

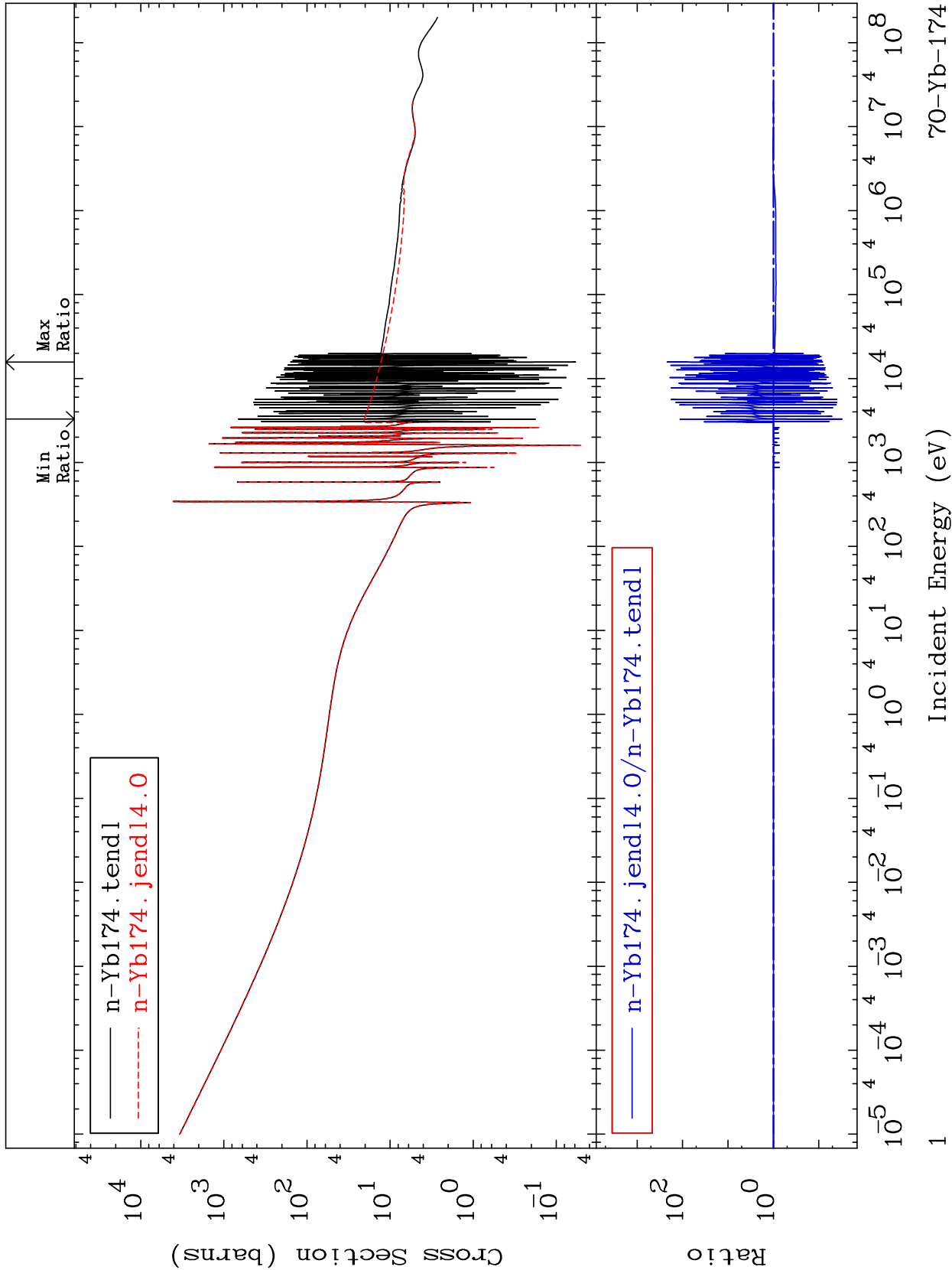
MAT 7043

Total

⁷⁰Yb-174

Cross Section

-96.94 To 9999. %



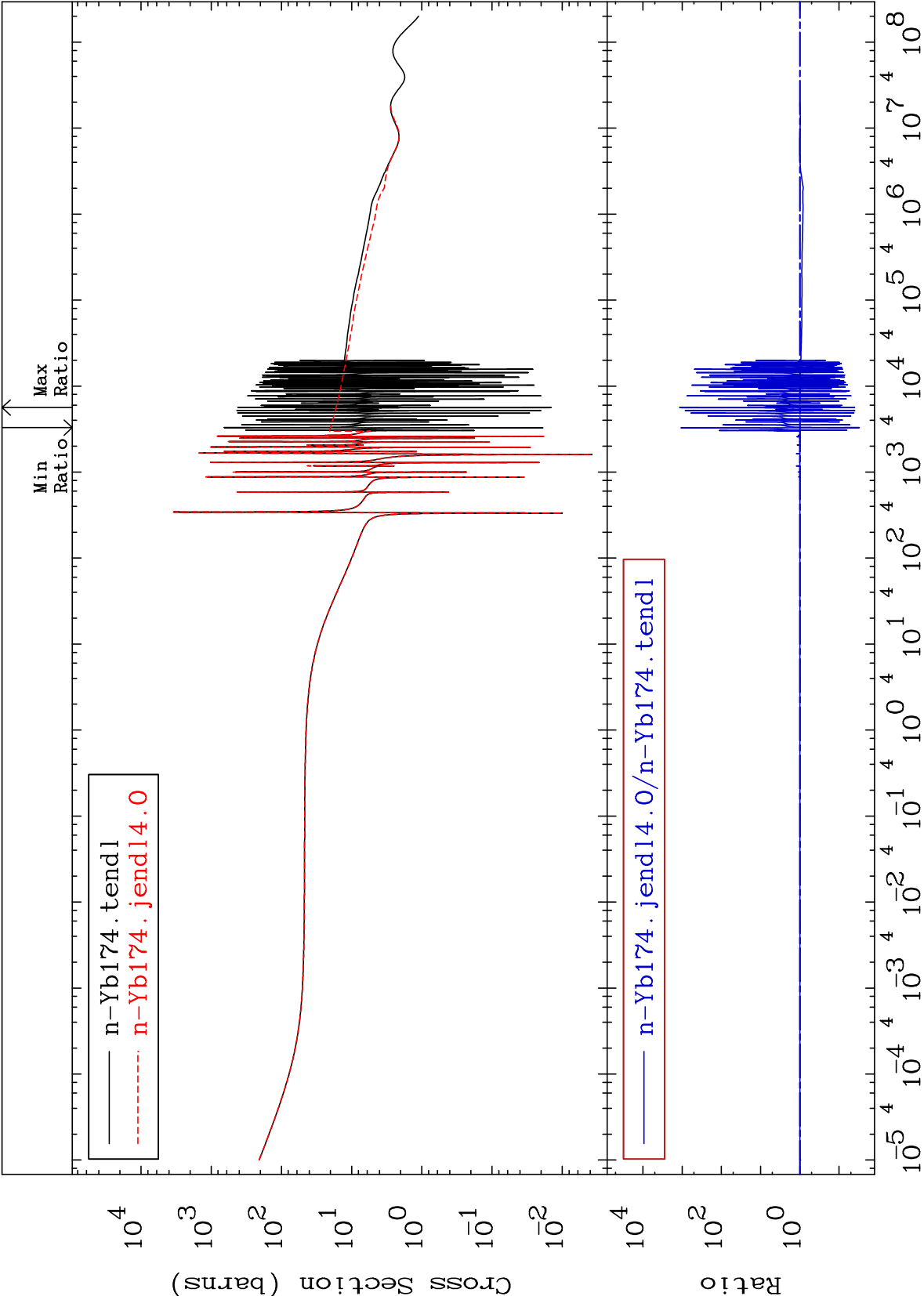
MAT 7043

Elastic

Cross Section

⁷⁰Yb-174

-96.95 To 9999. %



2

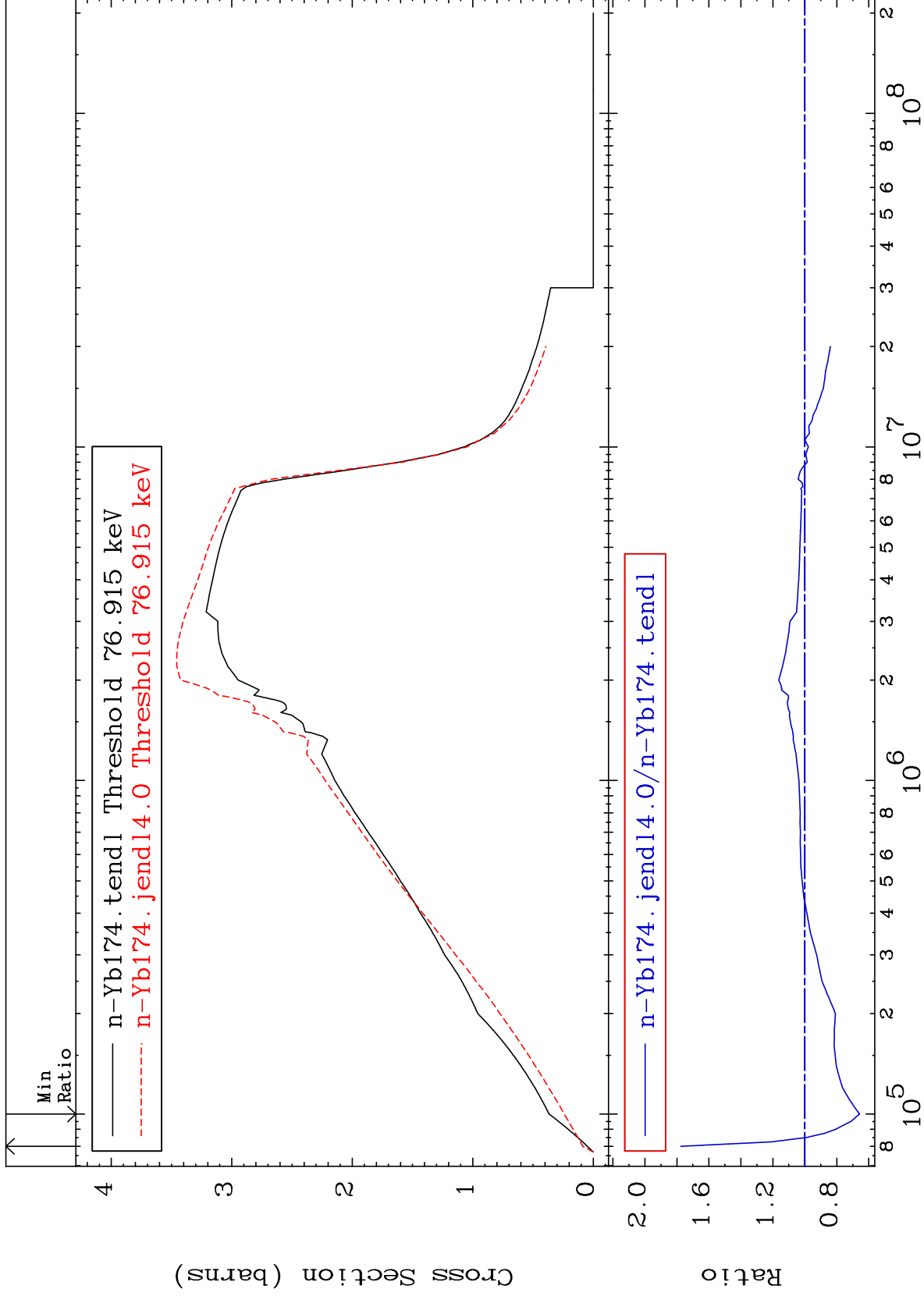
Incident Energy (eV)

⁷⁰Yb-174

MAT 7043

Inelastic
Cross Section

⁷⁰Yb-174
-34.22 To 77.58 %



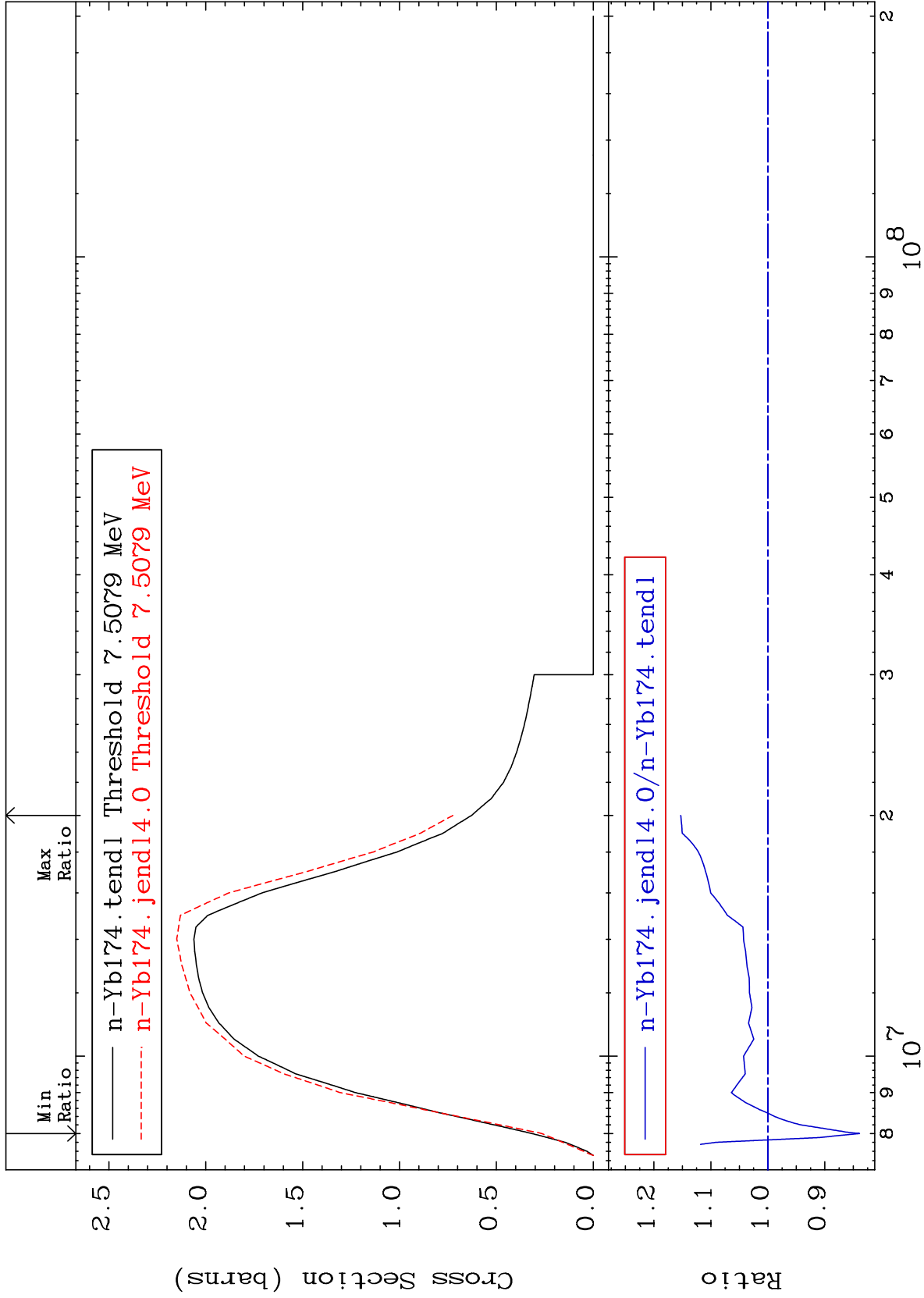
MAT 7043

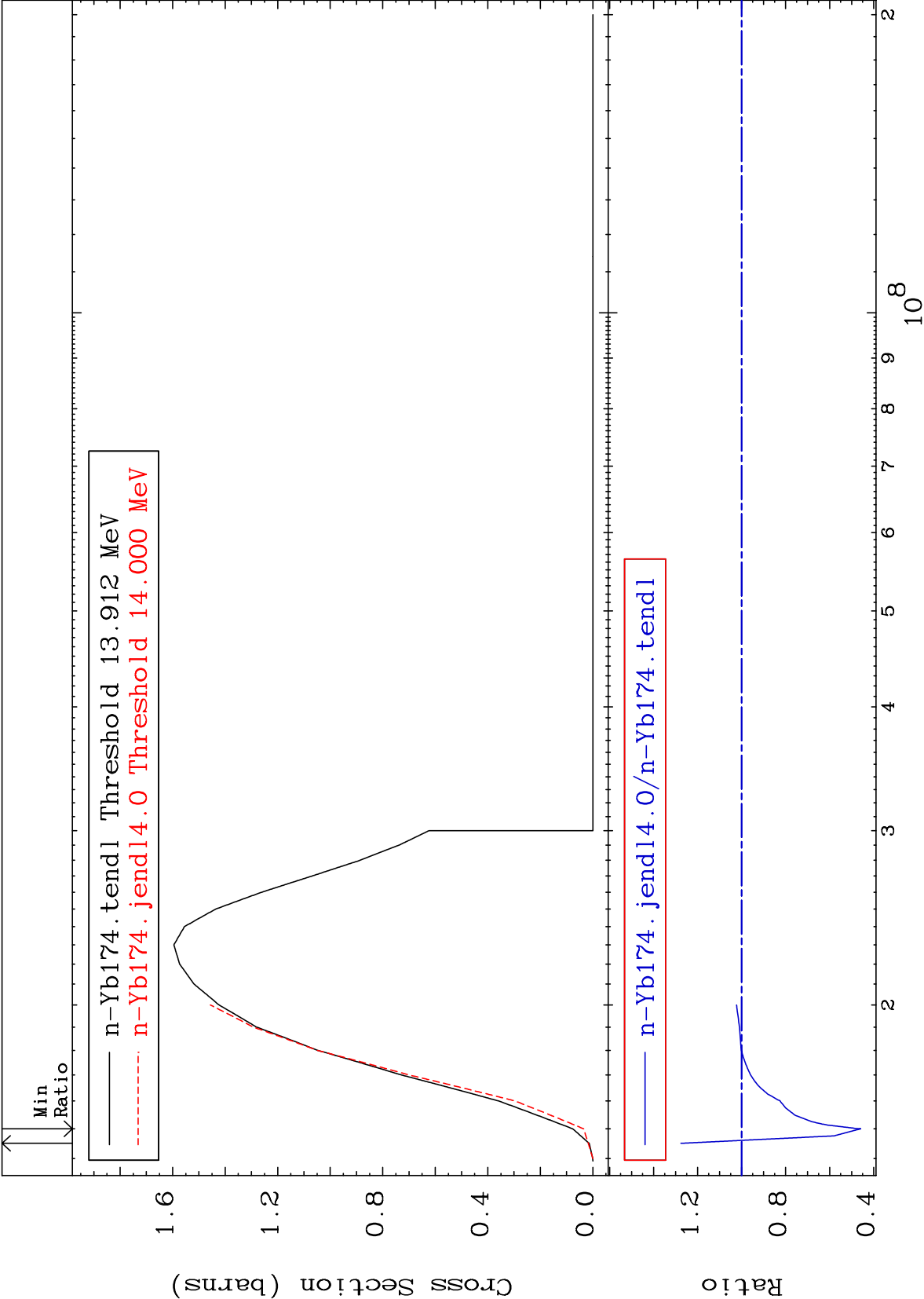
(n,2n)

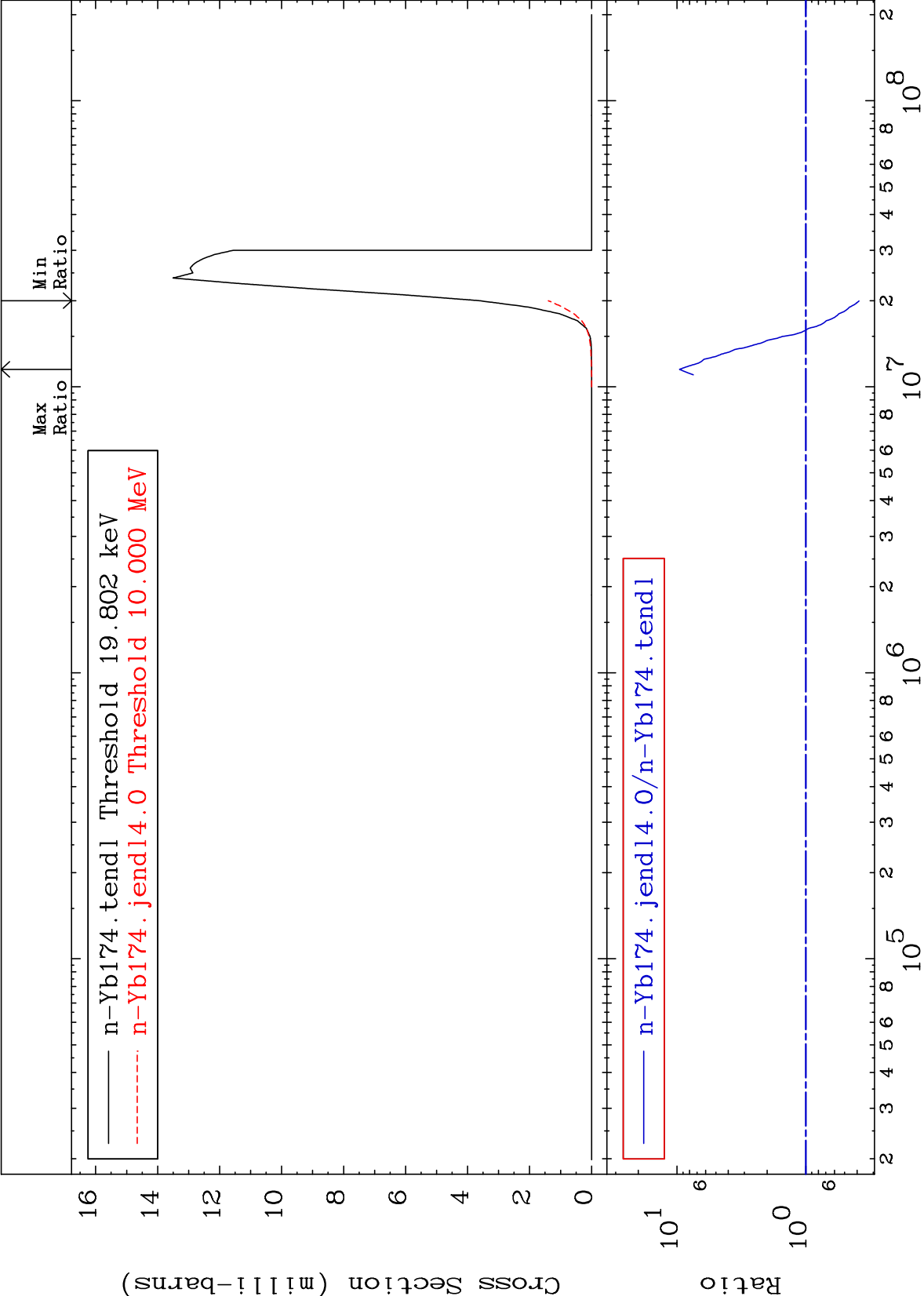
⁷⁰Yb-174

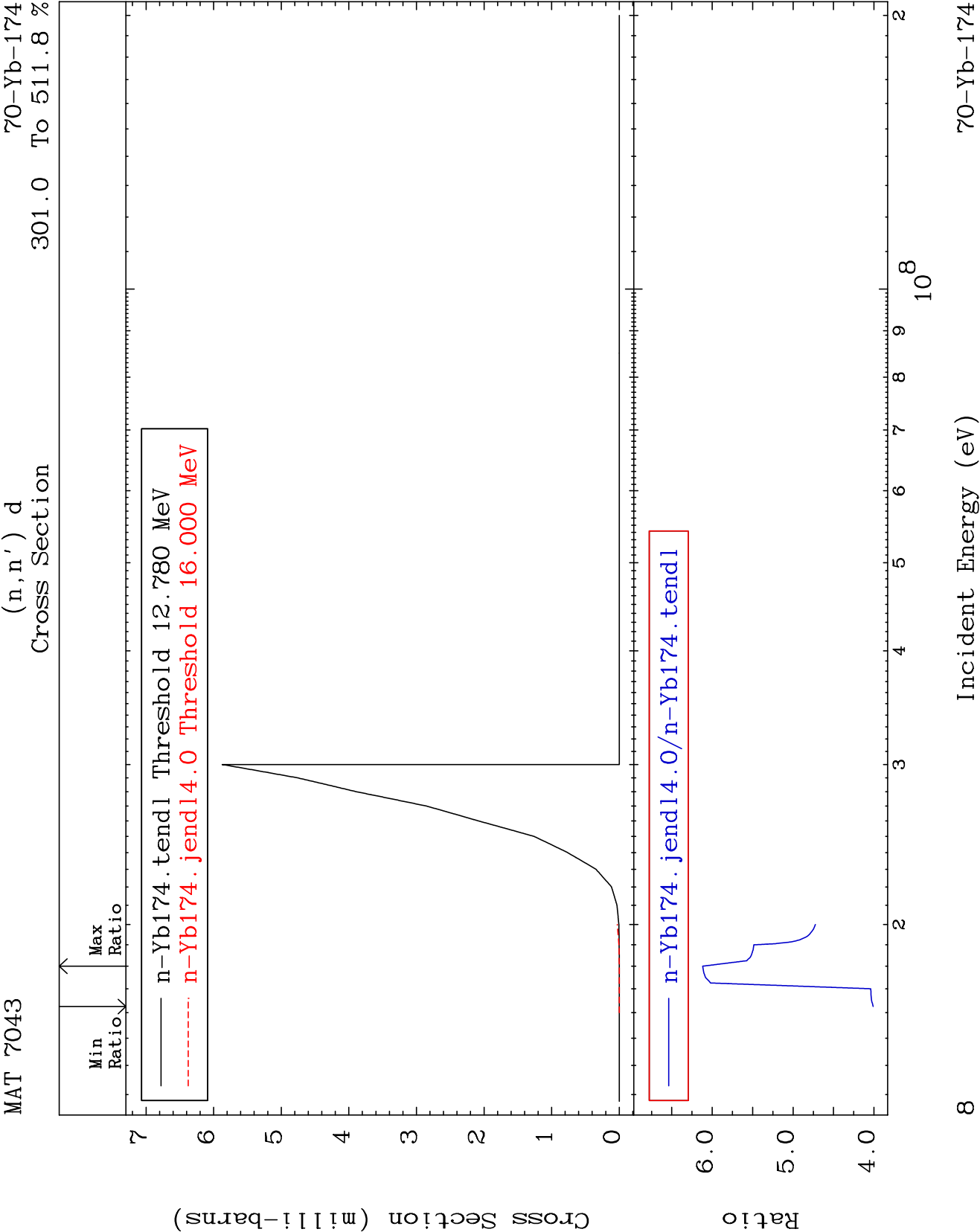
Cross Section

-16.09 To 15.28 %





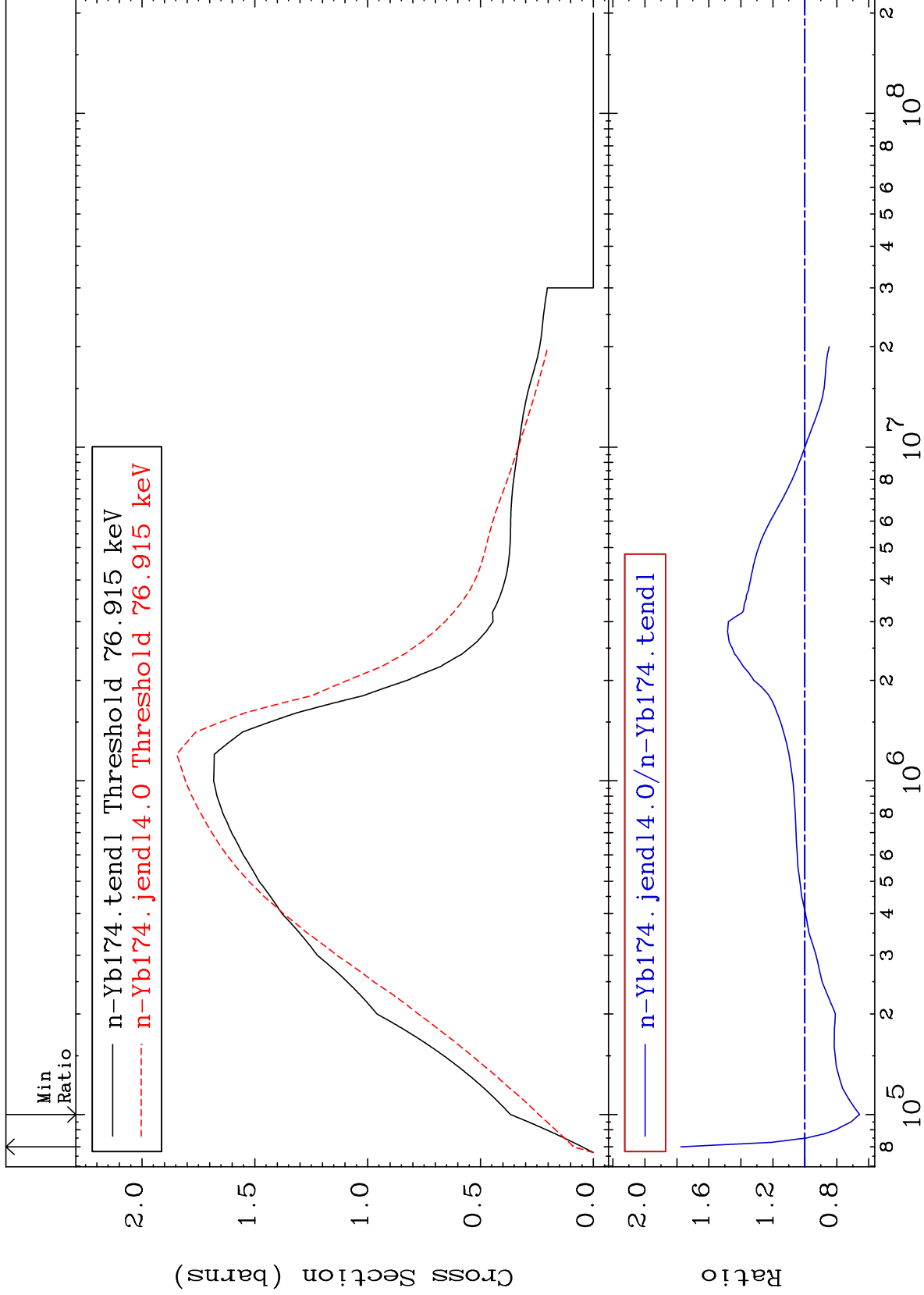


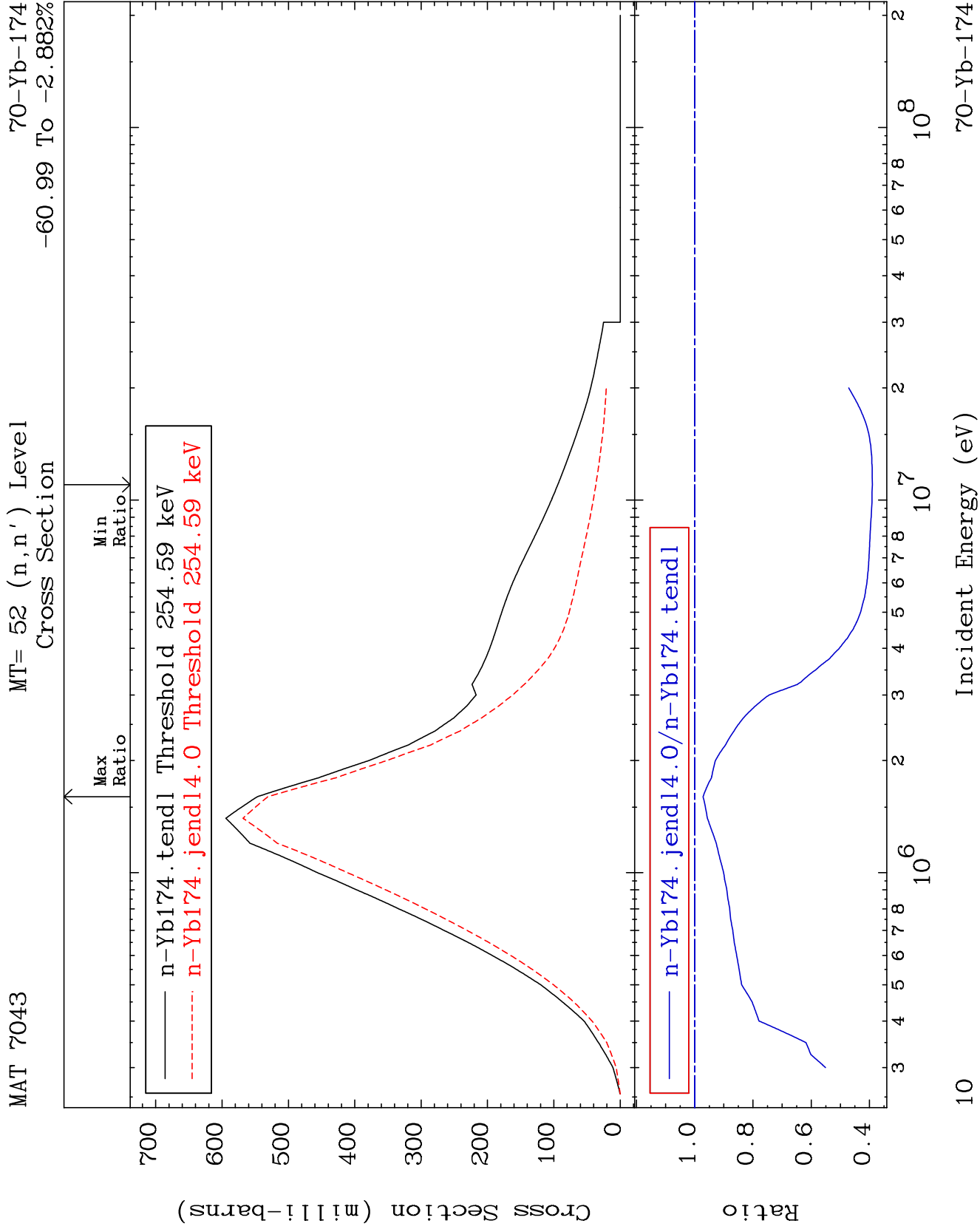


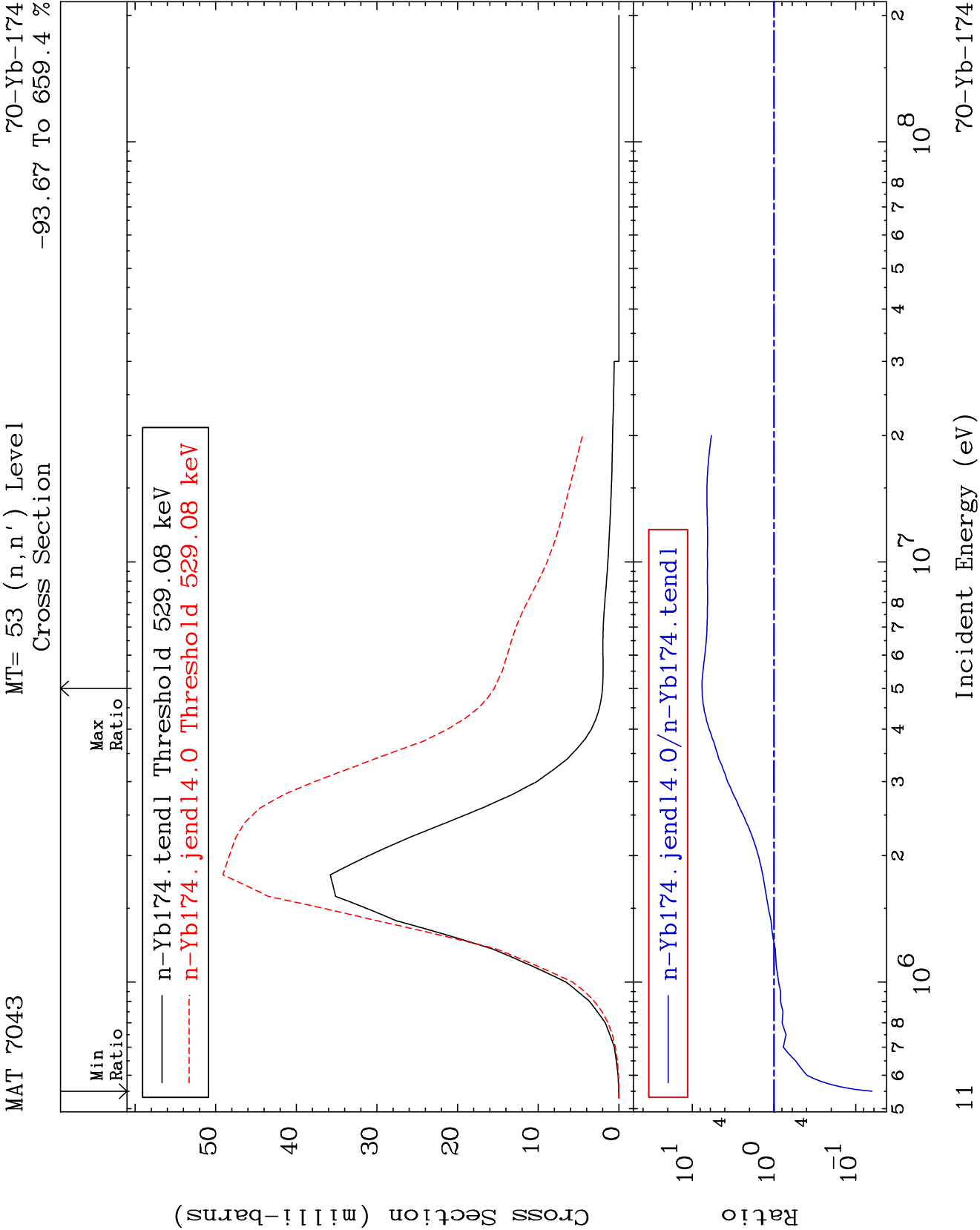
MAT 7043

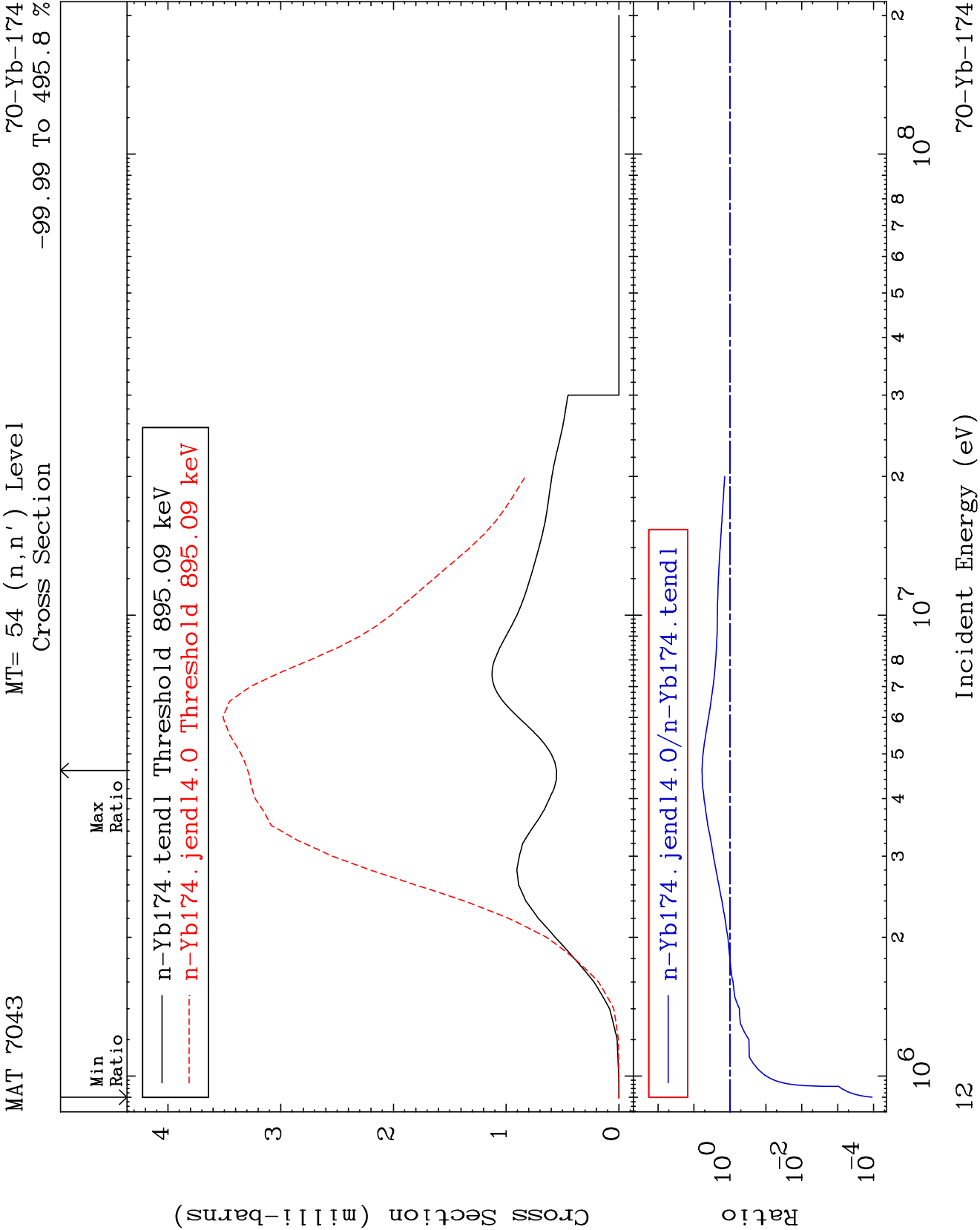
MT= 51 (n,n') Level
Cross Section

⁷⁰Yb-174
-34.22 To 77.58 %





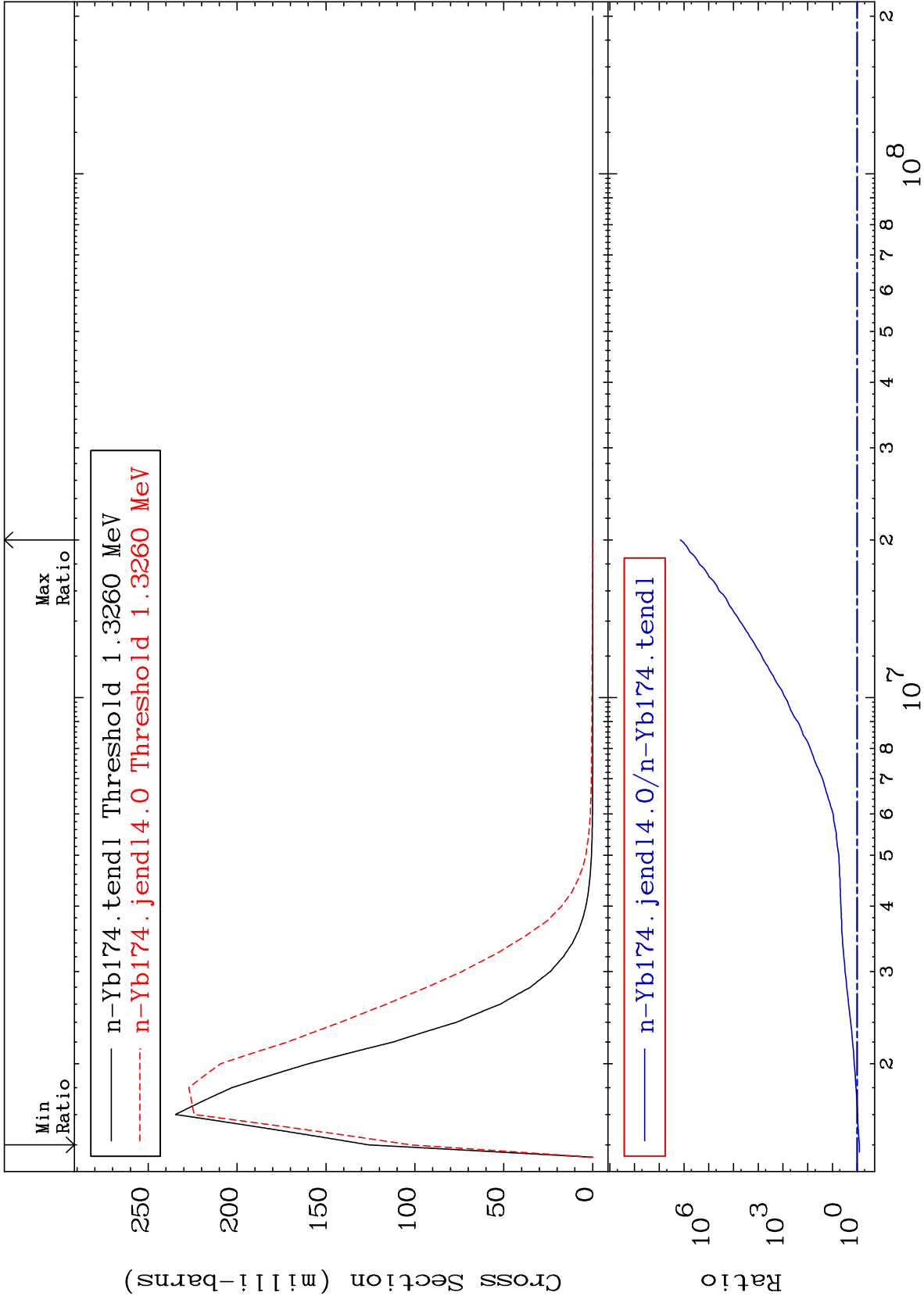




MAT 7043

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

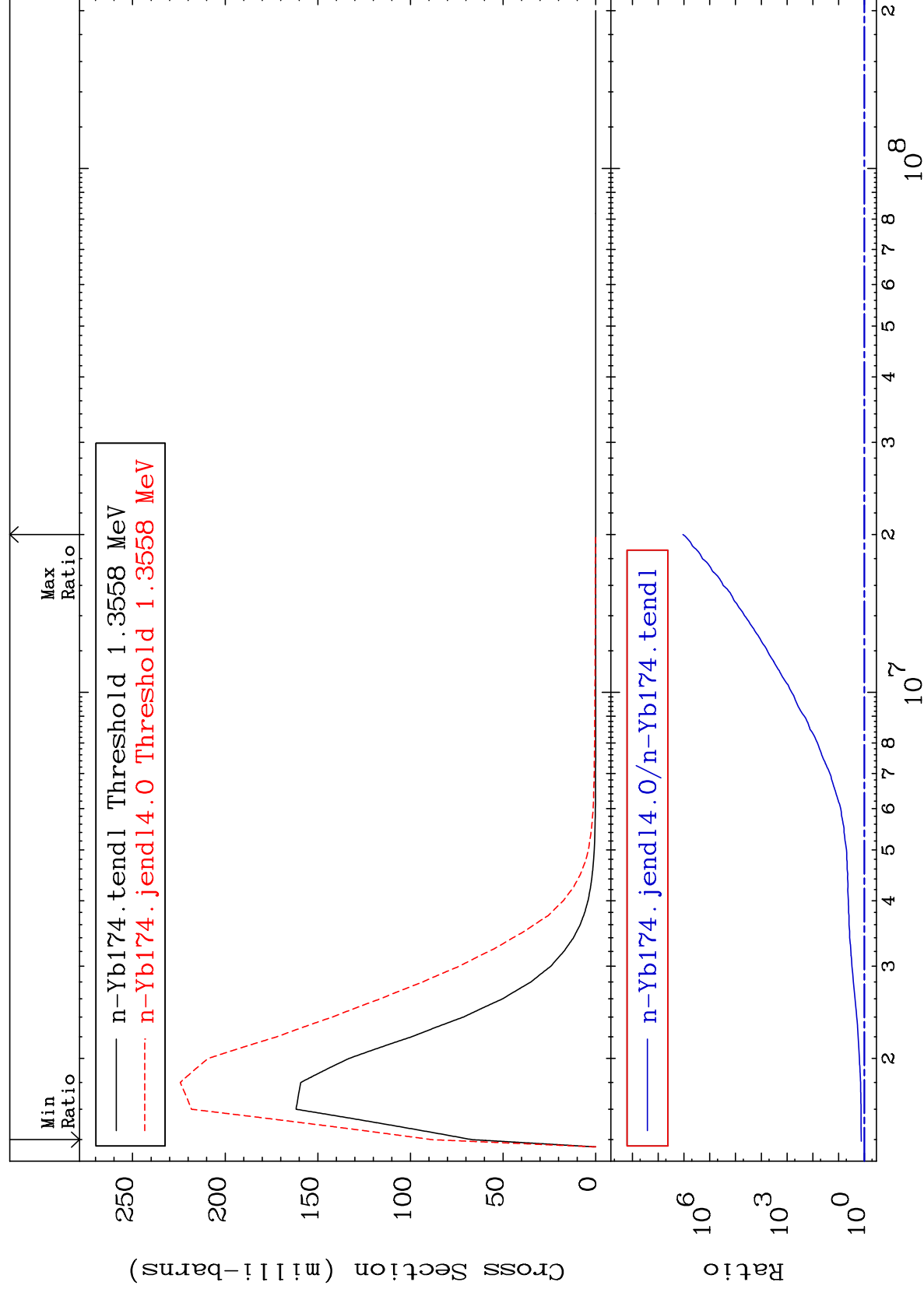
70-Yb-174
-18.82 To 9999. %

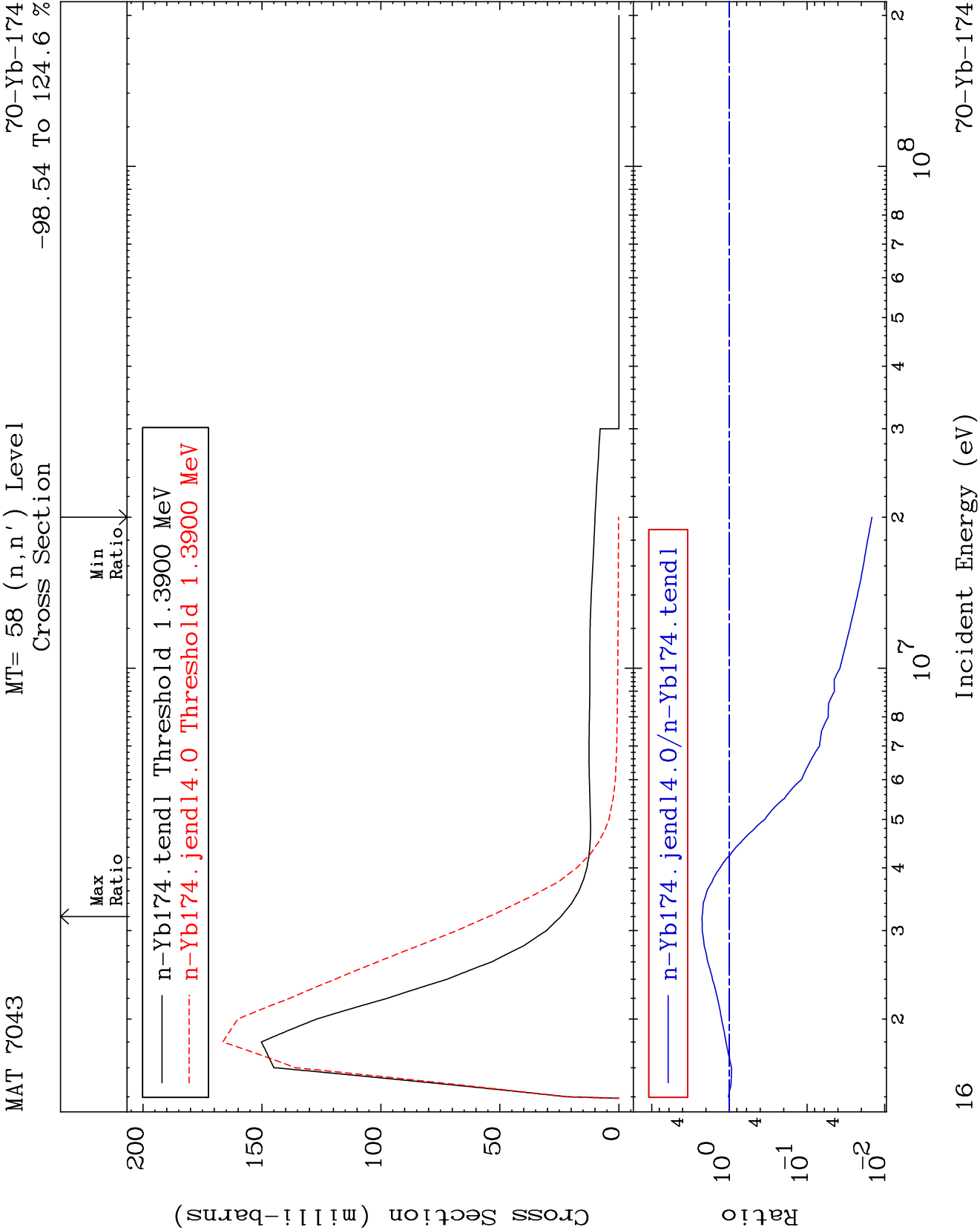


MAT 7043

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

70-Yb-174
32.24 To 9999. %

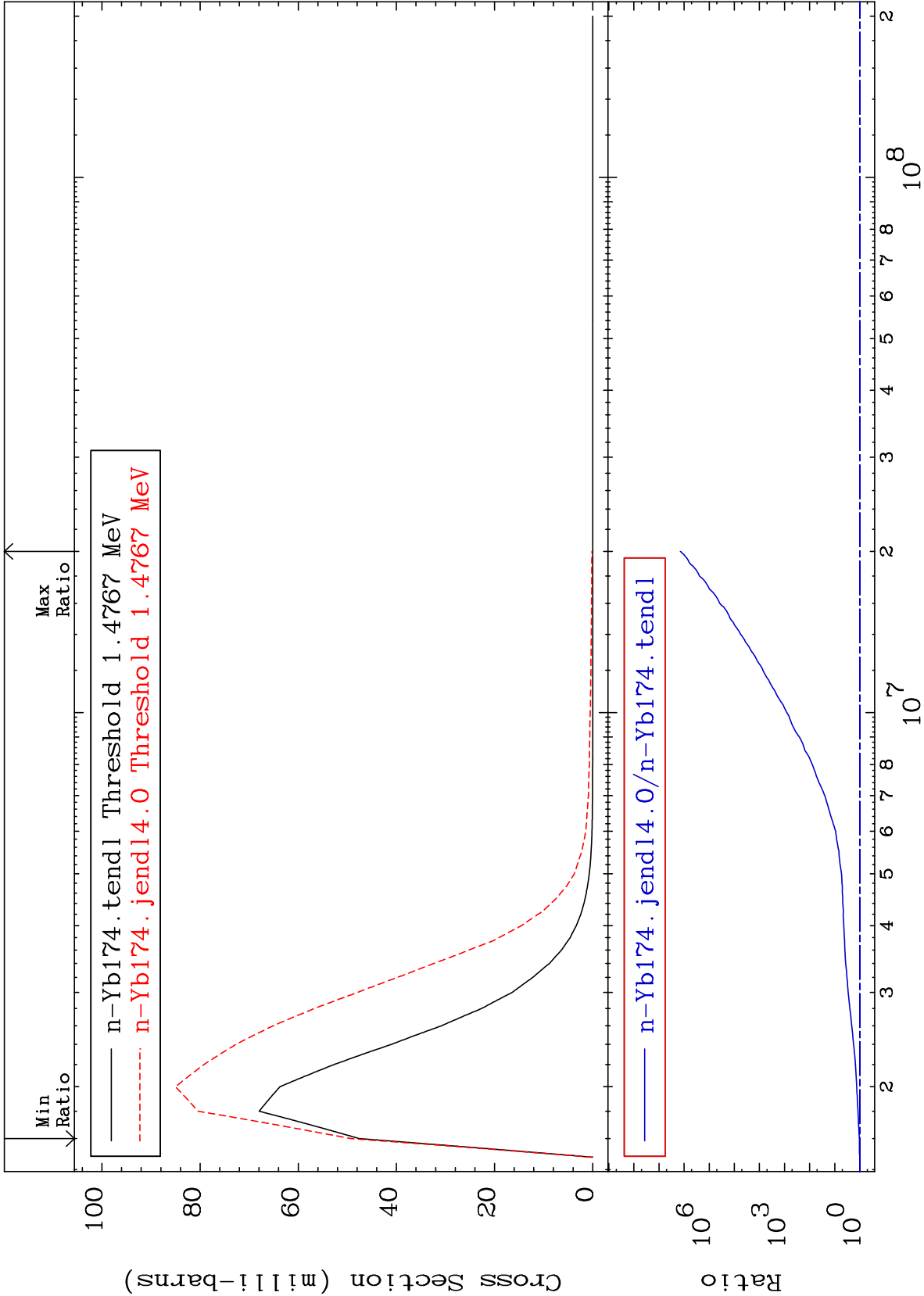




MAT 7043

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

70-Yb-174
3.657 To 9999. %



17

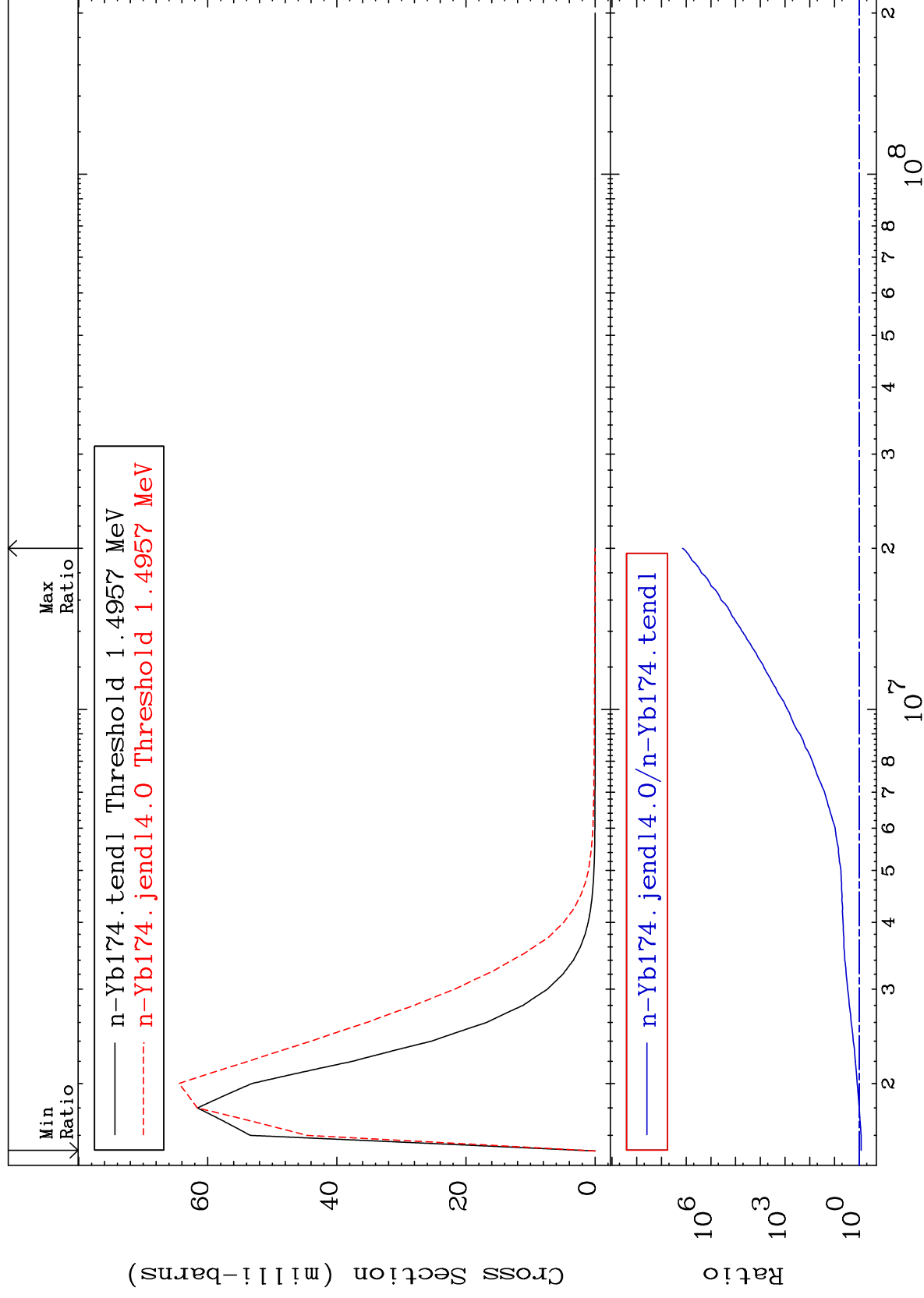
Incident Energy (eV)

70-Yb-174

MAT 7043

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

70-Yb-174
-16.41 To 9999. %



18

Incident Energy (eV)

70-Yb-174

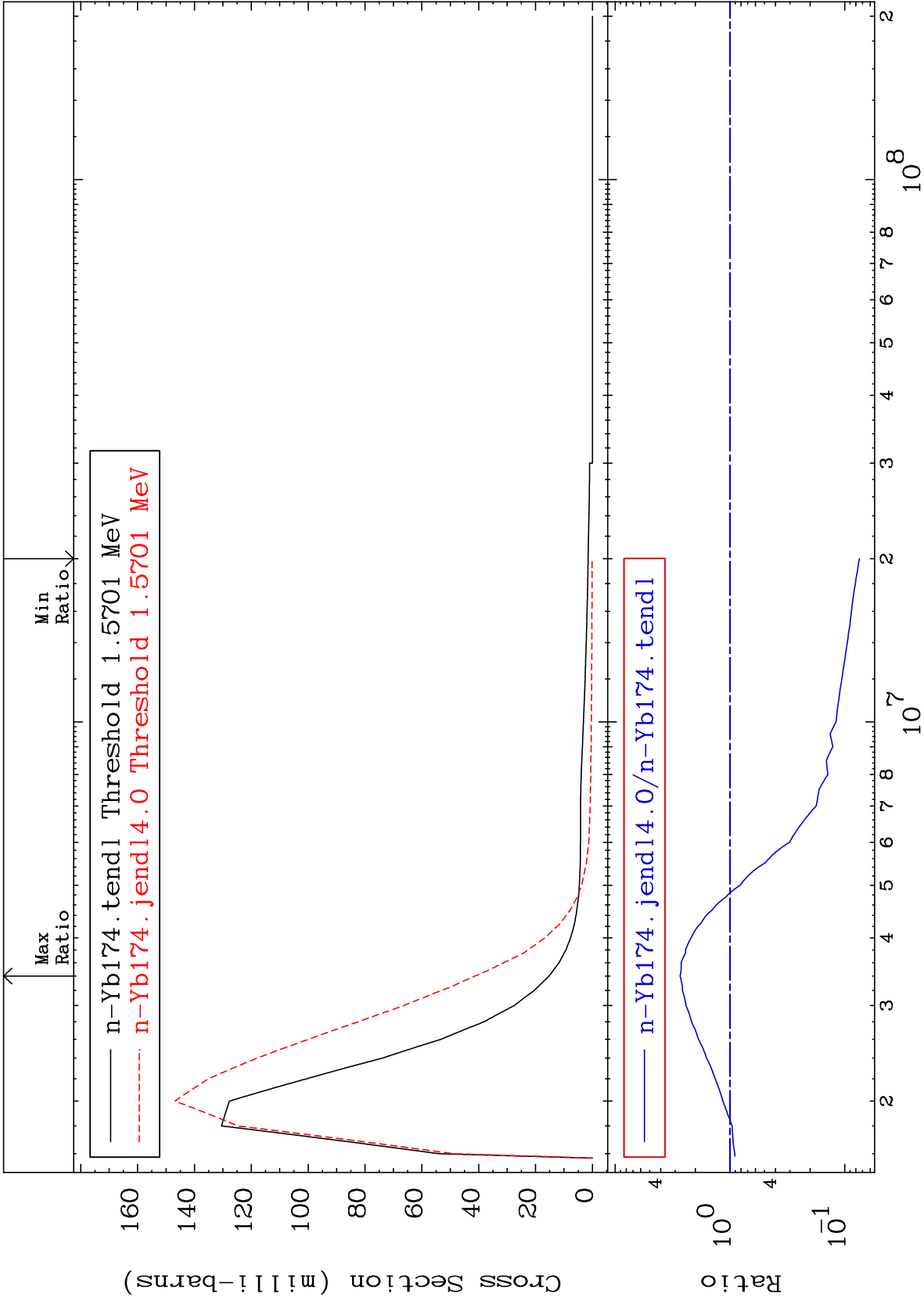
MAT 7043

MT= 62 (n,n') Level

⁷⁰Yb-¹⁷⁴

-92.55 To 171.2 %

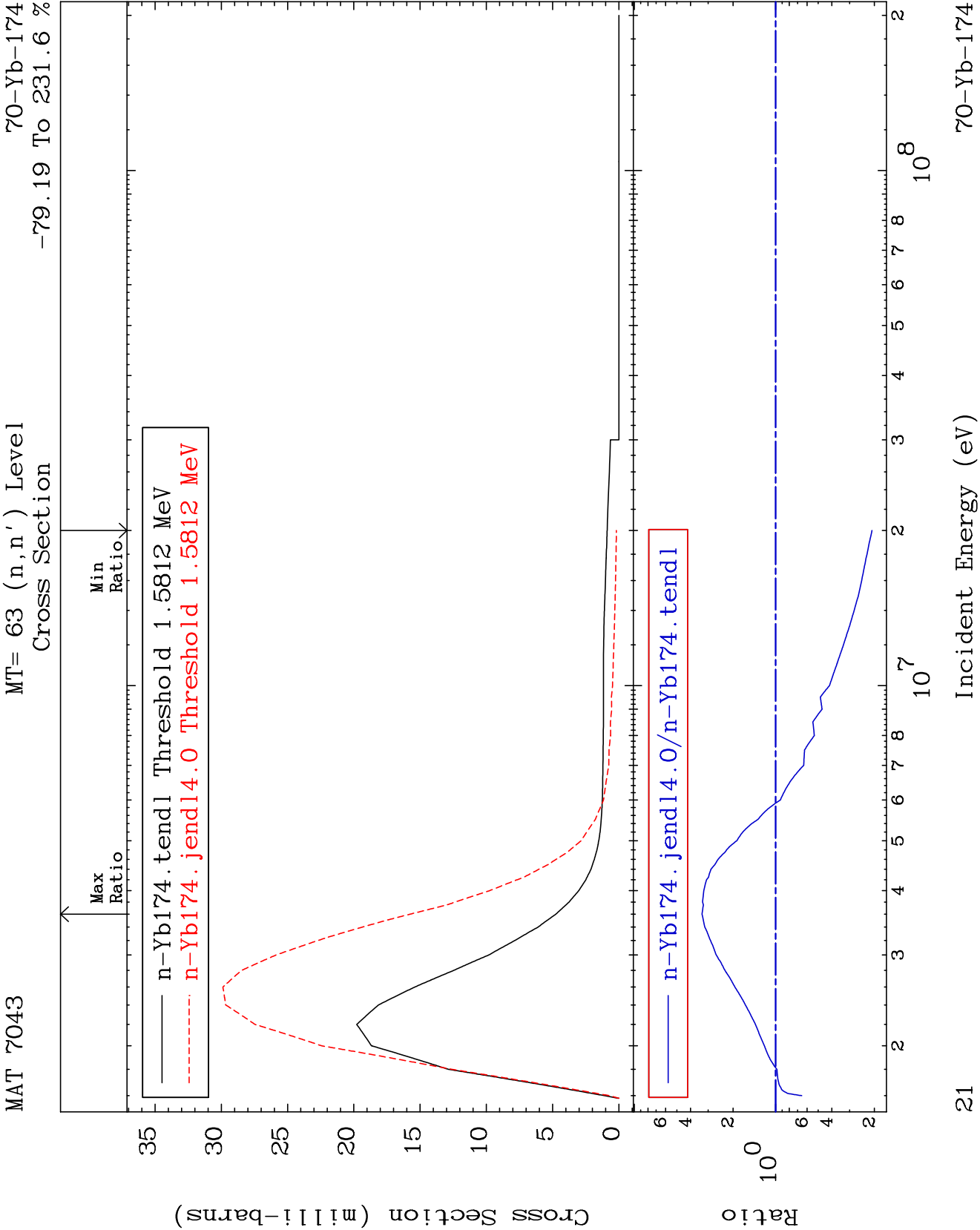
Cross Section

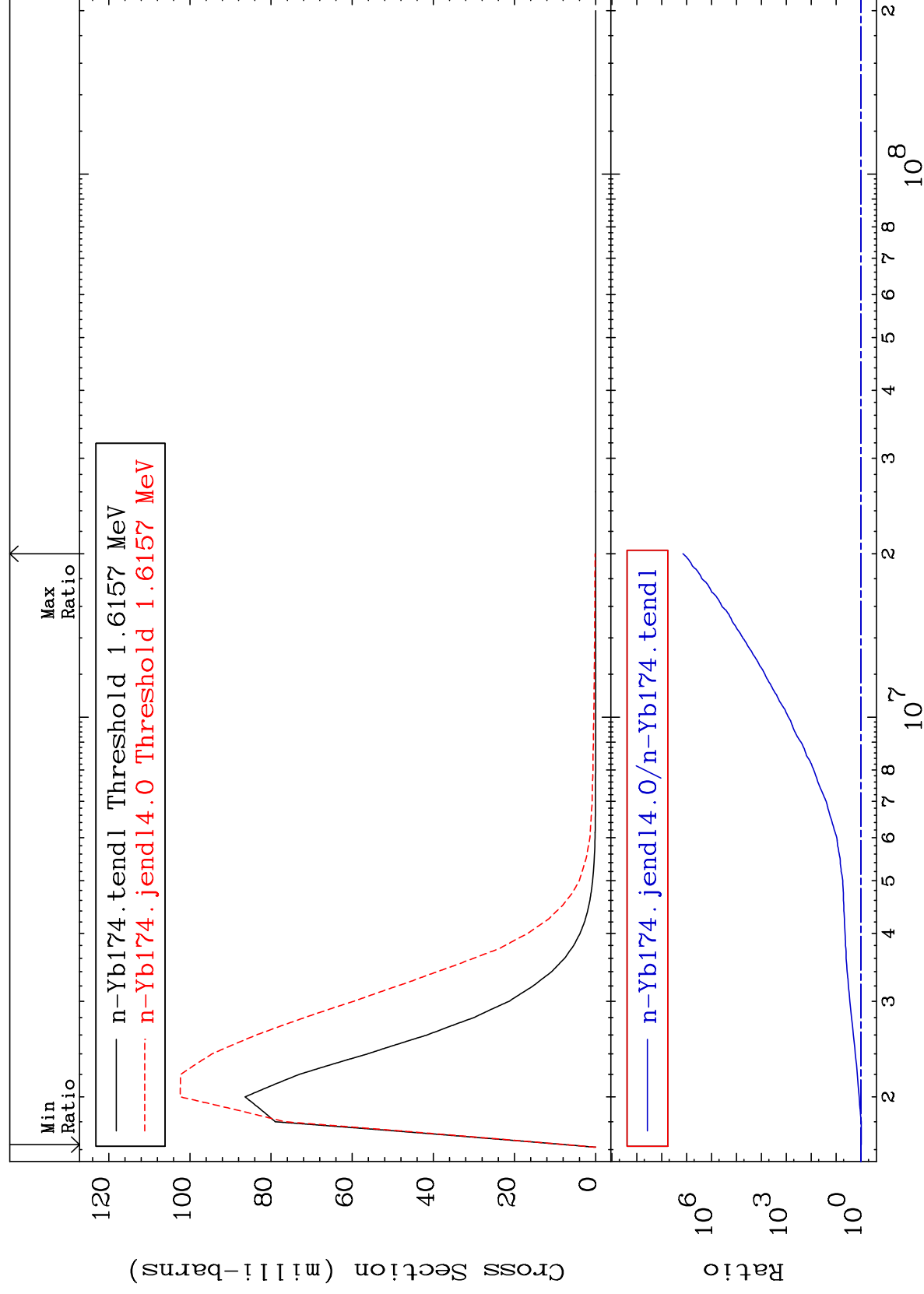


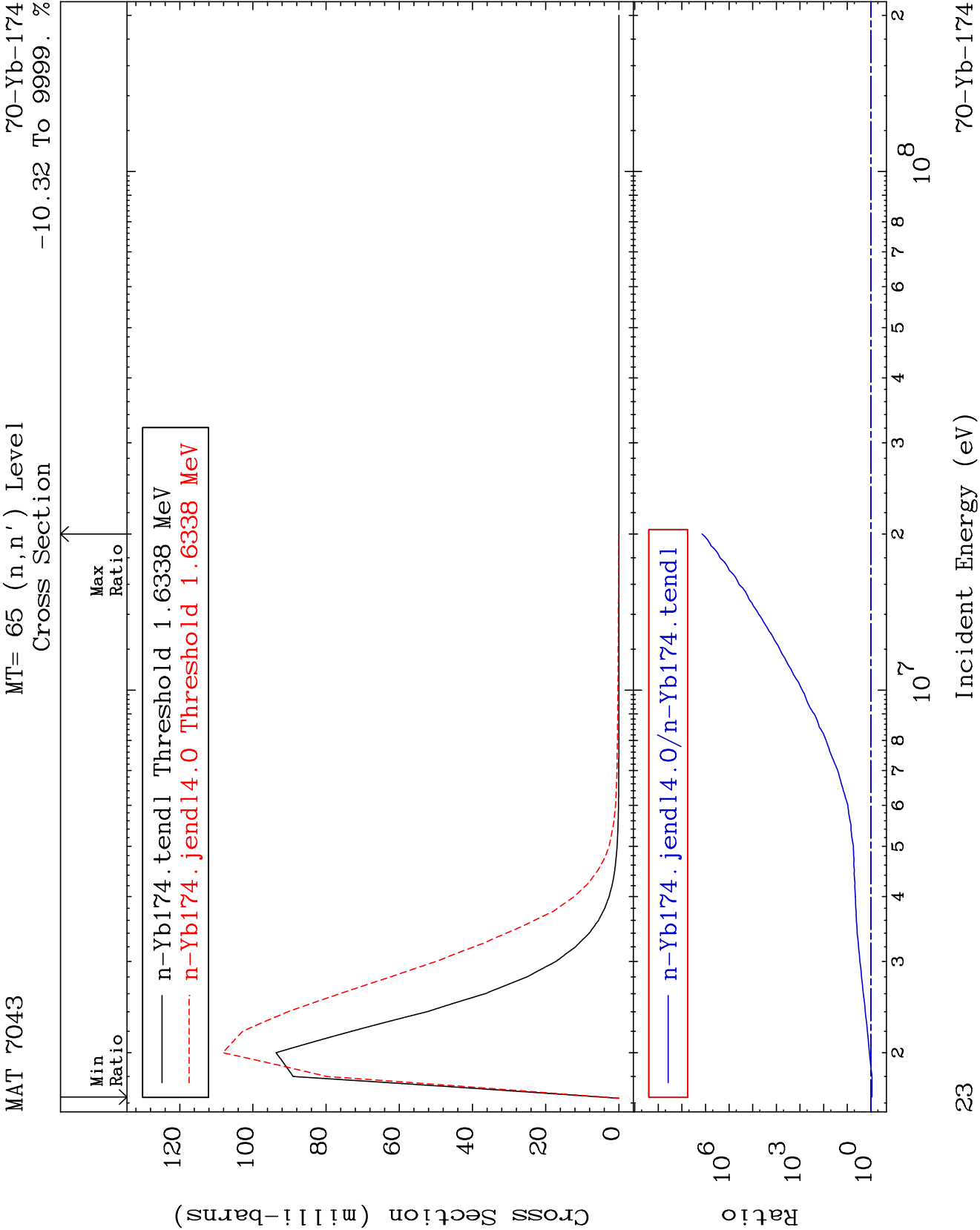
20

Incident Energy (eV)

⁷⁰Yb-¹⁷⁴







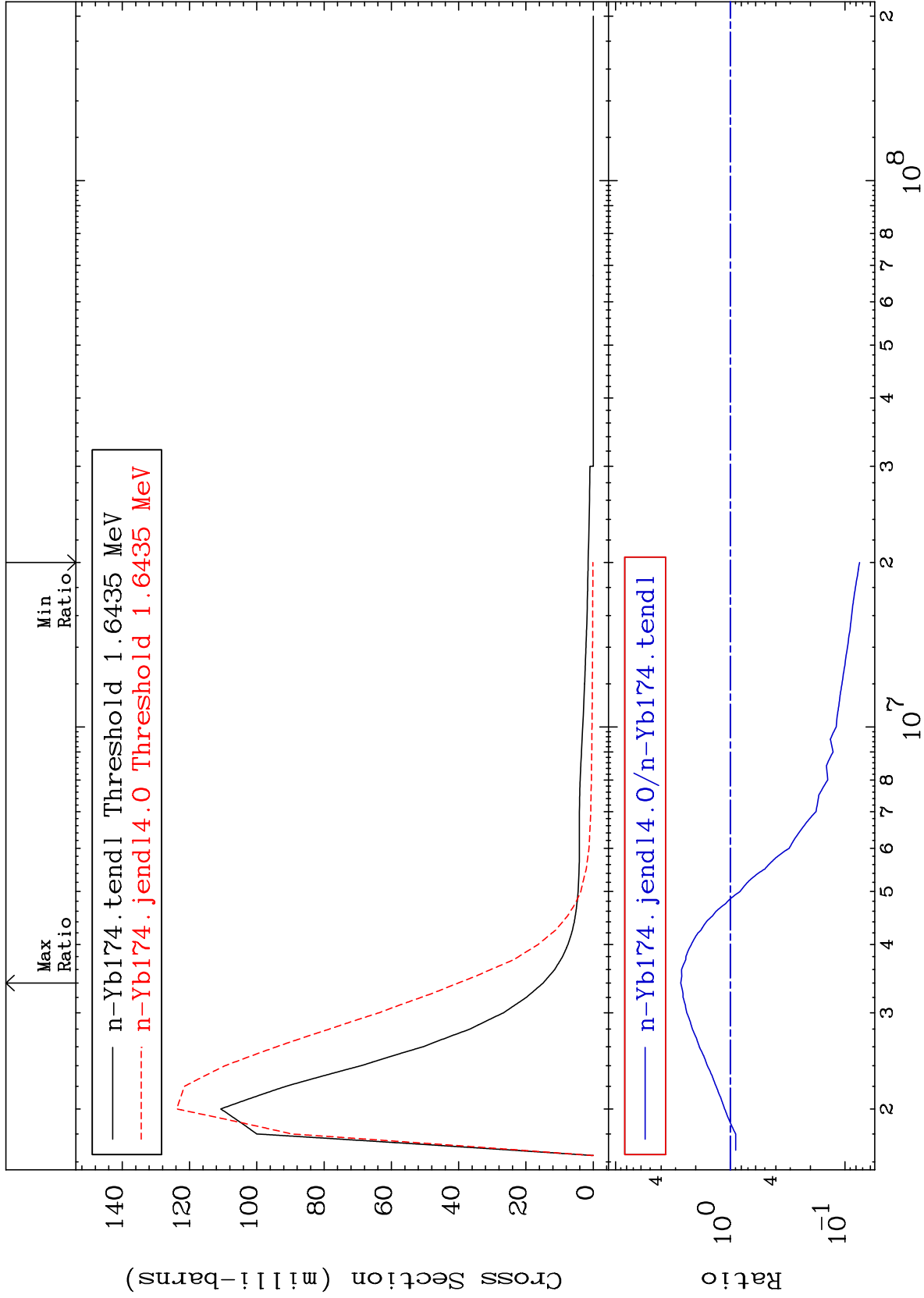
MAT 7043

MT= 66 (n,n') Level

⁷⁰Yb-¹⁷⁴

-92.54 To 170.0 %

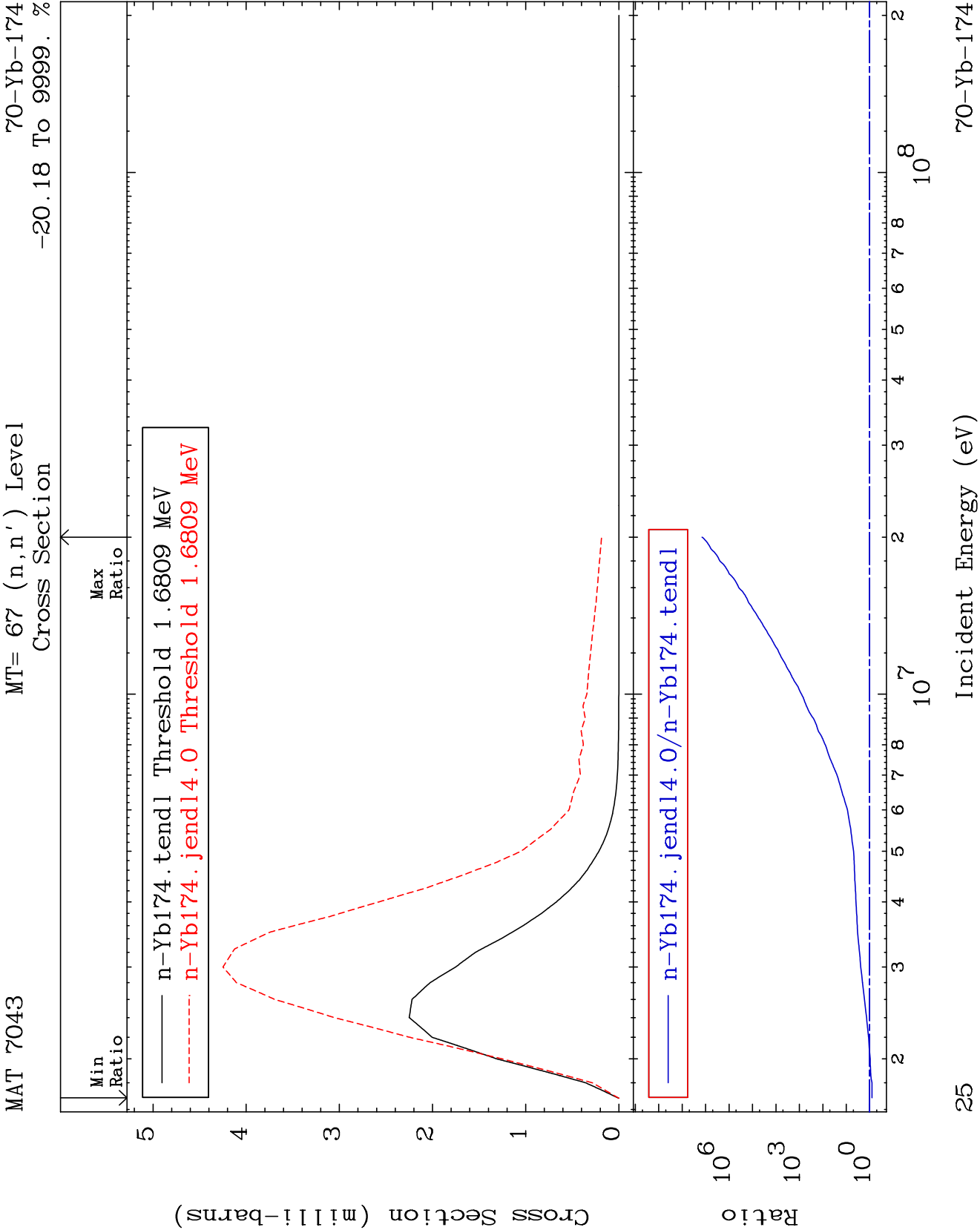
Cross Section



24

Incident Energy (eV)

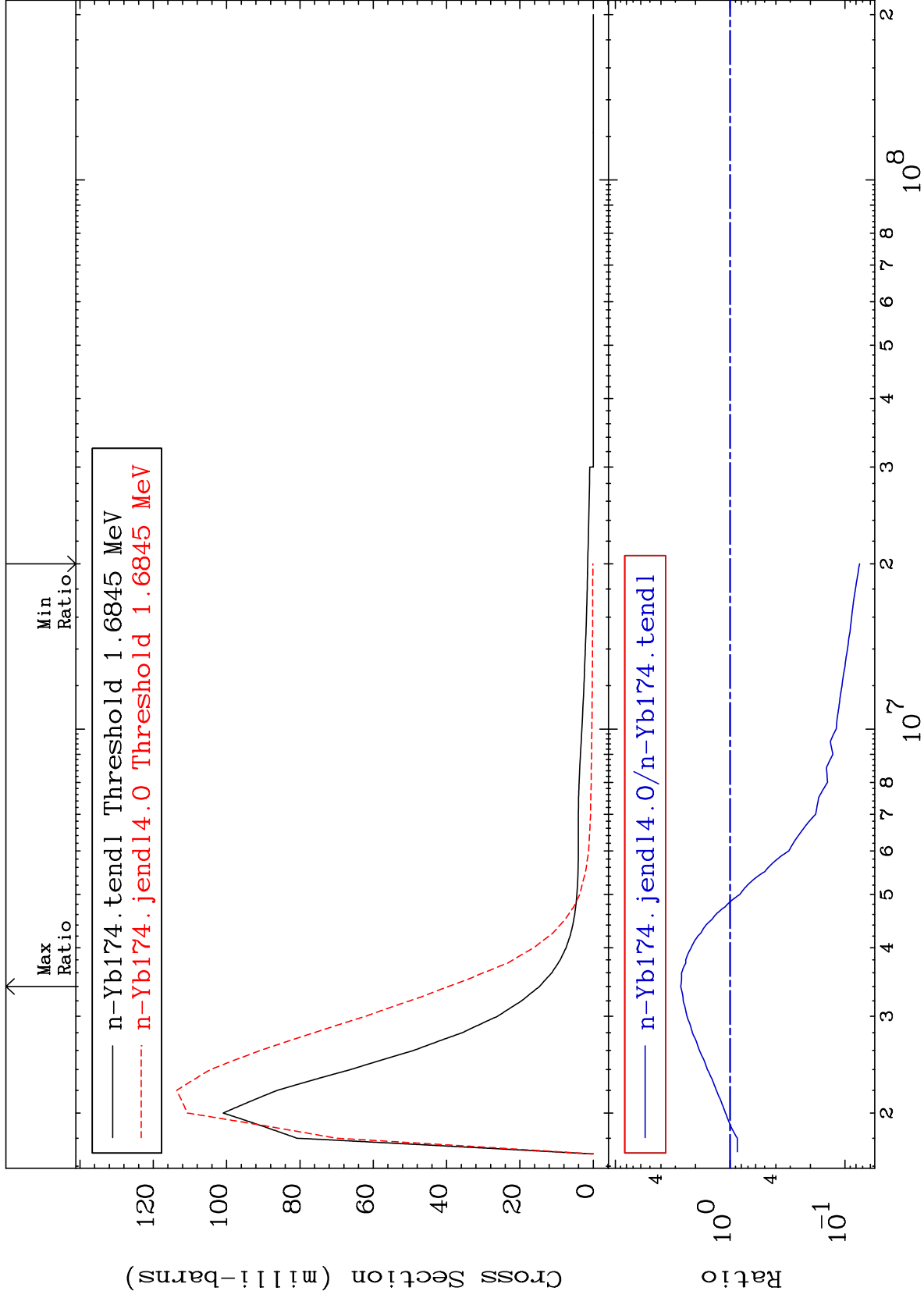
⁷⁰Yb-¹⁷⁴



MAT 7043

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

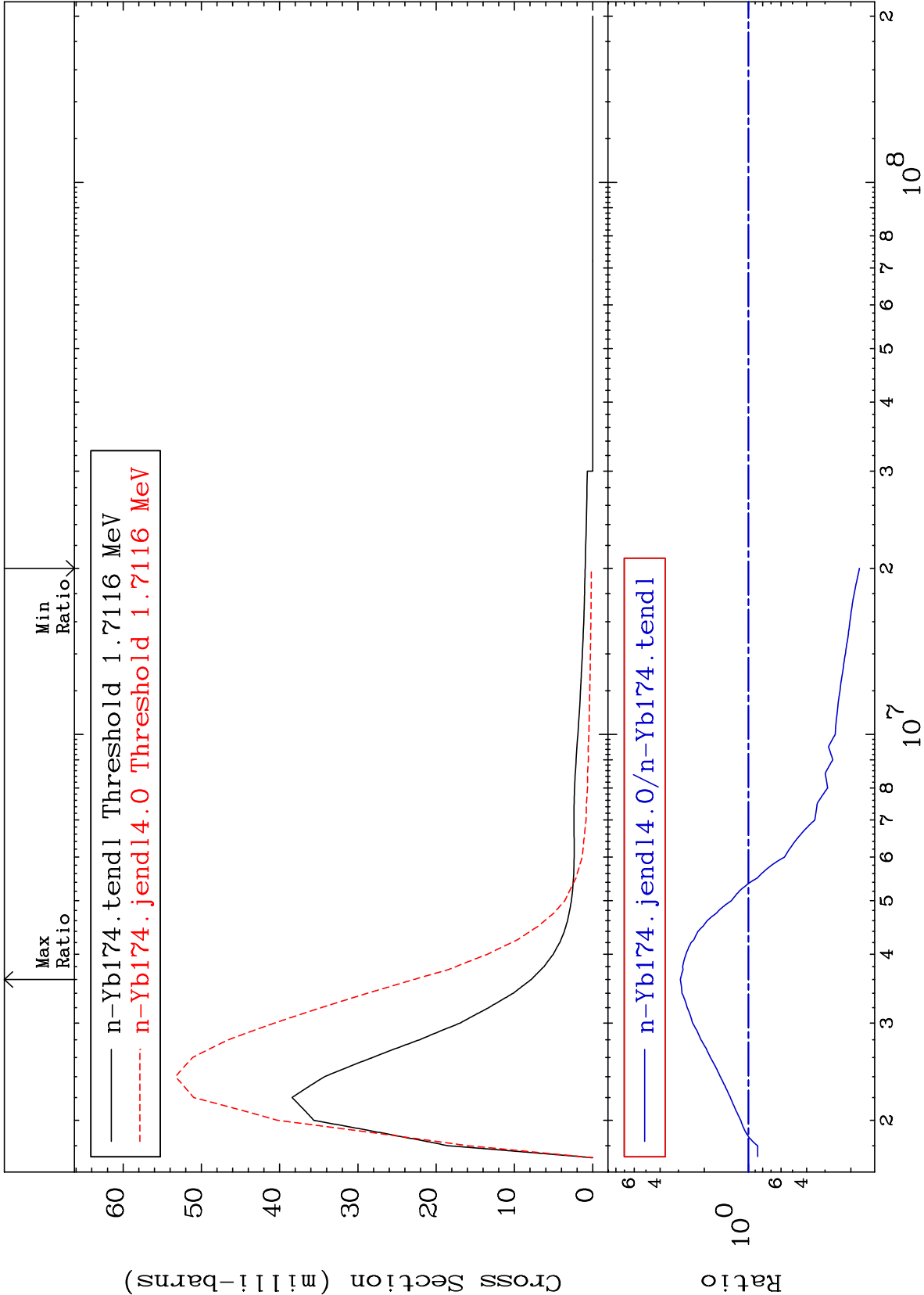
⁷⁰Yb-174
-92.53 To 169.2 %



MAT 7043

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

⁷⁰Yb-174
-82.51 To 191.0 %



27

Incident Energy (eV)

⁷⁰Yb-174

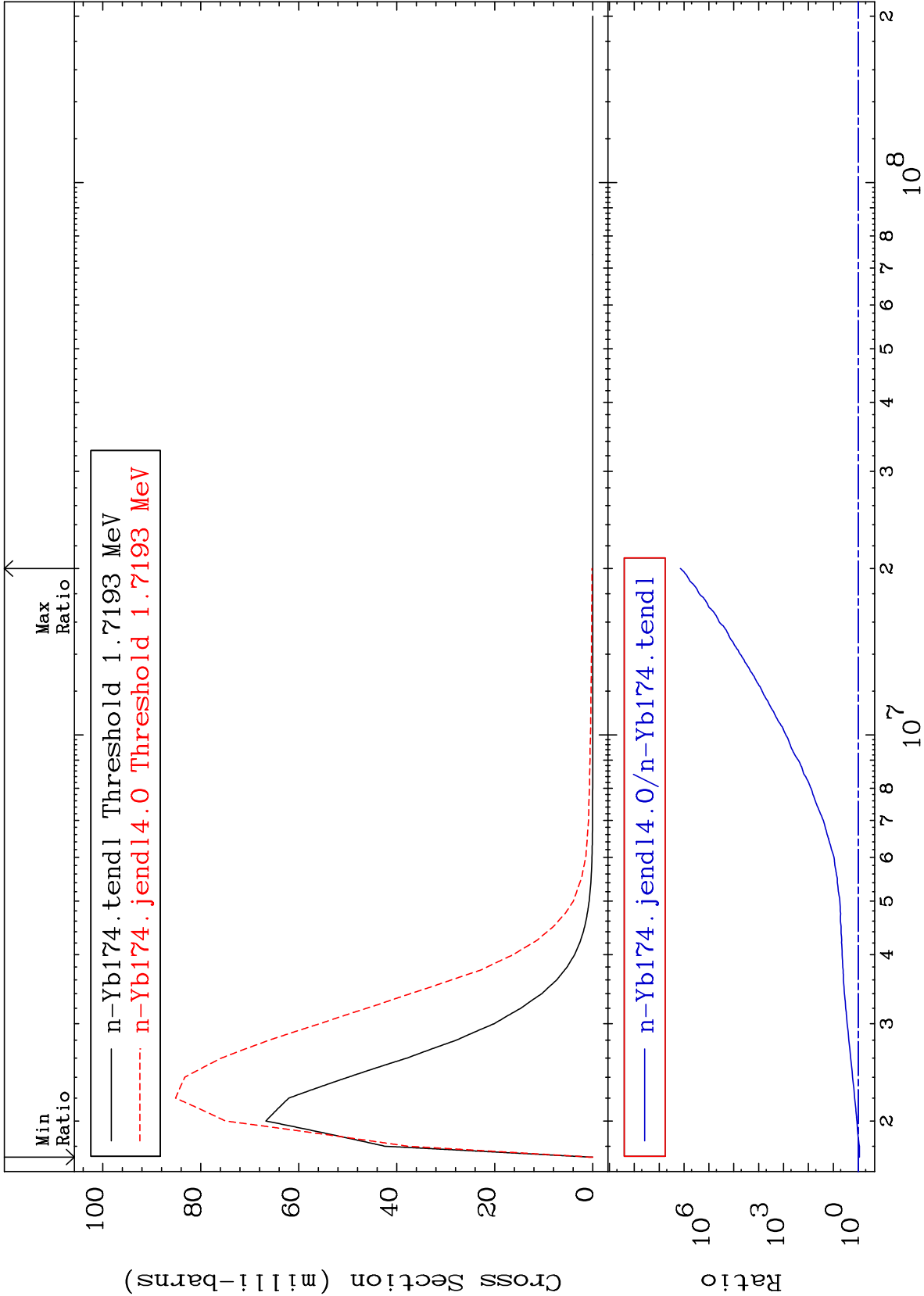
MAT 7043

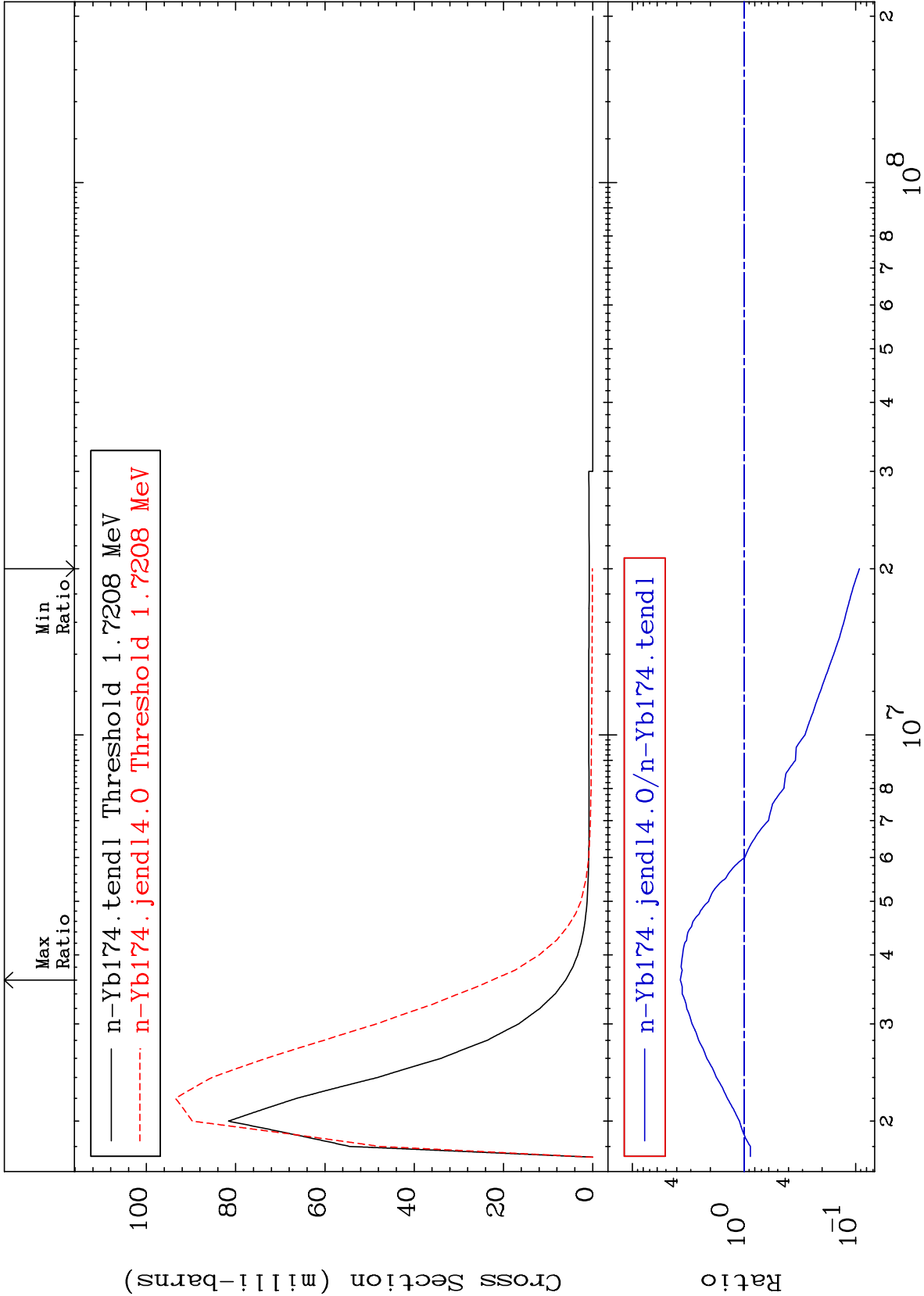
MT= 70 (n,n') Level

70-Yb-174

-11.28 To 9999. %

Cross Section

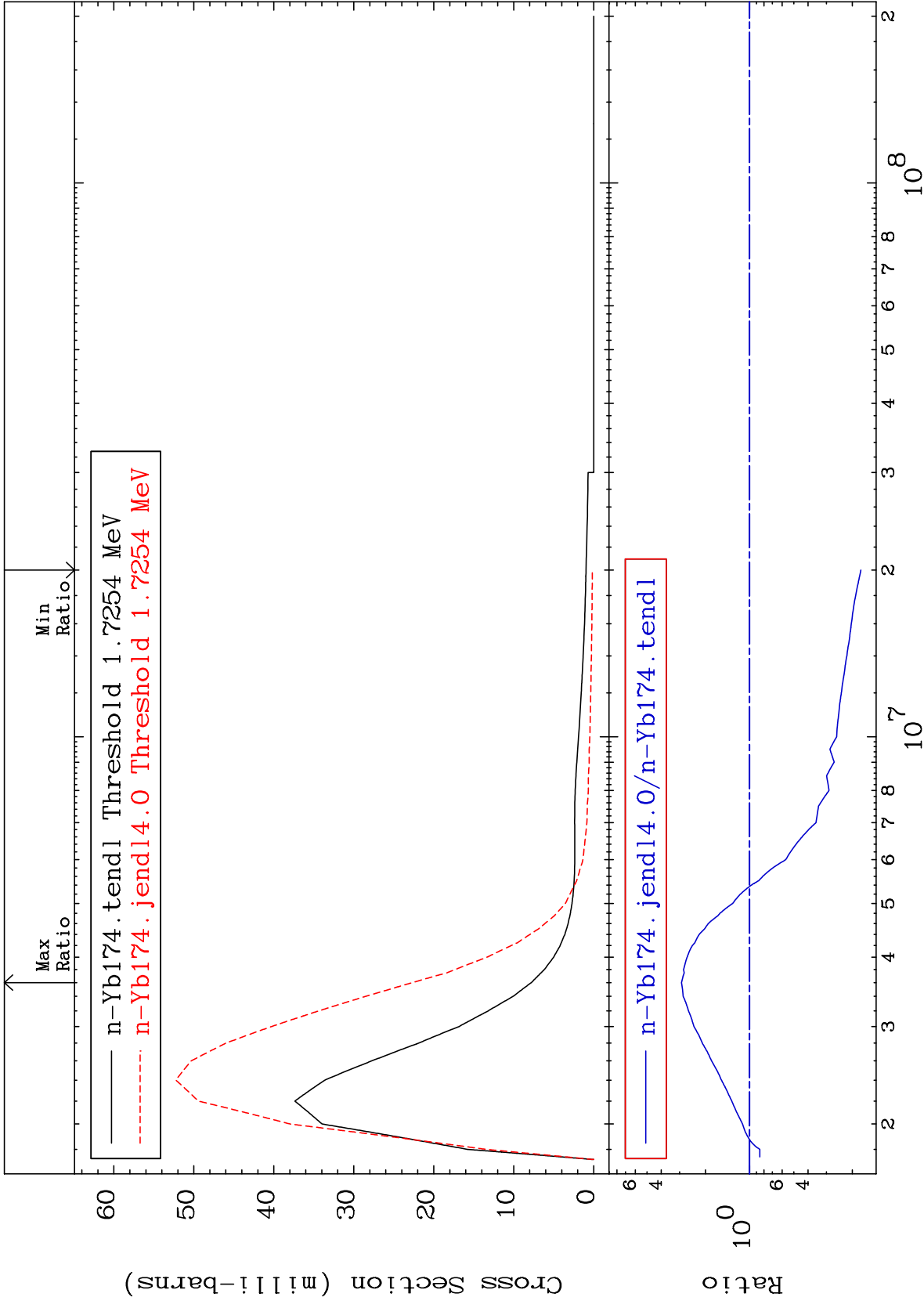


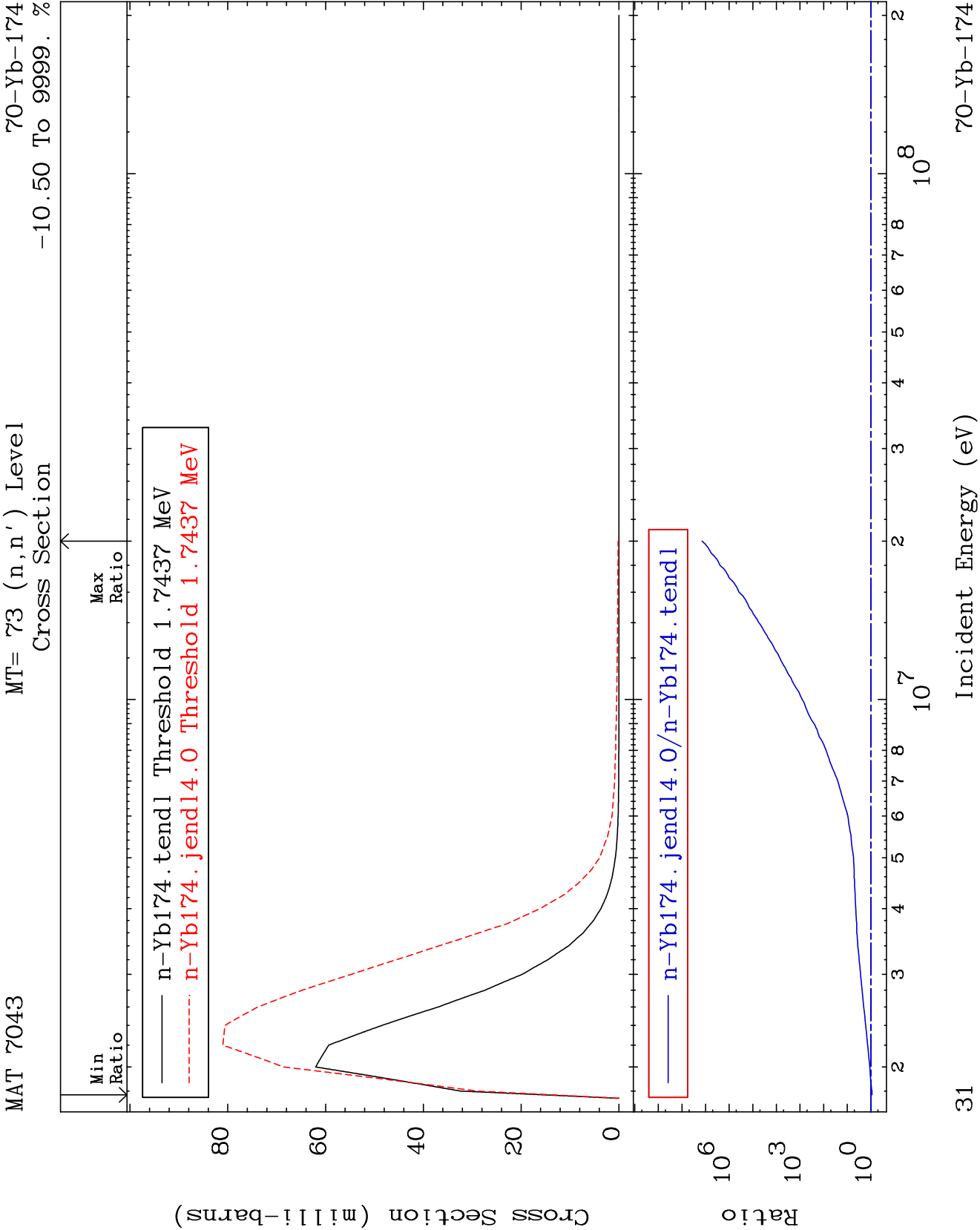


MAT 7043

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

70-Yb-174
-82.51 To 190.8 %

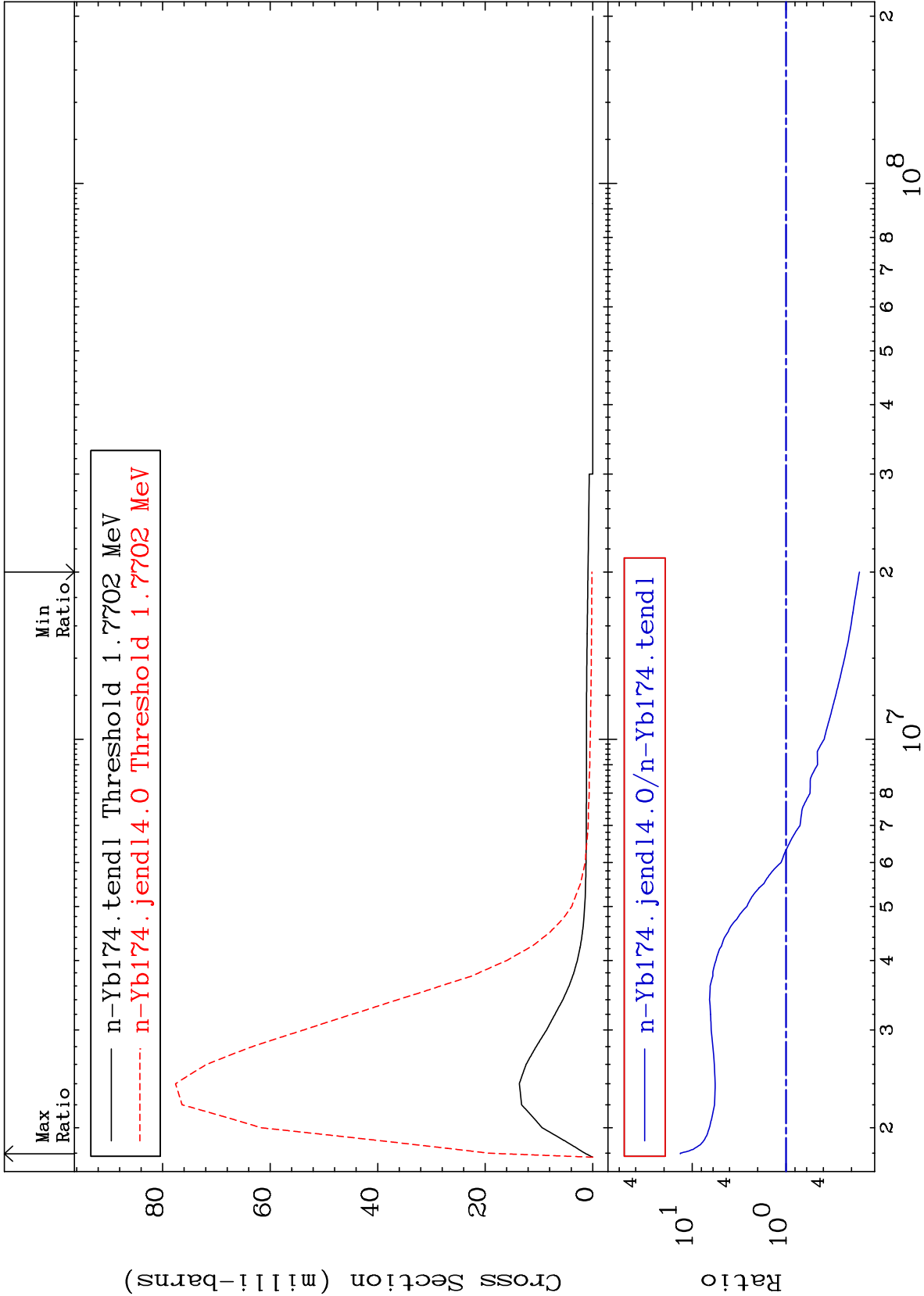


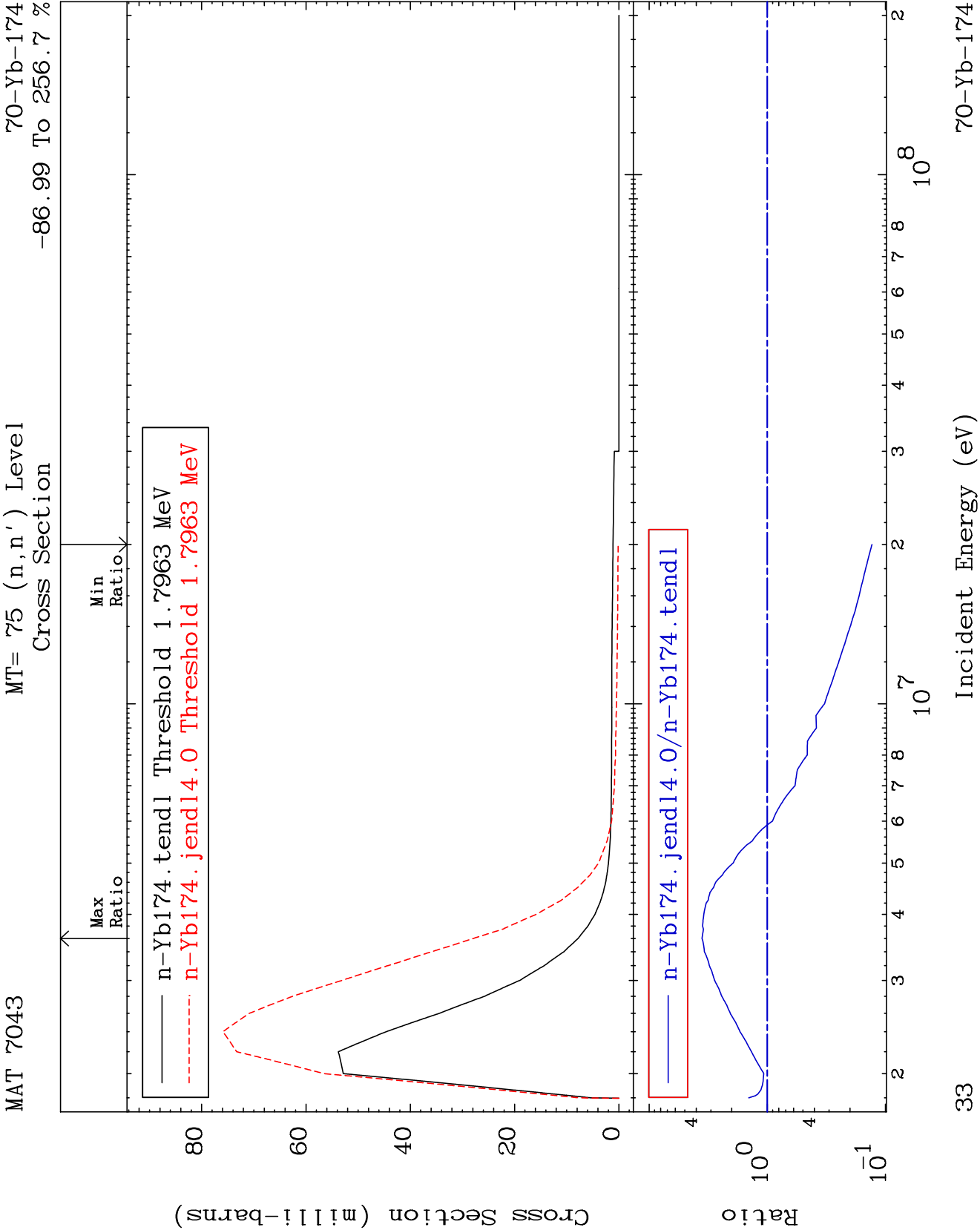


MAT 7043

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

70-Yb-174
-83.55 To 1237. %

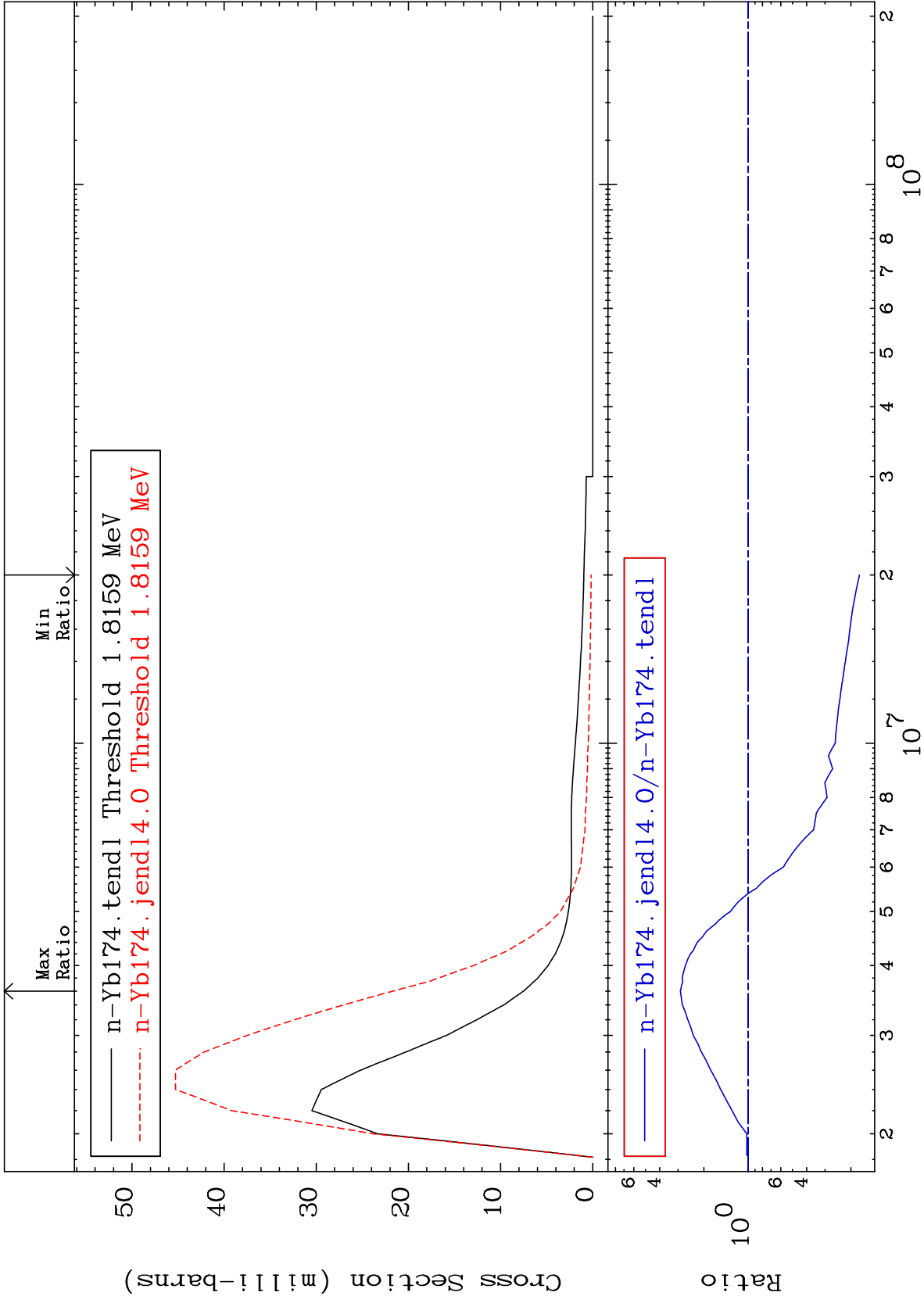


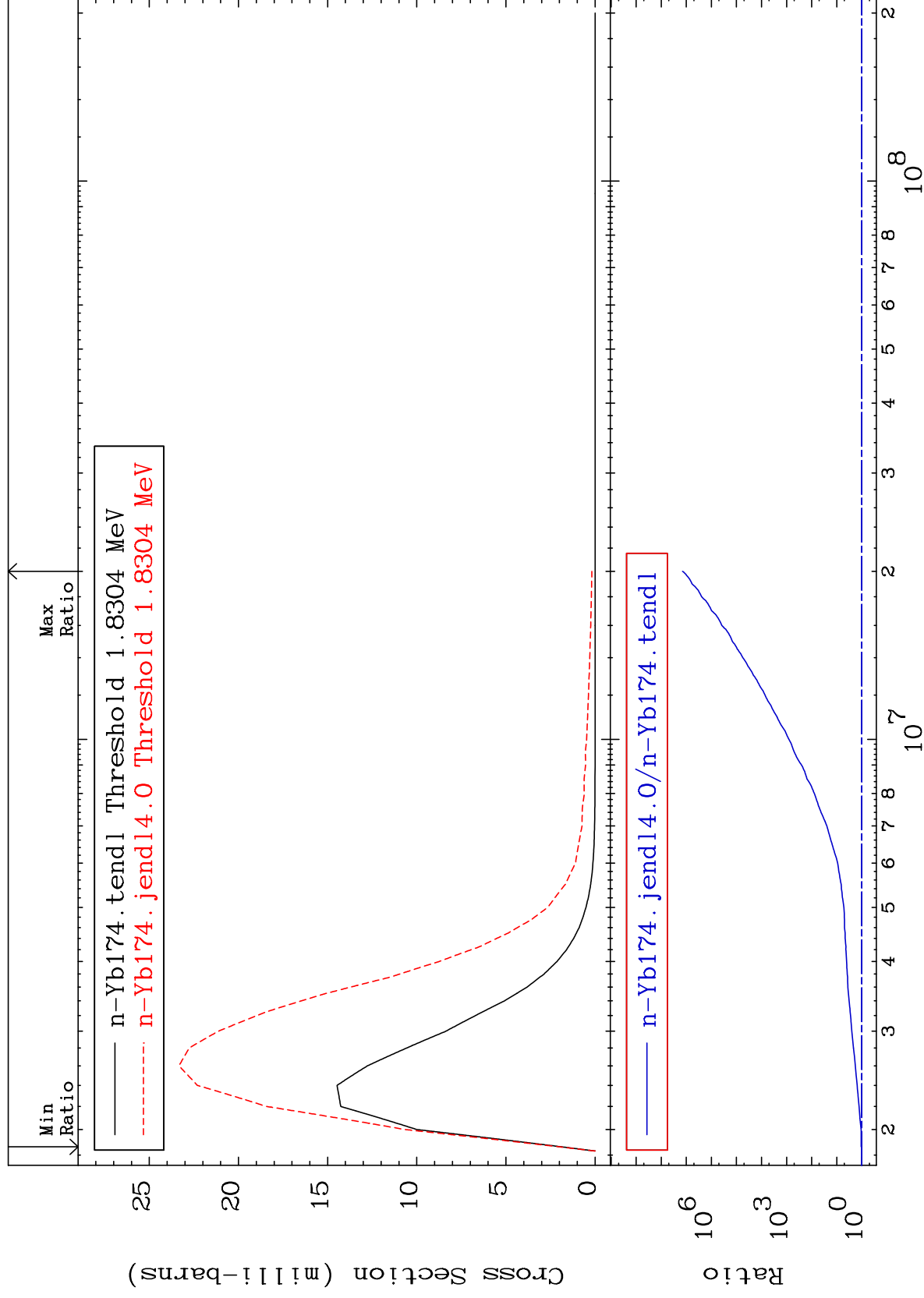


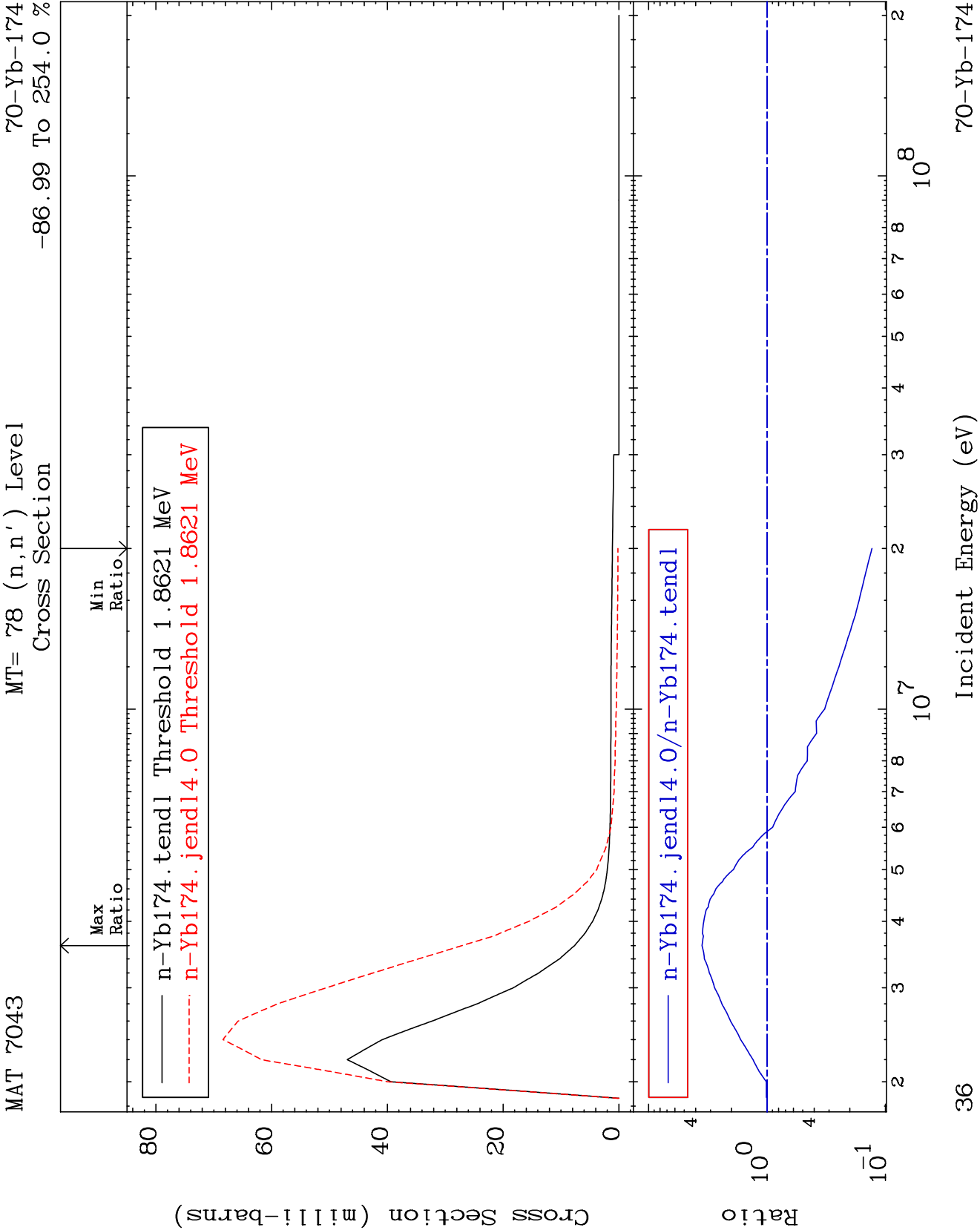
MAT 7043

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

⁷⁰Yb-174
-82.50 To 189.3 %



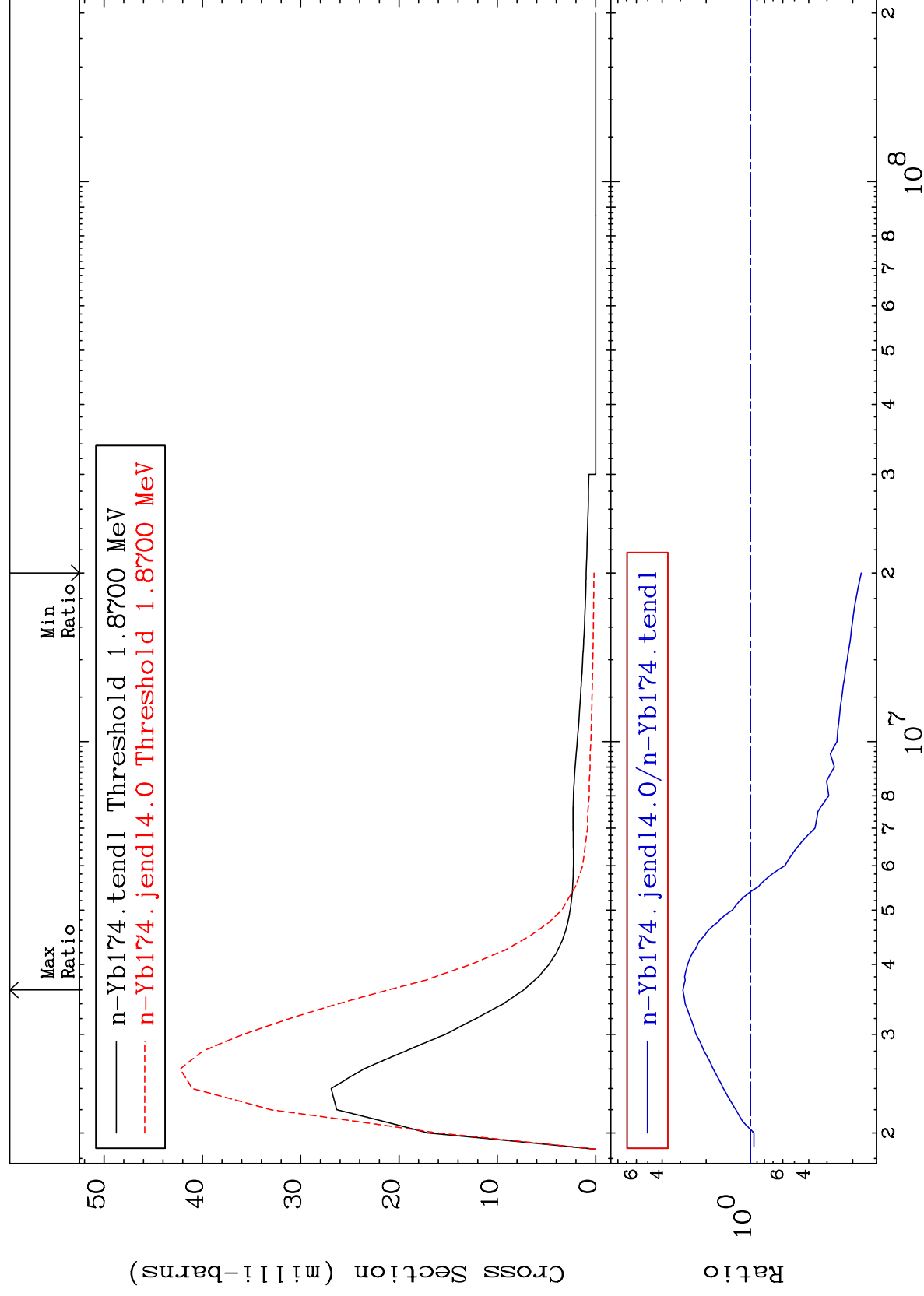




MAT 7043

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

70-Yb-174
-82.50 To 188.2 %



32

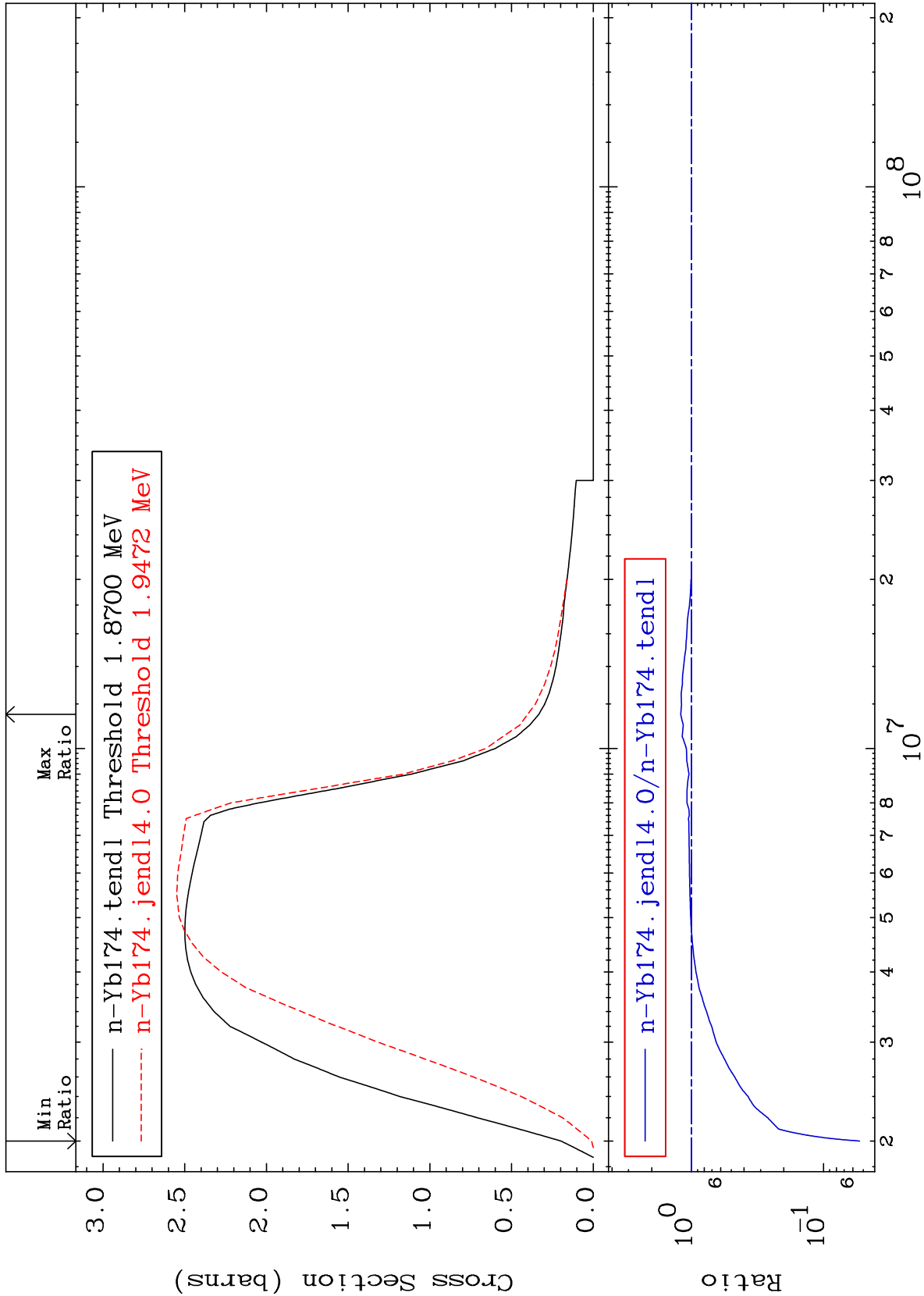
Incident Energy (eV)

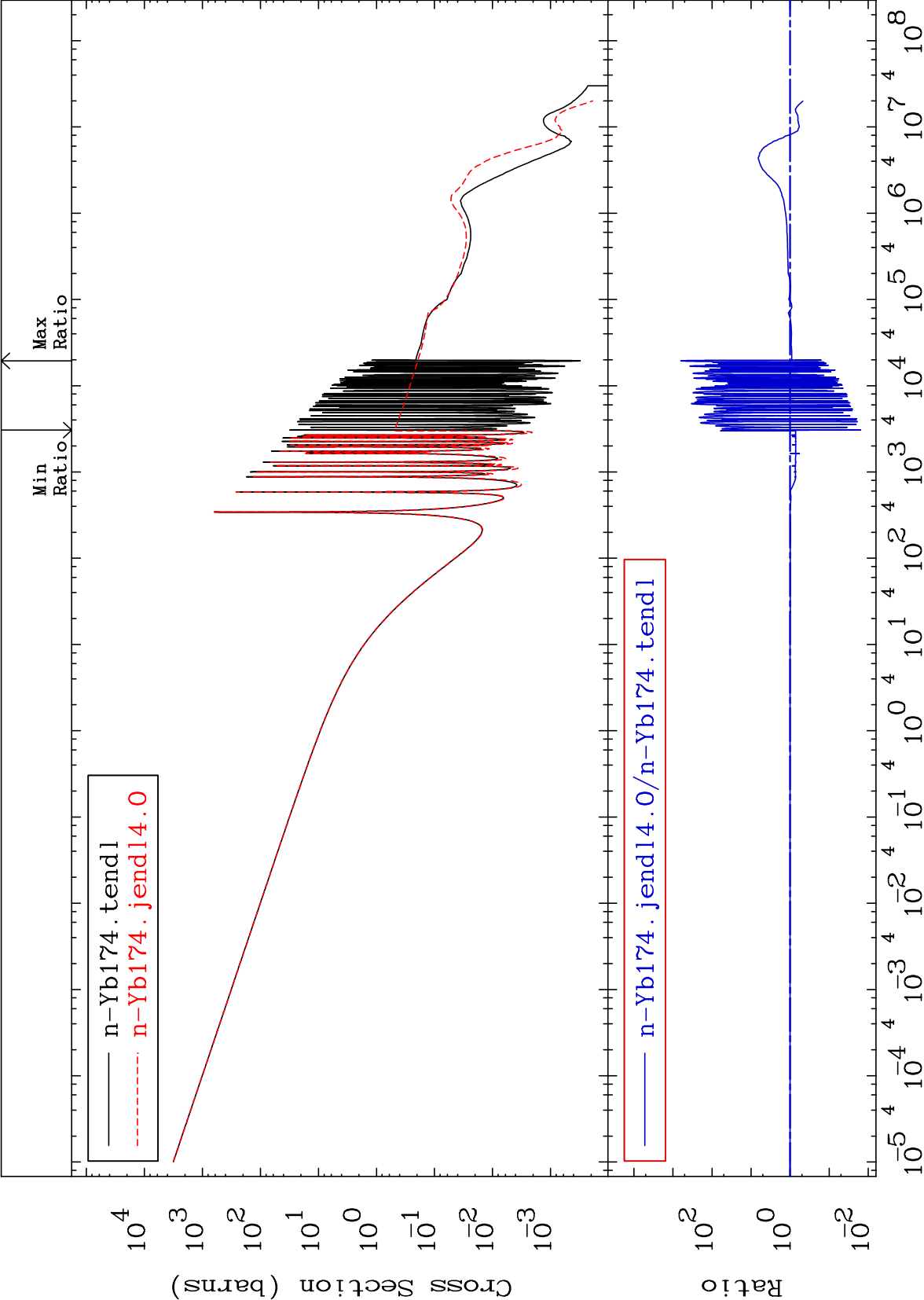
70-Yb-174

MAT 7043

(n,n') Continuum
Cross Section

⁷⁰Yb-¹⁷⁴
-94.66 To 20.53 %

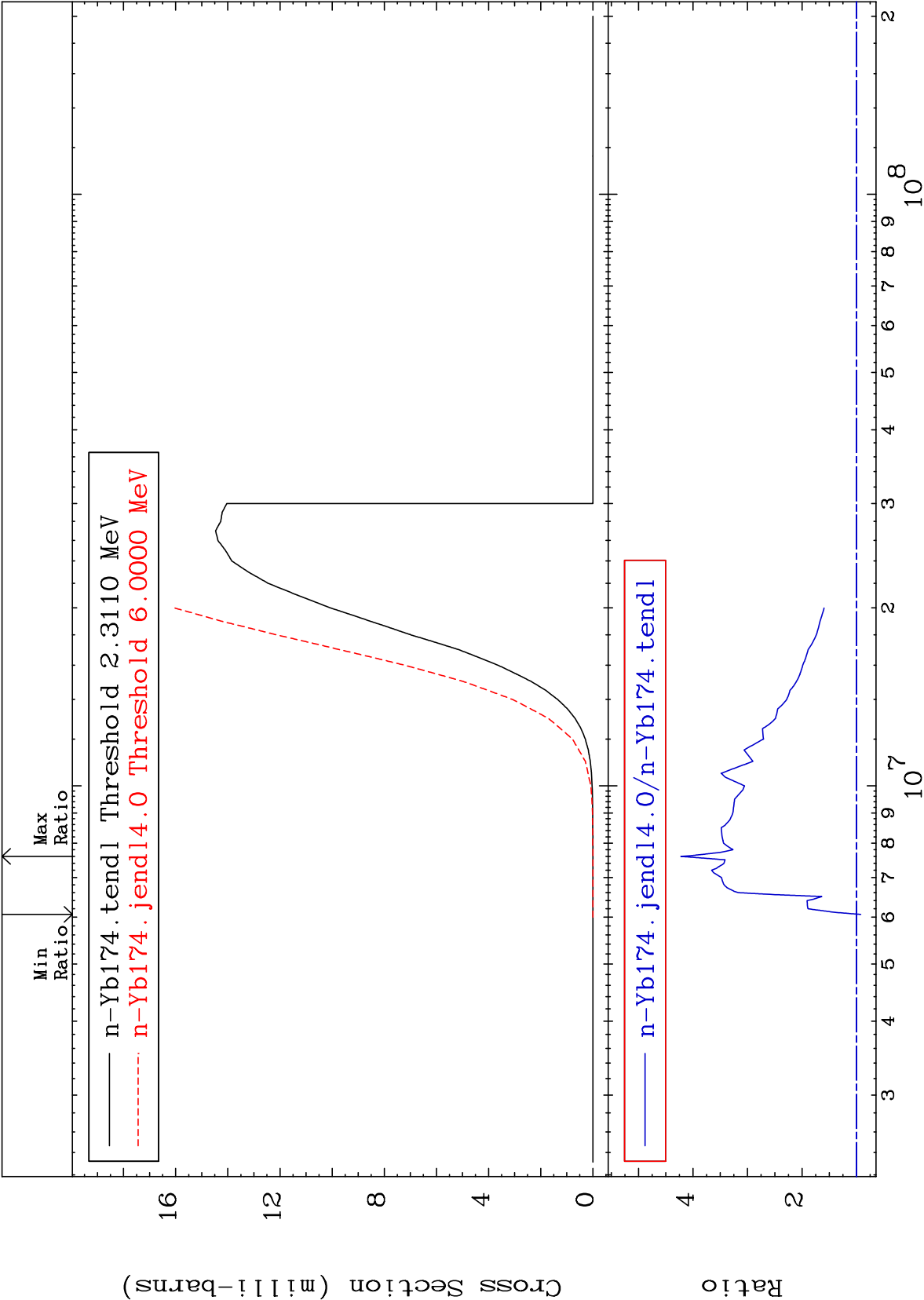


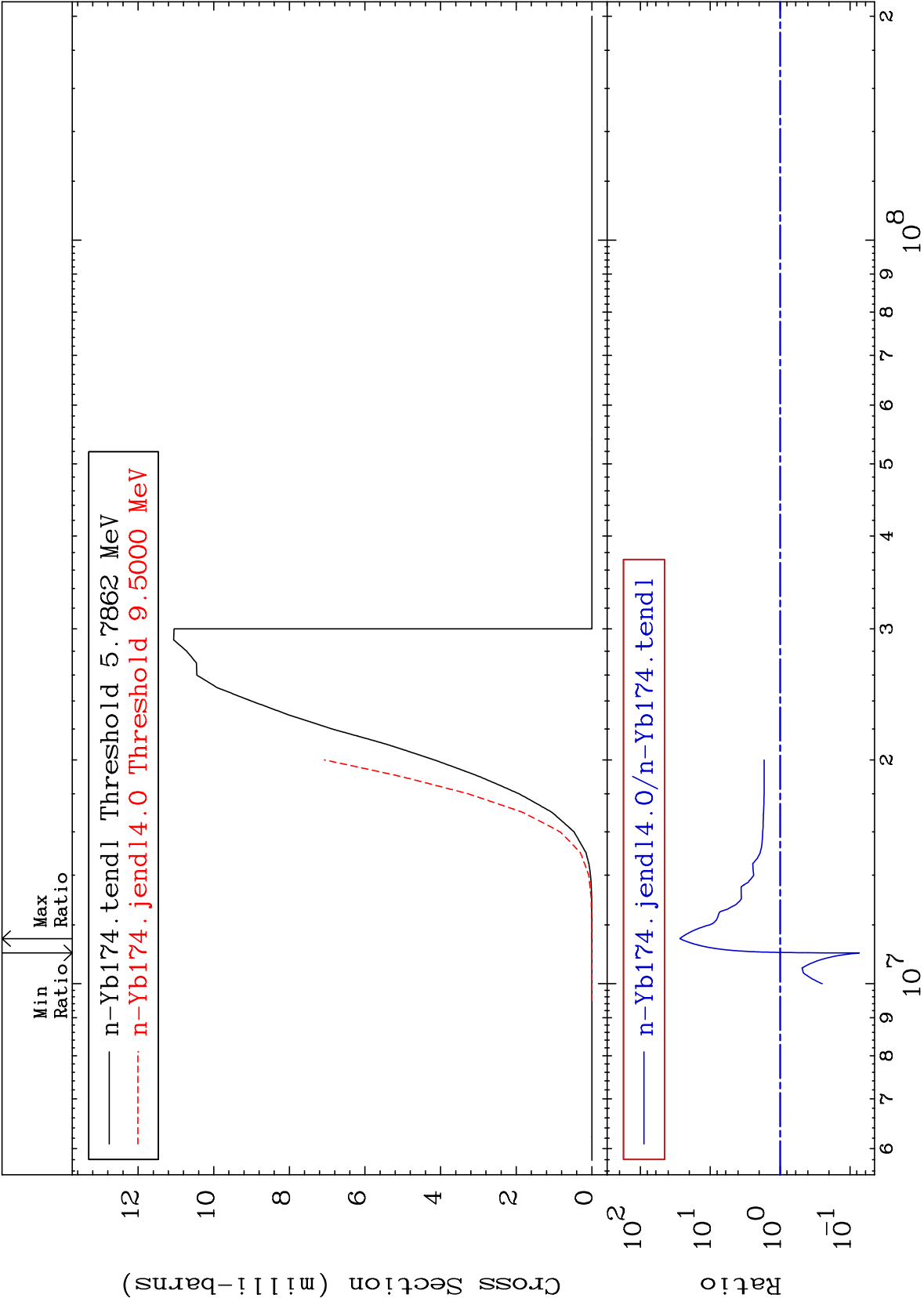


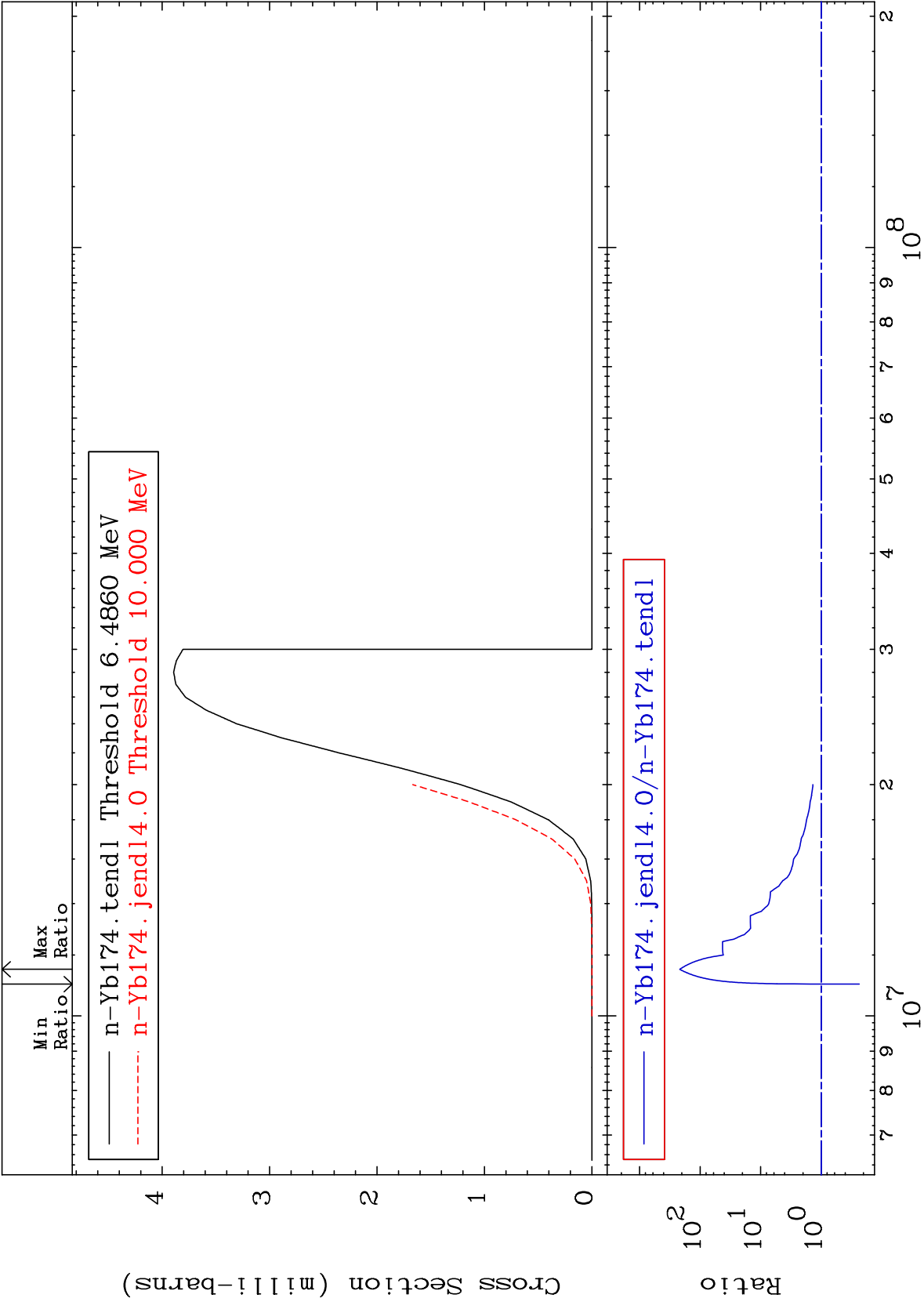
MAT 7043

(n,p)
Cross Section

⁷⁰Yb-174
-7.750 To 322.3 %







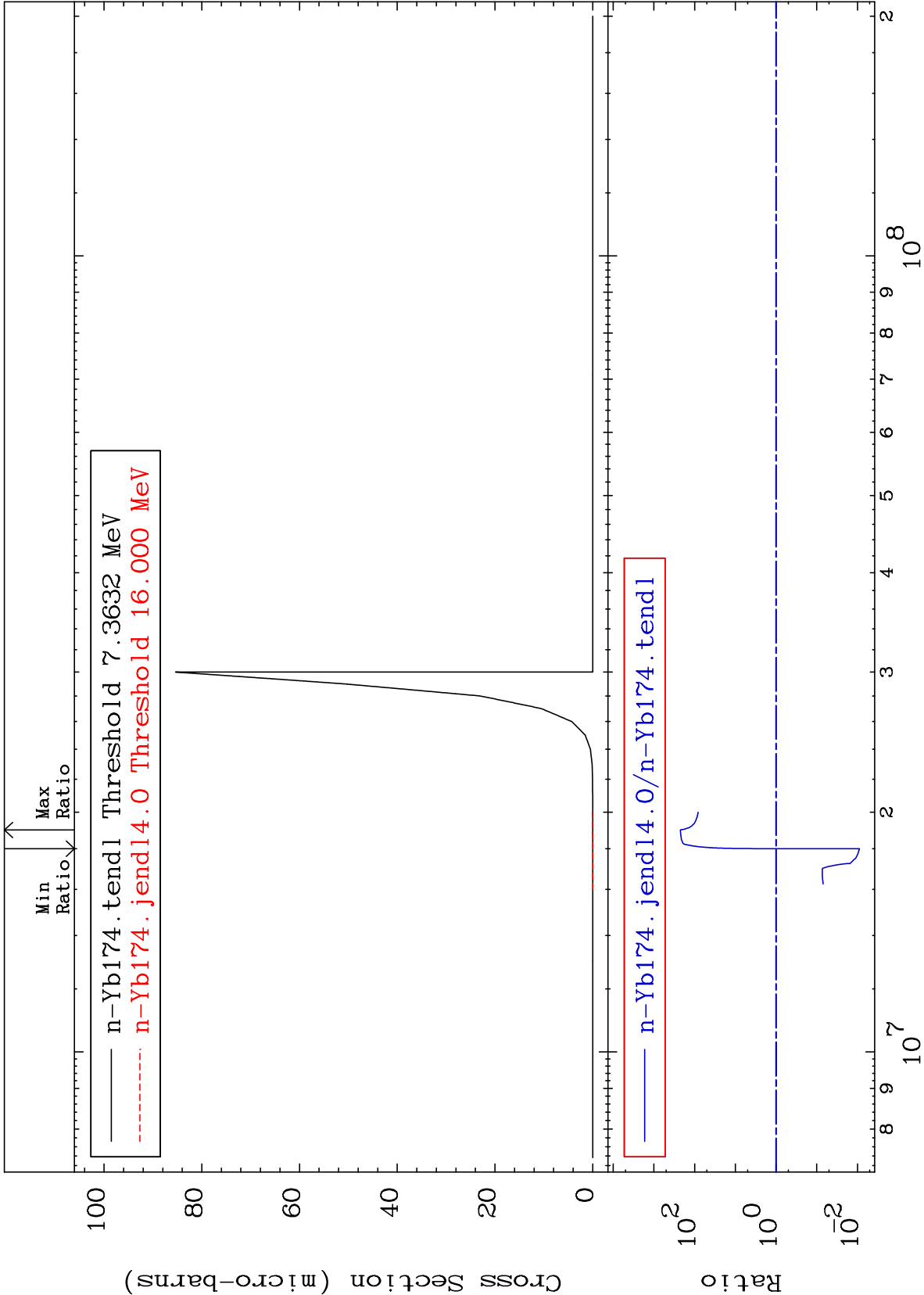
MAT 7043

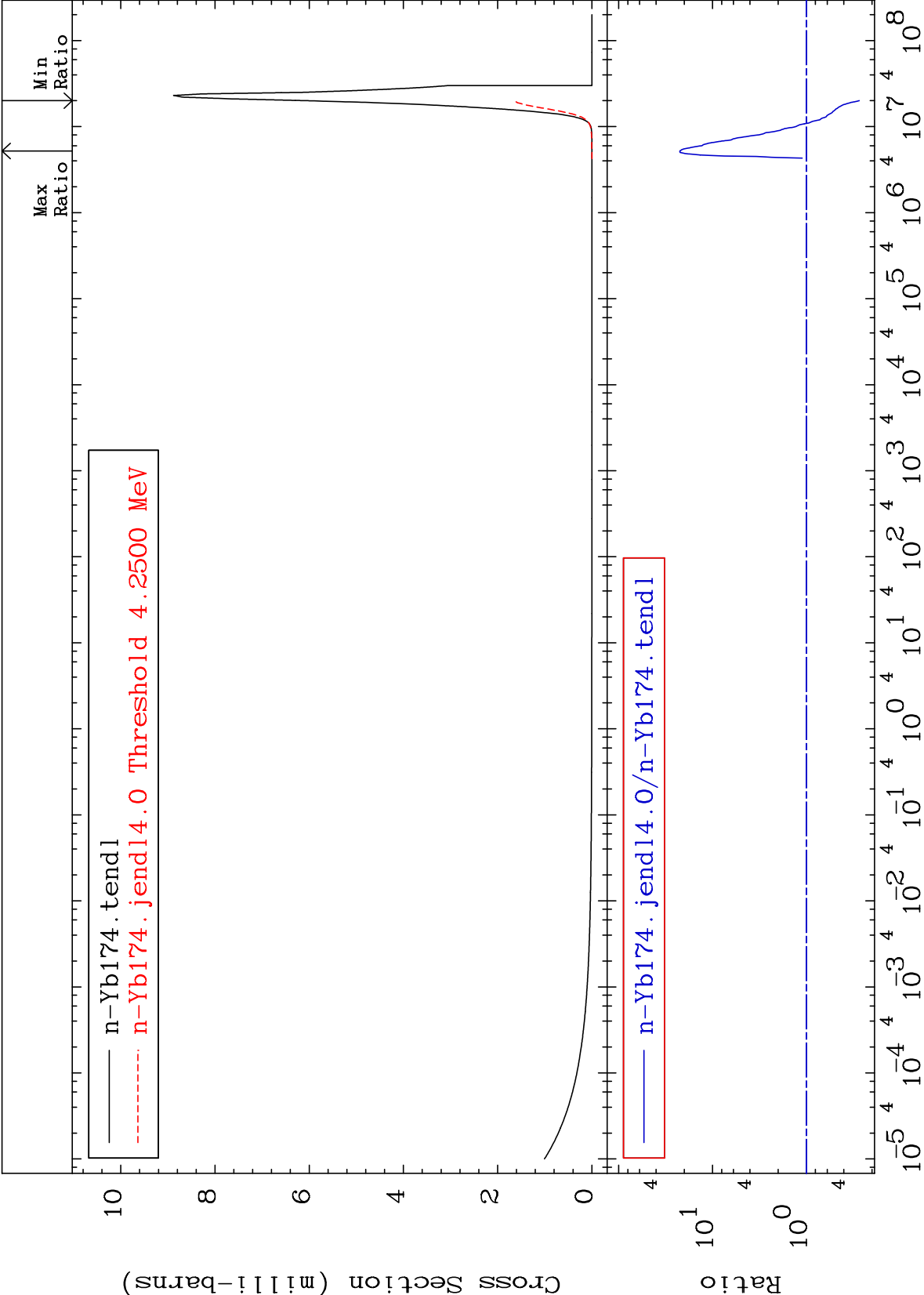
(n,He-3)

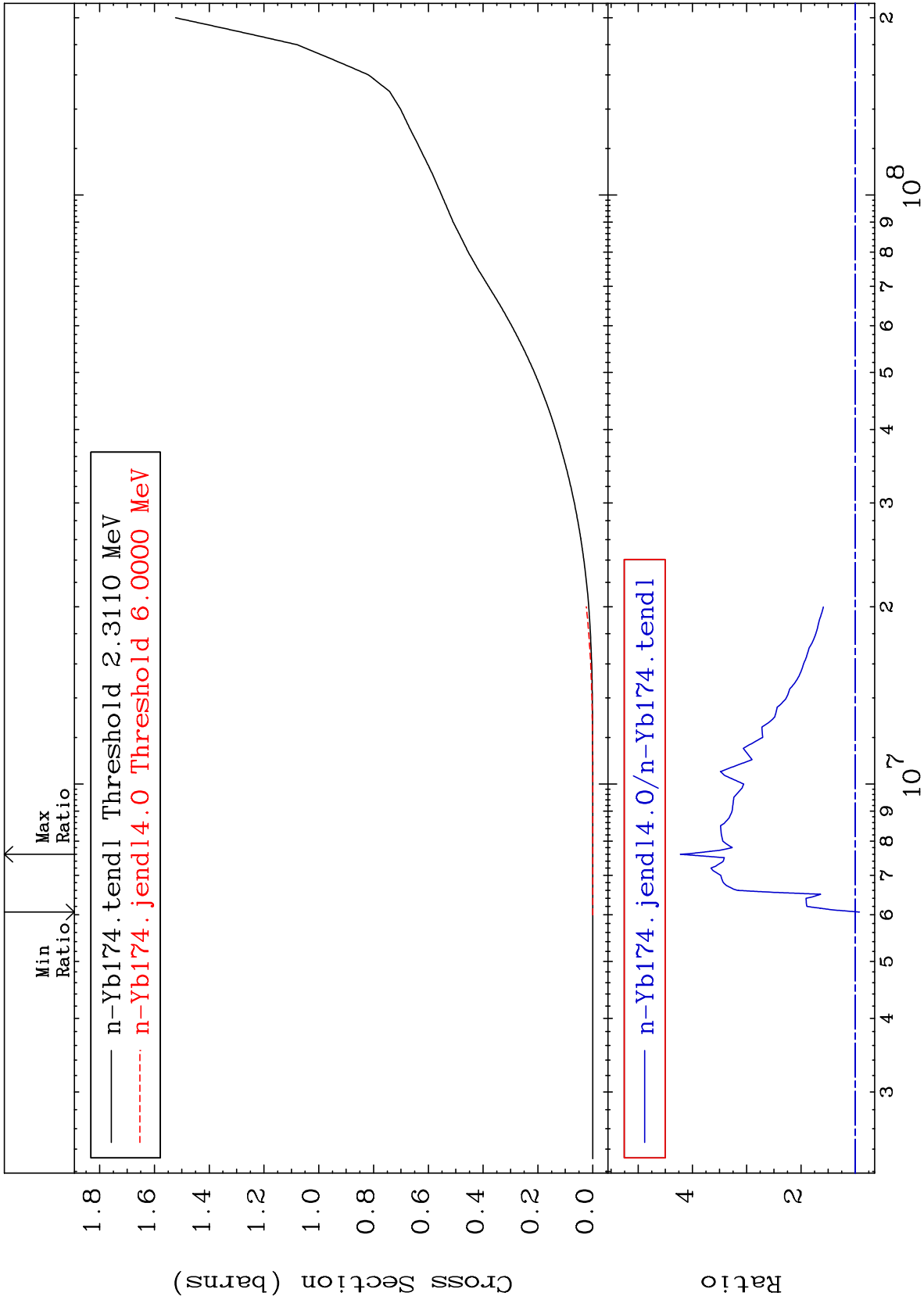
⁷⁰Yb-174

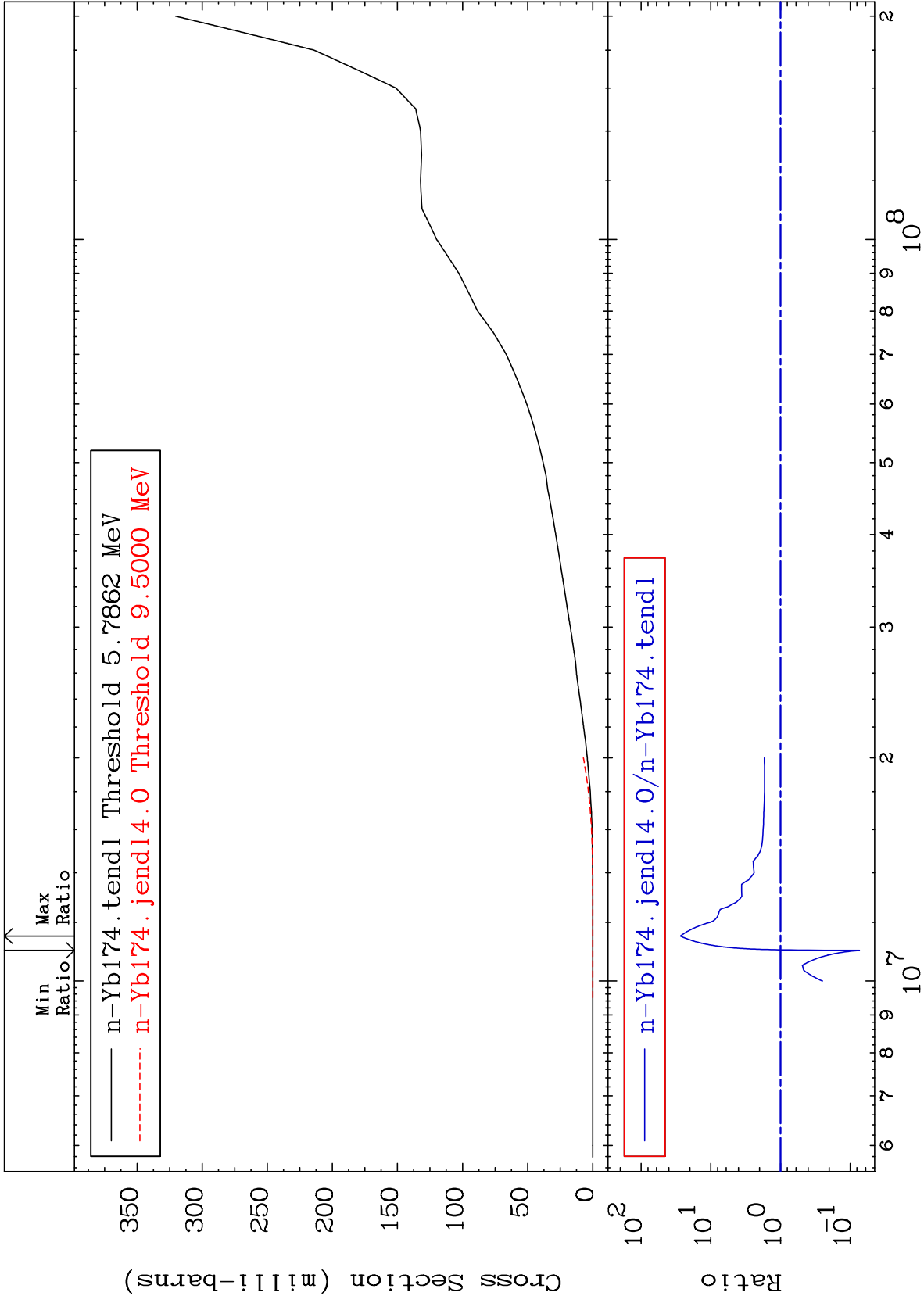
Cross Section

-99.10 To 9999. %





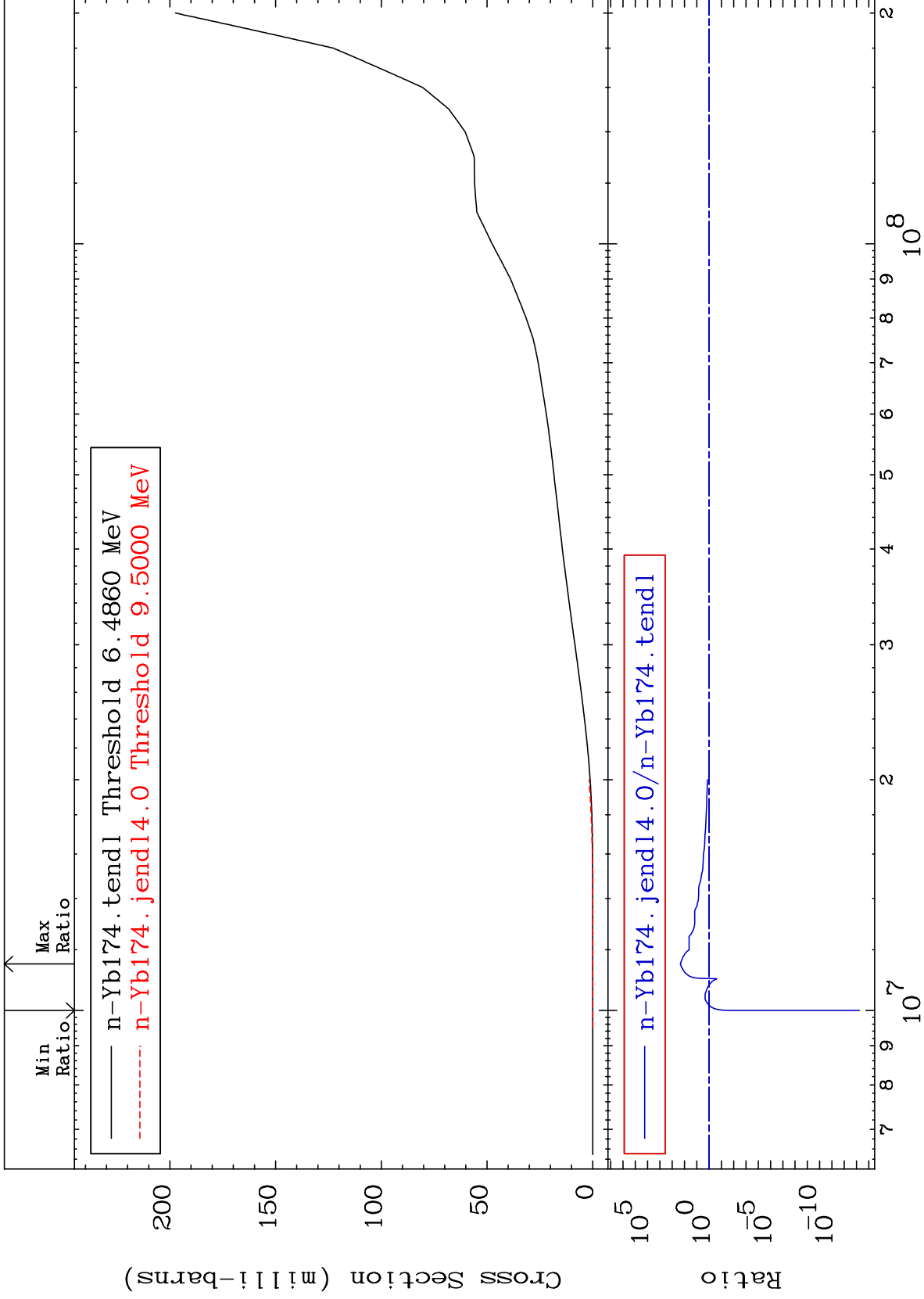




MAT 7043

Tritium Production
Cross Section

⁷⁰Yb-174
-100.0 To 9999. %



47

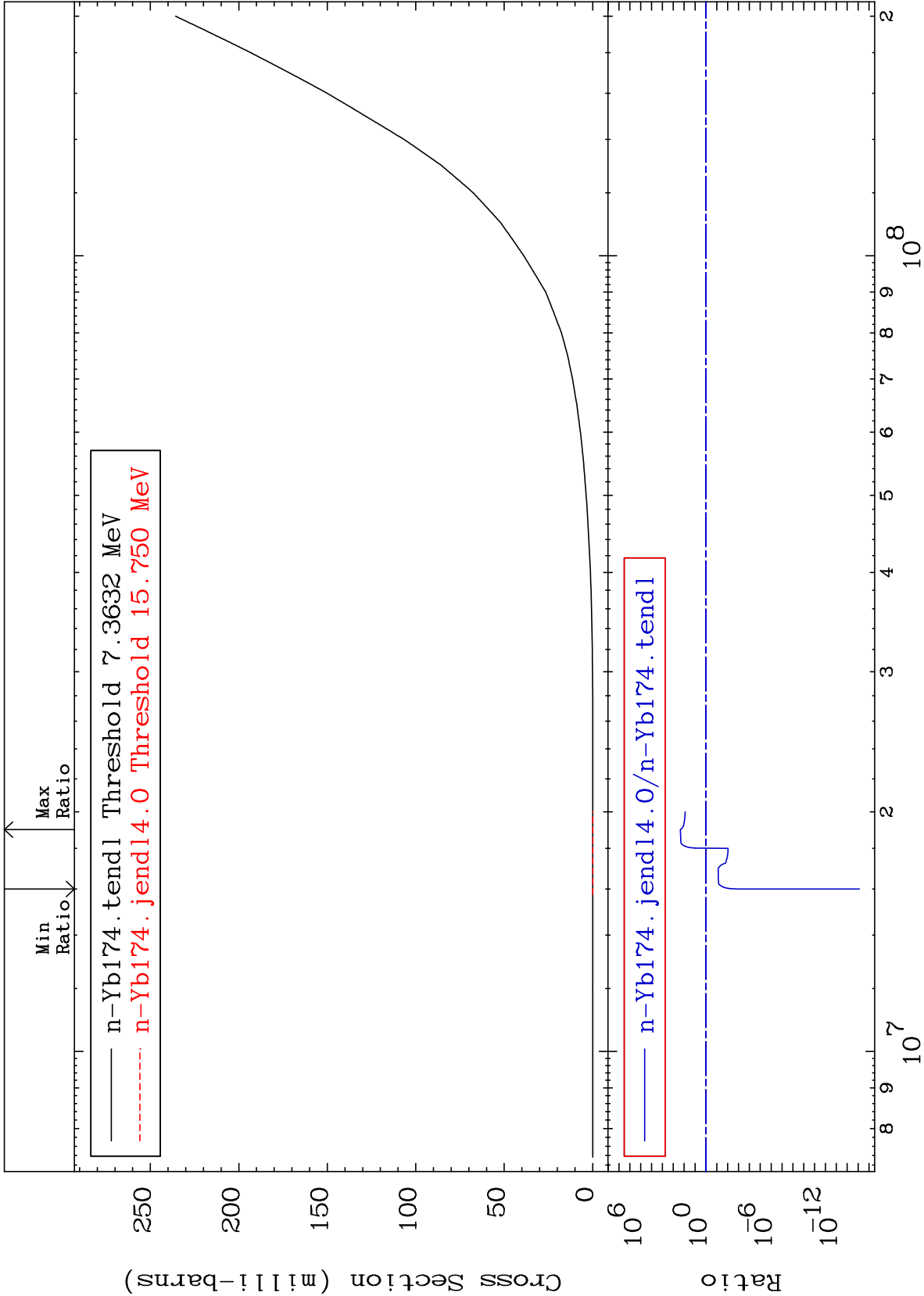
Incident Energy (eV)

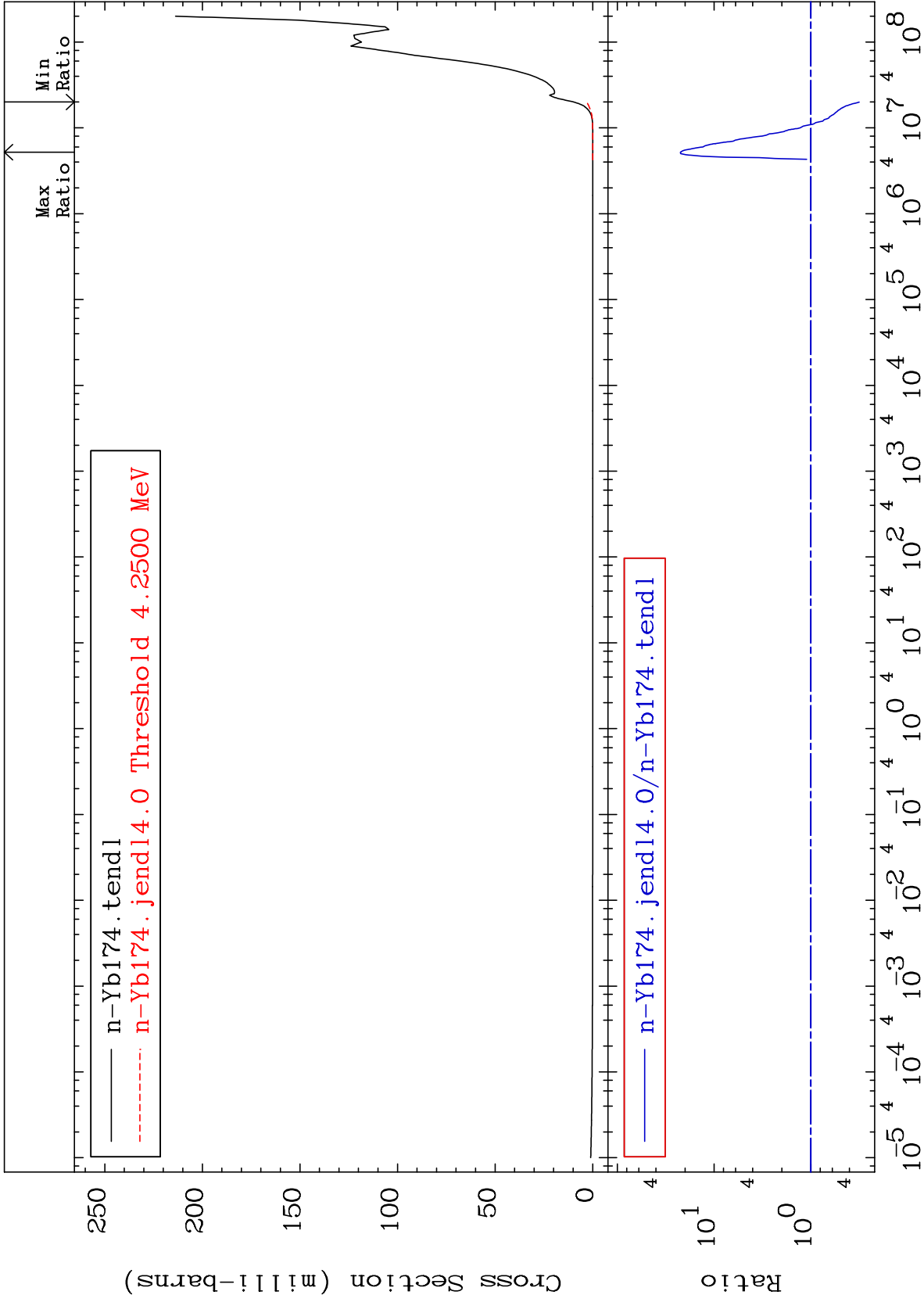
⁷⁰Yb-174

MAT 7043

He-3 Production
Cross Section

⁷⁰Yb-174
-100.0 To 9999. %





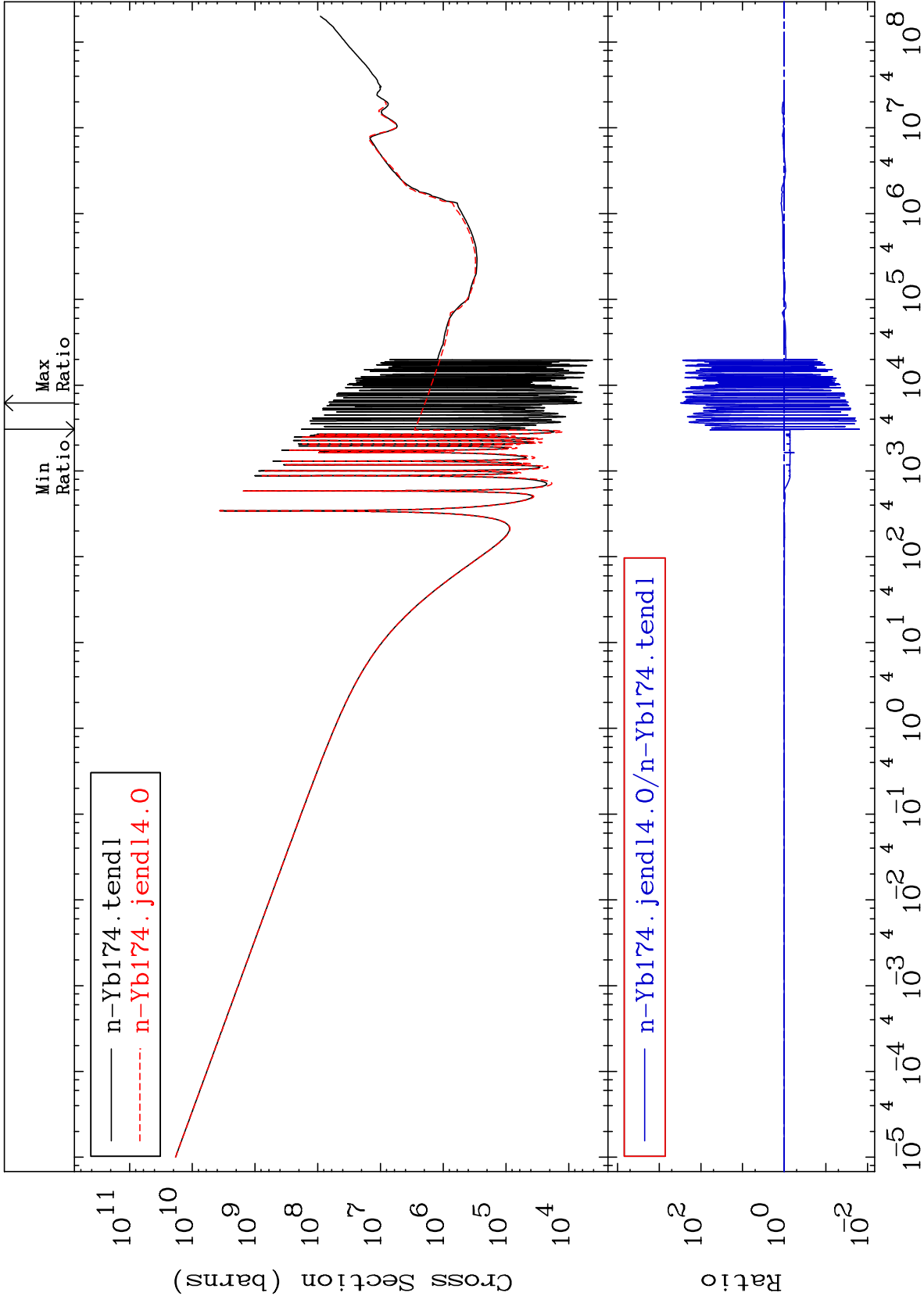
MAT 7043

Kerma total (eV-barns)

70-Yb-174

Cross Section

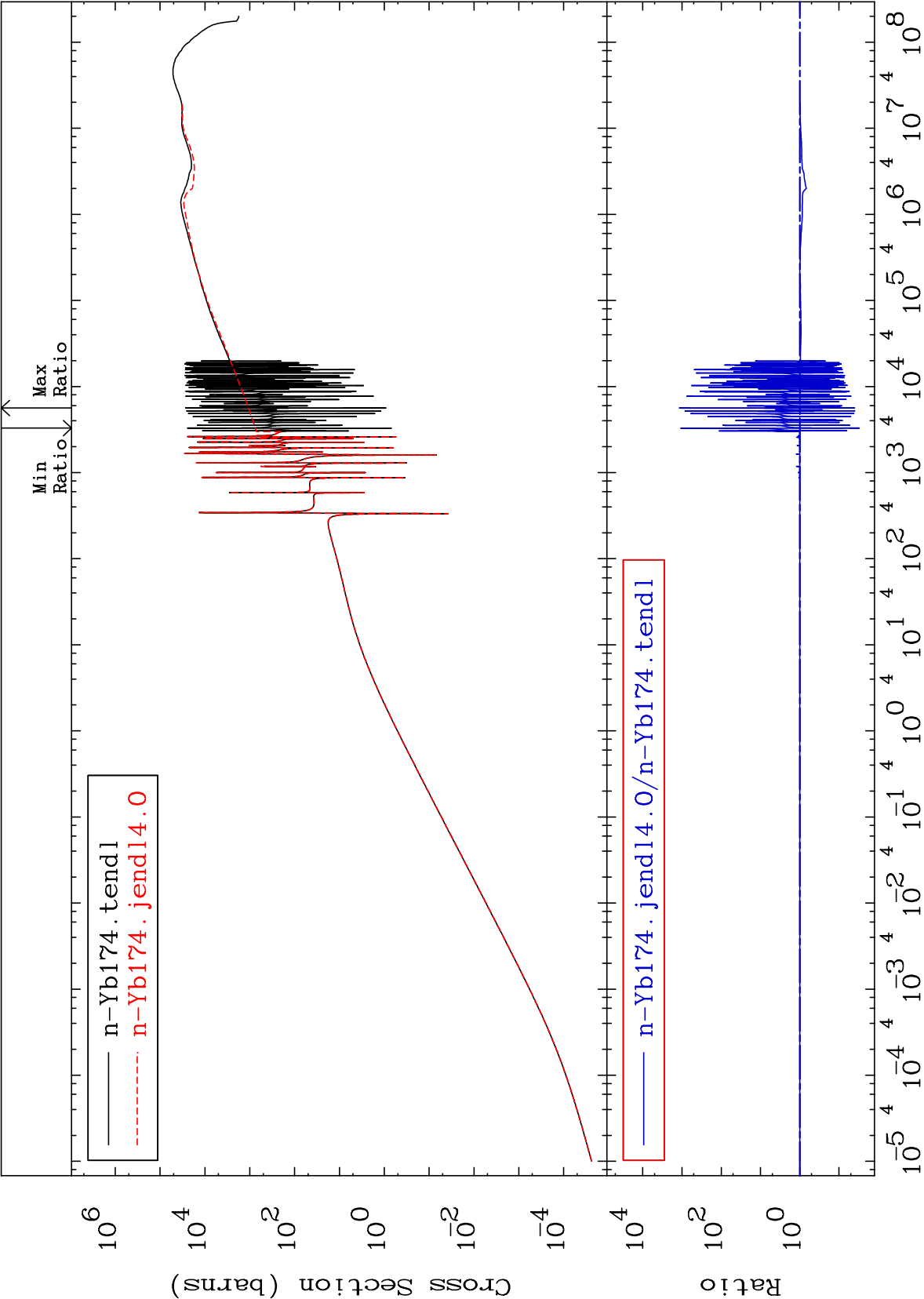
-98.44 To 9999. %



50

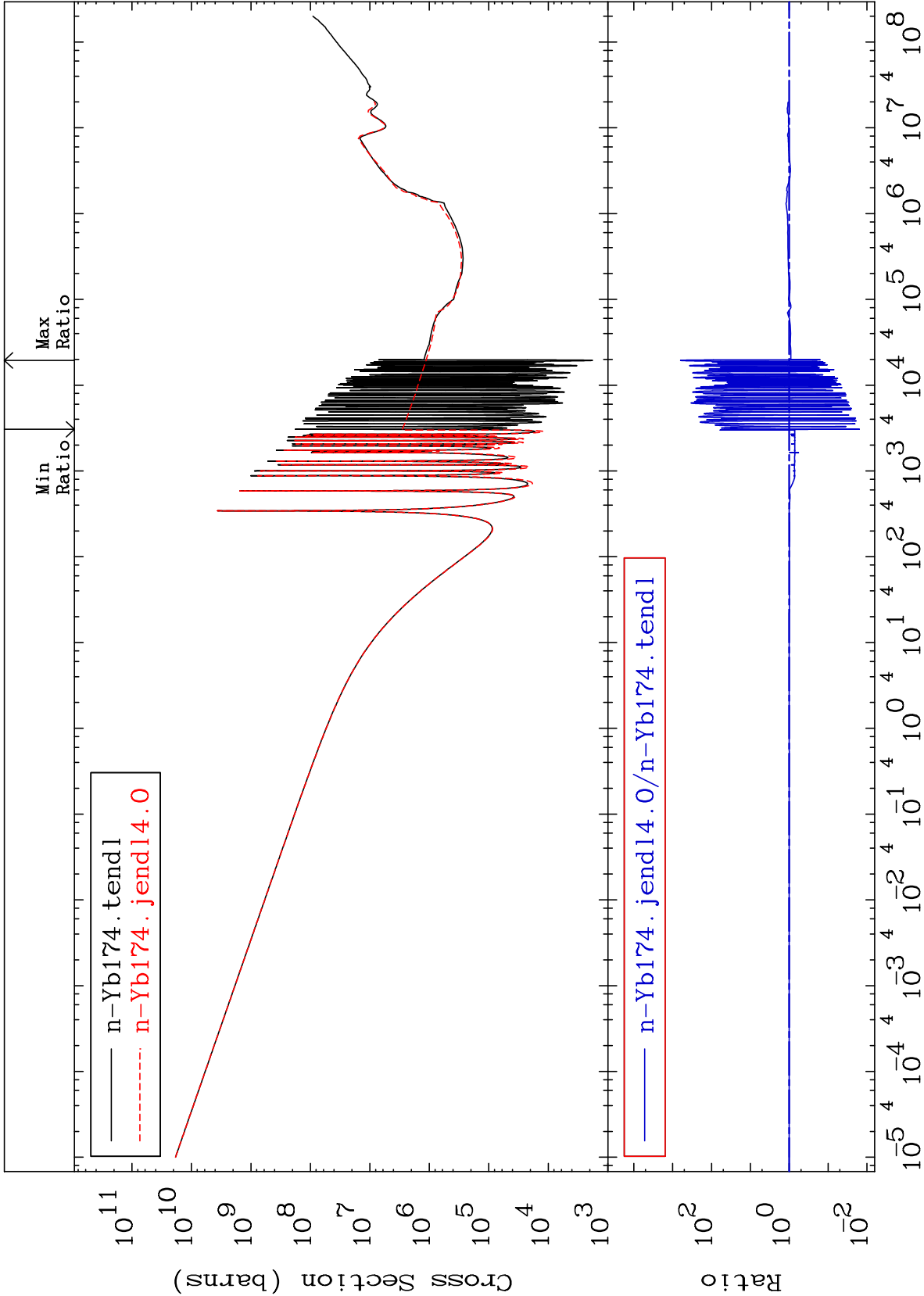
Incident Energy (eV)

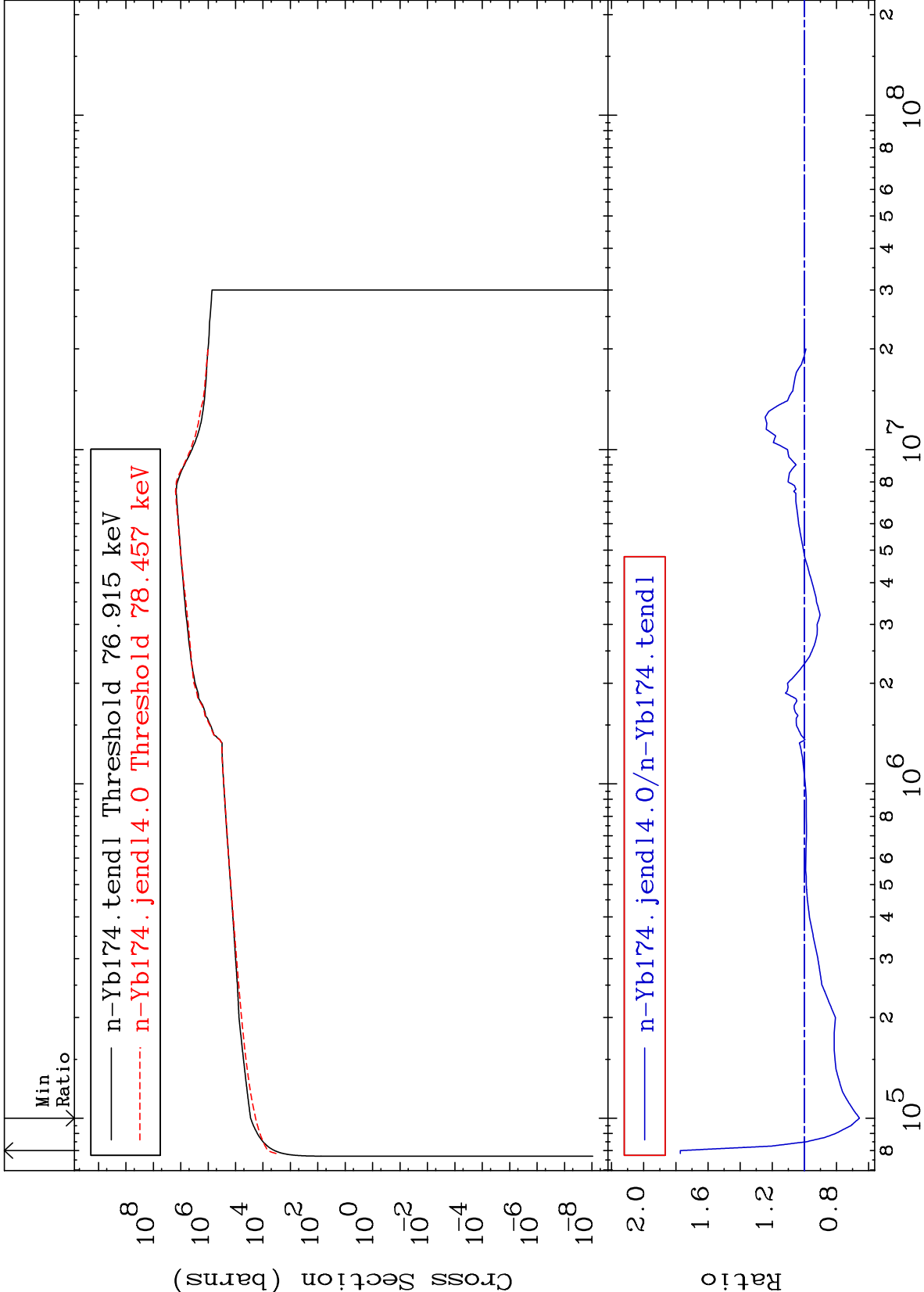
70-Yb-174

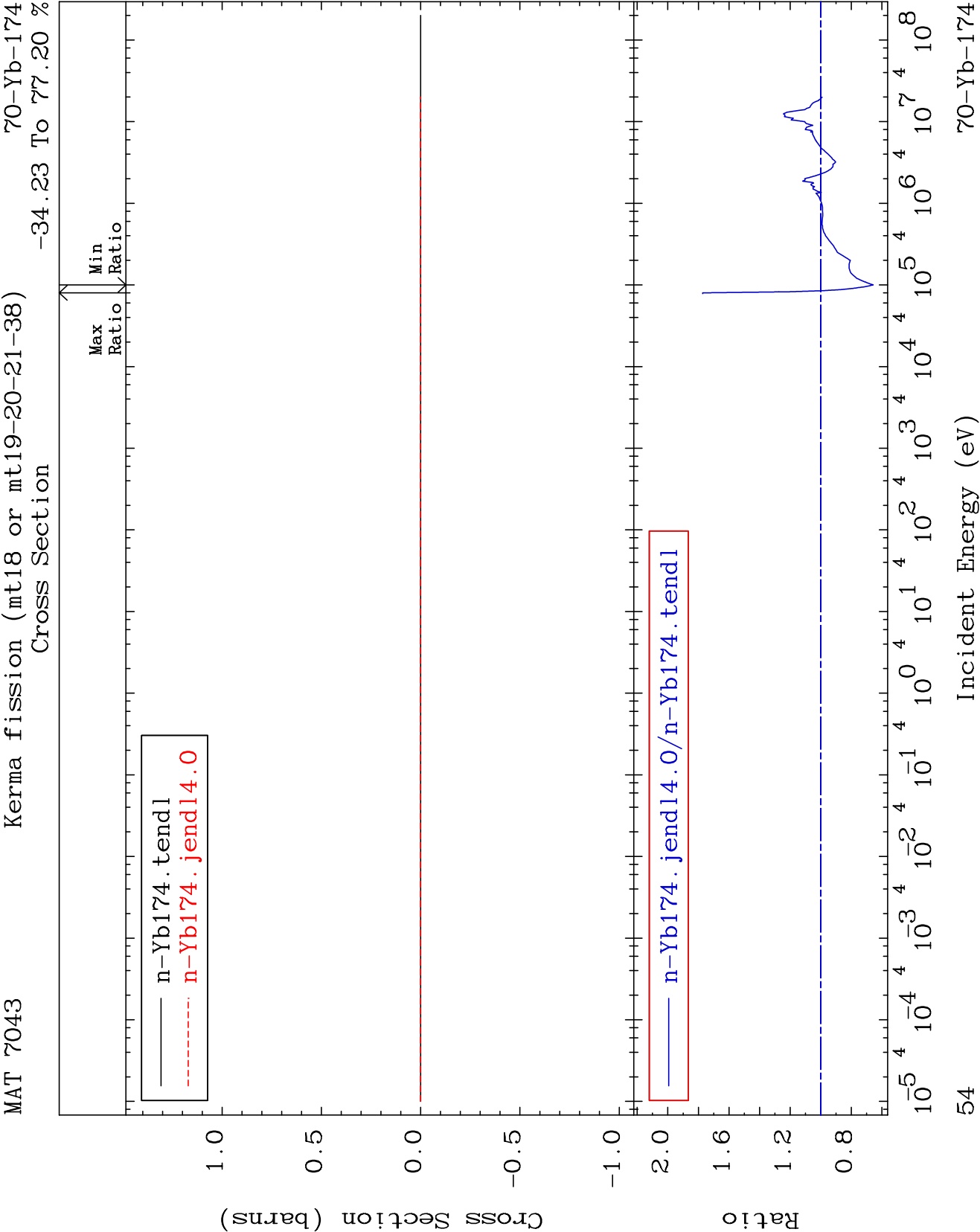


Cross Section

-98.44 To 9999. %

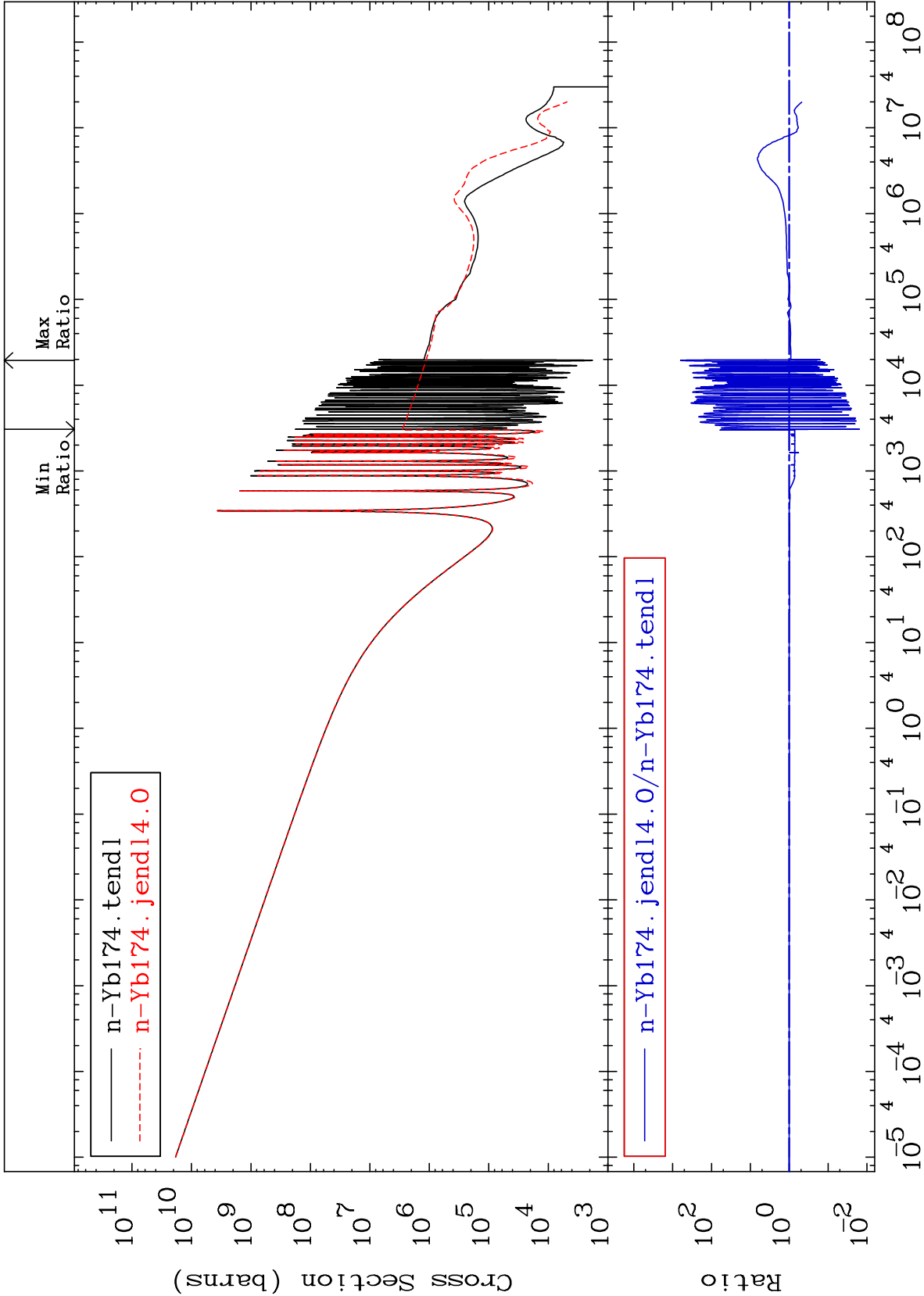


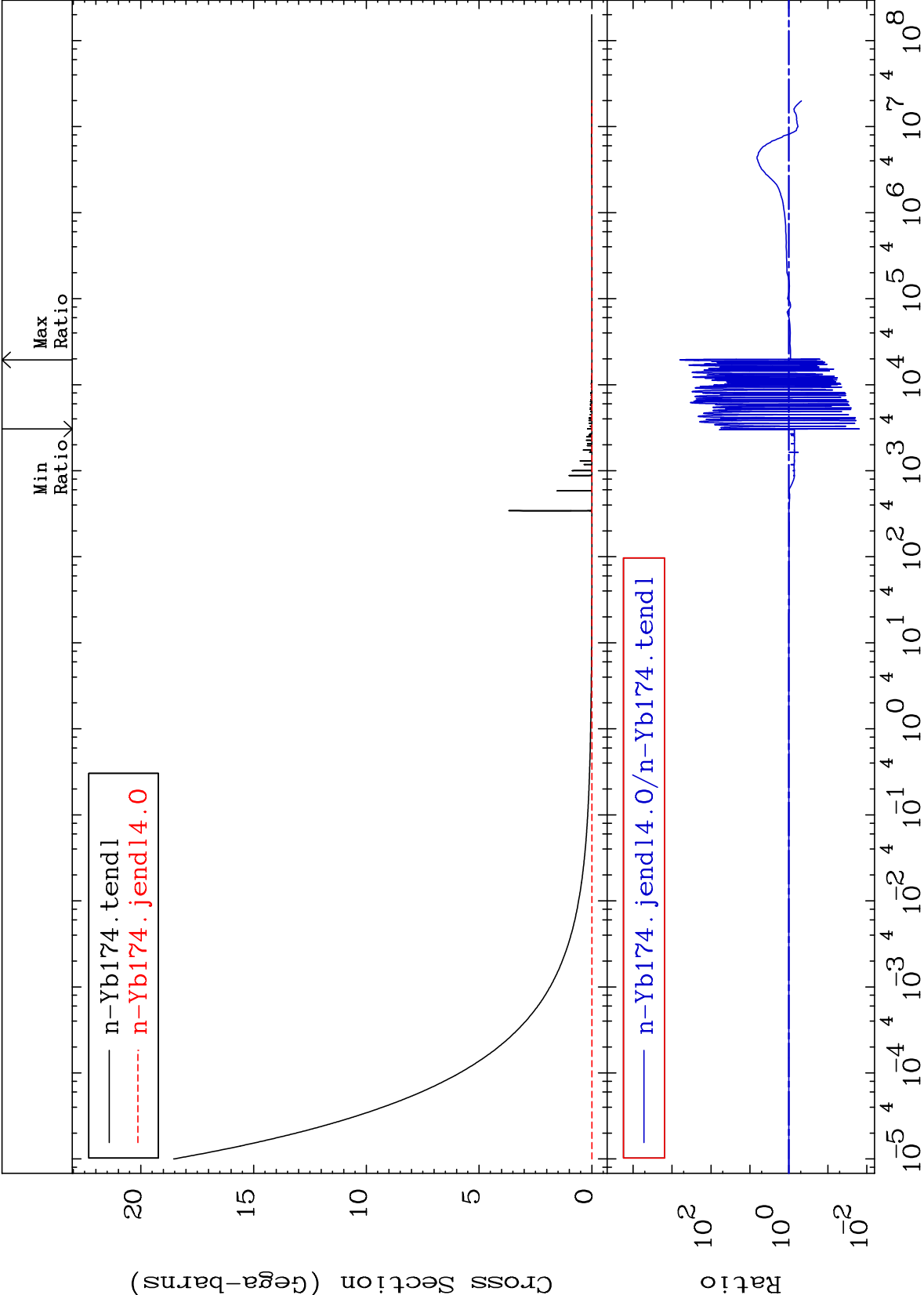




Cross Section

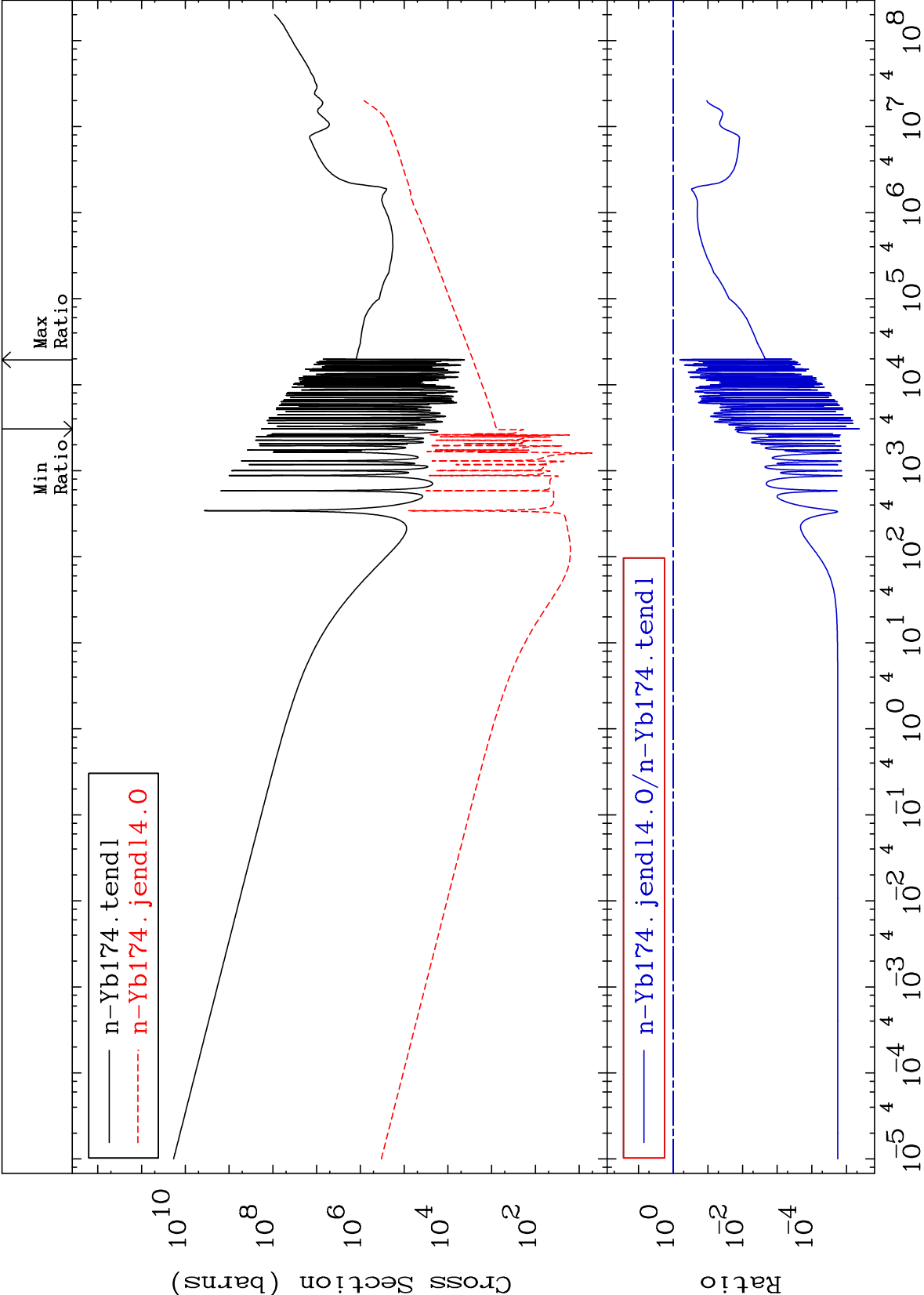
-98.44 To 9999. %





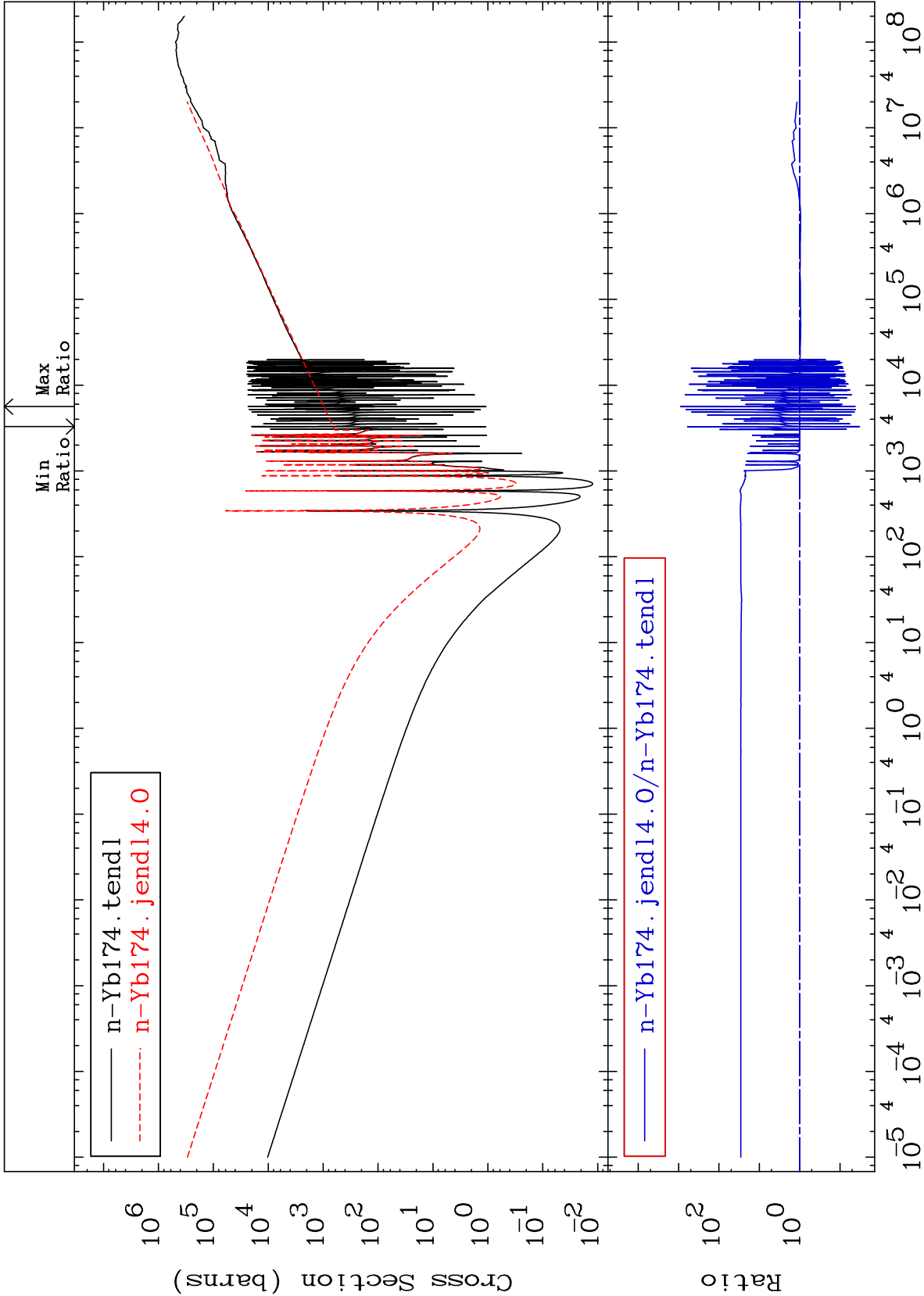
Cross Section

-100.0 To -35.11%



Cross Section

-96.71 To 9999. %



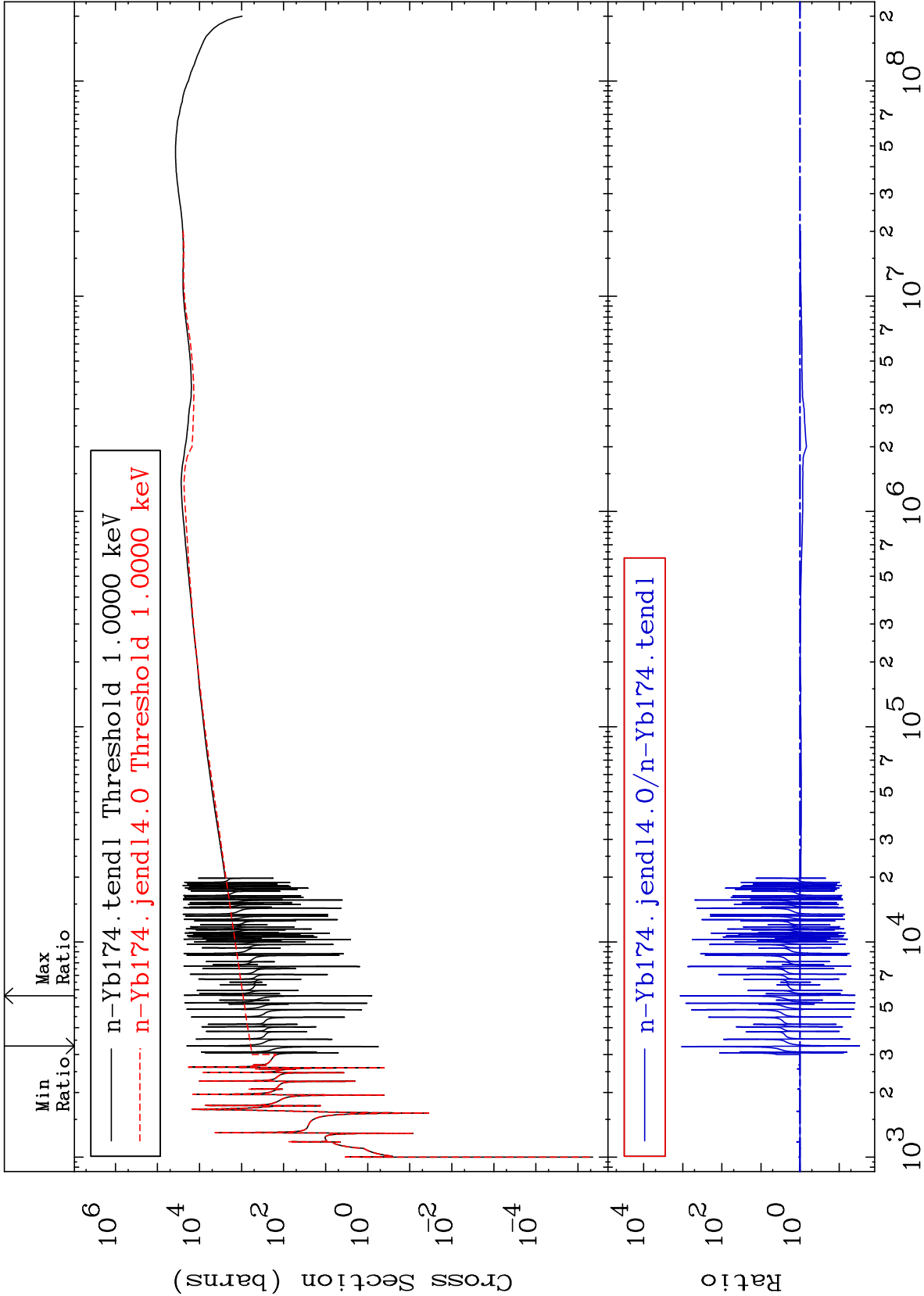
MAT 7043

Dpa elastic (mt2)

⁷⁰Yb-174

-96.96 To 9999. %

Cross Section



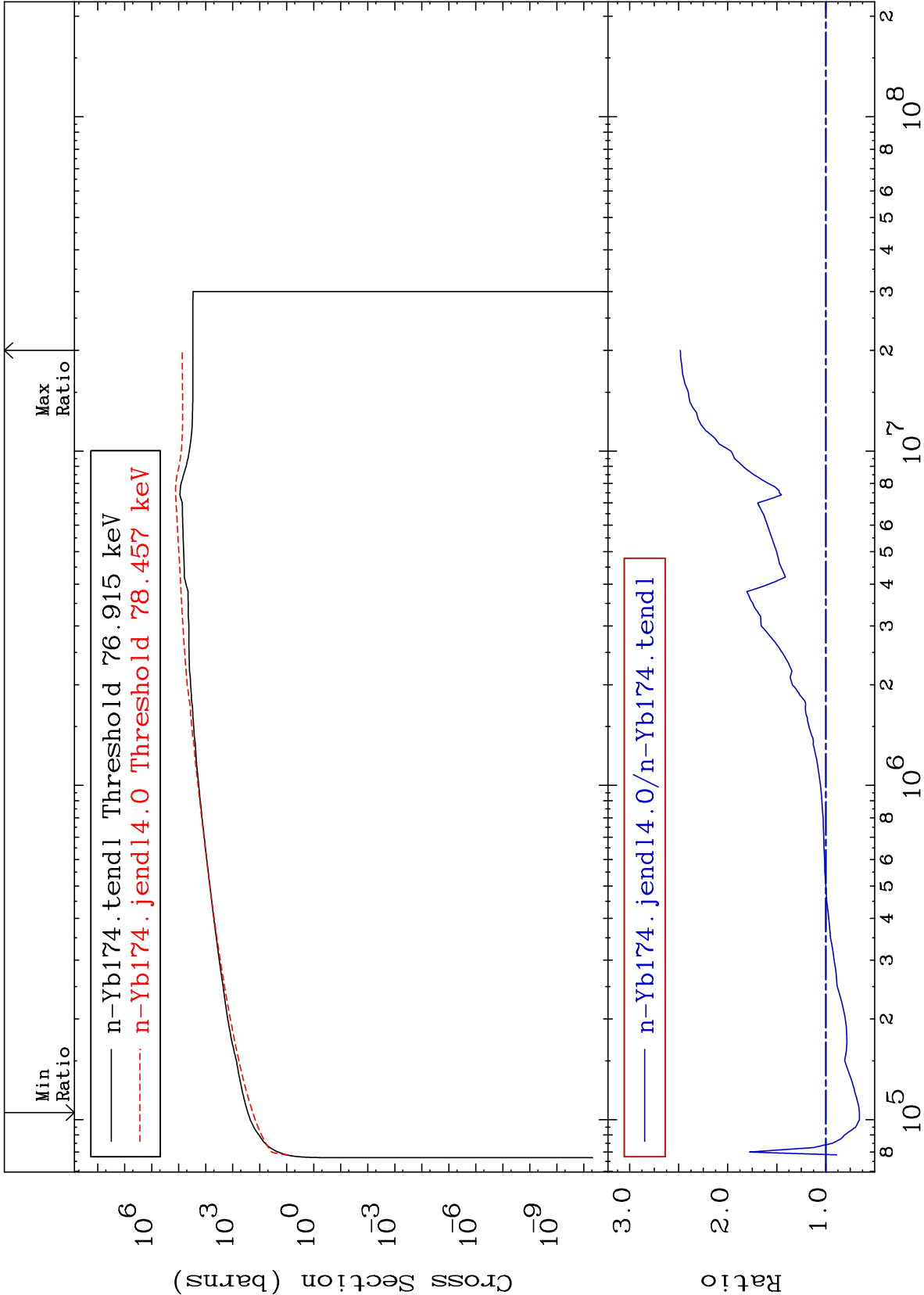
MAT 7043

Dpa inelastic (mt51-91)

⁷⁰Yb-¹⁷⁴

Cross Section

-34.34 To 148.3 %



MAT 7043

Dpa disappearance (mt102 -120)

70-Yb-174

Cross Section

-47.60 To 9999. %

