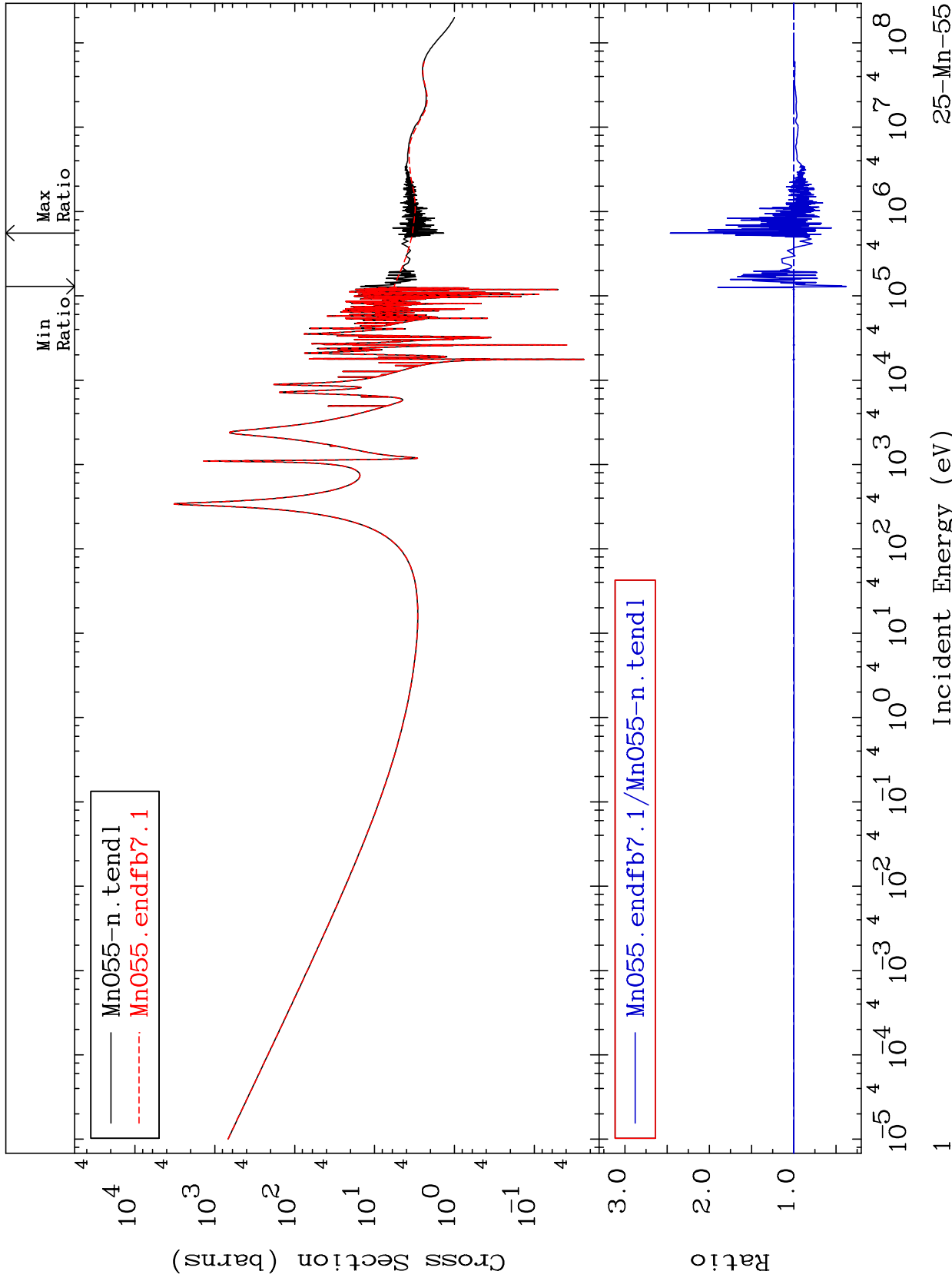


MAT 2525

Total
Cross Section

25-Mn-55
-62.08 To 146.2 %



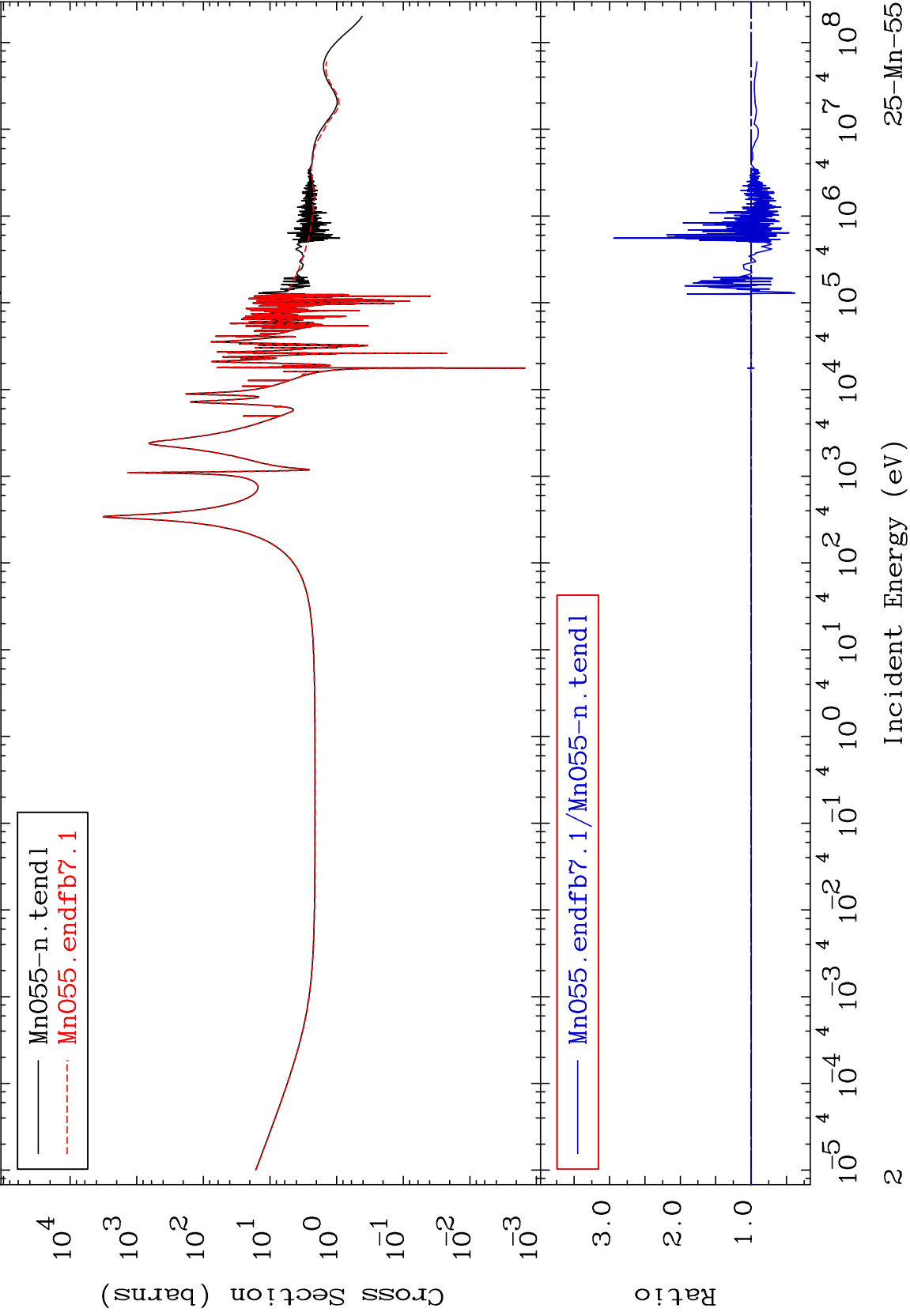
Incident Energy (eV)

25-Mn-55

MAT 2525

Elastic
Cross Section

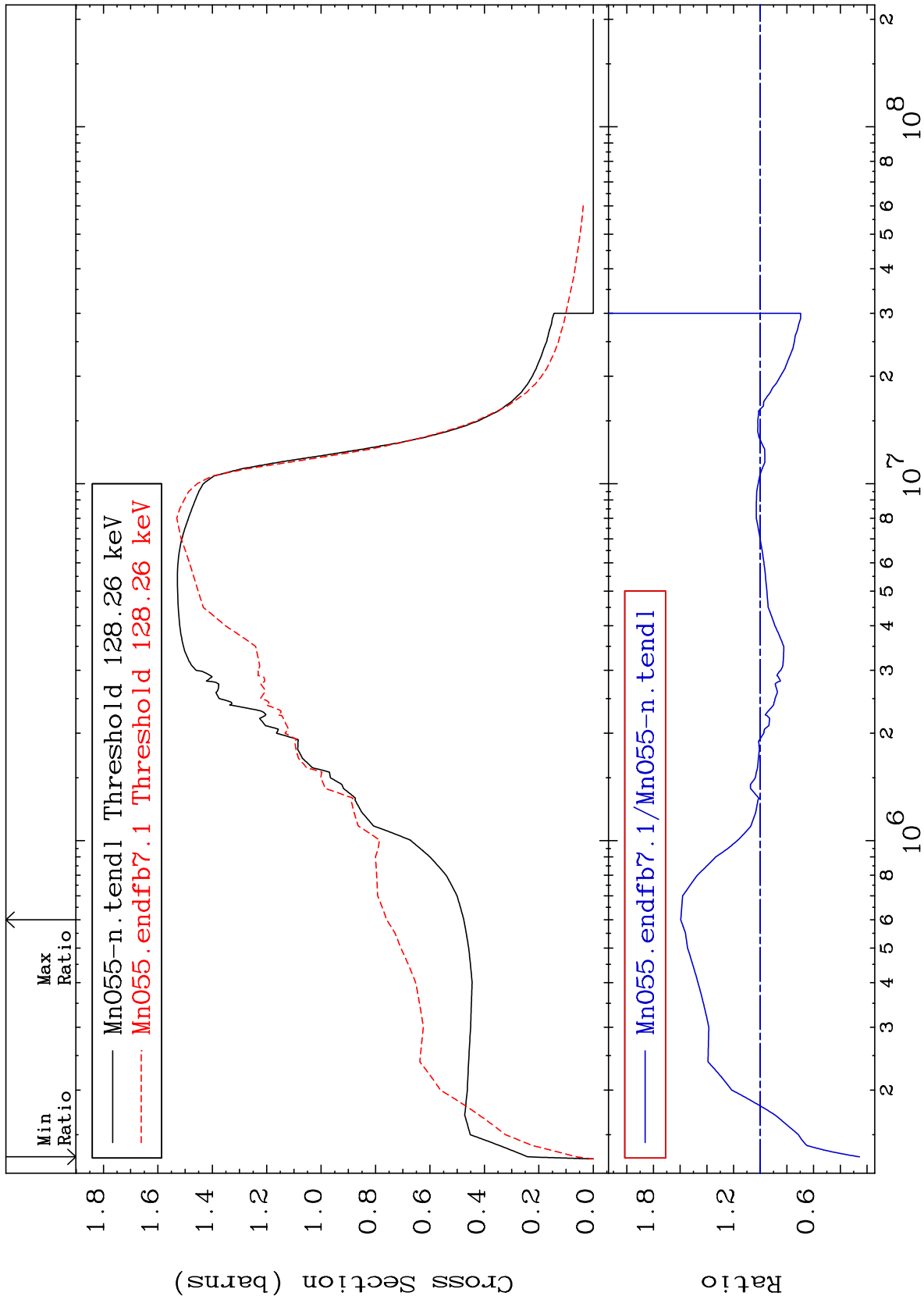
25-Mn-55
-61.98 To 194.0 %



25-Mn-55

Incident Energy (eV)

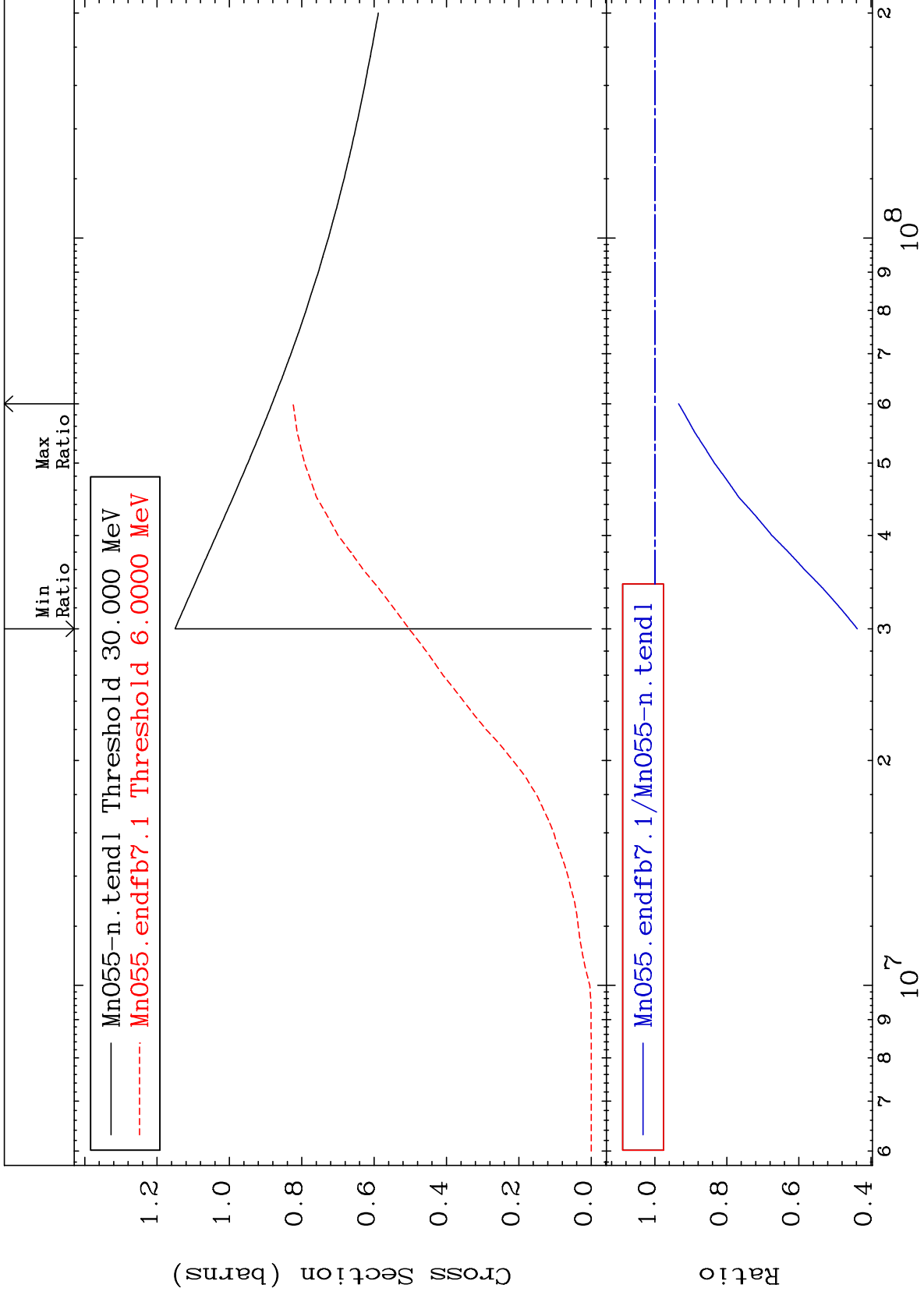
2



MAT 2525

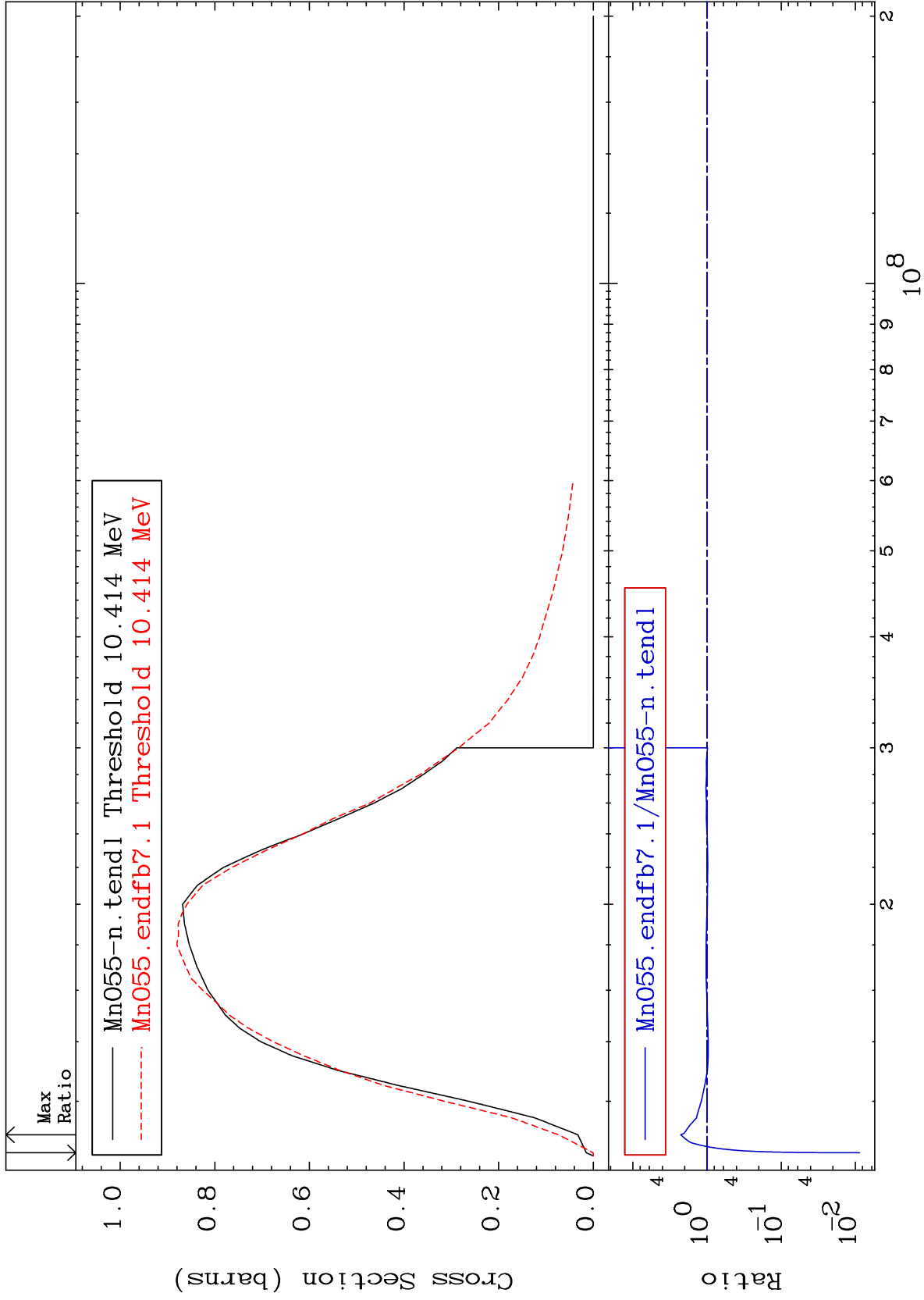
(n, remainder)
Cross Section

25-Mn-55
-56.21 To -6.600%



25-Mn-55

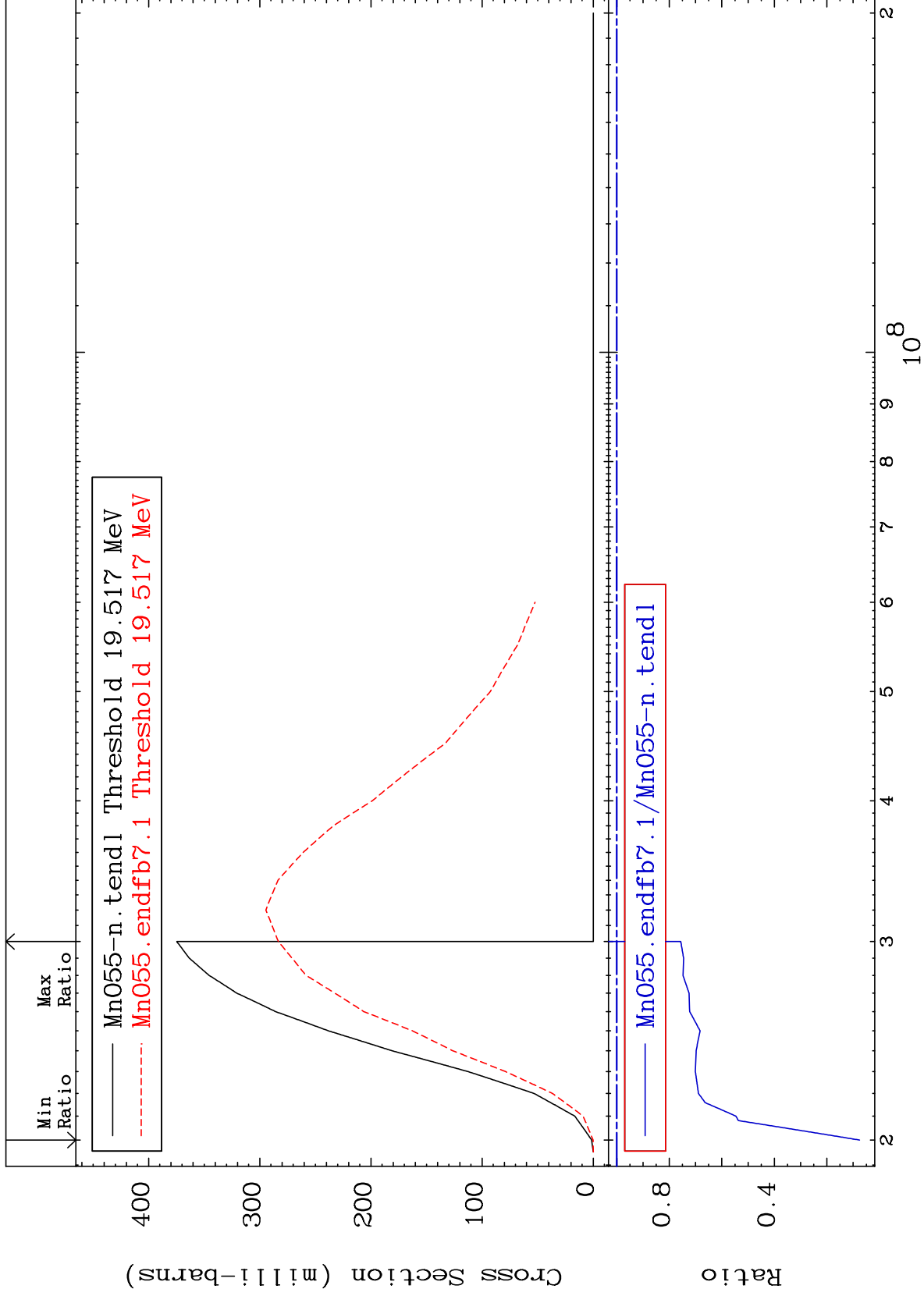
Incident Energy (eV)



MAT 2525

(n,3n)
Cross Section

25-Mn-55
-92.42 To -24.38%

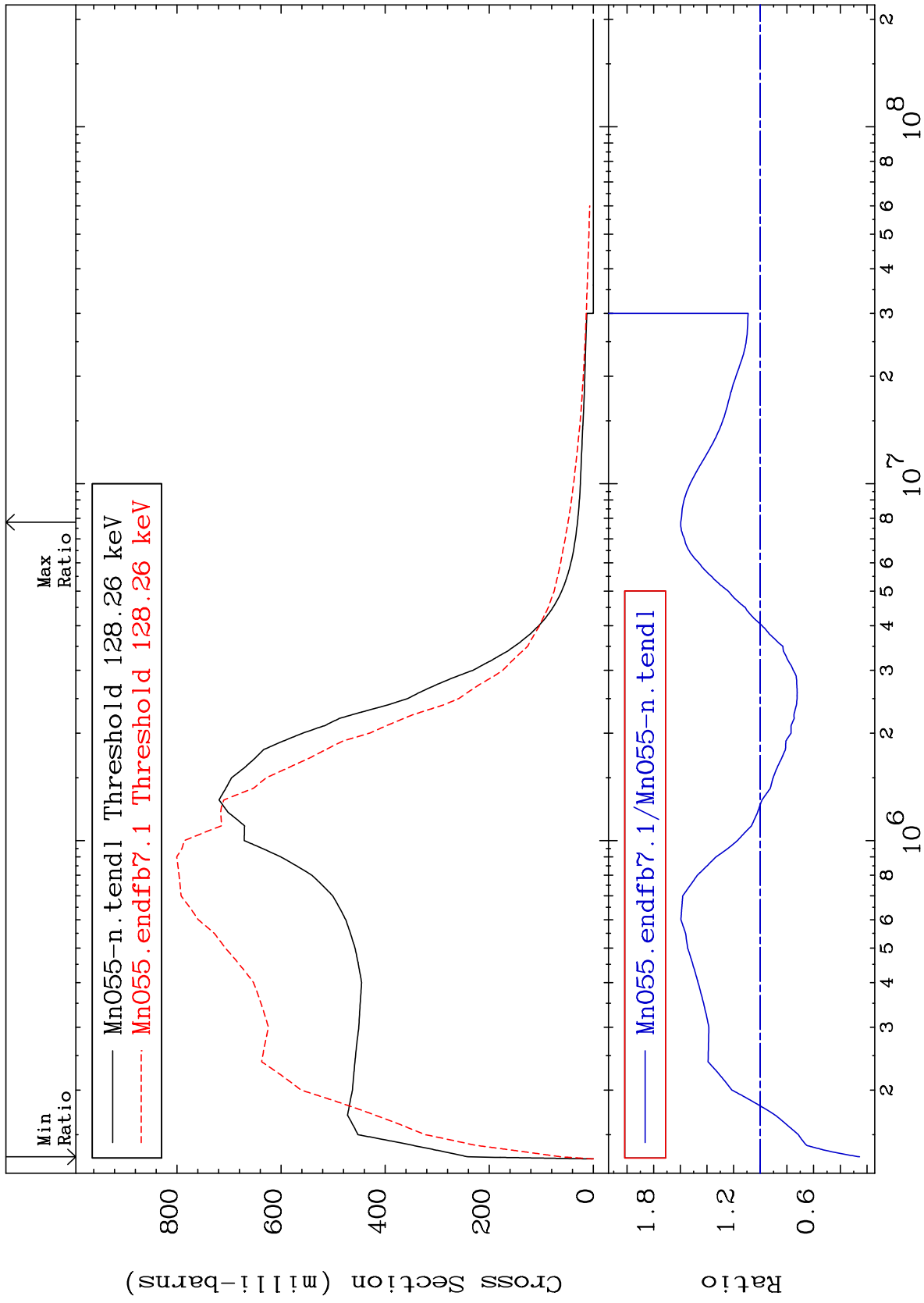


6

25-Mn-55

25-Mn-55

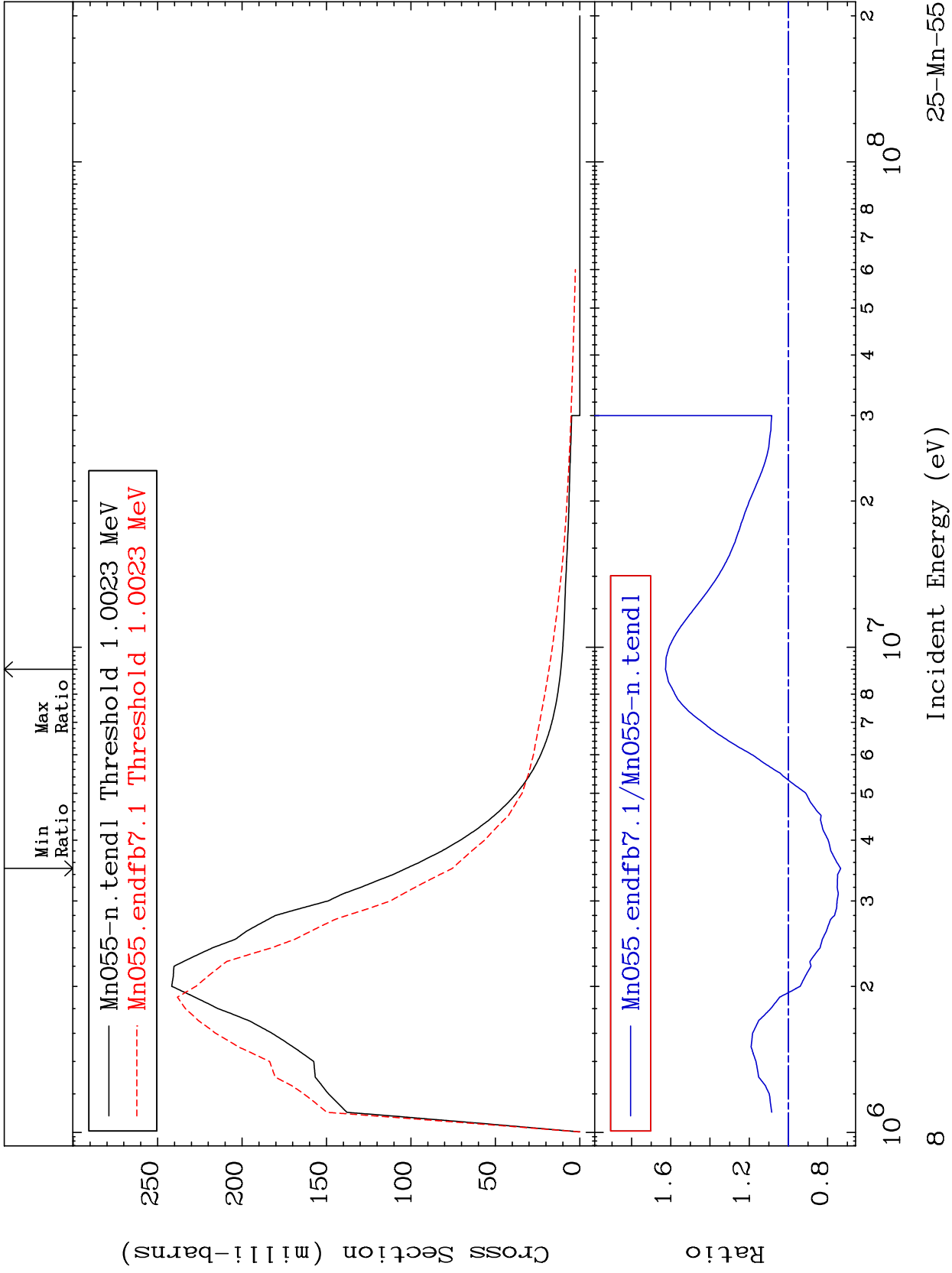
MAT 2525 125.9 keV (n,n') Level 25-Mn-55
 Cross Section -74.43 To 59.65 %



MAT 2525

984.3 keV (n,n') Level
Cross Section

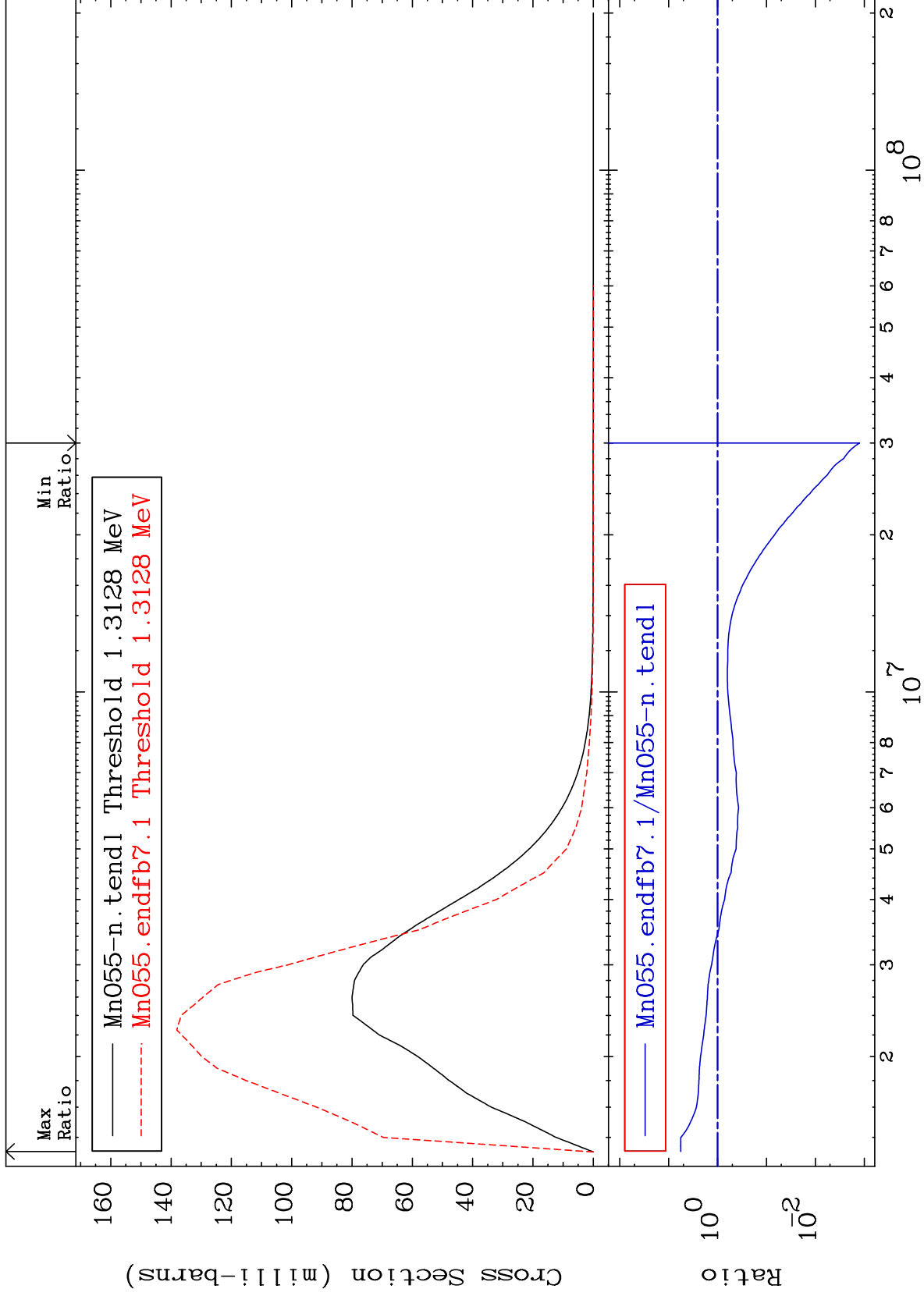
²⁵Mn-55
-26.61 To 62.70 %



MAT 2525

1.289 MeV (n,n') Level
Cross Section

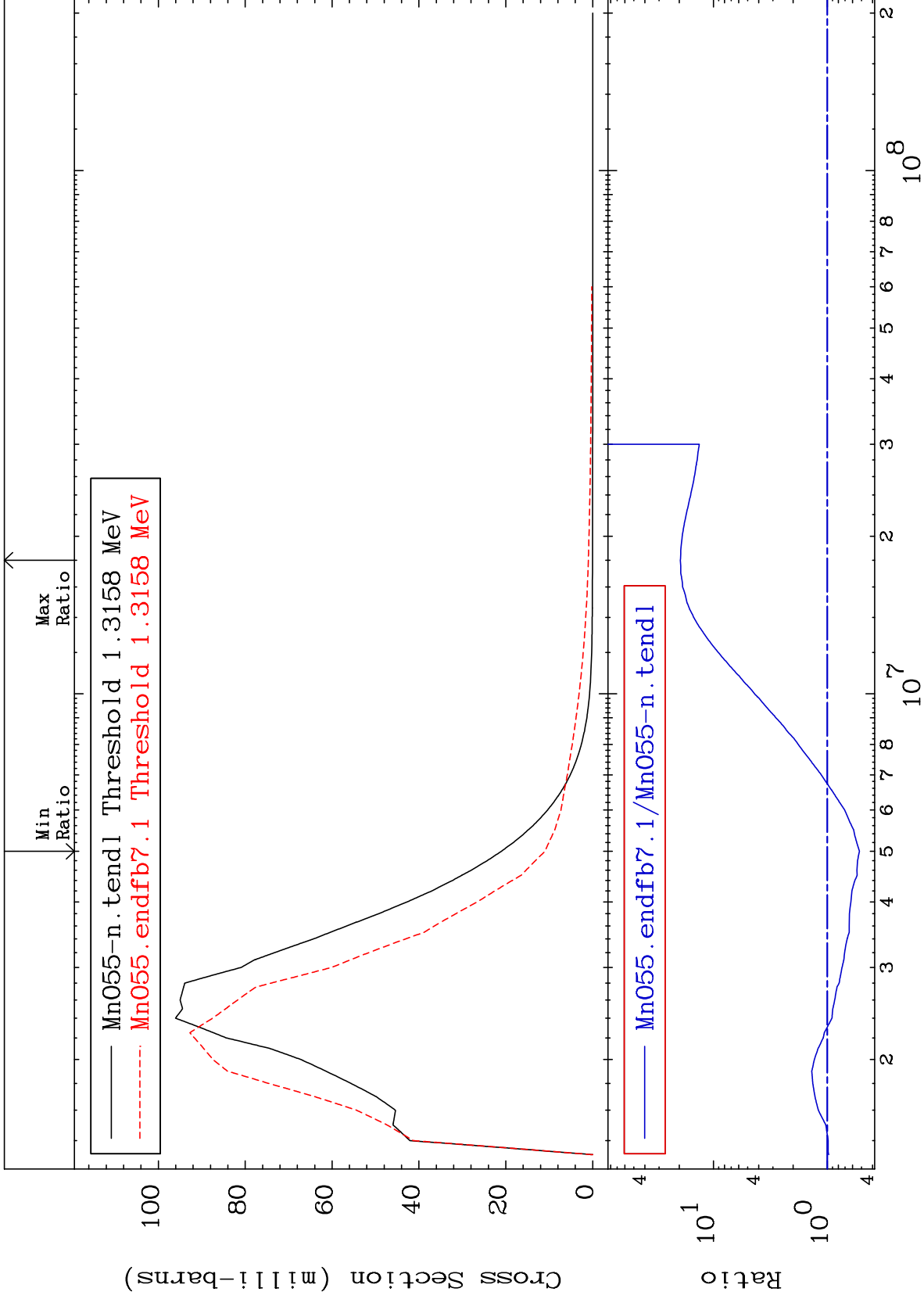
25-Mn-55
-99.88 To 466.3 %



MAT 2525

1.292 MeV (n,n') Level
Cross Section

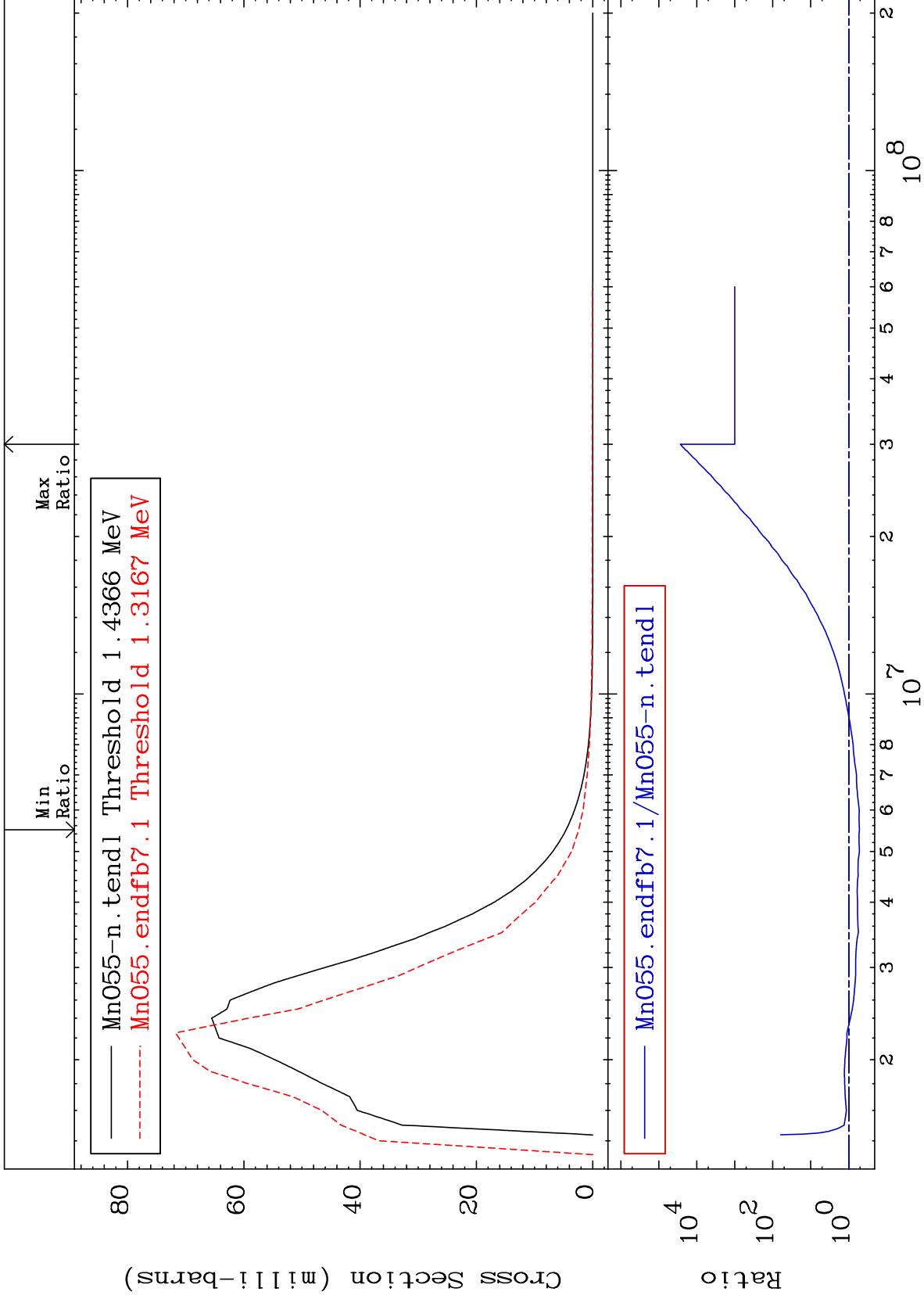
²⁵Mn-55
-47.76 To 1853. %



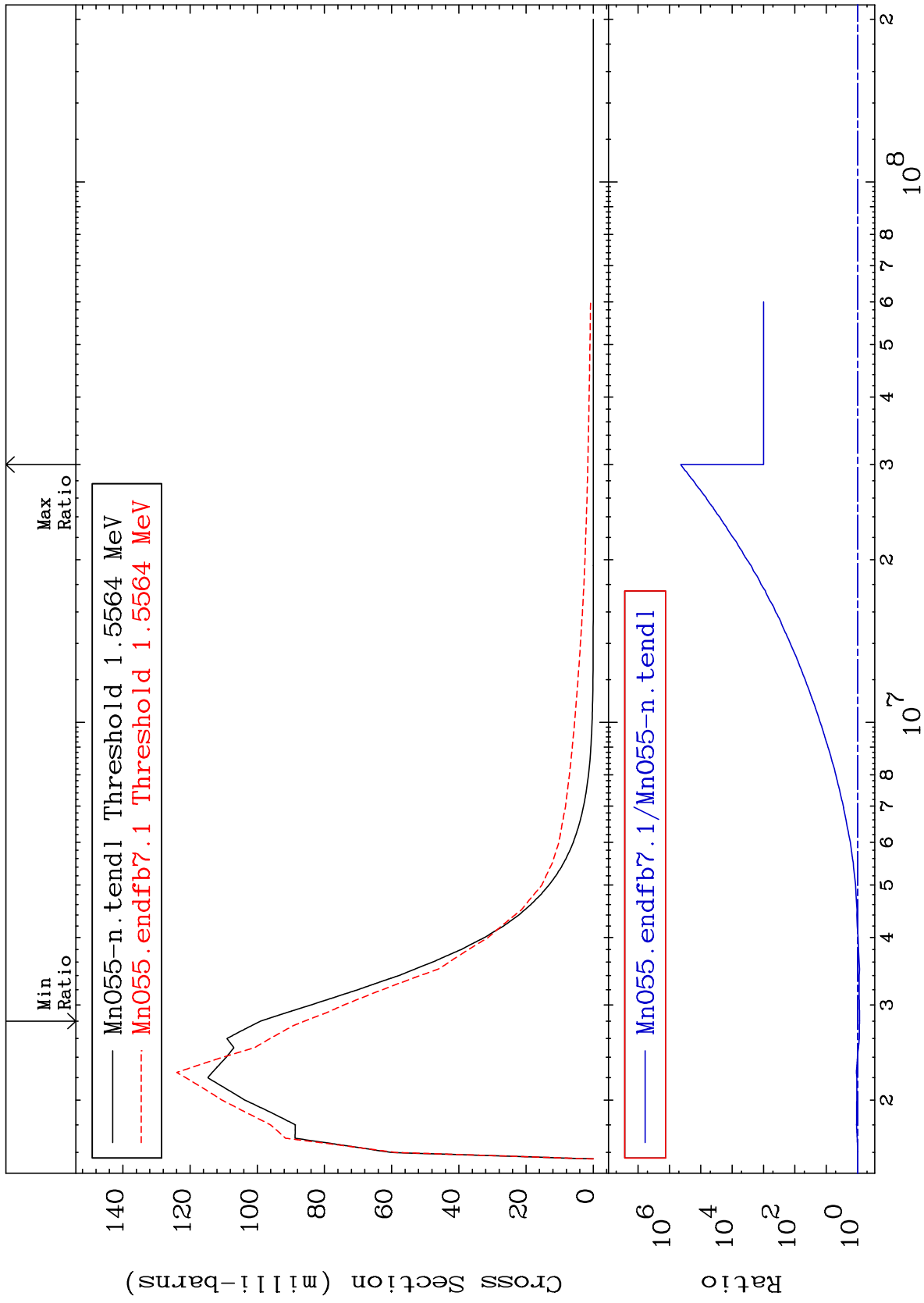
10

Incident Energy (eV)

²⁵Mn-55



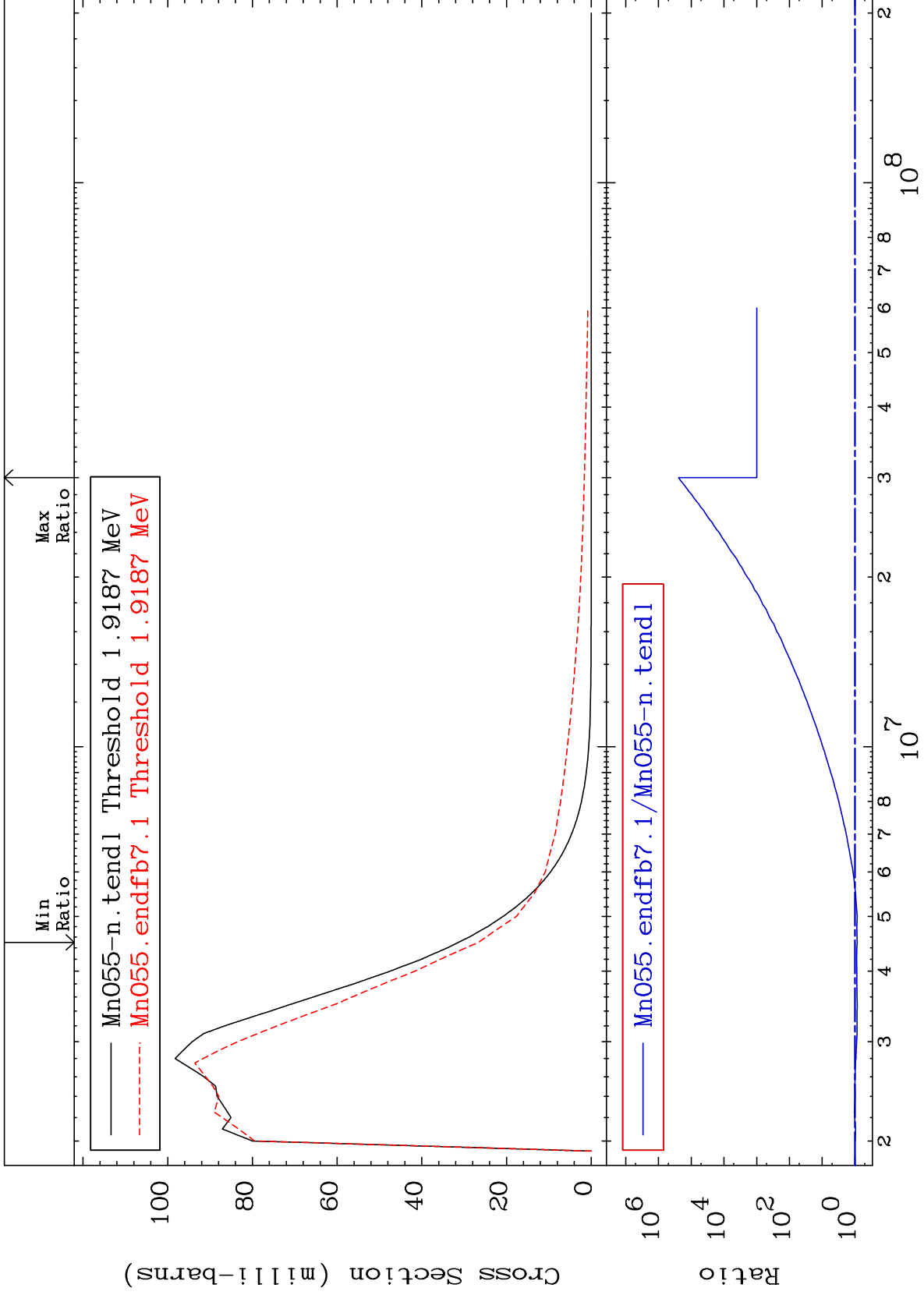
MAT 2525 1.528 MeV (n,n') Level 25-Mn-55
 Cross Section -13.25 To 9999. %



MAT 2525

1.884 MeV (n,n') Level
Cross Section

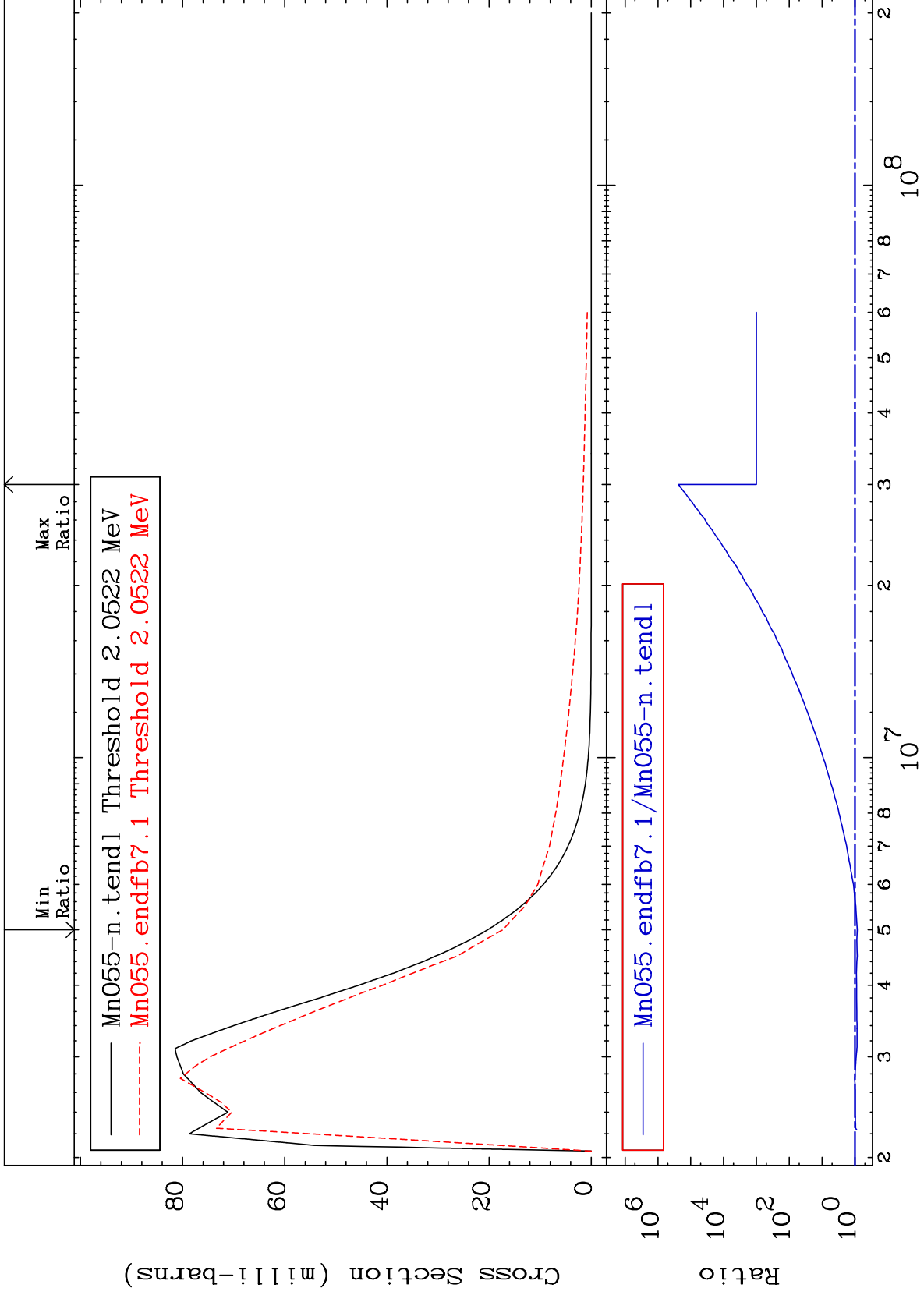
25-Mn-55
-15.13 To 9999. %



MAT 2525

2.015 MeV (n,n') Level
Cross Section

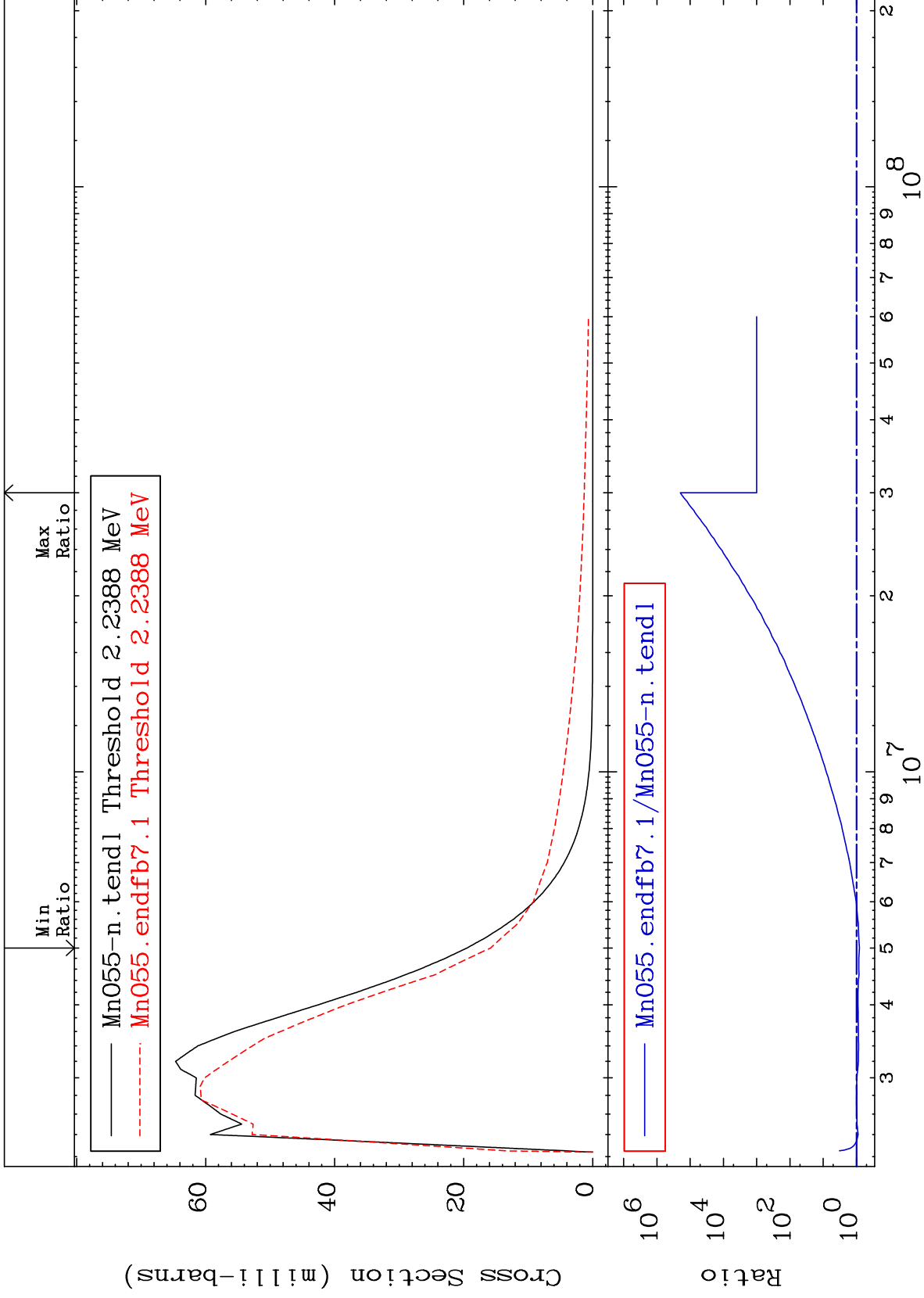
25-Mn-55
-14.65 To 9999. %



MAT 2525

2.198 MeV (n, n') Level
Cross Section

25-Mn-55
-18.80 To 9999. %



15

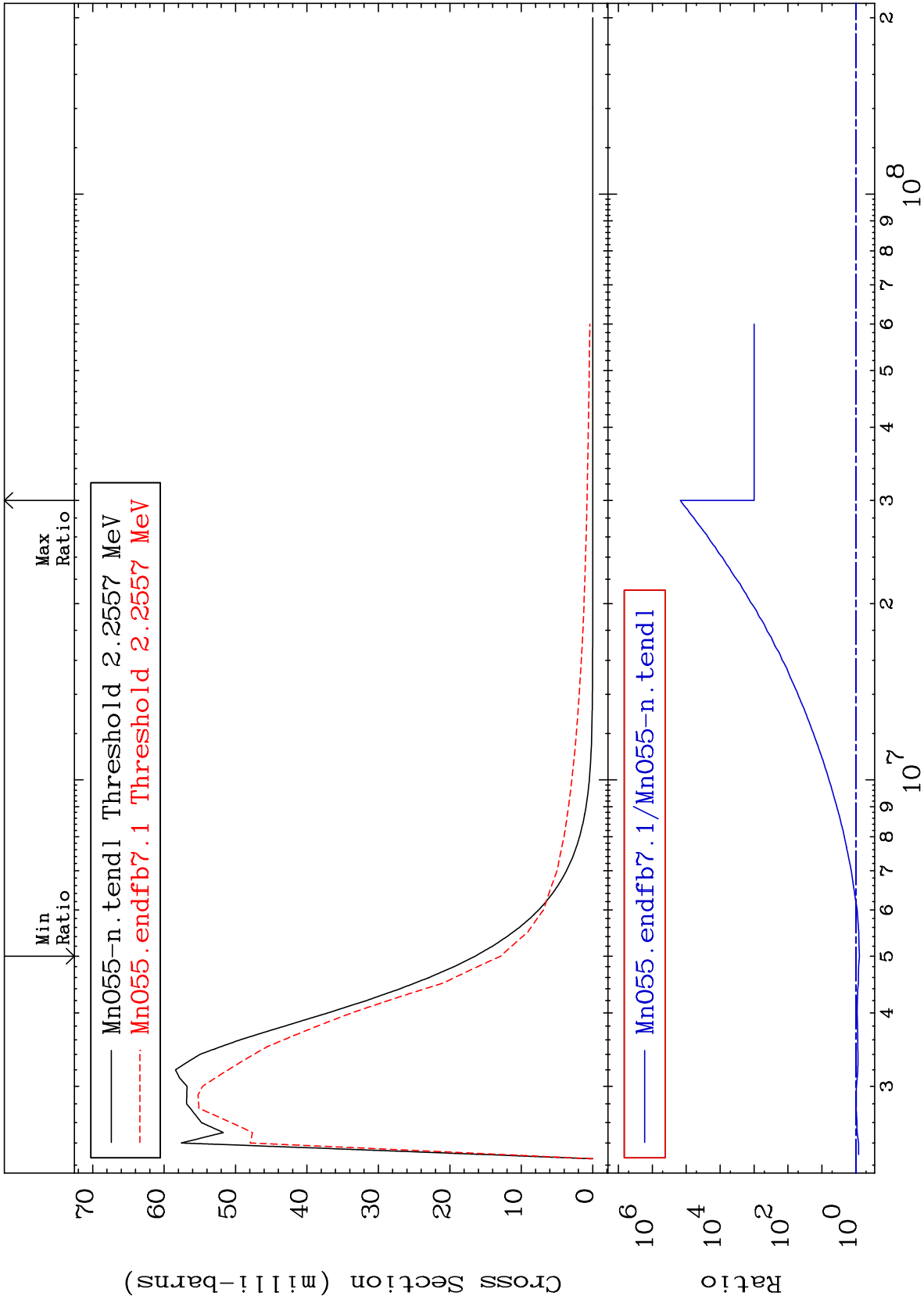
25-Mn-55

25-Mn-55

MAT 2525

2.215 MeV (n,n') Level
Cross Section

25-Mn-55
-21.68 To 9999. %



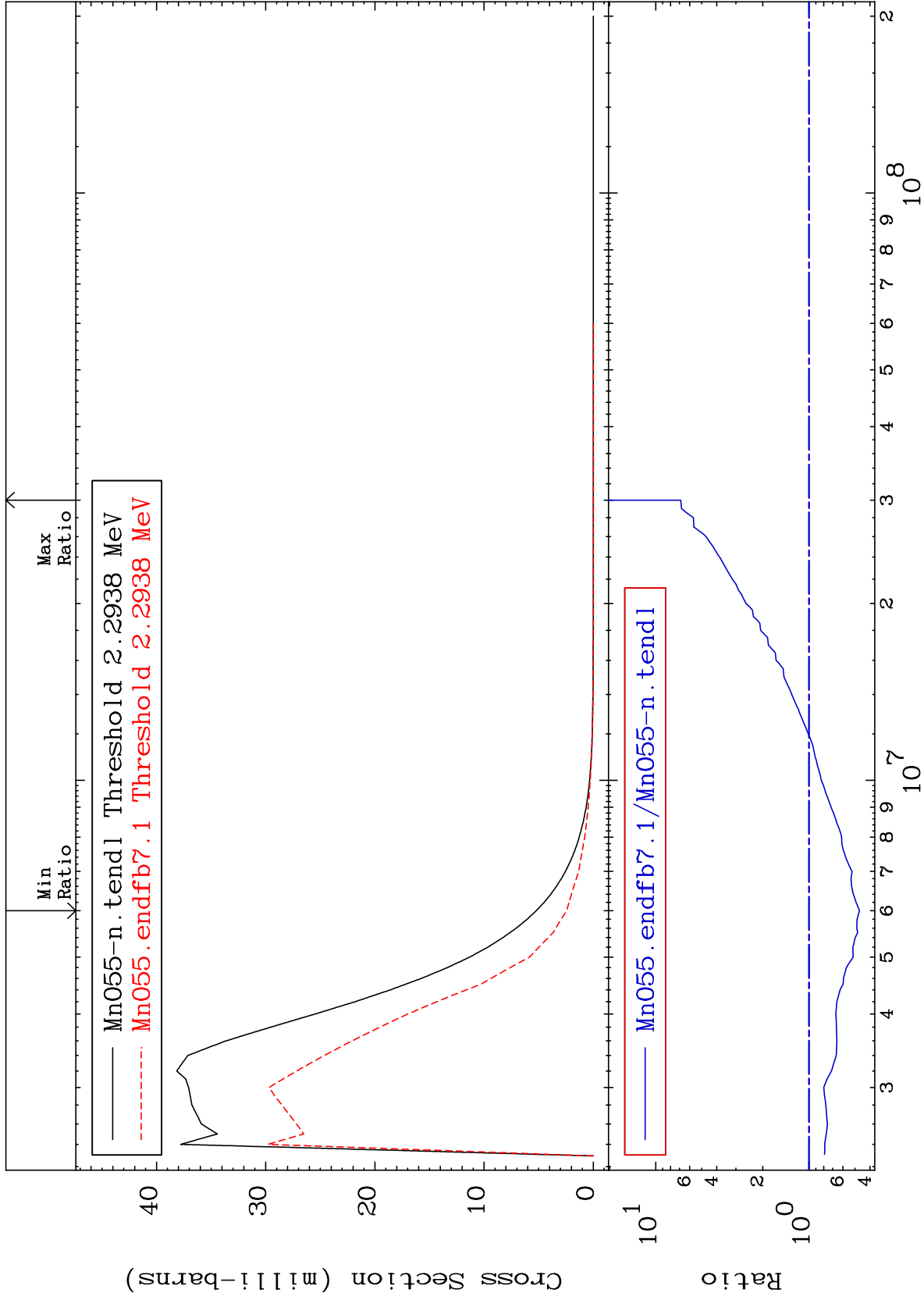
MAT 2525

2.252 MeV (n,n') Level

25-Mn-55

-53.26 To 585.7 %

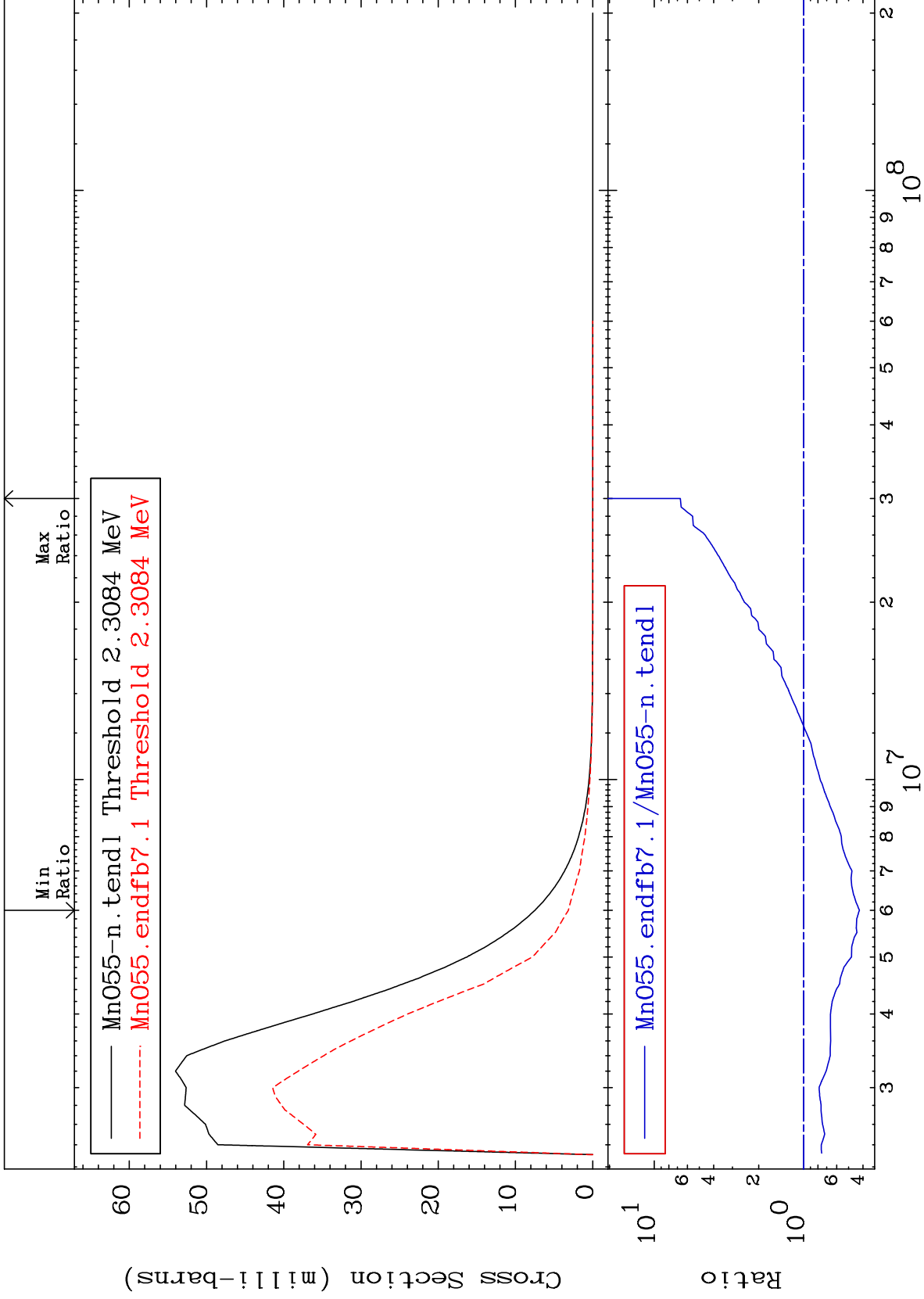
Cross Section



MAT 2525

2.267 MeV (n,n') Level
Cross Section

25-Mn-55
-57.76 To 569.2 %



18

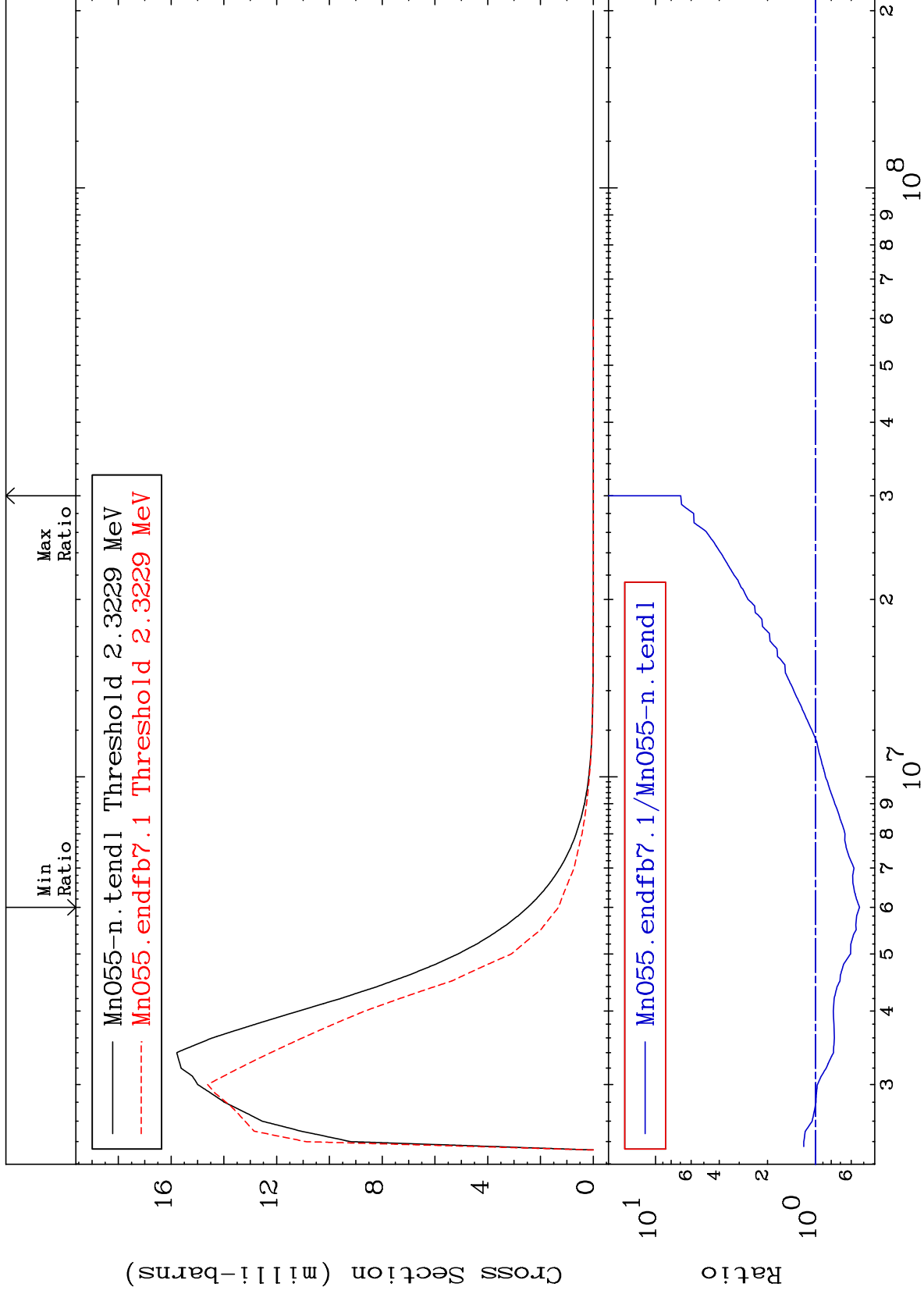
Incident Energy (eV)

25-Mn-55

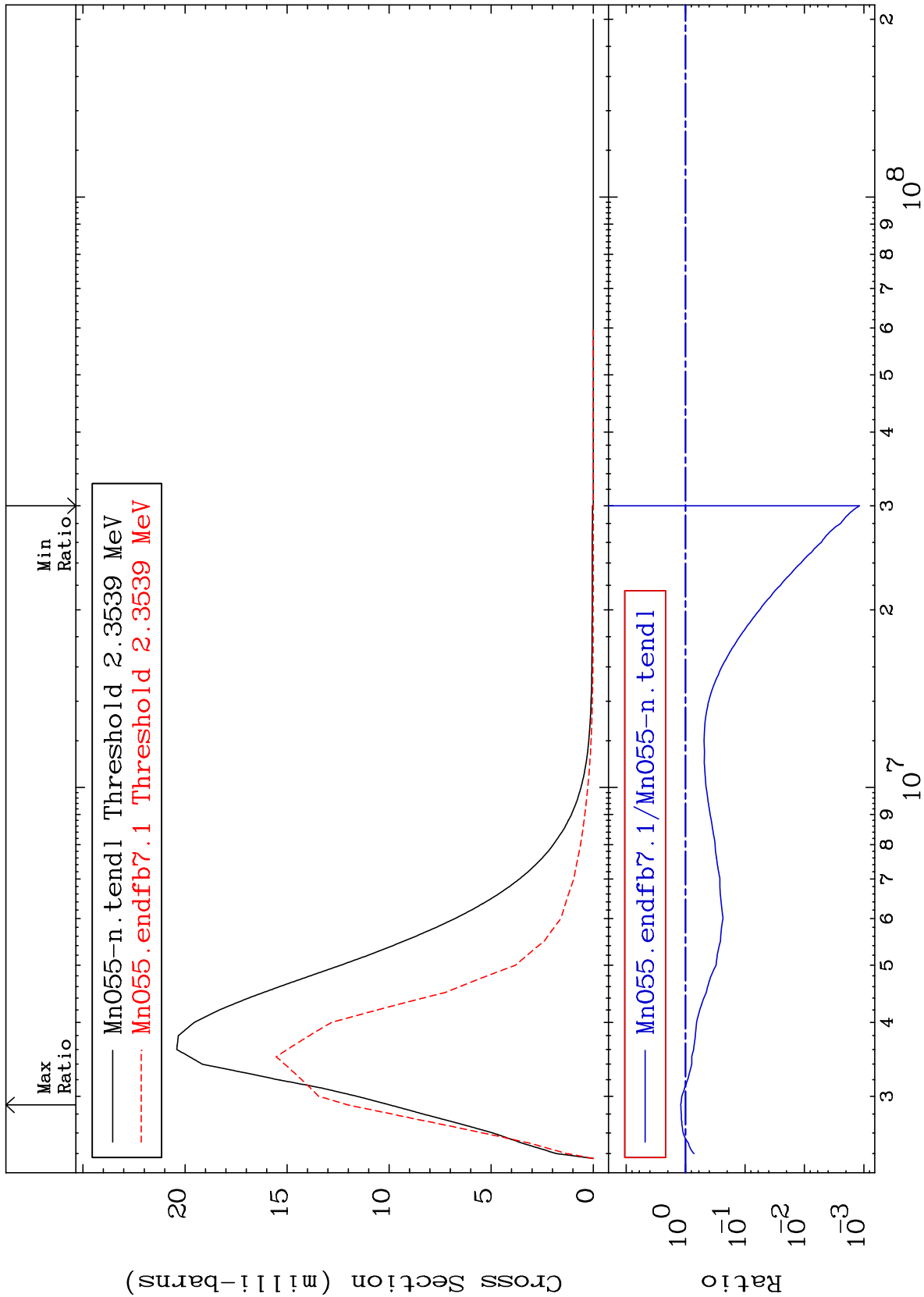
MAT 2525

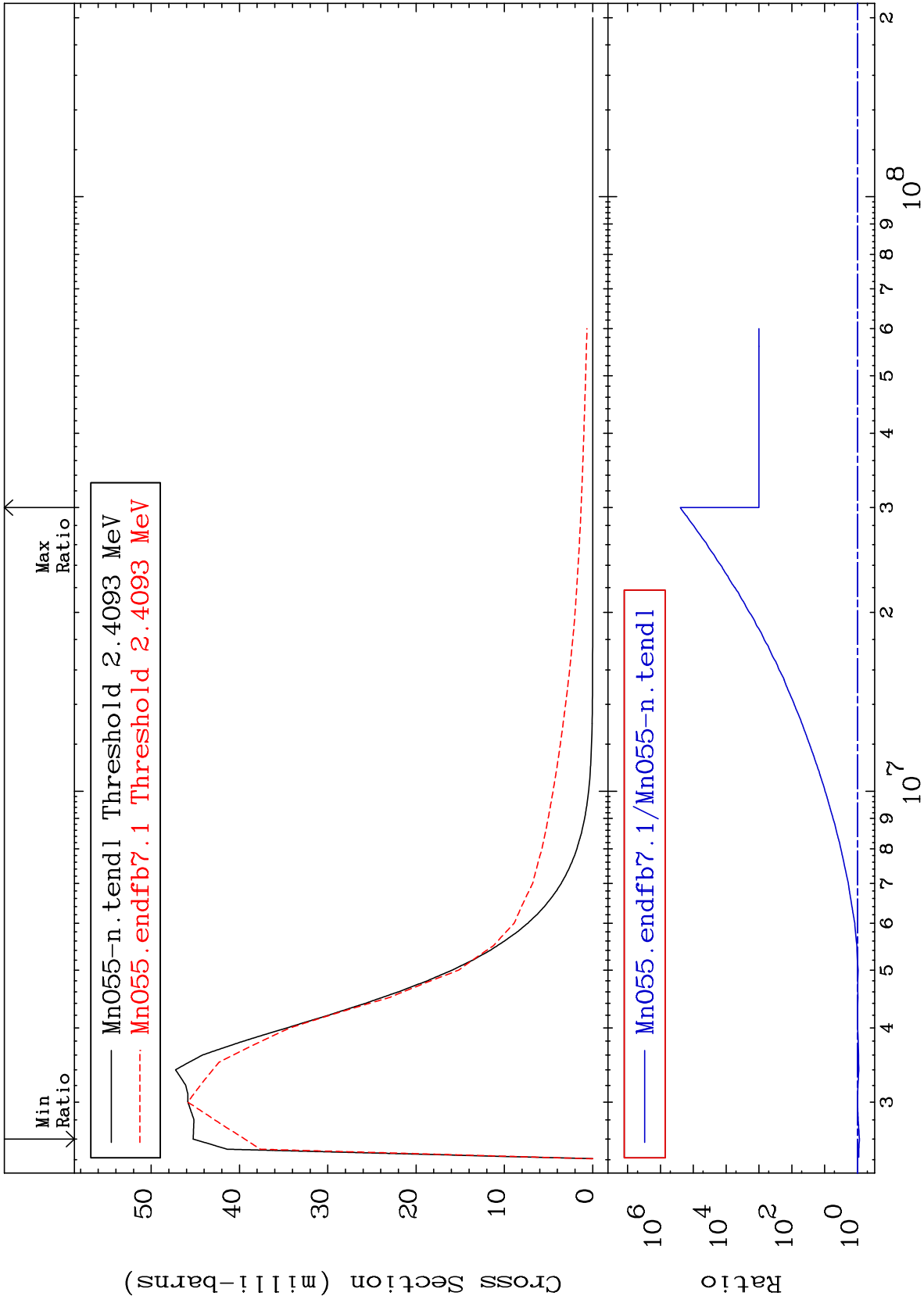
2.281 MeV (n,n') Level
Cross Section

25-Mn-55
-46.85 To 595.9 %



MAT 2525 2.311 MeV (n,n') Level 25-Mn-55
 Cross Section -99.88 To 20.61 %

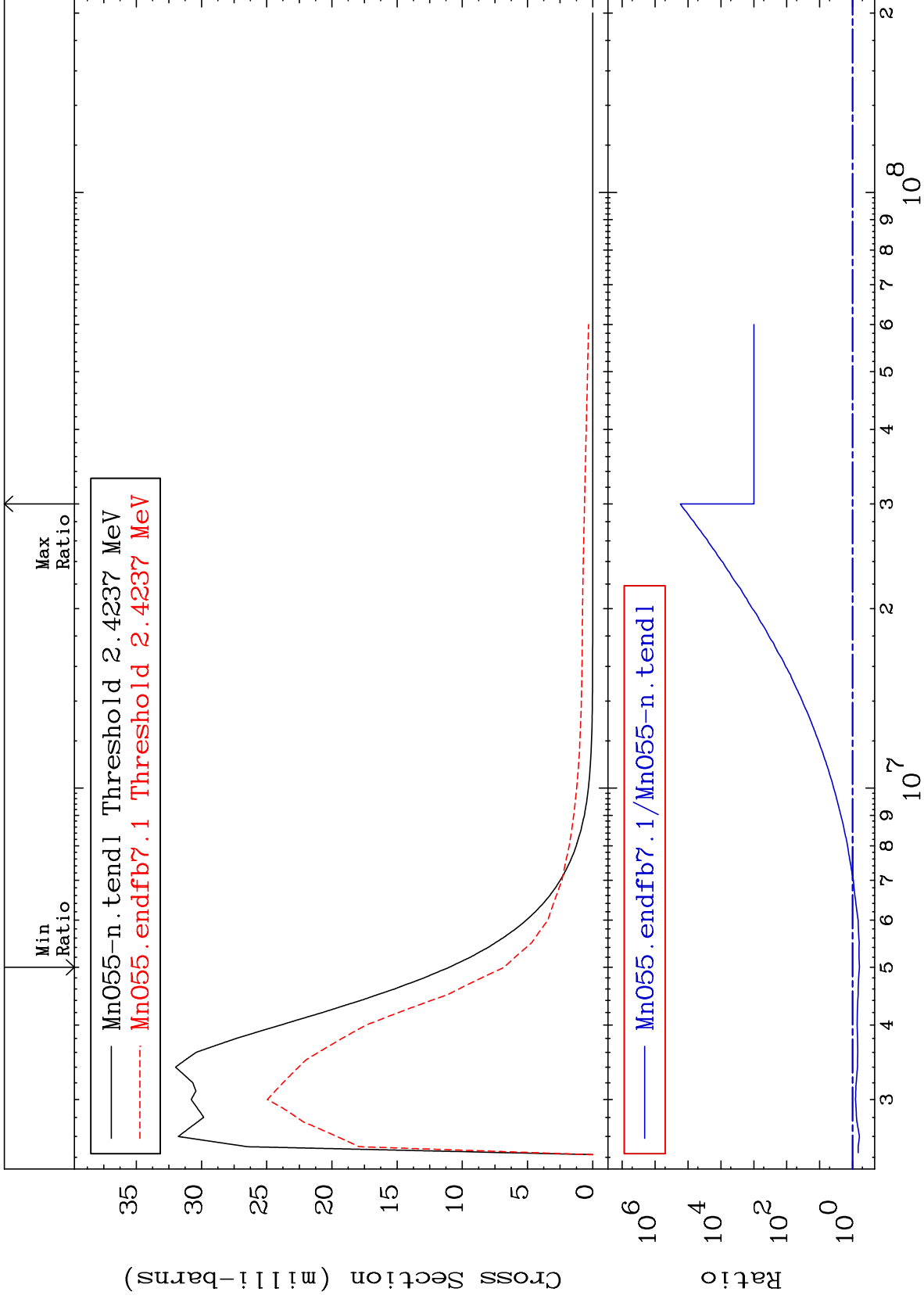




MAT 2525

2.380 MeV (n,n') Level
Cross Section

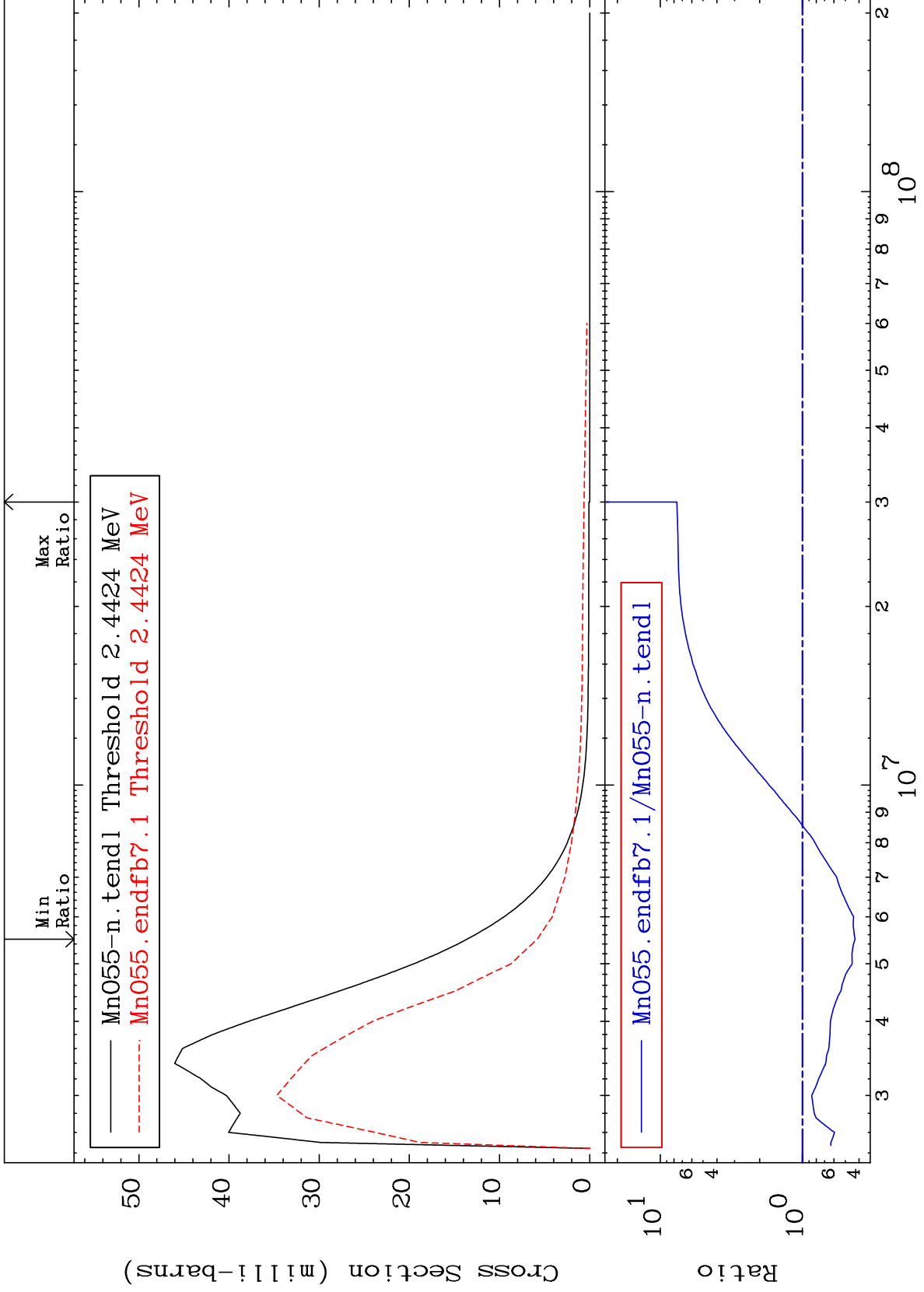
25-Mn-55
-38.28 To 9999. %



MAT 2525

2.398 MeV (n, n') Level
Cross Section

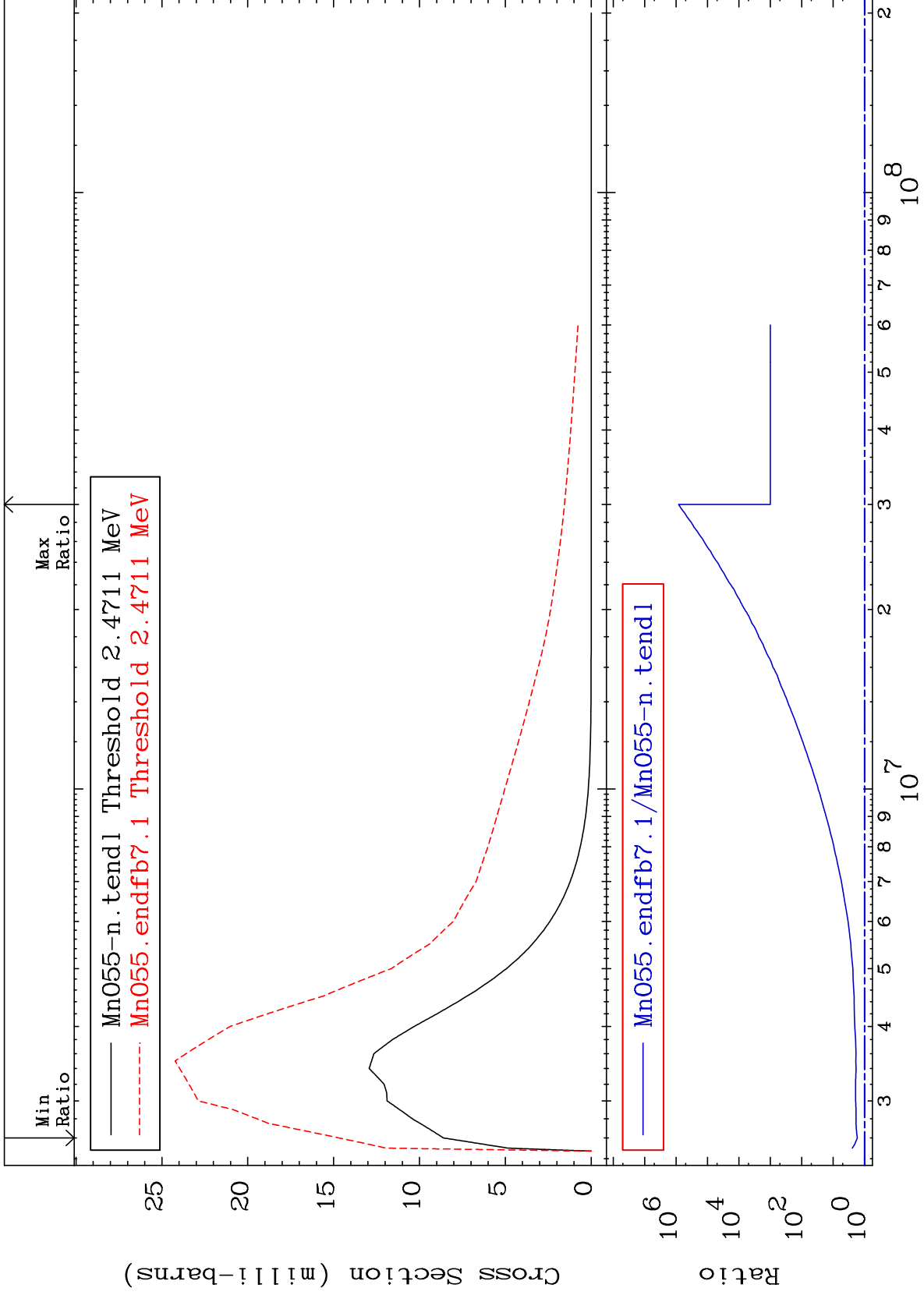
25-Mn-55
-57.34 To 663.2 %



MAT 2525

2.427 MeV (n,n') Level
Cross Section

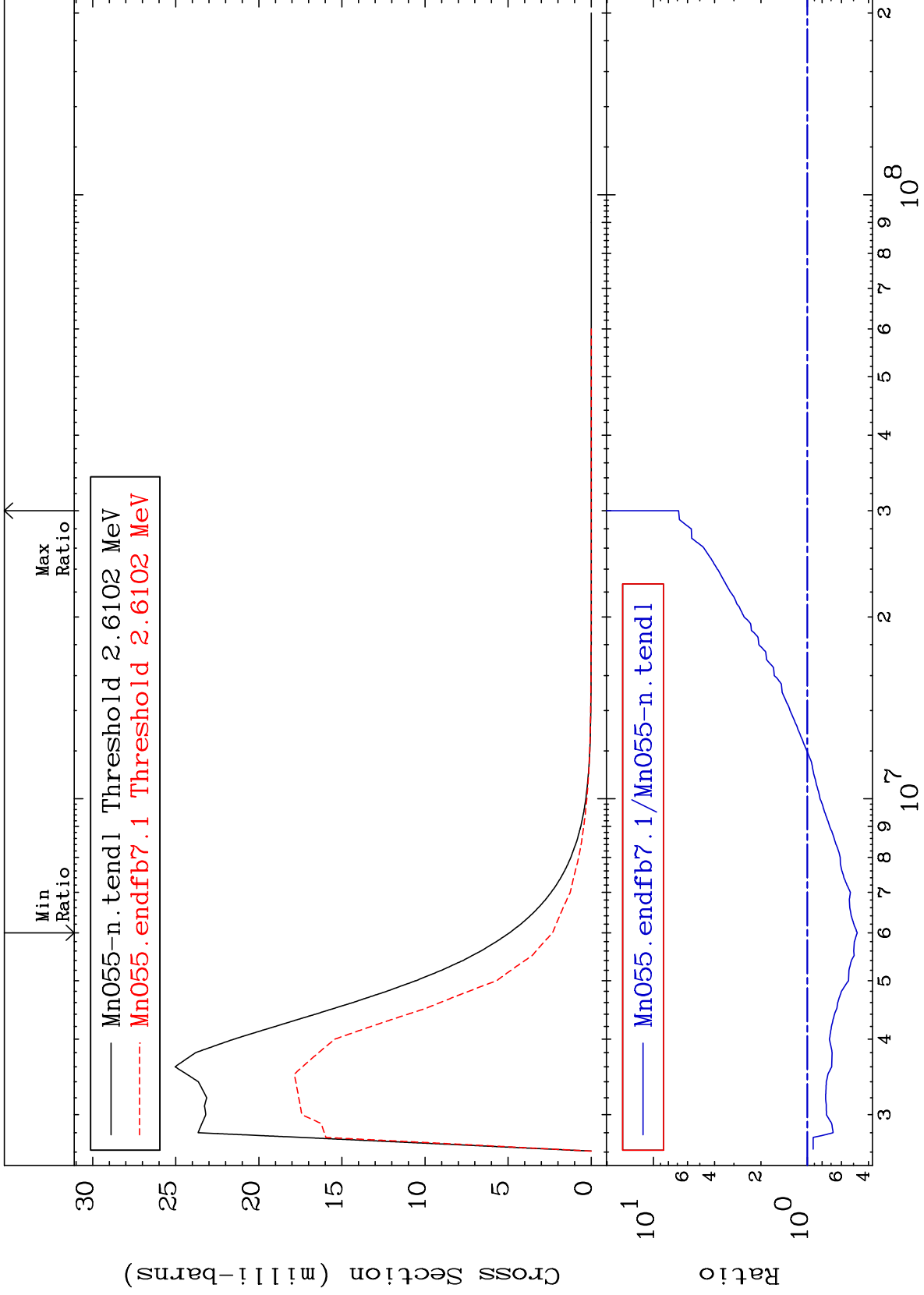
25-Mn-55
70.67 To 9999. %



MAT 2525

2.563 MeV (n,n') Level
Cross Section

25-Mn-55
-52.67 To 585.8 %



25

Incident Energy (eV)

25-Mn-55

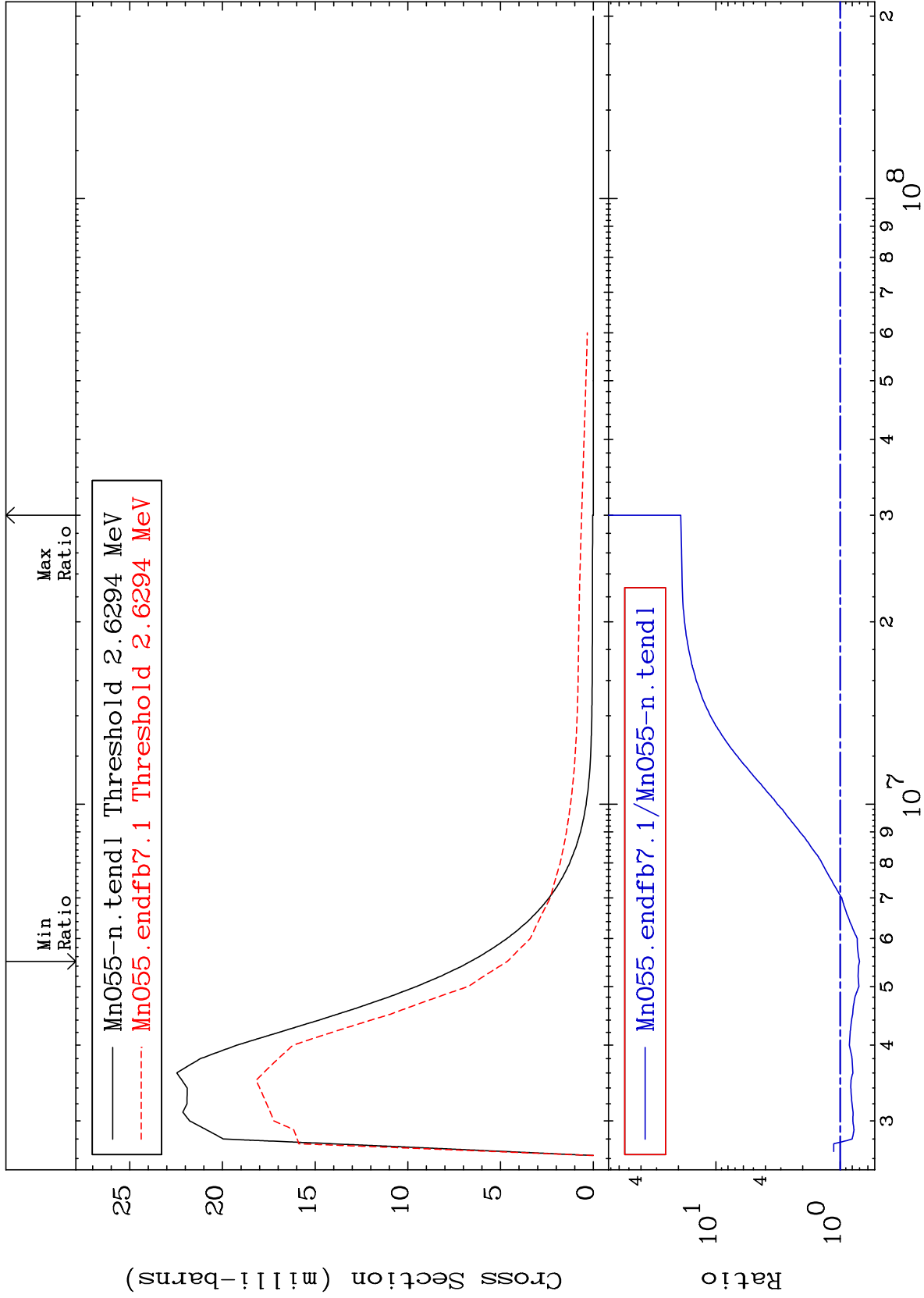
MAT 2525

2.582 MeV (n,n') Level

25-Mn-55

-30.11 To 1816. %

Cross Section



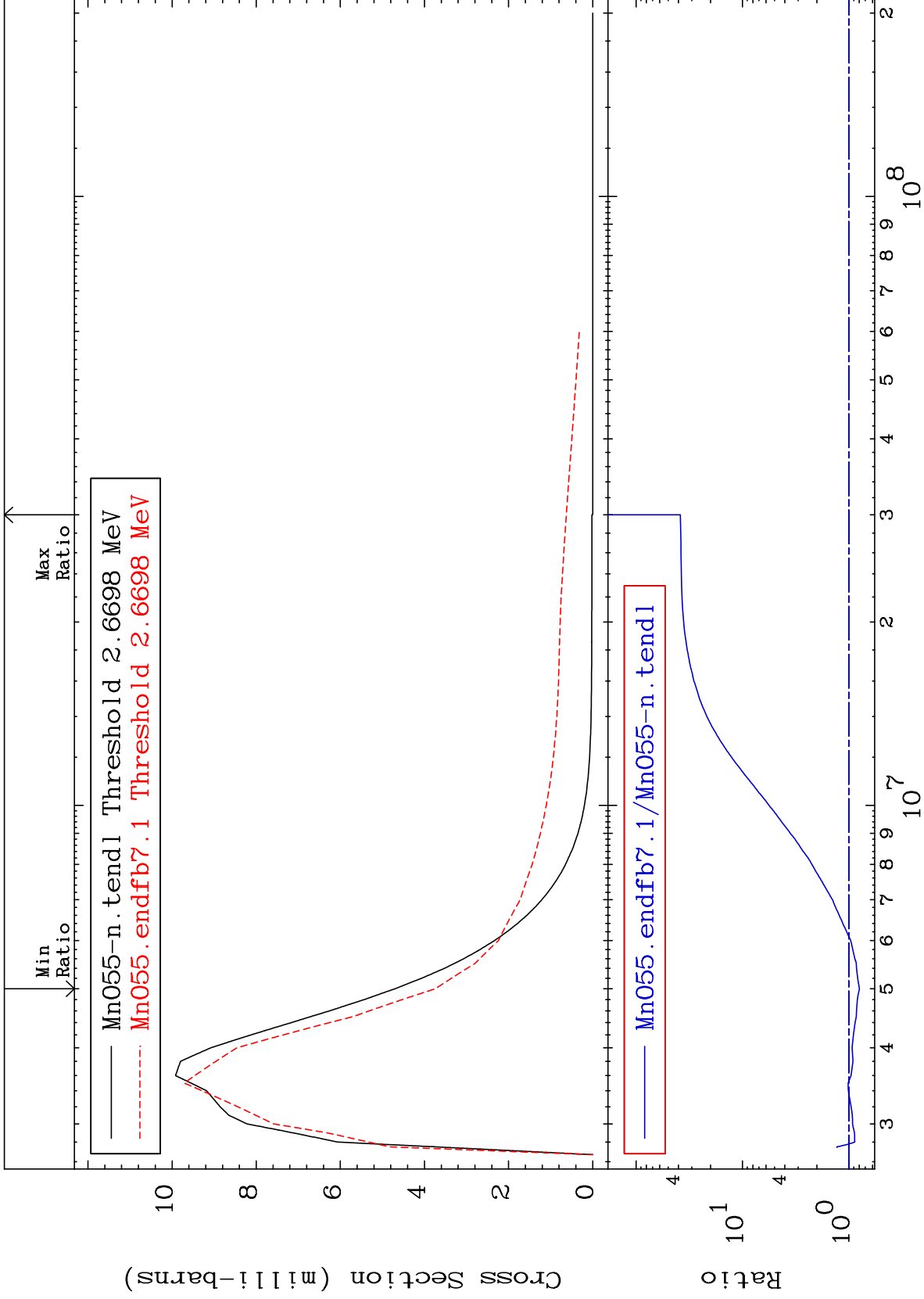
26

25-Mn-55

MAT 2525

2.622 MeV (n,n') Level
Cross Section

25-Mn-55
-20.45 To 3736. %



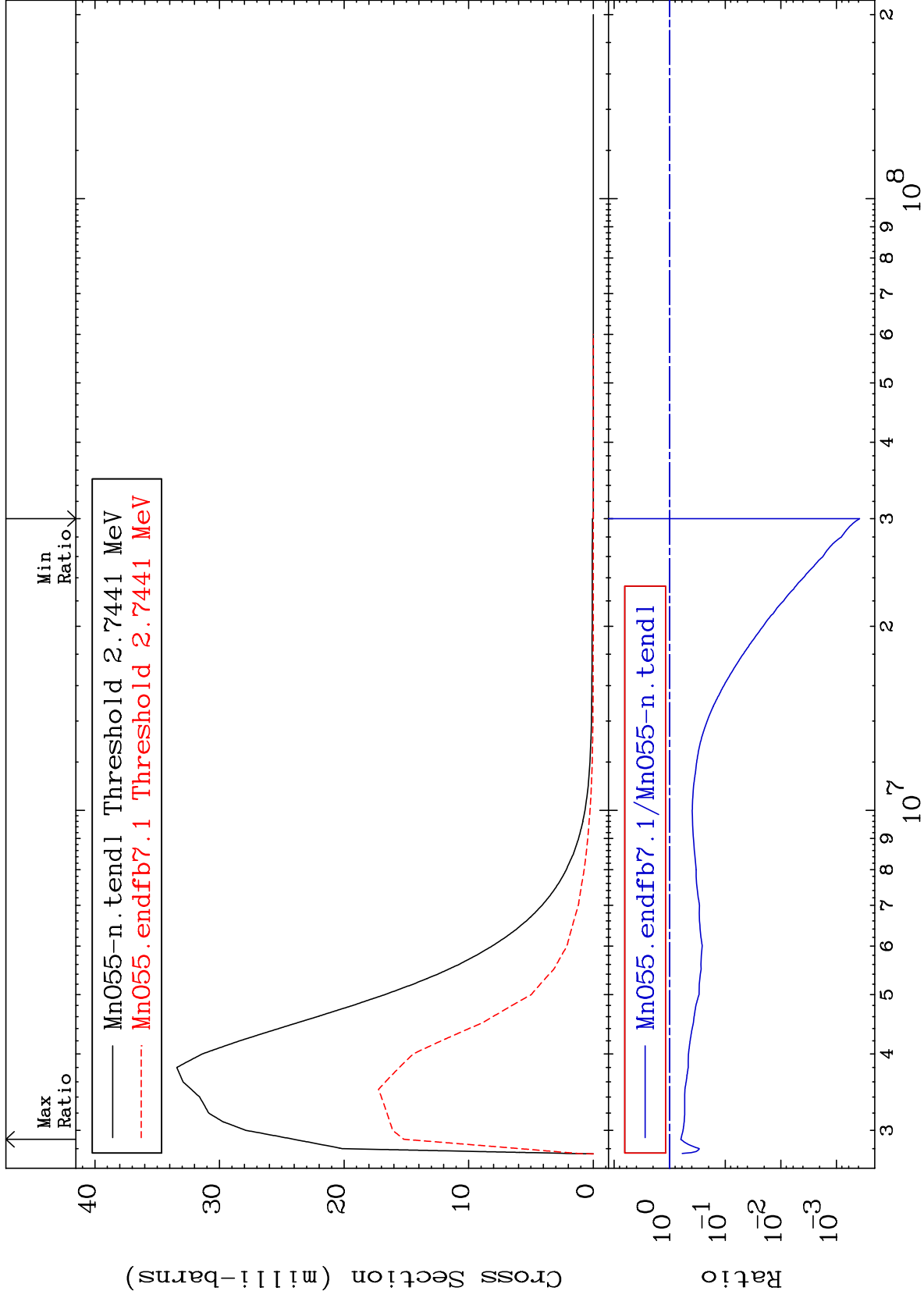
27

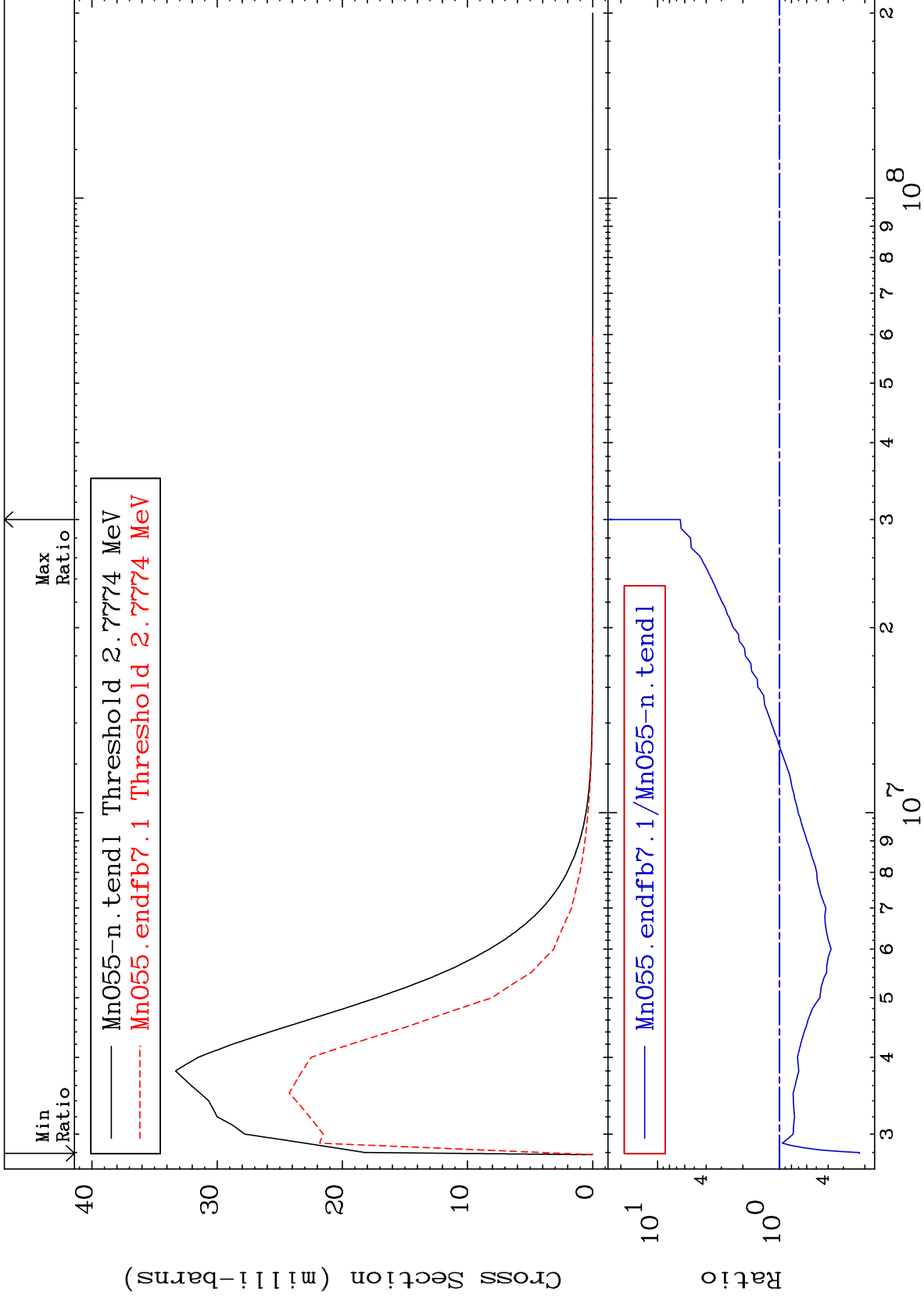
25-Mn-55

MAT 2525

2.695 MeV (n,n') Level
Cross Section

²⁵Mn-55
-99.96 To -36.71%

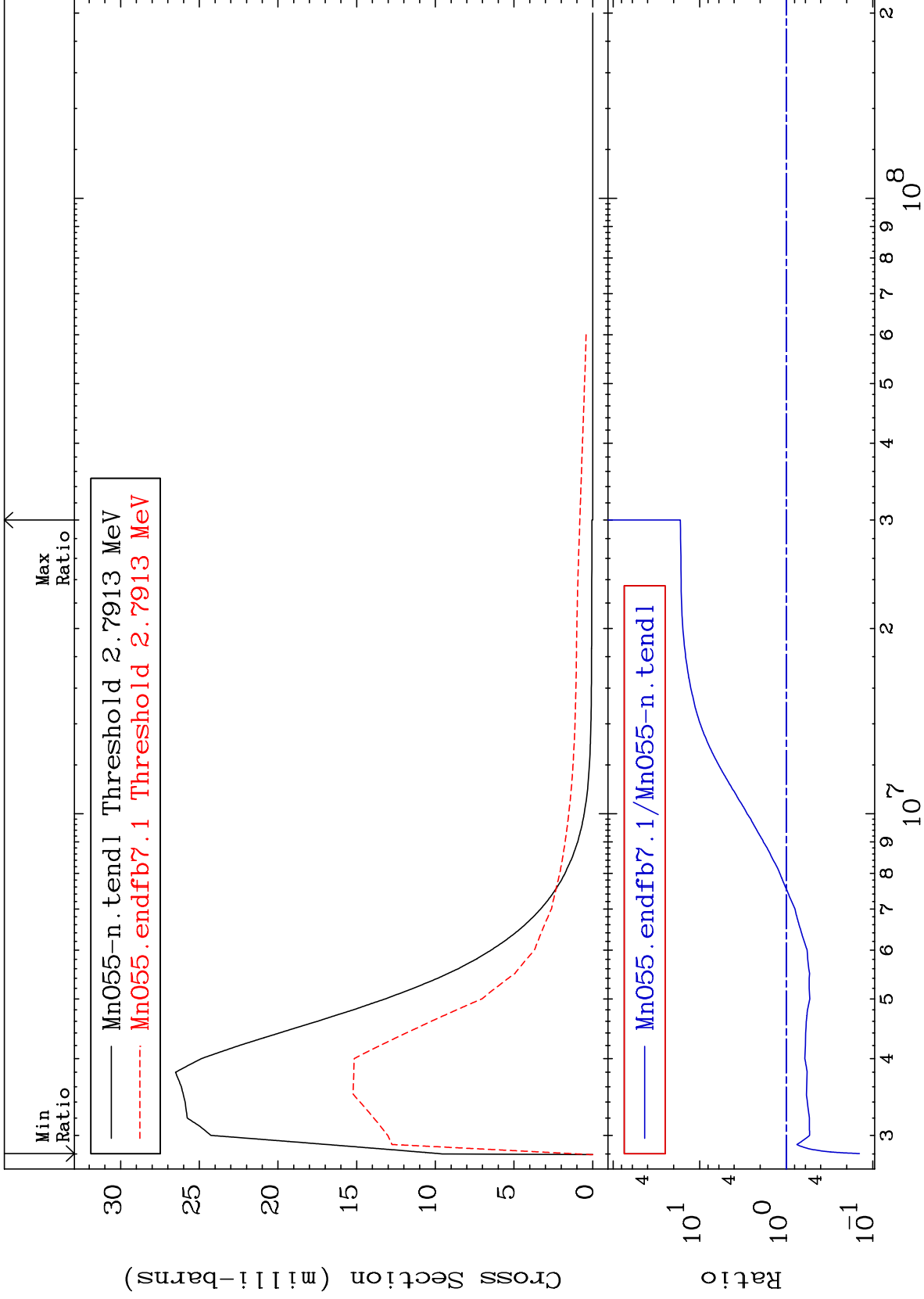




MAT 2525

2.741 MeV (n,n') Level
Cross Section

25-Mn-55
-85.73 To 1572. %



30

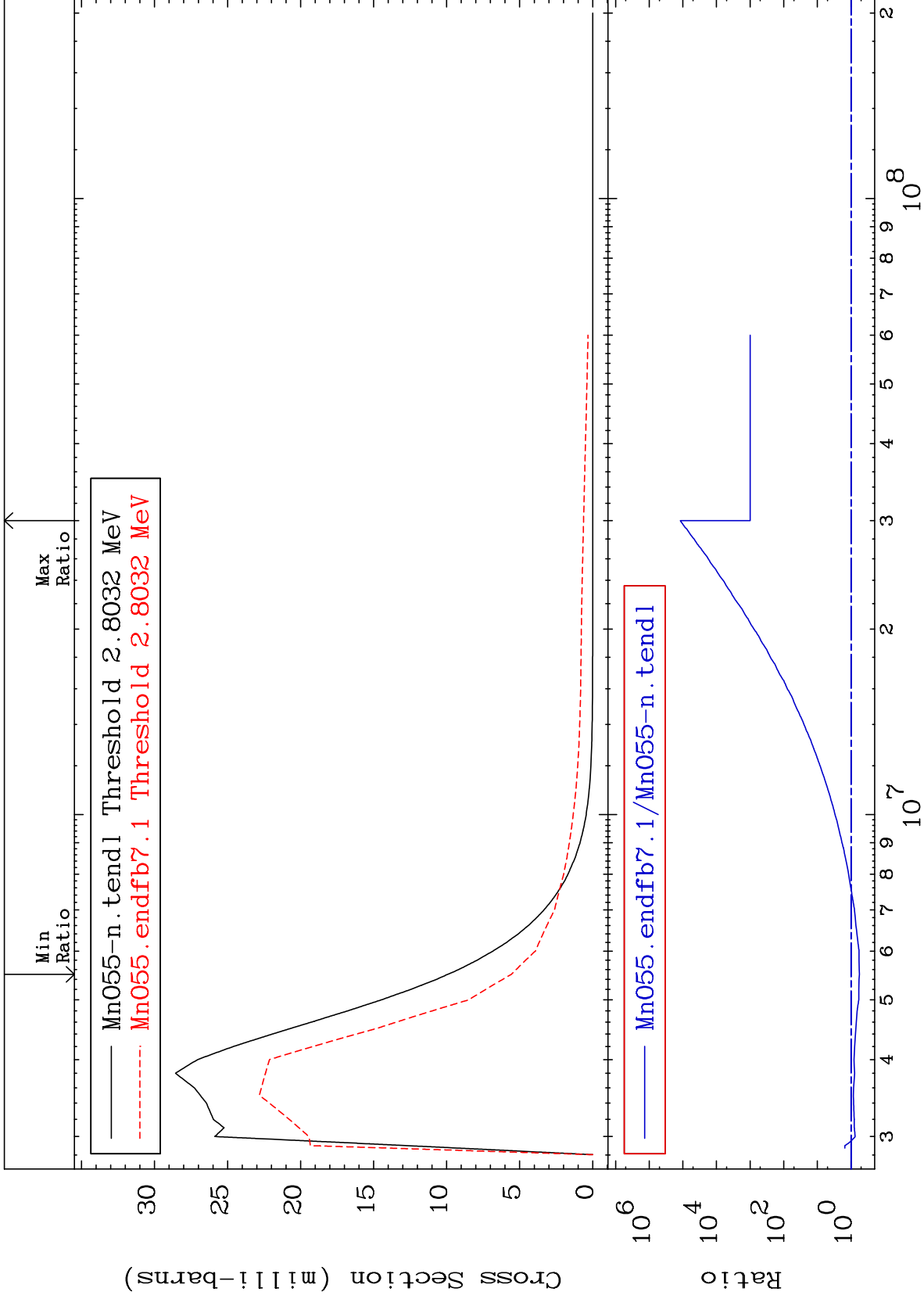
Incident Energy (eV)

25-Mn-55

MAT 2525

2.753 MeV (n,n') Level
Cross Section

25-Mn-55
-43.90 To 9999. %



31

25-Mn-55

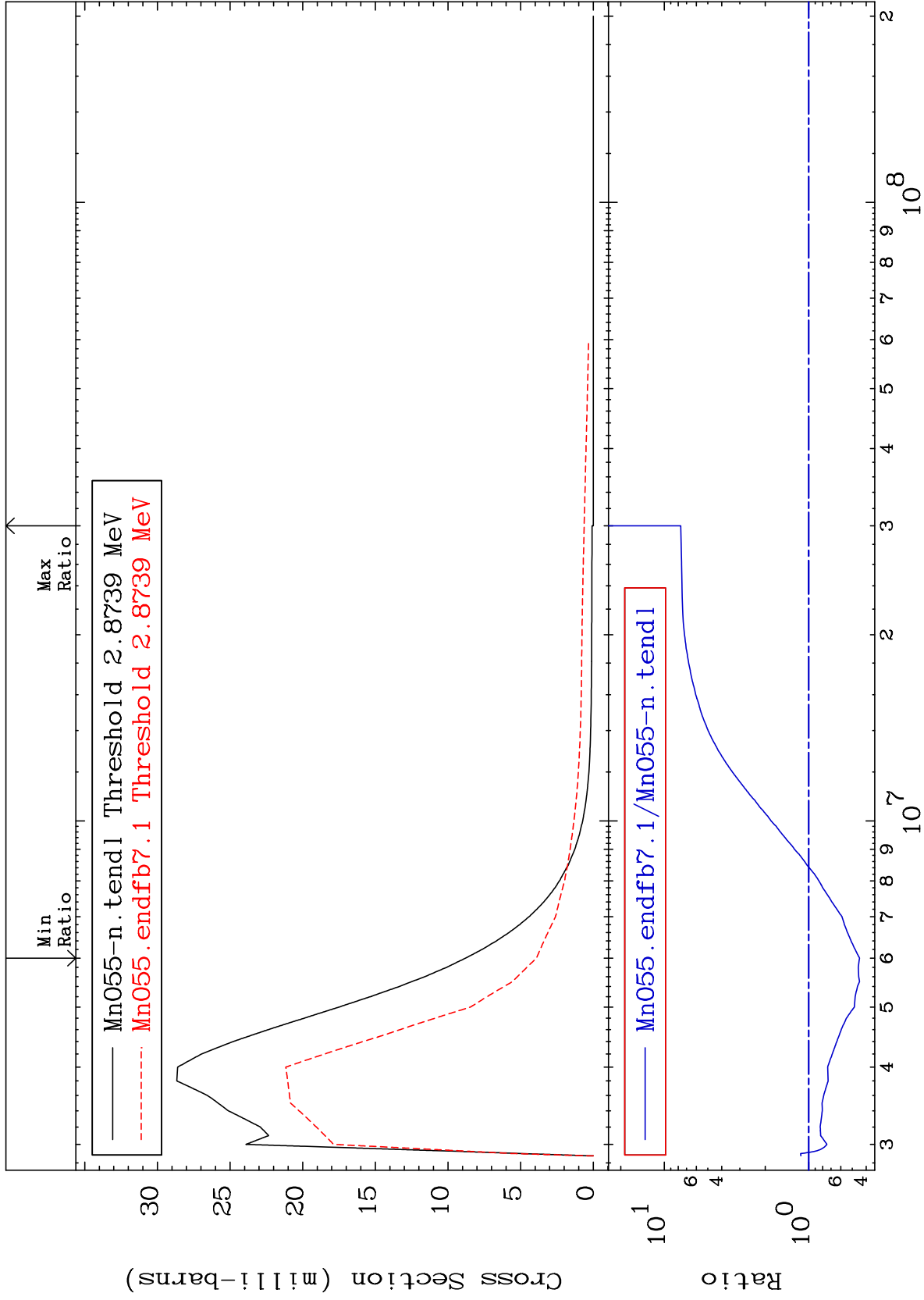
MAT 2525

2.822 MeV (n,n') Level

25-Mn-55

-55.54 To 668.2 %

Cross Section



32

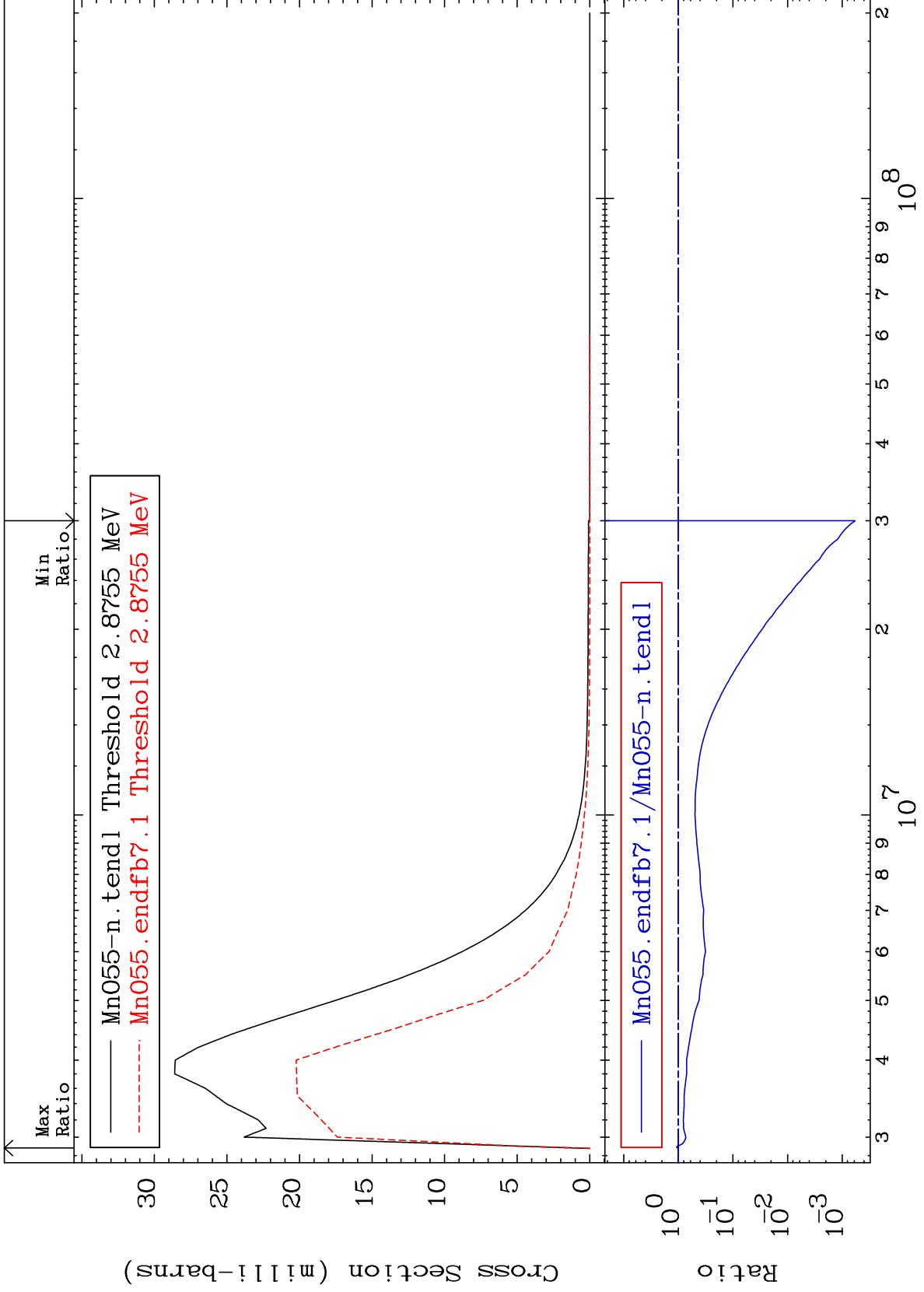
Incident Energy (eV)

25-Mn-55

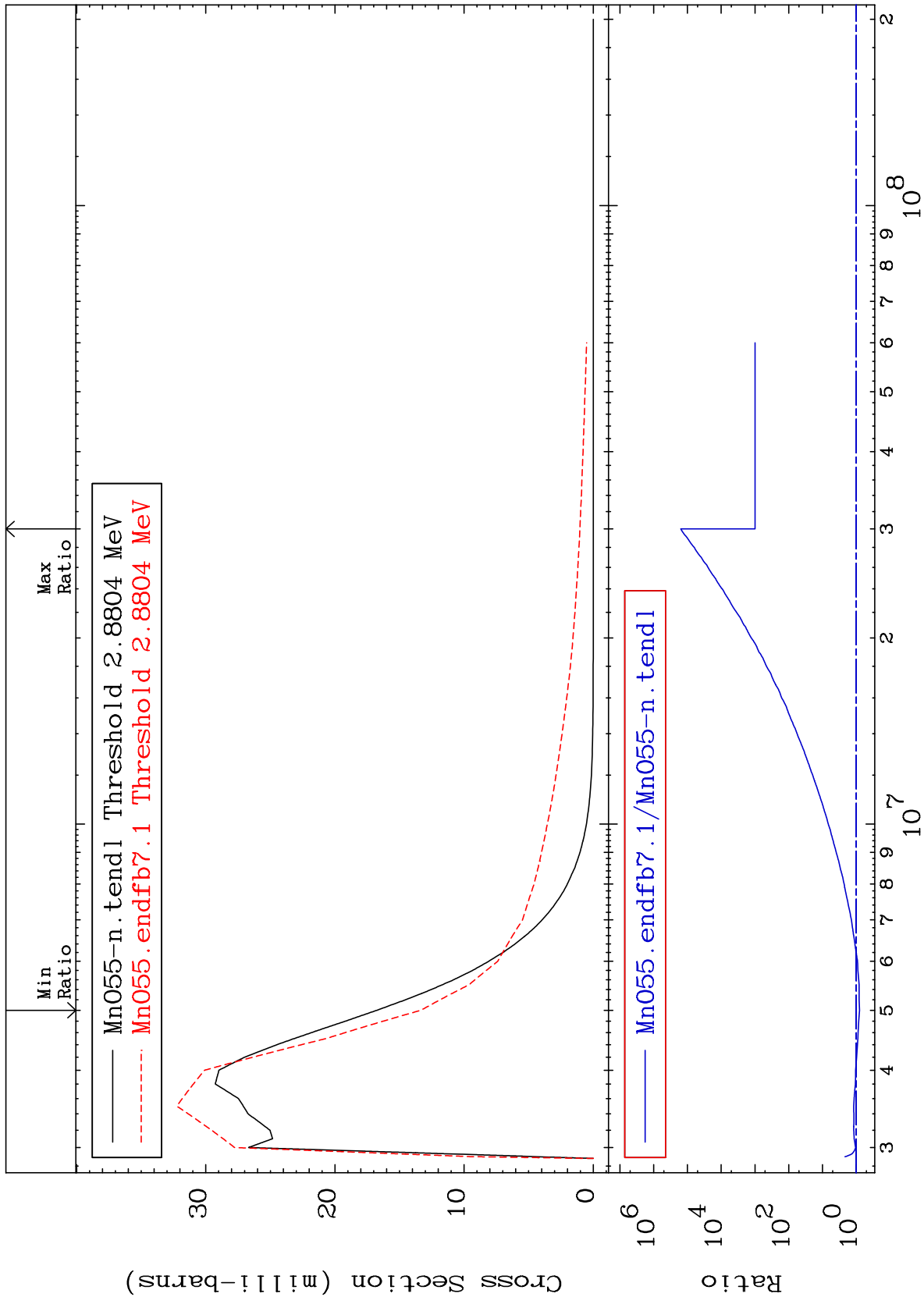
MAT 2525

2.824 MeV (n,n') Level
Cross Section

25-Mn-55
-99.94 To 6.328 %



MAT 2525 2.828 MeV (n,n') Level 25-Mn-55
 Cross Section -20.28 To 9999. %



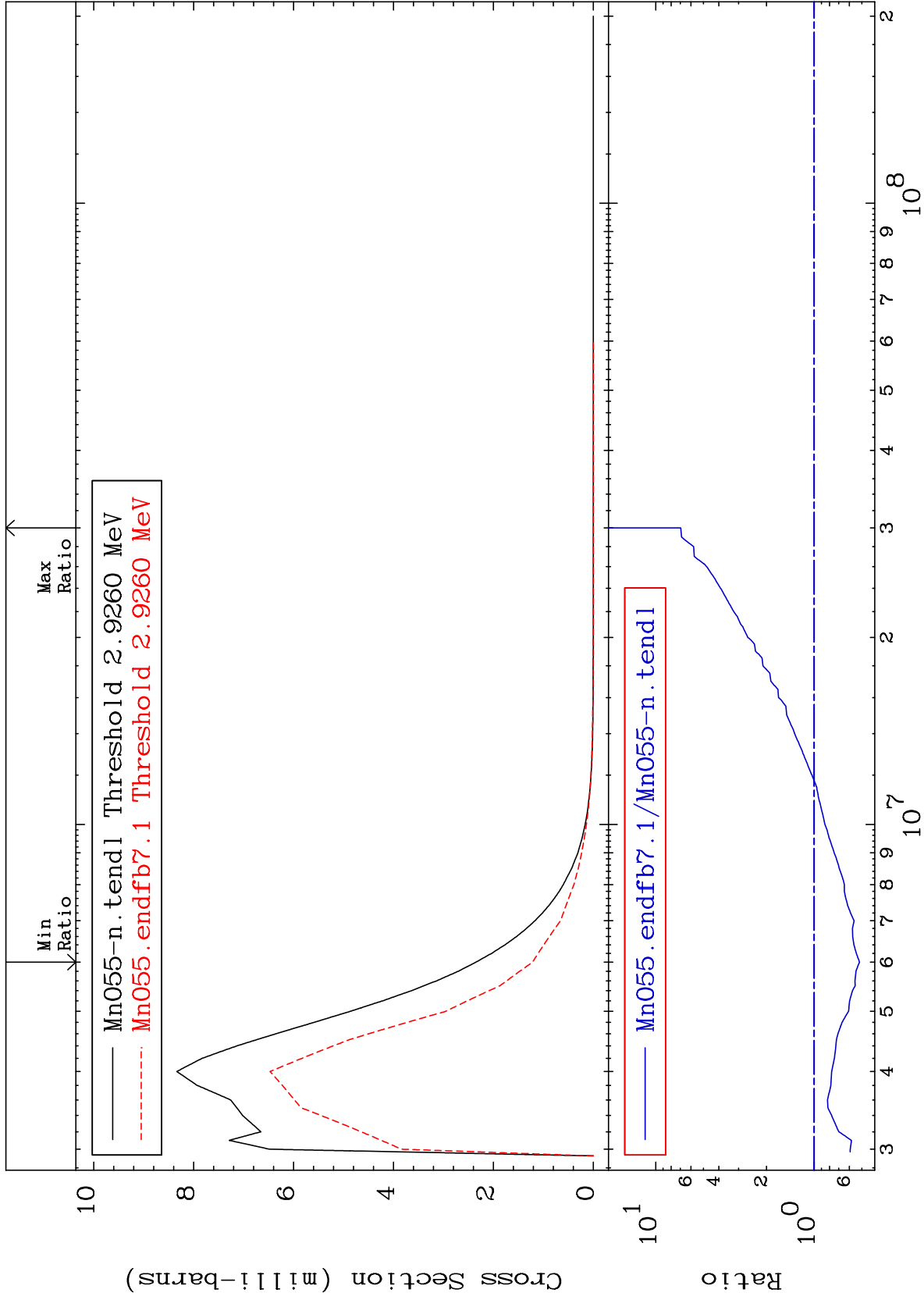
MAT 2525

2.873 MeV (n,n') Level

25-Mn-55

-48.26 To 595.6 %

Cross Section

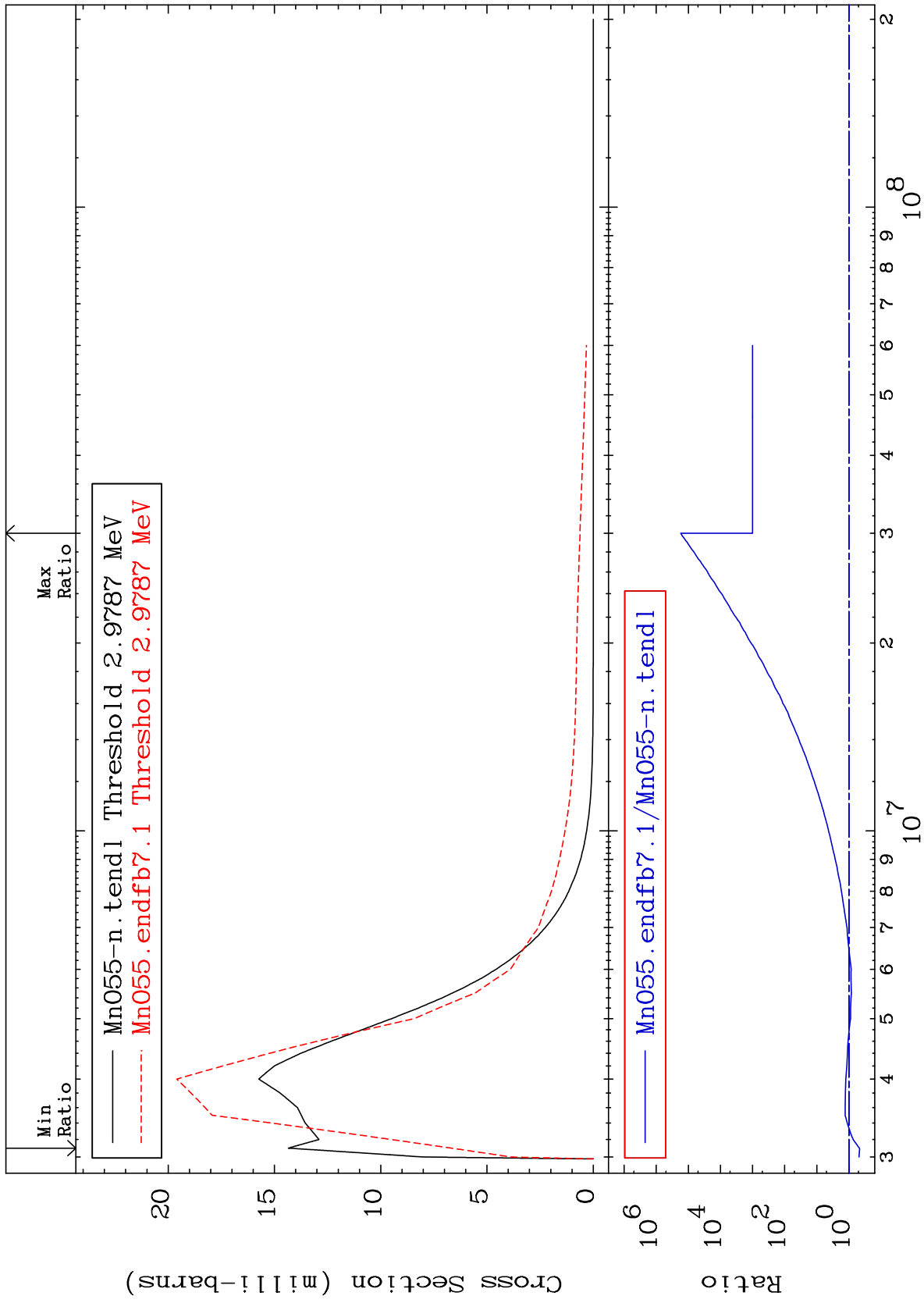


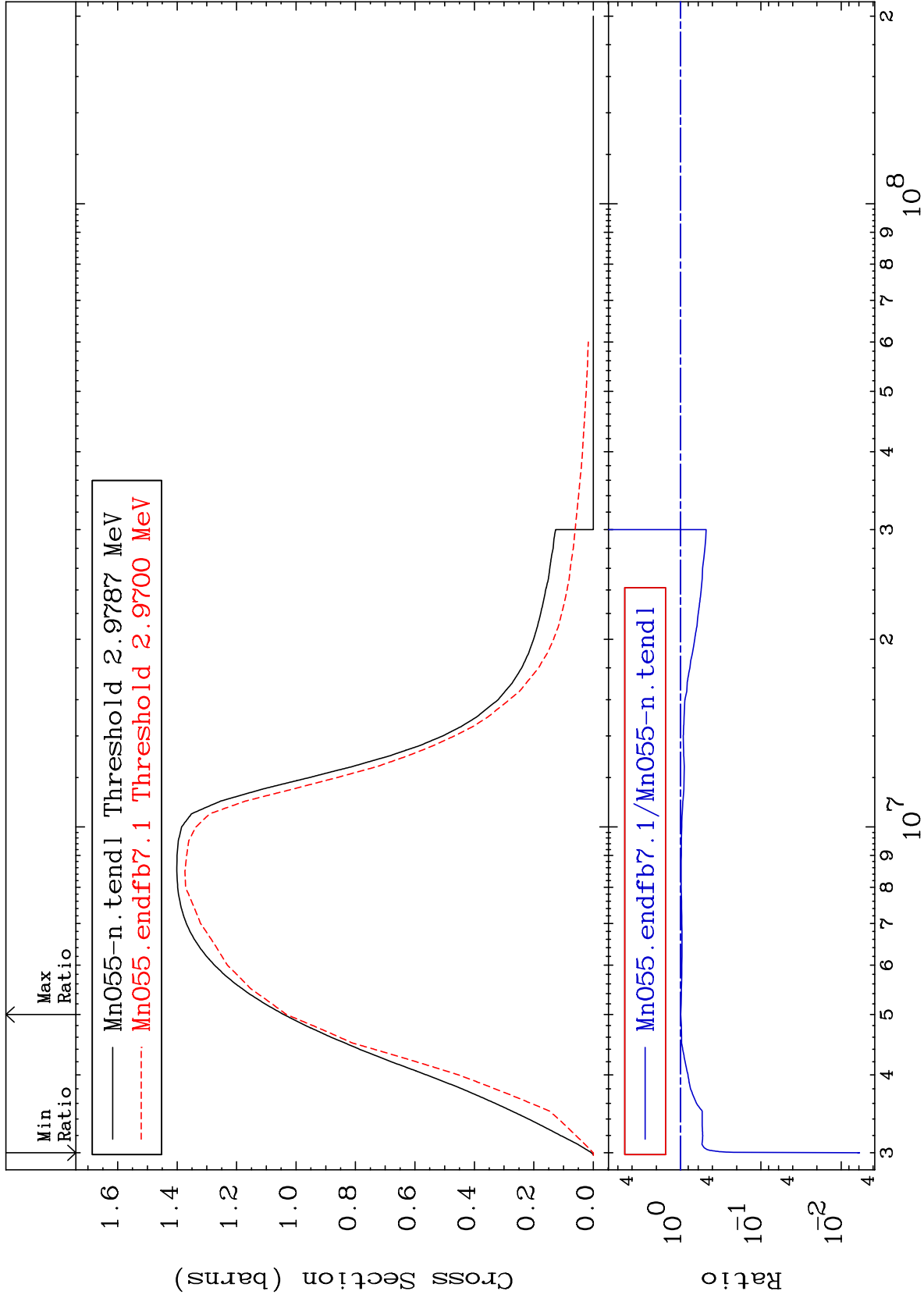
35

Incident Energy (eV)

25-Mn-55

MAT 2525 2.925 MeV (n,n') Level 25-Mn-55
 Cross Section -53.45 To 9999. %

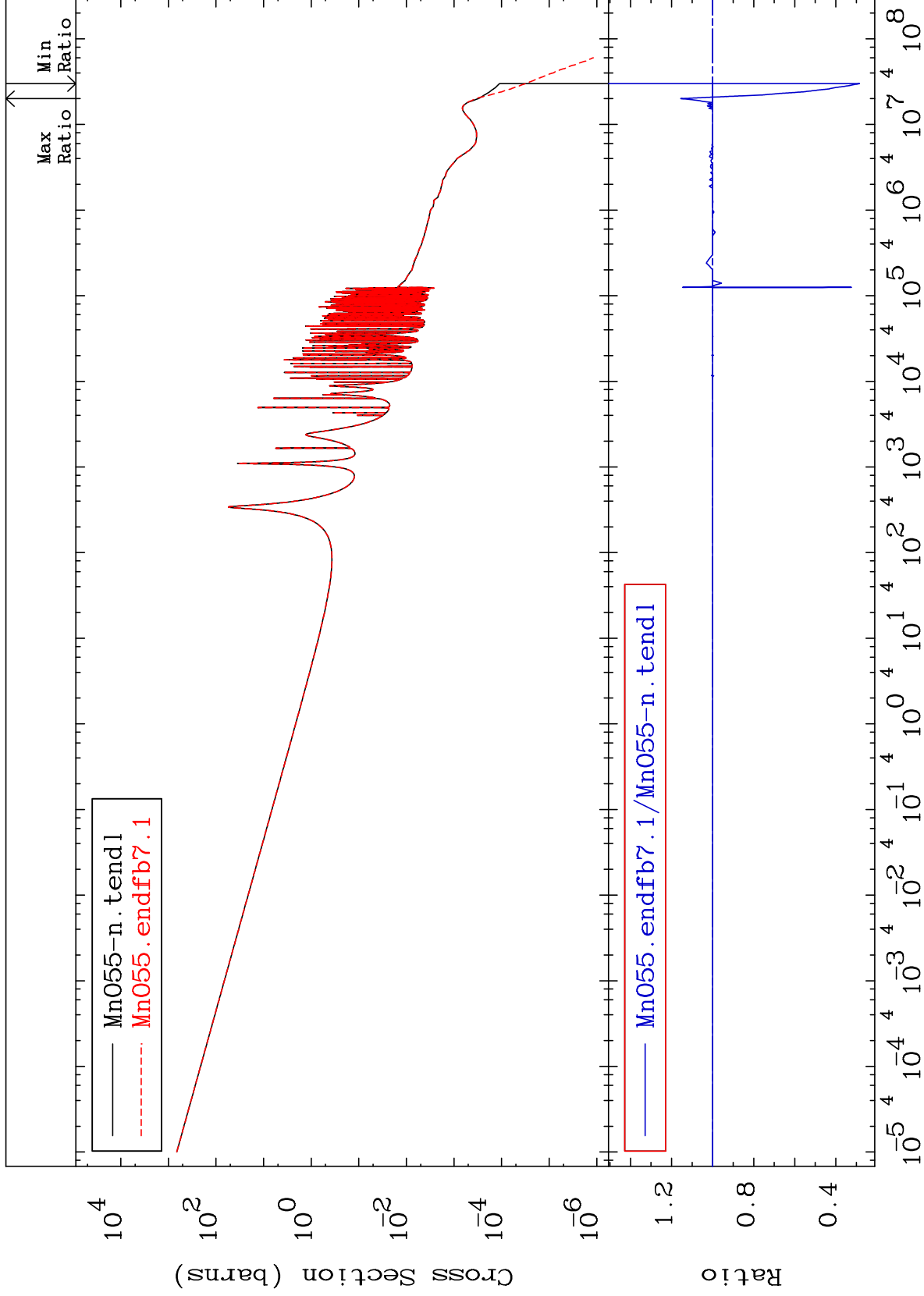




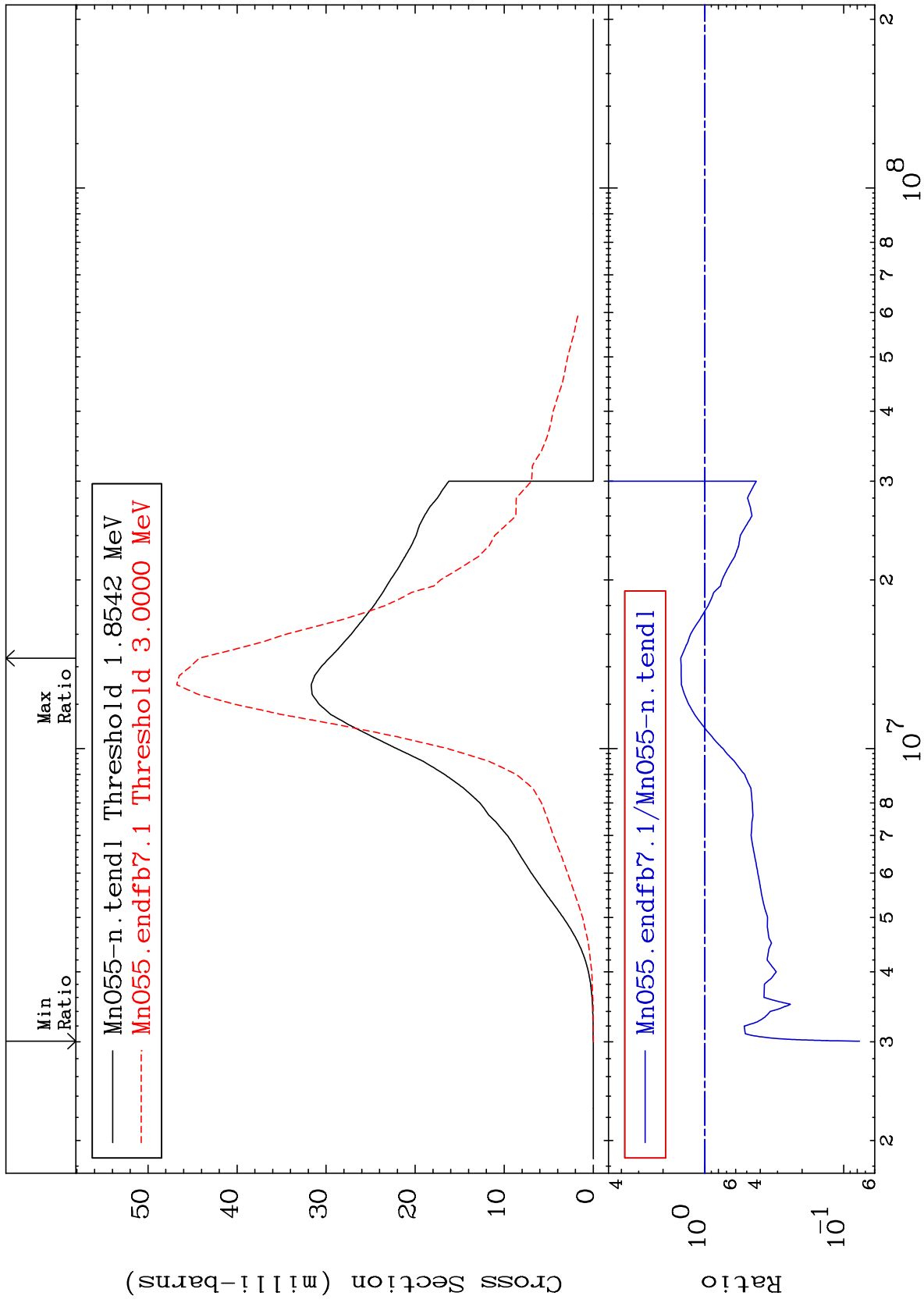
MAT 2525

(n, γ)
Cross Section

25-Mn-55
-71.55 To 15.51 %



MAT 2525 25-Mn-55
-92.30 To 49.27 %



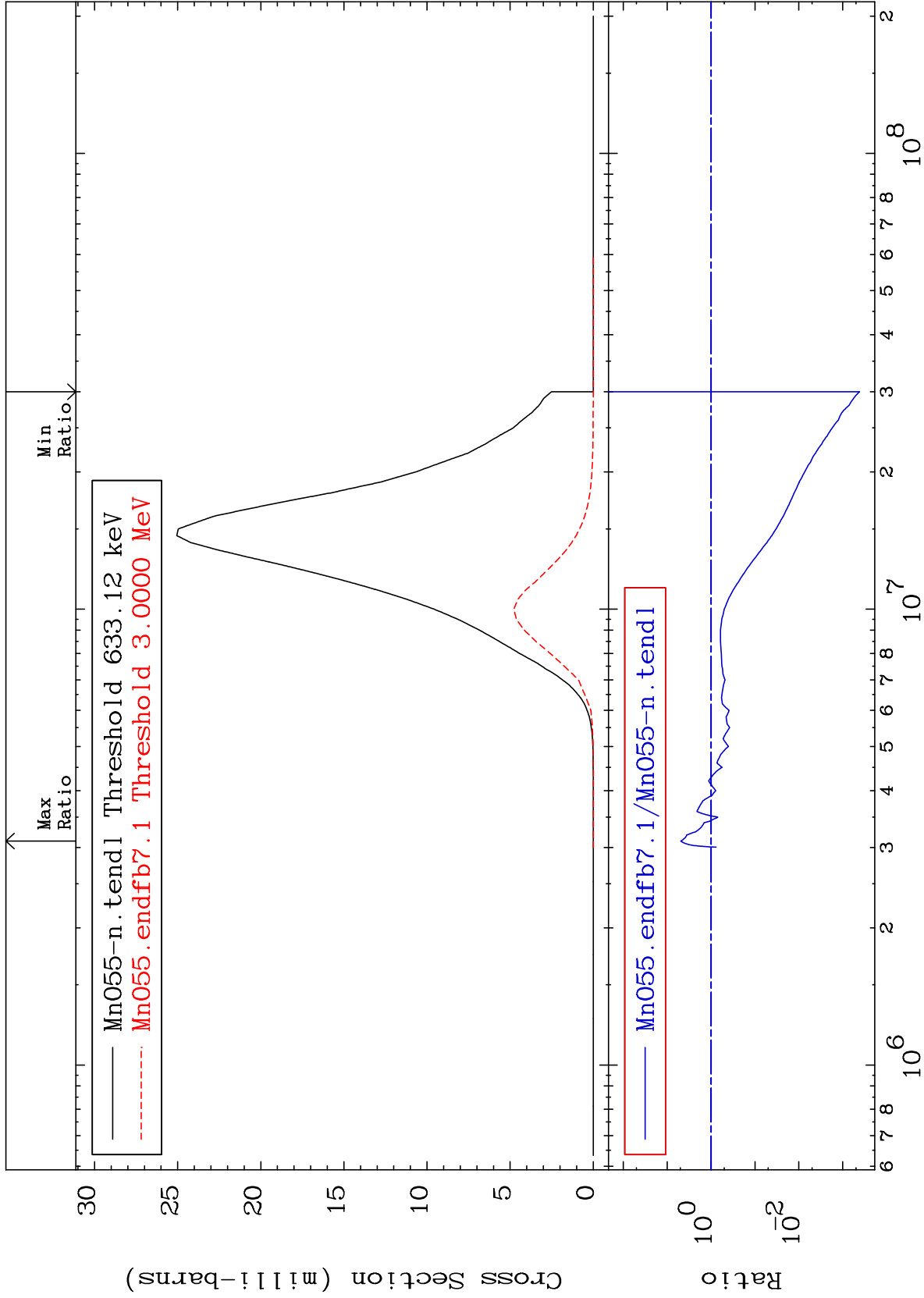
MAT 2525

(n, α)

²⁵Mn-55

Cross Section

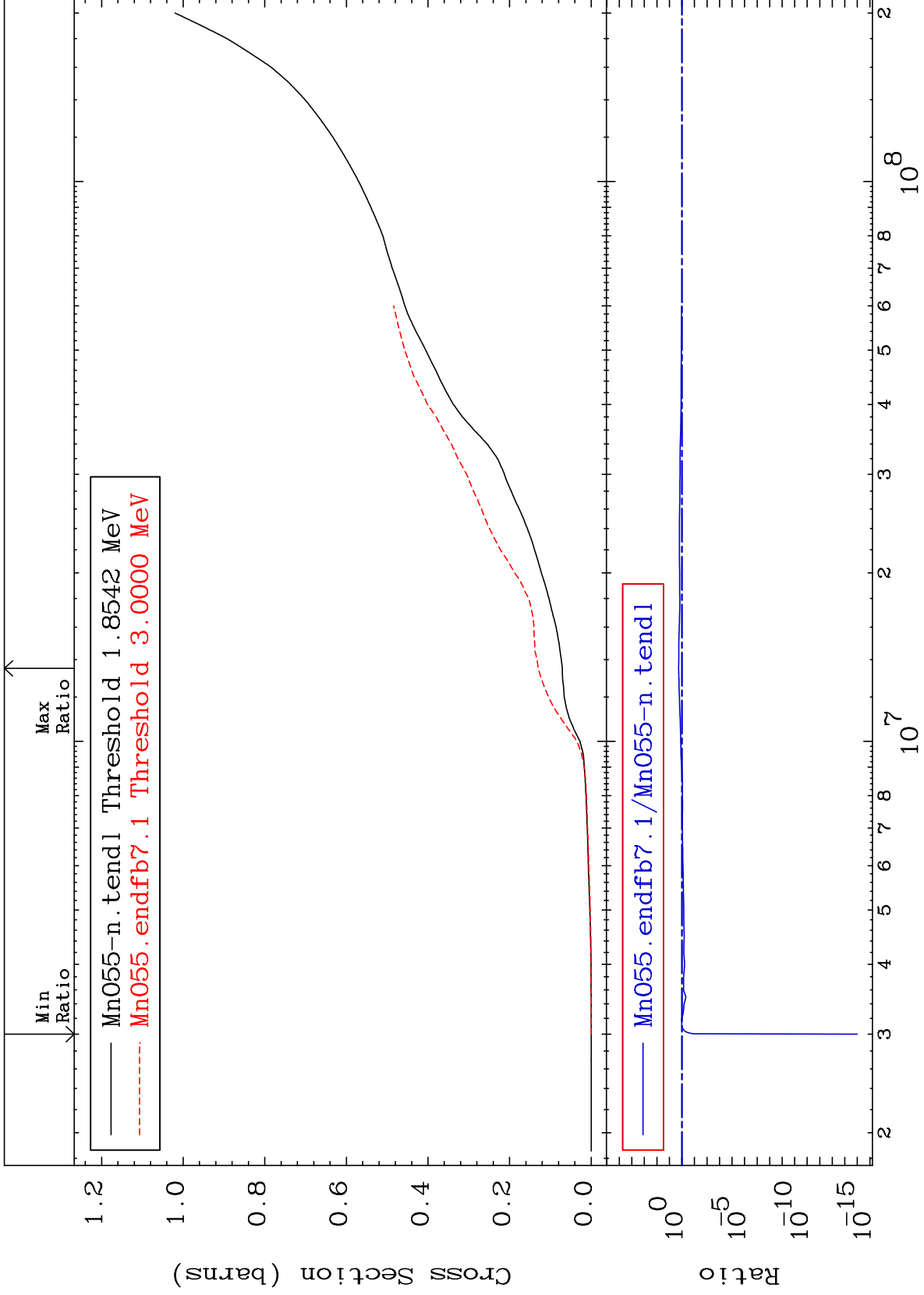
-99.96 To 389.7 %



MAT 2525

Hydrogen Production
Cross Section

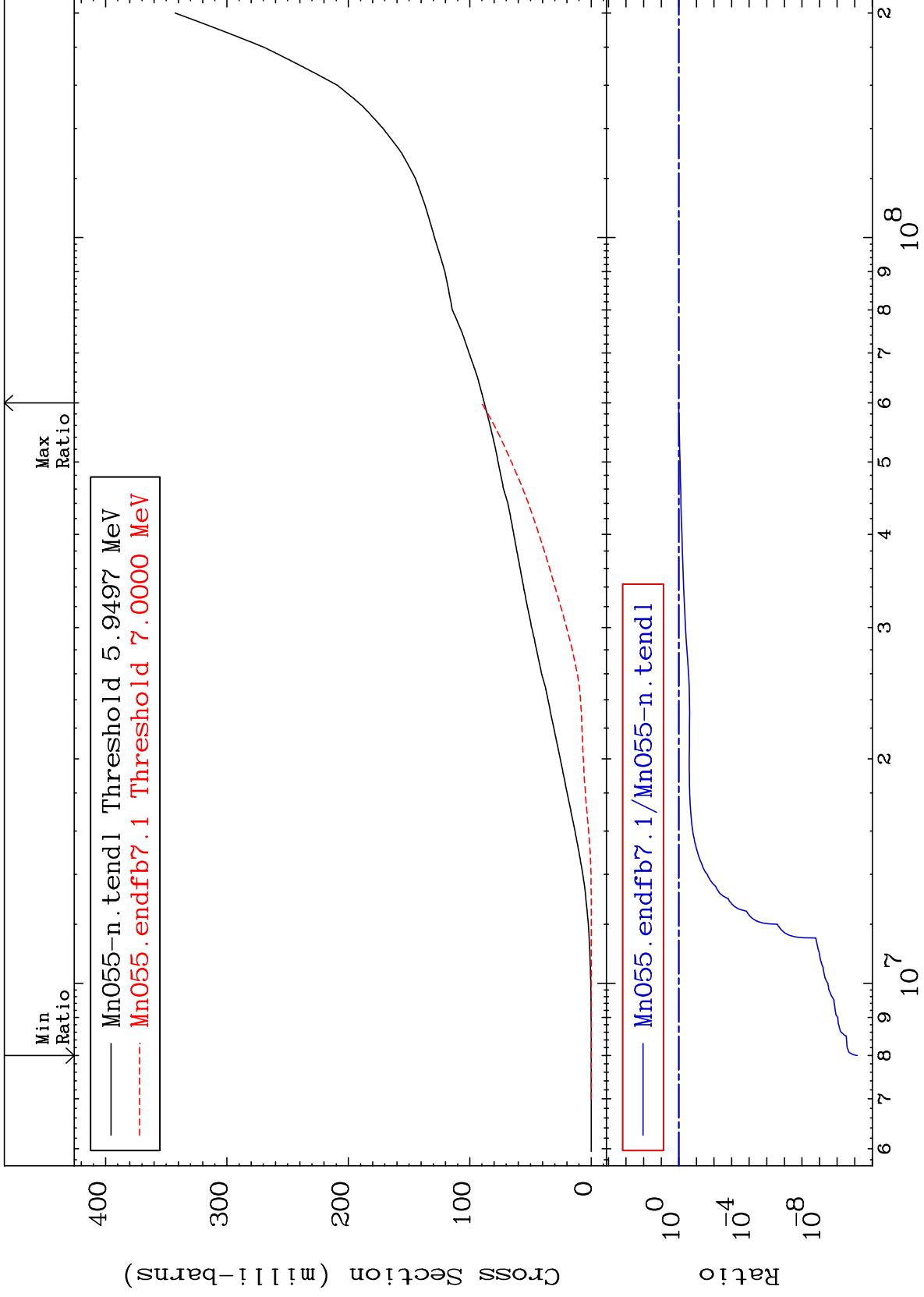
²⁵Mn-55
-100.0 To 83.48 %



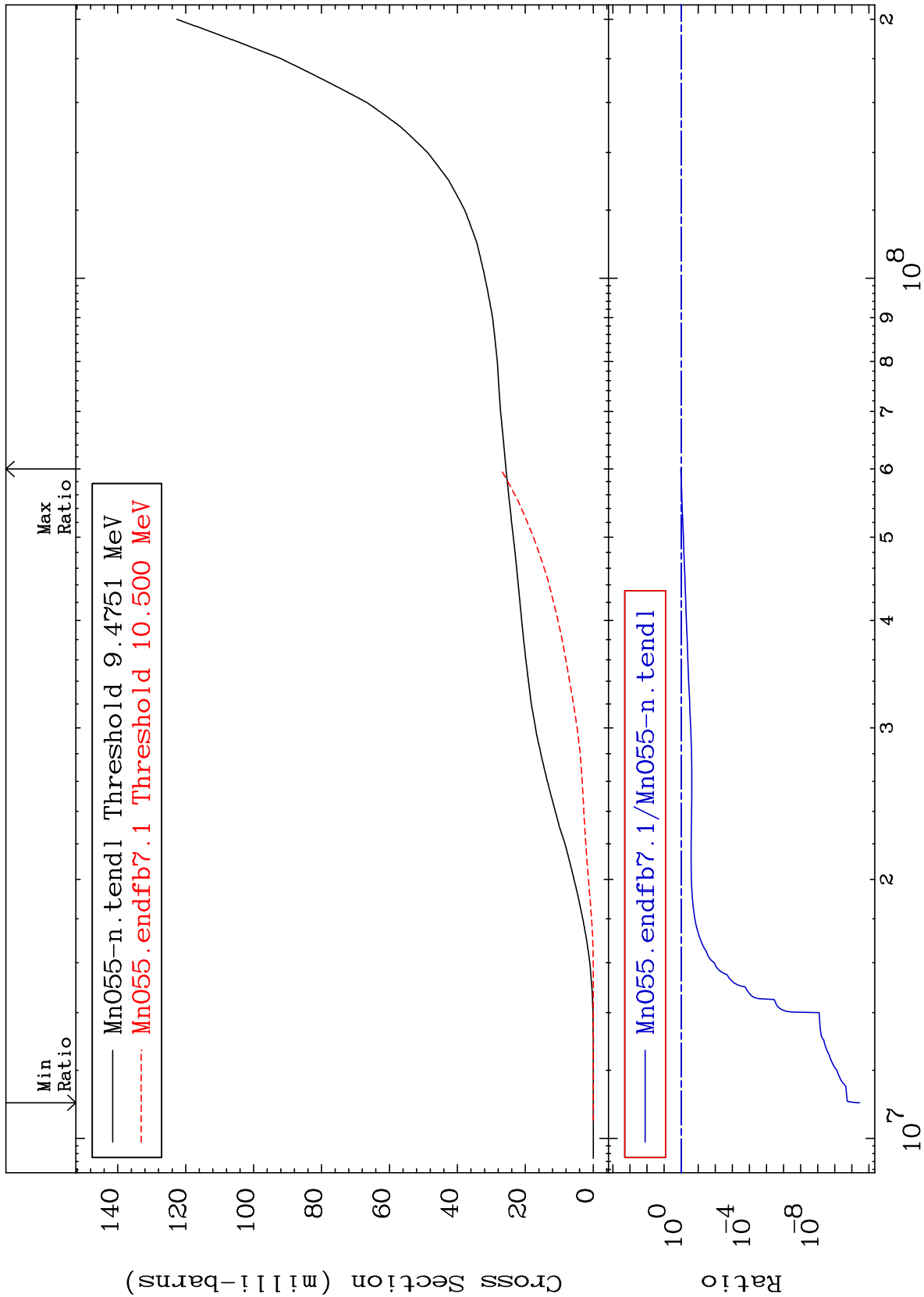
MAT 2525

Deuterium Production
Cross Section

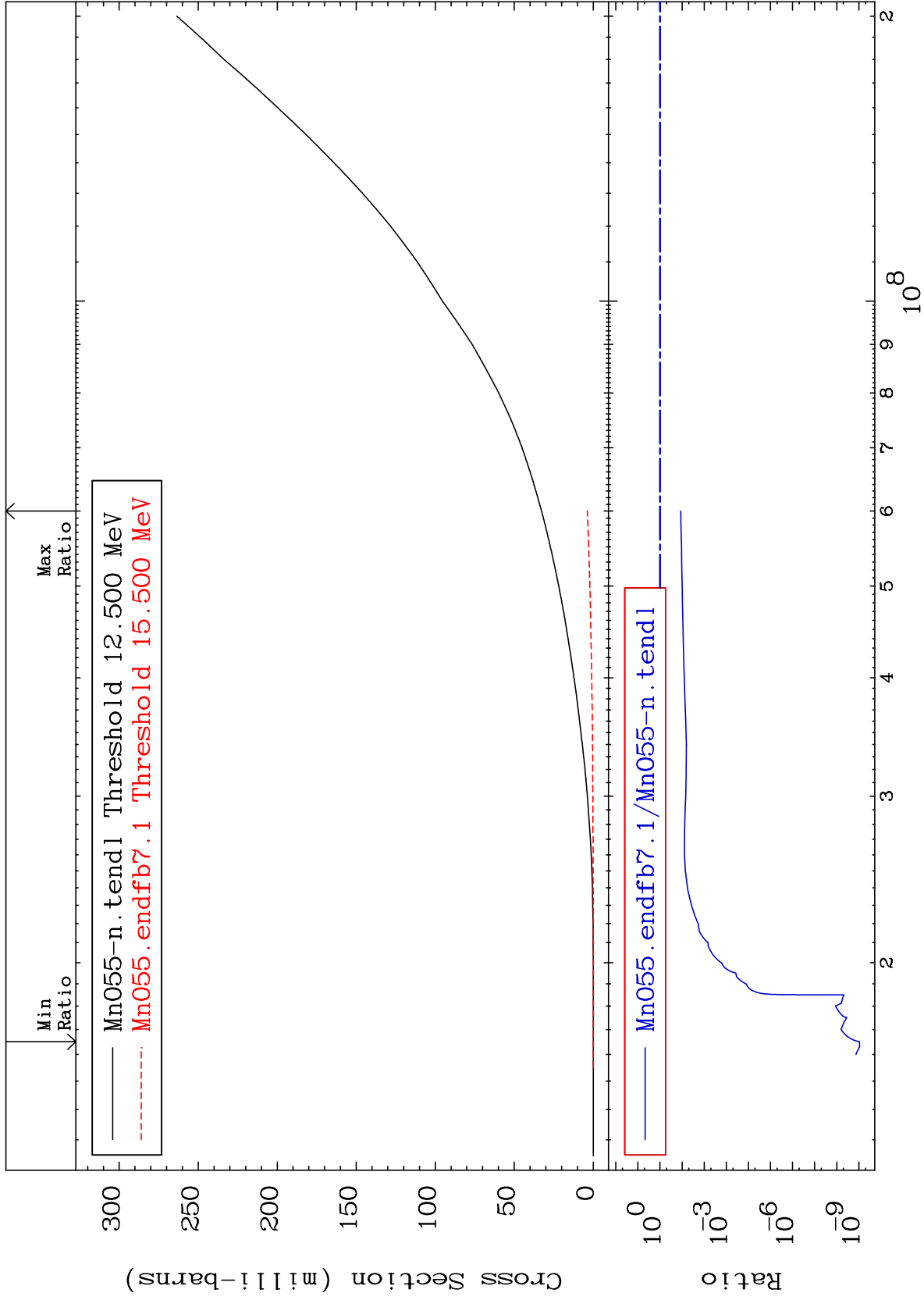
²⁵Mn-55
-100.0 To 2.391 %



MAT 2525 Tritium Production Cross Section ²⁵Mn-55 -100.0 To 6.019 %



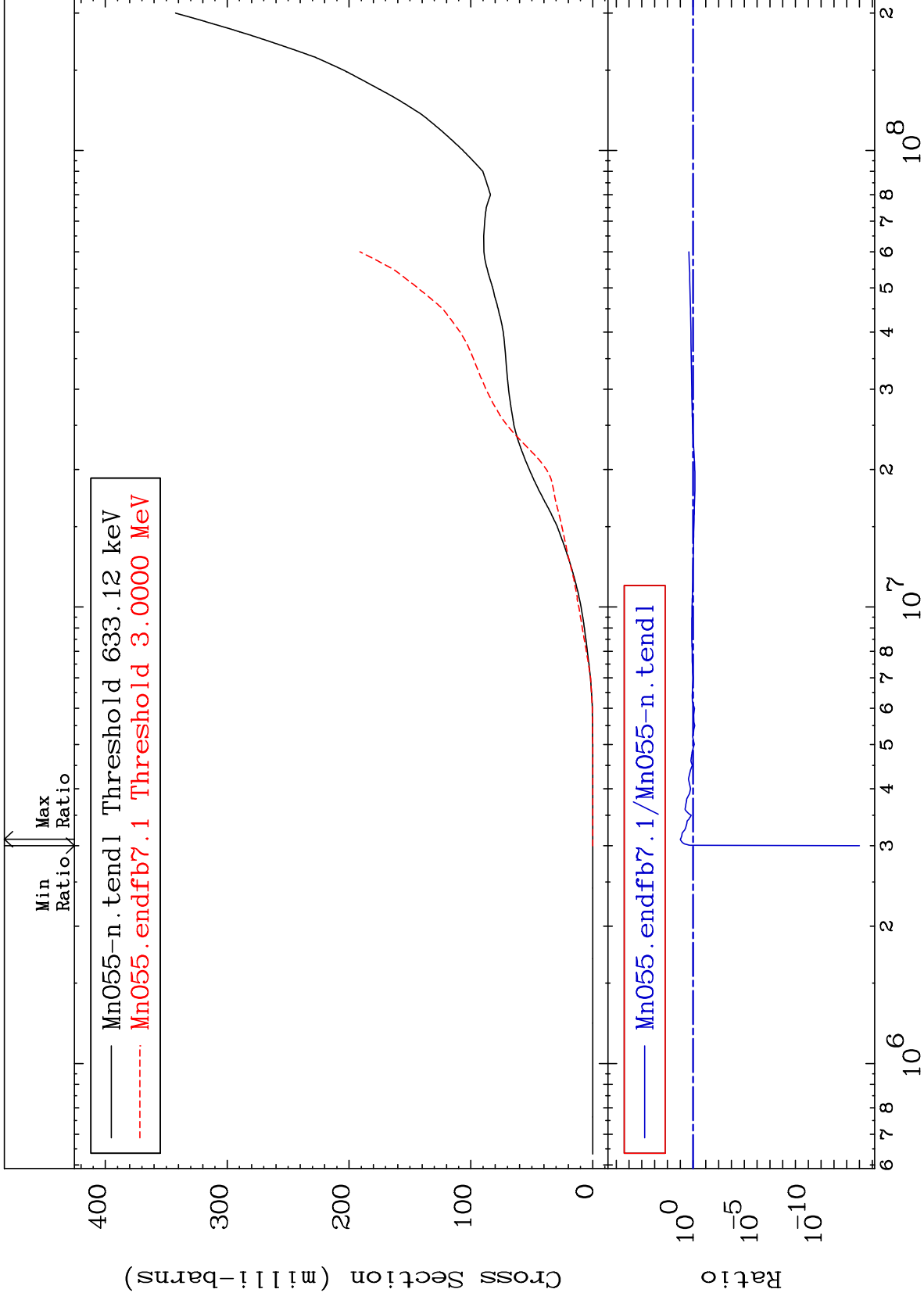
43 Incident Energy (eV) ²⁵Mn-55



MAT 2525

He-4 Production
Cross Section

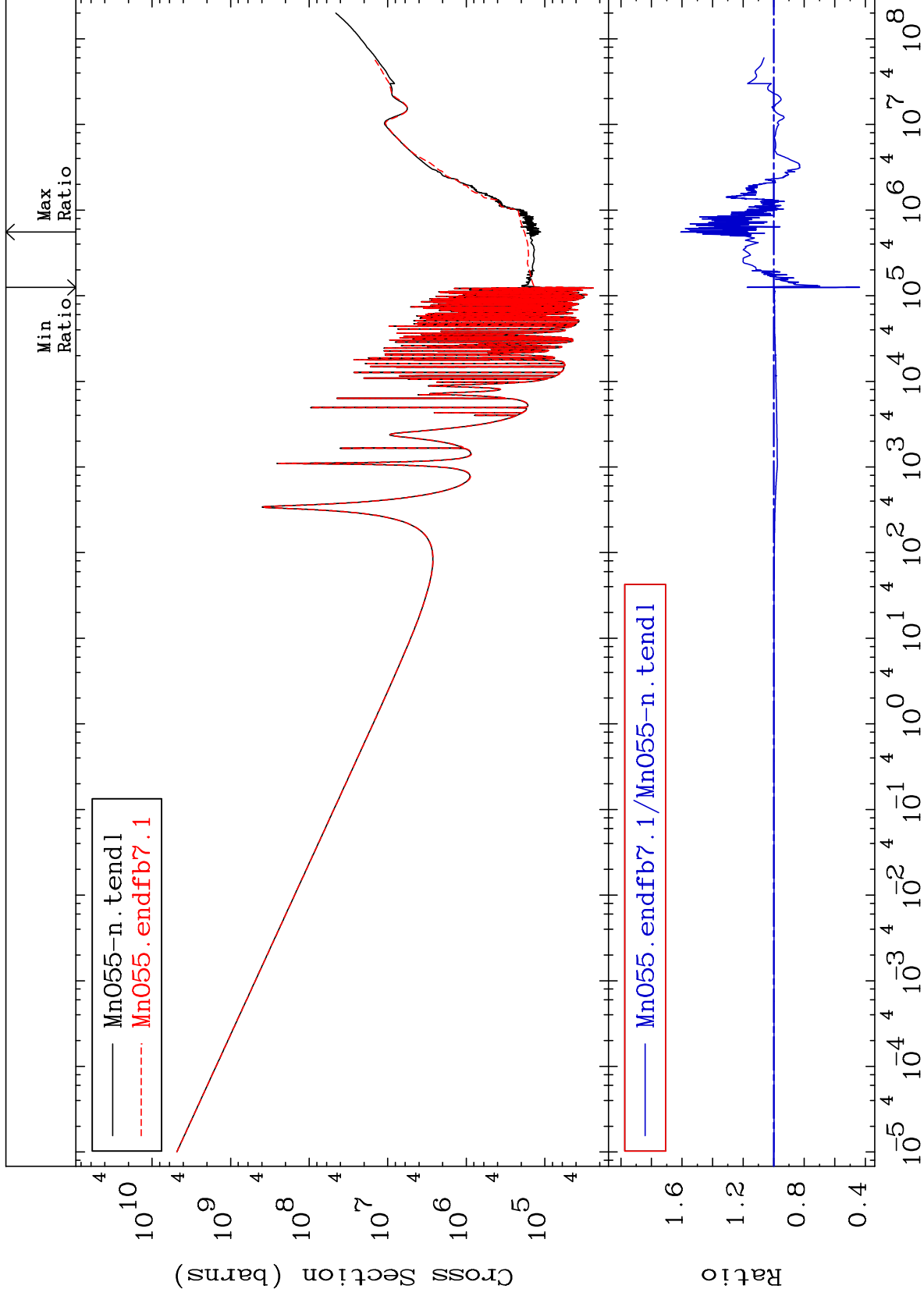
²⁵Mn-55
-100.0 To 879.5 %



45

Incident Energy (eV)

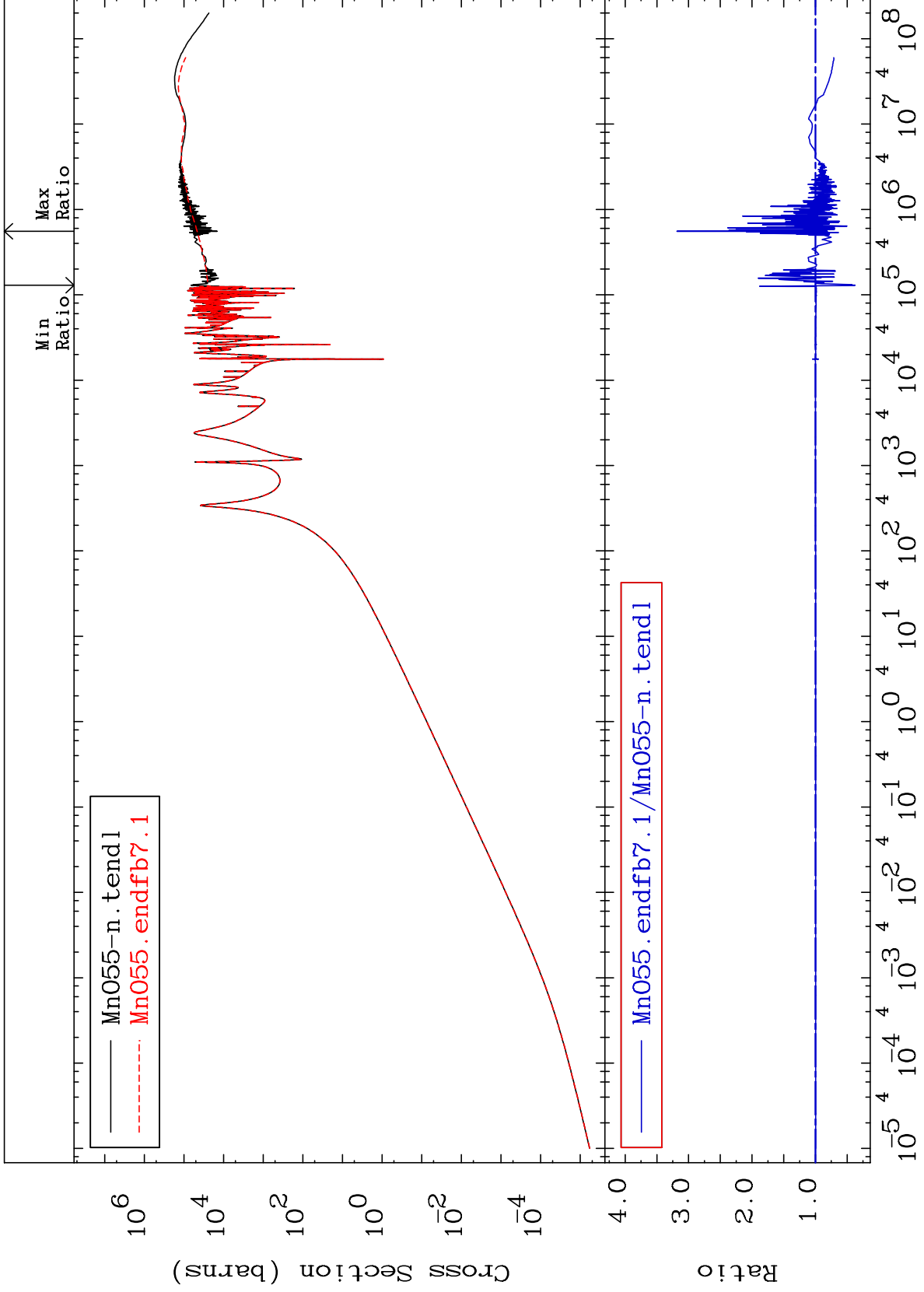
²⁵Mn-55



MAT 2525

Kerma elastic
Cross Section

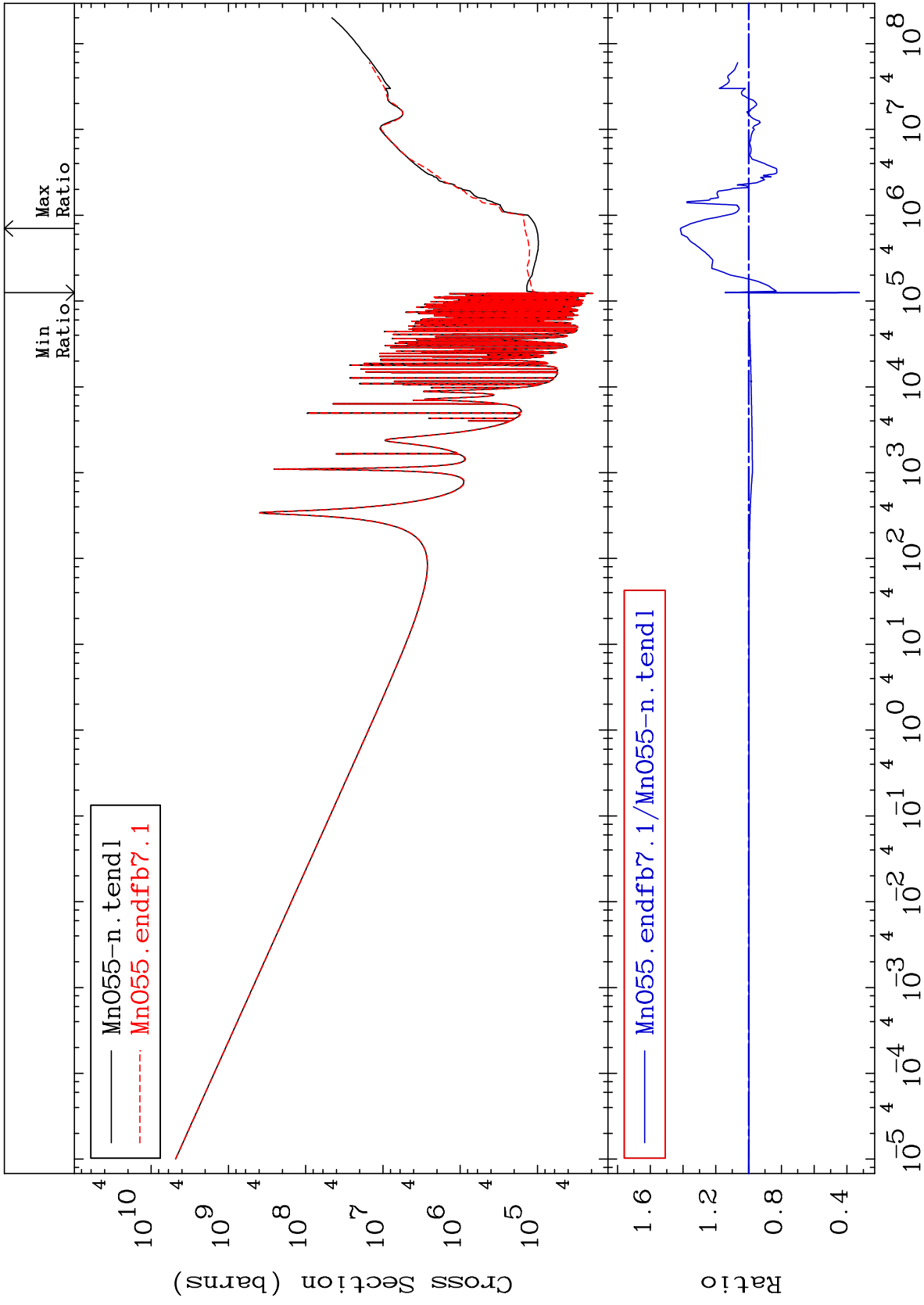
25-Mn-55
-62.47 To 218.4 %

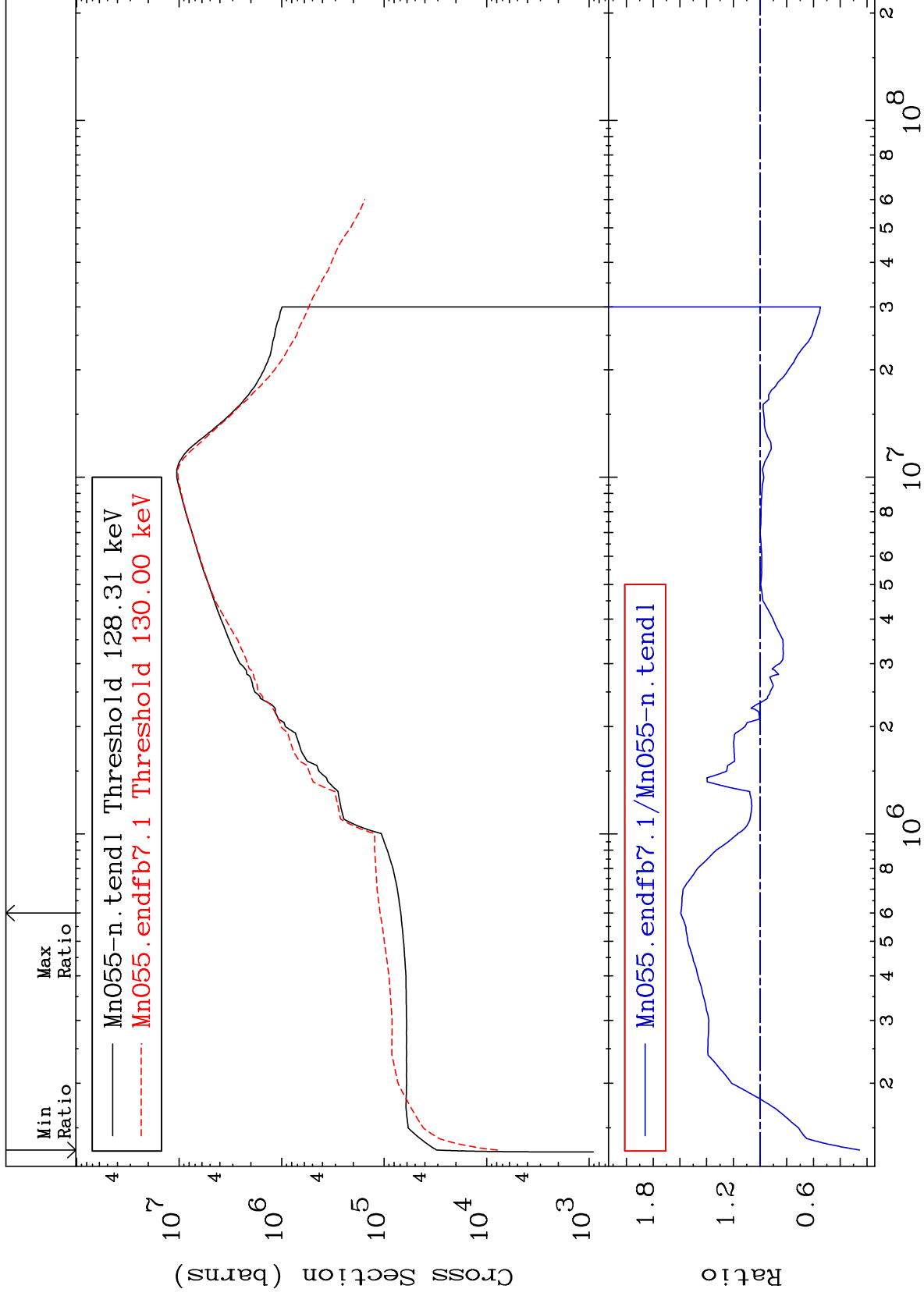


47

Incident Energy (eV)

25-Mn-55

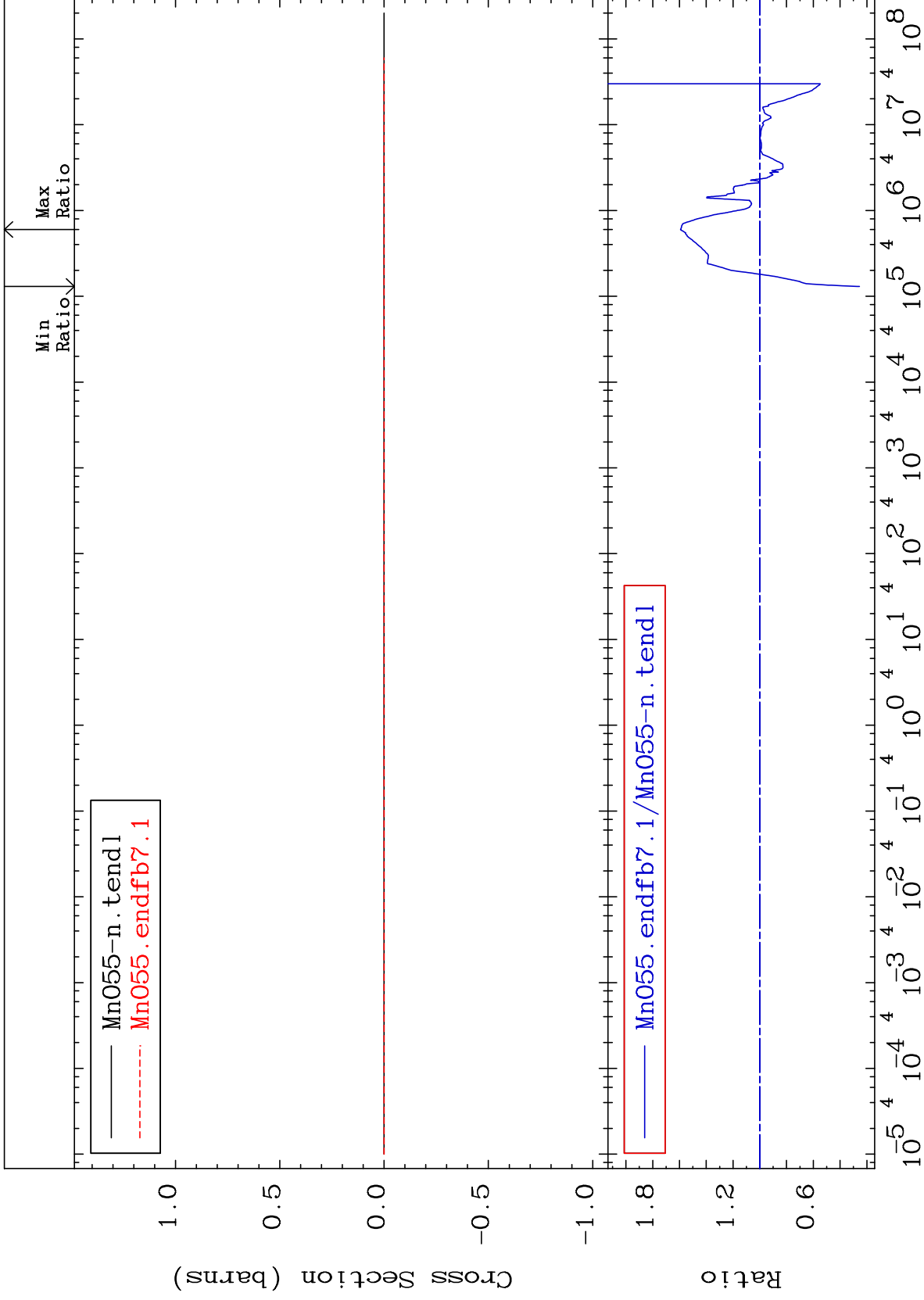




MAT 2525

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

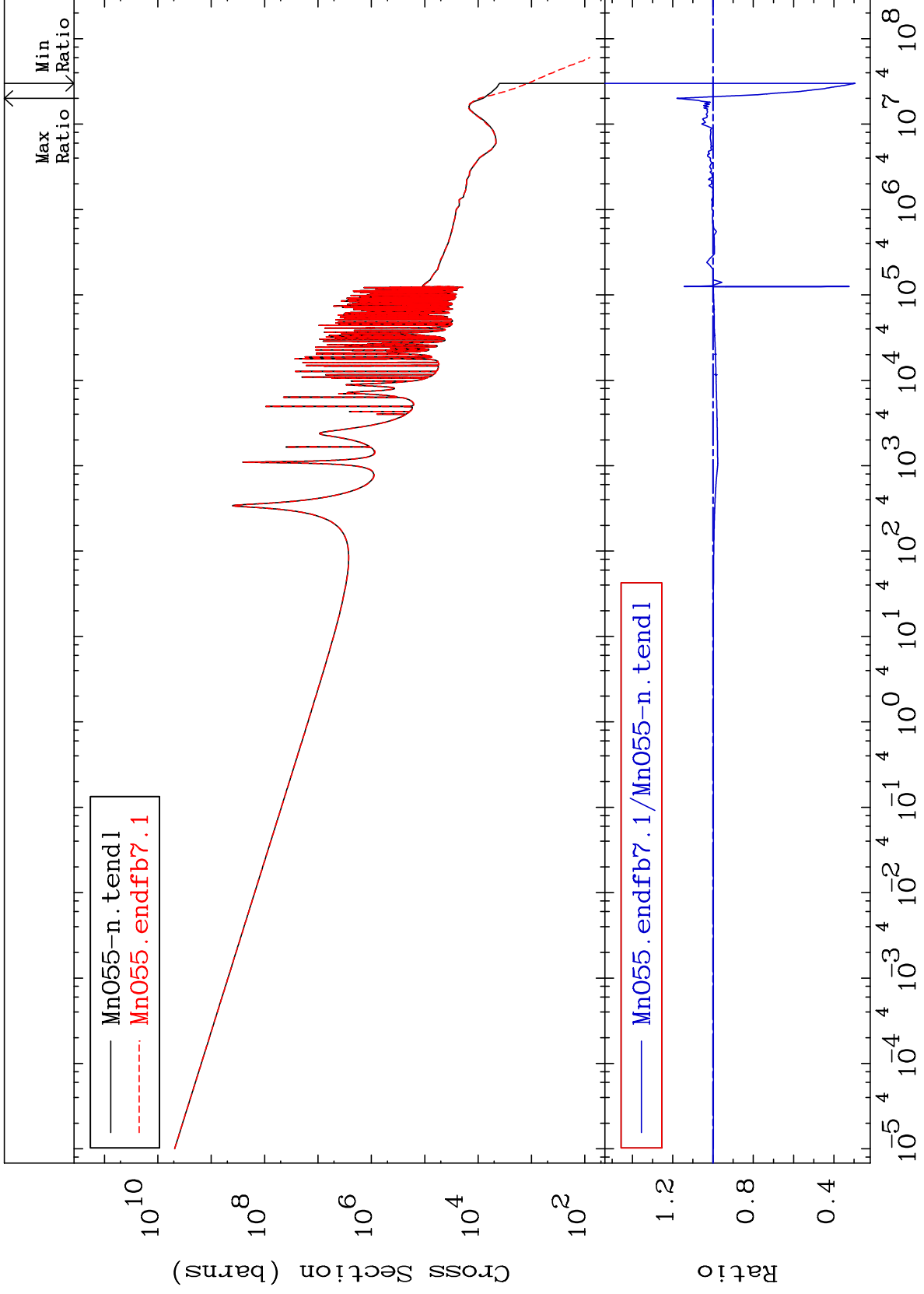
25-Mn-55
-74.46 To 59.35 %



MAT 2525

Kerma capture (mt102)
Cross Section

25-Mn-55
-70.51 To 17.90 %



51

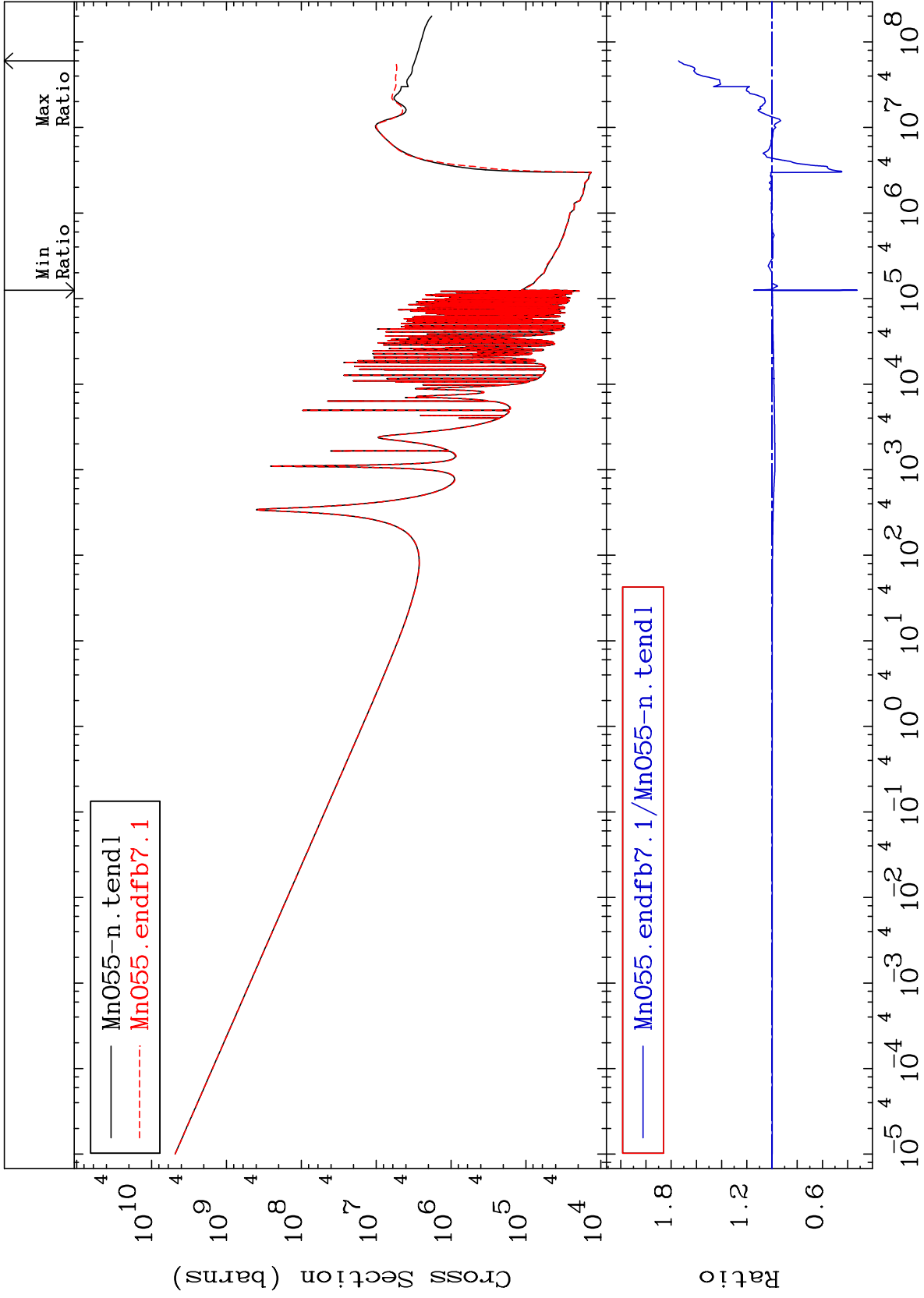
Incident Energy (eV)

25-Mn-55

MAT 2525

Total photon (eV-barns)
Cross Section

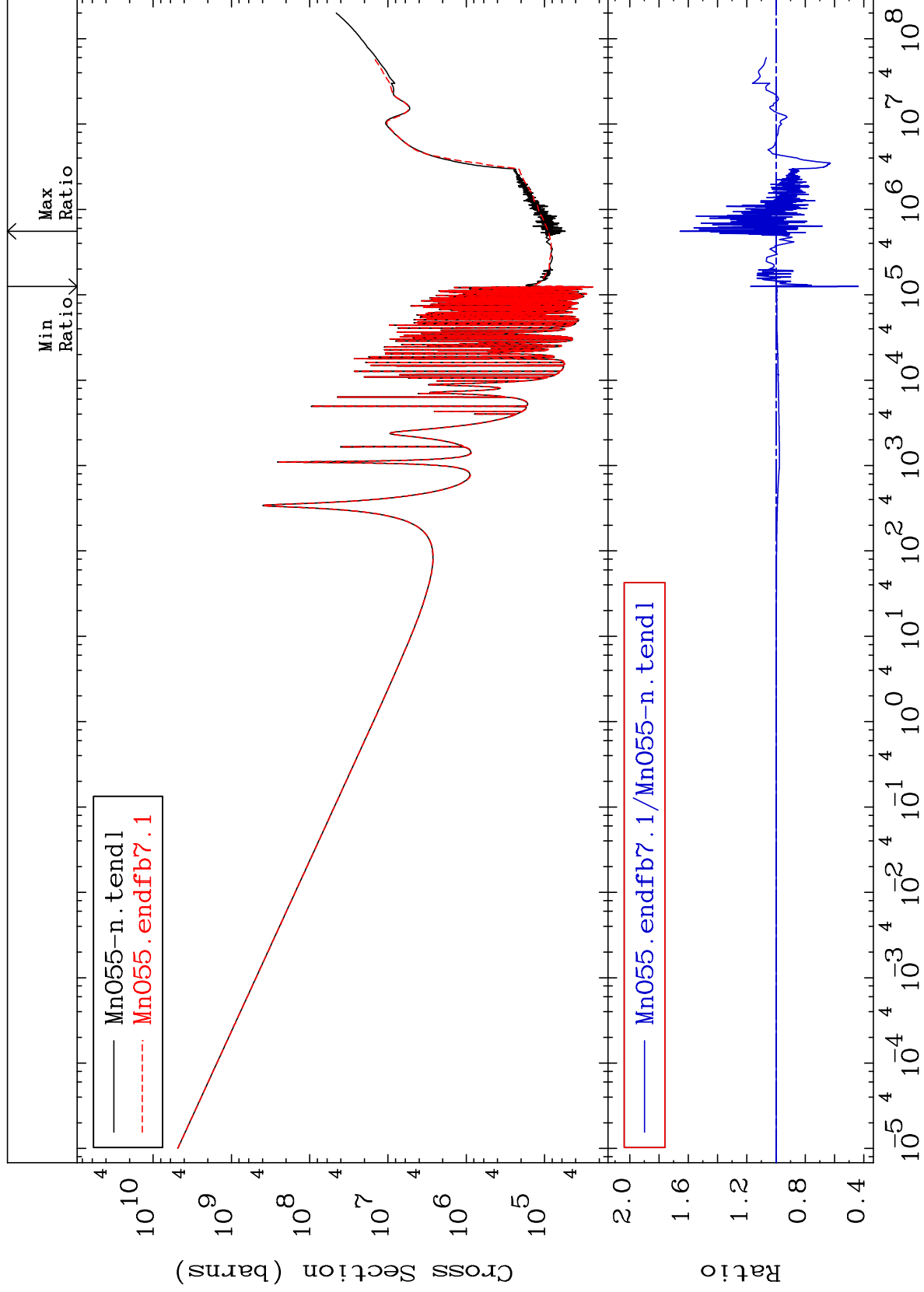
25-Mn-55
-67.62 To 74.09 %



MAT 2525

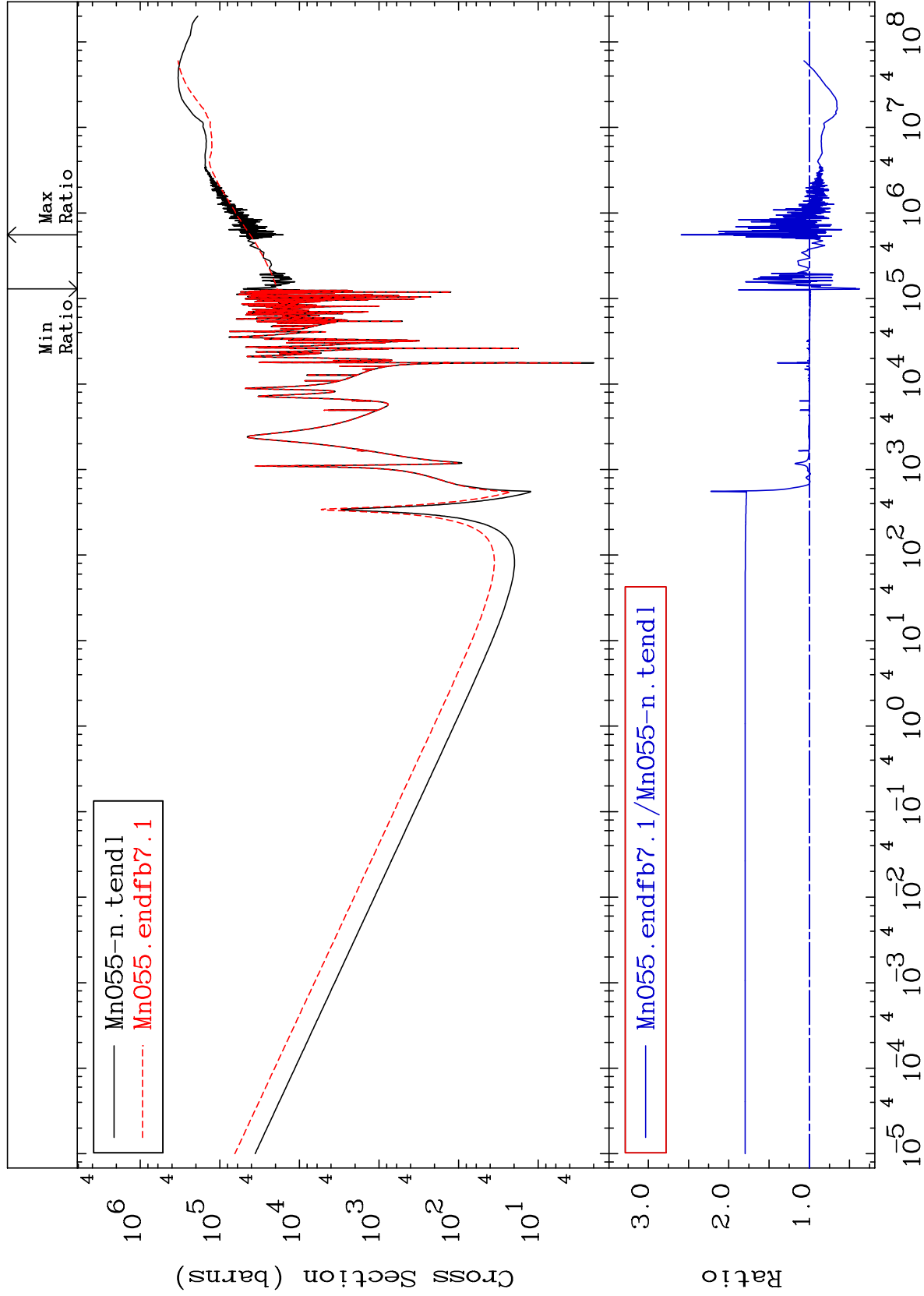
Total kinematic kerma (high limit)
Cross Section

25-Mn-55
-56.18 To 65.64 %



Cross Section

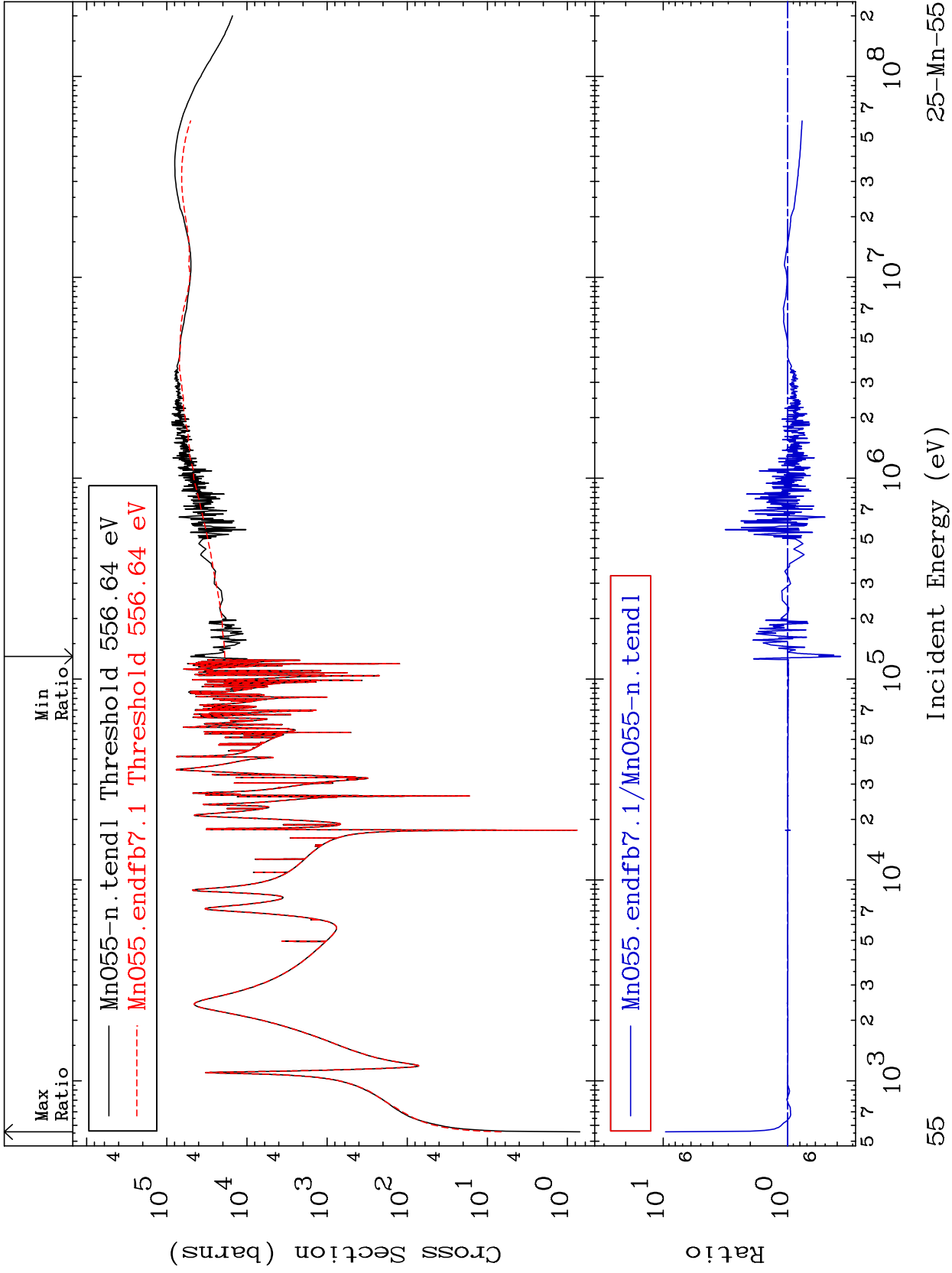
-62.53 To 159.1 %

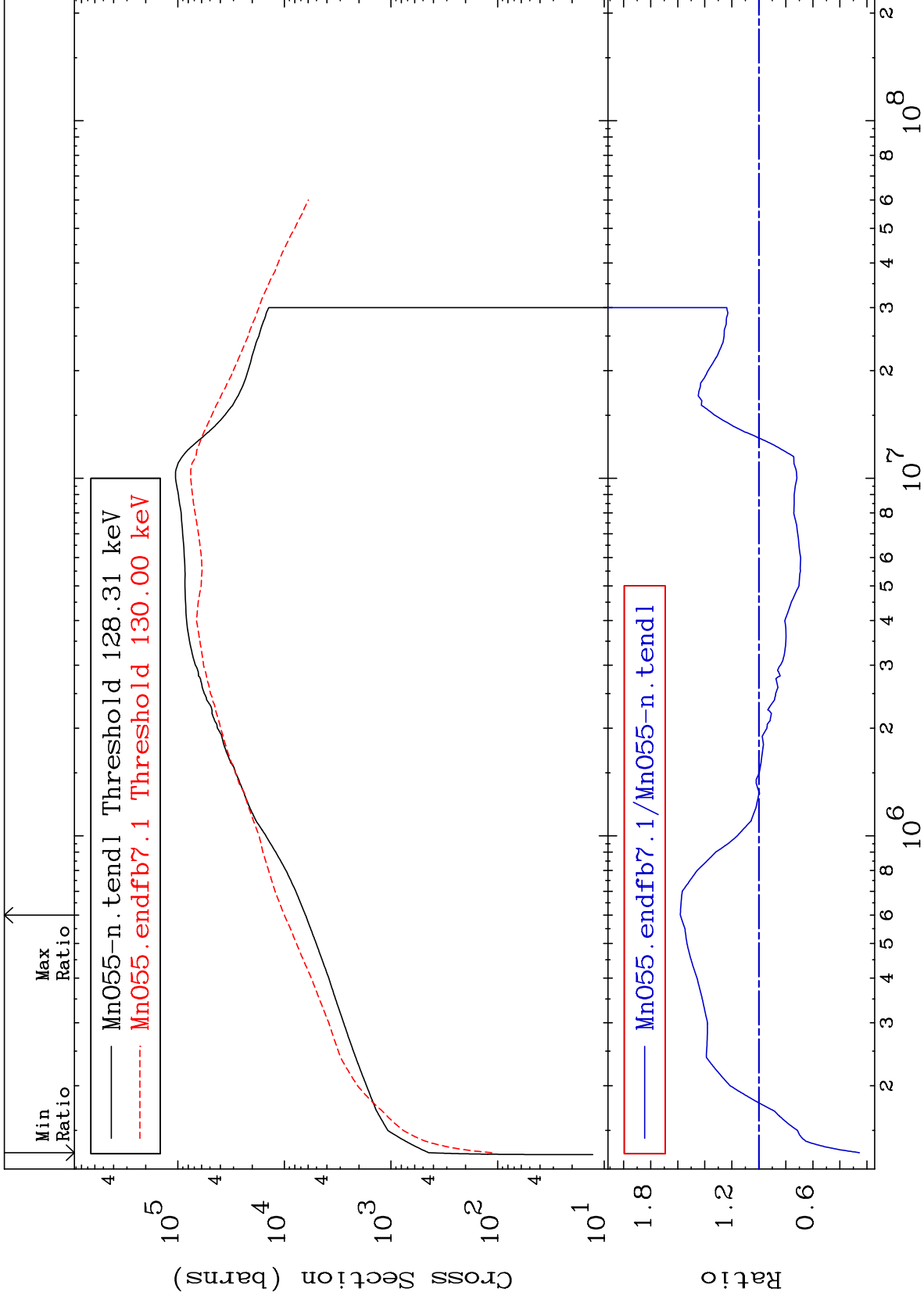


MAT 2525

Dpa elastic (mt2)
Cross Section

25-Mn-55
-62.45 To 859.2 %





MAT 2525

Dpa disappearance (mt102 -120)
Cross Section

25-Mn-55
-89.55 To 79.97 %

