

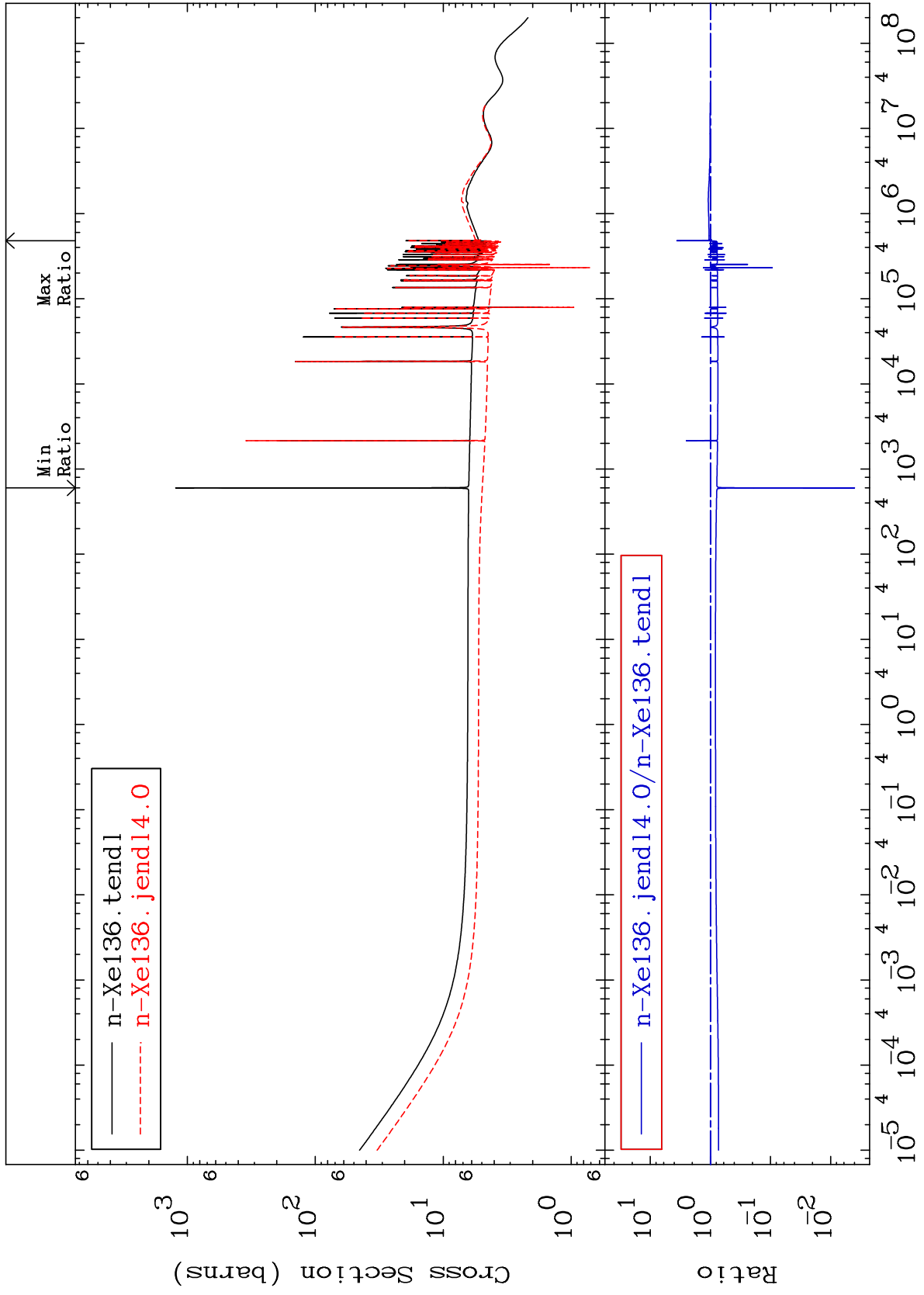
MAT 5461

Total

54-Xe-136

Cross Section

-99.60 To 262.7 %



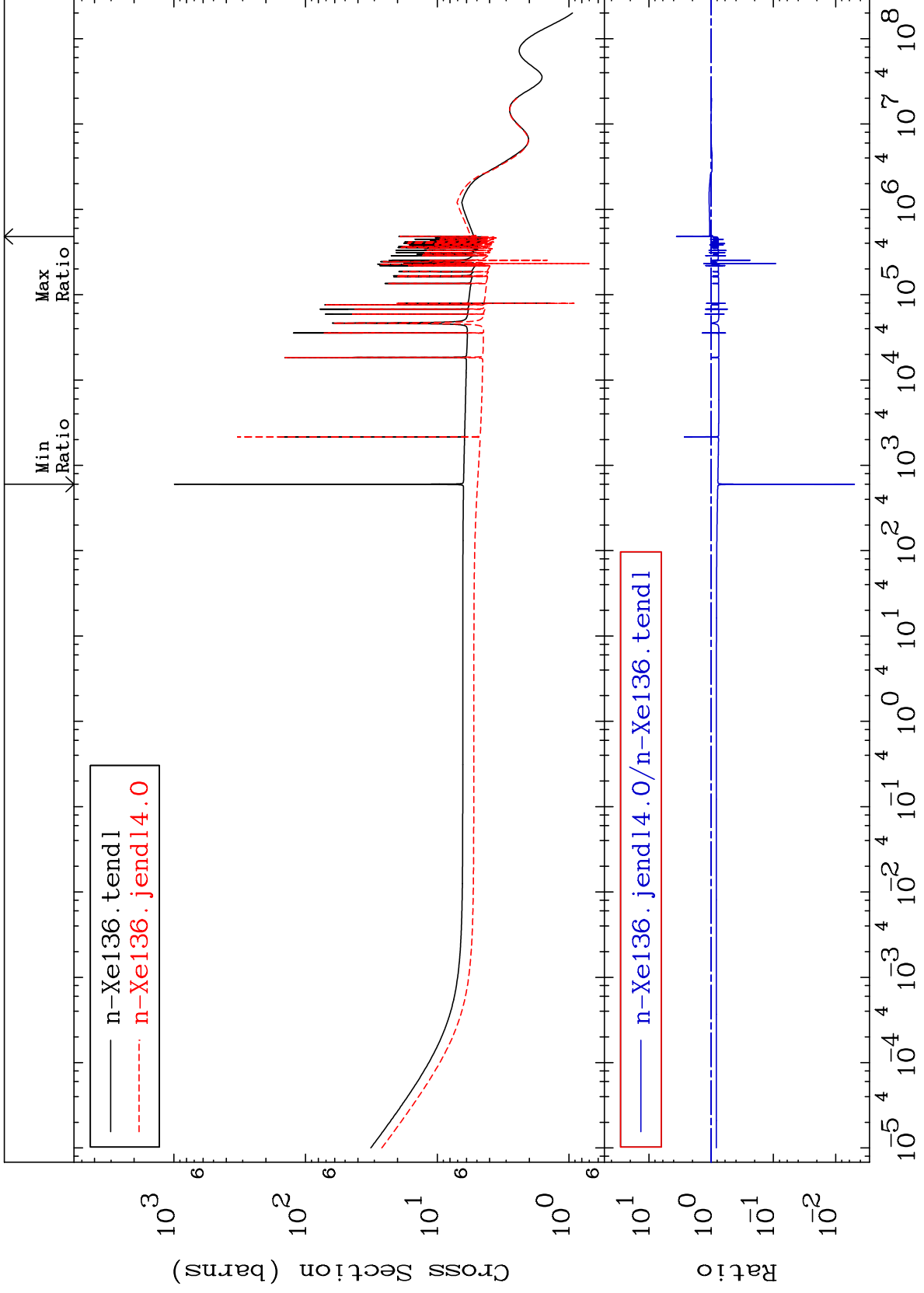
Incident Energy (eV)

54-Xe-136

MAT 5461

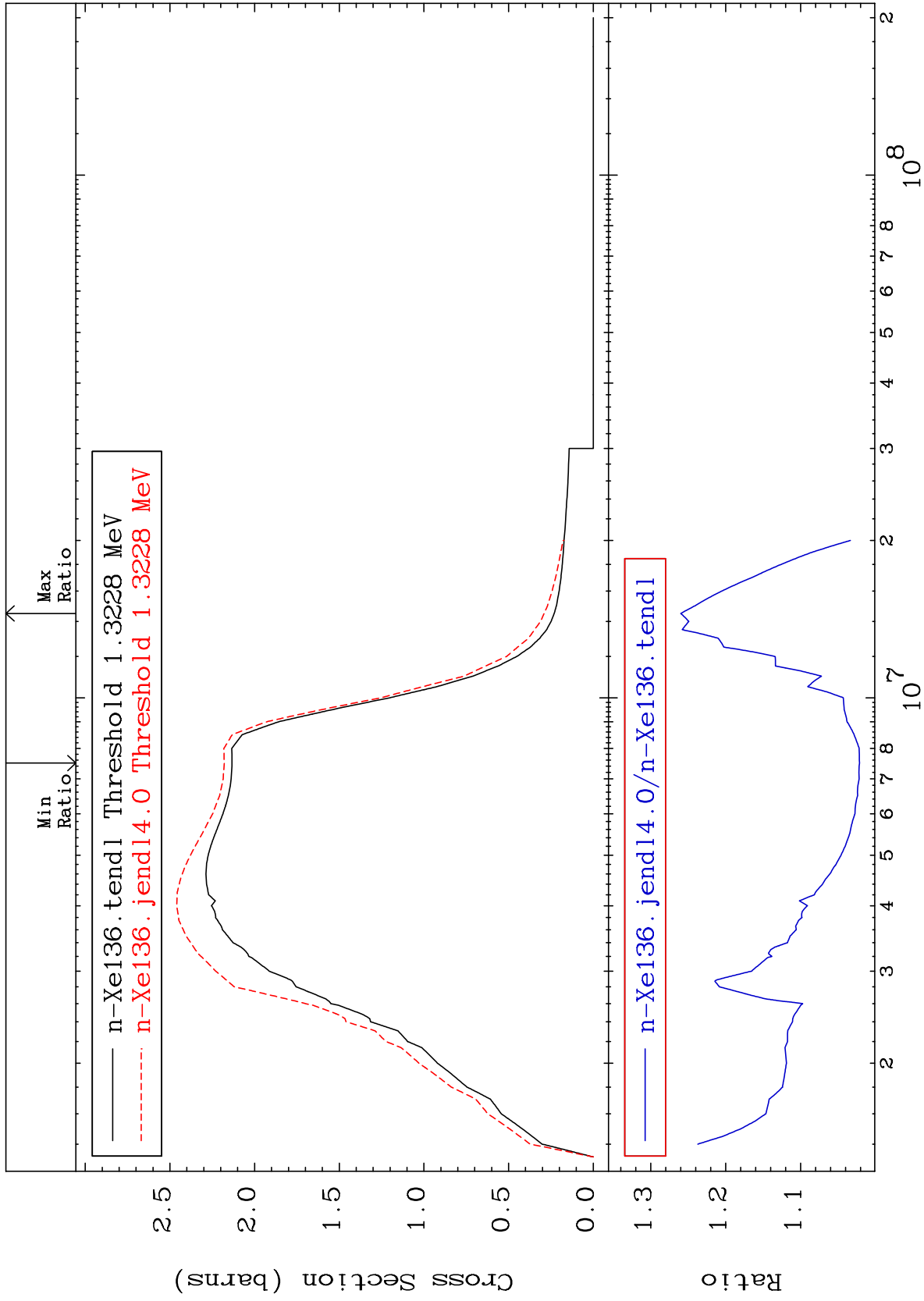
Elastic
Cross Section

54-Xe-136
-99.50 To 262.7 %



MAT 5461

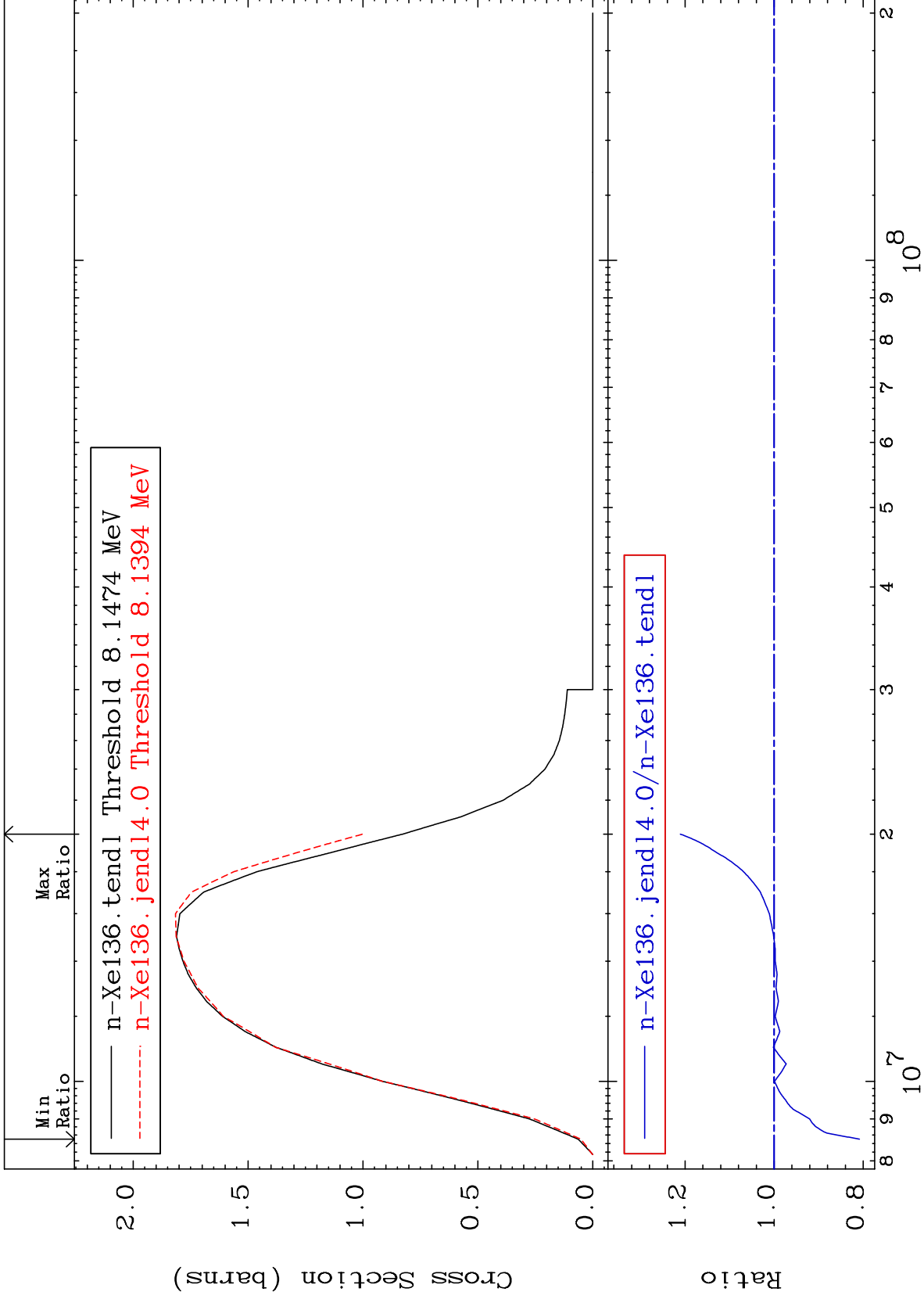
Inelastic Cross Section 54-Xe-136
2.134 To 26.00 %



MAT 5461

(n,2n)
Cross Section

54-Xe-136
-19.16 To 21.07 %



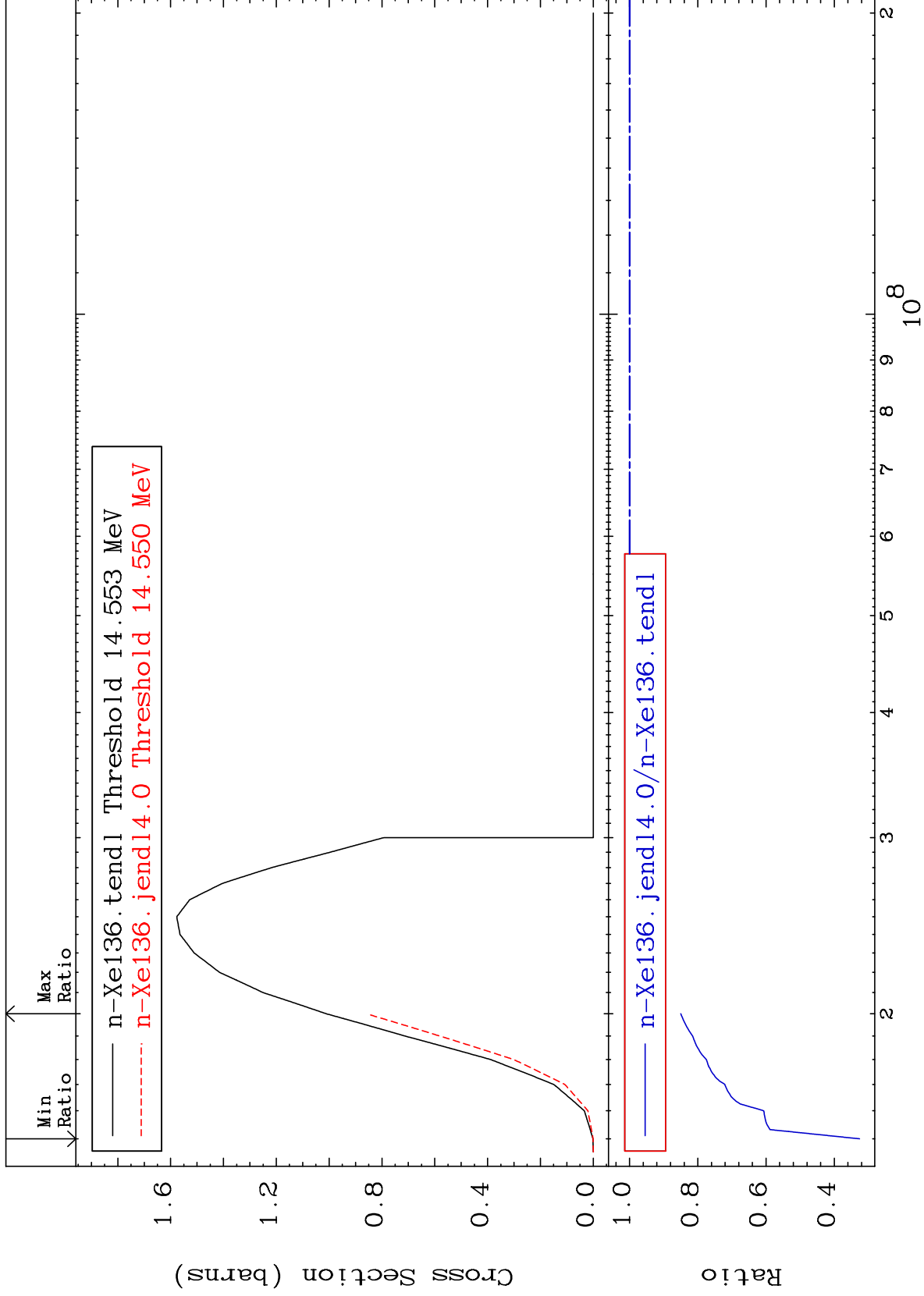
MAT 5461

(n,3n)

54-Xe-136

Cross Section

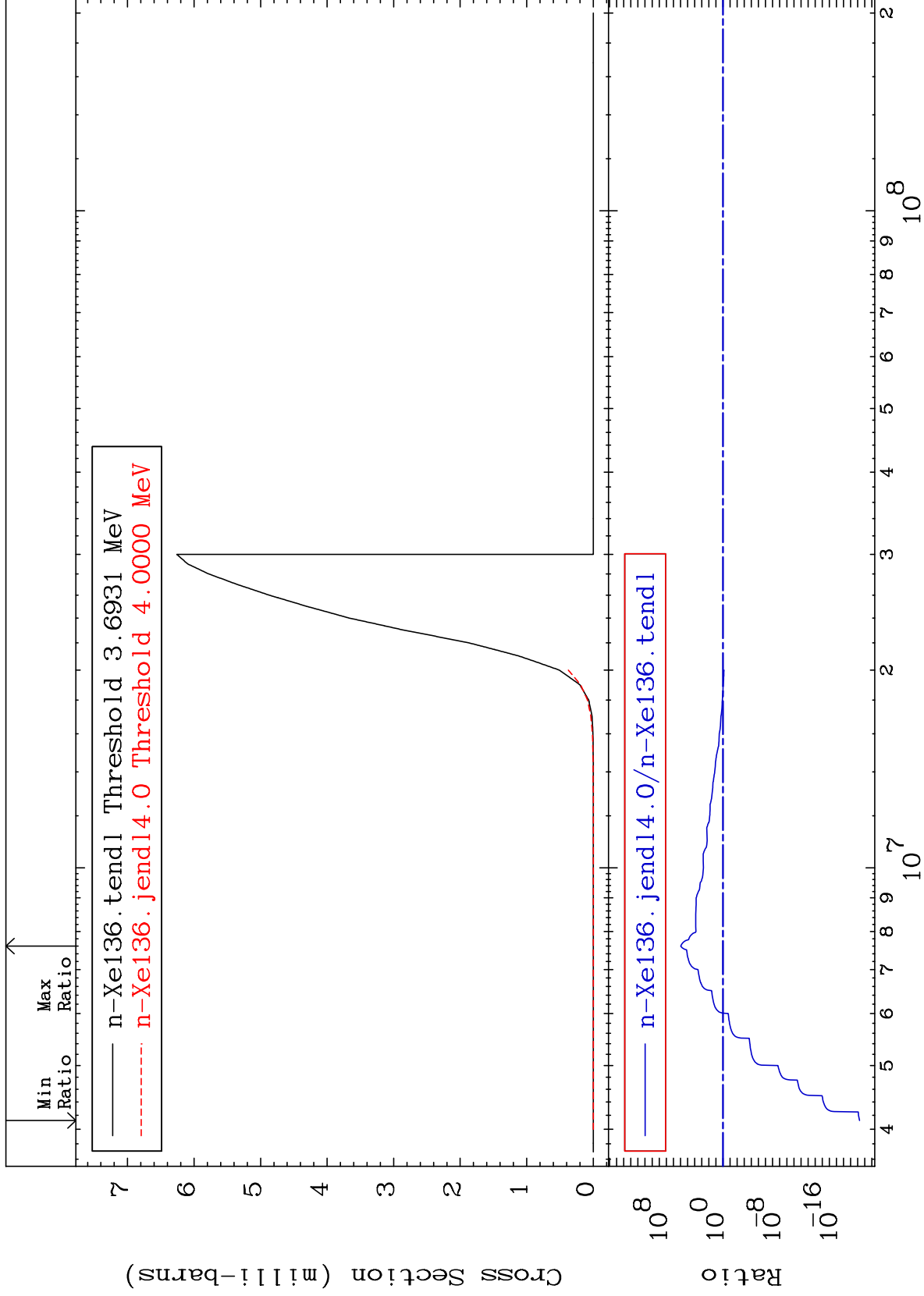
-67.40 To -15.00%



MAT 5461

(n,n') α
Cross Section

54-Xe-136
-100.0 To 9999. %



6

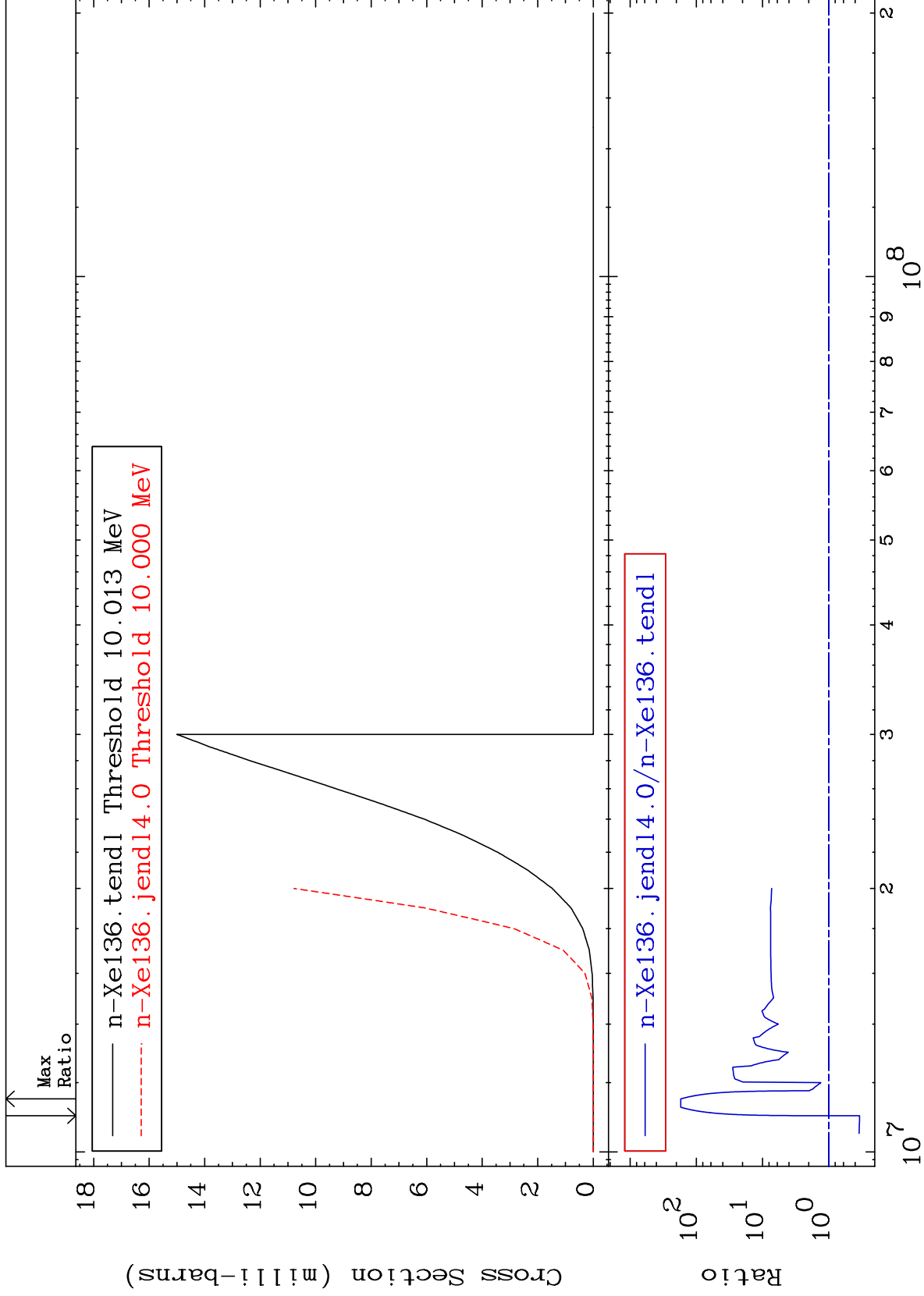
Incident Energy (eV)

54-Xe-136

MAT 5461

(n,n') p
Cross Section

54-Xe-136
-65.68 To 9999. %



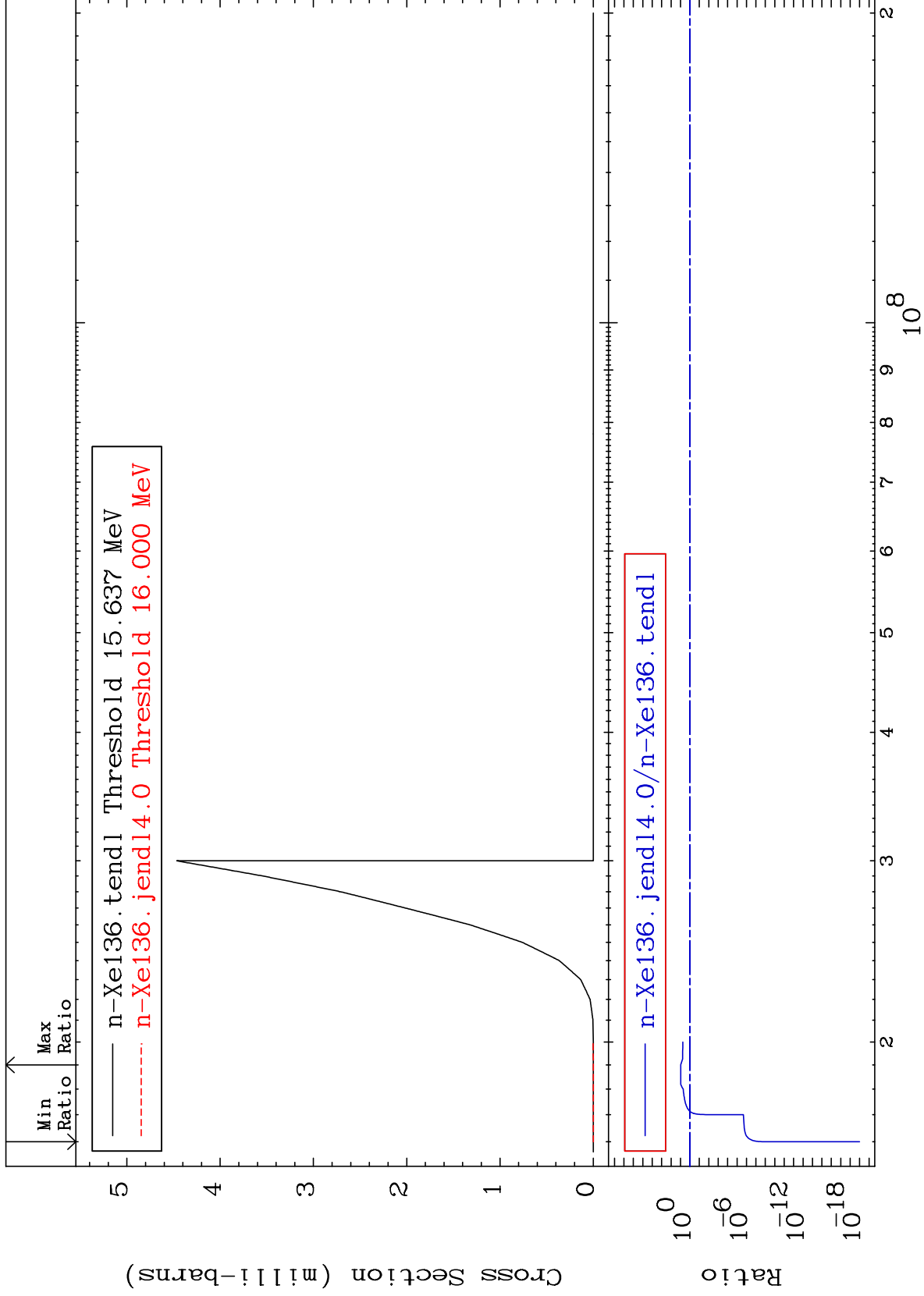
MAT 5461

(n,n') d

54-Xe-136

Cross Section

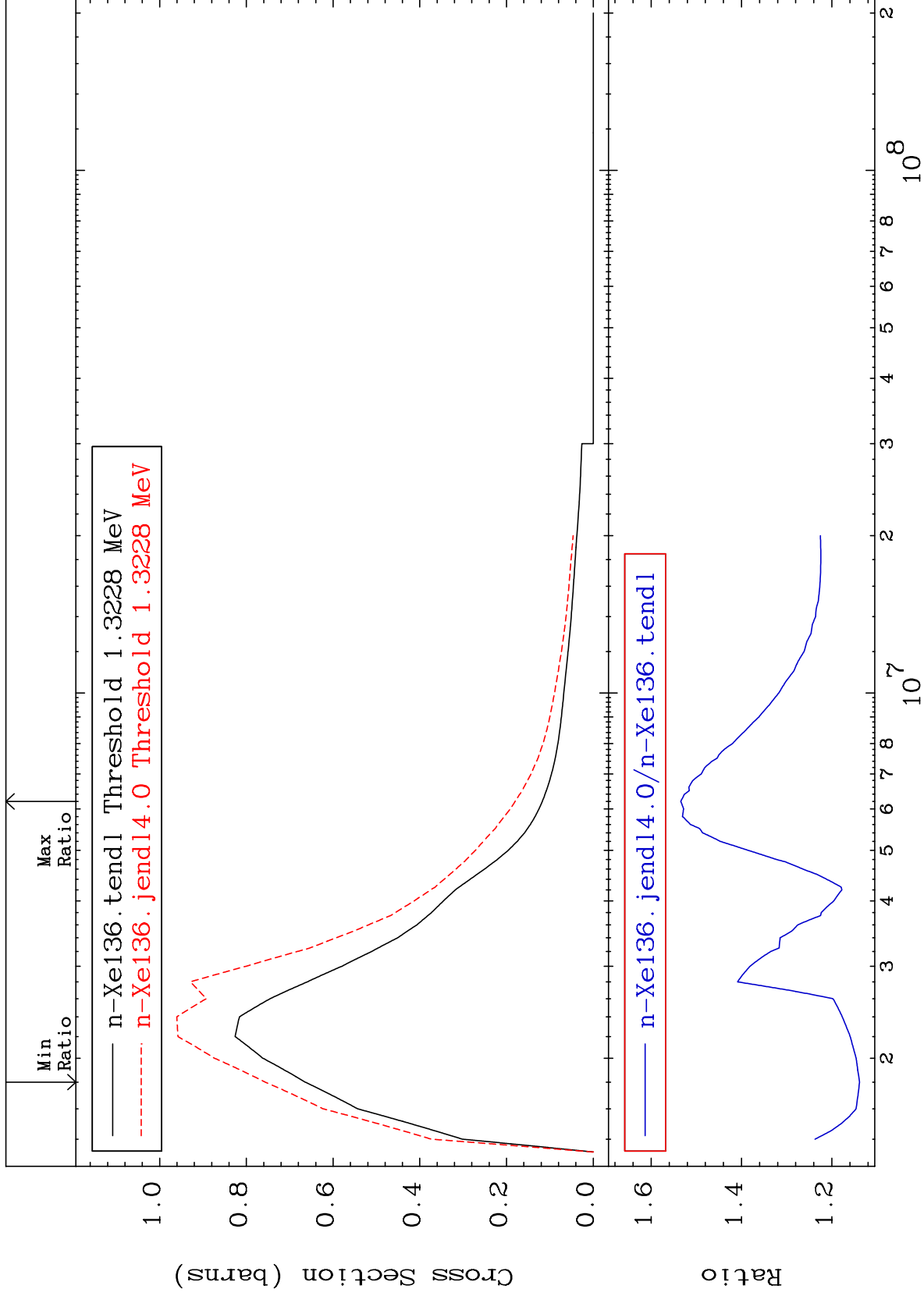
-100.0 To 833.2 %



MAT 5461

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

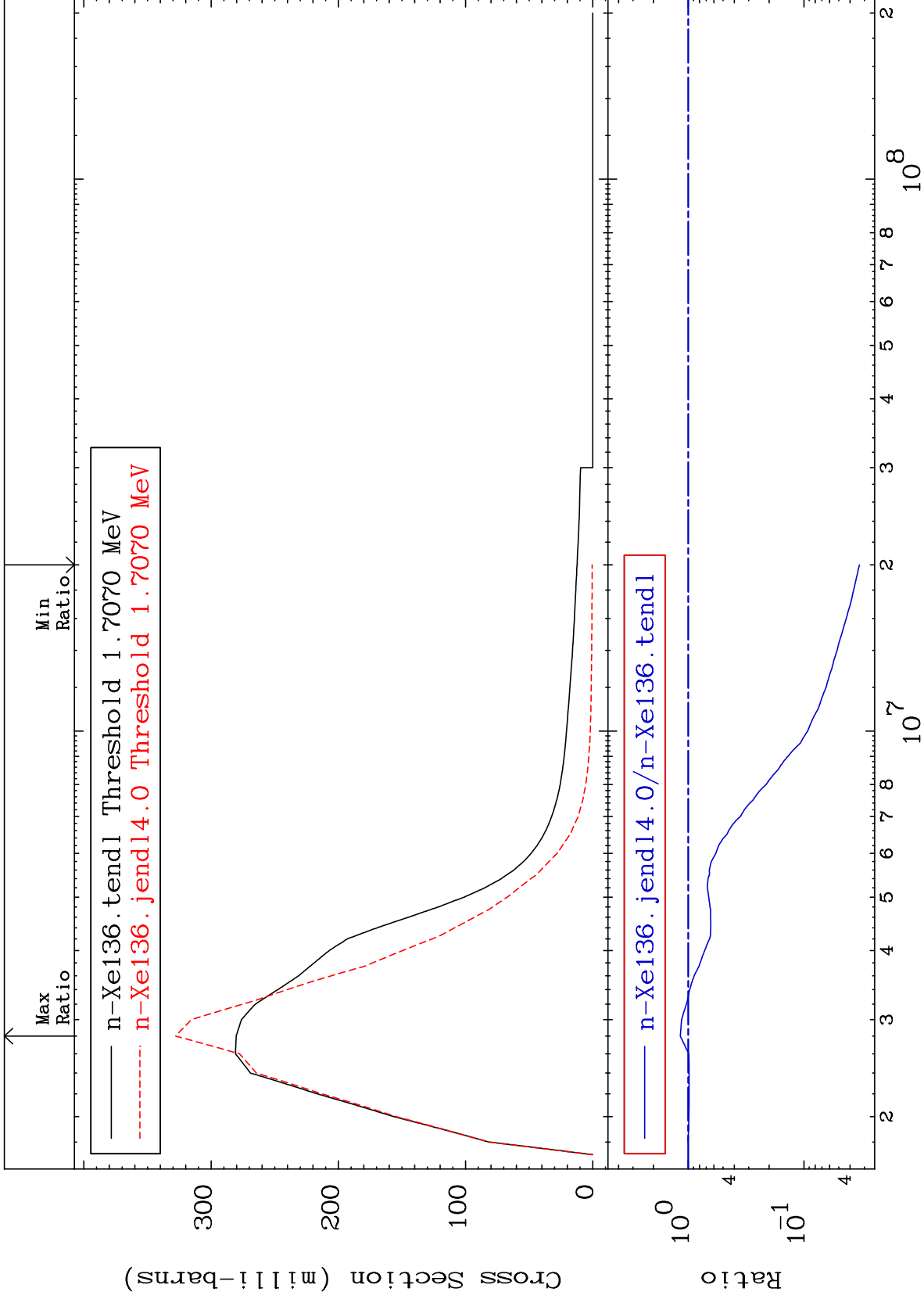
54-Xe-136
13.88 To 53.44 %



MAT 5461

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

54-Xe-136
-96.69 To 17.03 %



10

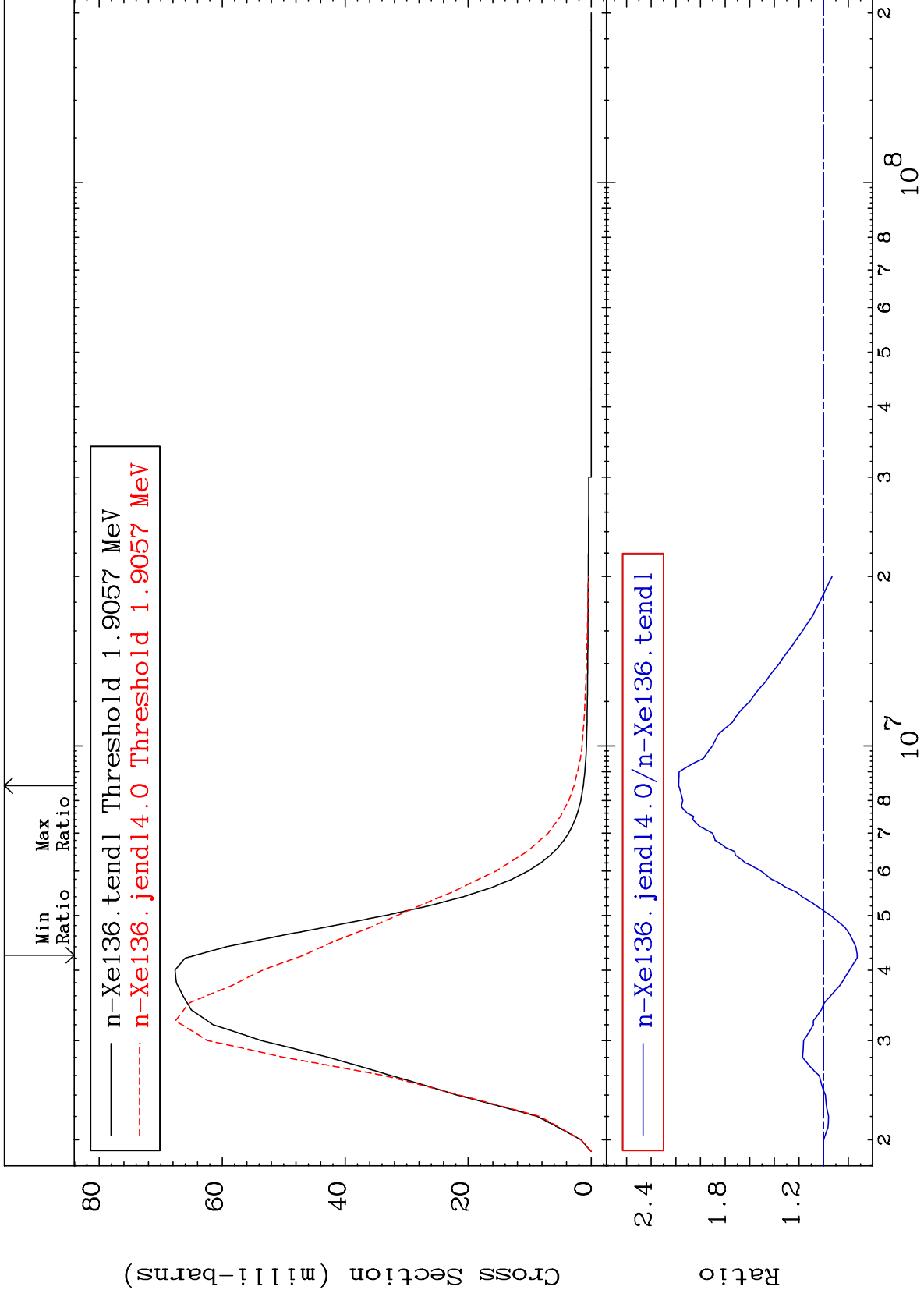
Incident Energy (eV)

54-Xe-136

MAT 5461

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

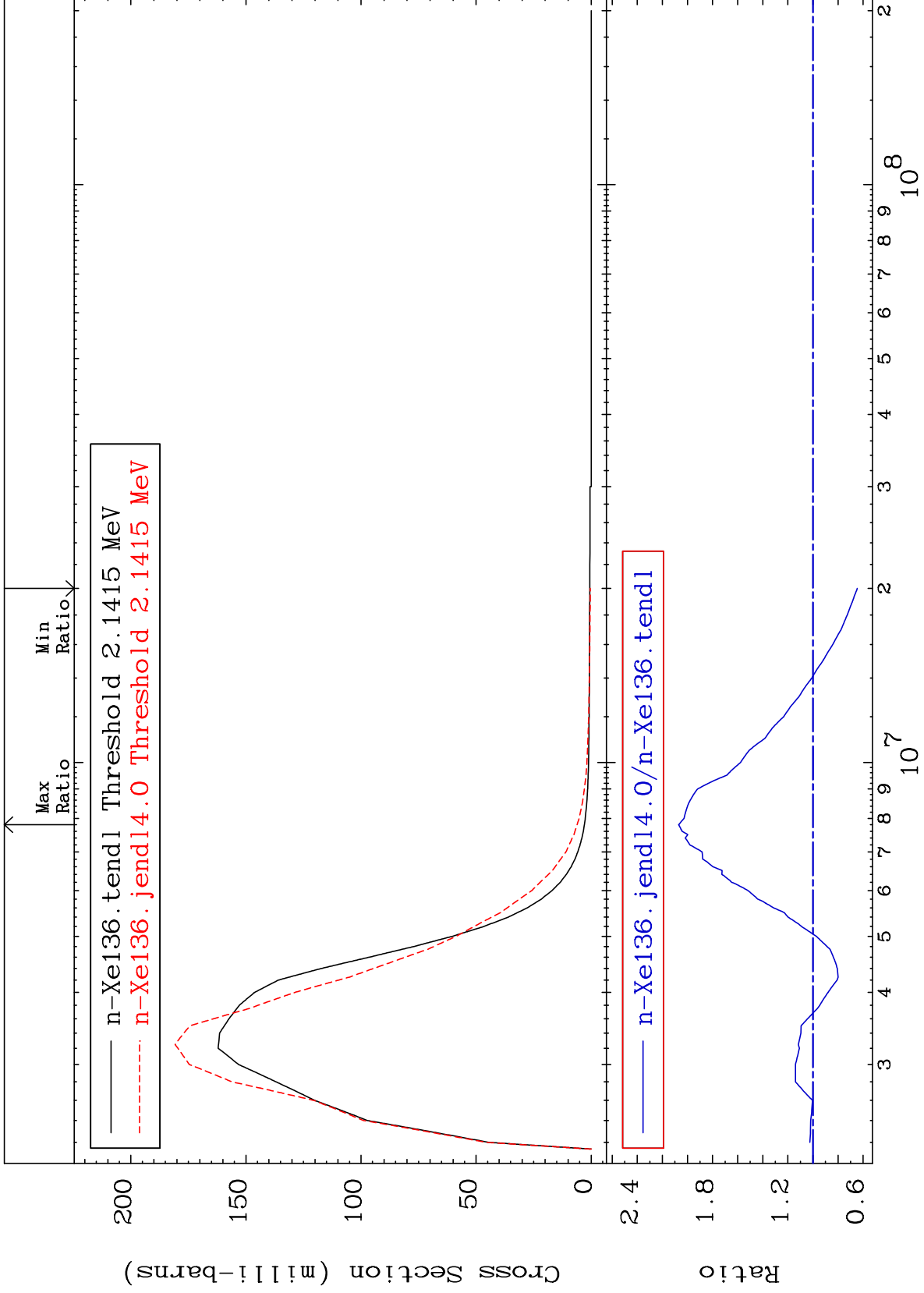
54-Xe-136
-27.32 To 117.7 %



MAT 5461

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

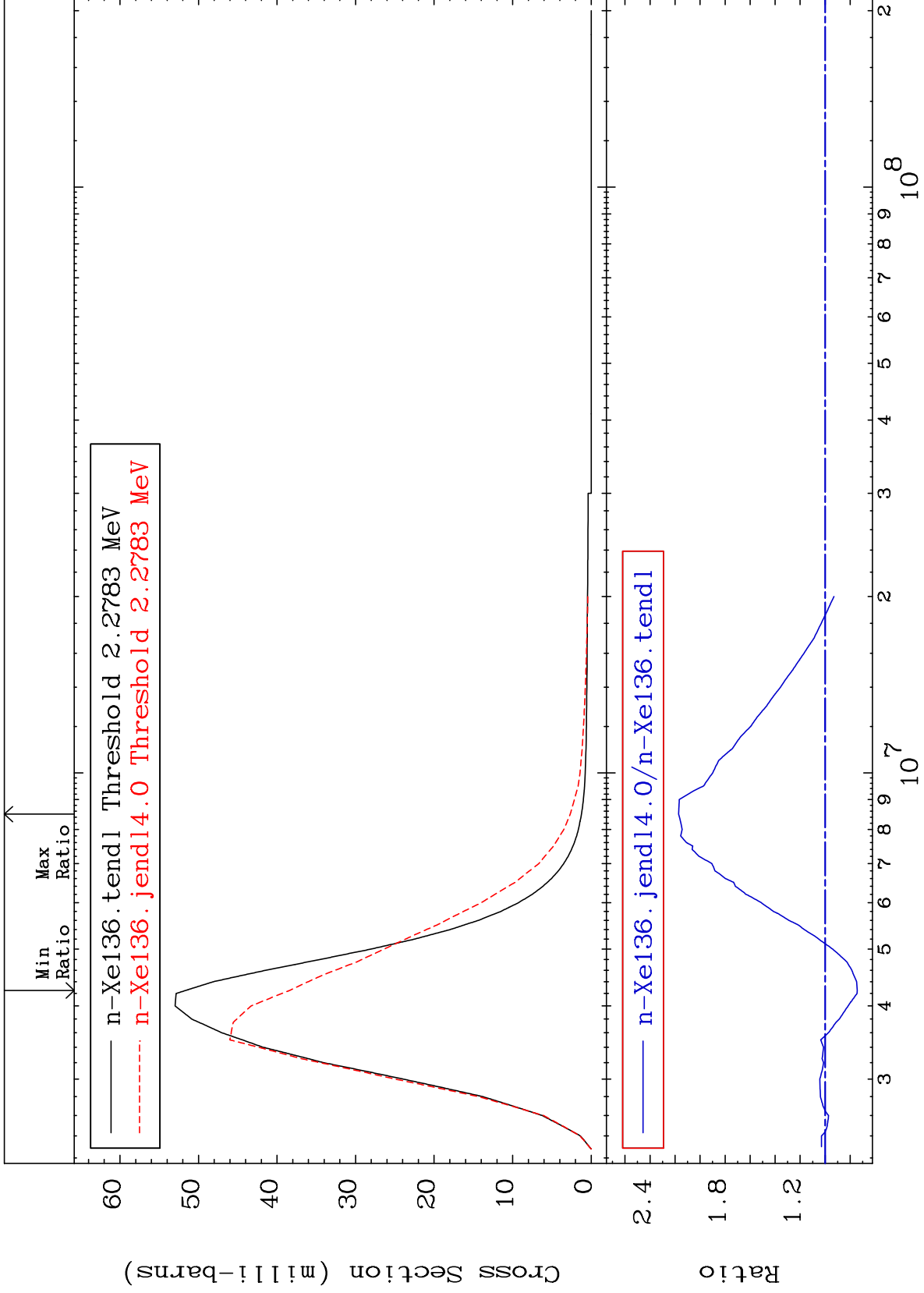
54-Xe-136
-35.28 To 107.1 %



MAT 5461

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

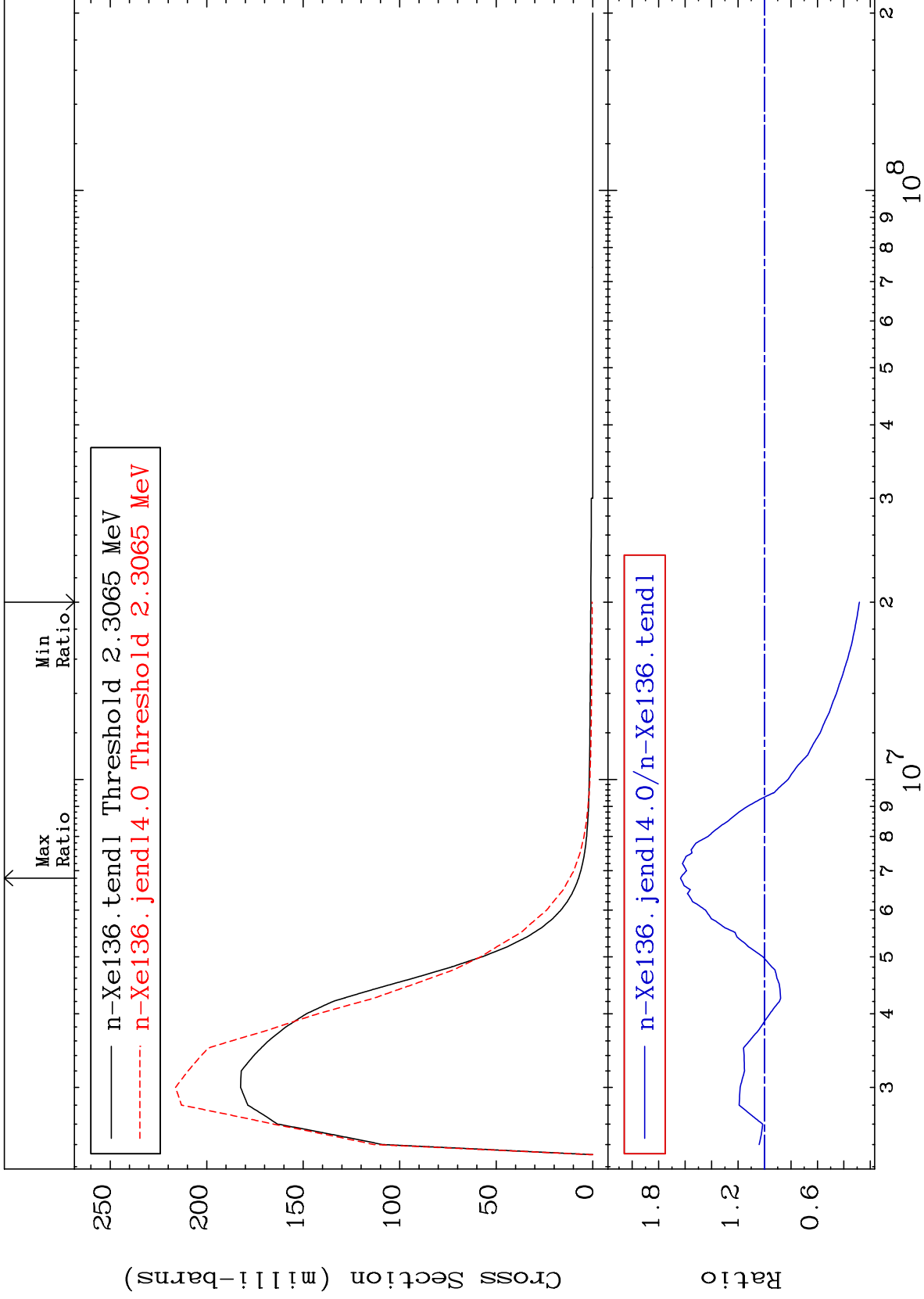
54-Xe-136
-25.63 To 117.1 %



MAT 5461

MT= 56 (n,n') Level
Cross Section

54-Xe-136
-71.75 To 63.62 %



14

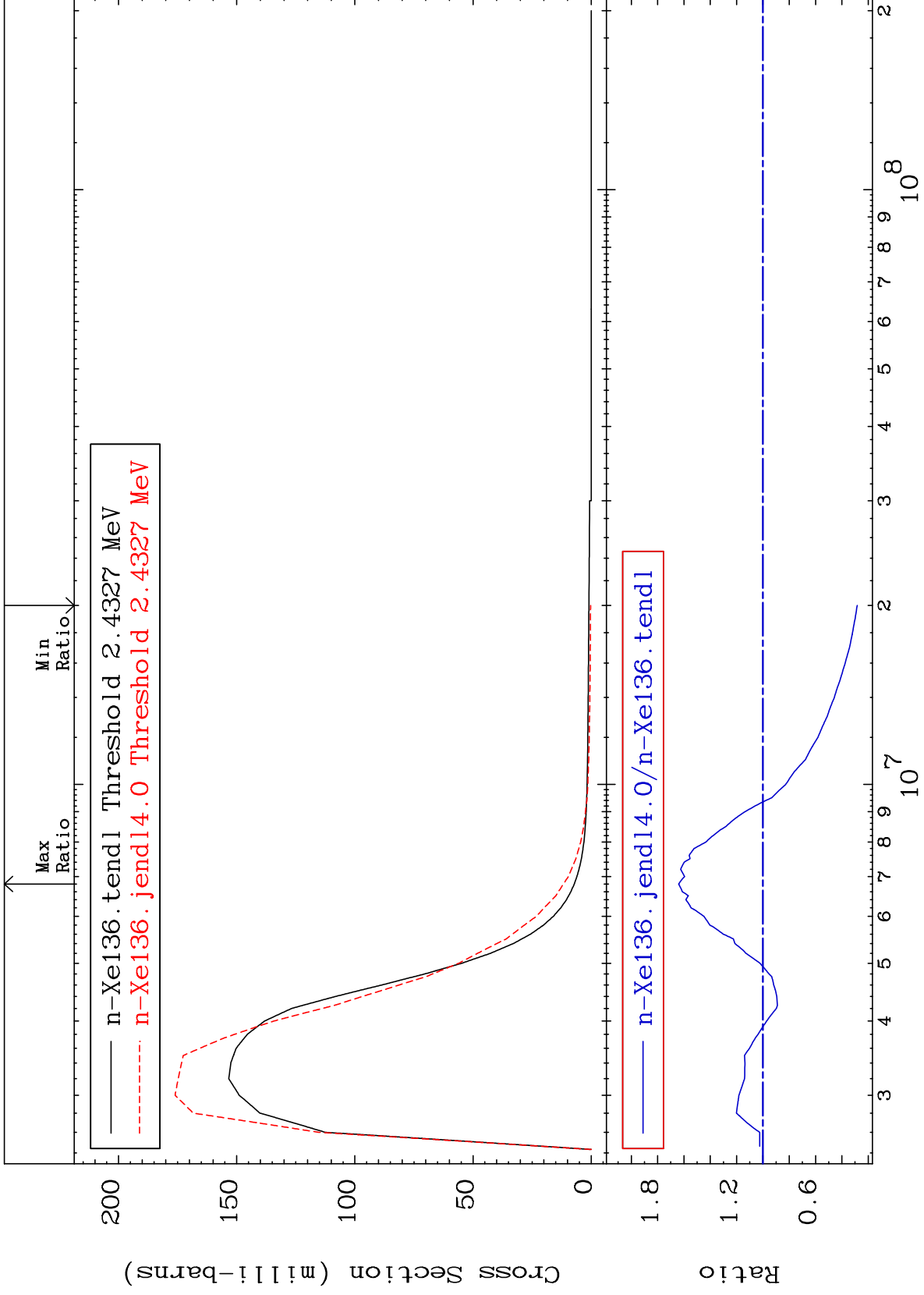
Incident Energy (eV)

54-Xe-136

MAT 5461

MT= 57 (n,n') Level
Cross Section

54-Xe-136
-71.67 To 64.03 %



15

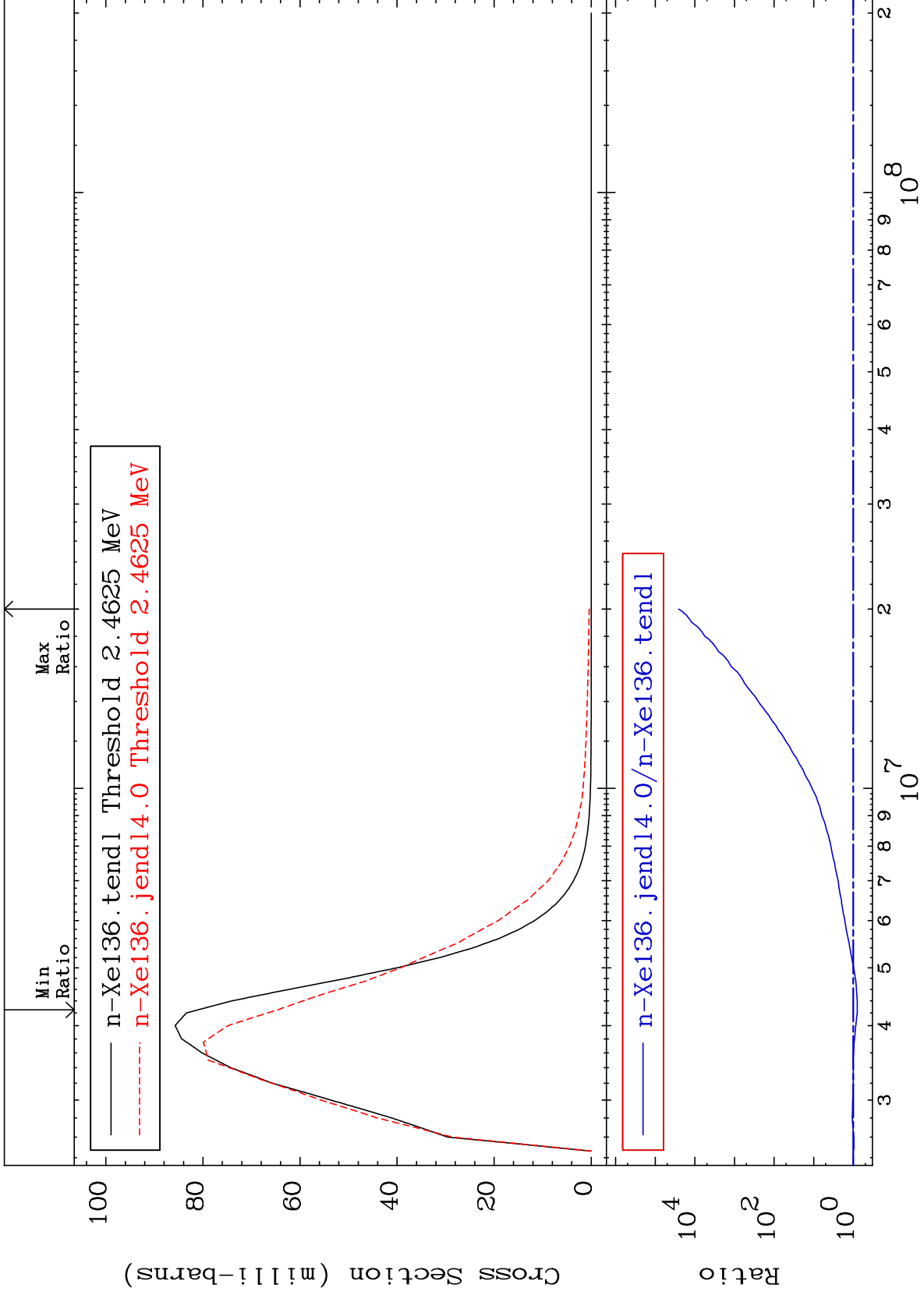
54-Xe-136

54-Xe-136

MAT 5461

MT= 58 (n,n') Level
Cross Section

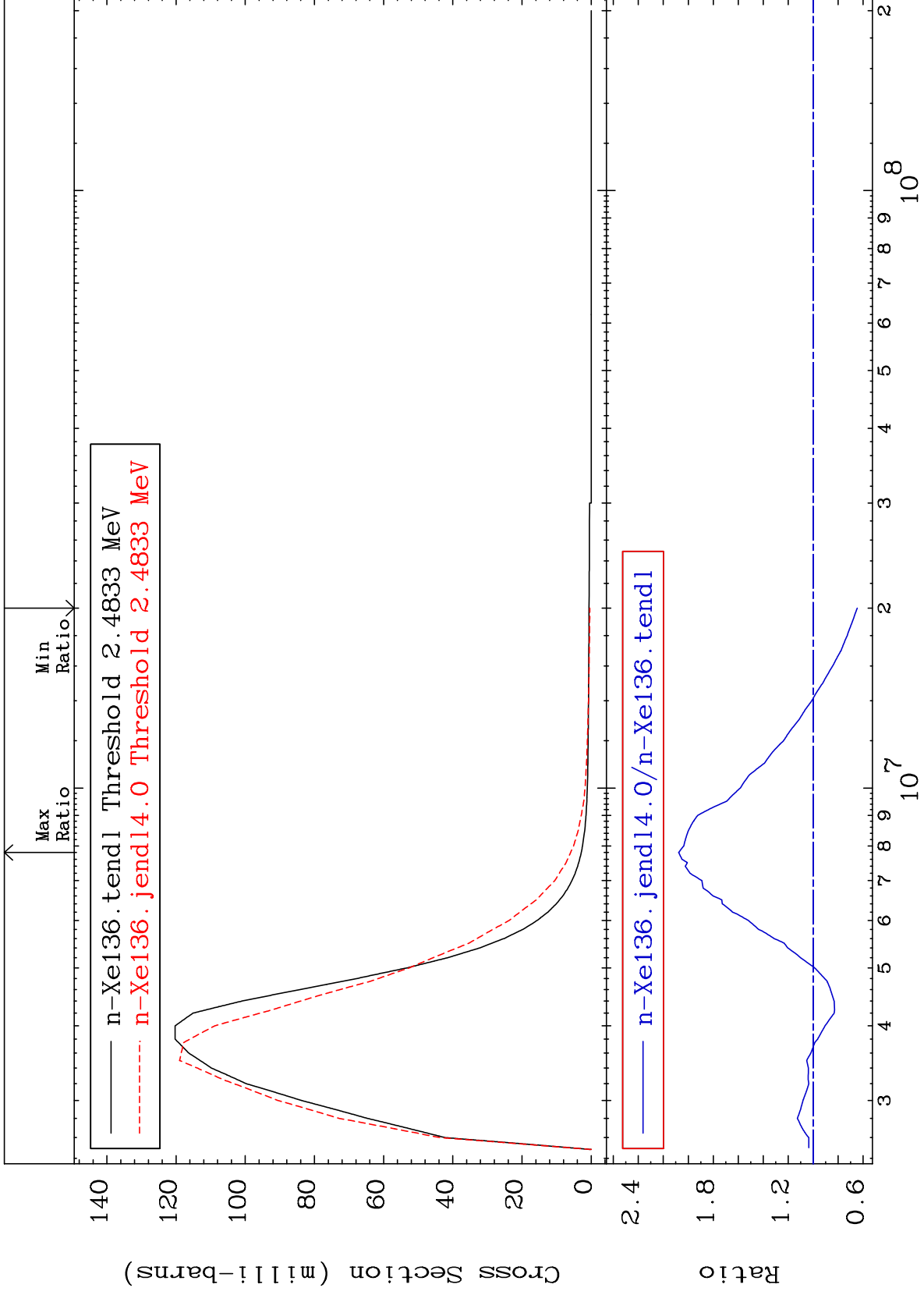
54-Xe-136
-20.21 To 9999. %



MAT 5461

MT= 59 (n,n') Level
Cross Section

54-Xe-136
-35.29 To 107.7 %



17

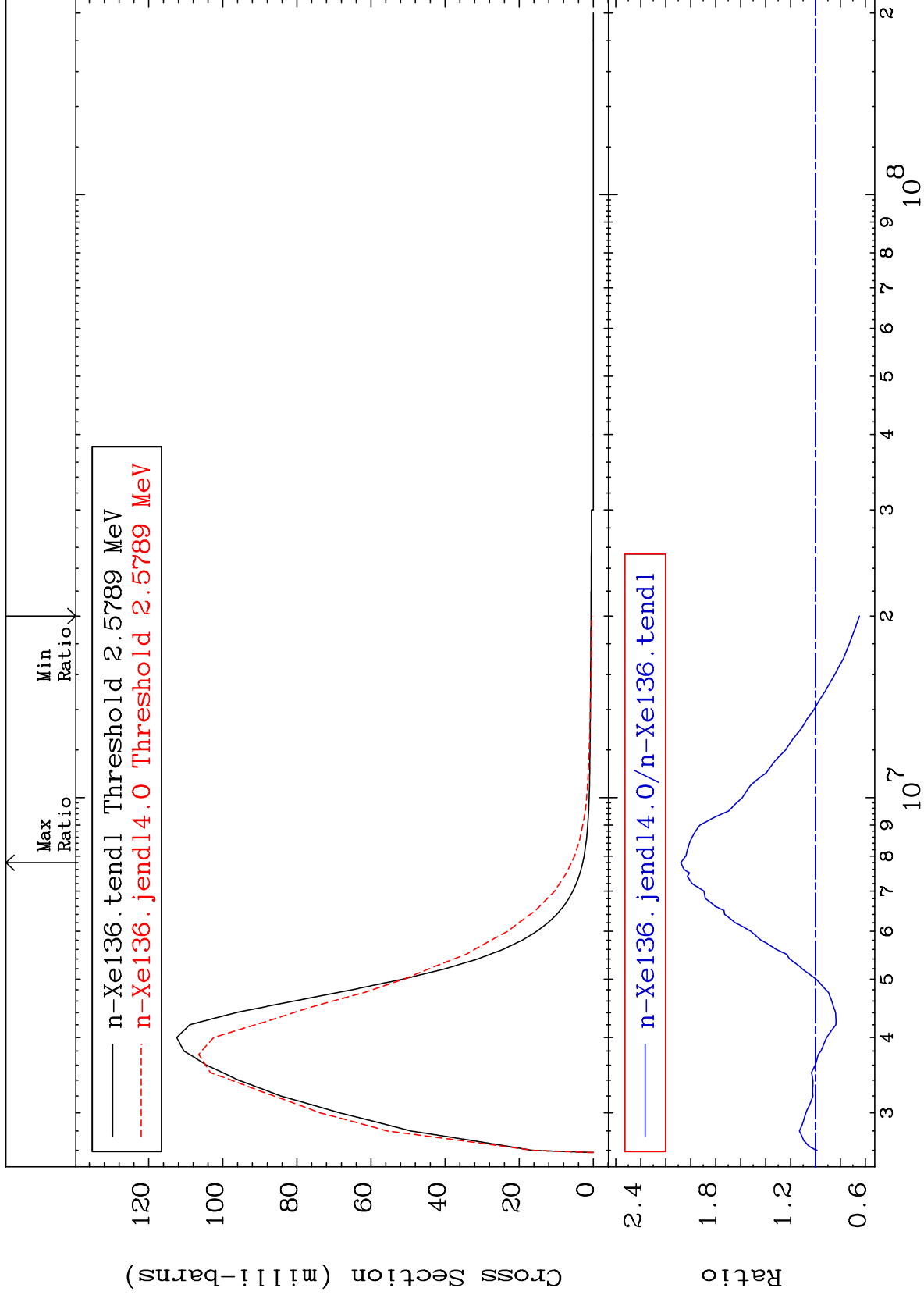
Incident Energy (eV)

54-Xe-136

MAT 5461

MT= 60 (n,n') Level
Cross Section

54-Xe-136
-35.28 To 108.0 %



18

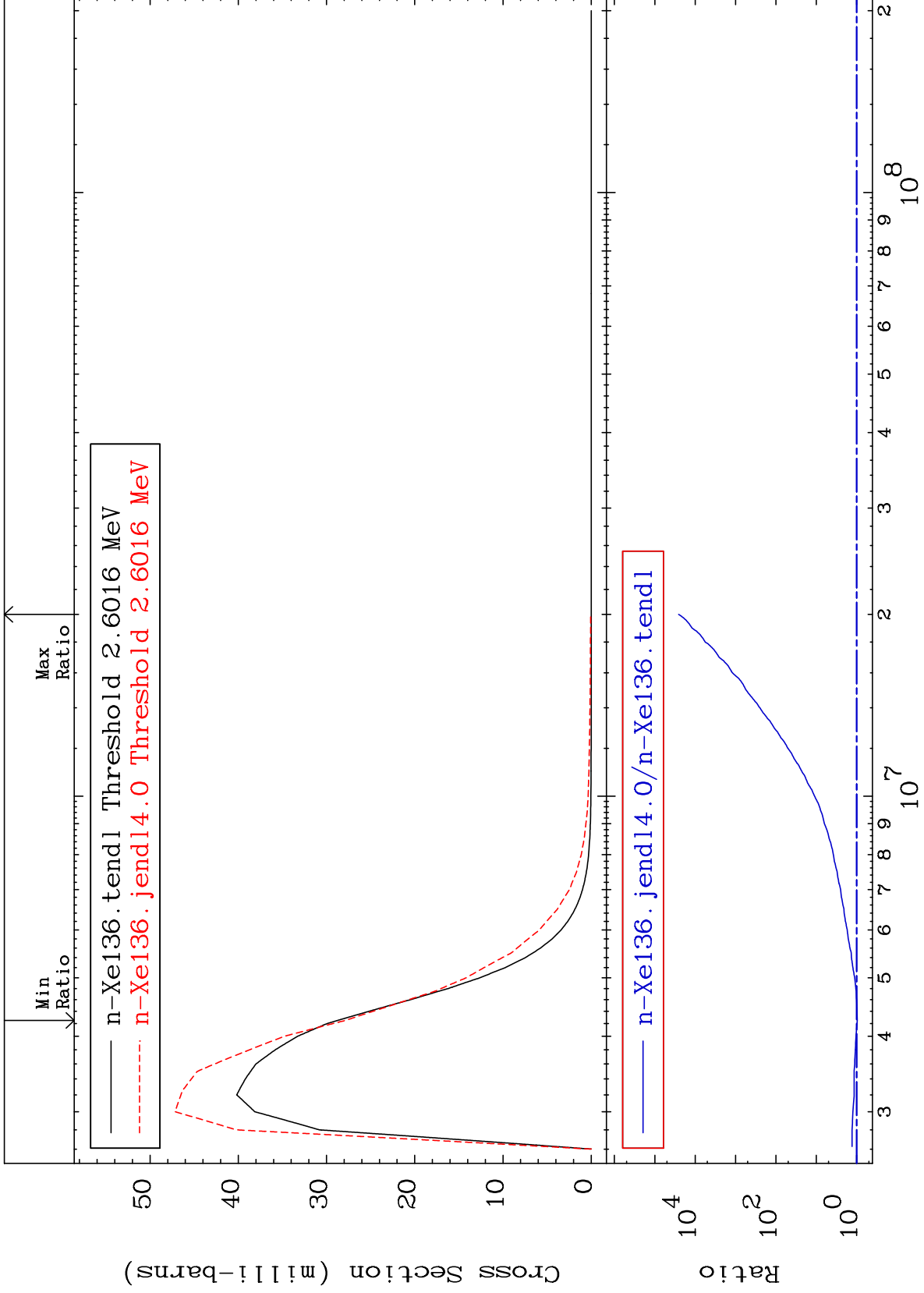
Incident Energy (eV)

54-Xe-136

MAT 5461

MT= 61 (n,n') Level
Cross Section

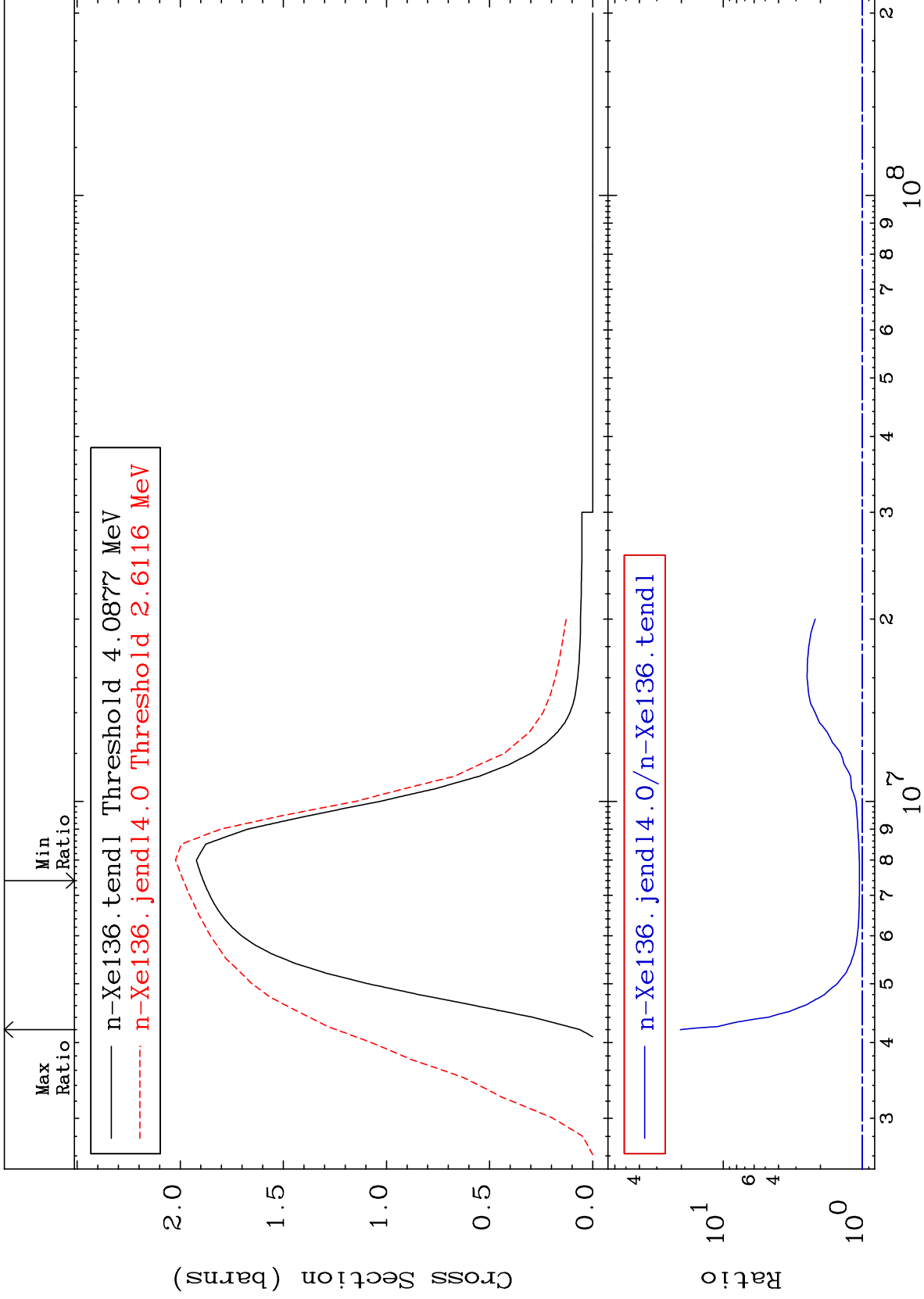
54-Xe-136
-3.048 To 9999. %



MAT 5461

(n, n') Continuum
Cross Section

54-Xe-136
To 1932. %
5.077



20

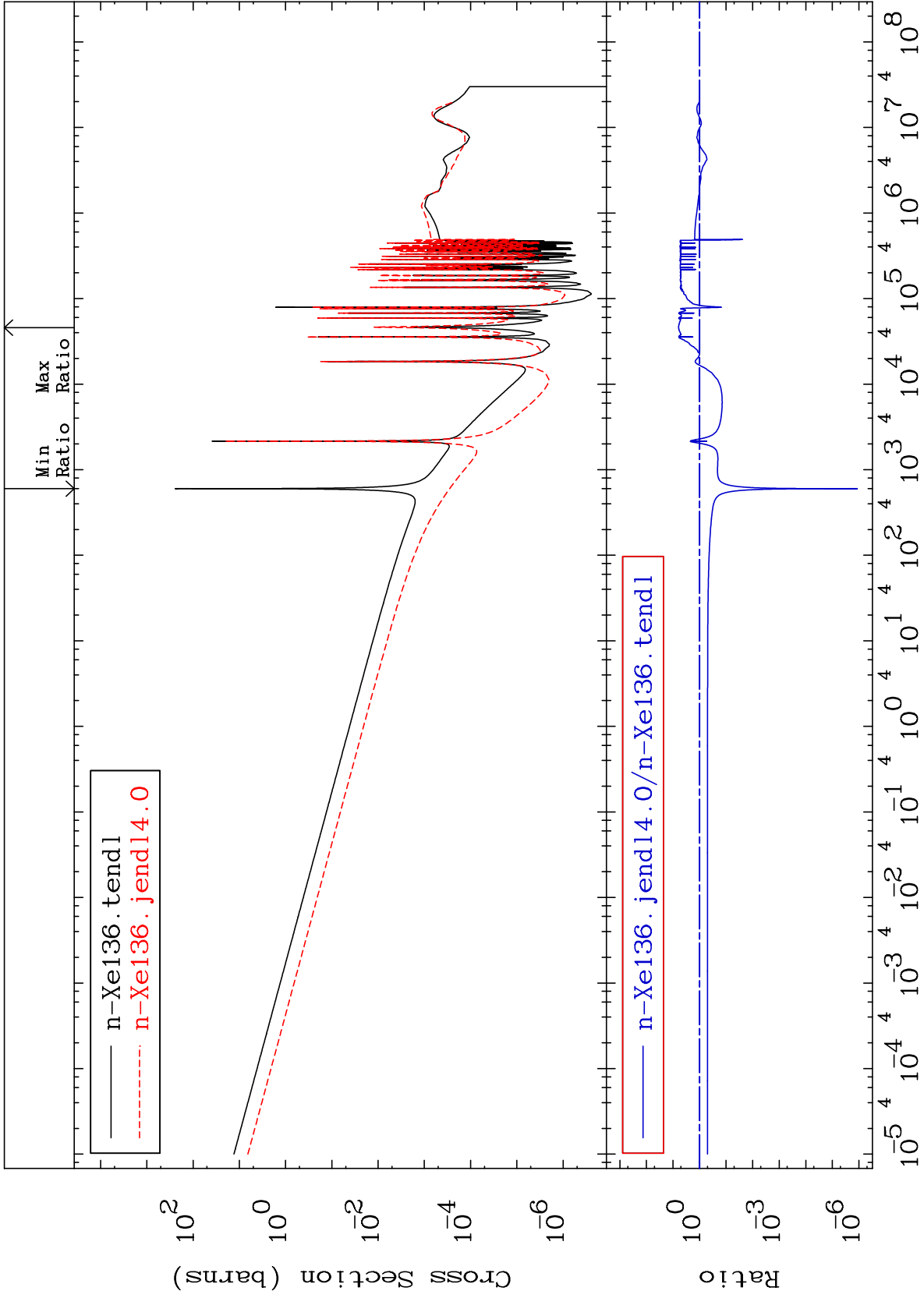
Incident Energy (eV)

54-Xe-136

MAT 5461

(n, γ)
Cross Section

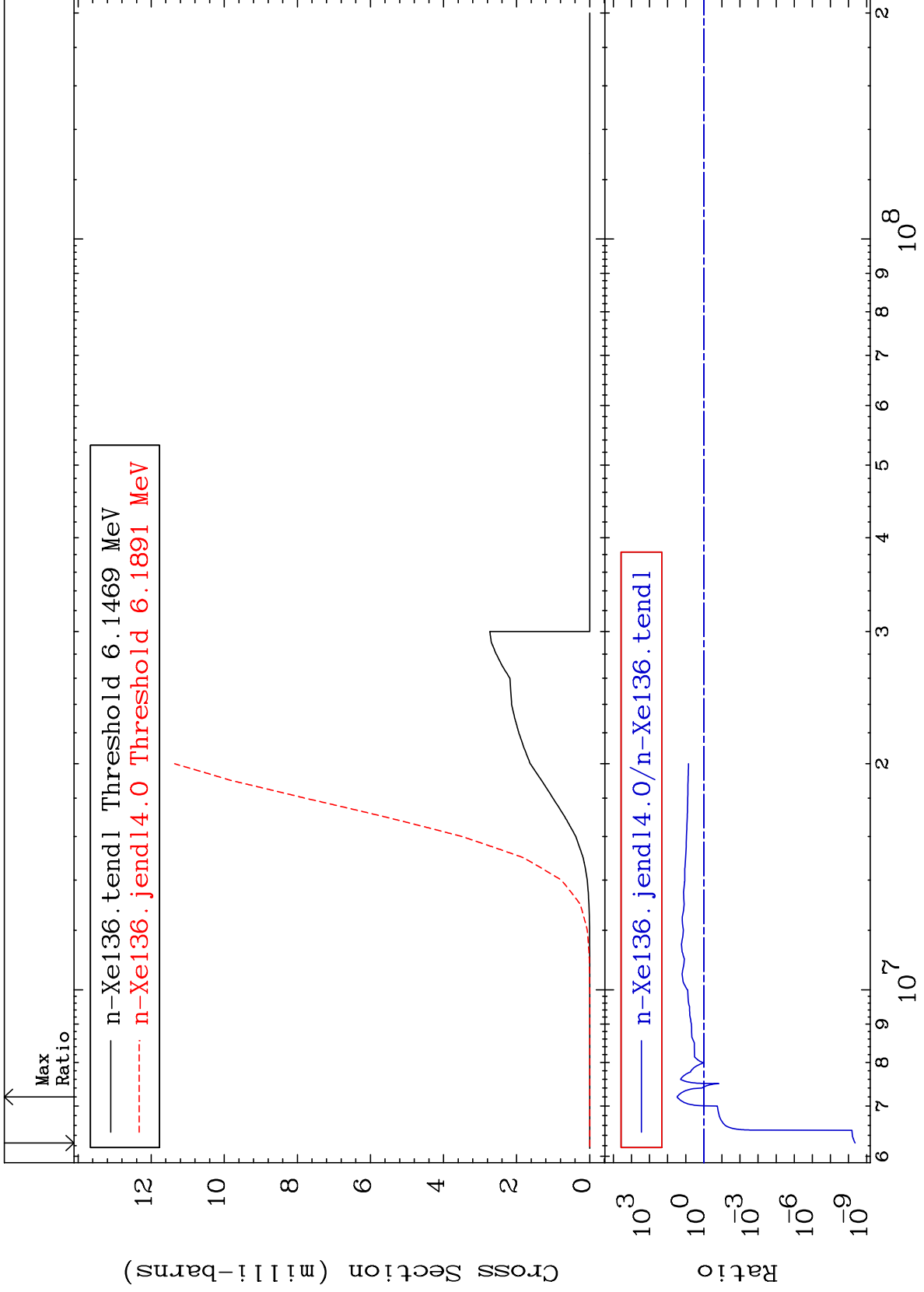
54-Xe-136
-100.0 To 512.7 %



MAT 5461

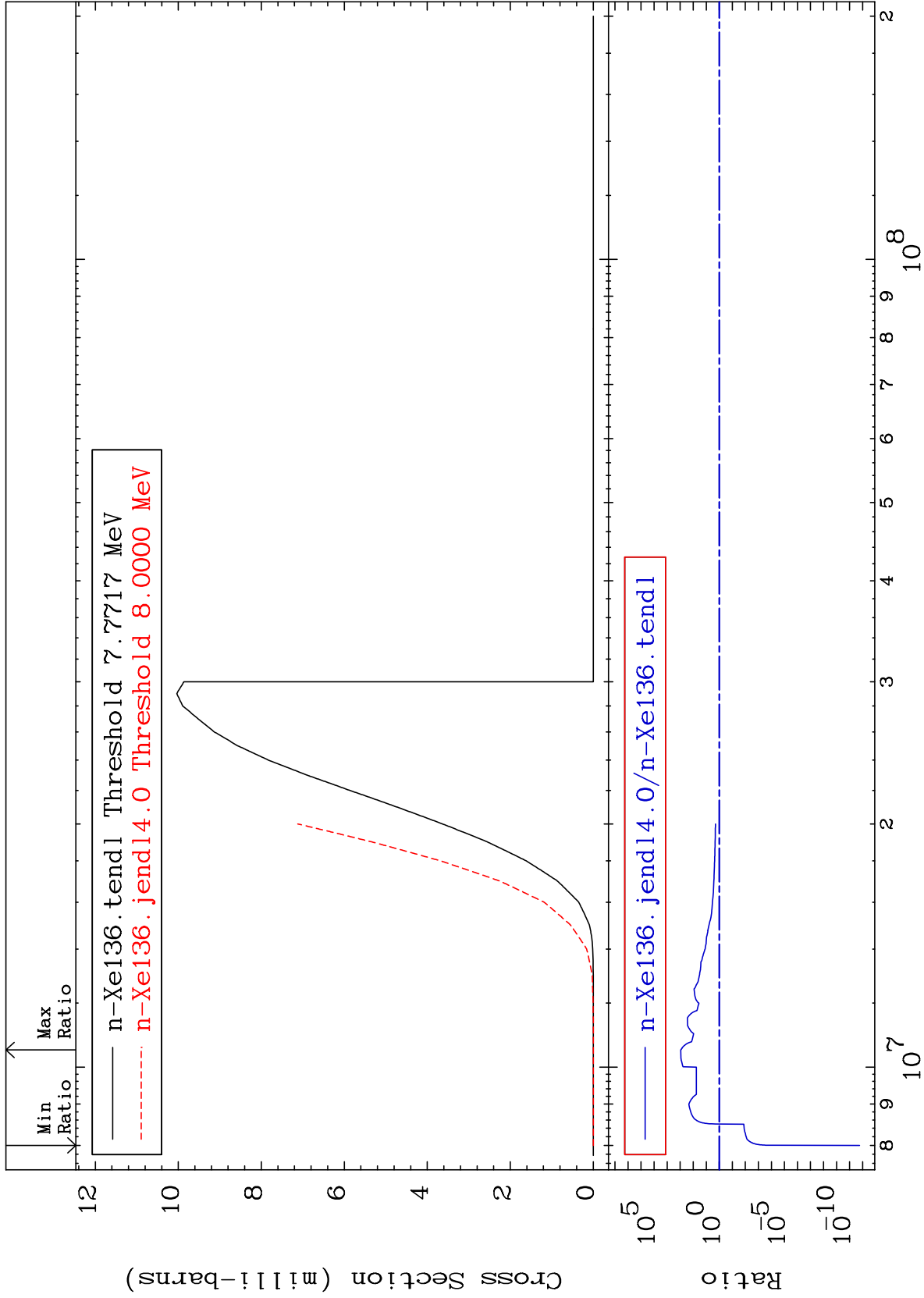
(n,p)
Cross Section

54-Xe-136
-100.0 To 2957. %



Cross Section

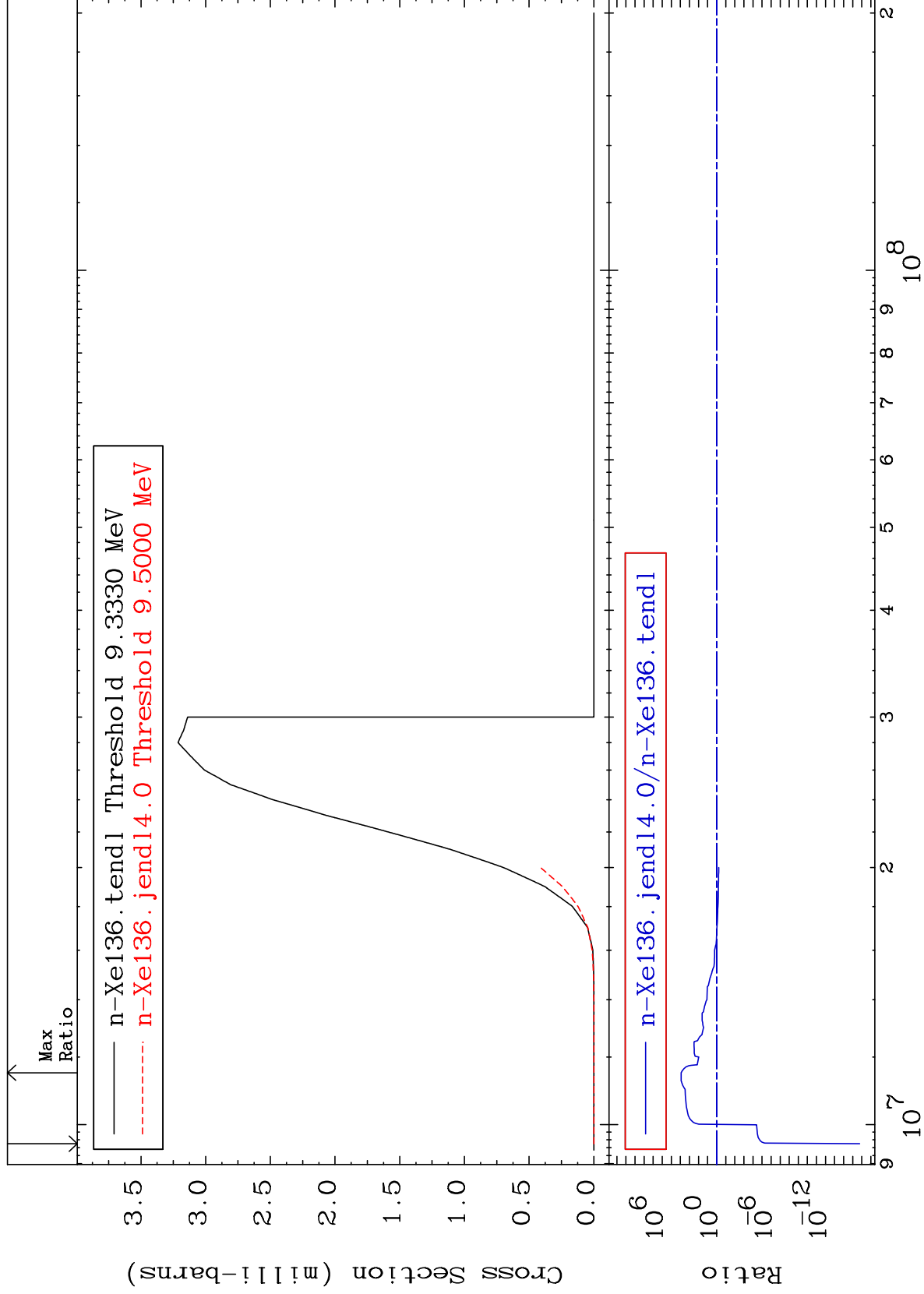
-100.0 To 9999. %



MAT 5461

(n, t)
Cross Section

54-Xe-136
-100.0 To 9999. %



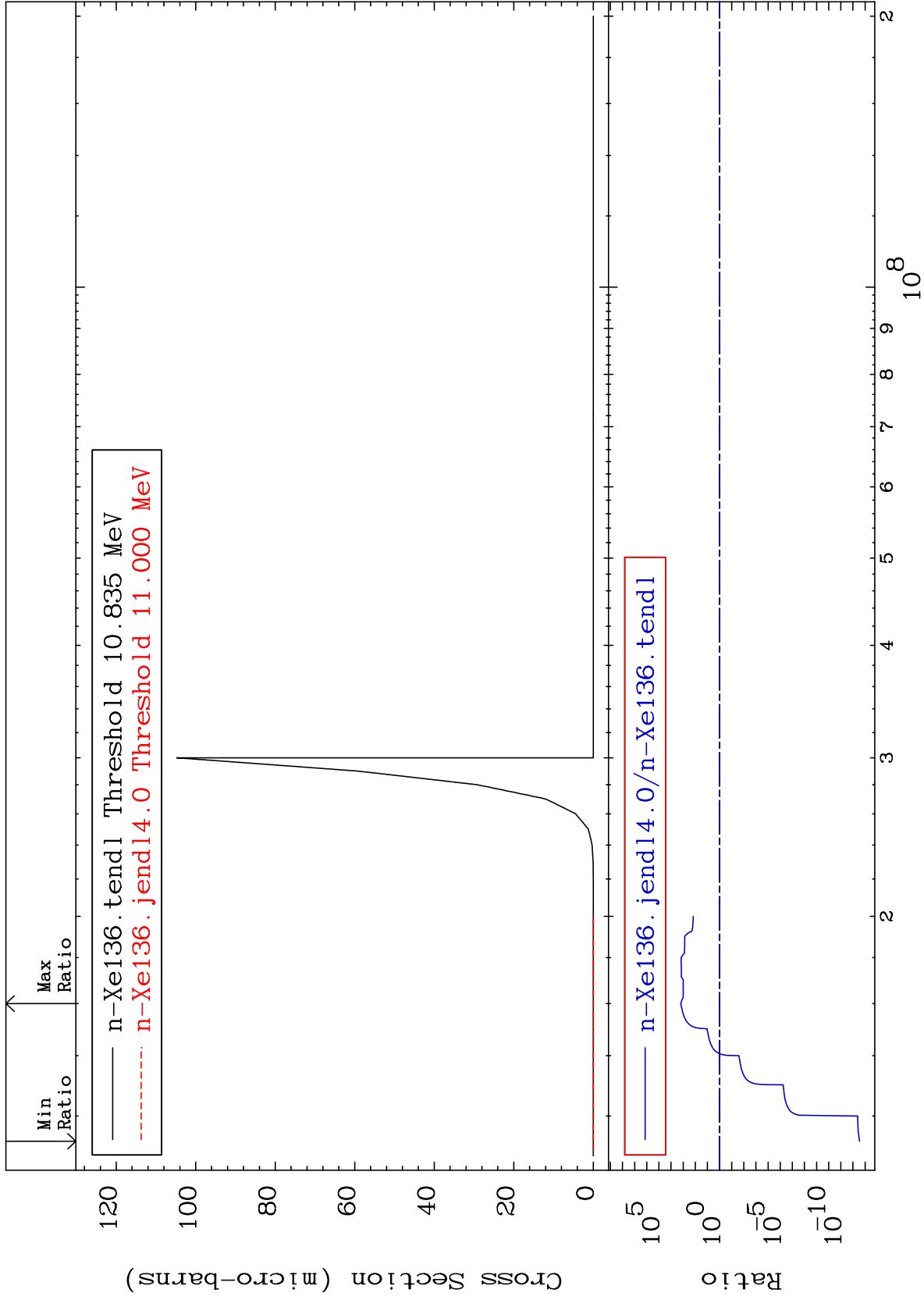
24

Incident Energy (eV)

54-Xe-136

Cross Section

-100.0 To 9999. %



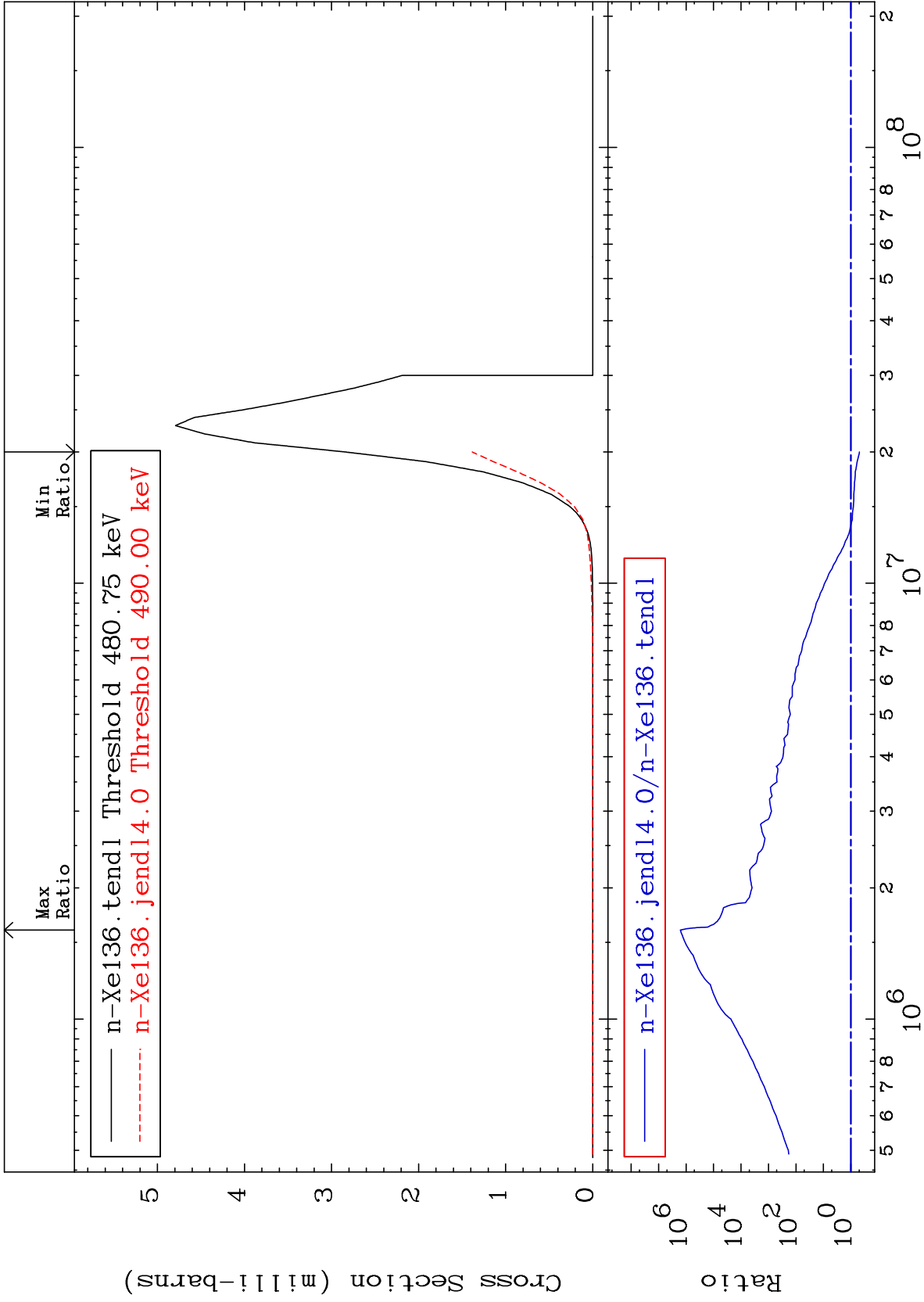
MAT 5461

(n, α)

54-Xe-136

Cross Section

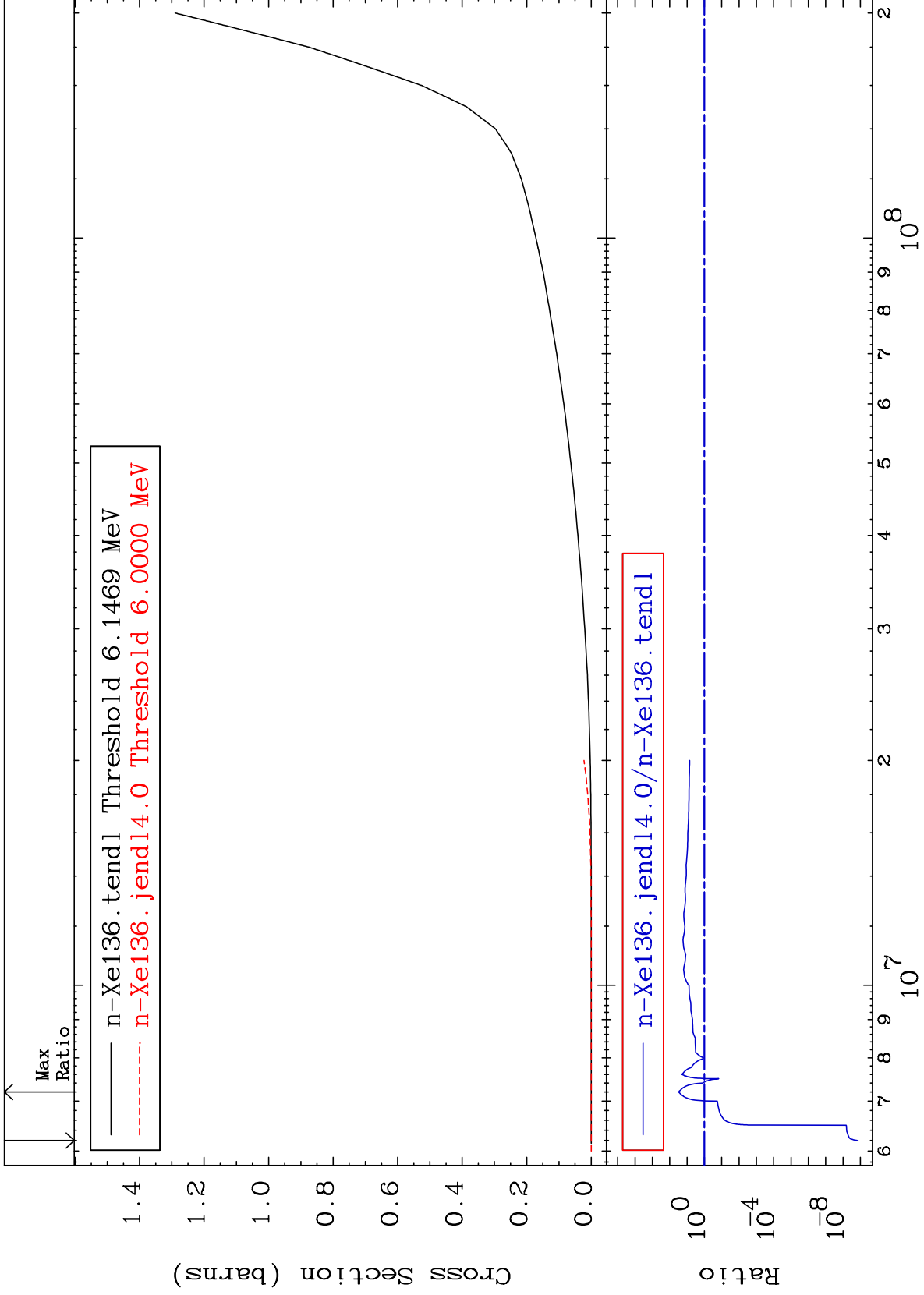
-51.18 To 9999. %



26

54-Xe-136

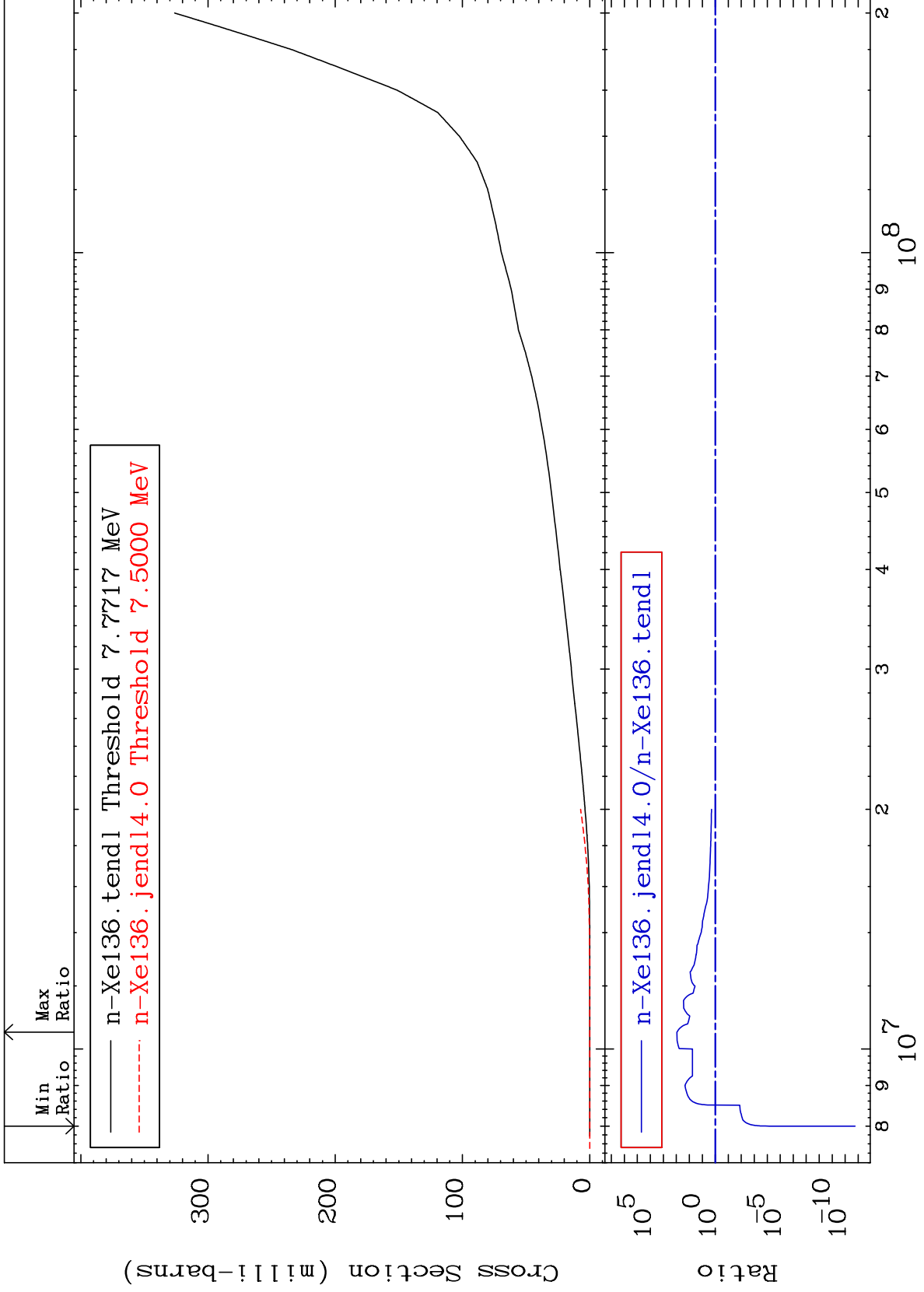
54-Xe-136



MAT 5461

Deuterium Production
Cross Section

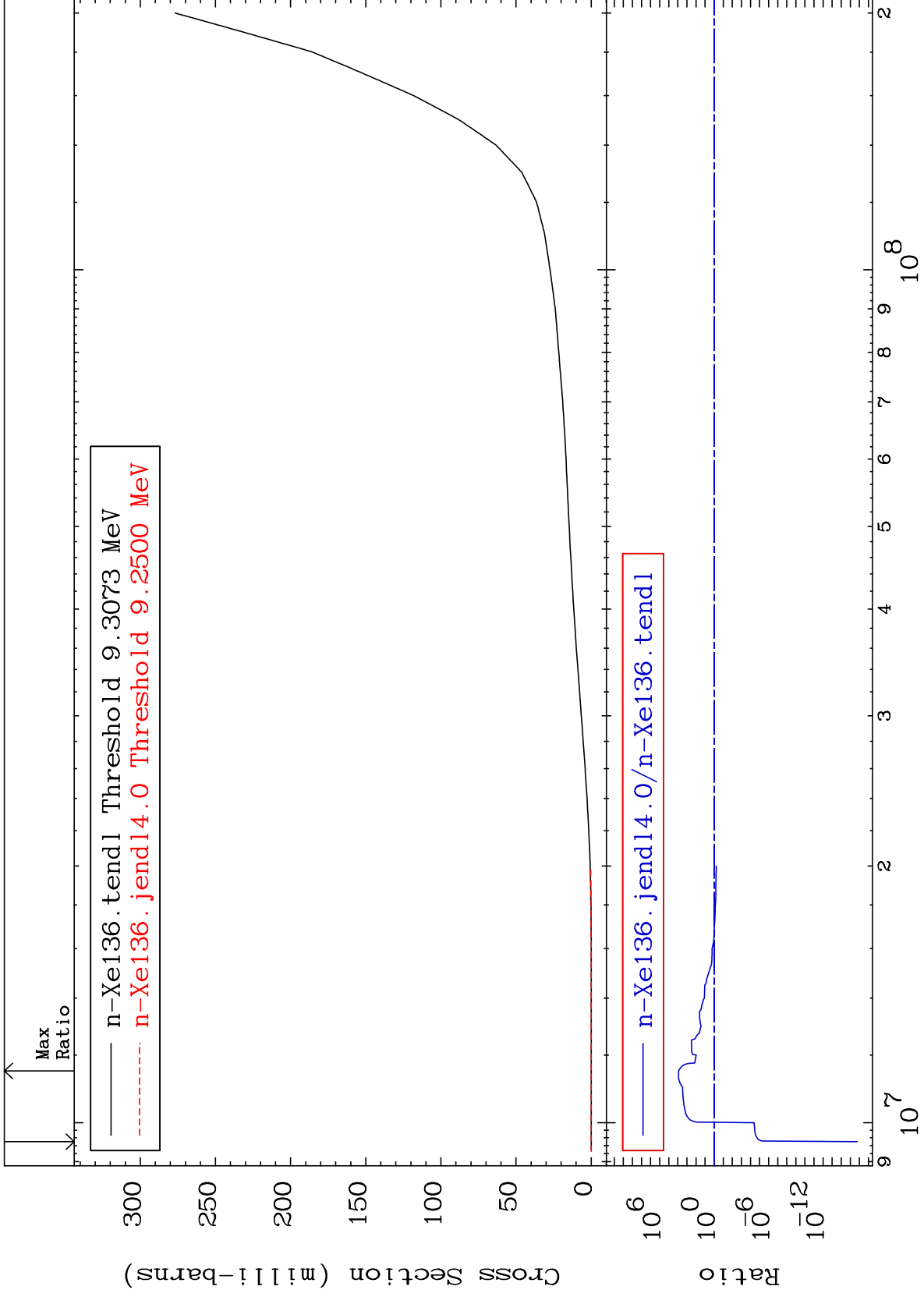
54-Xe-136
-100.0 To 9999. %

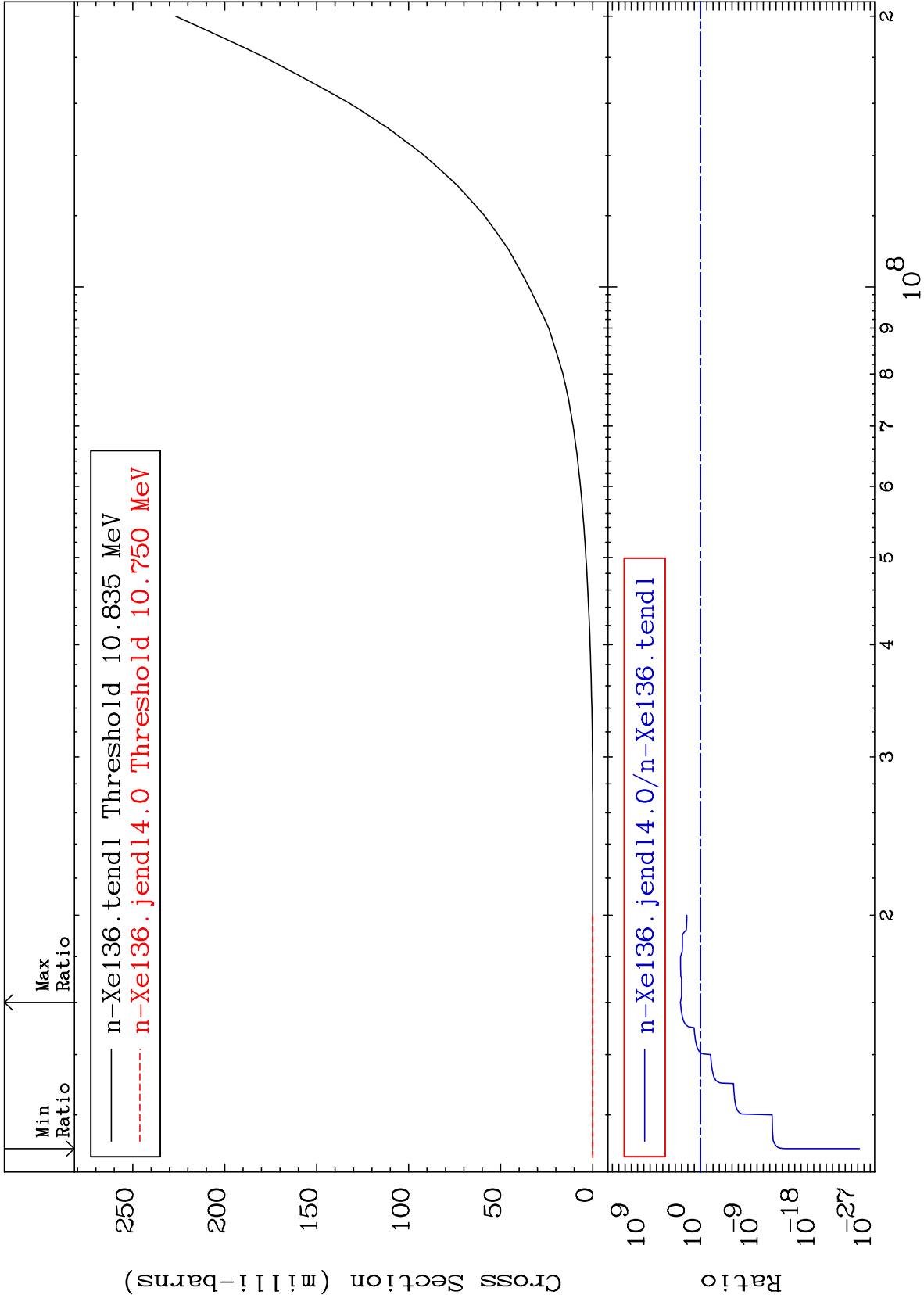


MAT 5461

Tritium Production
Cross Section

54-Xe-136
-100.0 To 9999. %

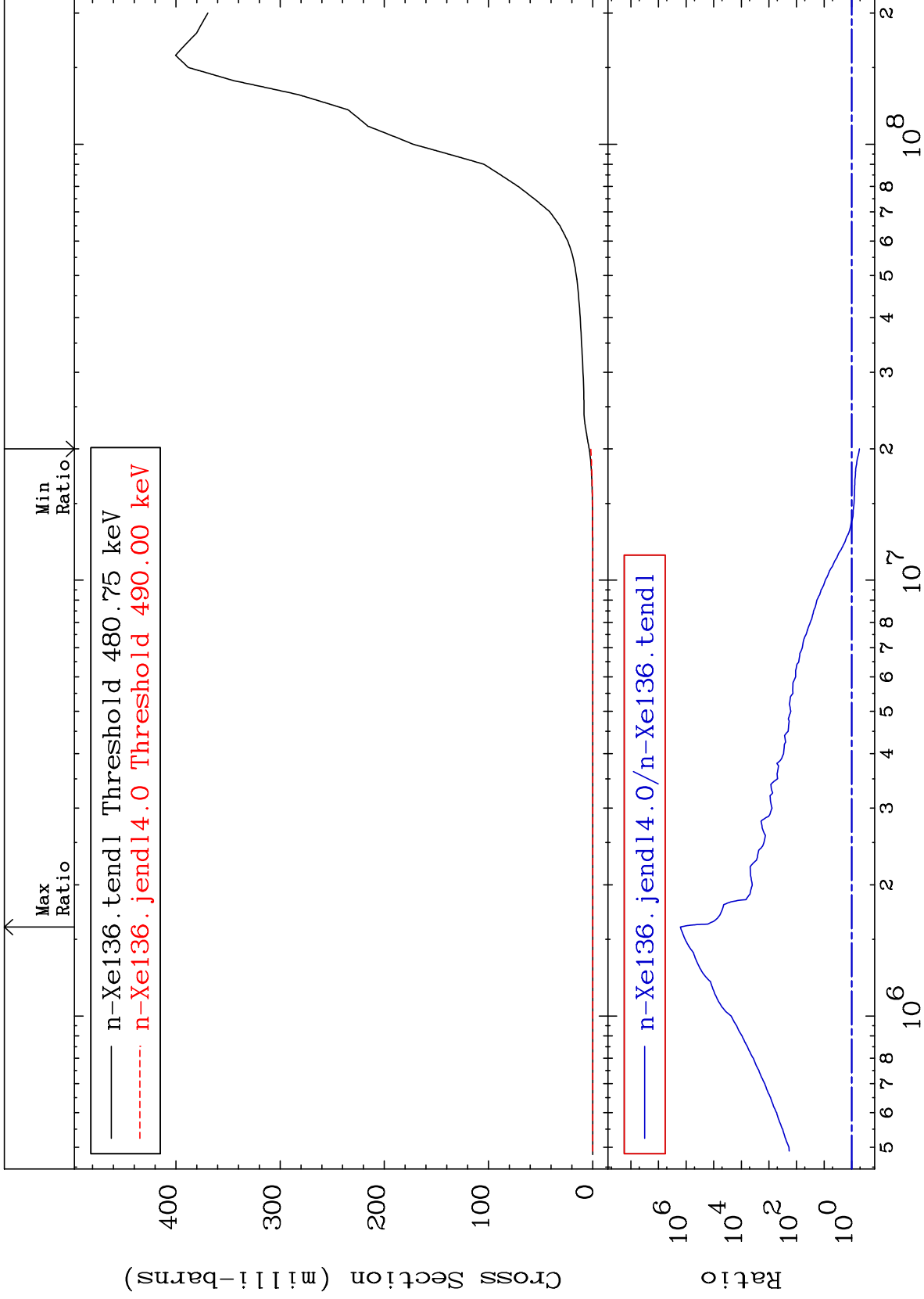




MAT 5461

He-4 Production
Cross Section

54-Xe-136
-47.44 To 9999. %



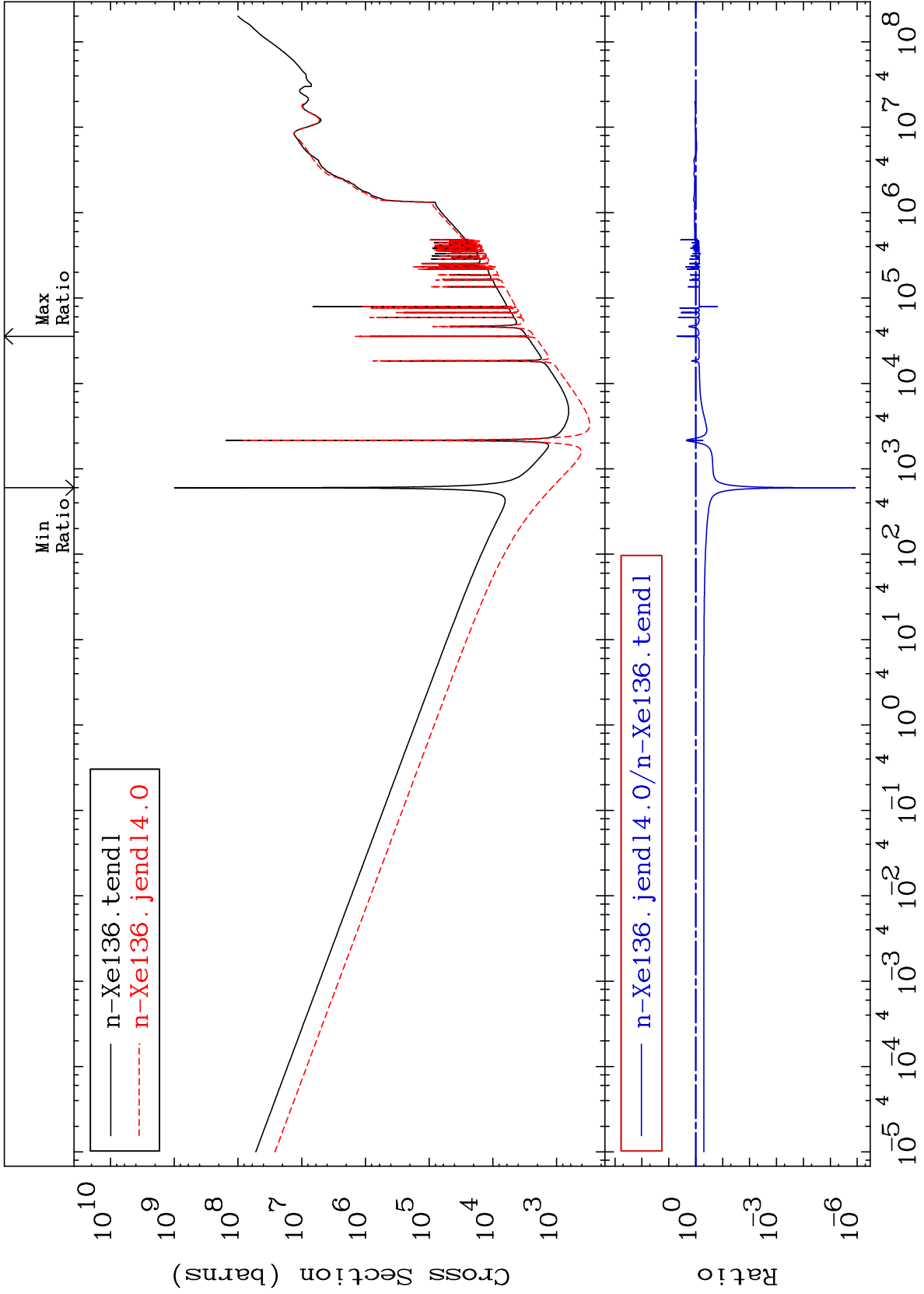
MAT 5461

Kerma total (eV-barns)

54-Xe-136

Cross Section

-100.0 To 399.4 %



32

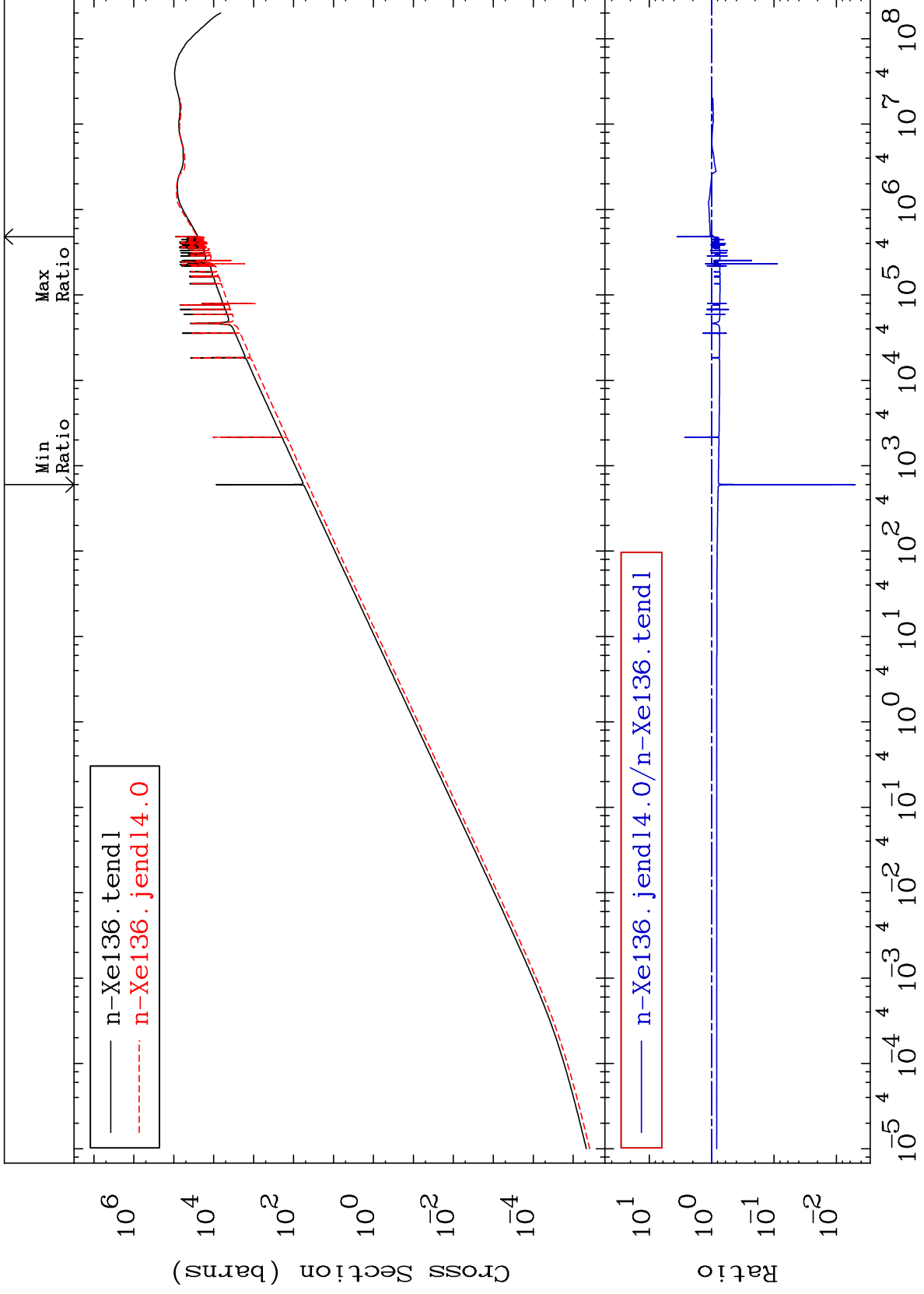
Incident Energy (eV)

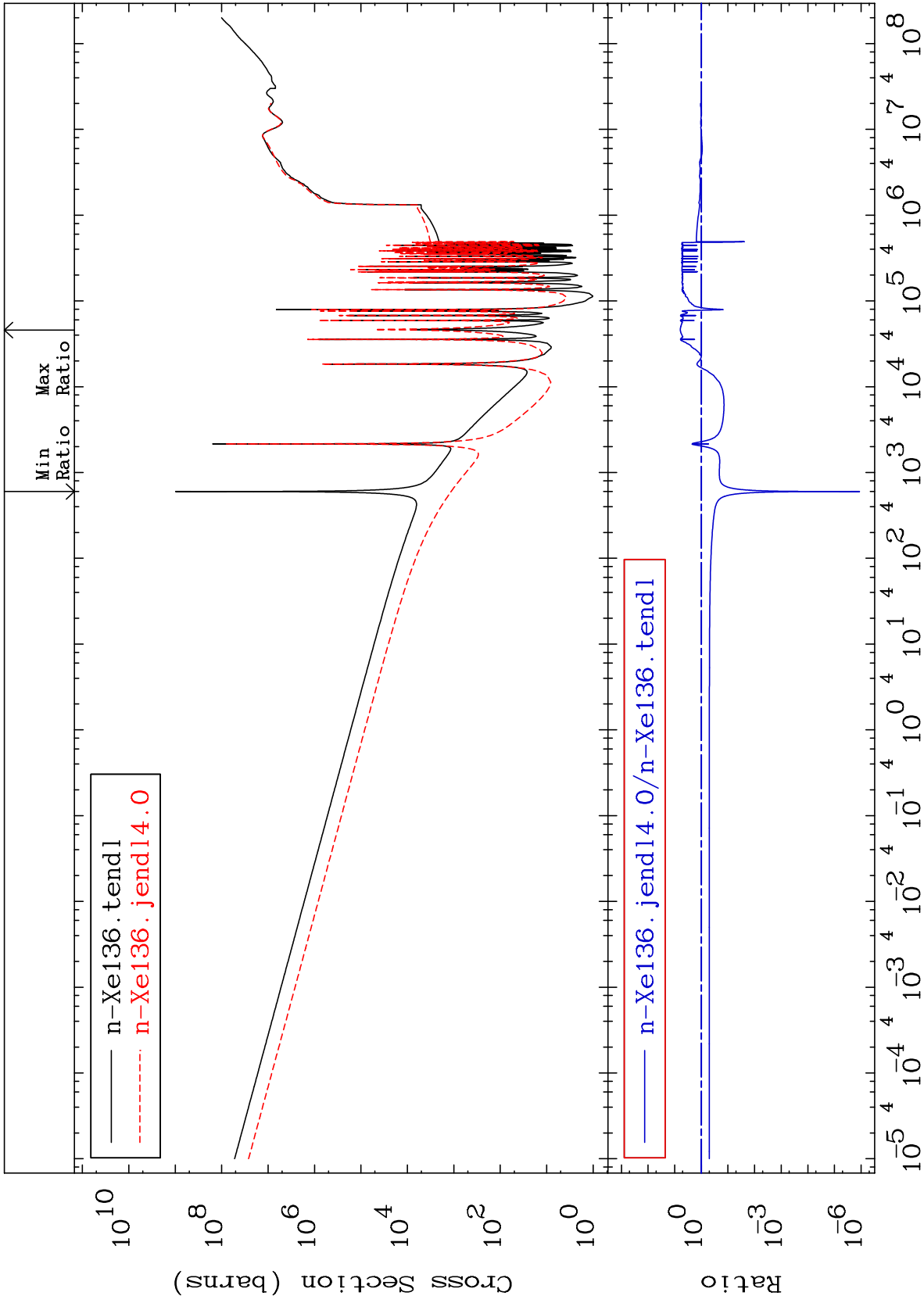
54-Xe-136

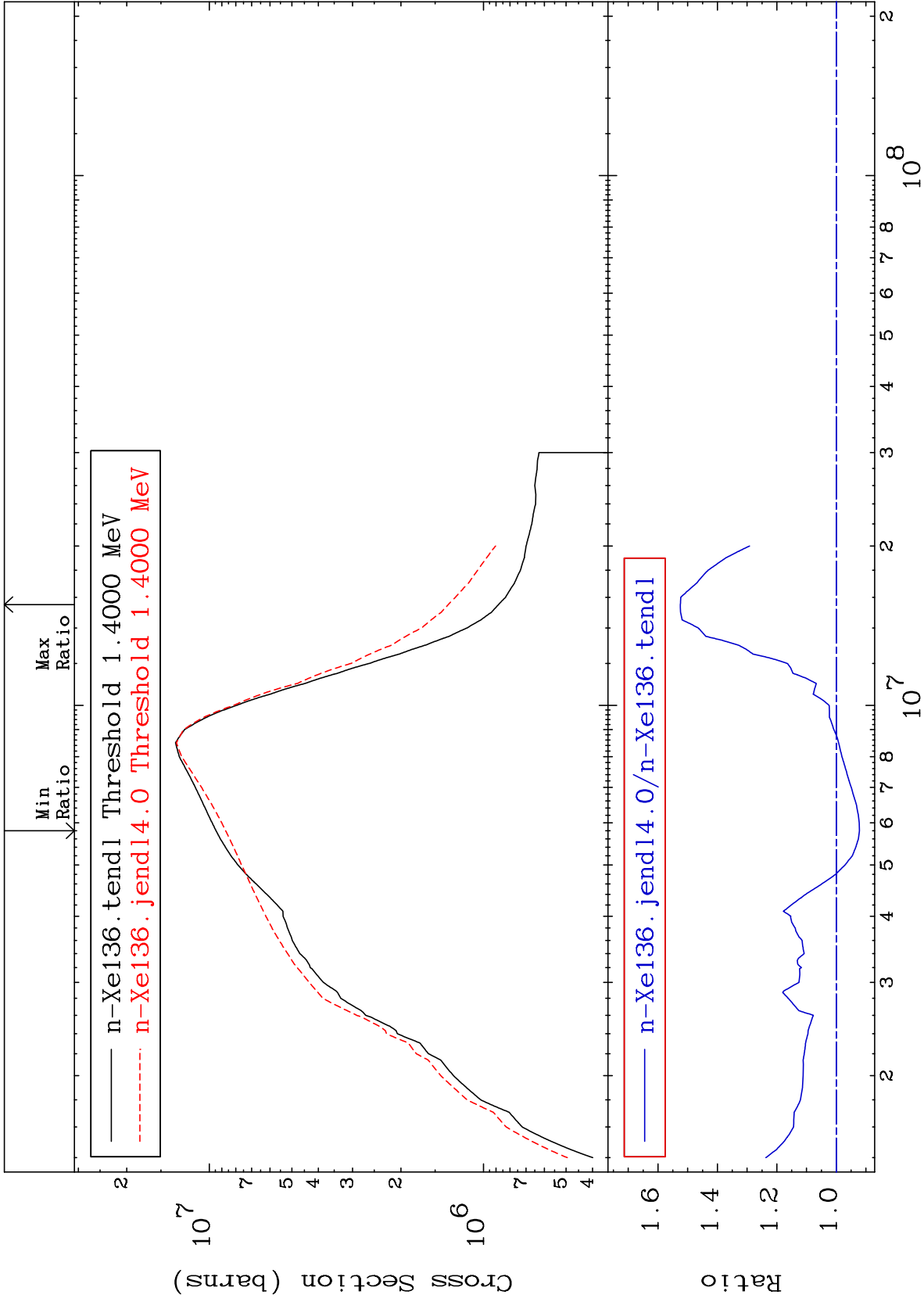
MAT 5461

Kerma elastic
Cross Section

54-Xe-136
-99.50 To 259.3 %



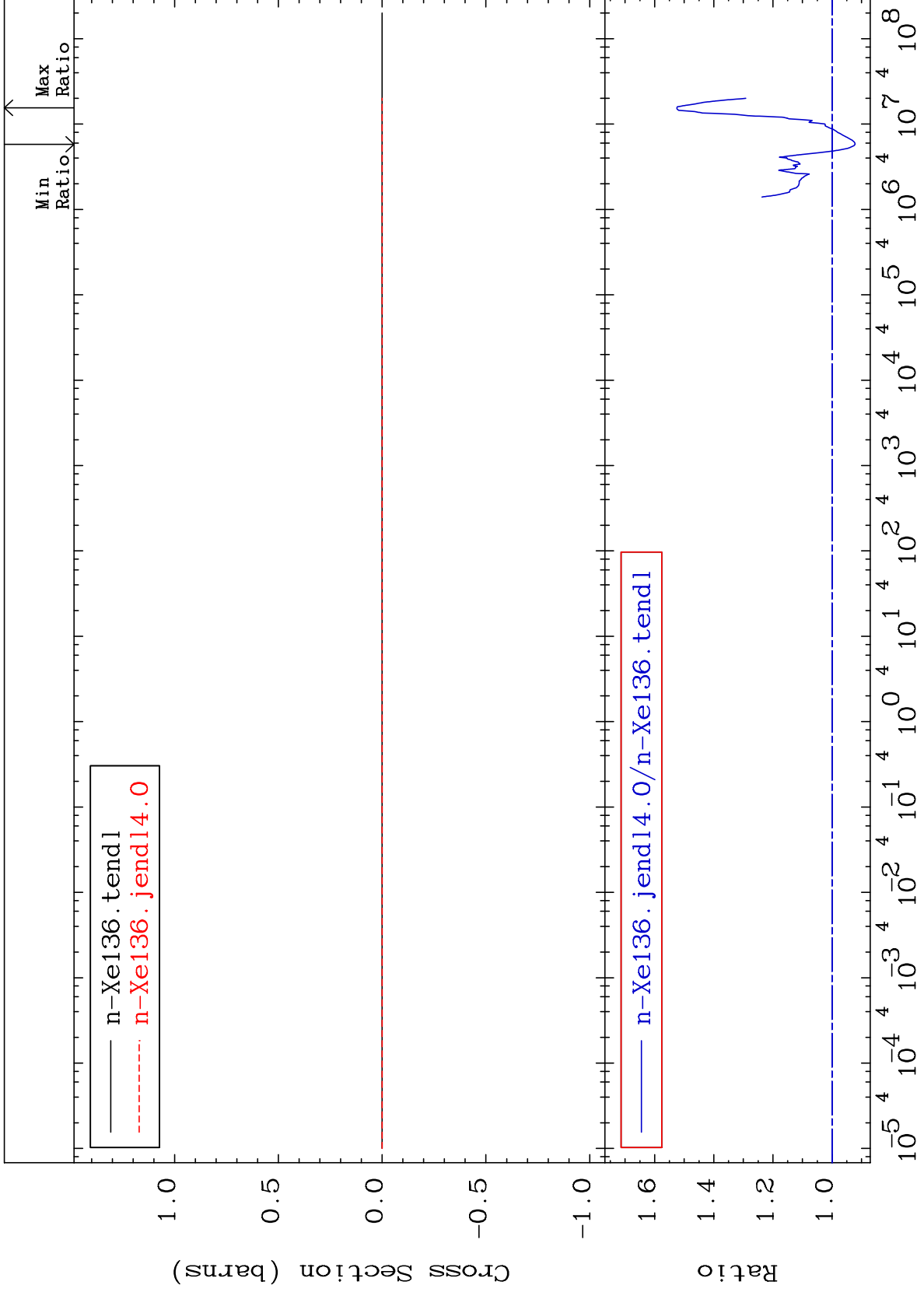




MAT 5461

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

54-Xe-136
-7.796 To 52.47 %



36

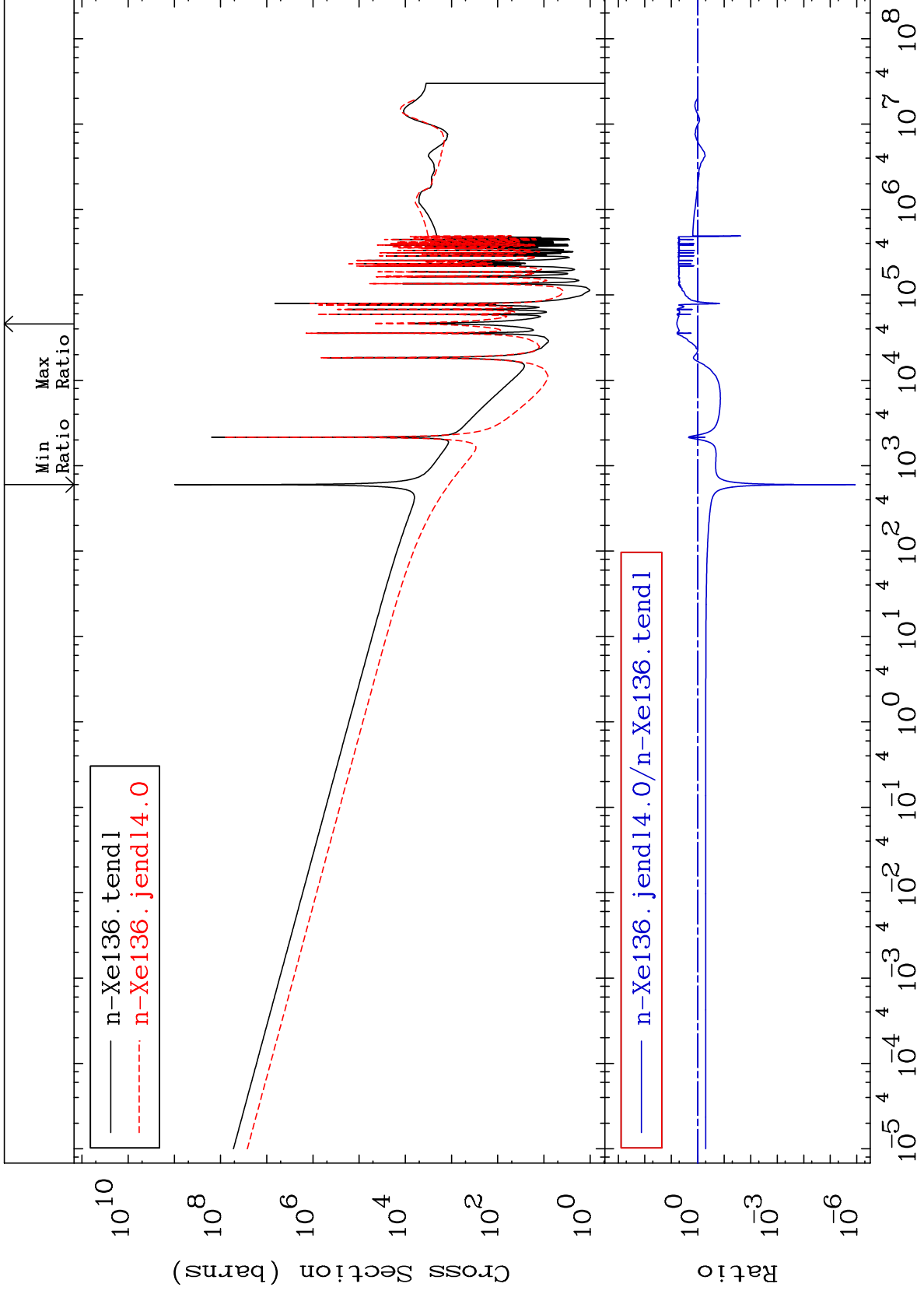
Incident Energy (eV)

54-Xe-136

MAT 5461

Kerma capture (mt102)
Cross Section

54-Xe-136
-100.0 To 512.3 %



37

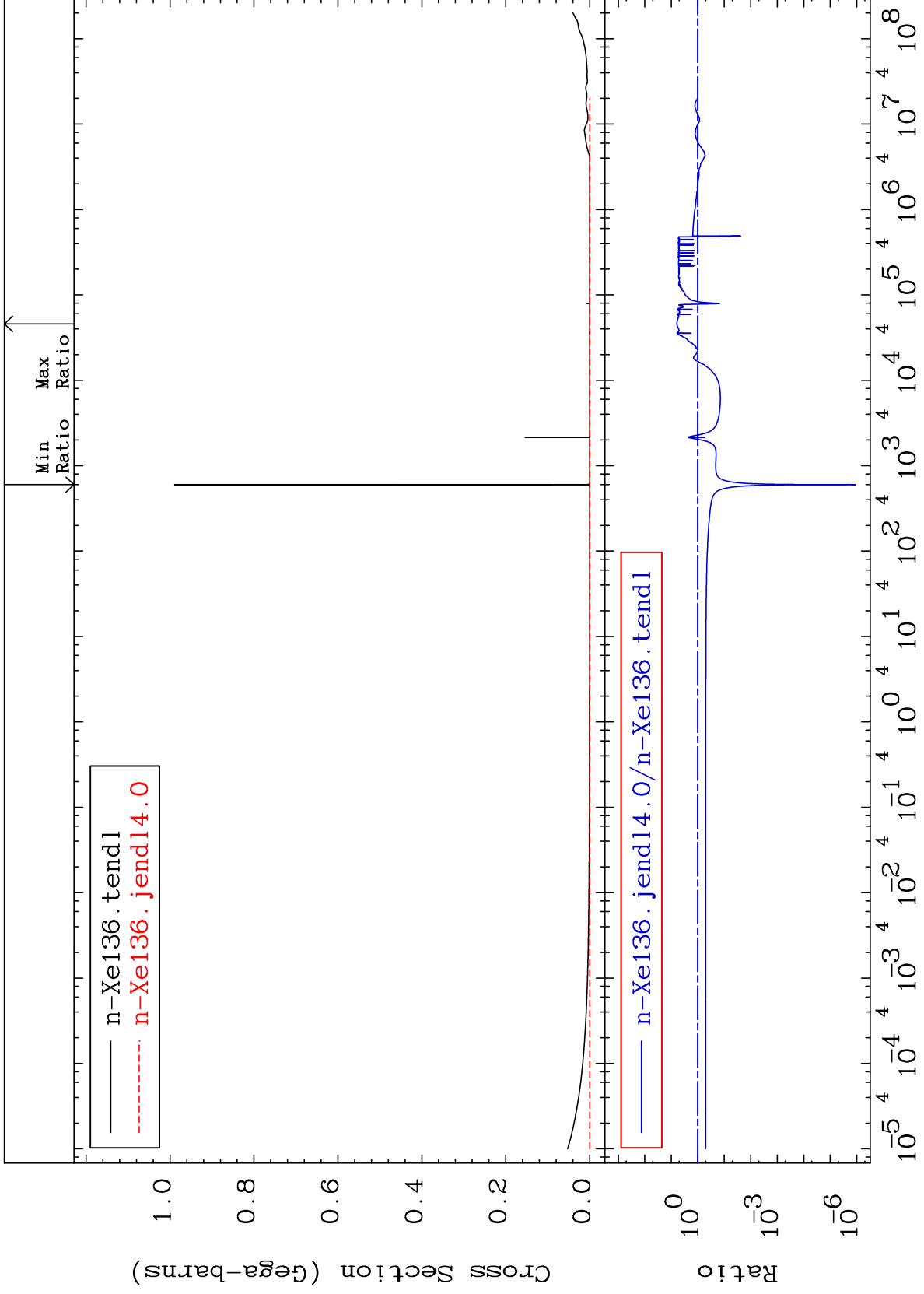
Incident Energy (eV)

54-Xe-136

MAT 5461

Total photon (eV-barns)
Cross Section

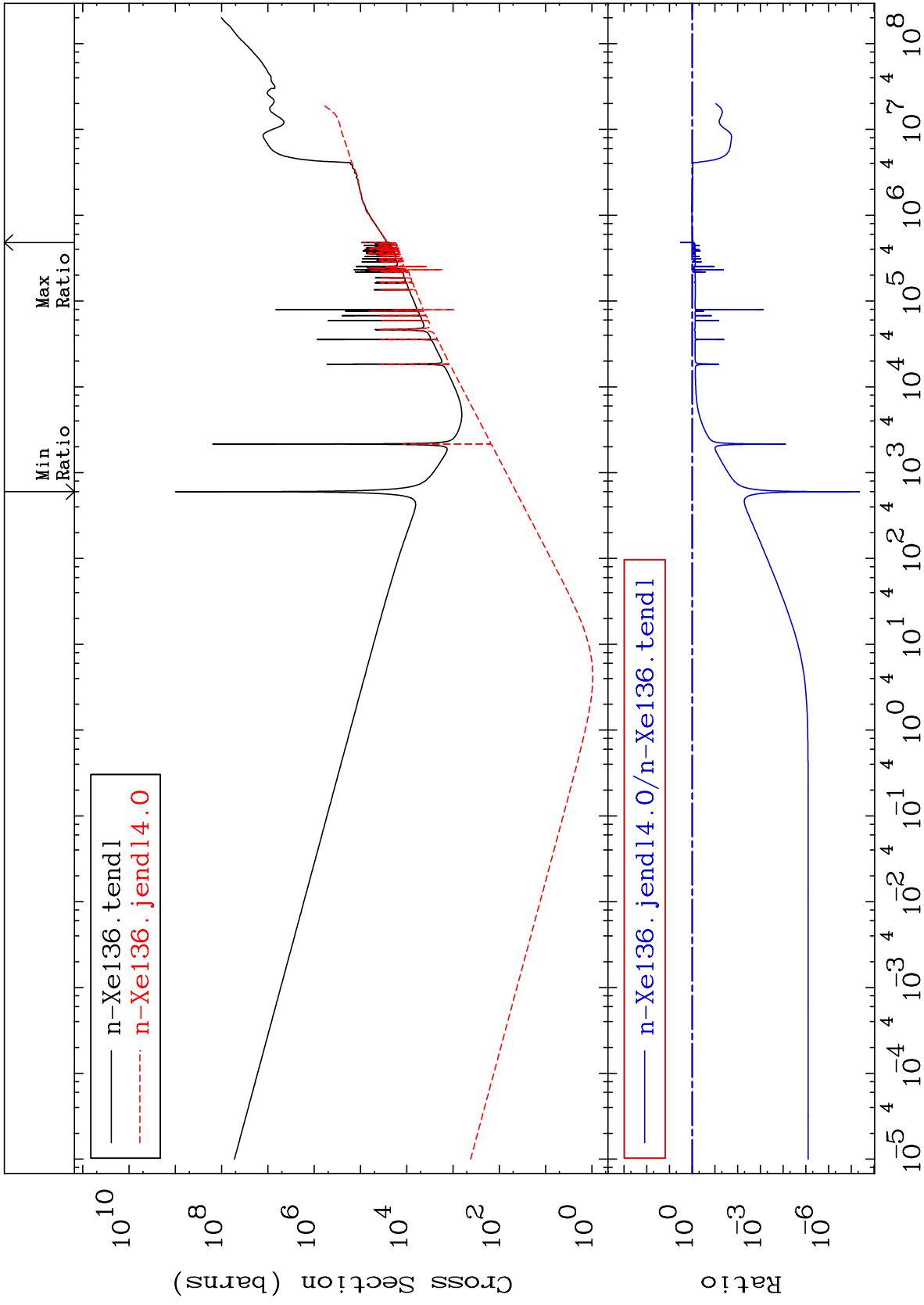
54-Xe-136
-100.0 To 512.3 %



MAT 5461

Total kinematic kerma (high limit)
Cross Section

54-Xe-136
-100.0 To 231.5 %



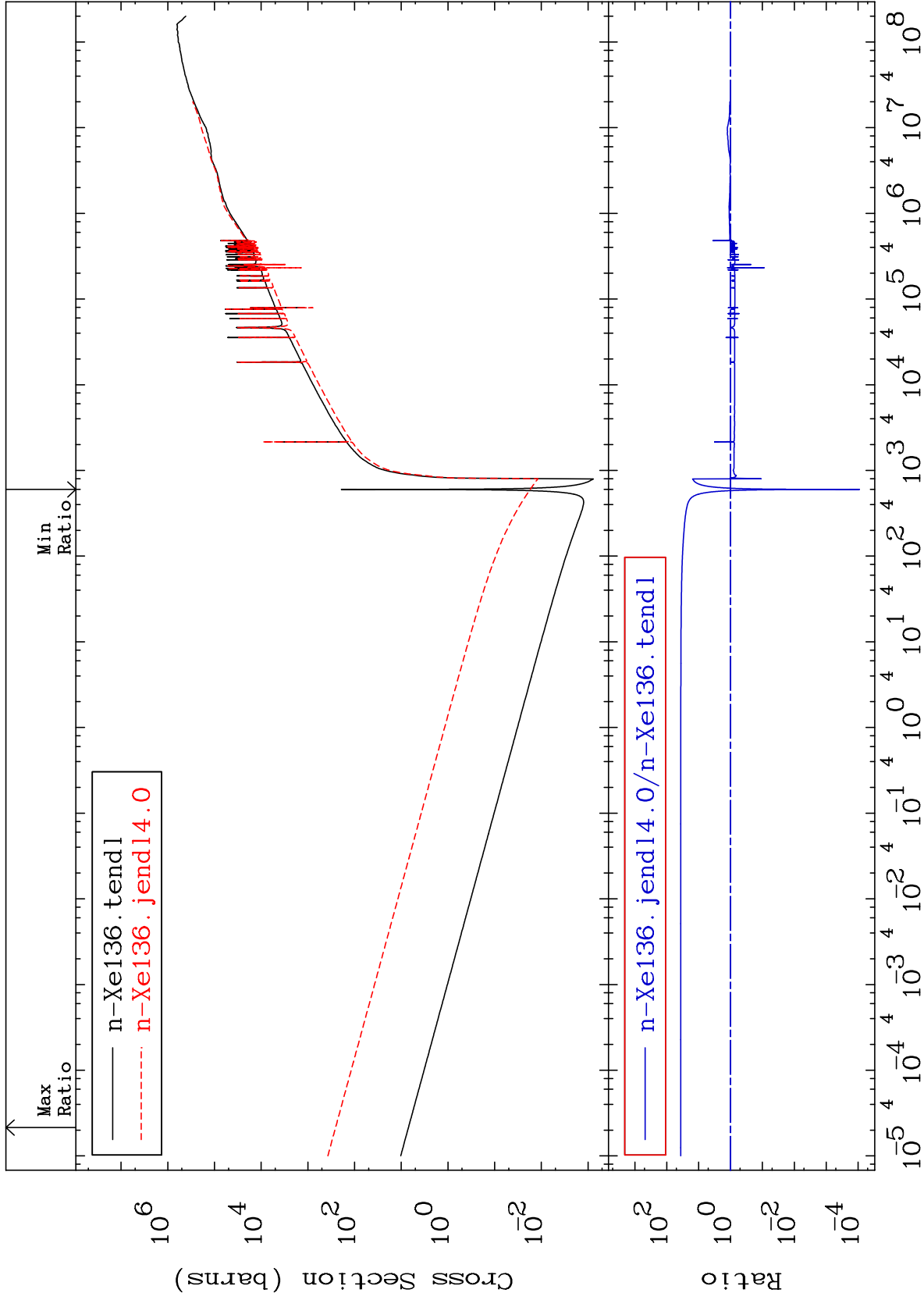
MAT 5461

Dpa total (eV-barns)

54-Xe-136

-99.99 To 3536. %

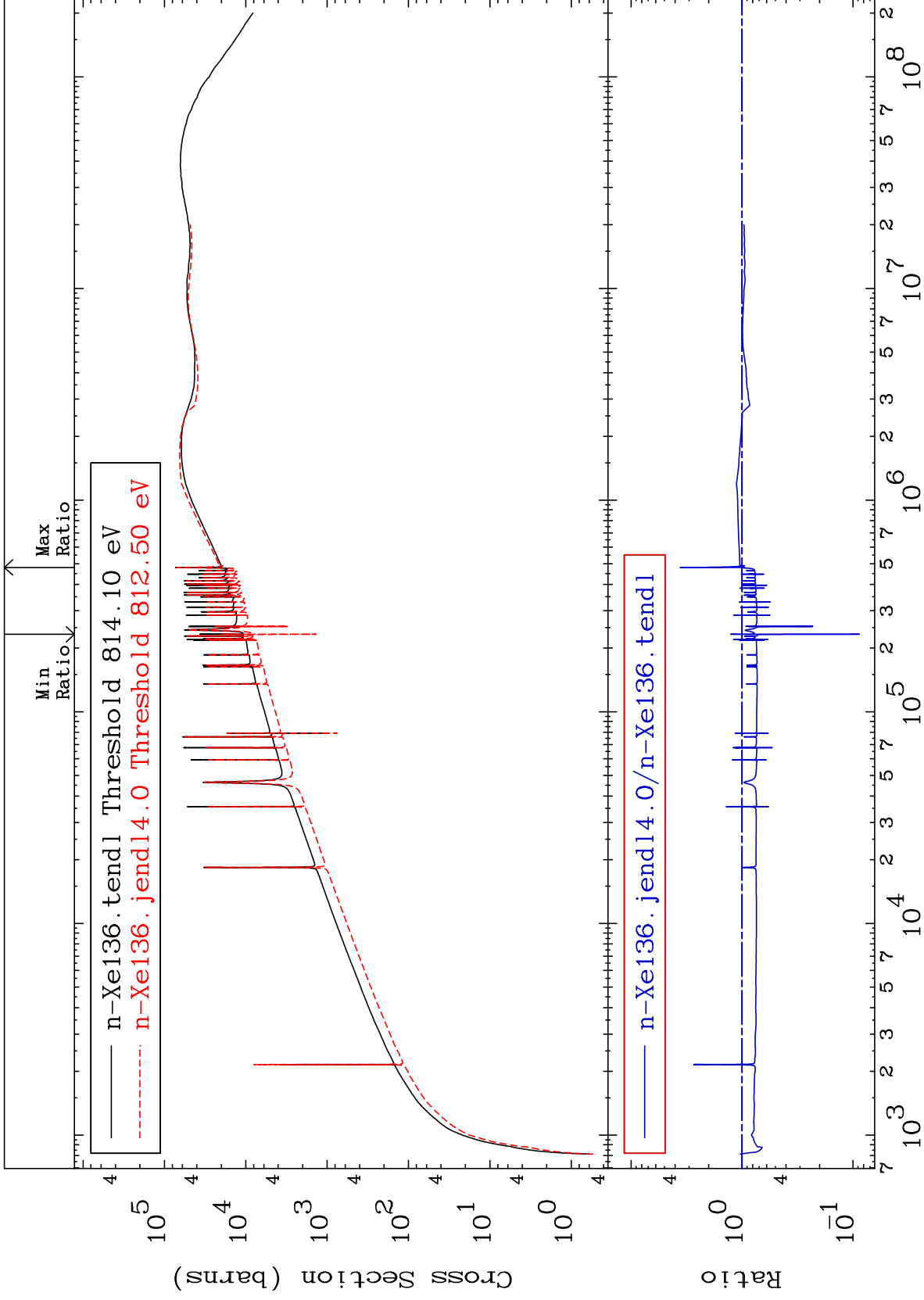
Cross Section



MAT 5461

Dpa elastic (mt2)
Cross Section

54-Xe-136
-91.27 To 259.3 %



41

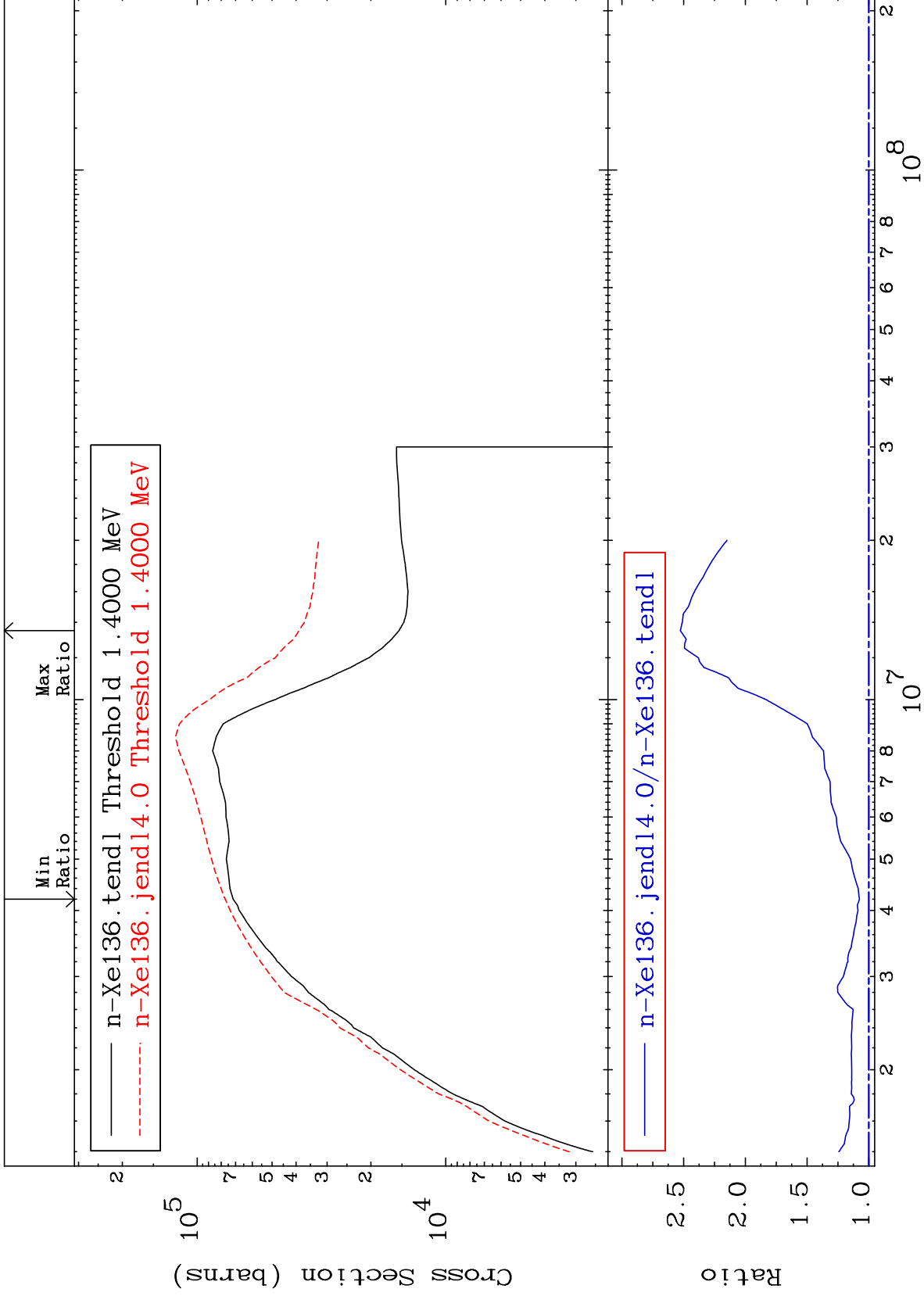
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa inelastic (mt51-91)
Cross Section

54-Xe-136
7.575 To 152.6 %



MAT 5461

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-136
-99.99 To 9999. %

