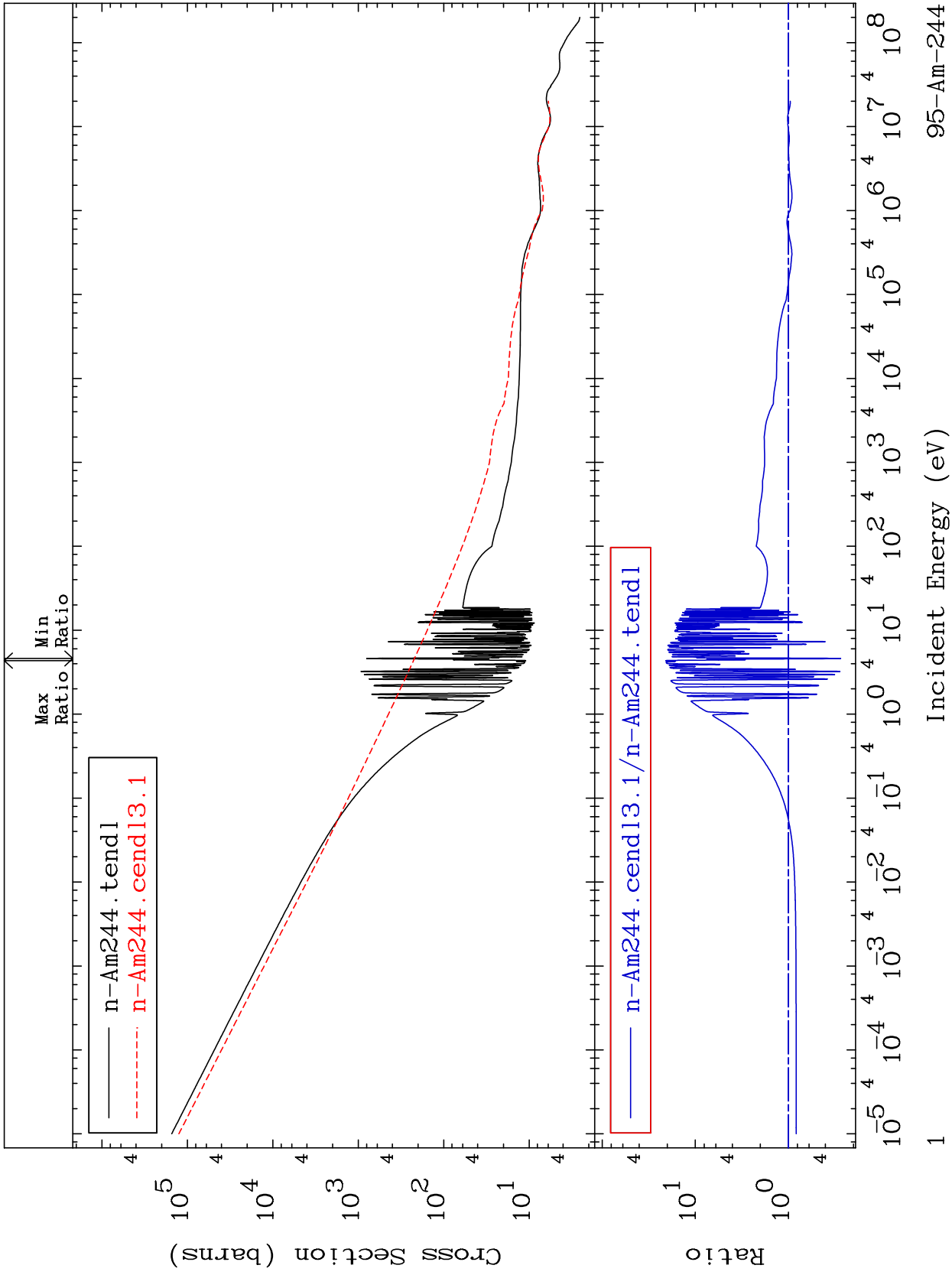


MAT 9552

Total Cross Section  
95-Am-244  
-72.58 To 1987. %



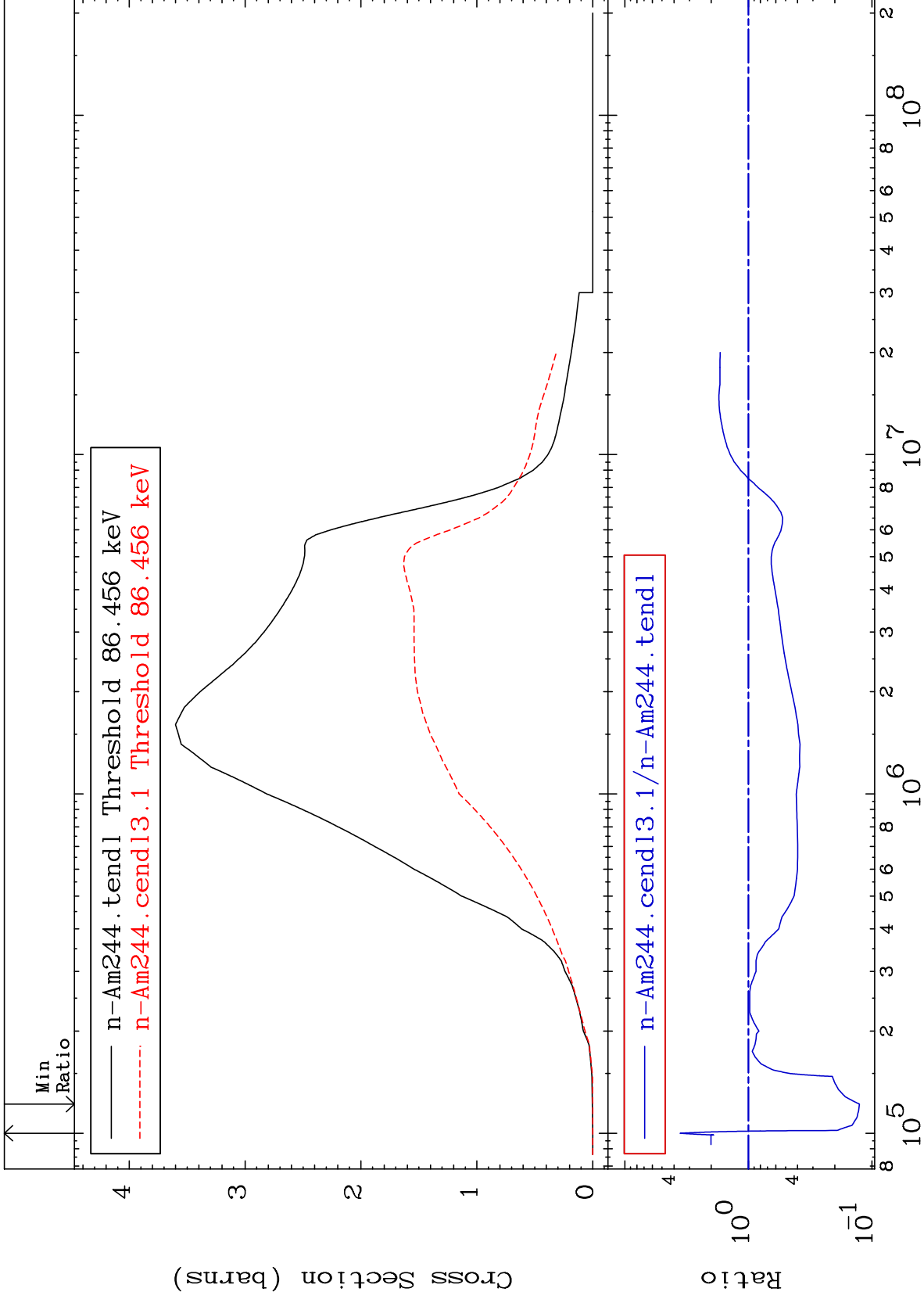
95-Am-244



MAT 9552

Inelastic  
Cross Section

95-Am-244  
-87.38 To 255.5 %

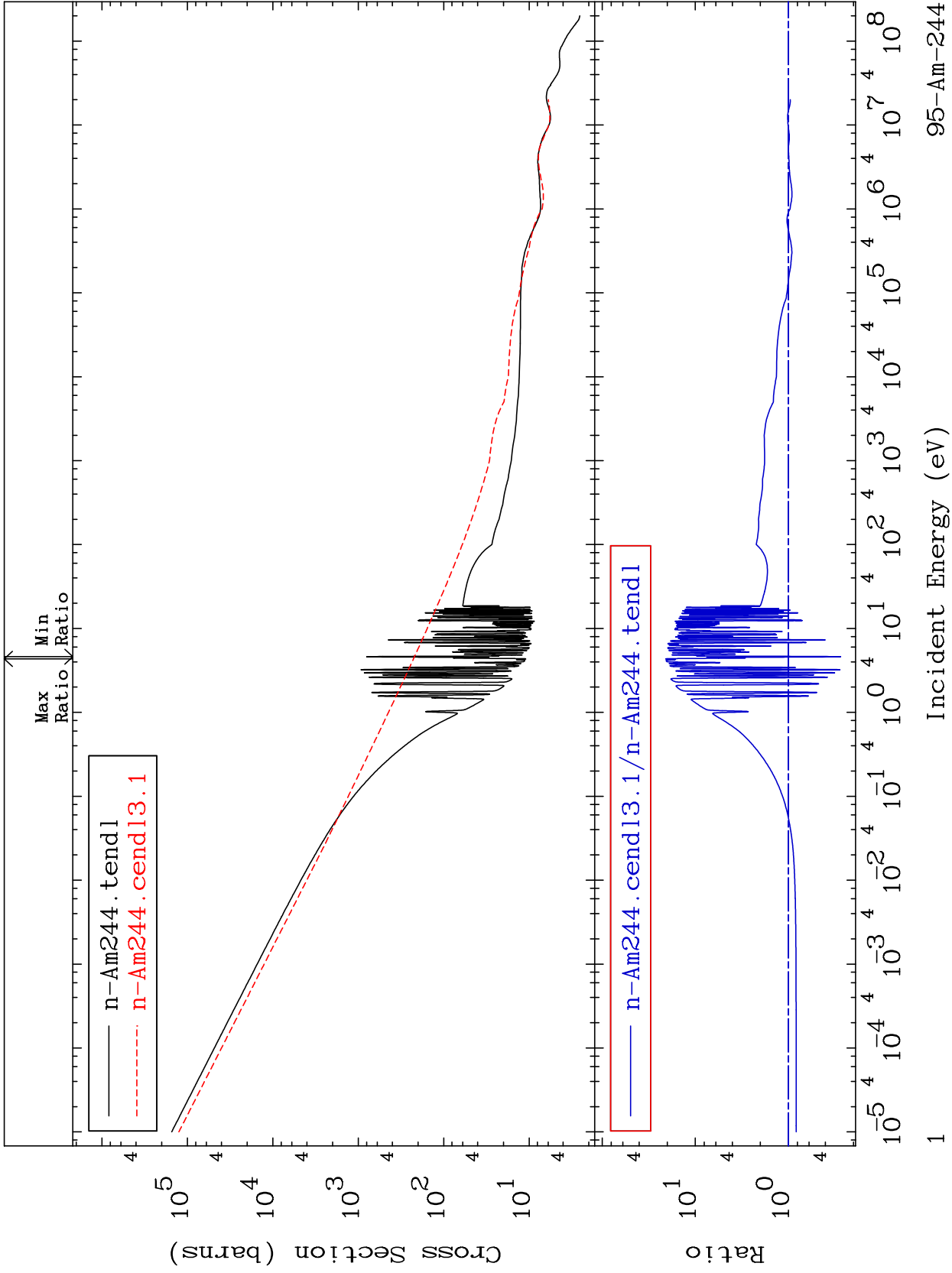


Incident Energy (eV)

95-Am-244

MAT 9552

Total Cross Section  
95-Am-244  
-72.58 To 1987. %



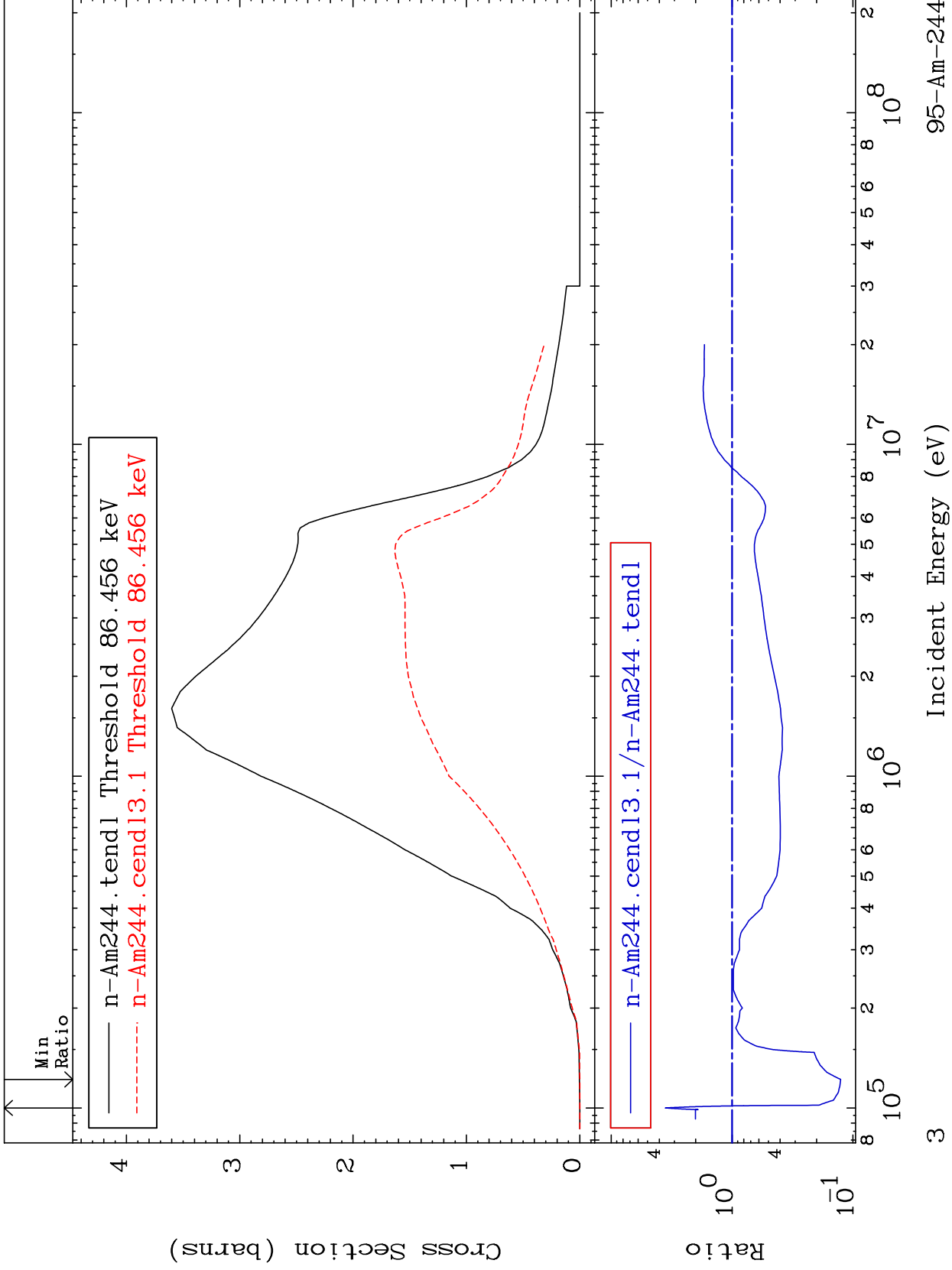
95-Am-244



MAT 9552

Inelastic  
Cross Section

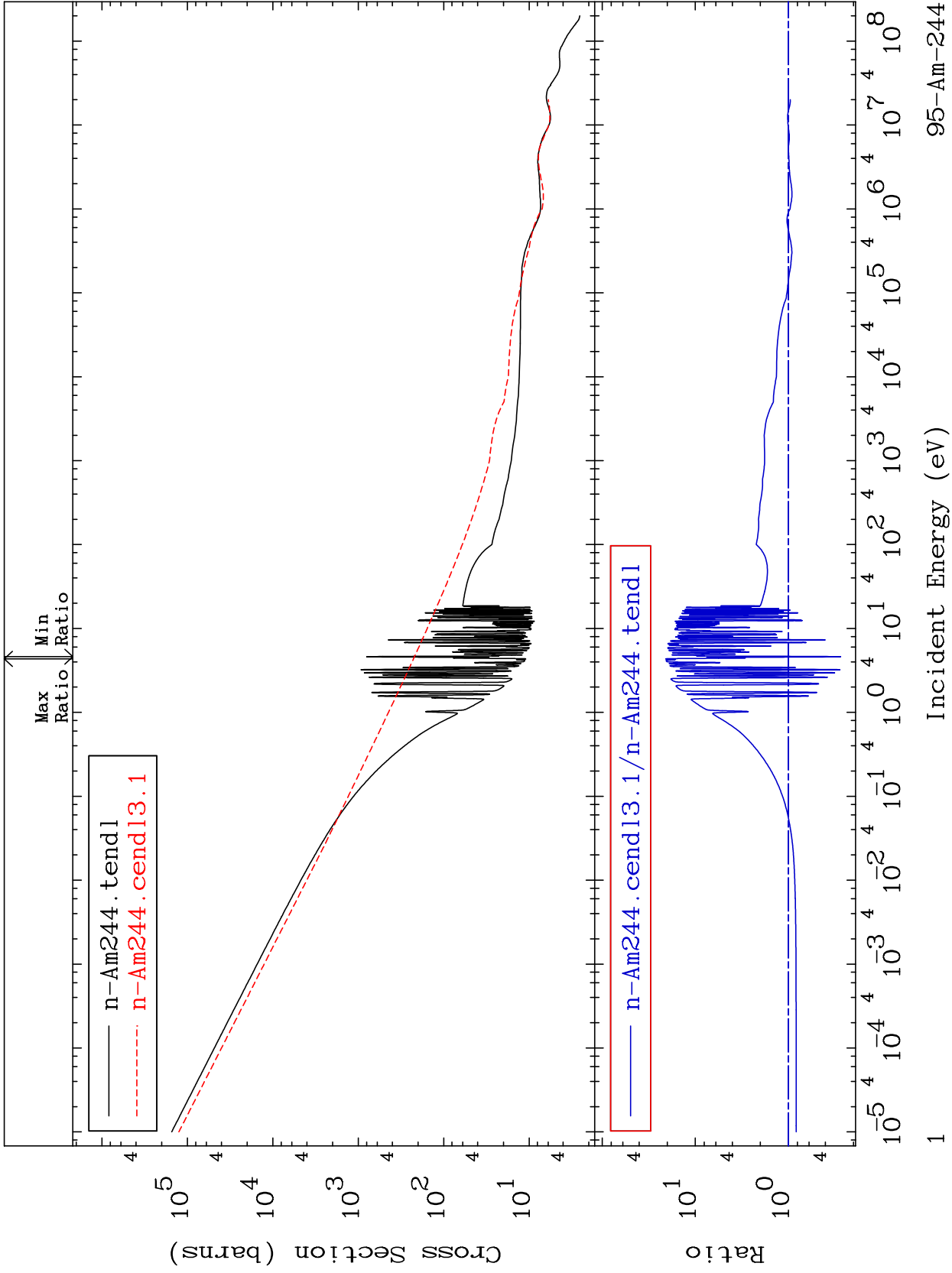
95-Am-244  
-87.38 To 255.5 %



95-Am-244

MAT 9552

Total Cross Section  
95-Am-244  
-72.58 To 1987. %



95-Am-244

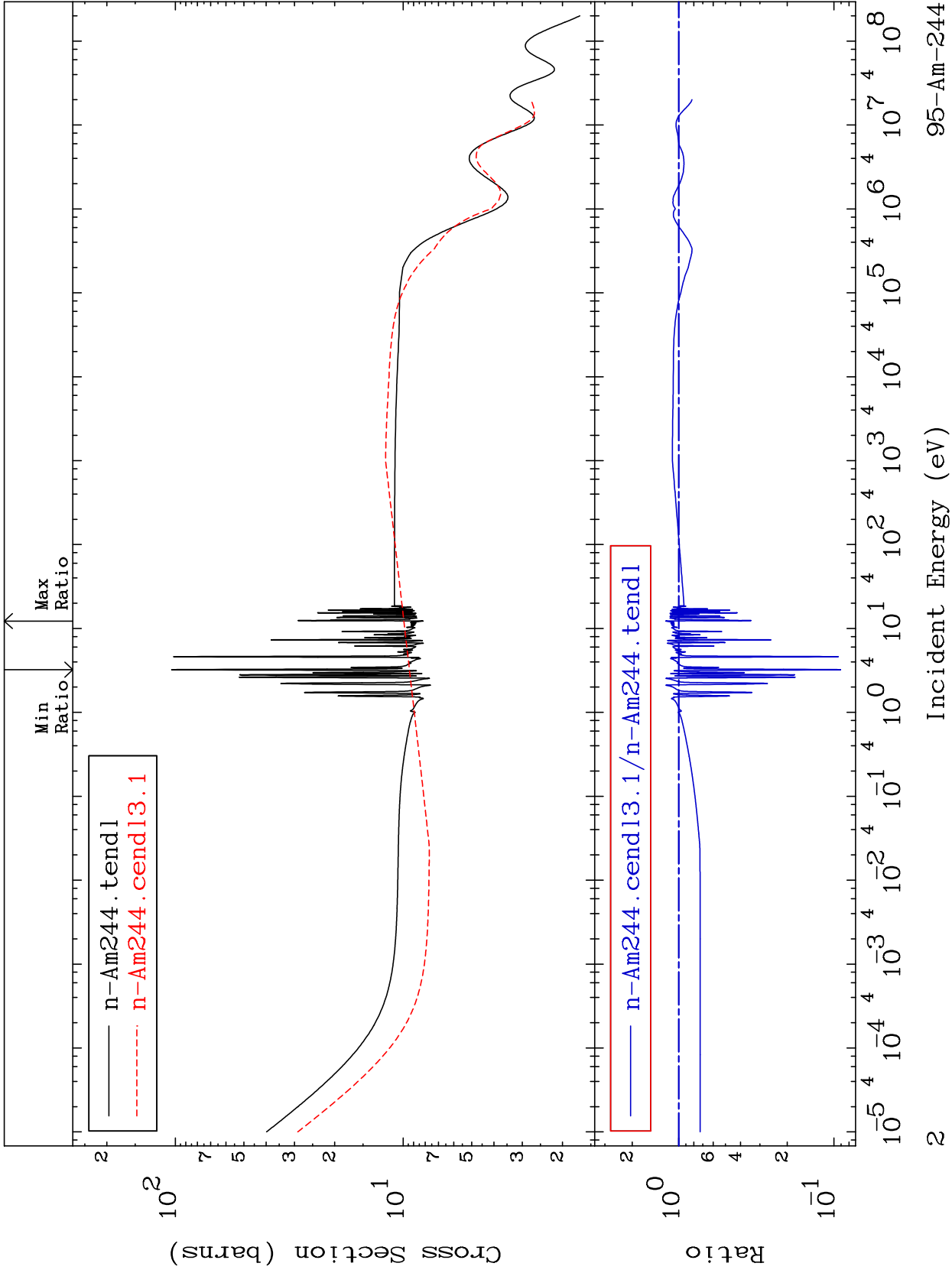
MAT 9552

Elastic

95-Am-244

Cross Section

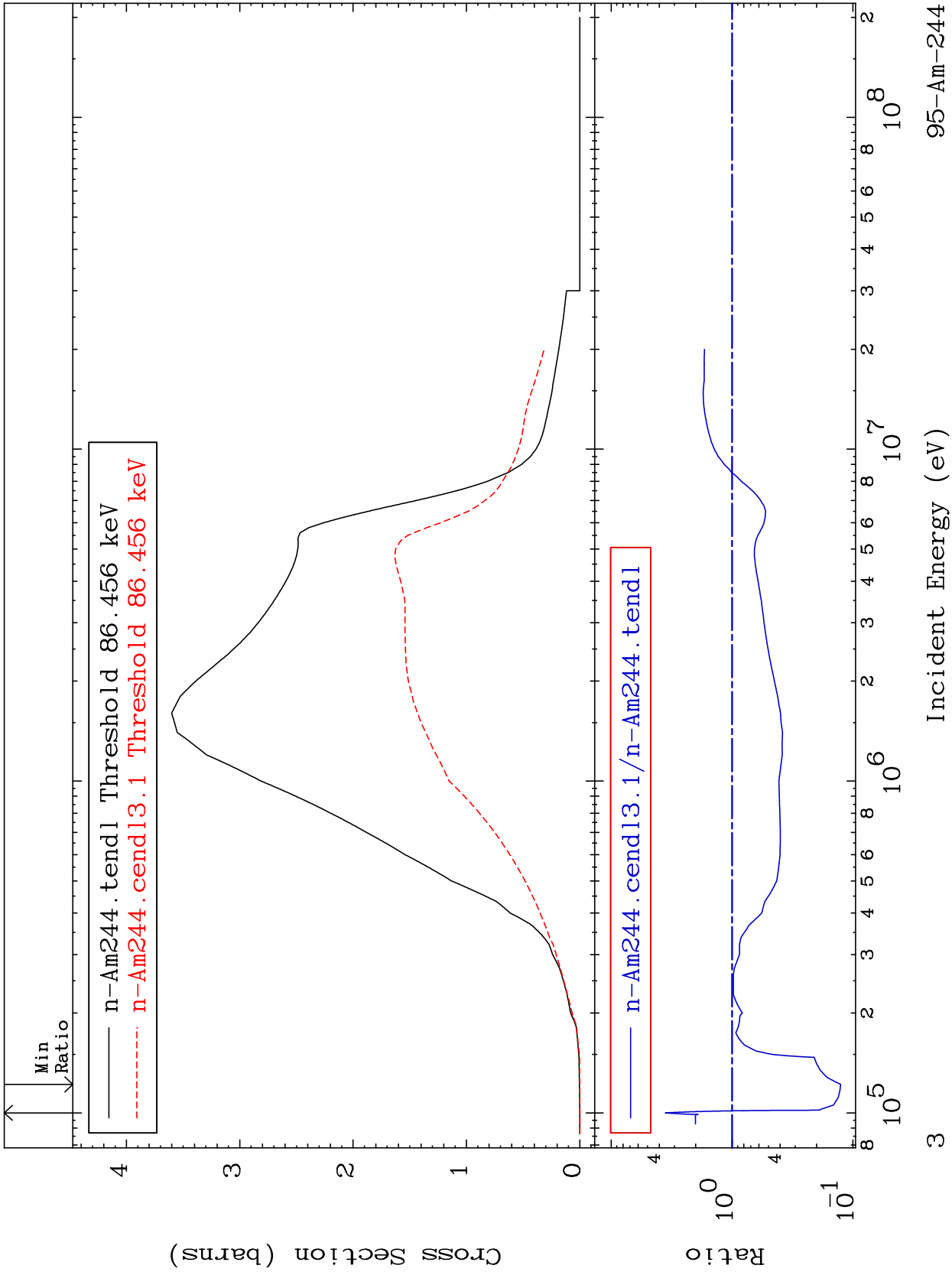
-90.96 To 21.84 %



MAT 9552

Inelastic  
Cross Section

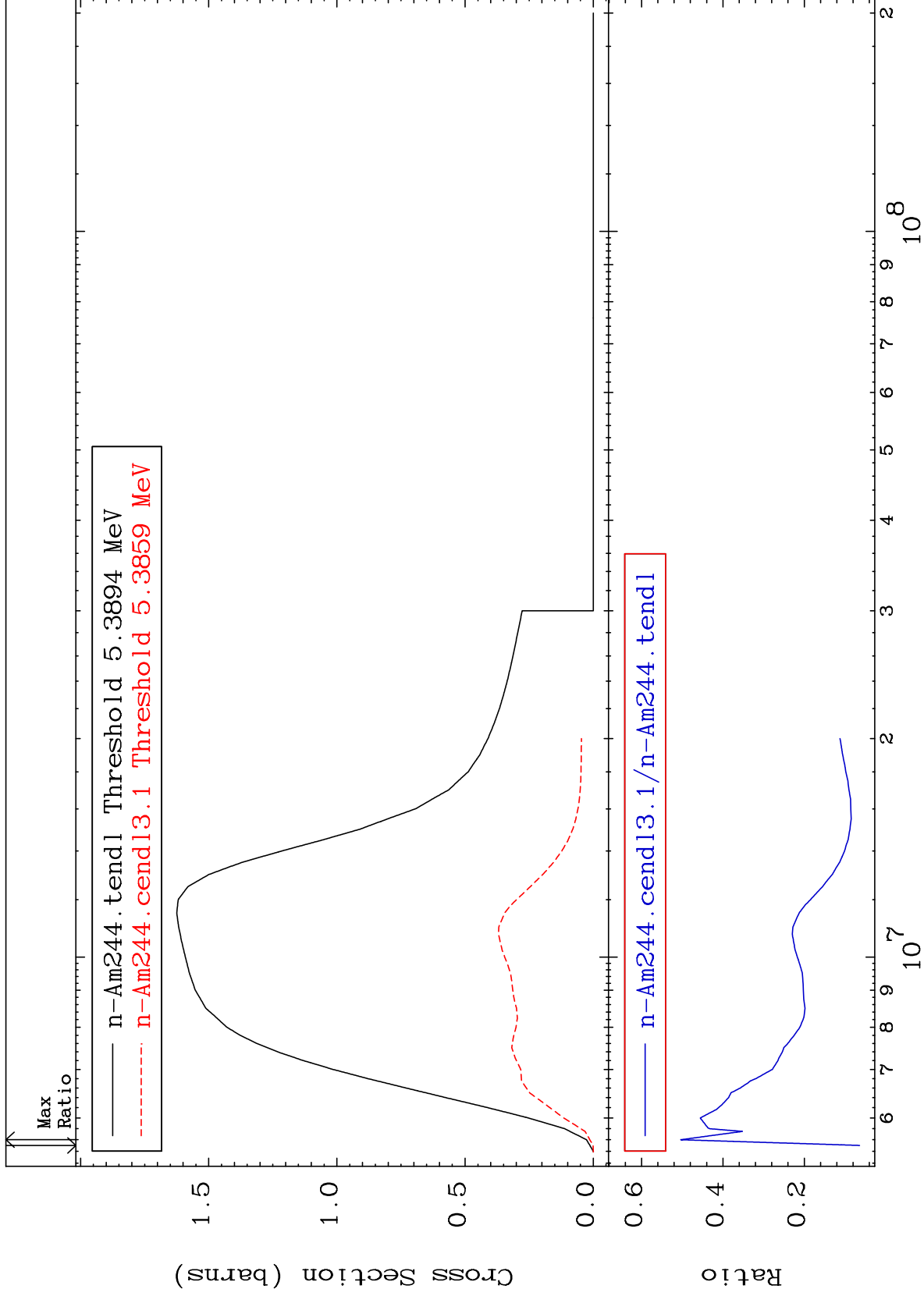
95-Am-244  
-87.38 To 255.5 %



MAT 9552

(n,2n)  
Cross Section

95-Am-244  
-93.59 To -49.63%



4

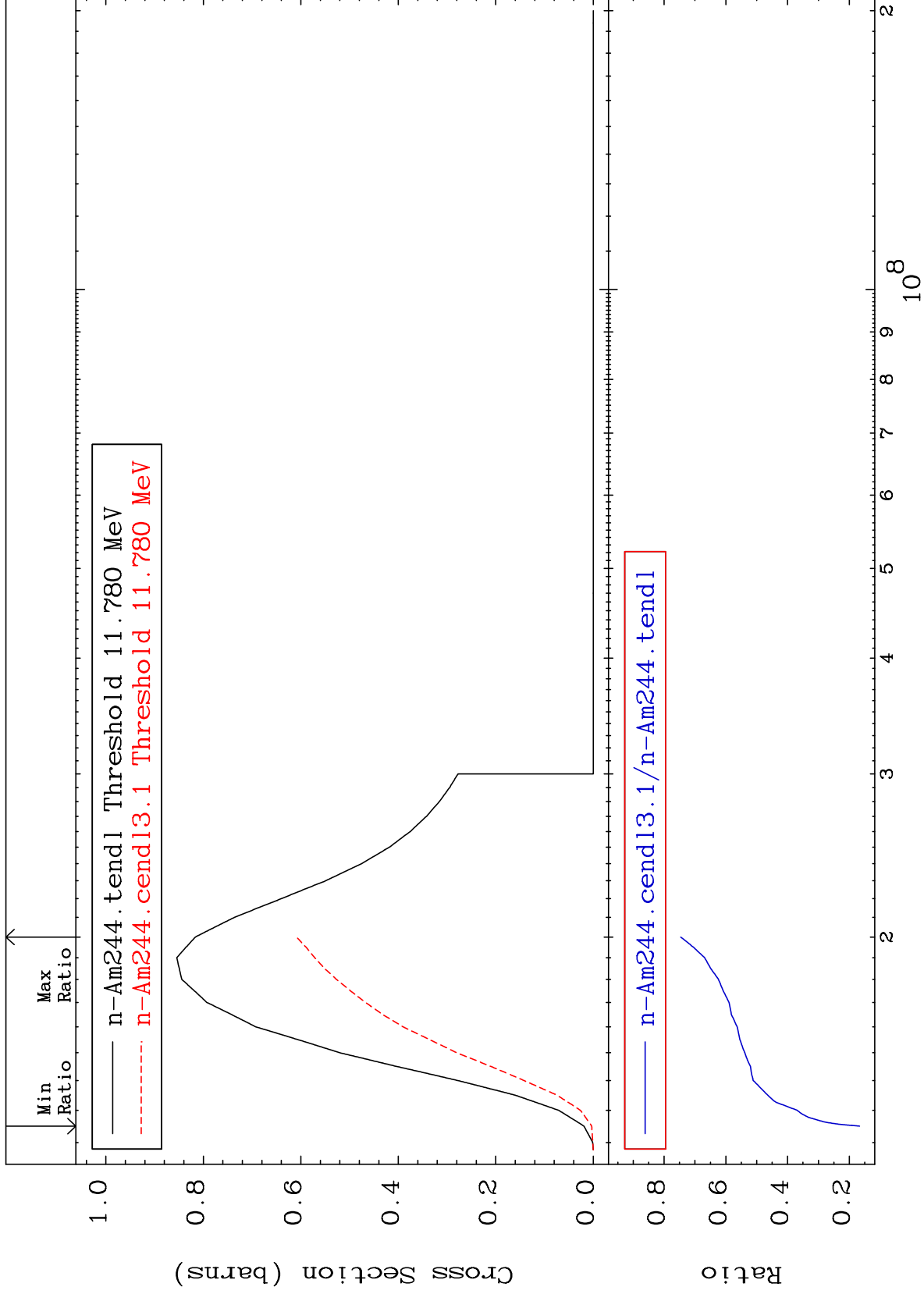
Incident Energy (eV)

95-Am-244

MAT 9552

(n,3n)  
Cross Section

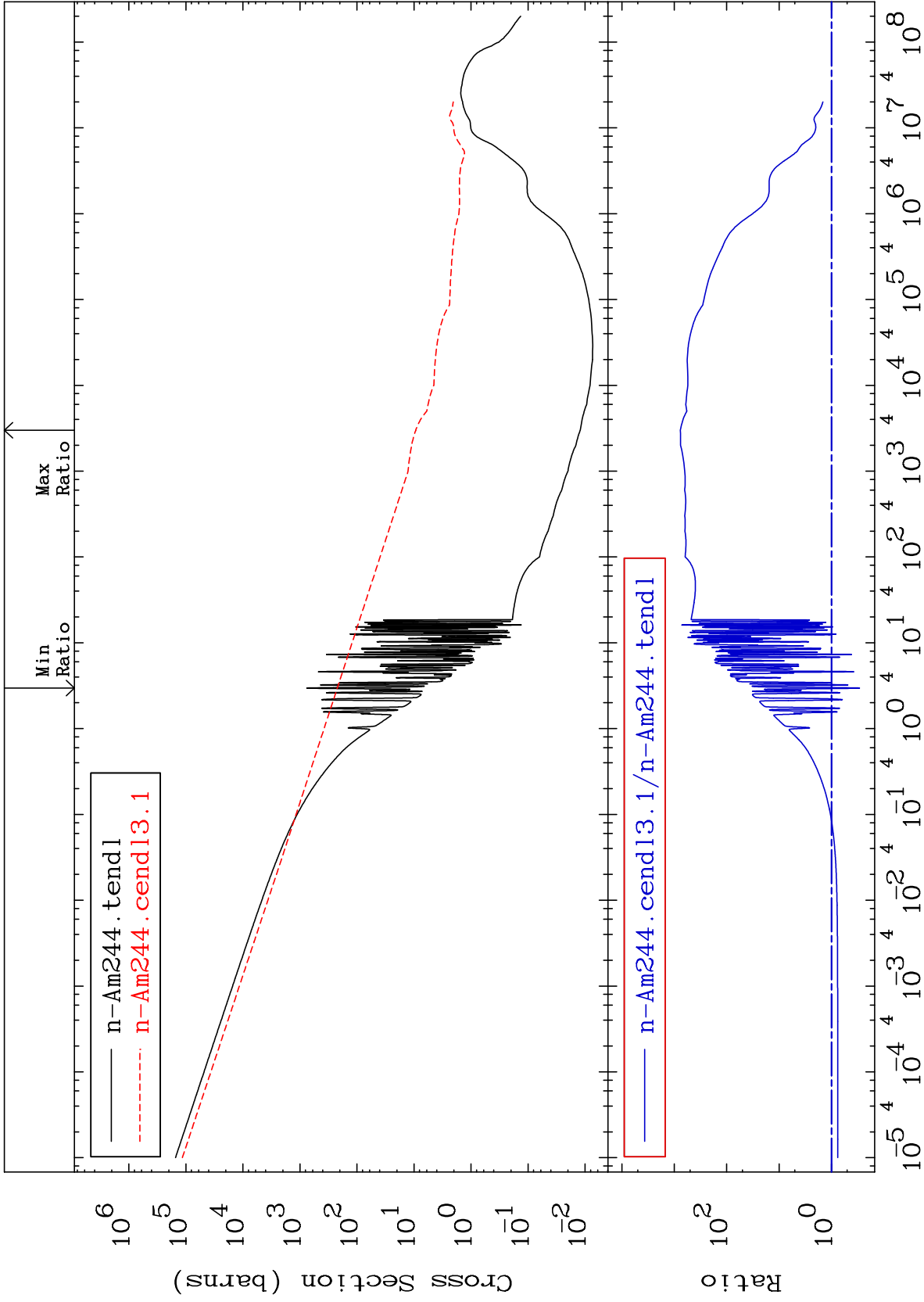
95-Am-244  
-83.31 To -25.40%



MAT 9552

Fission Cross Section

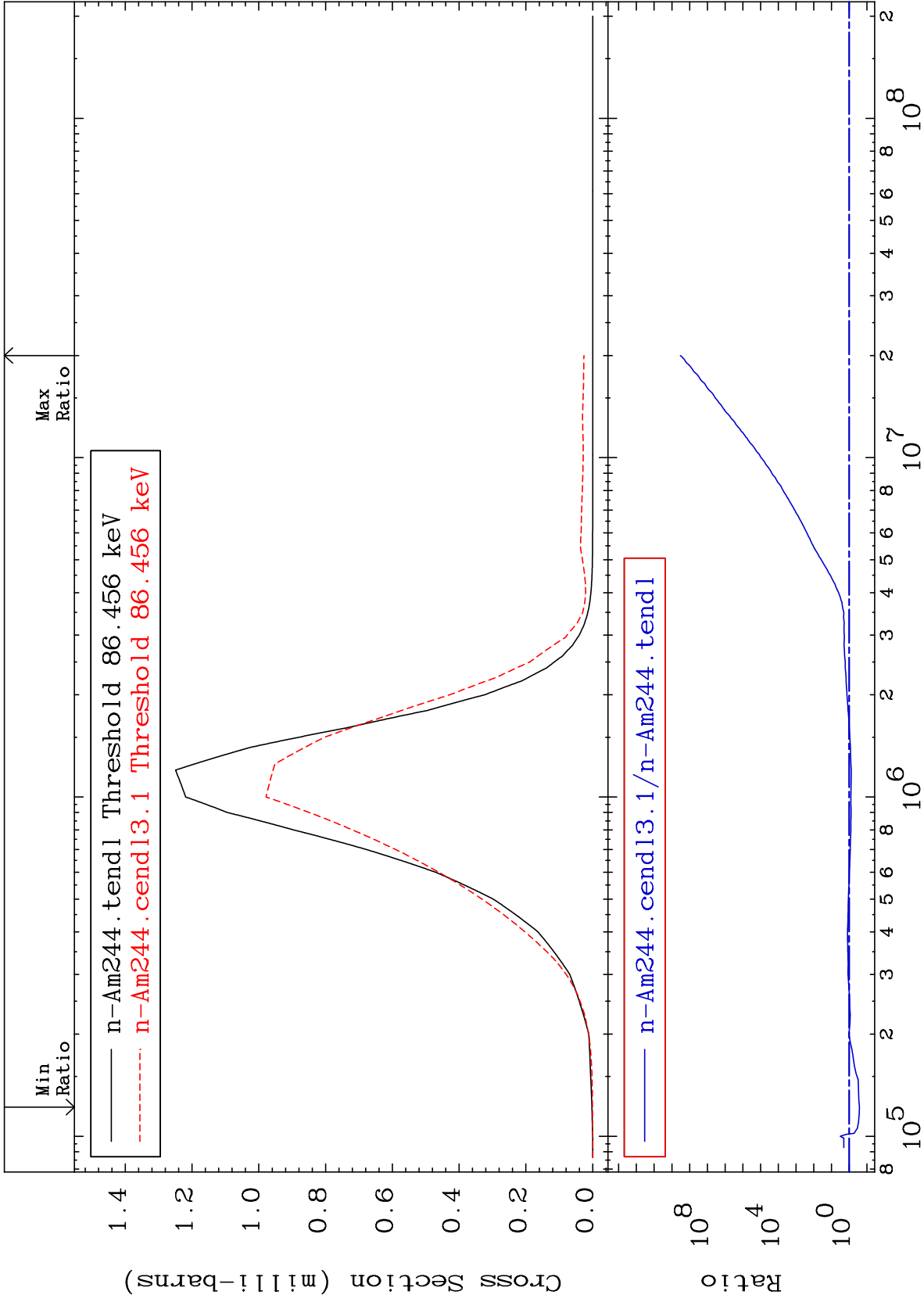
95-Am-244  
-70.84 To 9999. %



MAT 9552

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

95-Am-244  
-73.72 To 9999. %



7

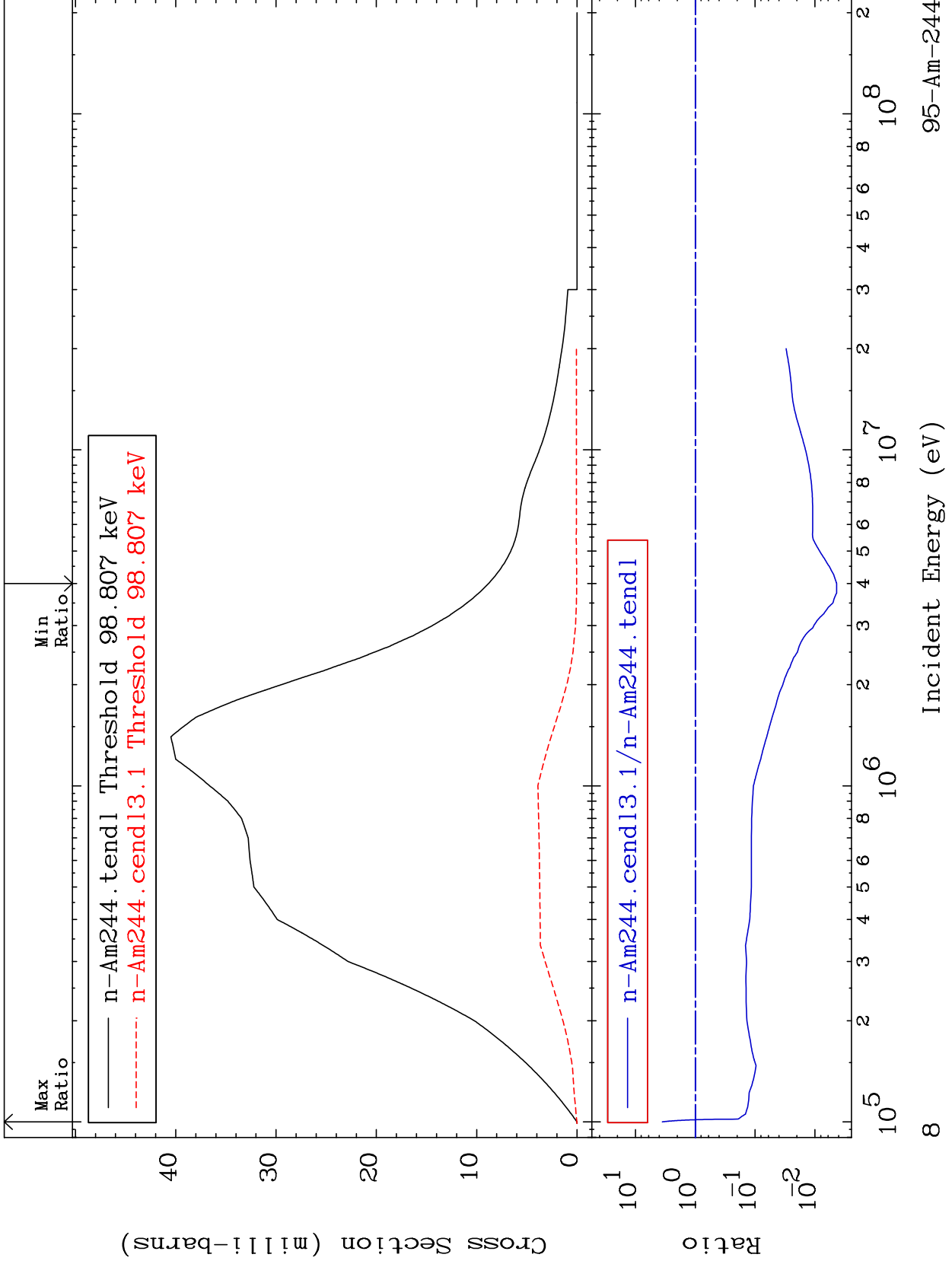
Incident Energy (eV)

95-Am-244

MAT 9552

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

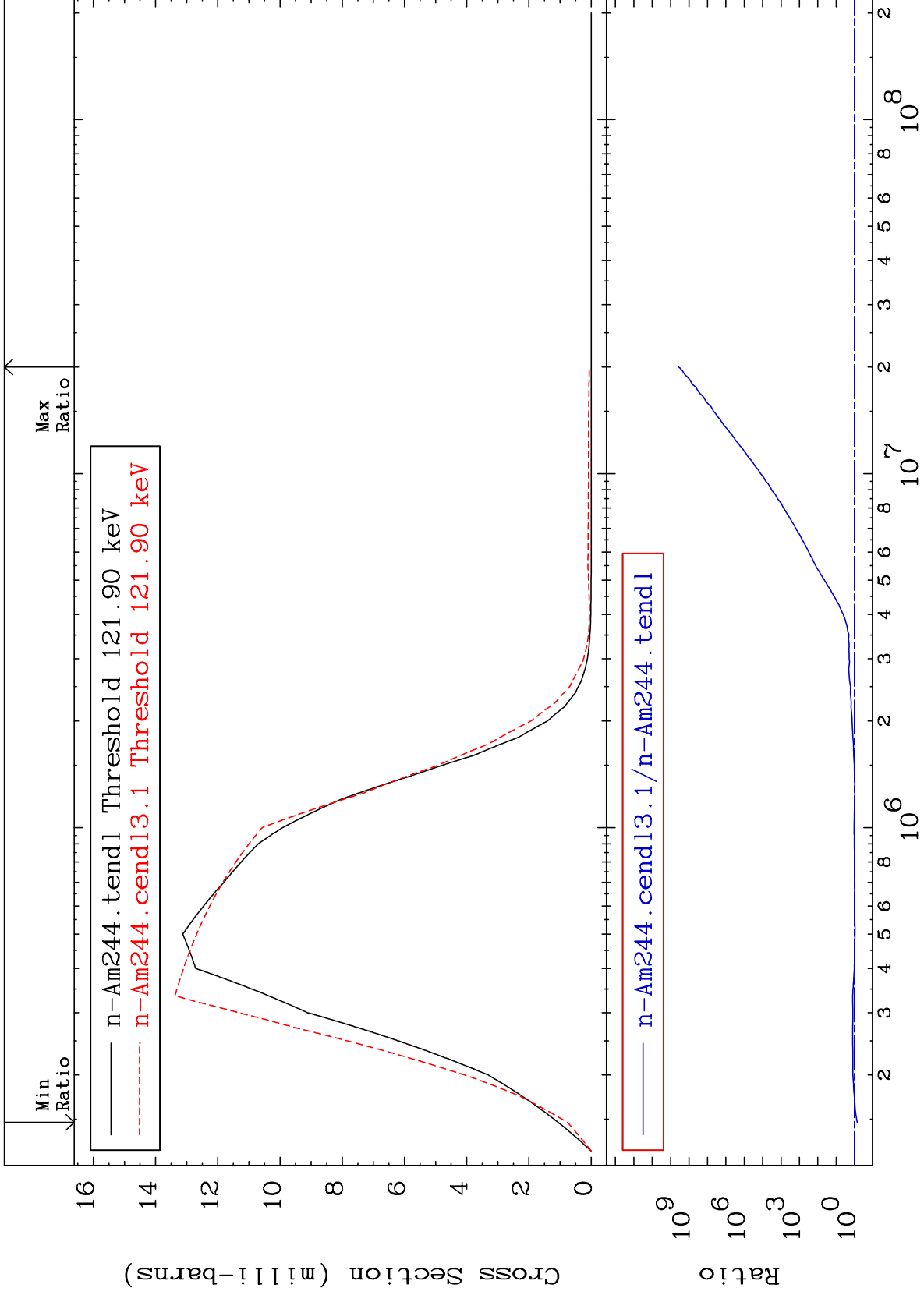
95-Am-244  
-99.57 To 255.7 %



MAT 9552

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

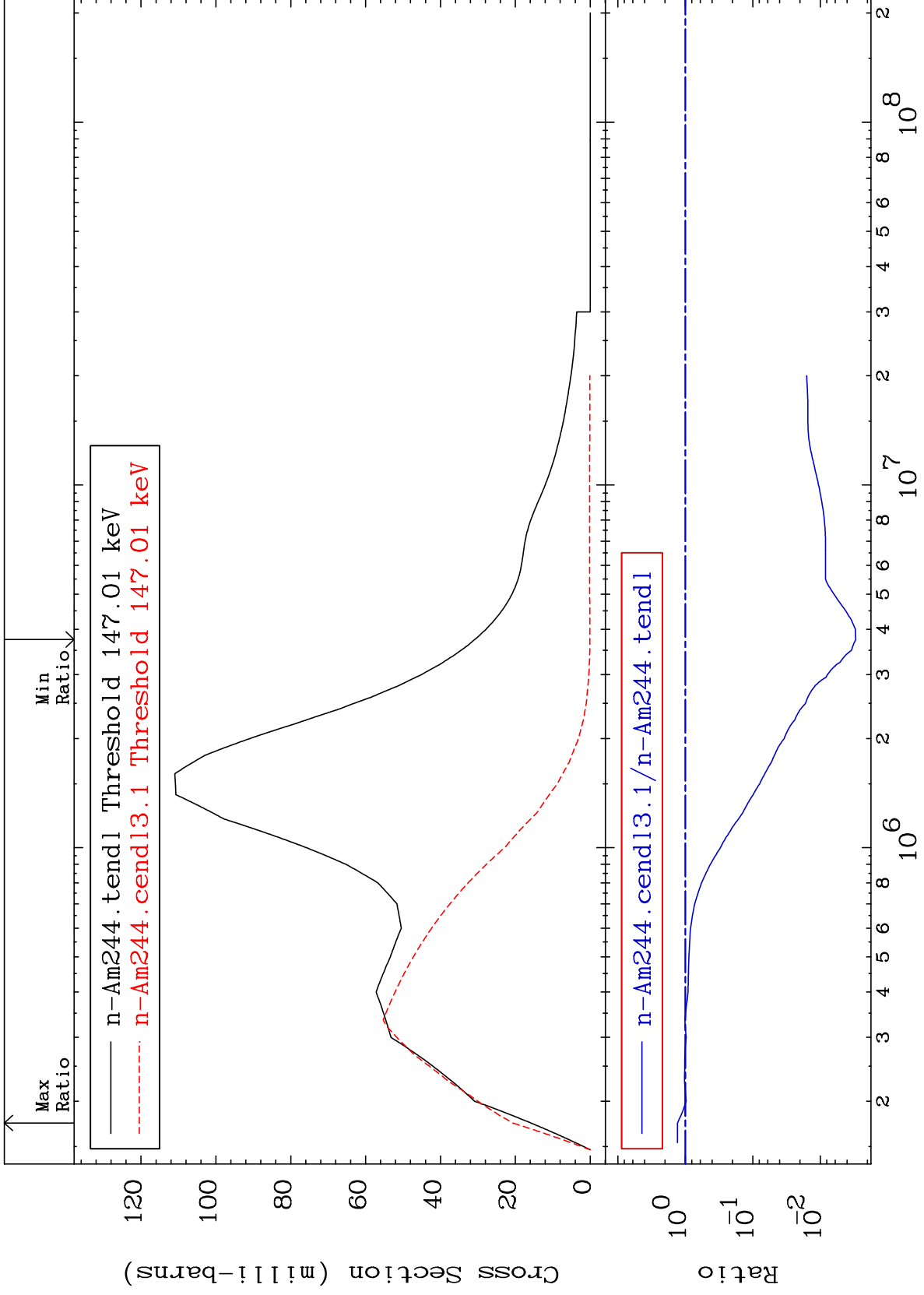
95-Am-244  
-28.09 To 9999. %



MAT 9552

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

95-Am-244  
-99.70 To 30.51 %



10

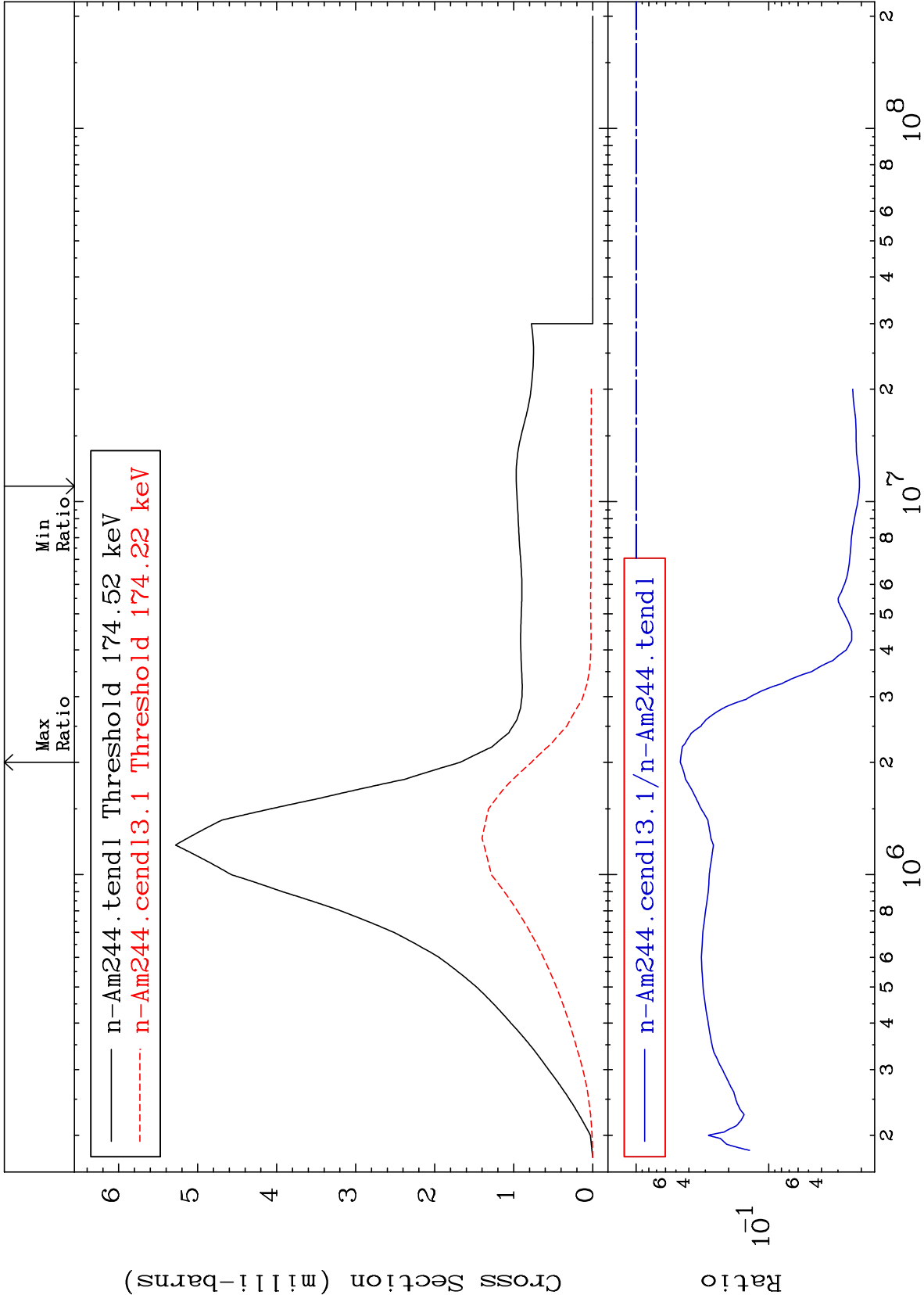
Incident Energy (eV)

95-Am-244

MAT 9552

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

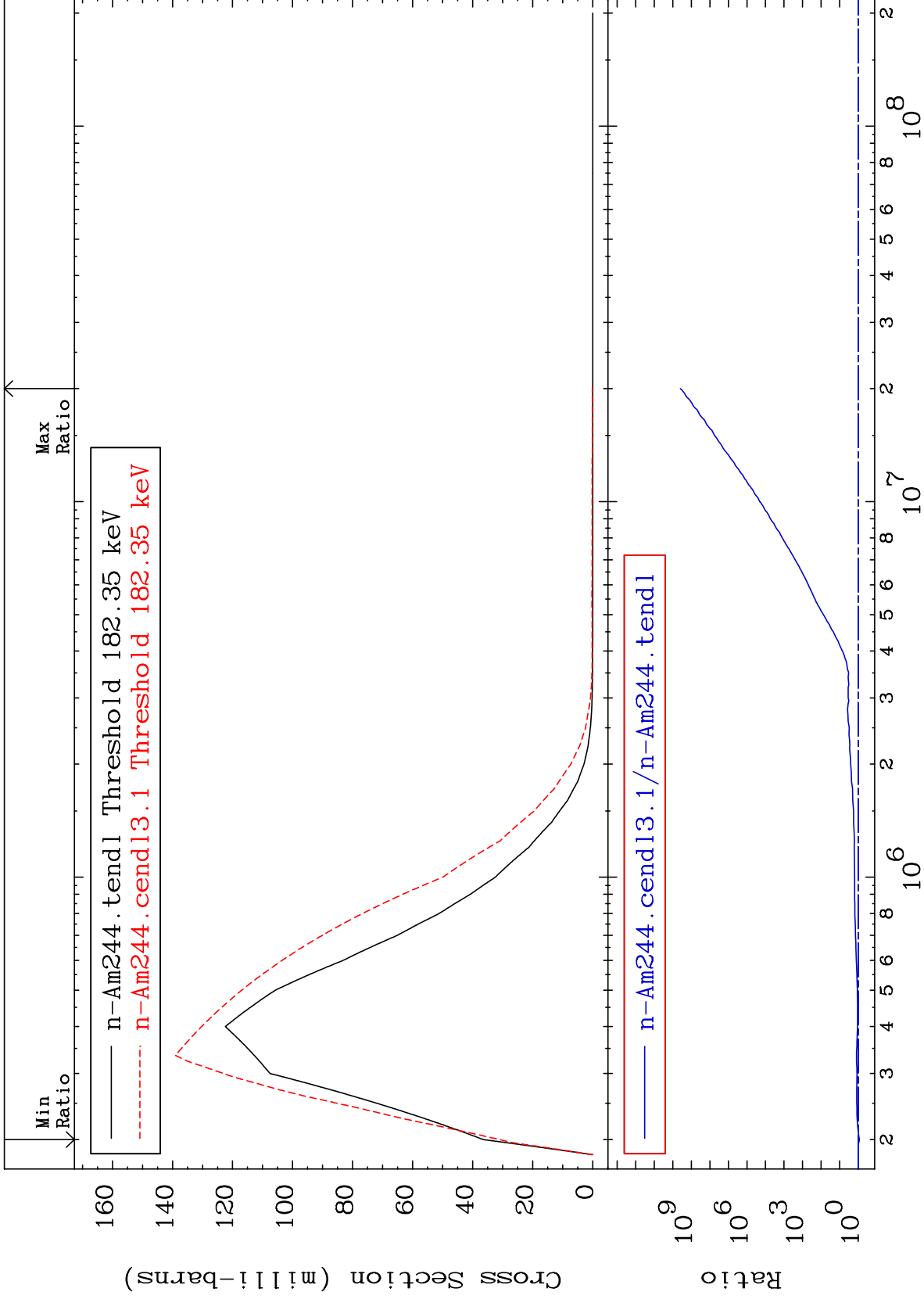
95-Am-244  
-97.93 To -53.69%



MAT 9552

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

95-Am-244  
-14.92 To 9999. %



12

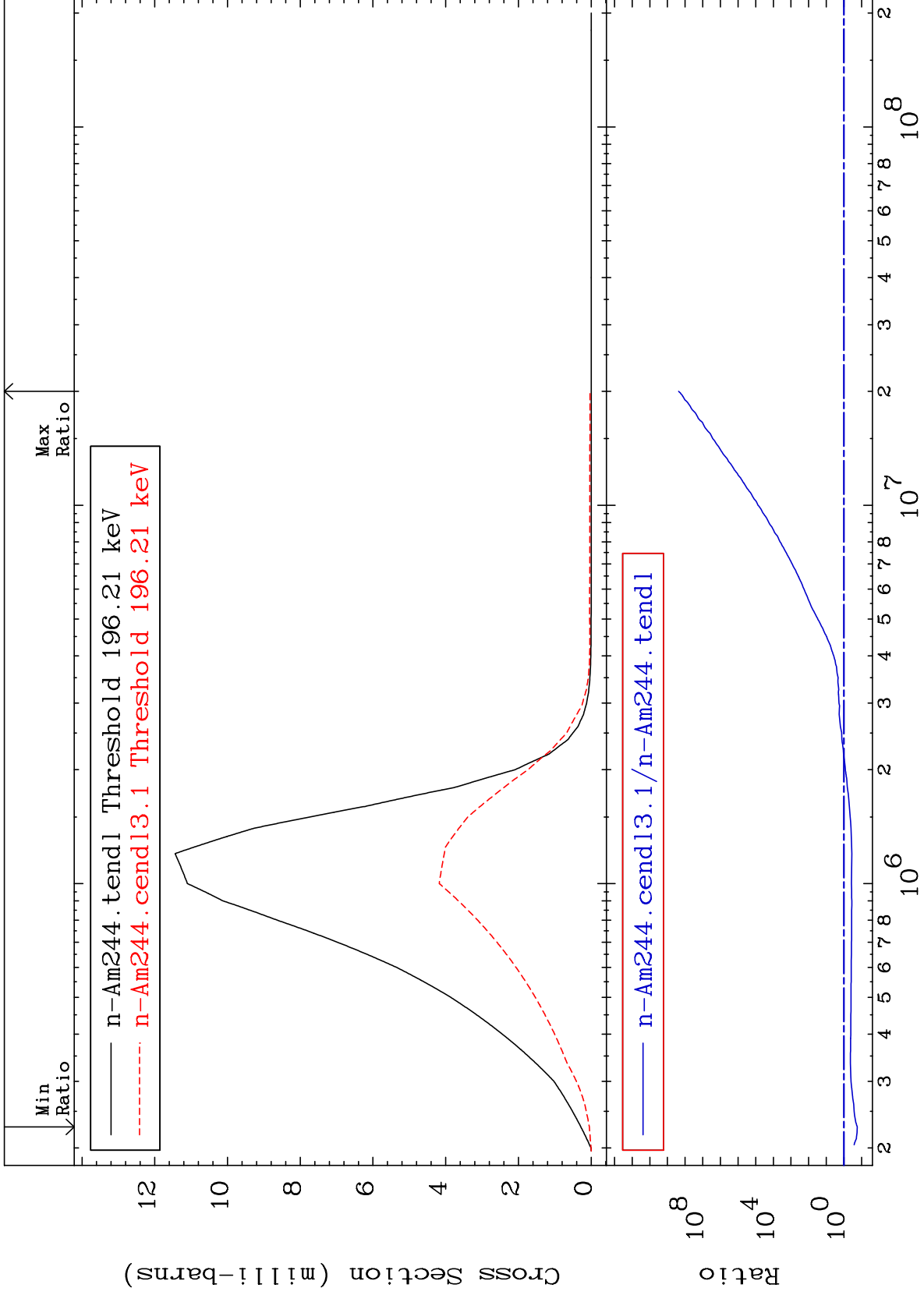
Incident Energy (eV)

95-Am-244

MAT 9552

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

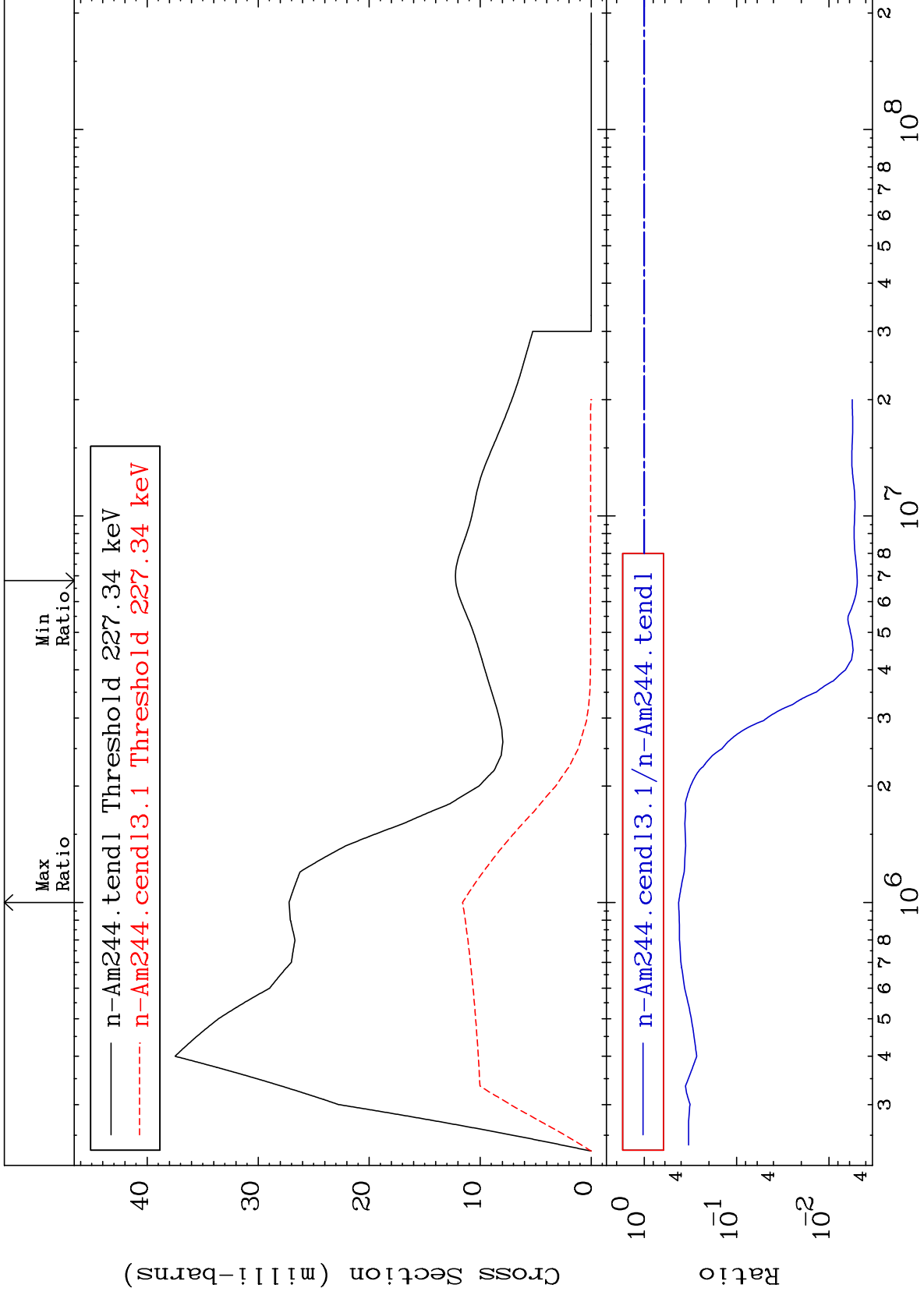
95-Am-244  
-82.42 To 9999. %



MAT 9552

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

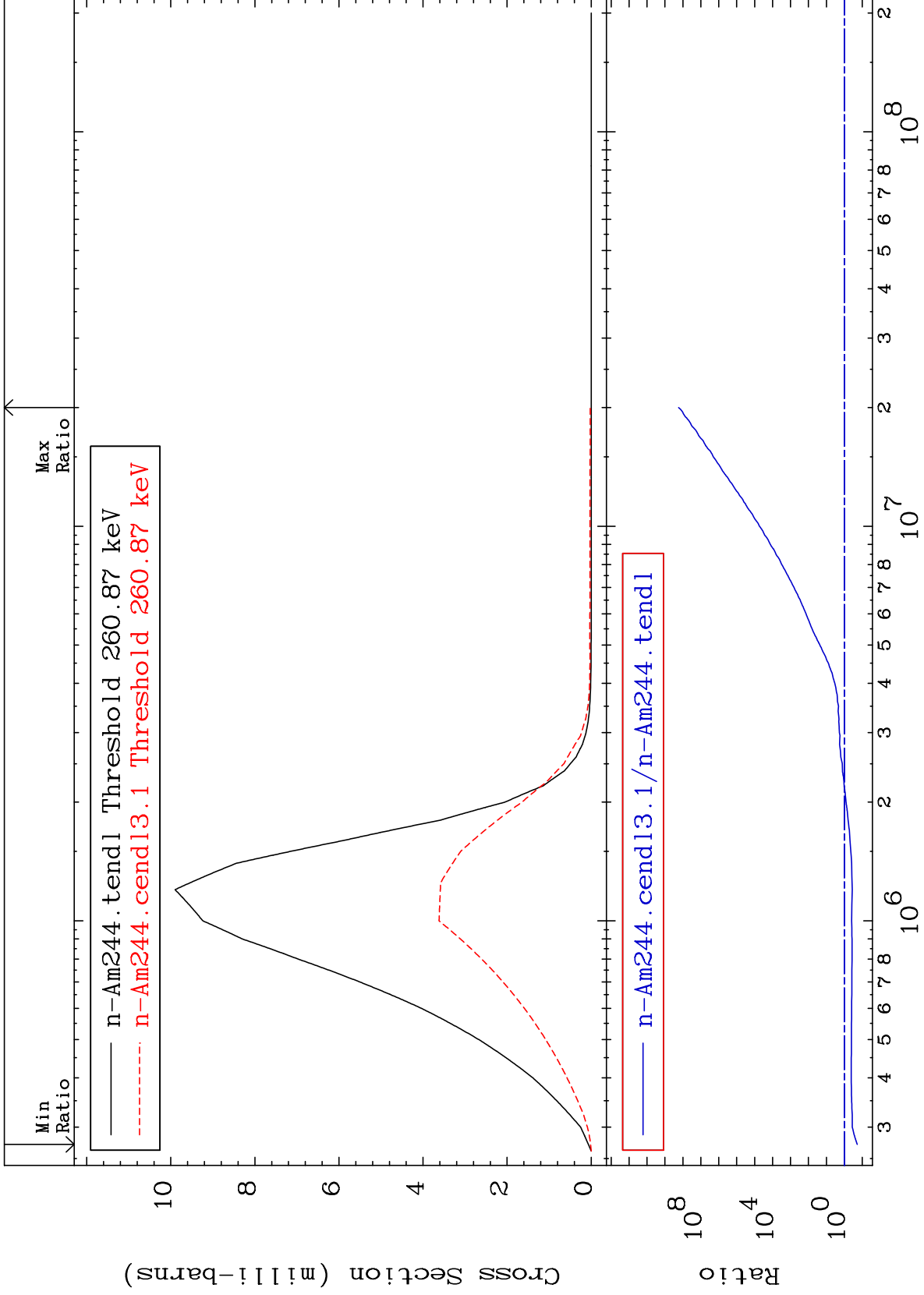
95-Am-244  
-99.51 To -57.45%



MAT 9552

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

95-Am-244  
-80.94 To 9999. %

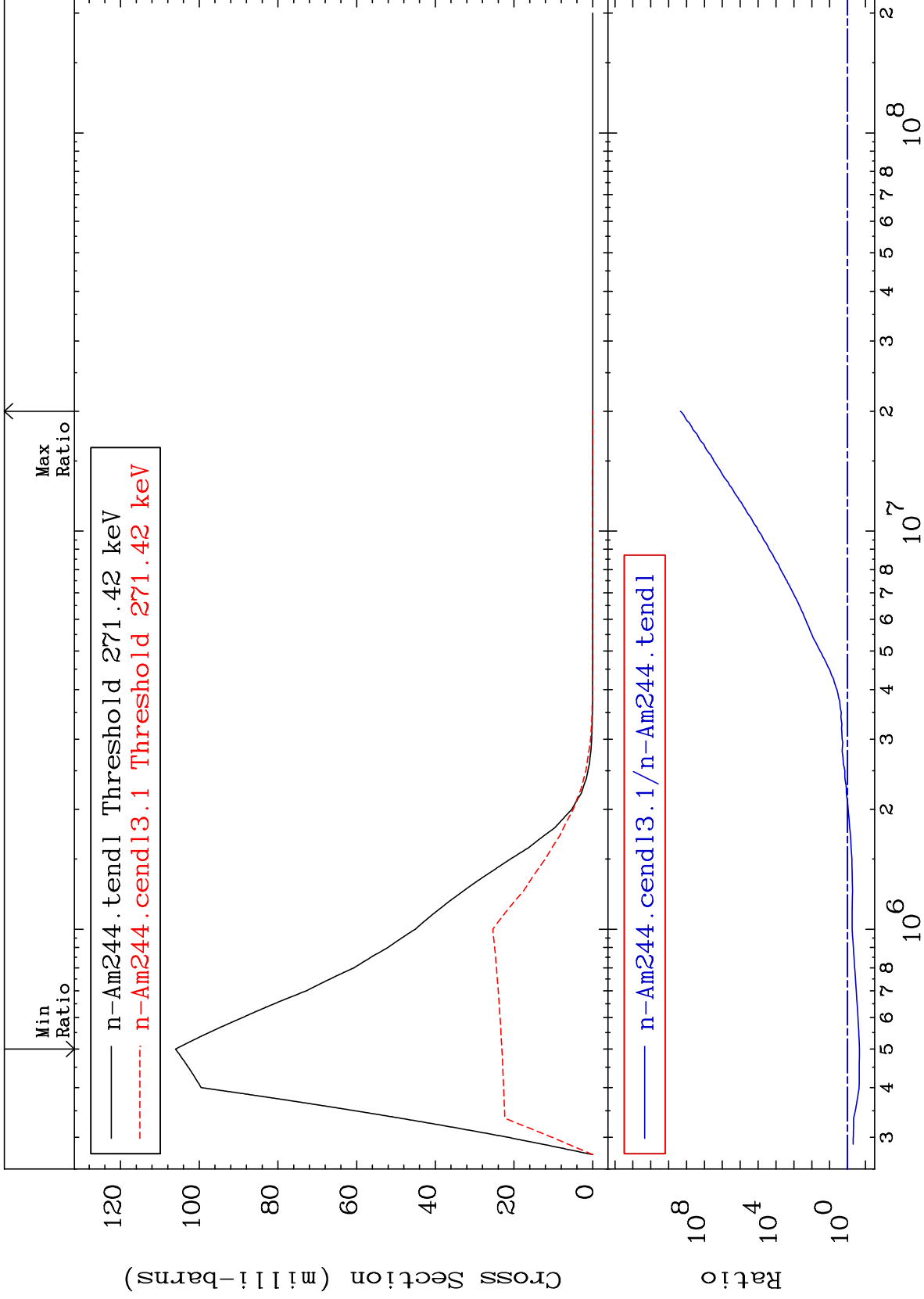


95-Am-244

MAT 9552

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

95-Am-244  
-78.23 To 9999. %



16

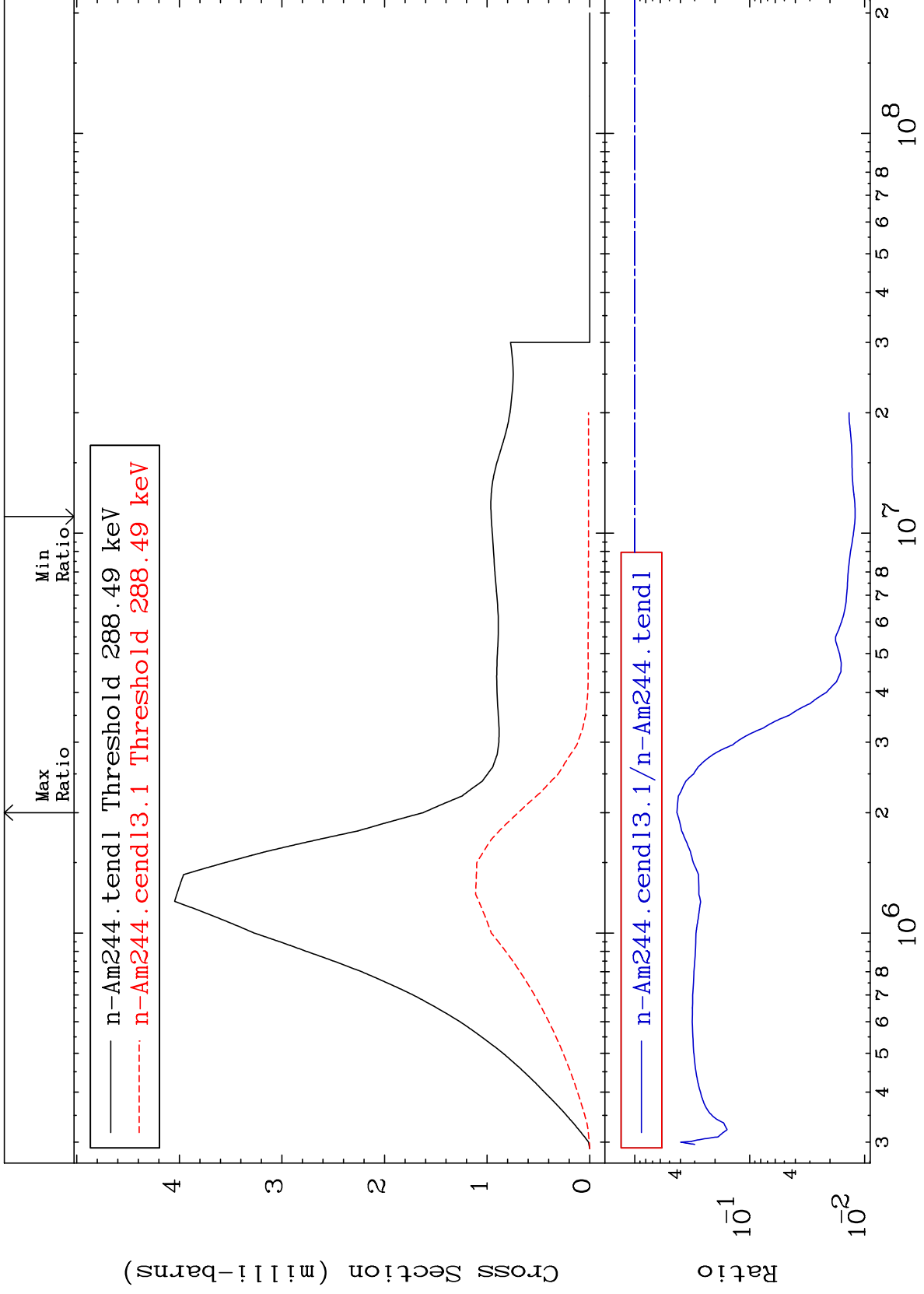
Incident Energy (eV)

95-Am-244

MAT 9552

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

95-Am-244  
-98.79 To -57.07%



17

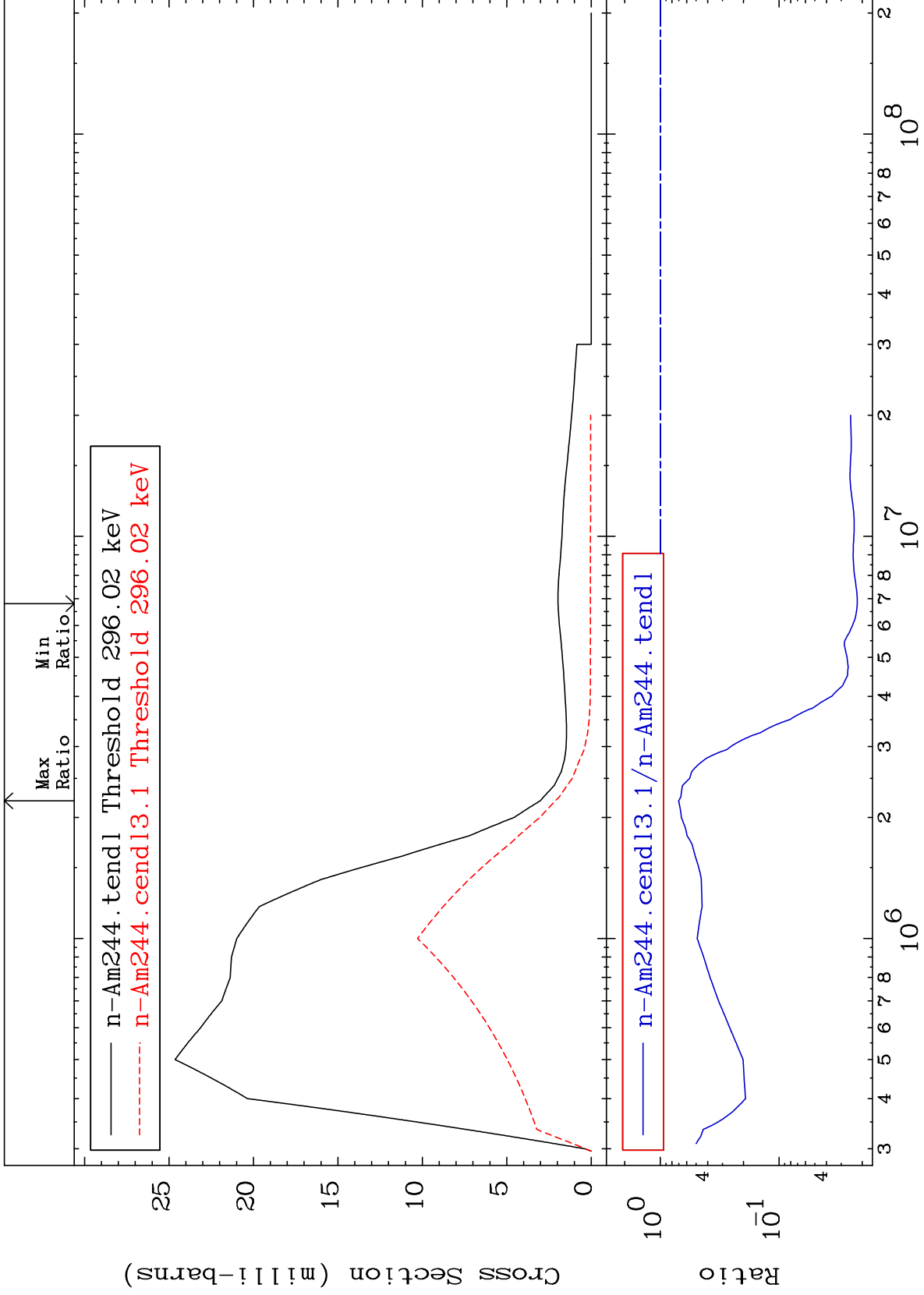
Incident Energy (eV)

95-Am-244

MAT 9552

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

95-Am-244  
-97.80 To -29.80%



18

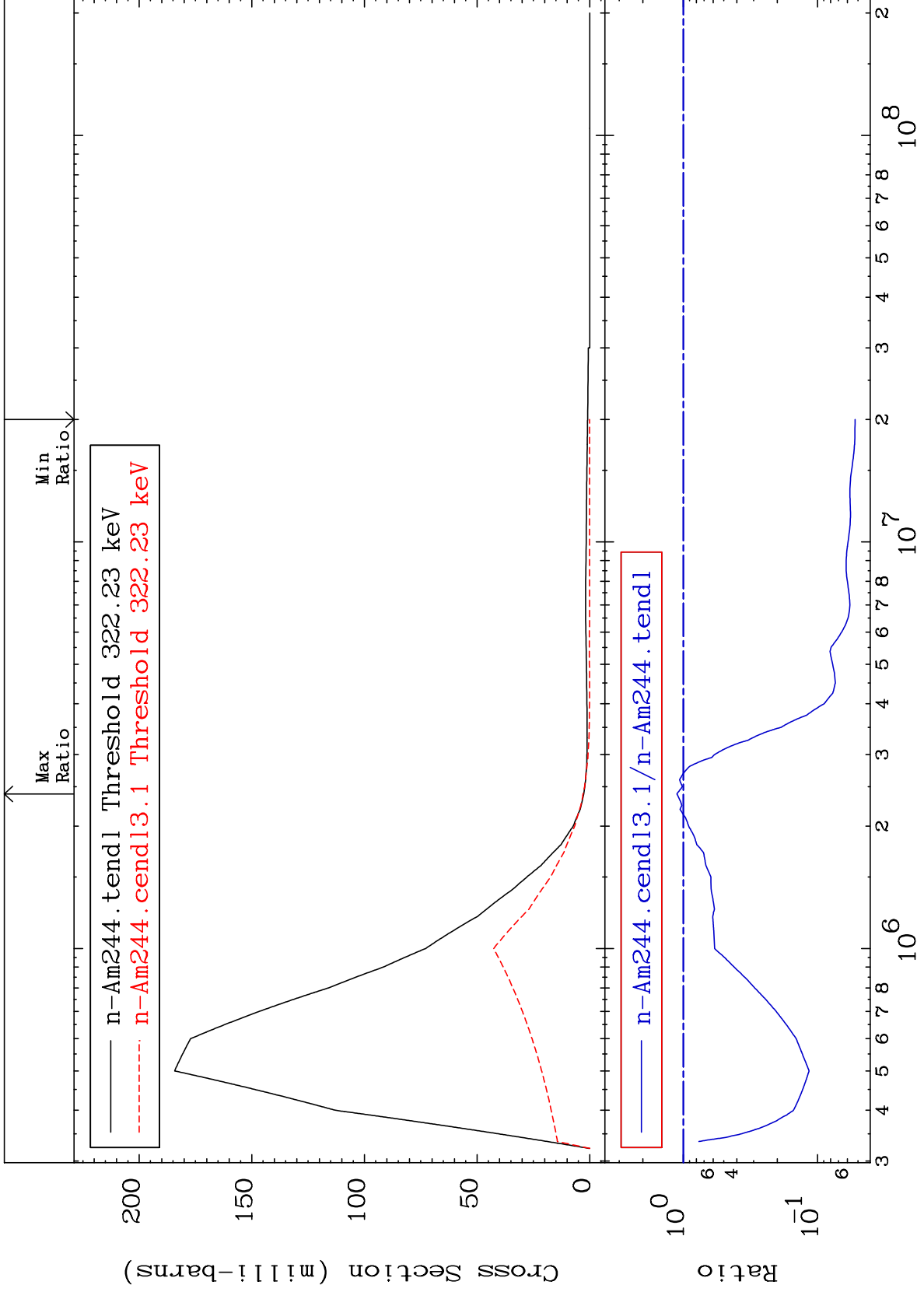
Incident Energy (eV)

95-Am-244

MAT 9552

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

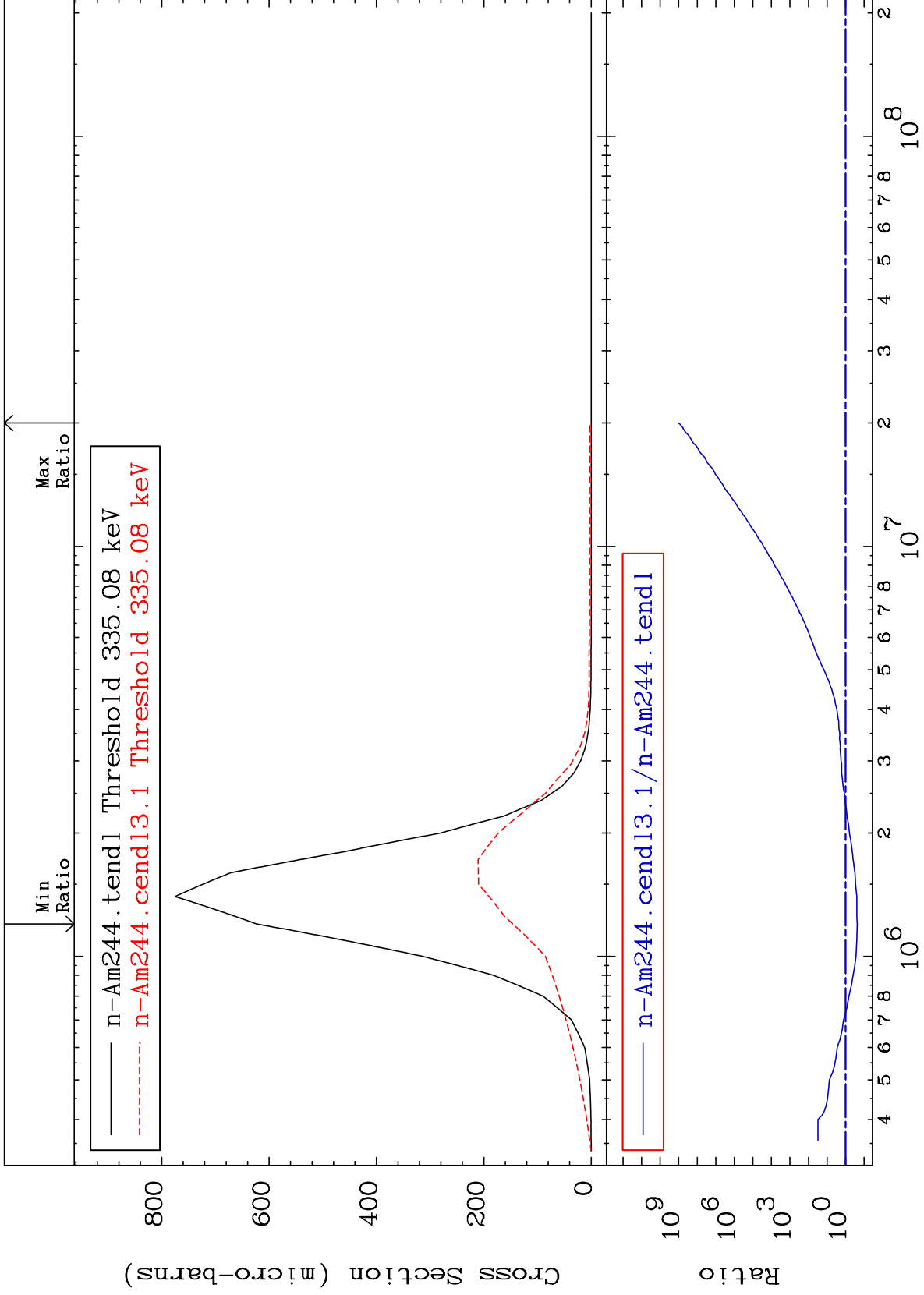
95-Am-244  
-94.74 To 11.56 %



MAT 9552

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

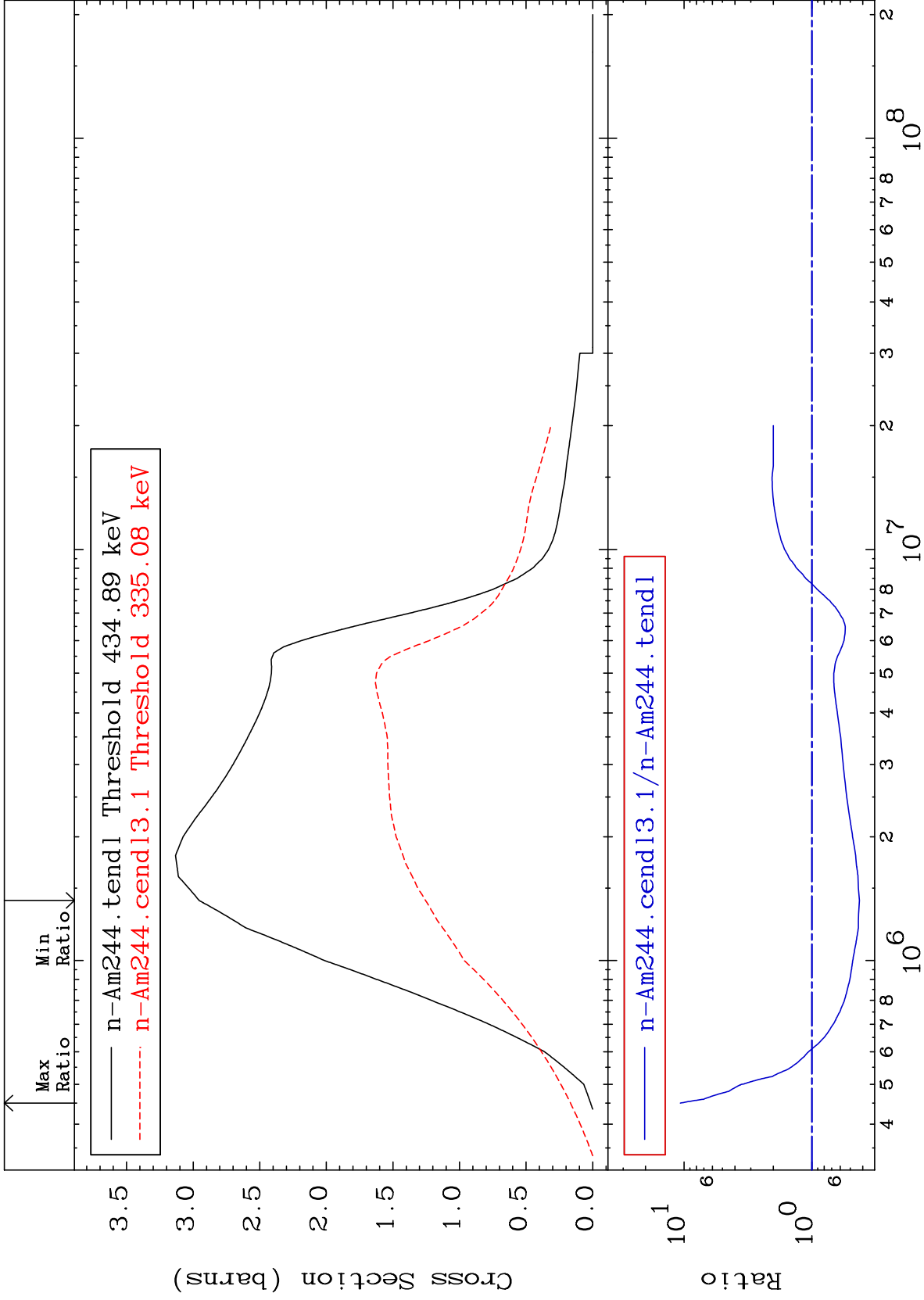
95-Am-244  
-76.59 To 9999. %



MAT 9552

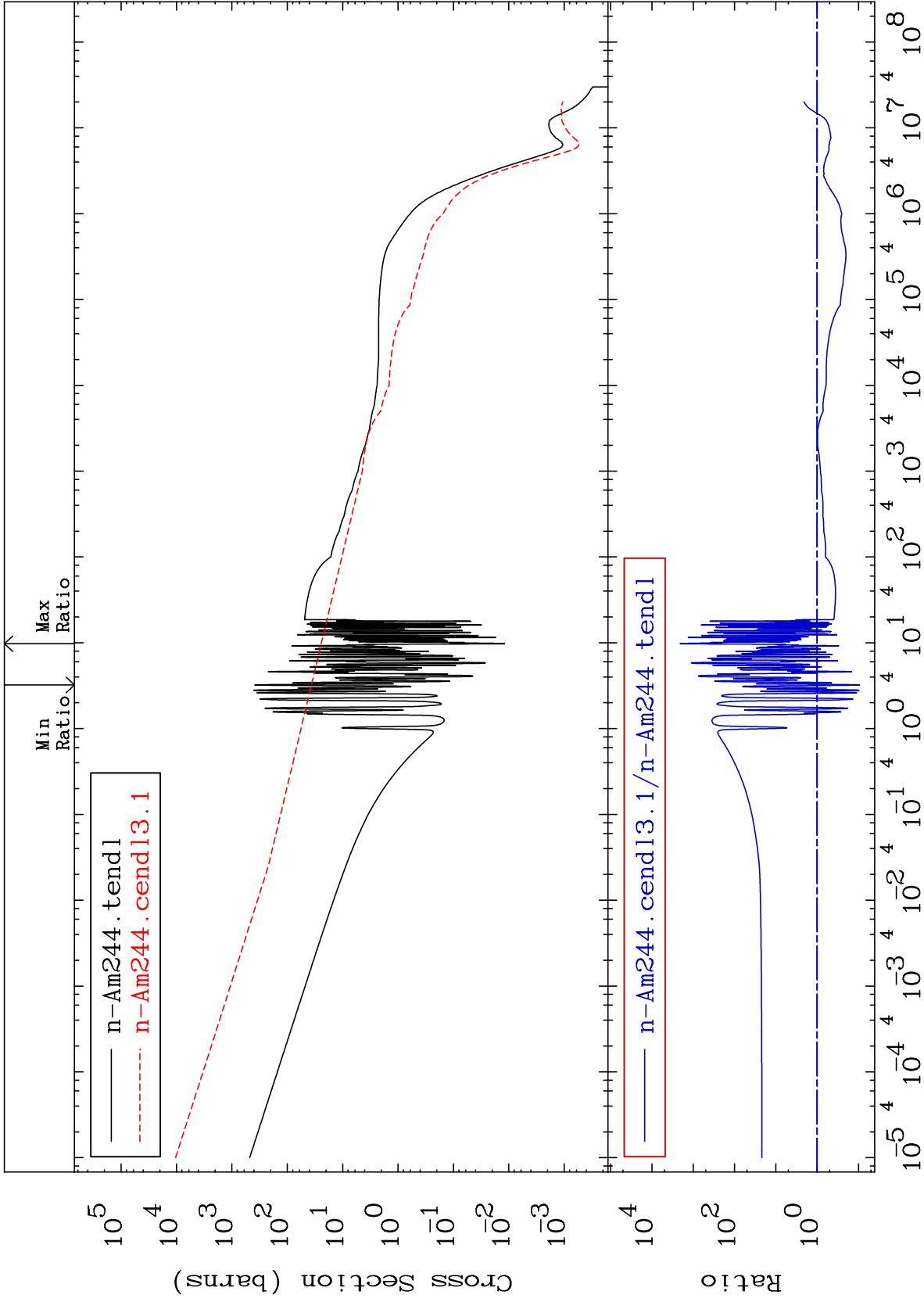
(n, n') Continuum  
Cross Section

95-Am-244  
-57.55 To 969.0 %



MAT 9552

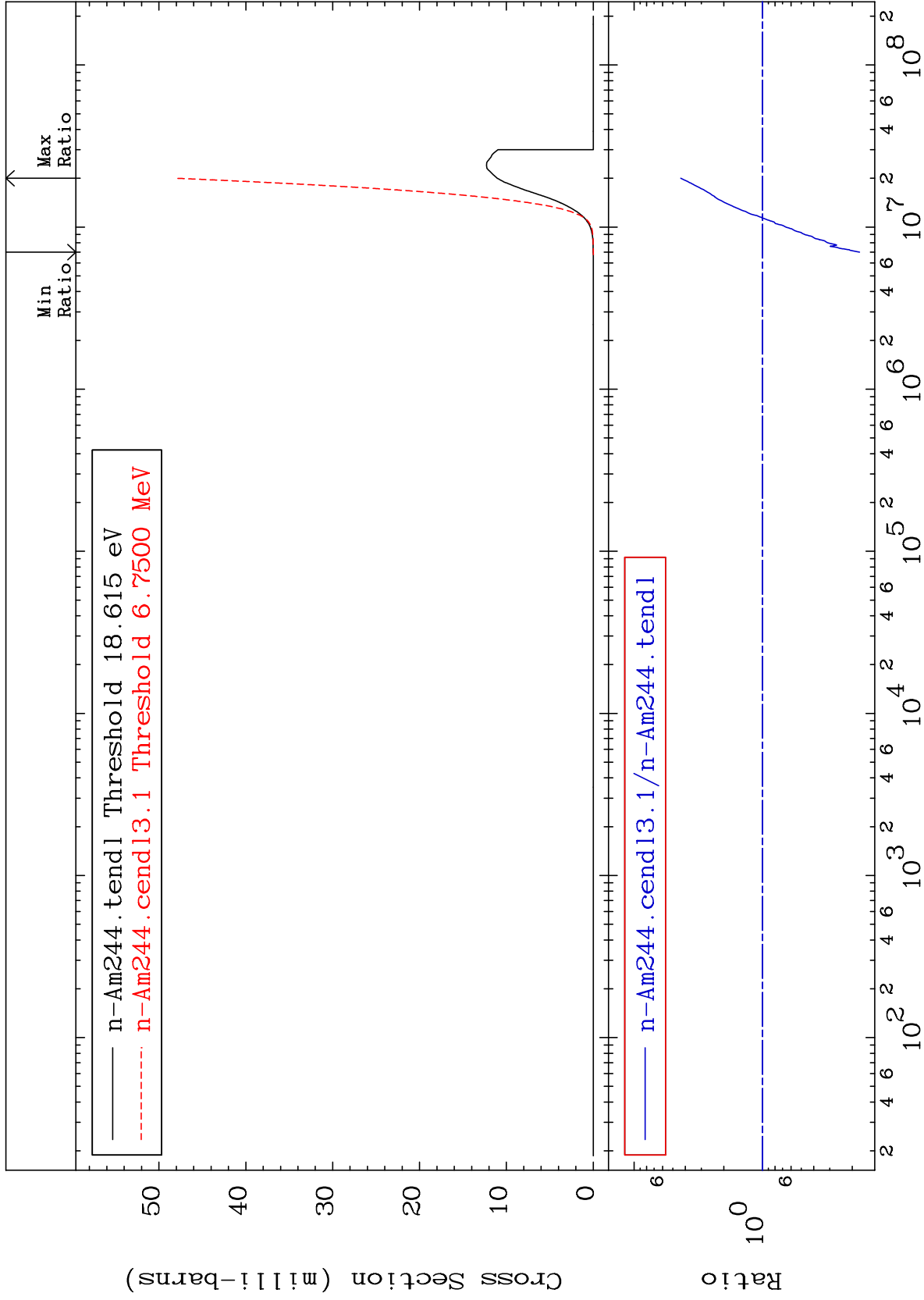
(n,  $\gamma$ )  
Cross Section  
-90.50 To 9999. %  
95-Am-244



MAT 9552

(n,p)  
Cross Section

95-Am-244  
-82.44 To 333.5 %

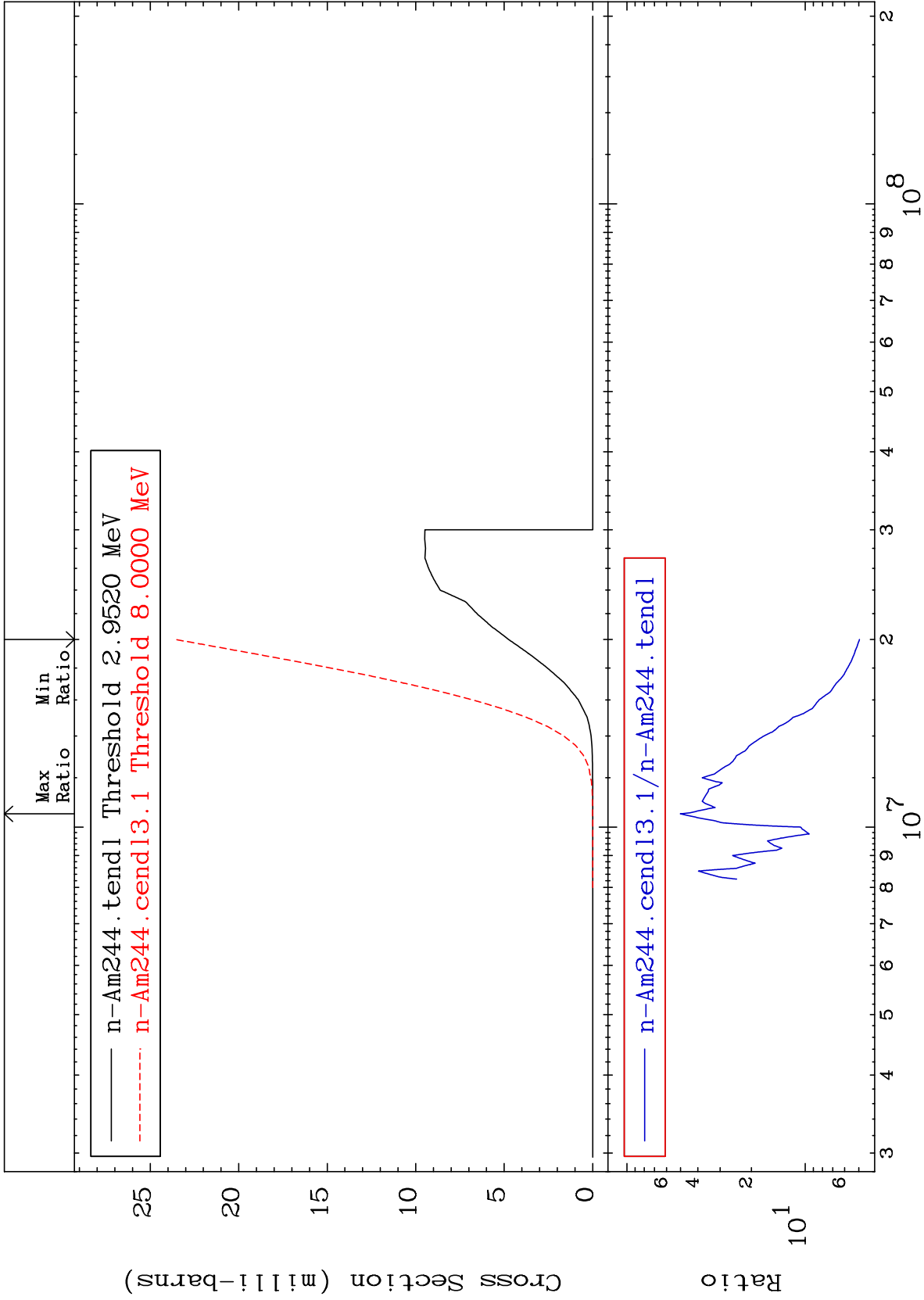


MAT 9552

95-Am-244

395.9 To 4915. %

(n, d)  
Cross Section

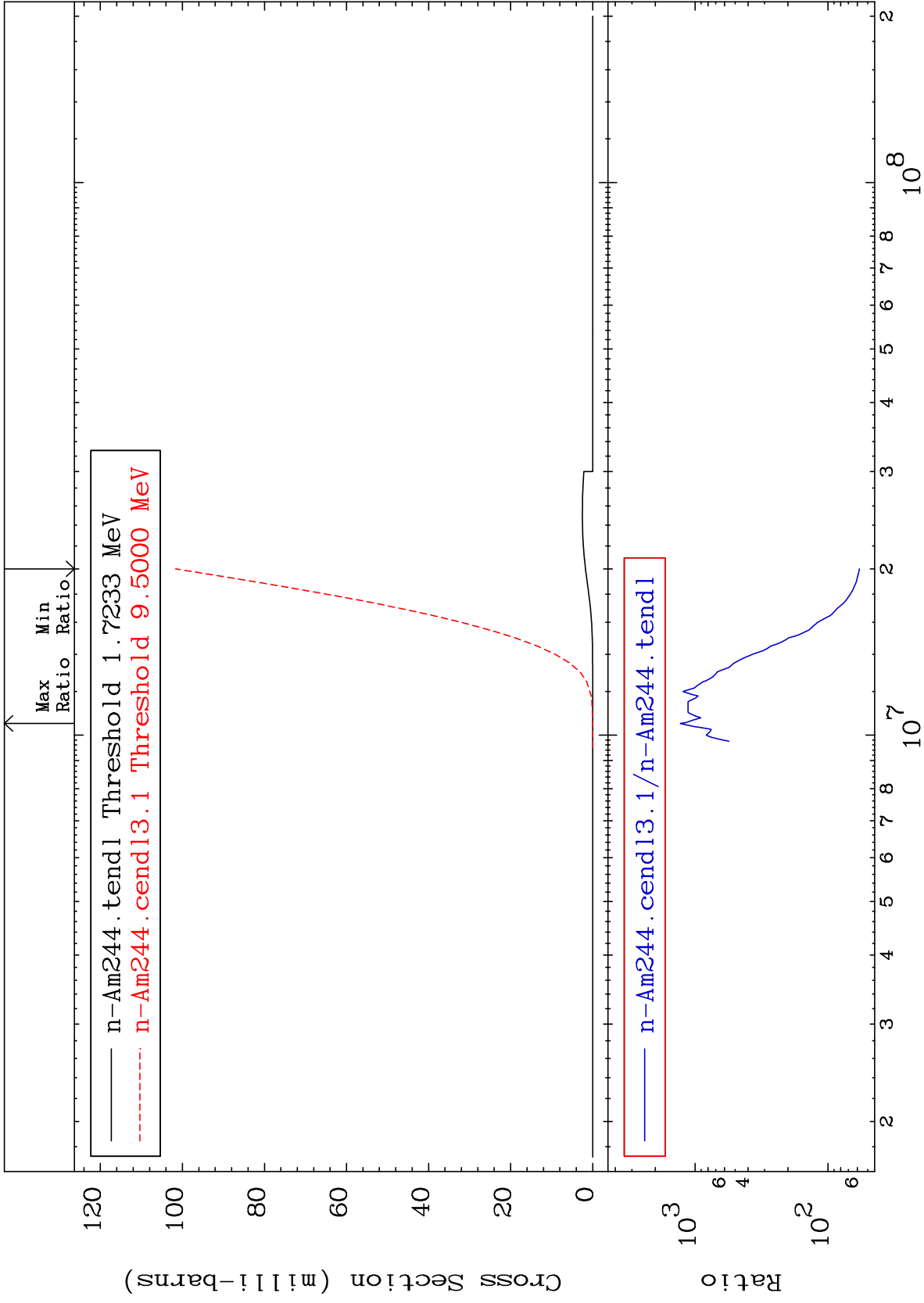


24

95-Am-244

MAT 9552

(n, t)  
Cross Section  
95-Am-244  
5685. To 9999. %



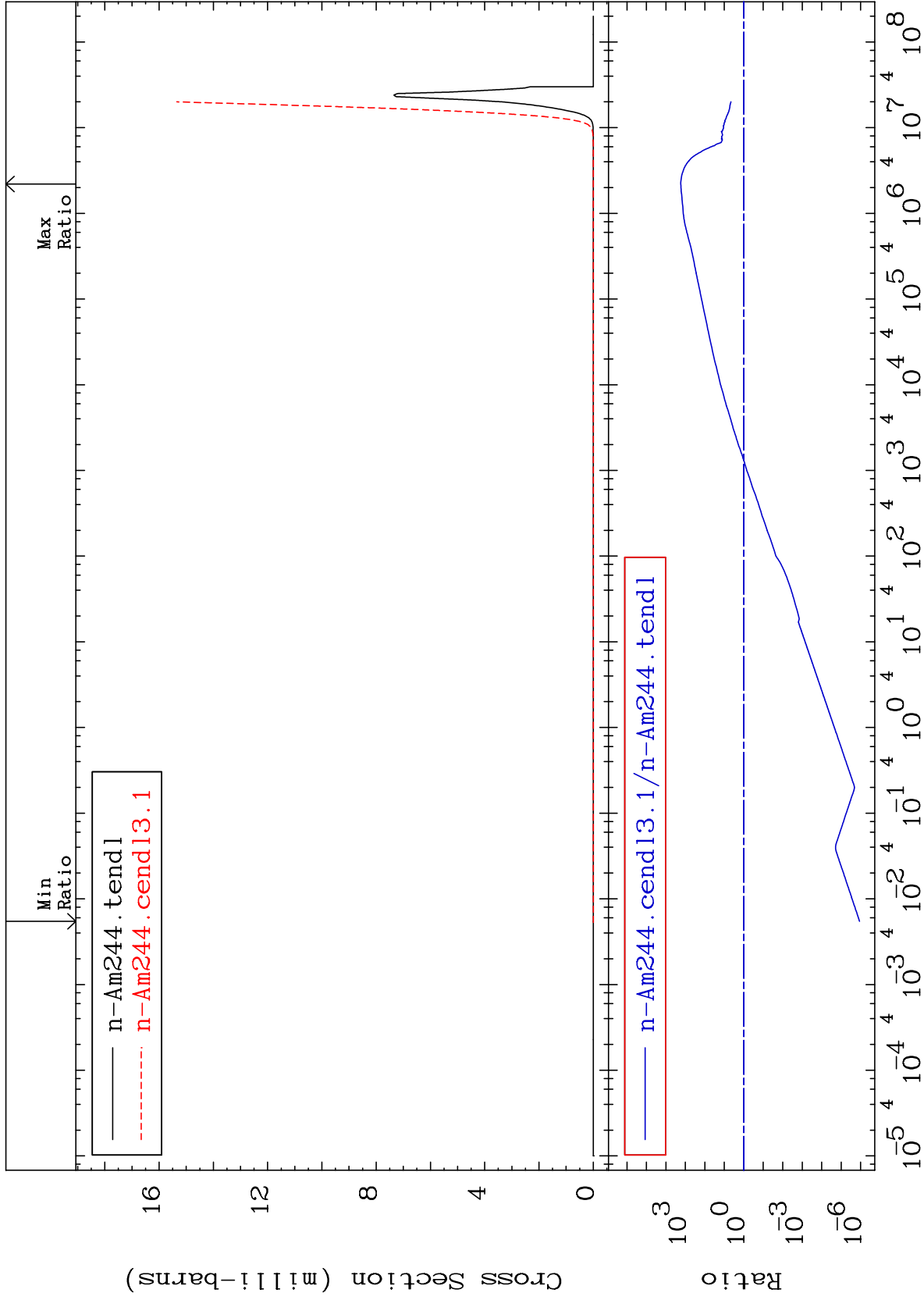
MAT 9552

(n,  $\alpha$ )

95-Am-244

Cross Section

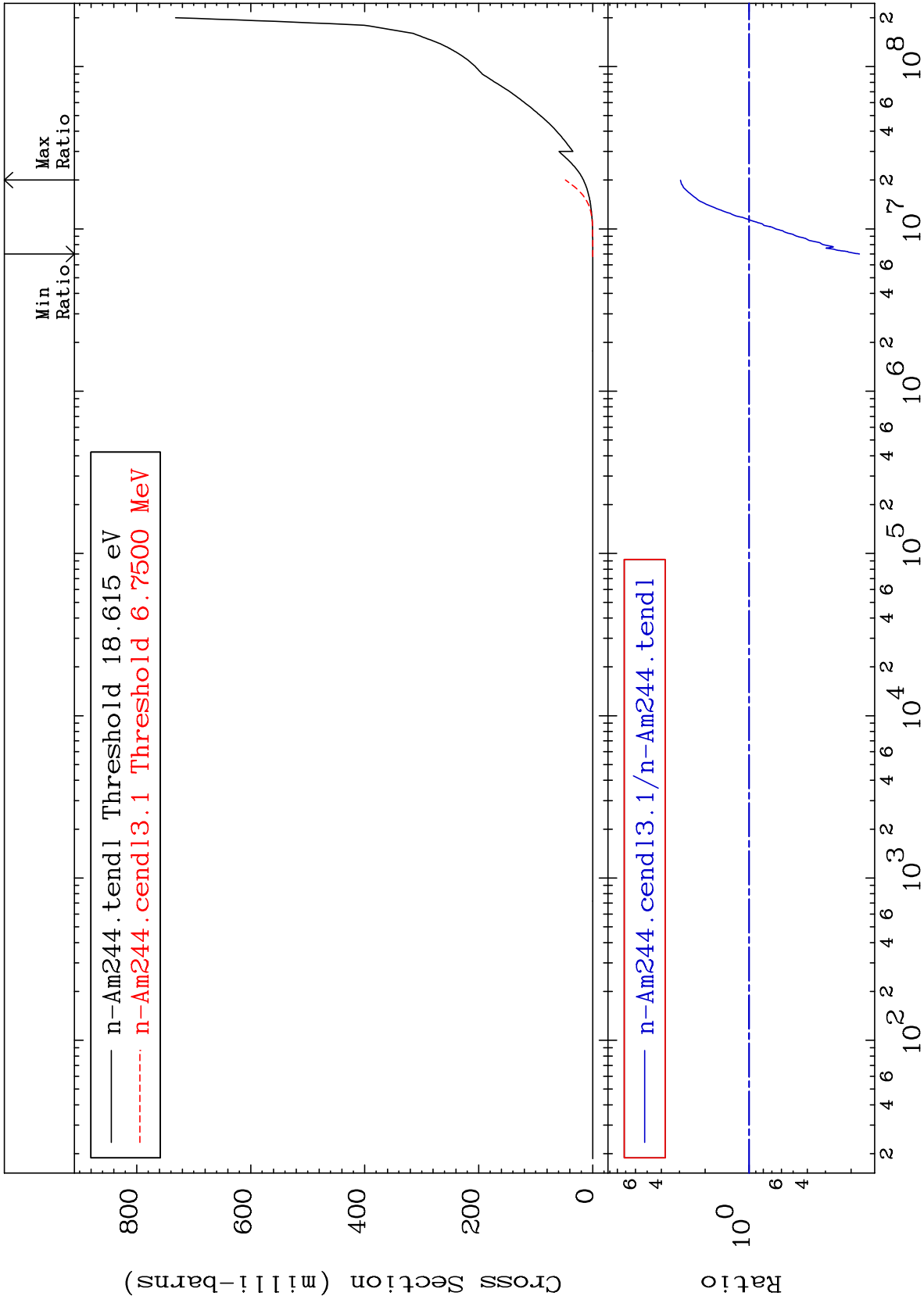
-100.0 To 9999. %

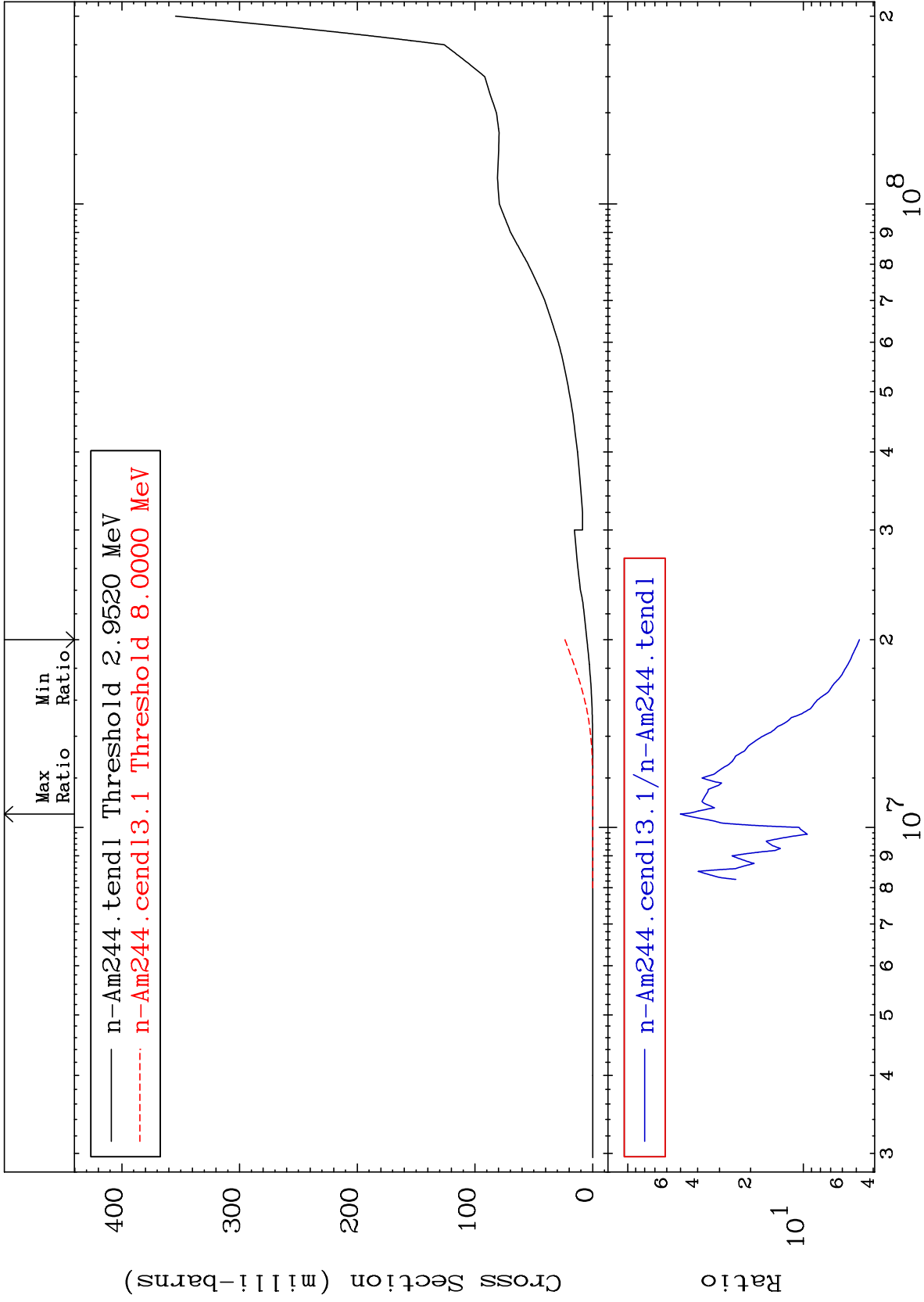


MAT 9552

### Hydrogen Production Cross Section

95-Am-244  
-82.44 To 195.9 %

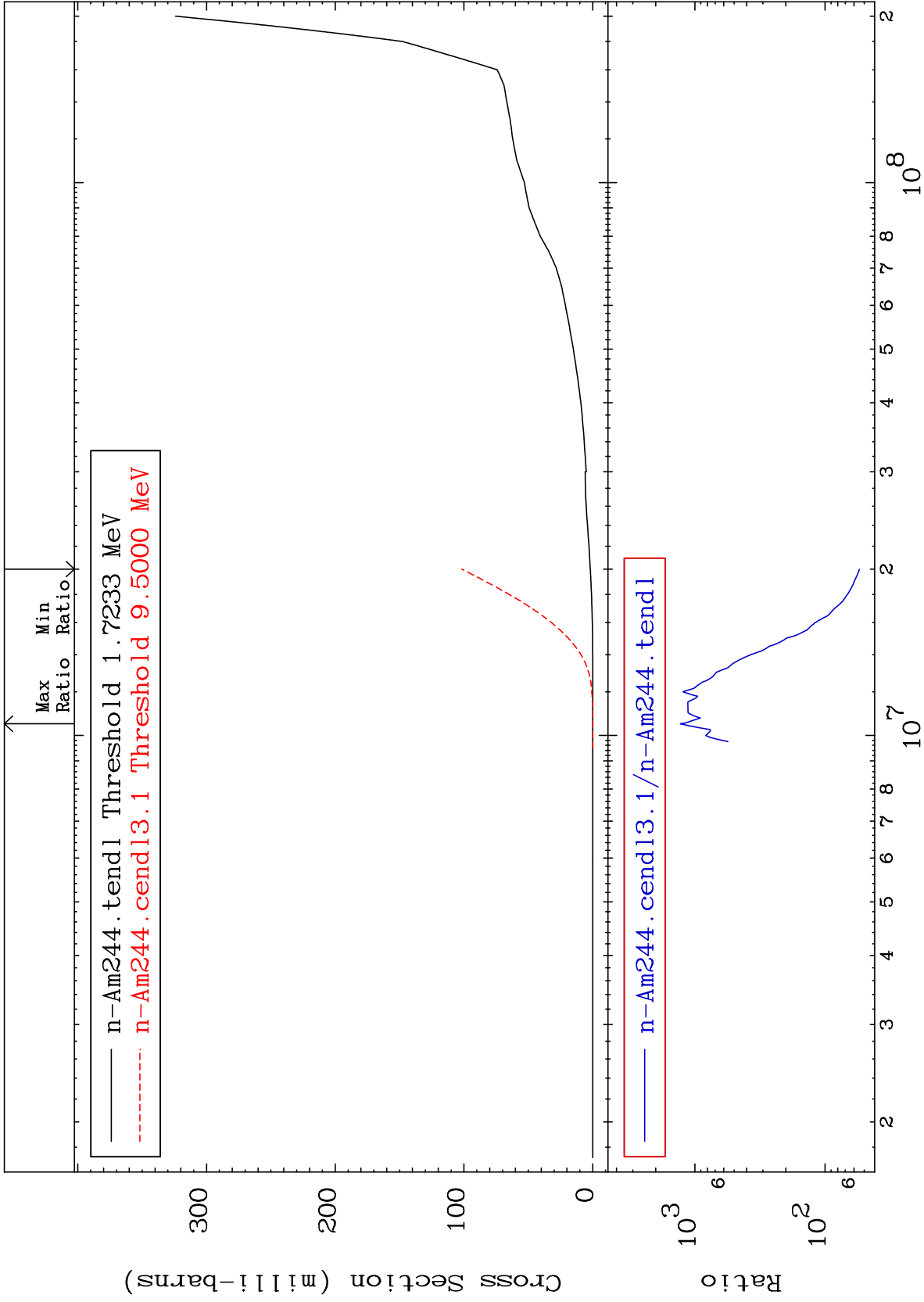




MAT 9552

Tritium Production  
Cross Section

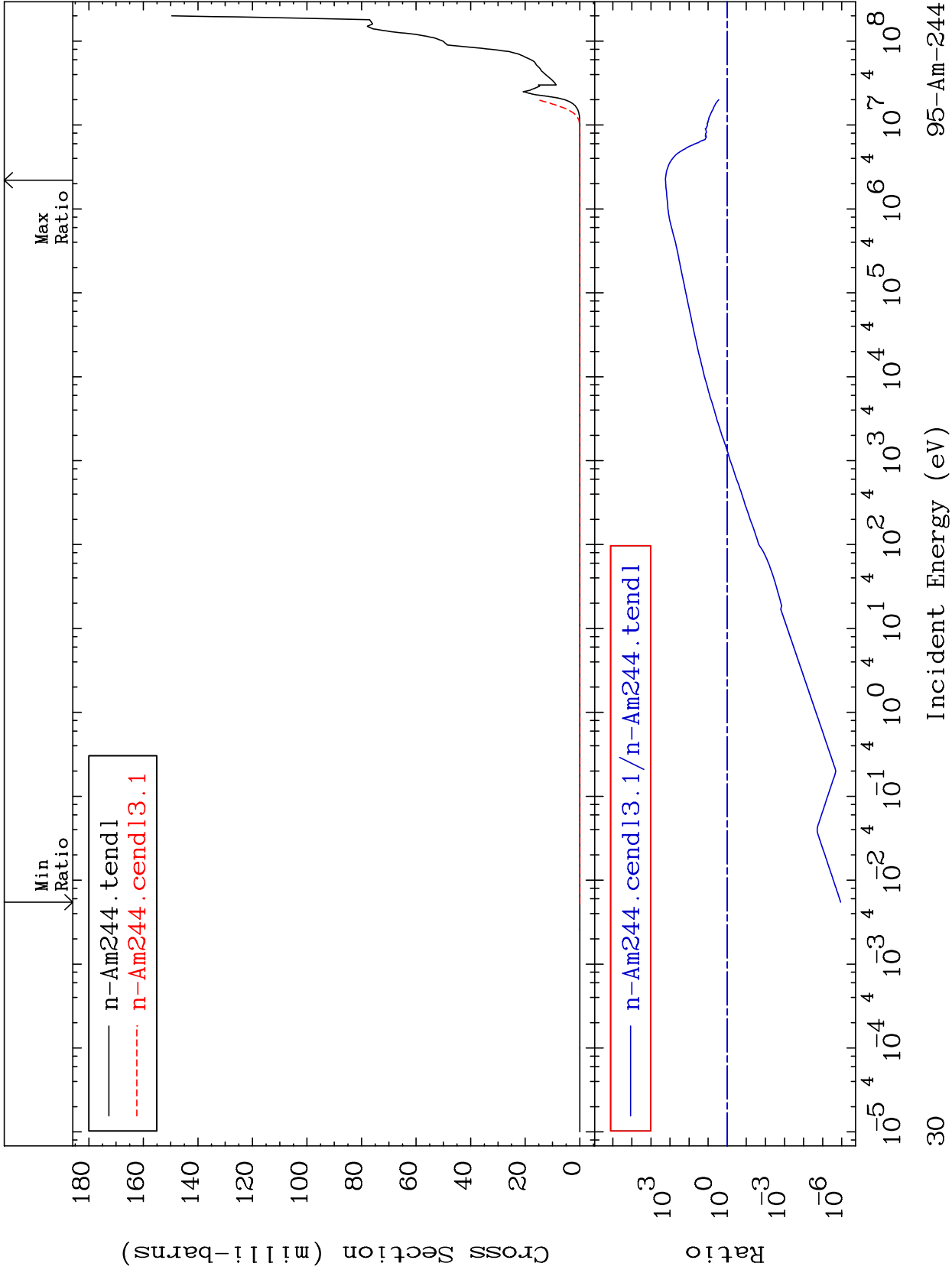
95-Am-244  
5346. To 9999. %



MAT 9552

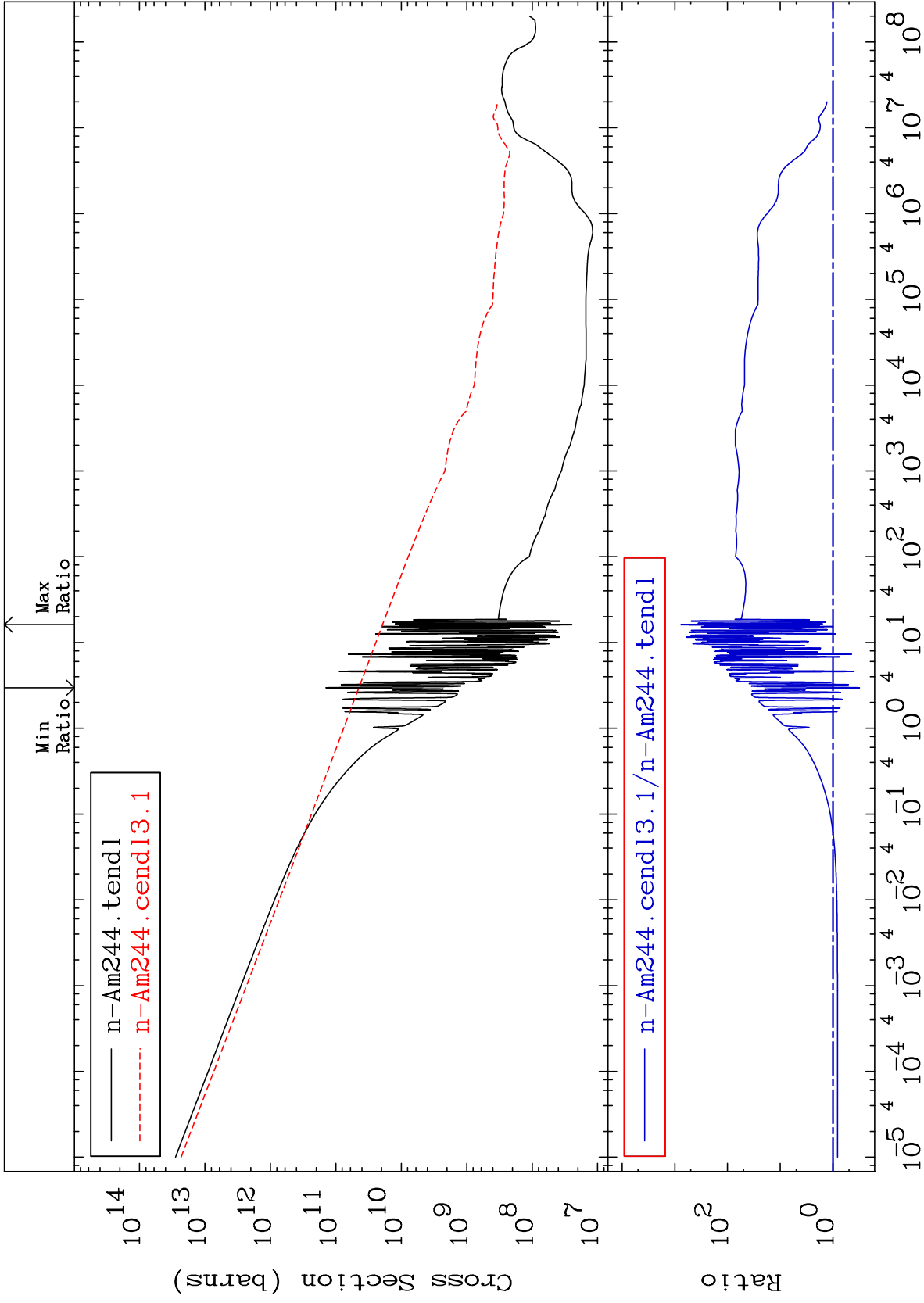
He-4 Production  
Cross Section

95-Am-244  
-100.0 To 9999. %



30

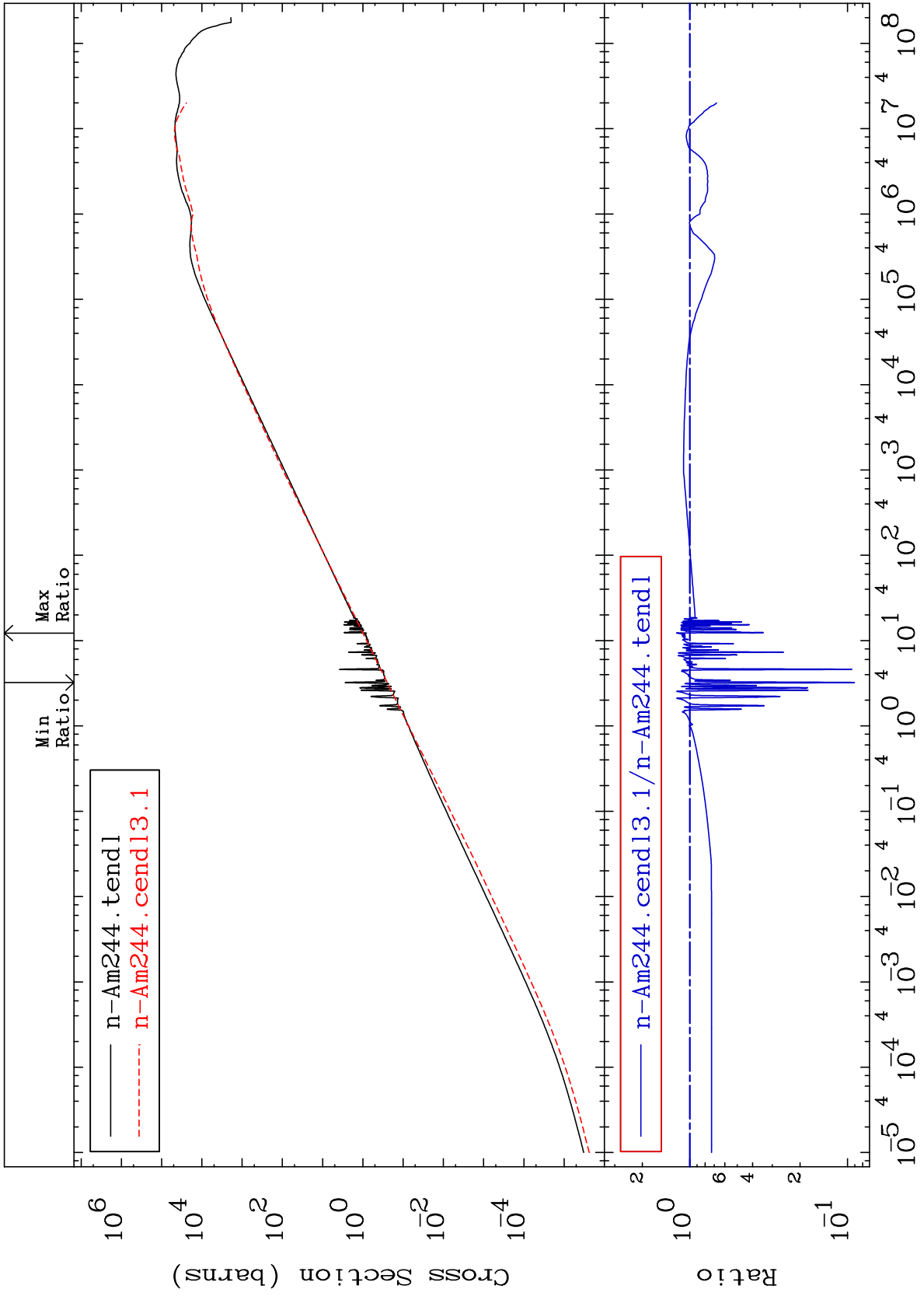
95-Am-244

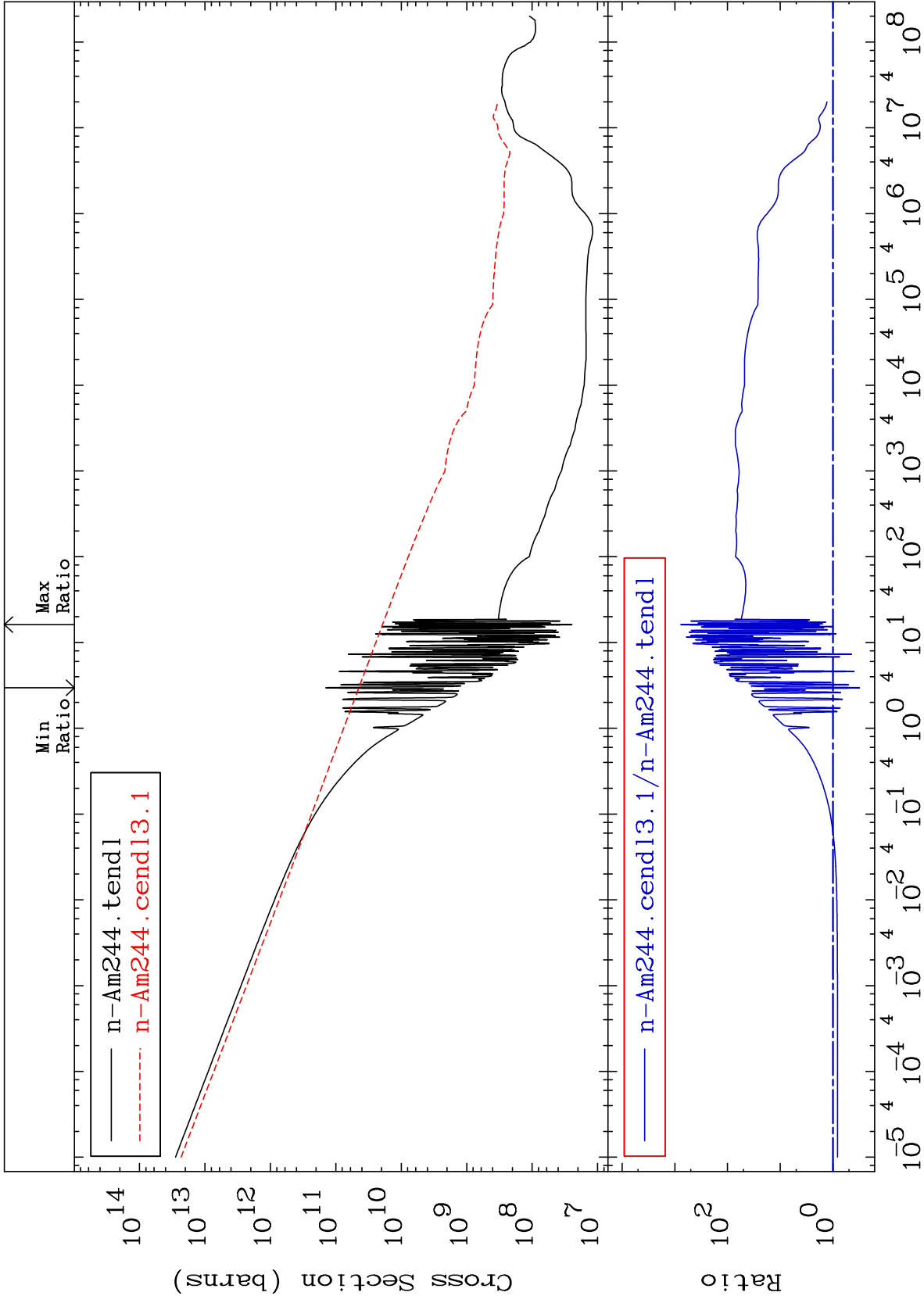


MAT 9552

Kerma elastic  
Cross Section

95-Am-244  
-90.96 To 21.80 %

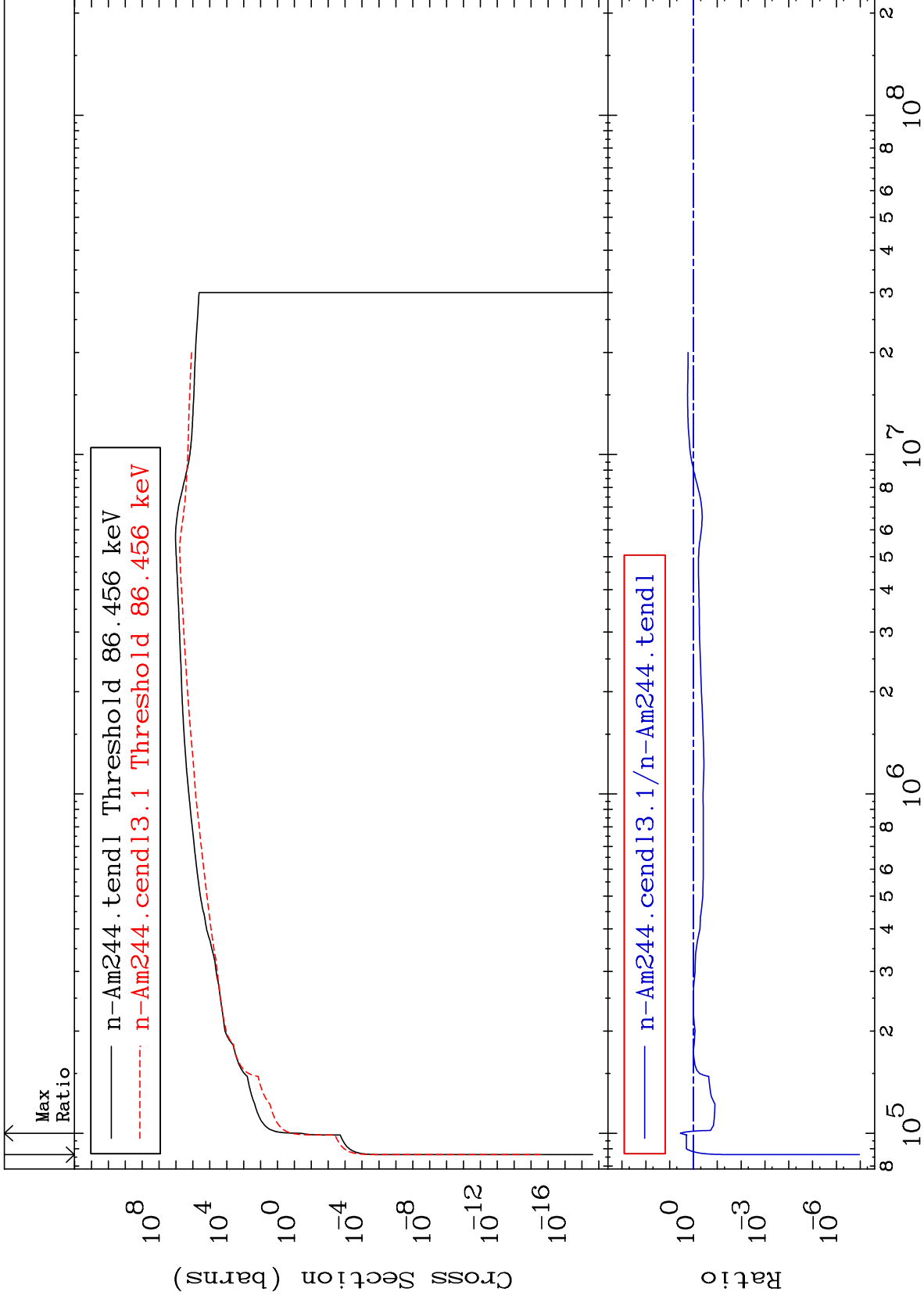




MAT 9552

Kerma inelastic (mt51-91)  
Cross Section

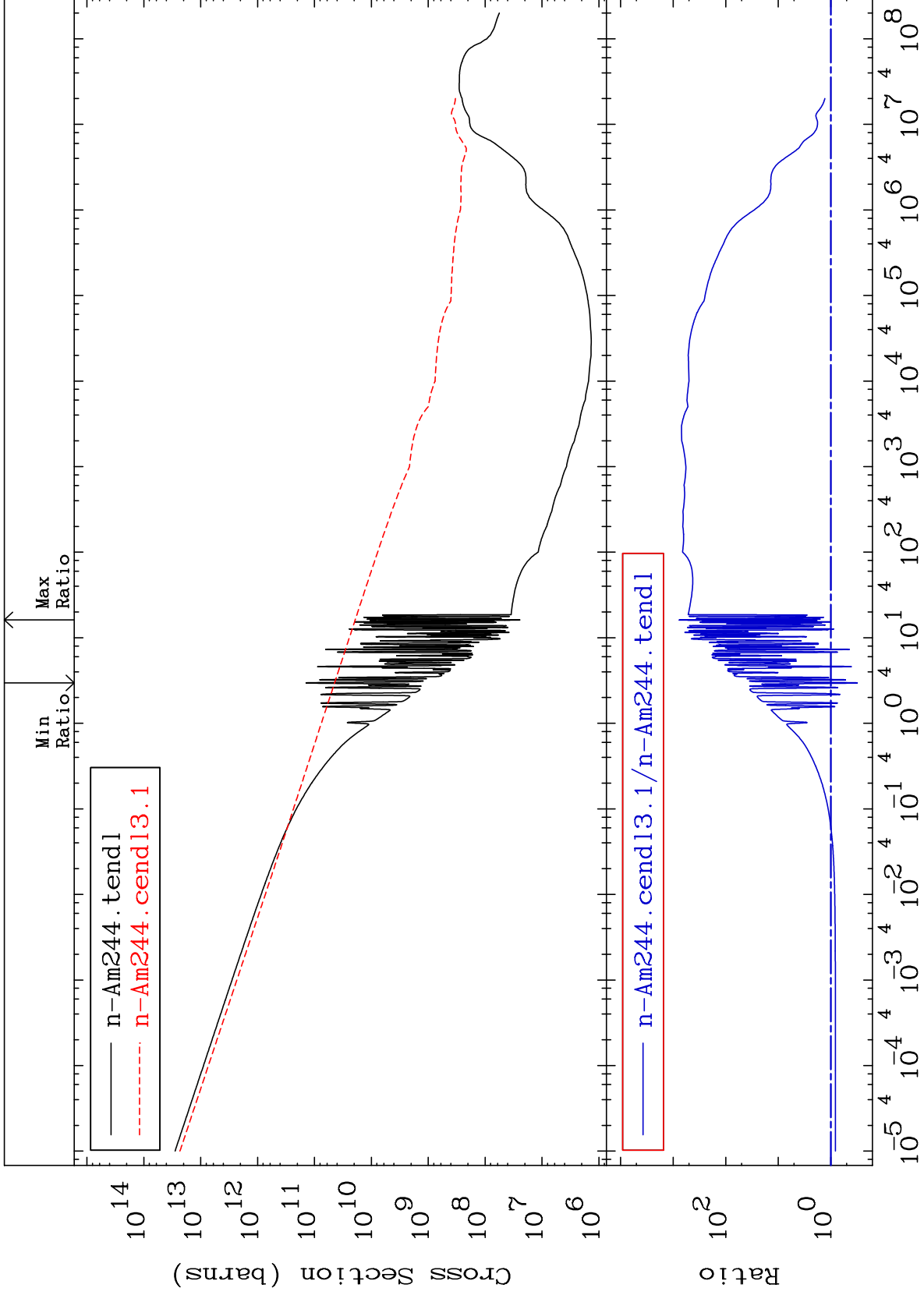
95-Am-244  
-100.0 To 255.8 %

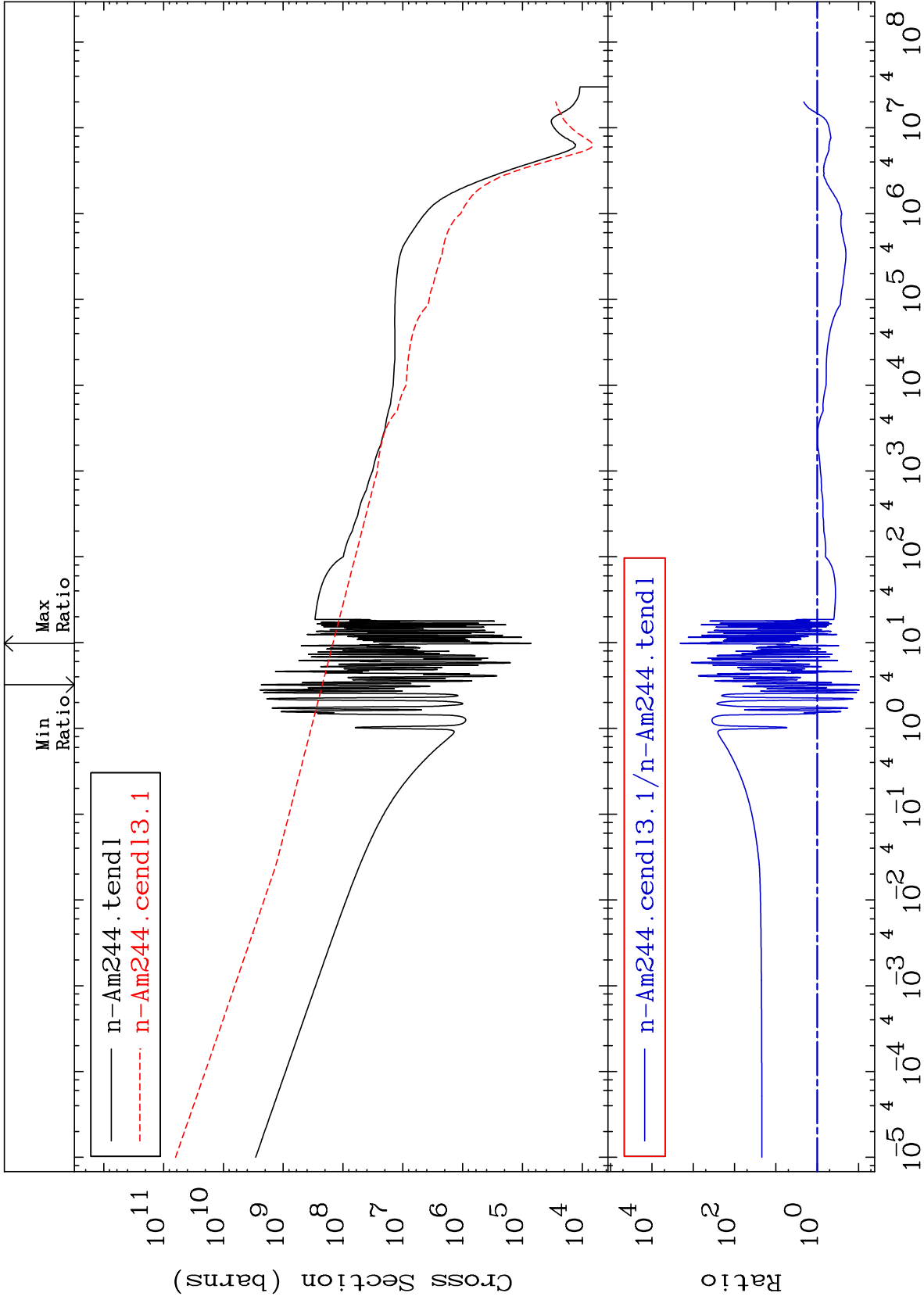


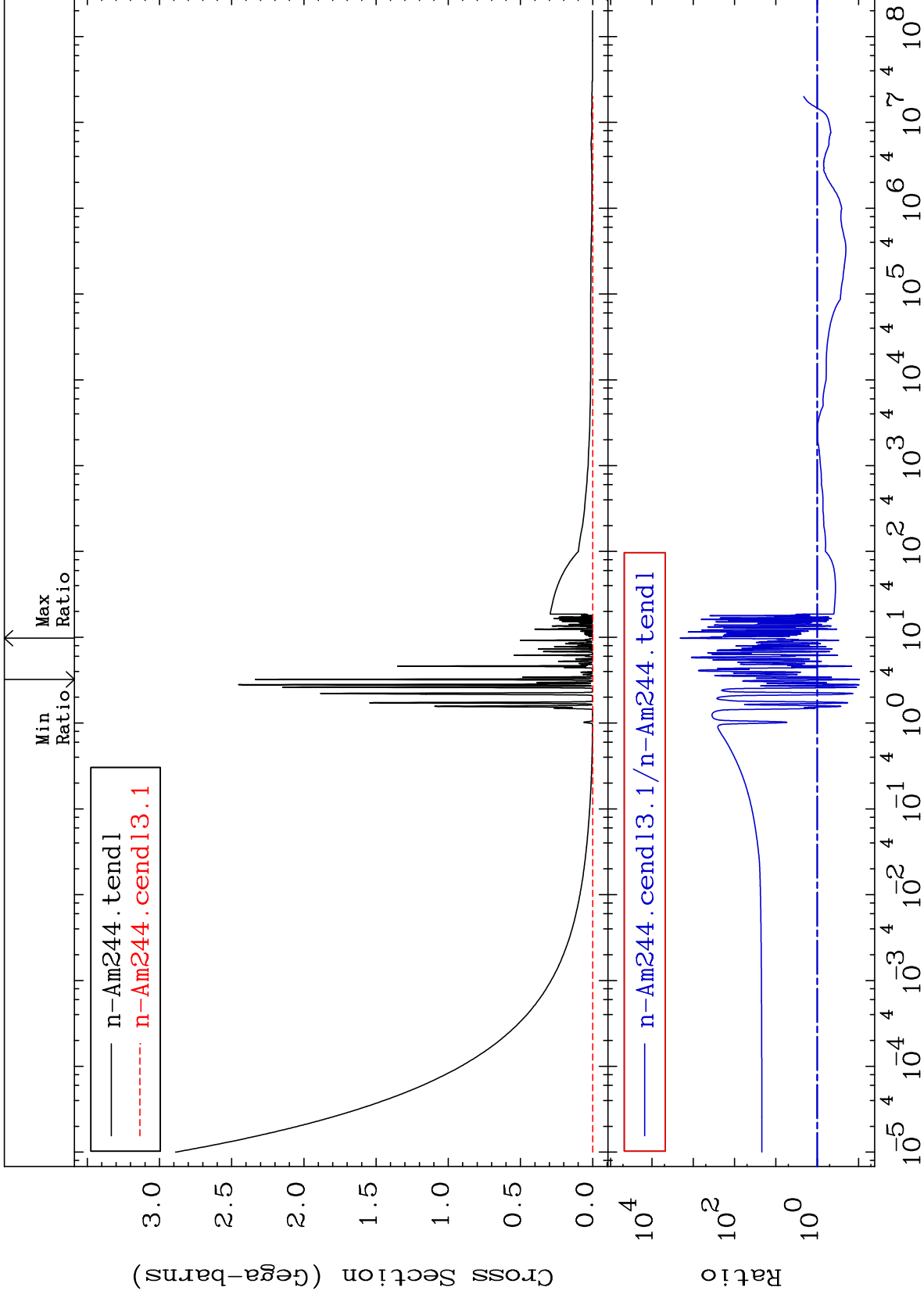
MAT 9552

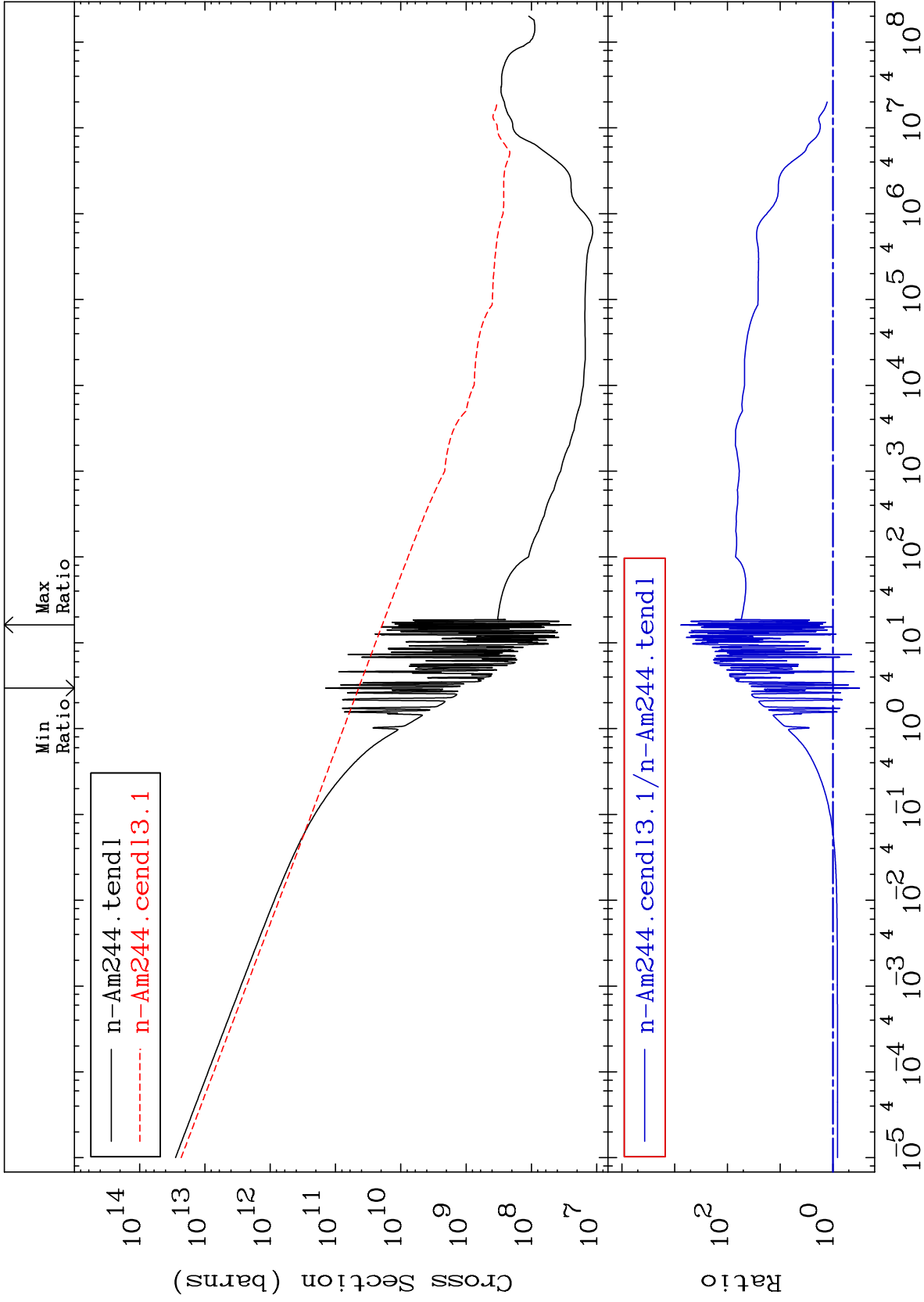
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

95-Am-244  
-68.50 To 9999. %









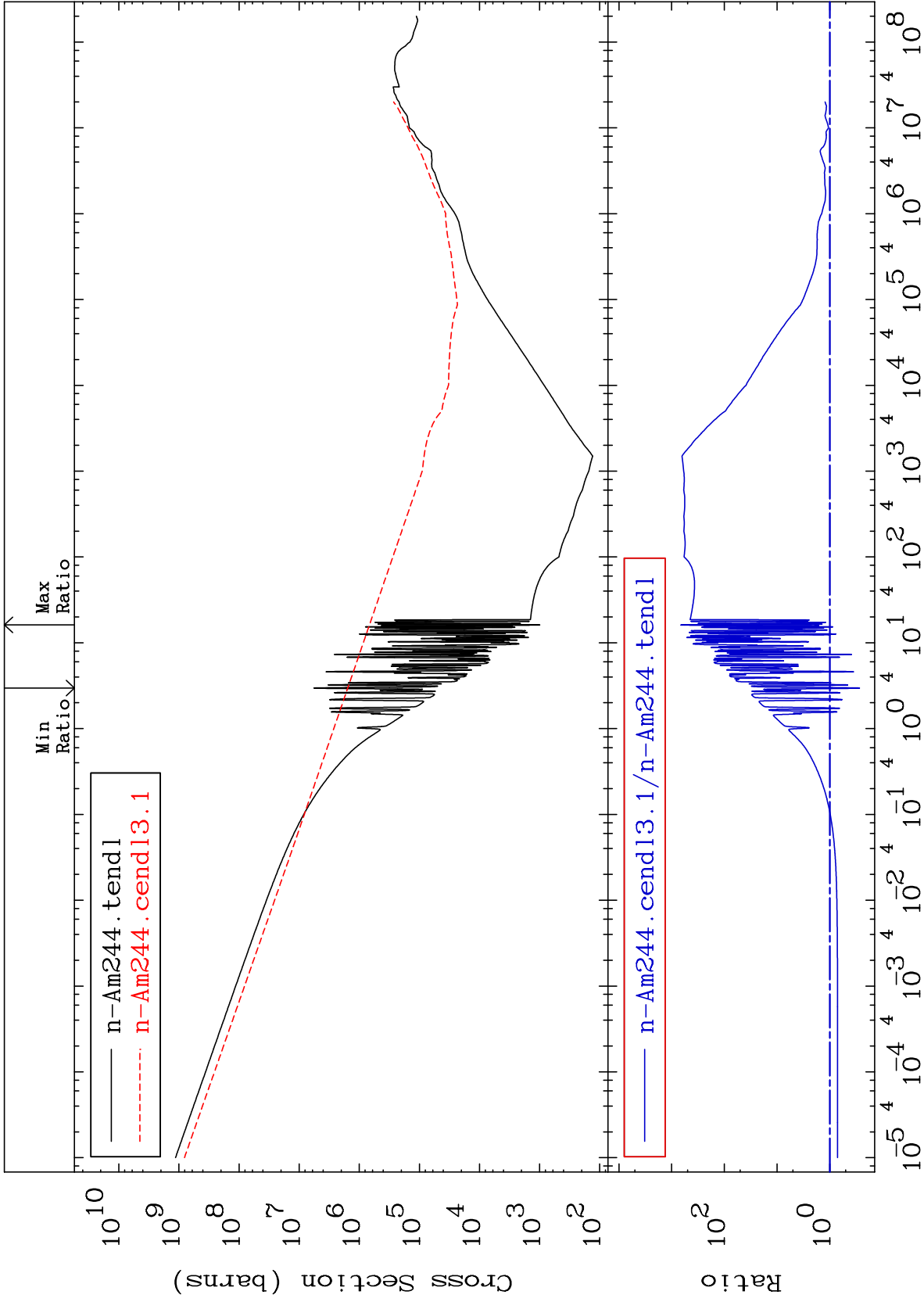
MAT 9552

Dpa total (eV-barns)

95-Am-244

-72.67 To 9999. %

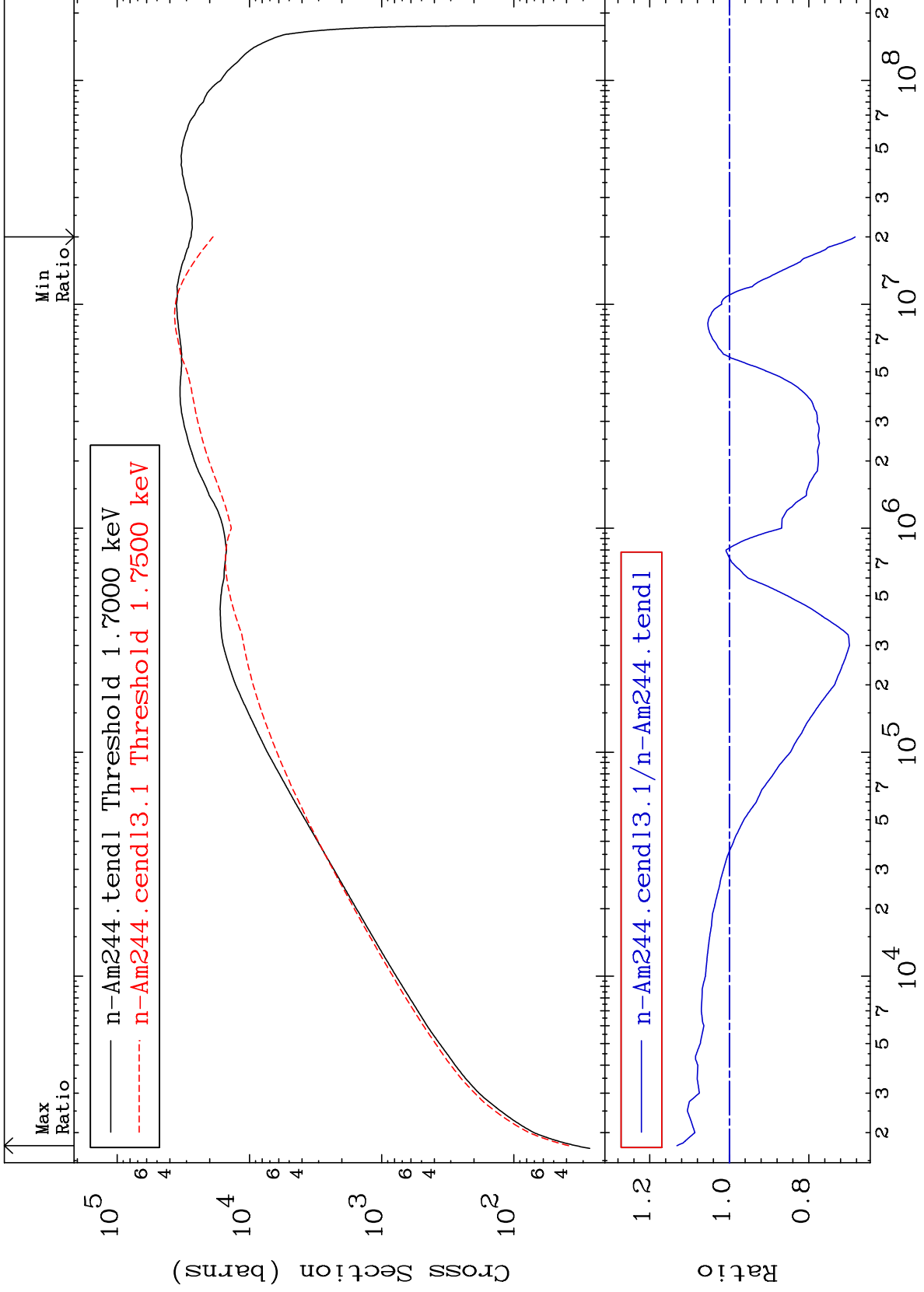
Cross Section



MAT 9552

Dpa elastic (mt2)  
Cross Section

95-Am-244  
-31.63 To 13.18 %





MAT 9552

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-244  
228.1 To 9999. %

