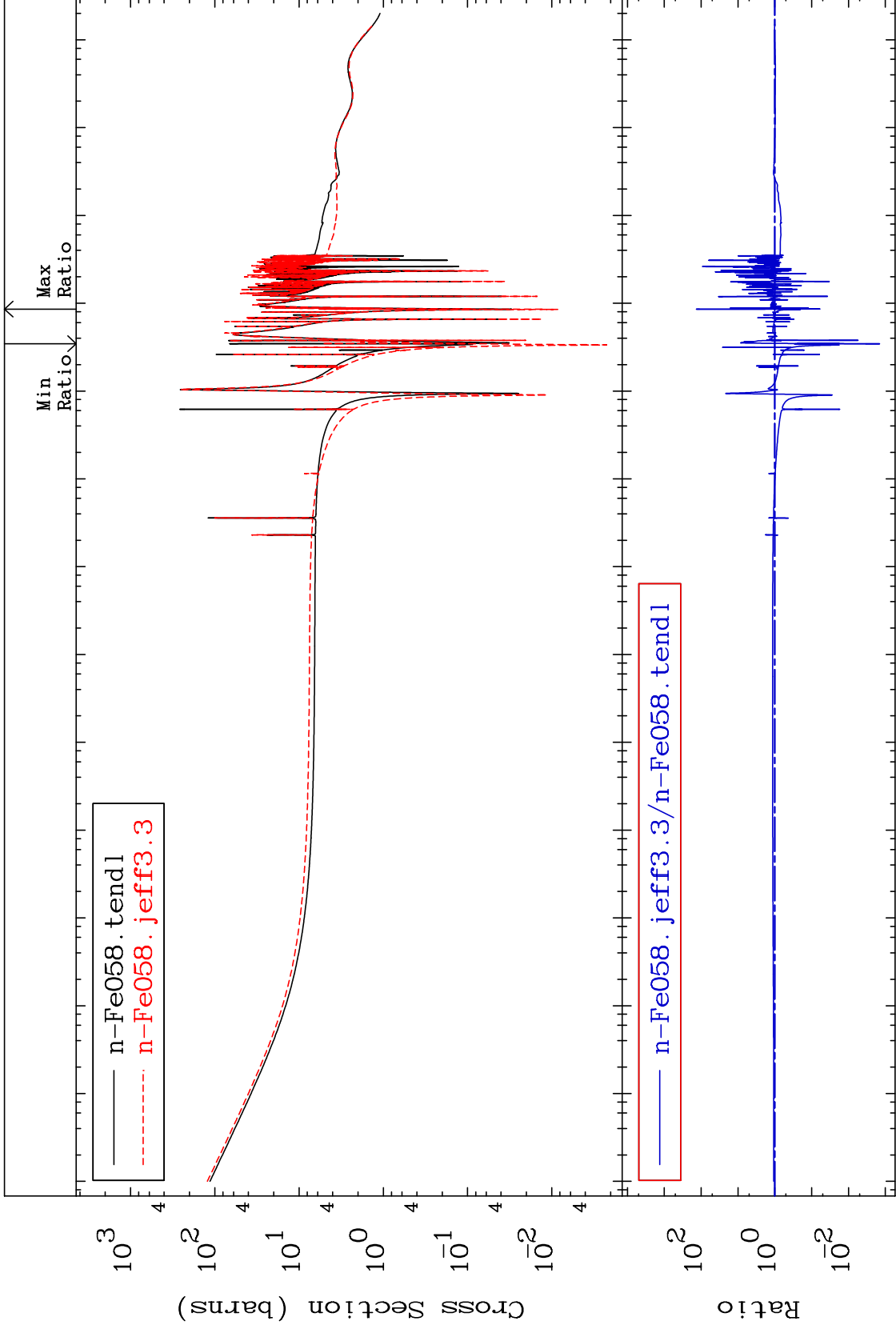


MAT 2637

Total
Cross Section

26-Fe-58
-99.86 To 9999. %



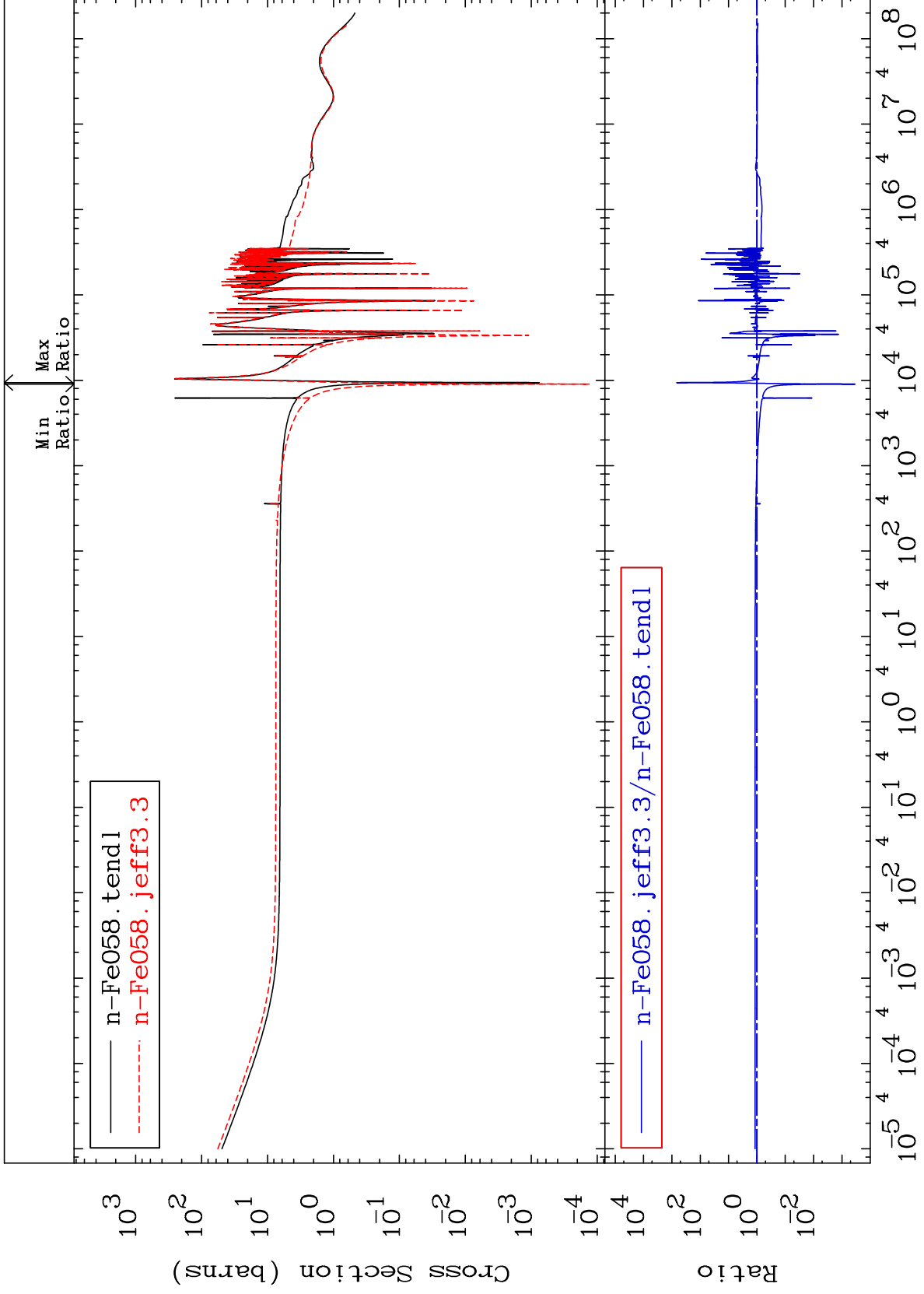
Incident Energy (eV)

26-Fe-58

MAT 2637

Elastic
Cross Section

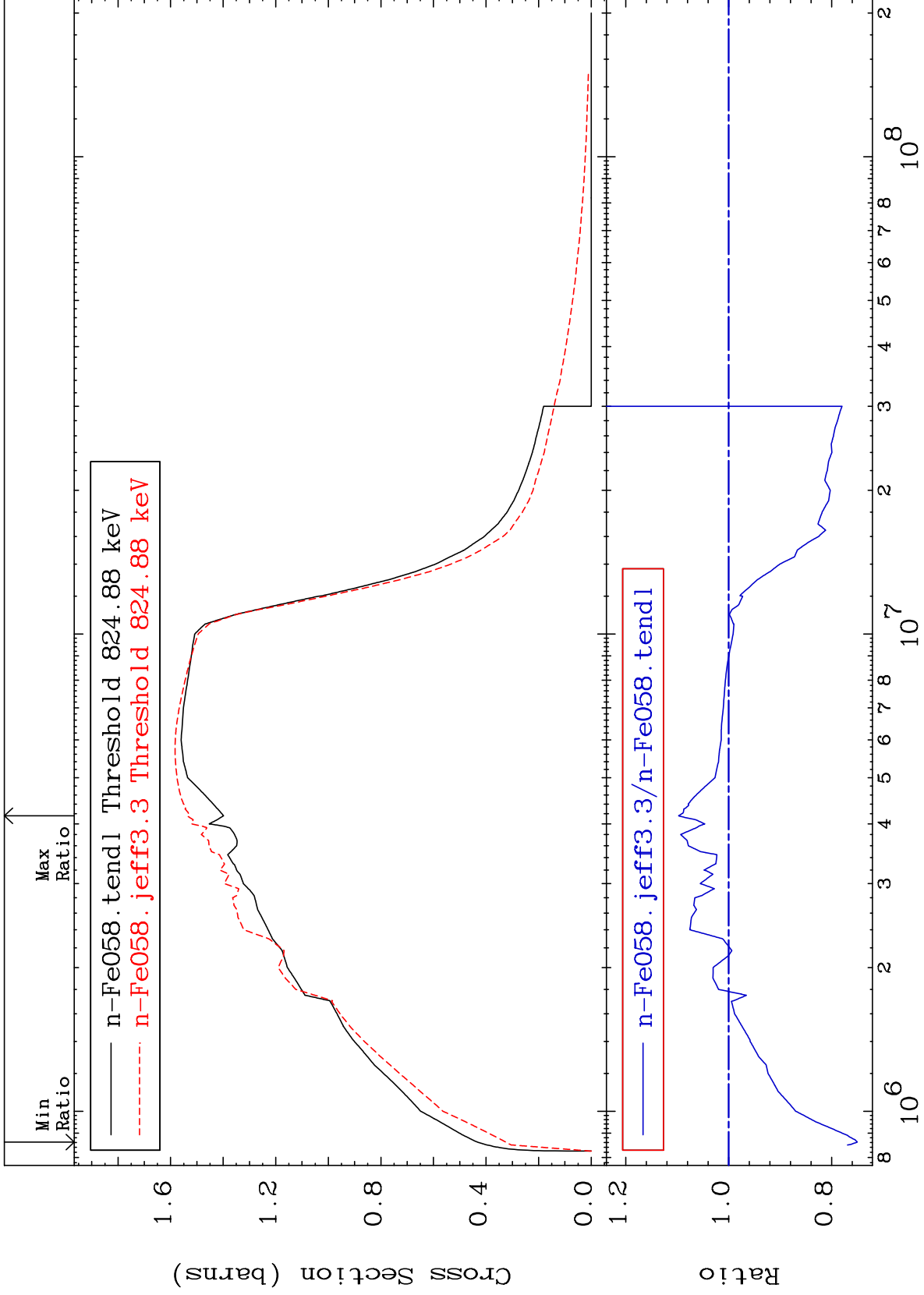
26-Fe-58
-99.97 To 9999. %



MAT 2637

Inelastic
Cross Section

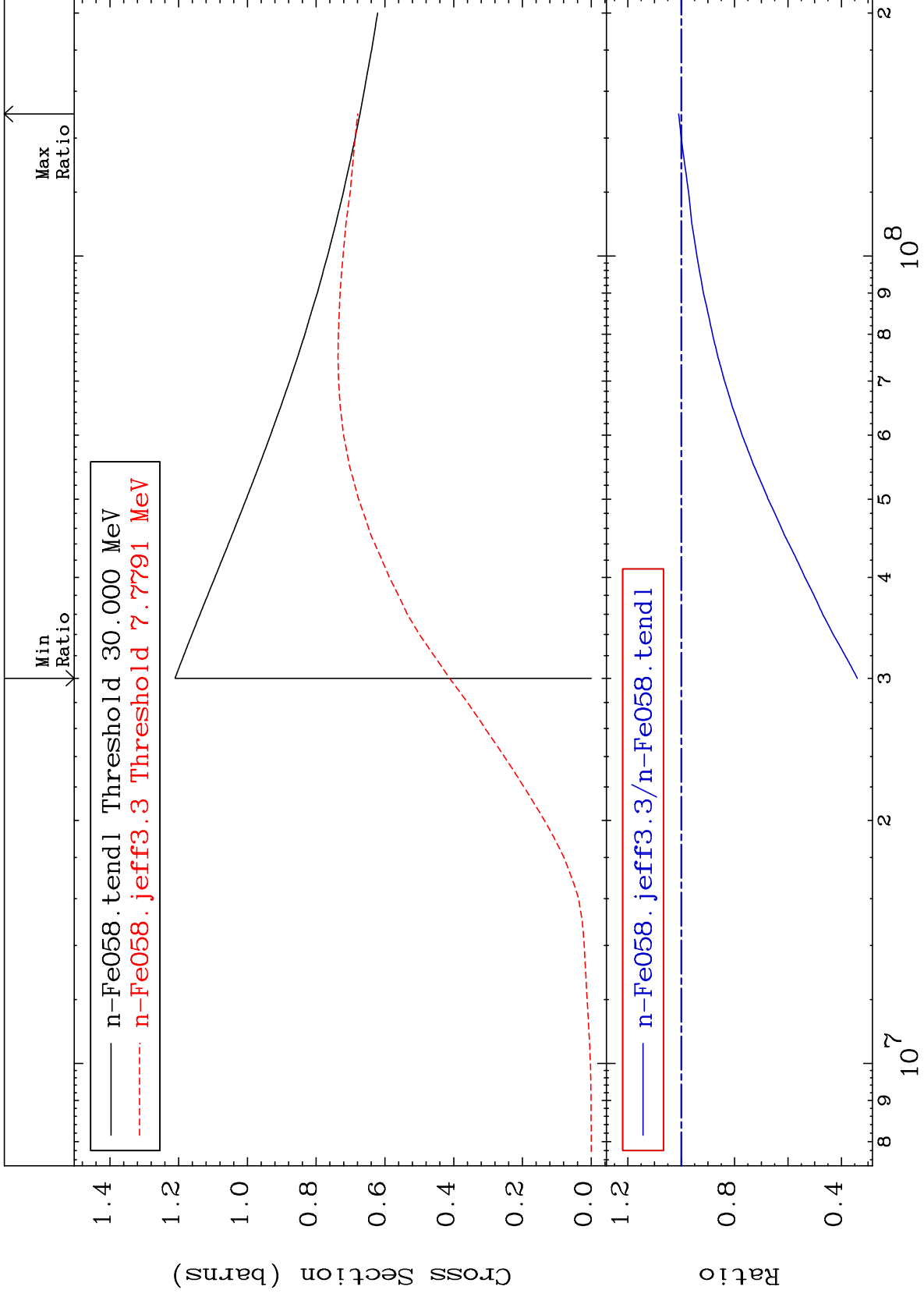
26-Fe-58
-24.99 To 9.717 %



MAT 2637

(n, remainder)
Cross Section

26-Fe-58
-65.95 To 0.965 %



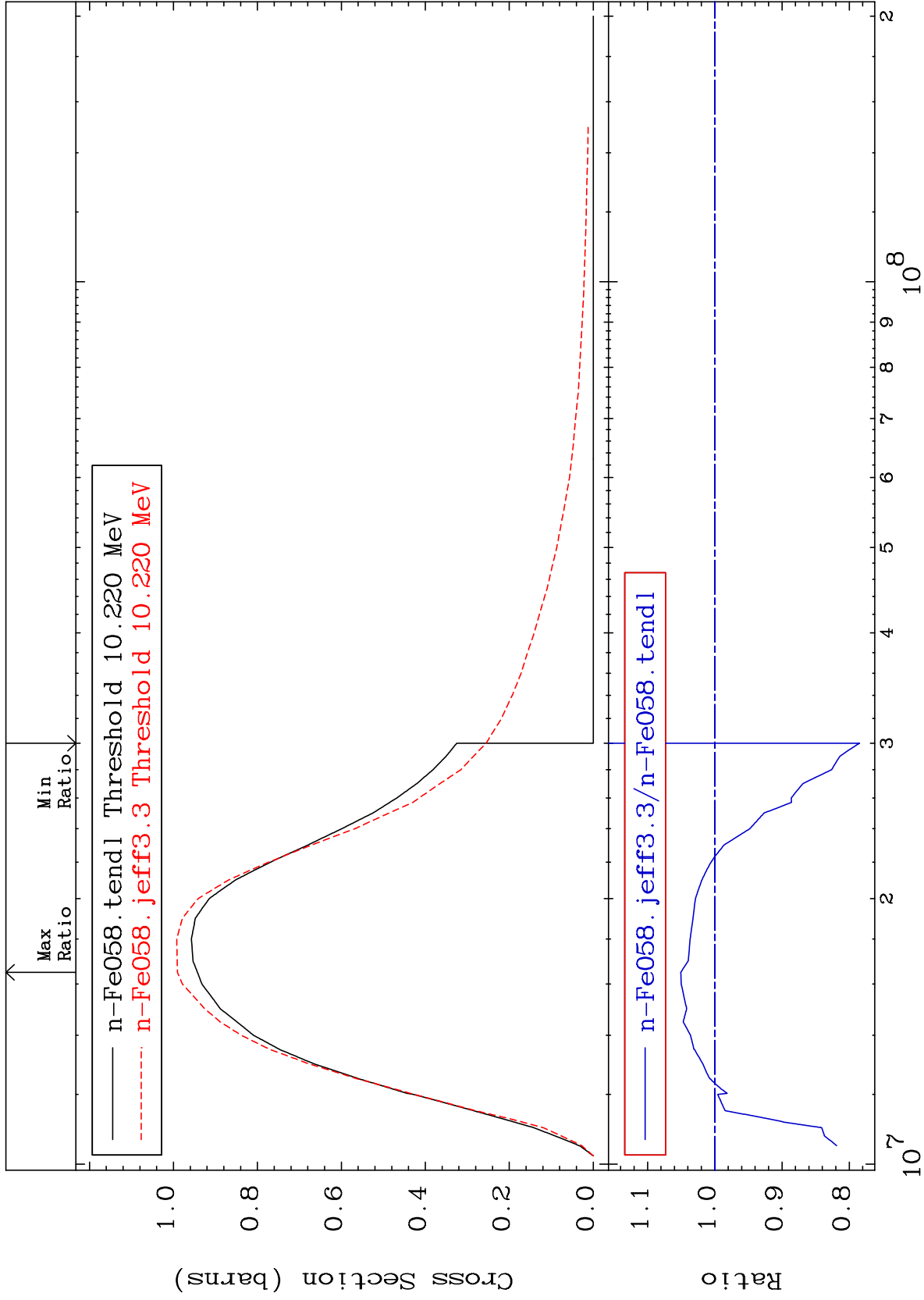
MAT 2637

(n,2n)

²⁶Fe-58

Cross Section

-21.53 To 5.058 %



Incident Energy (eV)

²⁶Fe-58

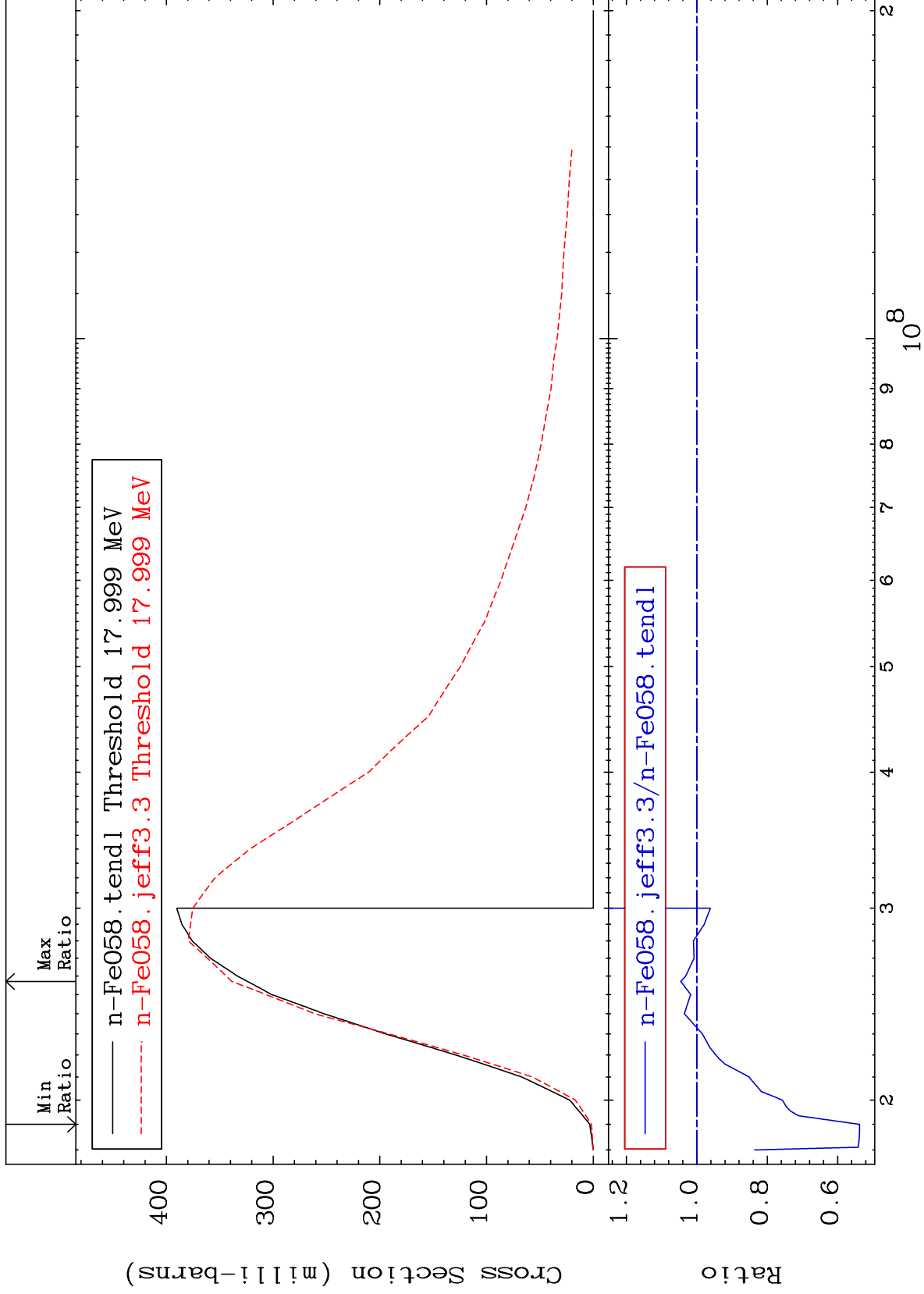
MAT 2637

(n,3n)

²⁶Fe-58

Cross Section

-46.22 To 4.559 %



6

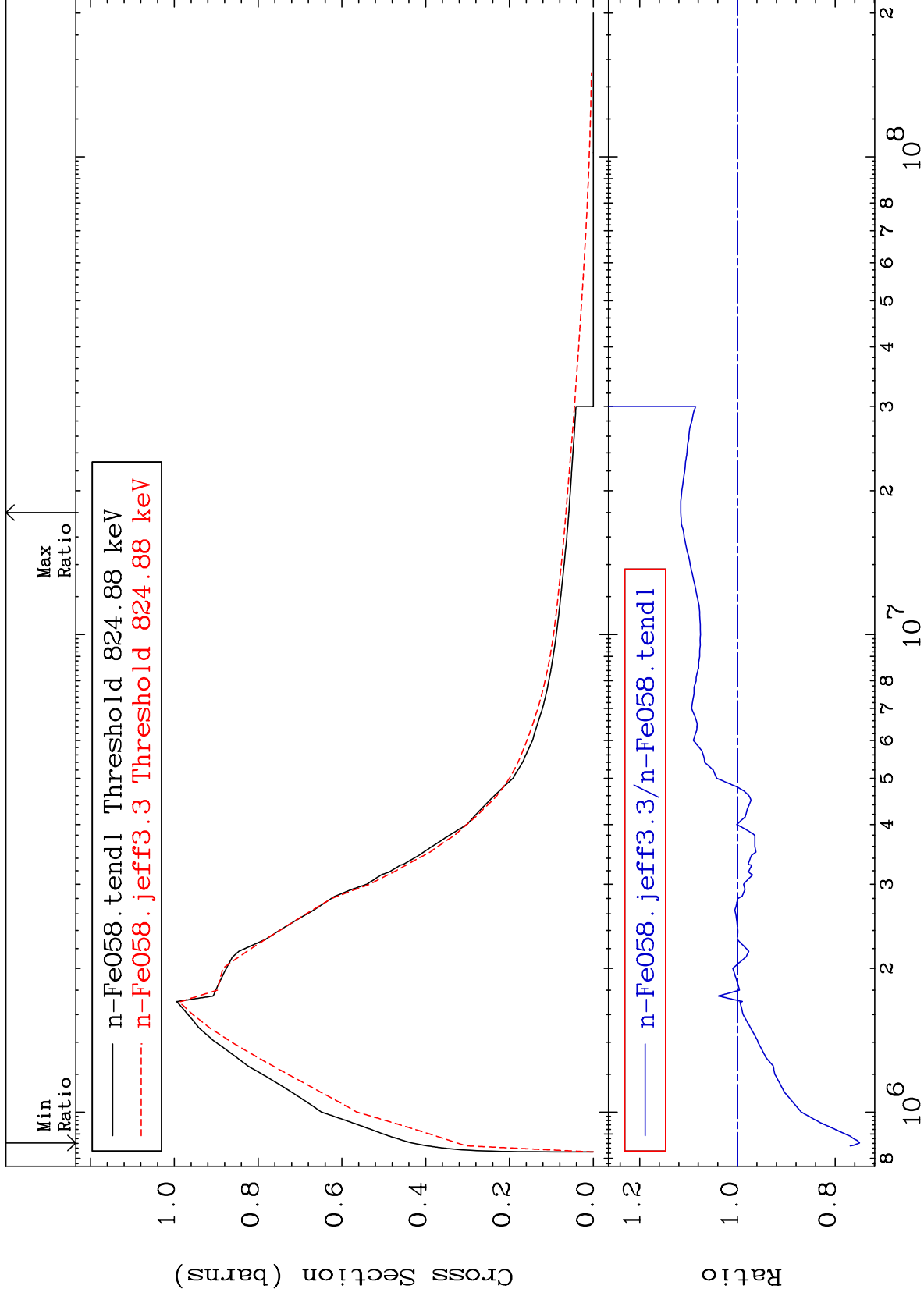
Incident Energy (eV)

²⁶Fe-58

MAT 2637

MT= 51 (n,n') Level
Cross Section

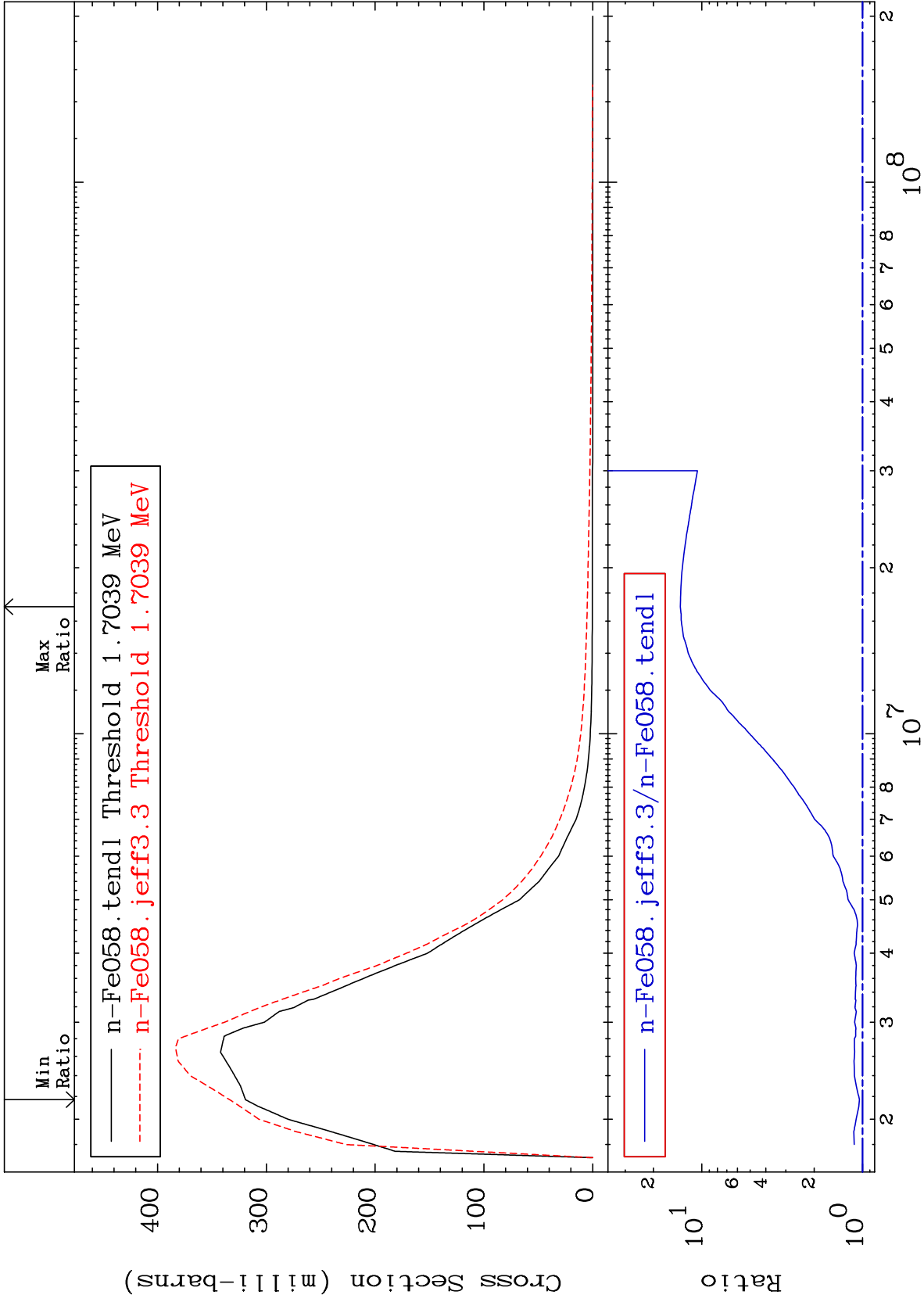
26-Fe-58
-24.99 To 11.59 %



MAT 2637

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

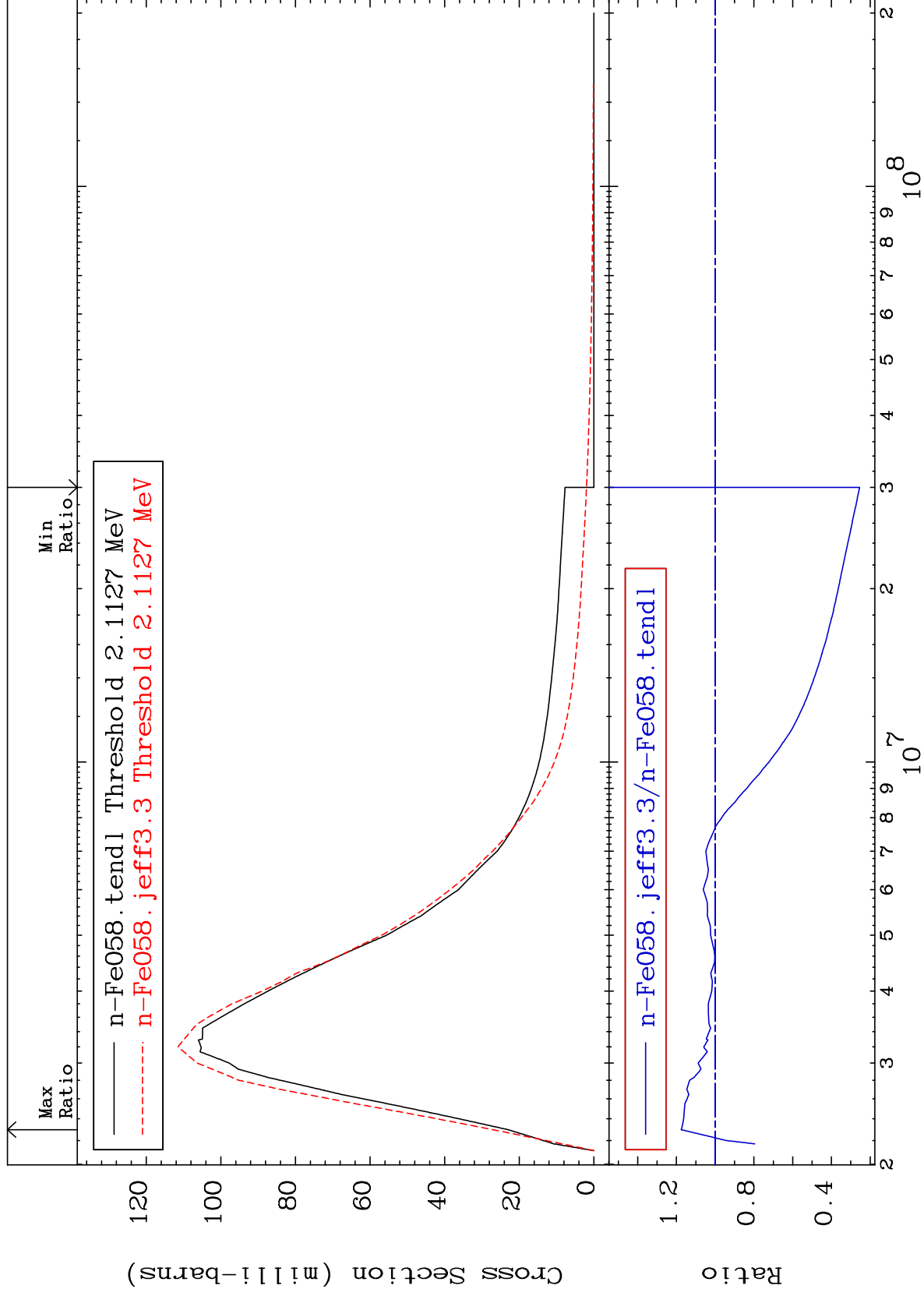
26-Fe-58
4.561 To 1260. %



MAT 2637

MT= 53 (n,n') Level
Cross Section

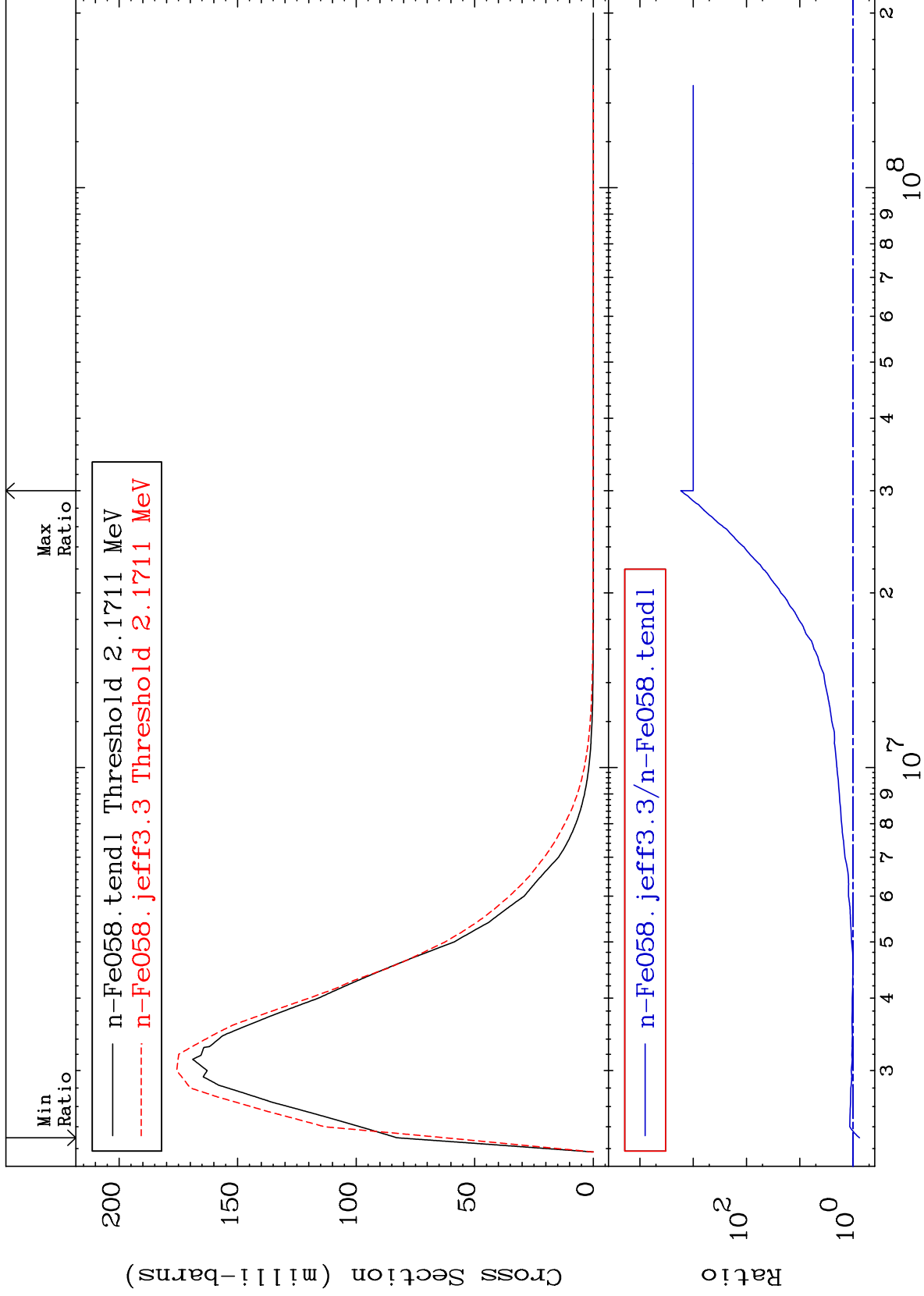
²⁶-Fe-58
-74.57 To 17.55 %



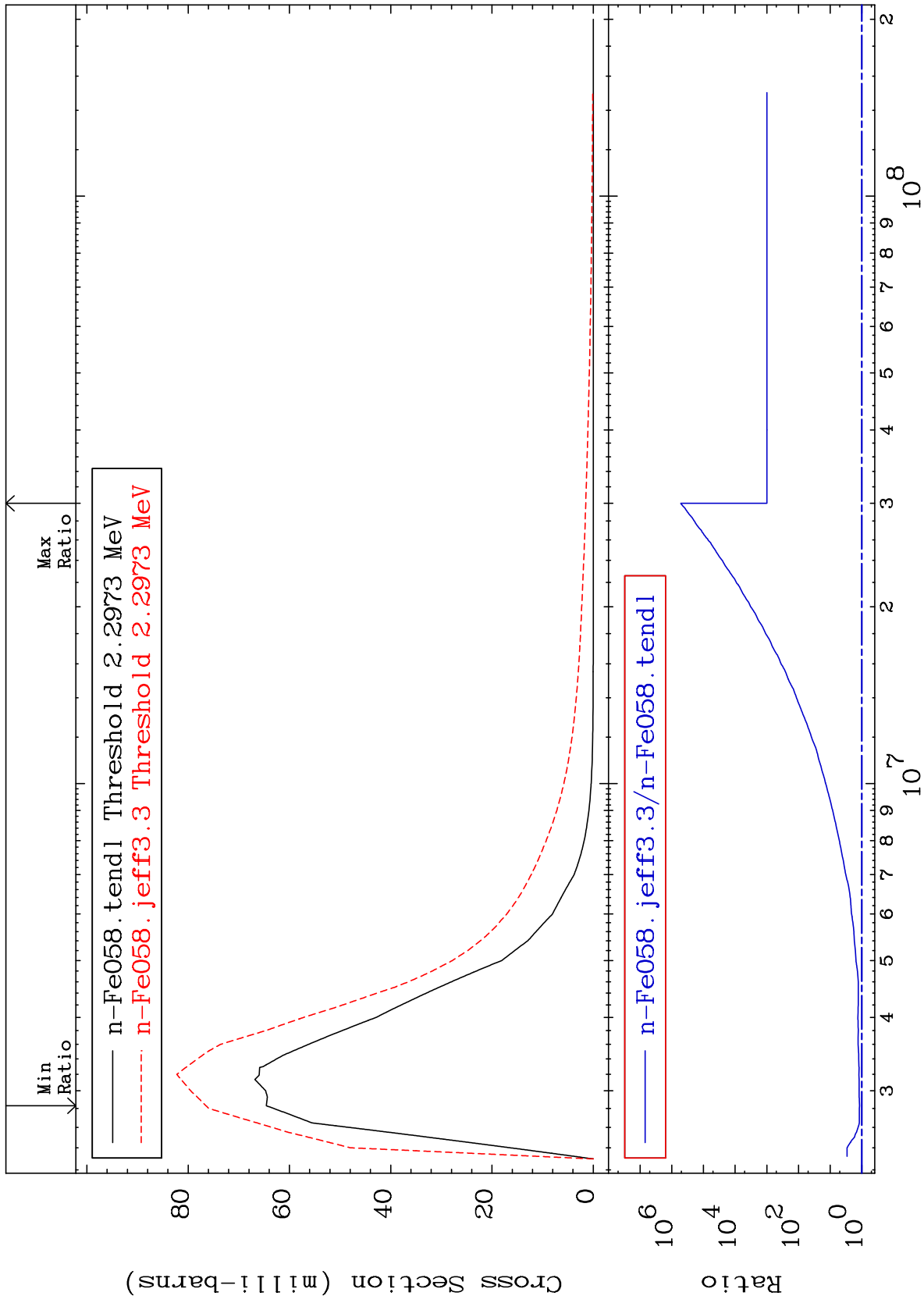
MAT 2637

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

26-Fe-58
-24.50 To 9999. %



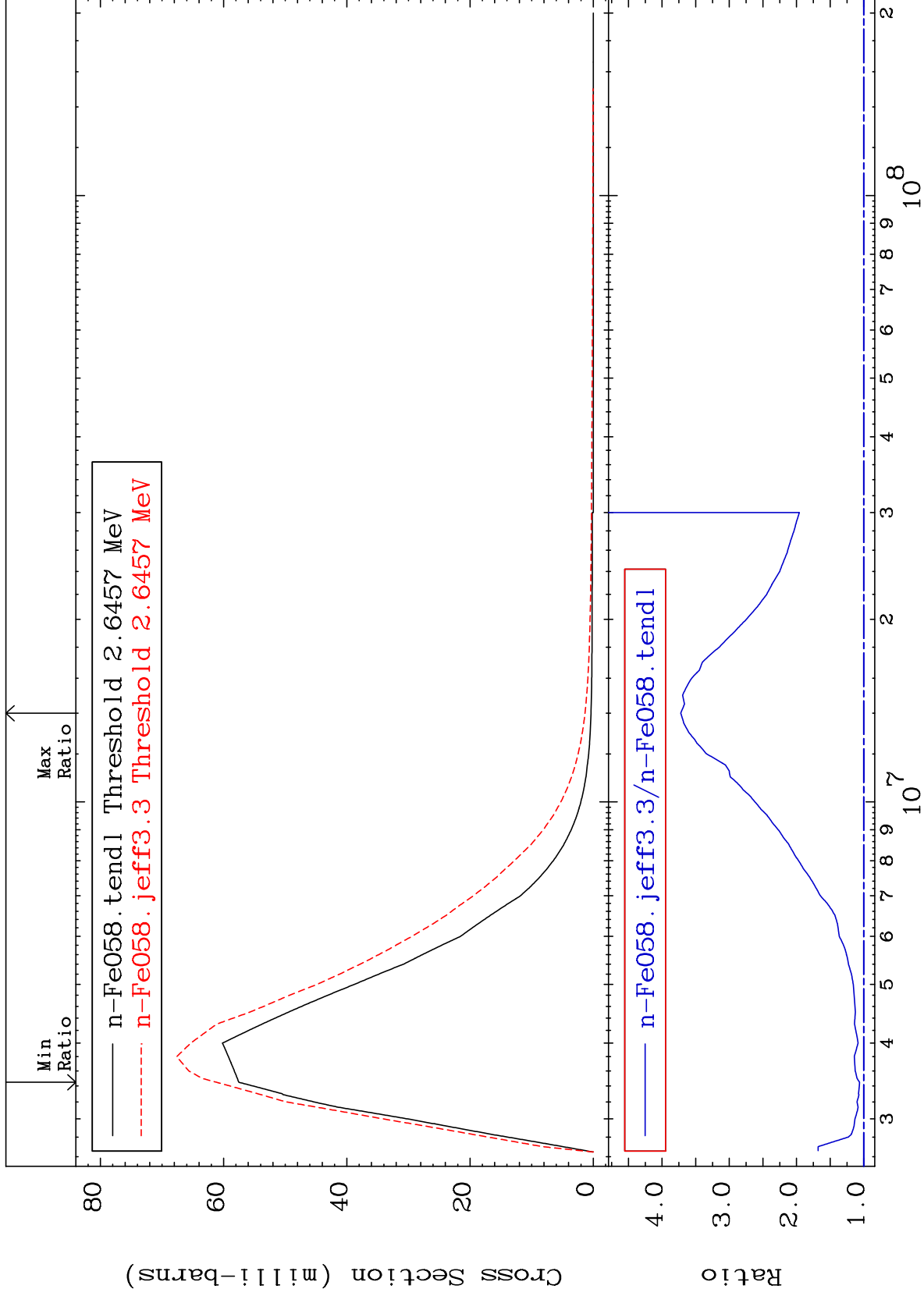
MAT 2637 MT= 55 (n,n') Level Cross Section 26-Fe-58 To 9999. %



MAT 2637

MT= 56 (n,n') Level
Cross Section

26-Fe-58
6.292 To 272.2 %



12

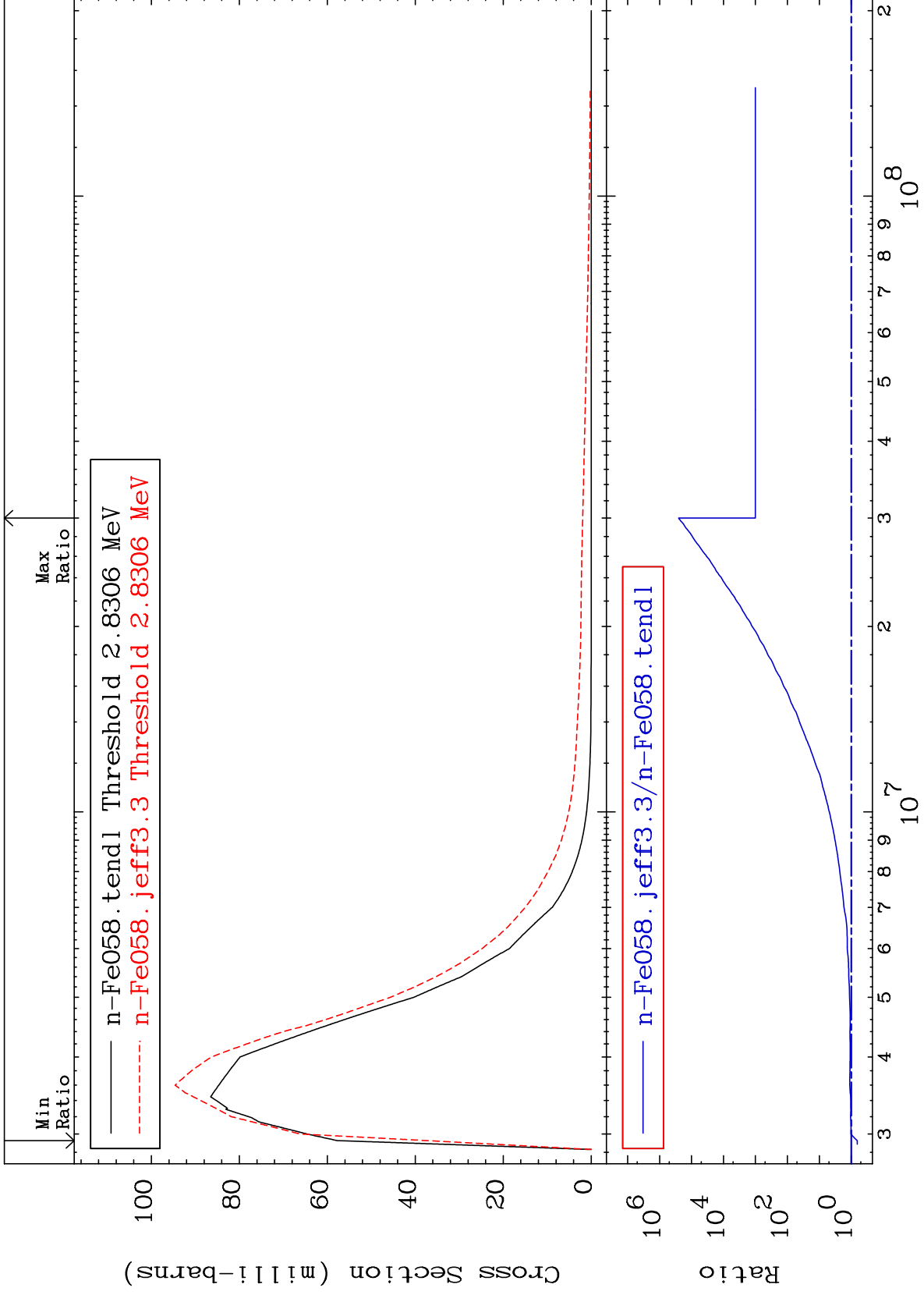
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 57 (n, n') Level
Cross Section

26-Fe-58
-35.05 To 9999. %



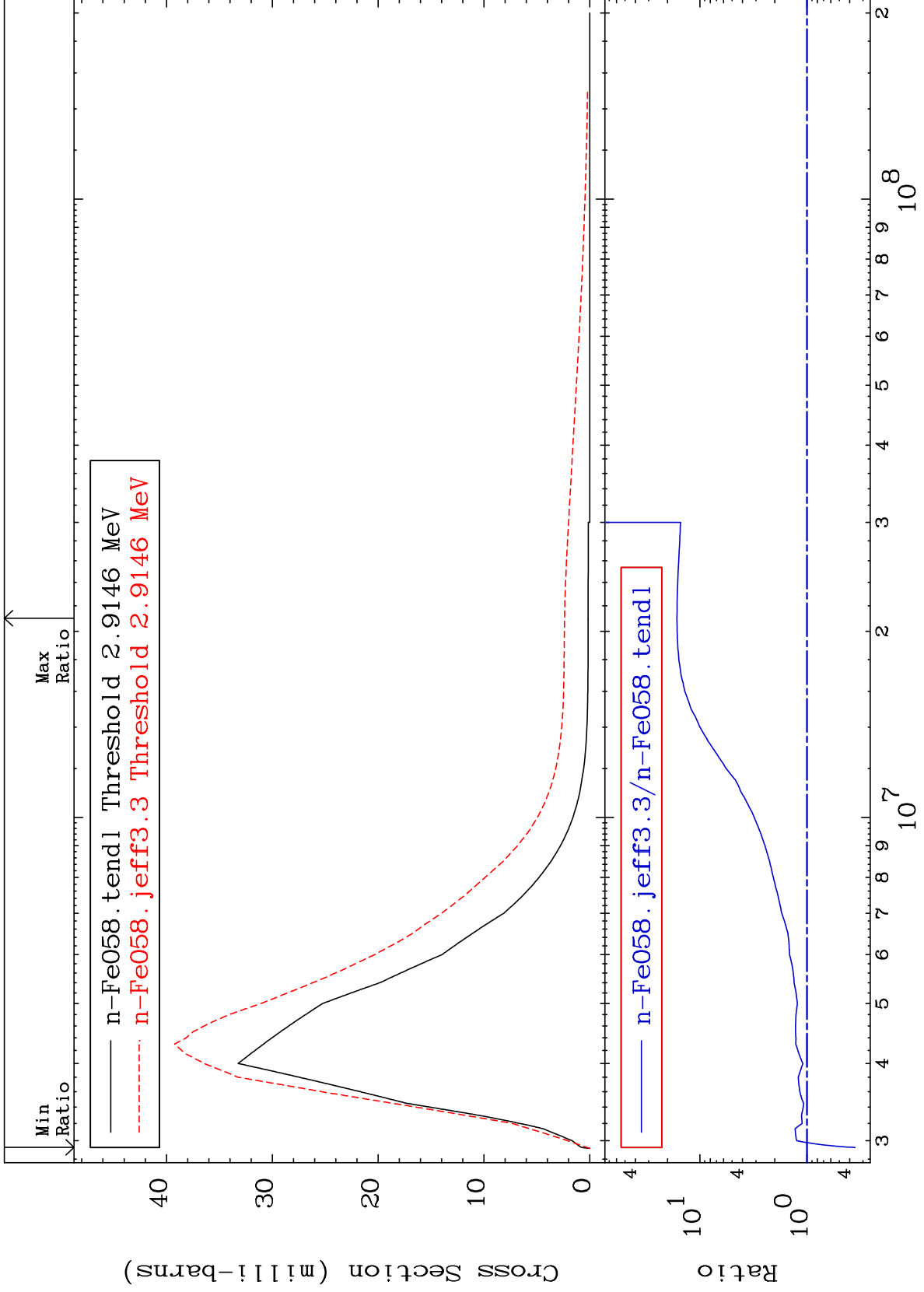
13

26-Fe-58

MAT 2637

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

²⁶Fe-58
-64.39 To 1537. %



14

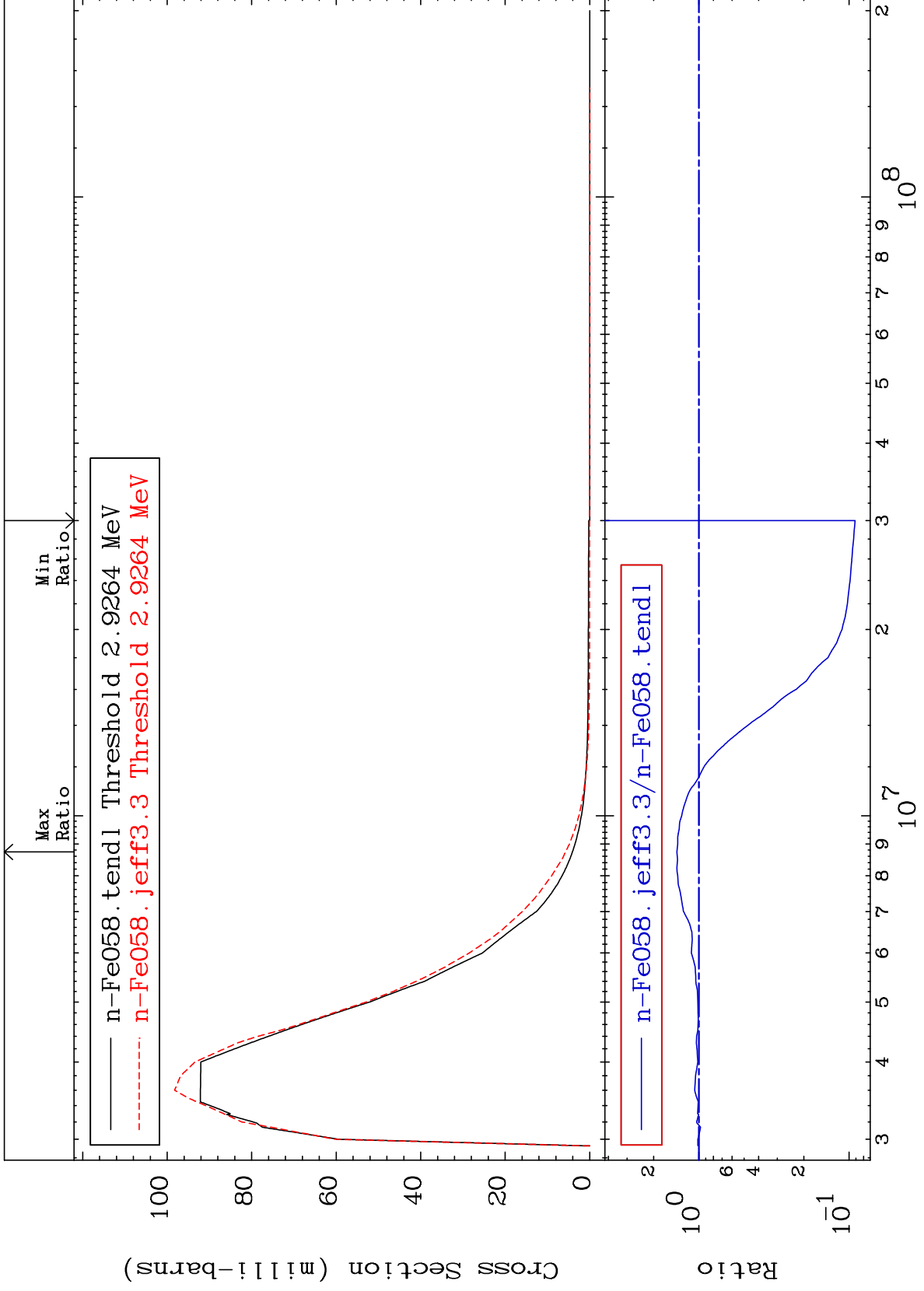
Incident Energy (eV)

²⁶Fe-58

MAT 2637

MT= 59 (n, n') Level
Cross Section

²⁶Fe-58
-90.89 To 39.88 %



15

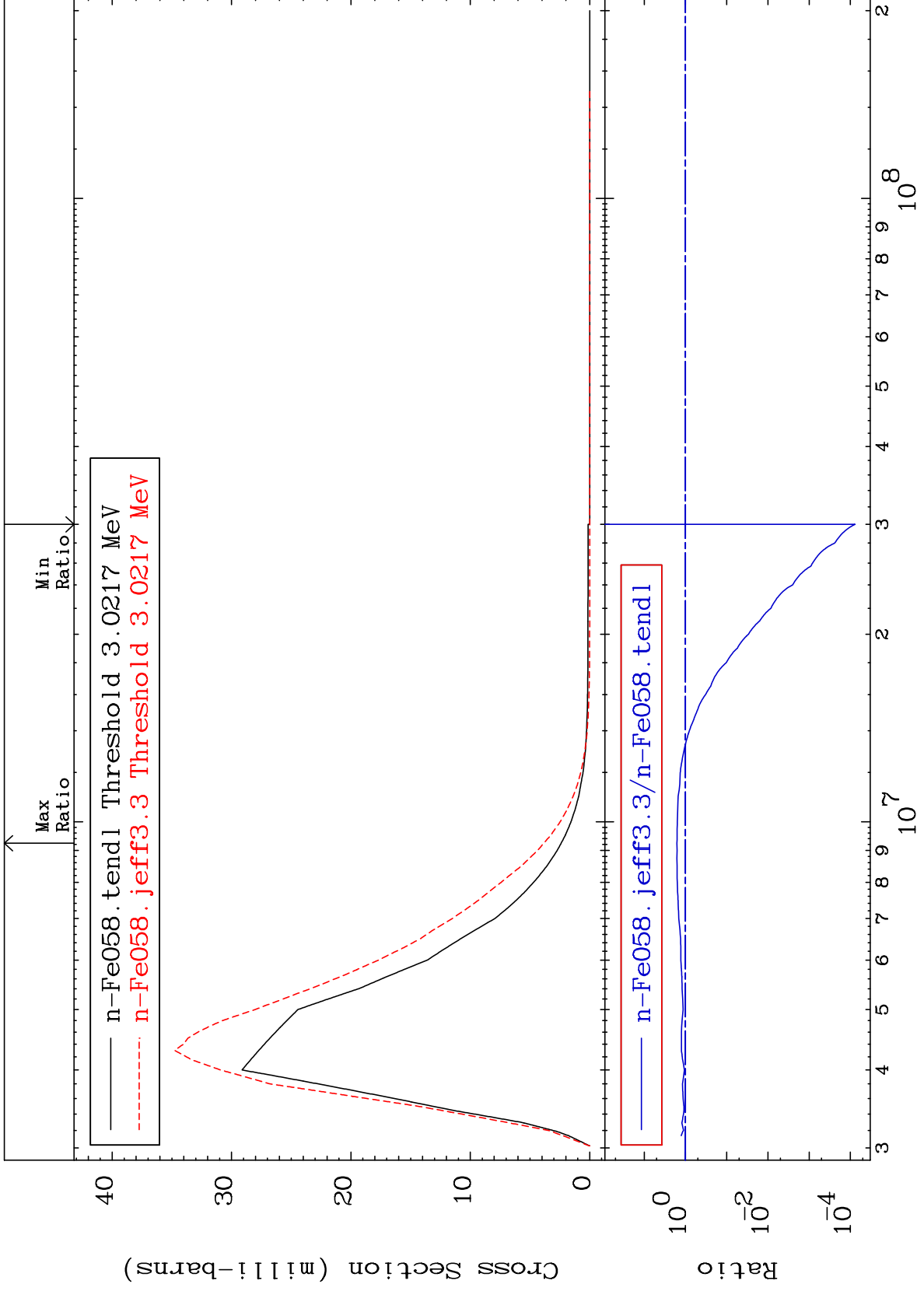
Incident Energy (eV)

²⁶Fe-58

MAT 2637

MT= 60 (n,n') Level
Cross Section

²⁶Fe-58
-99.99 To 61.11 %



16

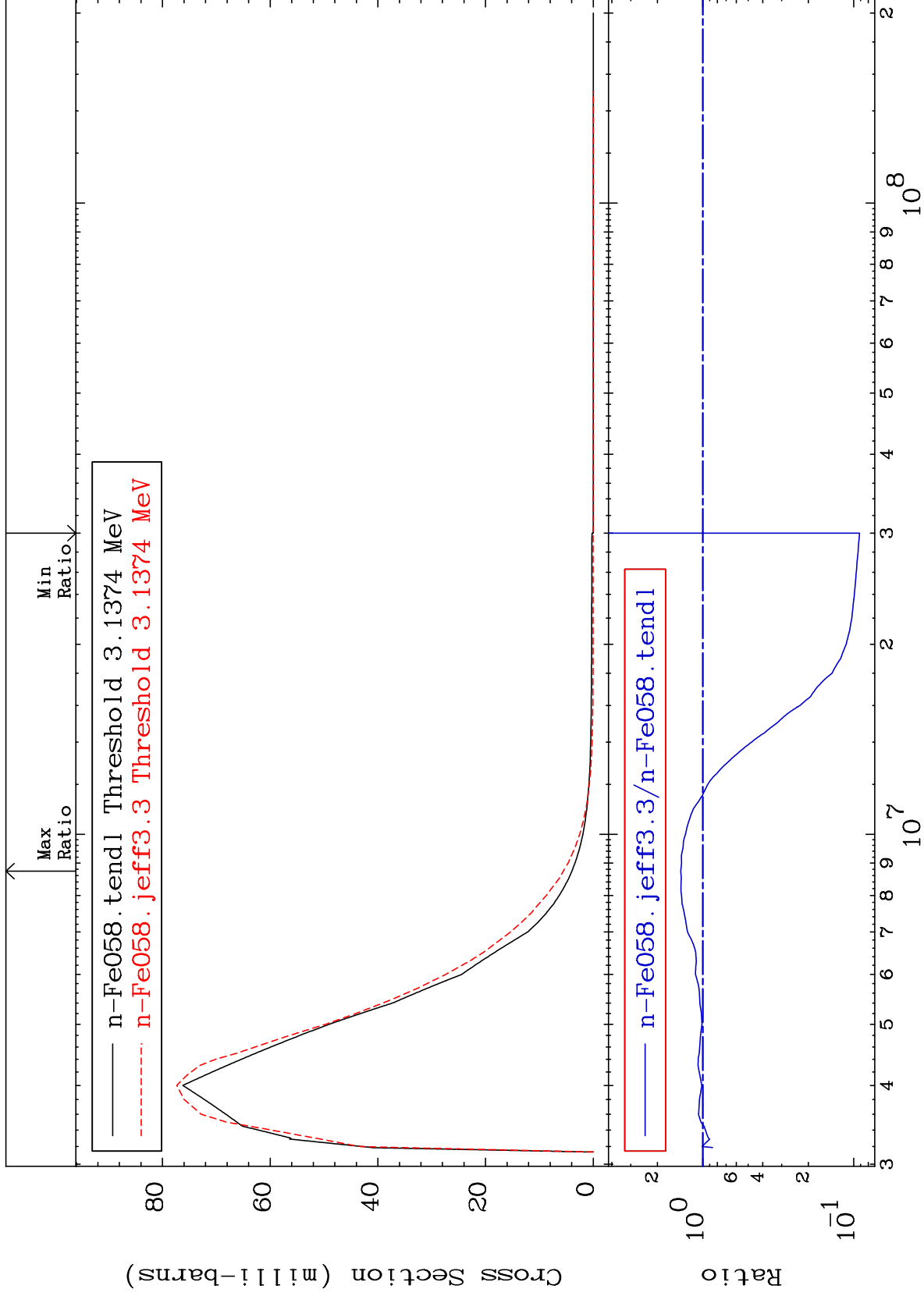
Incident Energy (eV)

²⁶Fe-58

MAT 2637

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

²⁶-Fe-58
-90.86 To 39.88 %



17

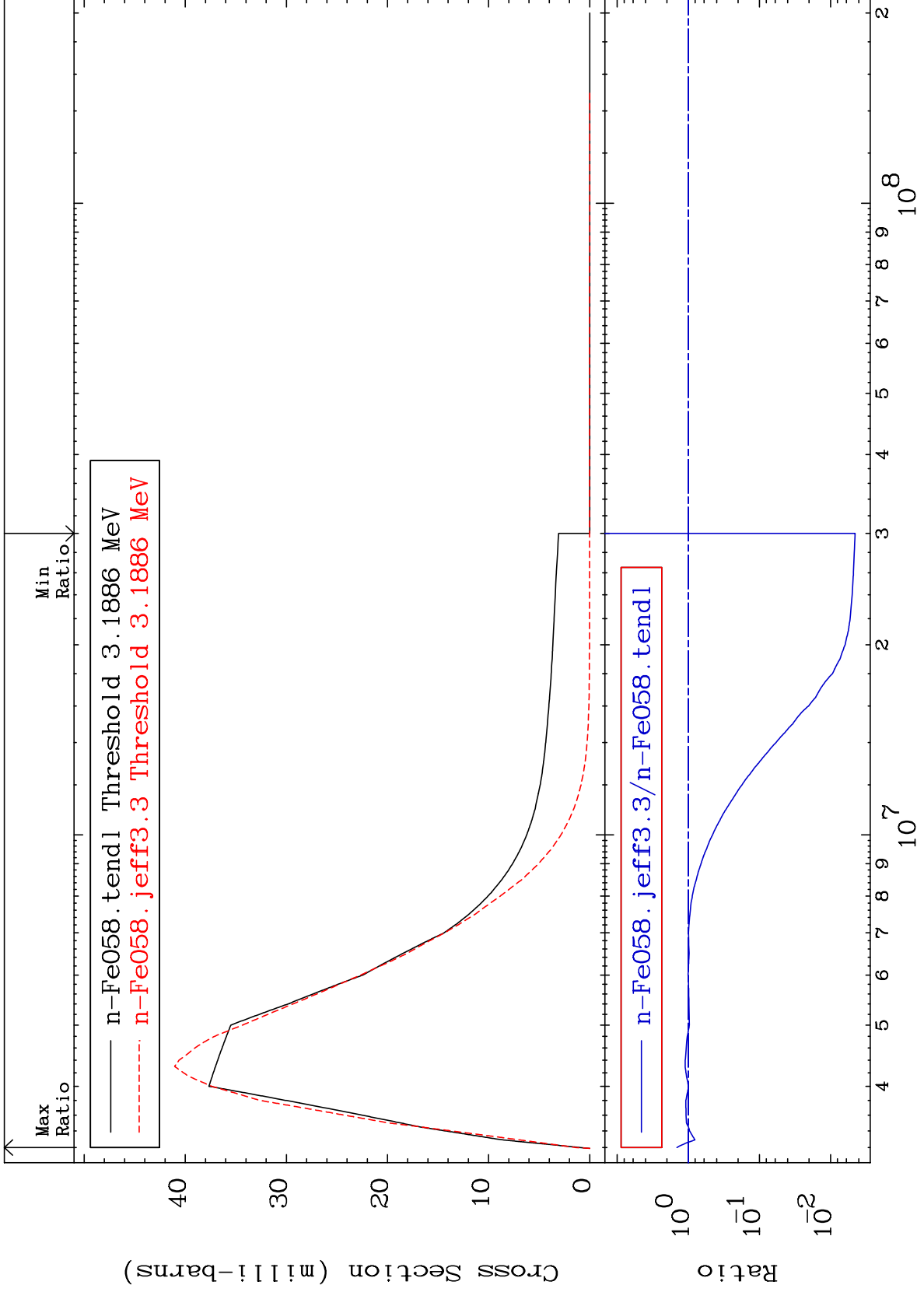
Incident Energy (eV)

²⁶-Fe-58

MAT 2637

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

²⁶-Fe-58
-99.55 To 44.69 %



18

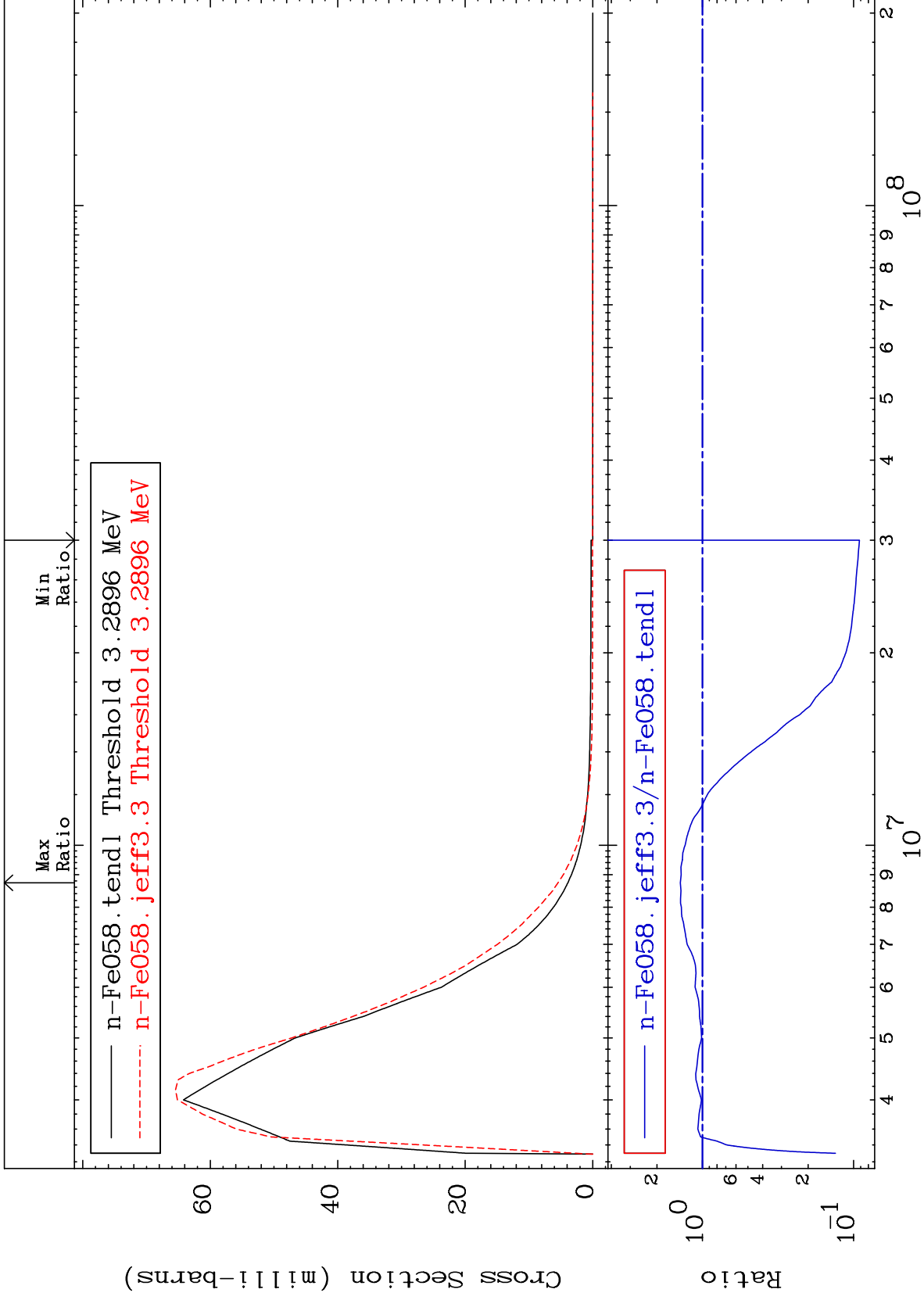
Incident Energy (eV)

²⁶-Fe-58

MAT 2637

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

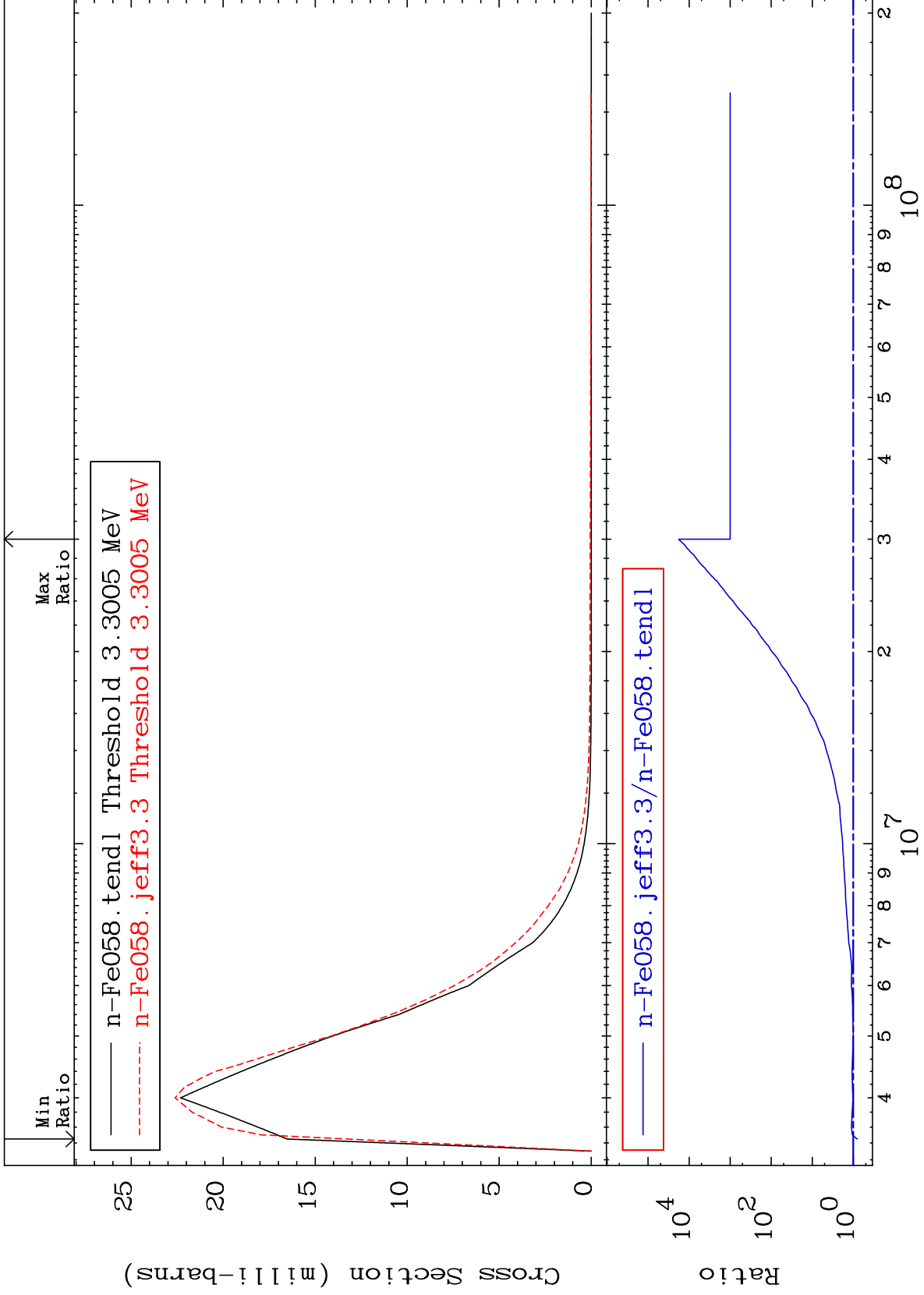
26-Fe-58
-90.84 To 39.90 %



MAT 2637

MT= 64 (n,n') Level
Cross Section

26-Fe-58
-19.69 To 9999. %



20

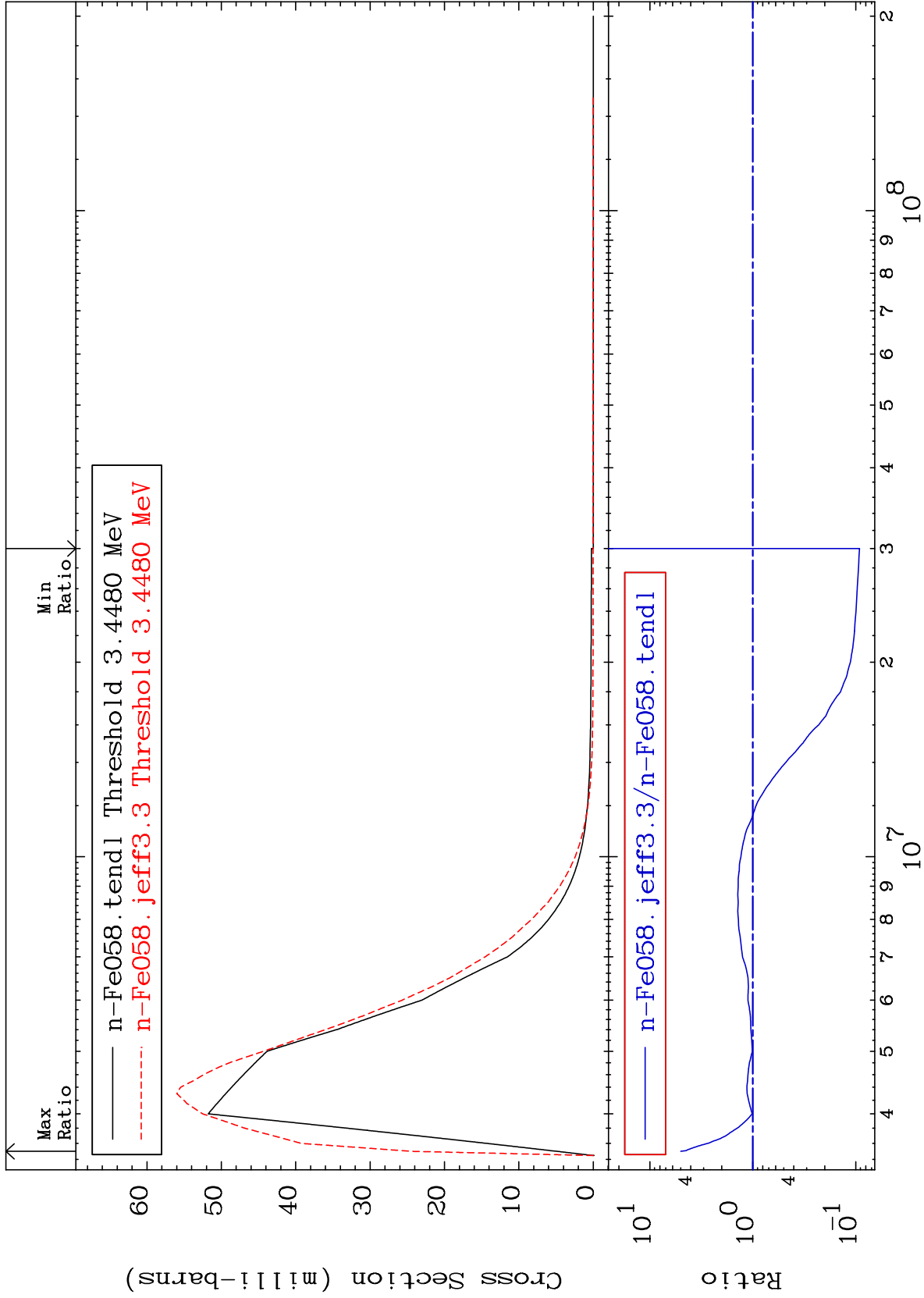
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 65 (n,n') Level
Cross Section

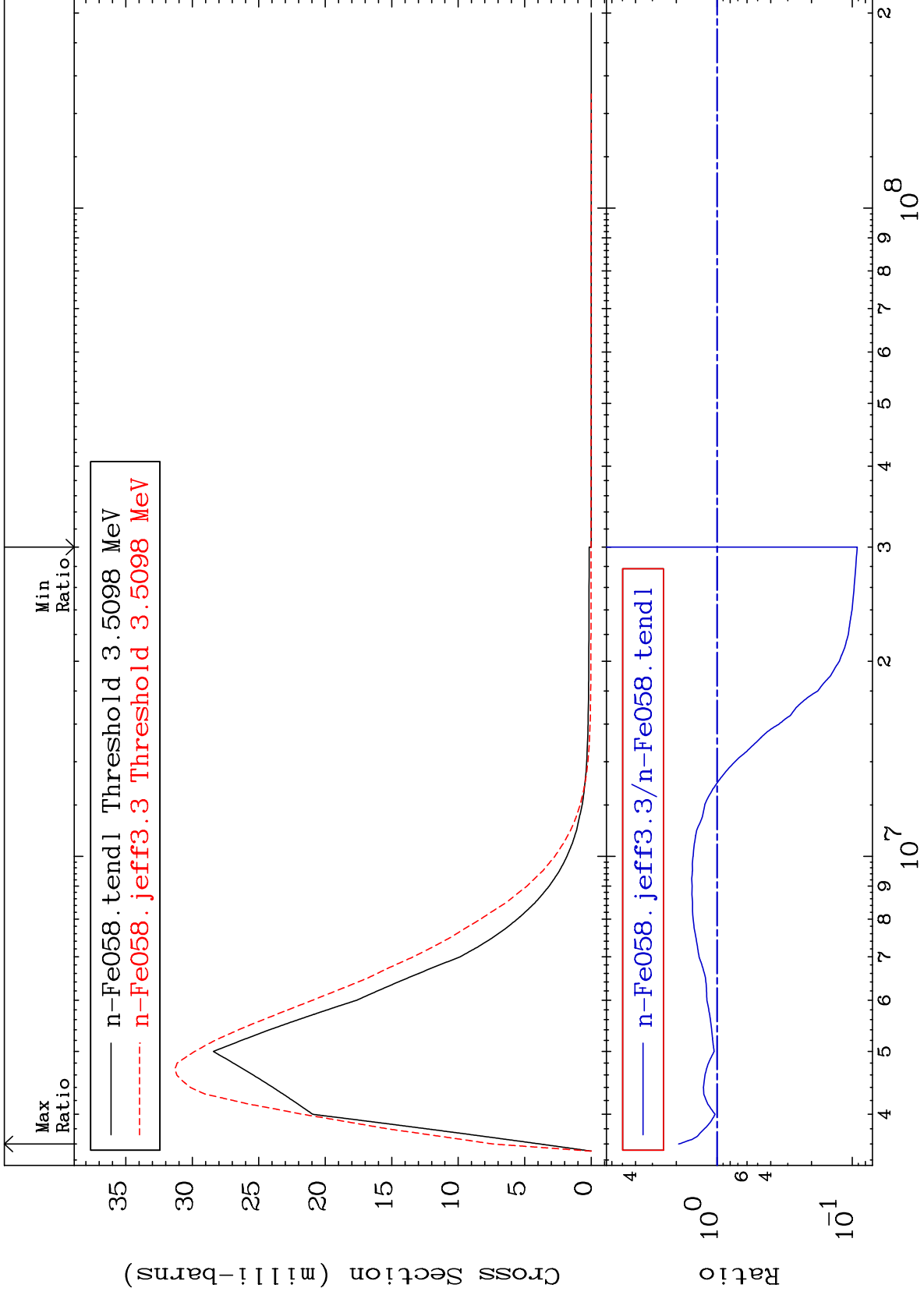
²⁶-Fe-58
-90.82 To 400.6 %



MAT 2637

MT= 66 (n,n') Level
Cross Section

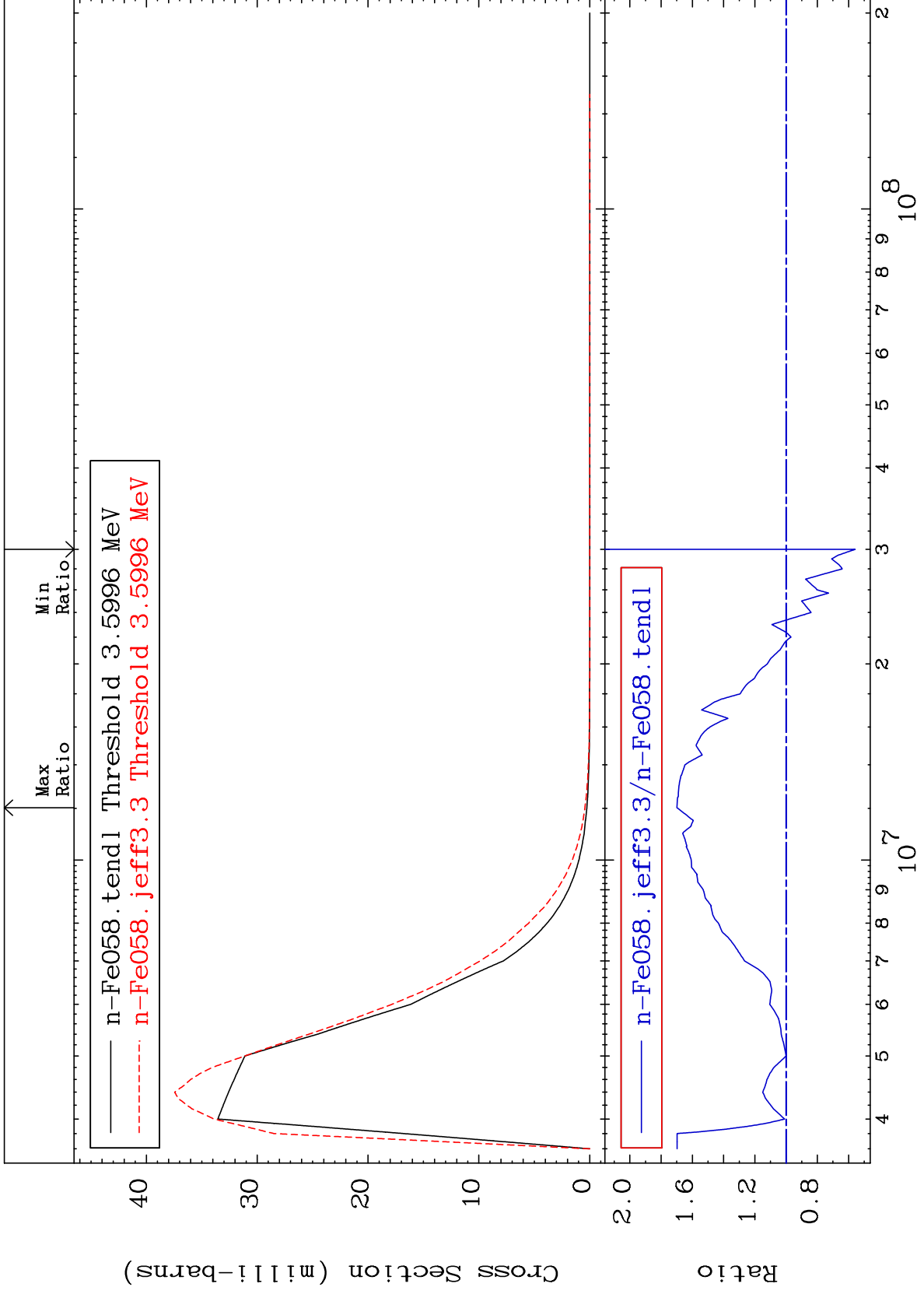
²⁶-Fe-58
-90.82 To 92.12 %



MAT 2637

MT= 67 (n, n') Level
Cross Section

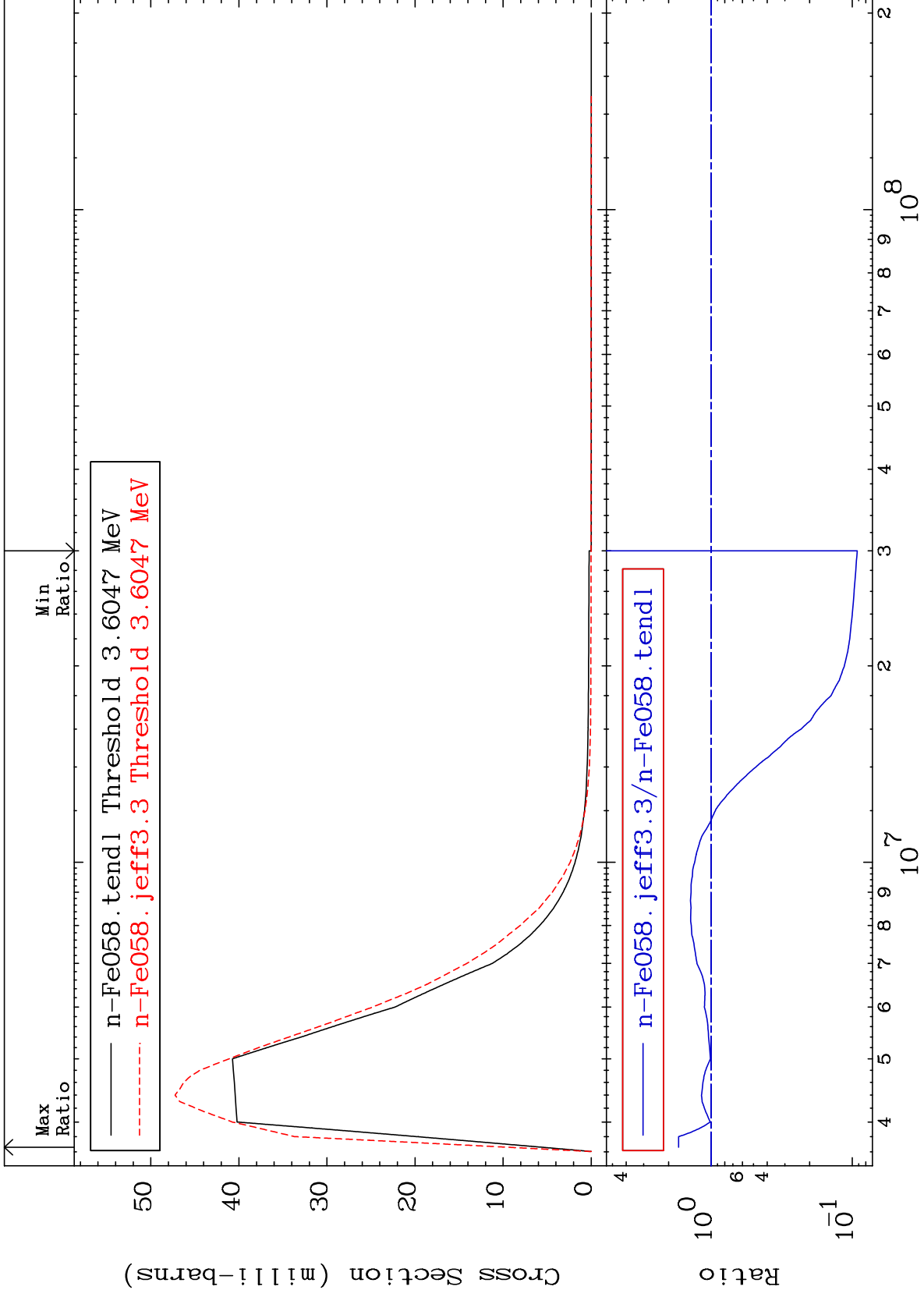
²⁶Fe-58
-44.15 To 69.89 %



MAT 2637

MT= 68 (n,n') Level
Cross Section

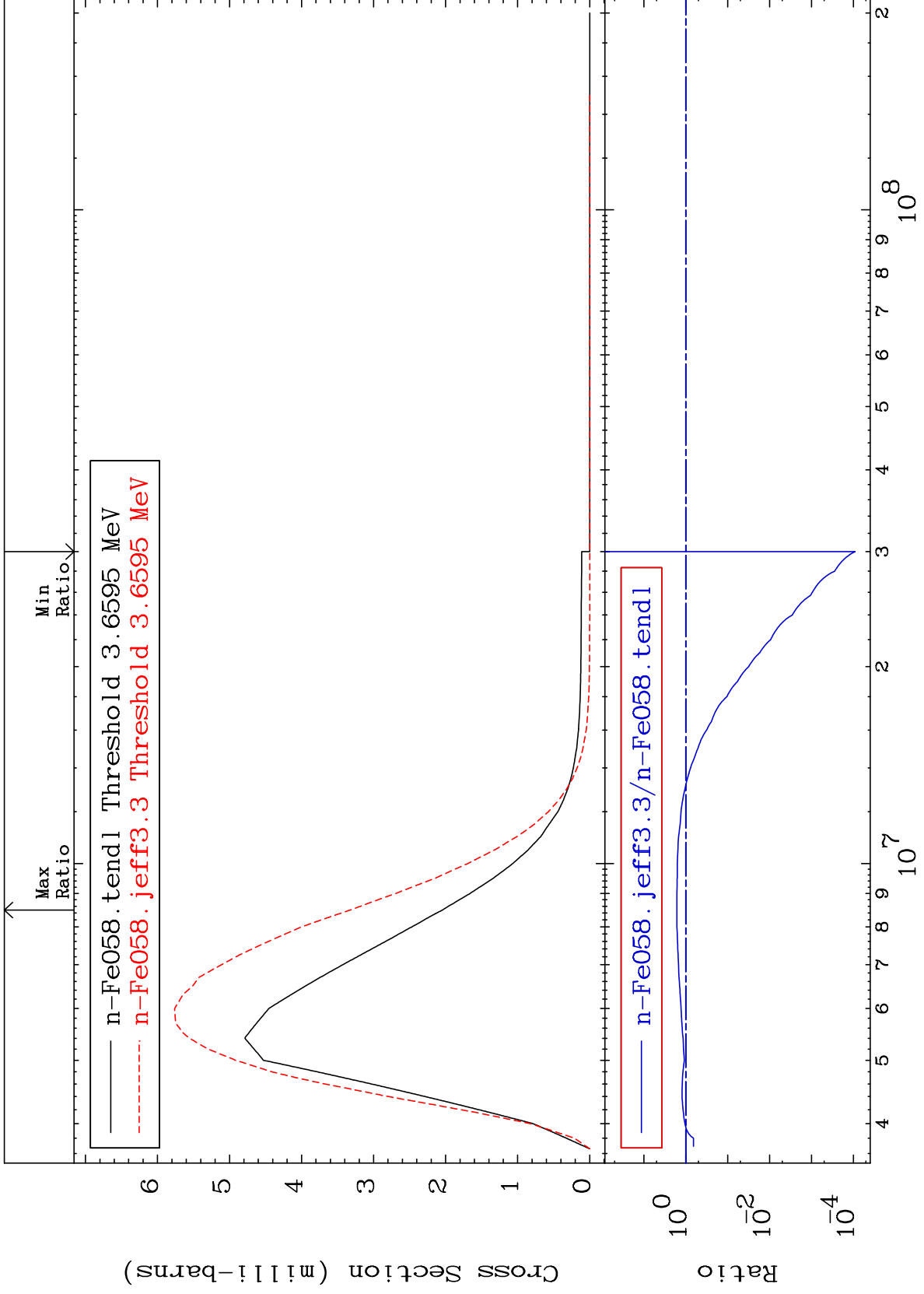
²⁶-Fe-58
-90.79 To 69.69 %



MAT 2637

MT= 69 (n,n') Level
Cross Section

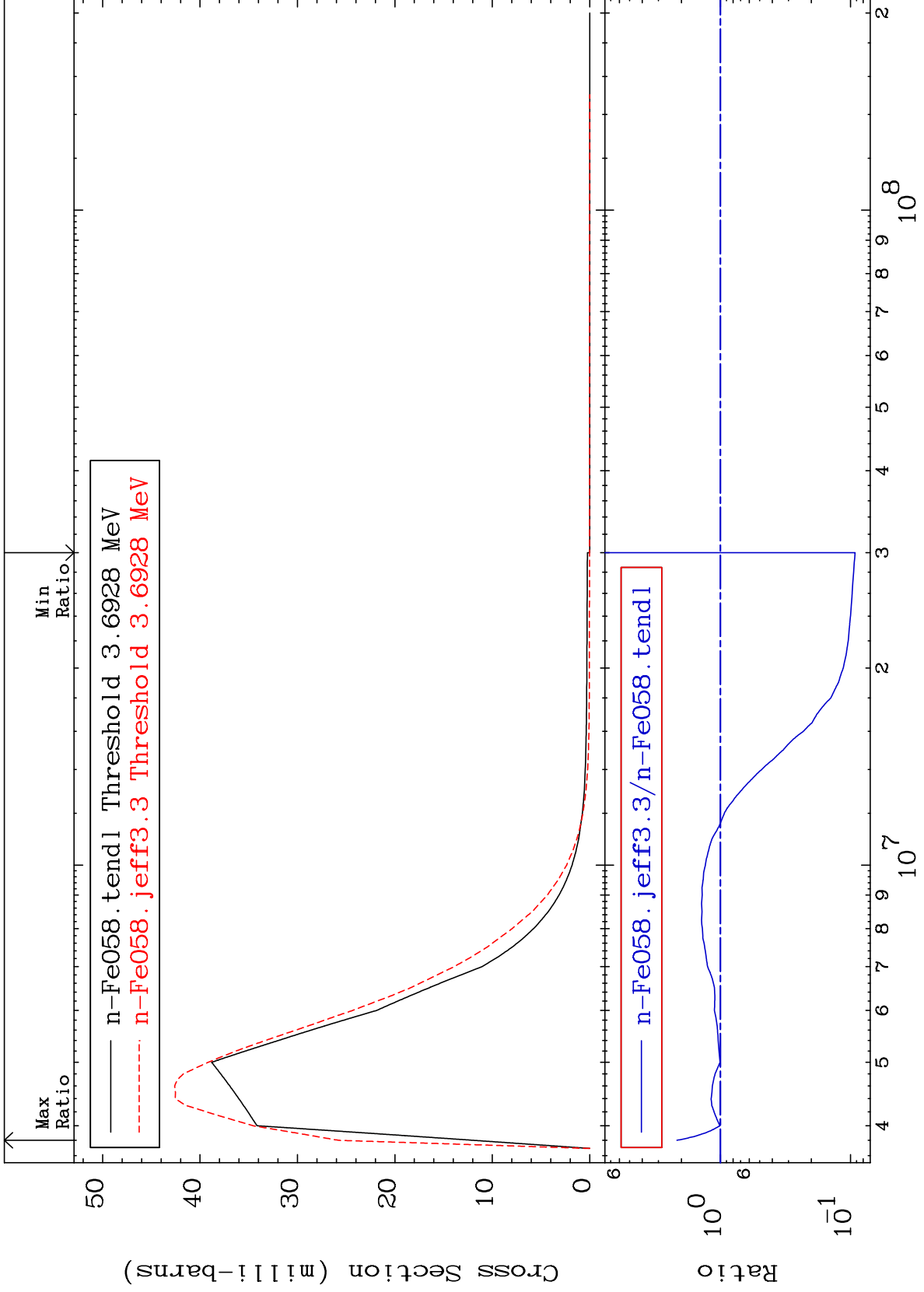
²⁶-Fe-58
-99.99 To 62.49 %



MAT 2637

MT= 70 (n,n') Level
Cross Section

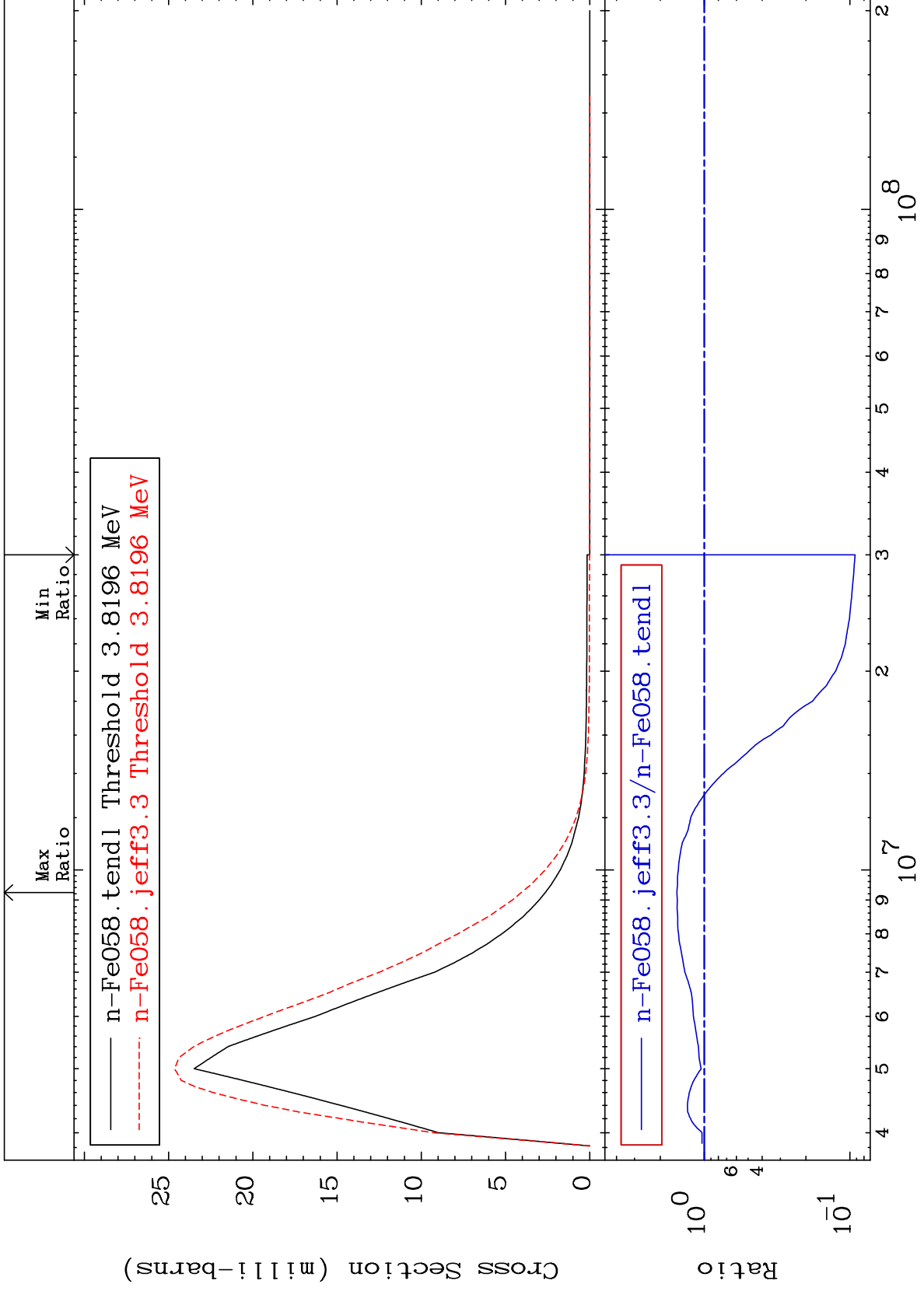
²⁶Fe-58
-90.78 To 116.3 %



MAT 2637

MT= 71 (n,n') Level
Cross Section

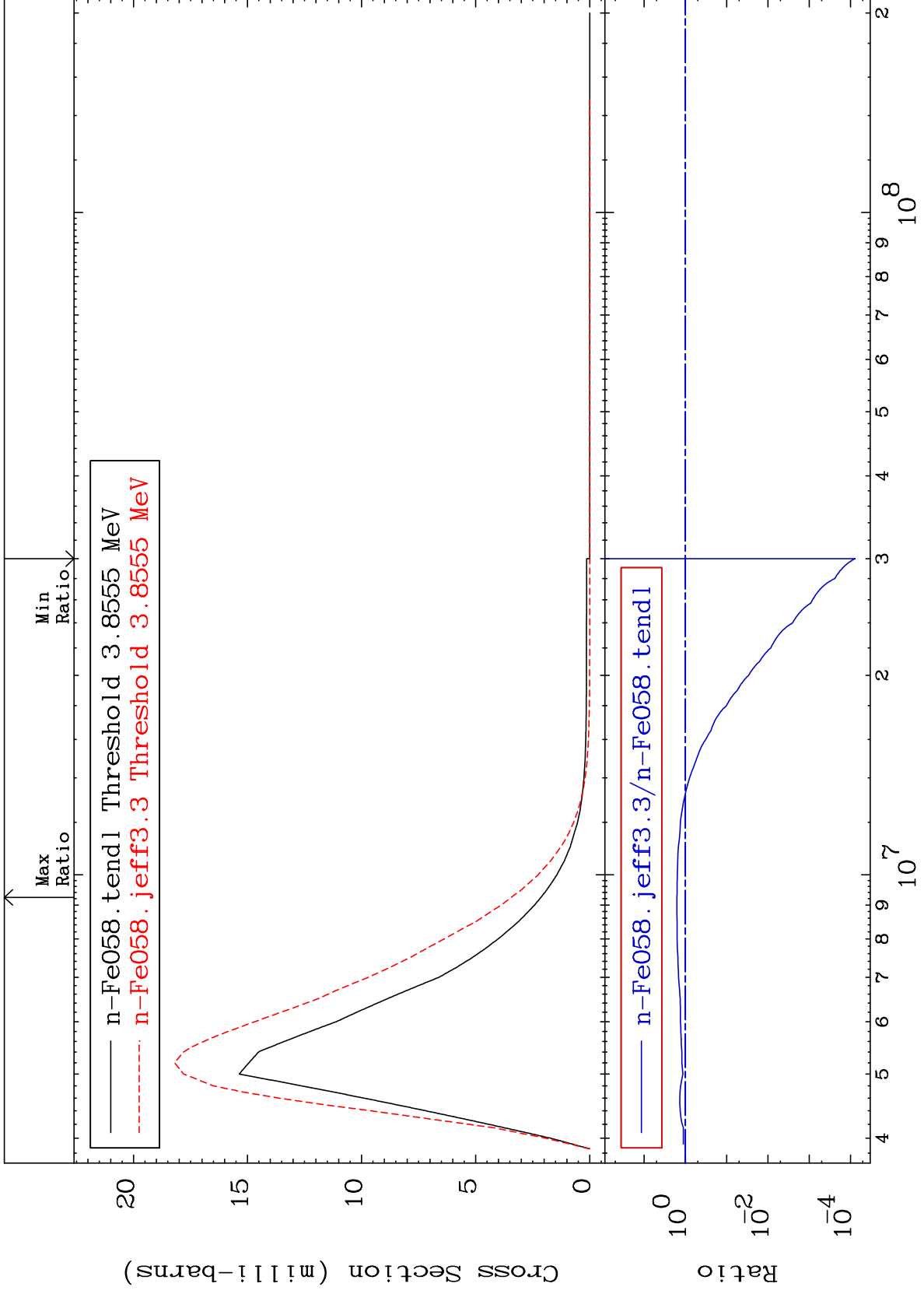
26-Fe-58
-90.79 To 53.80 %



MAT 2637

MT= 72 (n,n') Level
Cross Section

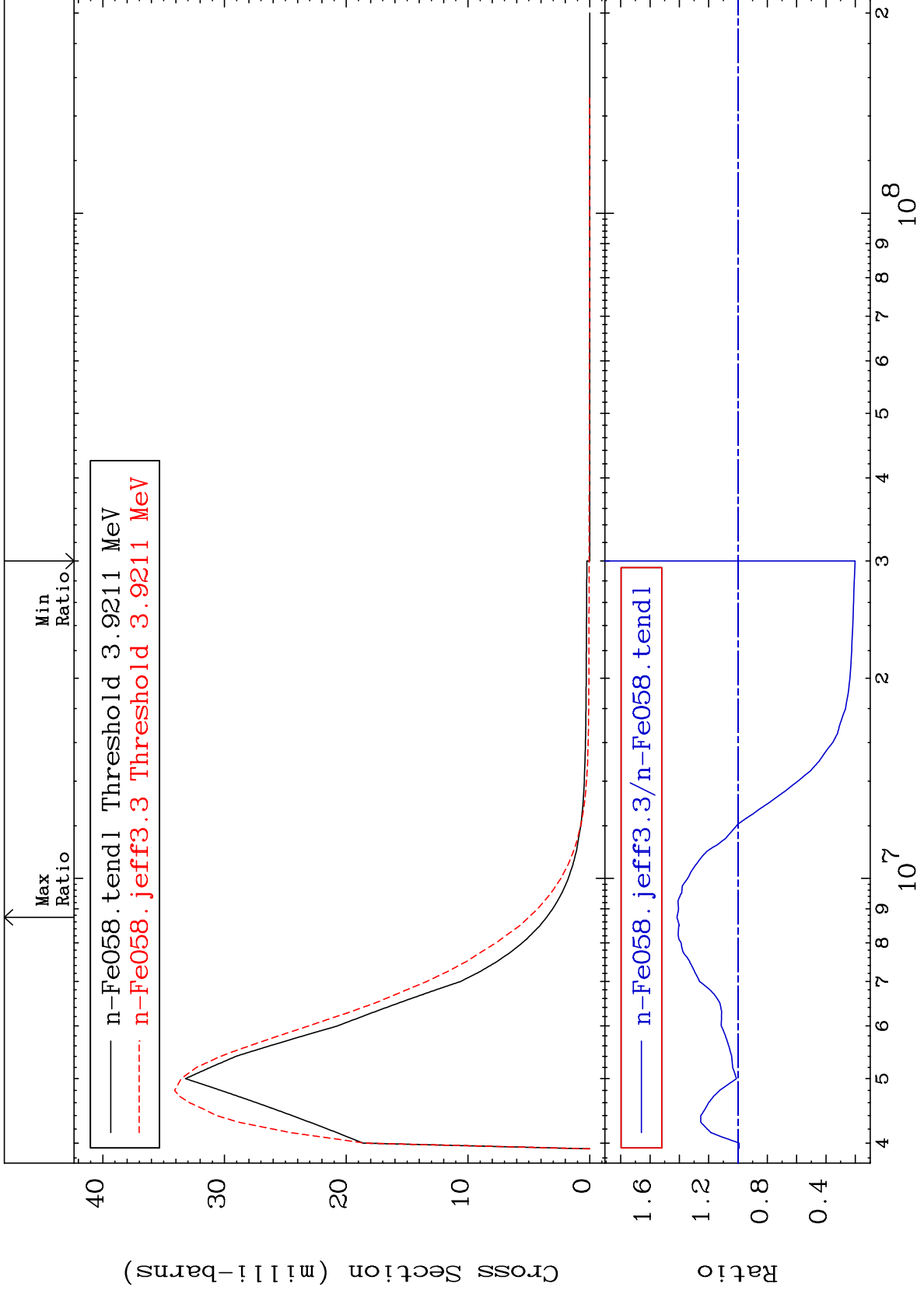
²⁶Fe-58
-99.99 To 60.83 %



MAT 2637

MT= 73 (n,n') Level
Cross Section

²⁶-Fe-58
-79.84 To 41.68 %



29

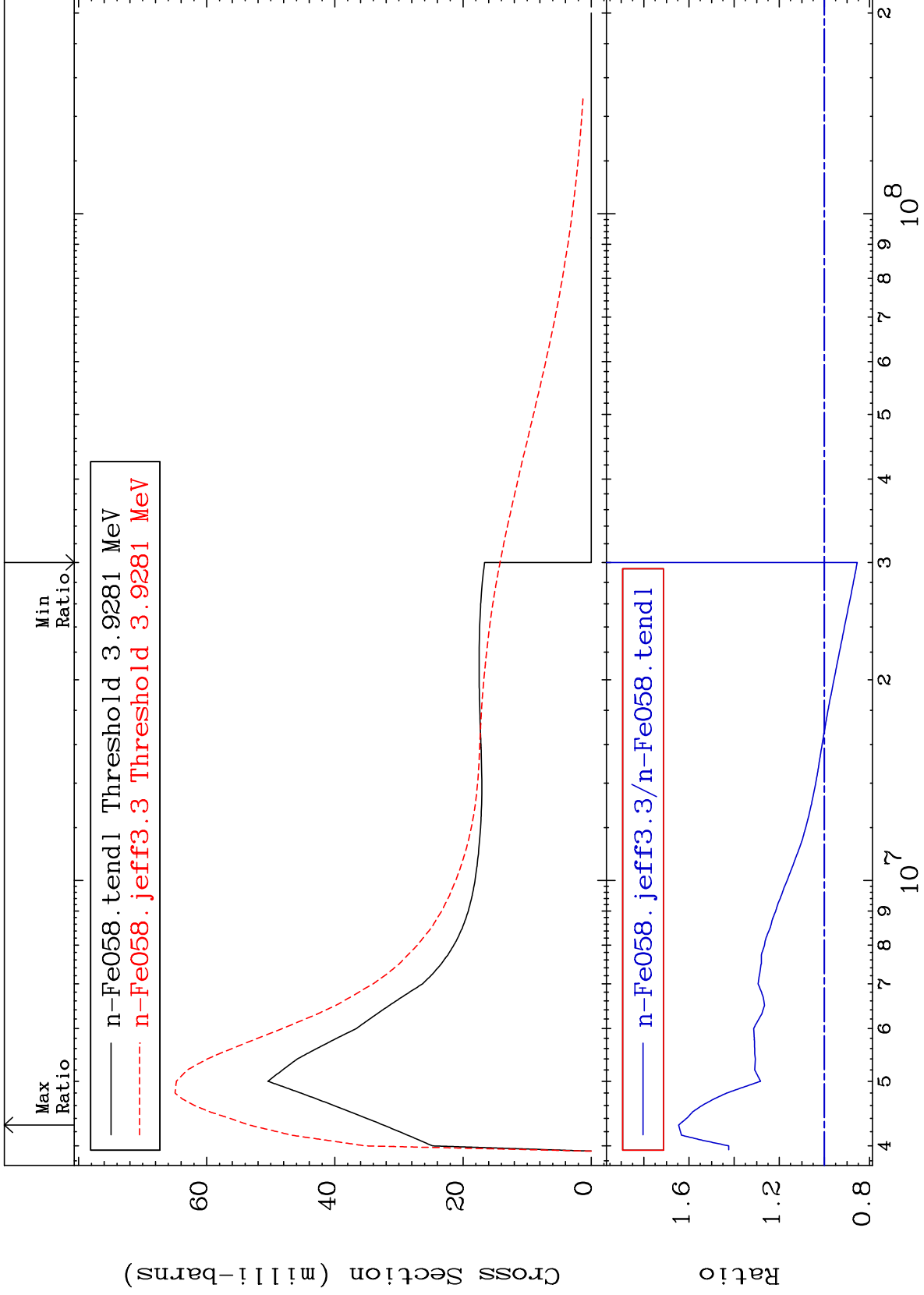
Incident Energy (eV)

²⁶-Fe-58

MAT 2637

MT= 74 (n,n') Level
Cross Section

²⁶-Fe-58
-14.54 To 64.59 %



30

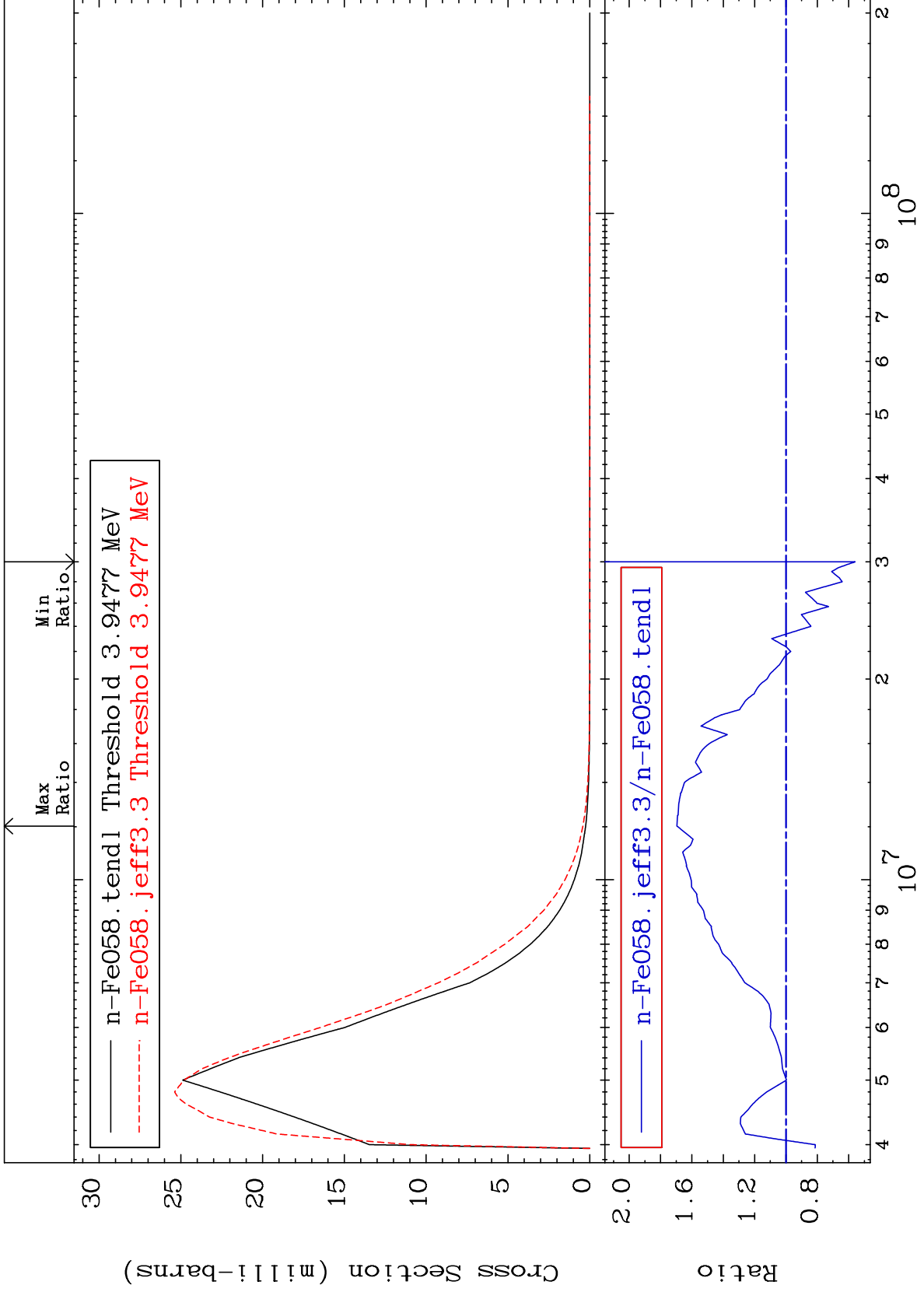
Incident Energy (eV)

²⁶-Fe-58

MAT 2637

MT= 75 (n,n') Level
Cross Section

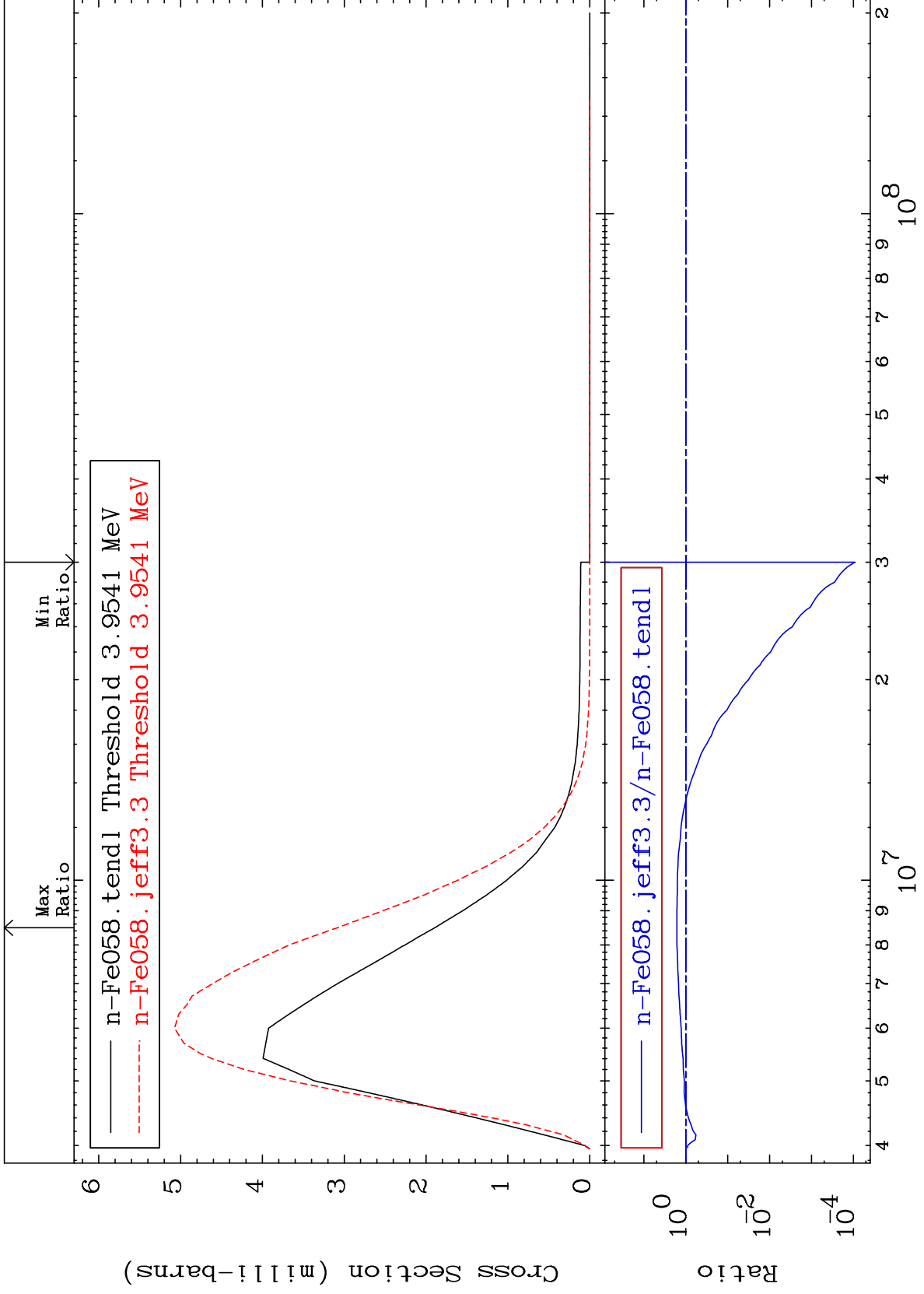
26-Fe-58
-44.11 To 69.56 %



MAT 2637

MT= 76 (n,n') Level
Cross Section

26-Fe-58
-99.99 To 63.01 %



32

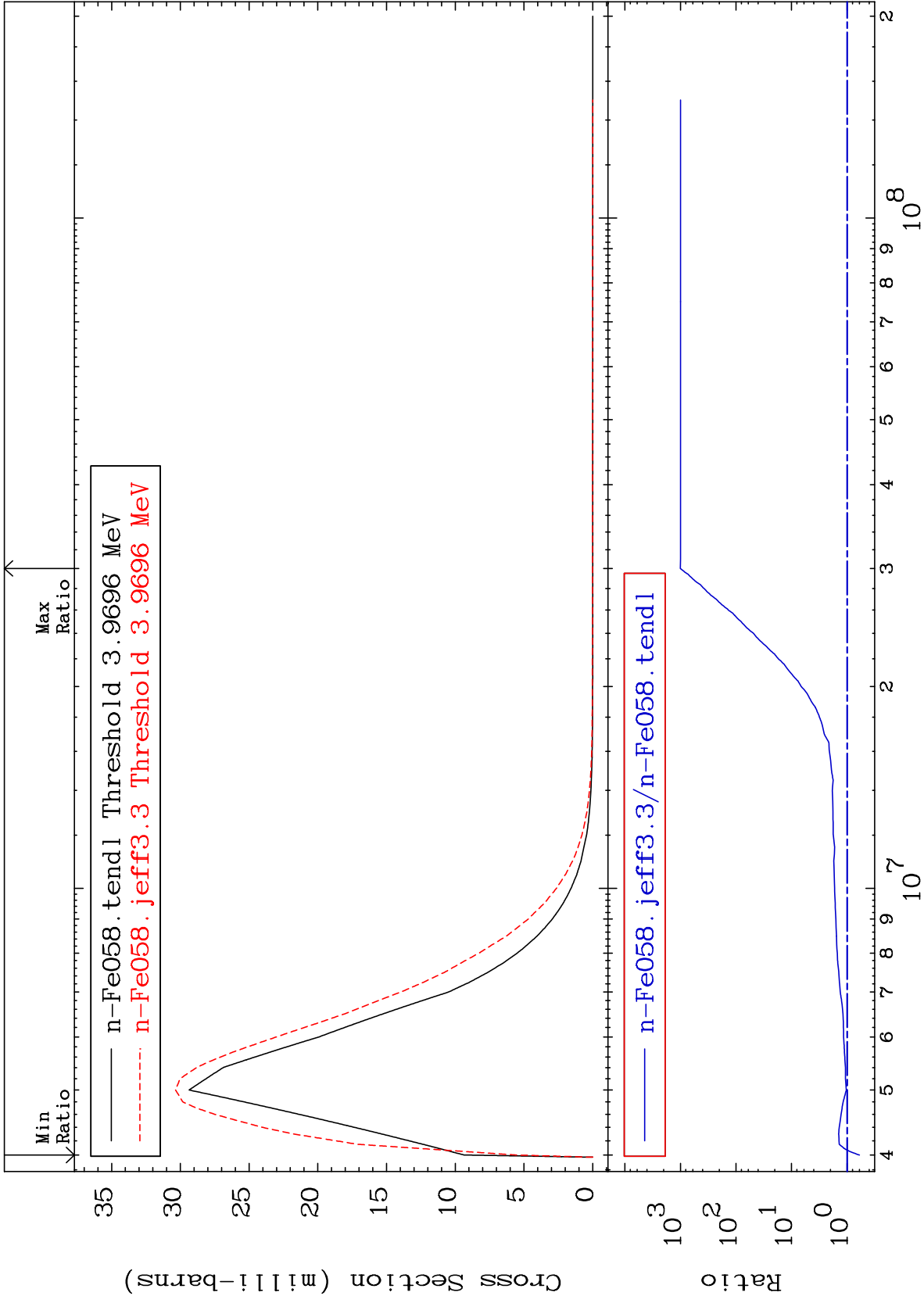
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 77 (n,n') Level
Cross Section

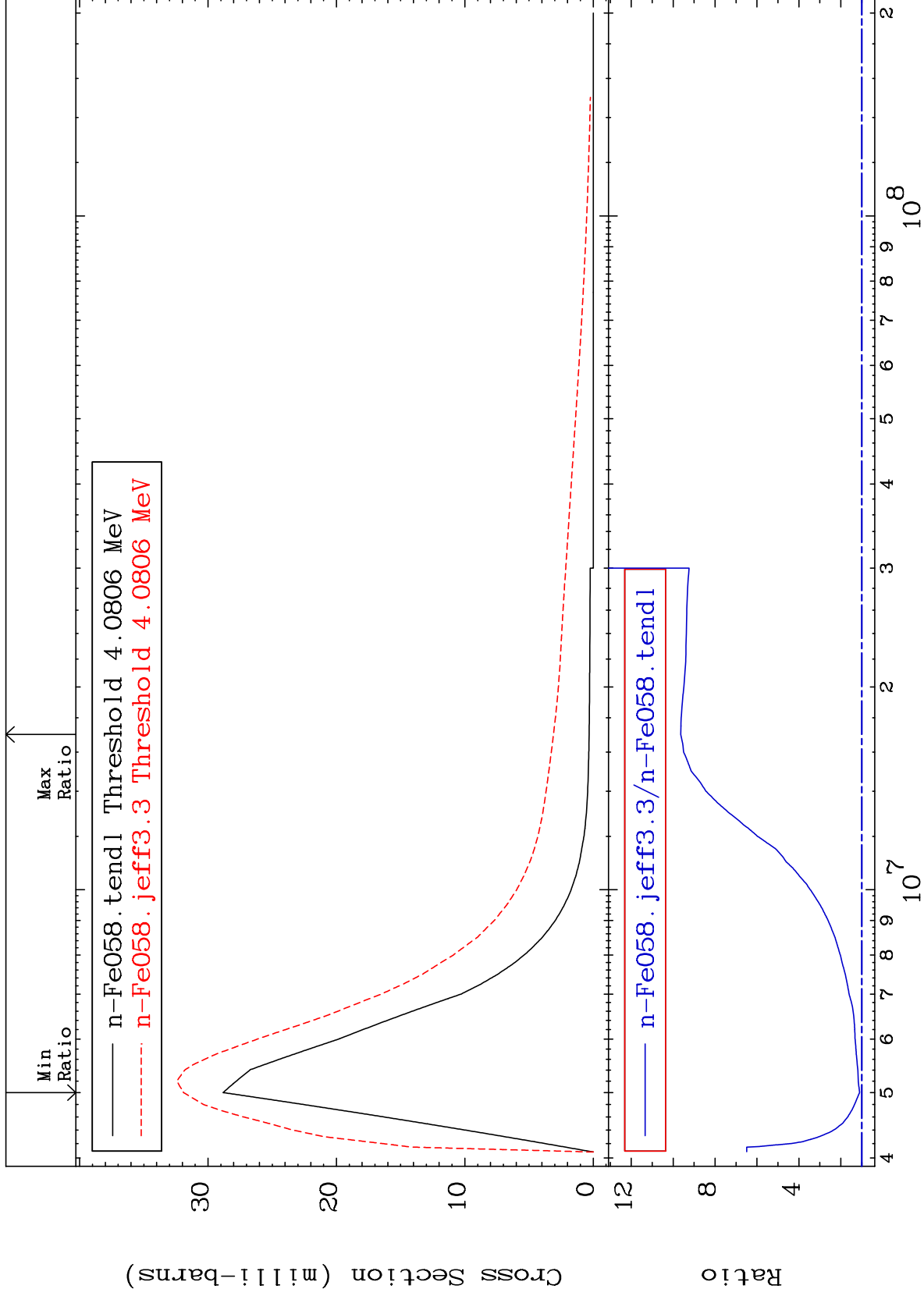
26-Fe-58
-40.01 To 9999. %



MAT 2637

MT= 78 (n,n') Level
Cross Section

26-Fe-58
10.66 To 863.7 %



34

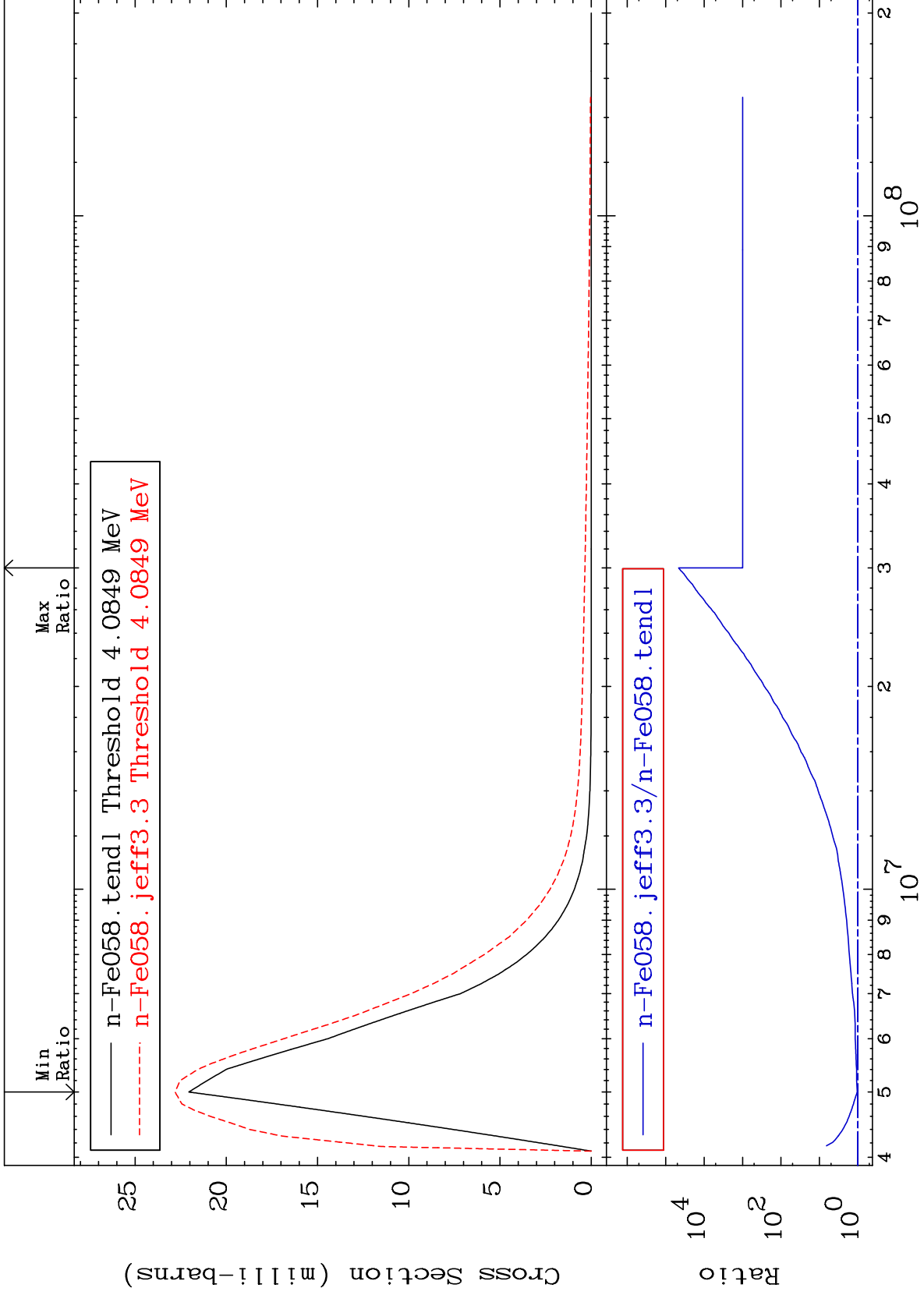
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 79 (n,n') Level
Cross Section

26-Fe-58
3.419 To 9999. %



35

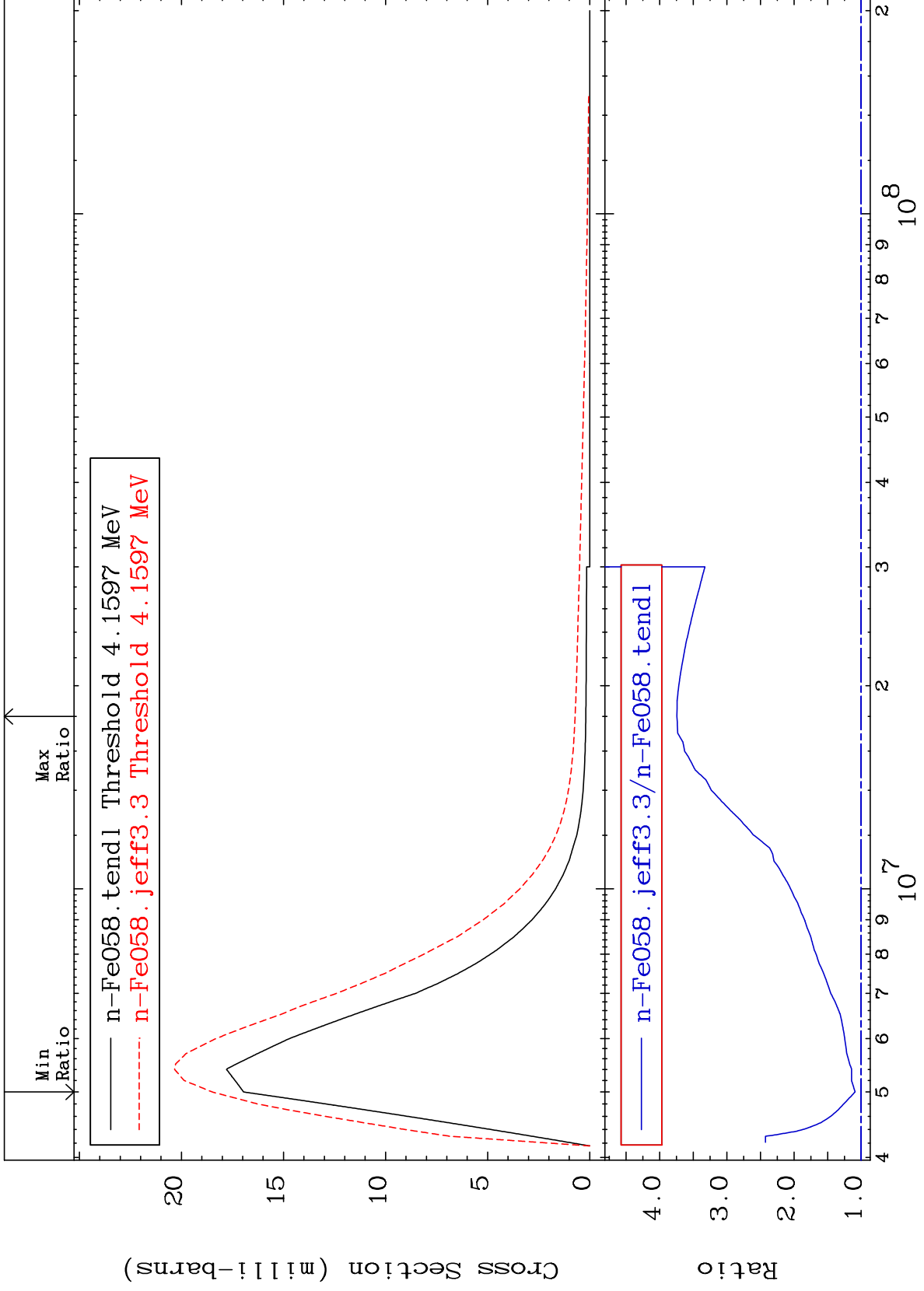
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 80 (n,n') Level
Cross Section

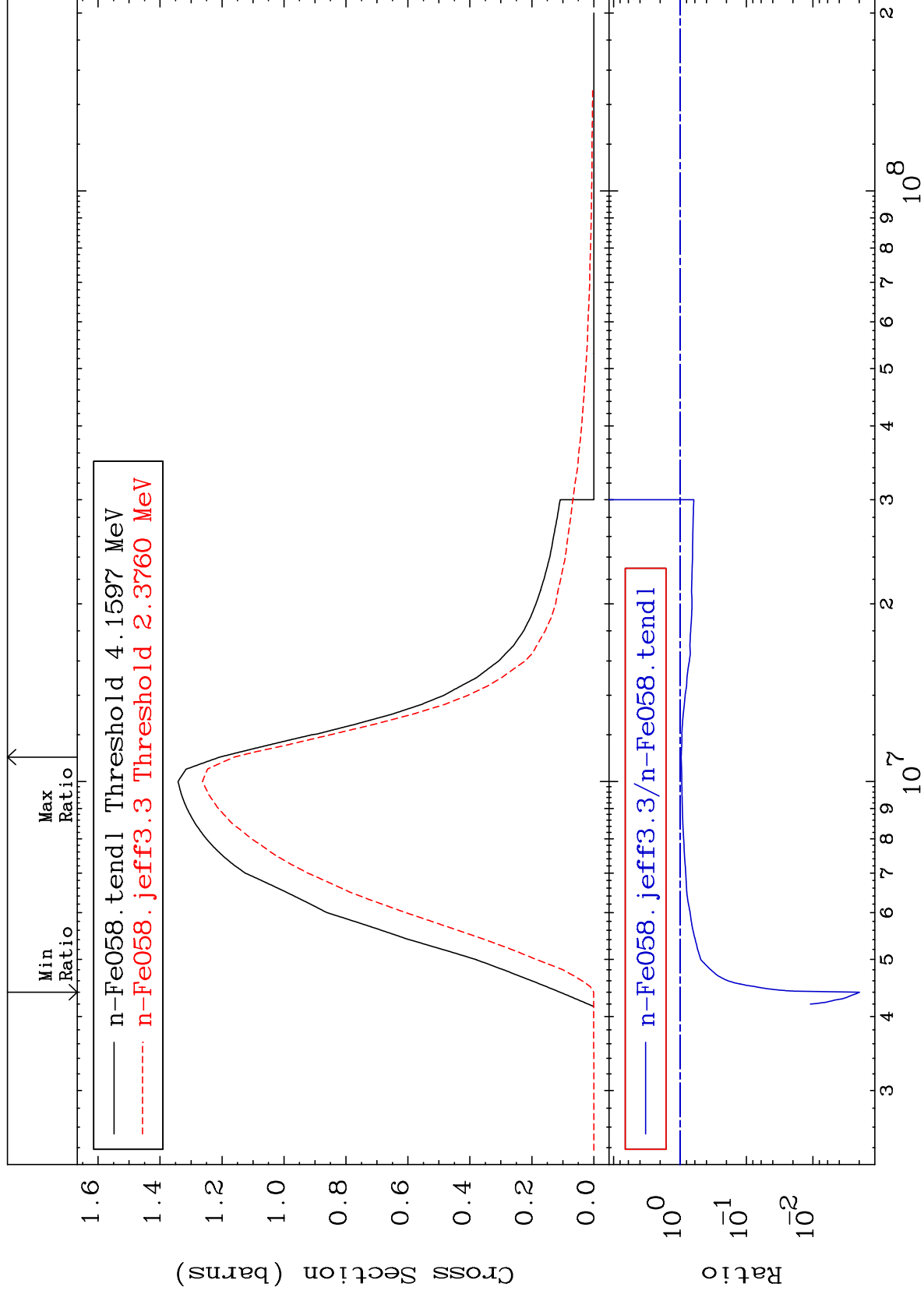
26-Fe-58
9.089 To 274.3 %



MAT 2637

(n, n') Continuum
Cross Section

²⁶Fe-58
-99.80 To -3.845%



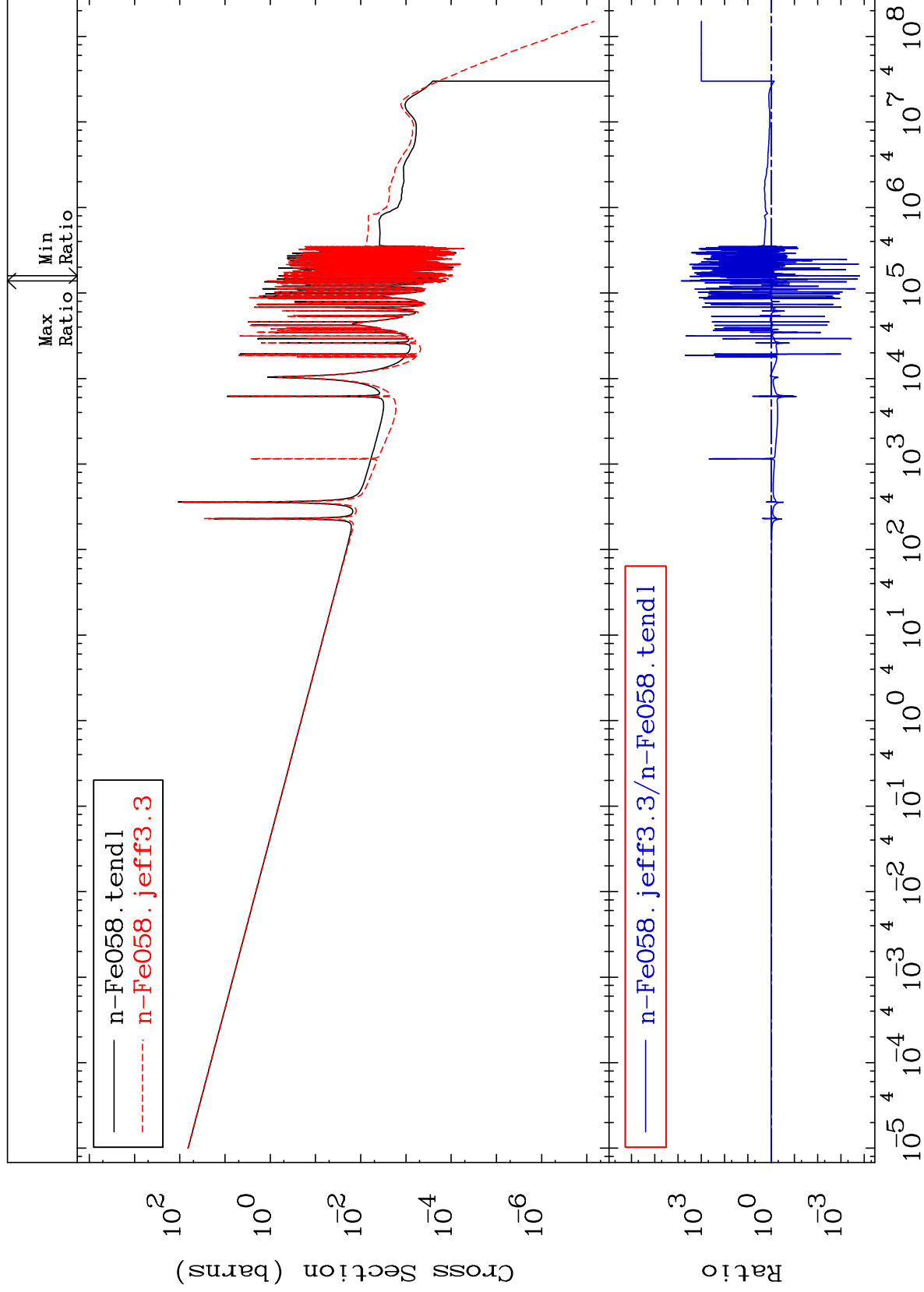
MAT 2637

(n, γ)

²⁶Fe-58

Cross Section

-99.98 To 9999. %



38

Incident Energy (eV)

²⁶Fe-58

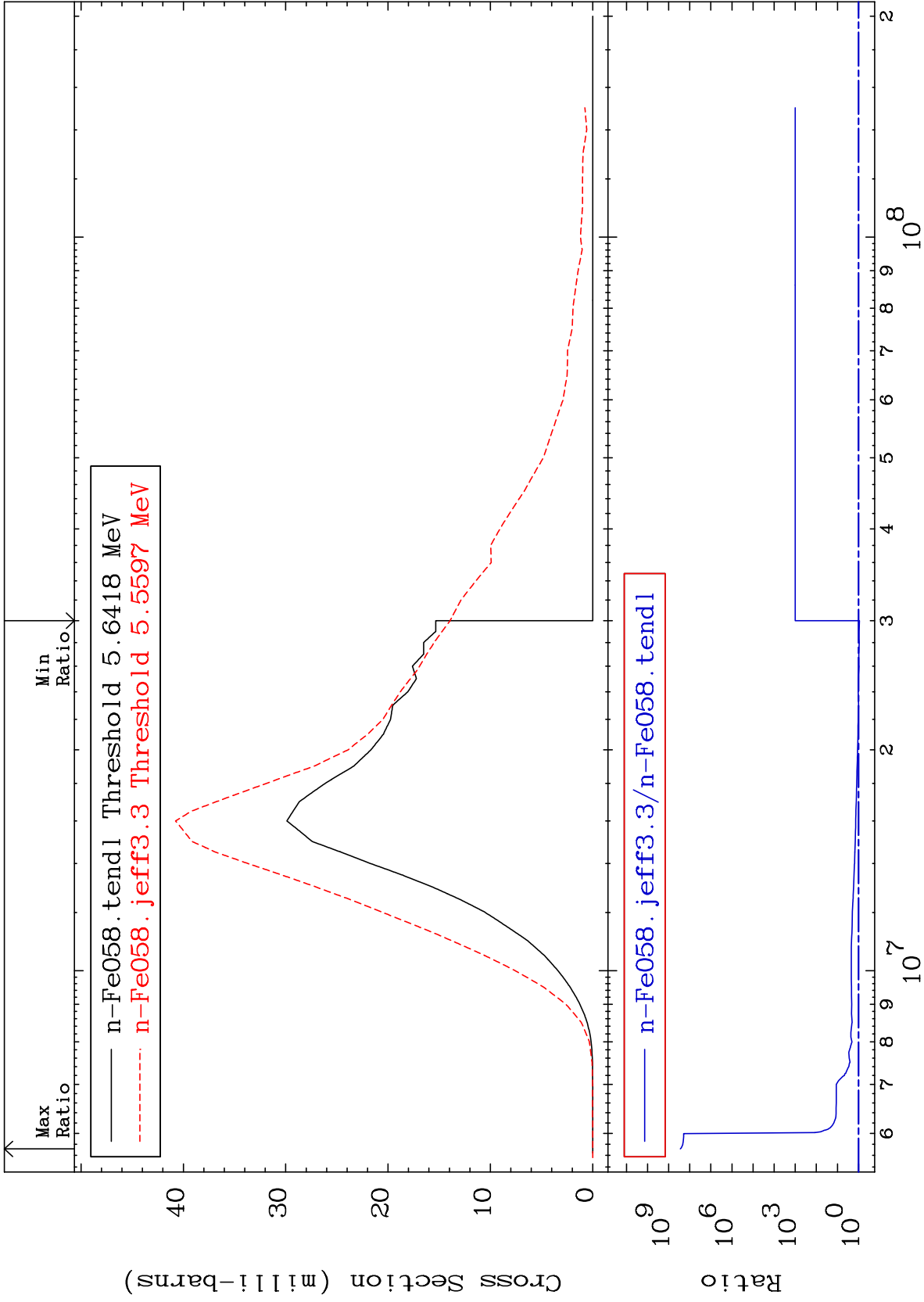
MAT 2637

(n,p)

²⁶Fe-58

Cross Section

-9.157 To 9999. %



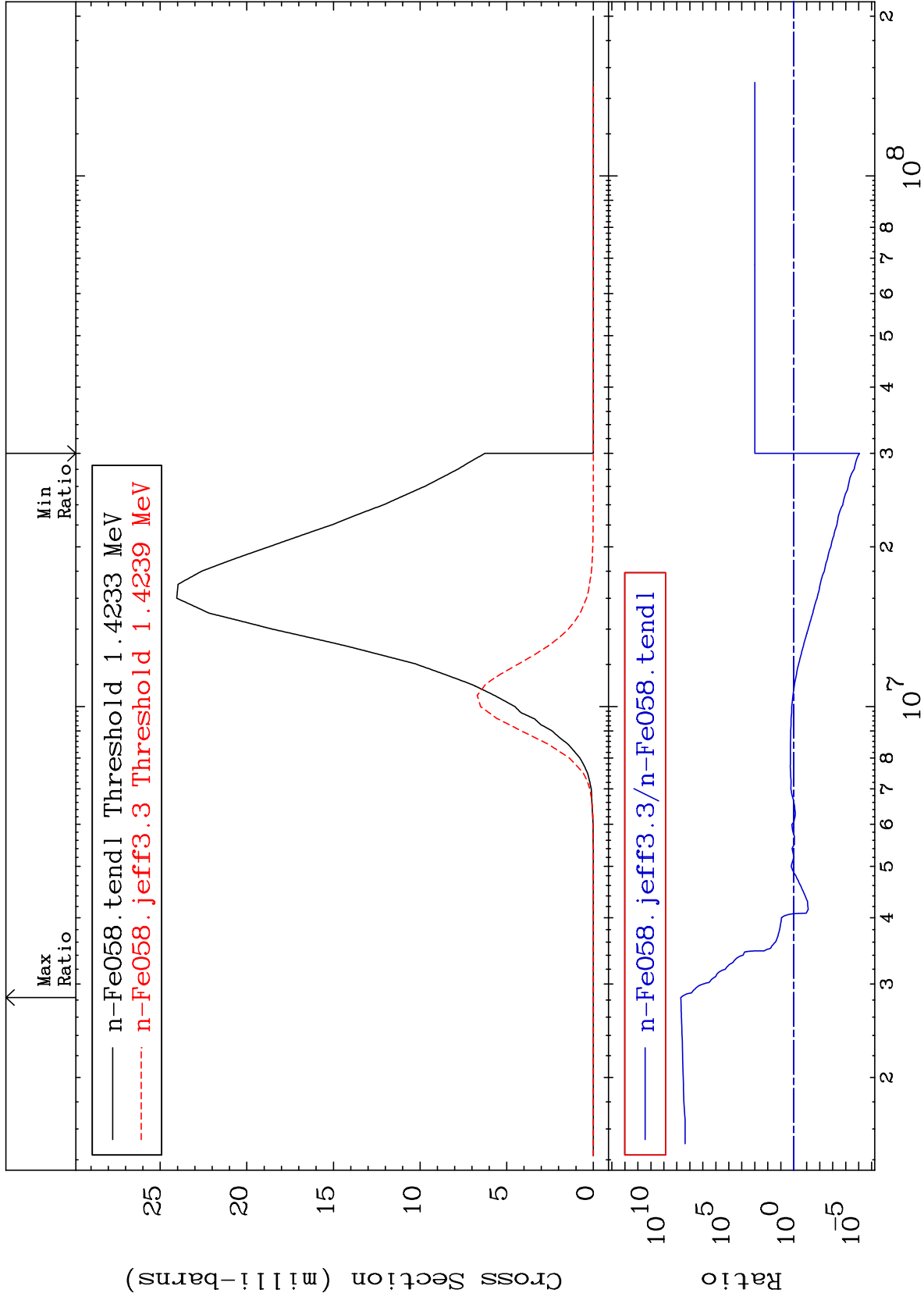
MAT 2637

(n, α)

²⁶Fe-58

Cross Section

-100.0 To 9999. %



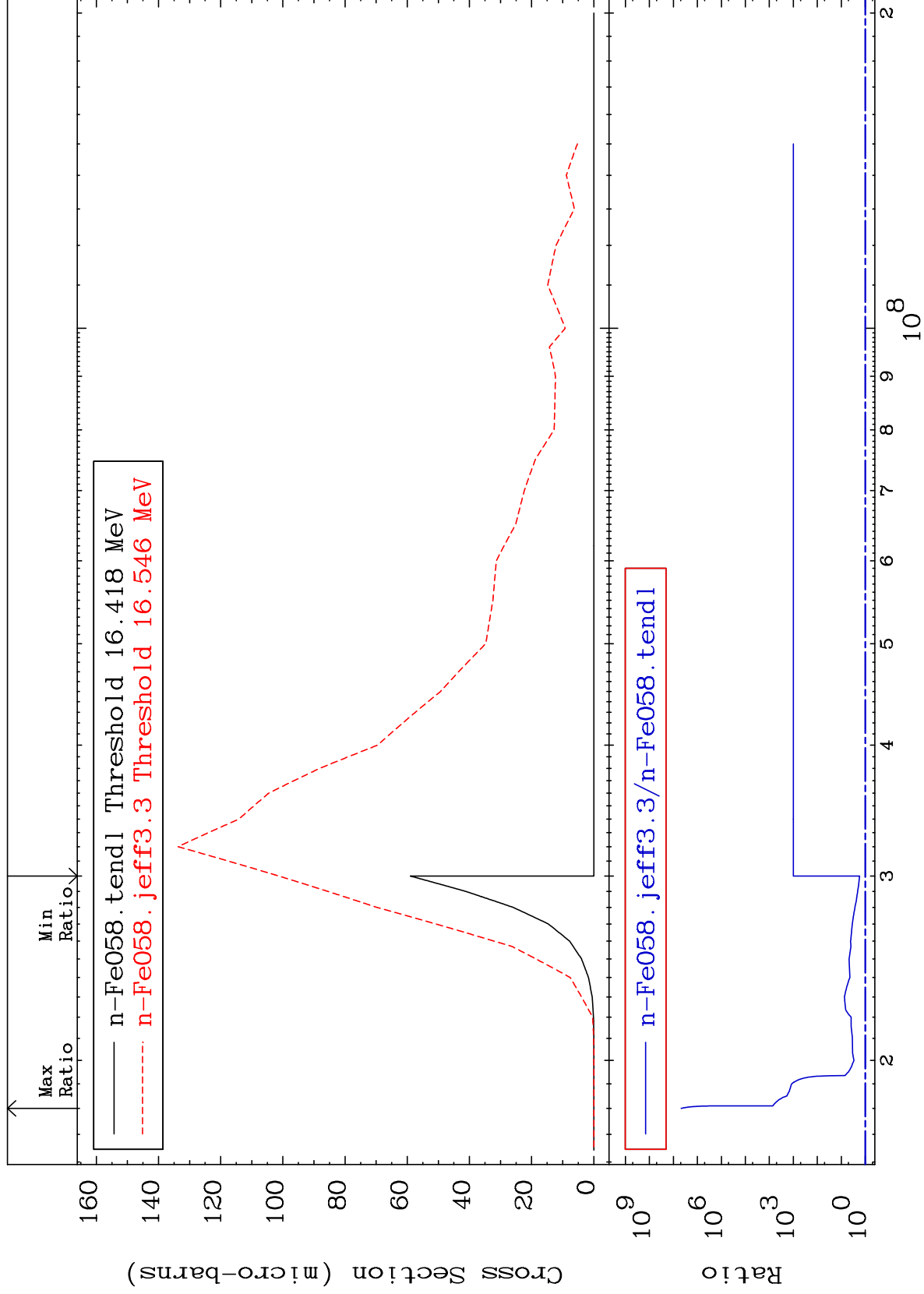
MAT 2637

(n,2p)

²⁶Fe-58

Cross Section

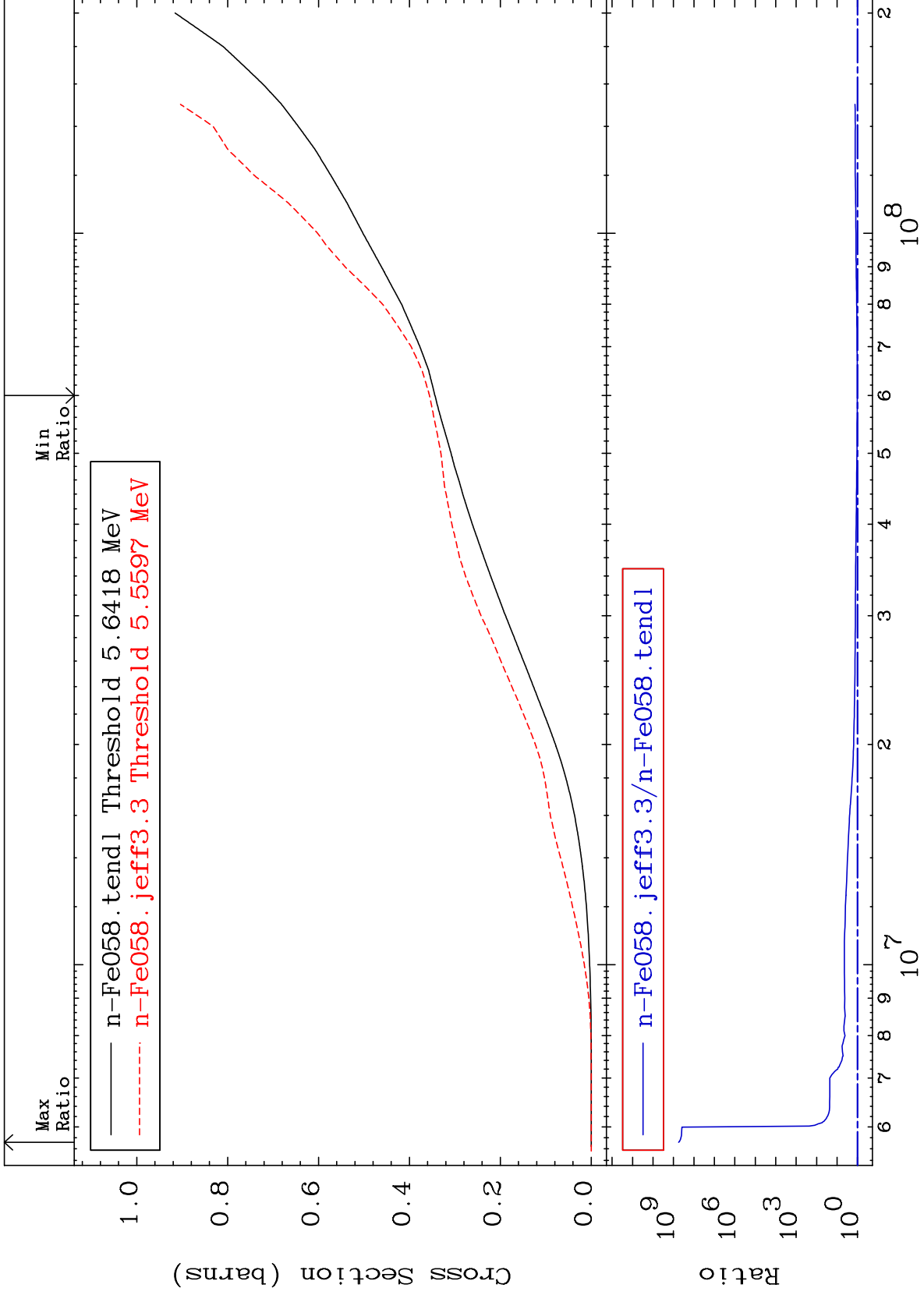
71.61 To 9999. %



MAT 2637

Hydrogen Production
Cross Section

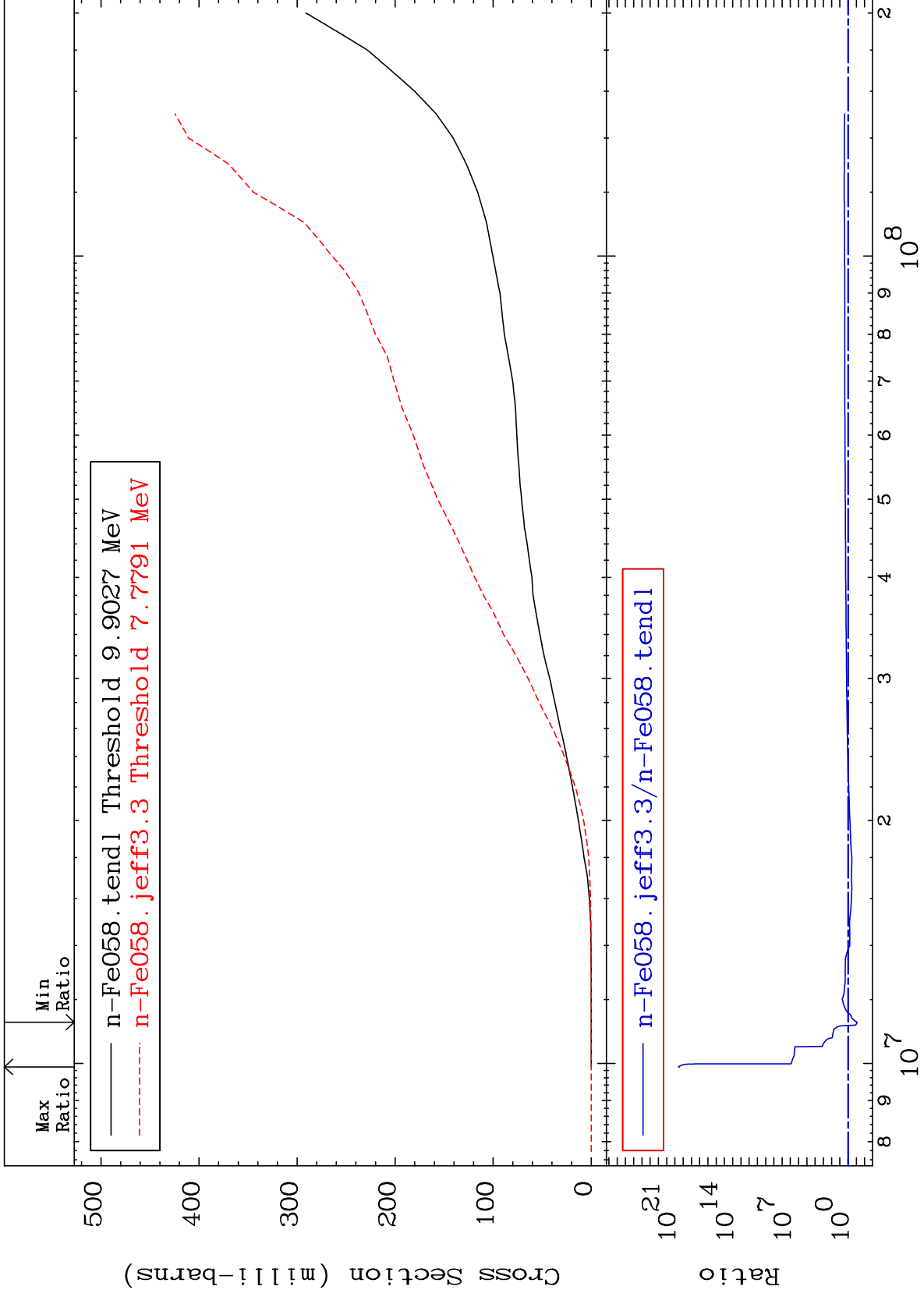
26-Fe-58
3.495 To 9999. %

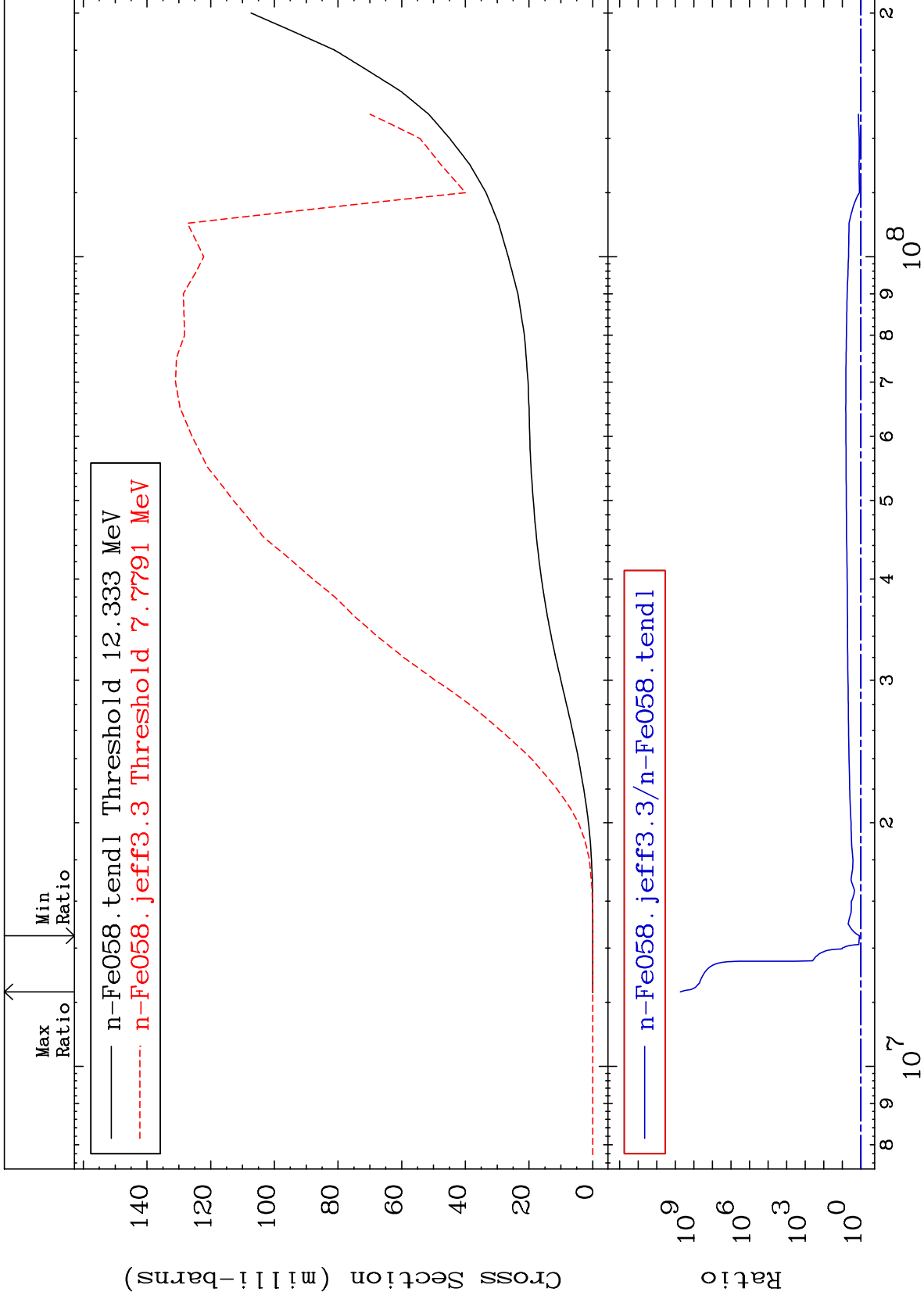


MAT 2637

Deuterium Production
Cross Section

26-Fe-58
-92.24 To 9999. %

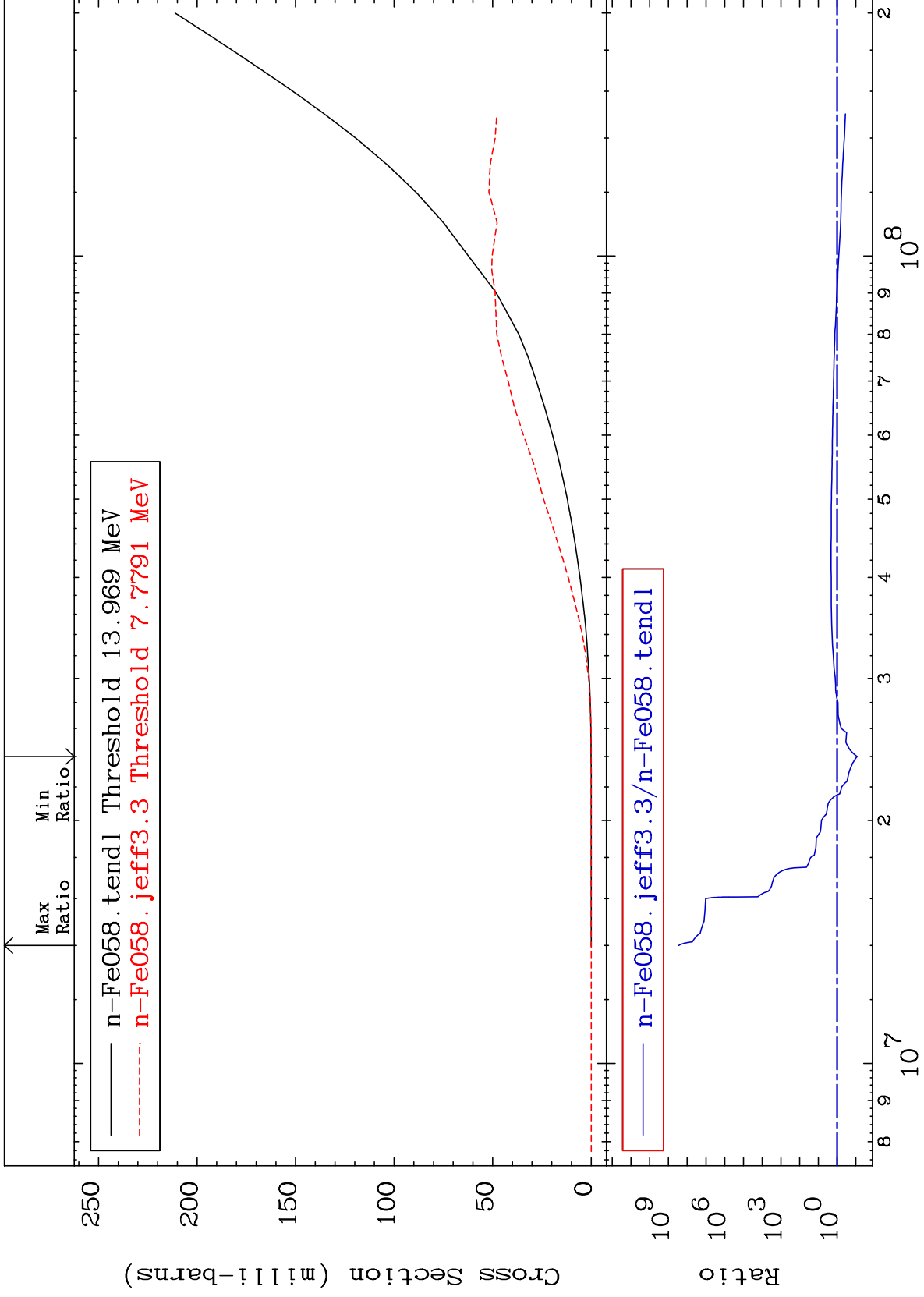




MAT 2637

He-3 Production
Cross Section

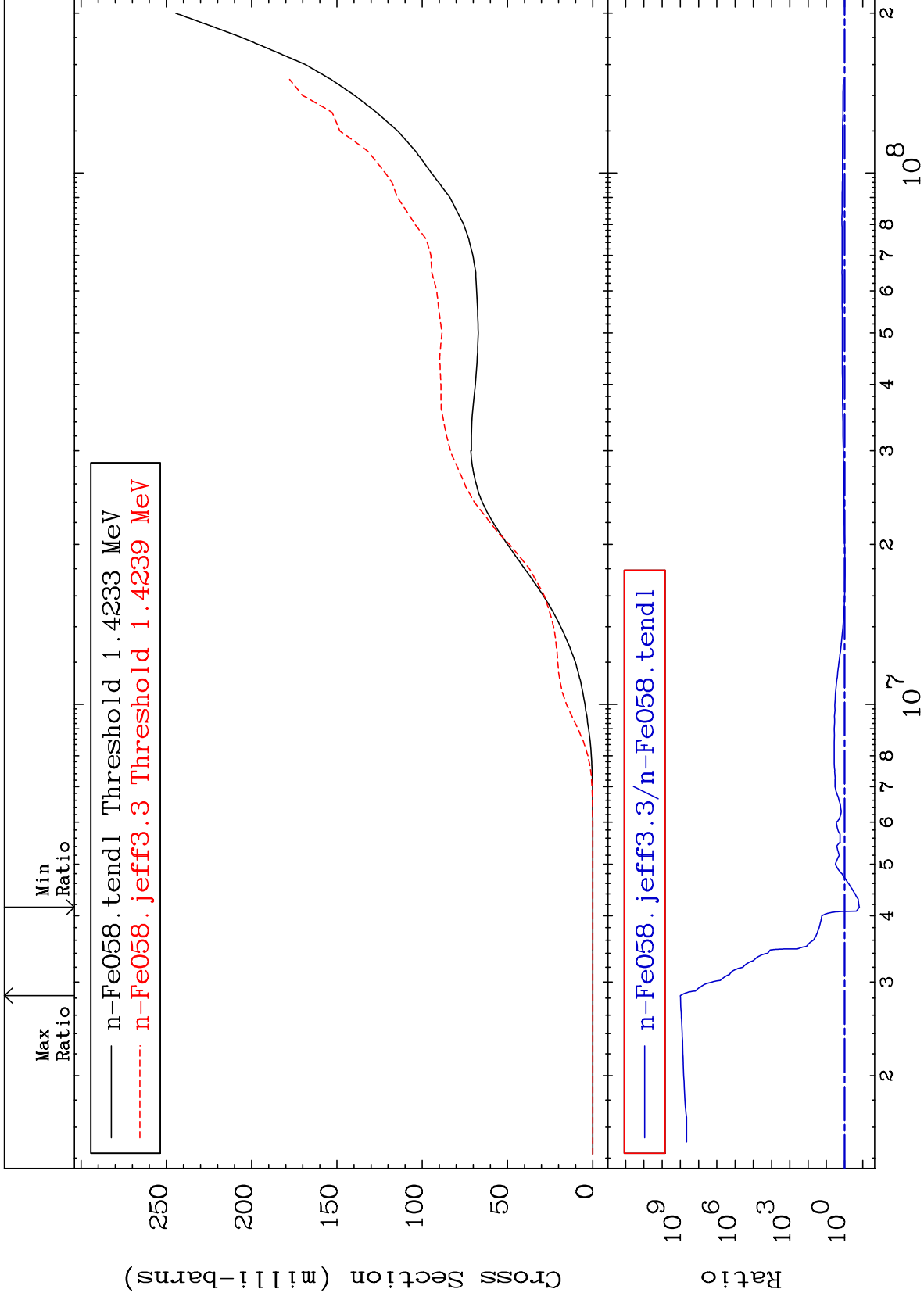
²⁶Fe-58
-91.72 To 9999. %

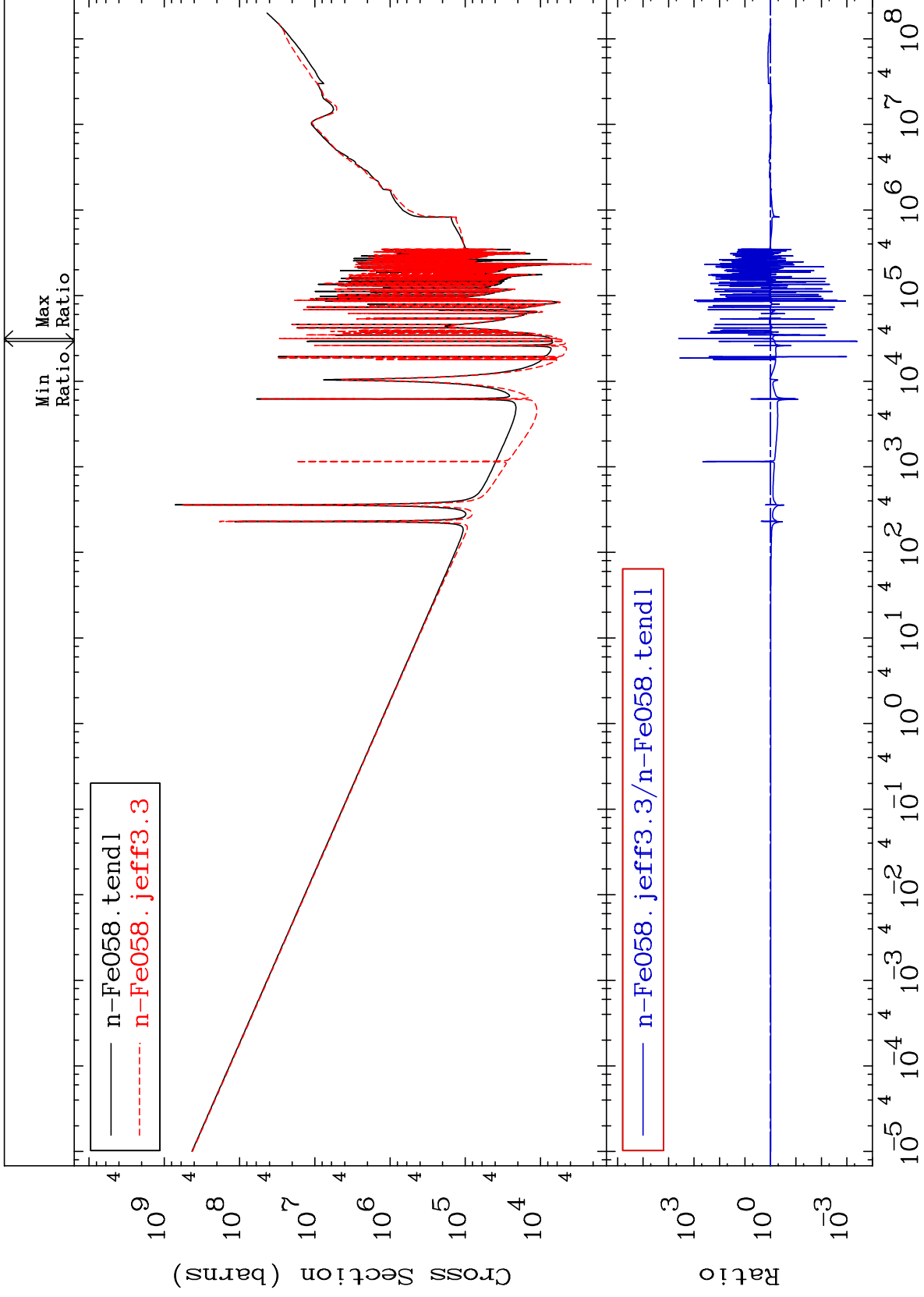


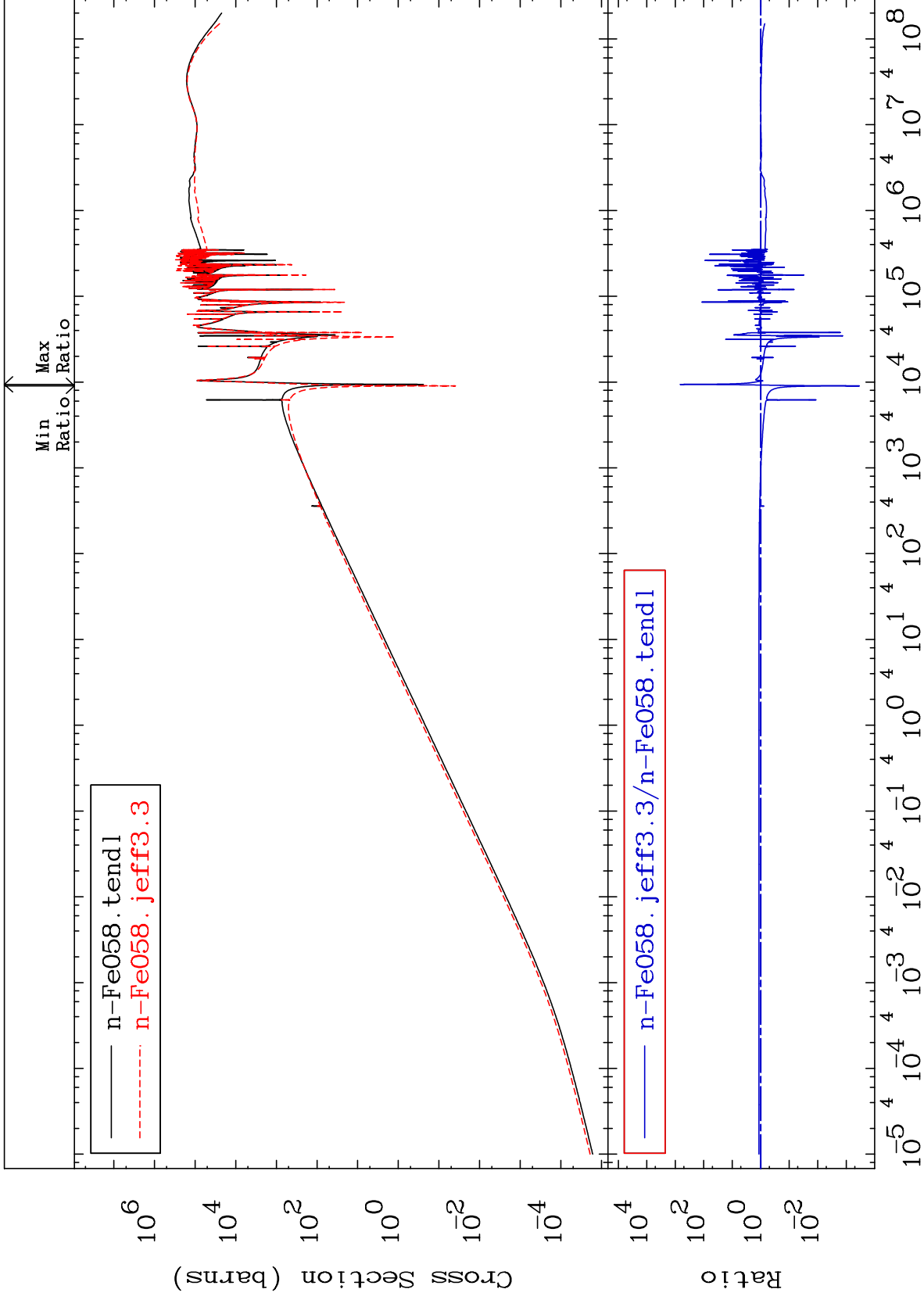
45

Incident Energy (eV)

²⁶Fe-58



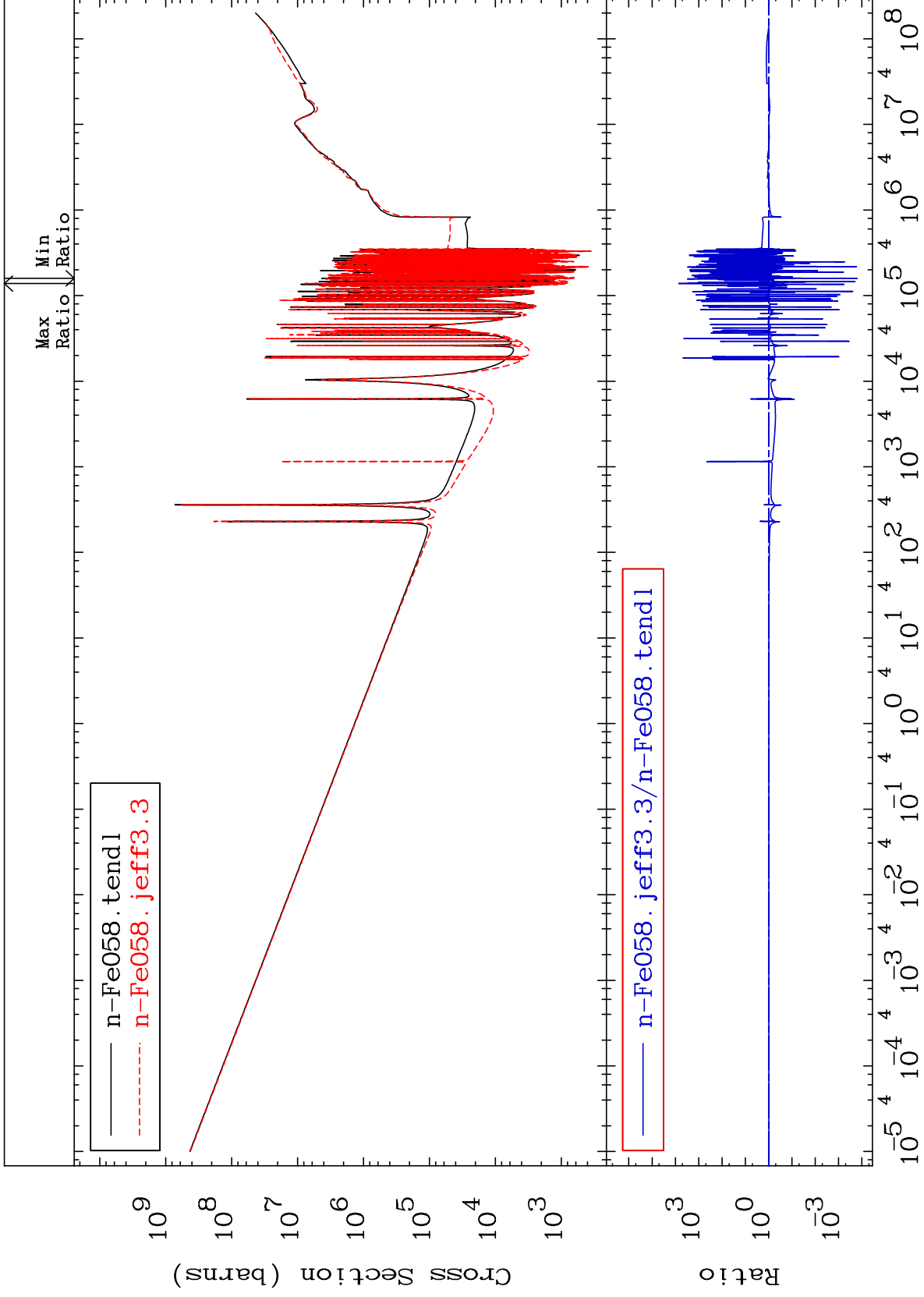




MAT 2637

Kerma non-elastic (all but mt2)
Cross Section

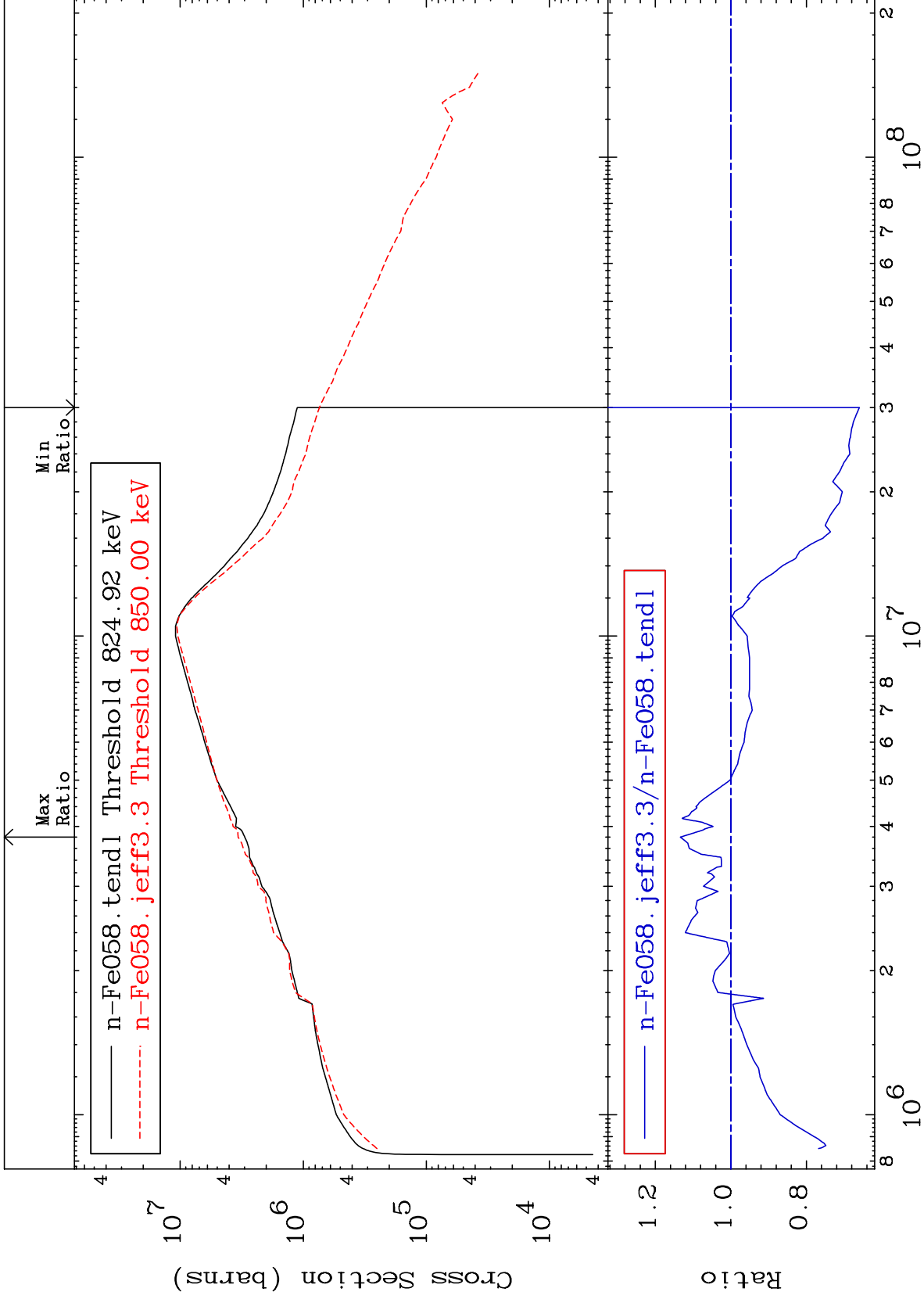
26-Fe-58
-99.98 To 9999. %



MAT 2637

Kerma inelastic (mt51-91)
Cross Section

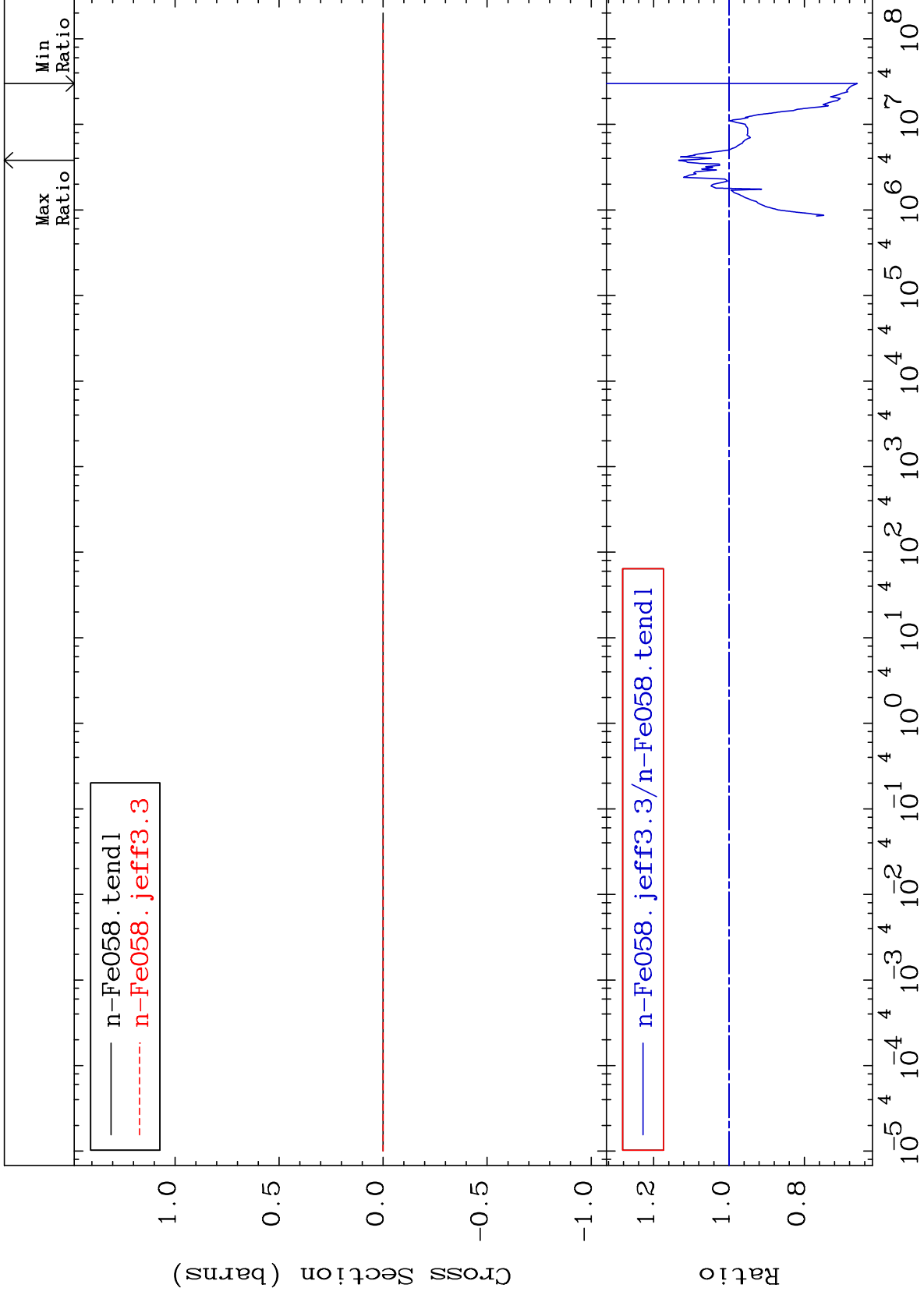
²⁶Fe-58
-34.03 To 13.37 %



50

Incident Energy (eV)

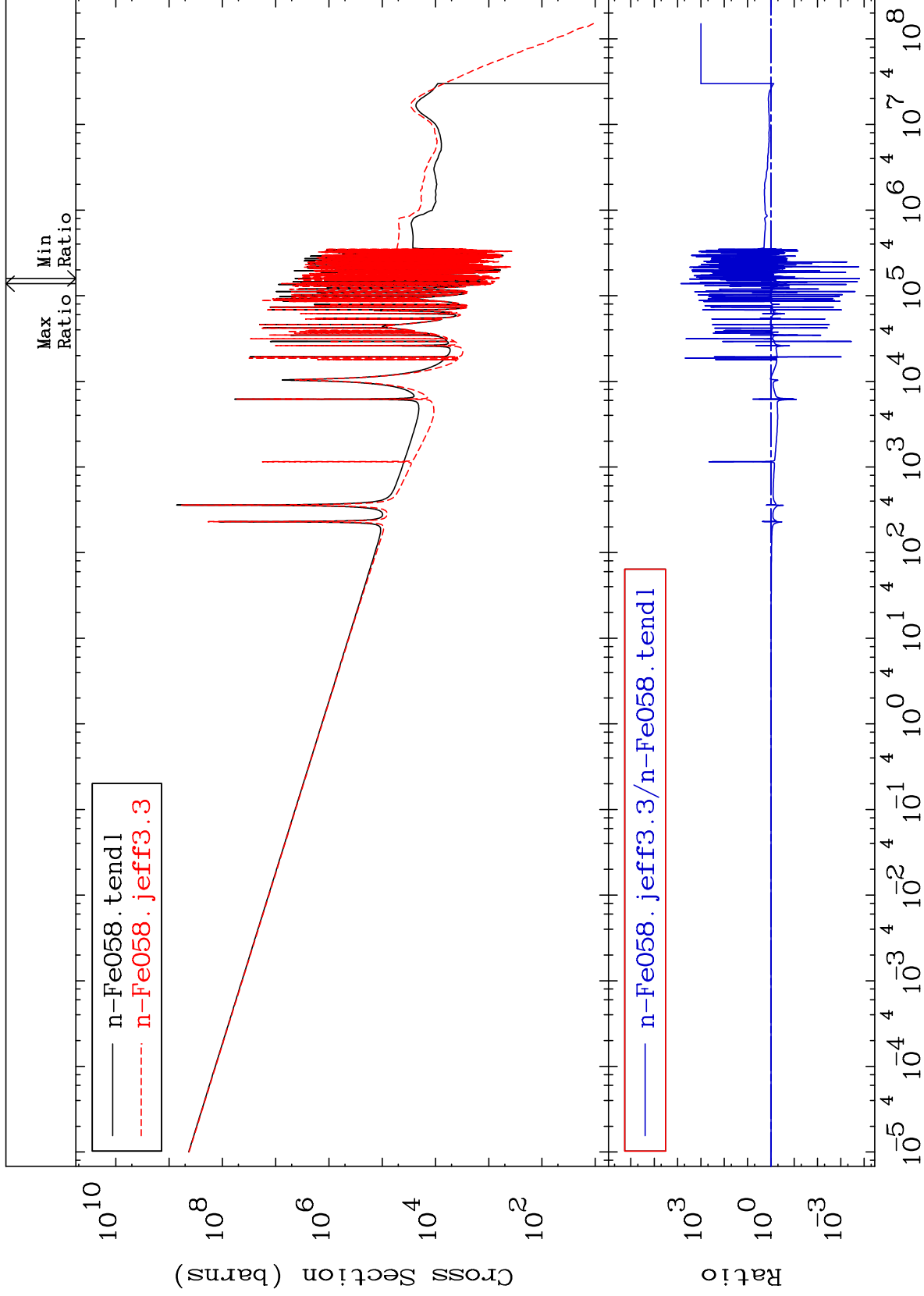
²⁶Fe-58



MAT 2637

Kerma capture (mt102)
Cross Section

26-Fe-58
-99.98 To 9999. %



52

Incident Energy (eV)

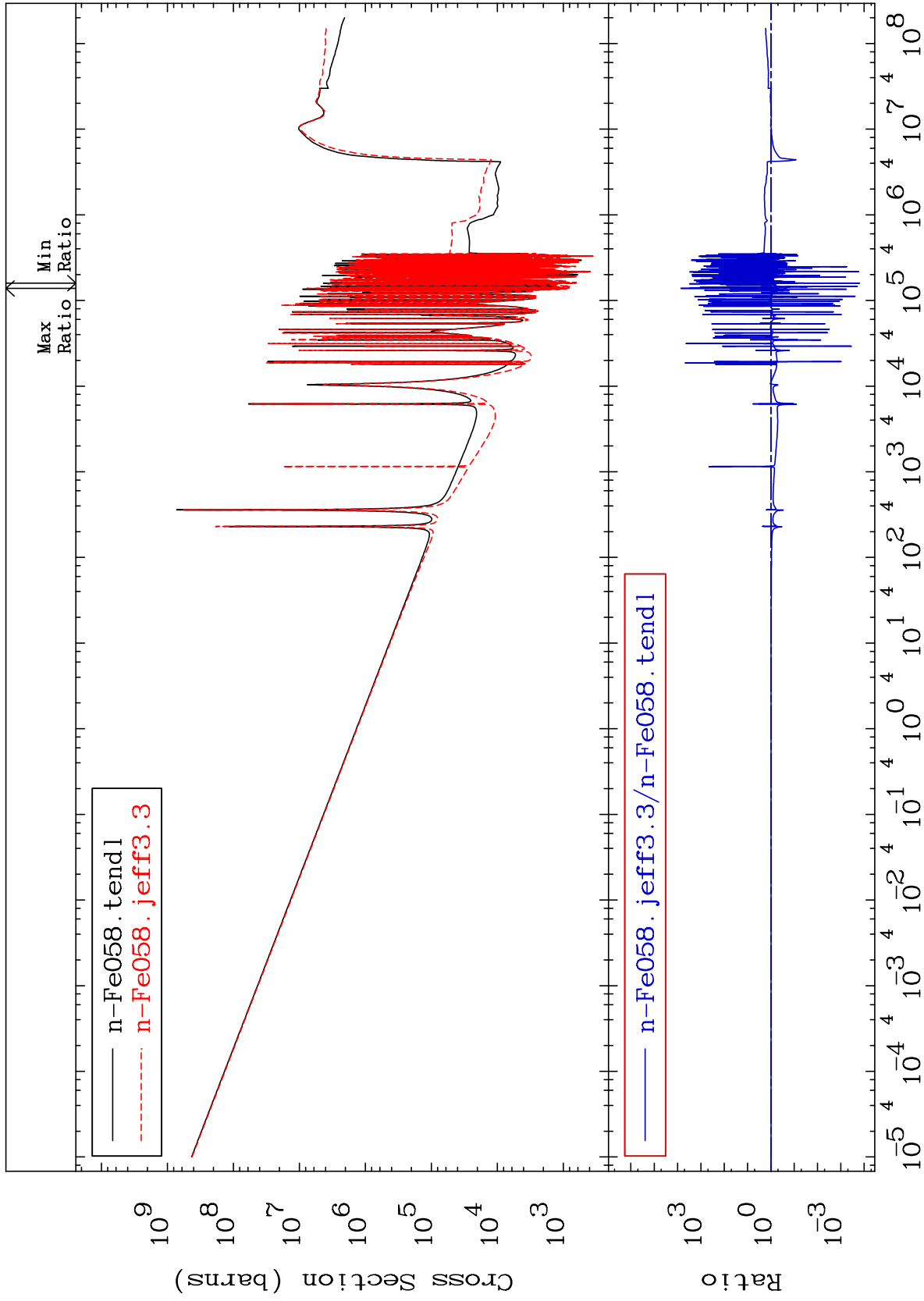
26-Fe-58

MAT 2637

Total photon (eV-barns)
Cross Section

26-Fe-58

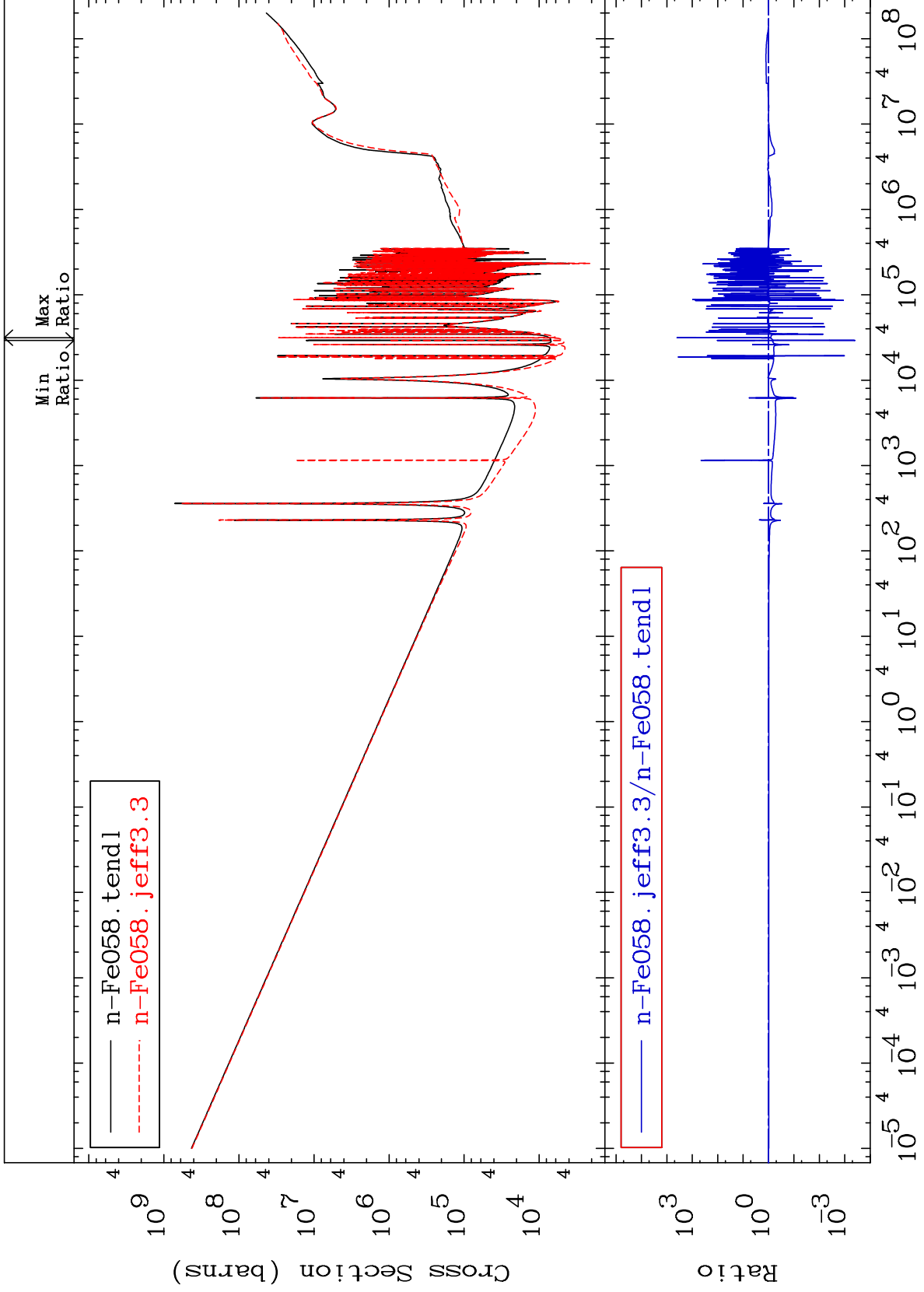
-99.98 To 9999. %



53

Incident Energy (eV)

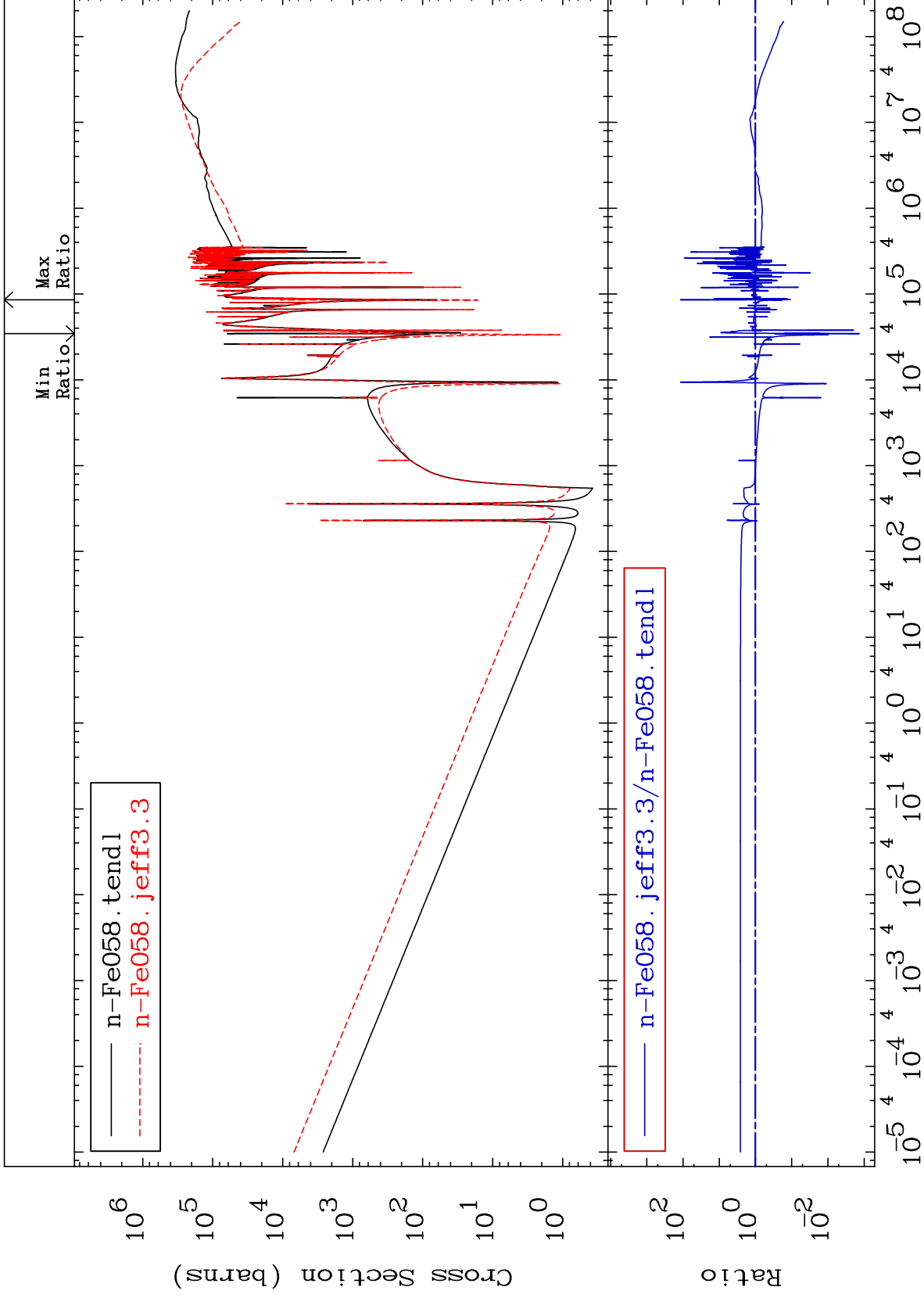
26-Fe-58

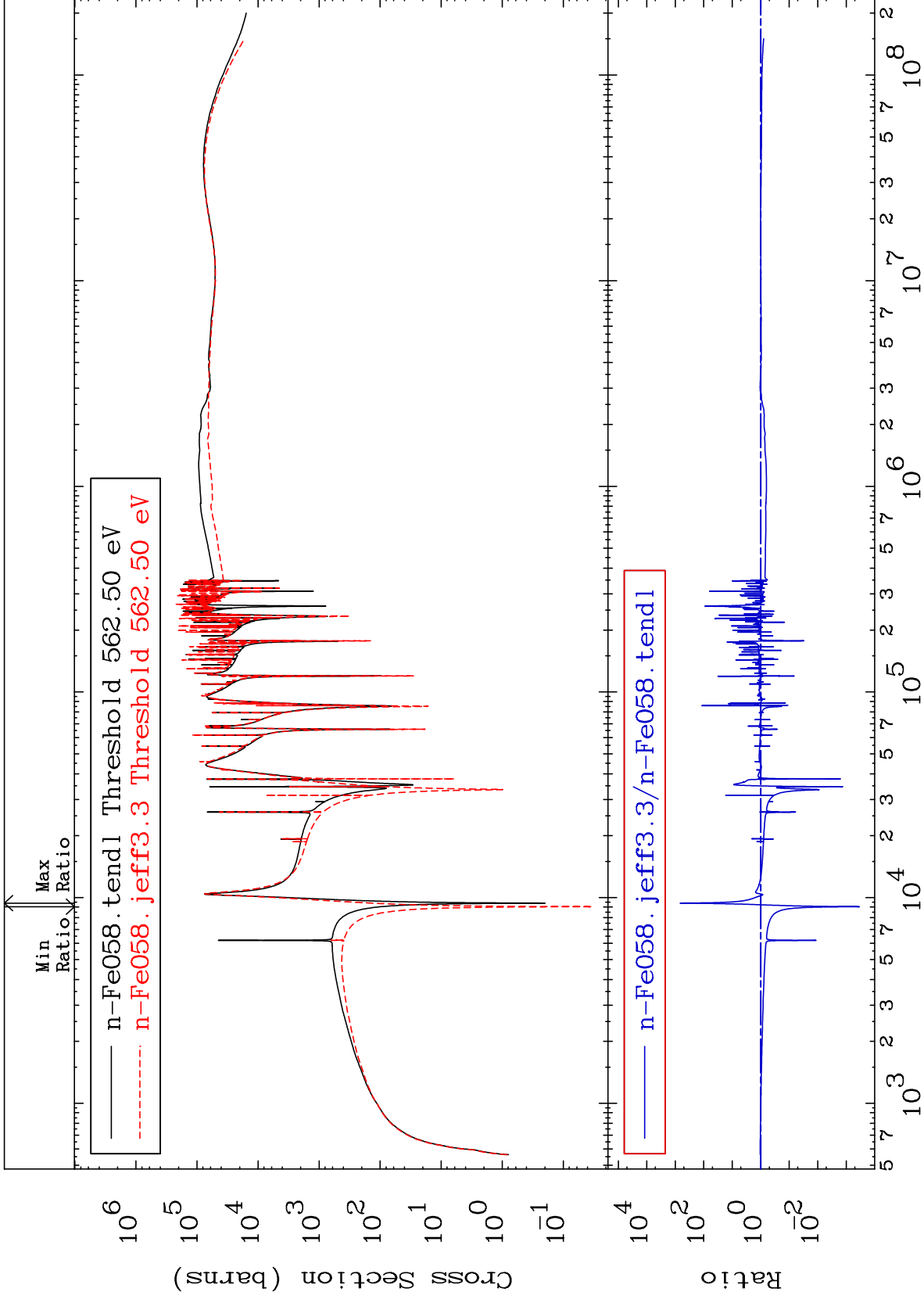


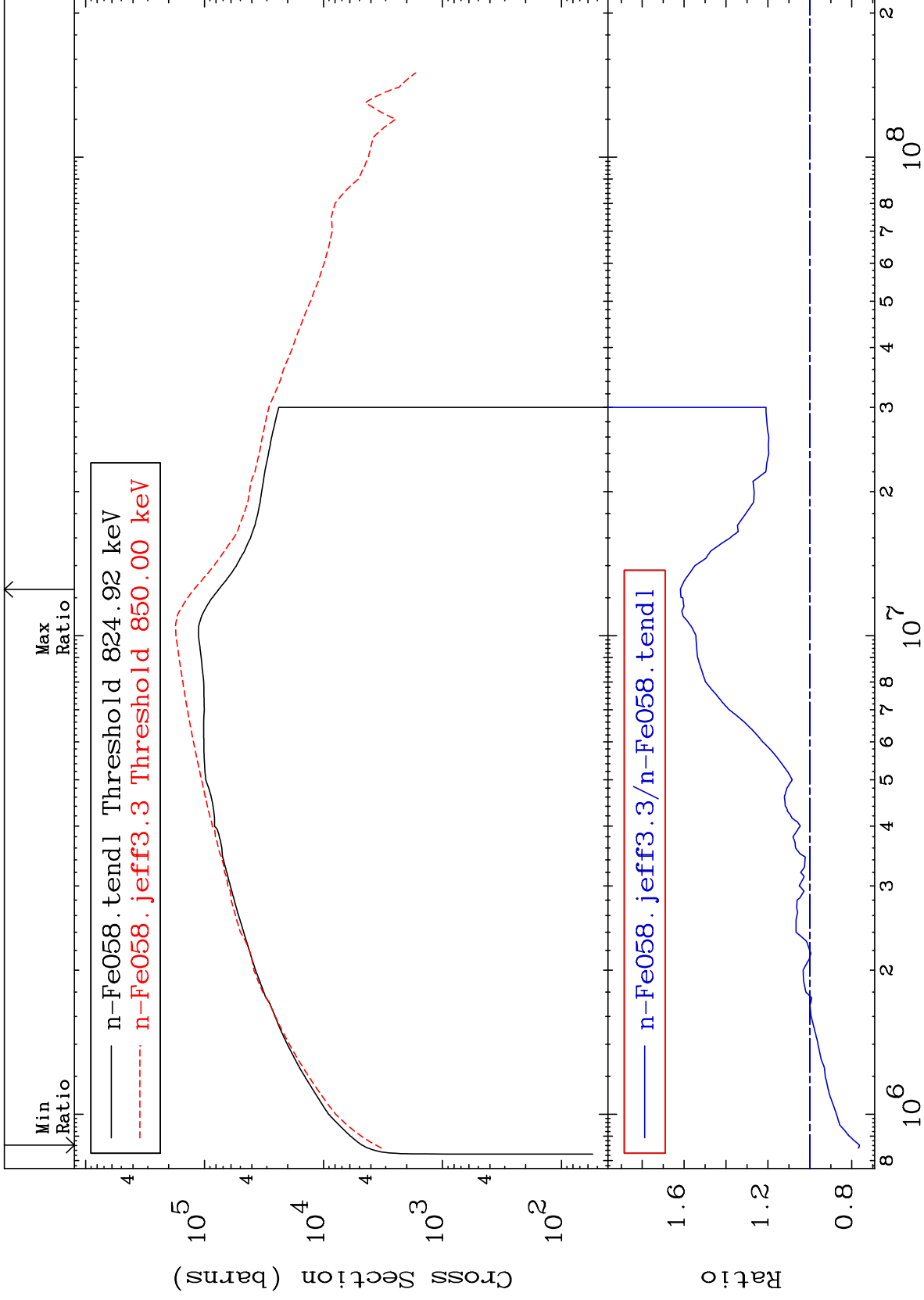
MAT 2637

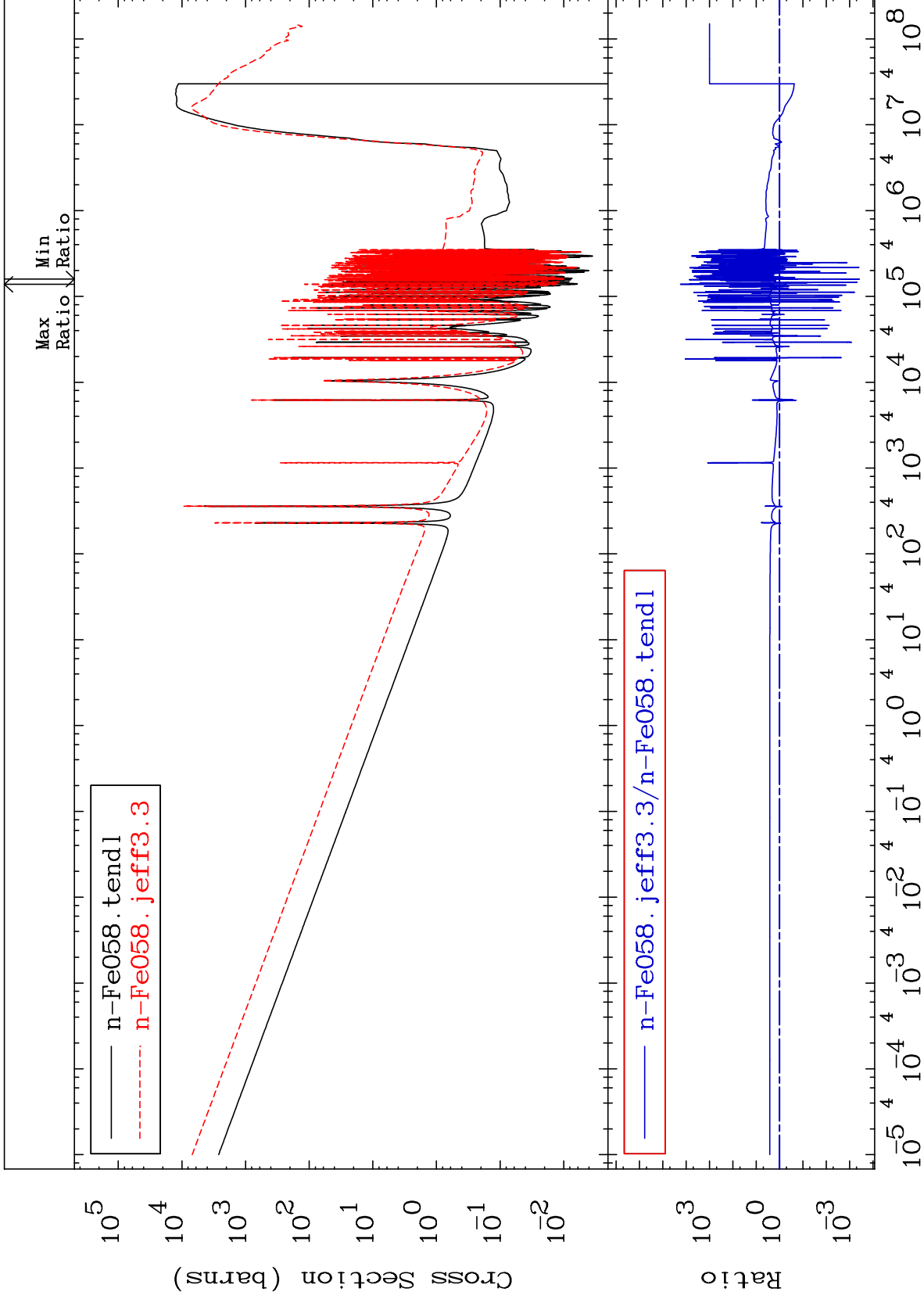
Dpa total (eV-barns)
Cross Section

26-Fe-58
-99.87 To 9999. %







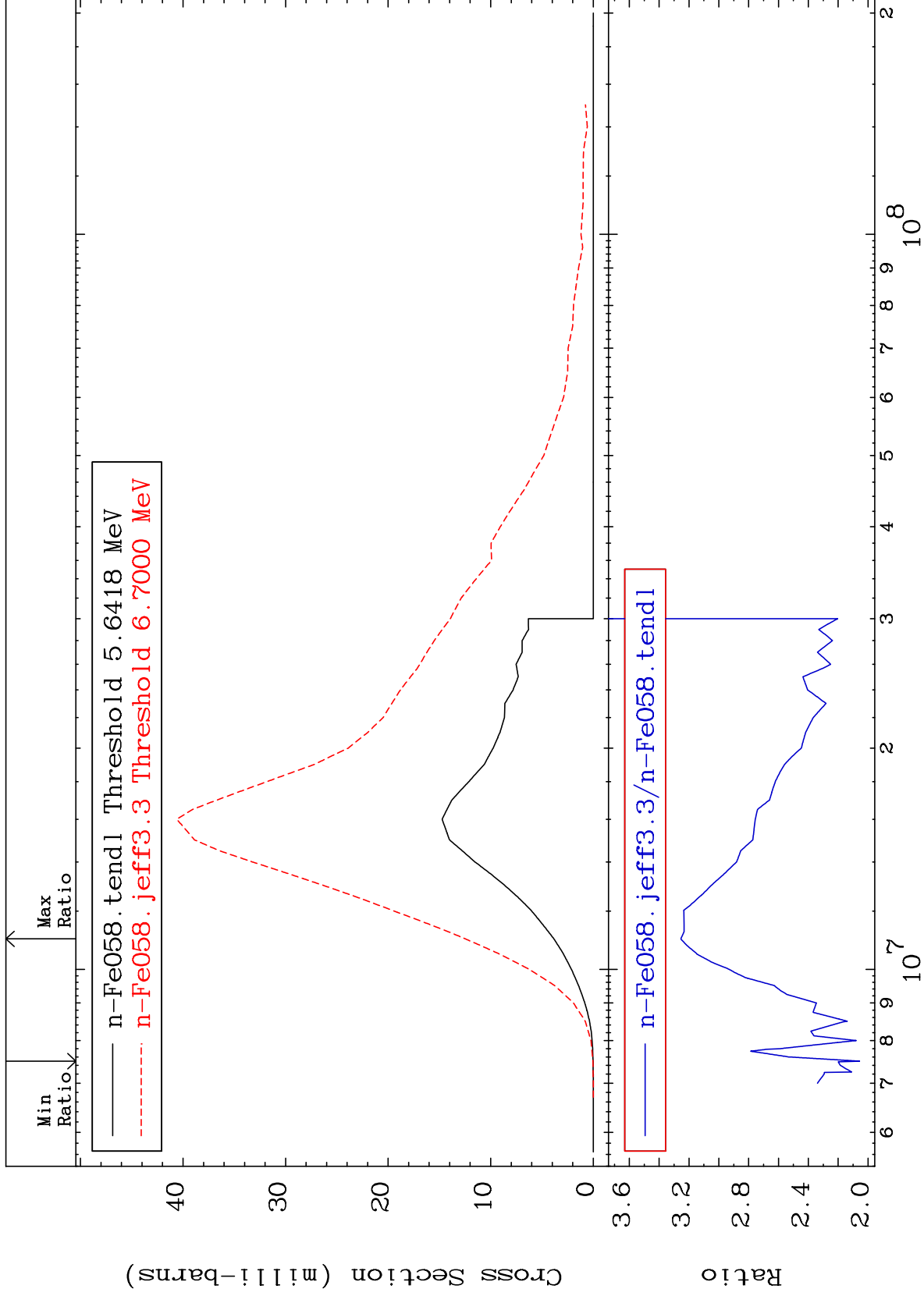


MAT 2637

(n, p):25-Mn-58g

26-Fe-58

Radionuclide Production Cross Section 105.7 To 225.5 %

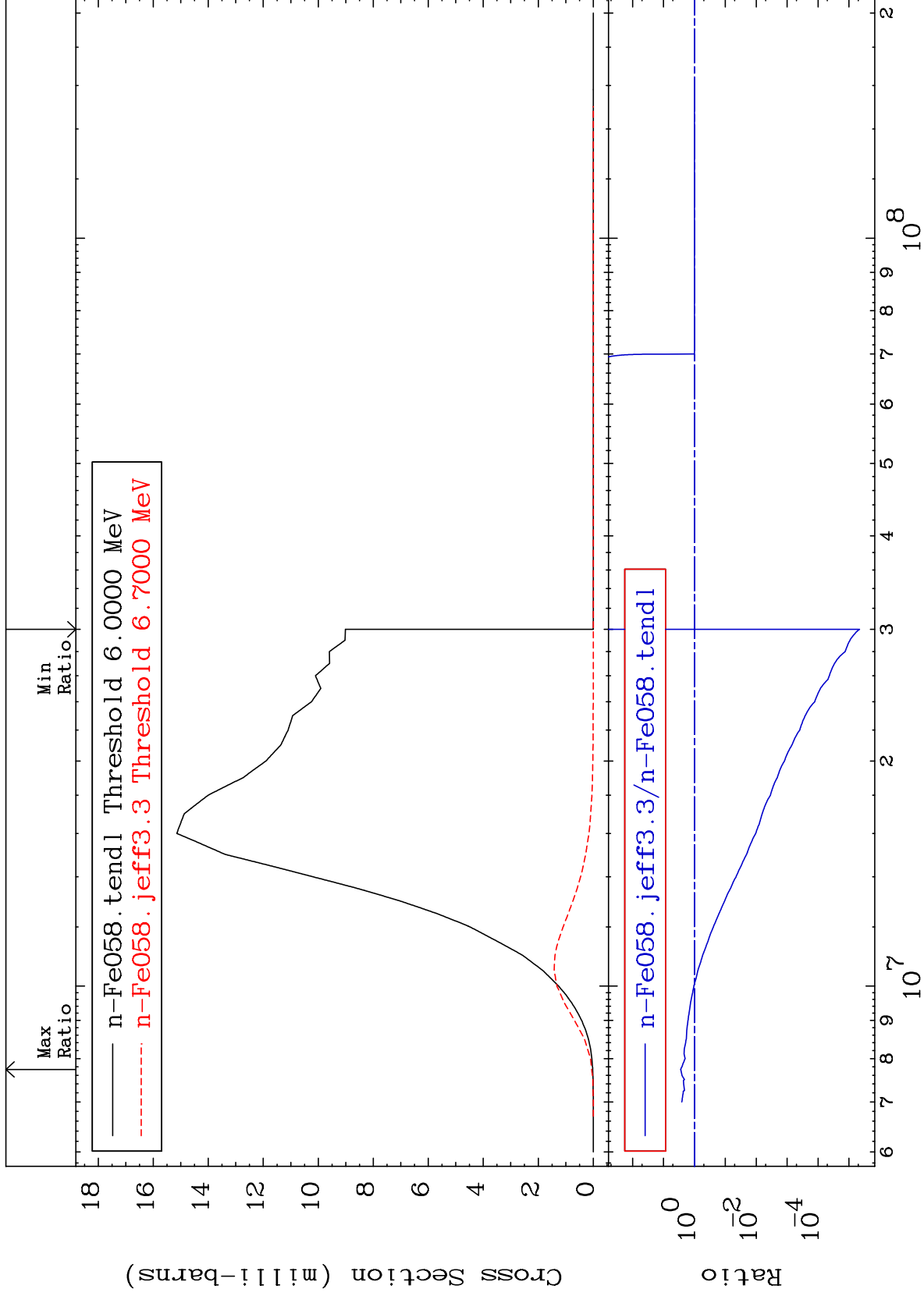


MAT 2637

(n, p) : 25-Mn-58m1

26-Fe-58

Radionuclide Production Cross Section -100.0 To 177.2 %



60

Incident Energy (eV)

26-Fe-58