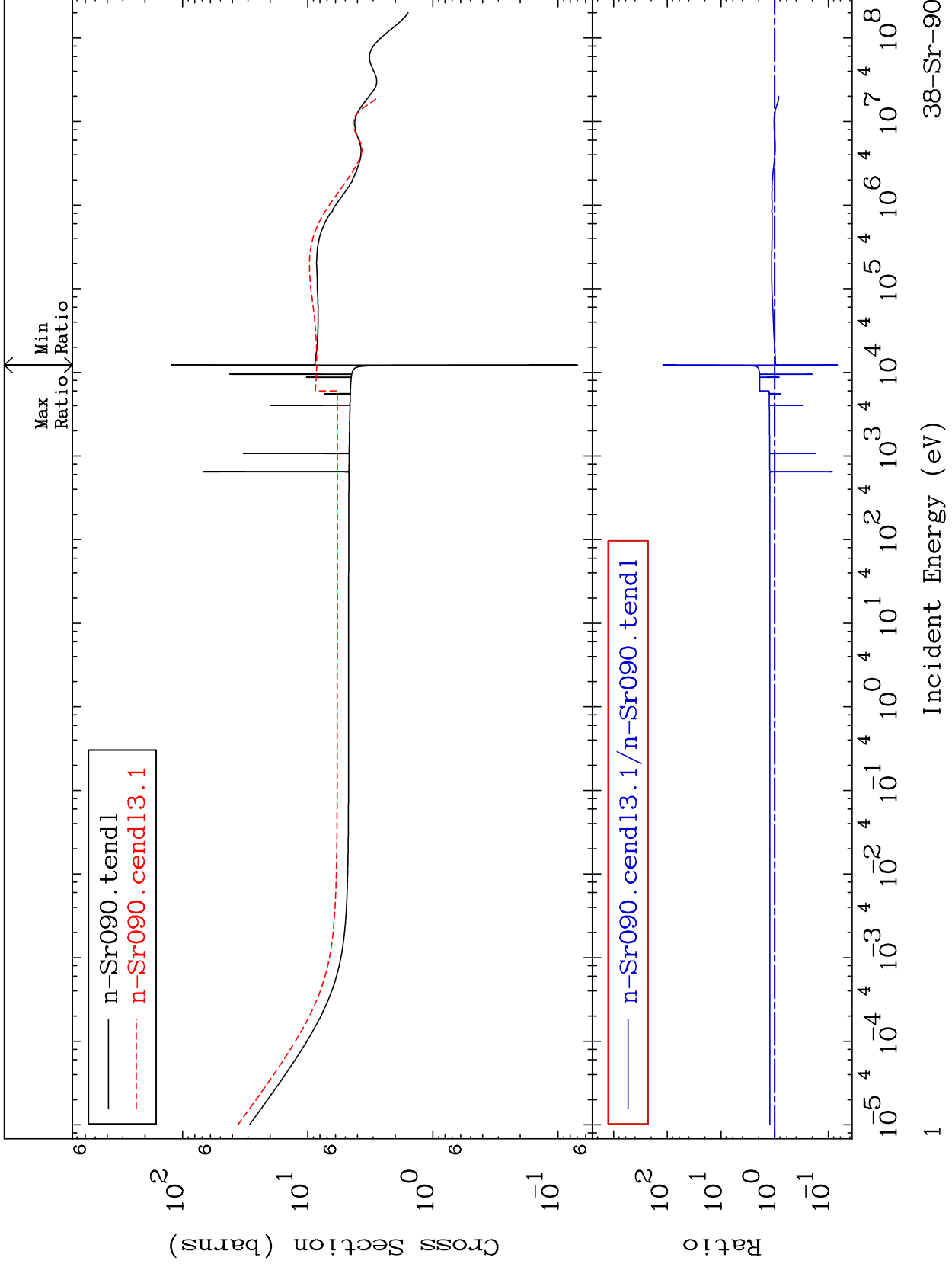


MAT 3843

Total
Cross Section

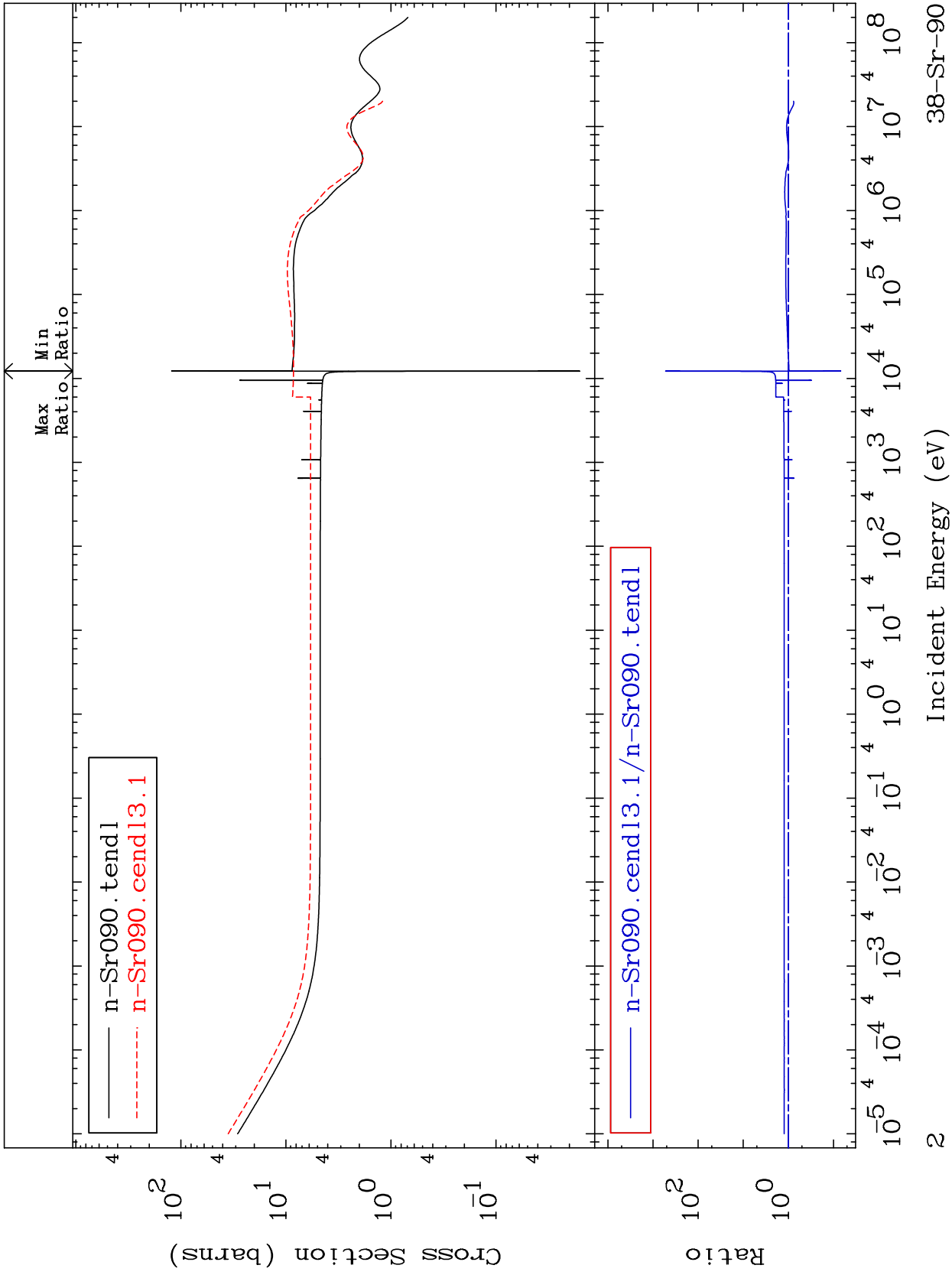
38-Sr-90
-93.16 To 9999. %



MAT 3843

Elastic
Cross Section

38-Sr-90
-93.08 To 9999. %

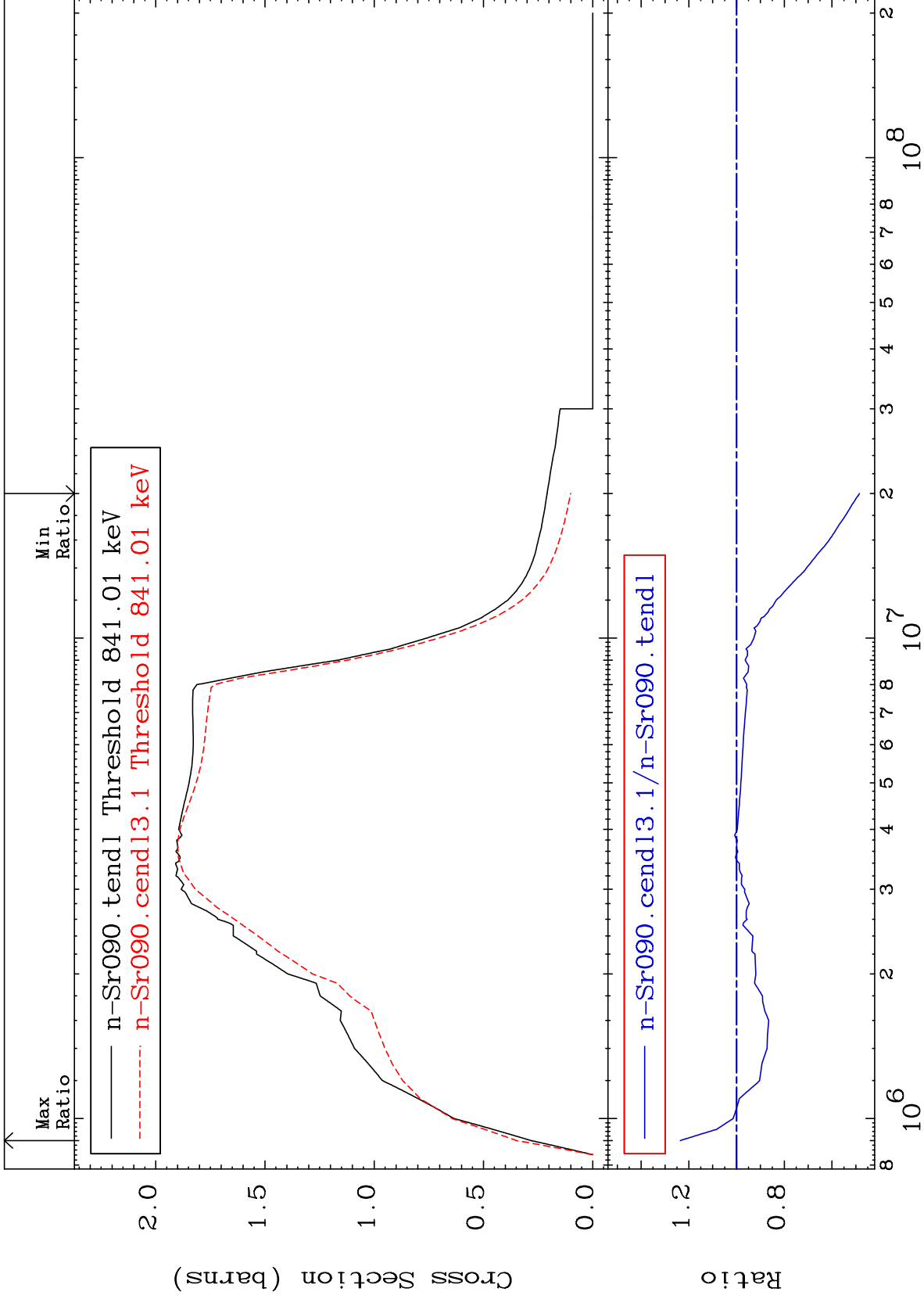


38-Sr-90

MAT 3843

Inelastic
Cross Section

38-Sr-90
-51.51 To 23.57 %



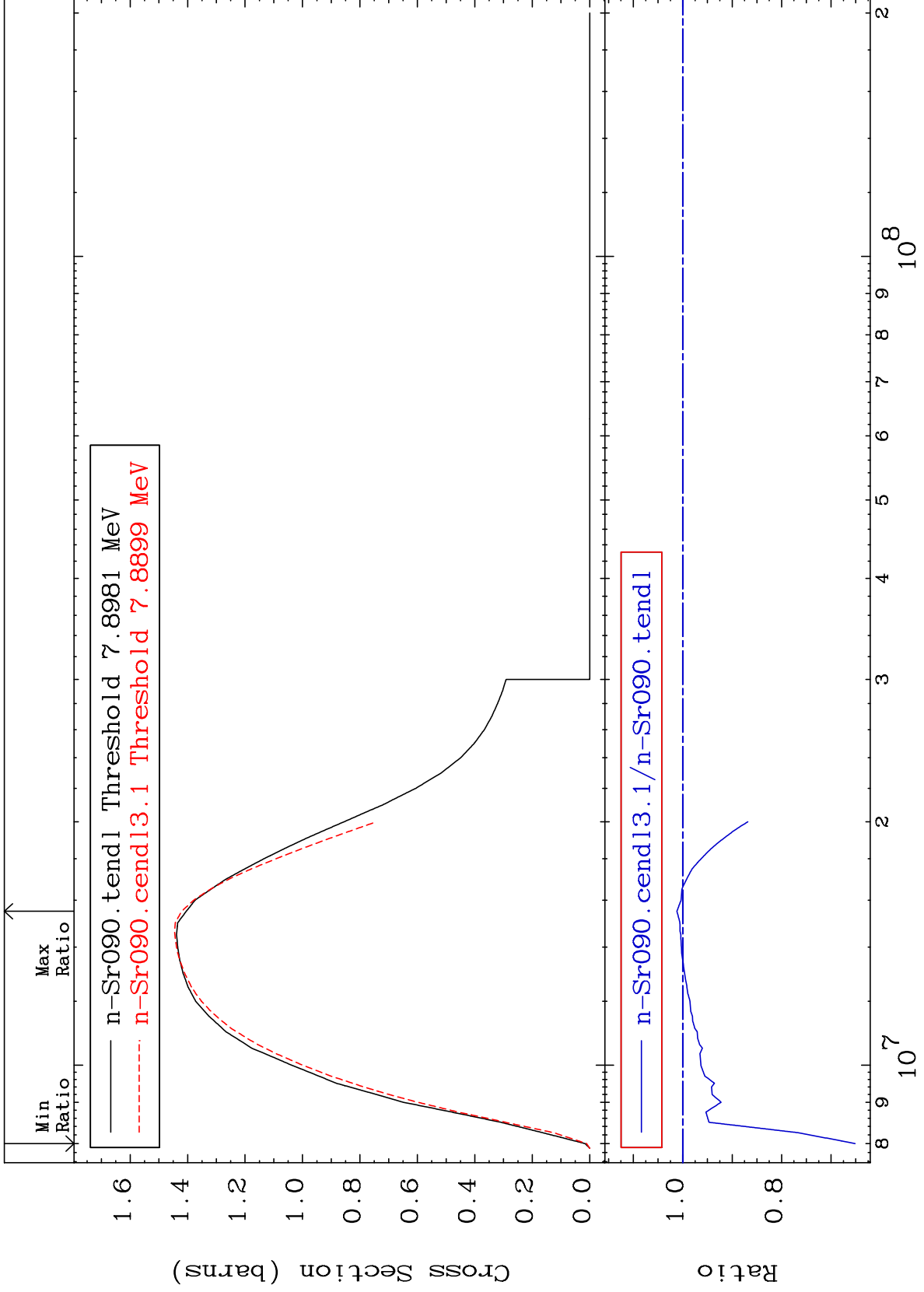
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,2n)
Cross Section

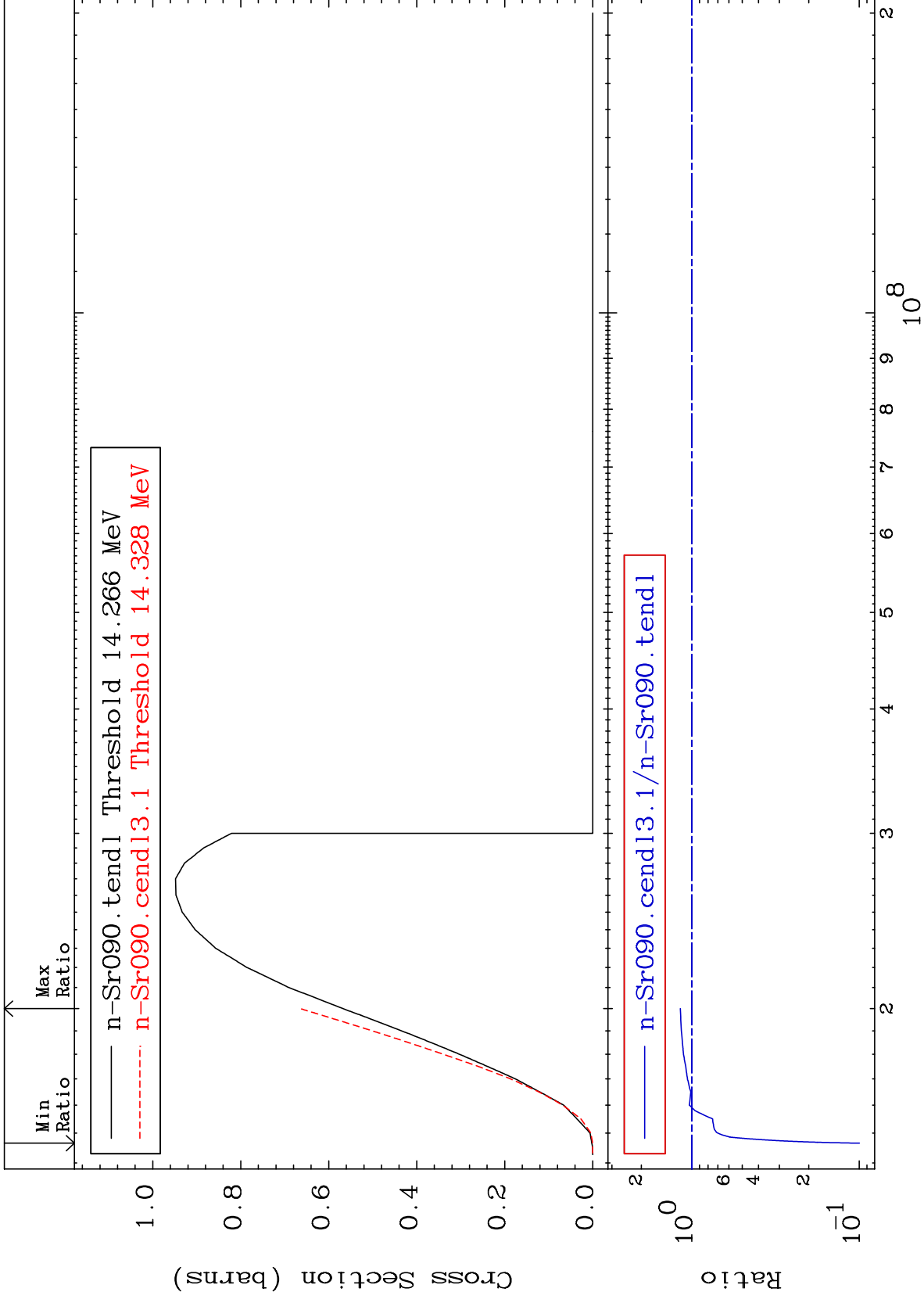
38-Sr-90
-34.86 To 1.179 %



4

Incident Energy (eV)

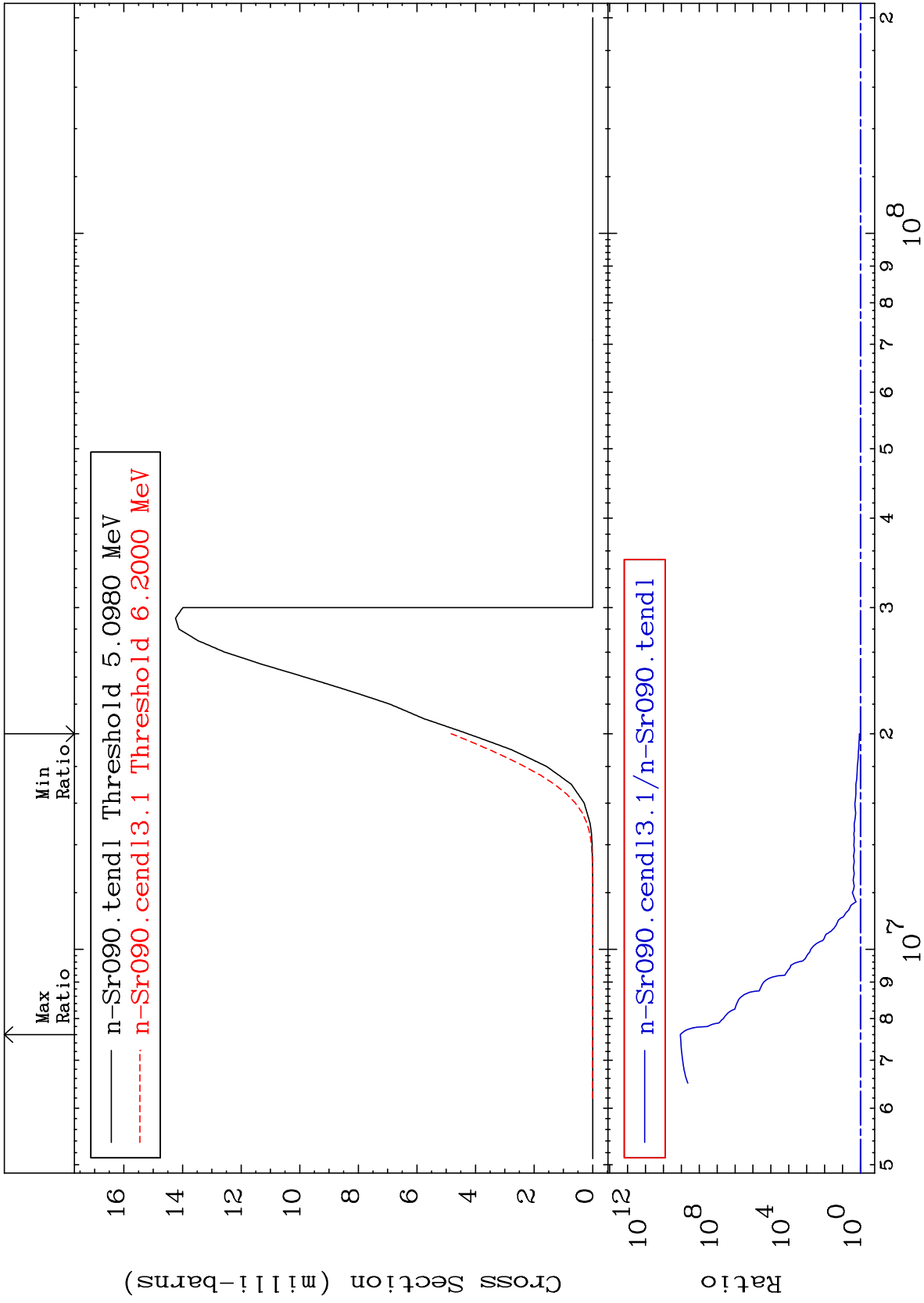
38-Sr-90



MAT 3843

(n, n') α
Cross Section

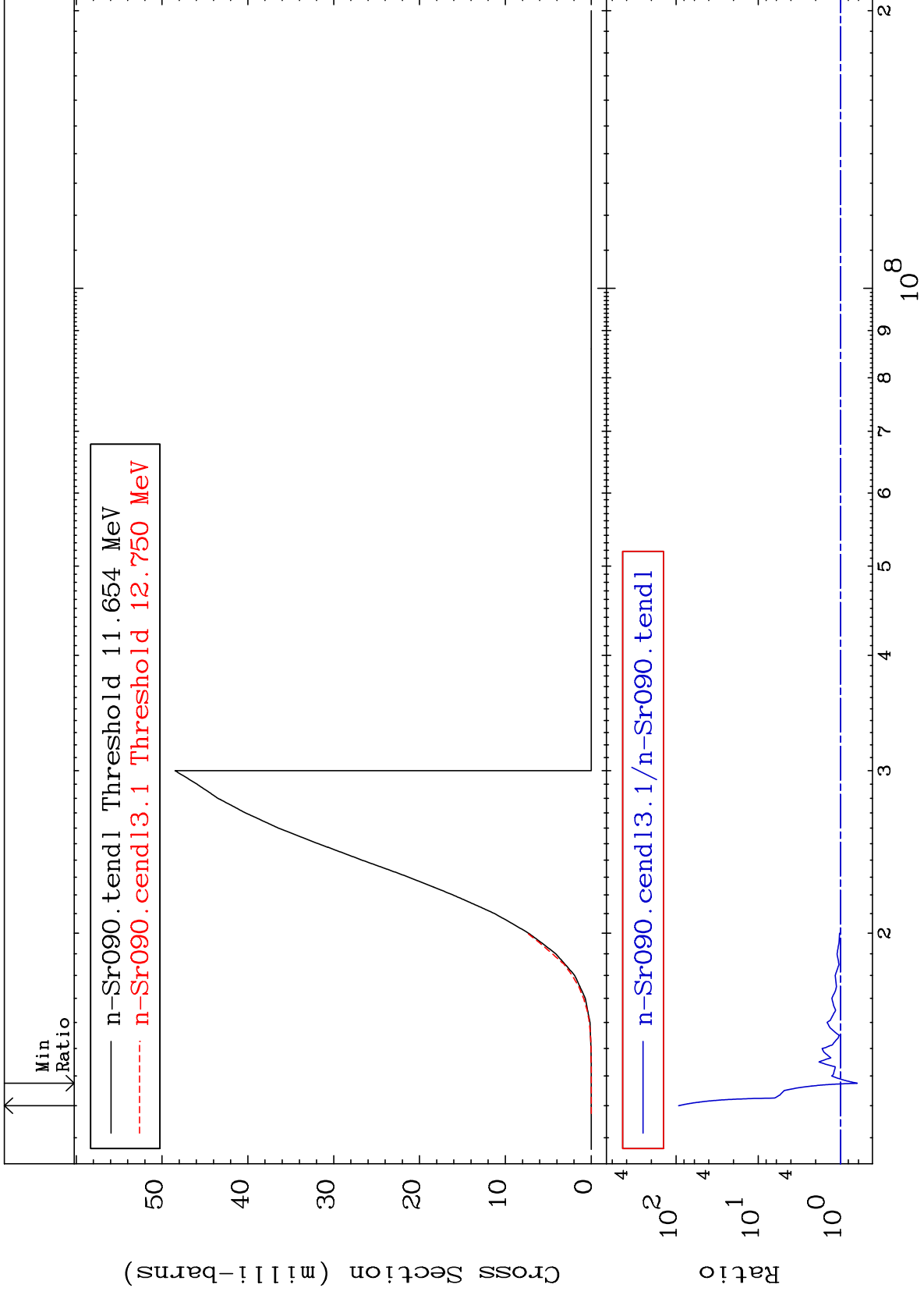
38-Sr-90
13.21 To 9999. %



MAT 3843

(n,n') p
Cross Section

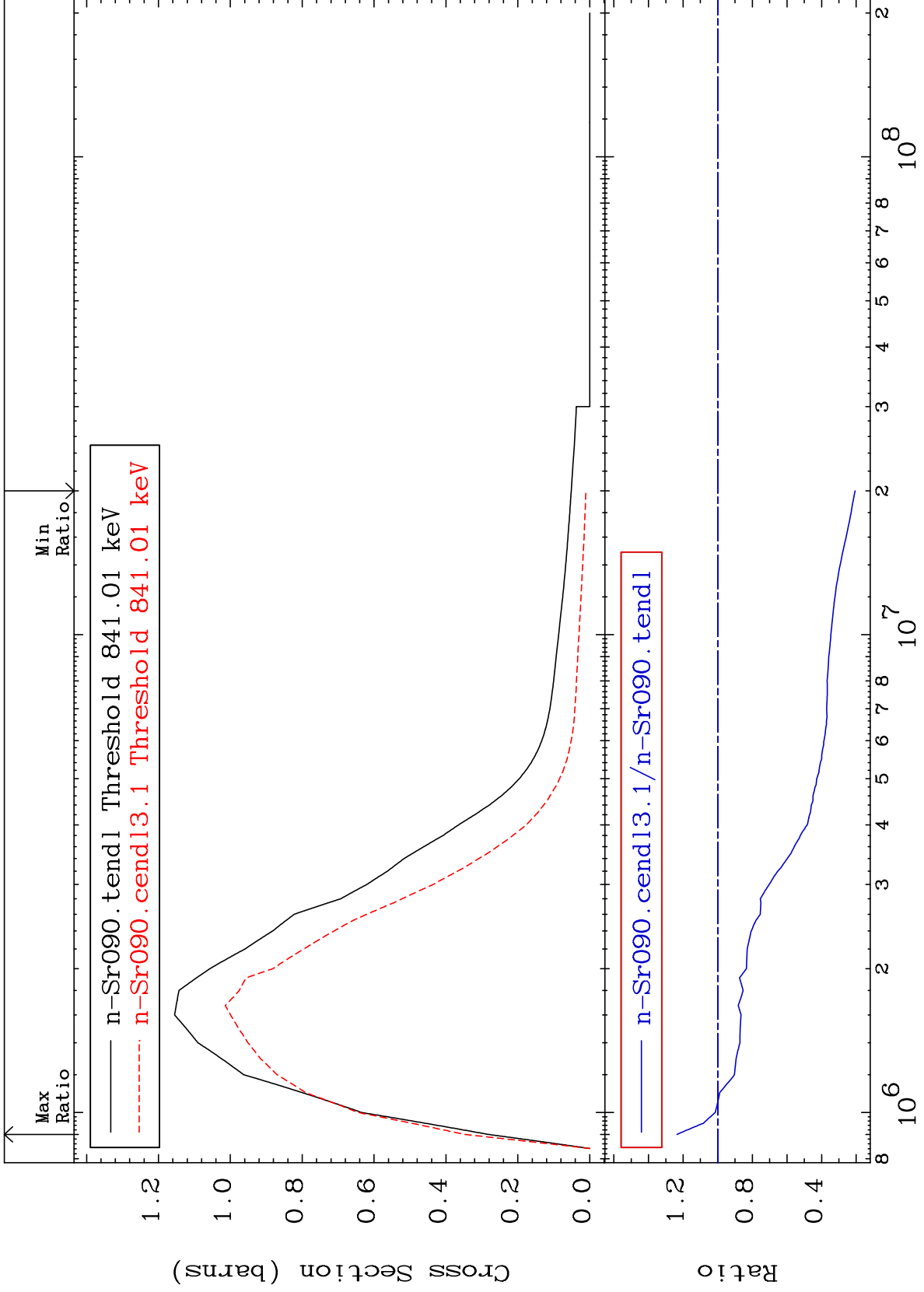
38-Sr-90
-37.81 To 9219. %



MAT 3843

MT= 51 (n,n') Level
Cross Section

38-Sr-90
-79.34 To 23.57 %



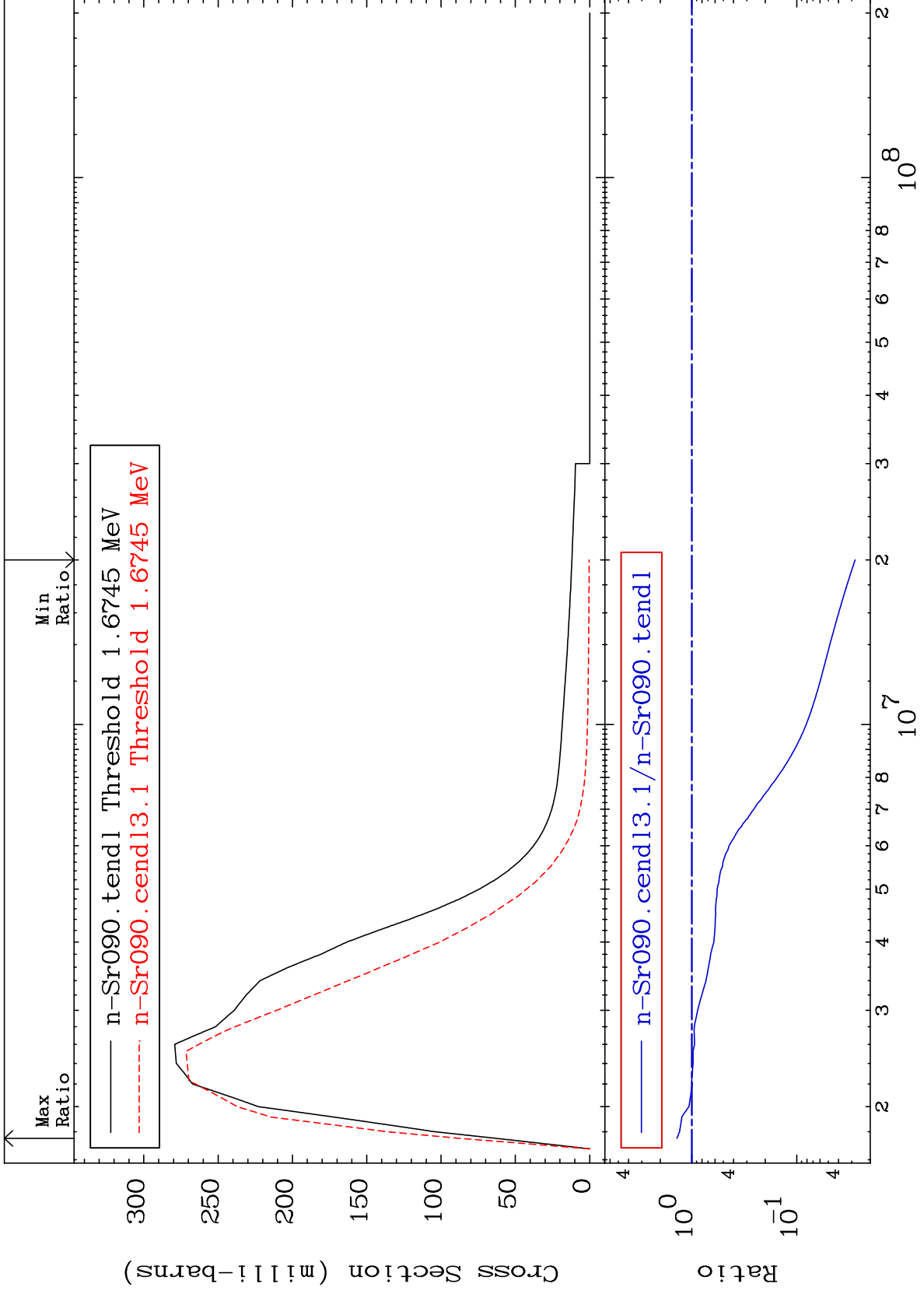
Incident Energy (eV)

38-Sr-90

MAT 3843

MT= 52 (n, n') Level
Cross Section

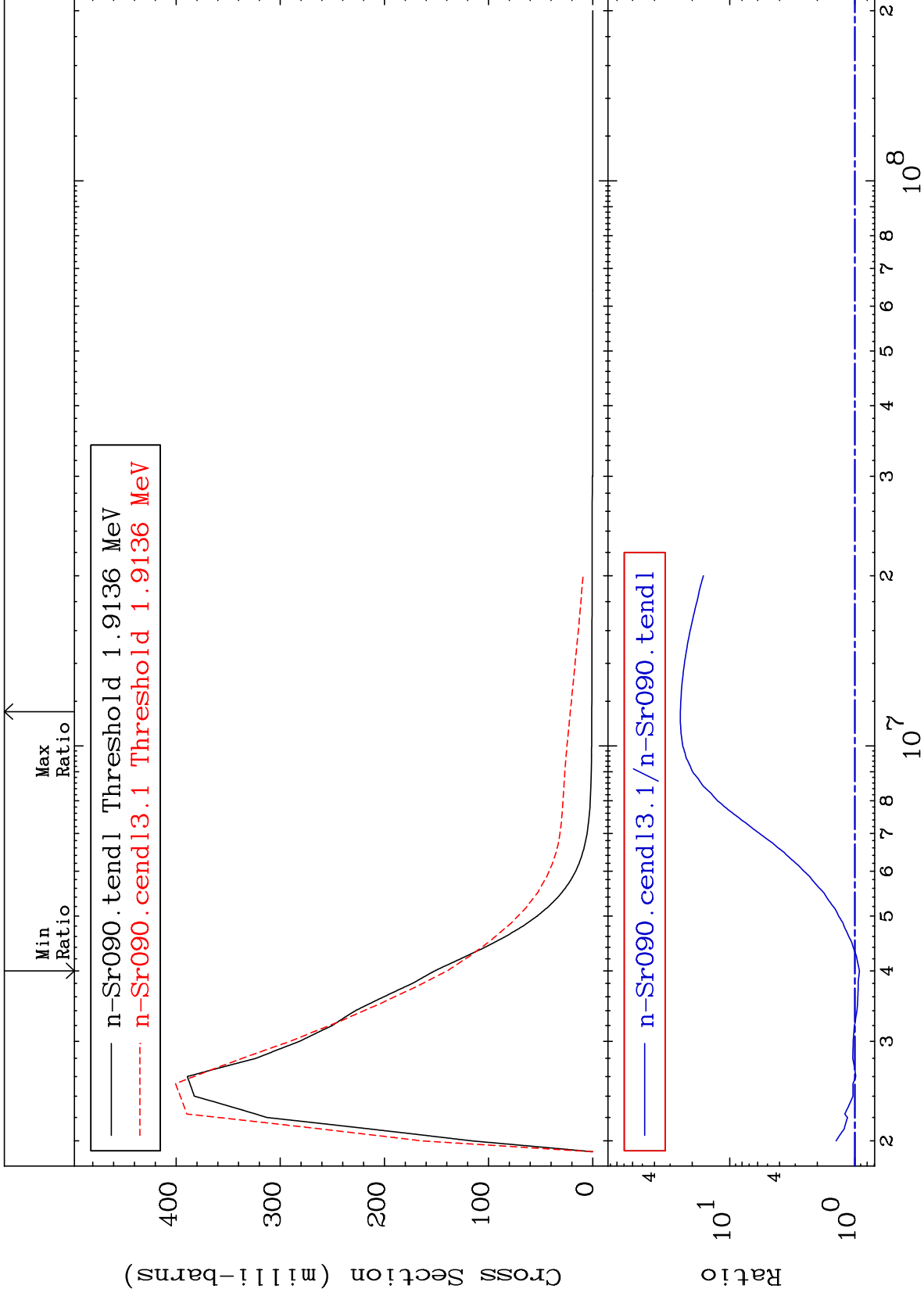
38-Sr-90
-97.22 To 38.64 %



MAT 3843

MT= 53 (n,n') Level
Cross Section

38-Sr-90
-7.945 To 2386. %



10

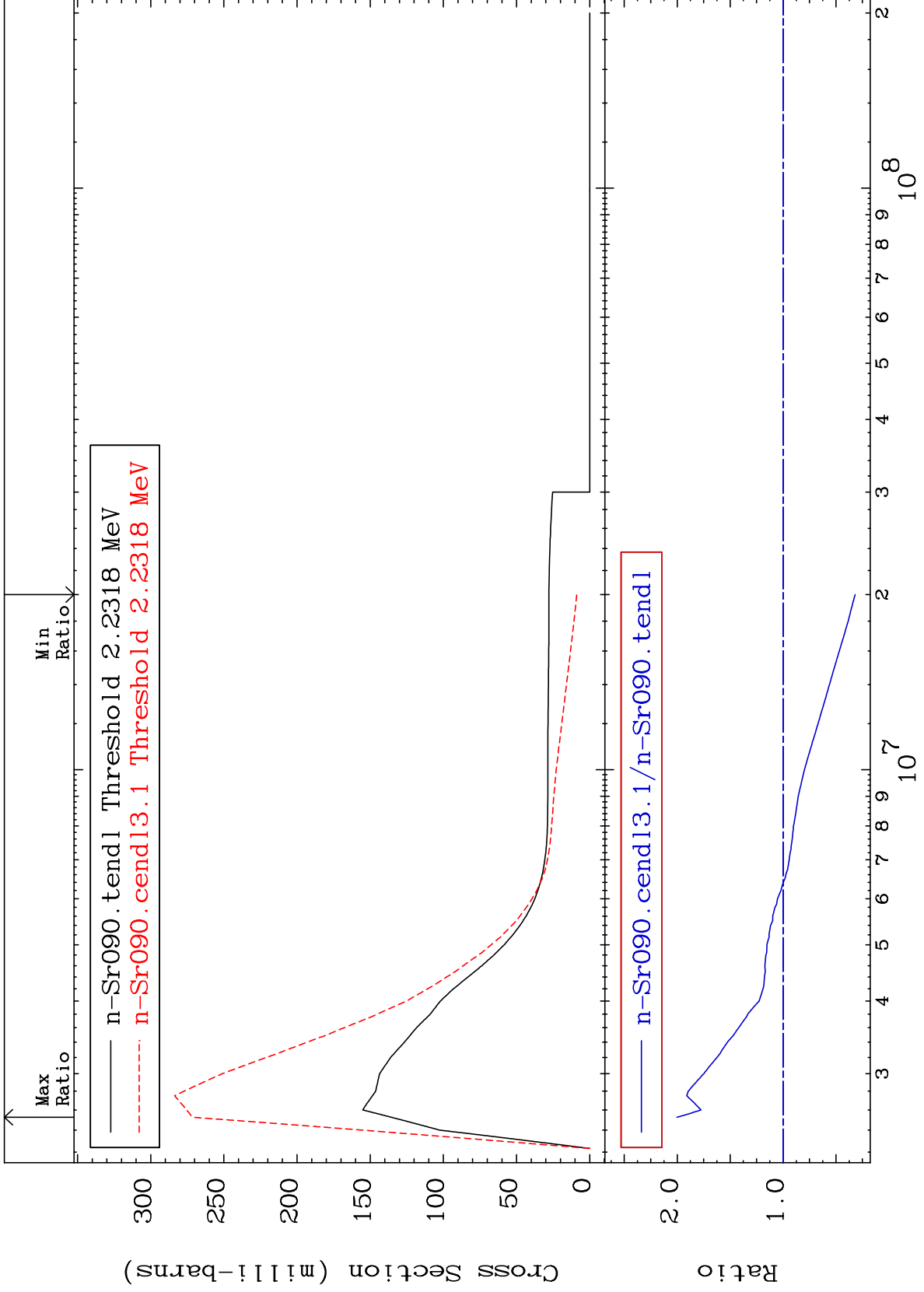
Incident Energy (eV)

38-Sr-90

MAT 3843

MT= 54 (n,n') Level
Cross Section

38-Sr-90
-68.07 To 100.3 %



11

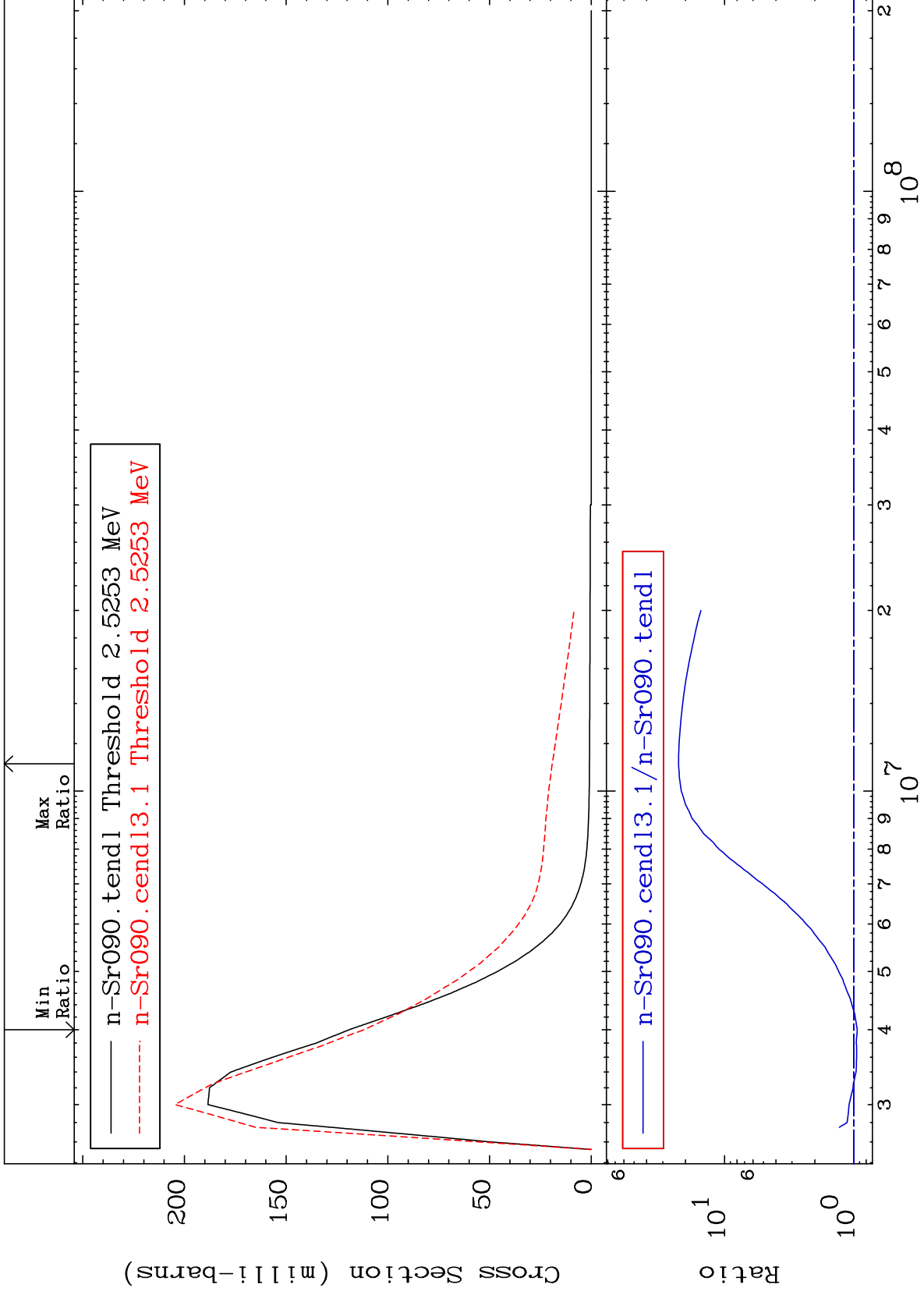
Incident Energy (eV)

38-Sr-90

MAT 3843

MT= 55 (n,n') Level
Cross Section

38-Sr-90
-6.106 To 2162. %



12

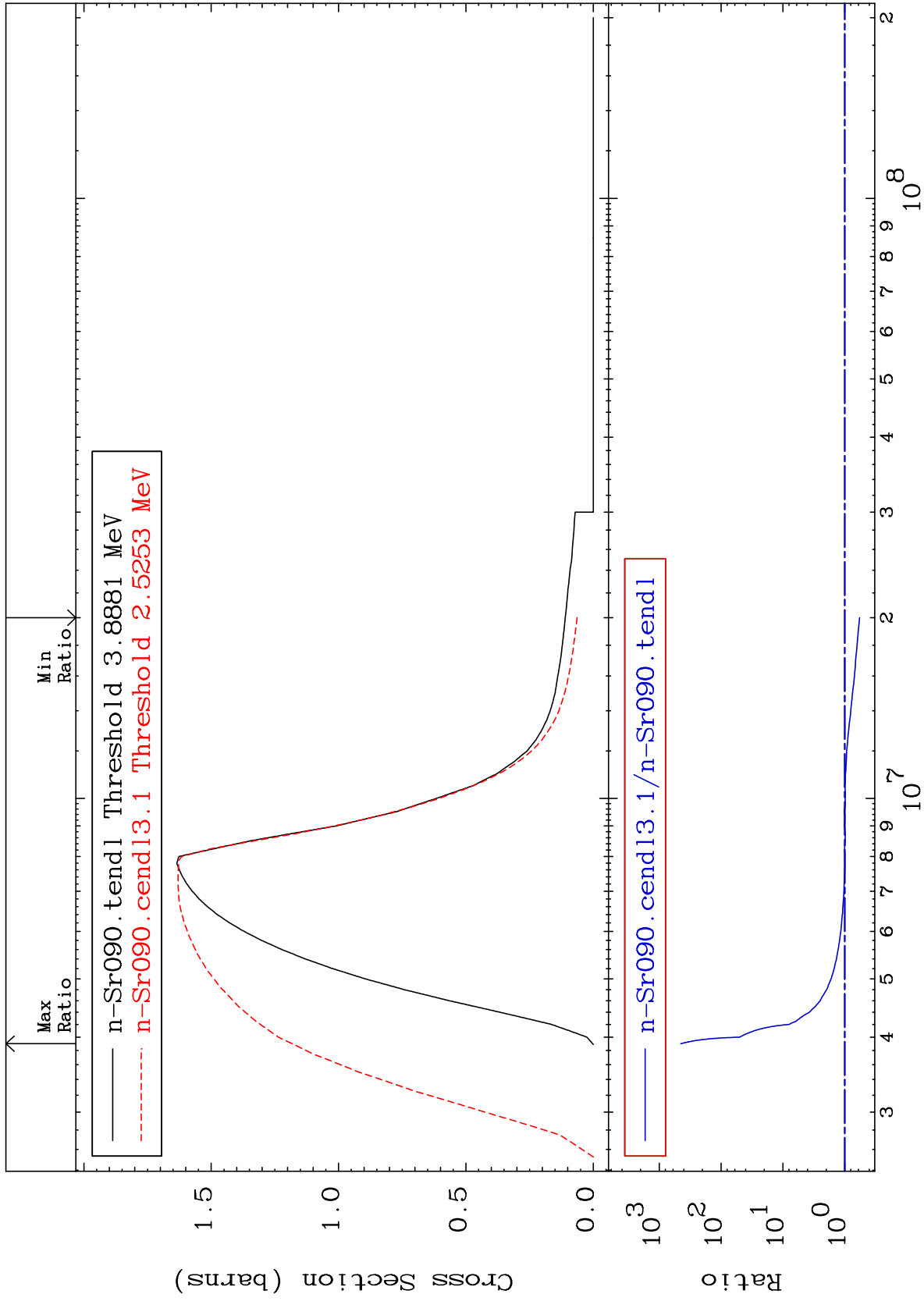
Incident Energy (eV)

38-Sr-90

MAT 3843

(n, n') Continuum
Cross Section

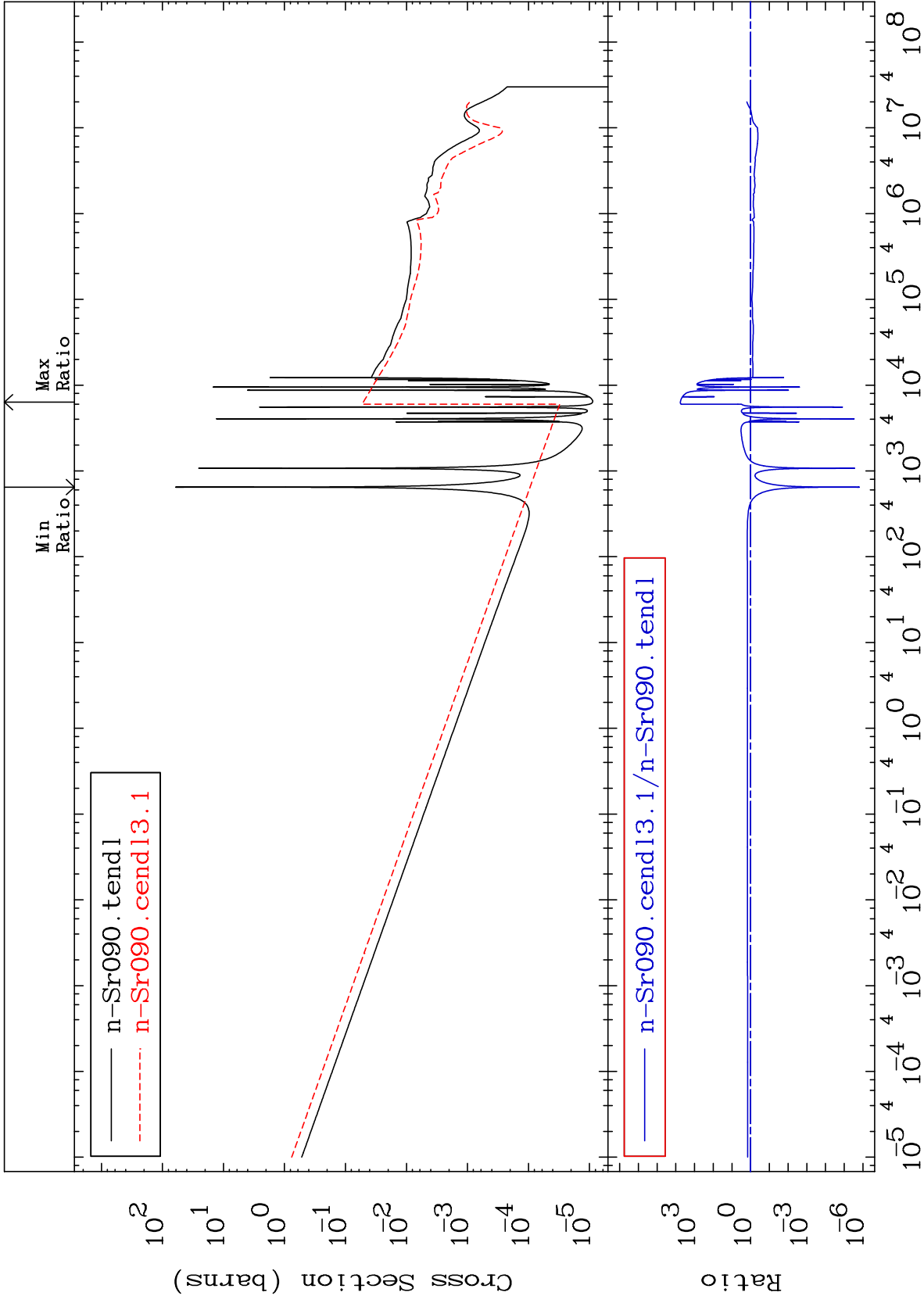
38-Sr-90
-42.33 To 9999. %



MAT 3843

(n, γ)
Cross Section

38-Sr-90
-100.0 To 9999. %



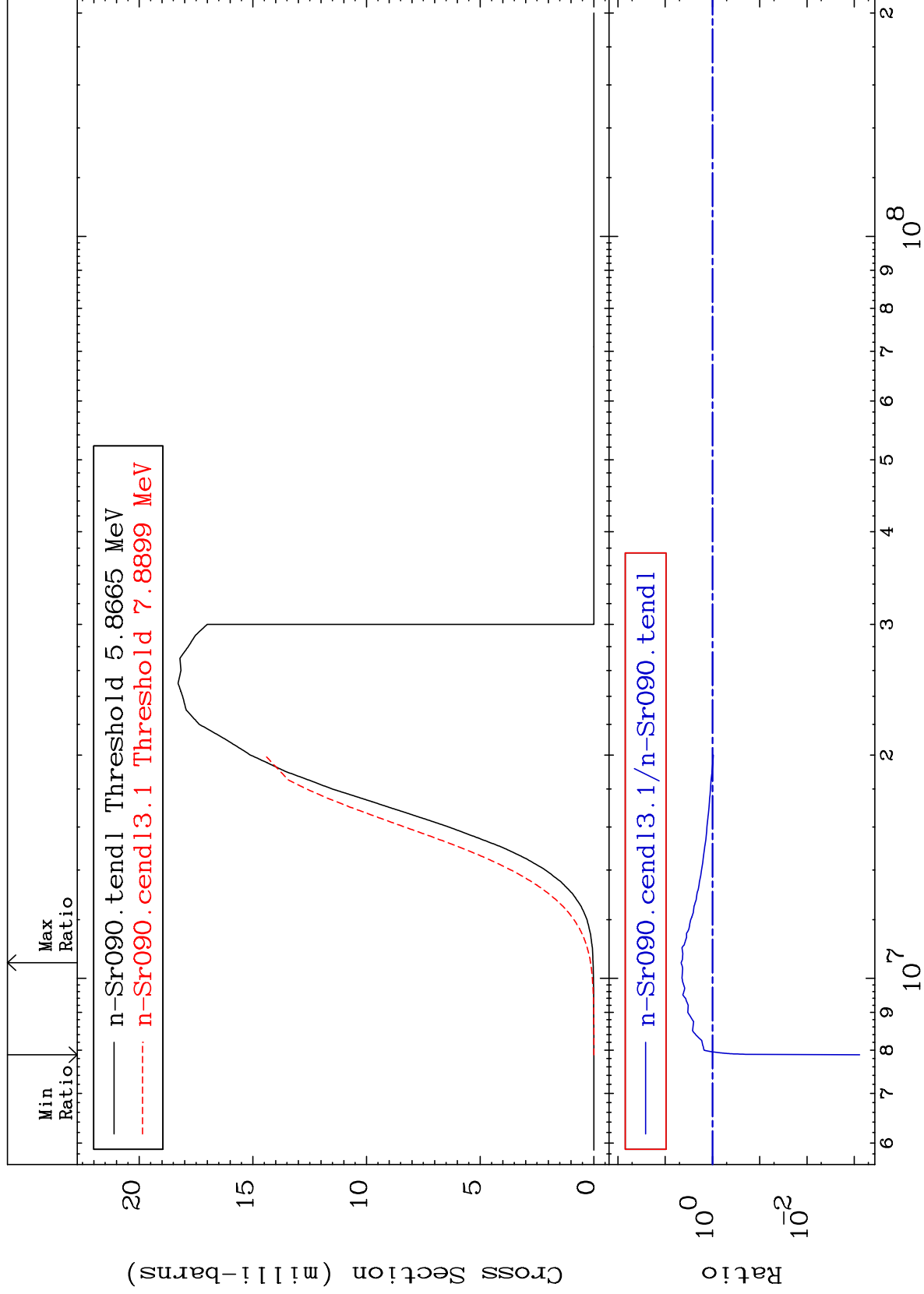
MAT 3843

(n,p)

38-Sr-90

Cross Section

-99.92 To 358.3 %



15

Incident Energy (eV)

38-Sr-90

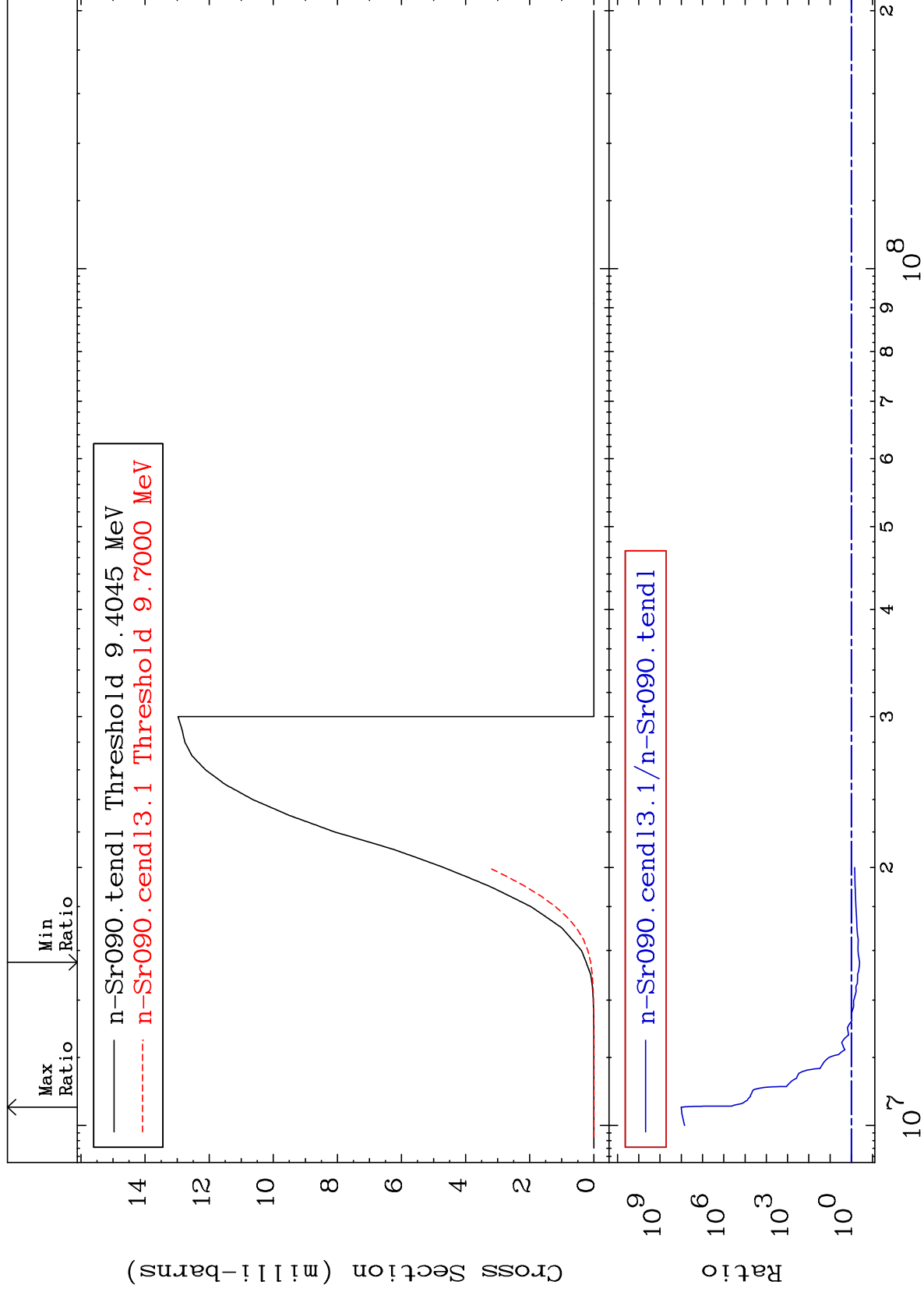
MAT 3843

(n, d)

38-Sr-90

Cross Section

-59.55 To 9999. %



16

Incident Energy (eV)

38-Sr-90

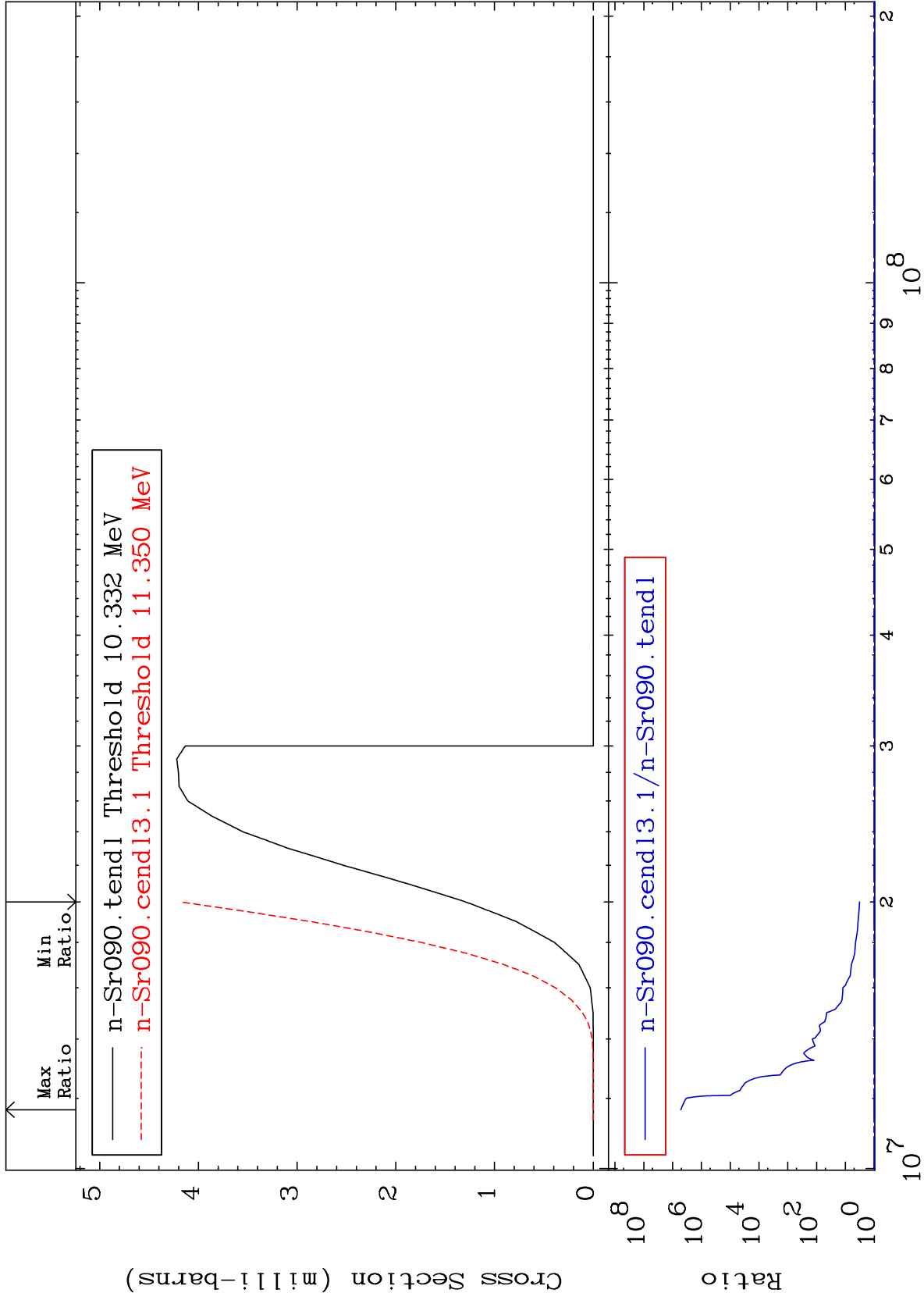
MAT 3843

(n, t)

38-Sr-90

Cross Section

223.8 To 9999. %



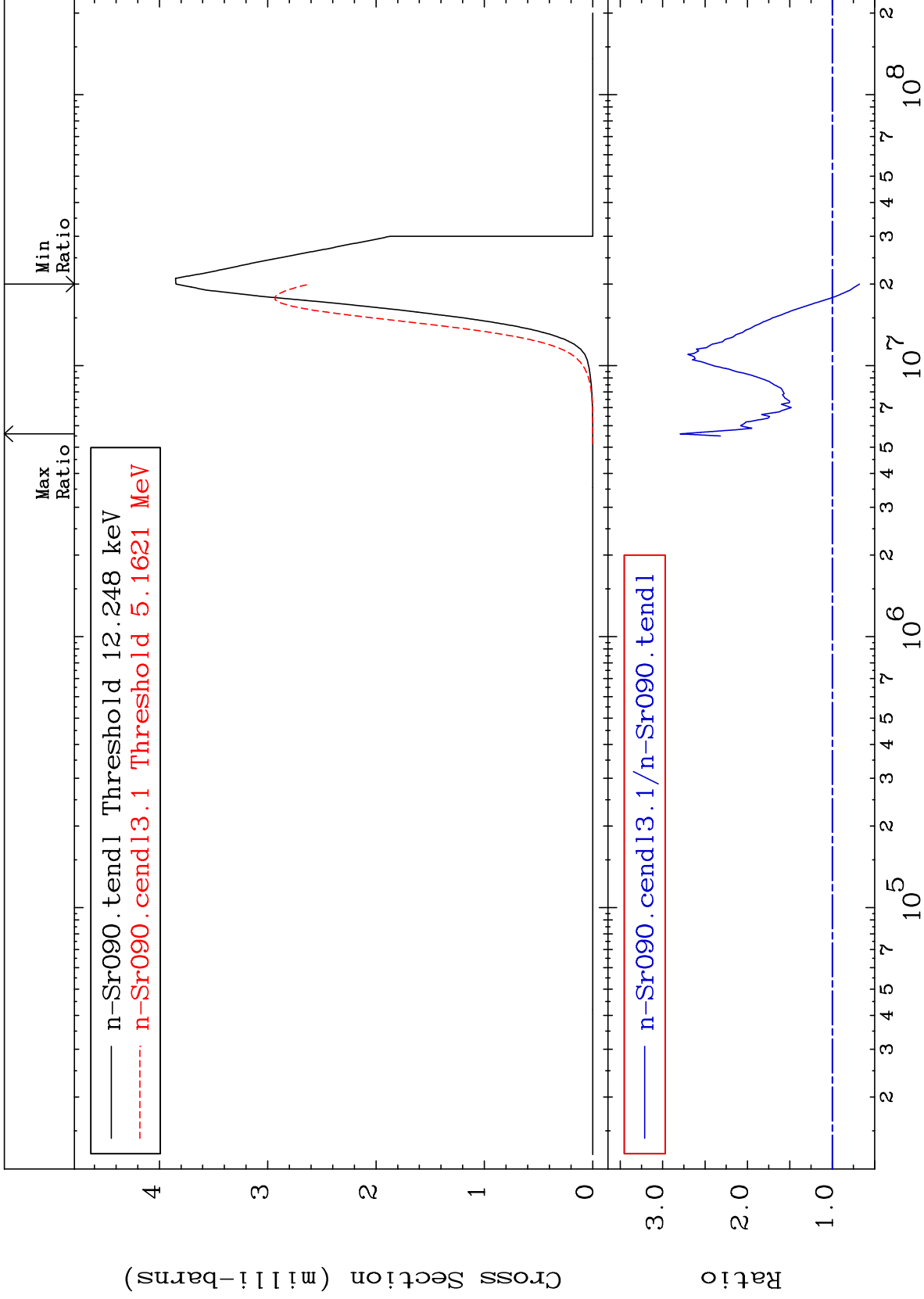
MAT 3843

(n, α)

38-Sr-90

Cross Section

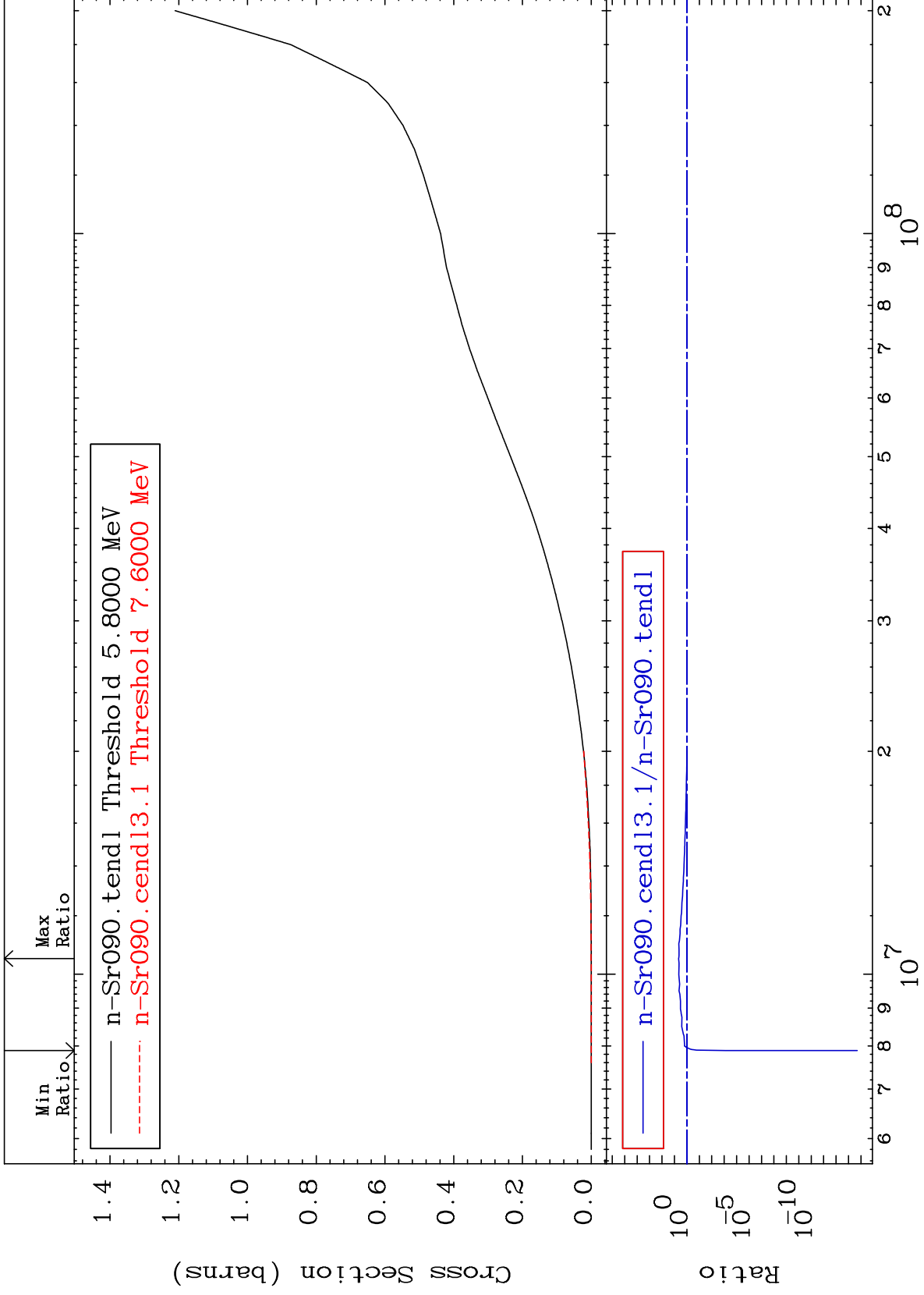
-32.05 To 179.1 %



MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-100.0 To 358.3 %



19

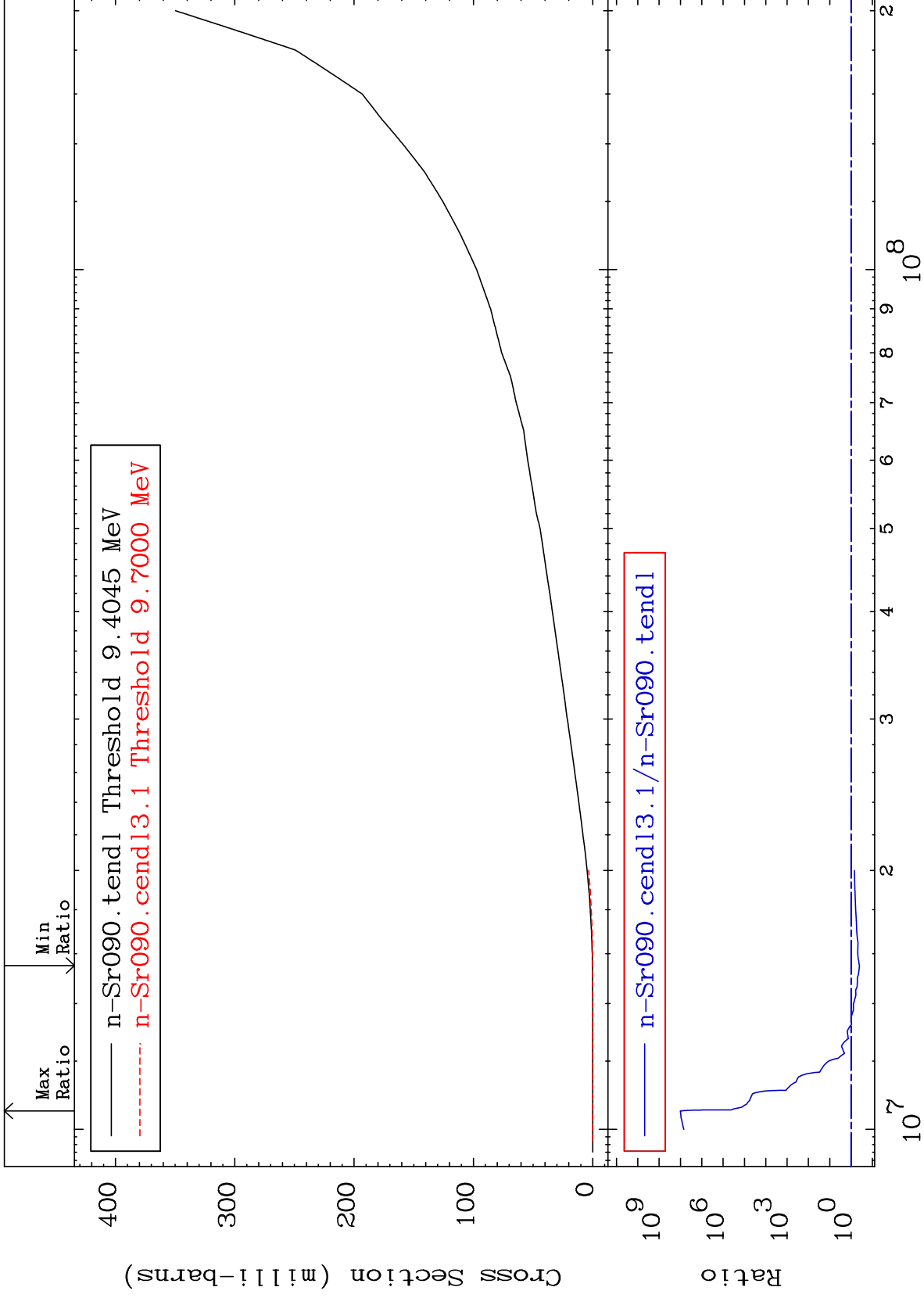
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-59.55 To 9999. %



20

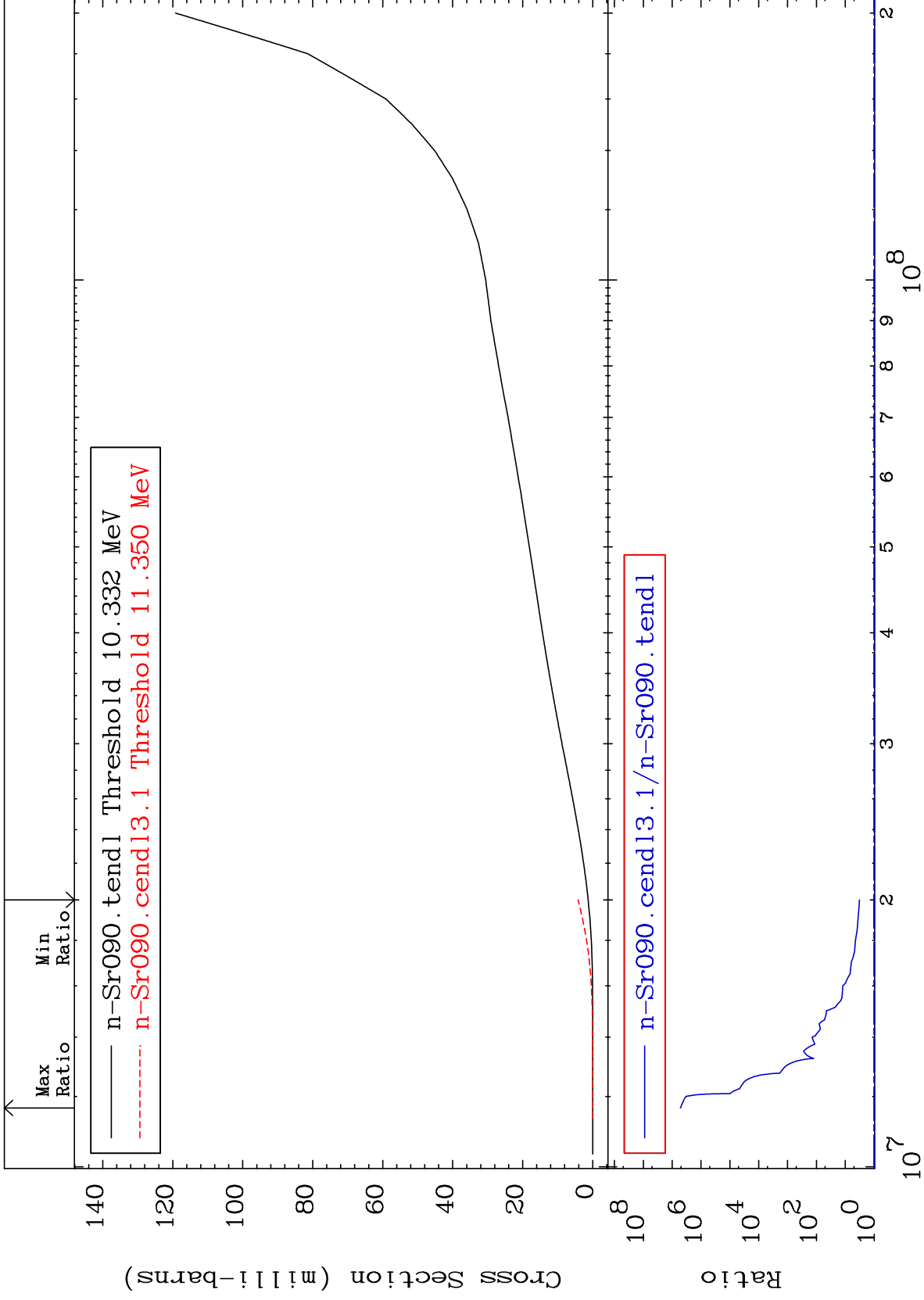
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

38-Sr-90
223.7 To 9999. %



21

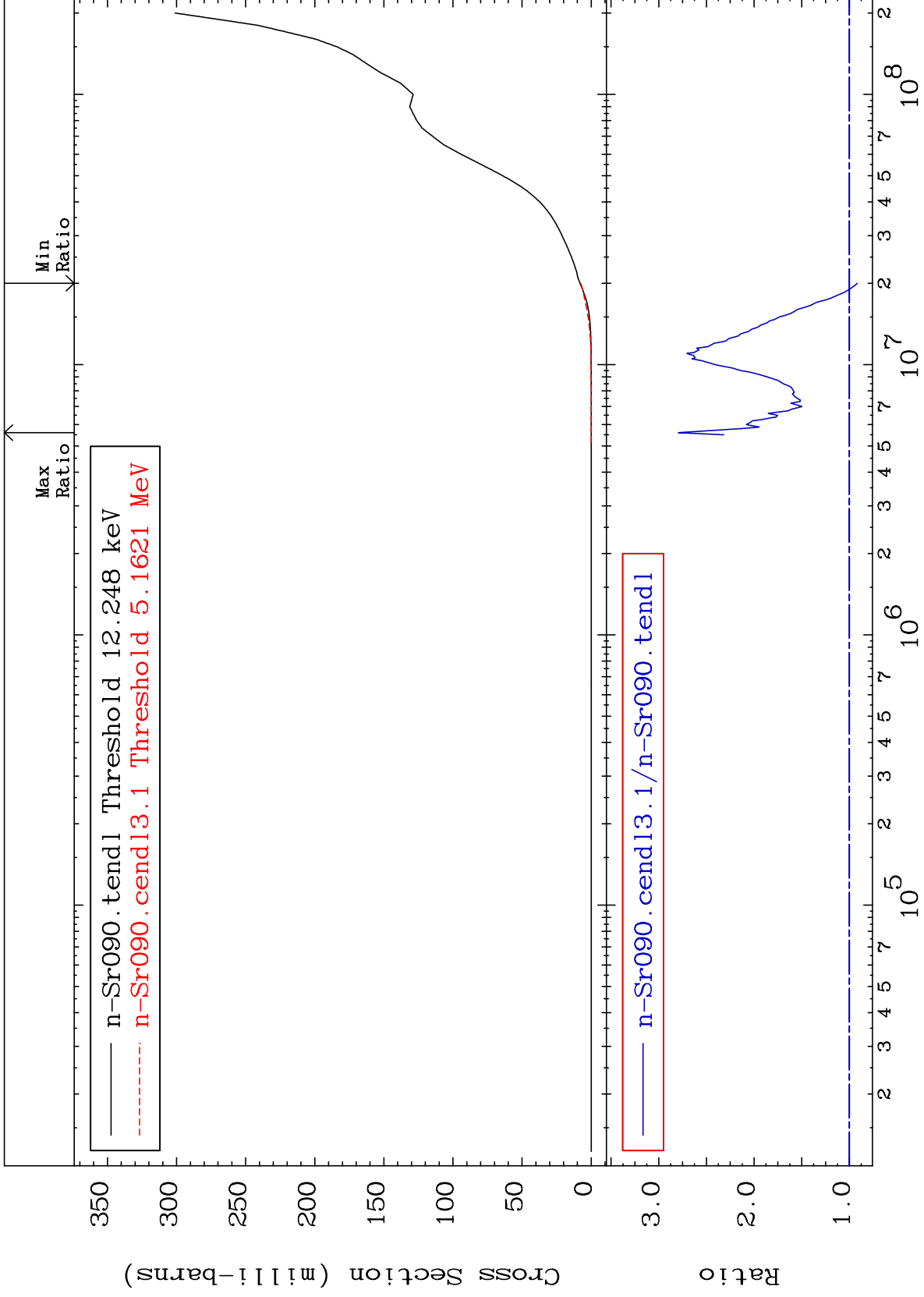
Incident Energy (eV)

38-Sr-90

MAT 3843

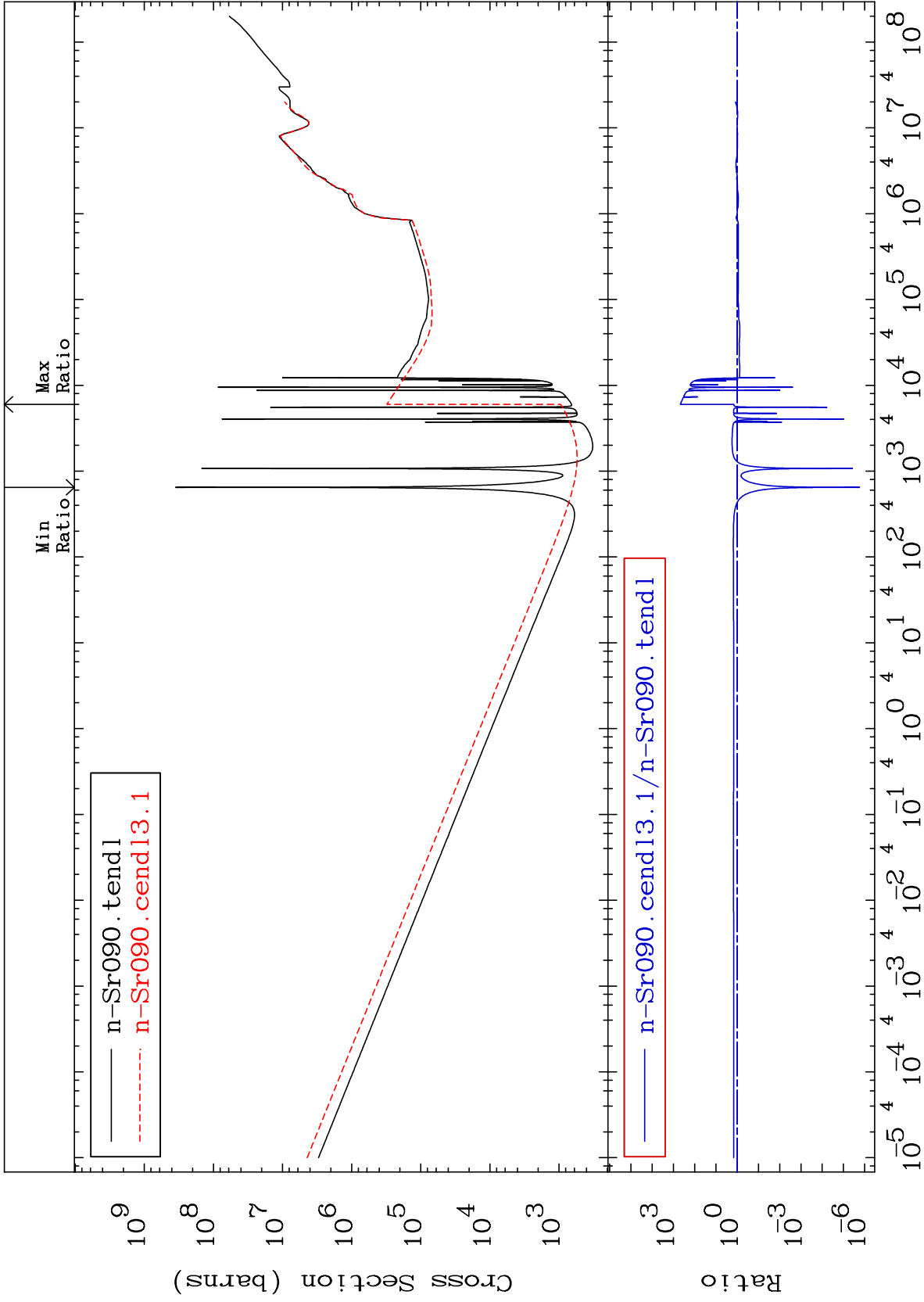
He-4 Production
Cross Section

38-Sr-90
-8.257 To 179.1 %



Cross Section

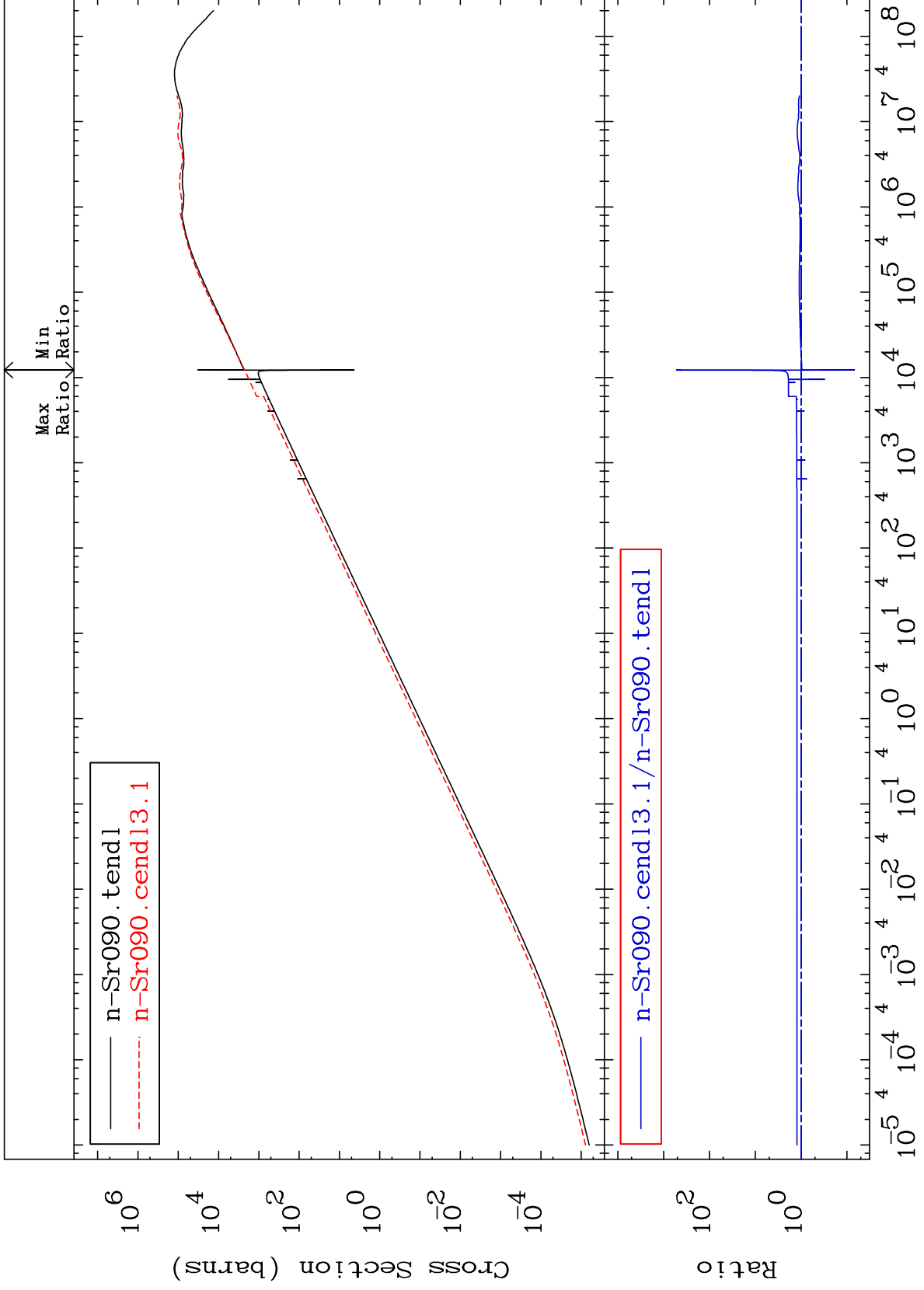
-100.0 To 9999. %



MAT 3843

Kerma elastic
Cross Section

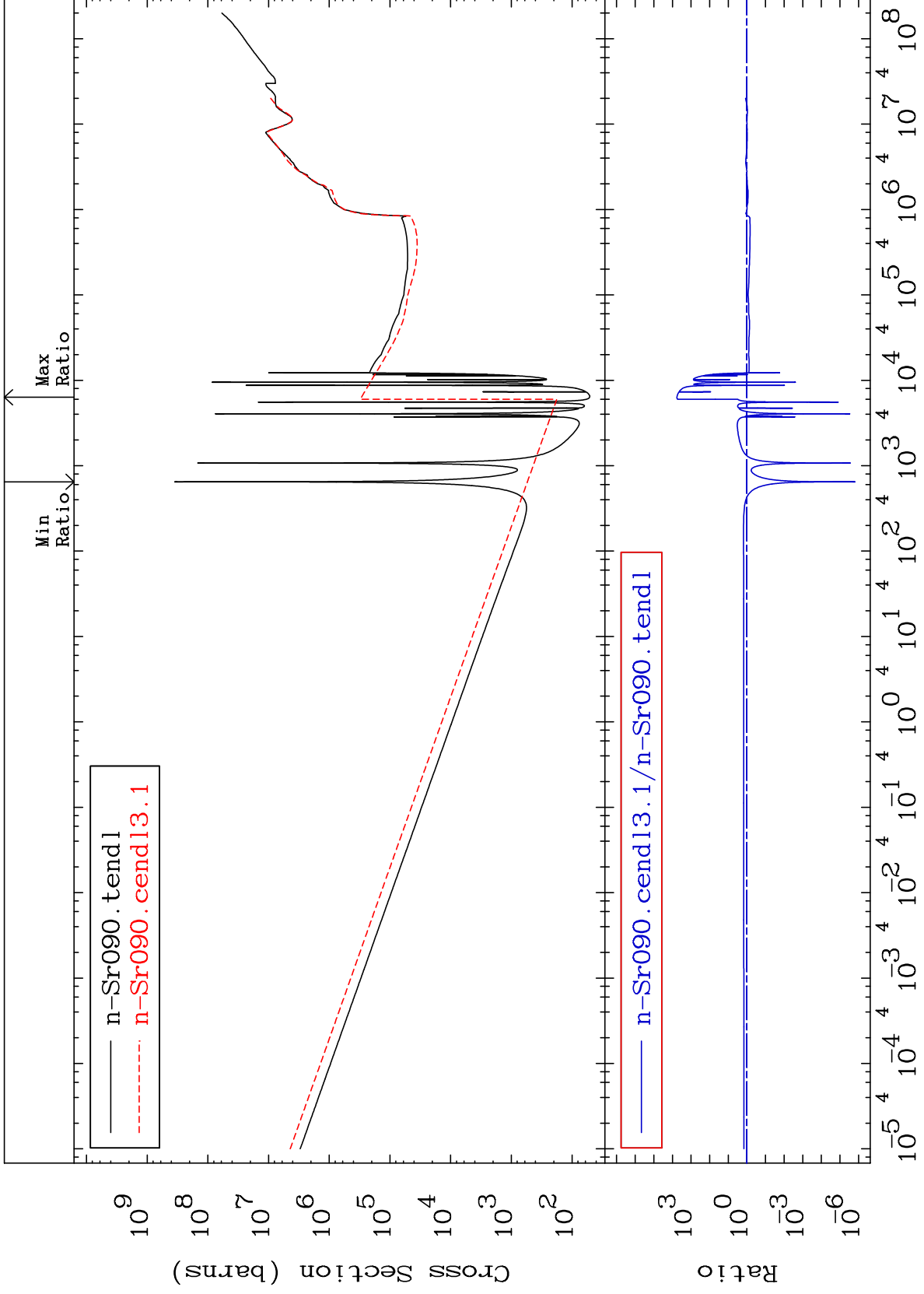
38-Sr-90
-93.12 To 9999. %

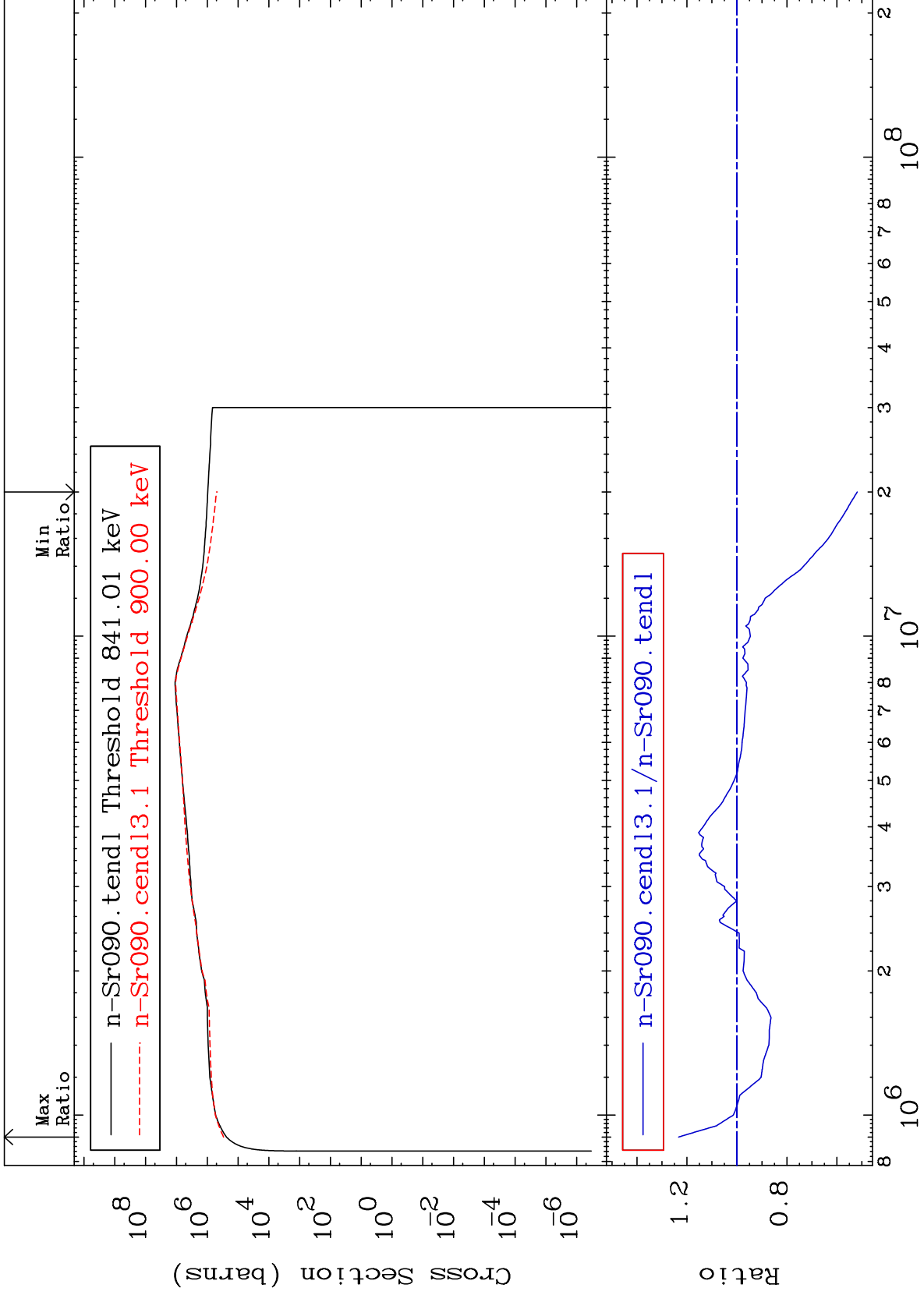


MAT 3843

Kerma non-elastic (all but mt2)
Cross Section

38-Sr-90
-100.0 To 9999. %

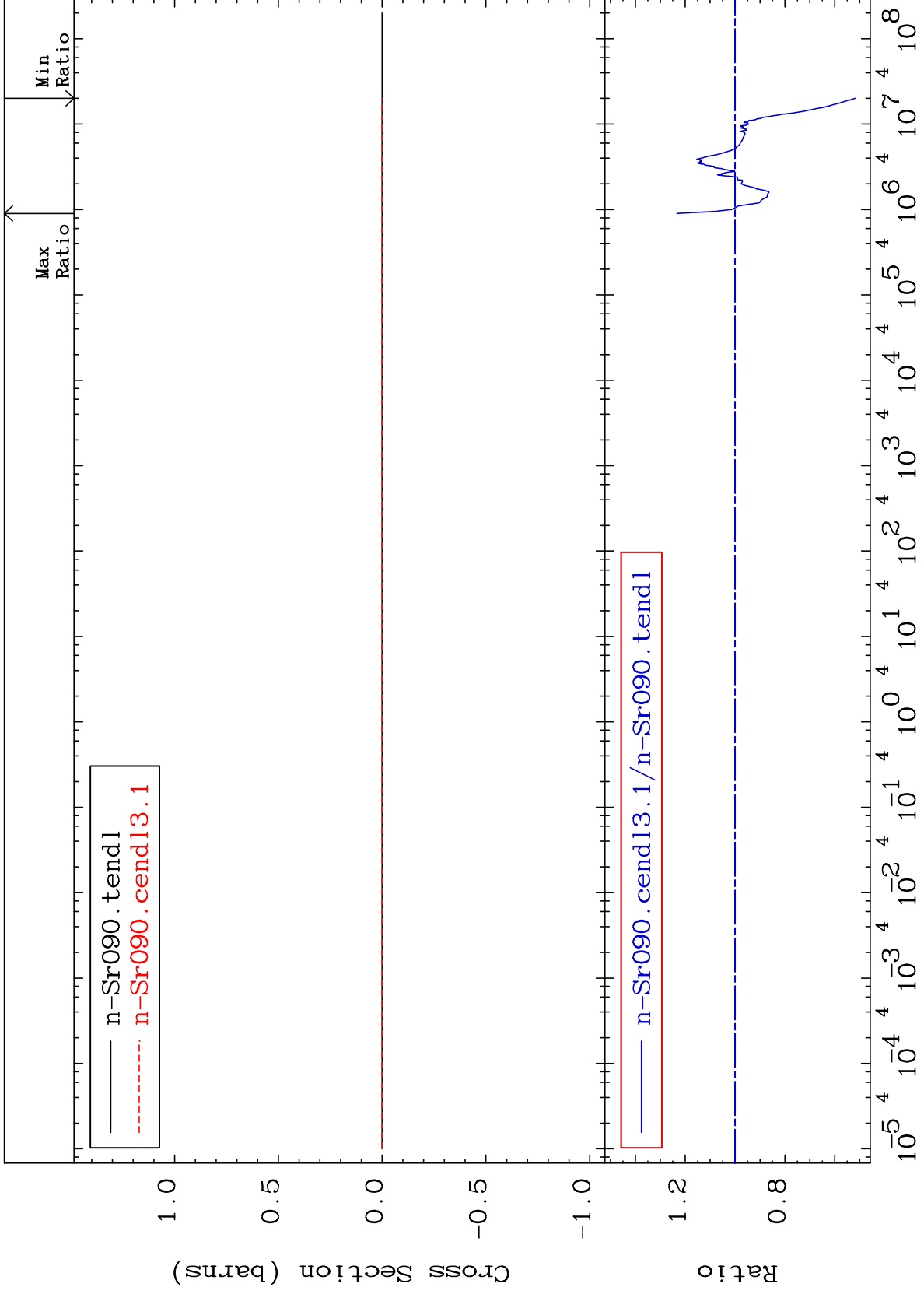


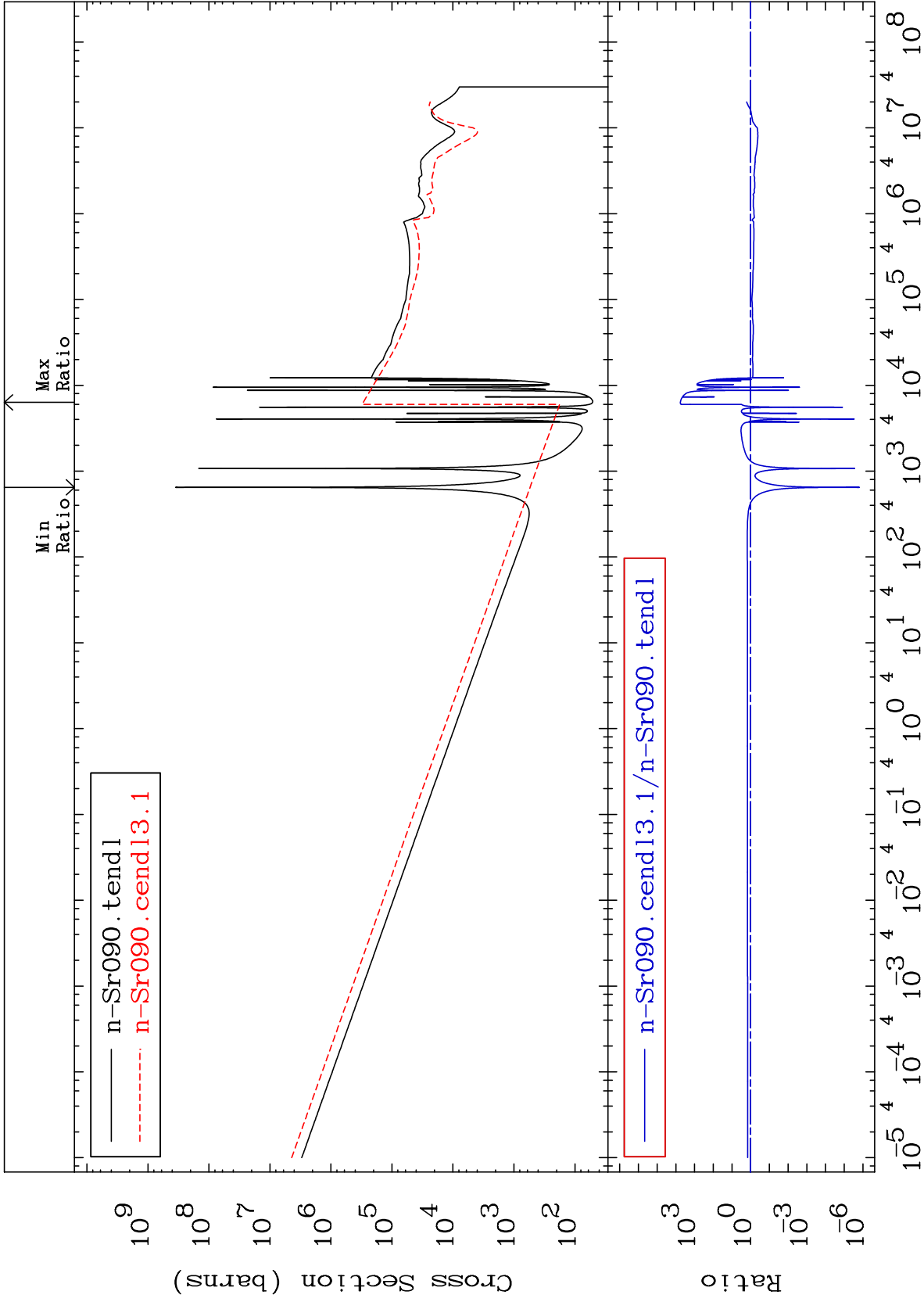


MAT 3843

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

38-Sr-90
-48.19 To 23.34 %

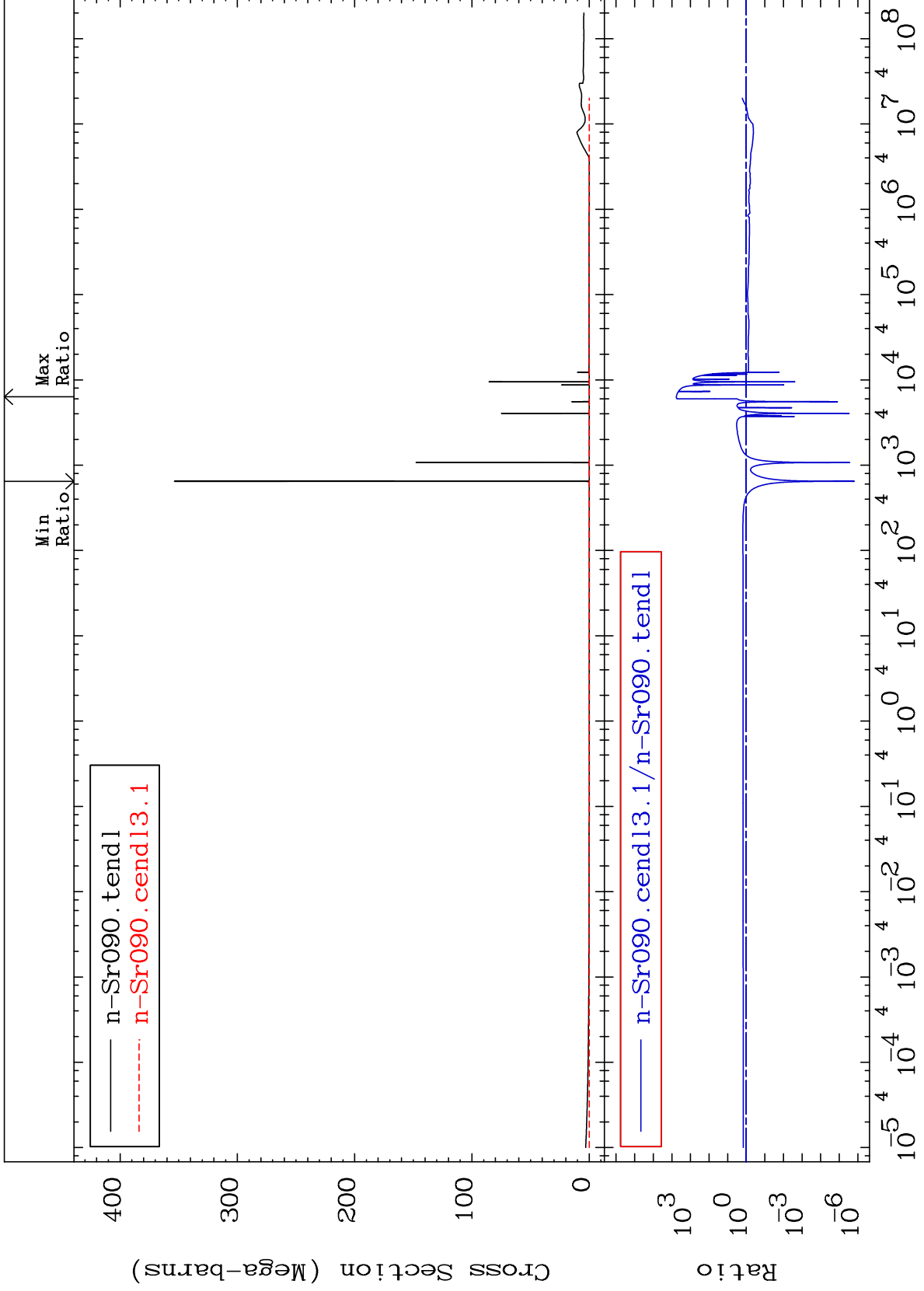




MAT 3843

Total photon (eV-barns)
Cross Section

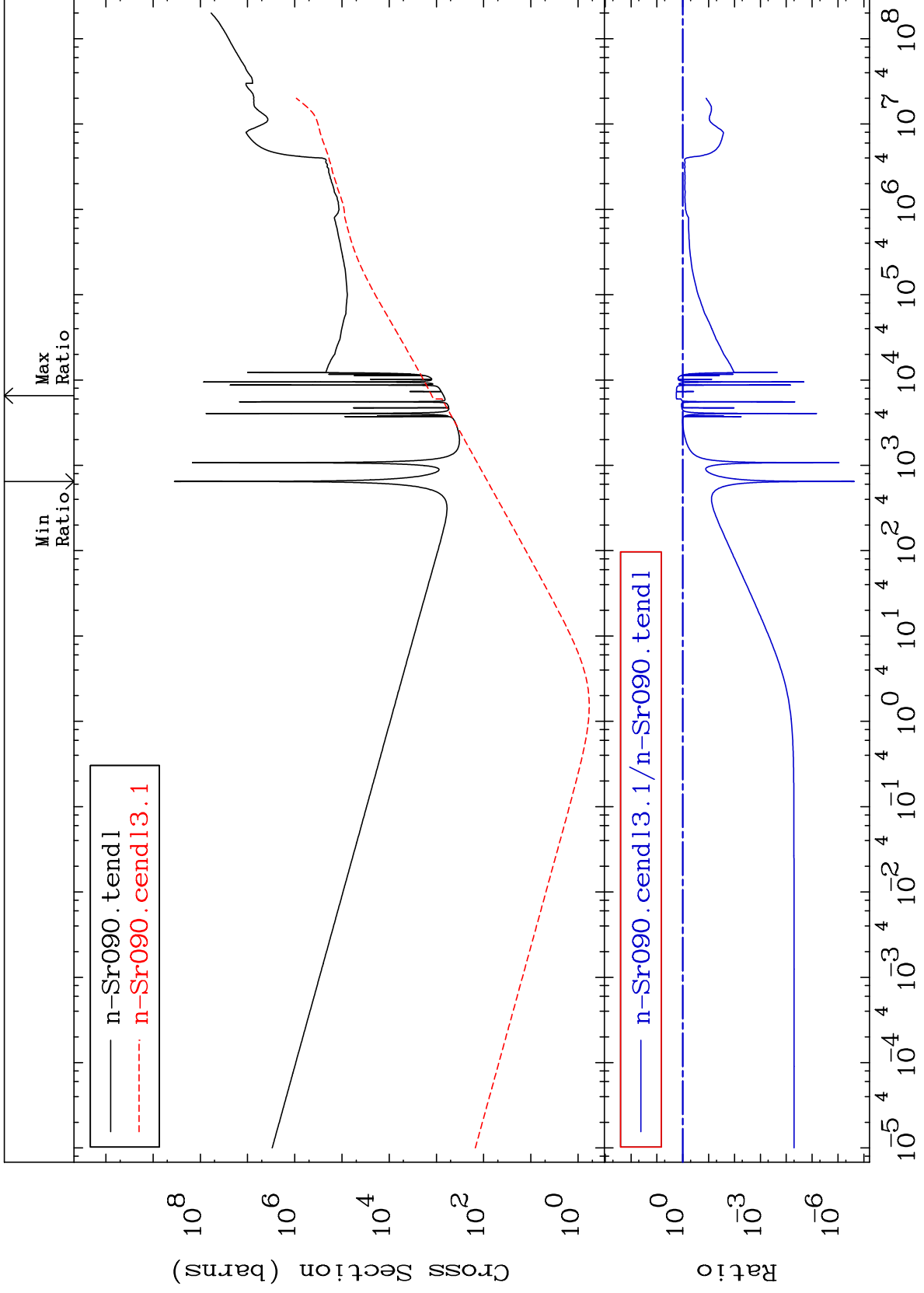
38-Sr-90
-100.0 To 9999. %



MAT 3843

Total kinematic kerma (high limit)
Cross Section

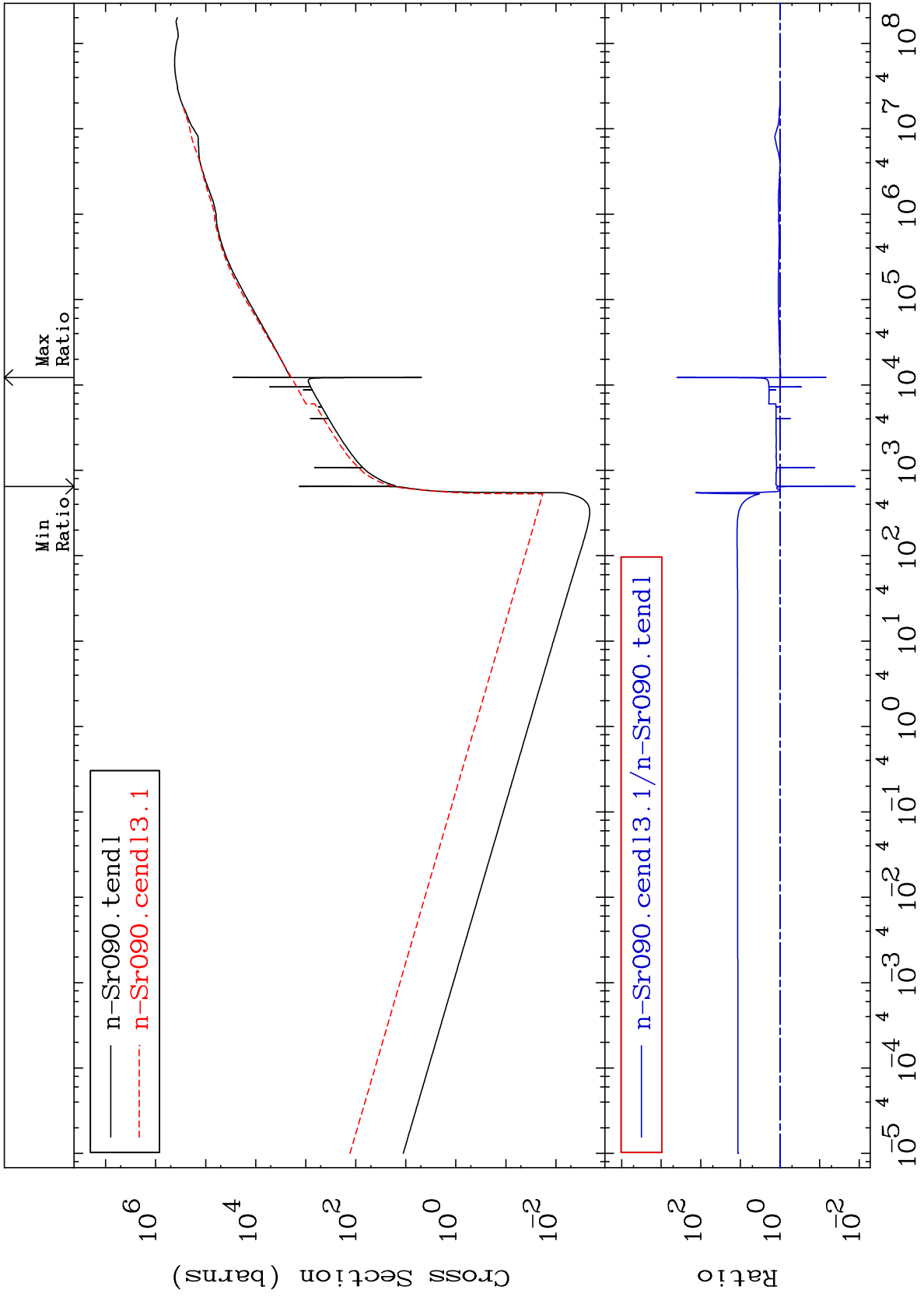
38-Sr-90
-100.0 To 76.97 %



30

Incident Energy (eV)

38-Sr-90



MAT 3843

Dpa elastic (mt2)
Cross Section

38-Sr-90
-93.12 To 9999. %

