

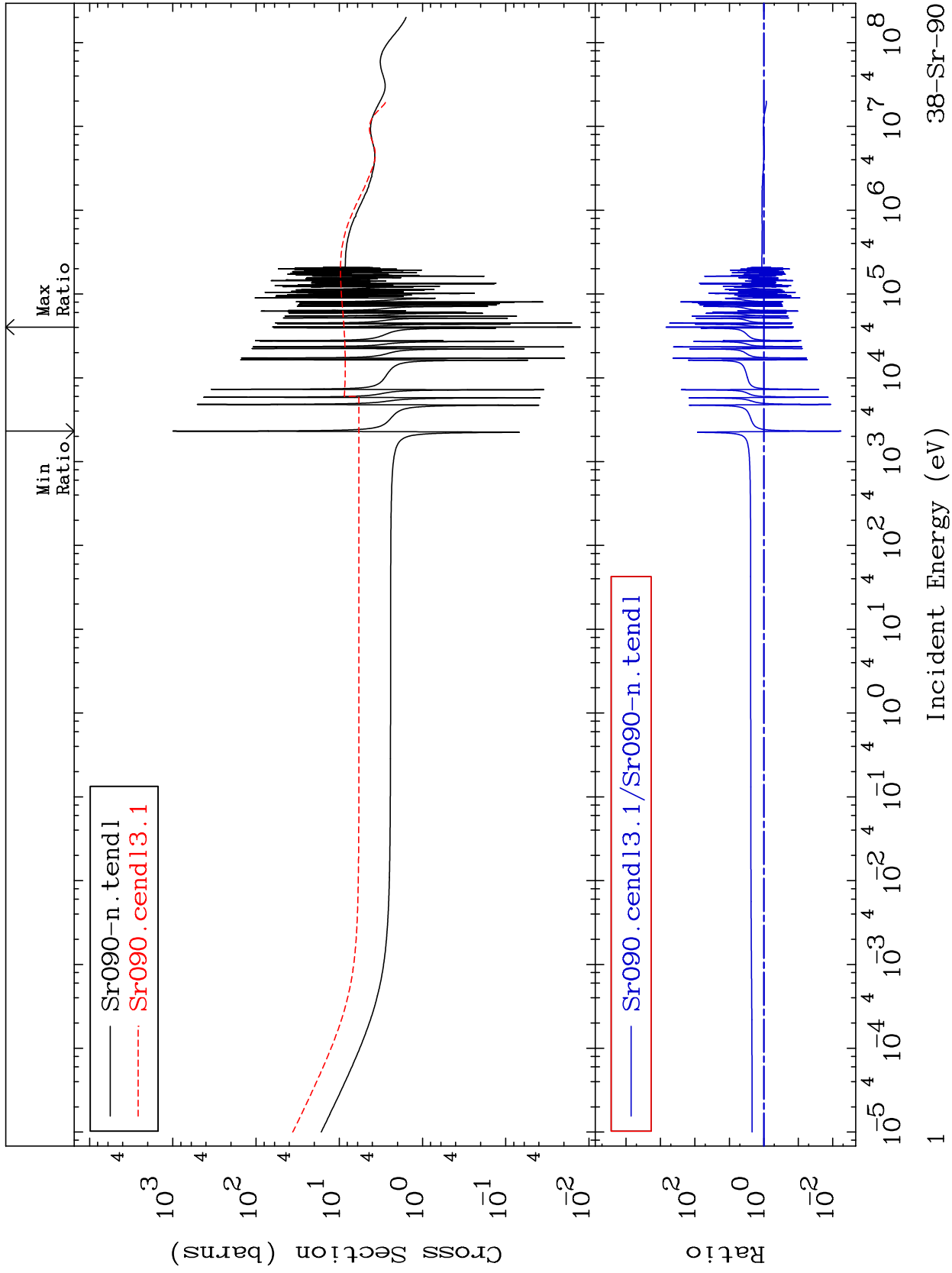
MAT 3843

Total

38-Sr-90

Cross Section

-99.42 To 9999. %



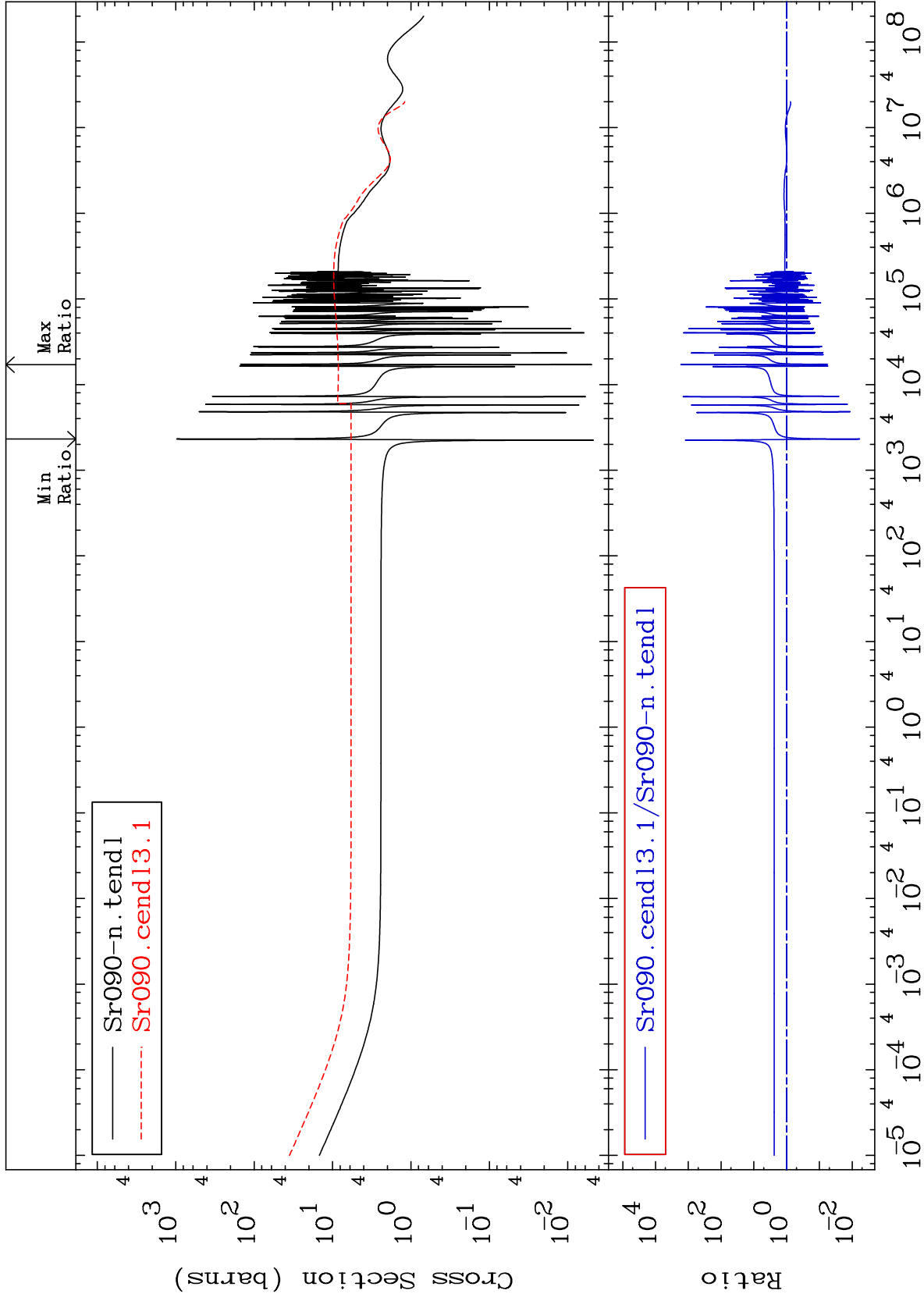
MAT 3843

Elastic

Cross Section

38-Sr-90

-99.40 To 9999. %



2

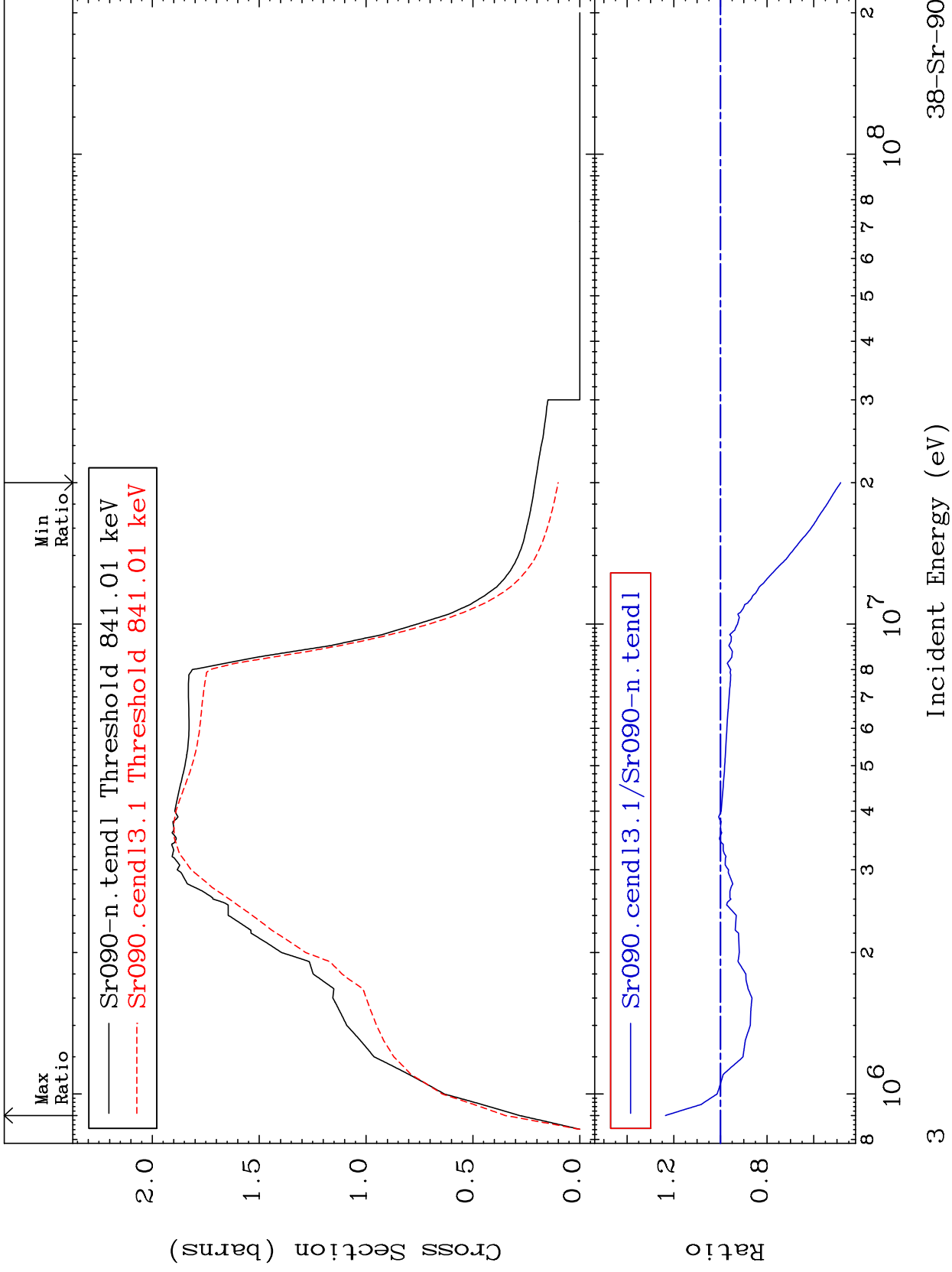
Incident Energy (eV)

38-Sr-90

MAT 3843

Inelastic
Cross Section

38-Sr-90
-51.54 To 23.57 %



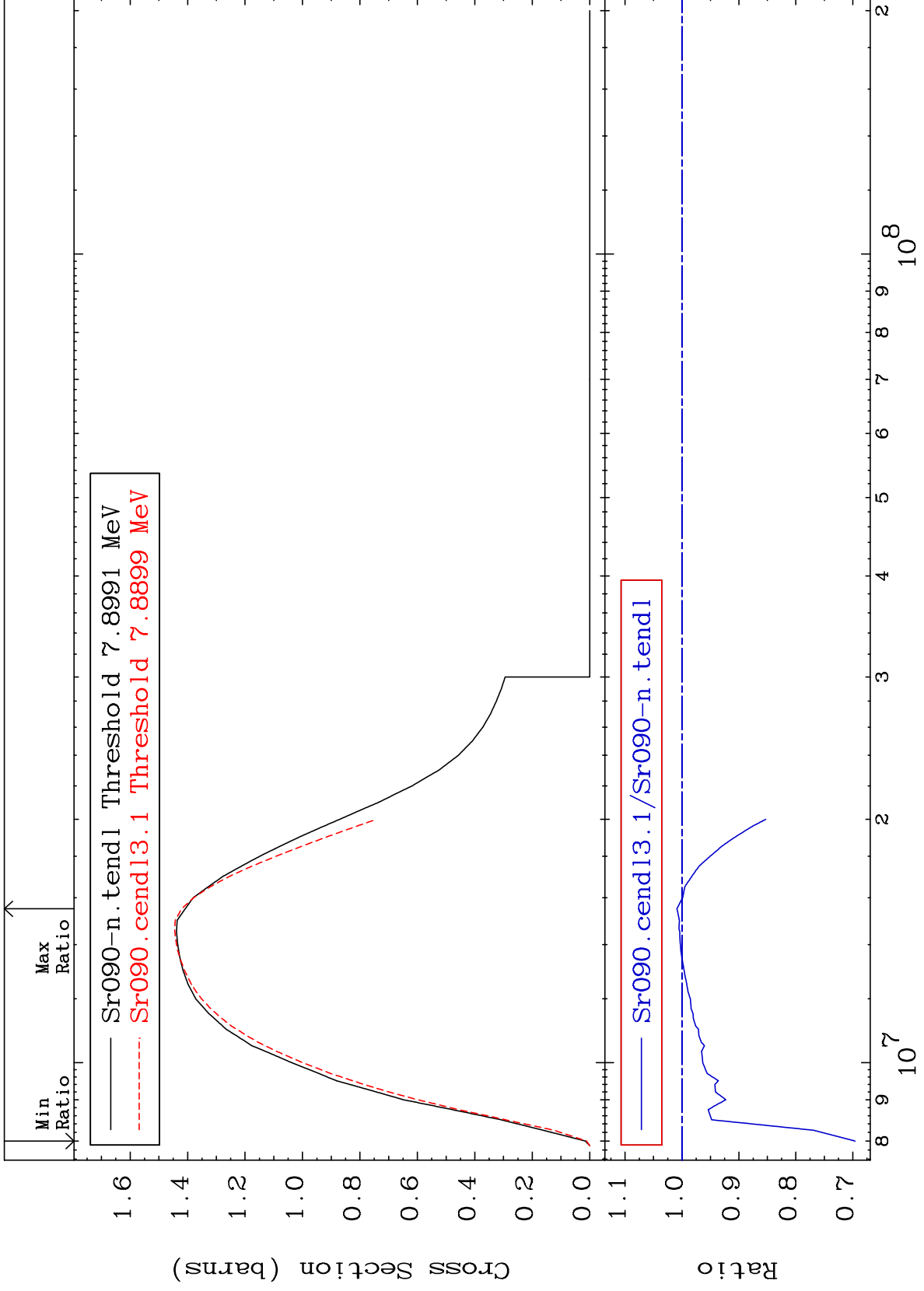
MAT 3843

(n,2n)

38-Sr-90

Cross Section

-30.41 To 0.891 %



4

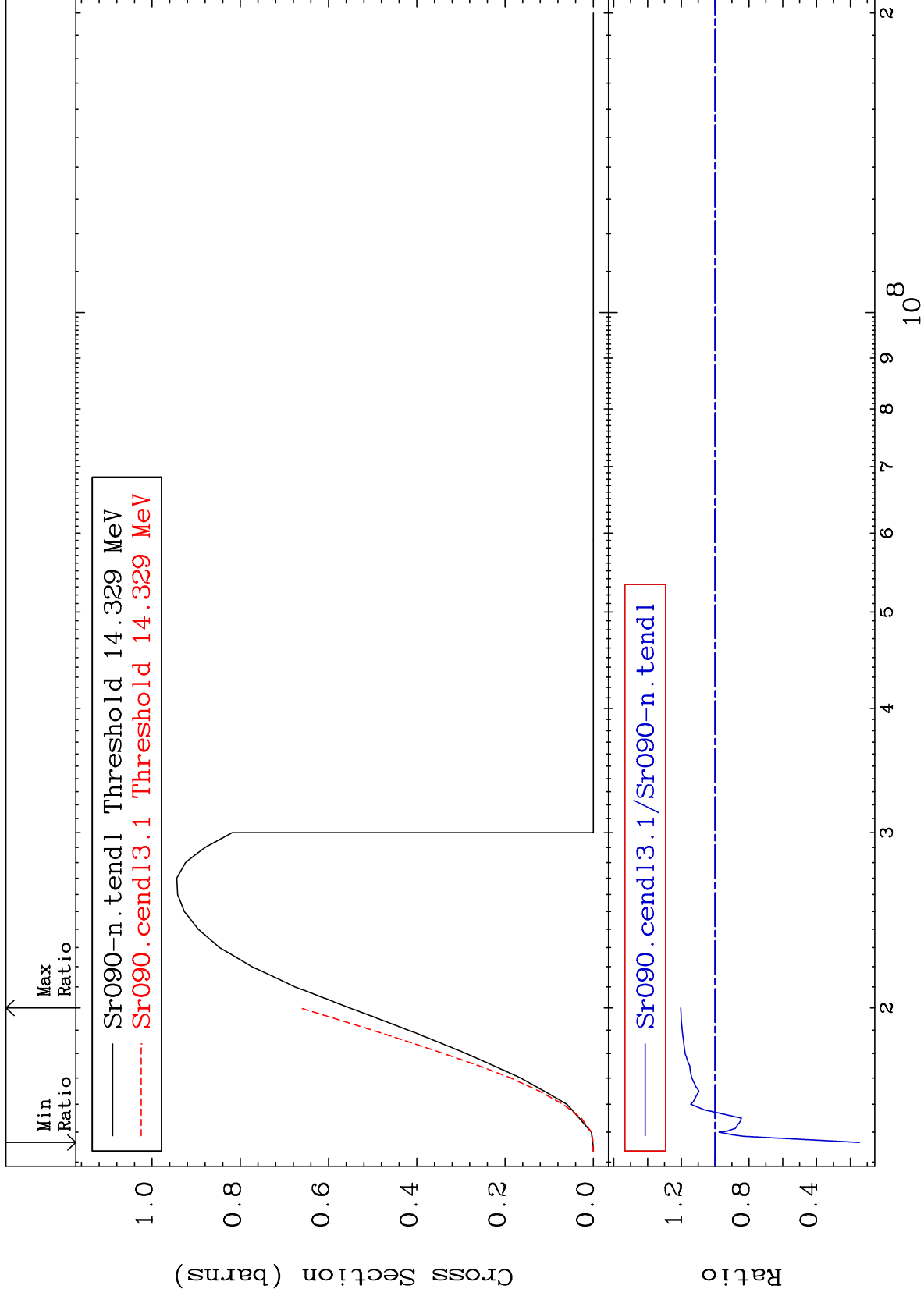
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,3n)
Cross Section

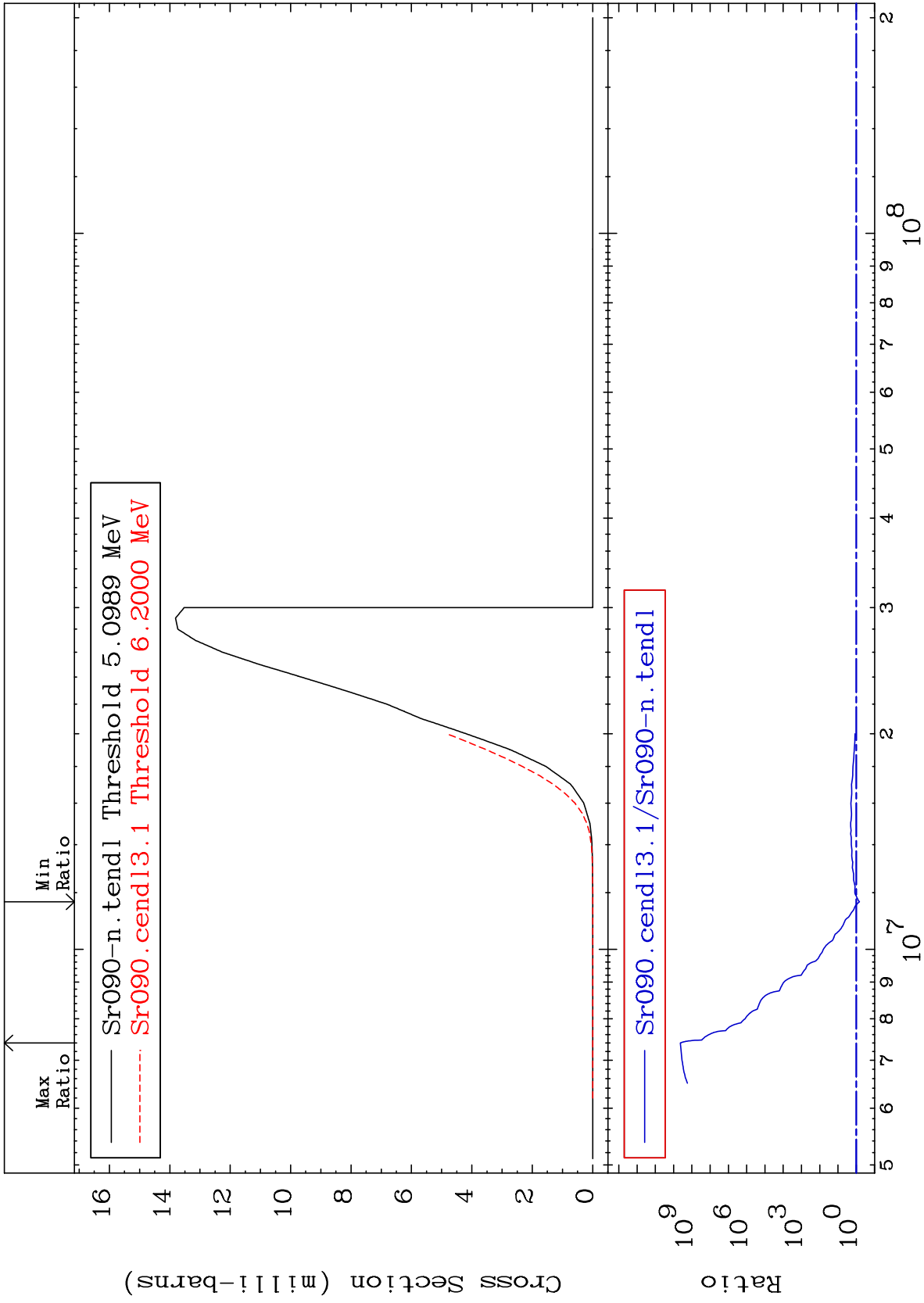
38-Sr-90
-85.45 To 20.33 %



MAT 3843

(n, n') α
Cross Section

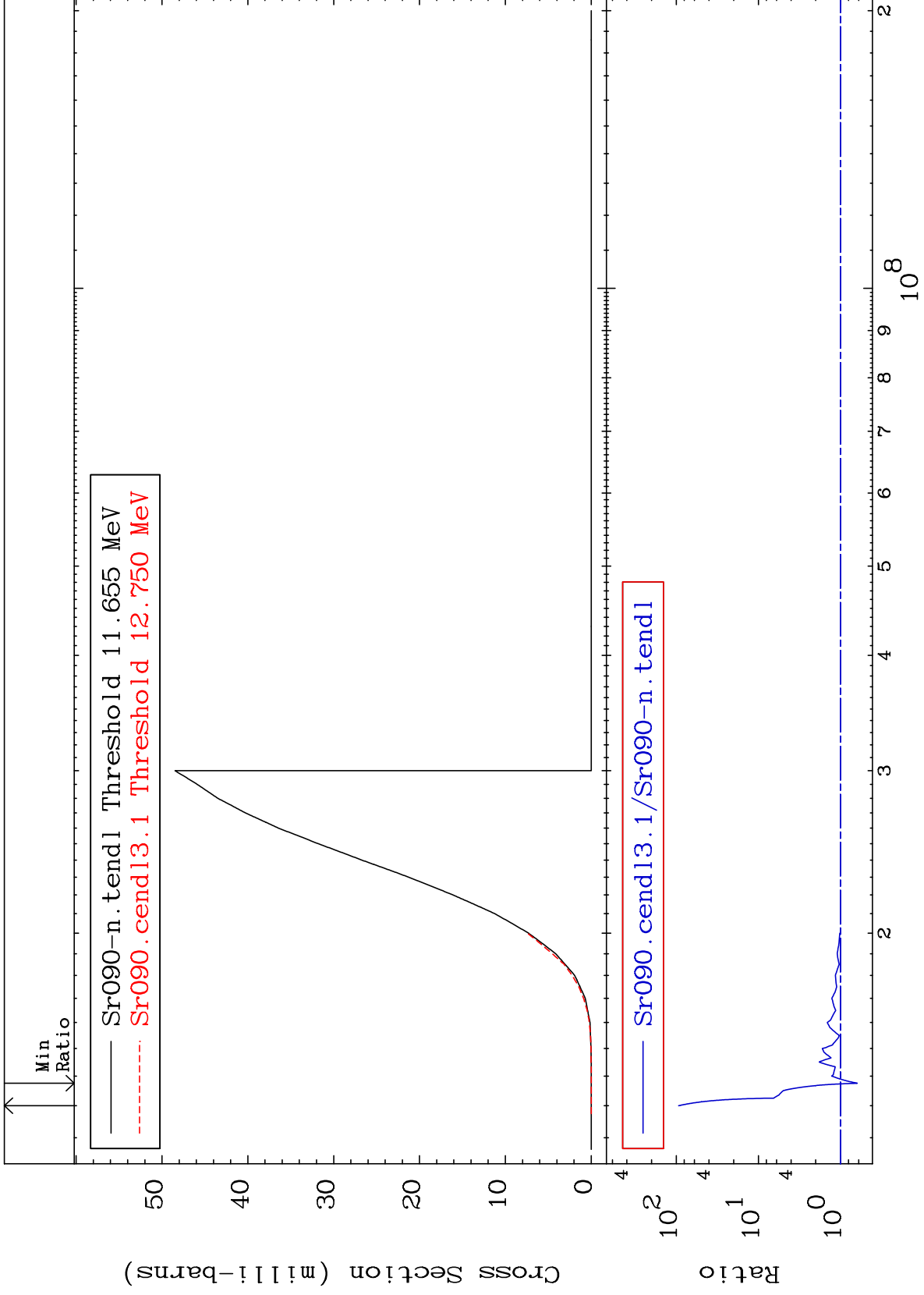
38-Sr-90
-32.92 To 9999. %



MAT 3843

(n,n') p
Cross Section

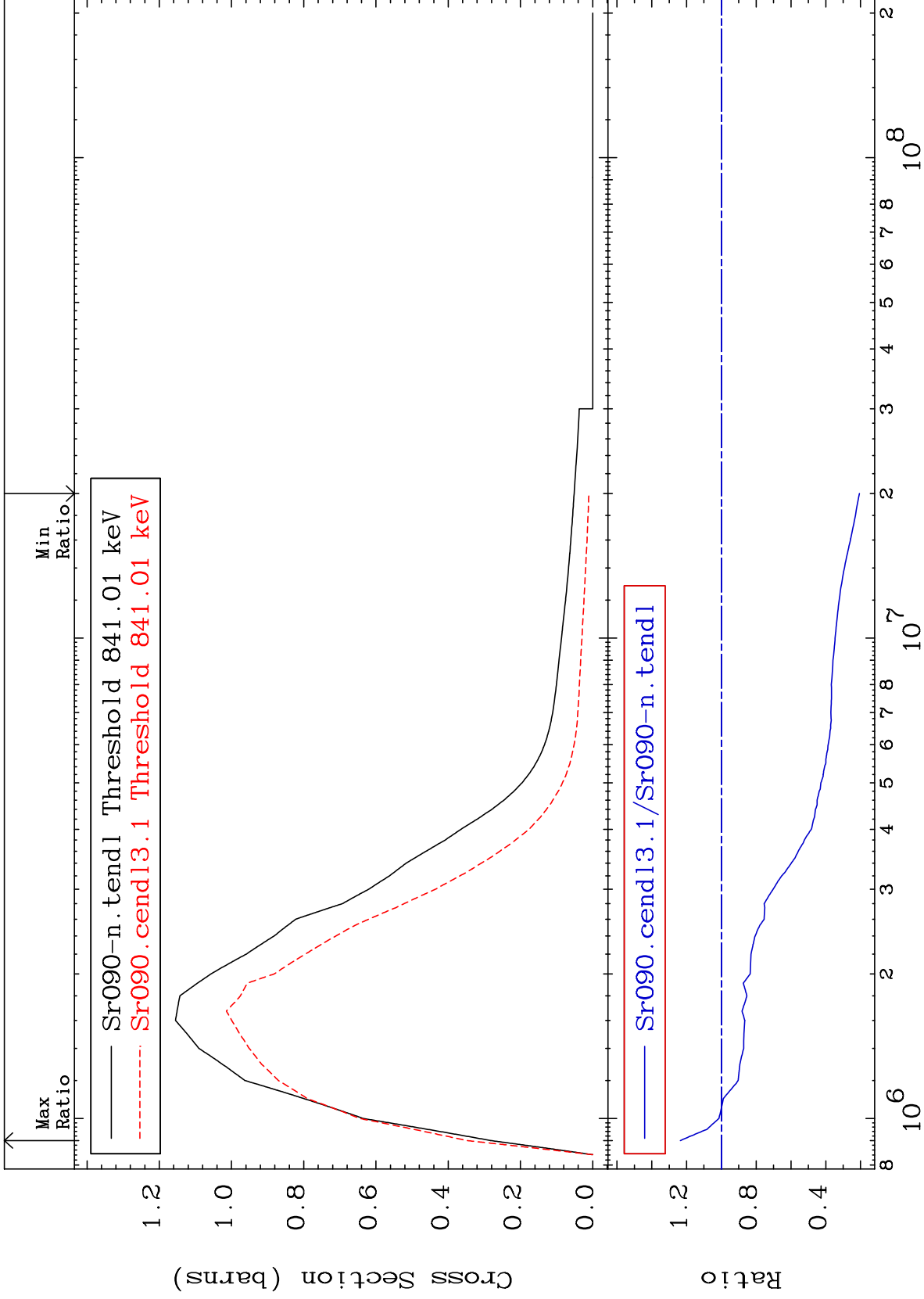
38-Sr-90
-37.57 To 9253. %



MAT 3843

831.7 keV (n,n') Level
Cross Section

38-Sr-90
-79.34 To 23.57 %



8

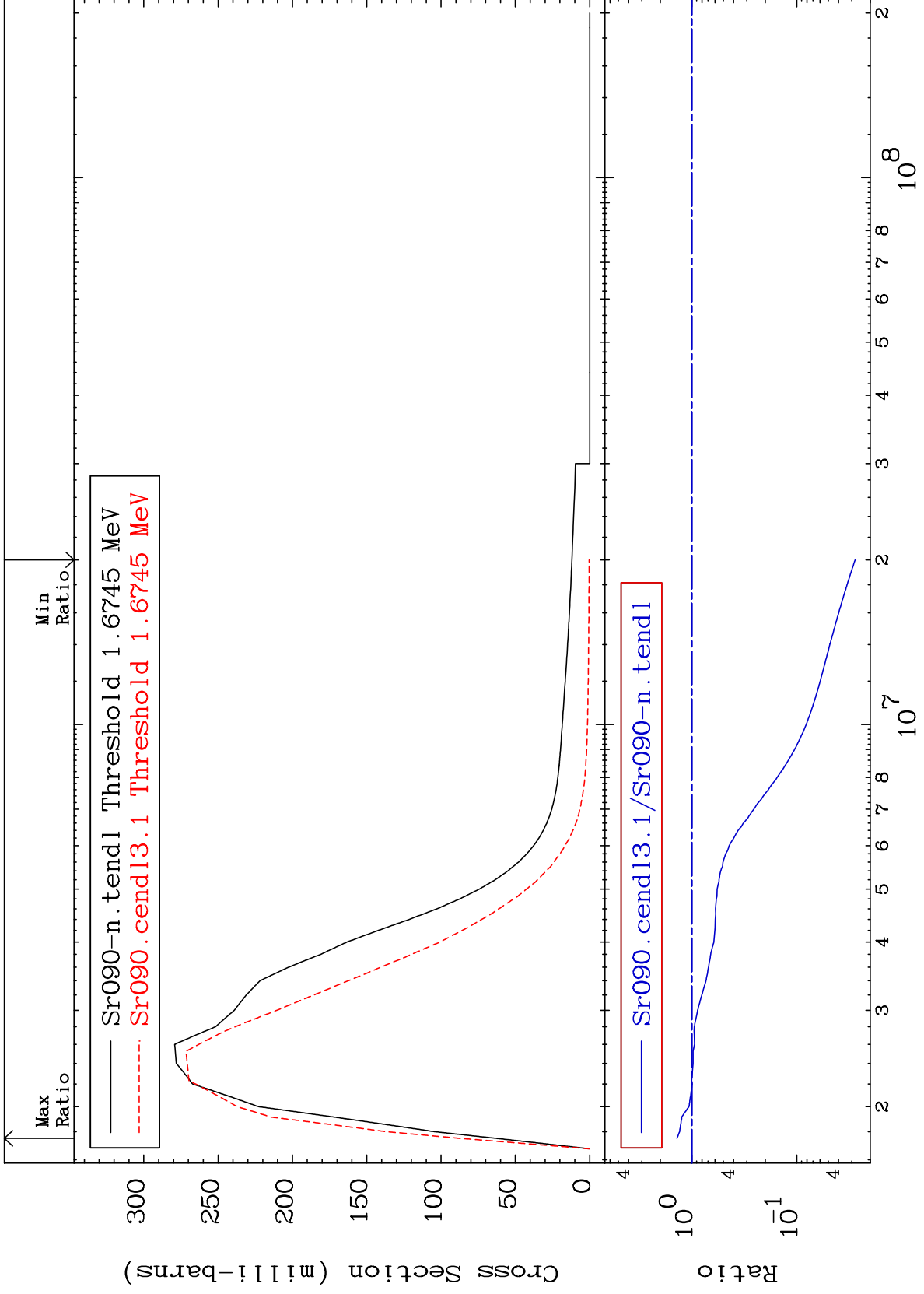
38-Sr-90

38-Sr-90

MAT 3843

1.656 MeV (n,n') Level
Cross Section

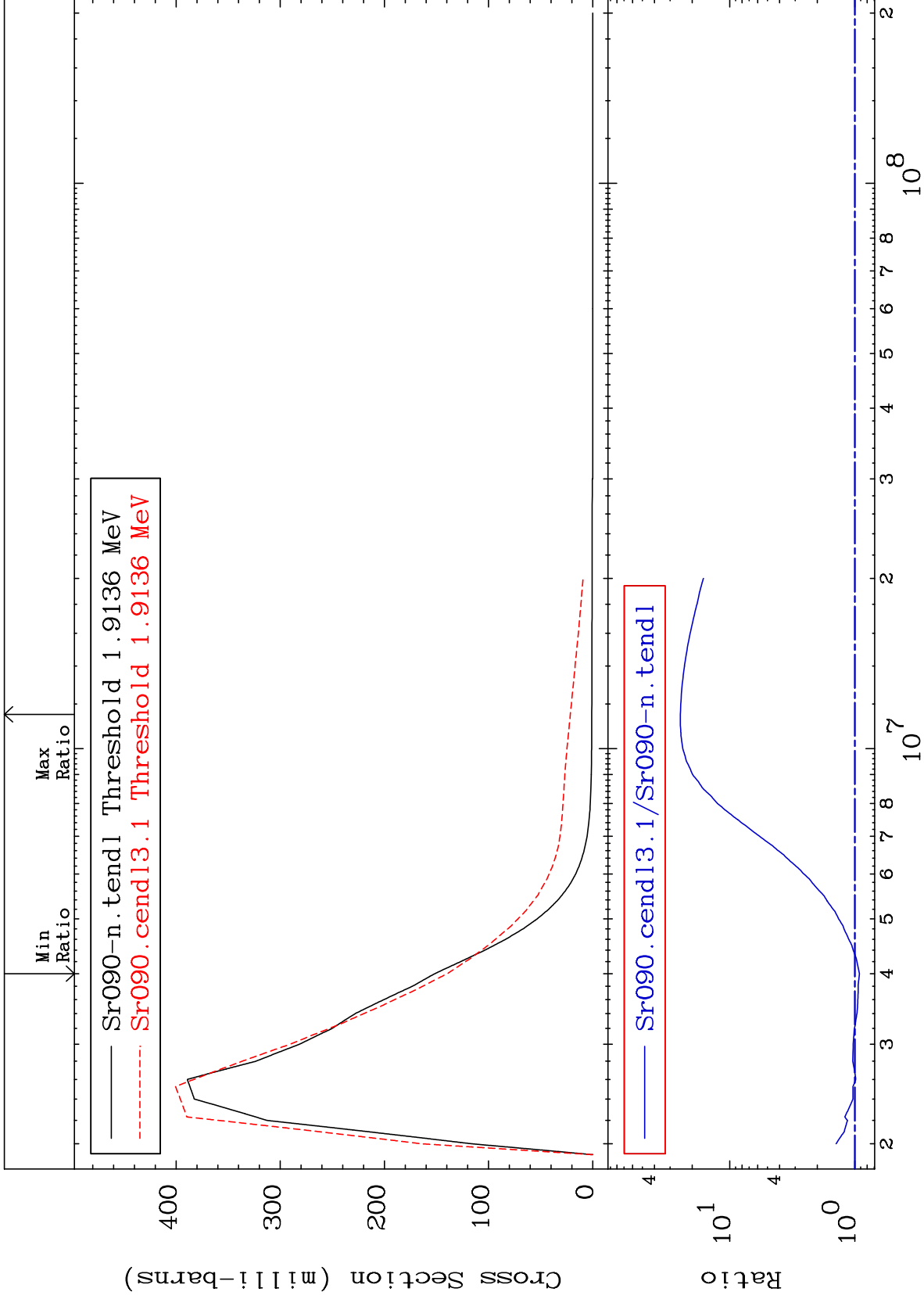
38-Sr-90
-97.22 To 38.64 %



MAT 3843

1.892 MeV (n,n') Level
Cross Section

38-Sr-90
-7.945 To 2386. %



10

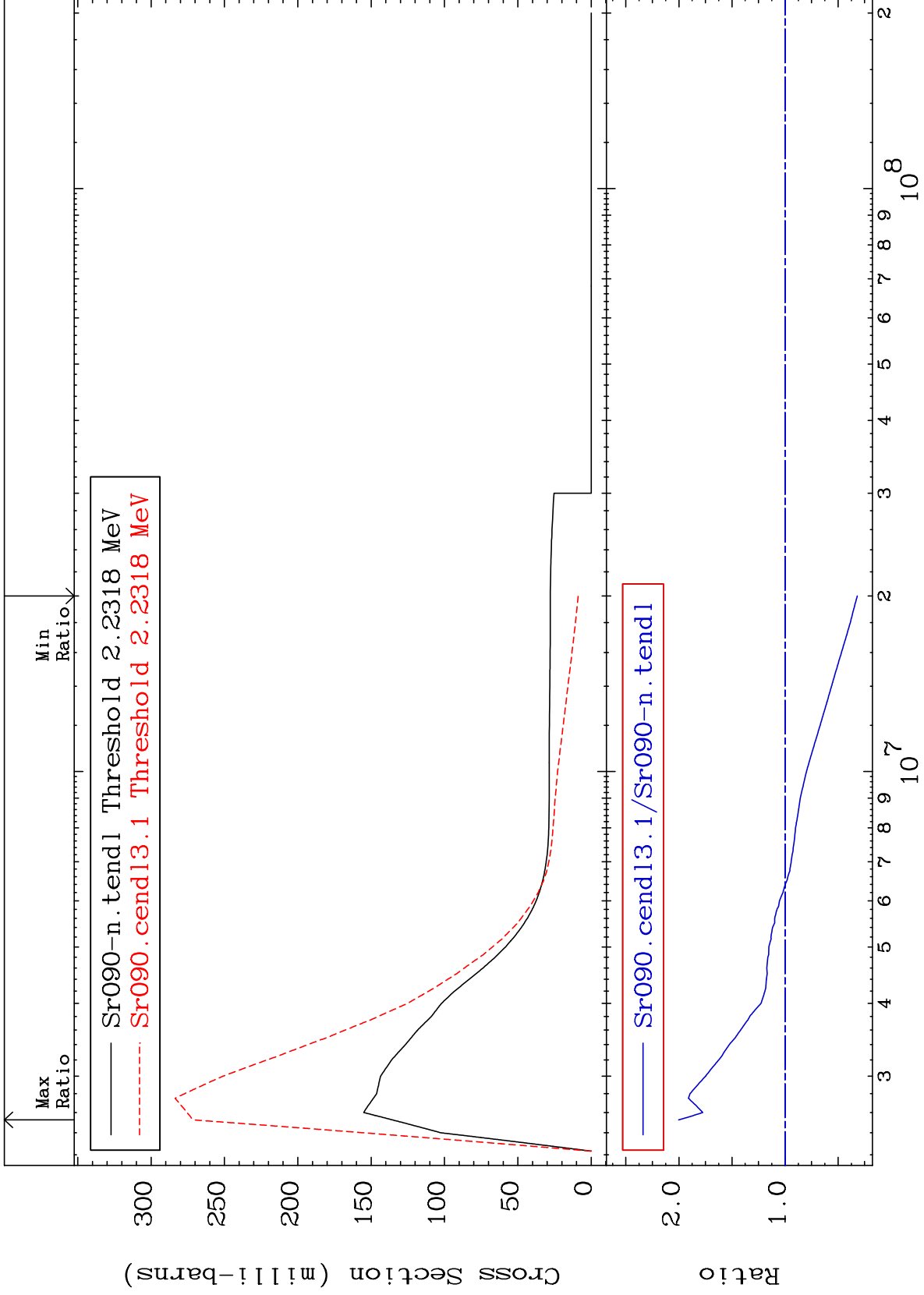
Incident Energy (eV)

38-Sr-90

MAT 3843

2.207 MeV (n,n') Level
Cross Section

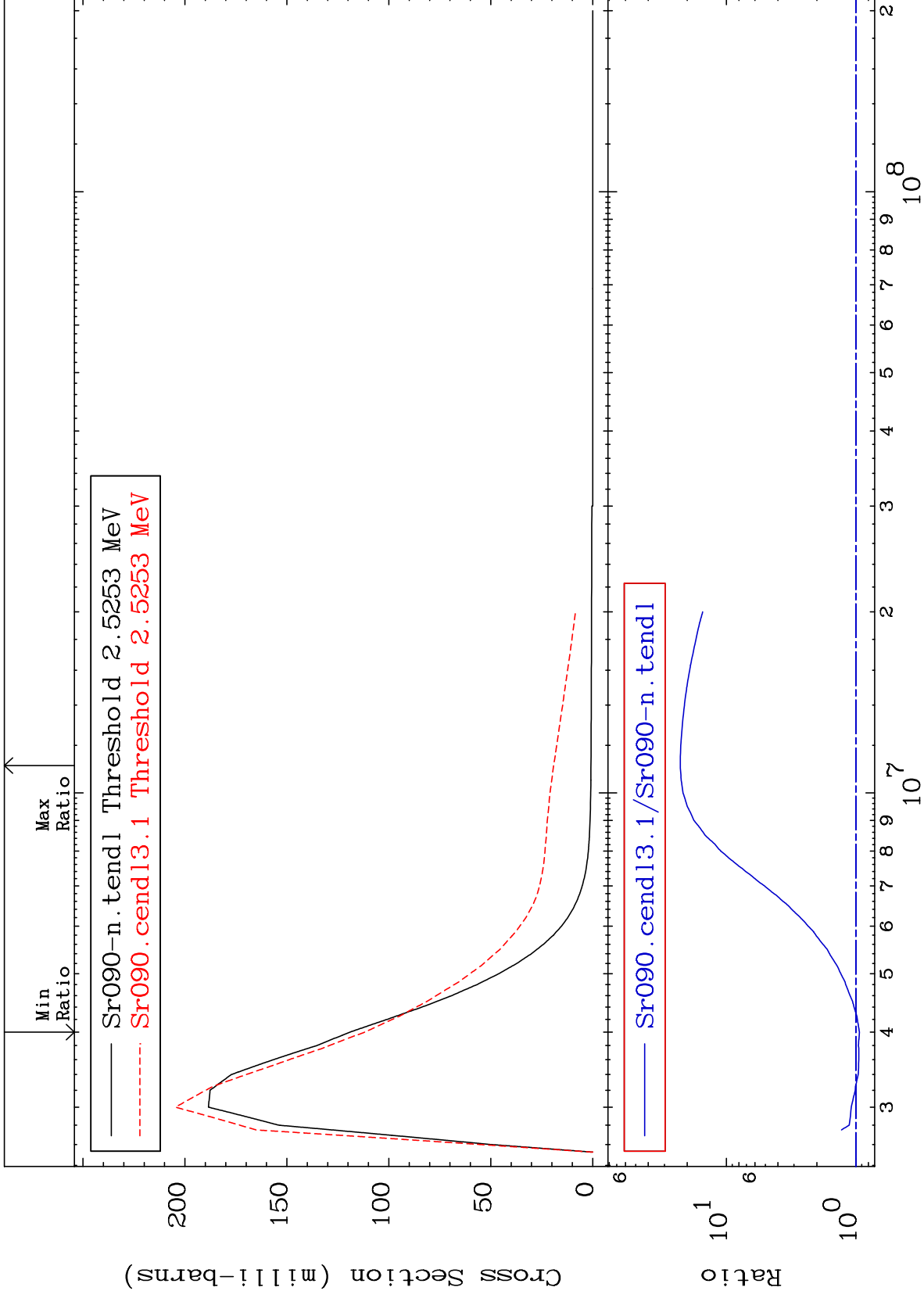
38-Sr-90
-68.07 To 100.3 %



MAT 3843

2.497 MeV (n,n') Level
Cross Section

38-Sr-90
-6.106 To 2162. %



12

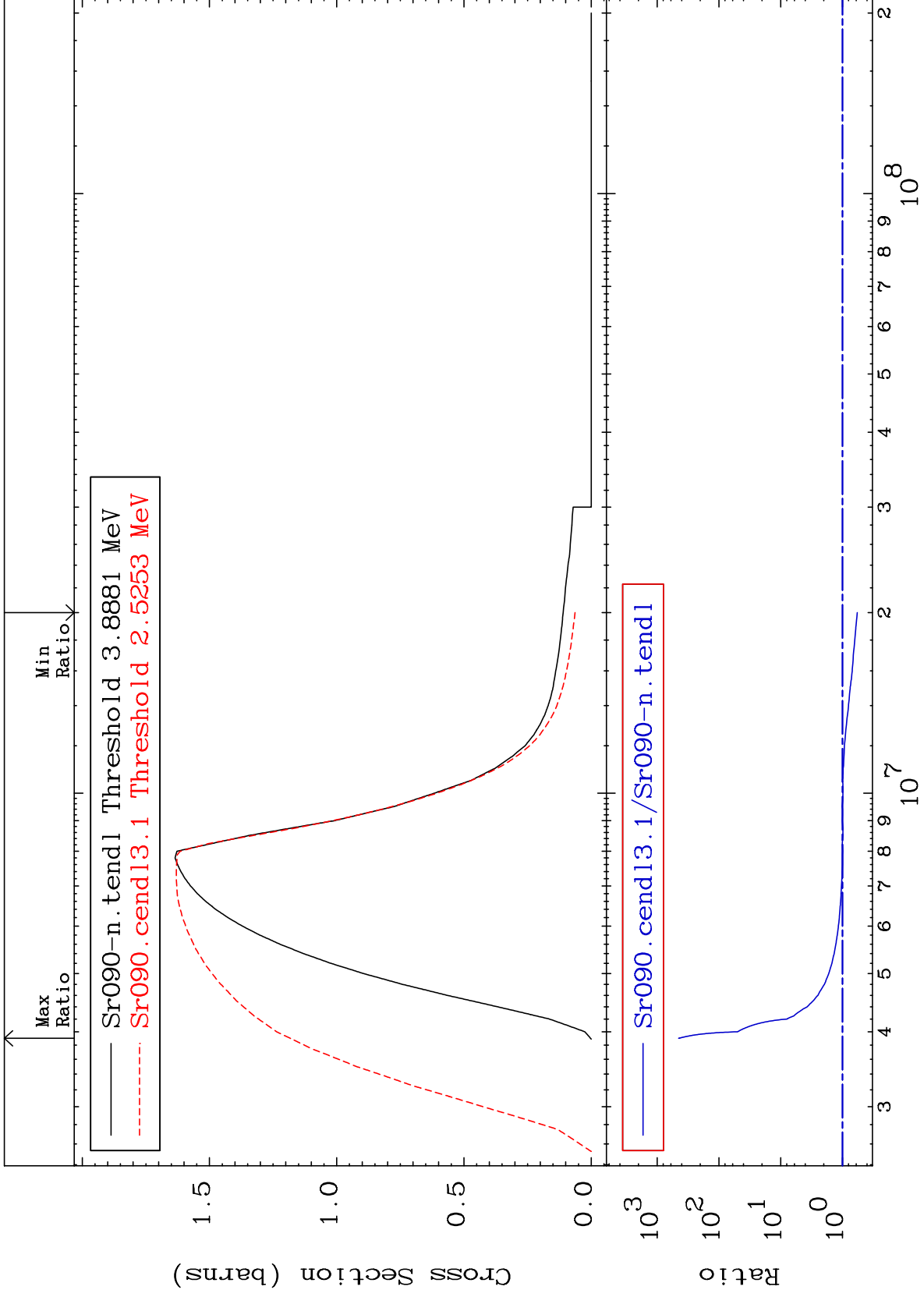
38-Sr-90

38-Sr-90

MAT 3843

(n, n') Continuum
Cross Section

38-Sr-90
-42.40 To 9999. %



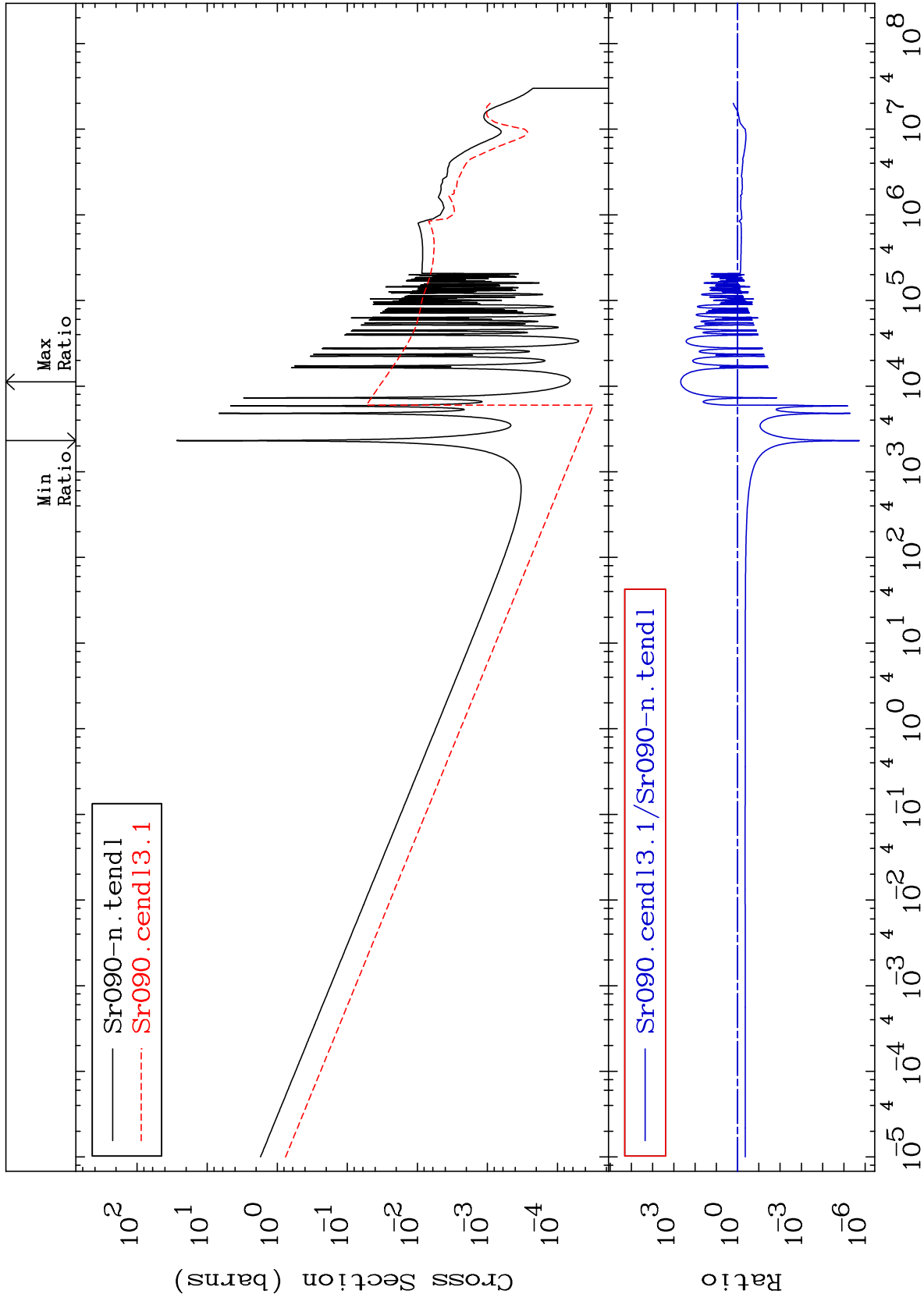
MAT 3843

(n, γ)

38-Sr-90

Cross Section

-100.0 To 9999. %



14

Incident Energy (eV)

38-Sr-90

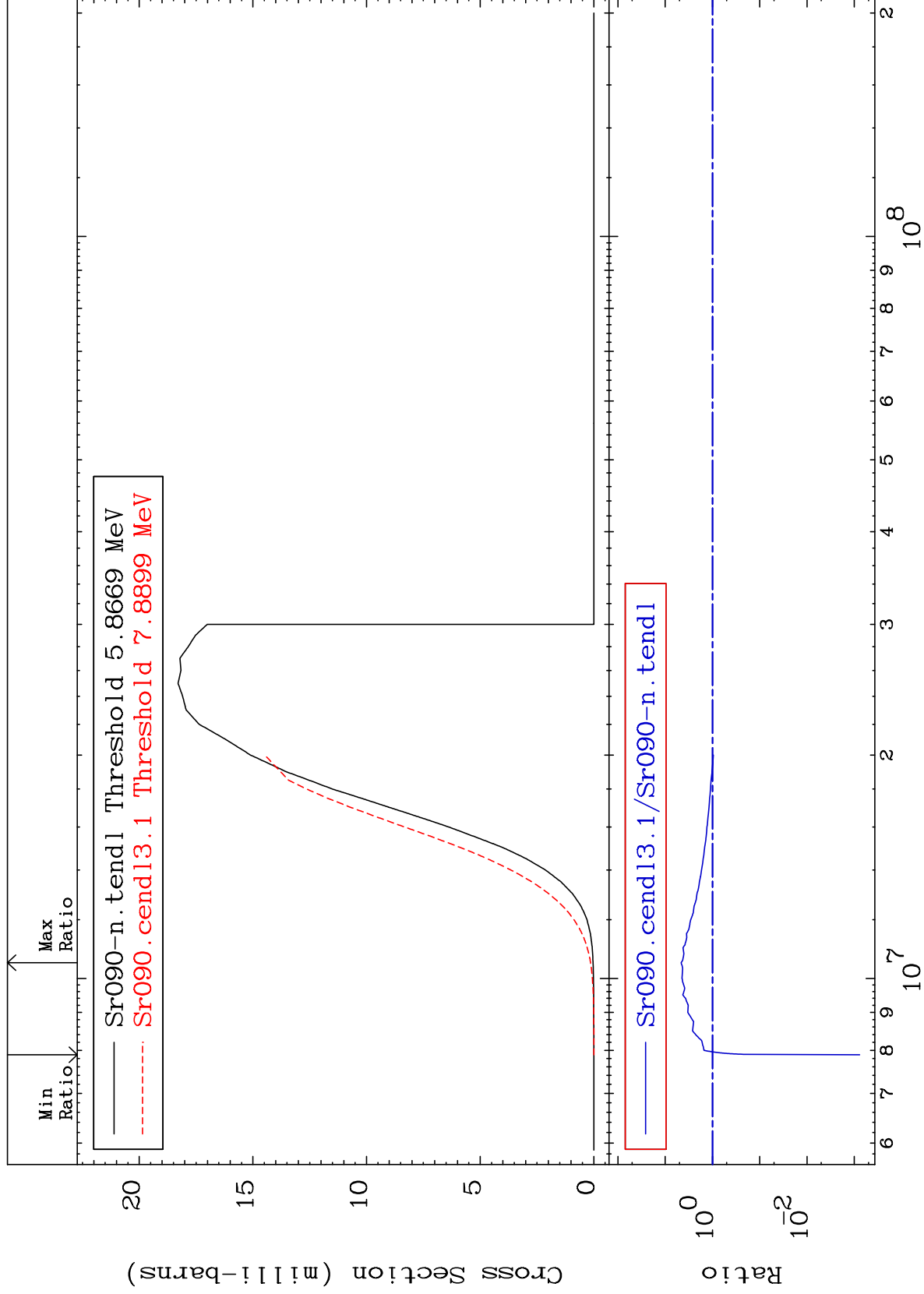
MAT 3843

(n,p)

38-Sr-90

Cross Section

-99.92 To 358.9 %



15

38-Sr-90

38-Sr-90

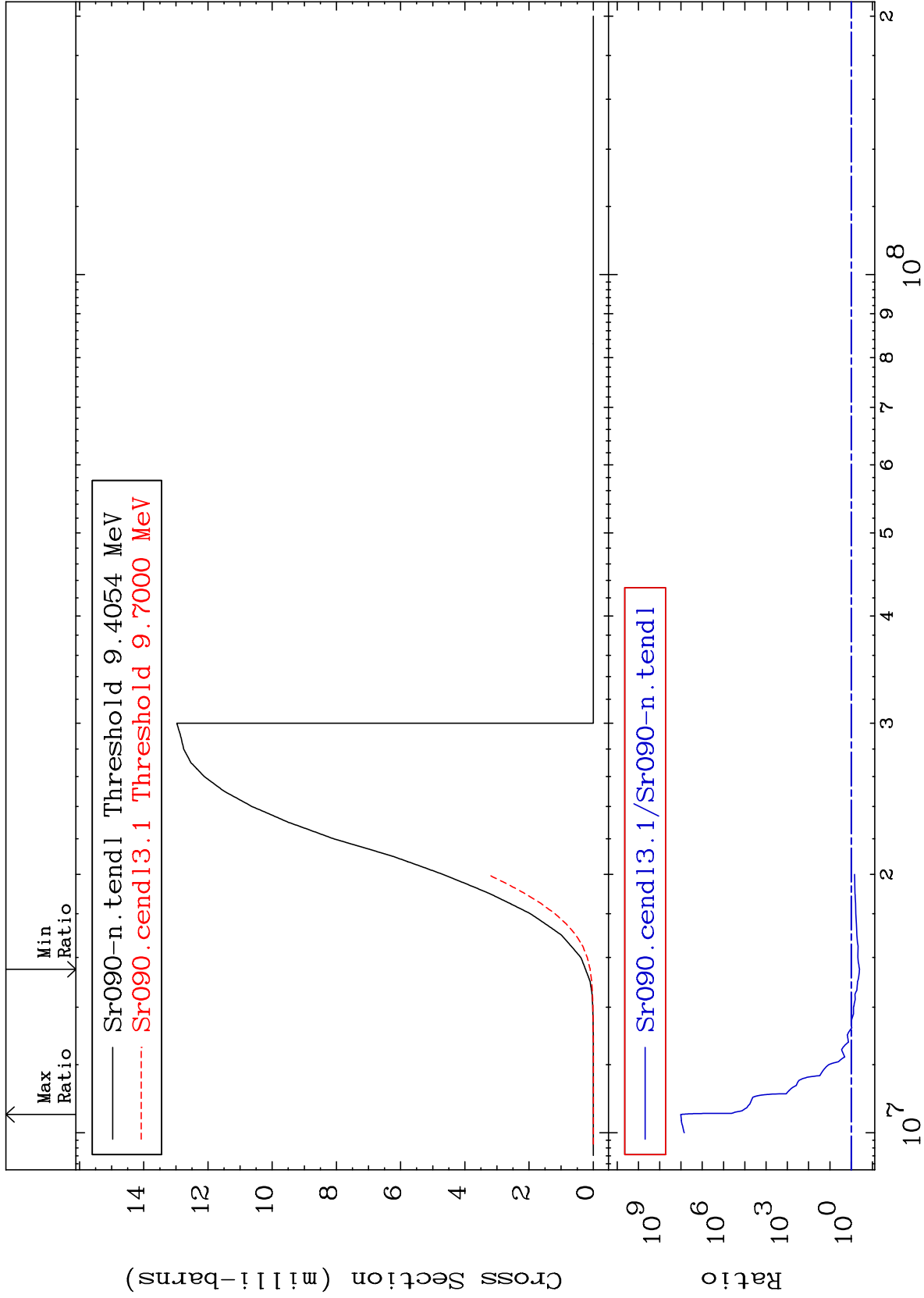
MAT 3843

(n, d)

38-Sr-90

Cross Section

-59.52 To 9999. %



16

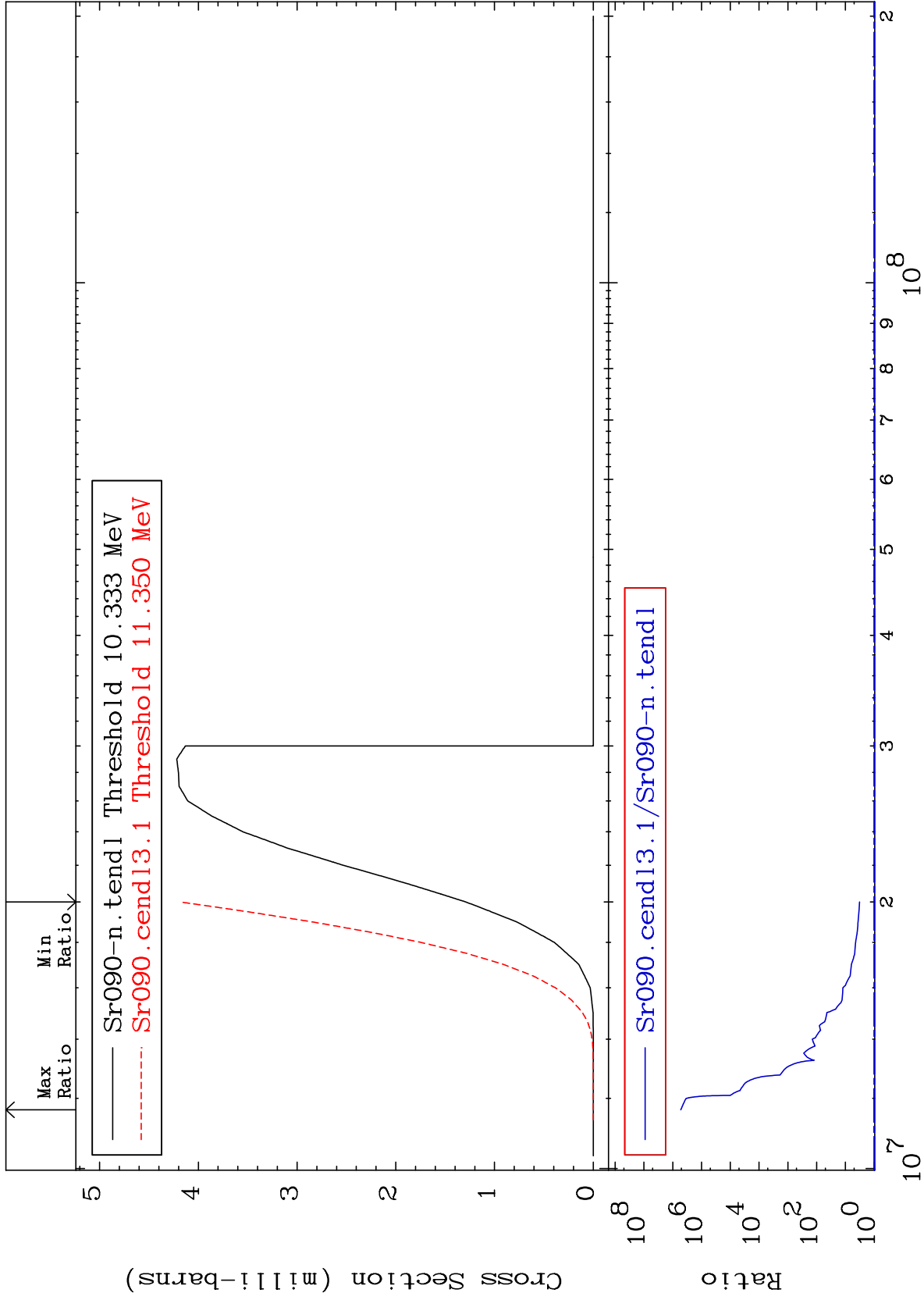
Incident Energy (eV)

38-Sr-90

MAT 3843

(n, t)
Cross Section

38-Sr-90
223.9 To 9999. %



17

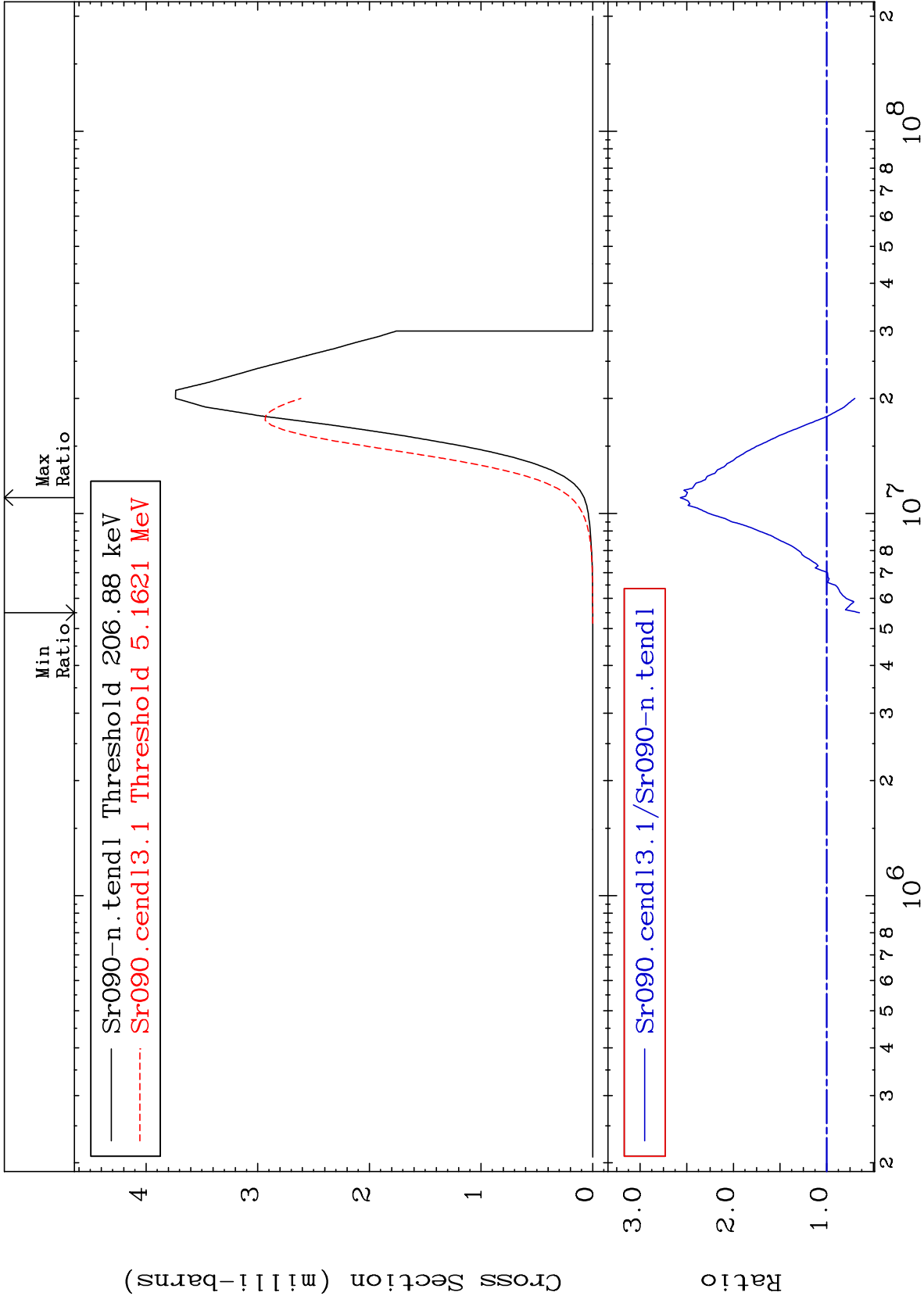
Incident Energy (eV)

38-Sr-90

MAT 3843

(n, α)
Cross Section

38-Sr-90
-35.06 To 156.8 %



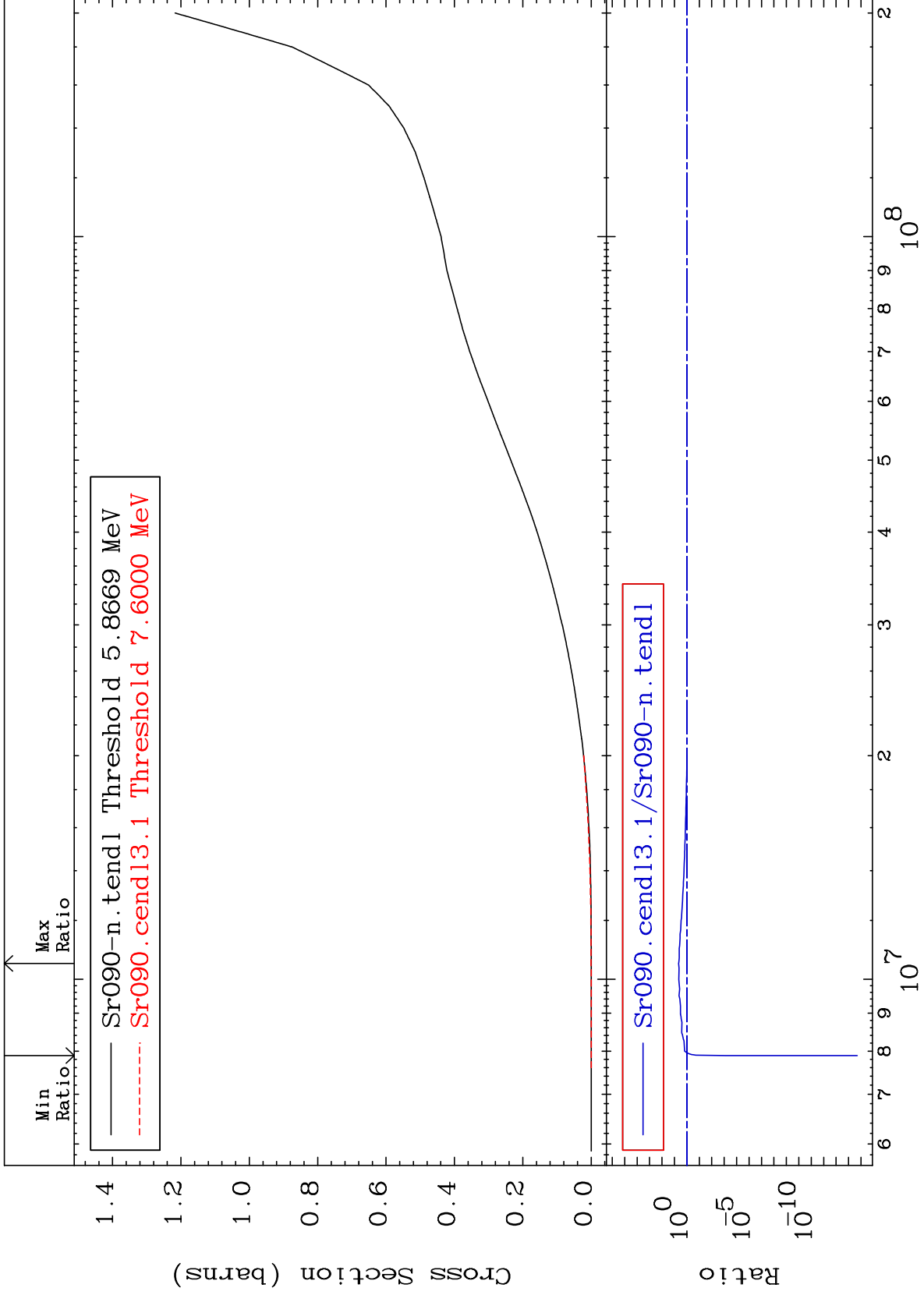
18

38-Sr-90

MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-100.0 To 358.9 %



19

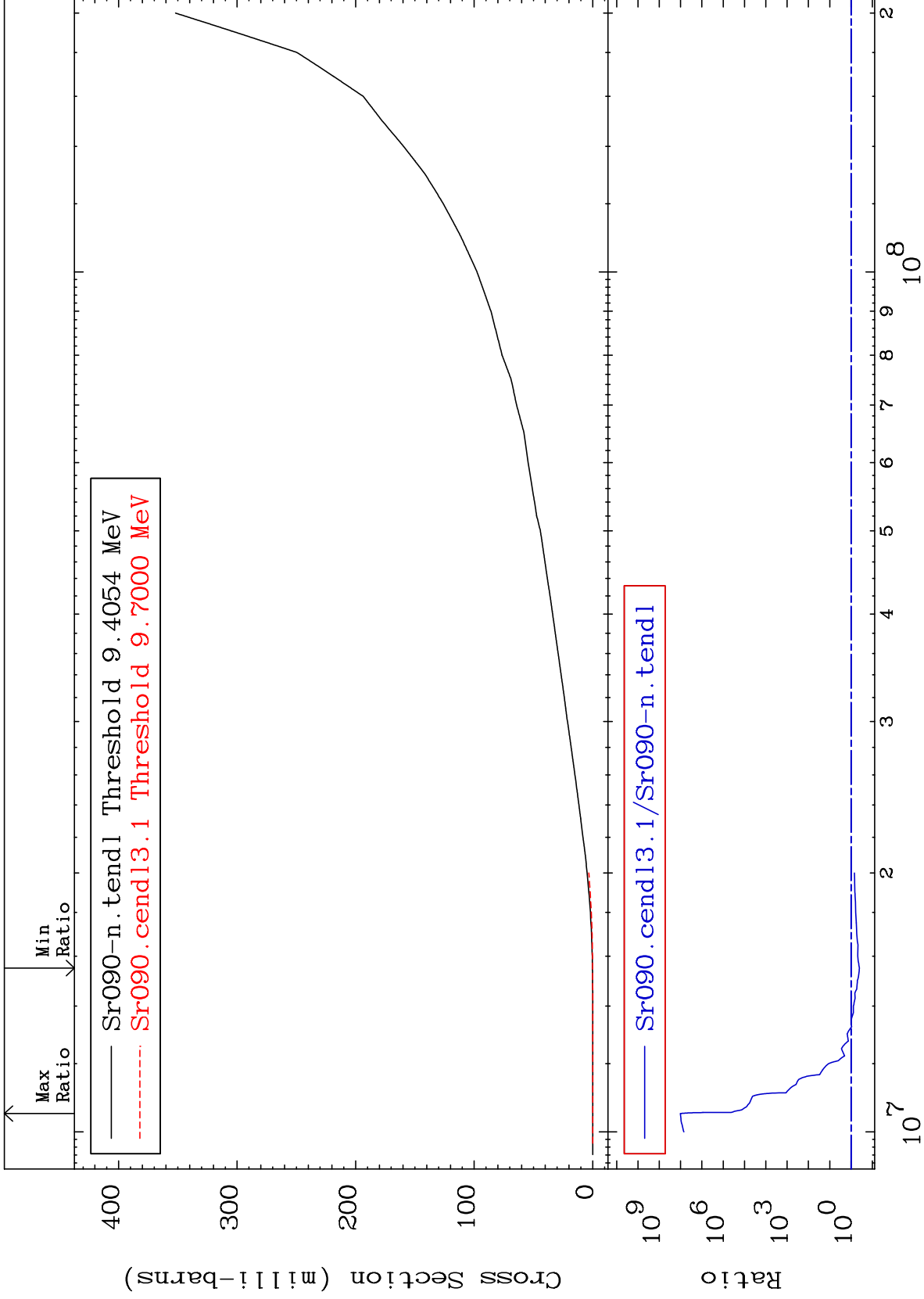
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-59.52 To 9999. %



20

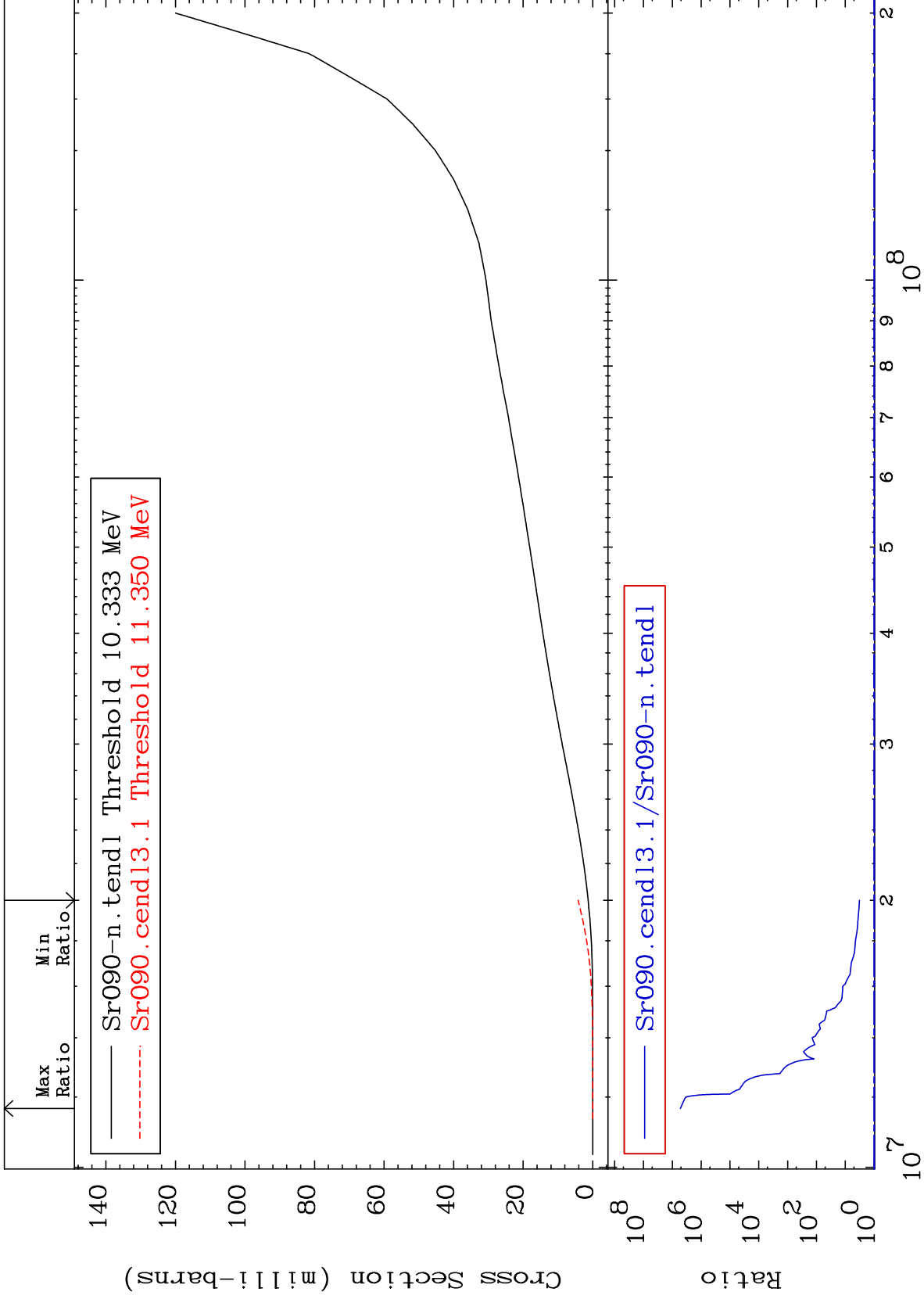
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

38-Sr-90
223.8 To 9999. %



21

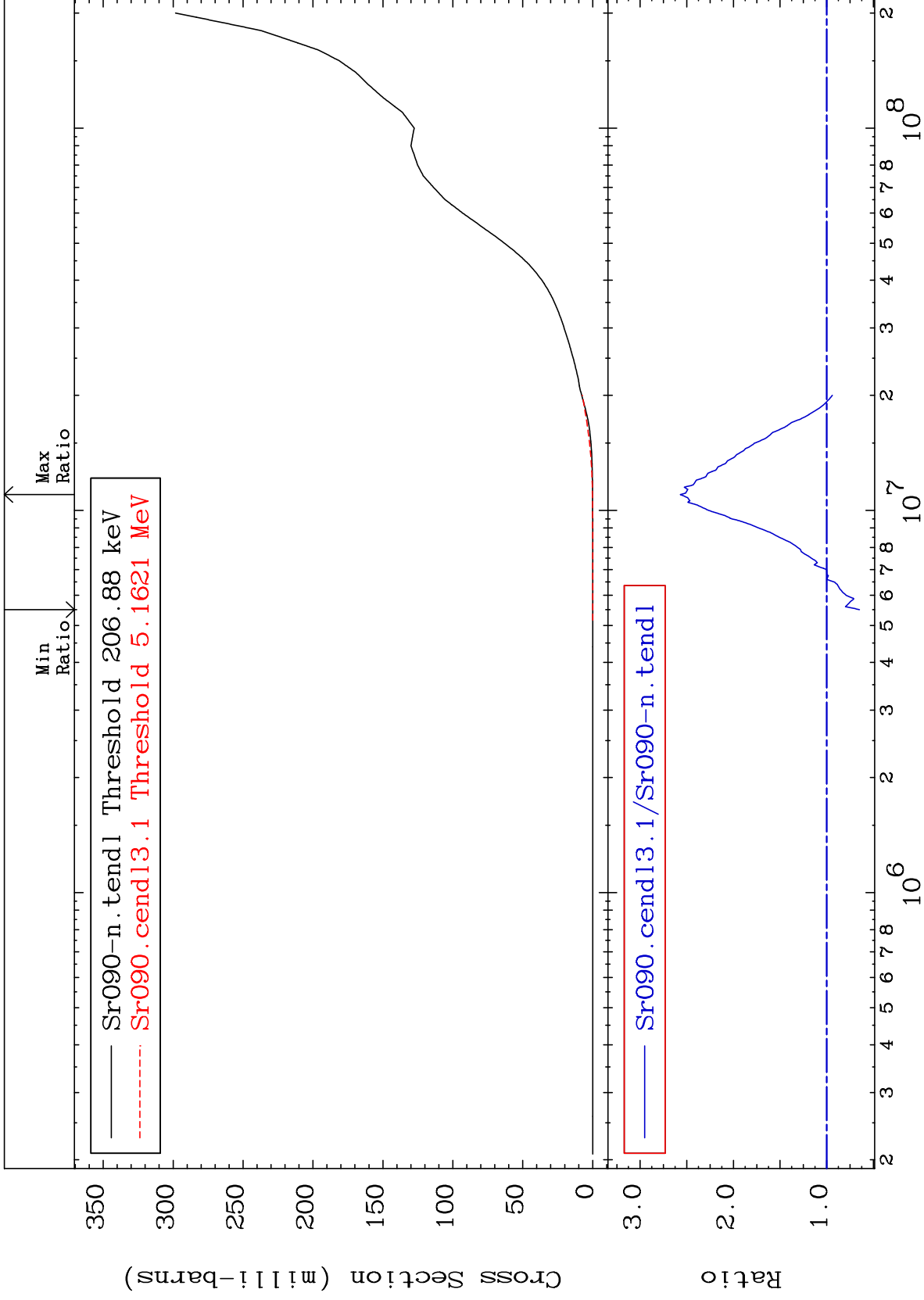
Incident Energy (eV)

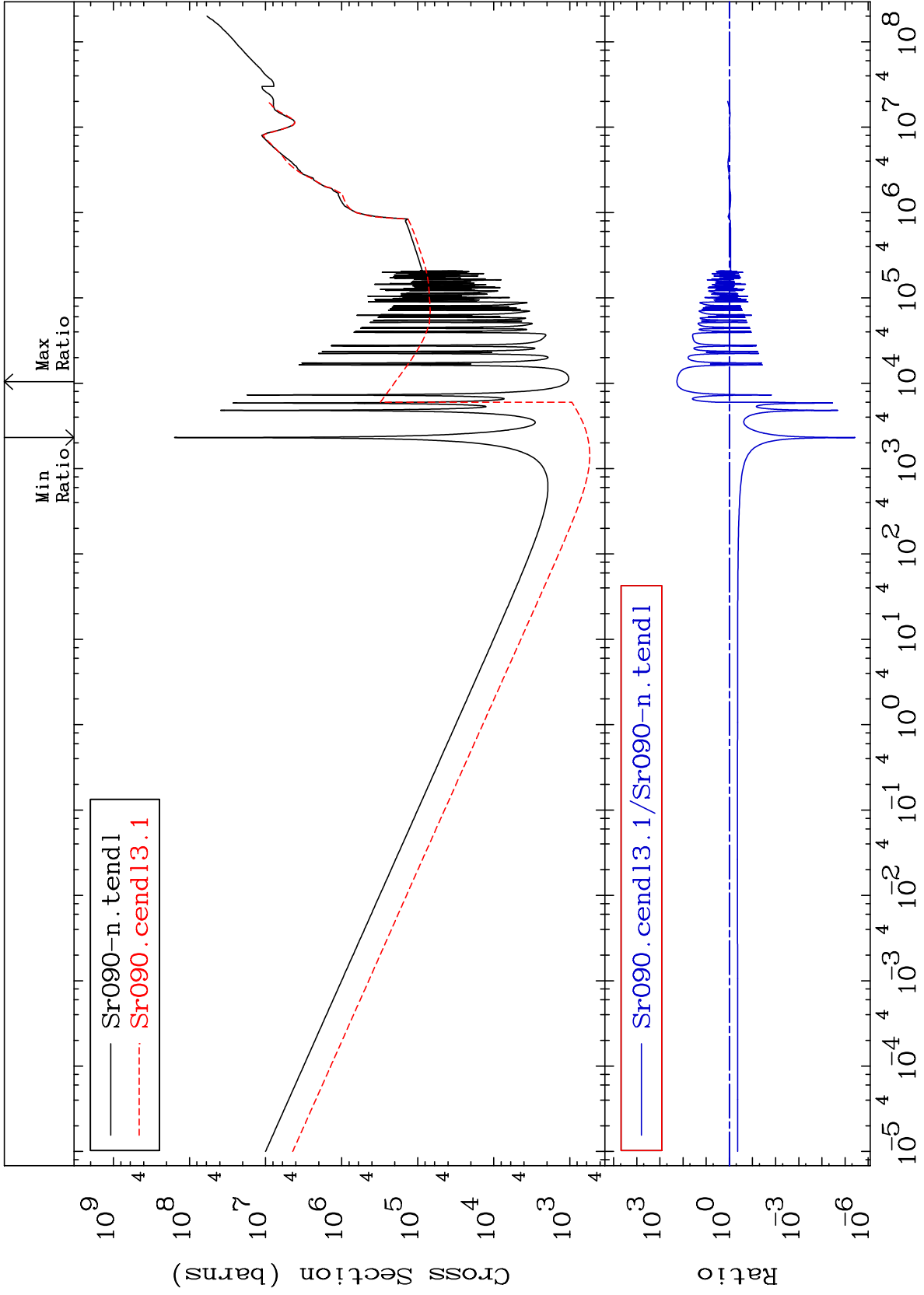
38-Sr-90

MAT 3843

He-4 Production
Cross Section

38-Sr-90
-35.06 To 156.9 %

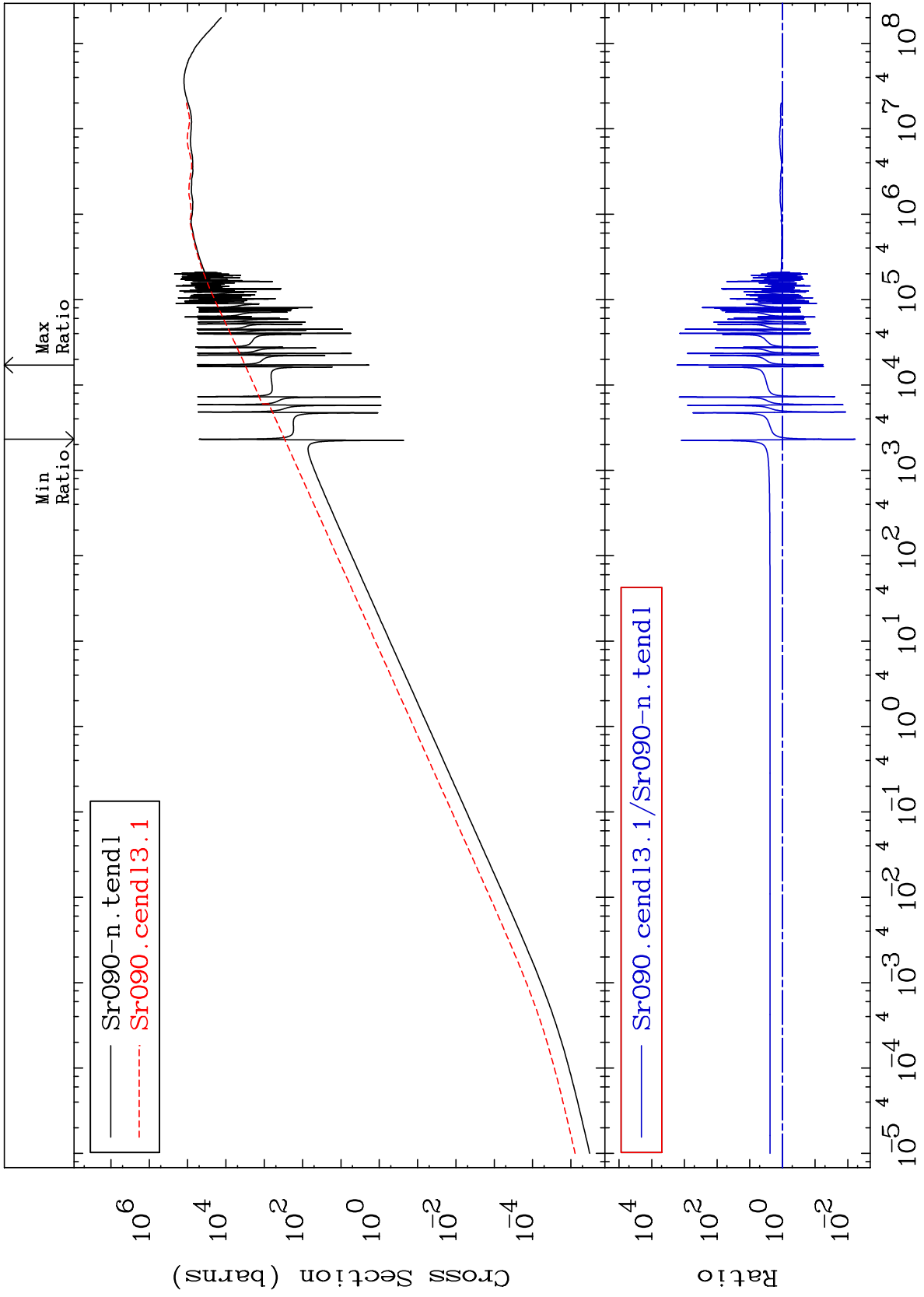




MAT 3843

Kerma elastic
Cross Section

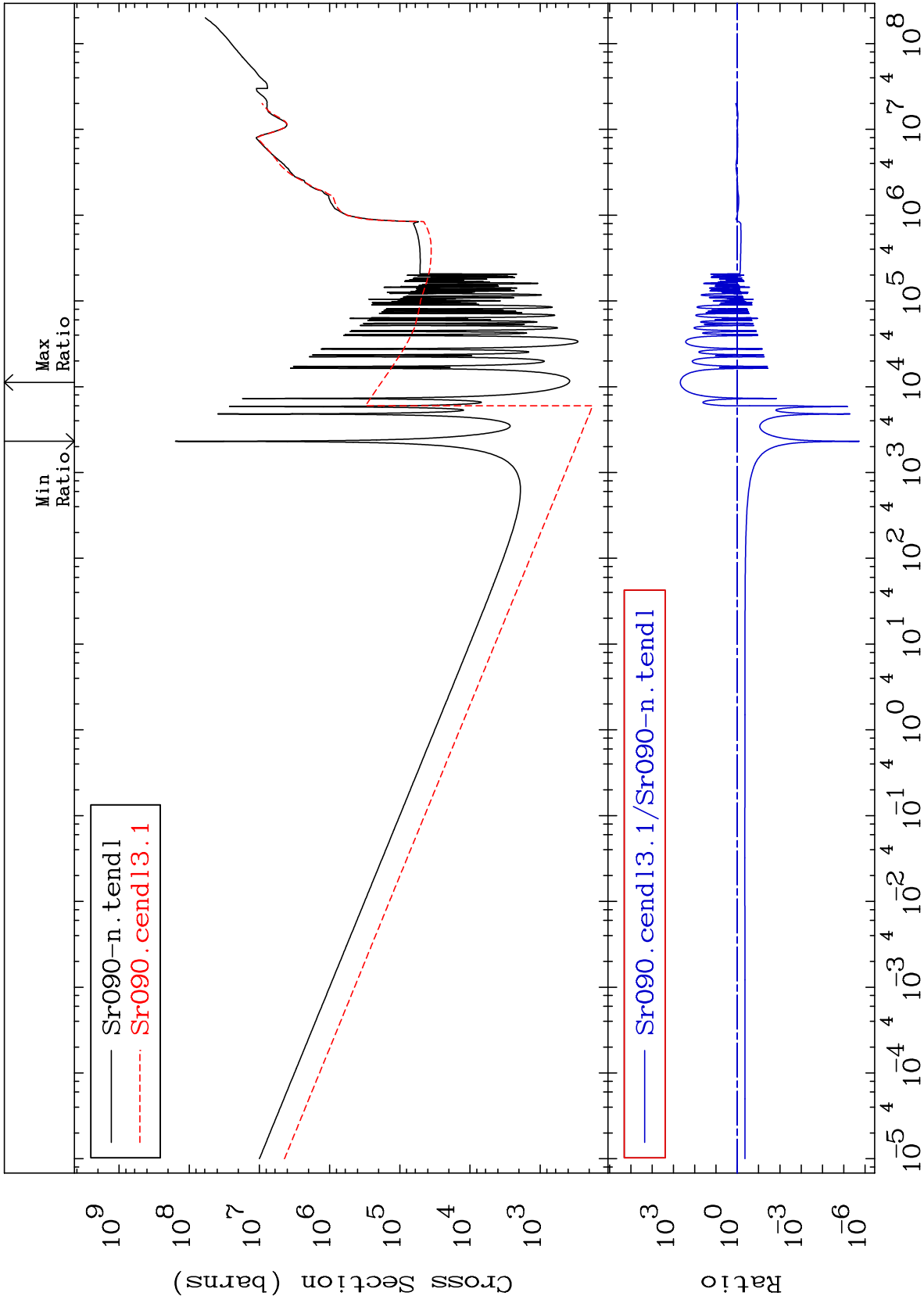
38-Sr-90
-99.40 To 9999. %



MAT 3843

Kerma non-elastic (all but mt2)
Cross Section

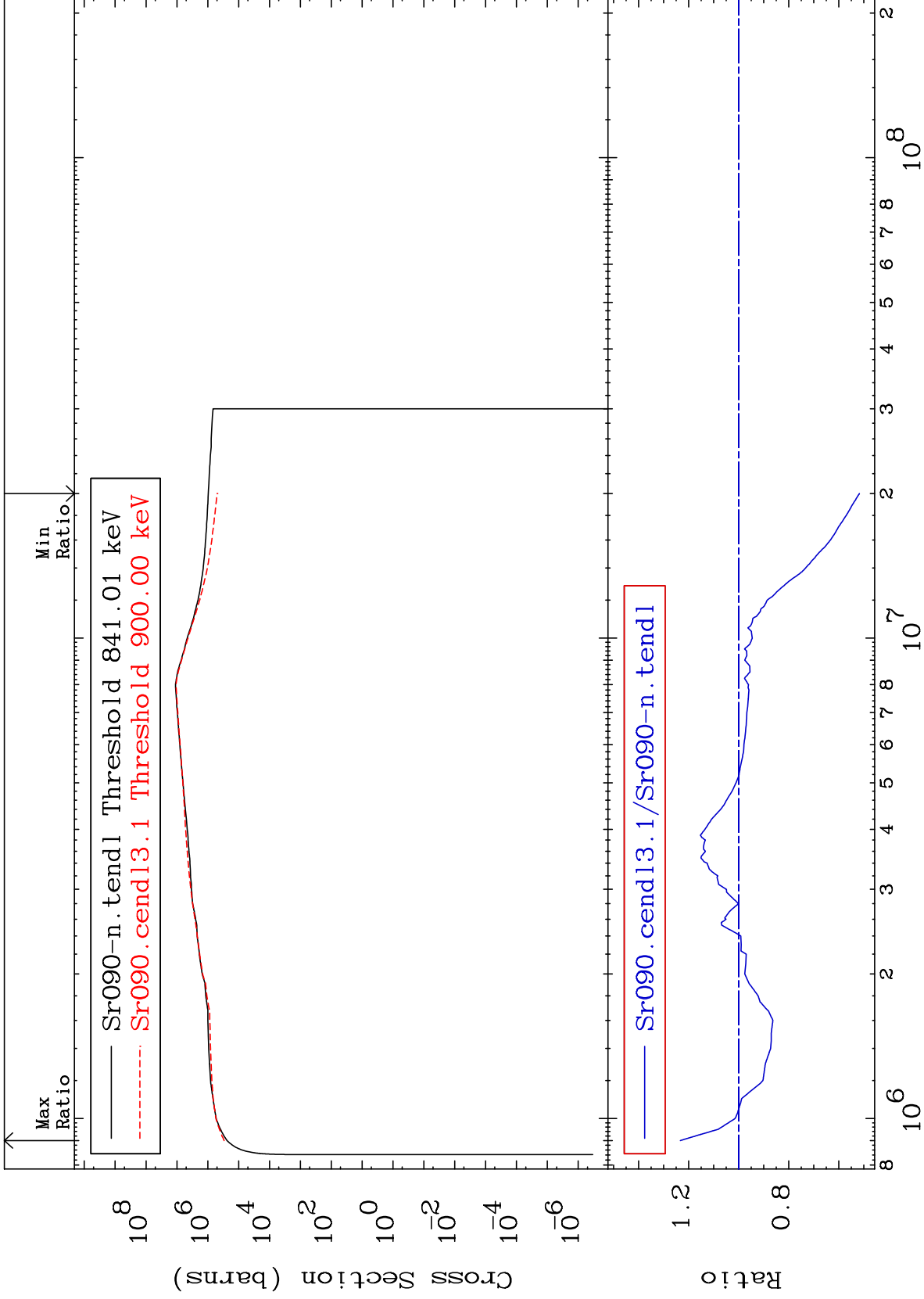
38-Sr-90
-100.0 To 9999. %



25

Incident Energy (eV)

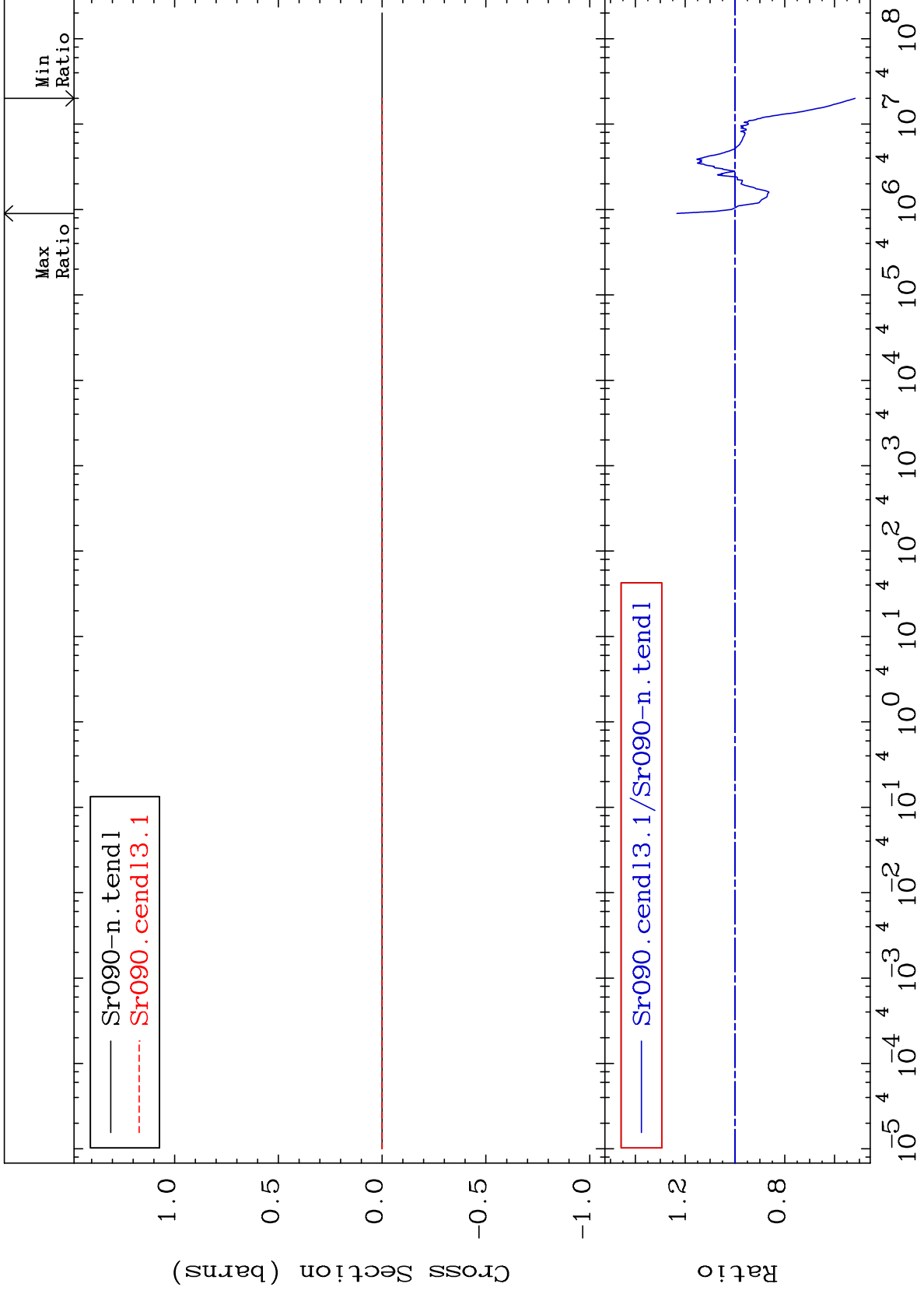
38-Sr-90



MAT 3843

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

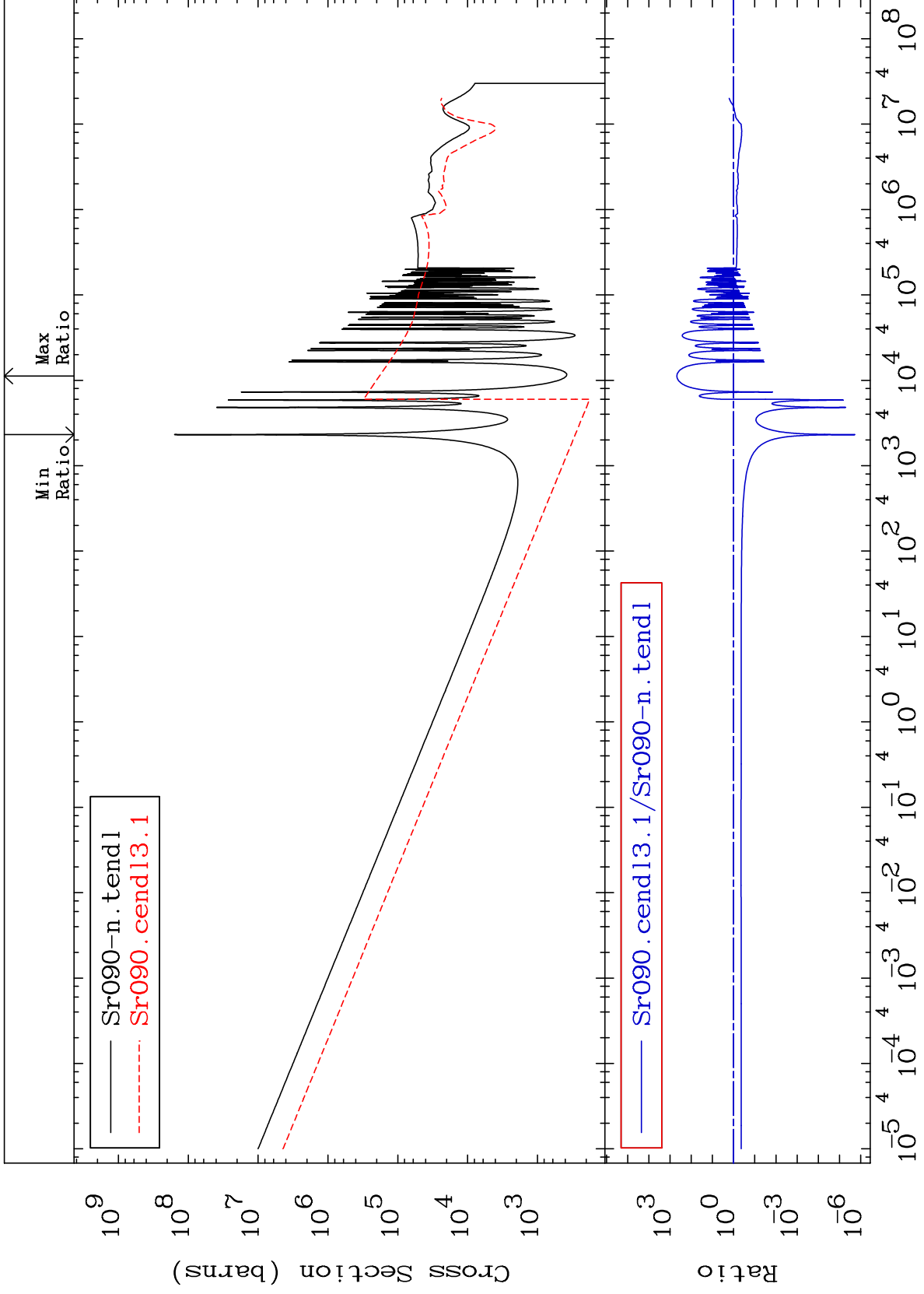
38-Sr-90
-48.25 To 23.34 %

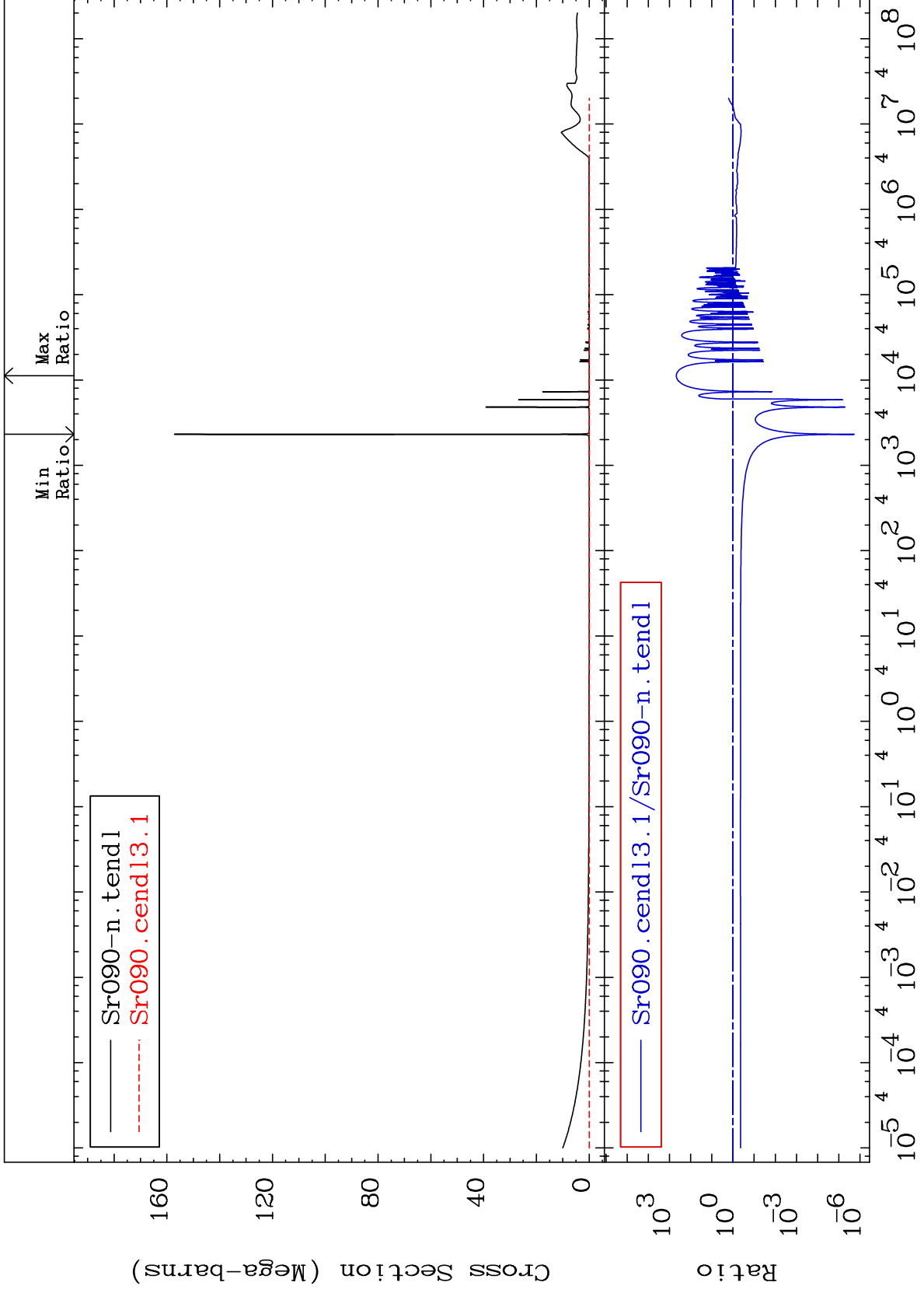


MAT 3843

Kerma capture (mt102)
Cross Section

38-Sr-90
-100.0 To 9999. %

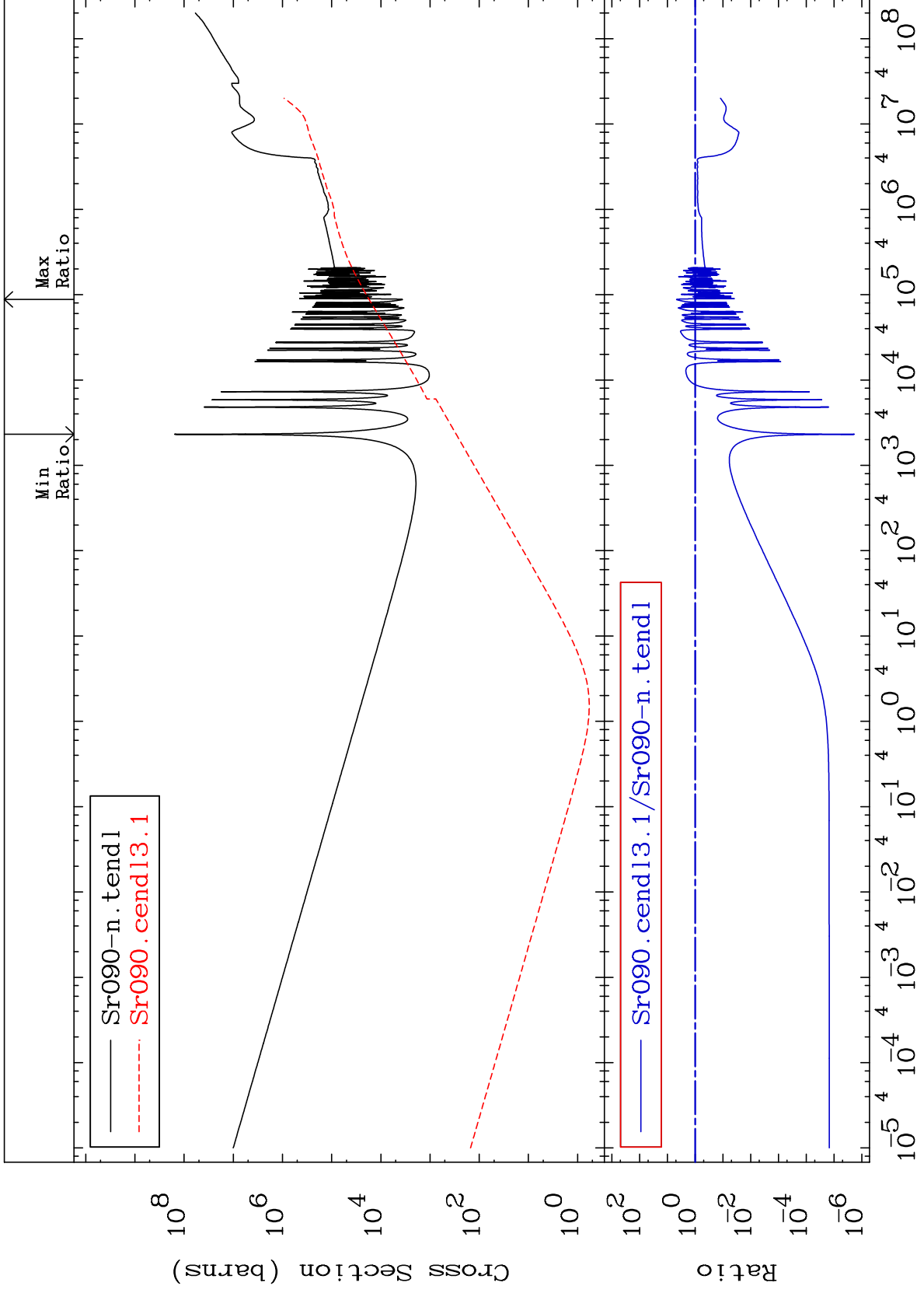


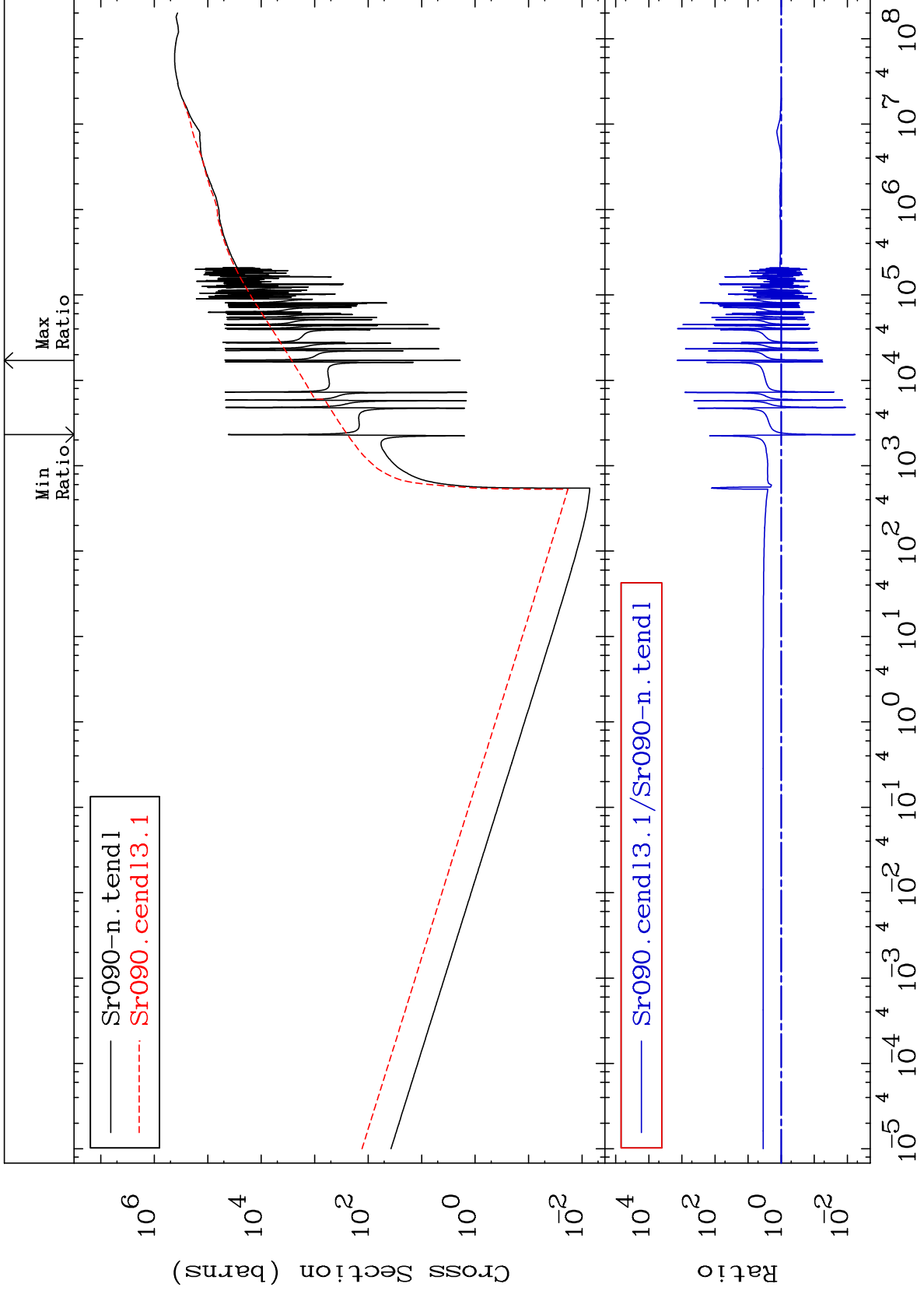


MAT 3843

Total kinematic kerma (high limit)
Cross Section

38-Sr-90
-100.0 To 379.1 %

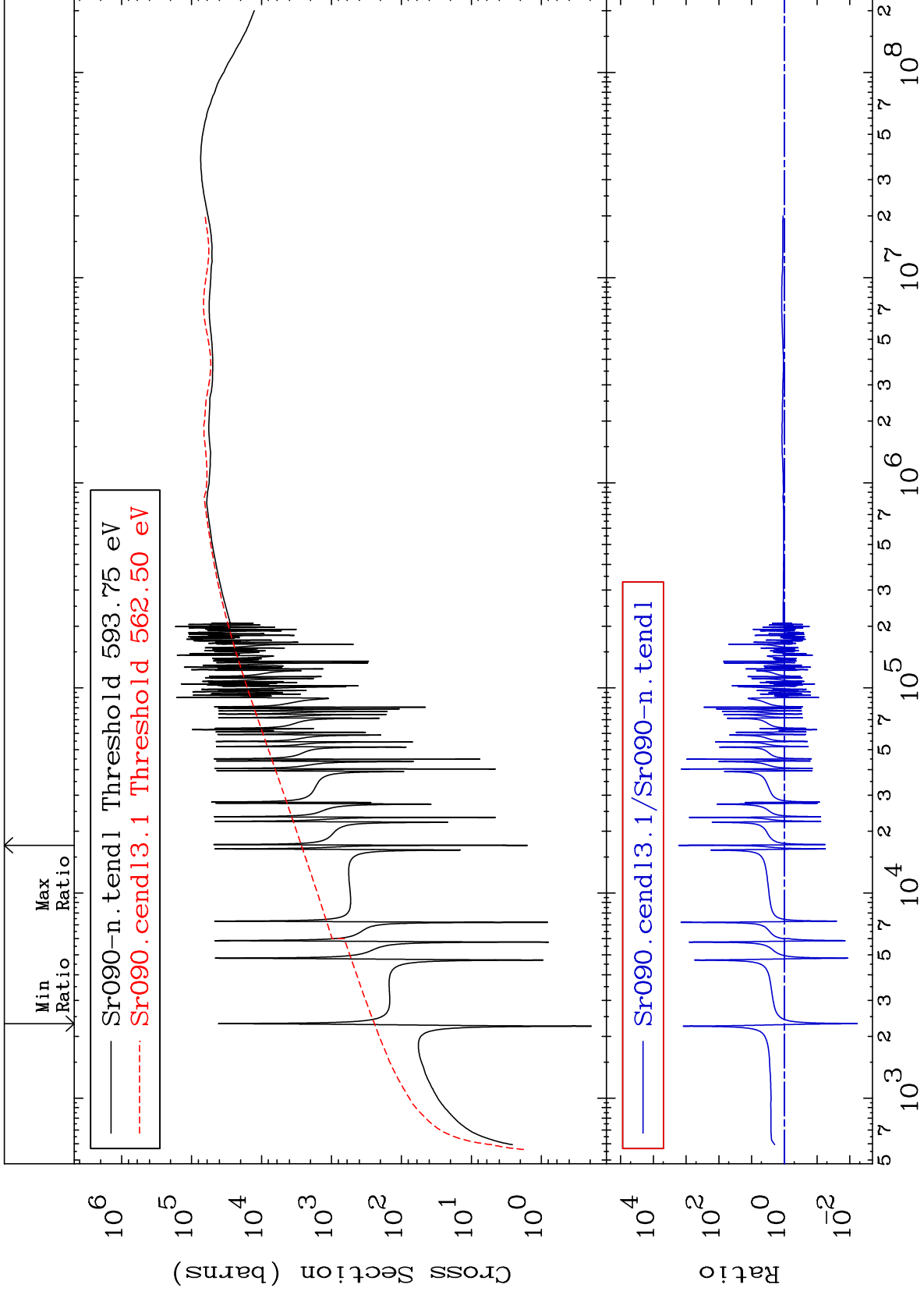




MAT 3843

Dpa elastic (mt2)
Cross Section

38-Sr-90
-99.41 To 9999. %



32

Incident Energy (eV)

38-Sr-90

