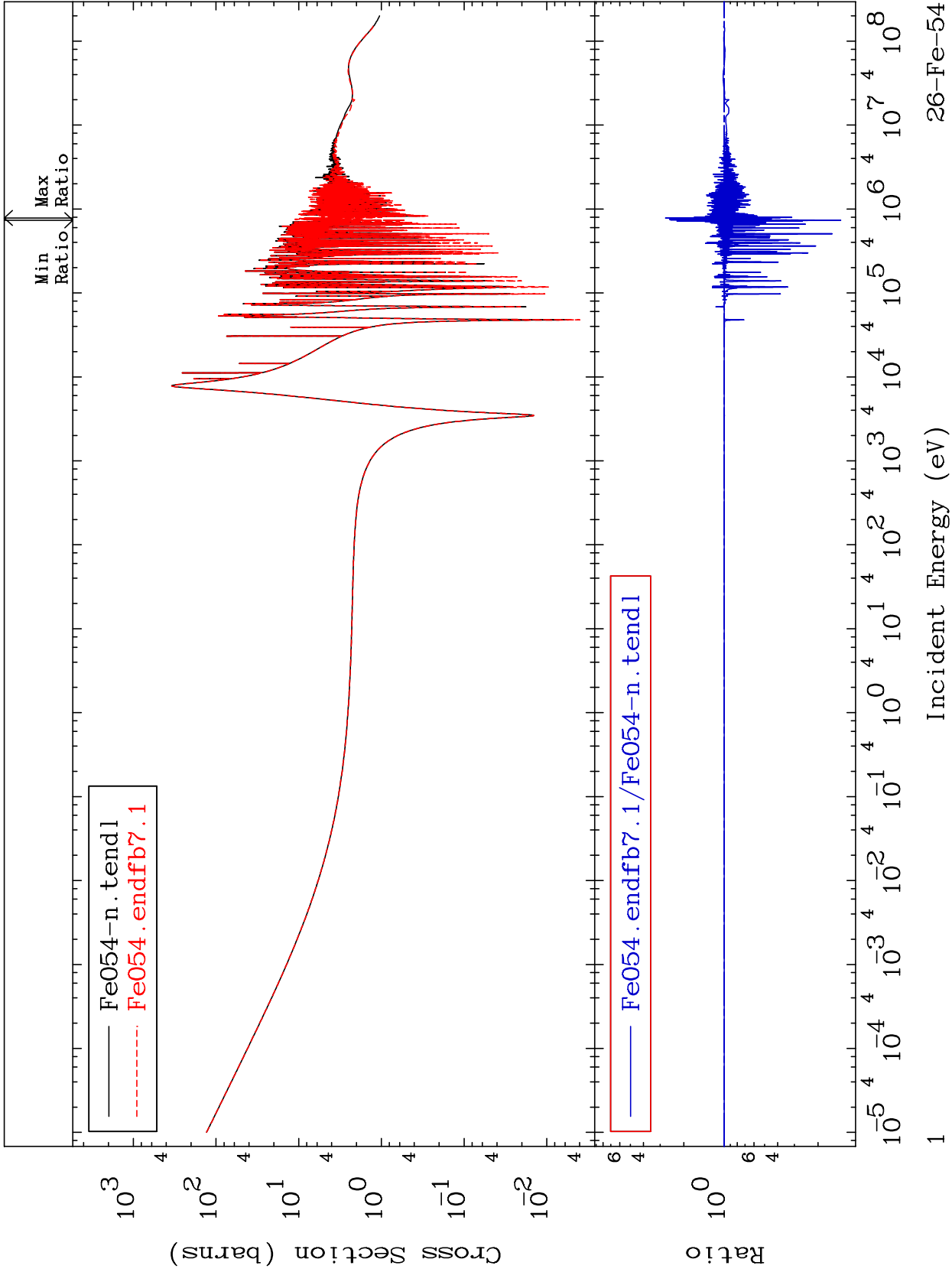


MAT 2625

Total
Cross Section

26-Fe-54
-86.42 To 173.8 %

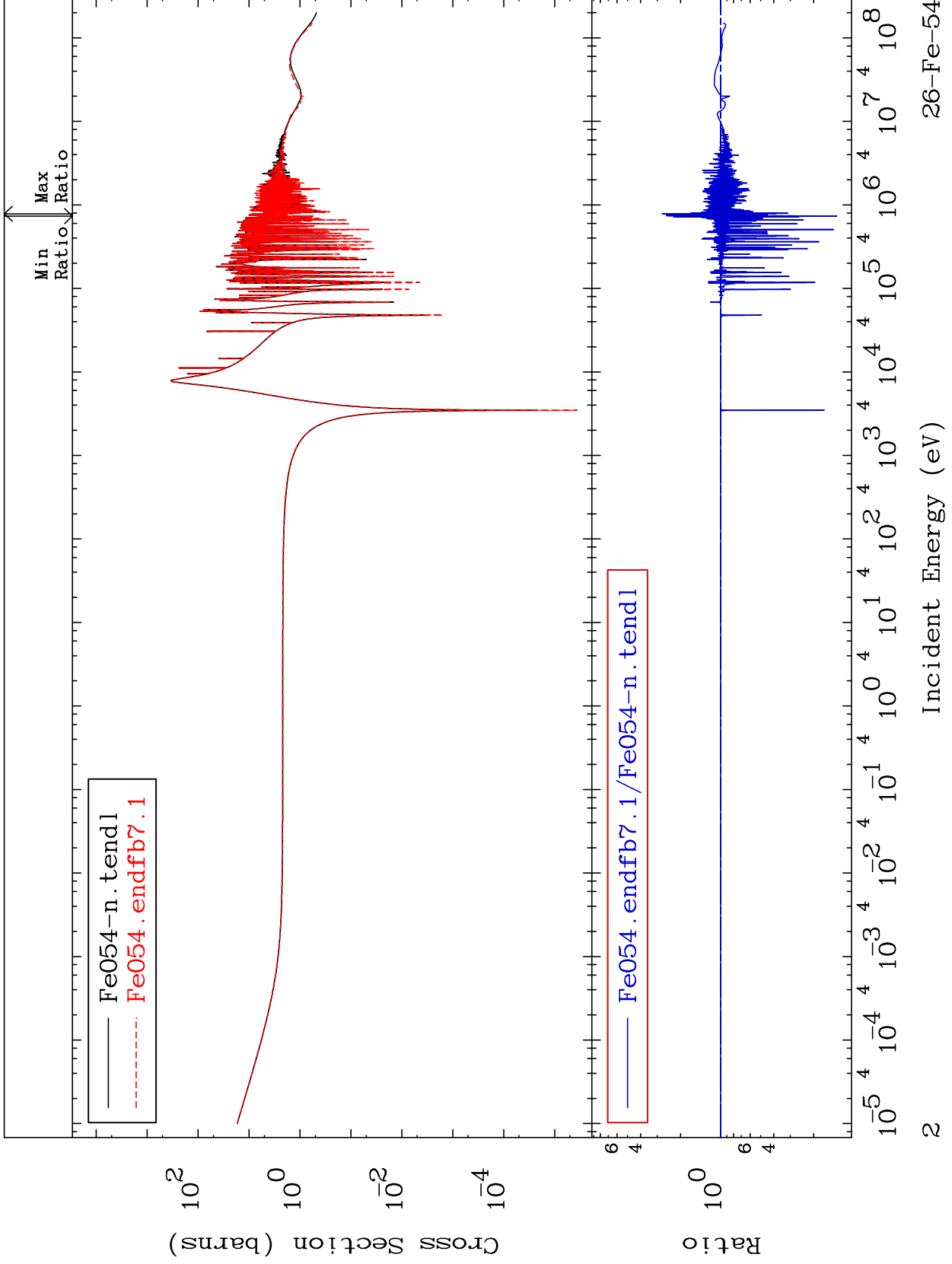


26-Fe-54

MAT 2625

Elastic
Cross Section

$^{26}\text{Fe-54}$
-86.55 To 174.4 %



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

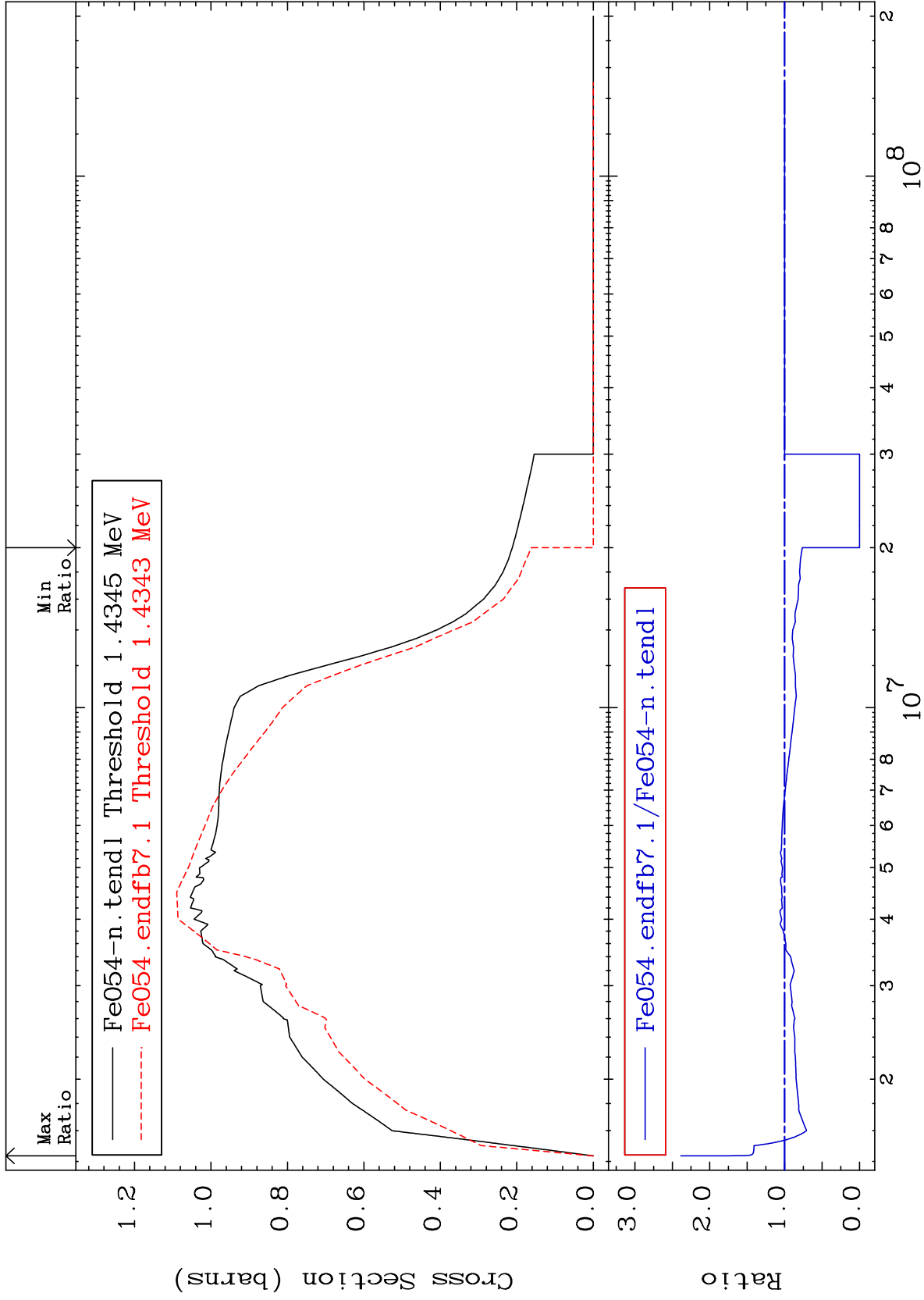
Incident Energy (eV)

2

MAT 2625

Inelastic
Cross Section

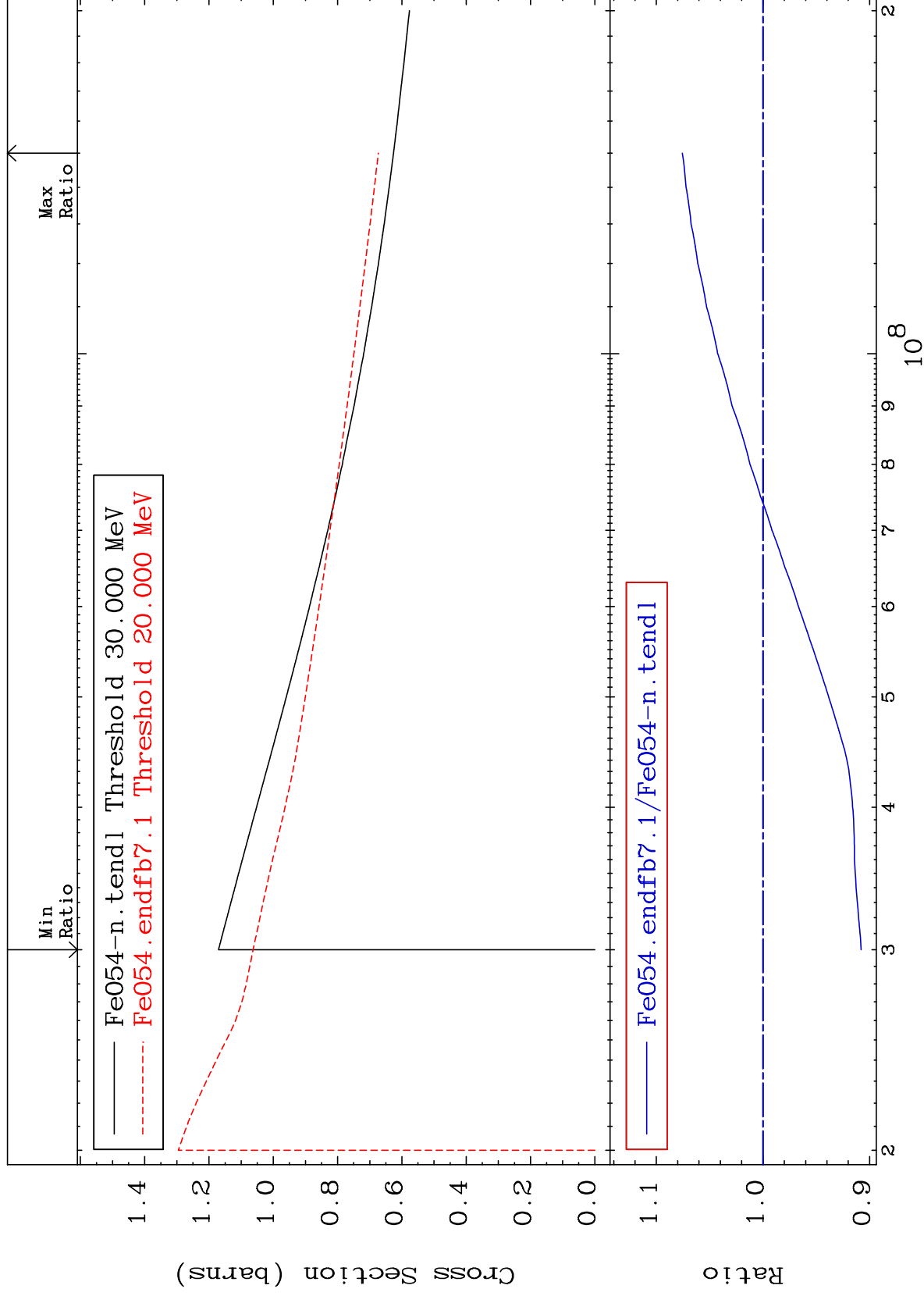
²⁶Fe-54
-100.0 To 138.7 %



MAT 2625

(n, remainder)
Cross Section

26-Fe-54
-9.203 To 7.563 %



4

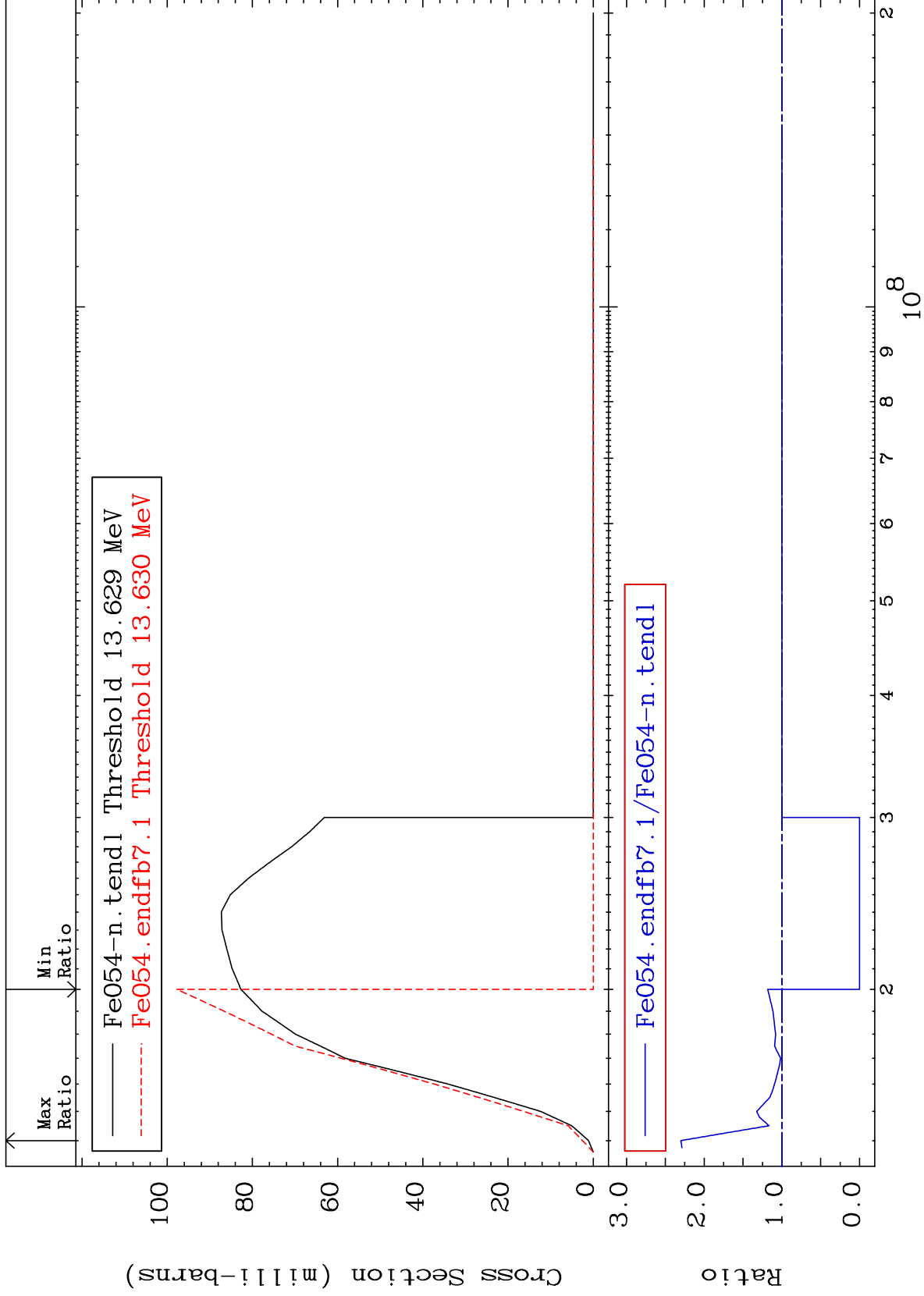
Incident Energy (eV)

26-Fe-54

MAT 2625

(n,2n)
Cross Section

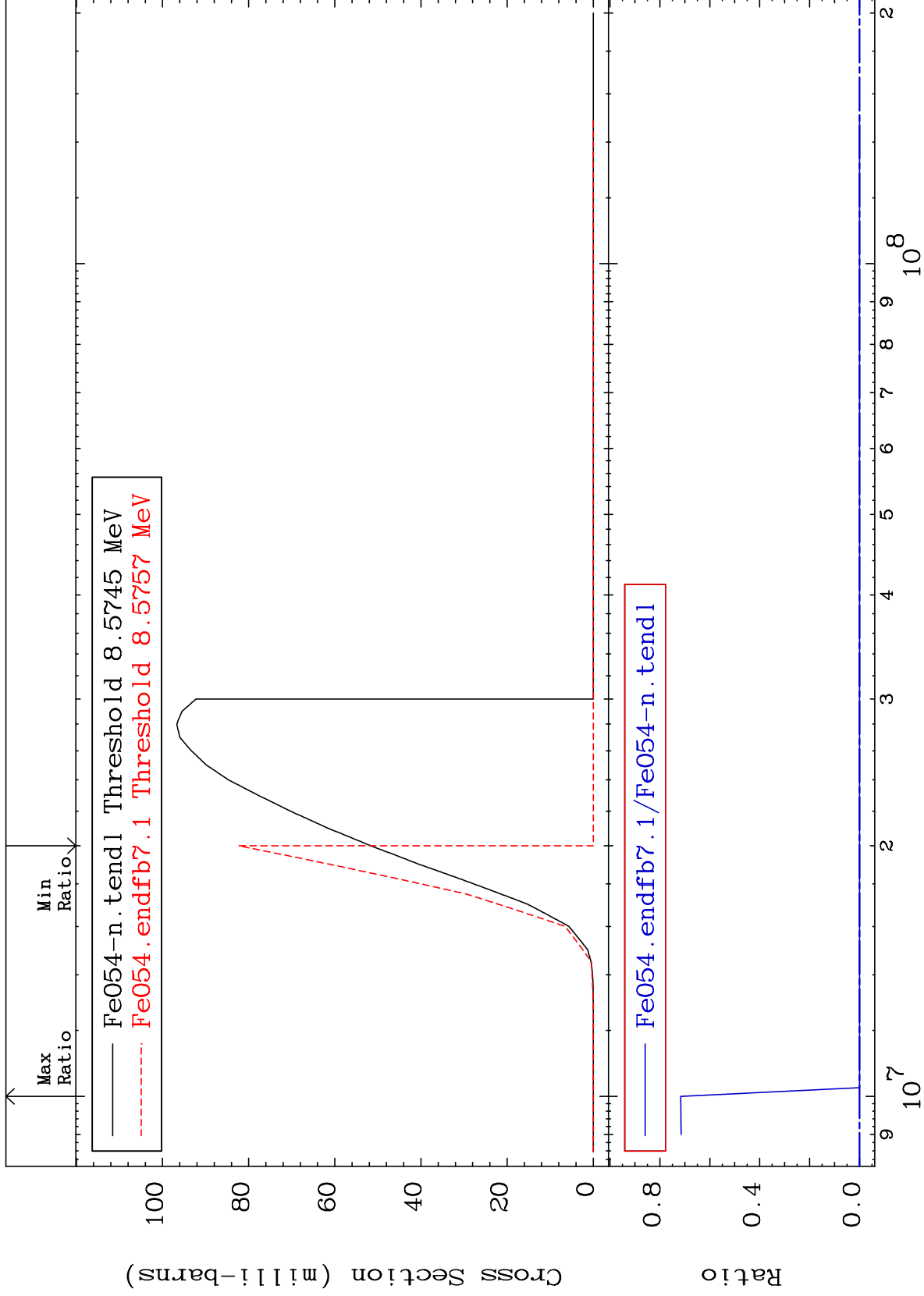
²⁶Fe-54
-100.0 To 130.2 %



MAT 2625

(n, n') α
Cross Section

²⁶Fe-54
-100.0 To 9999. %



6

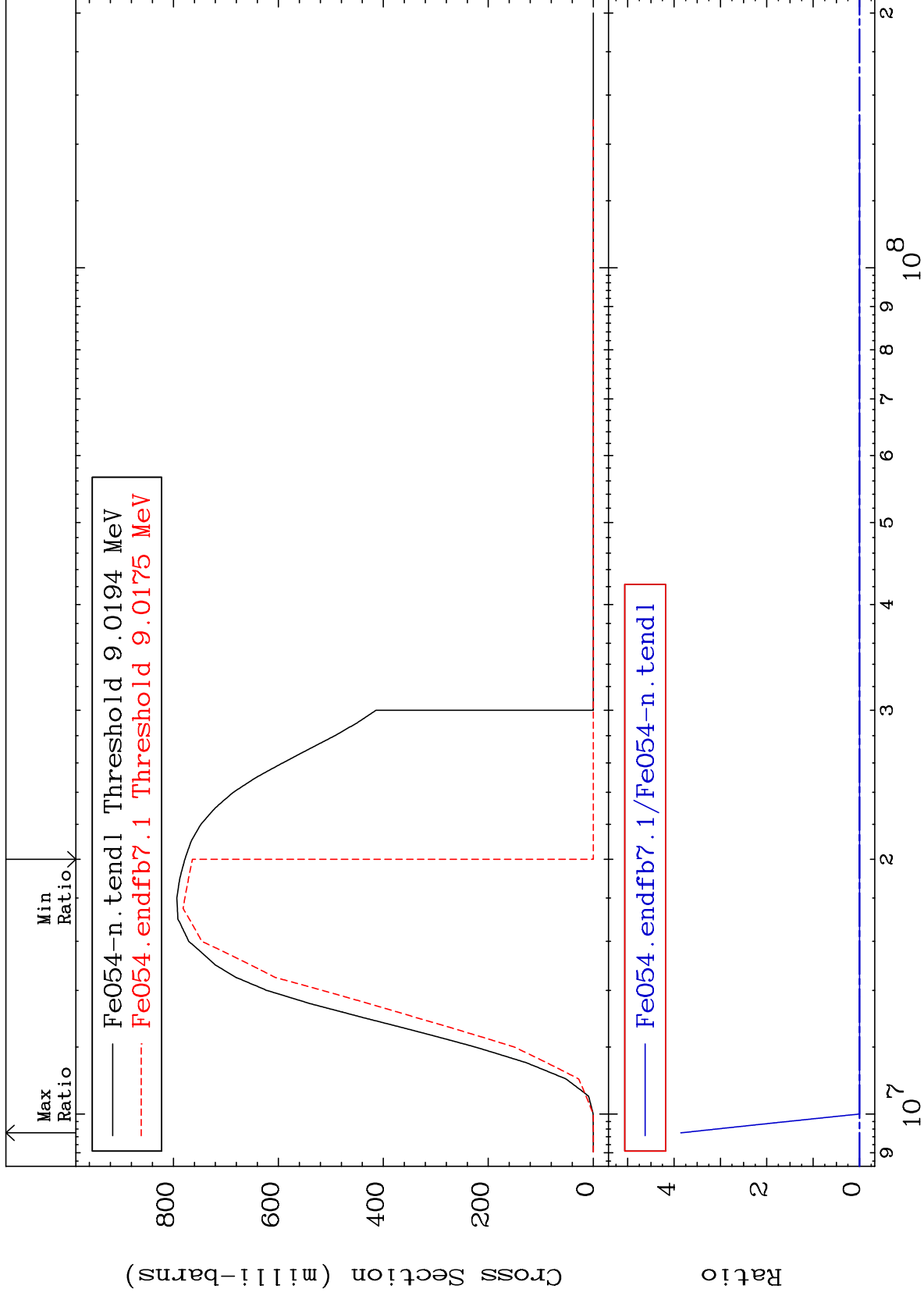
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, n') p
Cross Section

²⁶Fe-54
-100.0 To 9999. %



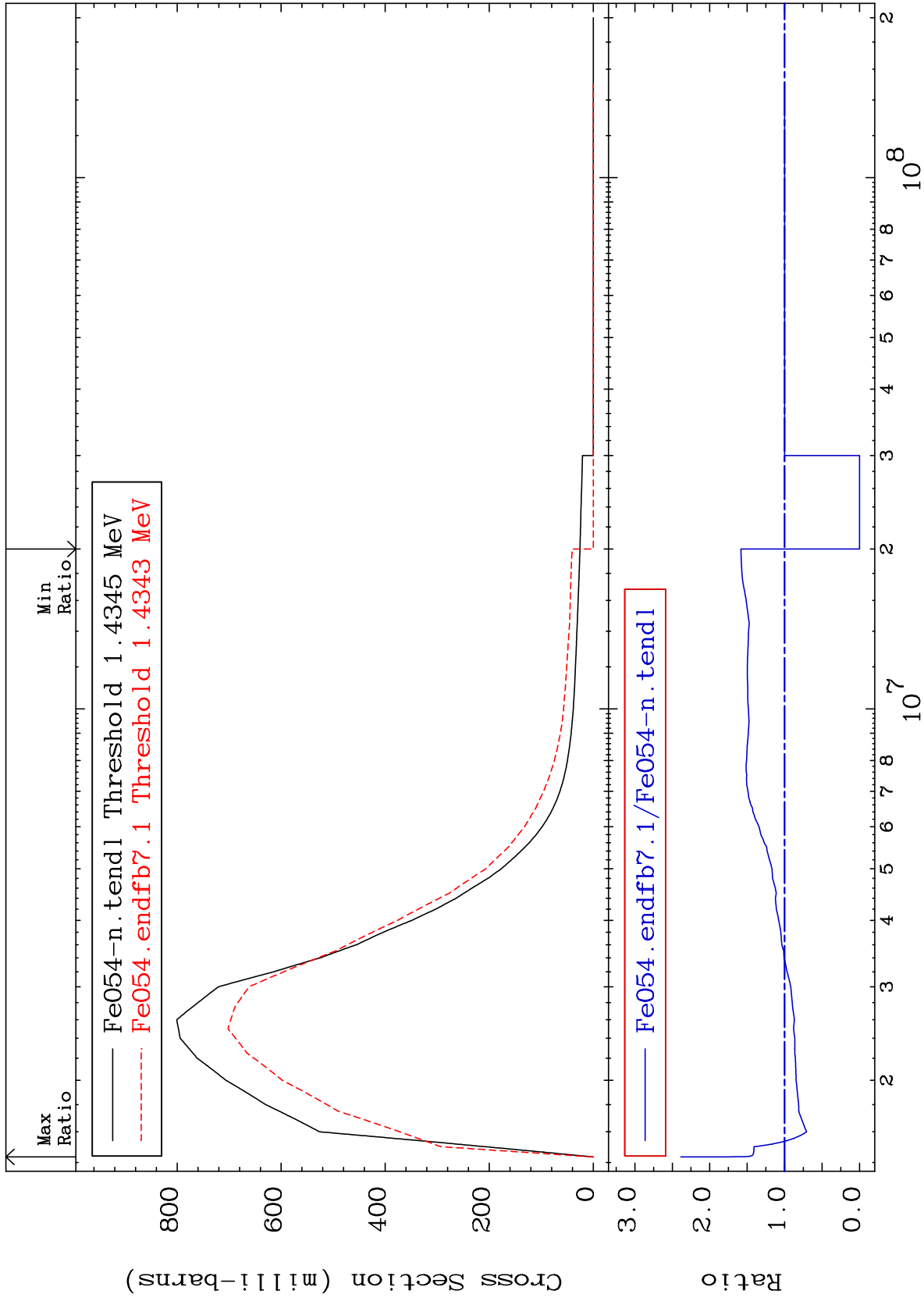
Incident Energy (eV)

²⁶Fe-54

MAT 2625

1.408 MeV (n,n') Level
Cross Section

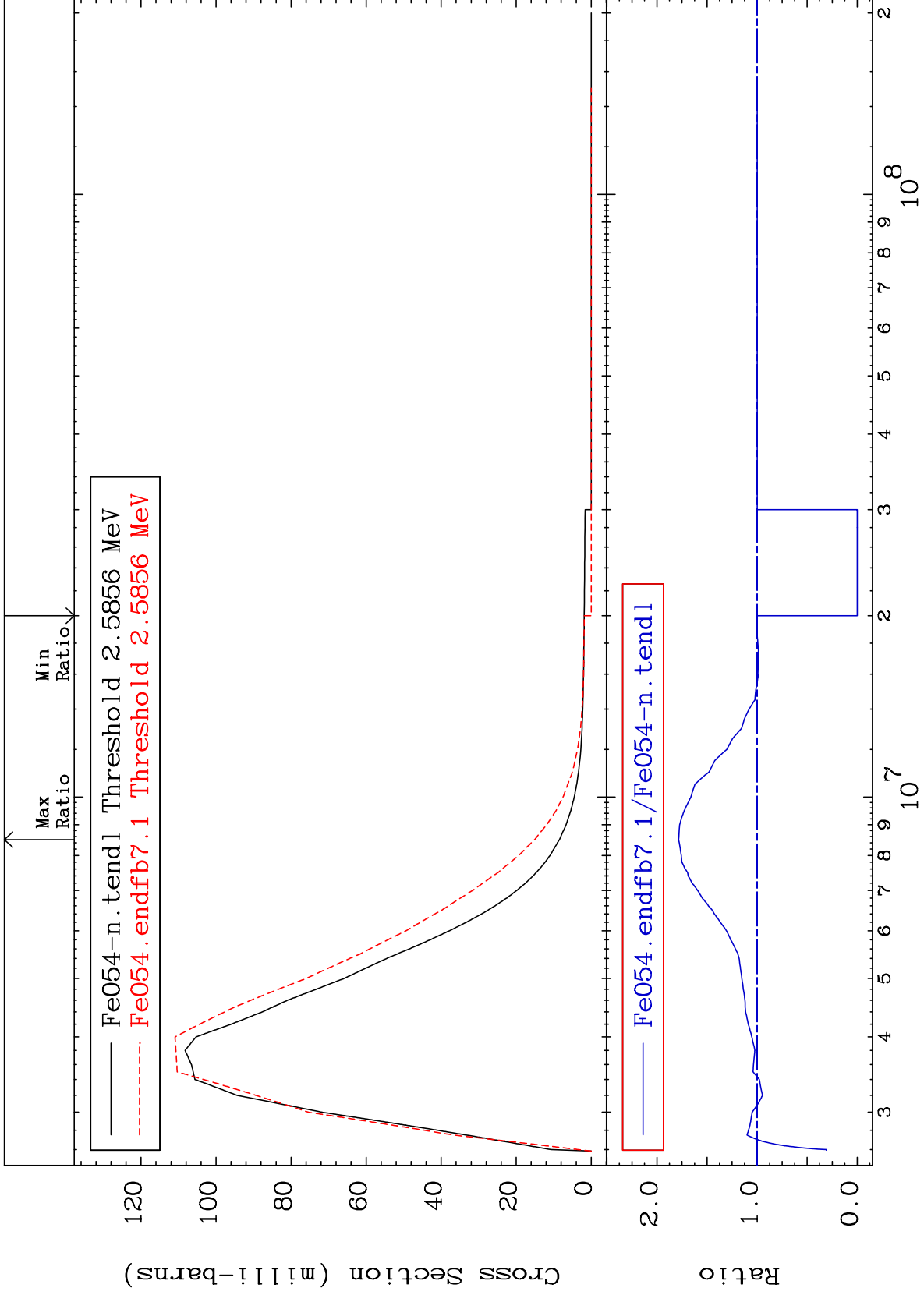
²⁶Fe-54
-100.0 To 138.7 %



MAT 2625

2.538 MeV (n,n') Level
Cross Section

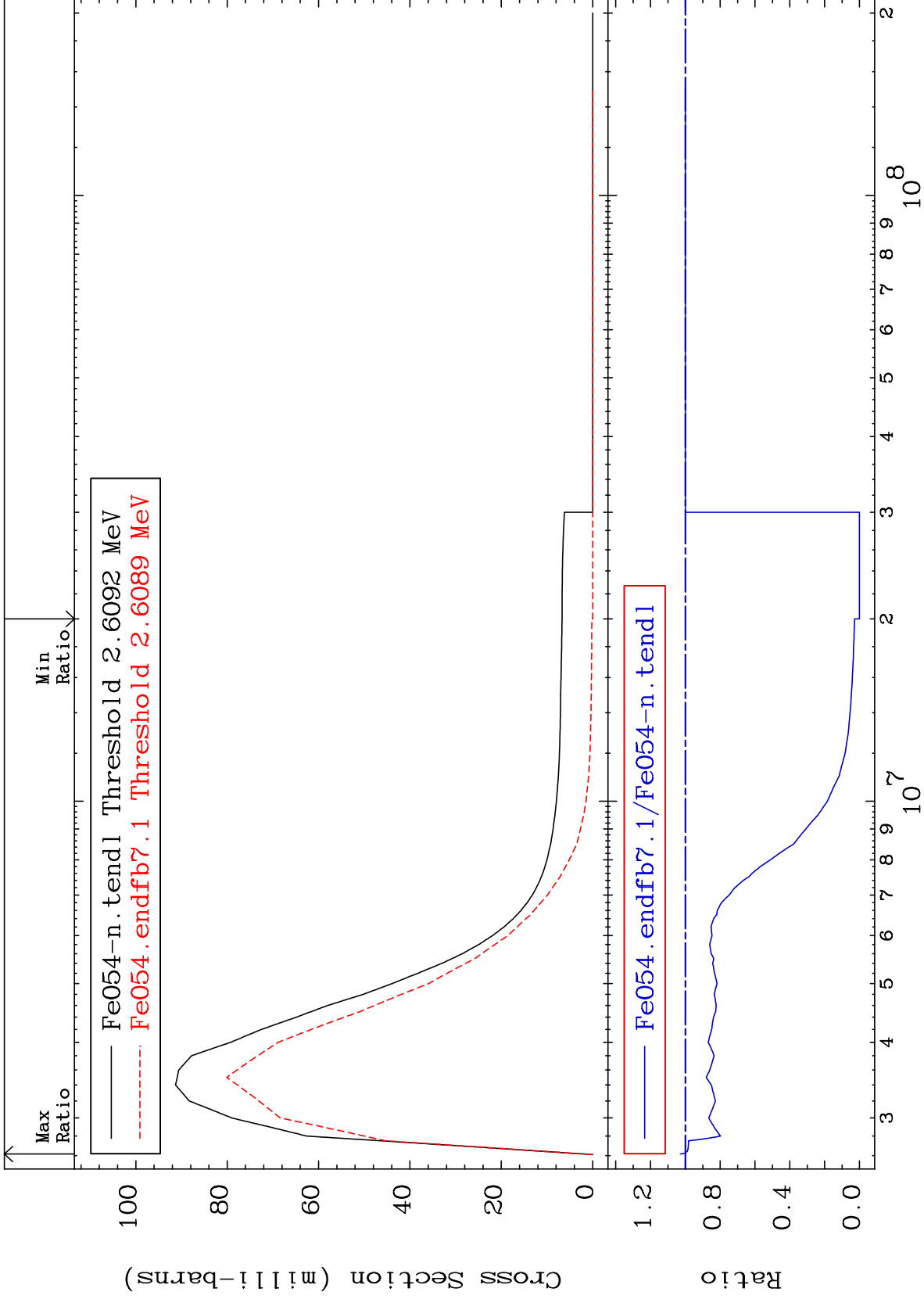
²⁶Fe-54
-100.0 To 78.36 %



MAT 2625

2.561 MeV (n,n') Level
Cross Section

26-Fe-54
-100.0 To 2.893 %

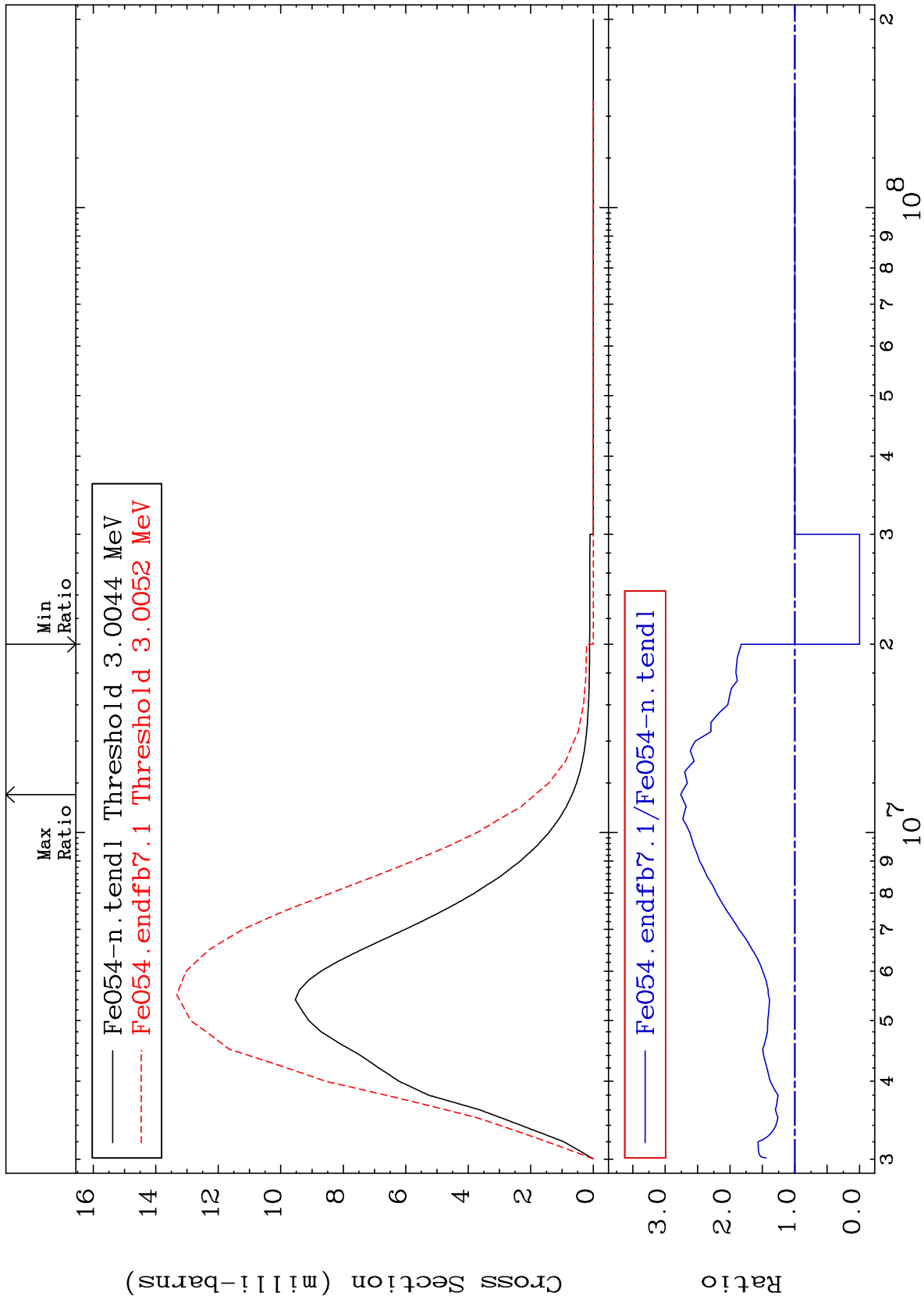


10

Incident Energy (eV)

26-Fe-54

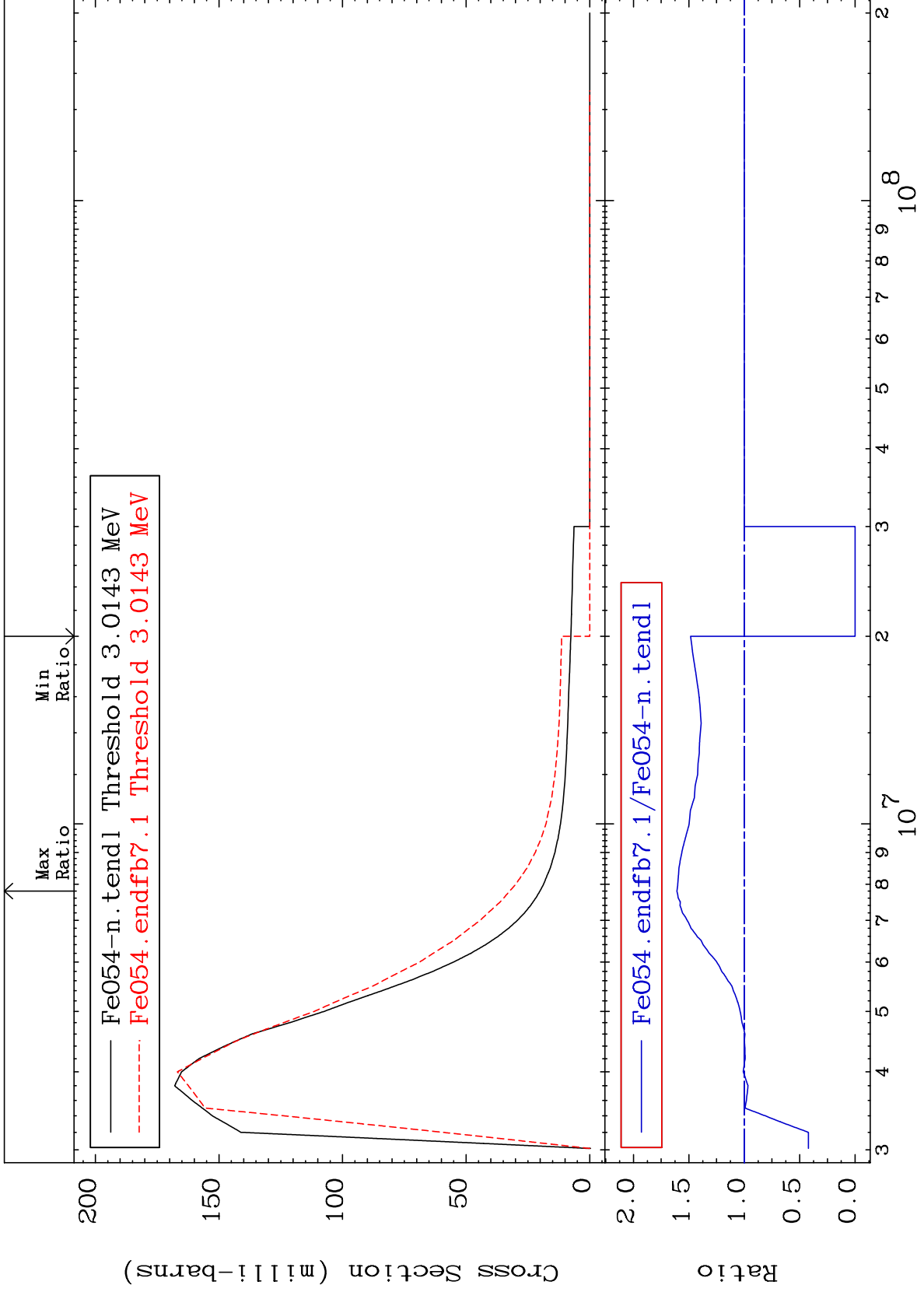
MAT 2625 2.949 MeV (n,n') Level 26-Fe-54
 Cross Section -100.0 To 175.9 %



MAT 2625

2.959 MeV (n,n') Level
Cross Section

26-Fe-54
-100.0 To 60.81 %



12

Incident Energy (eV)

26-Fe-54

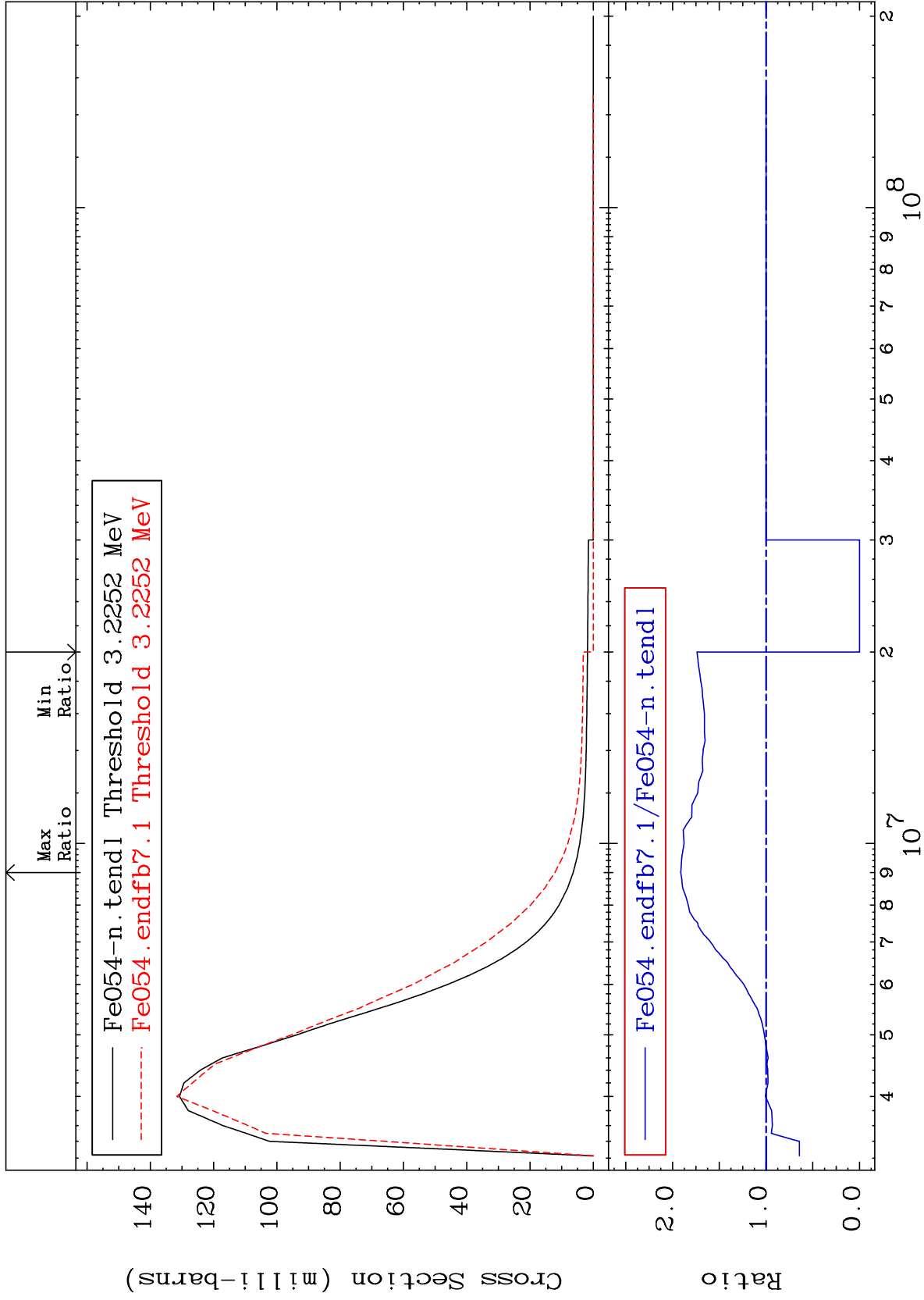
MAT 2625

3.166 MeV (n,n') Level

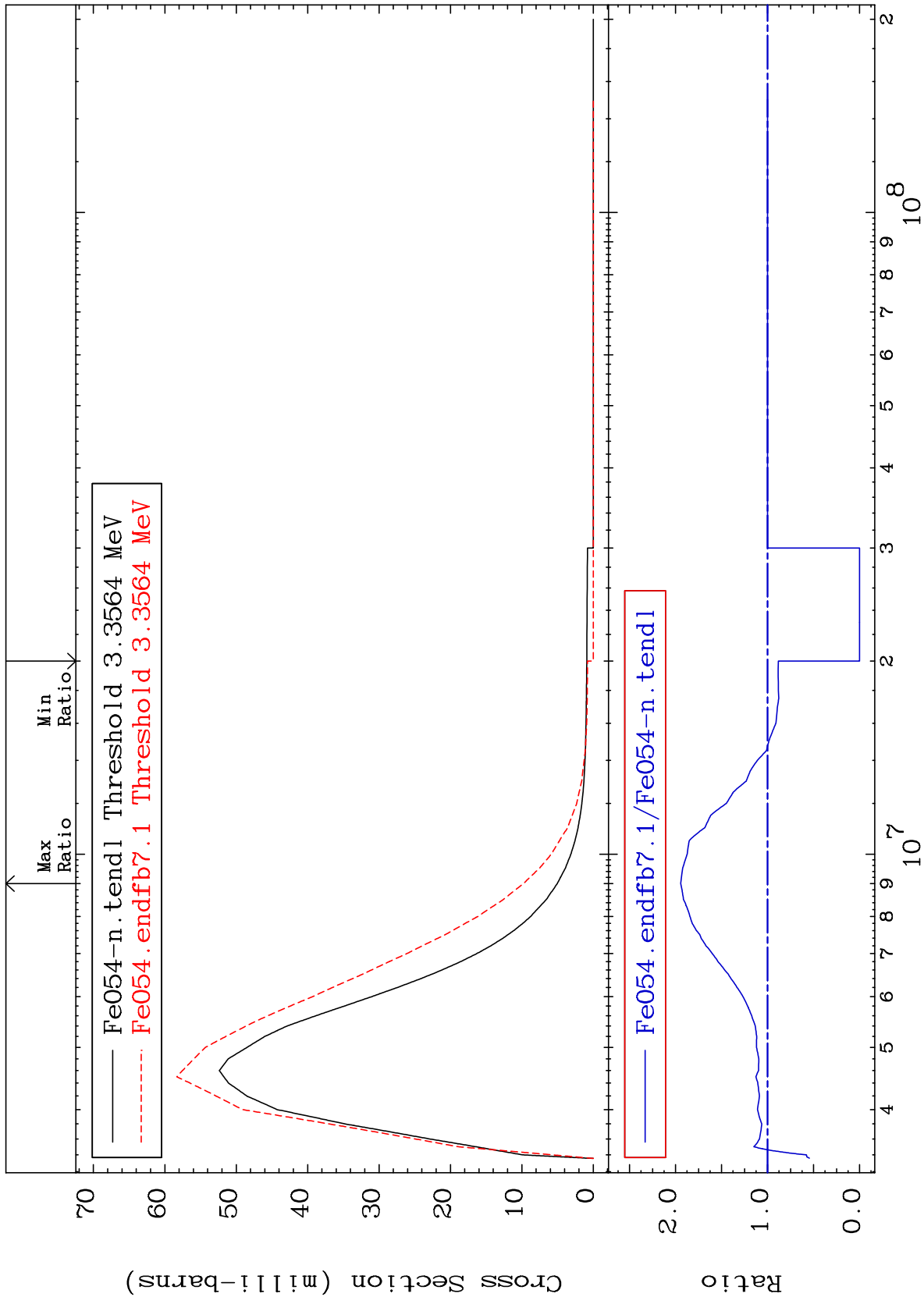
²⁶Fe-54

-100.0 To 91.18 %

Cross Section

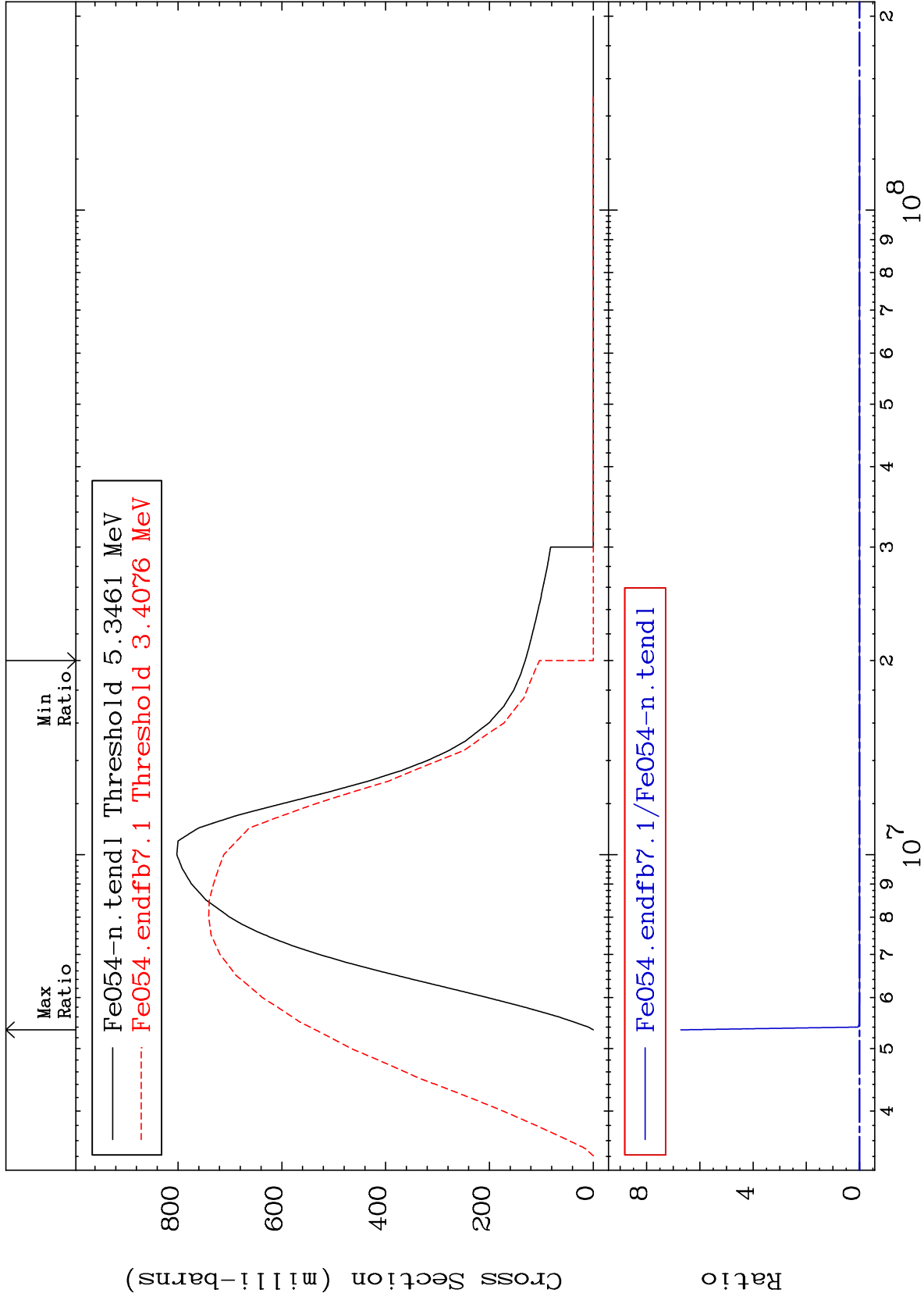


MAT 2625 3.295 MeV (n,n') Level 26-Fe-54
 Cross Section -100.0 To 94.33 %



14 Incident Energy (eV) 26-Fe-54

MAT 2625 (n, n') Continuum Cross Section 26-Fe-54 -100.0 To 9999. %

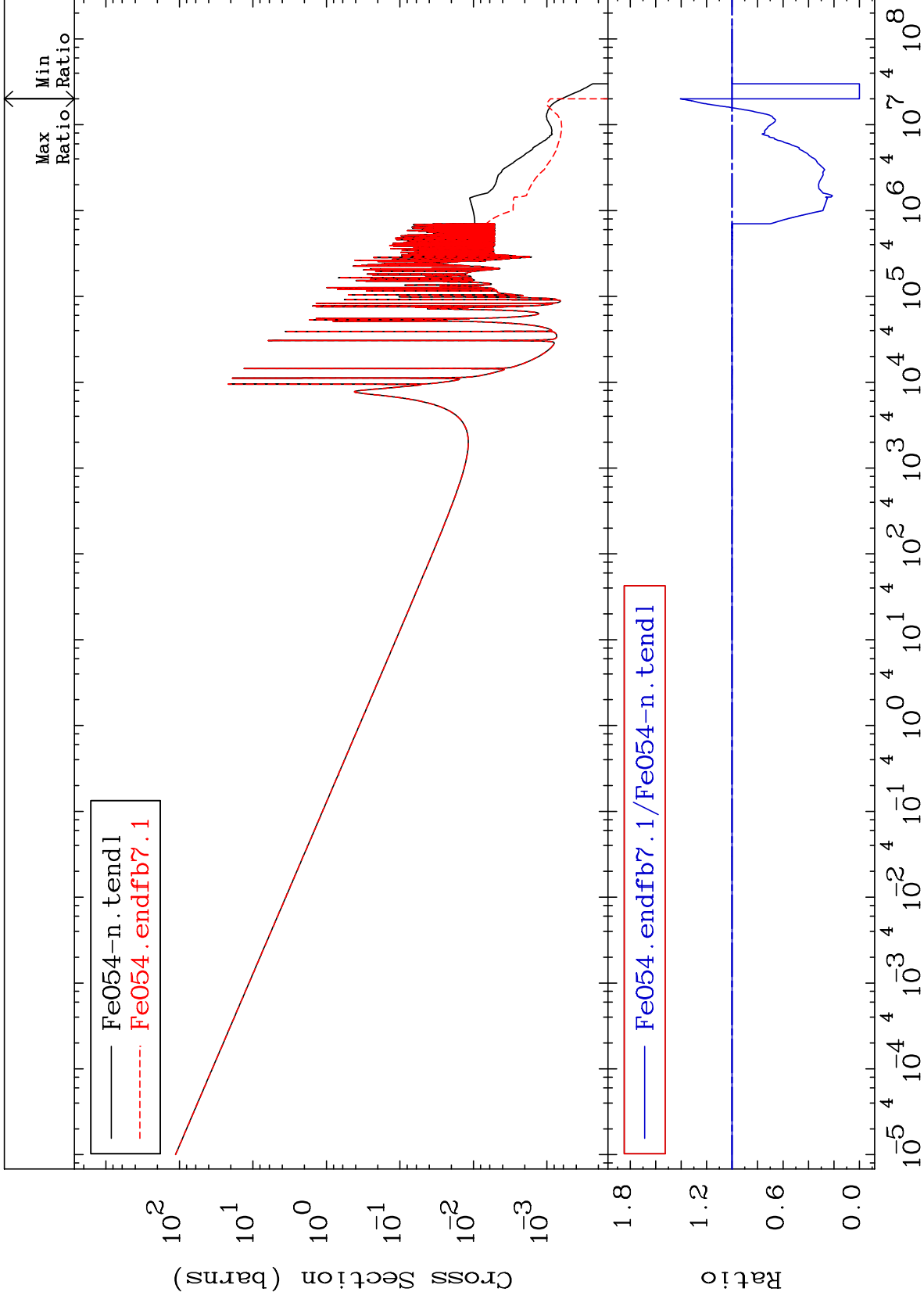


15 26-Fe-54

MAT 2625

(n, γ)
Cross Section

26-Fe-54
-100.0 To 40.61 %



16

Incident Energy (eV)

26-Fe-54

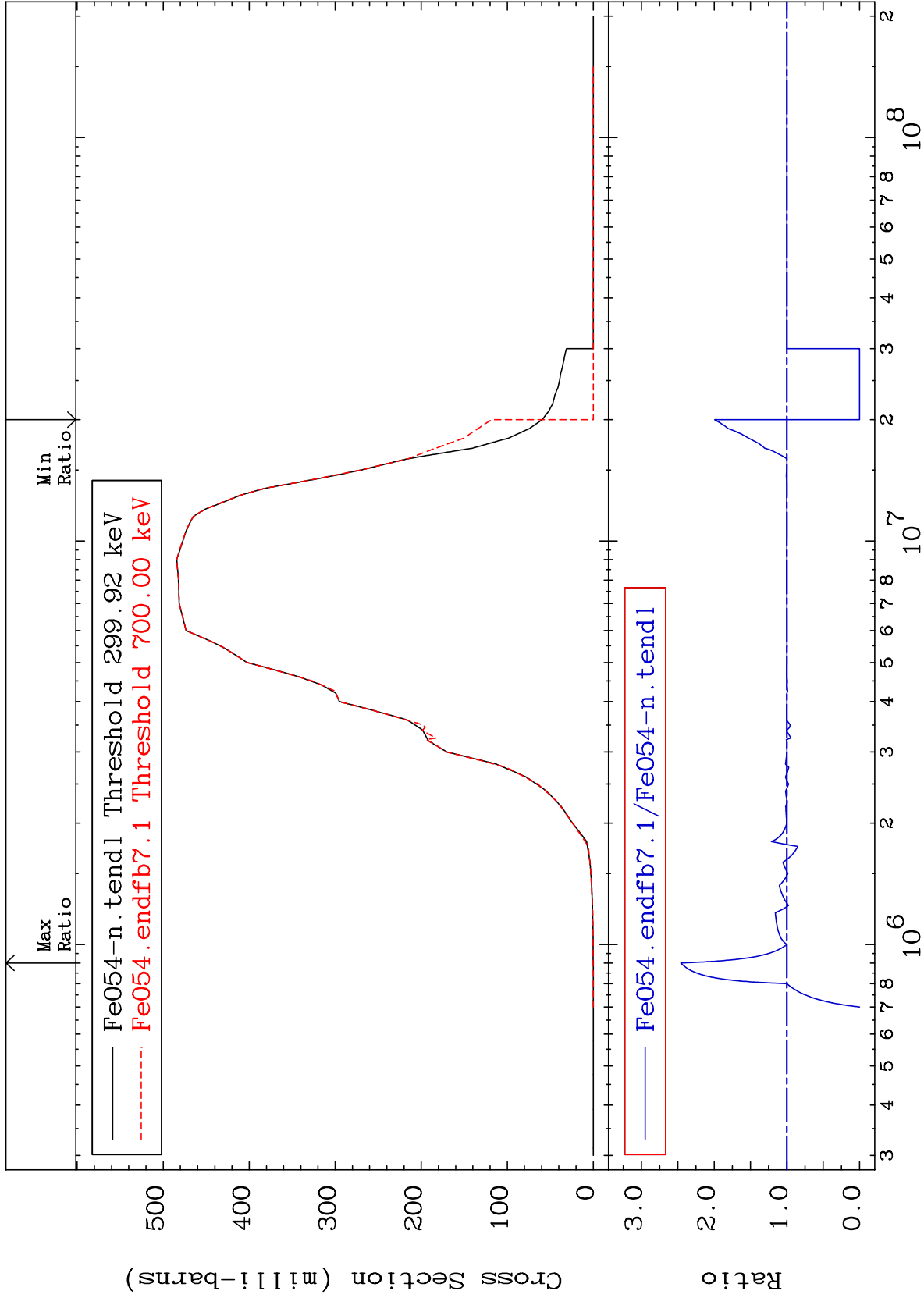
MAT 2625

(n,p)

²⁶Fe-54

Cross Section

-100.0 To 145.9 %



17

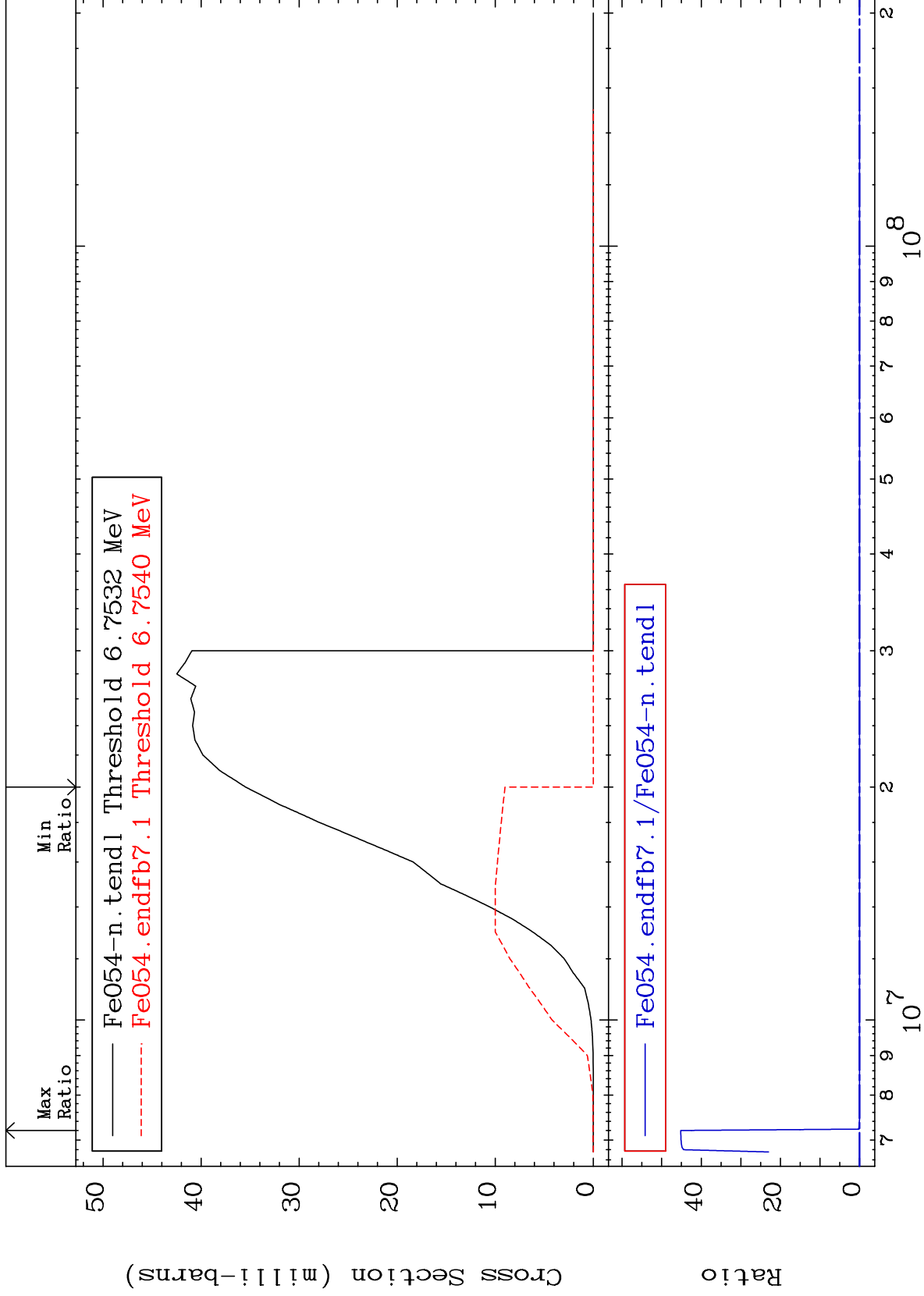
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, d)
Cross Section

²⁶Fe-54
-100.0 To 9999. %



18

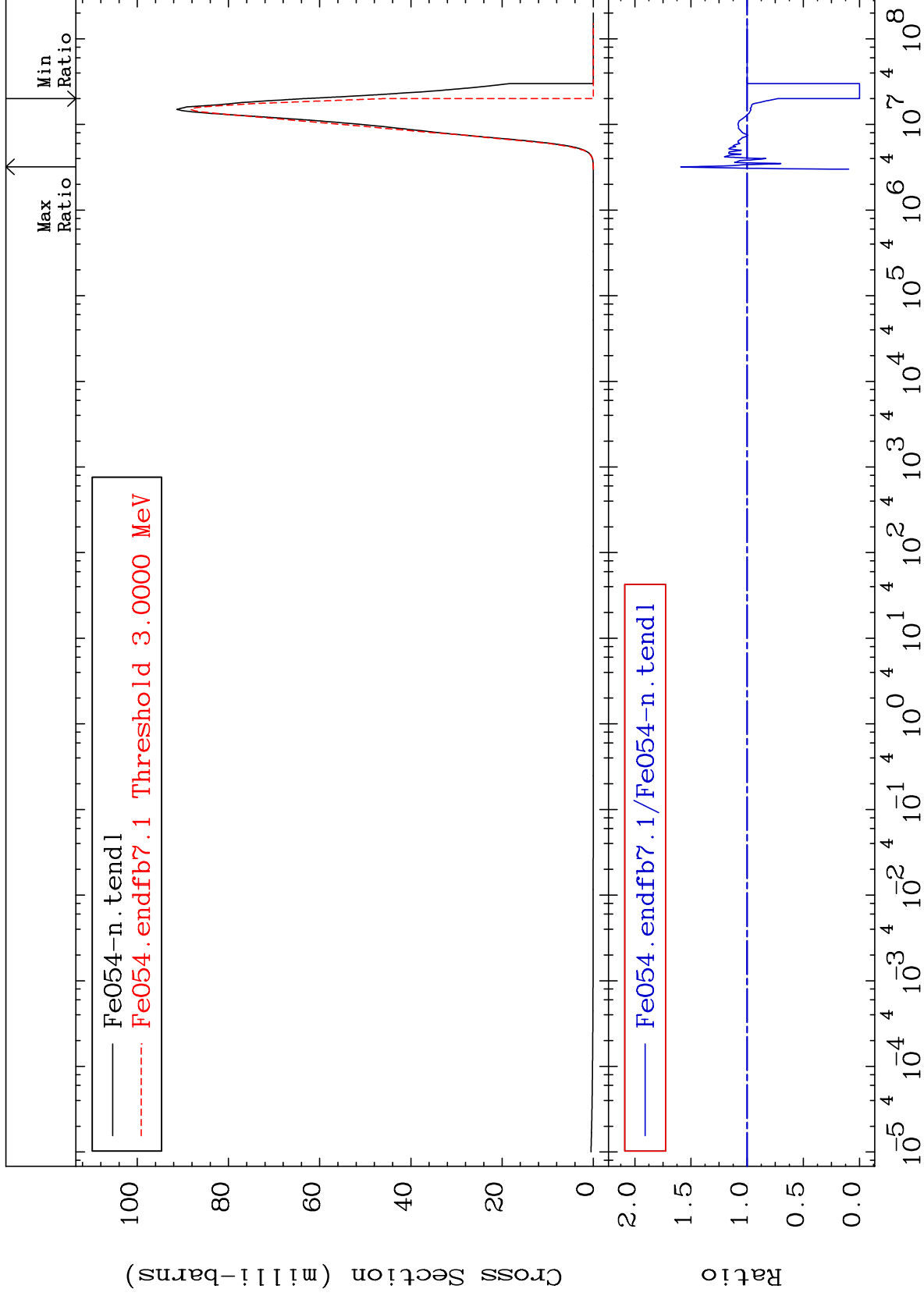
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, α)
Cross Section

26-Fe-54
-100.0 To 59.12 %



19

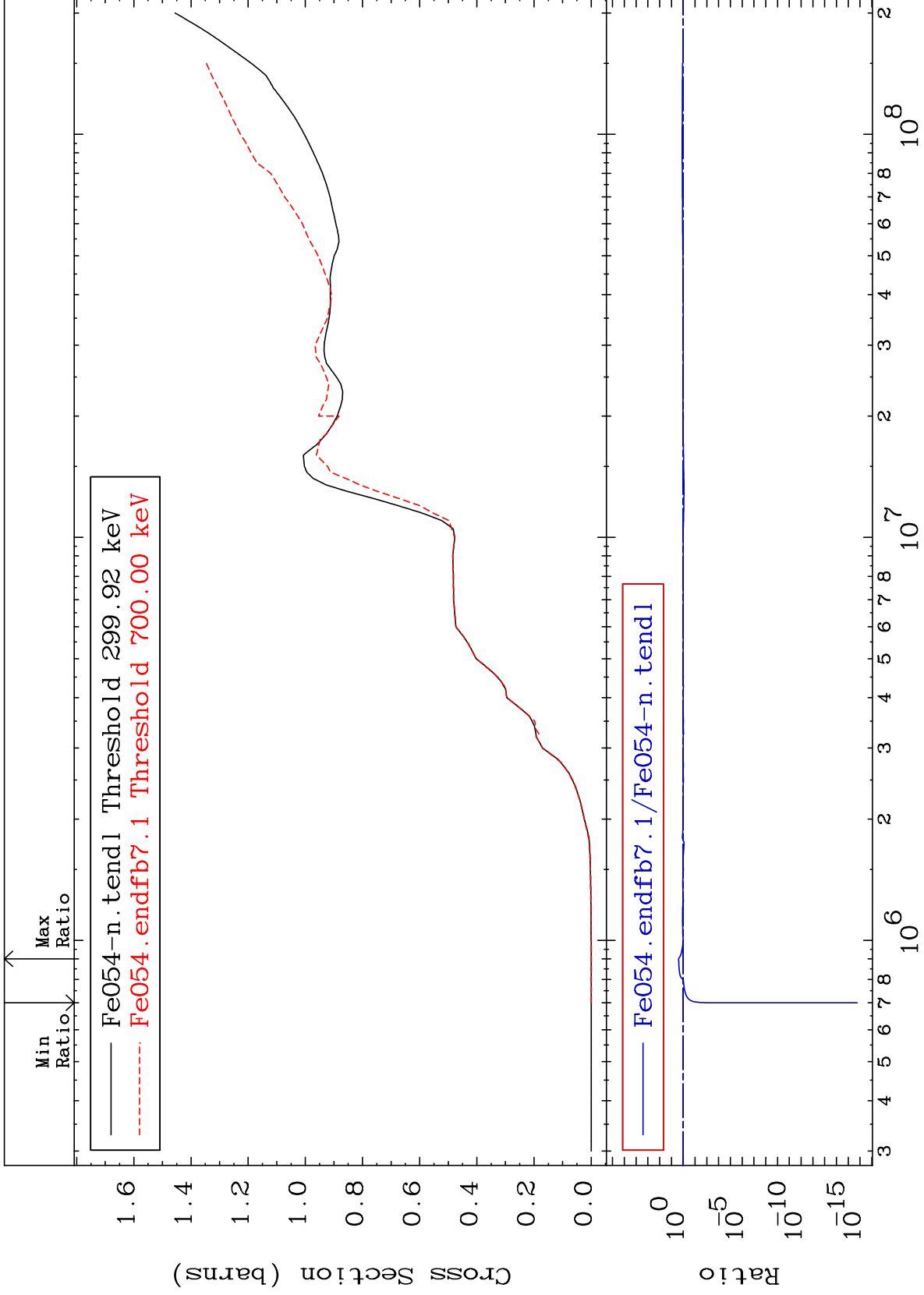
Incident Energy (eV)

26-Fe-54

MAT 2625

Hydrogen Production
Cross Section

²⁶Fe-54
-100.0 To 145.9 %



20

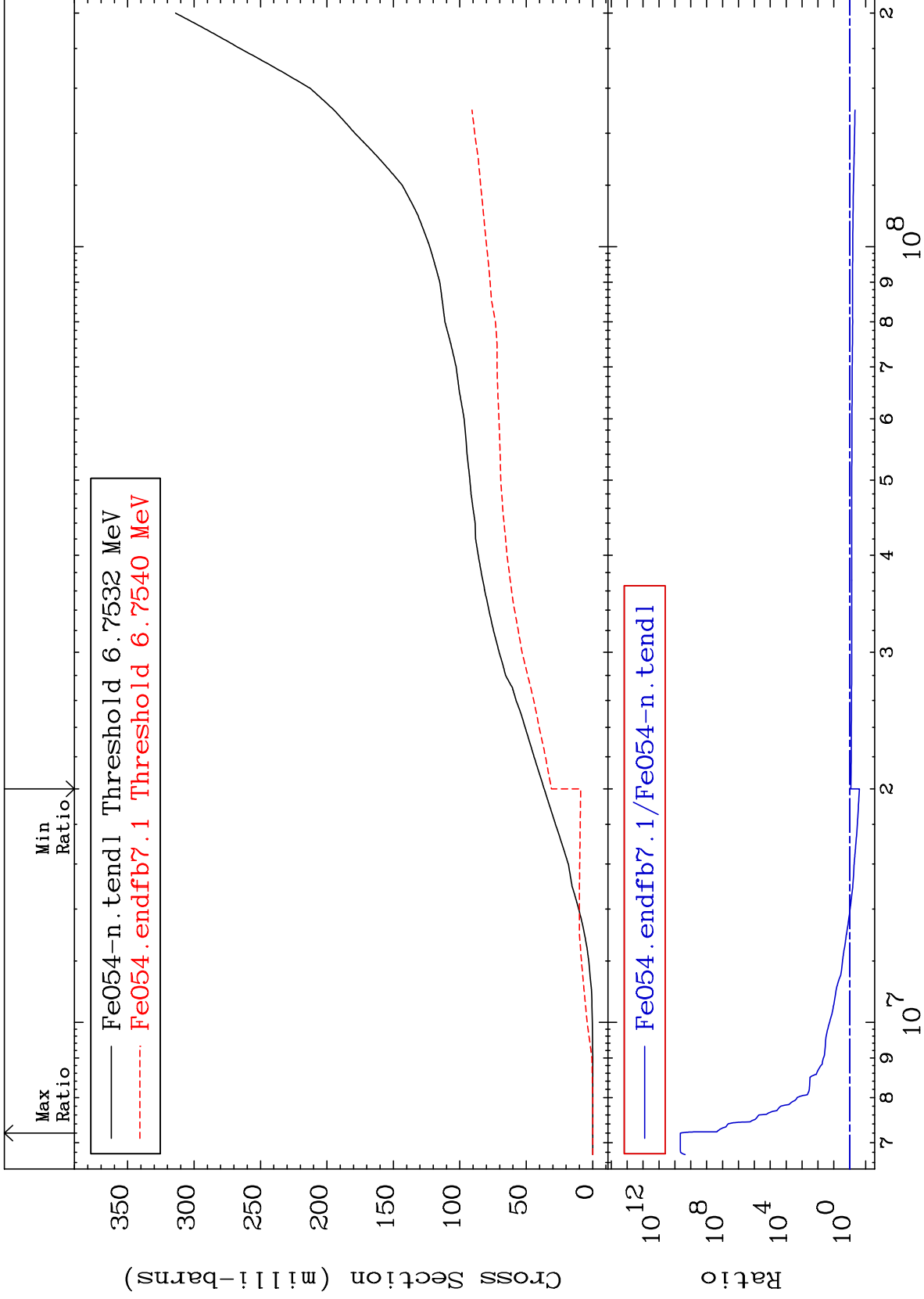
Incident Energy (eV)

²⁶Fe-54

MAT 2625

Deuterium Production Cross Section

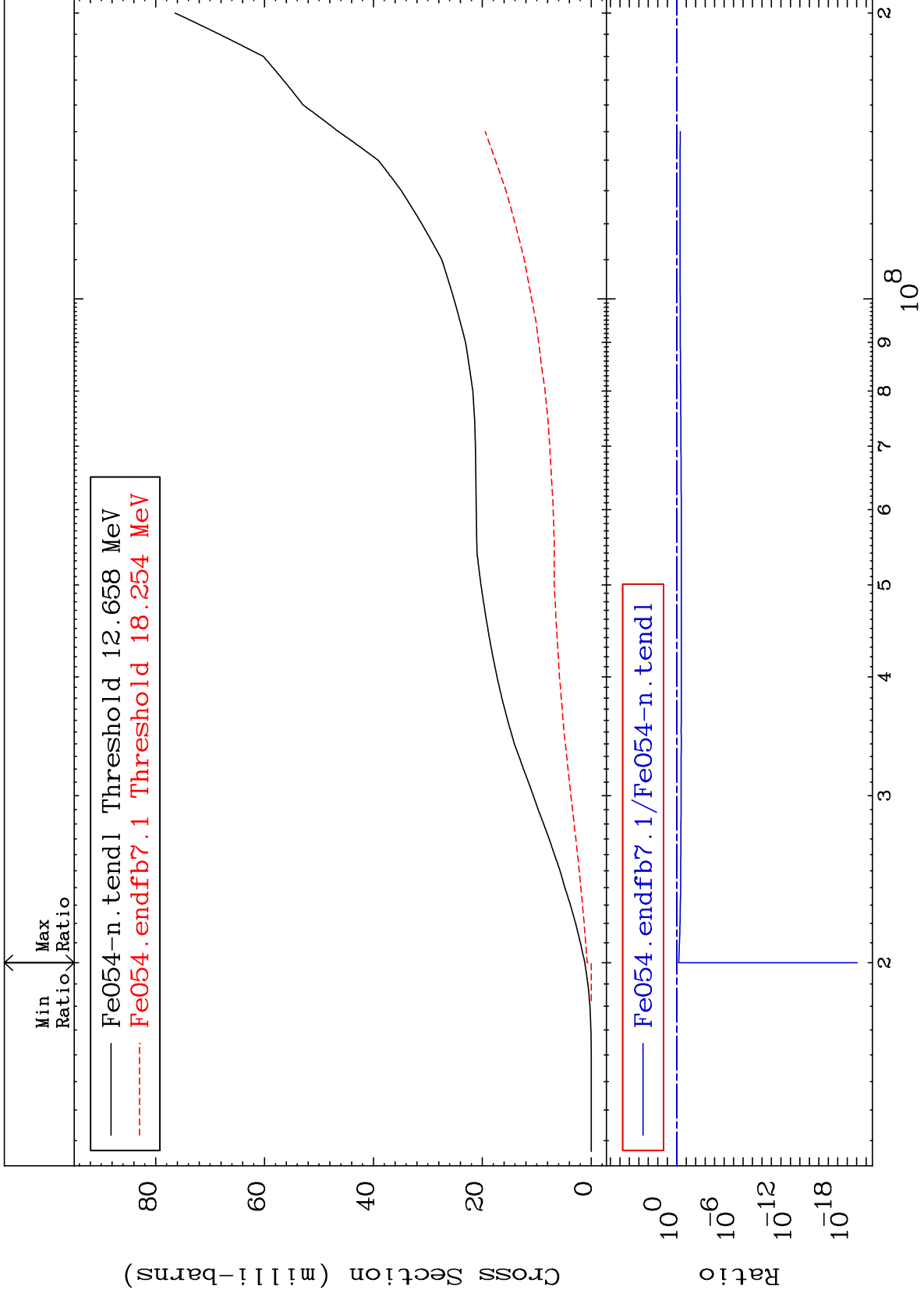
²⁶Fe-54
-75.35 To 9999. %

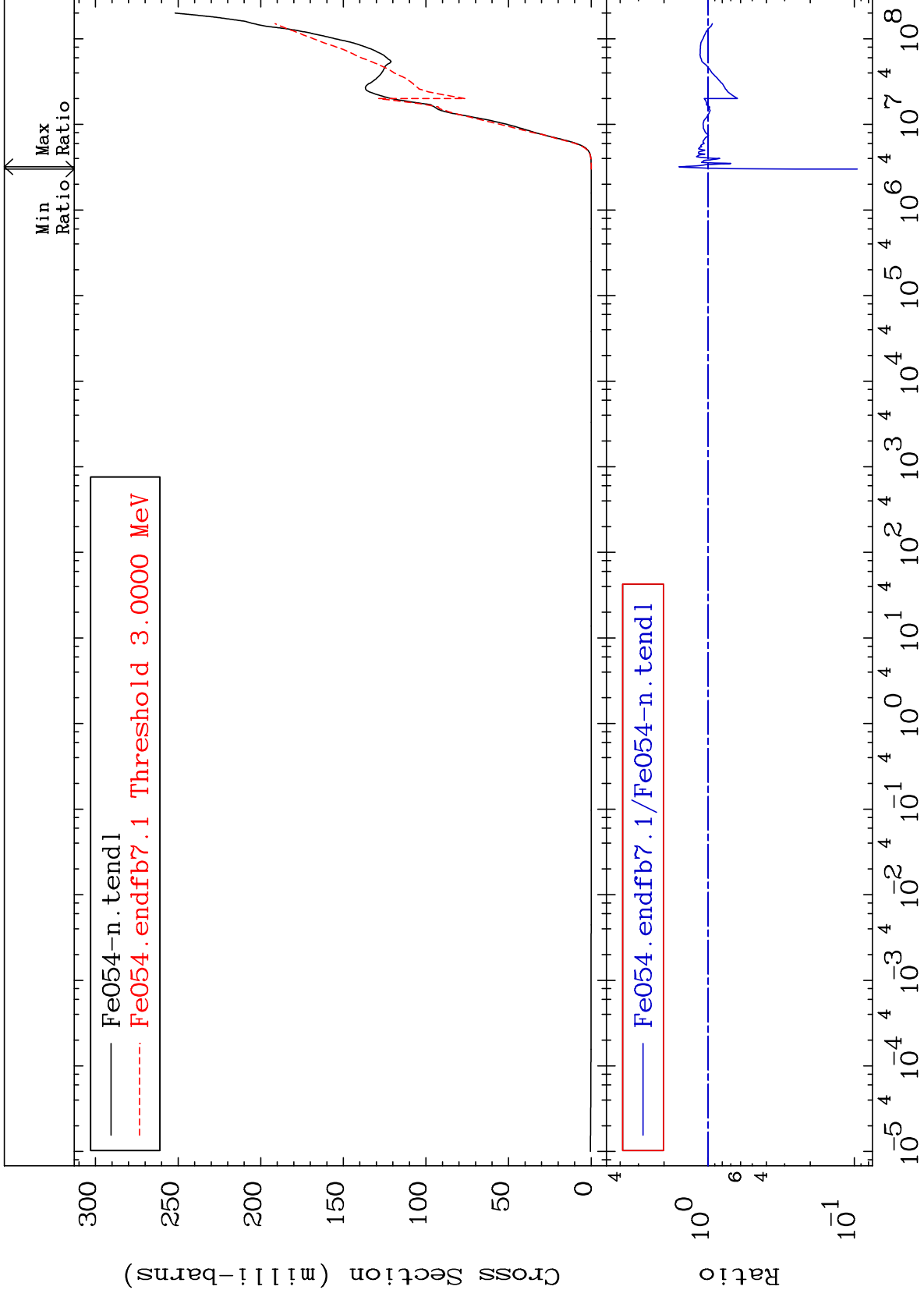


MAT 2625

Tritium Production
Cross Section

$^{26}\text{Fe-54}$
-100.0 To -37.05%

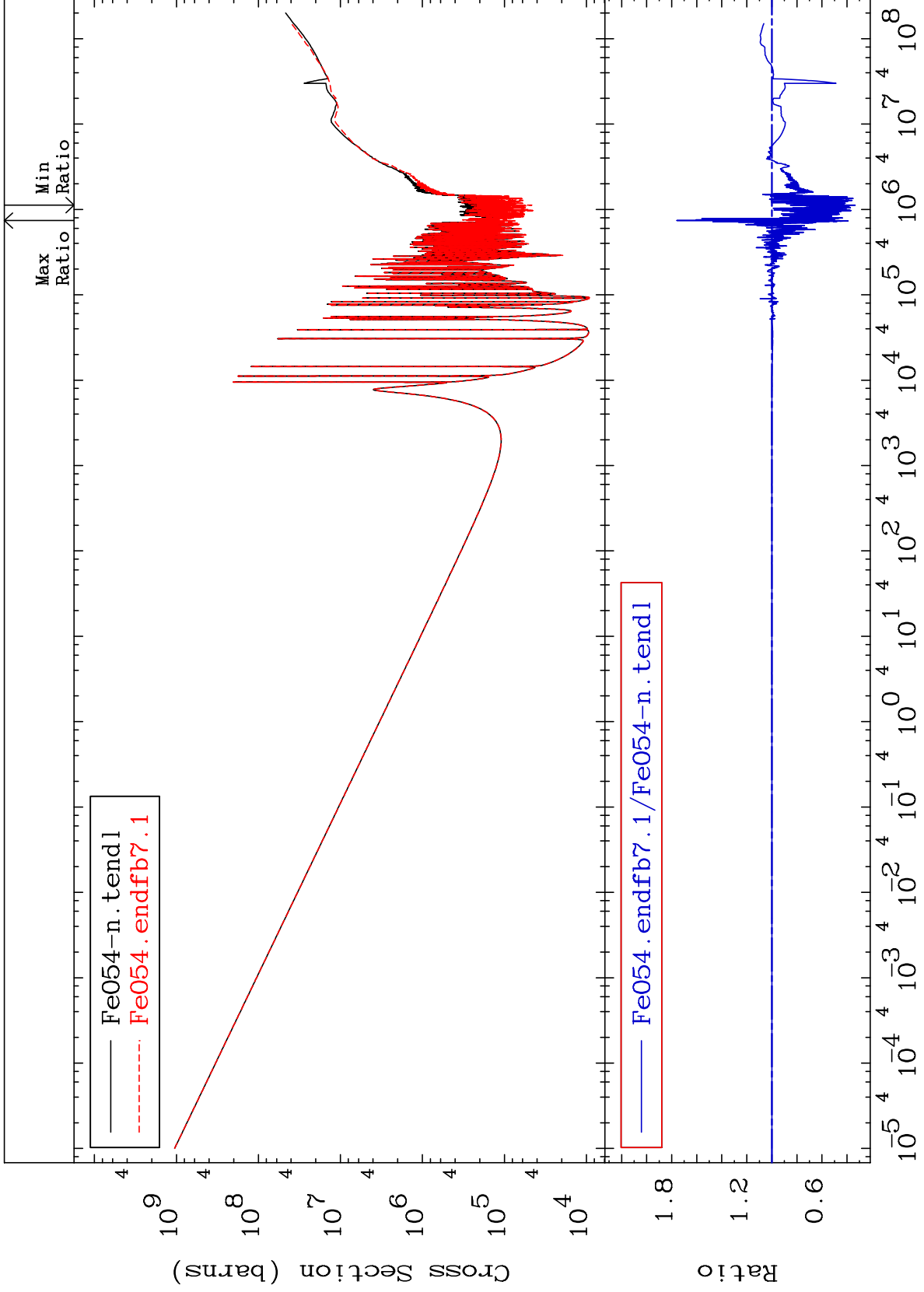




MAT 2625

Kerma total (eV-barns)
Cross Section

26-Fe-54
-66.46 To 75.82 %



24

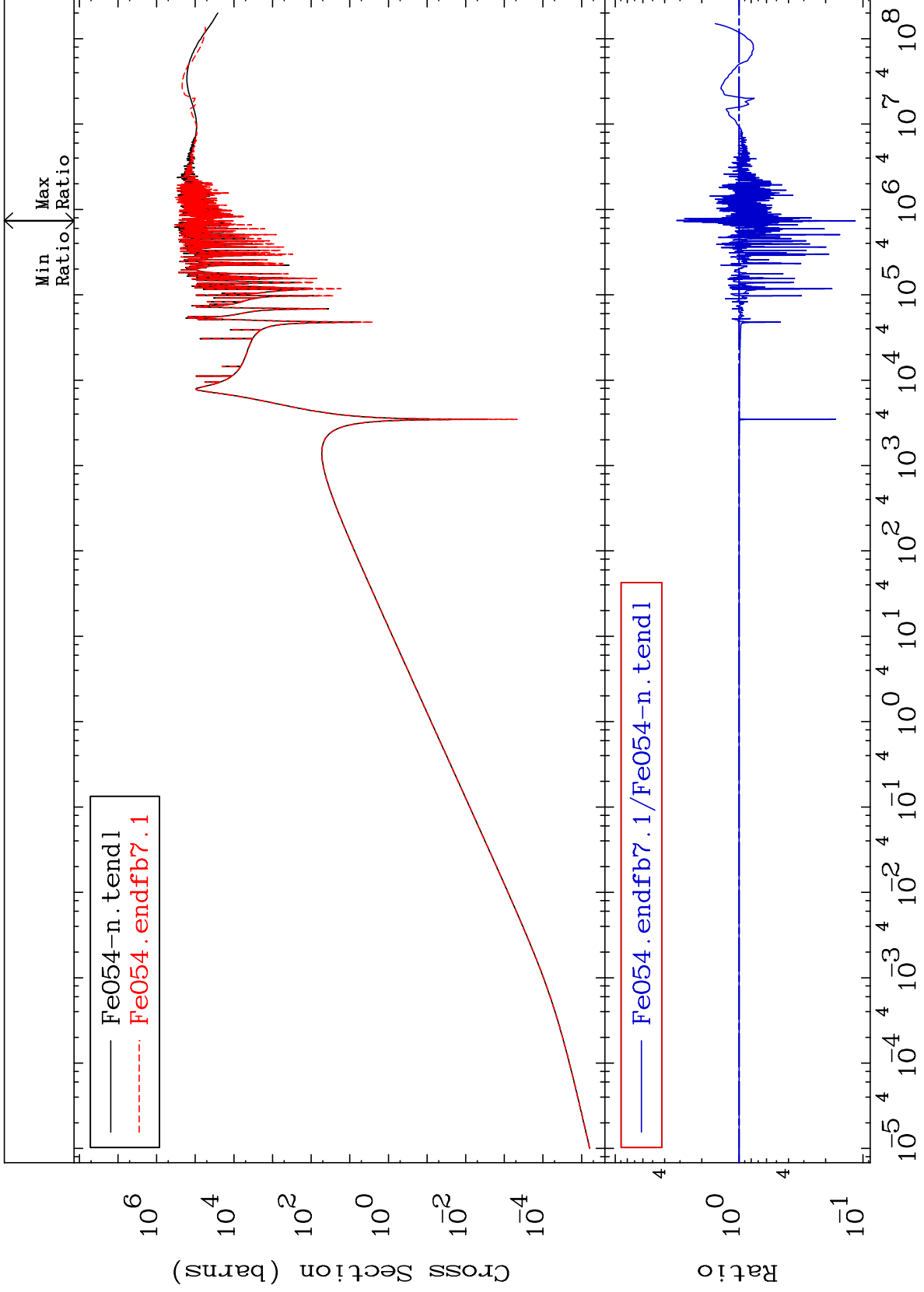
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma elastic
Cross Section

26-Fe-54
-88.43 To 217.9 %



25

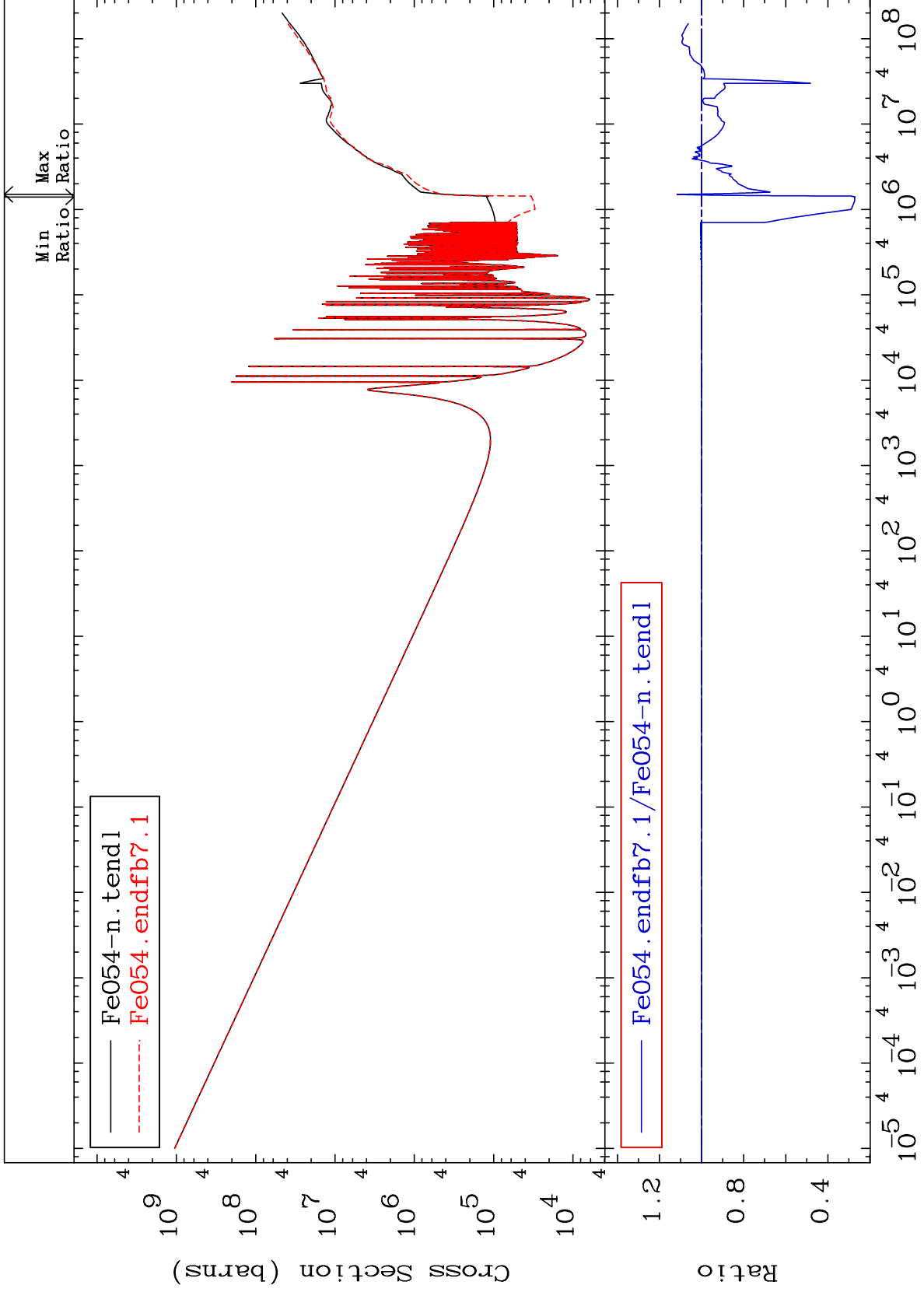
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma non-elastic (all but mt2)
Cross Section

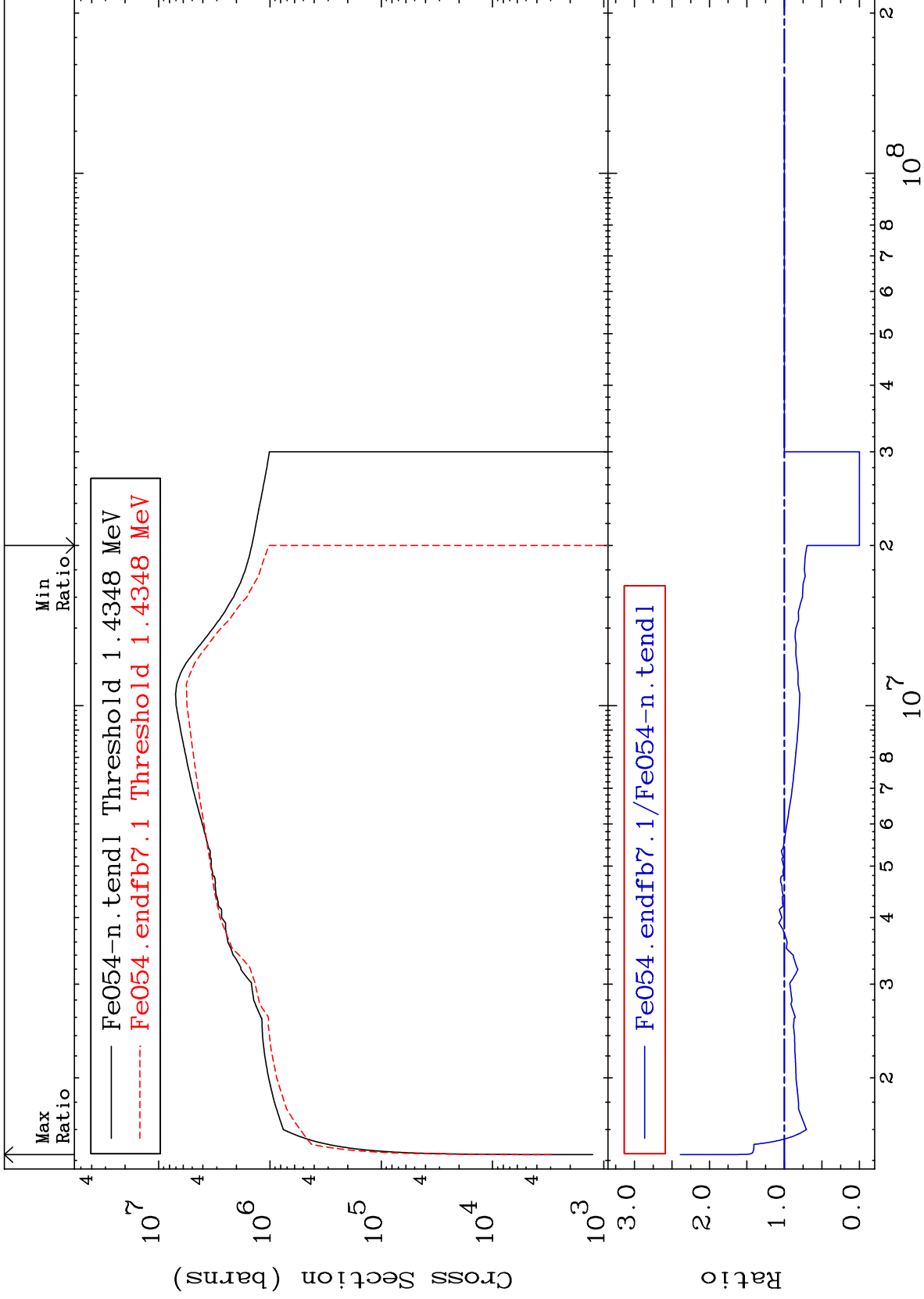
26-Fe-54
-72.97 To 11.74 %



26

Incident Energy (eV)

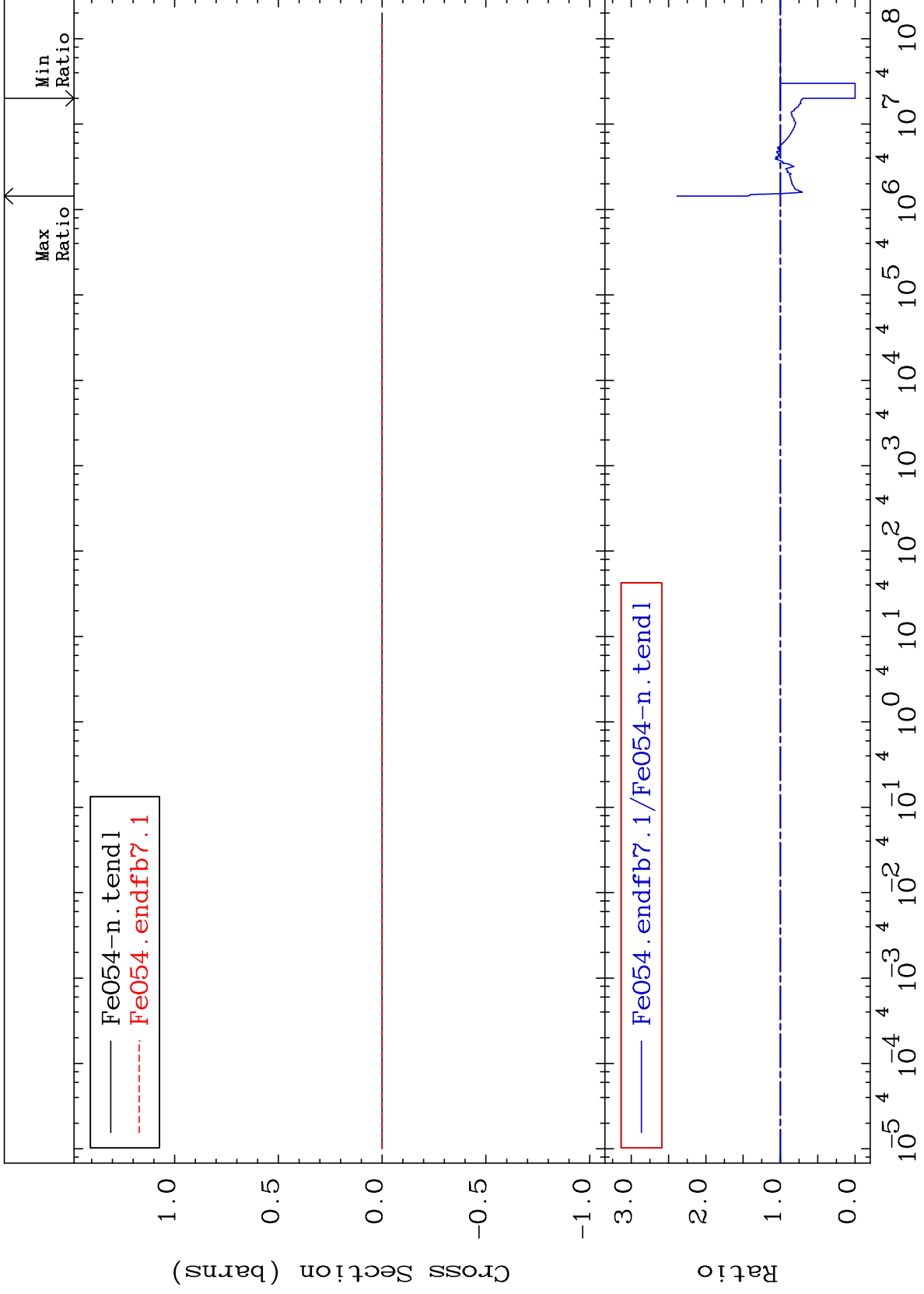
26-Fe-54



MAT 2625

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

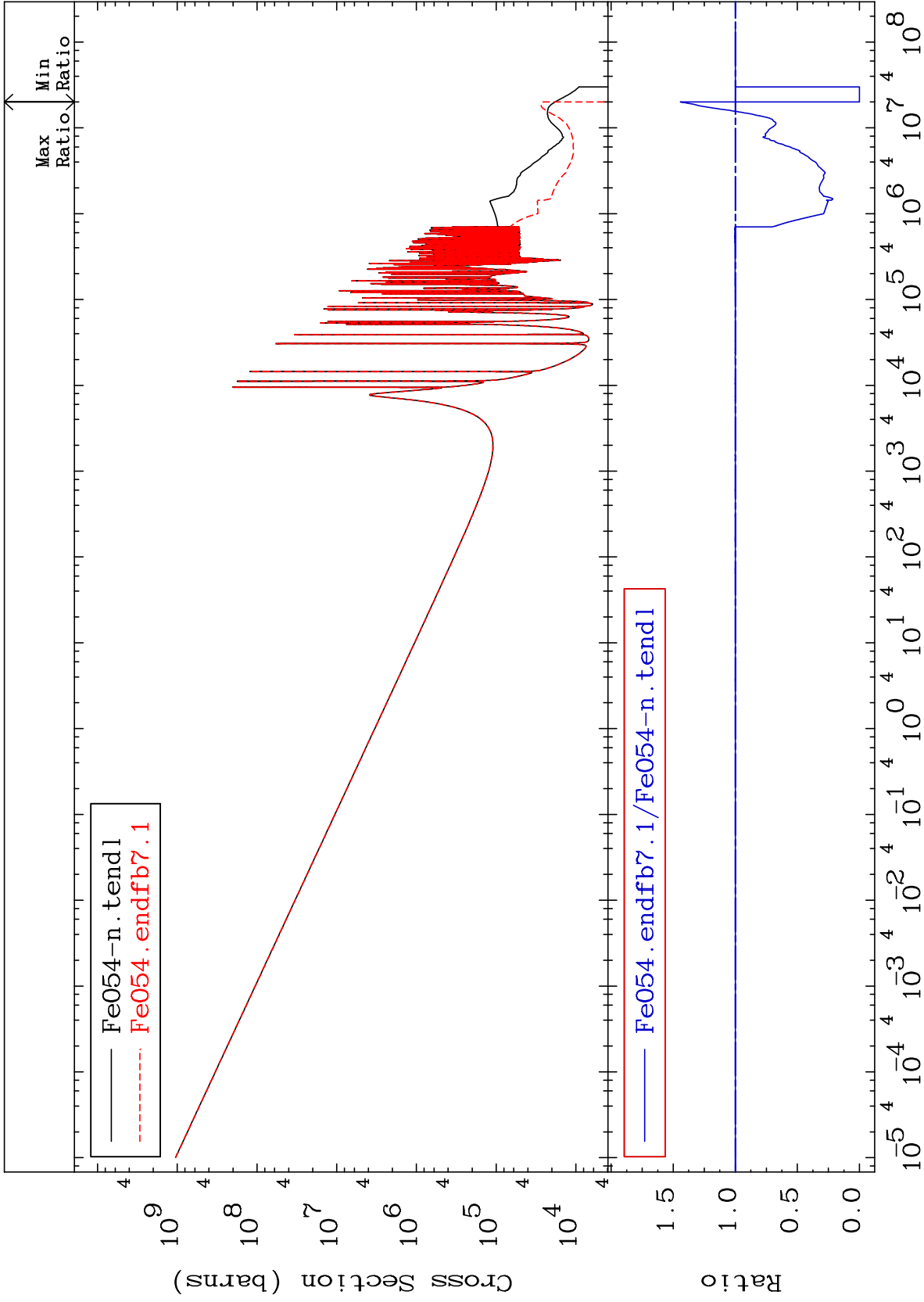
26-Fe-54
-100.0 To 138.7 %



MAT 2625

Kerma capture (mt102)
Cross Section

26-Fe-54
-100.0 To 44.25 %



29

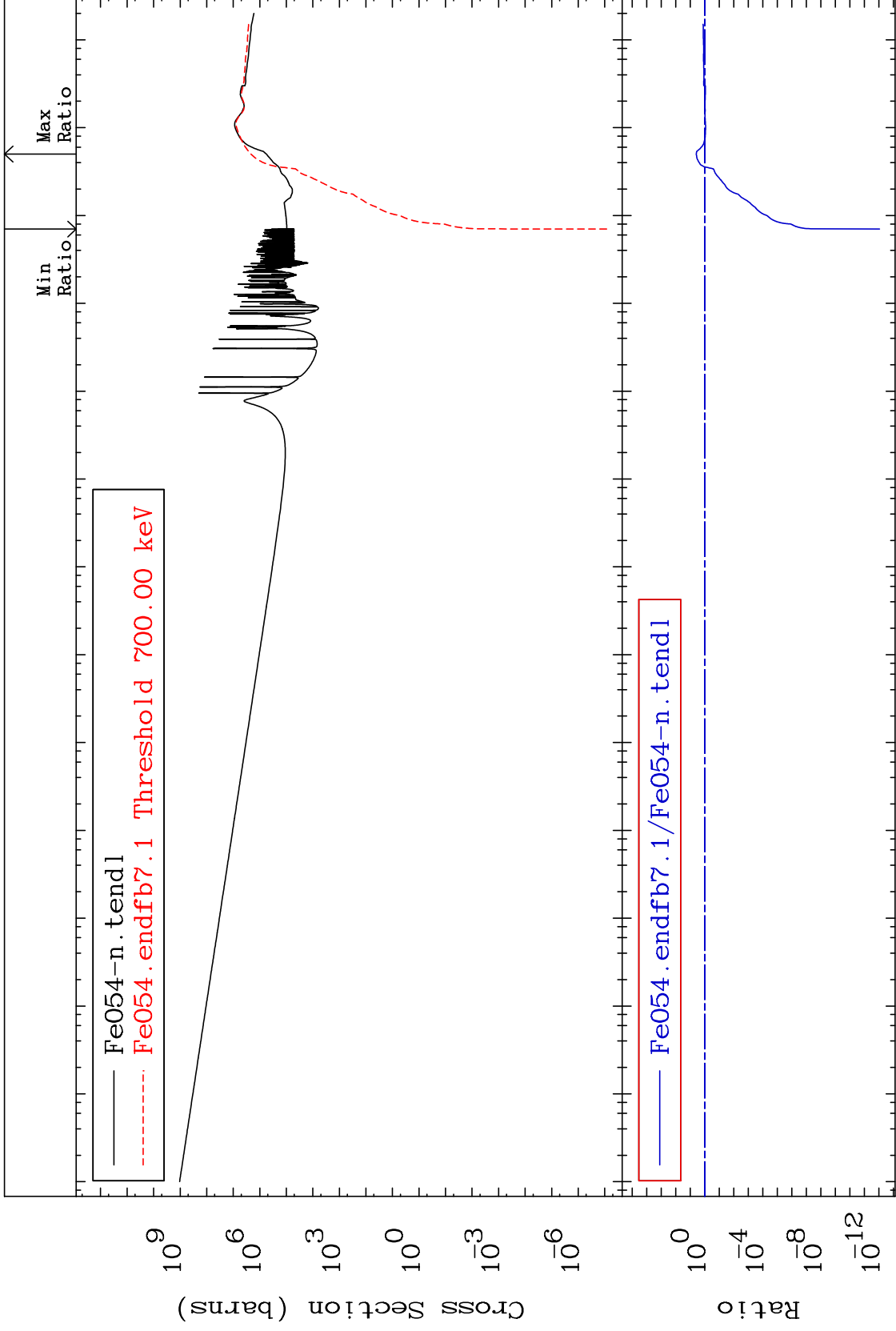
Incident Energy (eV)

26-Fe-54

MAT 2625

Total photon (eV-barns)
Cross Section

26-Fe-54
-100.0 To 285.6 %

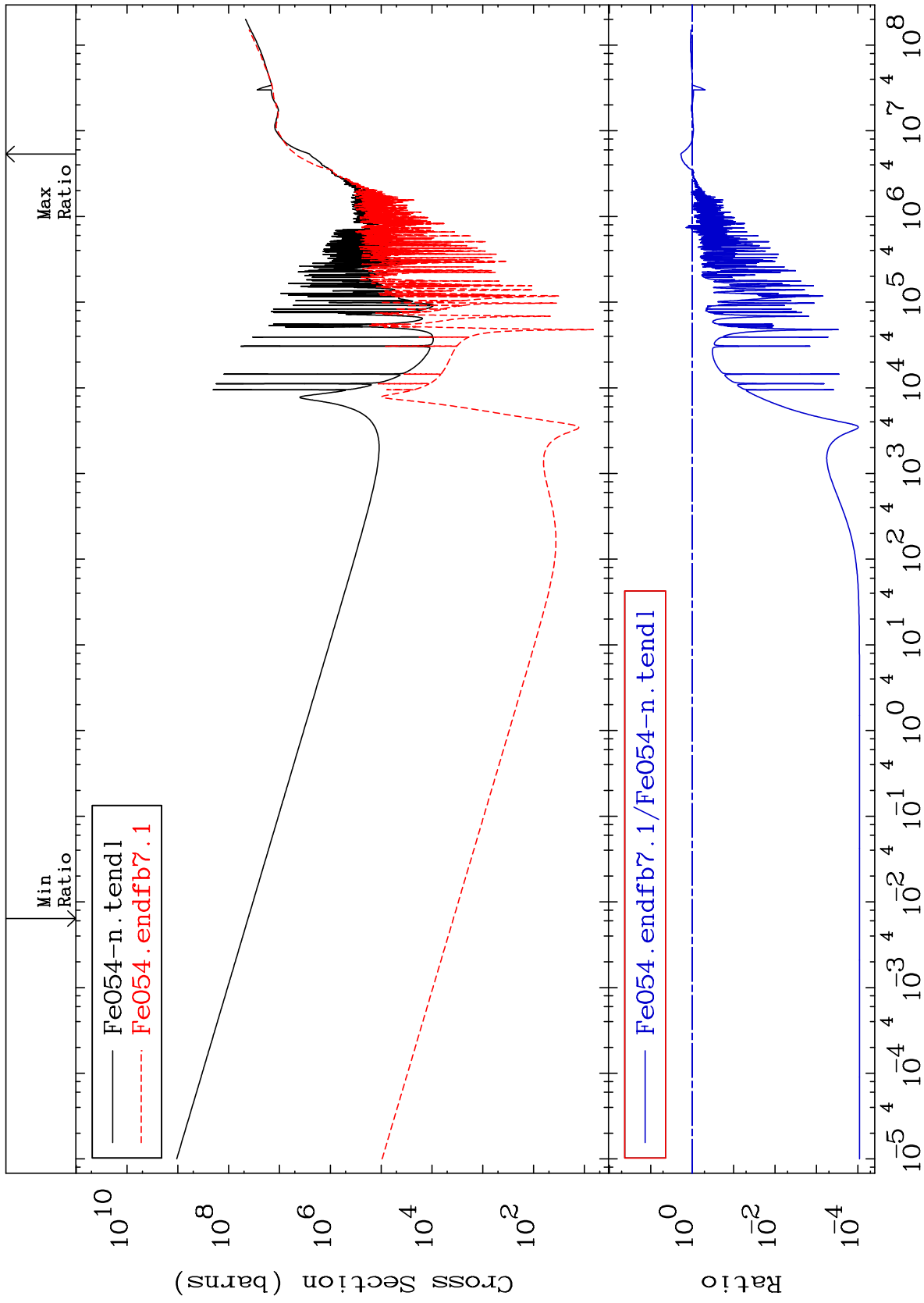


30

Incident Energy (eV)

26-Fe-54

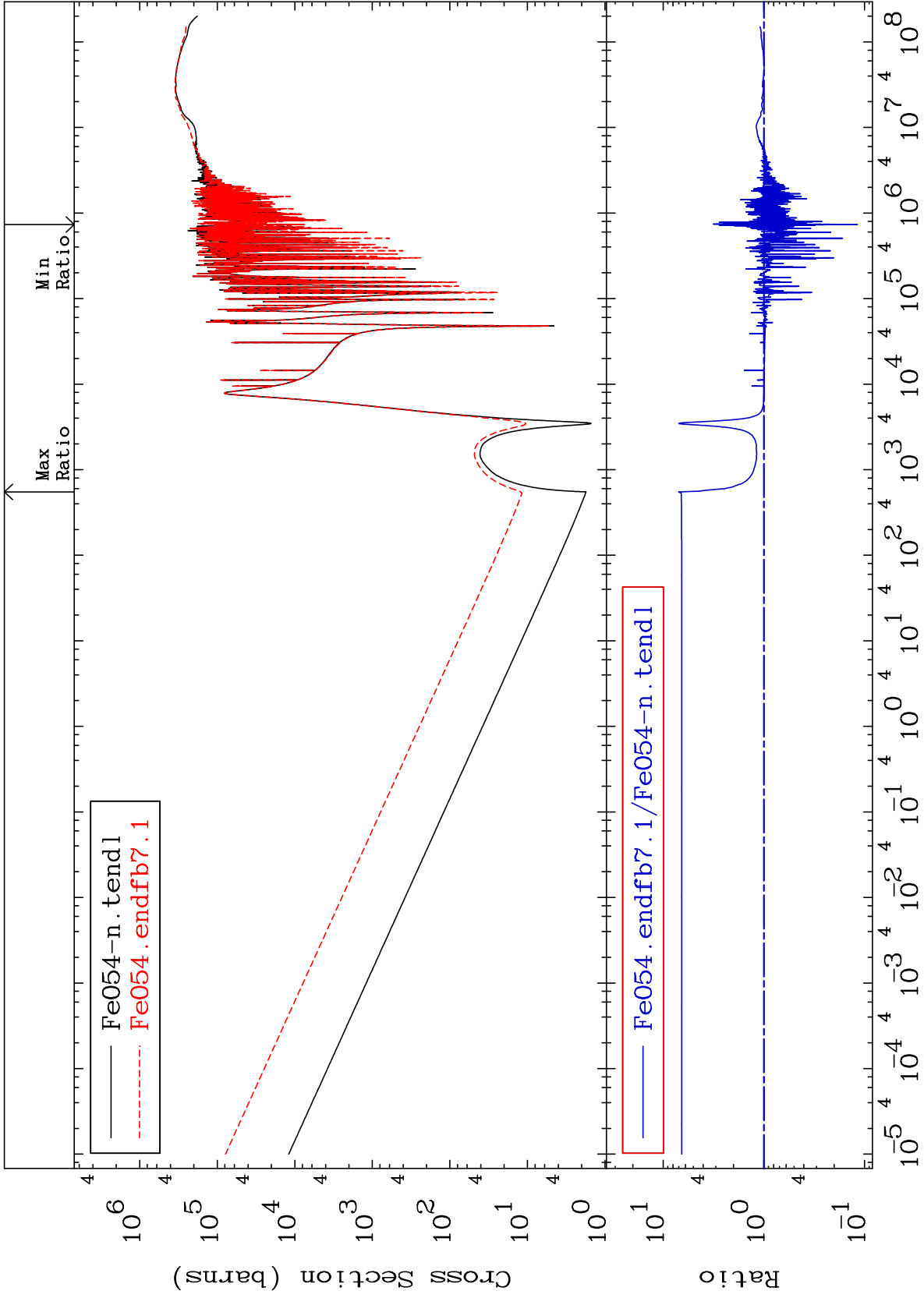
MAT 2625 Total kinematic kerma (high limit) 26-Fe-54
 Cross Section -99.99 To 87.54 %

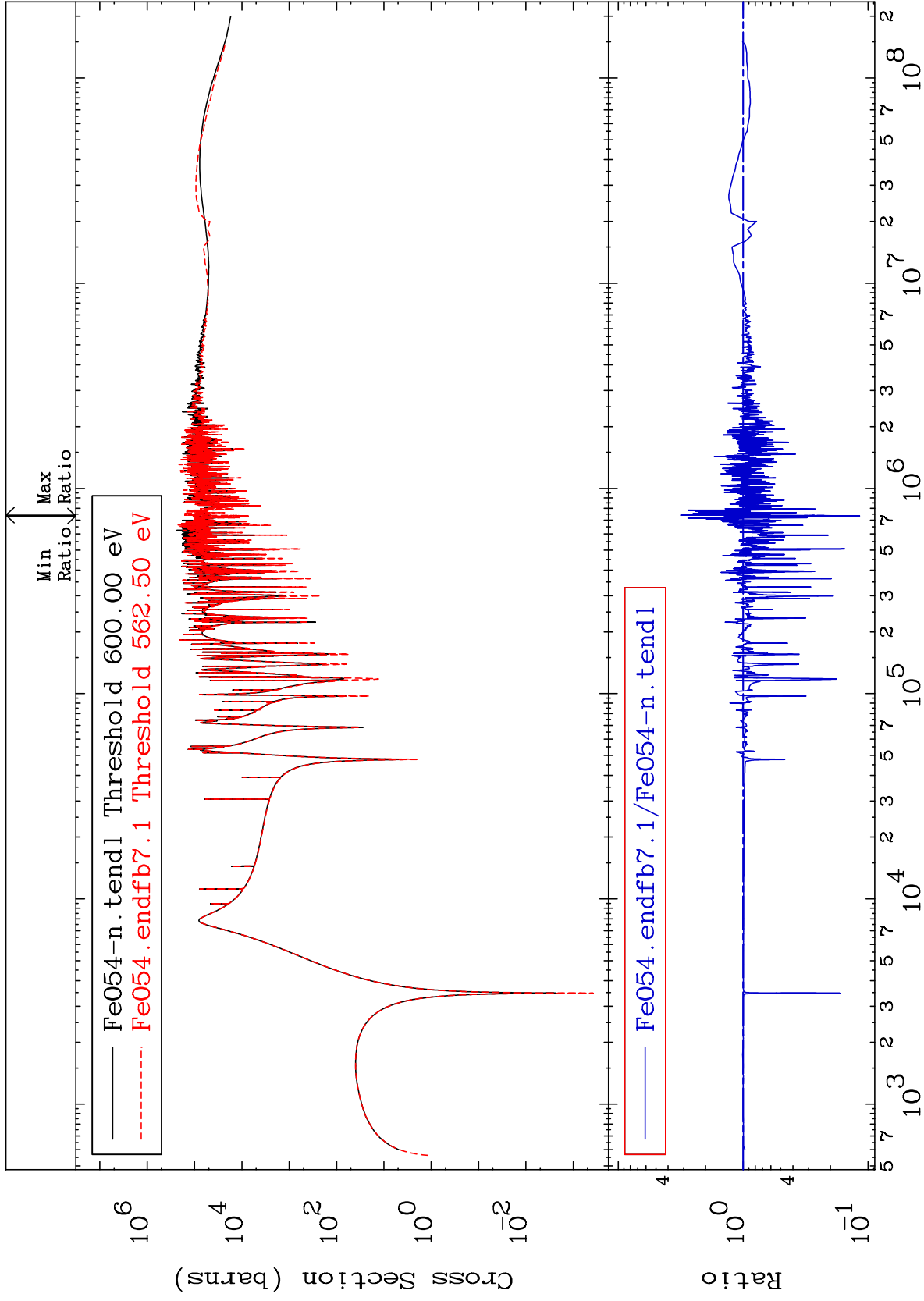


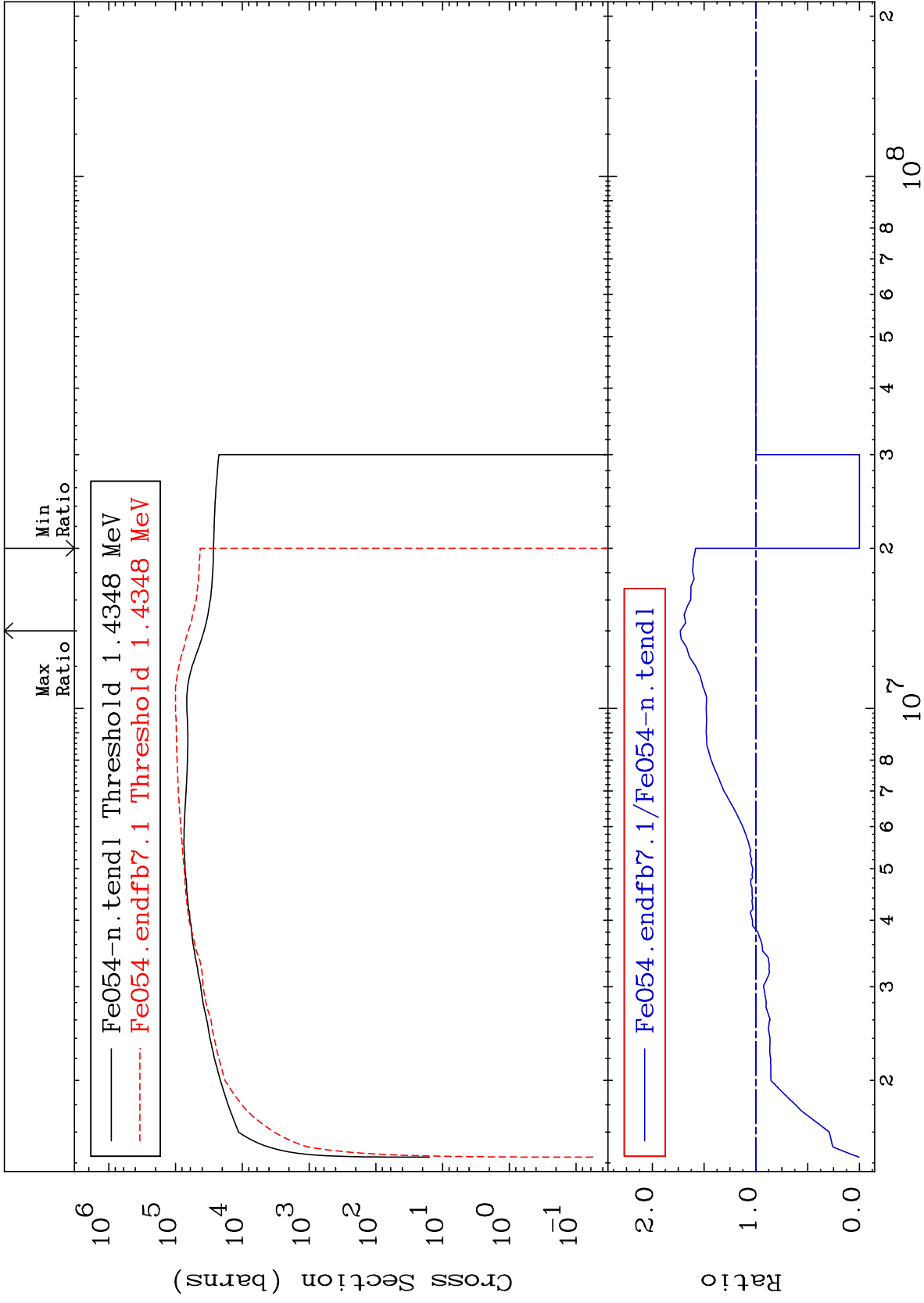
MAT 2625

Dpa total (eV-barns)
Cross Section

26-Fe-54
-88.20 To 601.6 %



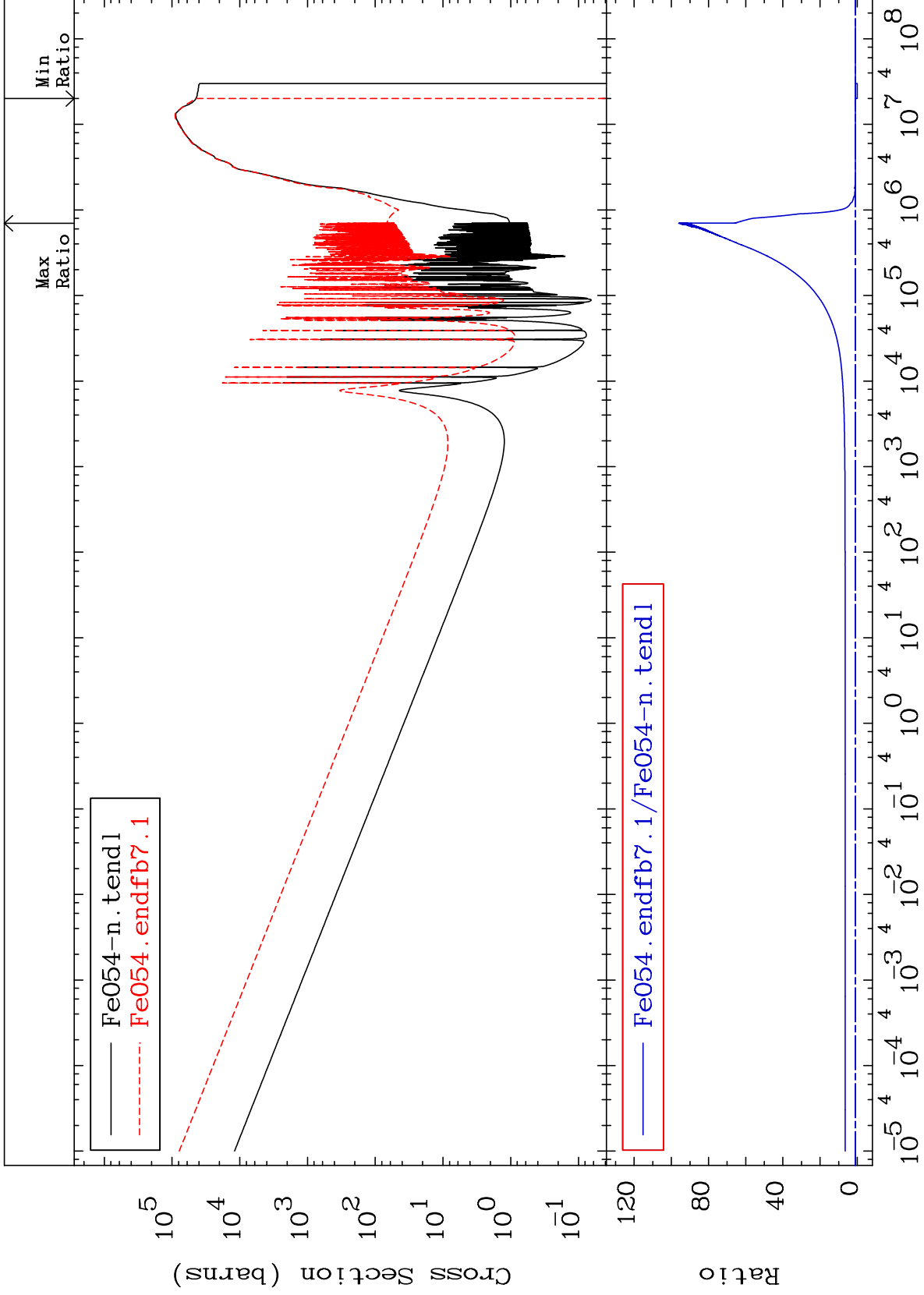




MAT 2625

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-54
-100.0 To 9508. %



35

Incident Energy (eV)

26-Fe-54