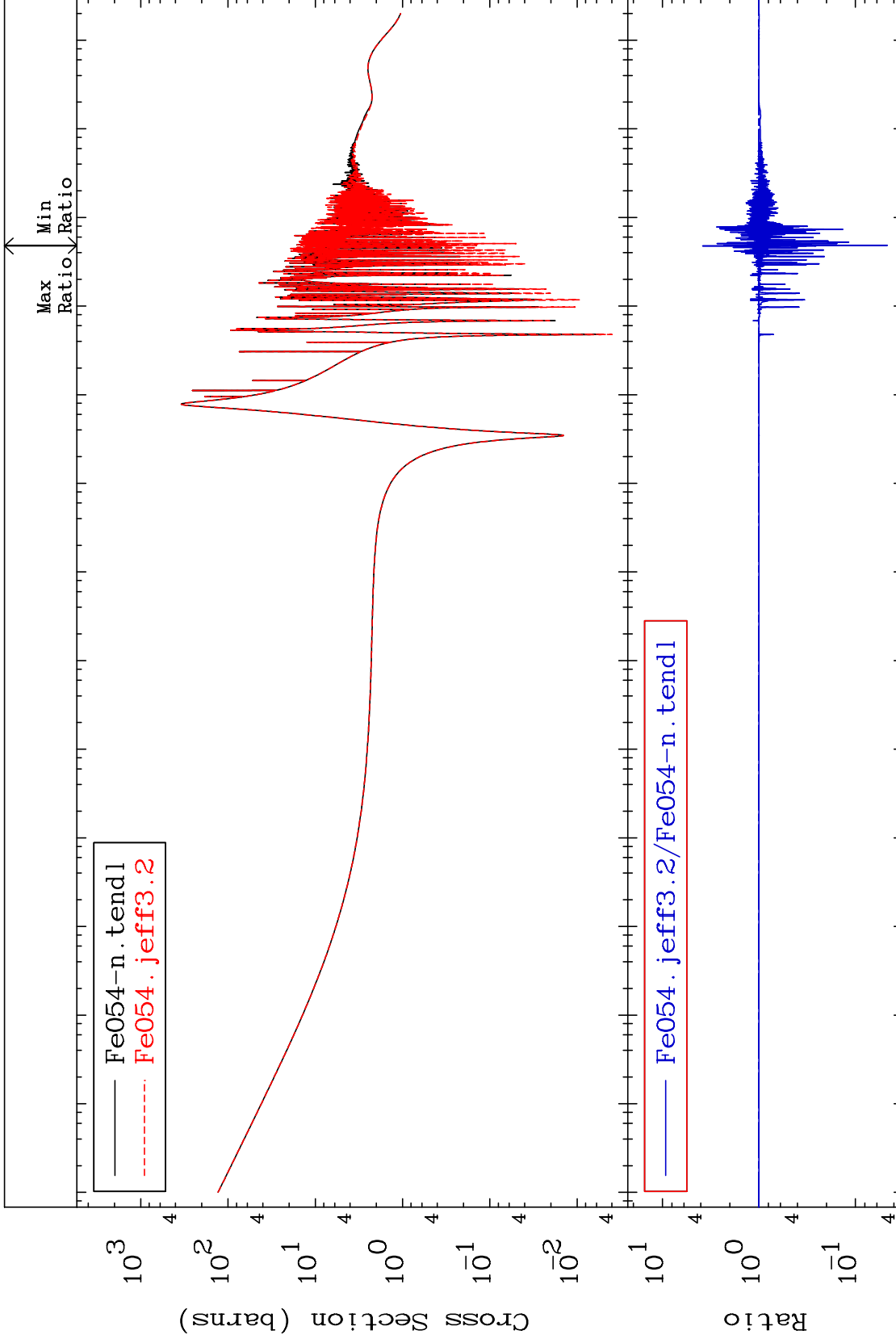


MAT 2625

Total
Cross Section

26-Fe-54
-95.34 To 284.3 %



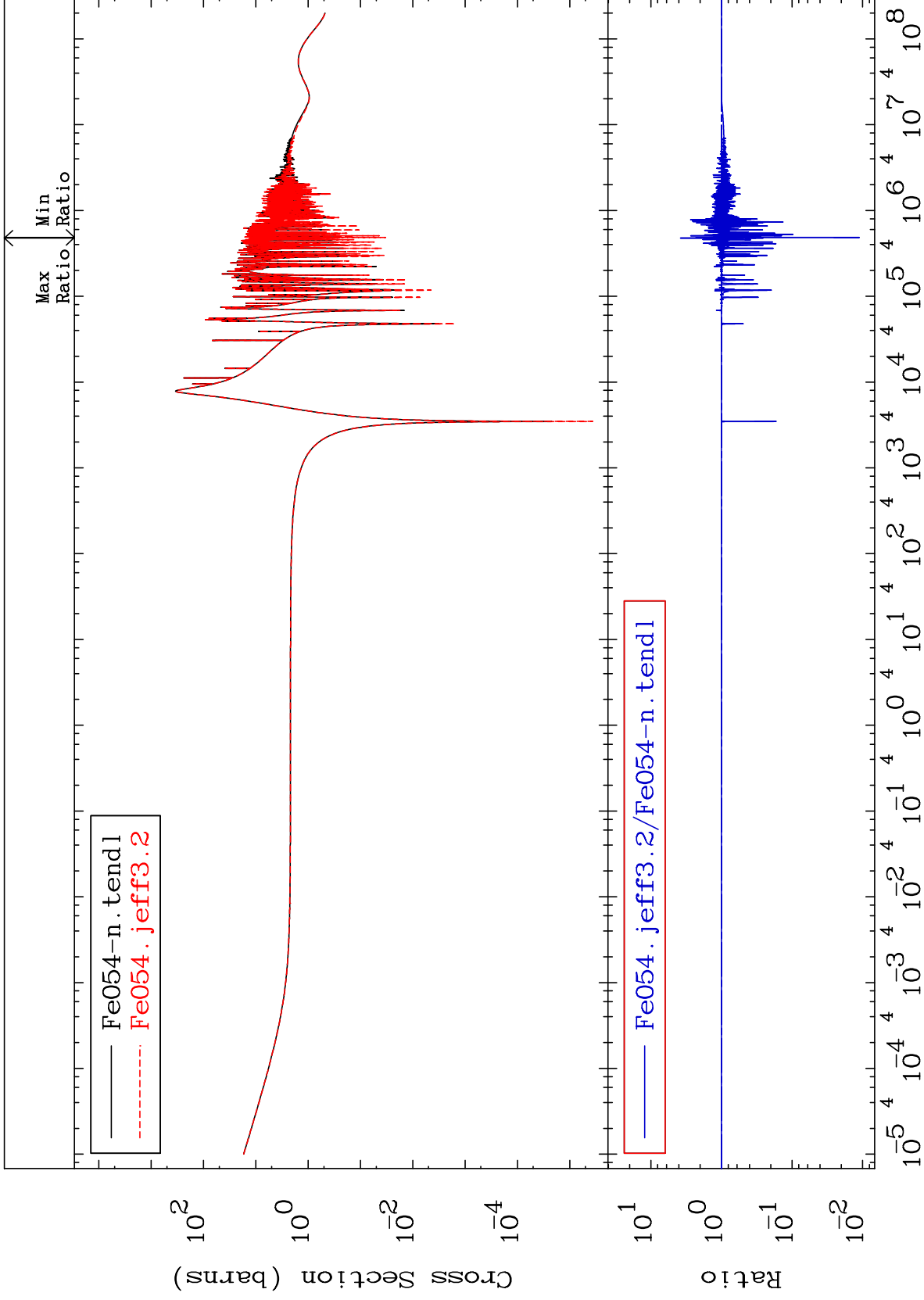
Incident Energy (eV)

26-Fe-54

MAT 2625

Elastic
Cross Section

26-Fe-54
-98.89 To 281.6 %



Incident Energy (eV)

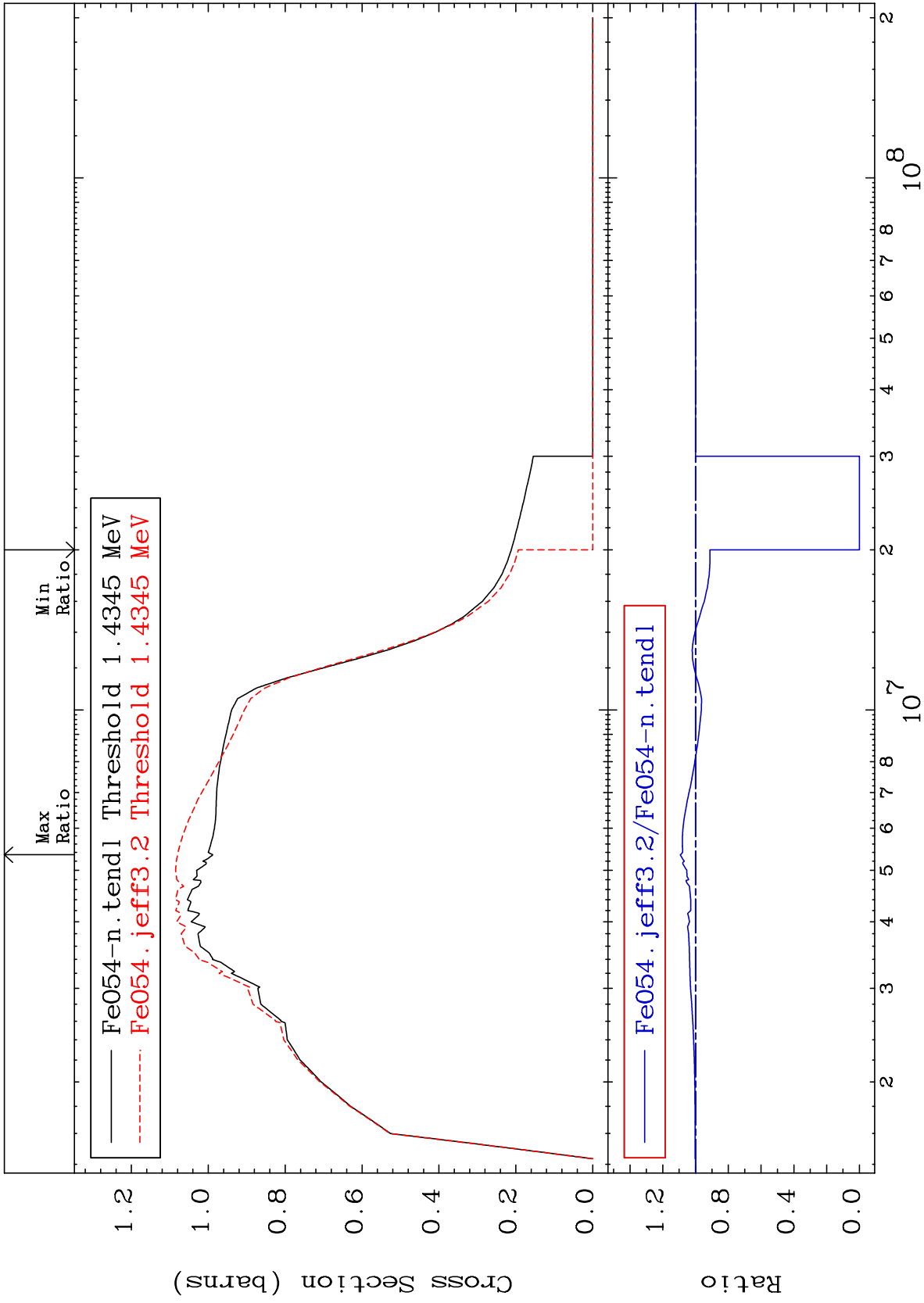
26-Fe-54

2

MAT 2625

Inelastic
Cross Section

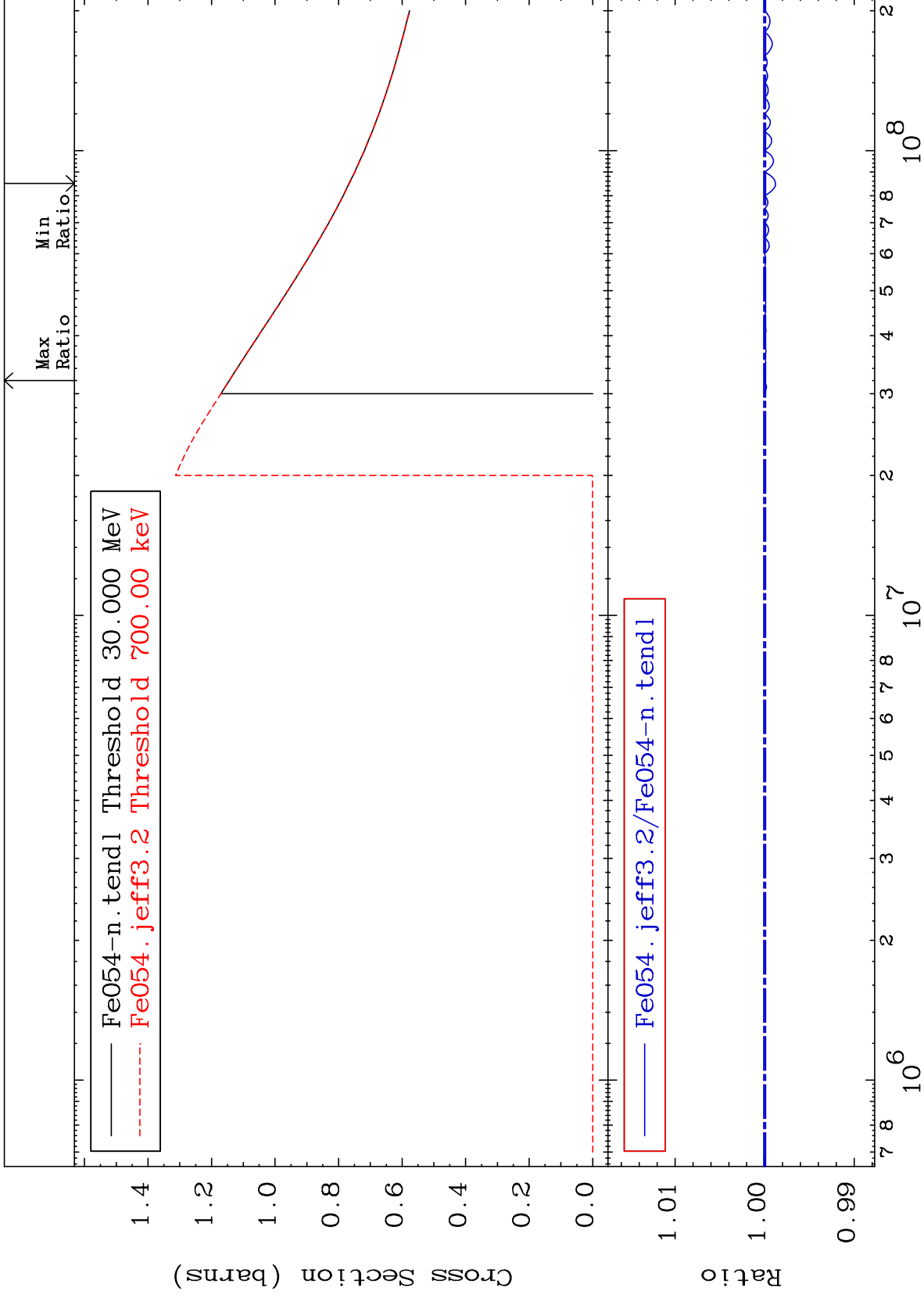
²⁶Fe-54
-100.0 To 9.255 %



MAT 2625

(n, remainder)
Cross Section

²⁶Fe-54
-0.121 To 0.003 %



Incident Energy (eV)

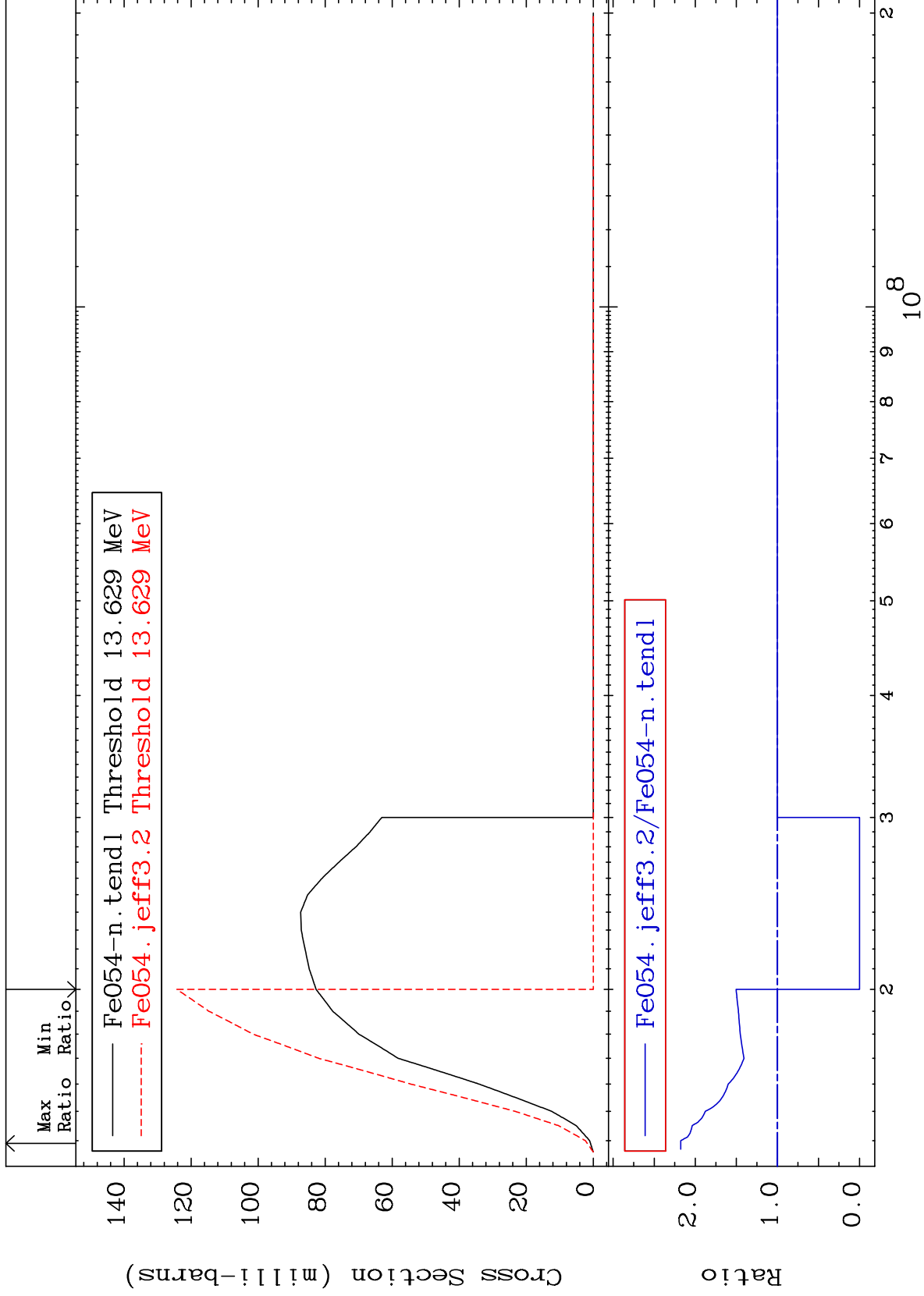
²⁶Fe-54

4

MAT 2625

(n,2n)
Cross Section

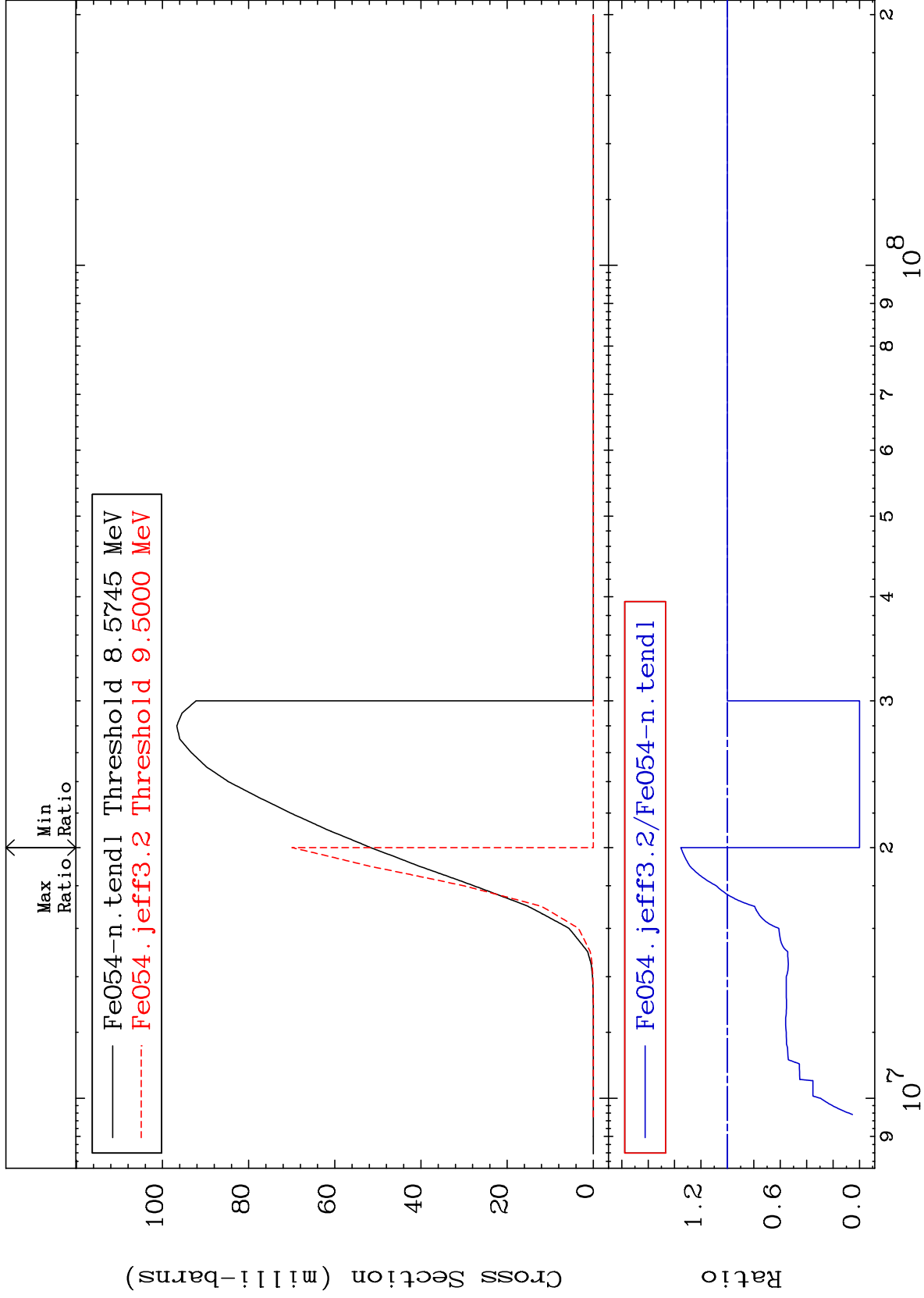
²⁶Fe-54
-100.0 To 117.7 %



MAT 2625

(n,n') α
Cross Section

²⁶Fe-54
-100.0 To 35.31 %



6

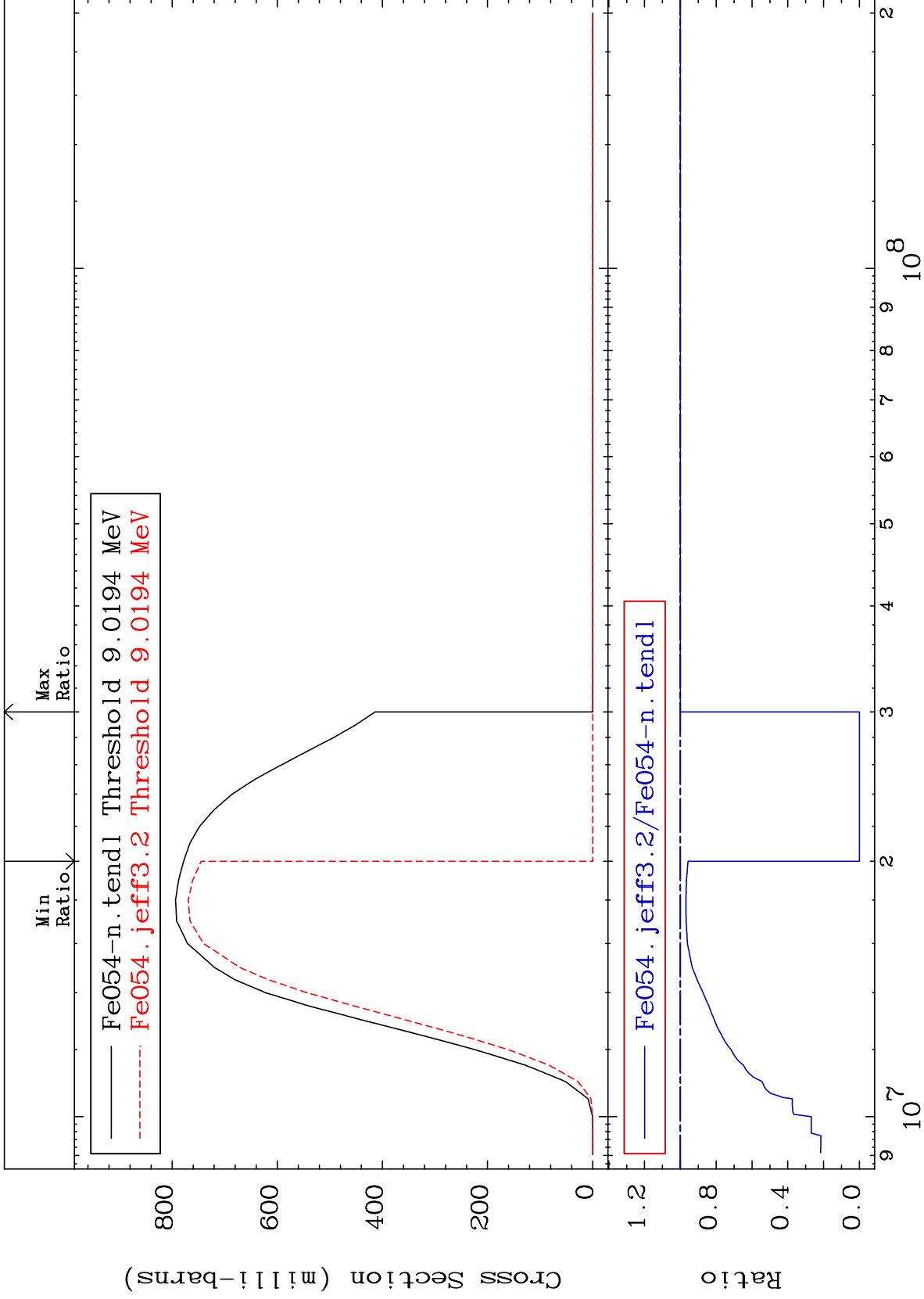
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, n') p
Cross Section

²⁶Fe-54
-100.0 To 0.000 %



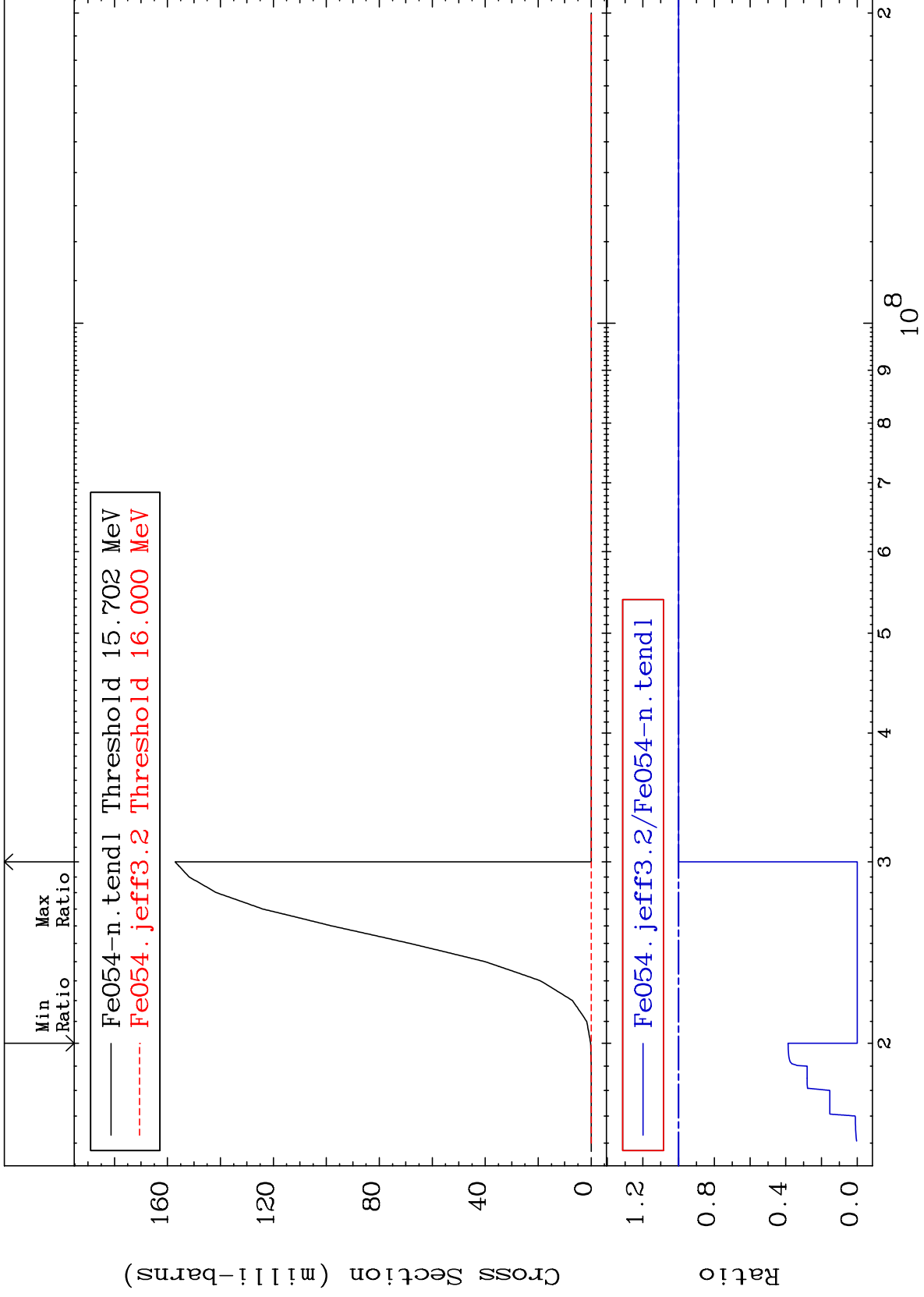
26-Fe-54

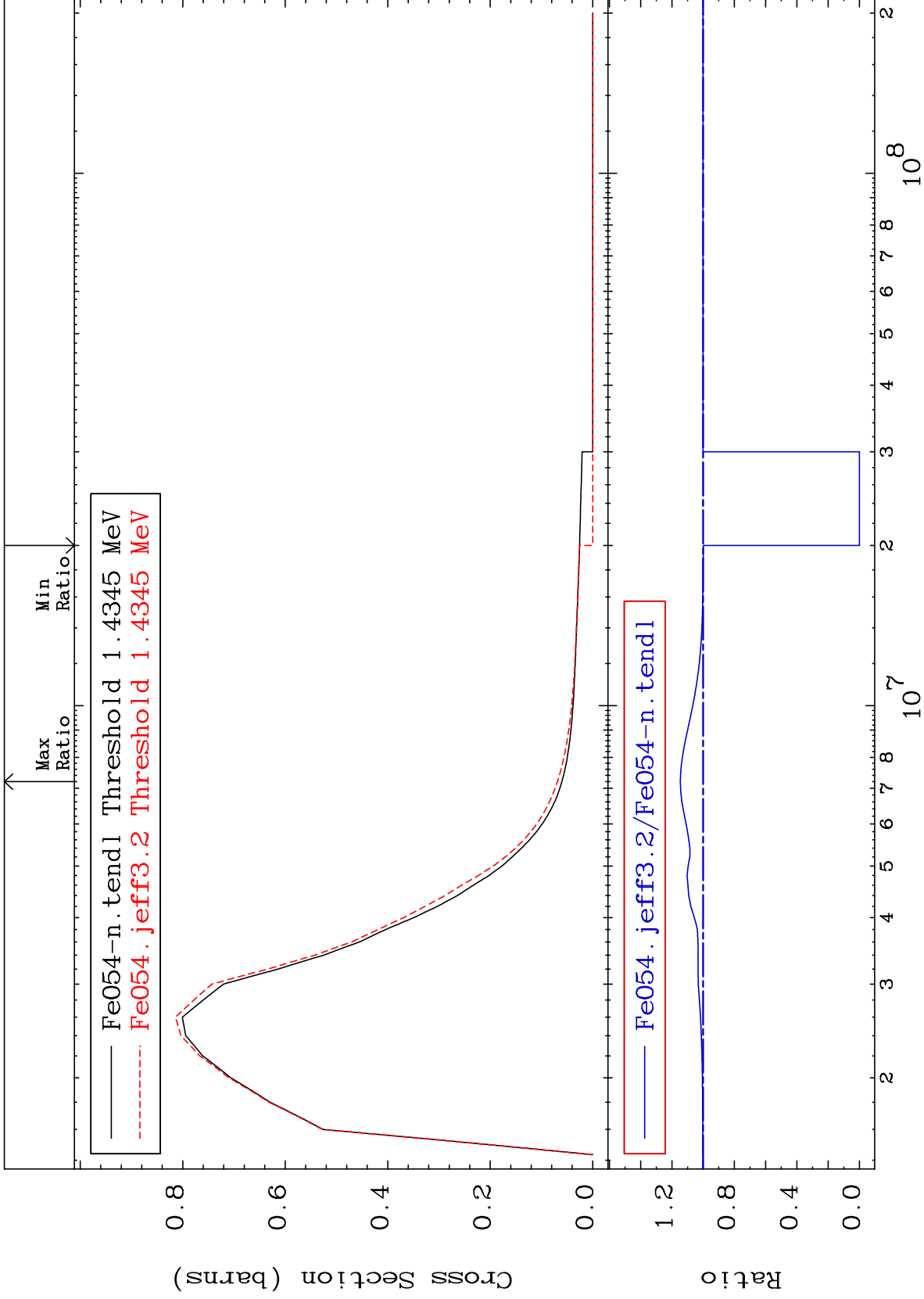
26-Fe-54

MAT 2625

(n,2n) p
Cross Section

26-Fe-54
-100.0 To 0.000 %





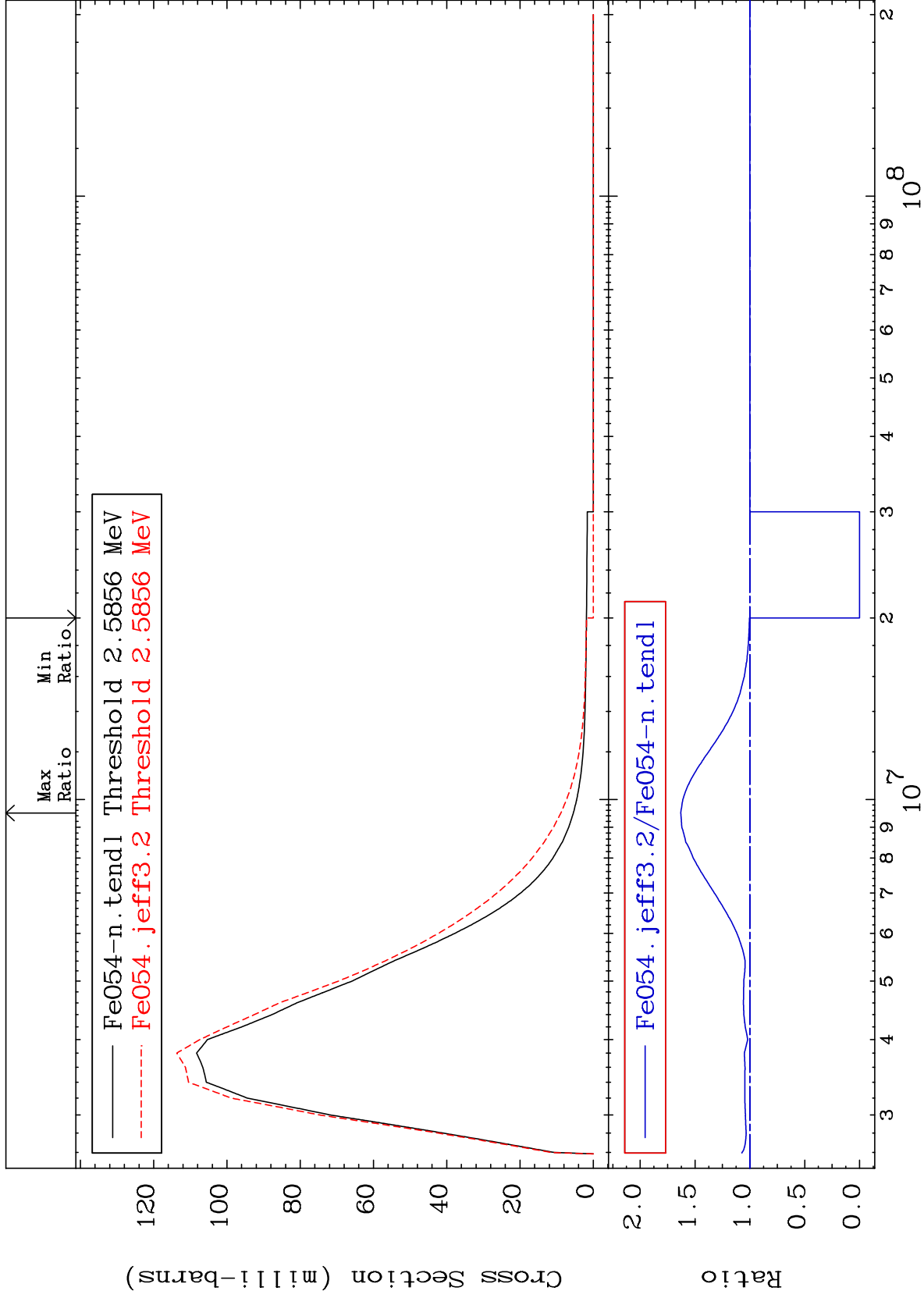
MAT 2625

2.538 MeV (n,n') Level

²⁶Fe-54

-100.0 To 63.01 %

Cross Section



10

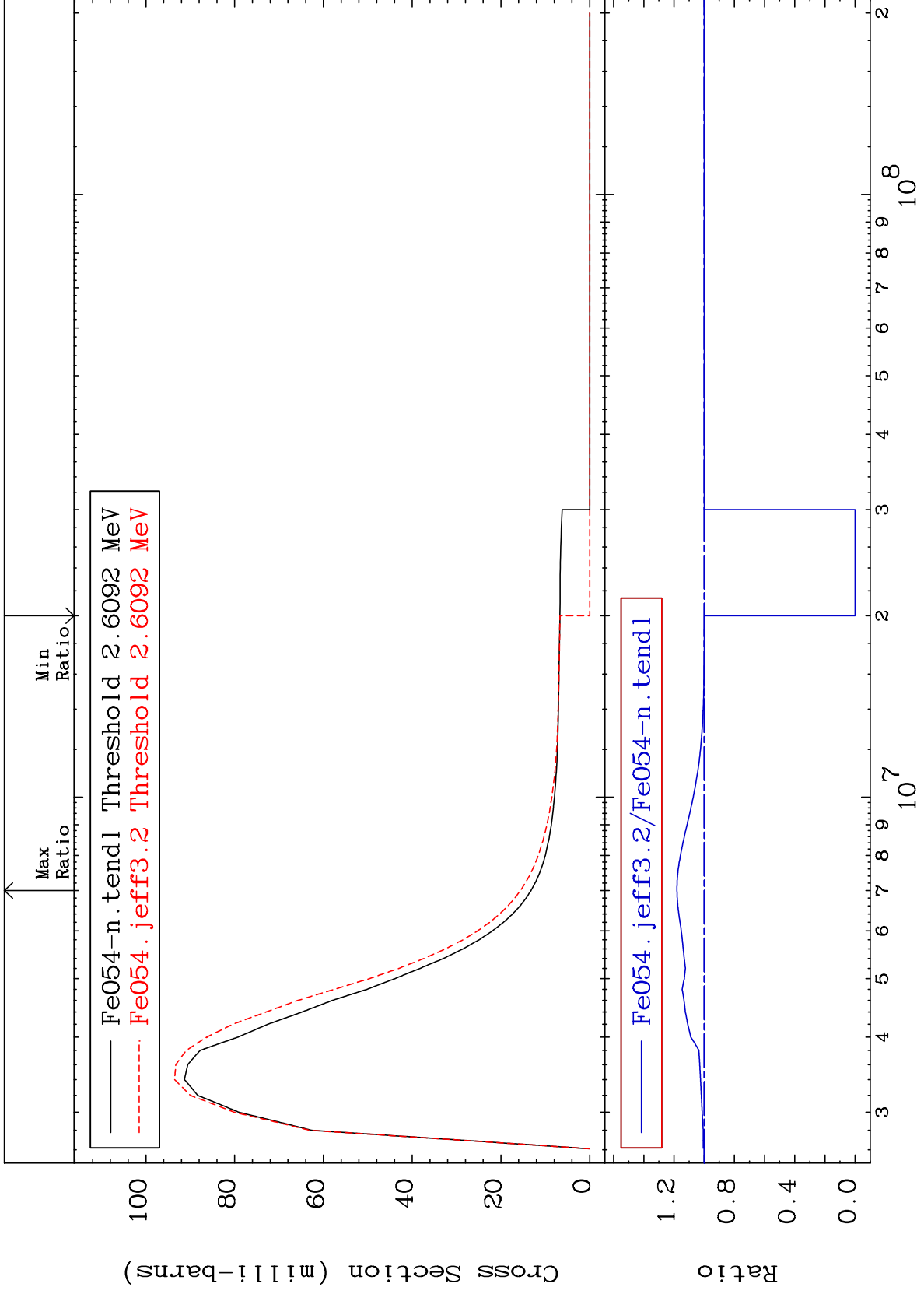
Incident Energy (eV)

²⁶Fe-54

MAT 2625

2.561 MeV (n,n') Level
Cross Section

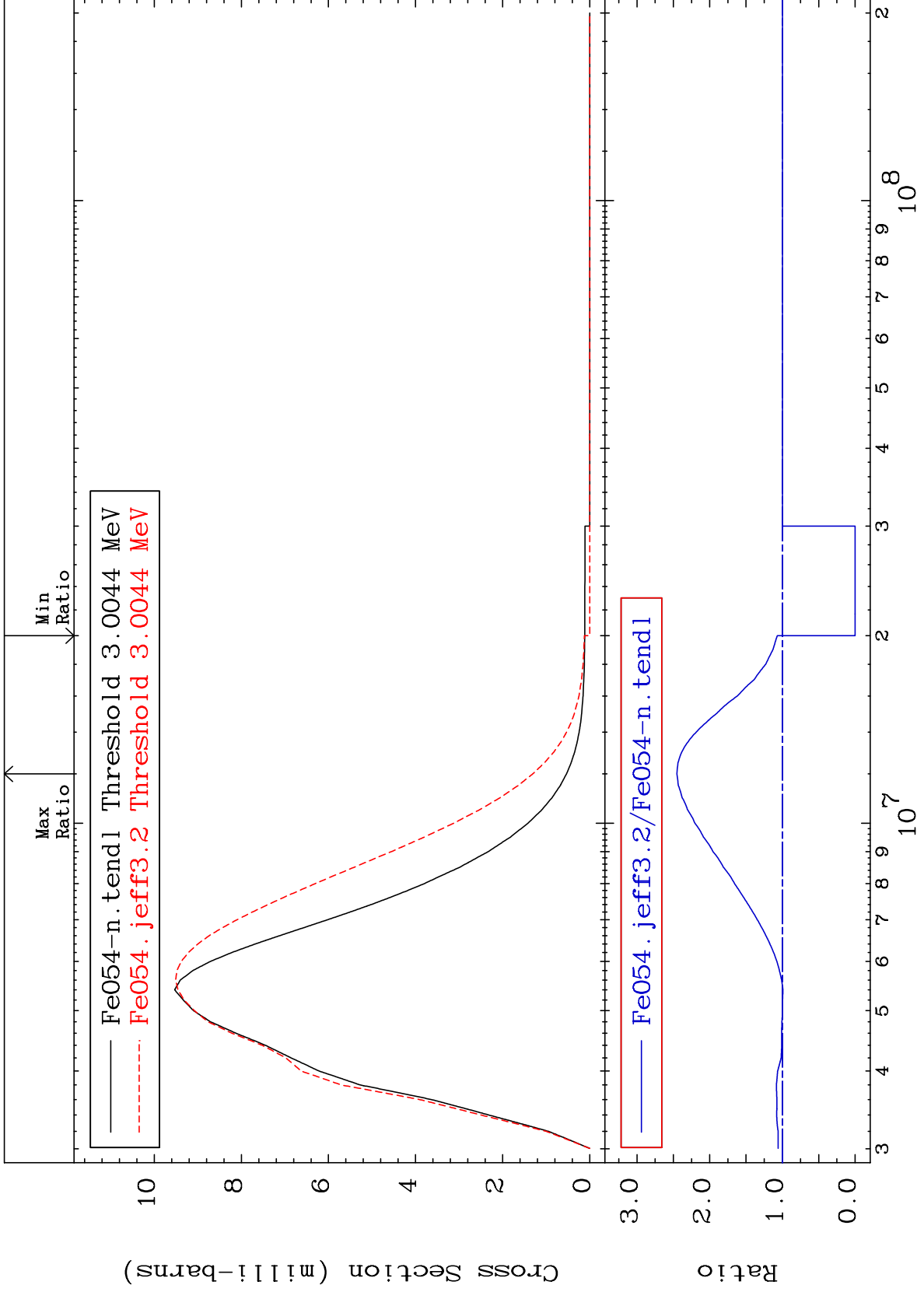
²⁶Fe-54
-100.0 To 18.06 %



MAT 2625

2.949 MeV (n,n') Level
Cross Section

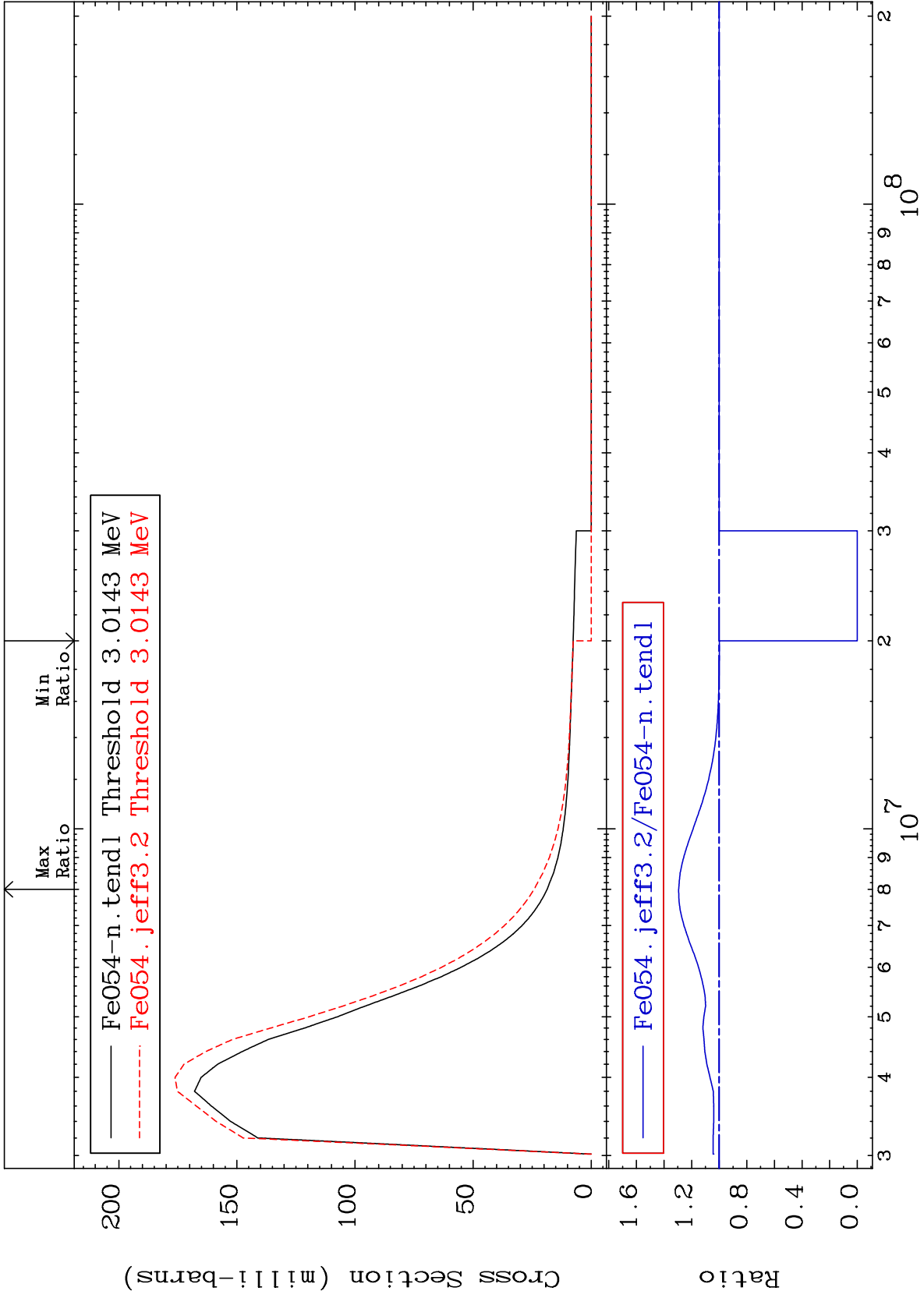
²⁶Fe-54
-100.0 To 145.1 %



MAT 2625

2.959 MeV (n,n') Level
Cross Section

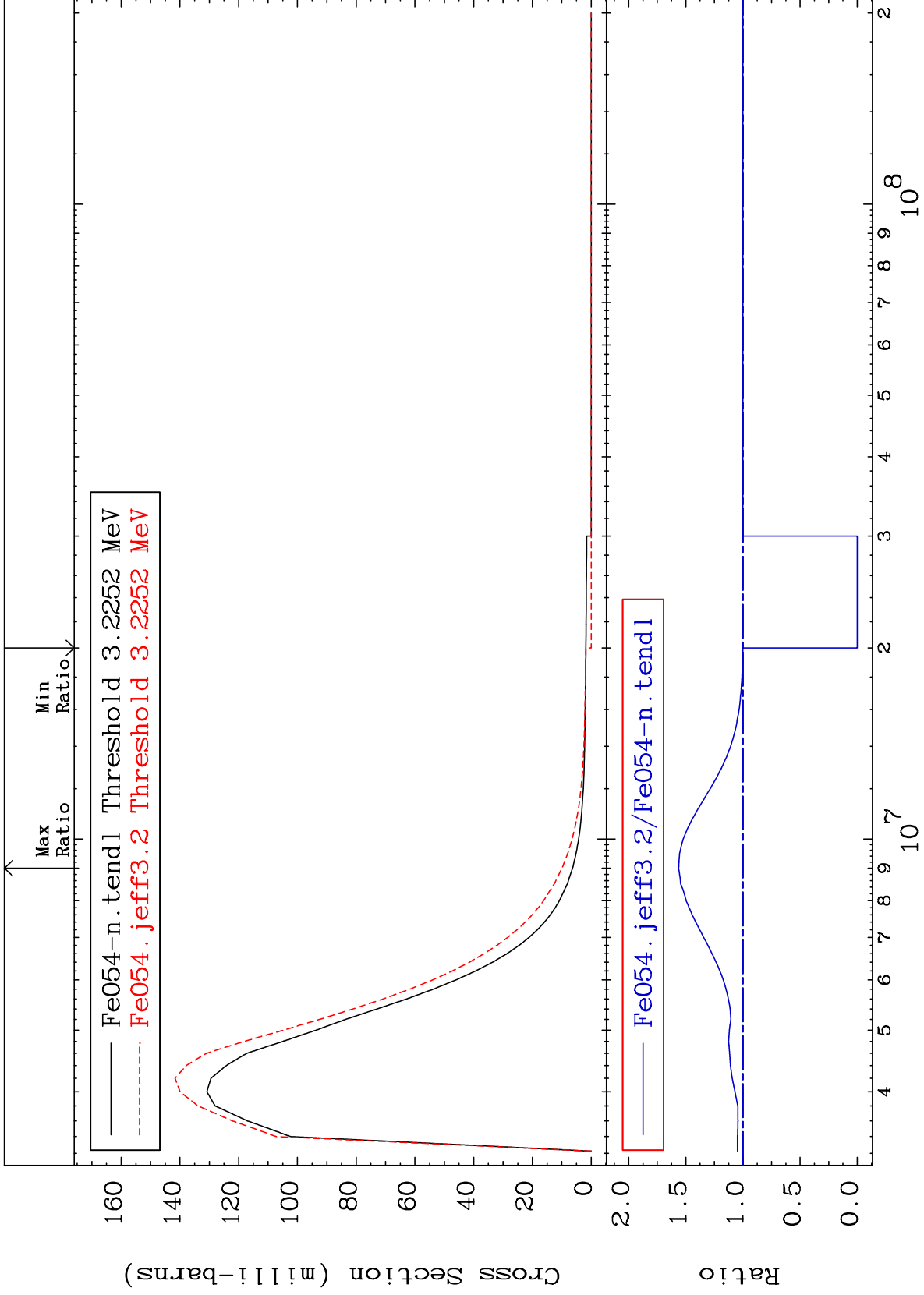
26-Fe-54
-100.0 To 29.40 %



MAT 2625

3.166 MeV (n,n') Level
Cross Section

²⁶Fe-54
-100.0 To 56.28 %



14

Incident Energy (eV)

²⁶Fe-54

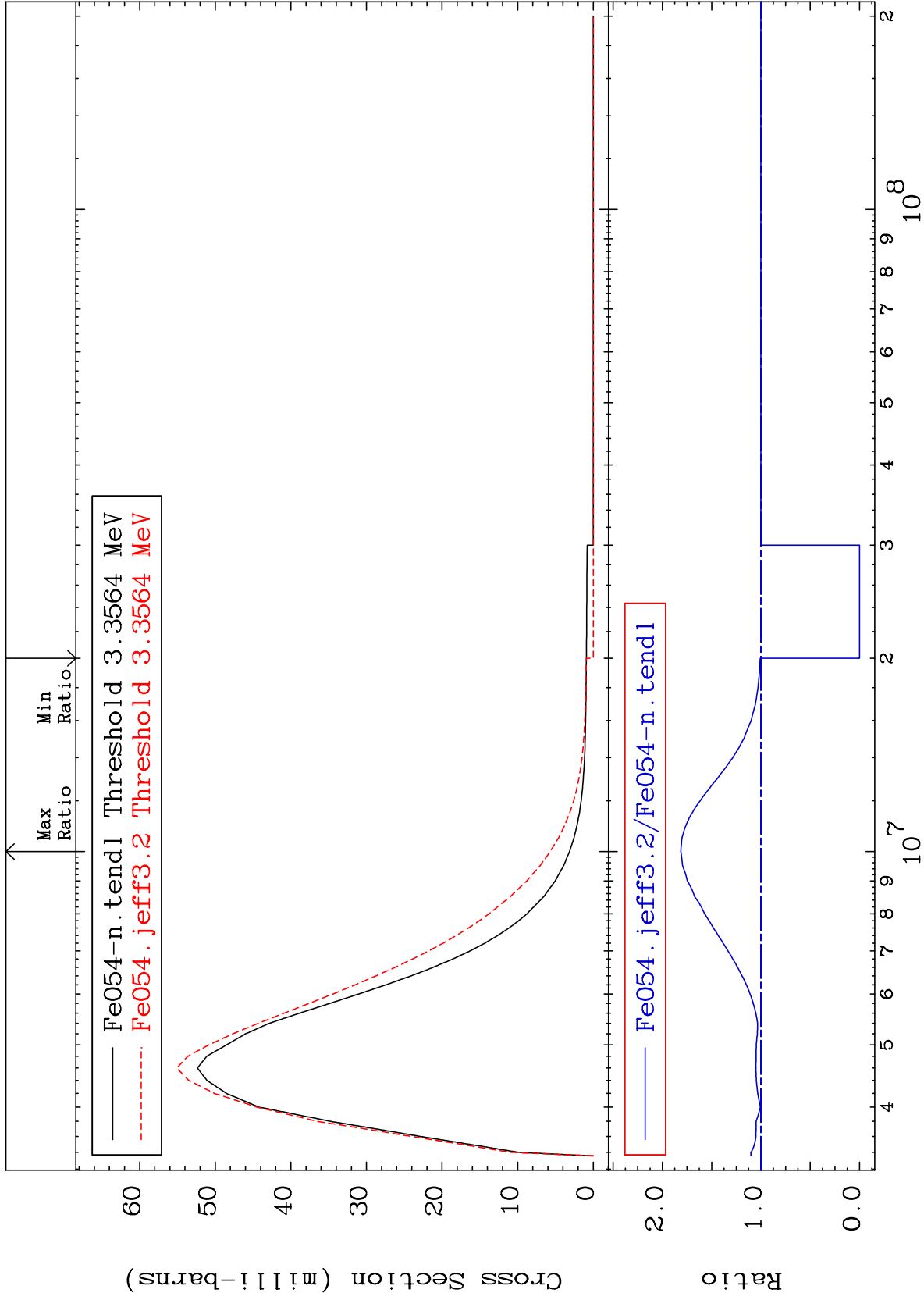
MAT 2625

3.295 MeV (n,n') Level

²⁶Fe-54

-100.0 To 81.33 %

Cross Section



15

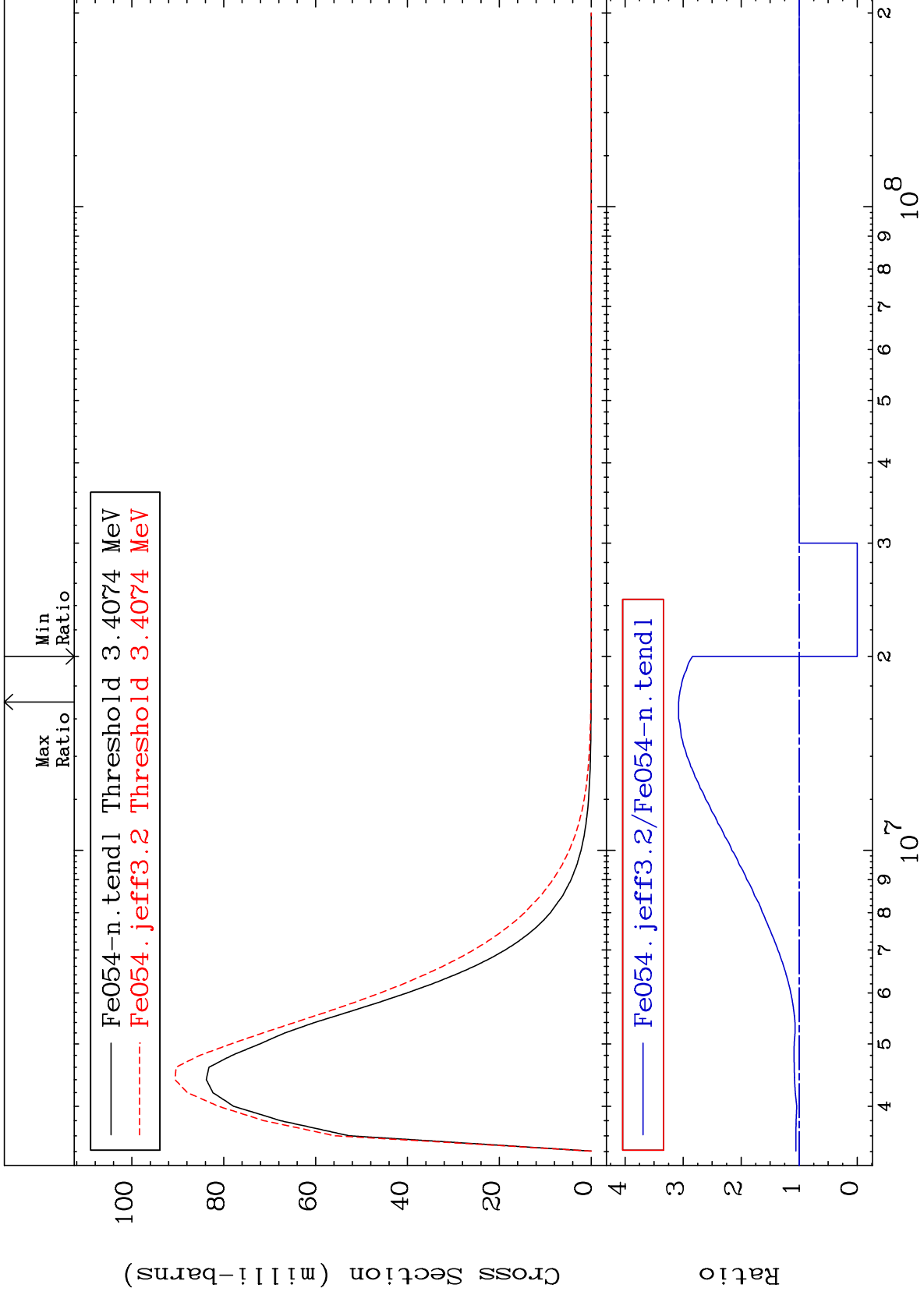
Incident Energy (eV)

²⁶Fe-54

MAT 2625

3.345 MeV (n,n') Level
Cross Section

26-Fe-54
-100.0 To 207.7 %



16

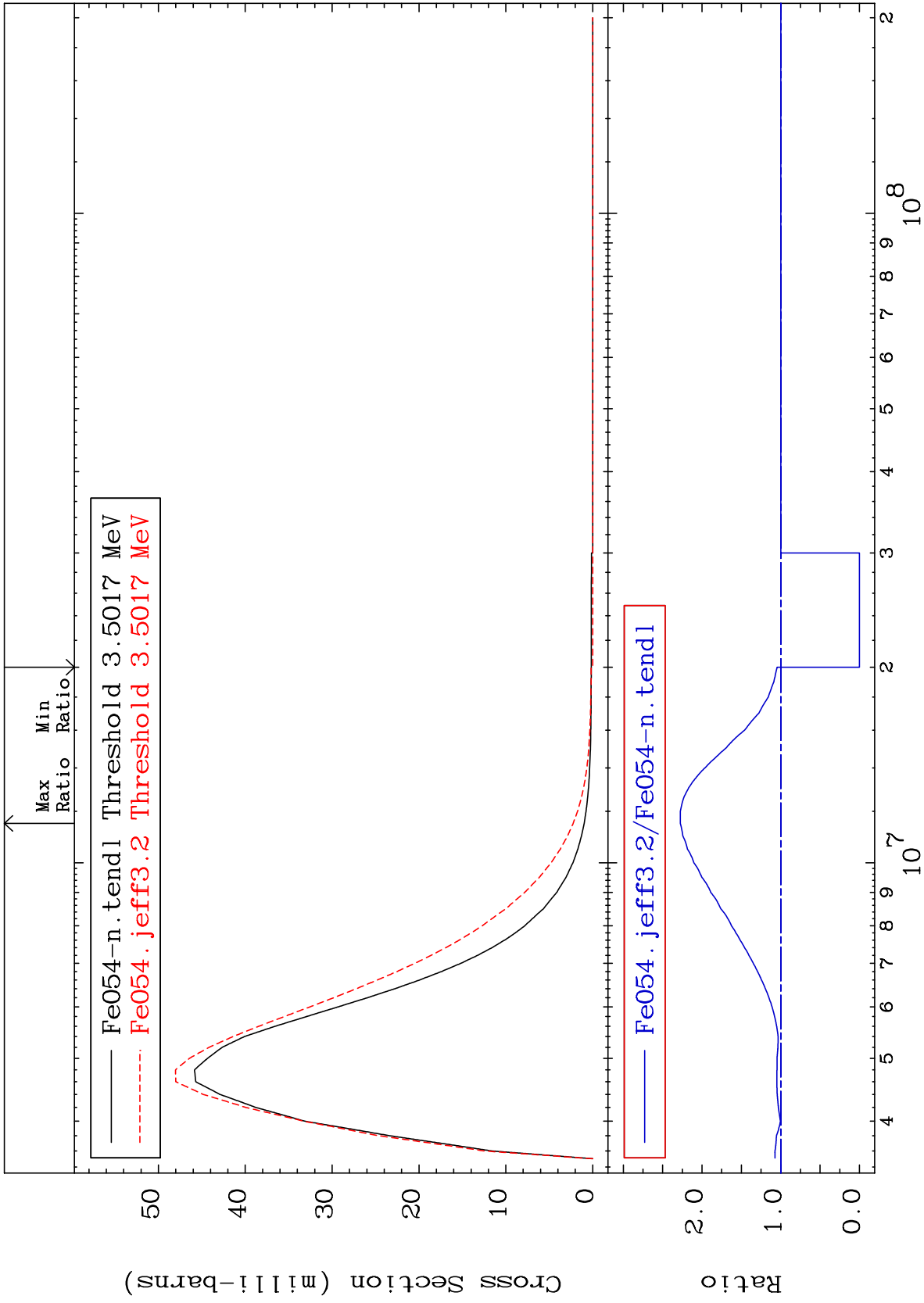
Incident Energy (eV)

26-Fe-54

MAT 2625

3.437 MeV (n,n') Level
Cross Section

26-Fe-54
-100.0 To 127.5 %



17

Incident Energy (eV)

26-Fe-54

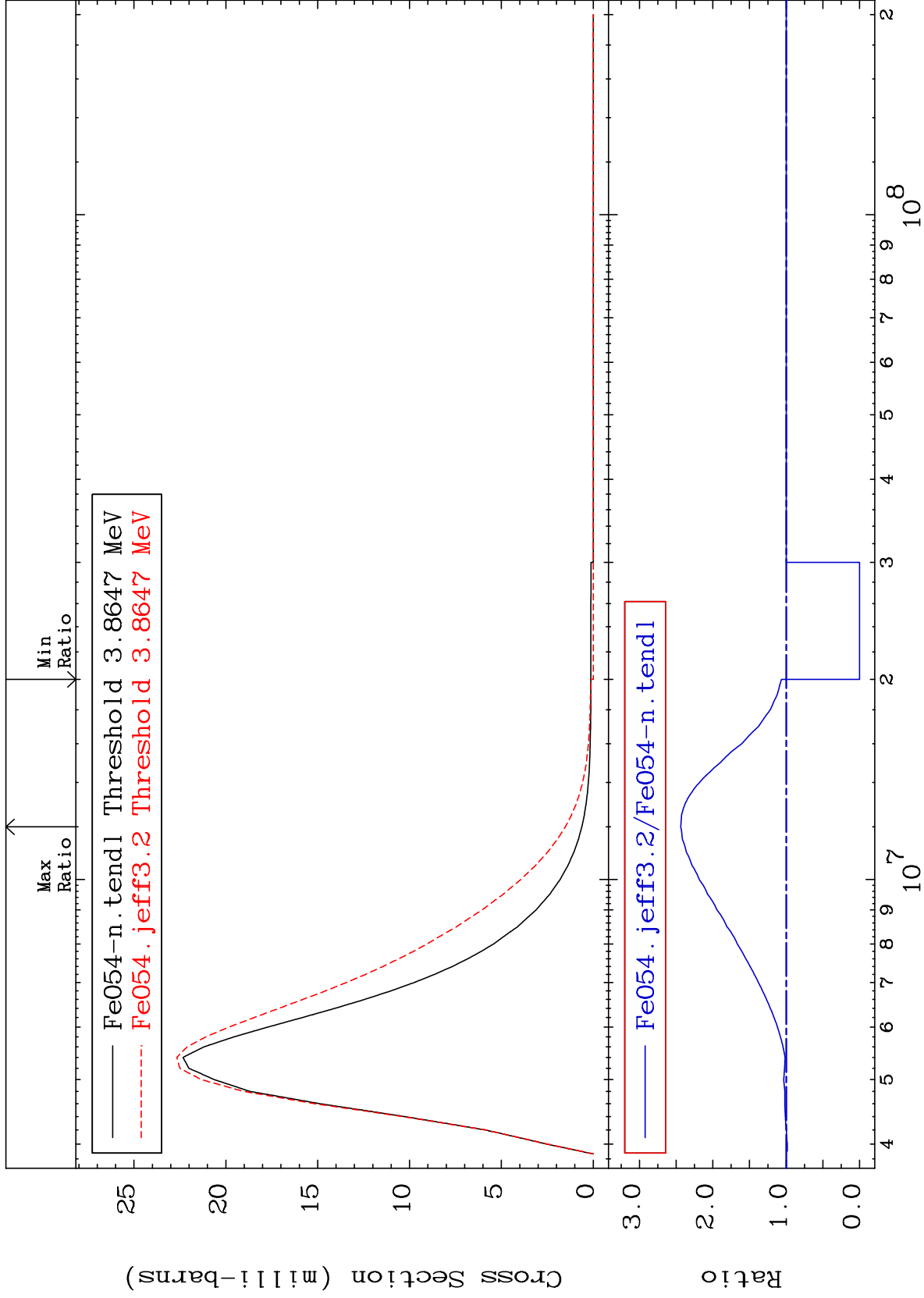
MAT 2625

3.794 MeV (n,n') Level

²⁶Fe-54

-100.0 To 143.7 %

Cross Section



18

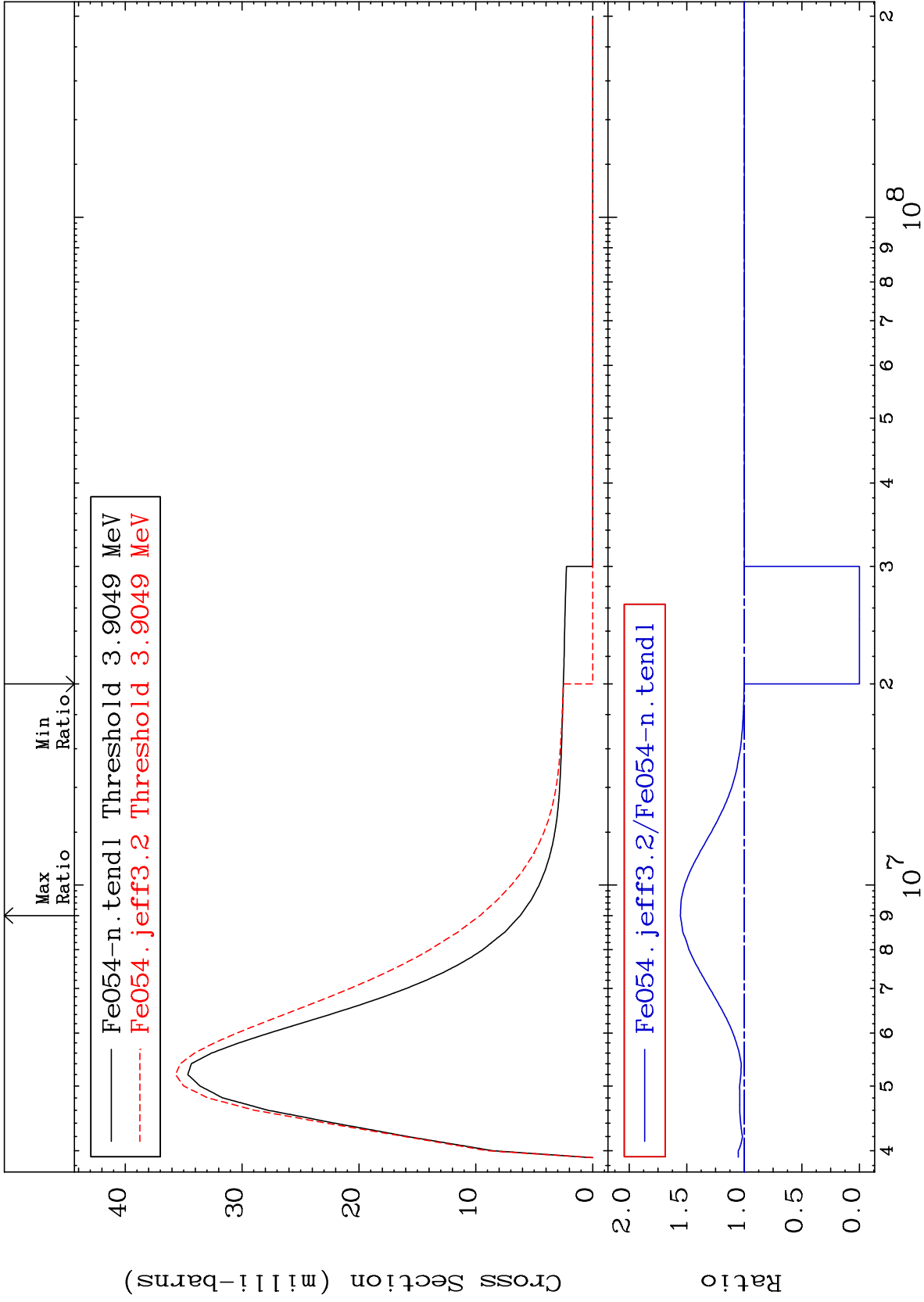
Incident Energy (eV)

²⁶Fe-54

MAT 2625

3.833 MeV (n,n') Level
Cross Section

²⁶Fe-54
-100.0 To 55.61 %



19

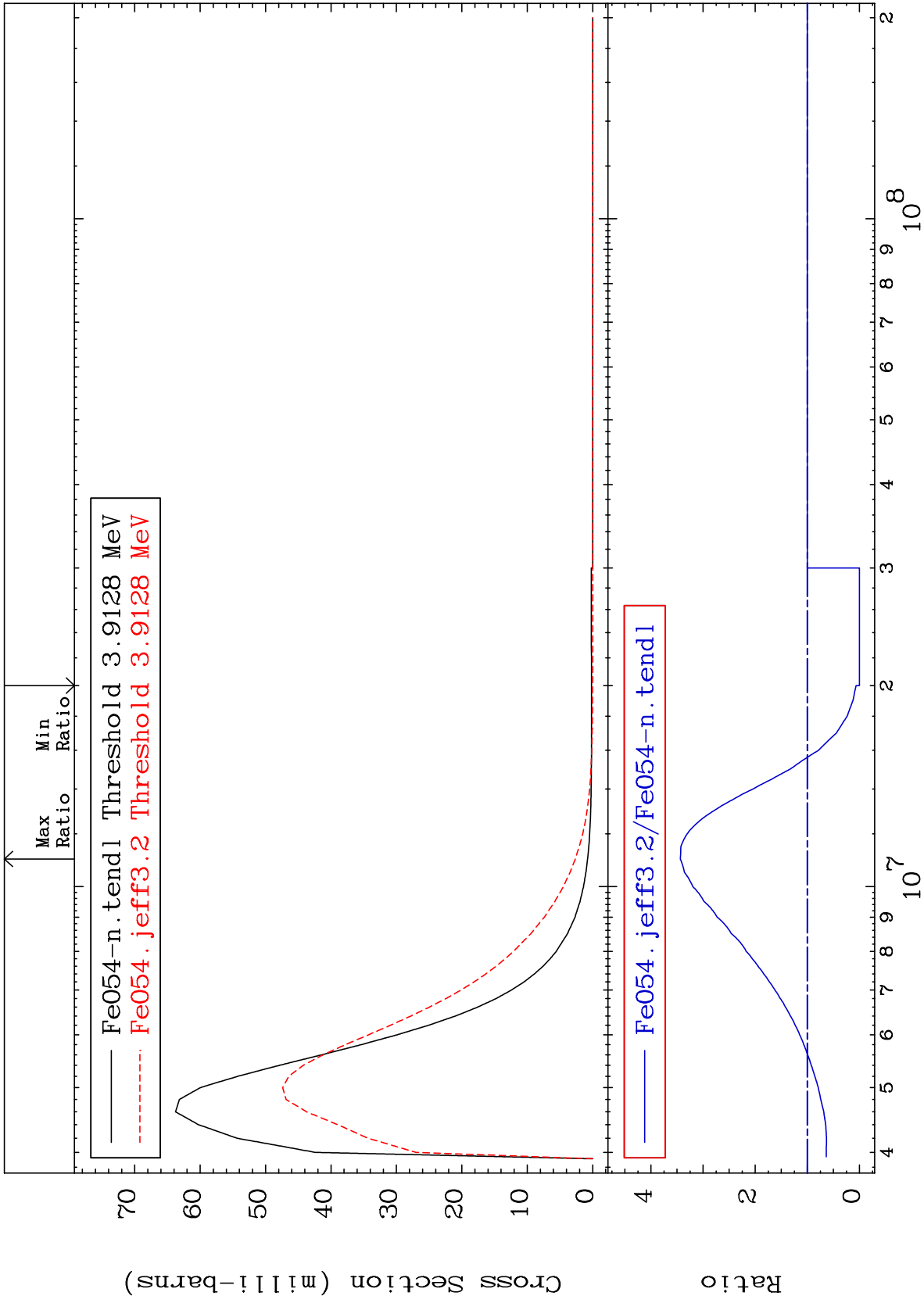
Incident Energy (eV)

²⁶Fe-54

MAT 2625

3.841 MeV (n,n') Level
Cross Section

²⁶Fe-54
-100.0 To 243.6 %



20

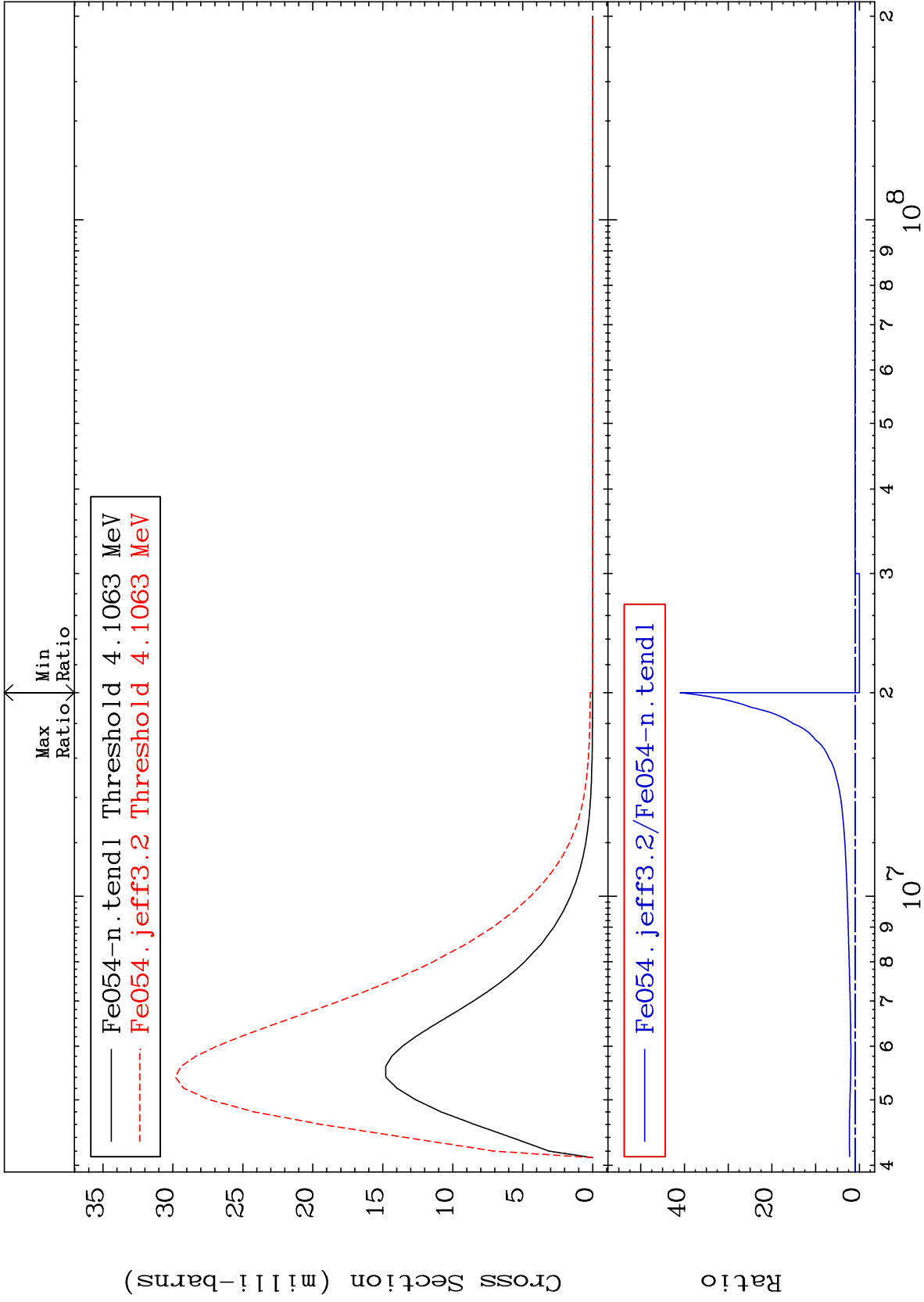
Incident Energy (eV)

²⁶Fe-54

MAT 2625

4.031 MeV (n,n') Level
Cross Section

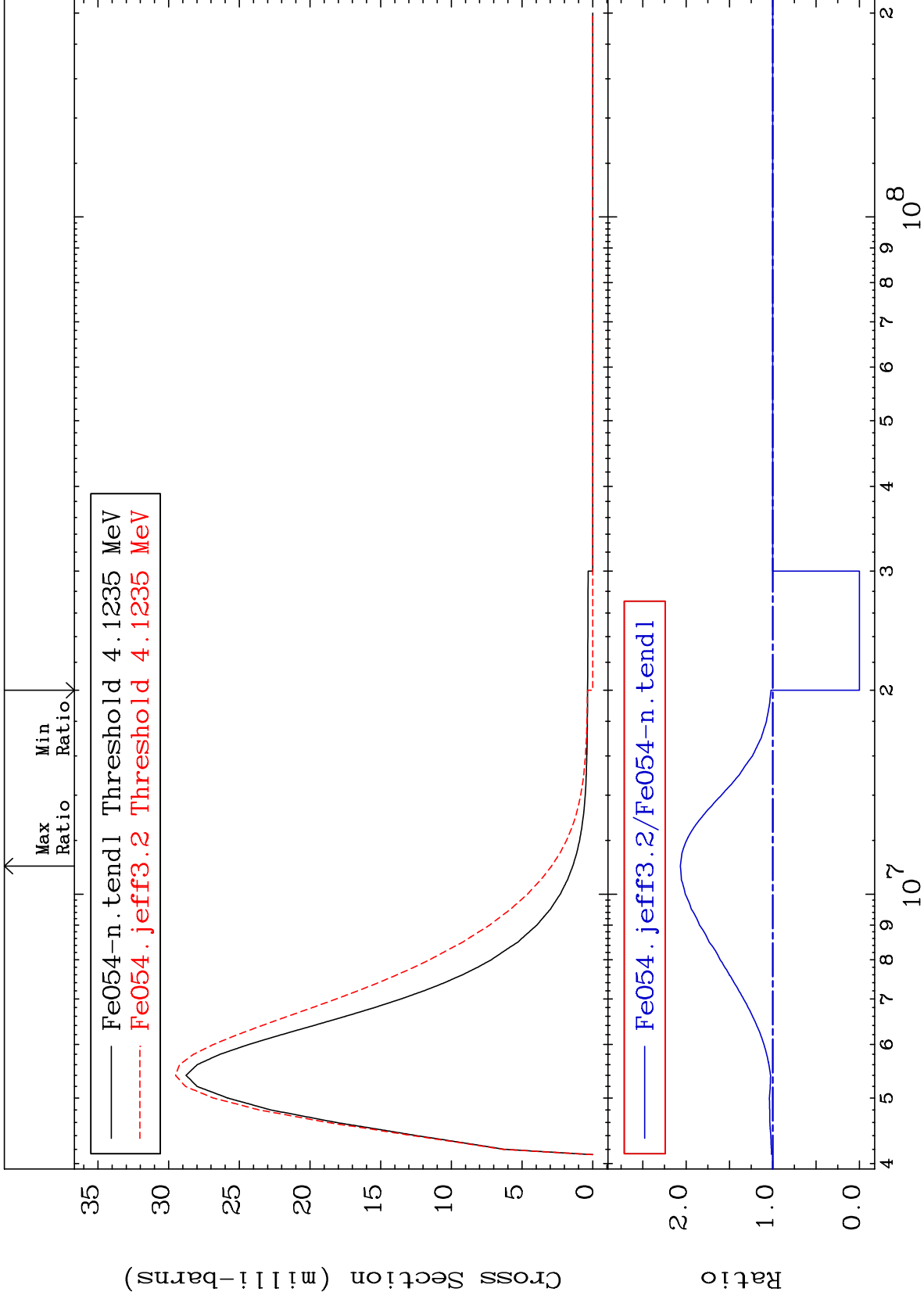
26-Fe-54
-100.0 To 3994. %

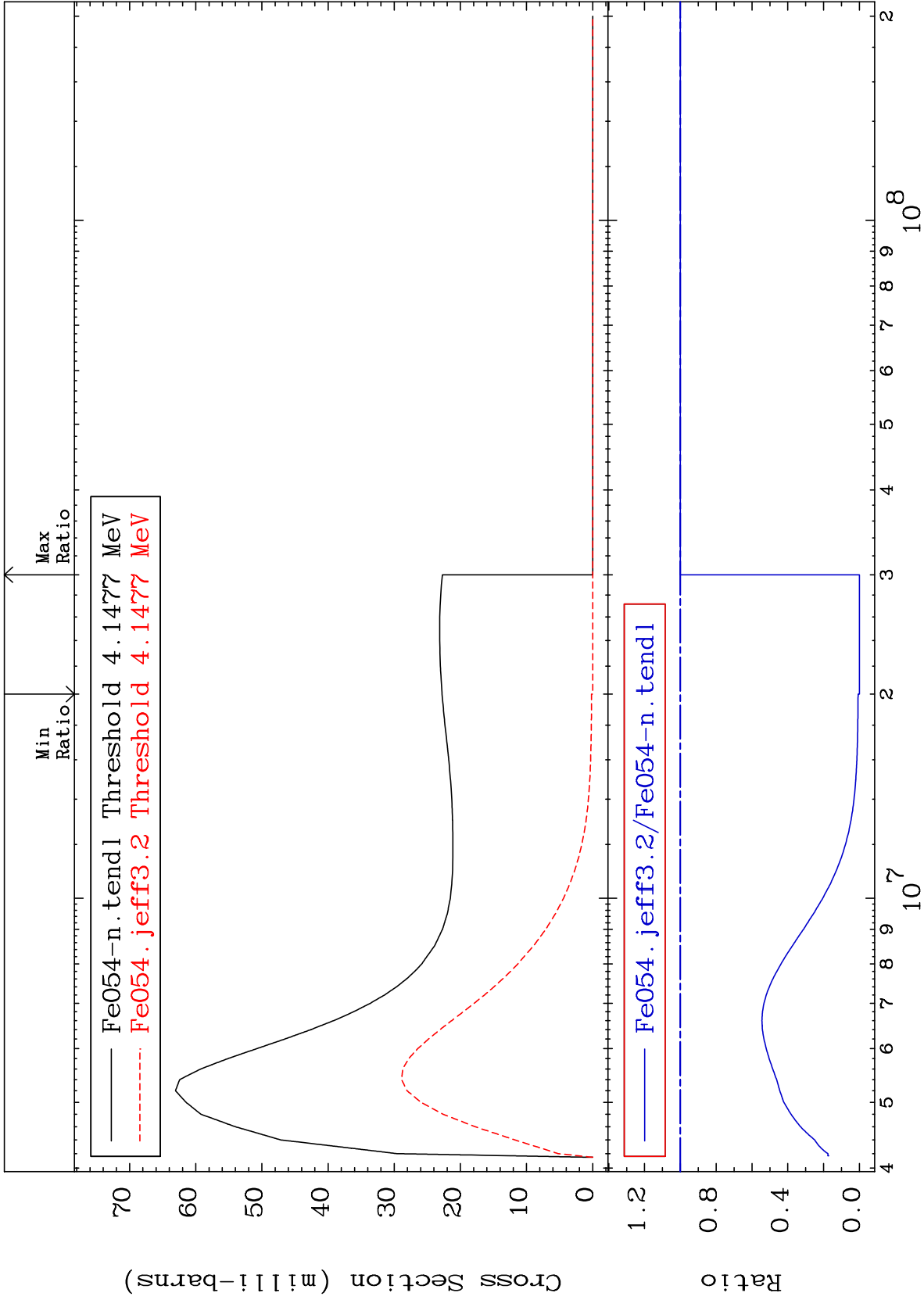


MAT 2625

4.048 MeV (n,n') Level
Cross Section

26-Fe-54
-100.0 To 106.7 %

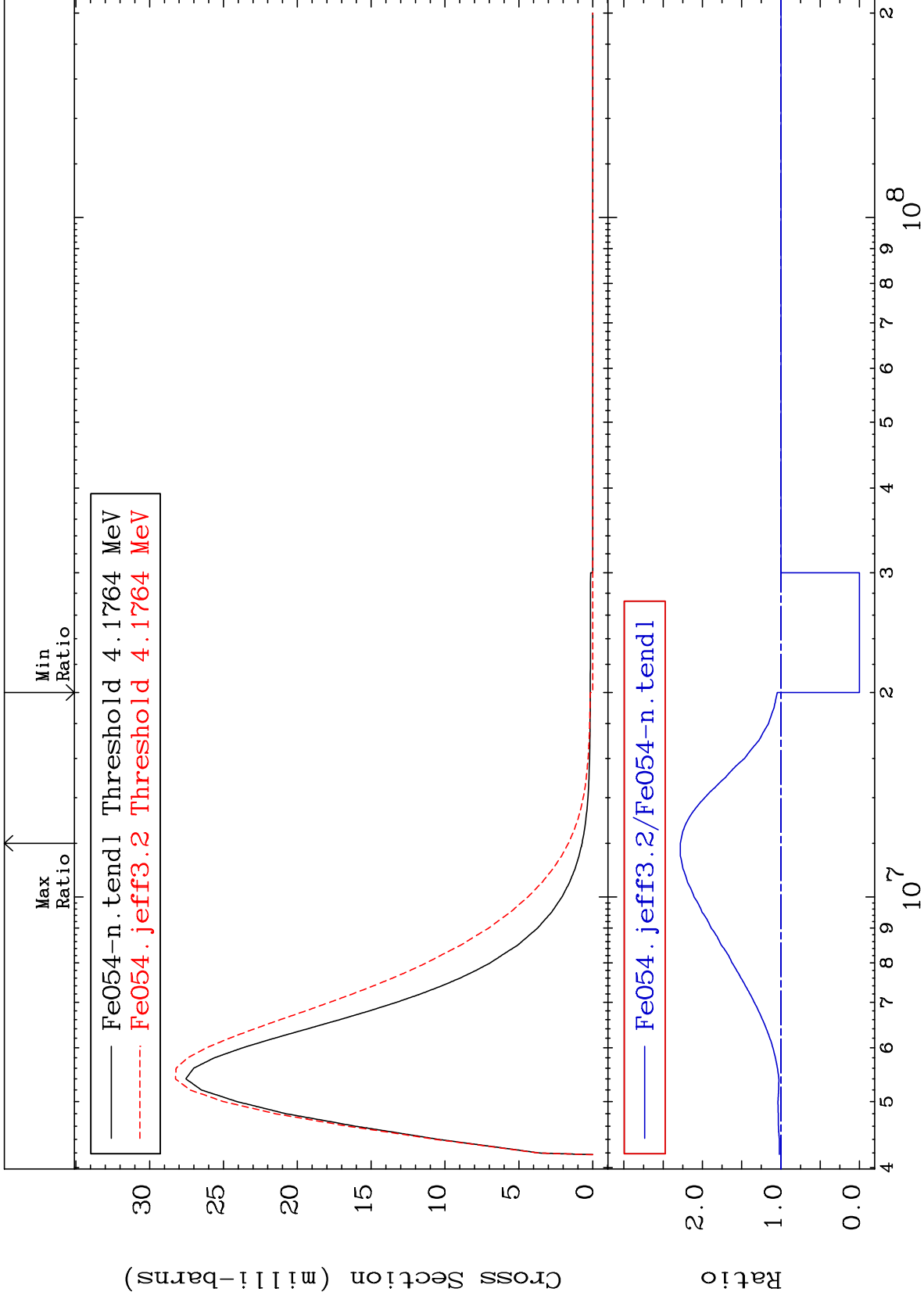




MAT 2625

4.100 MeV (n,n') Level
Cross Section

²⁶Fe-54
-100.0 To 128.1 %



24

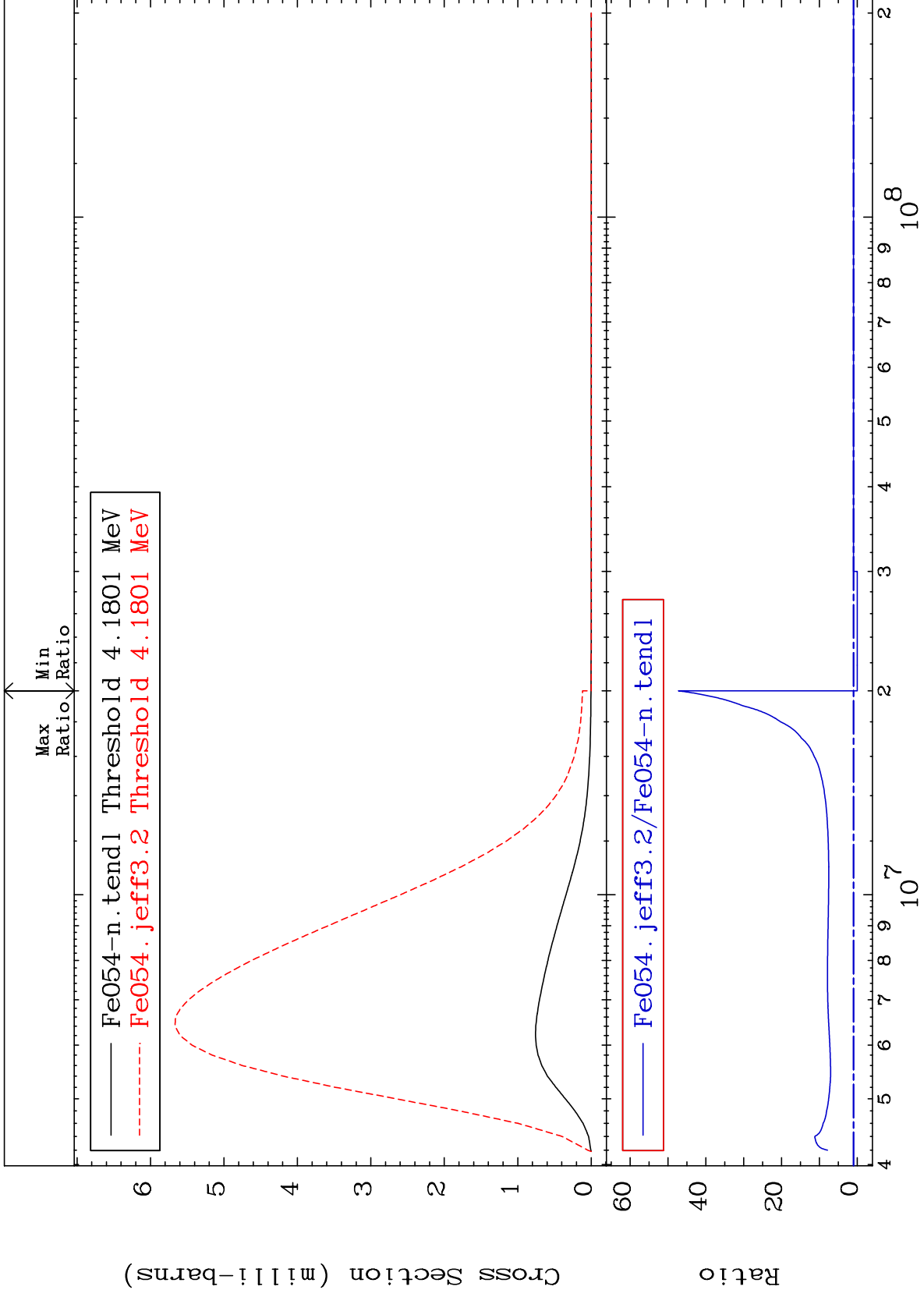
Incident Energy (eV)

²⁶Fe-54

MAT 2625

4.103 MeV (n,n') Level
Cross Section

²⁶Fe-54
-100.0 To 4619. %



25

Incident Energy (eV)

²⁶Fe-54

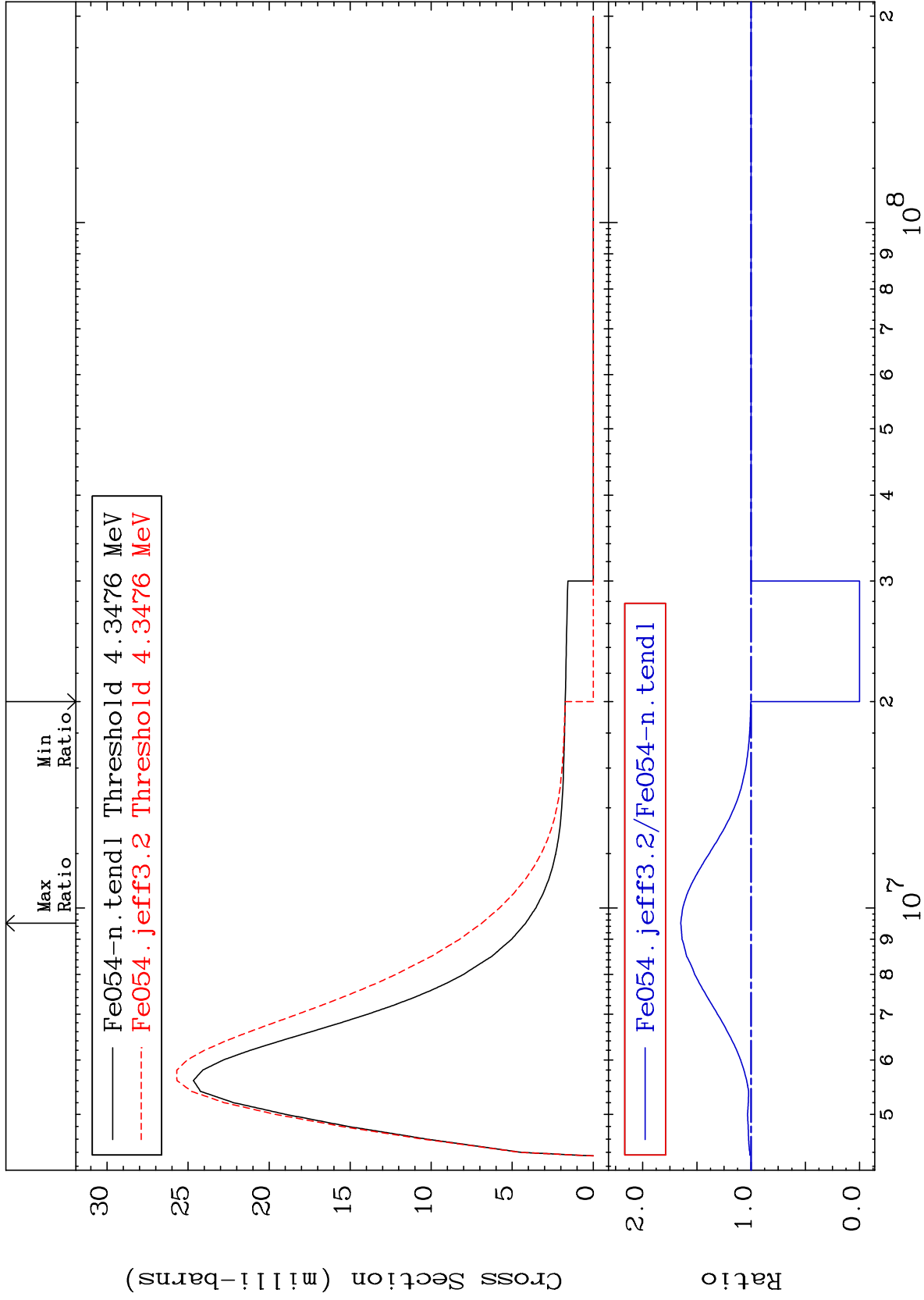
MAT 2625

4.268 MeV (n,n') Level

²⁶Fe-54

-100.0 To 64.89 %

Cross Section



26

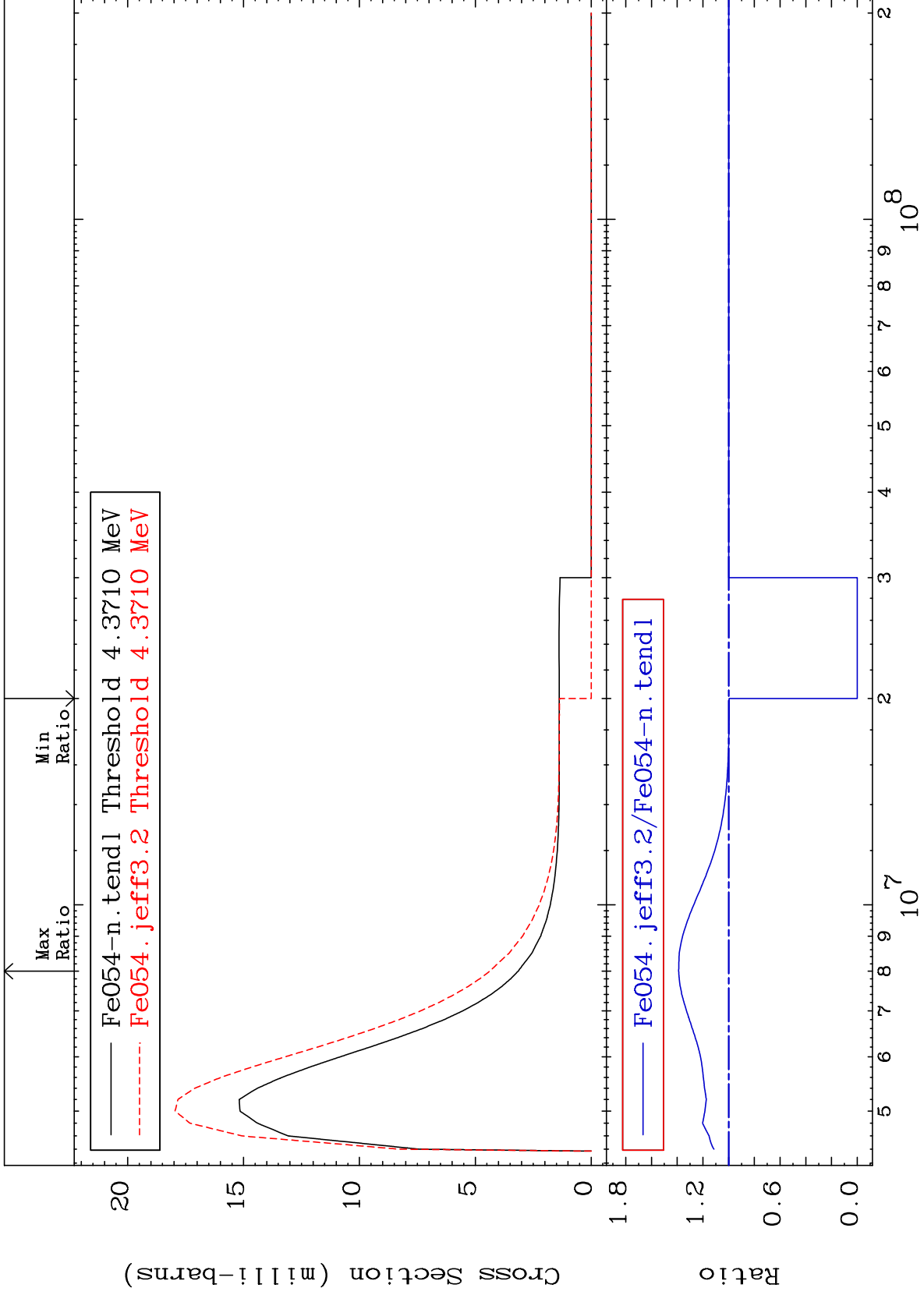
Incident Energy (eV)

²⁶Fe-54

MAT 2625

4.291 MeV (n,n') Level
Cross Section

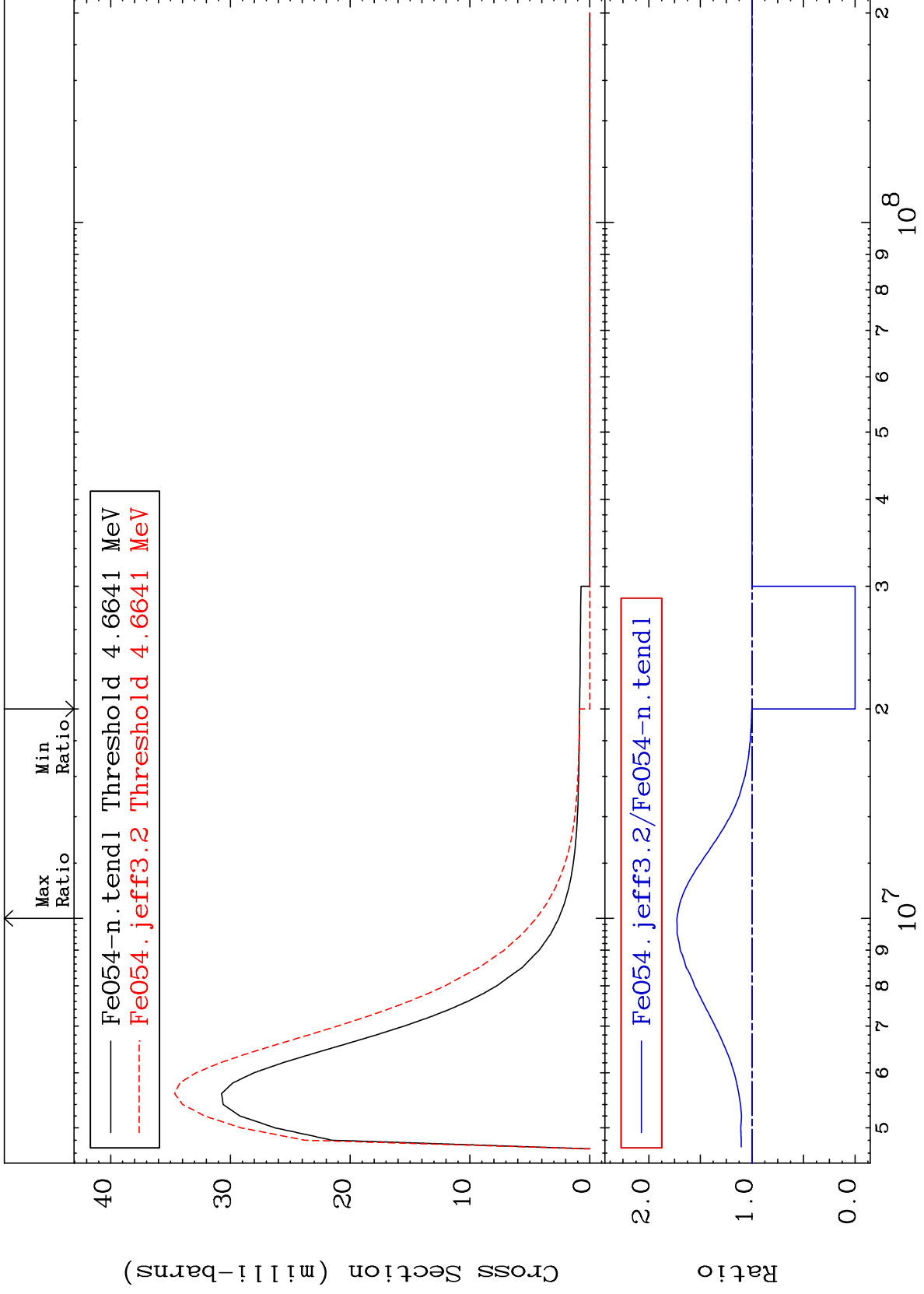
²⁶Fe-54
-100.0 To 38.89 %



MAT 2625

4.579 MeV (n,n') Level
Cross Section

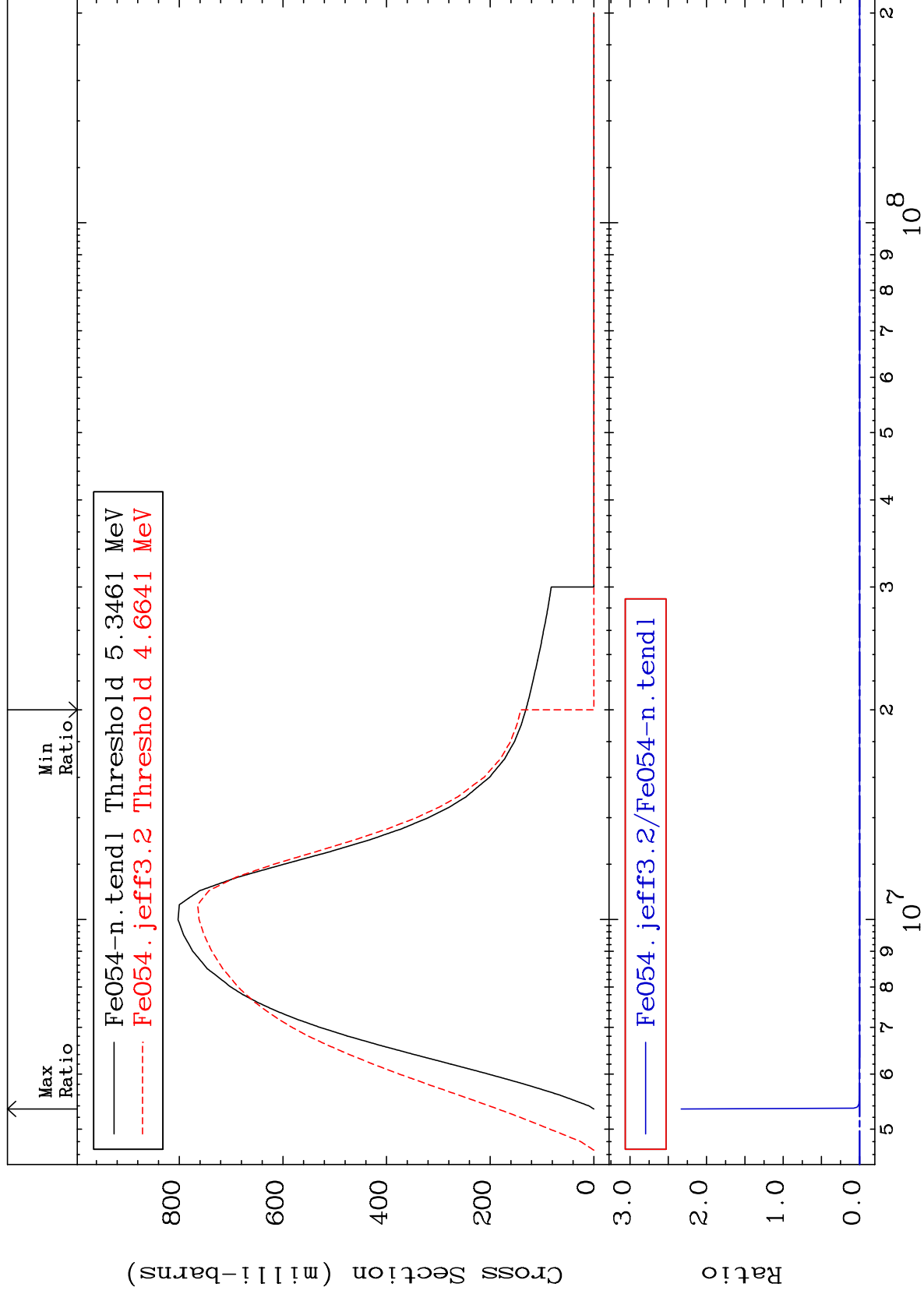
26-Fe-54
-100.0 To 72.75 %



MAT 2625

(n, n') Continuum
Cross Section

26-Fe-54
-100.0 To 9999. %



29

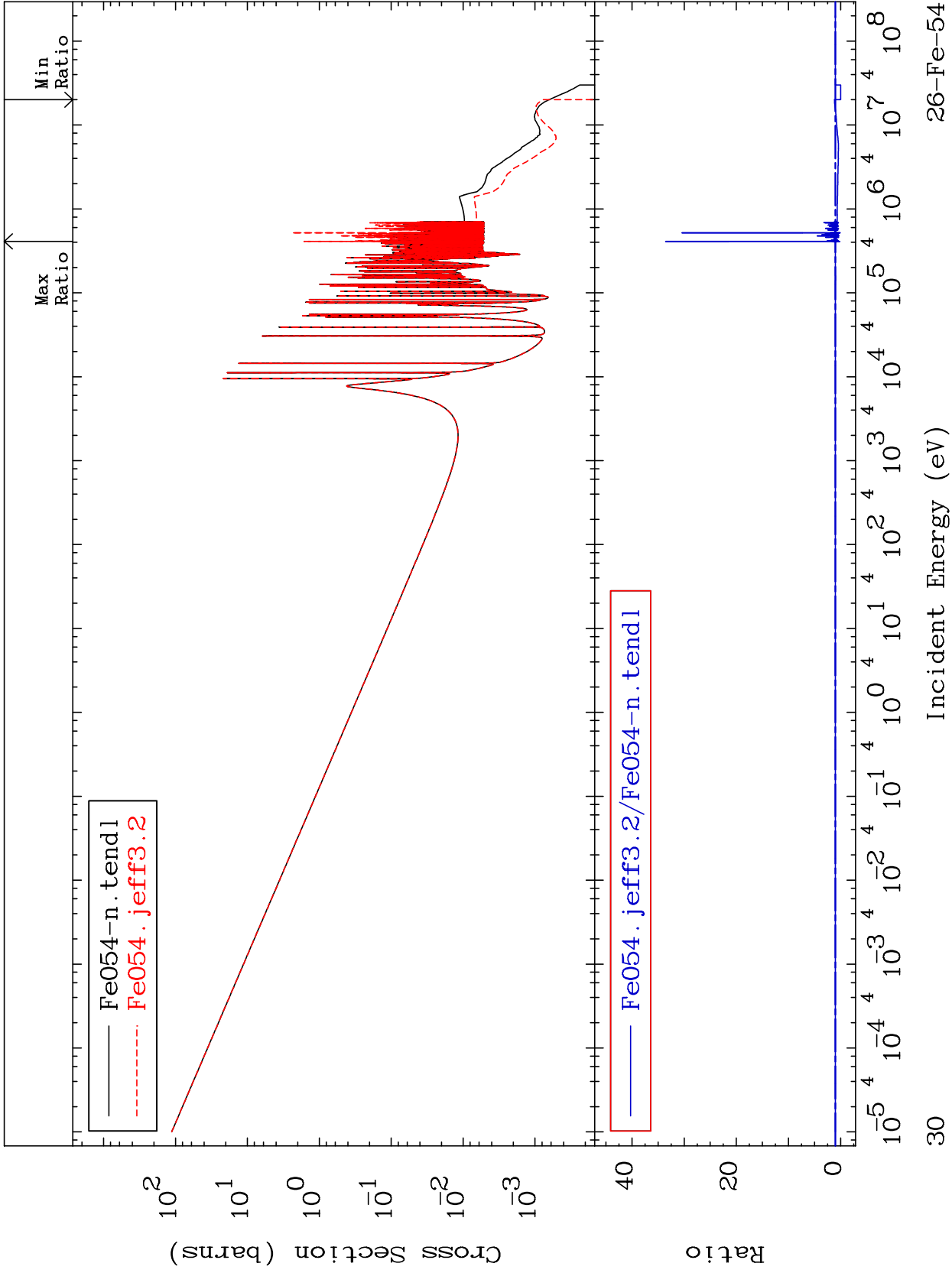
Incident Energy (eV)

26-Fe-54

MAT 2625

(n, γ)
Cross Section

26-Fe-54
-100.0 To 3257. %



30

Incident Energy (eV)

26-Fe-54

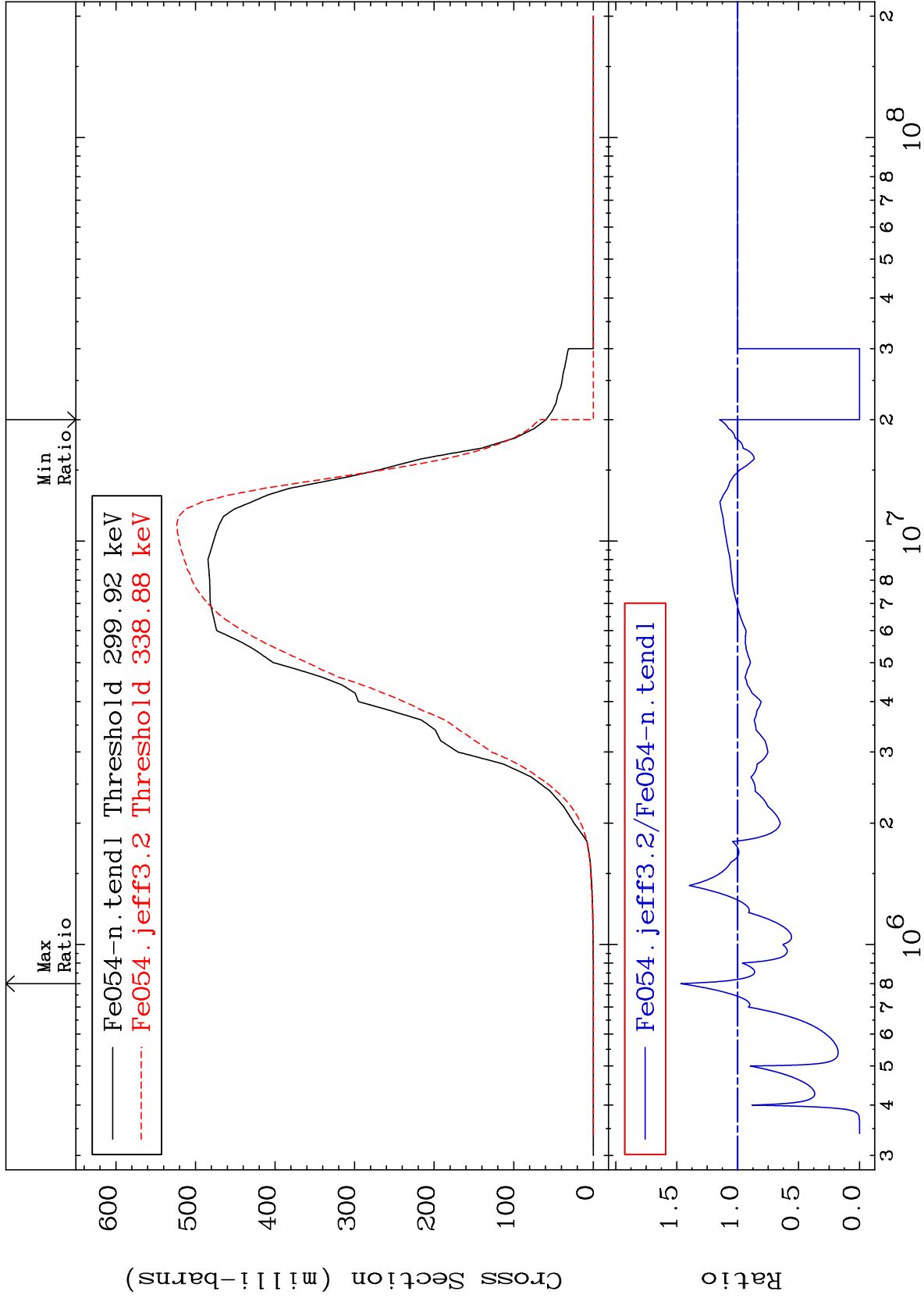
MAT 2625

(n,p)

²⁶Fe-54

Cross Section

-100.0 To 46.66 %



31

Incident Energy (eV)

²⁶Fe-54

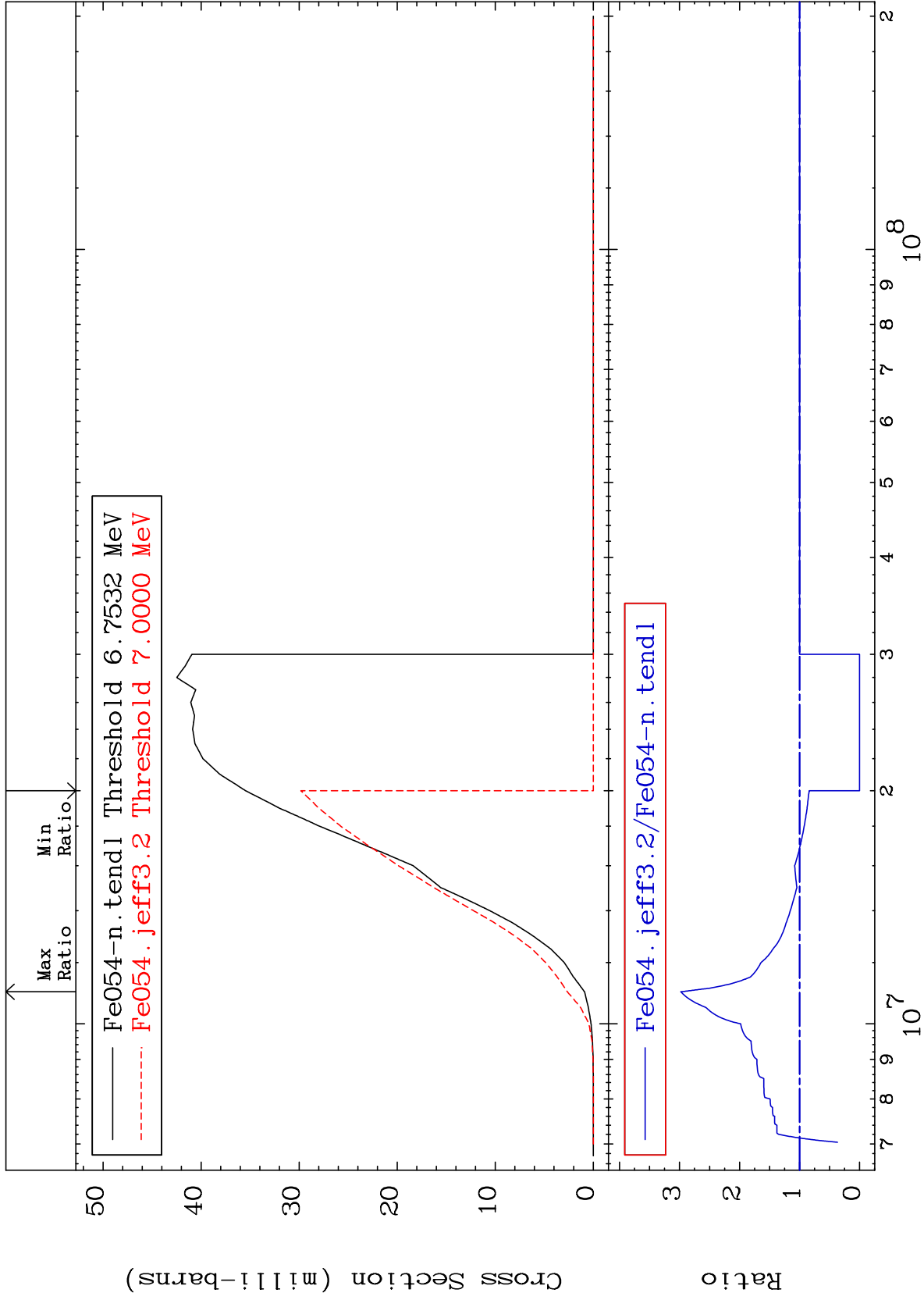
MAT 2625

(n, d)

²⁶Fe-54

Cross Section

-100.0 To 198.0 %



32

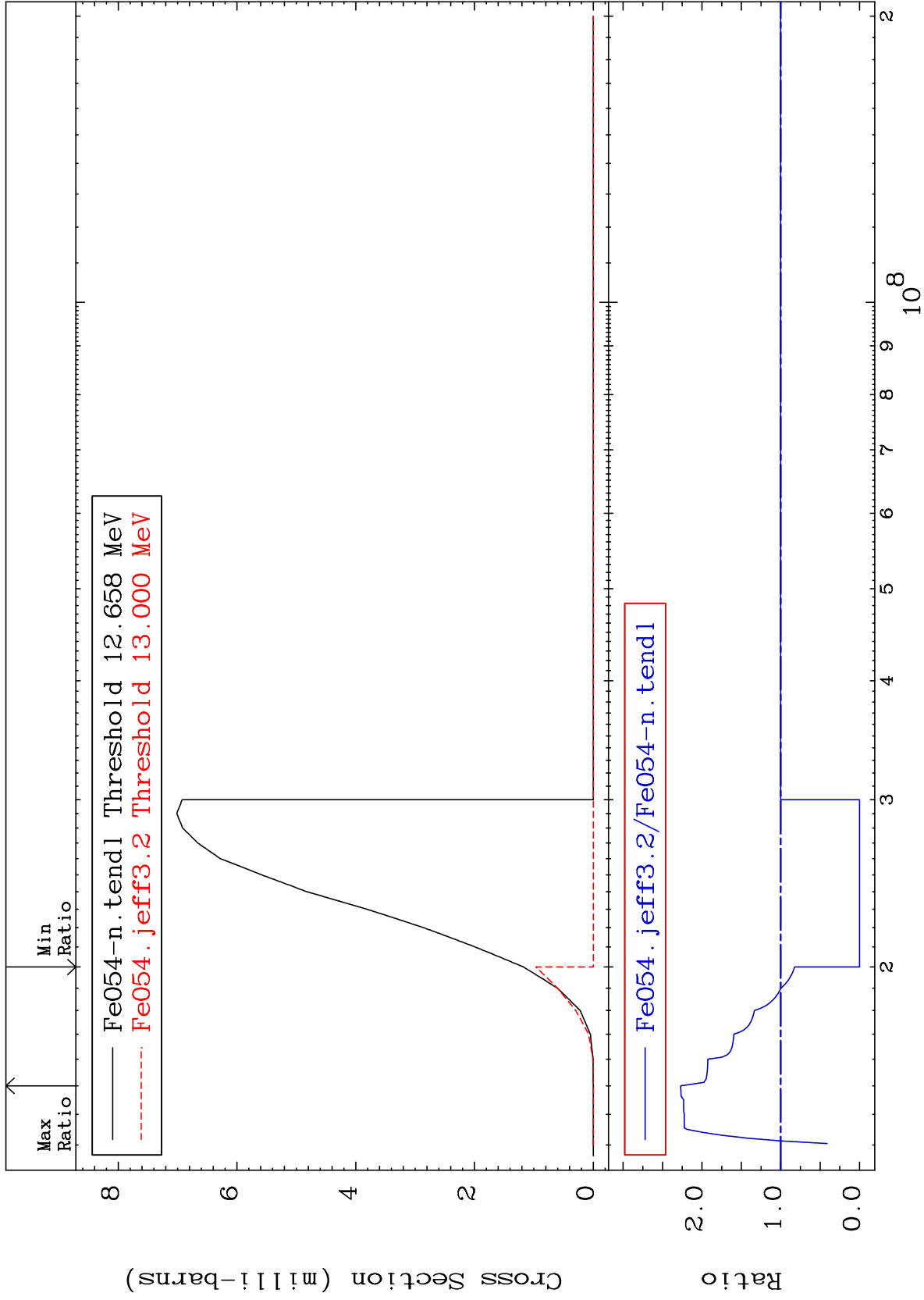
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, t)
Cross Section

²⁶Fe-54
-100.0 To 126.9 %



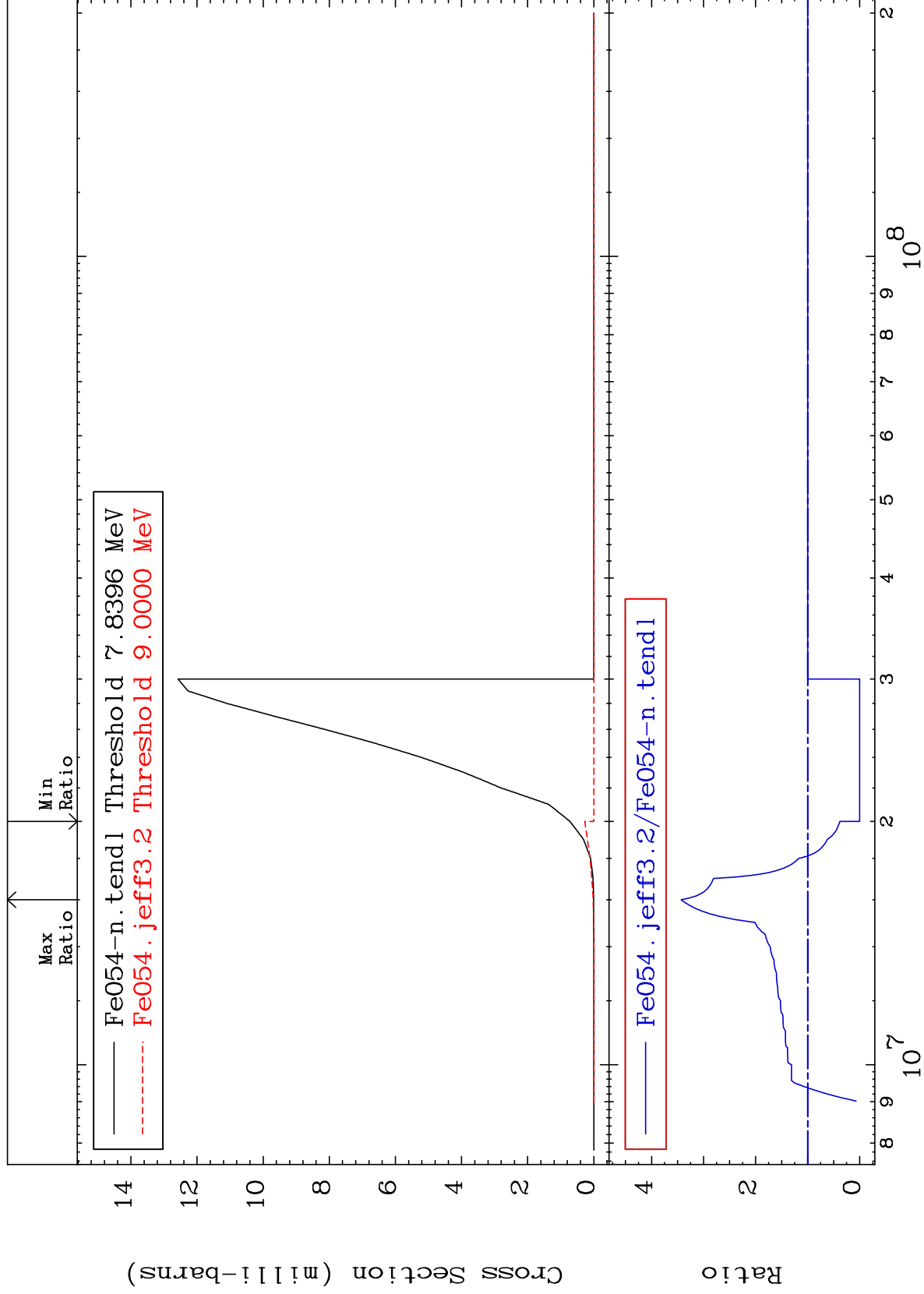
MAT 2625

(n, He-3)

²⁶Fe-54

Cross Section

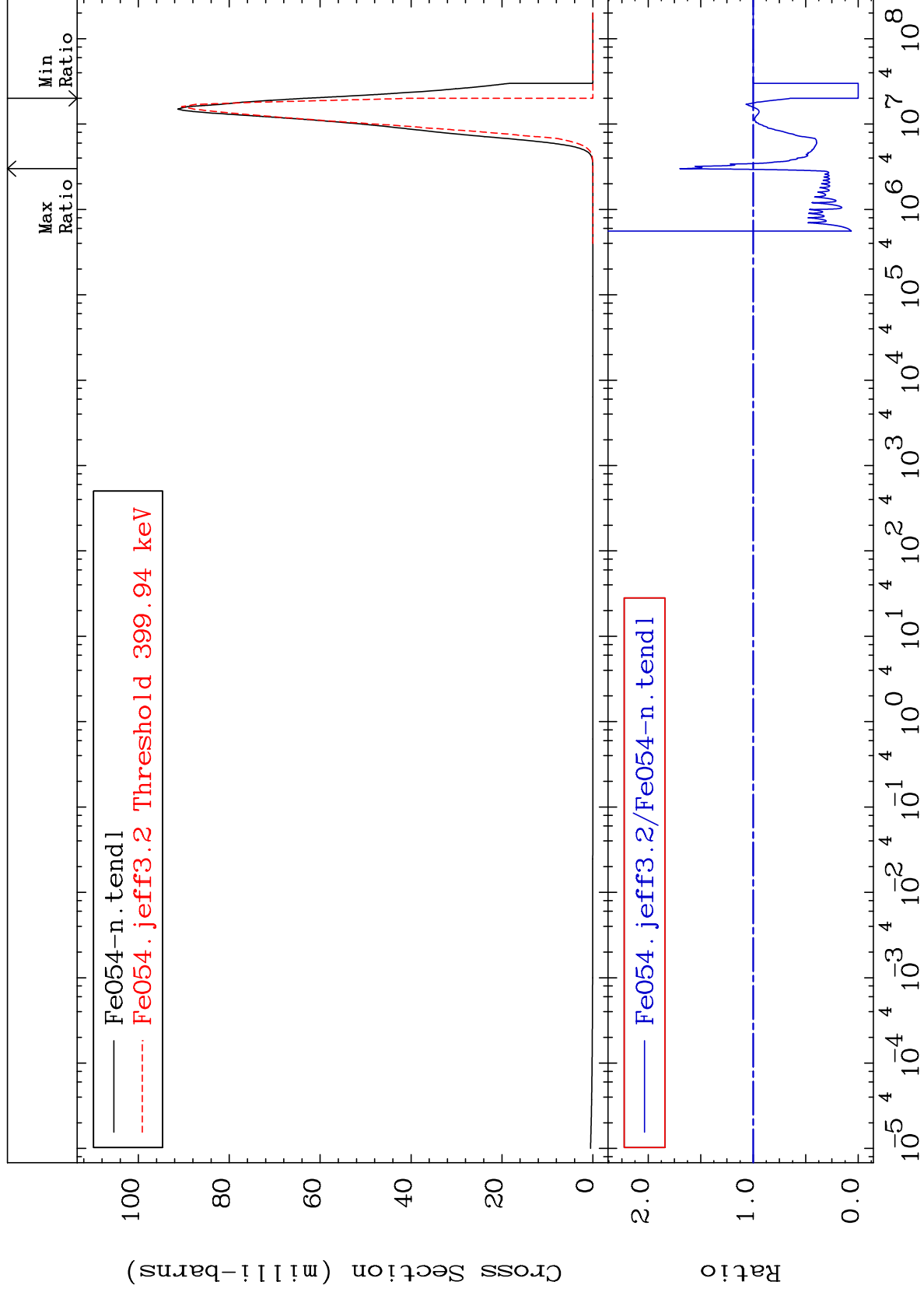
-100.0 To 243.1 %



MAT 2625

(n, α)
Cross Section

26-Fe-54
-100.0 To 69.66 %



35

Incident Energy (eV)

26-Fe-54

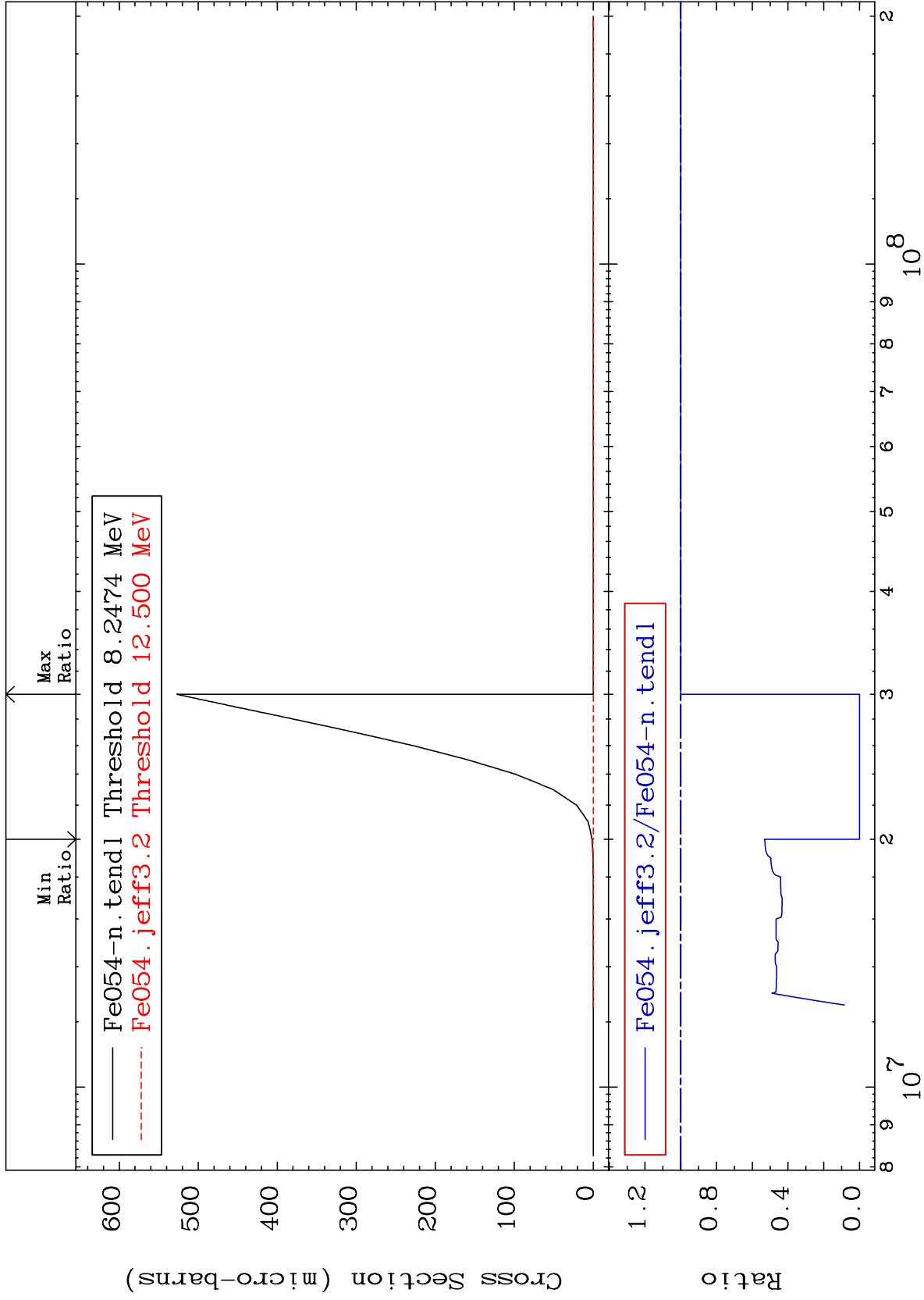
MAT 2625

(n,2α)

²⁶Fe-54

Cross Section

-100.0 To 0.000 %



36

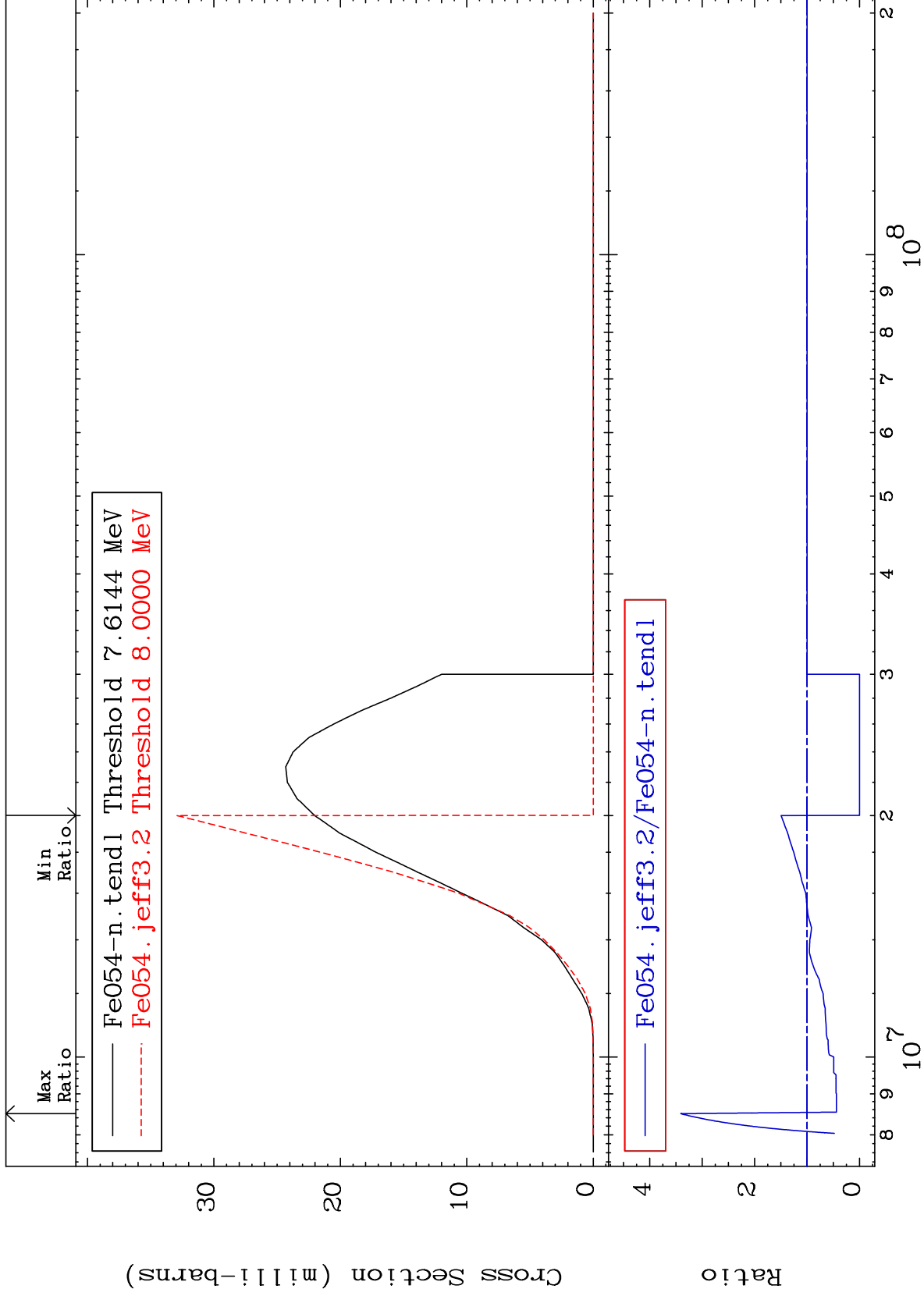
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n,2p)
Cross Section

²⁶Fe-54
-100.0 To 240.8 %



37

Incident Energy (eV)

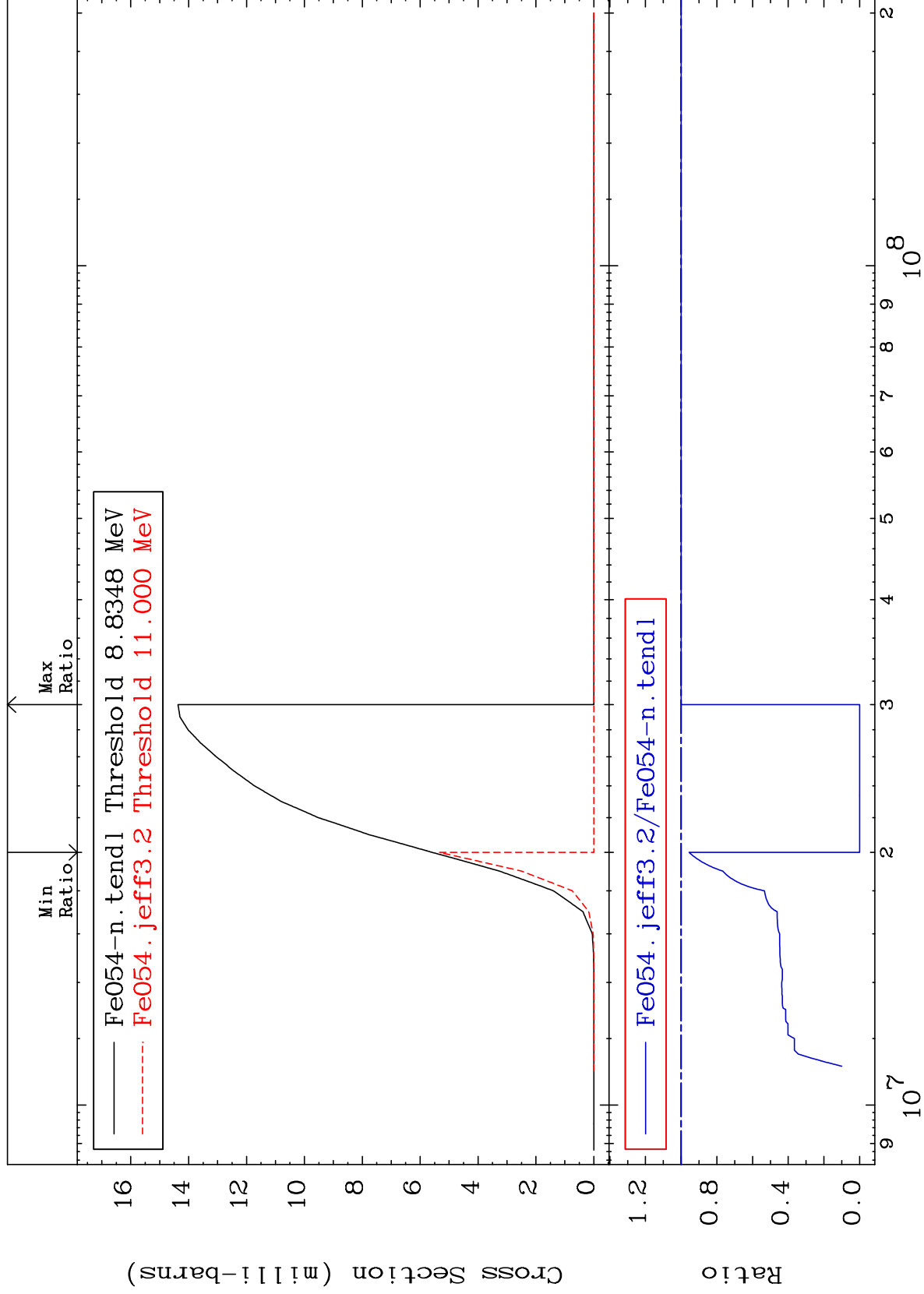
²⁶Fe-54

MAT 2625

$^{26}\text{Fe-54}$

(n,p) α

Cross Section
-100.0 To 0.000 %



38

Incident Energy (eV)

$^{26}\text{Fe-54}$

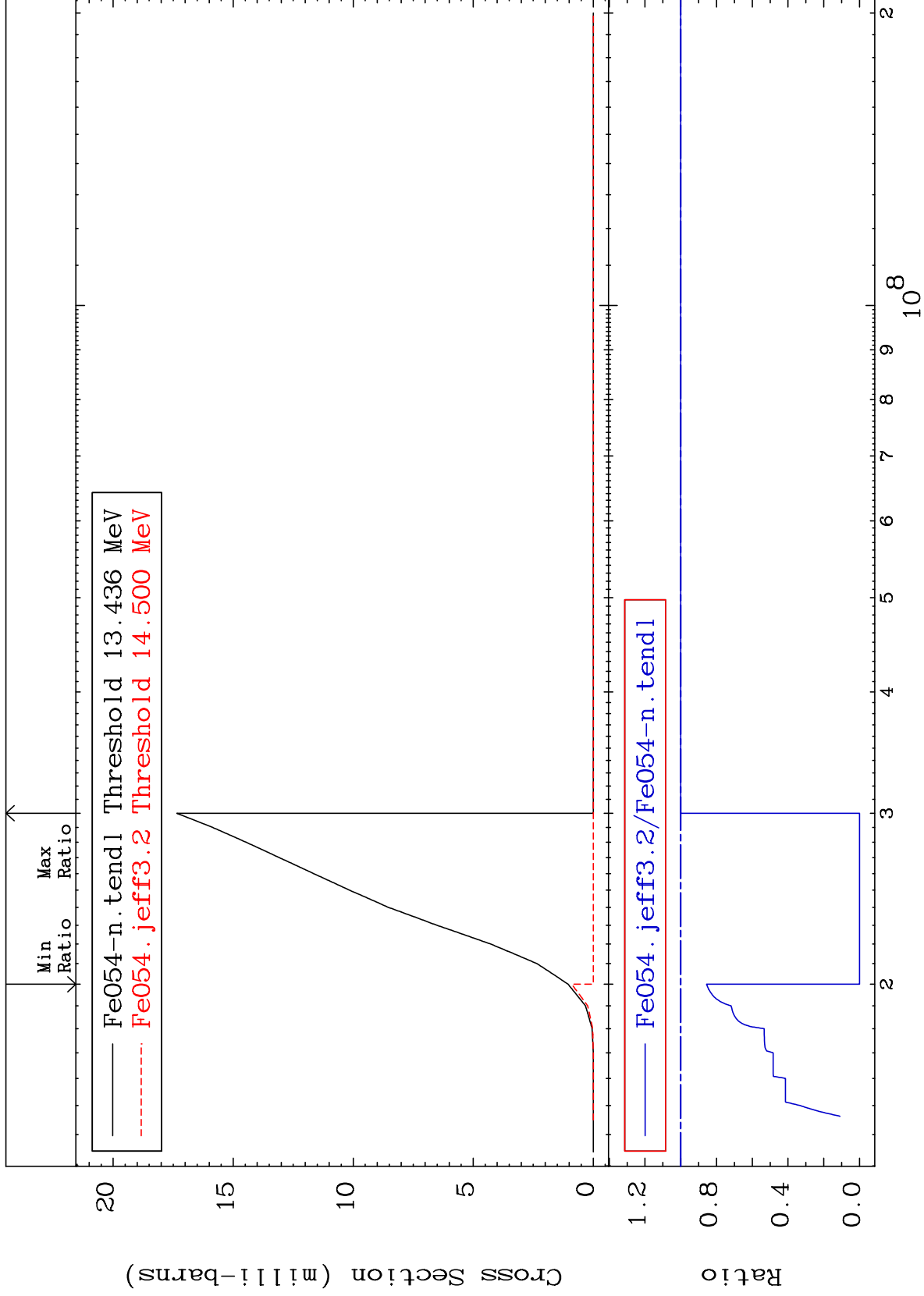
MAT 2625

(n,p) d

²⁶Fe-54

Cross Section

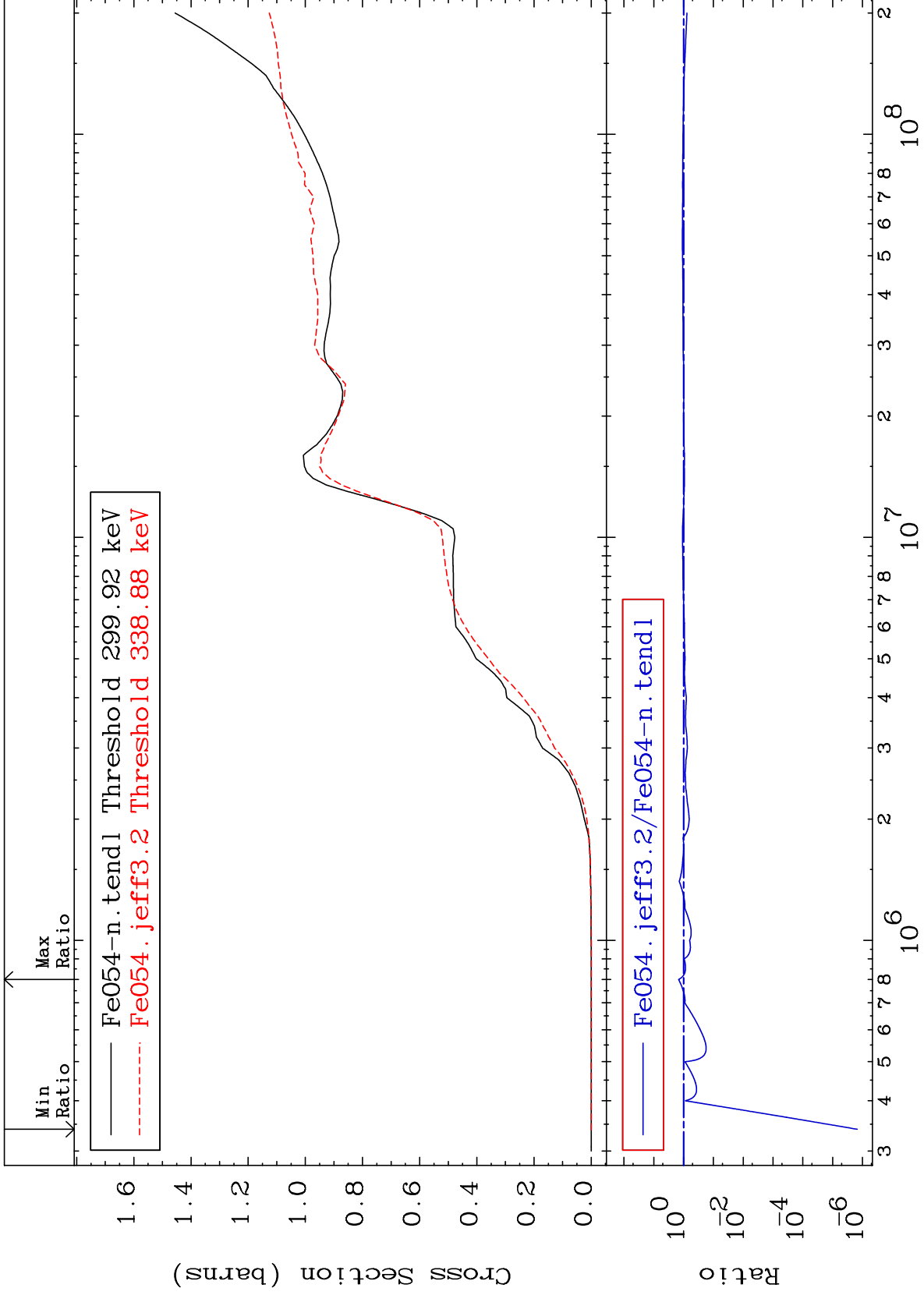
-100.0 To 0.000 %



MAT 2625

Hydrogen Production
Cross Section

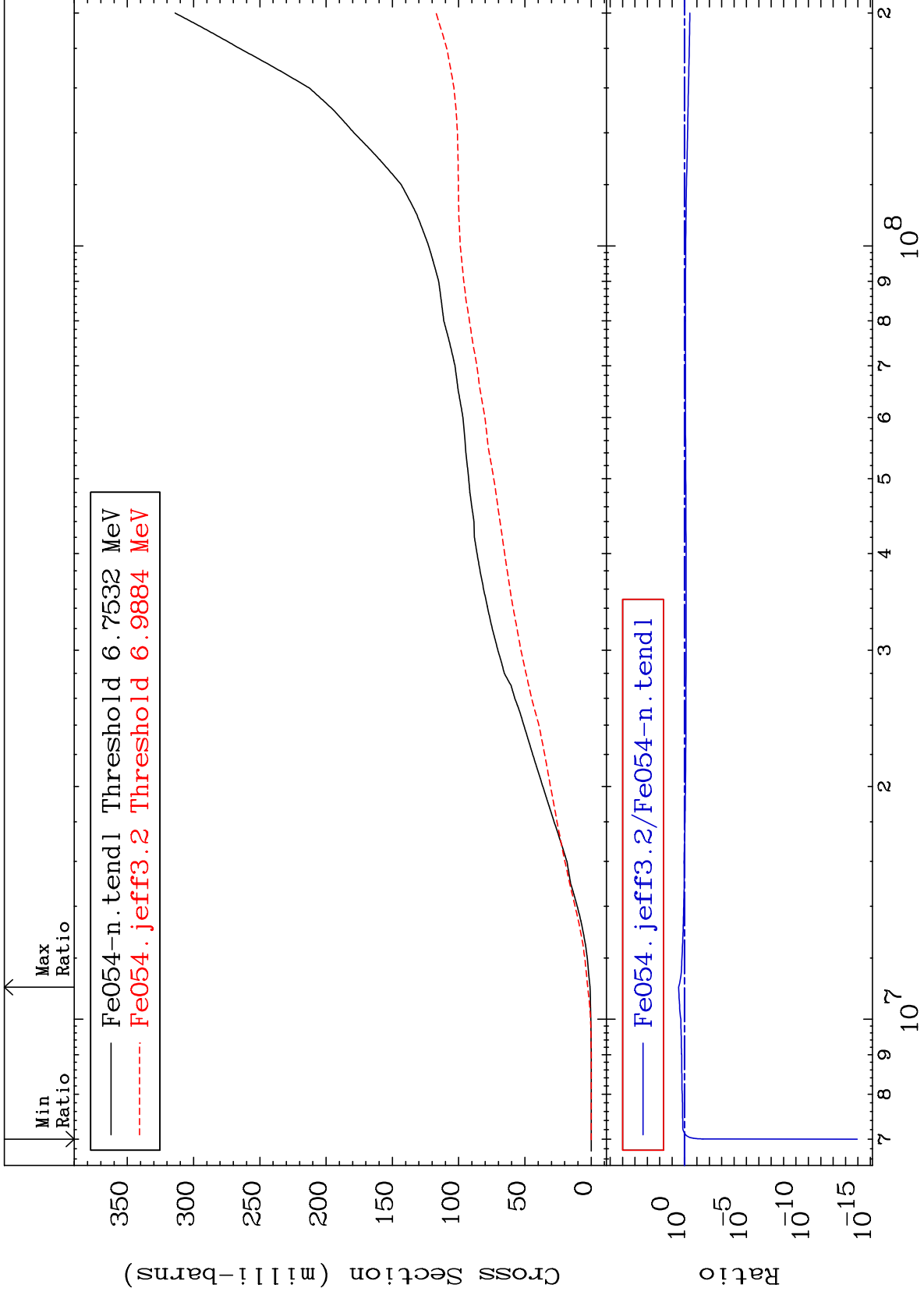
²⁶Fe-54
-100.0 To 46.66 %



MAT 2625

Deuterium Production
Cross Section

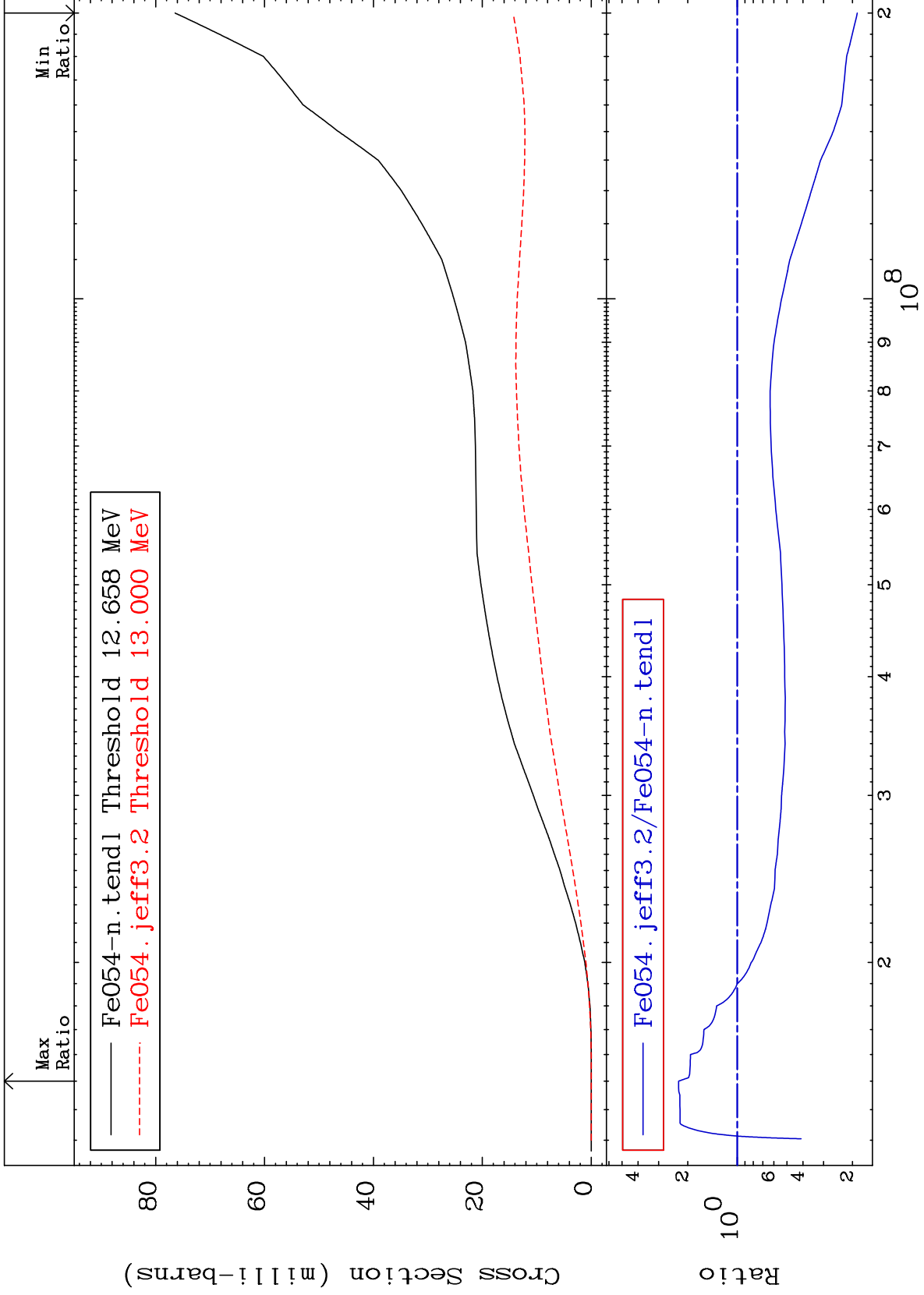
²⁶Fe-54
-100.0 To 198.0 %



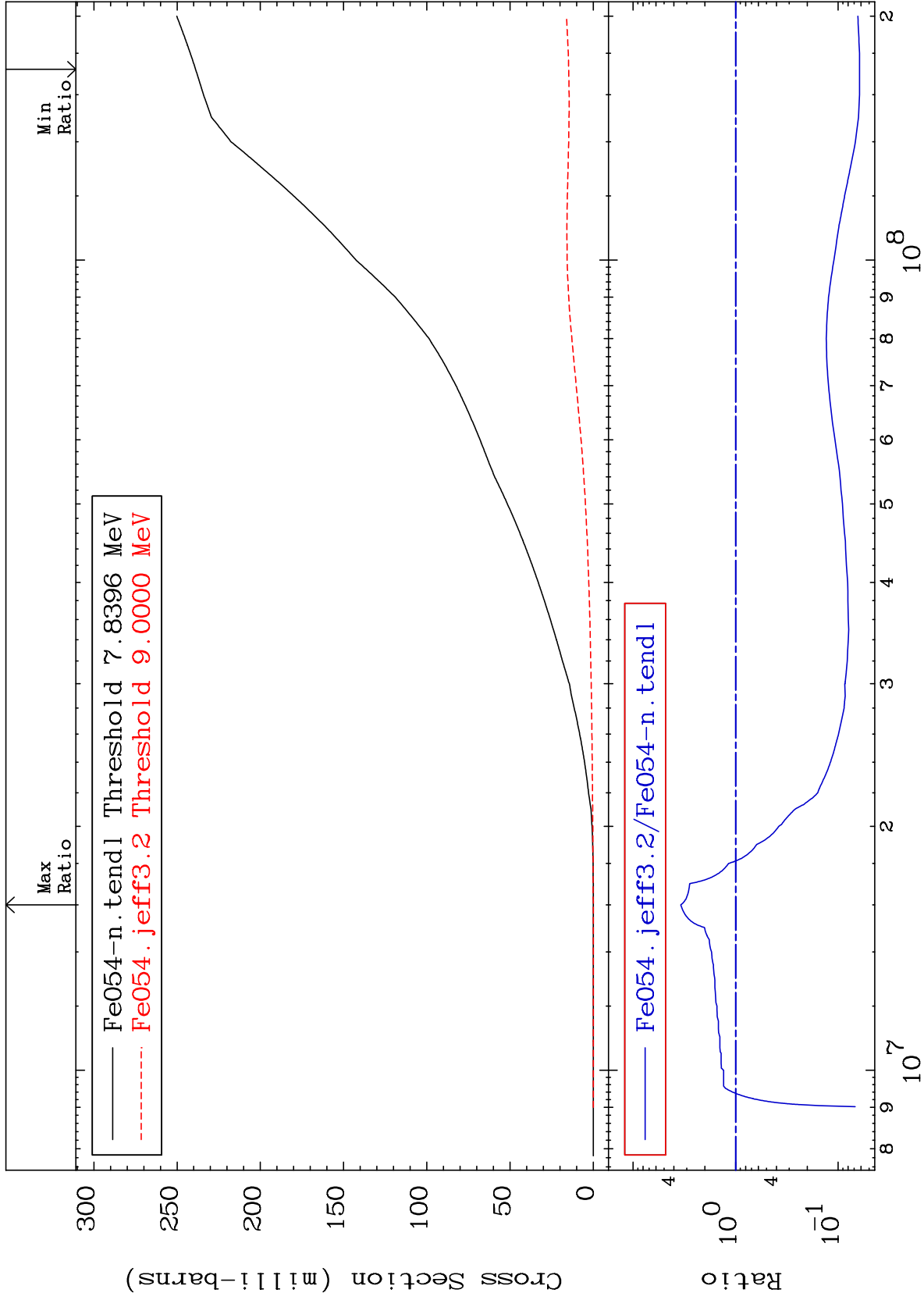
MAT 2625

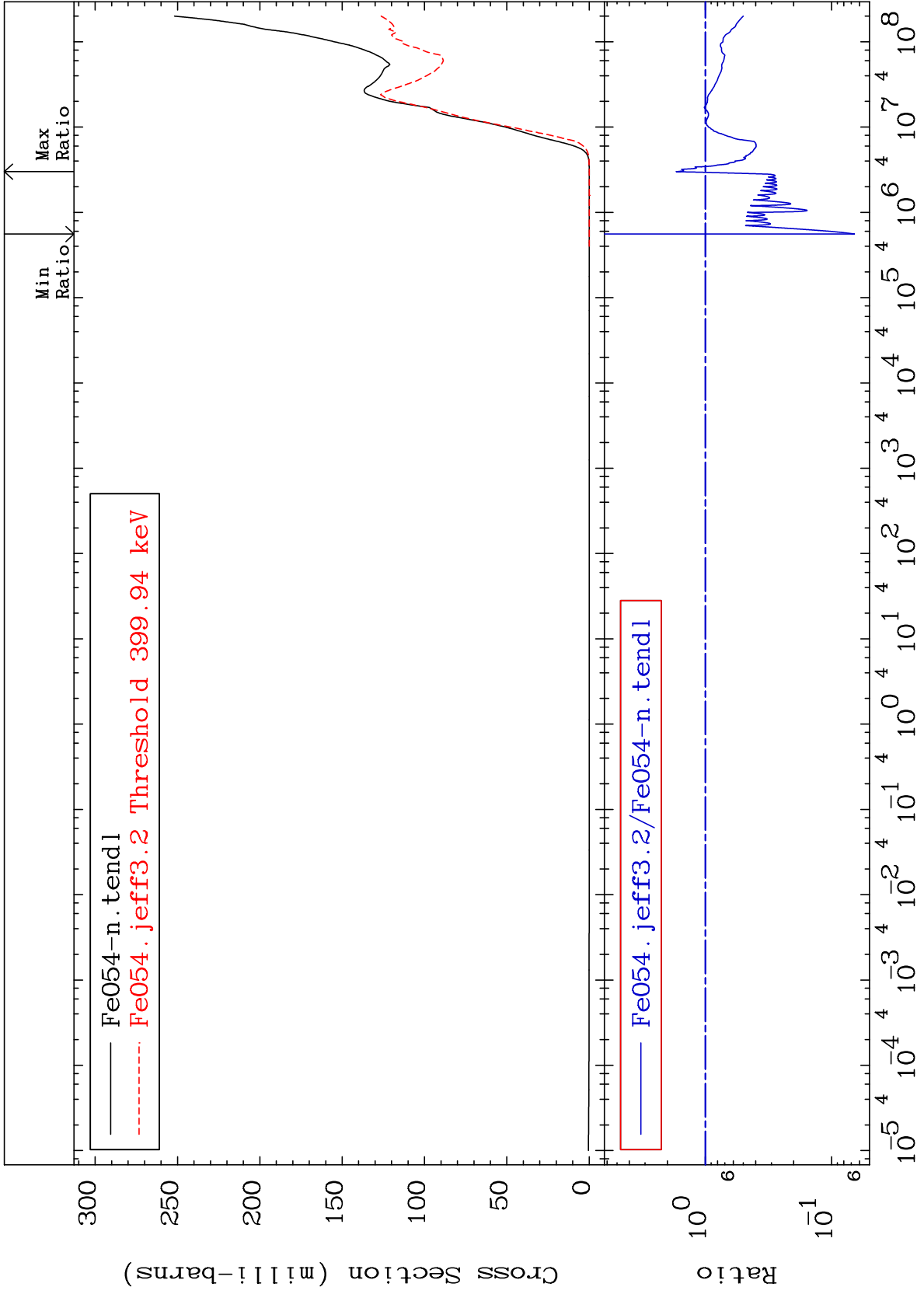
Tritium Production
Cross Section

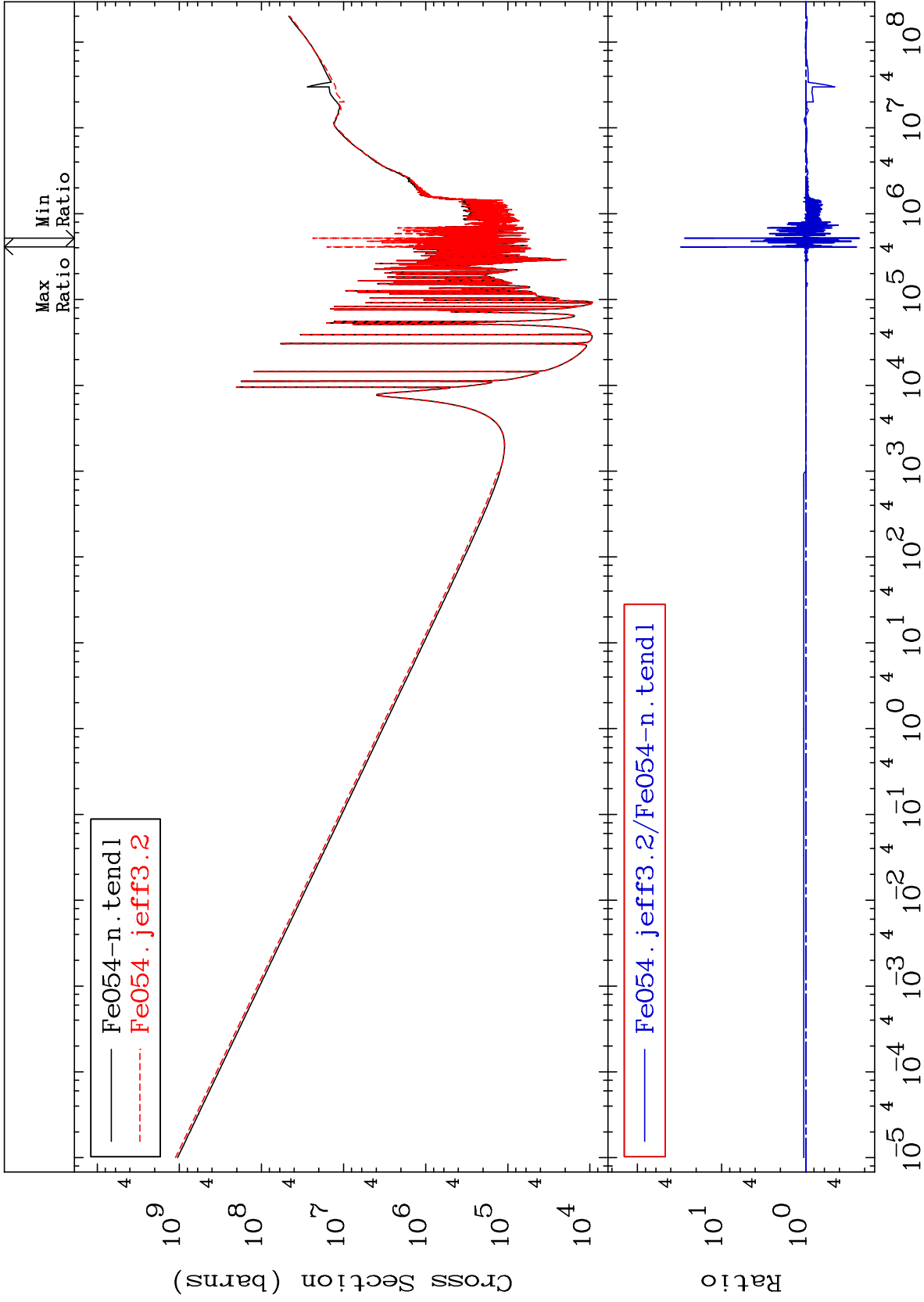
$^{26}\text{Fe-54}$
-81.27 To 126.9 %



MAT 2625 He-3 Production Cross Section ²⁶Fe-54 -93.81 To 243.1 %



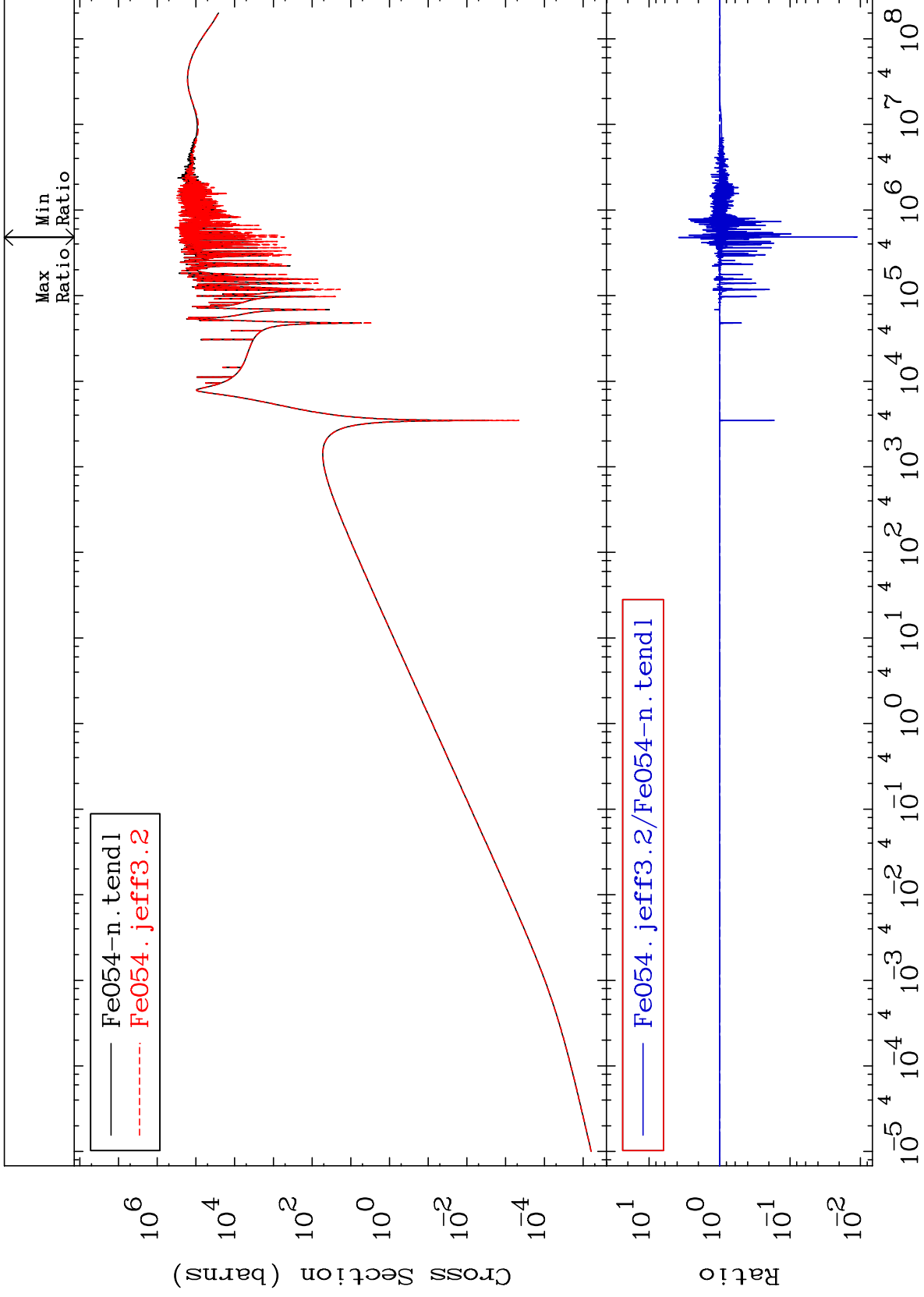




MAT 2625

Kerma elastic
Cross Section

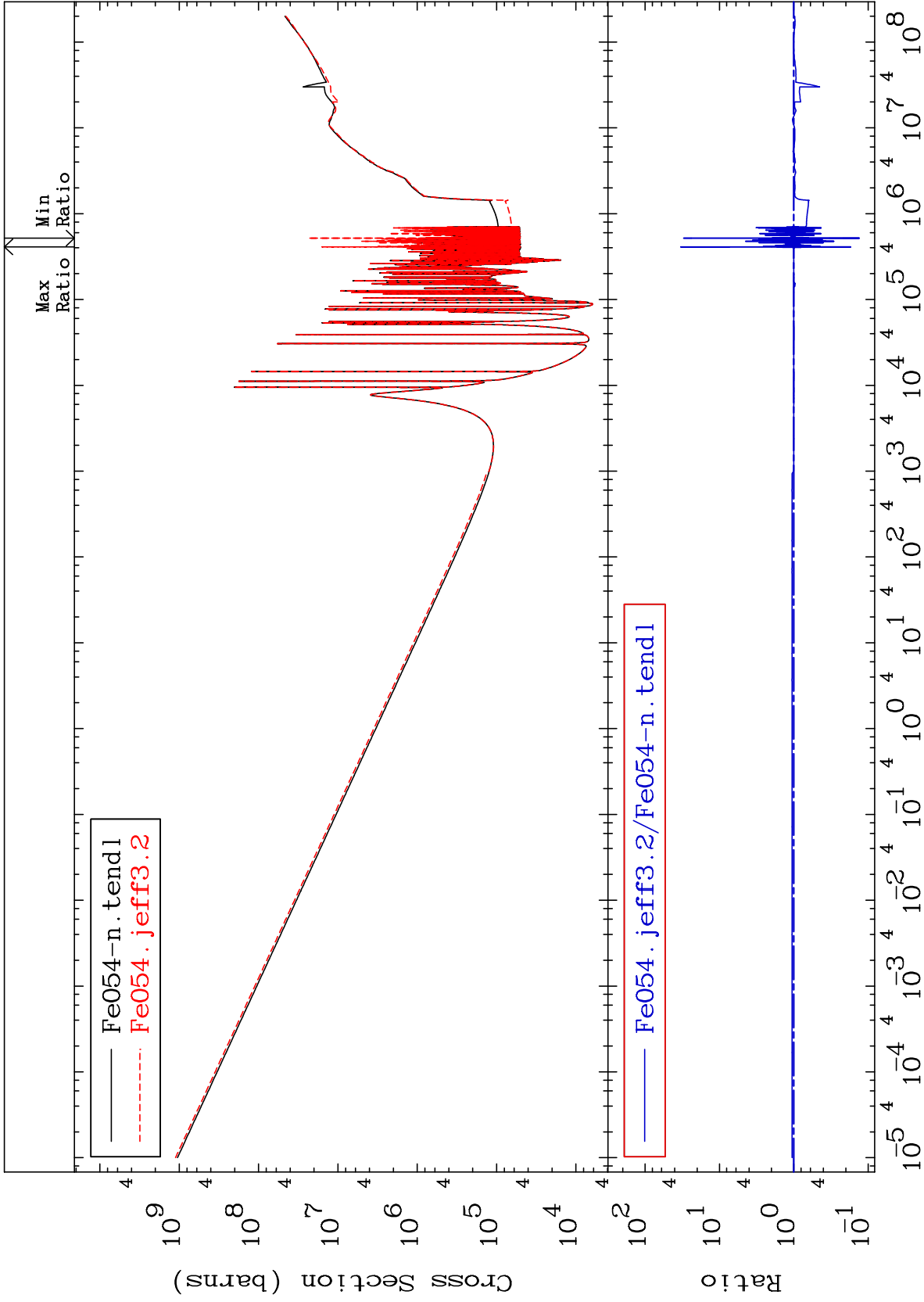
26-Fe-54
-98.89 To 281.2 %

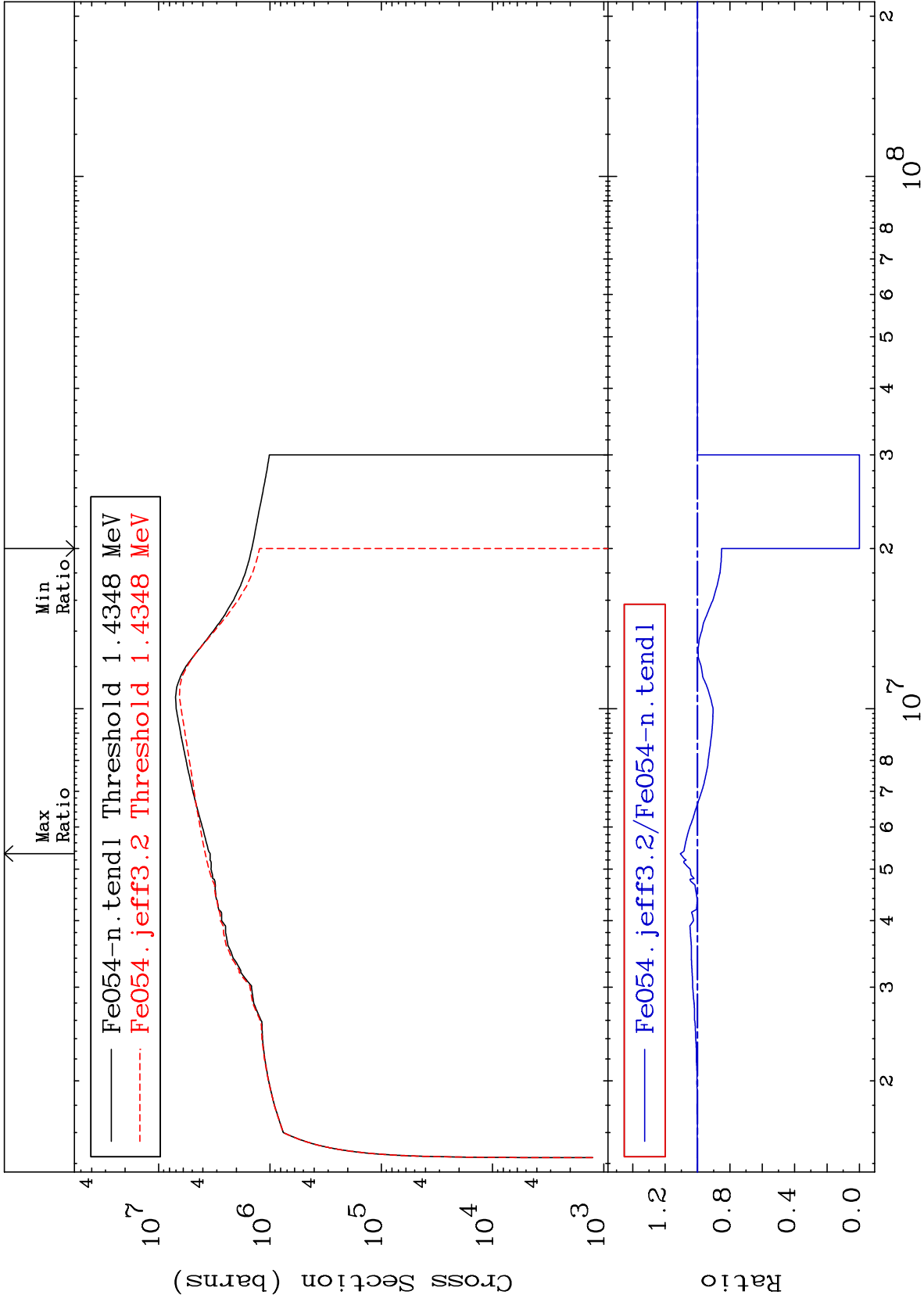


46

Incident Energy (eV)

26-Fe-54

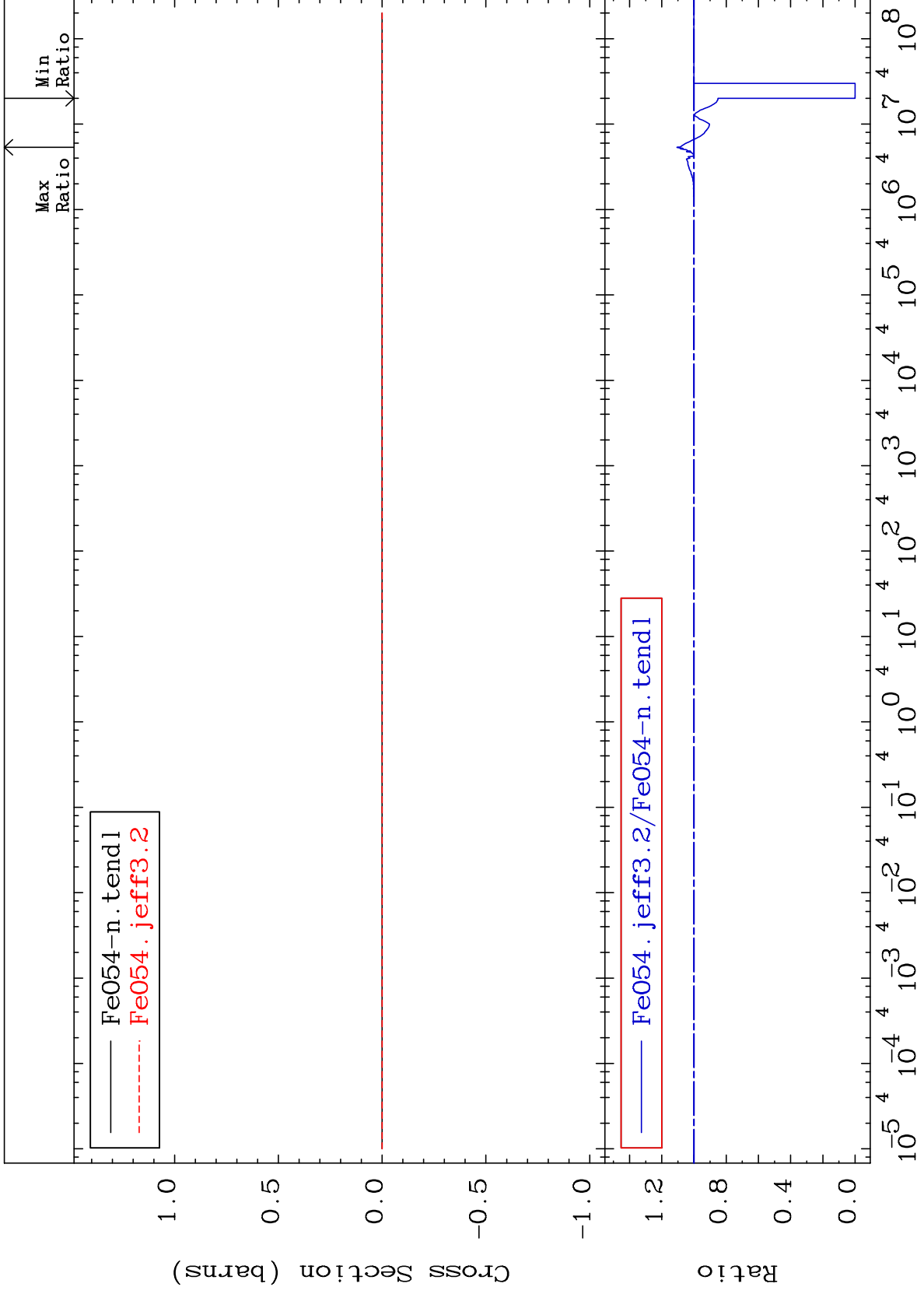




MAT 2625

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

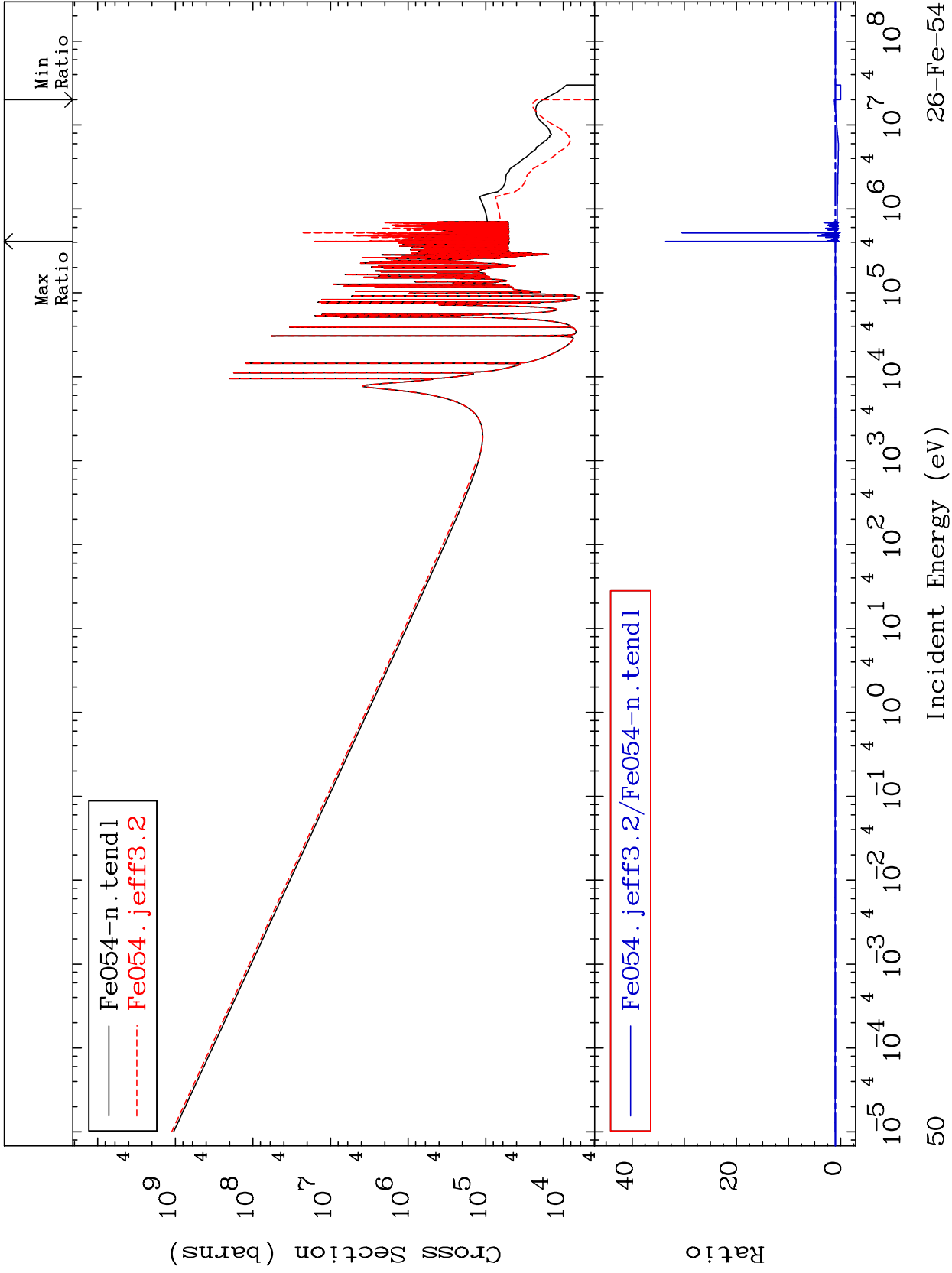
26-Fe-54
-100.0 To 10.59 %



MAT 2625

Kerma capture (mt102)
Cross Section

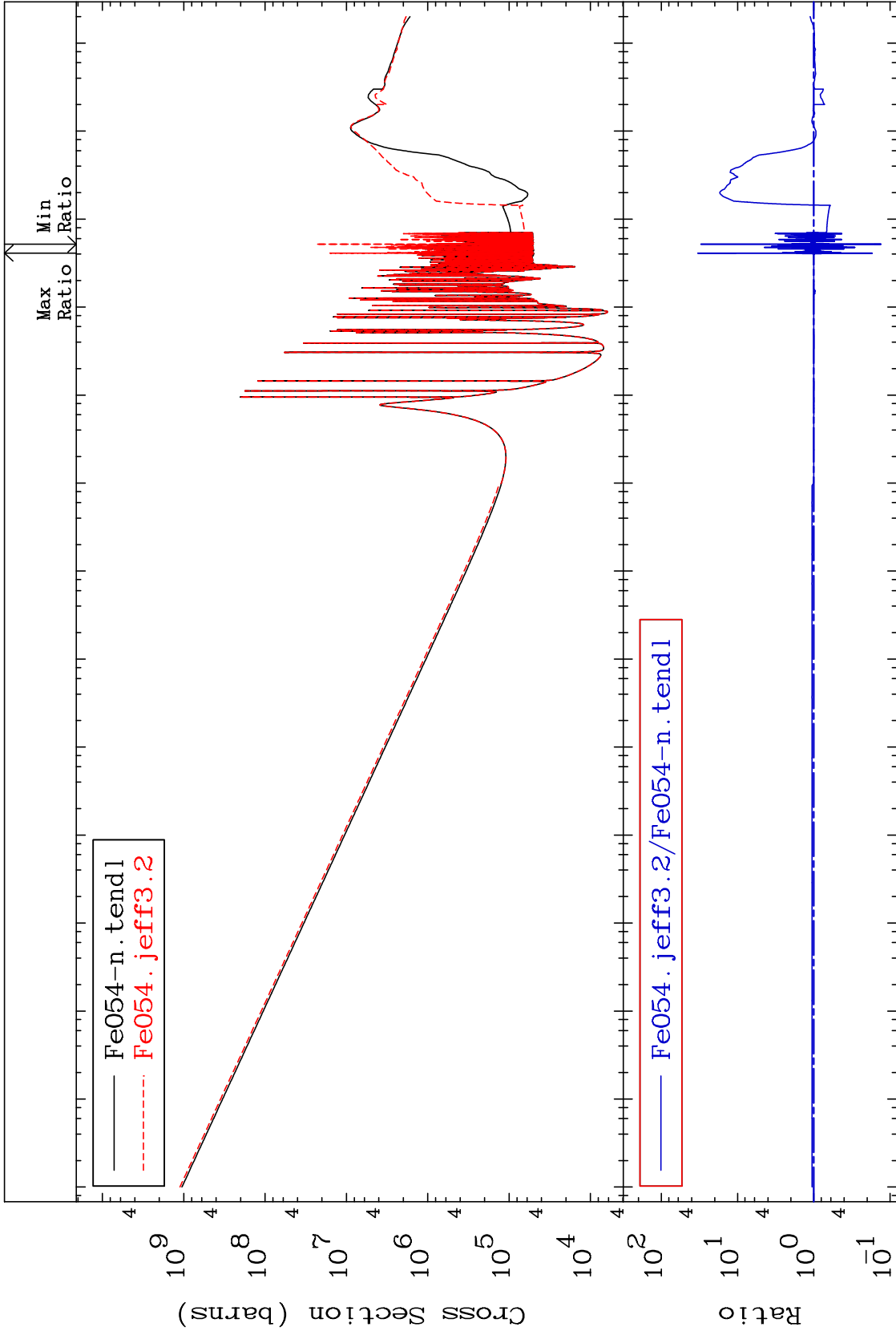
26-Fe-54
-100.0 To 3260. %



MAT 2625

Total photon (eV-barns)
Cross Section

26-Fe-54
-86.88 To 3260. %



51

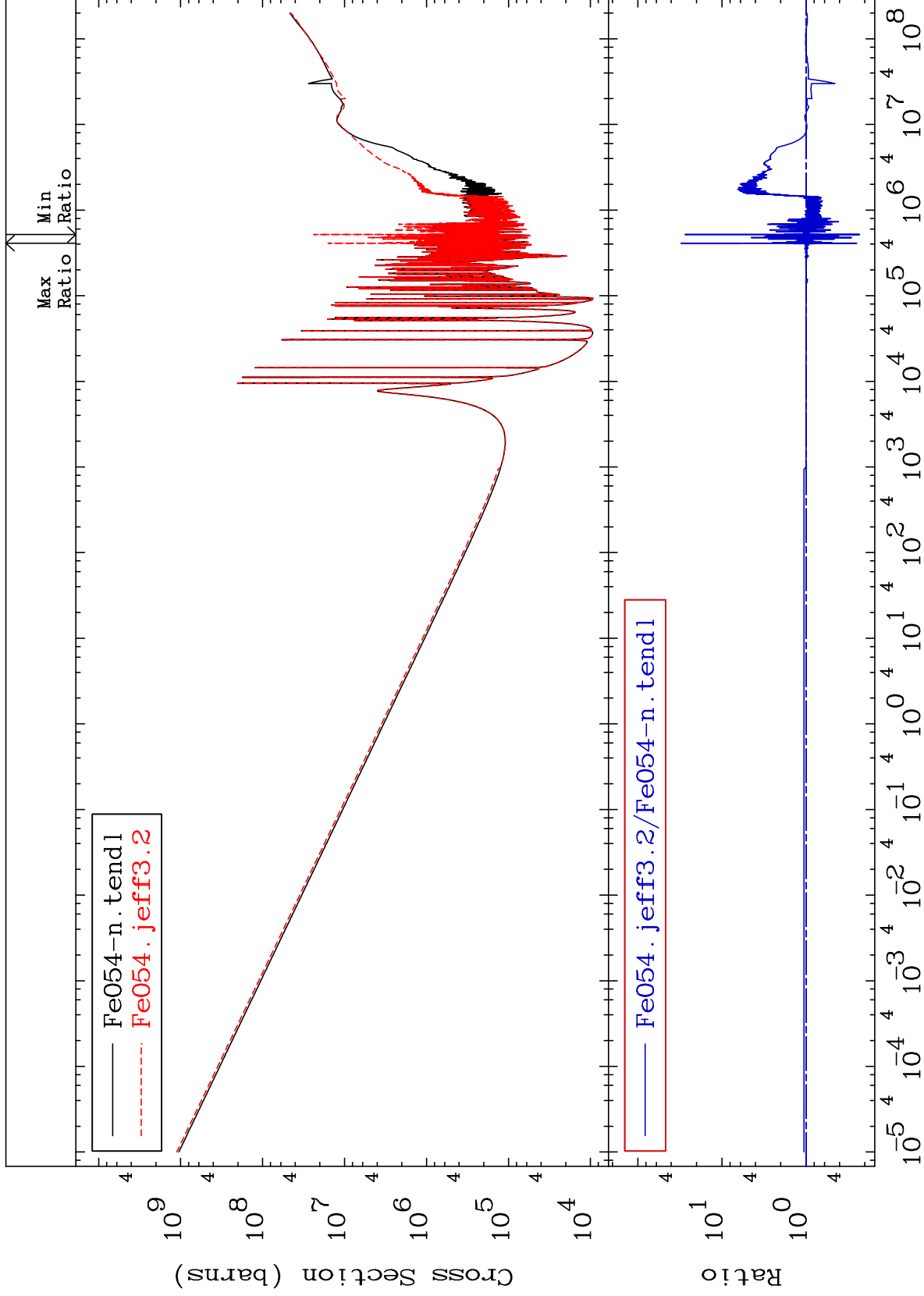
26-Fe-54

26-Fe-54

MAT 2625

Total kinematic kerma (high limit)
Cross Section

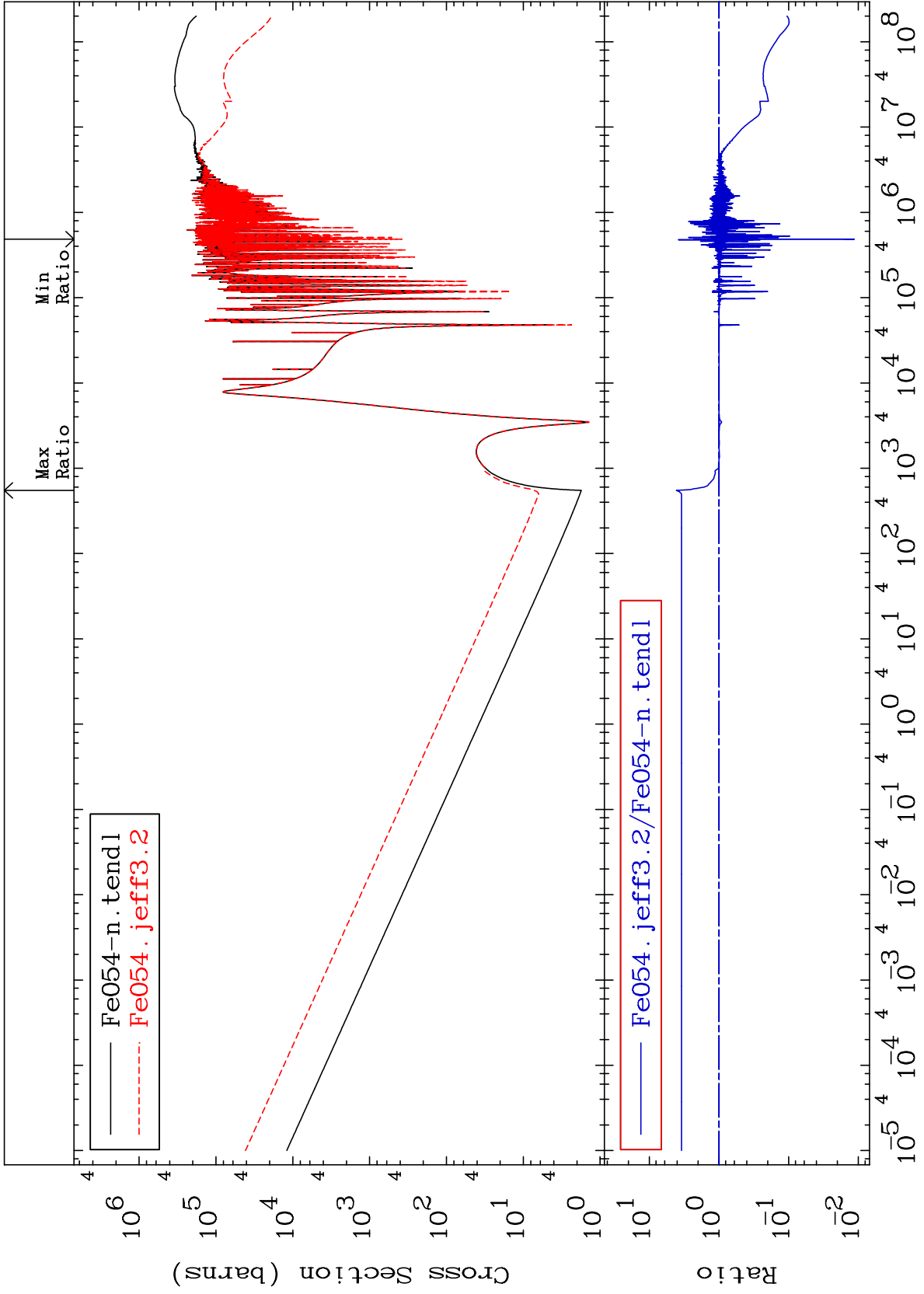
26-Fe-54
-76.90 To 2982. %

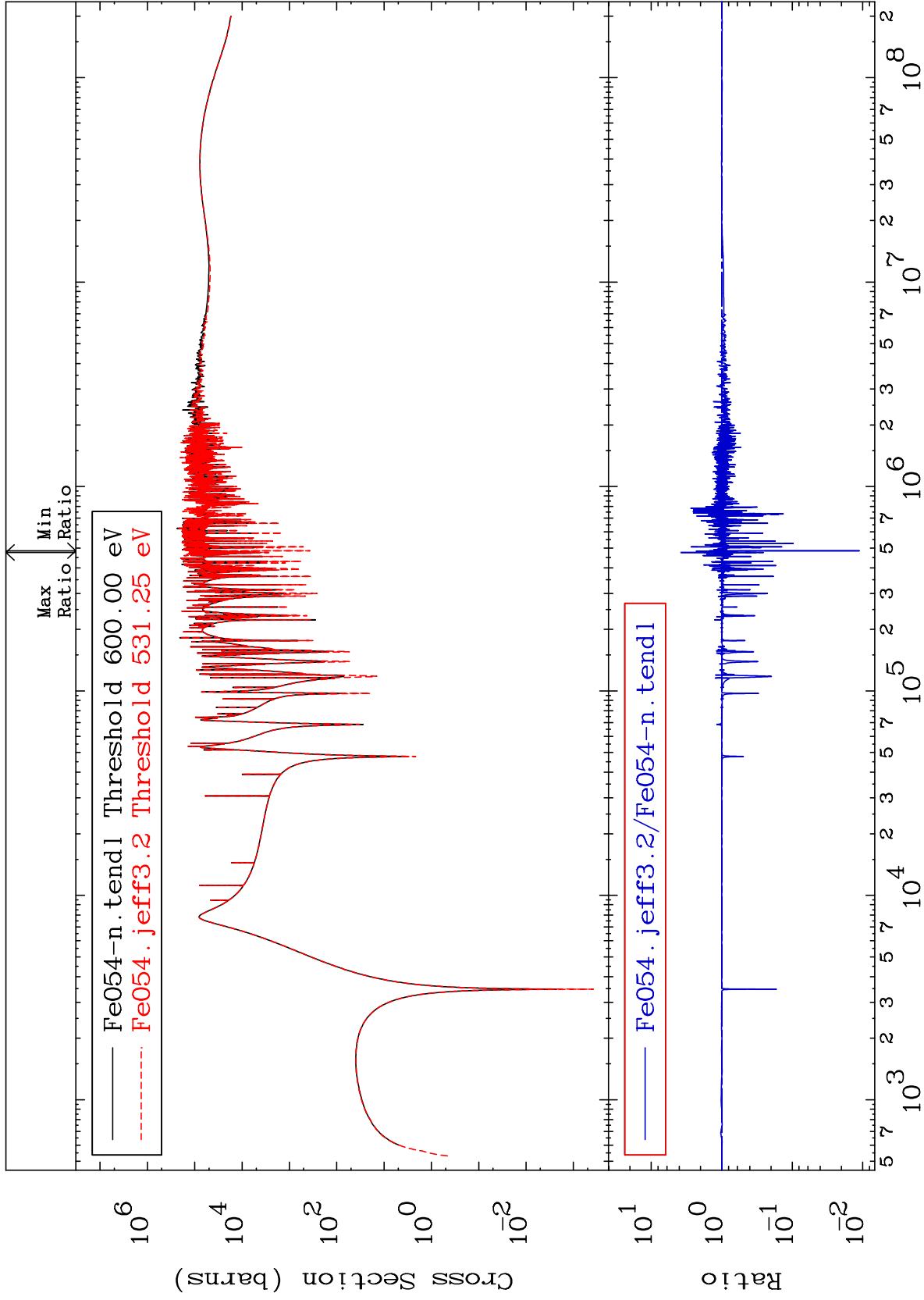


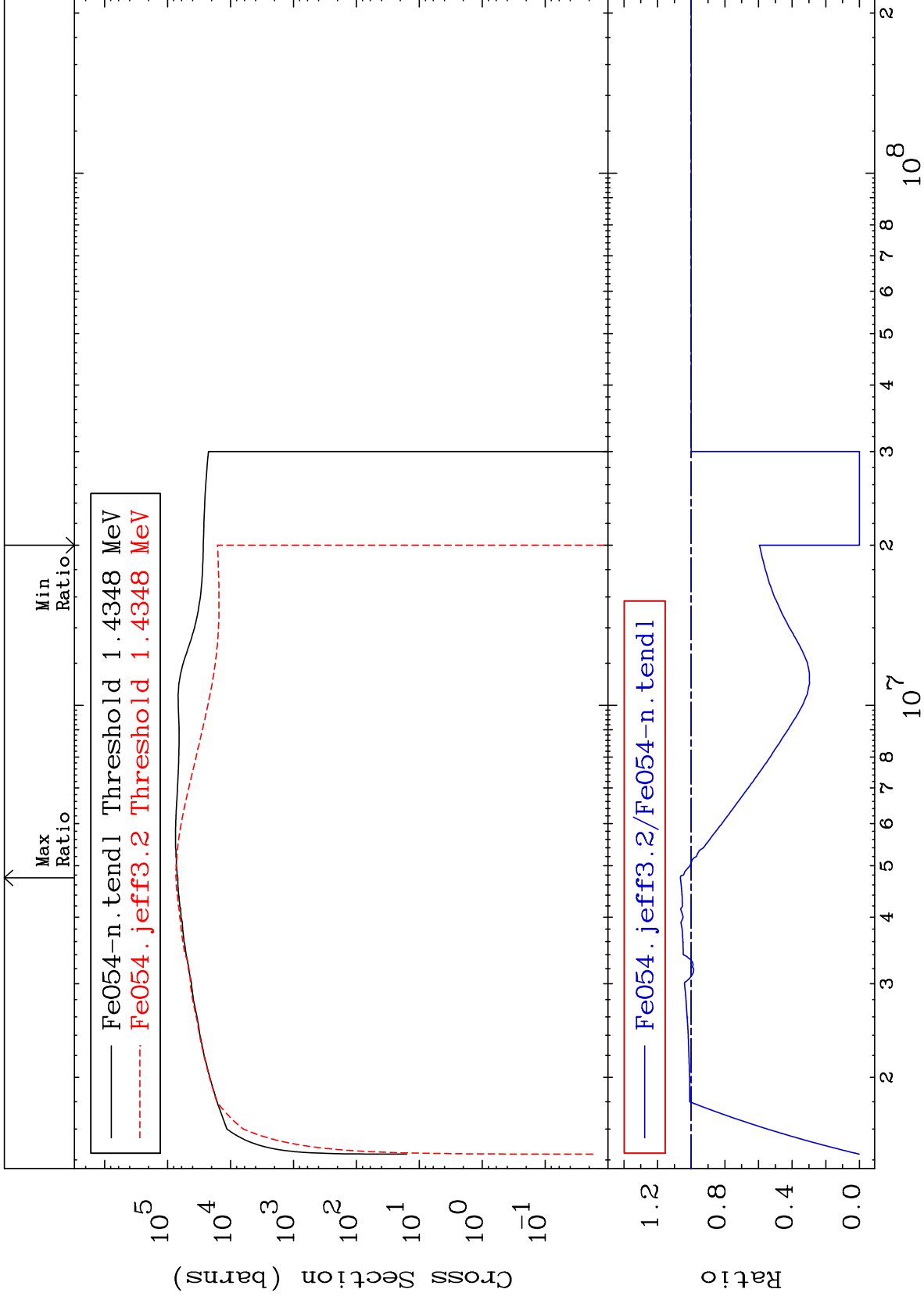
52

Incident Energy (eV)

26-Fe-54



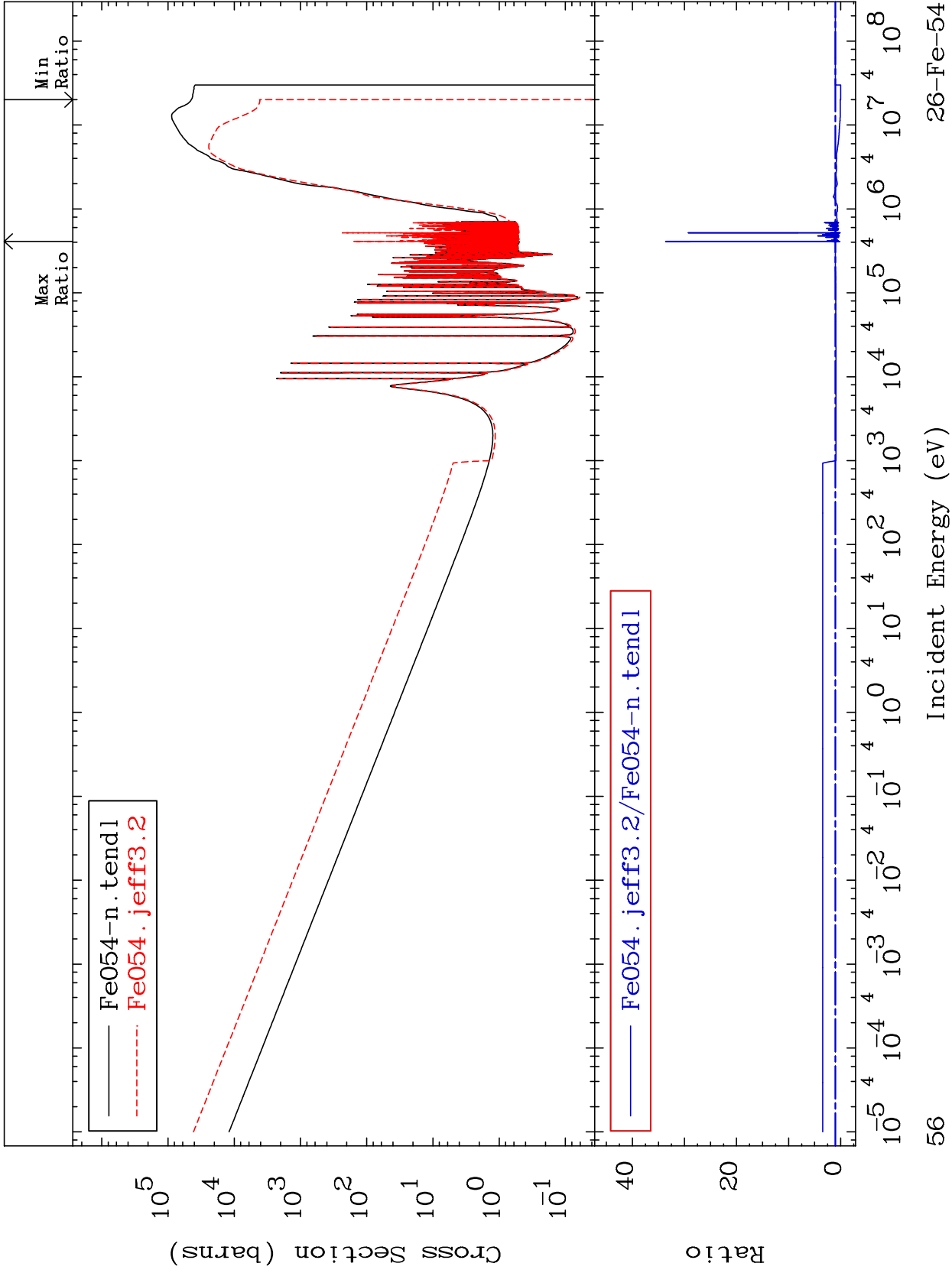


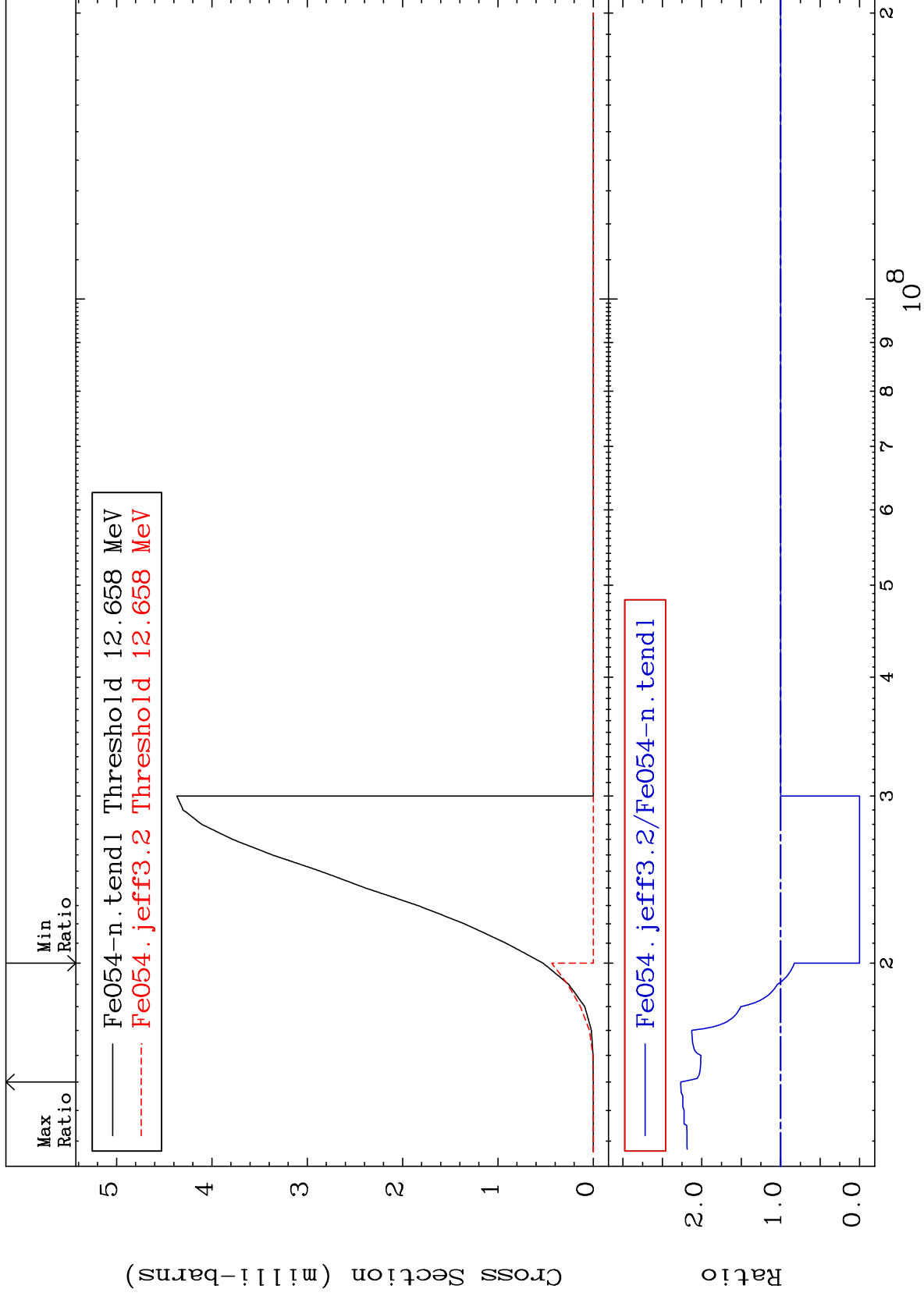


MAT 2625

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-54
-100.0 To 3264. %





Radionuclide Production Cross Section -100.0 To 976.5 %

