

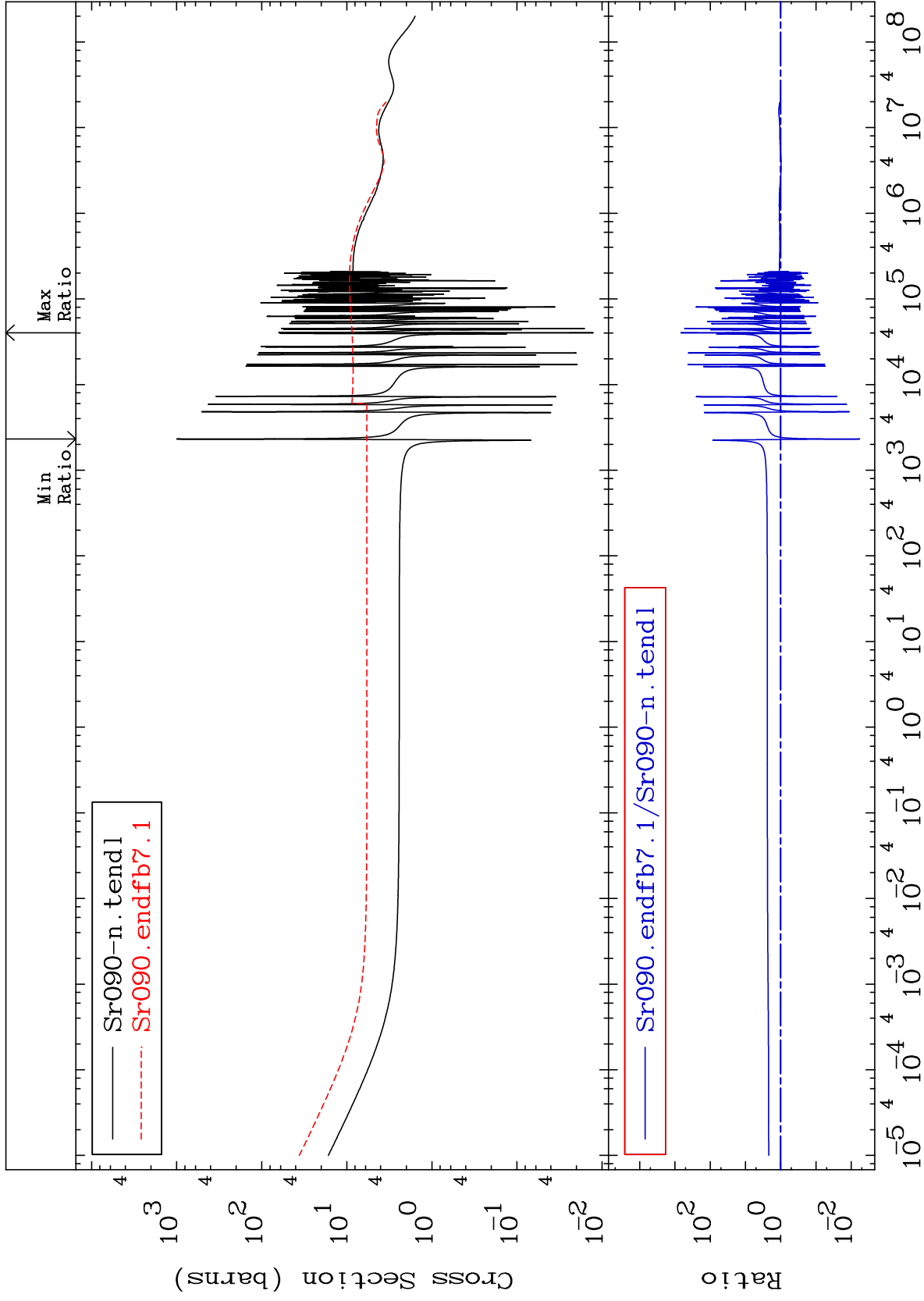
MAT 3843

Total

38-Sr-90

Cross Section

-99.42 To 9999. %



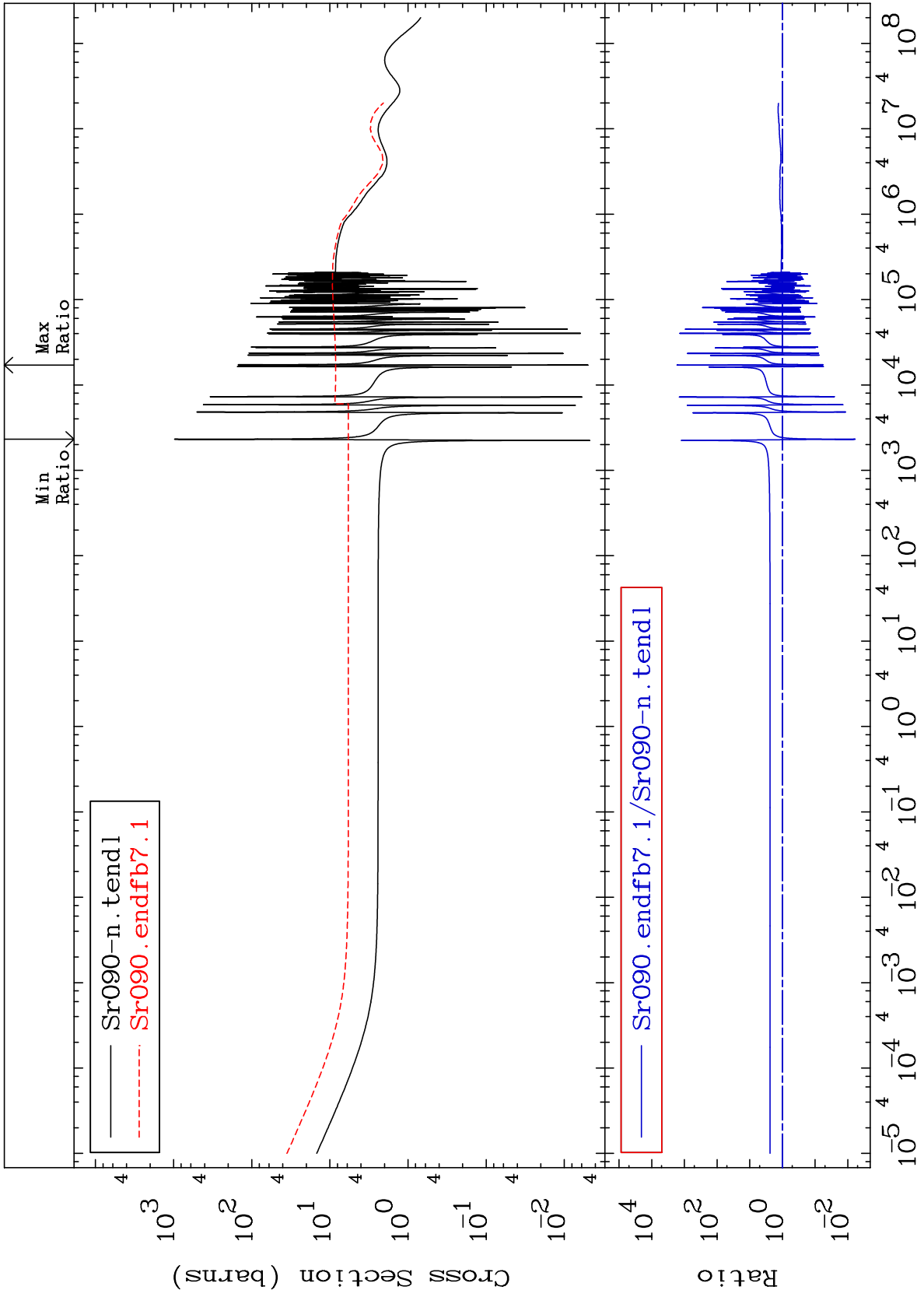
Incident Energy (eV)

38-Sr-90

MAT 3843

Elastic
Cross Section

38-Sr-90
-99.40 To 9999. %



2

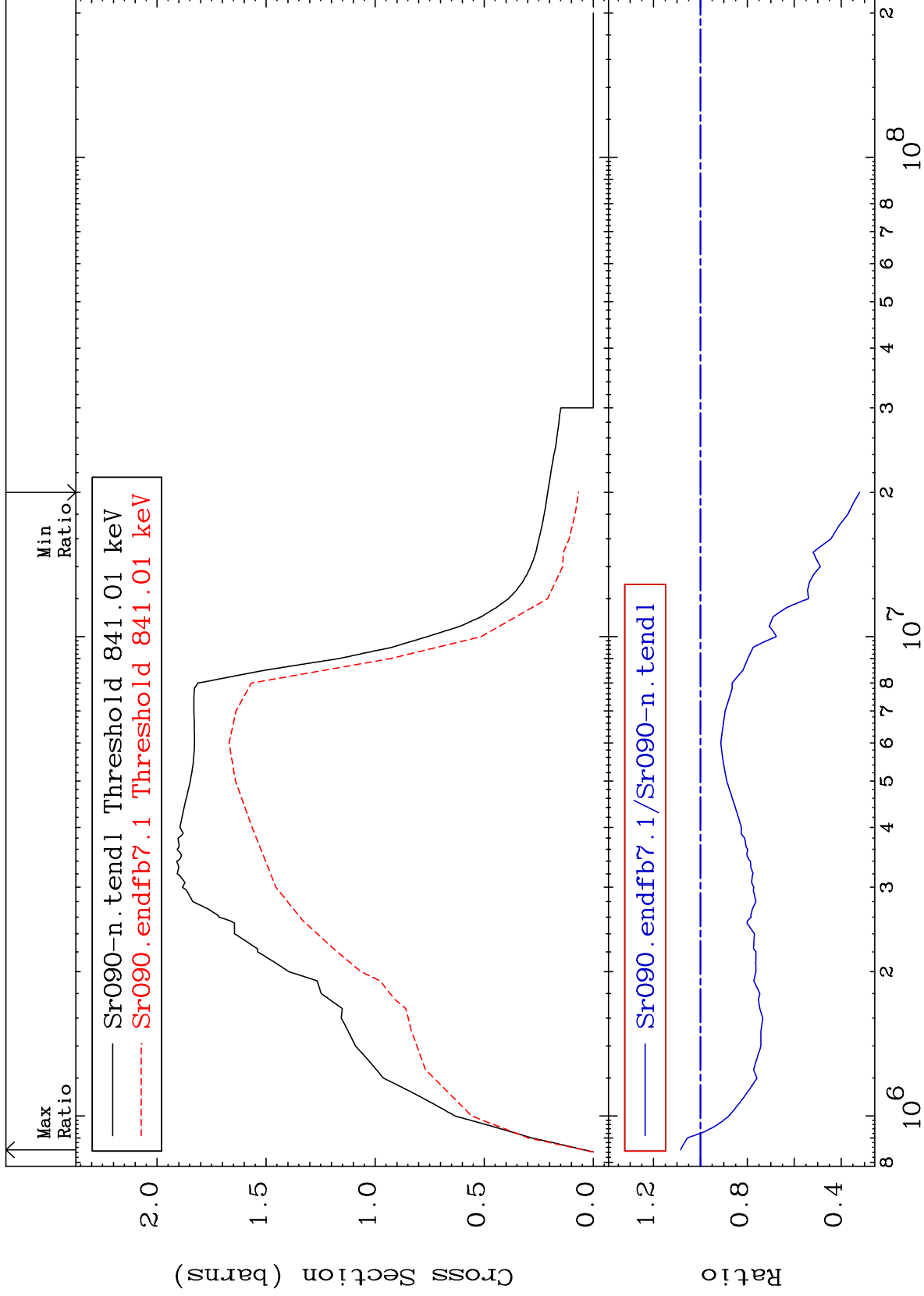
Incident Energy (eV)

38-Sr-90

MAT 3843

Inelastic
Cross Section

38-Sr-90
-67.86 To 8.371 %



38-Sr-90

38-Sr-90

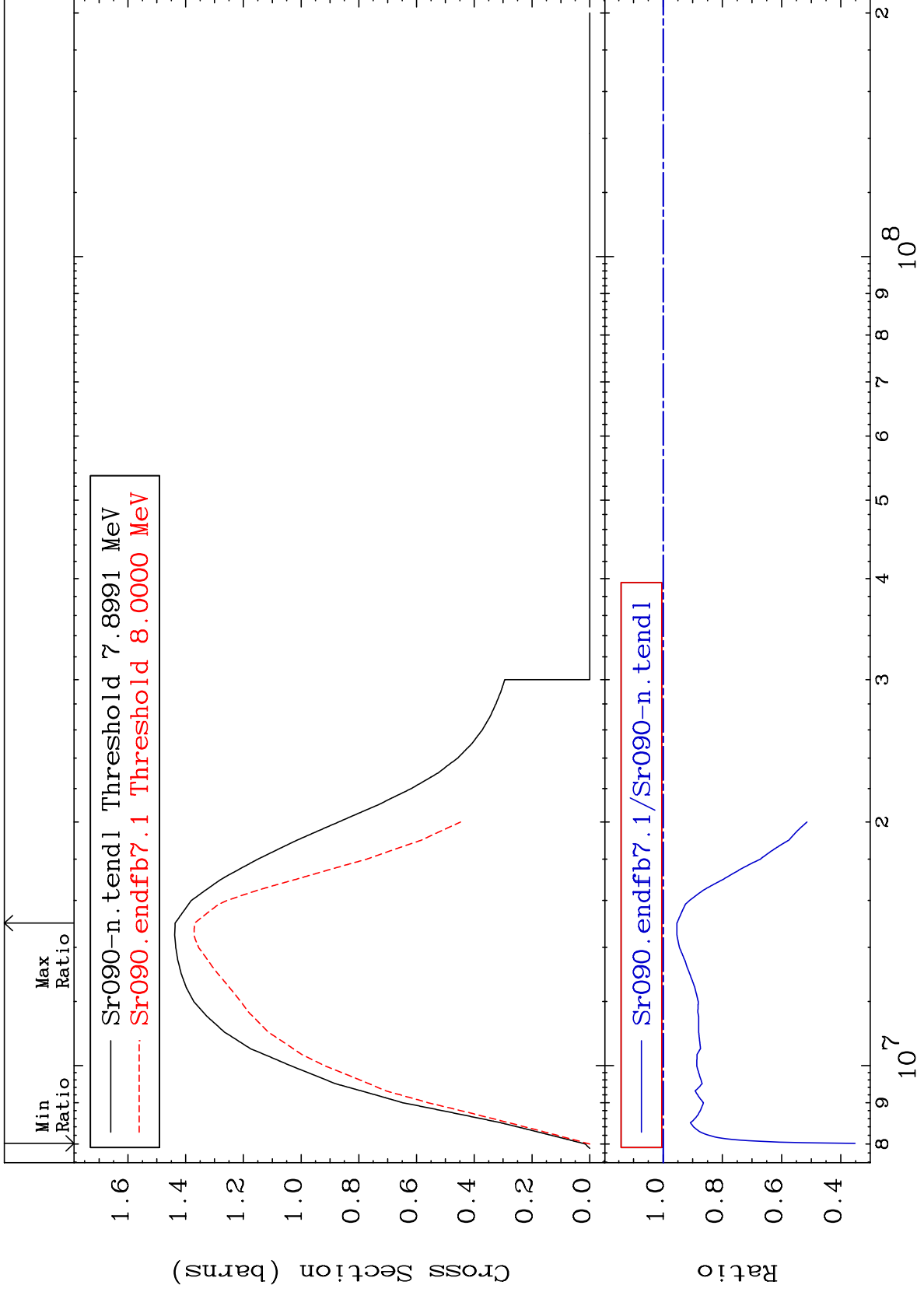
MAT 3843

(n,2n)

38-Sr-90

Cross Section

-64.82 To -4.660%



4

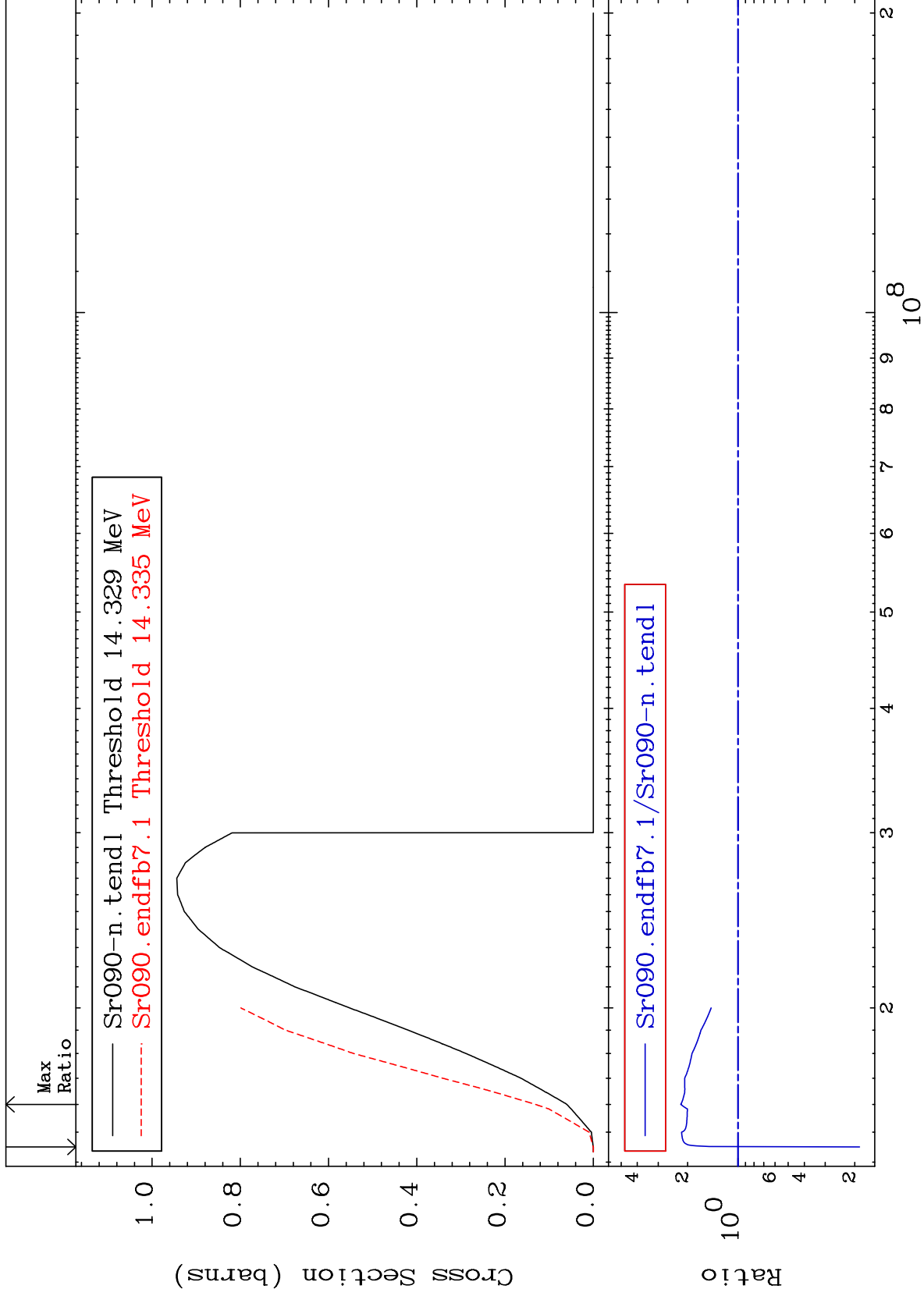
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,3n)
Cross Section

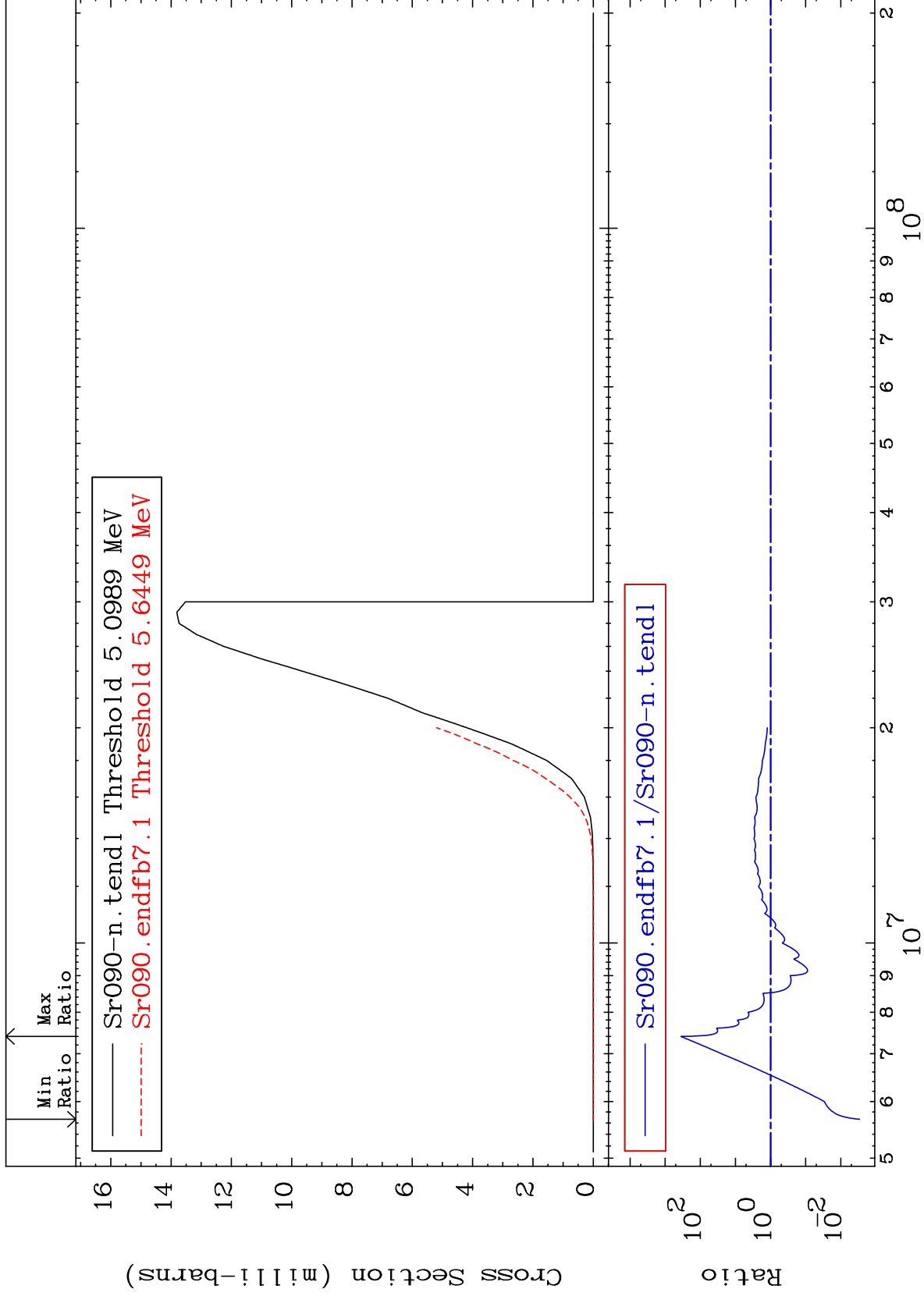
38-Sr-90
-81.29 To 119.7 %



MAT 3843

(n, n') α
Cross Section

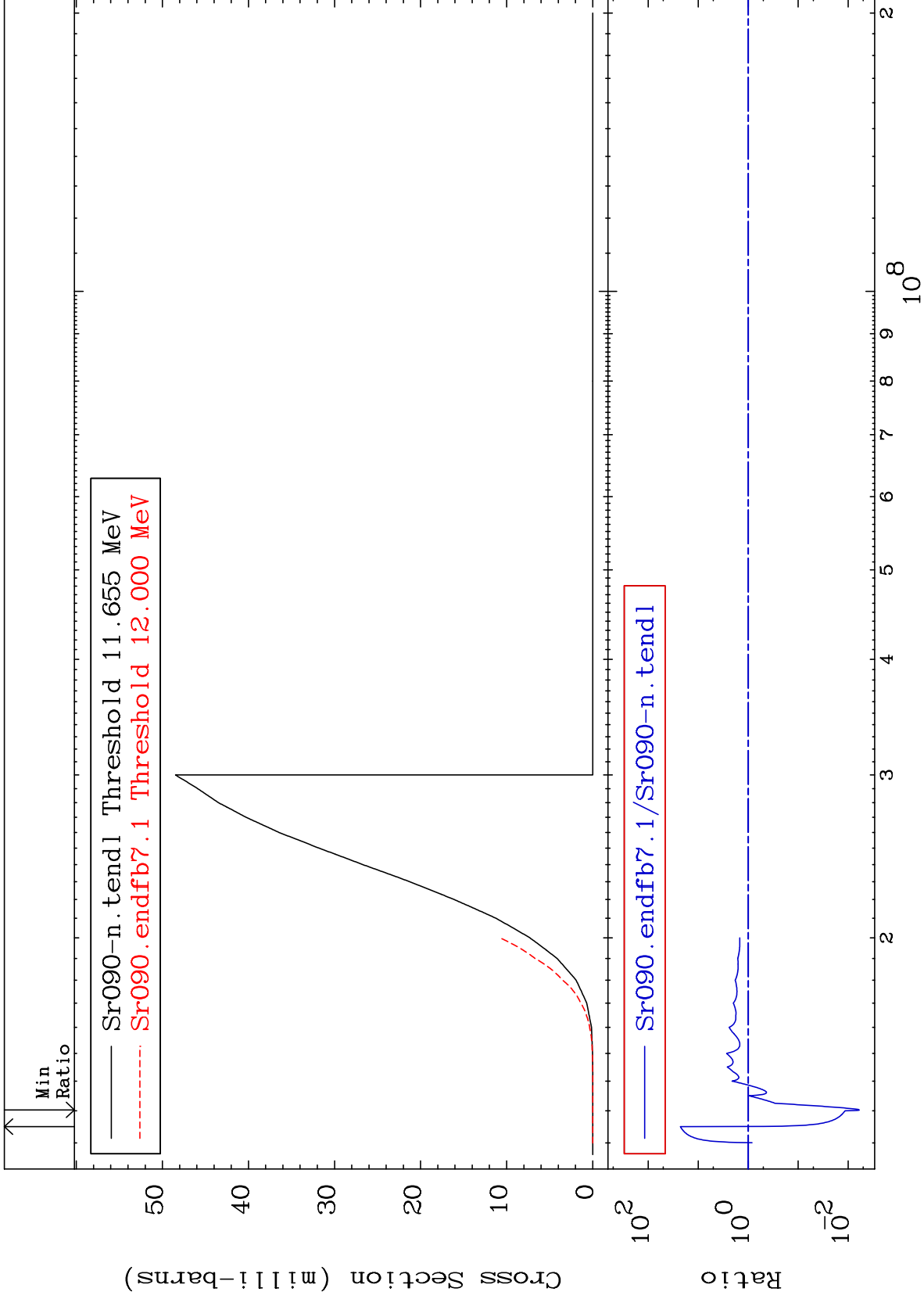
38-Sr-90
-99.71 To 9999. %



MAT 3843

(n,n') p
Cross Section

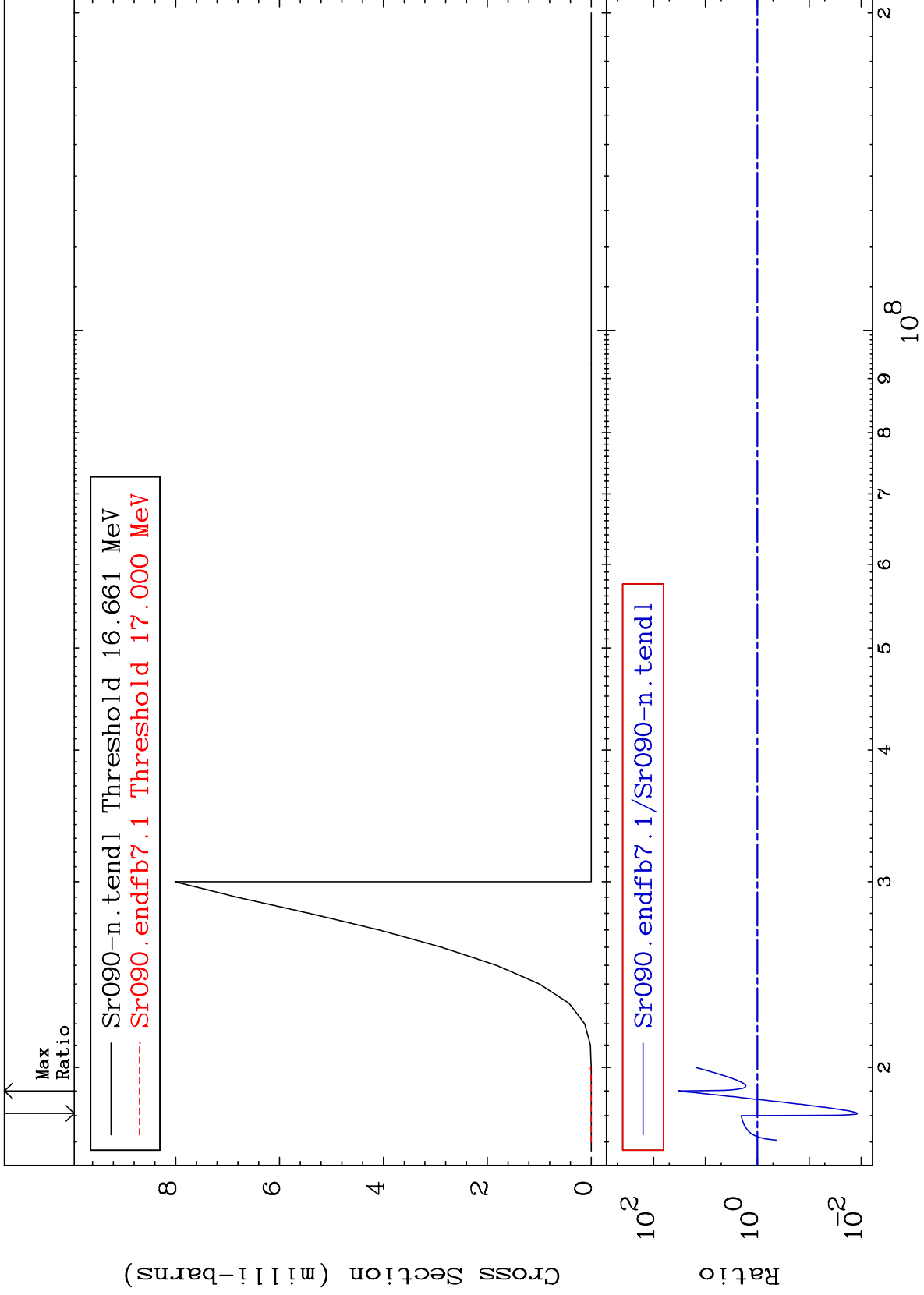
38-Sr-90
-99.40 To 2173. %



MAT 3843

(n,n') d
Cross Section

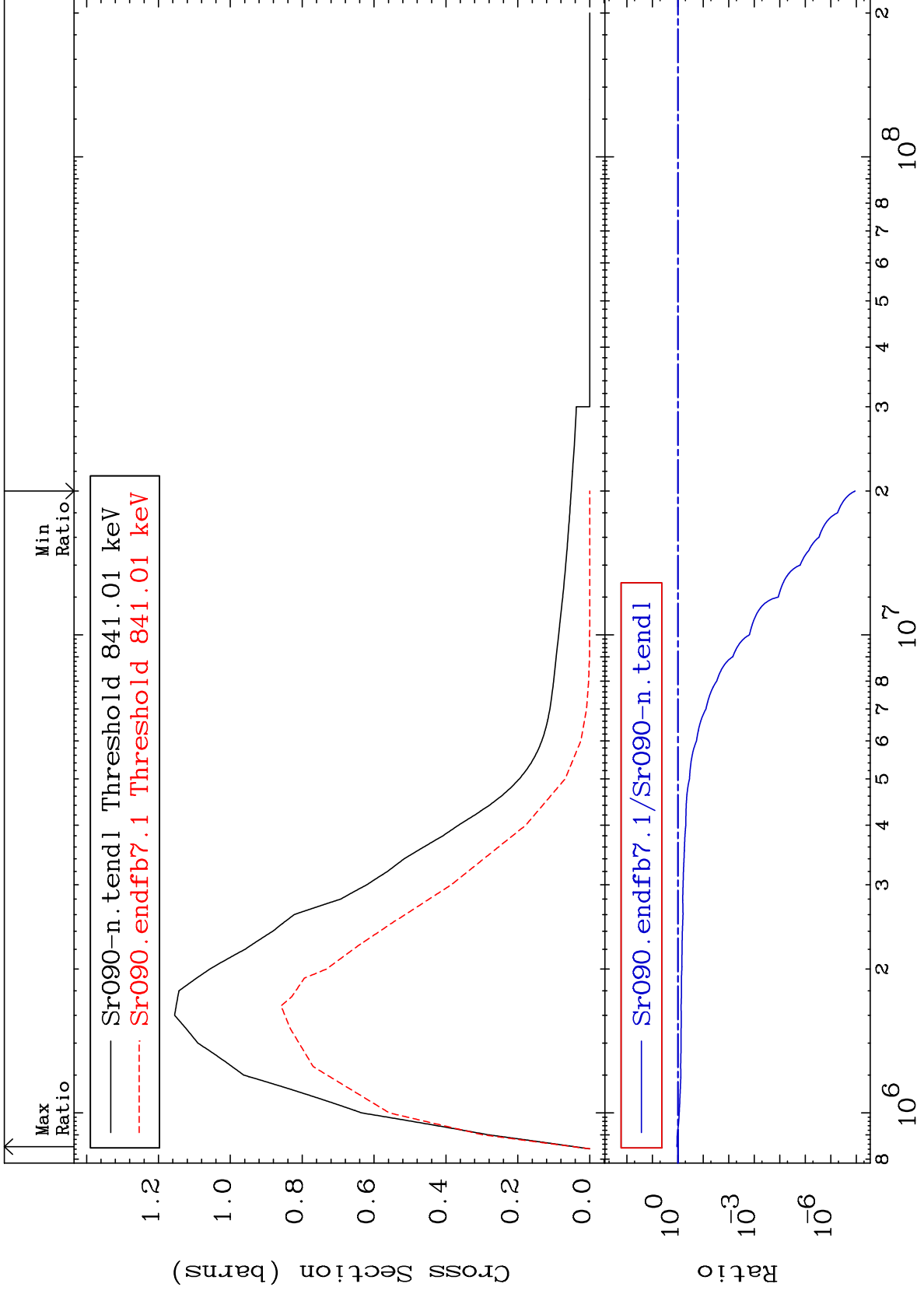
38-Sr-90
-98.81 To 3196. %



MAT 3843

831.7 keV (n,n') Level
Cross Section

38-Sr-90
-100.0 To 8.371 %



9

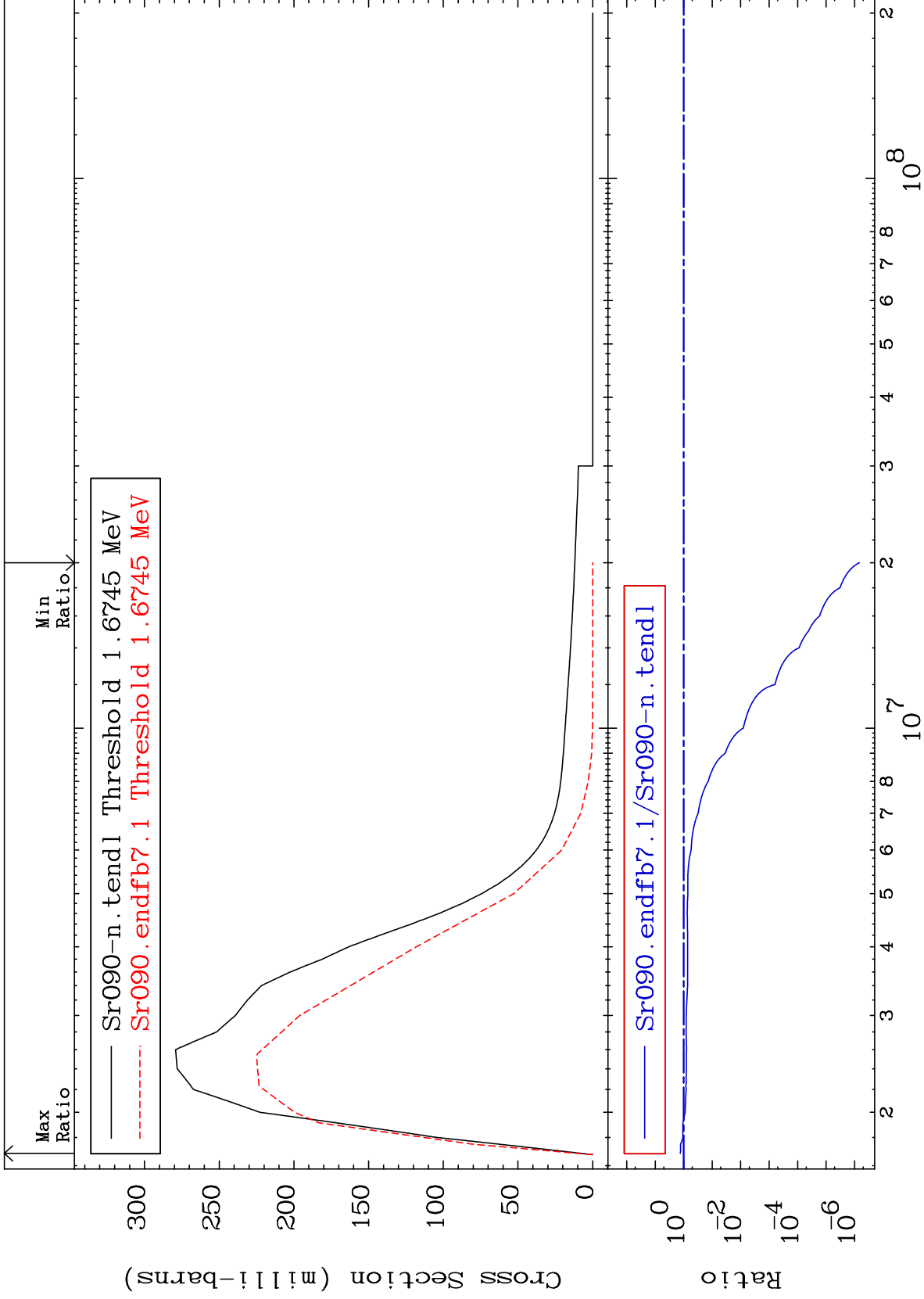
Incident Energy (eV)

38-Sr-90

MAT 3843

1.656 MeV (n,n') Level
Cross Section

38-Sr-90
-100.0 To 30.98 %



10

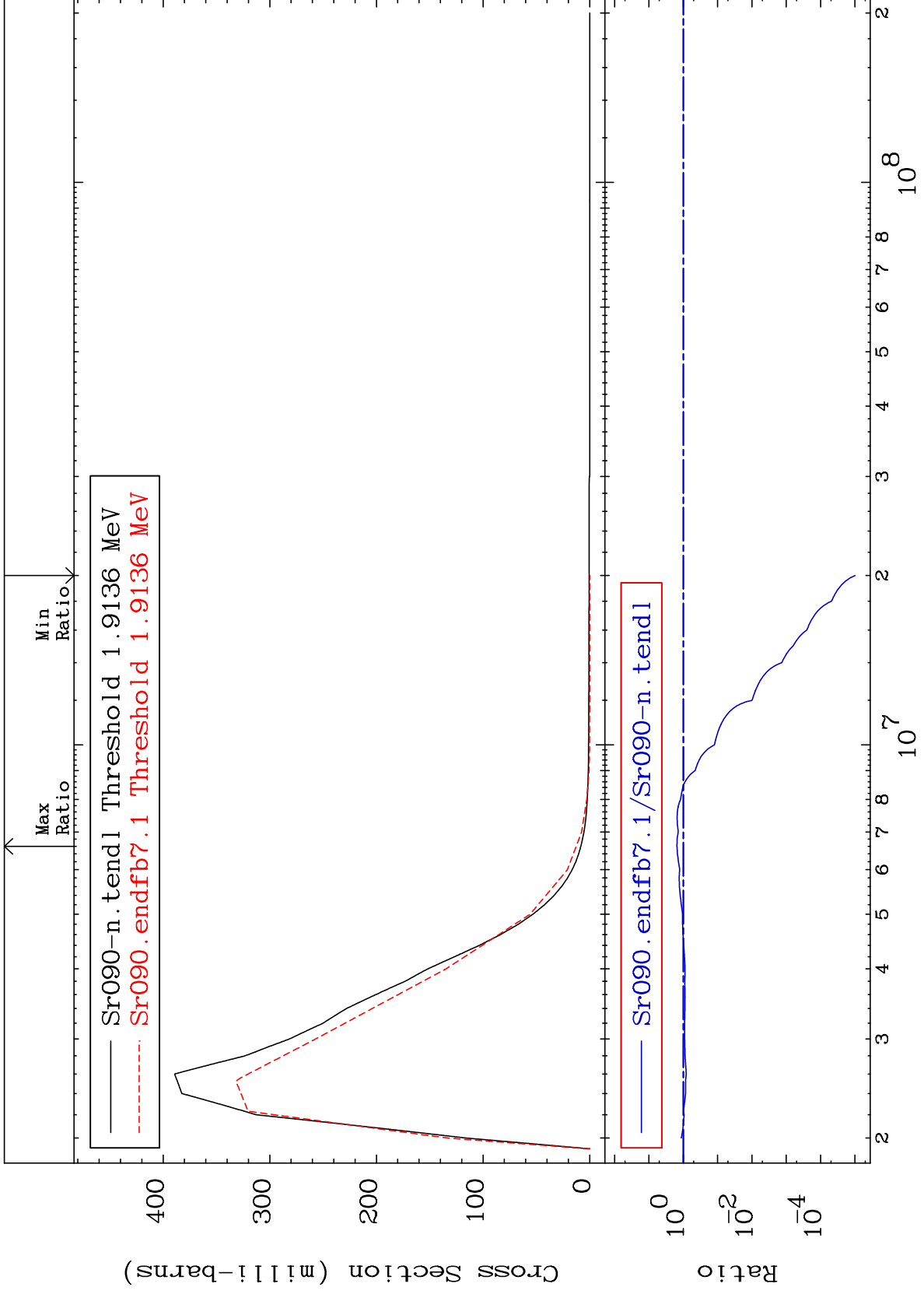
Incident Energy (eV)

38-Sr-90

MAT 3843

1.892 MeV (n,n') Level
Cross Section

38-Sr-90
-100.0 To 53.09 %



11

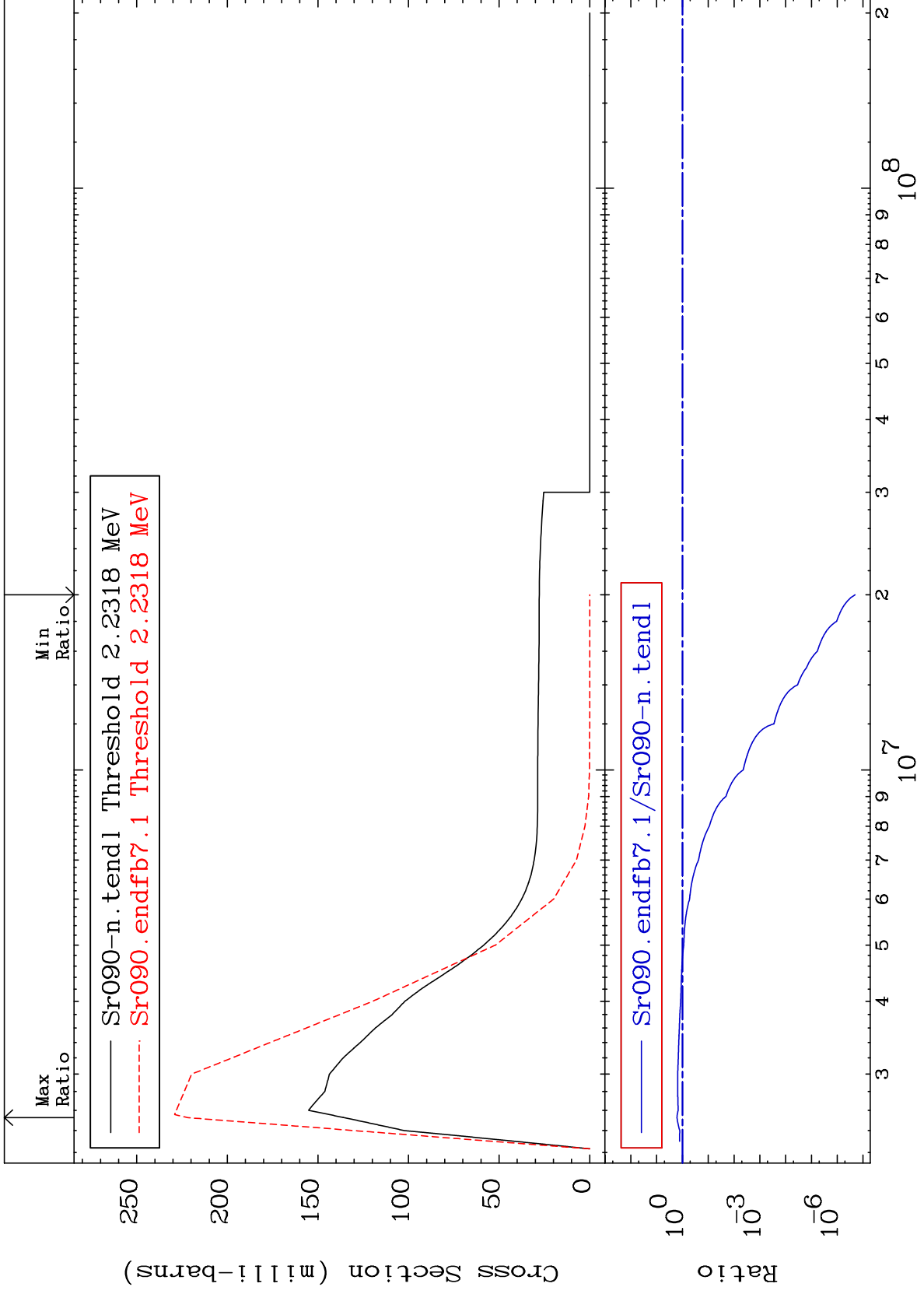
38-Sr-90

38-Sr-90

MAT 3843

2.207 MeV (n,n') Level
Cross Section

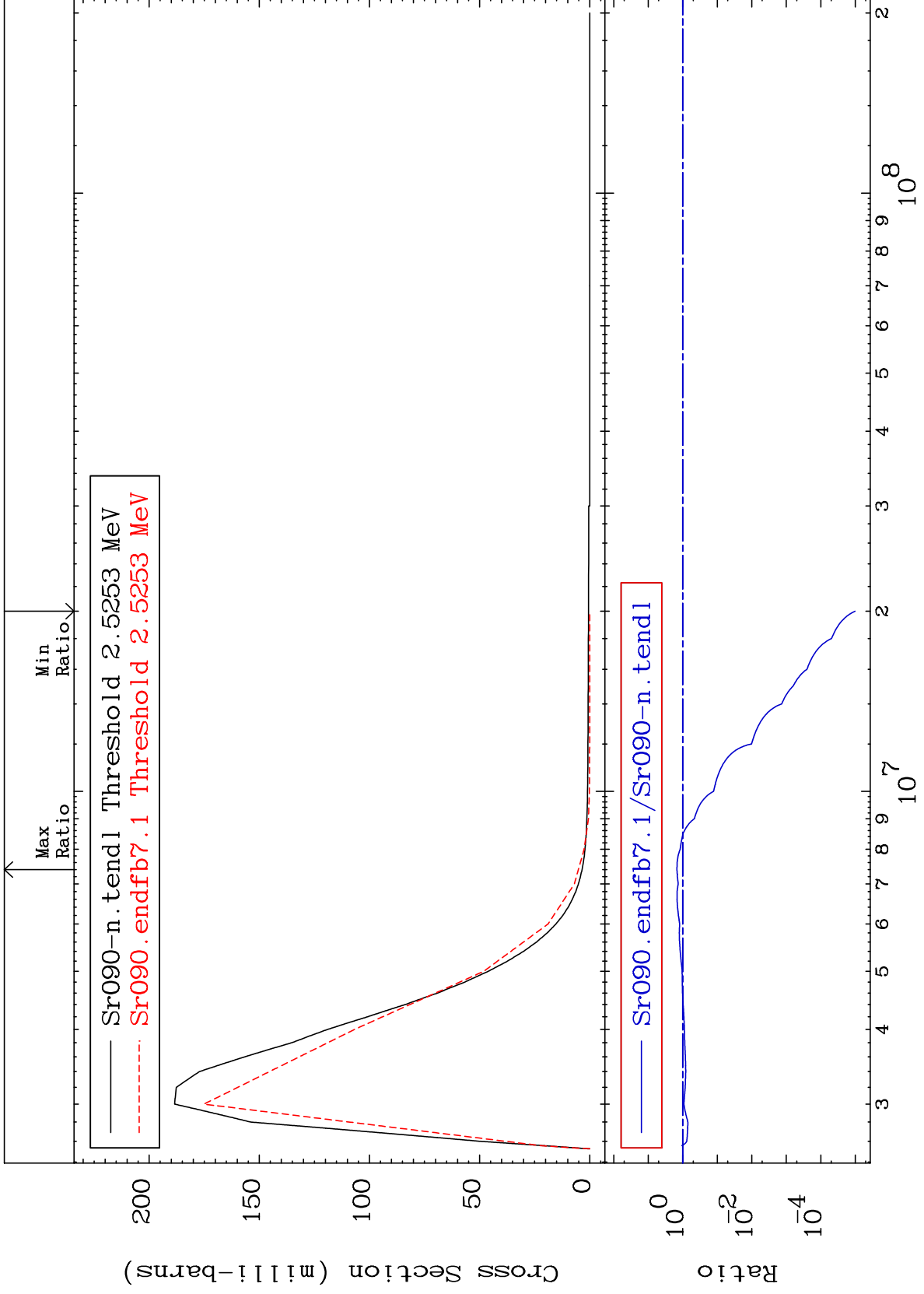
38-Sr-90
-100.0 To 63.67 %



MAT 3843

2.497 MeV (n,n') Level
Cross Section

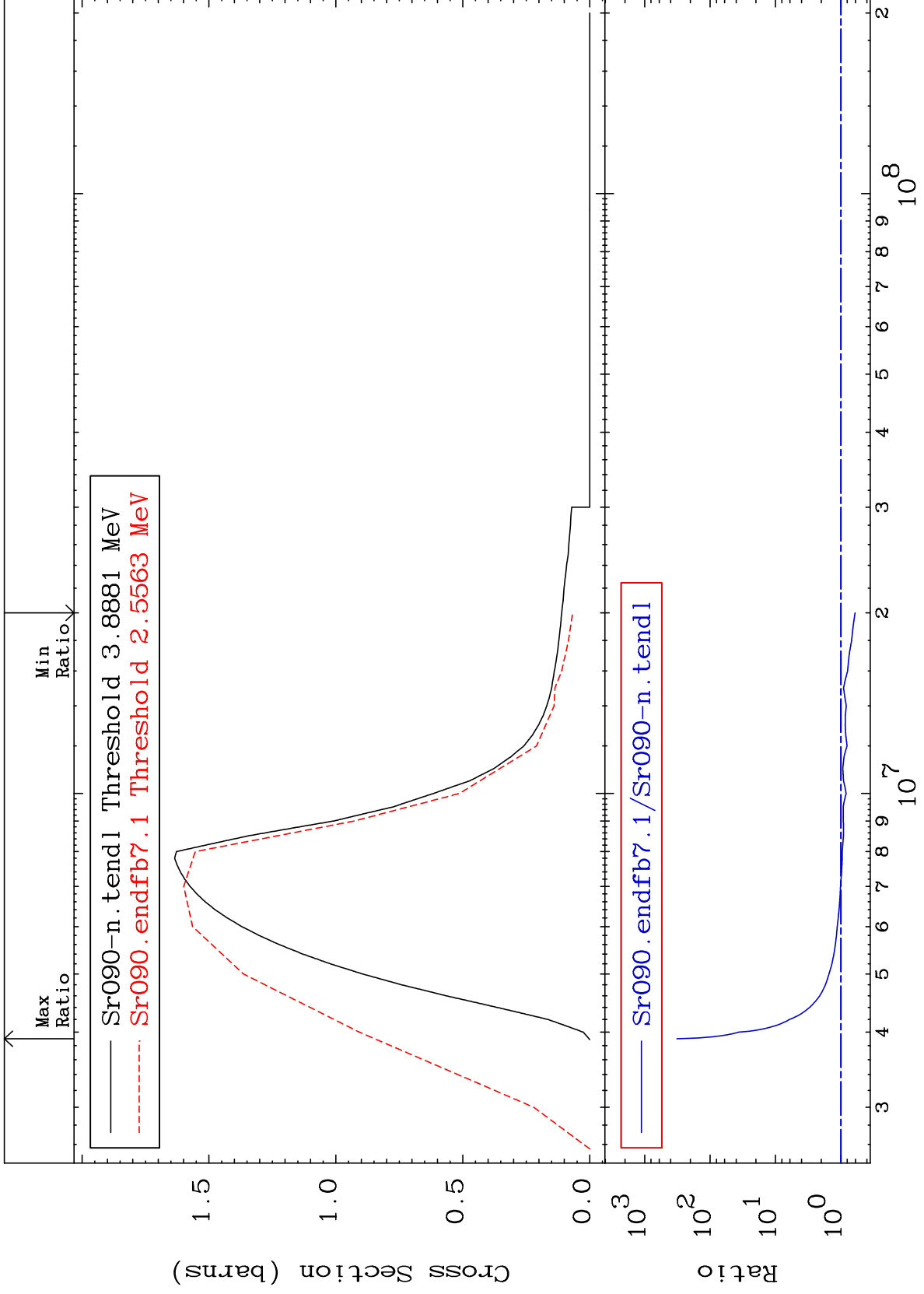
38-Sr-90
-100.0 To 47.79 %



MAT 3843

(n, n') Continuum
Cross Section

38-Sr-90
-39.20 To 9999. %



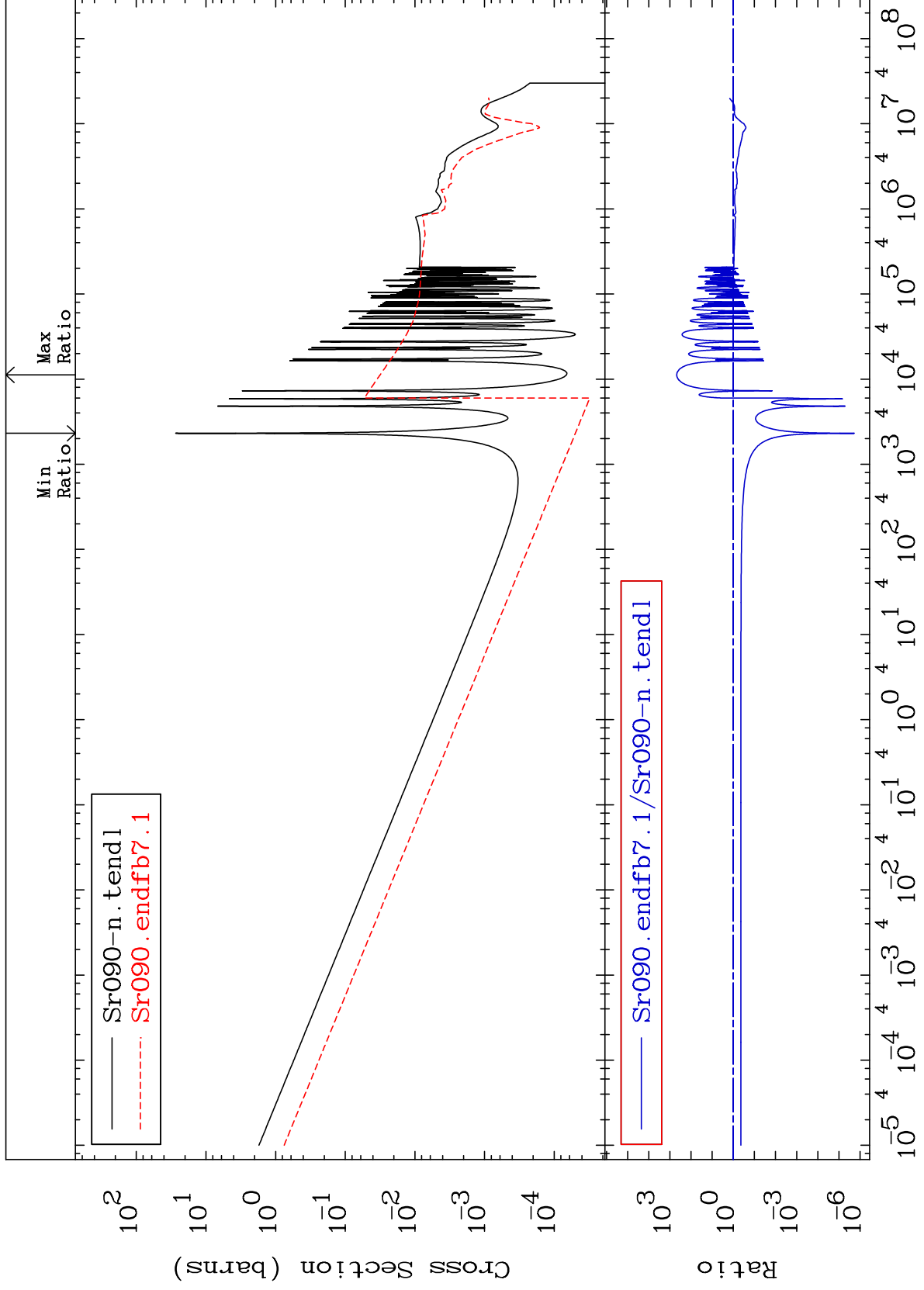
MAT 3843

(n, γ)

38-Sr-90

Cross Section

-100.0 To 9999. %



15

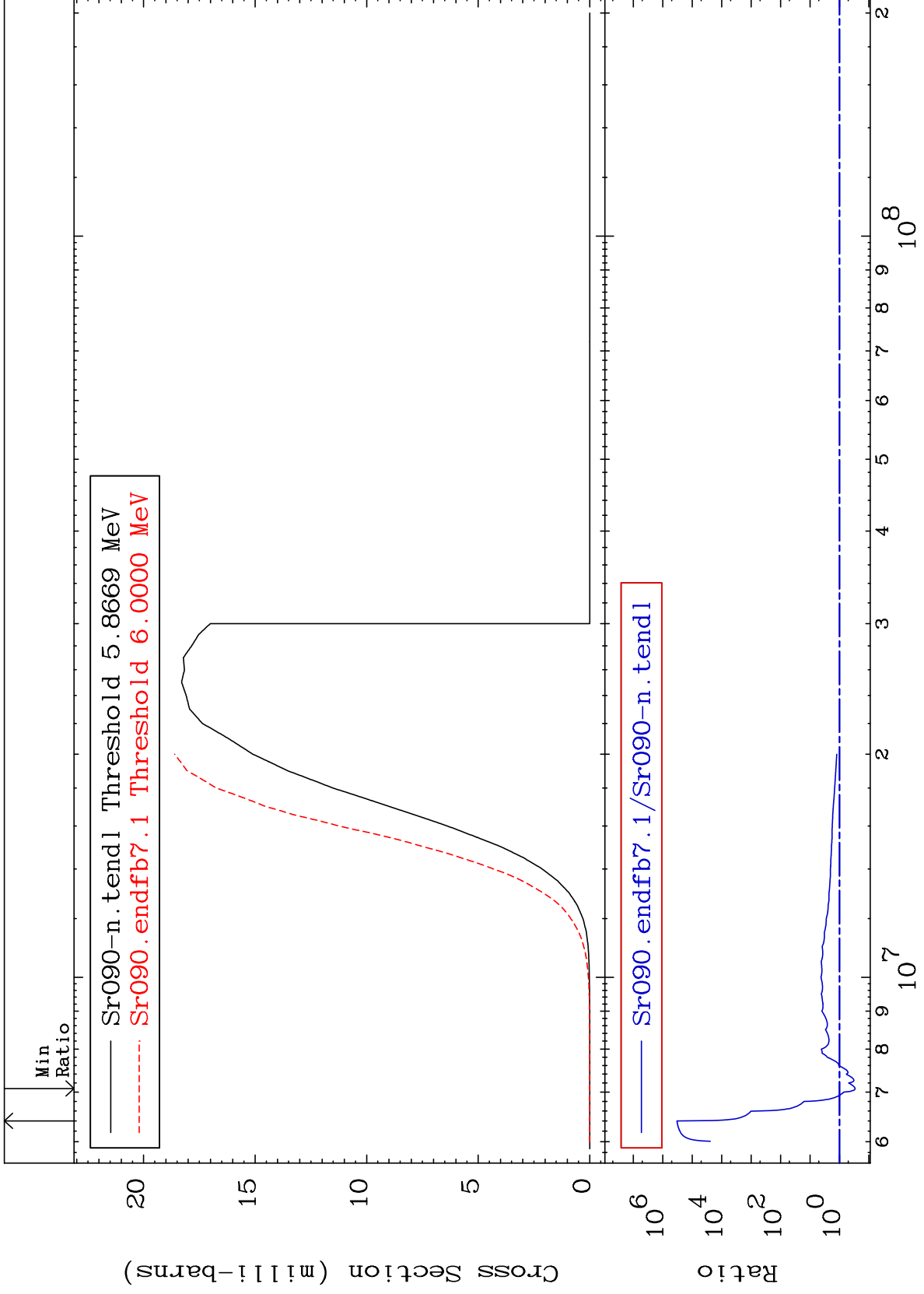
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,p)
Cross Section

38-Sr-90
-70.63 To 9999. %



16

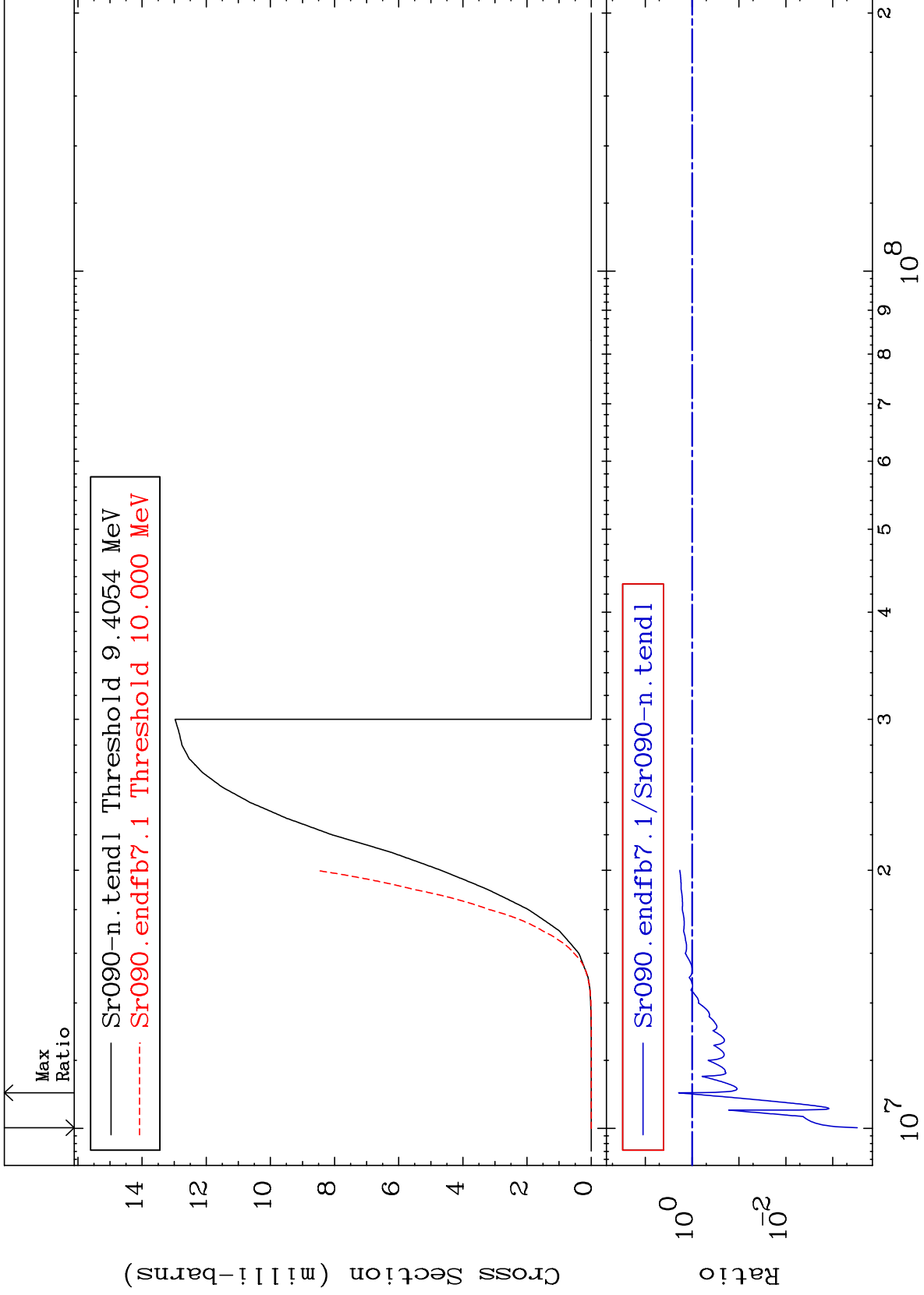
Incident Energy (eV)

38-Sr-90

MAT 3843

(n, d)
Cross Section

38-Sr-90
-99.97 To 93.58 %



17

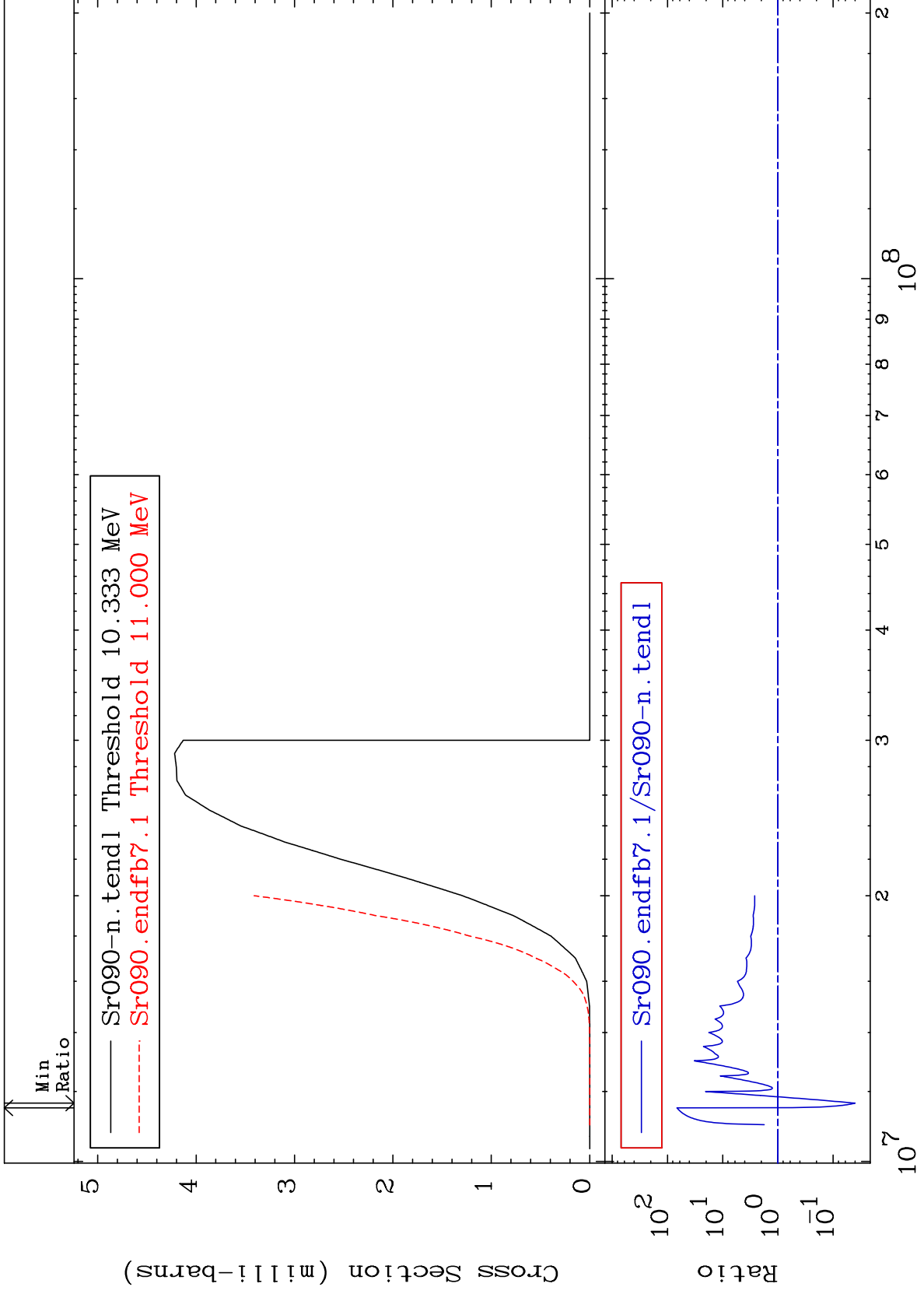
38-Sr-90

38-Sr-90

MAT 3843

(n, t)
Cross Section

38-Sr-90
-96.01 To 6635. %



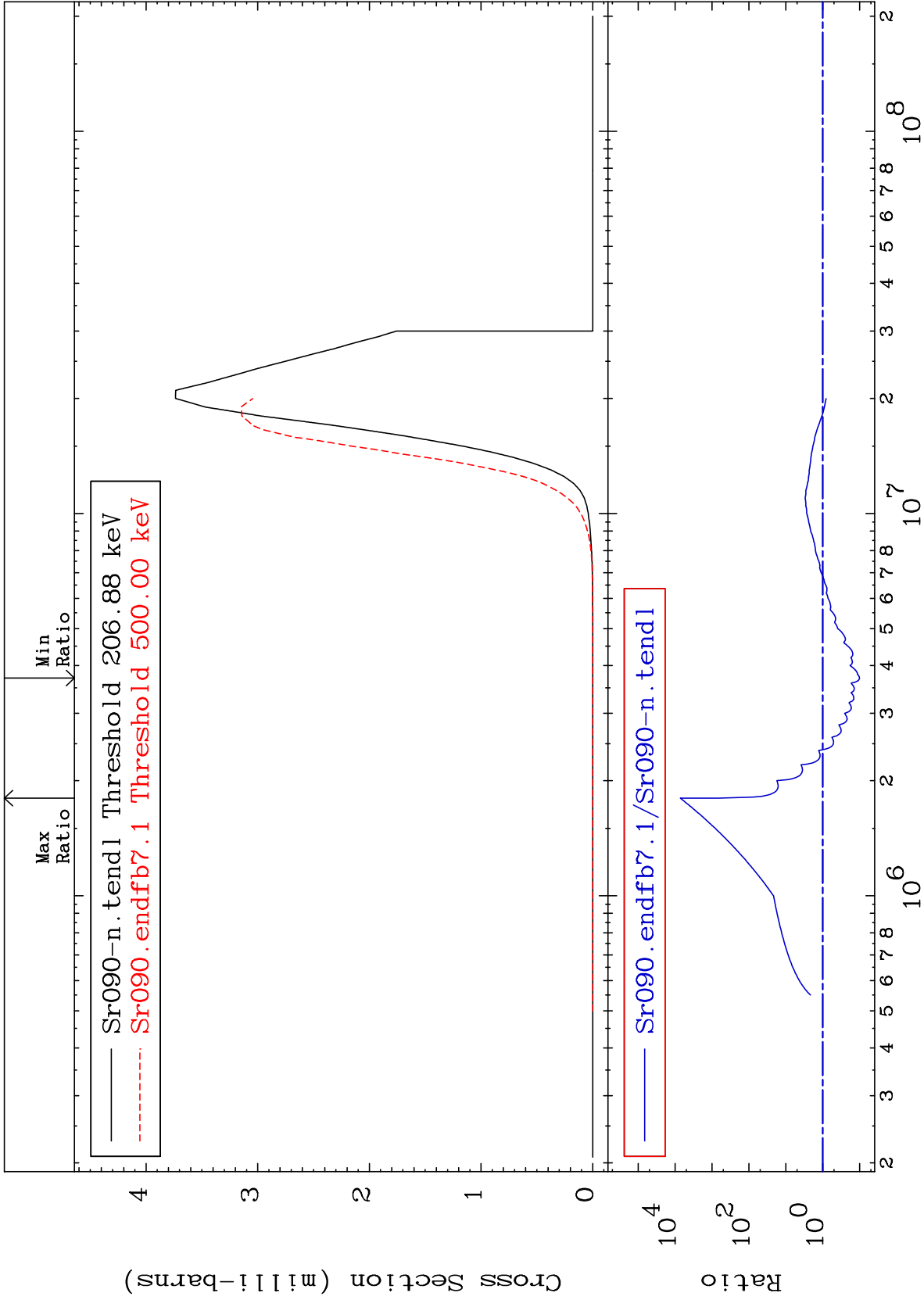
18

Incident Energy (eV)

38-Sr-90

MAT 3843

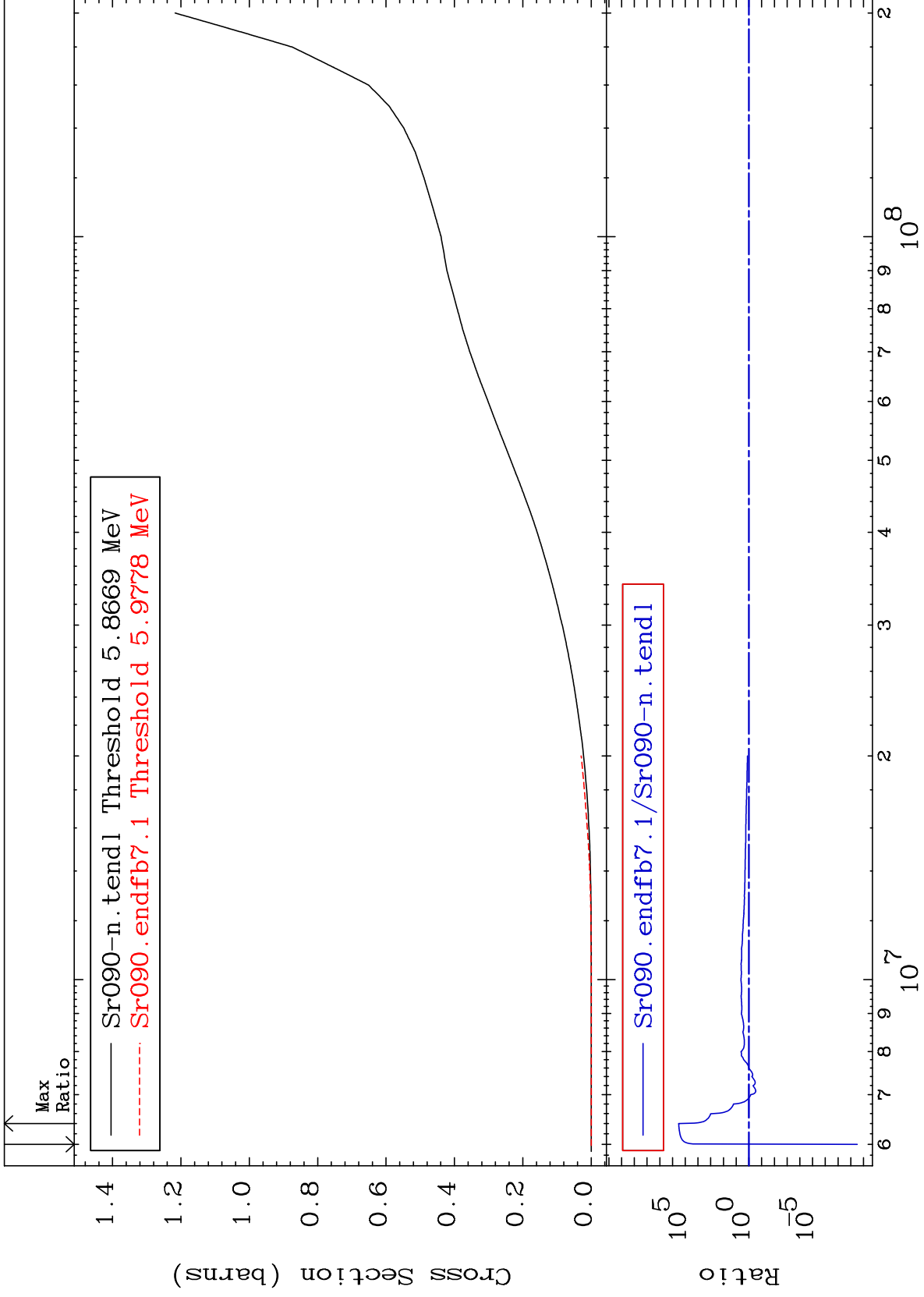
(n, α)
Cross Section
38-Sr-90
-89.82 To 9999. %



MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-100.0 To 9999. %



20

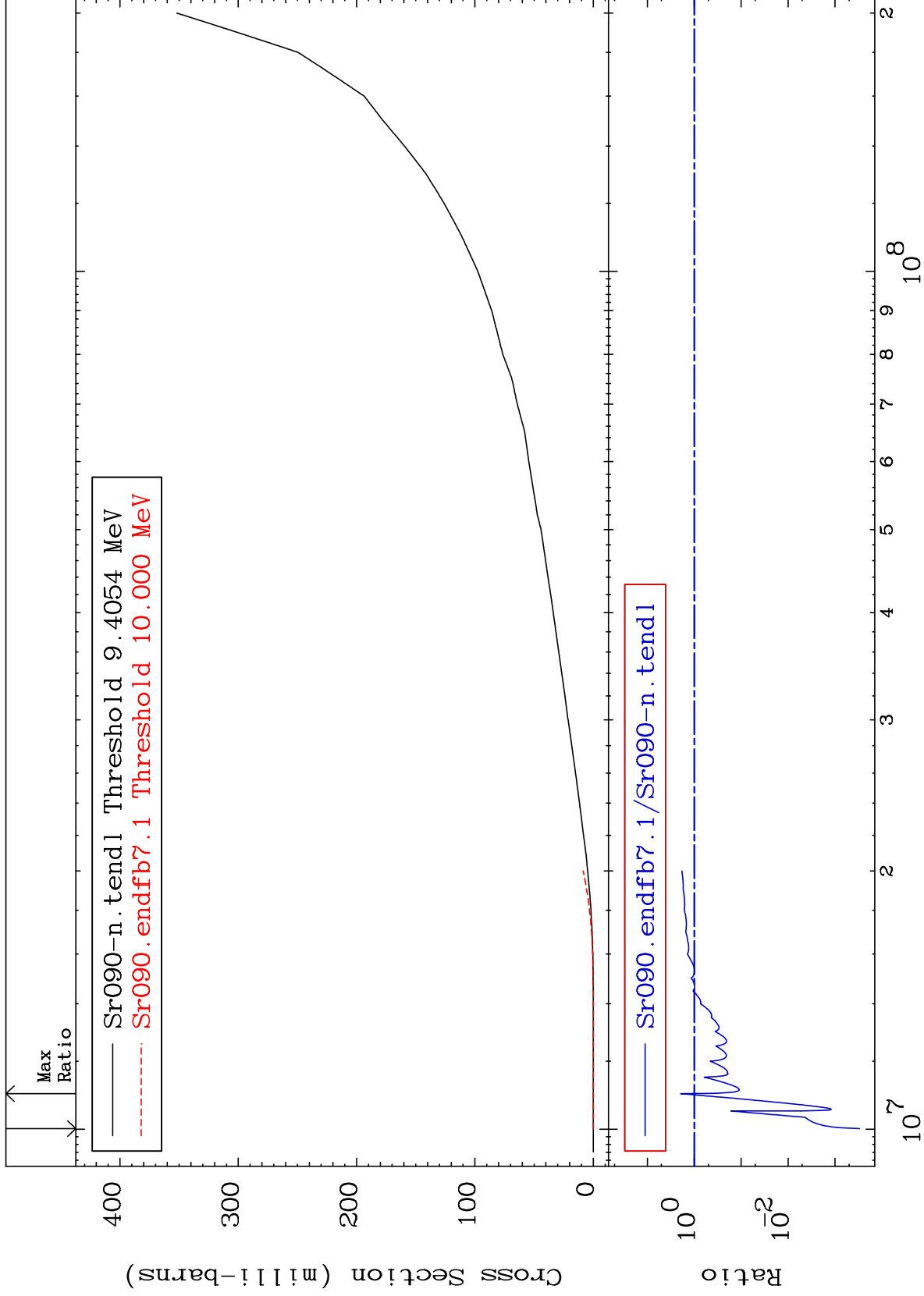
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-99.97 To 93.58 %



21

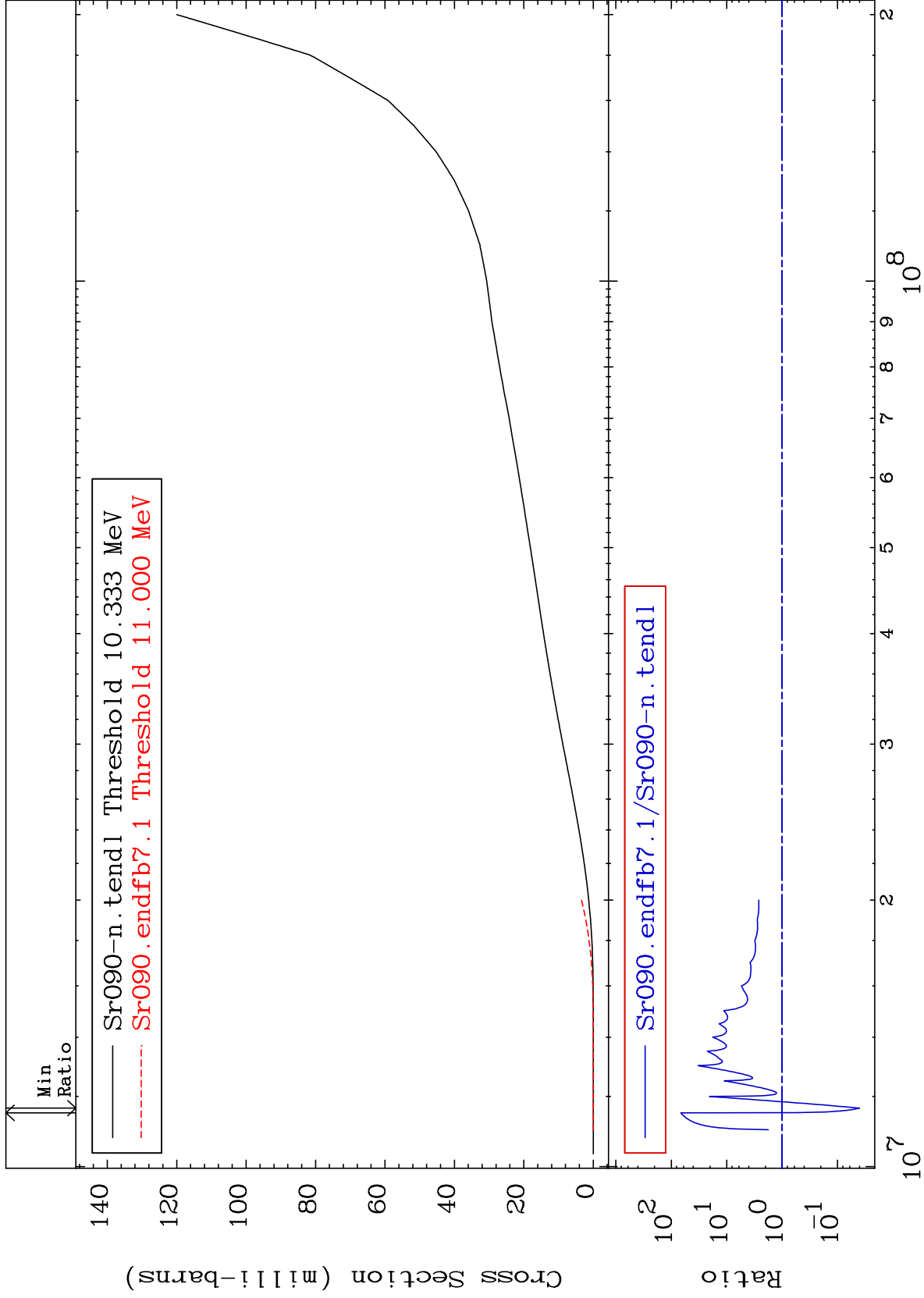
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

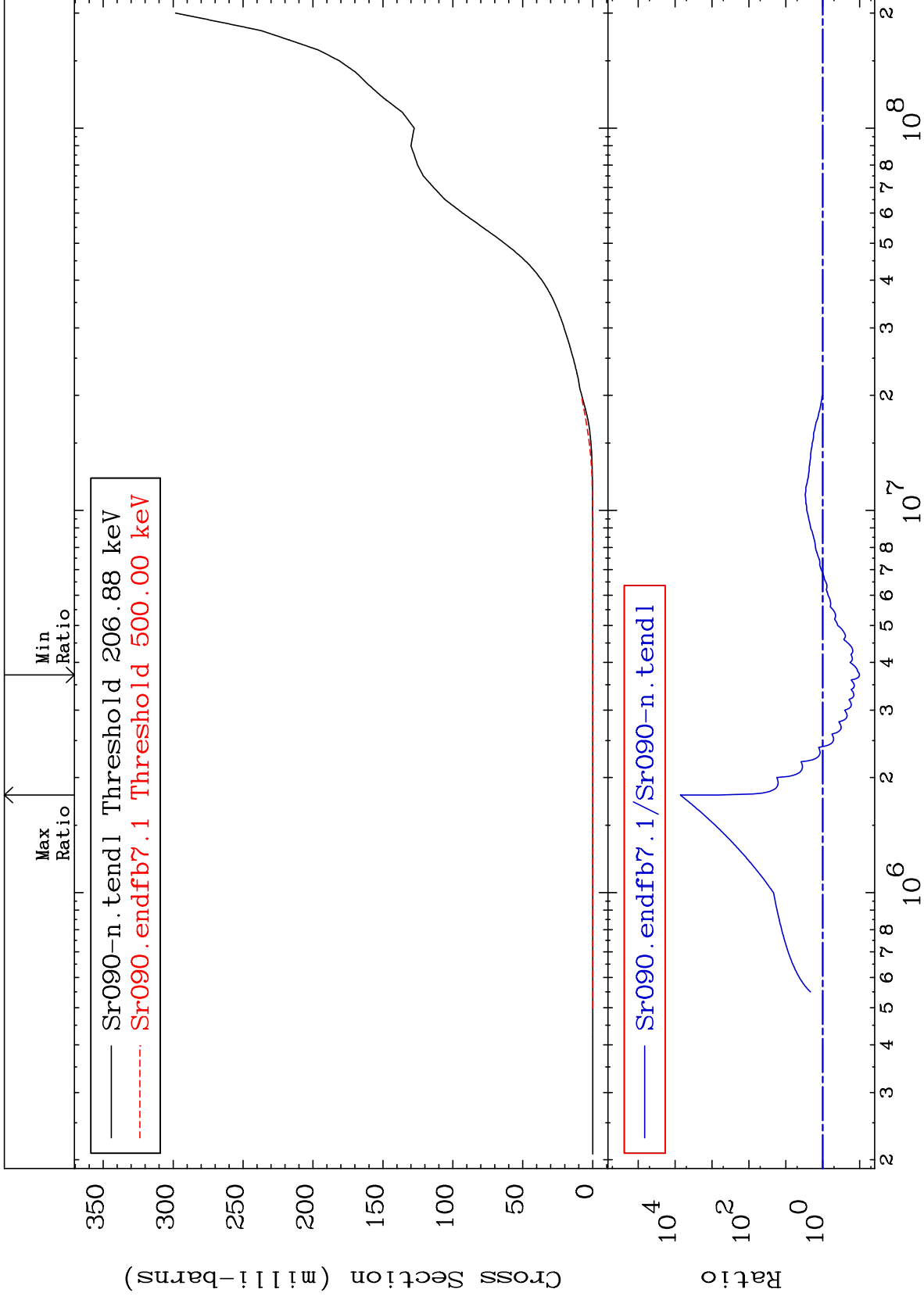
38-Sr-90
-96.01 To 6635. %

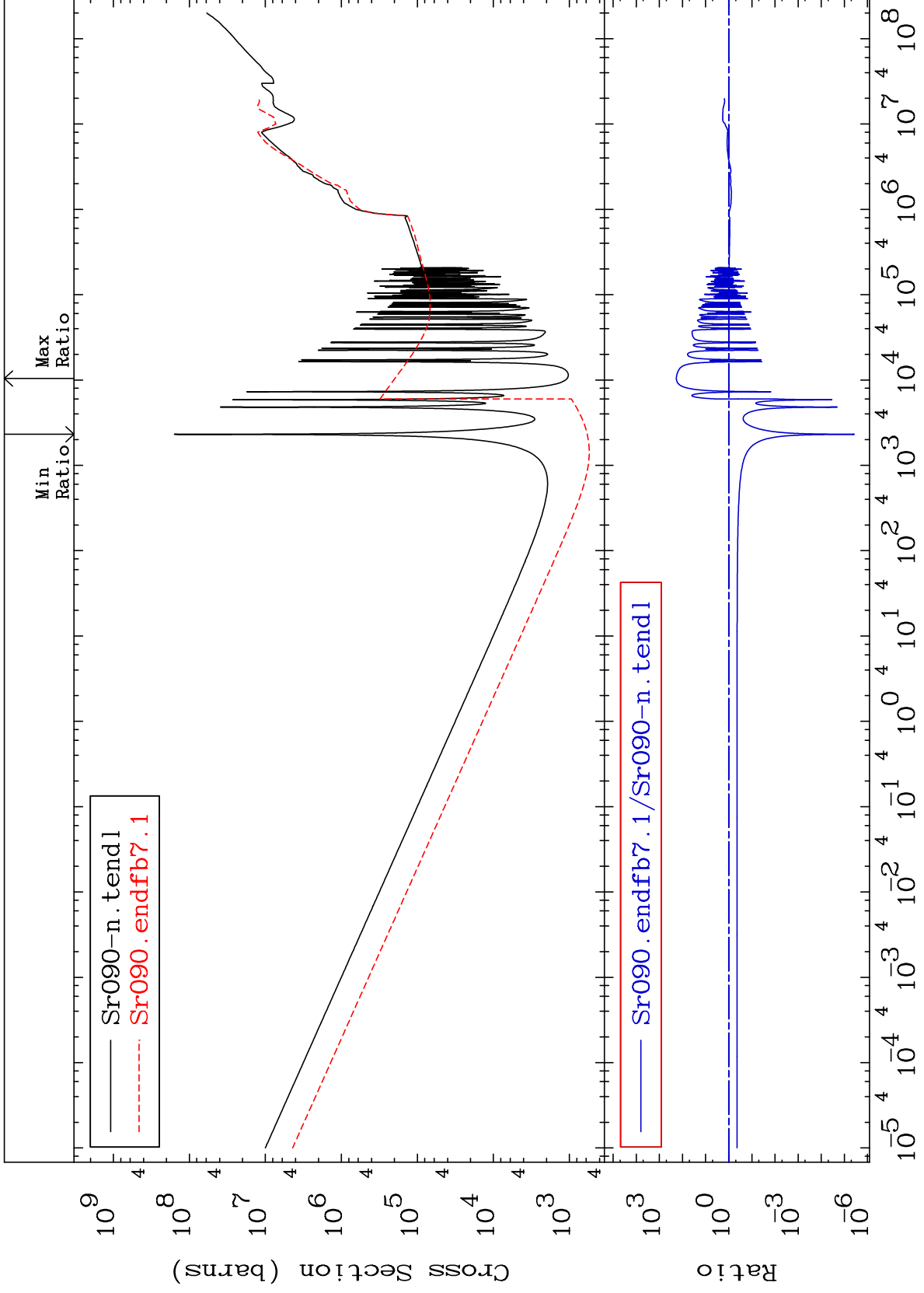


MAT 3843

He-4 Production
Cross Section

38-Sr-90
-89.82 To 9999. %

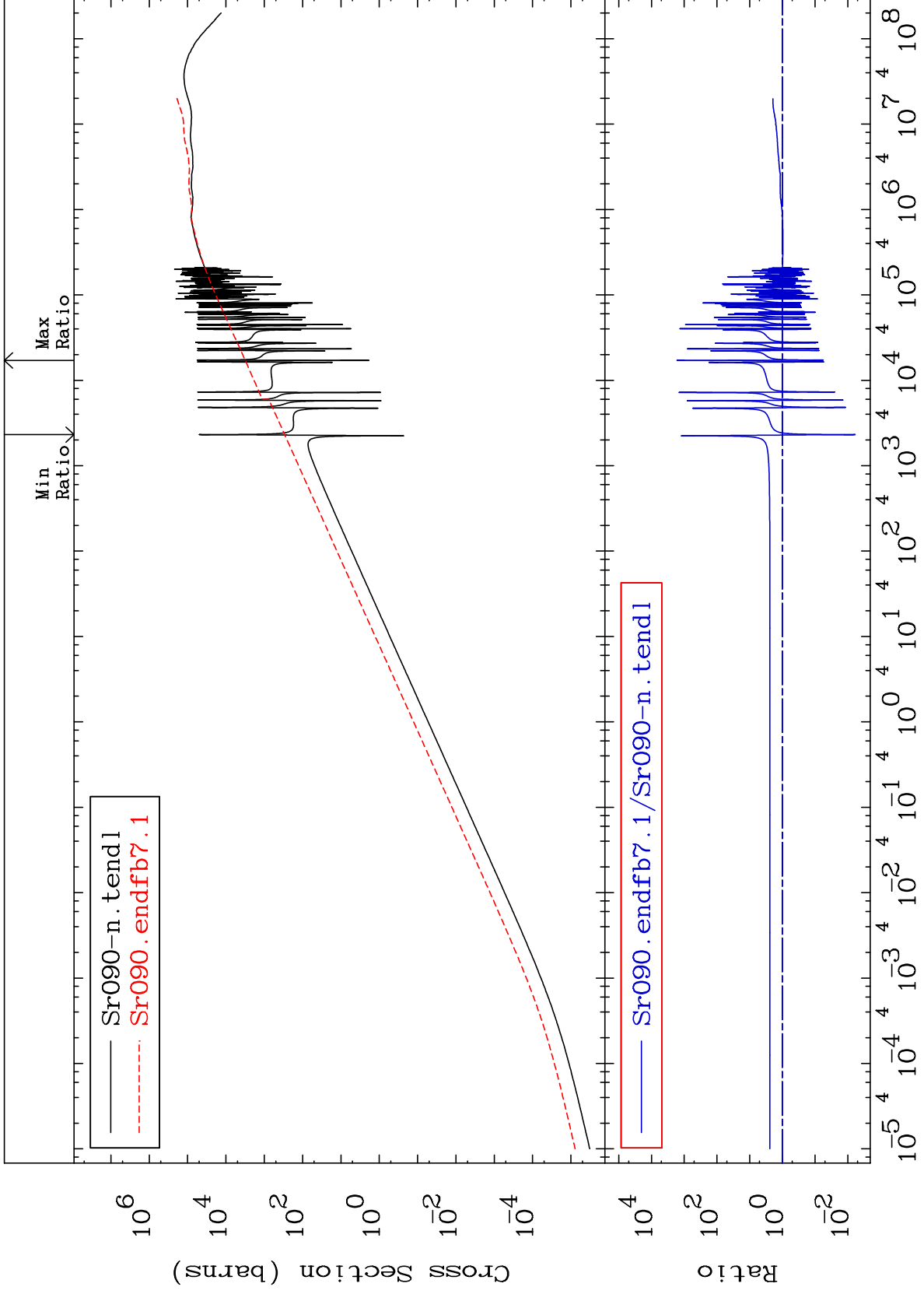


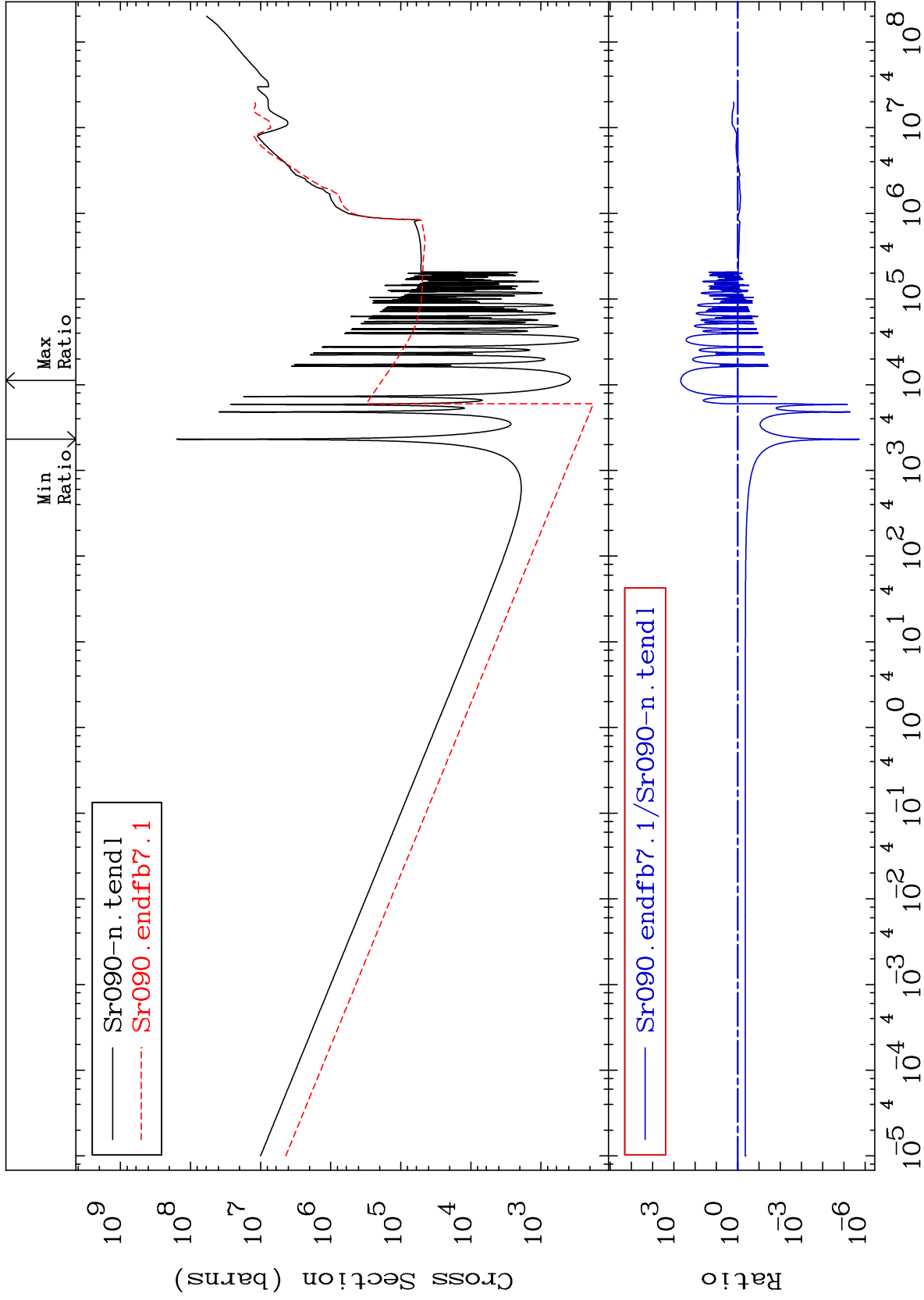


MAT 3843

Kerma elastic
Cross Section

38-Sr-90
-99.40 To 9999. %





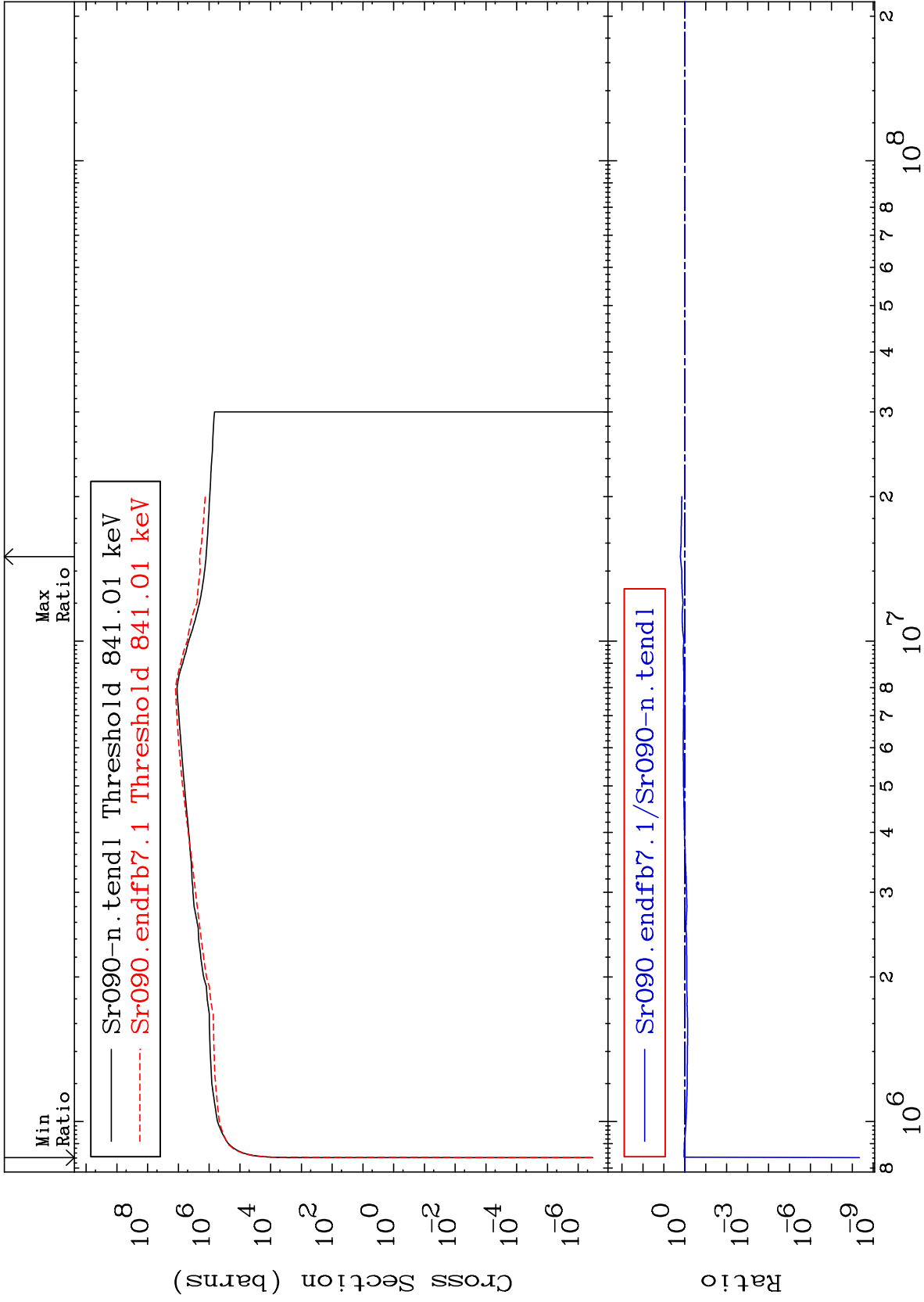
— Sr090-n.tendl
- - - Sr090.endfb7.1

— Sr090.endfb7.1/Sr090-n.tendl

MAT 3843

Kerma inelastic (mt51-91)
Cross Section

38-Sr-90
-100.0 To 62.80 %



27

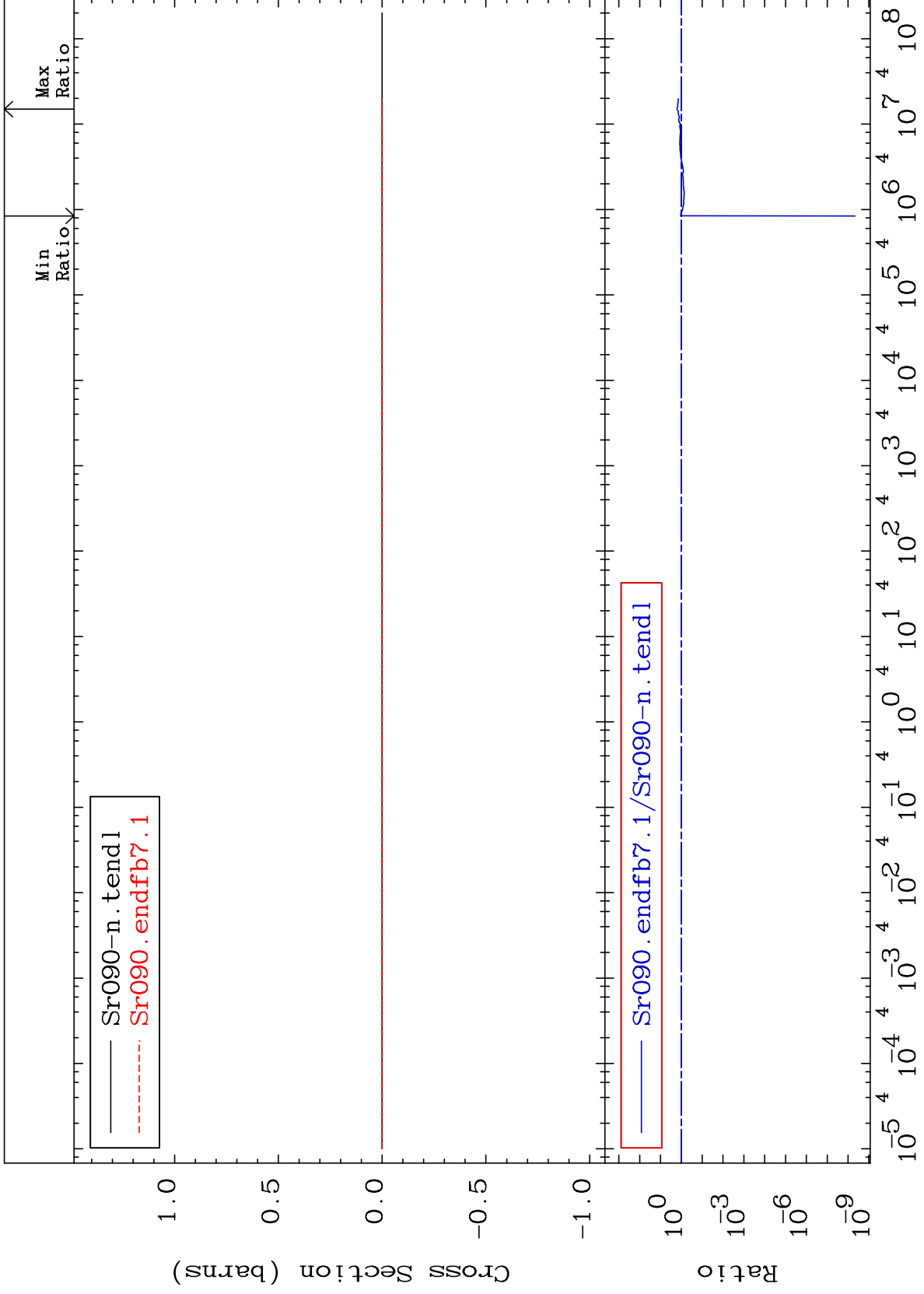
Incident Energy (eV)

38-Sr-90

MAT 3843

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

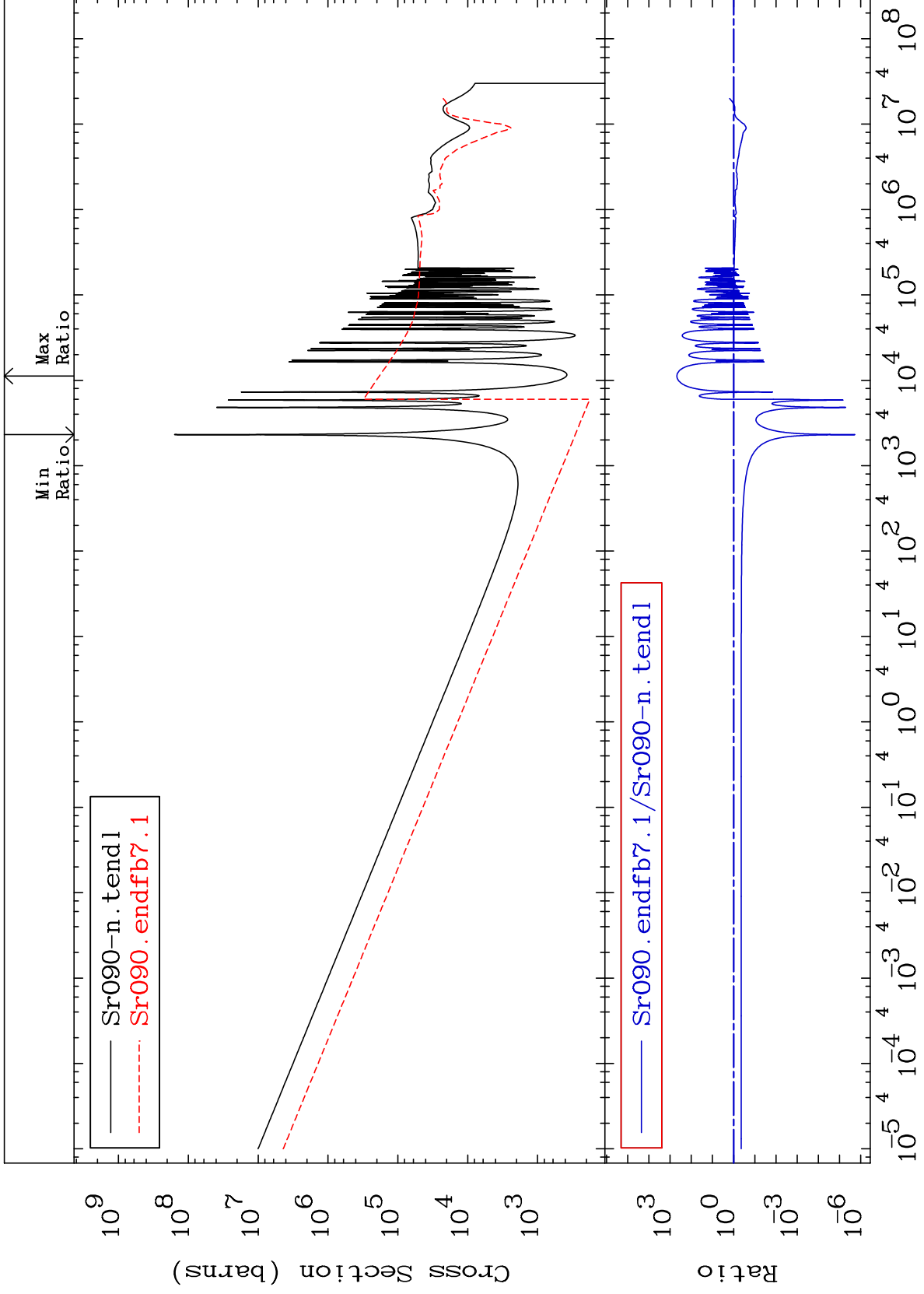
38-Sr-90
-100.0 To 62.80 %



MAT 3843

Kerma capture (mt102)
Cross Section

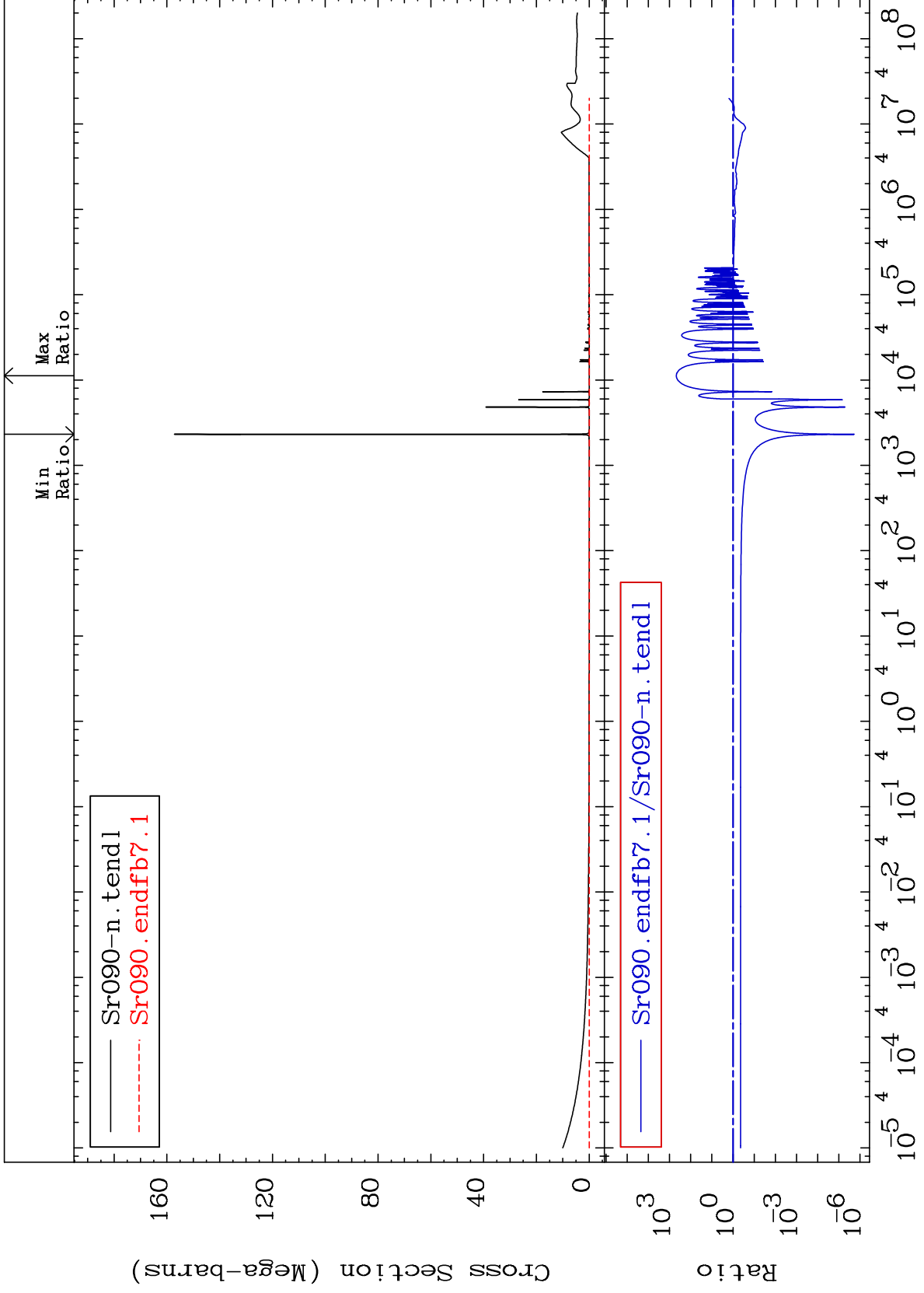
38-Sr-90
-100.0 To 9999. %



MAT 3843

Total photon (eV-barns)
Cross Section

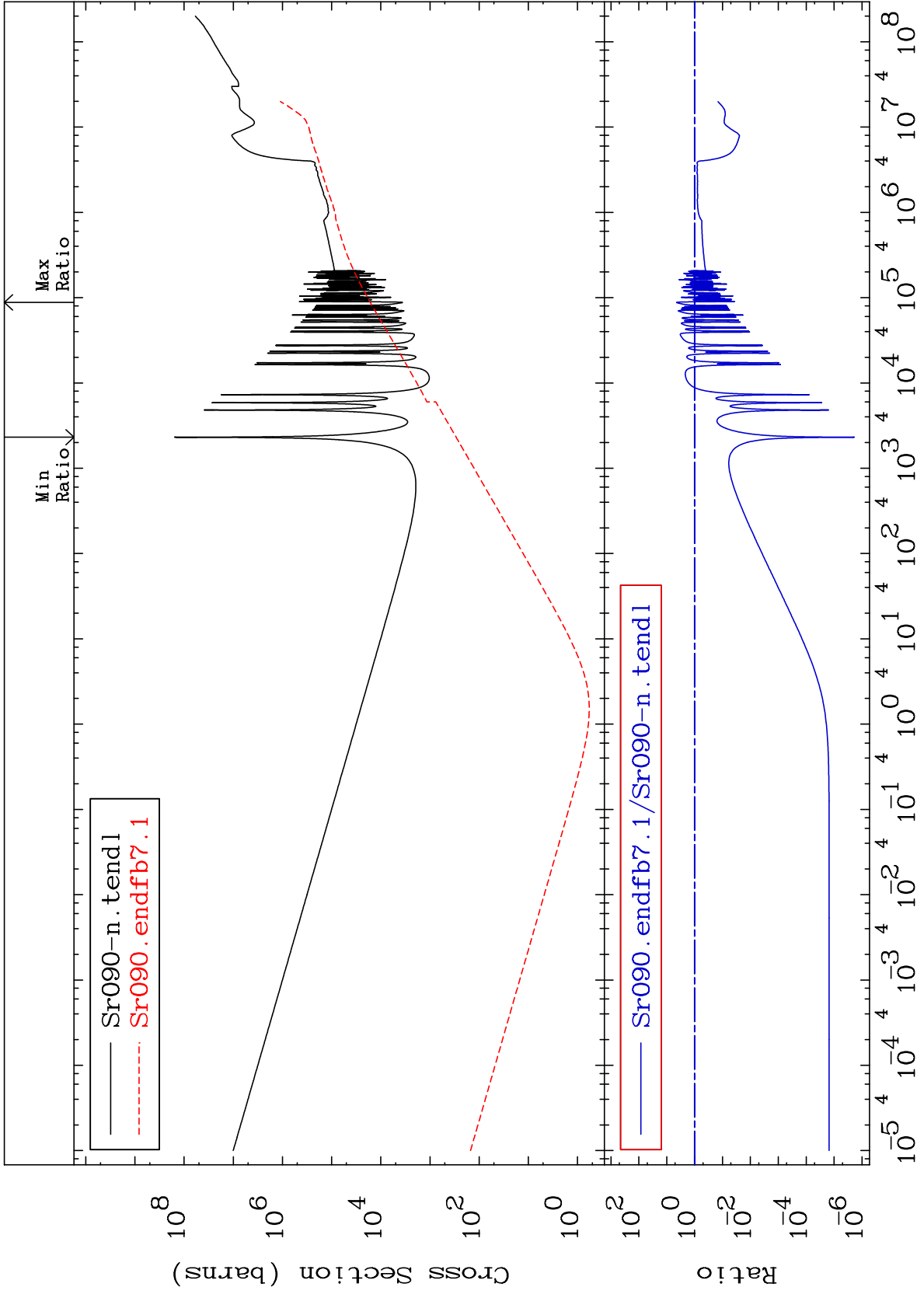
38-Sr-90
-100.0 To 9999. %



30

Incident Energy (eV)

38-Sr-90



MAT 3843

Dpa total (eV-barns)
Cross Section

38-Sr-90
-99.42 To 9999. %

