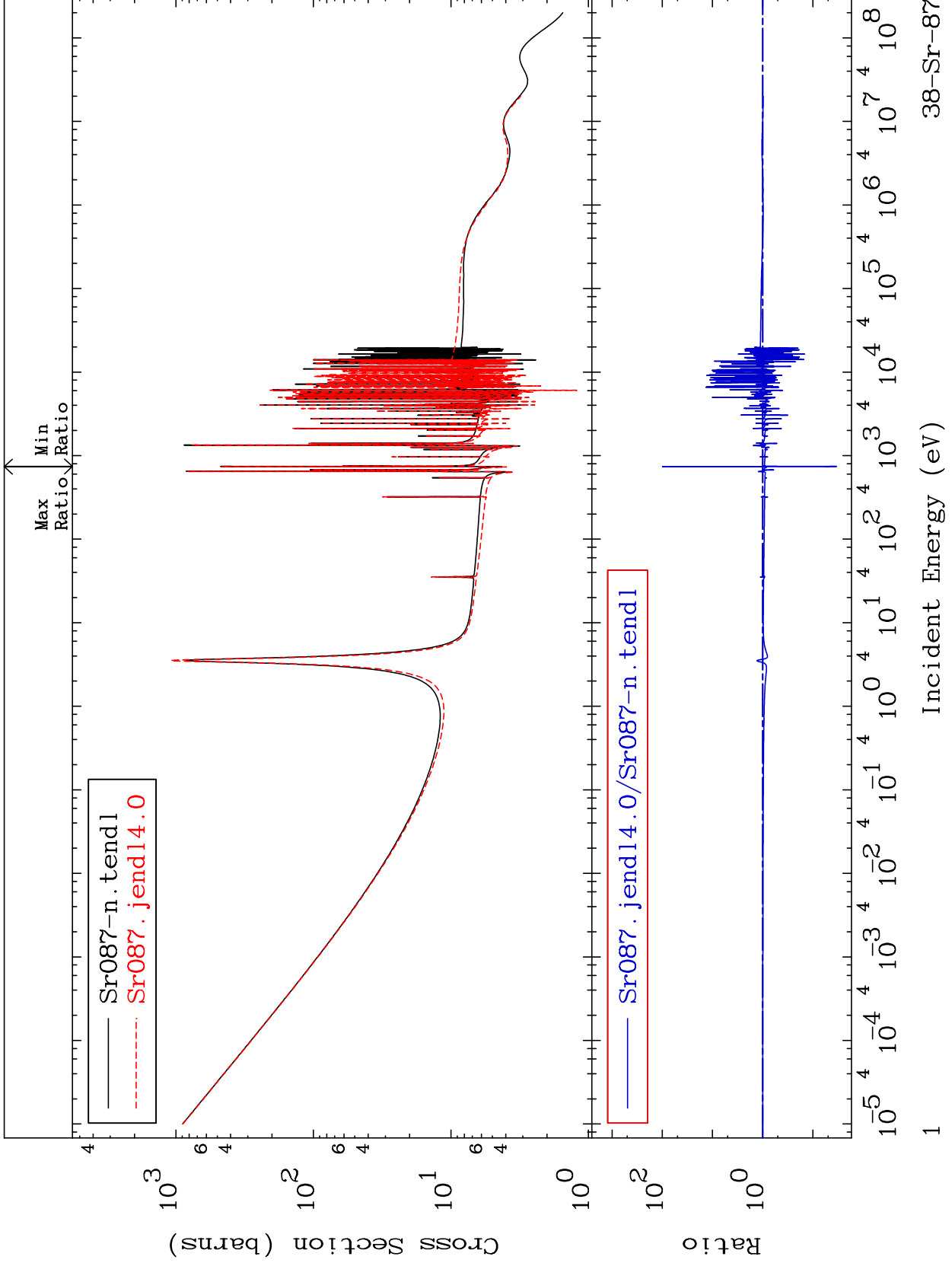


MAT 3834

Total
Cross Section

38-Sr-87
-96.63 To 9884. %



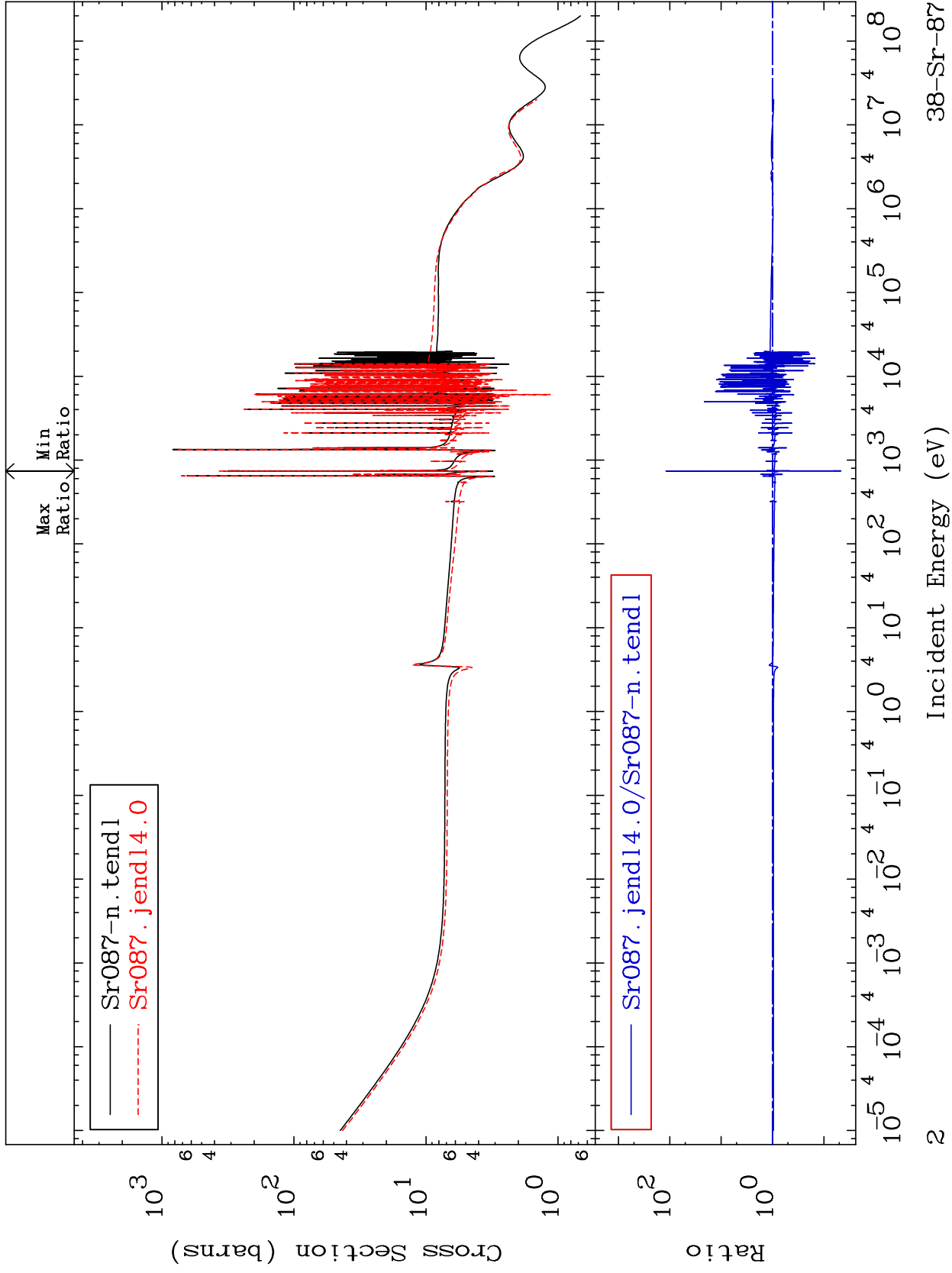
MAT 3834

Elastic

38-Sr-87

Cross Section

-95.33 To 9999. %



38-Sr-87

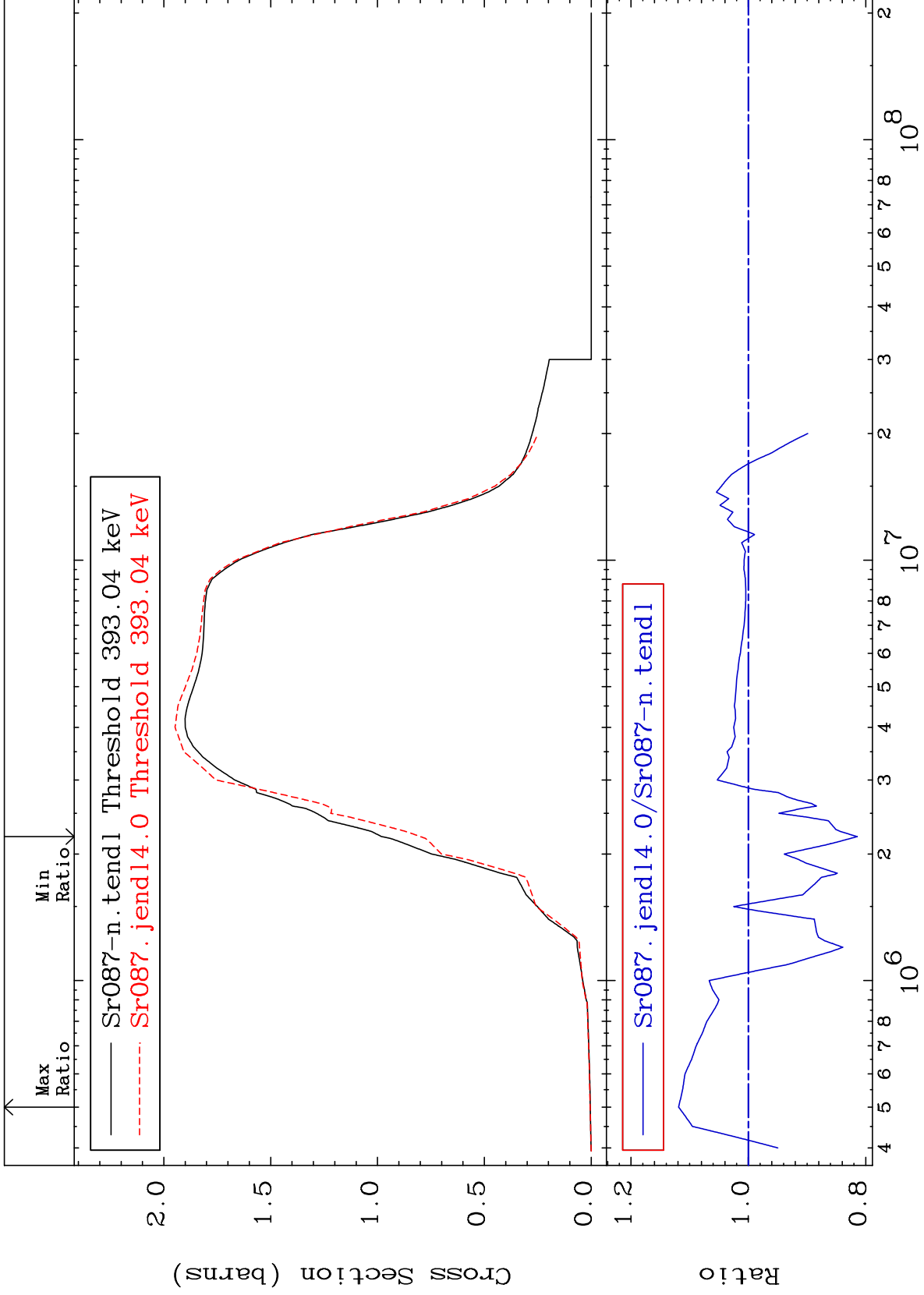
Incident Energy (eV)

2

MAT 3834

Inelastic
Cross Section

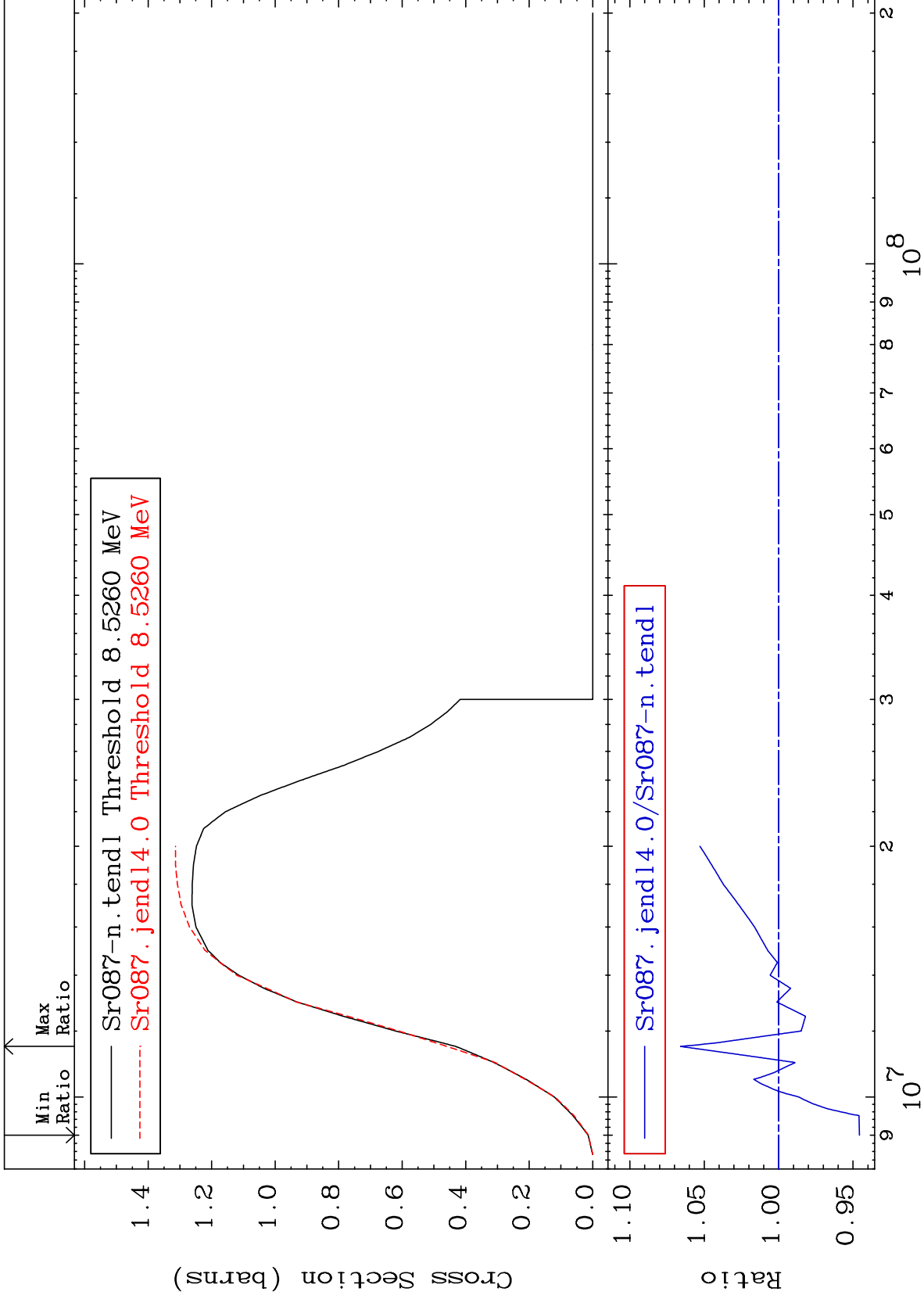
38-Sr-87
-18.56 To 11.89 %



MAT 3834

(n,2n)
Cross Section

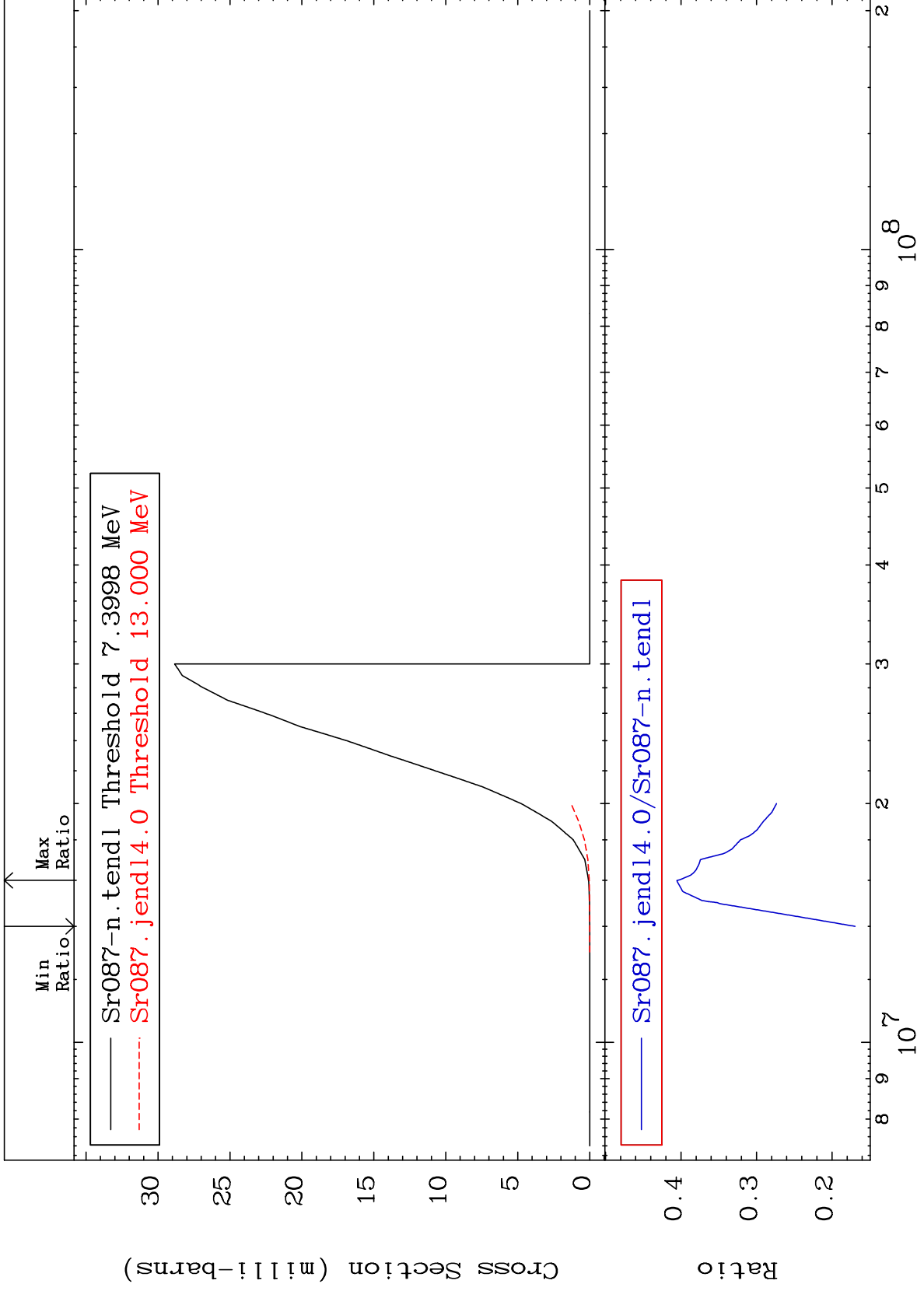
38-Sr-87
-5.428 To 6.604 %



MAT 3834

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

^{38}Sr -87
-83.06 To -59.46%



5

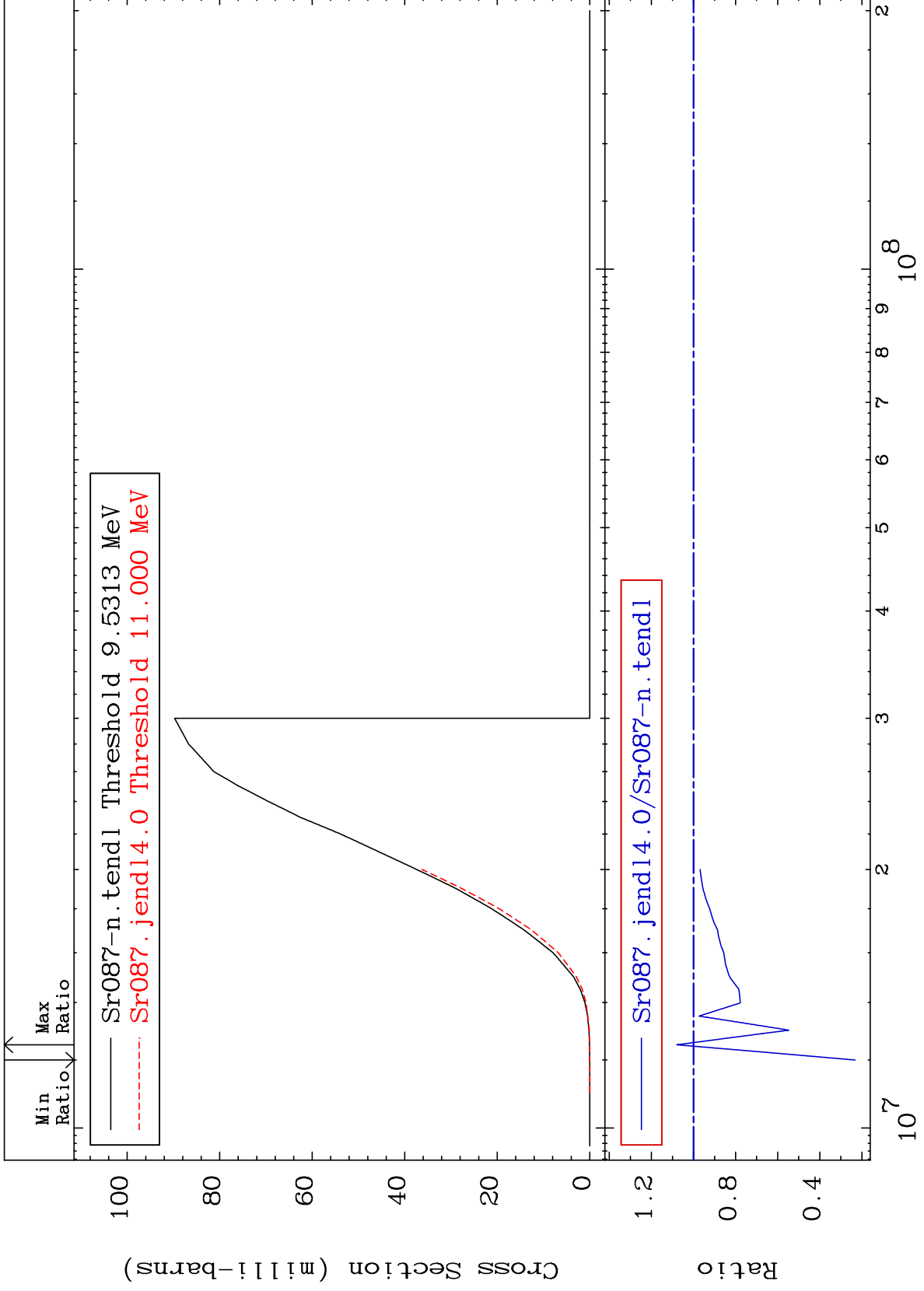
Incident Energy (eV)

^{38}Sr -87

MAT 3834

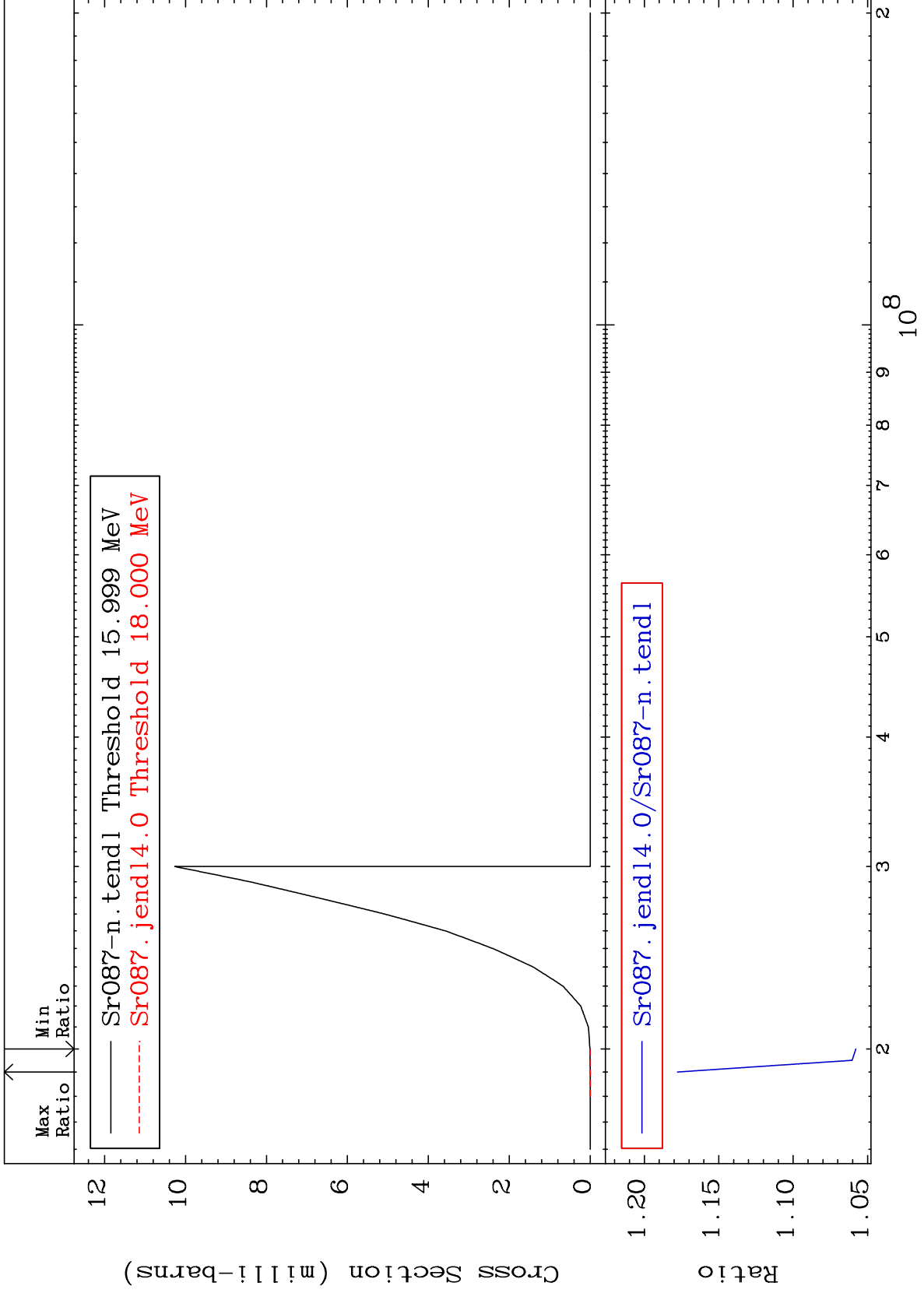
(n,n') p
Cross Section

38-Sr-87
-76.79 To 7.878 %



38-Sr-87

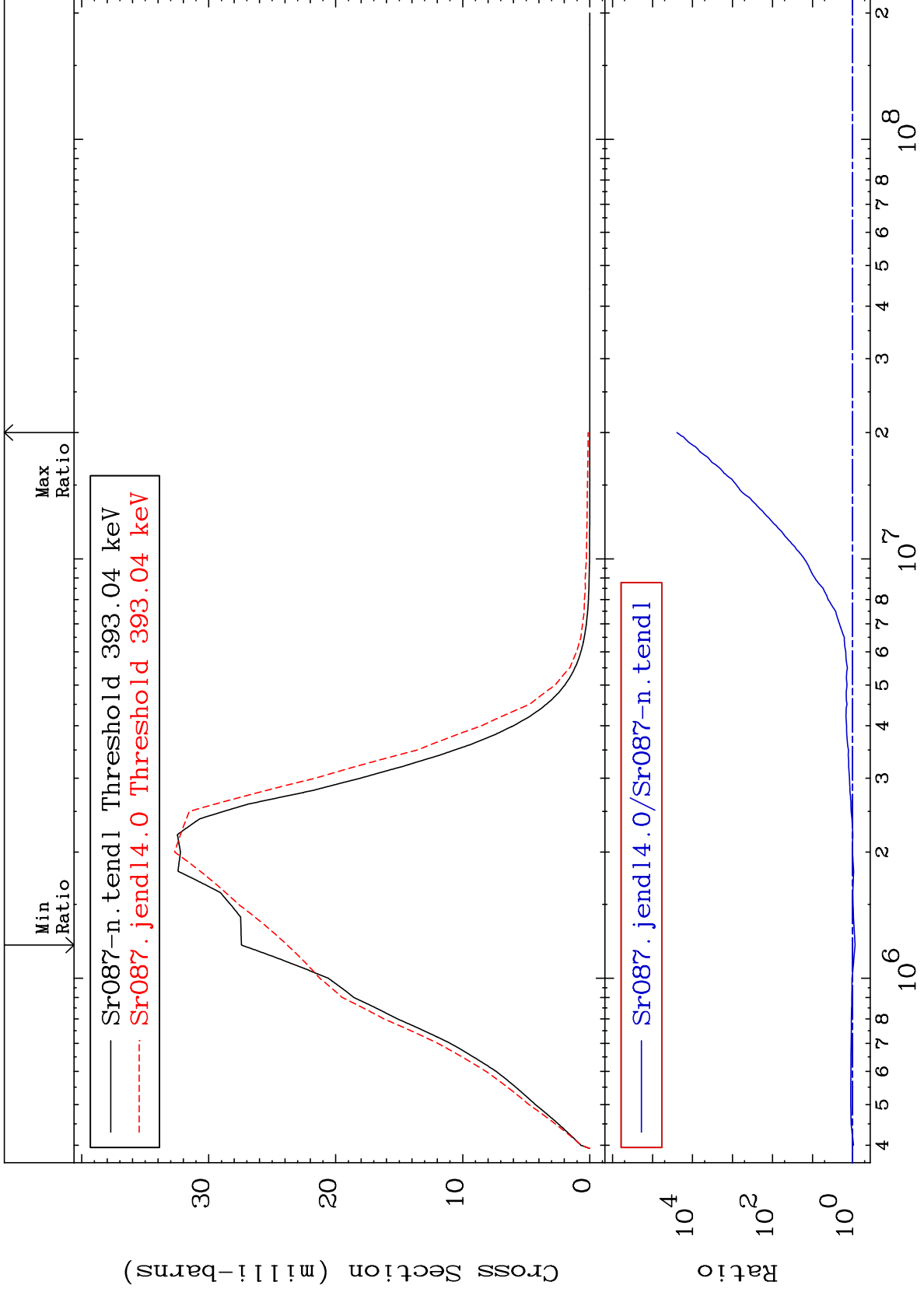
38-Sr-87



MAT 3834

388.5 keV (n,n') Level
Cross Section

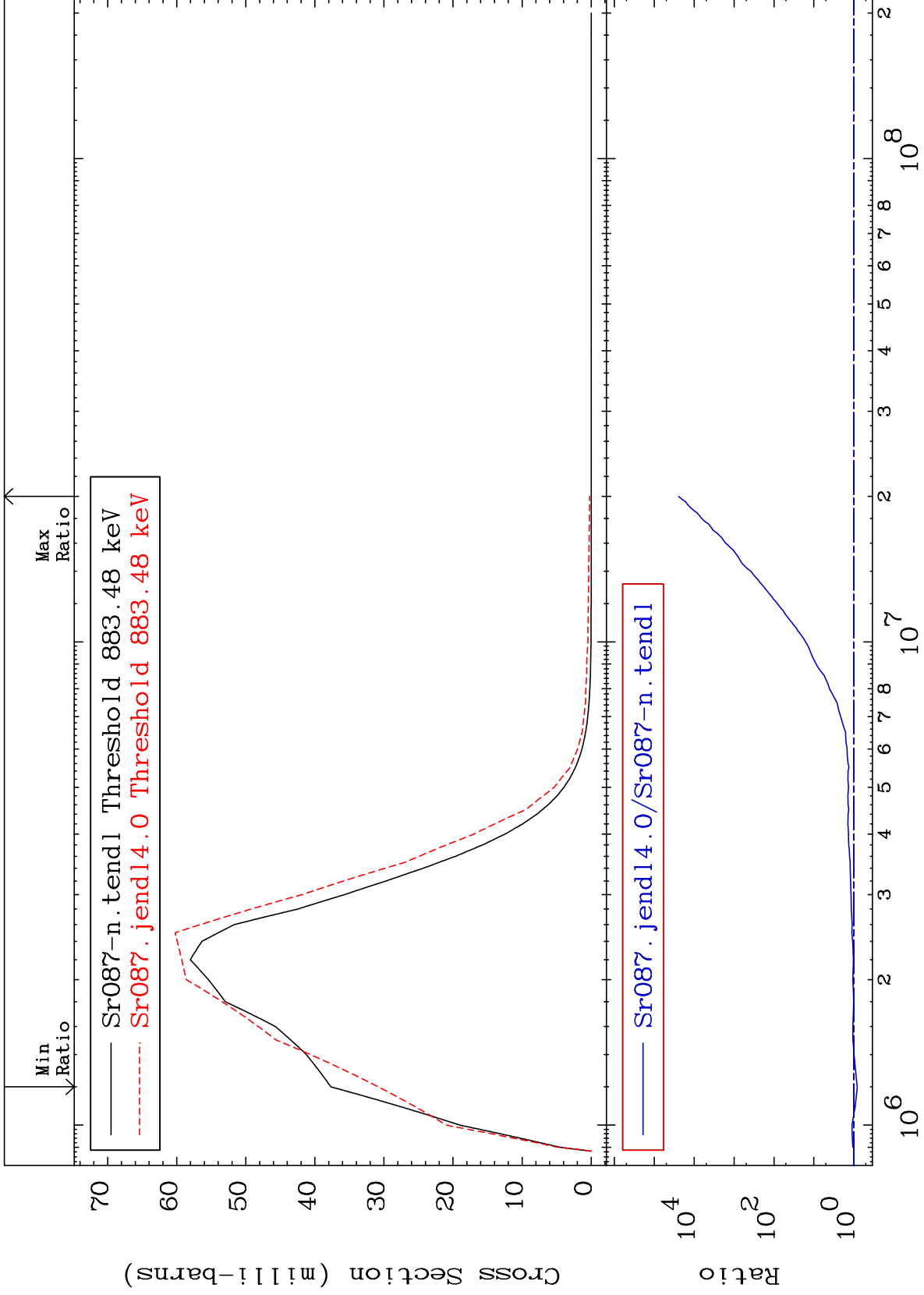
38-Sr-87
-13.19 To 9999. %



MAT 3834

873.3 keV (n,n') Level
Cross Section

38-Sr-87
-18.22 To 9999. %



9

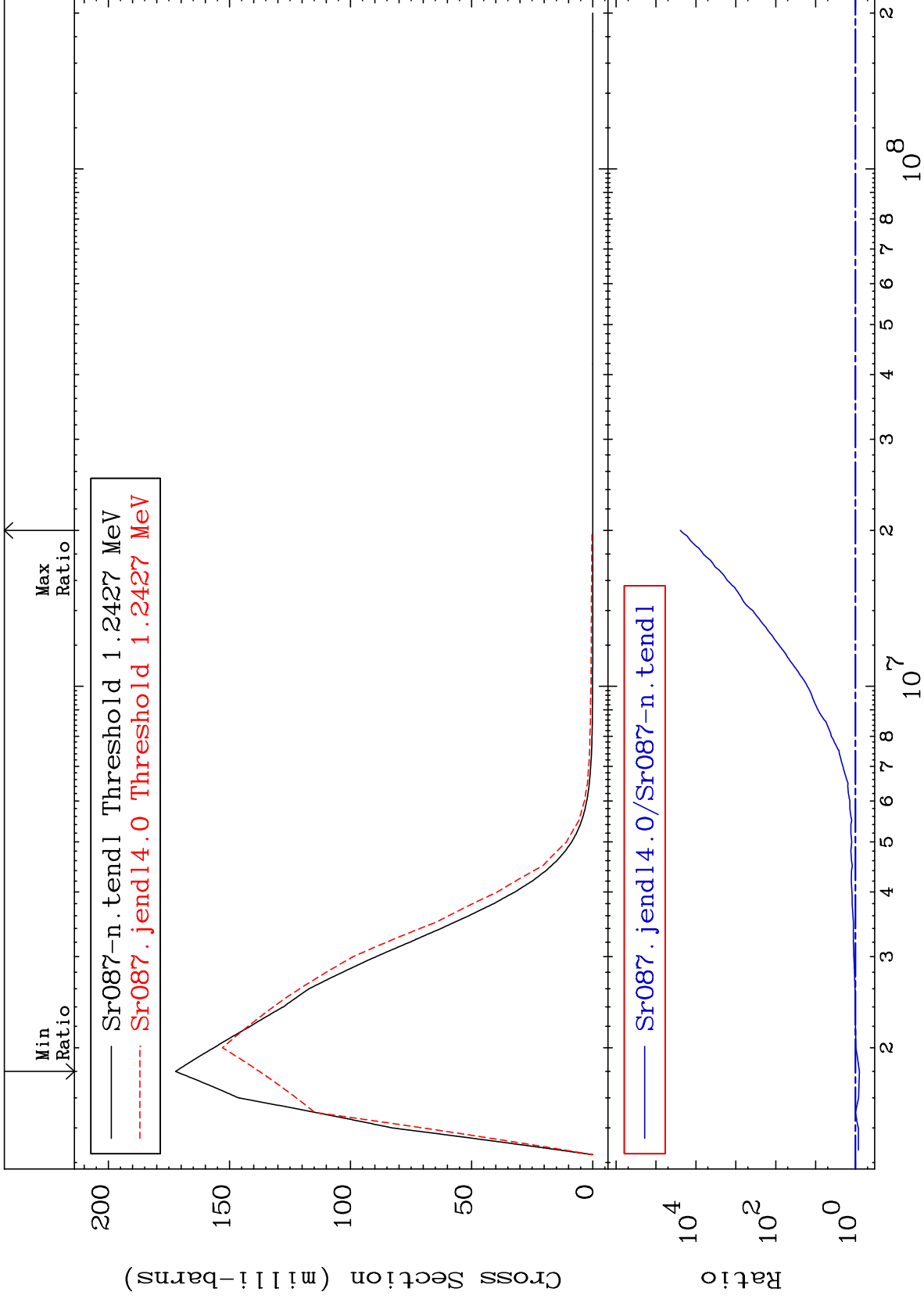
38-Sr-87

38-Sr-87

MAT 3834

1.228 MeV (n,n') Level
Cross Section

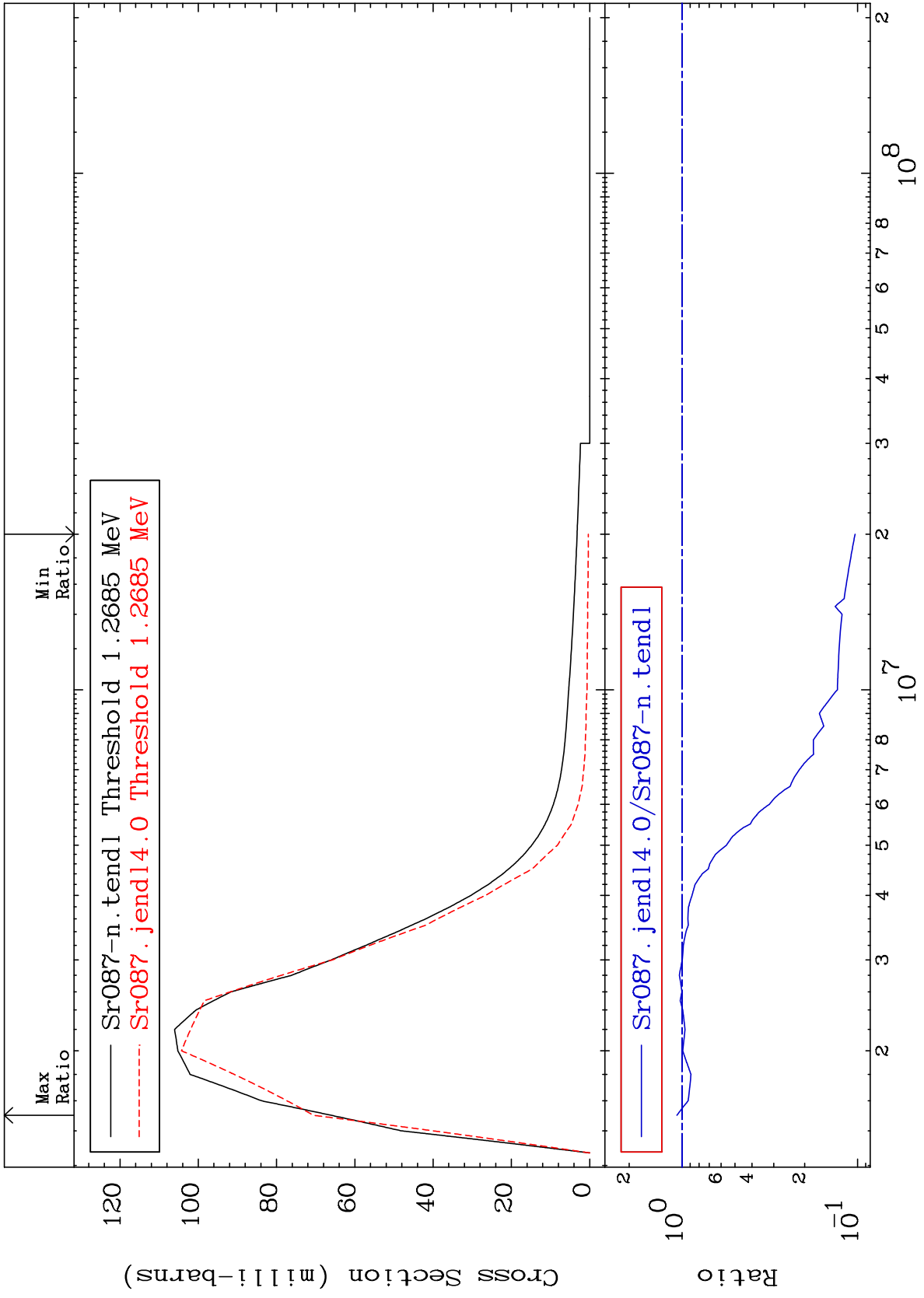
38-Sr-87
-20.11 To 9999. %



MAT 3834

1.254 MeV (n,n') Level
Cross Section

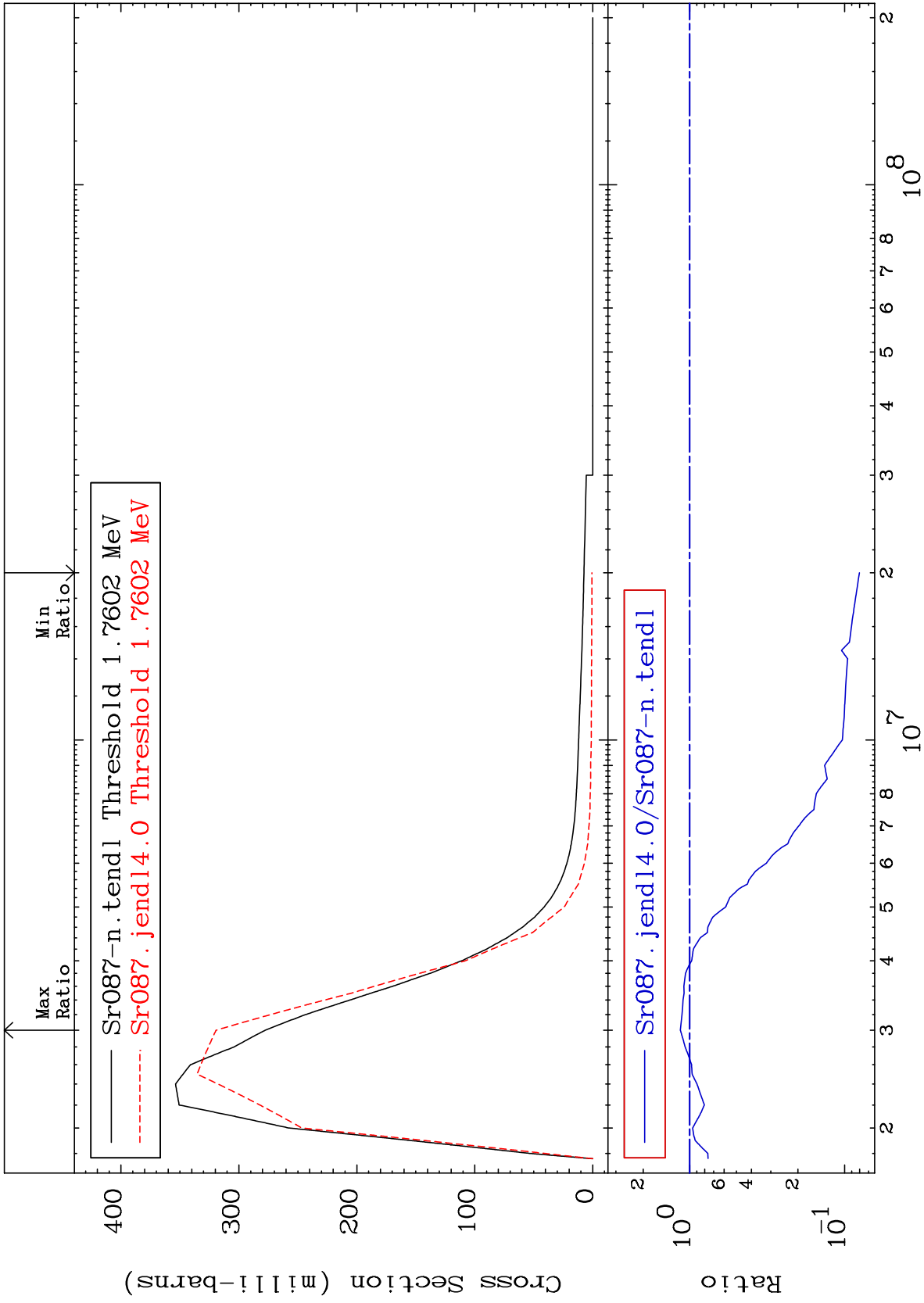
38-Sr-87
-89.67 To 6.919 %



MAT 3834

1.740 MeV (n,n') Level
Cross Section

38-Sr-87
-91.98 To 14.99 %



12

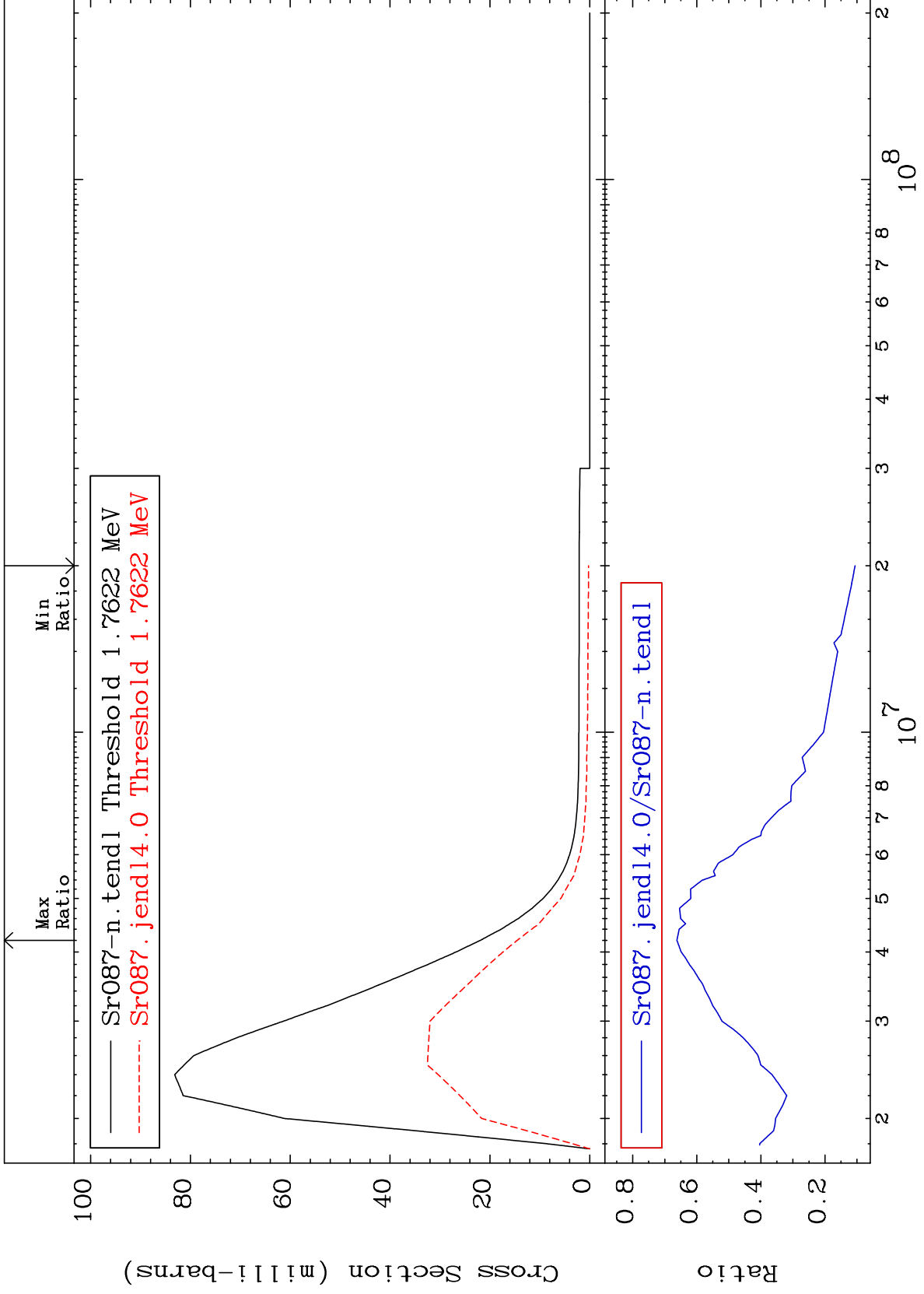
38-Sr-87

38-Sr-87

MAT 3834

1.742 MeV (n,n') Level
Cross Section

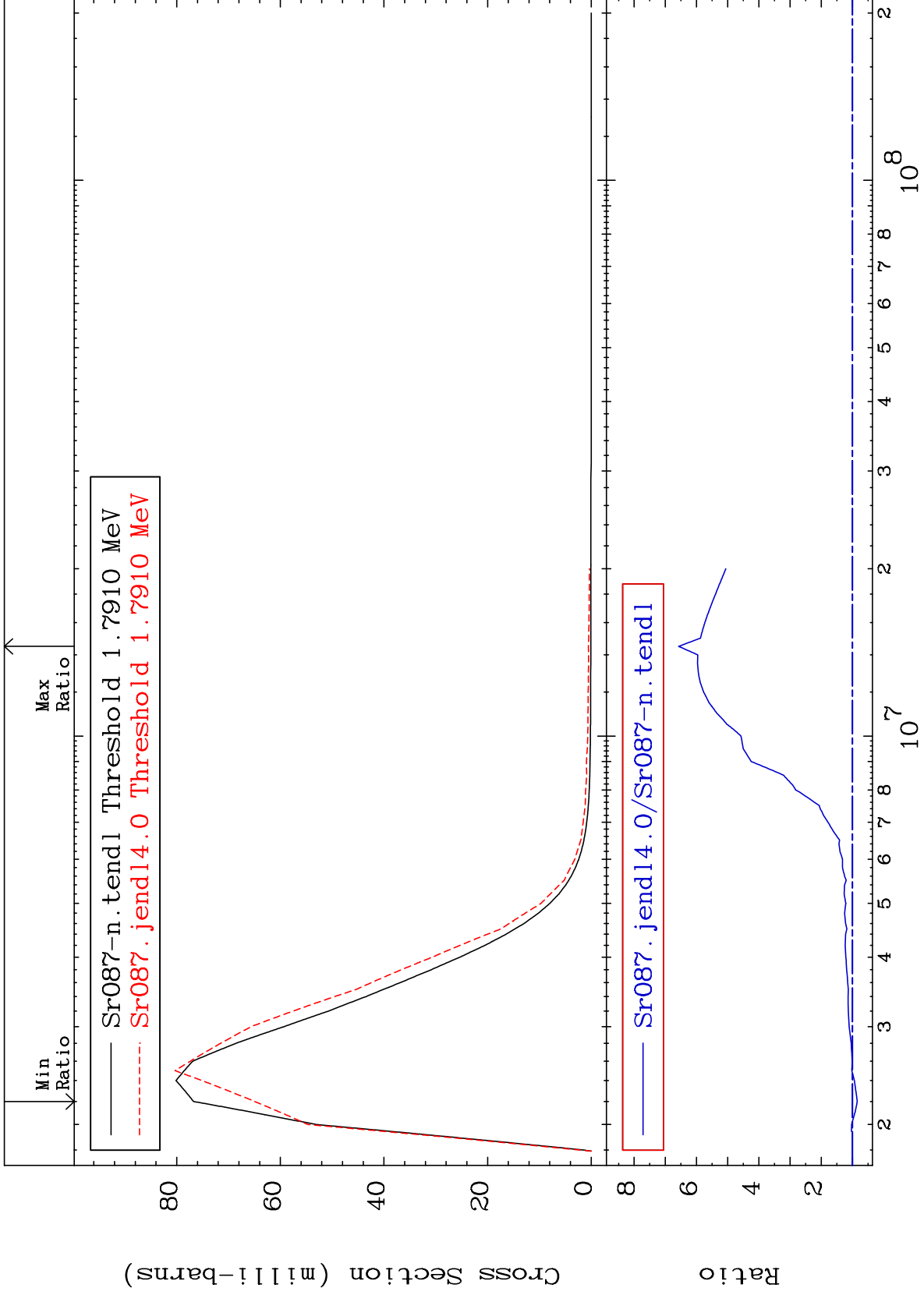
38-Sr-87
-89.39 To -33.80%



MAT 3834

1.770 MeV (n,n') Level
Cross Section

38-Sr-87
-15.37 To 557.4 %



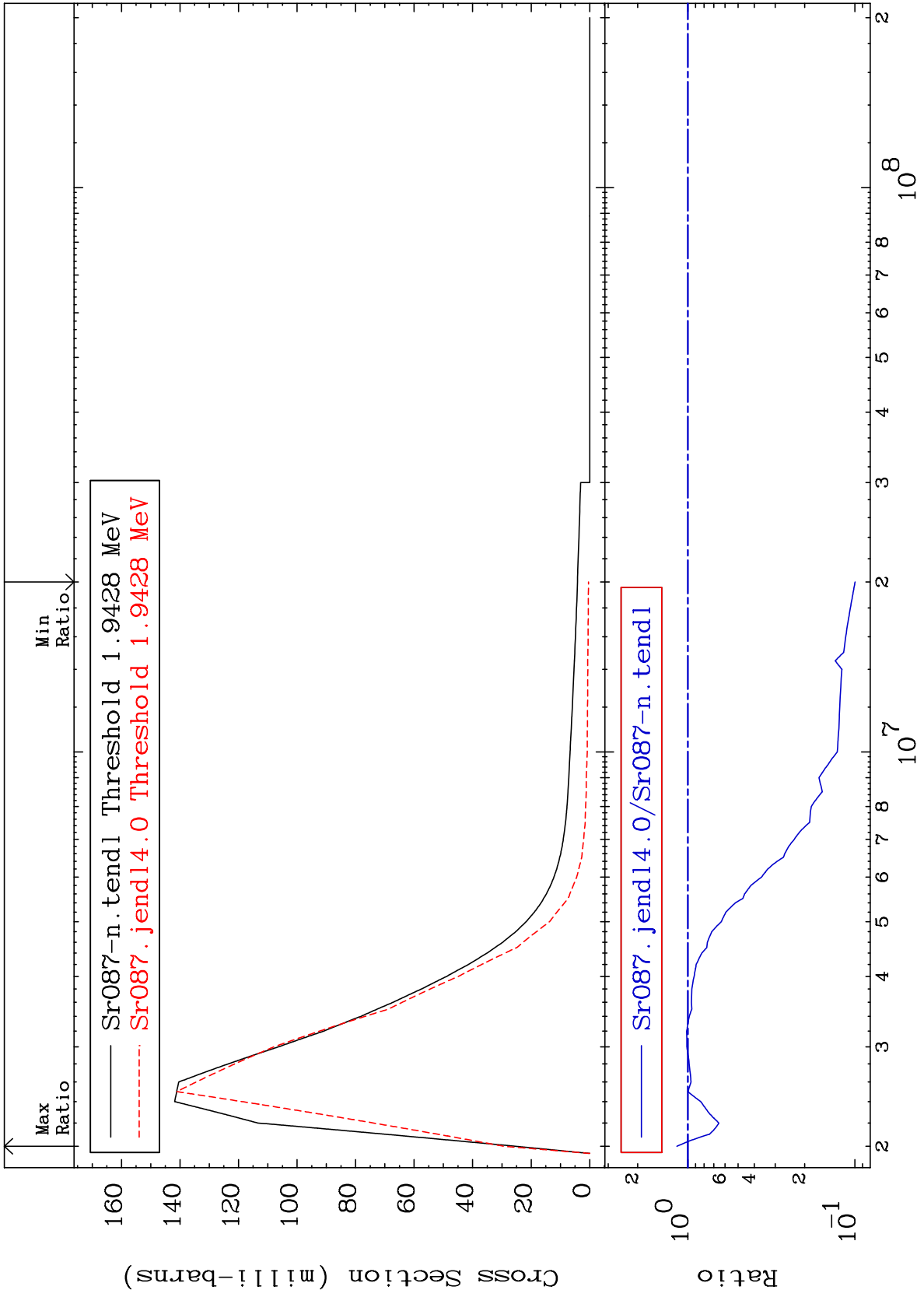
14

38-Sr-87

MAT 3834

1.920 MeV (n,n') Level
Cross Section

38-Sr-87
-90.02 To 16.28 %



15

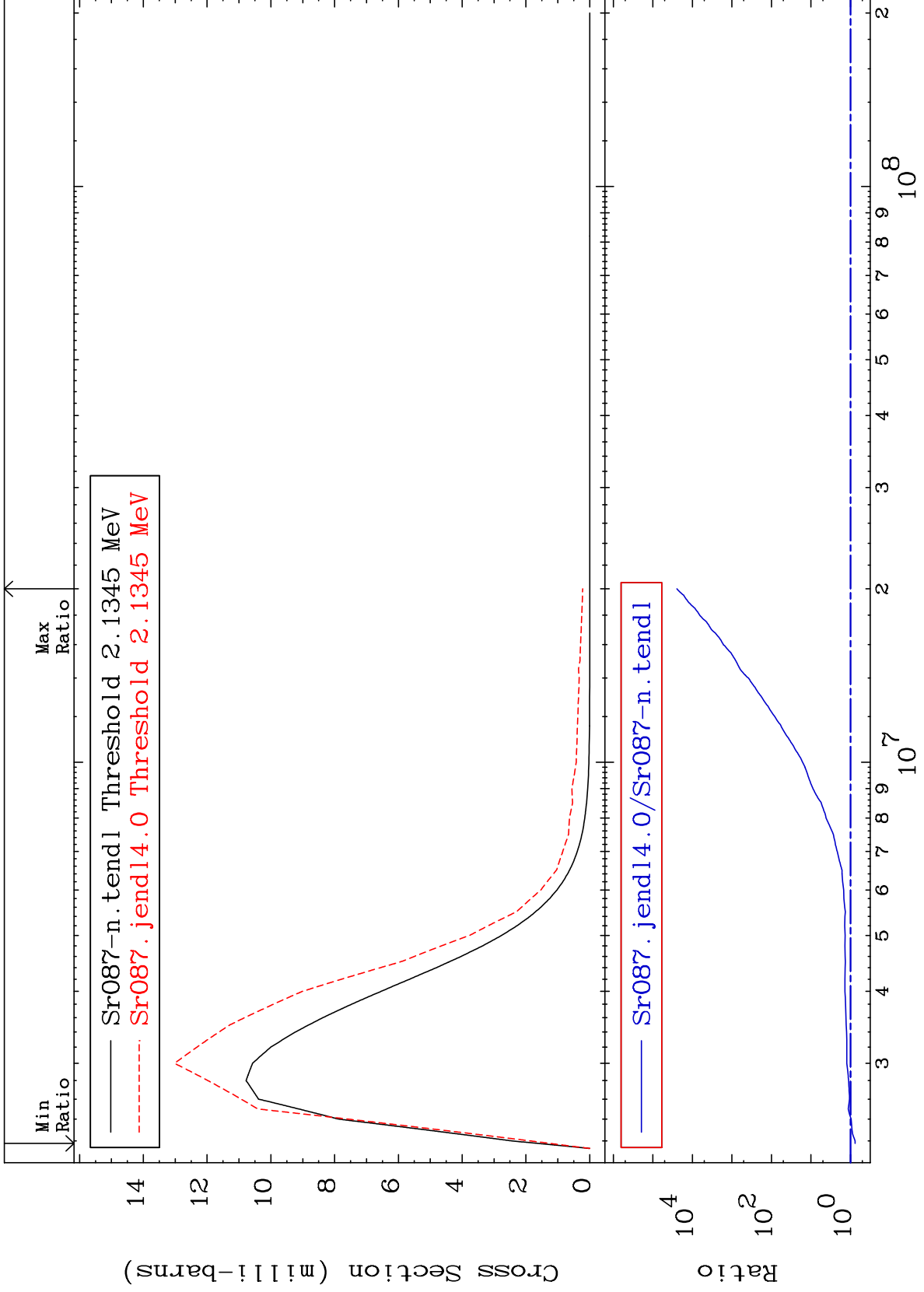
38-Sr-87

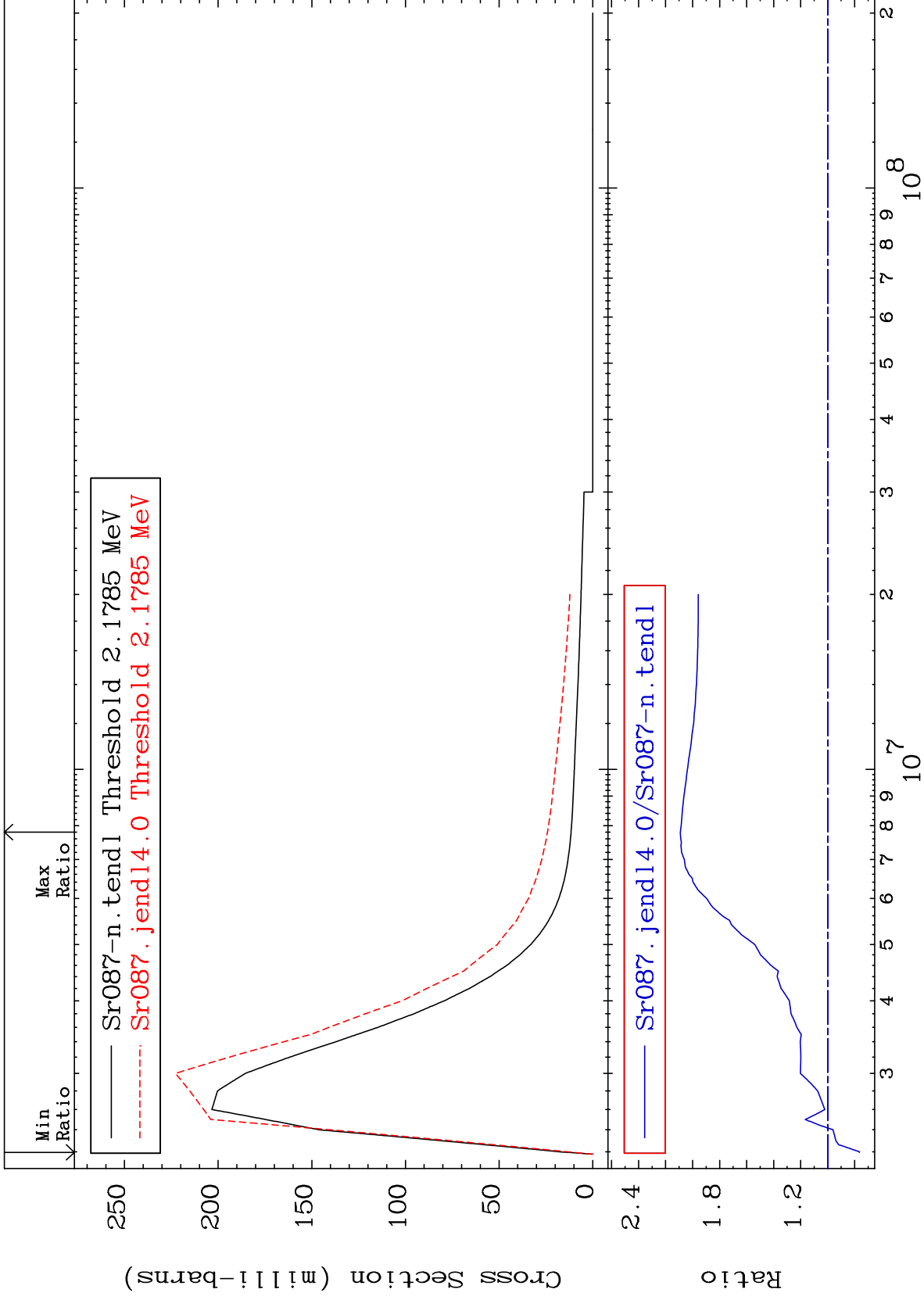
38-Sr-87

MAT 3834

2.110 MeV (n,n') Level
Cross Section

38-Sr-87
-23.66 To 9999. %

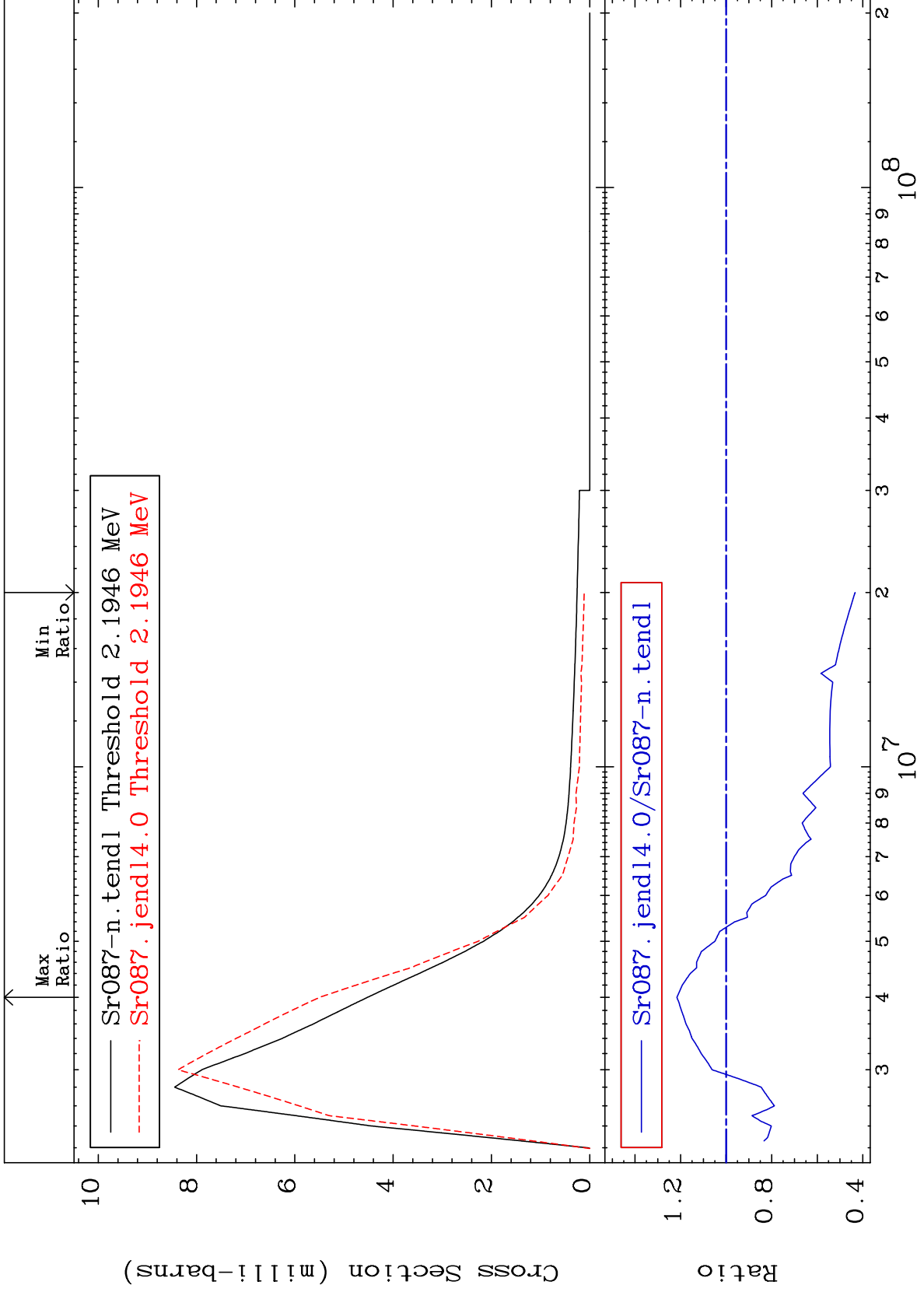




MAT 3834

2.169 MeV (n,n') Level
Cross Section

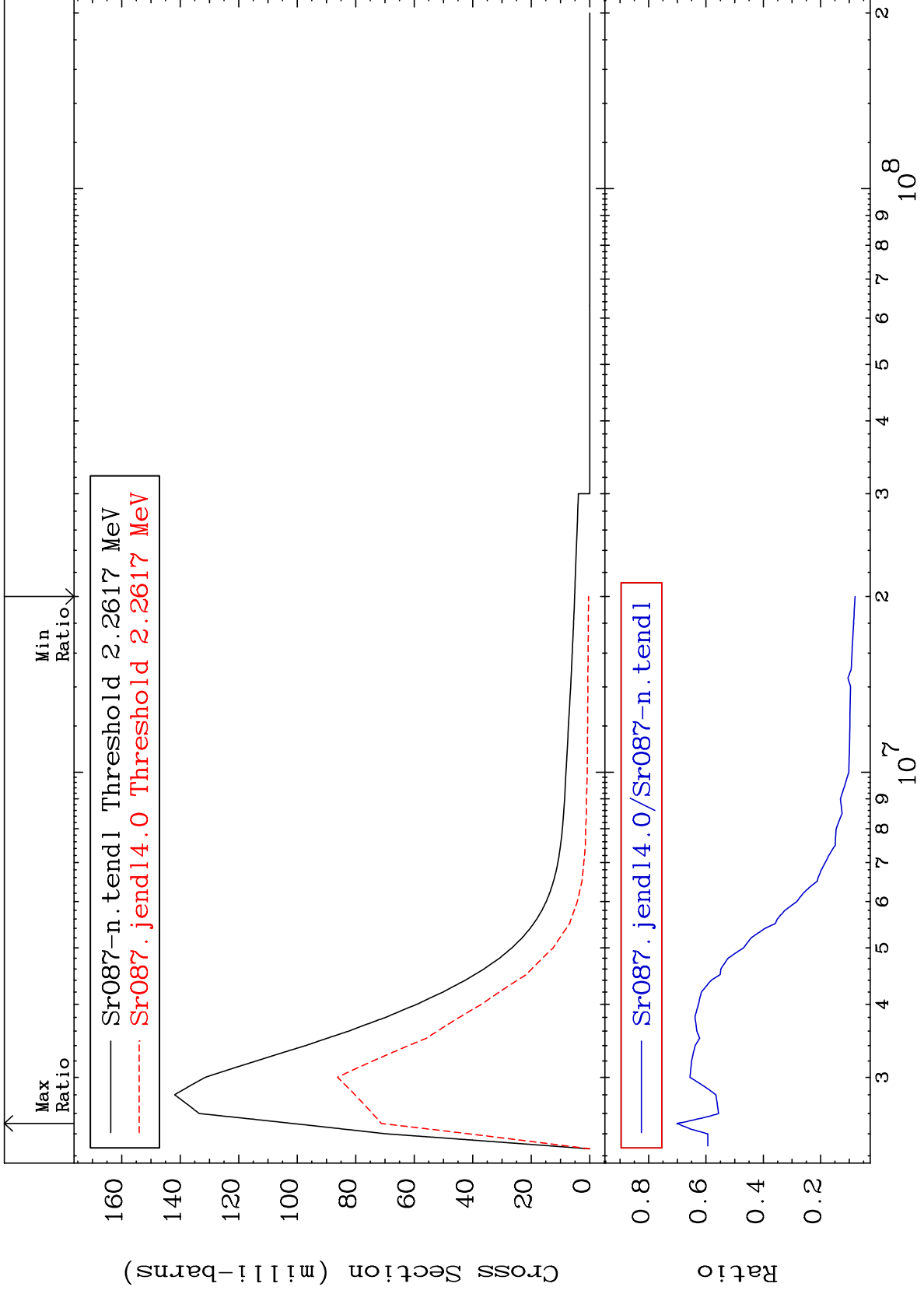
38-Sr-87
-56.62 To 21.61 %



MAT 3834

2.236 MeV (n,n') Level
Cross Section

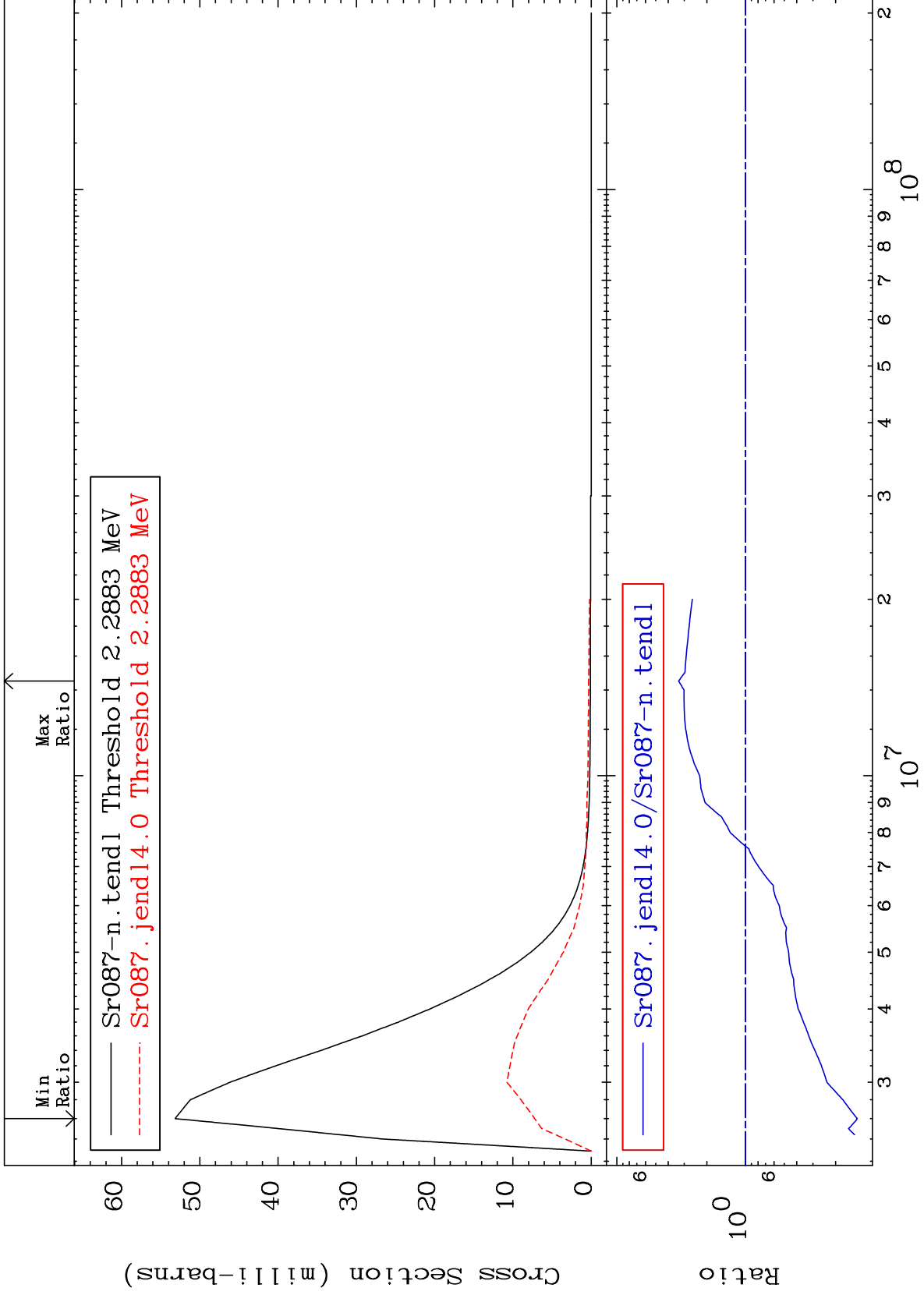
38-Sr-87
-92.01 To -29.85%



MAT 3834

2.262 MeV (n,n') Level
Cross Section

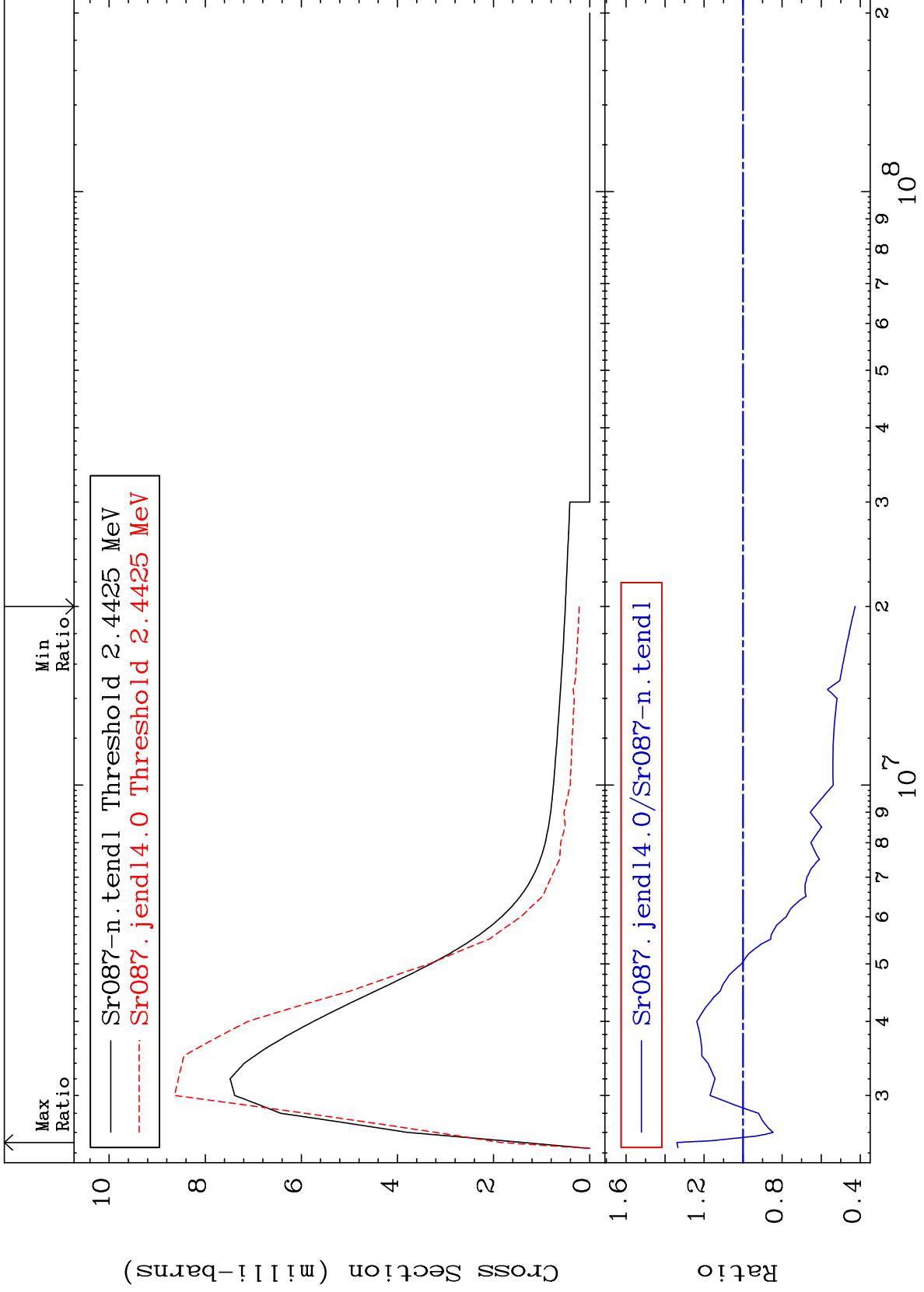
38-Sr-87
-86.43 To 231.2 %



MAT 3834

2.415 MeV (n,n') Level
Cross Section

38-Sr-87
-57.37 To 33.89 %



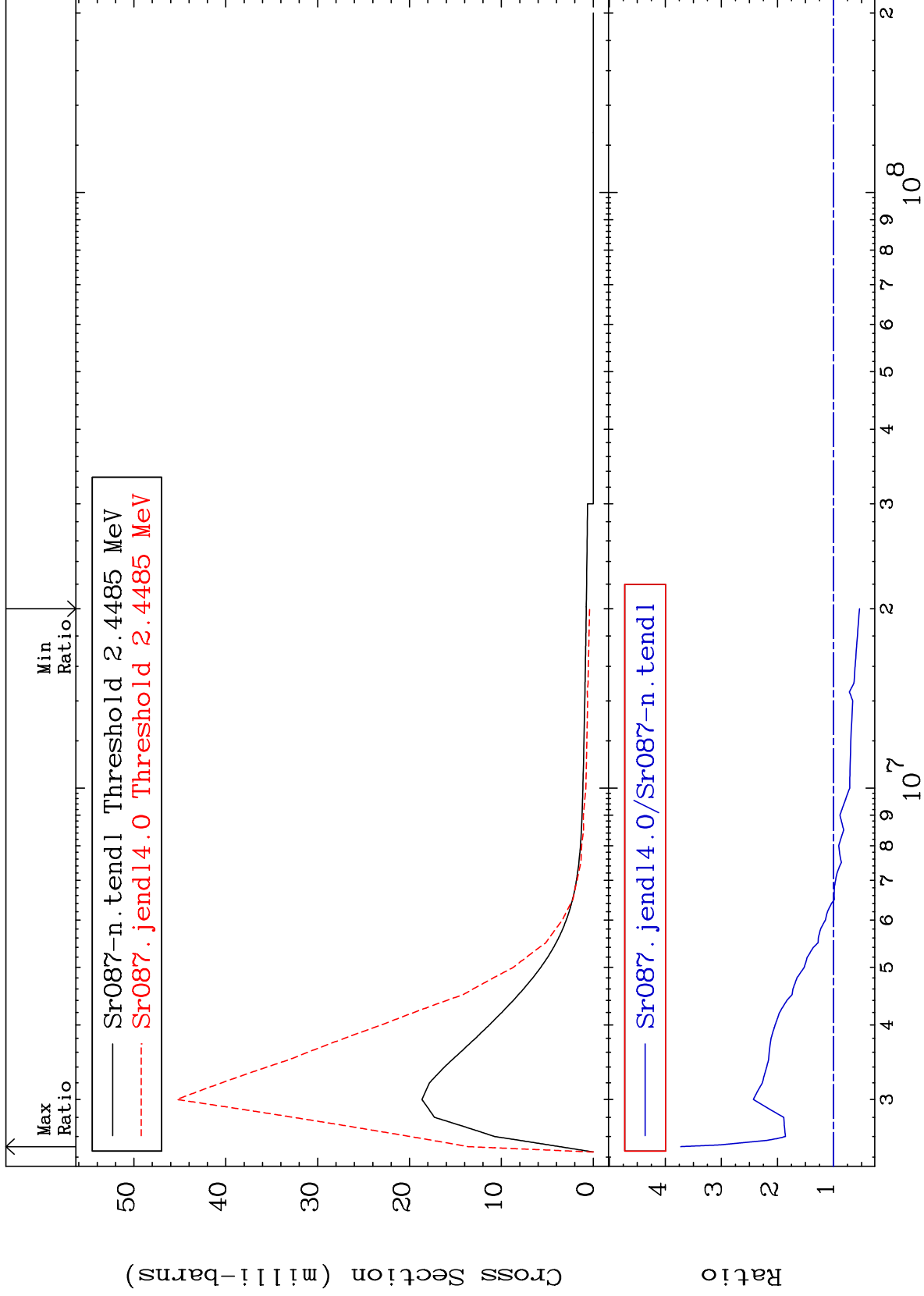
MAT 3834

2.420 MeV (n,n') Level

38-Sr-87

-46.47 To 272.4 %

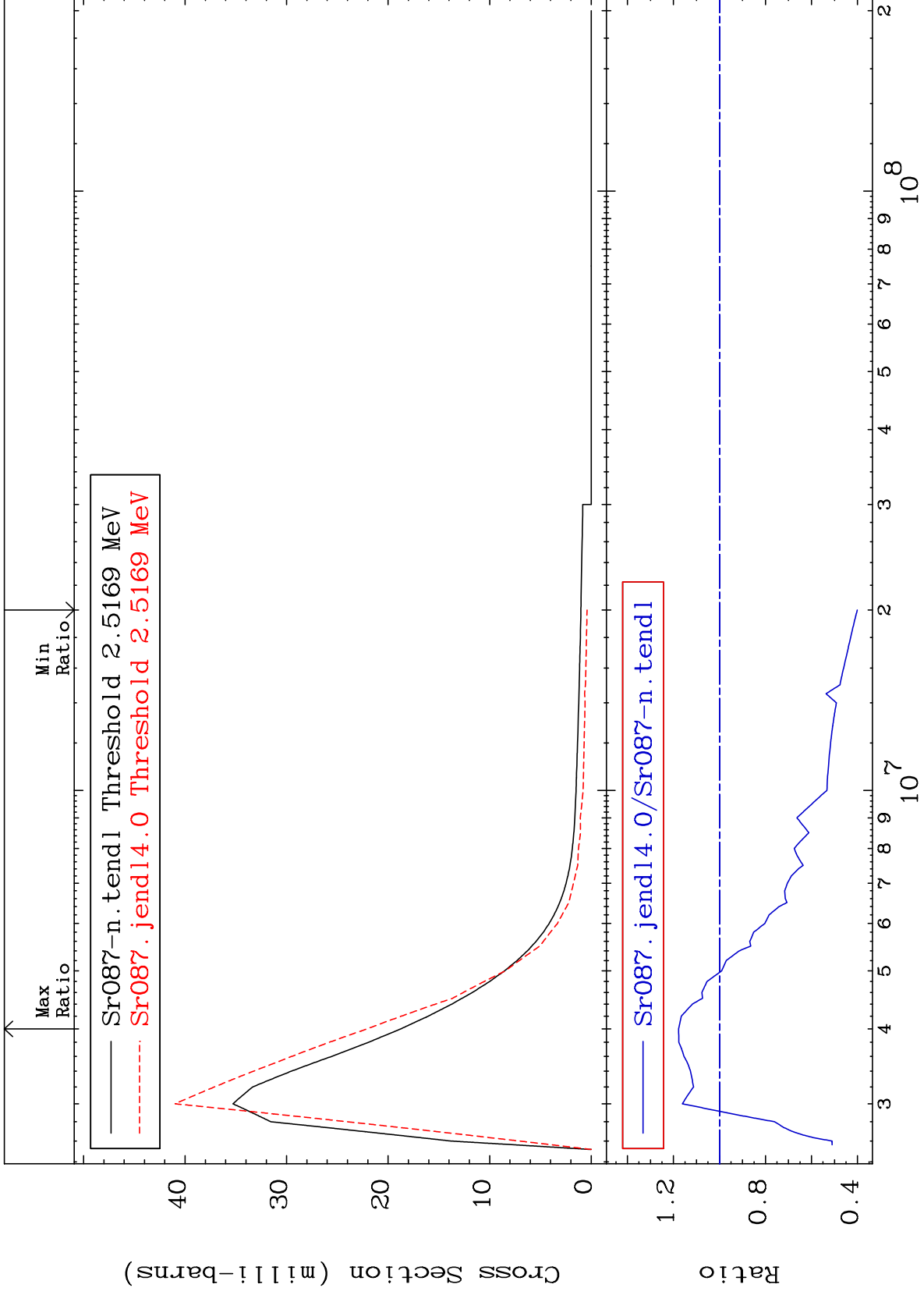
Cross Section



MAT 3834

2.488 MeV (n,n') Level
Cross Section

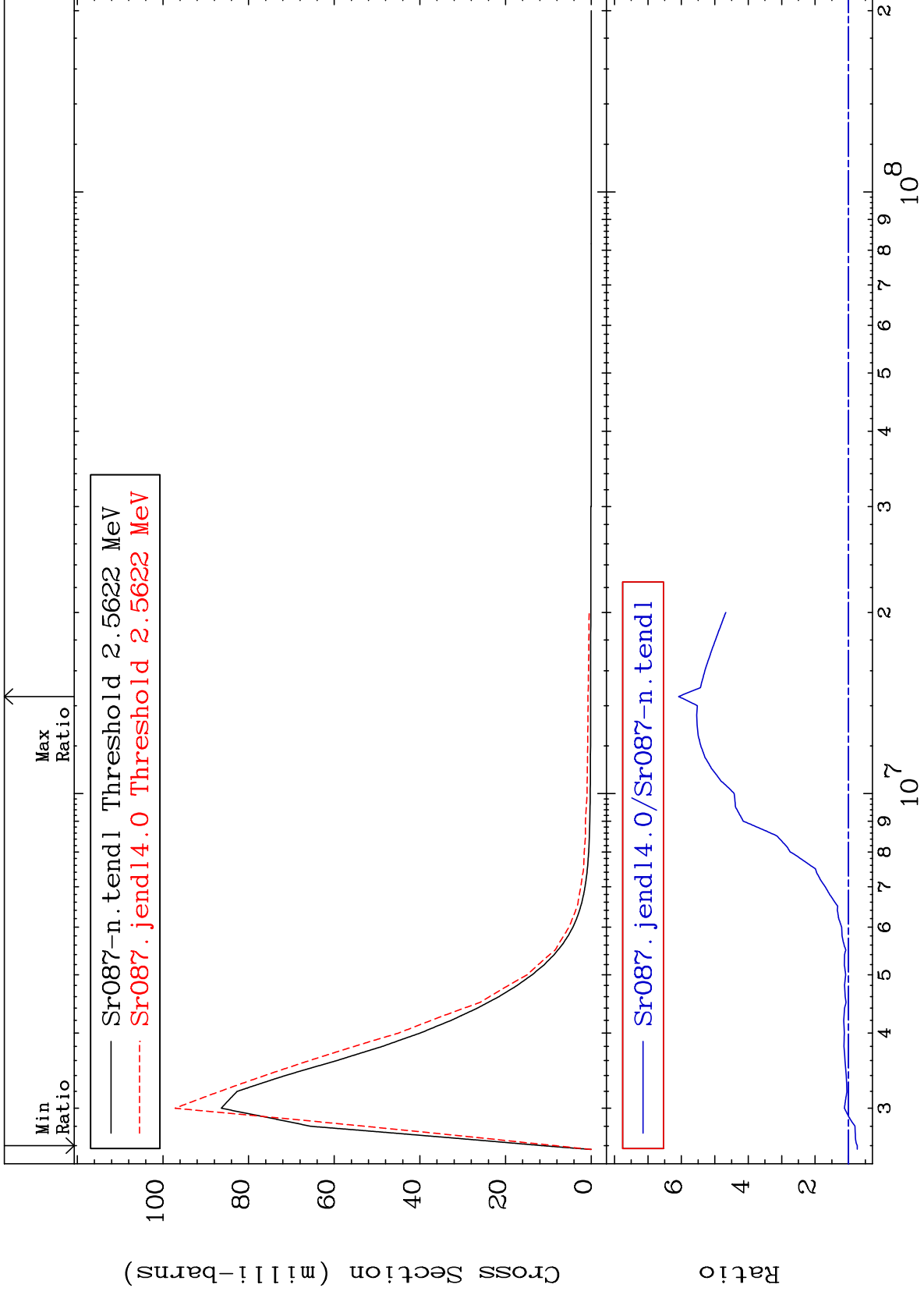
38-Sr-87
-59.88 To 17.76 %



MAT 3834

2.533 MeV (n,n') Level
Cross Section

38-Sr-87
-26.01 To 508.2 %



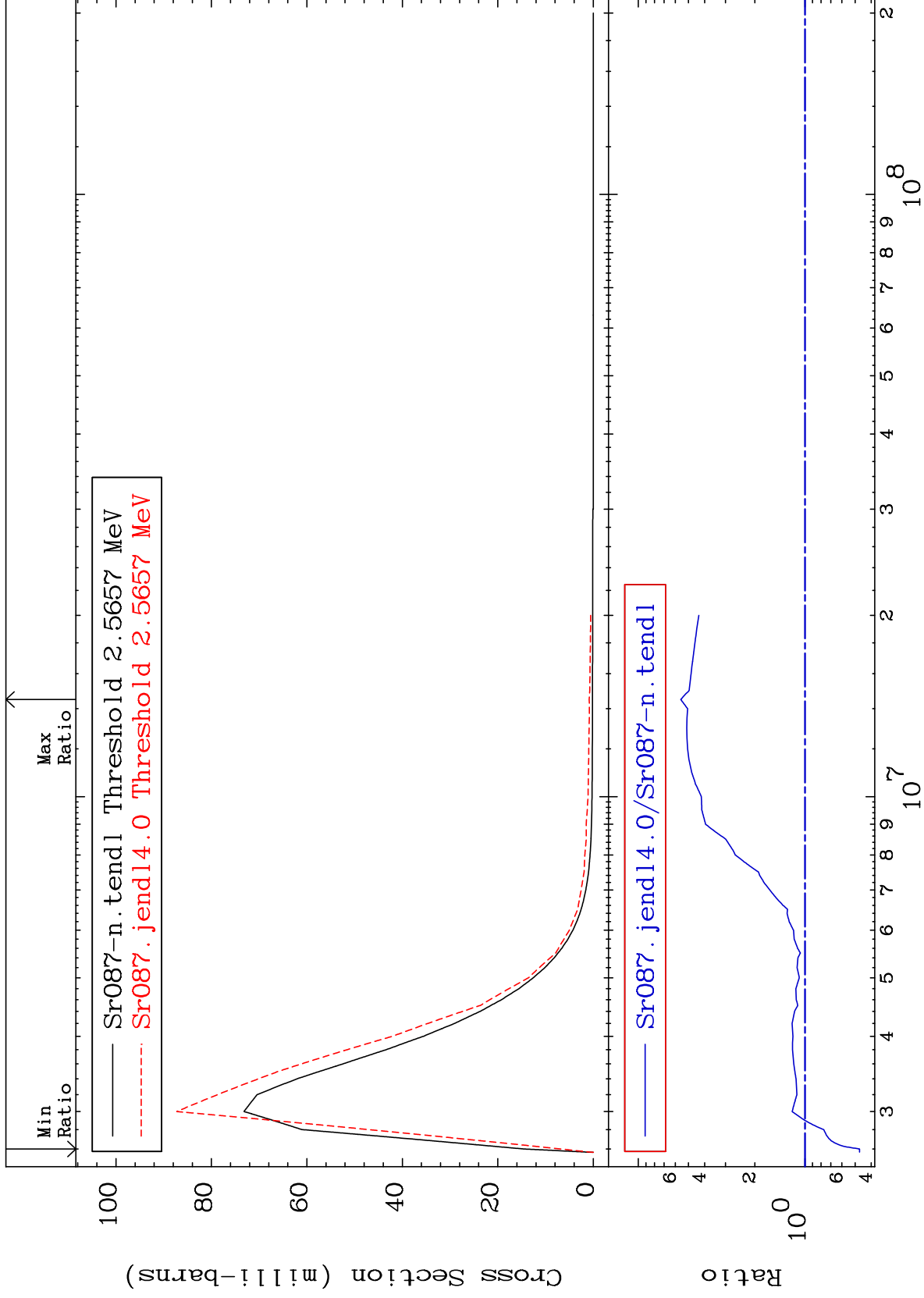
24

38-Sr-87

MAT 3834

2.536 MeV (n,n') Level
Cross Section

38-Sr-87
-52.99 To 456.4 %



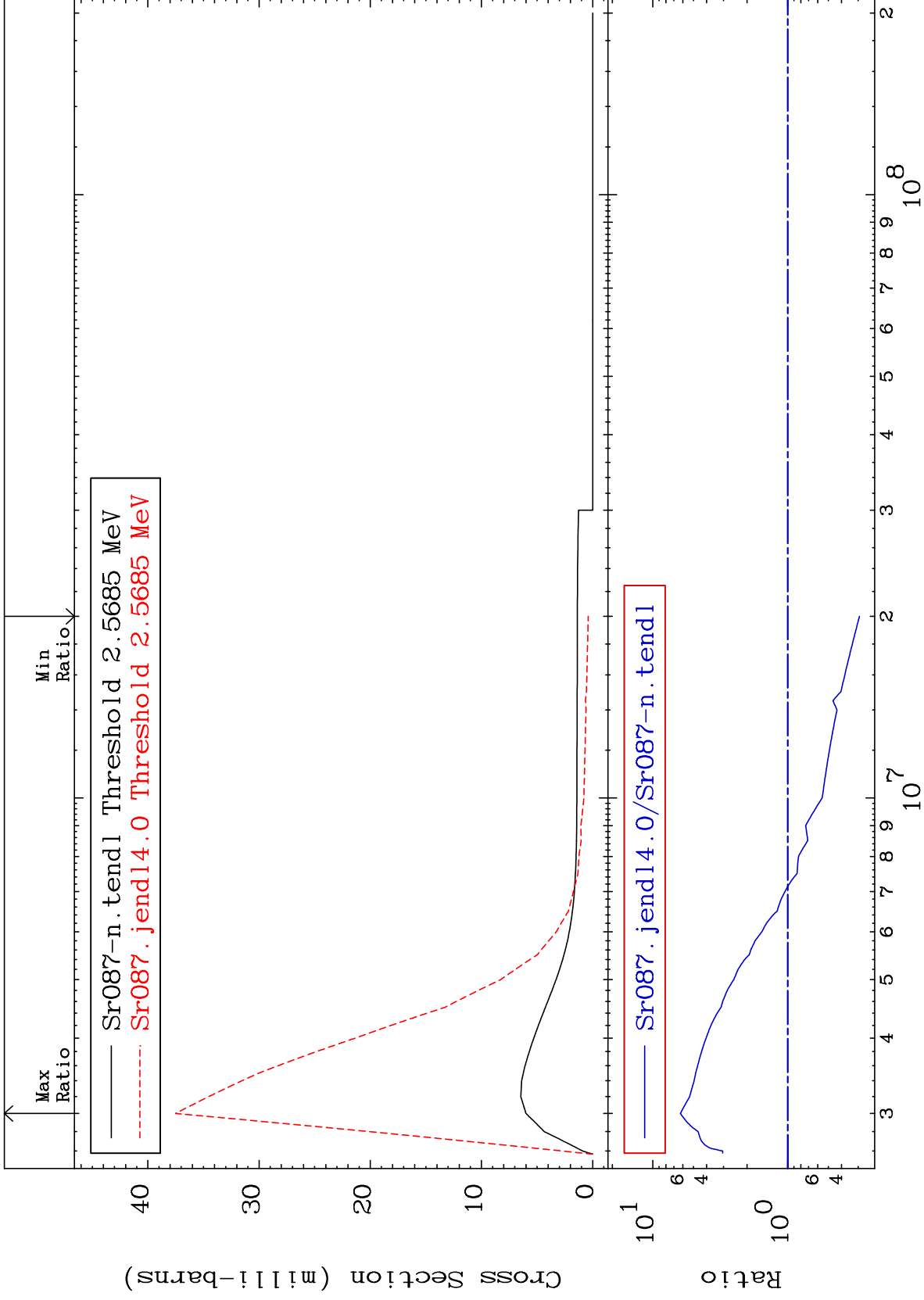
25

38-Sr-87

MAT 3834

2.539 MeV (n,n') Level
Cross Section

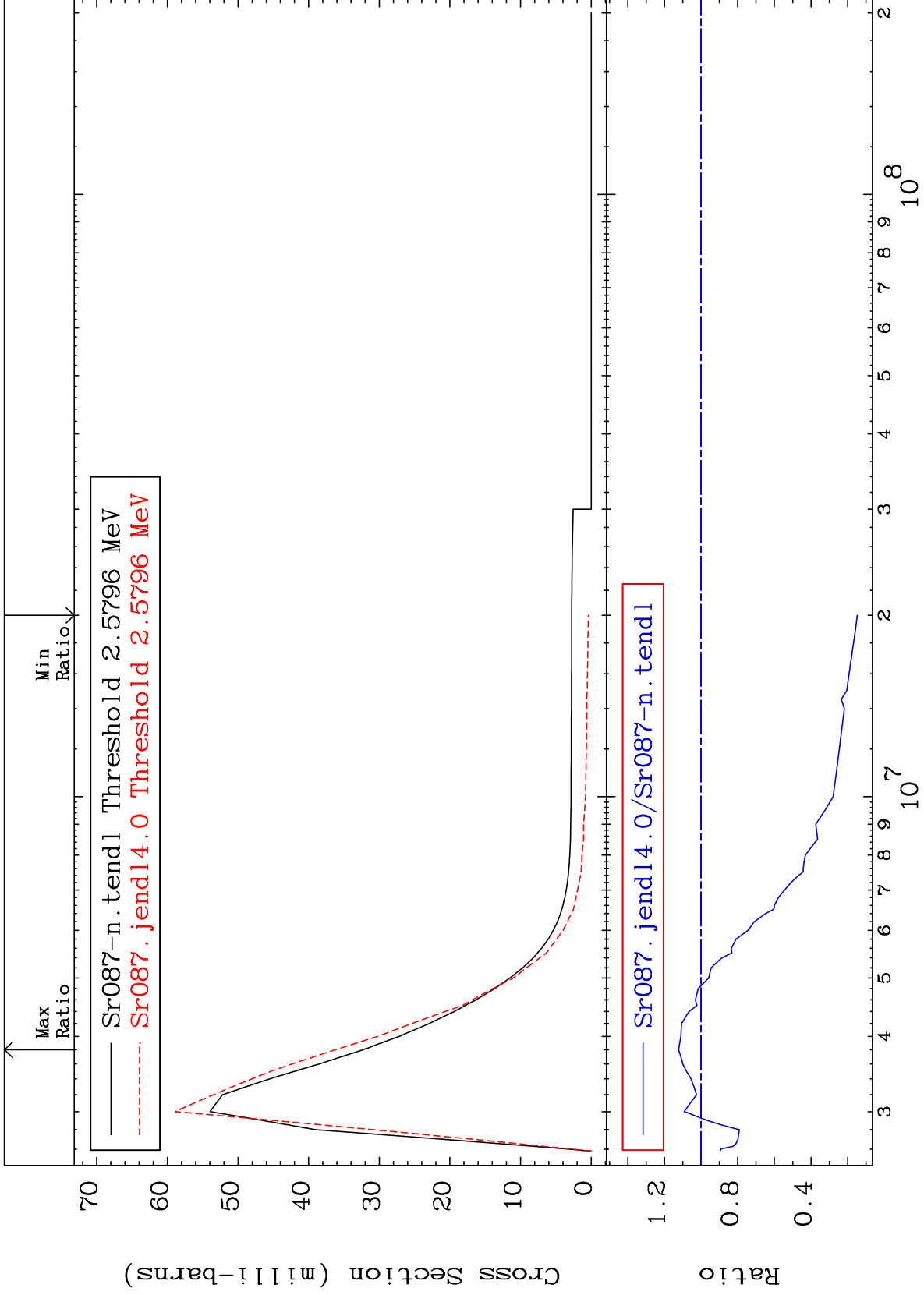
38-Sr-87
-70.60 To 525.3 %



MAT 3834

2.550 MeV (n,n') Level
Cross Section

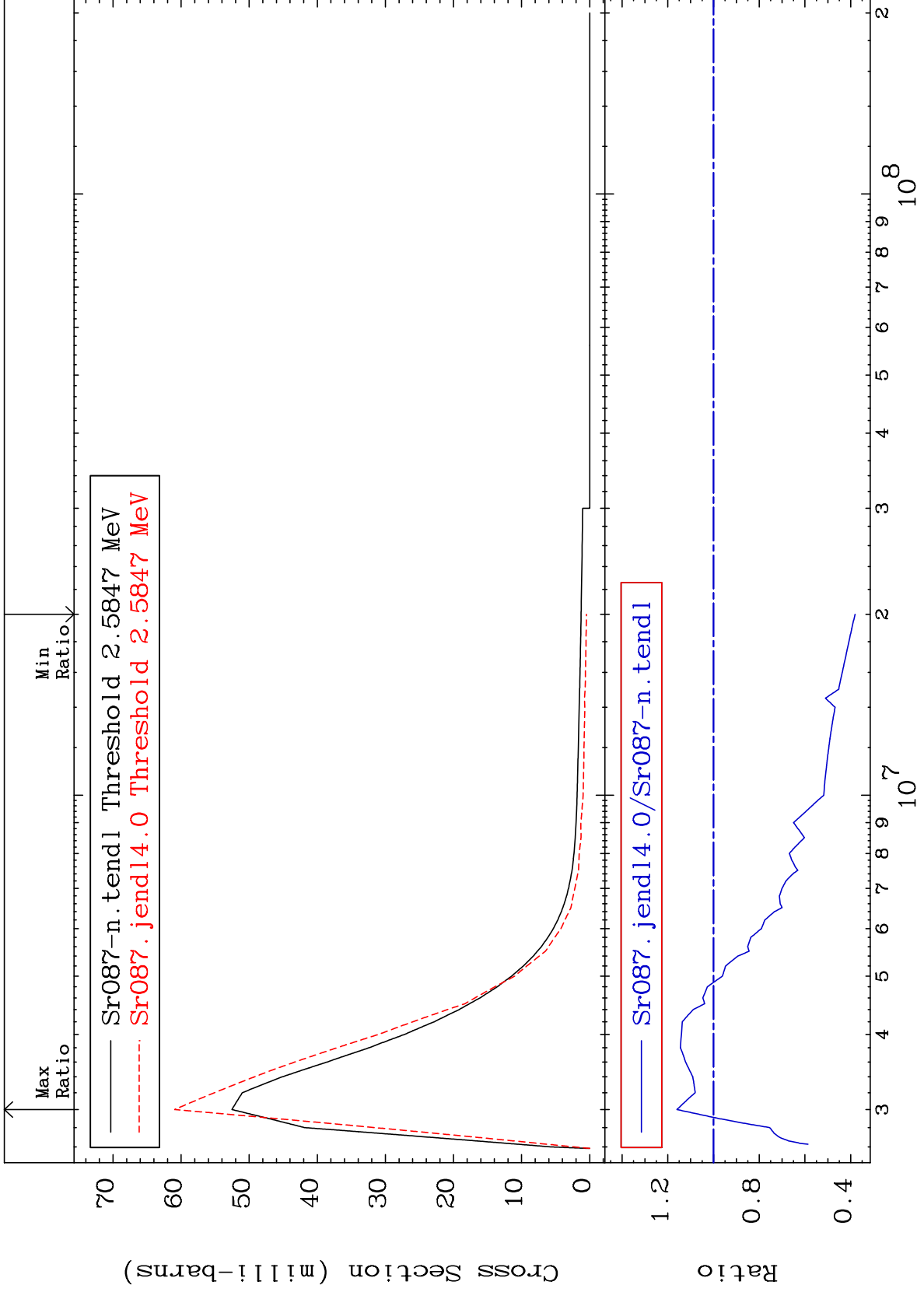
38-Sr-87
-85.25 To 12.25 %



MAT 3834

2.555 MeV (n,n') Level
Cross Section

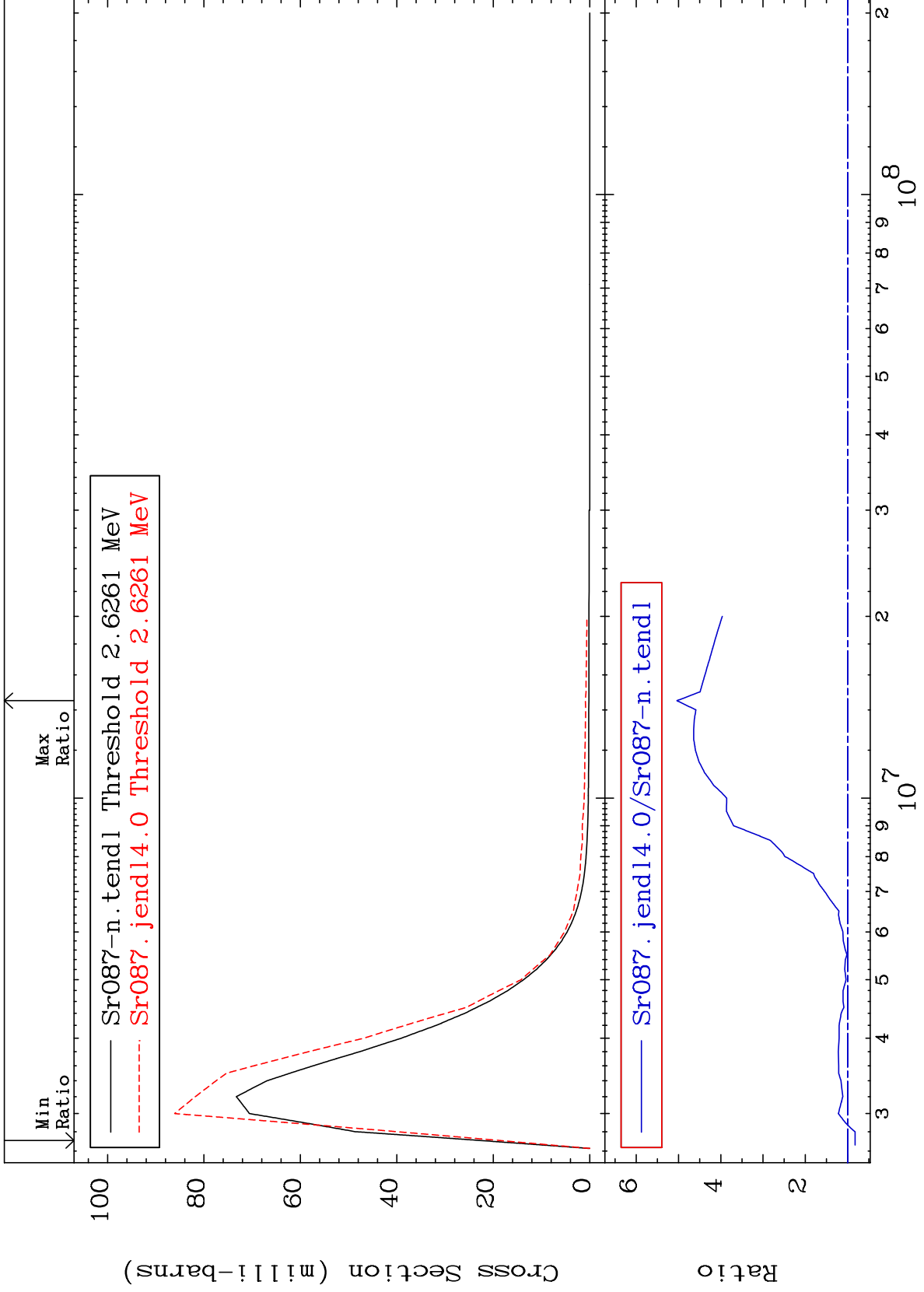
38-Sr-87
-61.92 To 16.01 %



MAT 3834

2.596 MeV (n,n') Level
Cross Section

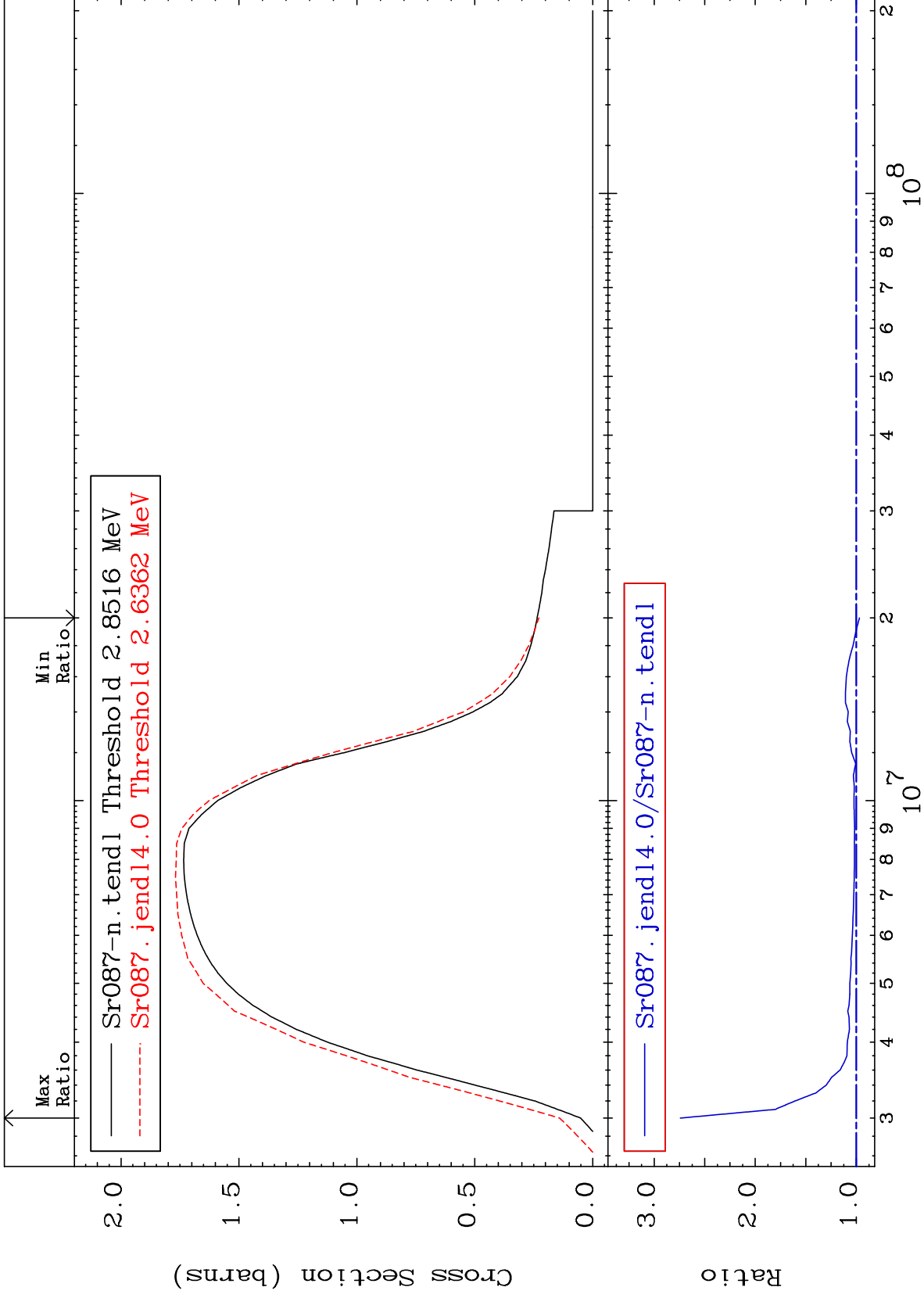
38-Sr-87
-17.60 To 403.7 %



MAT 3834

(n, n') Continuum
Cross Section

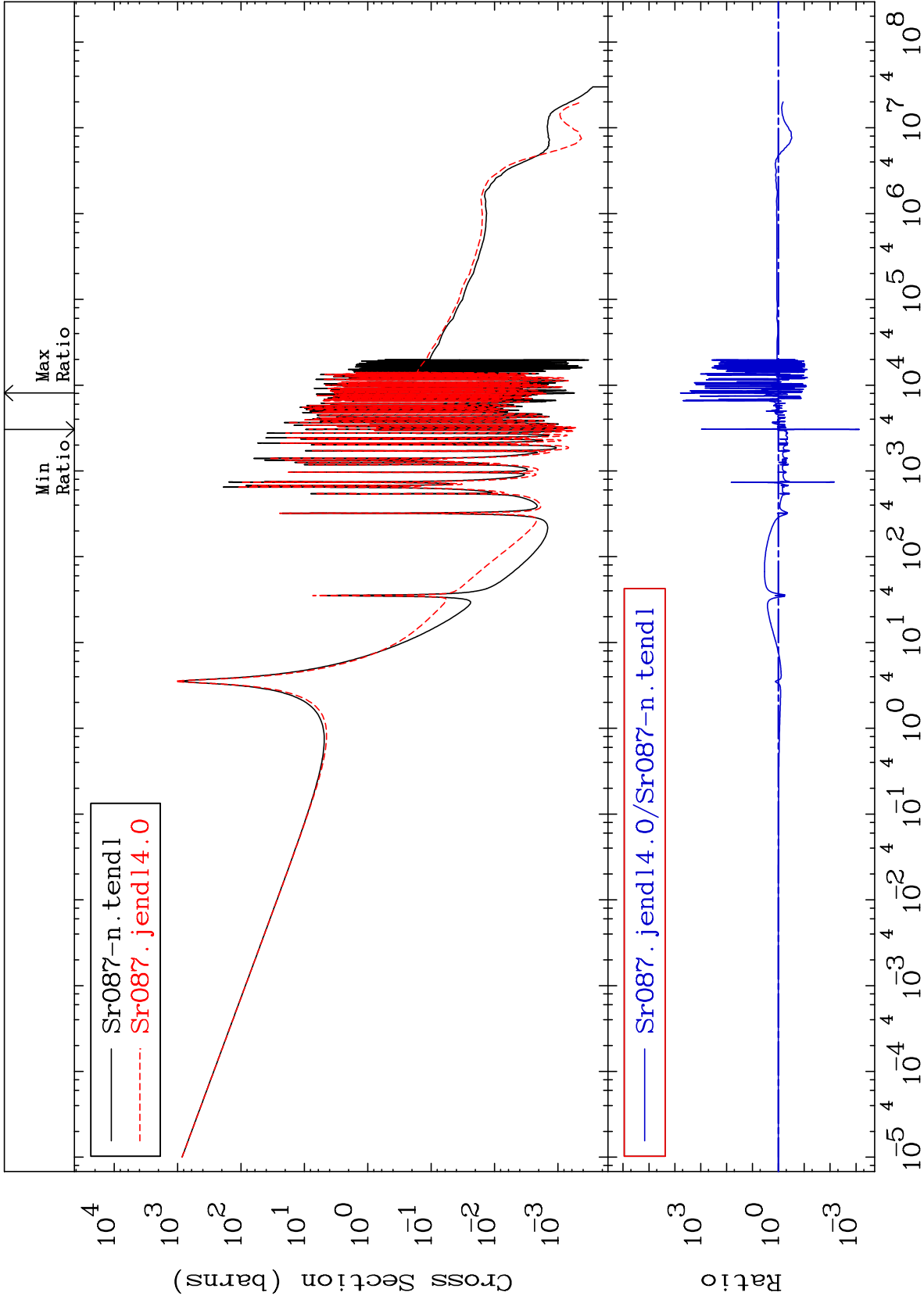
³⁸Sr-87
-3.051 To 174.1 %



30

Incident Energy (eV)

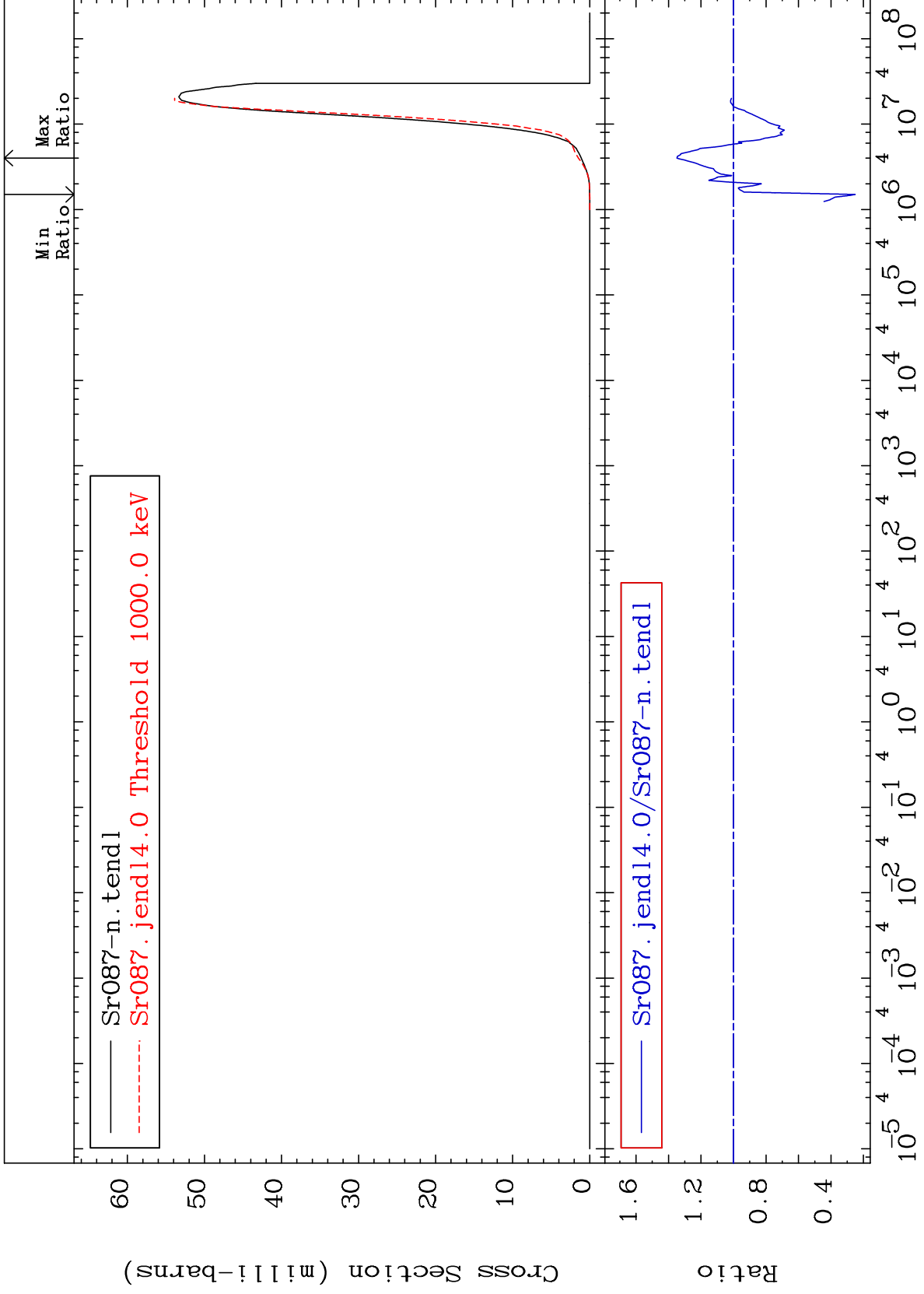
³⁸Sr-87



MAT 3834

(n,p)
Cross Section

38-Sr-87
-74.84 To 34.82 %



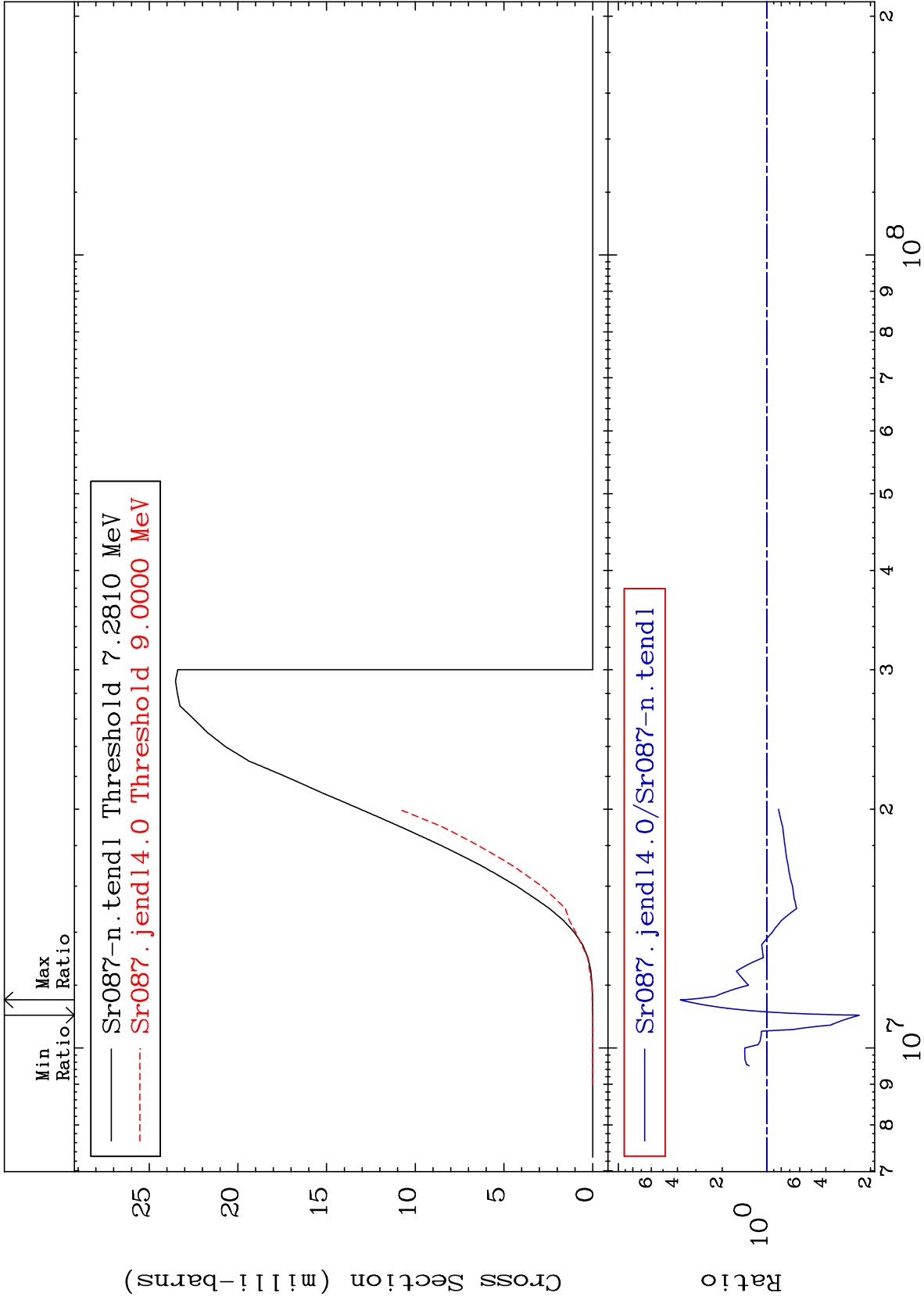
32

Incident Energy (eV)

38-Sr-87

Cross Section

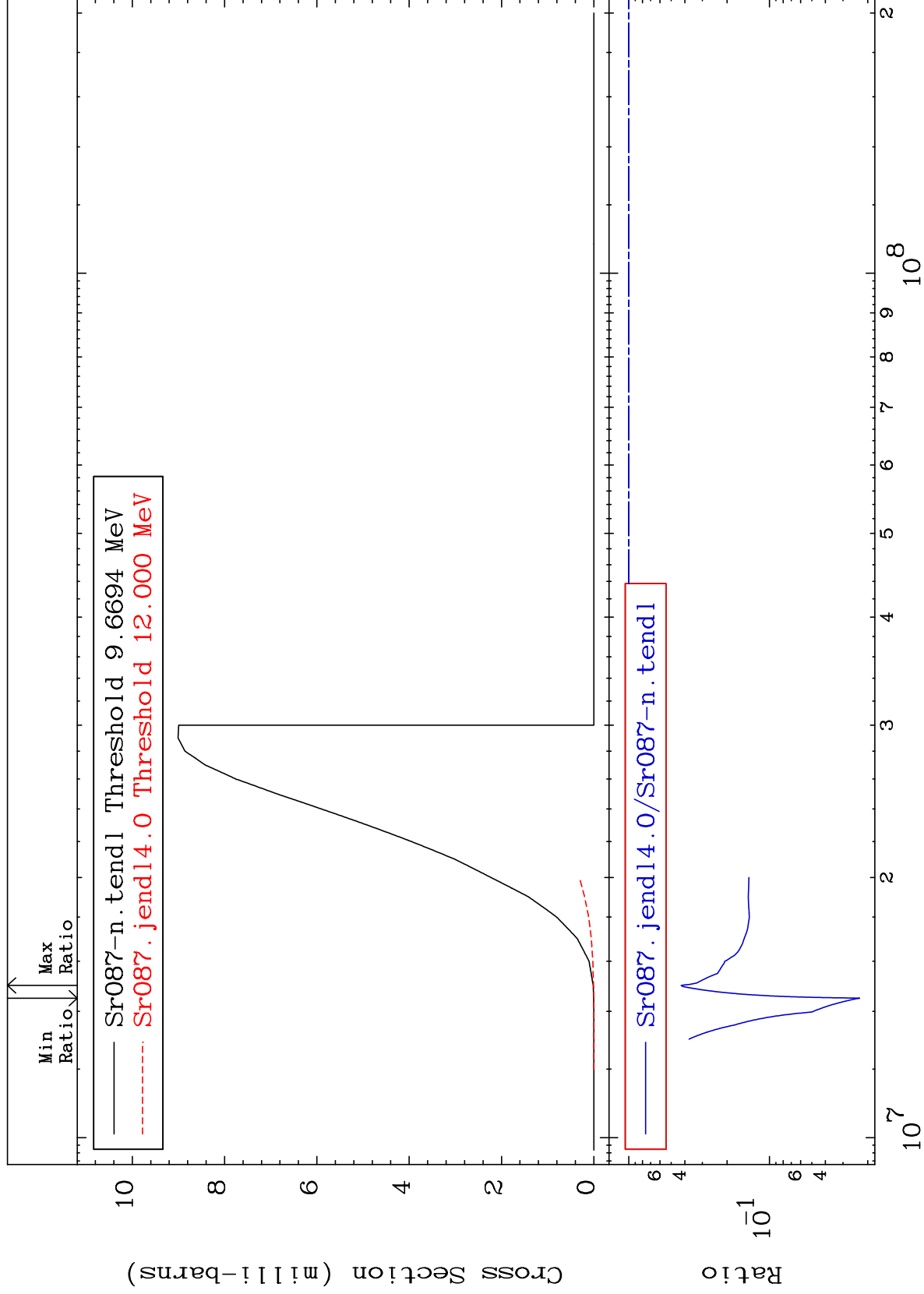
-76.22 To 282.5 %



MAT 3834

(n, t)
Cross Section

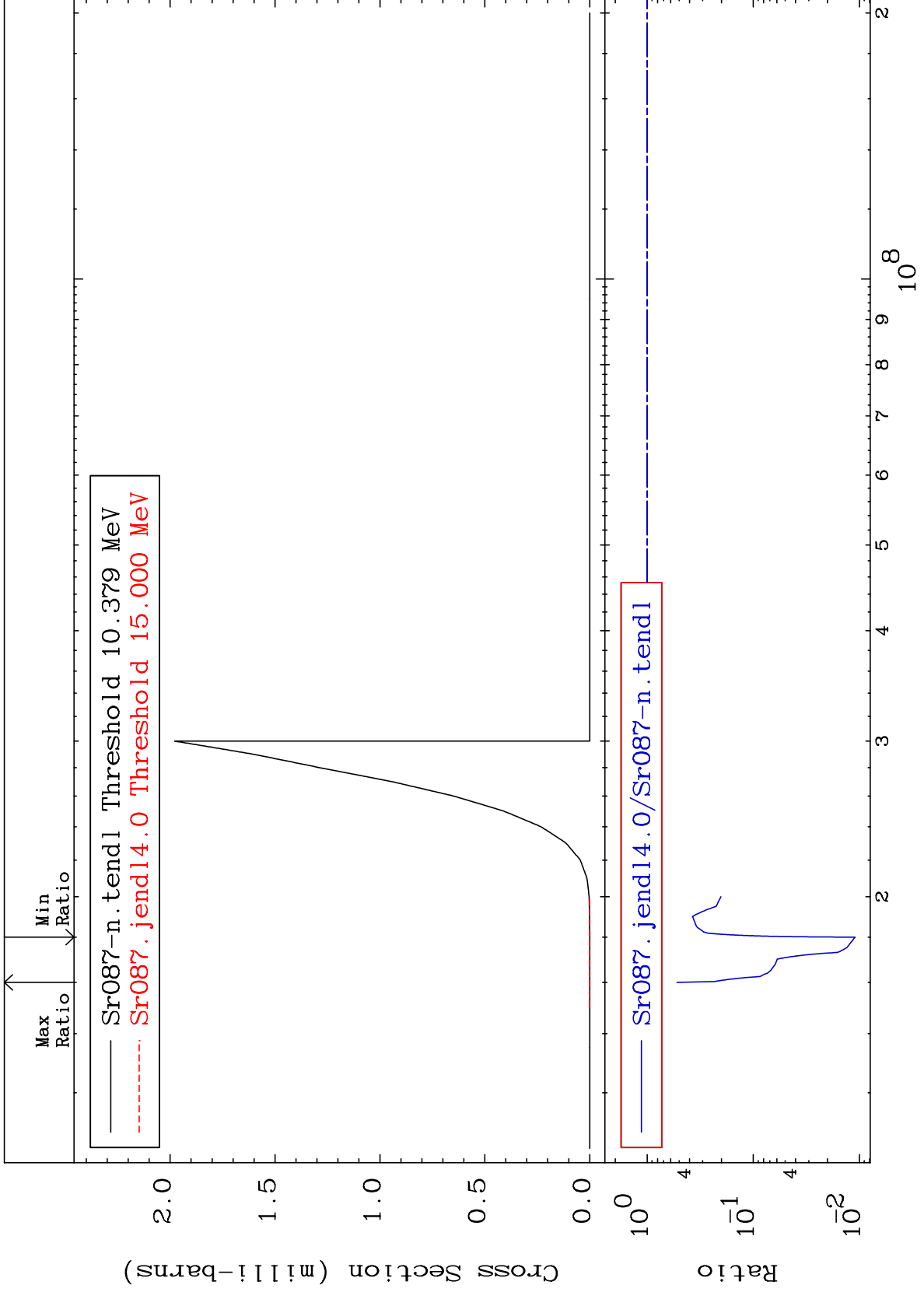
38-Sr-87
-97.72 To -57.56%



34

38-Sr-87

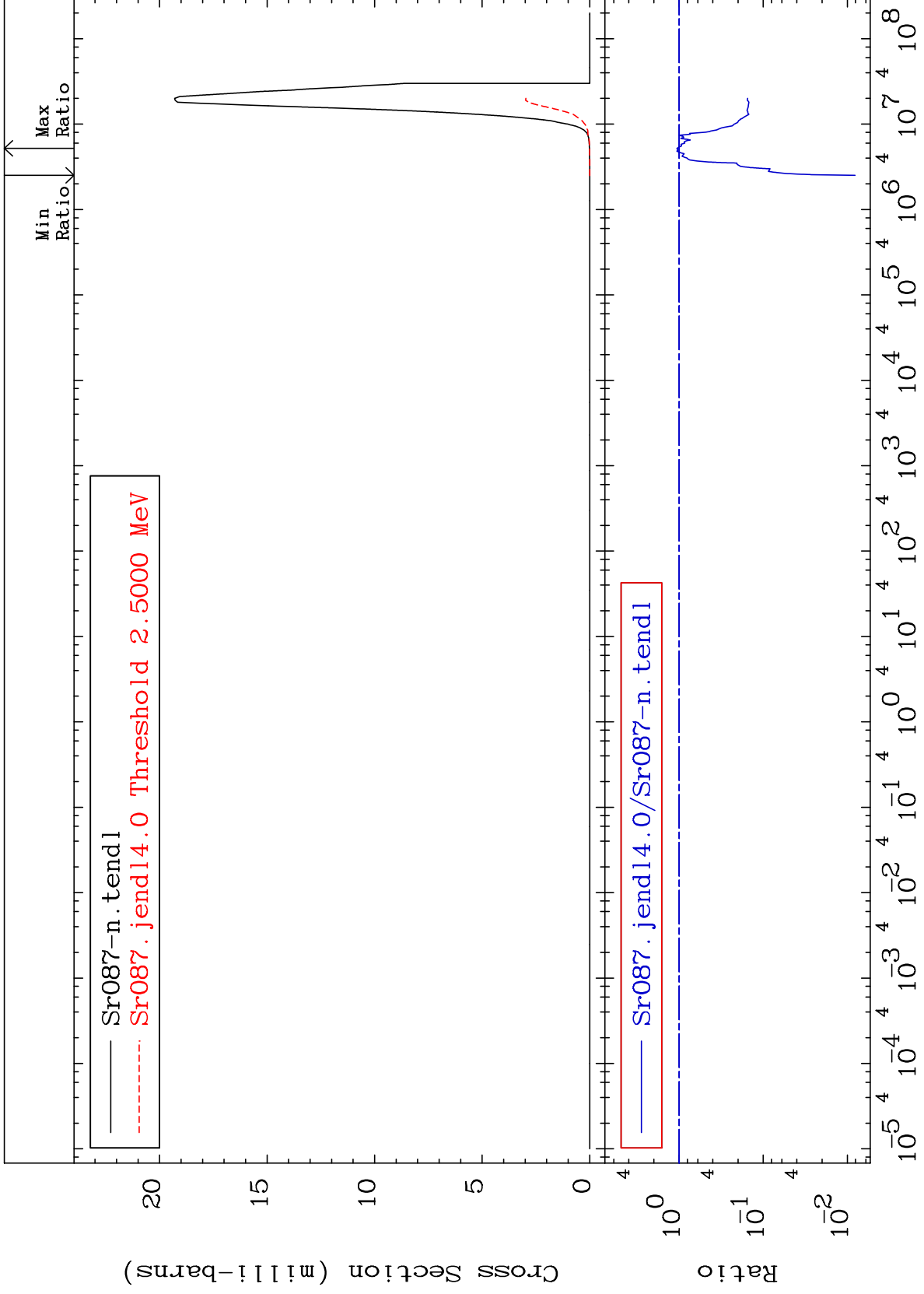
38-Sr-87



MAT 3834

(n, α)
Cross Section

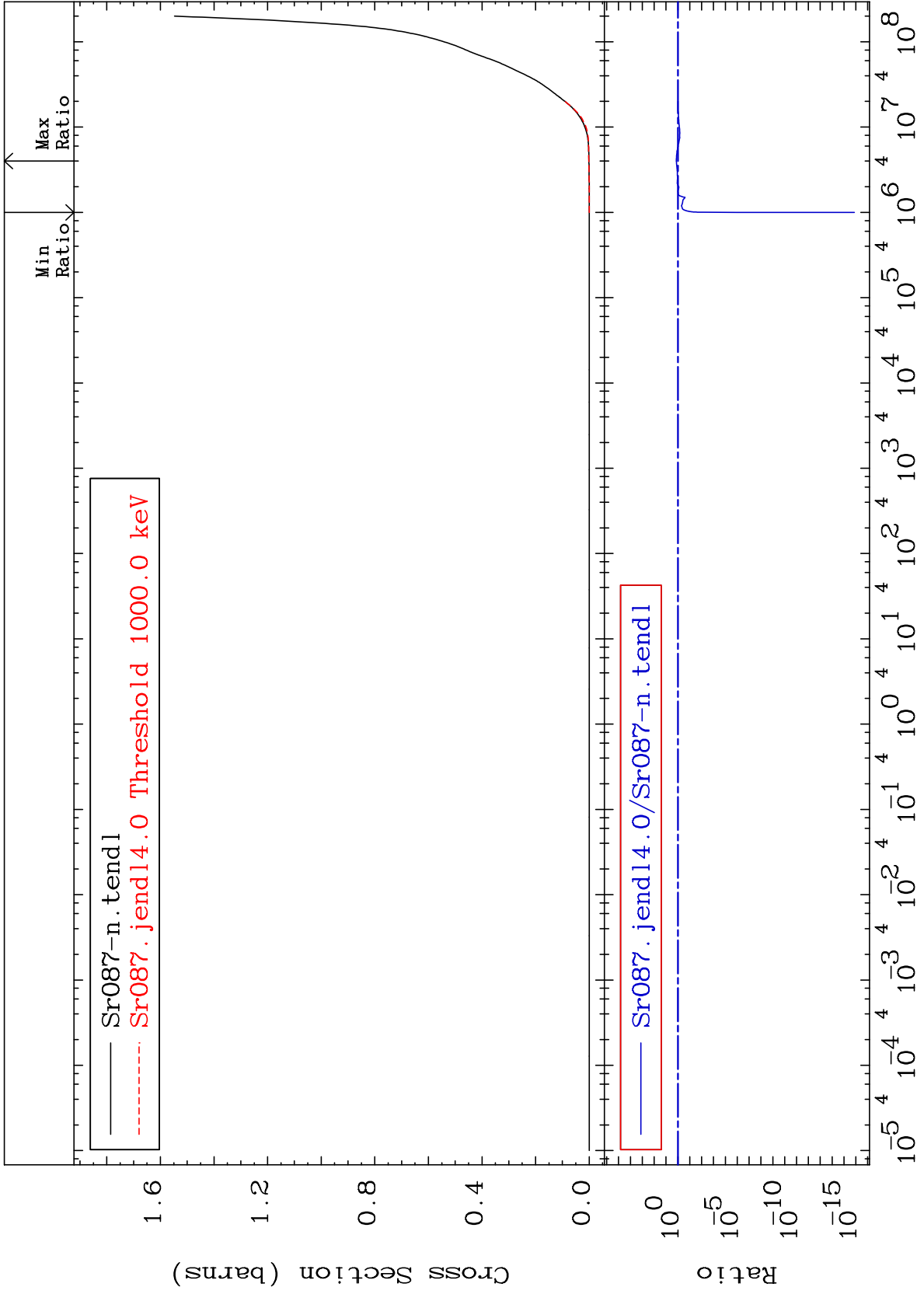
38-Sr-87
-99.19 To 6.559 %



36

Incident Energy (eV)

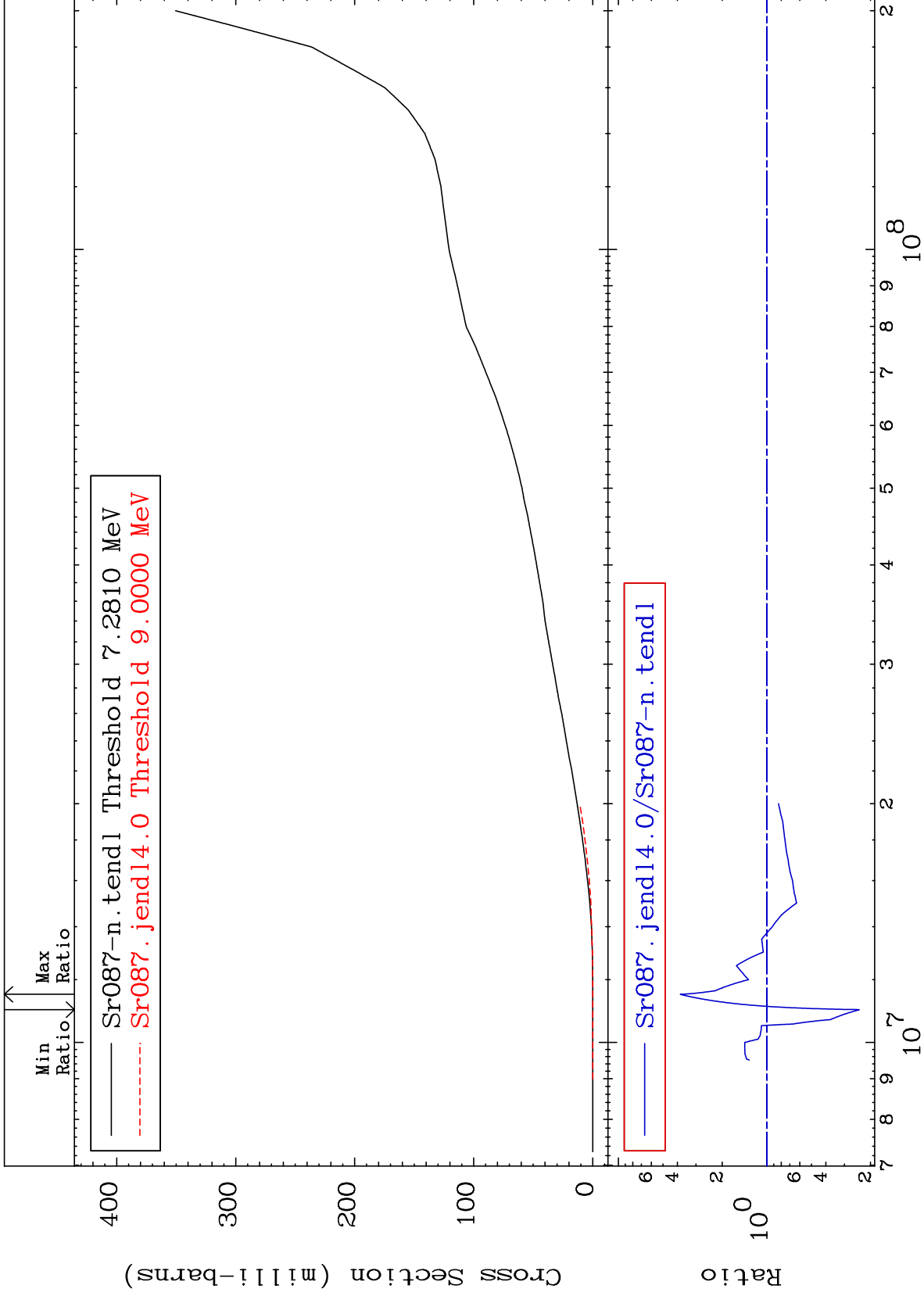
38-Sr-87



MAT 3834

Deuterium Production
Cross Section

38-Sr-87
-76.22 To 282.5 %



38

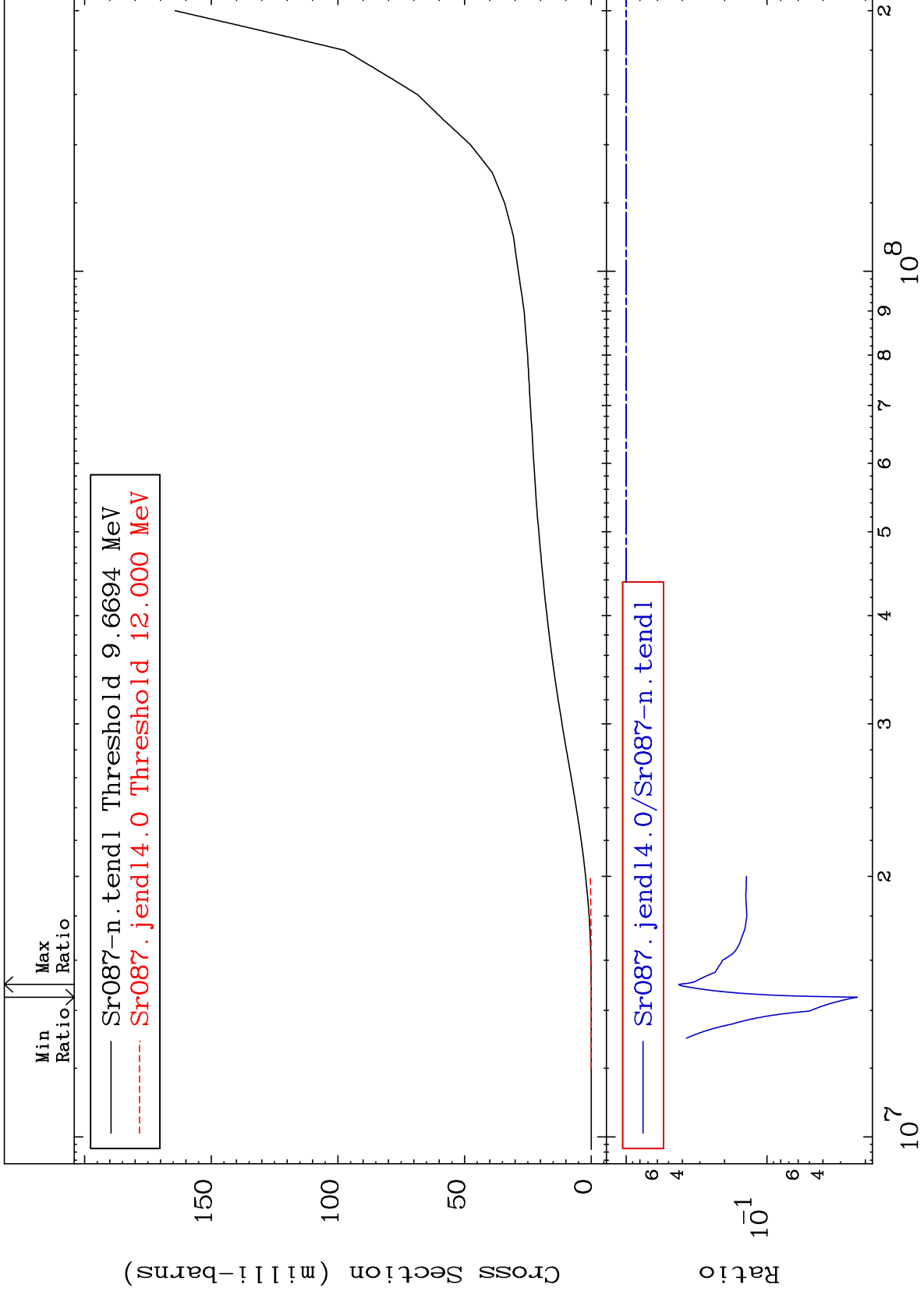
Incident Energy (eV)

38-Sr-87

MAT 3834

Tritium Production
Cross Section

³⁸Sr-87
-97.72 To -57.56%



39

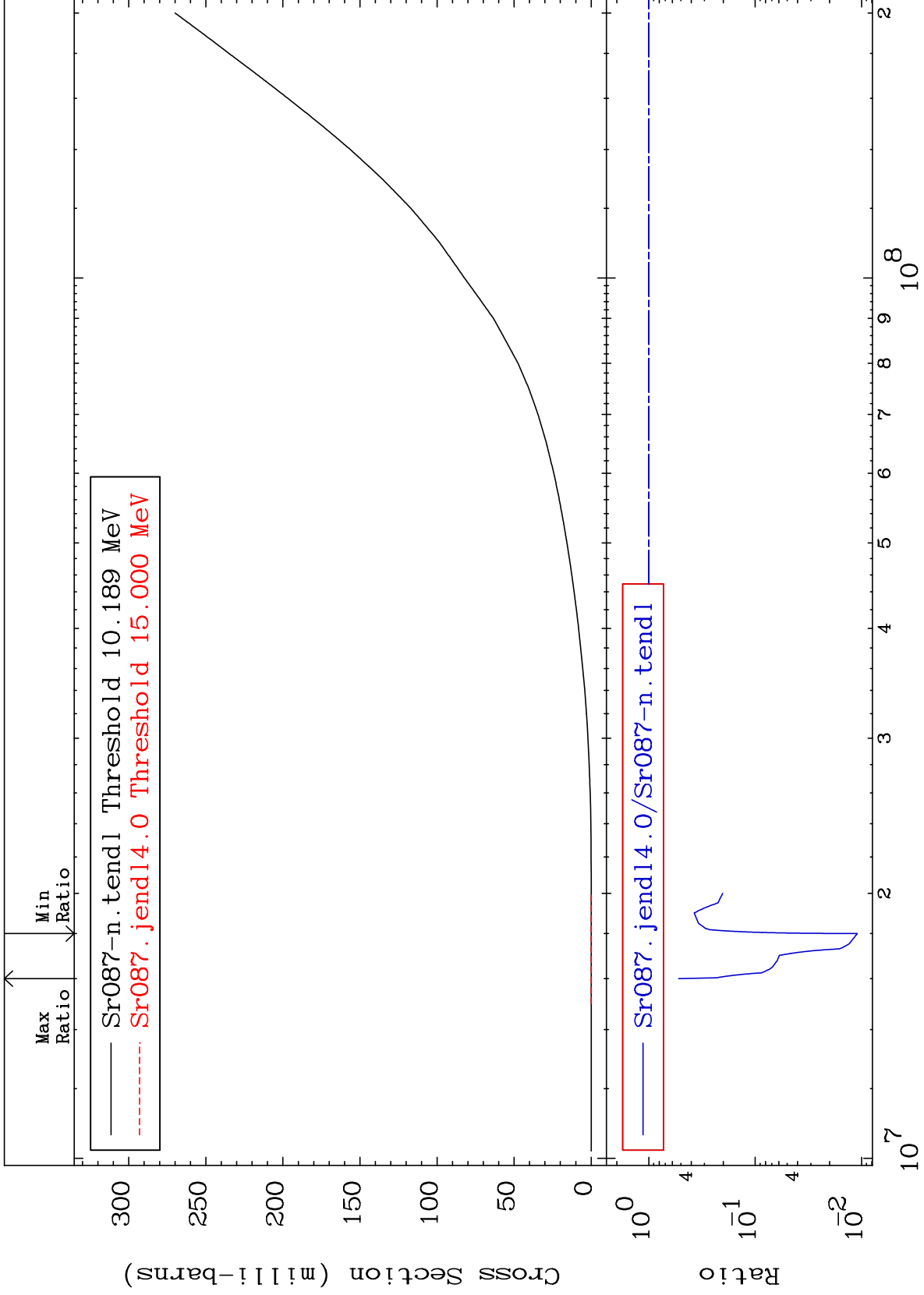
Incident Energy (eV)

³⁸Sr-87

MAT 3834

He-3 Production
Cross Section

38-Sr-87
-98.90 To -47.51%



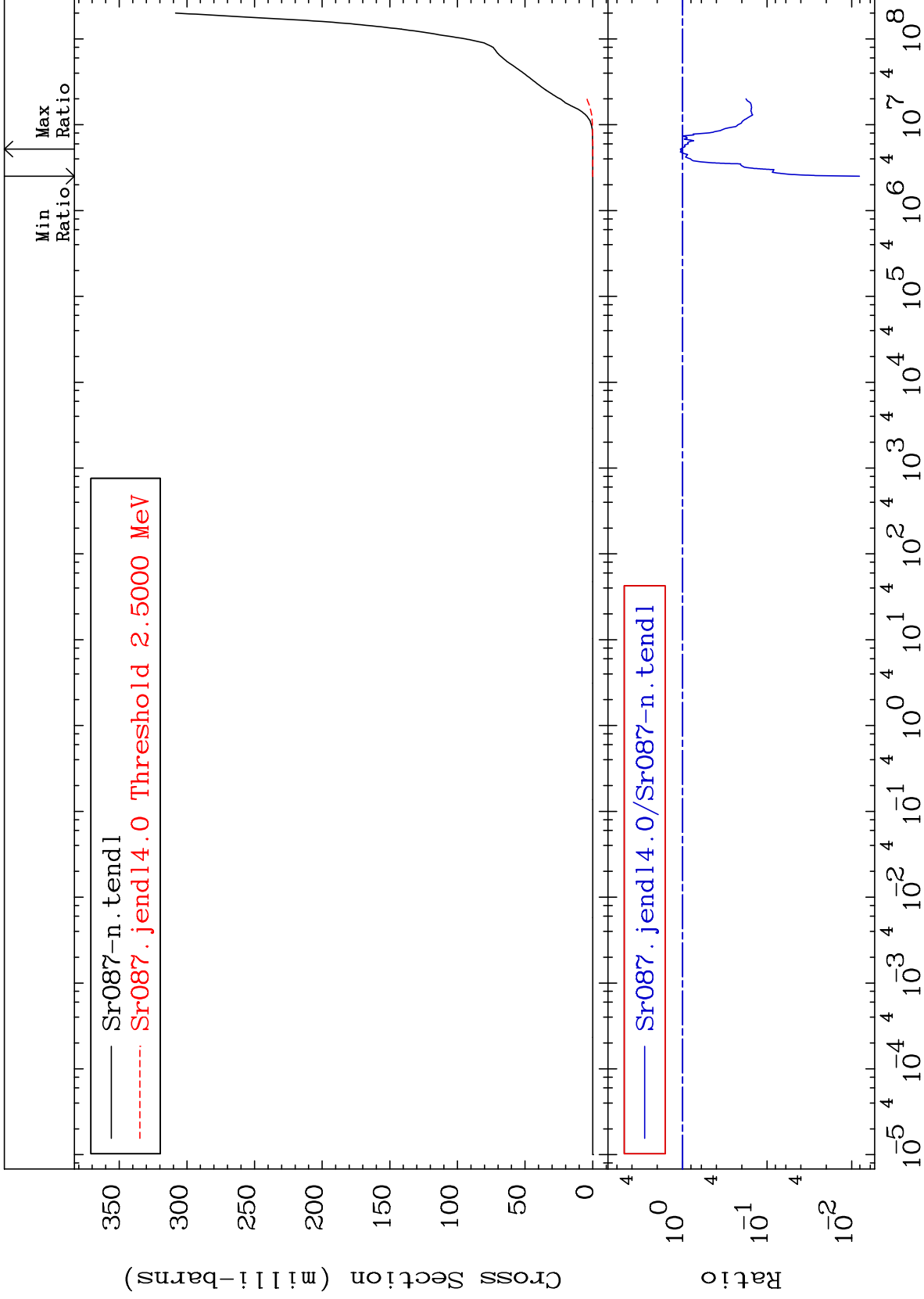
38-Sr-87

40

MAT 3834

He-4 Production
Cross Section

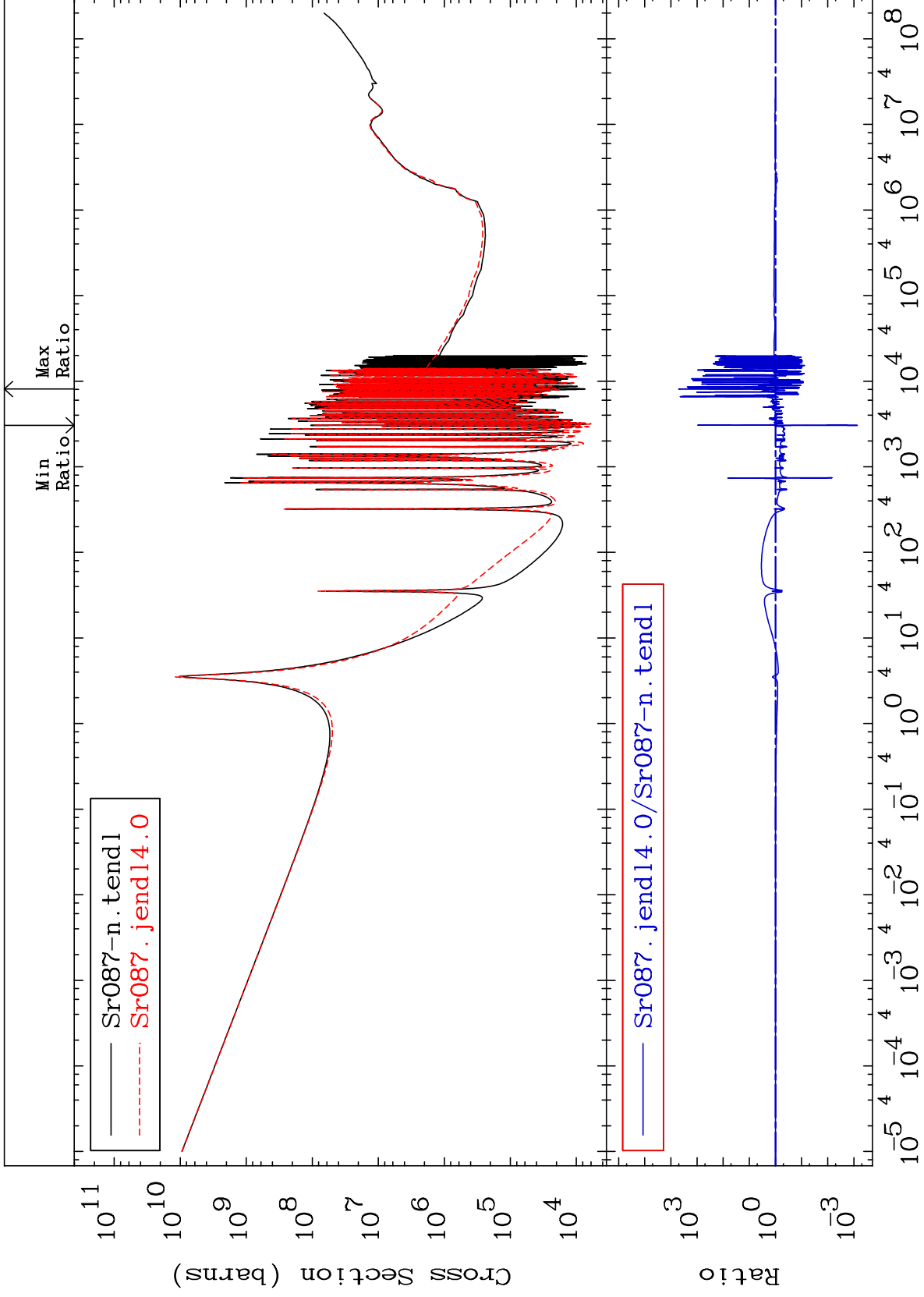
38-Sr-87
-99.19 To 6.559 %



41

Incident Energy (eV)

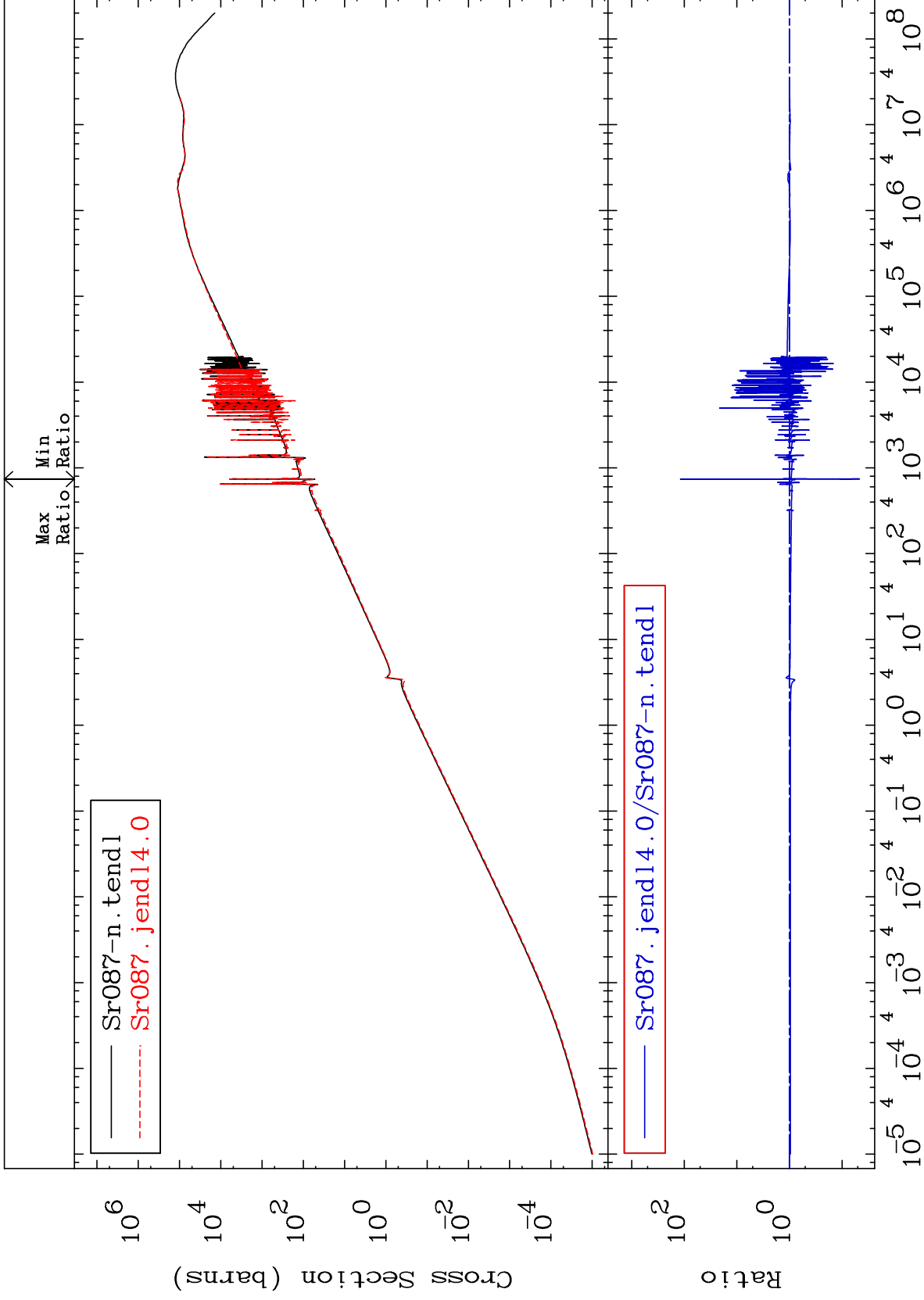
38-Sr-87

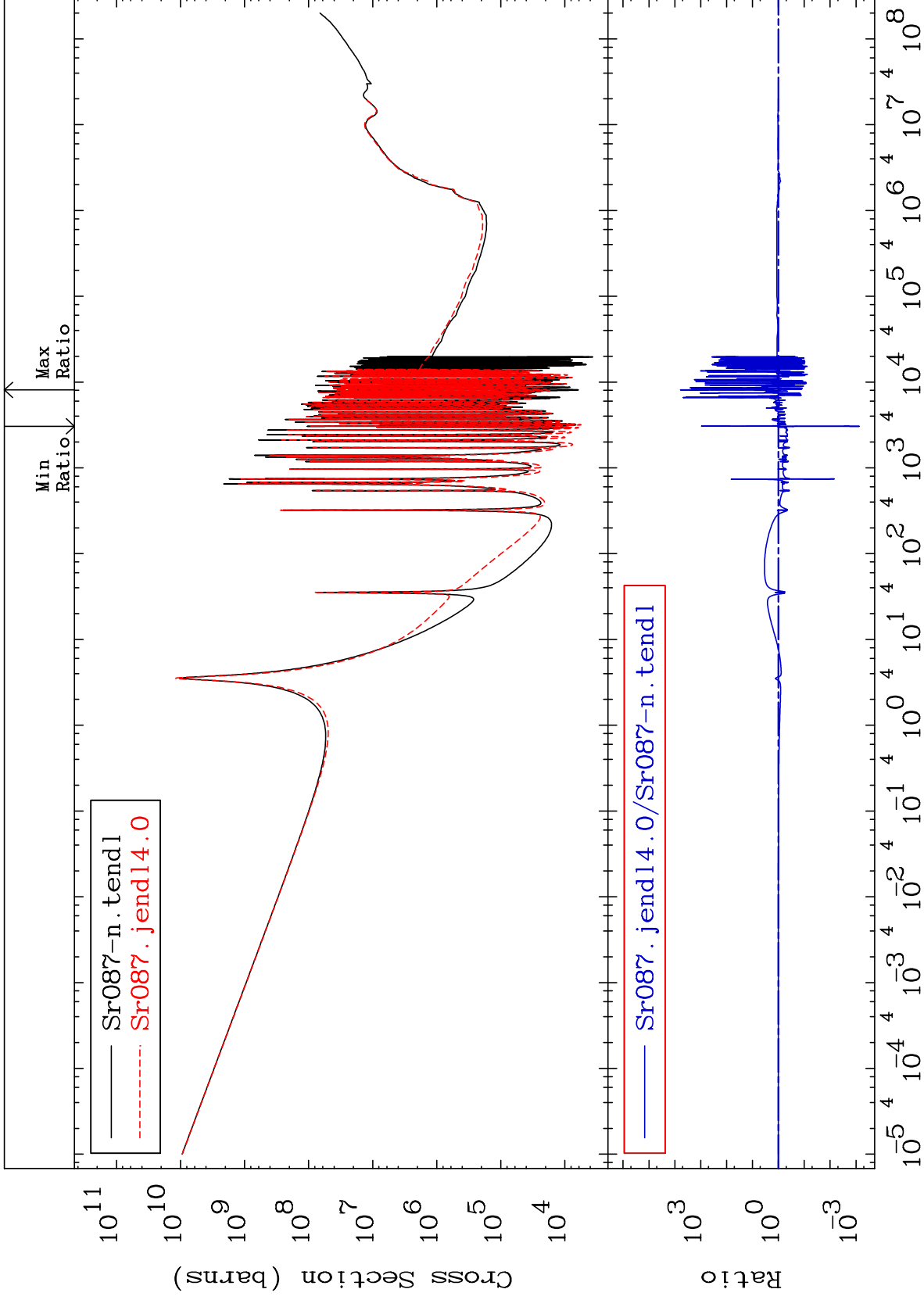


MAT 3834

Kerma elastic
Cross Section

38-Sr-87
-95.34 To 9999. %

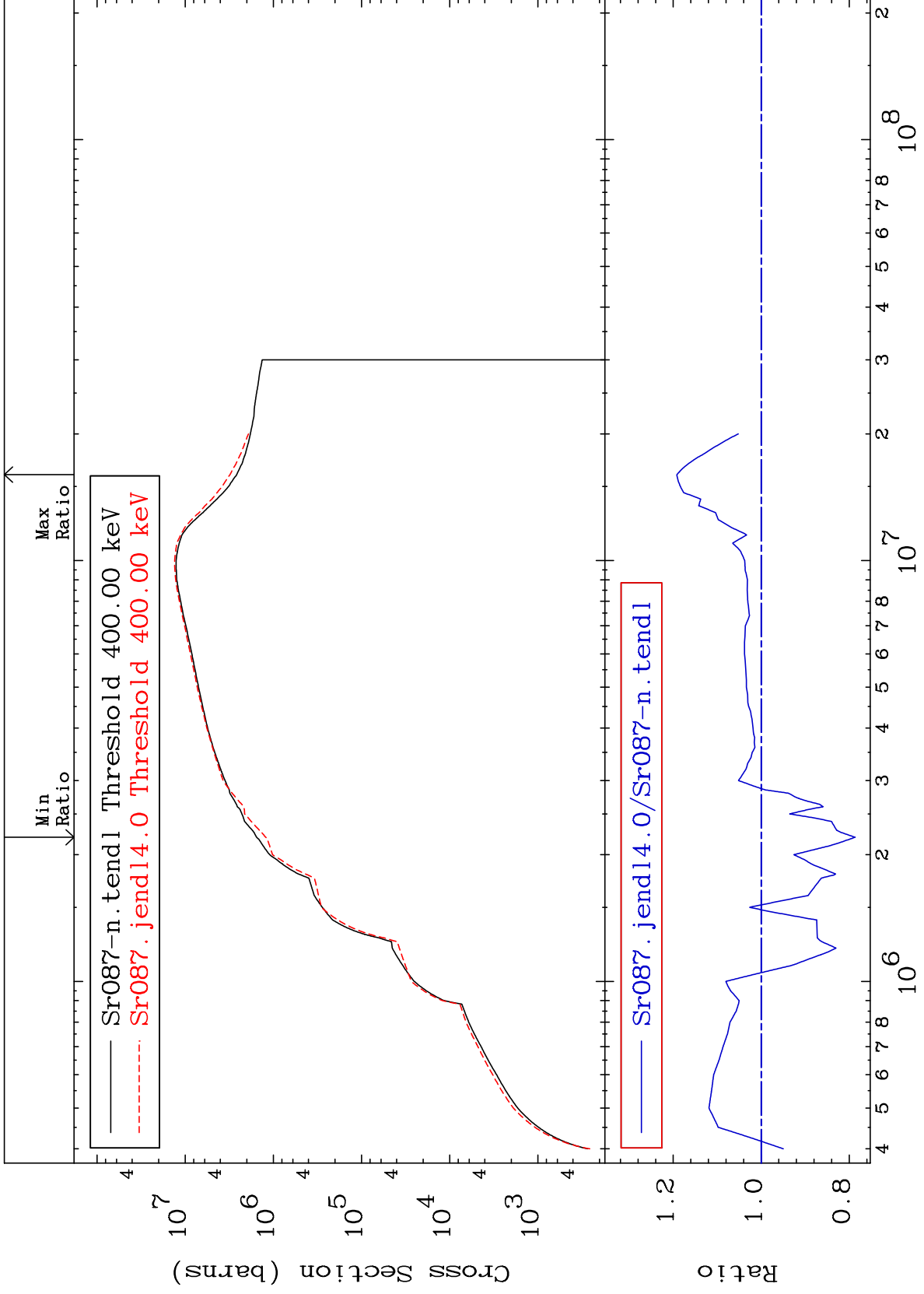




MAT 3834

Kerma inelastic (mt51-91)
Cross Section

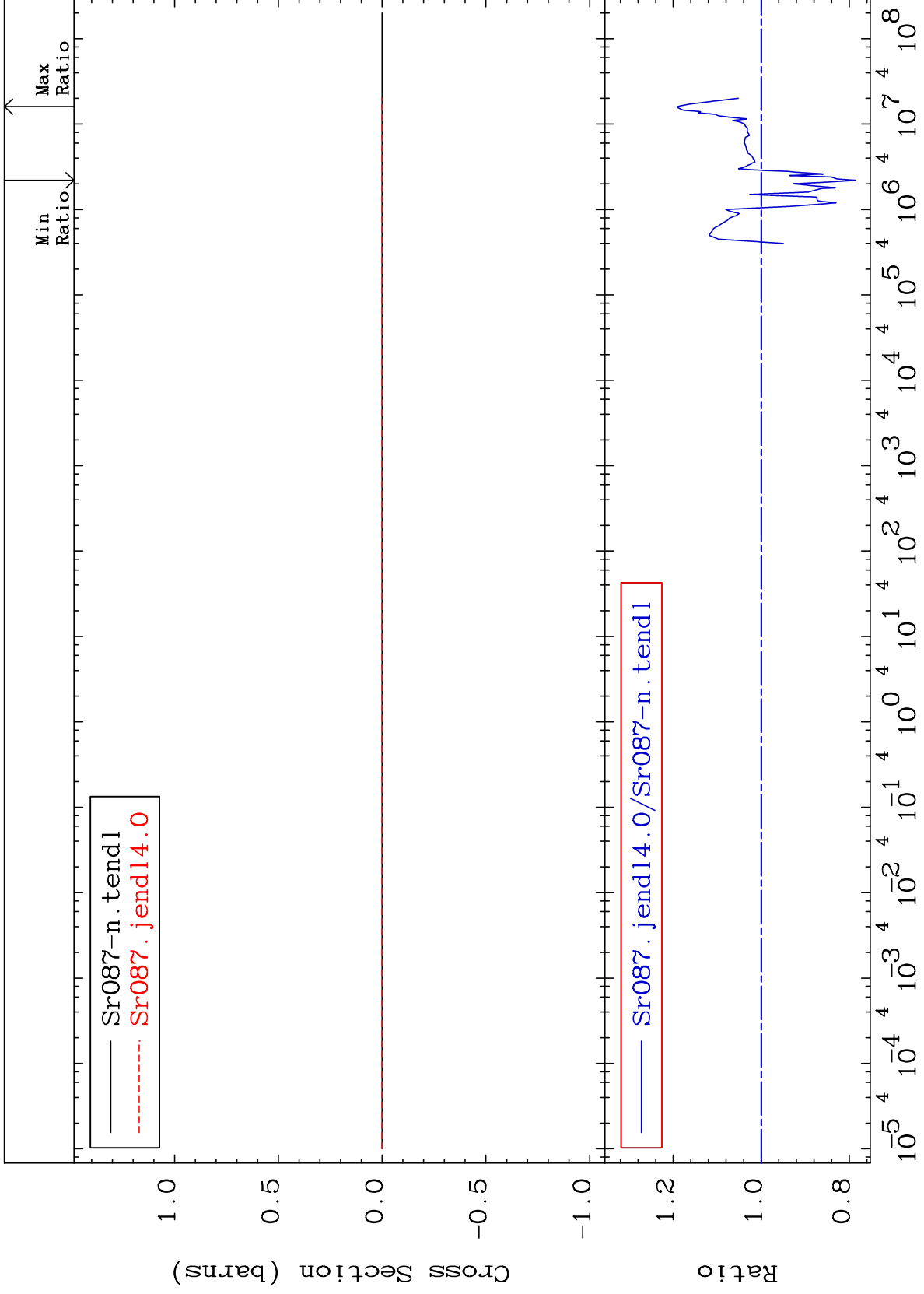
38-Sr-87
-21.33 To 19.16 %



MAT 3834

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

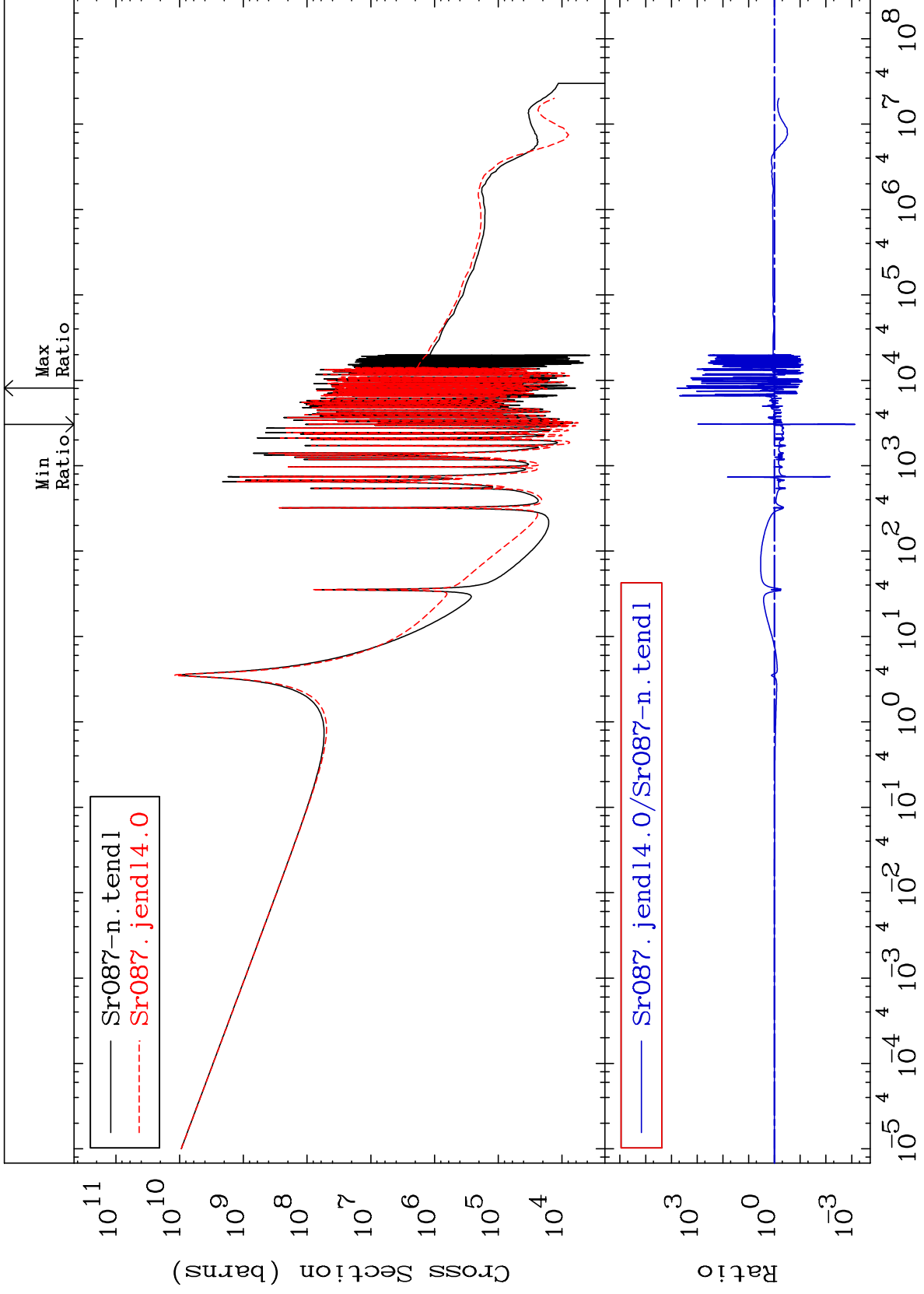
38-Sr-87
-21.33 To 19.16 %

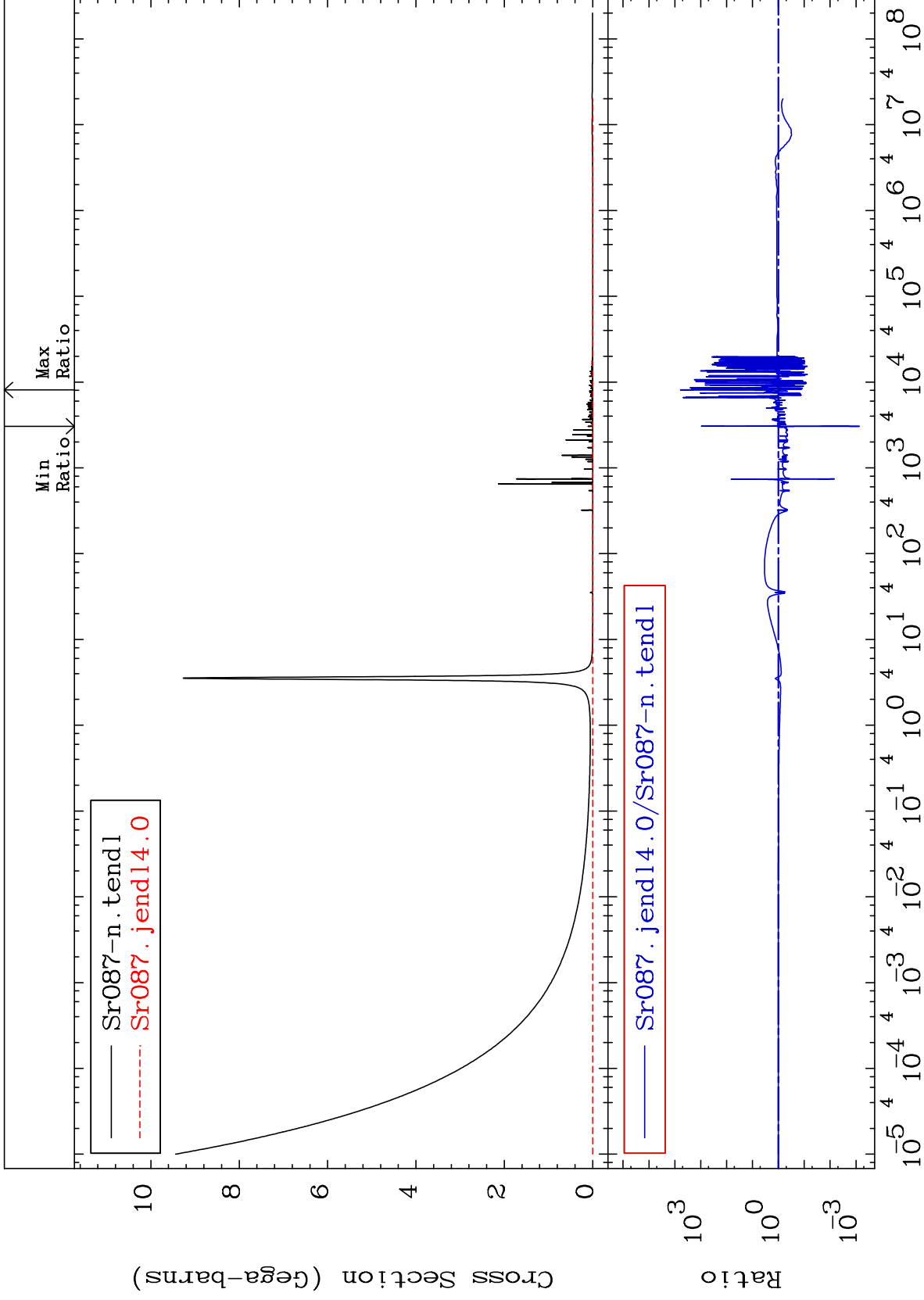


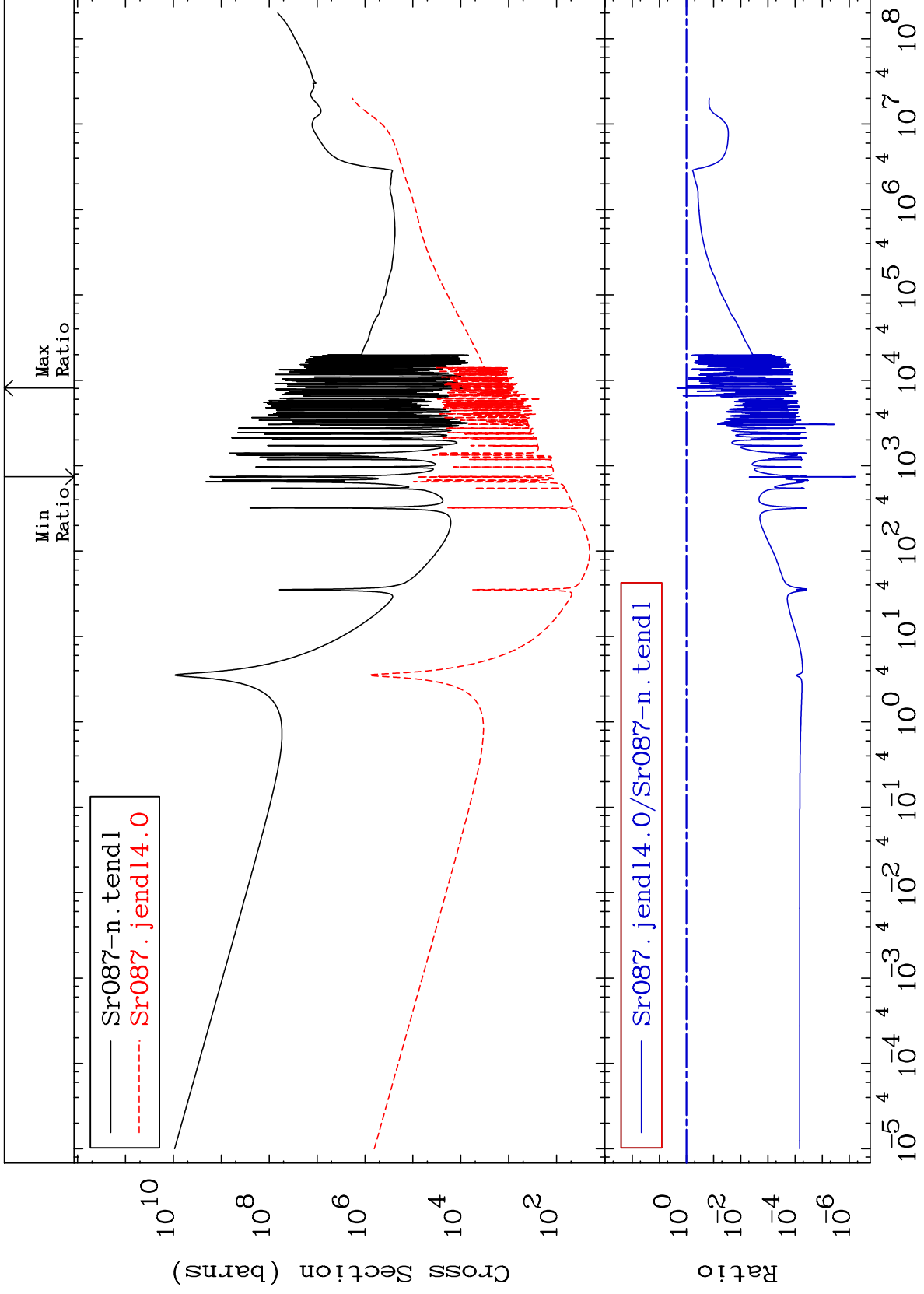
MAT 3834

Kerma capture (mt102)
Cross Section

38-Sr-87
-99.93 To 9999. %



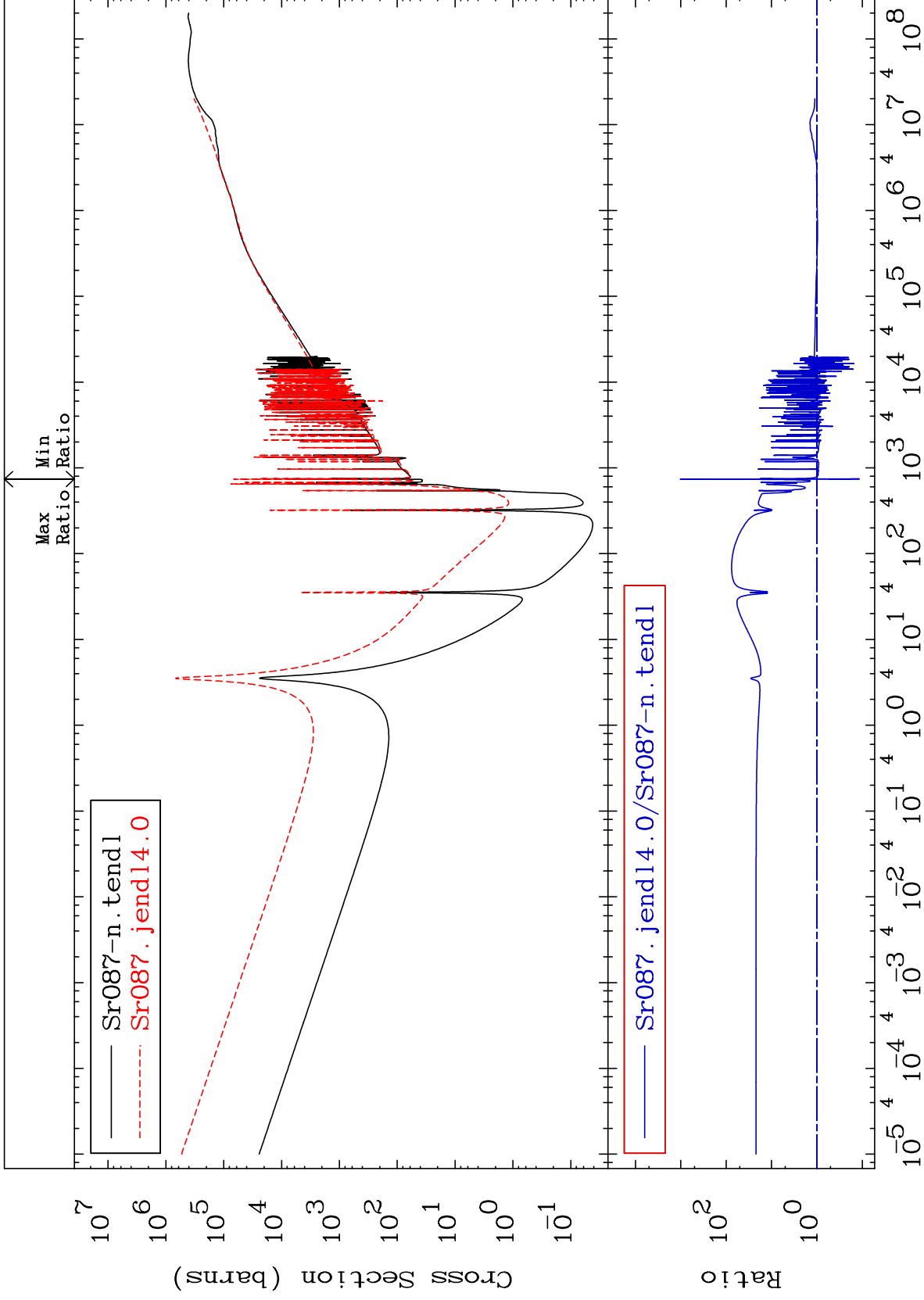




MAT 3834

Dpa total (eV-barns)
Cross Section

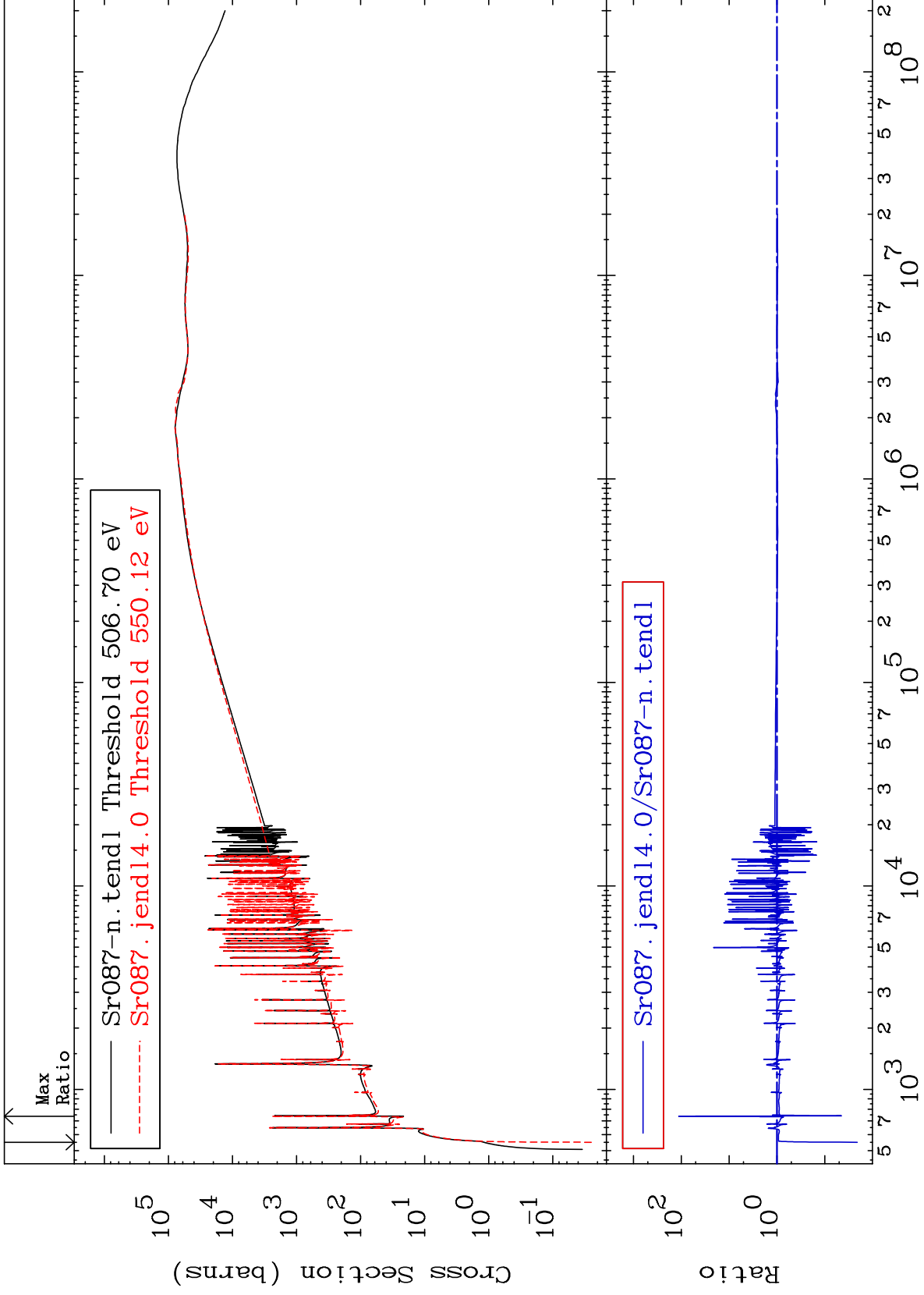
38-Sr-87
-88.46 To 9999. %



50

Incident Energy (eV)

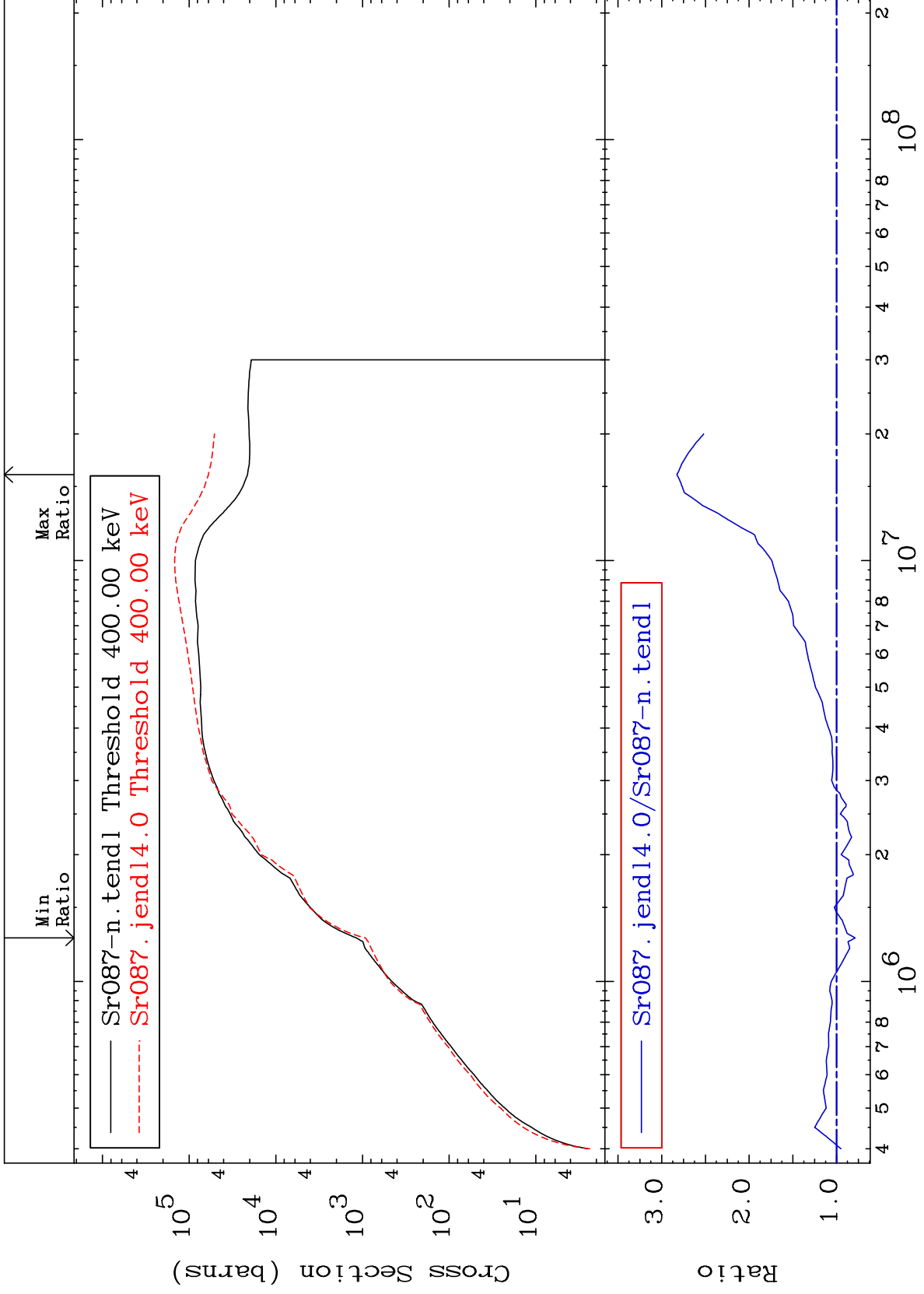
38-Sr-87



MAT 3834

Dpa inelastic (mt51-91)
Cross Section

38-Sr-87
-21.24 To 182.6 %



52

Incident Energy (eV)

38-Sr-87

