

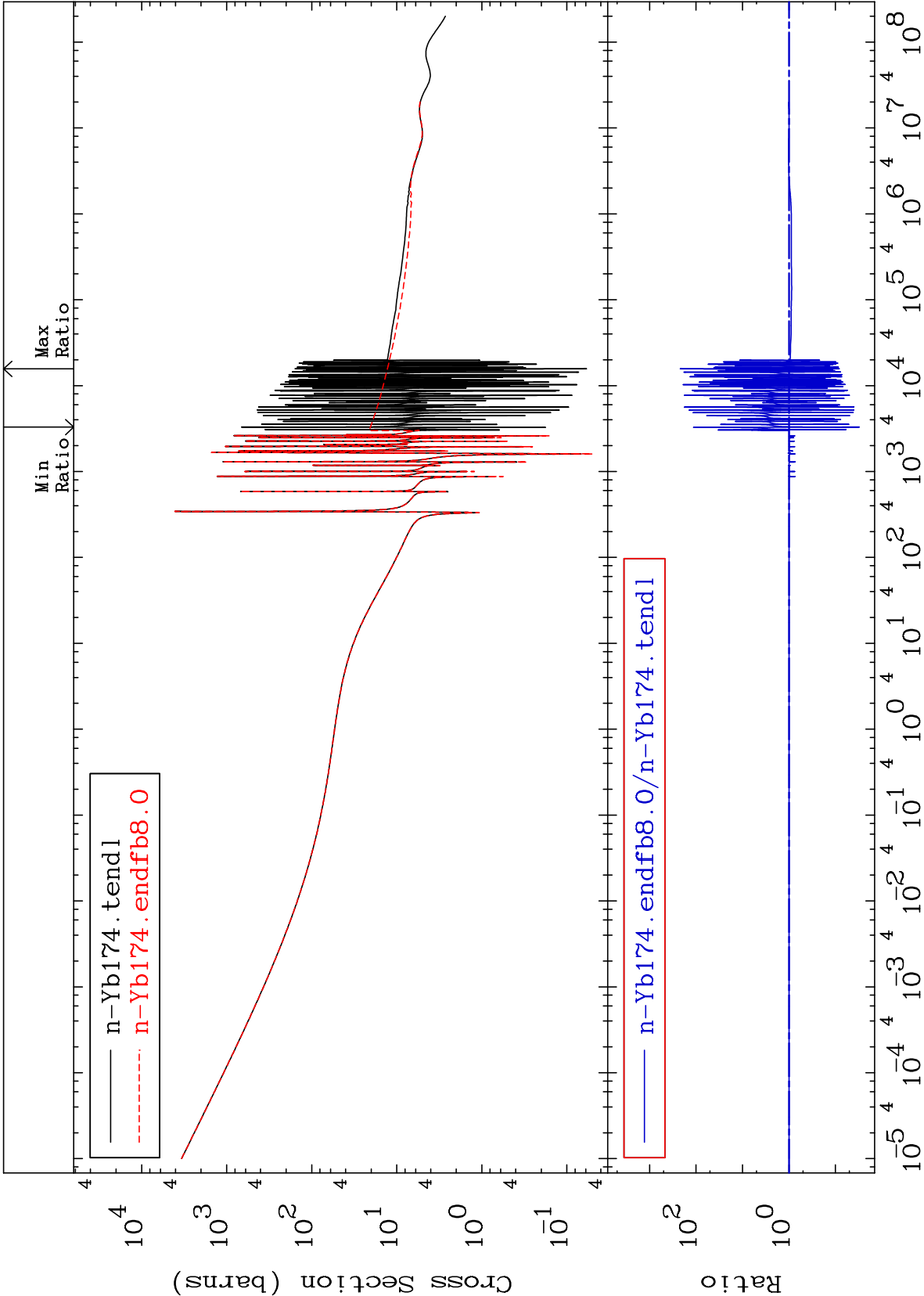
MAT 7043

Total

70-Yb-174

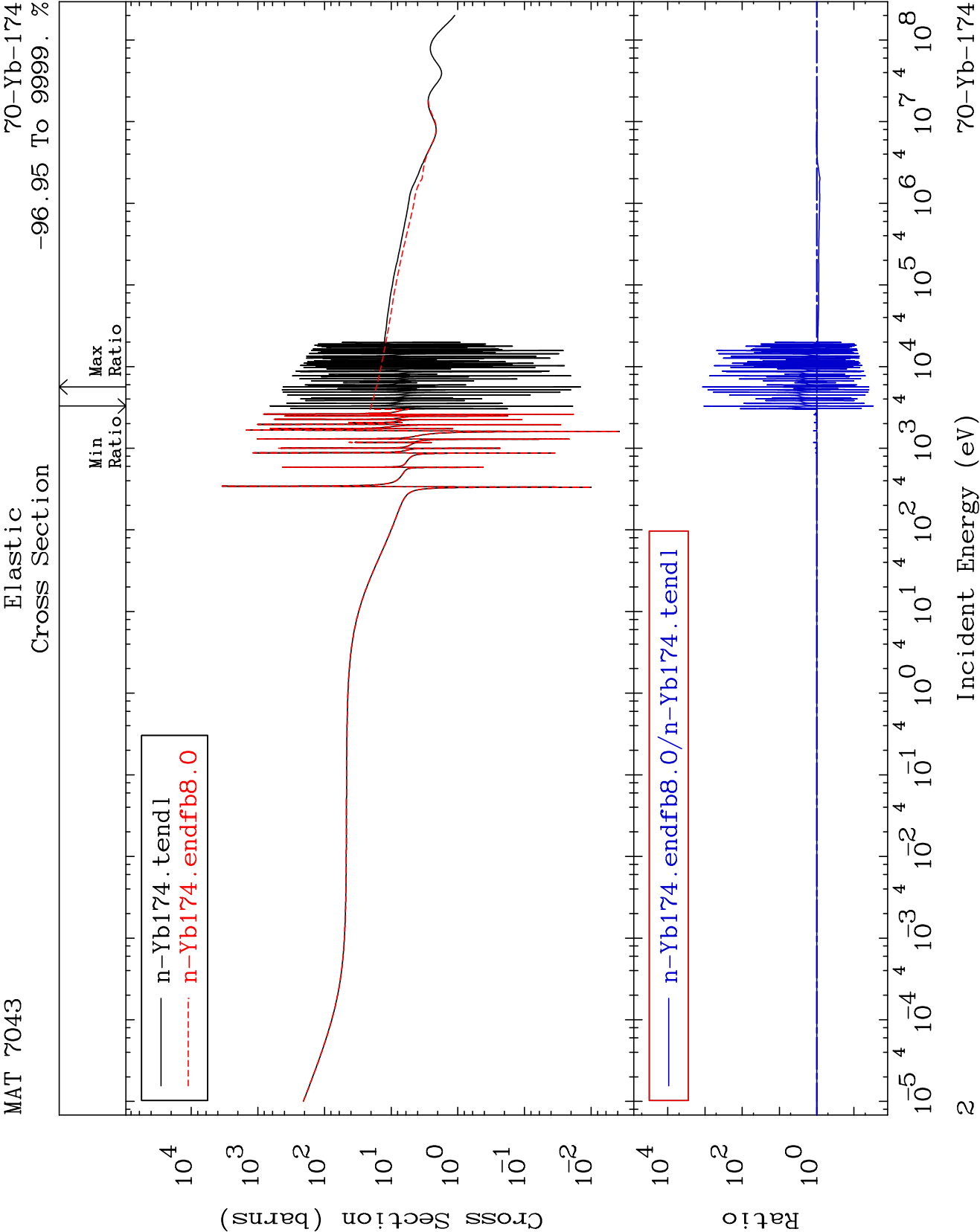
Cross Section

-96.94 To 9999. %



Incident Energy (eV)

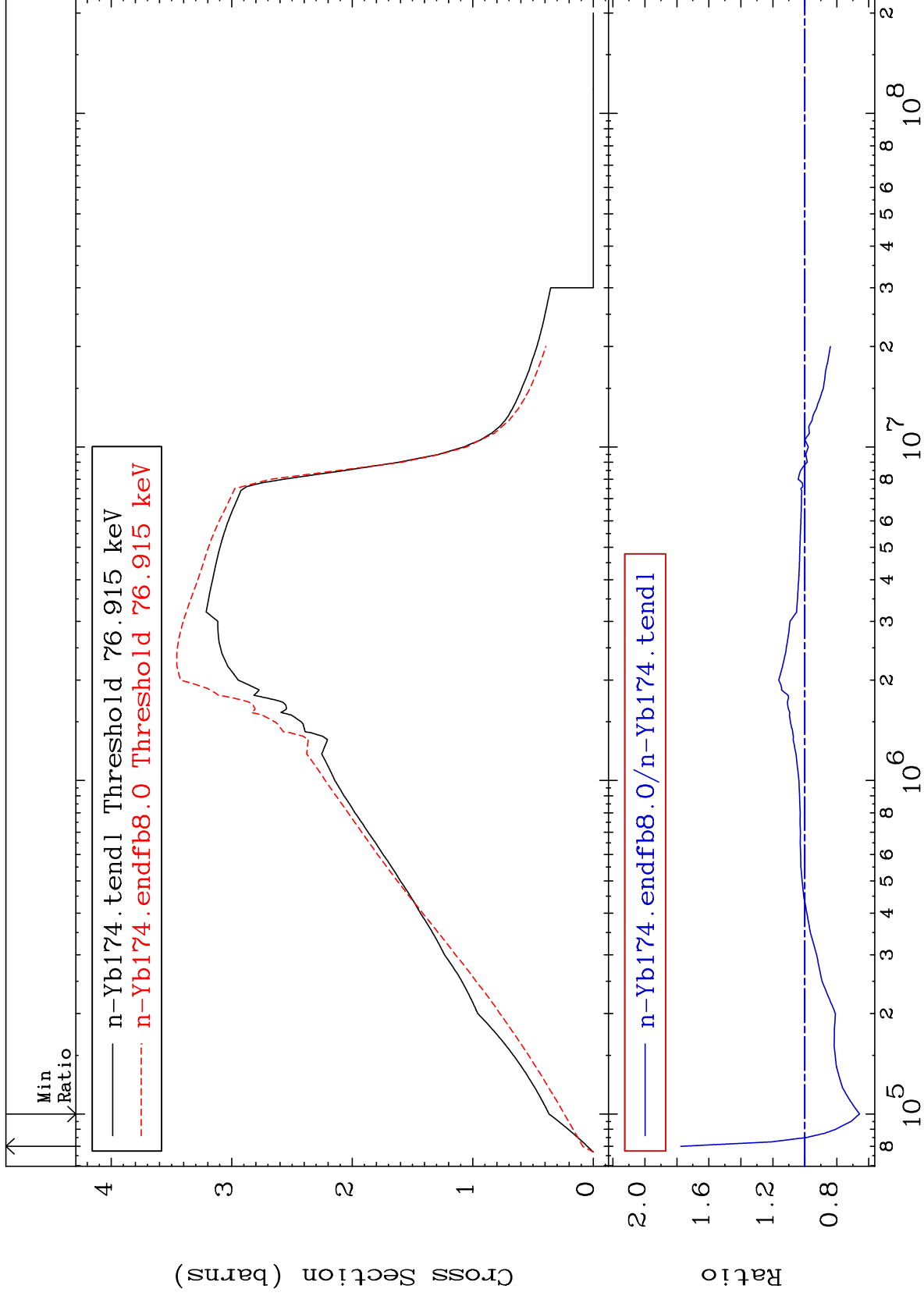
70-Yb-174

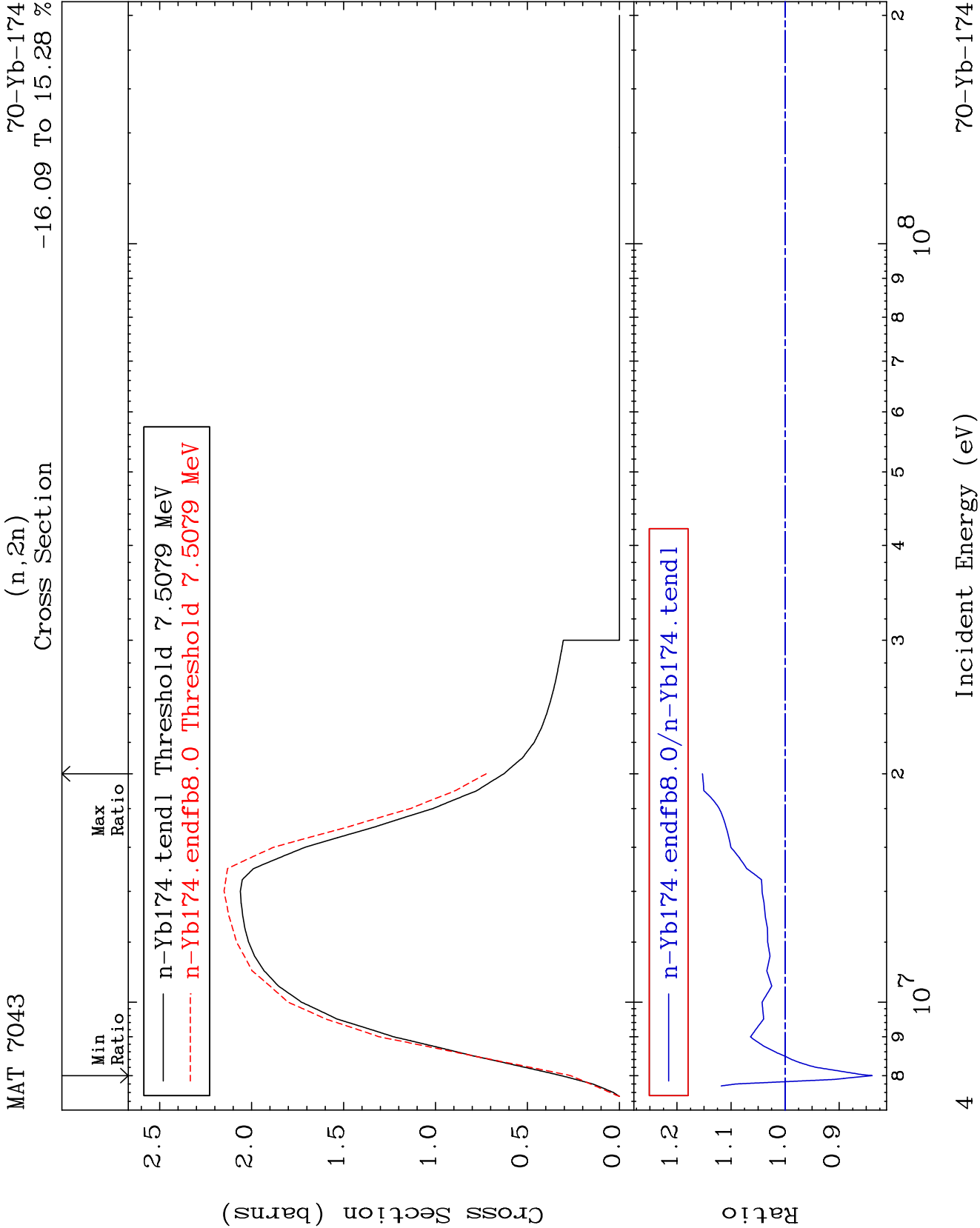


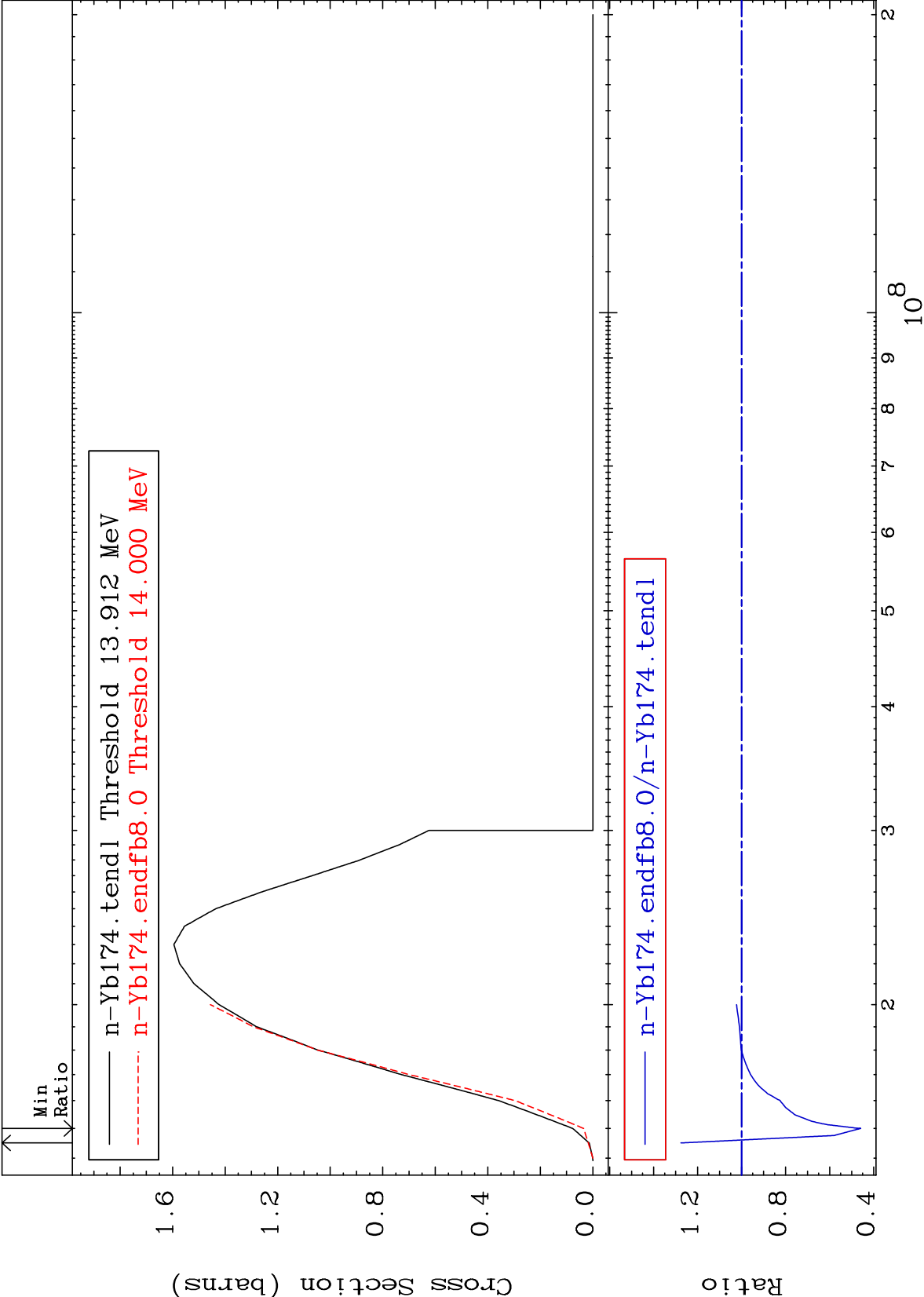
MAT 7043

Inelastic
Cross Section

⁷⁰Yb-174
-34.22 To 77.58 %



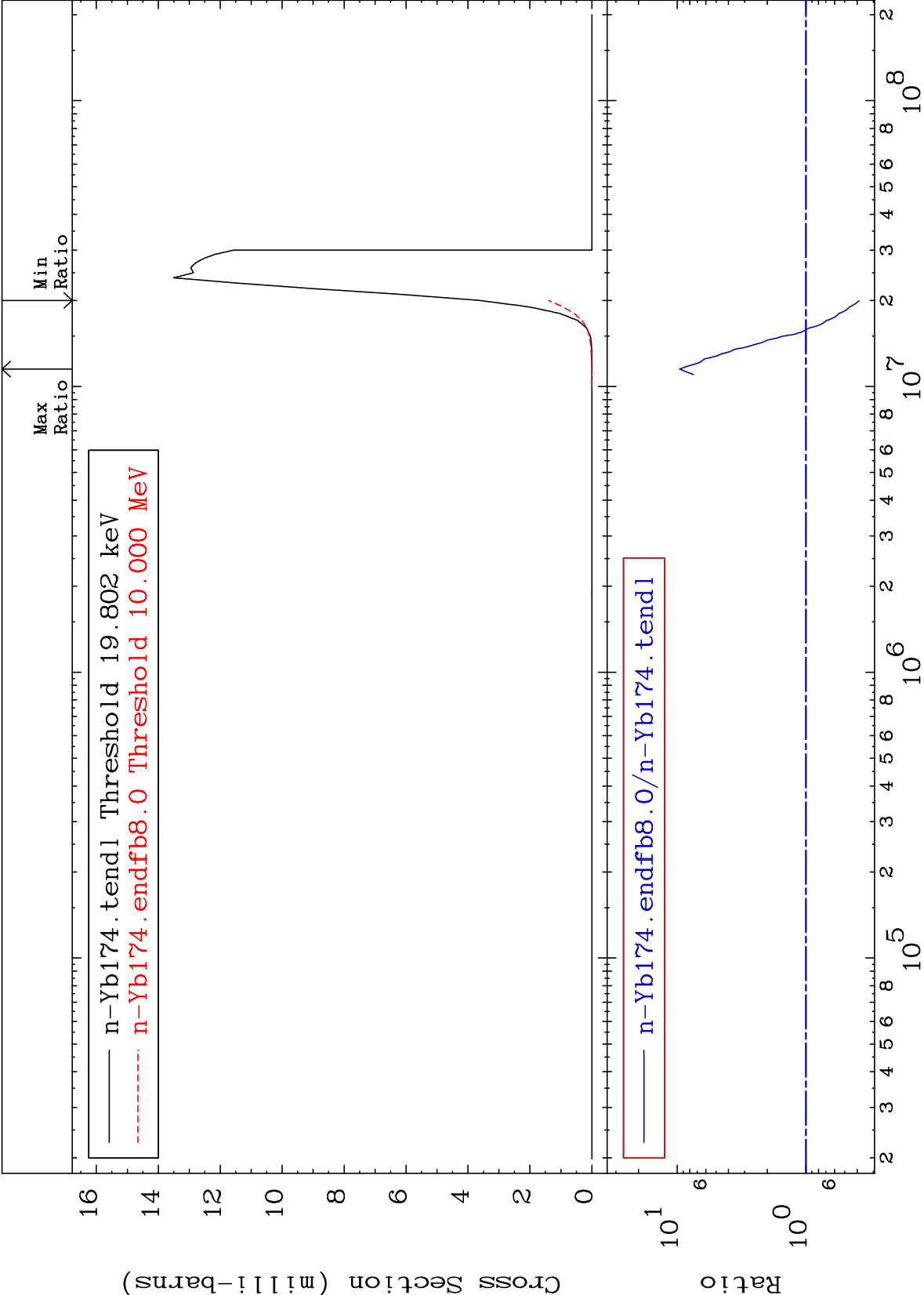




MAT 7043

$(n,n') \alpha$
Cross Section

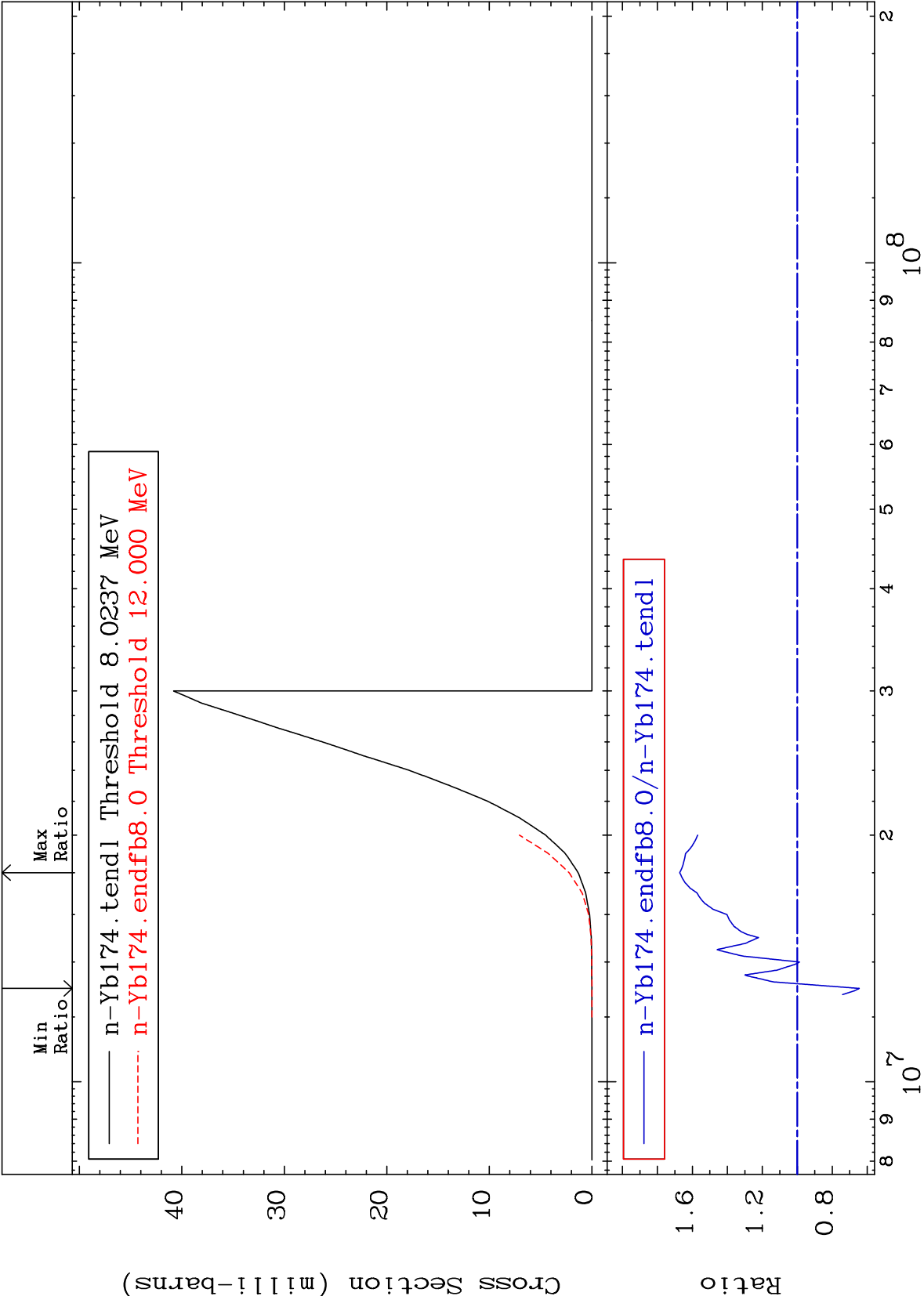
70-Yb-174
-61.46 To 856.9 %

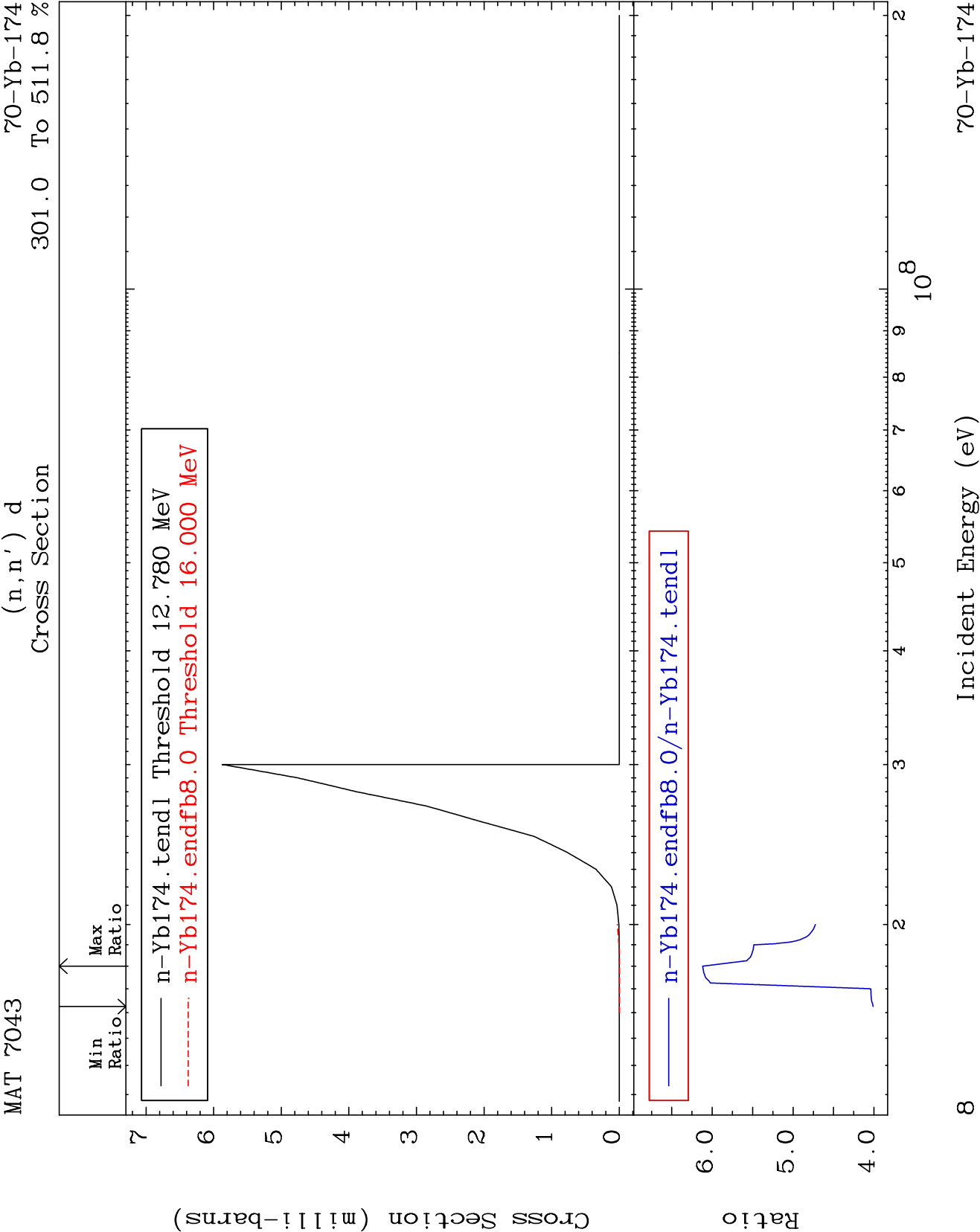


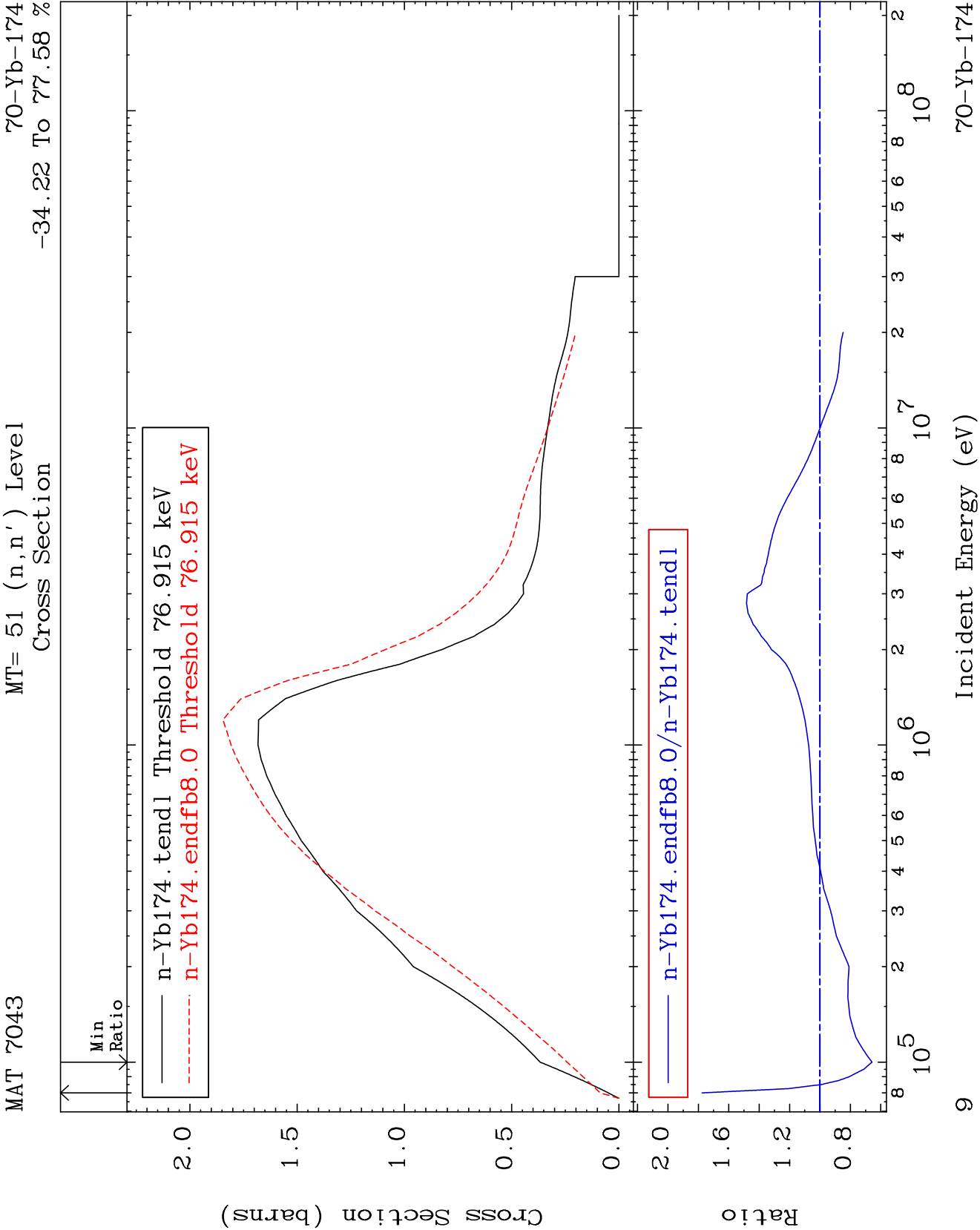
MAT 7043

(n,n') p
Cross Section

70-Yb-174
-35.45 To 67.22 %



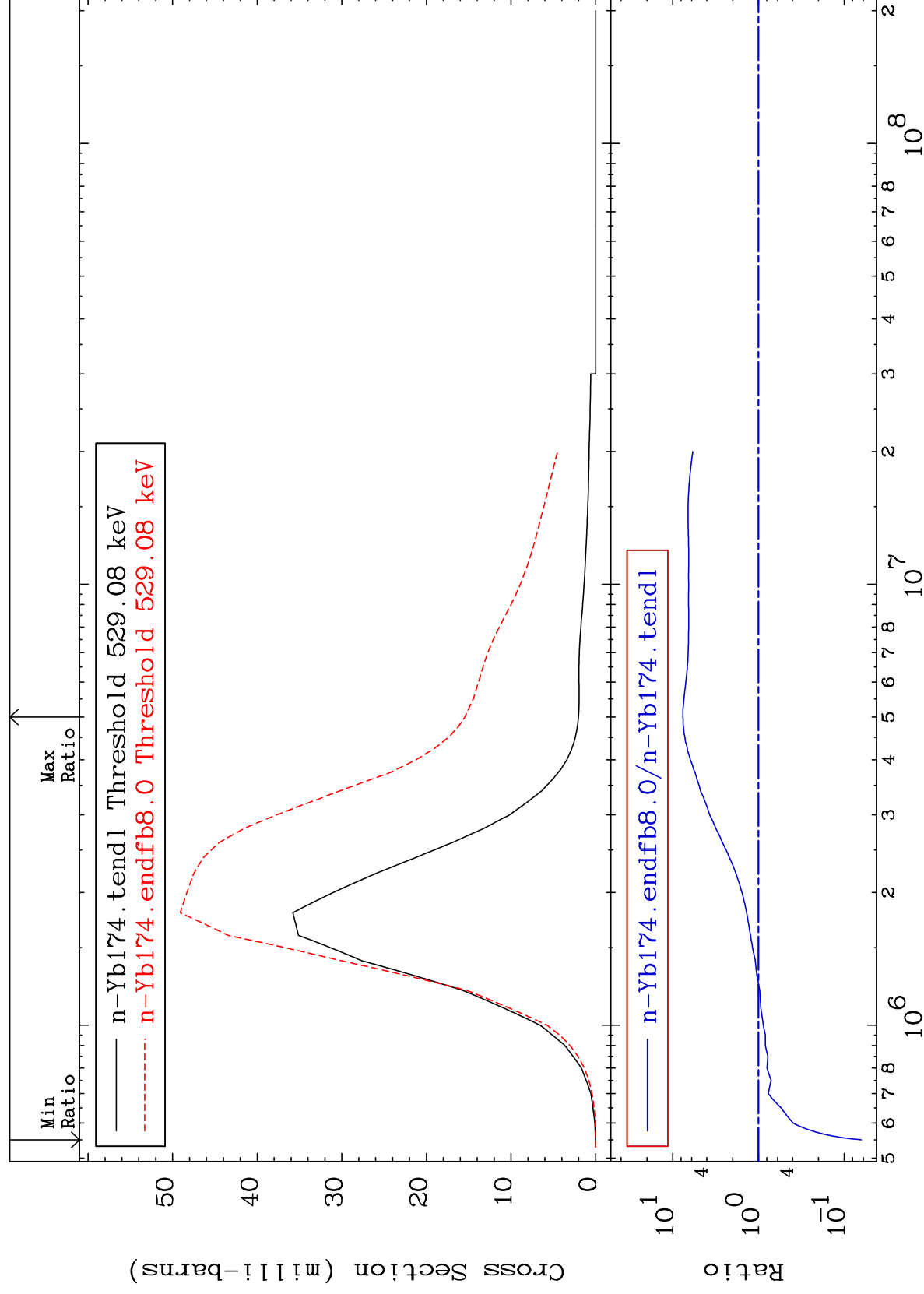




MAT 7043

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

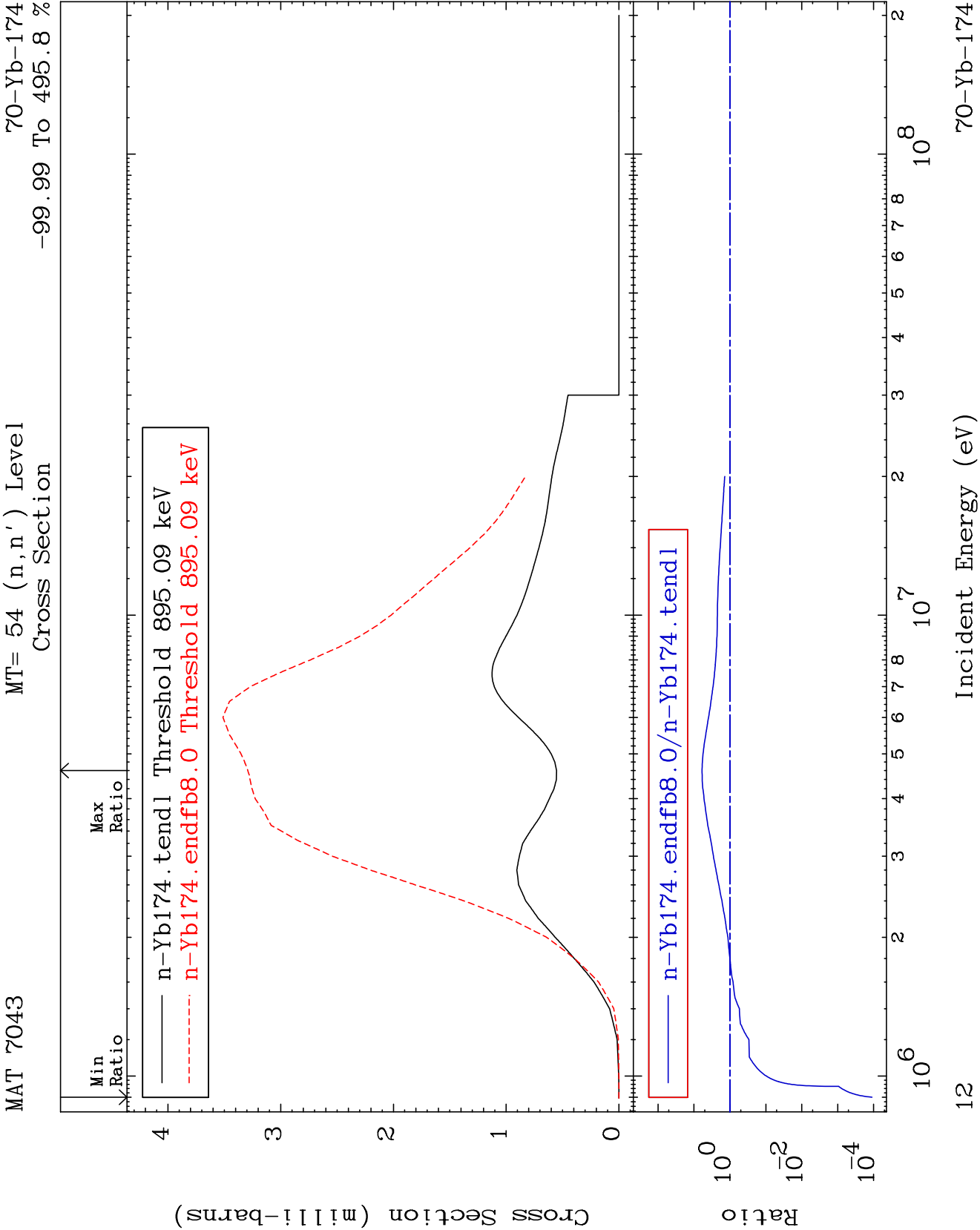
70-Yb-174
-93.67 To 659.4 %



11

Incident Energy (eV)

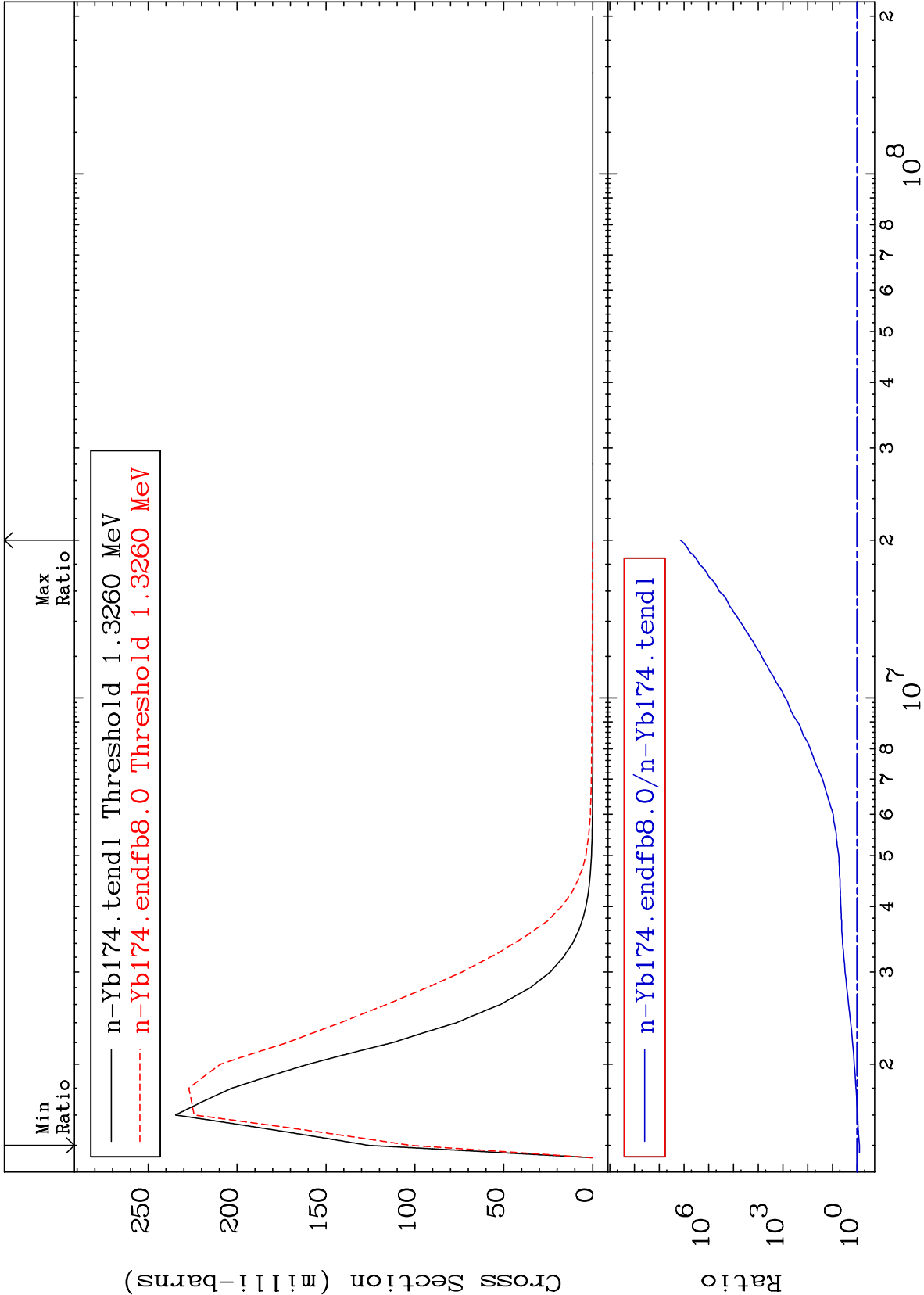
70-Yb-174



MAT 7043

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

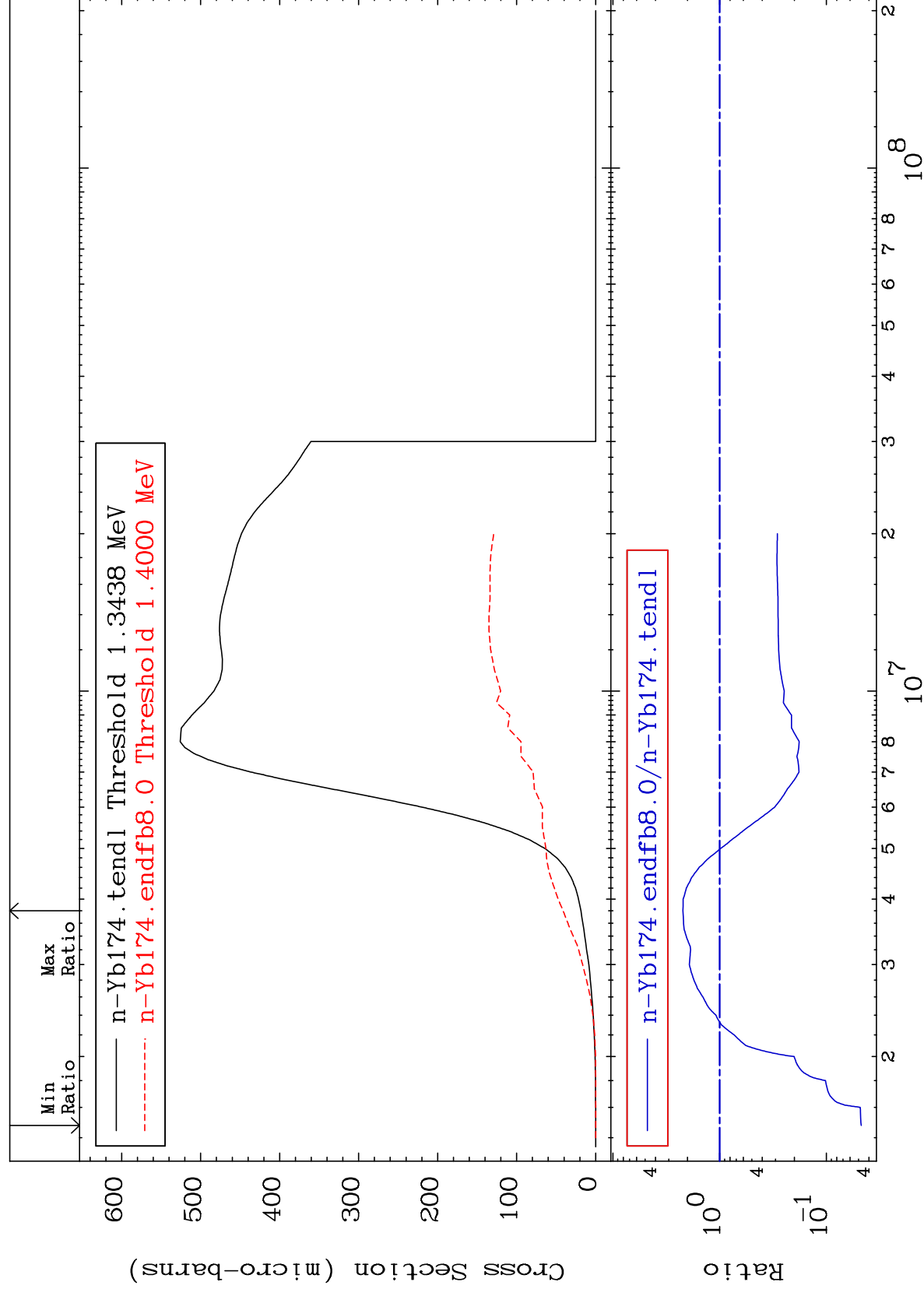
70-Yb-174
-18.82 To 9999. %



MAT 7043

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

70-Yb-174
-95.28 To 120.8 %



14

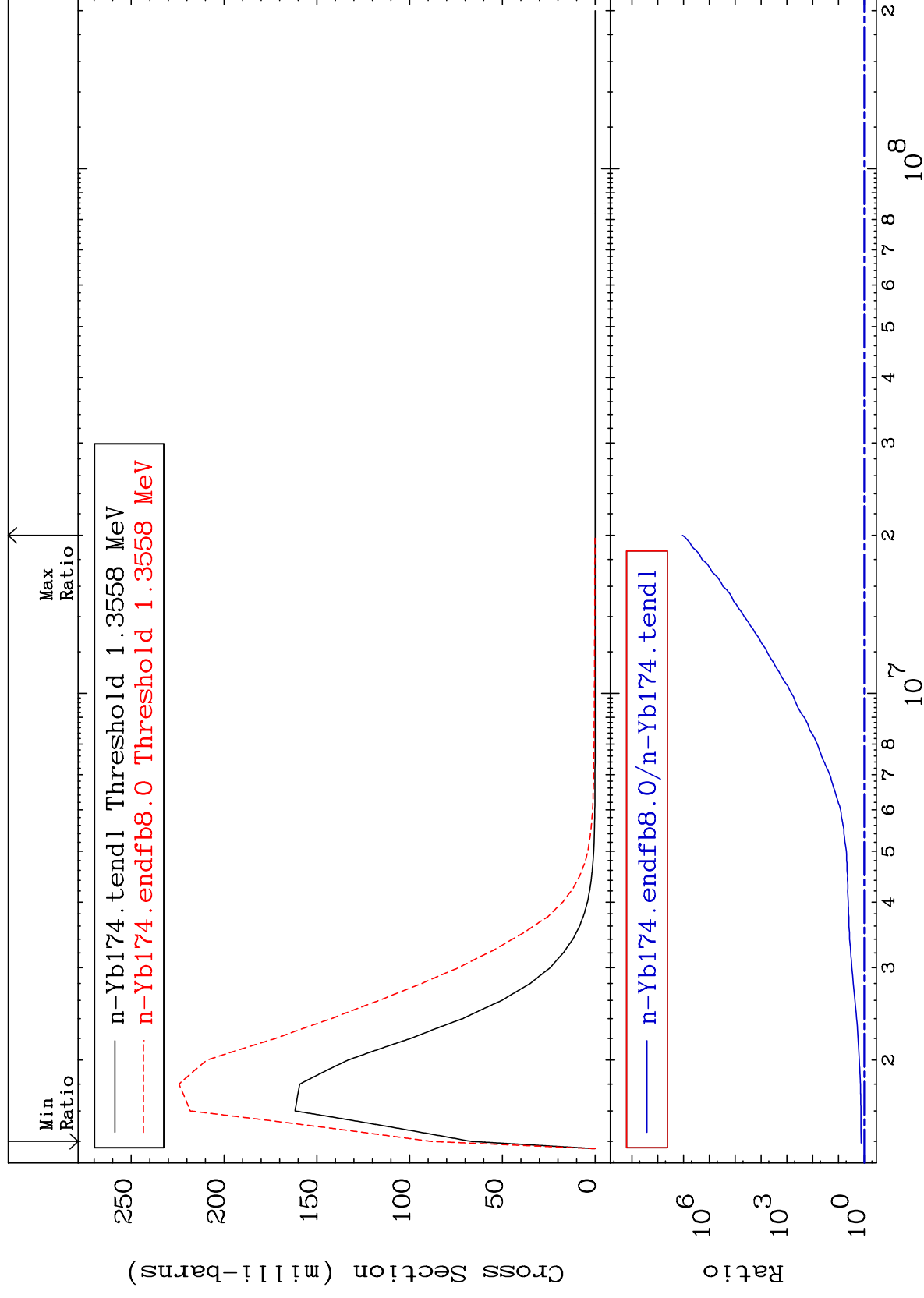
Incident Energy (eV)

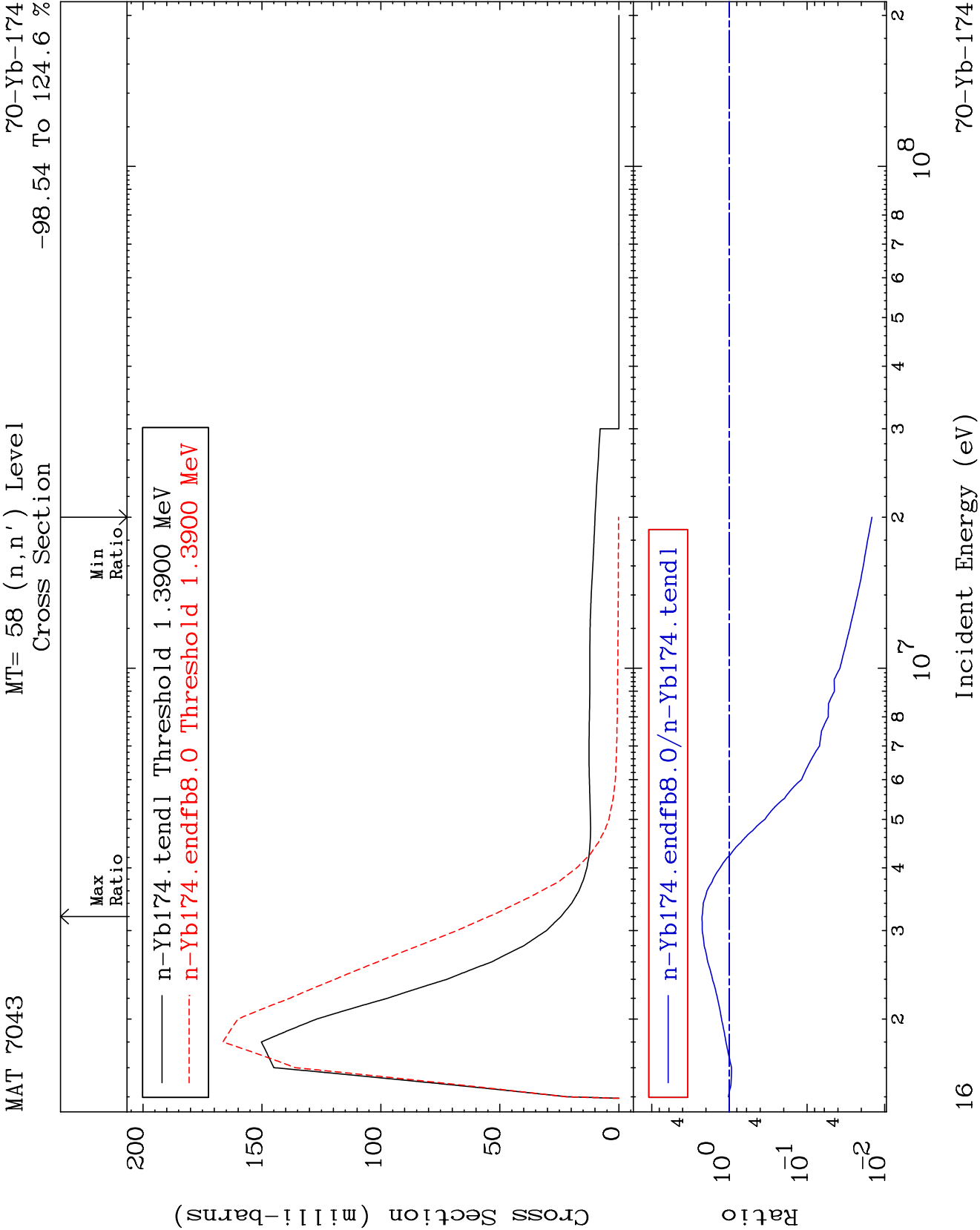
70-Yb-174

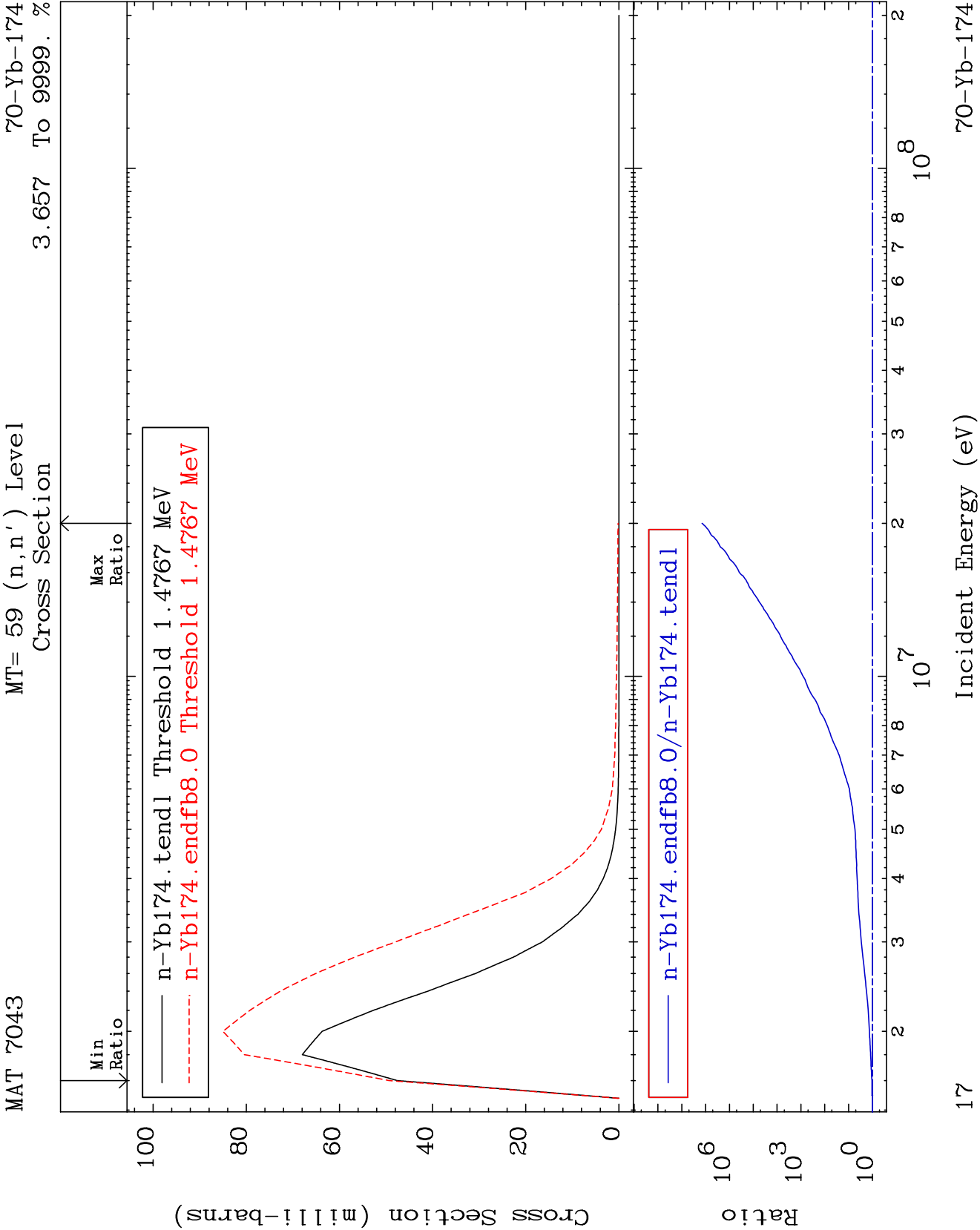
MAT 7043

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

70-Yb-174
32.24 To 9999. %



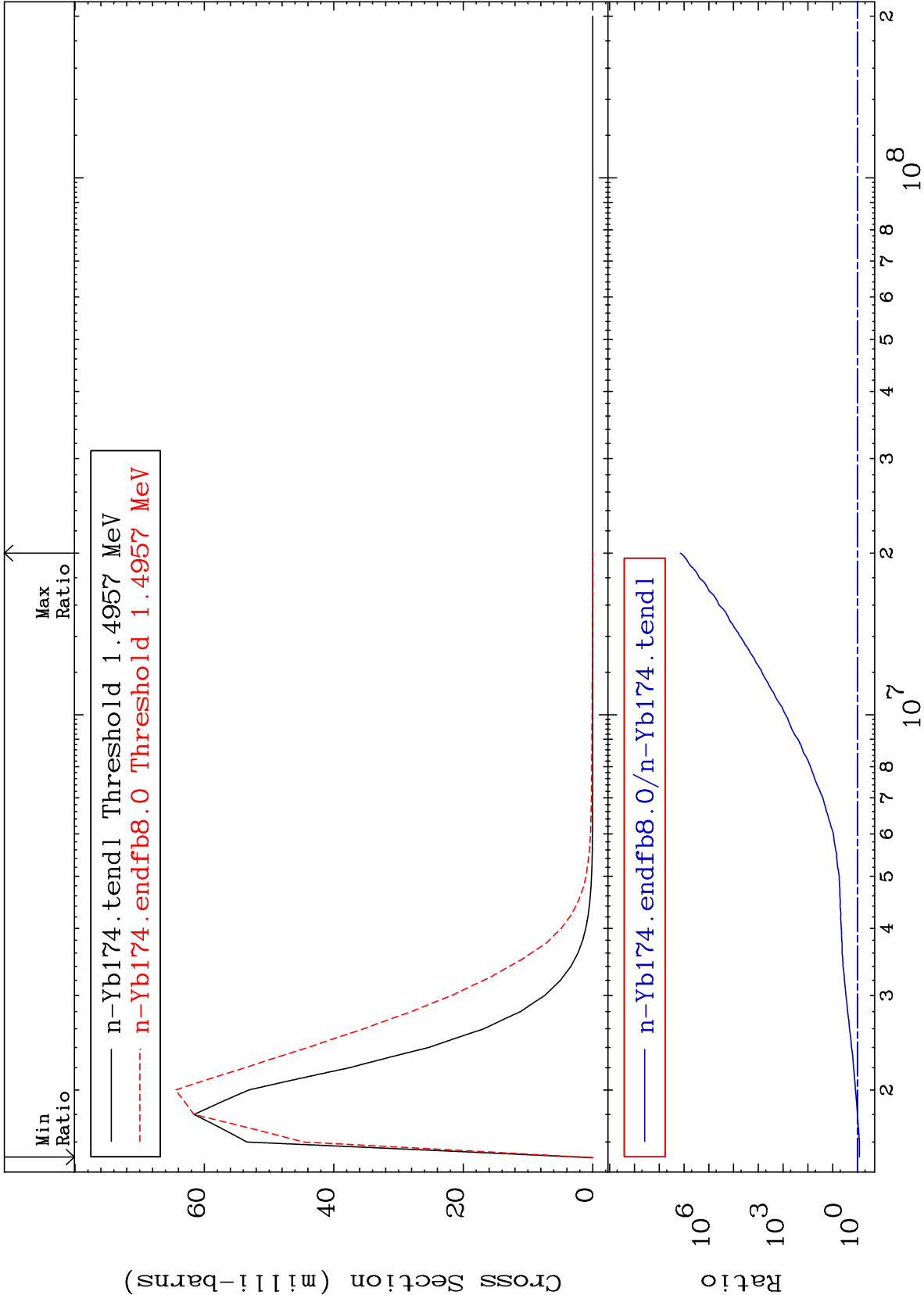




MAT 7043

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

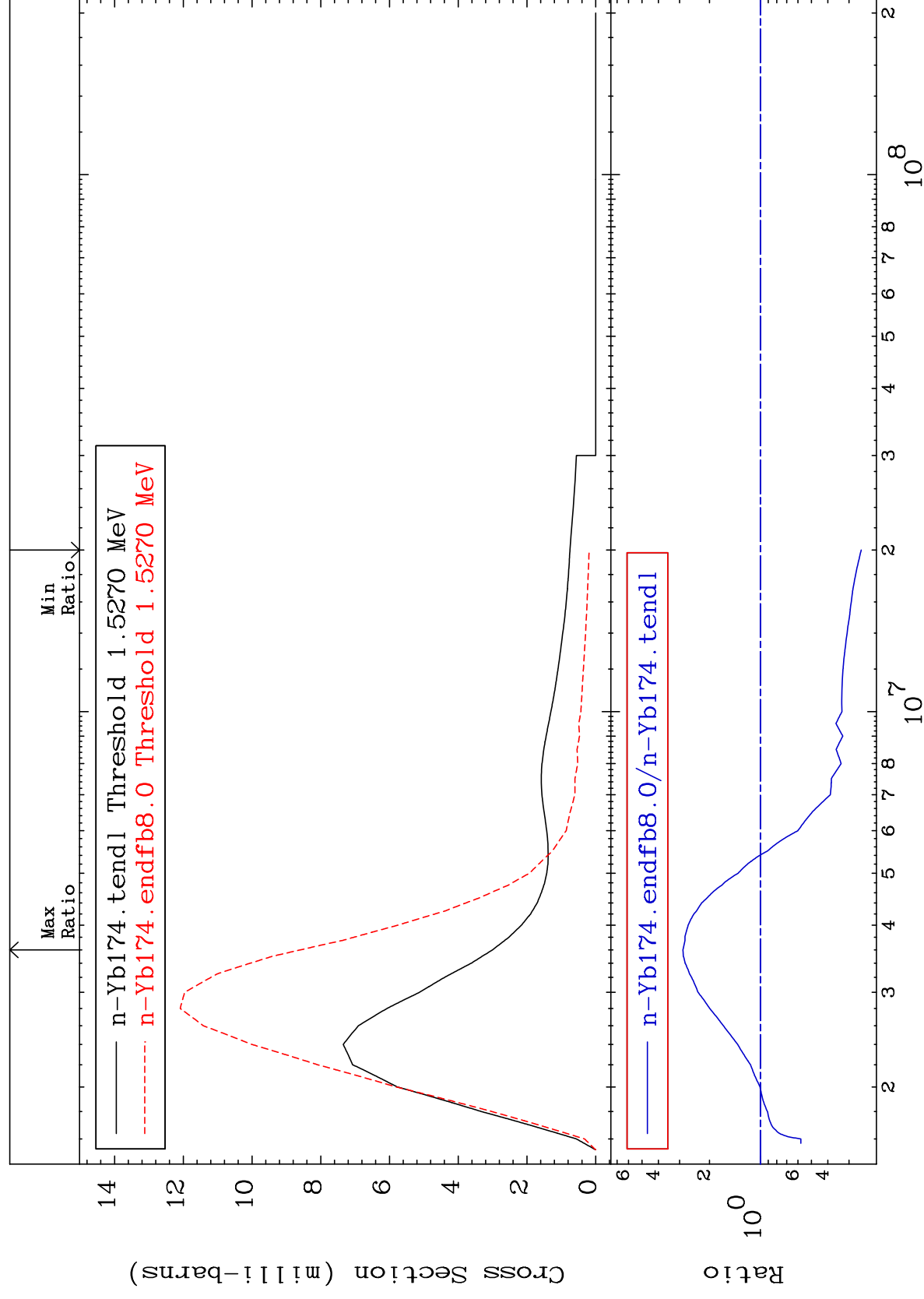
70-Yb-174
-16.41 To 9999. %



MAT 7043

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

70-Yb-174
-74.59 To 186.5 %



19

Incident Energy (eV)

70-Yb-174

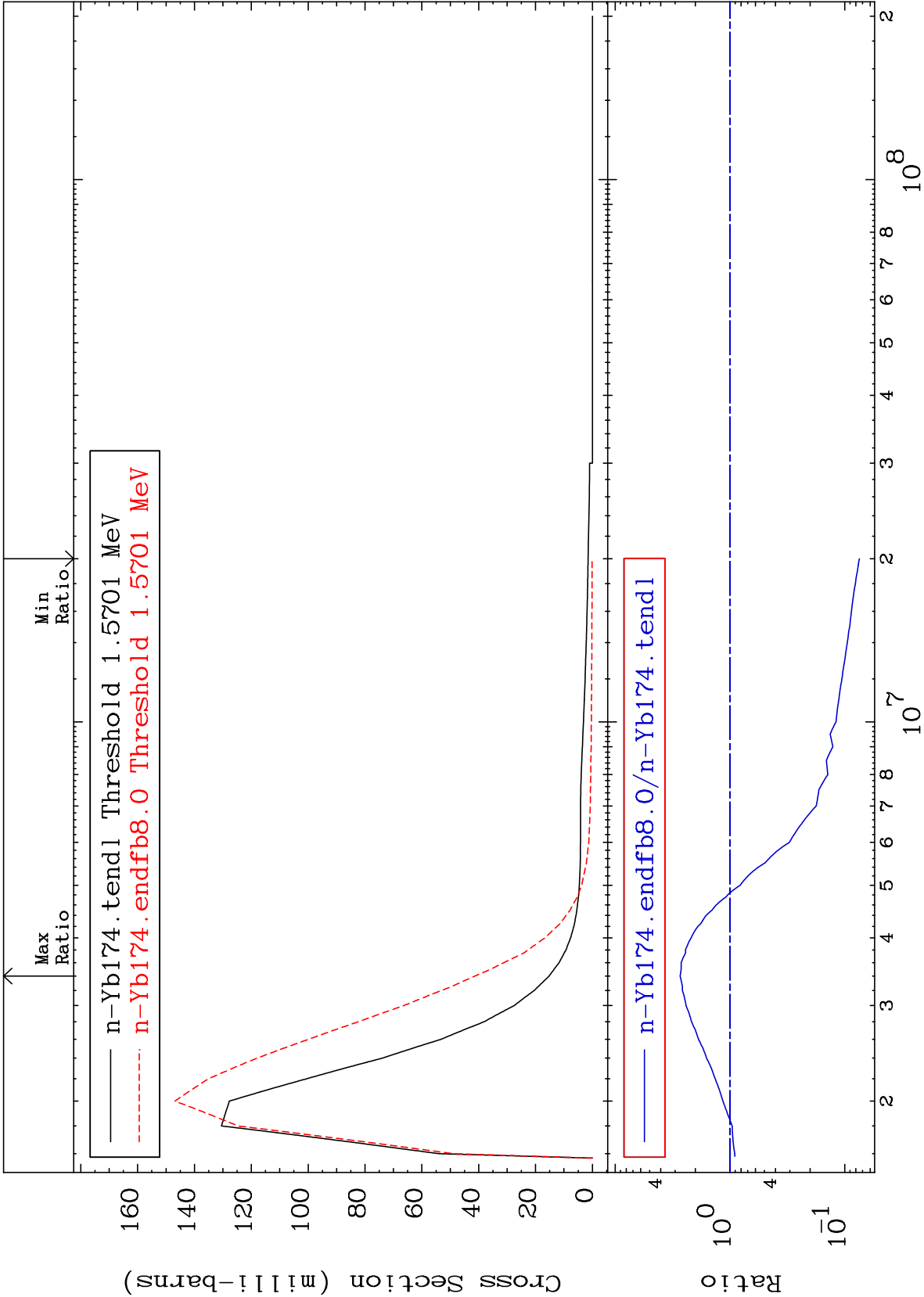
MAT 7043

MT= 62 (n,n') Level

⁷⁰Yb-¹⁷⁴

-92.55 To 171.2 %

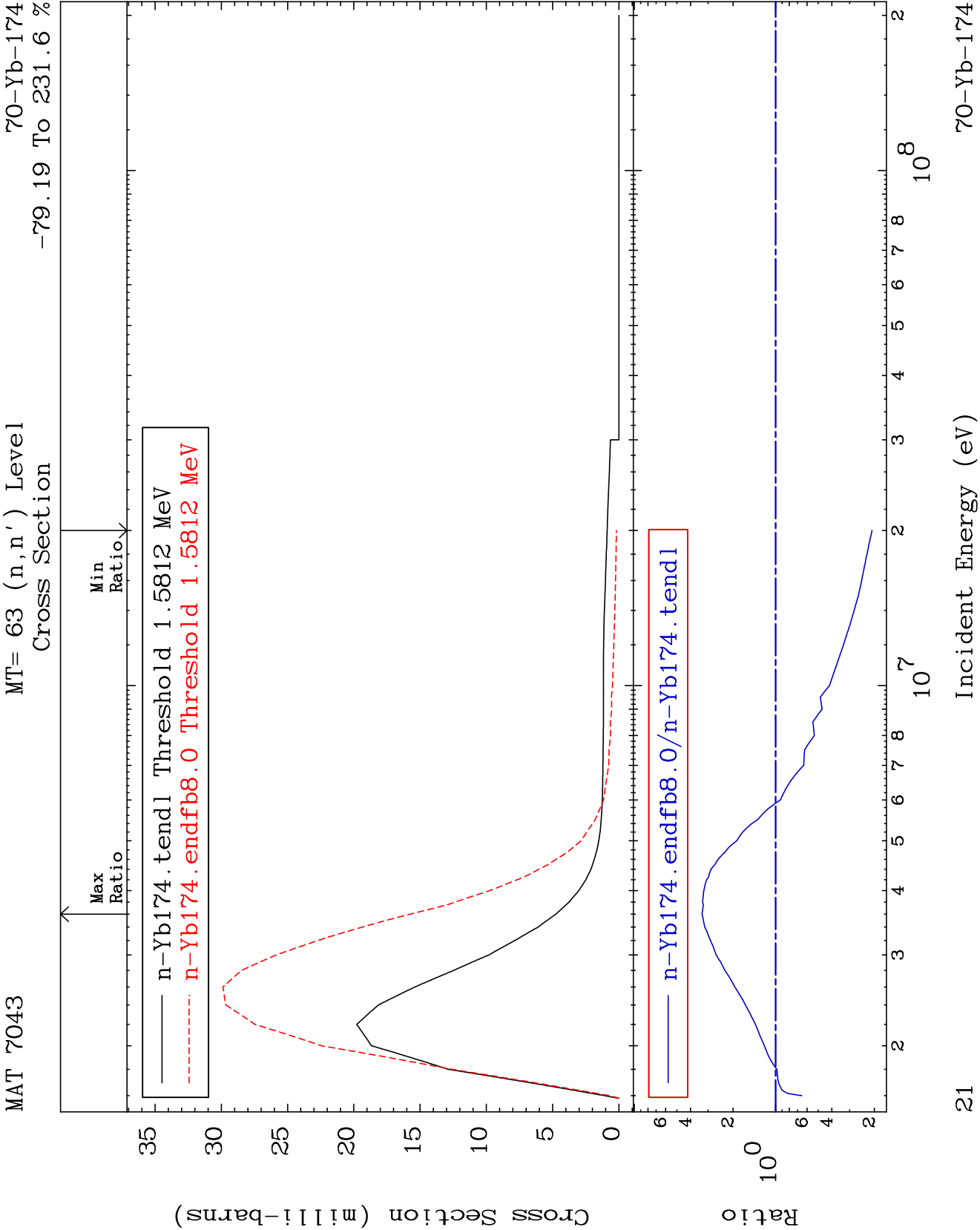
Cross Section

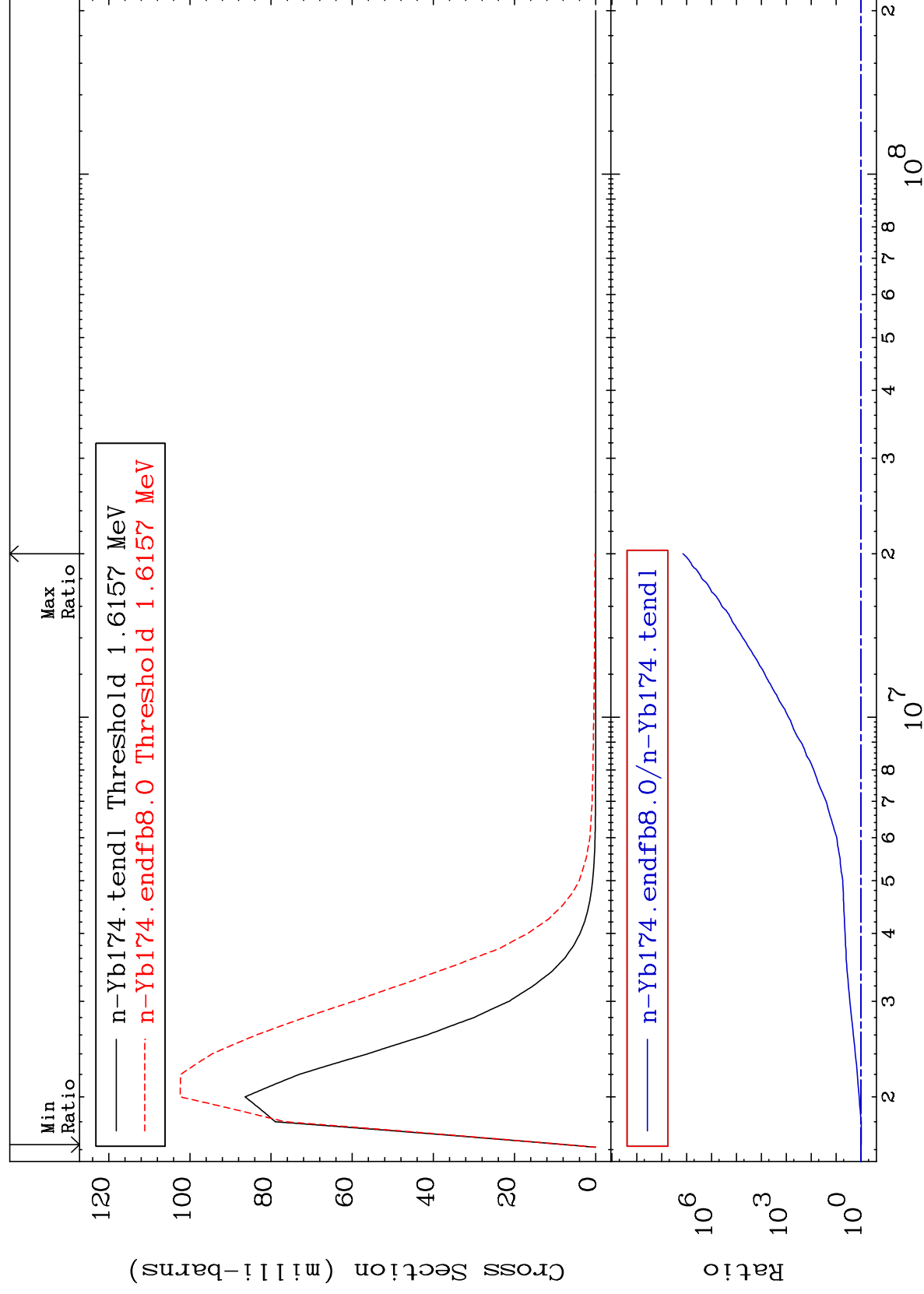


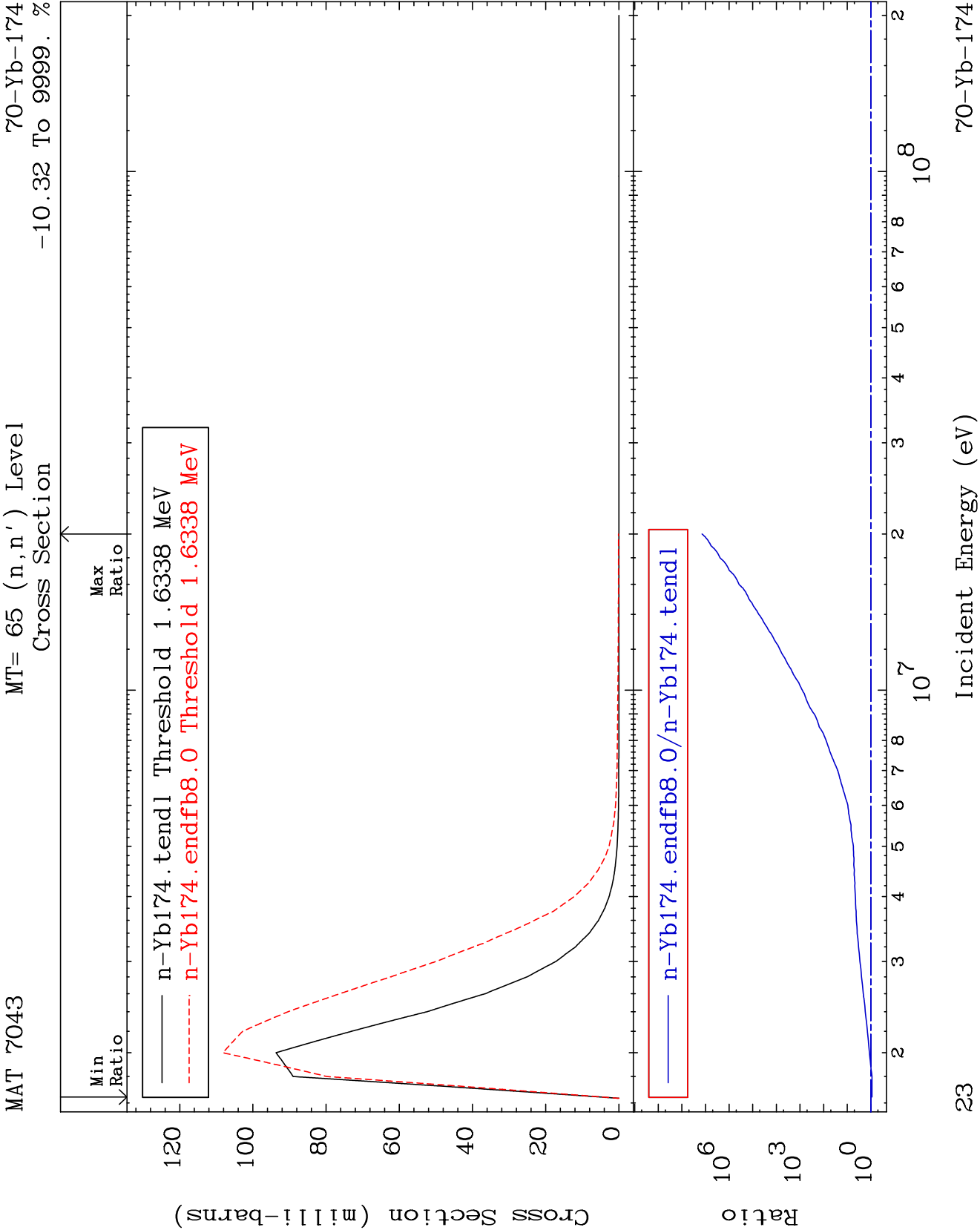
20

Incident Energy (eV)

⁷⁰Yb-¹⁷⁴







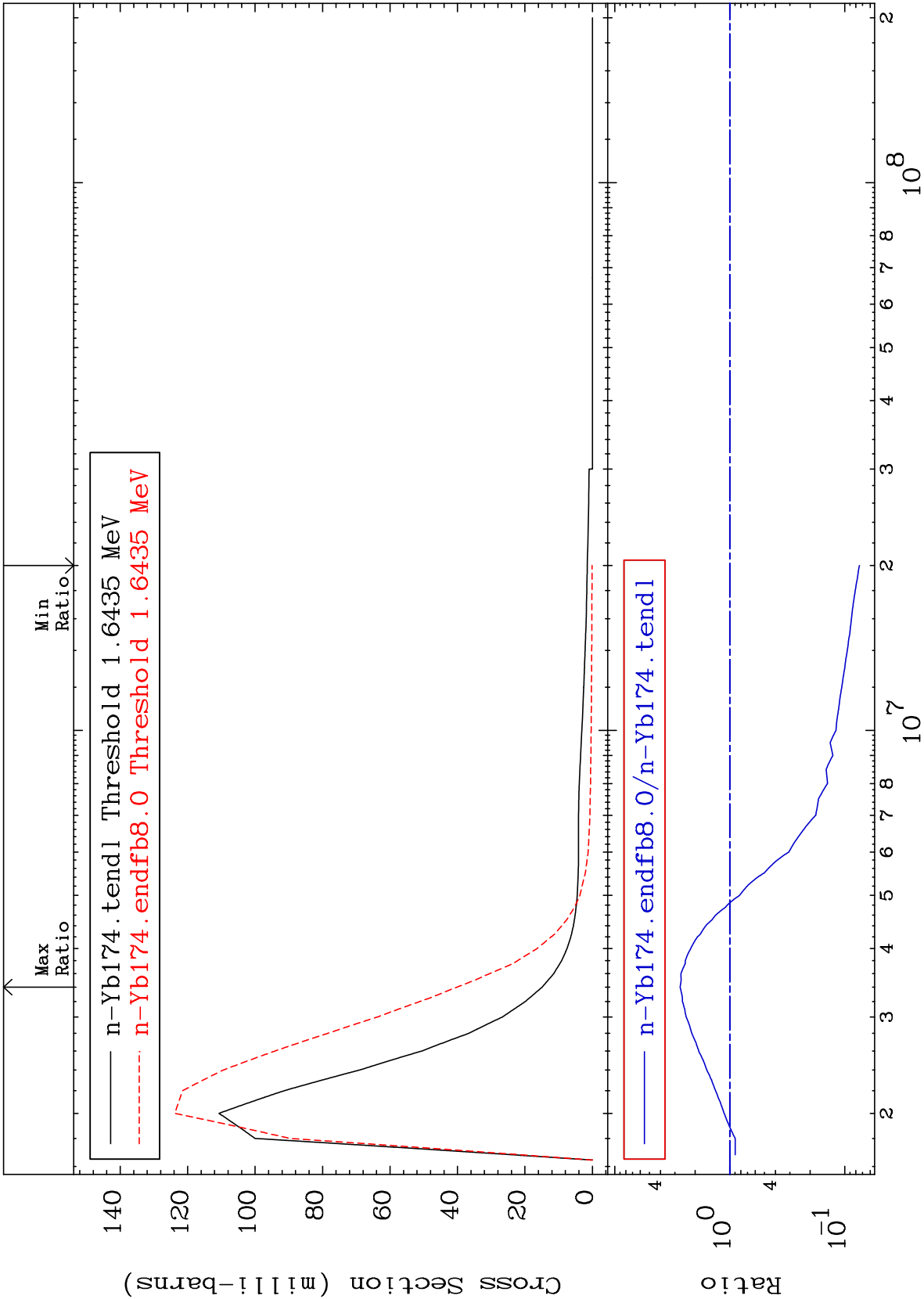
MAT 7043

MT= 66 (n,n') Level

⁷⁰Yb-¹⁷⁴

-92.54 To 170.0 %

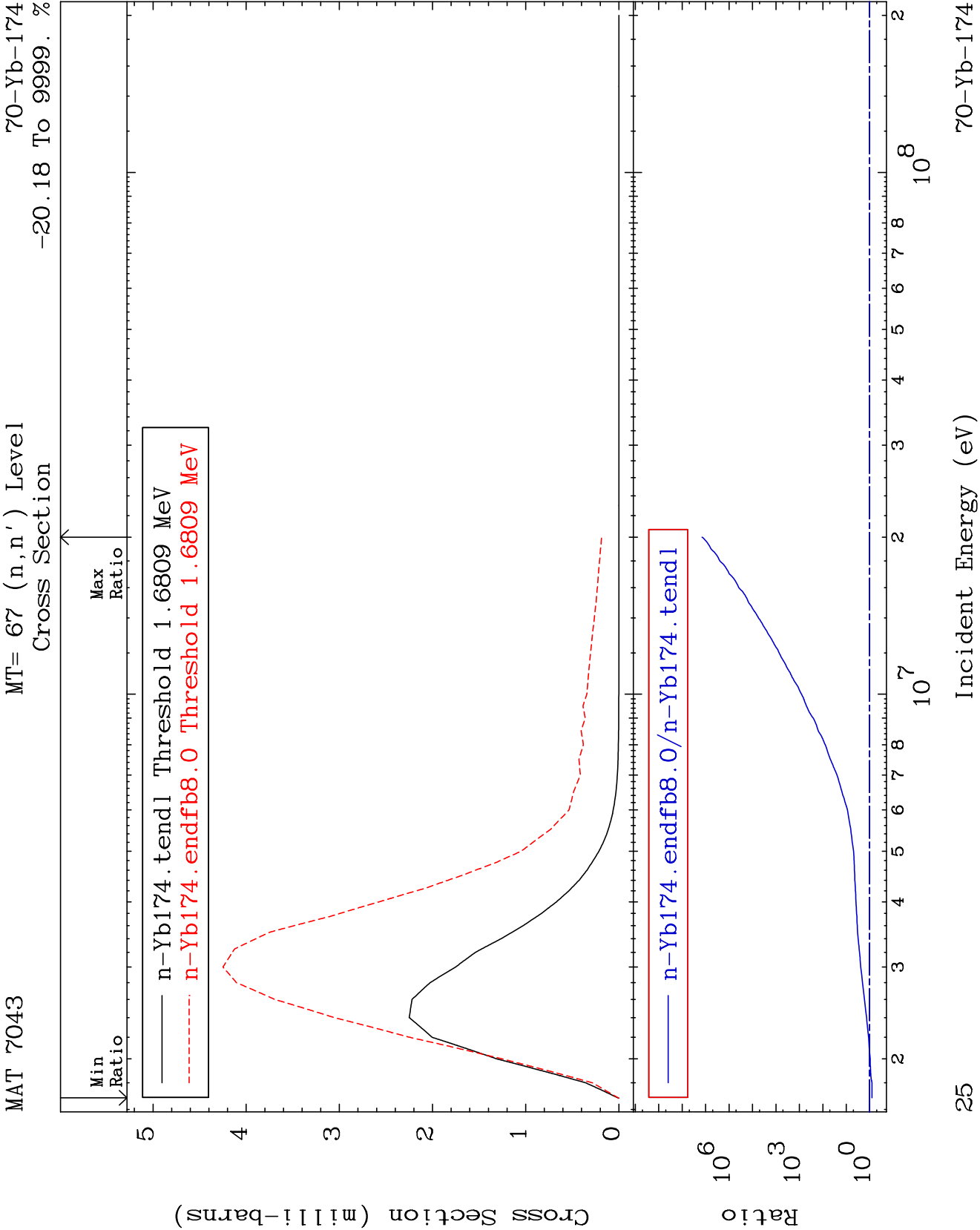
Cross Section



24

Incident Energy (eV)

⁷⁰Yb-¹⁷⁴



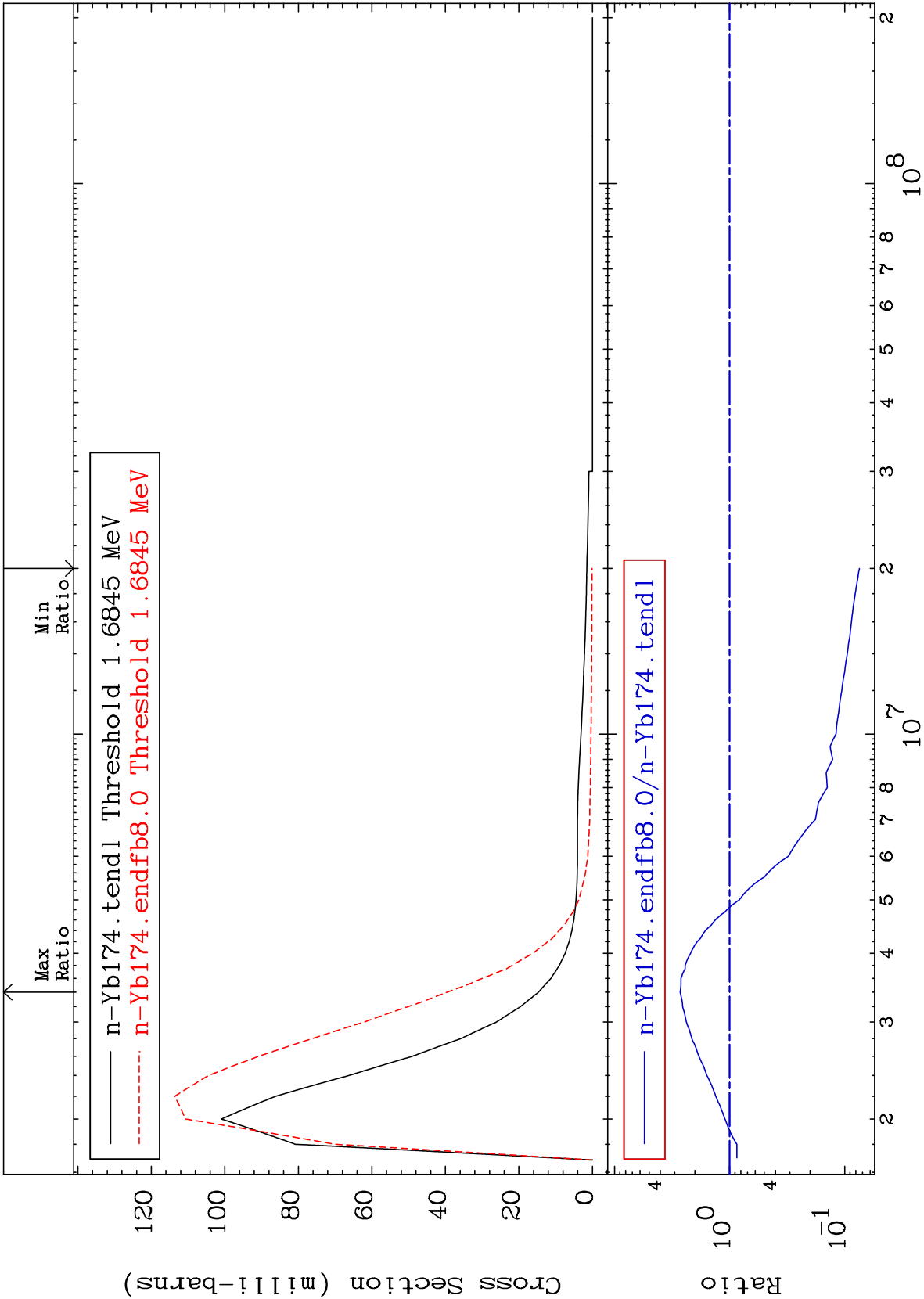
MAT 7043

MT= 68 (n,n') Level

⁷⁰Yb-174

-92.53 To 169.2 %

Cross Section



26

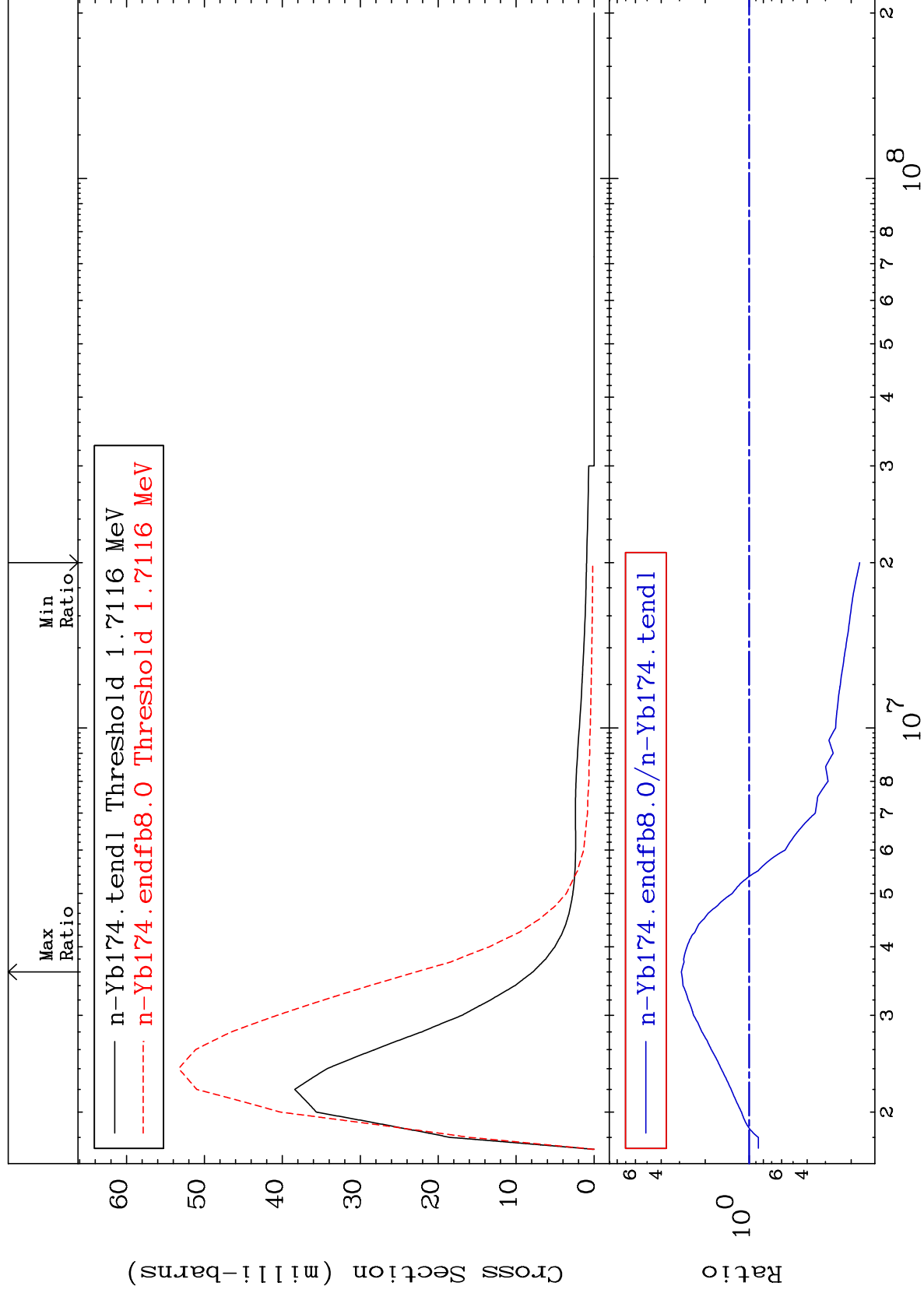
Incident Energy (eV)

⁷⁰Yb-174

MAT 7043

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

⁷⁰Yb-174
-82.51 To 191.0 %



27

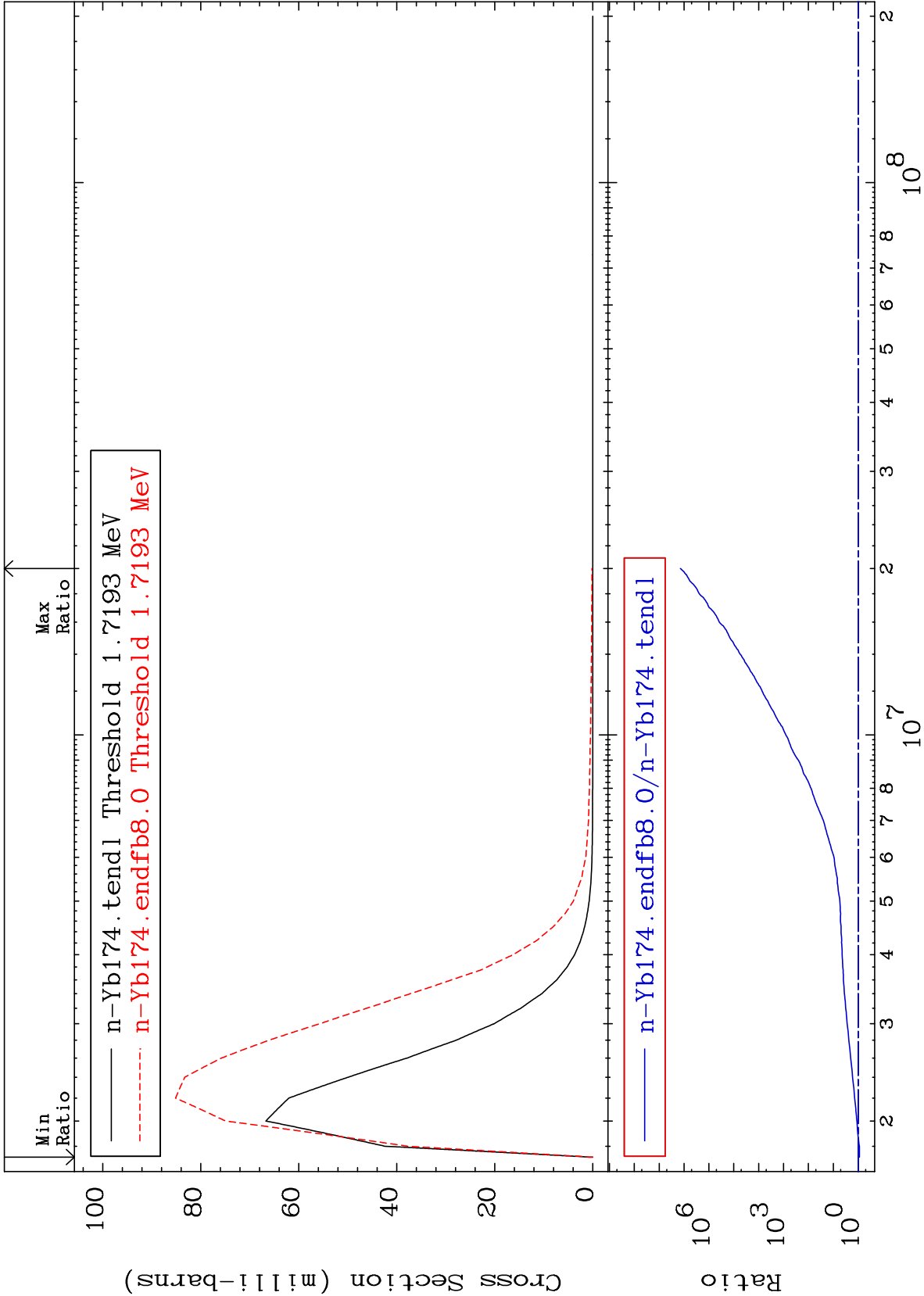
Incident Energy (eV)

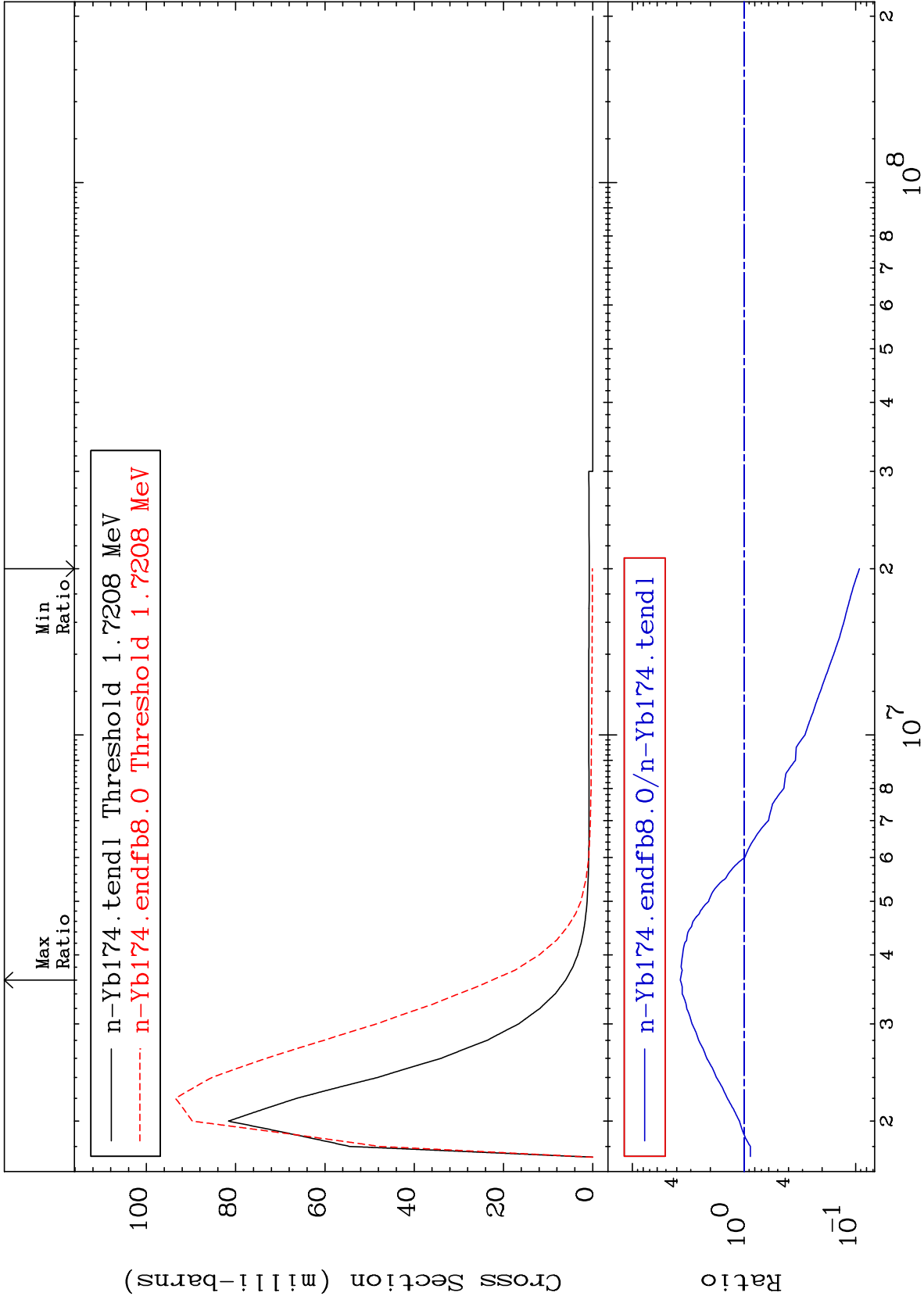
⁷⁰Yb-174

MAT 7043

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

70-Yb-174
-11.28 To 9999. %

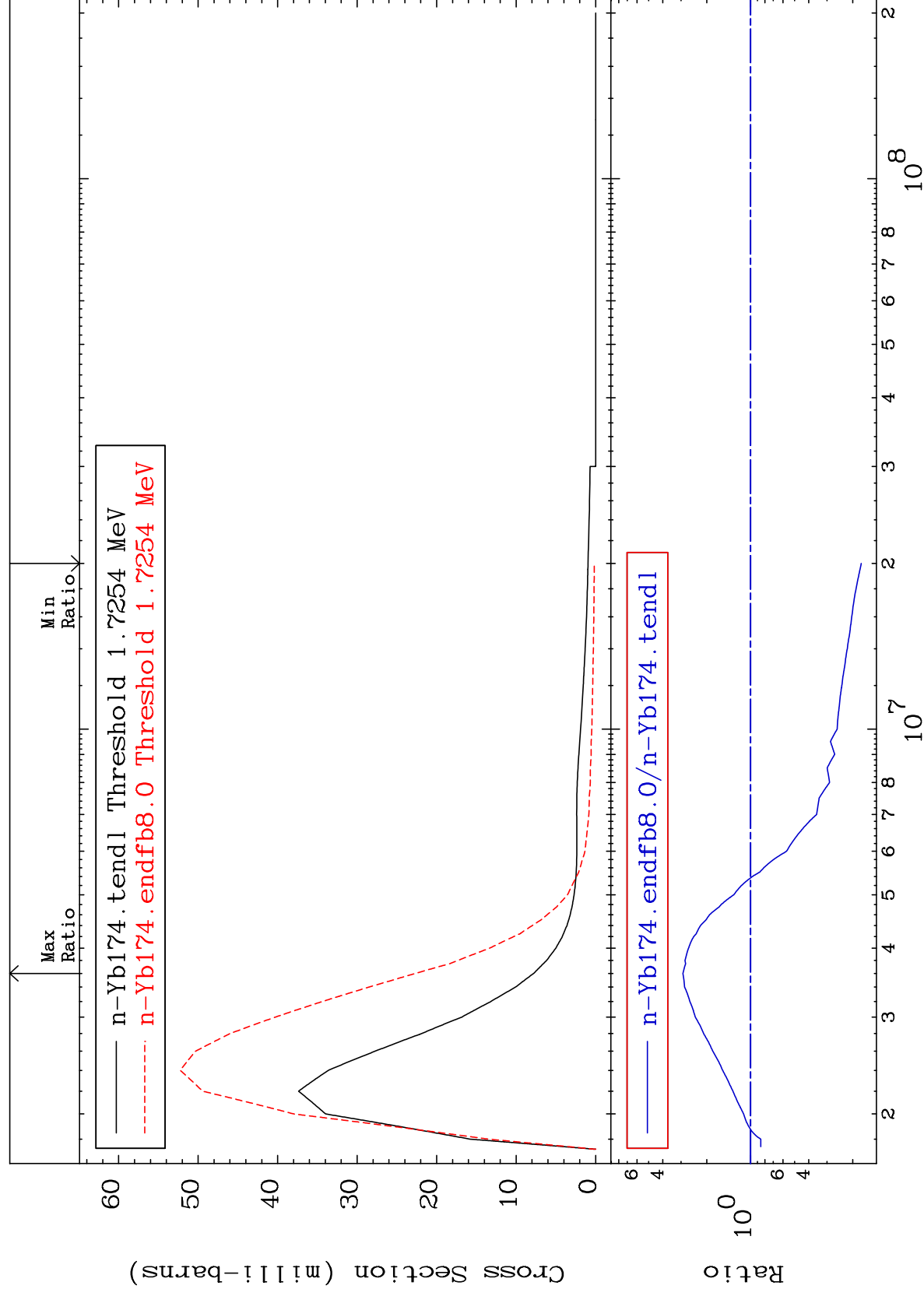




MAT 7043

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

70-Yb-174
-82.51 To 190.8 %



30

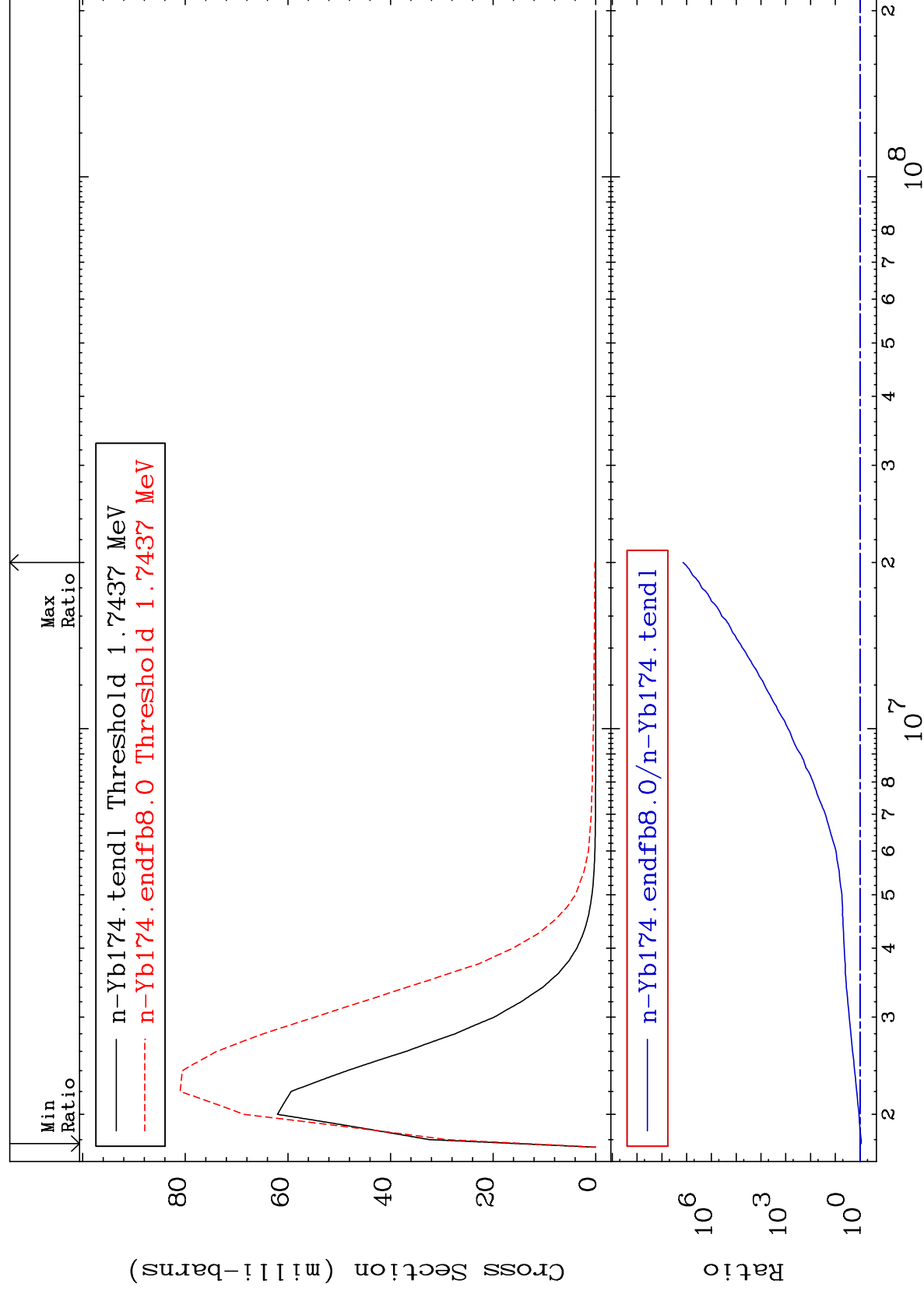
Incident Energy (eV)

70-Yb-174

MAT 7043

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

70-Yb-174
-10.50 To 9999. %



31

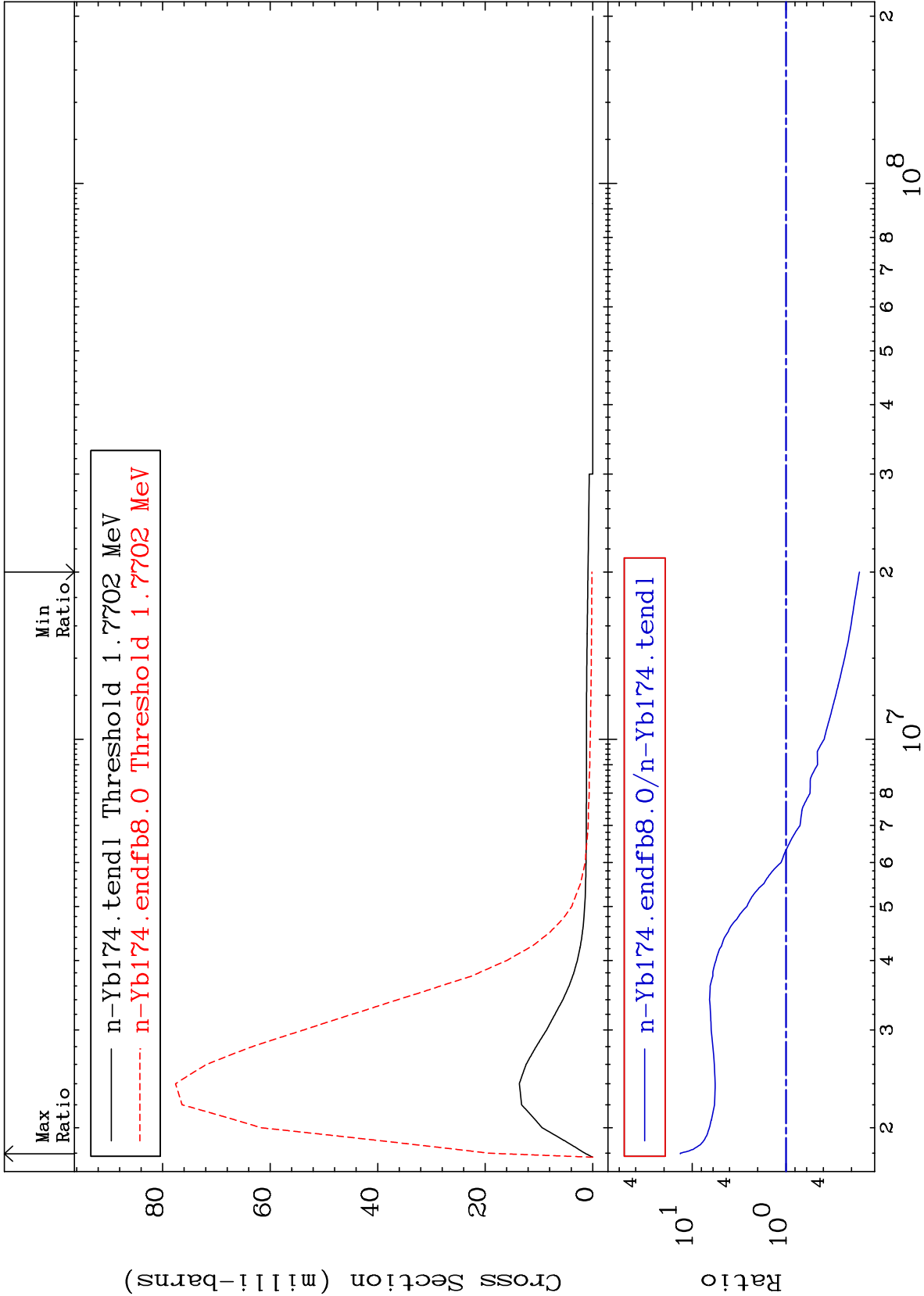
Incident Energy (eV)

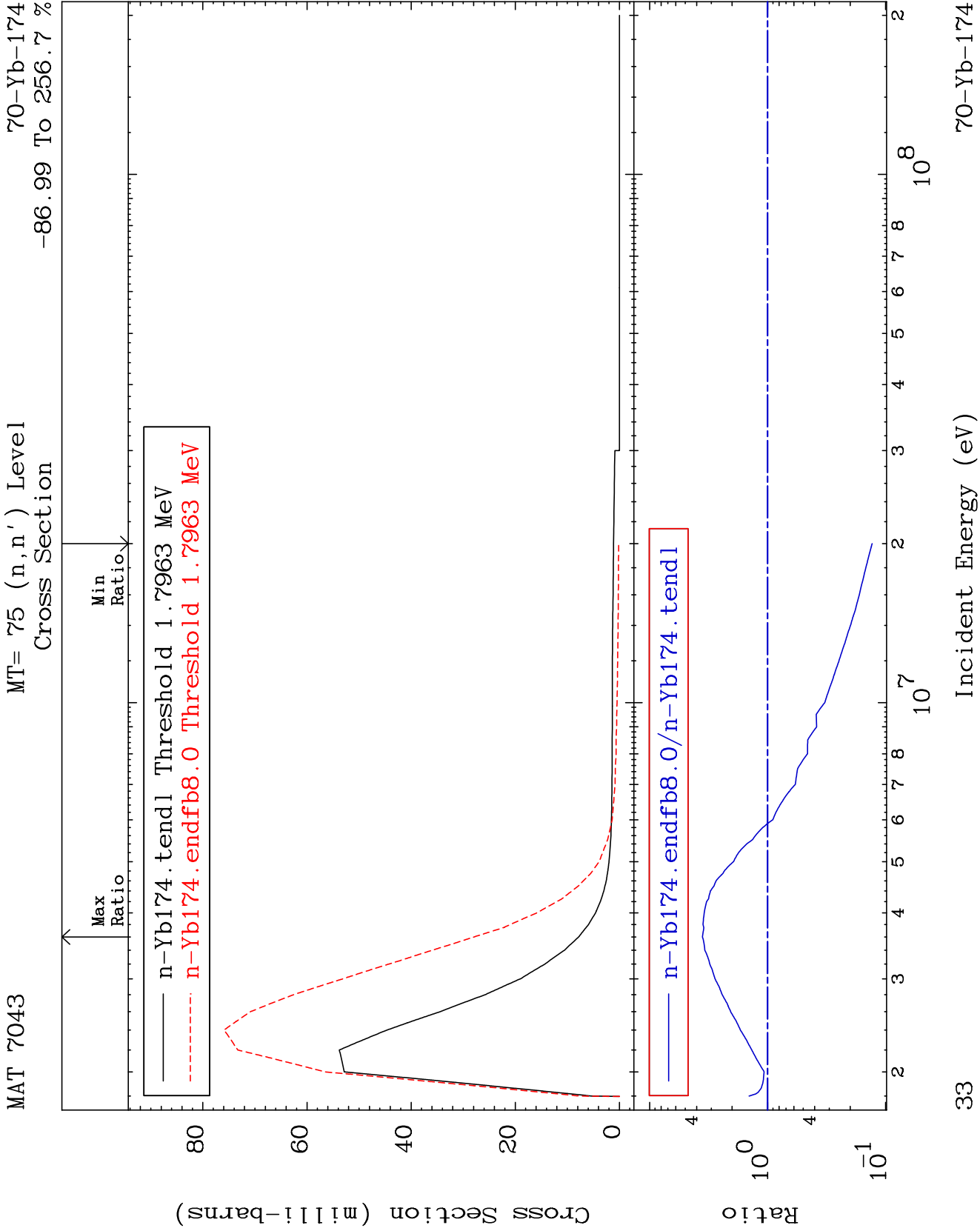
70-Yb-174

MAT 7043

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

70-Yb-174
-83.55 To 1237. %

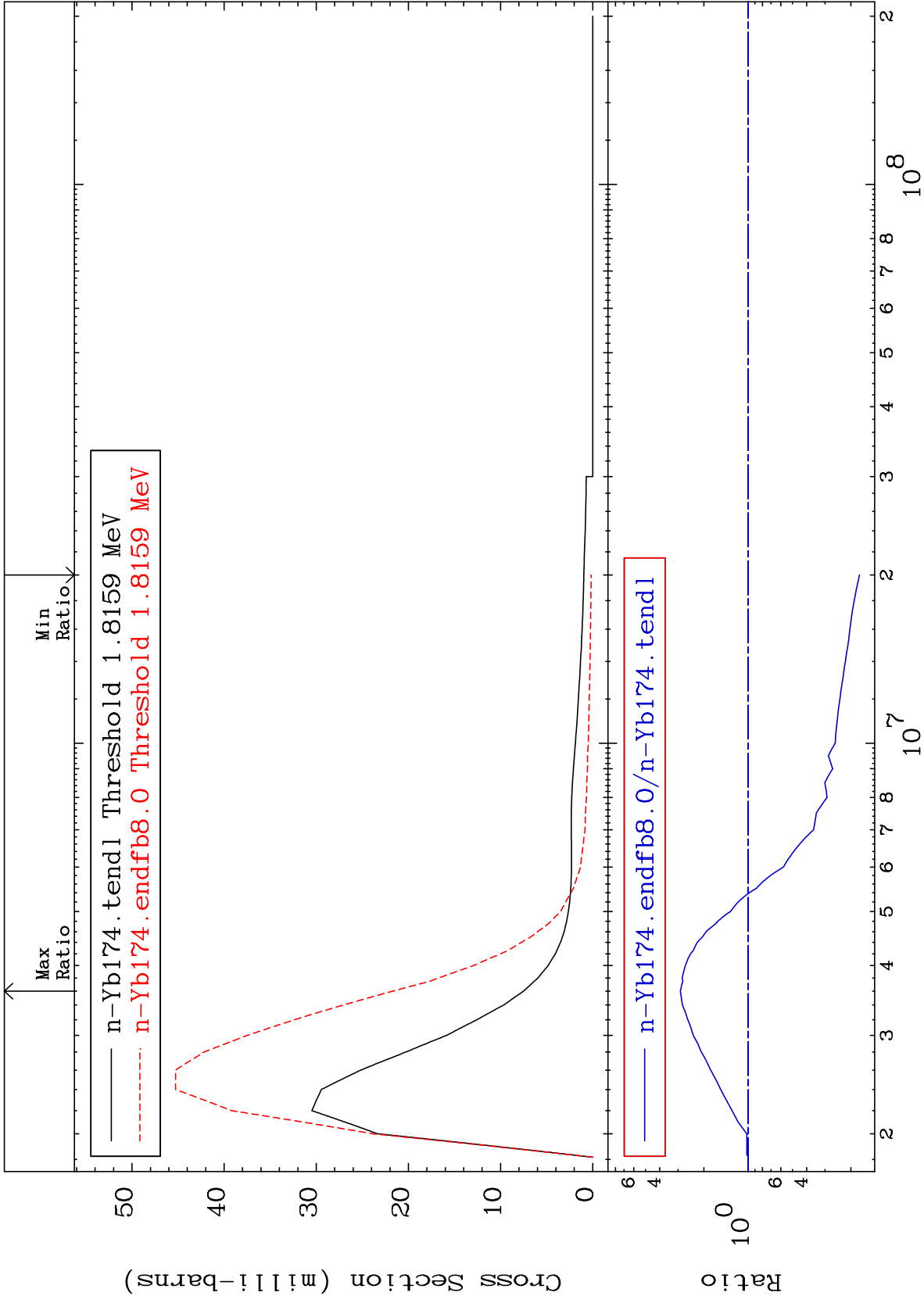




MAT 7043

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

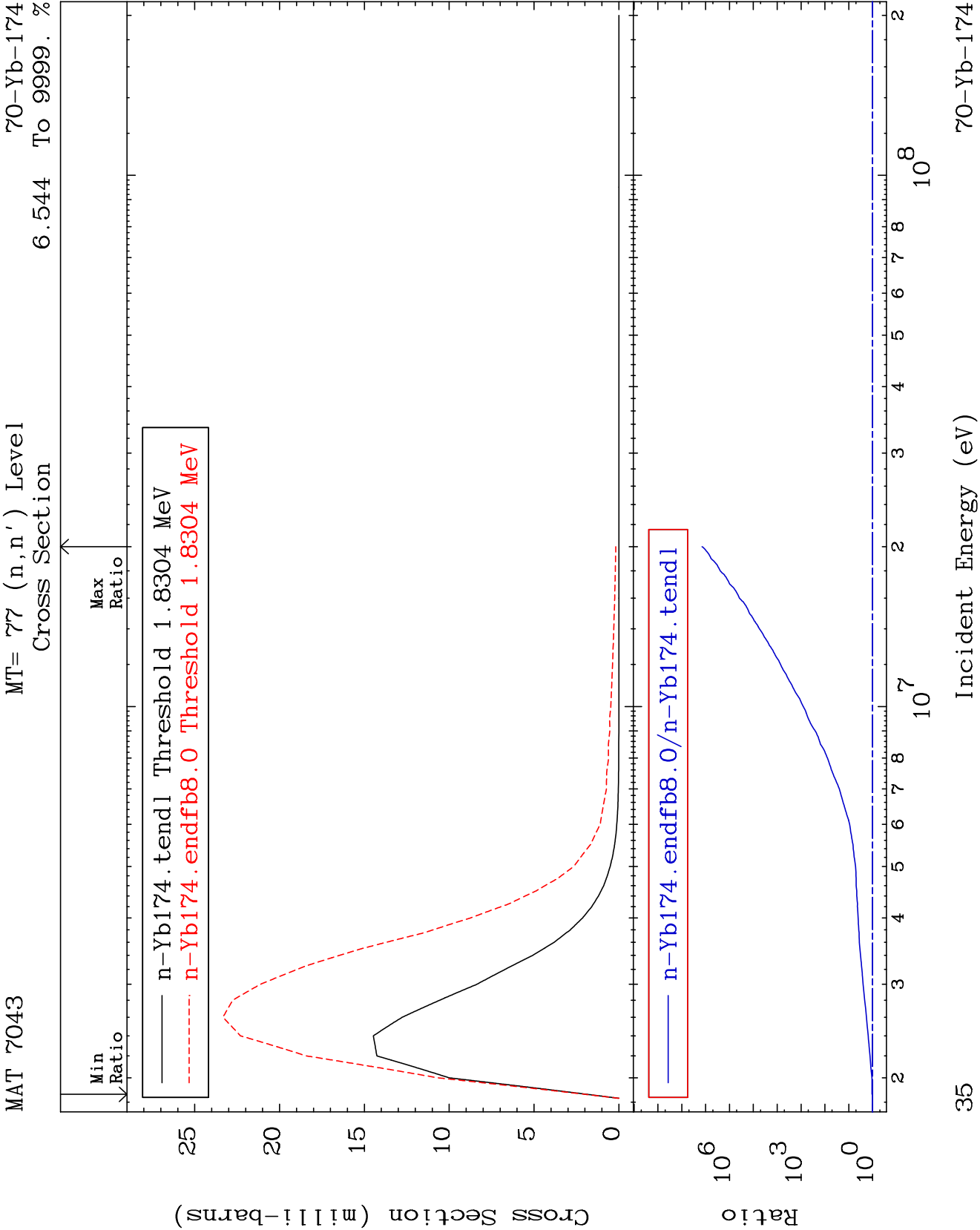
⁷⁰Yb-174
-82.50 To 189.3 %

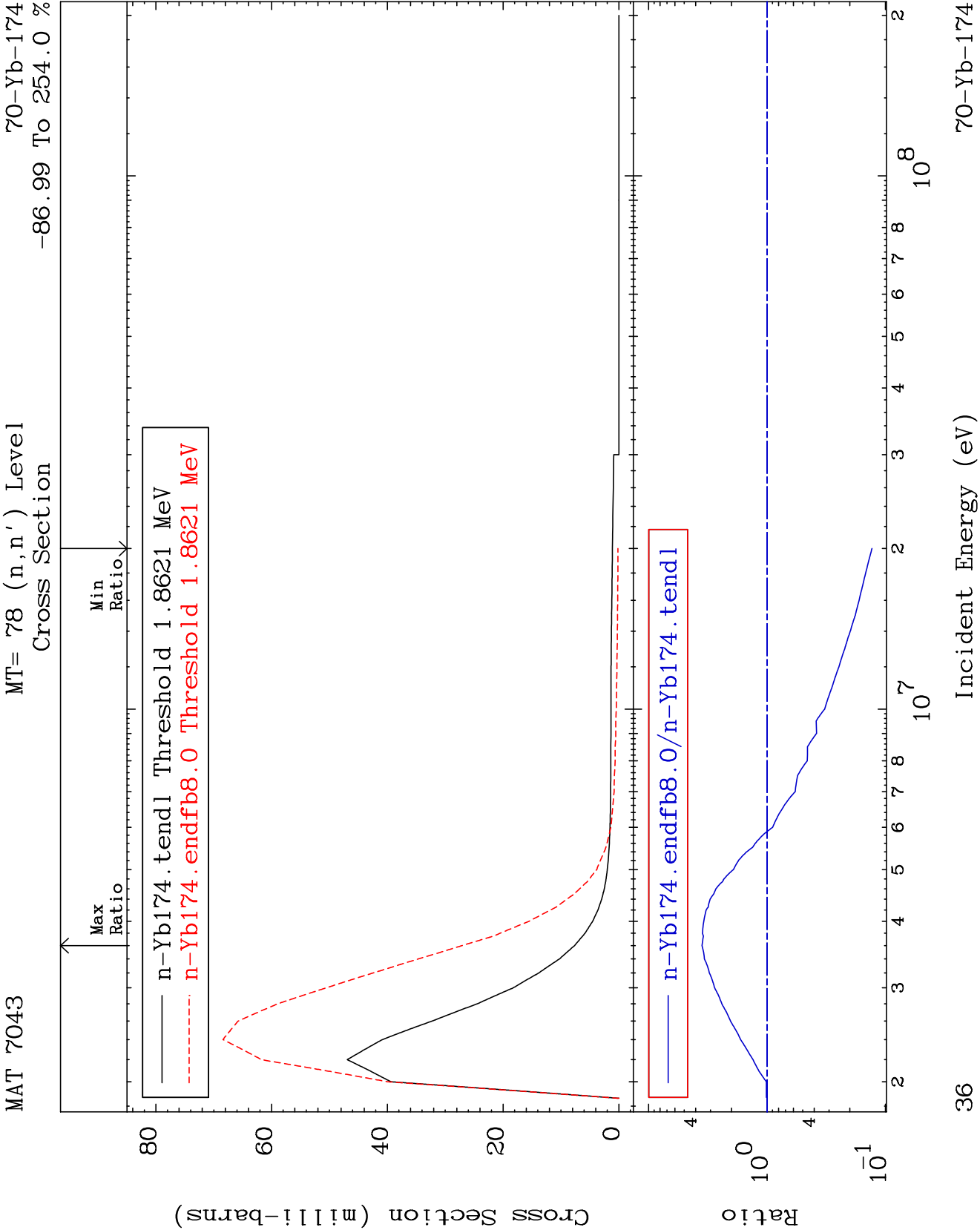


34

Incident Energy (eV)

⁷⁰Yb-174

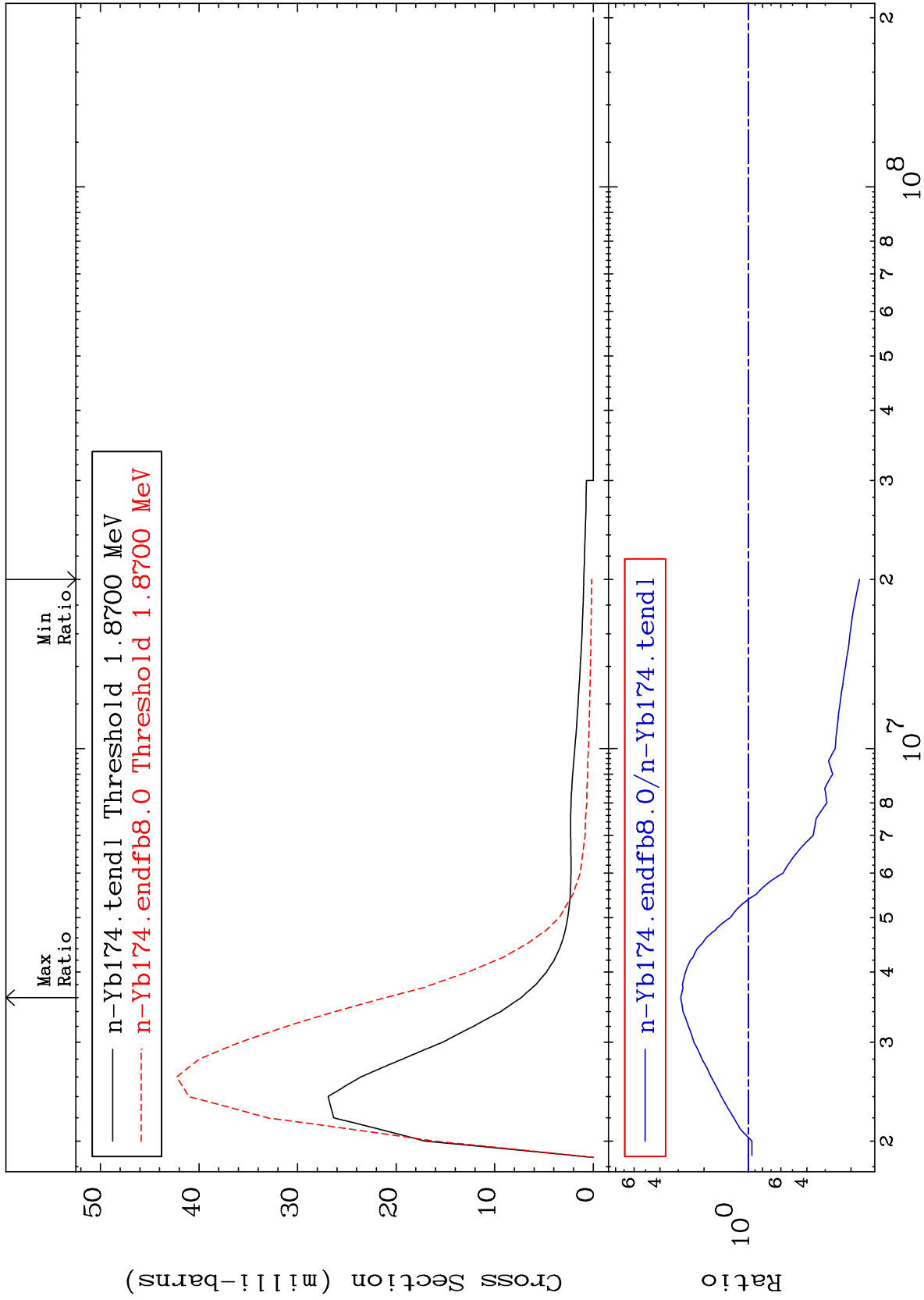




MAT 7043

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

70-Yb-174
-82.50 To 188.2 %



37

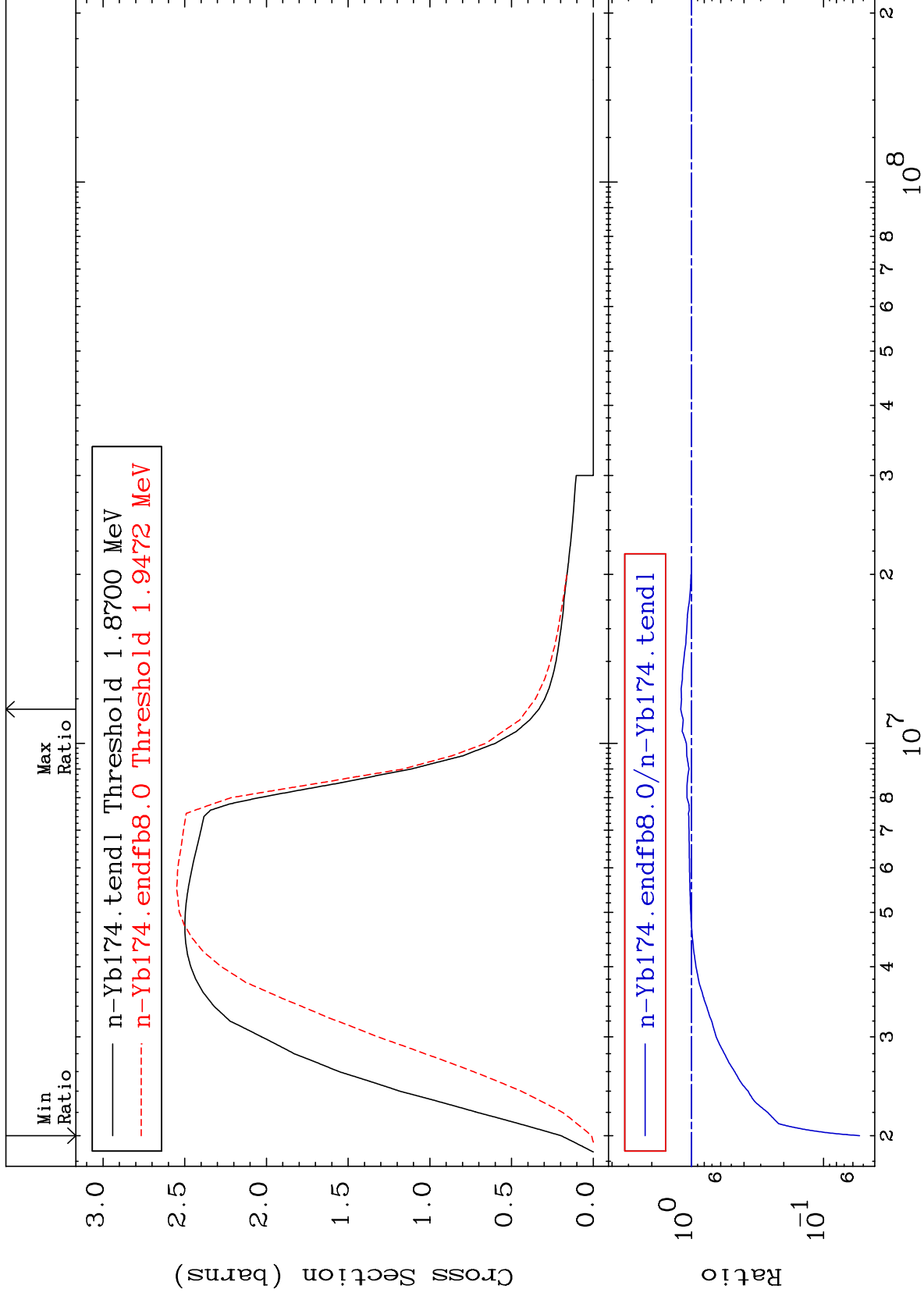
Incident Energy (eV)

70-Yb-174

MAT 7043

(n,n') Continuum
Cross Section

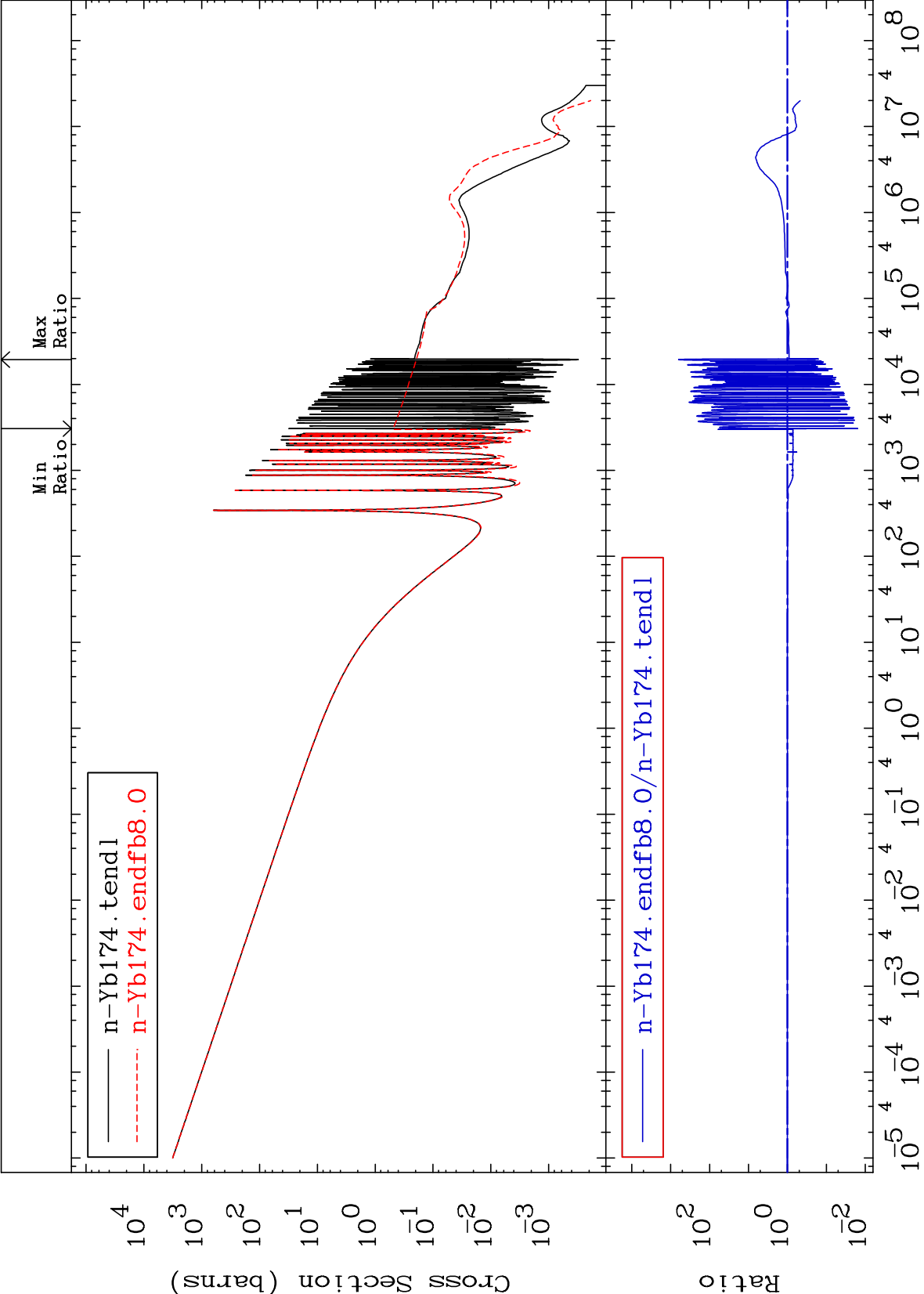
⁷⁰Yb-¹⁷⁴
-94.66 To 20.53 %



MAT 7043

(n, γ)
Cross Section

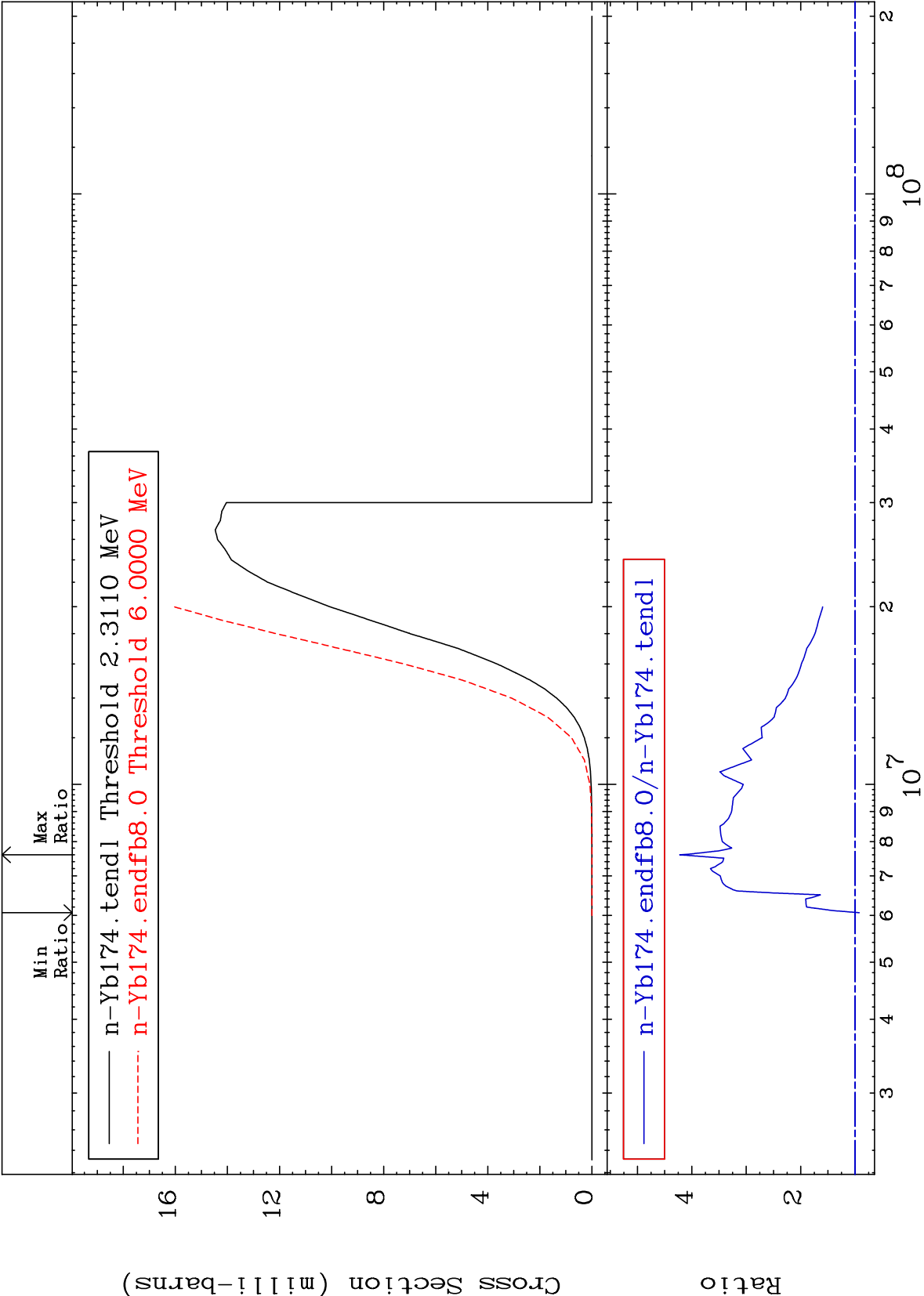
^{70}Yb - ^{174}Yb
-98.44 To 9999. %



MAT 7043

(n,p)
Cross Section

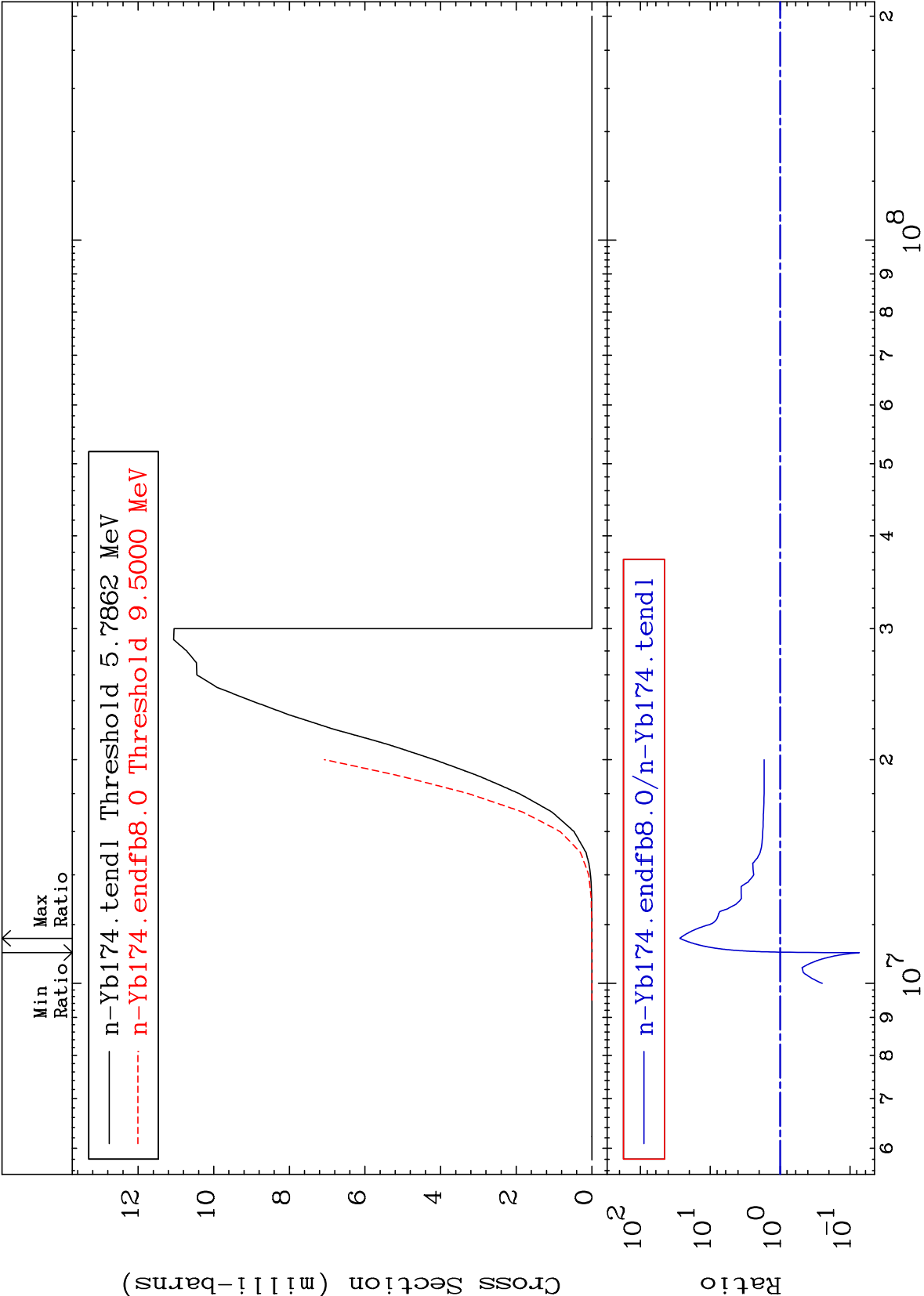
⁷⁰Yb-174
-7.750 To 322.3 %

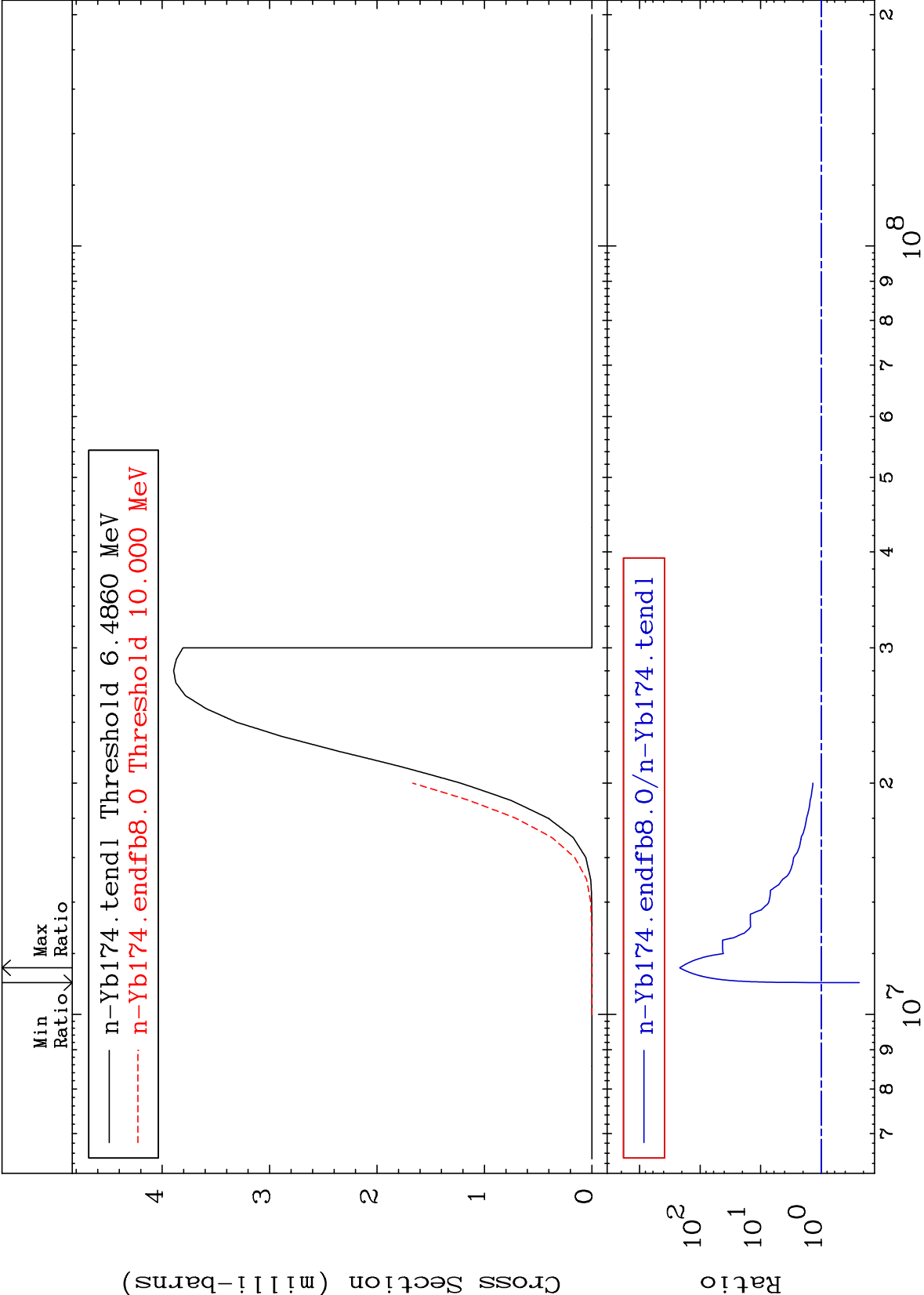


40

Incident Energy (eV)

⁷⁰Yb-174





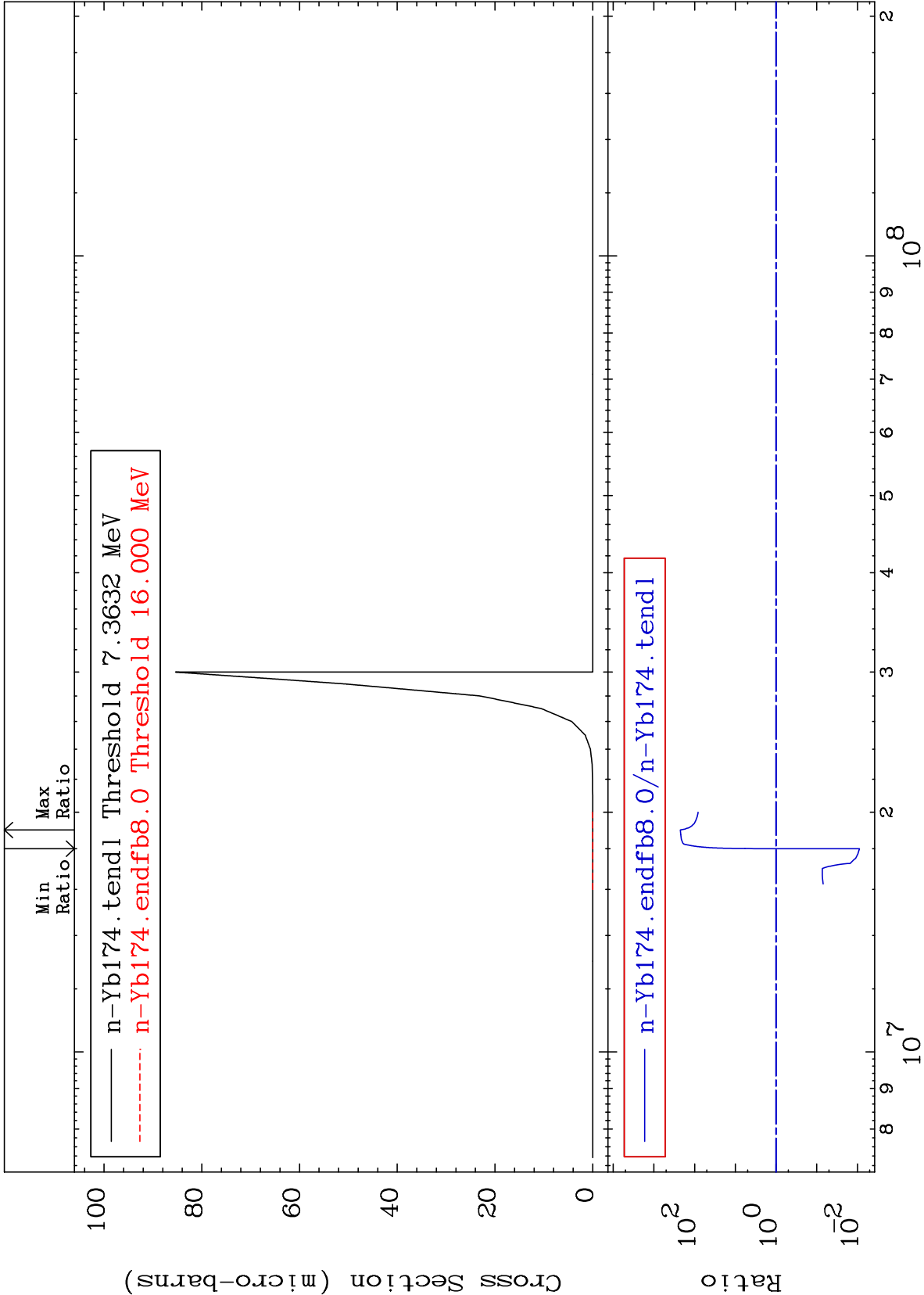
MAT 7043

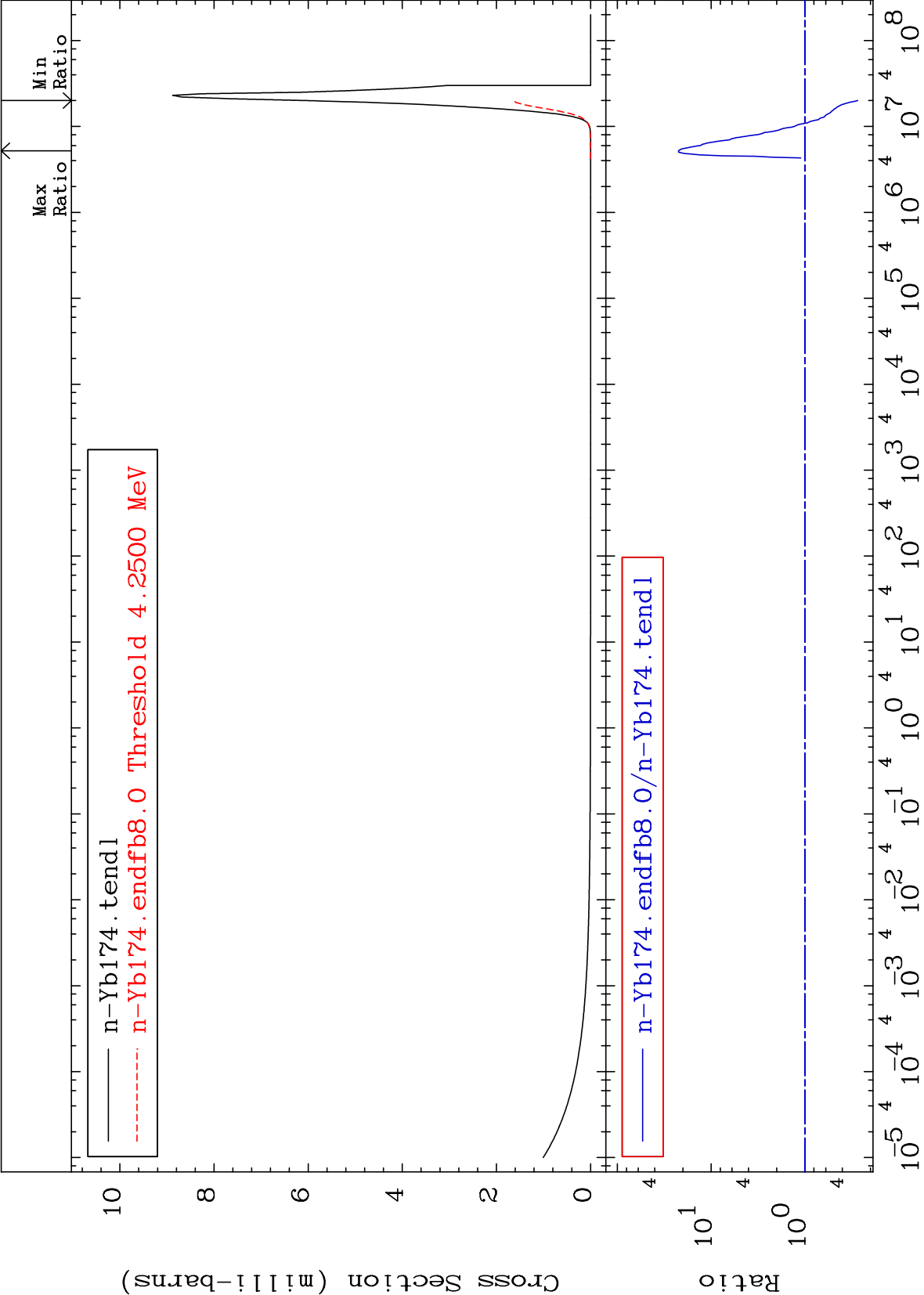
(n,He-3)

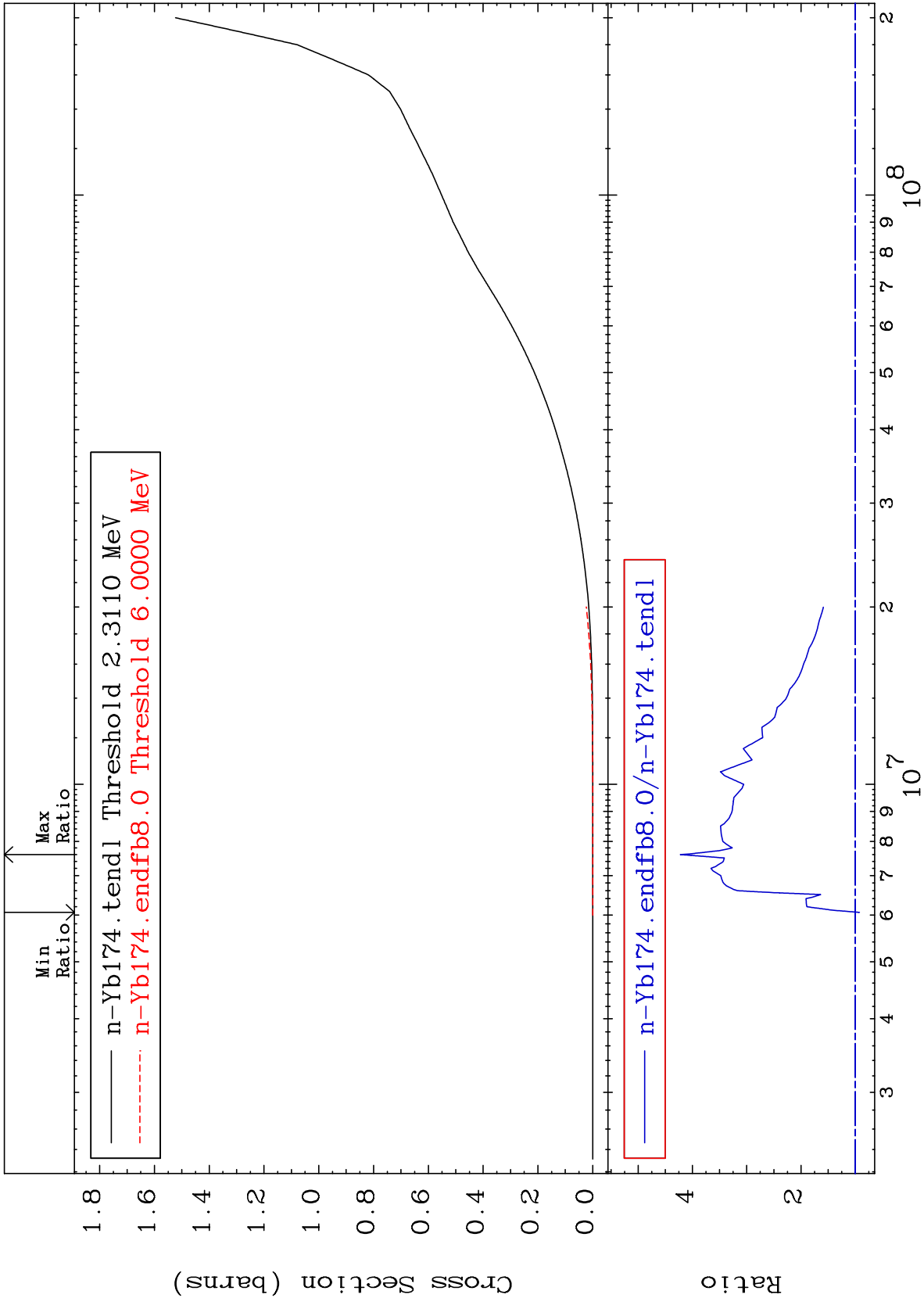
70-Yb-174

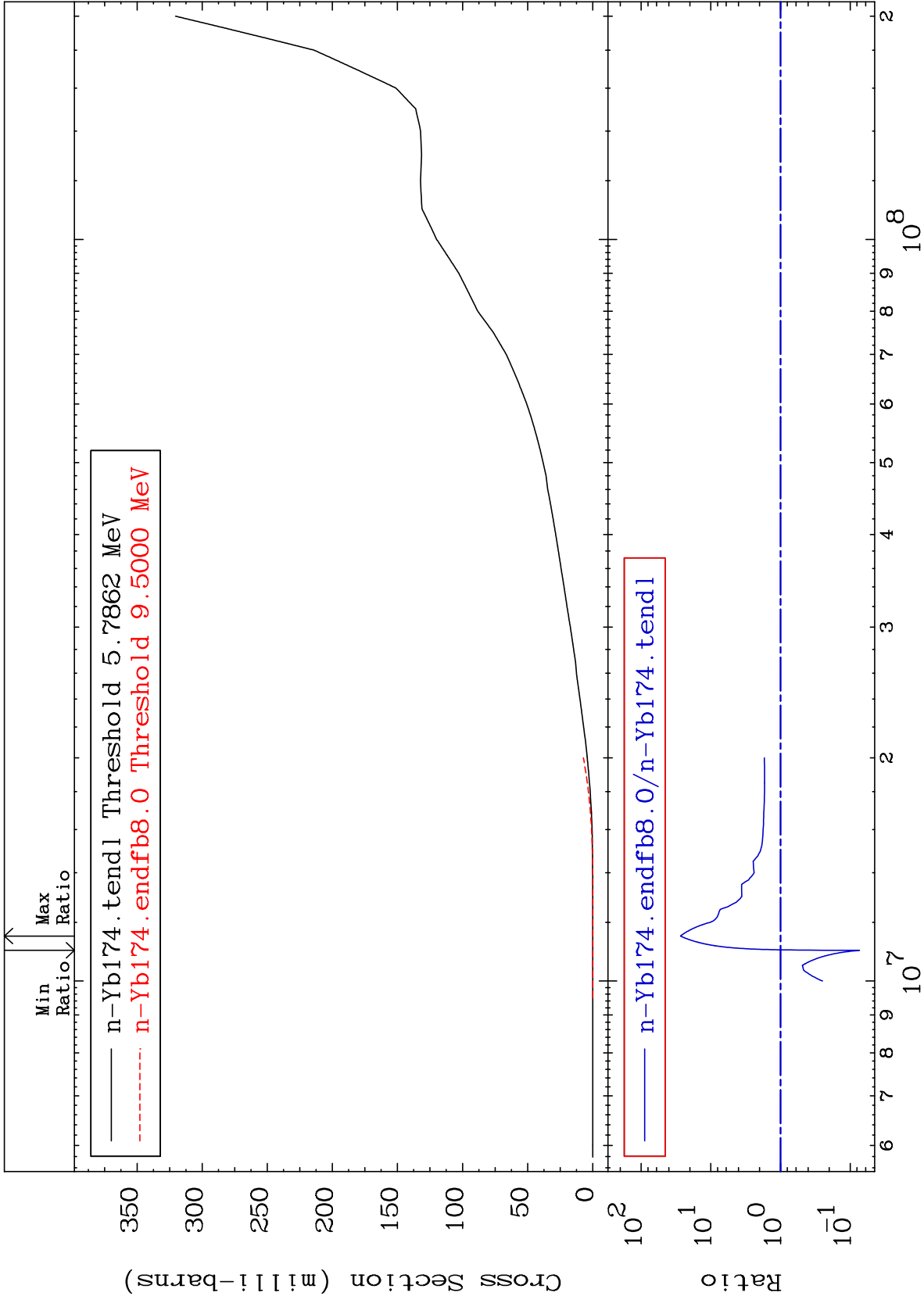
Cross Section

-99.10 To 9999. %





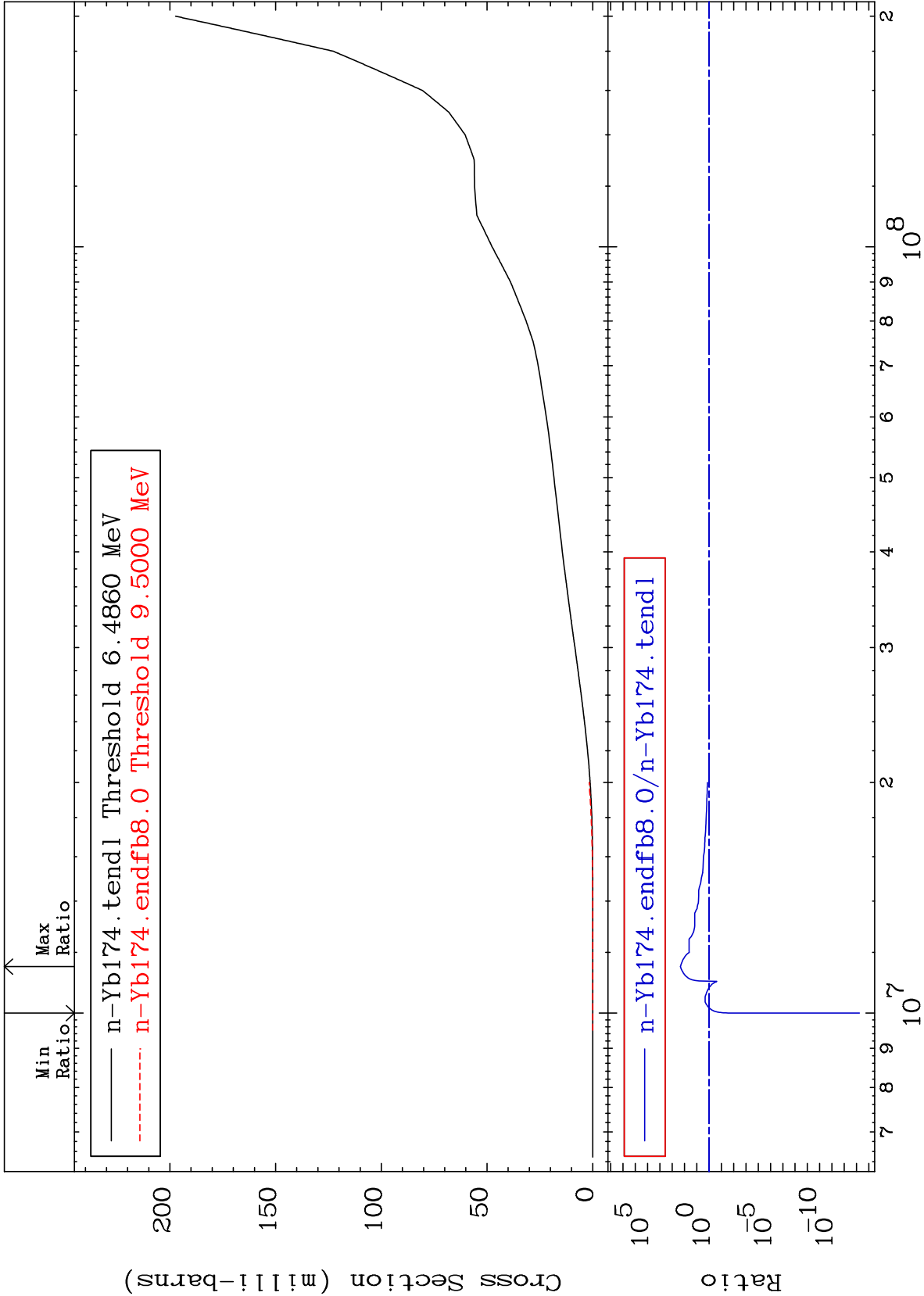




MAT 7043

Tritium Production
Cross Section

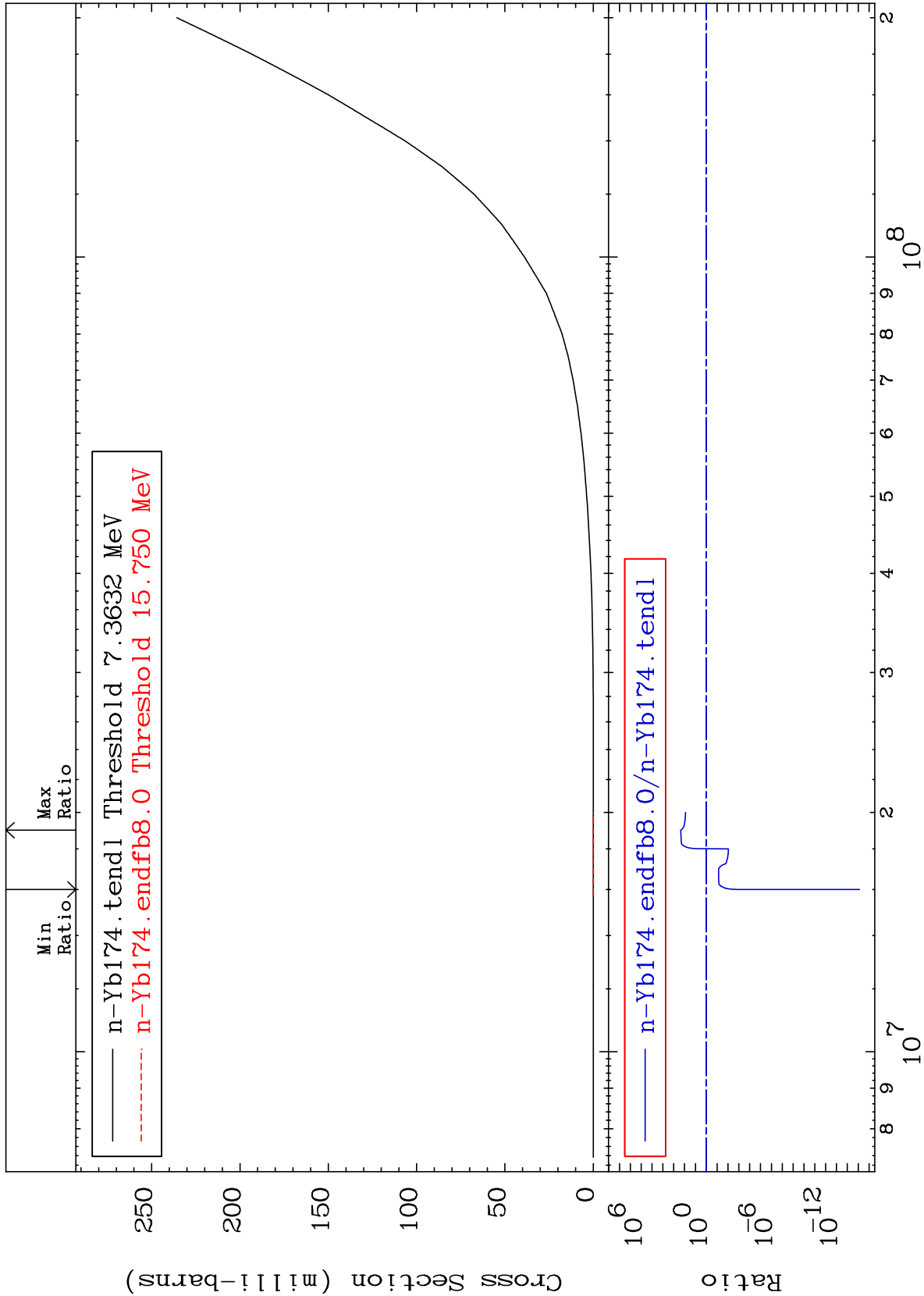
⁷⁰Yb-174
-100.0 To 9999. %

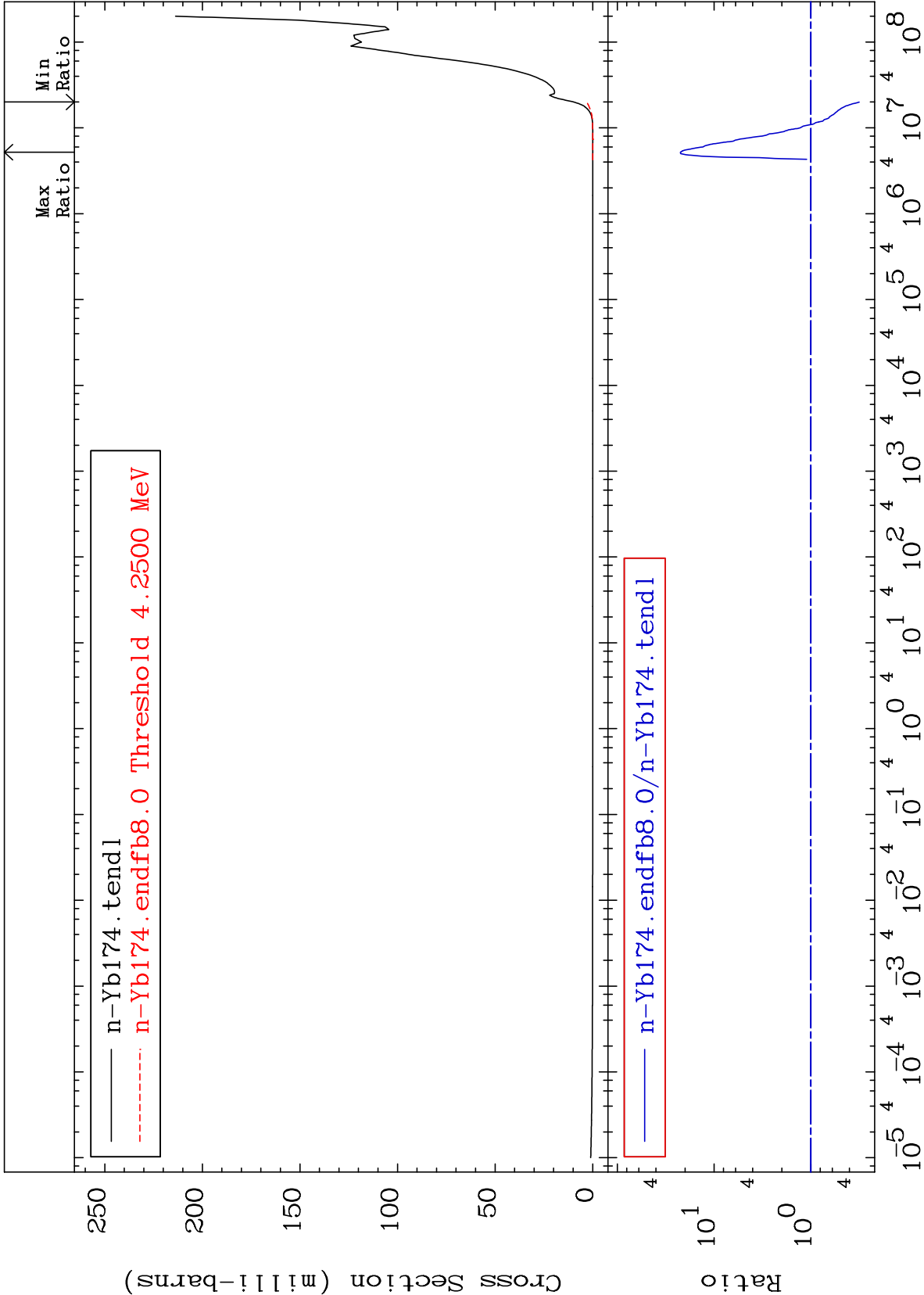


MAT 7043

He-3 Production
Cross Section

⁷⁰Yb-¹⁷⁴
-100.0 To 9999. %





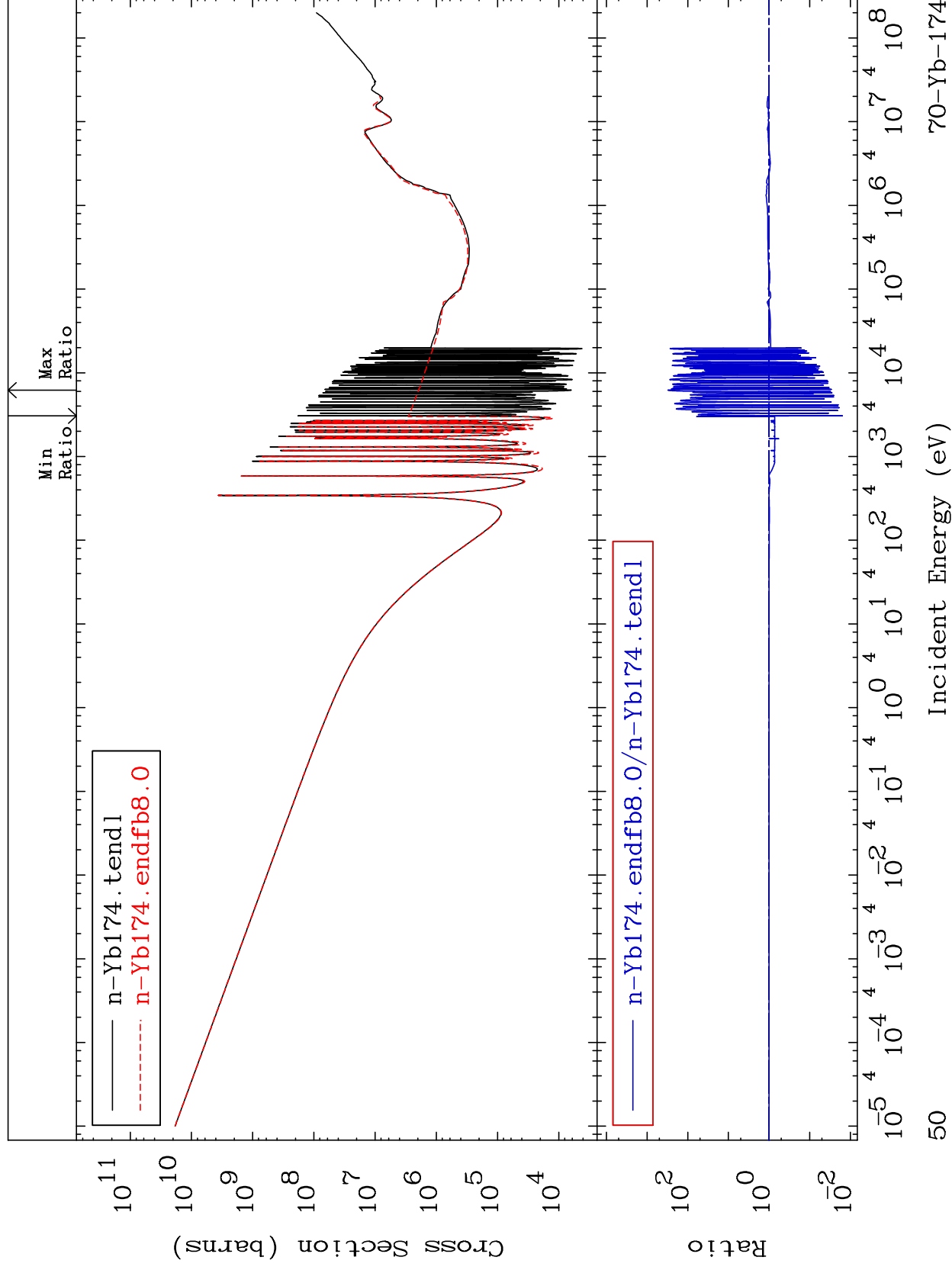
MAT 7043

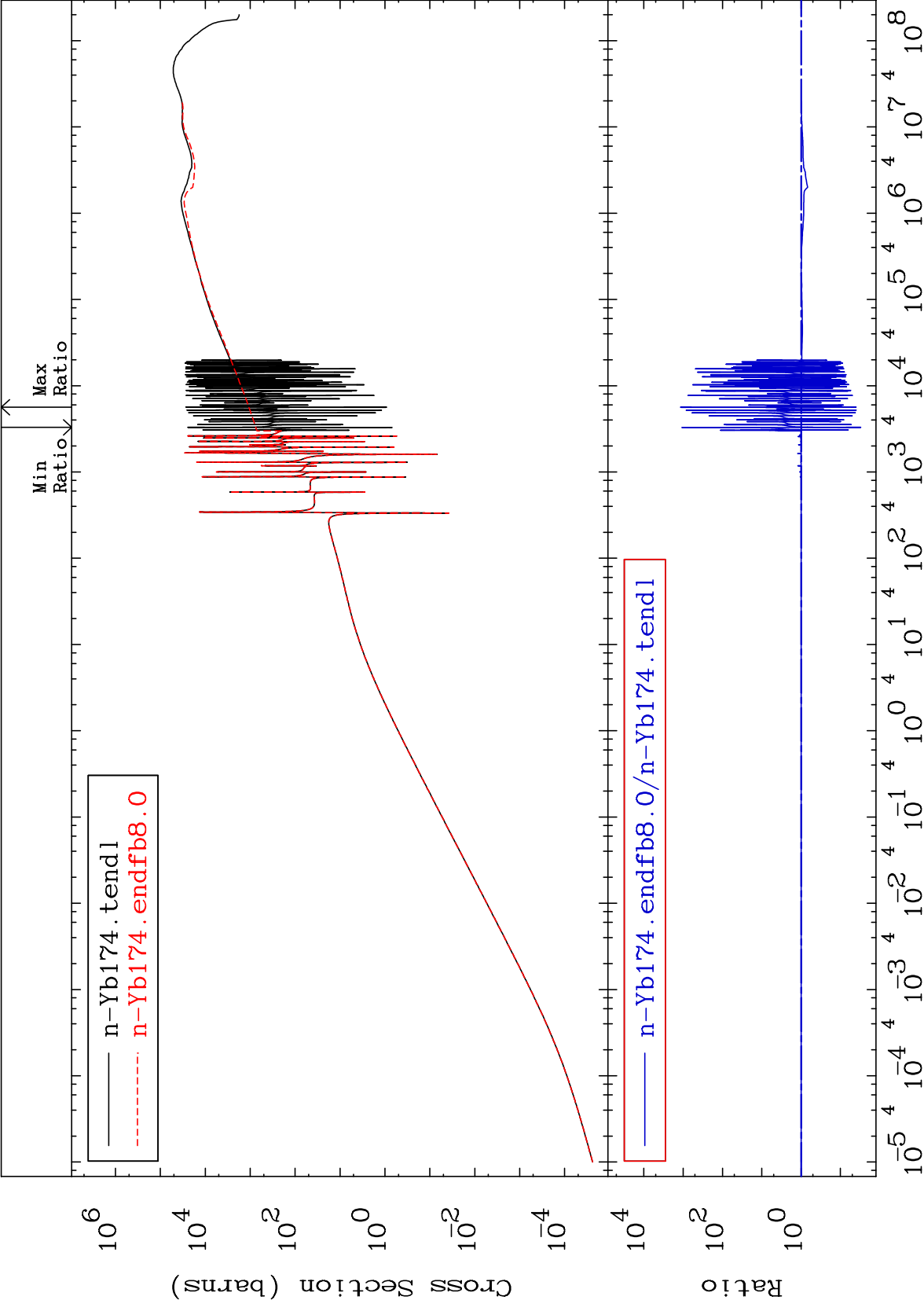
Kerma total (eV-barns)

70-Yb-174

Cross Section

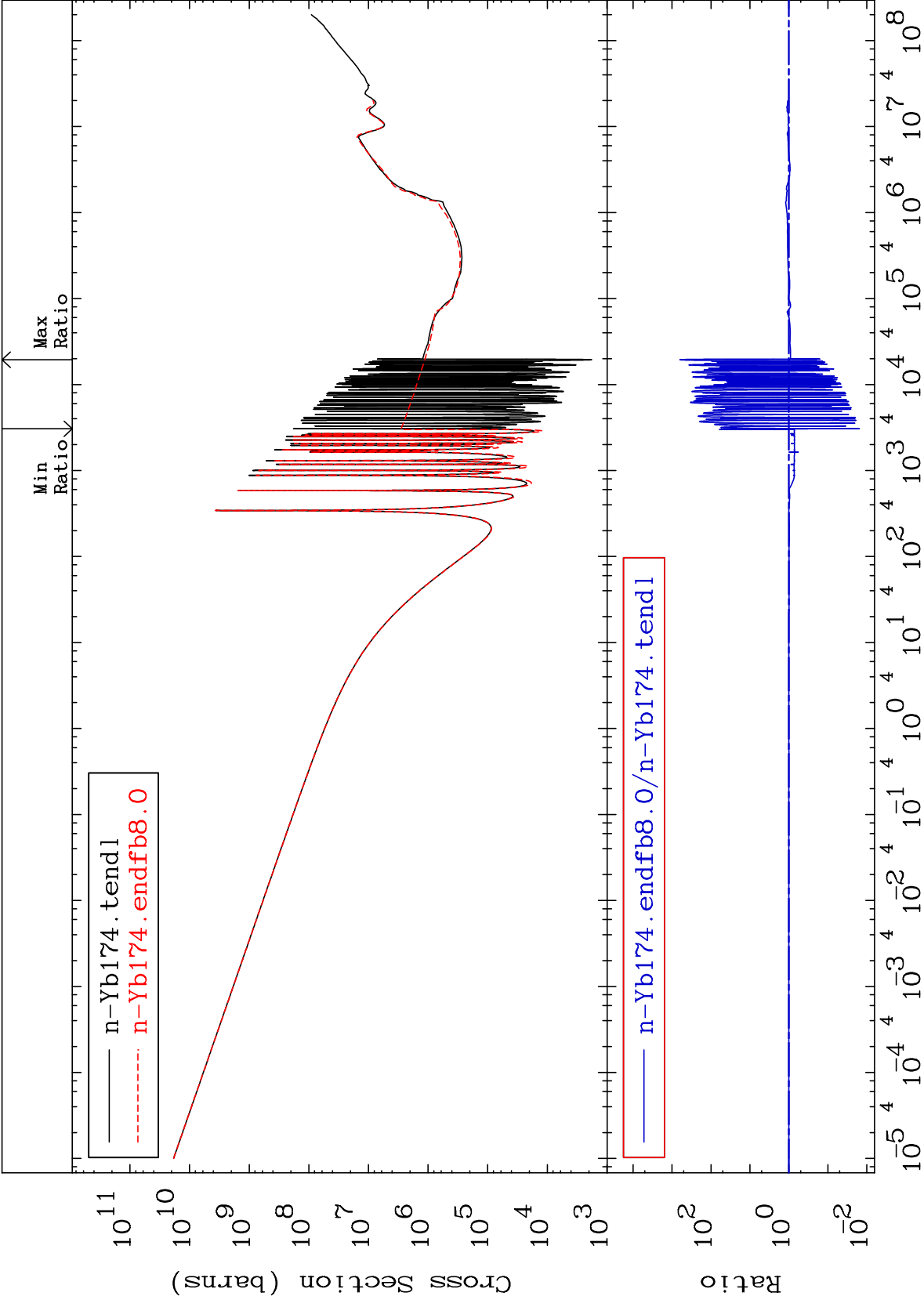
-98.44 To 9999. %

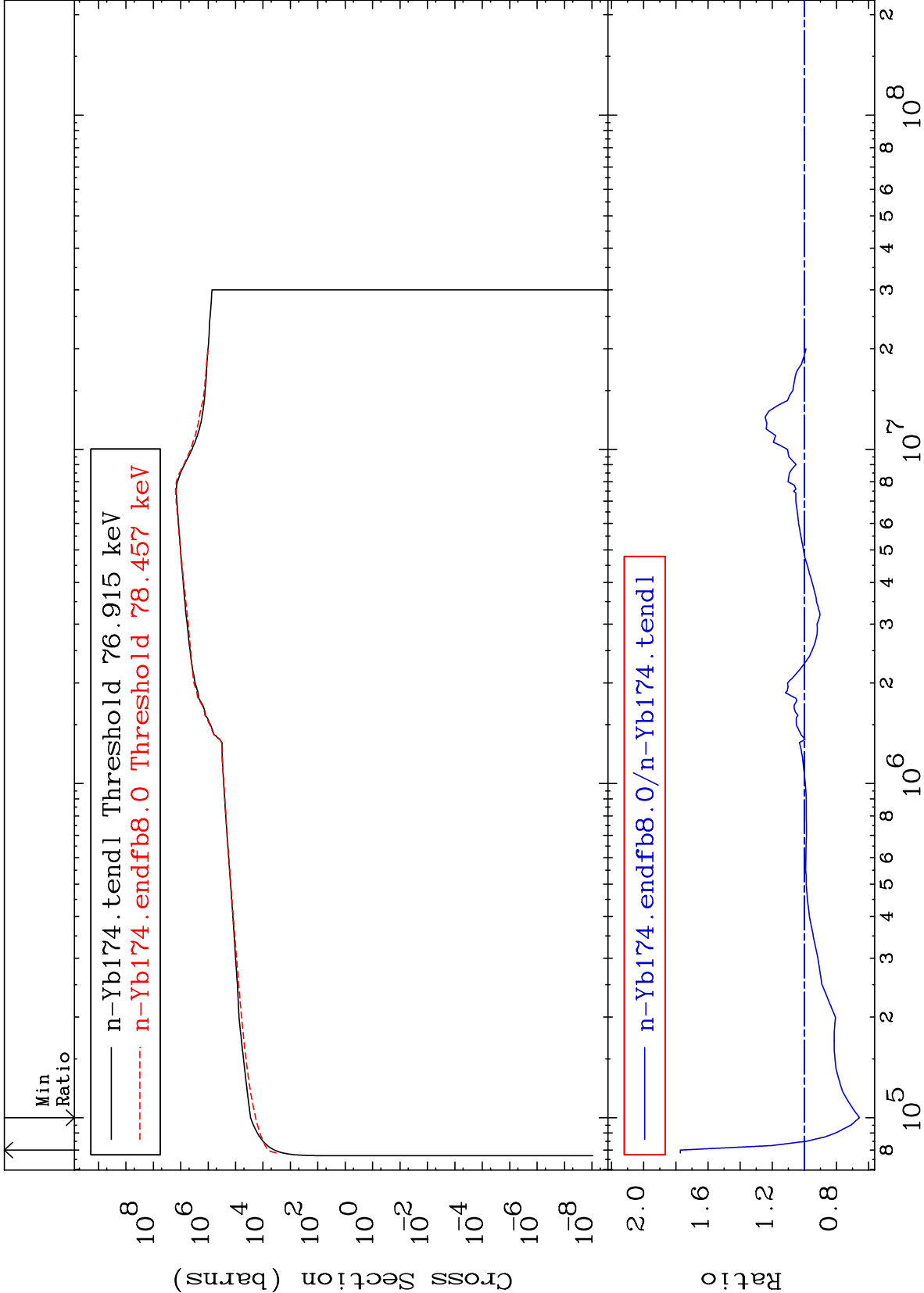


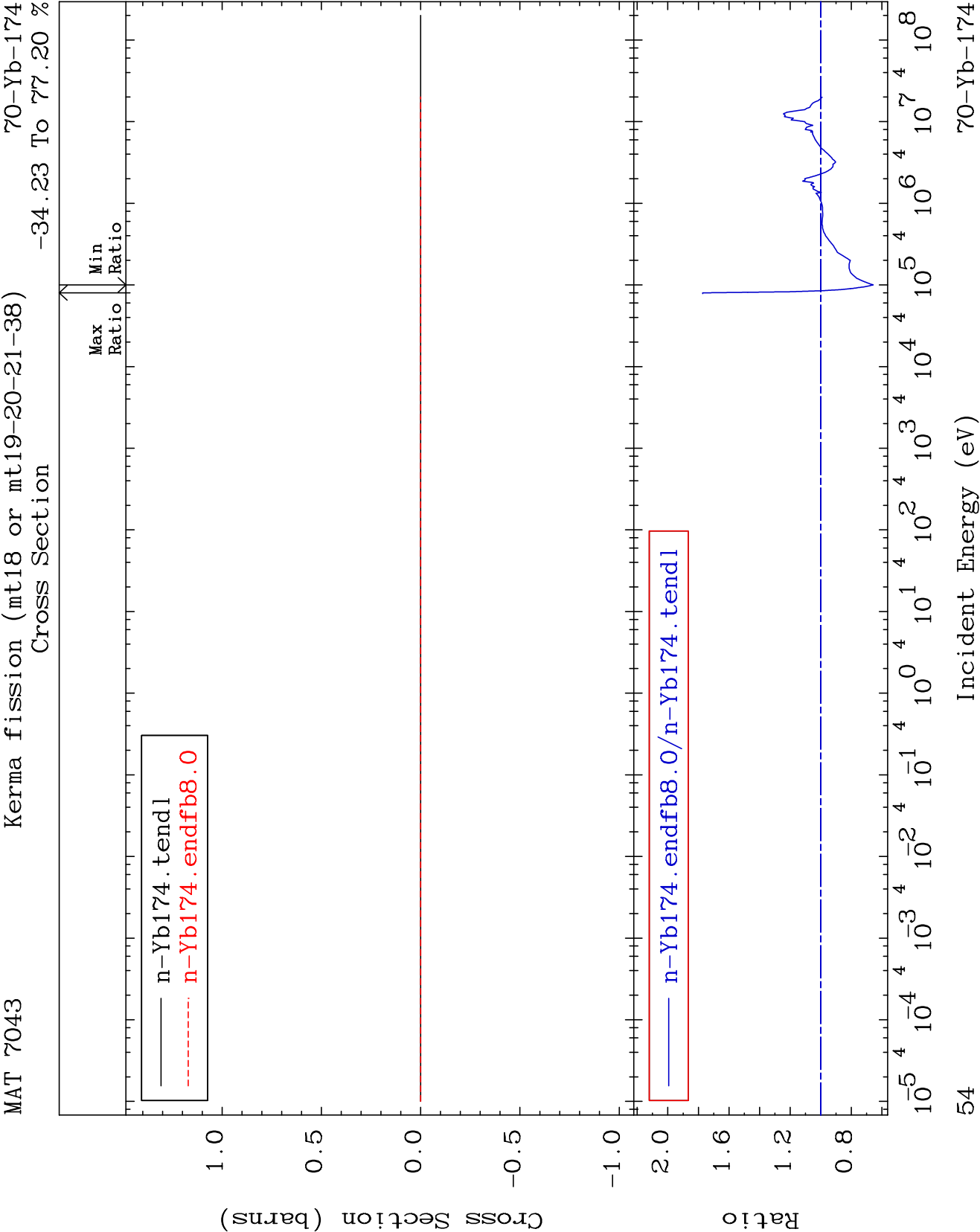


Cross Section

-98.44 To 9999. %







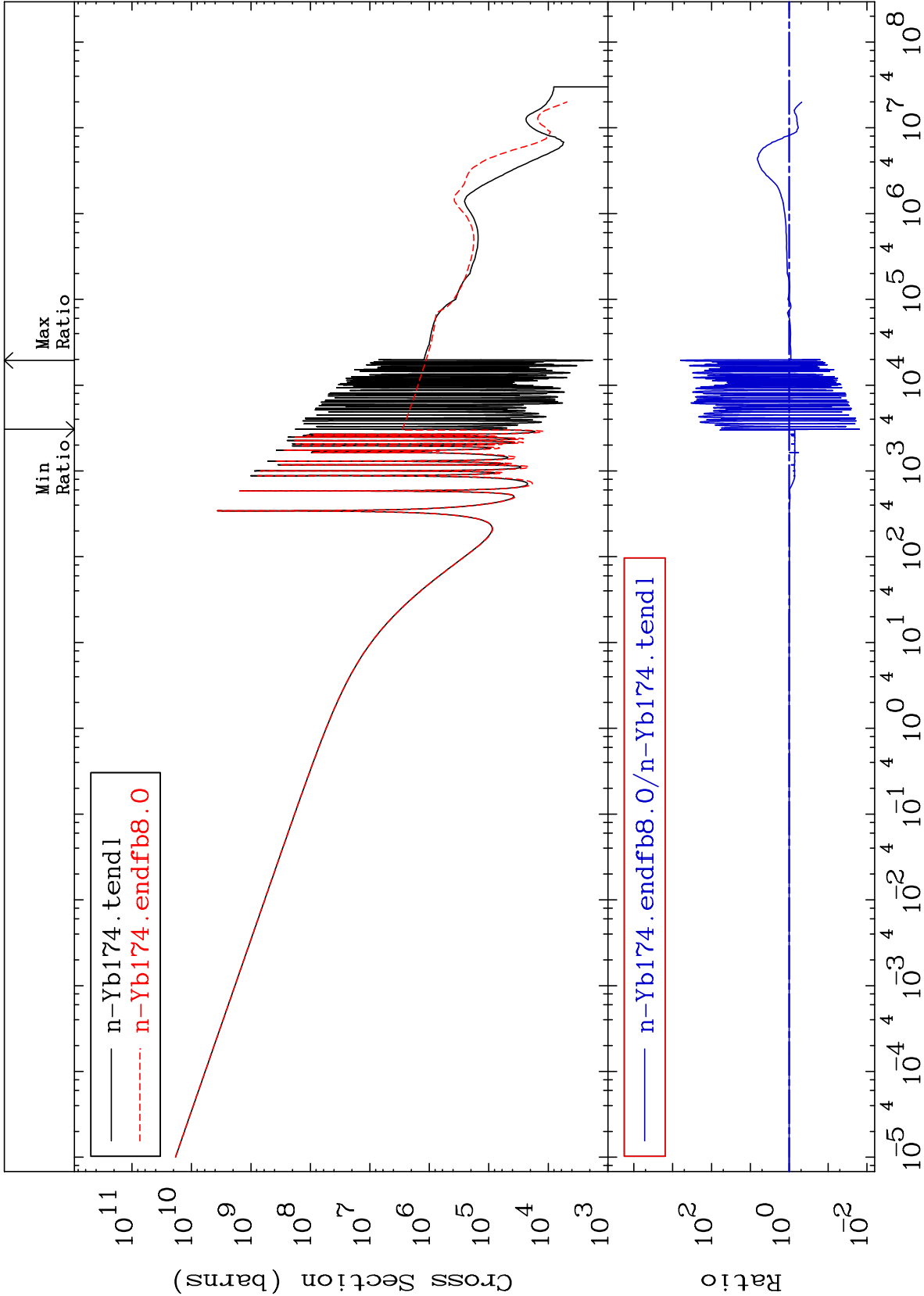
MAT 7043

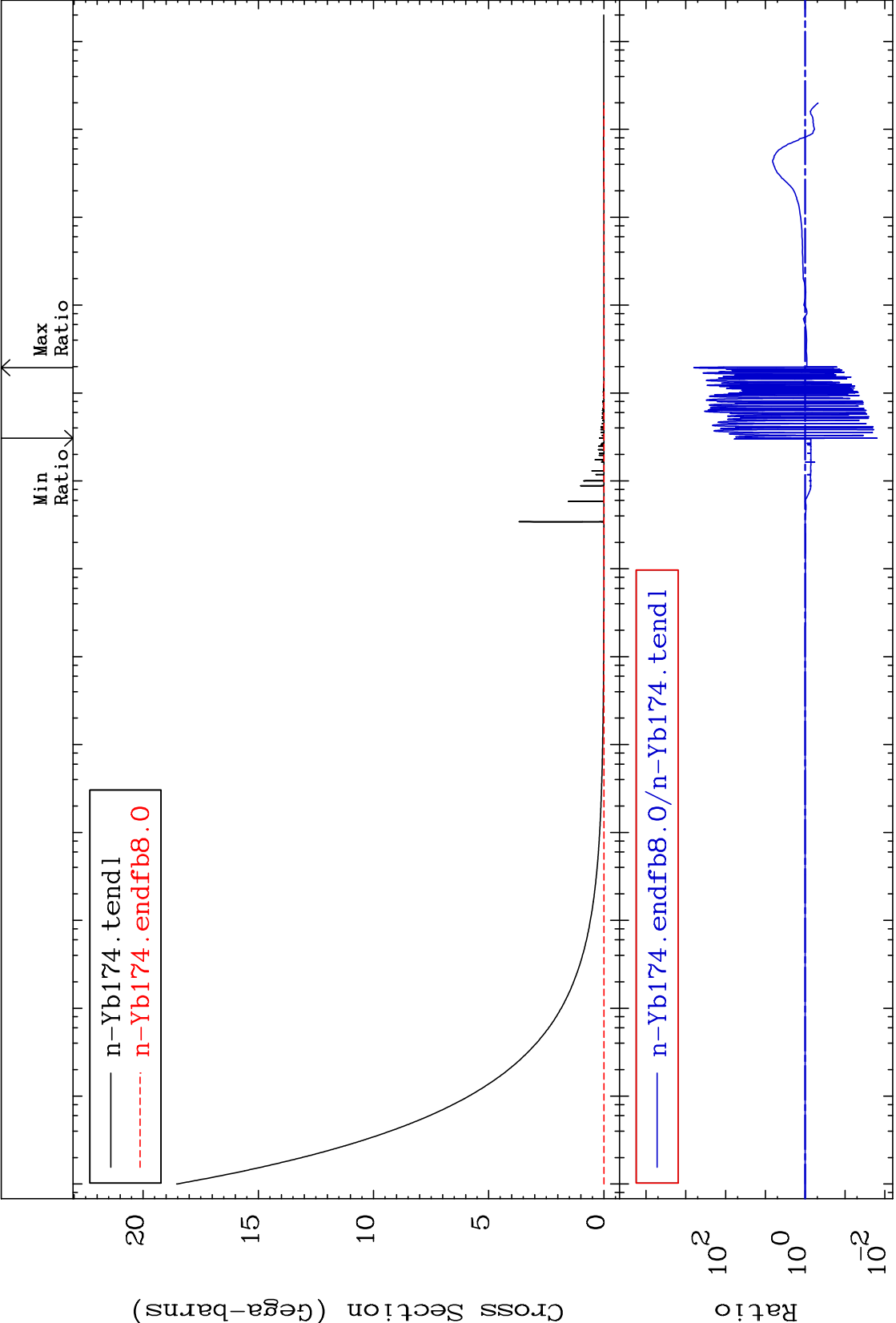
Kerma capture (mt102)

⁷⁰Yb-174

Cross Section

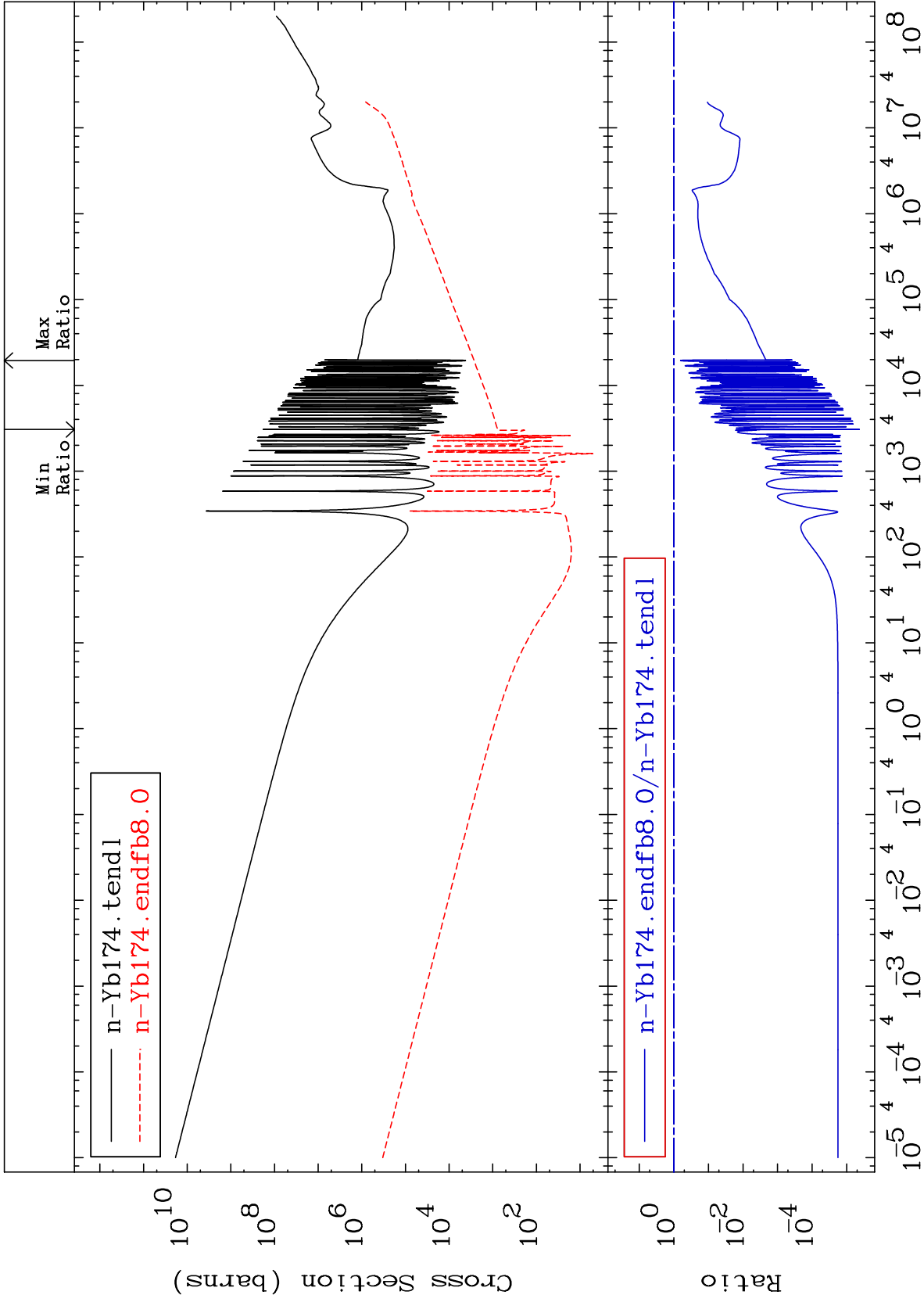
-98.44 To 9999. %





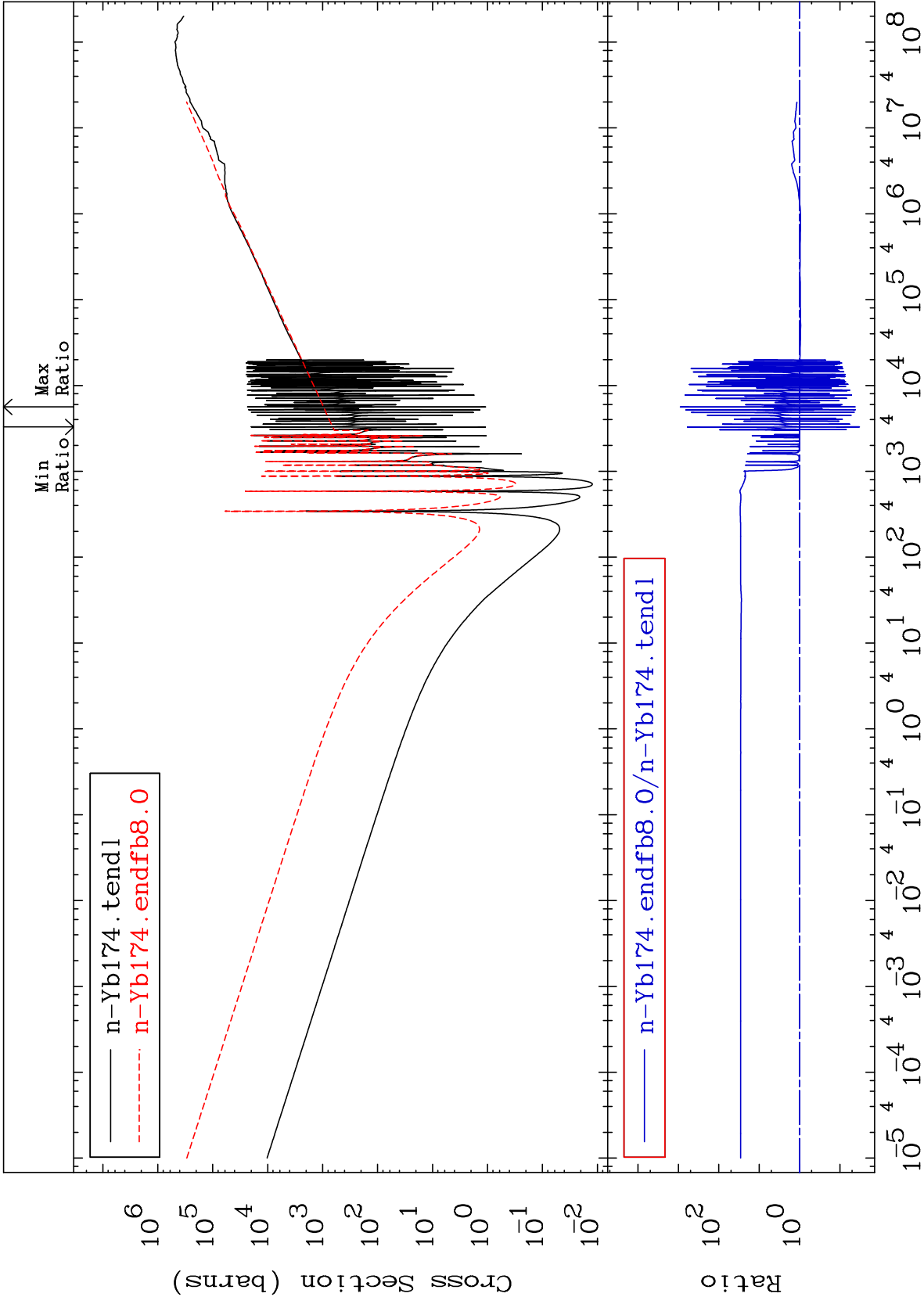
Cross Section

-100.0 To -35.11%



Cross Section

-96.71 To 9999. %



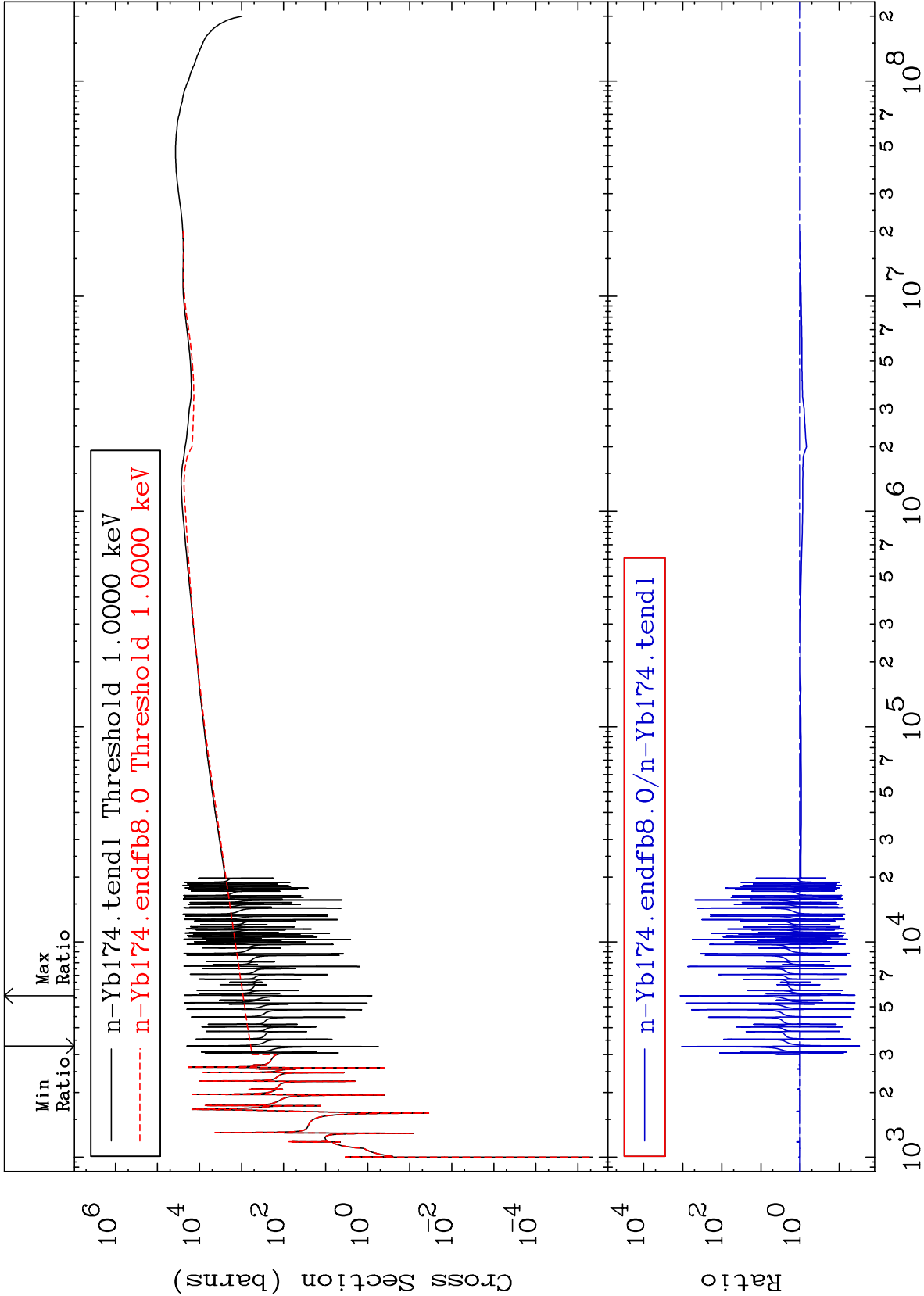
MAT 7043

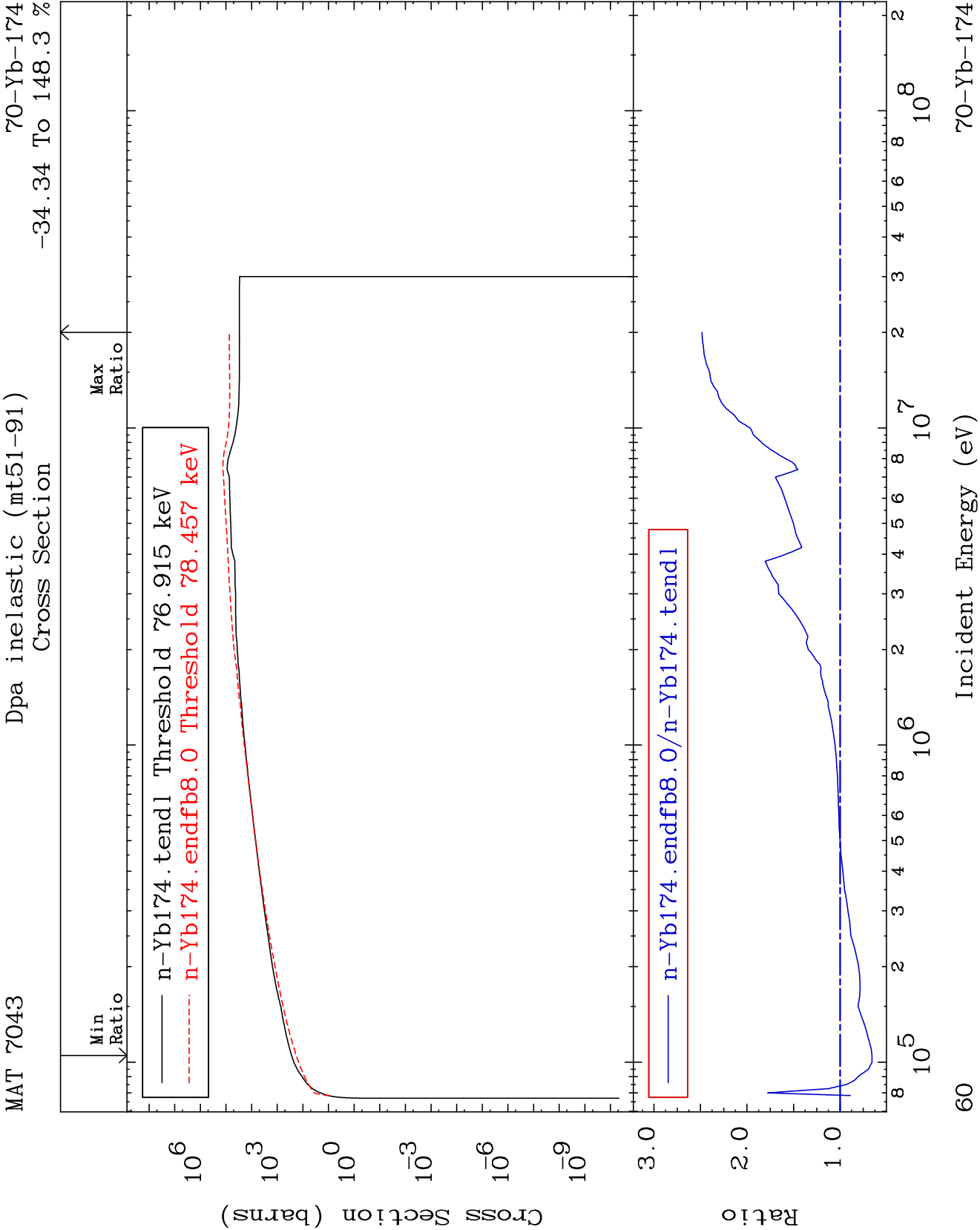
Dpa elastic (mt2)

70-Yb-174

Cross Section

-96.96 To 9999. %





MAT 7043

Dpa disappearance (mt102 -120)

70-Yb-174

Cross Section

-47.60 To 9999. %

