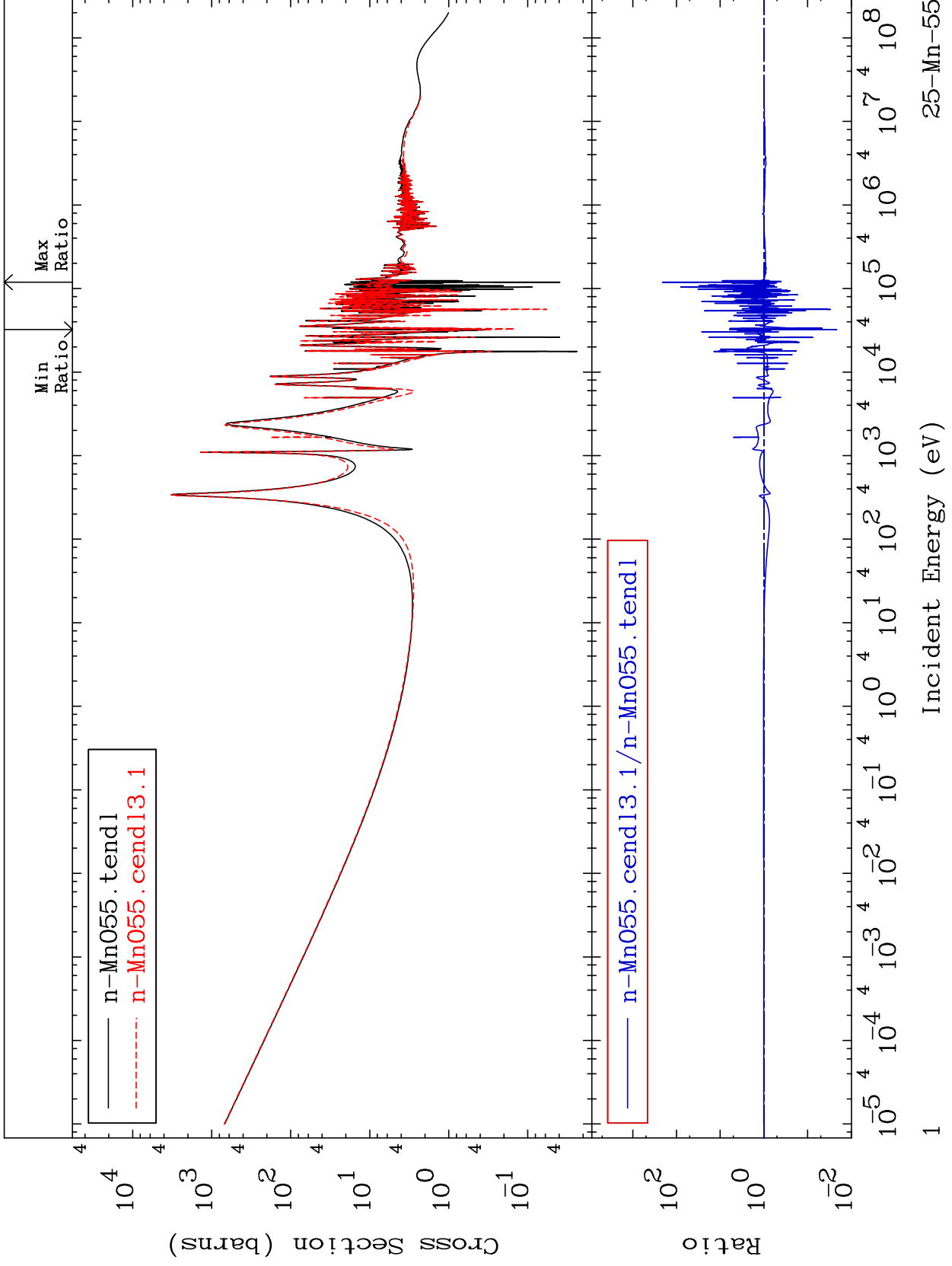


MAT 2525

Total
Cross Section

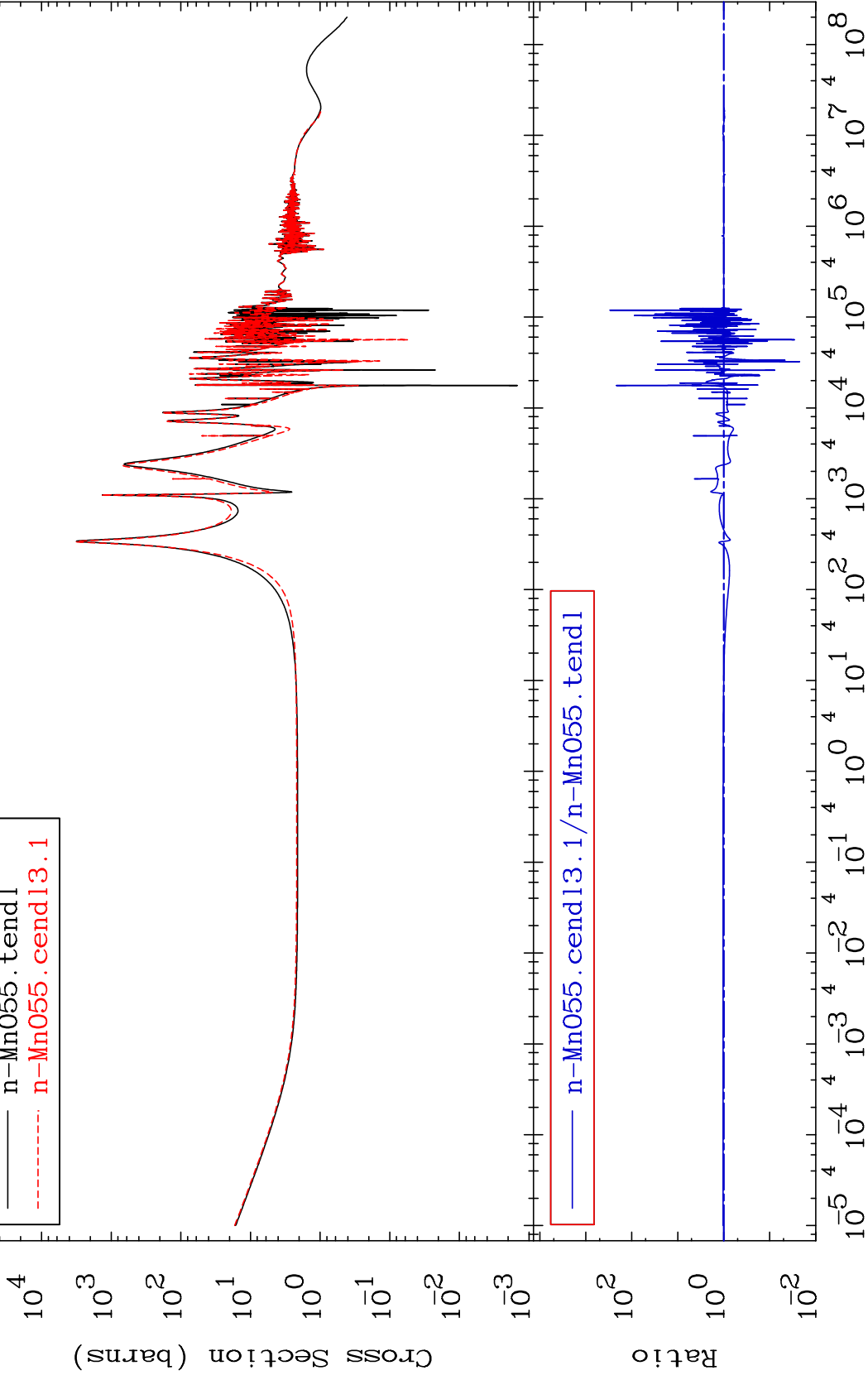
25-Mn-55
-97.83 To 9999. %



MAT 2525

Elastic
Cross Section

25-Mn-55
-97.77 To 9999. %



Incident Energy (eV)

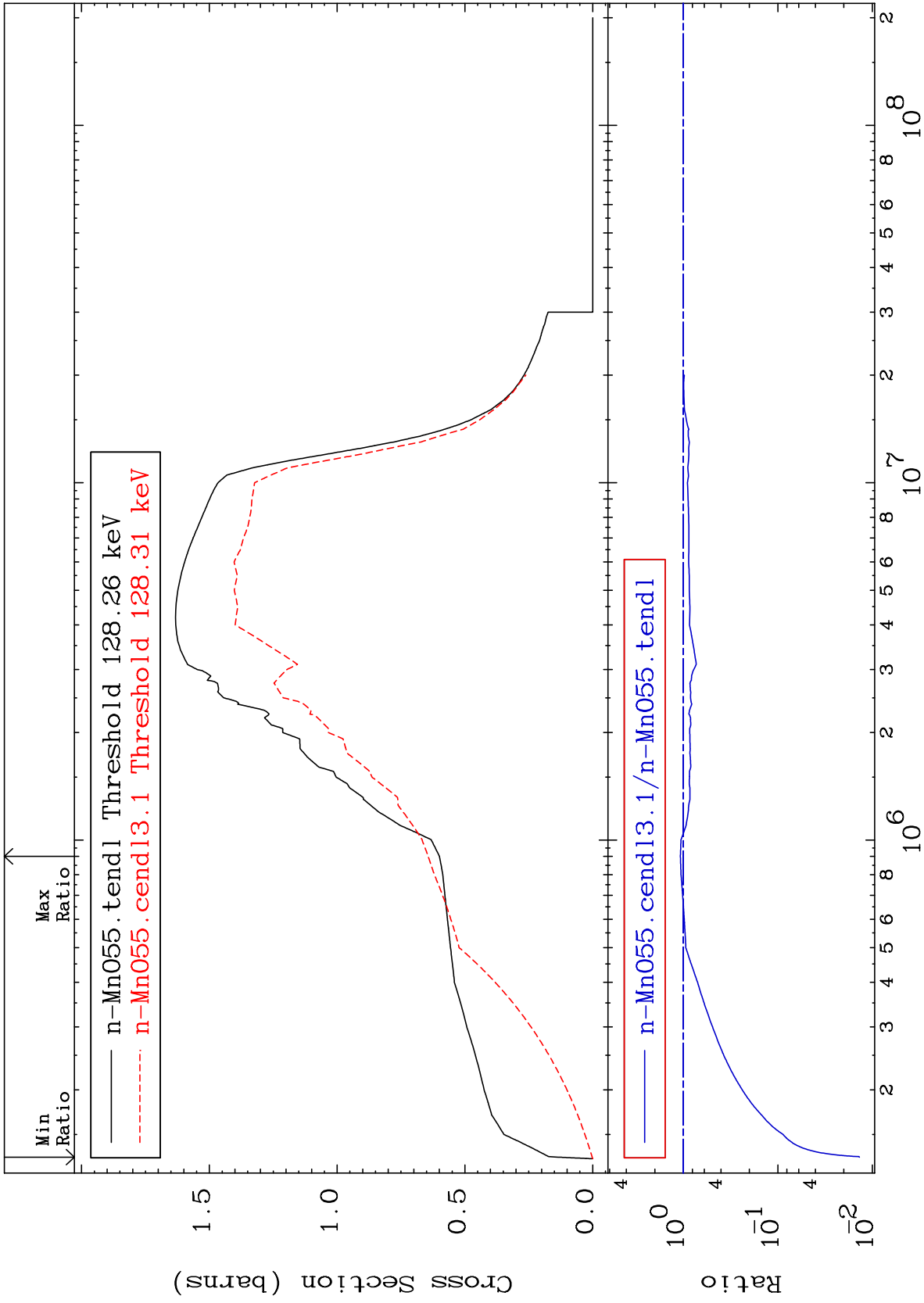
25-Mn-55

2

MAT 2525

Inelastic
Cross Section

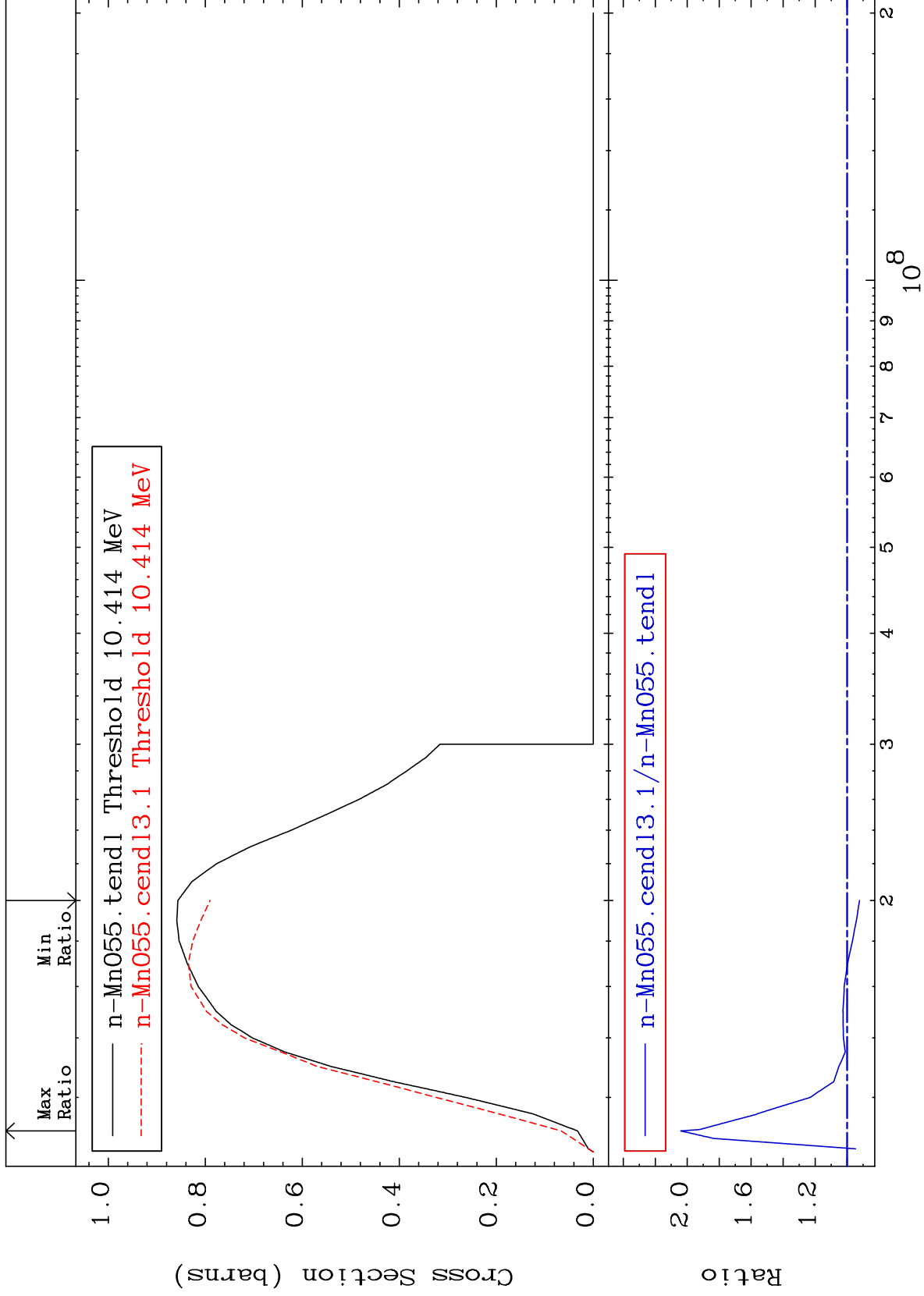
25-Mn-55
-98.63 To 7.325 %



MAT 2525

(n,2n)
Cross Section

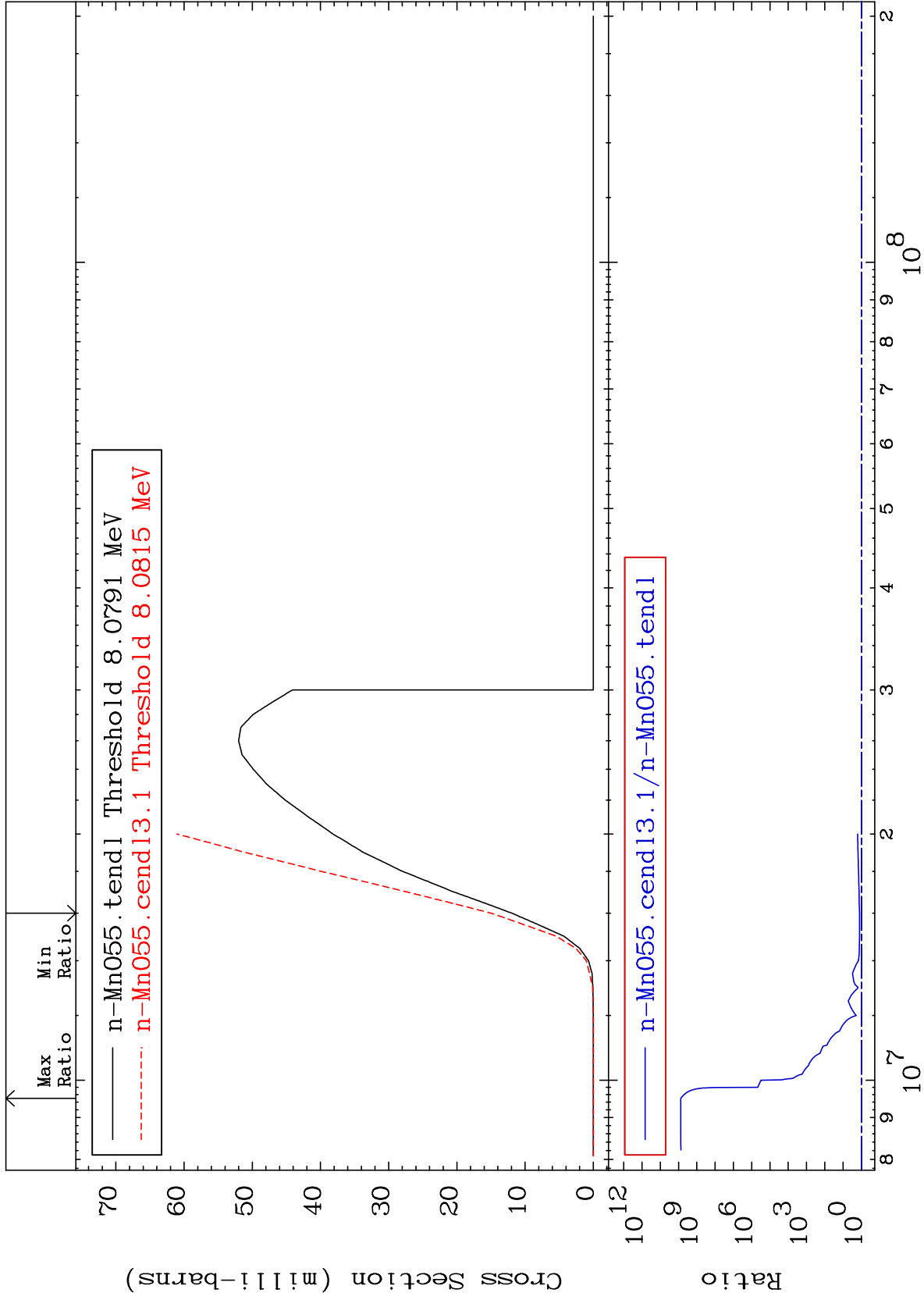
25-Mn-55
-7.757 To 104.0 %



MAT 2525

(n,n') α
Cross Section

25-Mn-55
25.32 To 9999. %



5

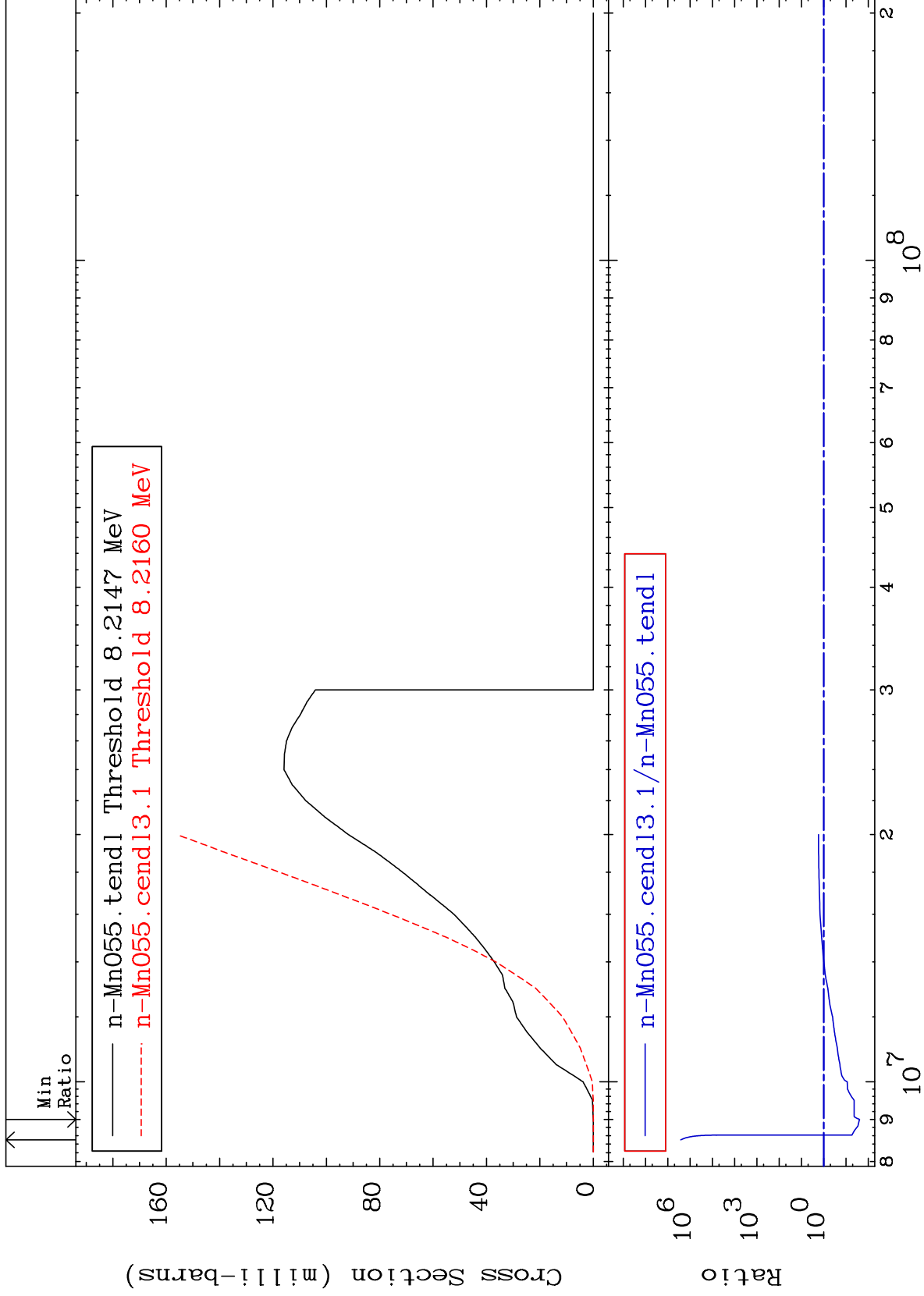
25-Mn-55

25-Mn-55

MAT 2525

(n,n') p
Cross Section

25-Mn-55
-97.53 To 9999. %



6

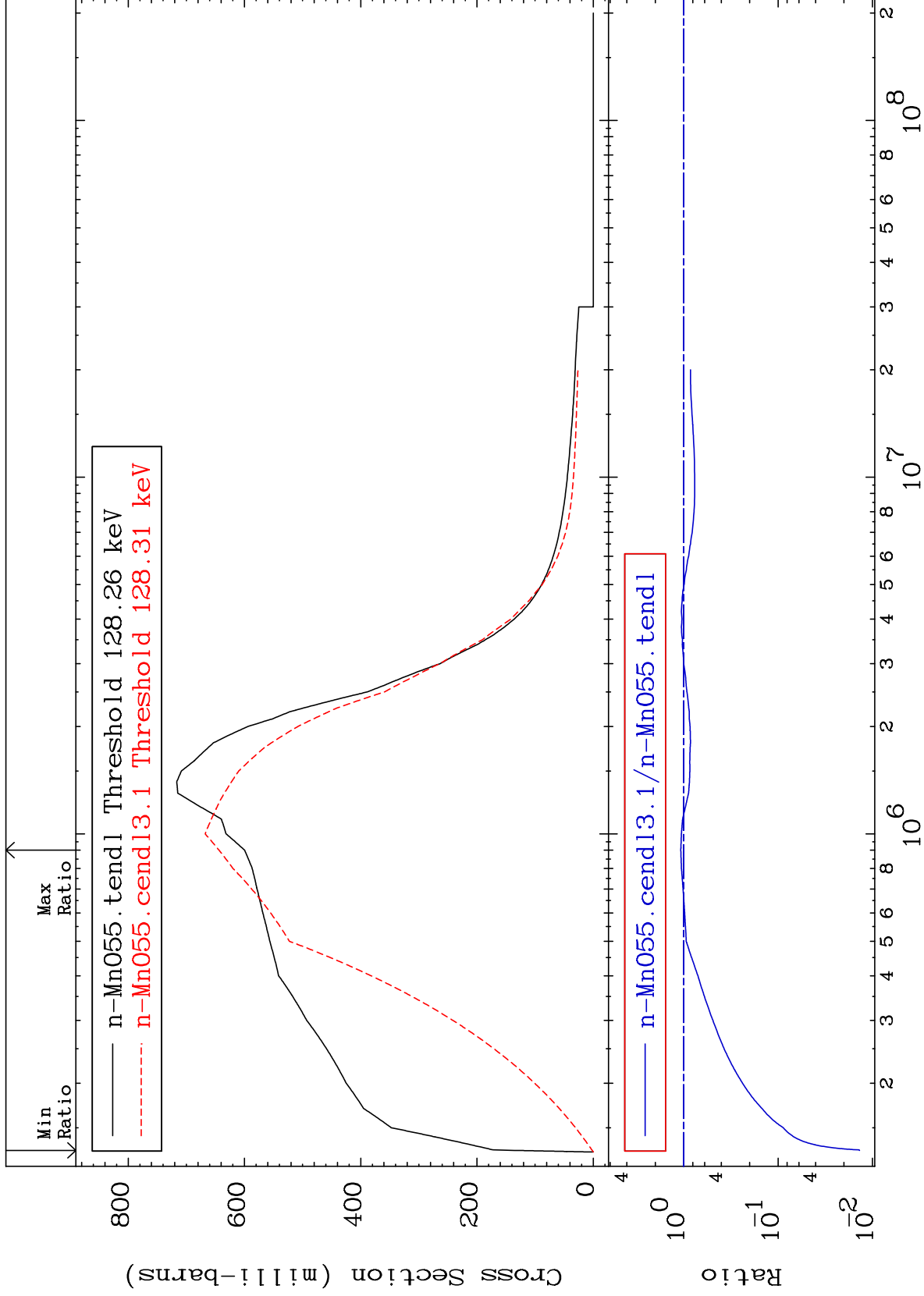
Incident Energy (eV)

25-Mn-55

MAT 2525

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

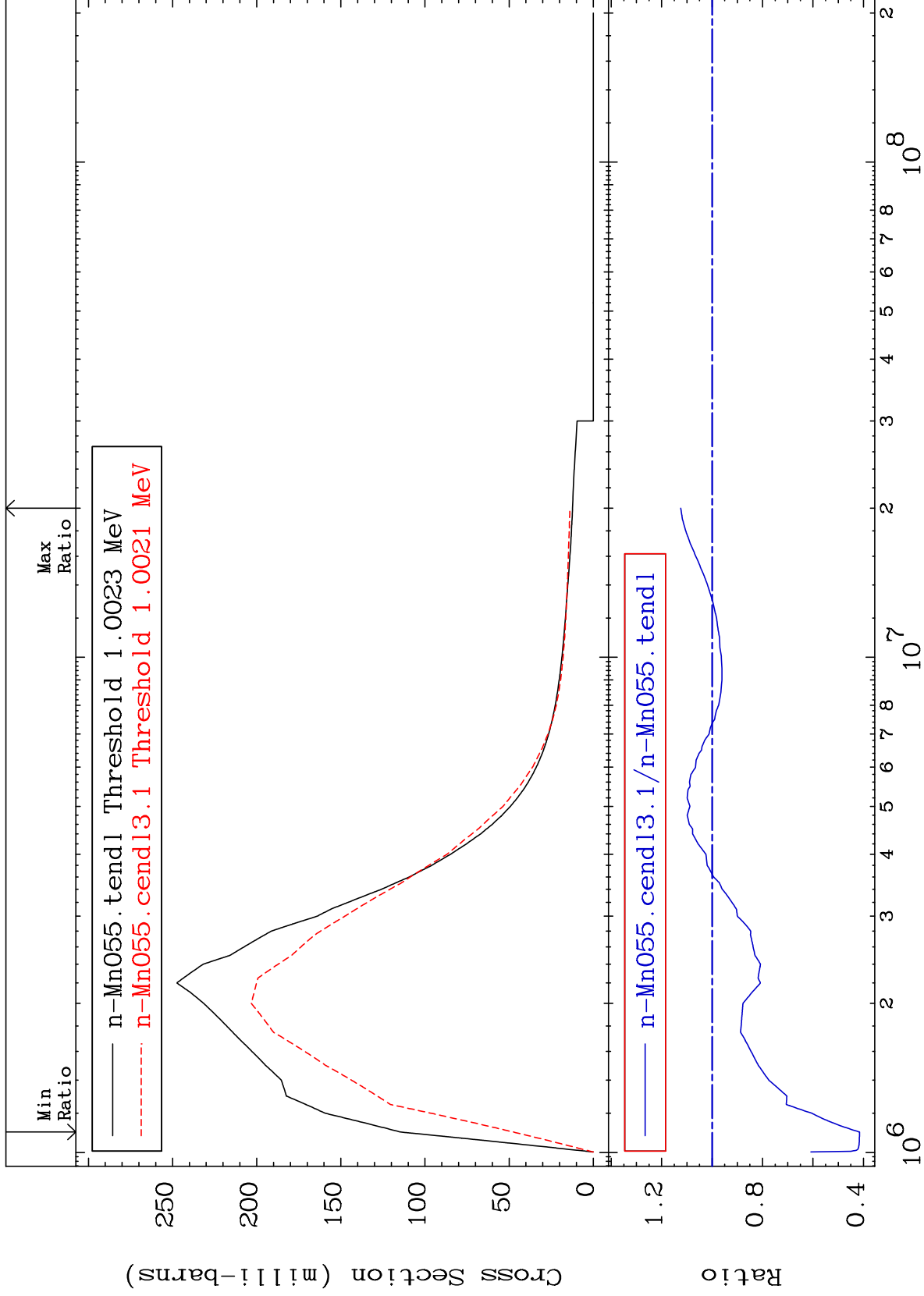
25-Mn-55
-98.63 To 7.325 %



MAT 2525

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

25-Mn-55
-58.45 To 12.42 %



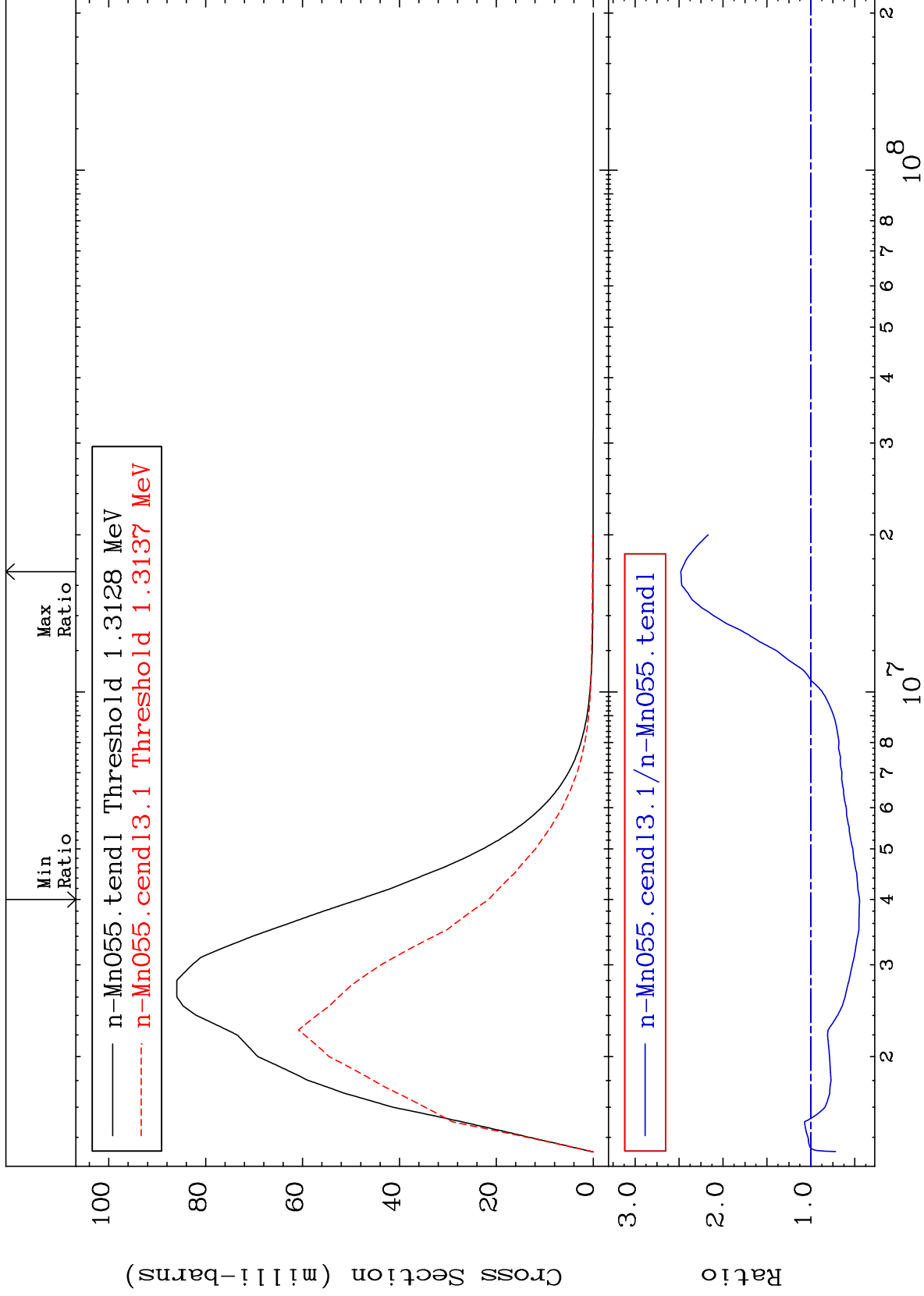
Incident Energy (eV)

25-Mn-55

MAT 2525

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

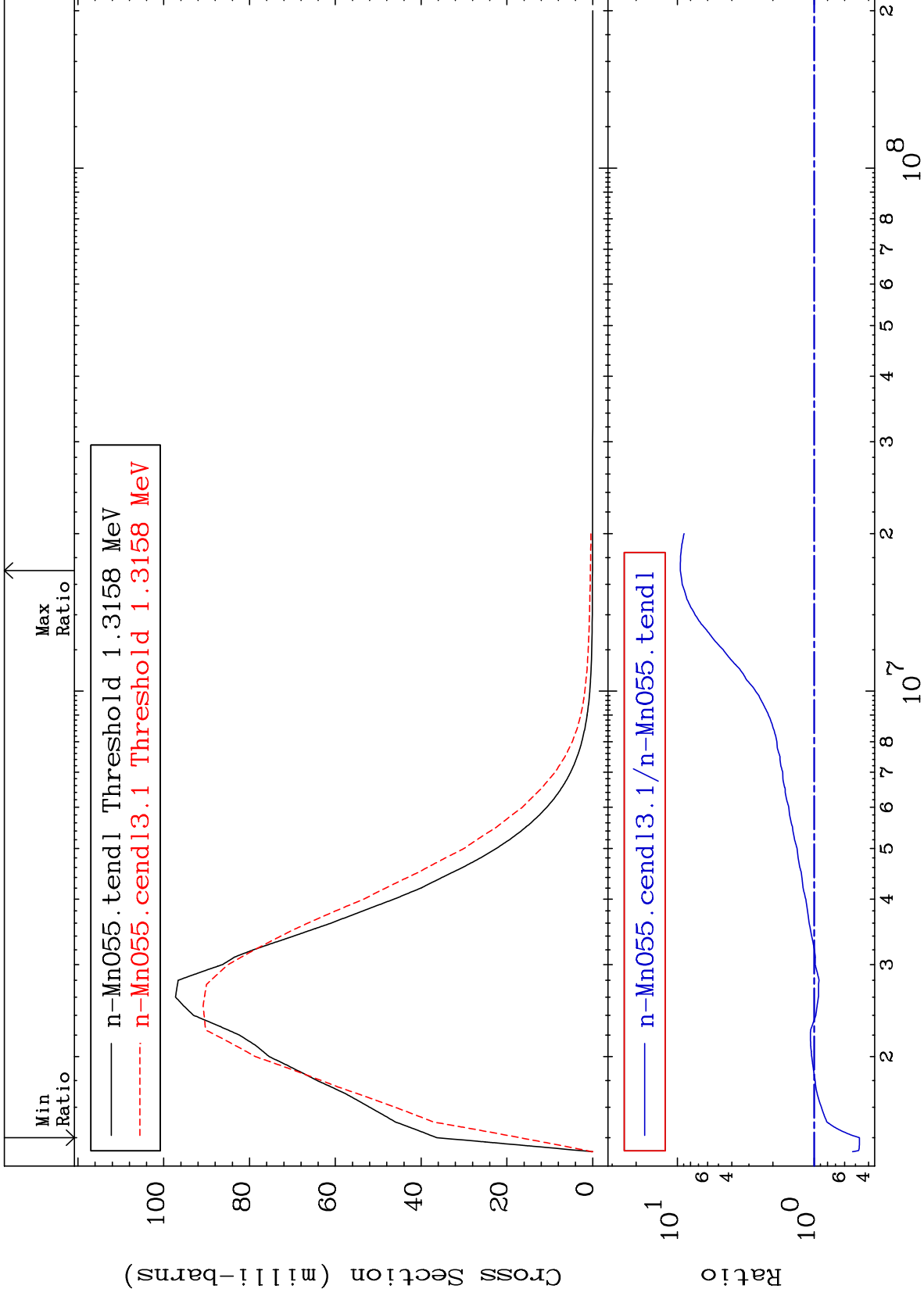
25-Mn-55
-55.36 To 148.0 %



MAT 2525

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

25-Mn-55
-53.30 To 850.7 %



10

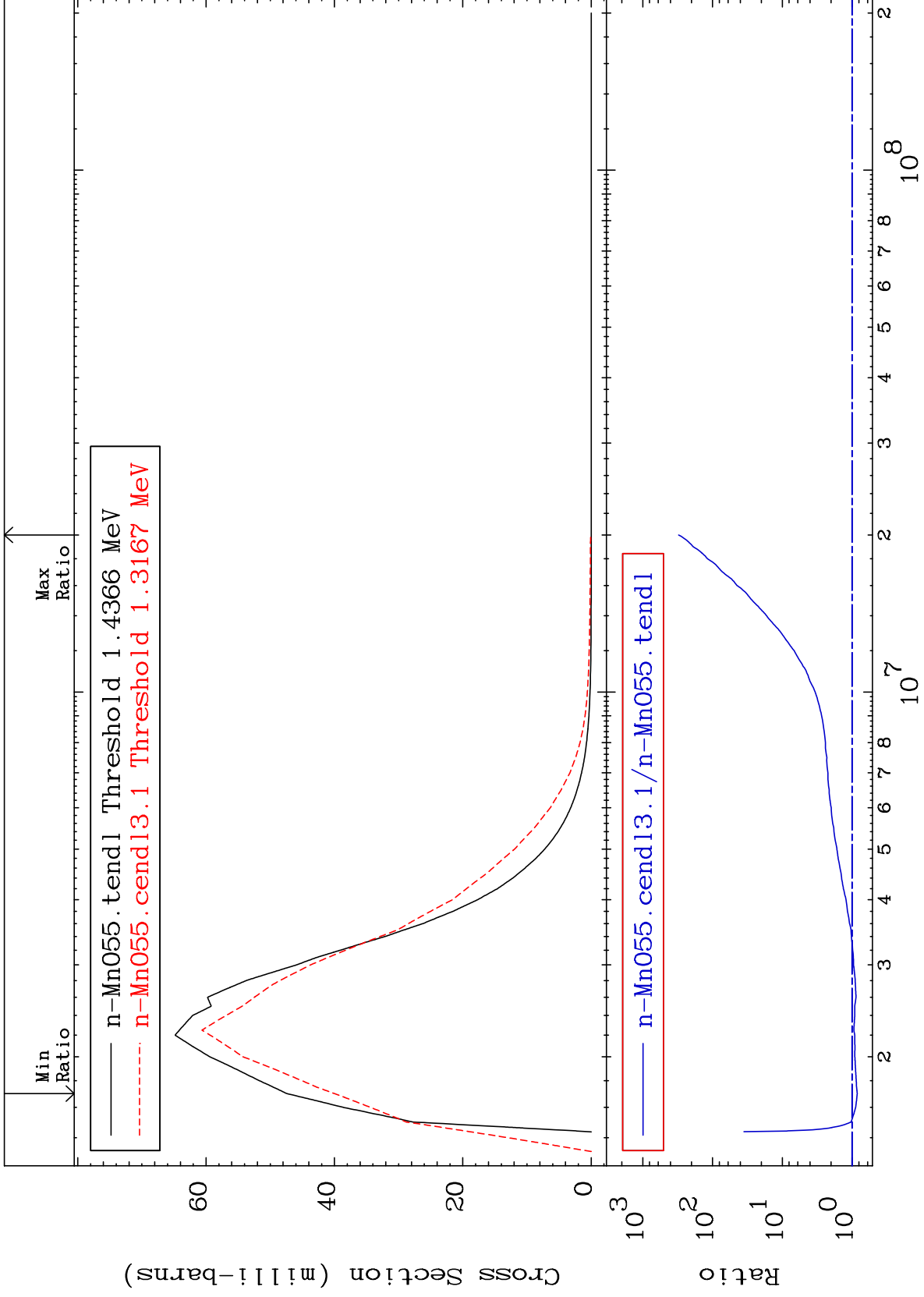
Incident Energy (eV)

25-Mn-55

MAT 2525

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

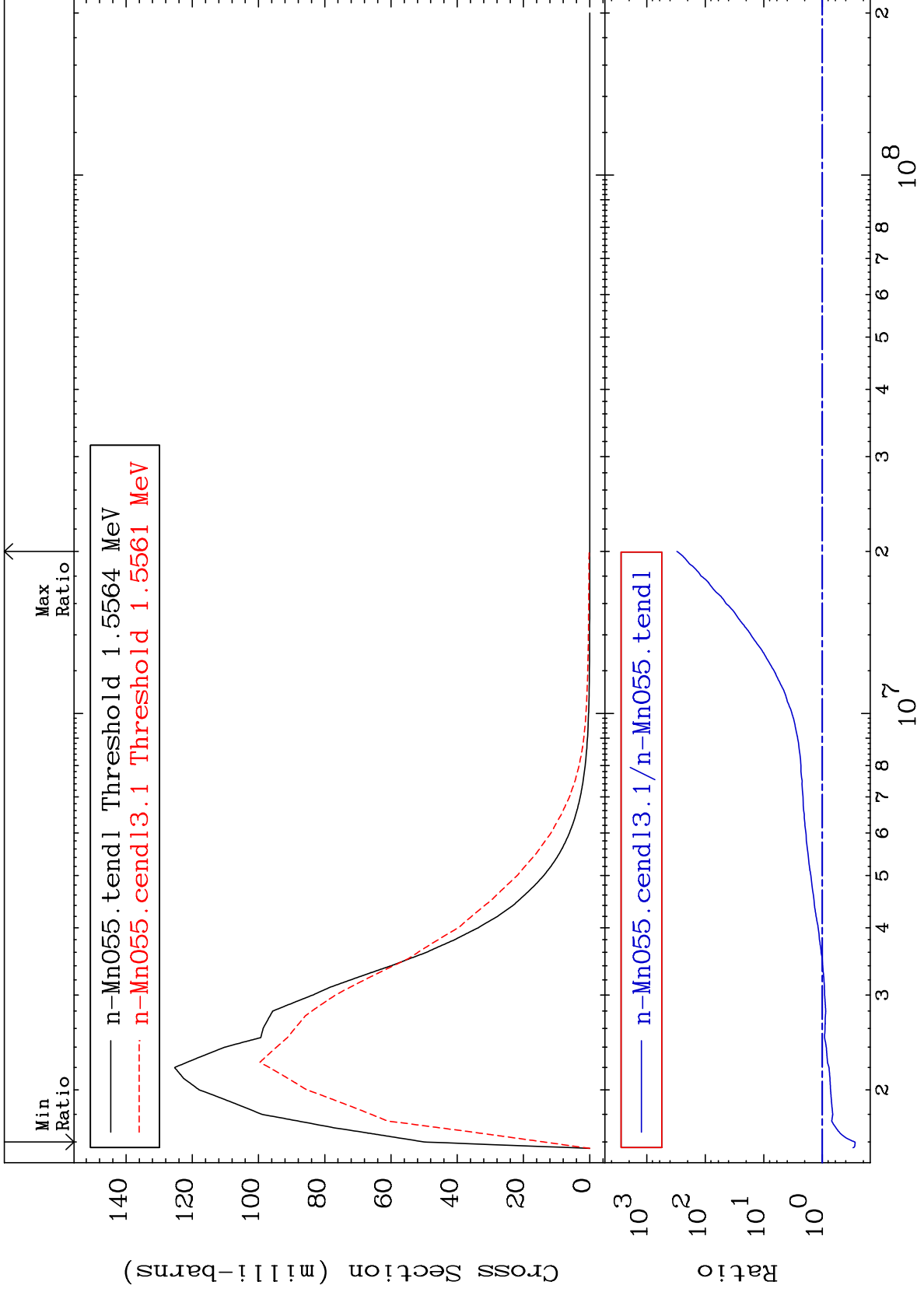
25-Mn-55
-15.66 To 9999. %



MAT 2525

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

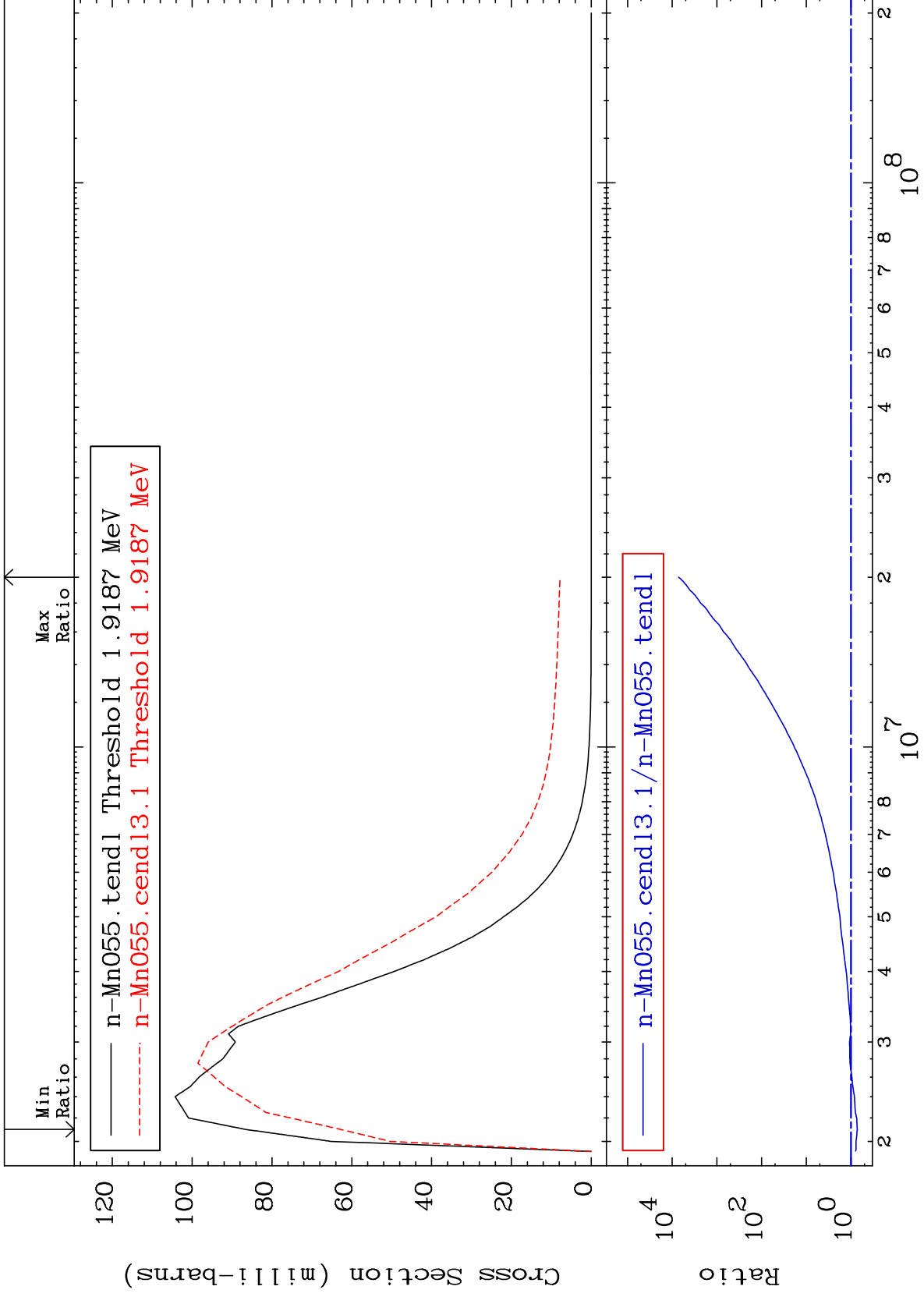
25-Mn-55
-72.37 To 9999. %



MAT 2525

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

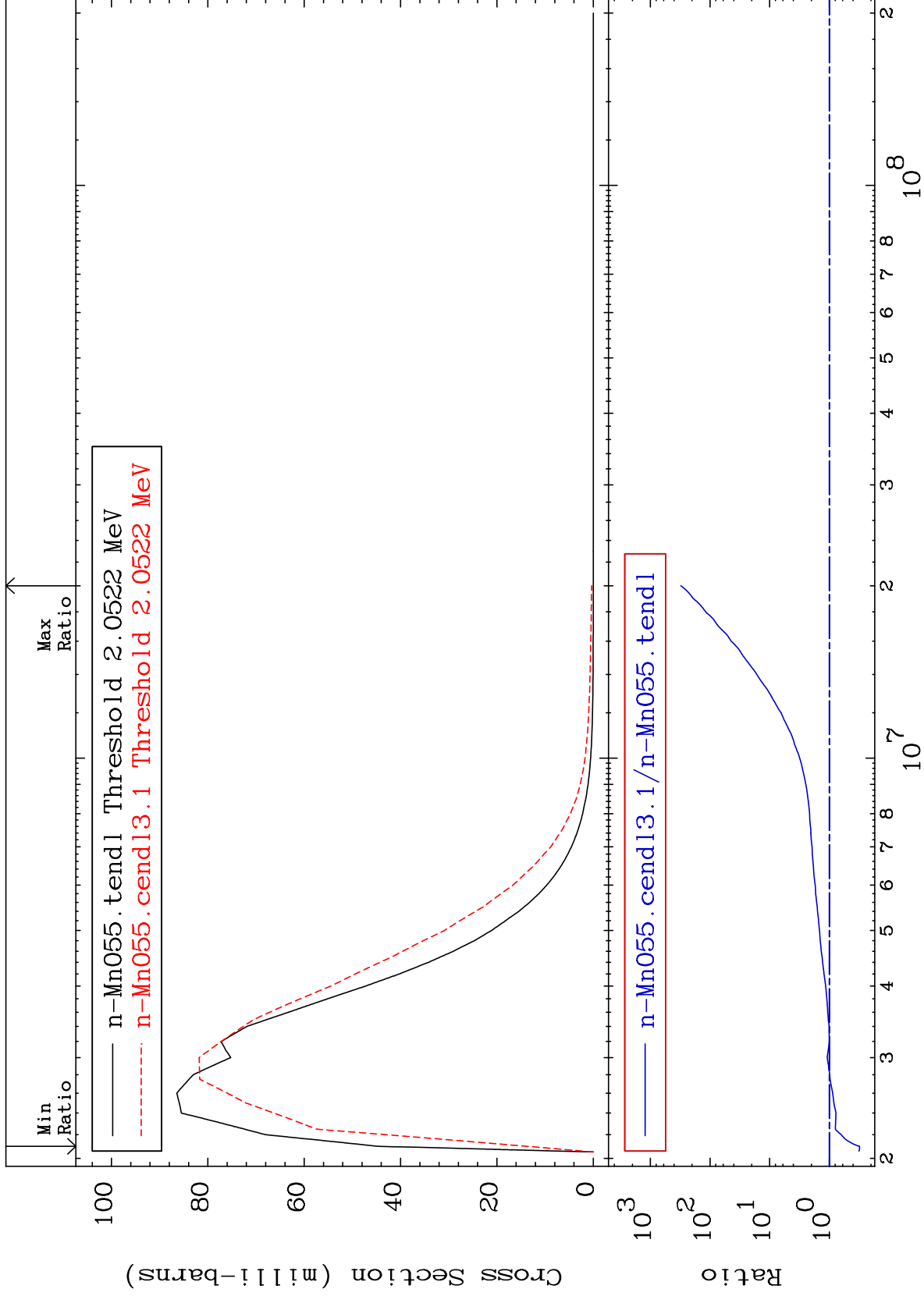
25-Mn-55
-27.46 To 9999. %



MAT 2525

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

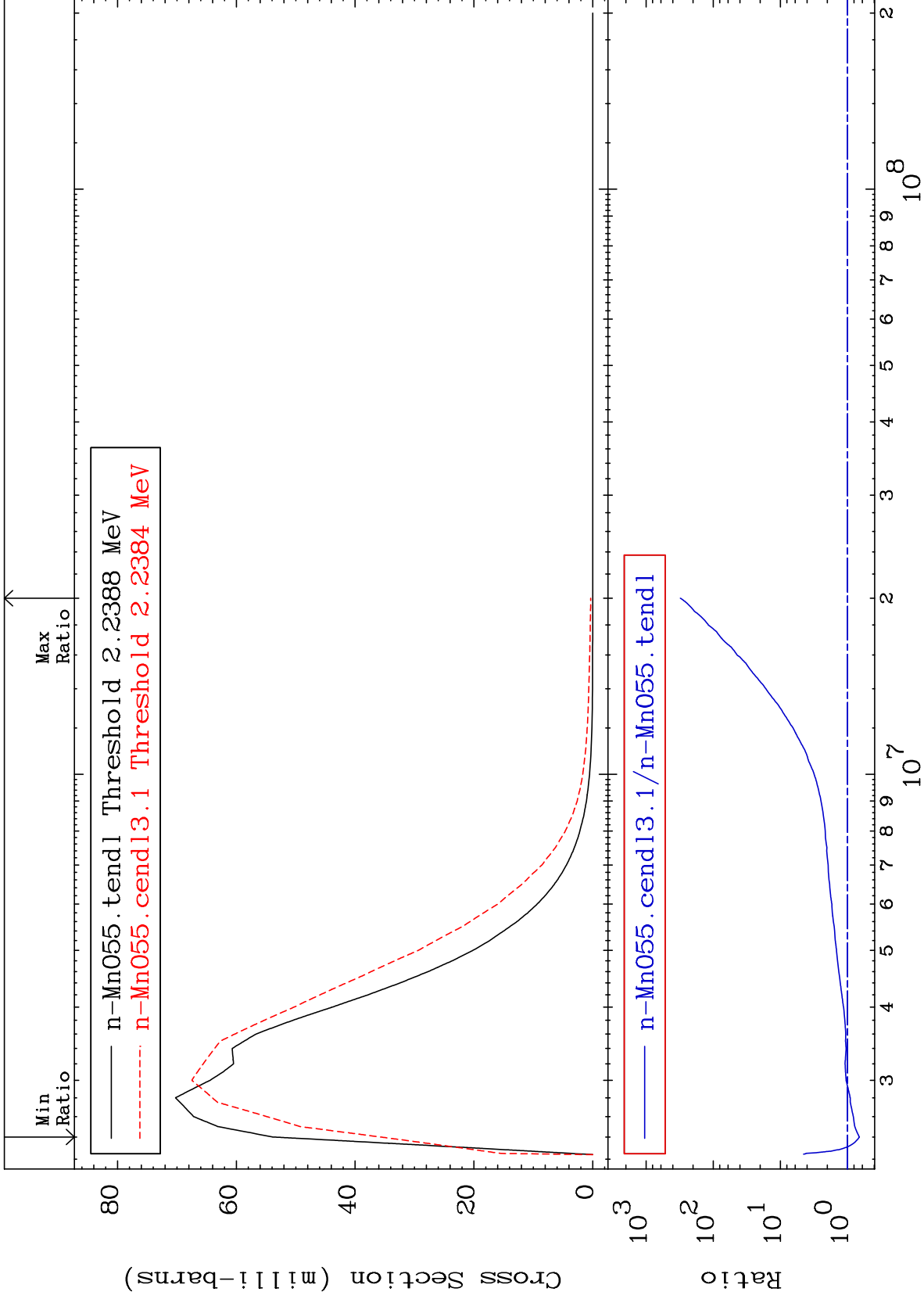
25-Mn-55
-68.82 To 9999. %



MAT 2525

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

25-Mn-55
-33.62 To 9999. %



15

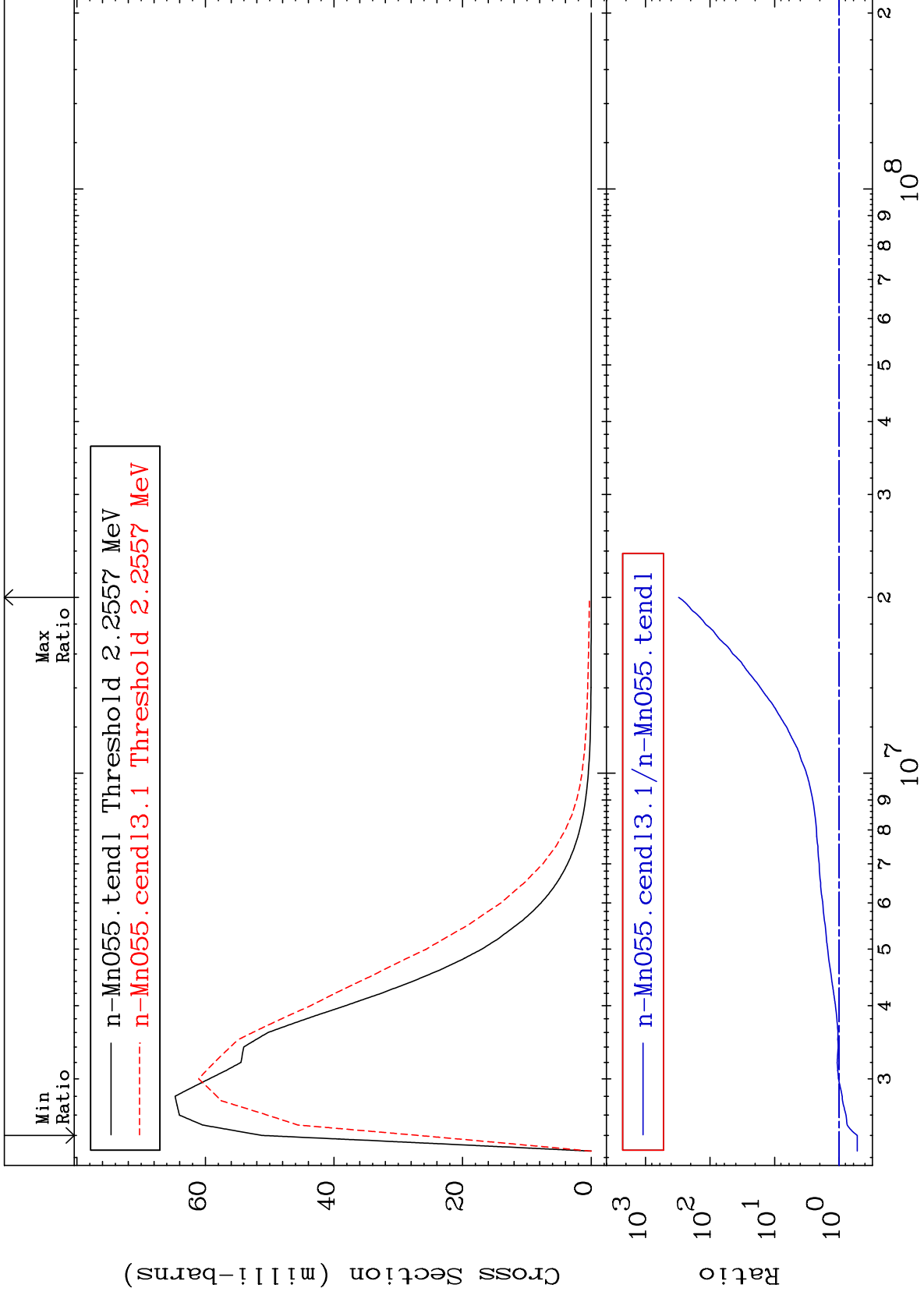
Incident Energy (eV)

25-Mn-55

MAT 2525

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

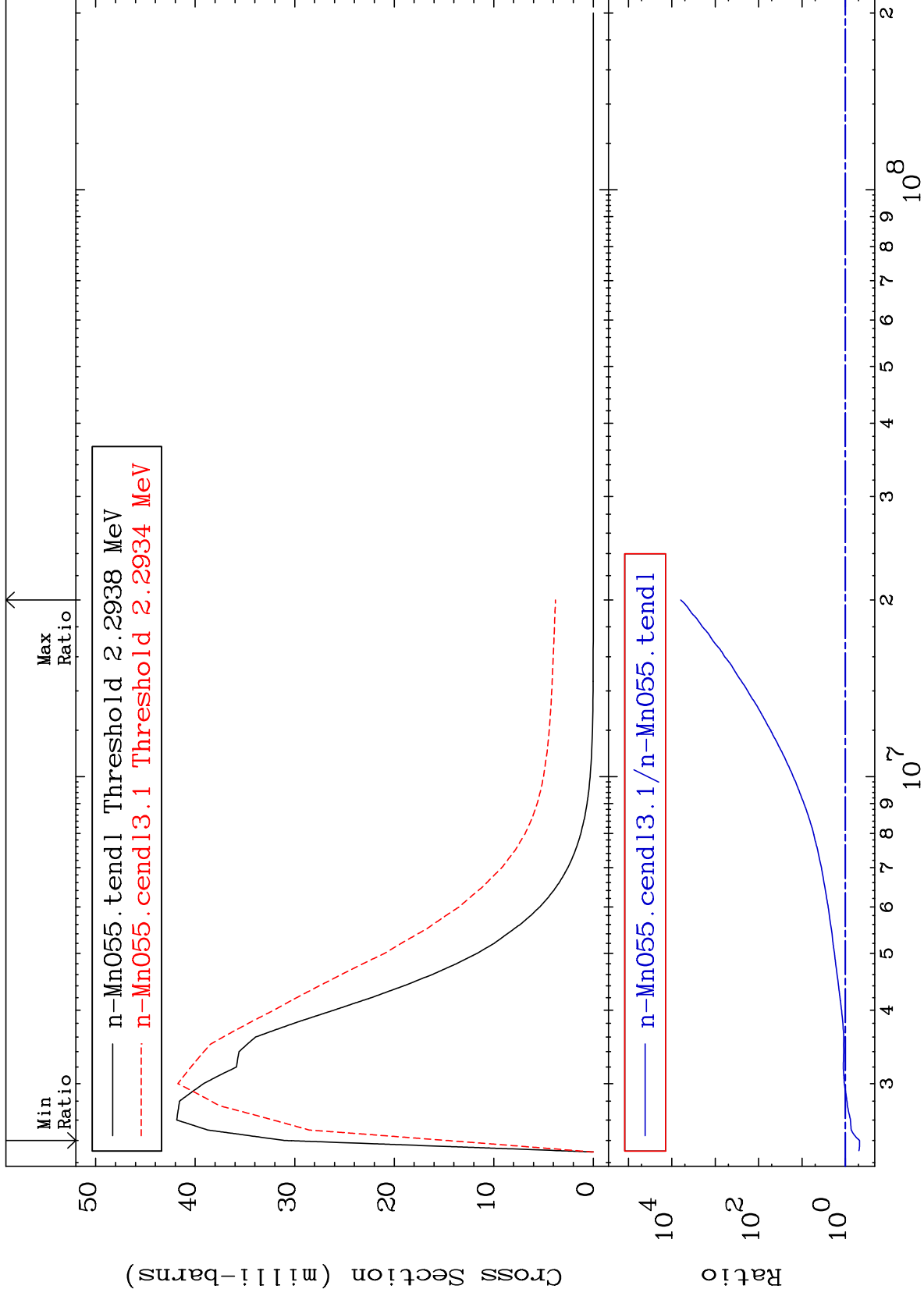
25-Mn-55
-47.43 To 9999. %



MAT 2525

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

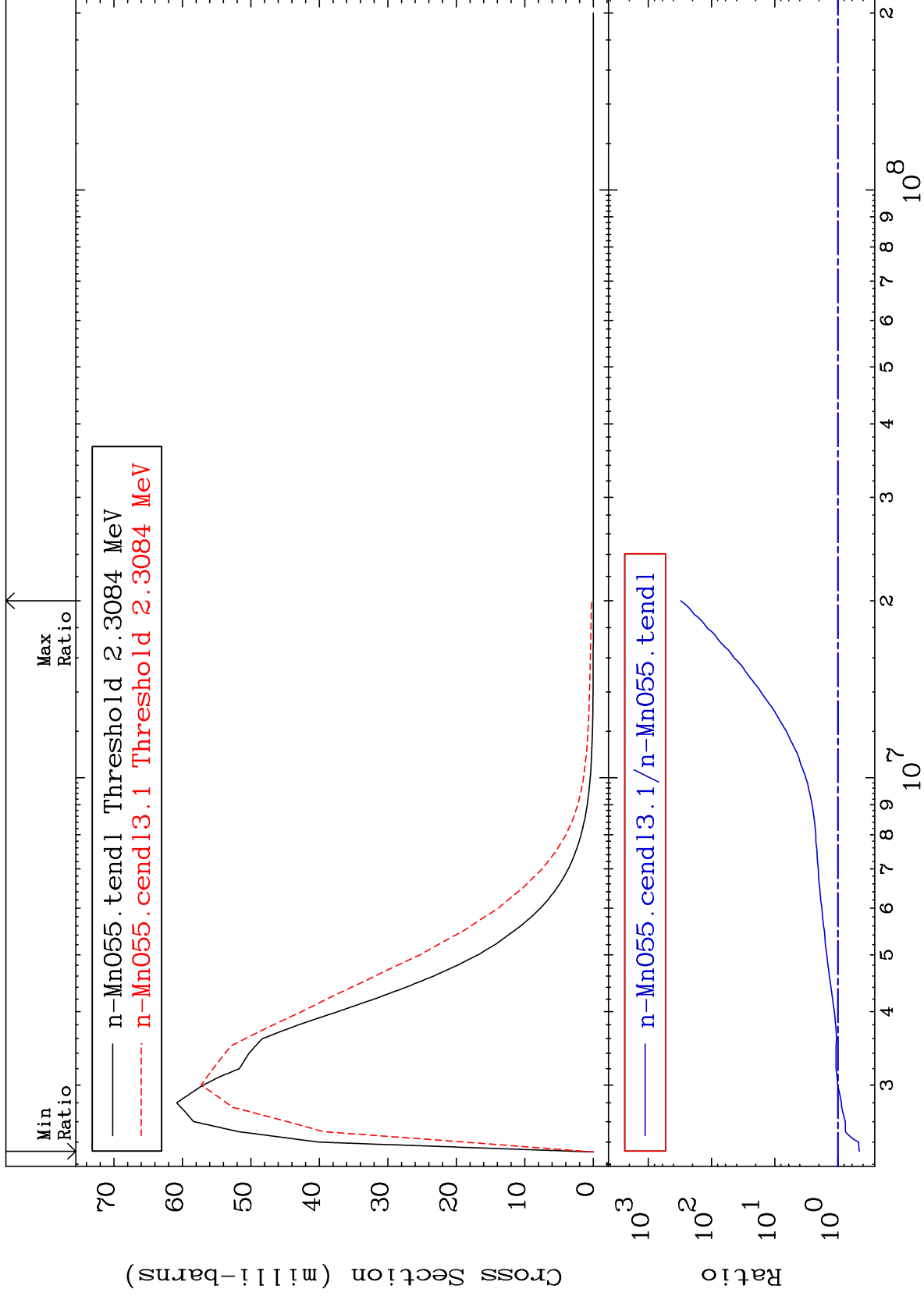
25-Mn-55
-52.57 To 9999. %



MAT 2525

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

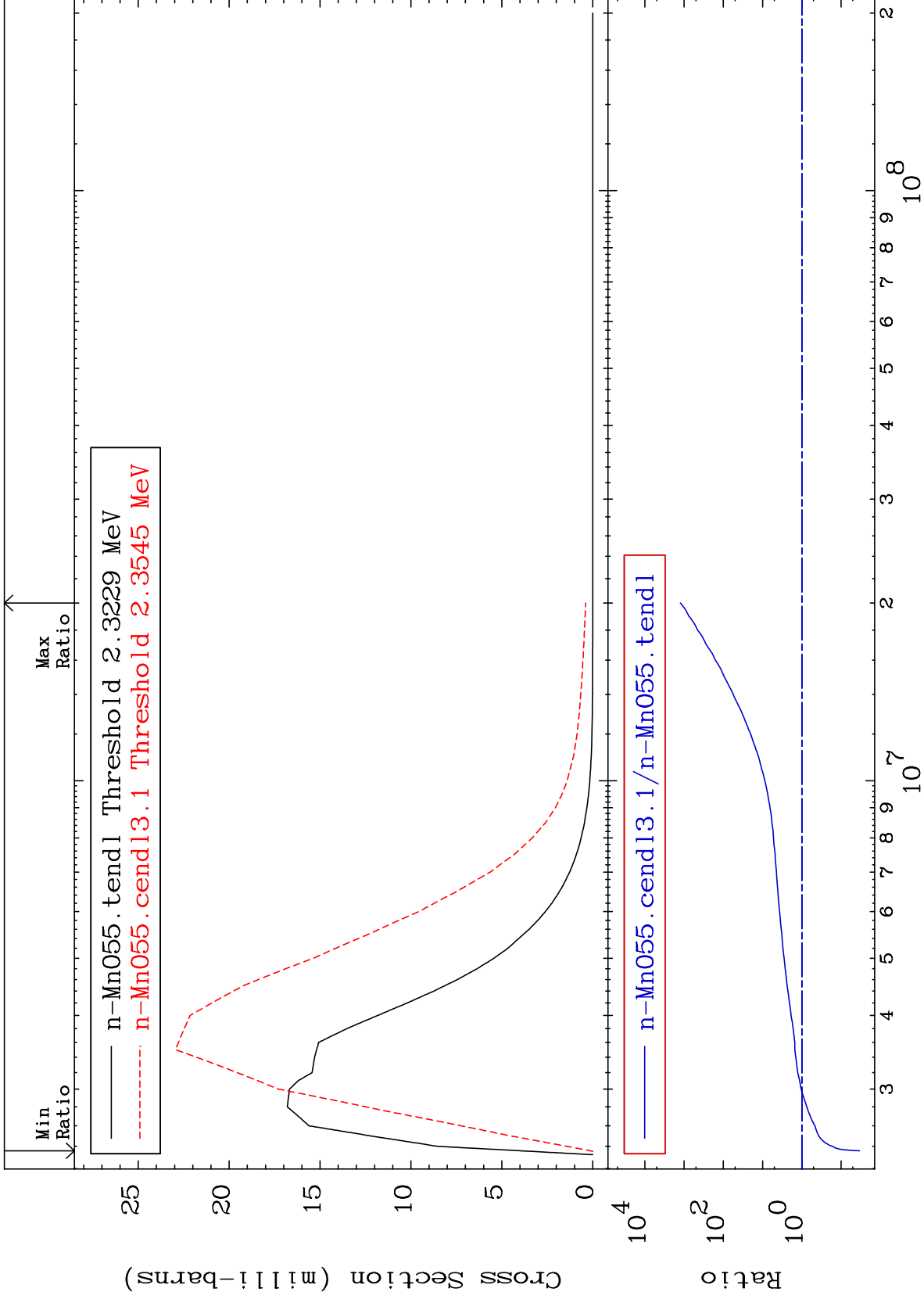
25-Mn-55
-54.47 To 9999. %



MAT 2525

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

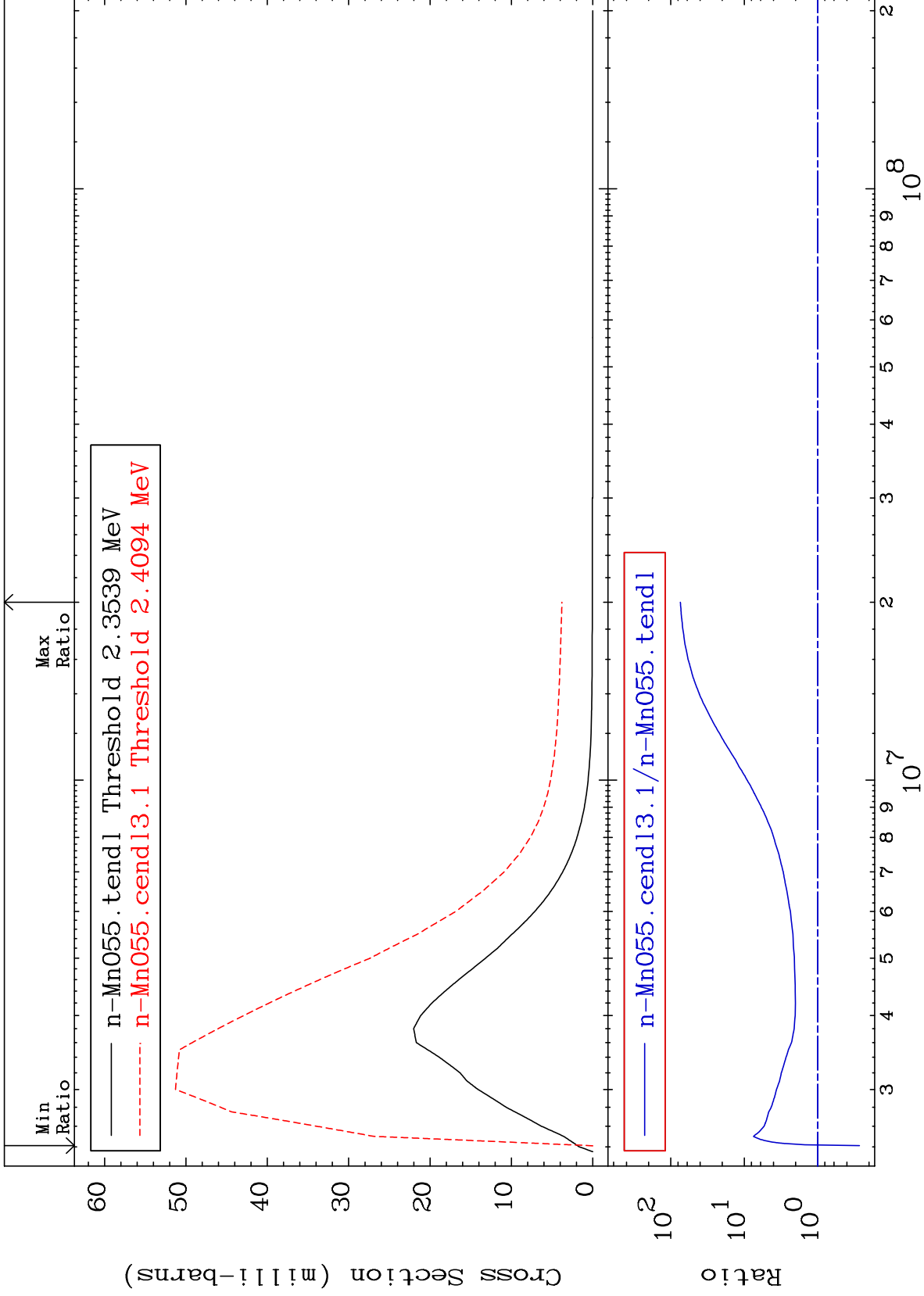
25-Mn-55
-96.60 To 9999. %



MAT 2525

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

25-Mn-55
-72.94 To 7315. %



20

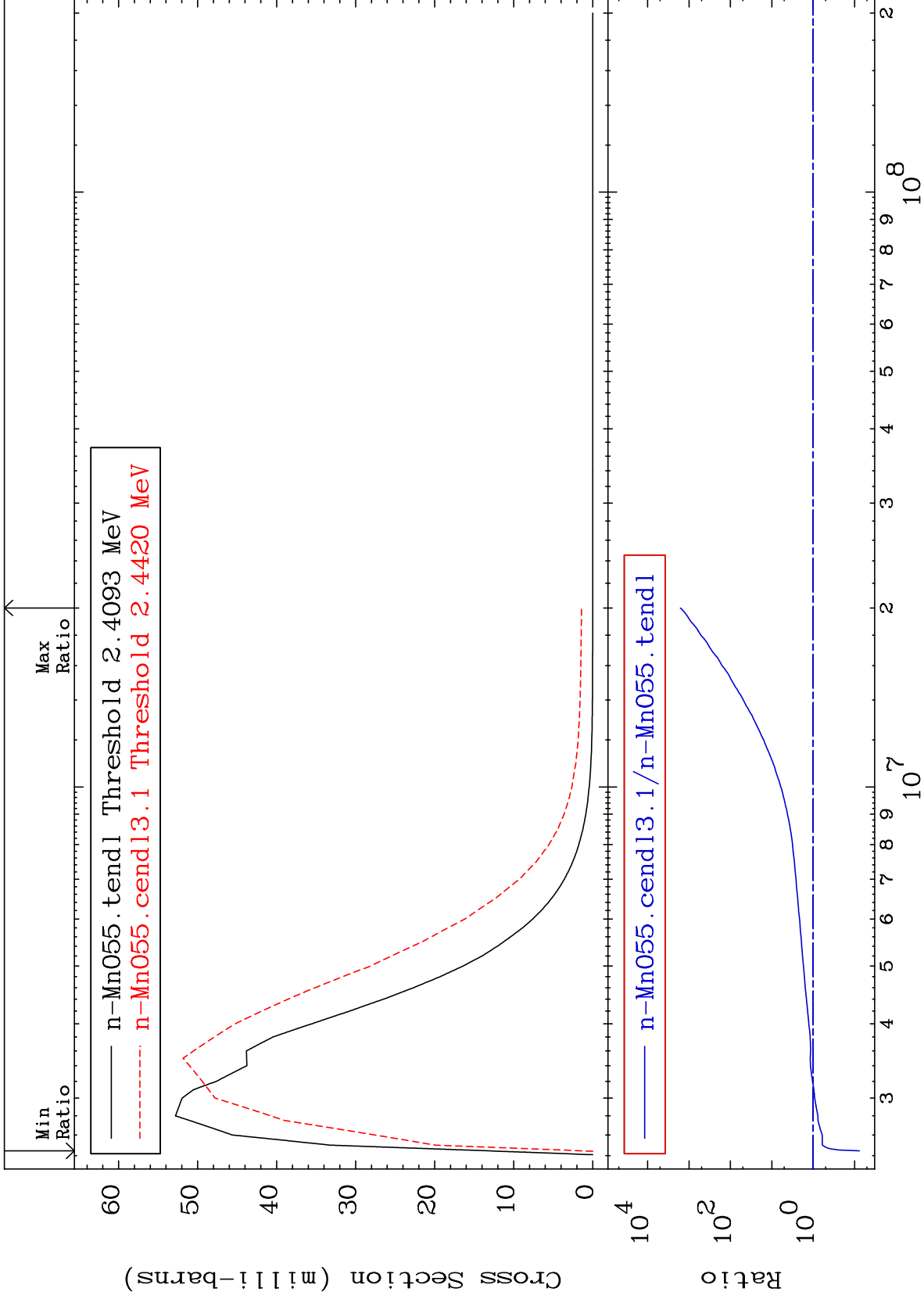
Incident Energy (eV)

25-Mn-55

MAT 2525

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

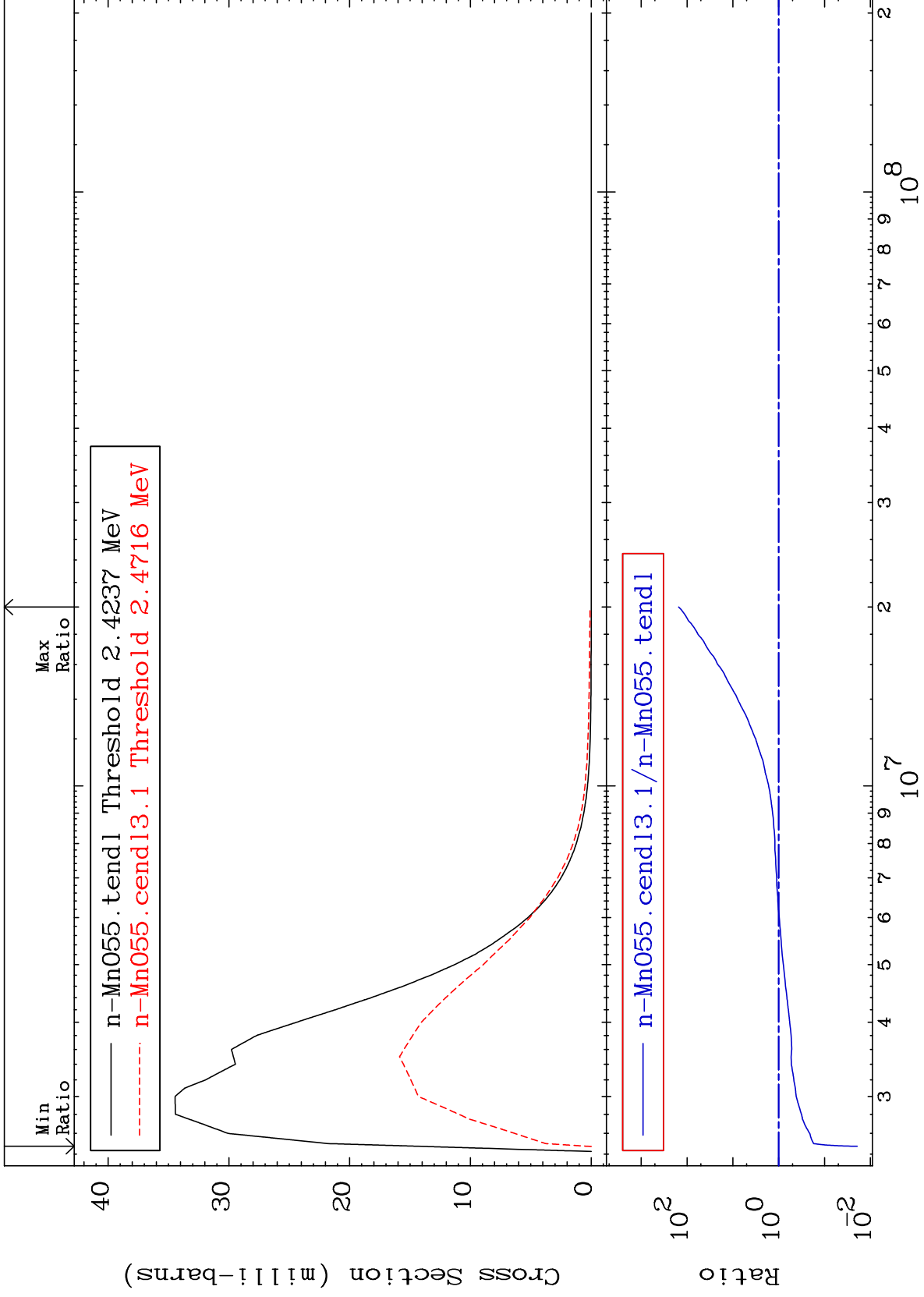
25-Mn-55
-92.38 To 9999. %



MAT 2525

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

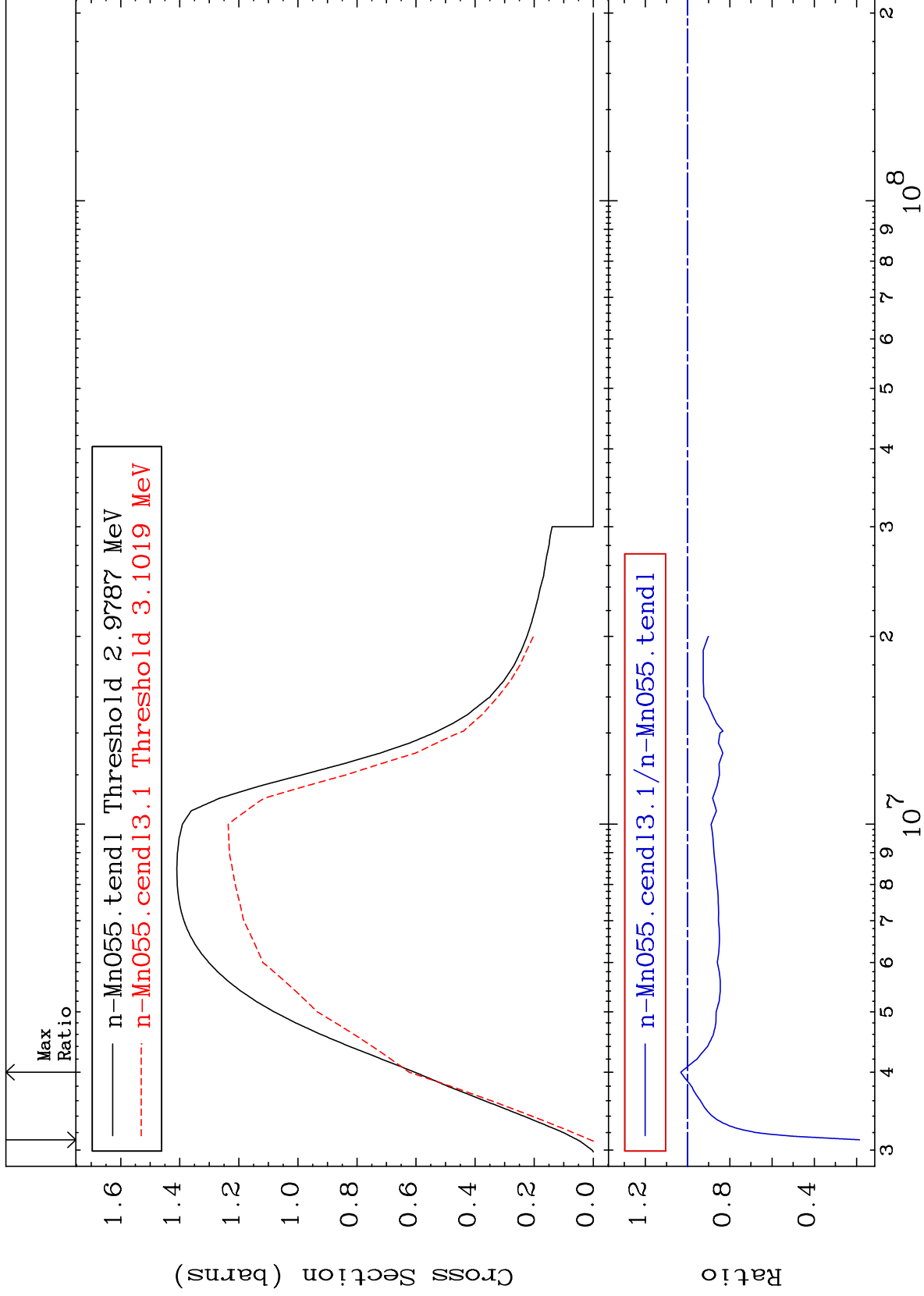
25-Mn-55
-98.07 To 9999. %



MAT 2525

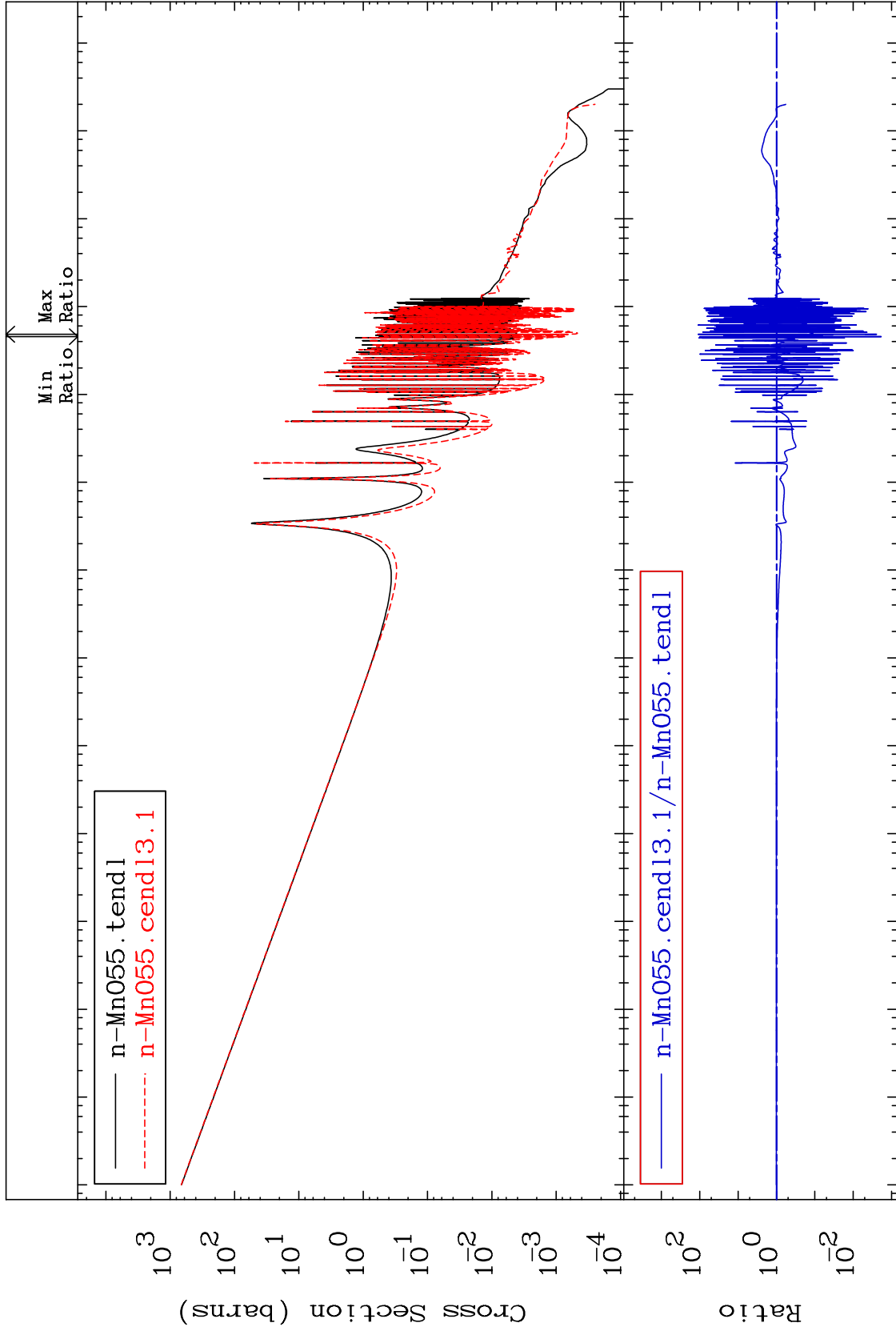
(n, n') Continuum
Cross Section

25-Mn-55
-81.39 To 3.230 %



Cross Section

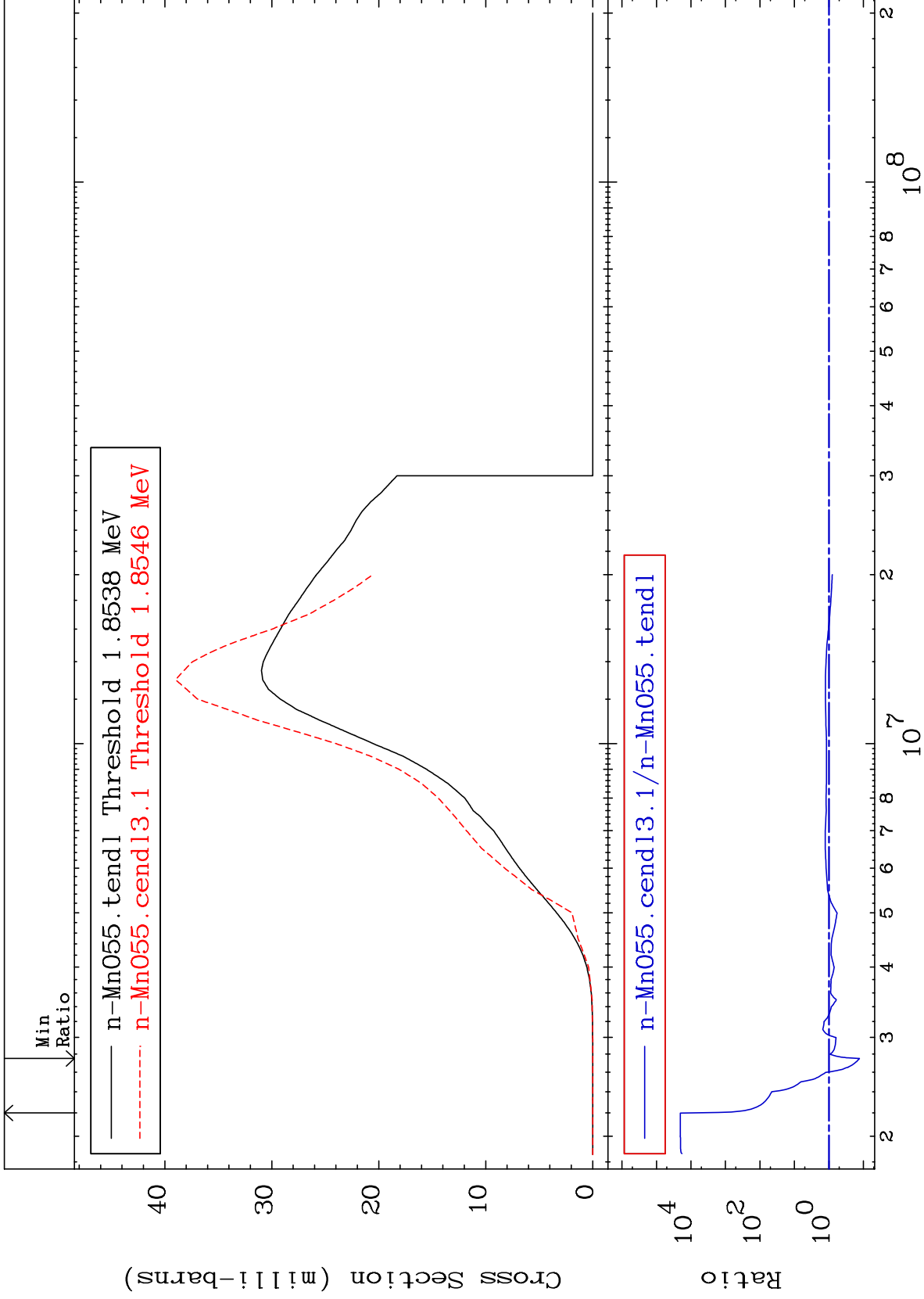
-99.81 To 9999. %



MAT 2525

(n,p)
Cross Section

²⁵Mn-55
-87.00 To 9999. %



25

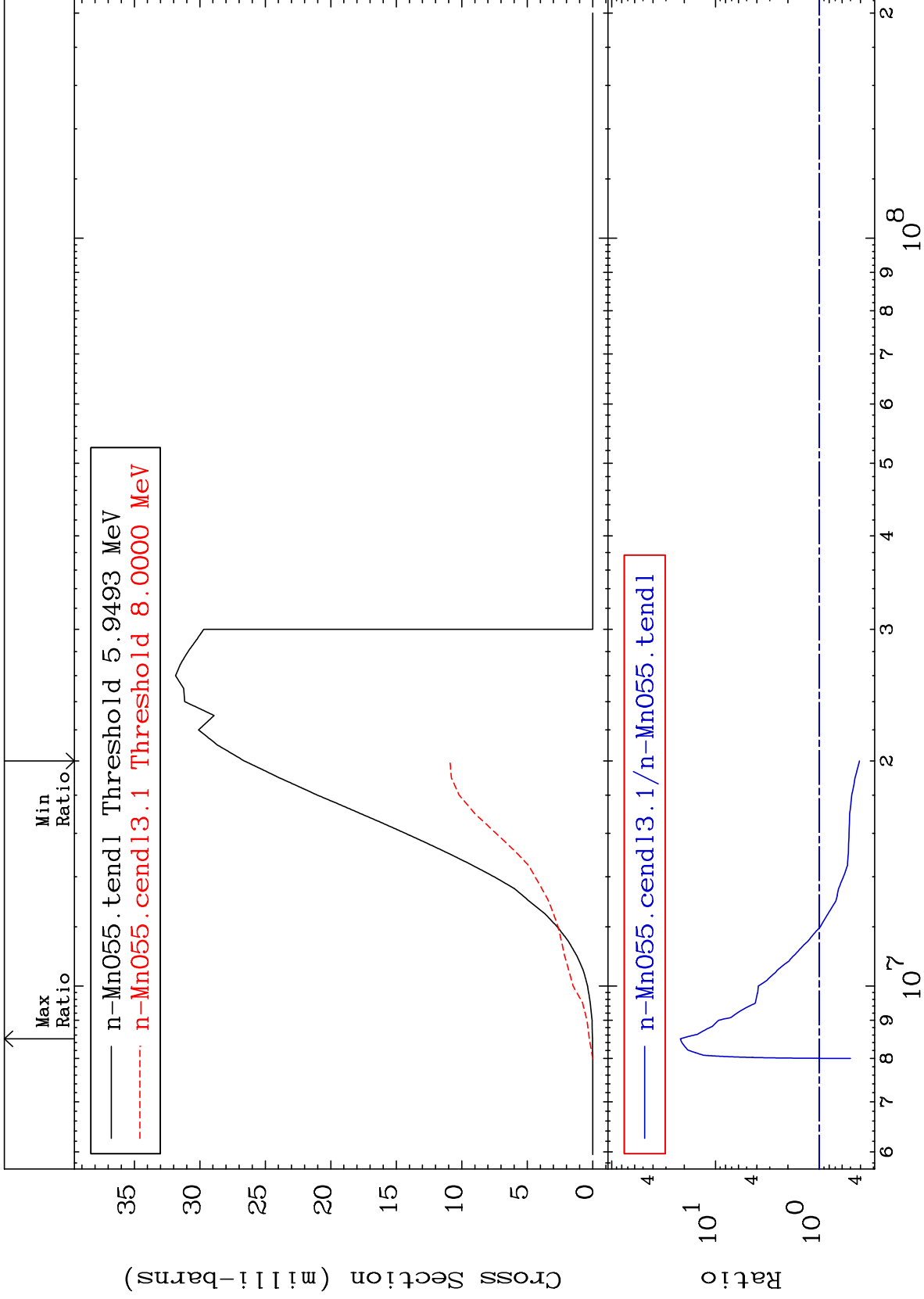
Incident Energy (eV)

²⁵Mn-55

MAT 2525

(n, d)
Cross Section

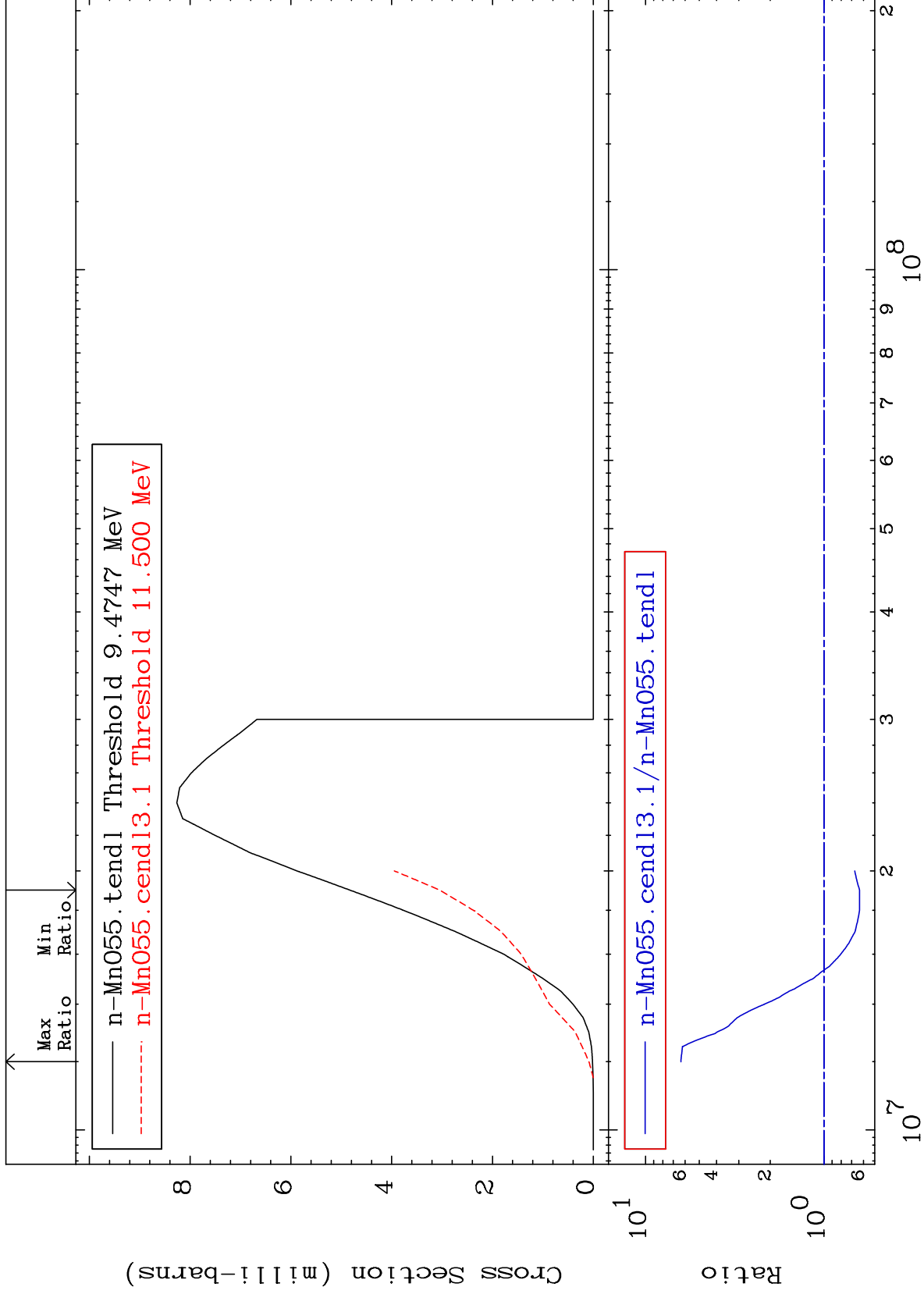
²⁵Mn-55
-59.05 To 2079. %



MAT 2525

(n, t)
Cross Section

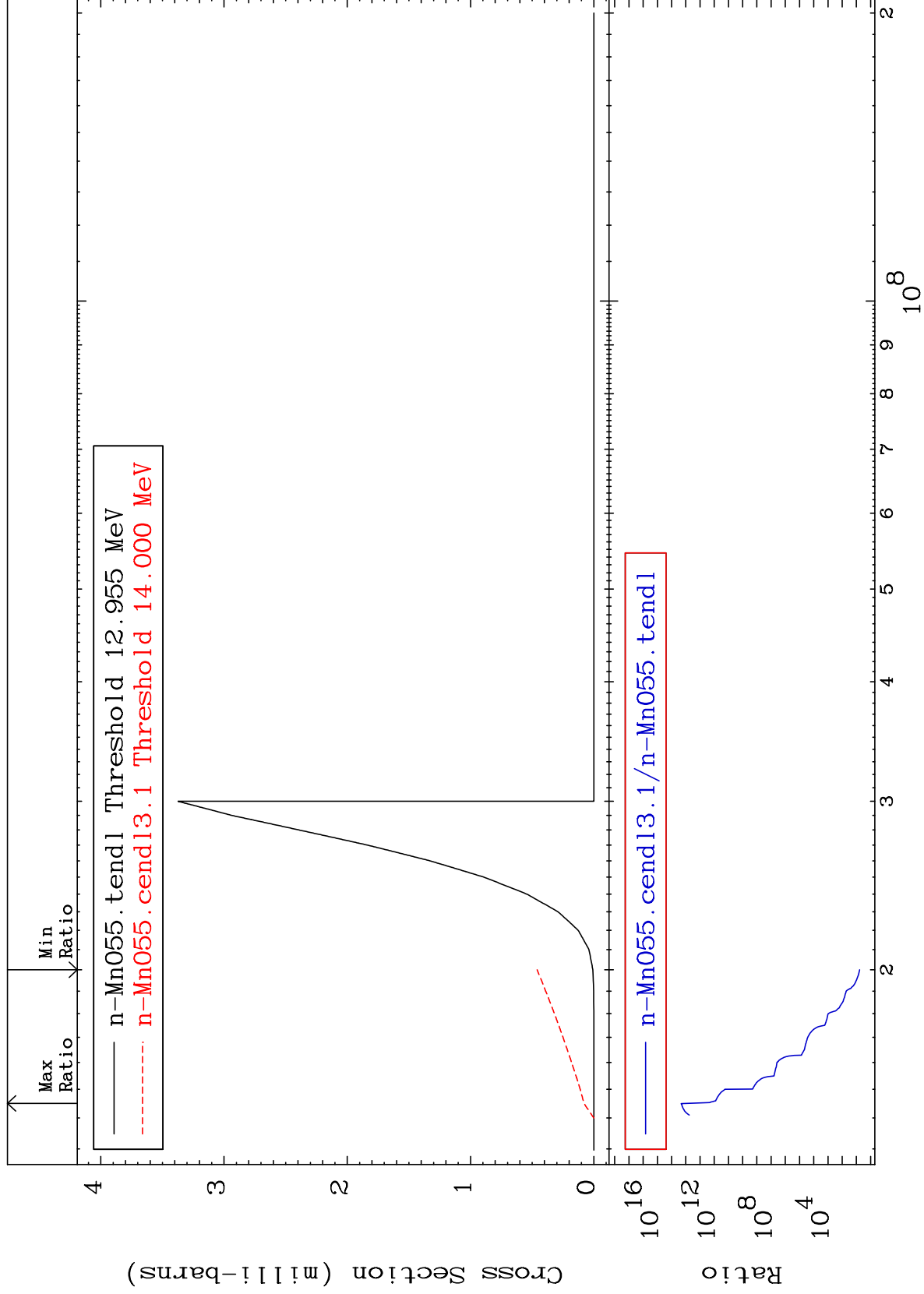
²⁵Mn-55
-36.88 To 534.7 %



27

Incident Energy (eV)

²⁵Mn-55



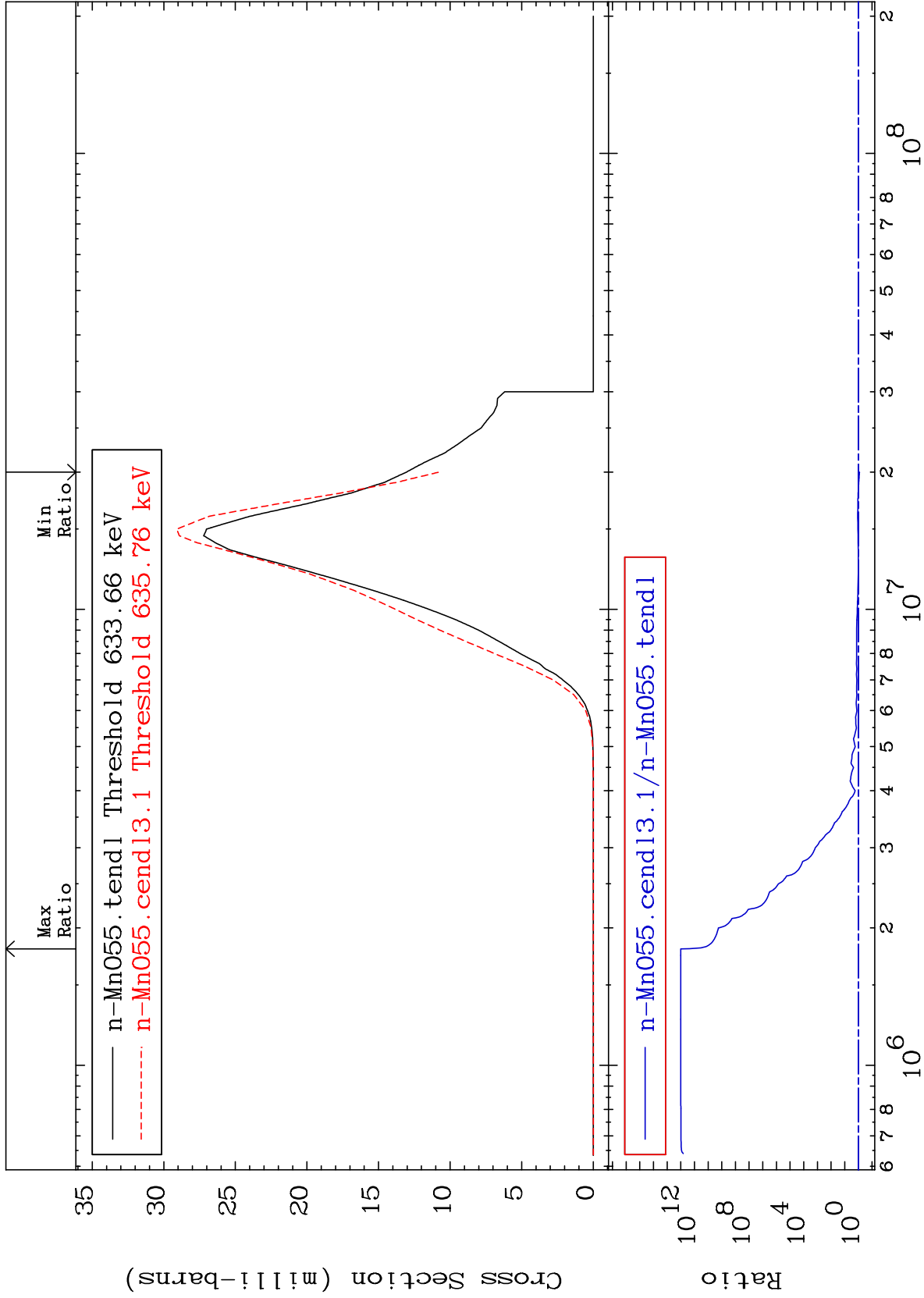
MAT 2525

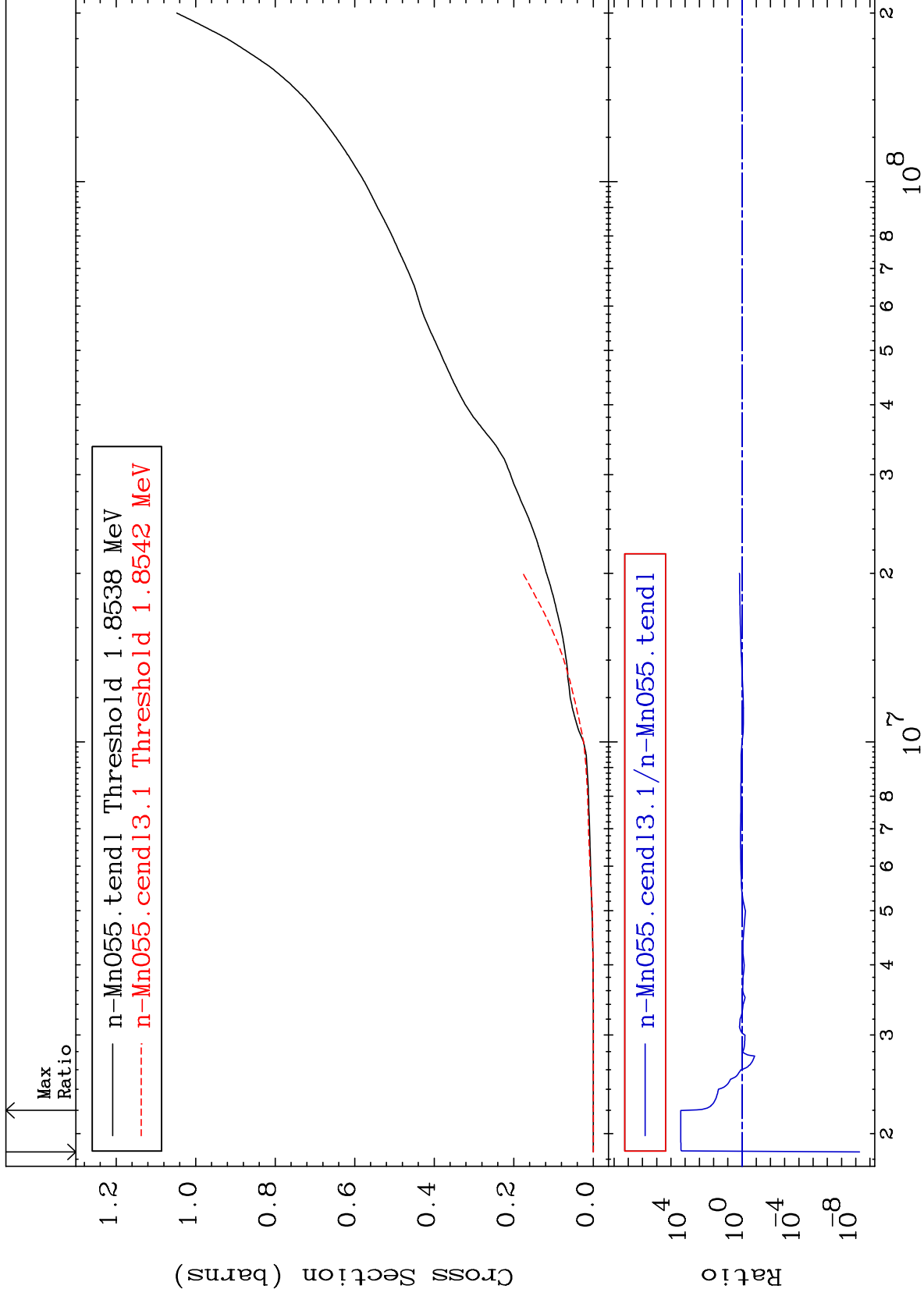
(n, α)

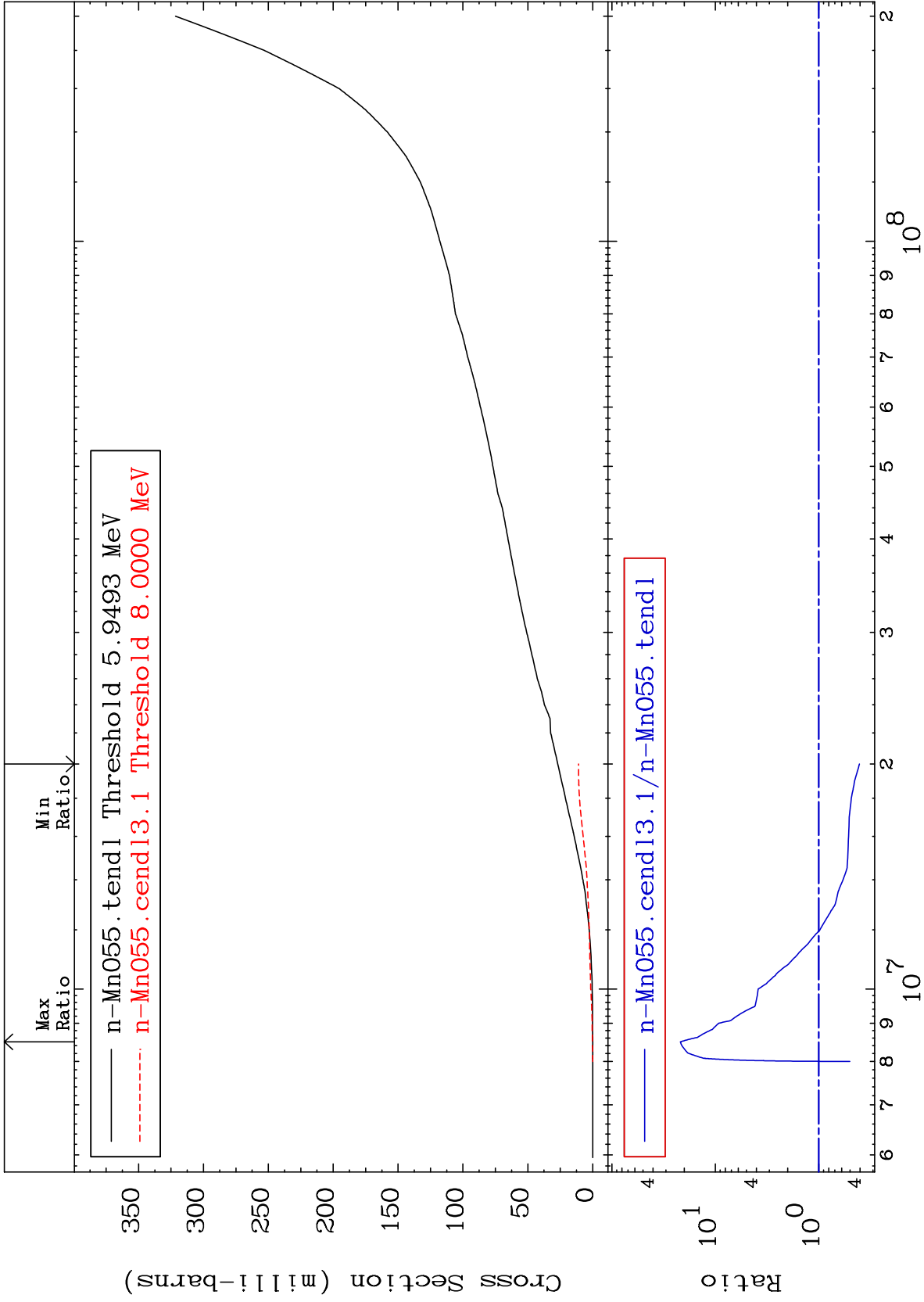
²⁵Mn-55

Cross Section

-17.59 To 9999. %



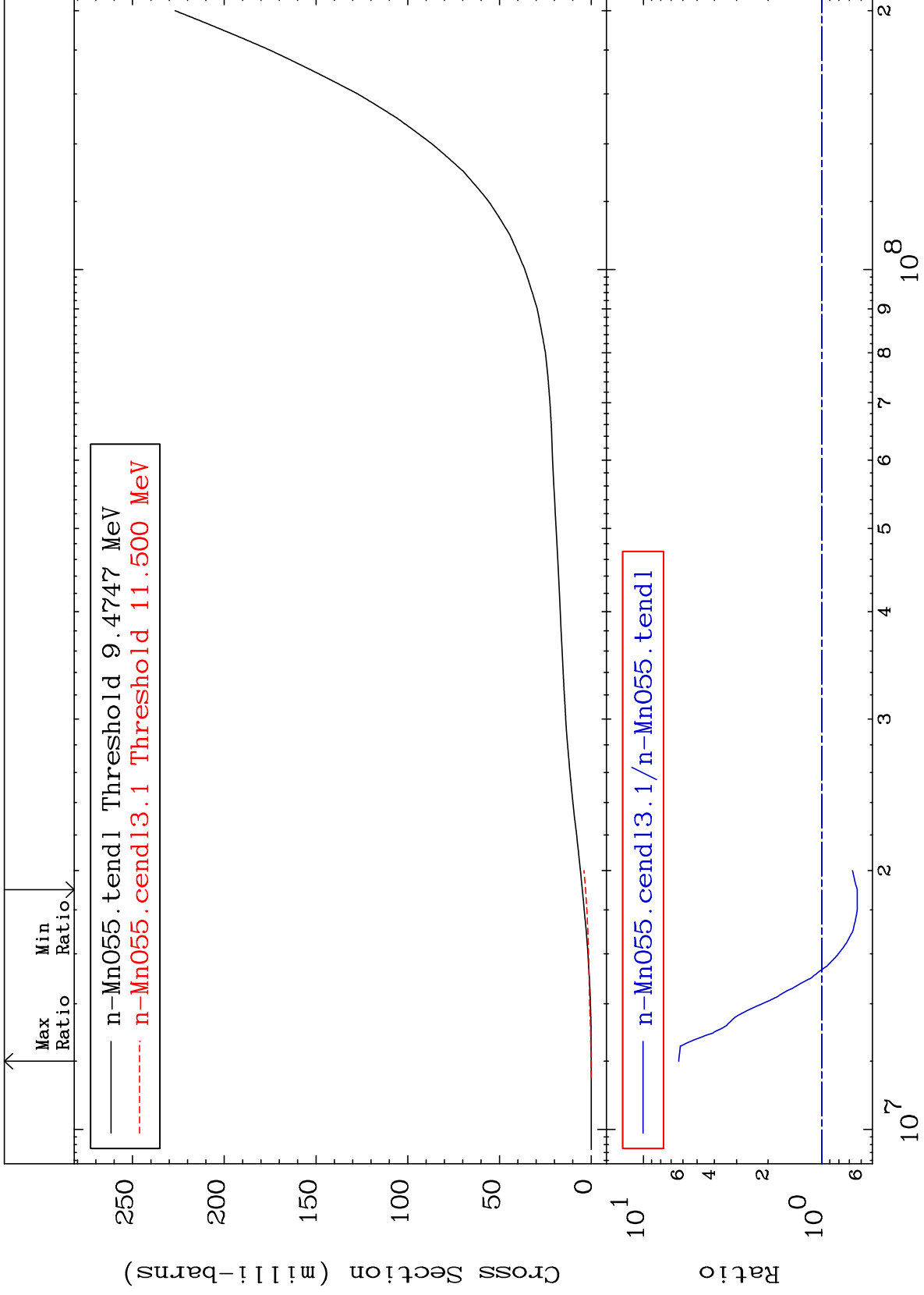




MAT 2525

Tritium Production
Cross Section

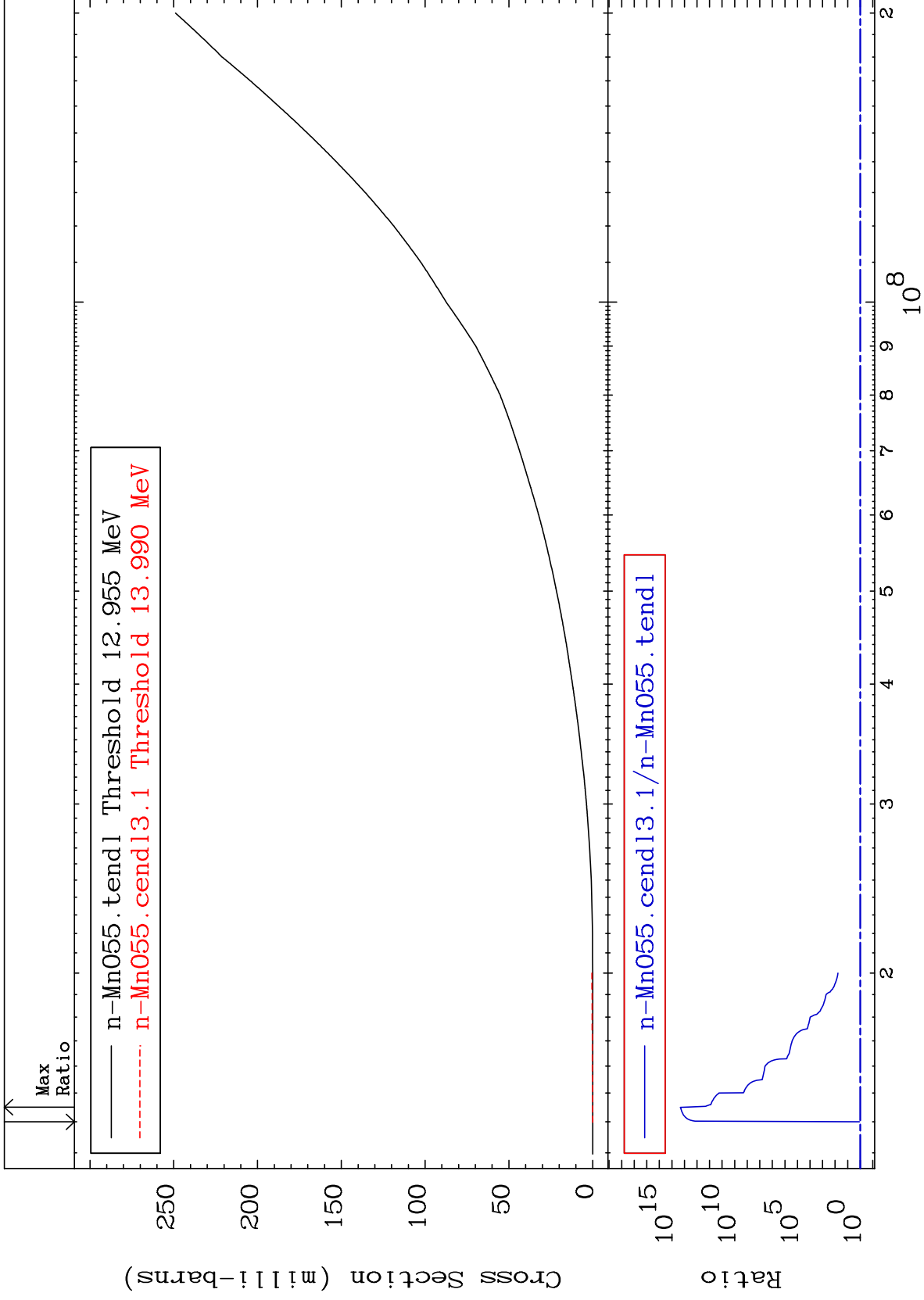
²⁵Mn-55
-36.88 To 534.7 %

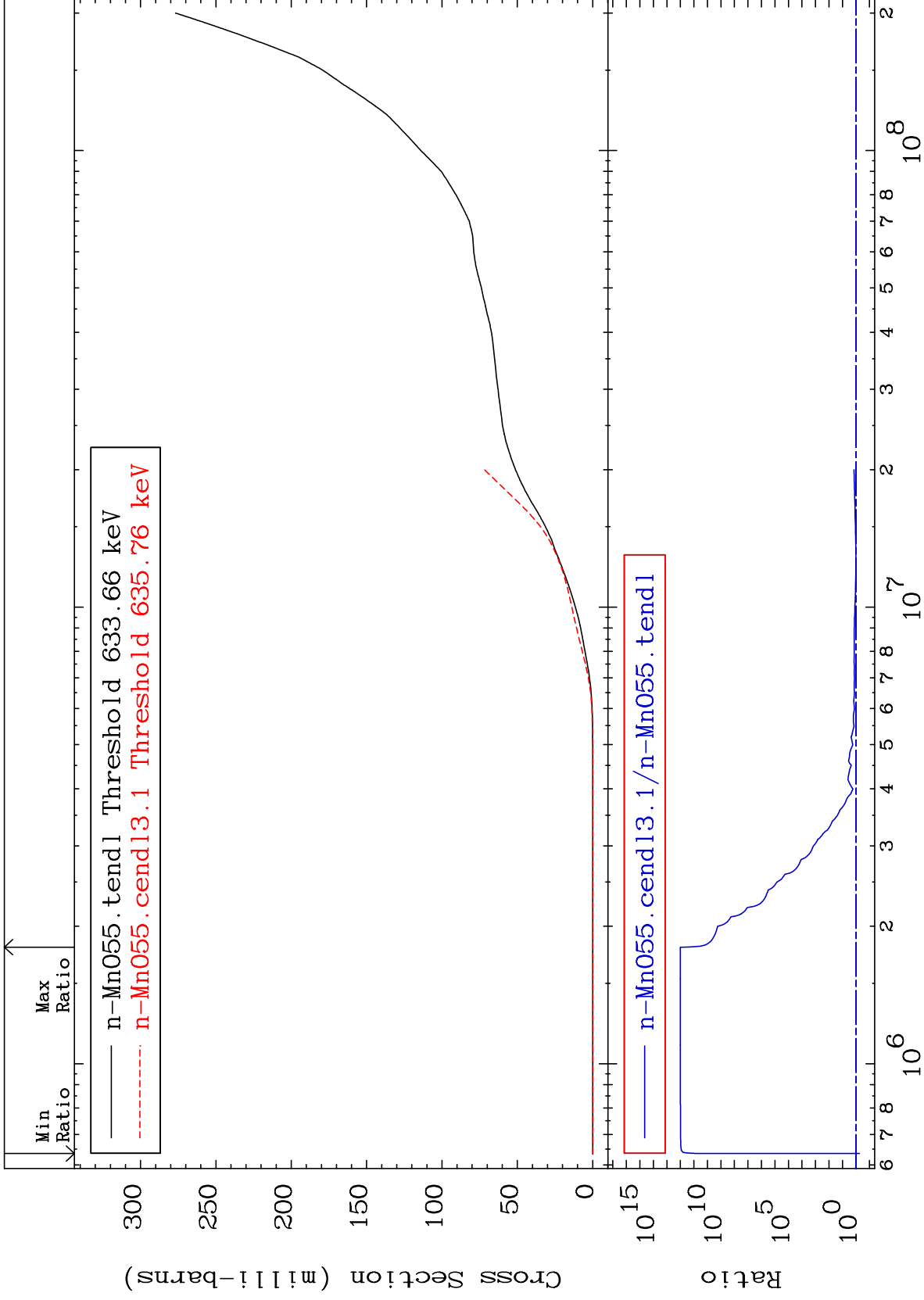


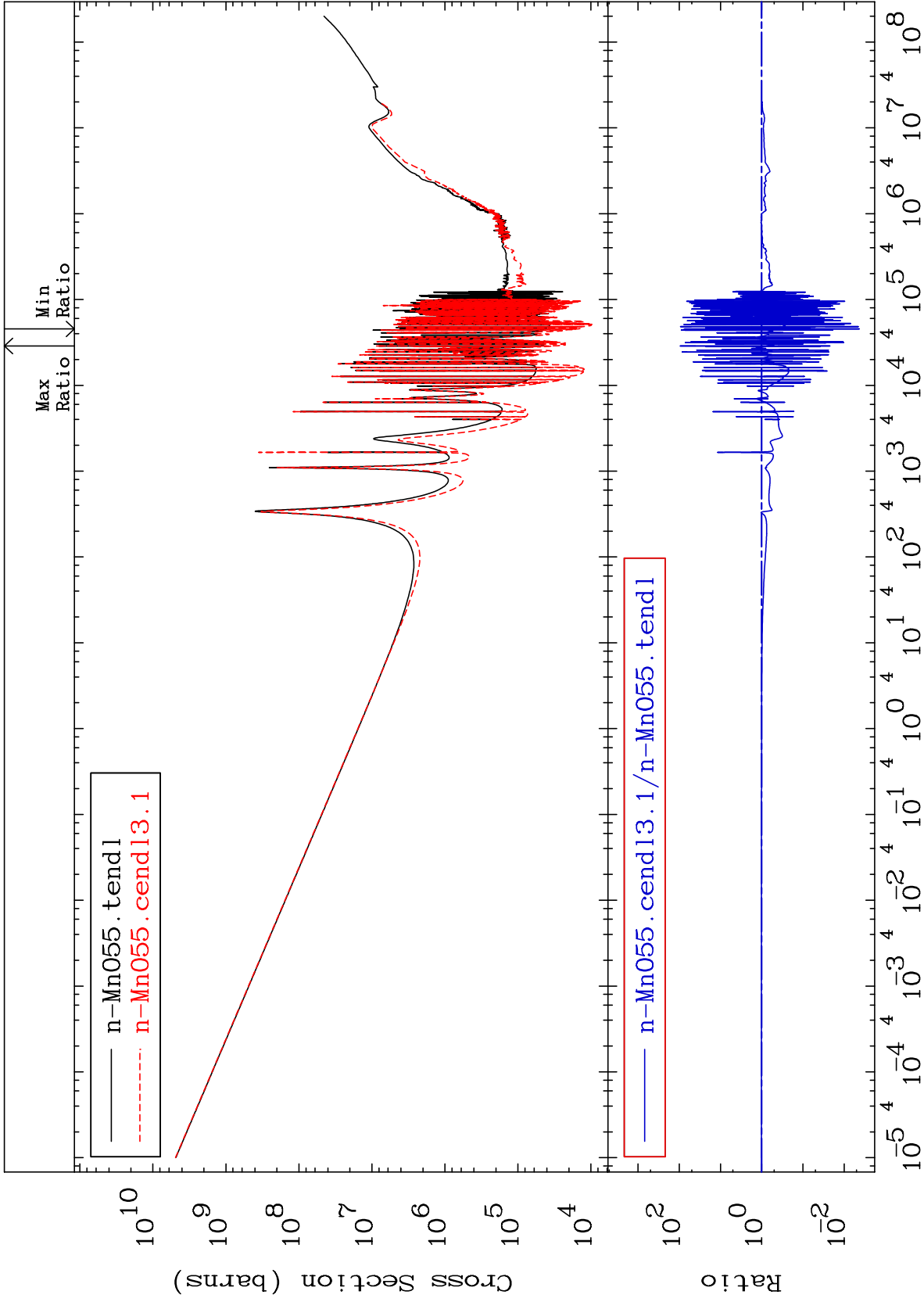
32

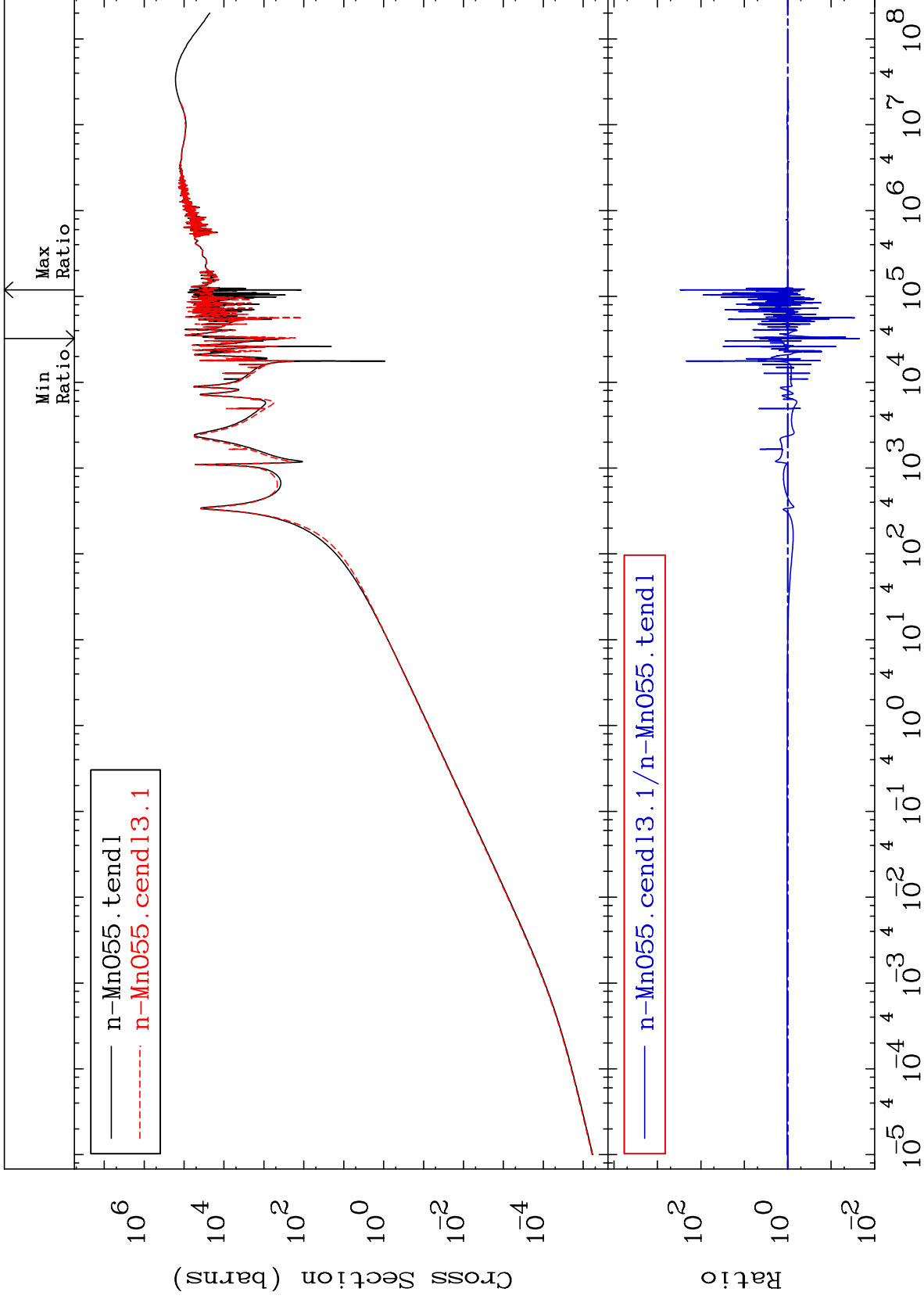
Incident Energy (eV)

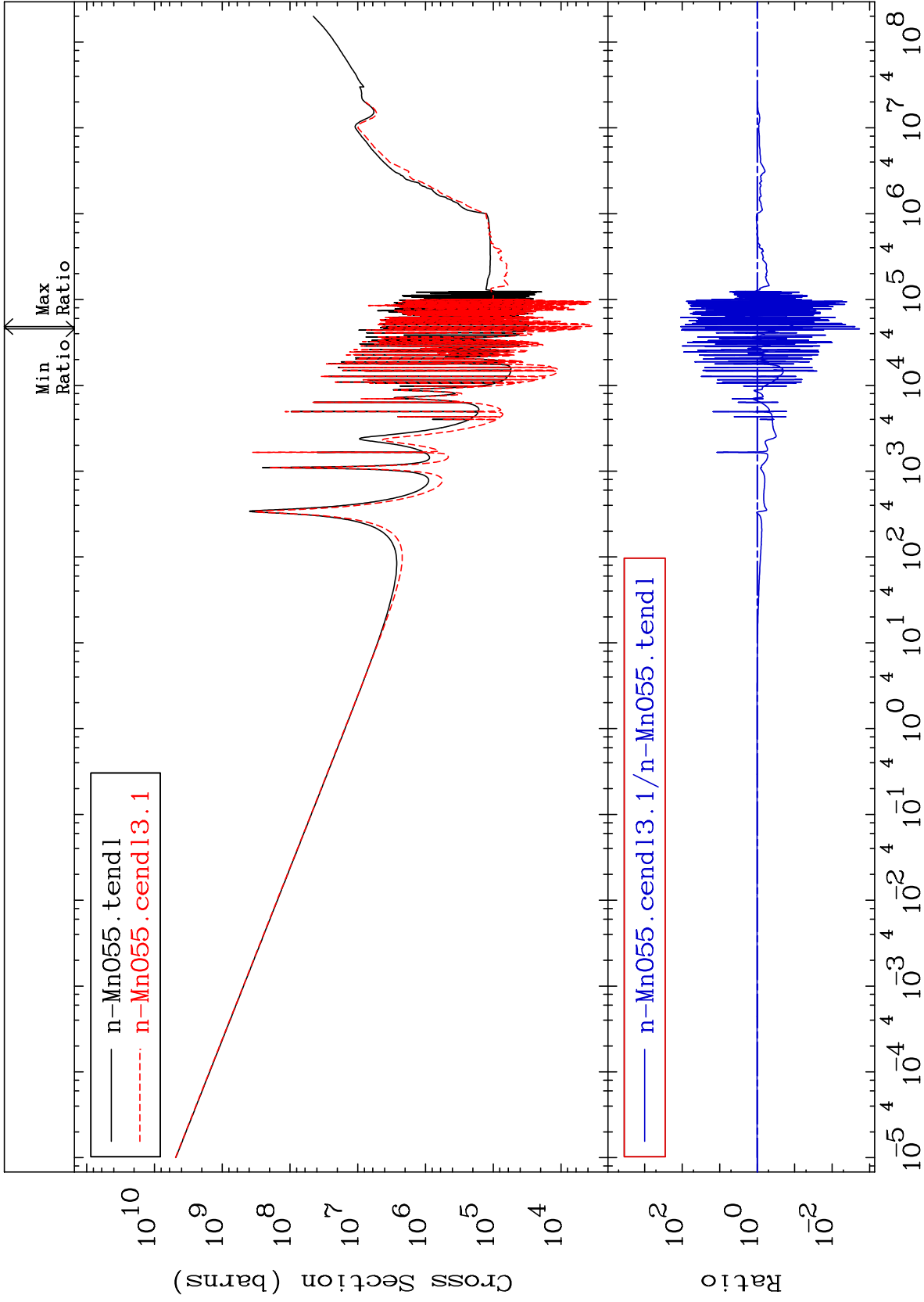
²⁵Mn-55

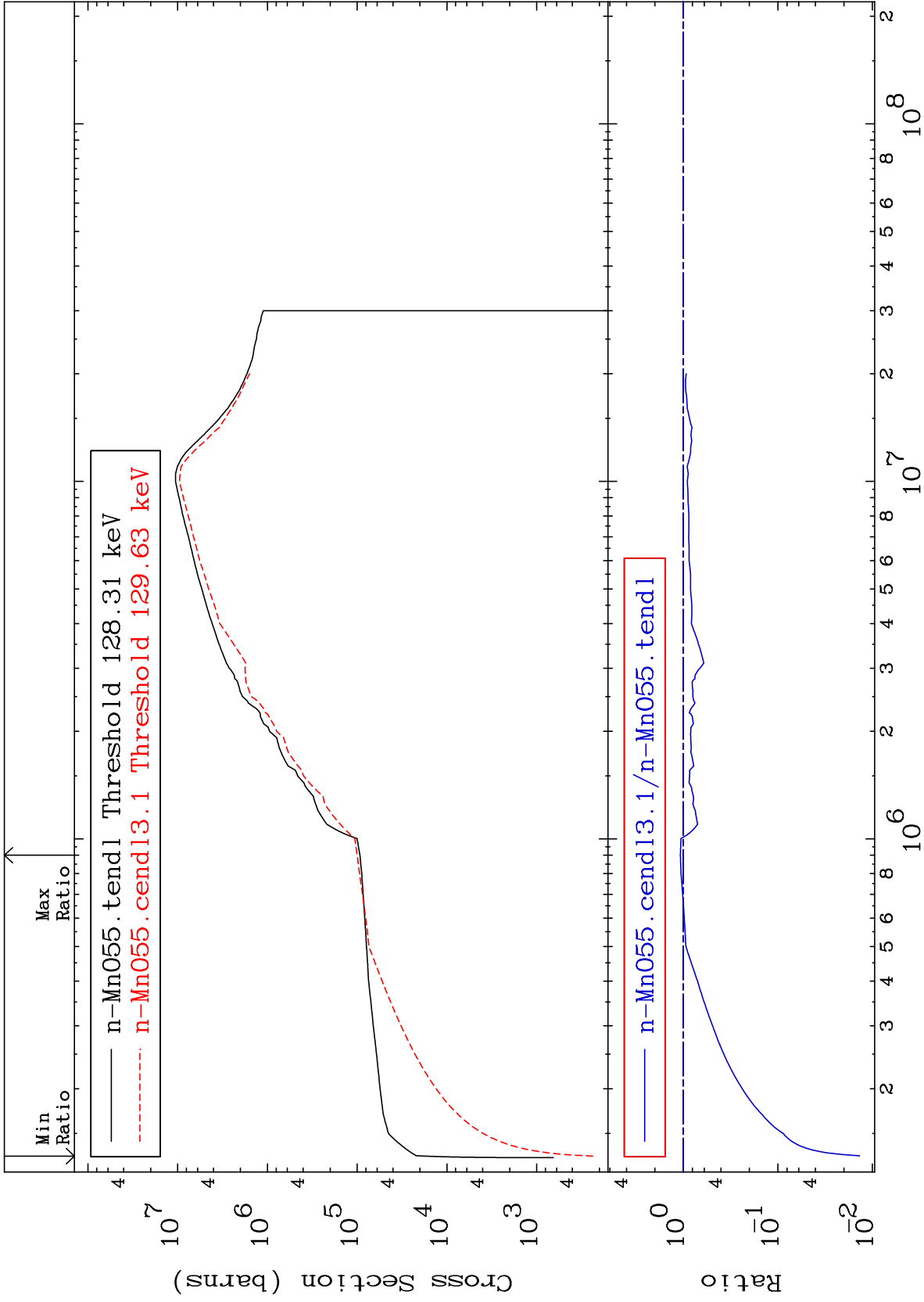








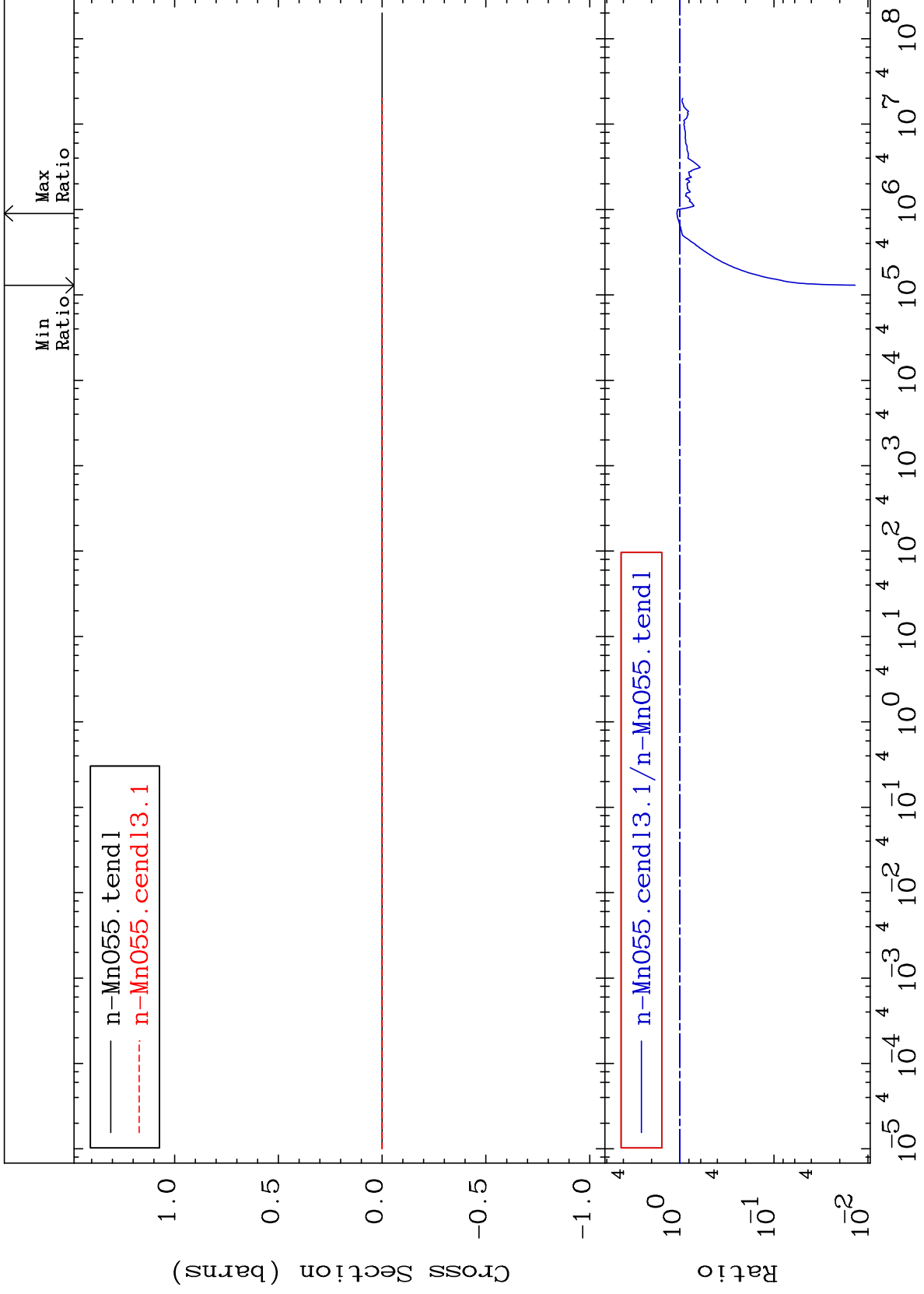




MAT 2525

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

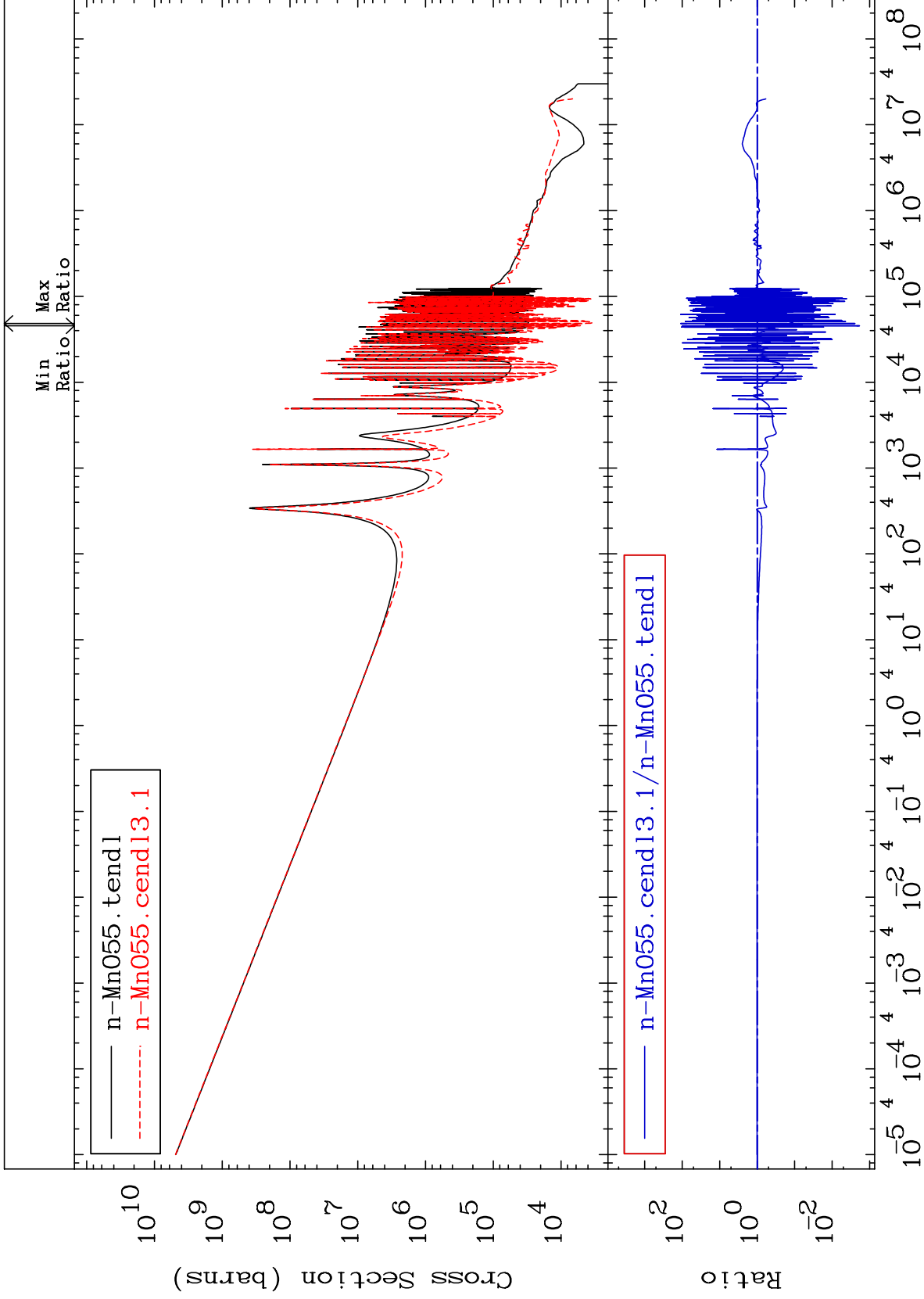
25-Mn-55
-98.63 To 7.481 %



MAT 2525

Kerma capture (mt102)
Cross Section

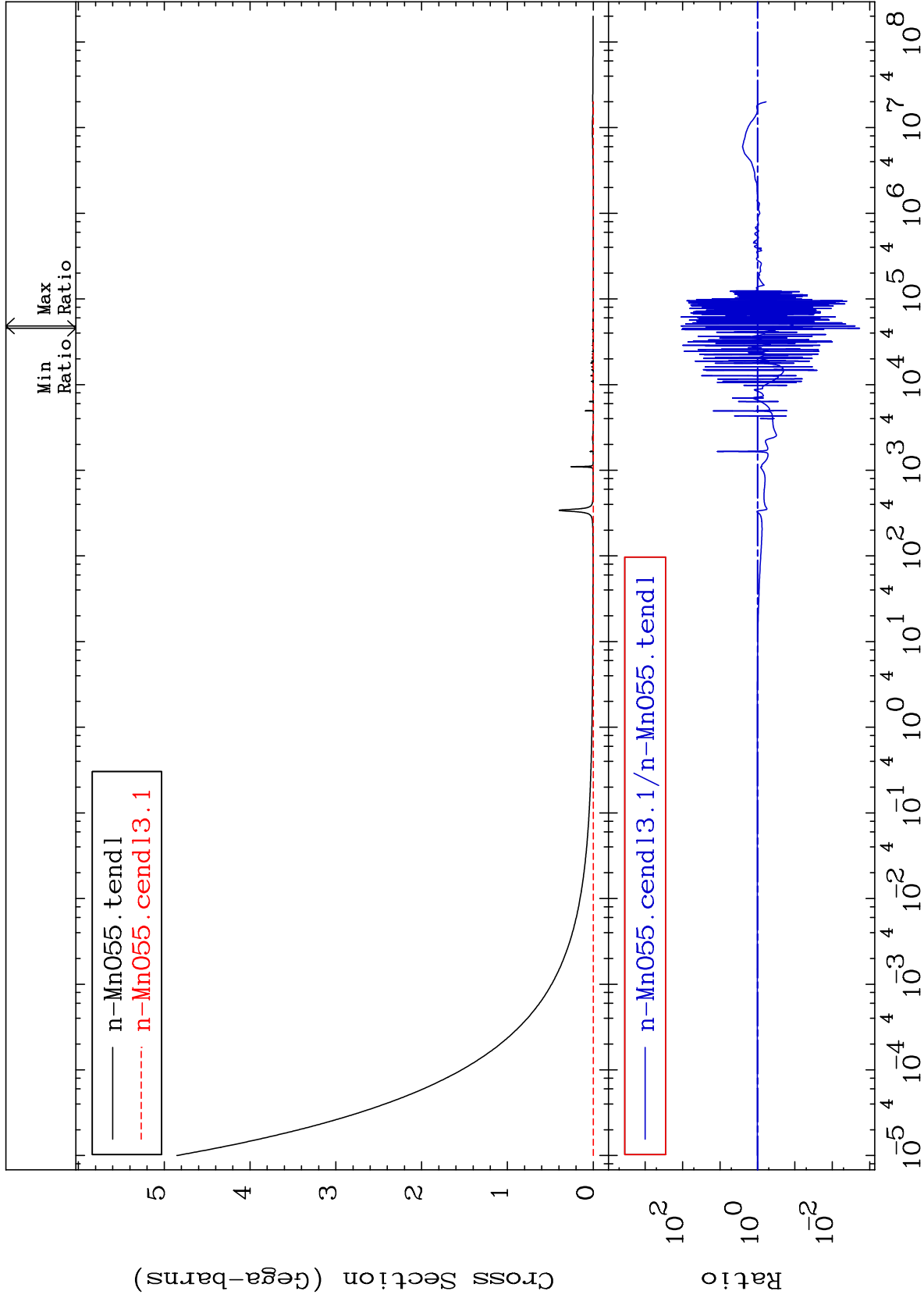
25-Mn-55
-99.81 To 9999. %



40

Incident Energy (eV)

25-Mn-55

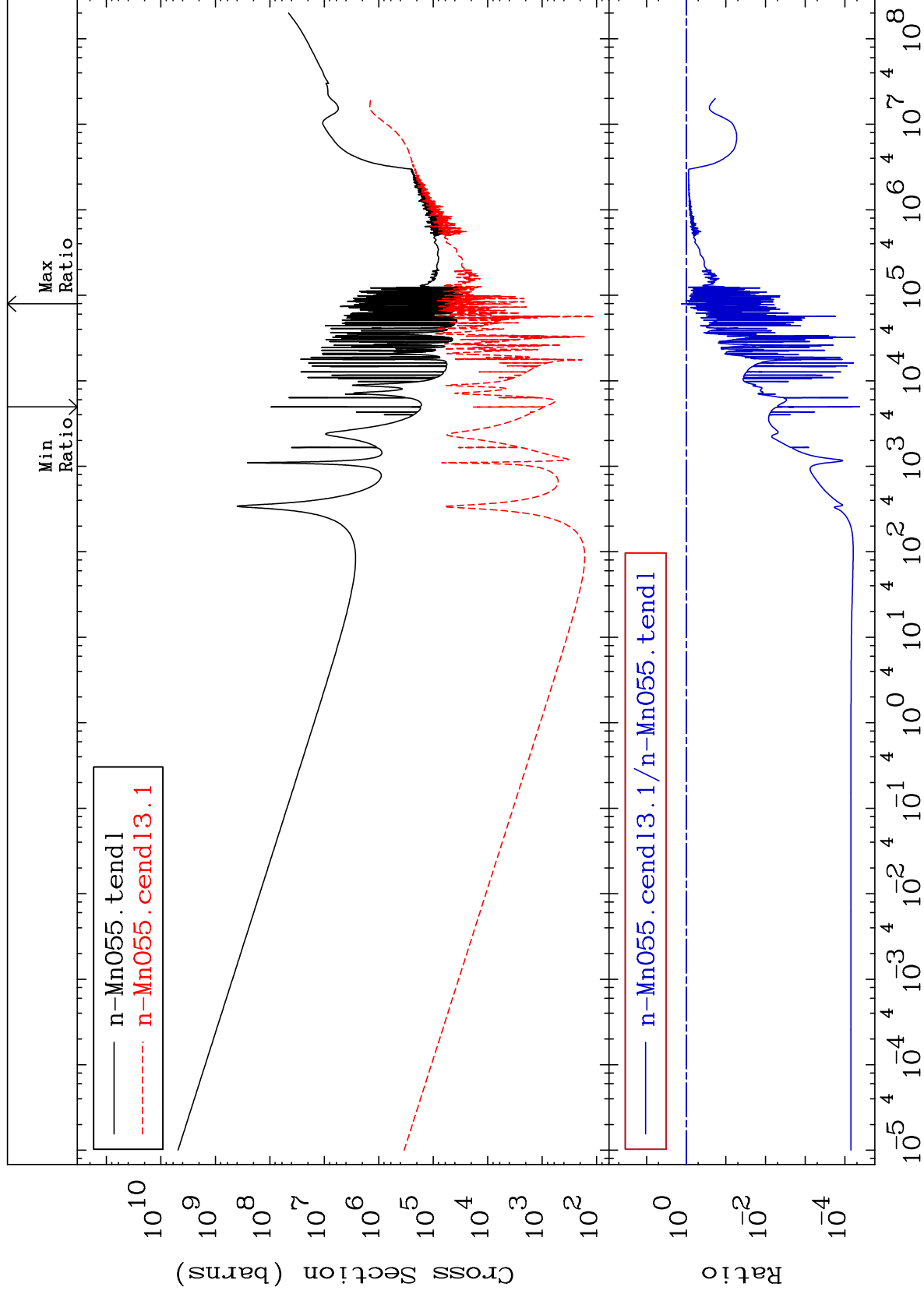


MAT 2525

Total kinematic kerma (high limit)
Cross Section

25-Mn-55

-100.0 To 34.12 %



42

Incident Energy (eV)

25-Mn-55

