

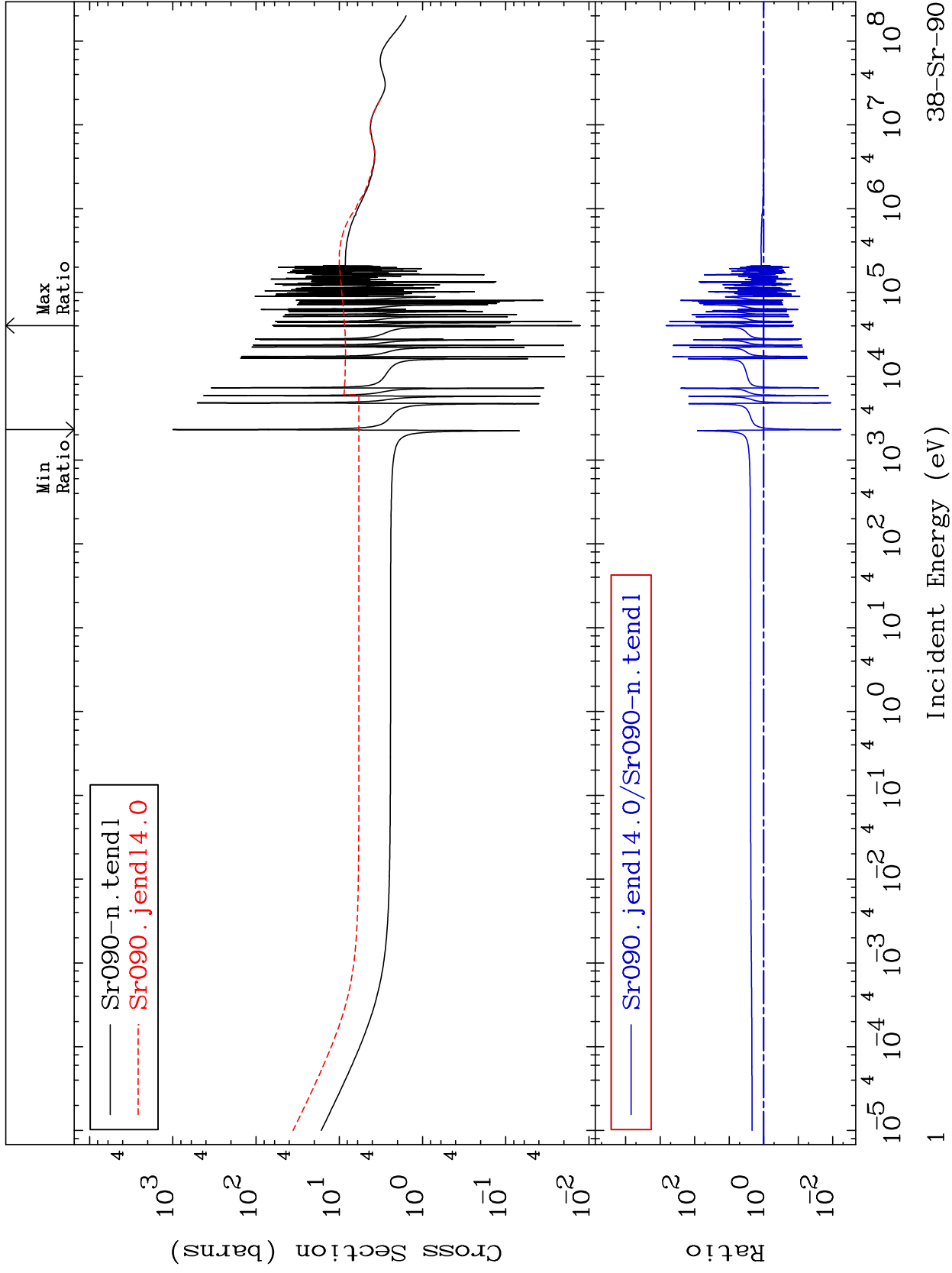
MAT 3843

Total

38-Sr-90

Cross Section

-99.42 To 9999. %



38-Sr-90

38-Sr-90

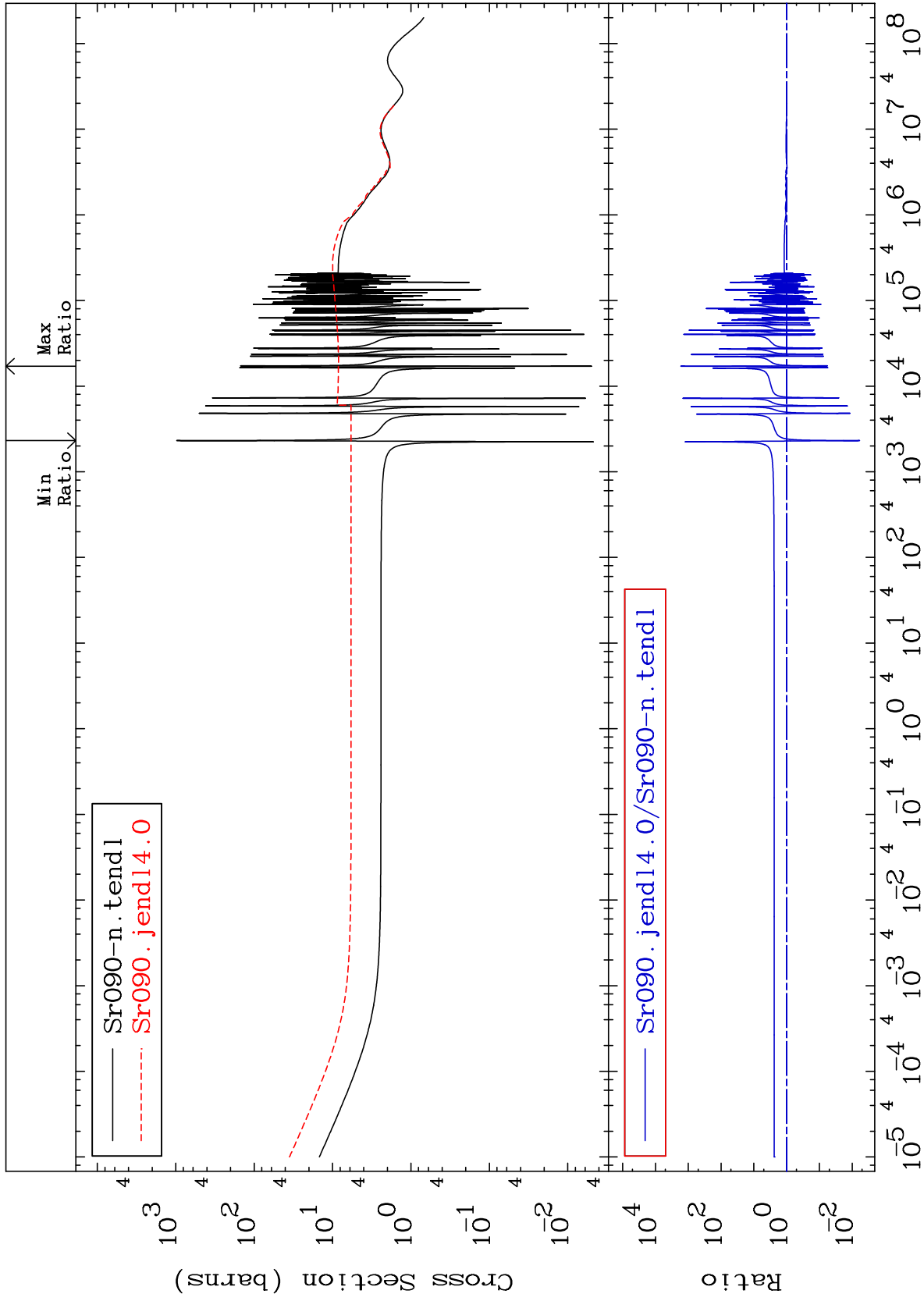
MAT 3843

Elastic

Cross Section

38-Sr-90

-99.40 To 9999. %



2

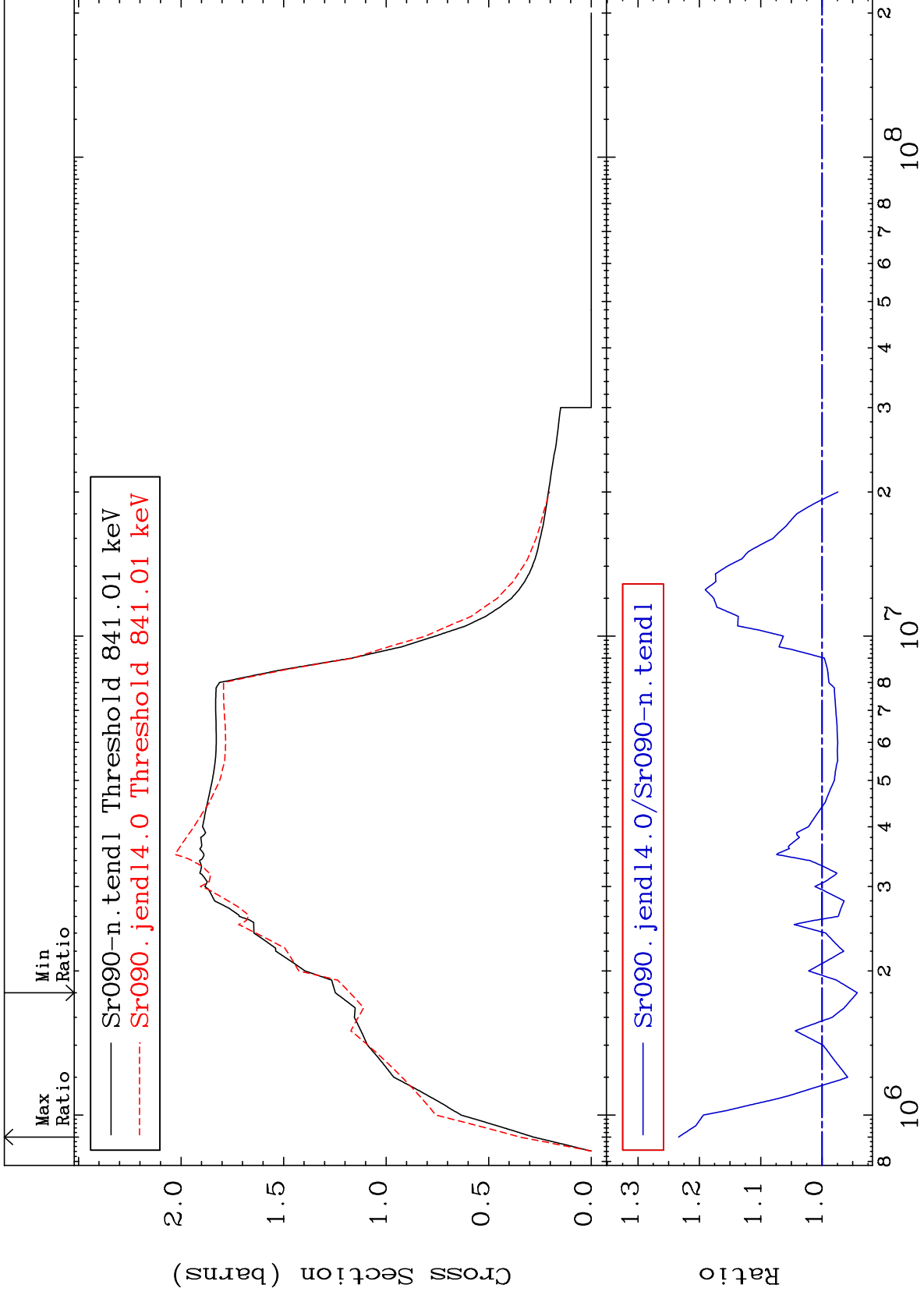
Incident Energy (eV)

38-Sr-90

MAT 3843

Inelastic
Cross Section

38-Sr-90
-5.733 To 23.37 %



38-Sr-90

3

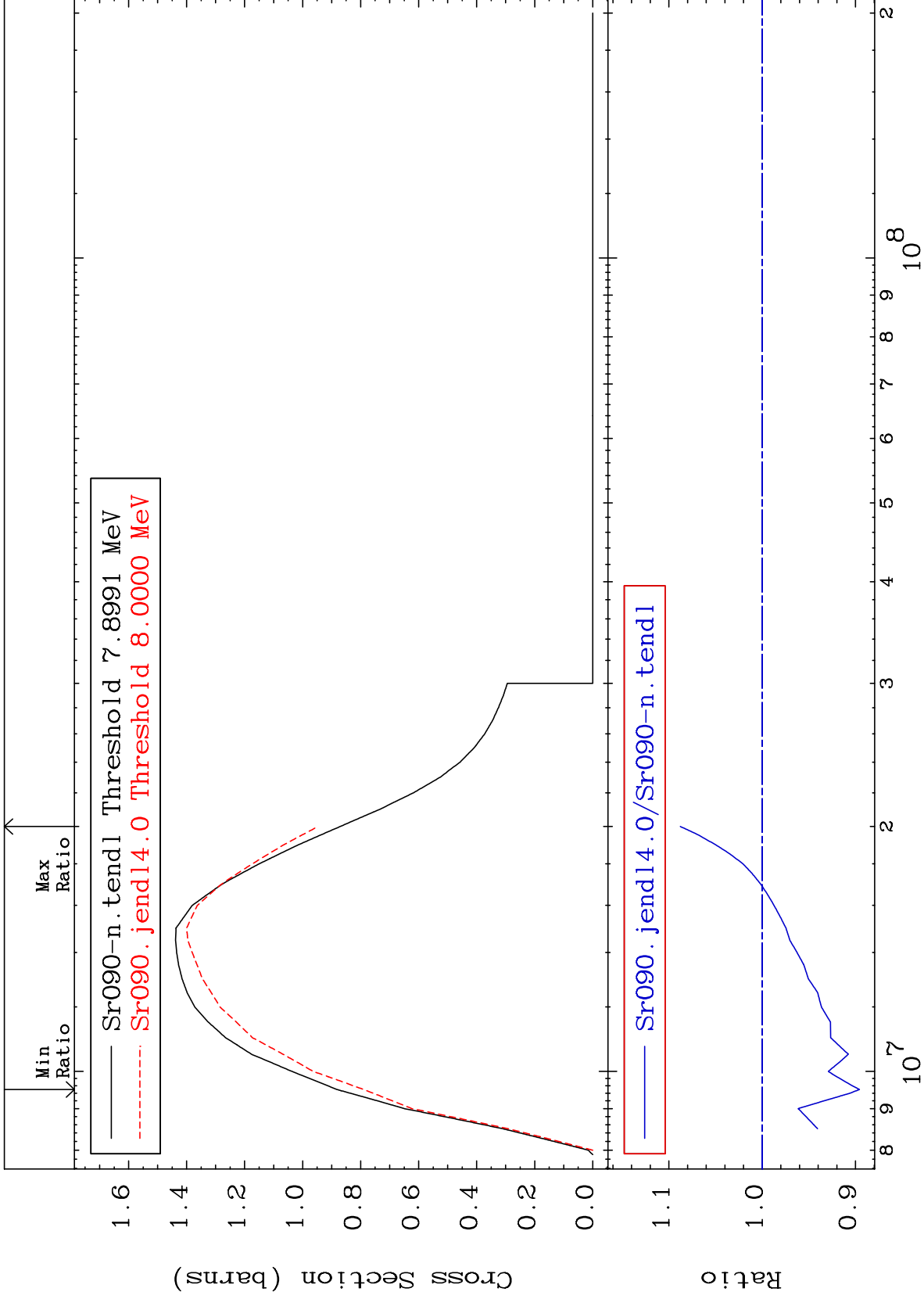
MAT 3843

(n,2n)

38-Sr-90

Cross Section

-10.42 To 8.773 %



4

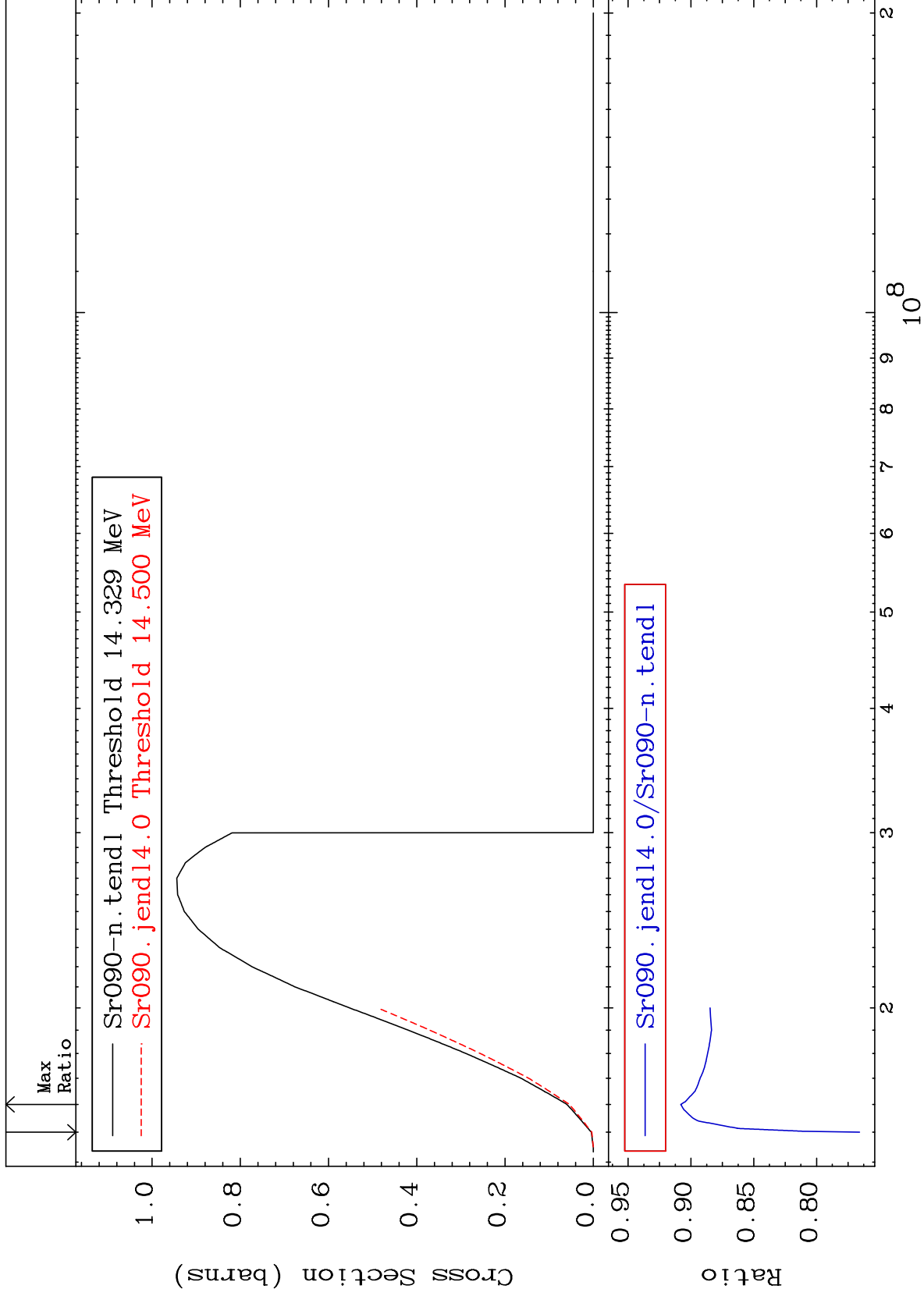
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,3n)
Cross Section

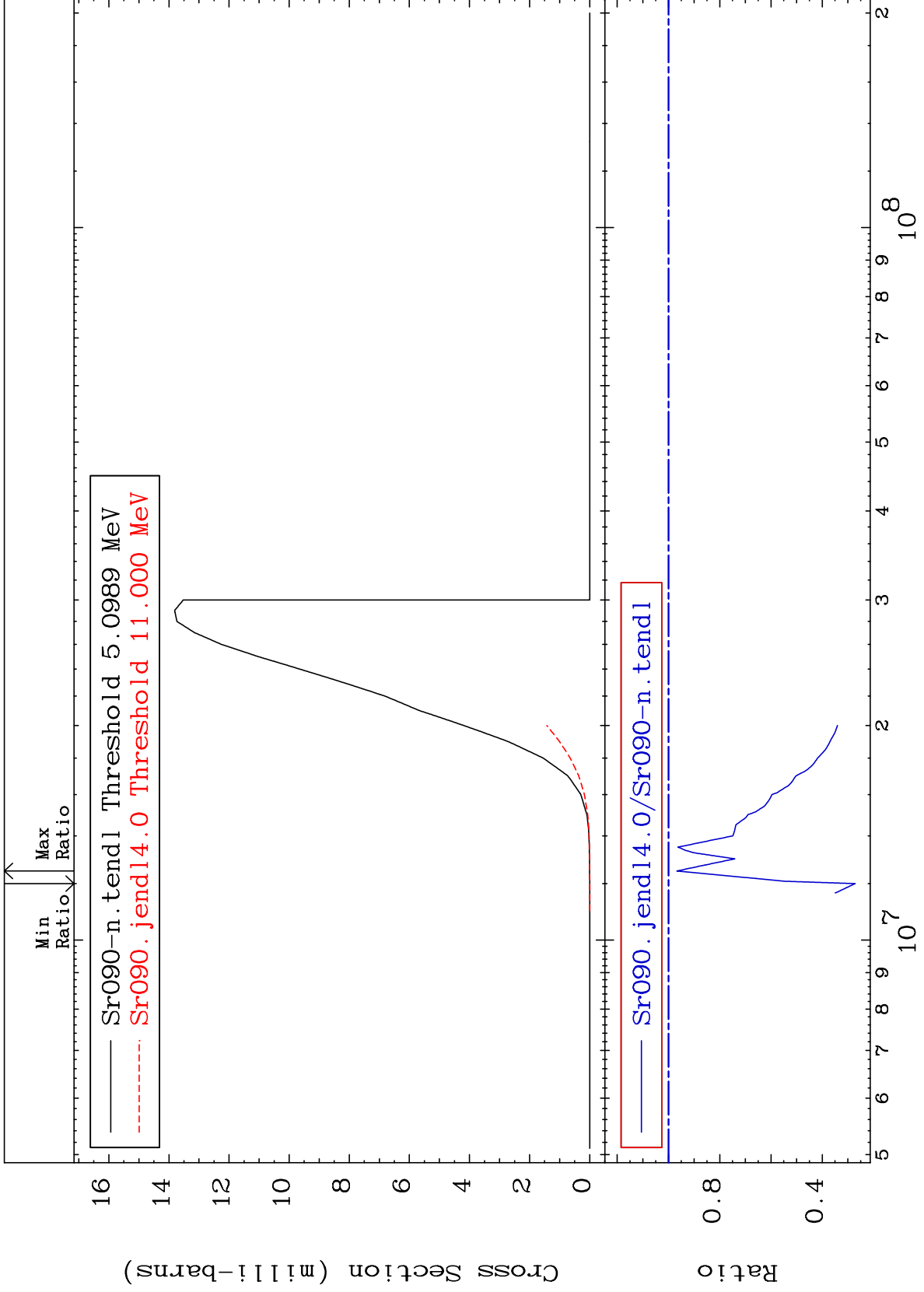
38-Sr-90
-23.41 To -9.190%



MAT 3843

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

^{38}Sr - ^{90}Sr -90
-72.82 To -3.295%



6

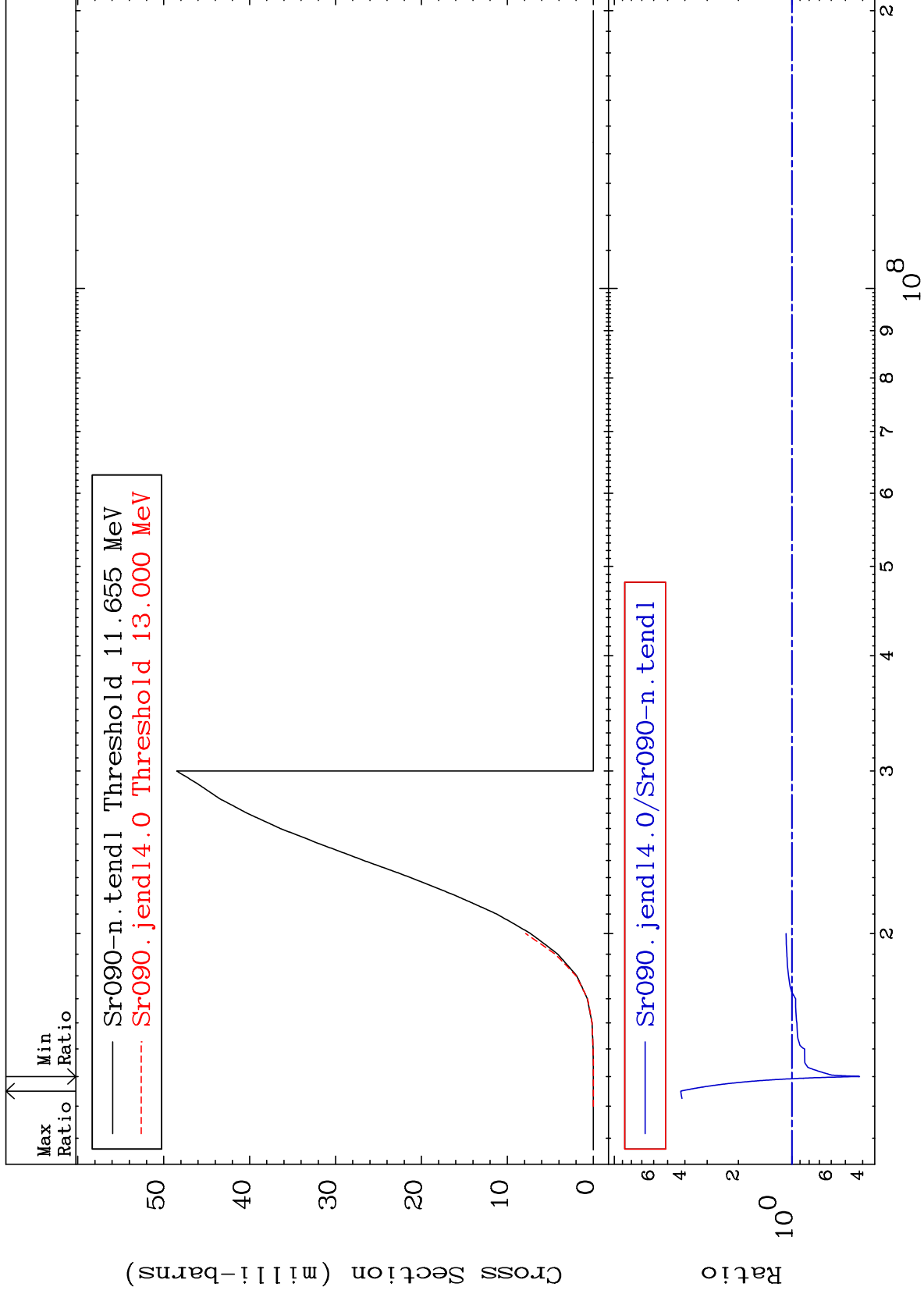
Incident Energy (eV)

^{38}Sr - ^{90}Sr -90

MAT 3843

(n,n') p
Cross Section

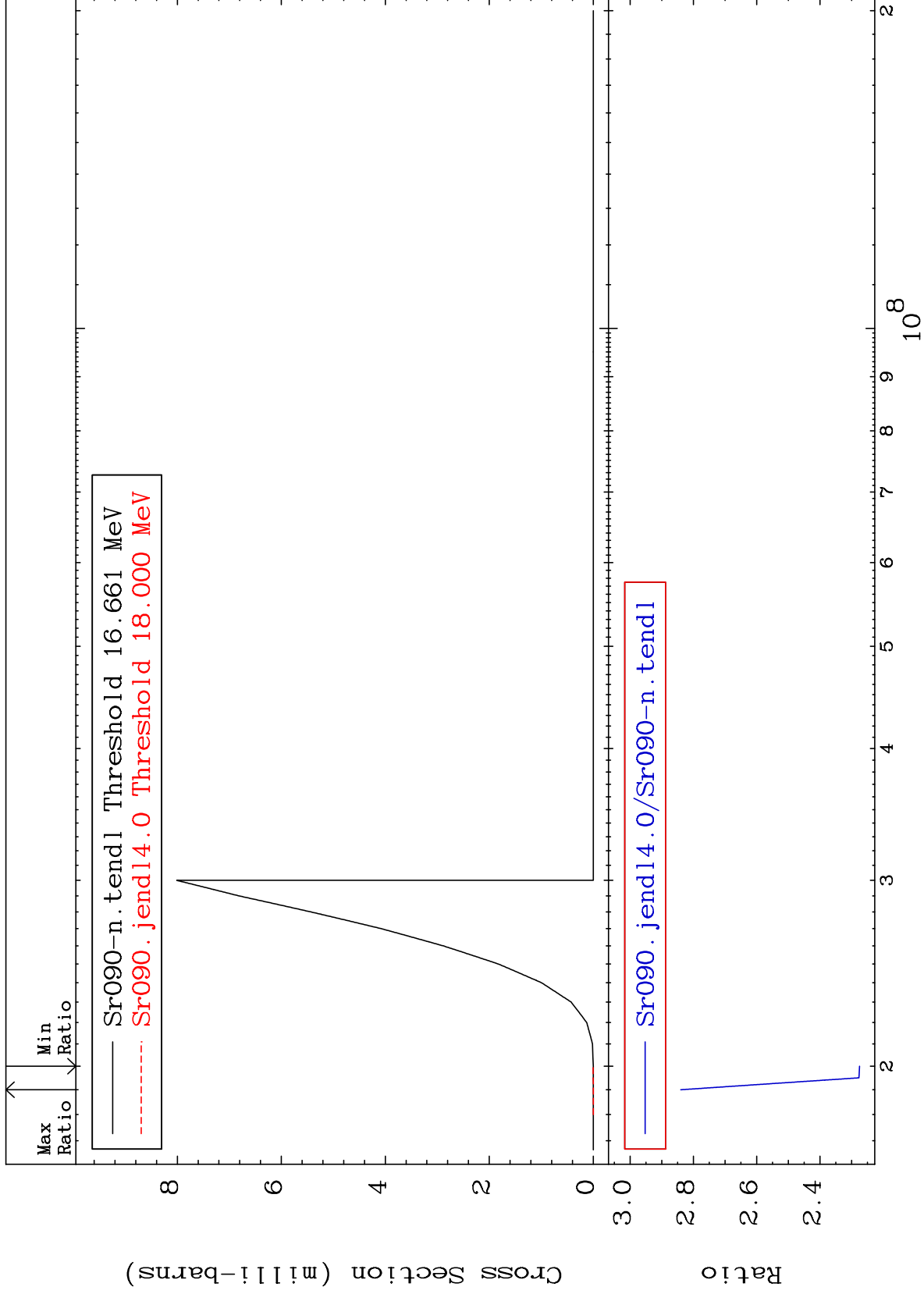
38-Sr-90
-58.39 To 322.1 %



MAT 3843

(n,n') d
Cross Section

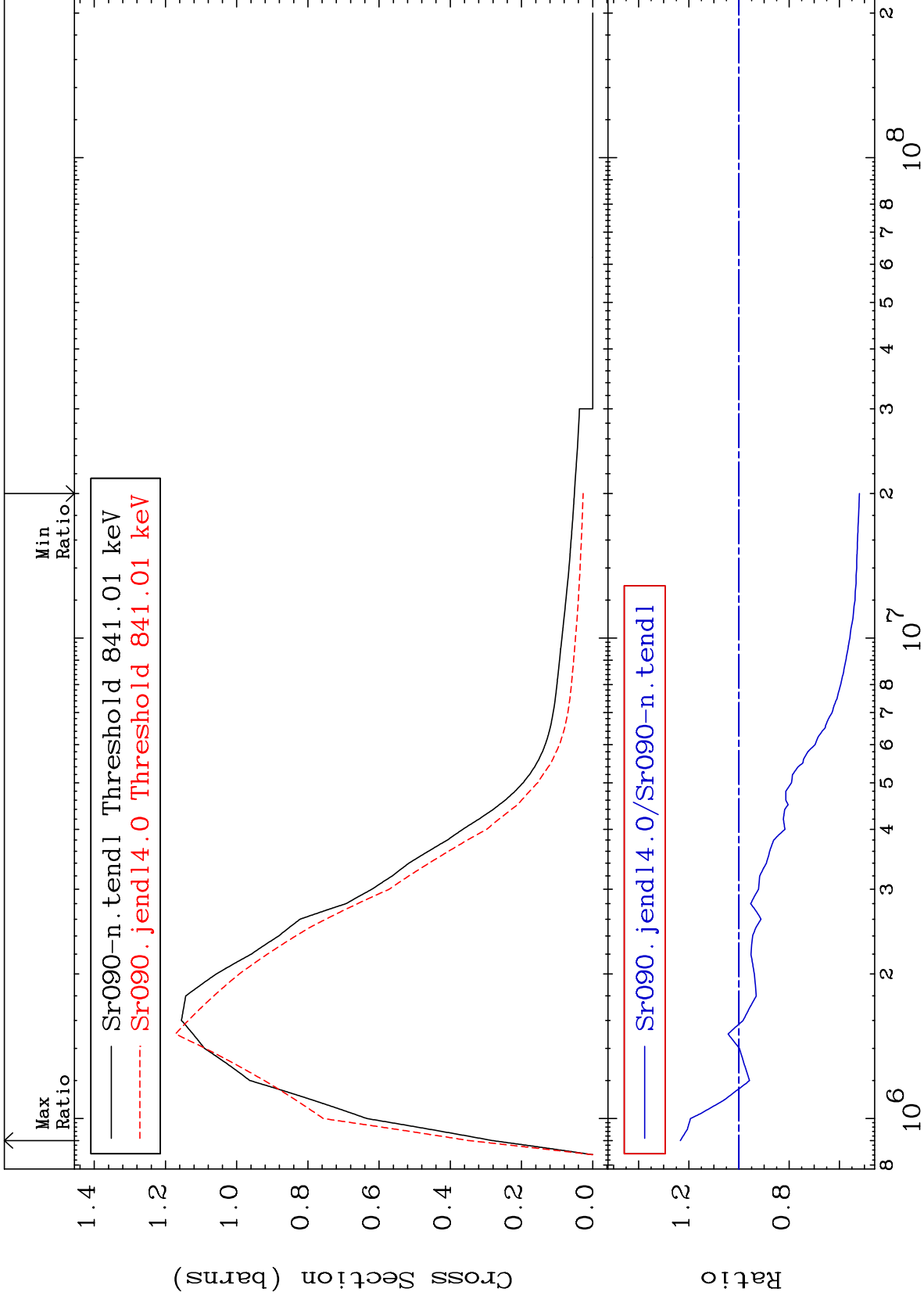
38-Sr-90
127.5 To 184.0 %



MAT 3843

831.7 keV (n,n') Level
Cross Section

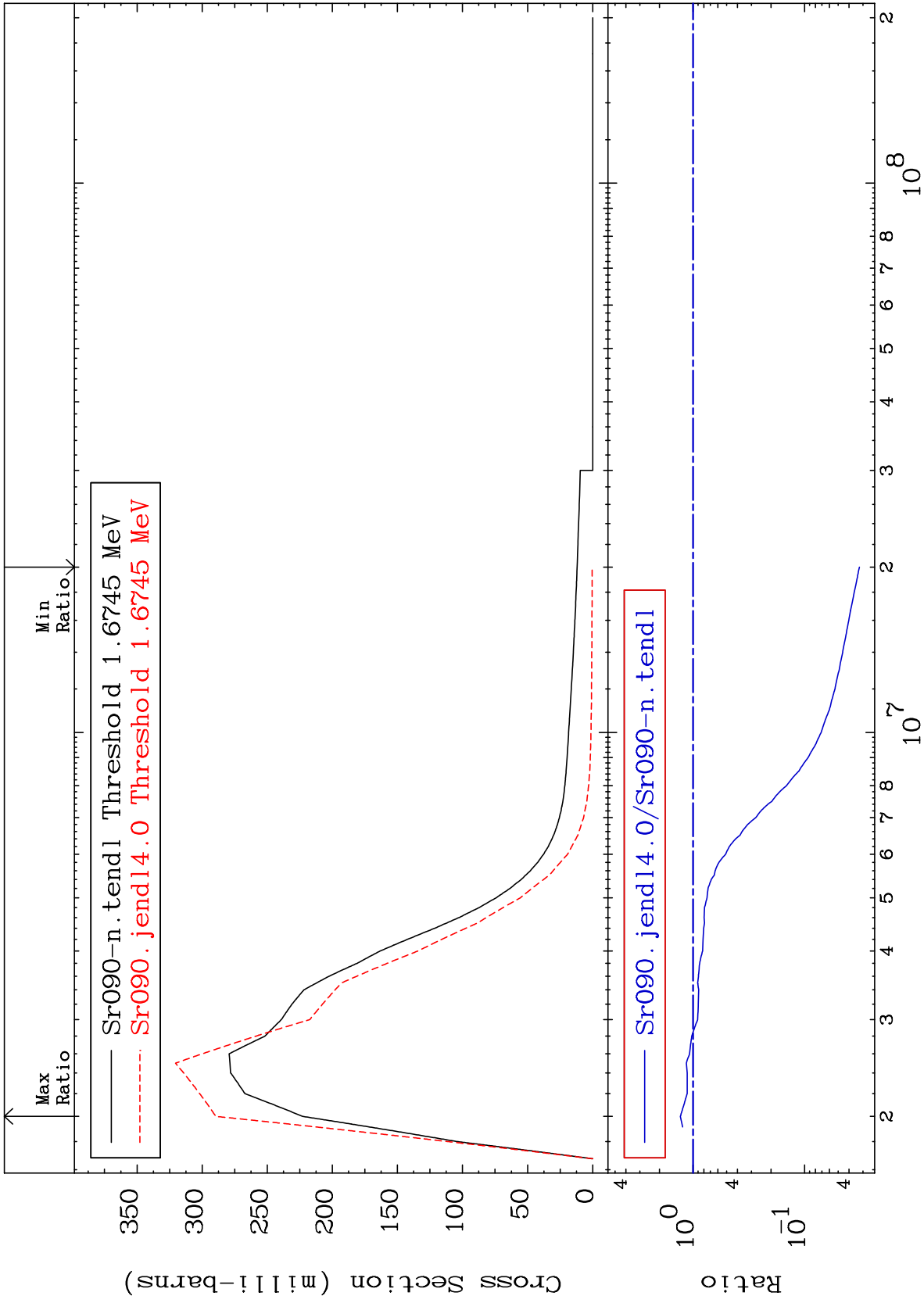
38-Sr-90
-48.02 To 23.37 %



MAT 3843

1.656 MeV (n,n') Level
Cross Section

38-Sr-90
-96.78 To 29.91 %



10

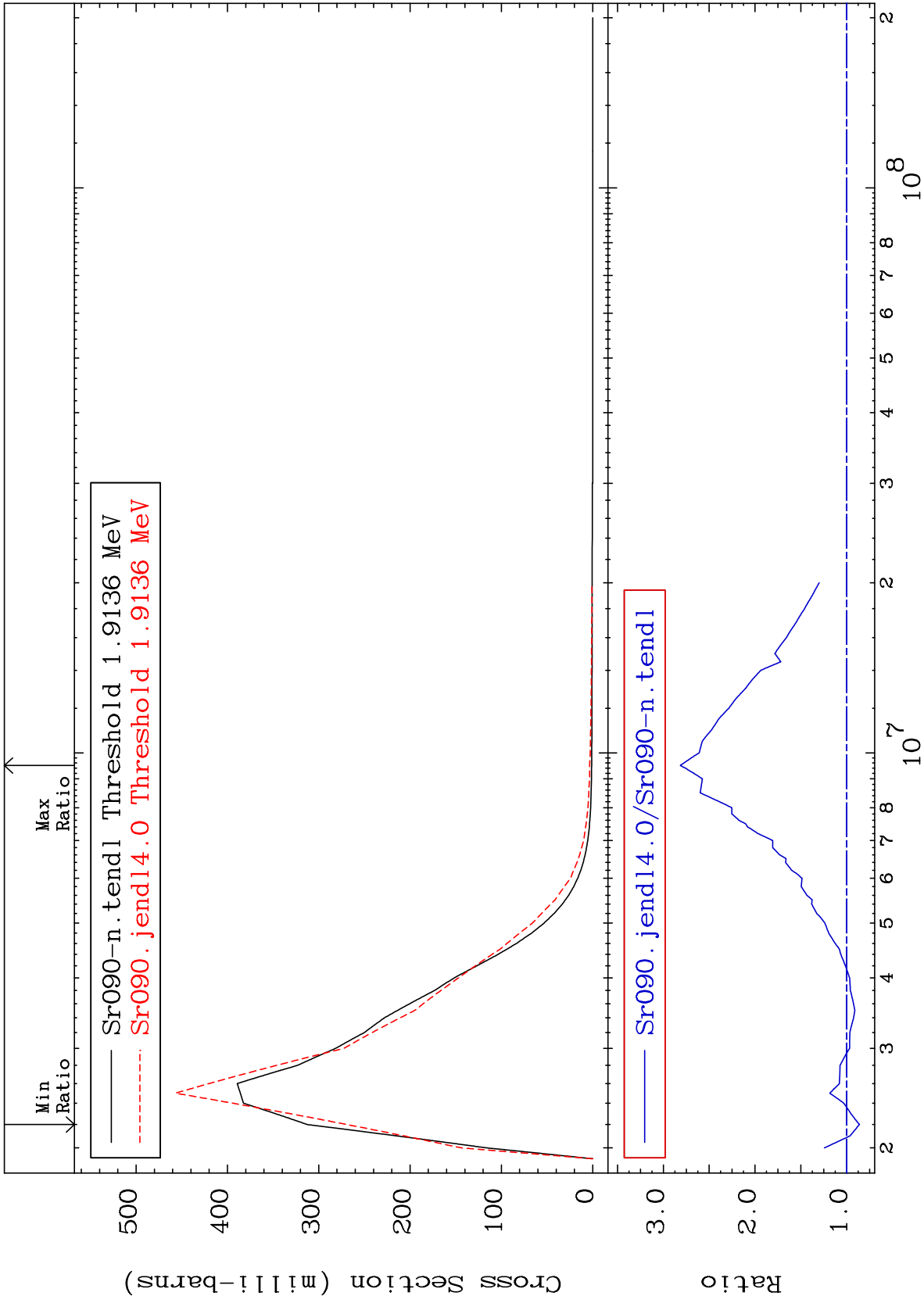
Incident Energy (eV)

38-Sr-90

MAT 3843

1.892 MeV (n,n') Level
Cross Section

38-Sr-90
-13.93 To 181.5 %



11

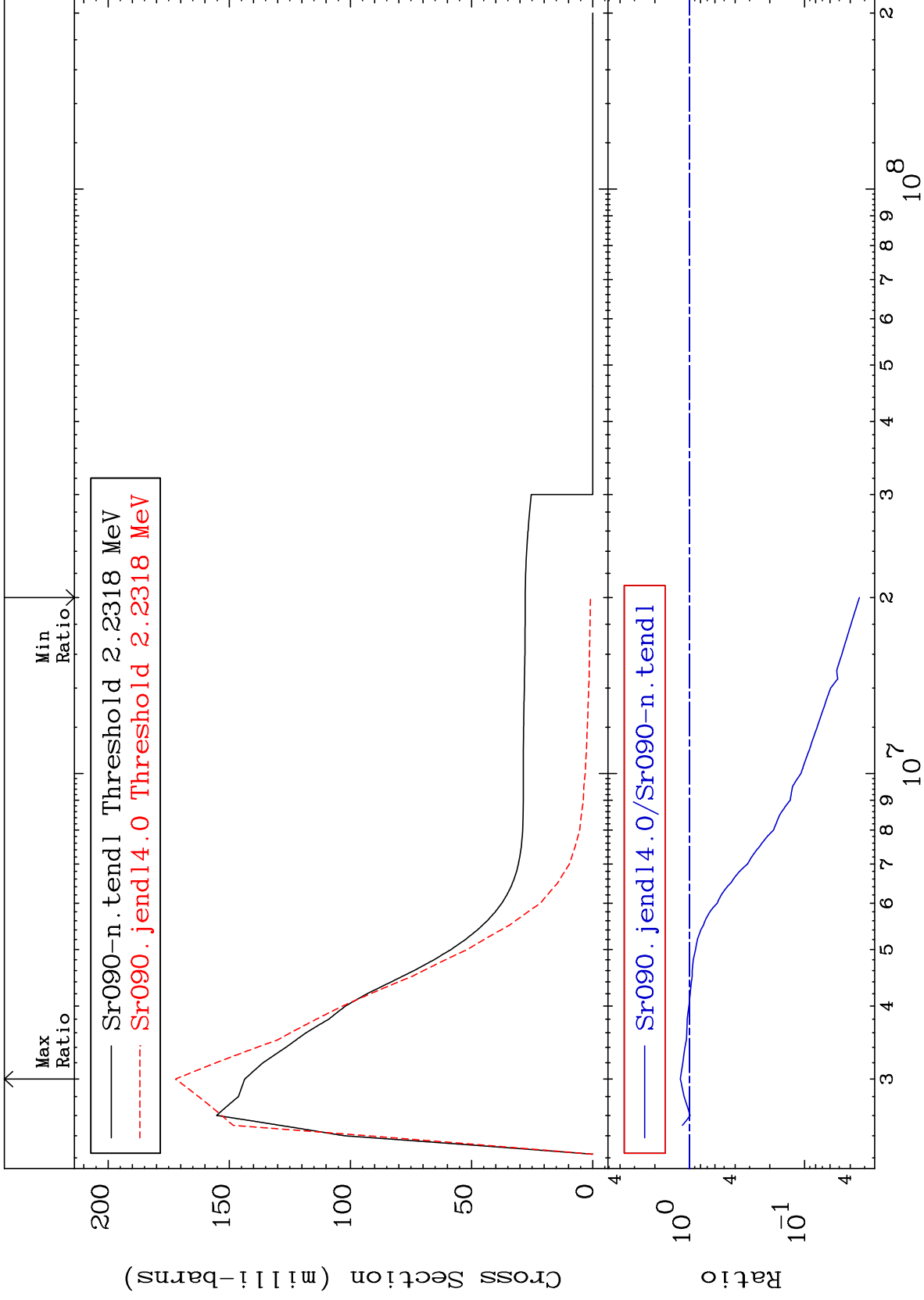
38-Sr-90

38-Sr-90

MAT 3843

2.207 MeV (n,n') Level
Cross Section

38-Sr-90
-96.67 To 19.91 %



12

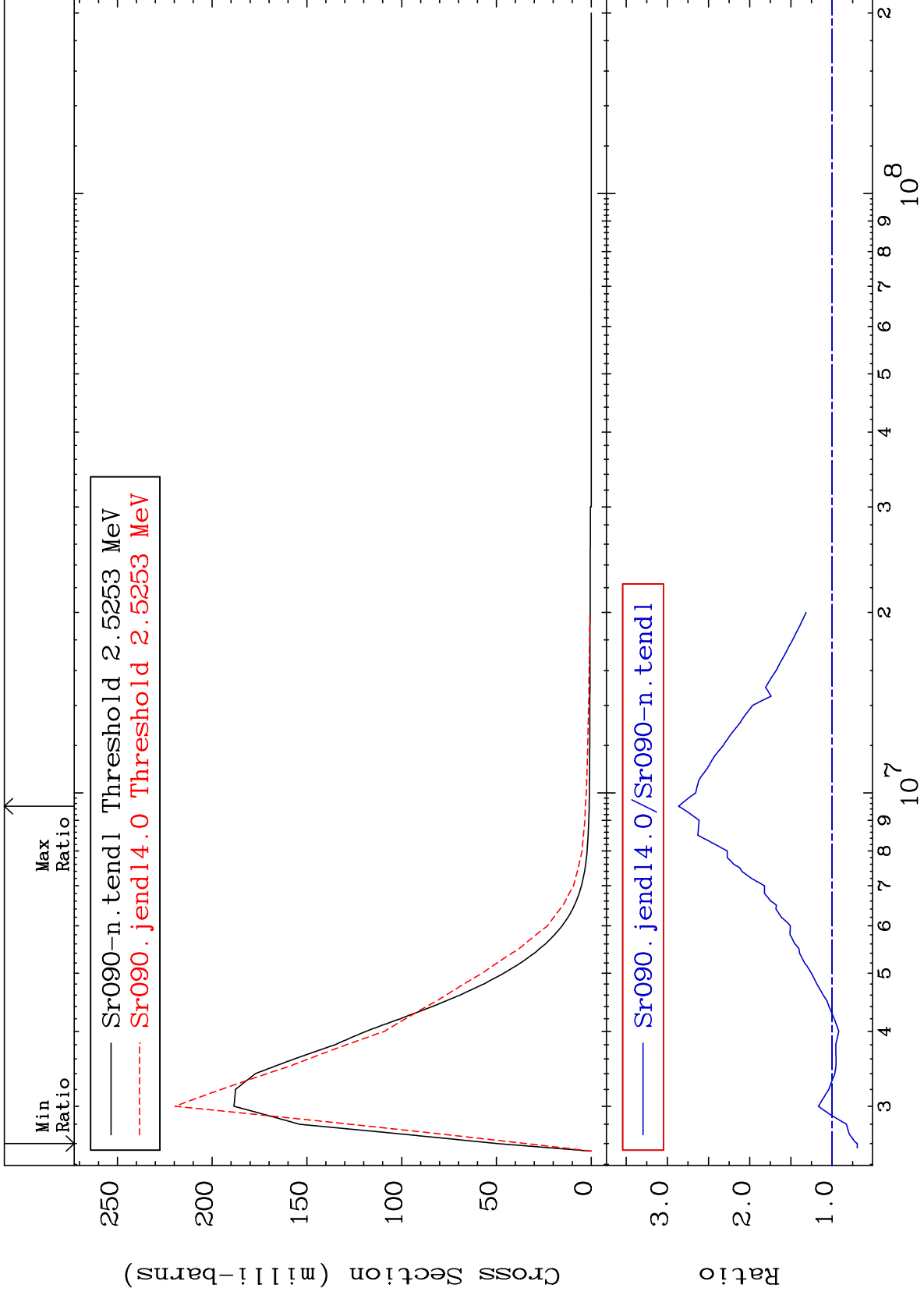
Incident Energy (eV)

38-Sr-90

MAT 3843

2.497 MeV (n,n') Level
Cross Section

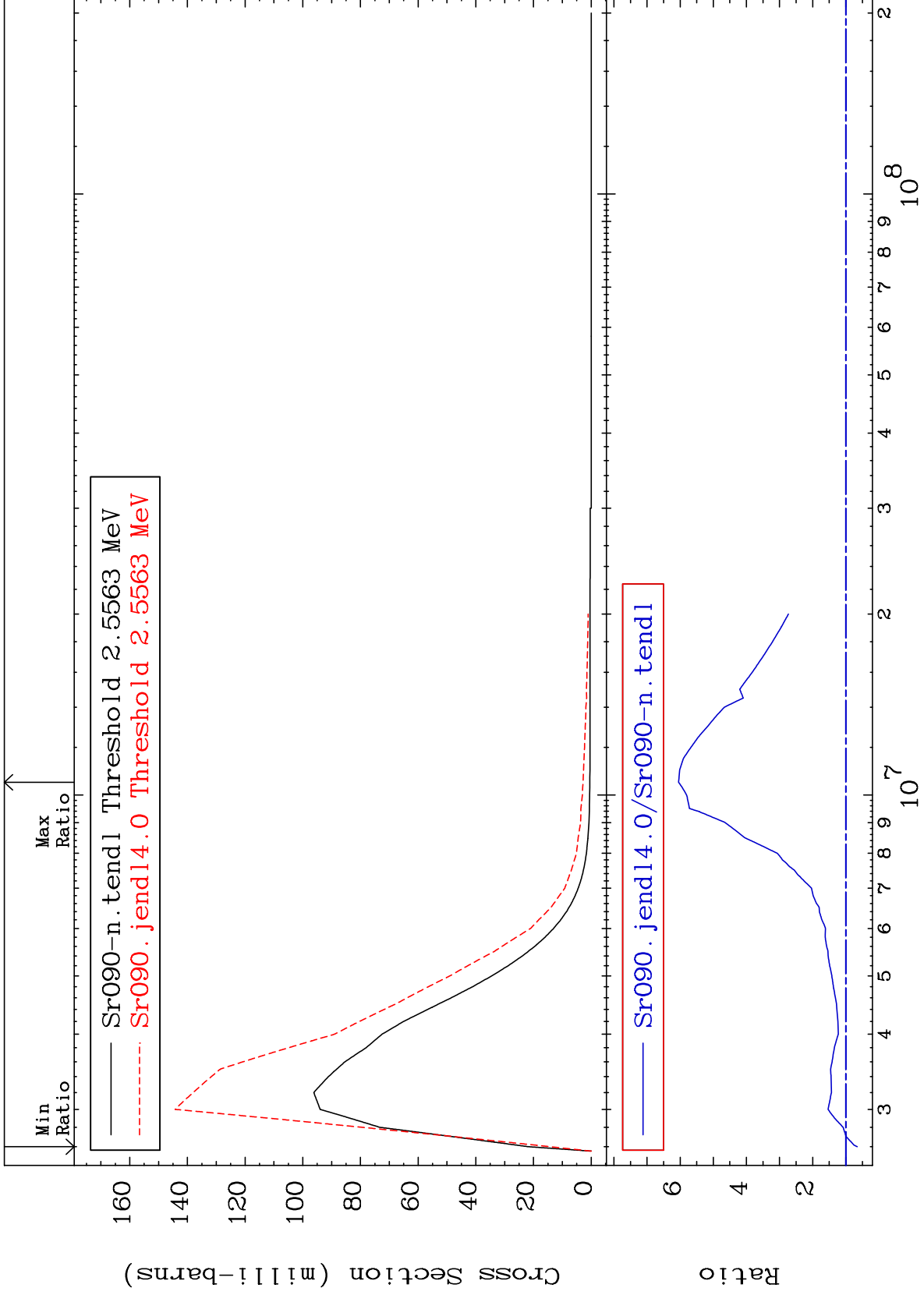
38-Sr-90
-30.59 To 186.3 %



MAT 3843

2.528 MeV (n,n') Level
Cross Section

38-Sr-90
-34.57 To 504.6 %



14

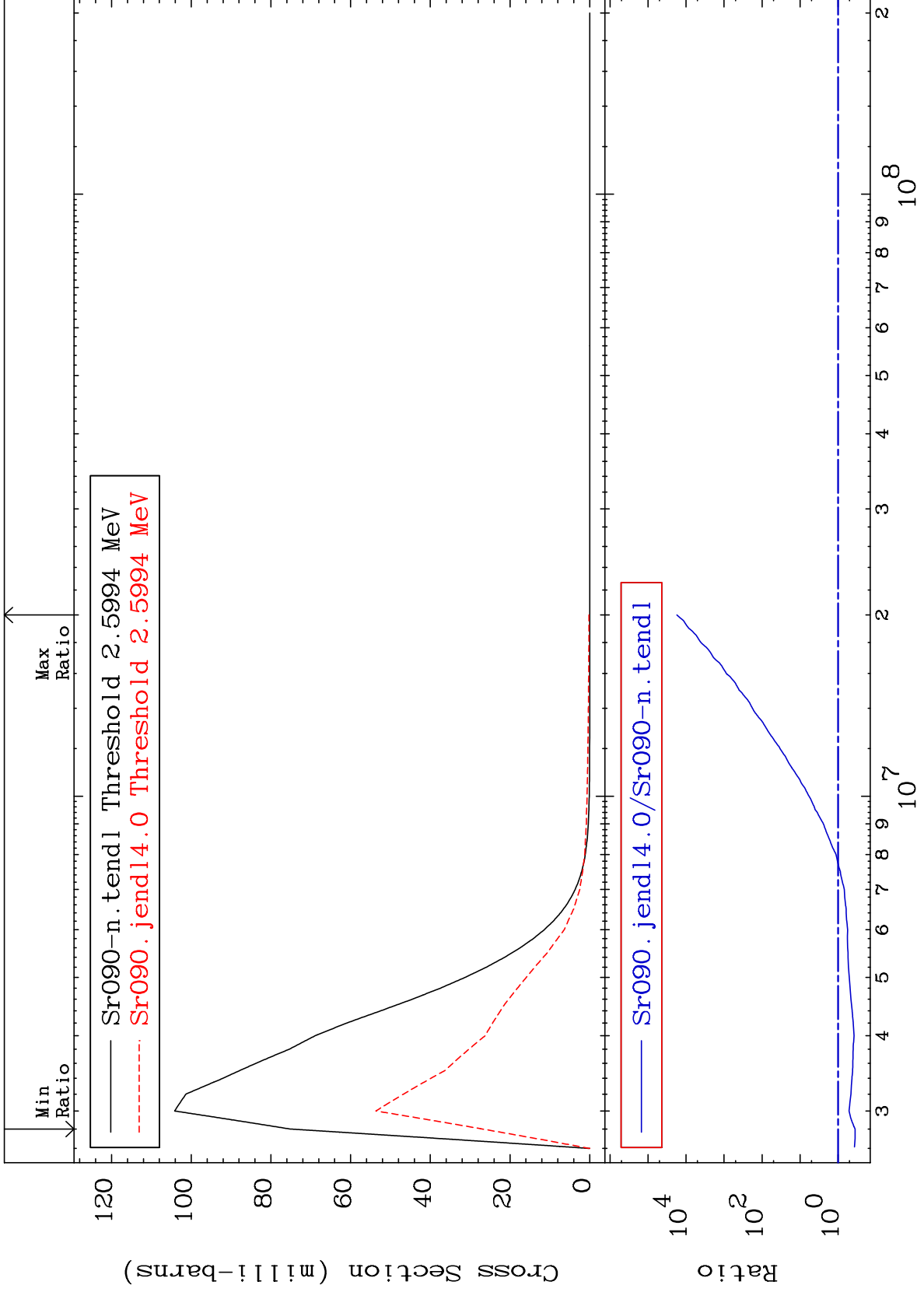
Incident Energy (eV)

38-Sr-90

MAT 3843

2.571 MeV (n,n') Level
Cross Section

38-Sr-90
-64.26 To 9999. %



15

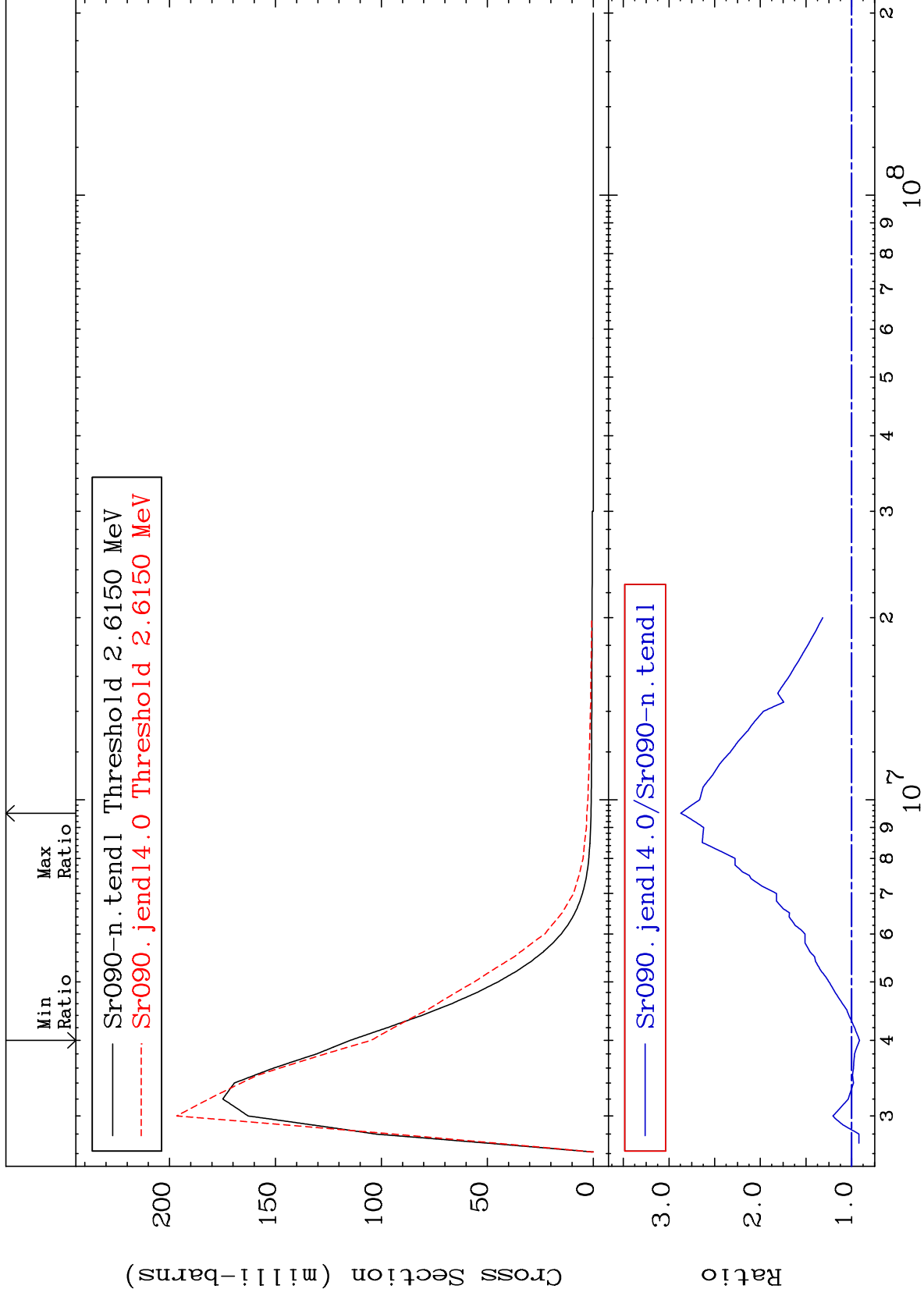
Incident Energy (eV)

38-Sr-90

MAT 3843

2.586 MeV (n,n') Level
Cross Section

38-Sr-90
-8.562 To 187.1 %



16

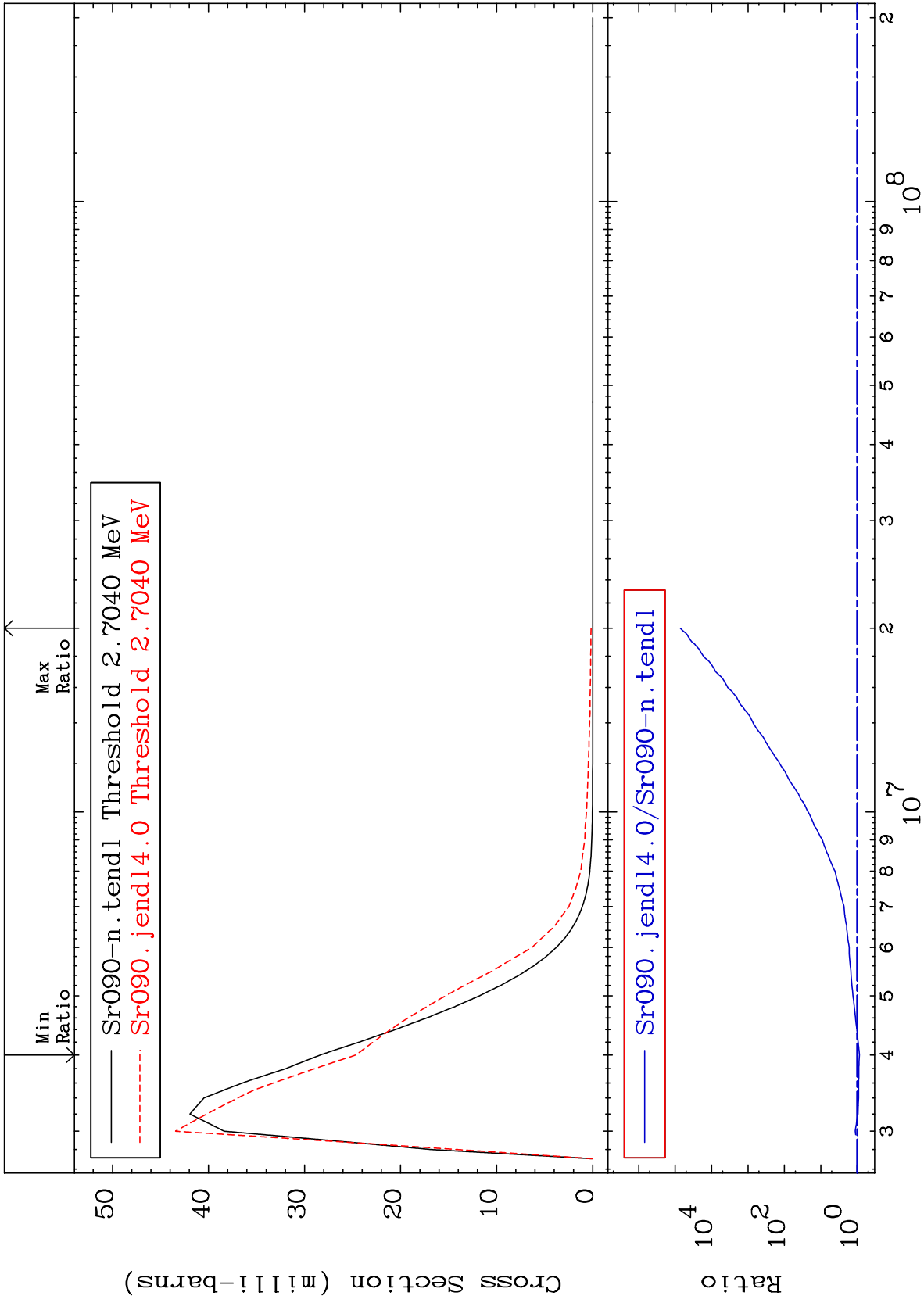
Incident Energy (eV)

38-Sr-90

MAT 3843

2.674 MeV (n,n') Level
Cross Section

38-Sr-90
-13.14 To 9999. %



17

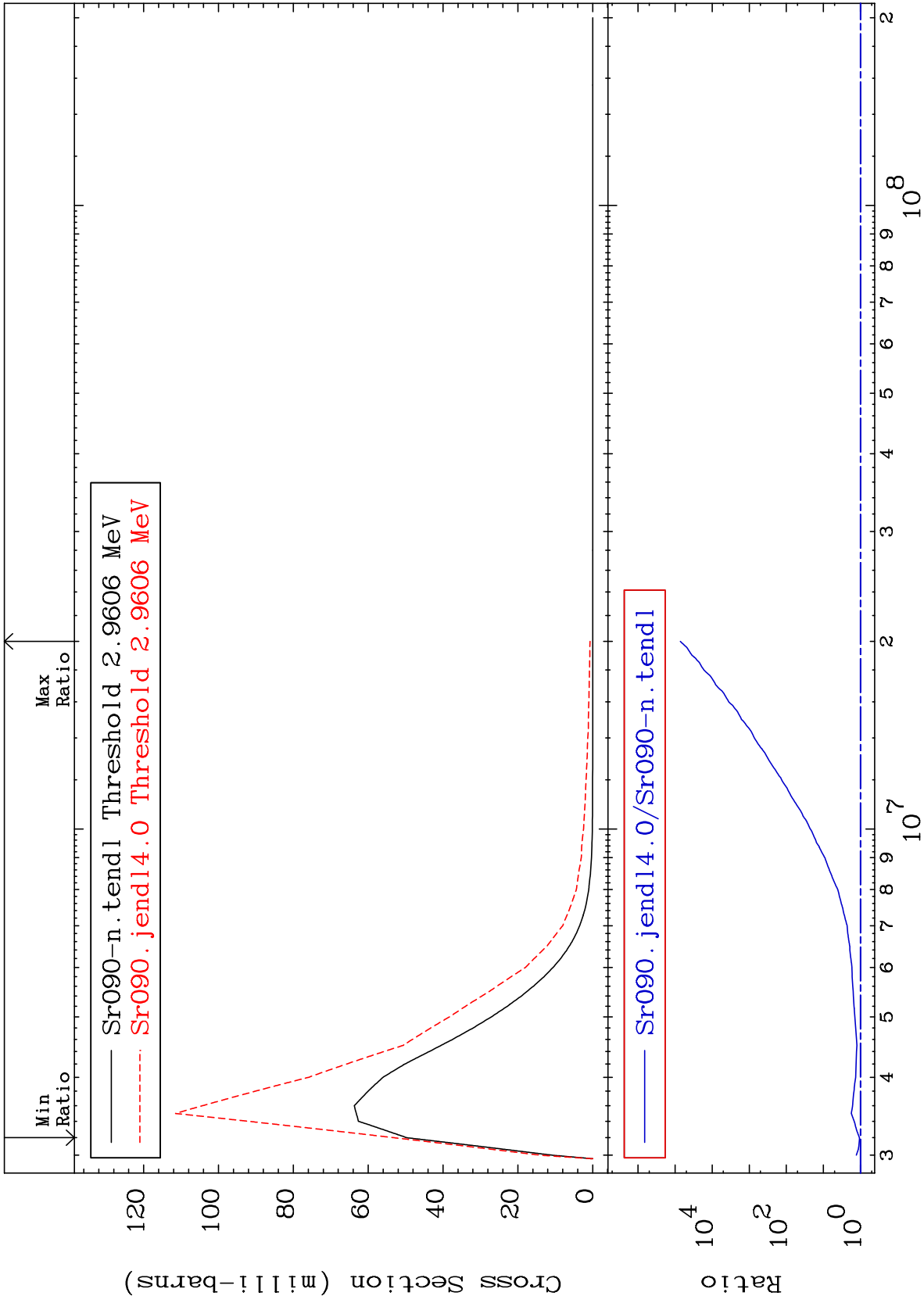
Incident Energy (eV)

38-Sr-90

MAT 3843

2.928 MeV (n,n') Level
Cross Section

38-Sr-90
6.765 To 9999. %



18

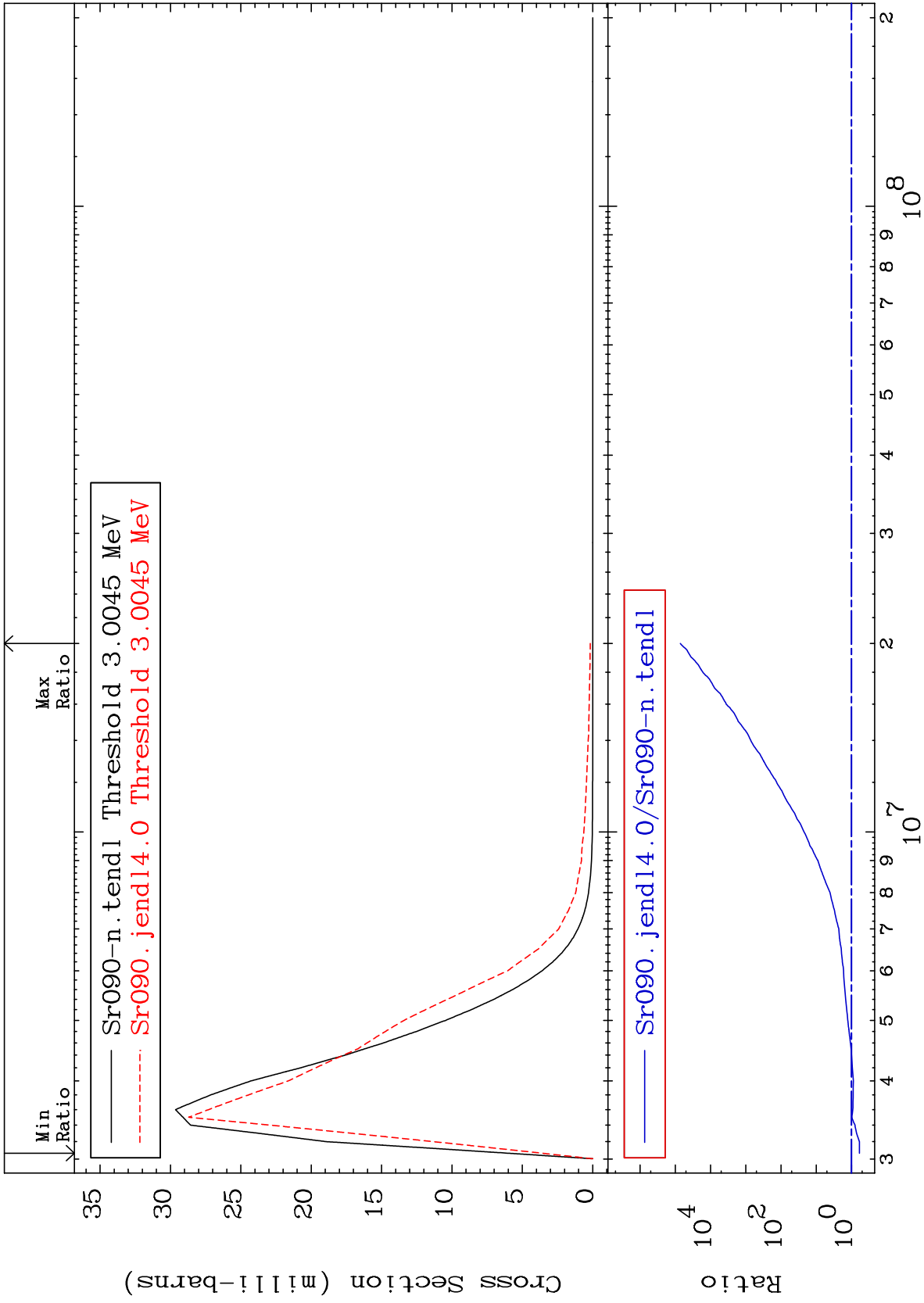
38-Sr-90

38-Sr-90

MAT 3843

2.971 MeV (n,n') Level
Cross Section

38-Sr-90
-40.19 To 9999. %



19

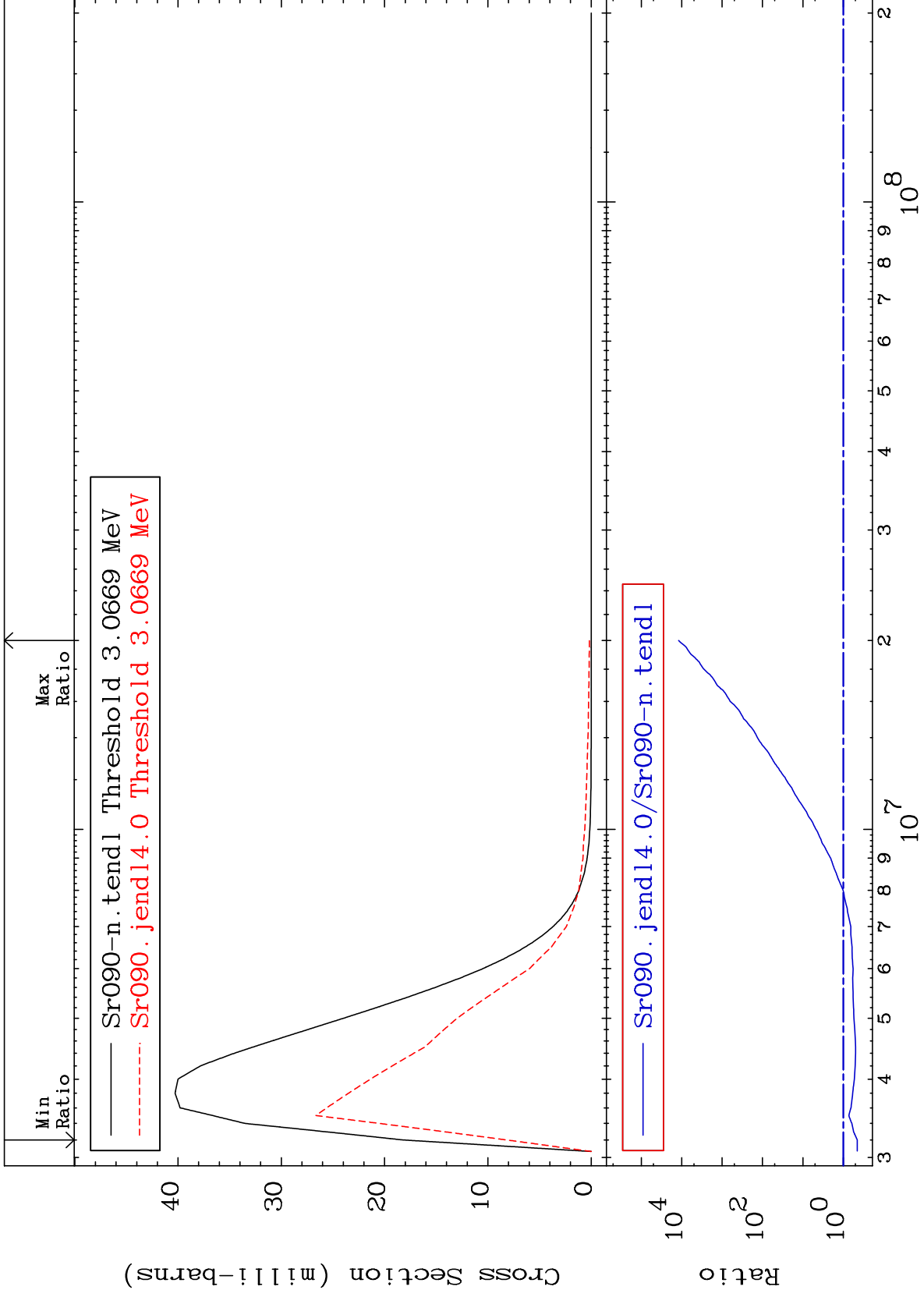
Incident Energy (eV)

38-Sr-90

MAT 3843

3.033 MeV (n,n') Level
Cross Section

38-Sr-90
-55.04 To 9999. %



20

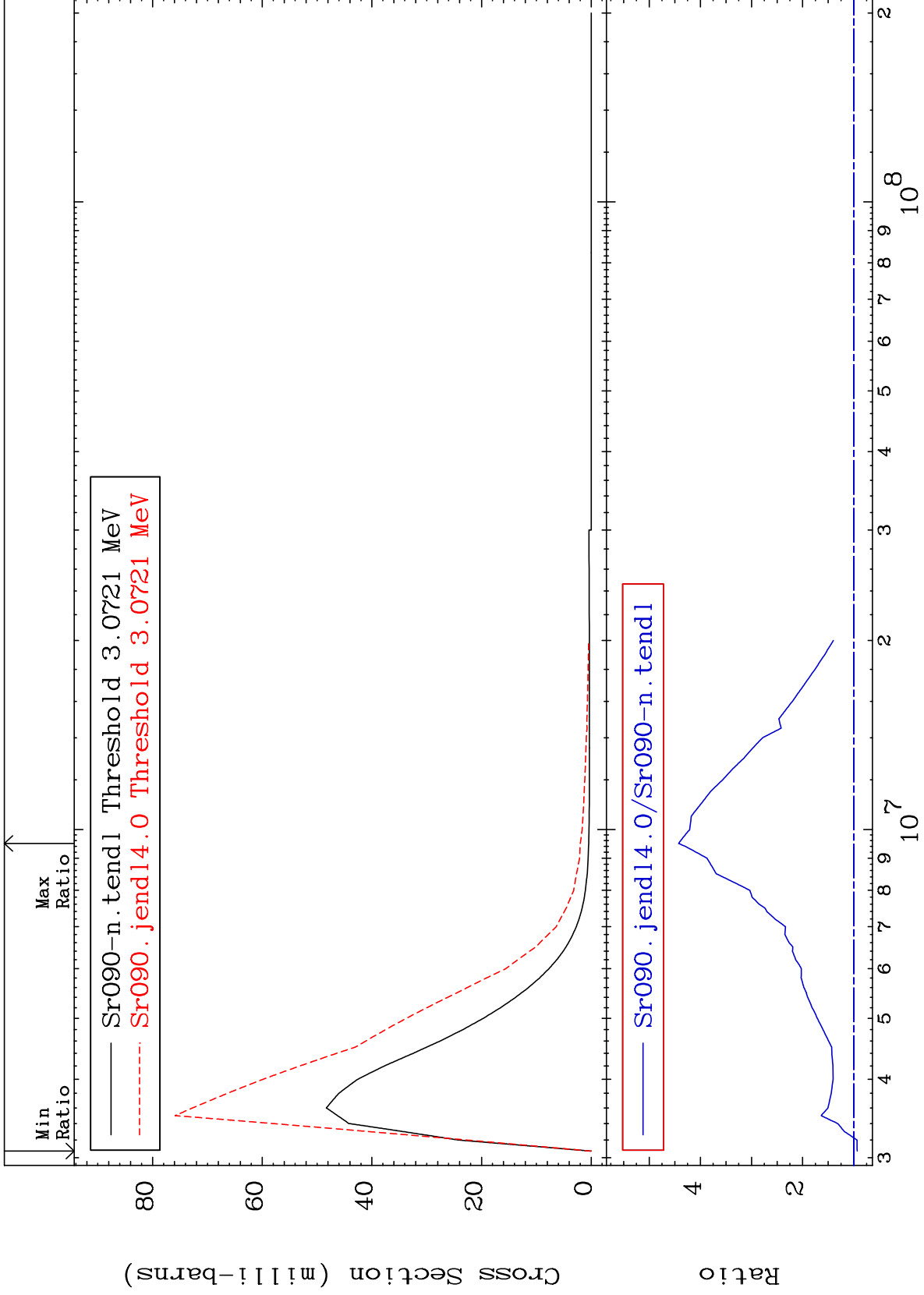
Incident Energy (eV)

38-Sr-90

MAT 3843

3.038 MeV (n,n') Level
Cross Section

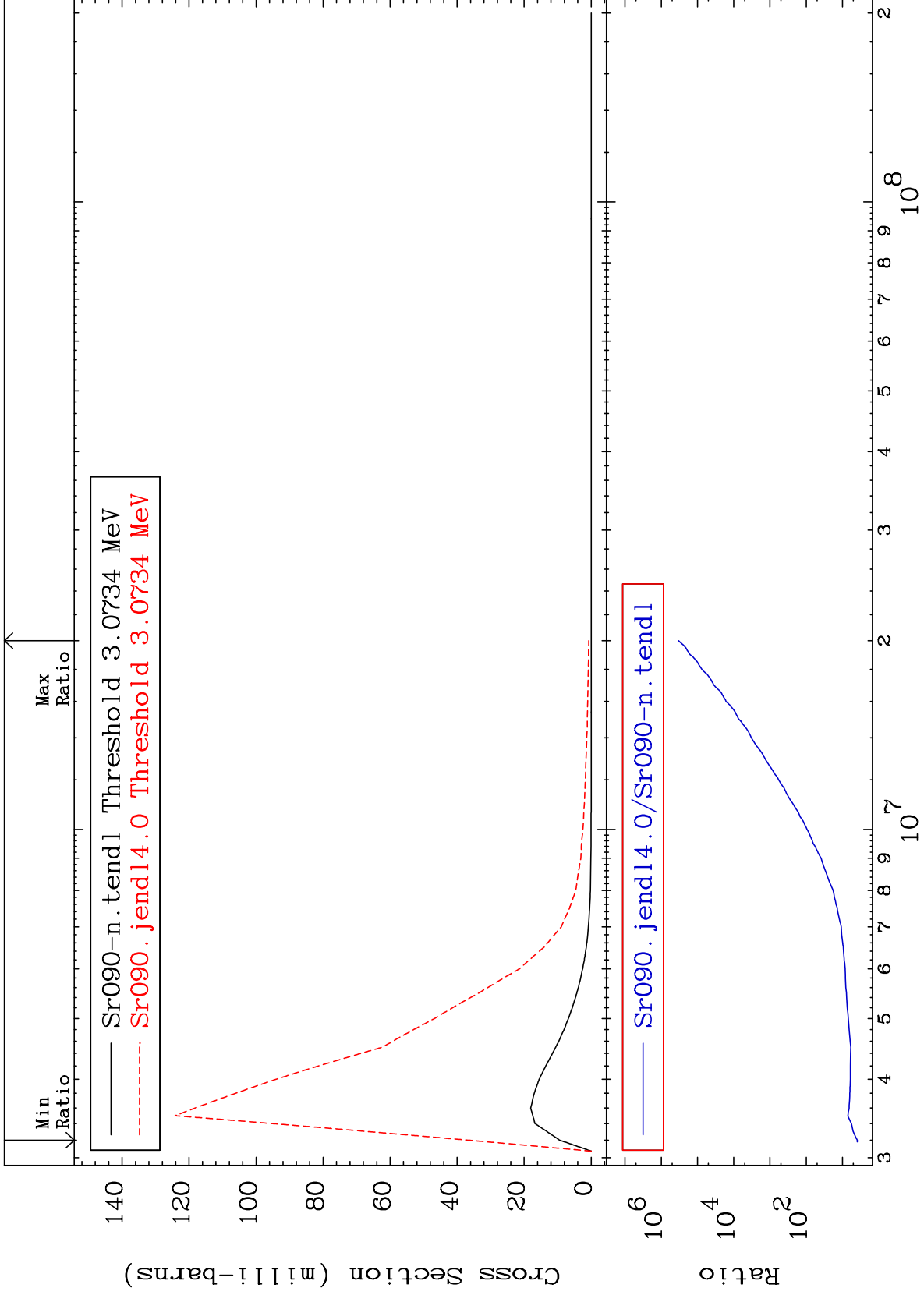
38-Sr-90
-6.719 To 342.4 %



MAT 3843

3.039 MeV (n,n') Level
Cross Section

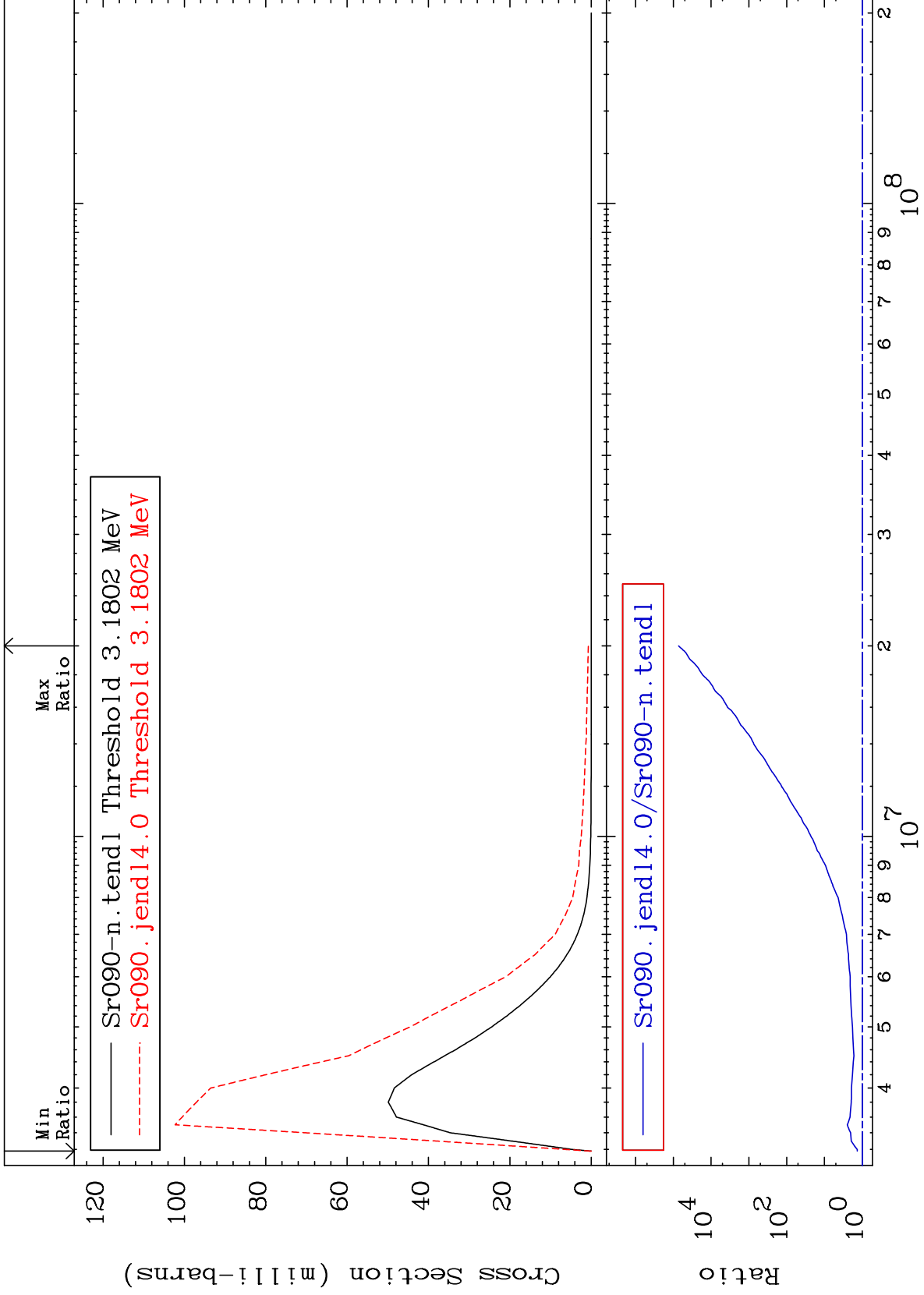
38-Sr-90
290.0 To 9999. %



MAT 3843

3.145 MeV (n,n') Level
Cross Section

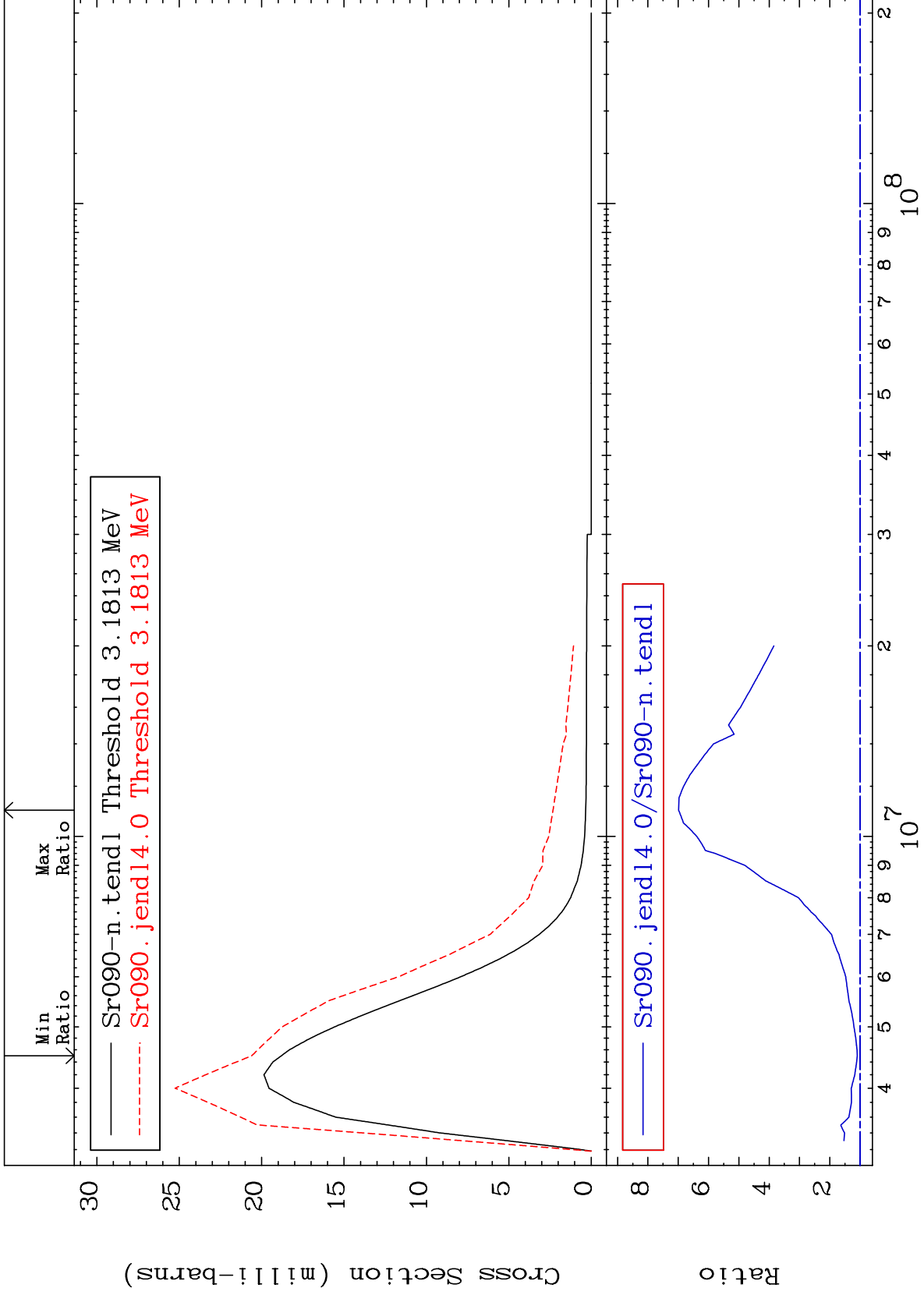
35.38 To 9999. %
38-Sr-90



MAT 3843

3.146 MeV (n,n') Level
Cross Section

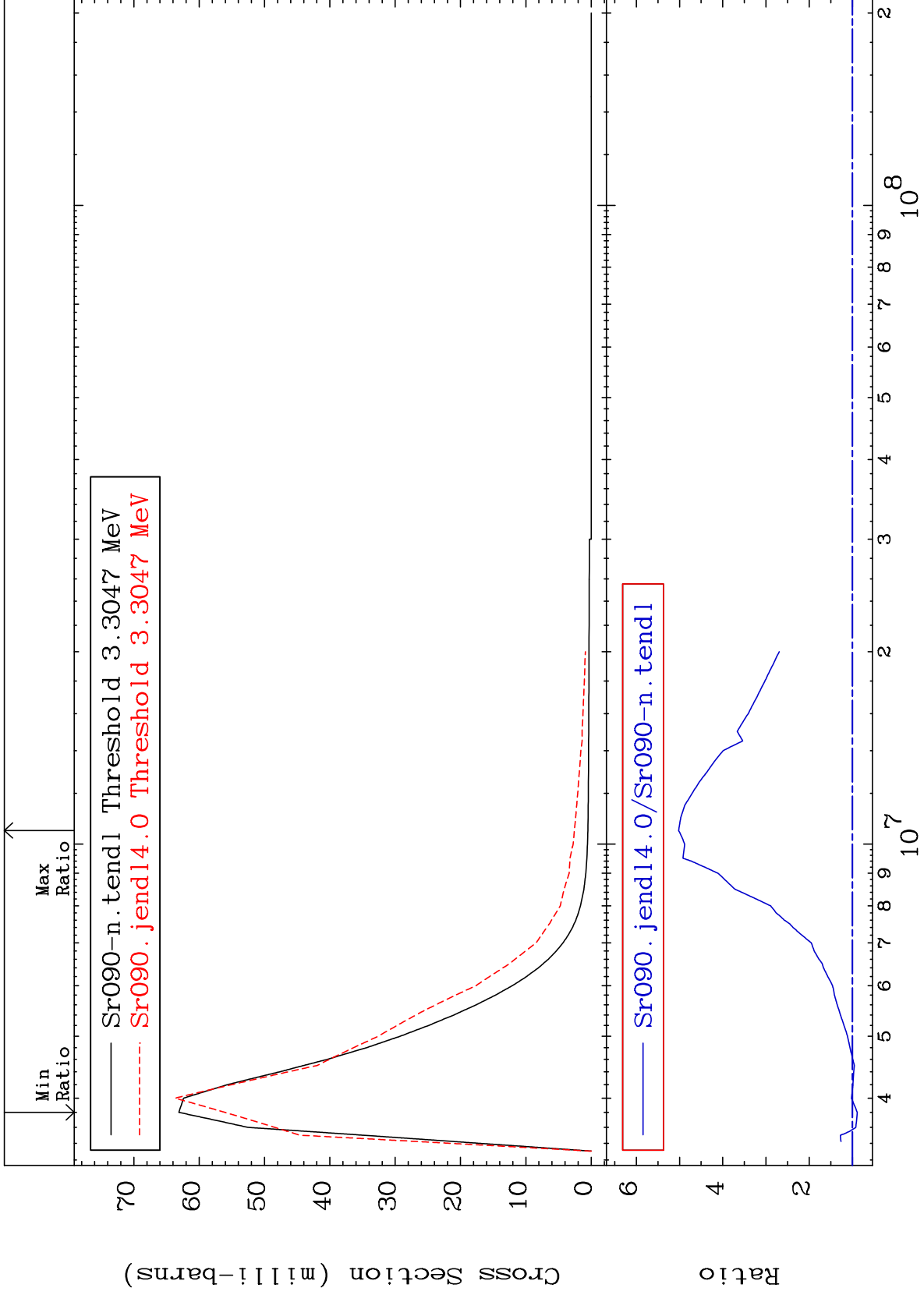
38-Sr-90
9.523 To 598.6 %



MAT 3843

3.268 MeV (n,n') Level
Cross Section

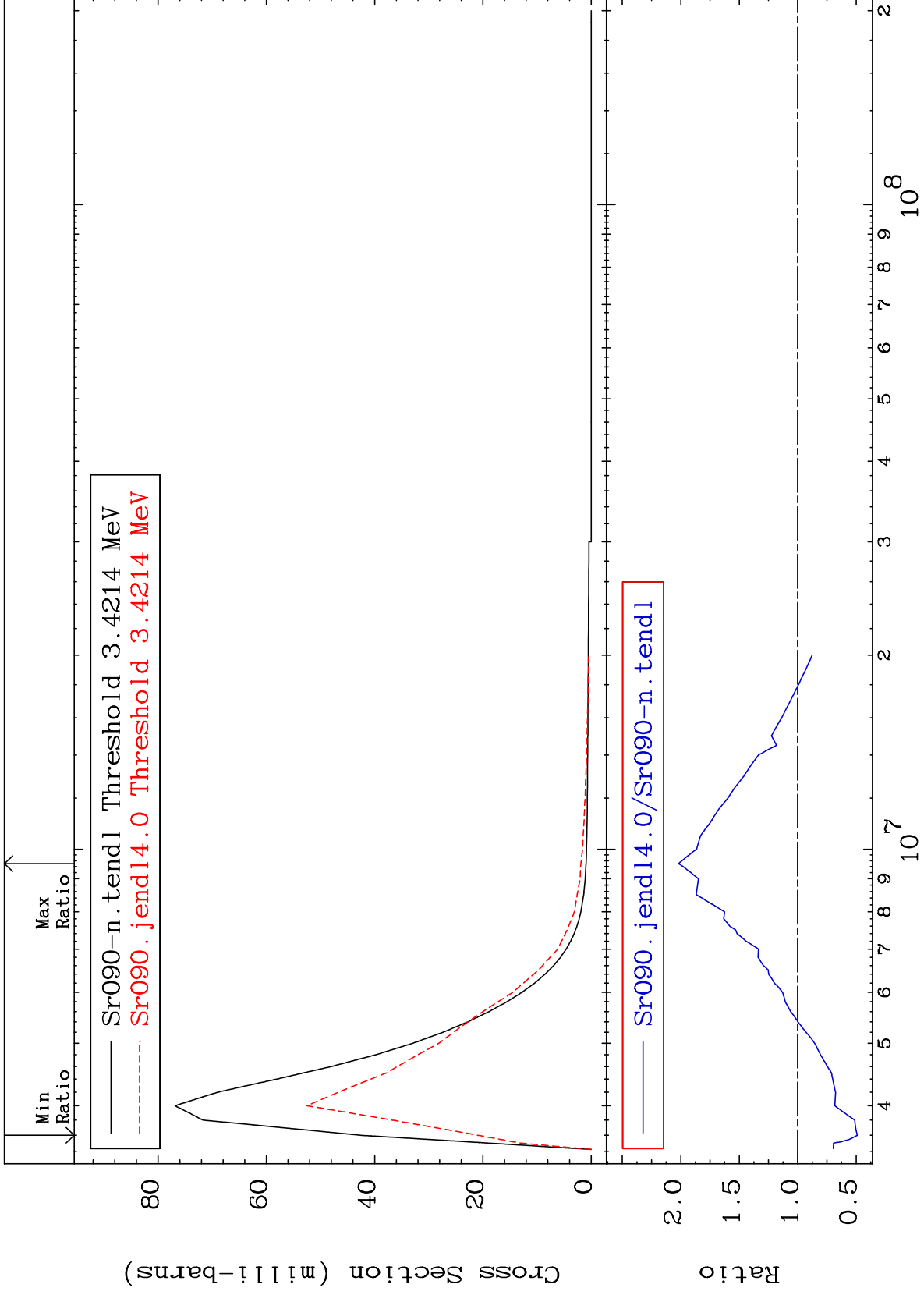
38-Sr-90
-11.18 To 402.1 %



MAT 3843

3.383 MeV (n,n') Level
Cross Section

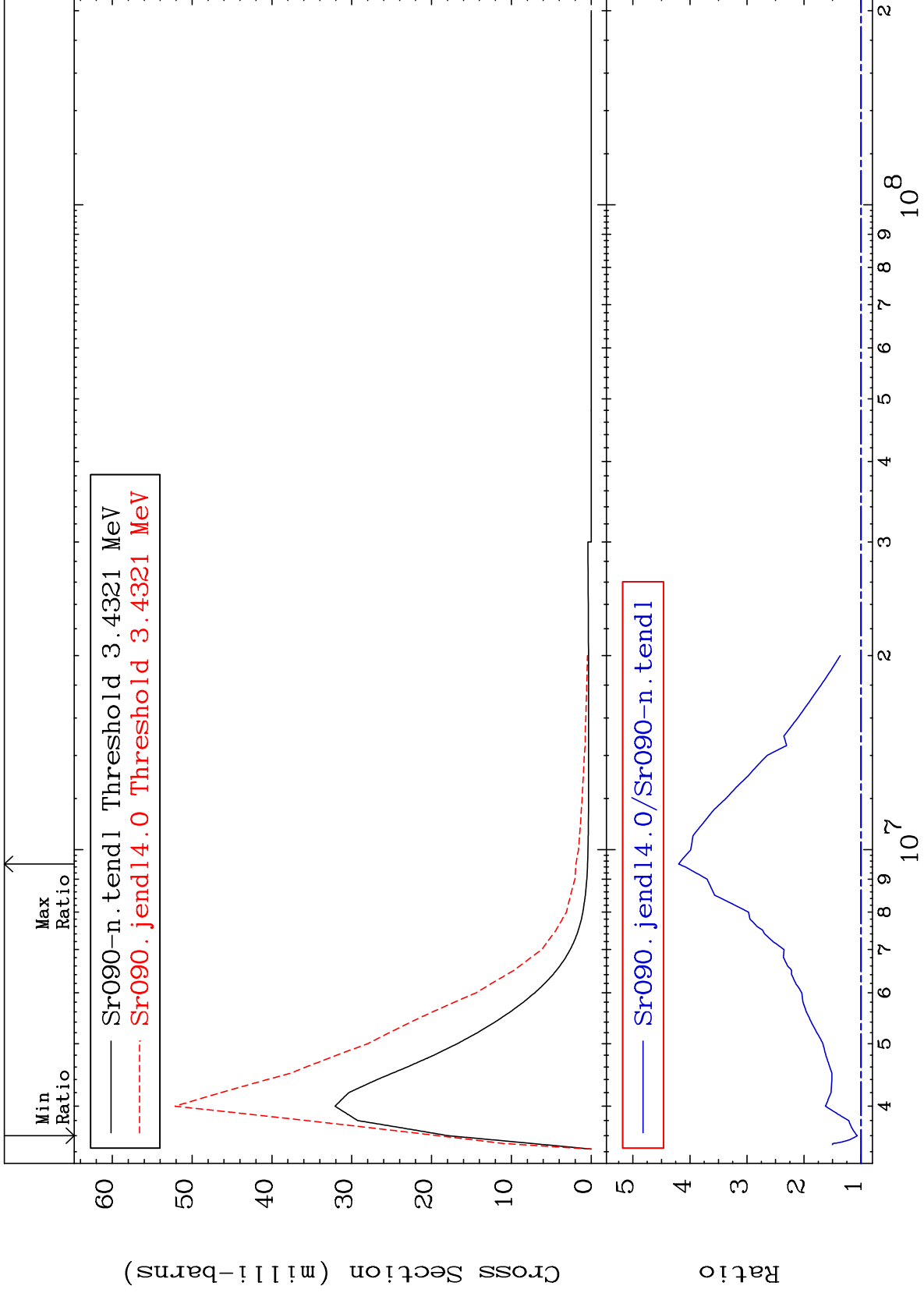
38-Sr-90
-50.94 To 101.8 %

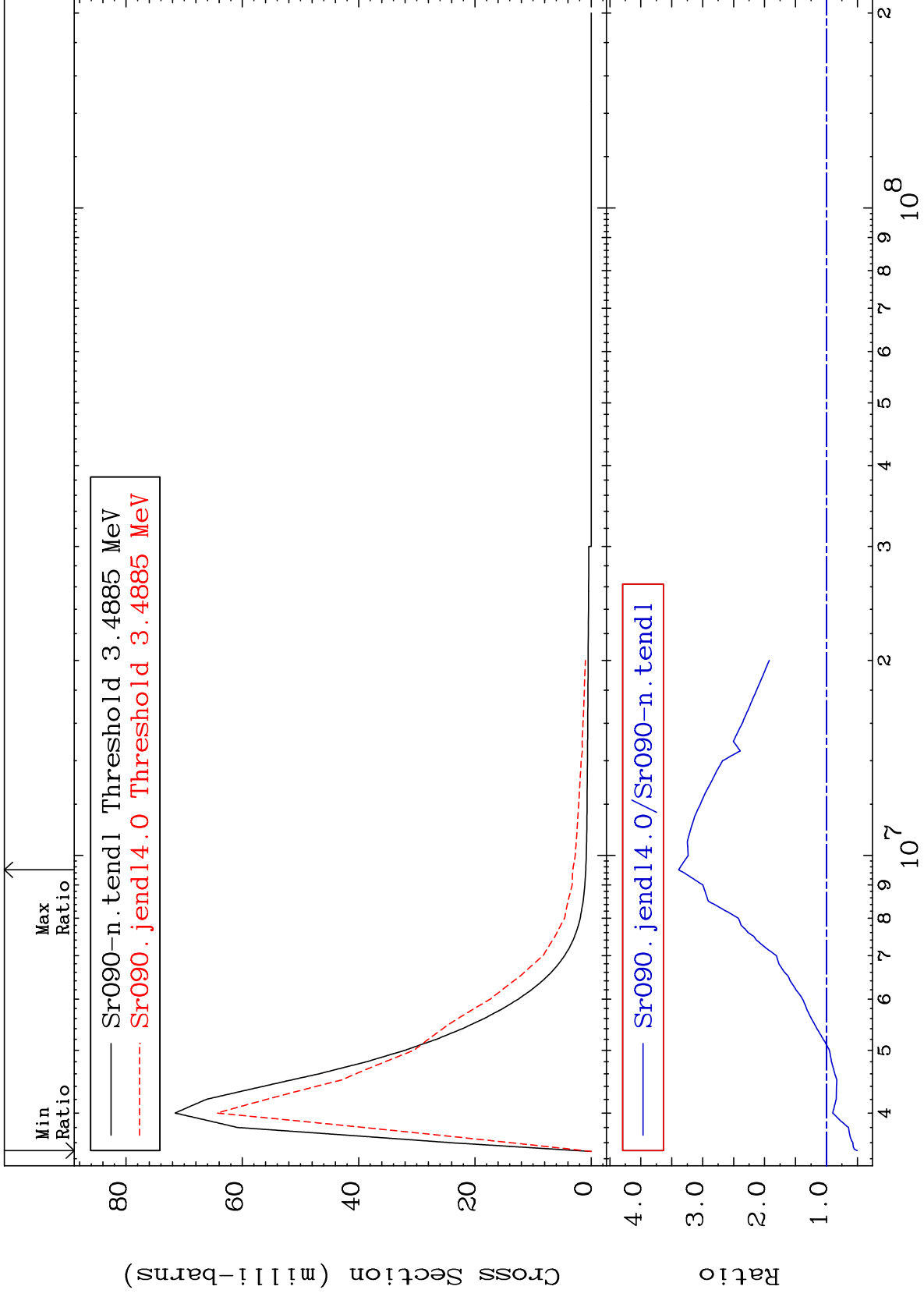


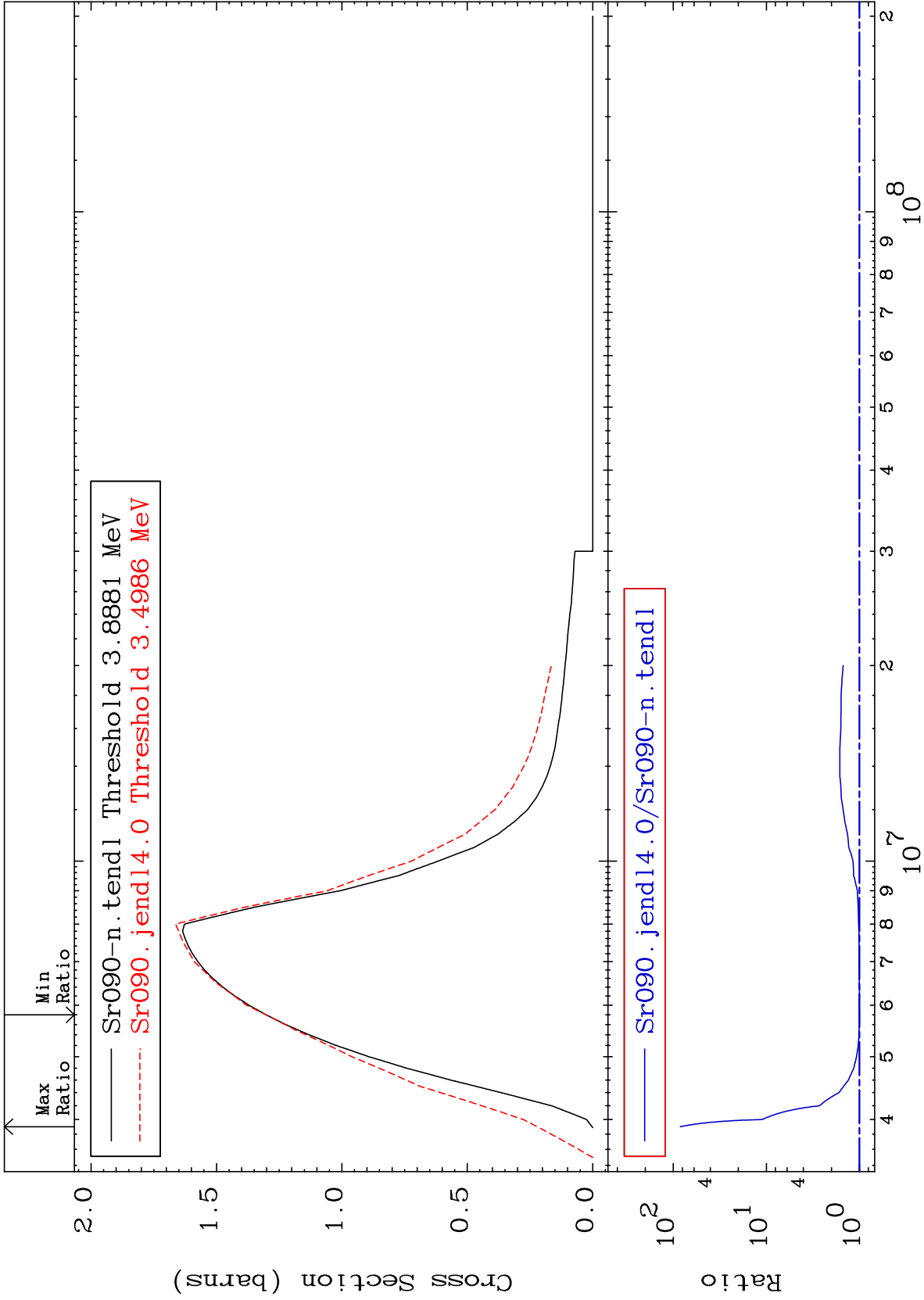
MAT 3843

3.394 MeV (n,n') Level
Cross Section

38-Sr-90
6.732 To 319.9 %







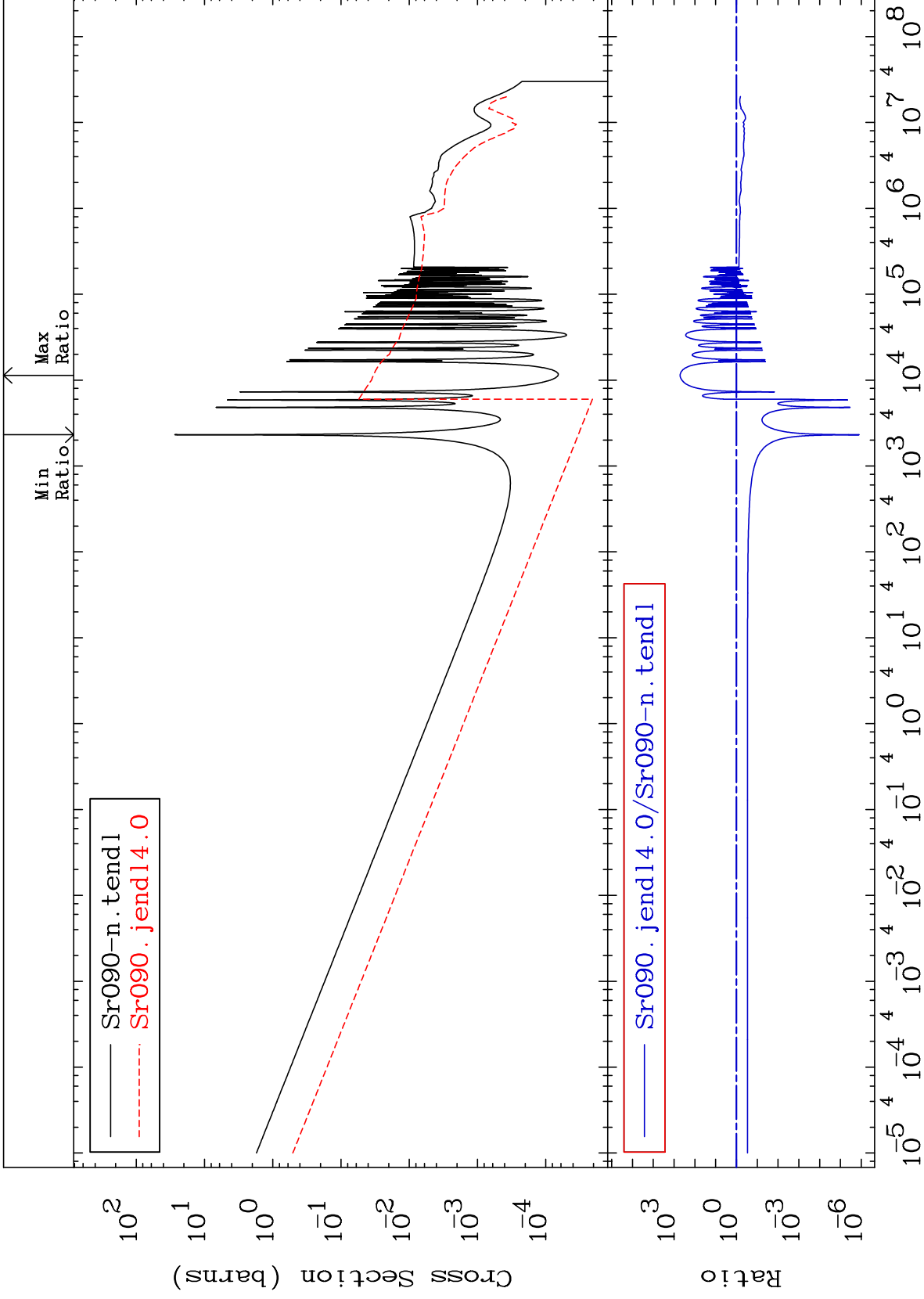
MAT 3843

(n, γ)

38-Sr-90

Cross Section

-100.0 To 9999. %



30

Incident Energy (eV)

38-Sr-90

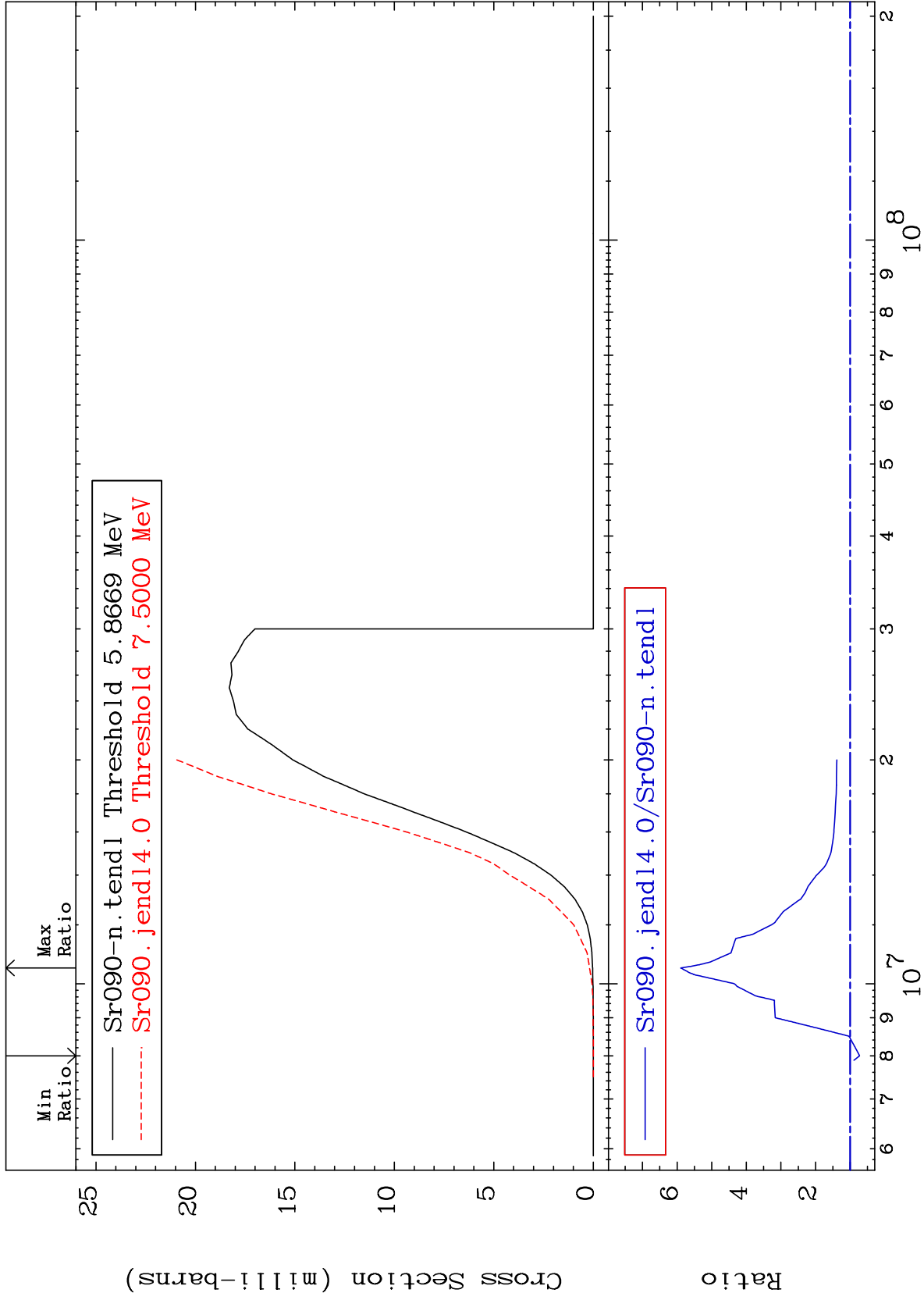
MAT 3843

(n,p)

38-Sr-90

Cross Section

-27.07 To 489.4 %



31

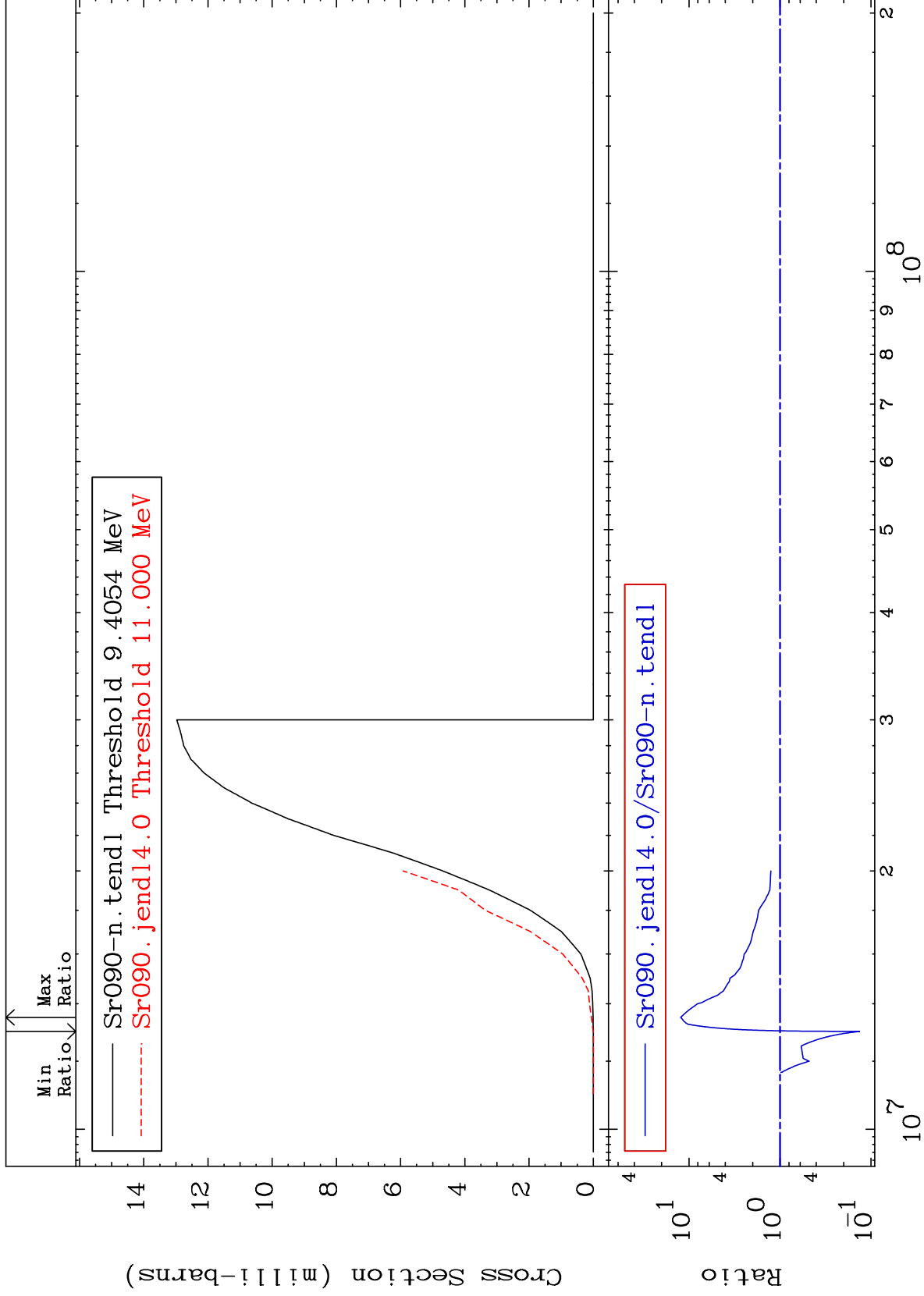
Incident Energy (eV)

38-Sr-90

MAT 3843

(n, d)
Cross Section

38-Sr-90
-86.61 To 1132. %



32

Incident Energy (eV)

38-Sr-90

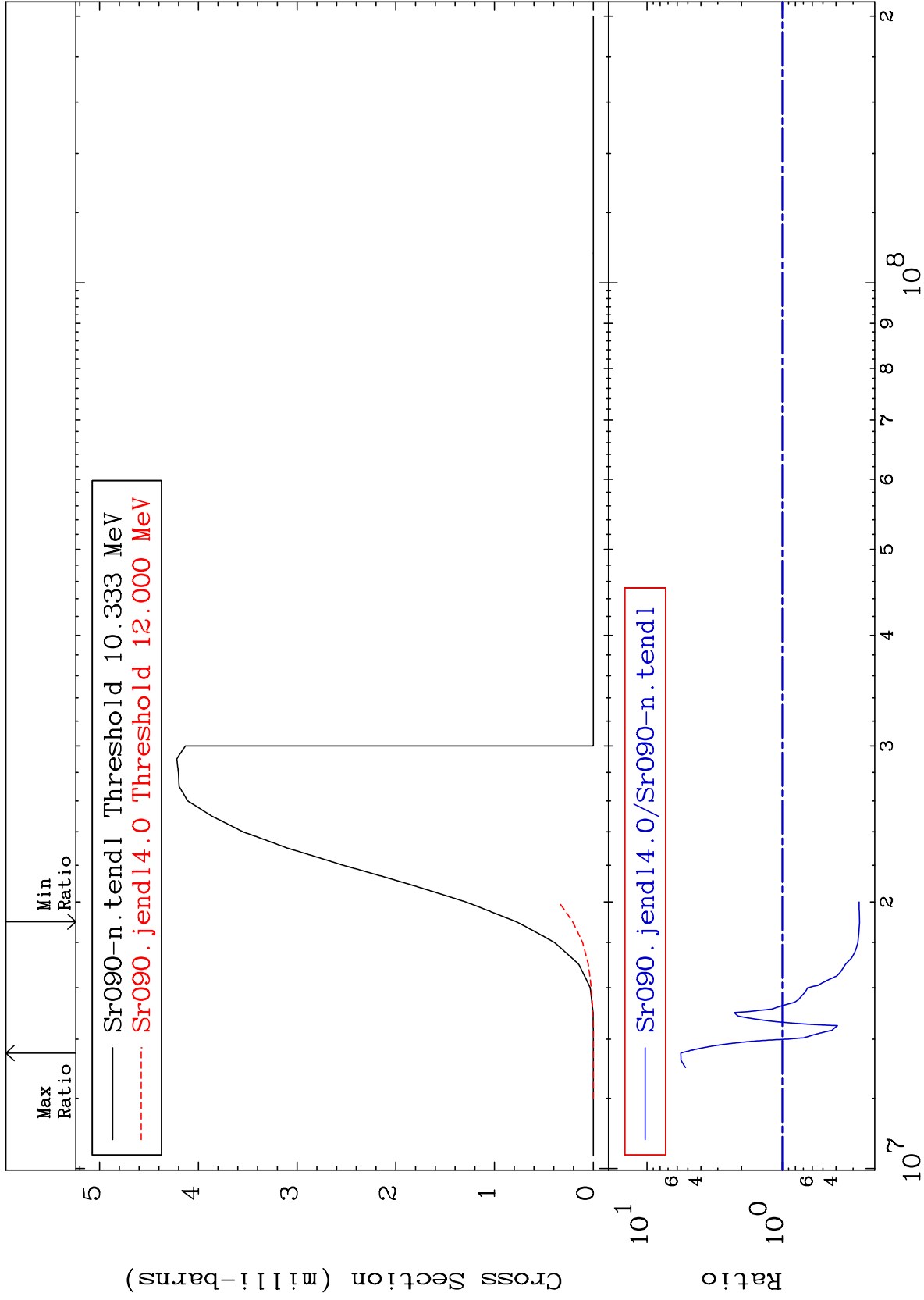
MAT 3843

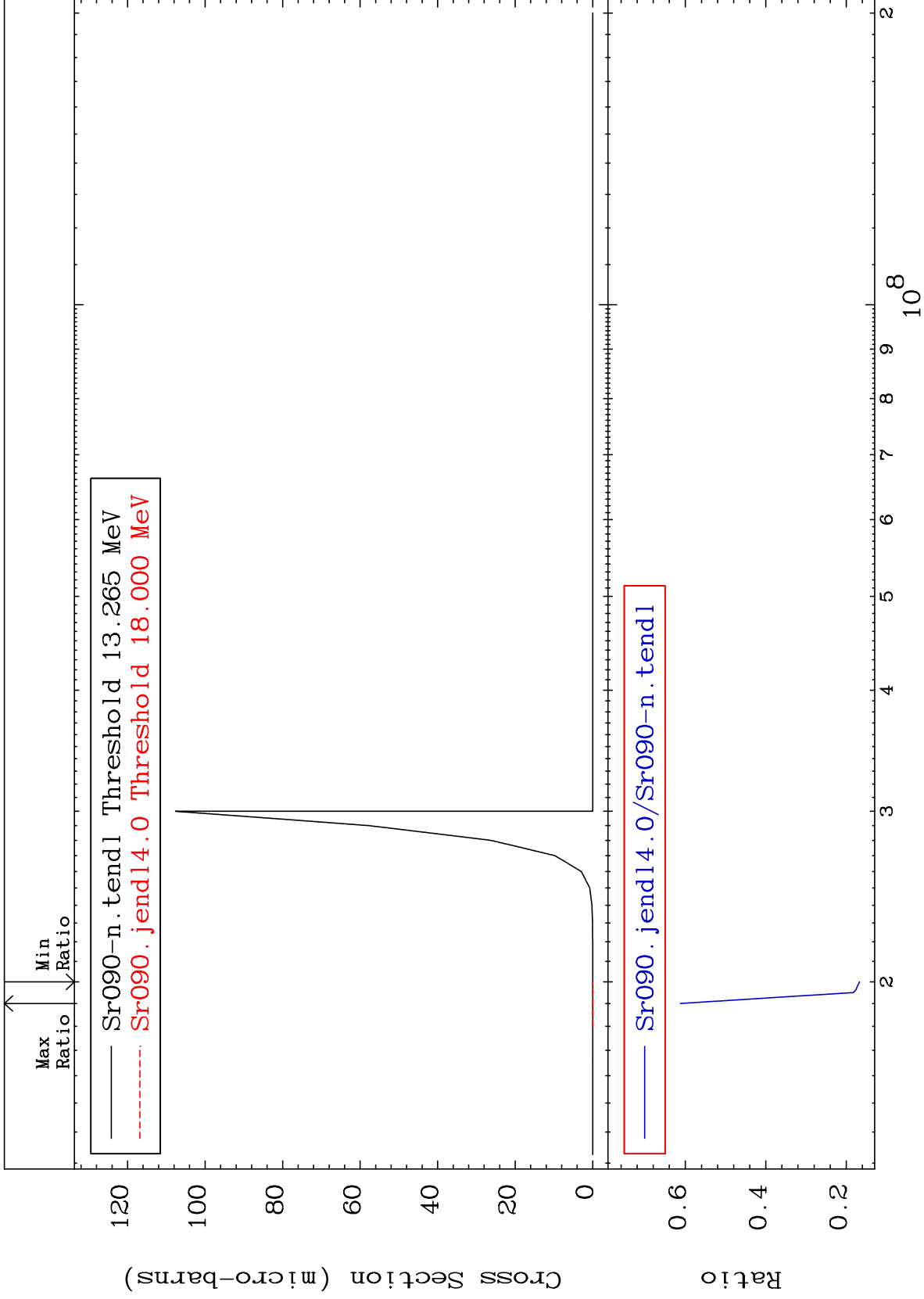
(n, t)

38-Sr-90

Cross Section

-73.17 To 463.6 %





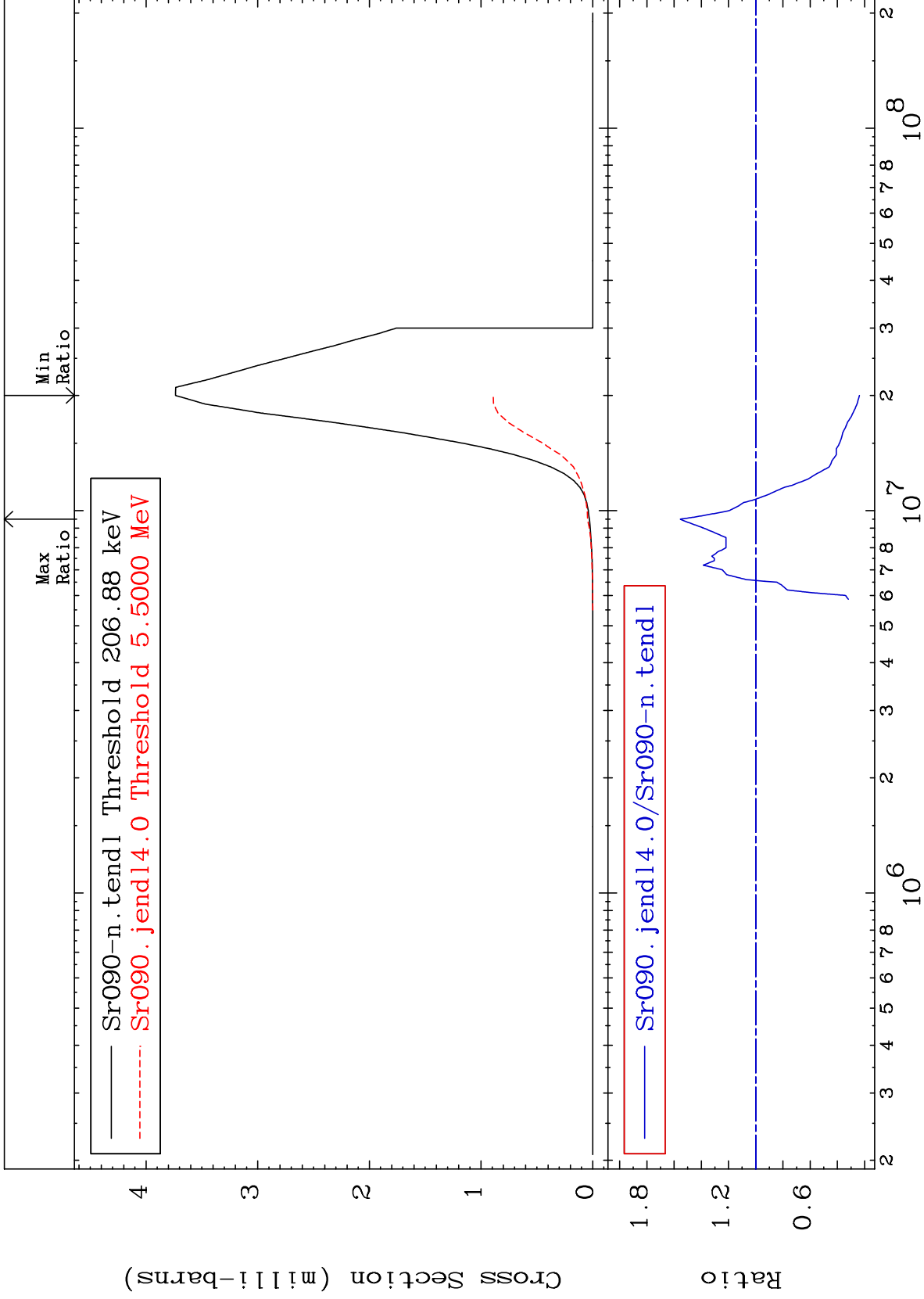
MAT 3843

(n, α)

³⁸Sr-⁹⁰

Cross Section

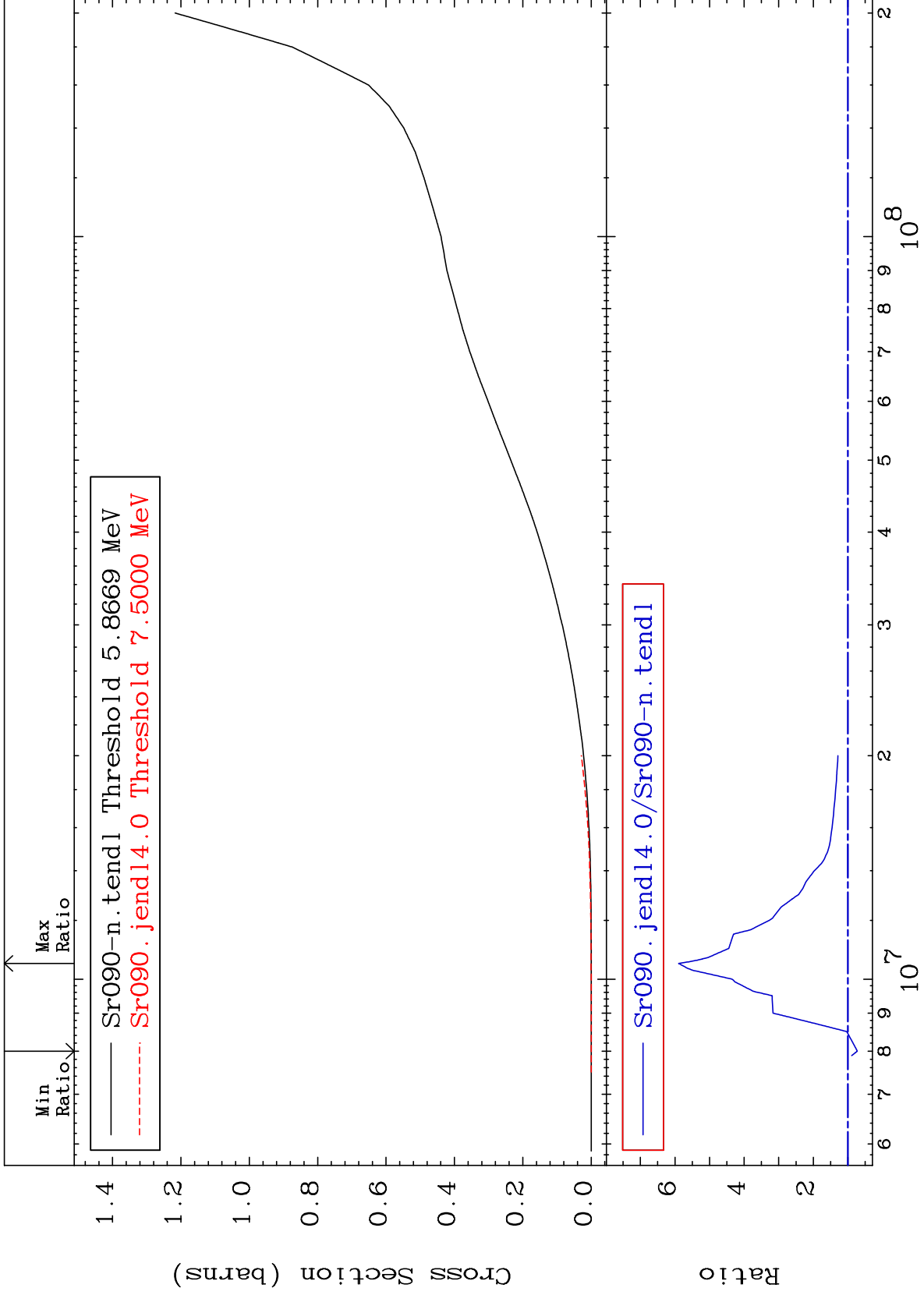
-76.19 To 55.38 %



MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-27.07 To 489.4 %



36

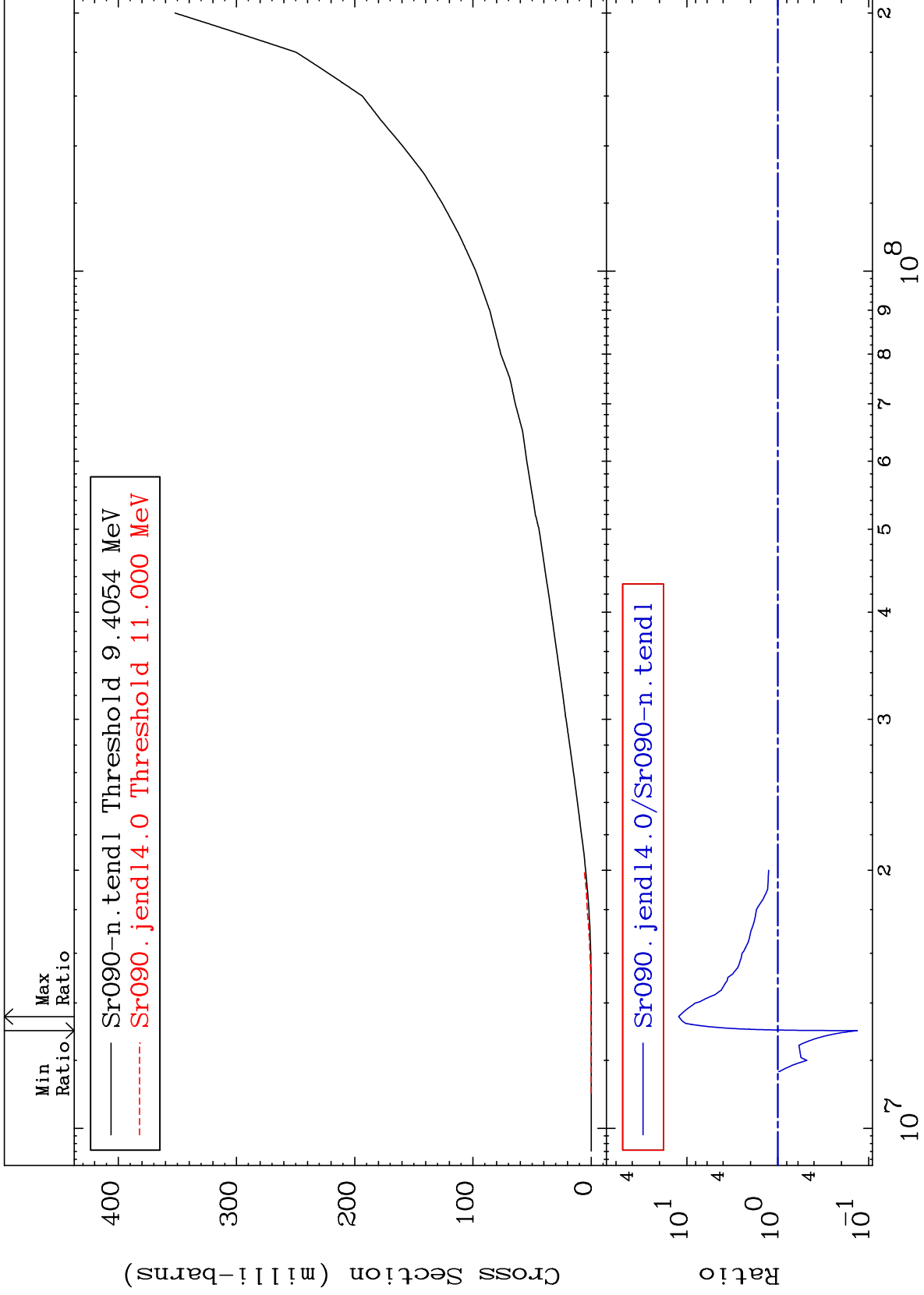
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-86.61 To 1132. %



37

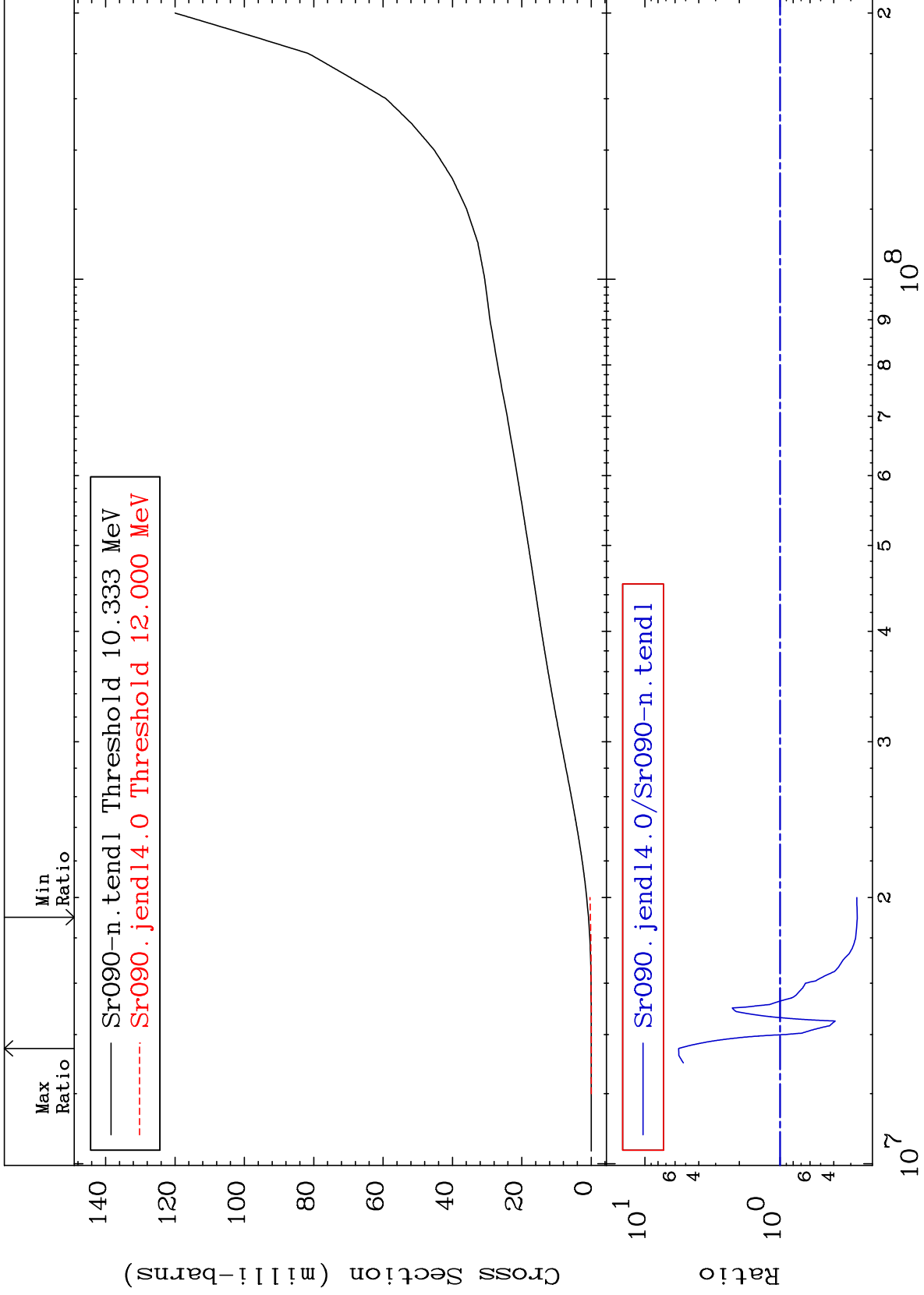
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

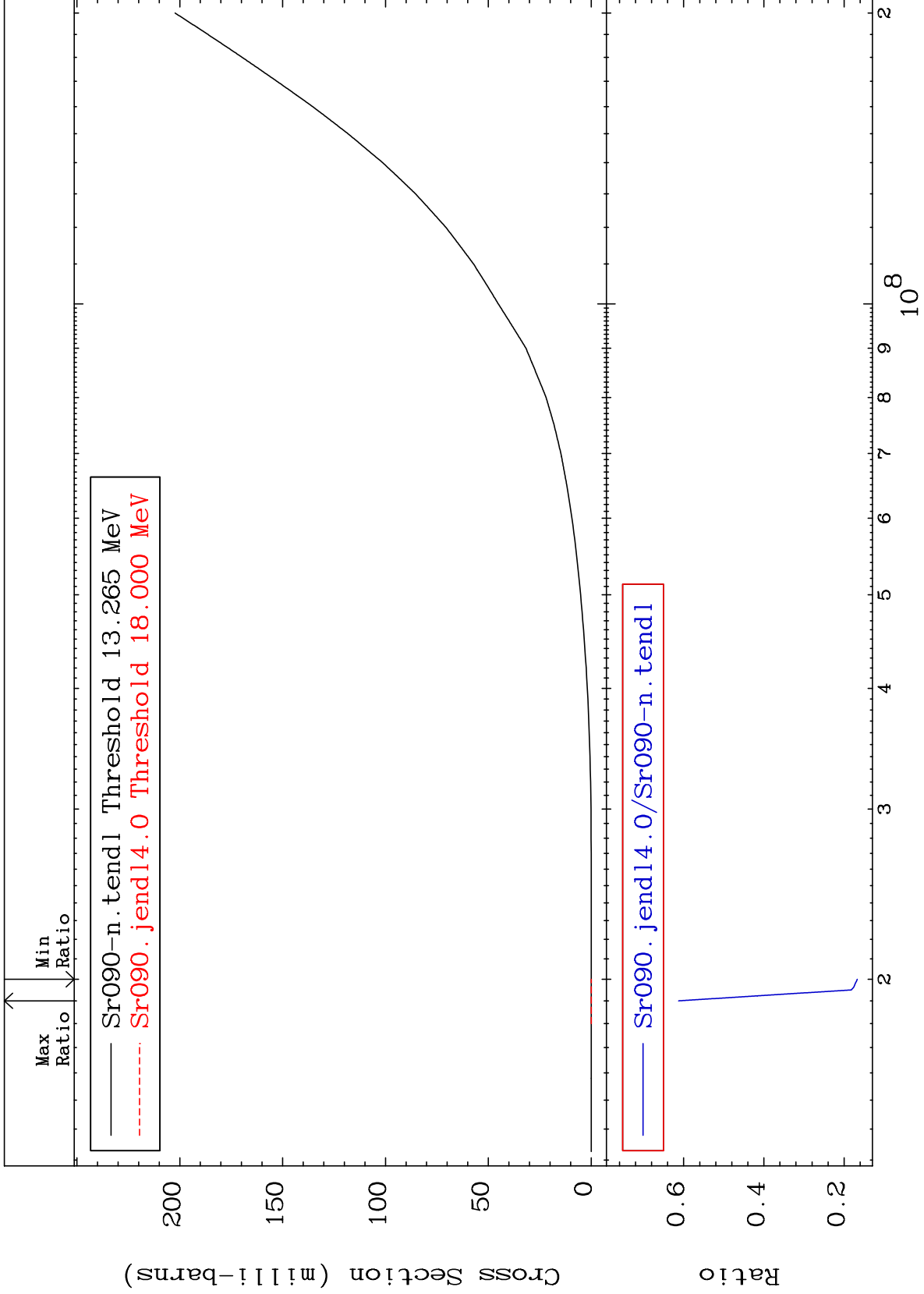
³⁸Sr-90
-73.17 To 463.6 %



38

Incident Energy (eV)

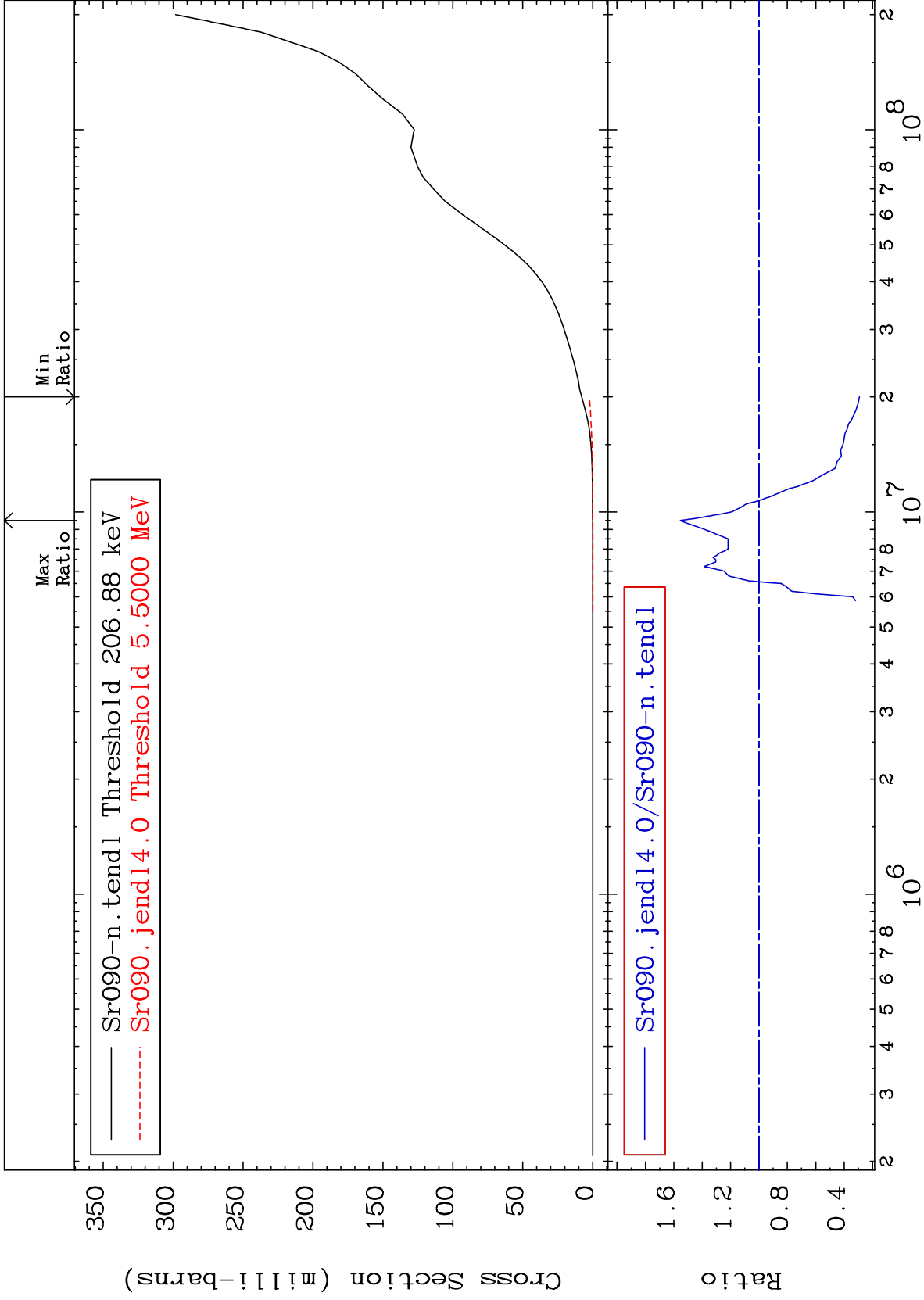
³⁸Sr-90



MAT 3843

He-4 Production
Cross Section

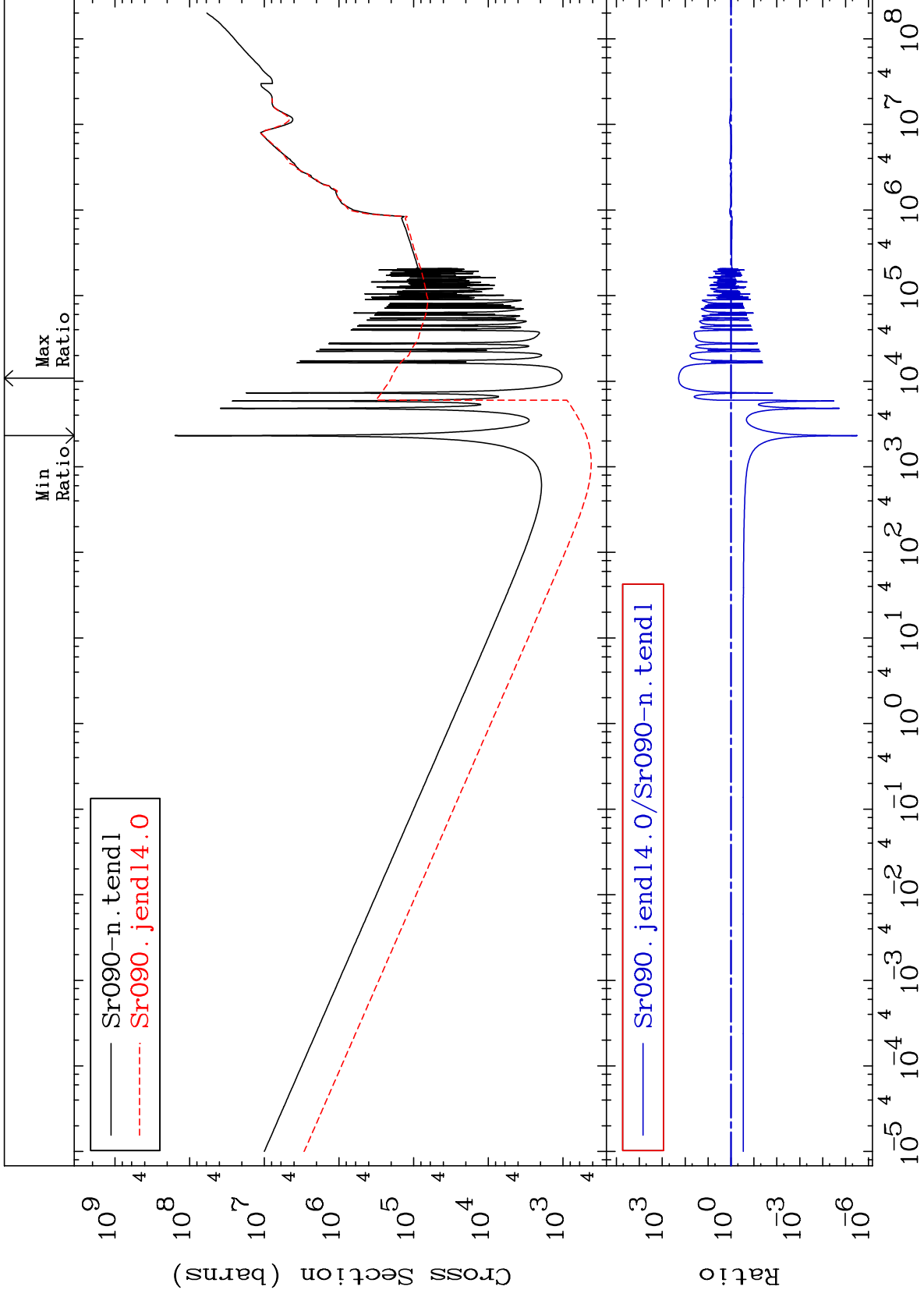
38-Sr-90
-70.77 To 55.38 %



40

Incident Energy (eV)

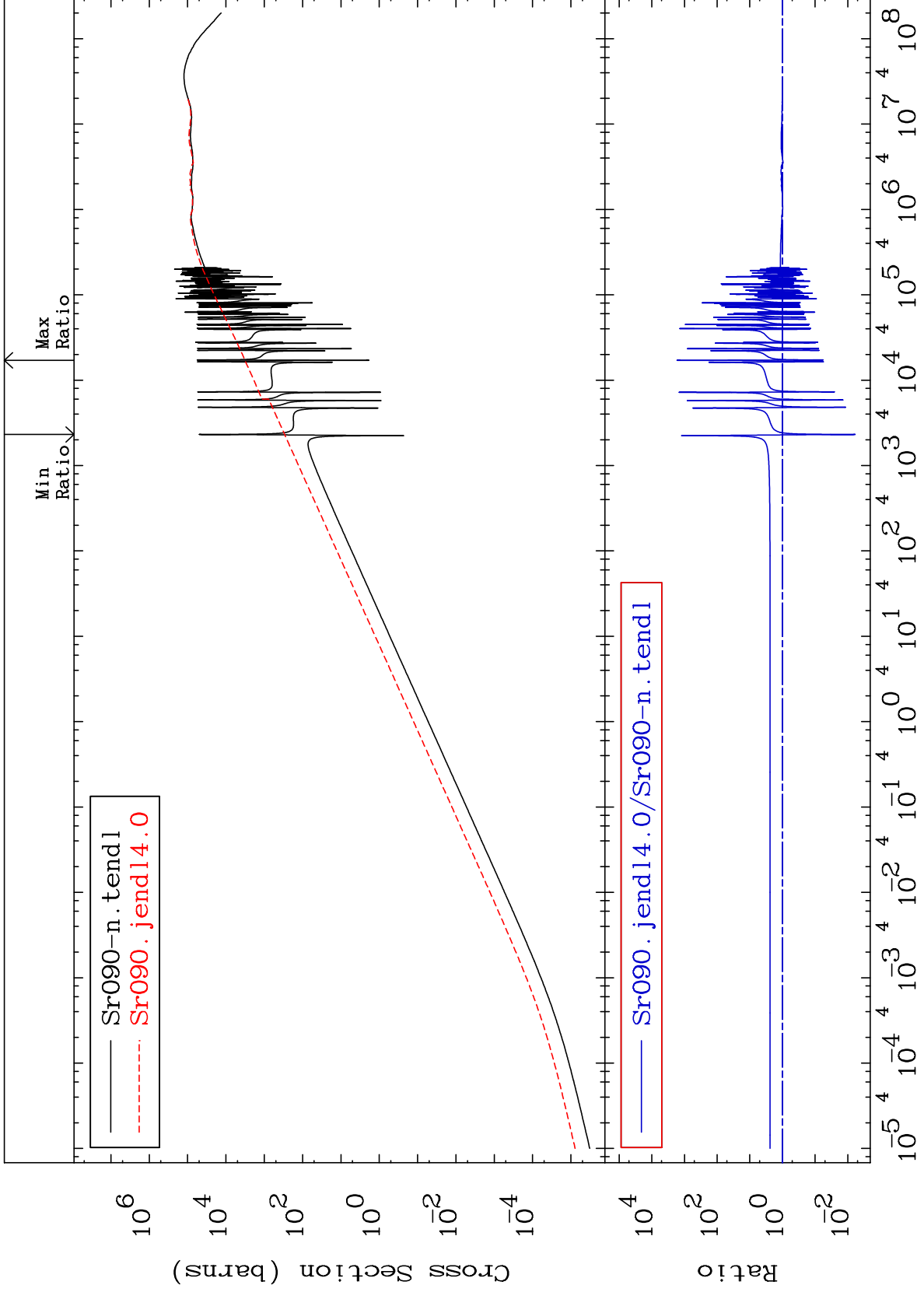
38-Sr-90

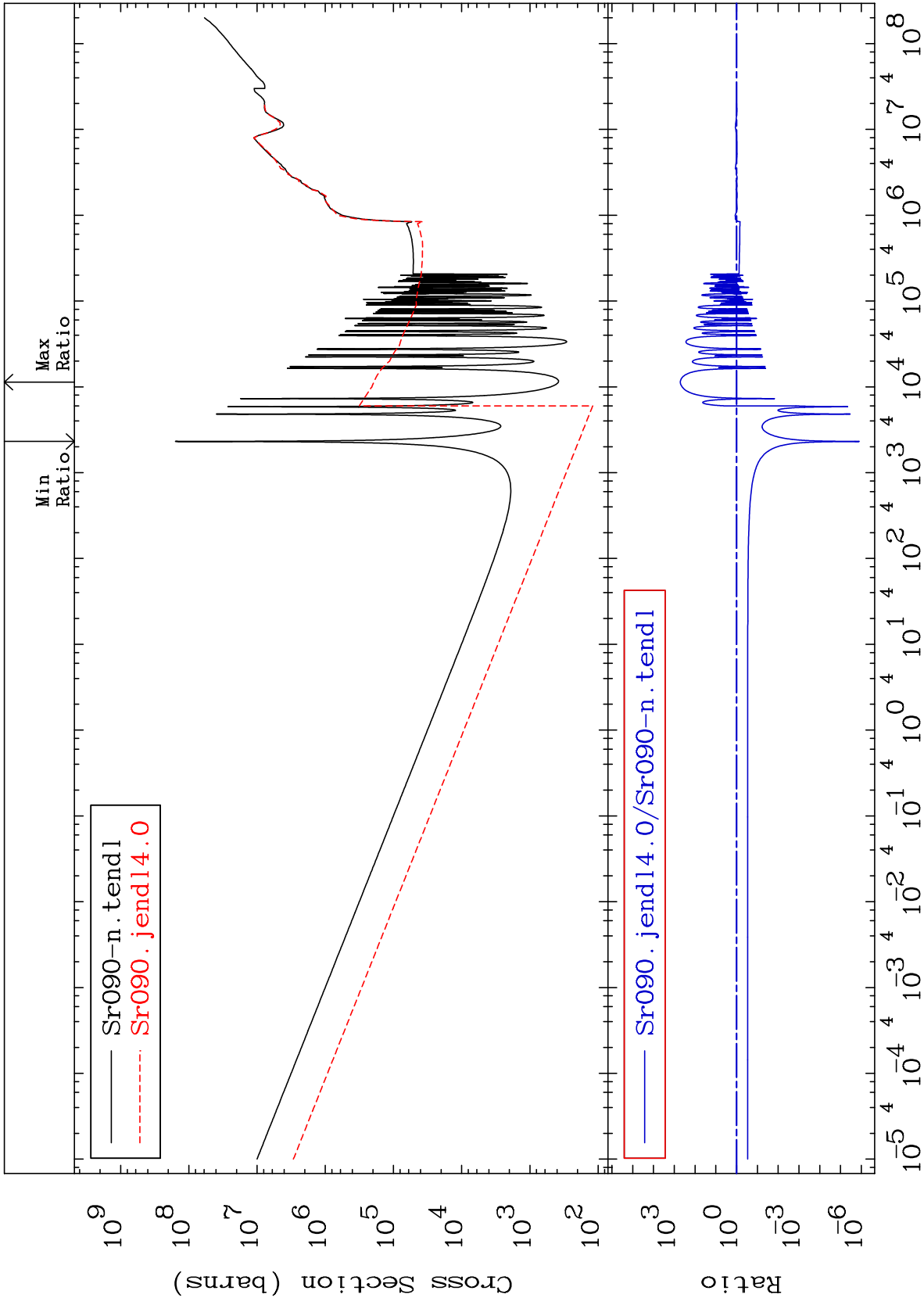


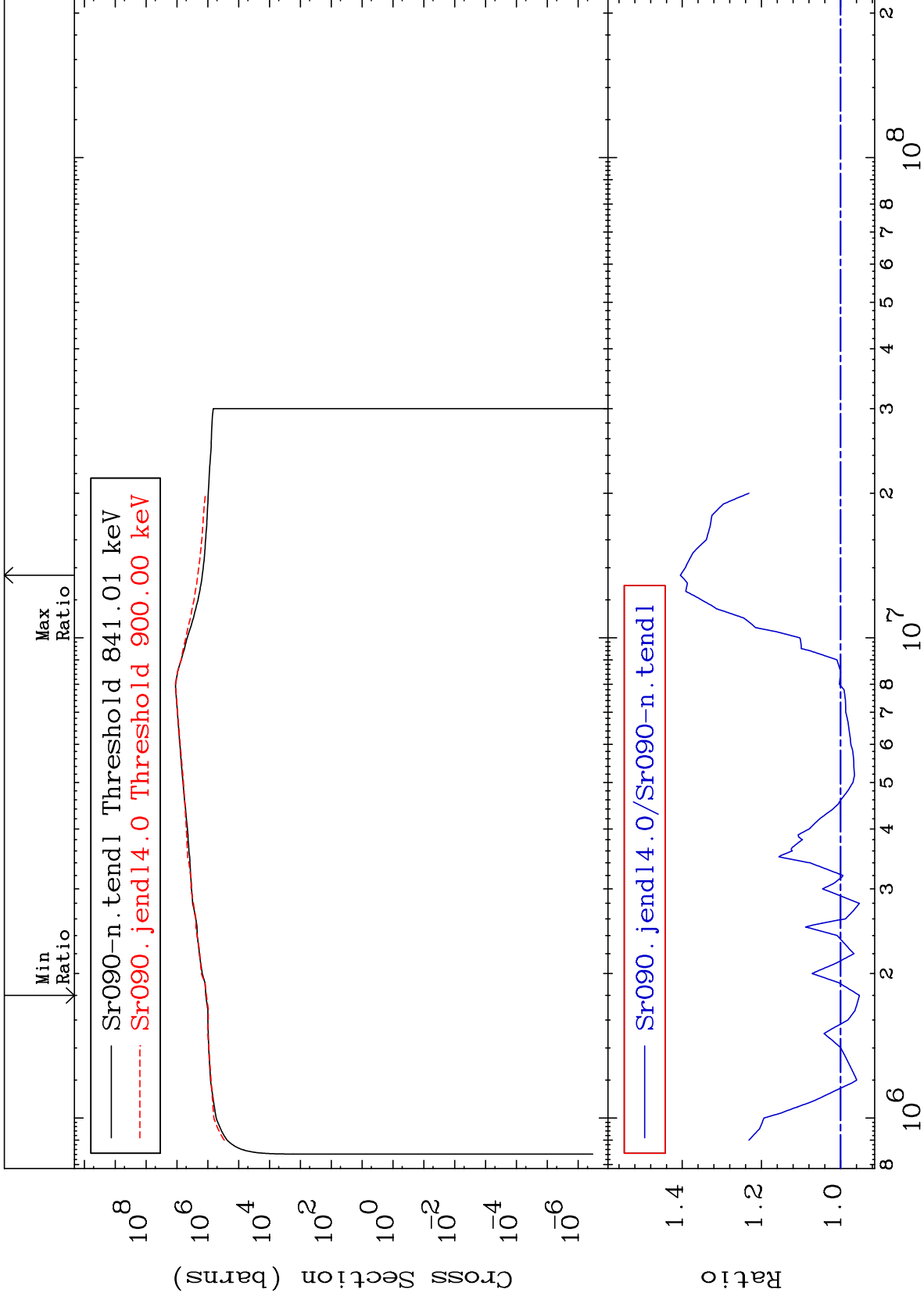
MAT 3843

Kerma elastic
Cross Section

38-Sr-90
-99.40 To 9999. %



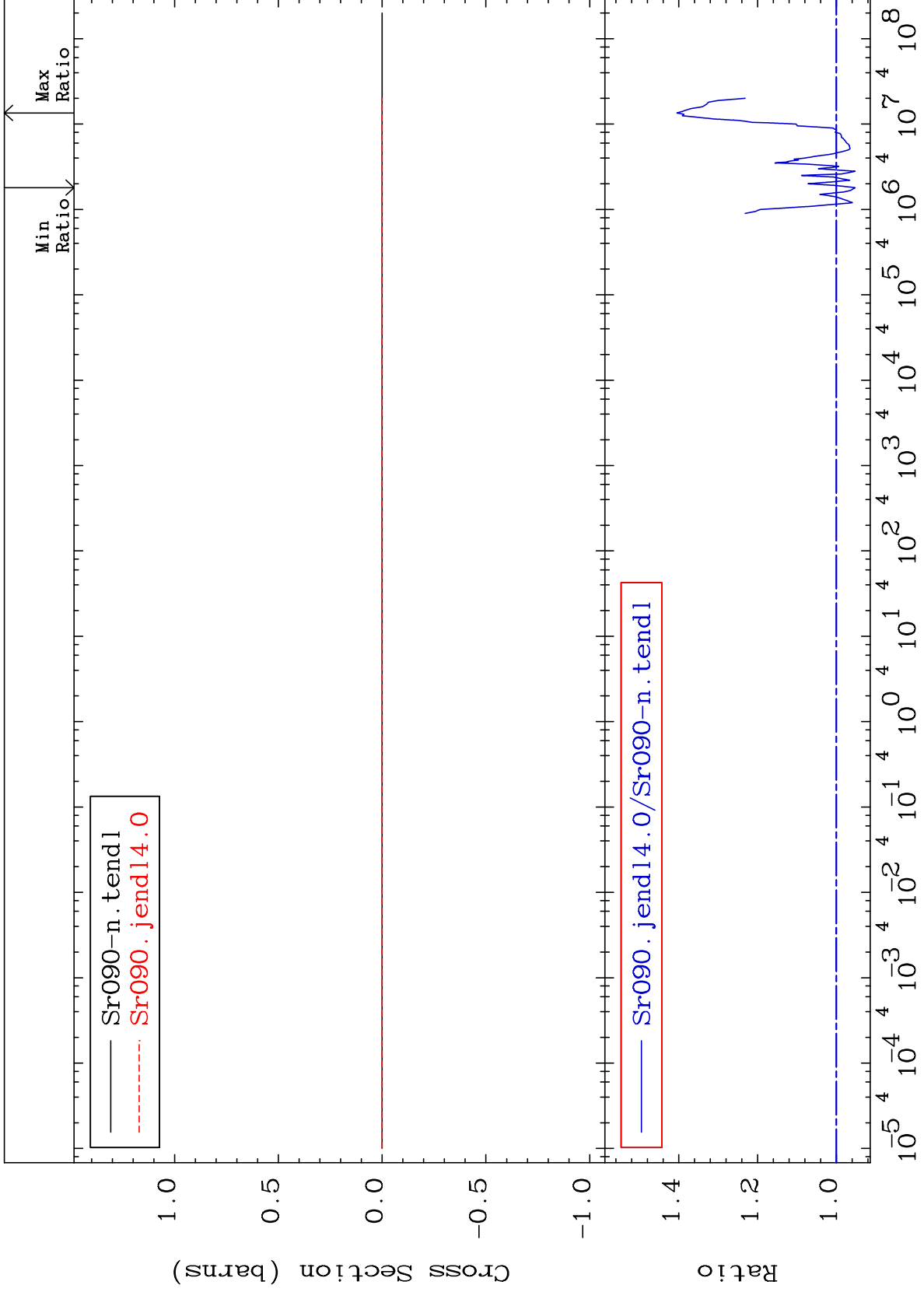




MAT 3843

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

38-Sr-90
-4.760 To 40.49 %



45

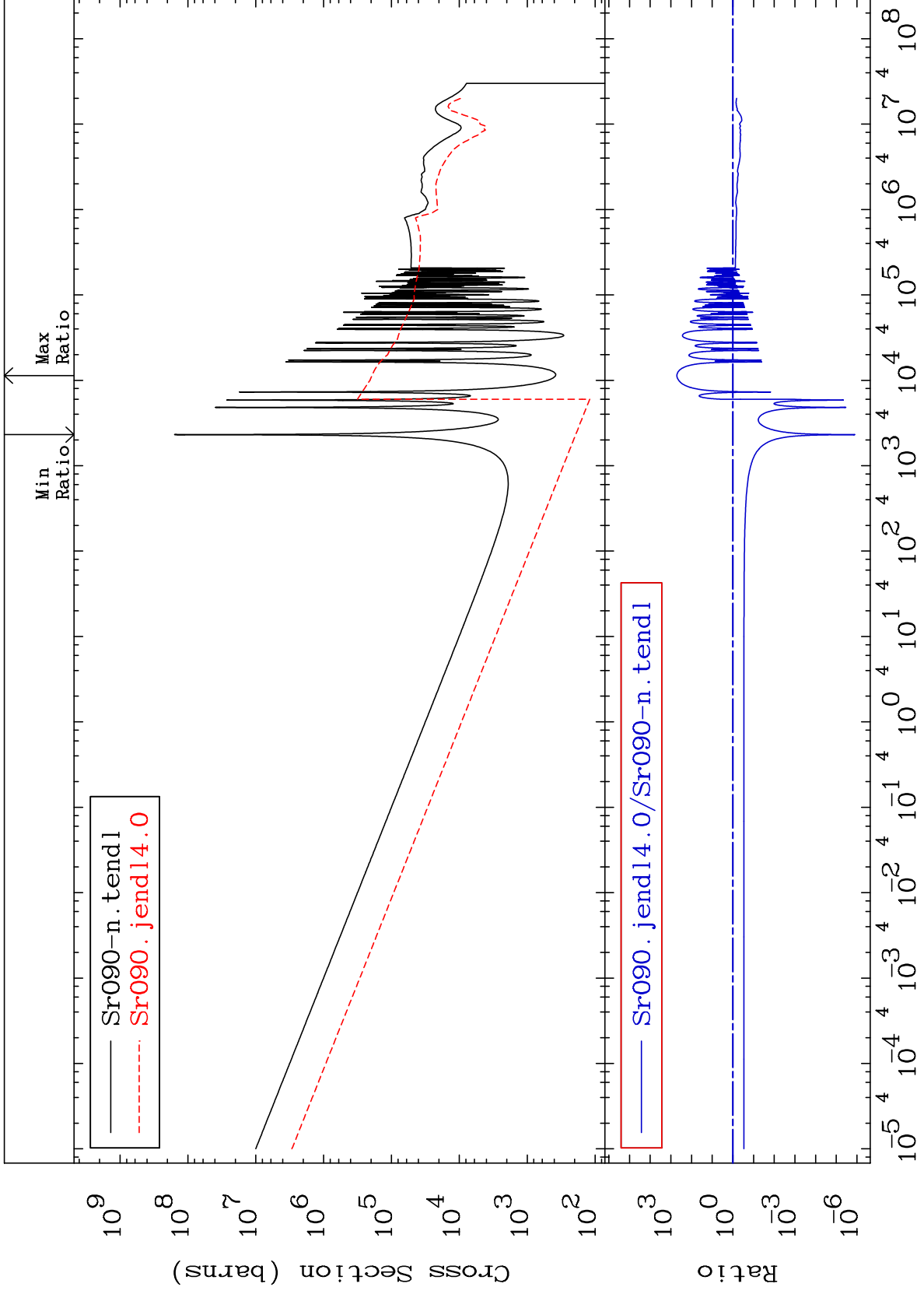
Incident Energy (eV)

38-Sr-90

MAT 3843

Kerma capture (mt102)
Cross Section

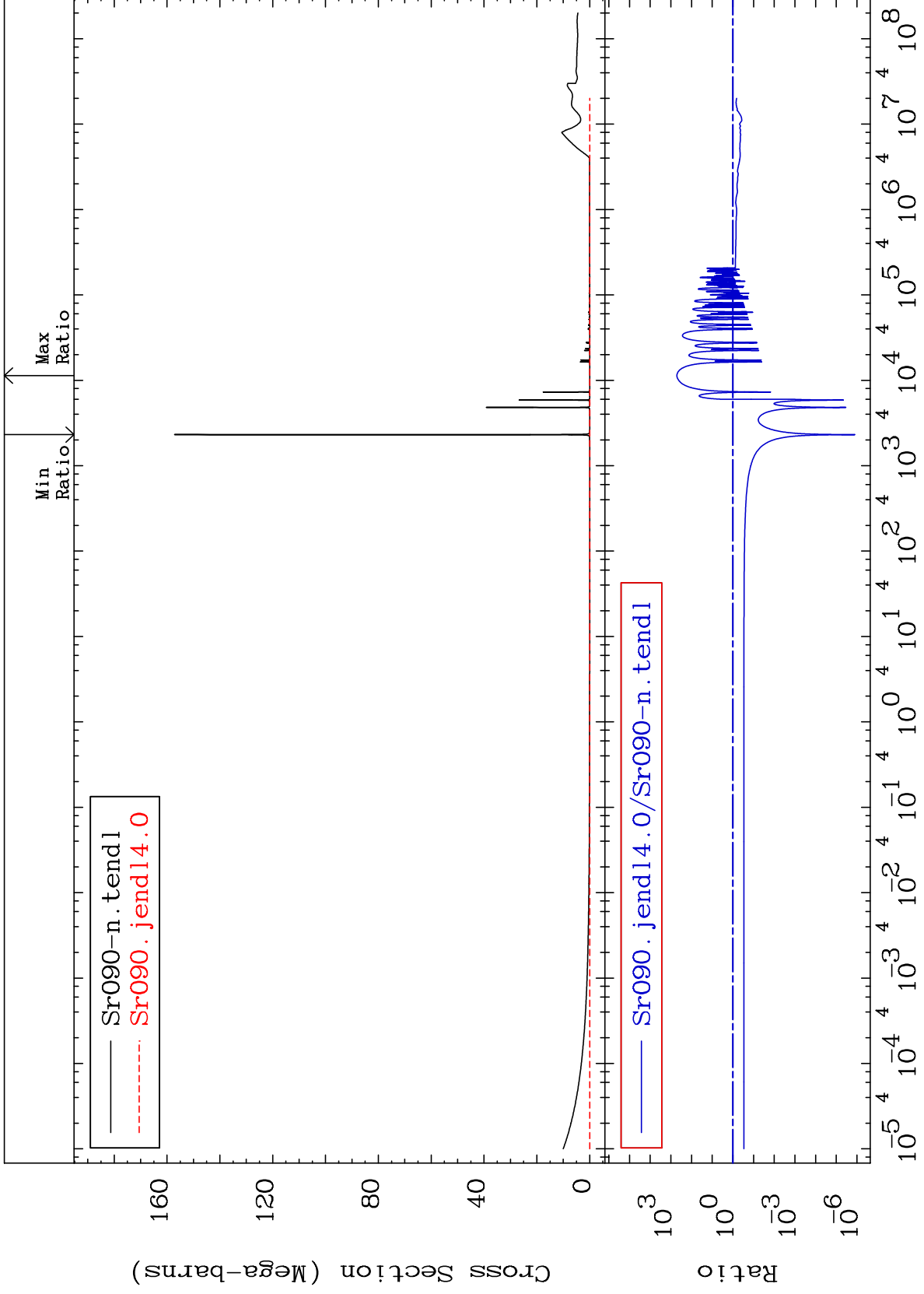
38-Sr-90
-100.0 To 9999. %

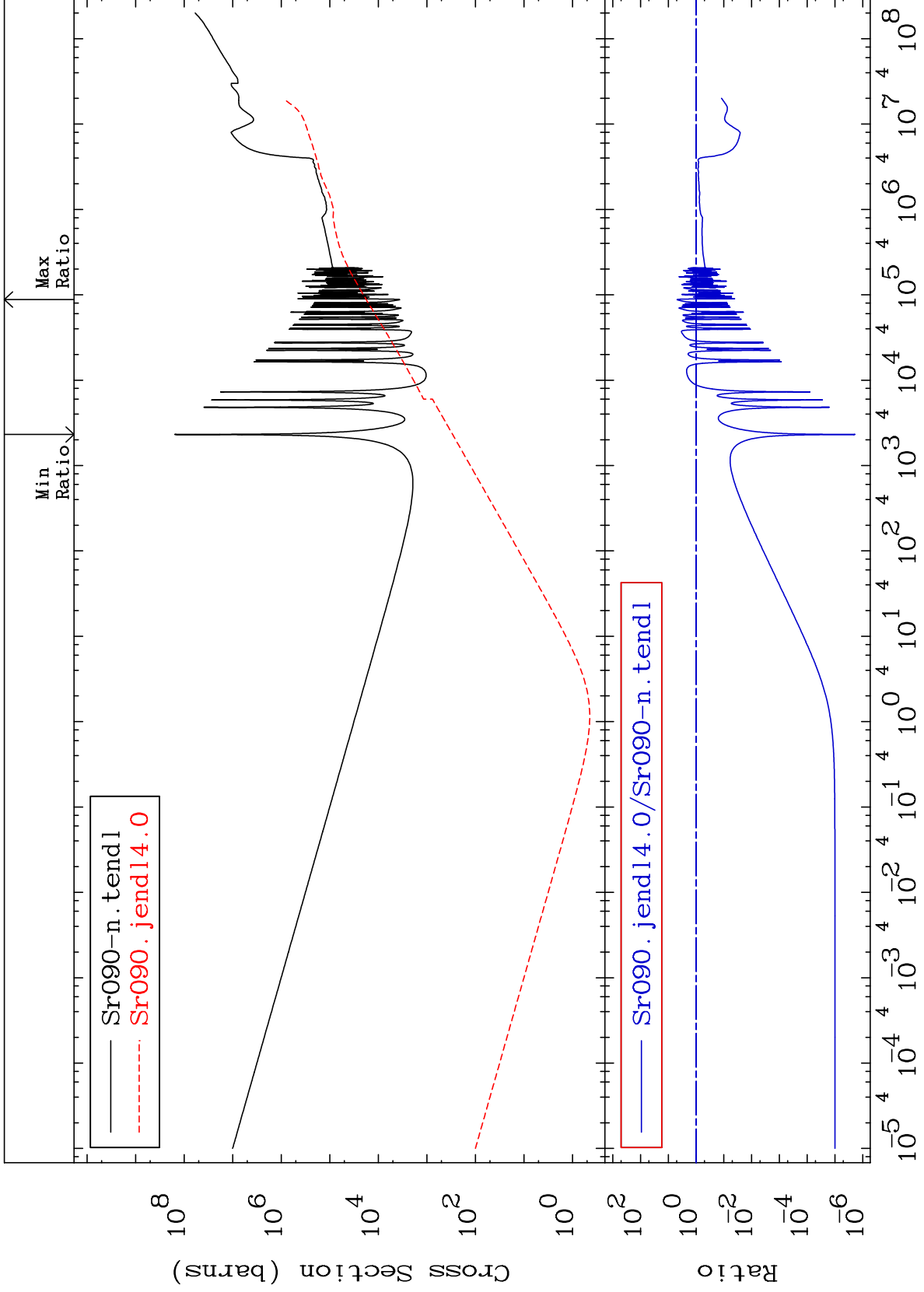


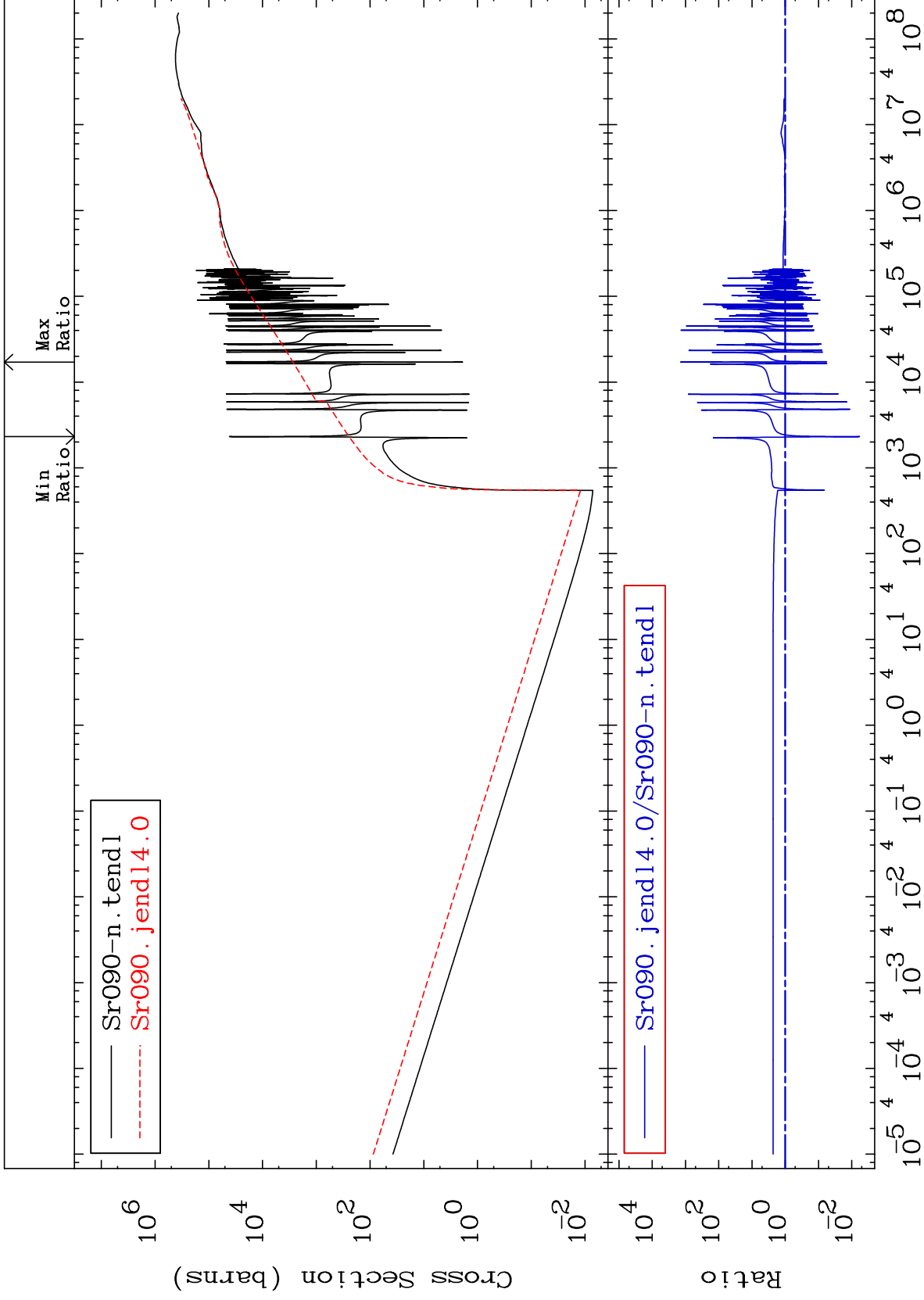
46

Incident Energy (eV)

38-Sr-90



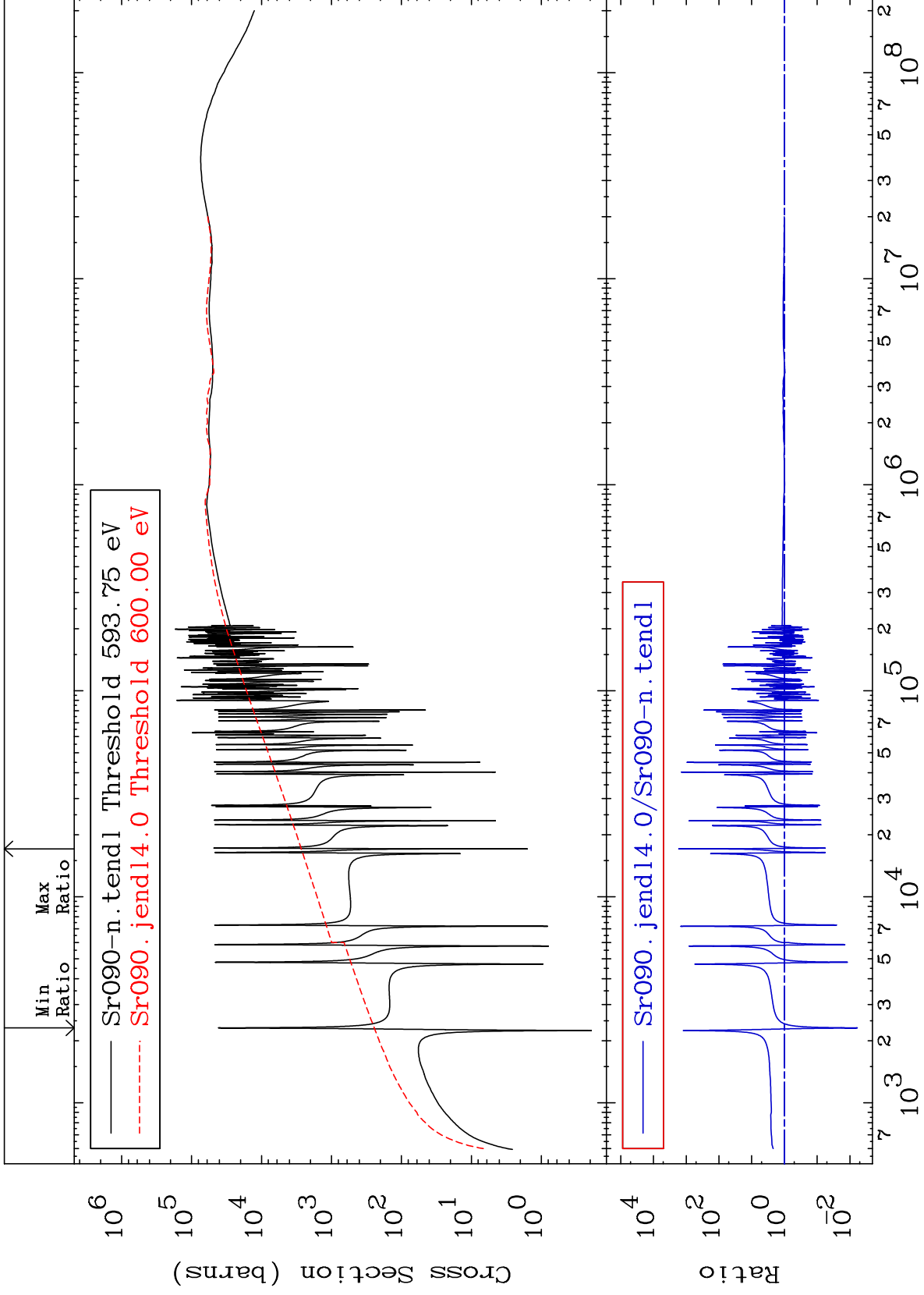




MAT 3843

Dpa elastic (mt2)
Cross Section

38-Sr-90
-99.41 To 9999. %



50

Incident Energy (eV)

38-Sr-90

