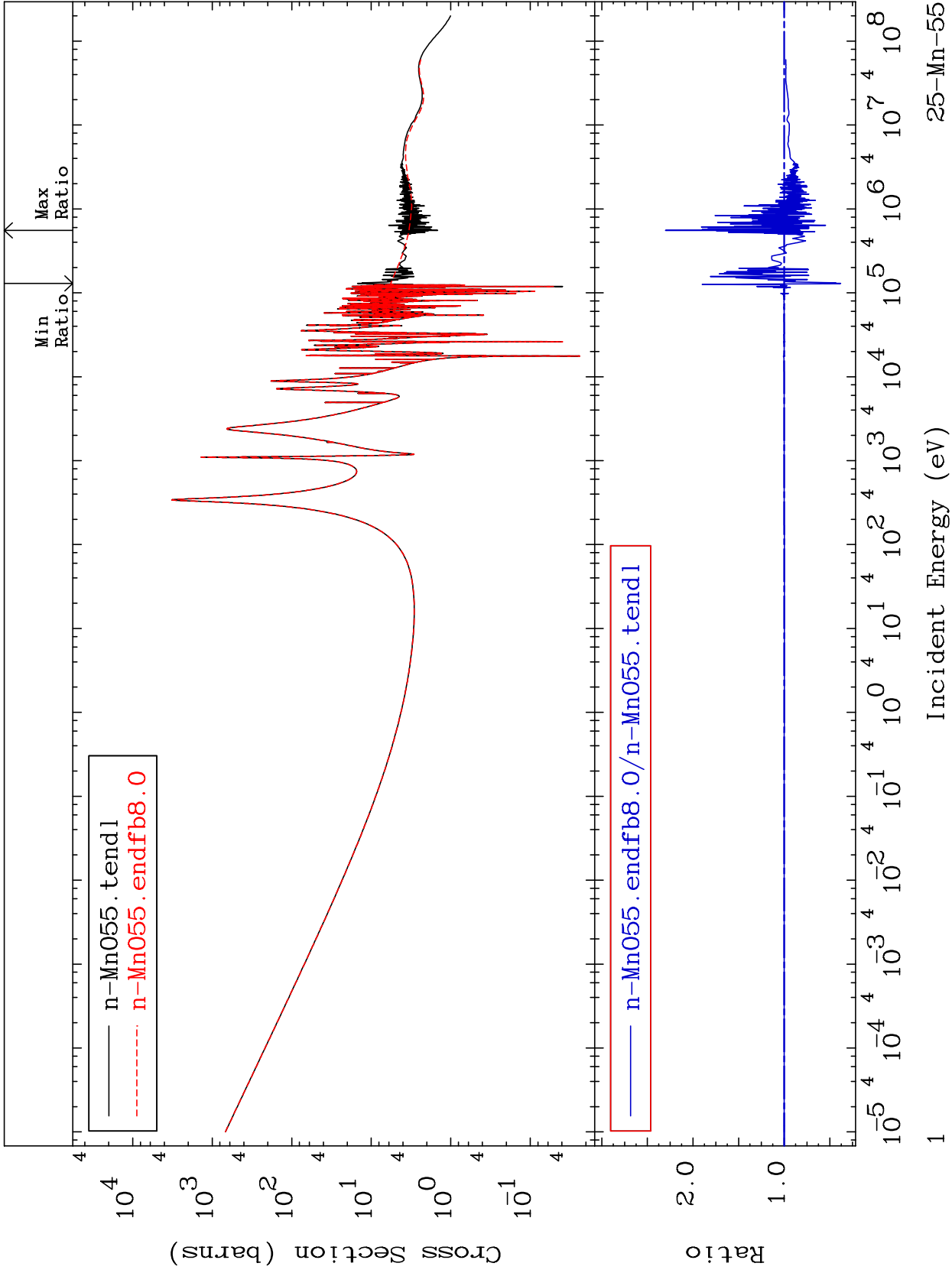


MAT 2525

Total
Cross Section

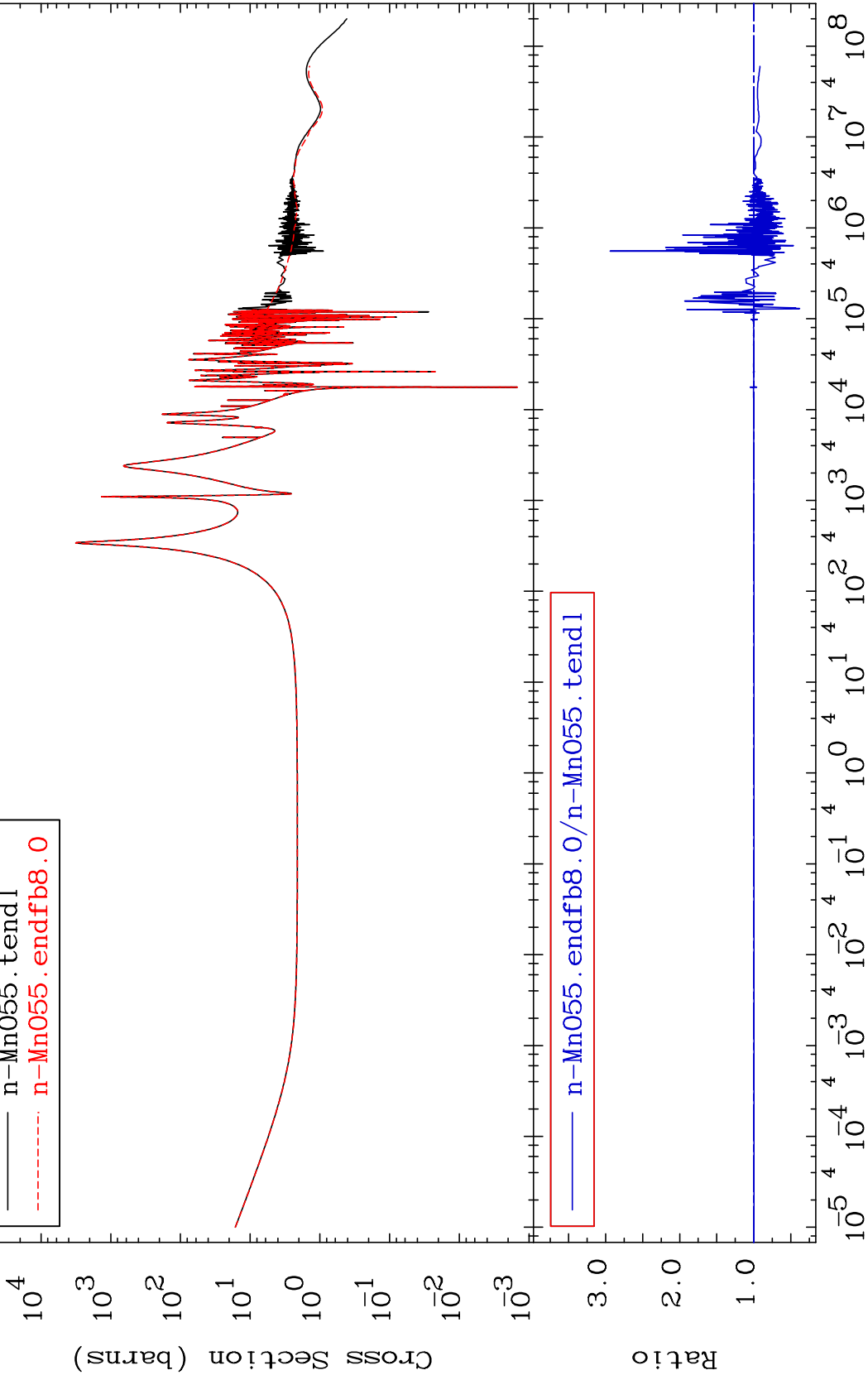
25-Mn-55
-61.94 To 130.1 %



MAT 2525

Elastic
Cross Section

25-Mn-55
-61.98 To 194.0 %



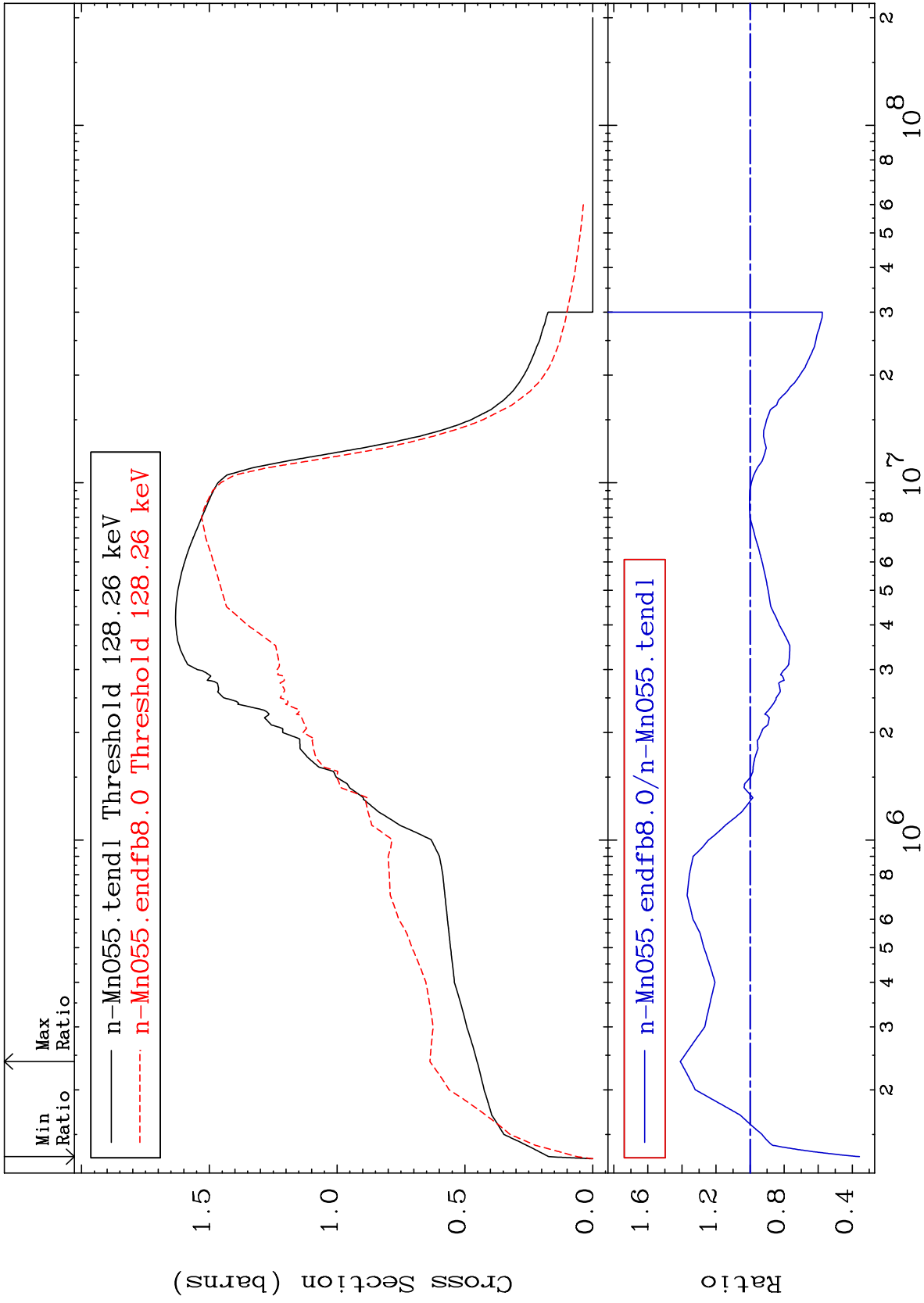
Incident Energy (eV)

25-Mn-55

MAT 2525

Inelastic
Cross Section

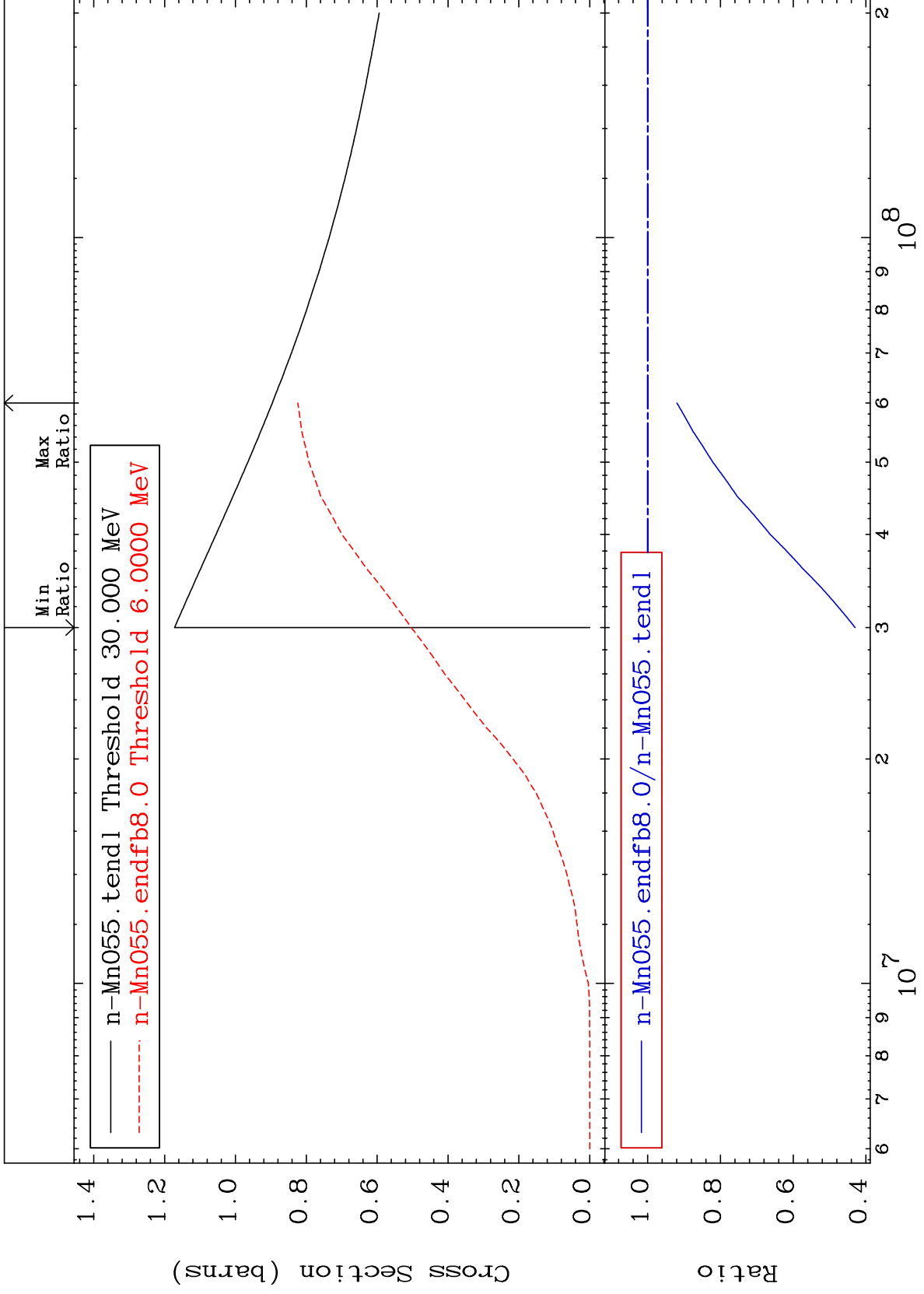
²⁵Mn-55
-64.20 To 40.94 %



MAT 2525

(n, remainder)
Cross Section

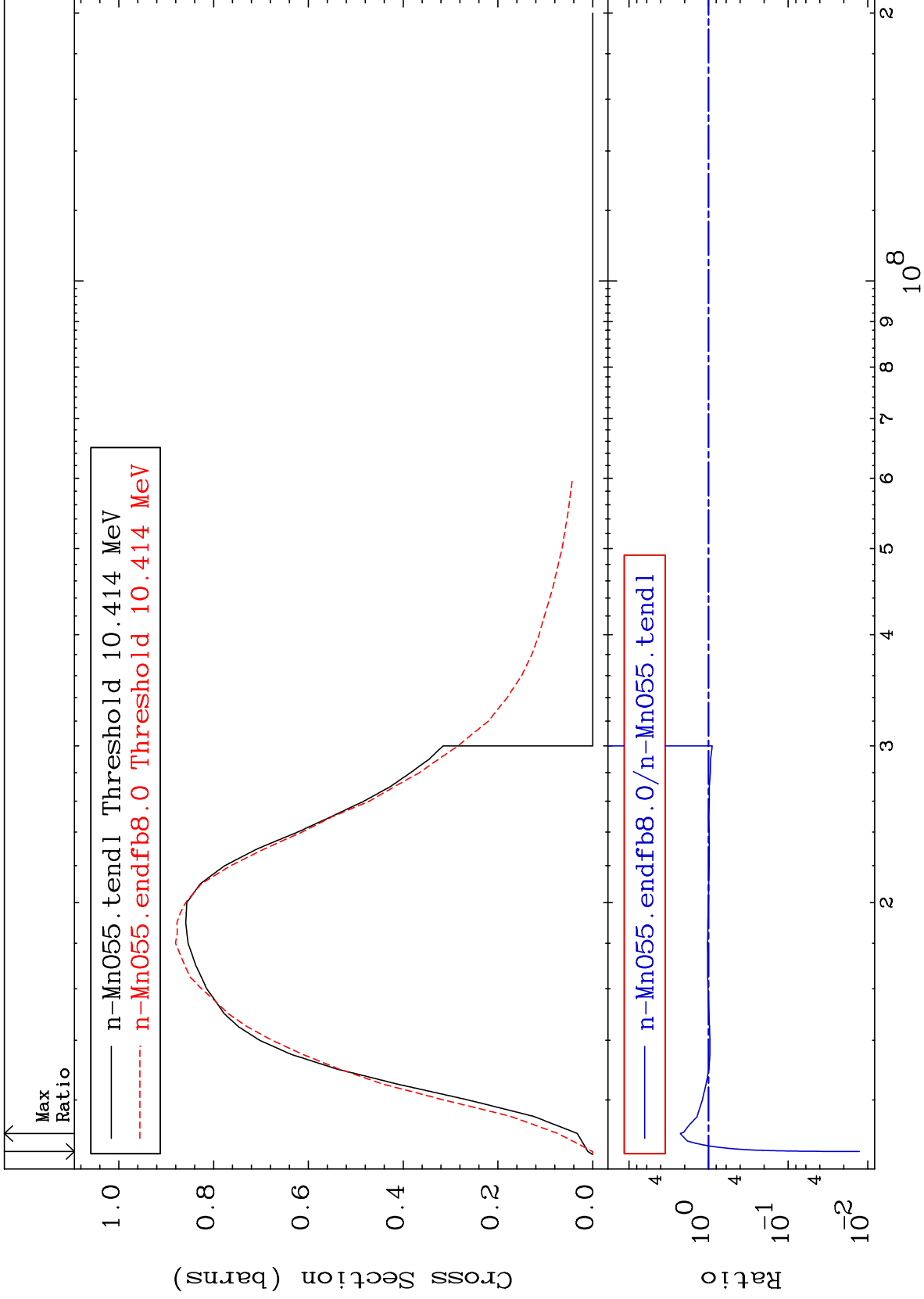
25-Mn-55
-57.01 To -8.043%



MAT 2525

(n,2n)
Cross Section

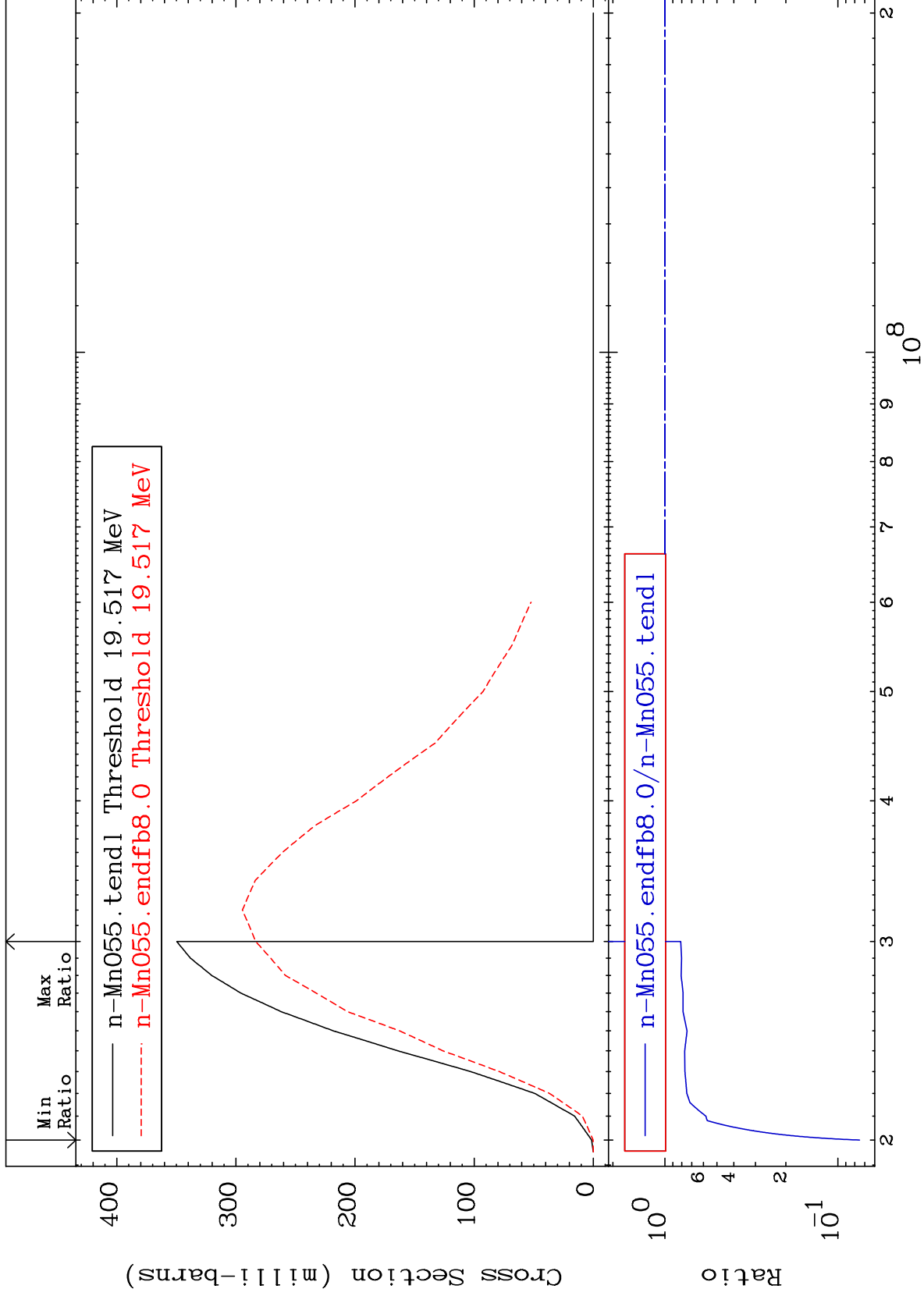
²⁵Mn-55
-98.73 To 126.2 %



MAT 2525

(n,3n)
Cross Section

25-Mn-55
-92.50 To -18.97%



6

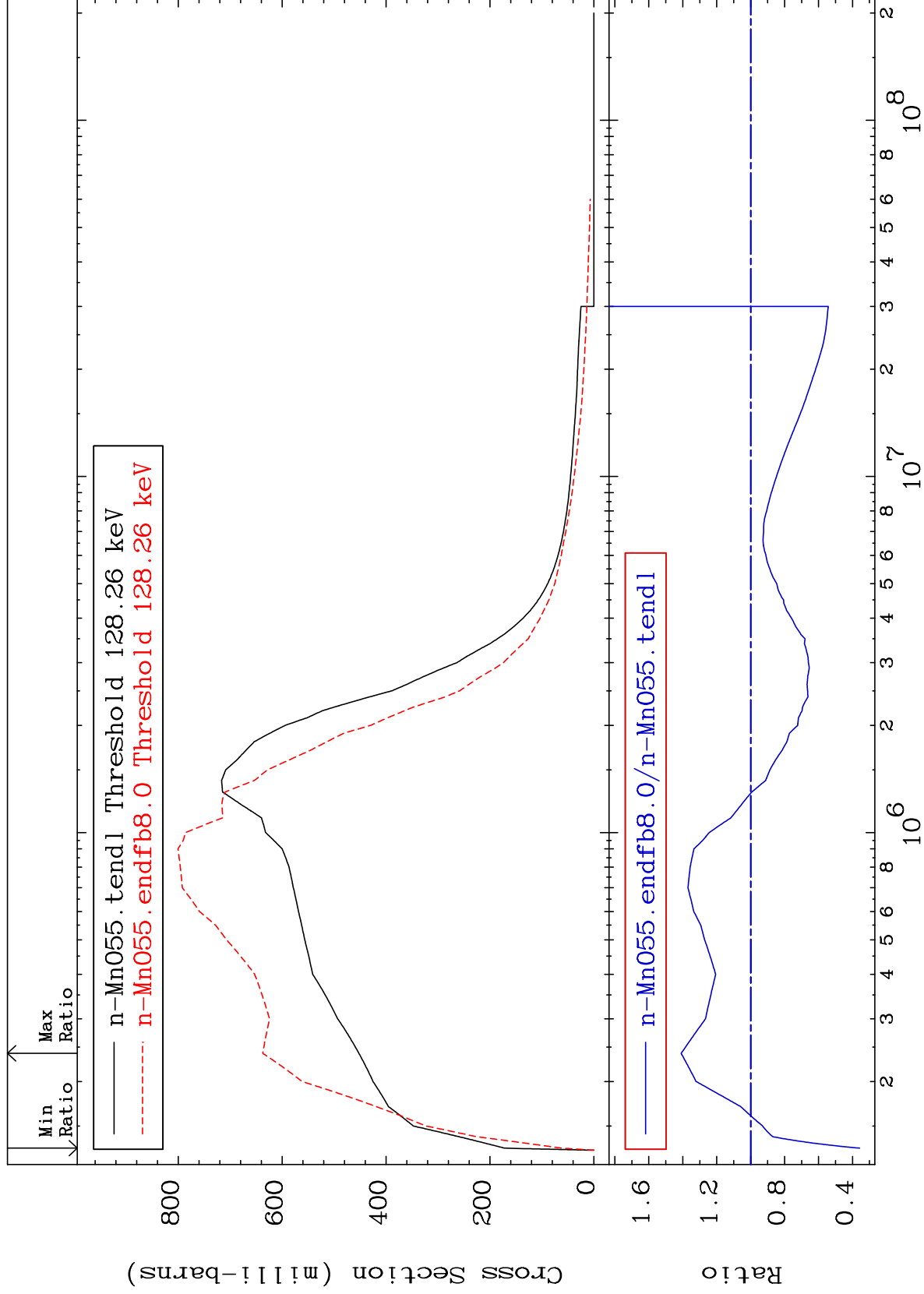
Incident Energy (eV)

25-Mn-55

MAT 2525

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

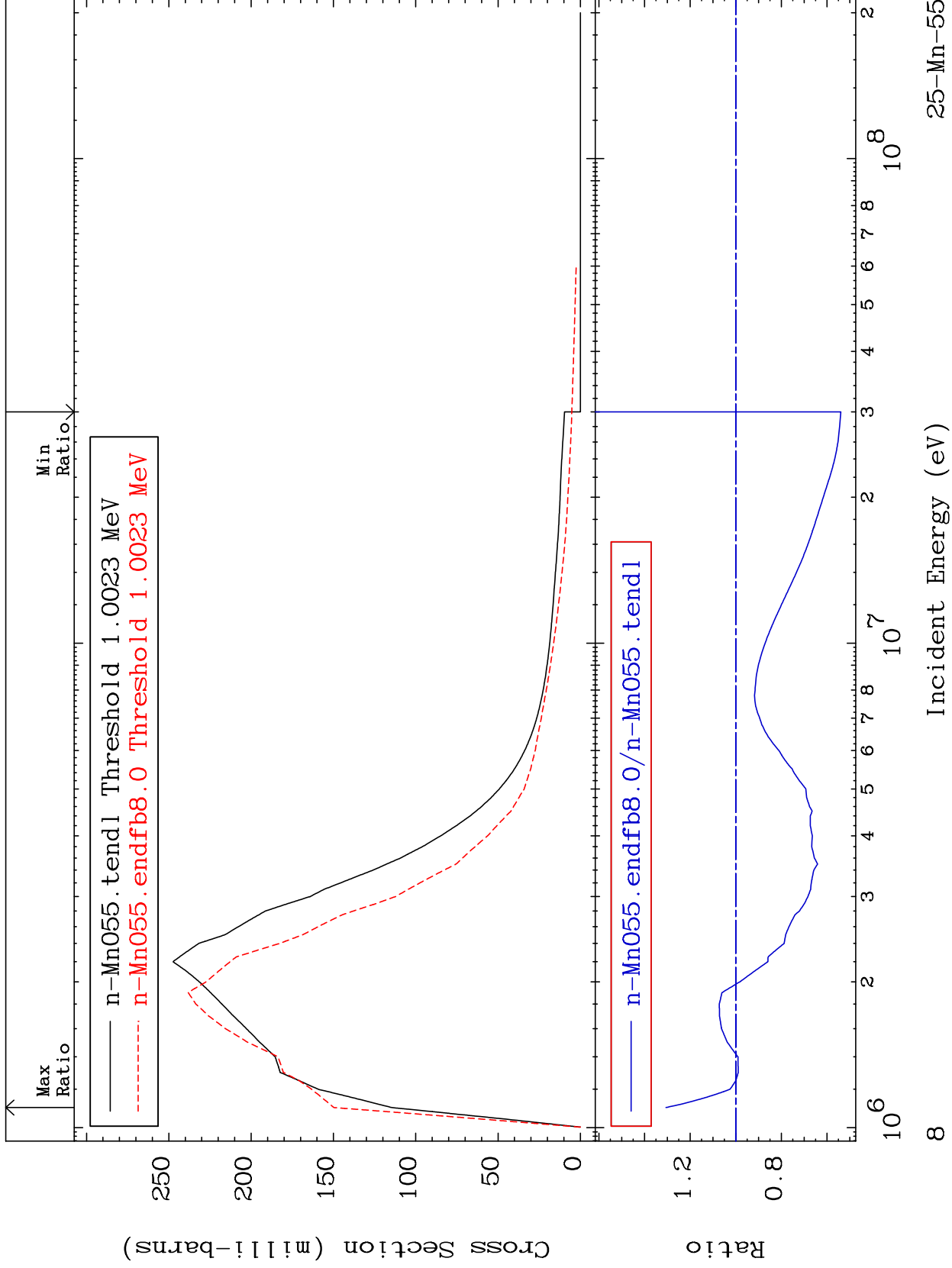
25-Mn-55
-64.20 To 40.94 %



MAT 2525

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

25-Mn-55
-46.08 To 30.63 %

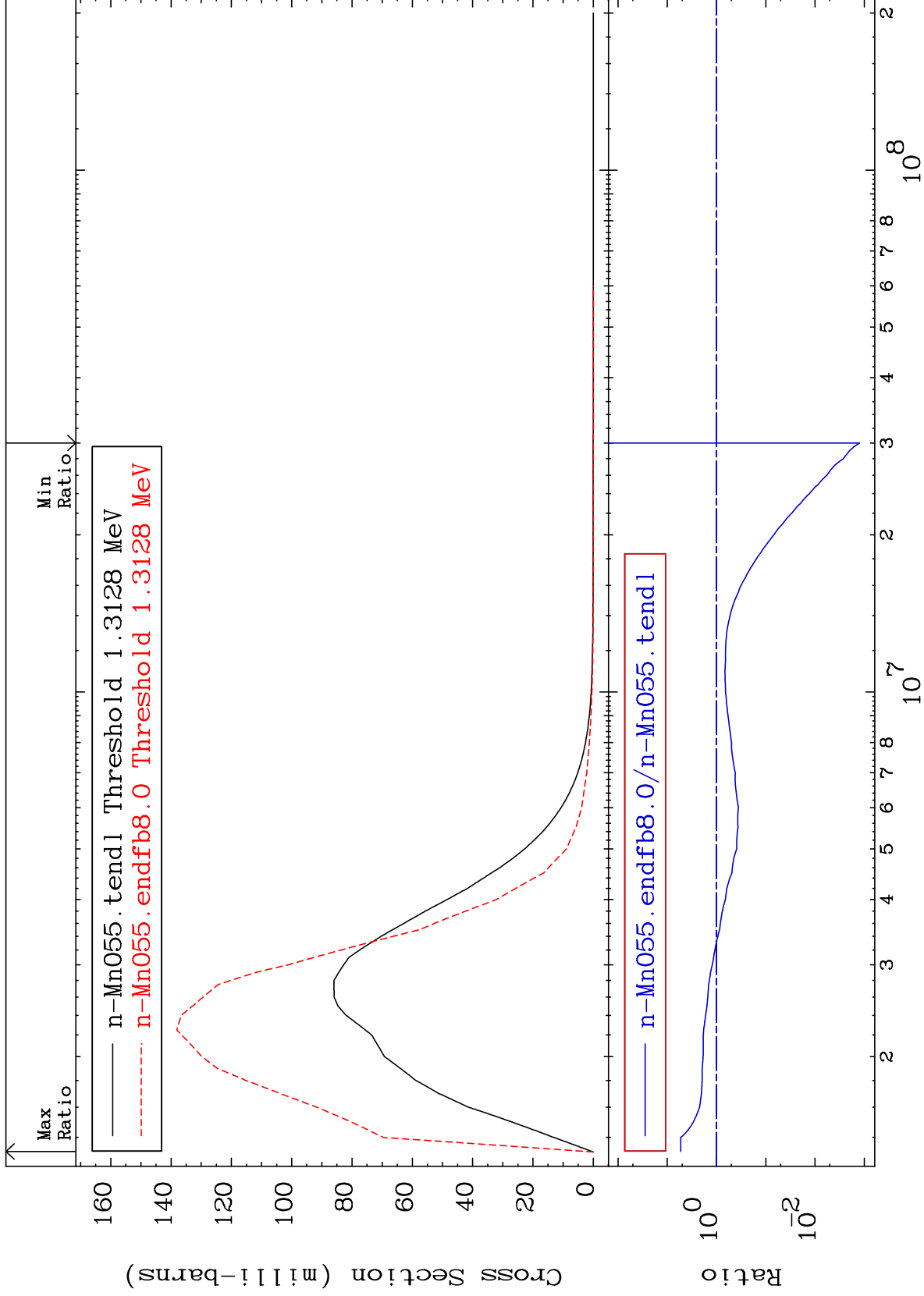


25-Mn-55

MAT 2525

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

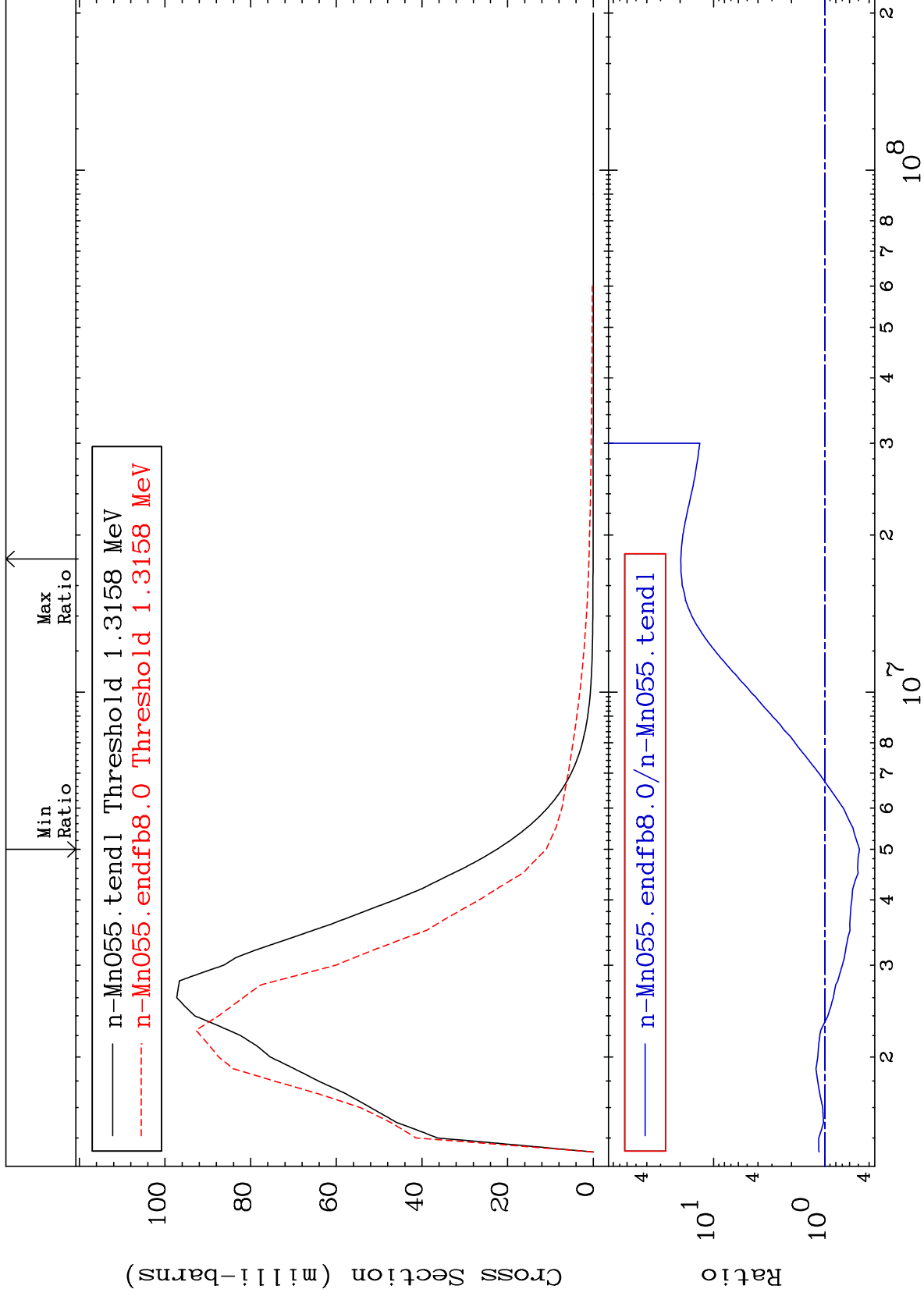
25-Mn-55
-99.88 To 432.4 %



MAT 2525

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

25-Mn-55
-51.15 To 1876. %



10

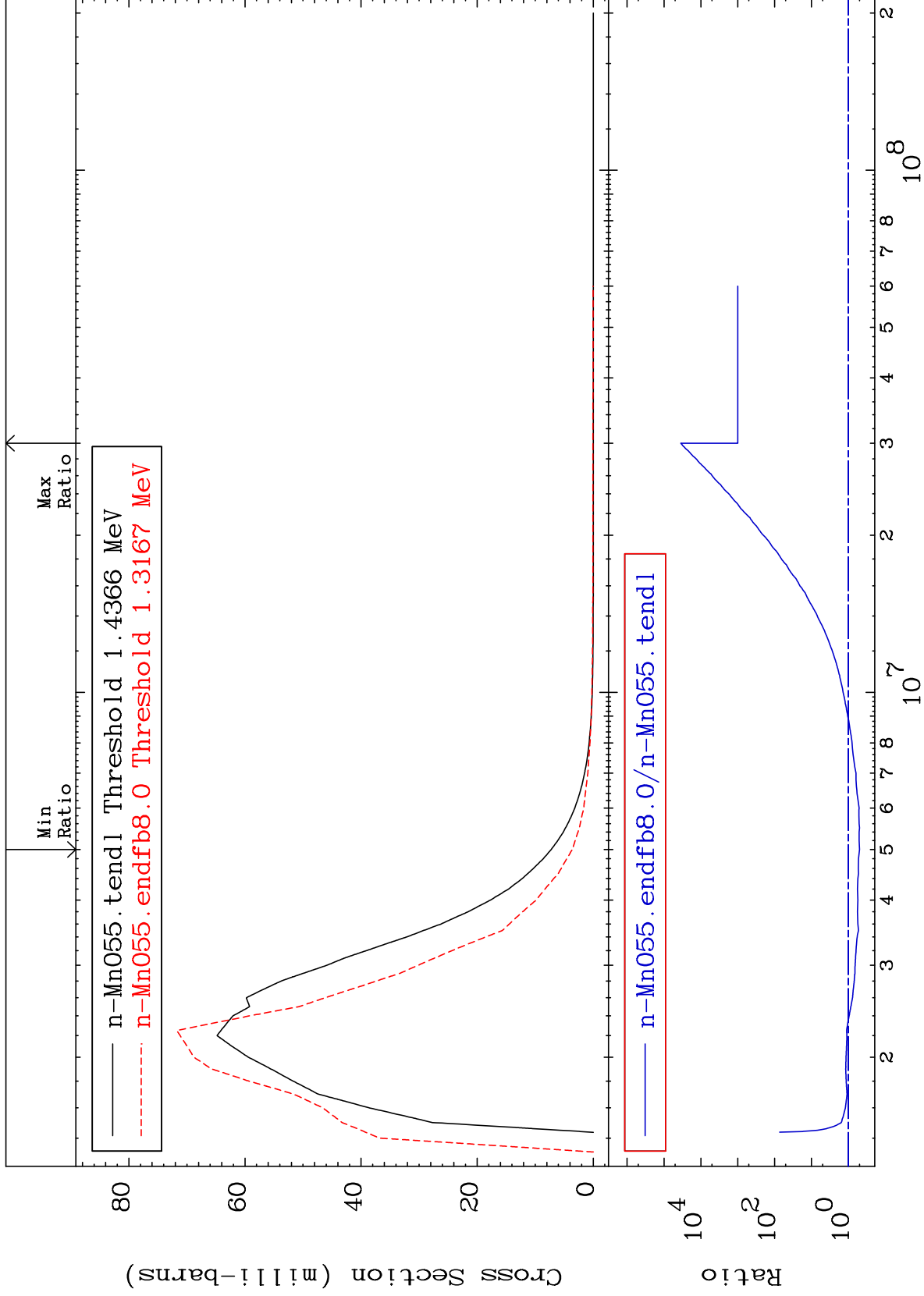
Incident Energy (eV)

25-Mn-55

MAT 2525

MT= 55 (n,n') Level
Cross Section

25-Mn-55
-50.15 To 9999. %



11

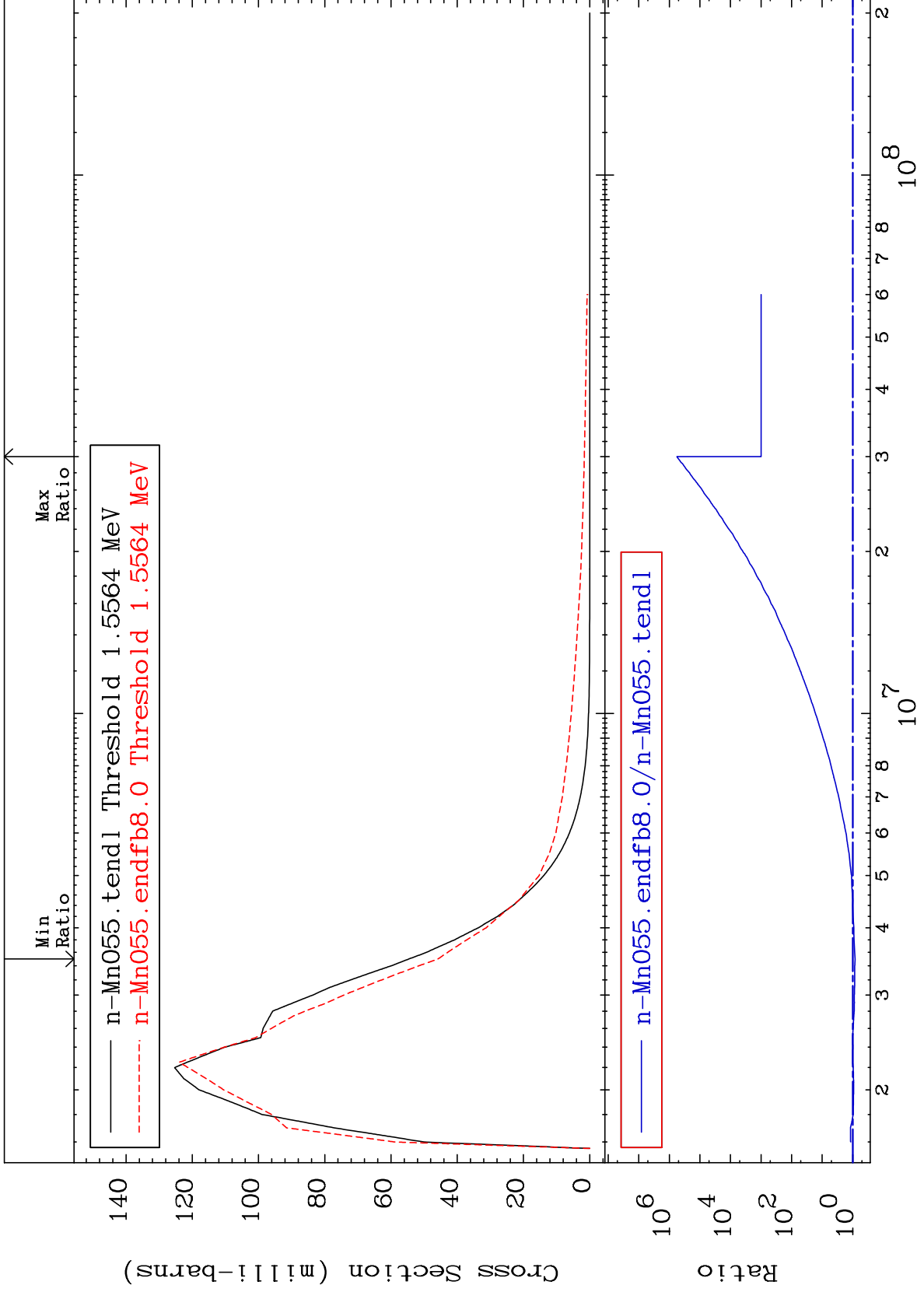
Incident Energy (eV)

25-Mn-55

MAT 2525

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

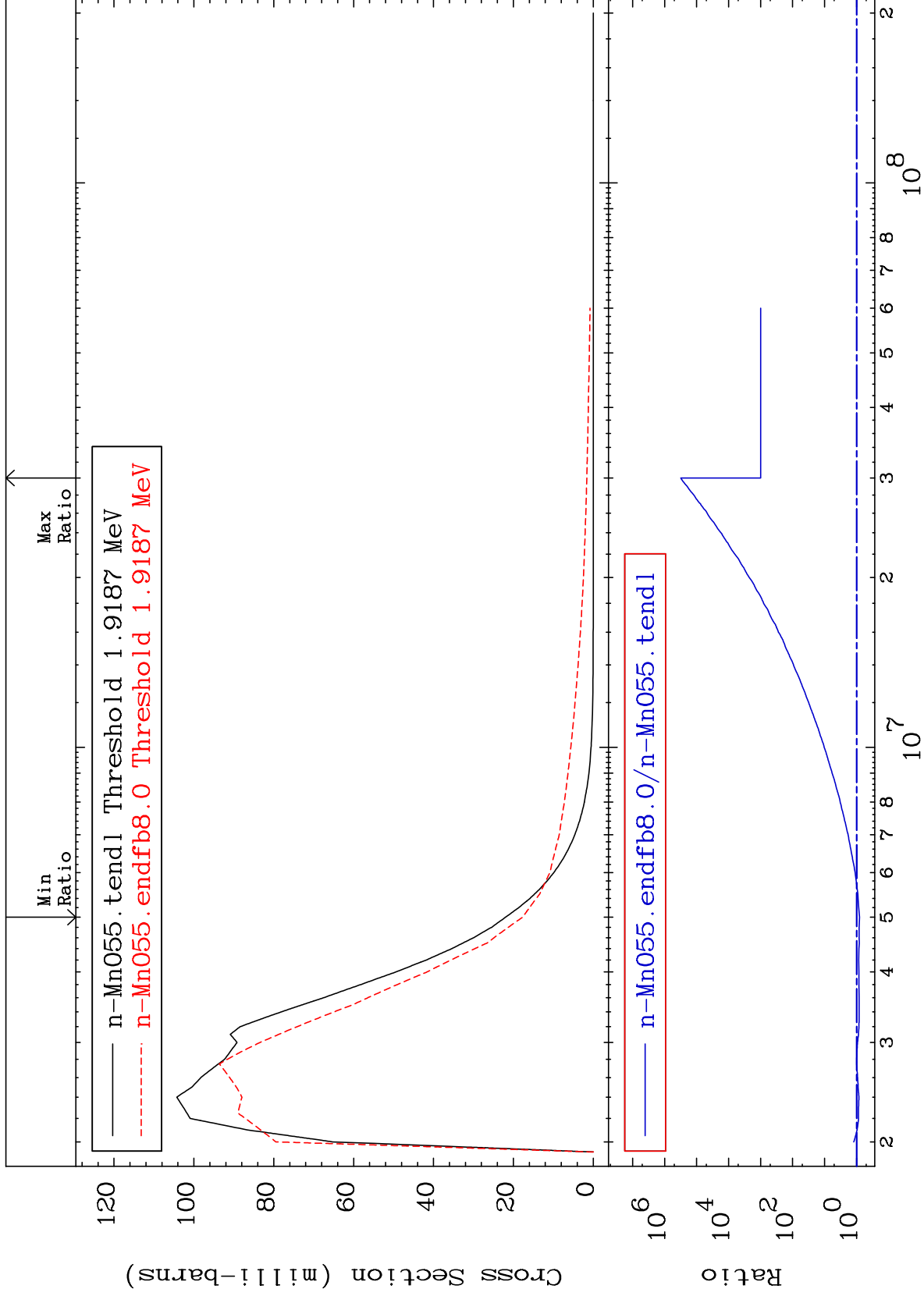
25-Mn-55
-16.05 To 9999. %



MAT 2525

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

²⁵Mn-55
-19.43 To 9999. %



13

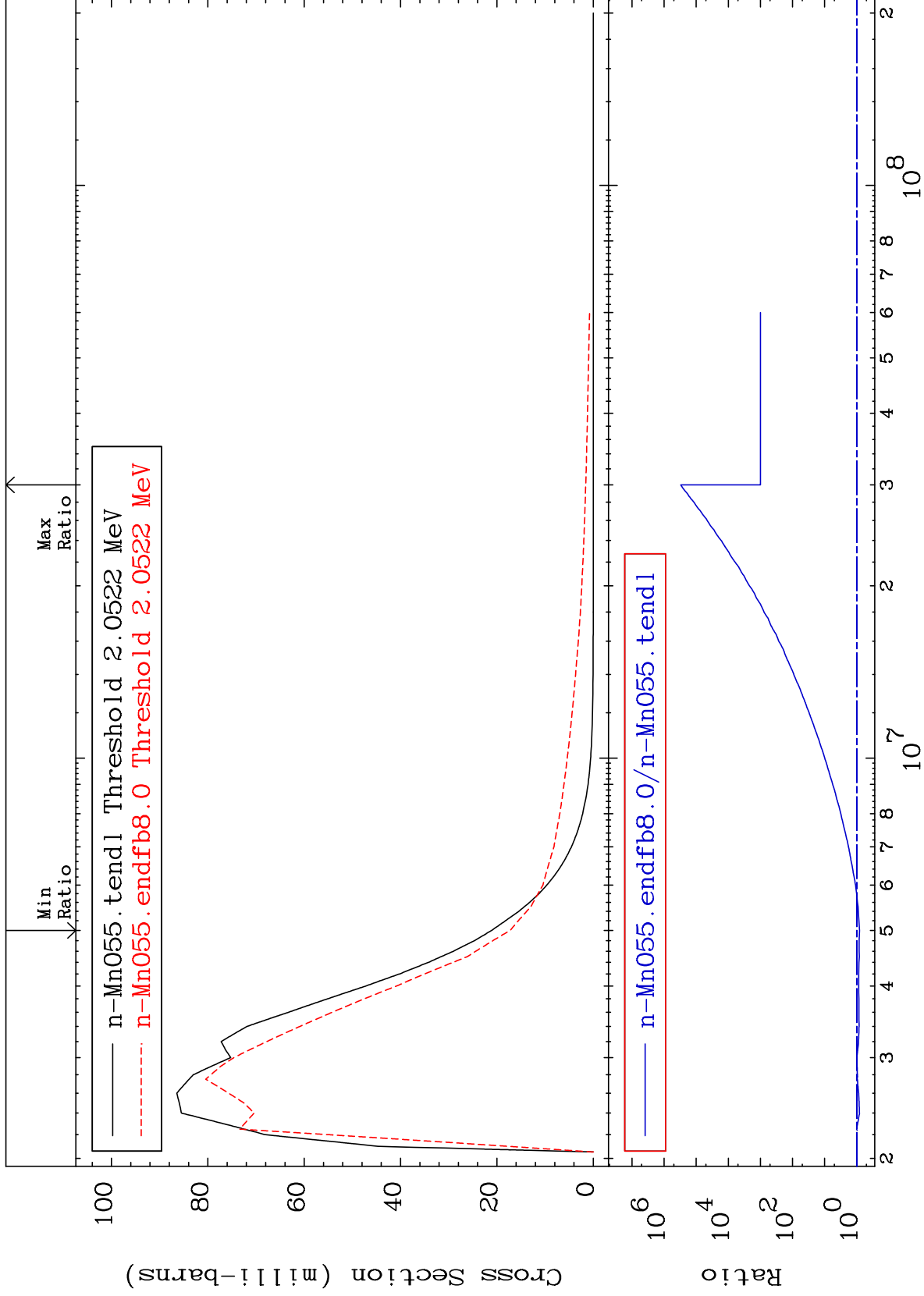
Incident Energy (eV)

²⁵Mn-55

MAT 2525

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

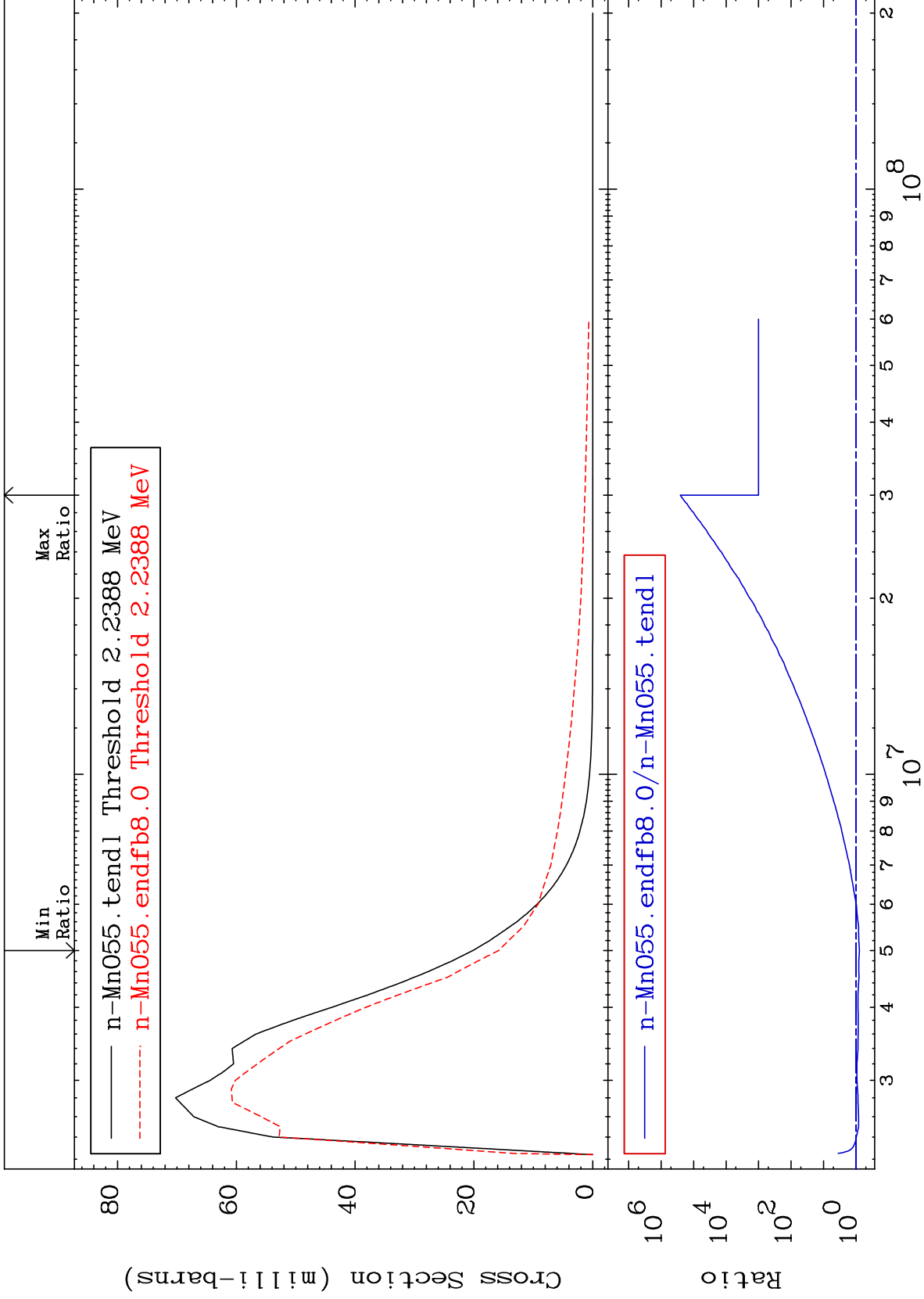
25-Mn-55
-18.12 To 9999. %



MAT 2525

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

25-Mn-55
-21.49 To 9999. %



15

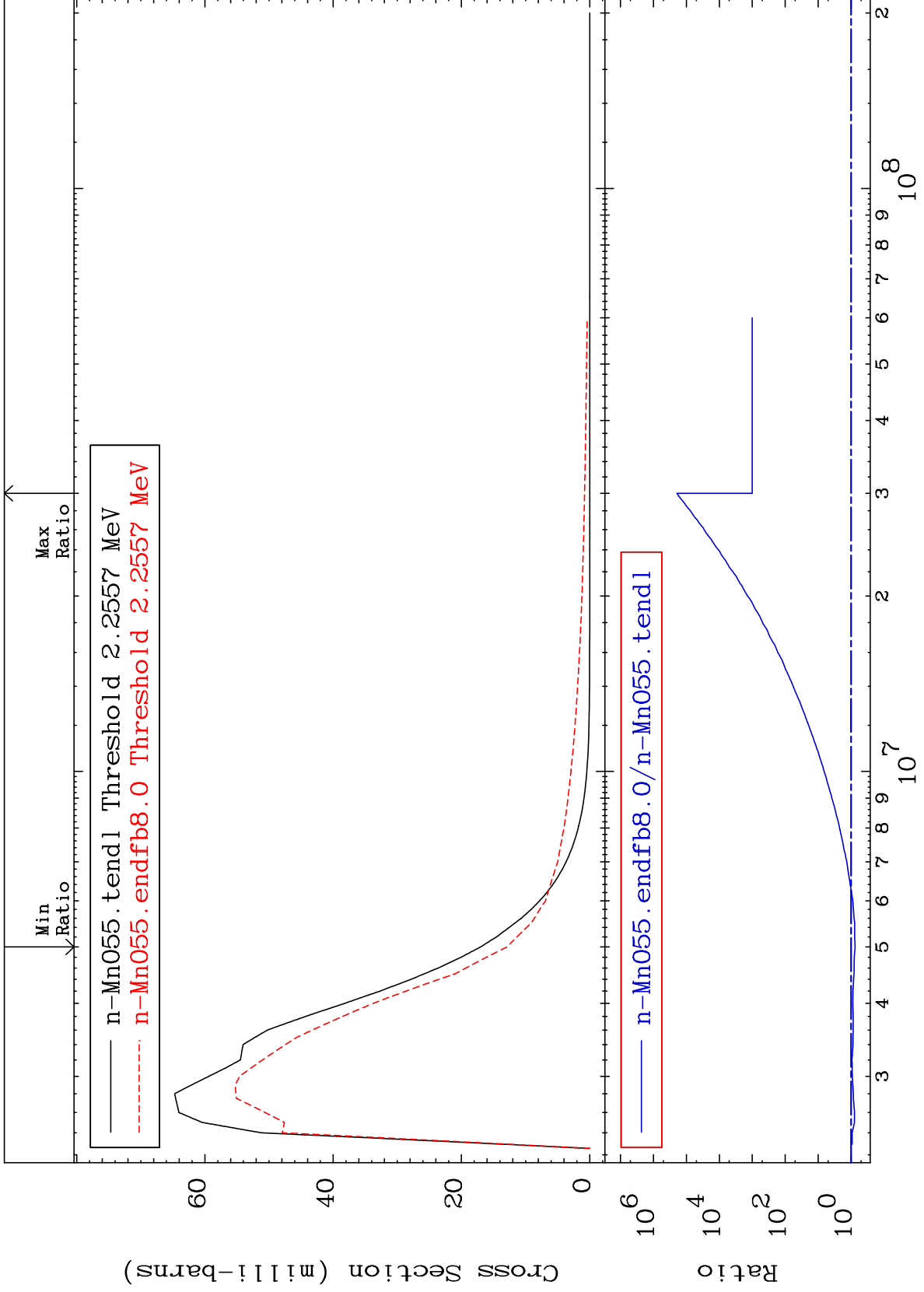
Incident Energy (eV)

25-Mn-55

MAT 2525

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

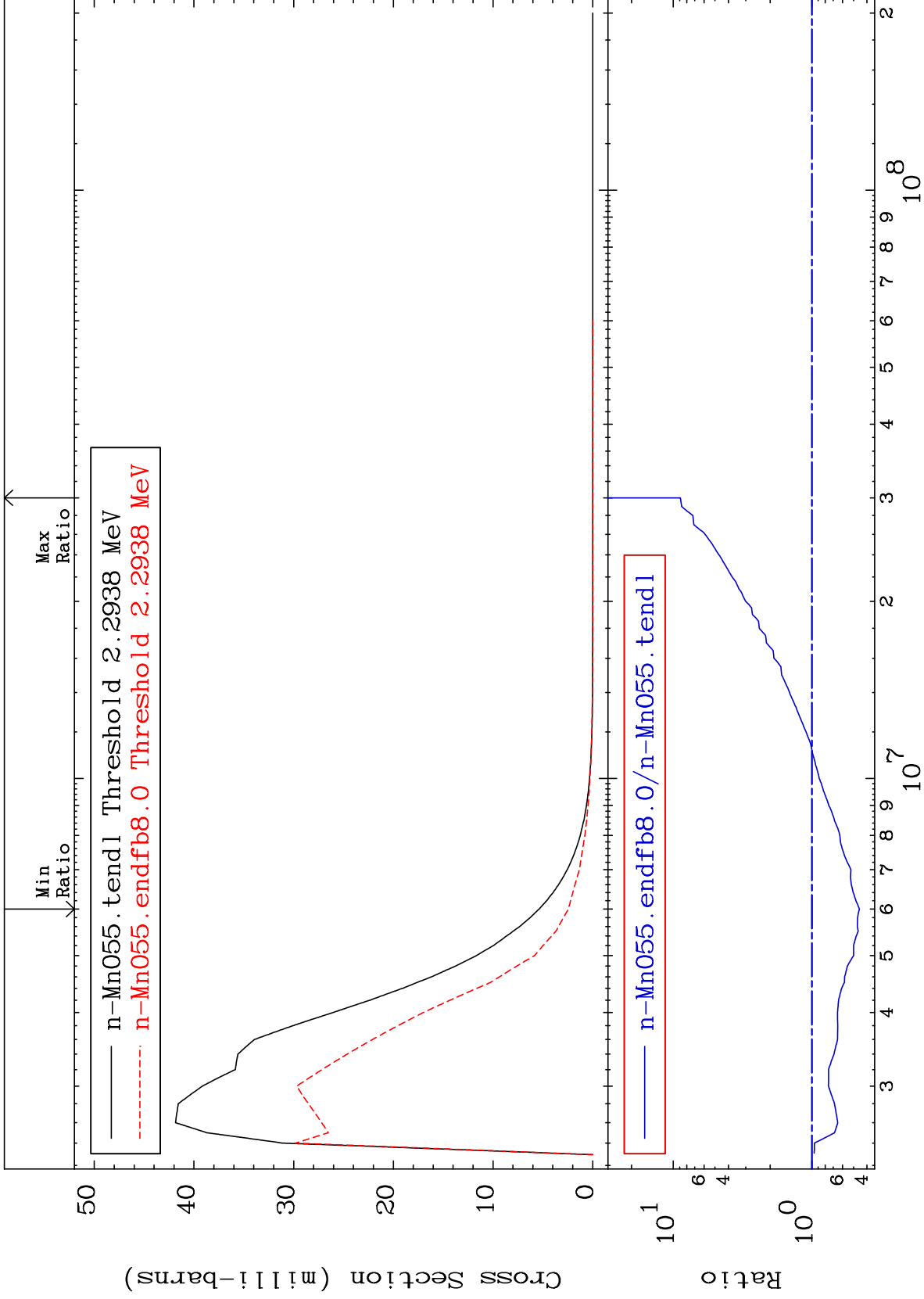
25-Mn-55
-24.22 To 9999. %



MAT 2525

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

25-Mn-55
-54.70 To 789.1 %



17

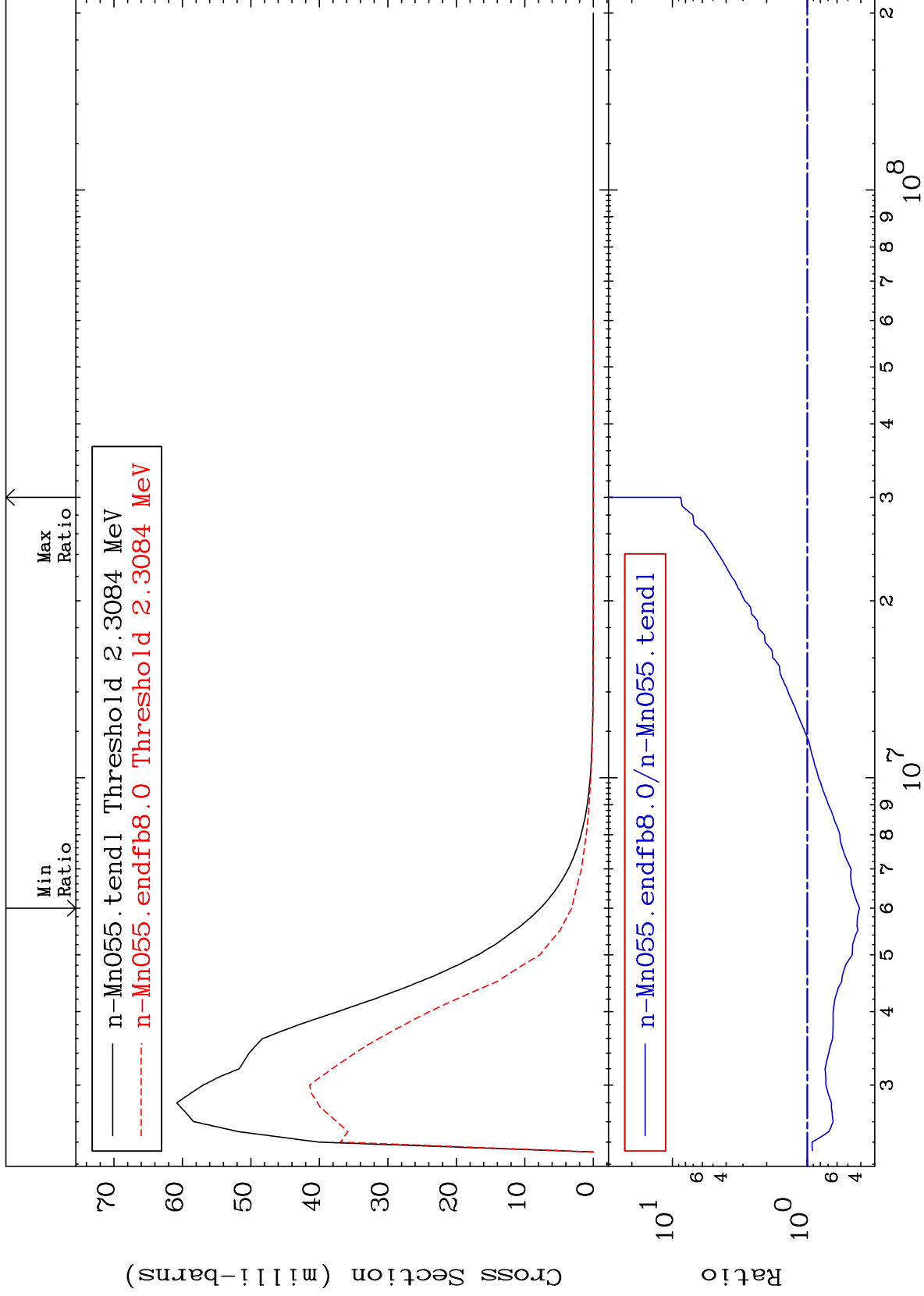
Incident Energy (eV)

25-Mn-55

MAT 2525

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

25-Mn-55
-59.07 To 767.2 %



18

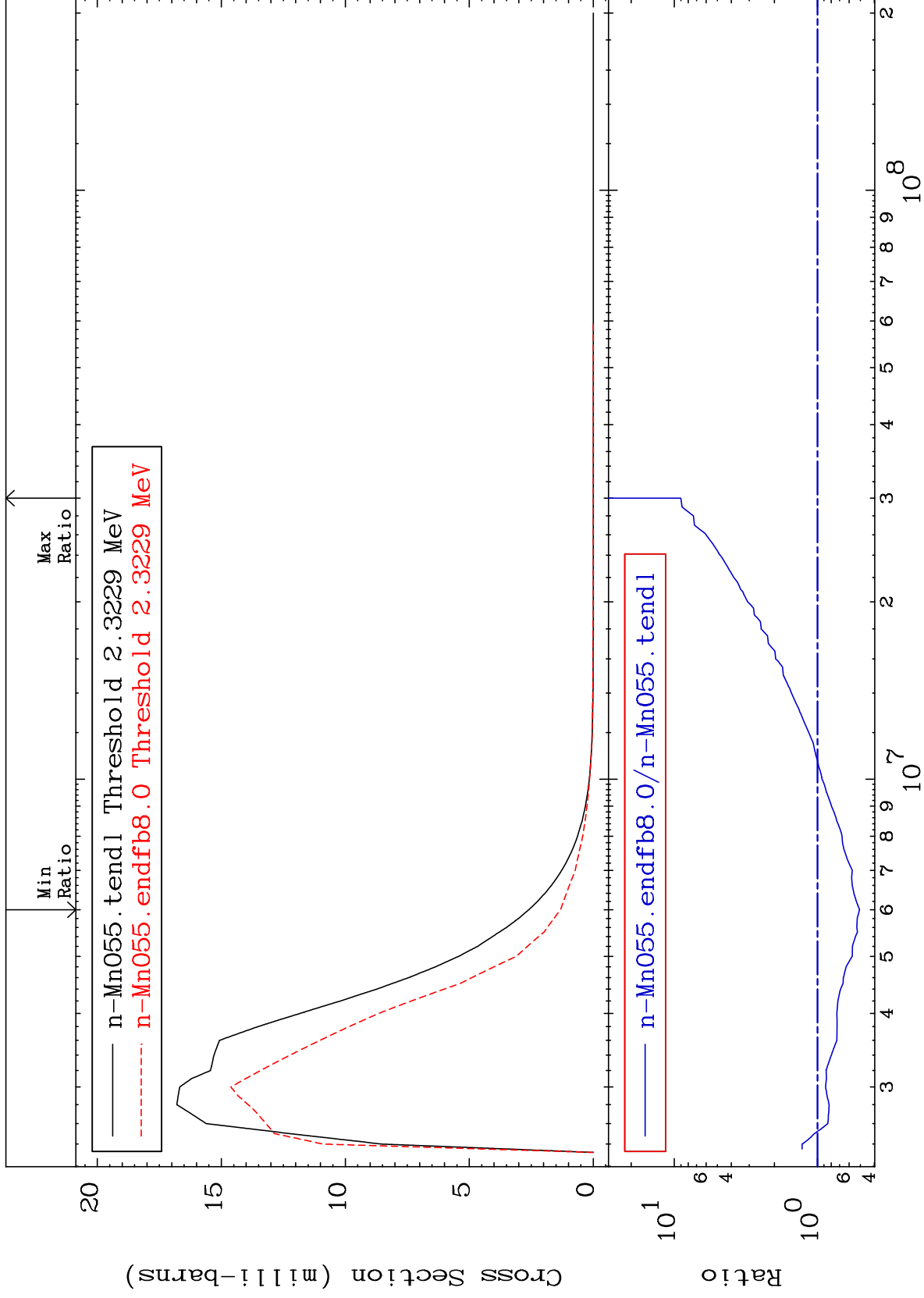
25-Mn-55

25-Mn-55

MAT 2525

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

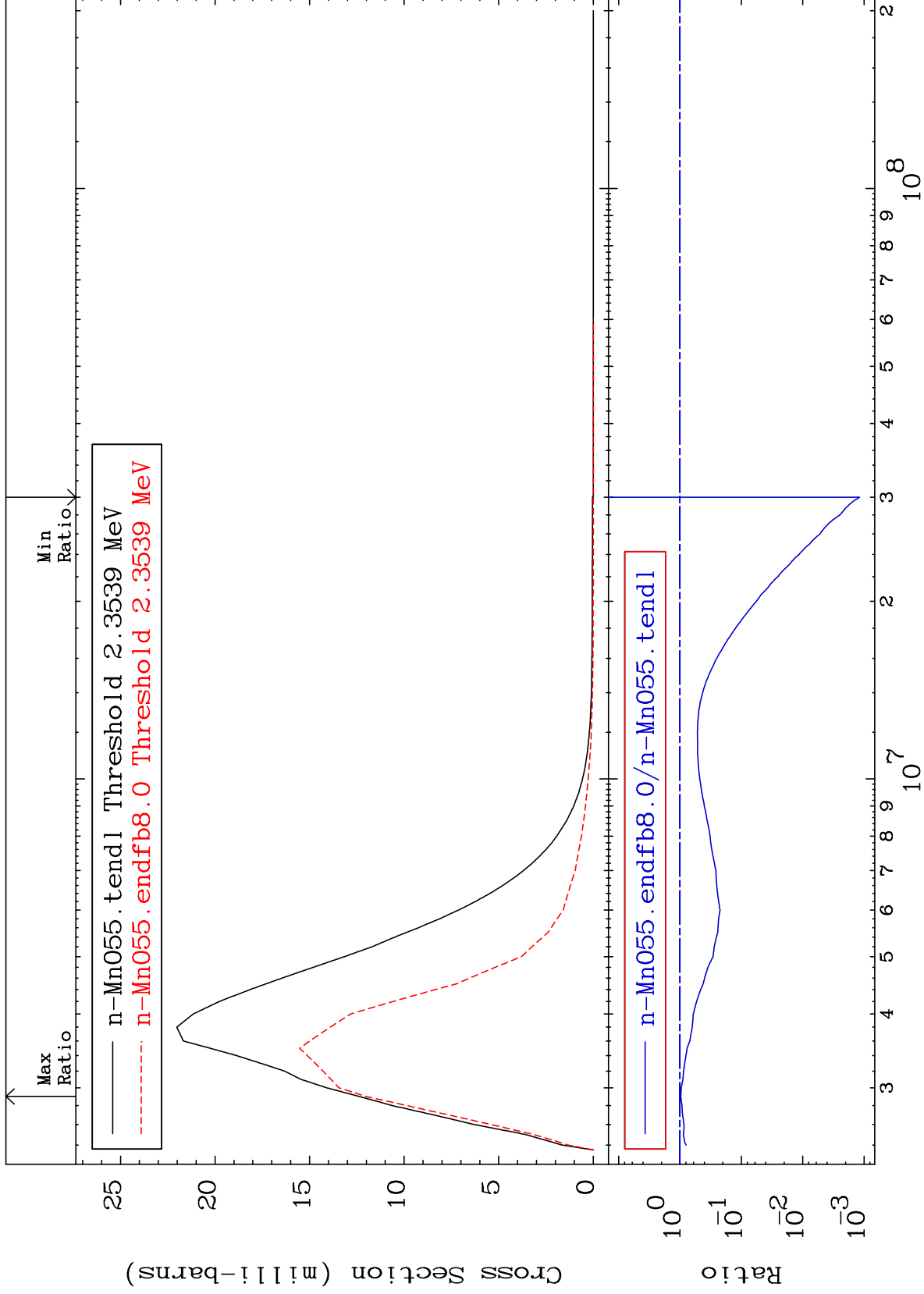
25-Mn-55
-49.25 To 801.5 %



MAT 2525

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

25-Mn-55
-99.88 To -2.887%



20

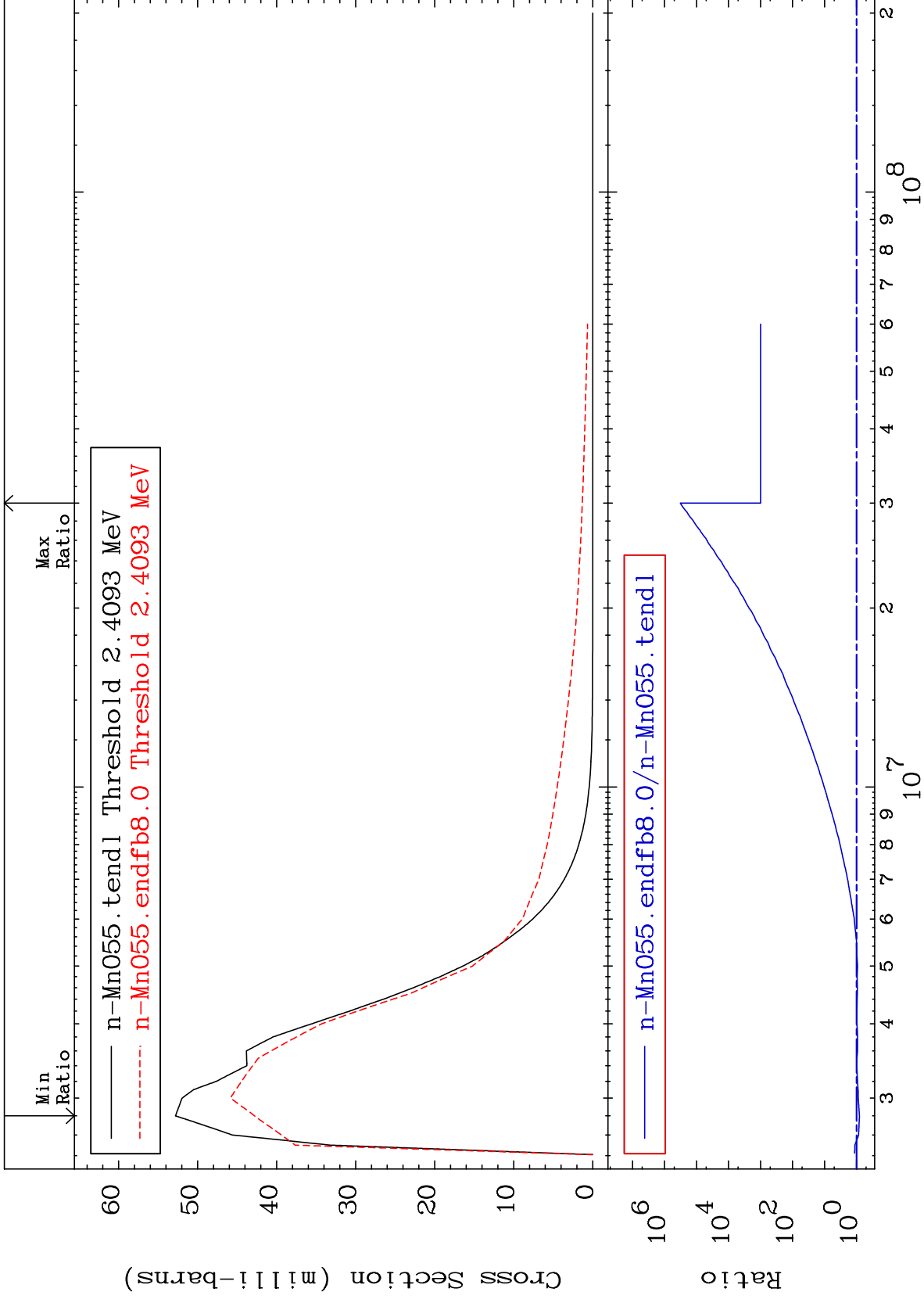
Incident Energy (eV)

25-Mn-55

MAT 2525

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

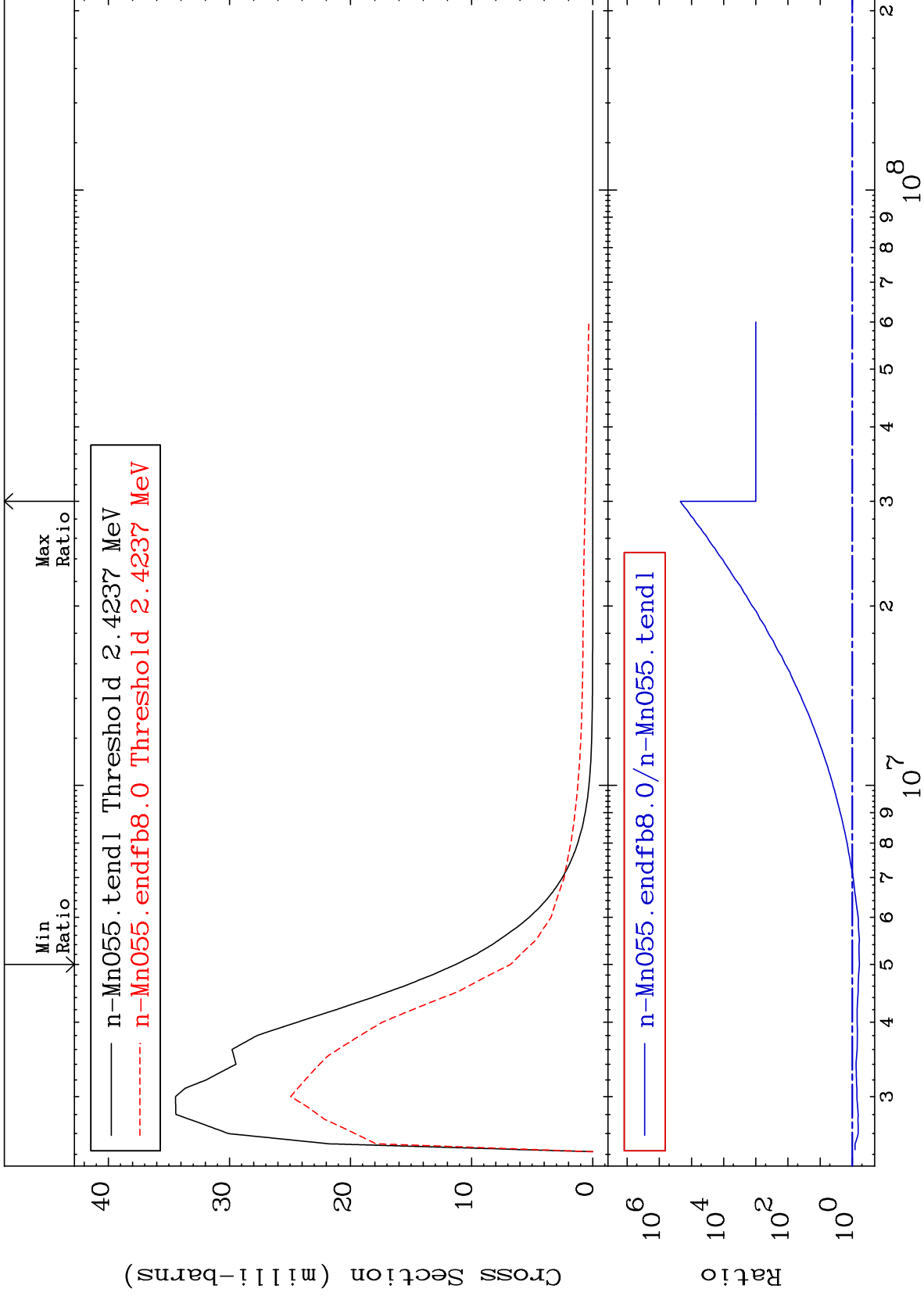
25-Mn-55
-18.97 To 9999. %



MAT 2525

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

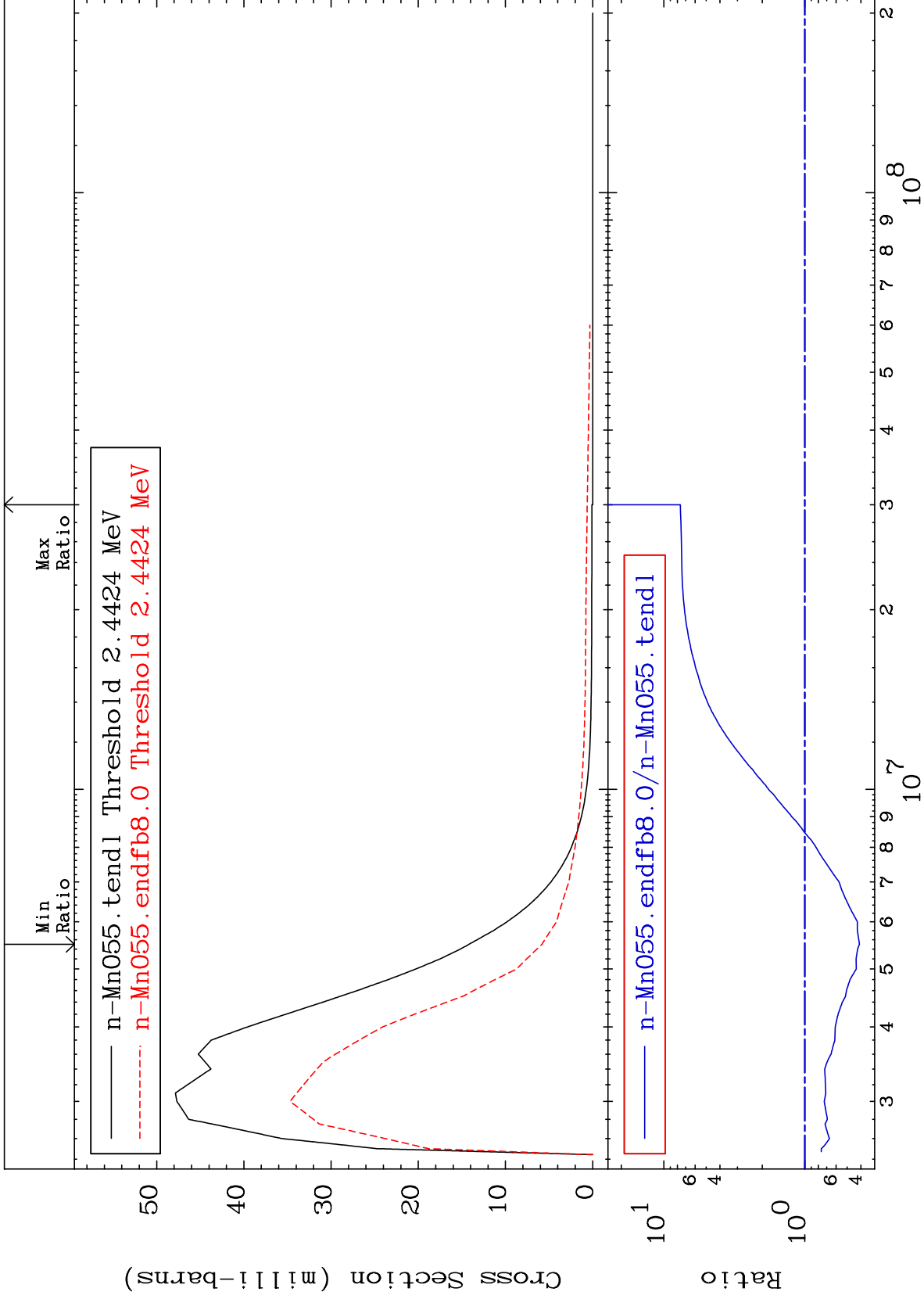
25-Mn-55
-39.94 To 9999. %



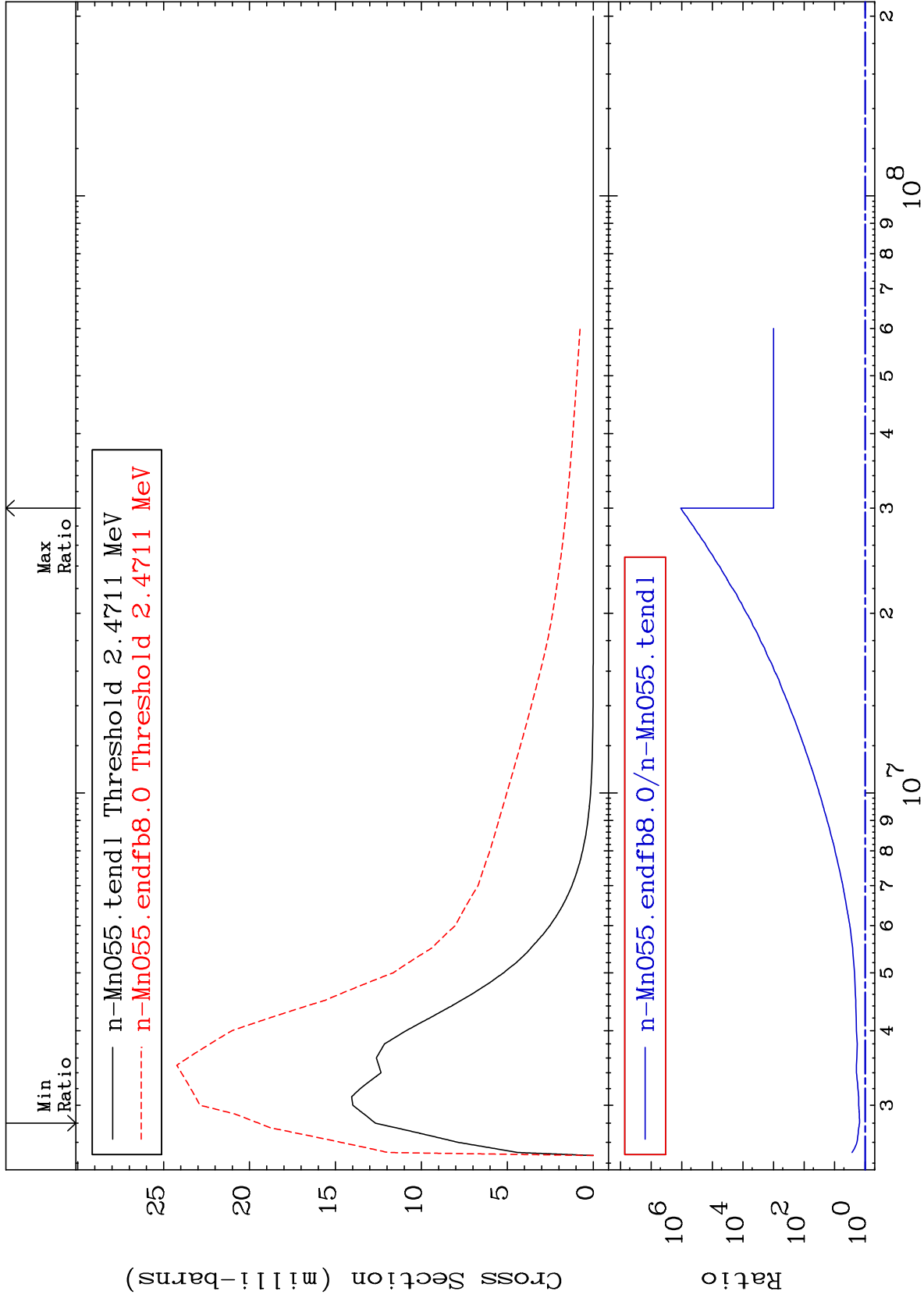
MAT 2525

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

²⁵Mn-55
-59.05 To 663.2 %



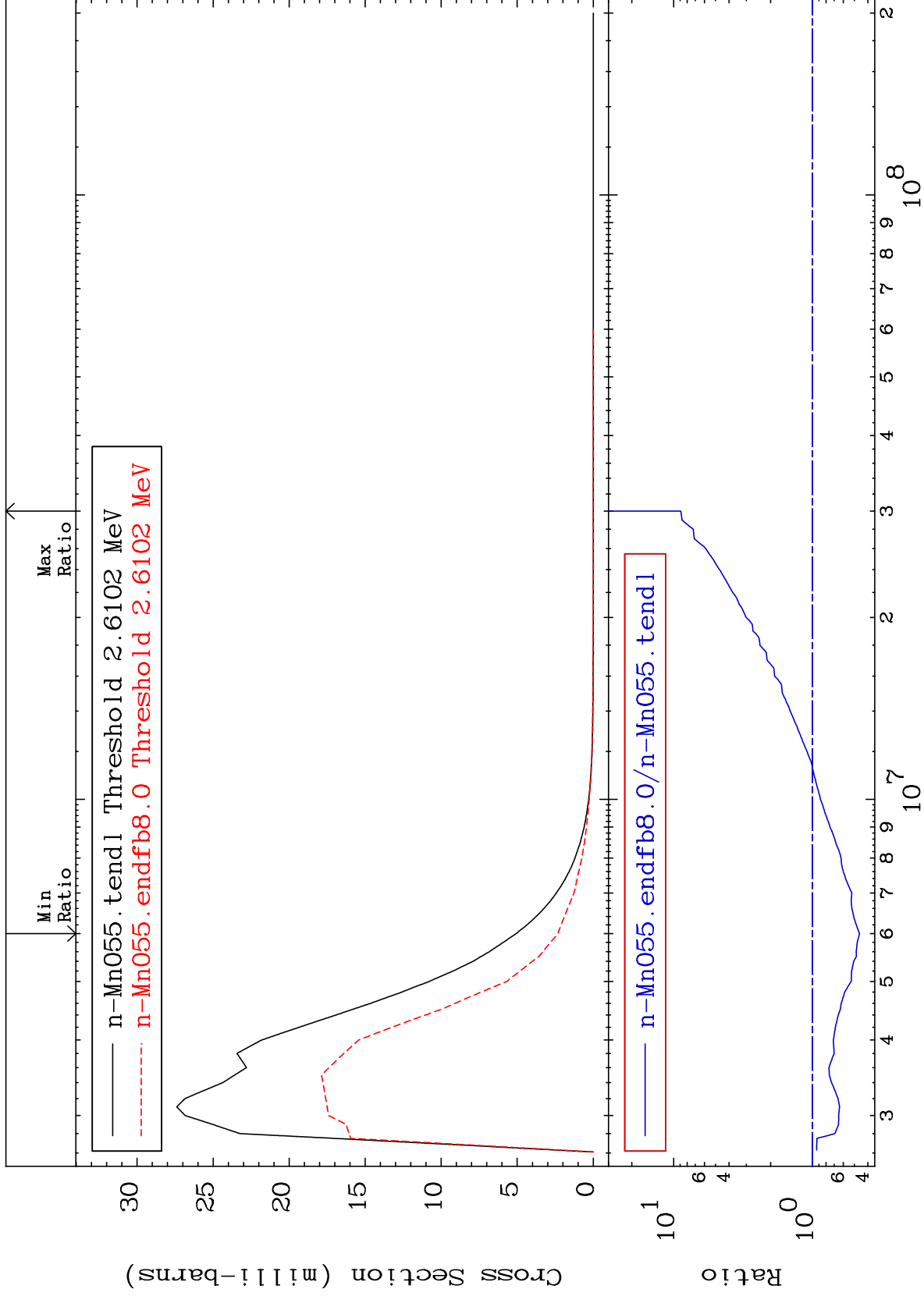
MAT 2525 MT= 68 (n,n') Level Cross Section 25-Mn-55 To 9999. %



MAT 2525

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

25-Mn-55
-54.13 To 789.3 %



25

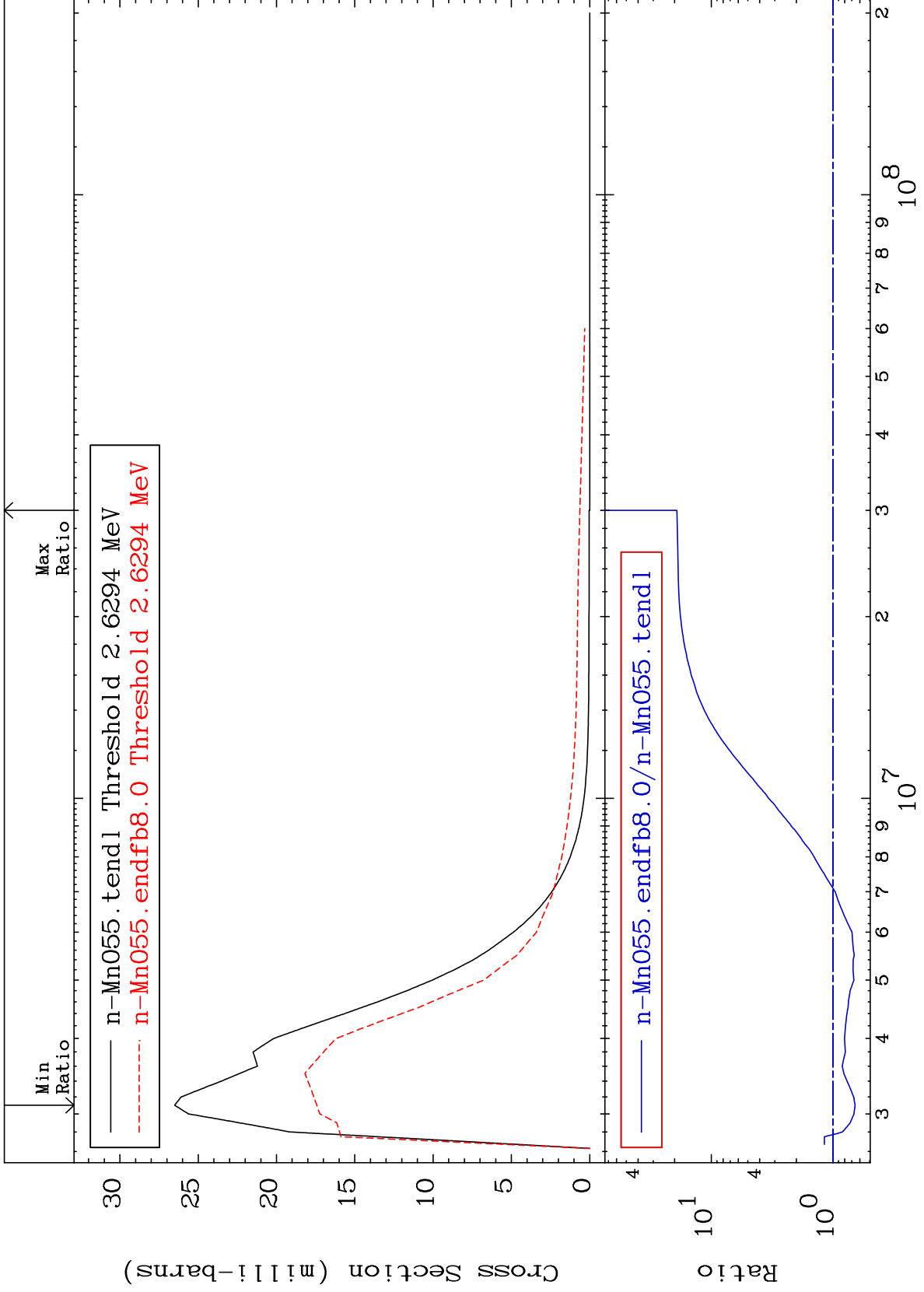
Incident Energy (eV)

25-Mn-55

MAT 2525

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

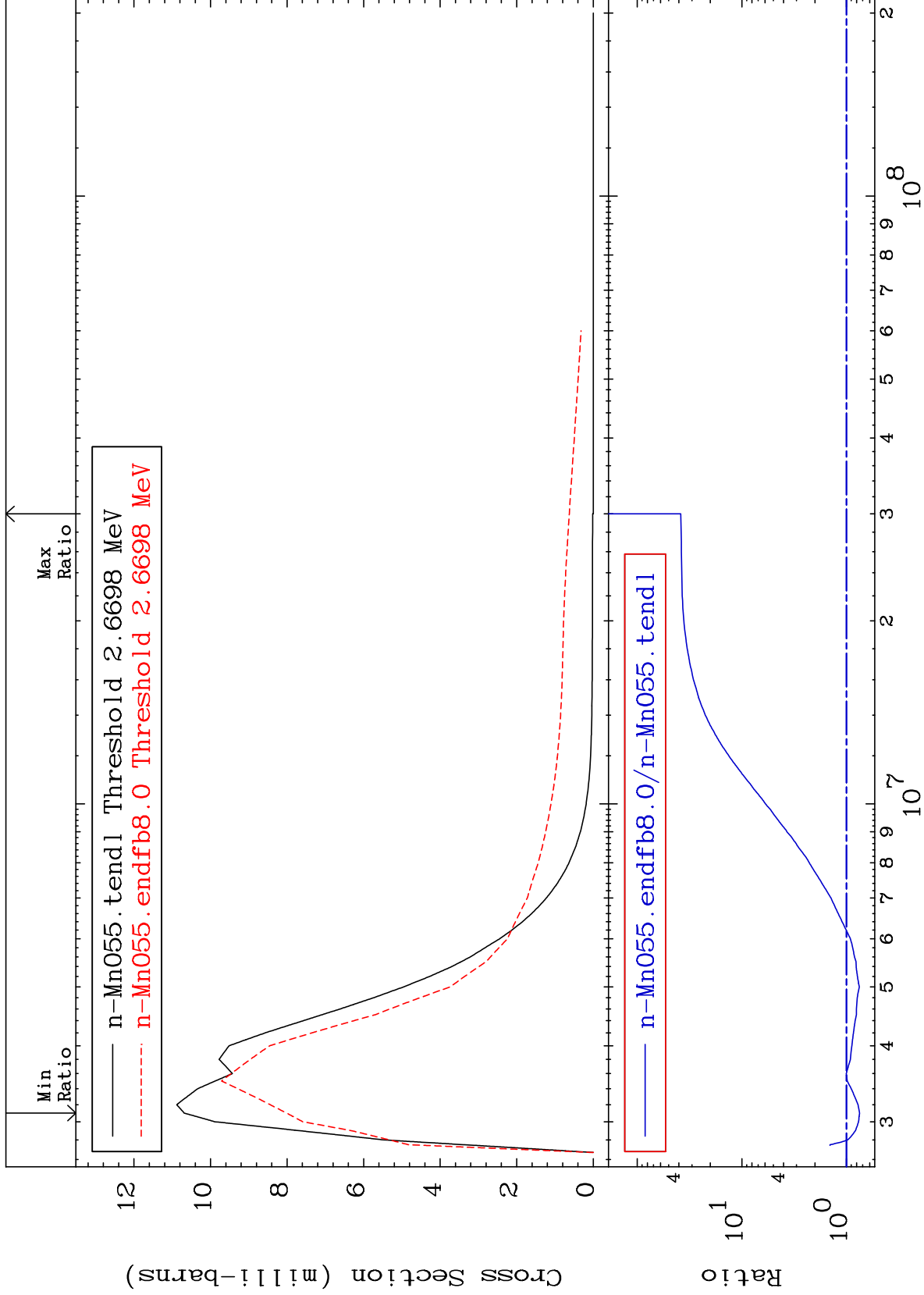
²⁵Mn-55
-34.27 To 1816. %



MAT 2525

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

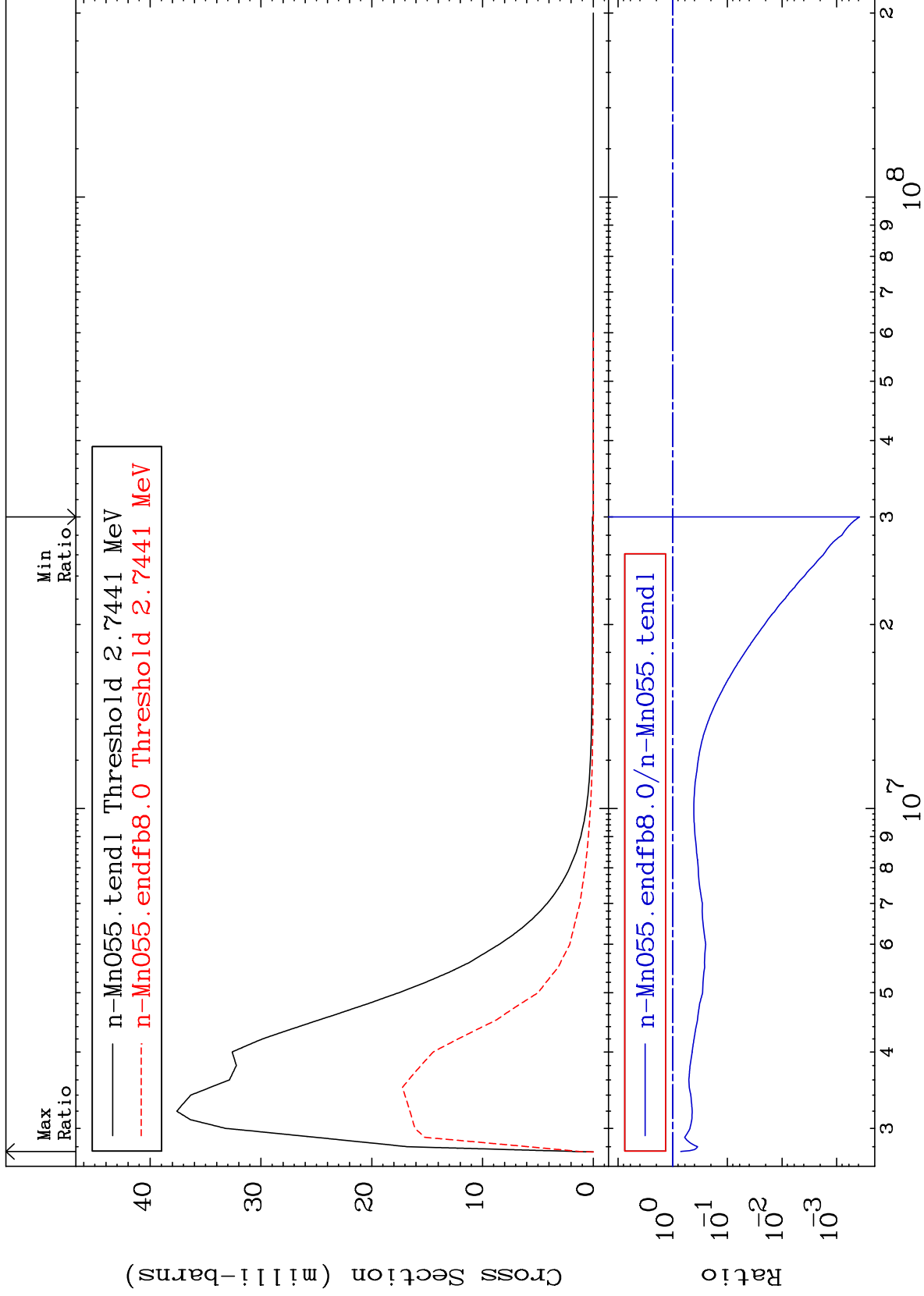
25-Mn-55
-25.02 To 3737. %



MAT 2525

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

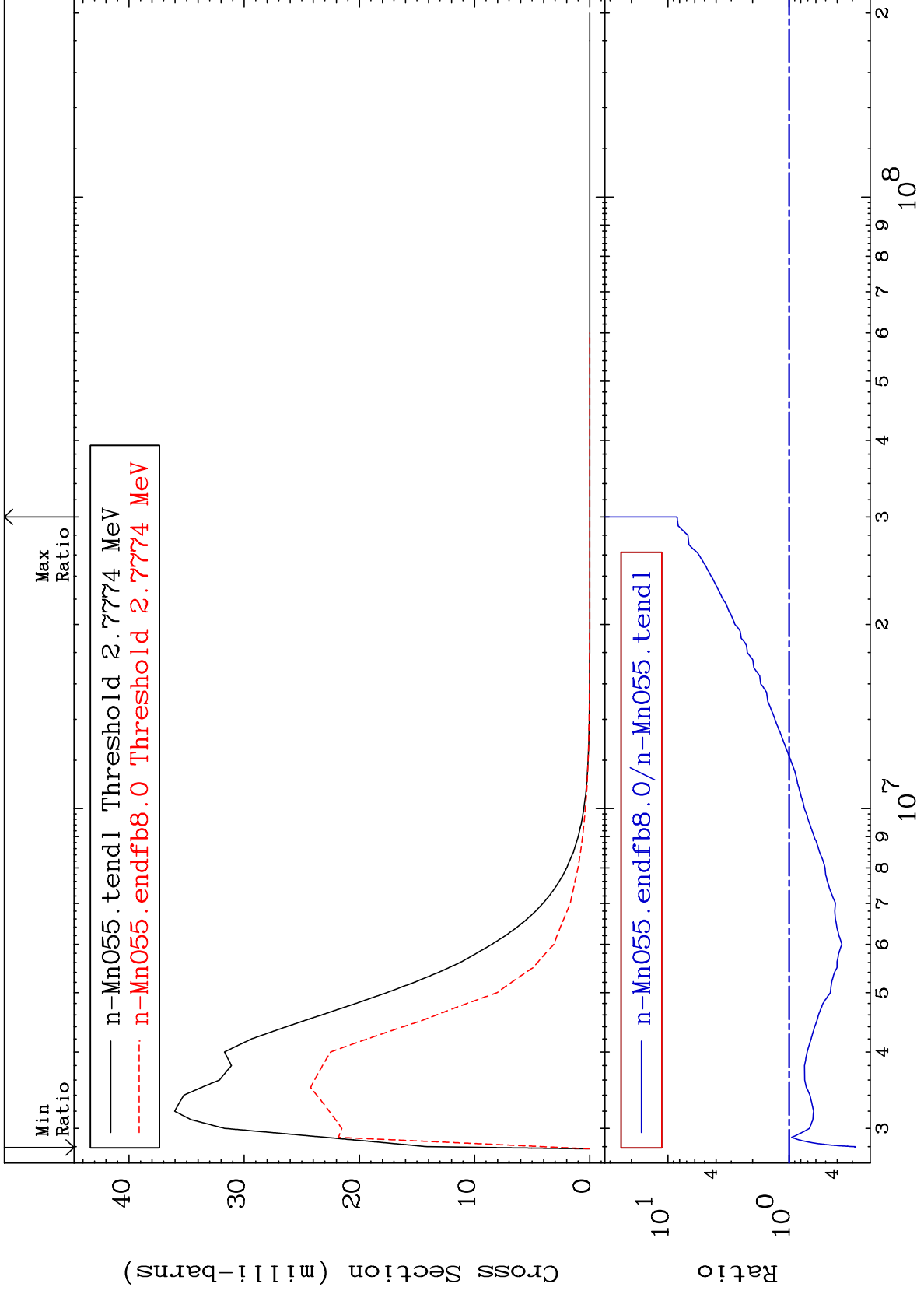
25-Mn-55
-99.96 To -28.59%



MAT 2525

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

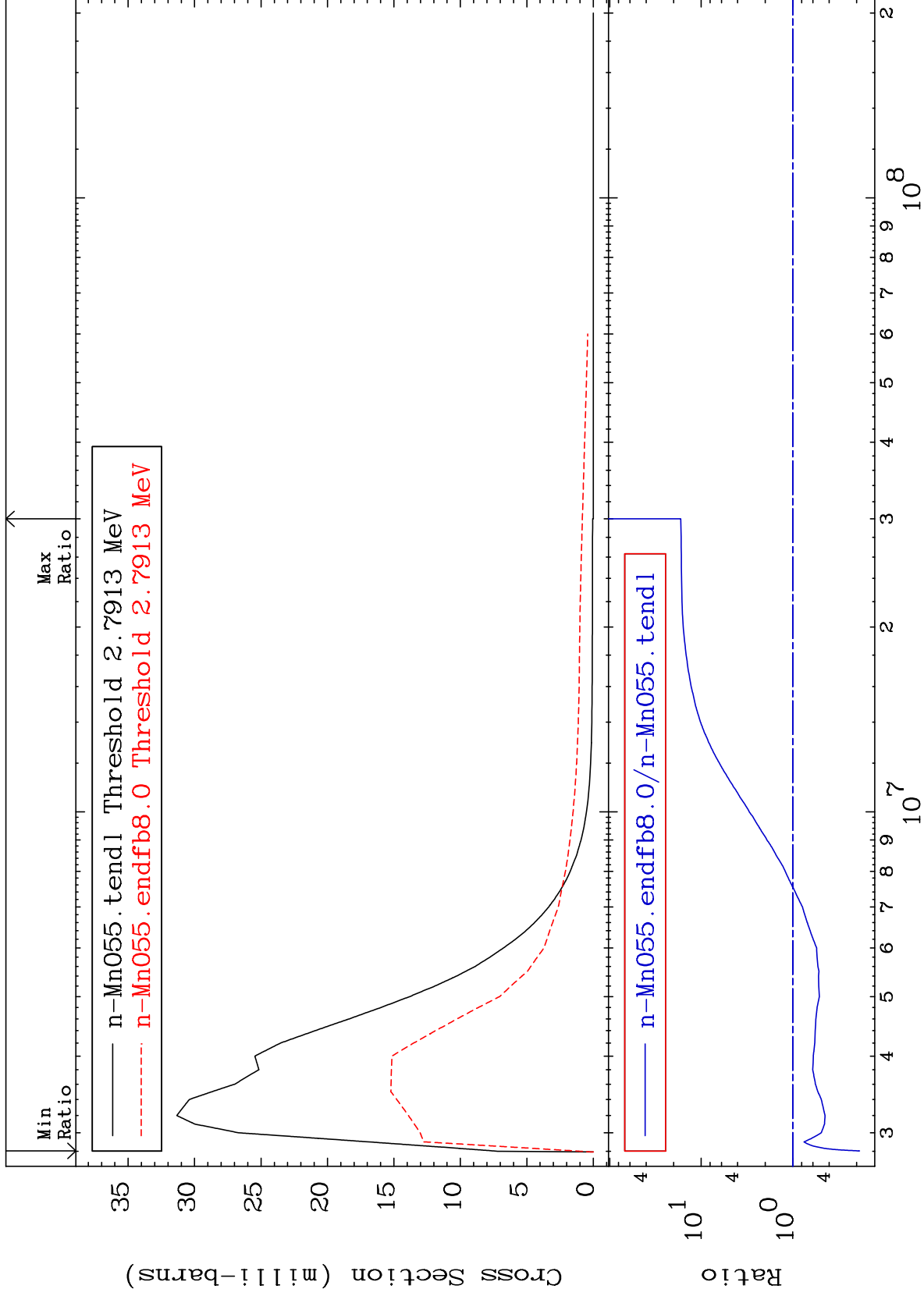
25-Mn-55
-71.47 To 742.4 %



MAT 2525

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

25-Mn-55
-81.40 To 1572. %



30

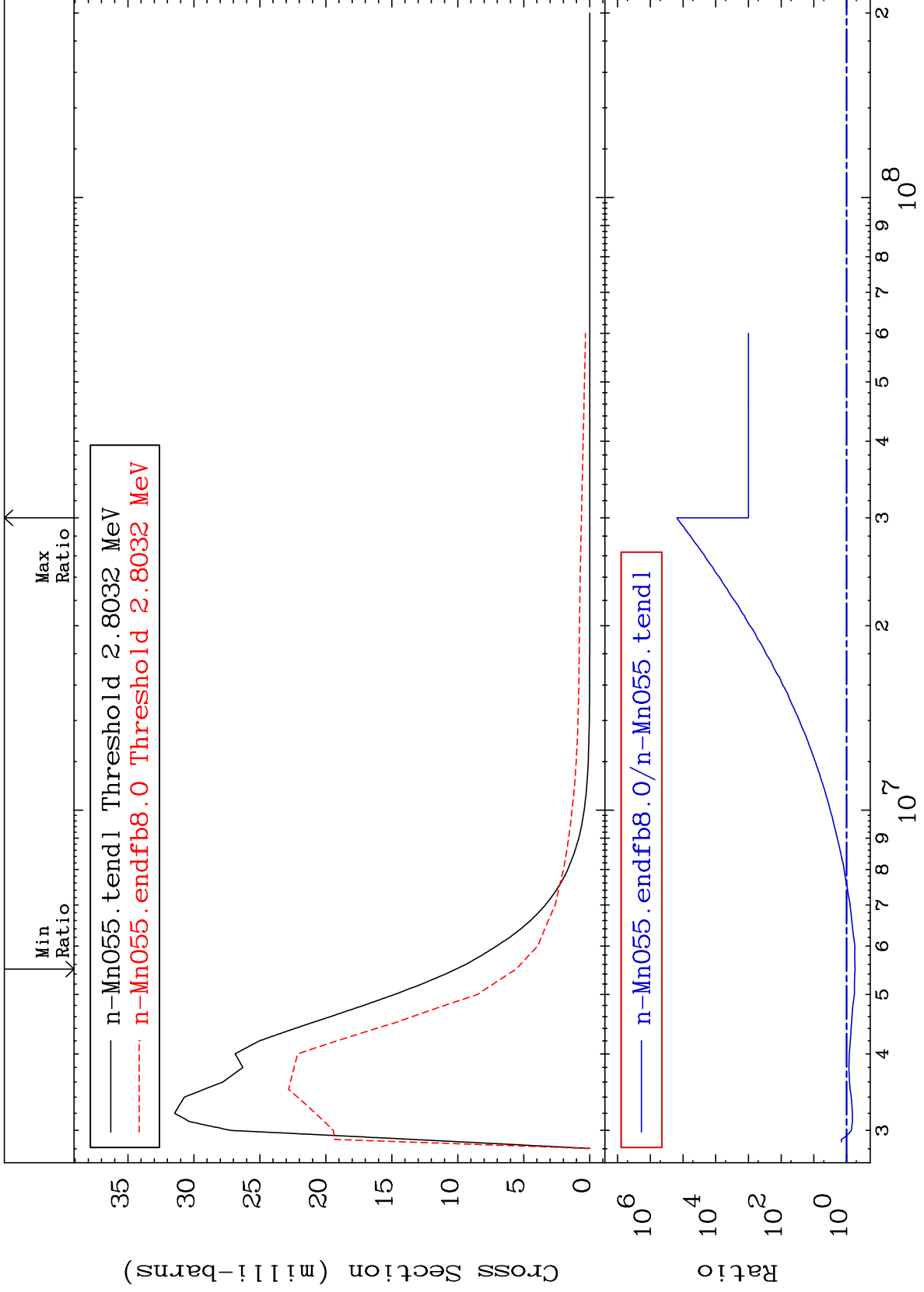
Incident Energy (eV)

25-Mn-55

MAT 2525

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

25-Mn-55
-45.07 To 9999. %



31

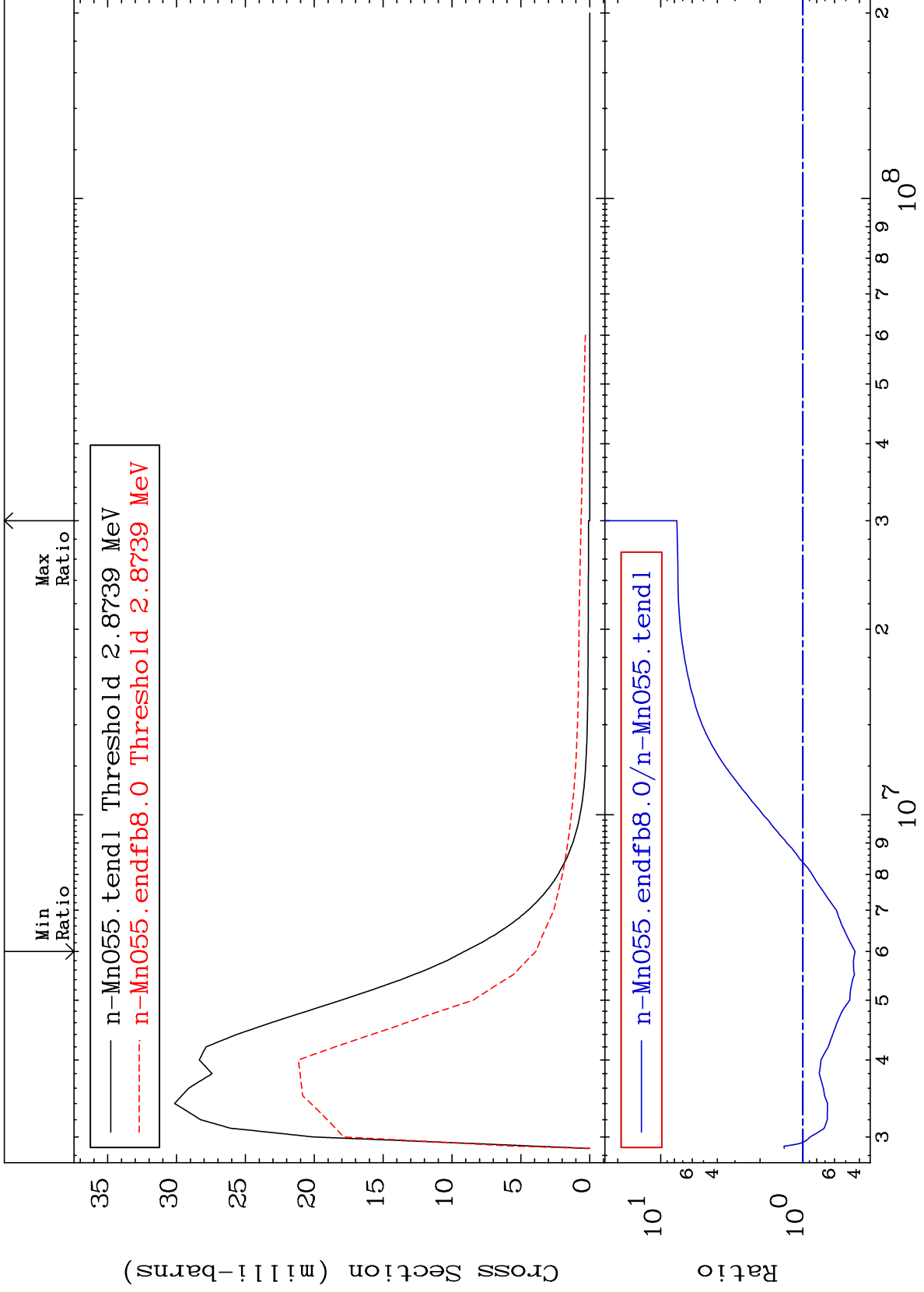
Incident Energy (eV)

25-Mn-55

MAT 2525

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

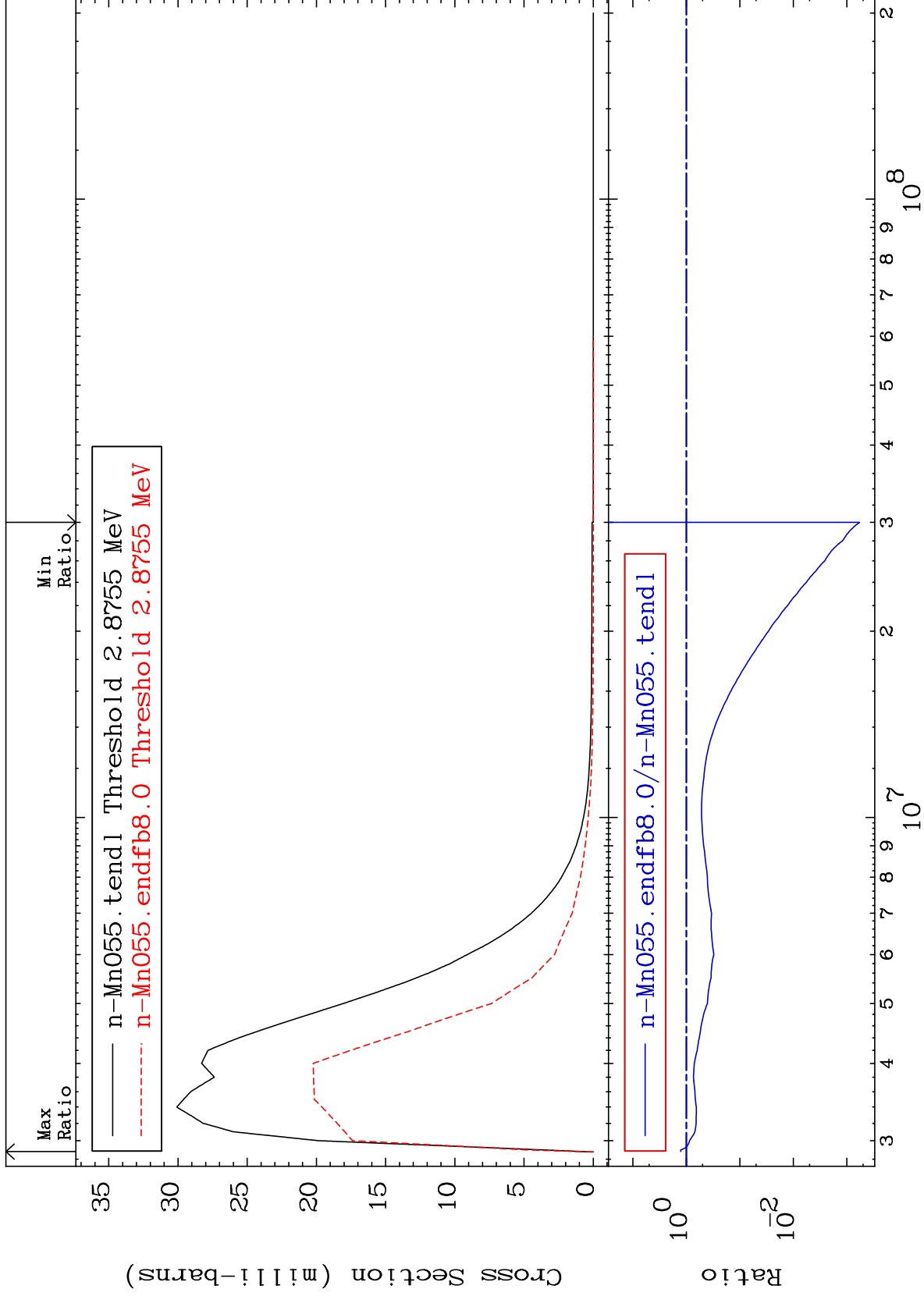
25-Mn-55
-57.02 To 668.2 %



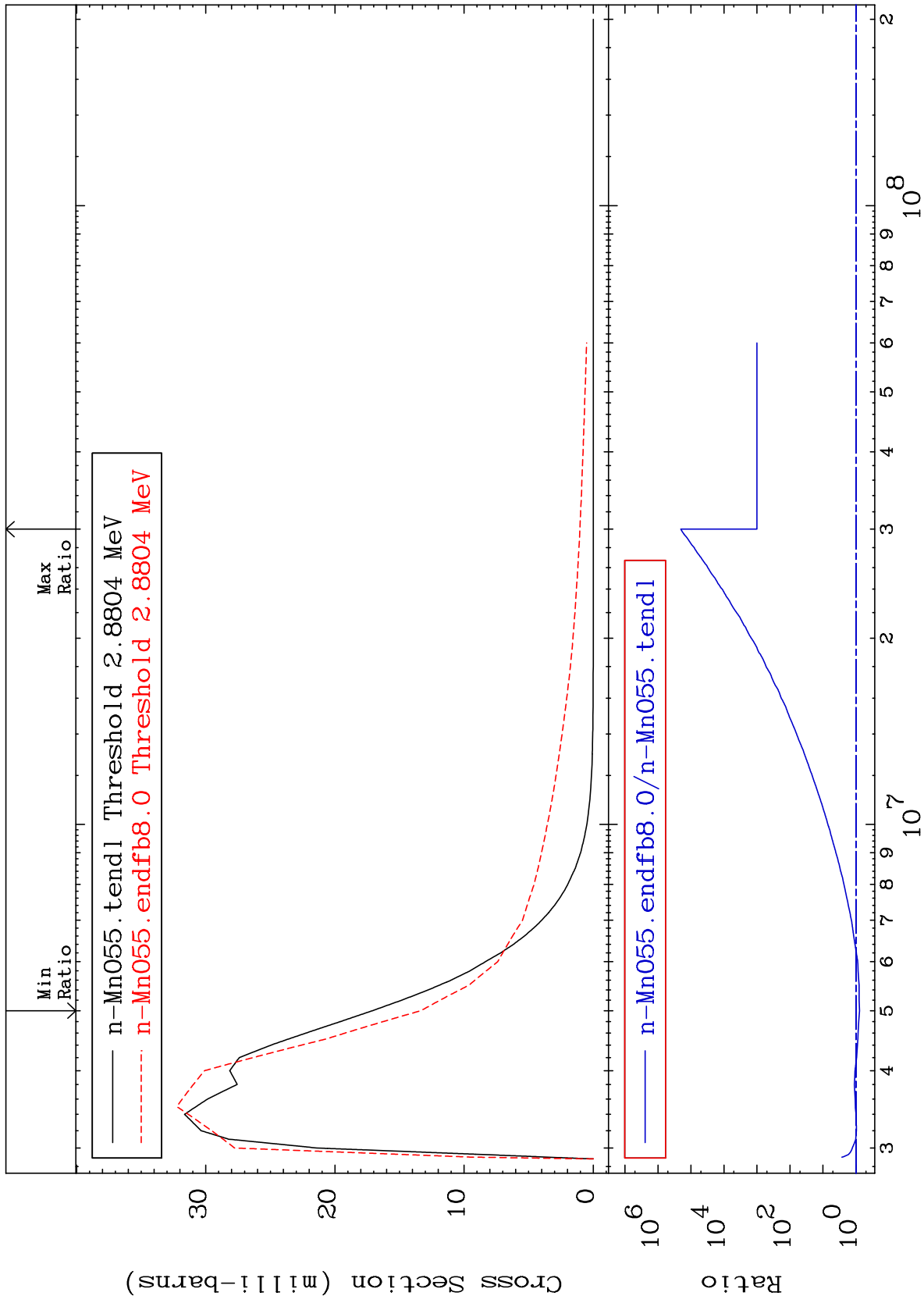
MAT 2525

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

25-Mn-55
-99.94 To 27.32 %



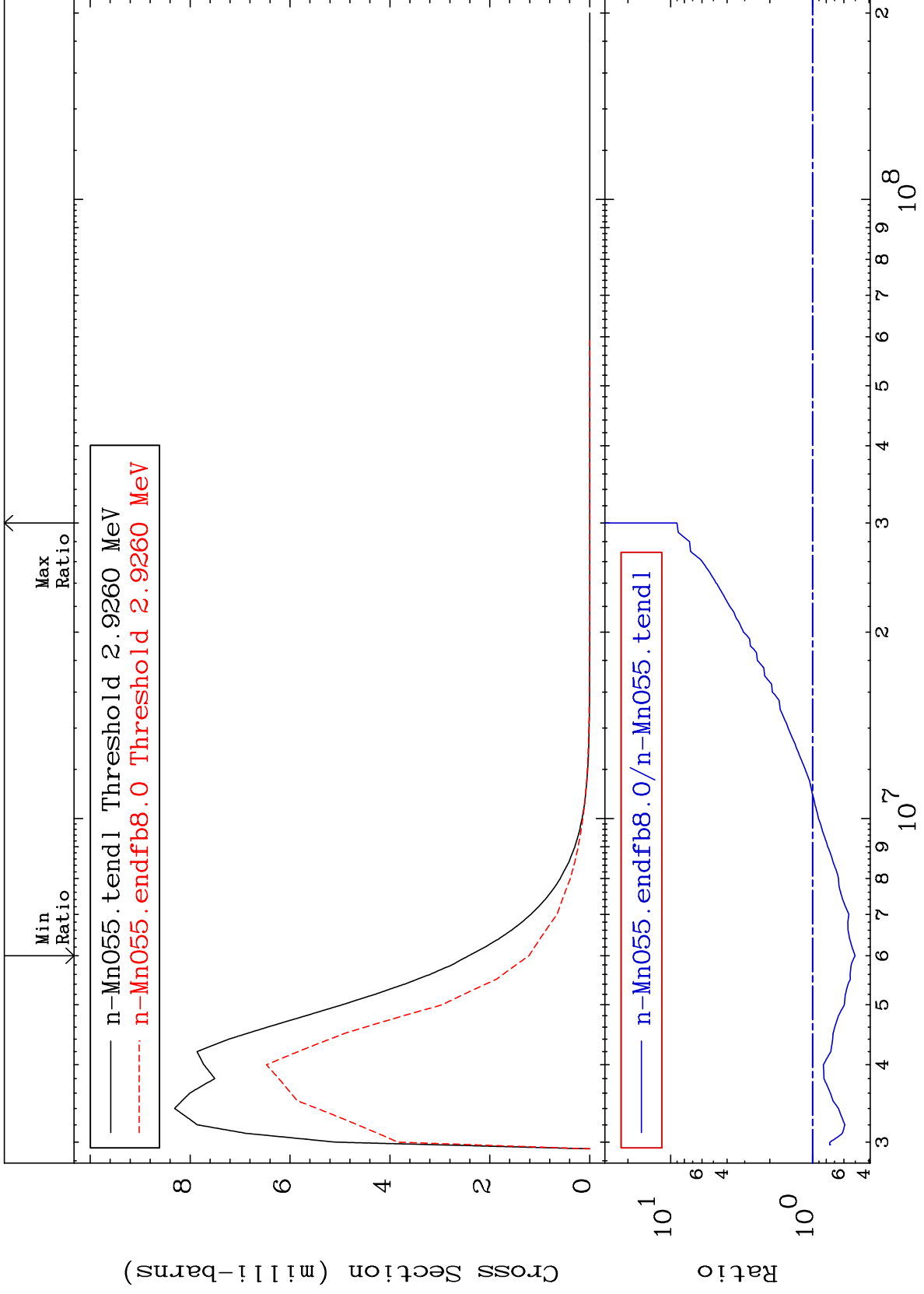
MAT 2525 MT= 78 (n,n') Level Cross Section 25-Mn-55 -21.88 To 9999. %



MAT 2525

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

25-Mn-55
-49.89 To 802.3 %



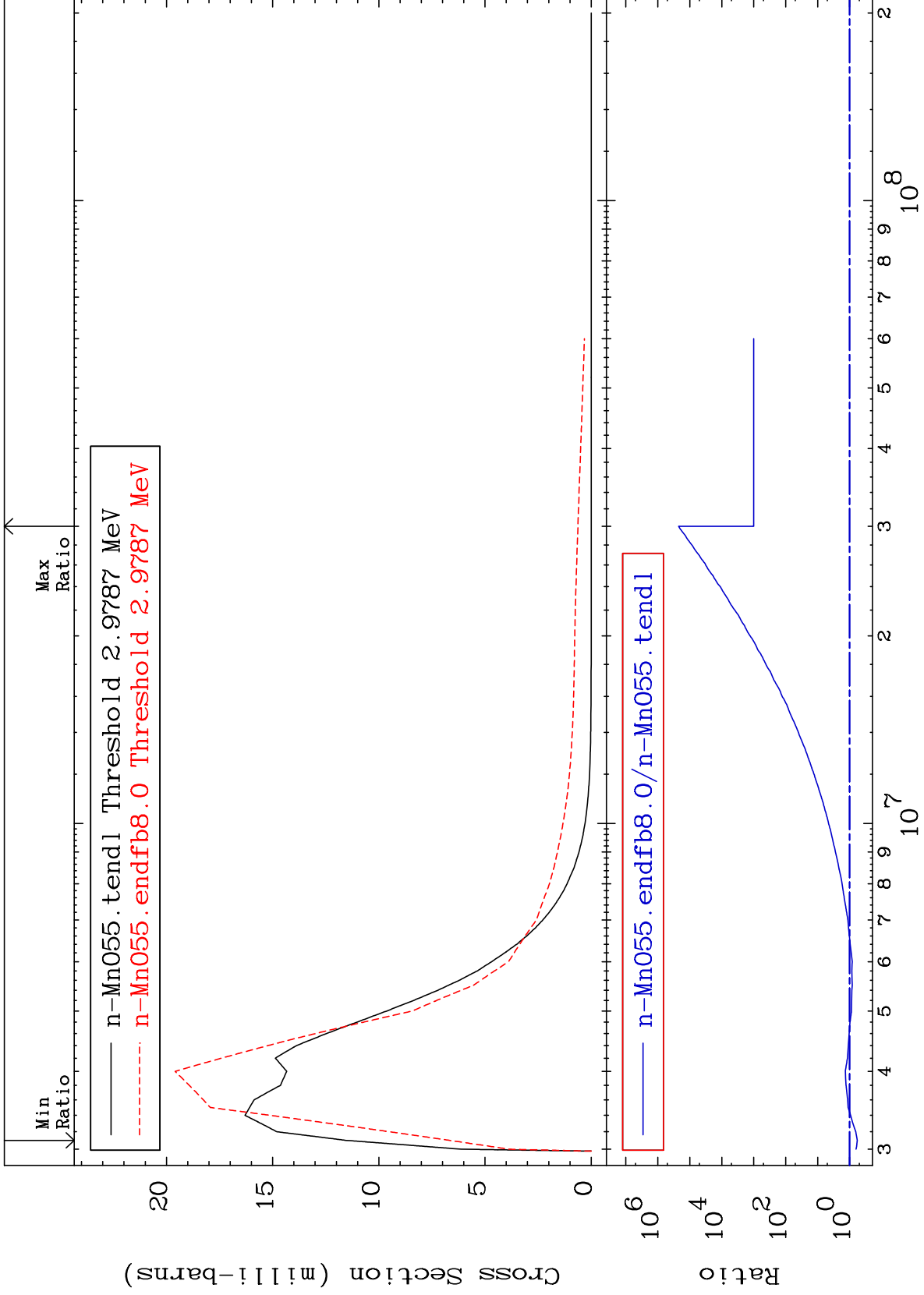
35

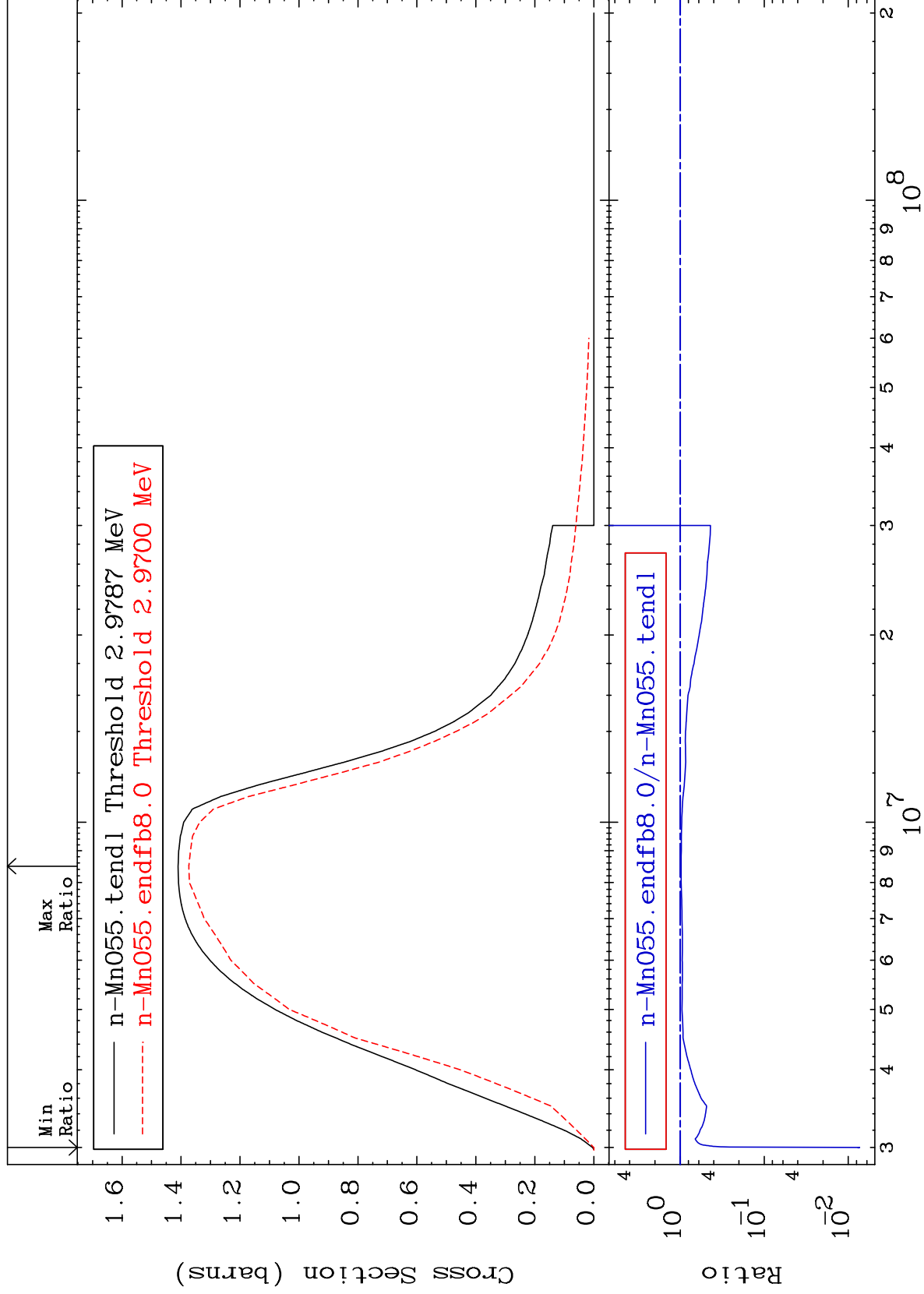
25-Mn-55

MAT 2525

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

25-Mn-55
-42.17 To 9999. %

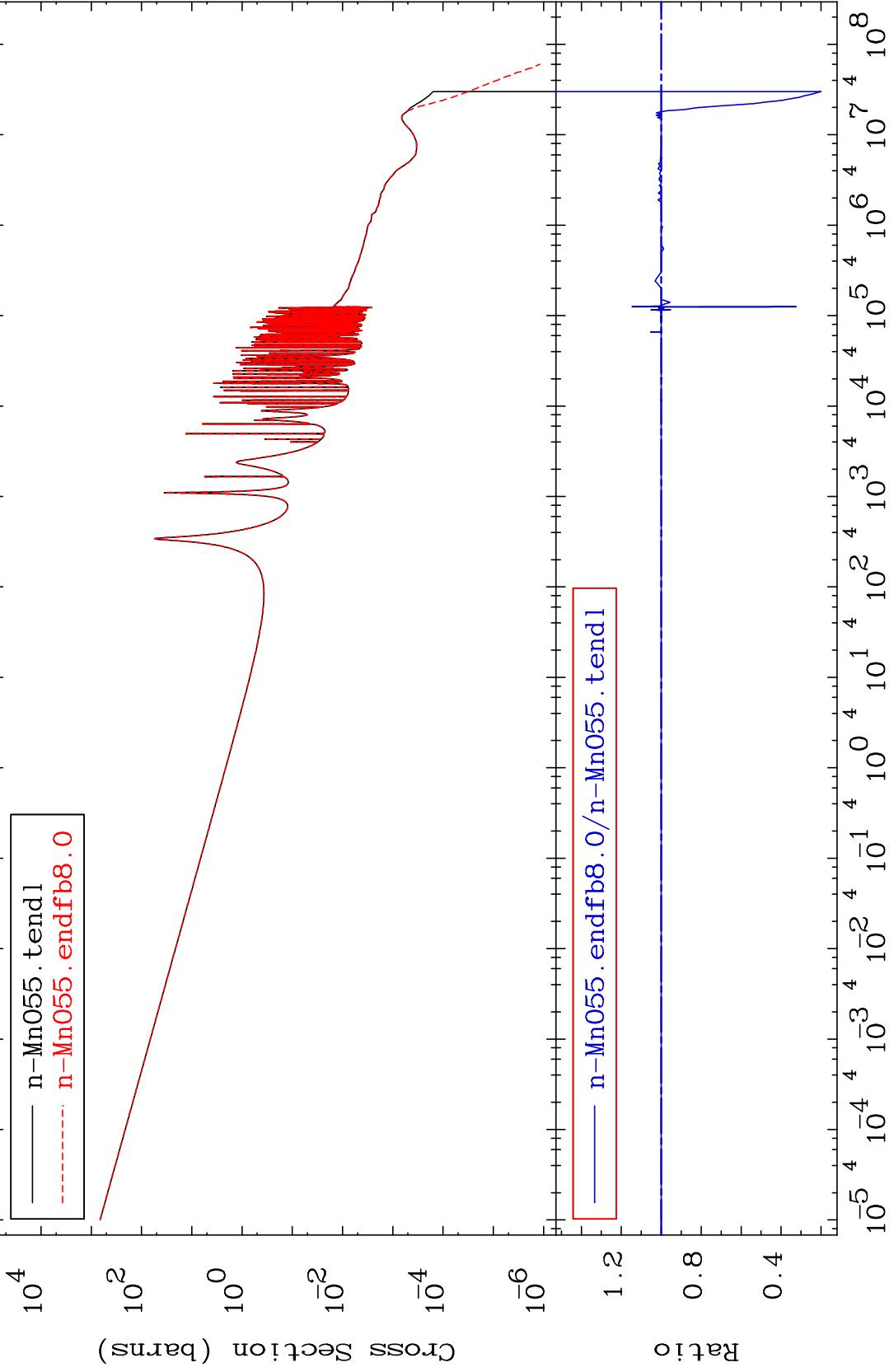


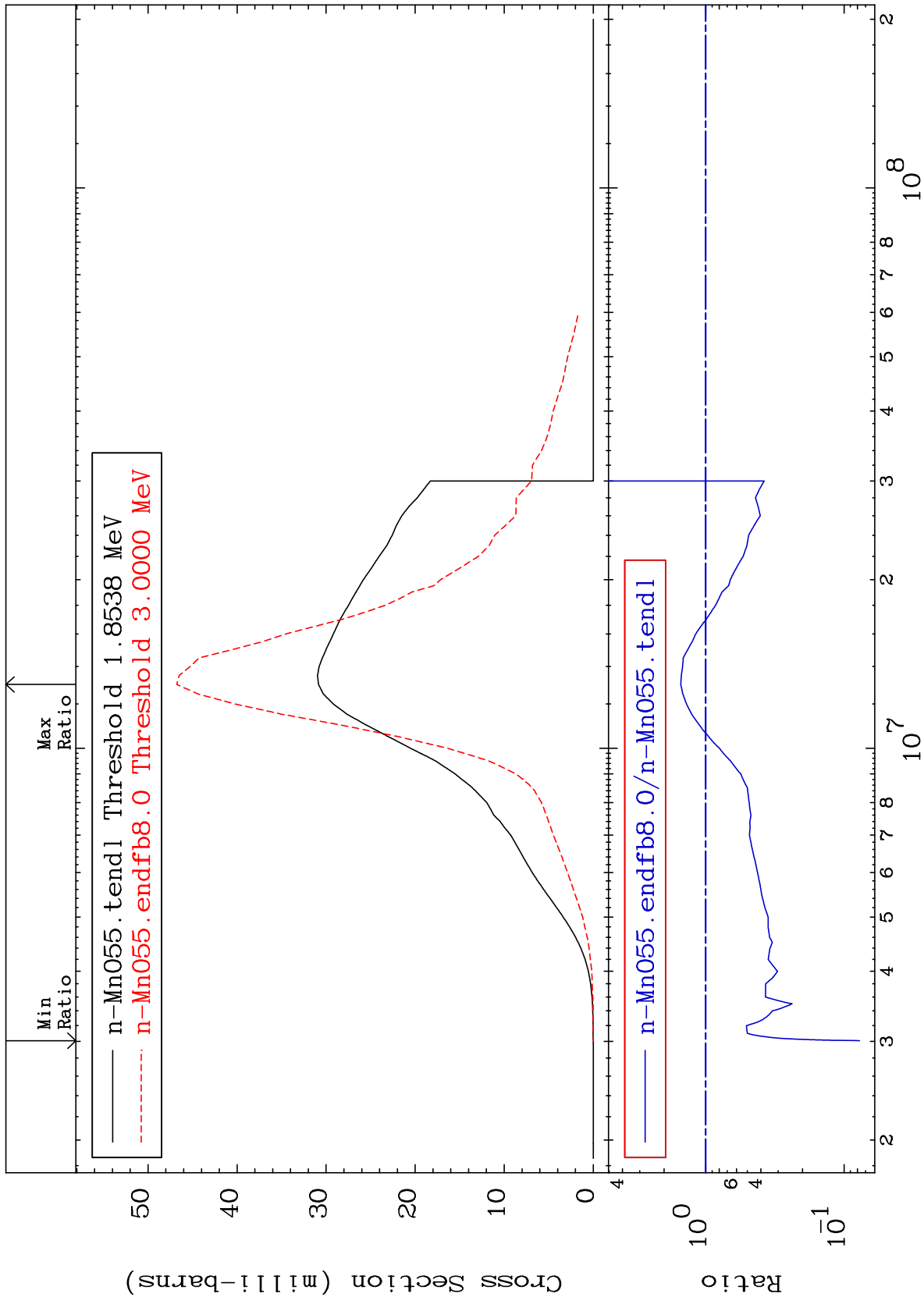


MAT 2525

(n, γ)
Cross Section

25-Mn-55
-80.00 To 14.51 %





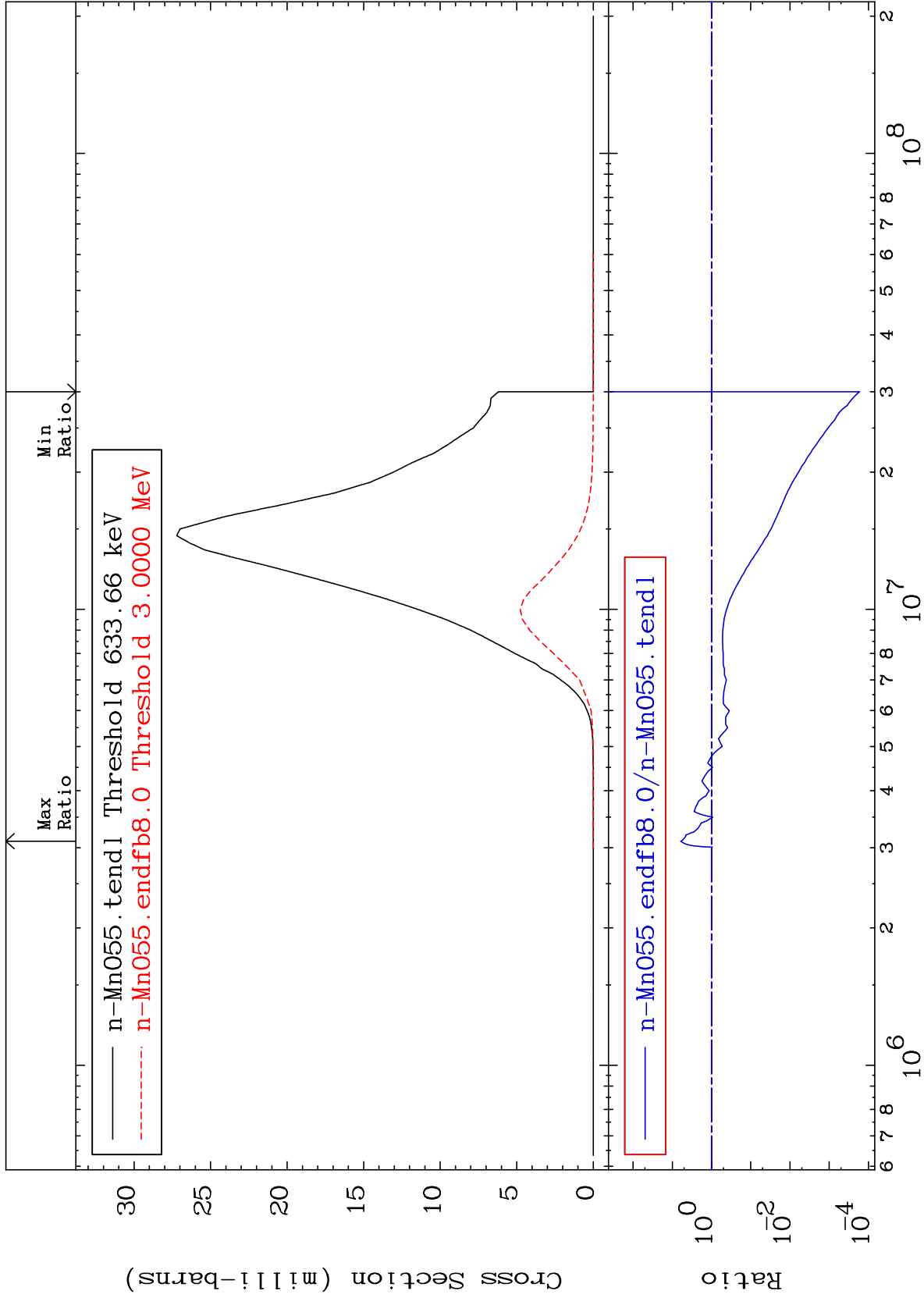
MAT 2525

(n, α)

²⁵Mn-55

Cross Section

-99.98 To 509.9 %



40

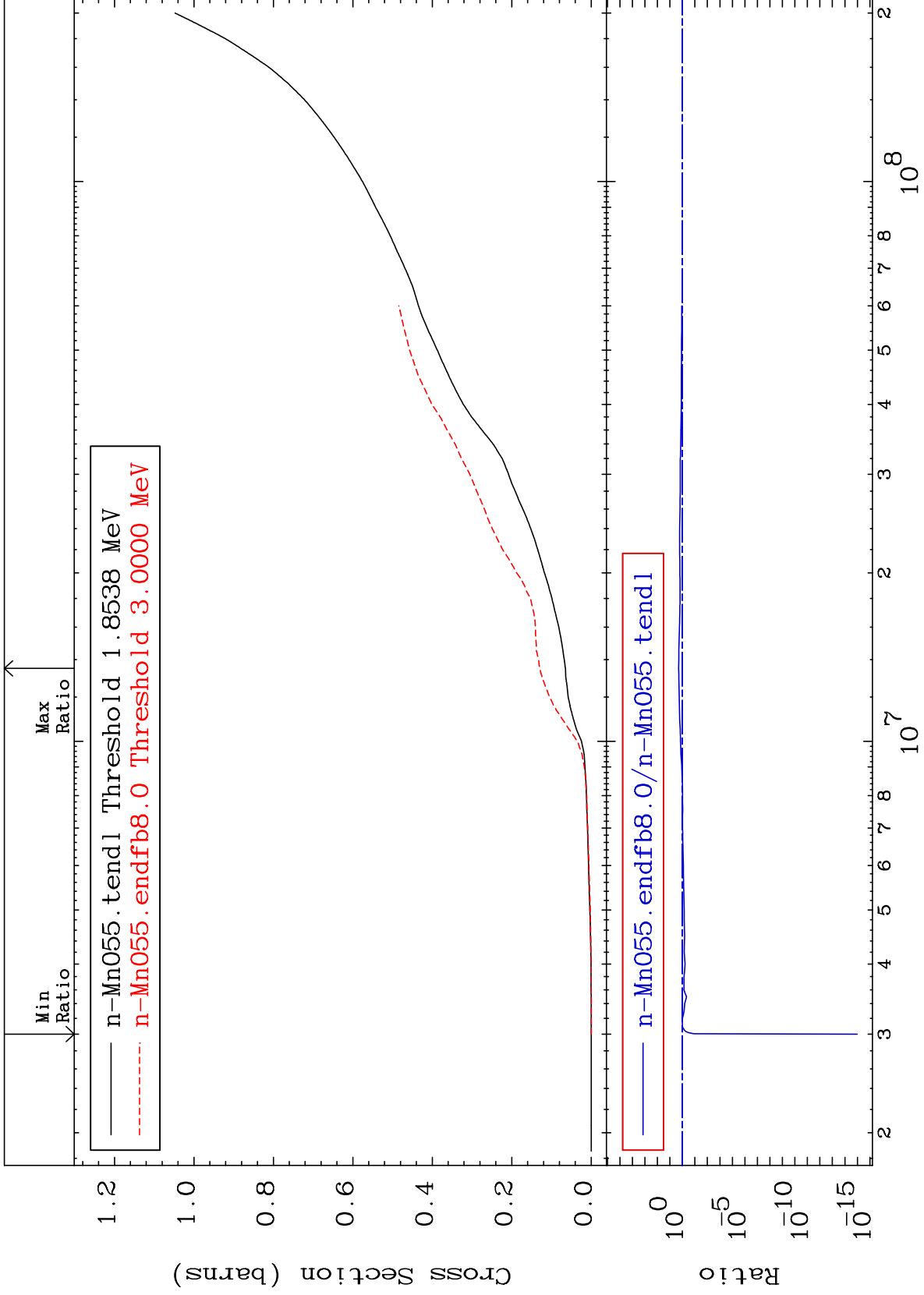
Incident Energy (eV)

²⁵Mn-55

MAT 2525

Hydrogen Production
Cross Section

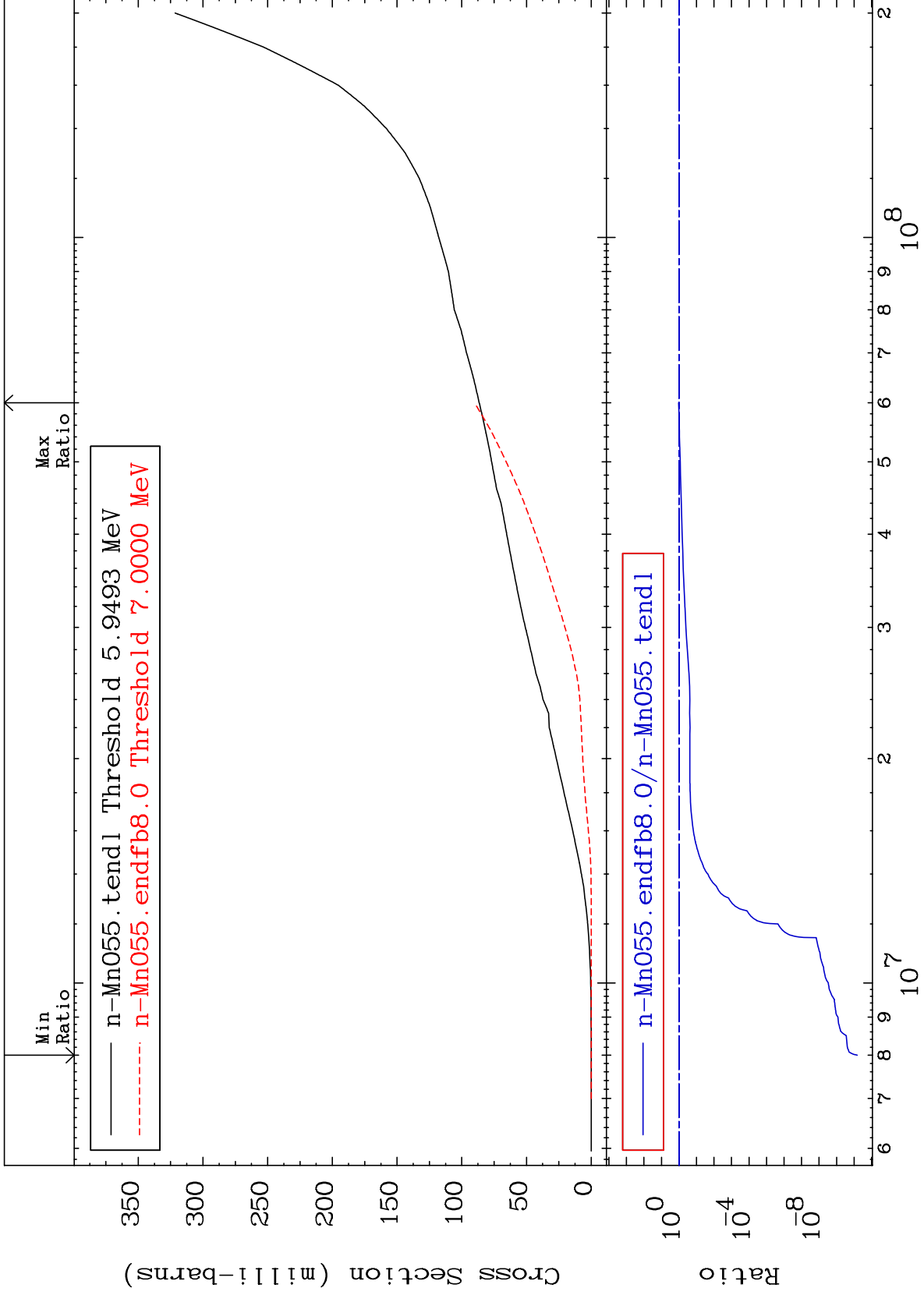
²⁵Mn-55
-100.0 To 99.63 %



MAT 2525

Deuterium Production
Cross Section

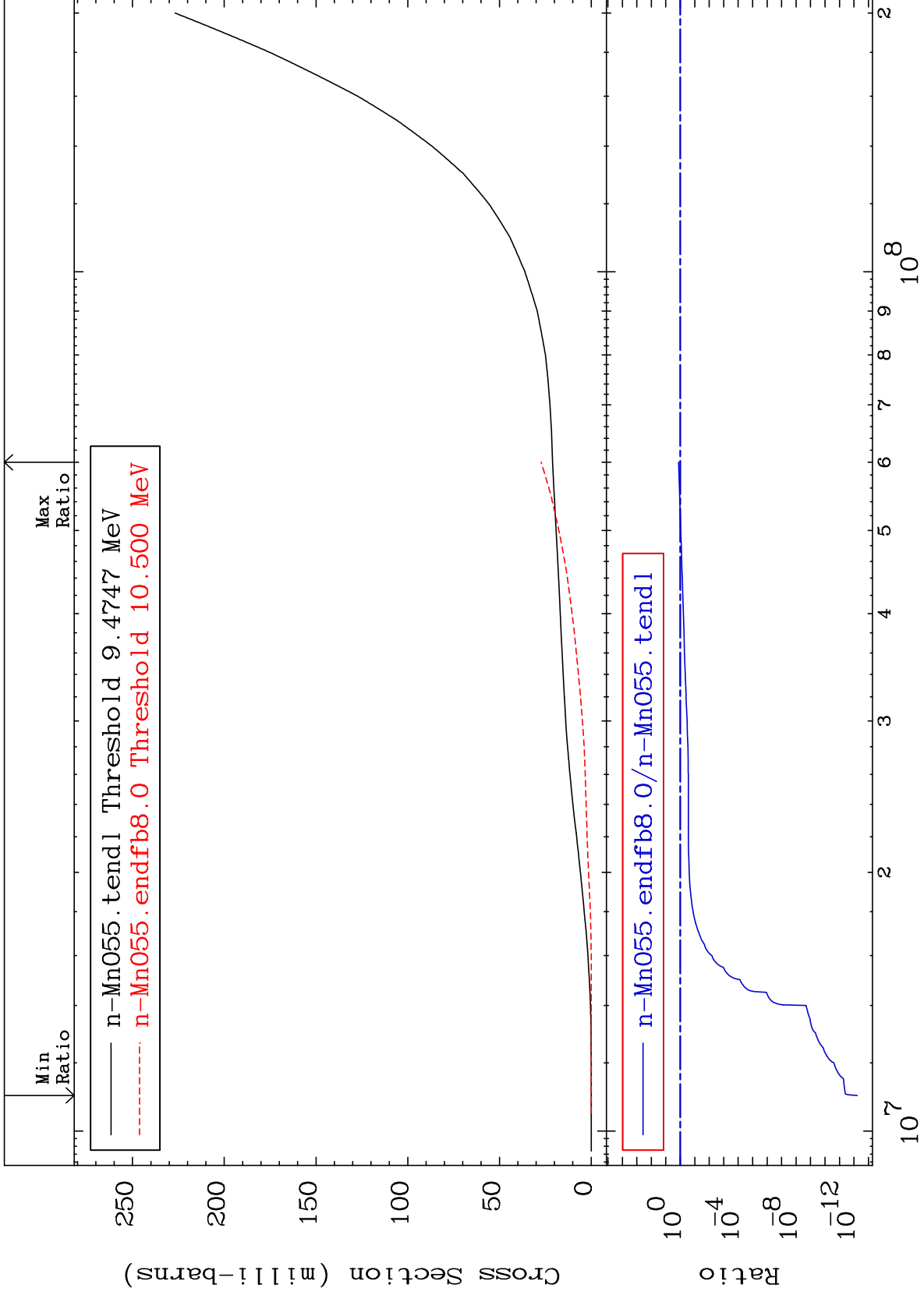
²⁵Mn-55
-100.0 To 4.198 %



MAT 2525

Tritium Production
Cross Section

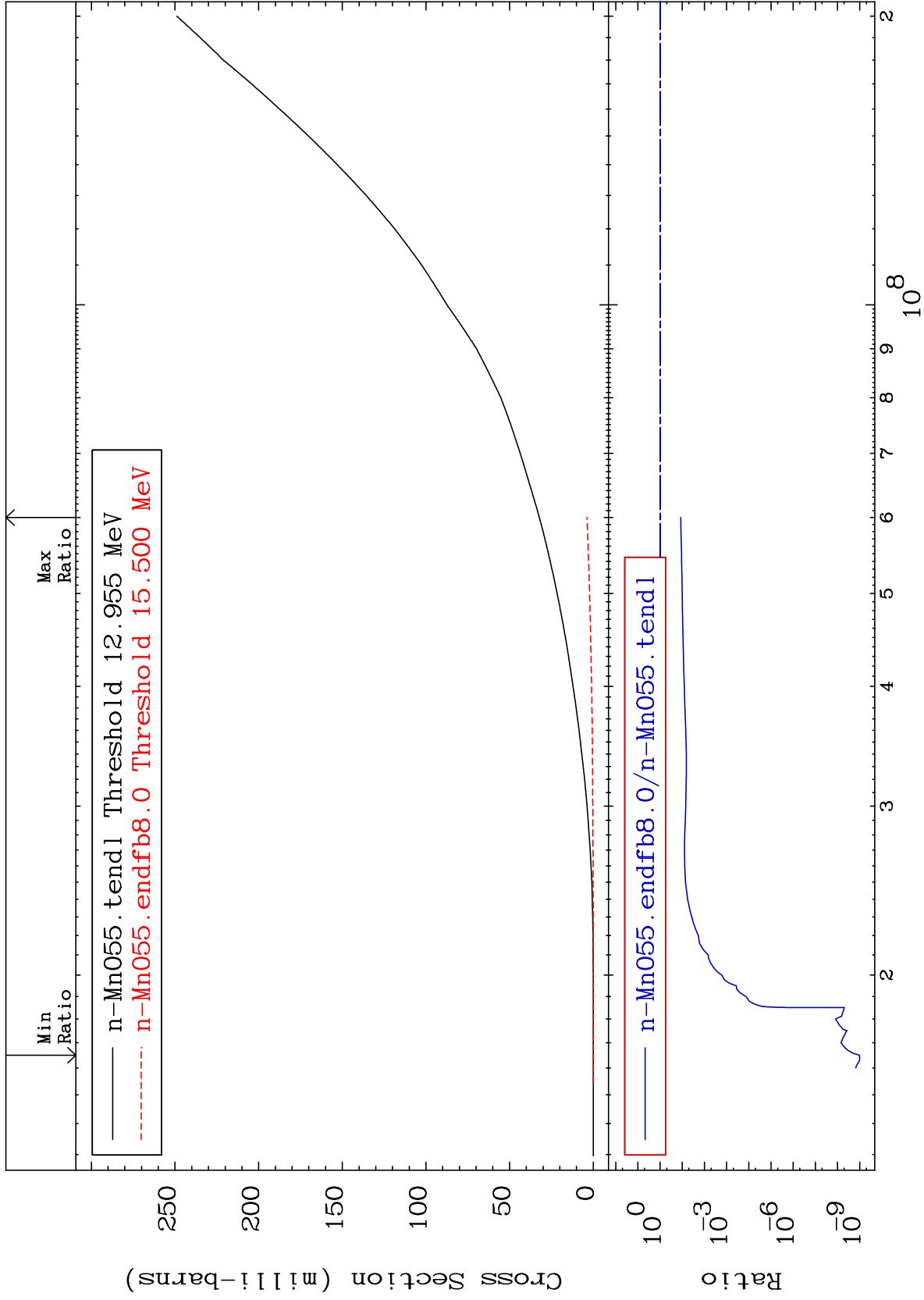
²⁵Mn-55
-100.0 To 29.66 %



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Incident Energy (eV)

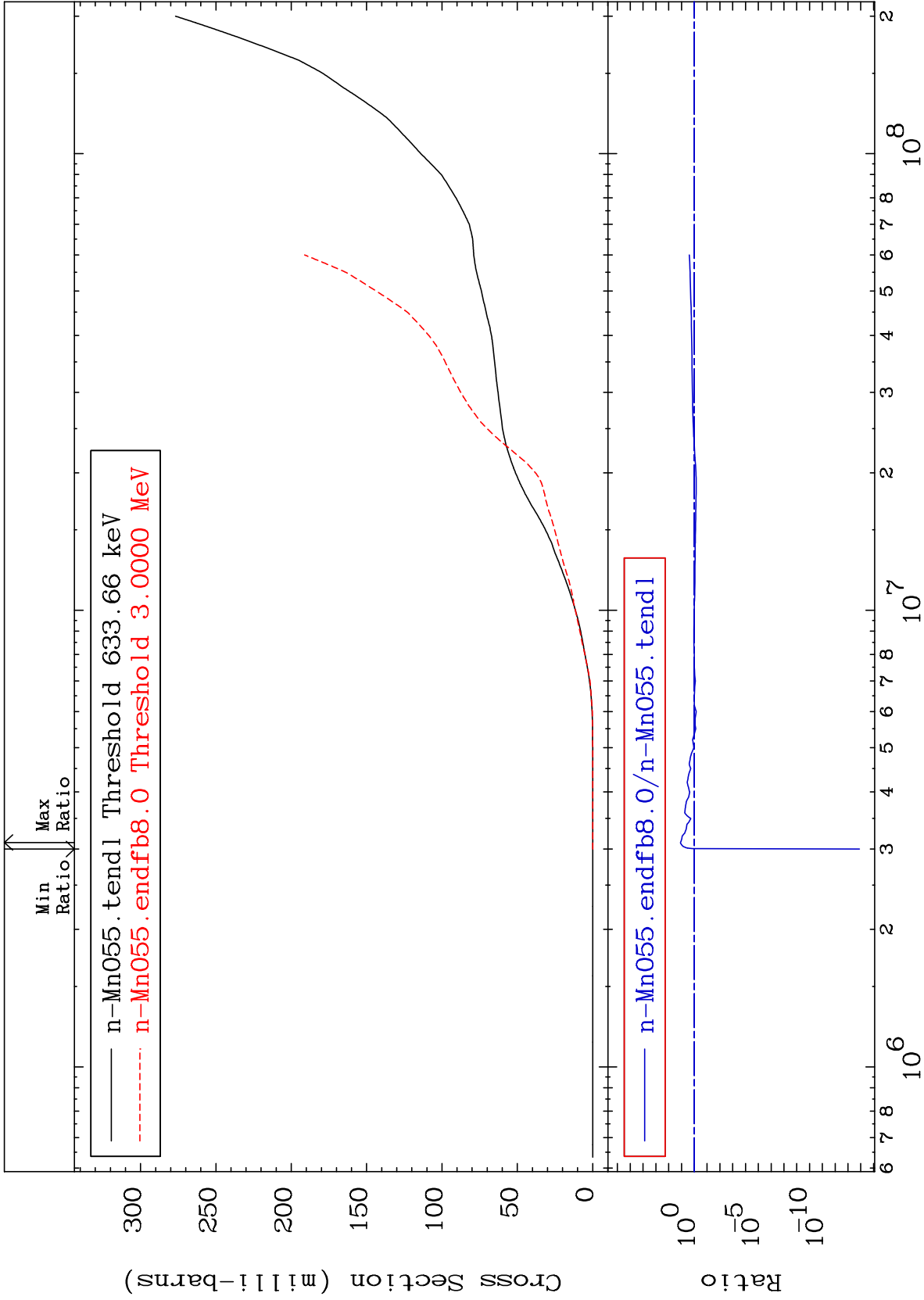
²⁵Mn-55



MAT 2525

He-4 Production
Cross Section

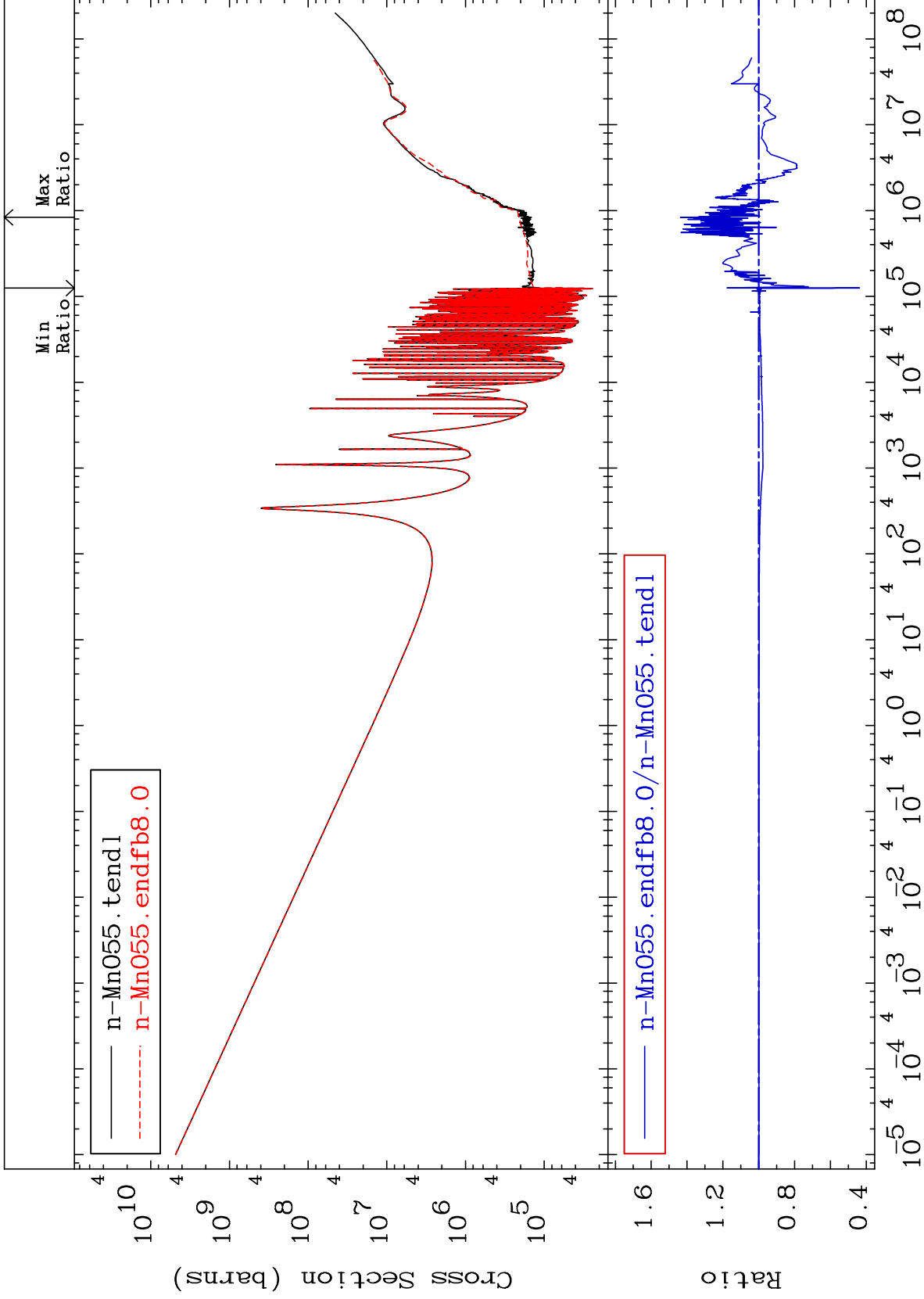
²⁵Mn-55
-100.0 To 1120. %



45

Incident Energy (eV)

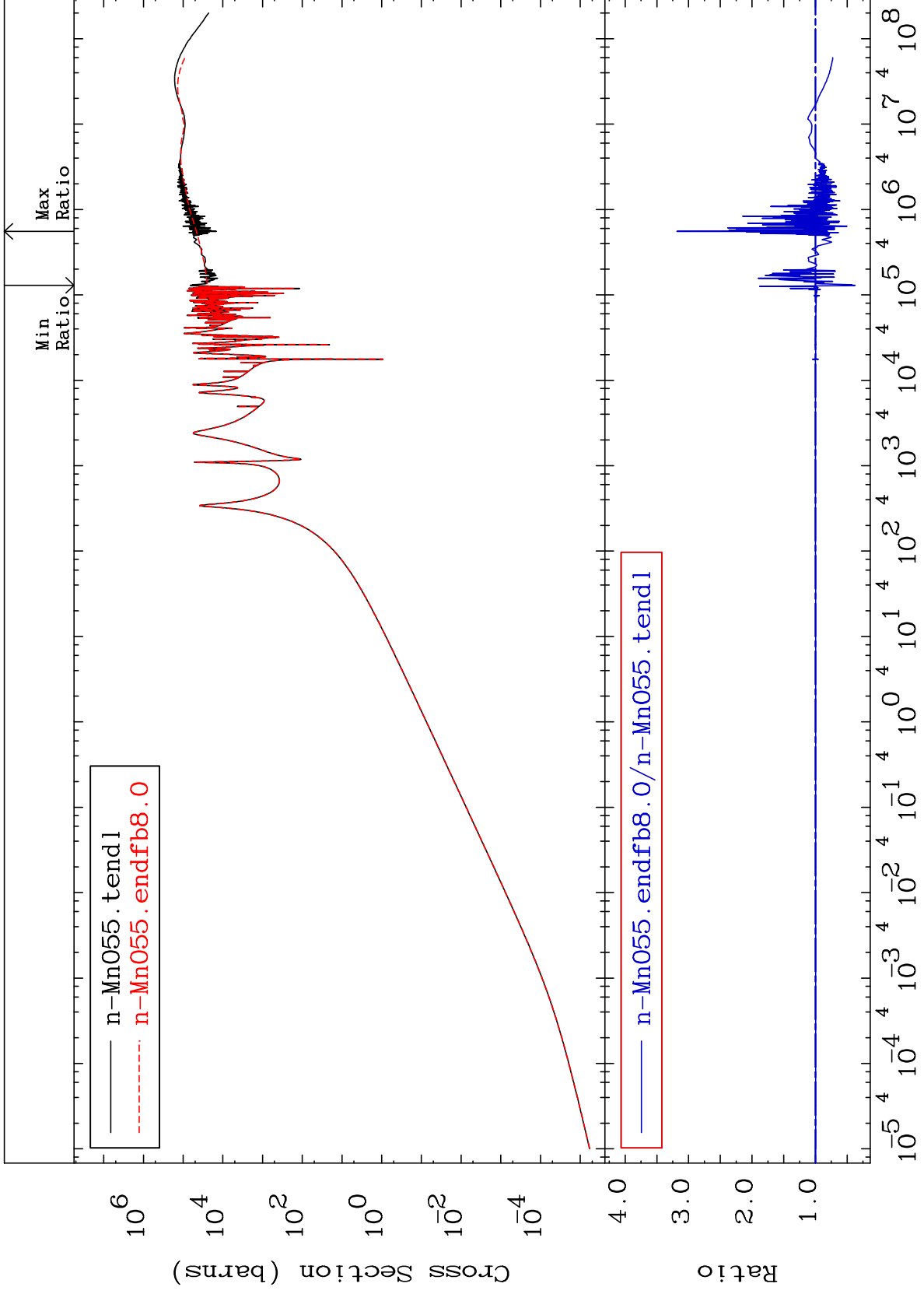
²⁵Mn-55

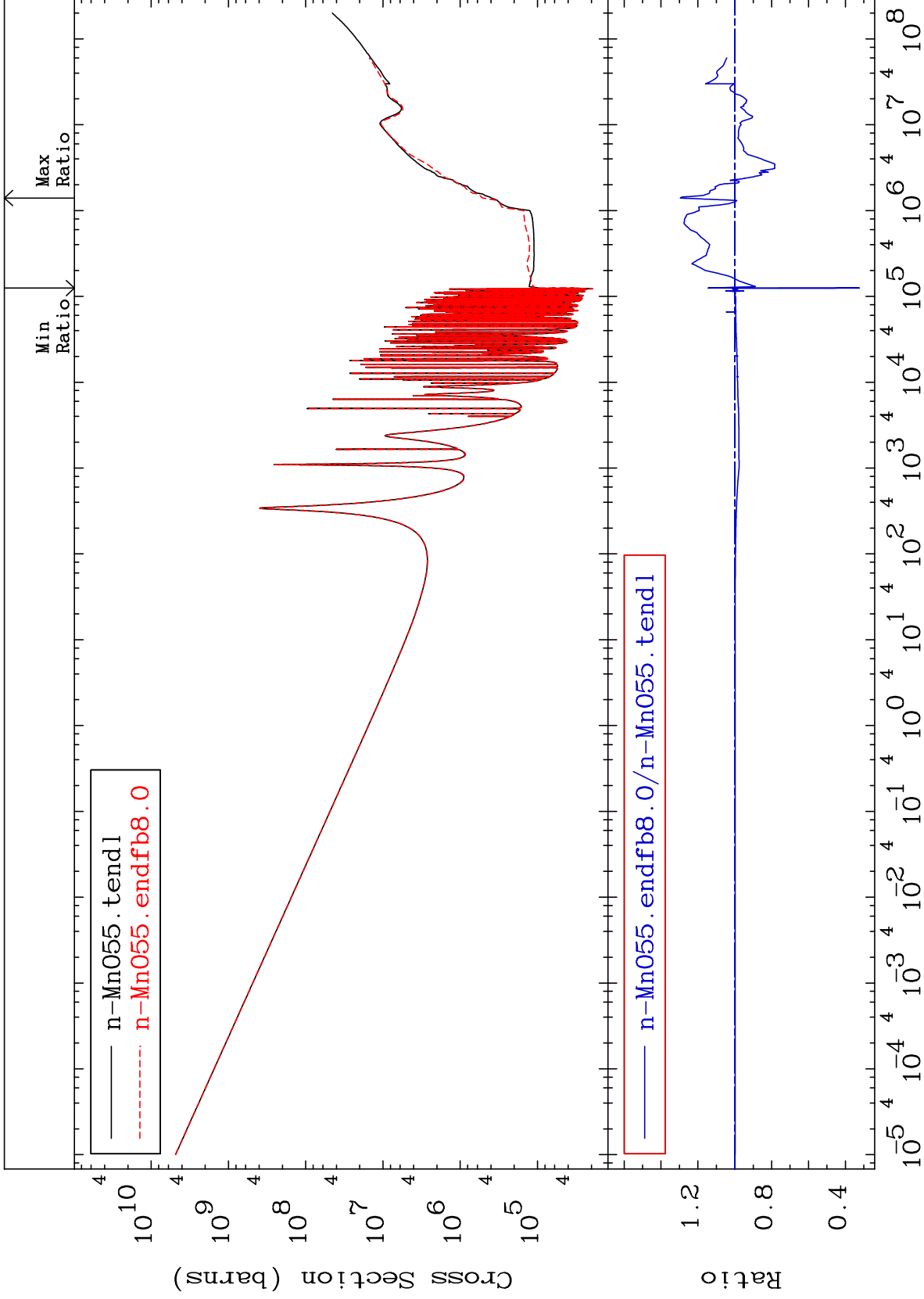


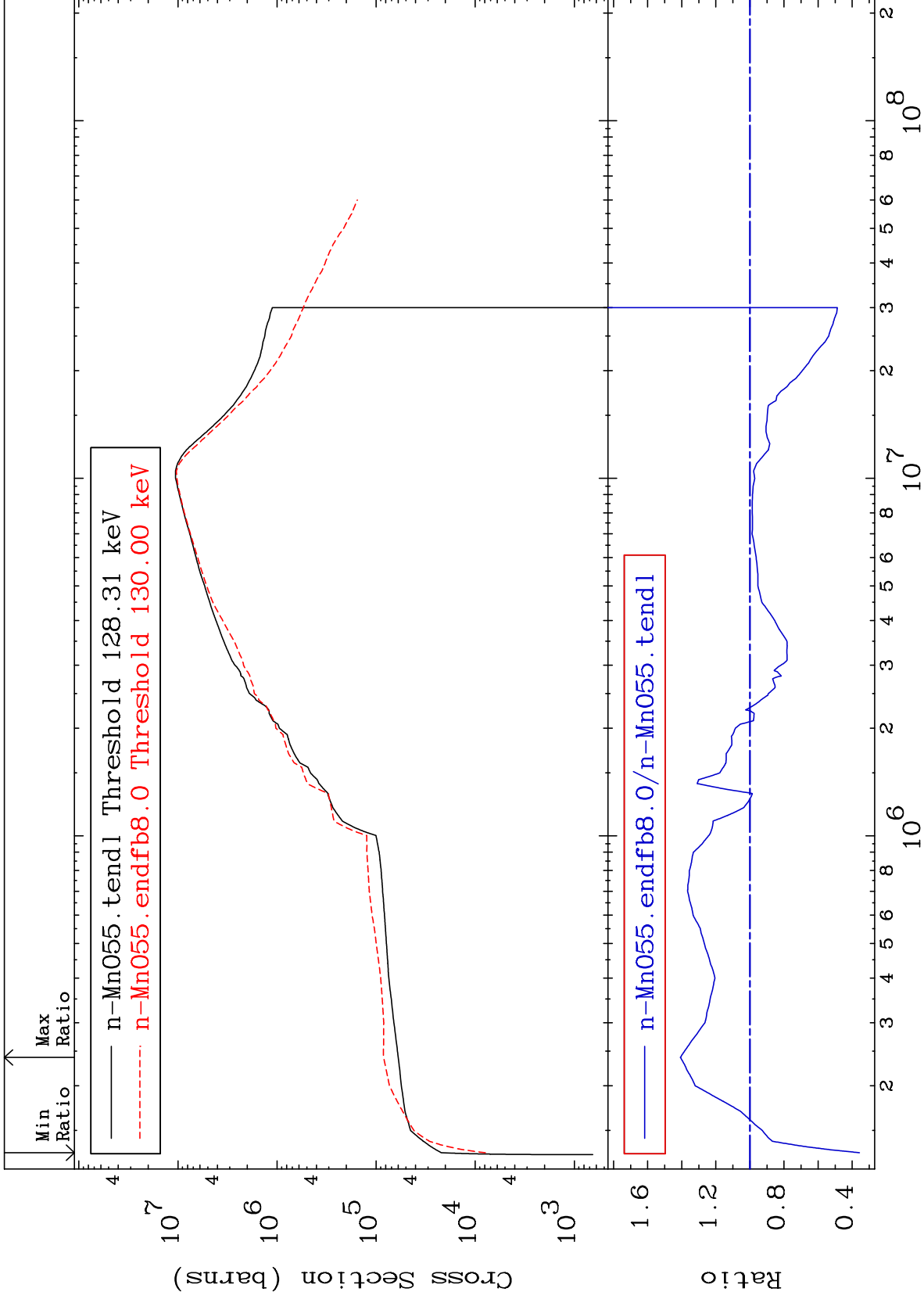
MAT 2525

Kerma elastic
Cross Section

25-Mn-55
-62.47 To 218.4 %



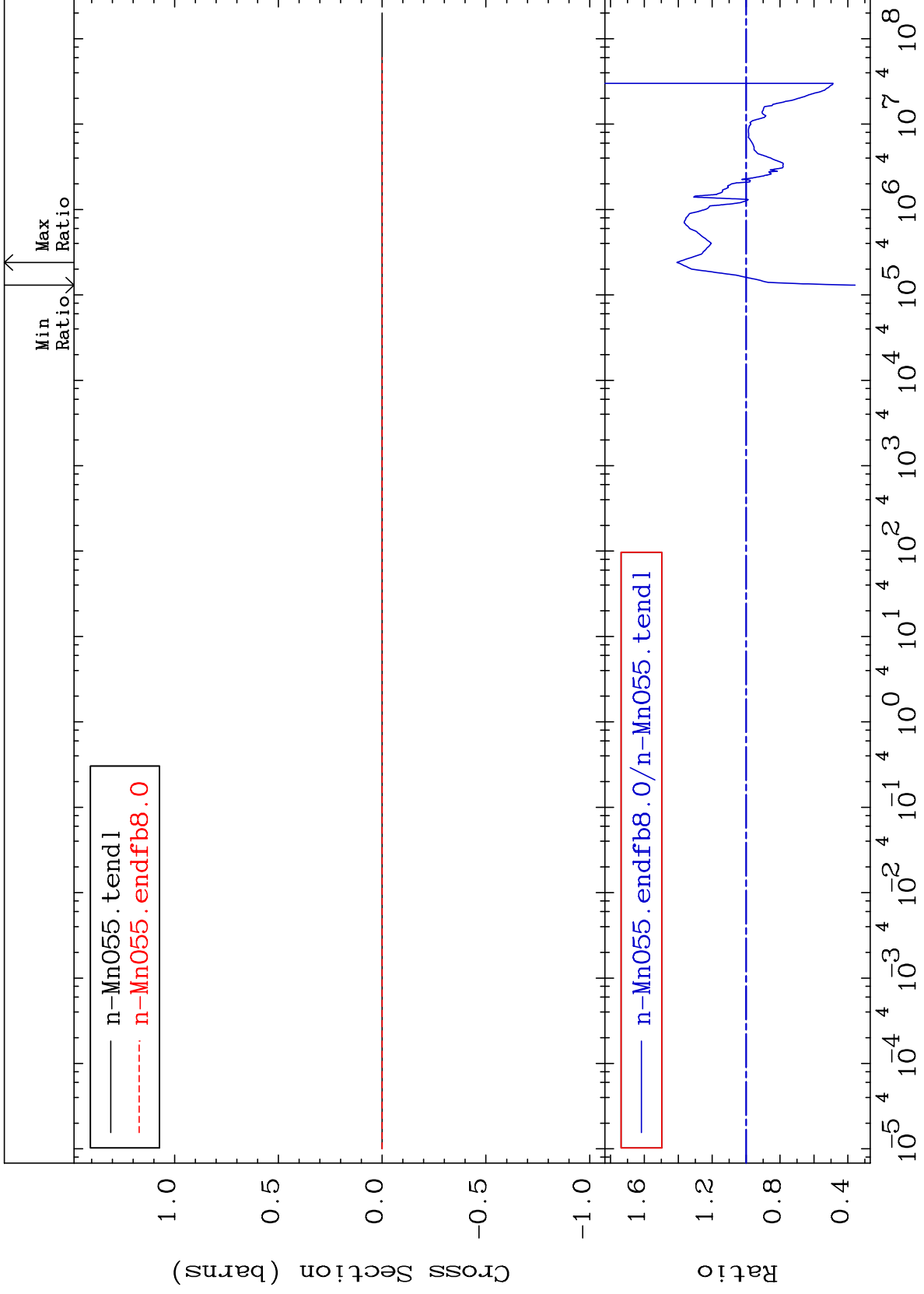




MAT 2525

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

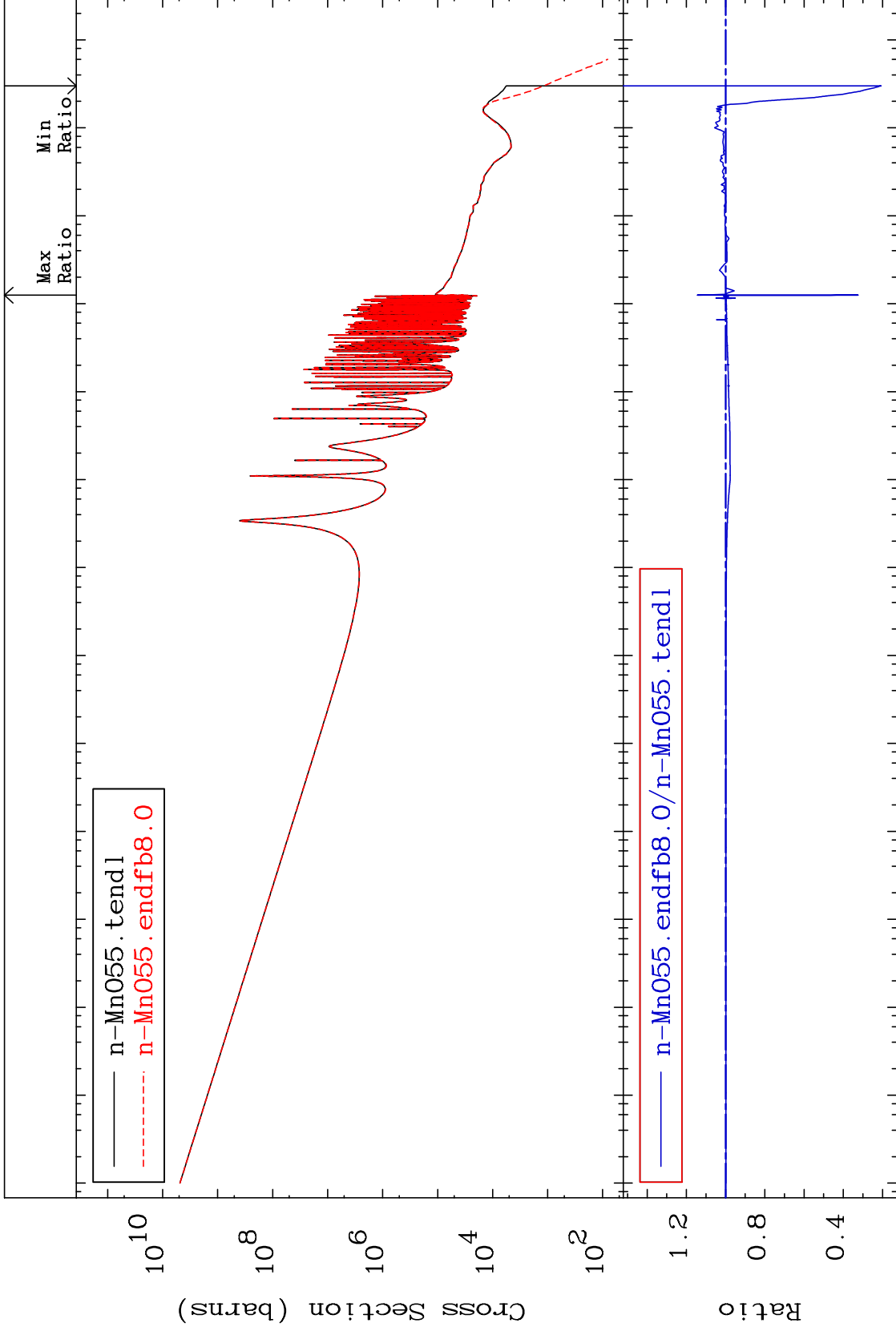
25-Mn-55
-64.23 To 40.83 %



MAT 2525

Kerma capture (mt102)
Cross Section

25-Mn-55
-79.27 To 14.33 %



51

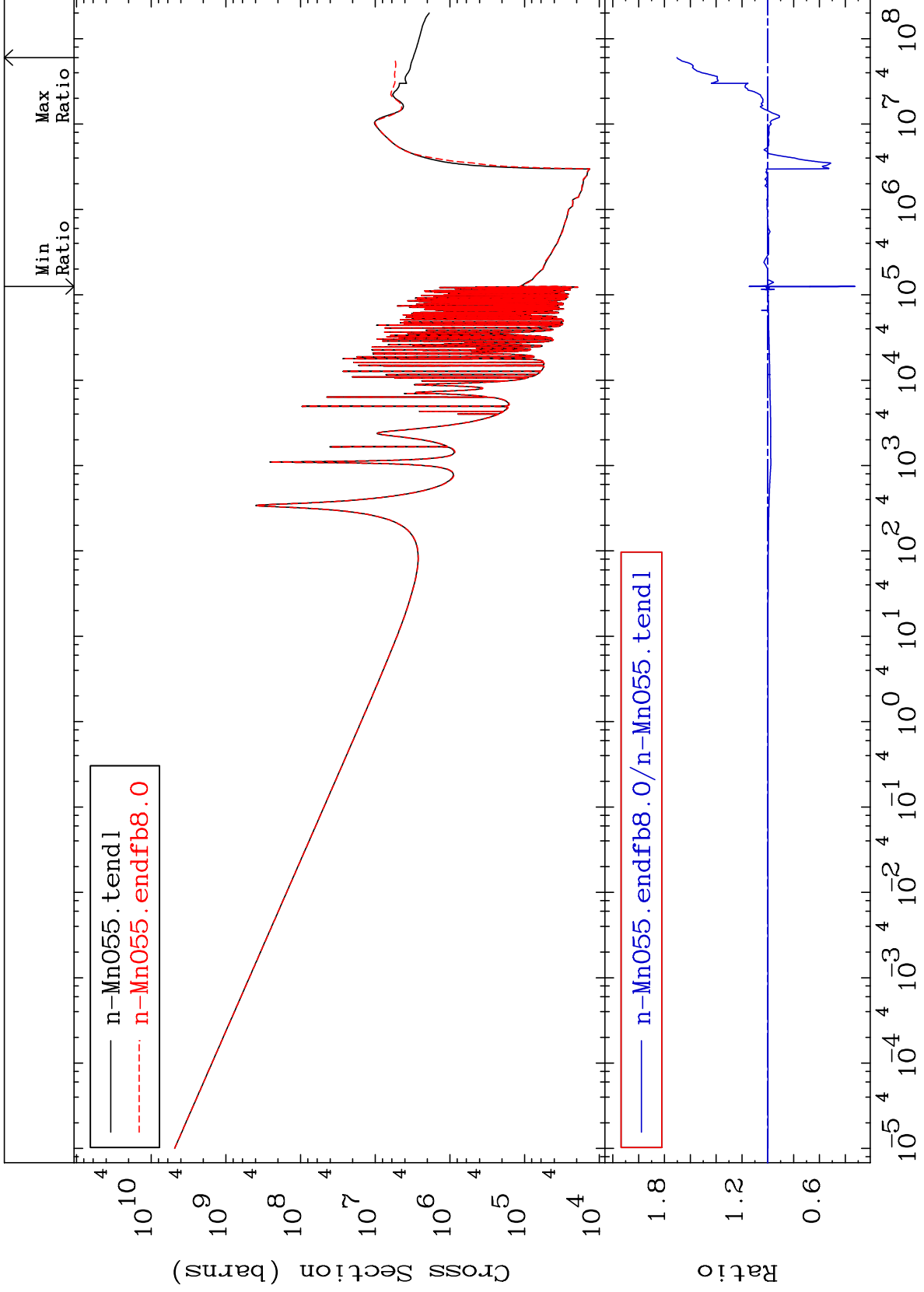
Incident Energy (eV)

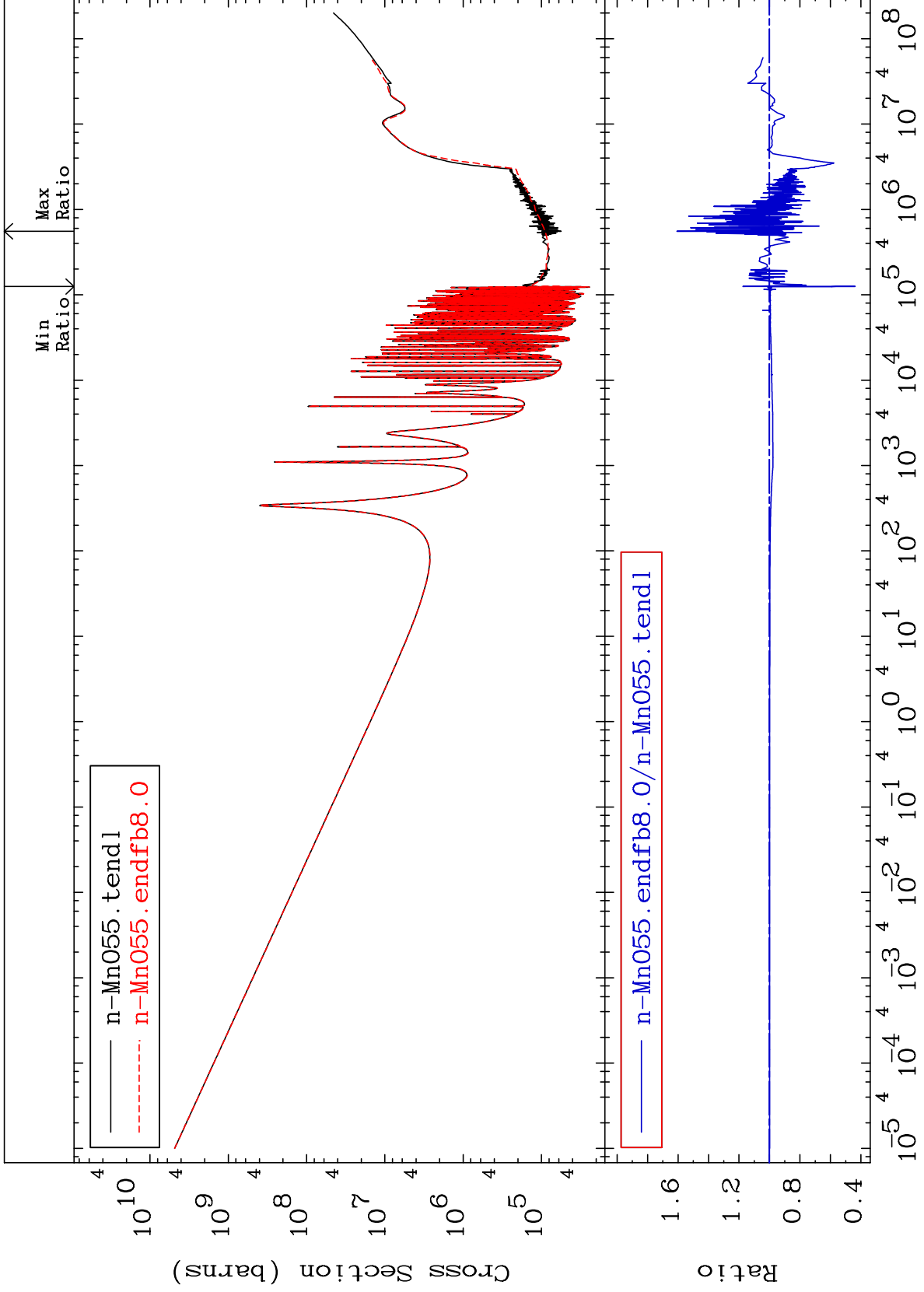
25-Mn-55

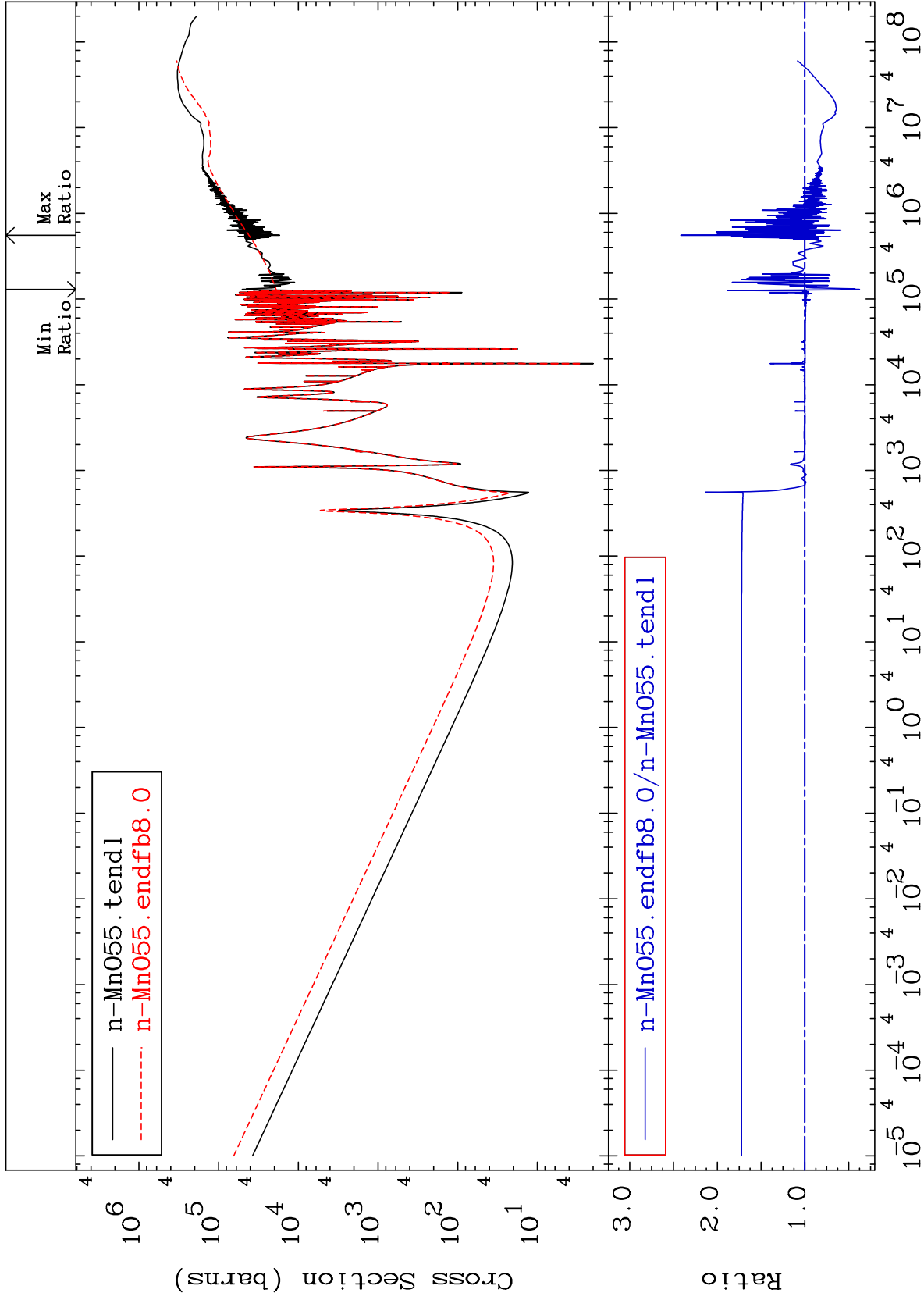
MAT 2525

Total photon (eV-barns)
Cross Section

25-Mn-55
-67.62 To 70.36 %



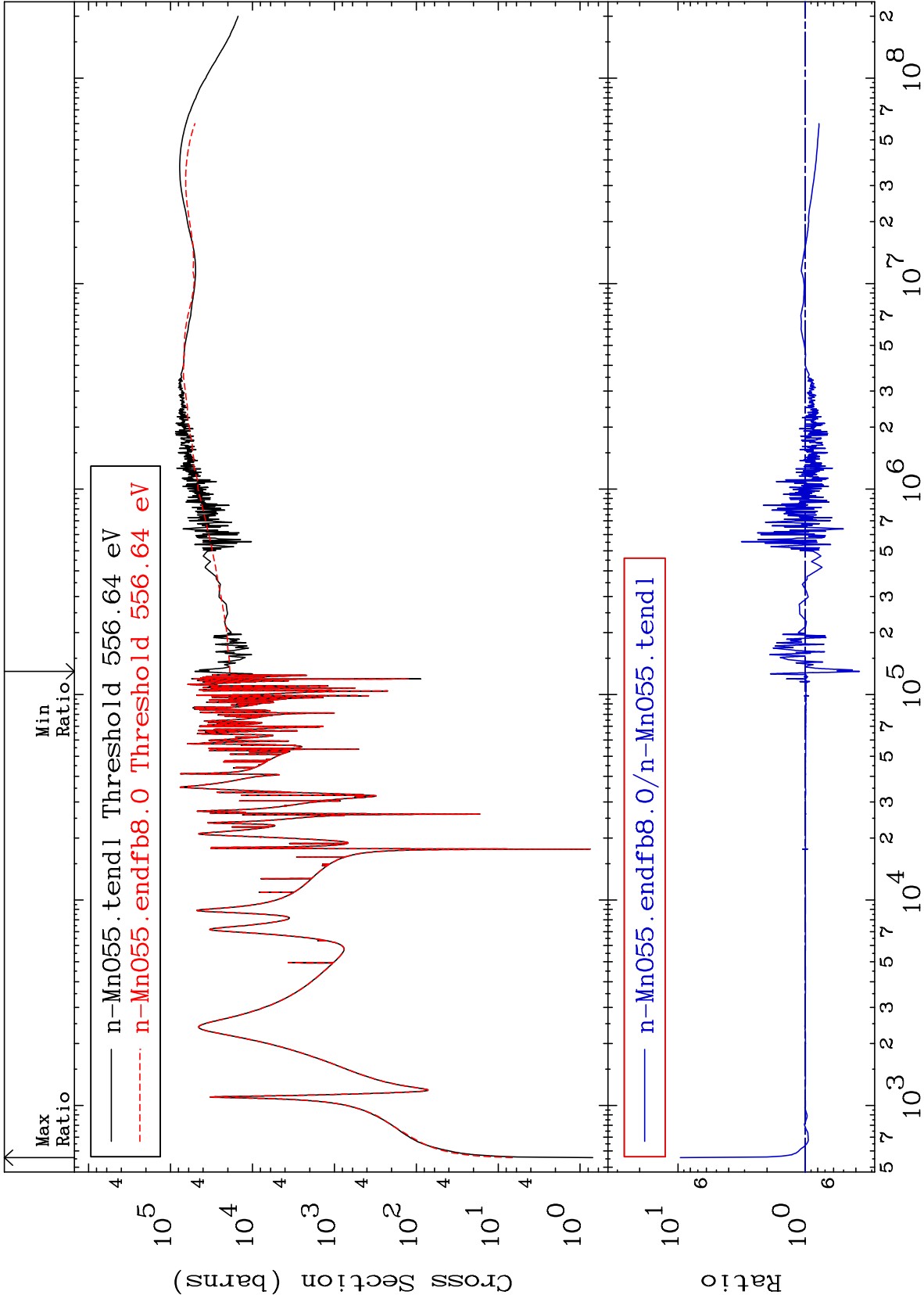




MAT 2525

Dpa elastic (mt2)
Cross Section

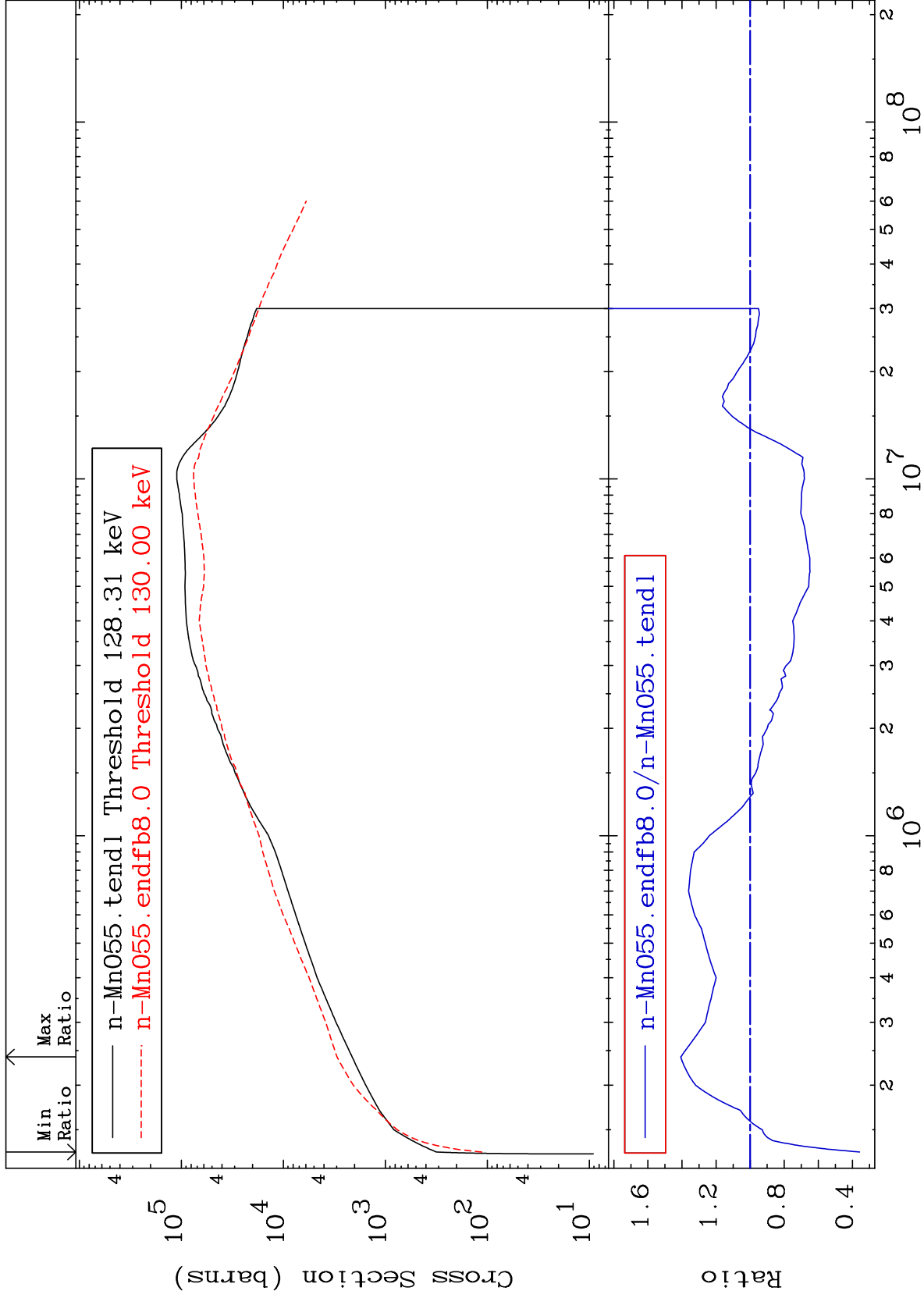
25-Mn-55
-62.45 To 859.2 %



55

Incident Energy (eV)

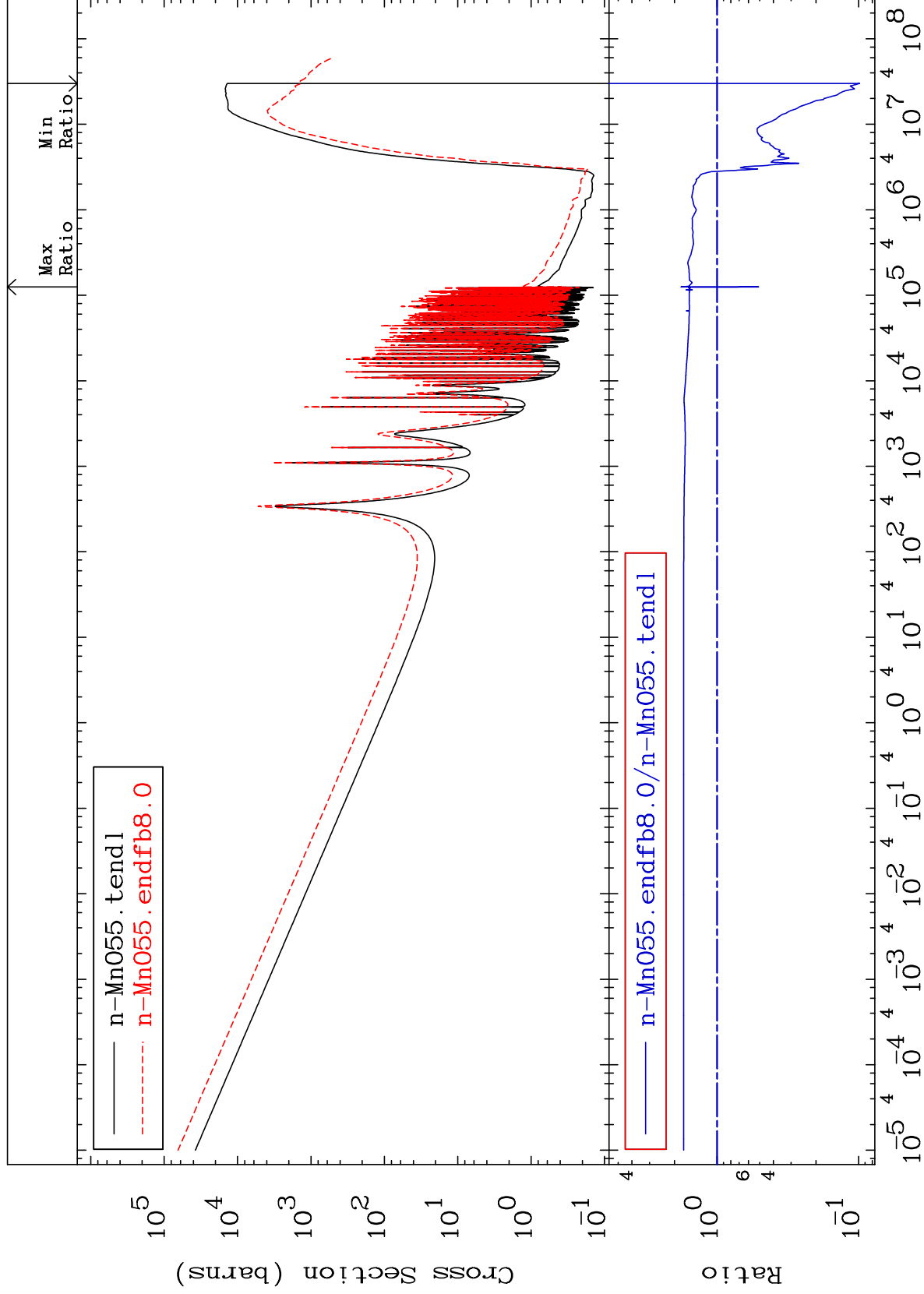
25-Mn-55



MAT 2525

Dpa disappearance (mt102 -120)
Cross Section

25-Mn-55
-90.16 To 79.39 %



57

Incident Energy (eV)

25-Mn-55