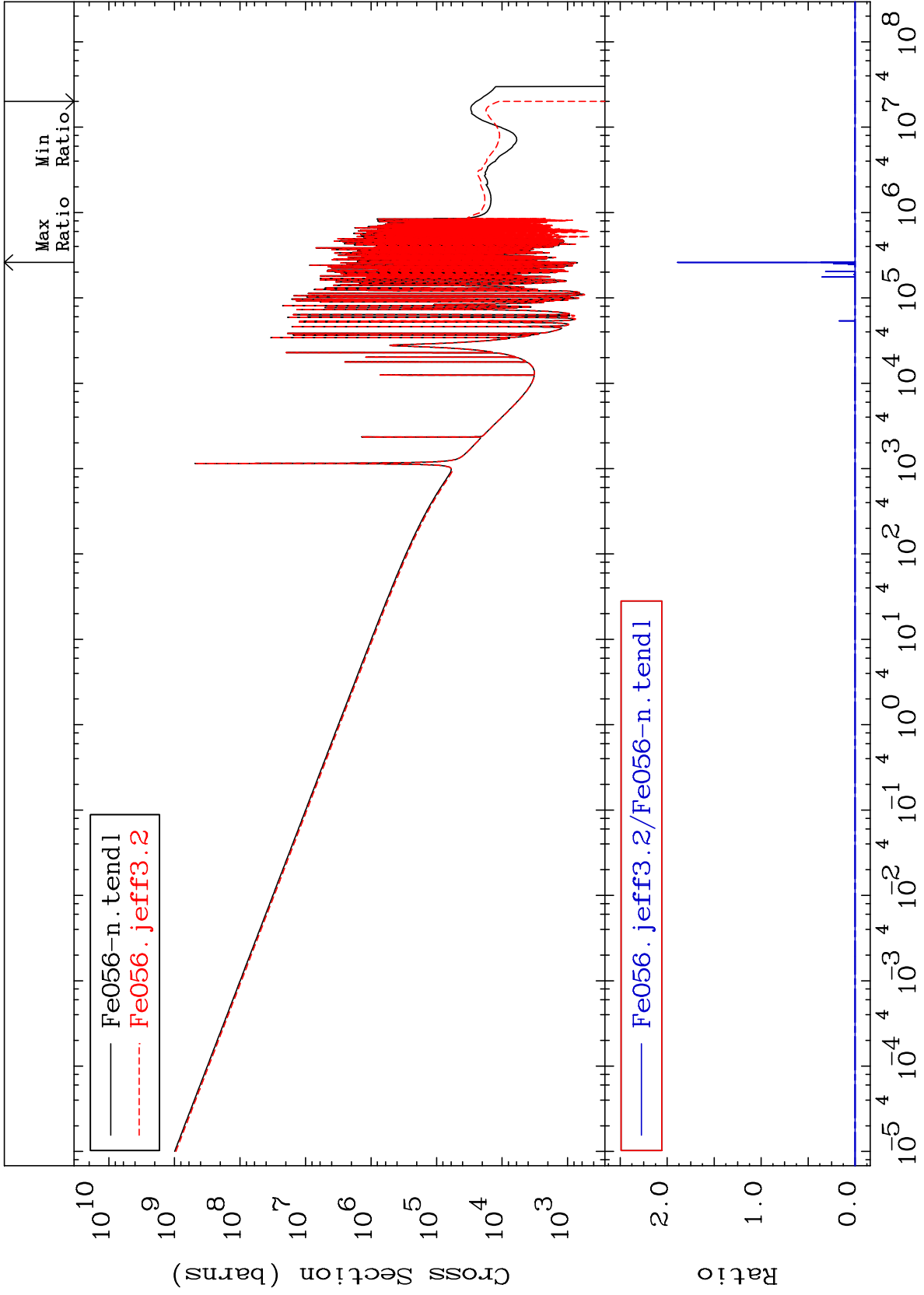
26-Fe-56
-100.0 To 386.5 %



MAT 2631

Kerma capture (mt102)
Cross Section

26-Fe-56
-100.0 To 9999. %



55

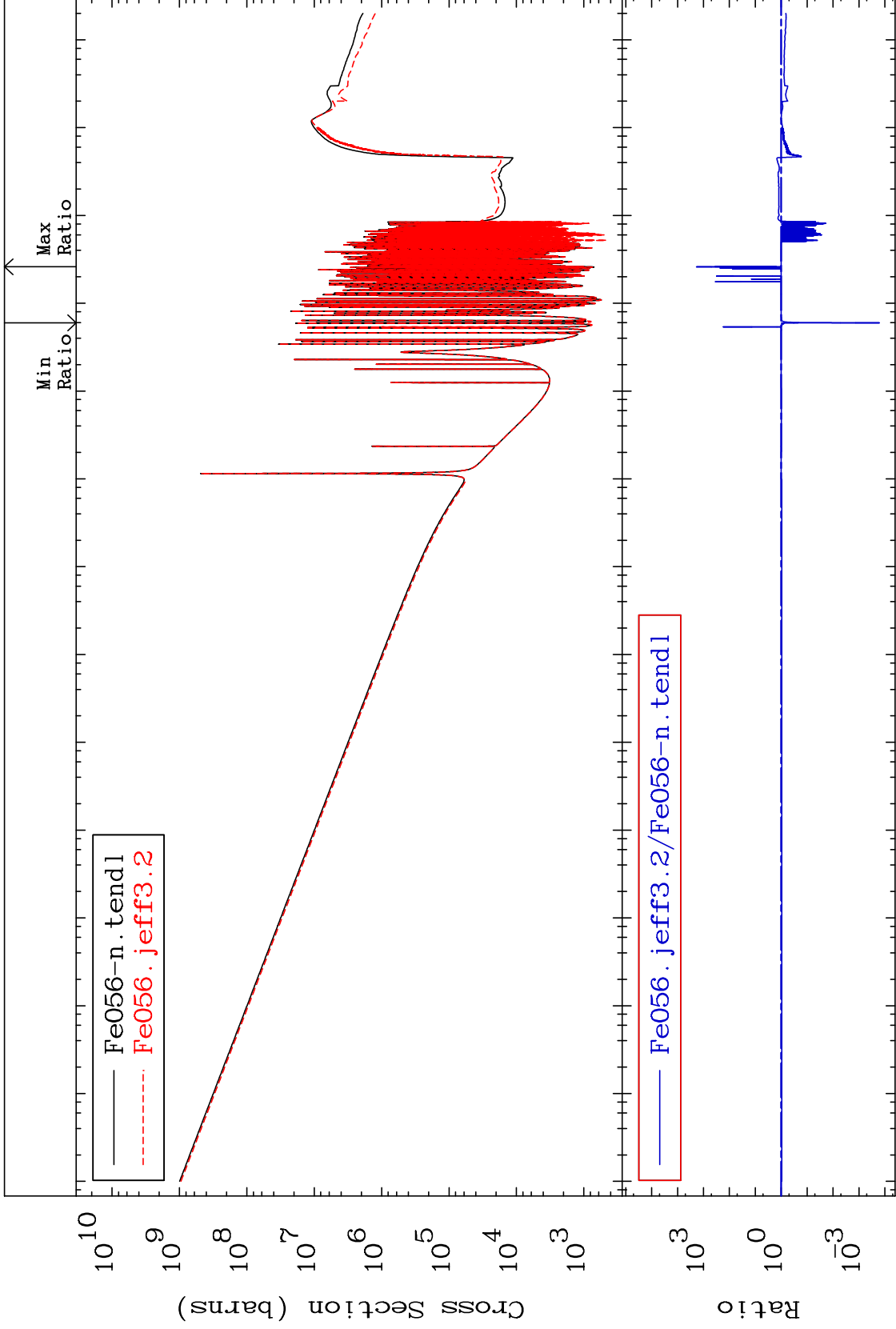
Incident Energy (eV)

26-Fe-56

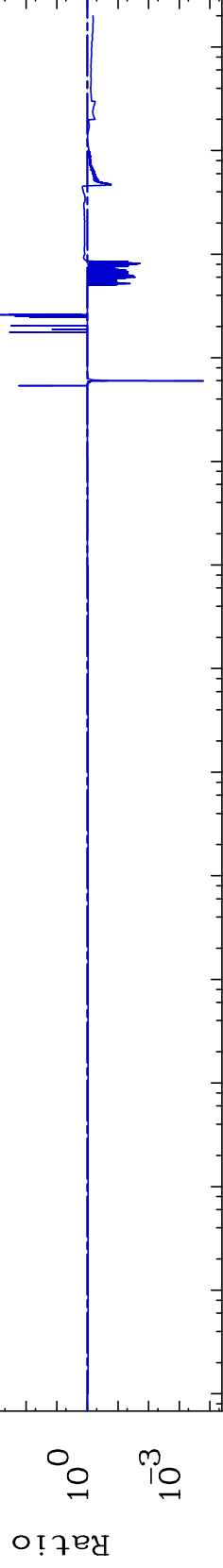
MAT 2631

Total photon (eV-barns)
Cross Section

26-Fe-56
-99.98 To 9999. %



Fe056.jeff3.2/Fe056-n.tendl



56

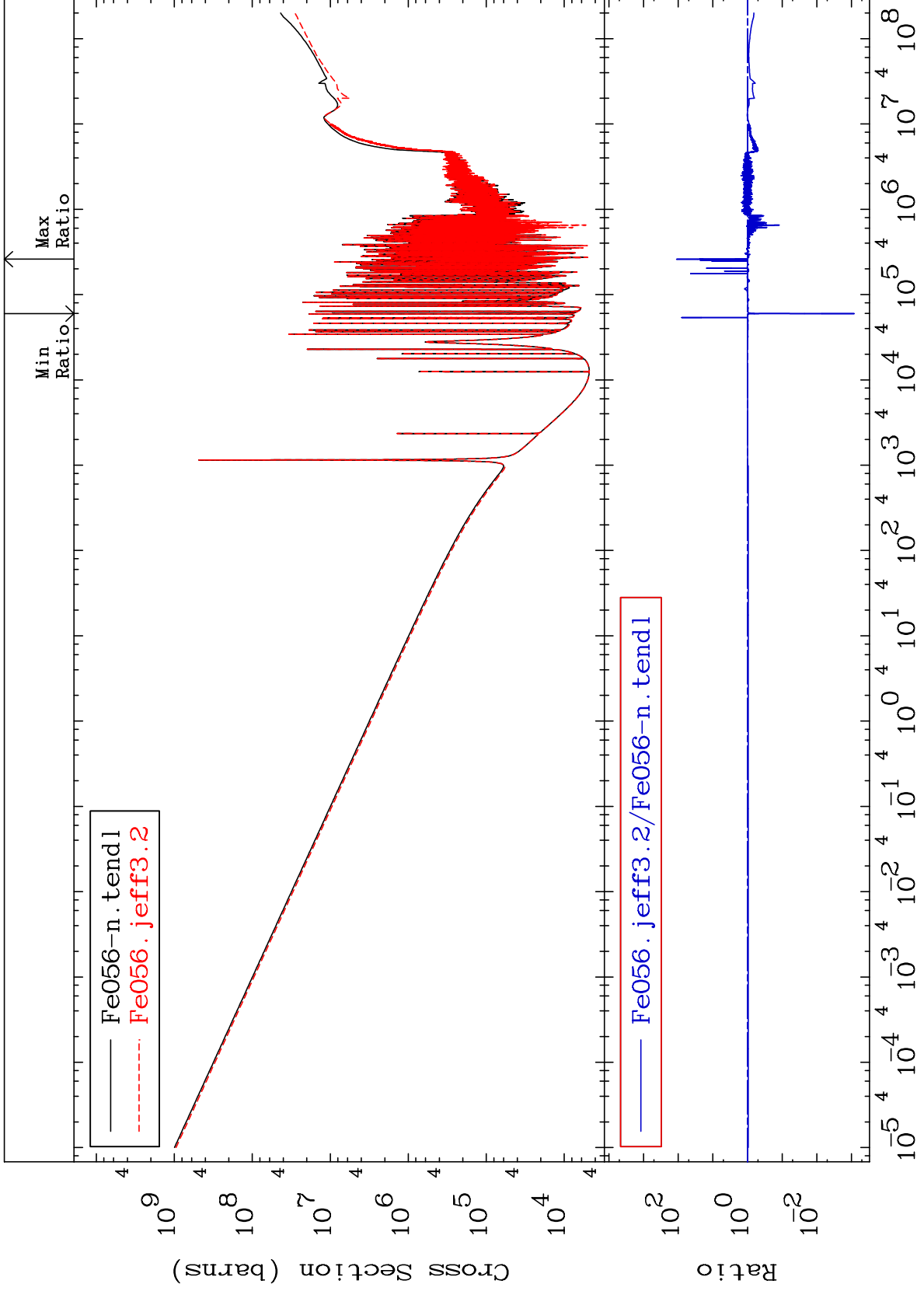
Incident Energy (eV)

26-Fe-56

MAT 2631

Total kinematic kerma (high limit)
Cross Section

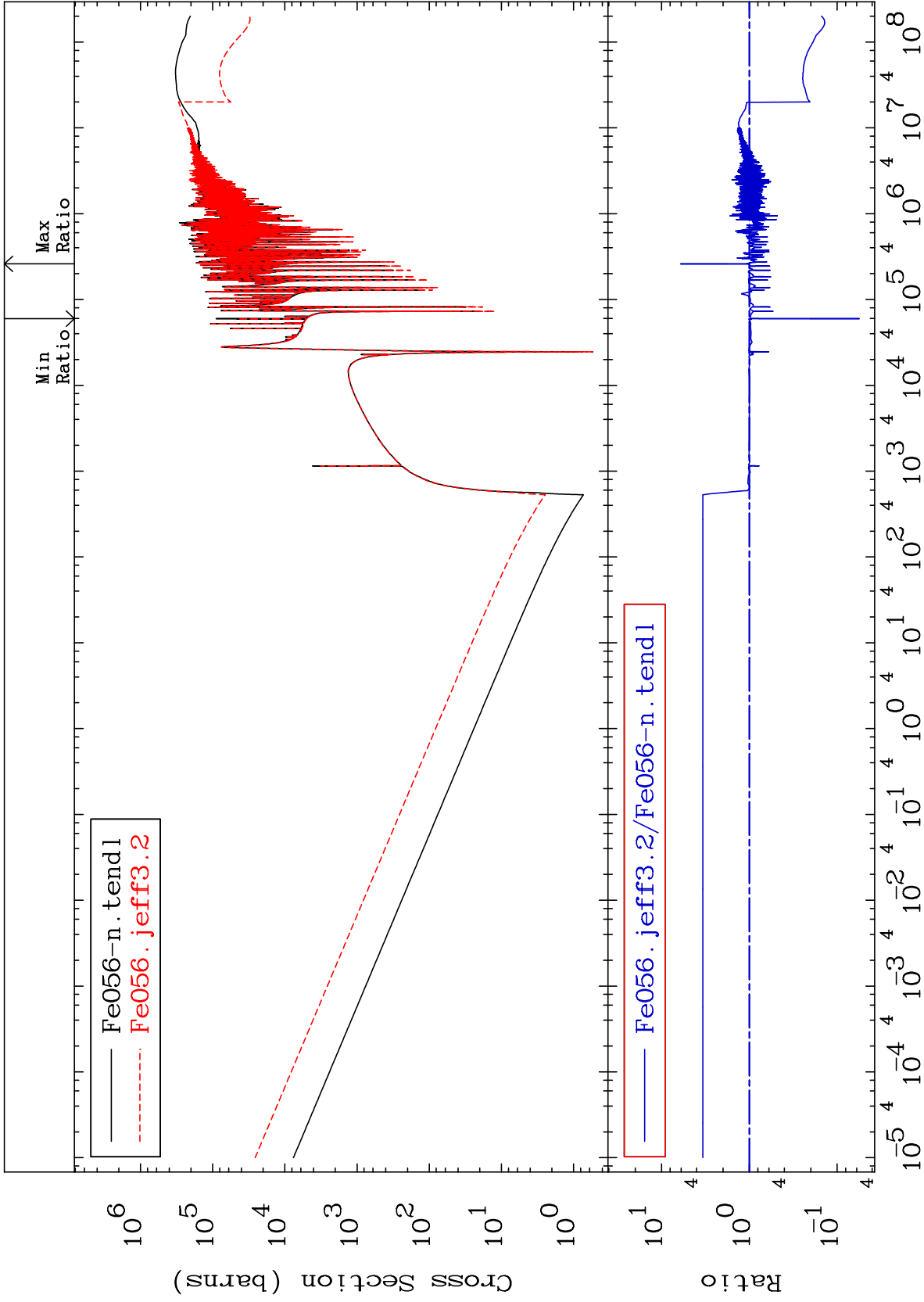
26-Fe-56
-99.92 To 9999. %

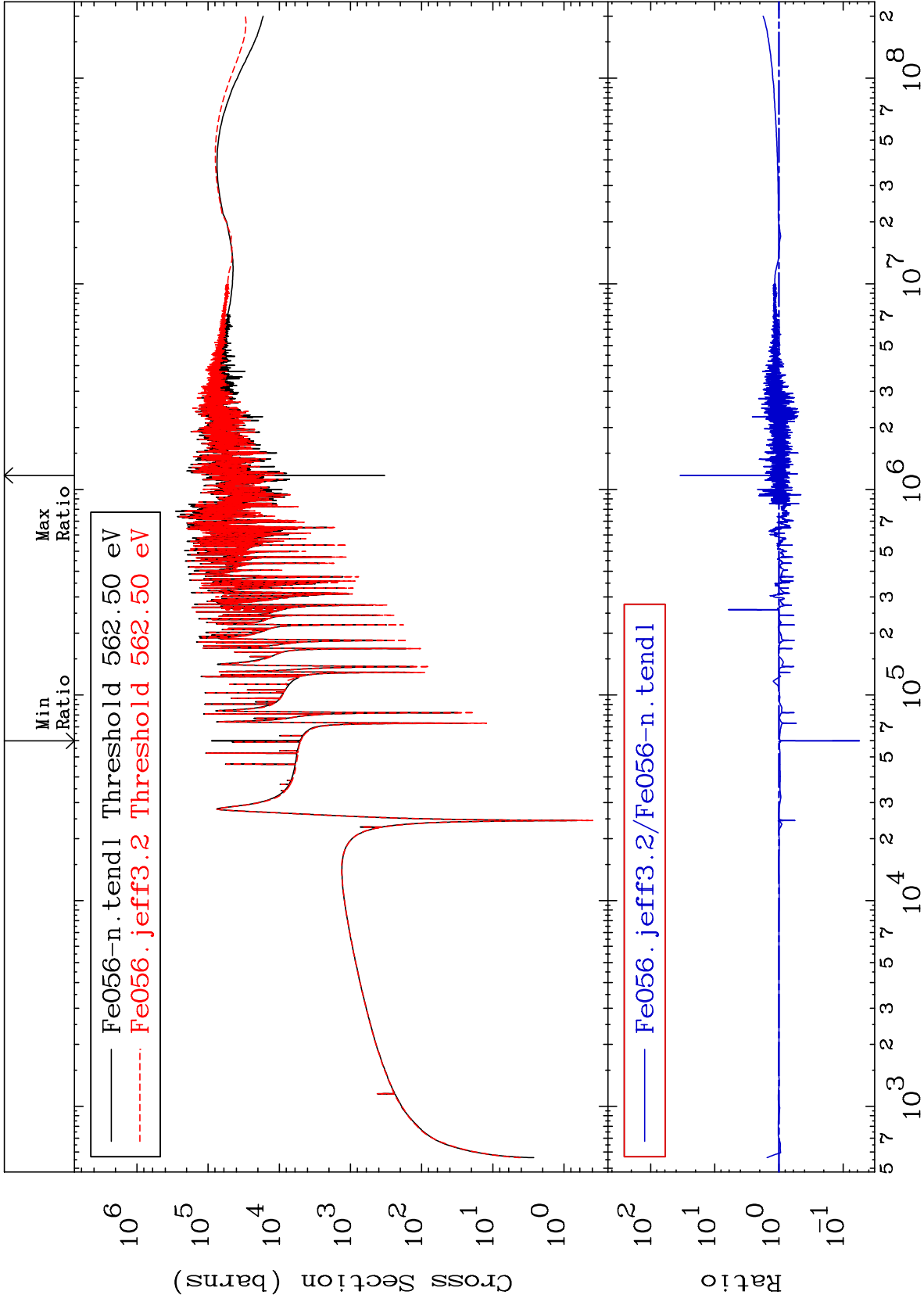


MAT 2631

Dpa total (eV-barns)
Cross Section

26-Fe-56
-94.42 To 511.6 %

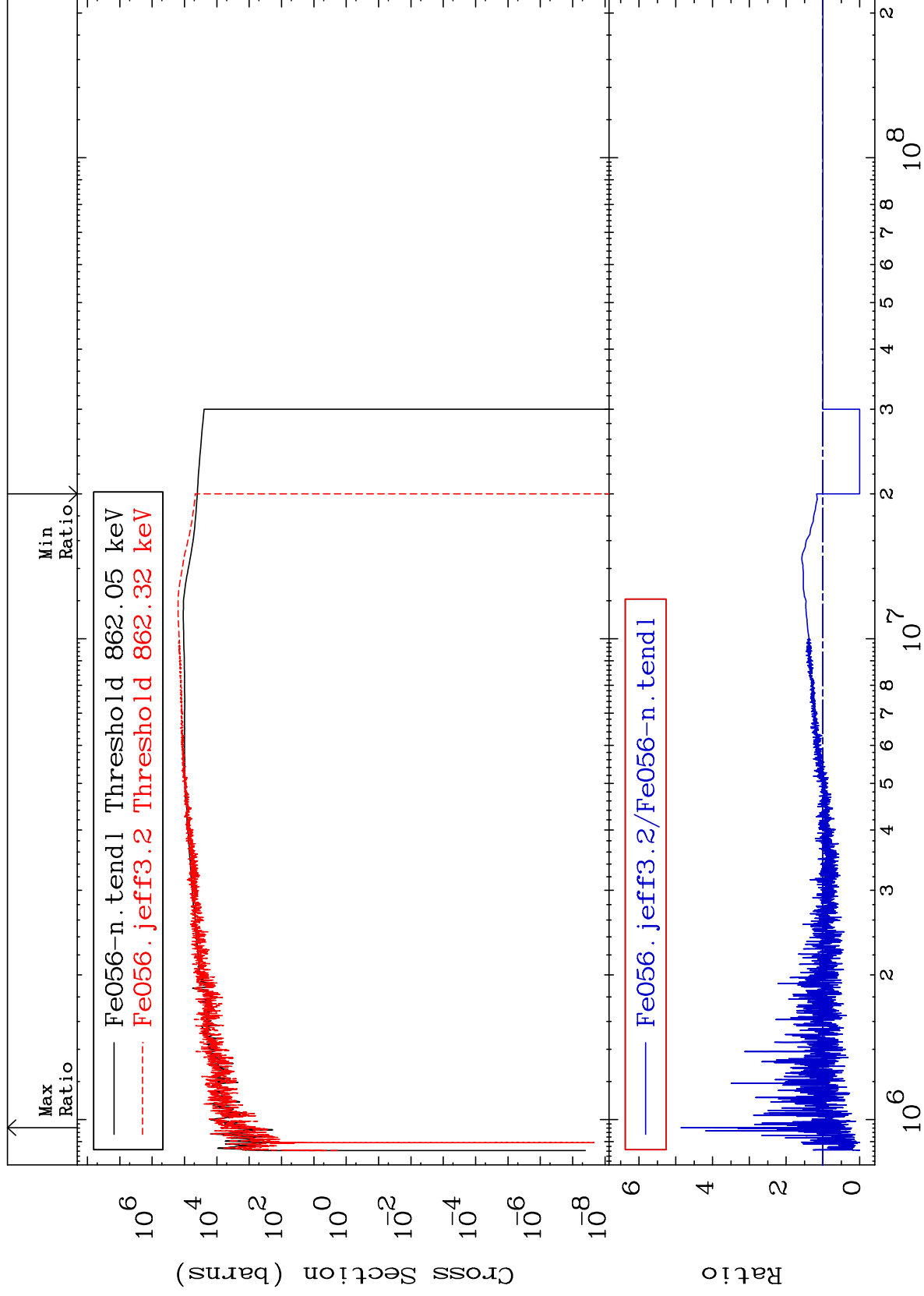




MAT 2631

Dpa inelastic (mt51-91)
Cross Section

²⁶Fe-56
-100.0 To 385.4 %



60

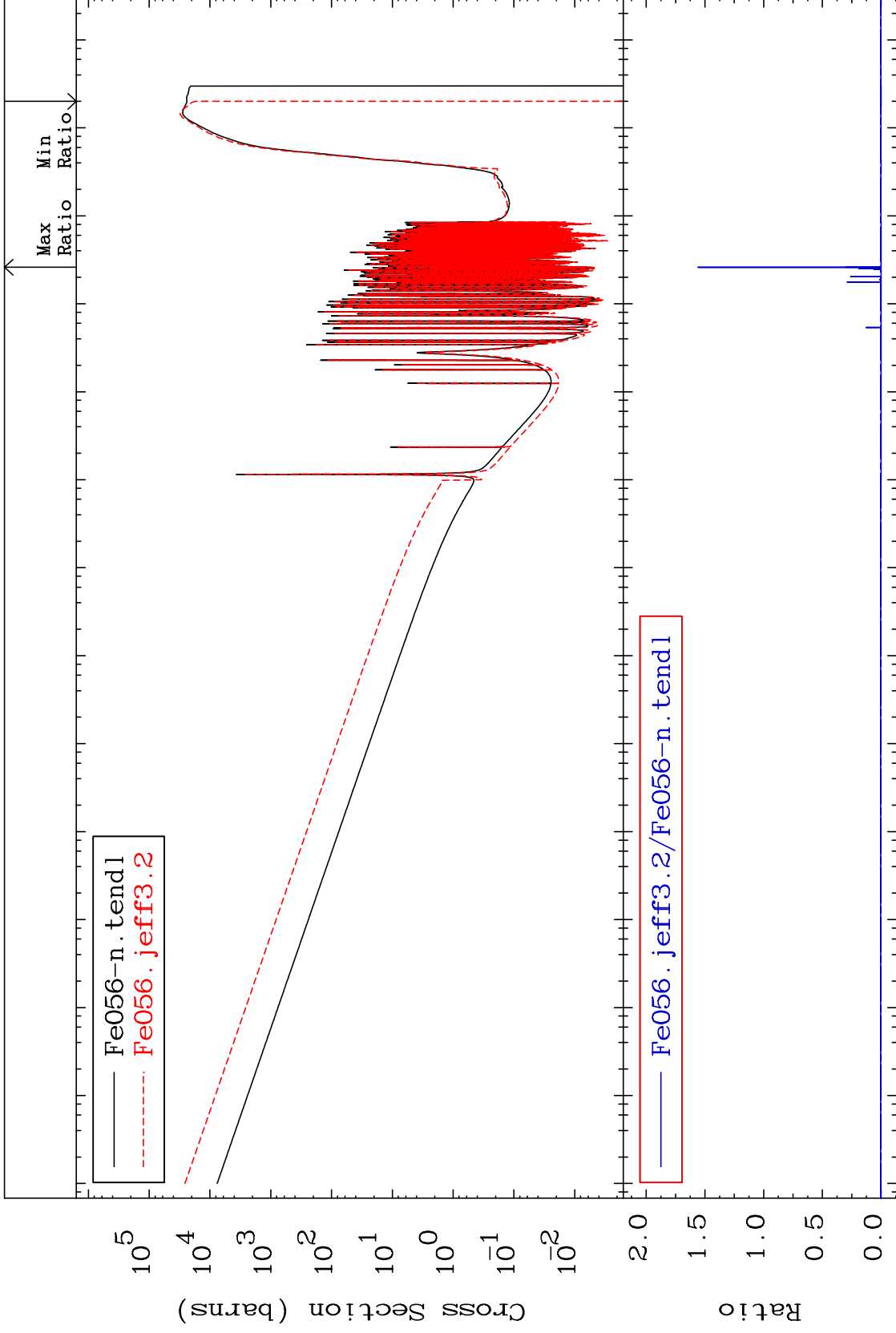
Incident Energy (eV)

²⁶Fe-56

MAT 2631

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-56
-100.0 To 9999. %



61

Incident Energy (eV)

26-Fe-56