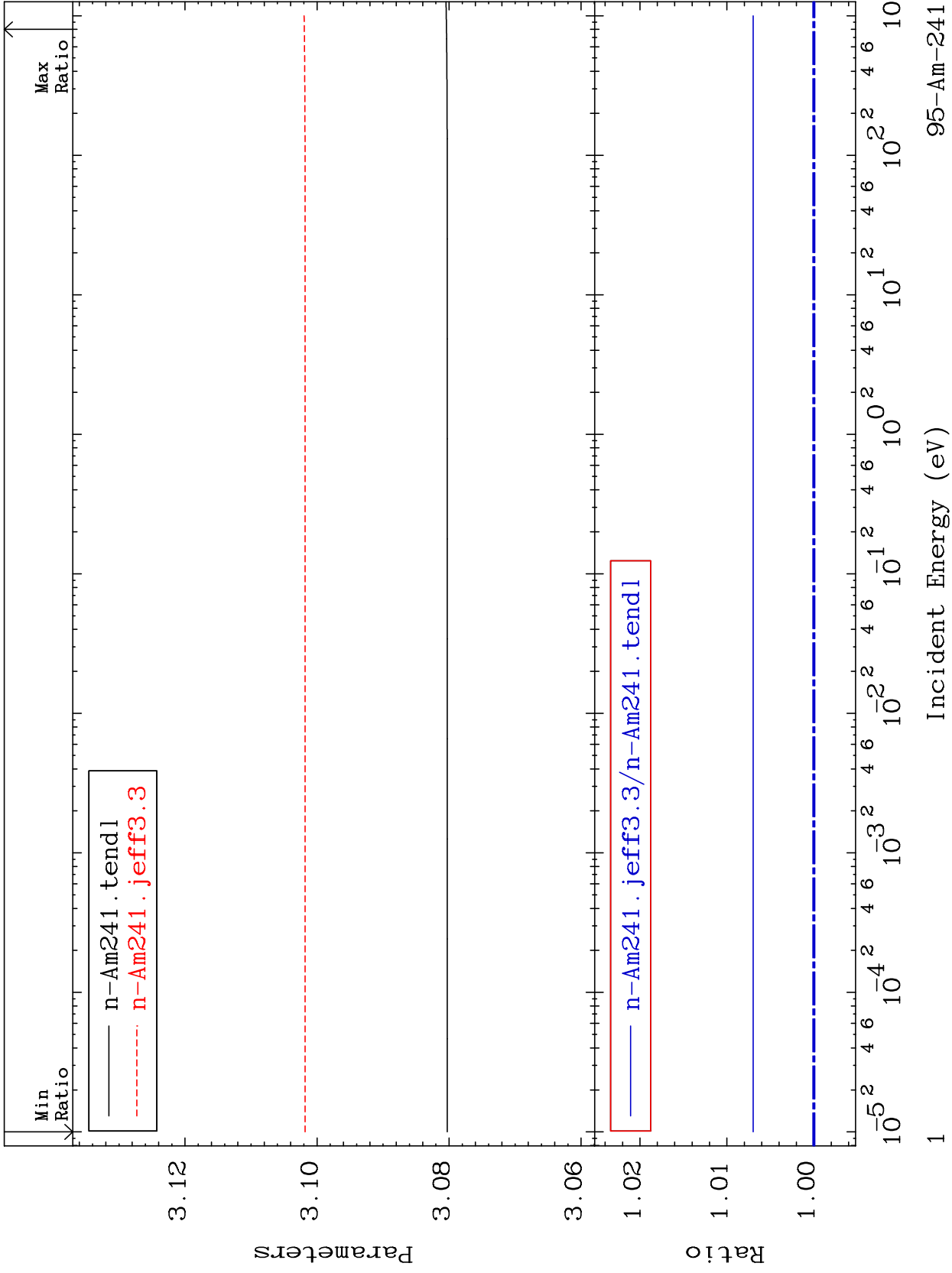


MAT 9543

Total $\bar{\nu}$
Parameters

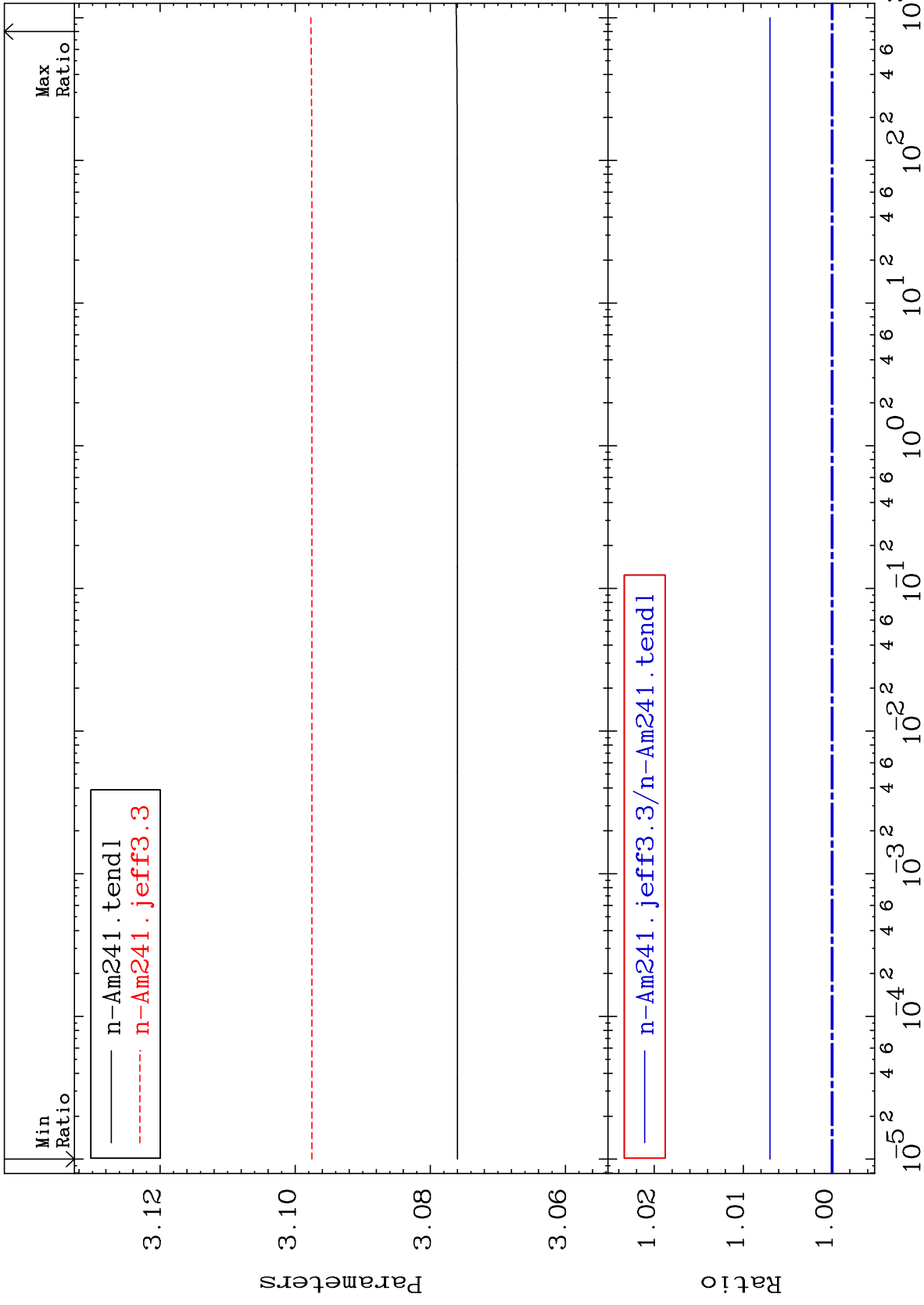
95-Am-241
0.699 To 0.699 %



MAT 9543

Prompt $\bar{\nu}$
Parameters

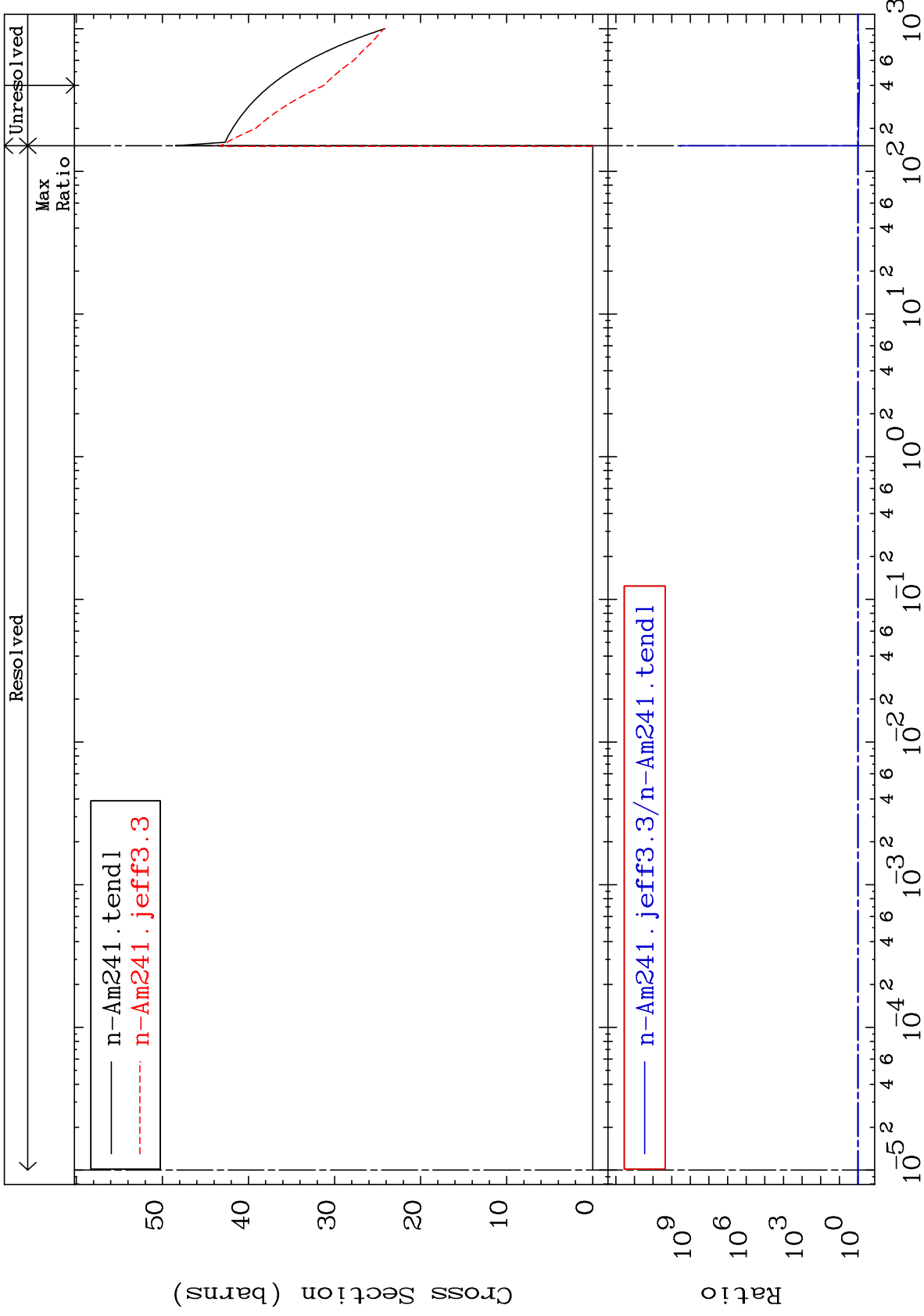
95-Am-241
0.700 To 0.700 %



MAT 9543

Total
Cross Section

95-Am-241
-16.49 To 9999. %



95-Am-241

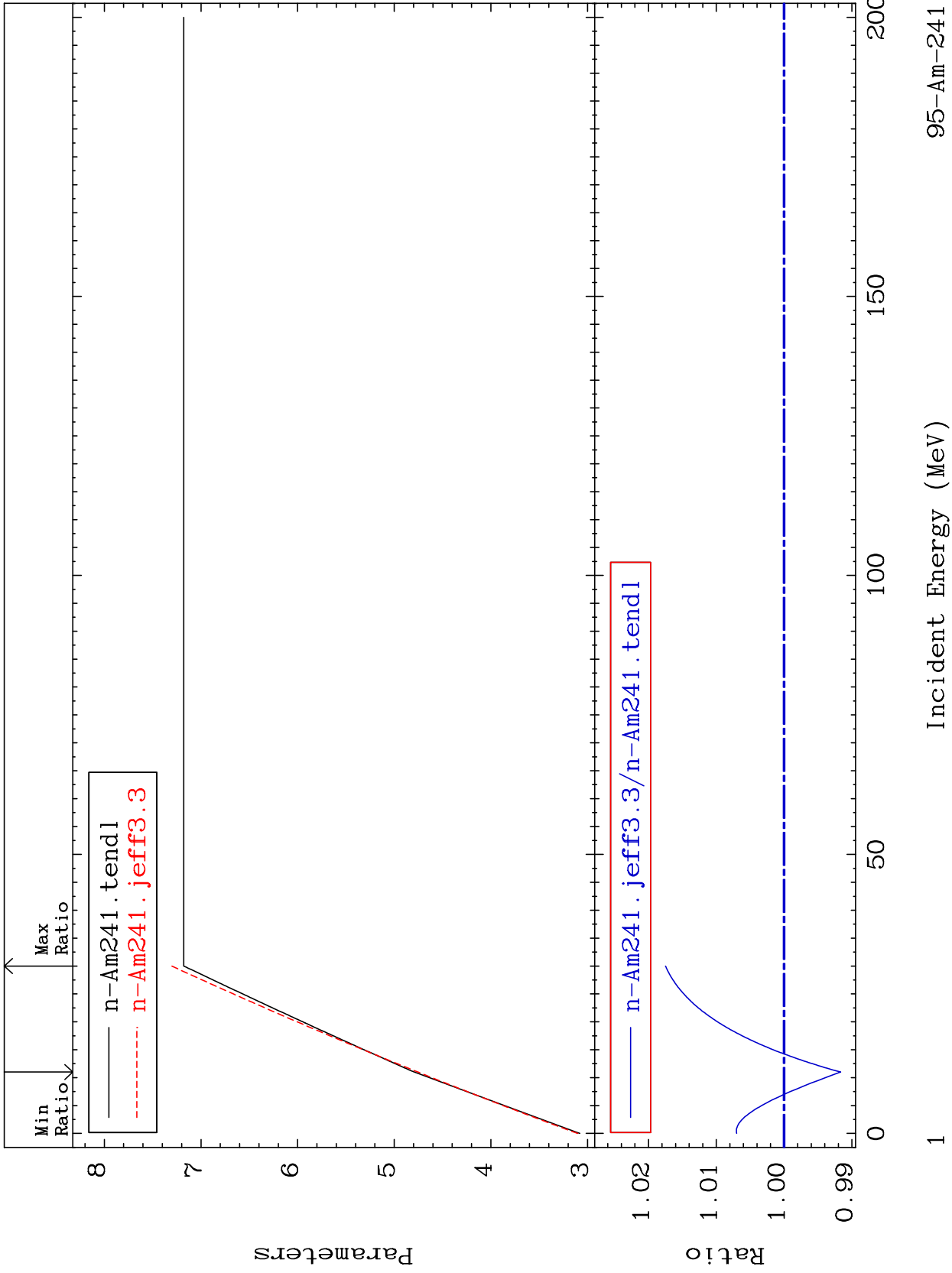
Incident Energy (eV)

3

MAT 9543

Total $\bar{\nu}$
Parameters

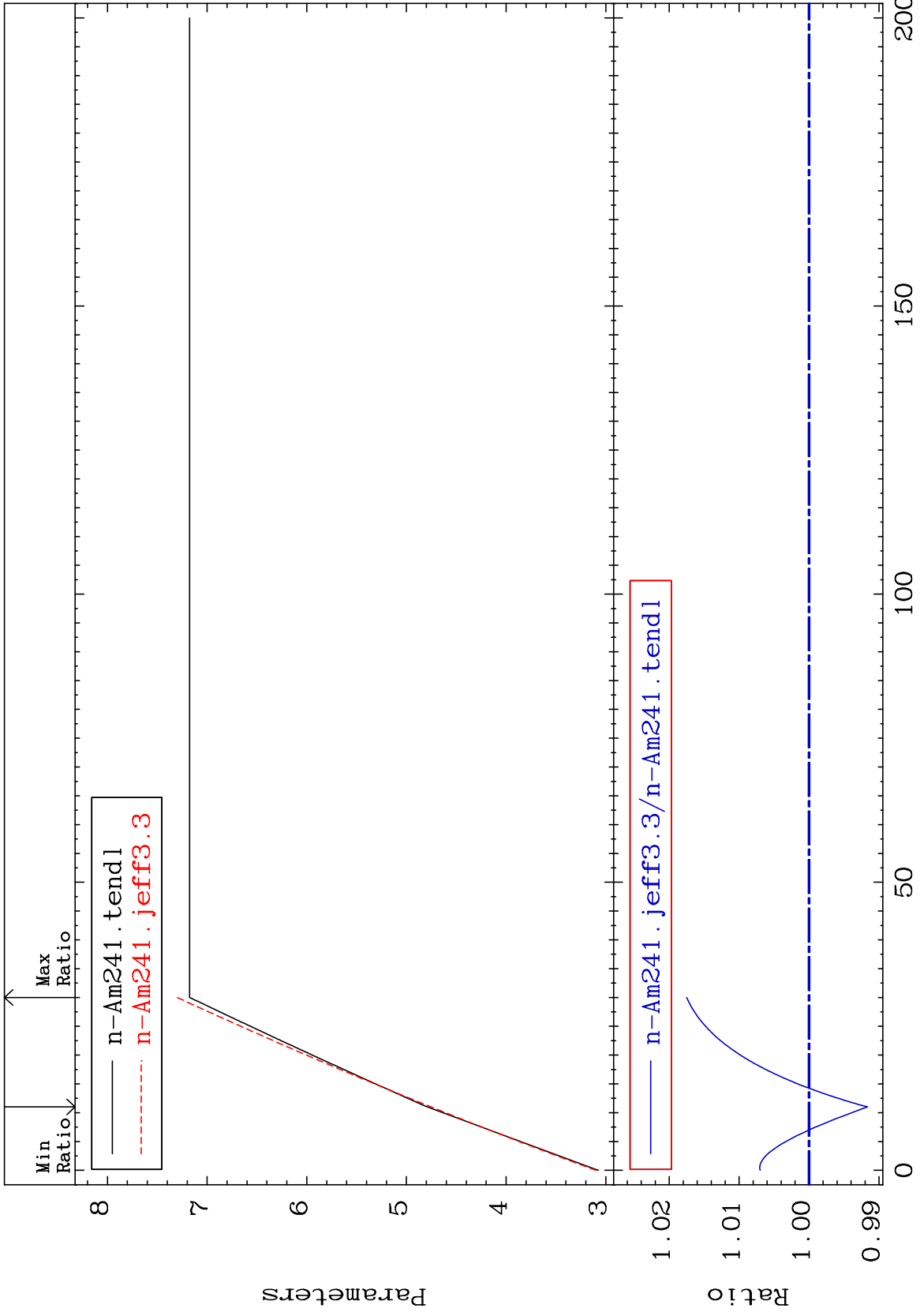
95-Am-241
-0.834 To 1.749 %



MAT 9543

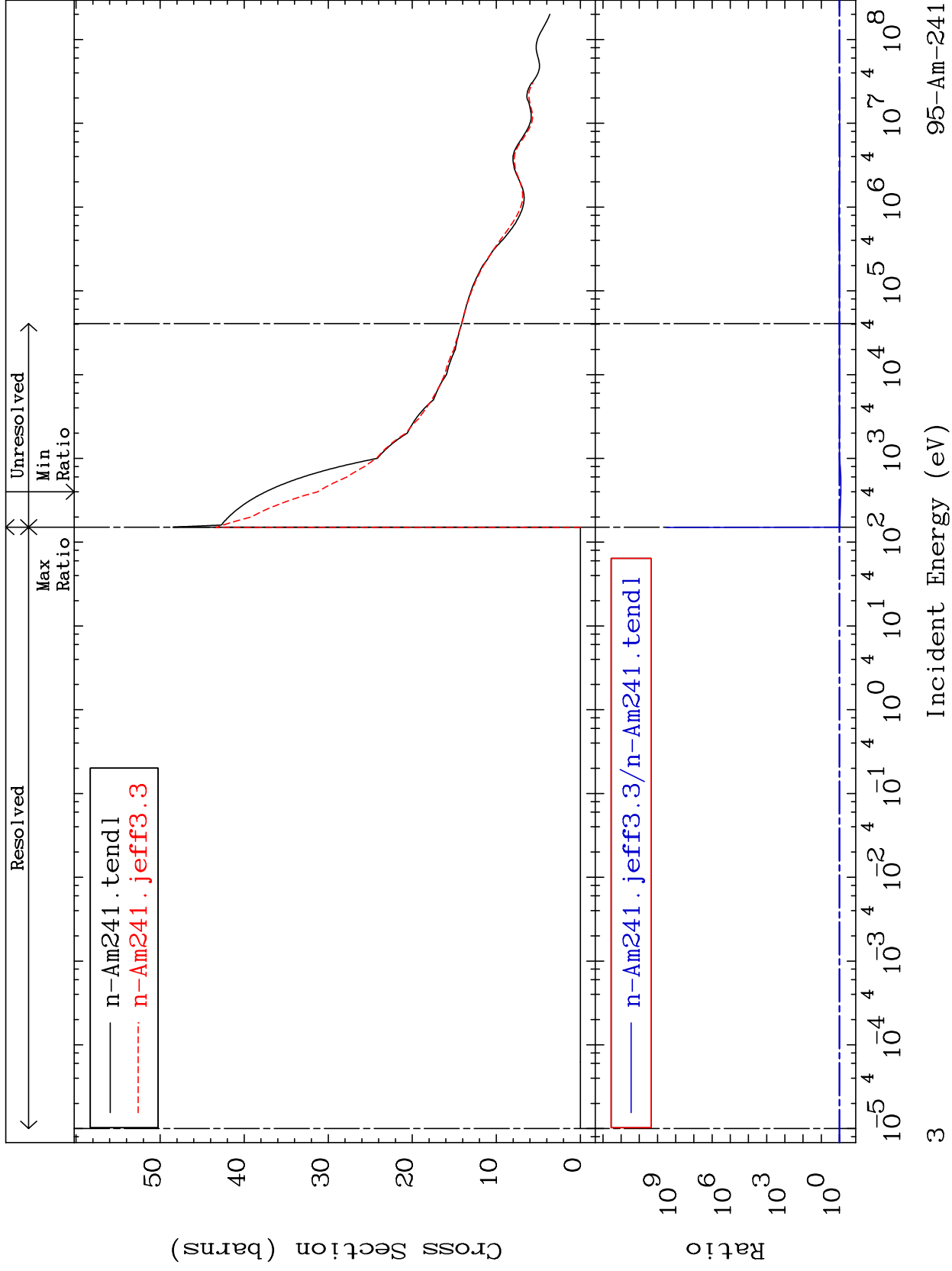
Prompt $\bar{\nu}$
Parameters

95-Am-241
-0.834 To 1.750 %



MAT 9543

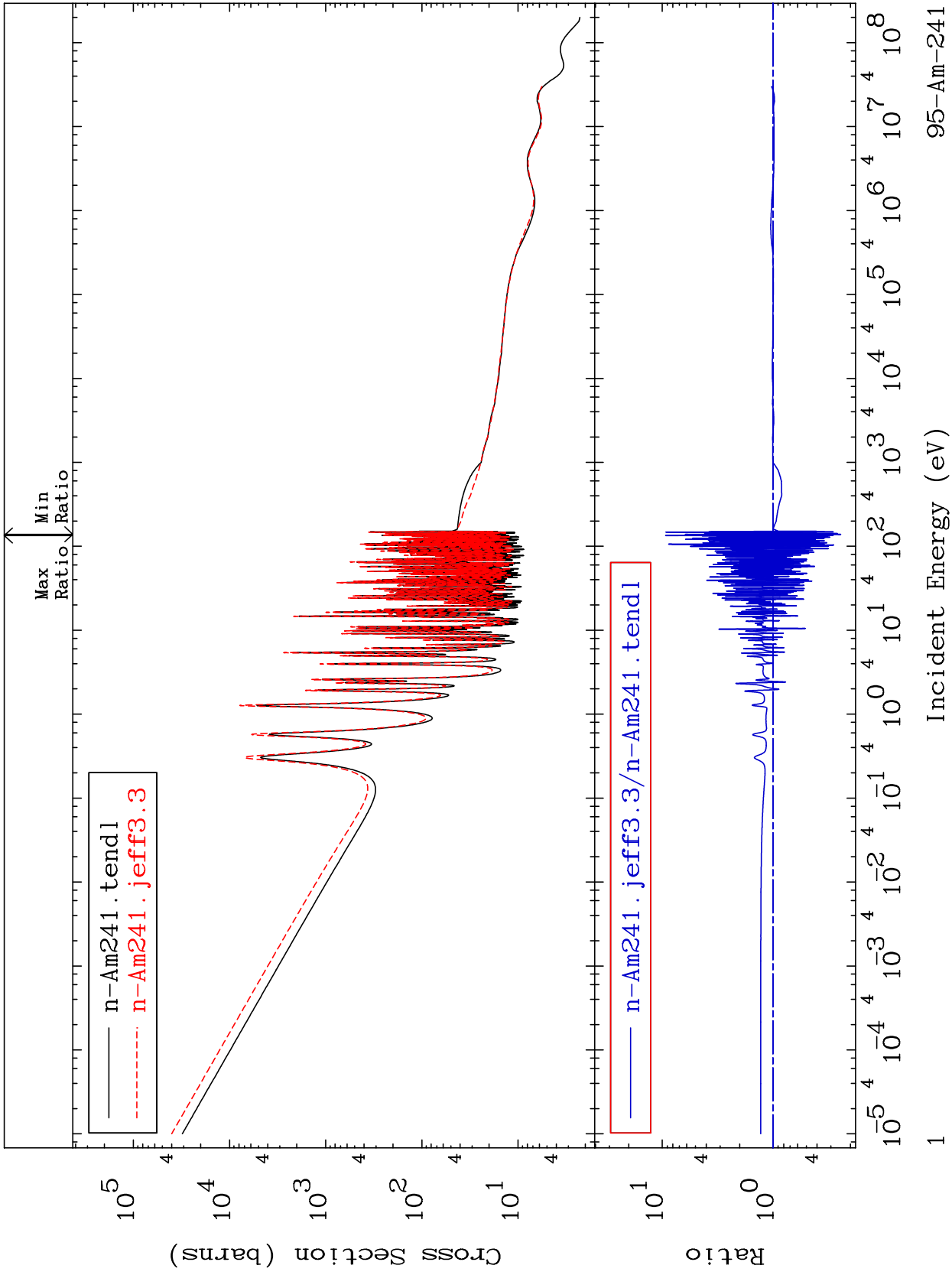
Total Cross Section
95-Am-241
-16.49 To 9999. %



95-Am-241

MAT 9543

Total Cross Section
95-Am-241
-75.49 To 832.8 %



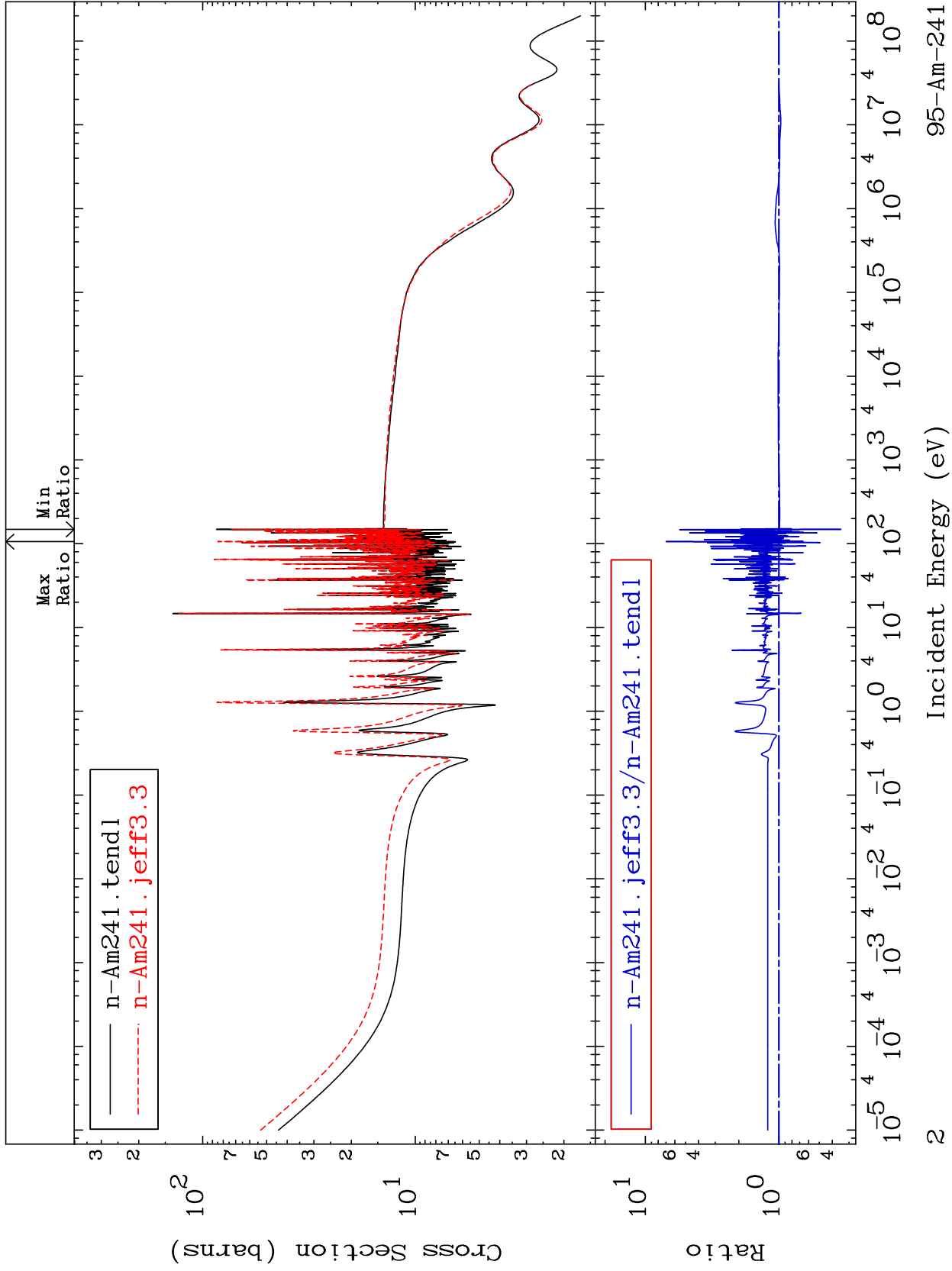
MAT 9543

Elastic

95-Am-241

Cross Section

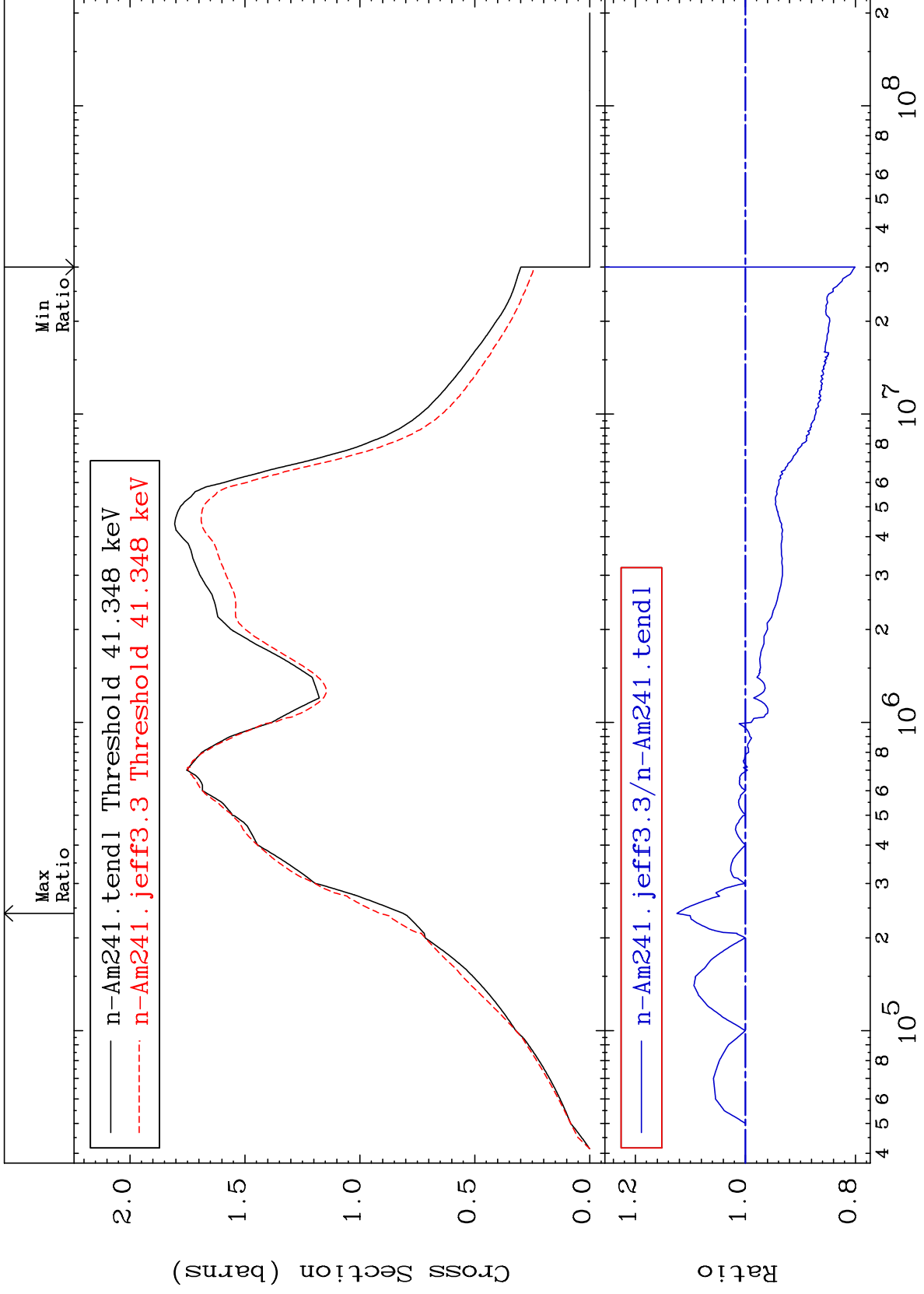
-65.52 To 600.3 %



MAT 9543

Inelastic
Cross Section

95-Am-241
-19.92 To 12.45 %



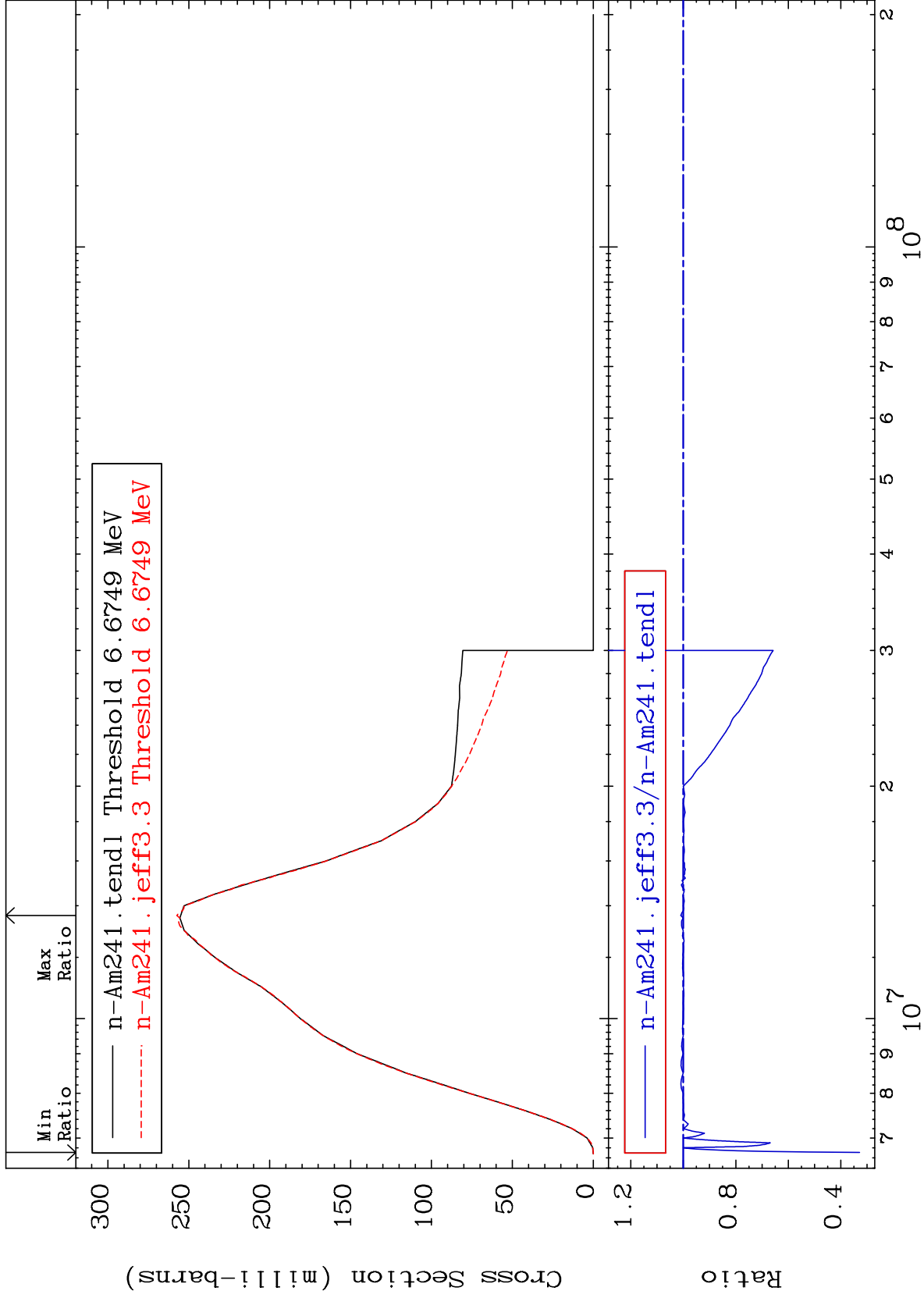
MAT 9543

(n,2n)

95-Am-241

Cross Section

-67.14 To 0.961 %



4

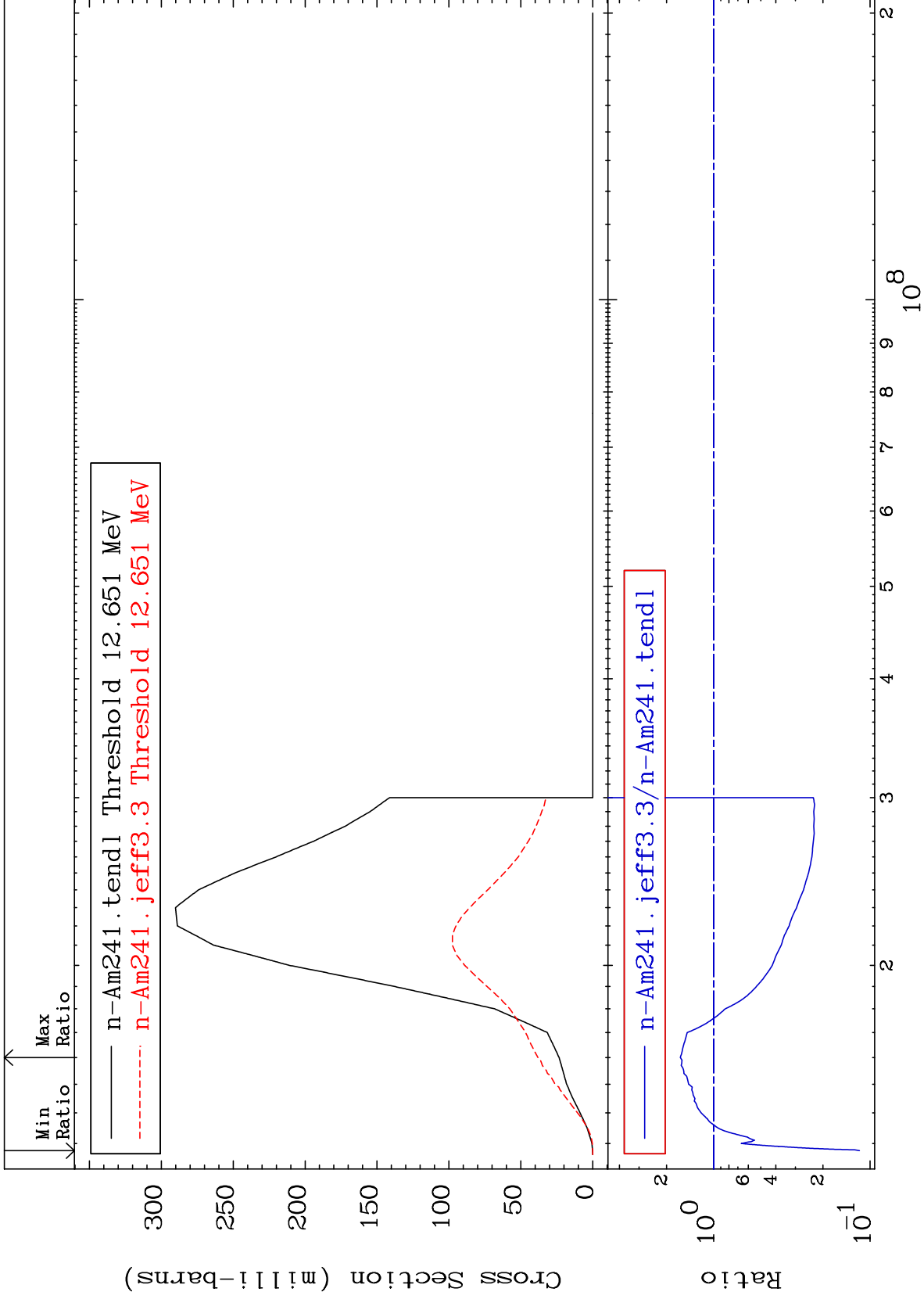
Incident Energy (eV)

95-Am-241

MAT 9543

(n,3n)
Cross Section

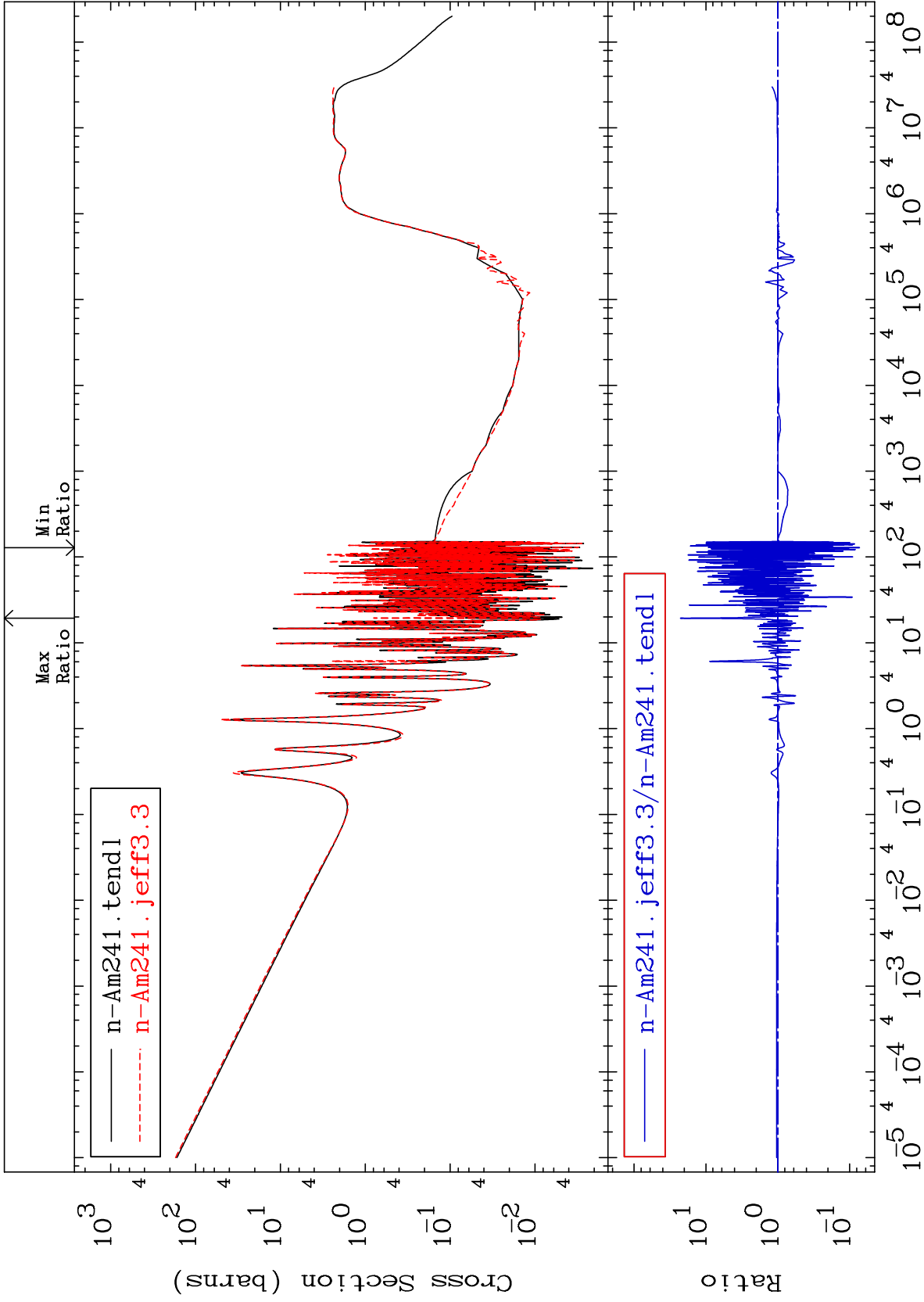
95-Am-241
-88.31 To 63.24 %



MAT 9543

Fission Cross Section

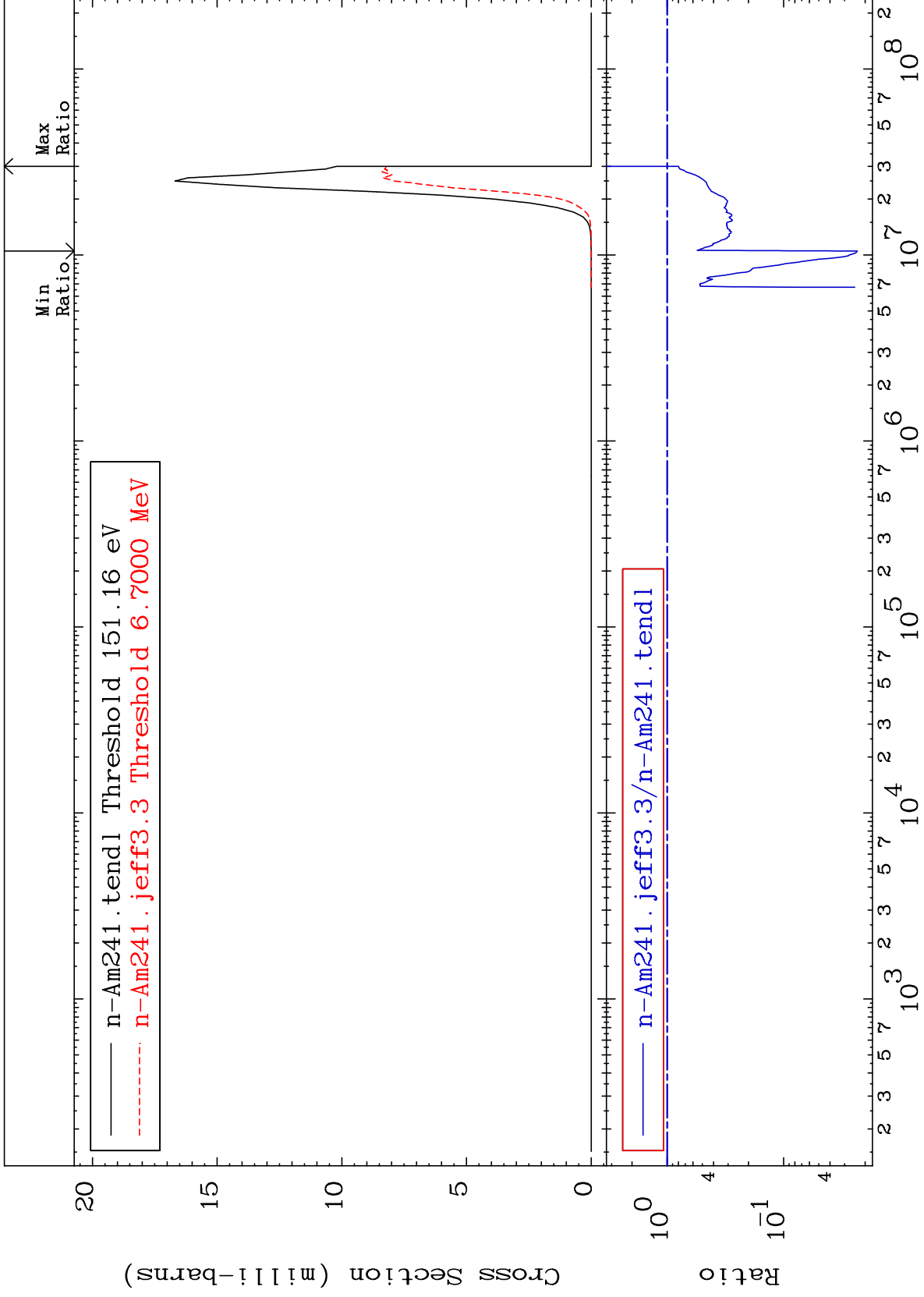
95-Am-241
-92.69 To 2172. %



MAT 9543

(n, n') α
Cross Section

95-Am-241
-97.67 To -20.33%



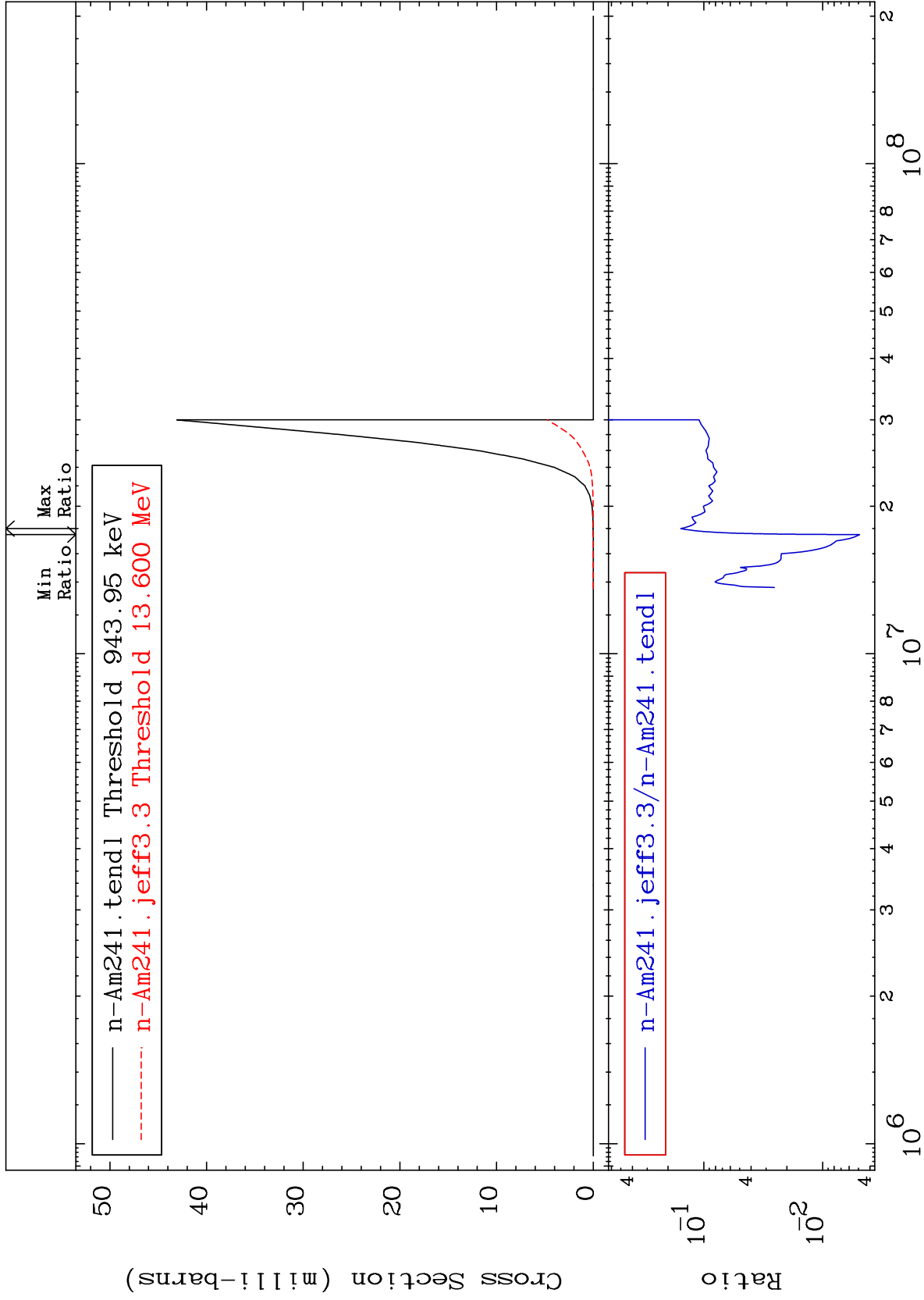
MAT 9543

(n,2n) α

95-Am-241

Cross Section

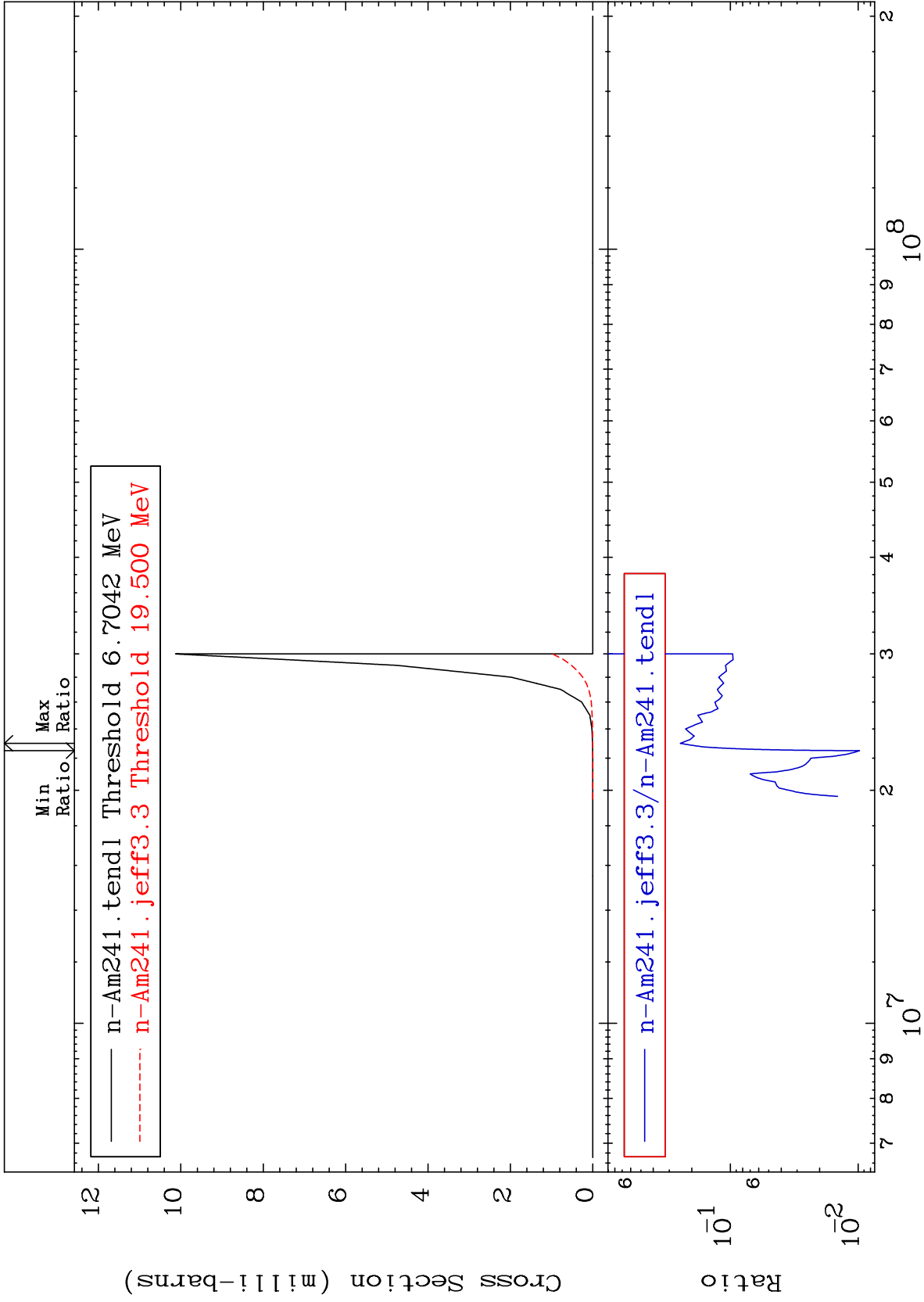
-99.51 To -84.35%



MAT 9543

(n,3n) α
Cross Section

95-Am-241
-99.02 To -75.43%



9

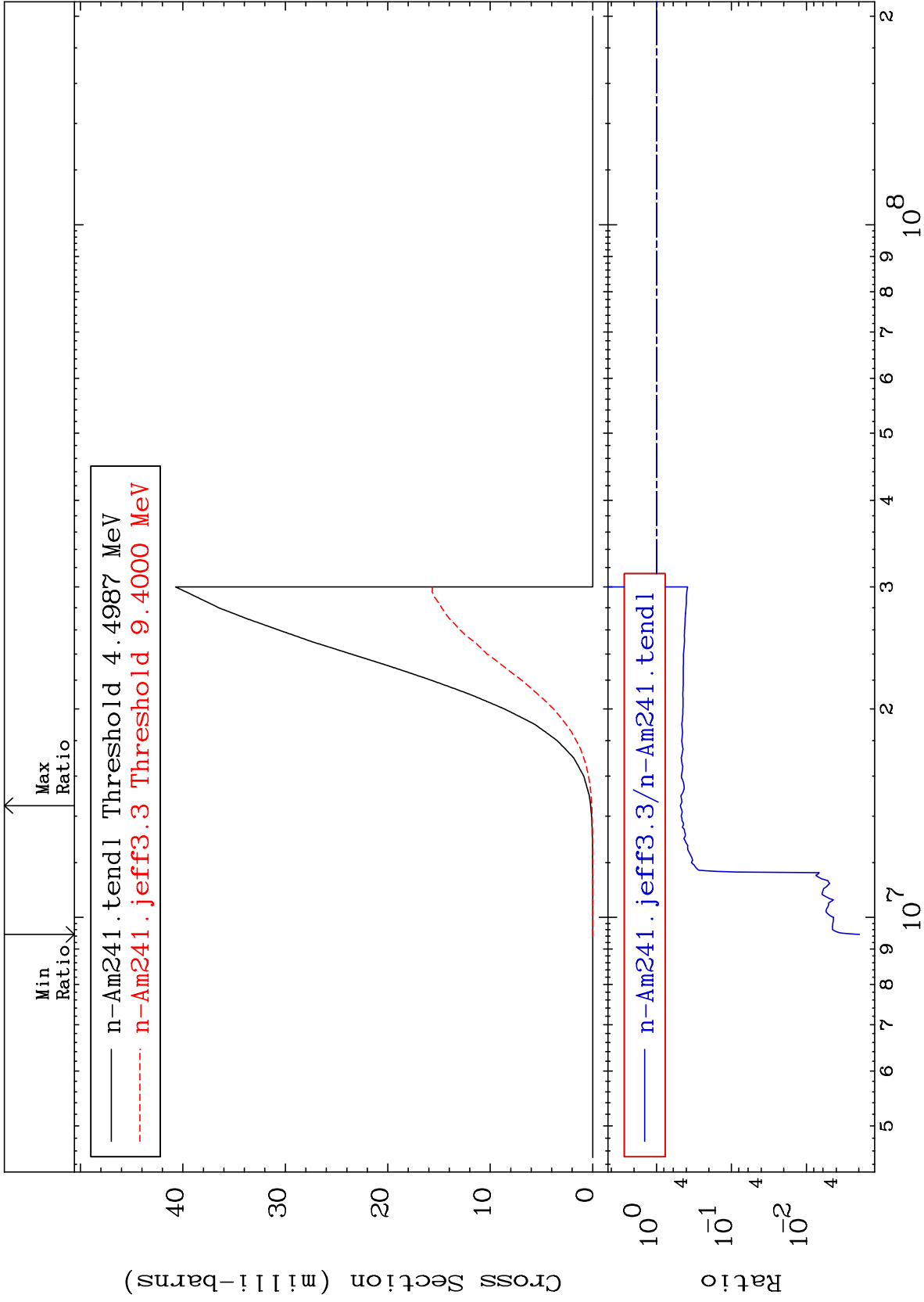
Incident Energy (eV)

95-Am-241

MAT 9543

(n, n') p
Cross Section

95-Am-241
-99.80 To -51.94%



10

Incident Energy (eV)

95-Am-241

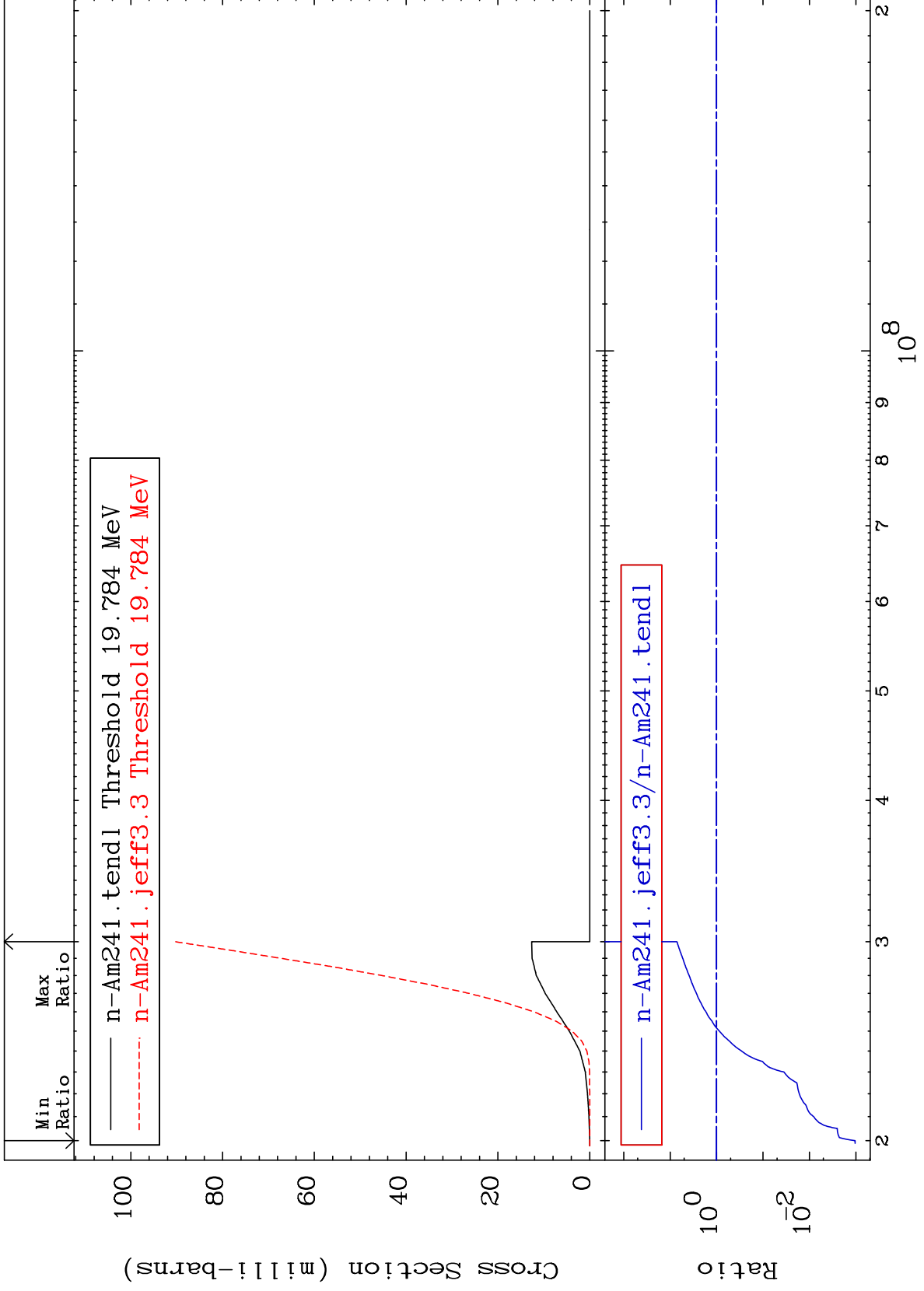
MAT 9543

(n,4n)

95-Am-241

Cross Section

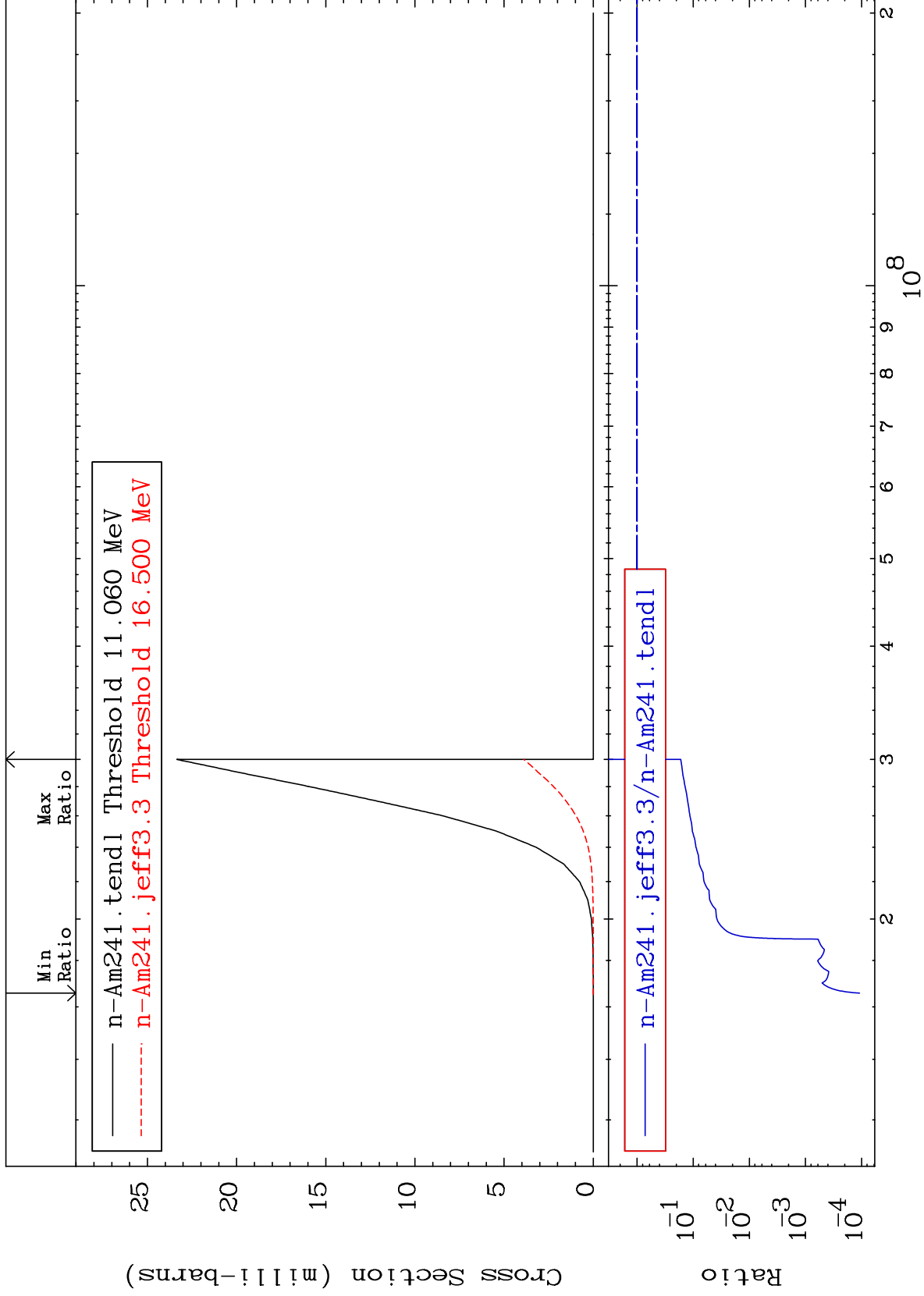
-99.90 To 614.6 %



MAT 9543

(n,2n) p
Cross Section

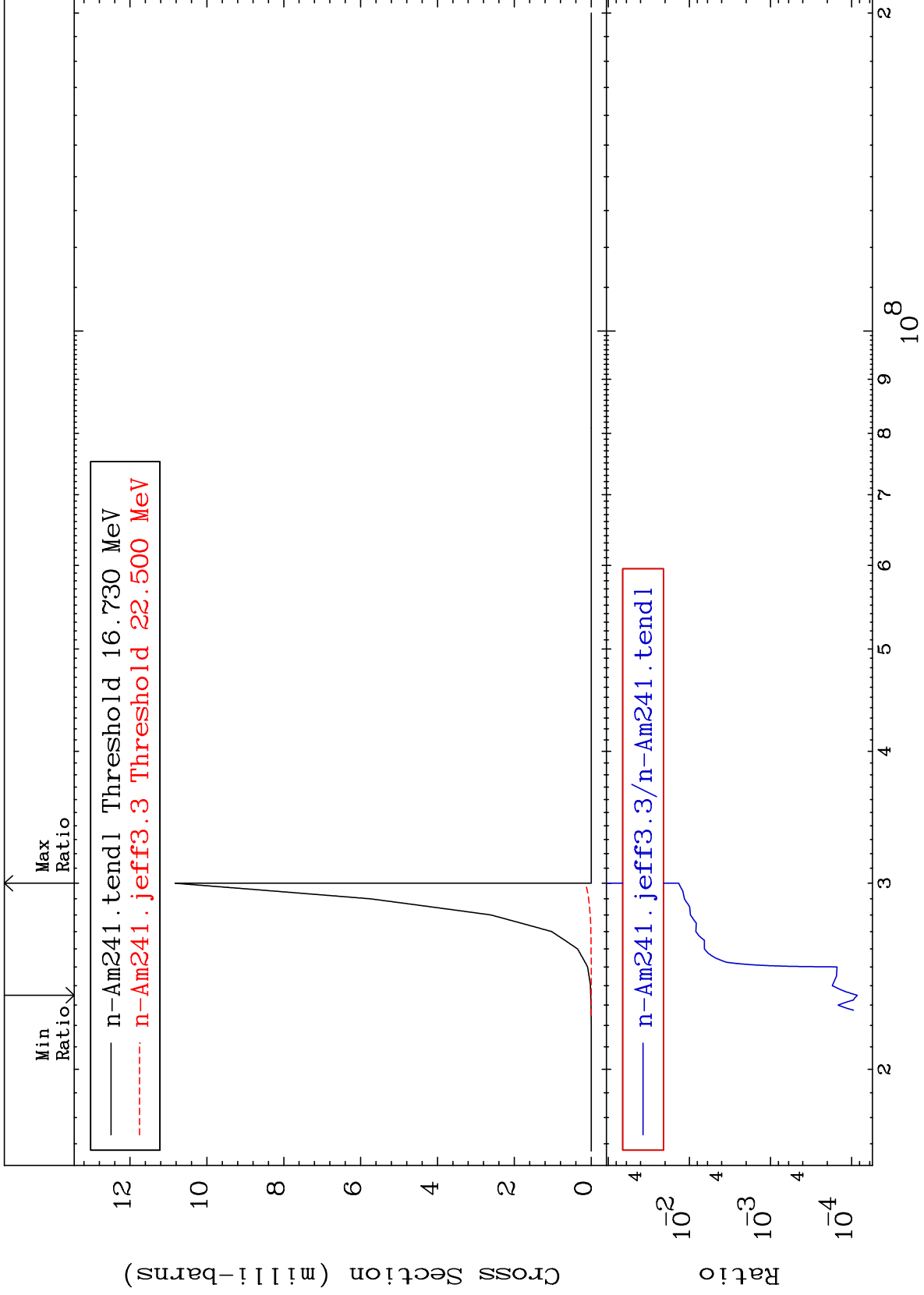
95-Am-241
-99.99 To -83.33%



MAT 9543

(n,3n) p
Cross Section

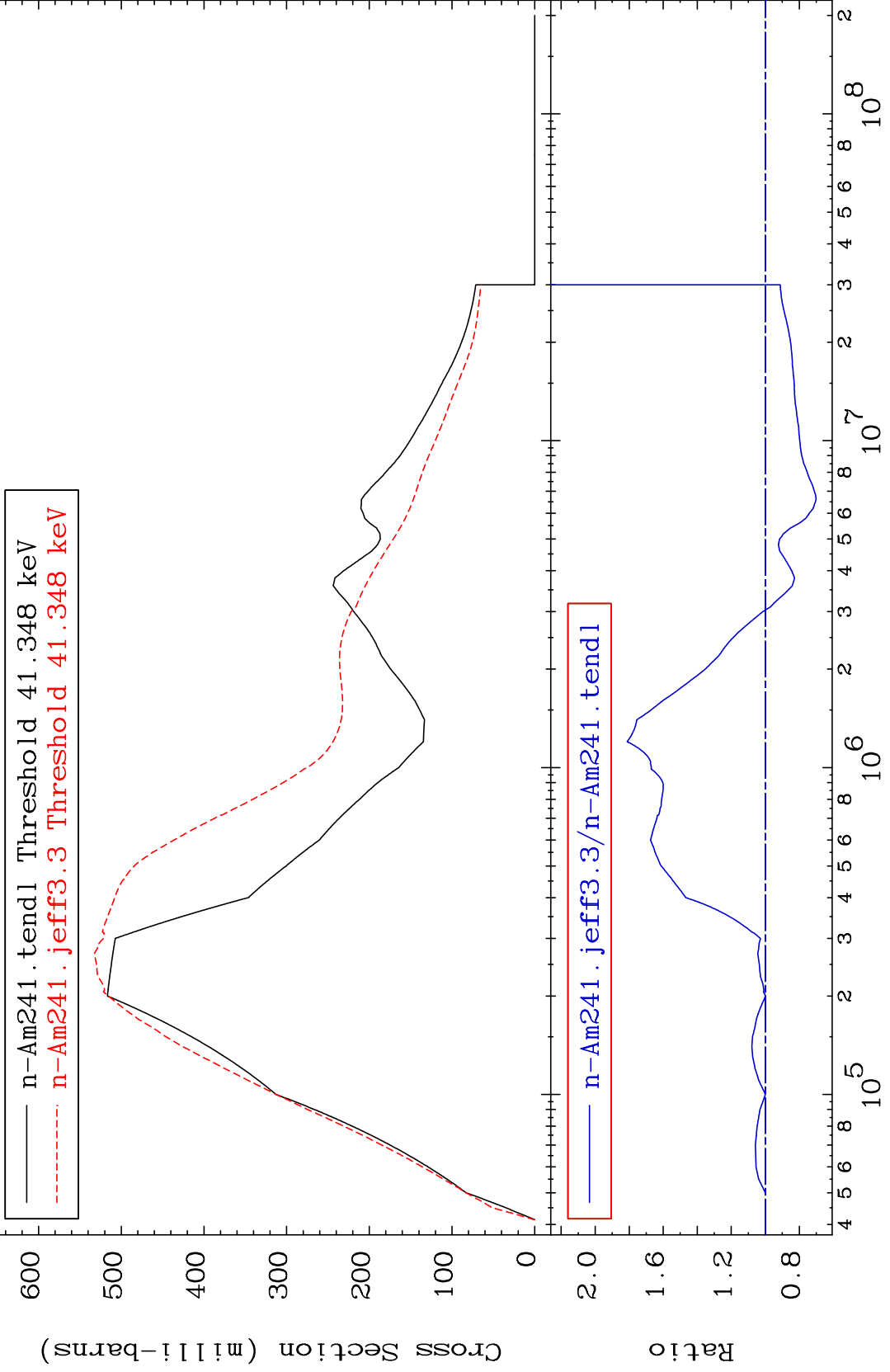
95-Am-241
-99.99 To -98.64%



MAT 9543

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

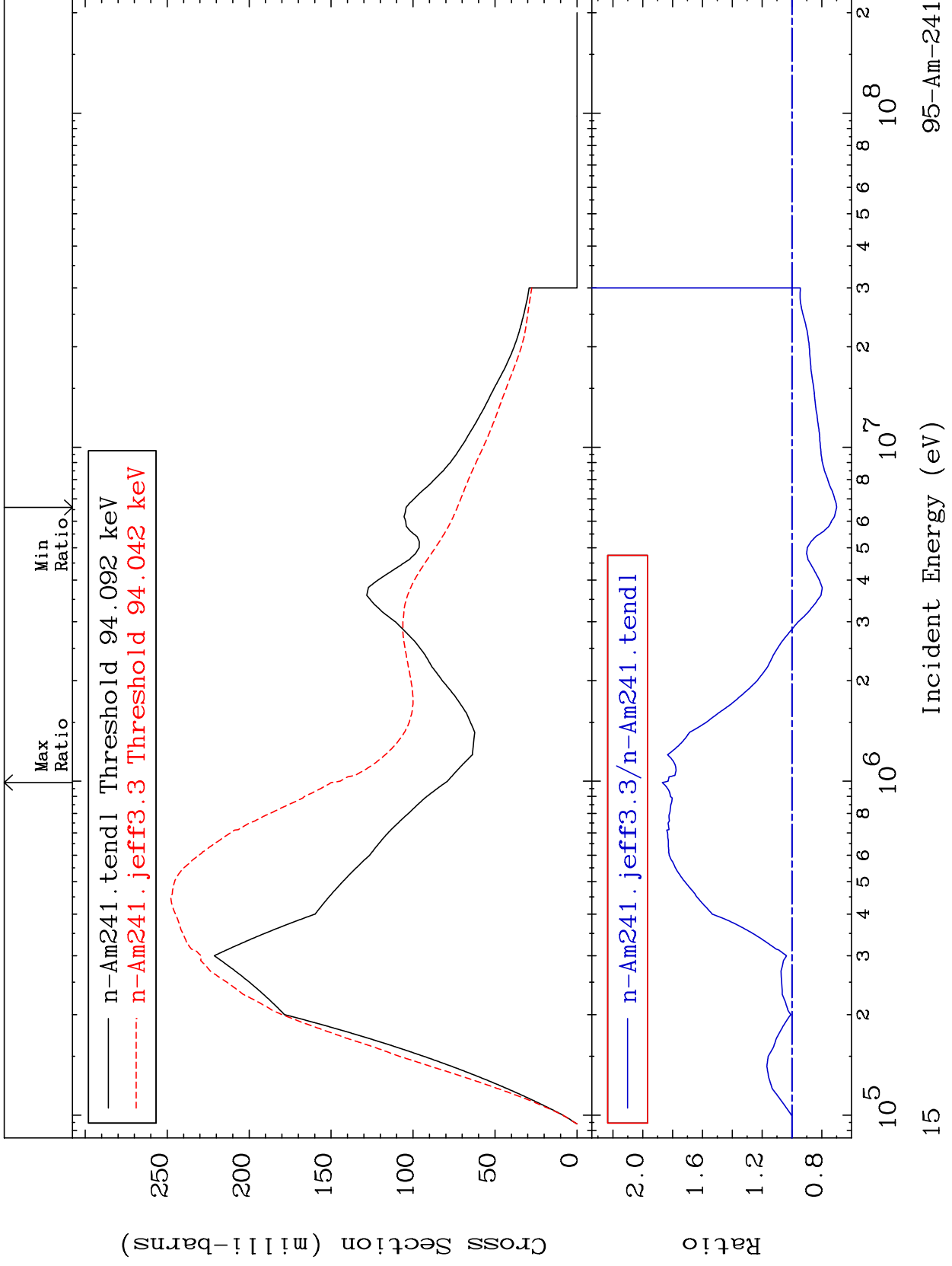
95-Am-241
-29.89 To 81.22 %



MAT 9543

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

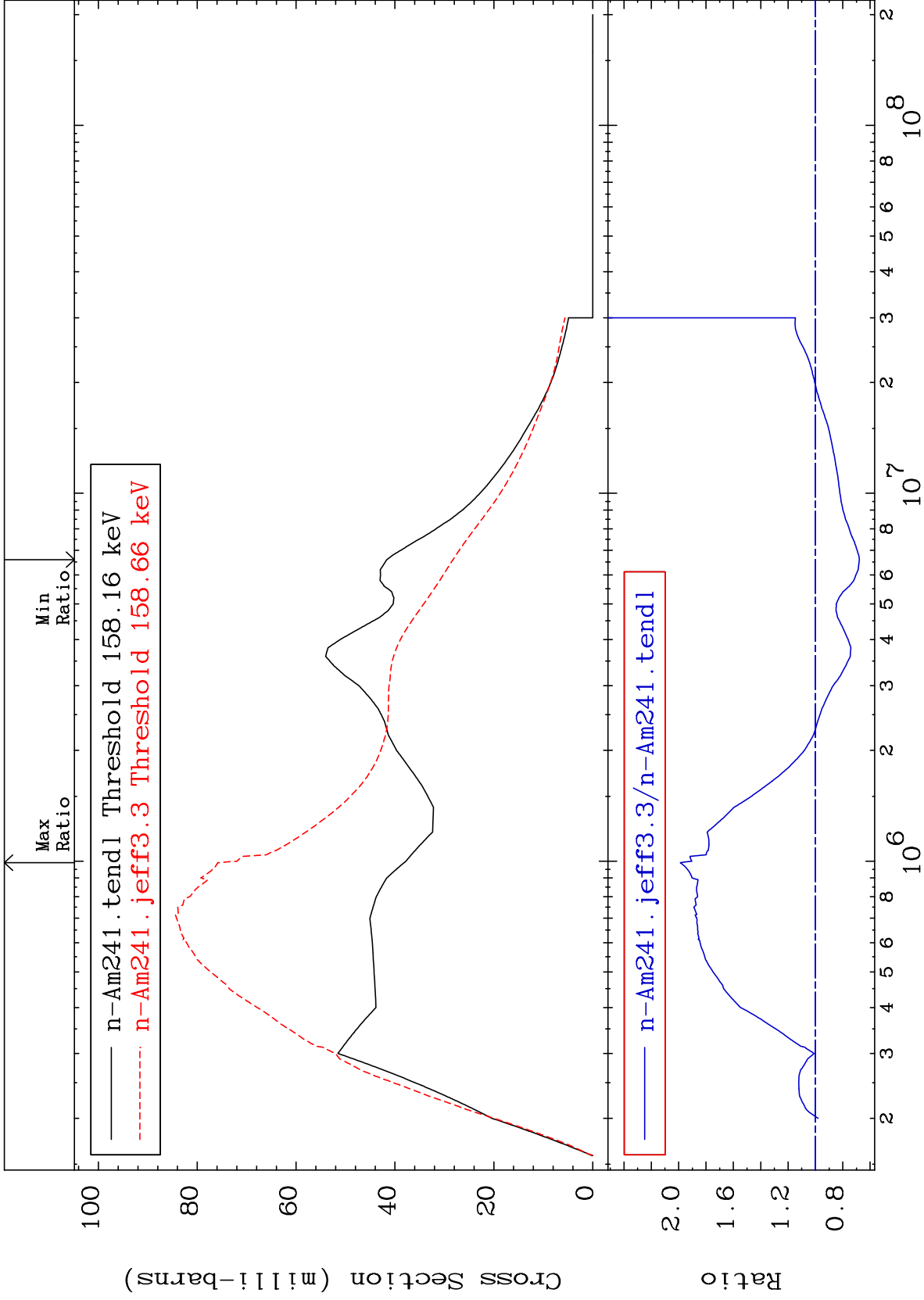
95-Am-241
-29.94 To 86.89 %



MAT 9543

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

95-Am-241
-32.17 To 98.75 %



16

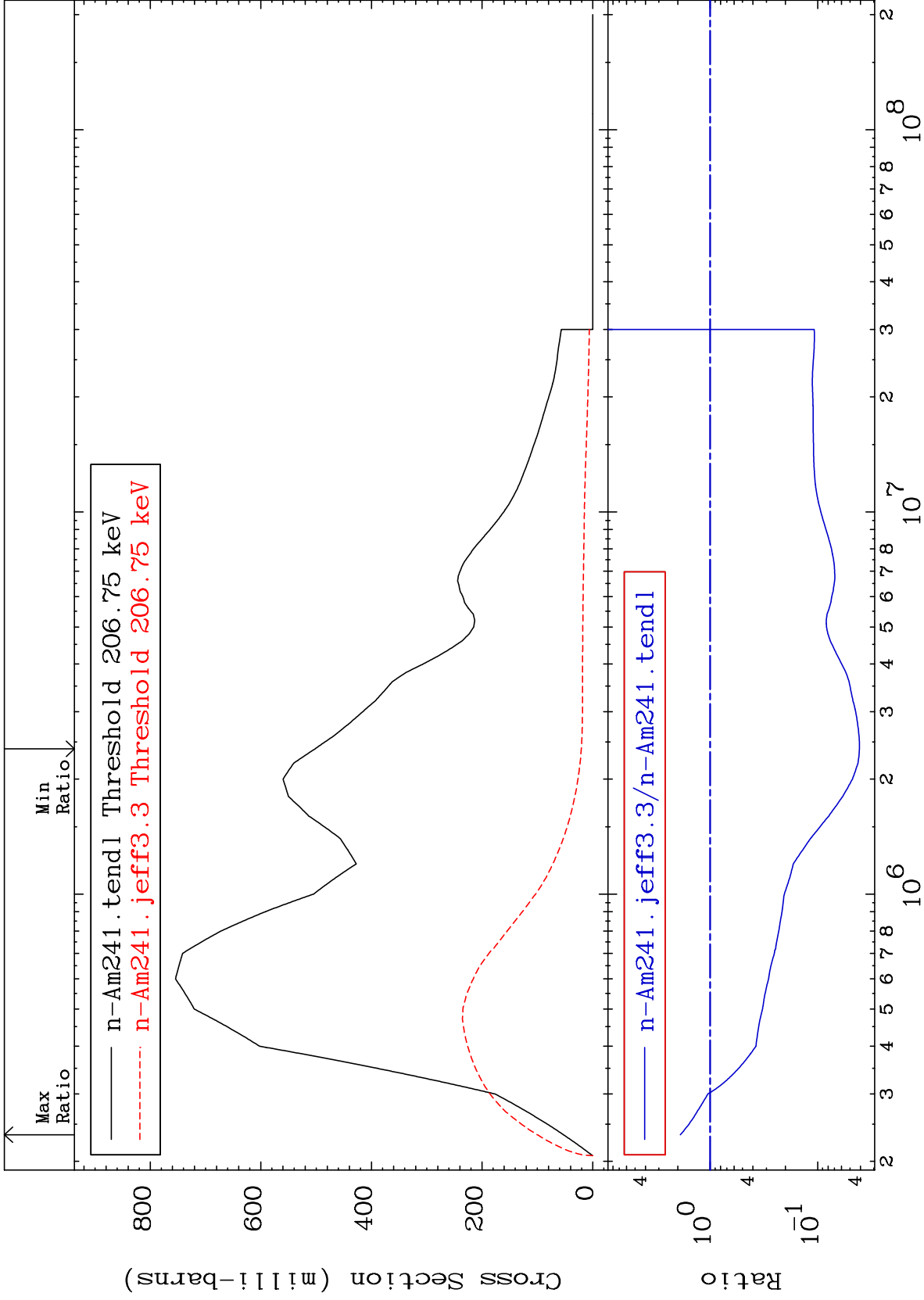
Incident Energy (eV)

95-Am-241

MAT 9543

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

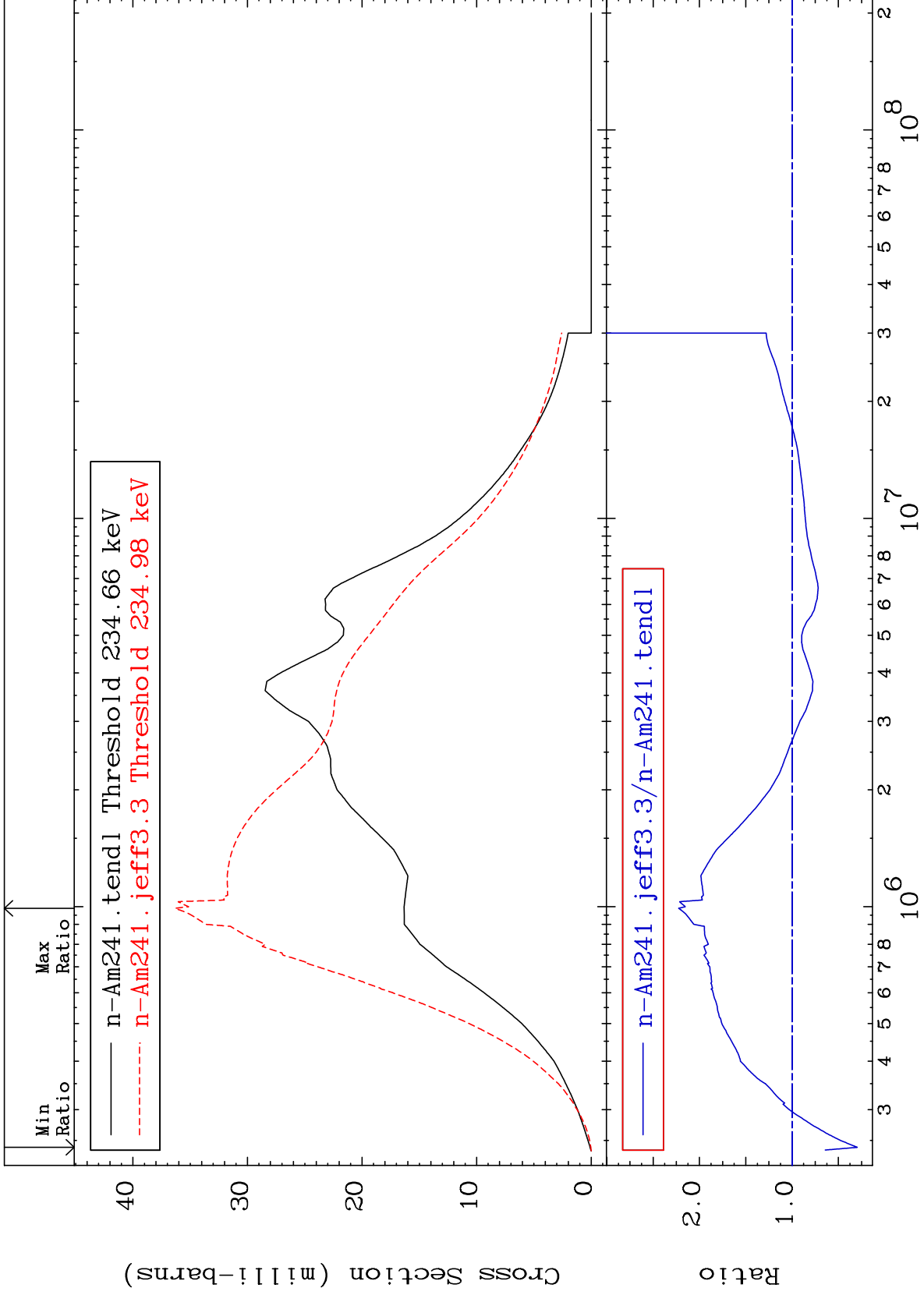
95-Am-241
-95.91 To 89.30 %



MAT 9543

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

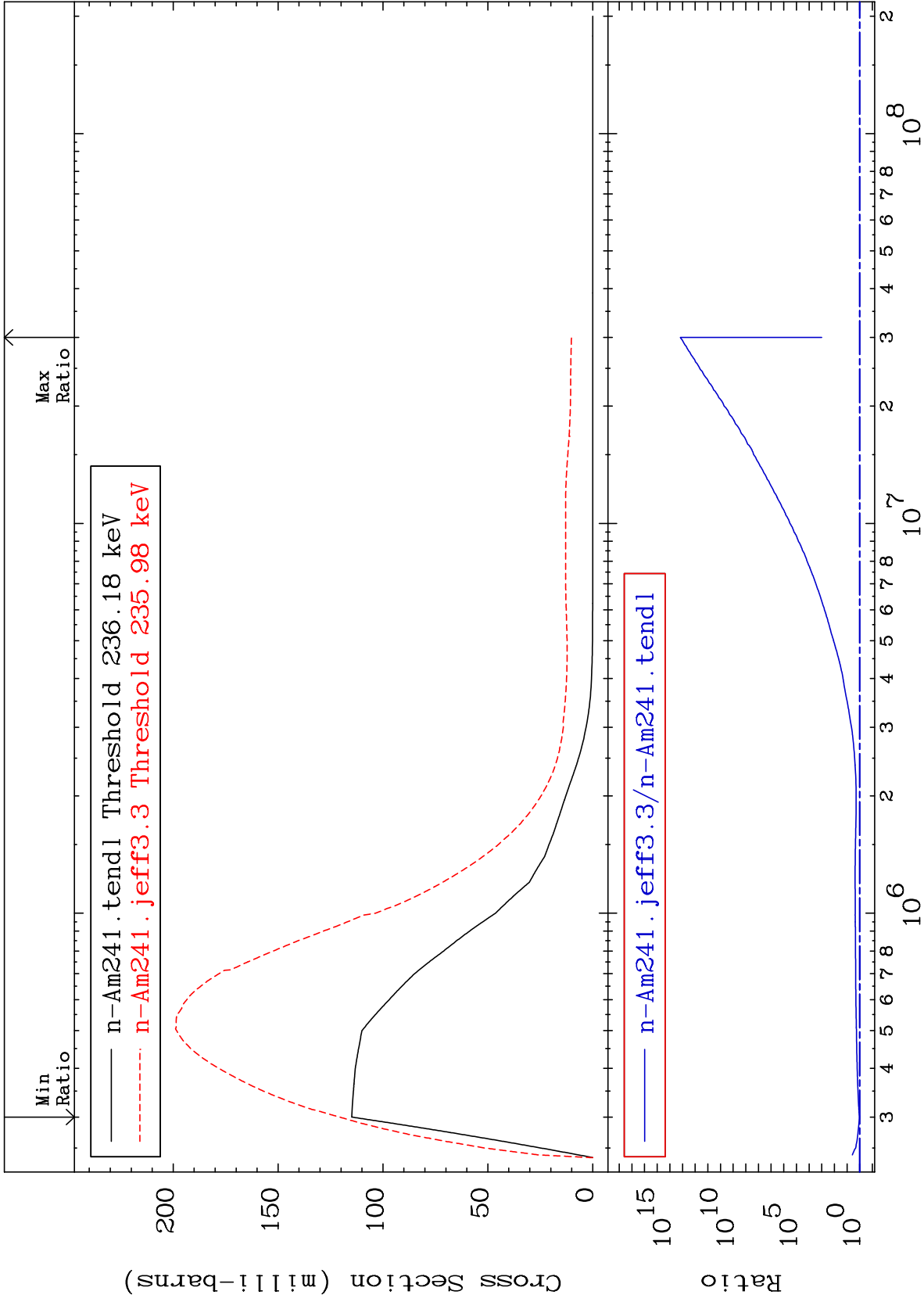
95-Am-241
-70.36 To 122.5 %



MAT 9543

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

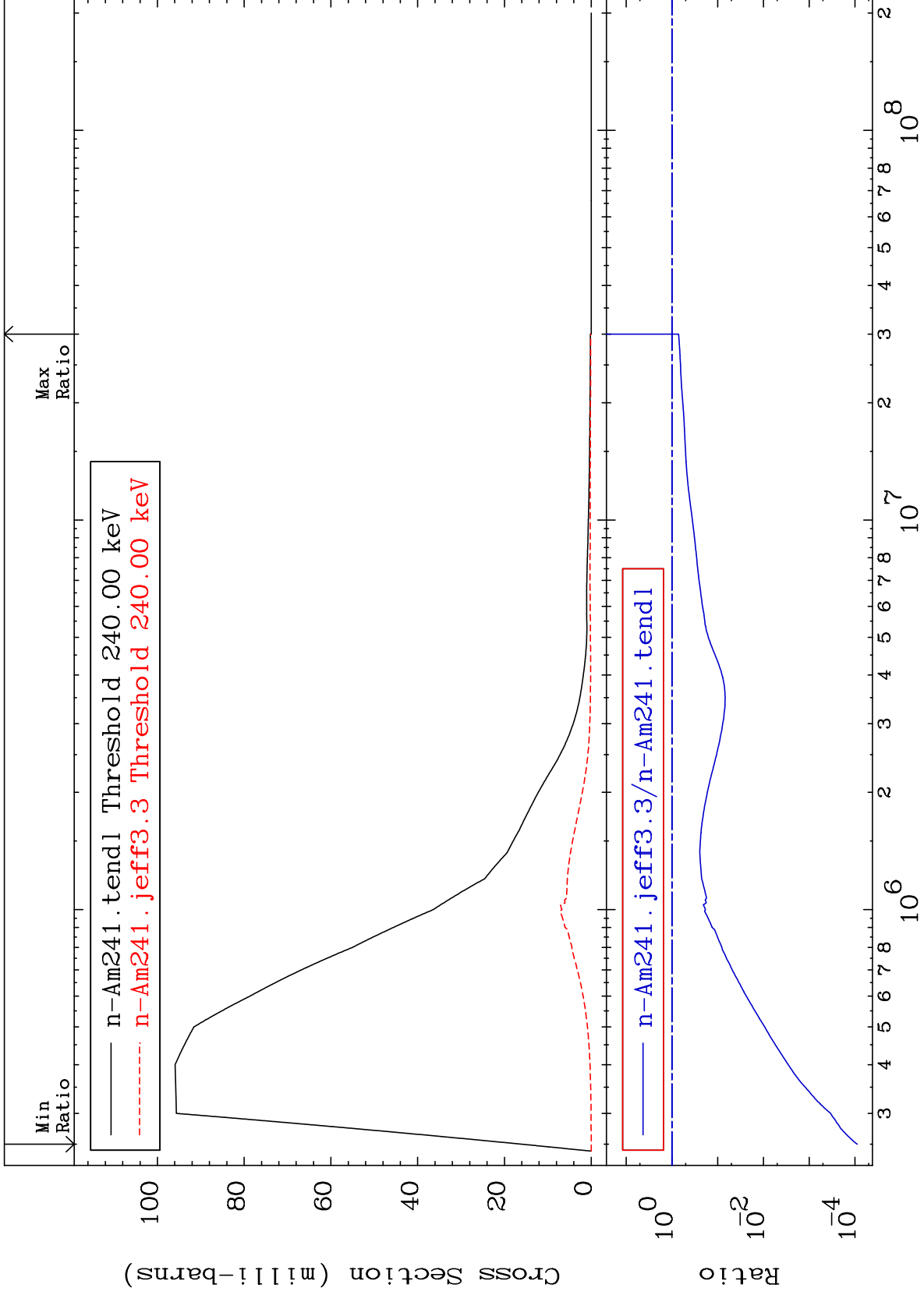
95-Am-241
4.960 To 9999. %



MAT 9543

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

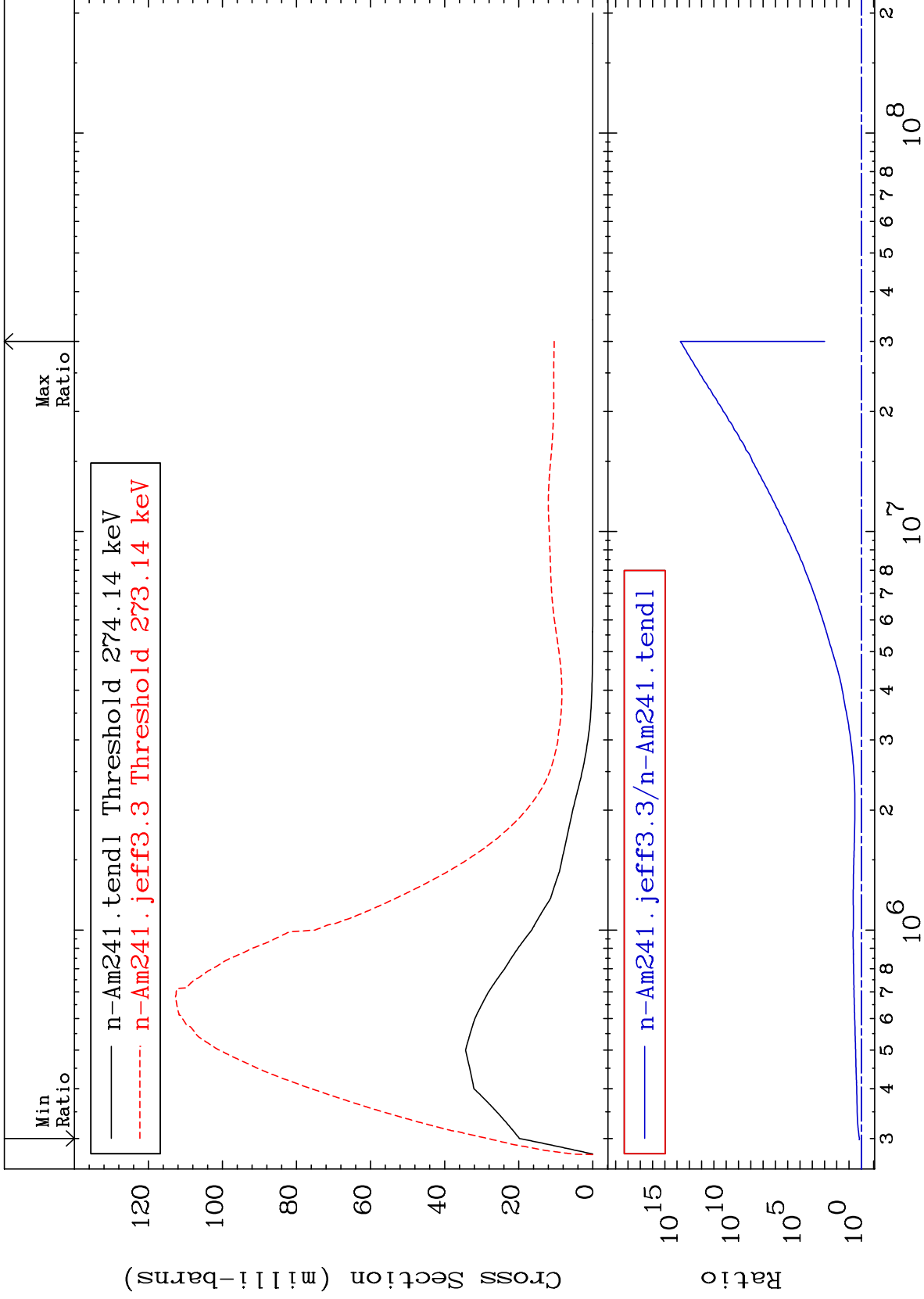
95-Am-241
-99.99 To -28.83%



MAT 9543

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

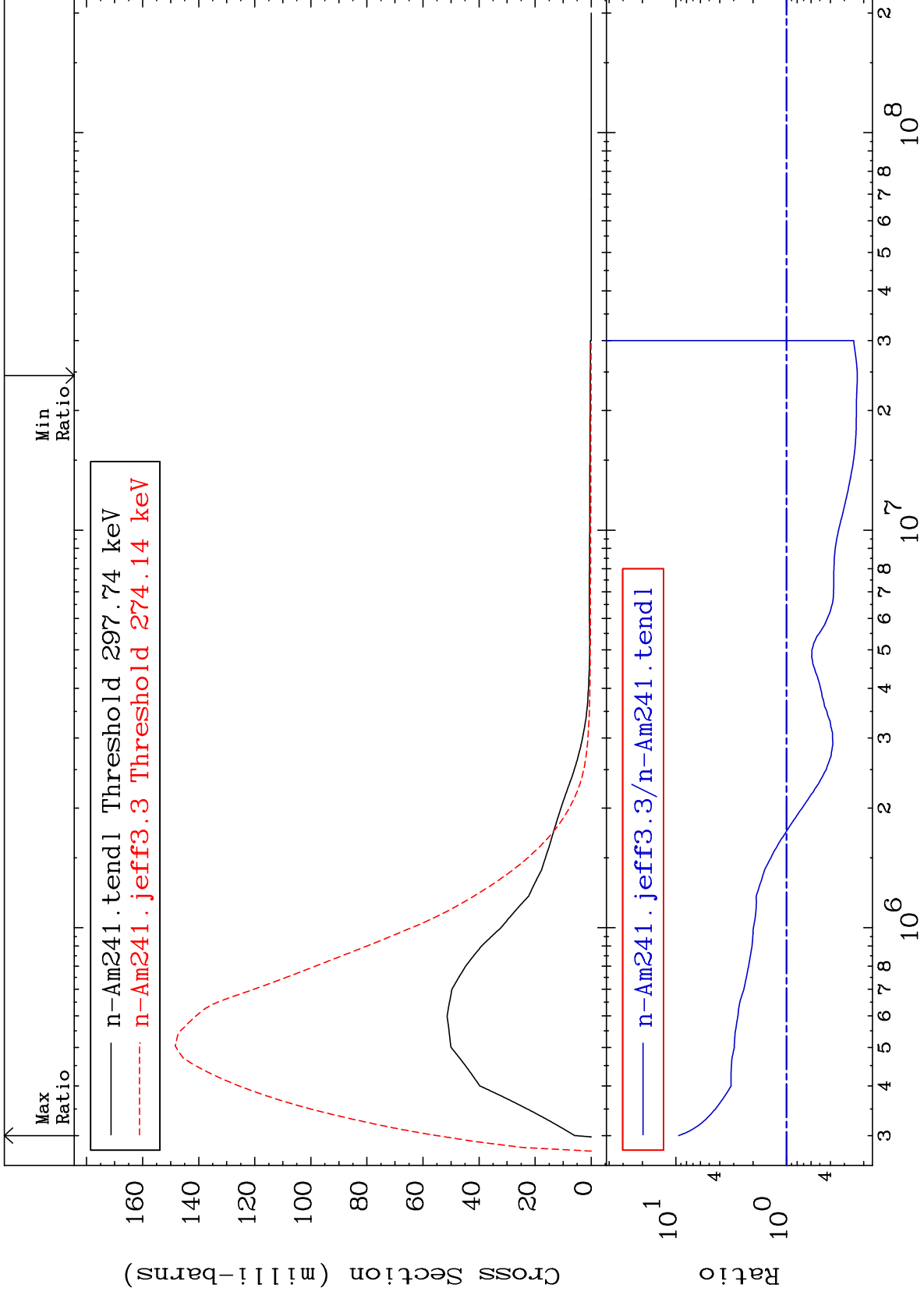
95-Am-241
43.67 To 9999. %



MAT 9543

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

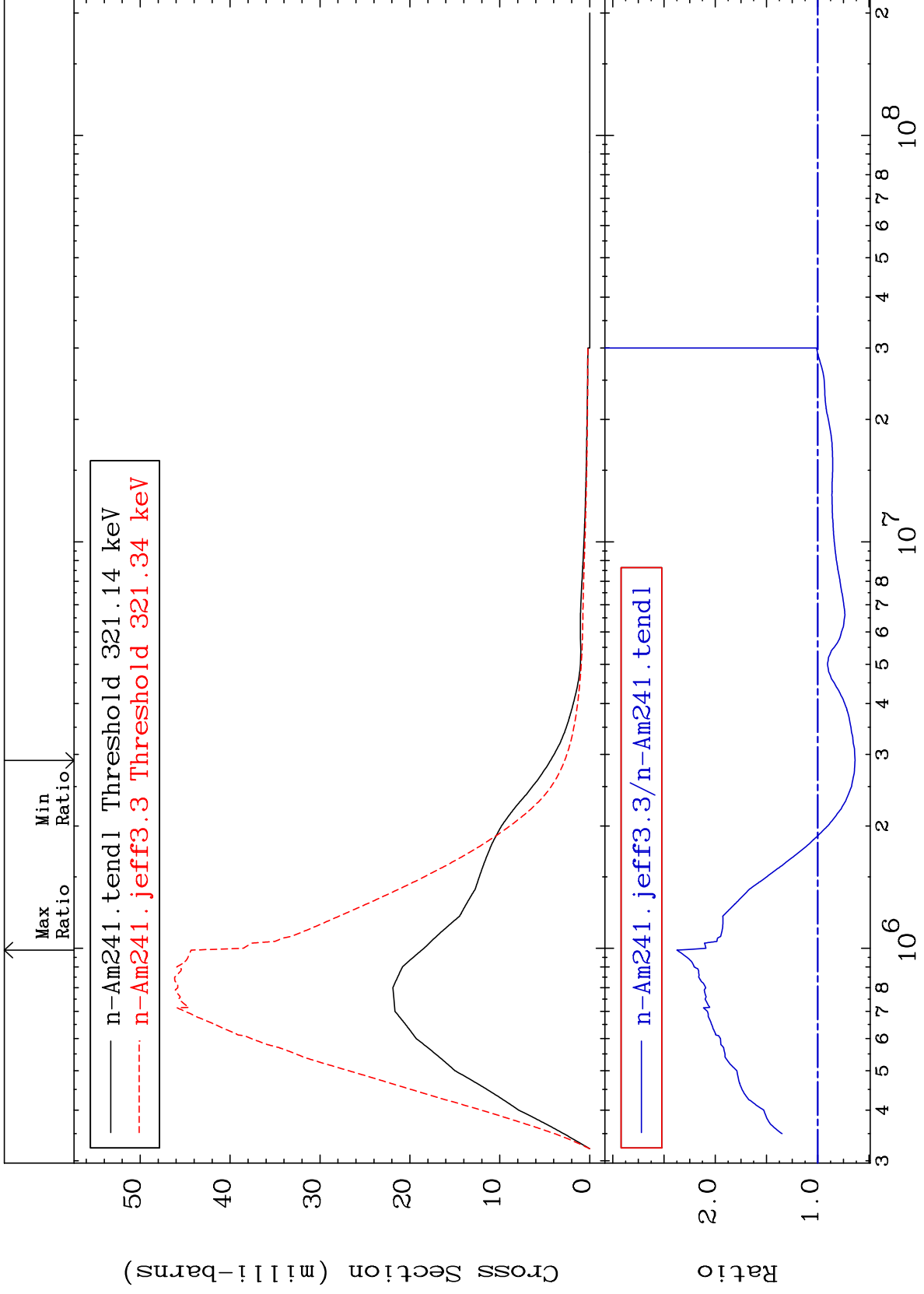
95-Am-241
-77.09 To 842.4 %



MAT 9543

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

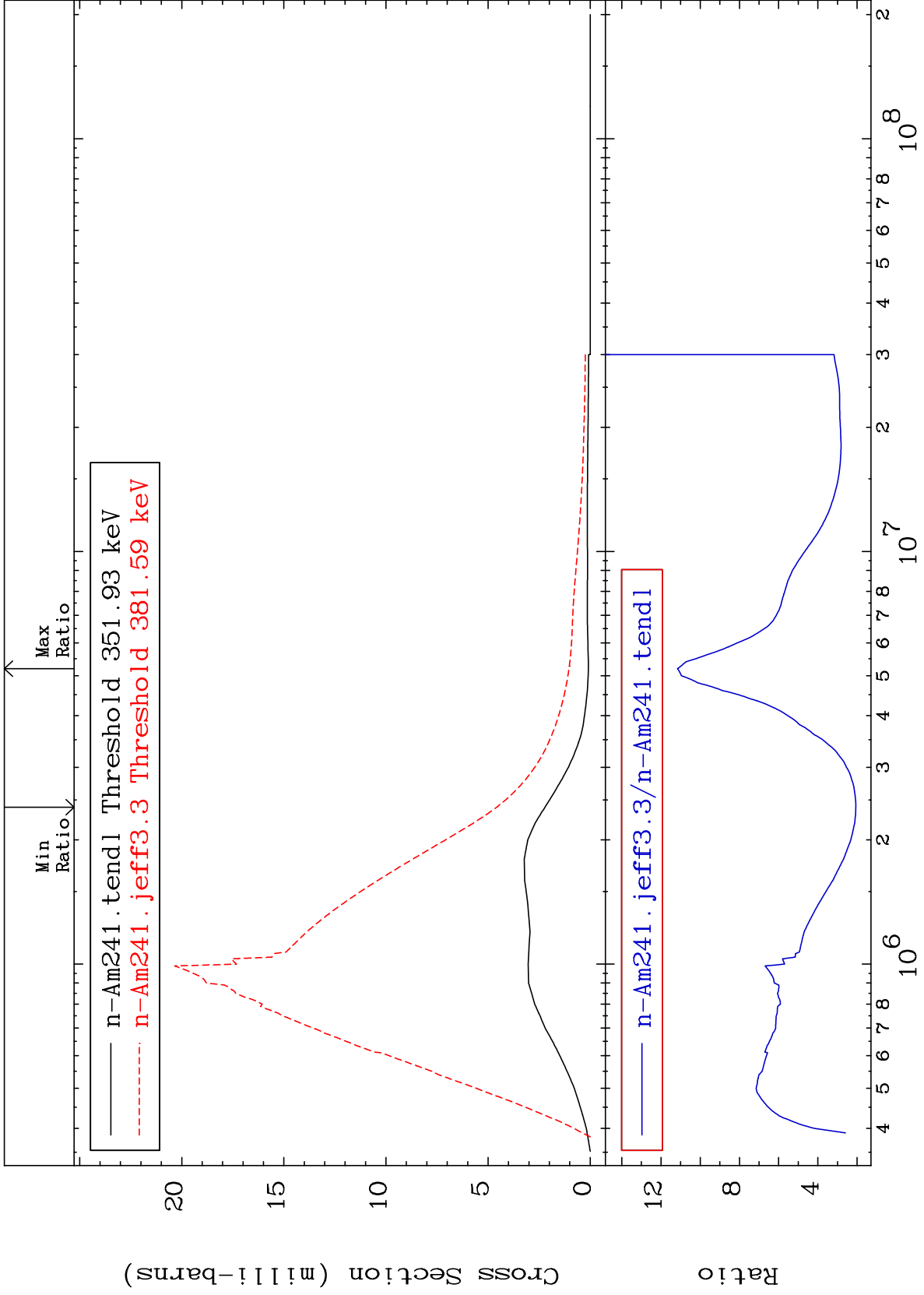
95-Am-241
-36.37 To 137.4 %



MAT 9543

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

95-Am-241
106.7 To 1016. %



24

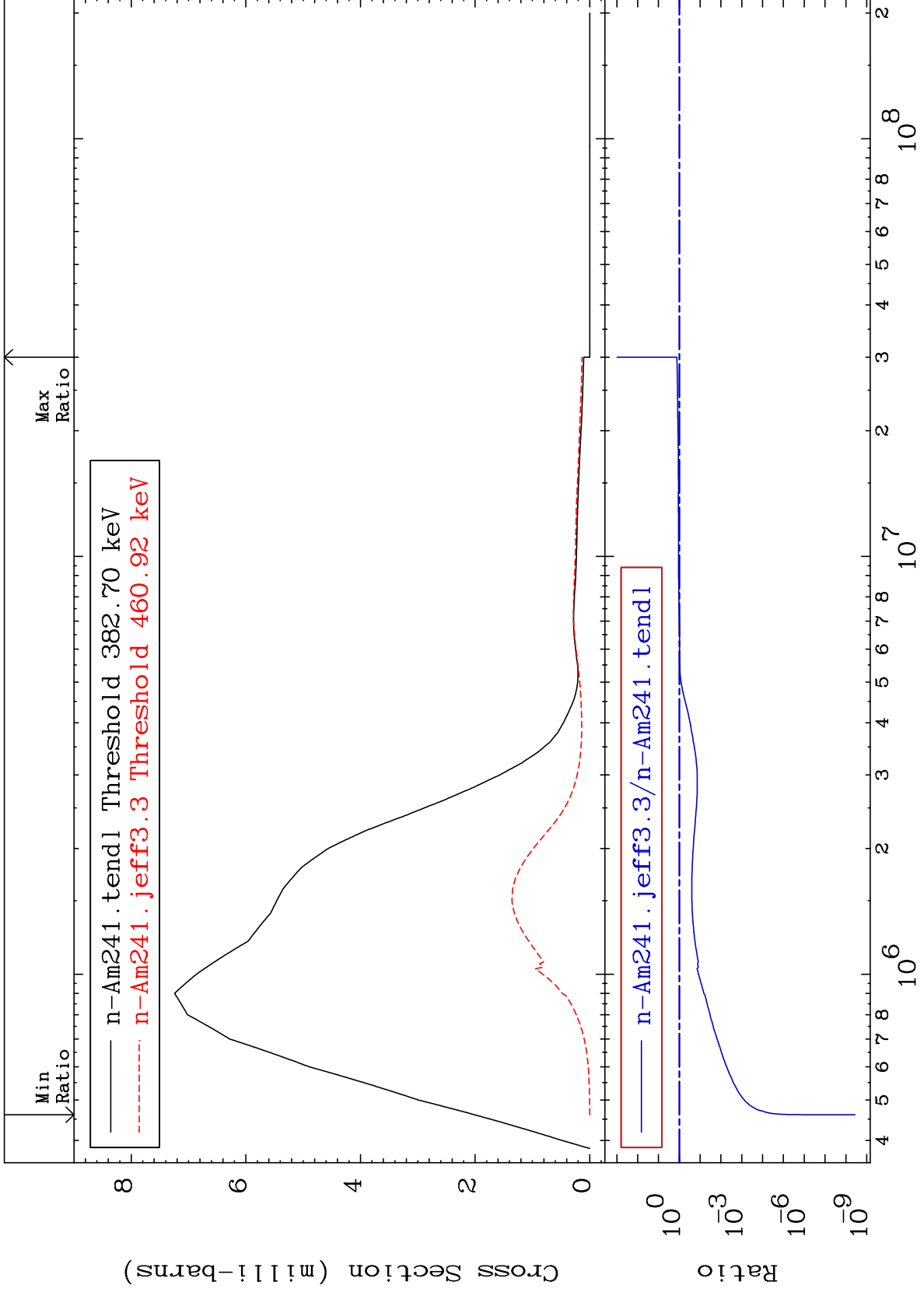
Incident Energy (eV)

95-Am-241

MAT 9543

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

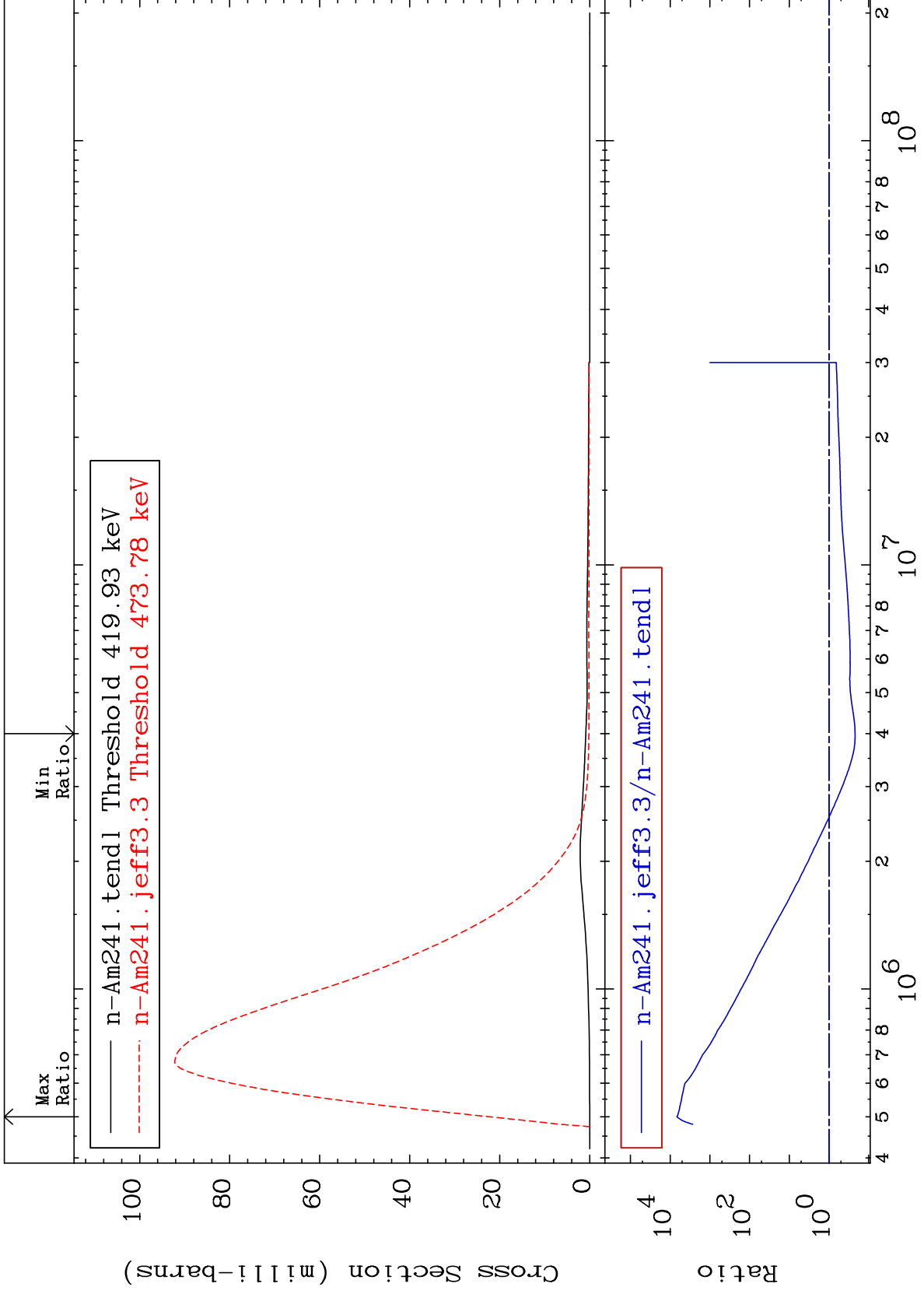
95-Am-241
-100.0 To 30.14 %



MAT 9543

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

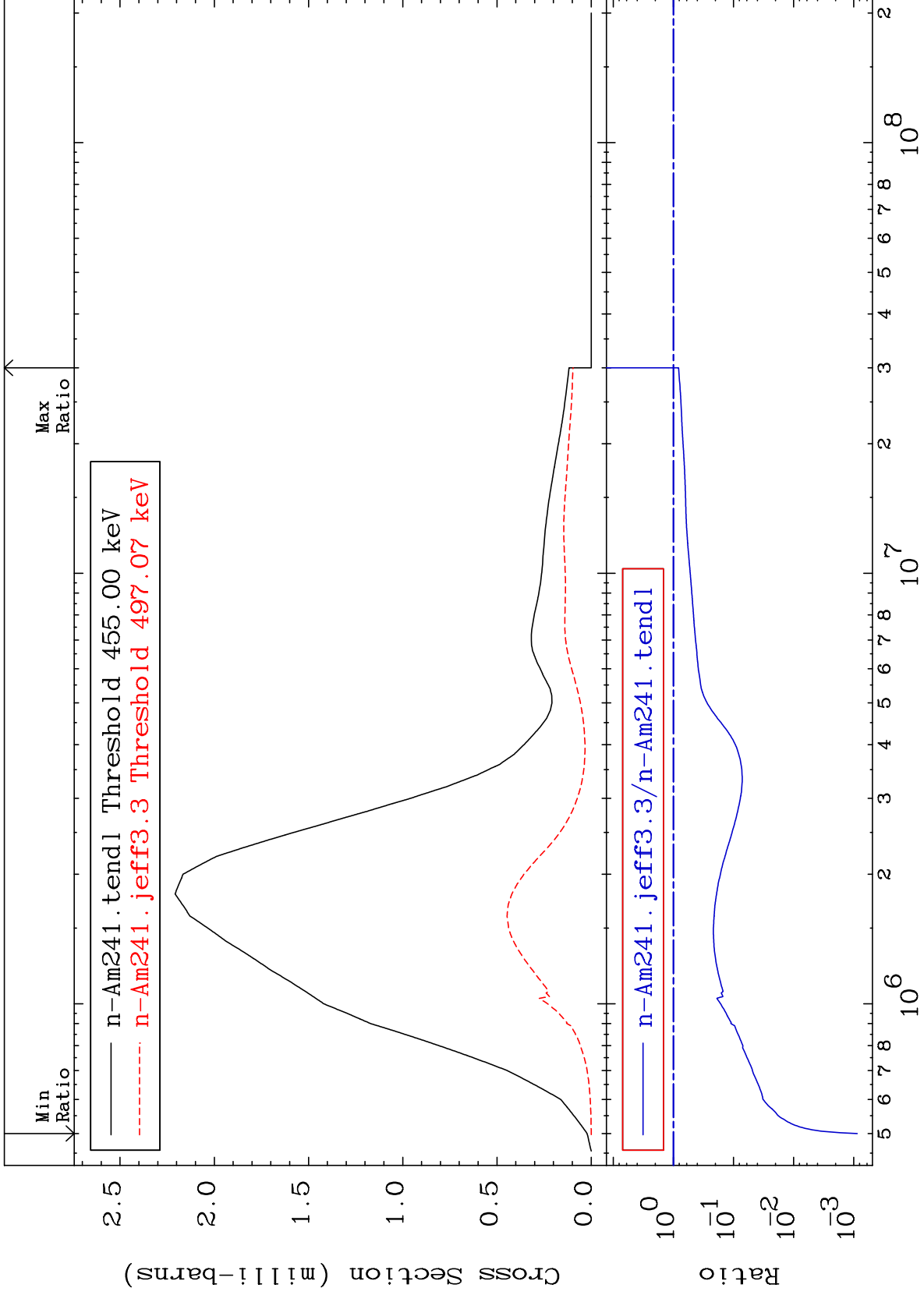
95-Am-241
-78.04 To 9999. %



MAT 9543

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

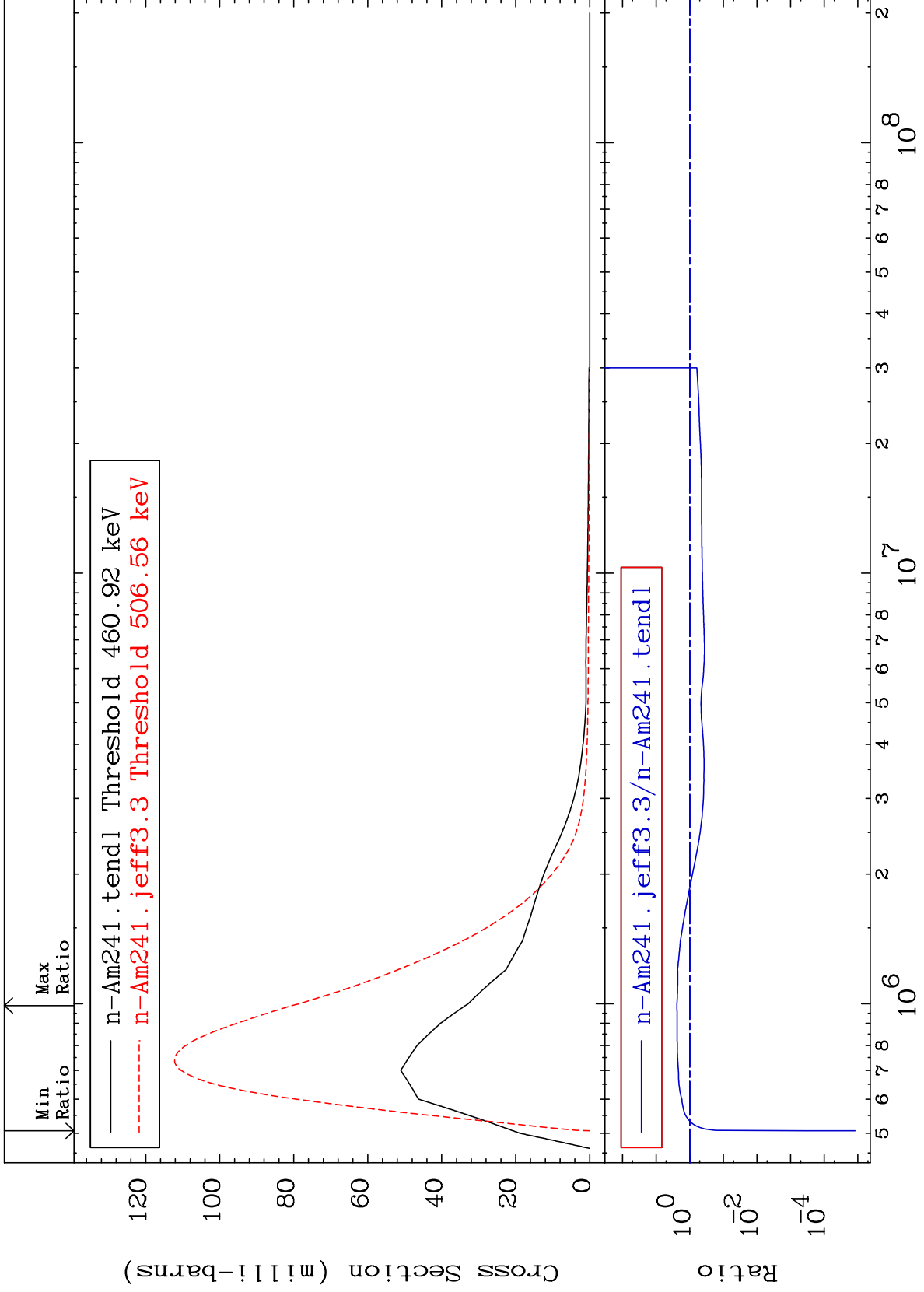
95-Am-241
-99.91 To -18.44%



MAT 9543

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

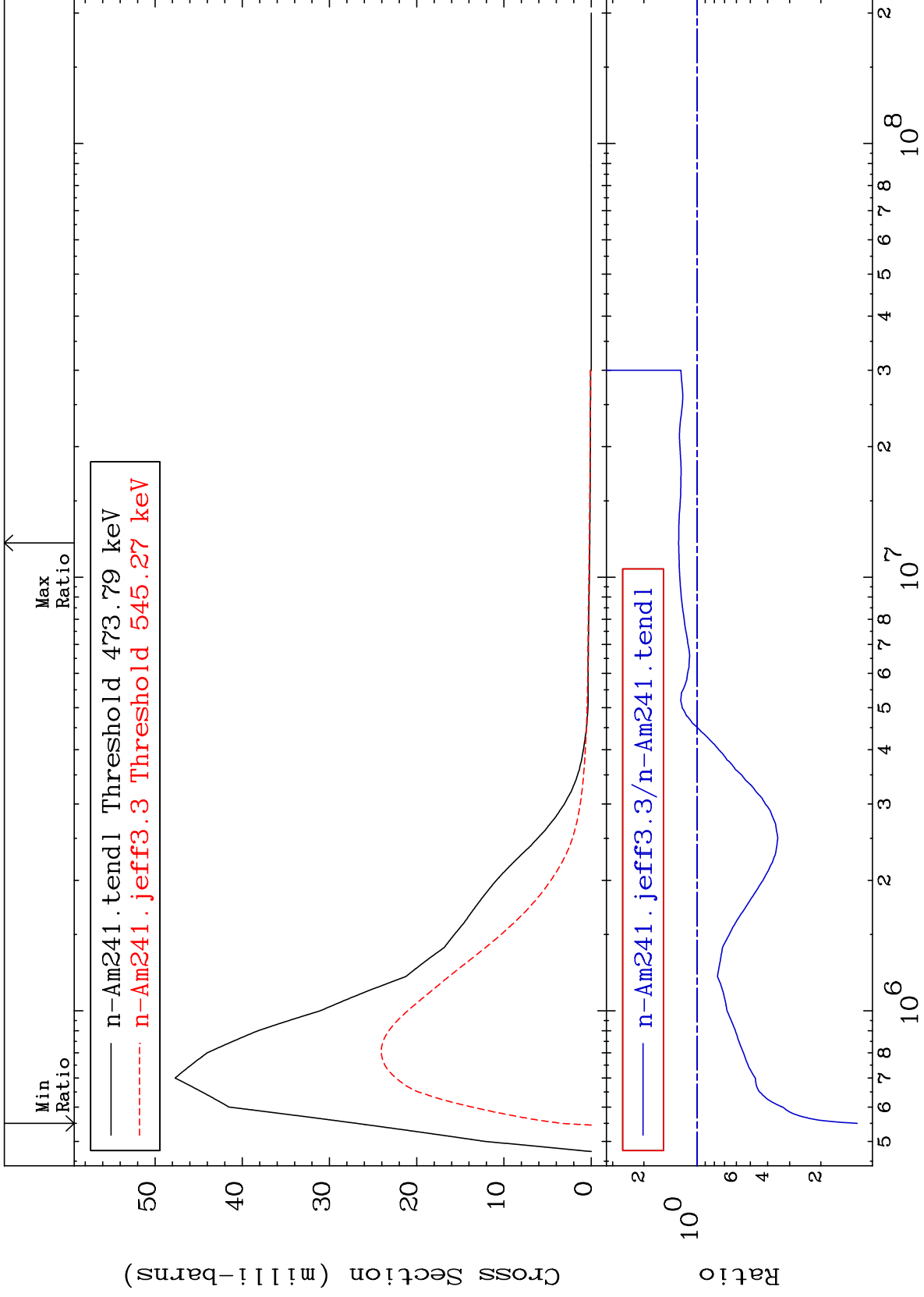
95-Am-241
-100.0 To 139.6 %



MAT 9543

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

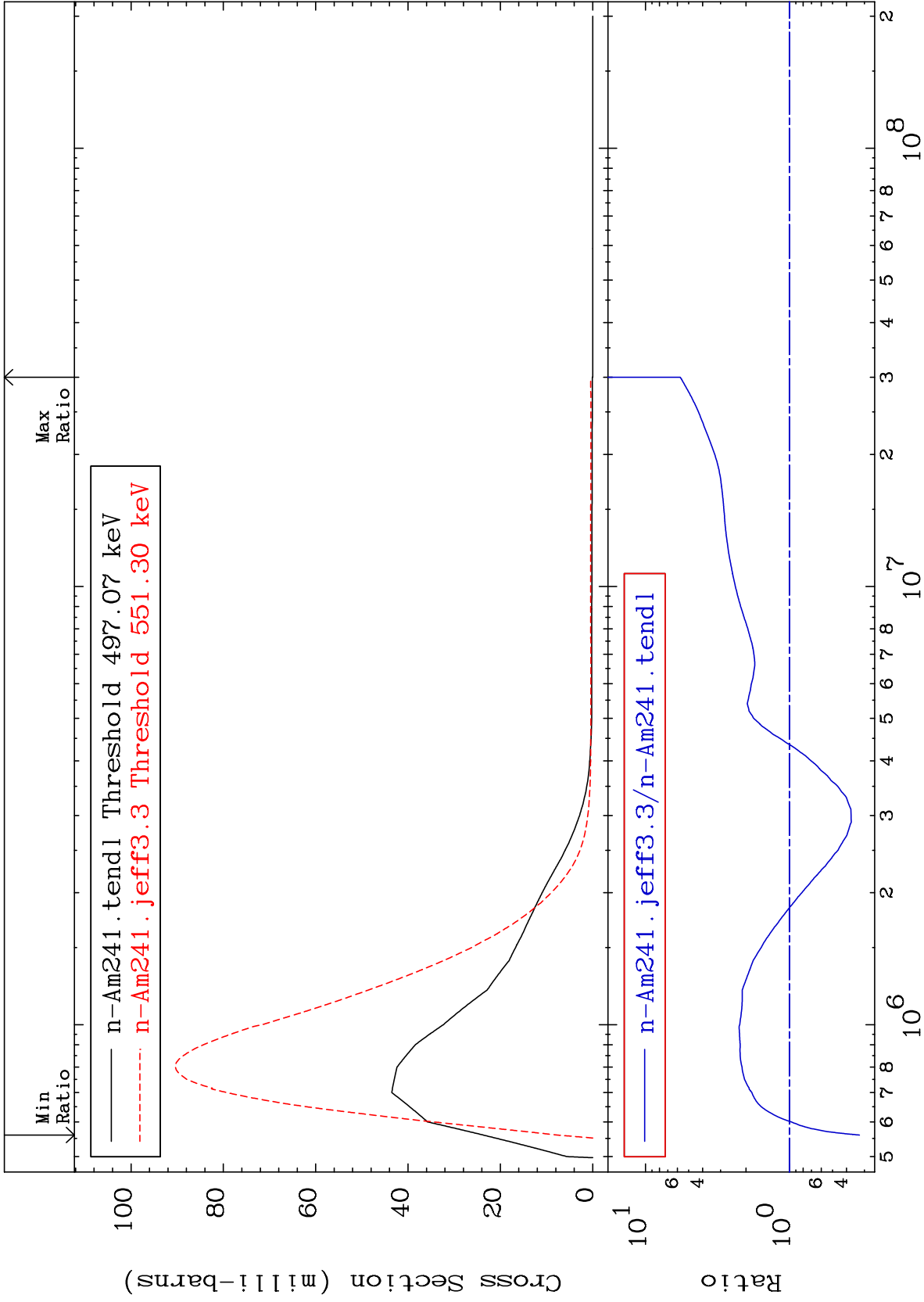
95-Am-241
-87.57 To 27.24 %



MAT 9543

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

95-Am-241
-67.47 To 471.9 %



30

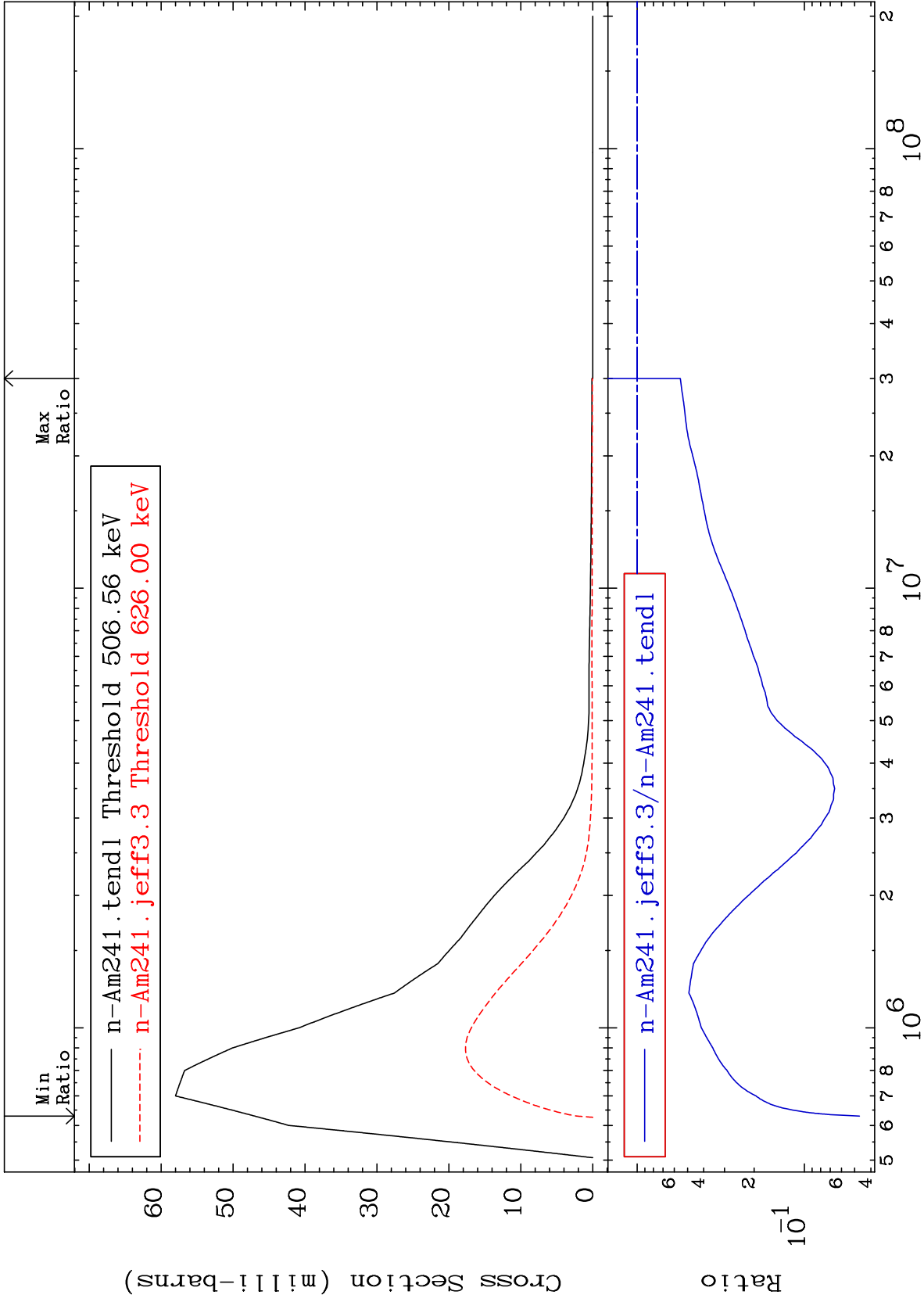
Incident Energy (eV)

95-Am-241

MAT 9543

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

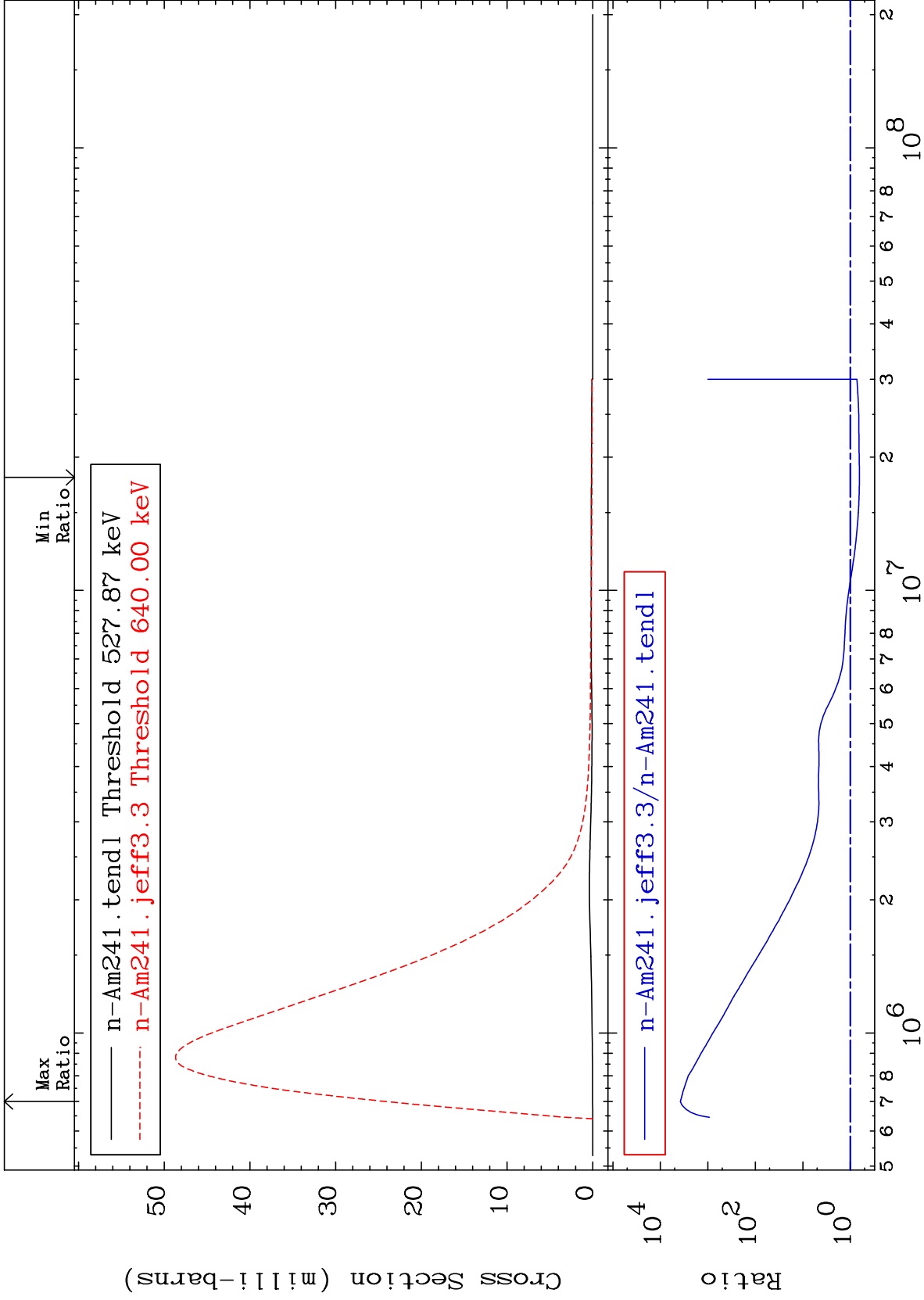
95-Am-241
-95.31 To -44.81%



MAT 9543

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

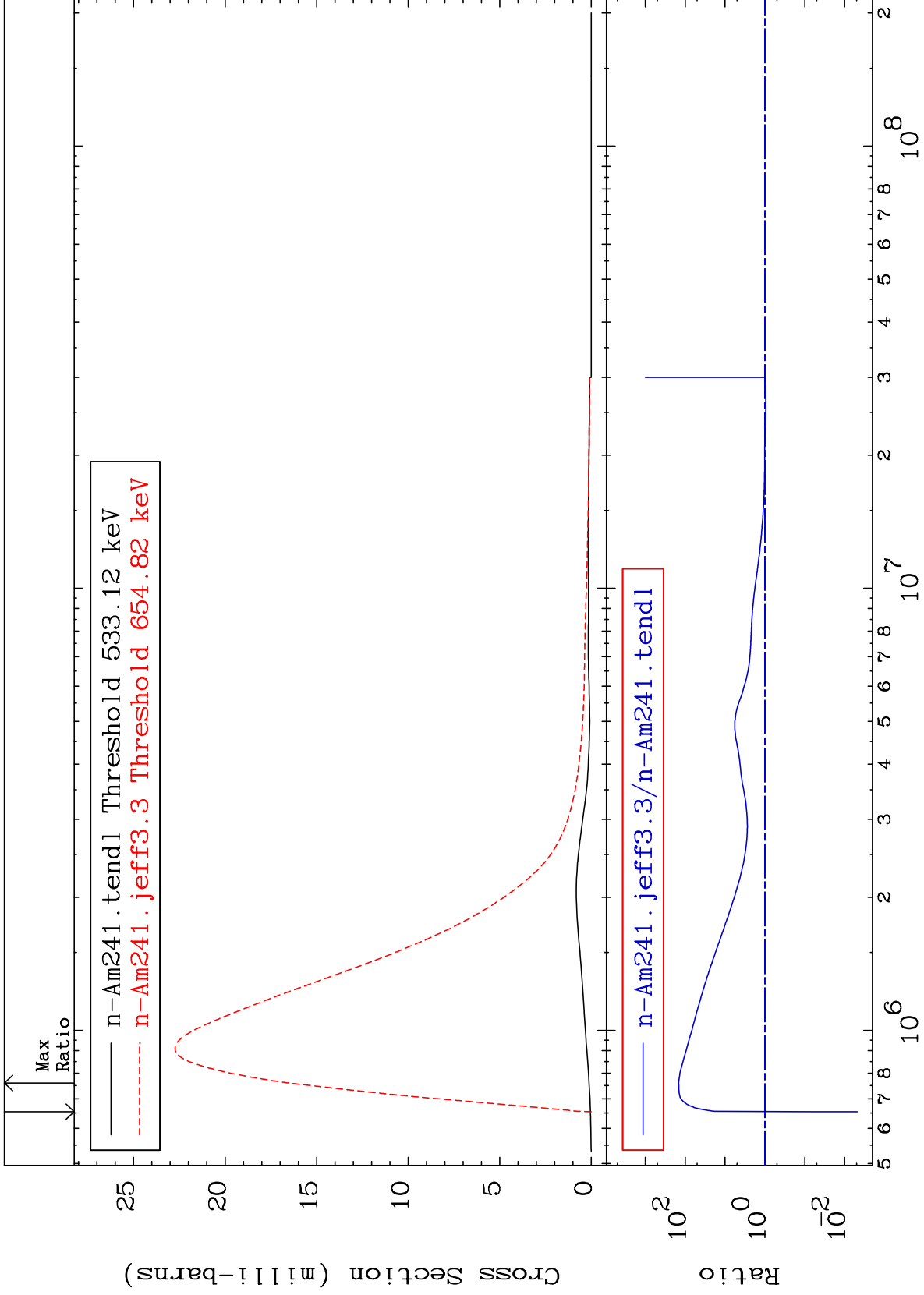
95-Am-241
-35.61 To 9999. %



MAT 9543

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

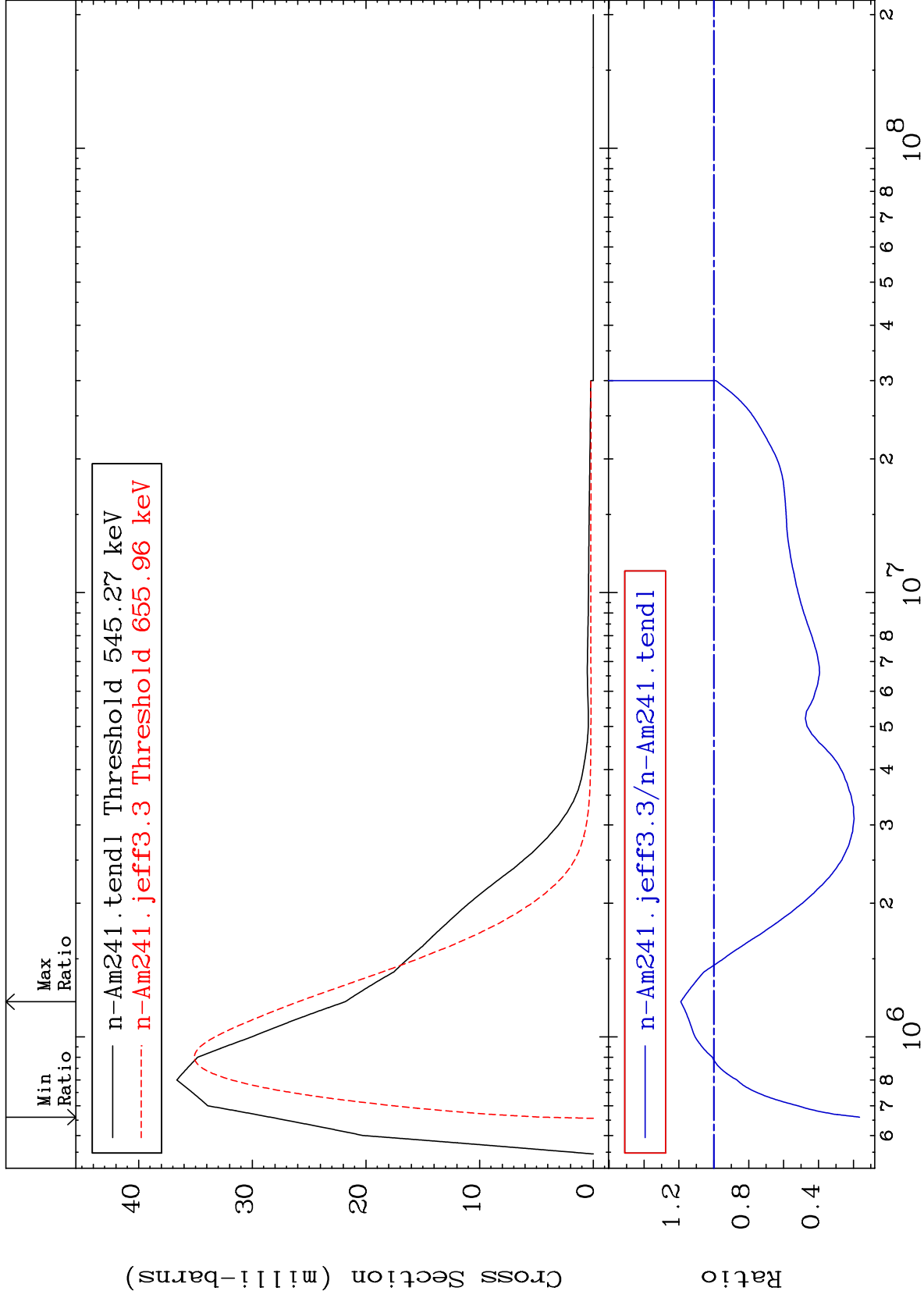
95-Am-241
-99.52 To 9999. %



MAT 9543

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

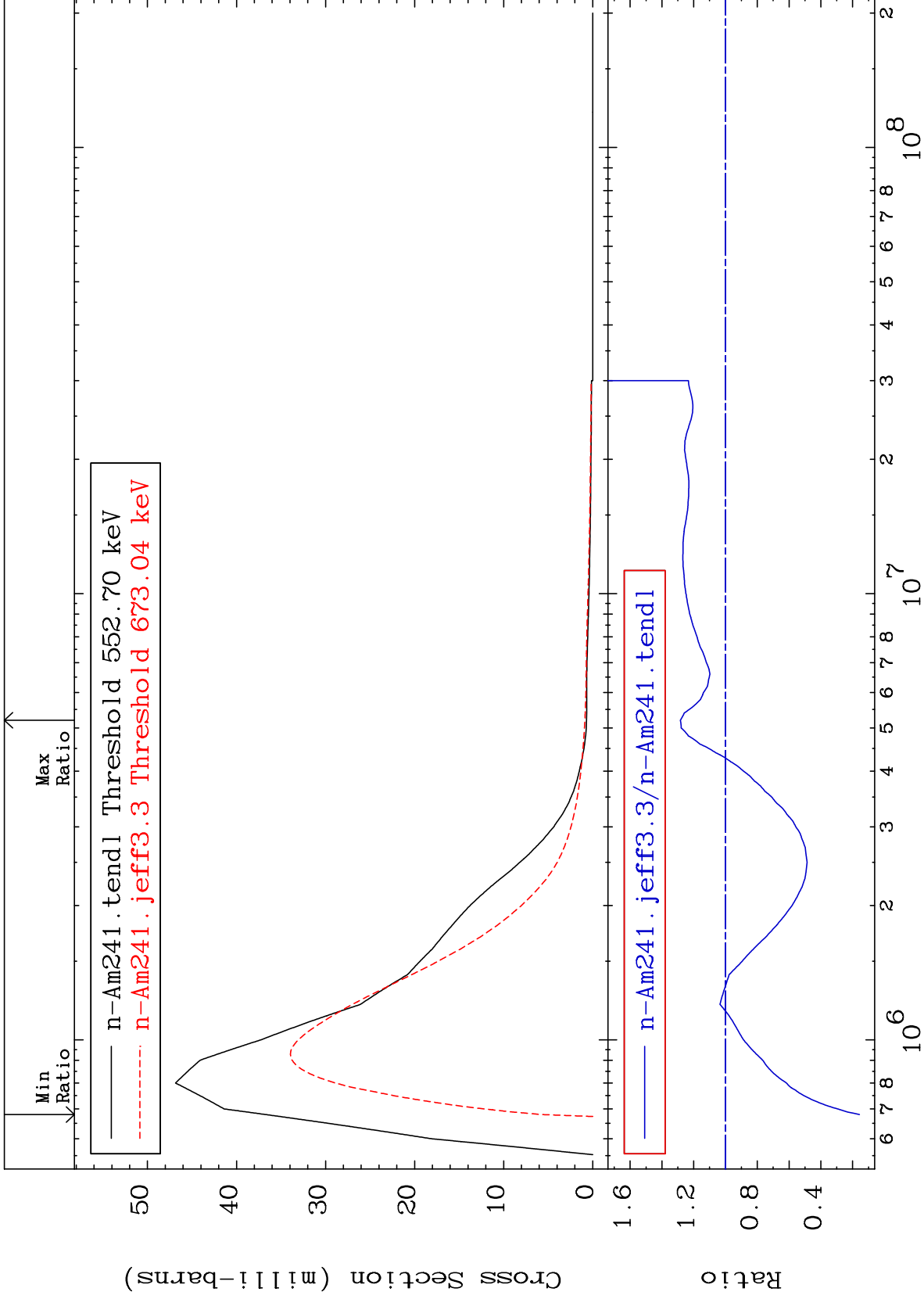
95-Am-241
-83.51 To 18.94 %



MAT 9543

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

95-Am-241
-84.29 To 28.41 %



35

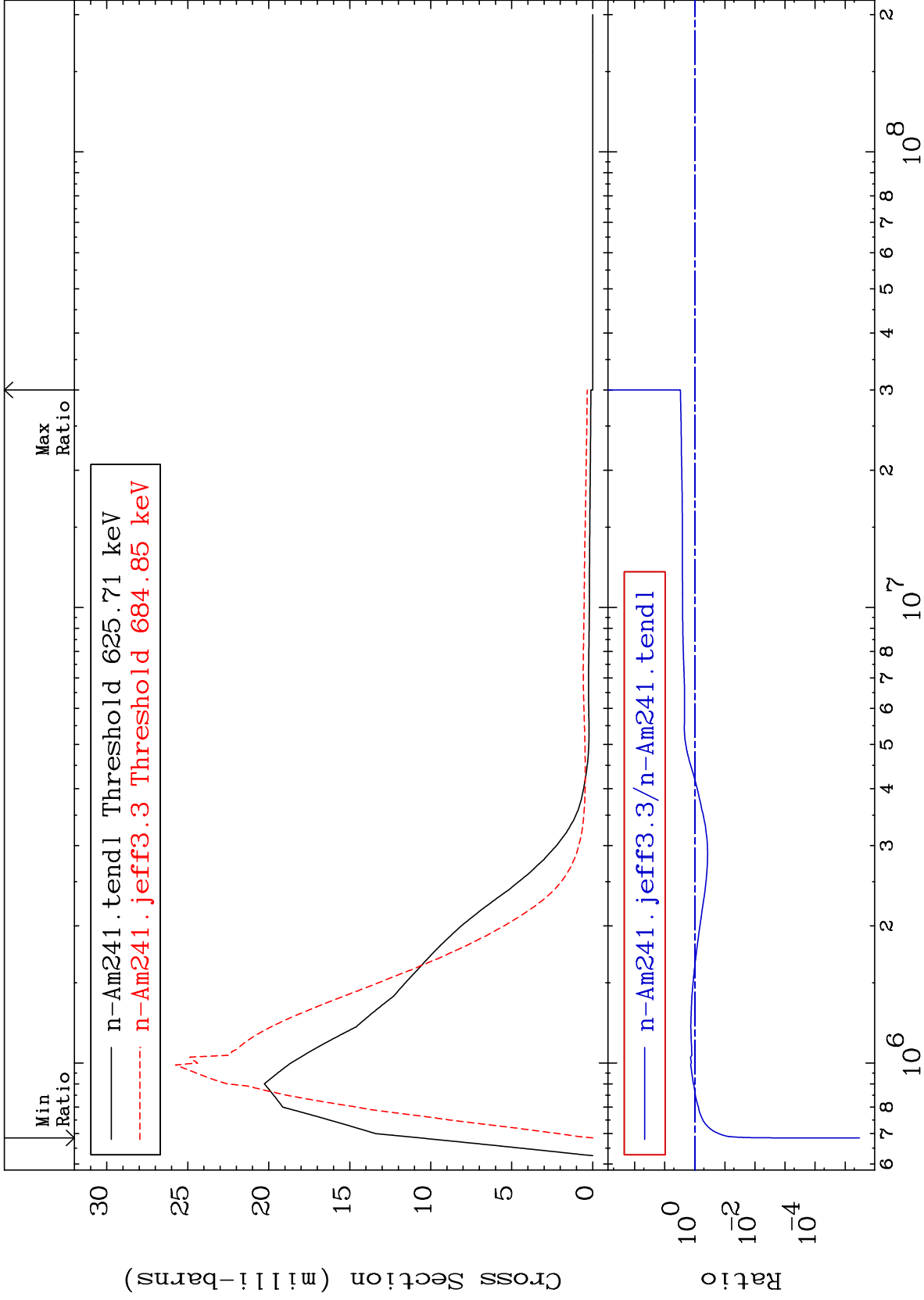
Incident Energy (eV)

95-Am-241

MAT 9543

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

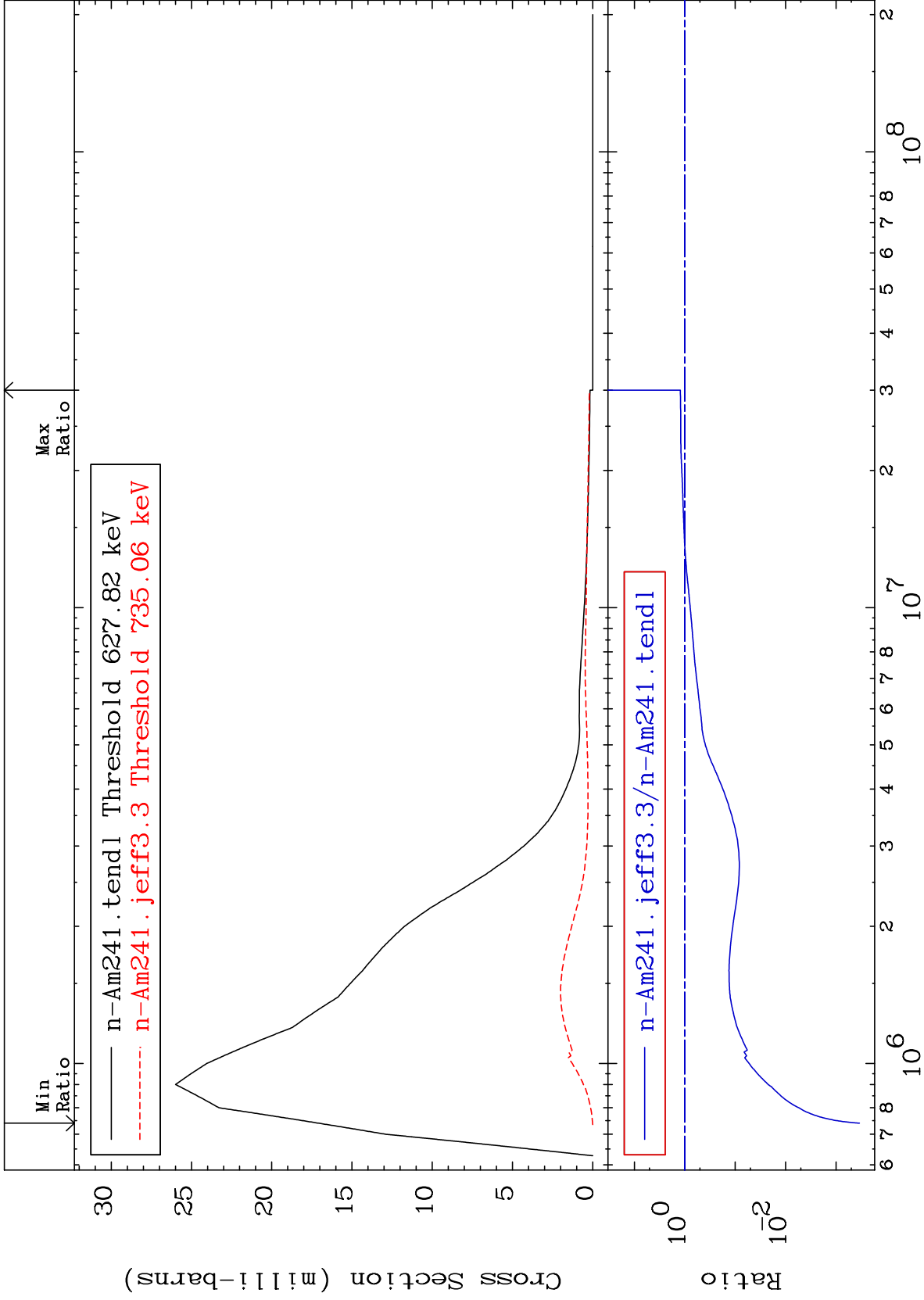
95-Am-241
-100.0 To 202.6 %



MAT 9543

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

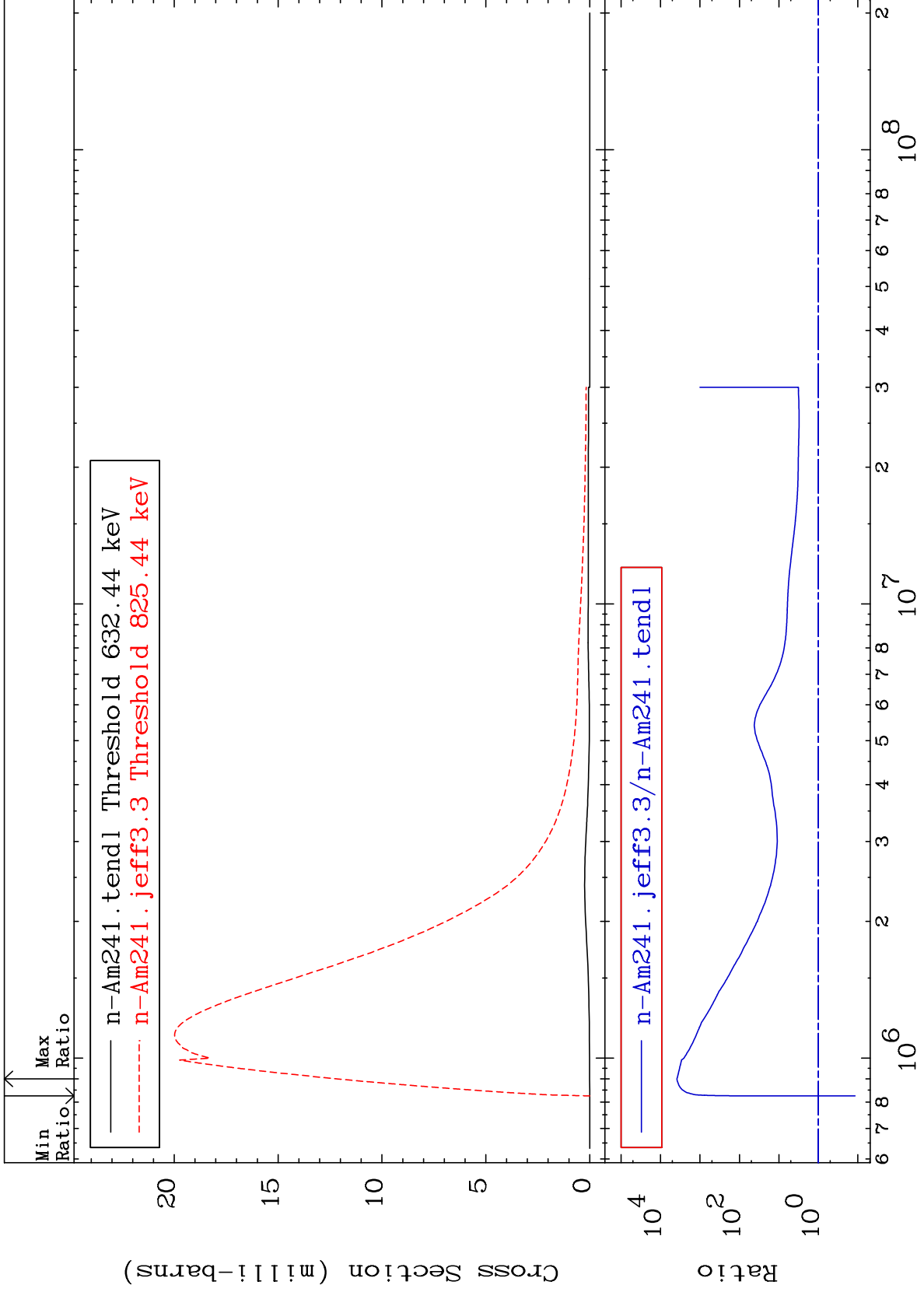
95-Am-241
-99.97 To 22.45 %



MAT 9543

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

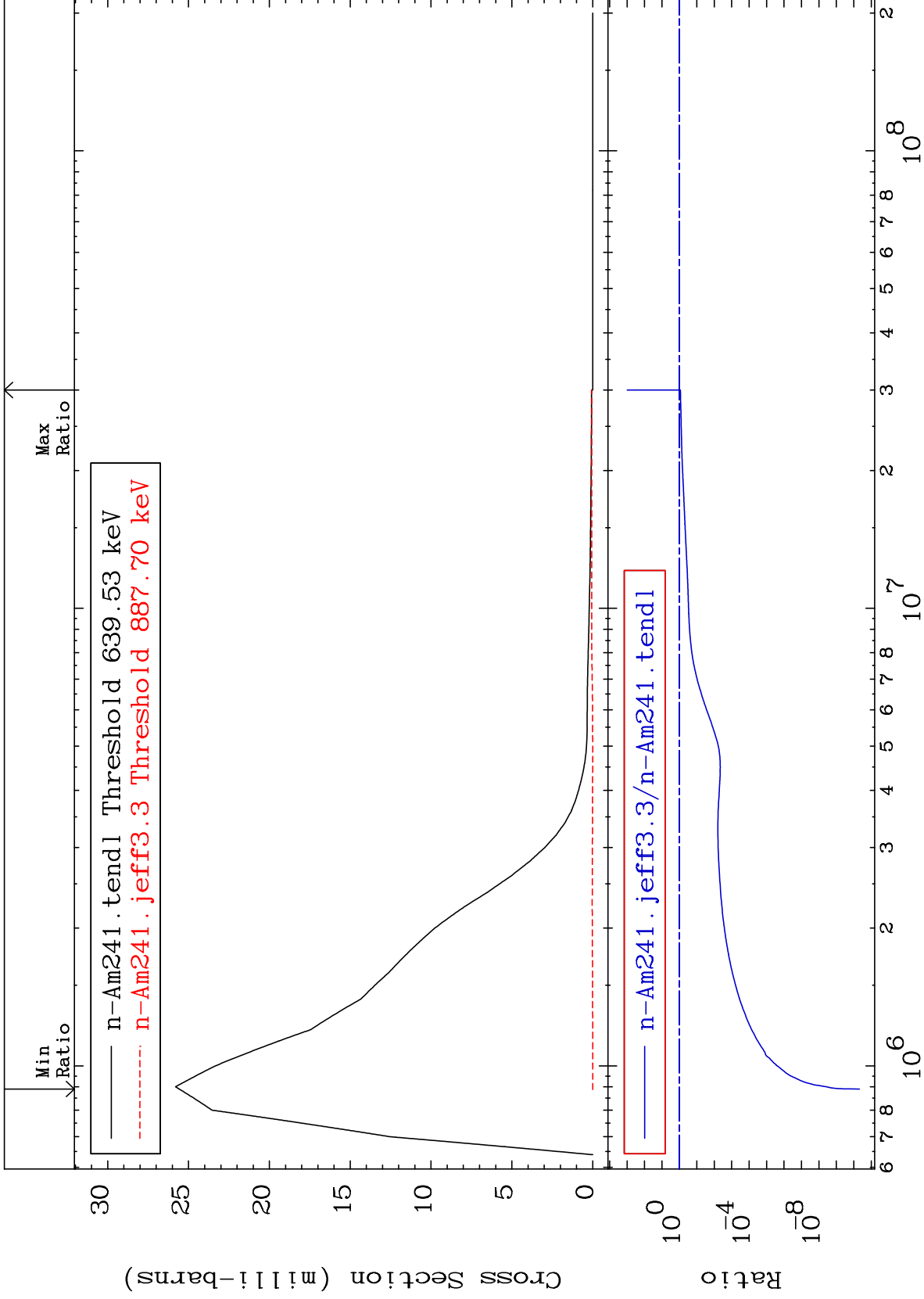
95-Am-241
-88.24 To 9999. %



MAT 9543

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

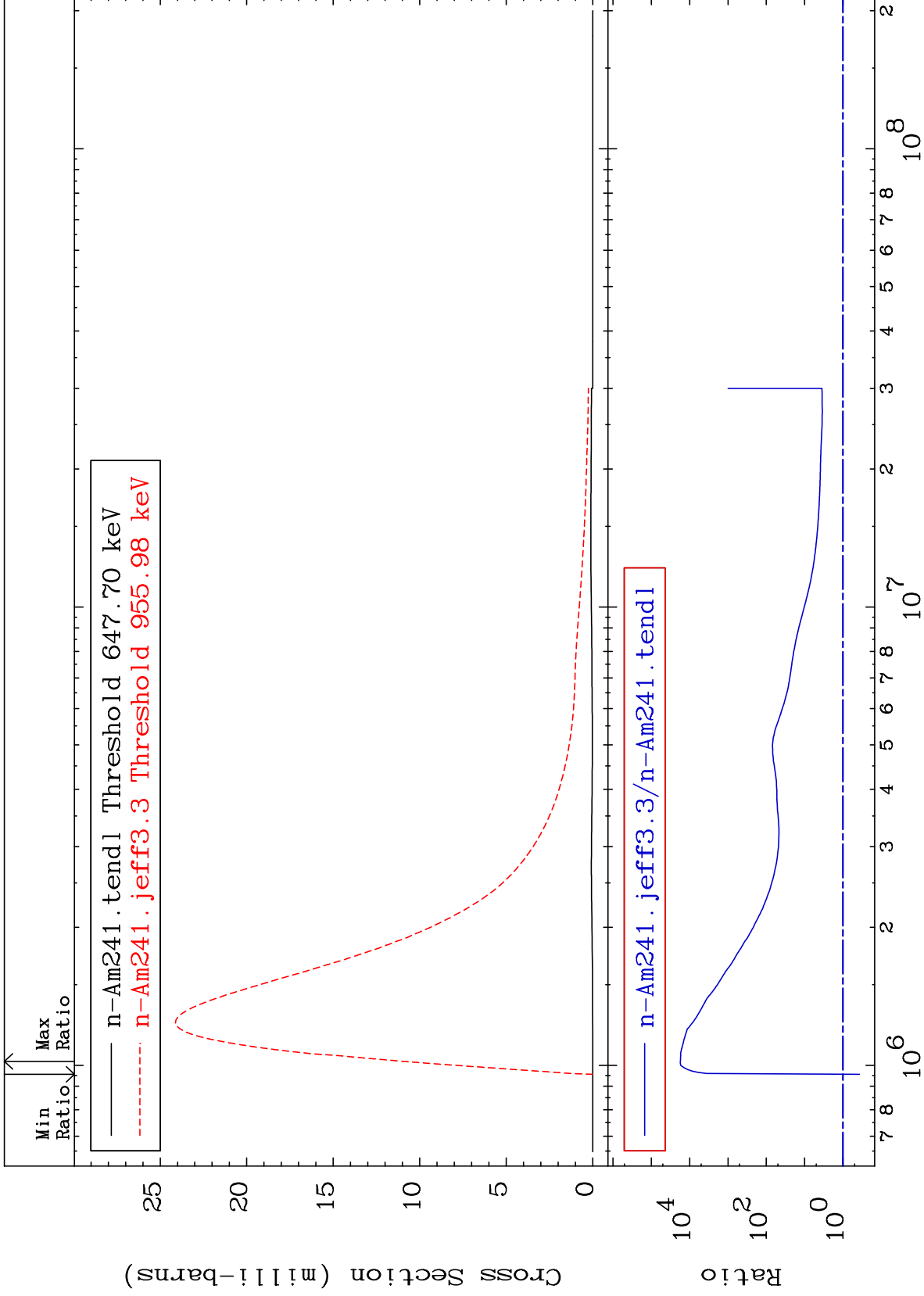
95-Am-241
-100.0 To -12.19%



MAT 9543

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

95-Am-241
-62.72 To 9999. %



40

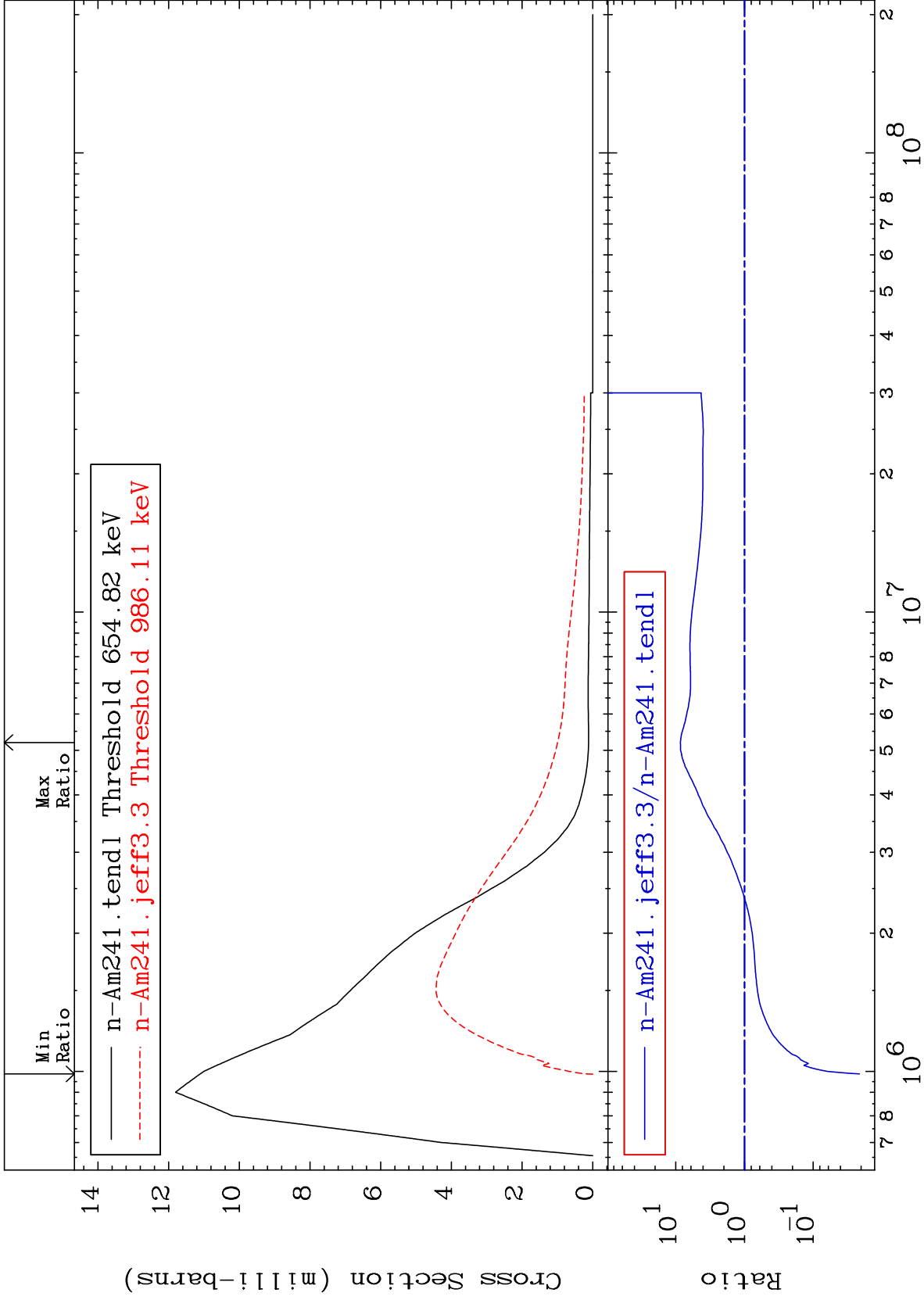
Incident Energy (eV)

95-Am-241

MAT 9543

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

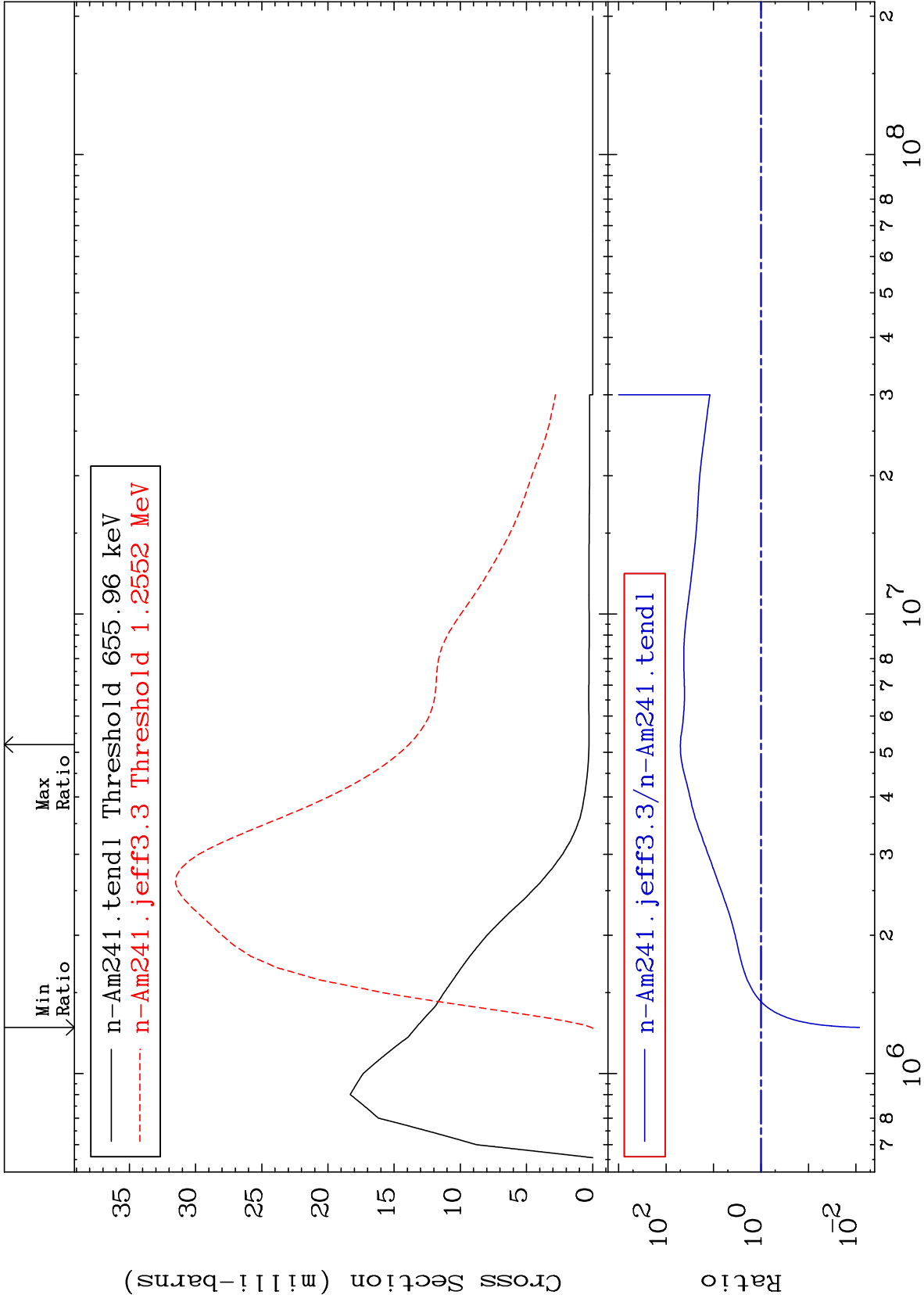
95-Am-241
-97.88 To 757.7 %



MAT 9543

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

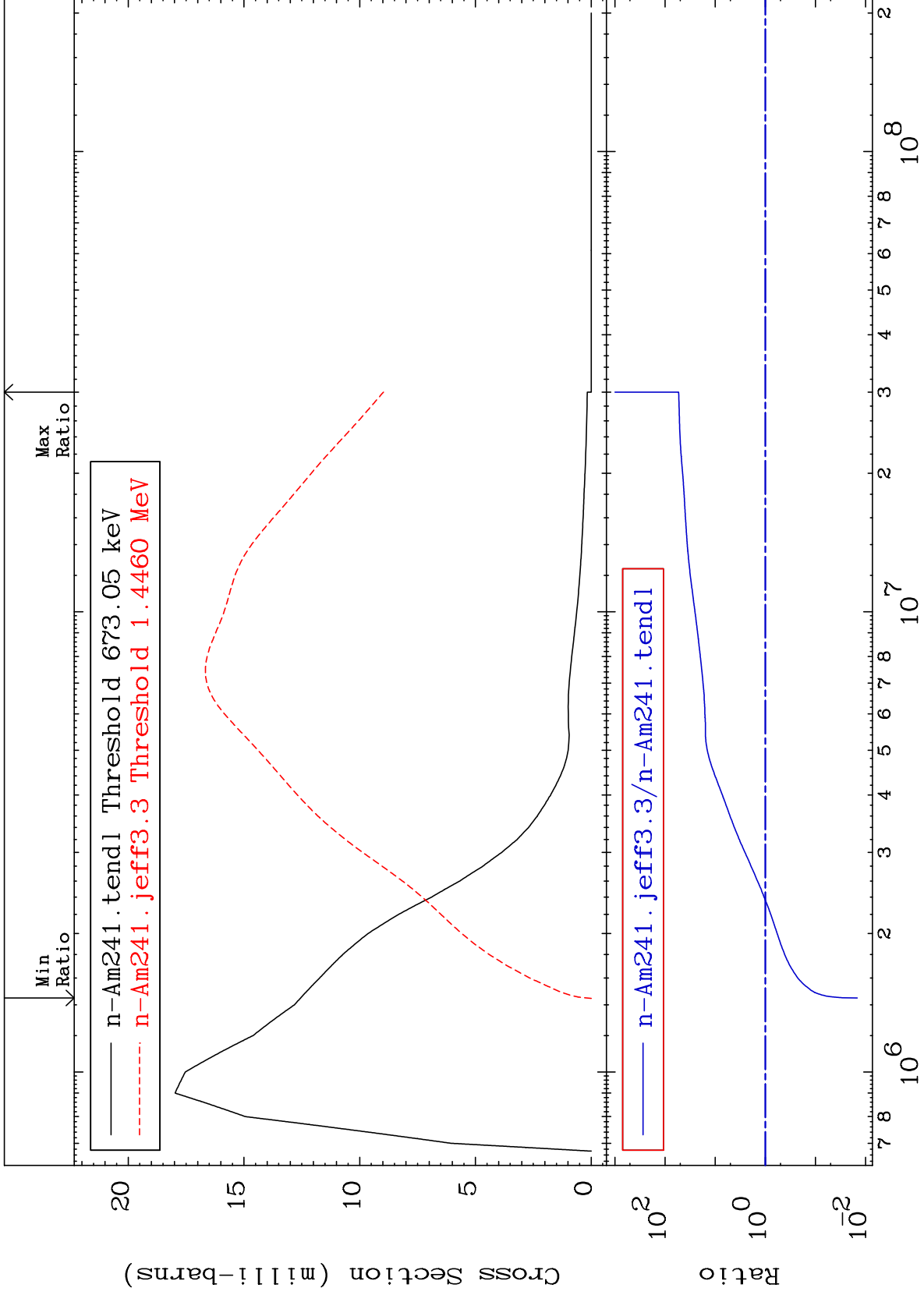
95-Am-241
-99.16 To 4901. %



MAT 9543

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

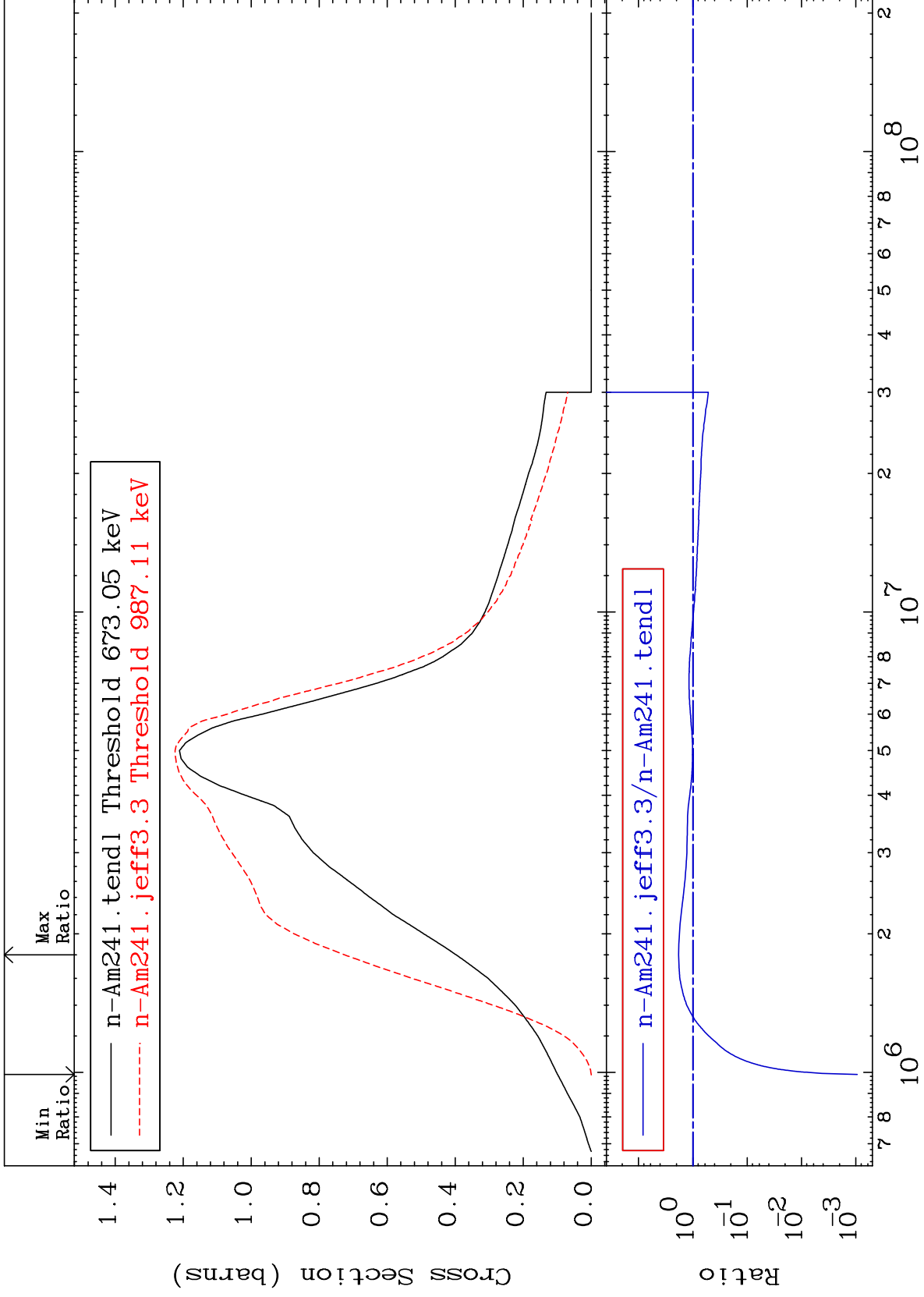
95-Am-241
-98.53 To 5261. %



MAT 9543

(n, n') Continuum
Cross Section

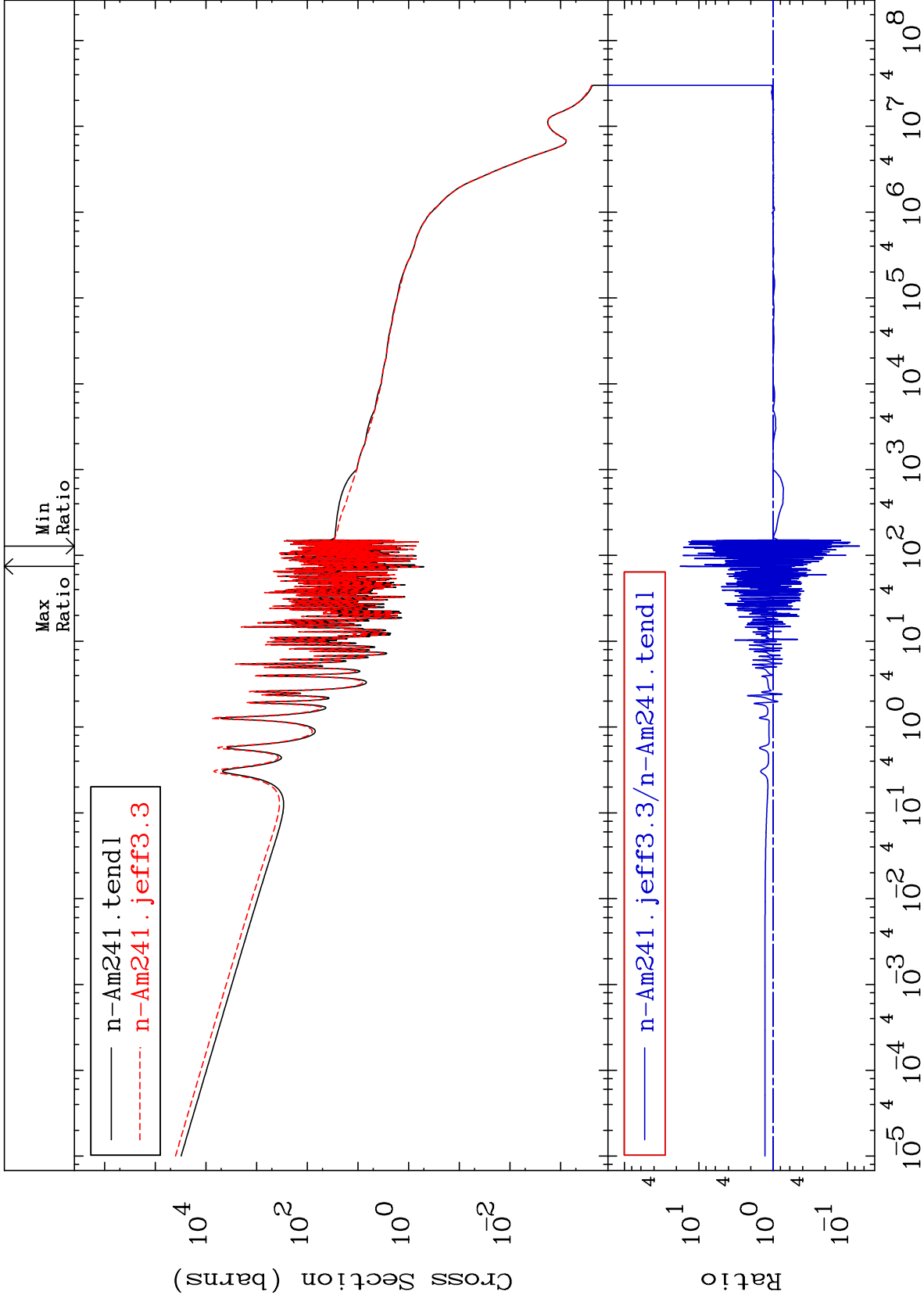
95-Am-241
-99.91 To 82.73 %



MAT 9543

(n, γ)
Cross Section

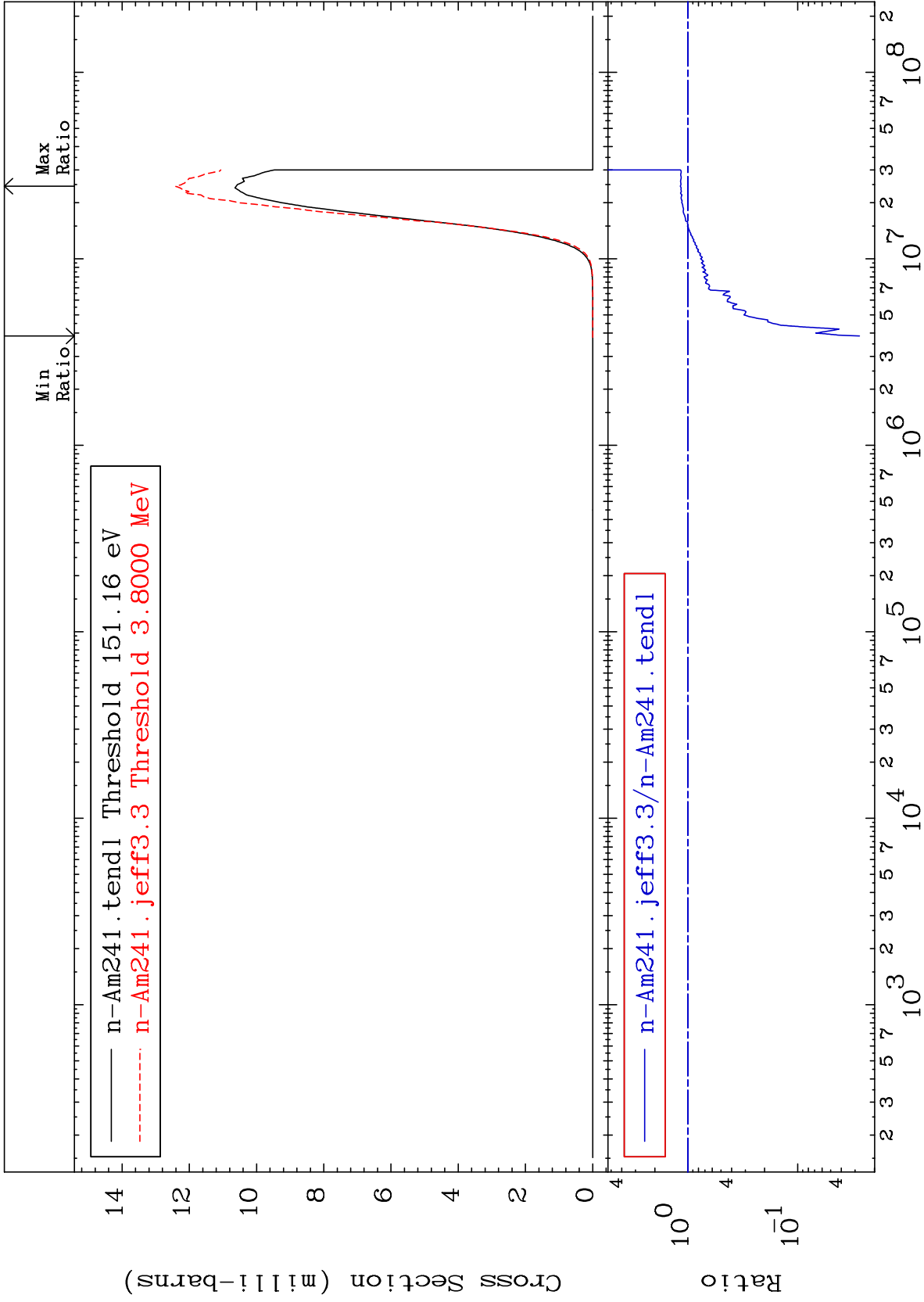
95-Am-241
-93.07 To 1671. %



MAT 9543

(n,p)
Cross Section

95-Am-241
-97.26 To 17.06 %



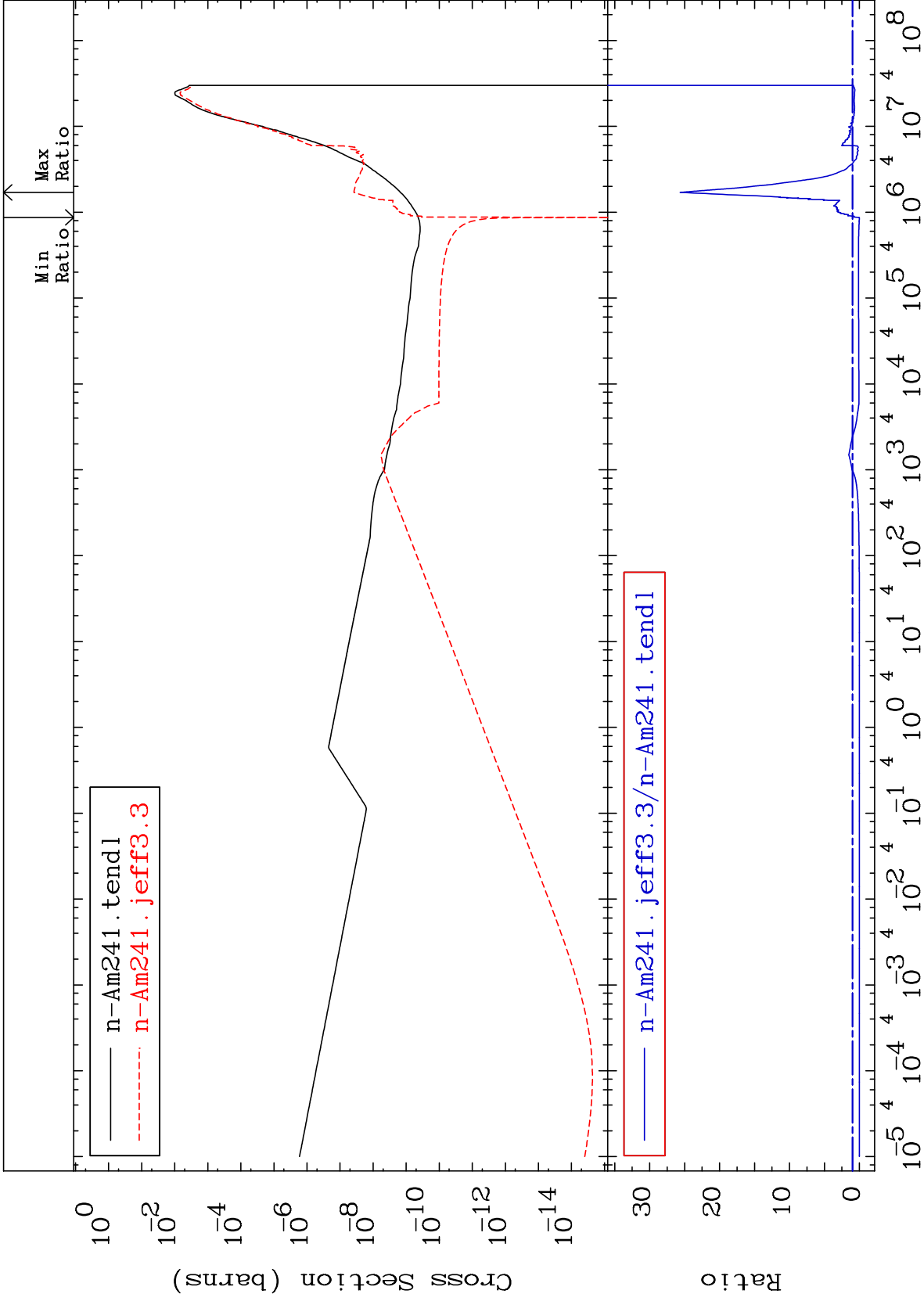
MAT 9543

(n, α)

95-Am-241

Cross Section

-100.0 To 2464. %



47

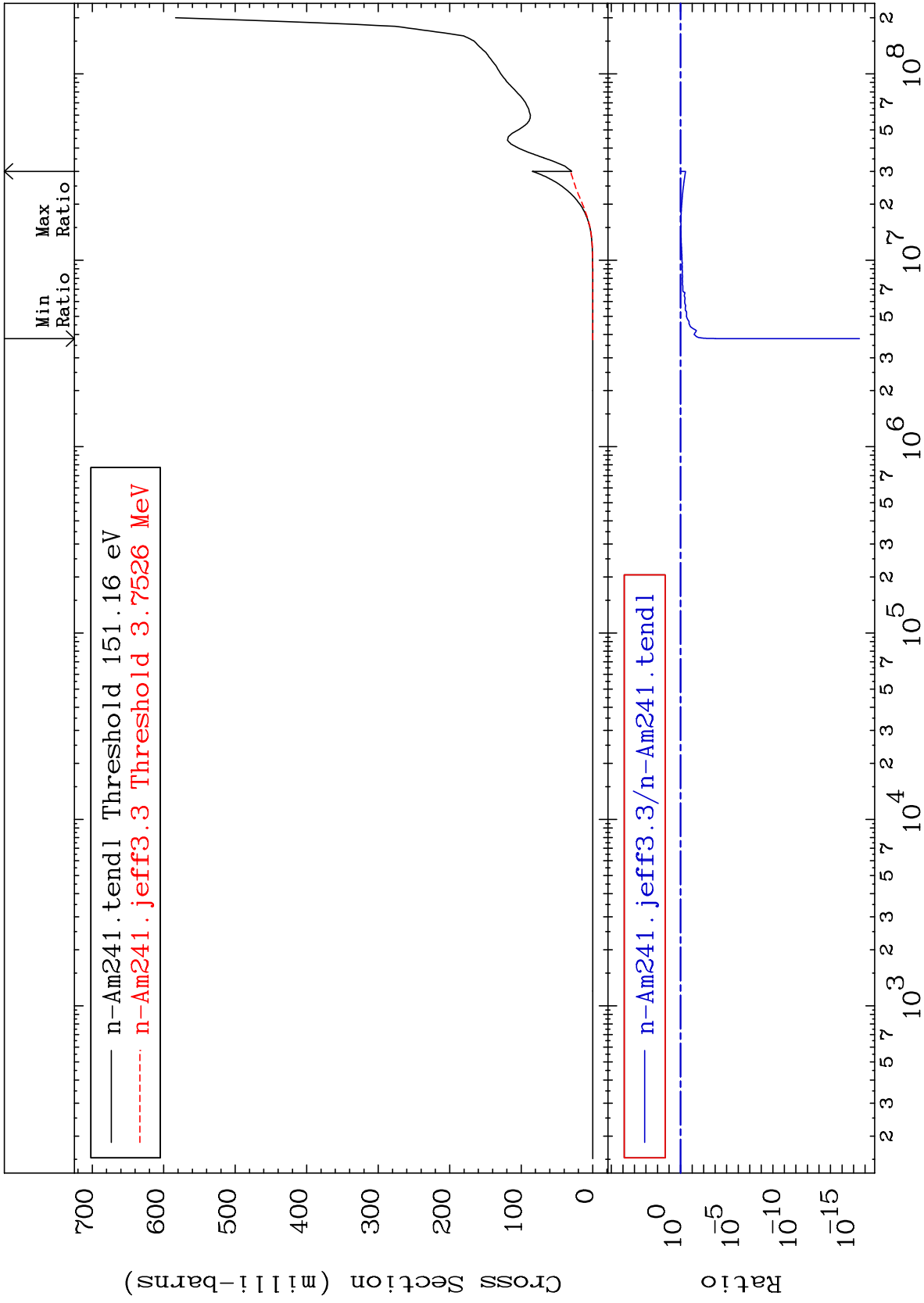
Incident Energy (eV)

95-Am-241

MAT 9543

Hydrogen Production Cross Section

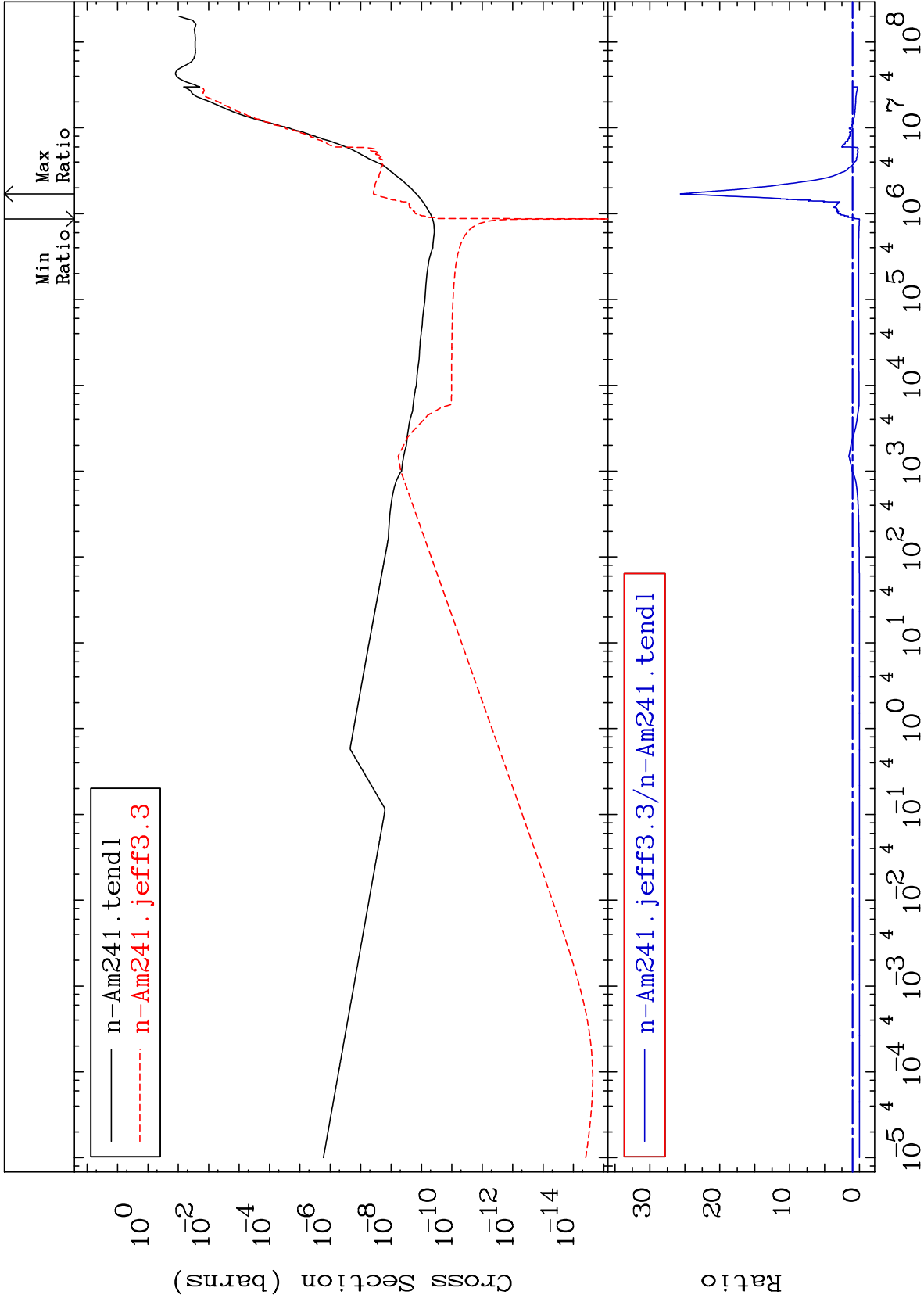
95-Am-241
-100.0 To 4.254 %



MAT 9543

He-4 Production
Cross Section

95-Am-241
-100.0 To 2464. %



49

Incident Energy (eV)

95-Am-241

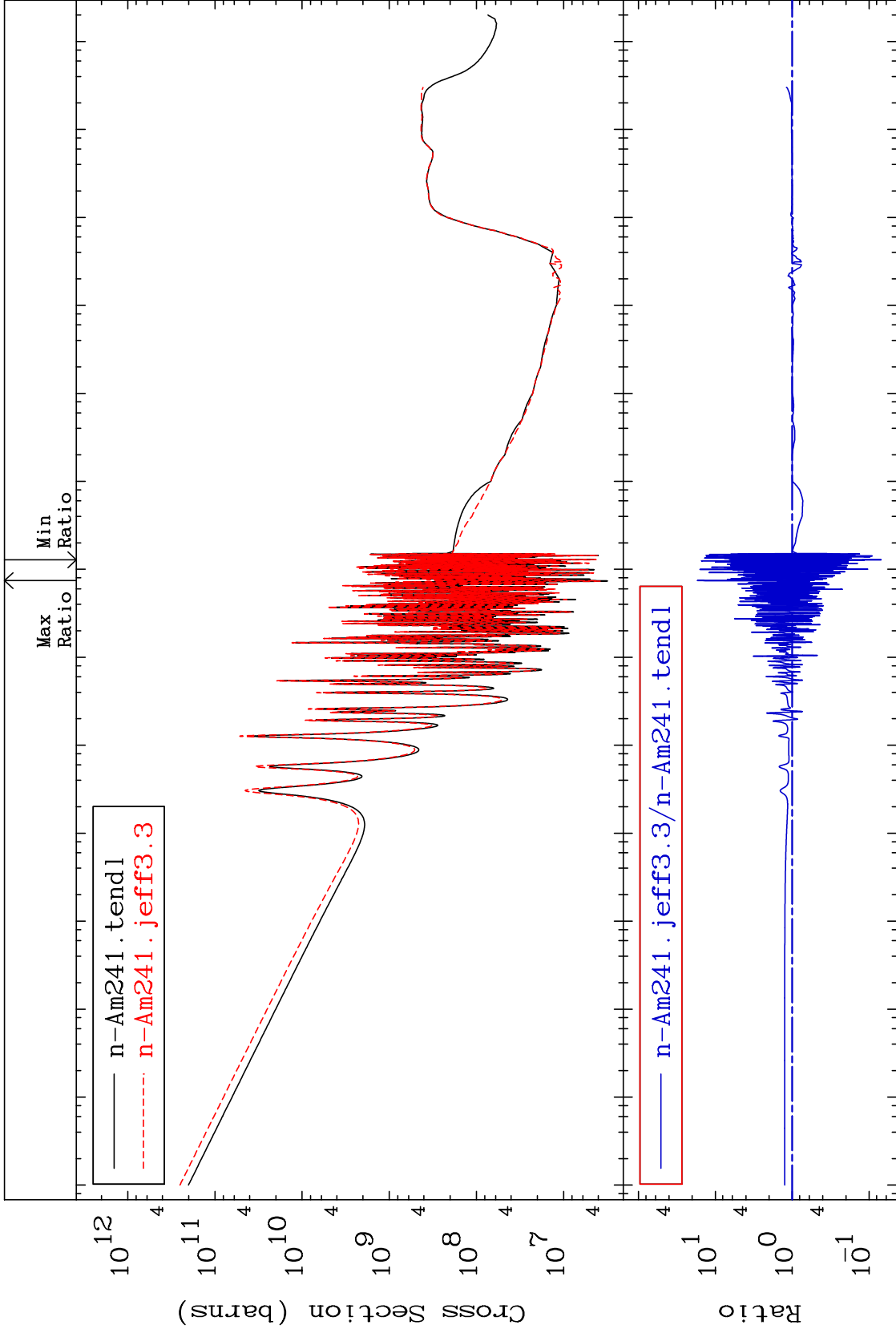
MAT 9543

Kerma total (eV-barns)

95-Am-241

-93.02 To 1606. %

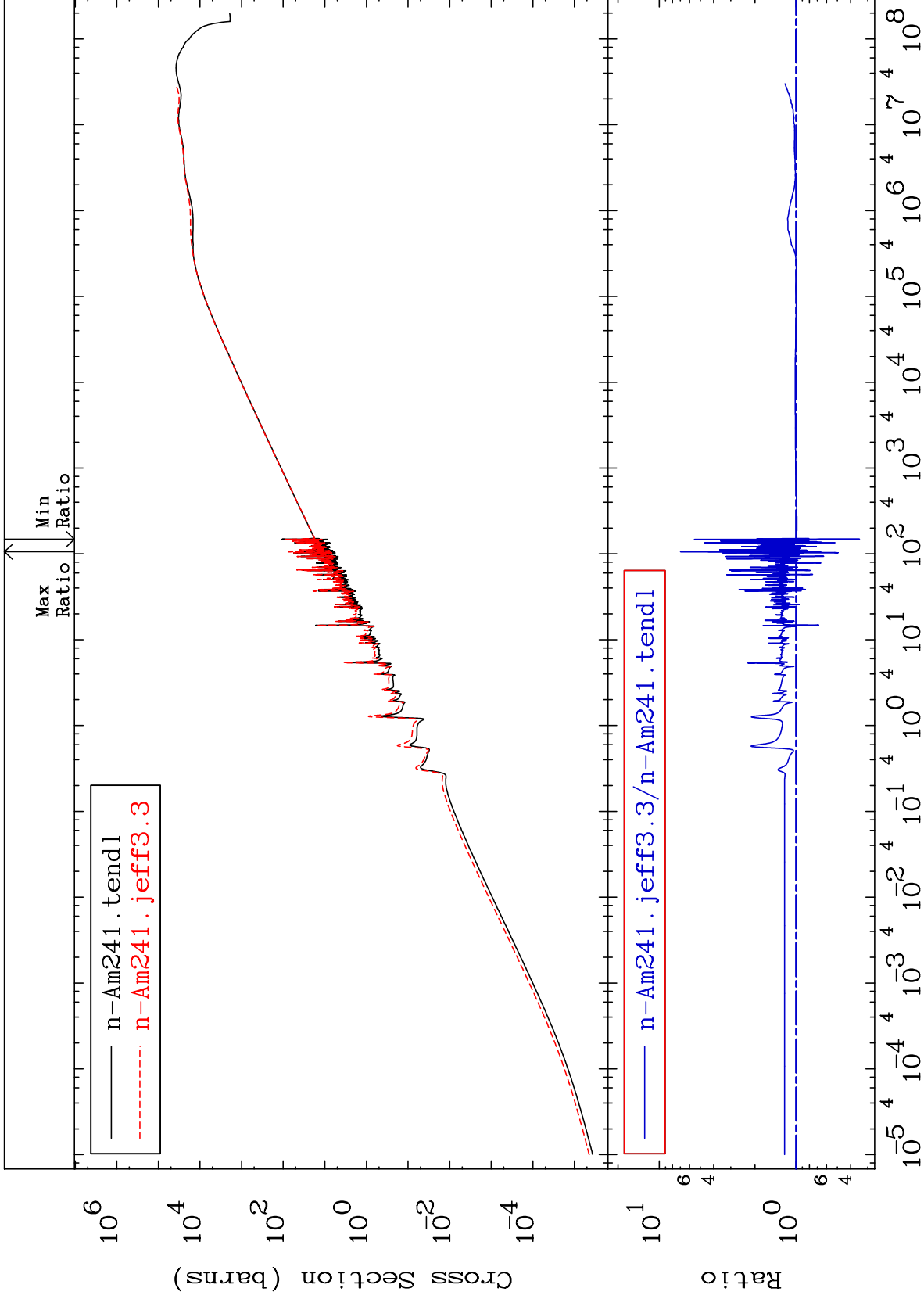
Cross Section

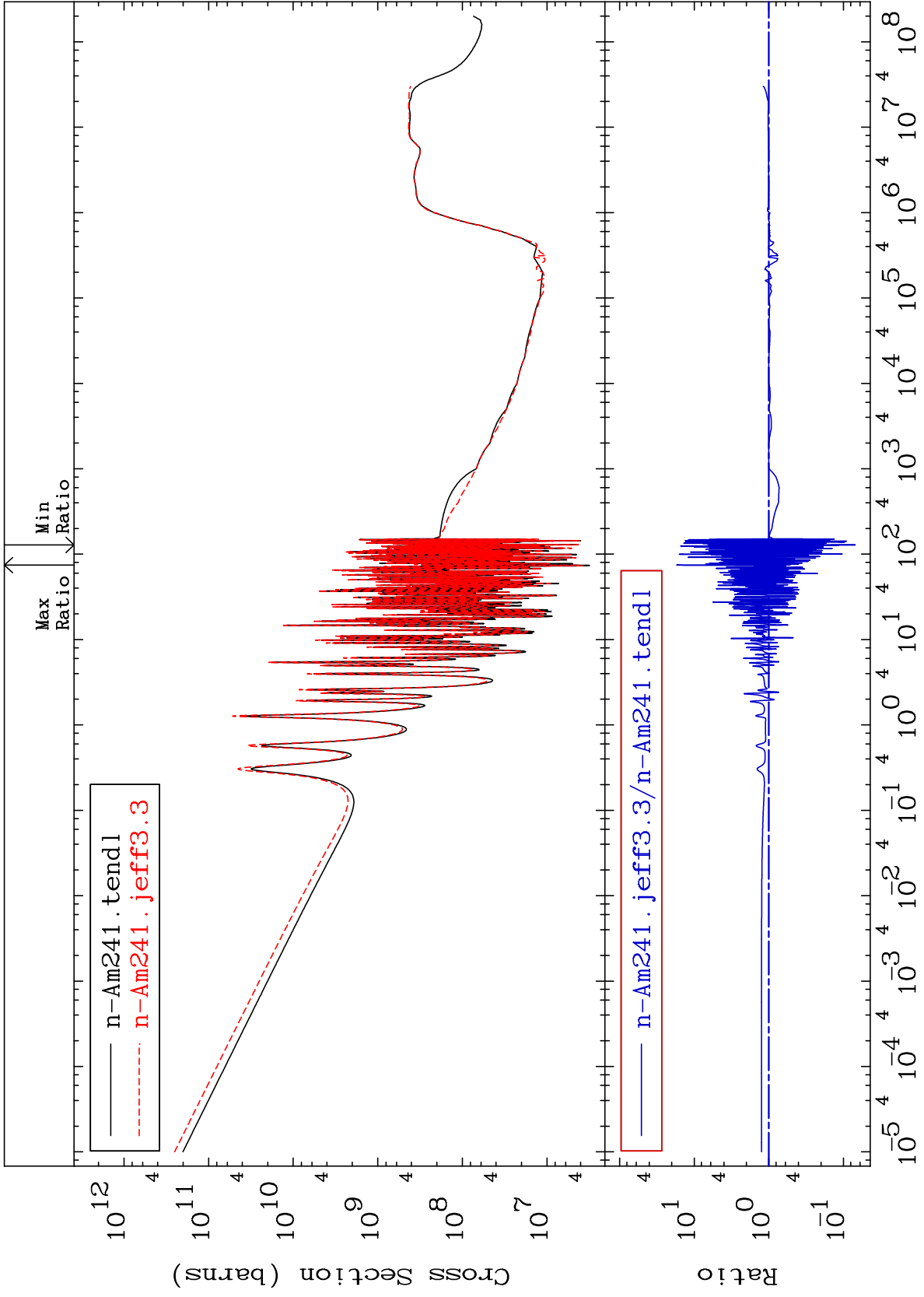


MAT 9543

Kerma elastic
Cross Section

95-Am-241
-65.52 To 600.4 %

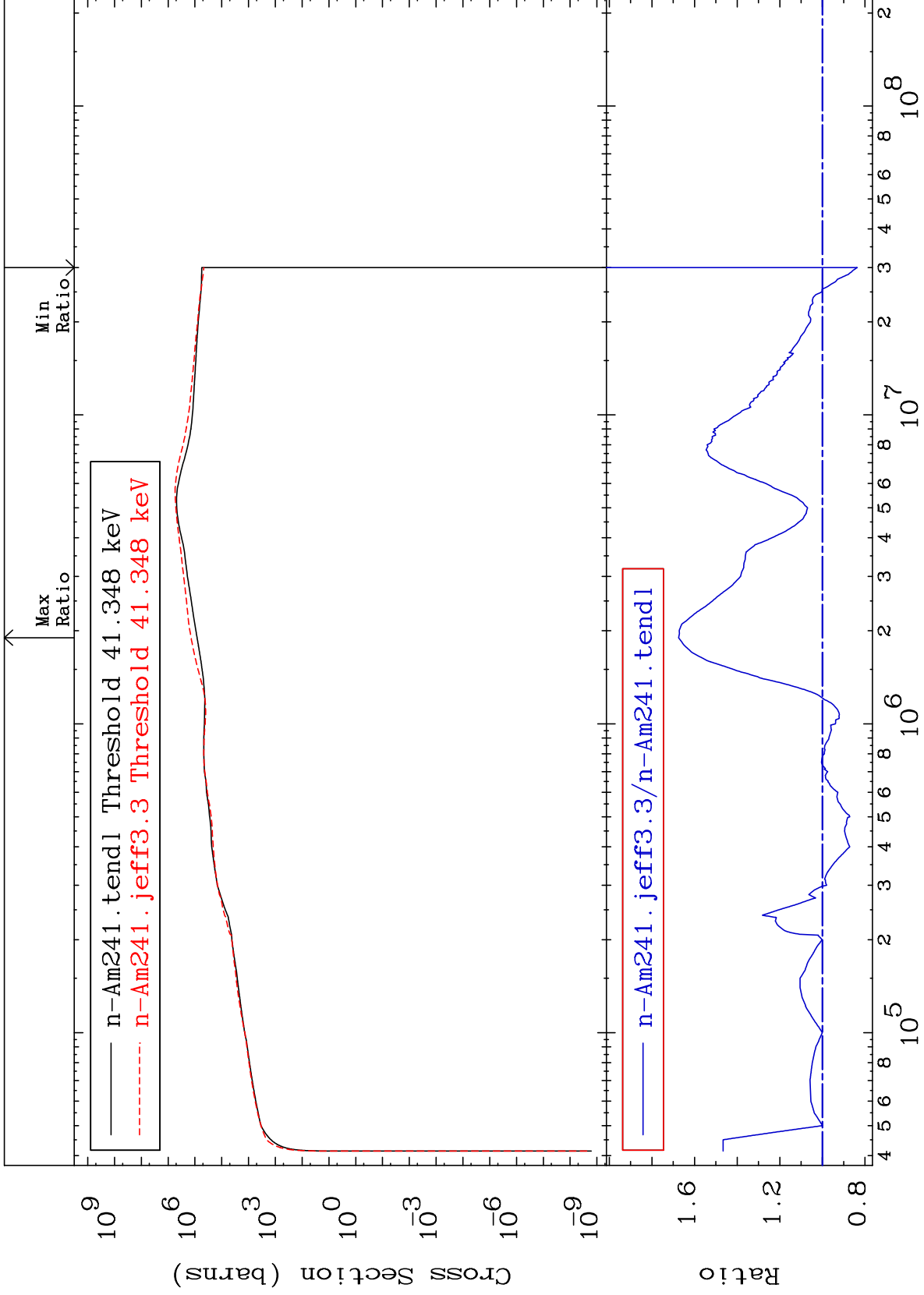


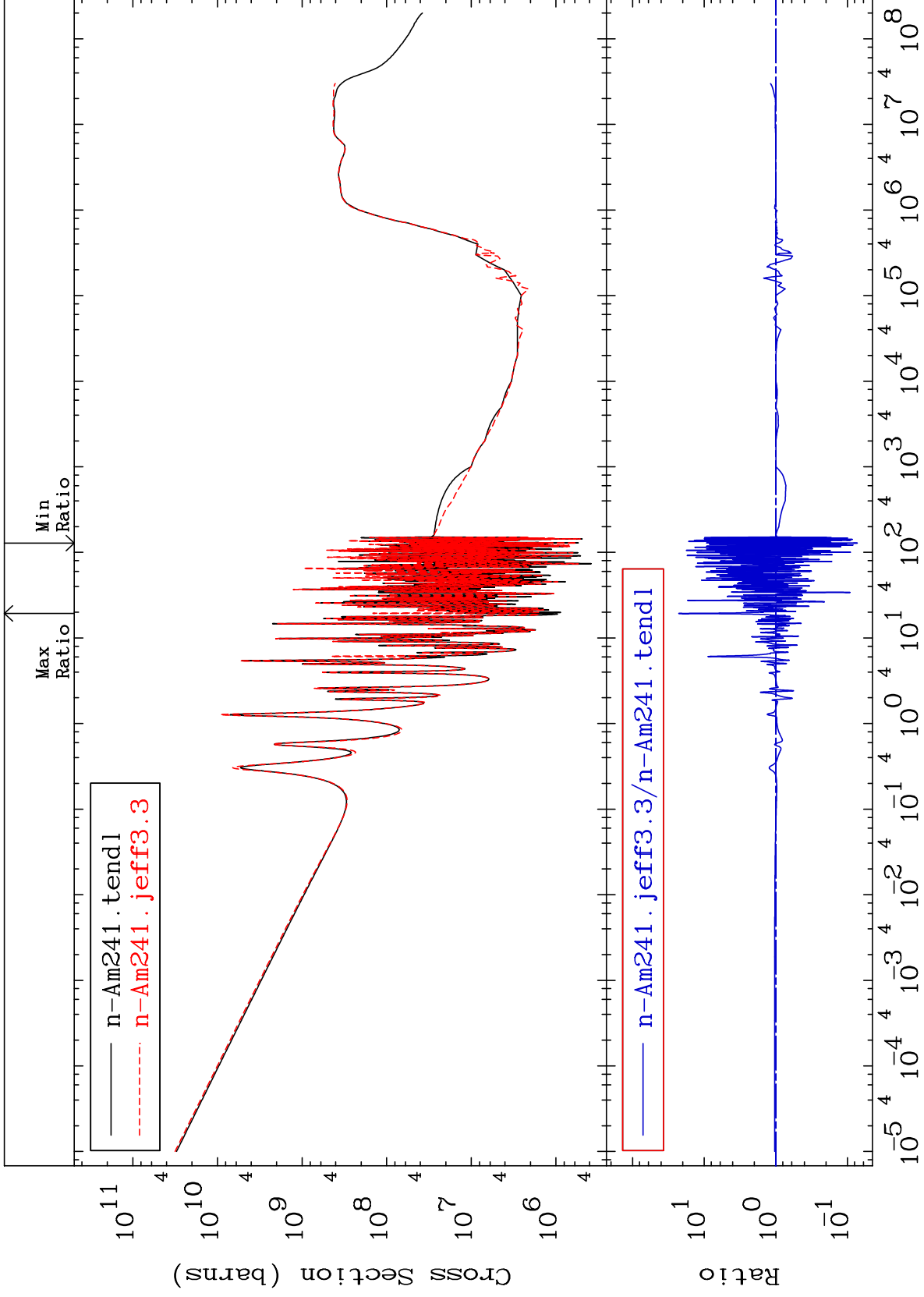


MAT 9543

Kerma inelastic (mt51-91)
Cross Section

95-Am-241
-16.35 To 67.45 %

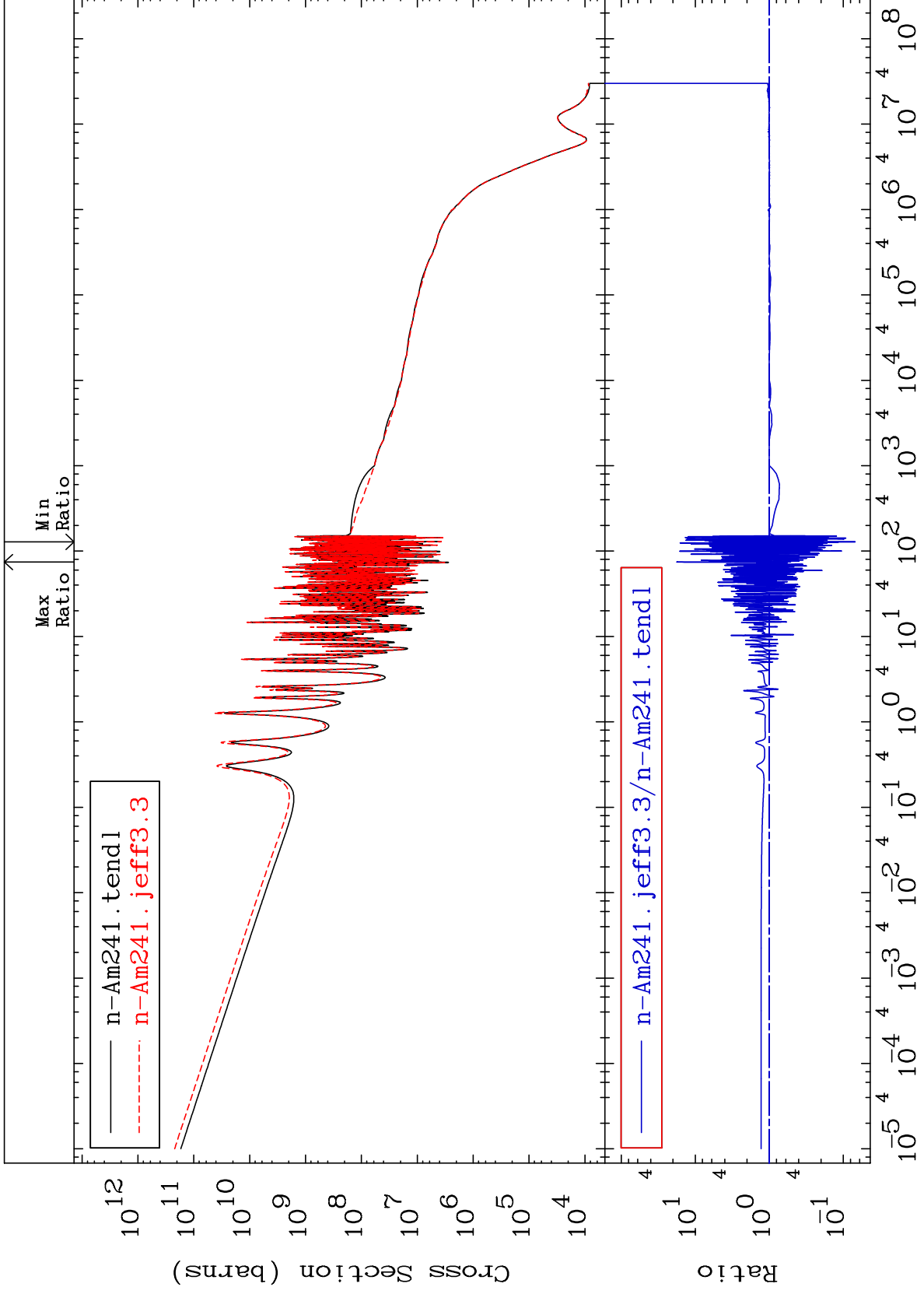




MAT 9543

Kerma capture (mt102)
Cross Section

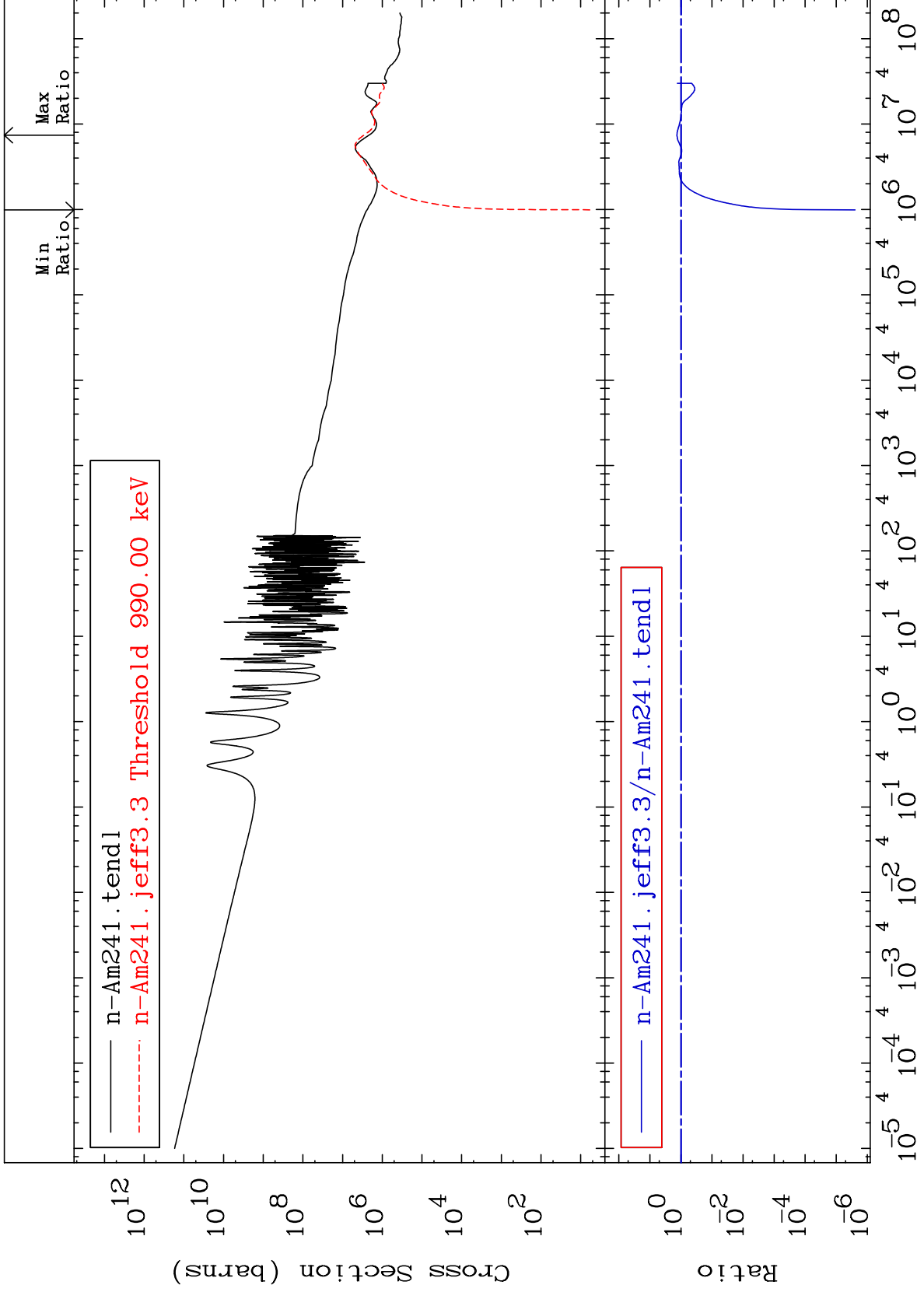
95-Am-241
-93.07 To 1671. %



MAT 9543

Total photon (eV-barns)
Cross Section

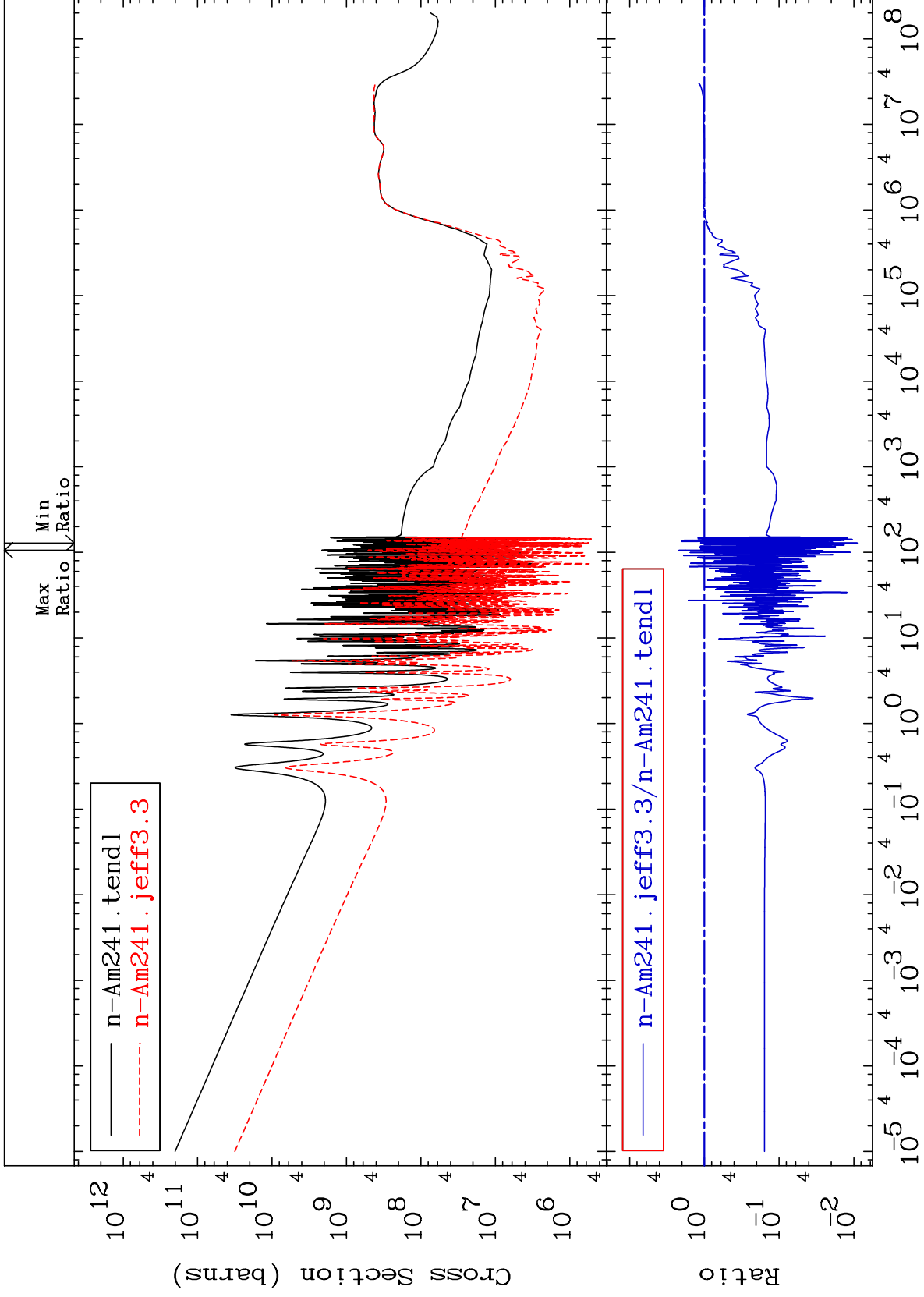
95-Am-241
-100.0 To 34.81 %



MAT 9543

Total kinematic kerma (high limit)
Cross Section

95-Am-241
-99.10 To 121.6 %



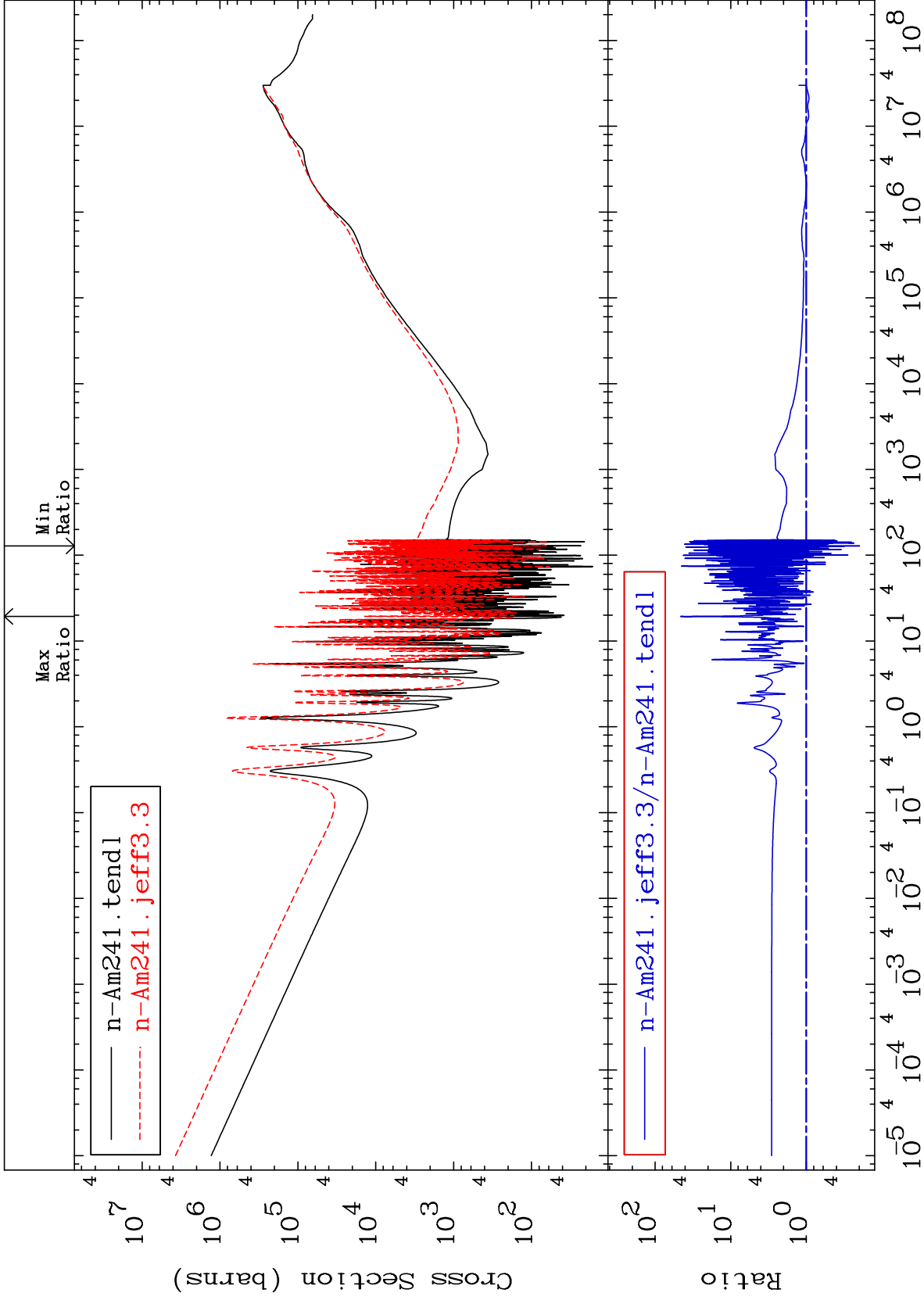
MAT 9543

Dpa total (eV-barns)

95-Am-241

-80.14 To 4533. %

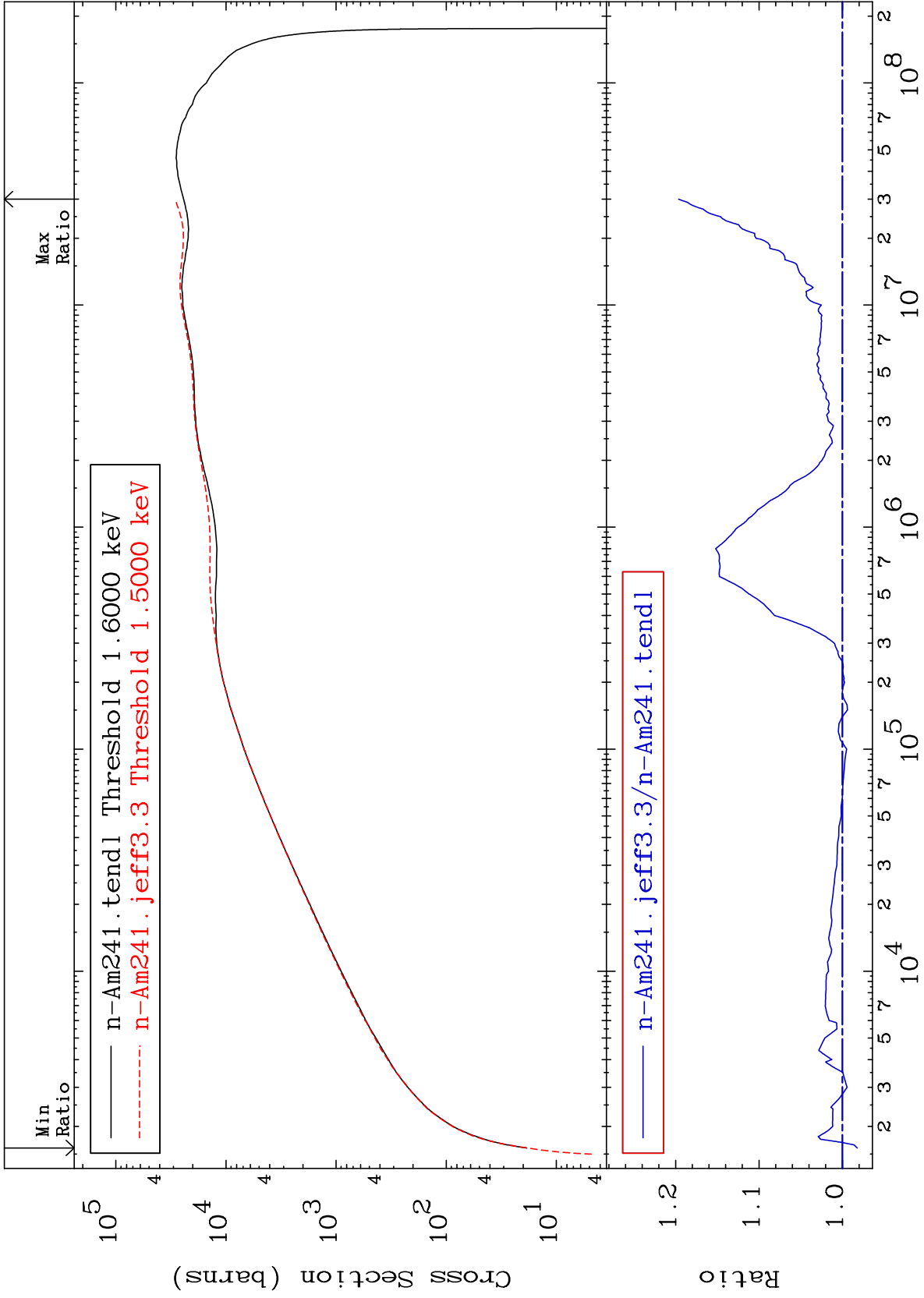
Cross Section



MAT 9543

Dpa elastic (mt2)
Cross Section

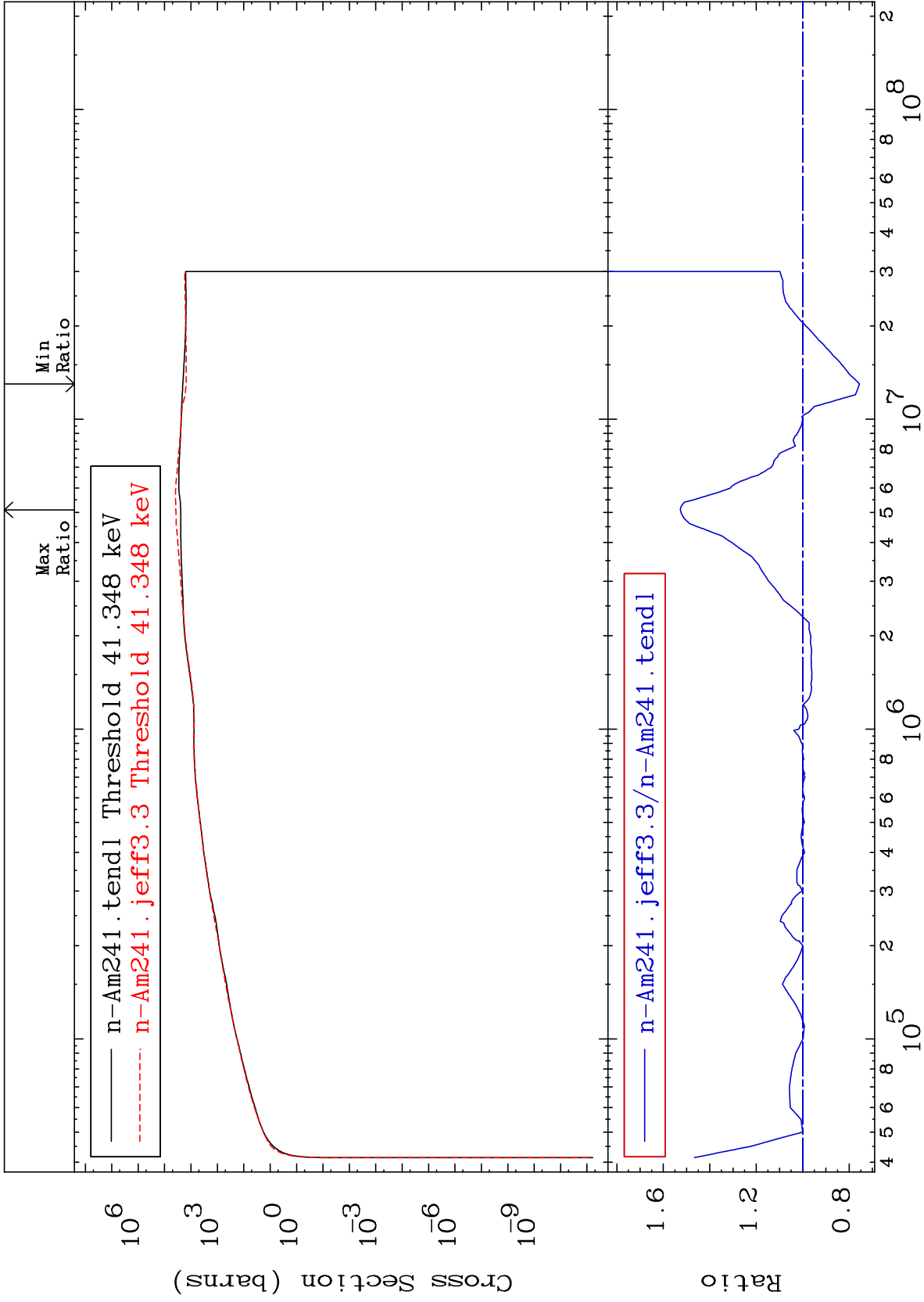
95-Am-241
-1.781 To 19.64 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-24.42 To 52.66 %



60

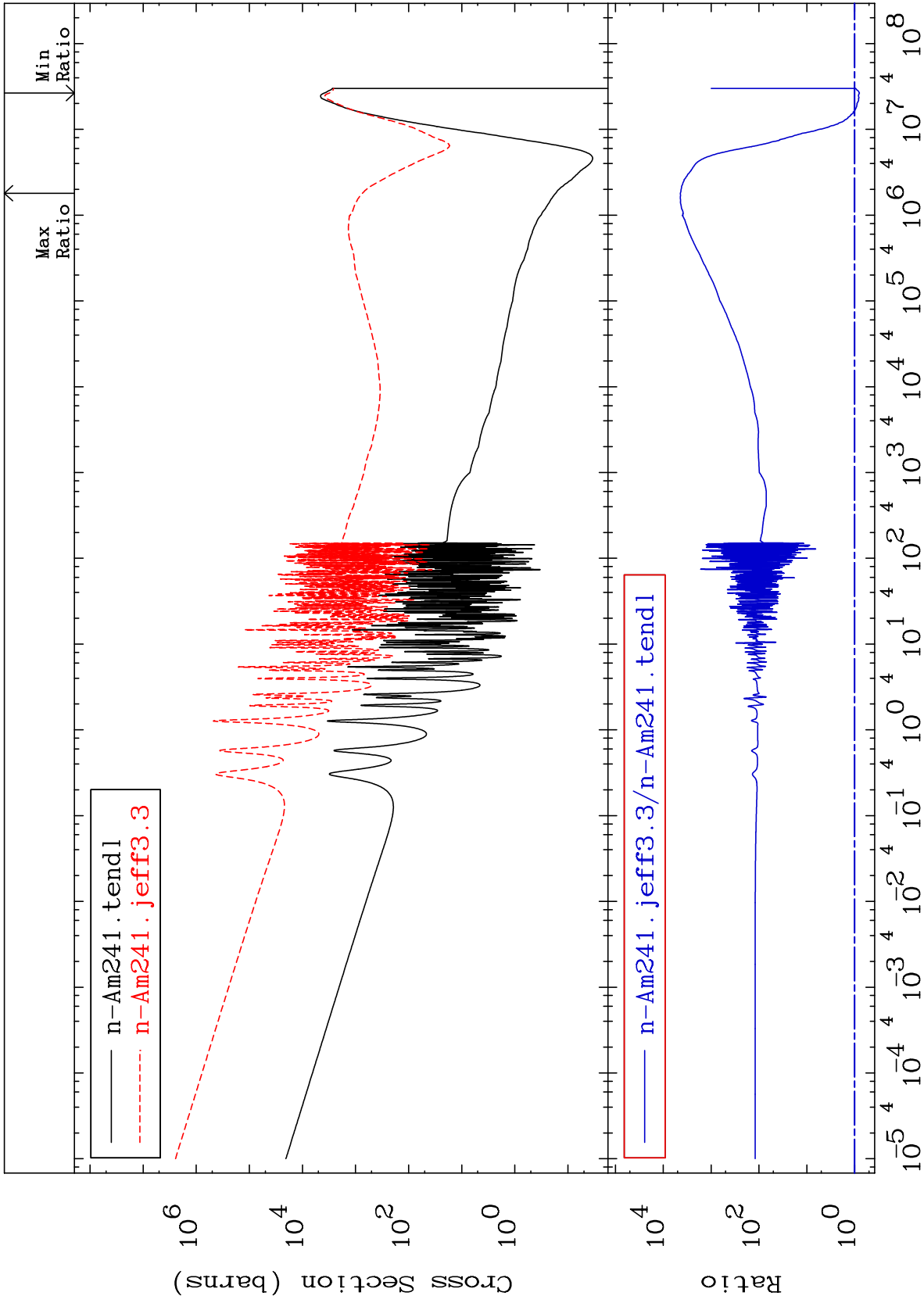
Incident Energy (eV)

95-Am-241

MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

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-20.45 To 9999. %



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