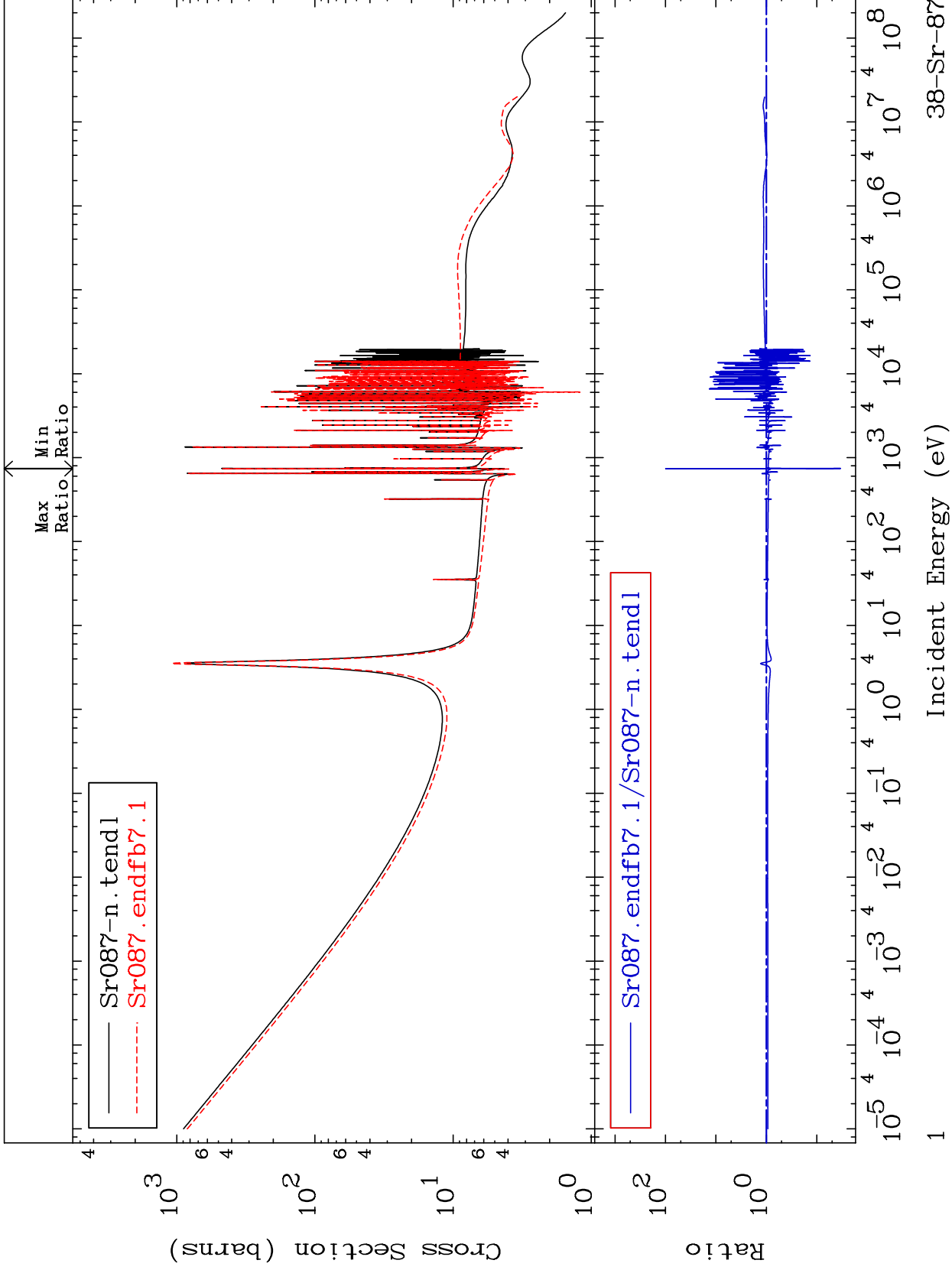


MAT 3834

Total
Cross Section

38-Sr-87
-96.63 To 9884. %



38-Sr-87

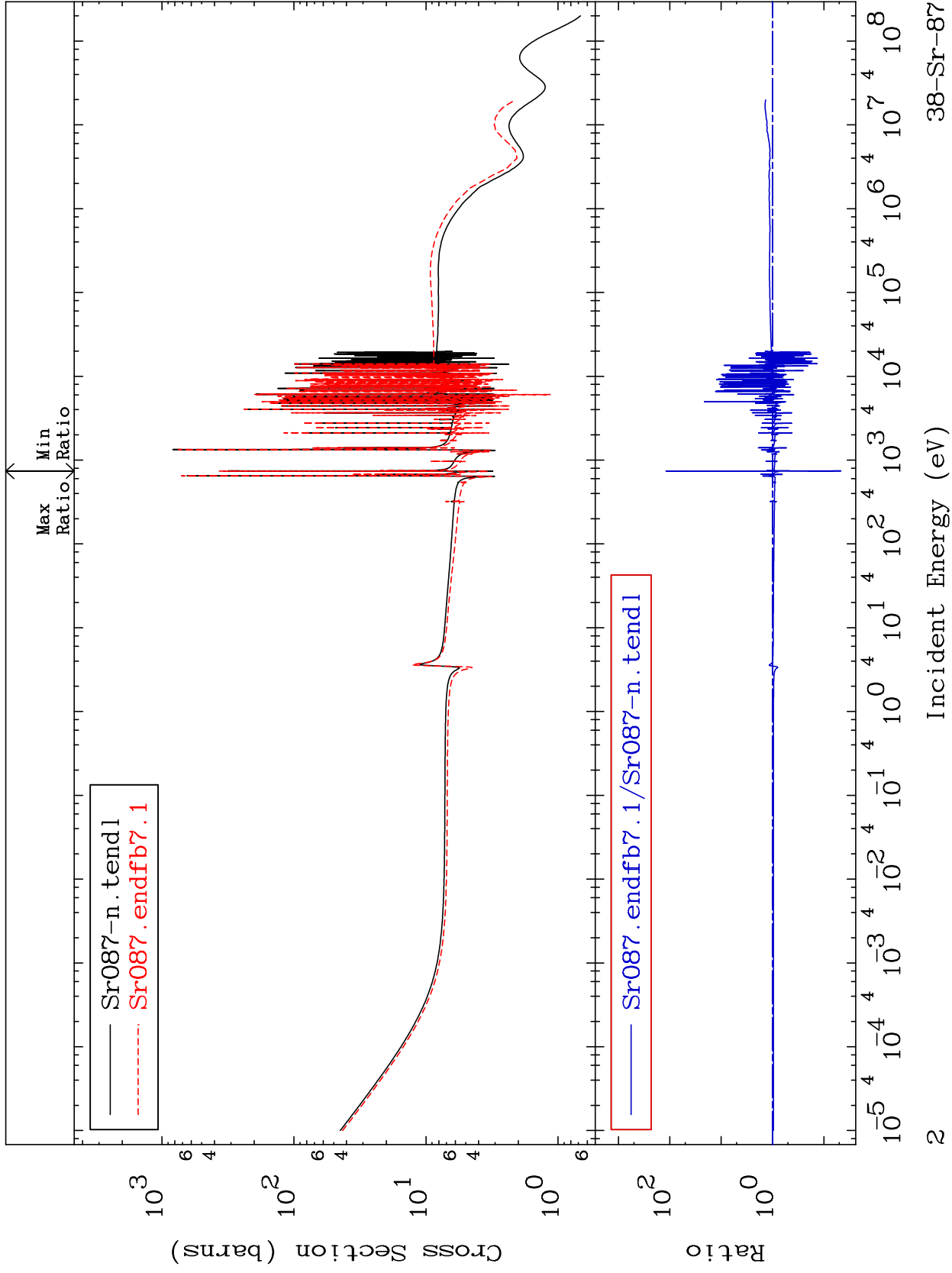
MAT 3834

Elastic

38-Sr-87

Cross Section

-95.33 To 9999. %

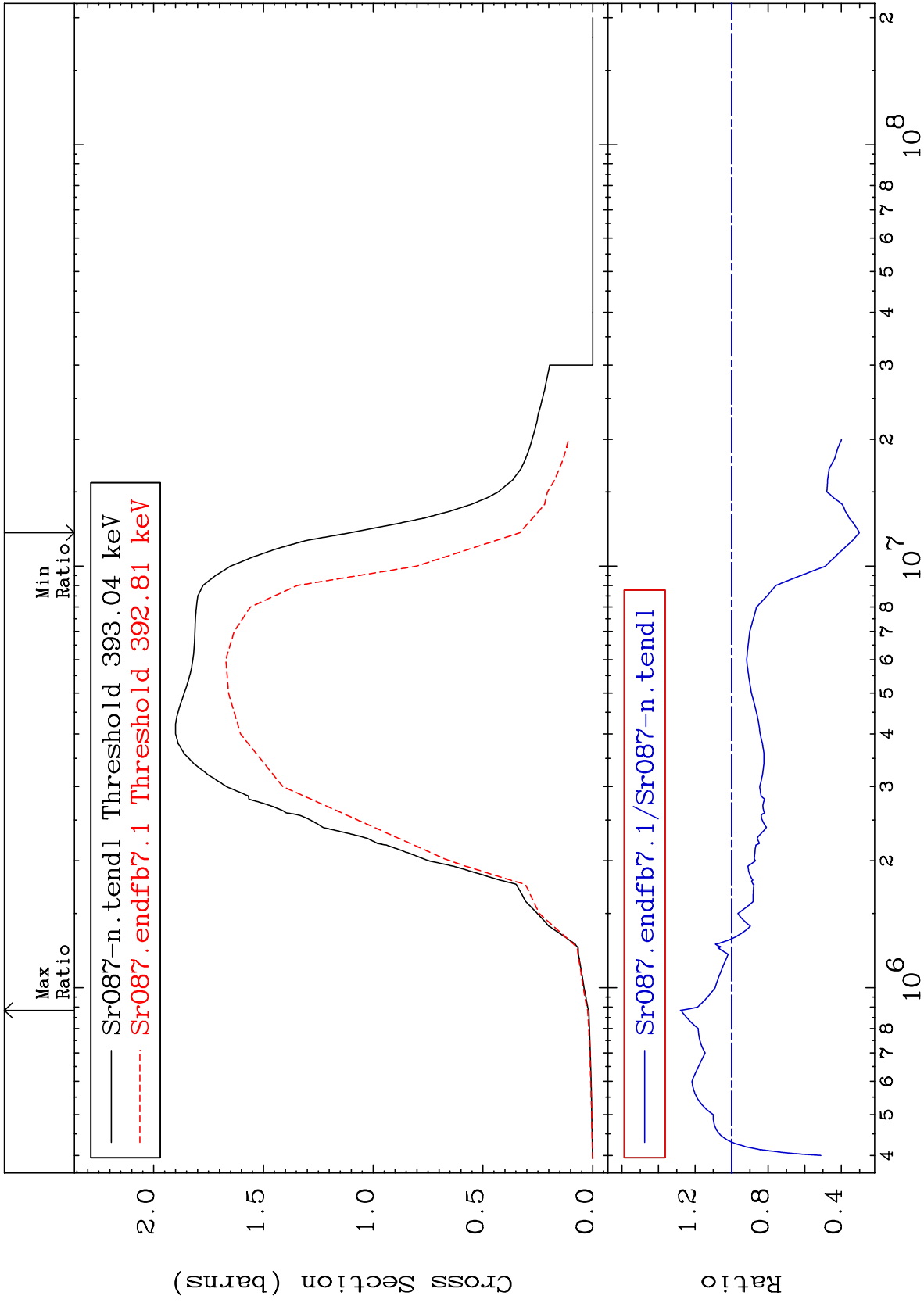


38-Sr-87

MAT 3834

Inelastic
Cross Section

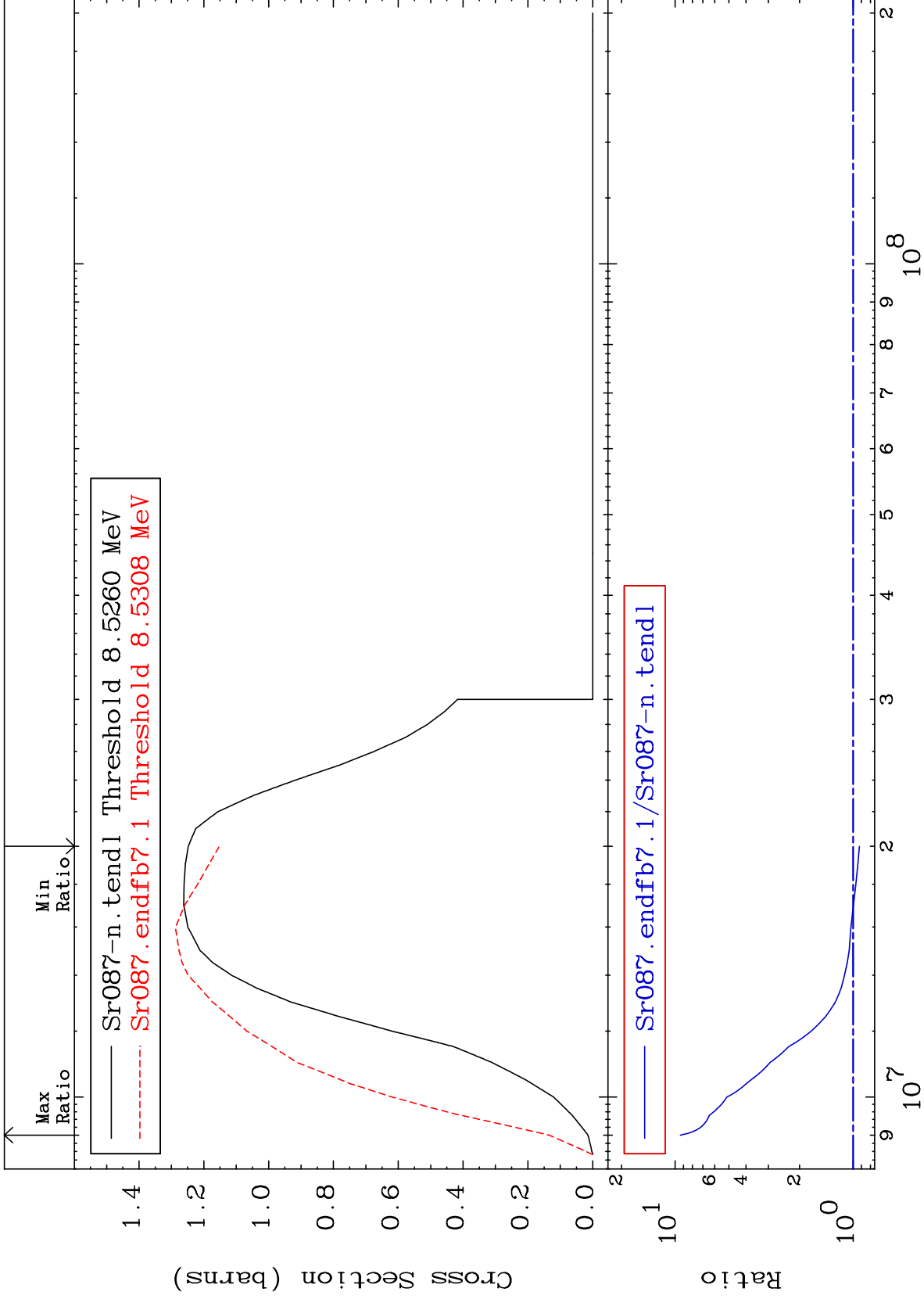
38-Sr-87
-69.91 To 28.04 %



MAT 3834

(n,2n)
Cross Section

38-Sr-87
-7.696 To 835.4 %



4

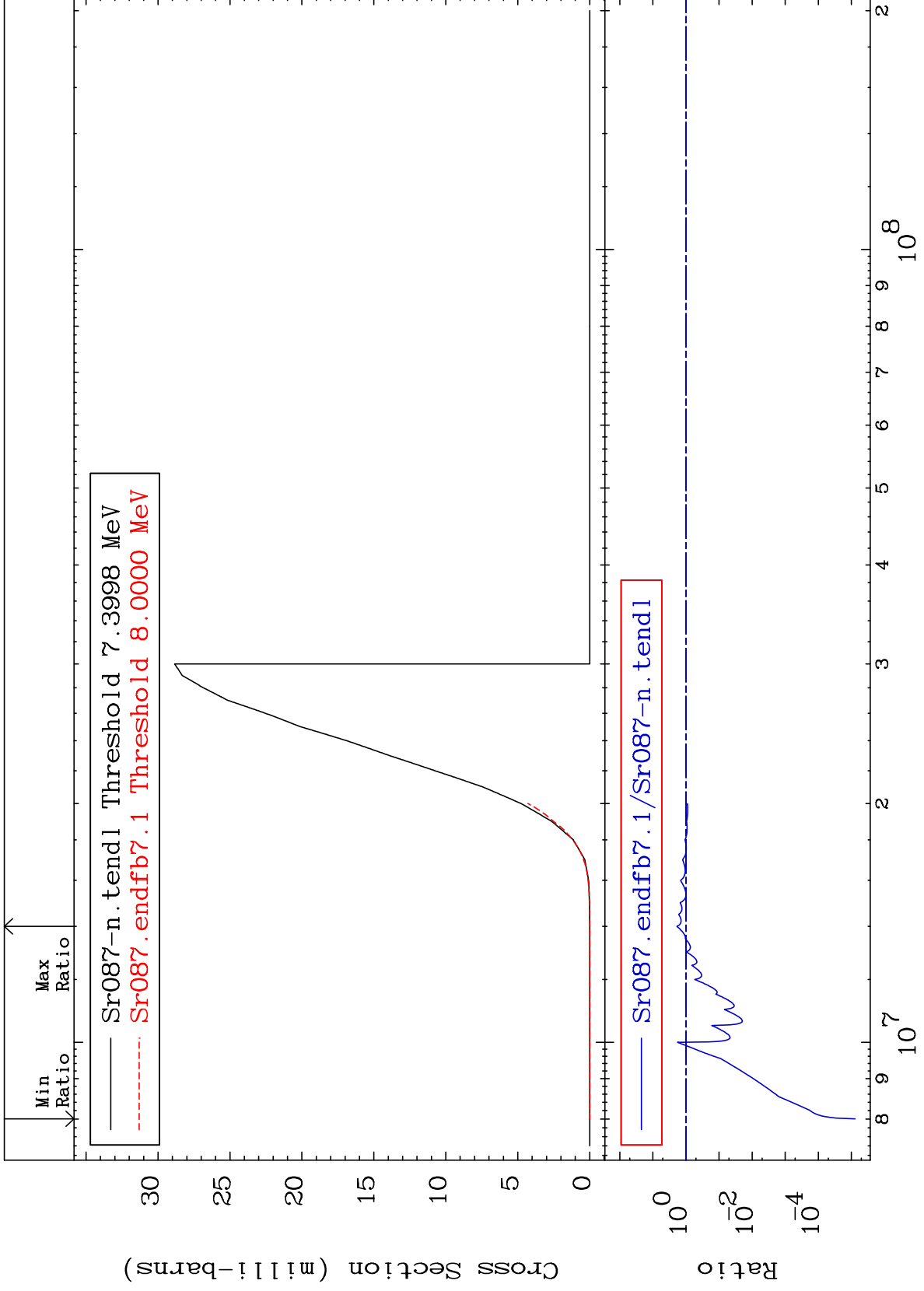
Incident Energy (eV)

38-Sr-87

MAT 3834

(n, n') α
Cross Section

³⁸Sr-87
-100.0 To 87.11 %



5

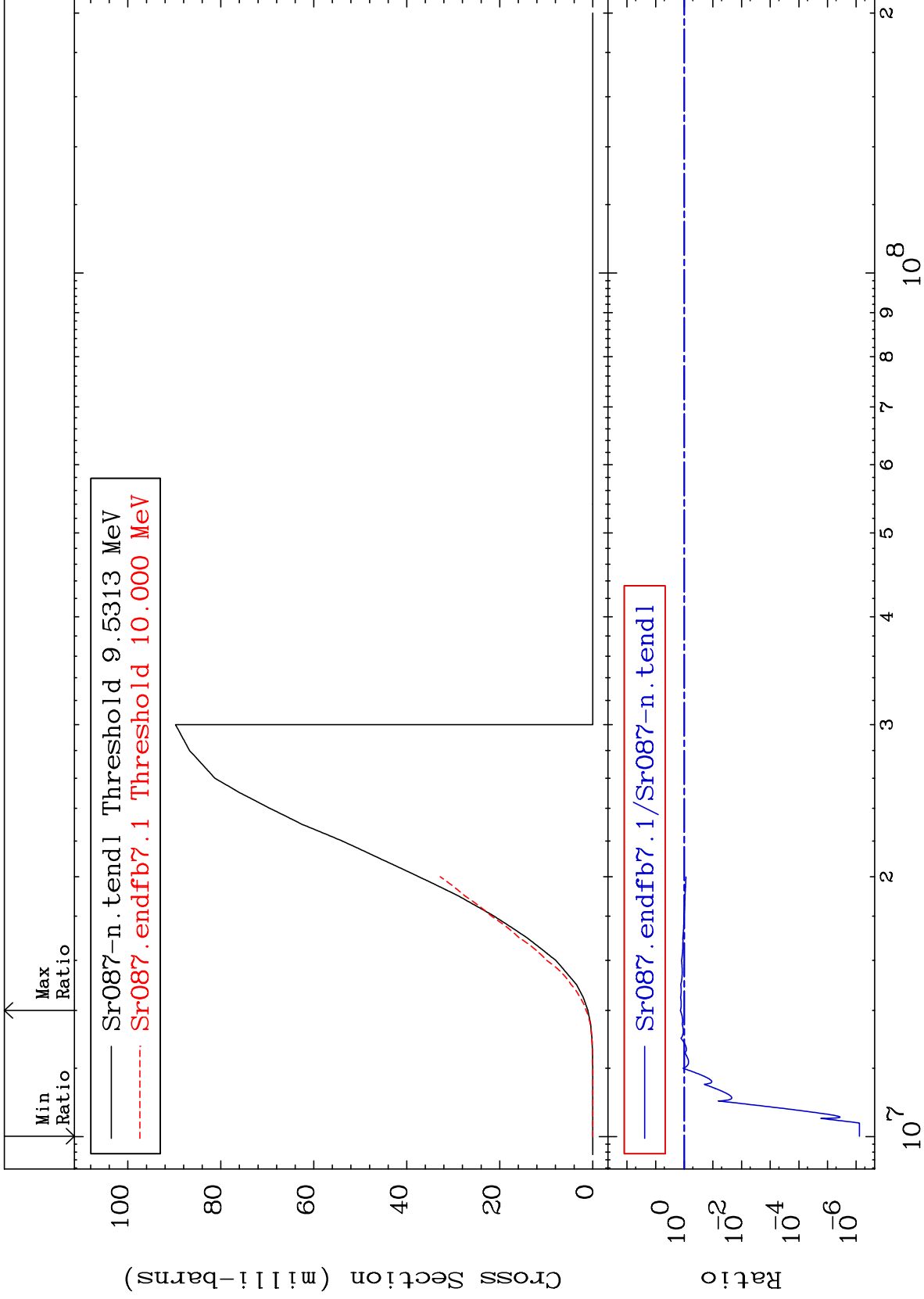
Incident Energy (eV)

³⁸Sr-87

MAT 3834

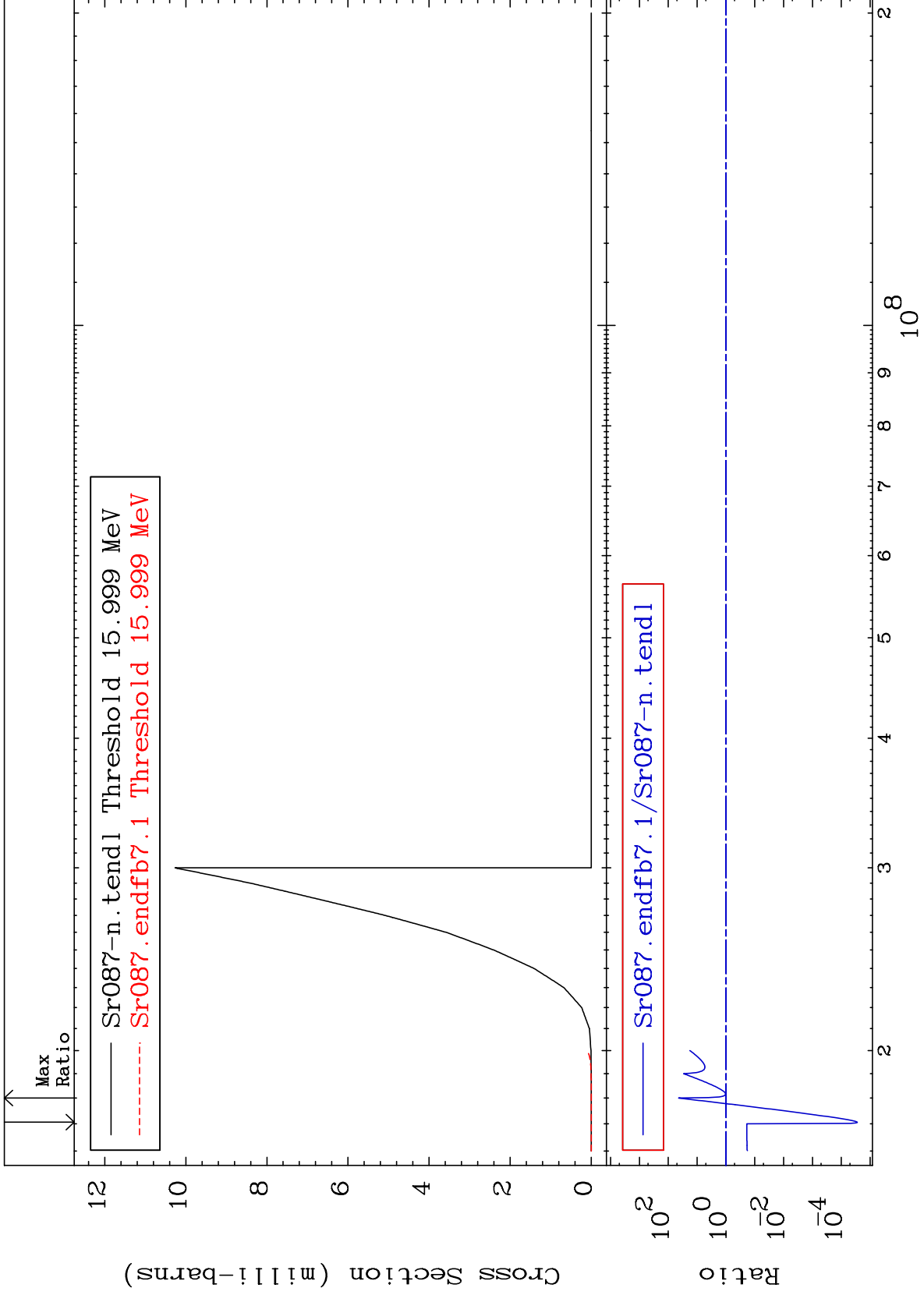
(n,n') p
Cross Section

³⁸Sr-87
-100.0 To 37.14 %



³⁸Sr-87

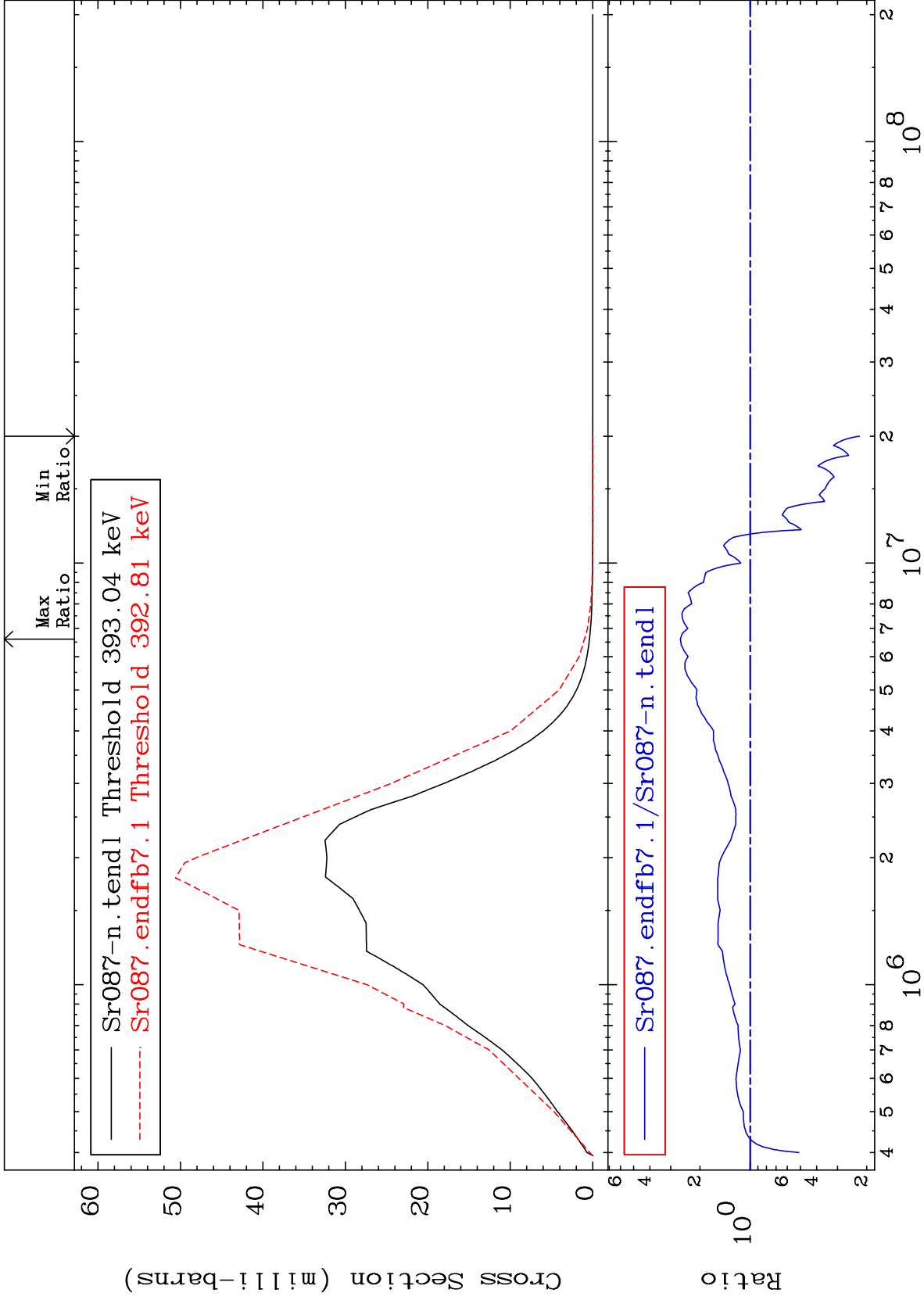
38-Sr-87



MAT 3834

388.5 keV (n,n') Level
Cross Section

38-Sr-87
-77.86 To 162.3 %



8

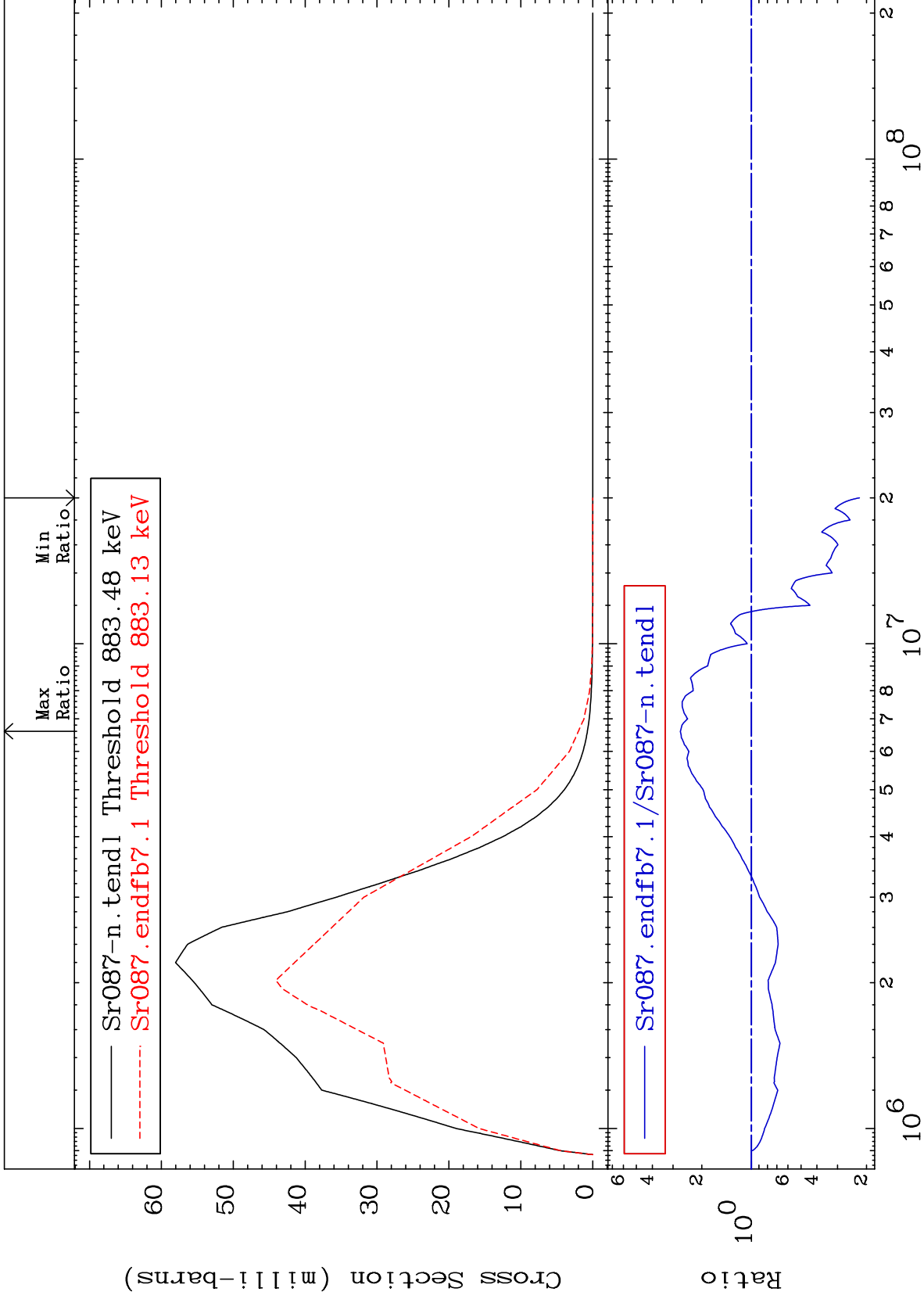
38-Sr-87

38-Sr-87

MAT 3834

873.3 keV (n,n') Level
Cross Section

38-Sr-87
-77.94 To 170.3 %



9

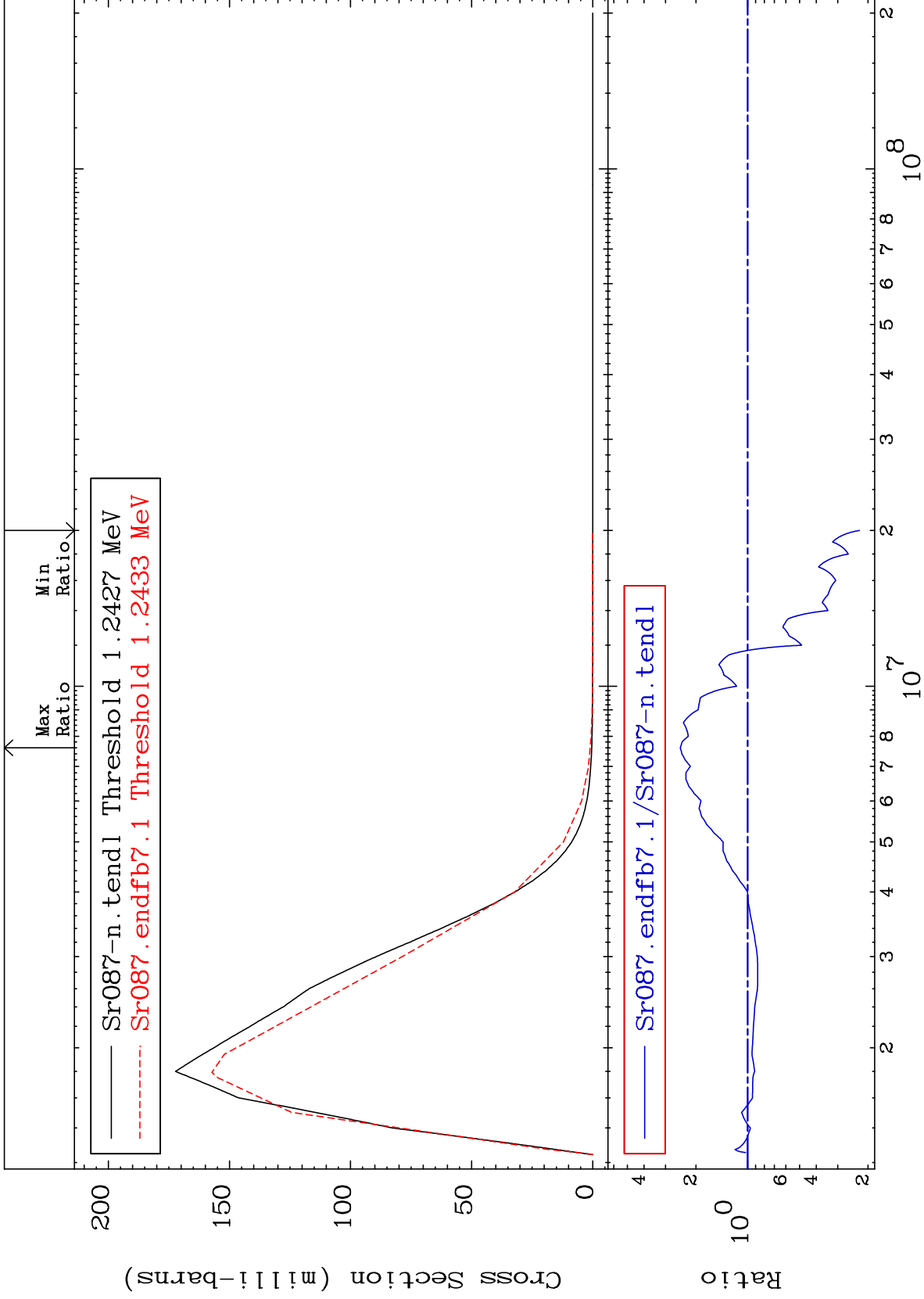
Incident Energy (eV)

38-Sr-87

MAT 3834

1.228 MeV (n,n') Level
Cross Section

38-Sr-87
-77.55 To 146.2 %



10

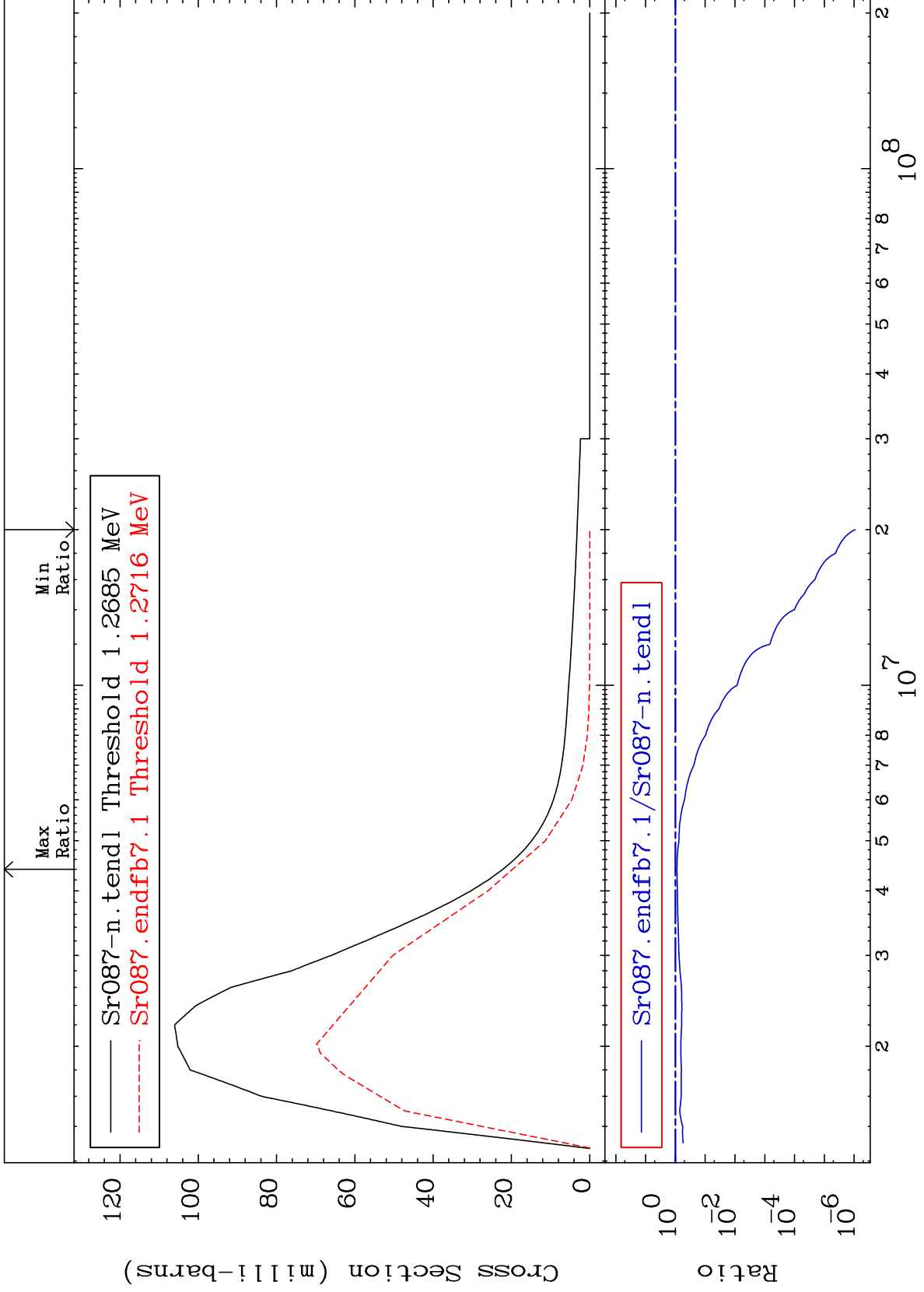
Incident Energy (eV)

38-Sr-87

MAT 3834

1.254 MeV (n,n') Level
Cross Section

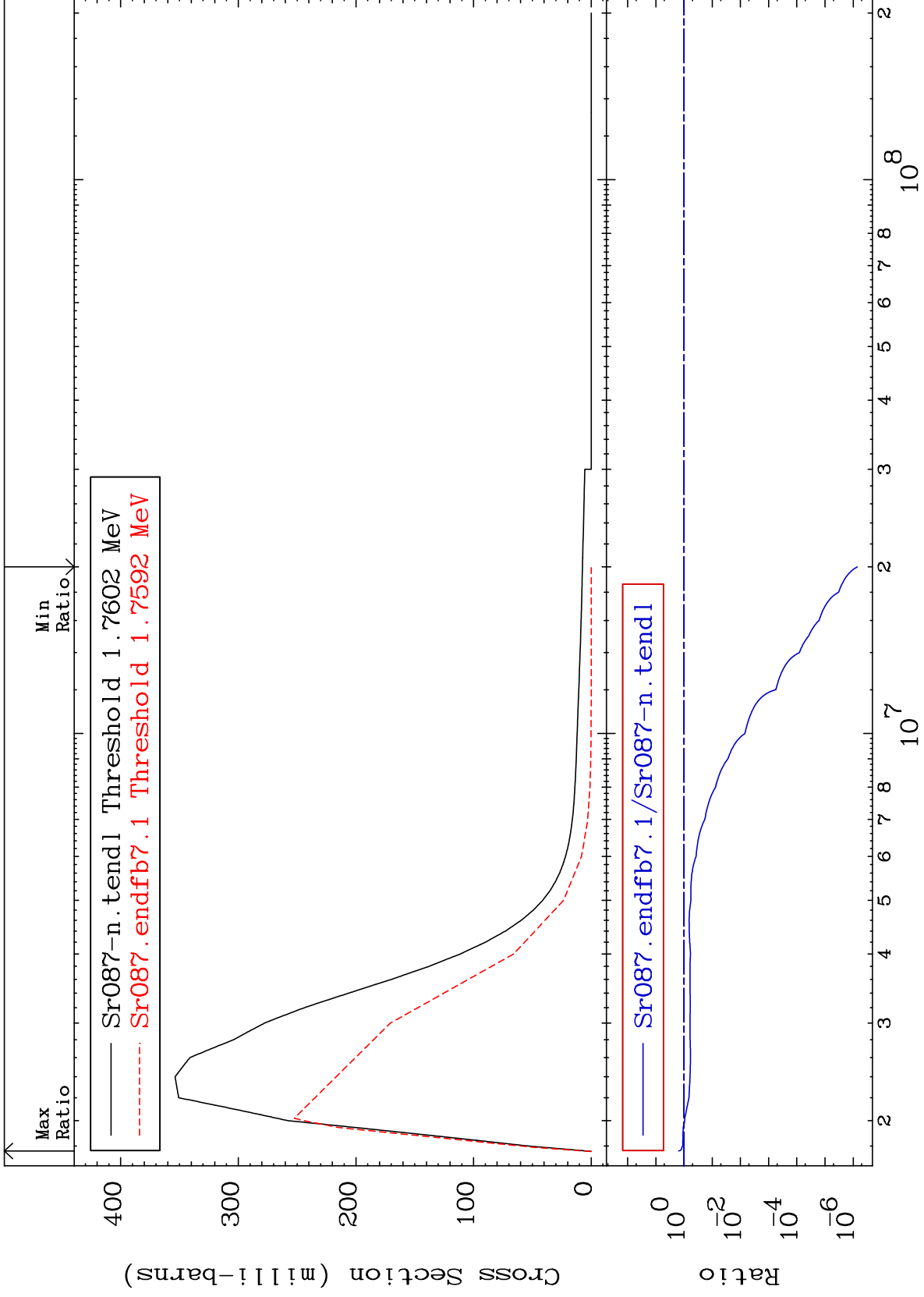
38-Sr-87
-100.0 To -11.11%



MAT 3834

1.740 MeV (n,n') Level
Cross Section

38-Sr-87
-100.0 To 55.38 %



12

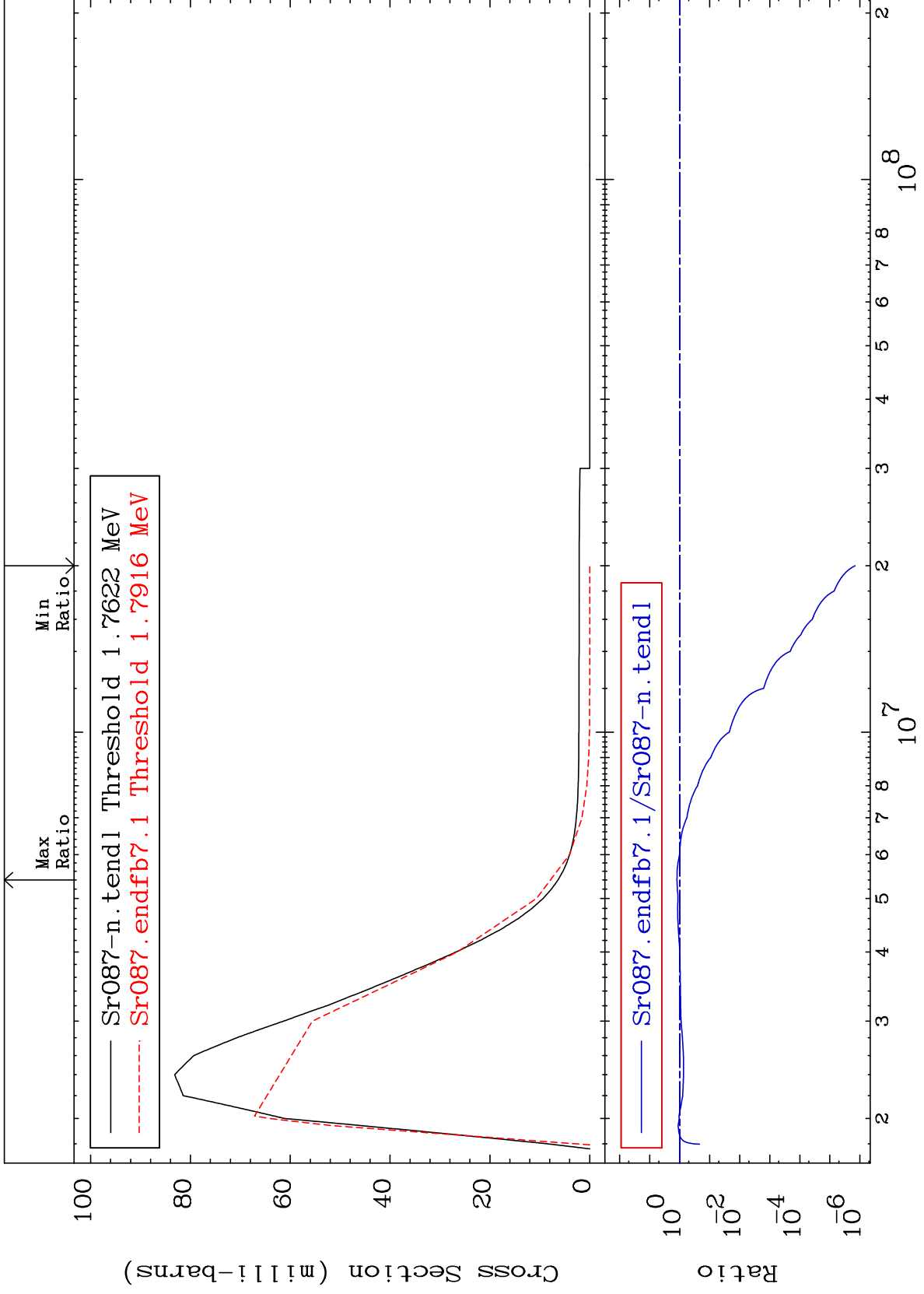
Incident Energy (eV)

38-Sr-87

MAT 3834

1.742 MeV (n,n') Level
Cross Section

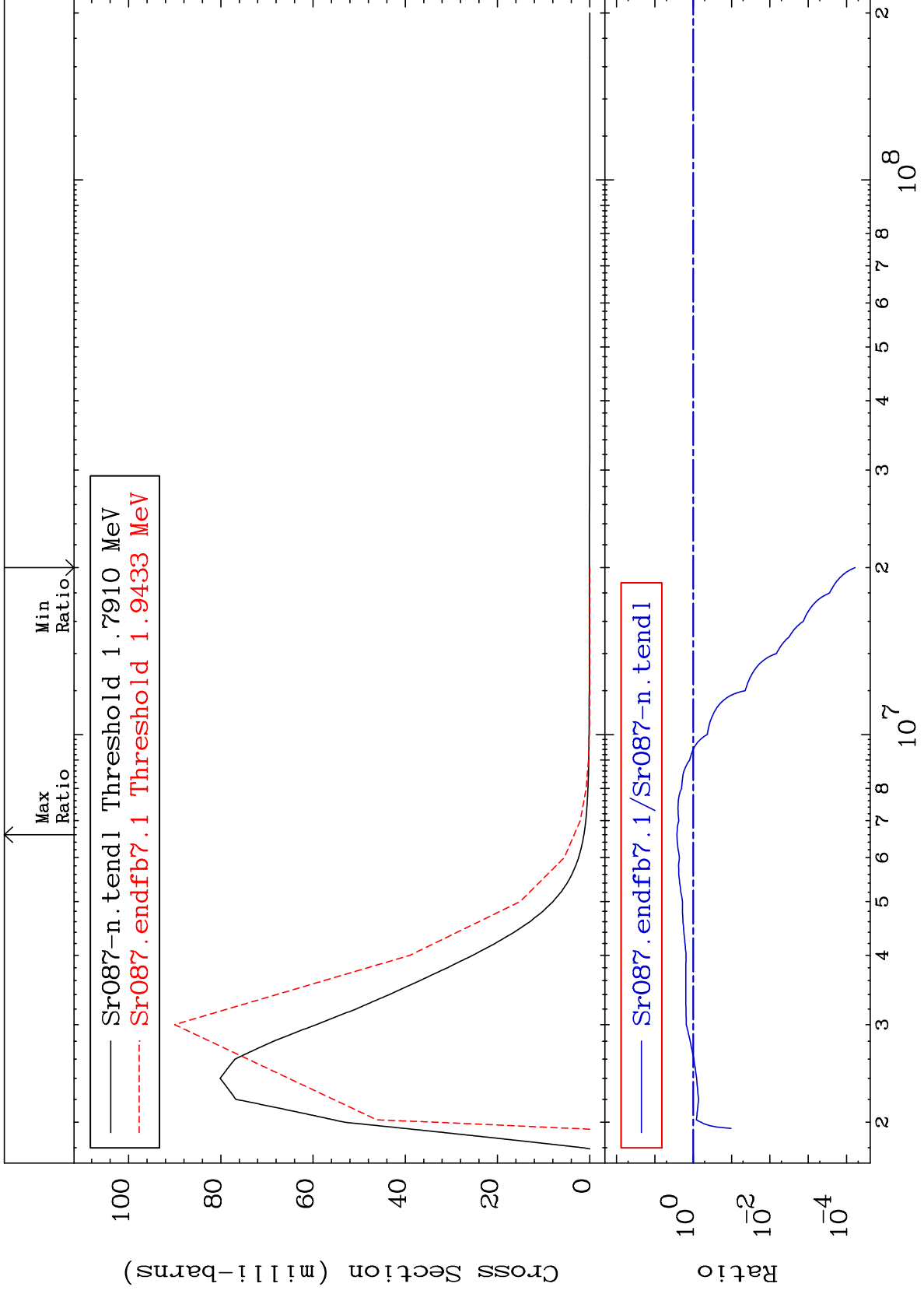
38-Sr-87
-100.0 To 23.90 %



MAT 3834

1.770 MeV (n,n') Level
Cross Section

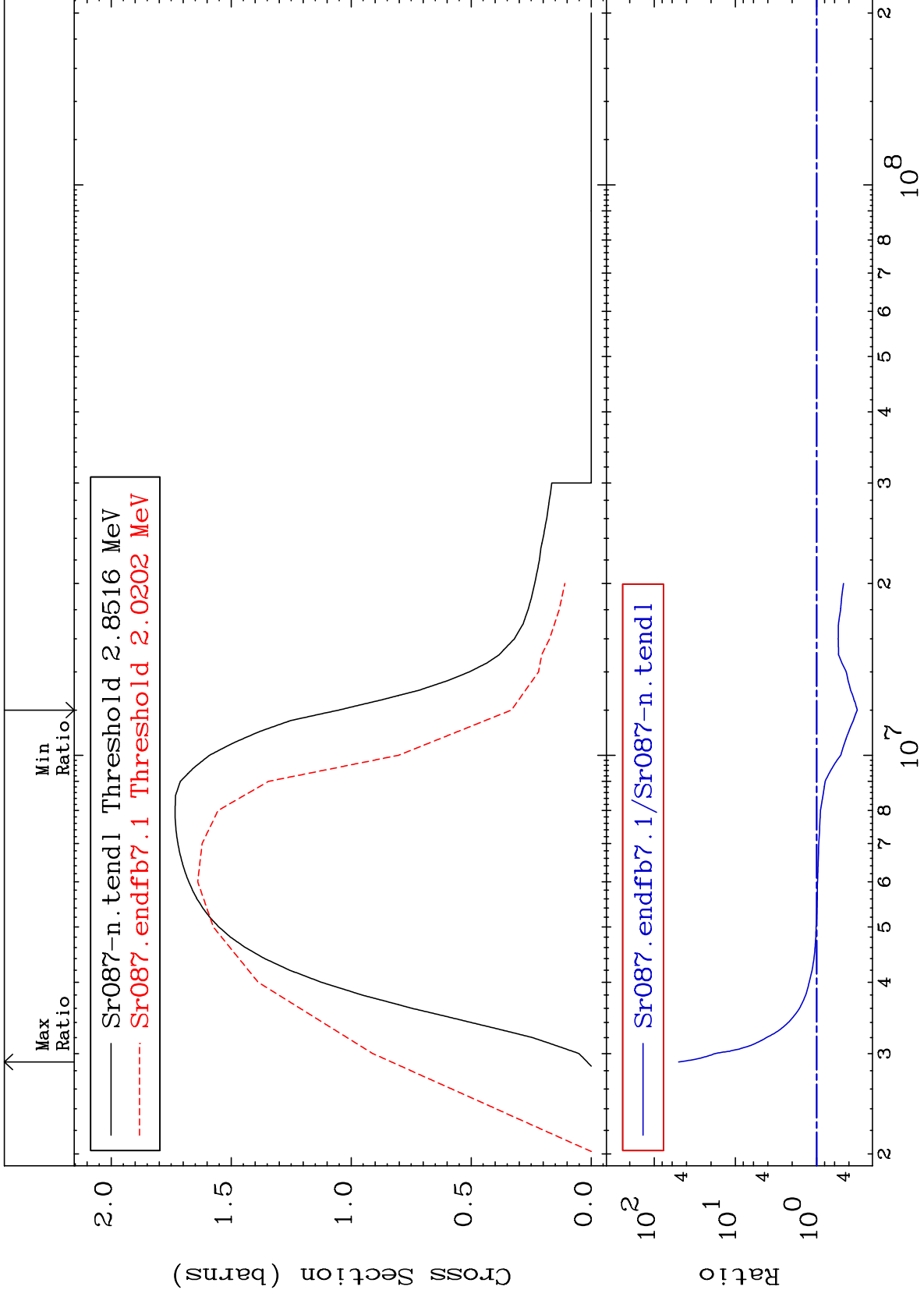
38-Sr-87
-99.99 To 166.1 %

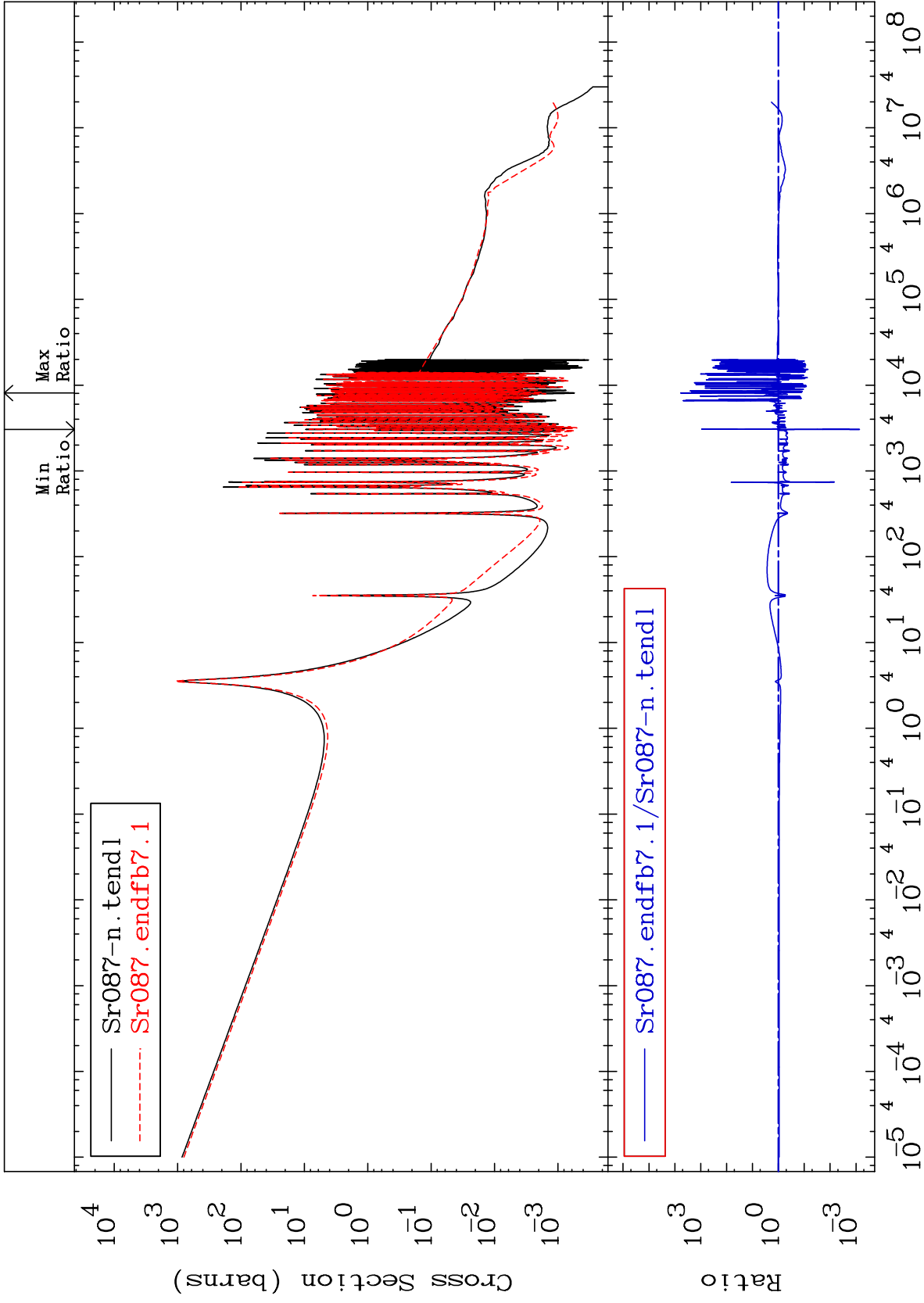


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38-Sr-87

38-Sr-87





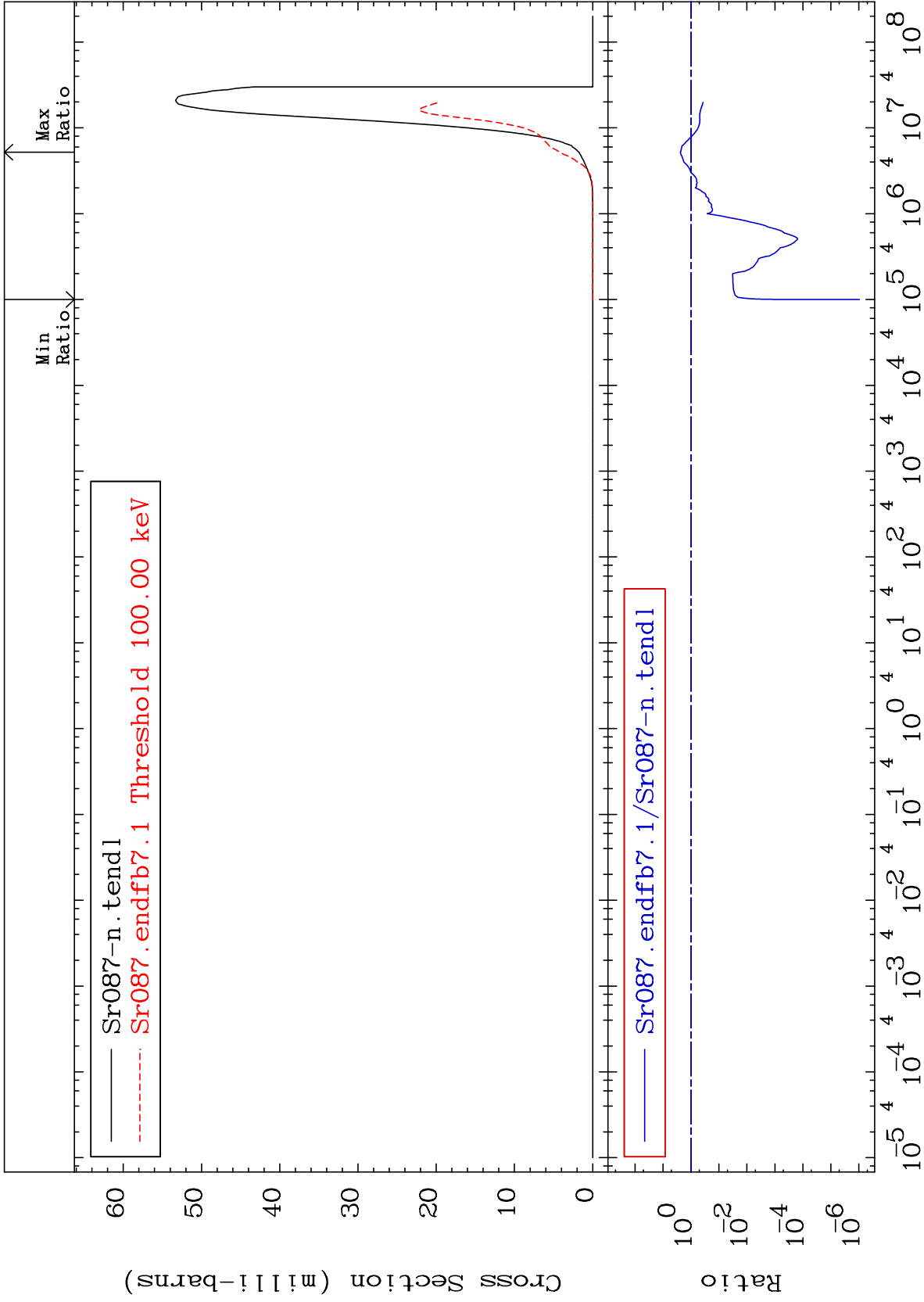
MAT 3834

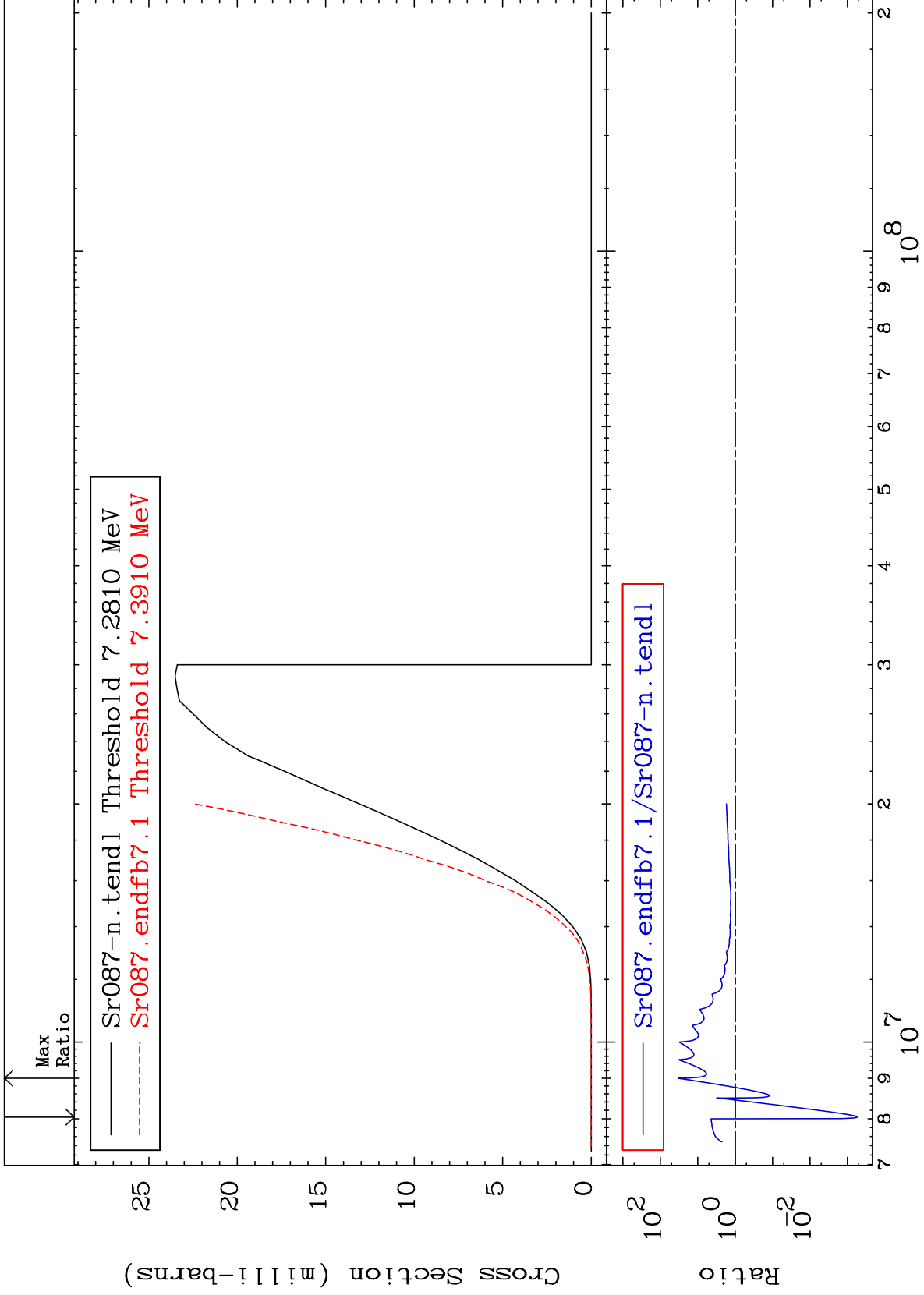
(n,p)

38-Sr-87

Cross Section

-100.0 To 139.1 %

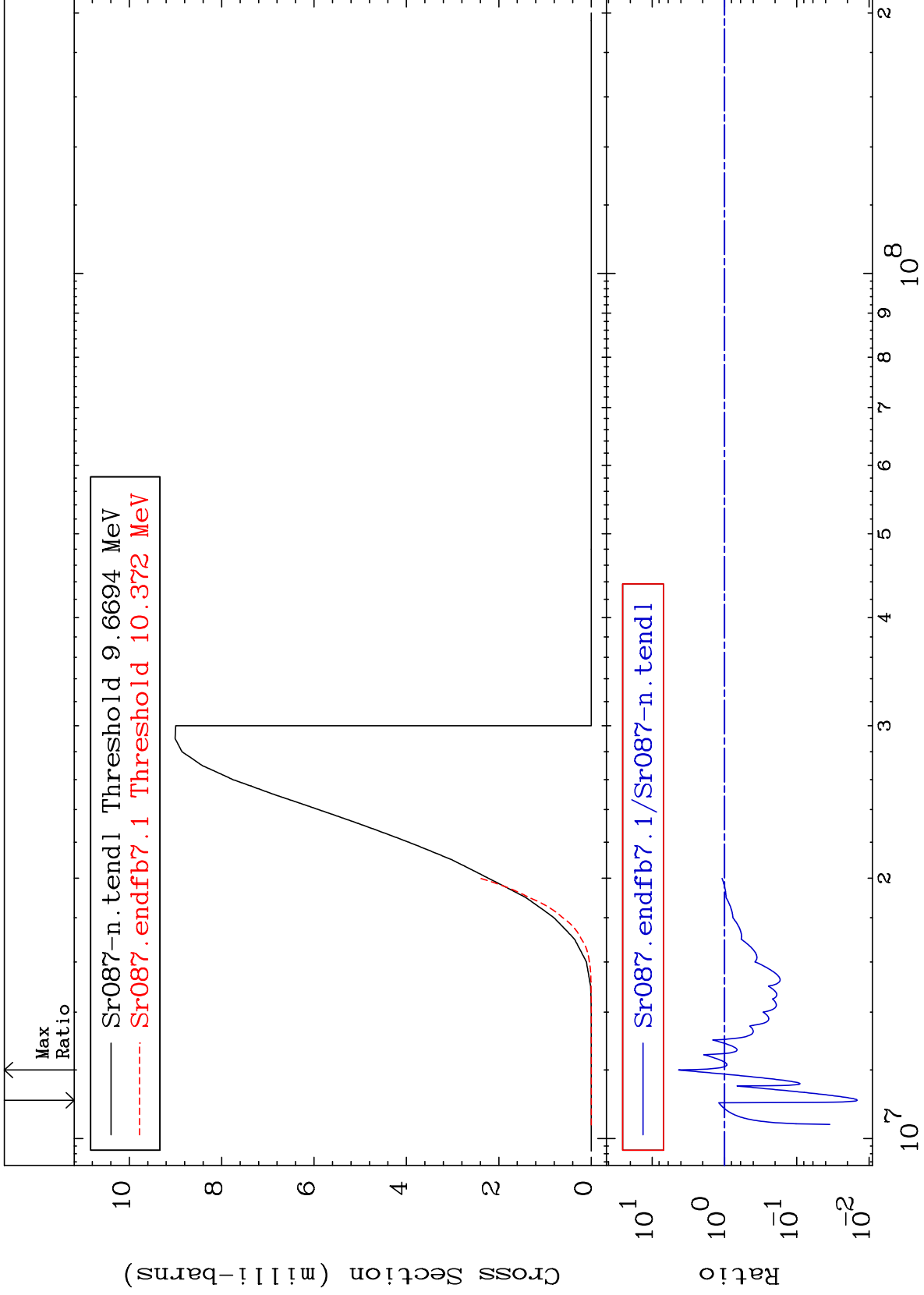




MAT 3834

(n, t)
Cross Section

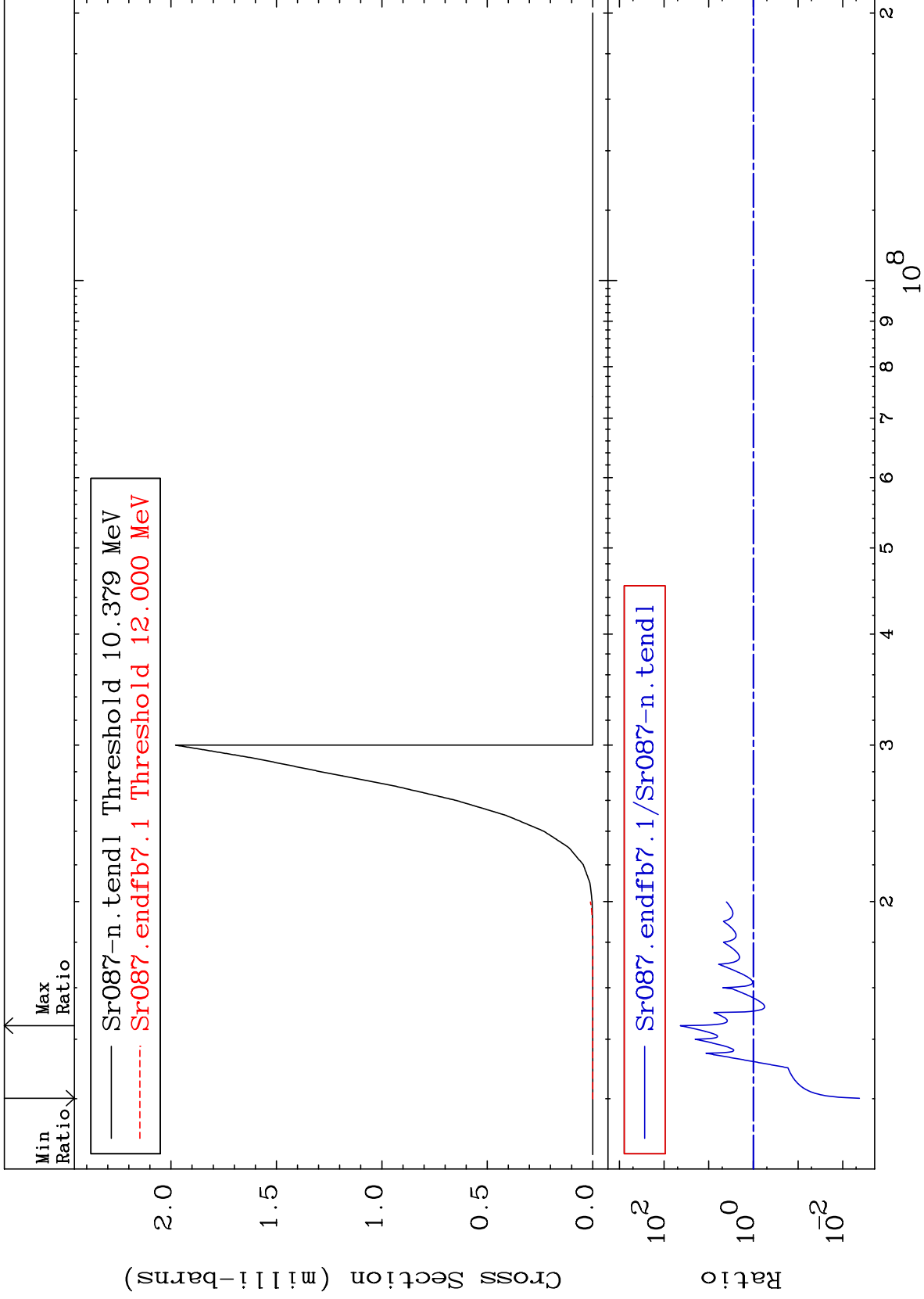
38-Sr-87
-98.54 To 329.9 %



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Incident Energy (eV)

38-Sr-87



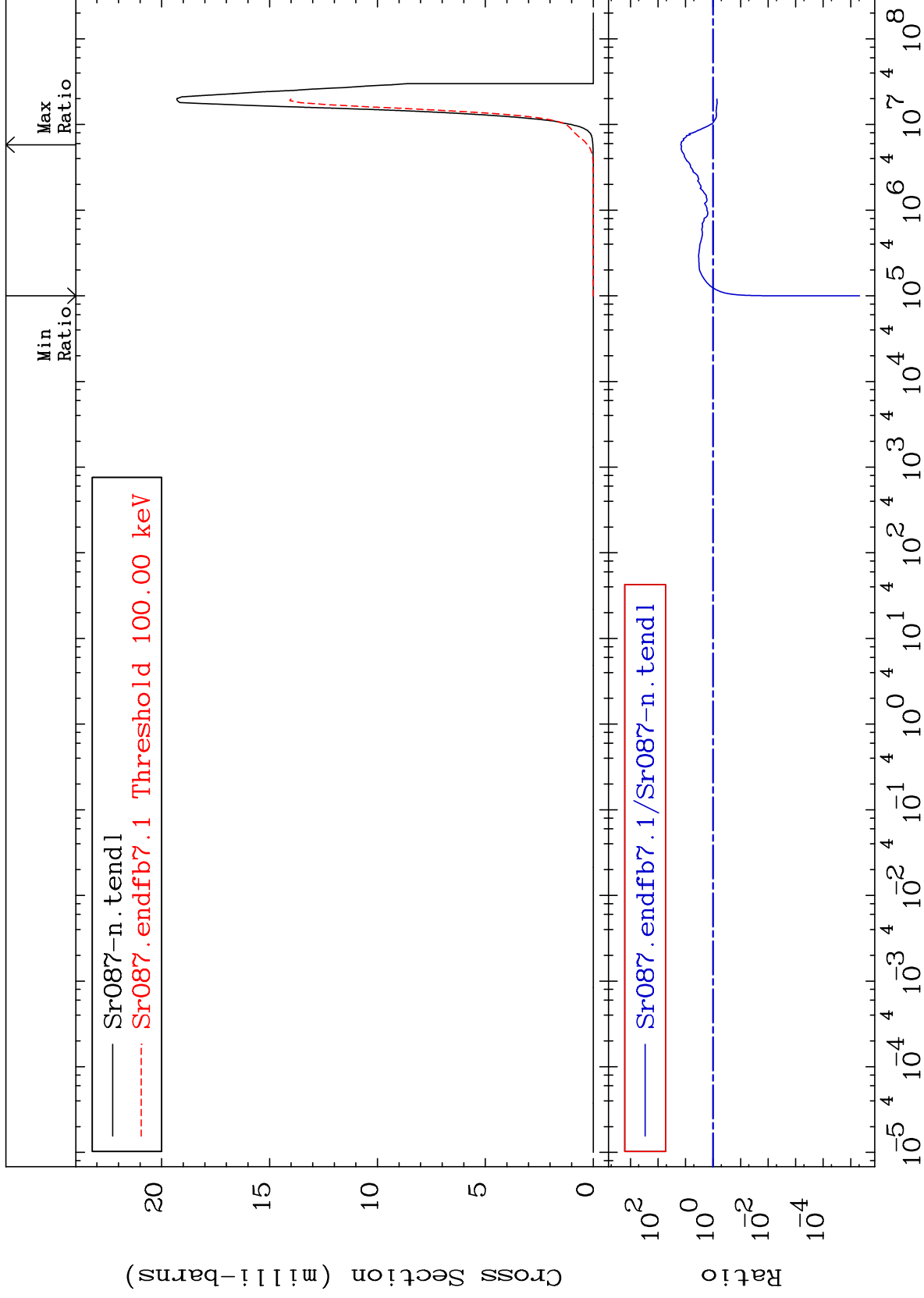
MAT 3834

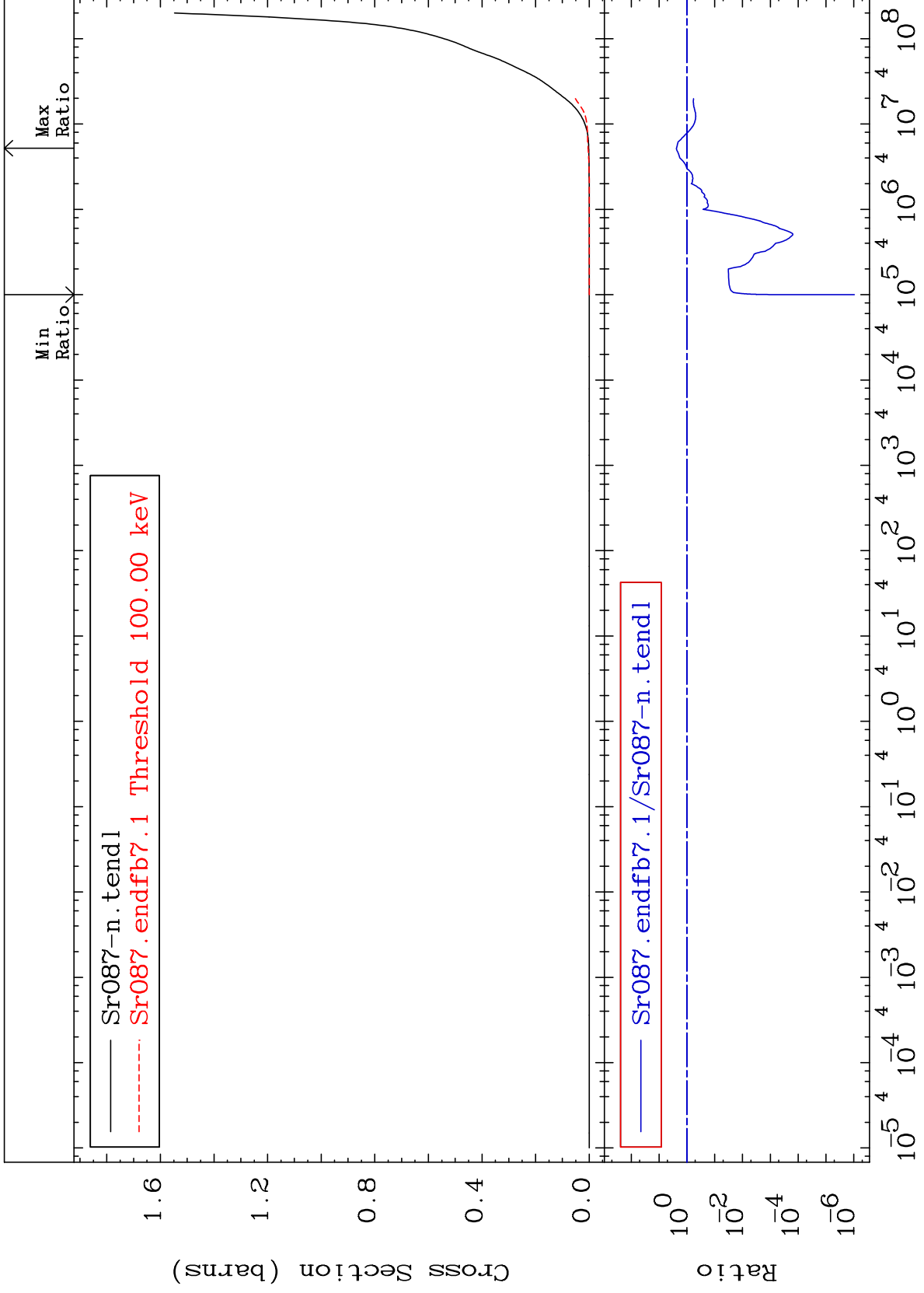
(n, α)

38-Sr-87

Cross Section

-100.0 To 1389. %

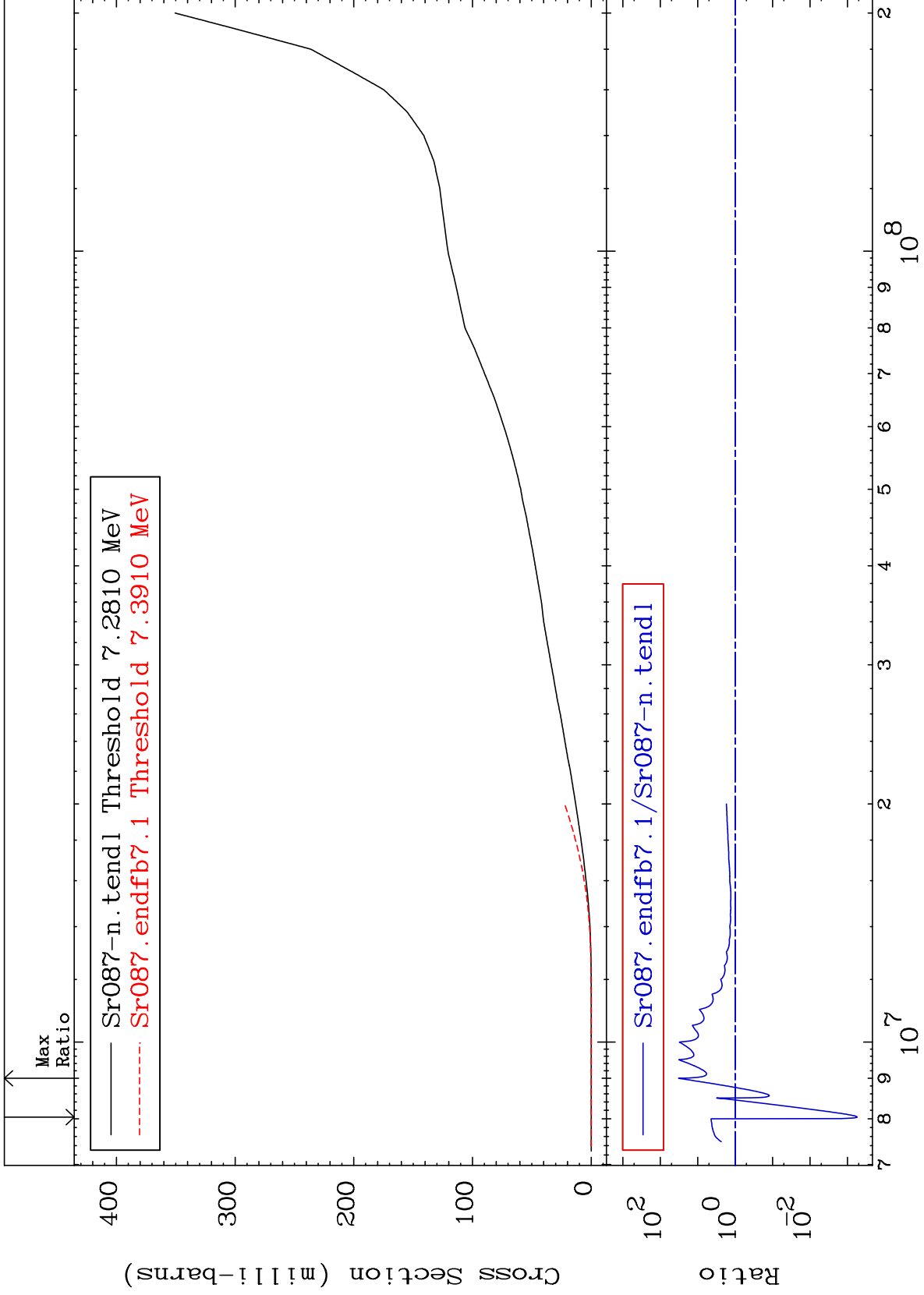




MAT 3834

Deuterium Production
Cross Section

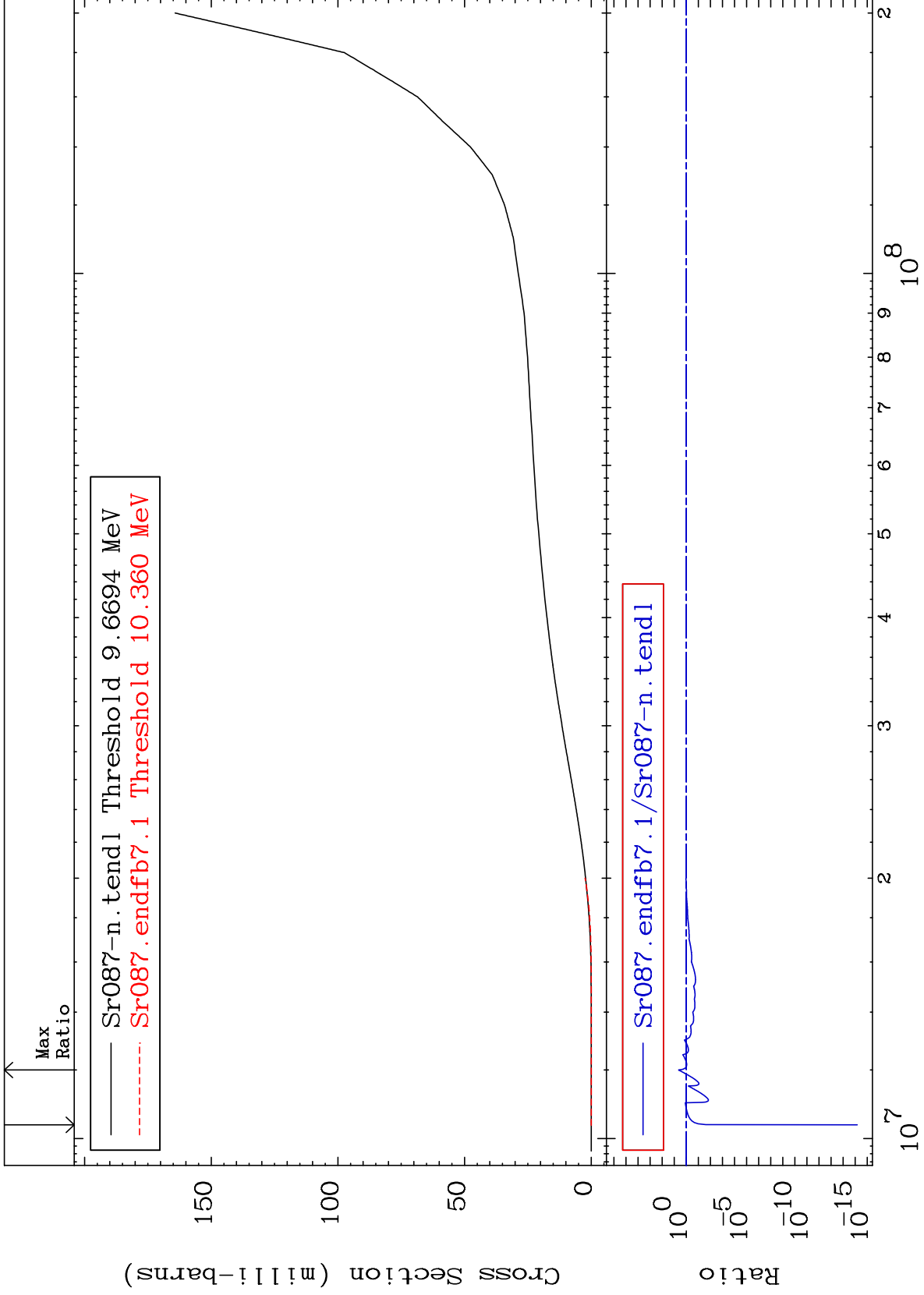
38-Sr-87
-99.95 To 3130. %



MAT 3834

Tritium Production
Cross Section

³⁸Sr-87
-100.0 To 329.9 %



24

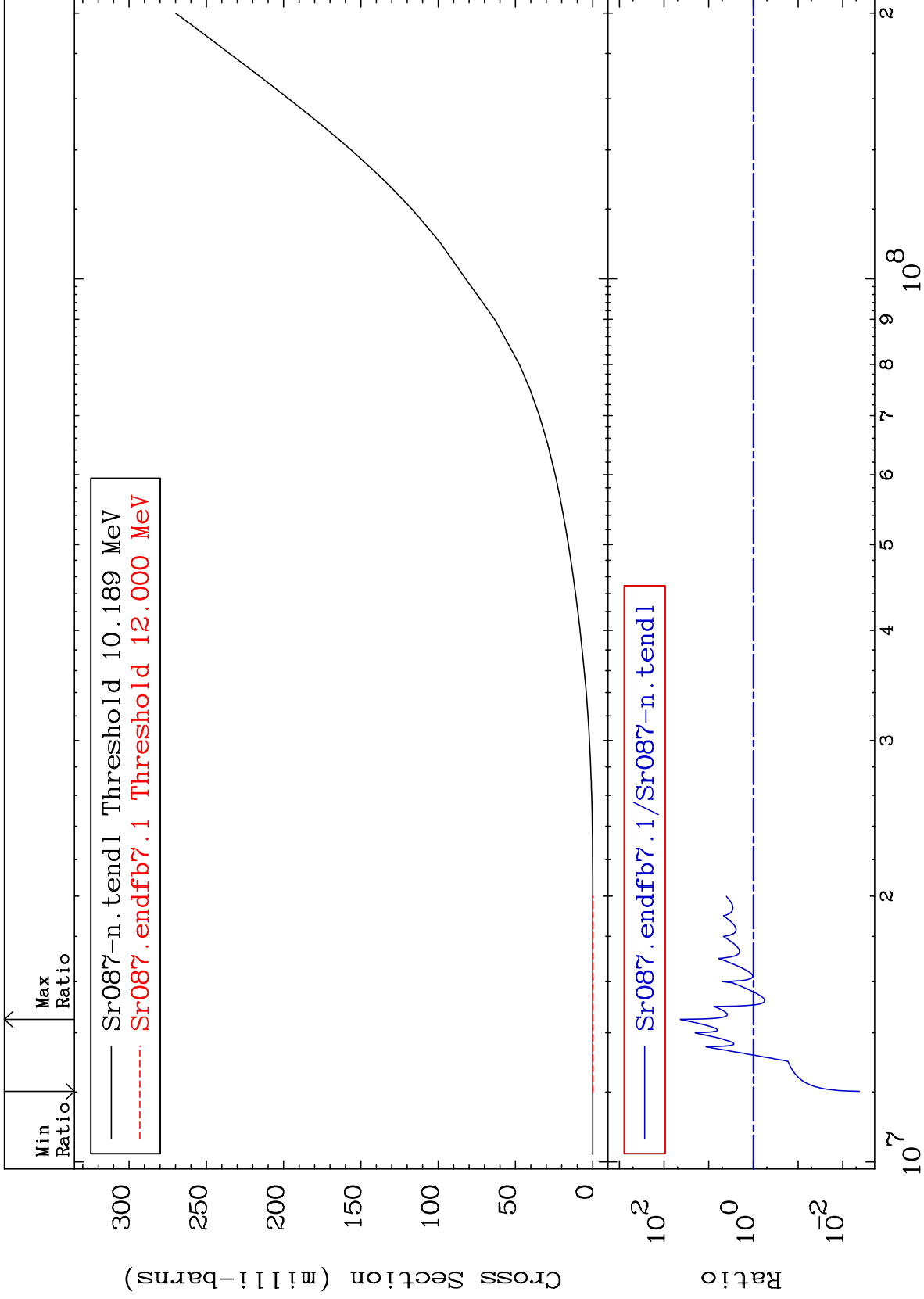
Incident Energy (eV)

³⁸Sr-87

MAT 3834

He-3 Production
Cross Section

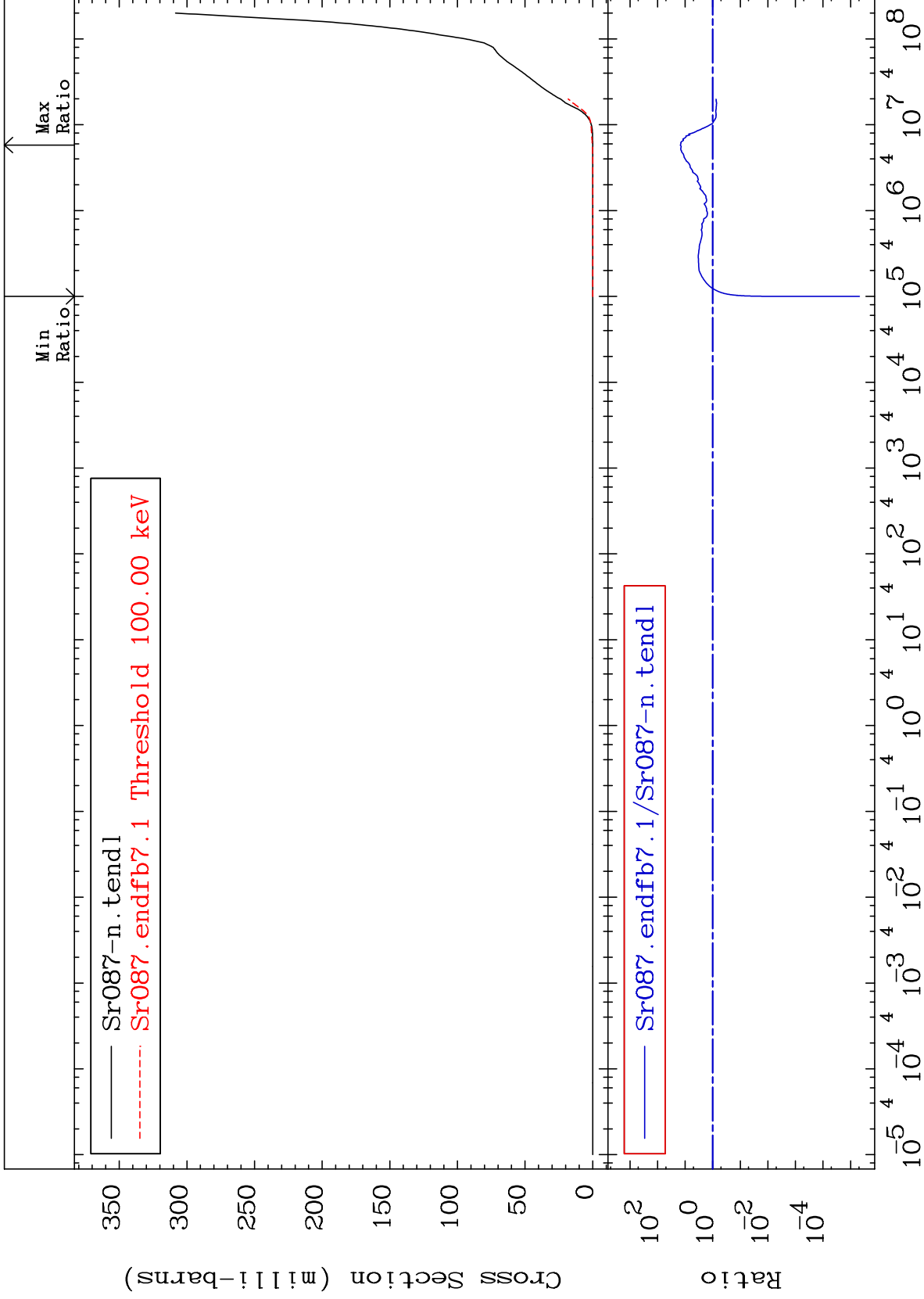
38-Sr-87
-99.58 To 4231. %

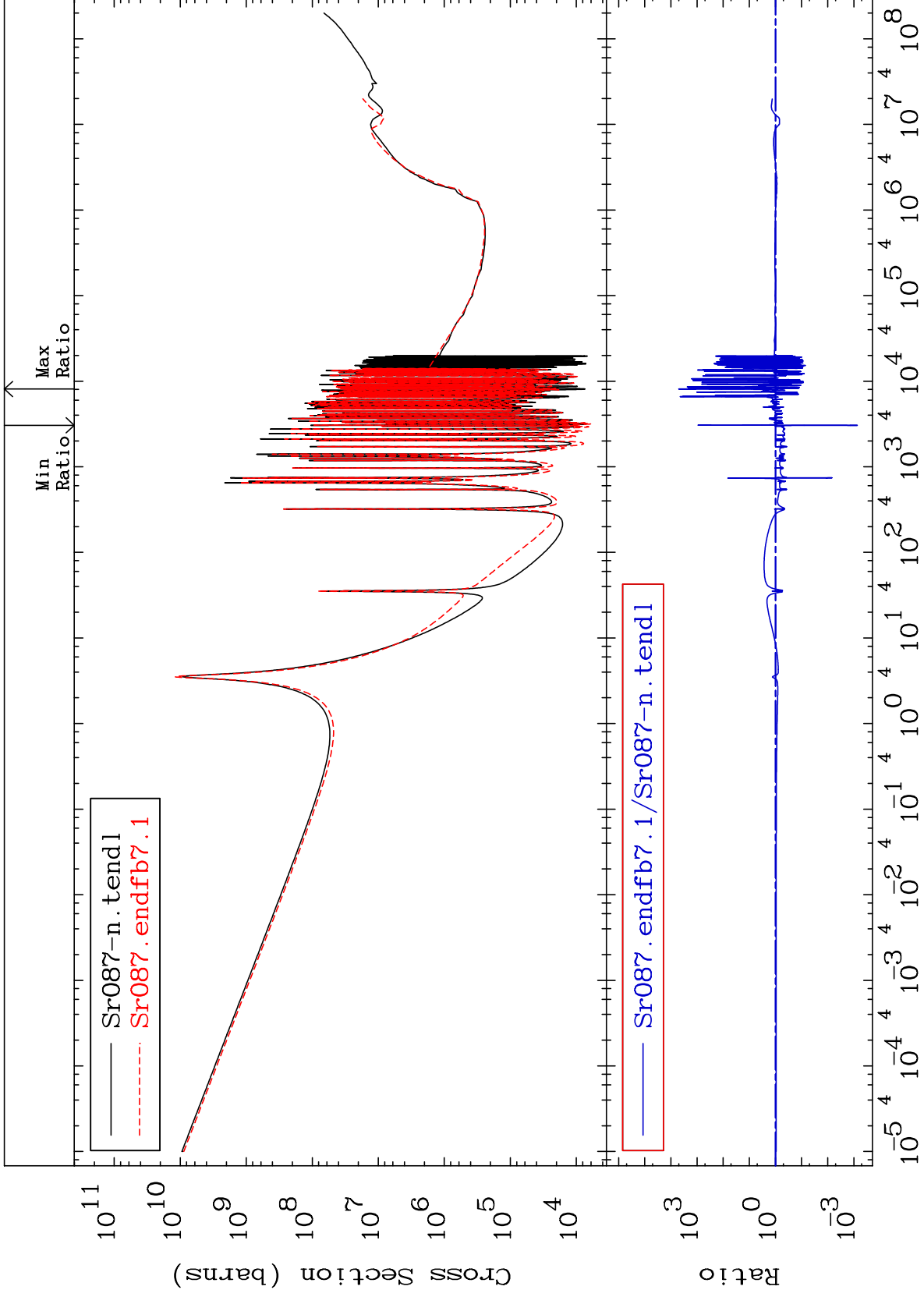


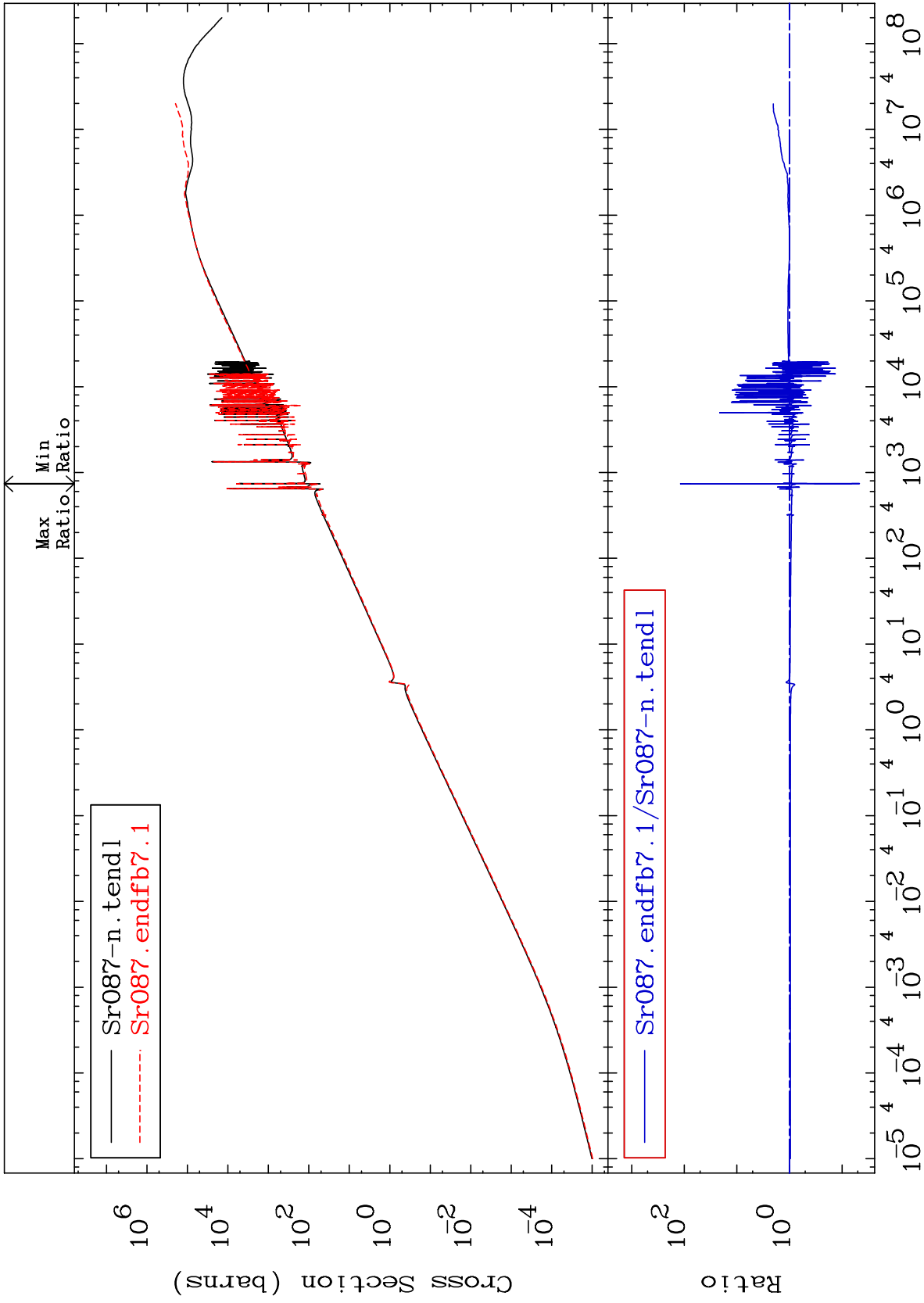
25

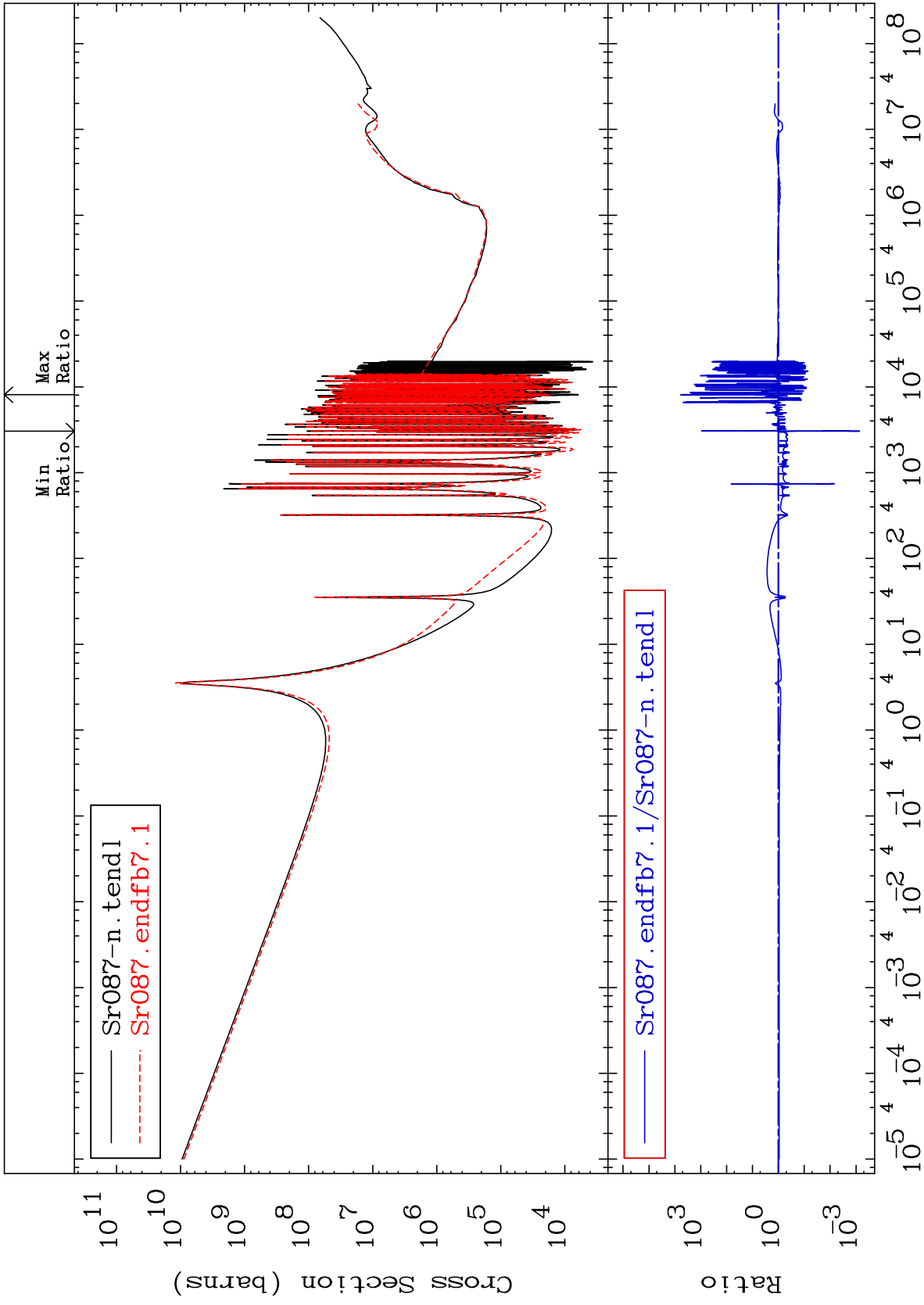
Incident Energy (eV)

38-Sr-87





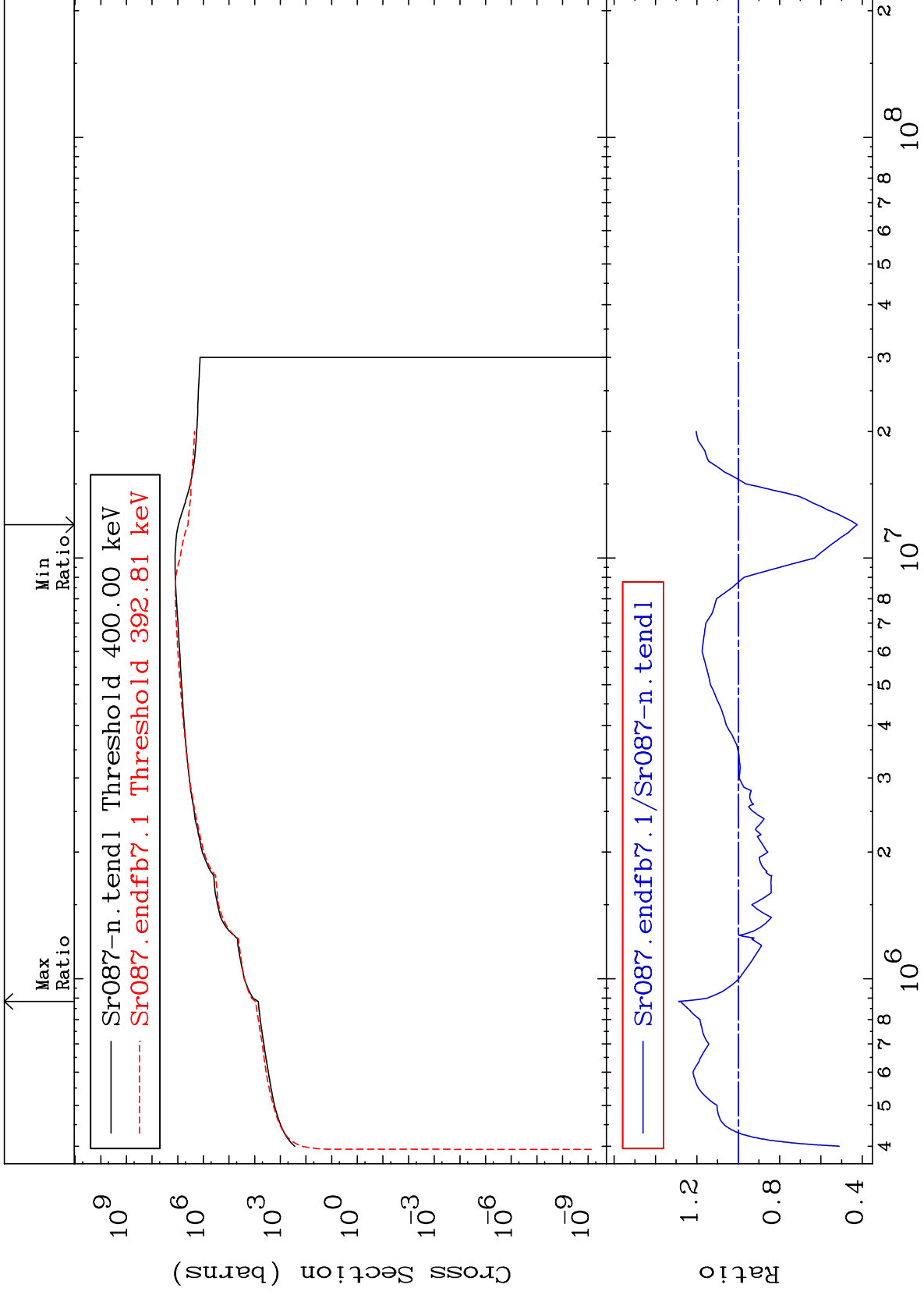




MAT 3834

Kerma inelastic (mt51-91)
Cross Section

38-Sr-87
-57.56 To 28.81 %



30

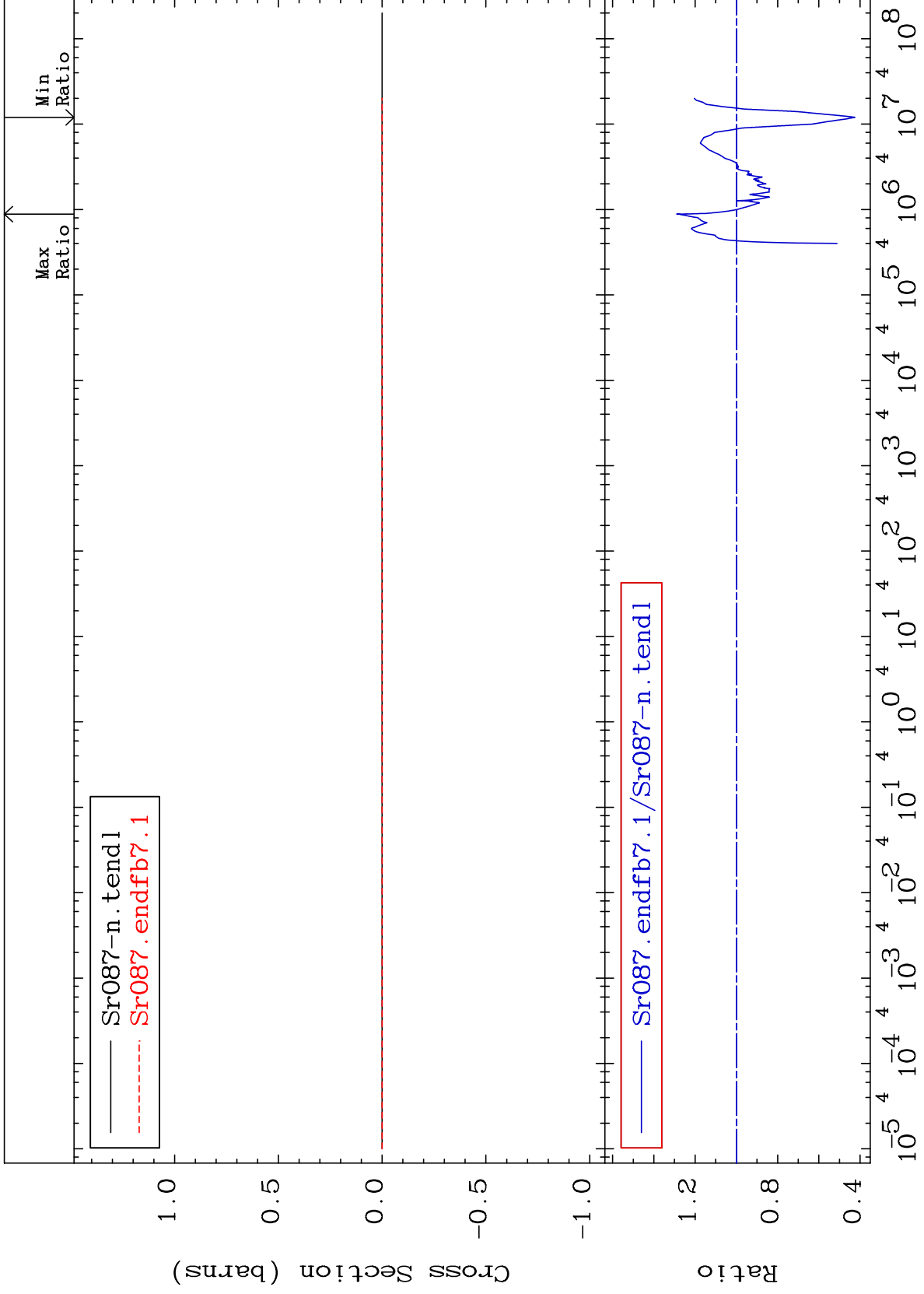
Incident Energy (eV)

38-Sr-87

MAT 3834

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

38-Sr-87
-57.56 To 28.81 %



MAT 3834

Kerma capture (mt102)
Cross Section

38-Sr-87
-99.93 To 9999. %

