

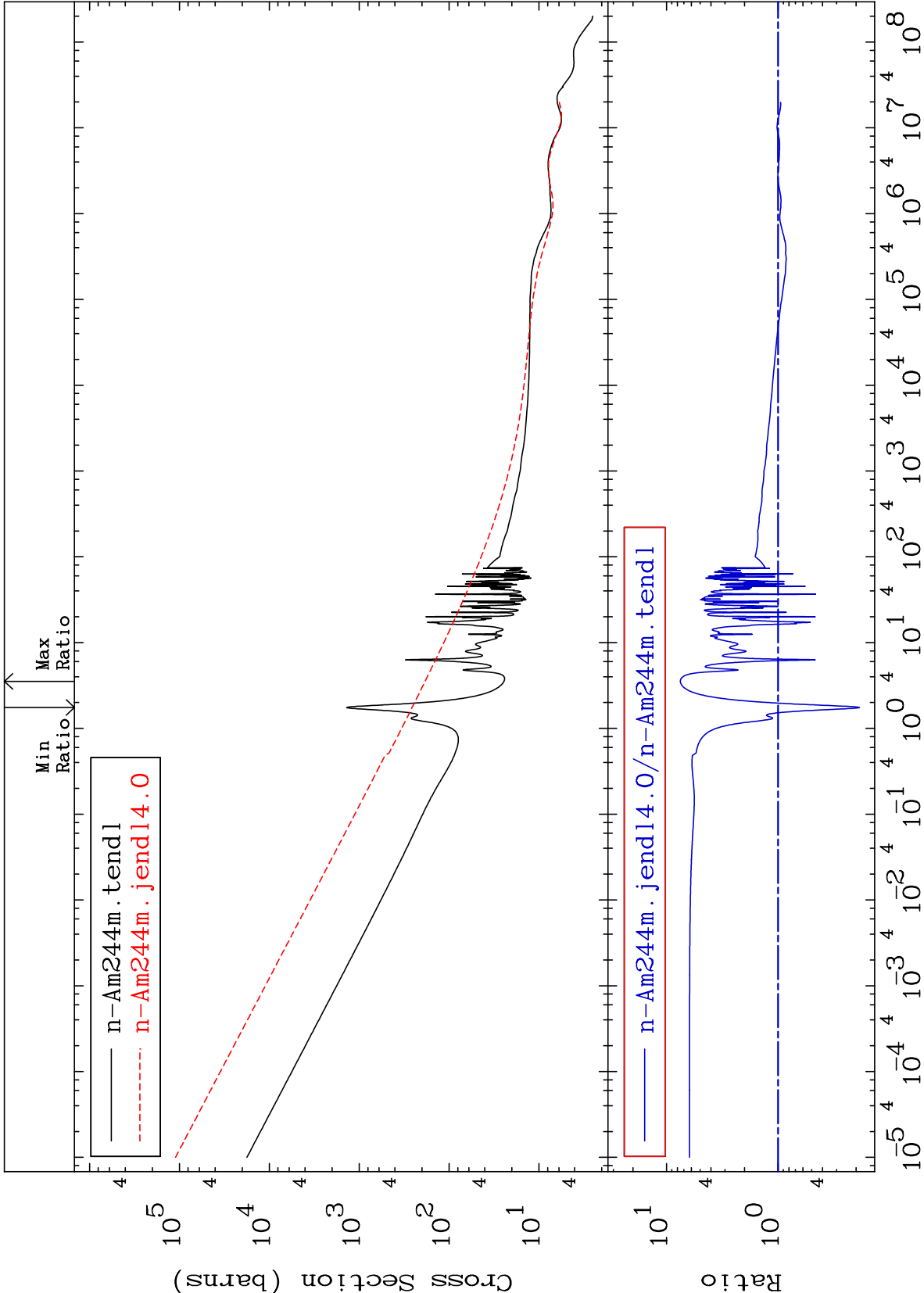
MAT 9553

Total

95-Am-244

Cross Section

-81.34 To 653.2 %



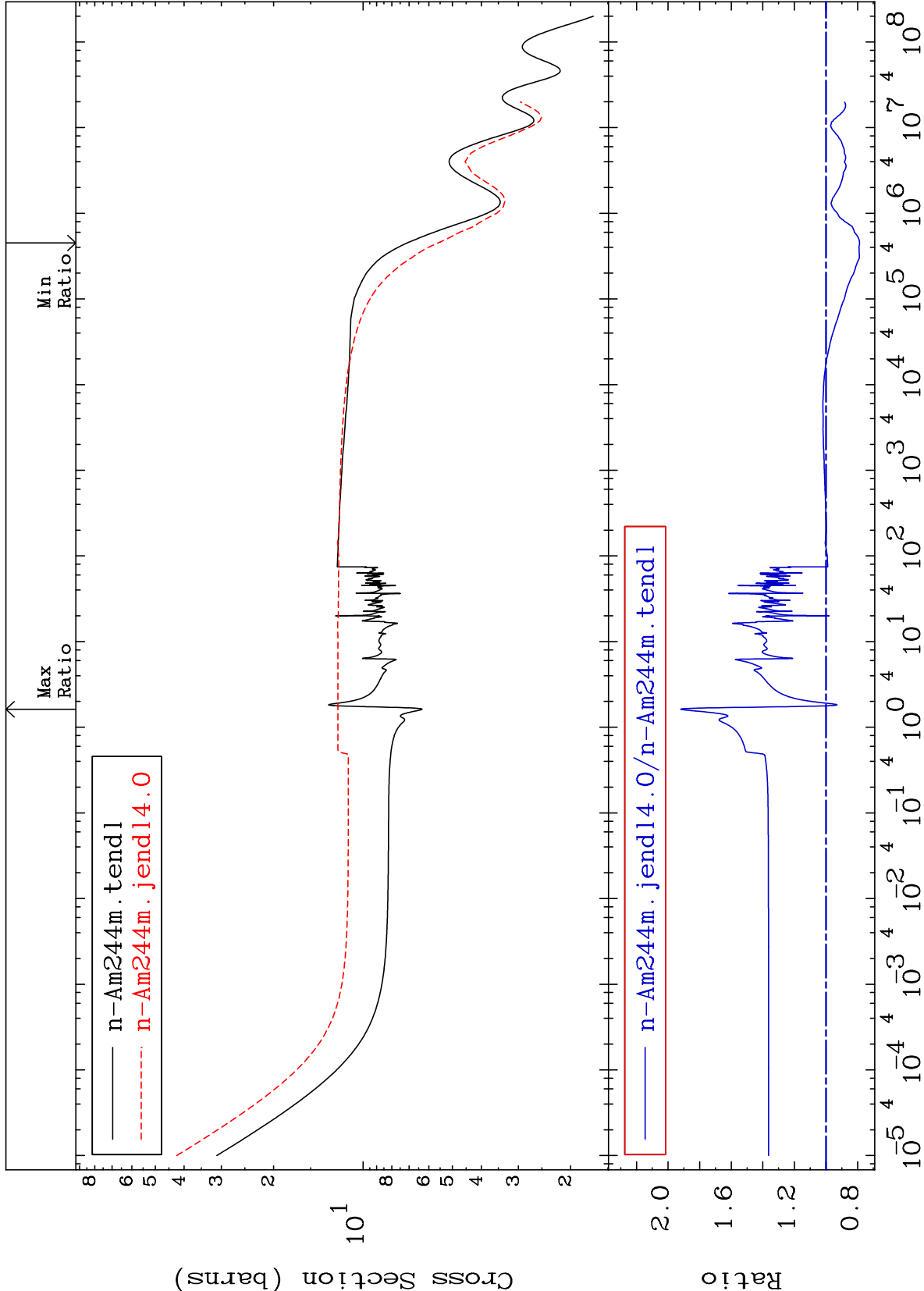
MAT 9553

Elastic

95-Am-244

Cross Section

-21.24 To 91.96 %



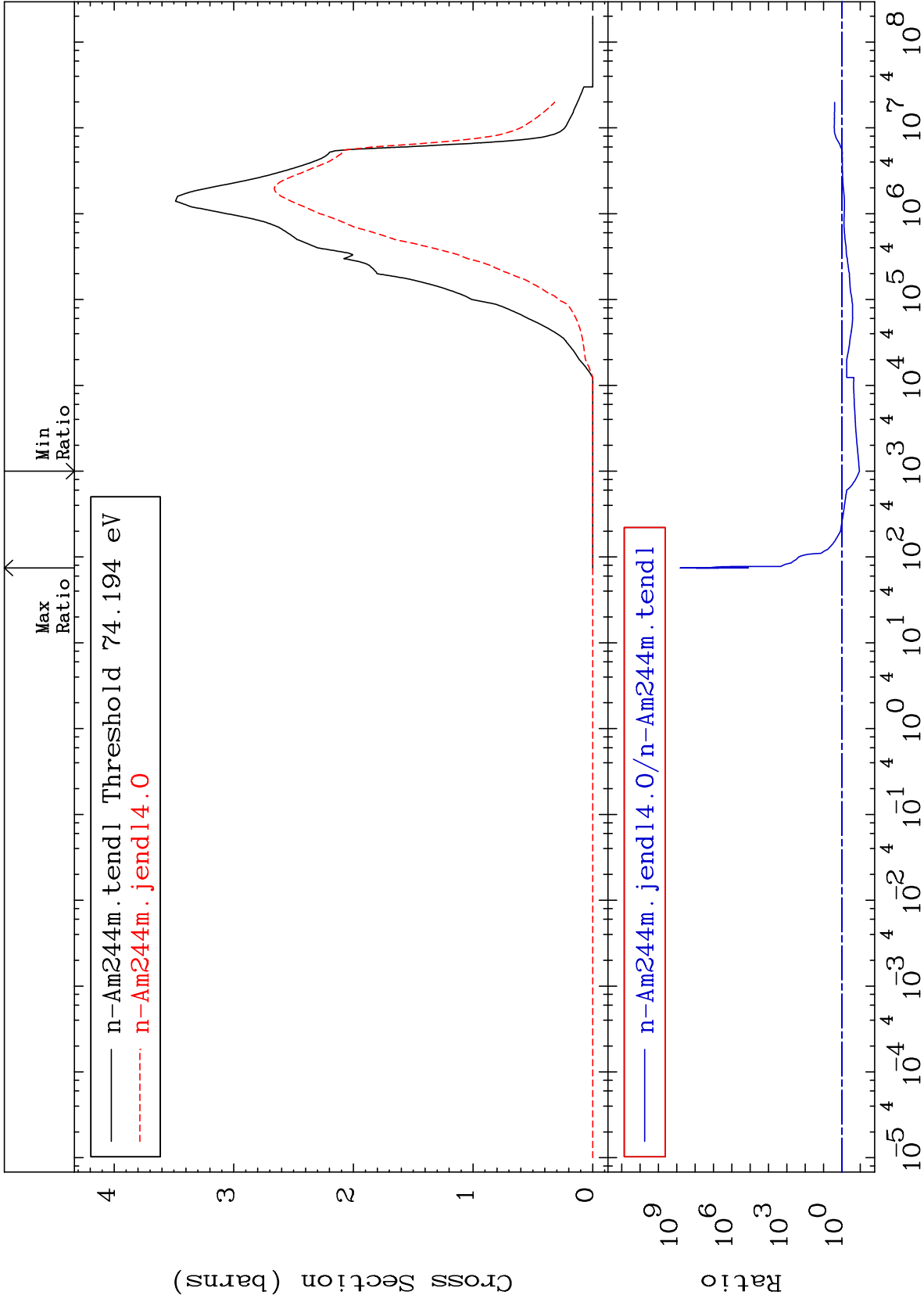
Incident Energy (eV)

95-Am-244

MAT 9553

Inelastic
Cross Section

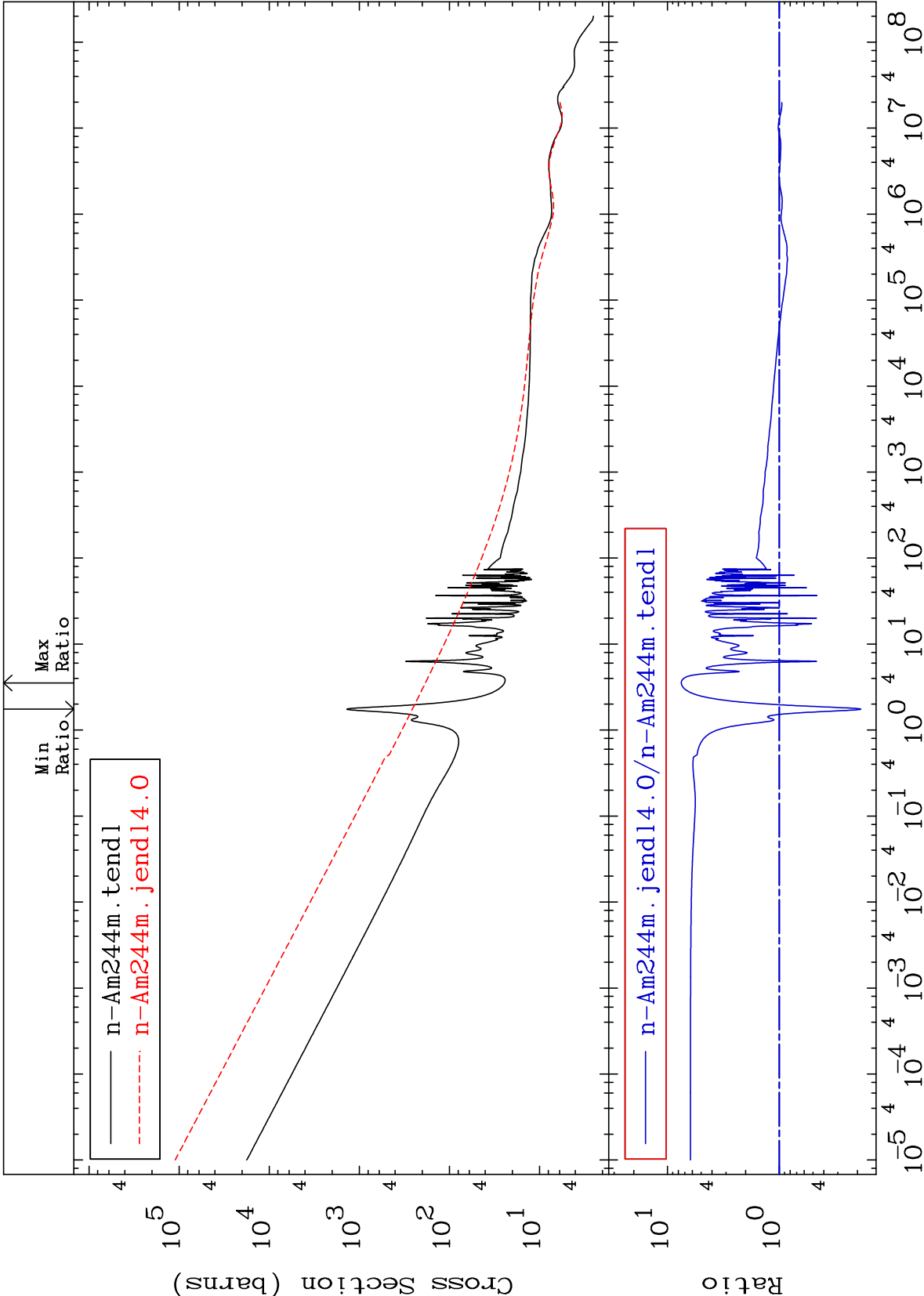
95-Am-244
-89.01 To 9999. %



MAT 9553

95-Am-244

-81.34 To 653.2 %



Incident Energy (eV)

95-Am-244

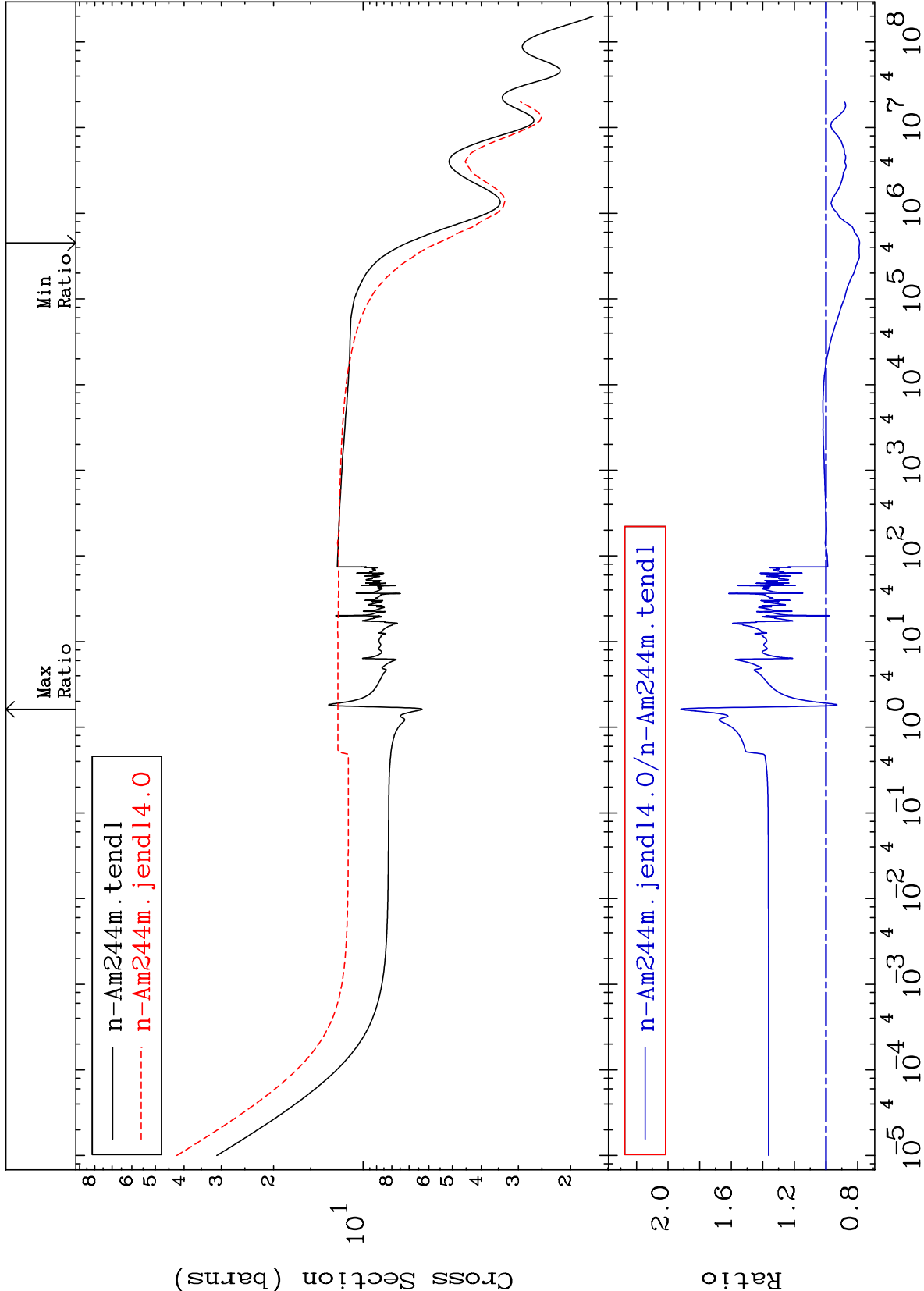
MAT 9553

Elastic

95-Am-244

Cross Section

-21.24 To 91.96 %



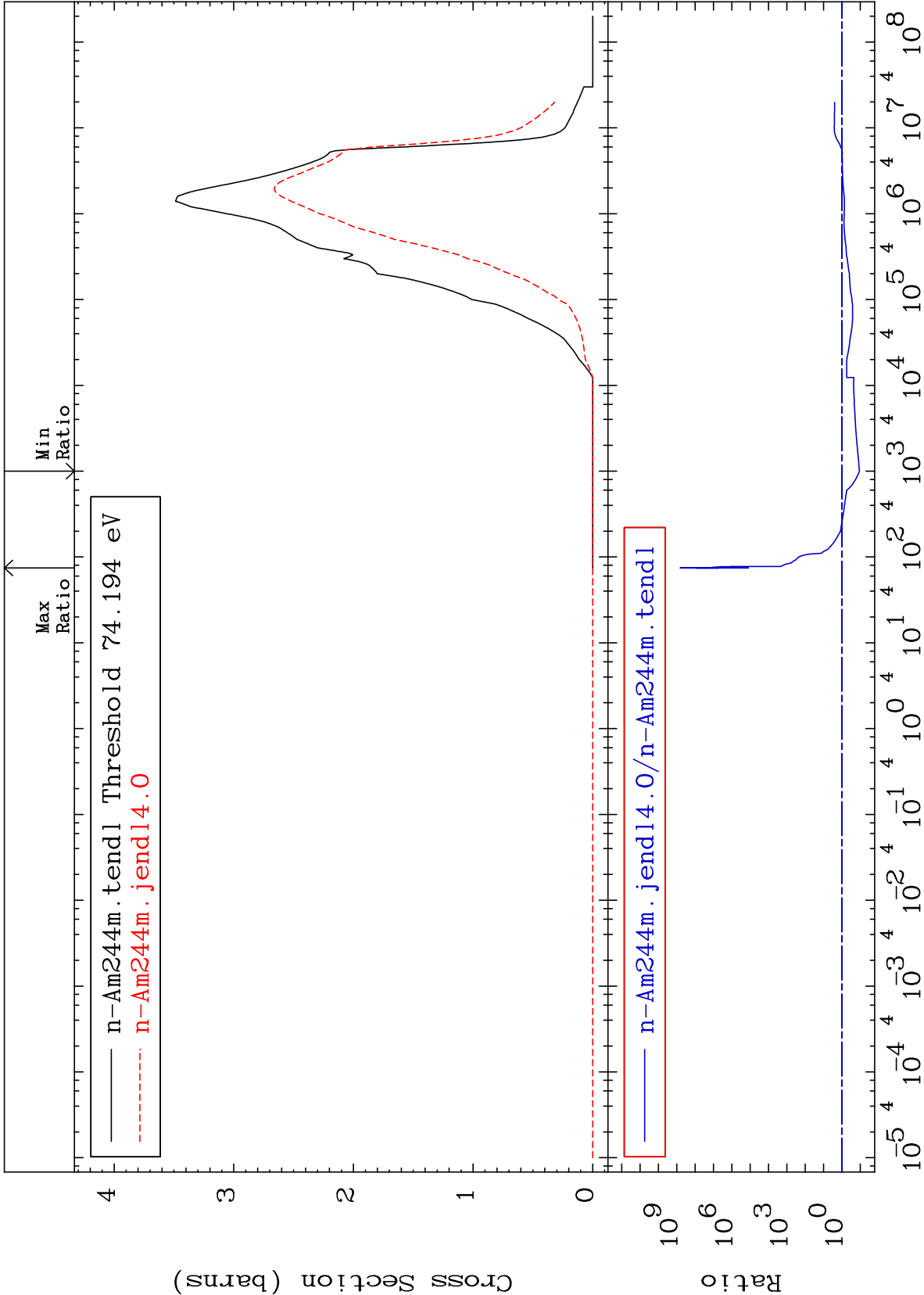
Incident Energy (eV)

95-Am-244

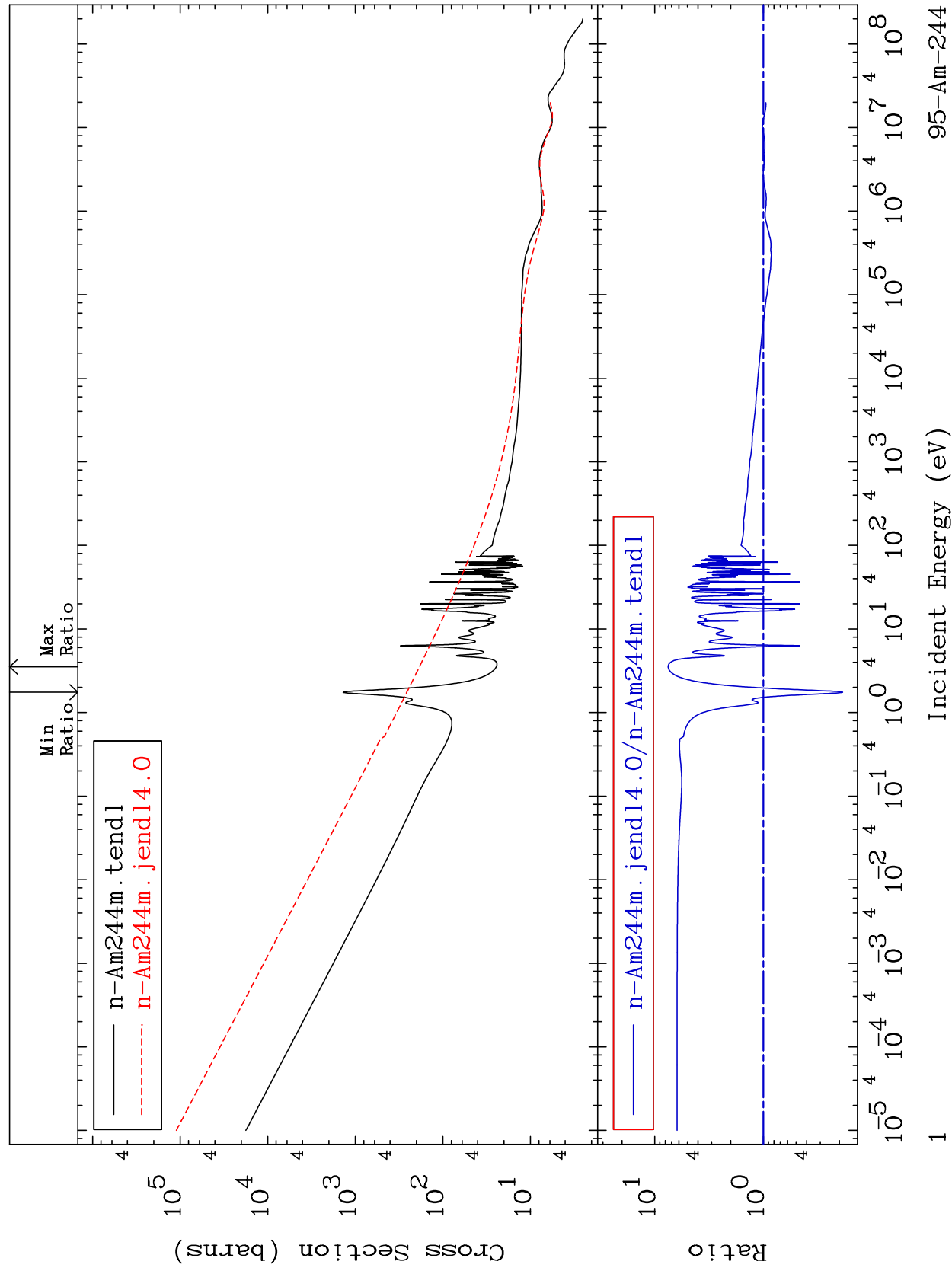
MAT 9553

Inelastic
Cross Section

95-Am-244
-89.01 To 9999. %



Total	95-Am-244
Cross Section	-81.34 To 653.2 %



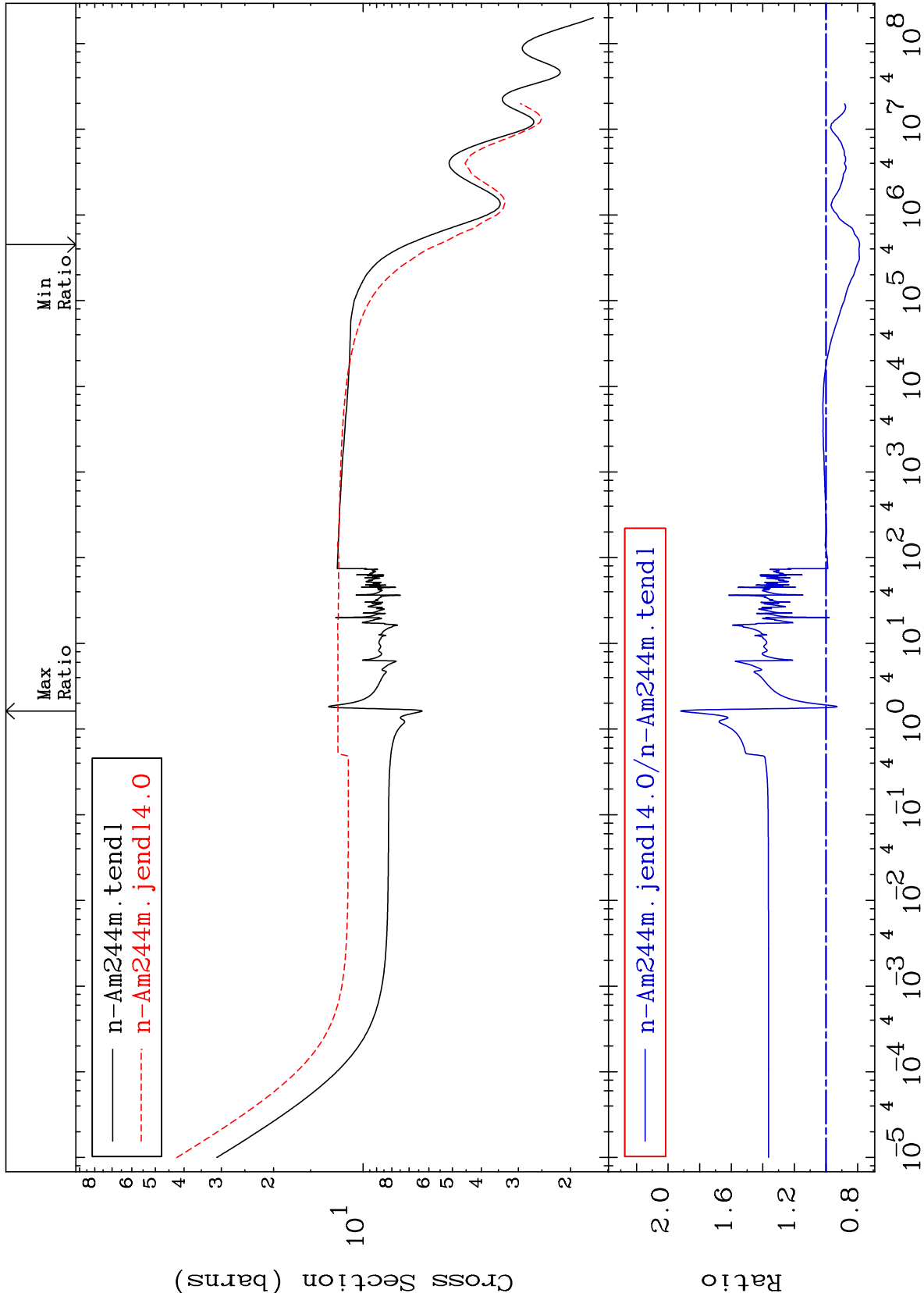
MAT 9553

Elastic

95-Am-244

Cross Section

-21.24 To 91.96 %



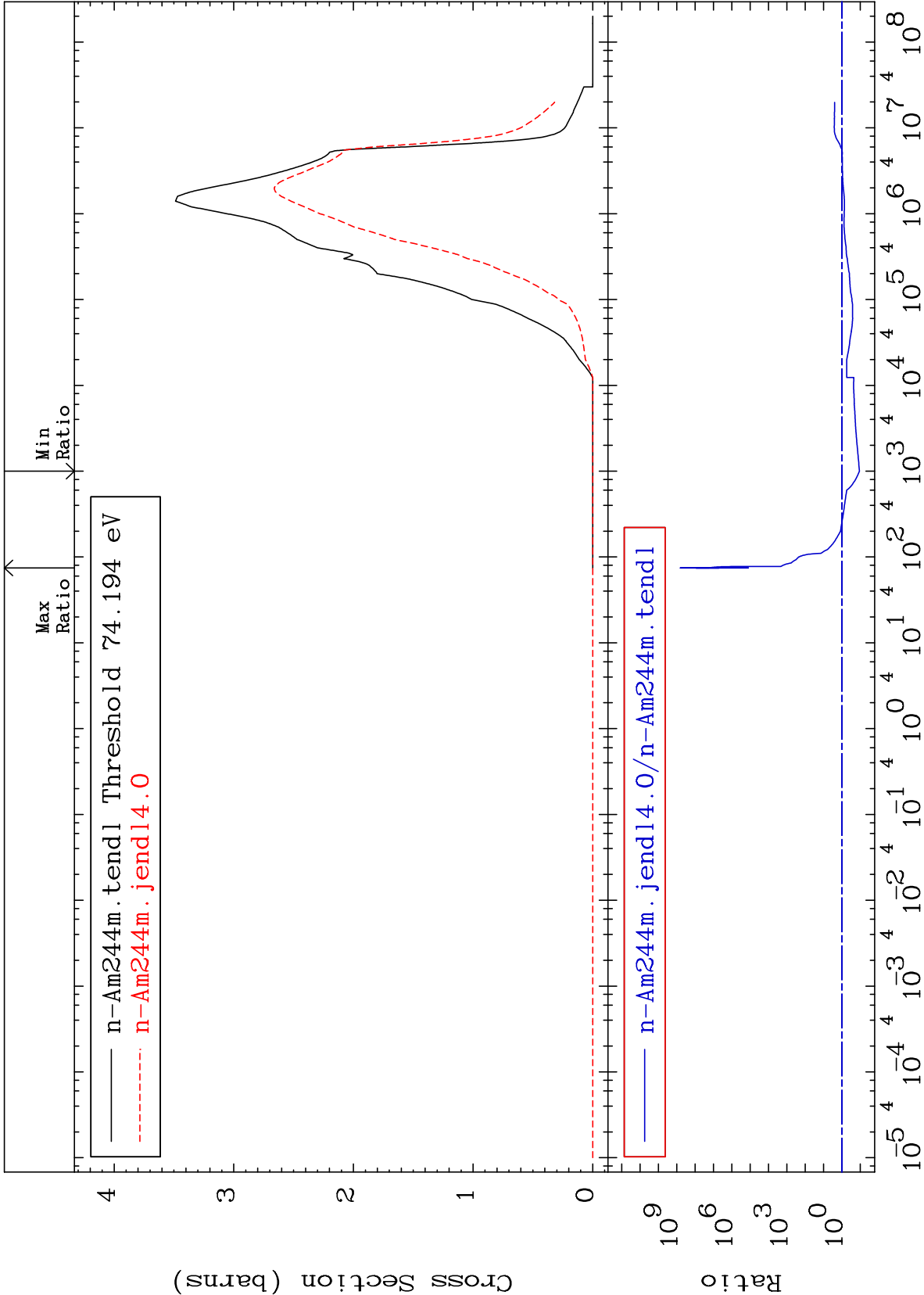
Incident Energy (eV)

95-Am-244

MAT 9553

Inelastic
Cross Section

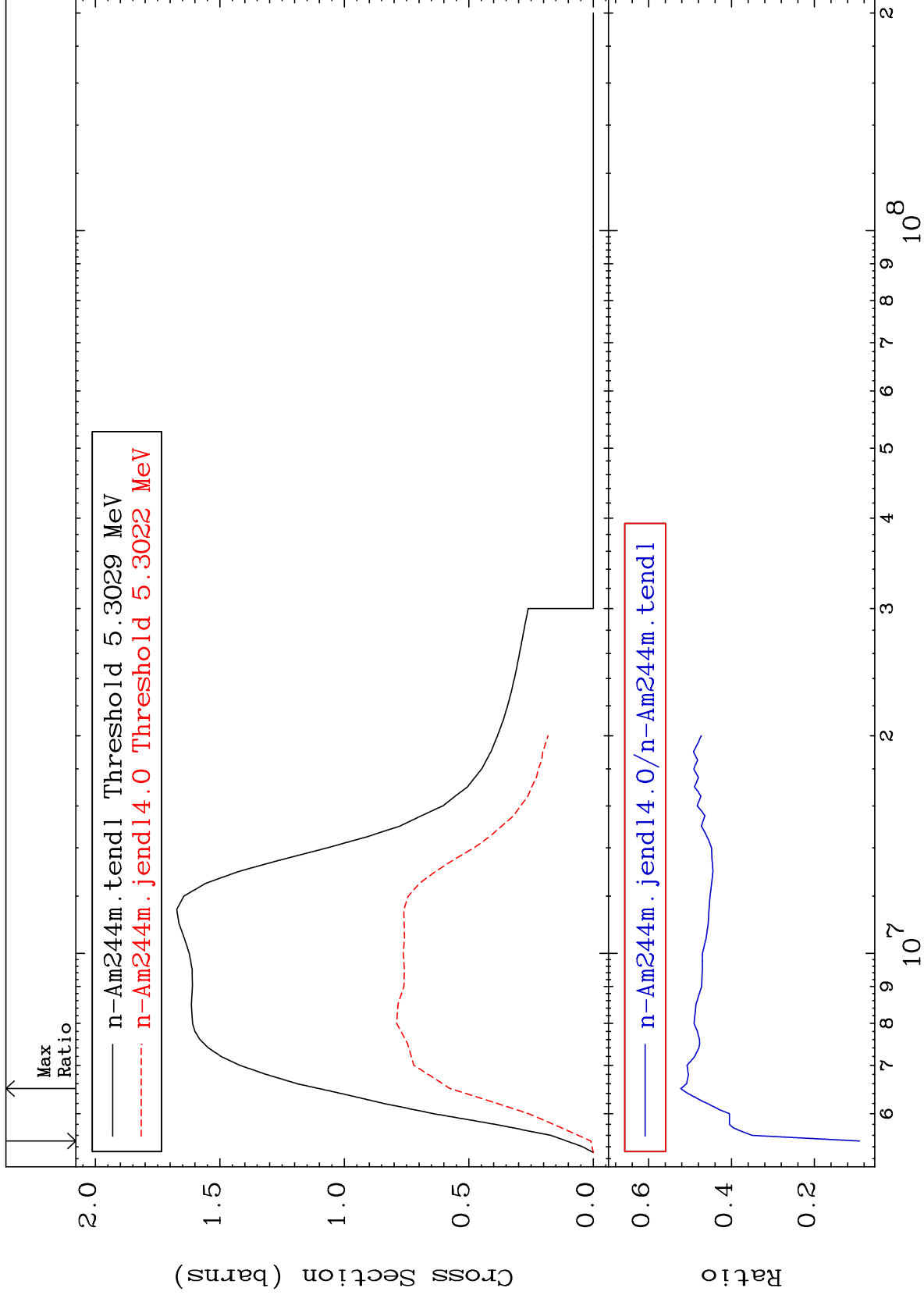
95-Am-244
-89.01 To 9999. %



MAT 9553

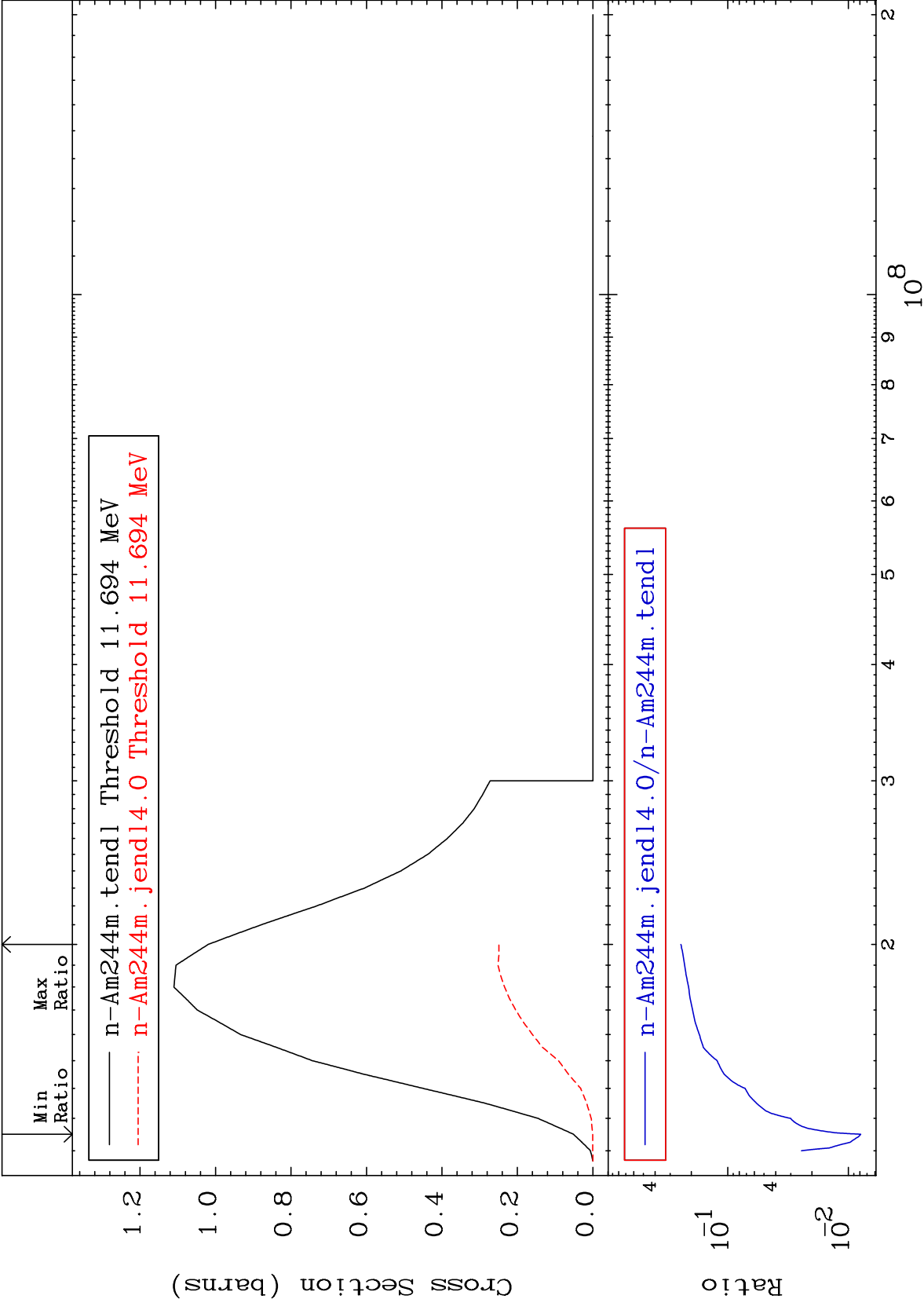
(n,2n)
Cross Section

95-Am-244
-90.88 To -47.74%



Cross Section

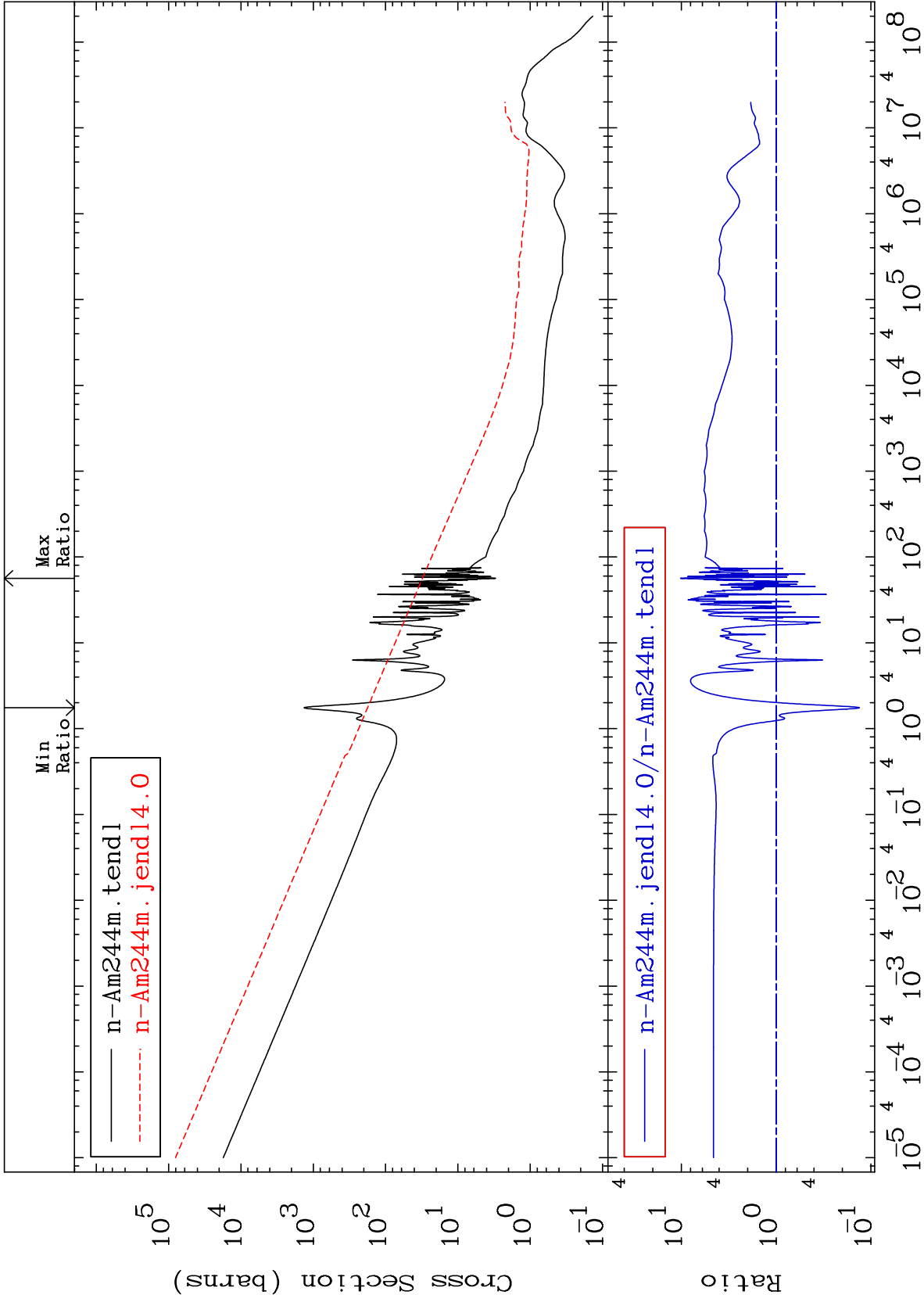
-99.21 To -75.57%



MAT 9553

Fission
Cross Section

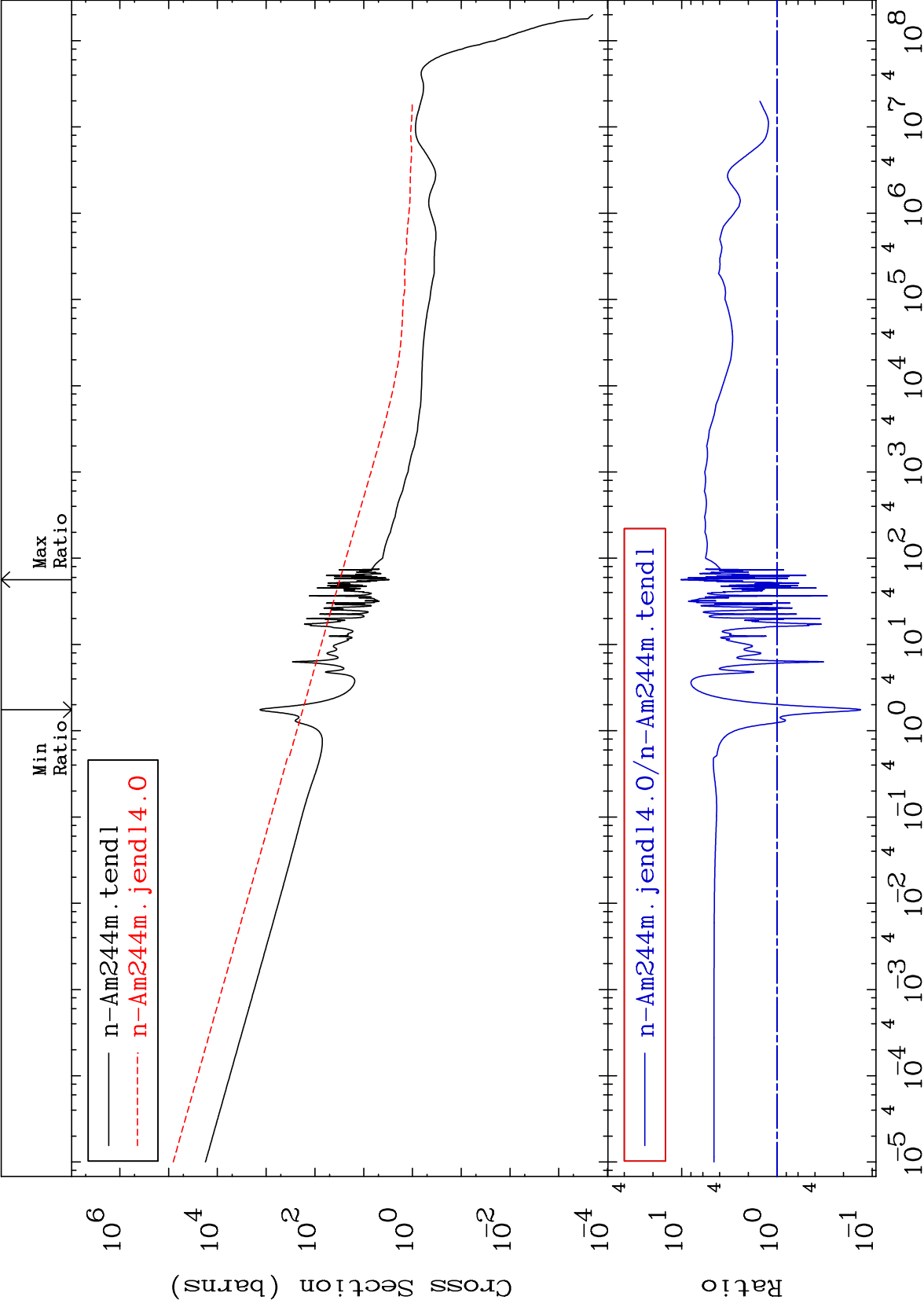
95-Am-244
-86.77 To 924.1 %

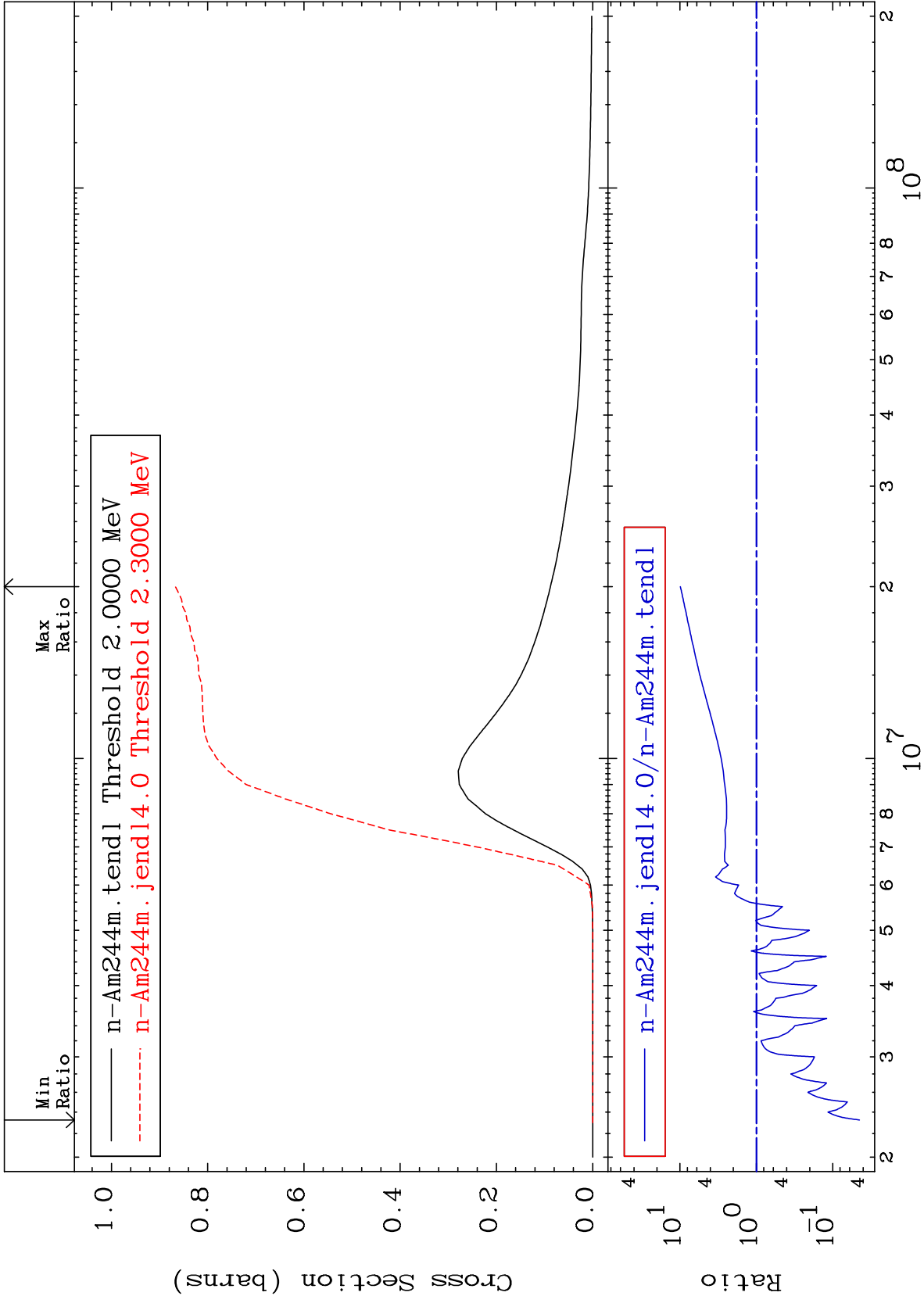


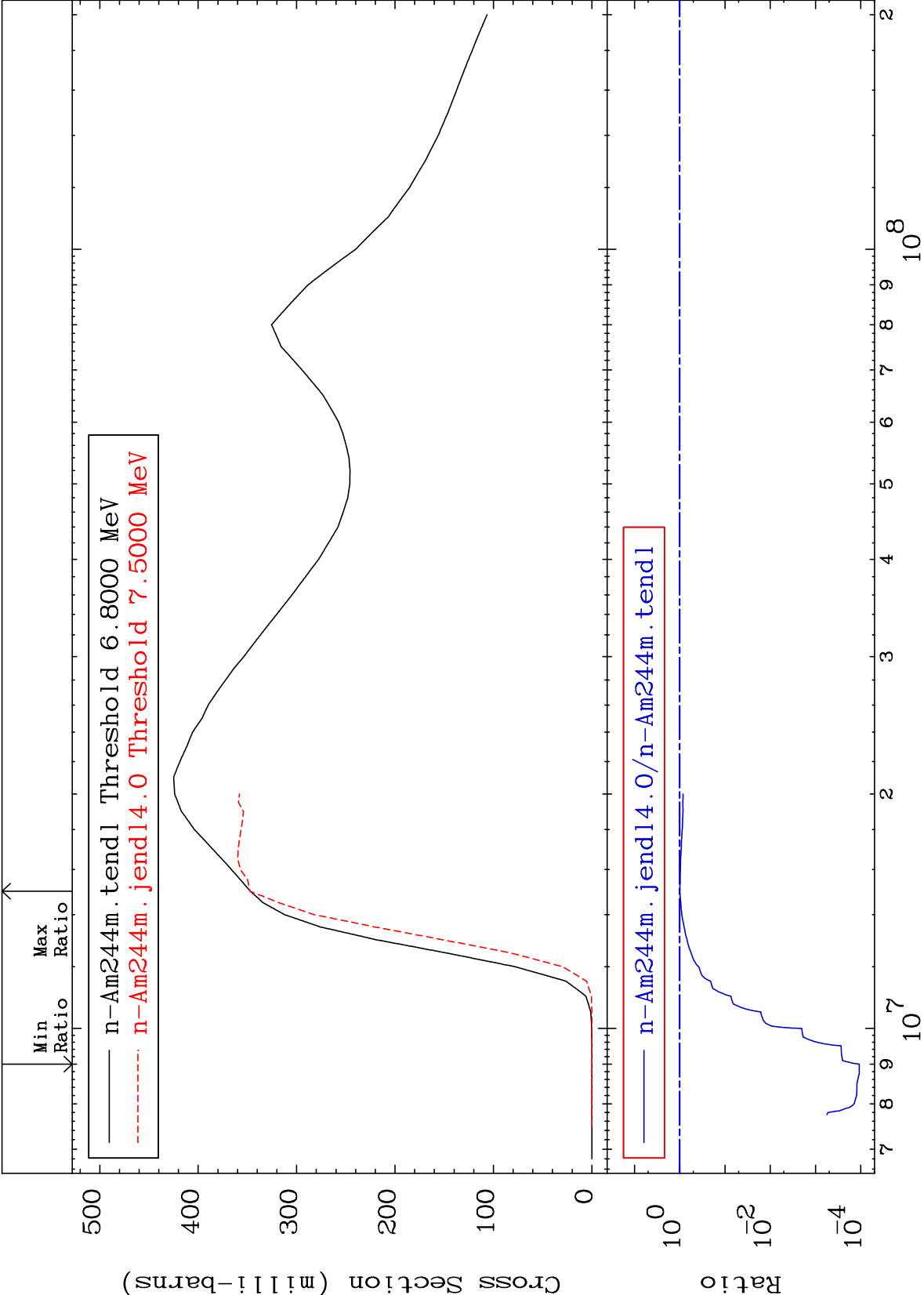
Incident Energy (eV)

95-Am-244

6







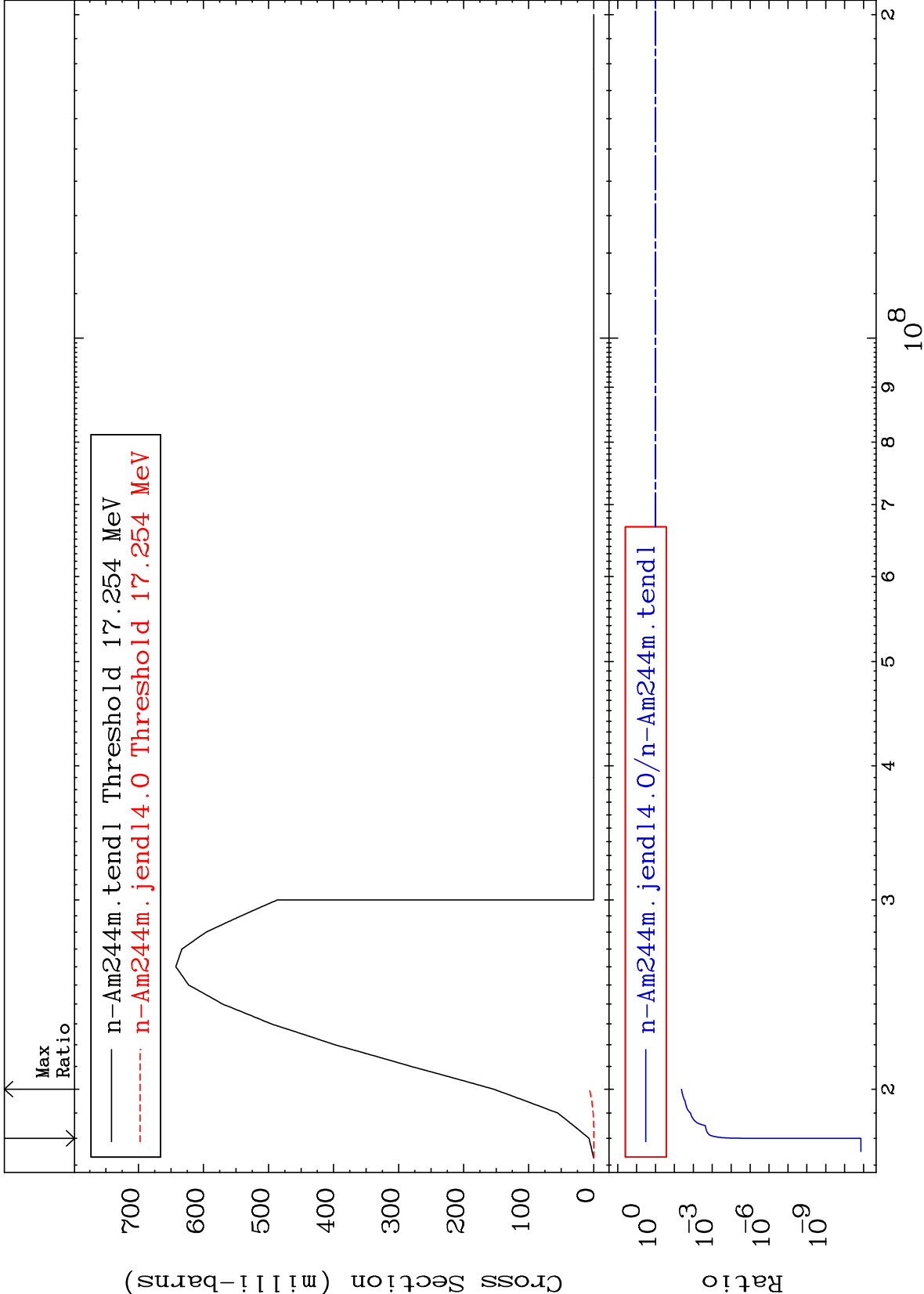
MAT 9553

(n,4n)

95-Am-244

Cross Section

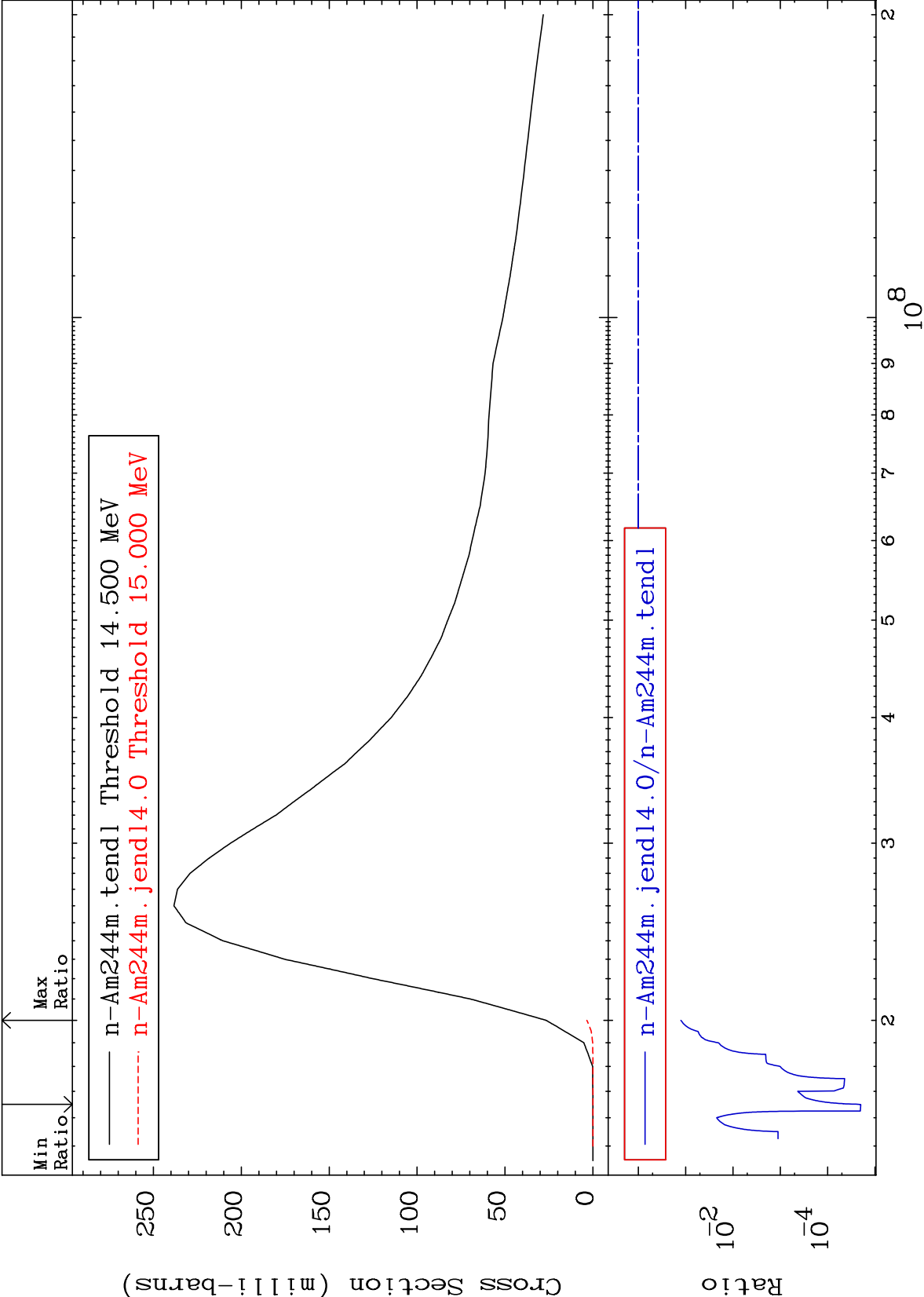
-100.0 To -95.77%



10

Incident Energy (eV)

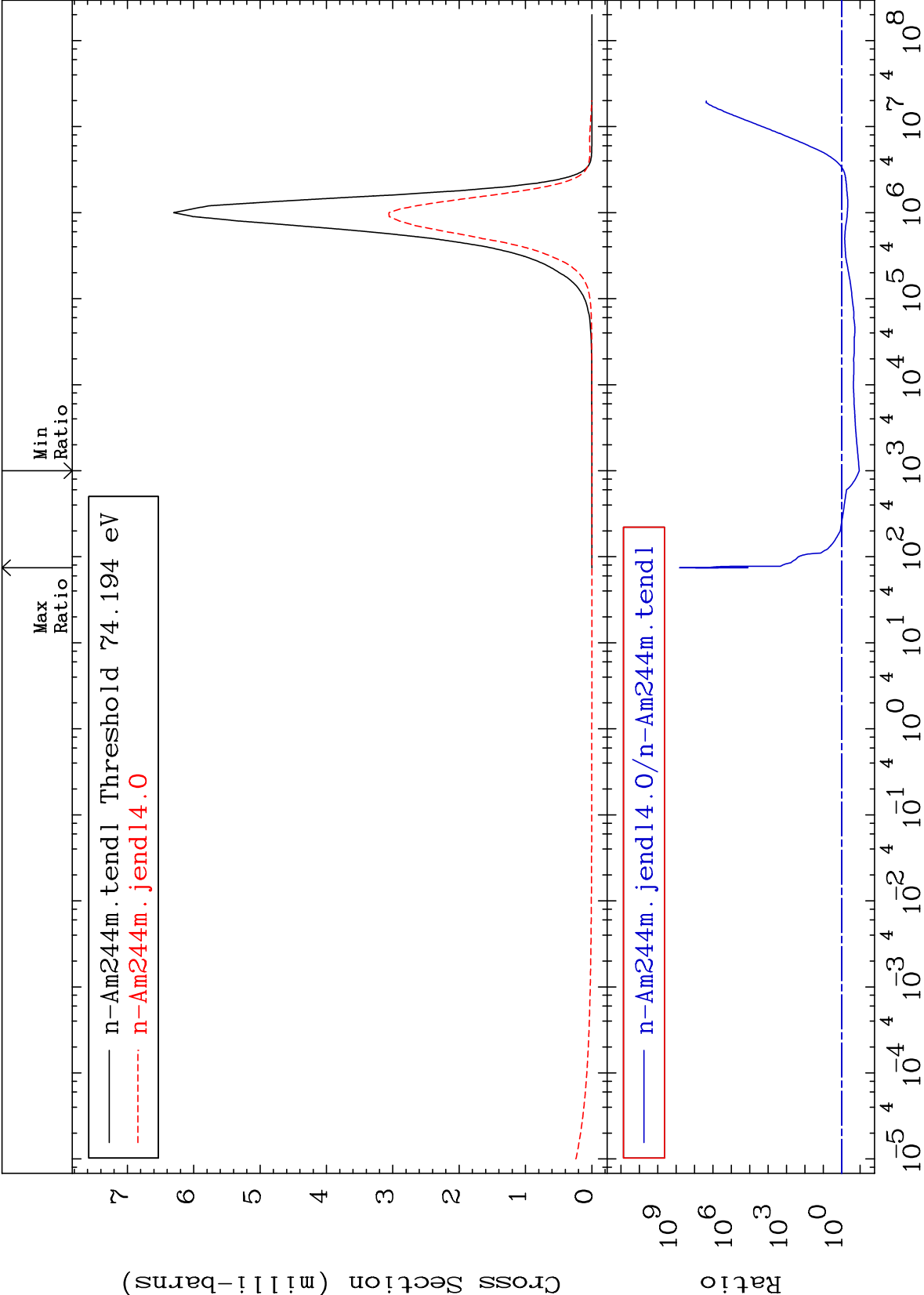
95-Am-244



MAT 9553

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

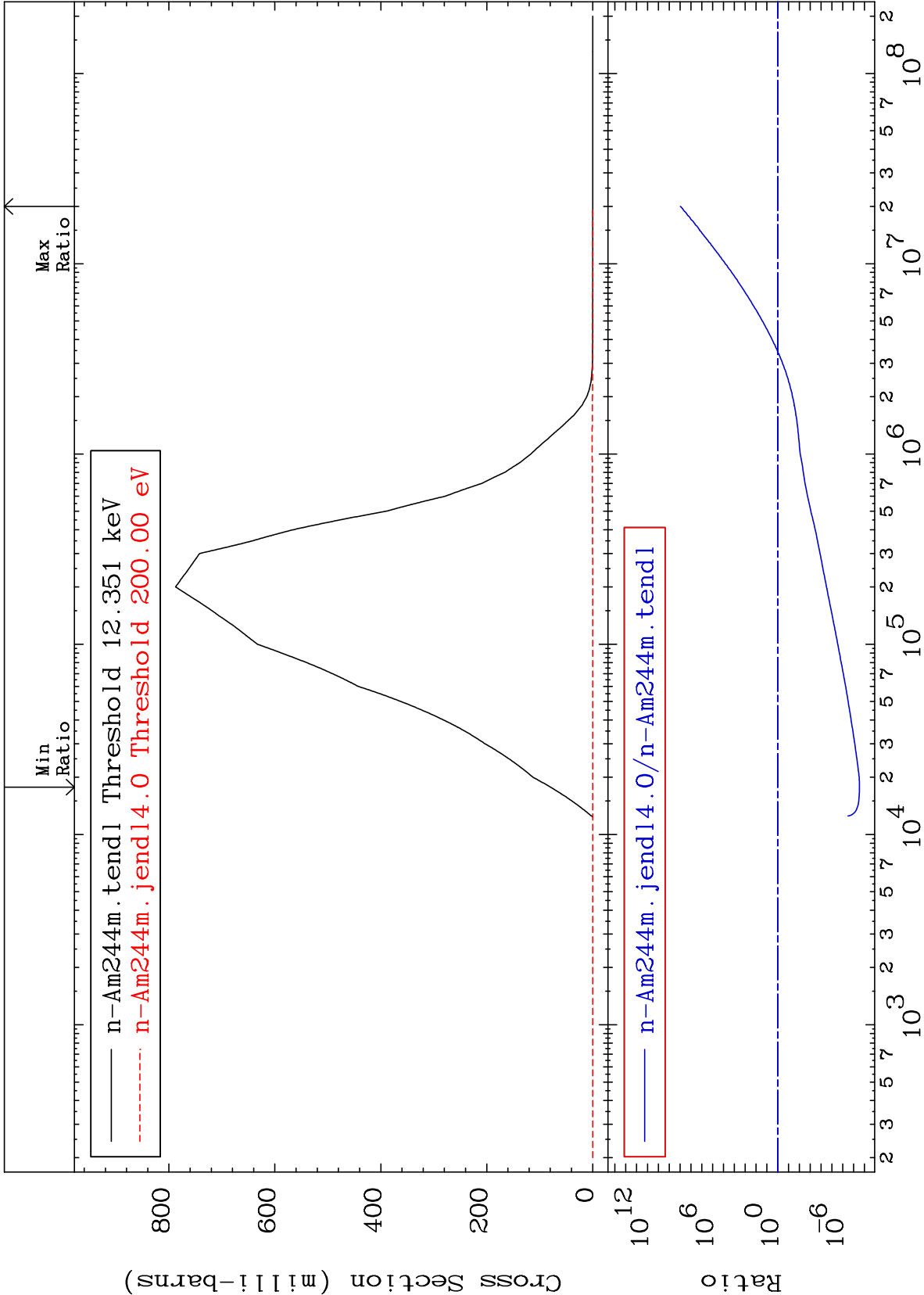
95-Am-244
-89.01 To 9999. %



MAT 9553

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

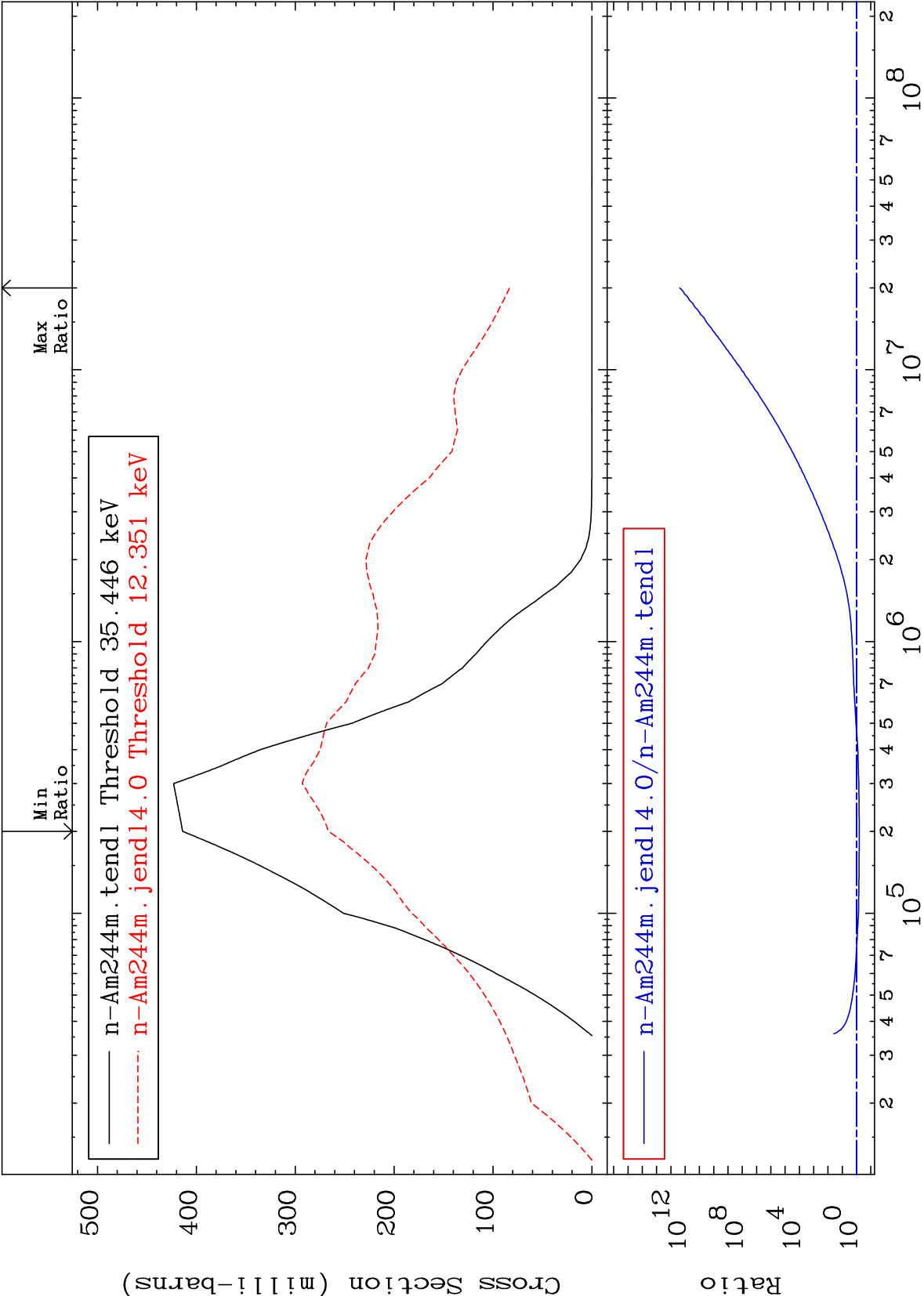
95-Am-244
-100.0 To 9999. %



MAT 9553

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

95-Am-244
-35.65 To 9999. %



14

Incident Energy (eV)

95-Am-244

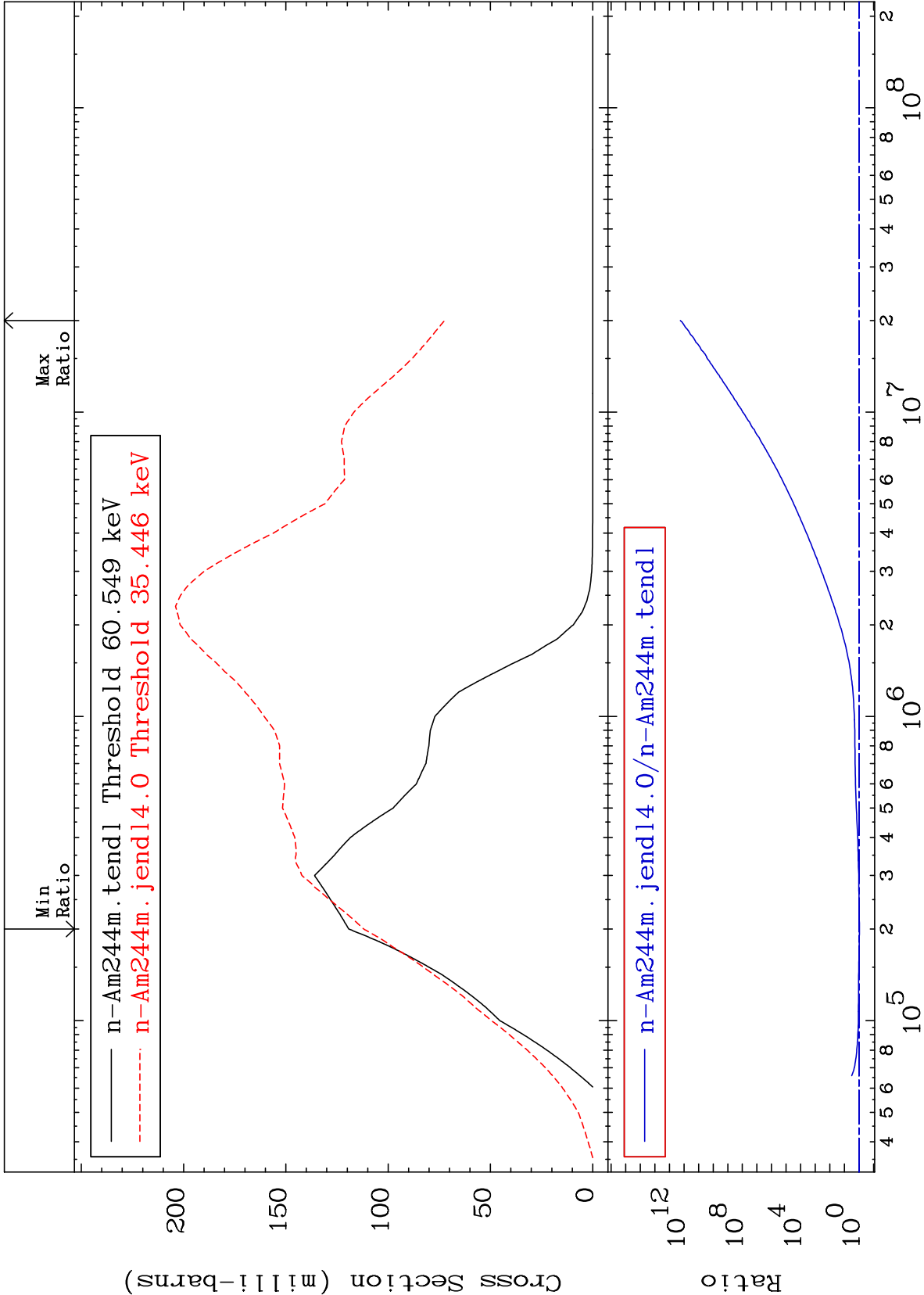
MAT 9553

MT= 54 (n,n') Level

95-Am-244

Cross Section

-6.113 To 9999. %



15

Incident Energy (eV)

95-Am-244

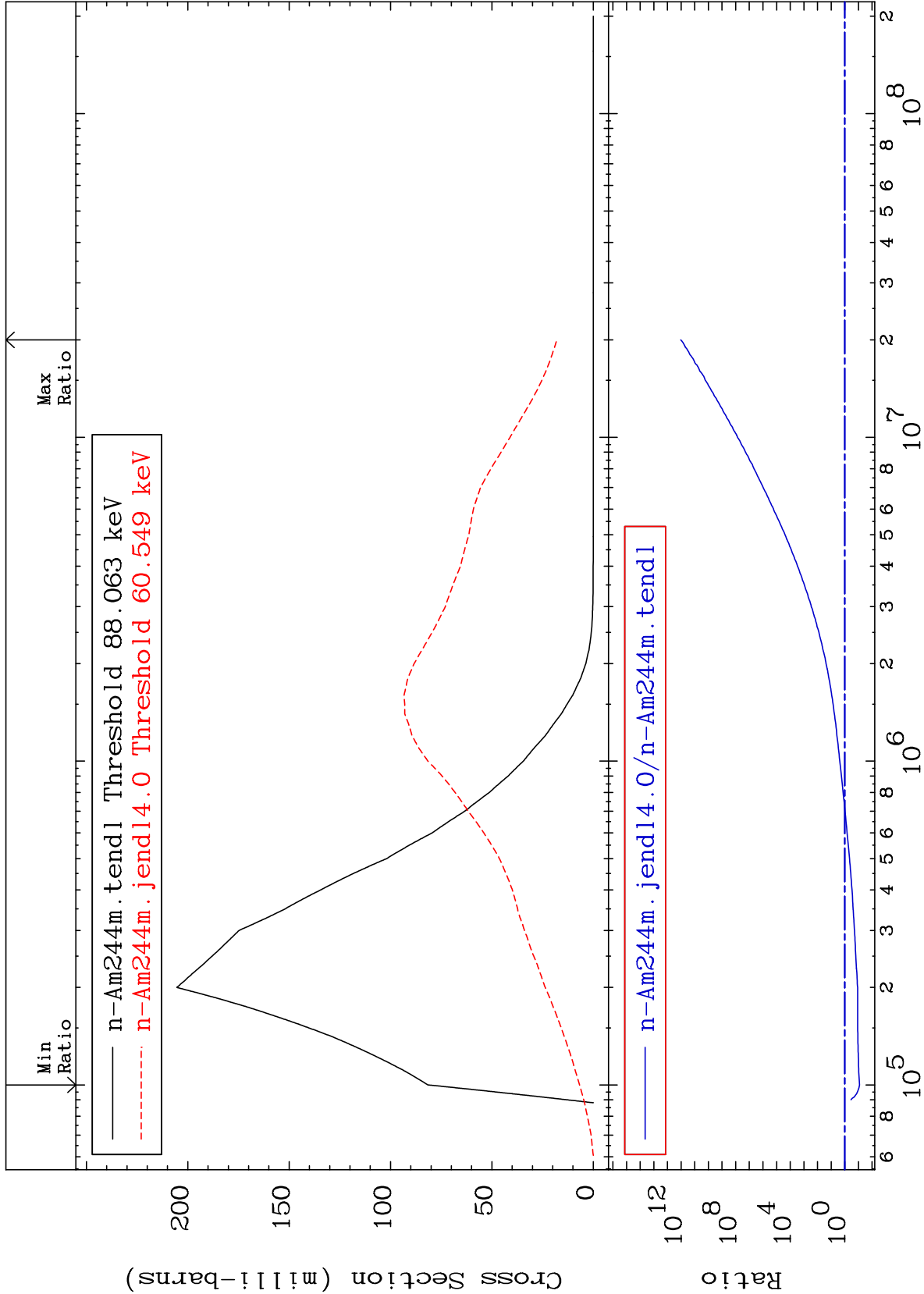
MAT 9553

MT= 55 (n,n') Level

95-Am-244

Cross Section

-91.69 To 9999. %



16

Incident Energy (eV)

95-Am-244

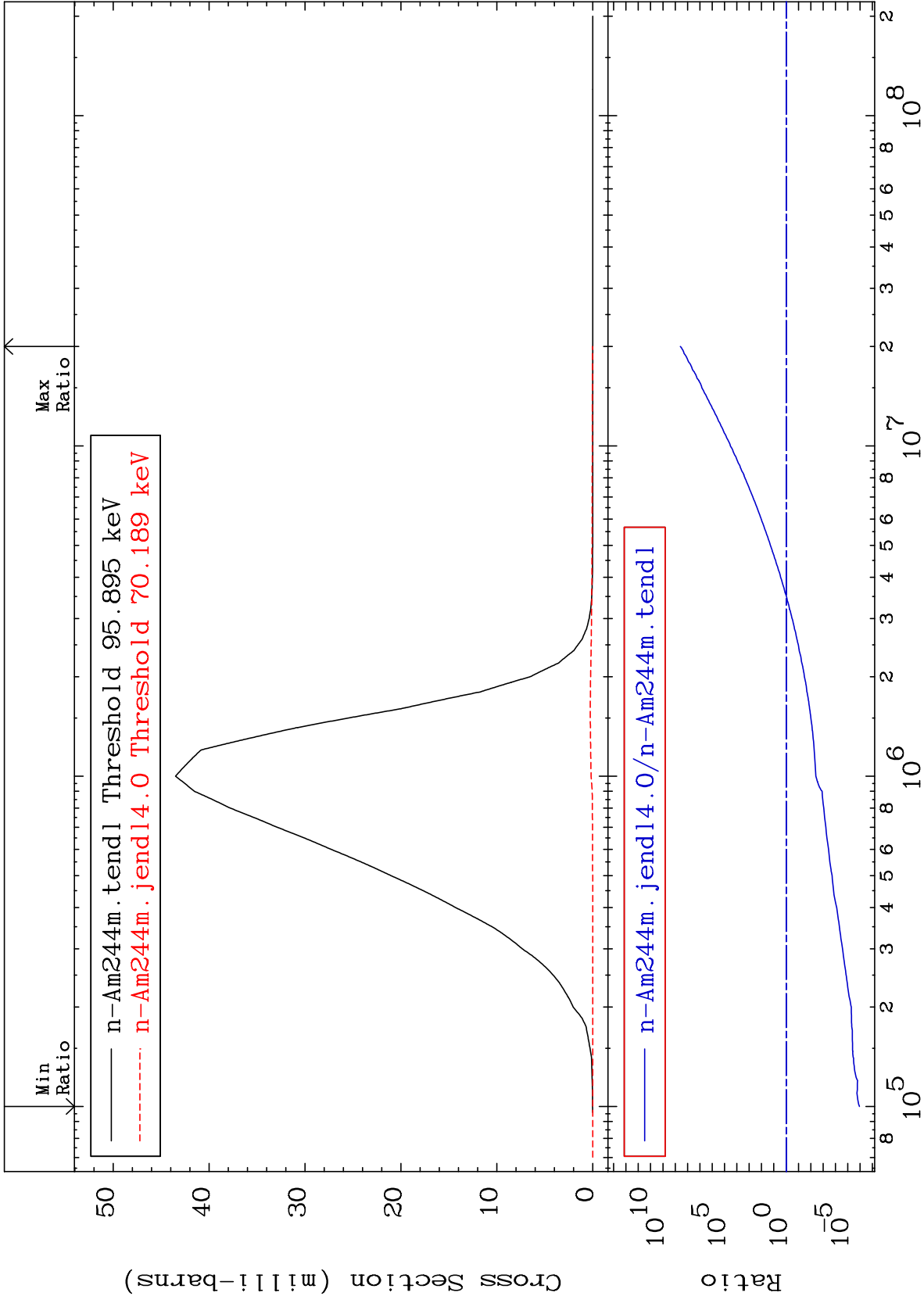
MAT 9553

MT= 56 (n,n') Level

95-Am-244

Cross Section

-100.0 To 9999. %



17

Incident Energy (eV)

95-Am-244

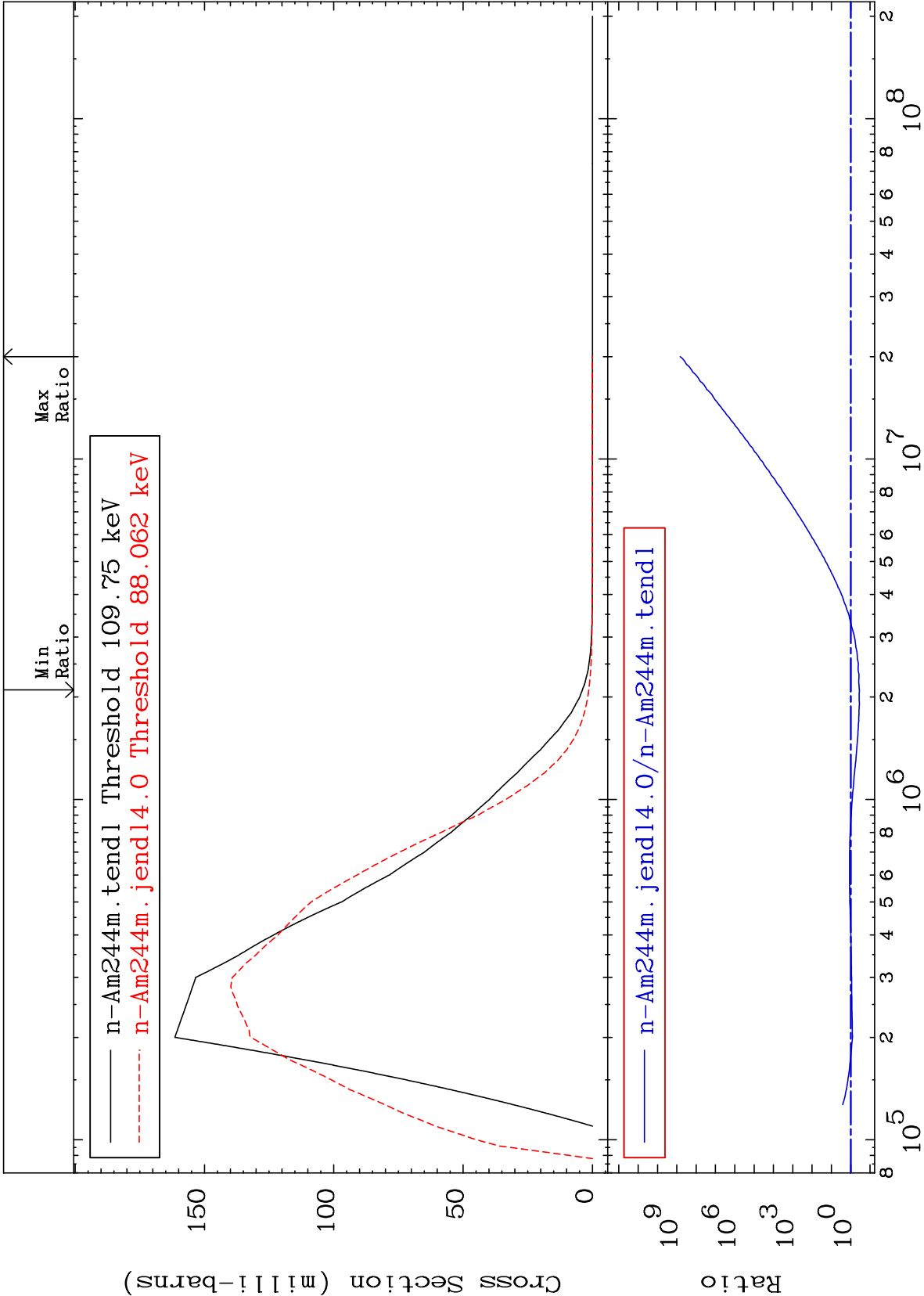
MAT 9553

MT= 57 (n,n') Level

95-Am-244

-64.20 To 9999. %

Cross Section



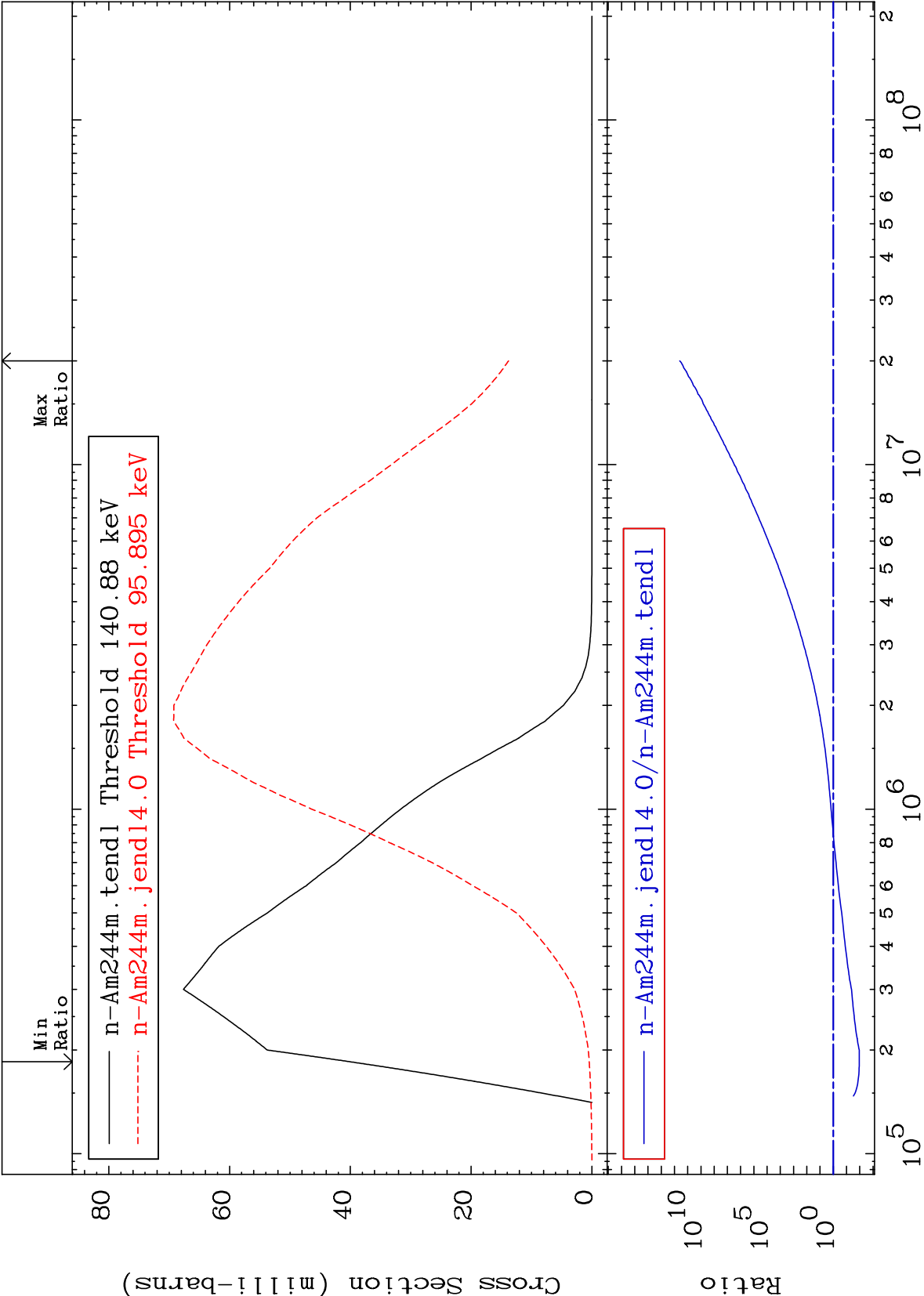
Incident Energy (eV)

95-Am-244

MAT 9553

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

95-Am-244
-98.91 To 9999. %



19

Incident Energy (eV)

95-Am-244

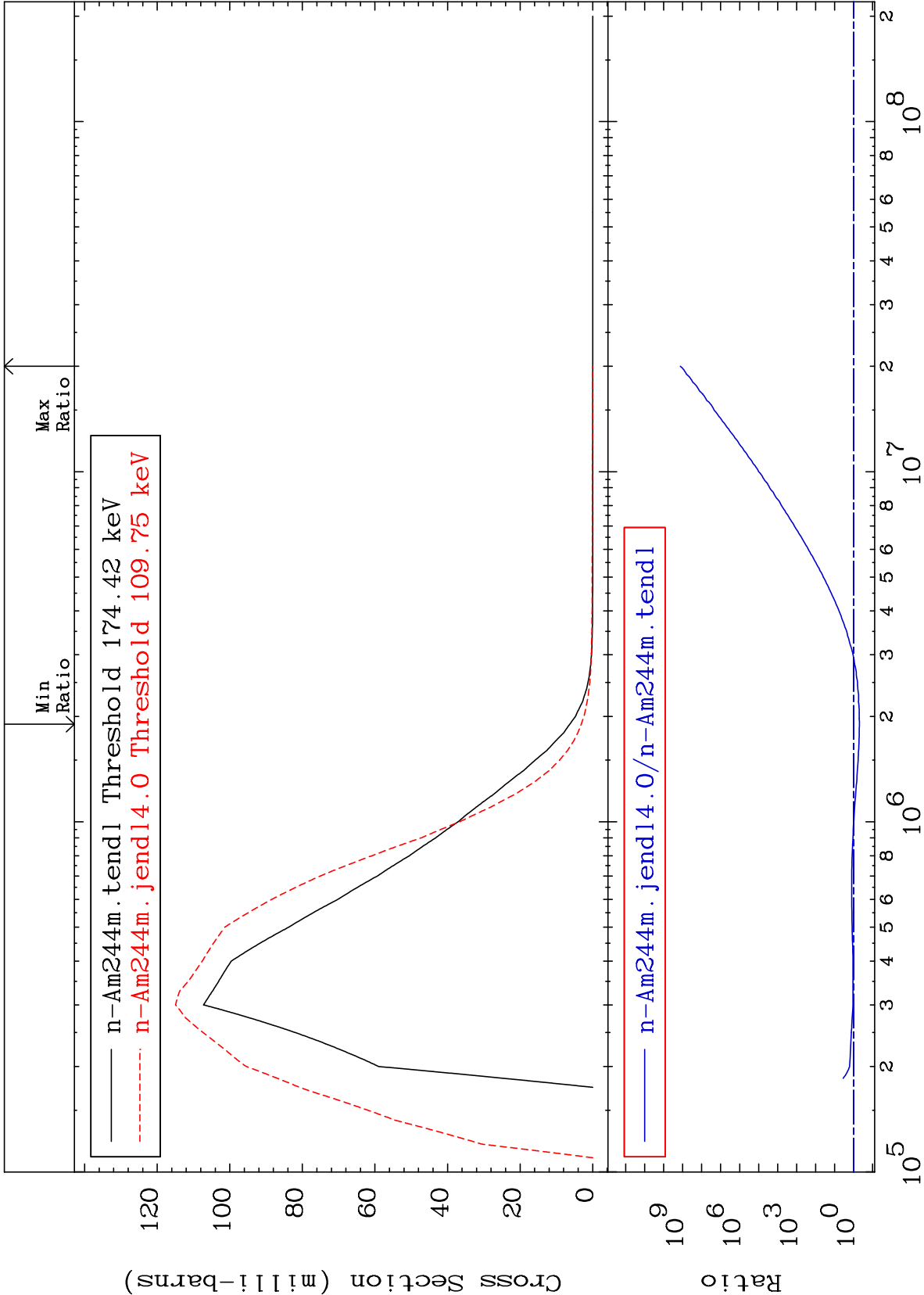
MAT 9553

MT= 59 (n,n') Level

95-Am-244

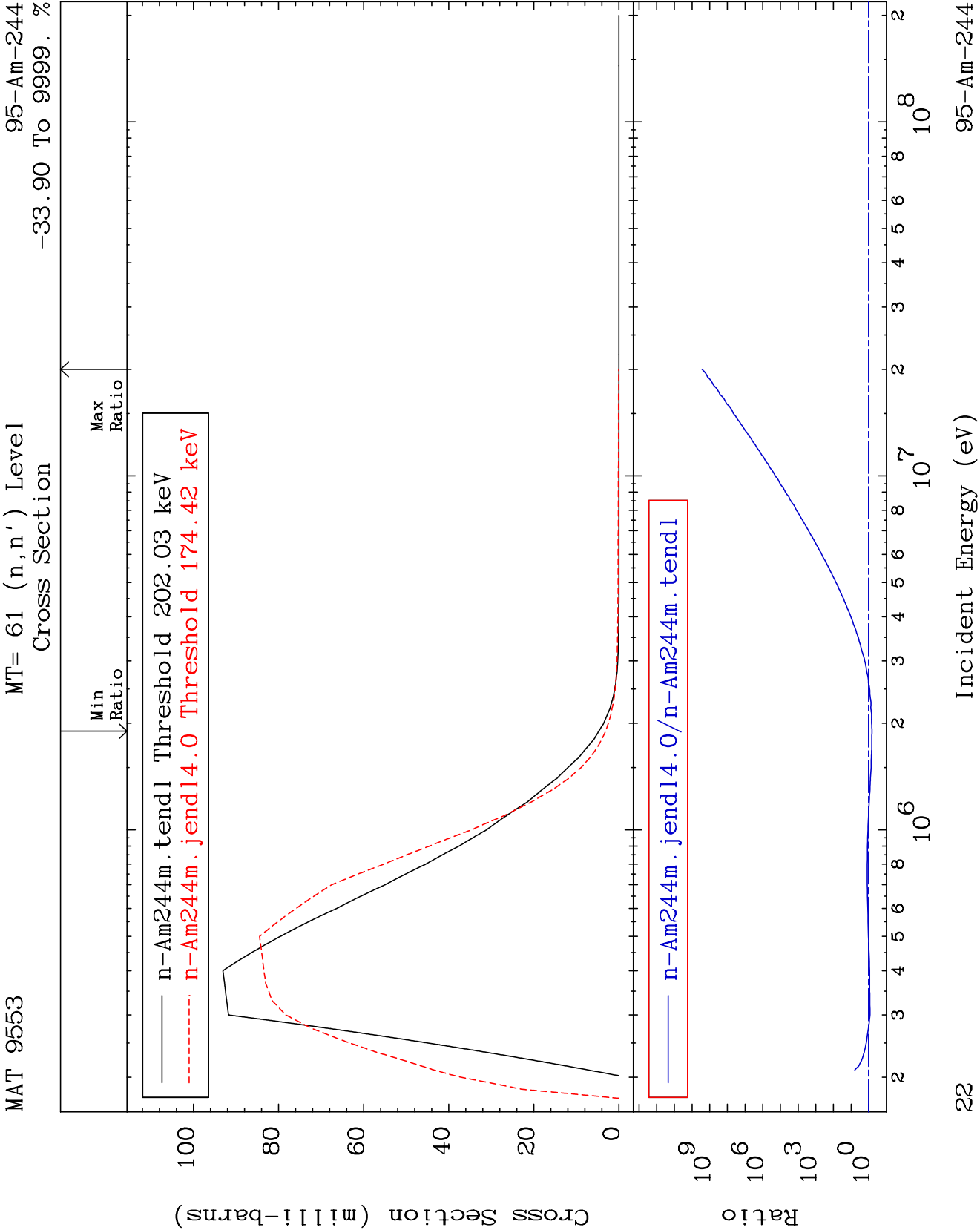
-50.56 To 9999. %

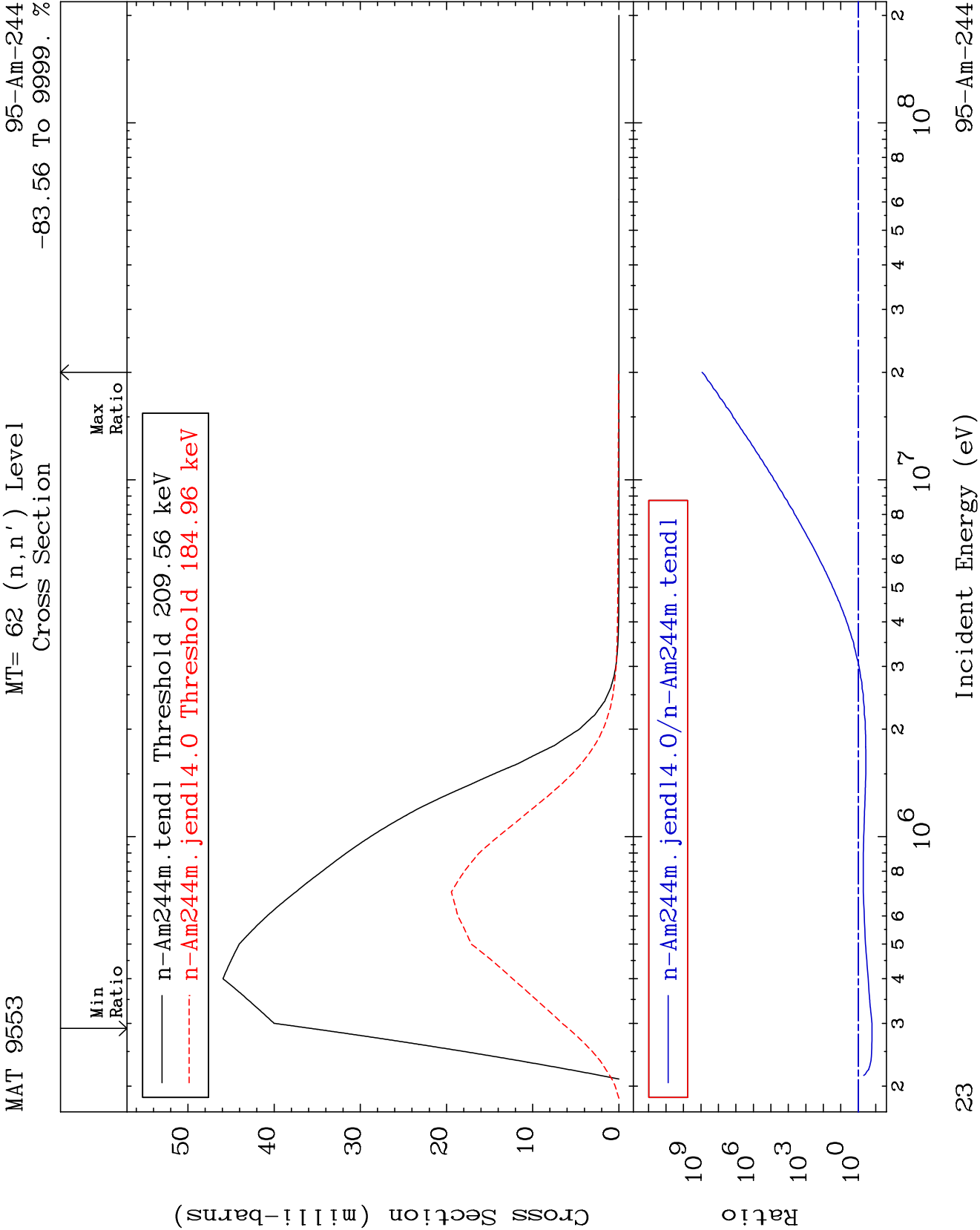
Cross Section

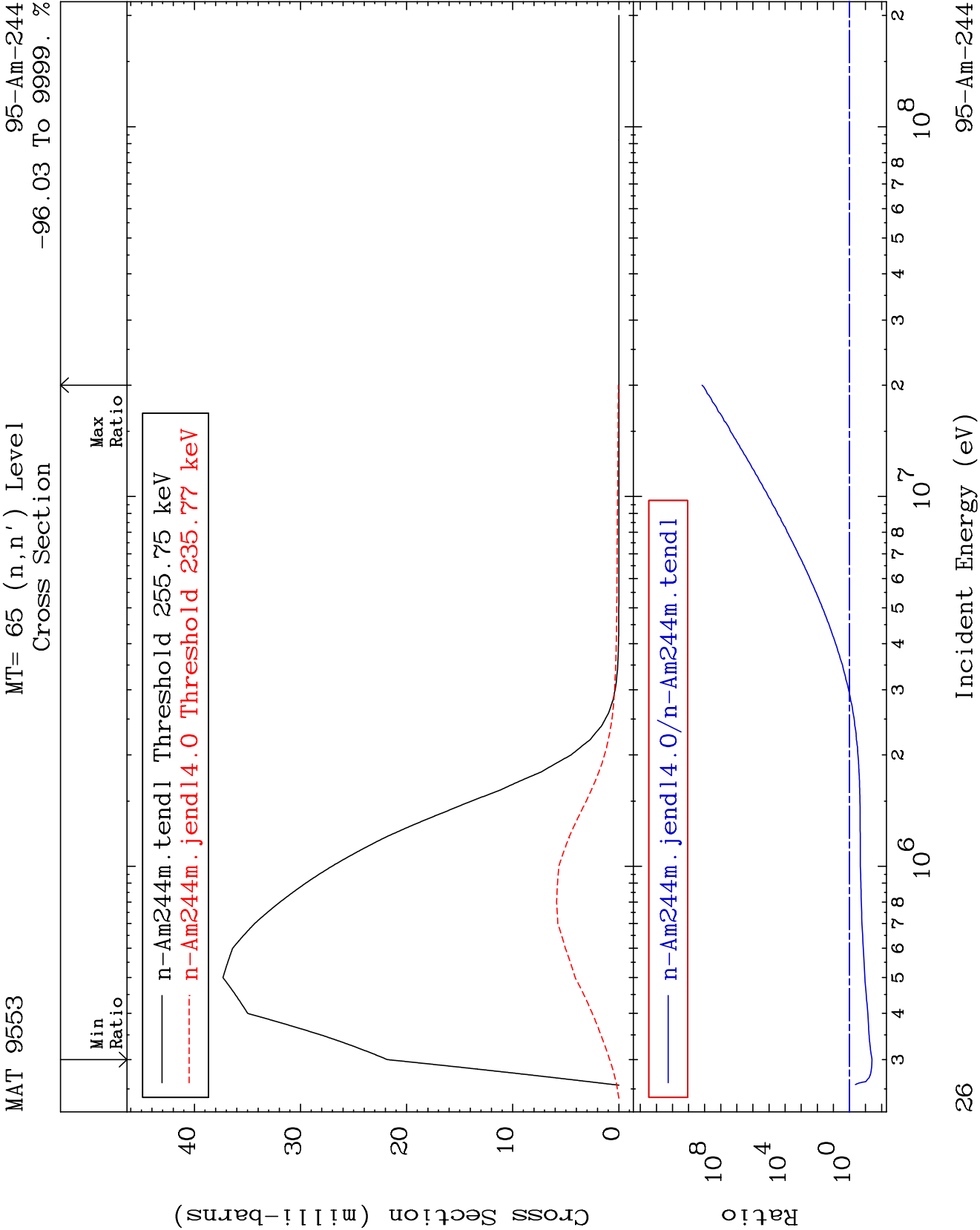


Incident Energy (eV)

95-Am-244



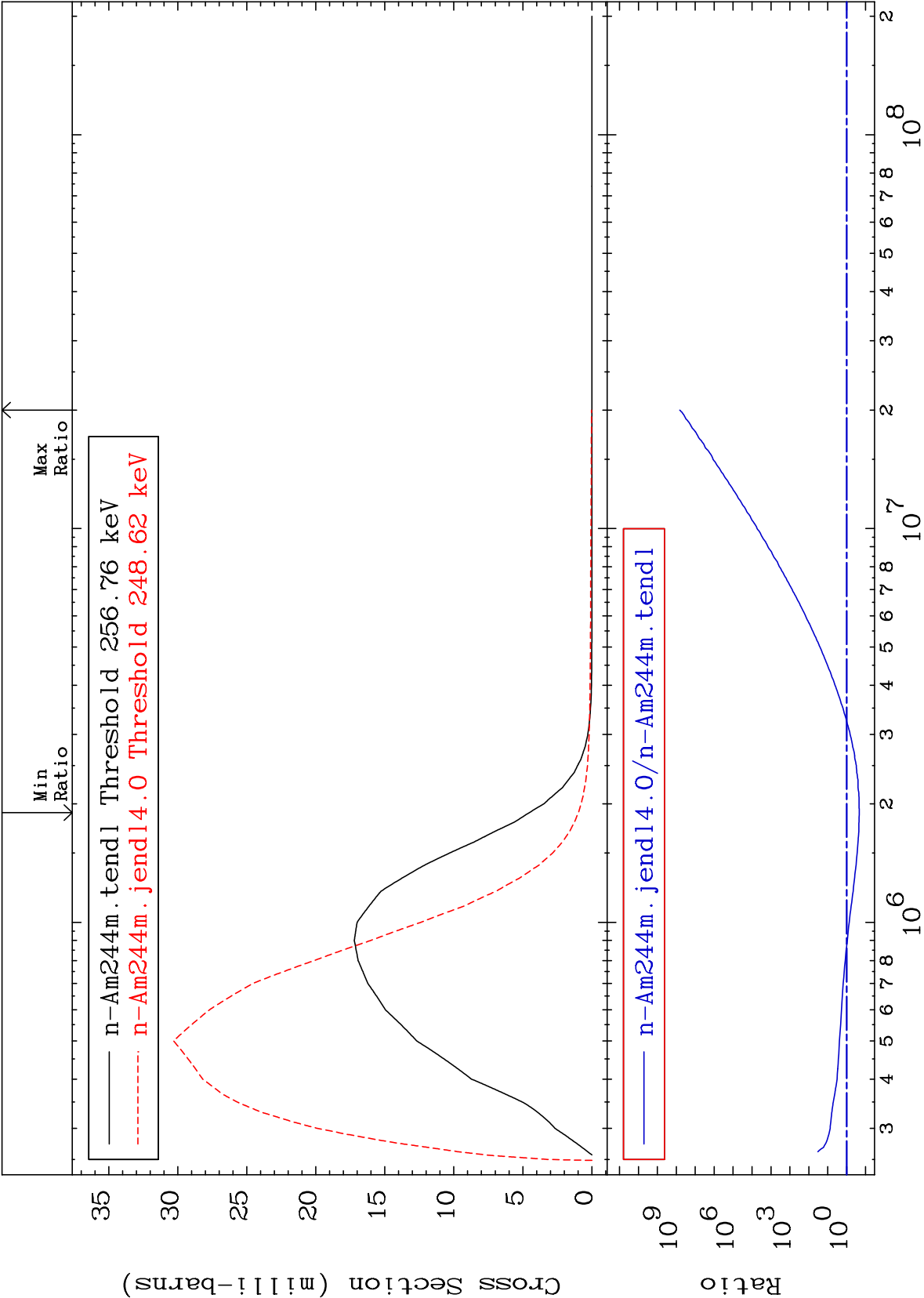




MAT 9553

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

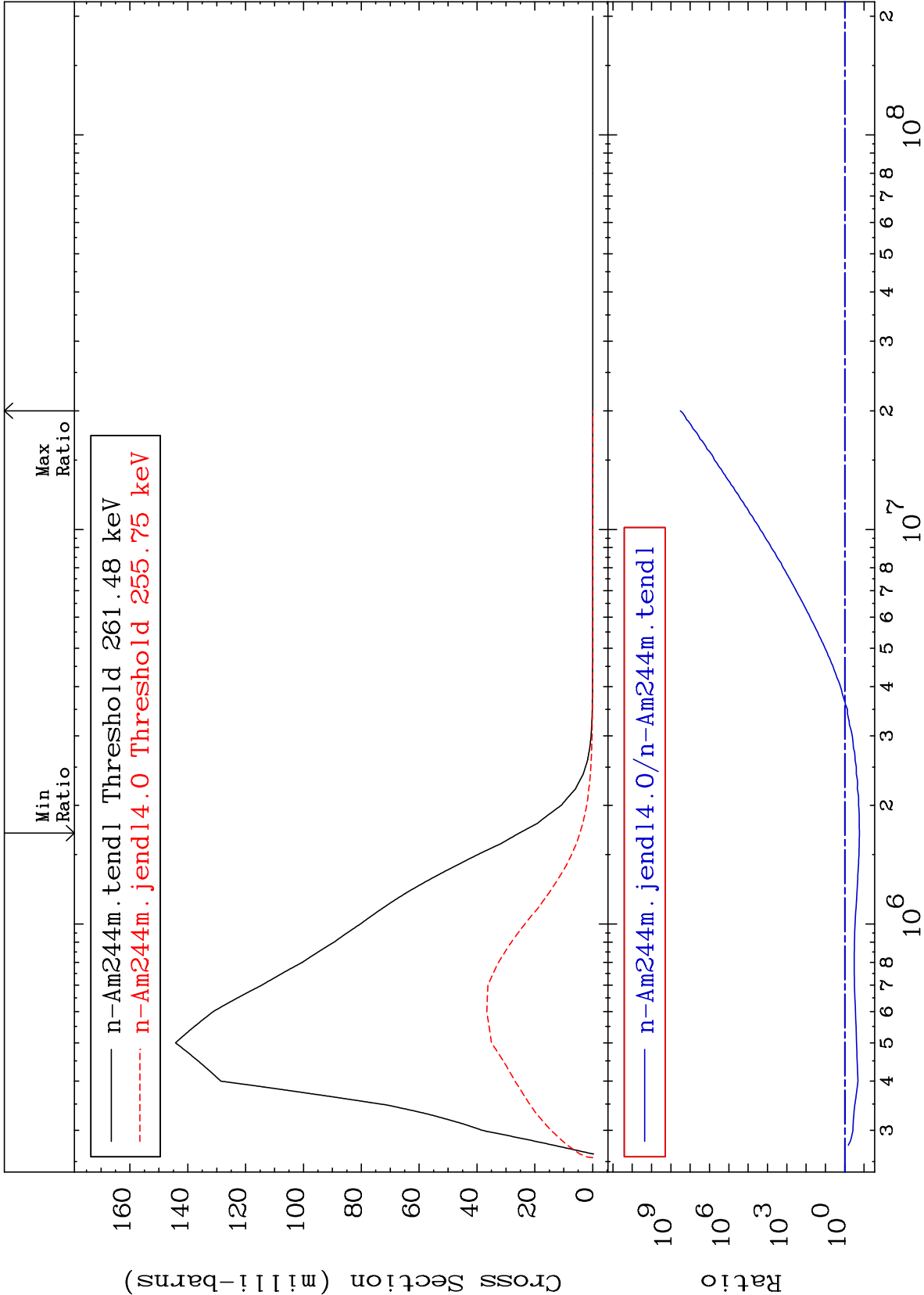
95-Am-244
-78.45 To 9999. %



MAT 9553

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

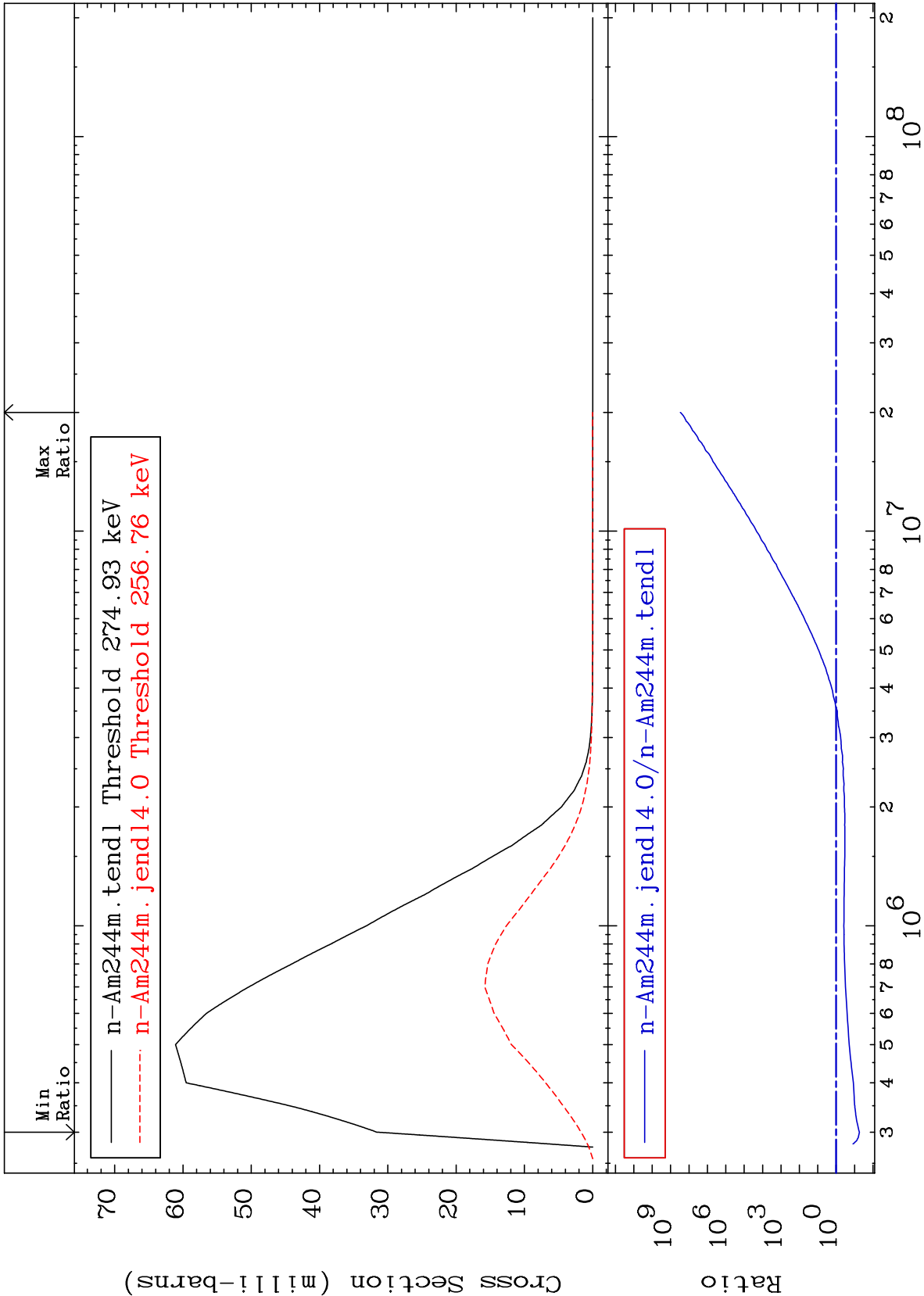
95-Am-244
-82.66 To 9999. %



MAT 9553

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

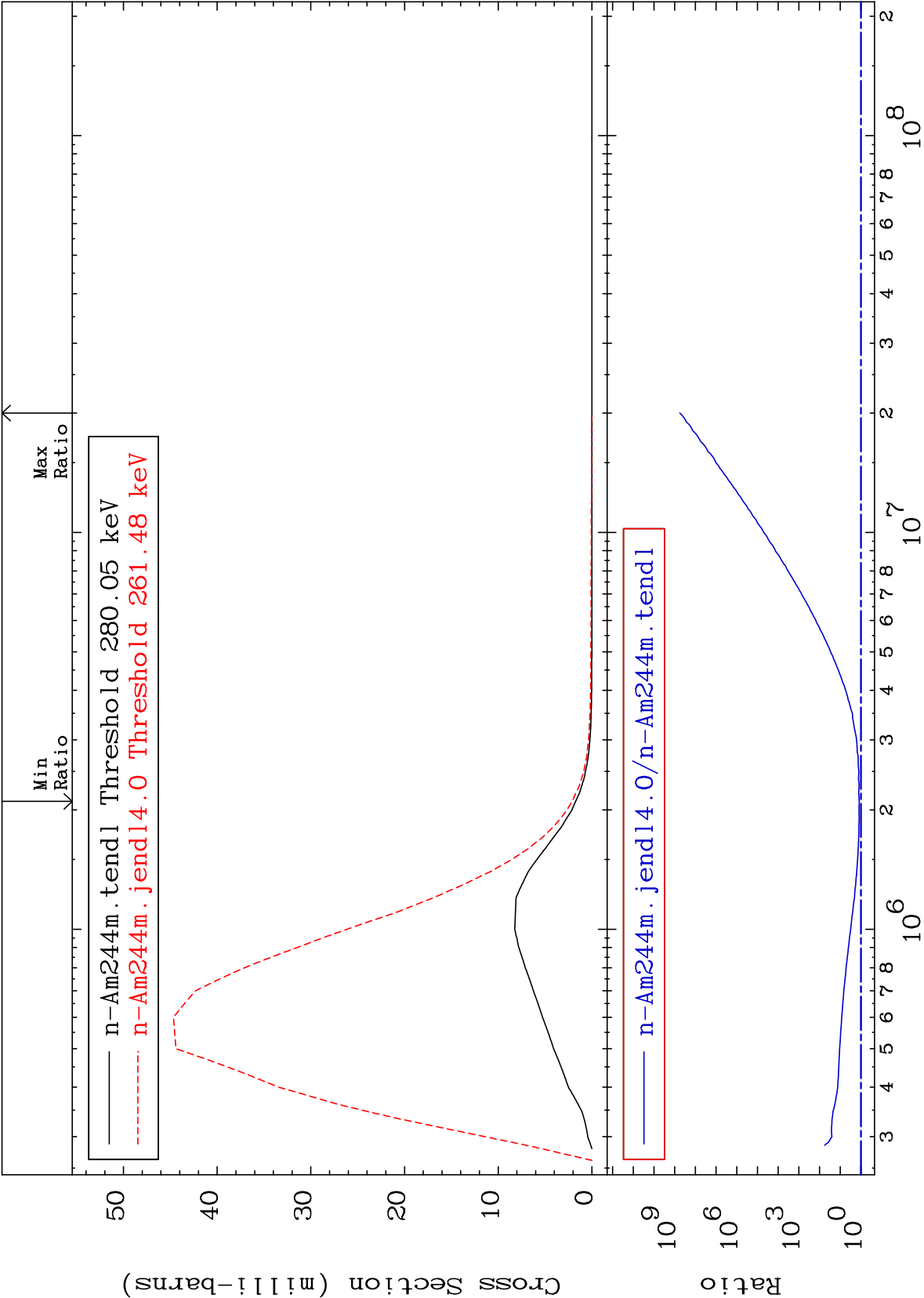
95-Am-244
-94.58 To 9999. %



MAT 9553

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

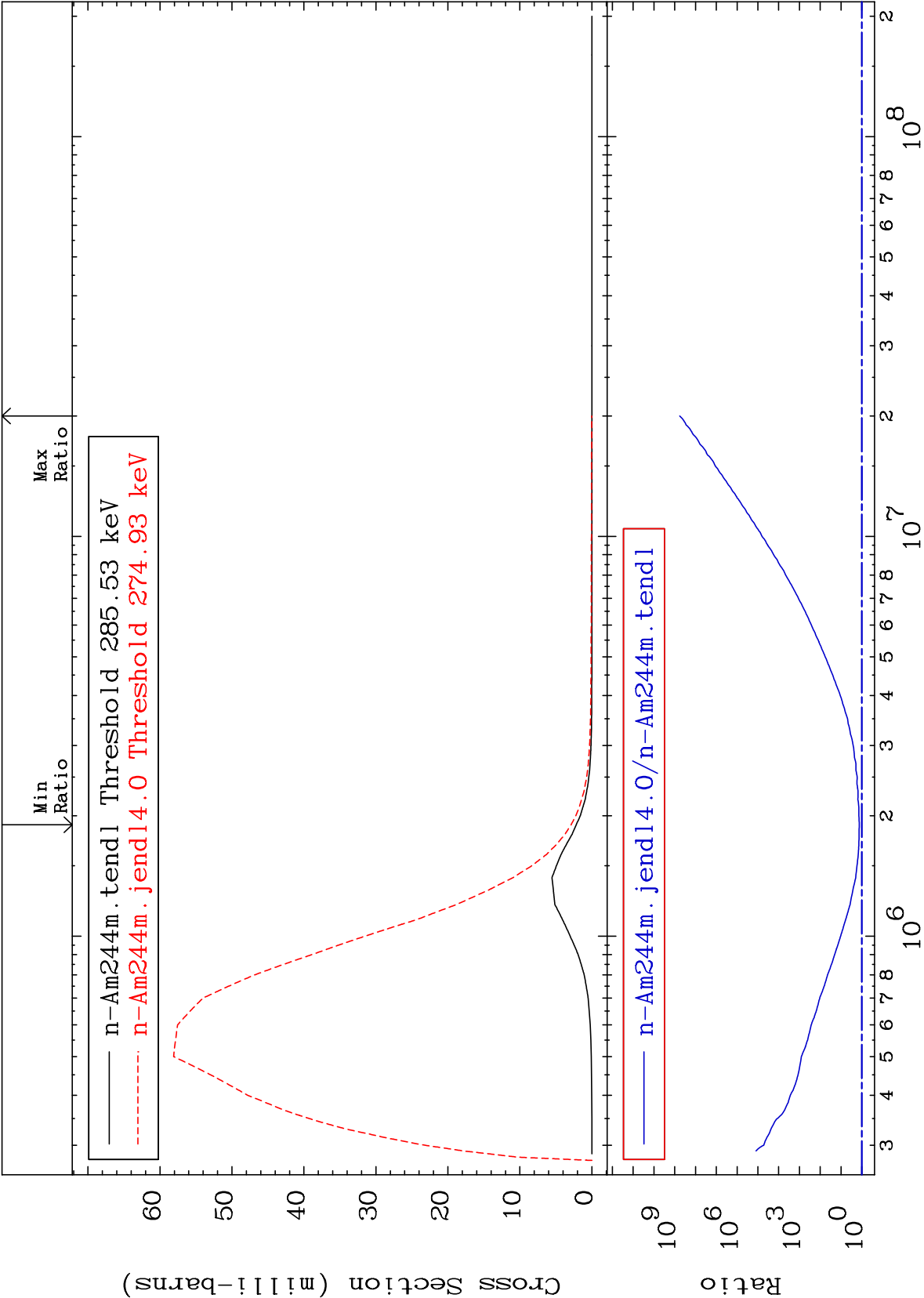
21.57 95-Am-244
To 9999. %

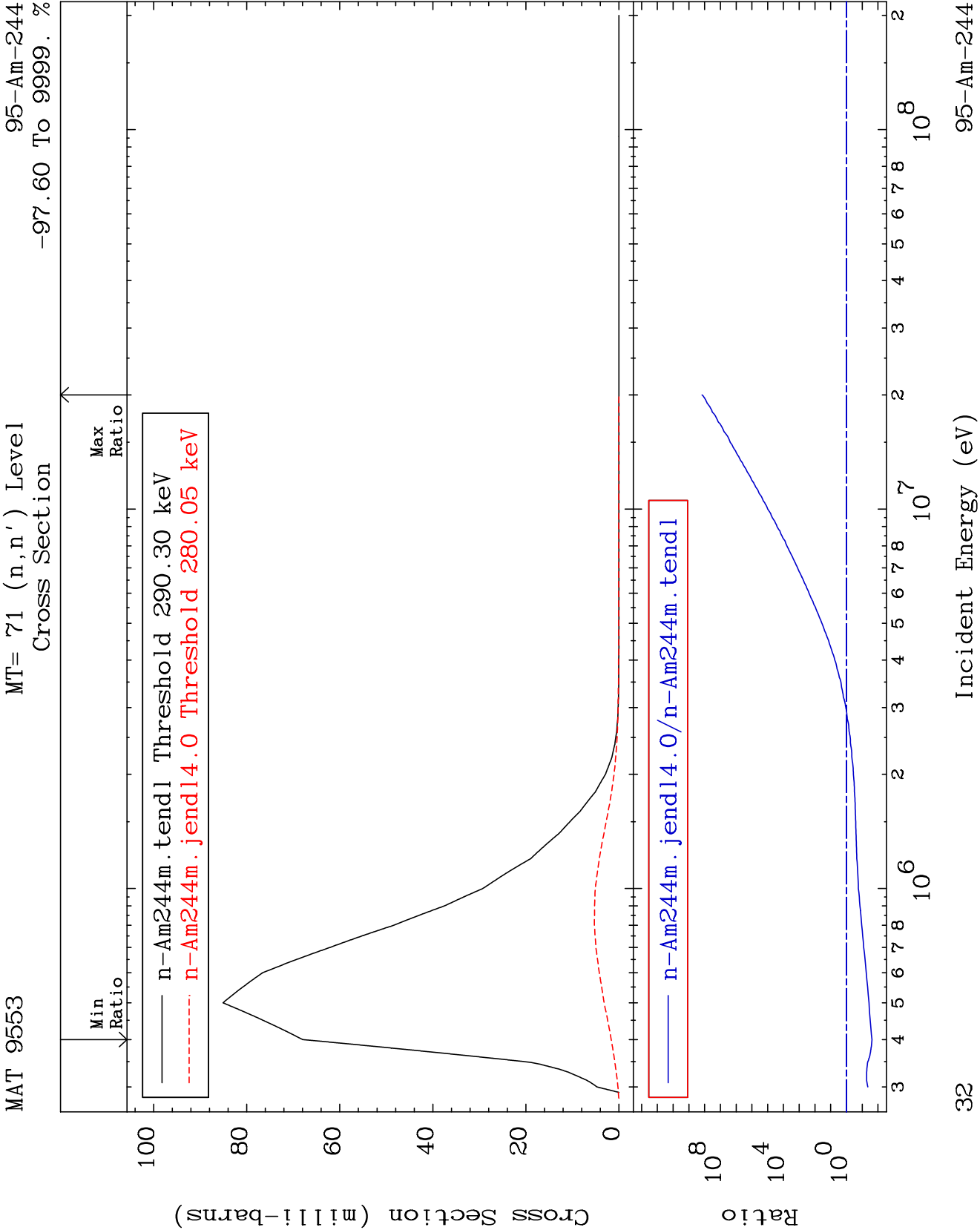


30

Incident Energy (eV)

95-Am-244

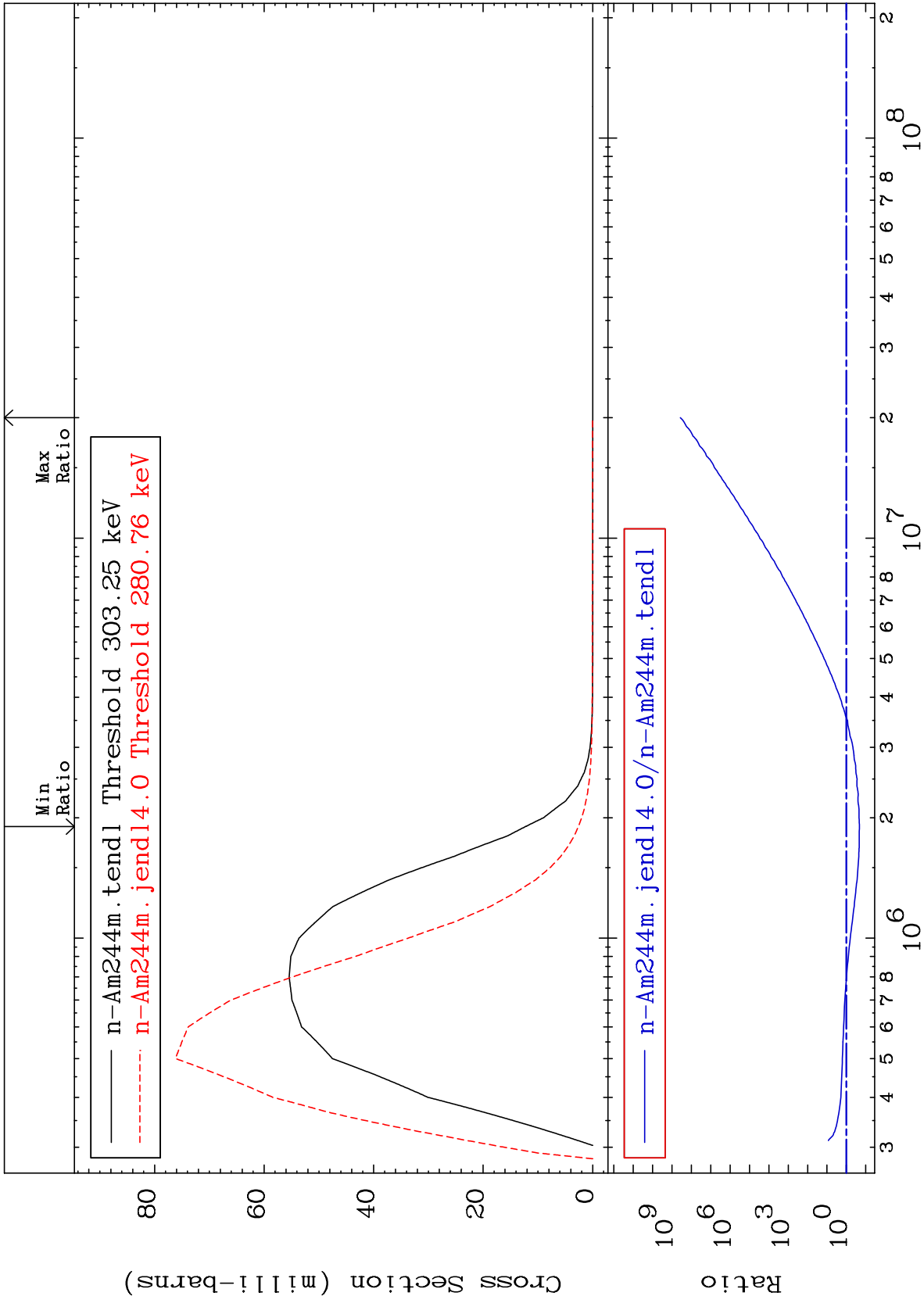




MAT 9553

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

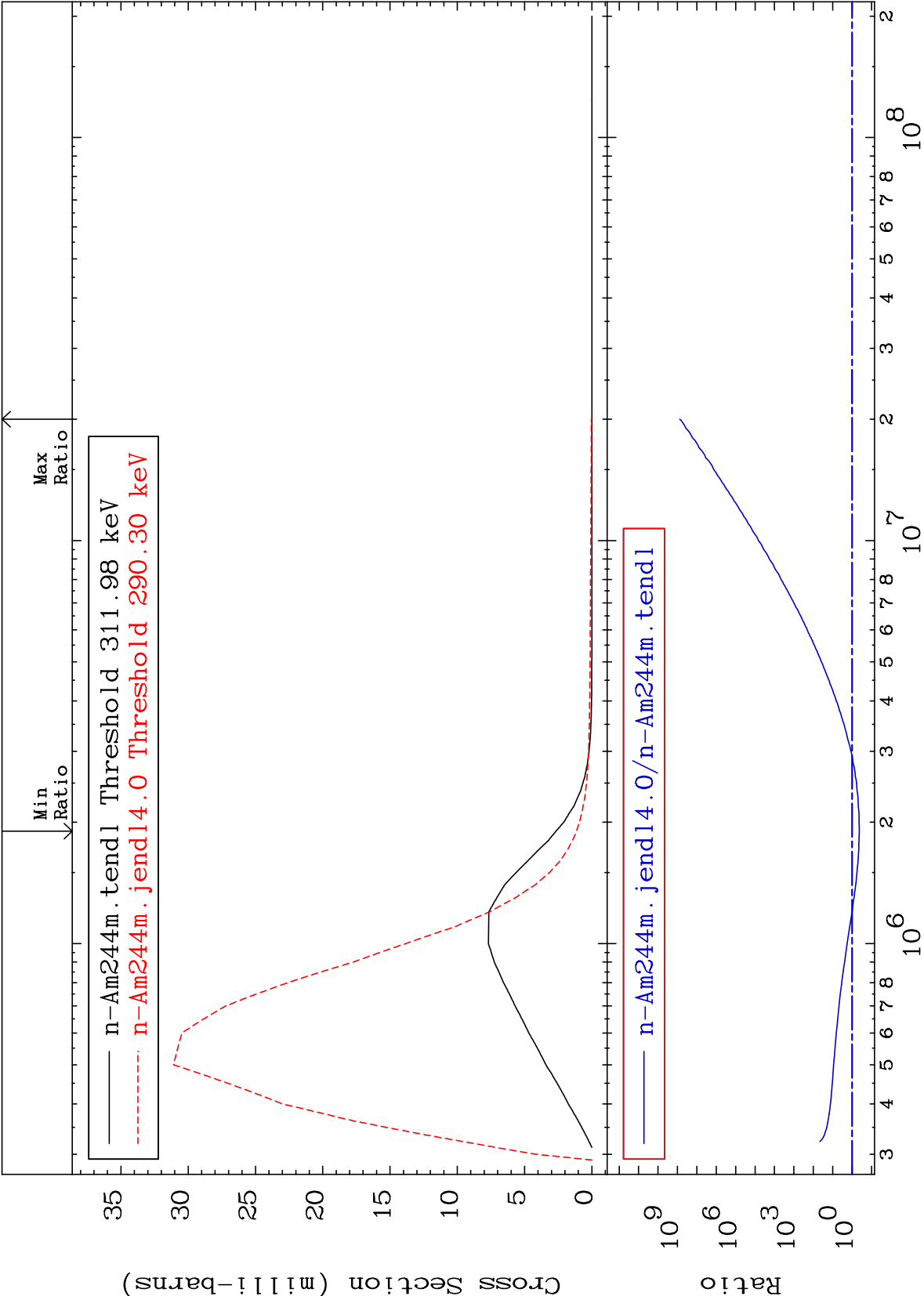
95-Am-244
-78.82 To 9999. %



MAT 9553

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

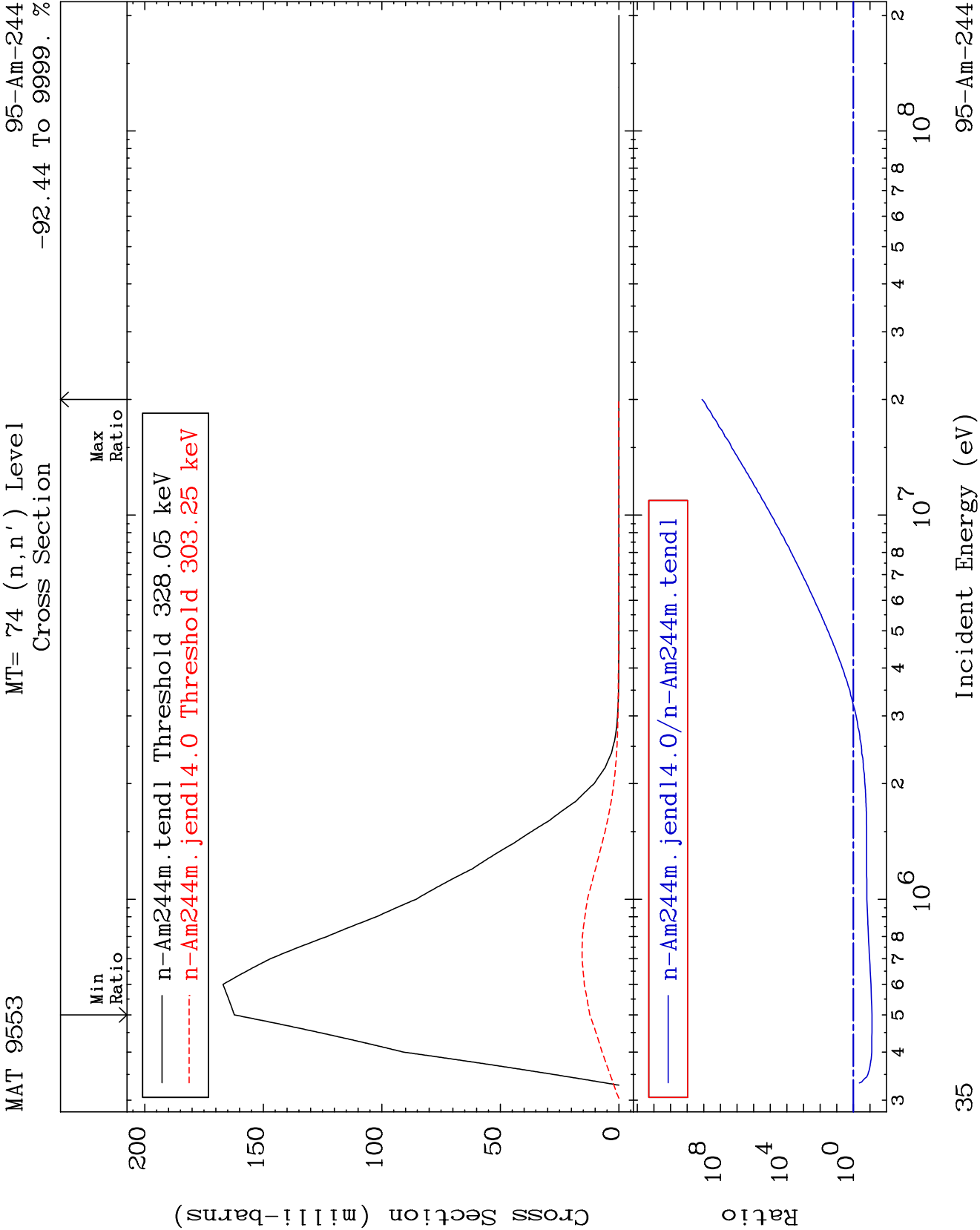
95-Am-244
-57.05 To 9999. %



34

Incident Energy (eV)

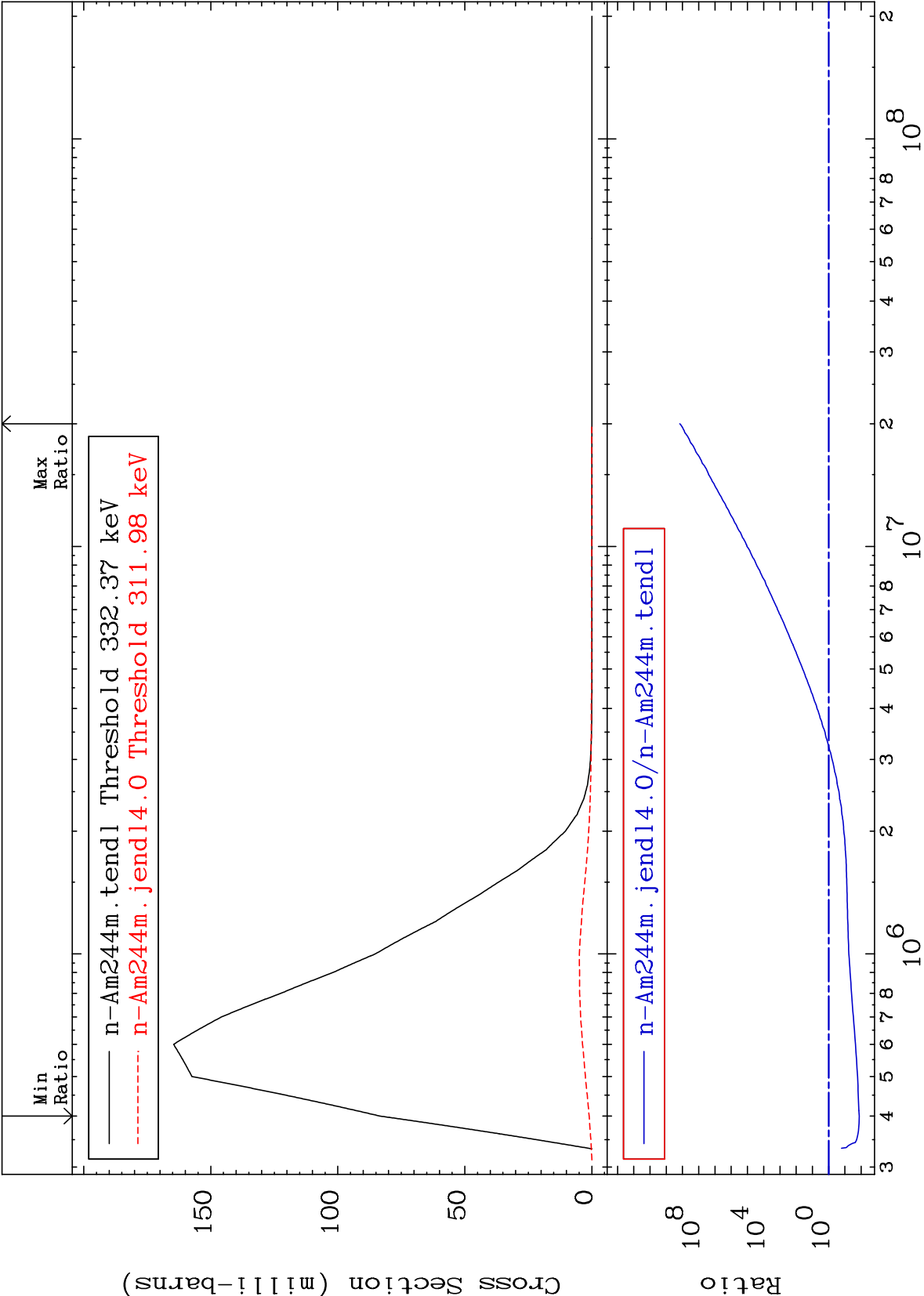
95-Am-244



MAT 9553

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

95-Am-244
-98.70 To 9999. %



36

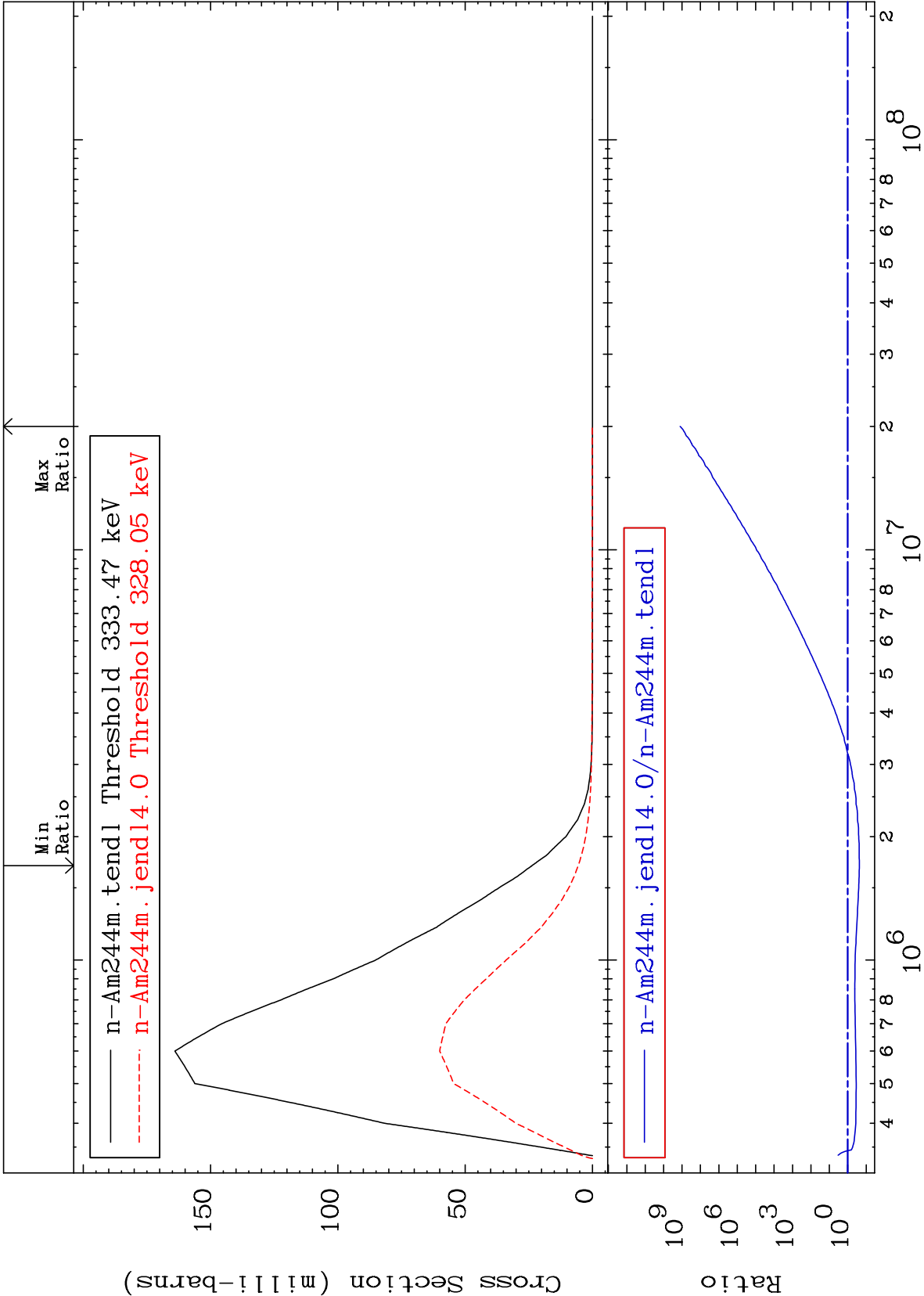
Incident Energy (eV)

95-Am-244

MAT 9553

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

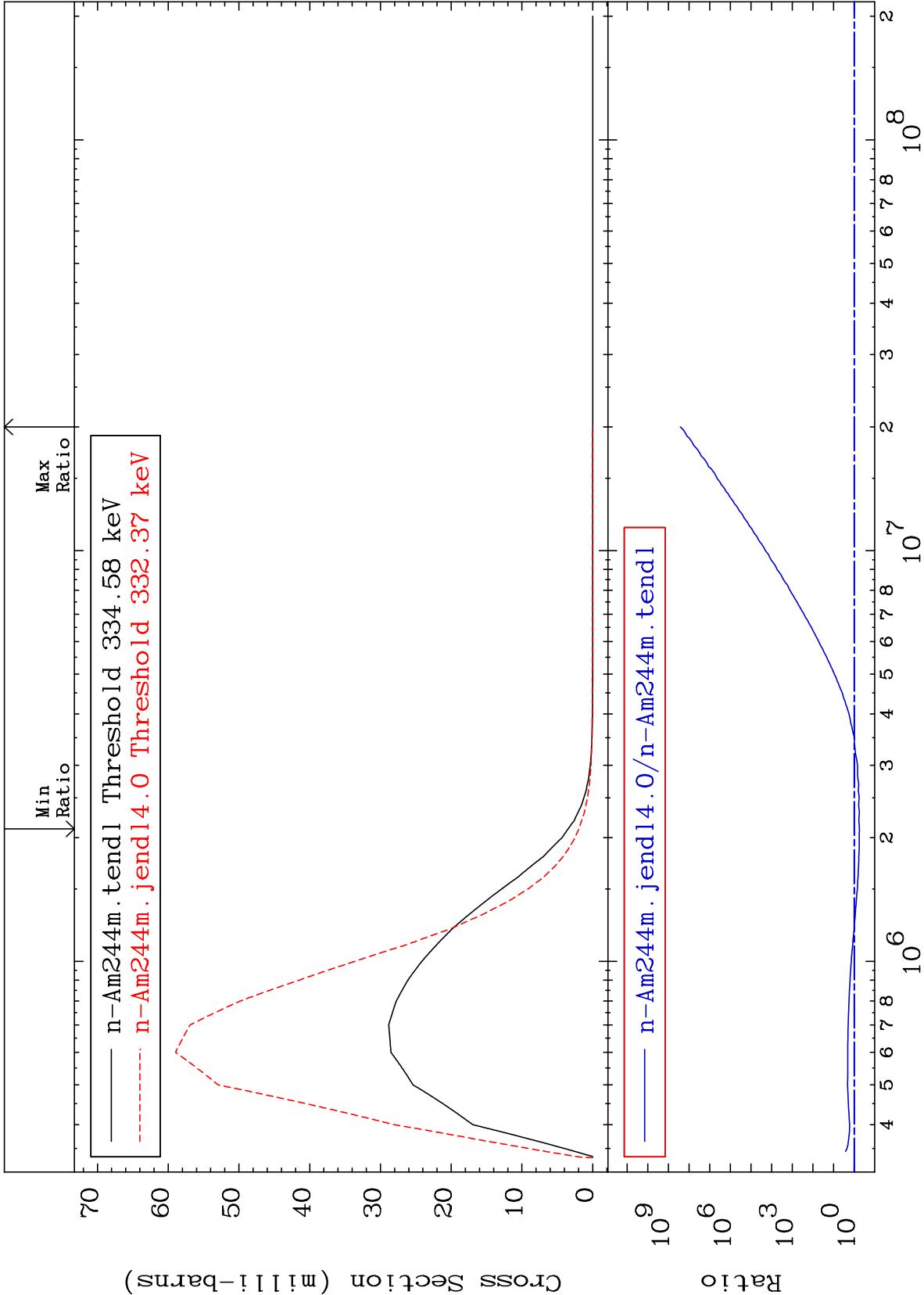
95-Am-244
-76.62 To 9999. %



MAT 9553

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

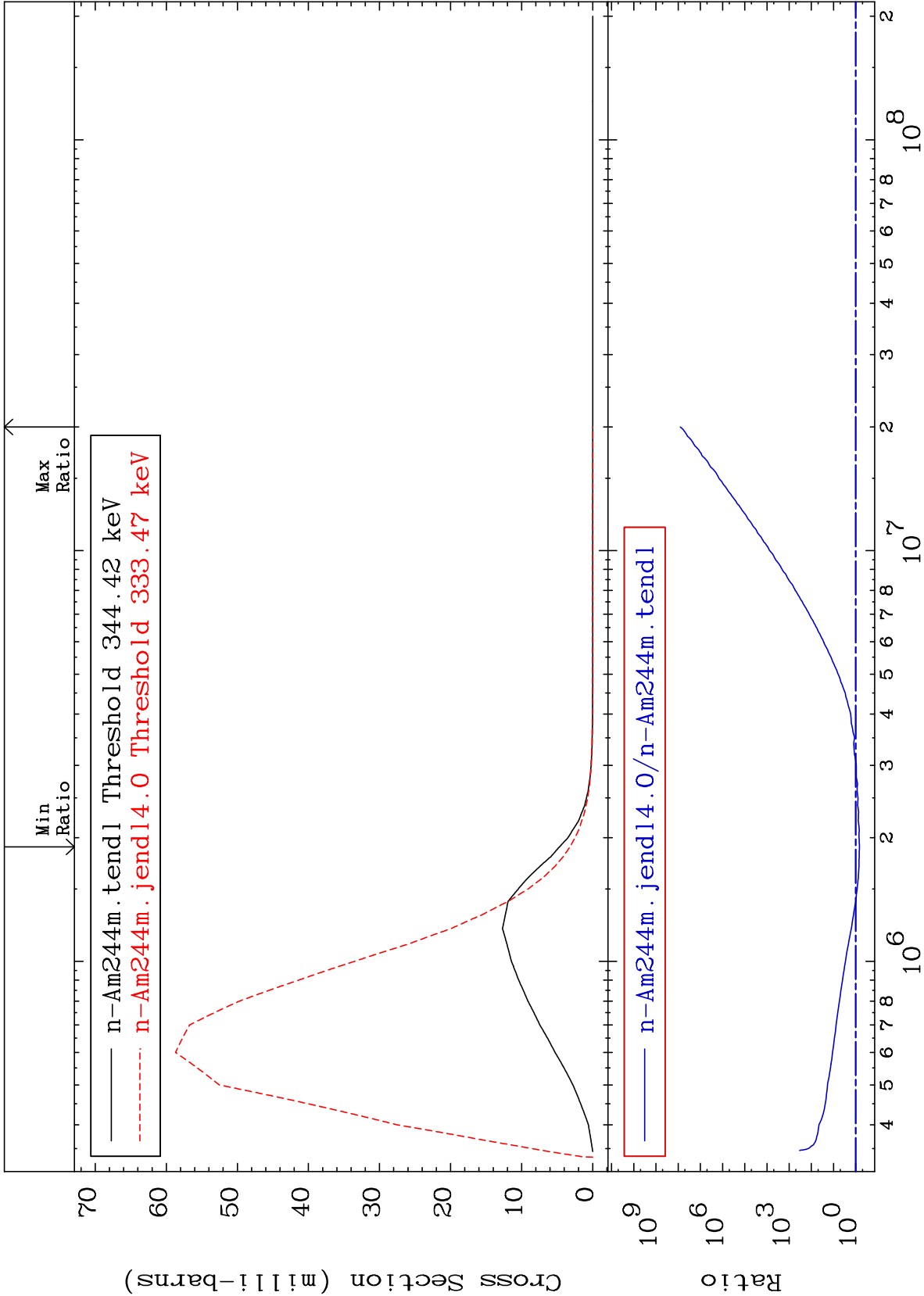
95-Am-244
-44.01 To 9999. %



MAT 9553

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

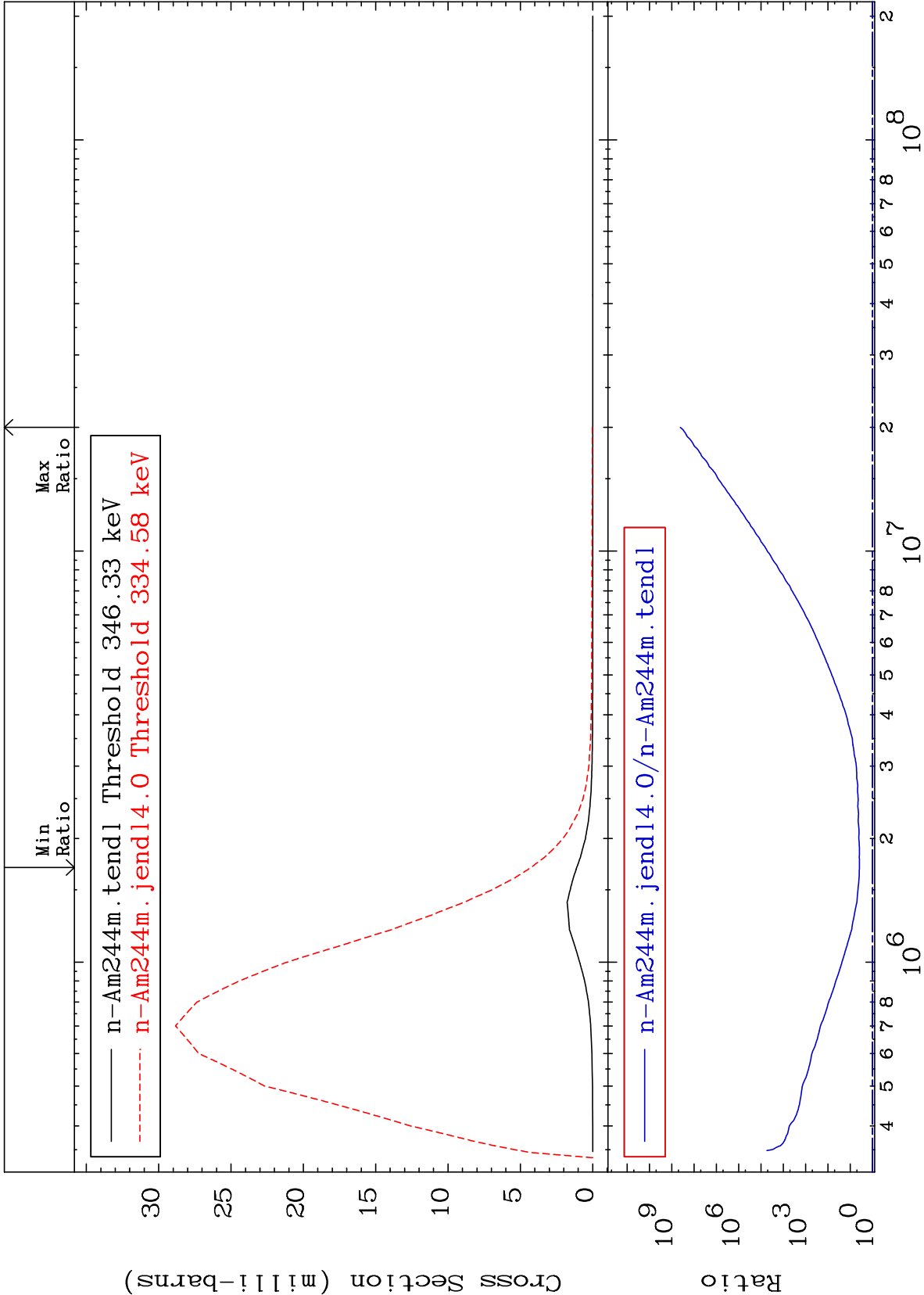
95-Am-244
-31.61 To 9999. %



MAT 9553

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

287.1 95-Am-244
To 9999. %



40

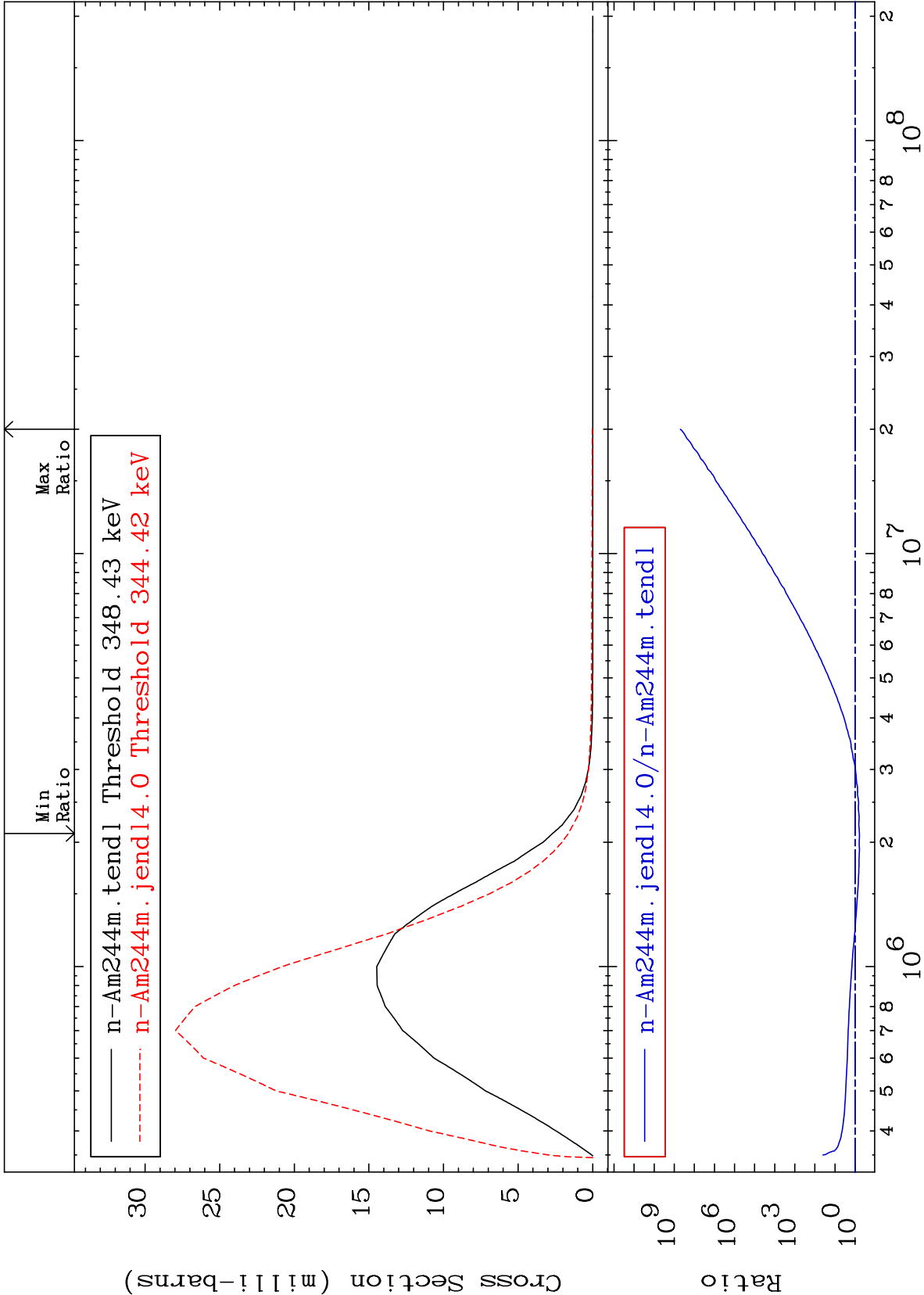
Incident Energy (eV)

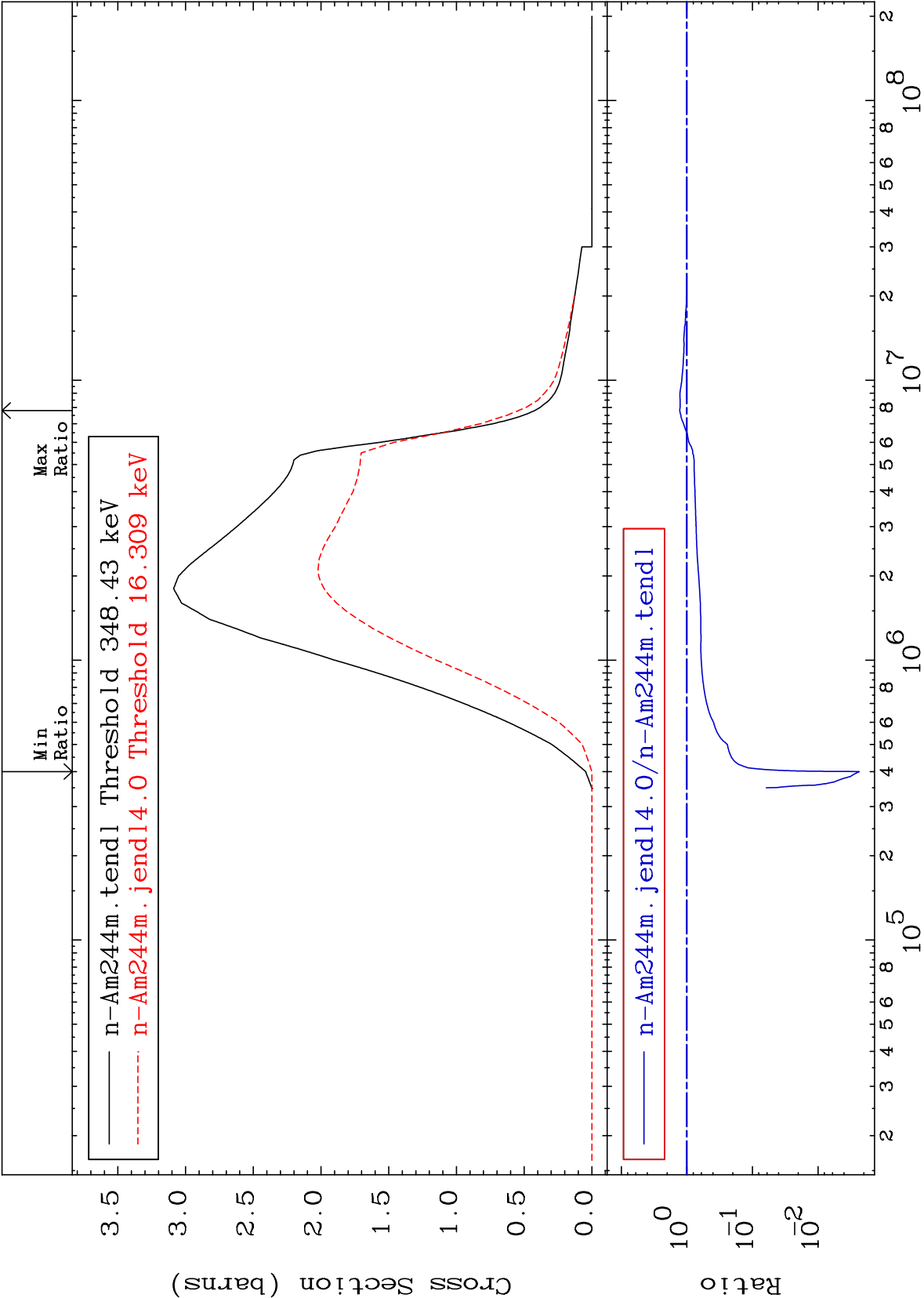
95-Am-244

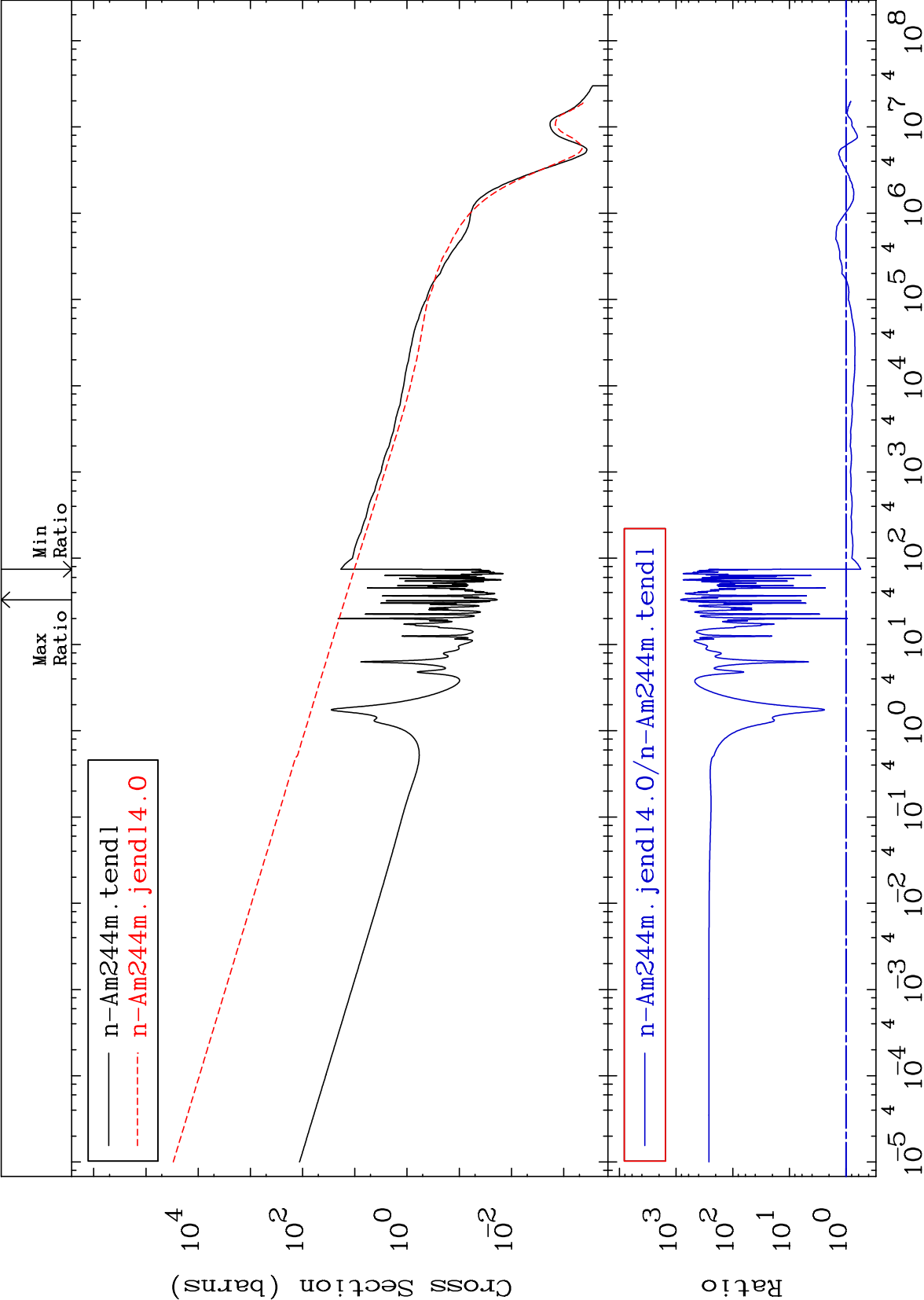
MAT 9553

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

95-Am-244
-39.41 To 9999. %







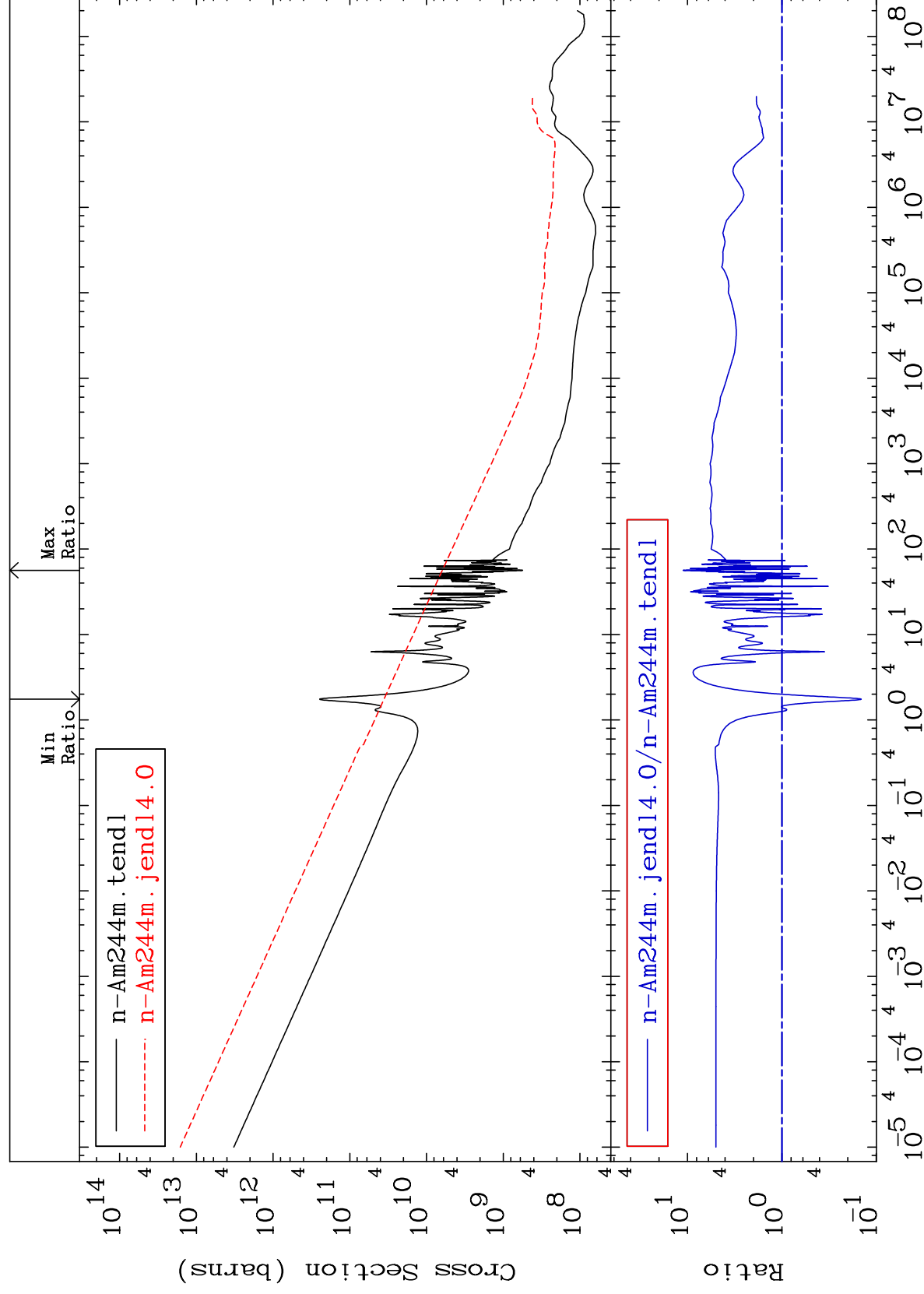
MAT 9553

Kerma total (eV-barns)

Cross Section

95-Am-244

-85.58 To 1017. %



44

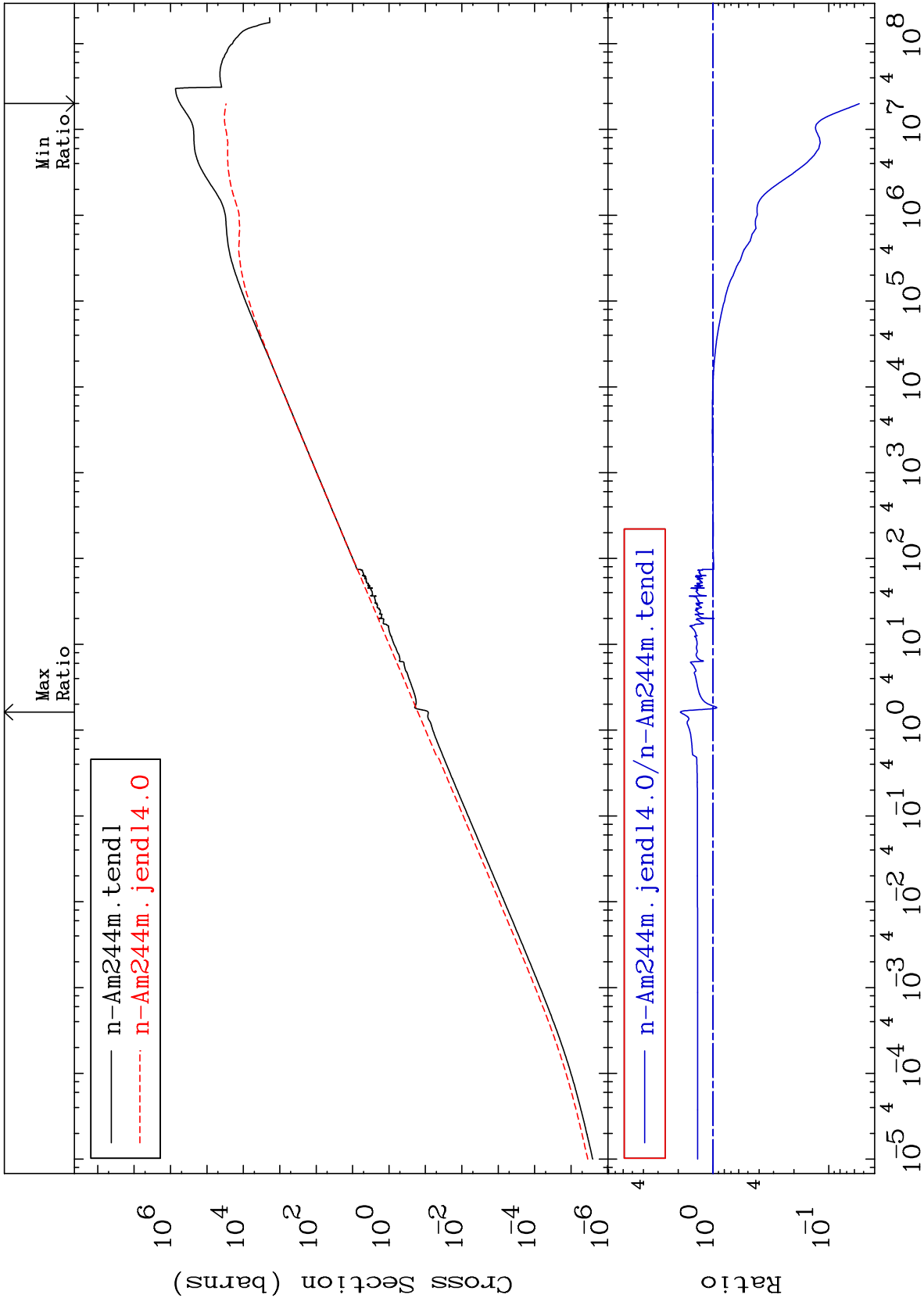
Incident Energy (eV)

95-Am-244

MAT 9553

Kerma elastic
Cross Section

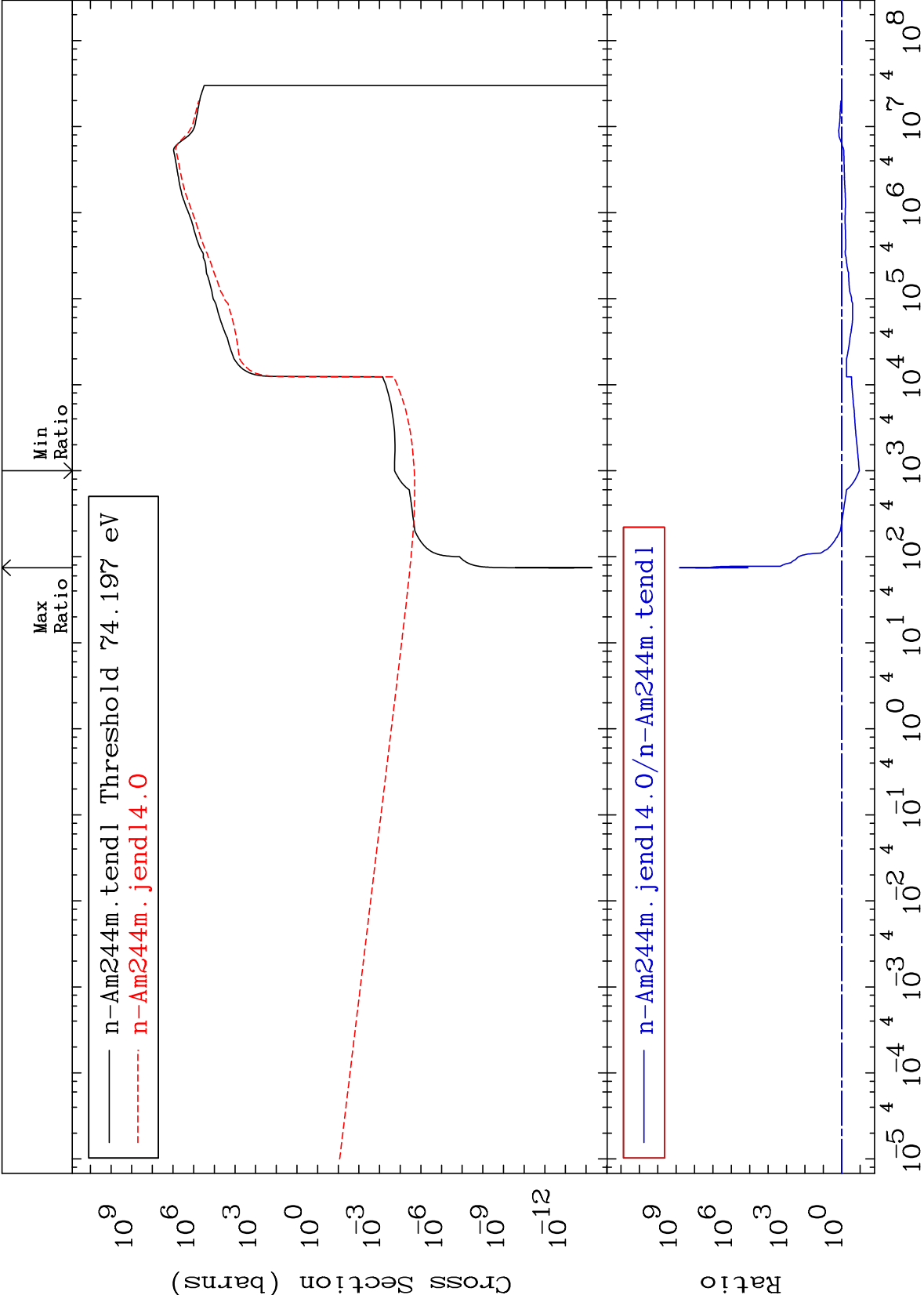
95-Am-244
-94.56 To 91.96 %

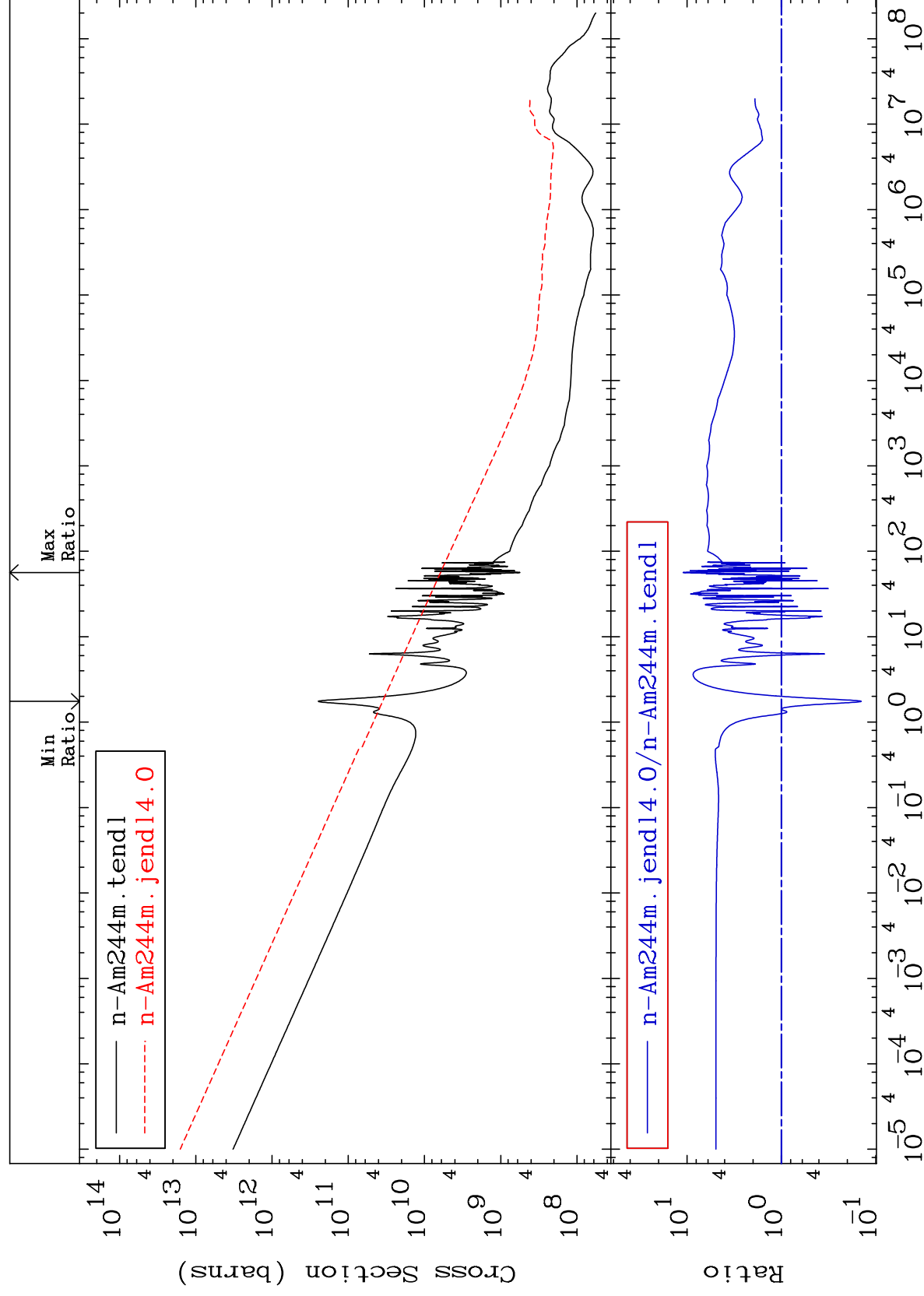


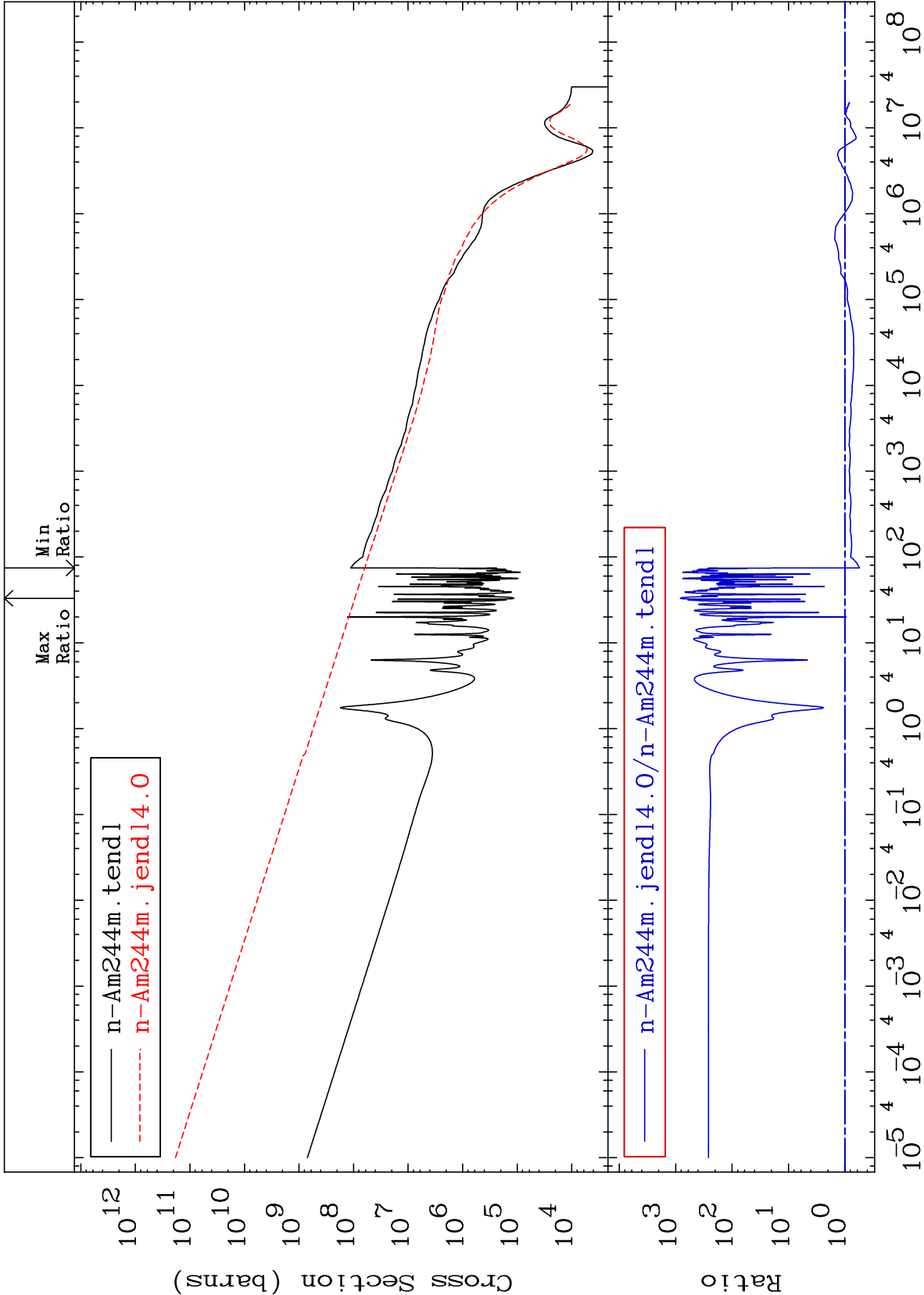
45

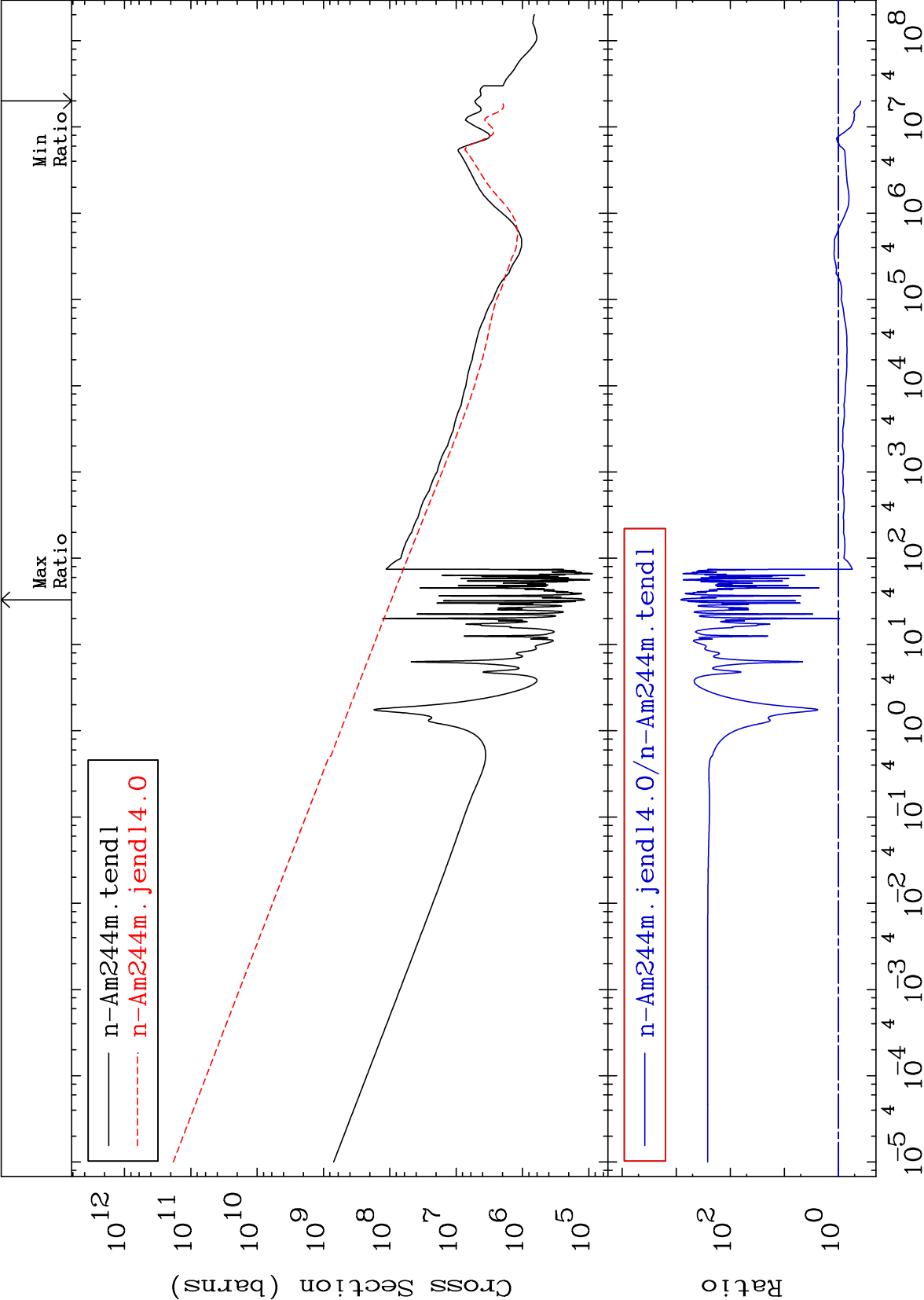
Incident Energy (eV)

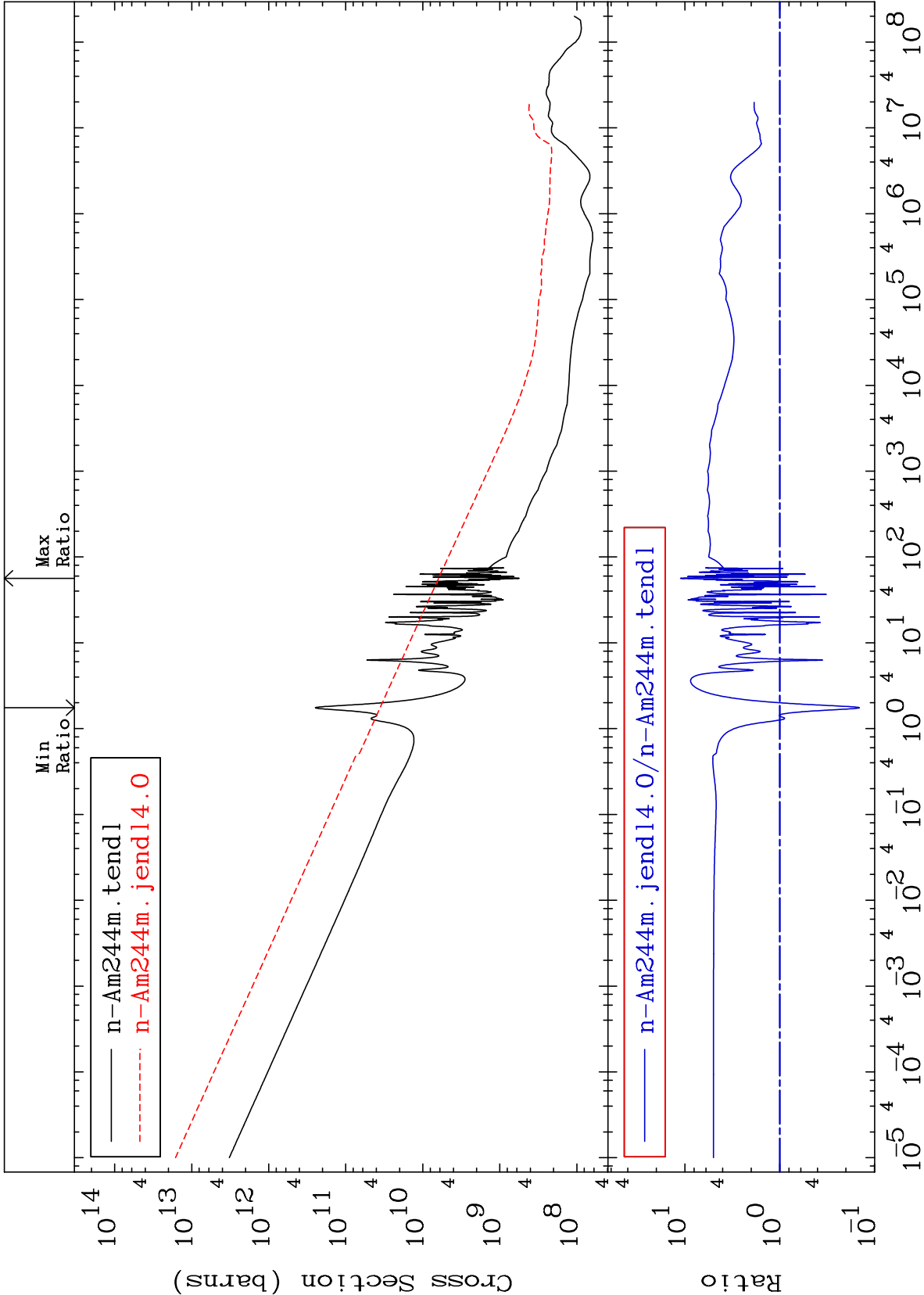
95-Am-244

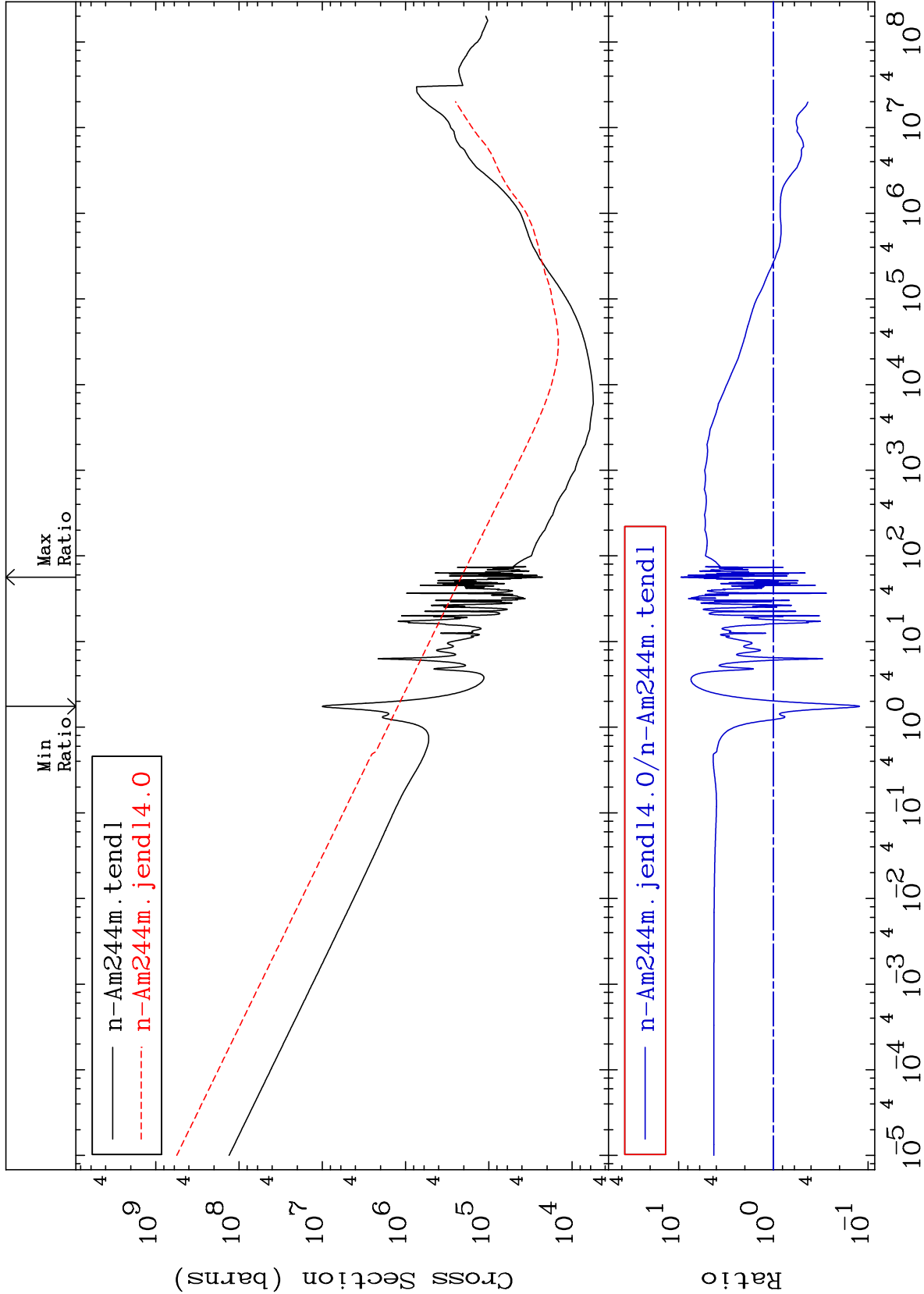






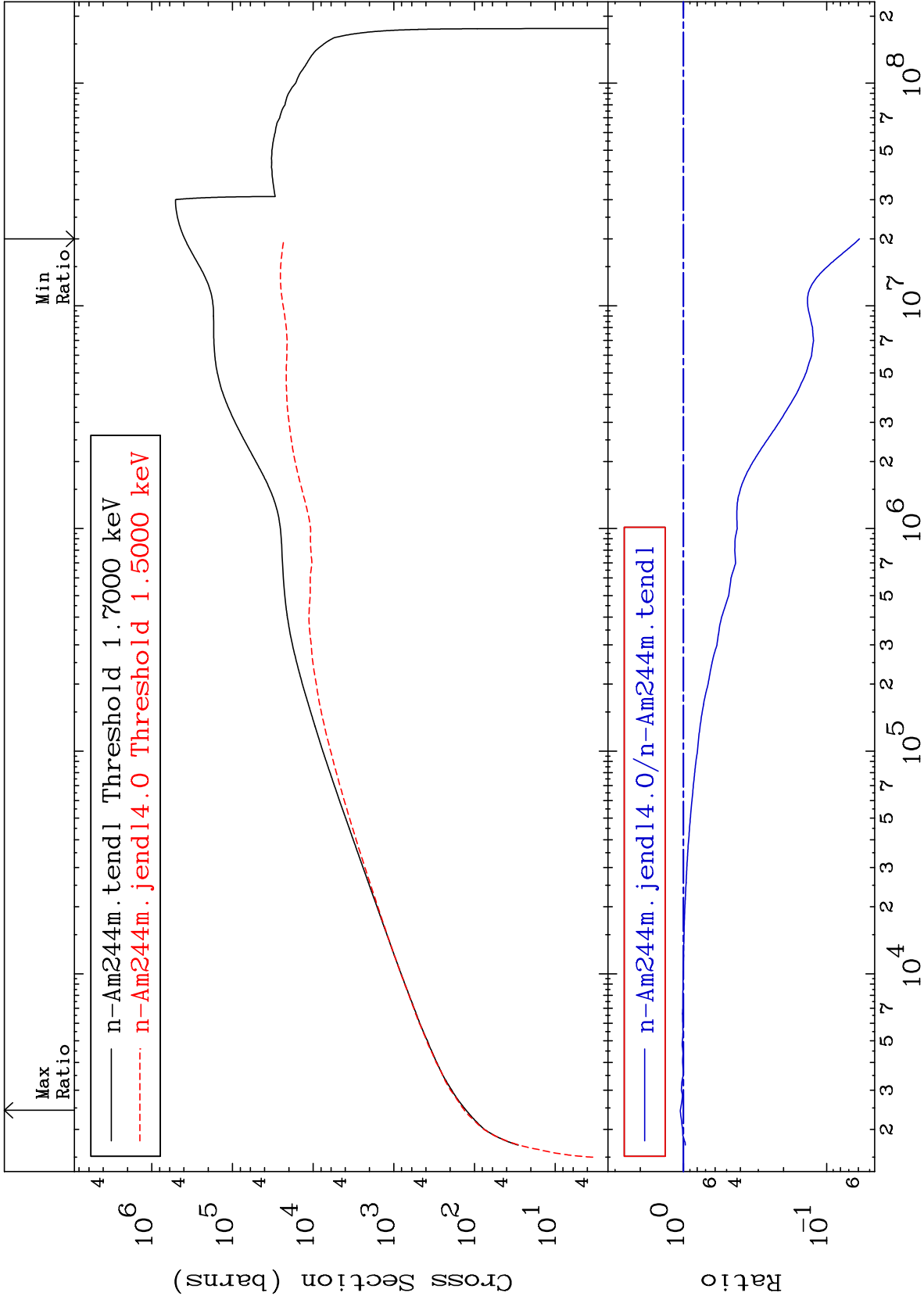


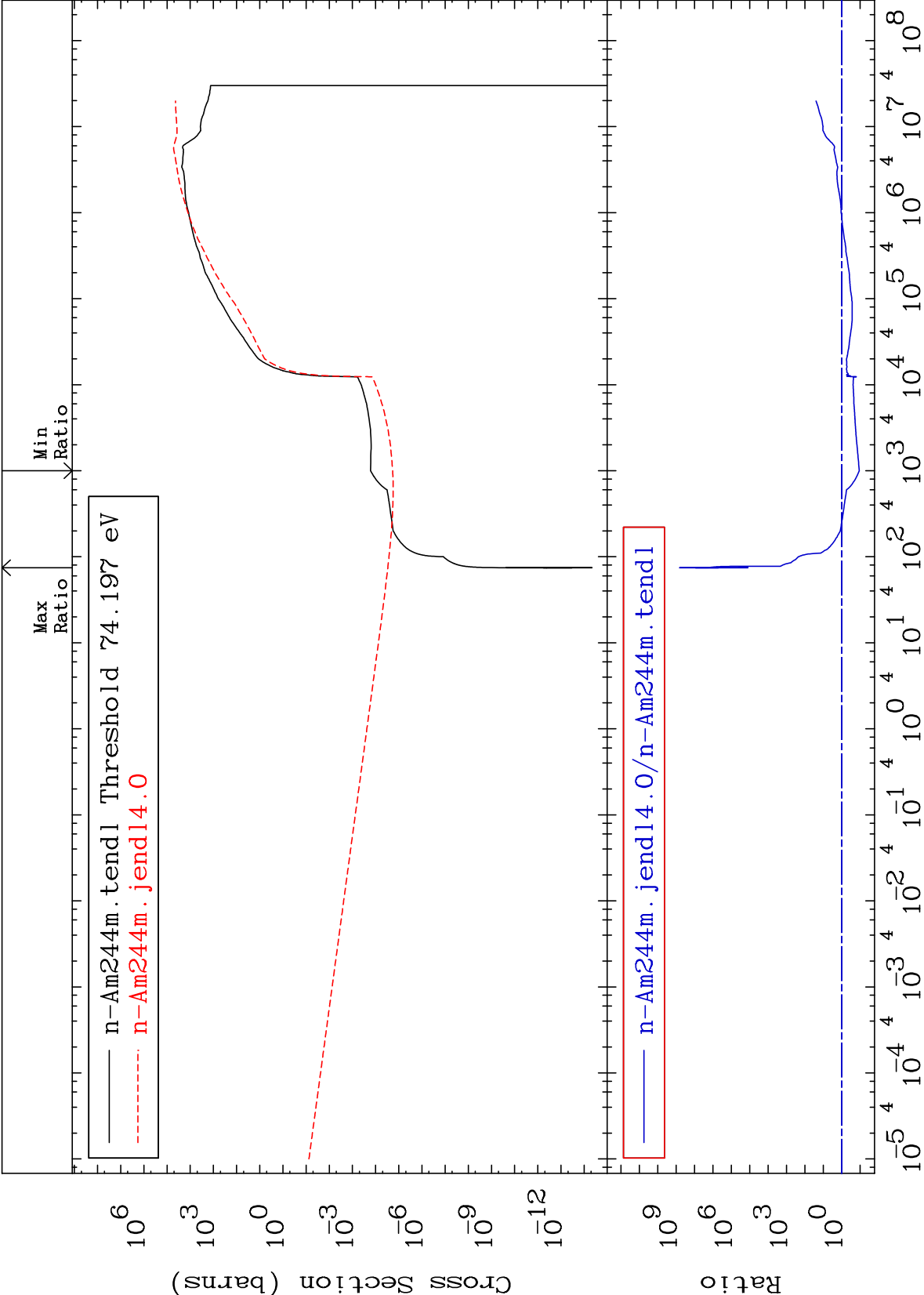




Cross Section

-94.10 To 5.058 %





MAT 9553

Dpa disappearance (mt102 -120)

95-Am-244

Cross Section

-100.0 To 9999. %

