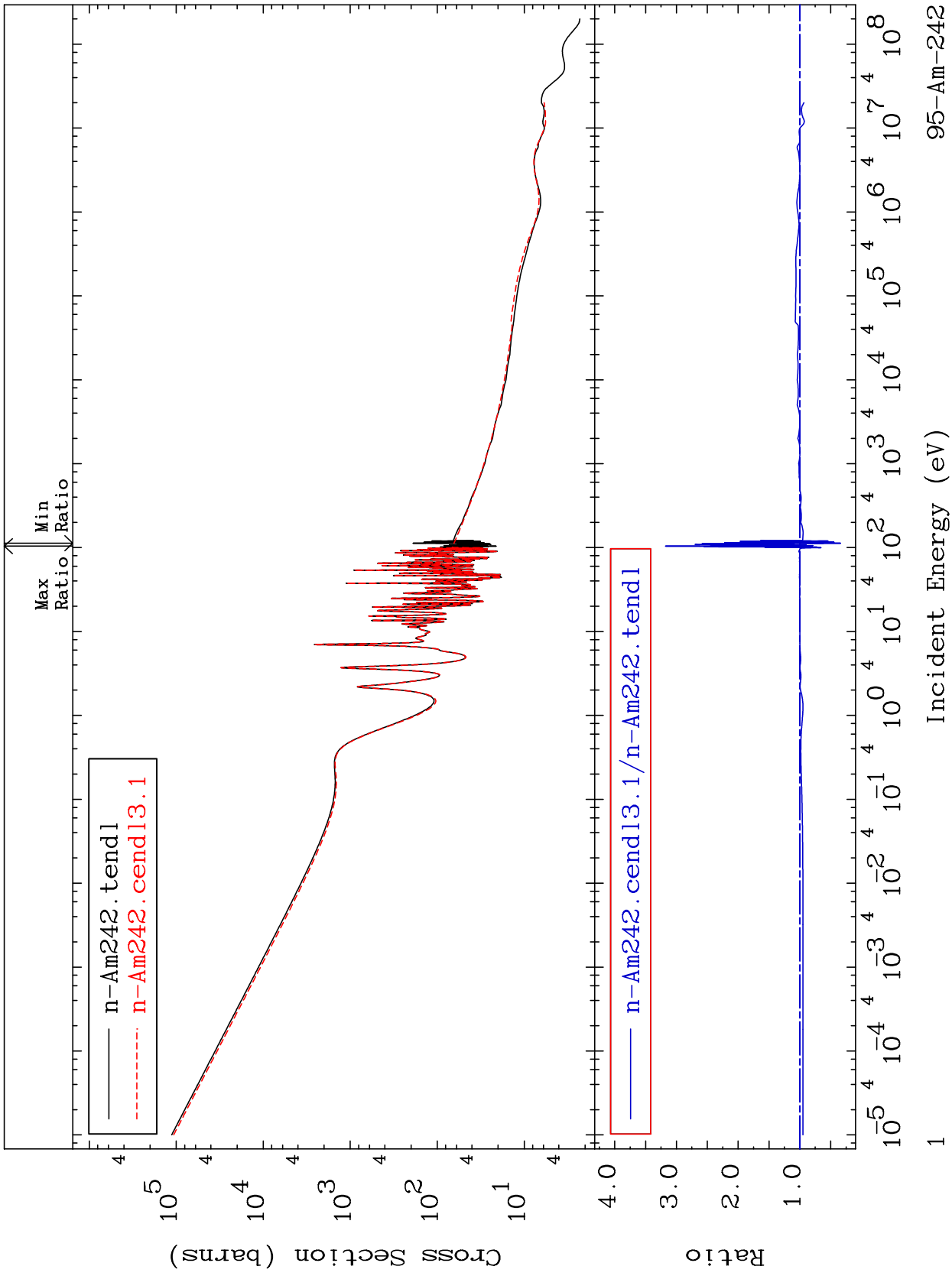


MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

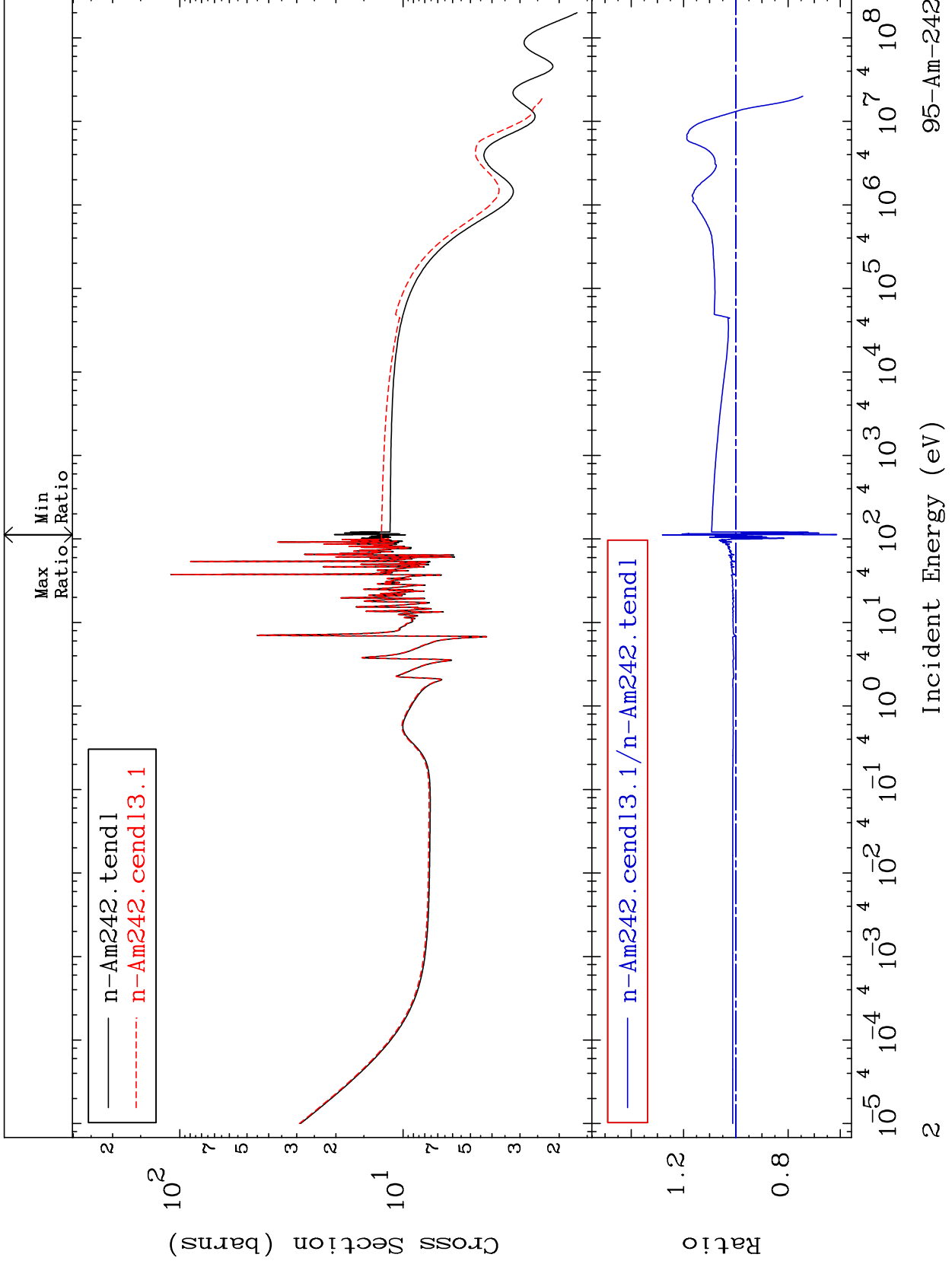


95-Am-242

MAT 9546

Elastic
Cross Section

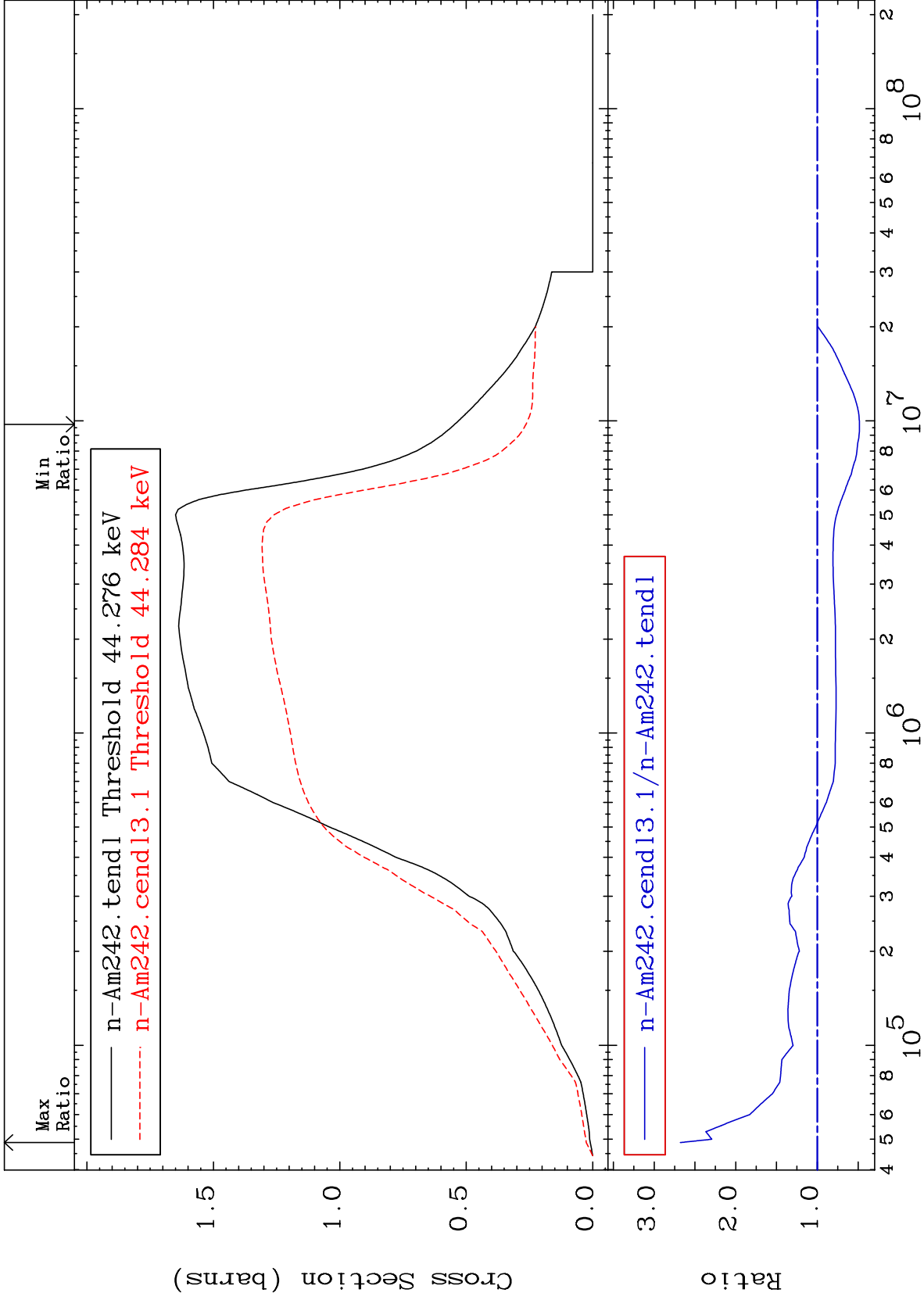
95-Am-242
-38.57 To 28.09 %



MAT 9546

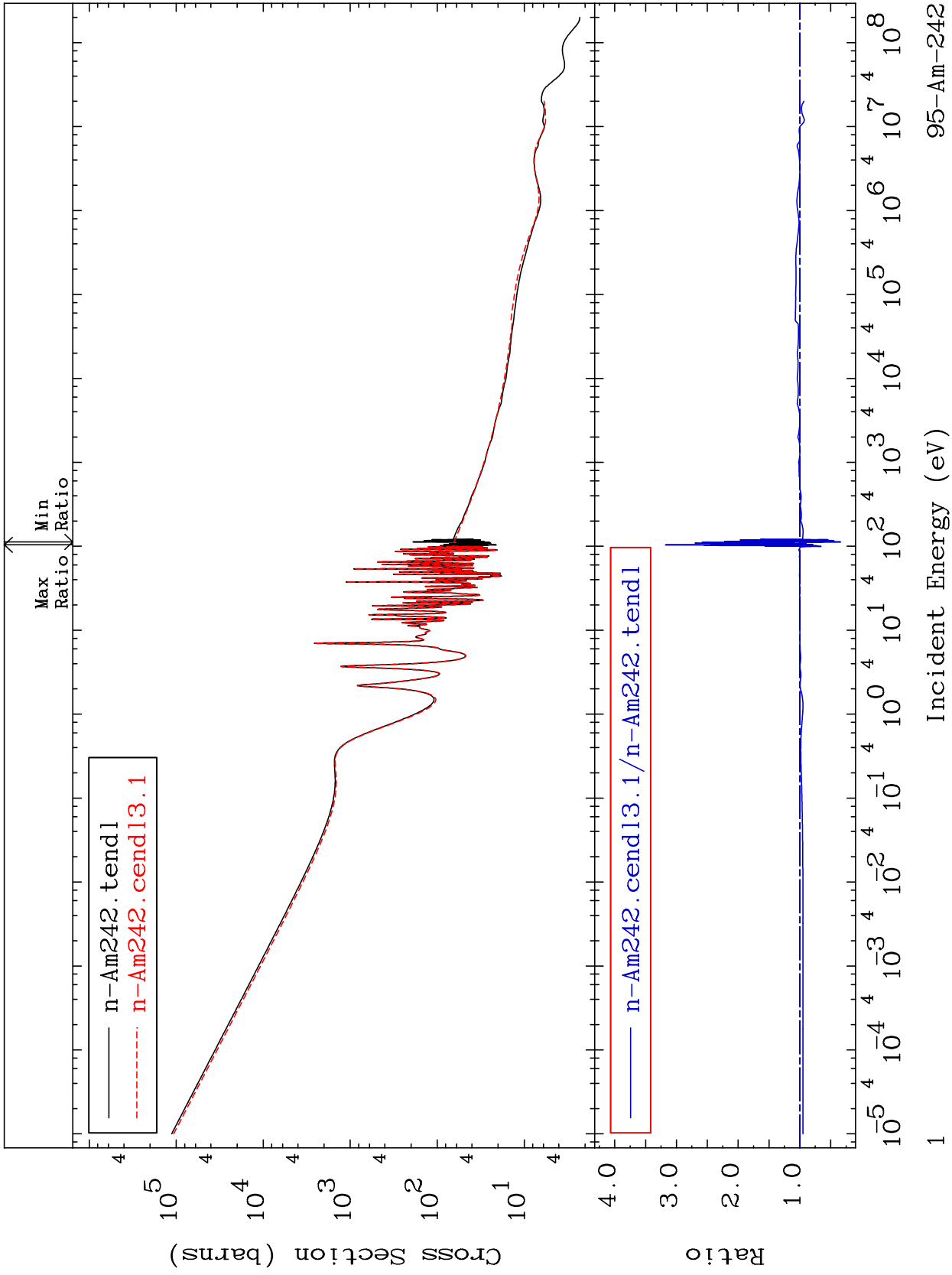
Inelastic
Cross Section

95-Am-242
-51.65 To 167.9 %



MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

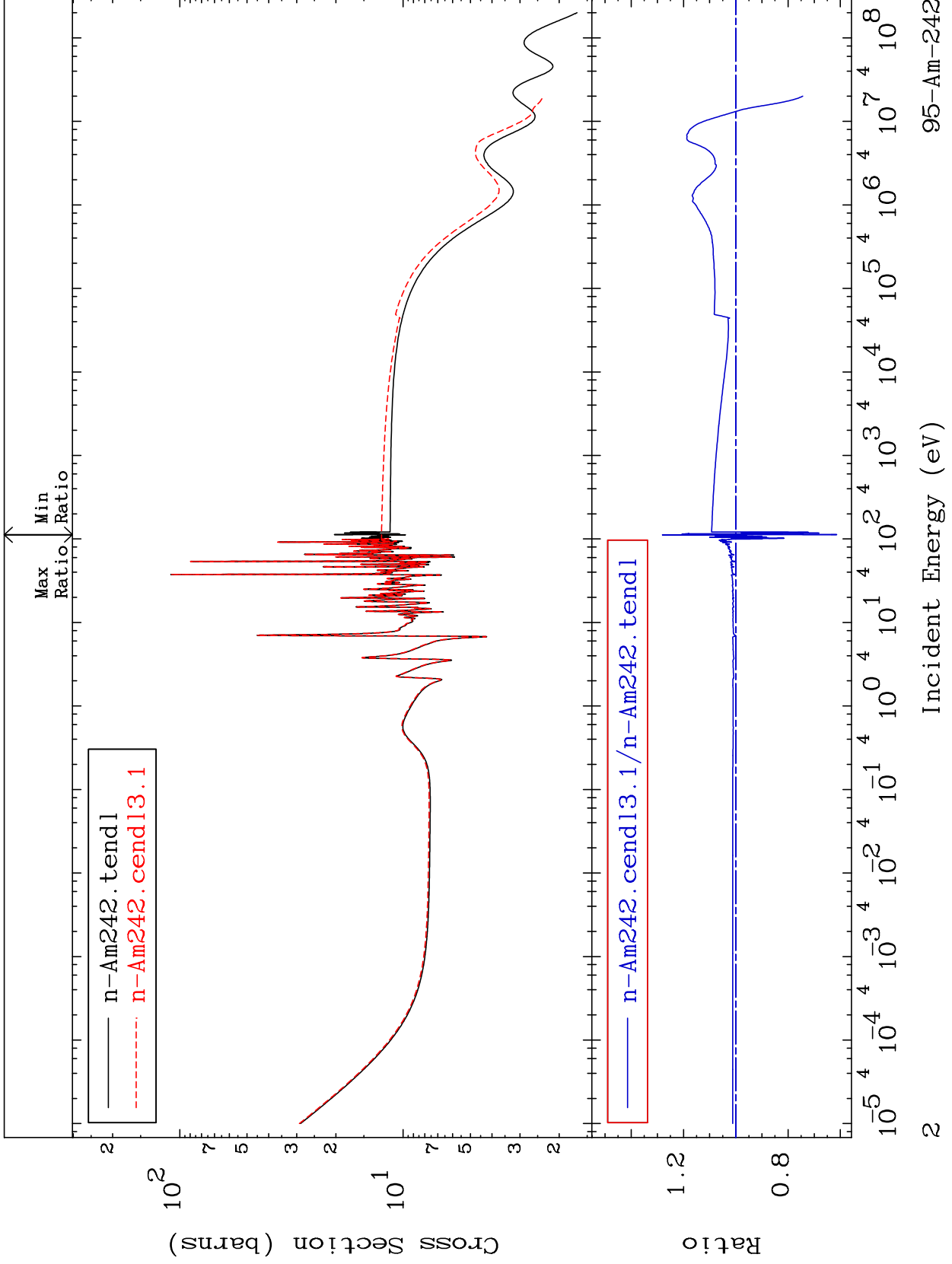


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

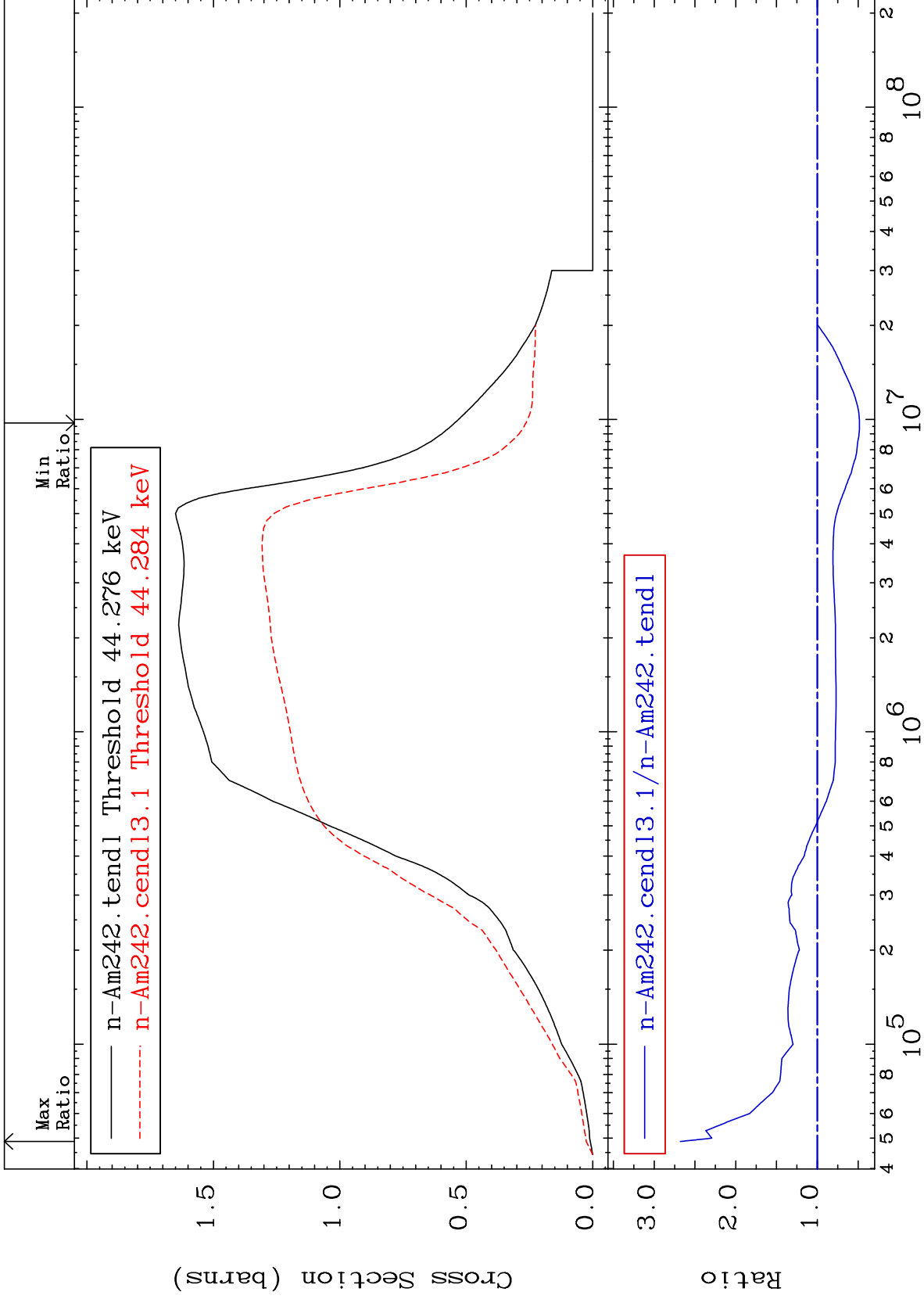


95-Am-242

MAT 9546

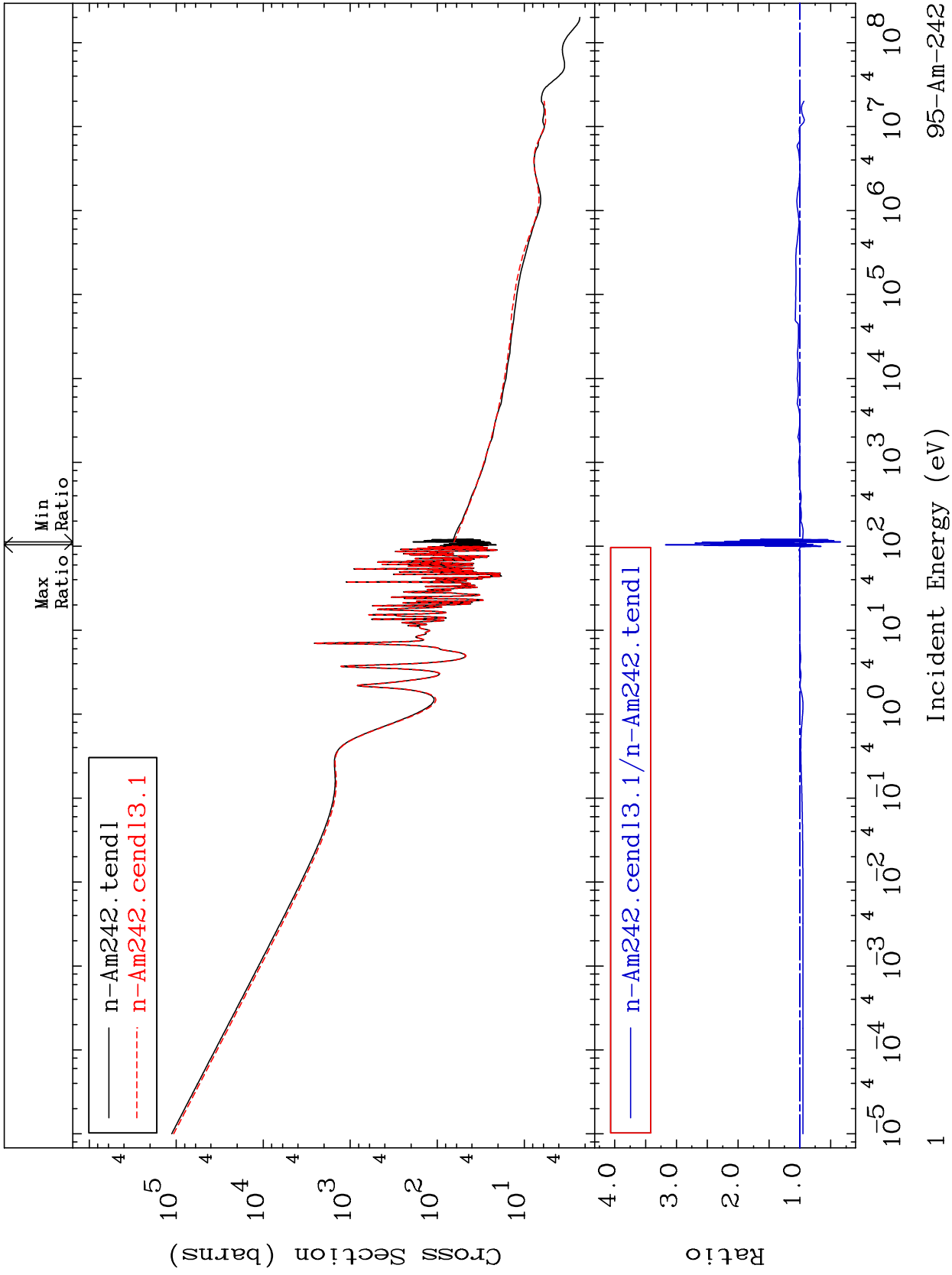
Inelastic
Cross Section

95-Am-242
-51.65 To 167.9 %



MAT 9546

Total Cross Section
95-Am-242
-66.20 To 217.7 %

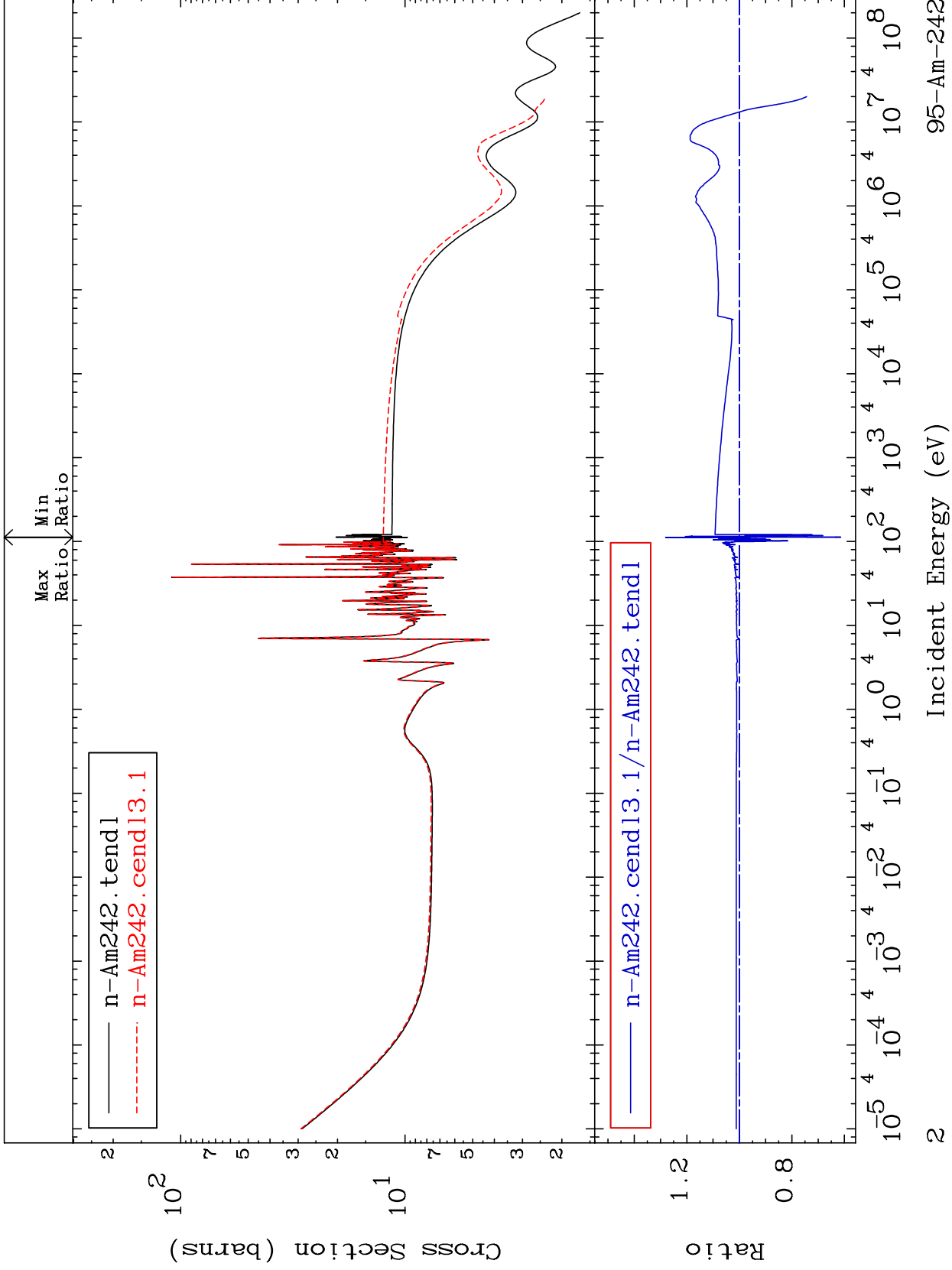


95-Am-242

MAT 9546

Elastic
Cross Section

95-Am-242
-38.57 To 28.09 %

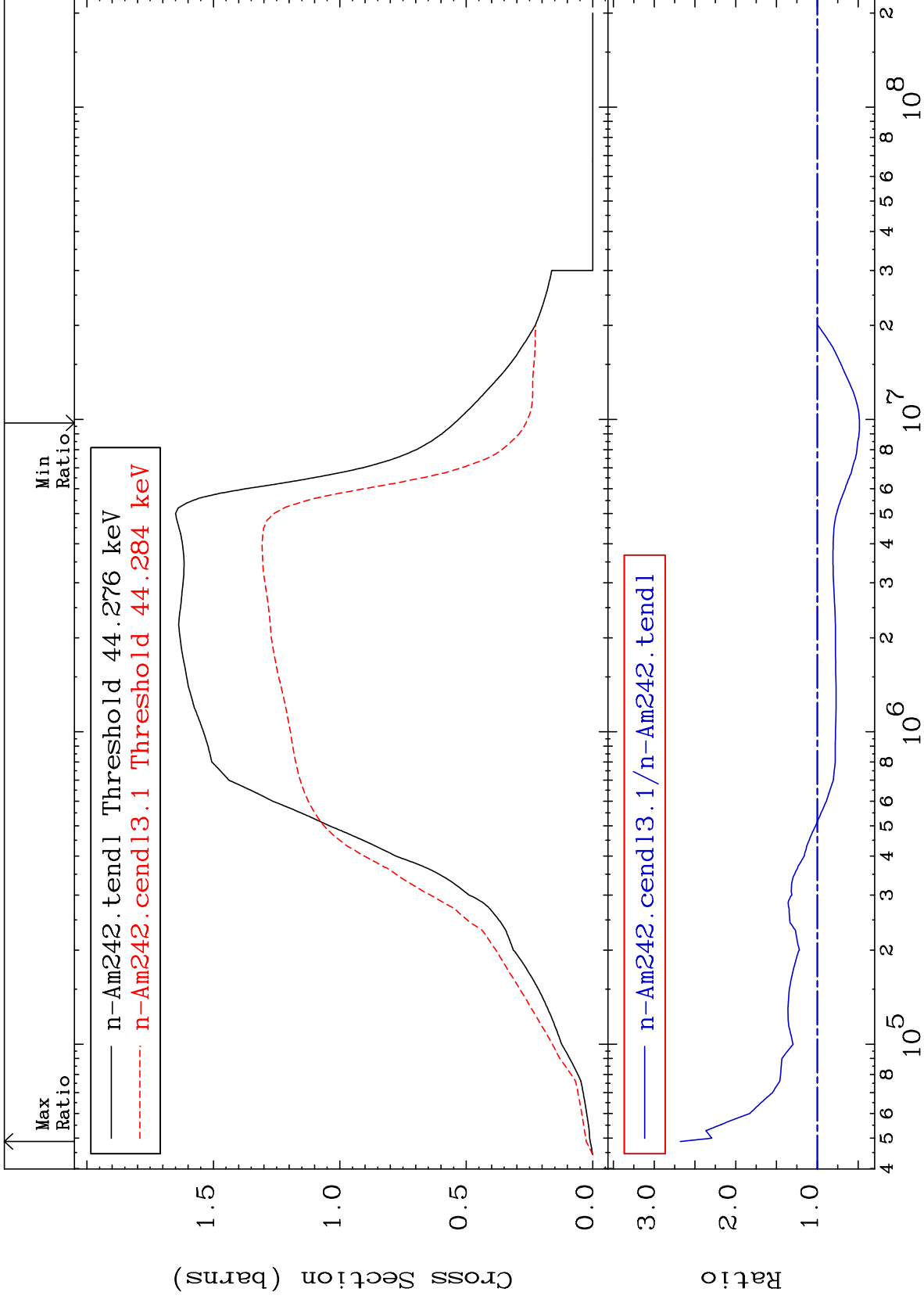


95-Am-242

MAT 9546

Inelastic
Cross Section

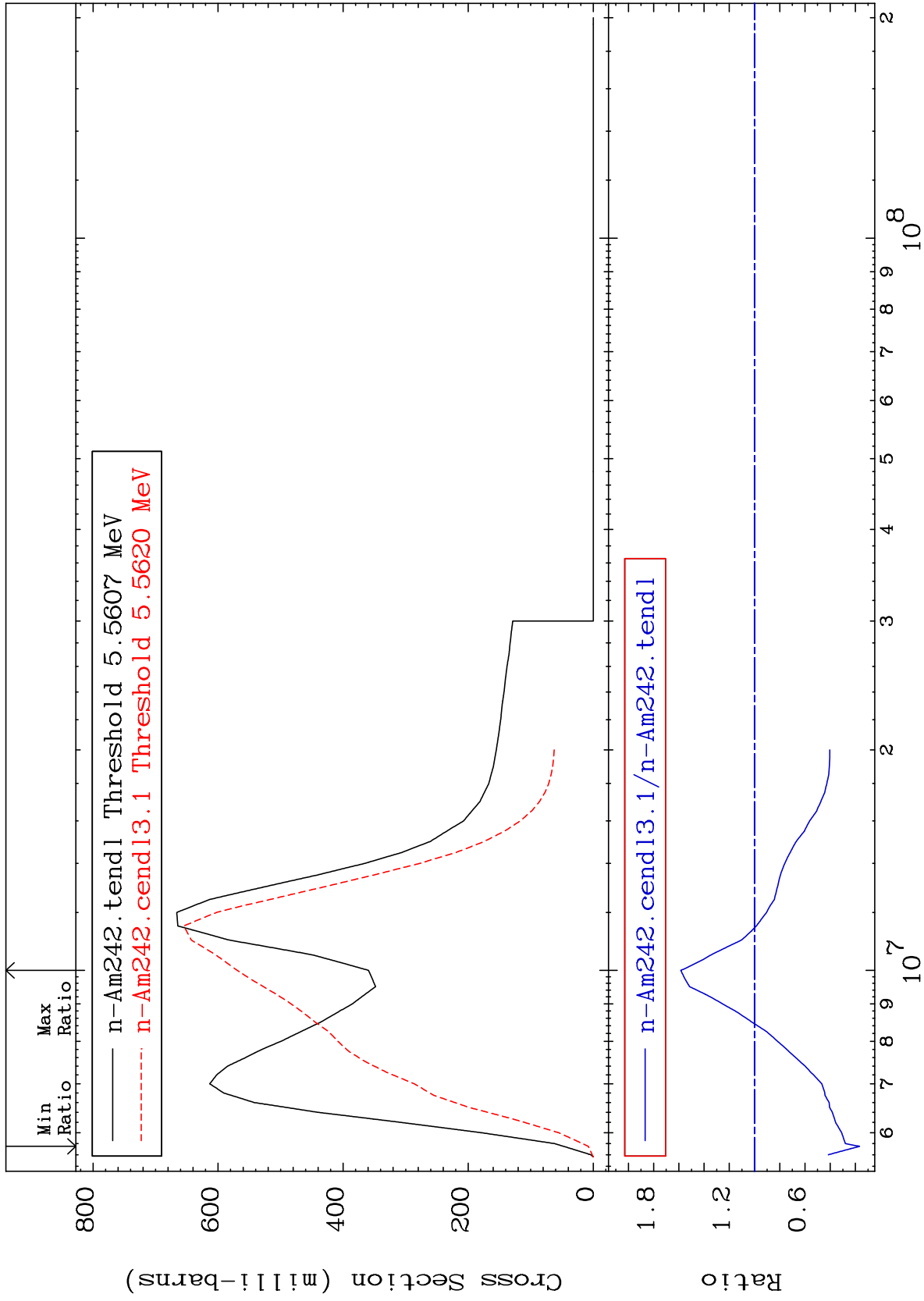
95-Am-242
-51.65 To 167.9 %



MAT 9546

(n,2n)
Cross Section

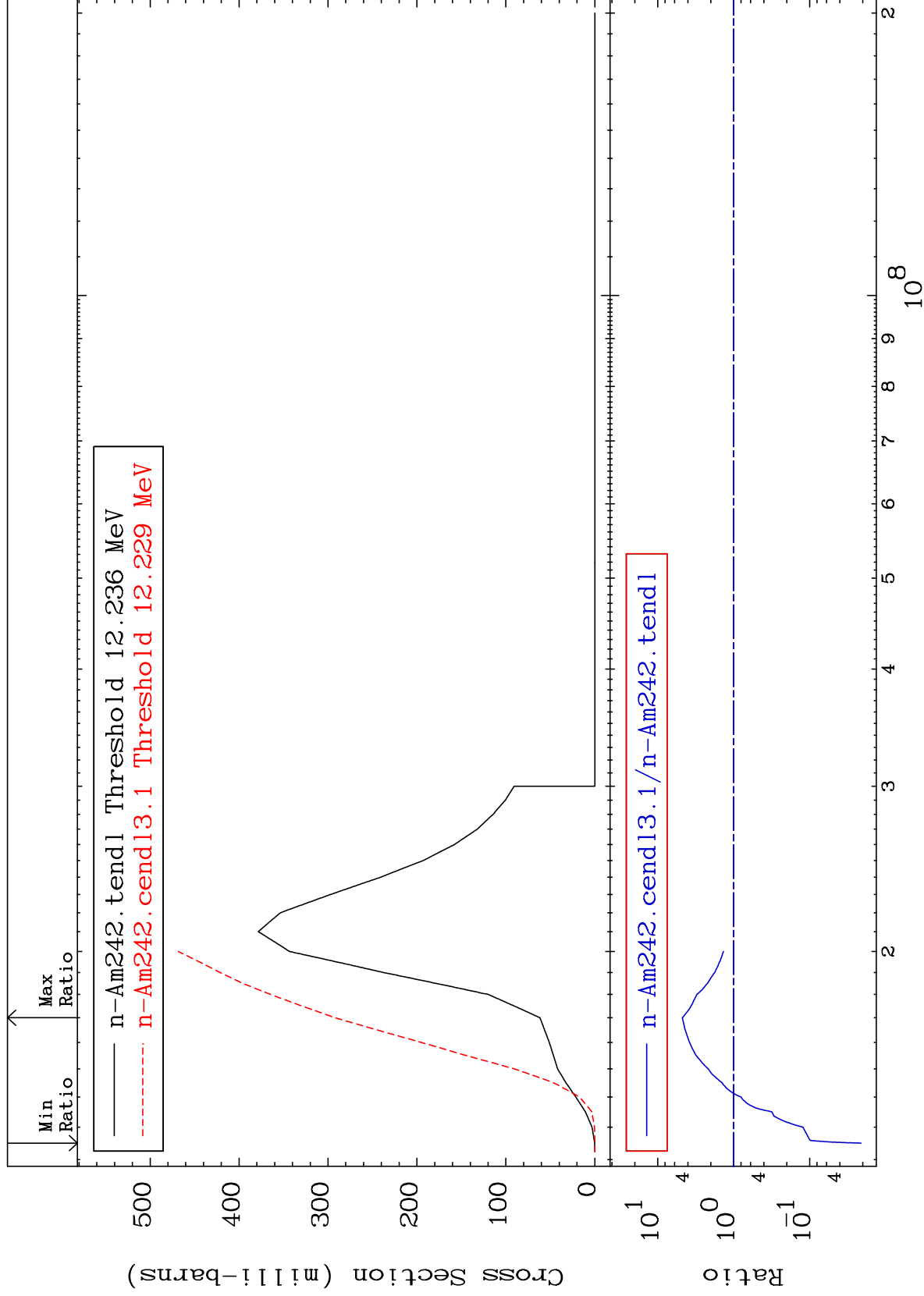
95-Am-242
-83.27 To 58.49 %



MAT 9546

(n, 3n)
Cross Section

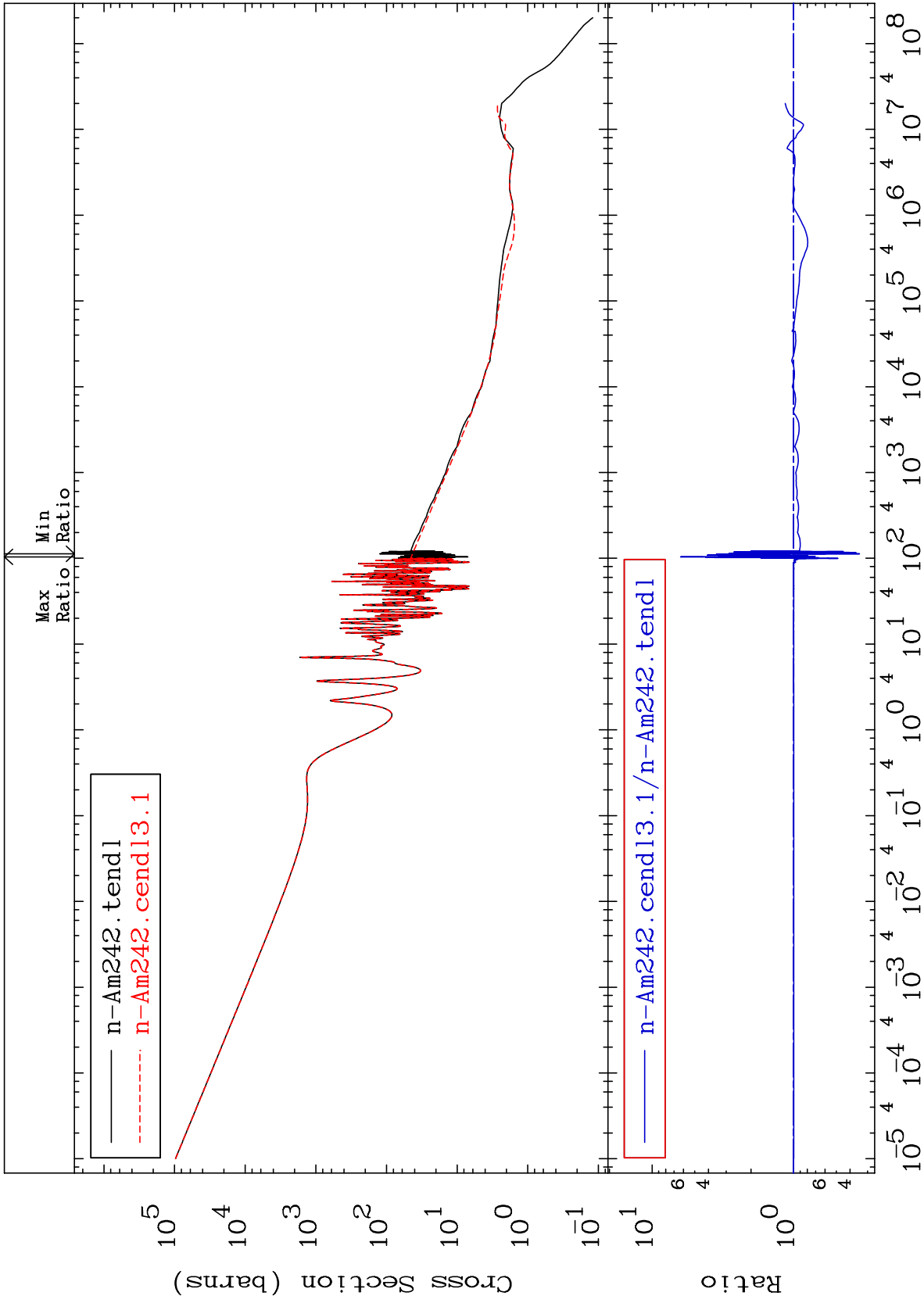
95-Am-242
-97.89 To 373.3 %



MAT 9546

Fission
Cross Section

95-Am-242
-65.71 To 531.3 %



6

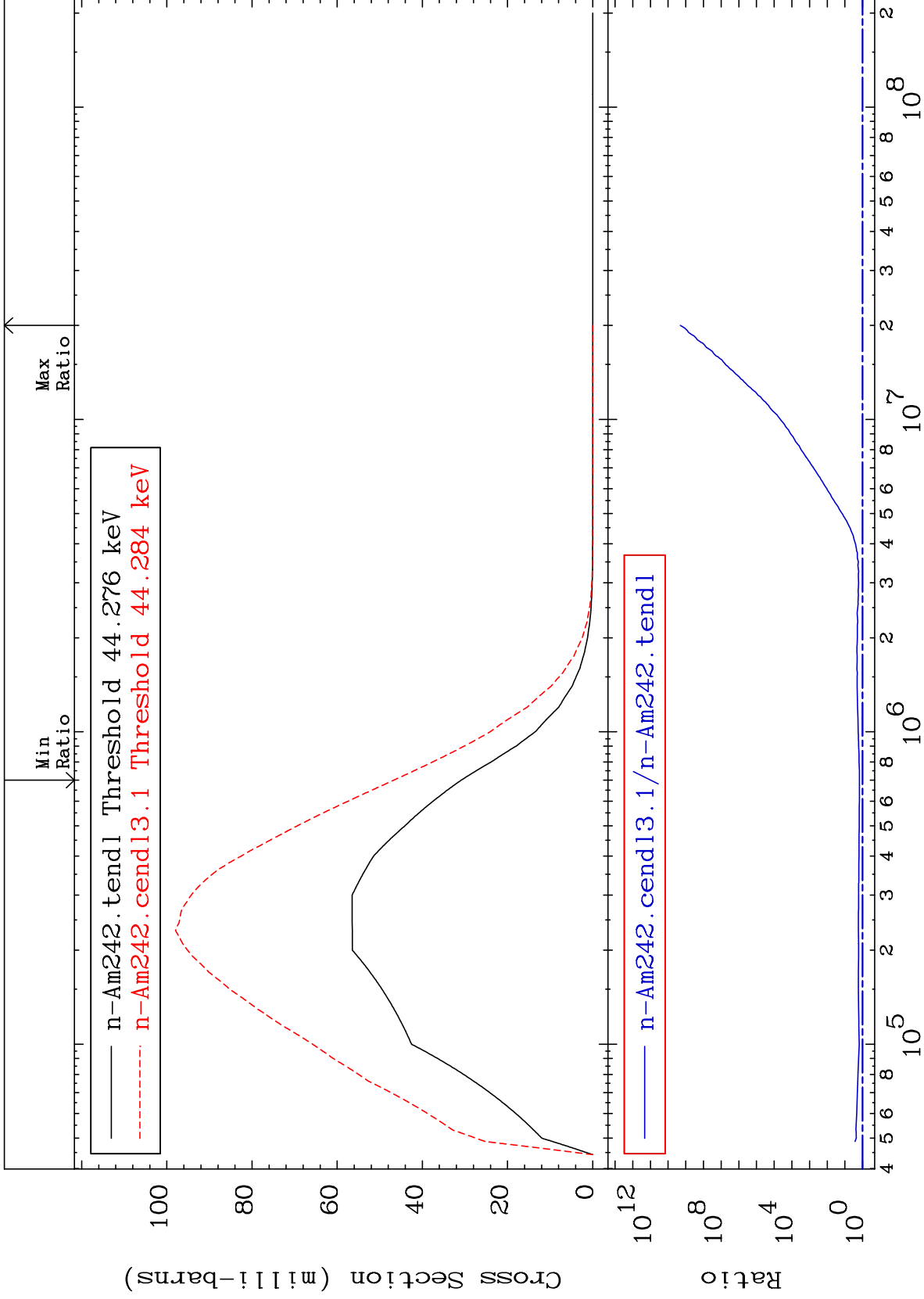
Incident Energy (eV)

95-Am-242

MAT 9546

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

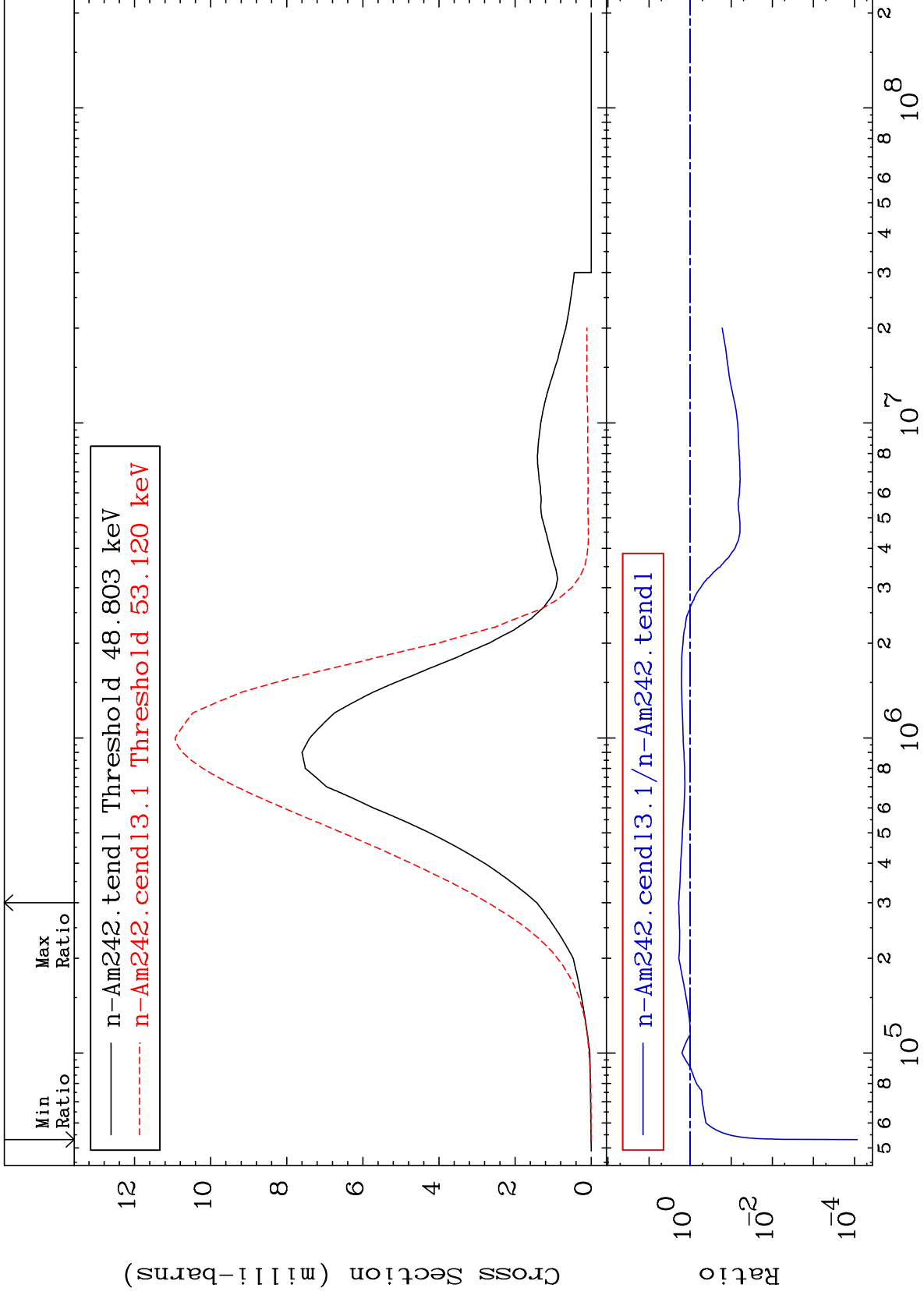
95-Am-242
51.31 To 9999. %



MAT 9546

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

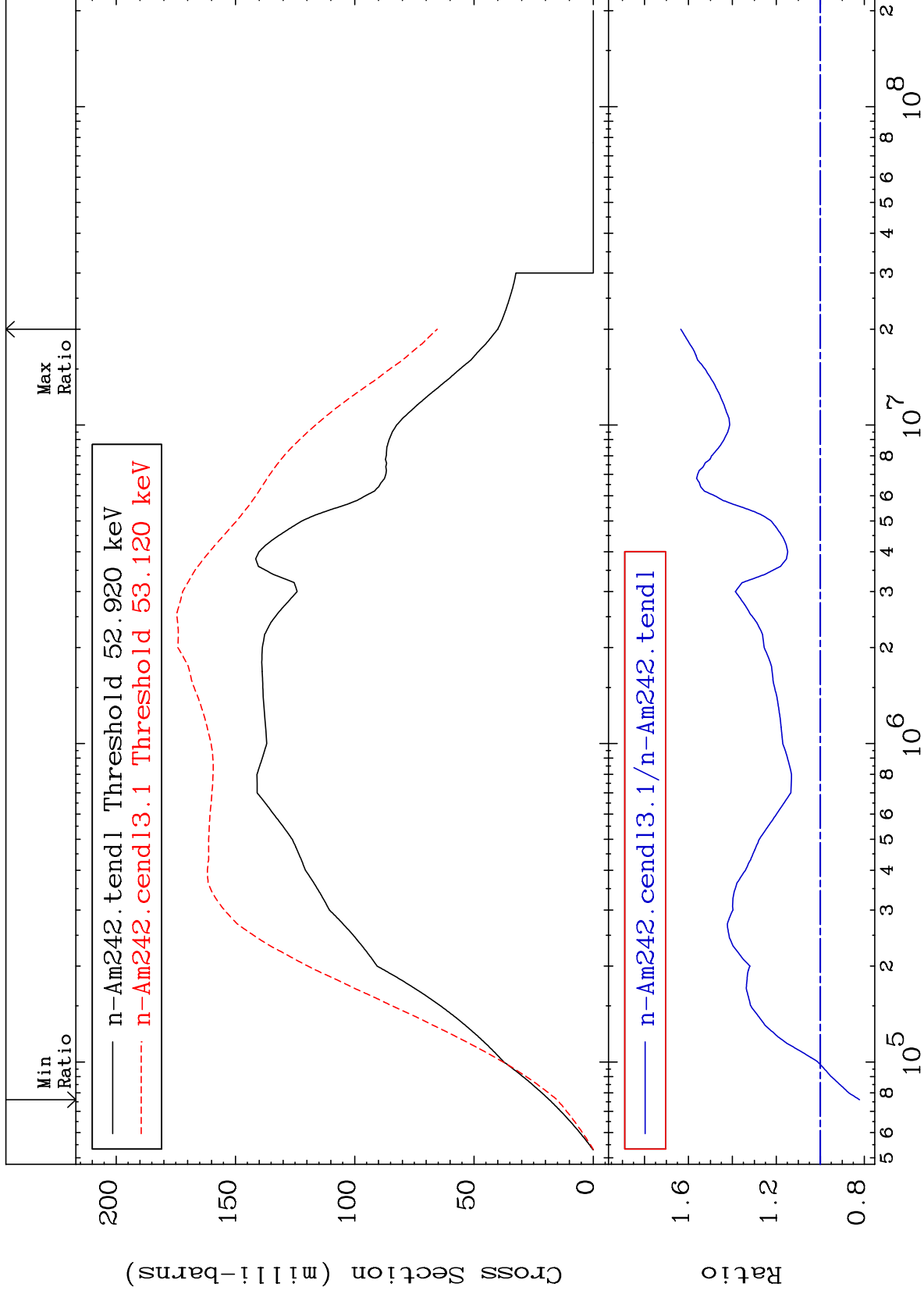
95-Am-242
-99.99 To 89.93 %



MAT 9546

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

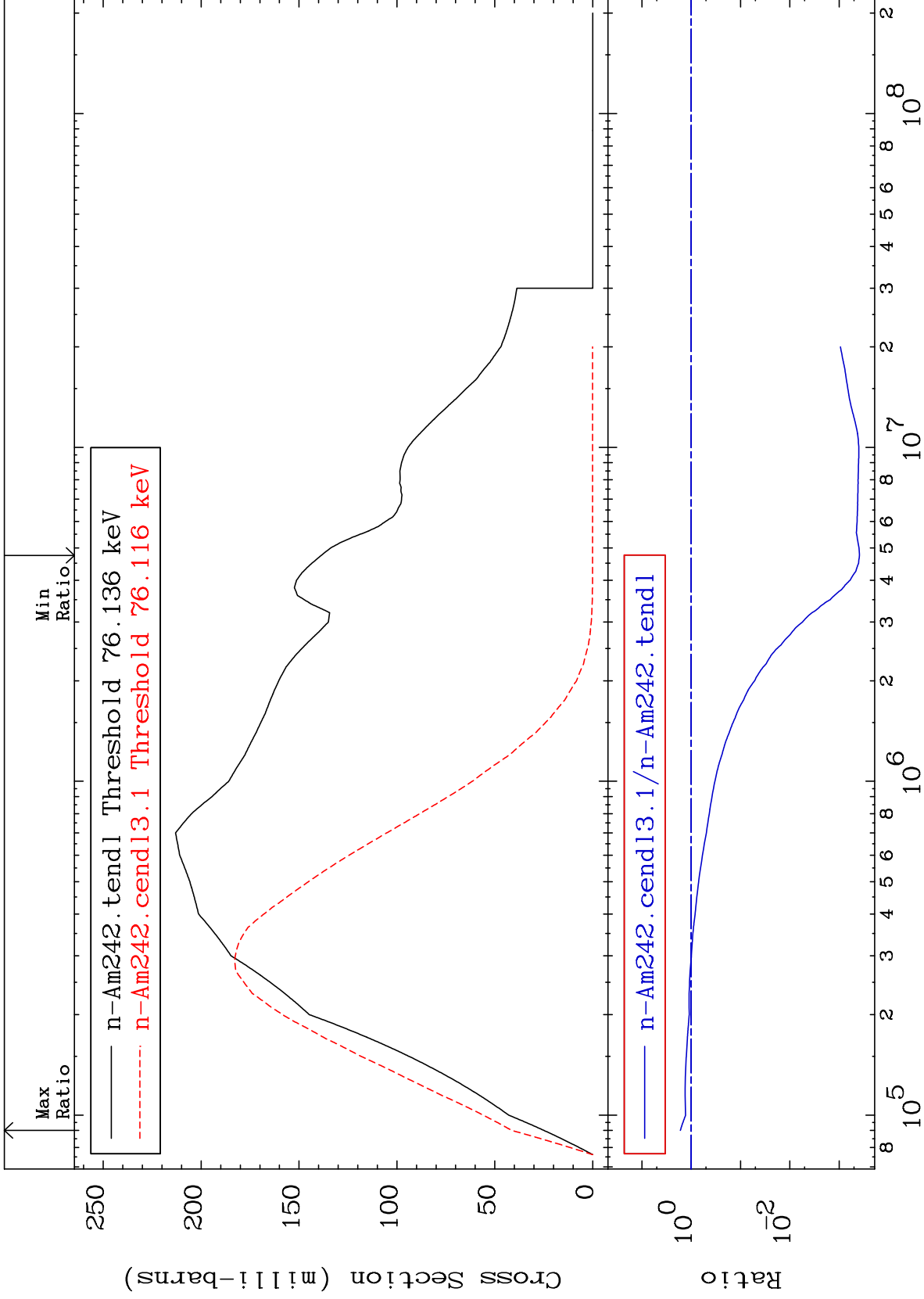
95-Am-242
-17.85 To 63.48 %



MAT 9546

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

95-Am-242
-99.96 To 65.99 %



10

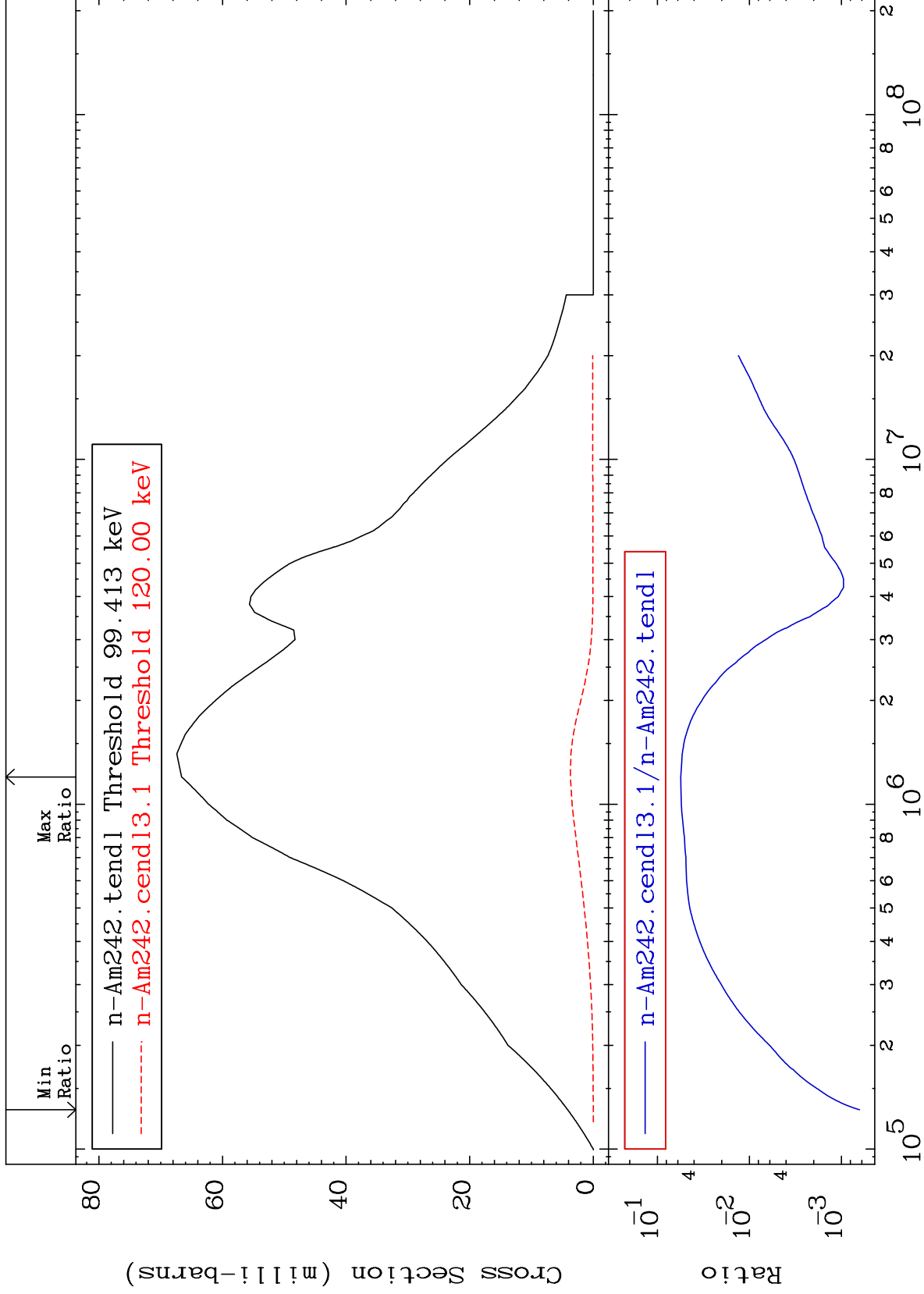
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
-99.94 To -94.43%



11

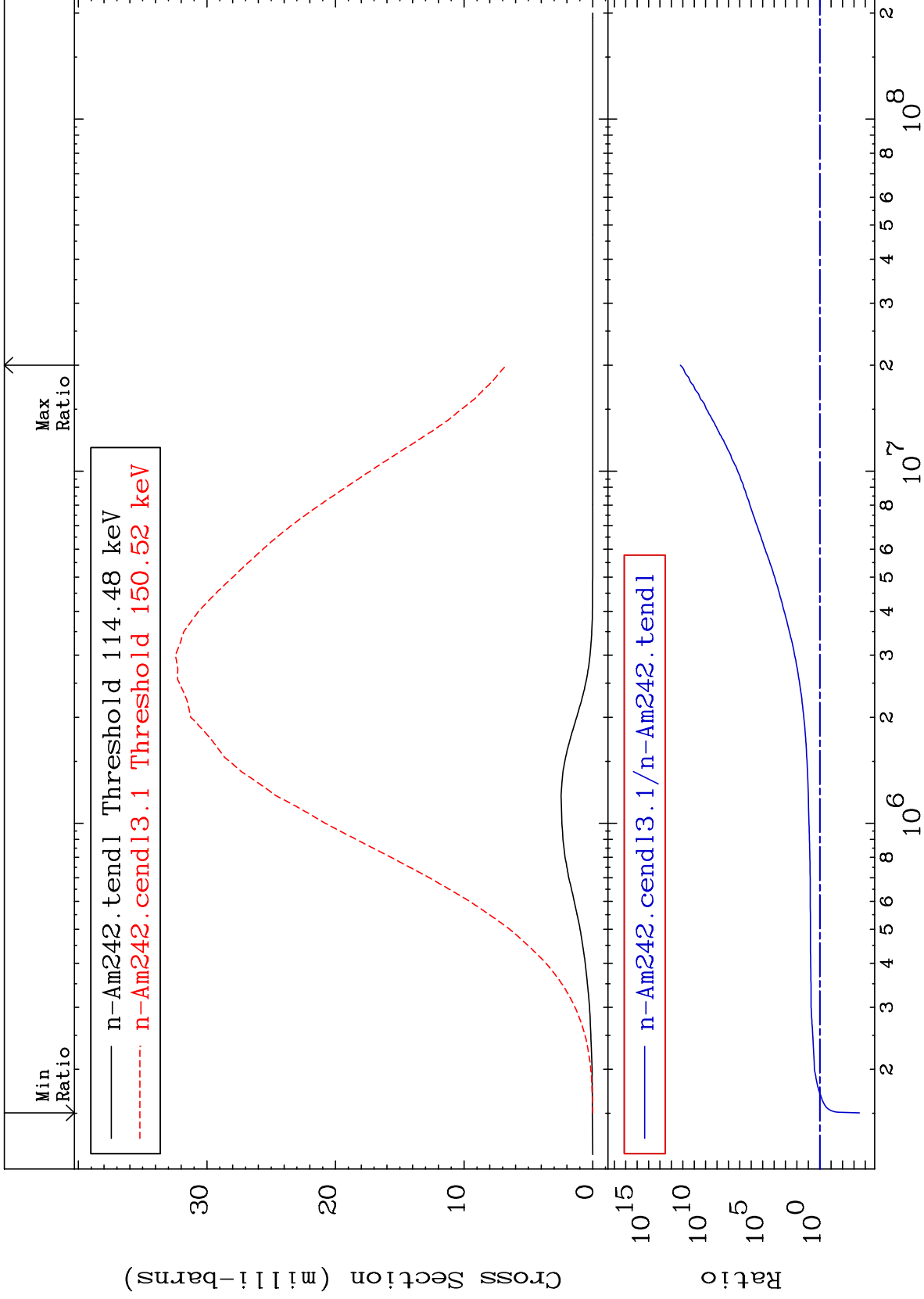
Incident Energy (eV)

95-Am-242

MAT 9546

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

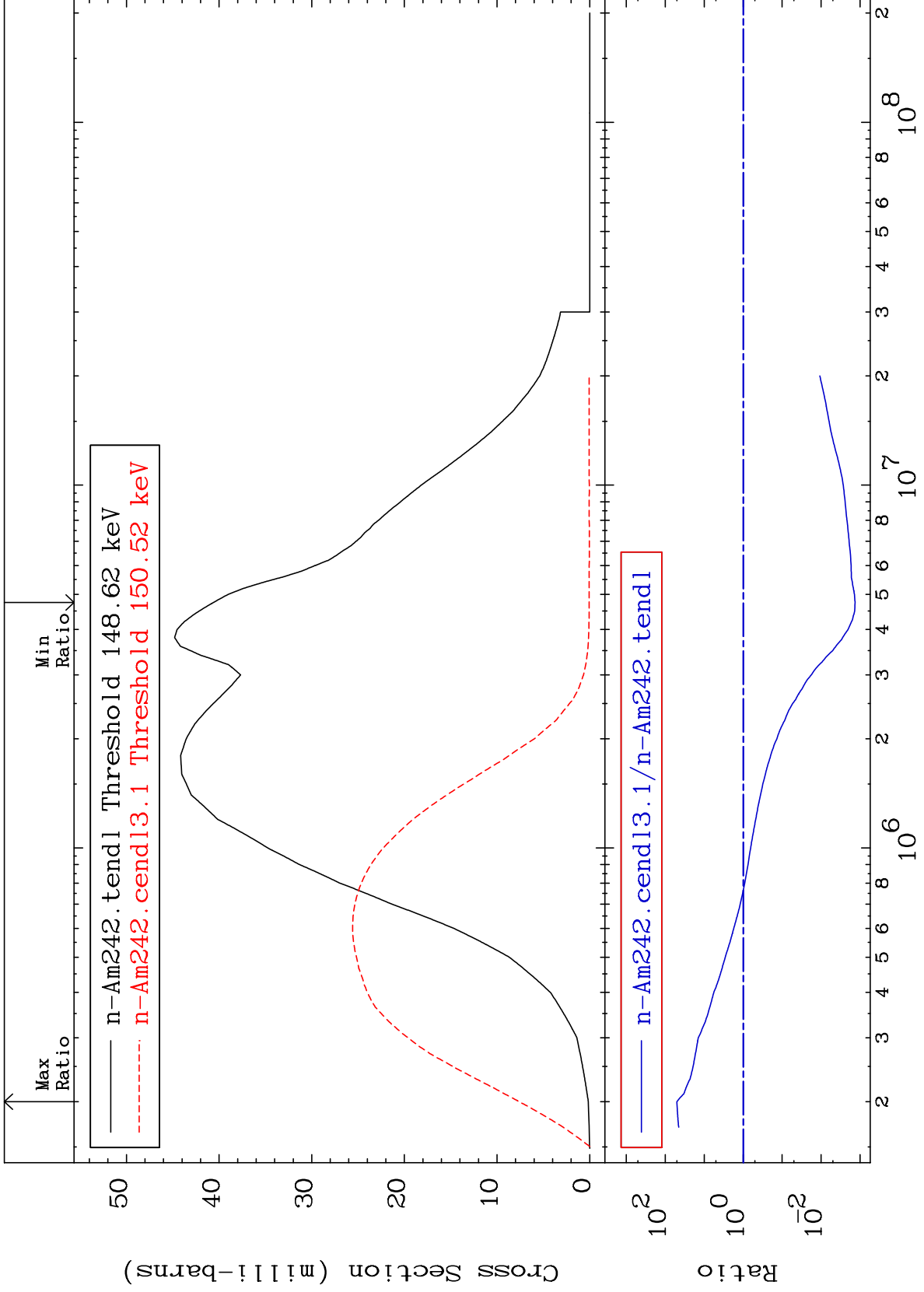
95-Am-242
-99.97 To 9999. %



MAT 9546

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

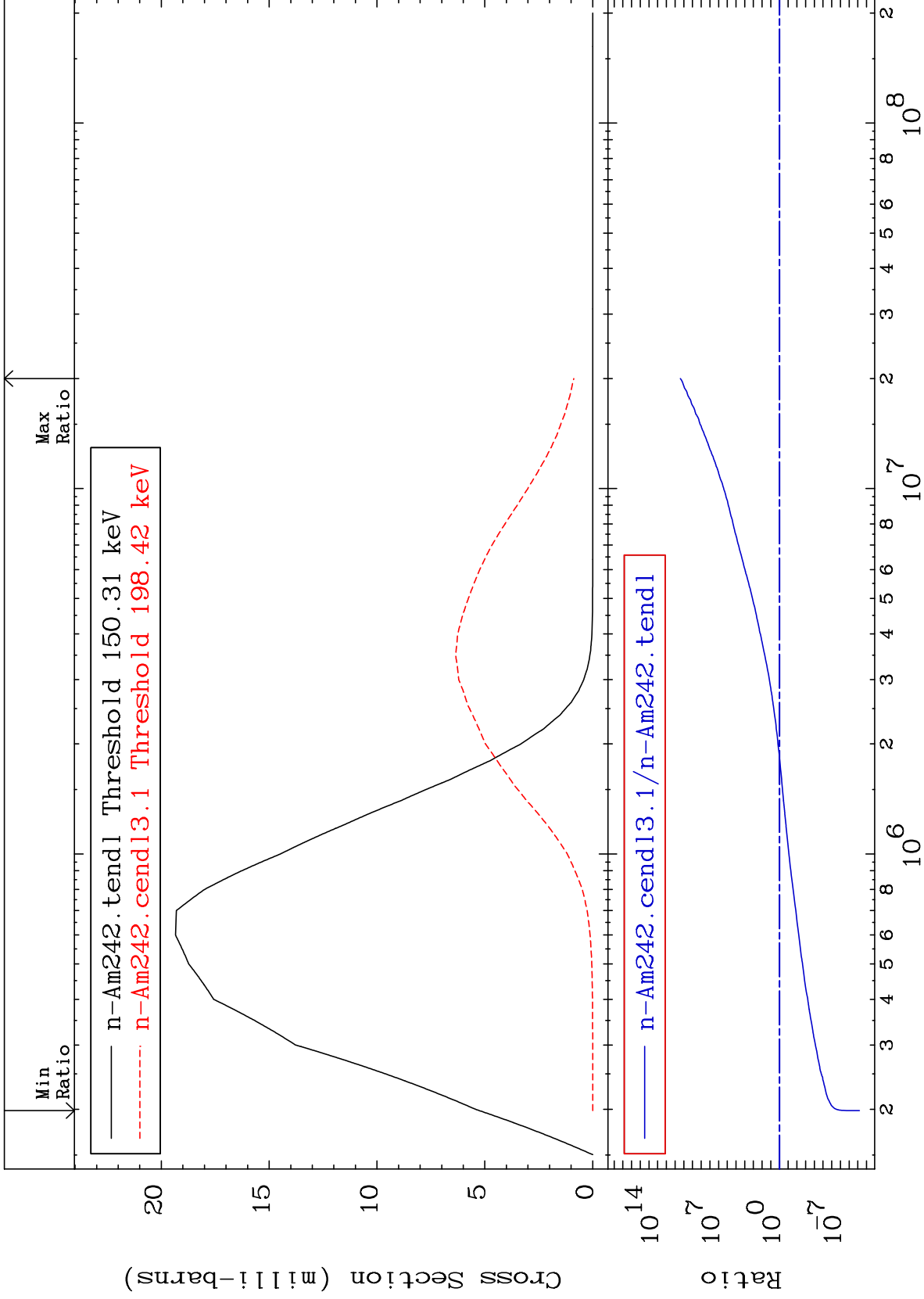
95-Am-242
-99.87 To 4898. %



MAT 9546

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

95-Am-242
-100.0 To 9999. %



14

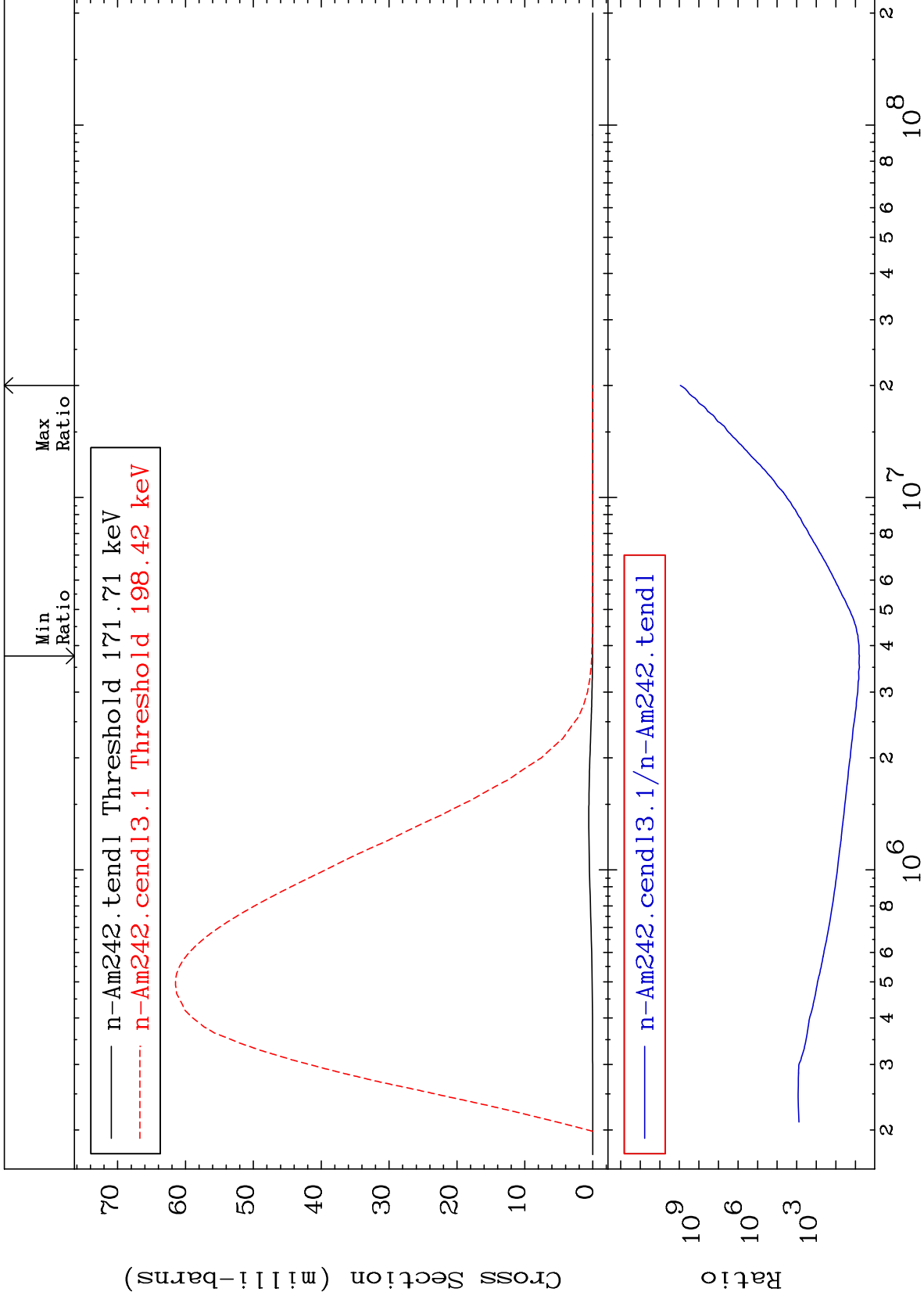
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
520.5 To 9999. %



15

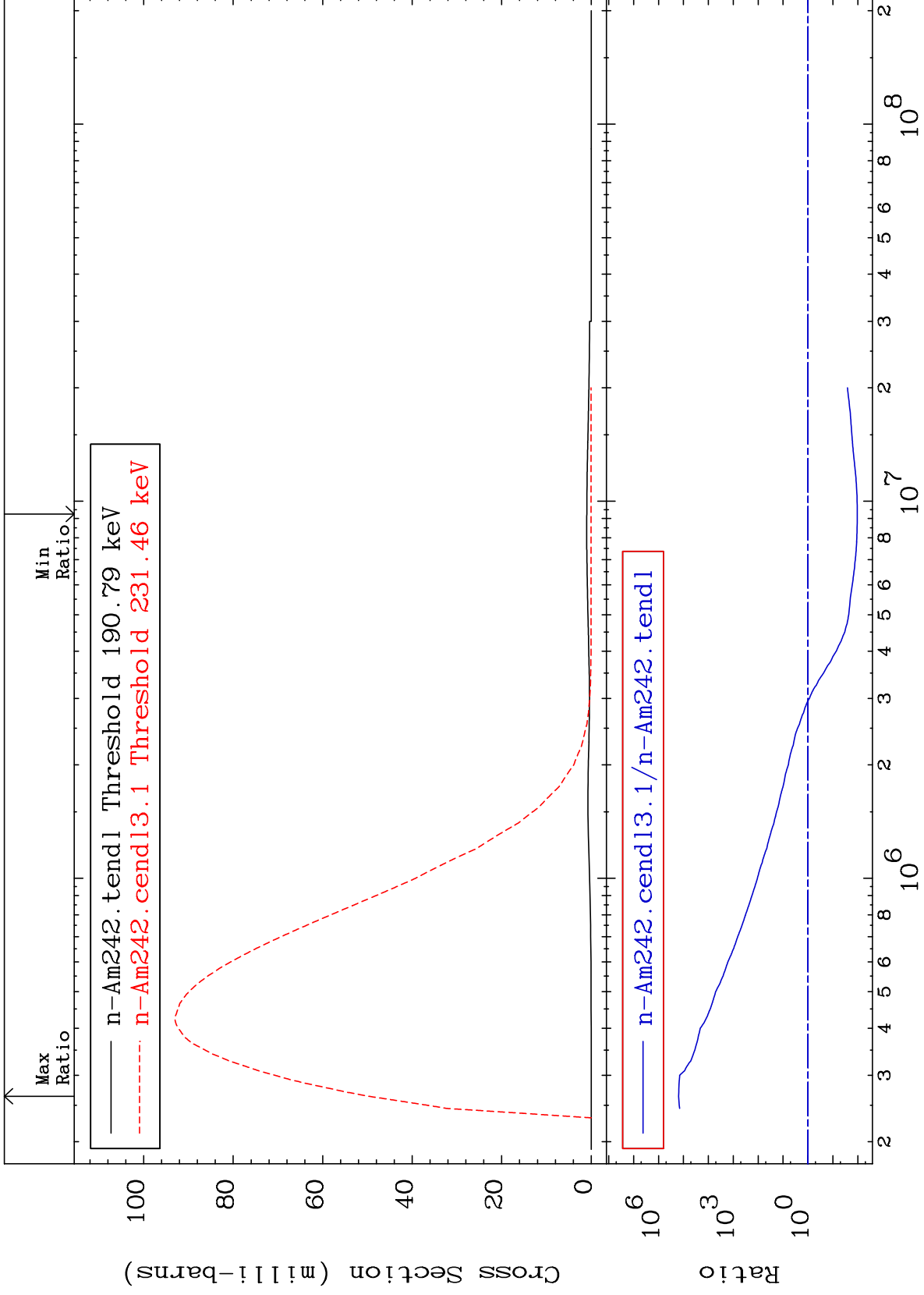
Incident Energy (eV)

95-Am-242

MAT 9546

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

95-Am-242
-98.95 To 9999. %



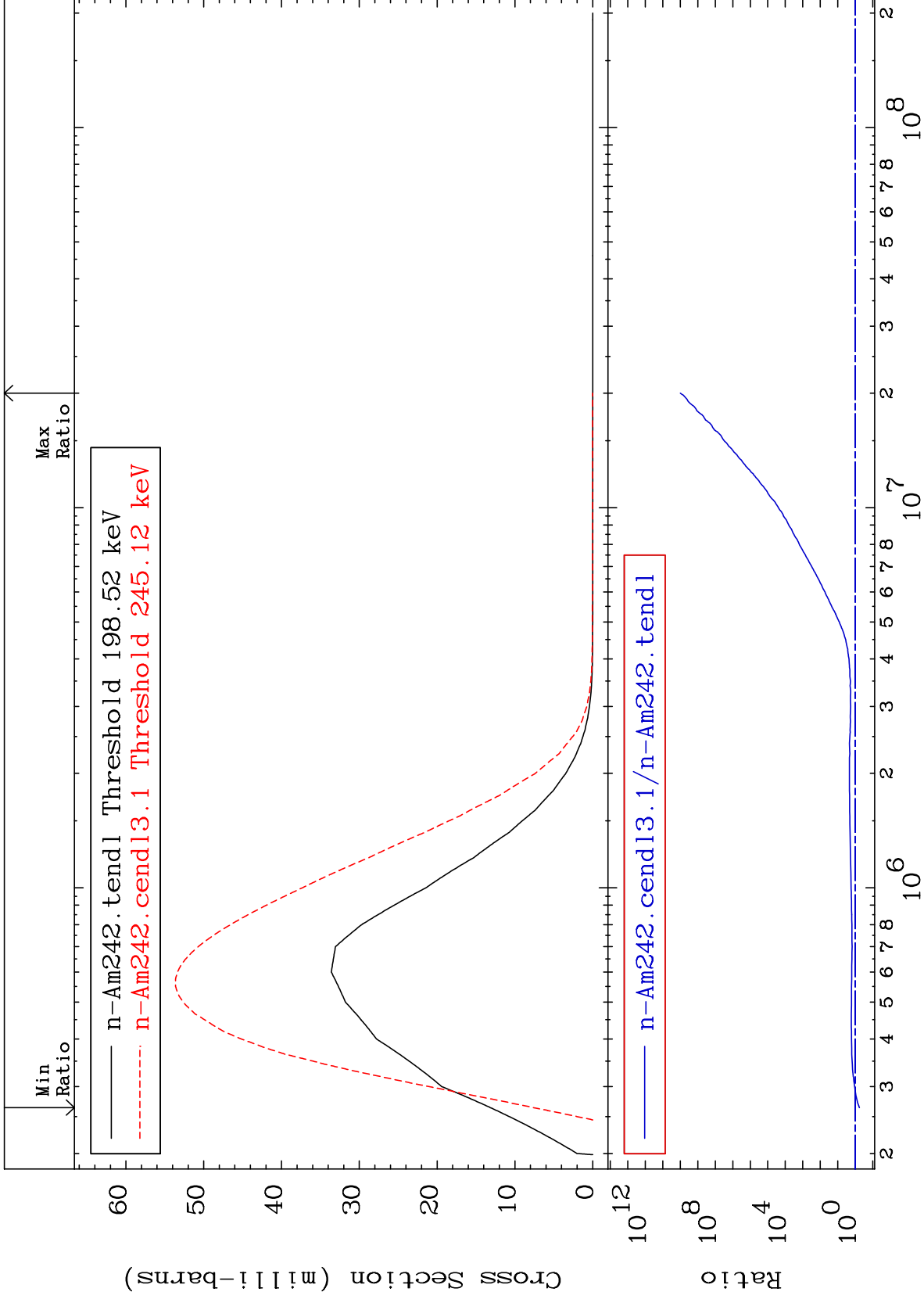
16

95-Am-242

MAT 9546

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

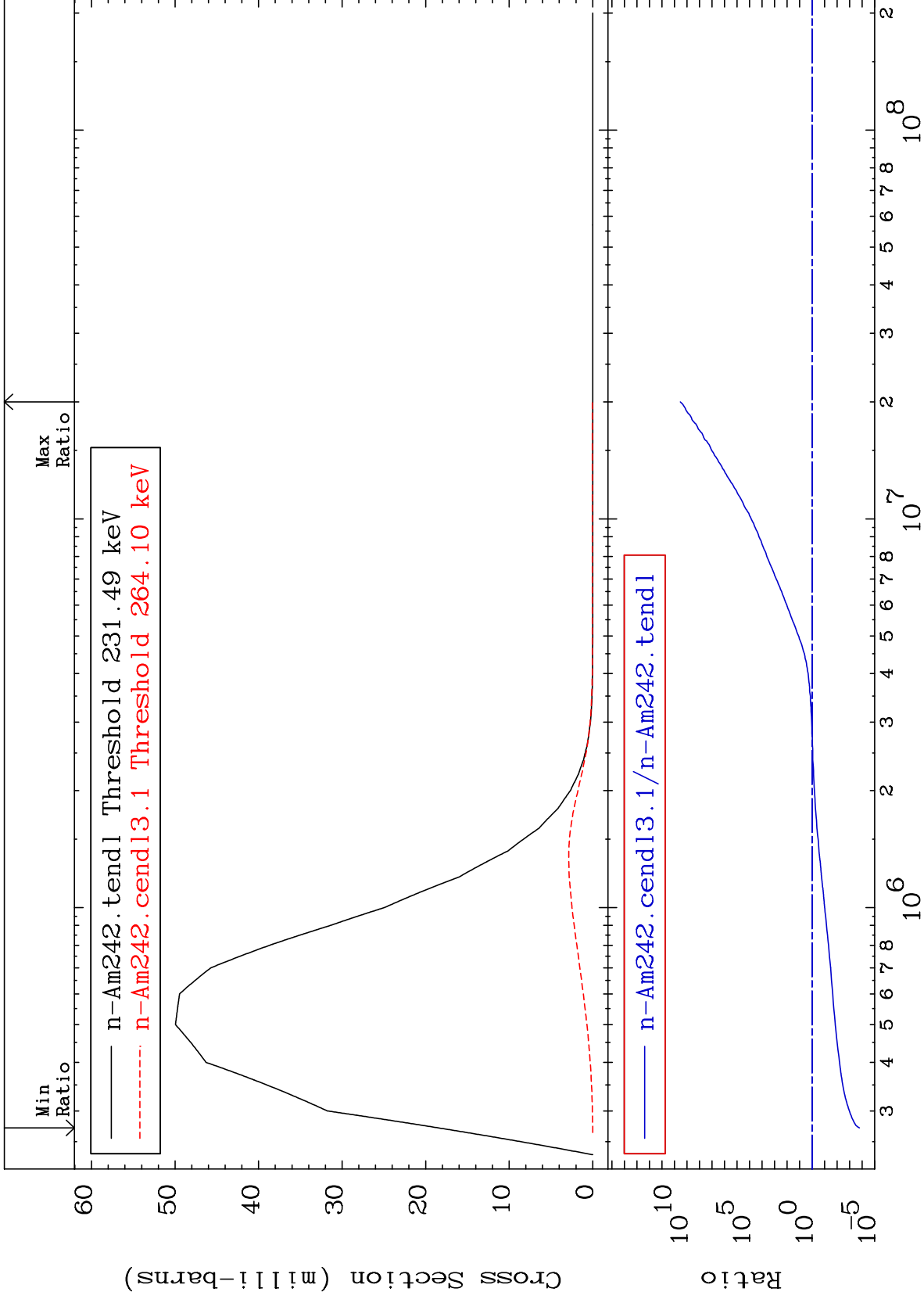
95-Am-242
-42.04 To 9999. %



MAT 9546

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

95-Am-242
-99.98 To 9999. %



18

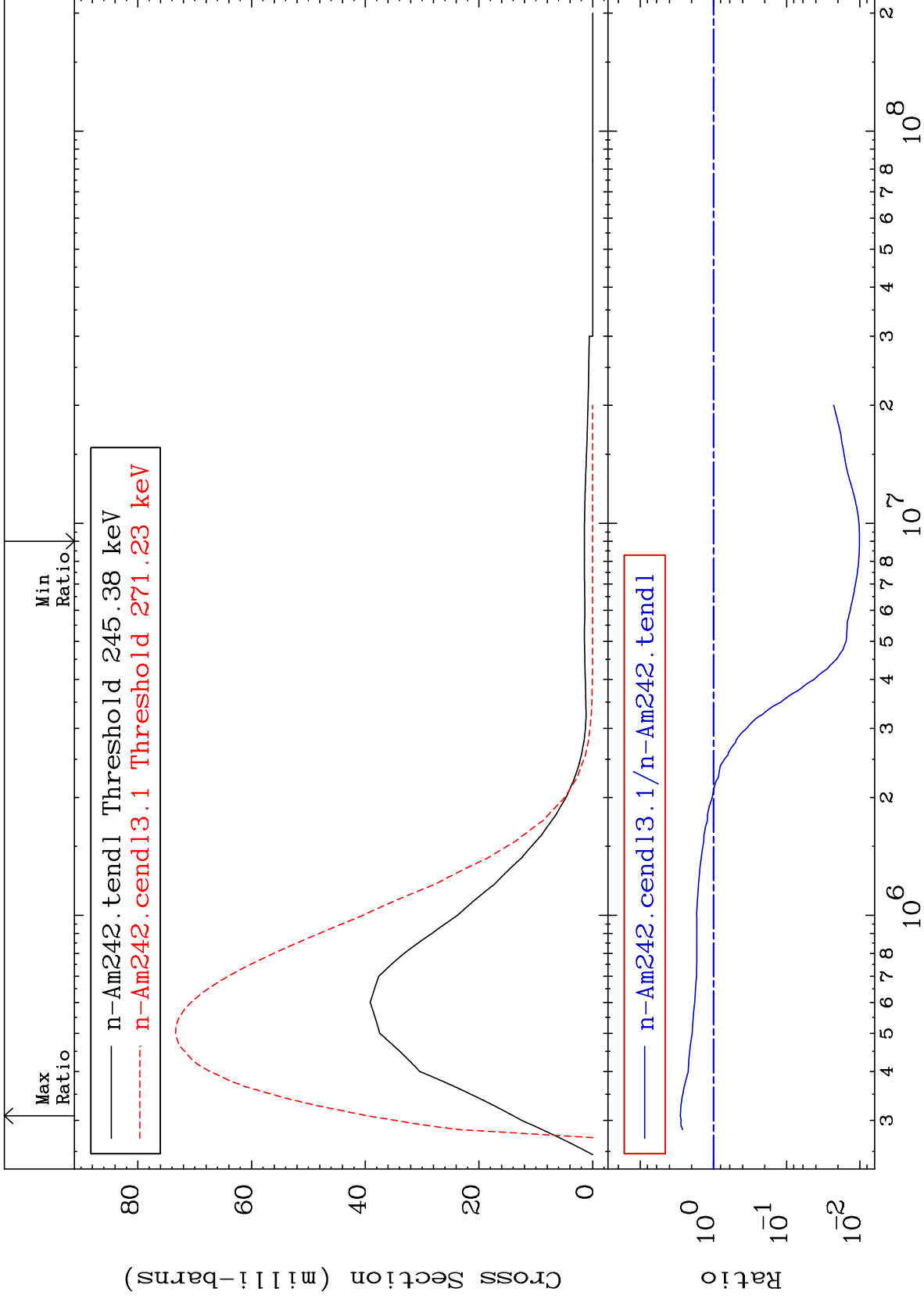
Incident Energy (eV)

95-Am-242

MAT 9546

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

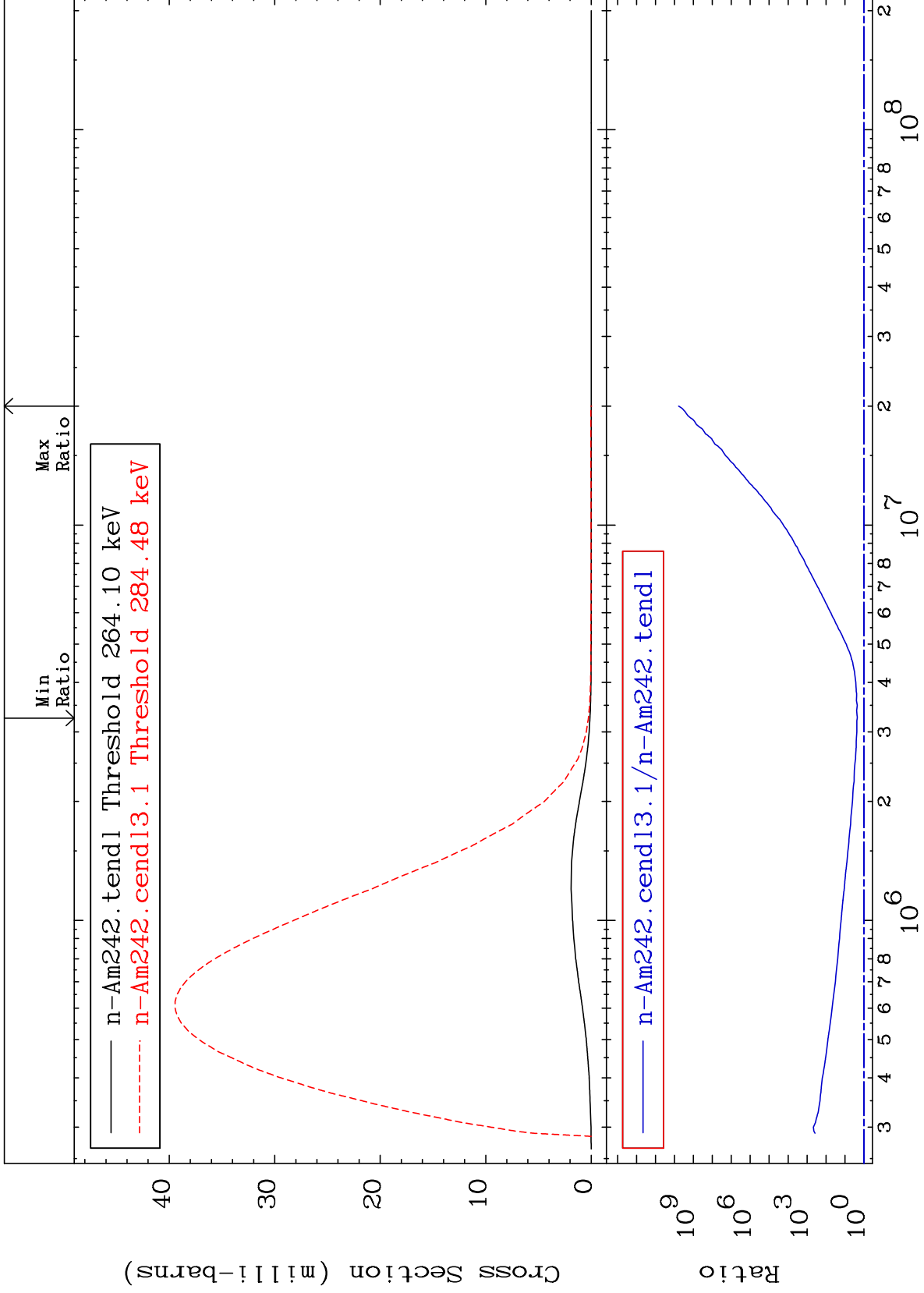
95-Am-242
-98.99 To 184.2 %



MAT 9546

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

95-Am-242
124.3 To 9999. %



20

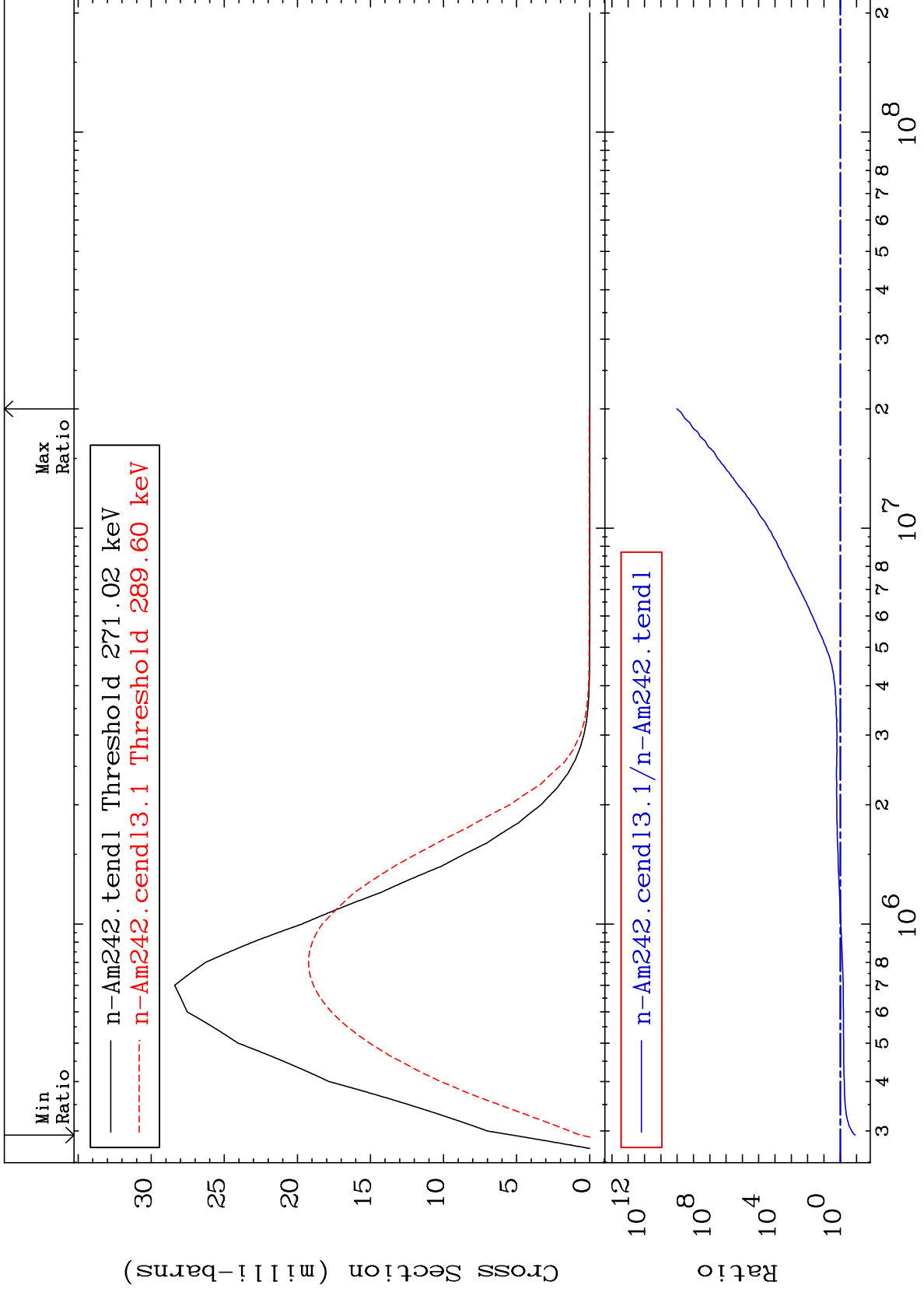
Incident Energy (eV)

95-Am-242

MAT 9546

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

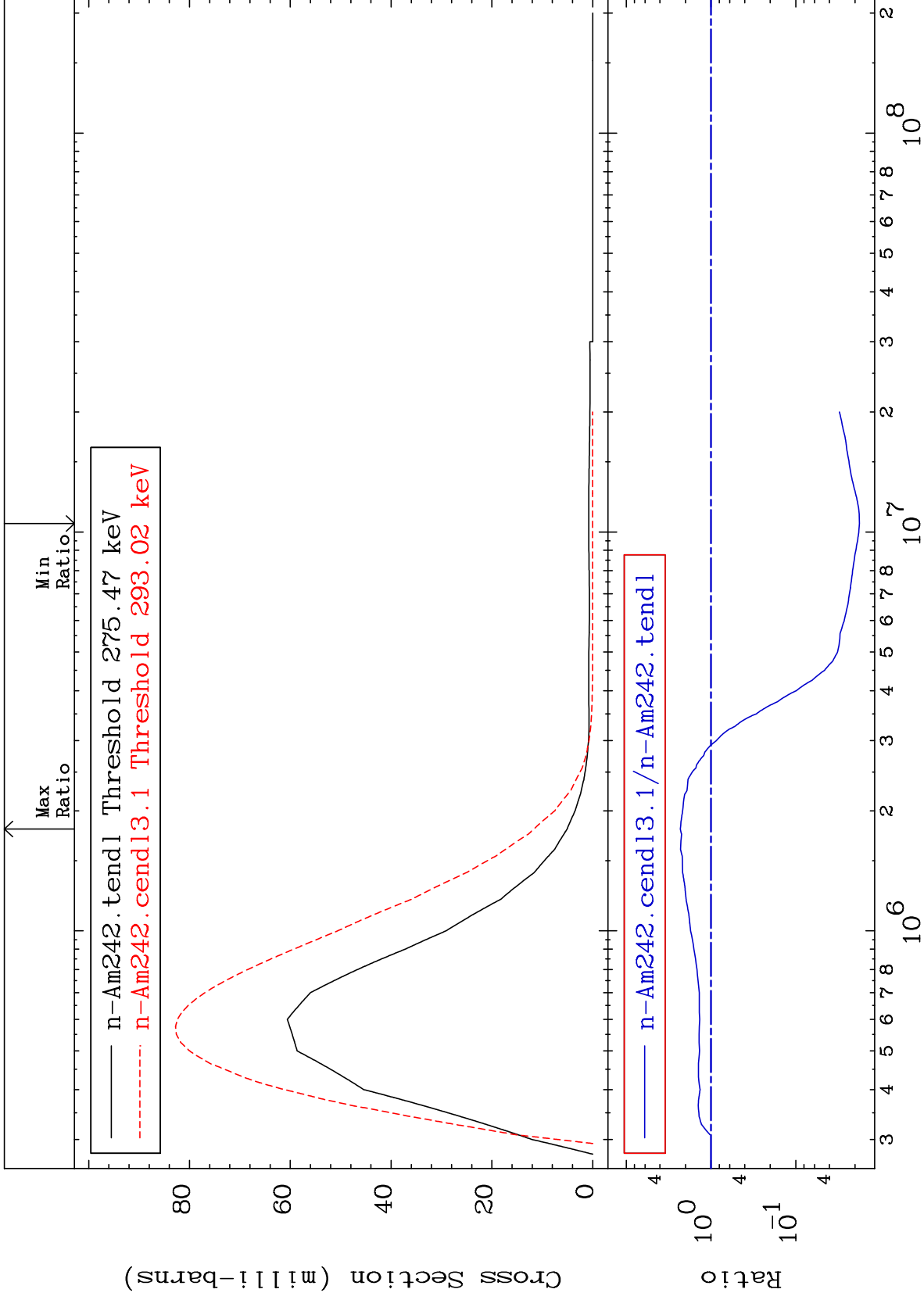
95-Am-242
-87.64 To 9999. %



MAT 9546

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

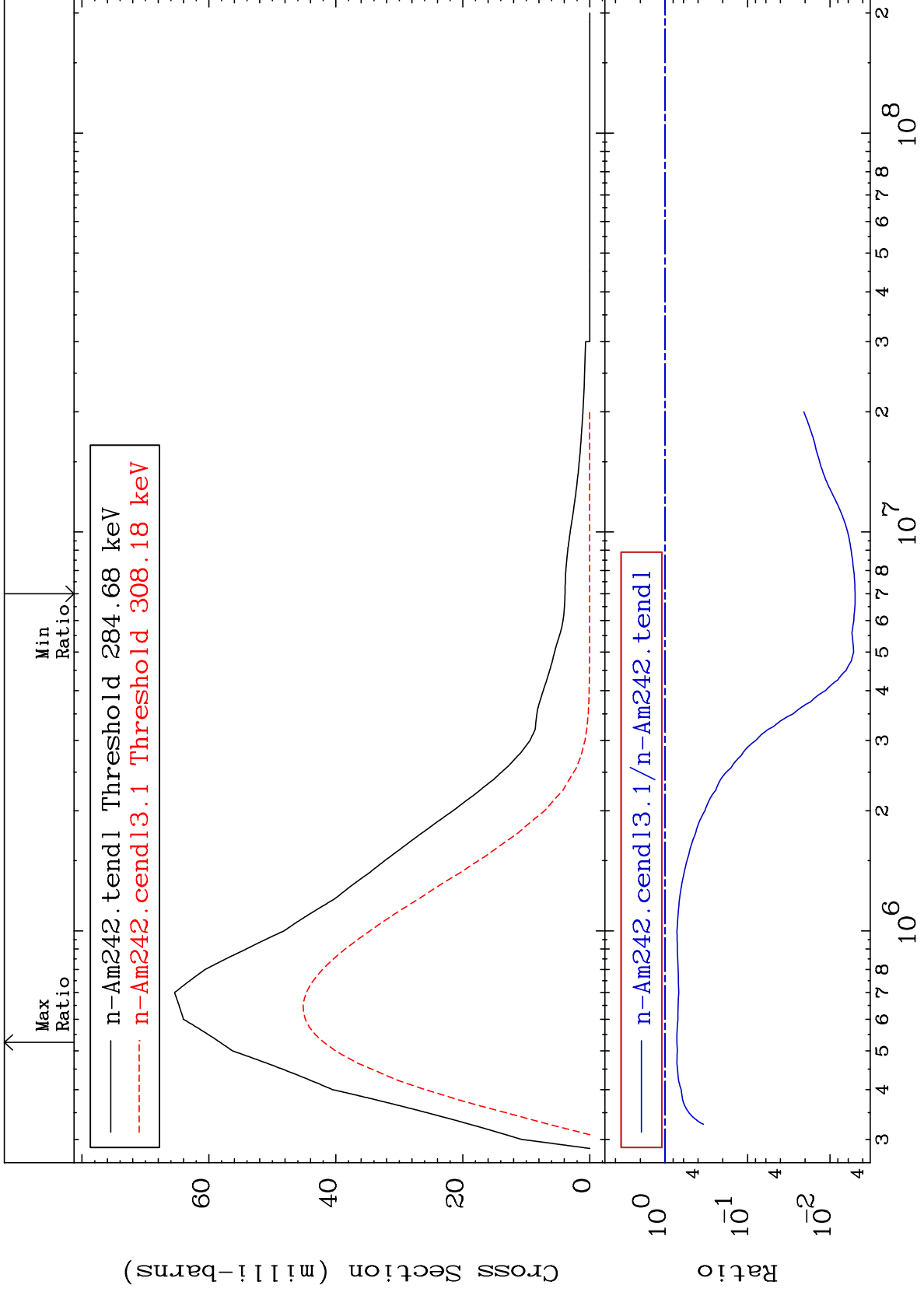
95-Am-242
-98.23 To 129.9 %



MAT 9546

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

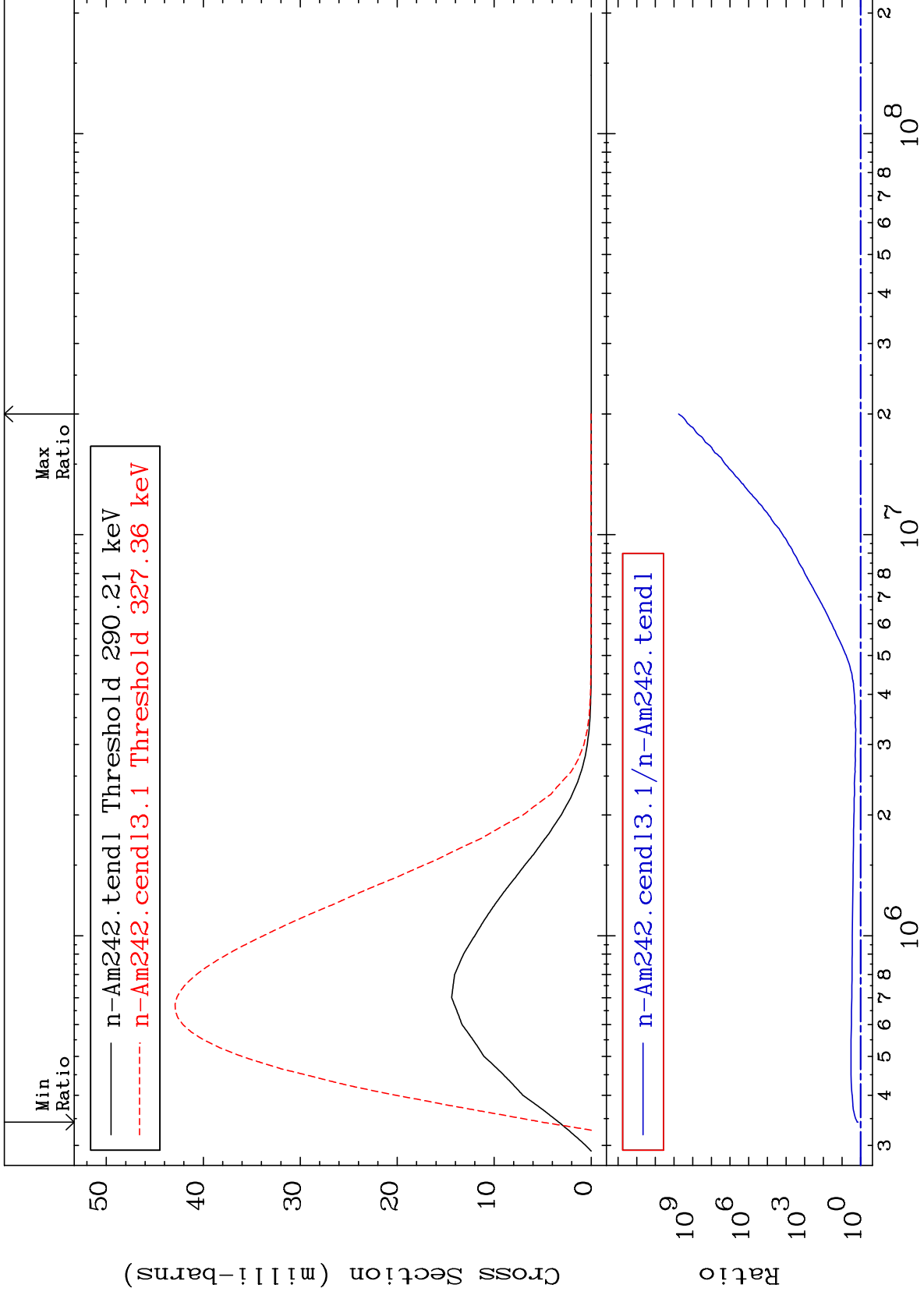
95-Am-242
-99.50 To -28.04%



MAT 9546

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

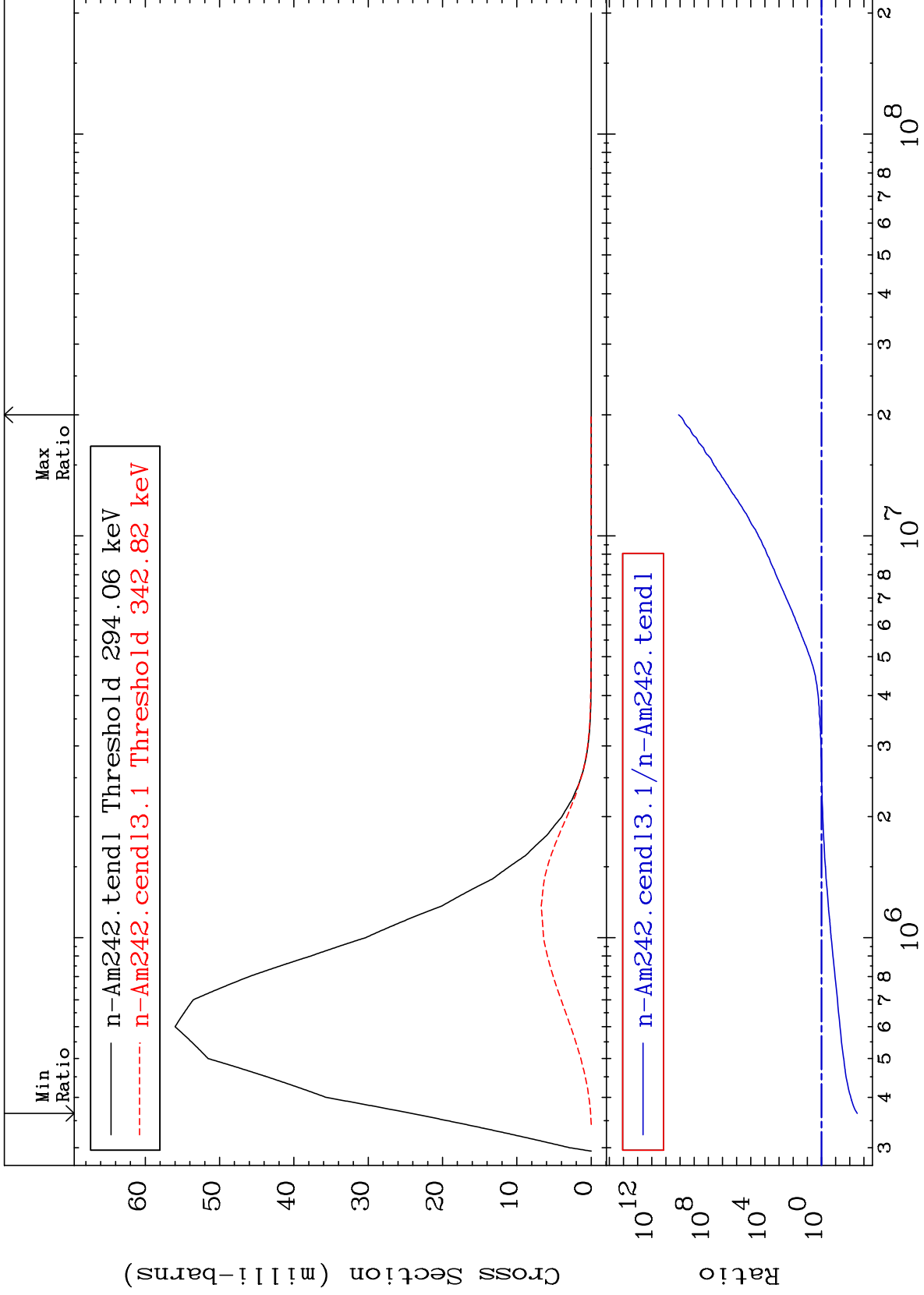
95-Am-242
52.33 To 9999. %



MAT 9546

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

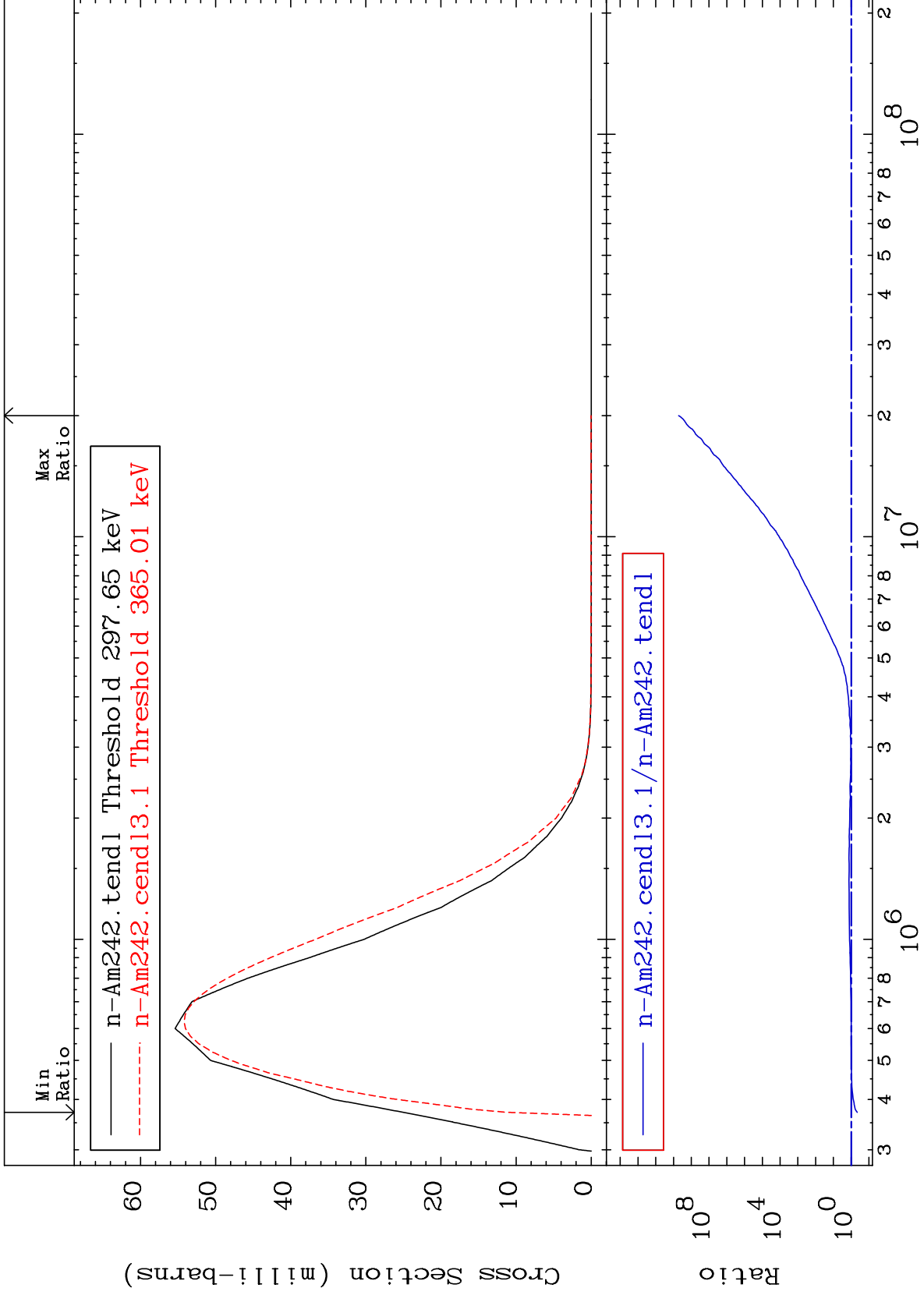
95-Am-242
-99.70 To 9999. %



MAT 9546

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

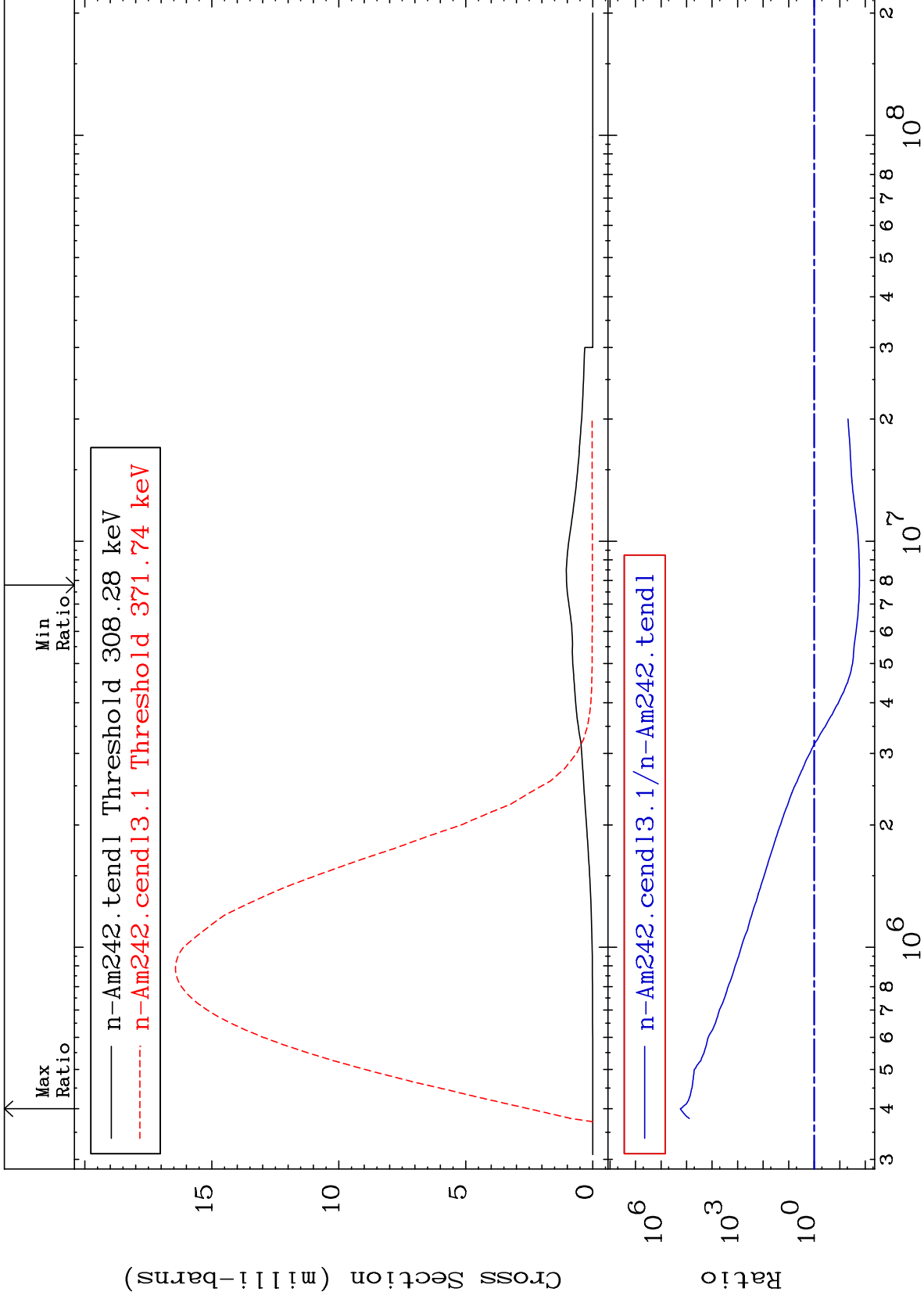
95-Am-242
-54.87 To 9999. %



MAT 9546

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

95-Am-242
-98.31 To 9999. %



27

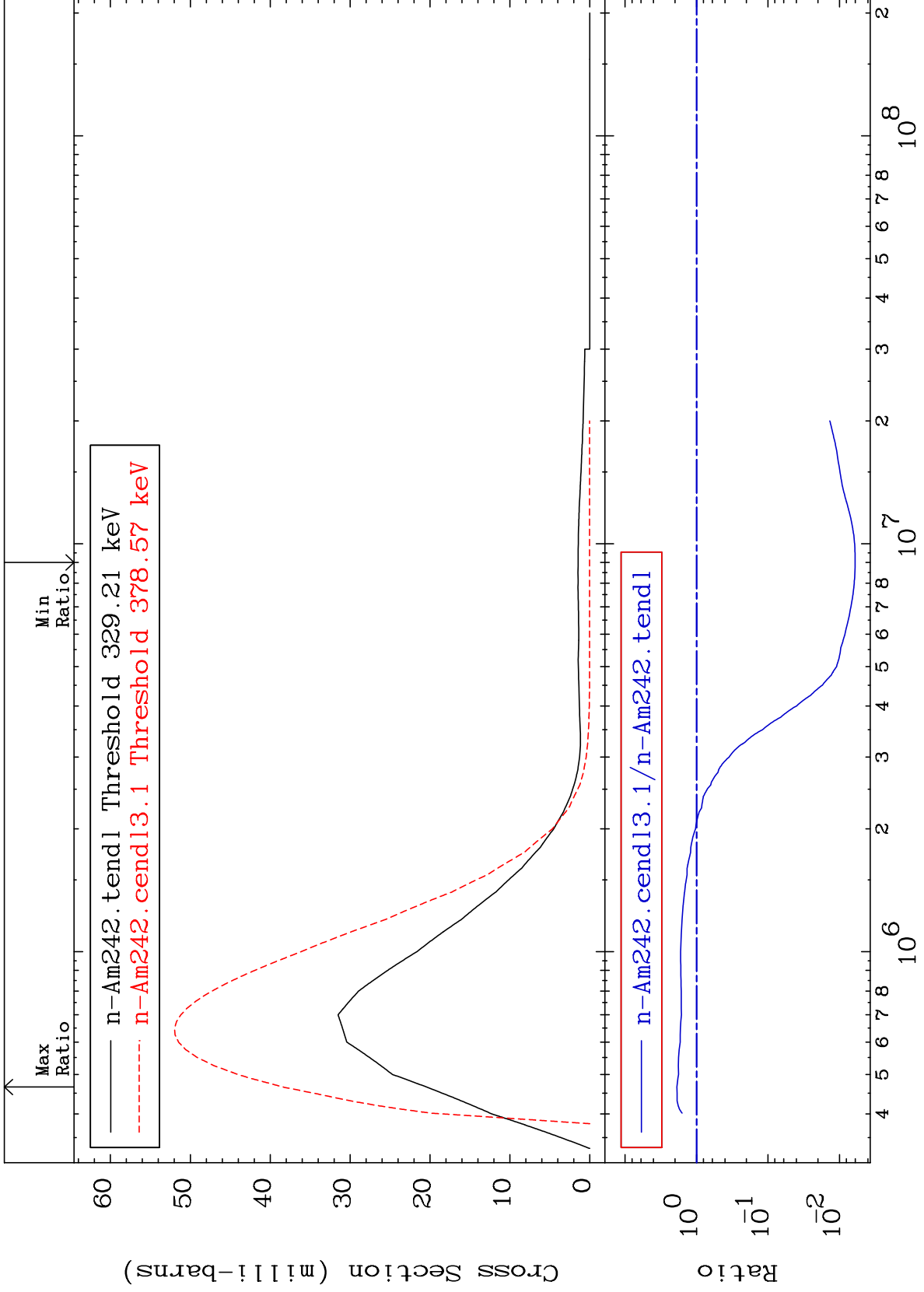
Incident Energy (eV)

95-Am-242

MAT 9546

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

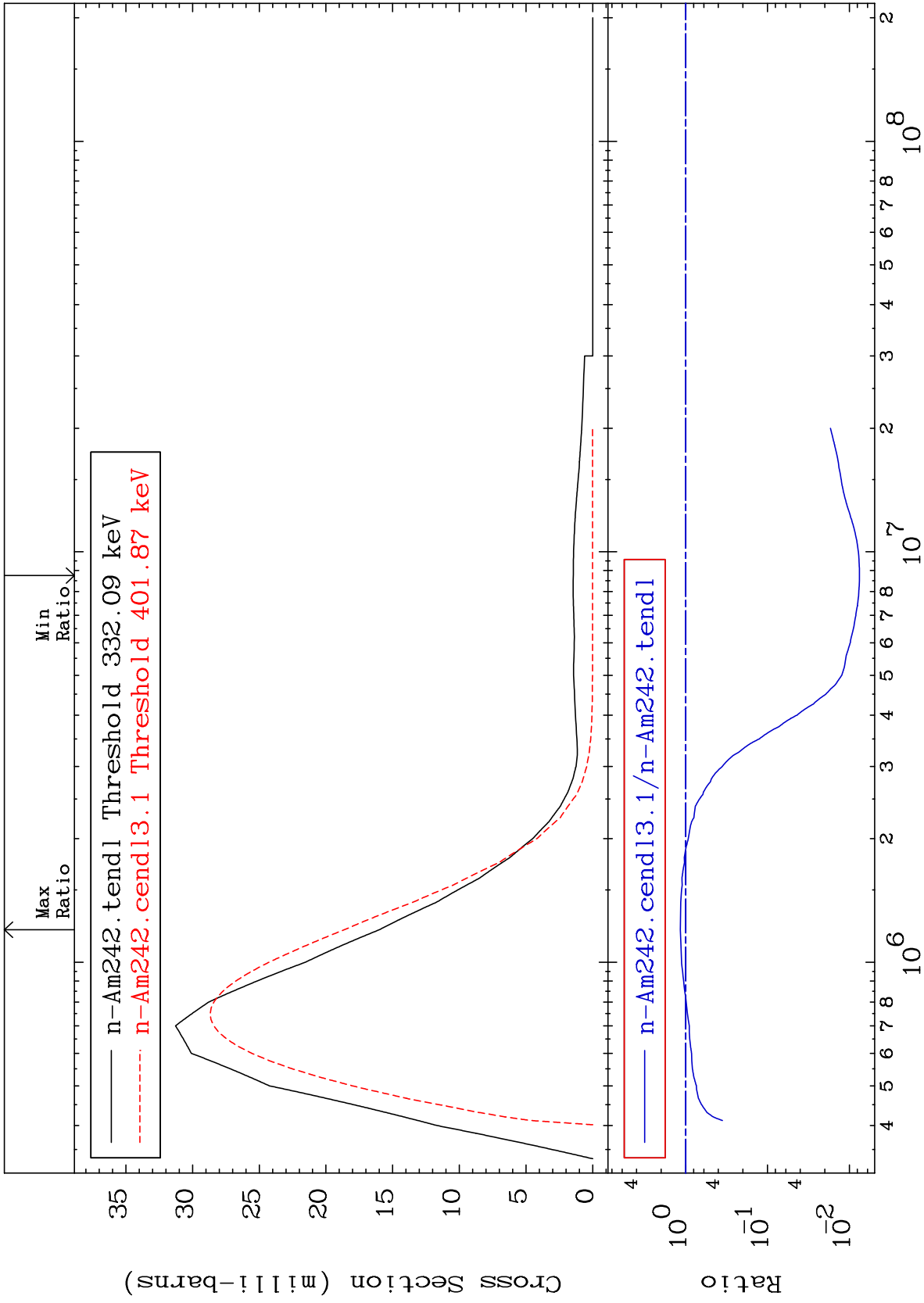
95-Am-242
-99.40 To 87.97 %



MAT 9546

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

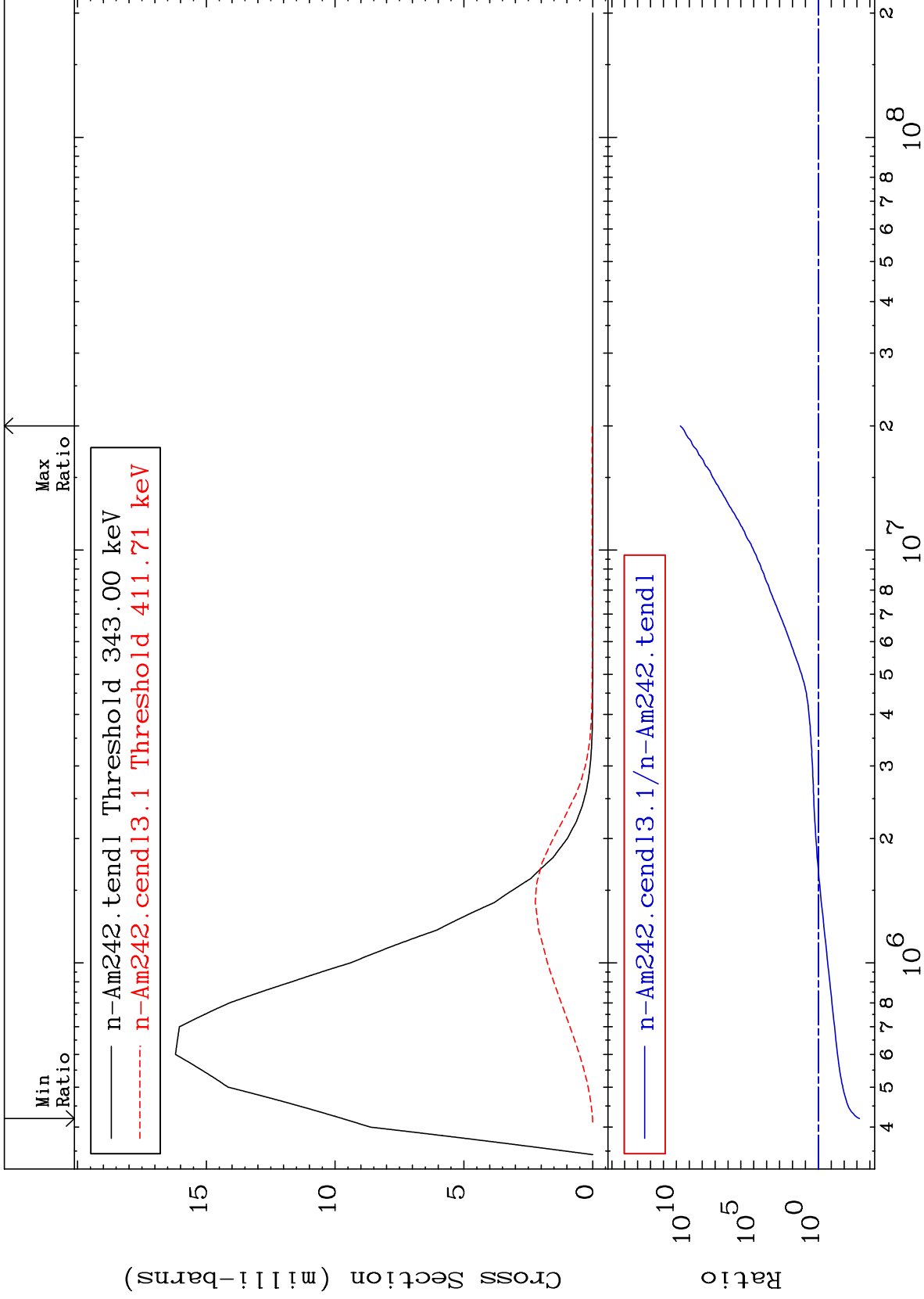
95-Am-242
-99.25 To 16.43 %



MAT 9546

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

95-Am-242
-99.94 To 9999. %



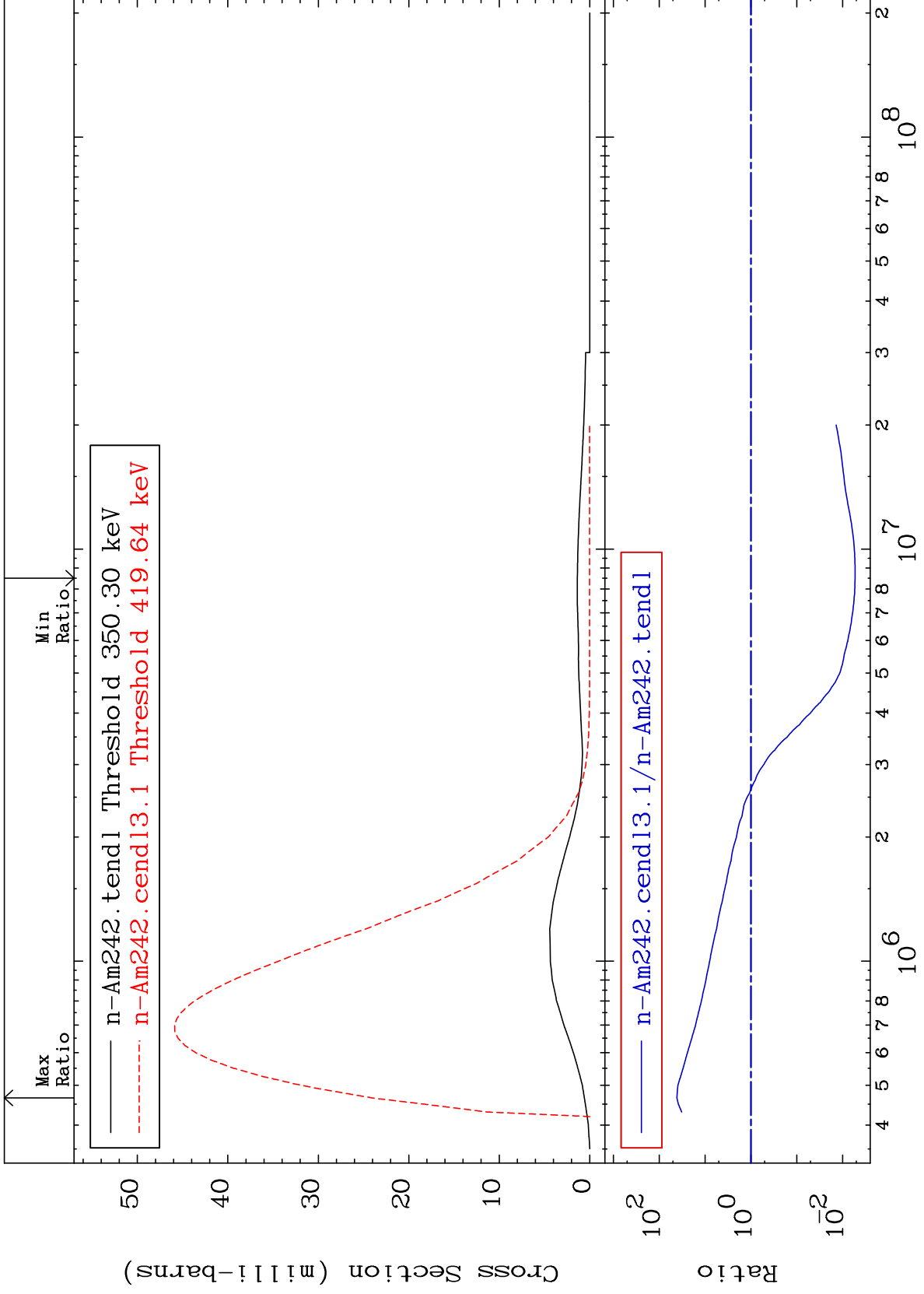
30

95-Am-242

MAT 9546

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

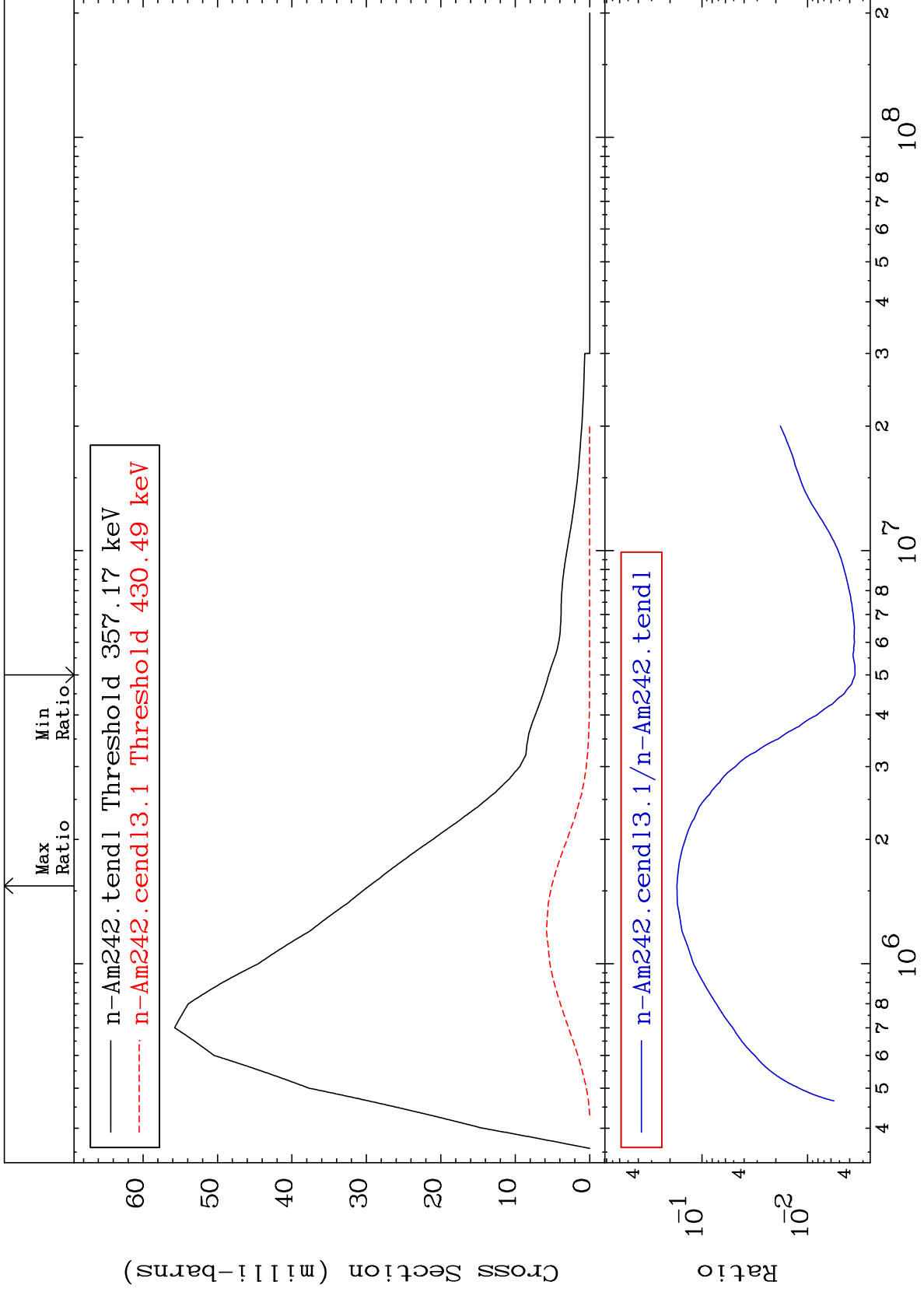
95-Am-242
-99.47 To 3997. %



MAT 9546

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

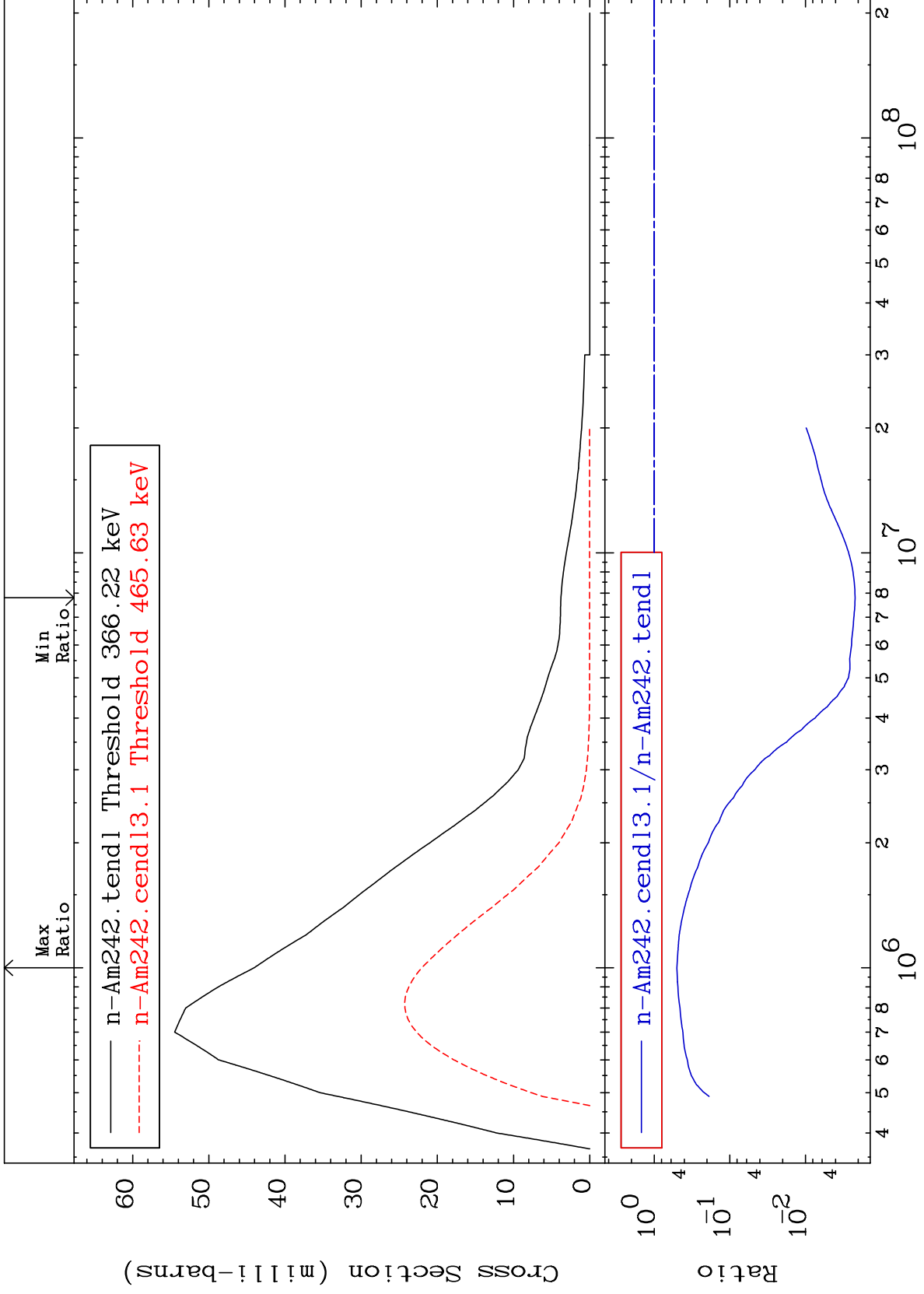
95-Am-242
-99.64 To -82.76%



MAT 9546

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

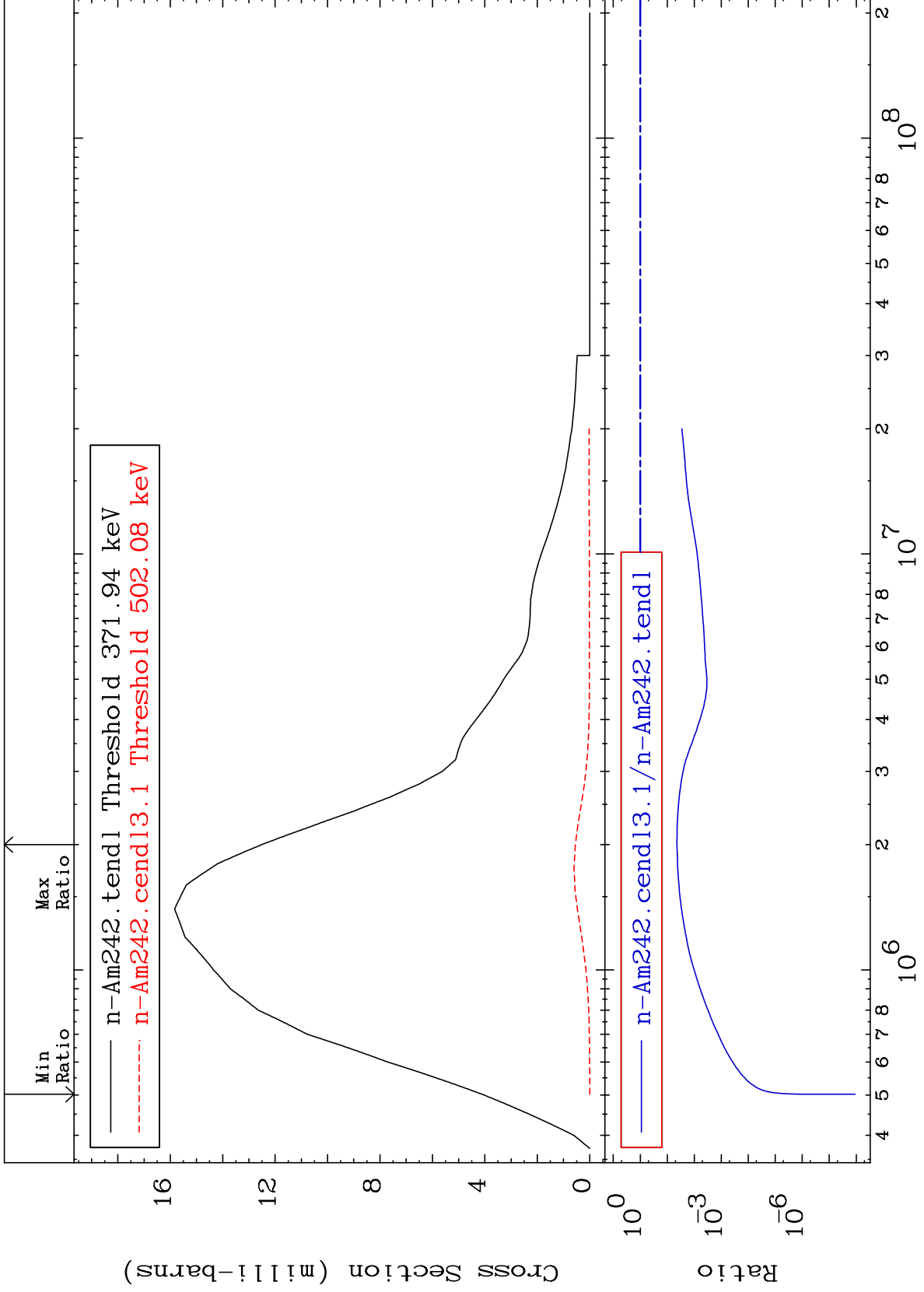
95-Am-242
-99.78 To -49.93%



MAT 9546

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

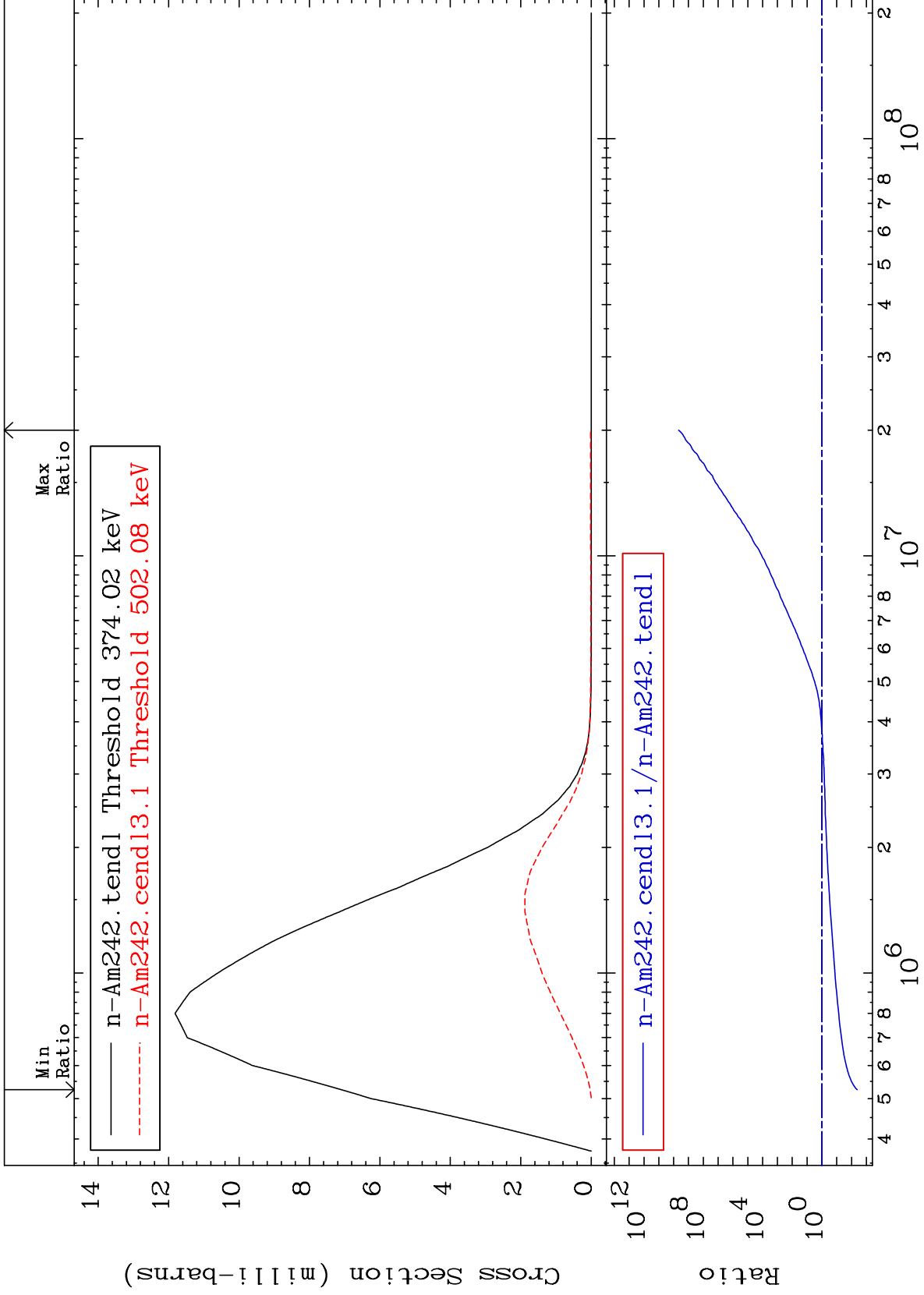
95-Am-242
-100.0 To -95.61%



MAT 9546

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

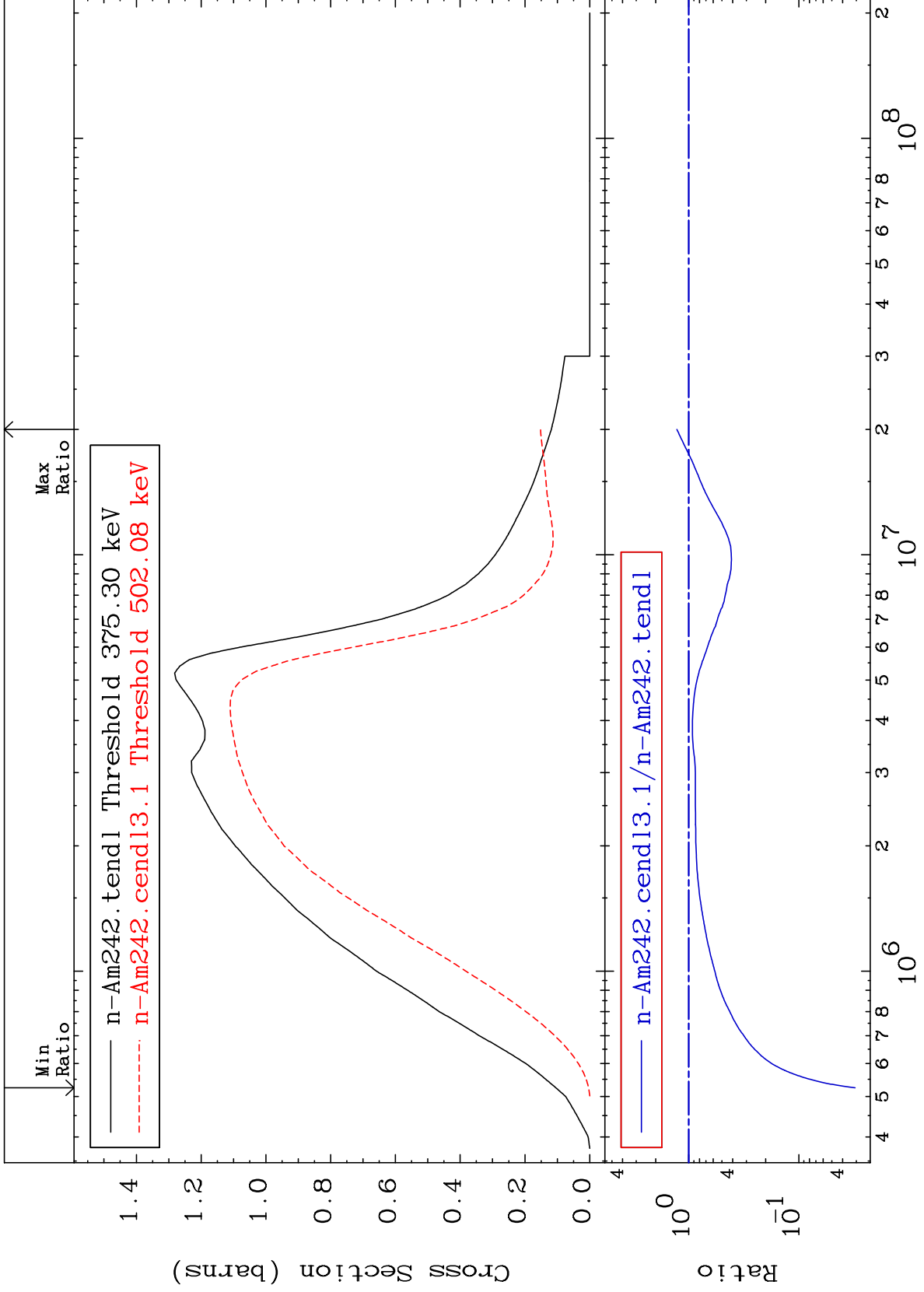
95-Am-242
-99.59 To 9999. %



MAT 9546

(n, n') Continuum
Cross Section

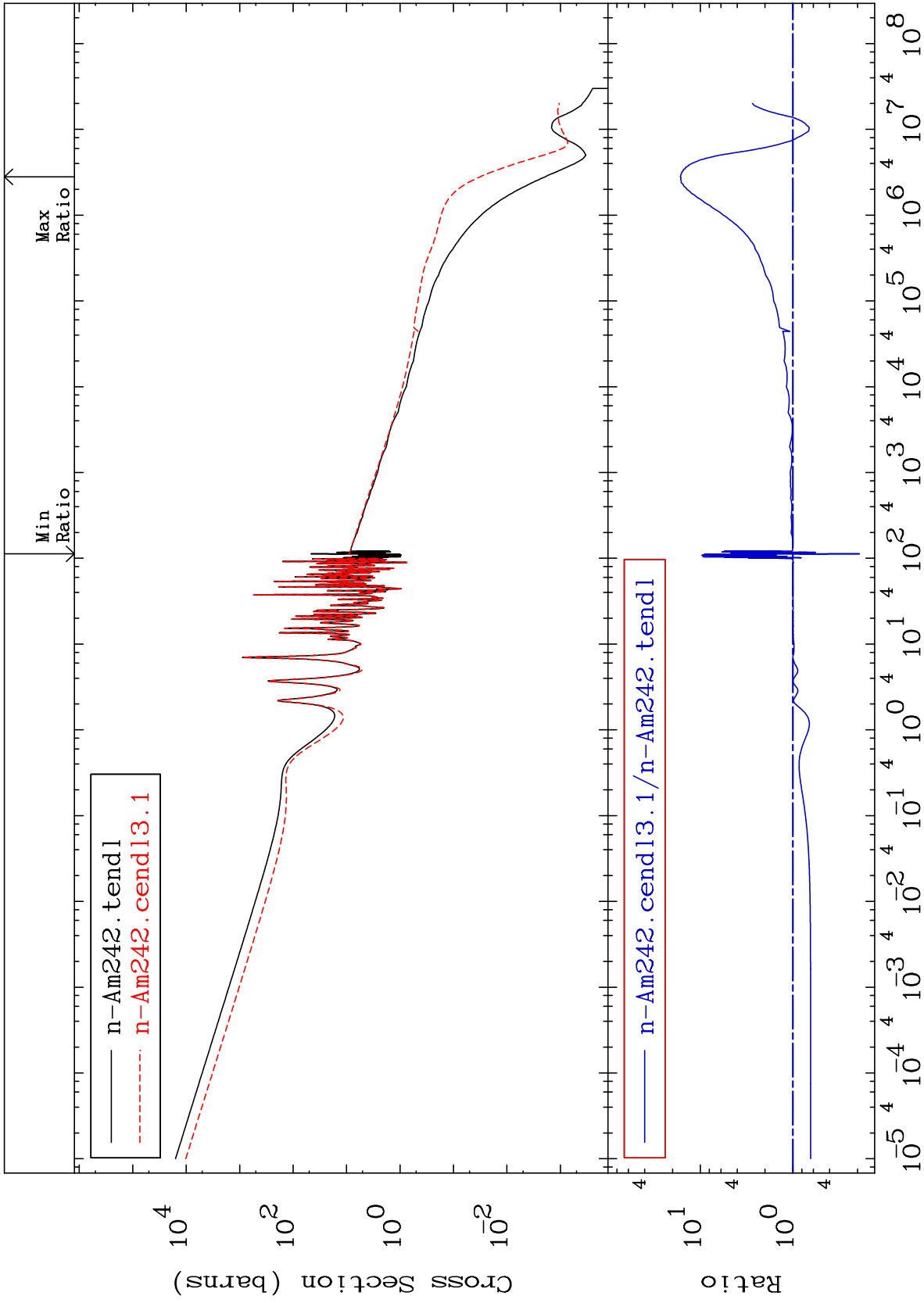
95-Am-242
-96.92 To 28.22 %



MAT 9546

(n, γ)
Cross Section

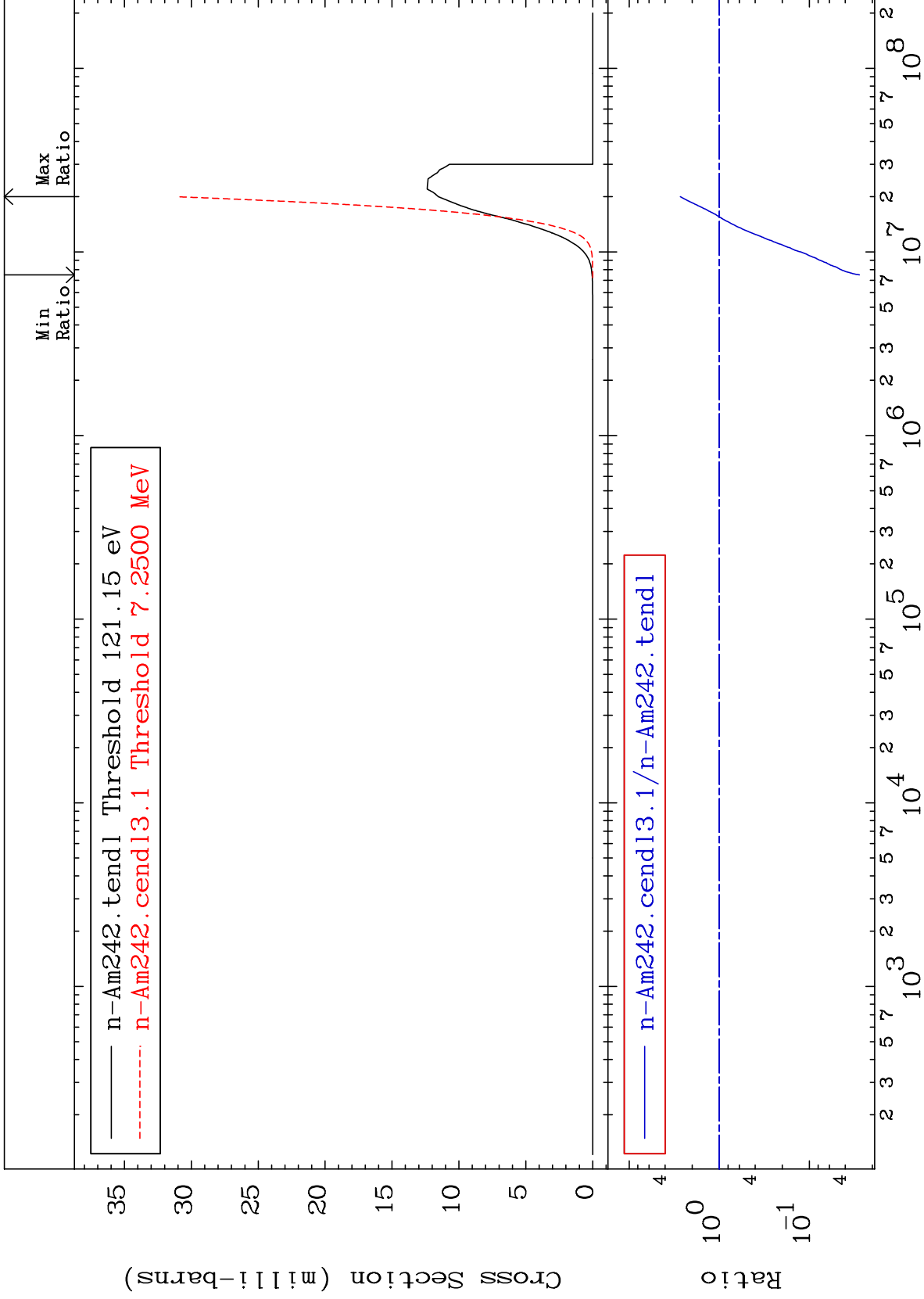
95-Am-242
-80.95 To 1546. %



MAT 9546

(n, p)
Cross Section

95-Am-242
-97.21 To 170.2 %



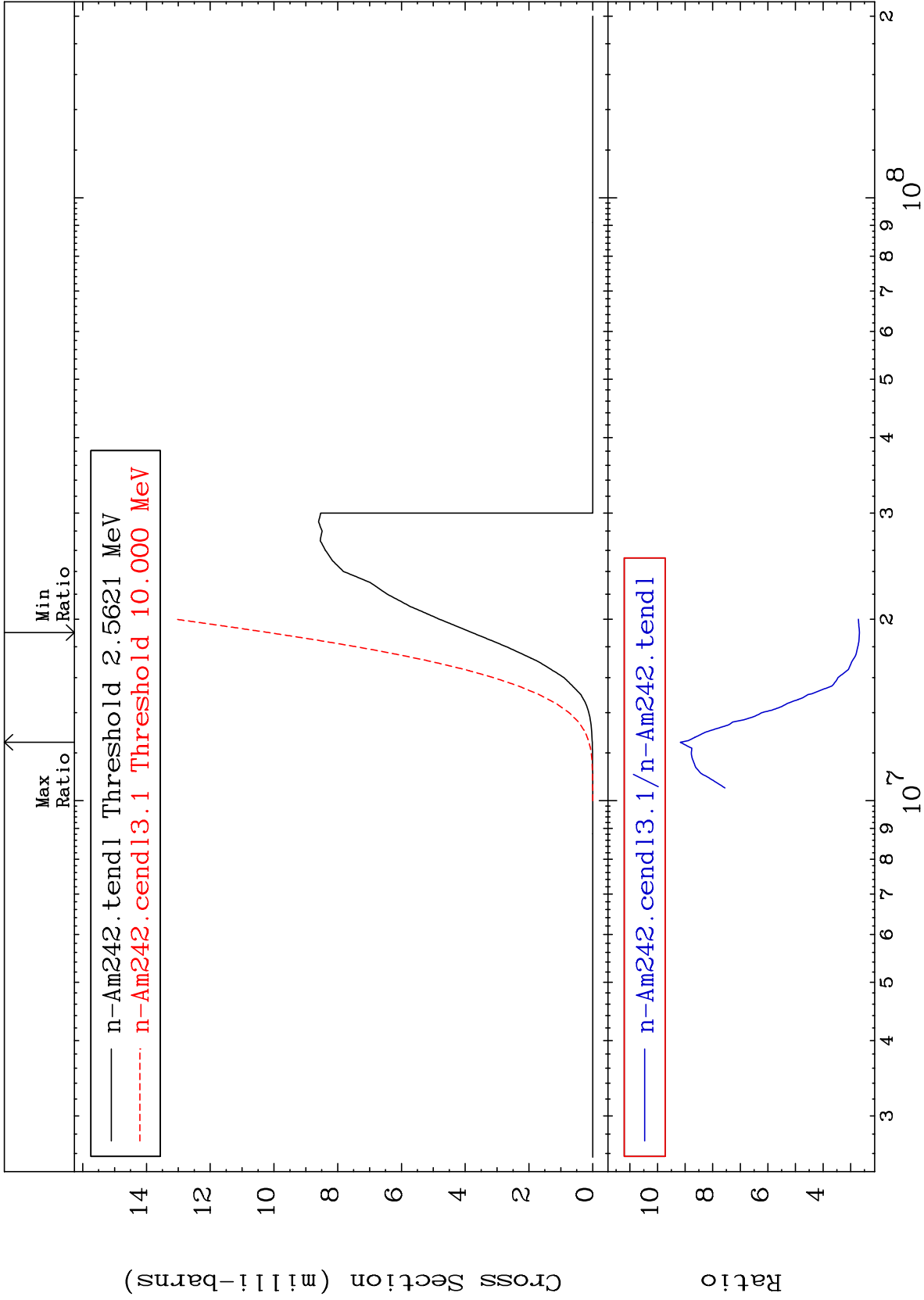
MAT 9546

(n, d)

95-Am-242

Cross Section

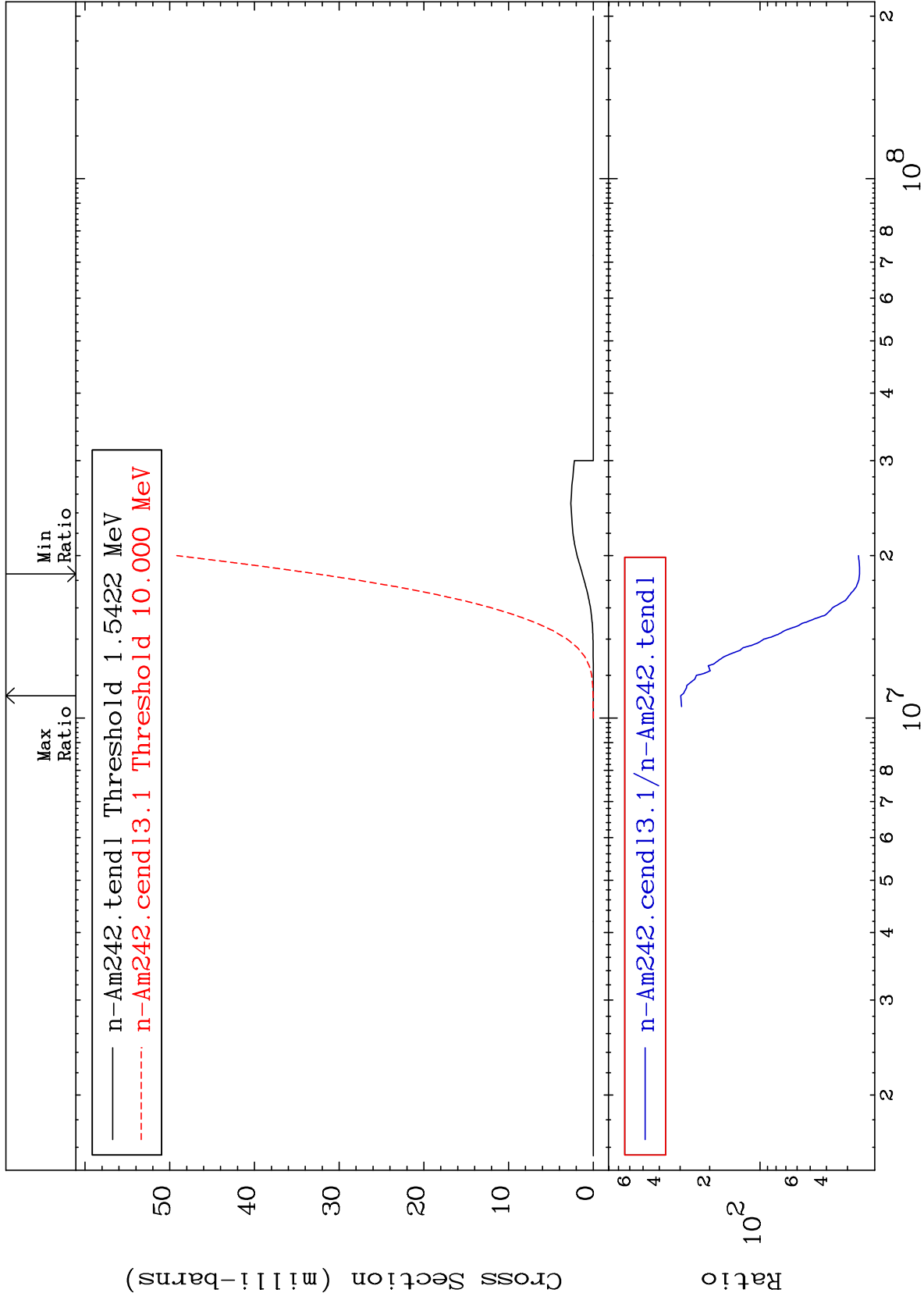
168.2 To 817.2 %



MAT 9546

(n, t)
Cross Section

95-Am-242
2438. To 9999. %



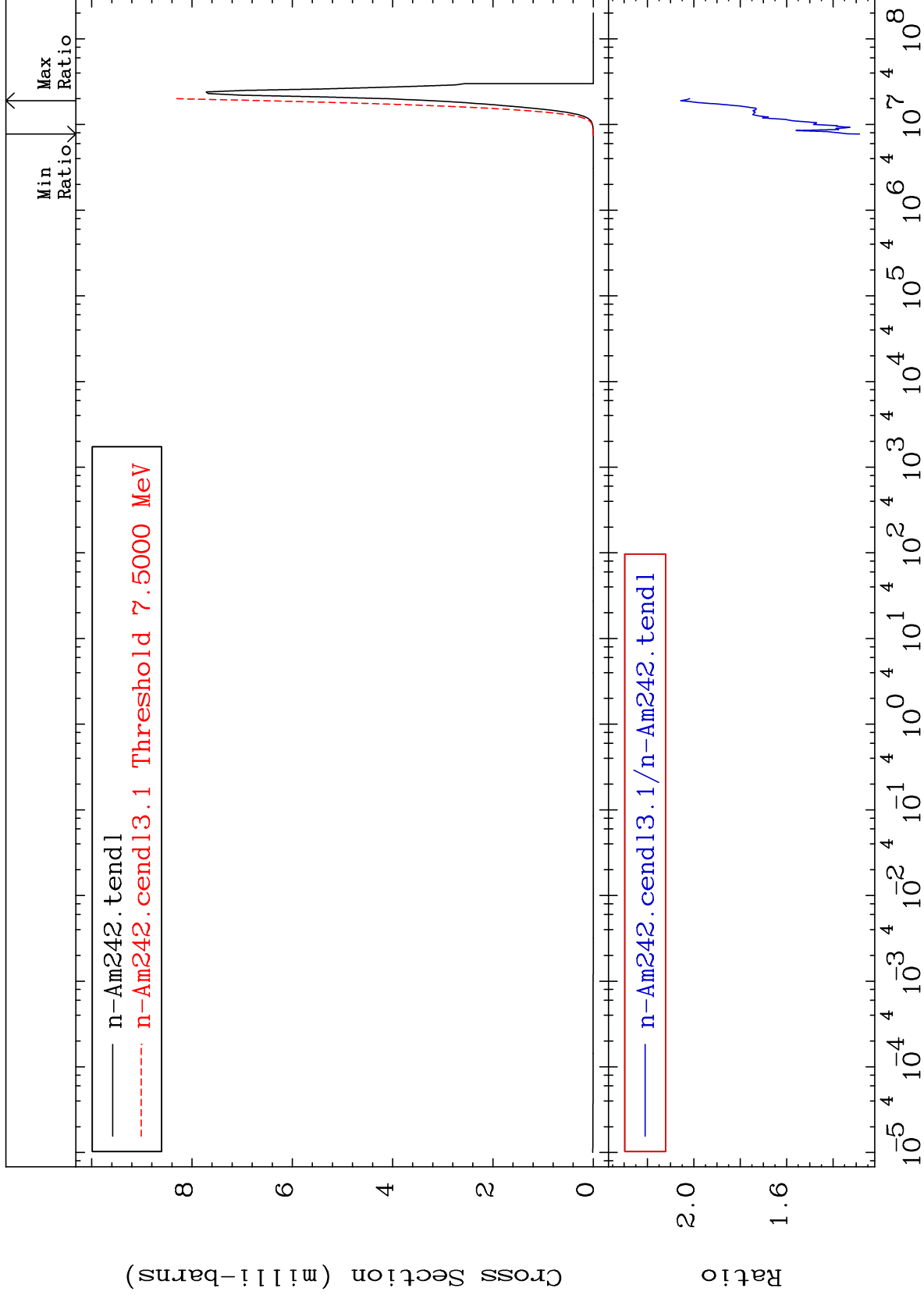
MAT 9546

(n, α)

Cross Section

95-Am-242

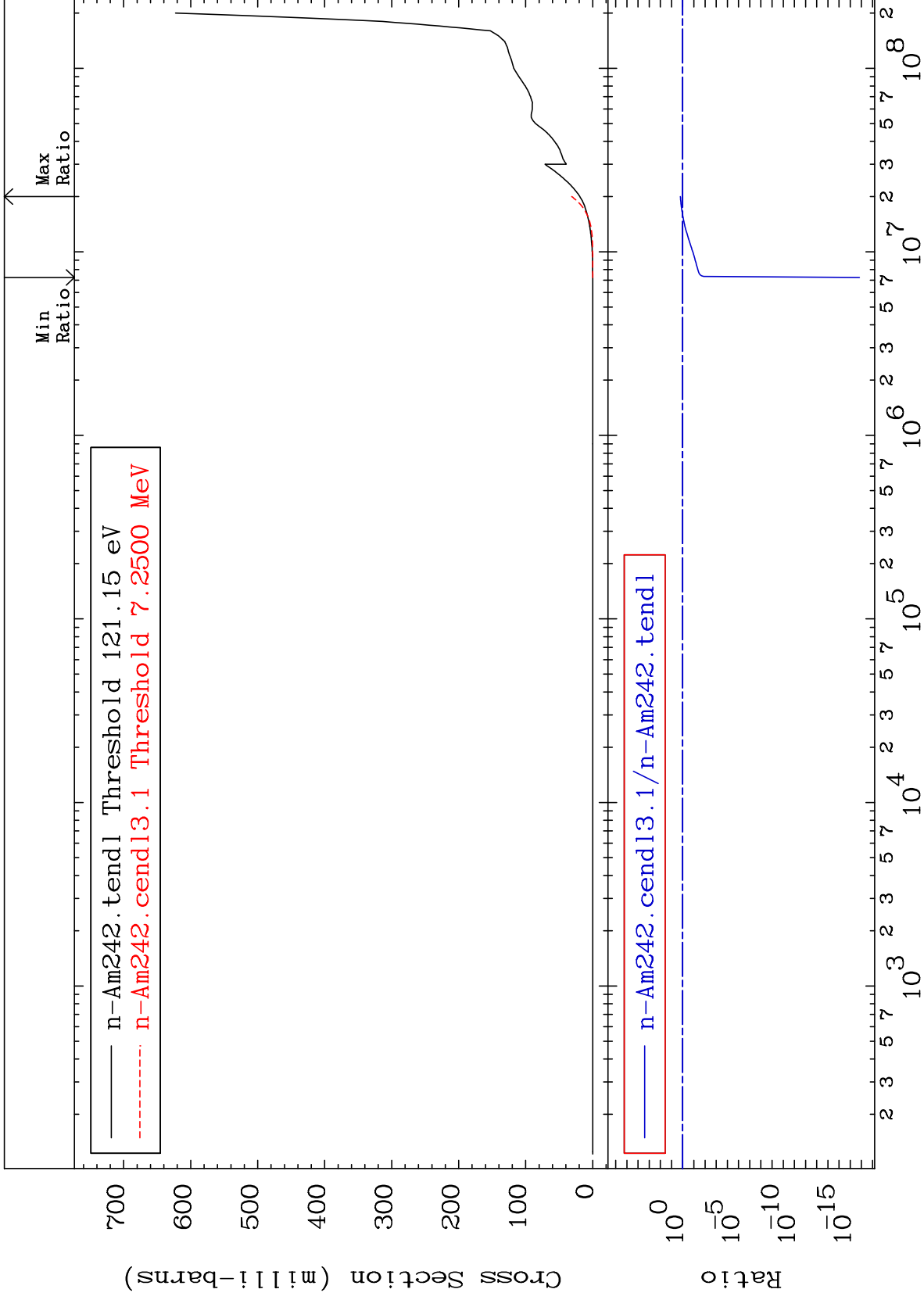
28.57 To 105.6 %



41

Incident Energy (eV)

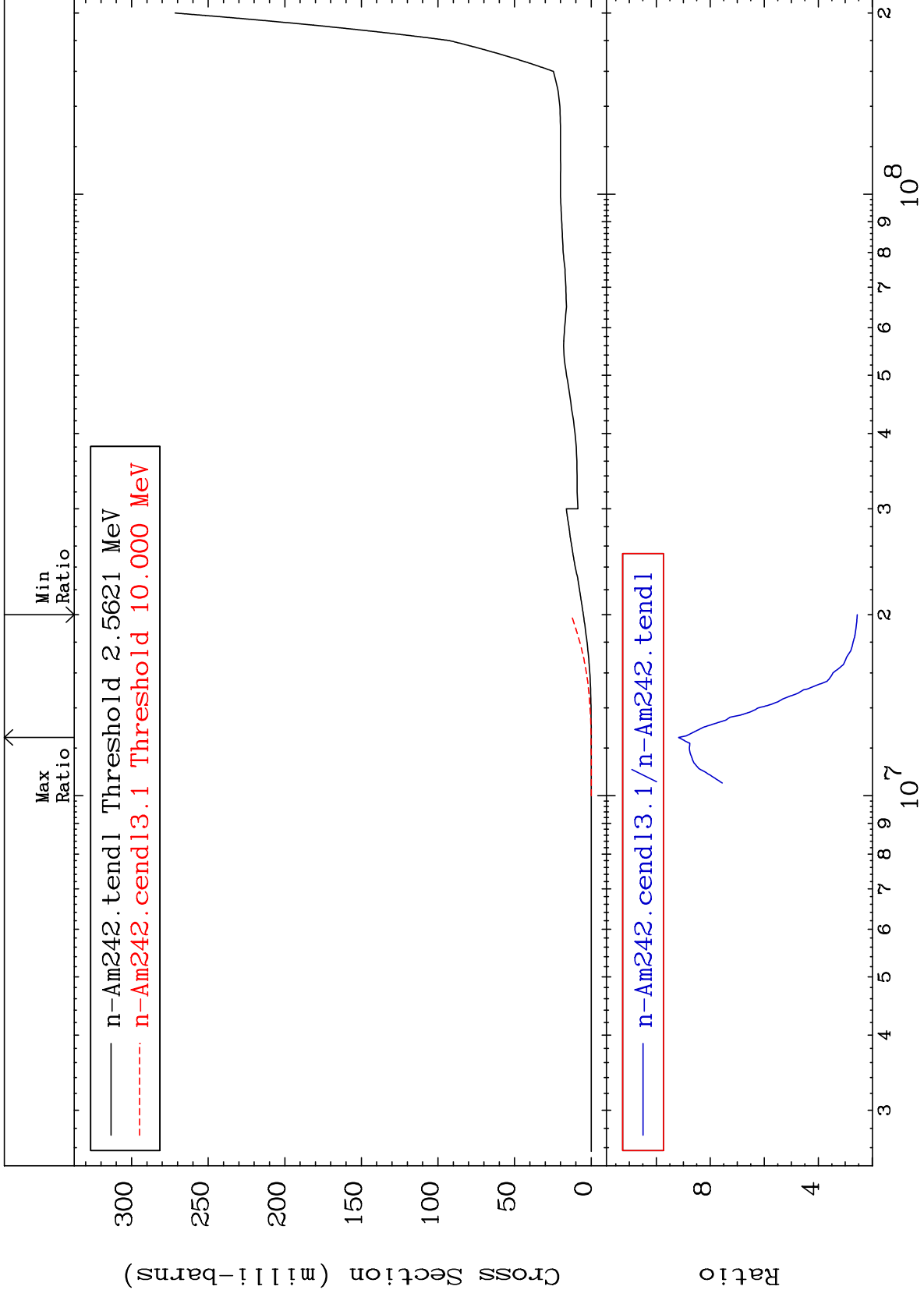
95-Am-242

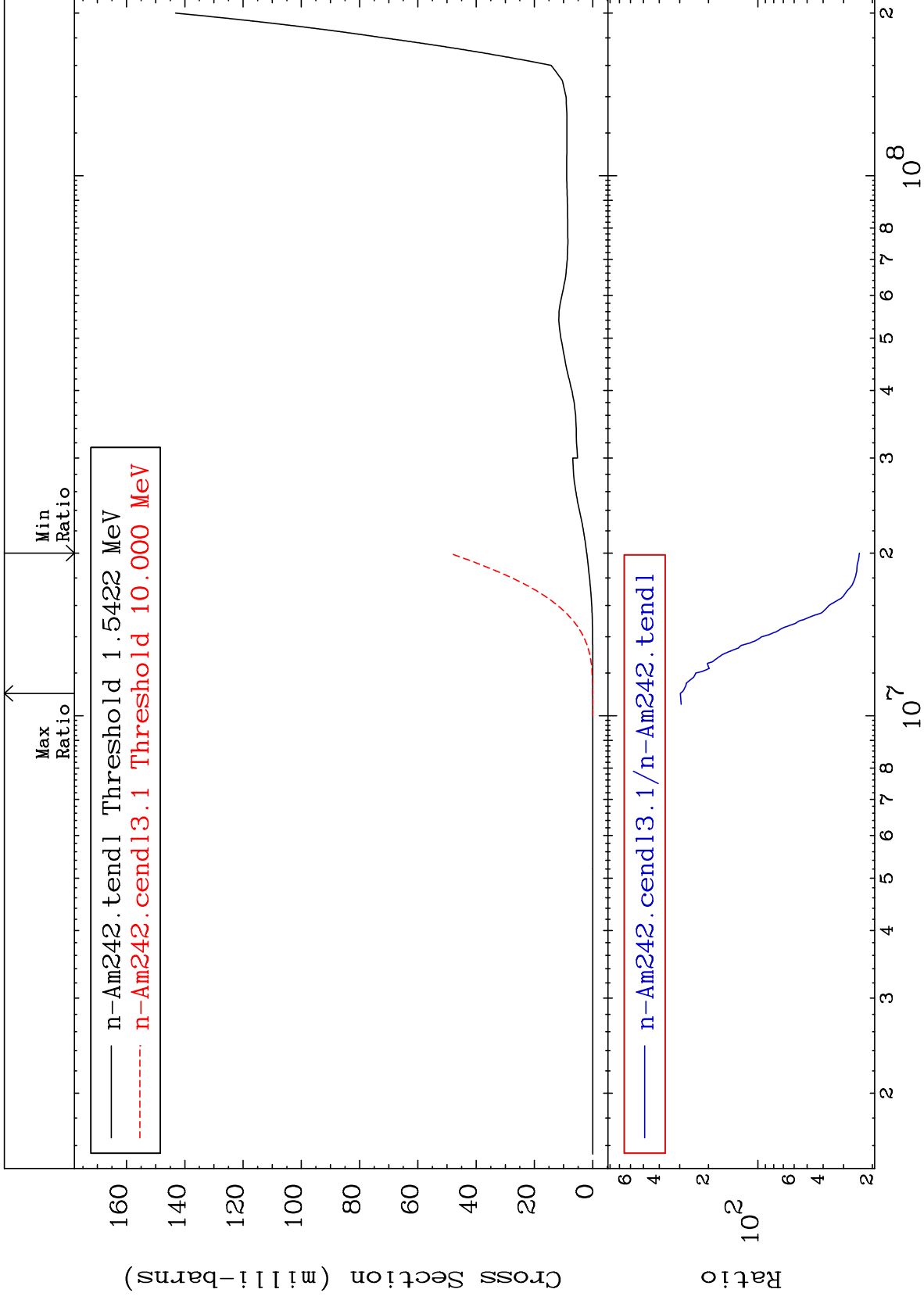


MAT 9546

Deuterium Production
Cross Section

95-Am-242
155.6 To 817.2 %

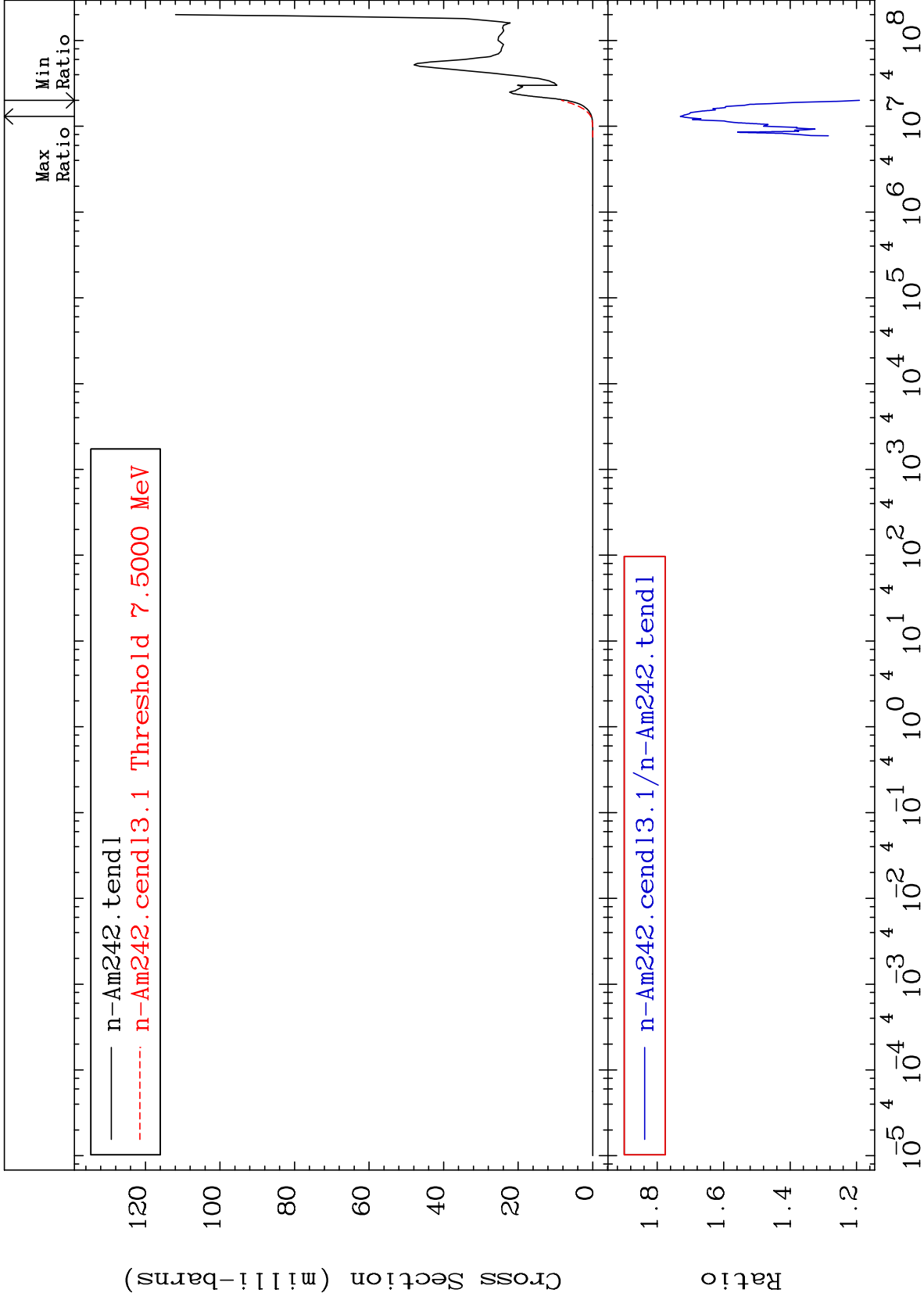




MAT 9546

He-4 Production
Cross Section

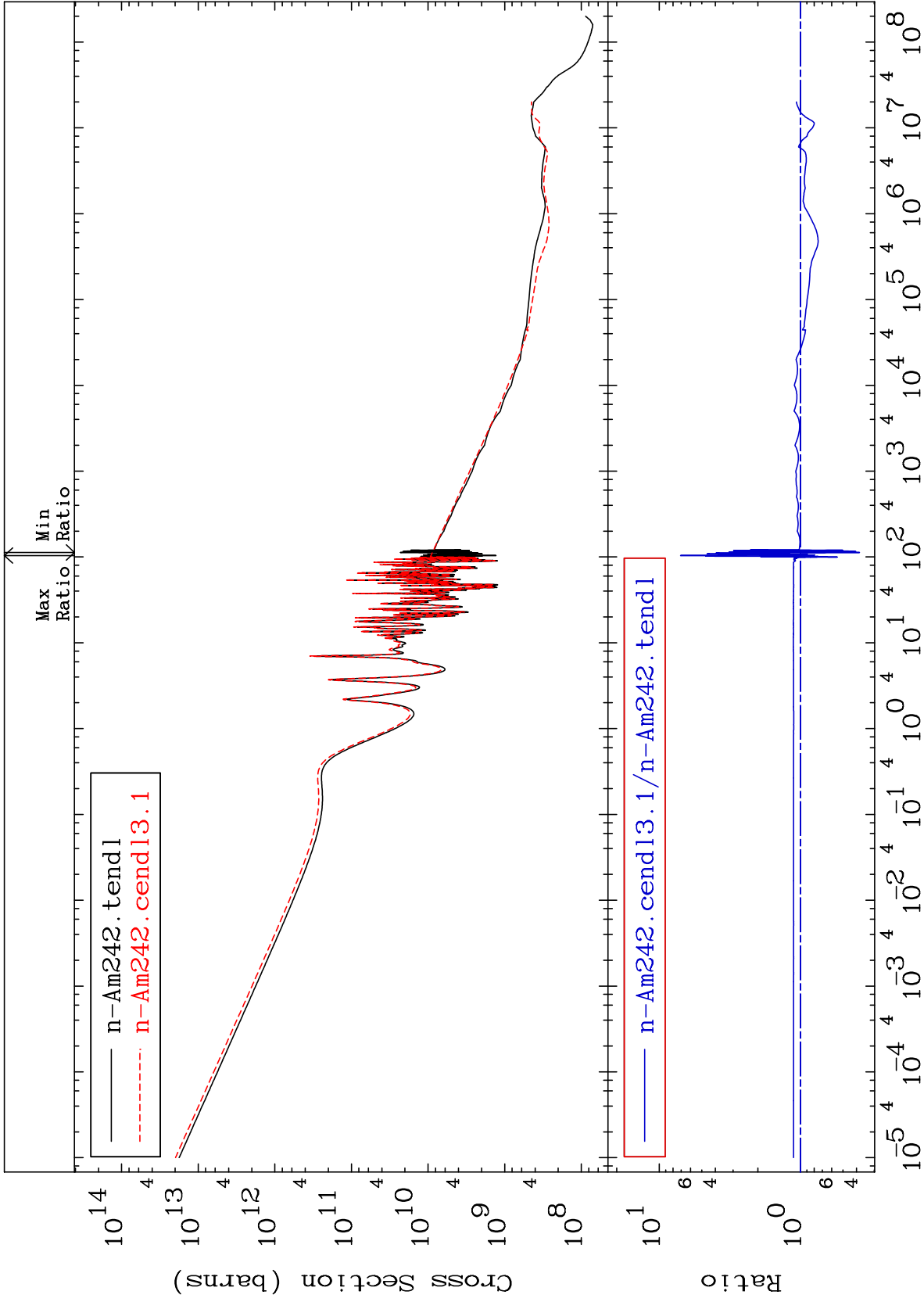
95-Am-242
19.12 To 73.05 %



45

Incident Energy (eV)

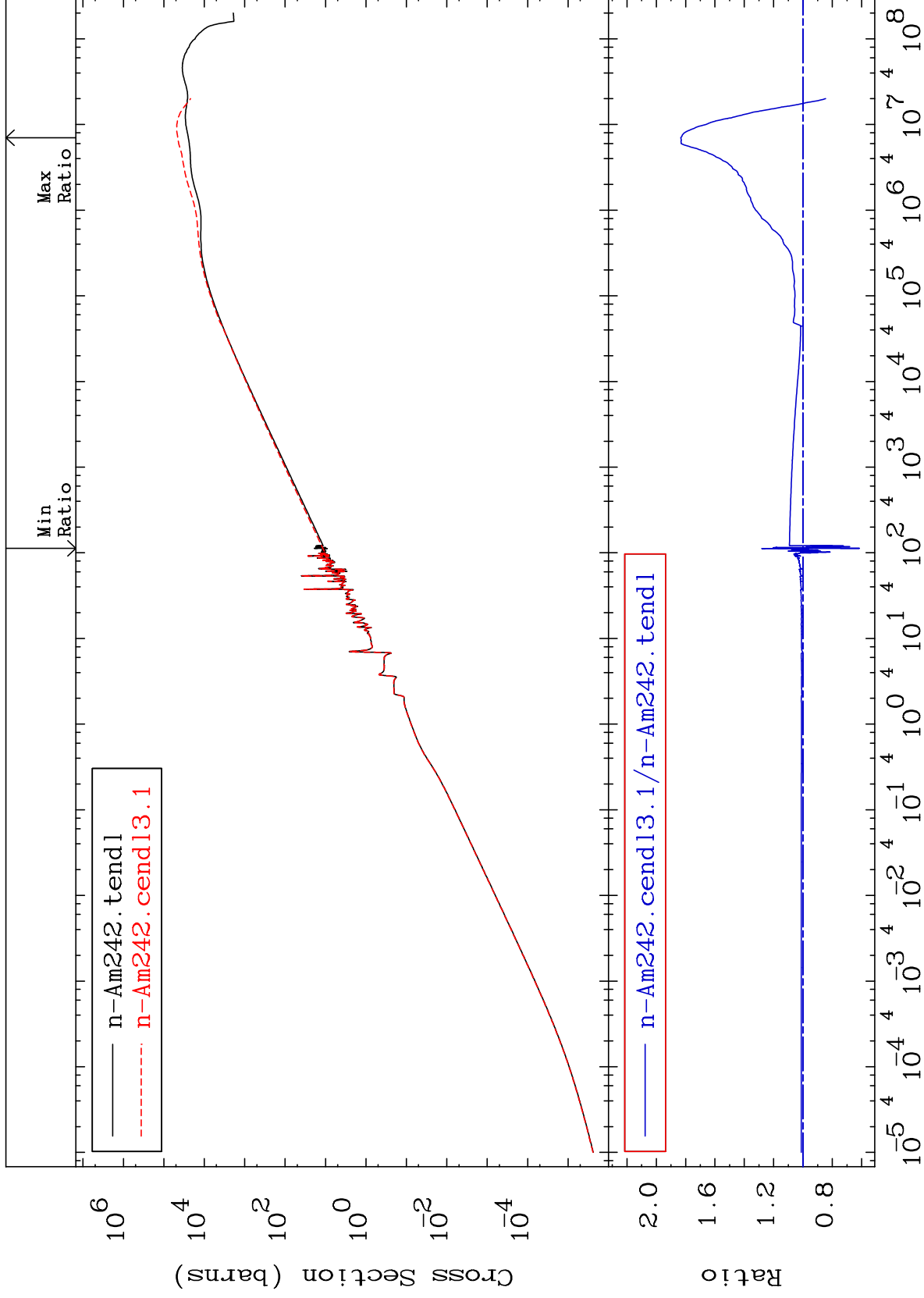
95-Am-242

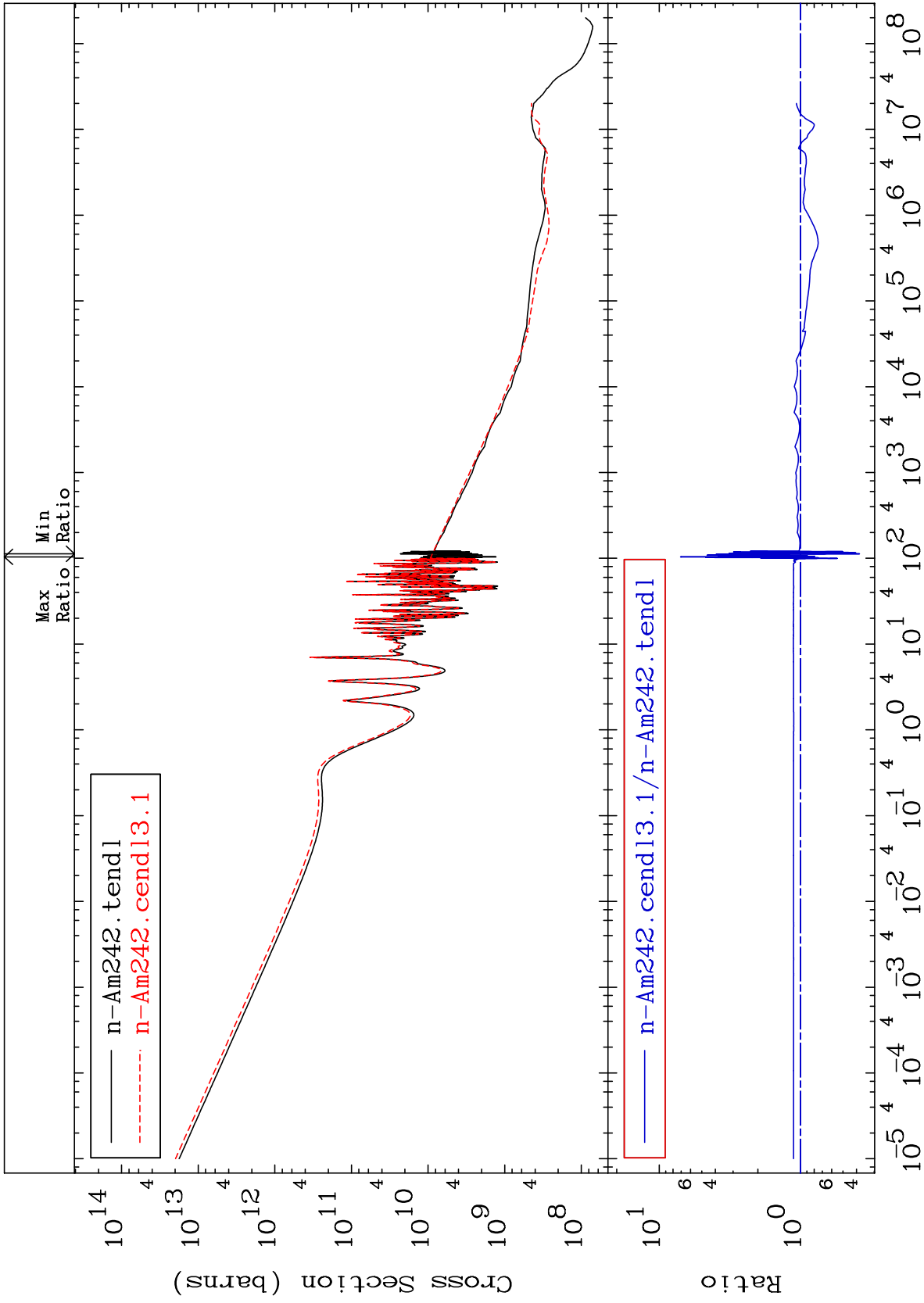


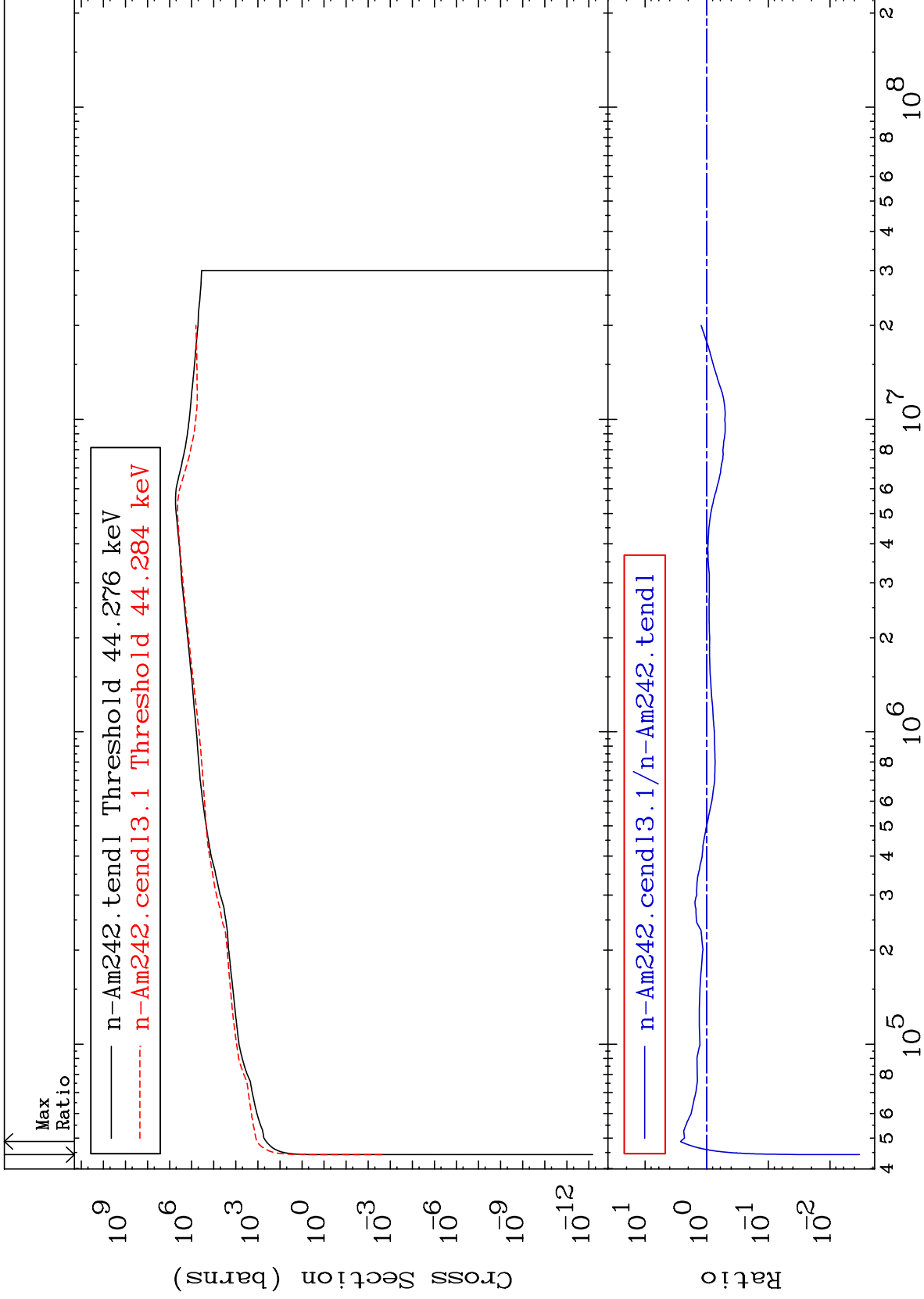
MAT 9546

Kerma elastic
Cross Section

95-Am-242
-38.56 To 83.31 %



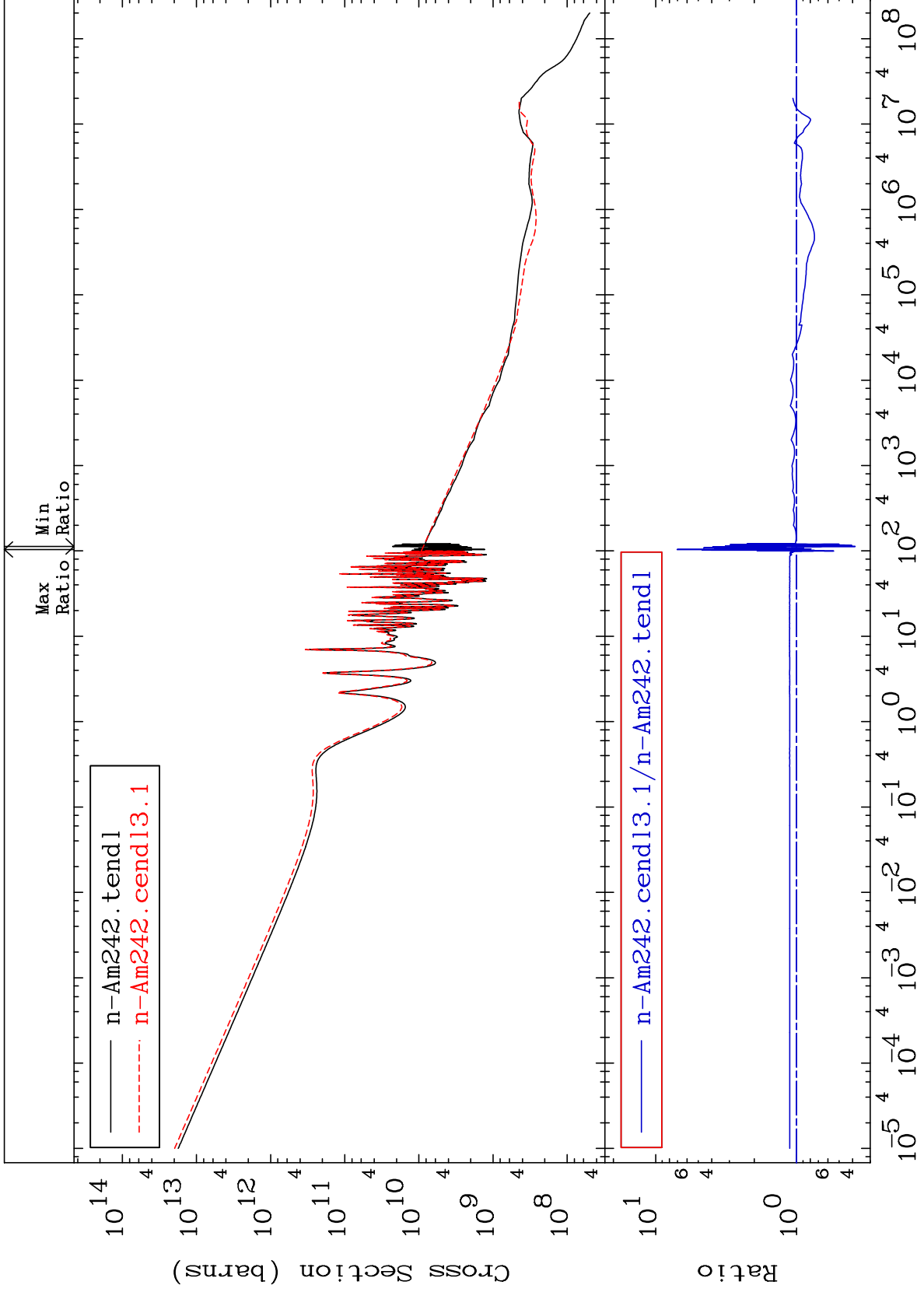




MAT 9546

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

95-Am-242
-61.56 To 607.8 %



50

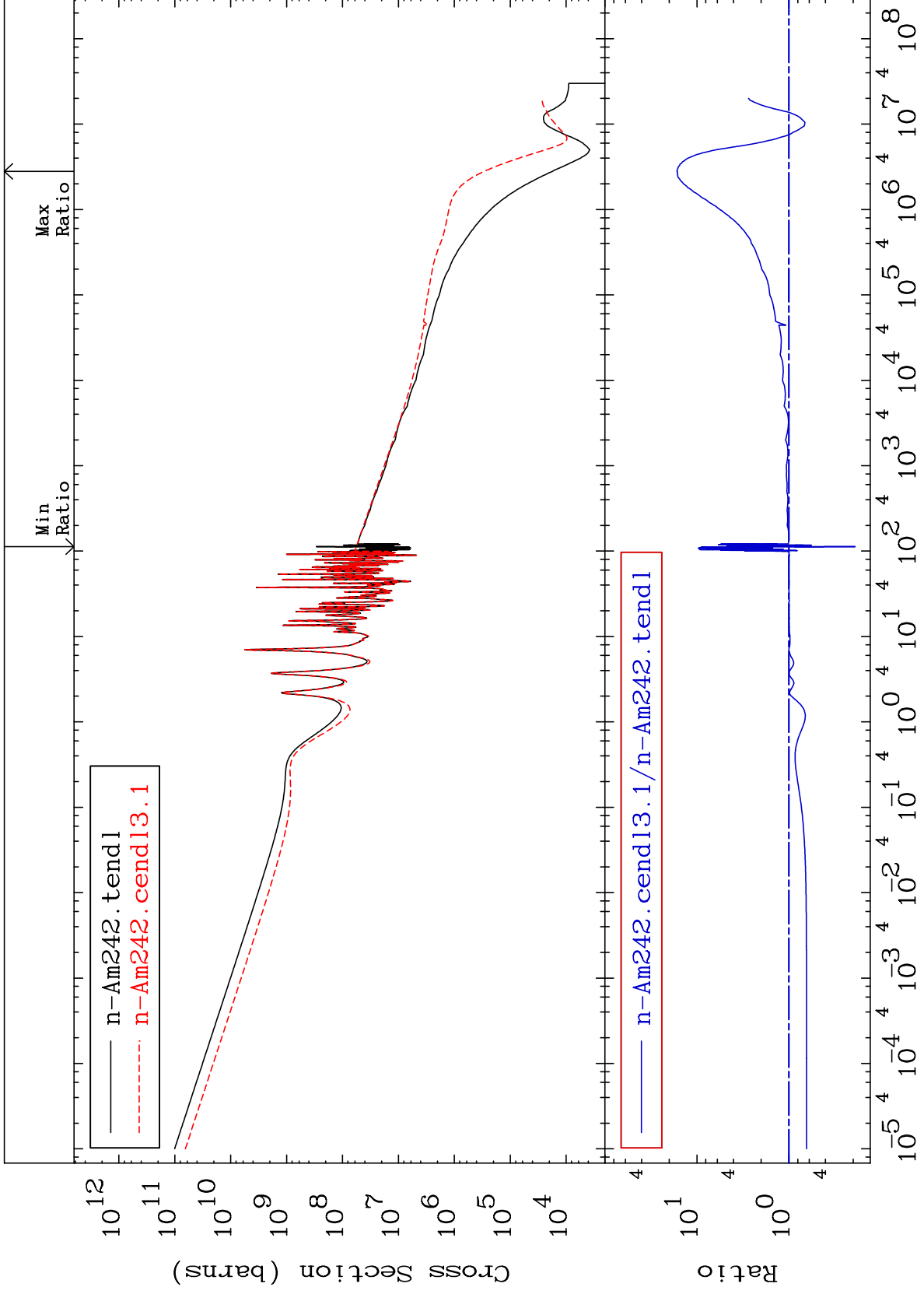
Incident Energy (eV)

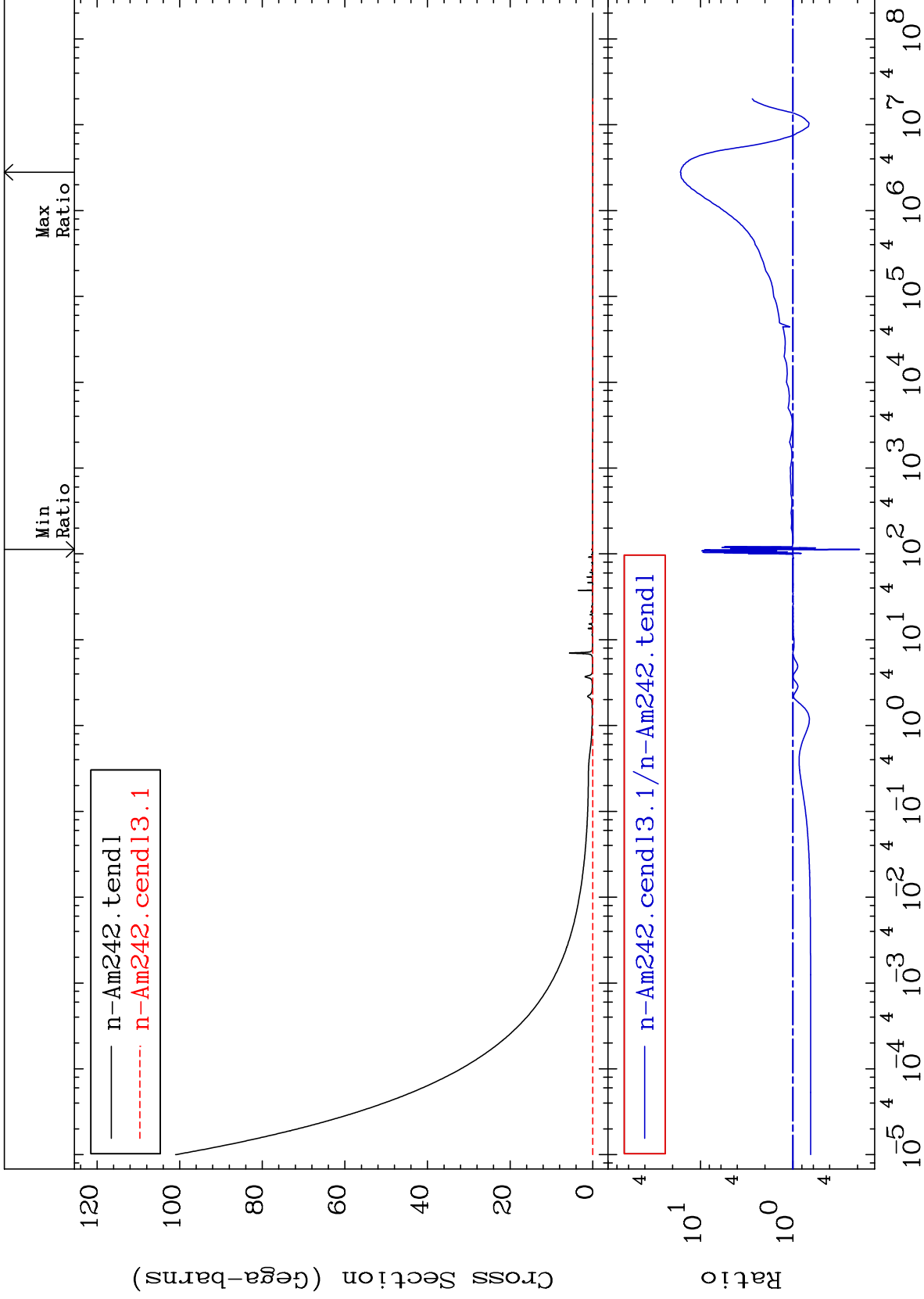
95-Am-242

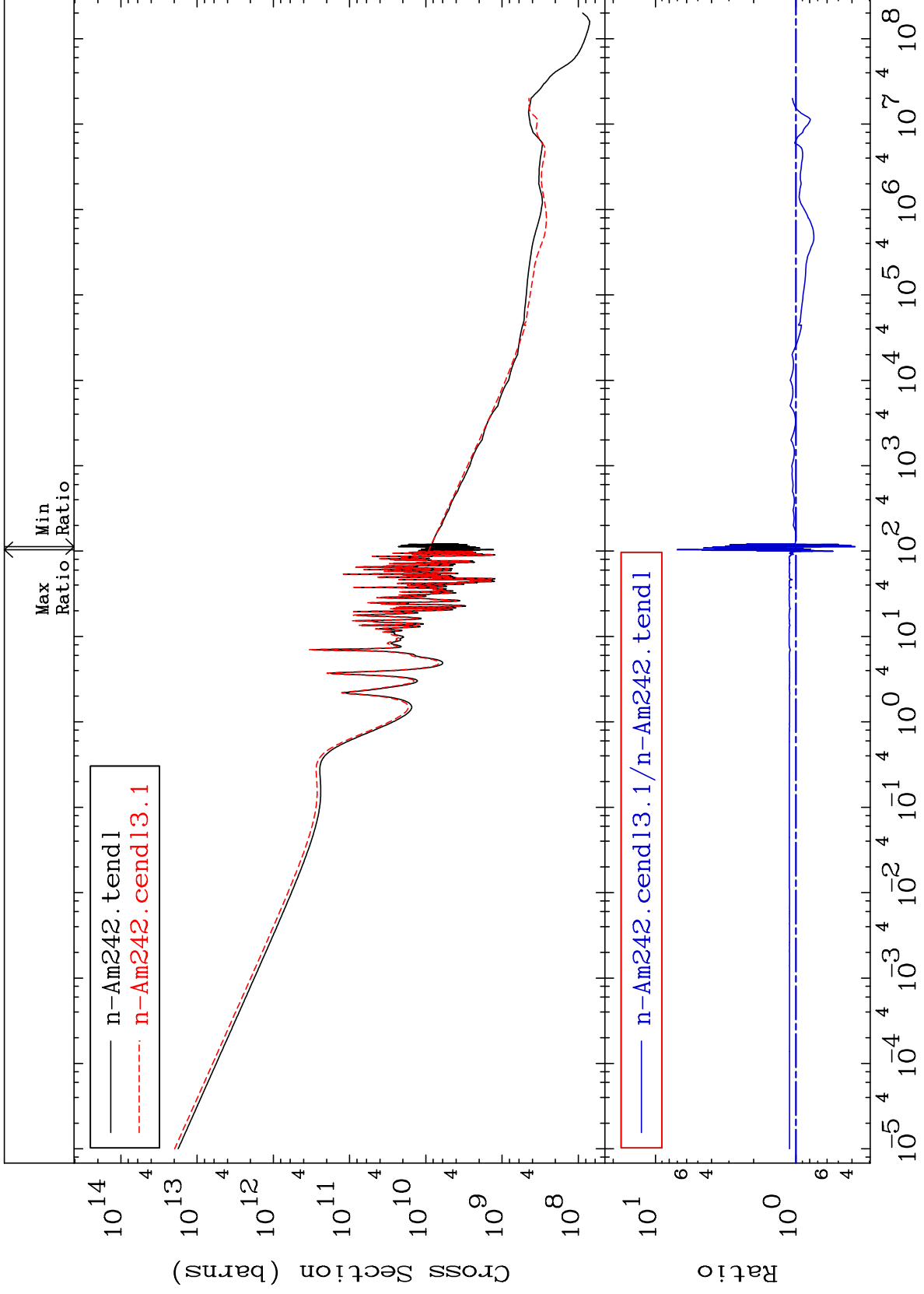
MAT 9546

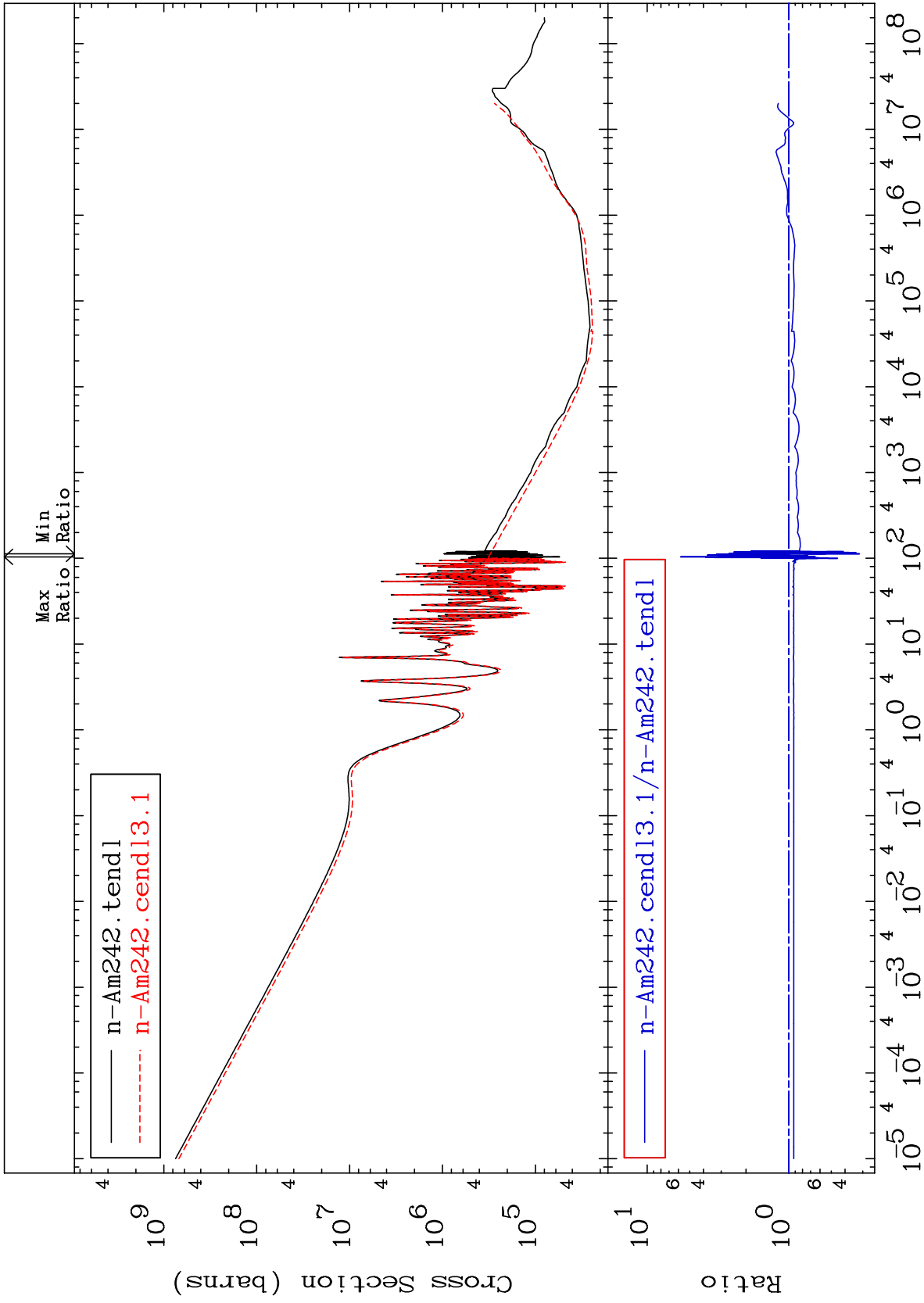
Kerma capture (mt102)
Cross Section

95-Am-242
-80.94 To 1549. %





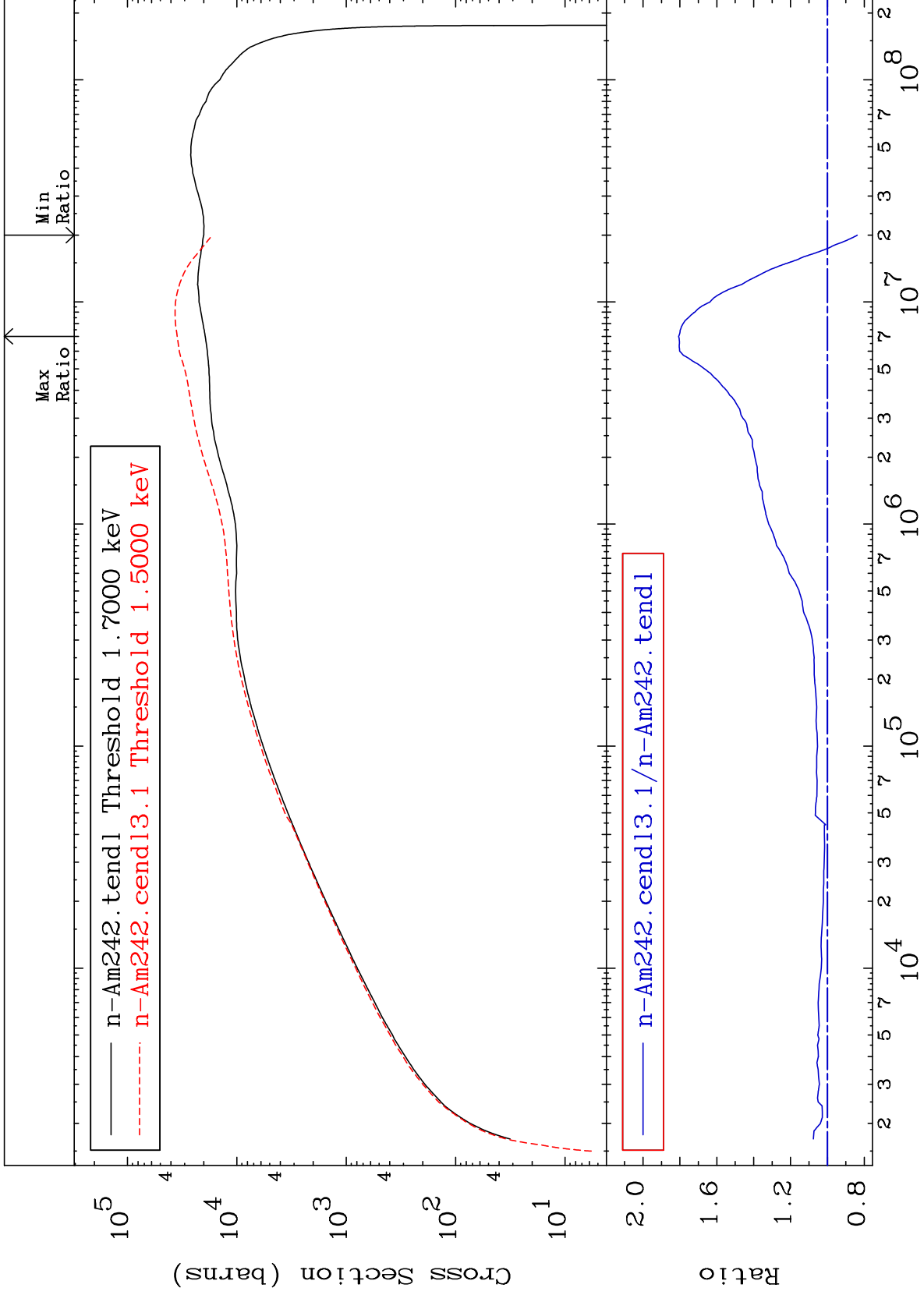


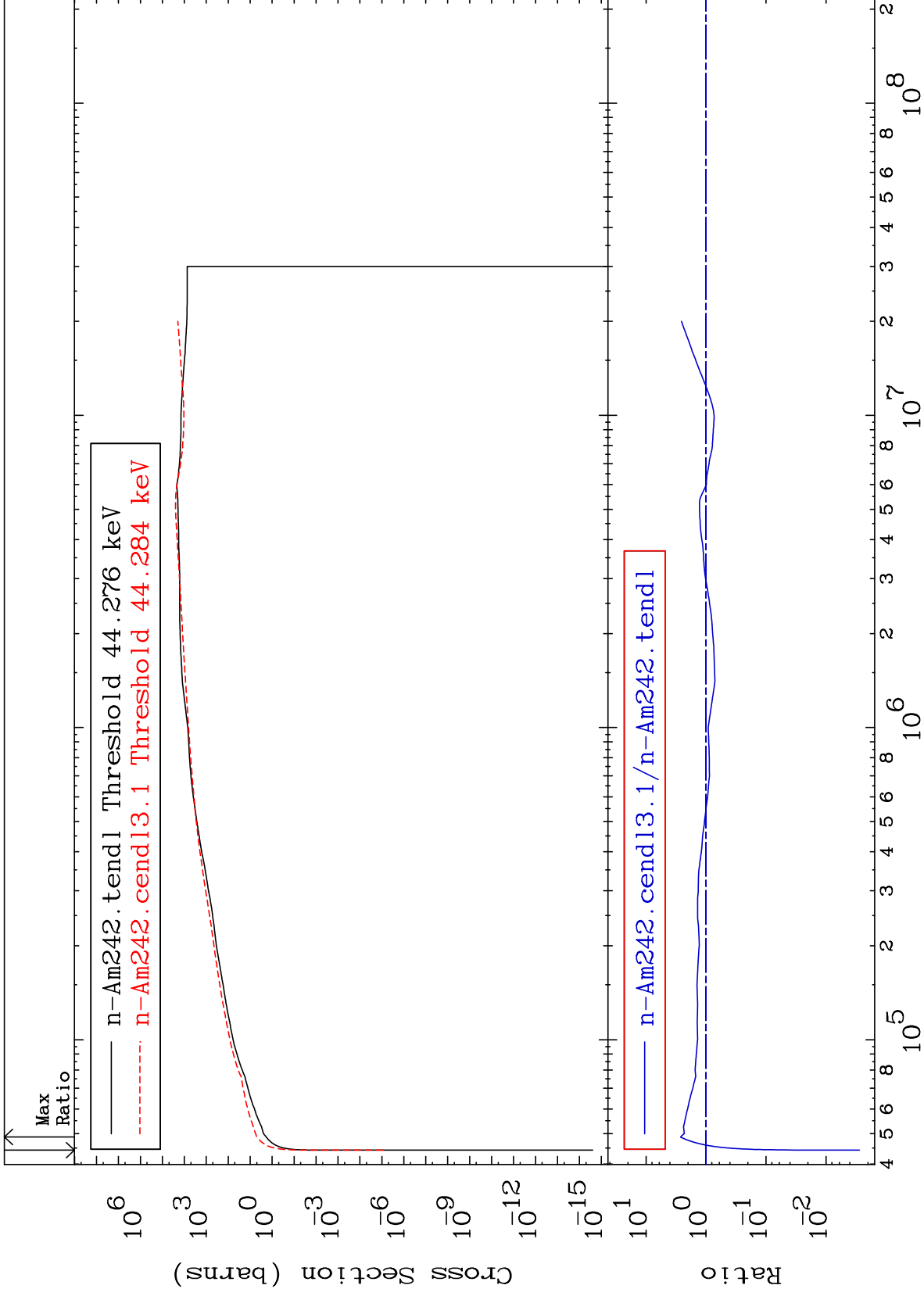


MAT 9546

Dpa elastic (mt2)
Cross Section

95-Am-242
-16.16 To 80.69 %





MAT 9546

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
-5.382 To 9999. %

