

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

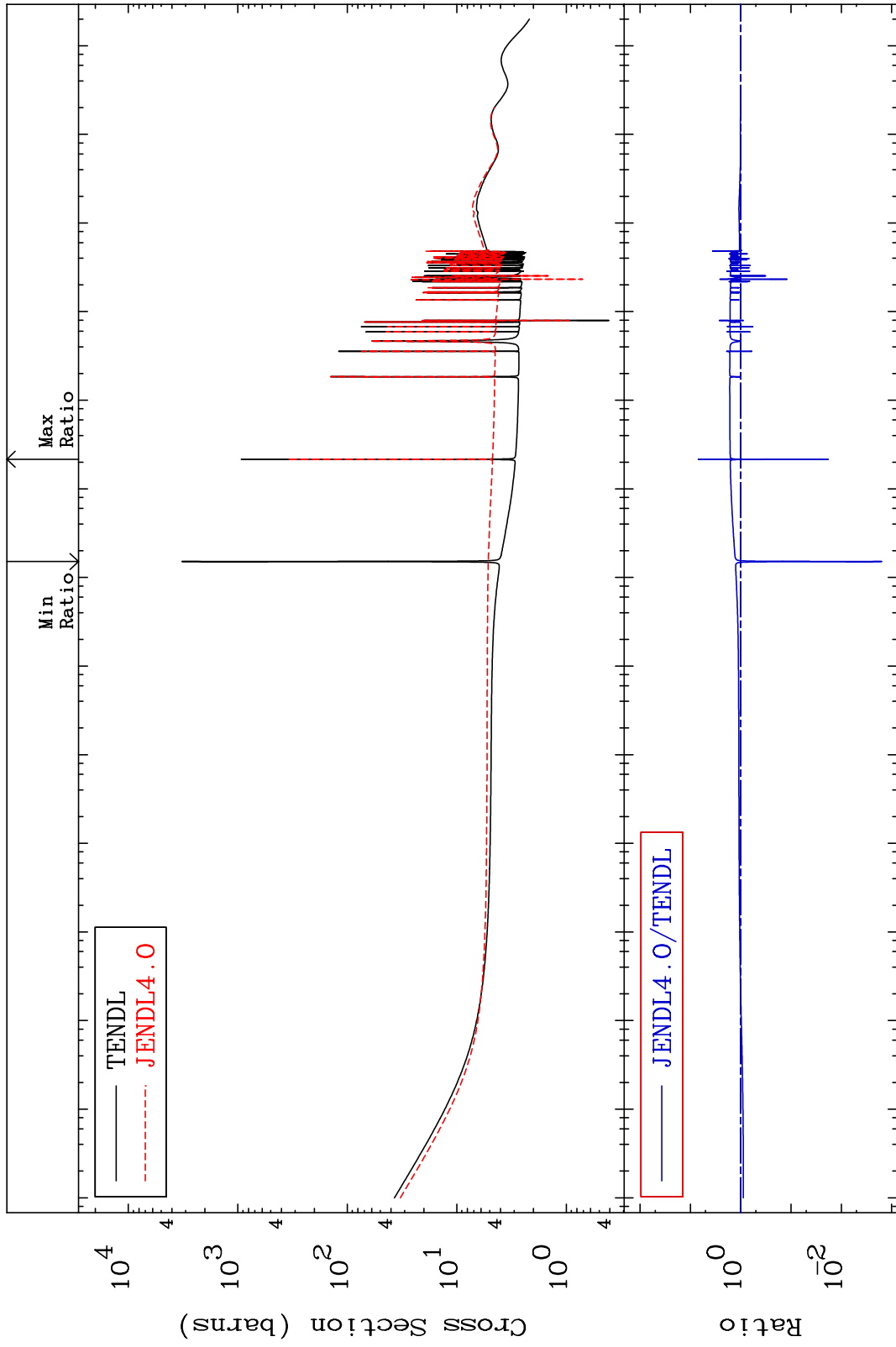
MAT 5461

Total

54-Xe-136

Cross Section

-99.84 To 594.9 %



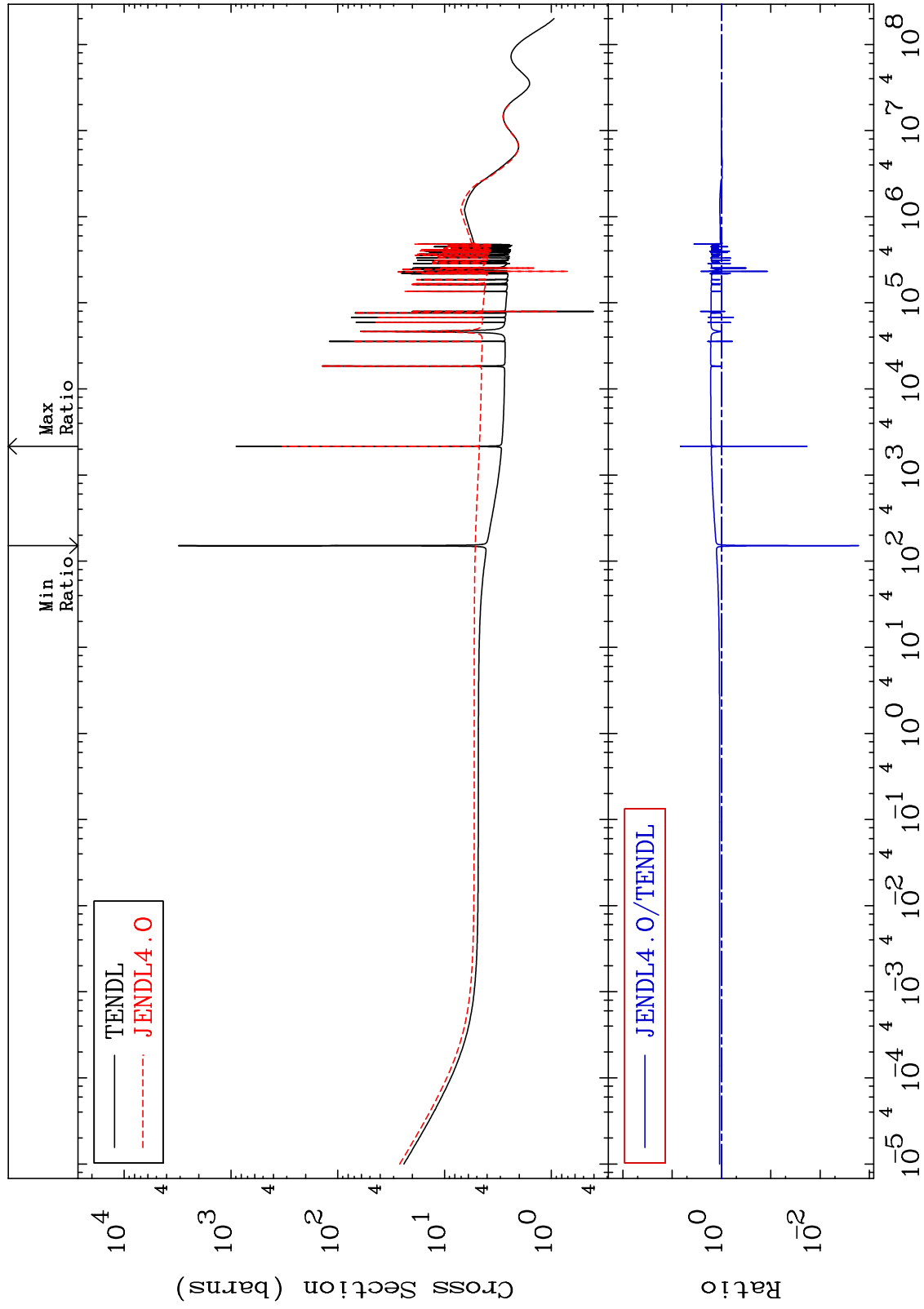
Incident Energy (eV)

54-Xe-136

MAT 5461

Elastic
Cross Section

54-Xe-136
-99.83 To 579.2 %



2

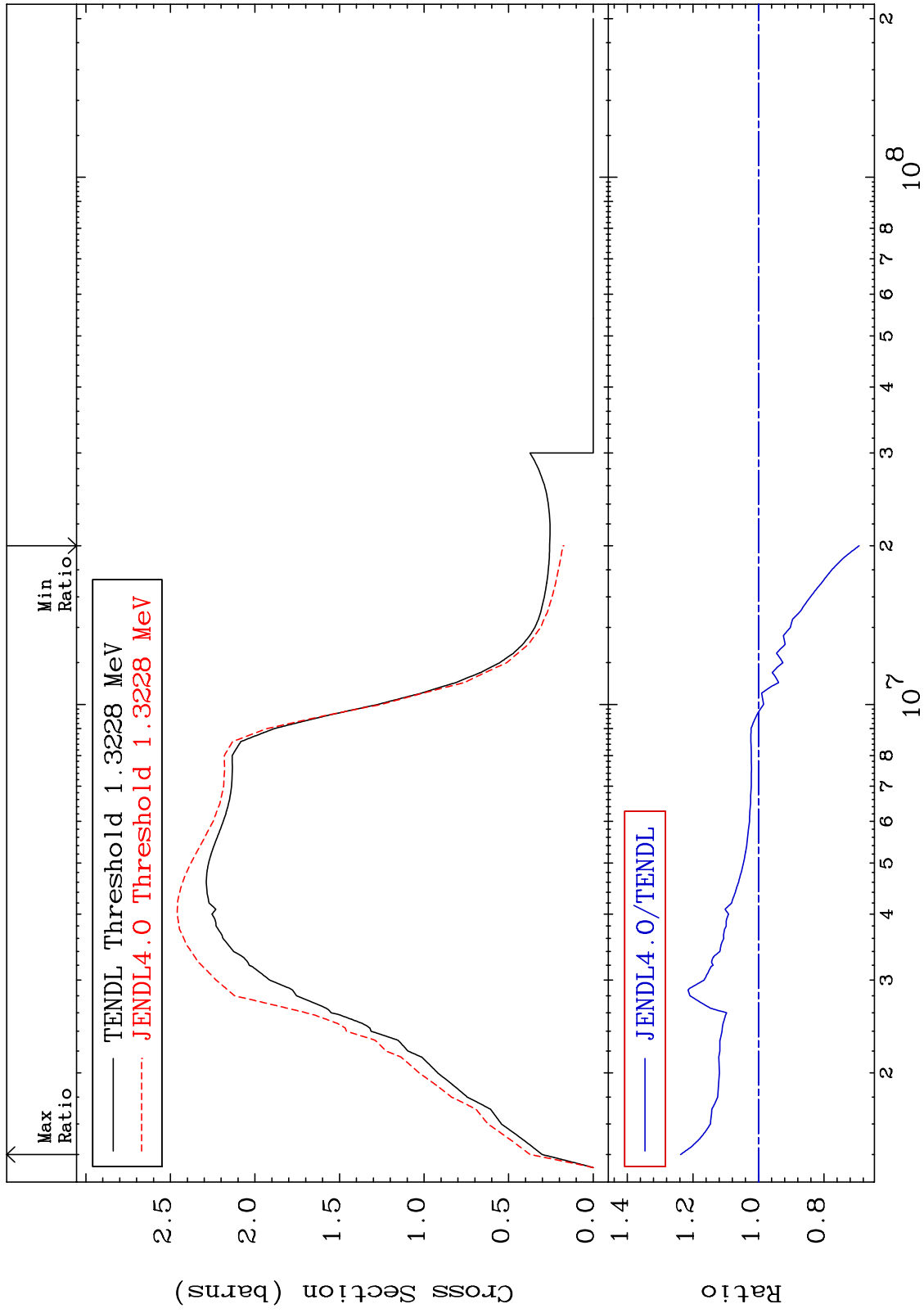
Incident Energy (eV)

54-Xe-136

MAT 5461

Inelastic
Cross Section

54-Xe-136
-30.72 To 23.75 %



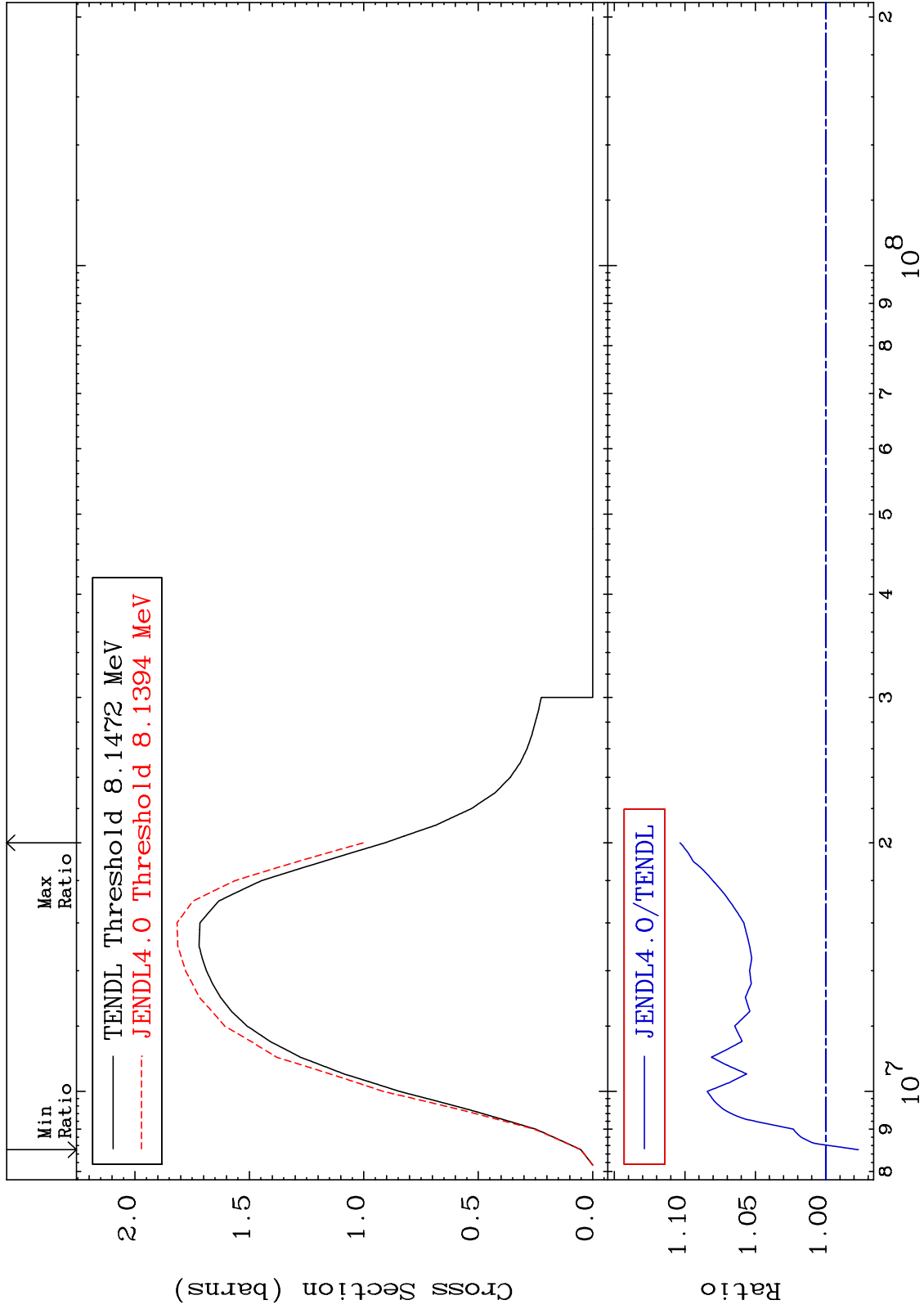
MAT 5461

(n,2n)

54-Xe-136

Cross Section

-2.308 To 10.35 %



4

54-Xe-136

54-Xe-136

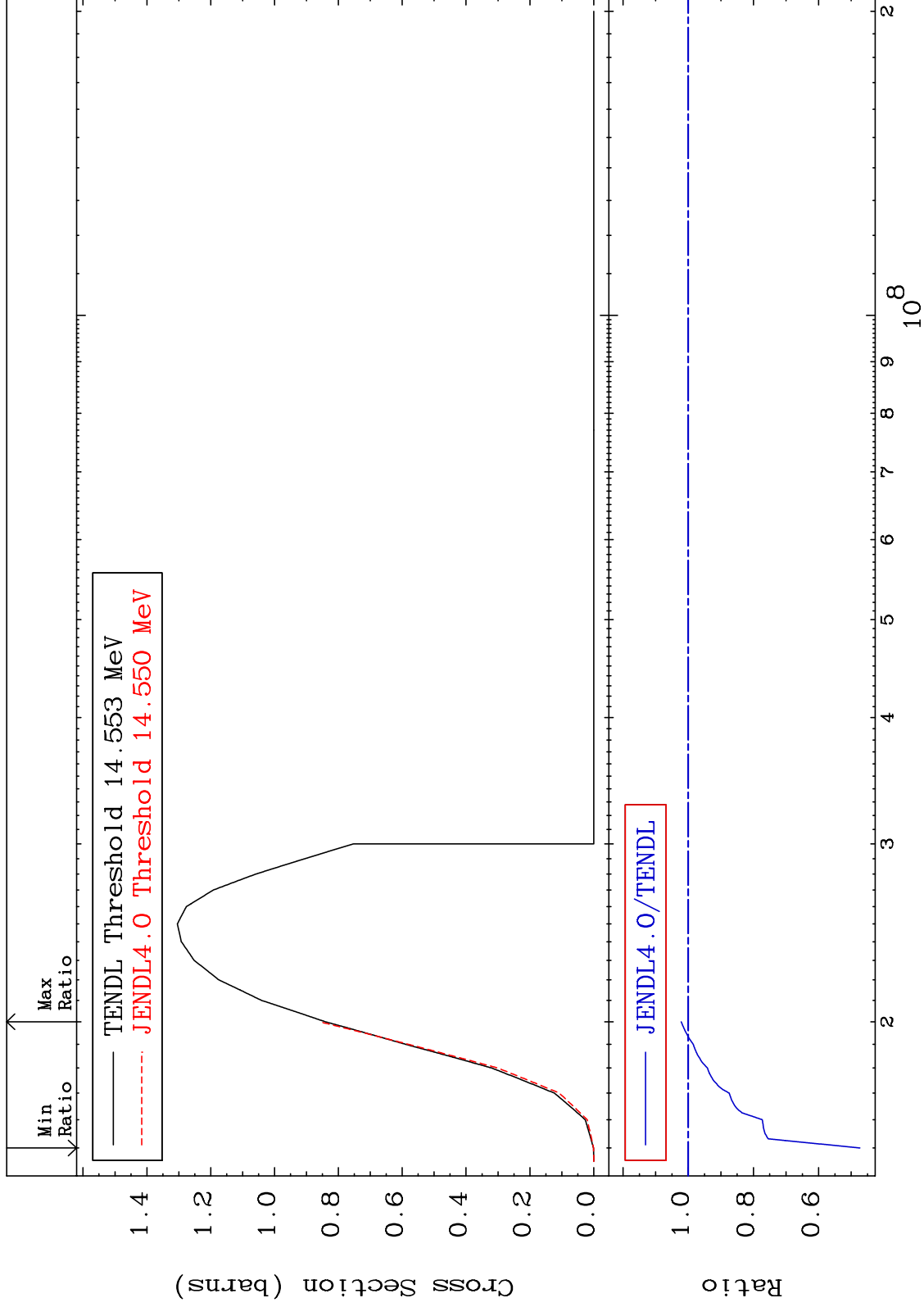
MAT 5461

(n,3n)

54-Xe-136

Cross Section

-52.68 To 2.154 %



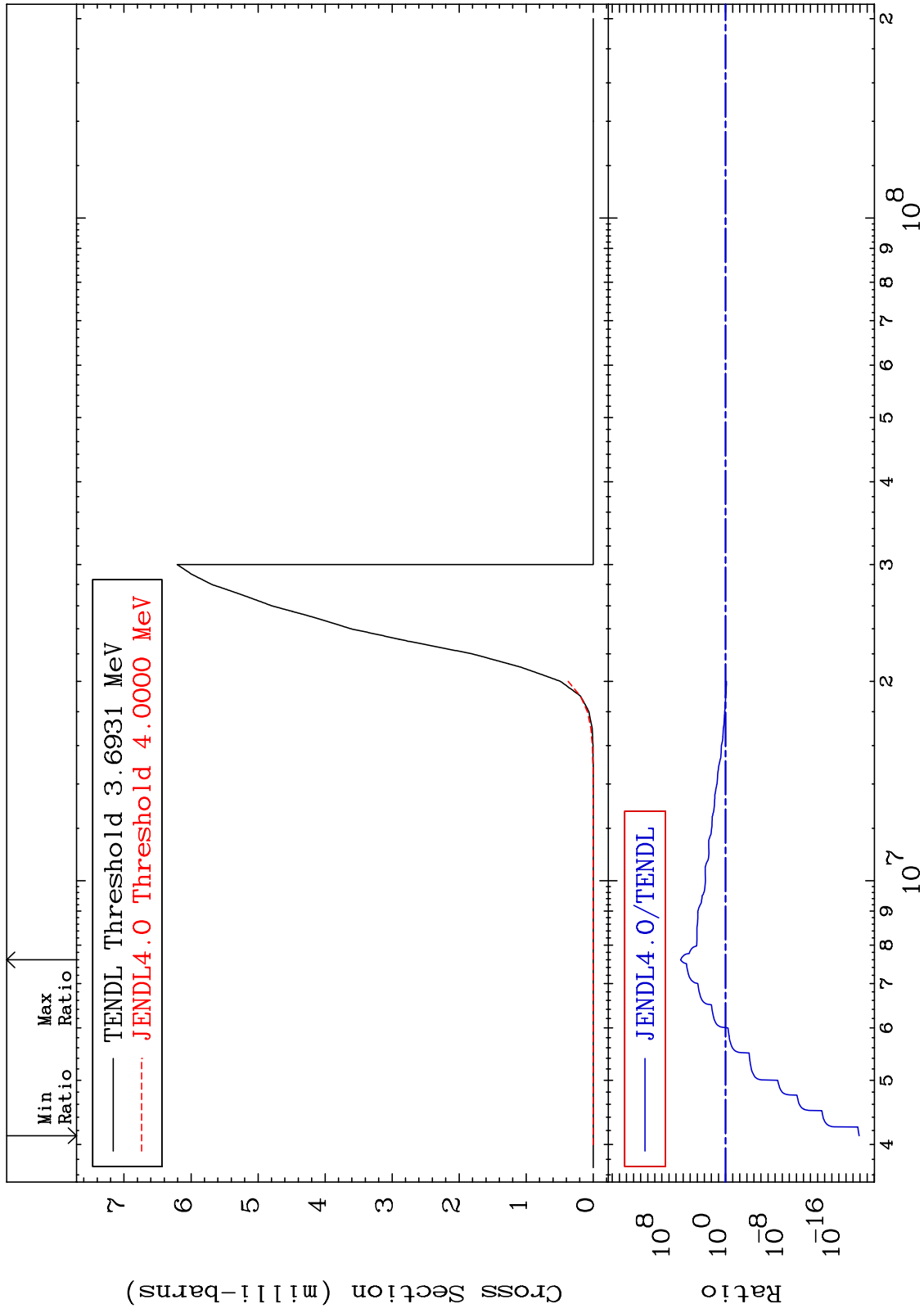
MAT 5461

(n,n') α

54-Xe-136

Cross Section

-100.0 To 9999. %



6

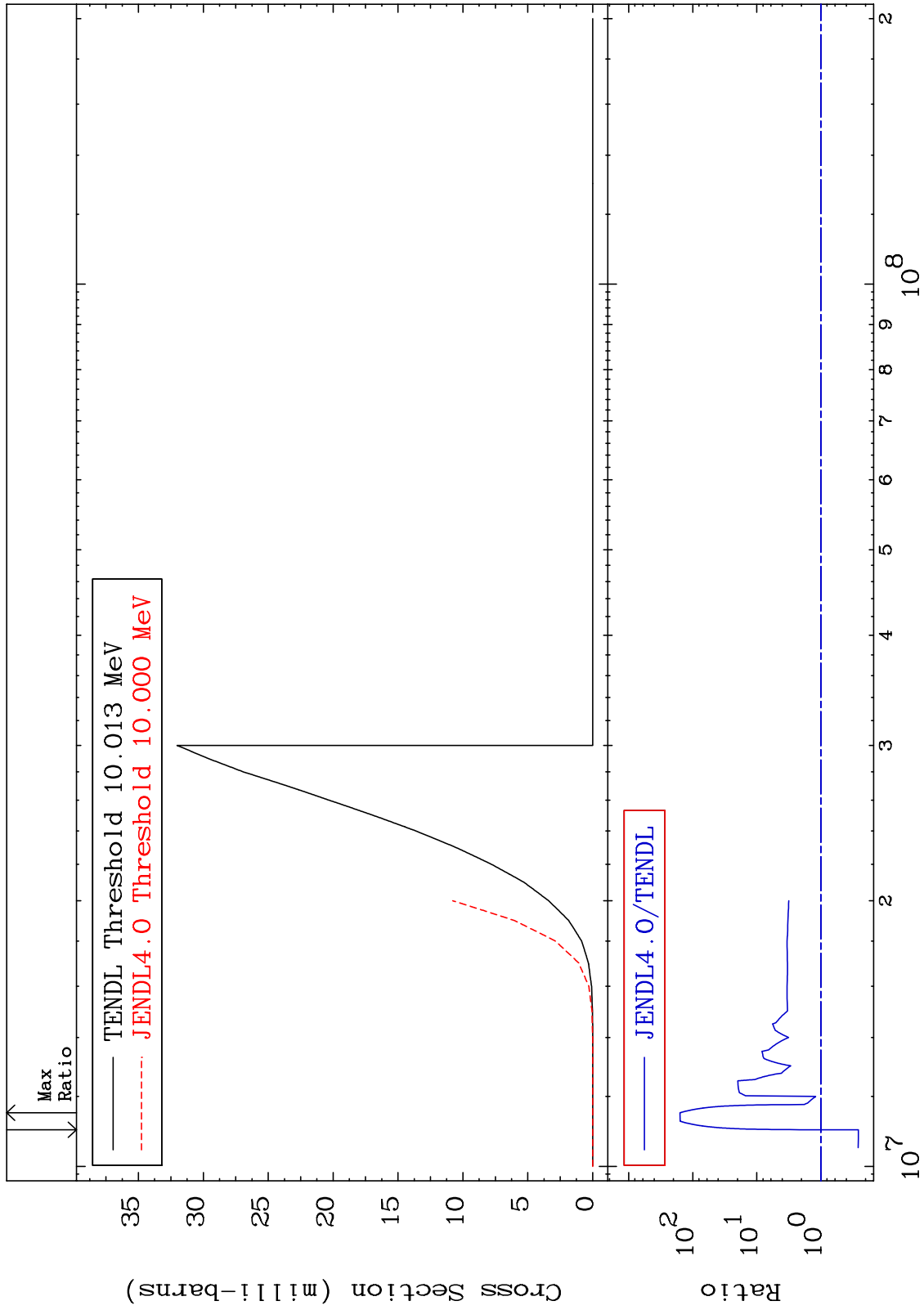
Incident Energy (eV)

54-Xe-136

MAT 5461

(n,n') p
Cross Section

54-Xe-136
-74.14 To 9999. %



Incident Energy (eV)

54-Xe-136

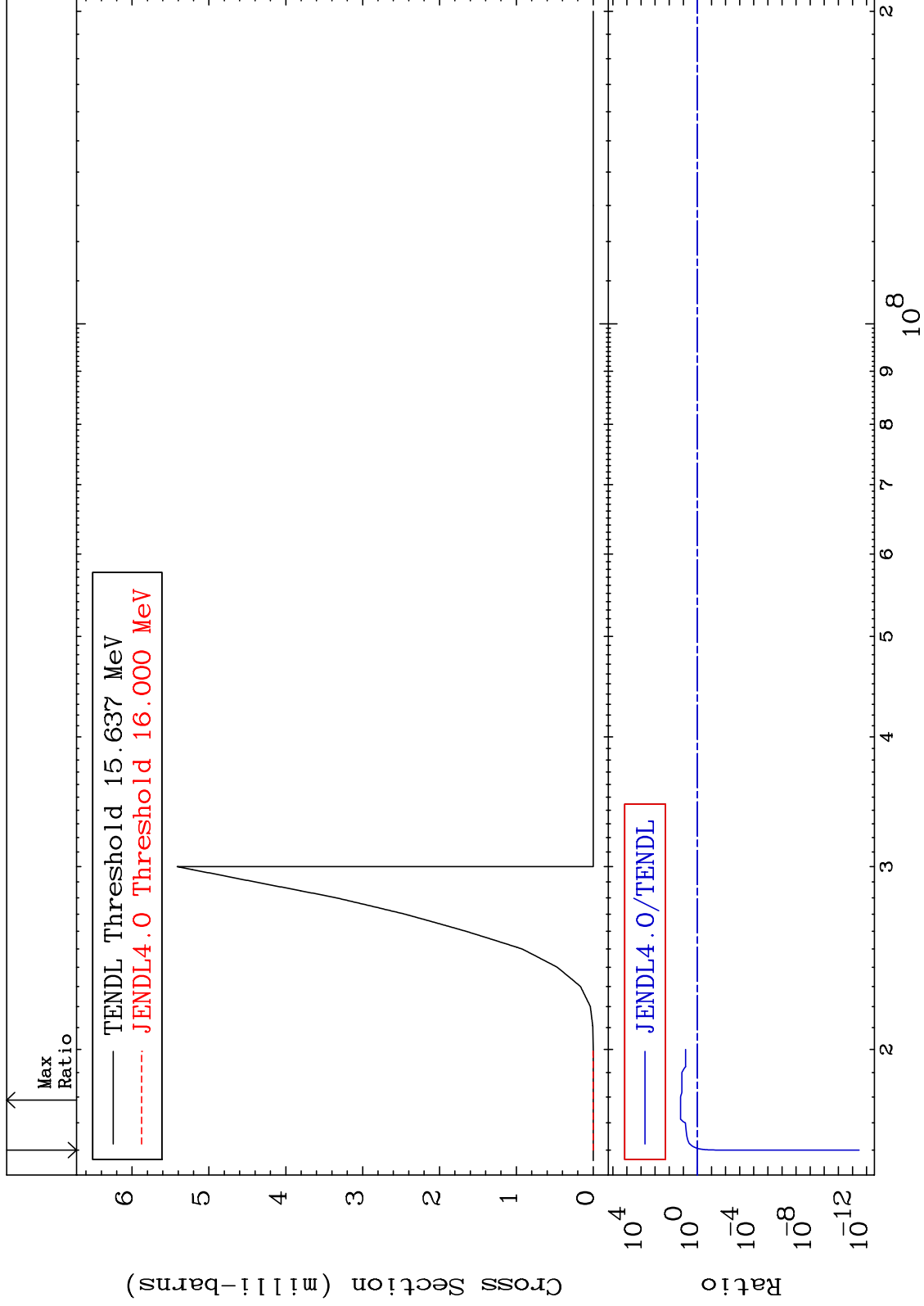
MAT 5461

(n,n') d

54-Xe-136

Cross Section

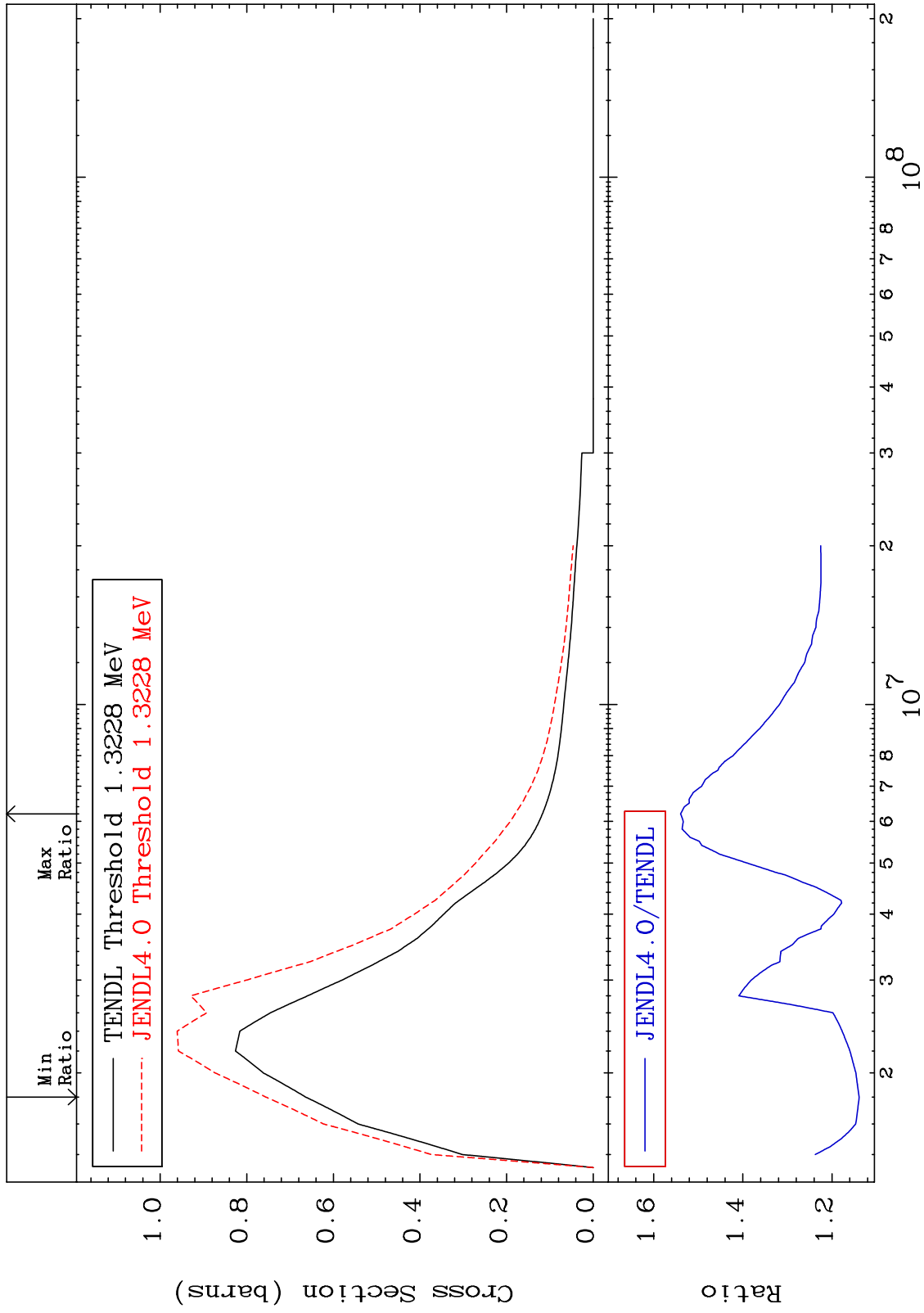
-100.0 To 1447. %



MAT 5461

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

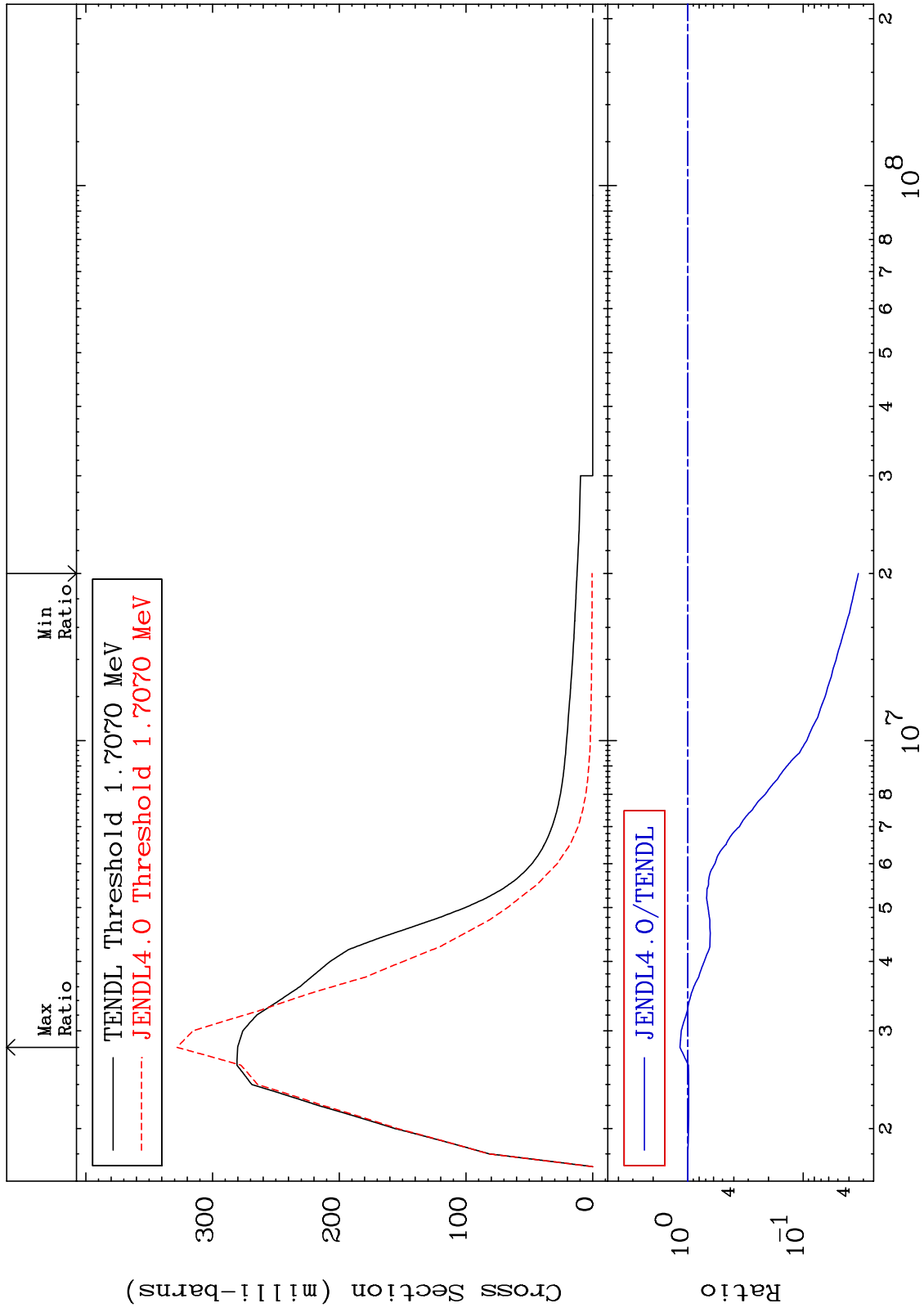
13.89 To 53.96 %
54-Xe-136



MAT 5461

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

54-Xe-136
-96.69 To 17.04 %



10

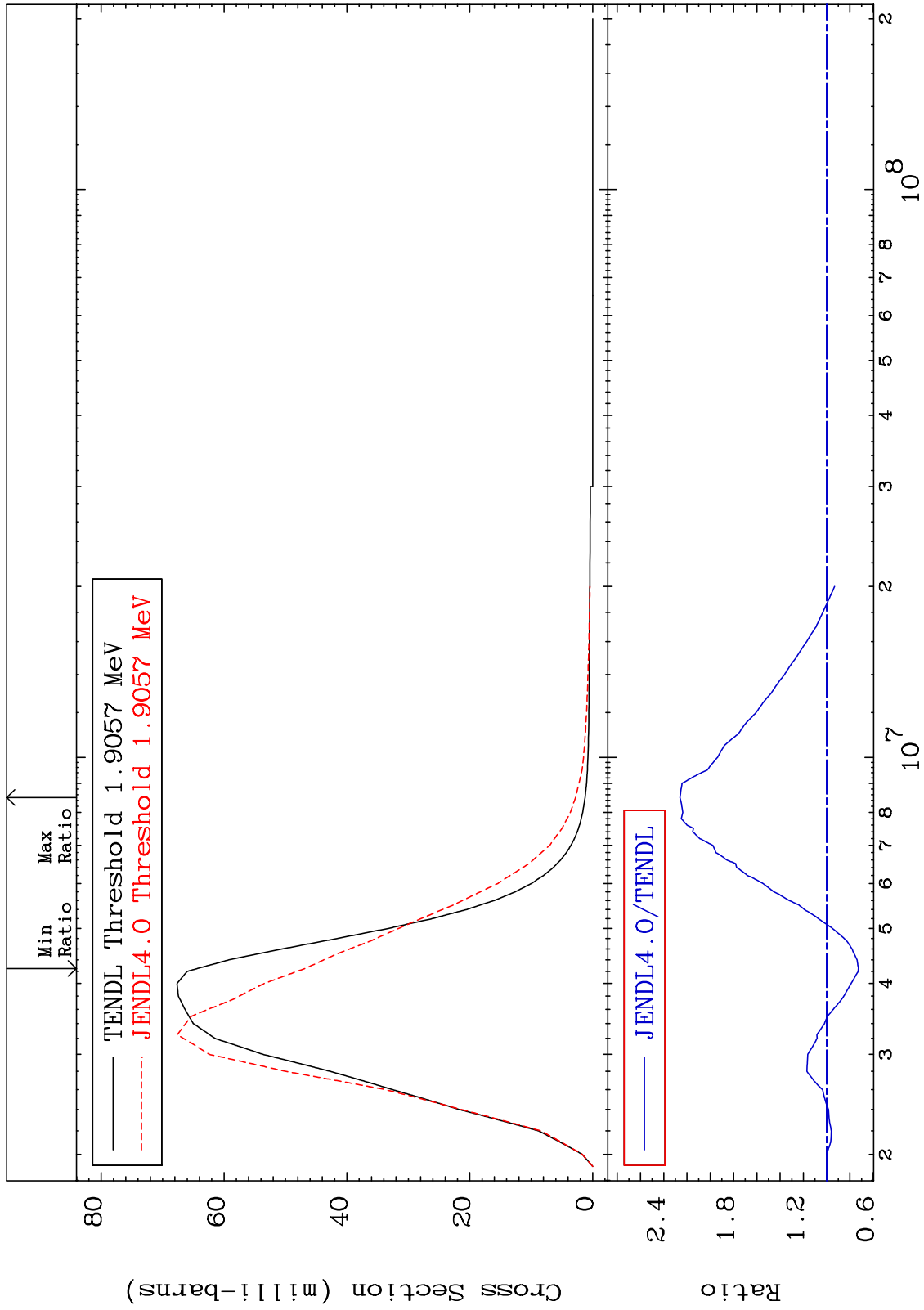
Incident Energy (eV)

54-Xe-136

MAT 5461

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

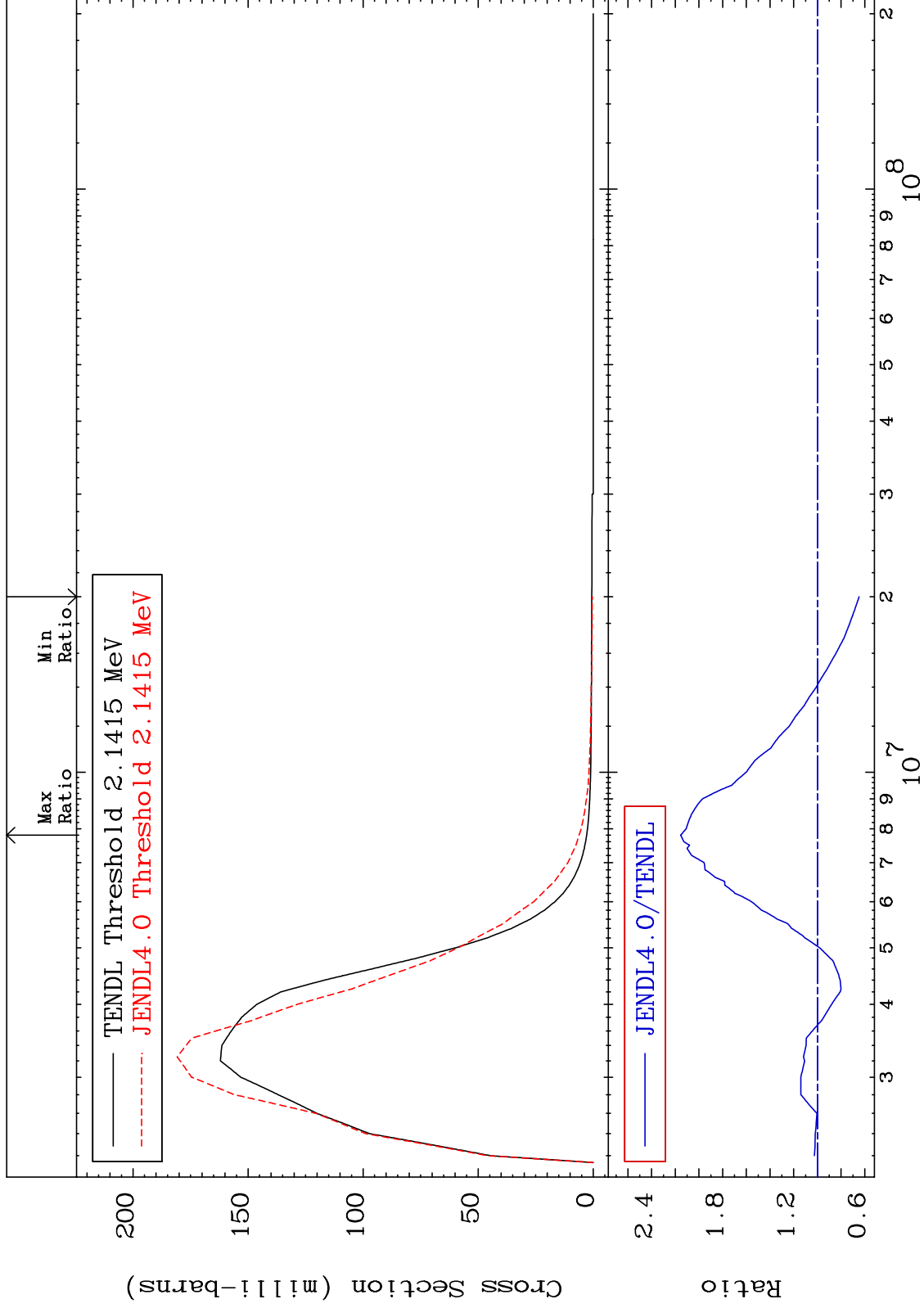
54-Xe-136
-27.26 To 126.0 %



MAT 5461

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

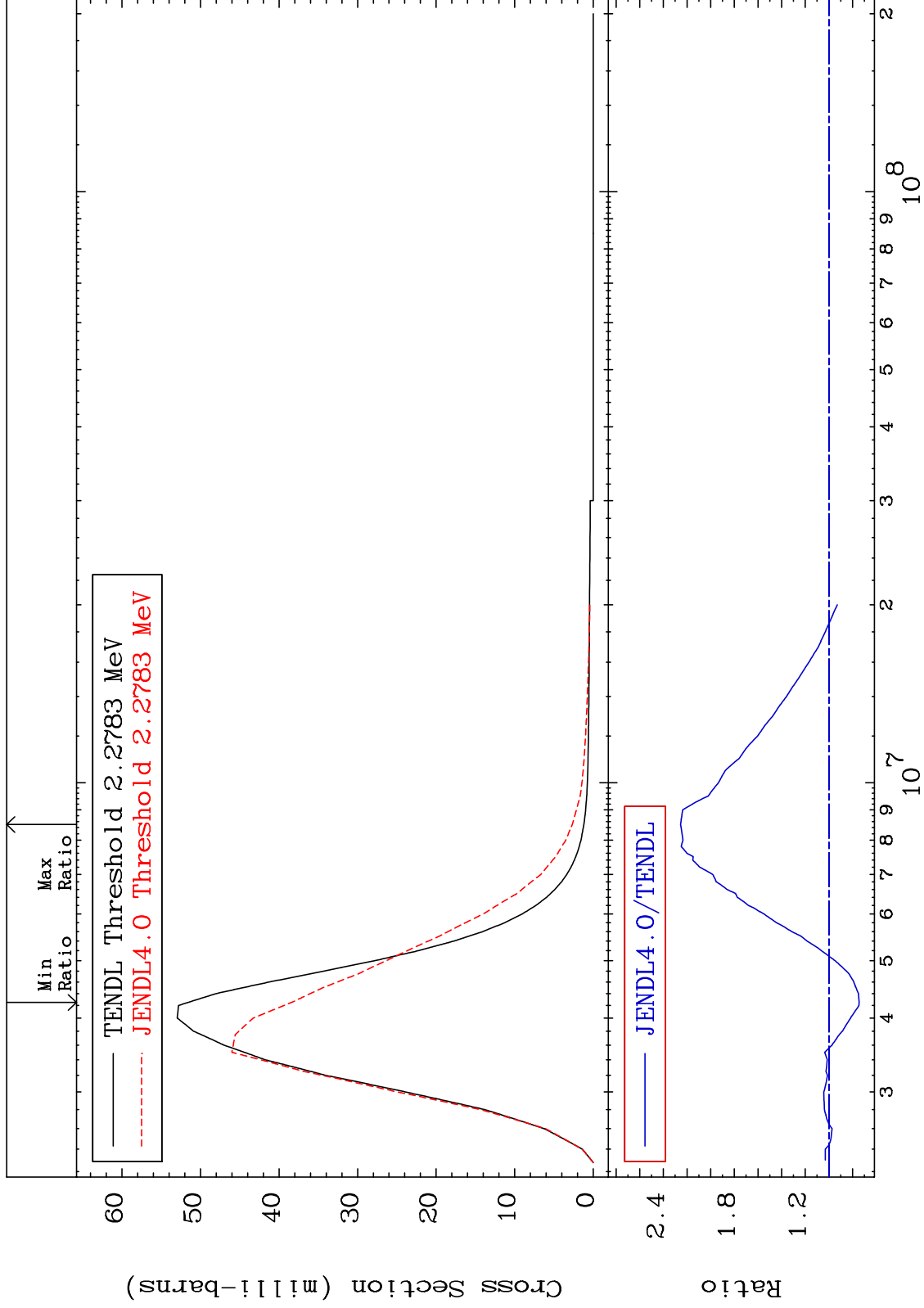
54-Xe-136
-35.28 To 115.5 %



MAT 5461

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

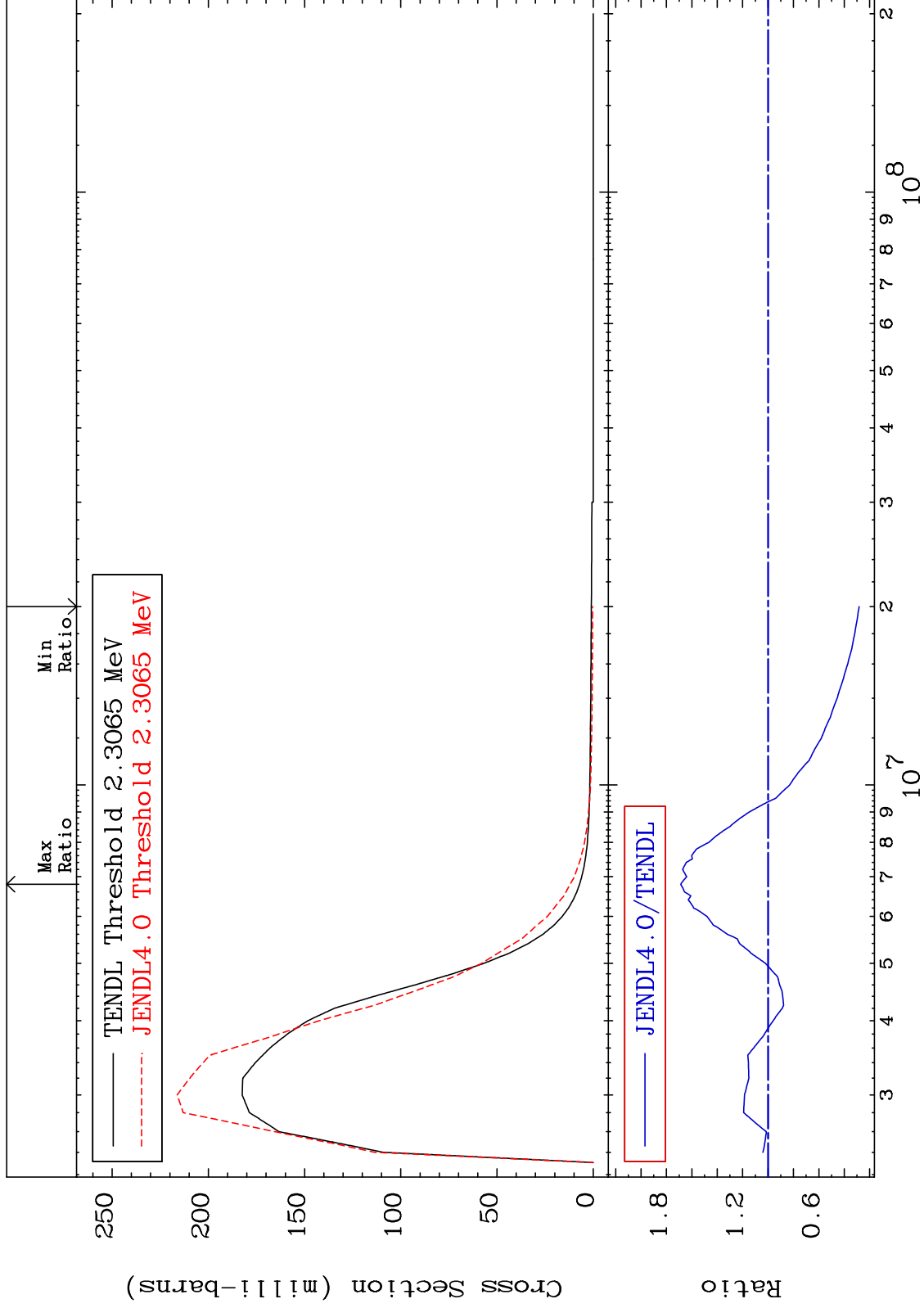
54-Xe-136
-25.58 To 125.4 %



MAT 5461

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

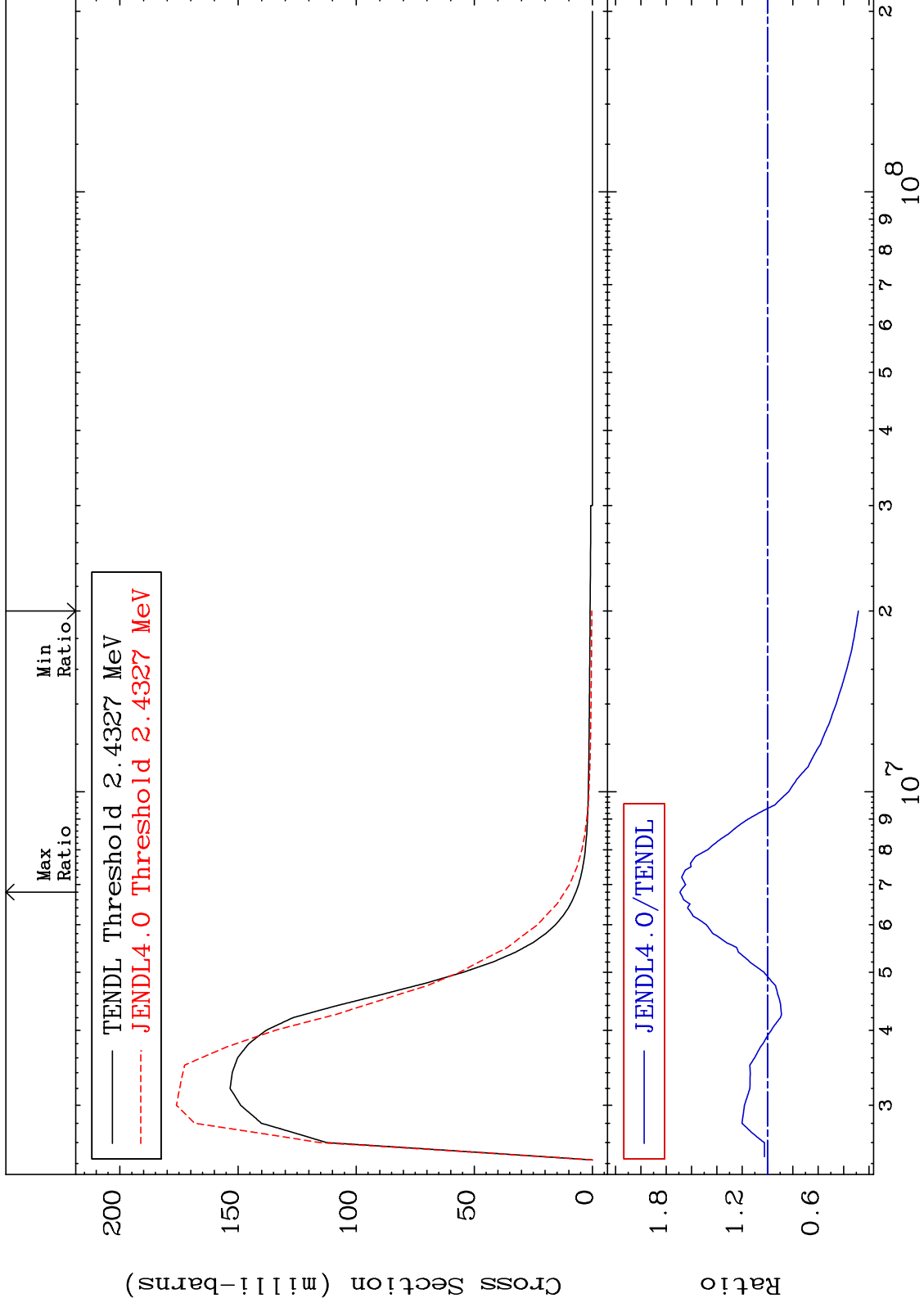
54-Xe-136
-71.75 To 68.84 %



MAT 5461

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

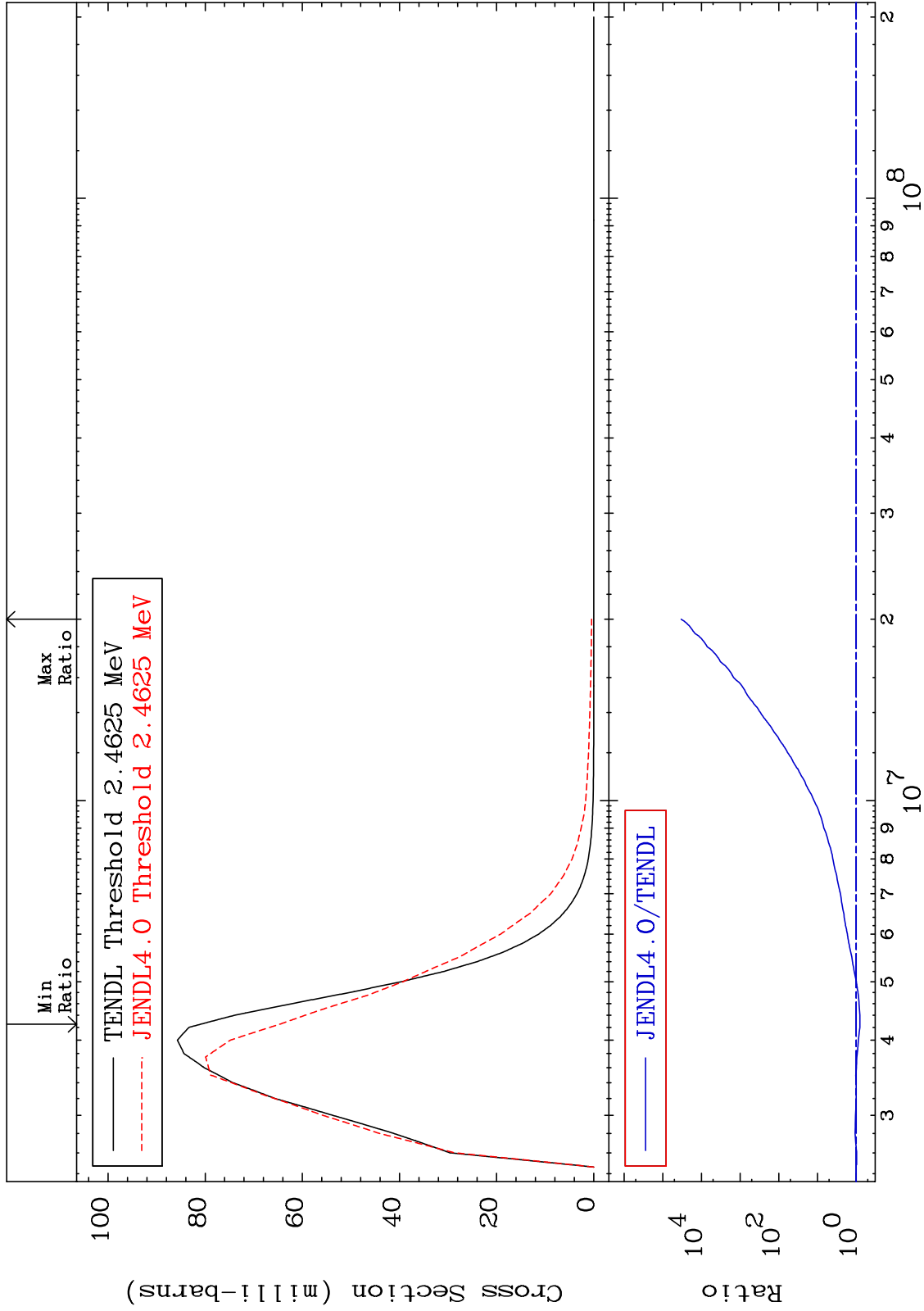
54-Xe-136
-71.67 To 69.28 %



MAT 5461

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

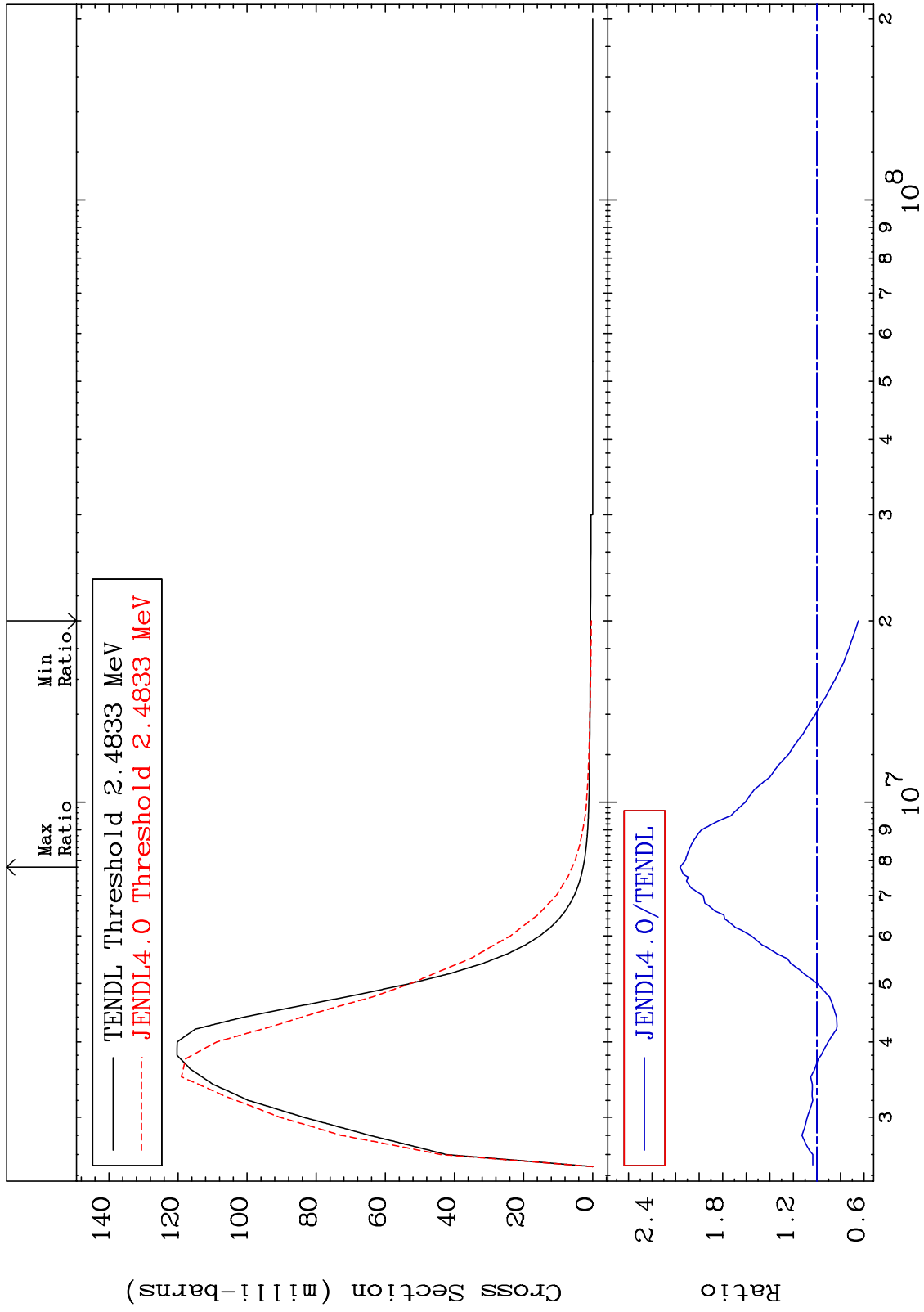
54-Xe-136
-20.15 To 9999. %



MAT 5461

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

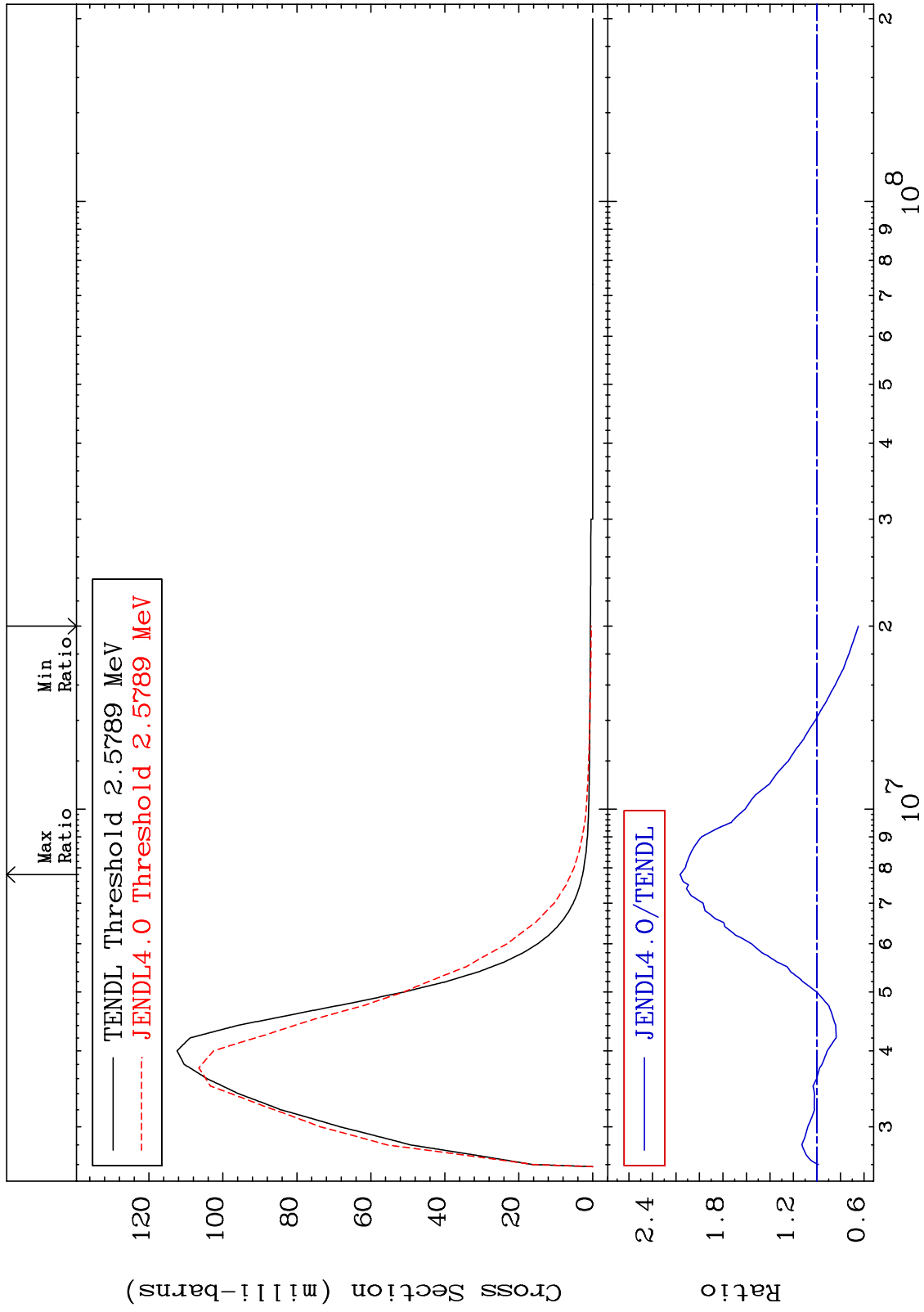
54-Xe-136
-35.29 To 116.2 %



MAT 5461

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

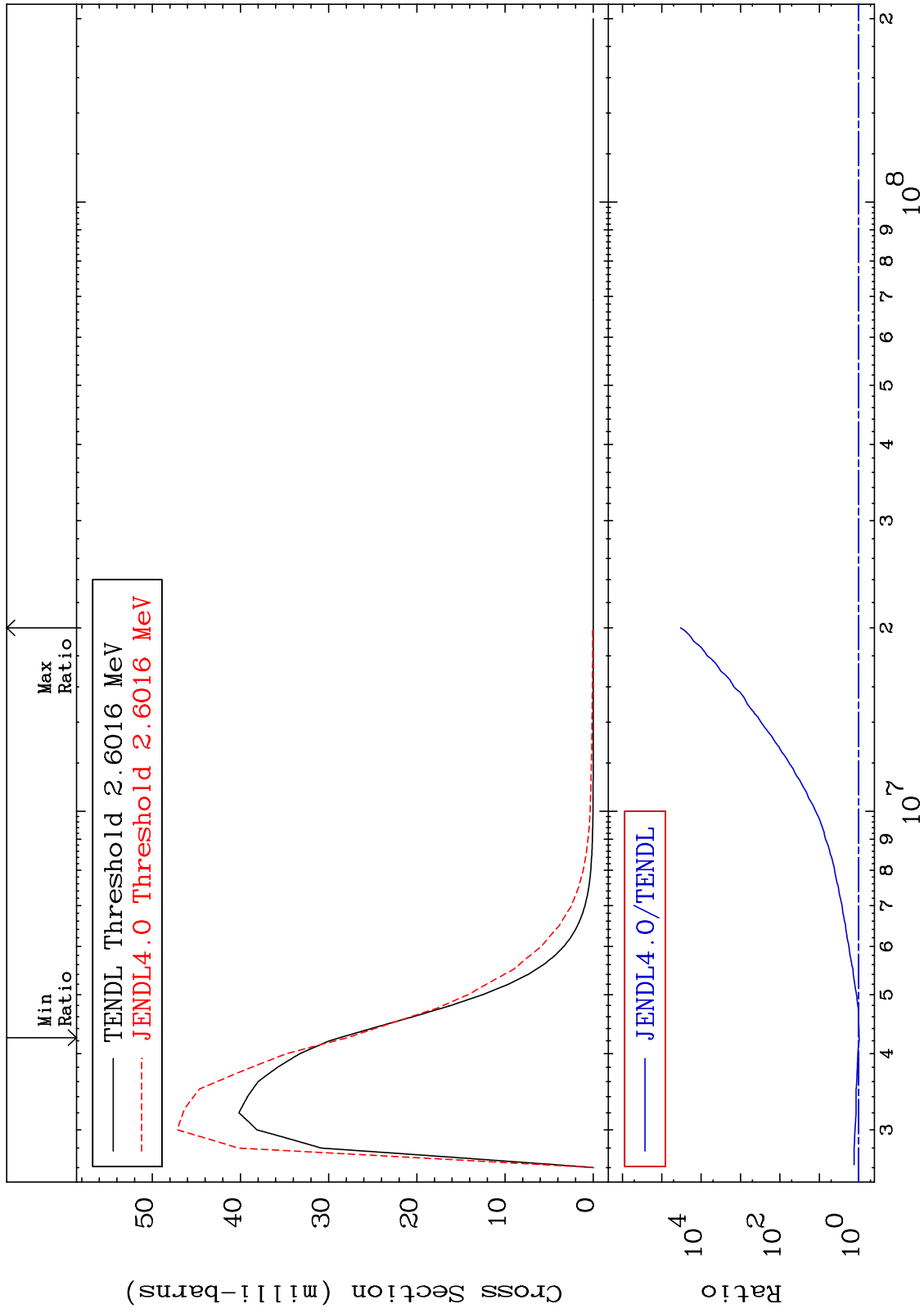
54-Xe-136
-35.28 To 116.5 %



MAT 5461

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

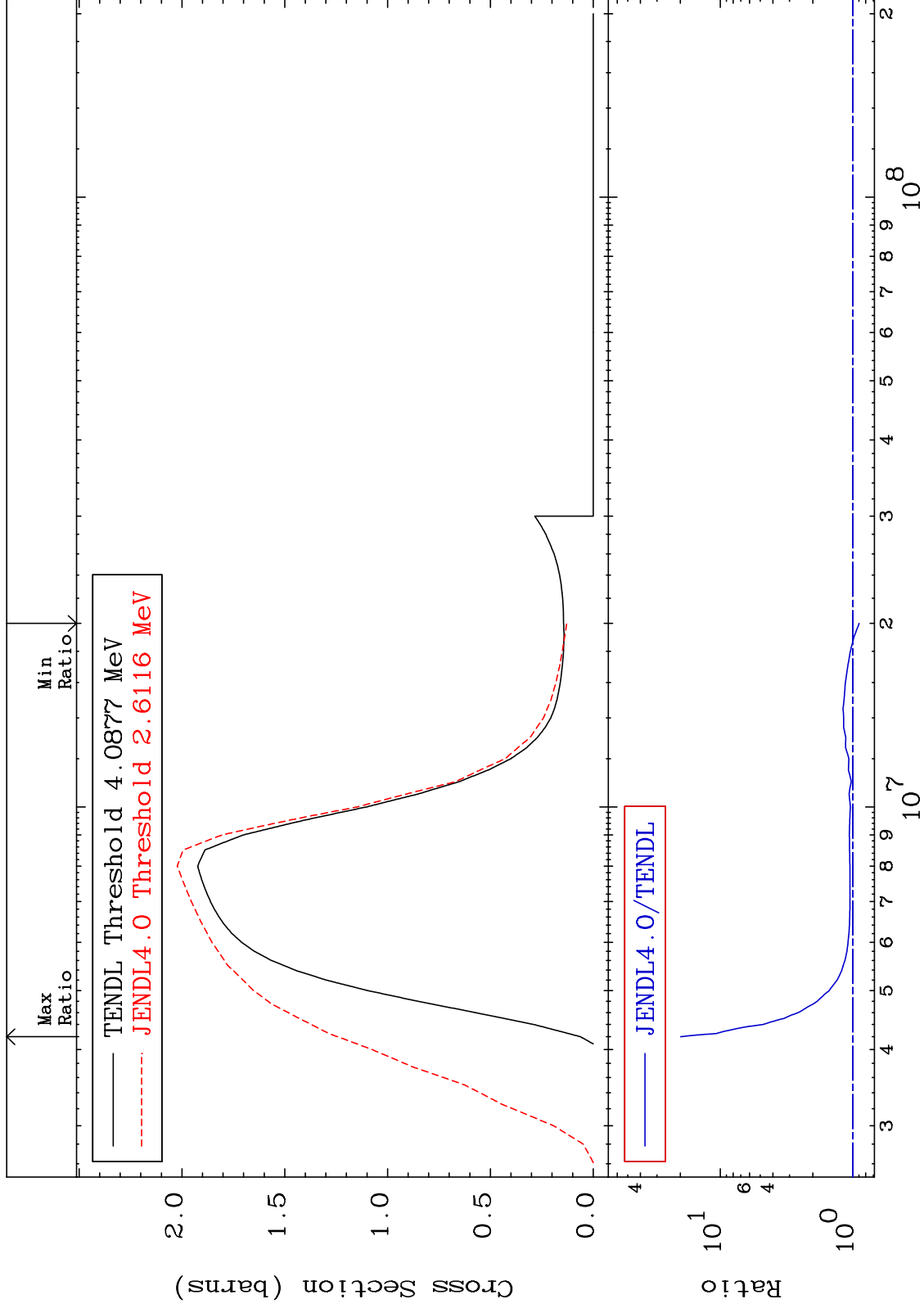
54-Xe-136
-2.977 To 9999. %



MAT 5461

(n, n') Continuum
Cross Section

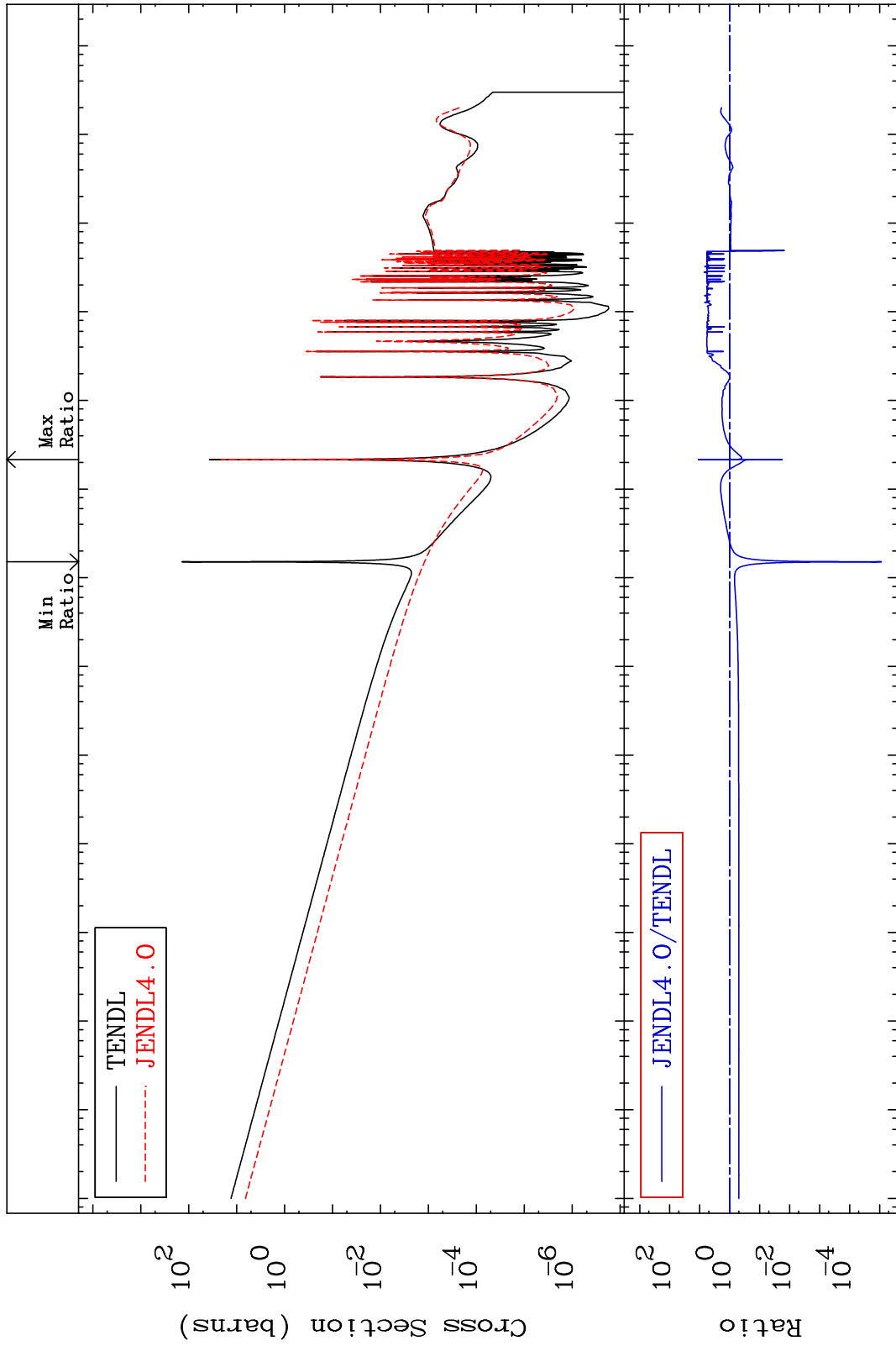
54-Xe-136
-10.57 To 1891. %



MAT 5461

(n, γ)
Cross Section

54-Xe-136
-100.0 To 1010. %



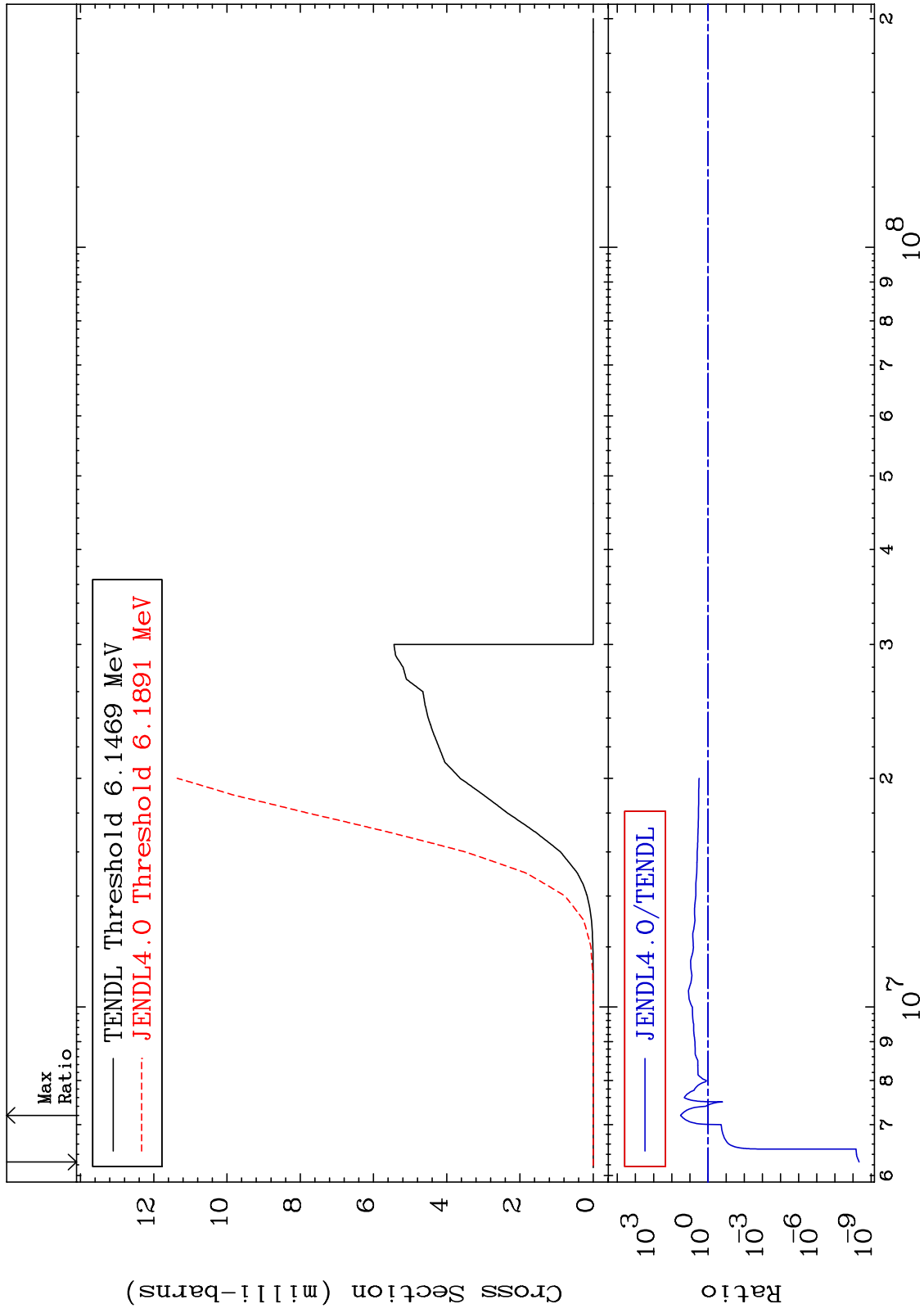
MAT 5461

(n,p)

54-Xe-136

Cross Section

-100.0 To 3130. %



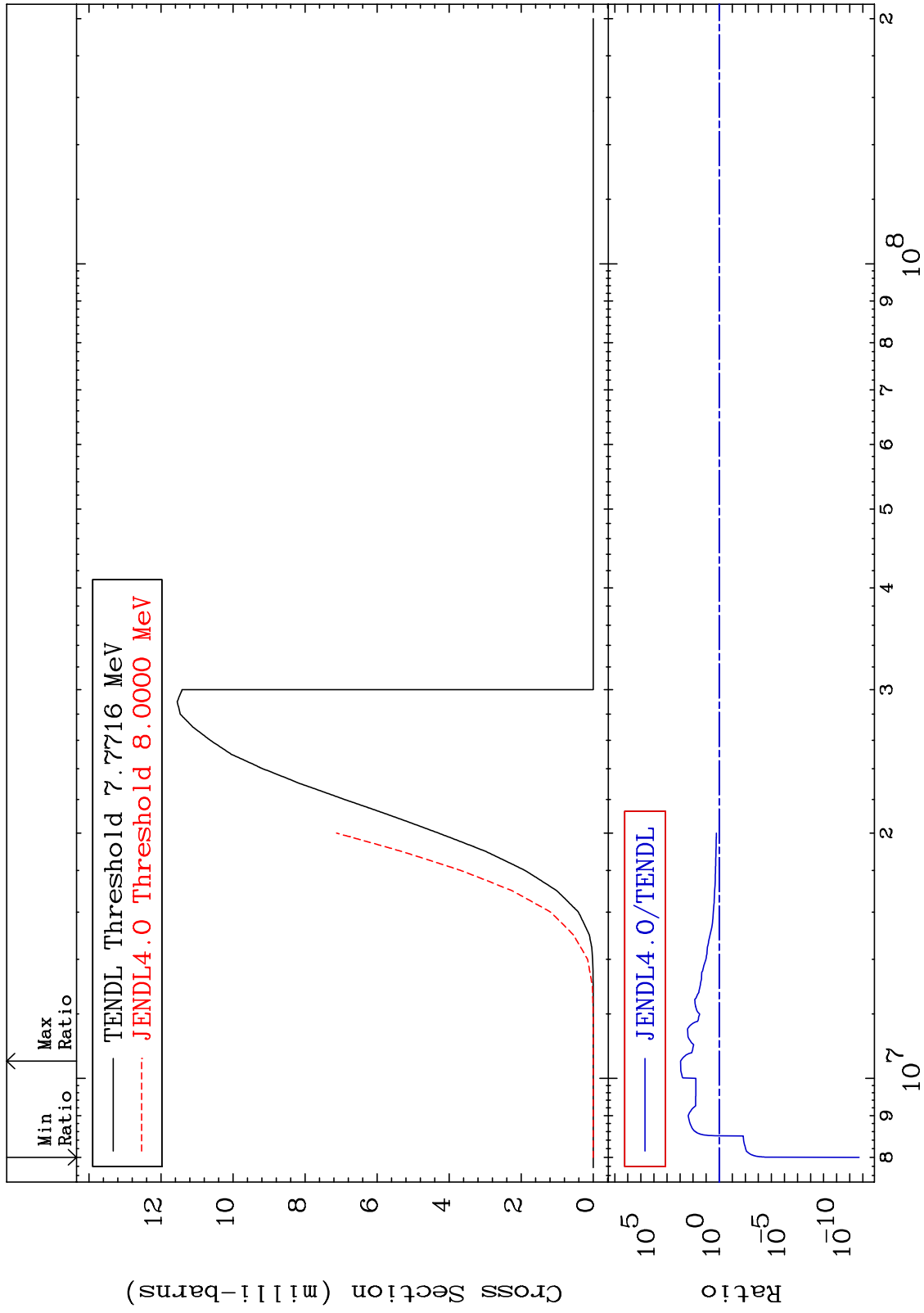
MAT 5461

(n, d)

54-Xe-136

Cross Section

-100.0 To 9999. %



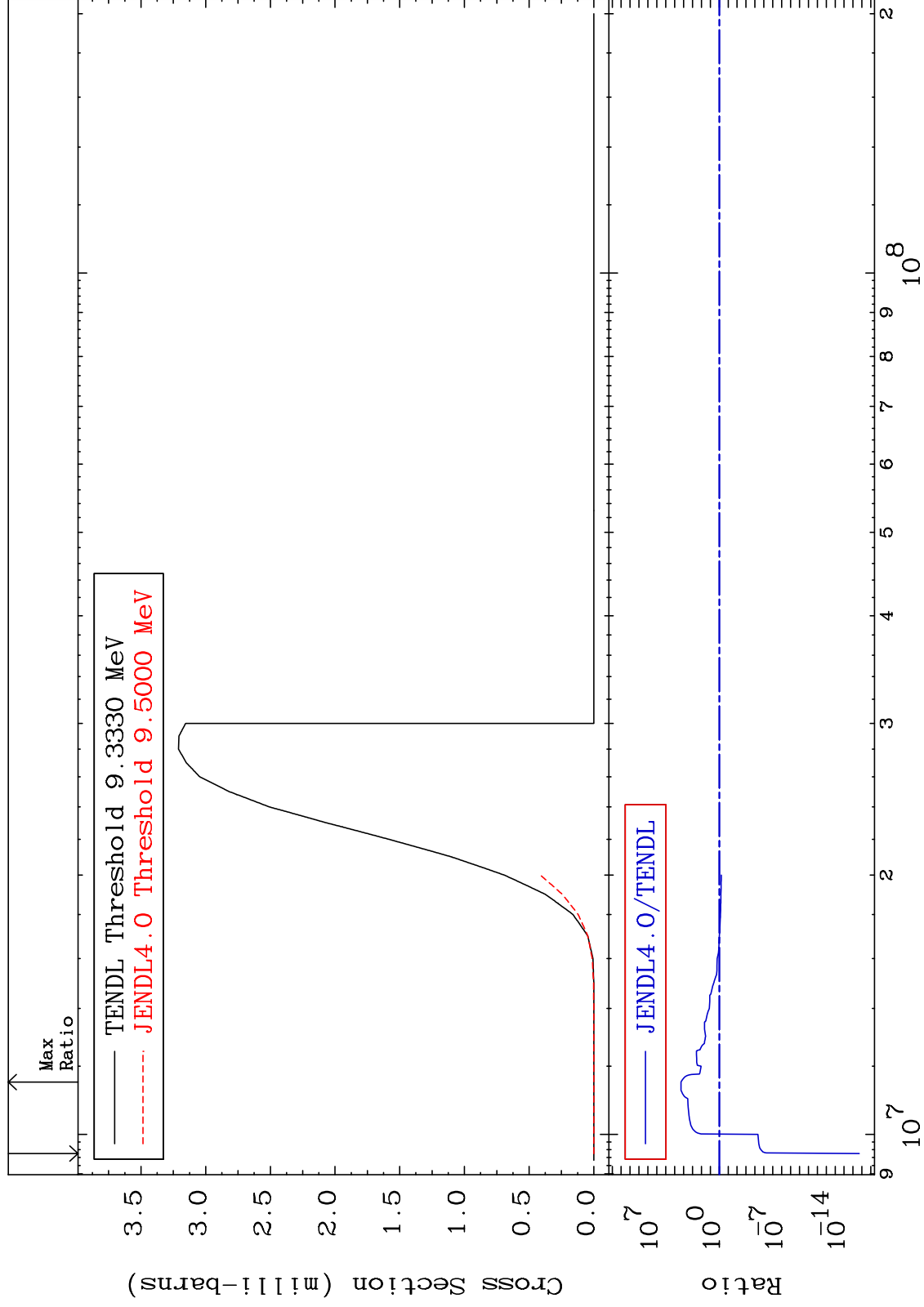
MAT 5461

(n, t)

54-Xe-136

Cross Section

-100.0 To 9999. %



54-Xe-136

Incident Energy (eV)

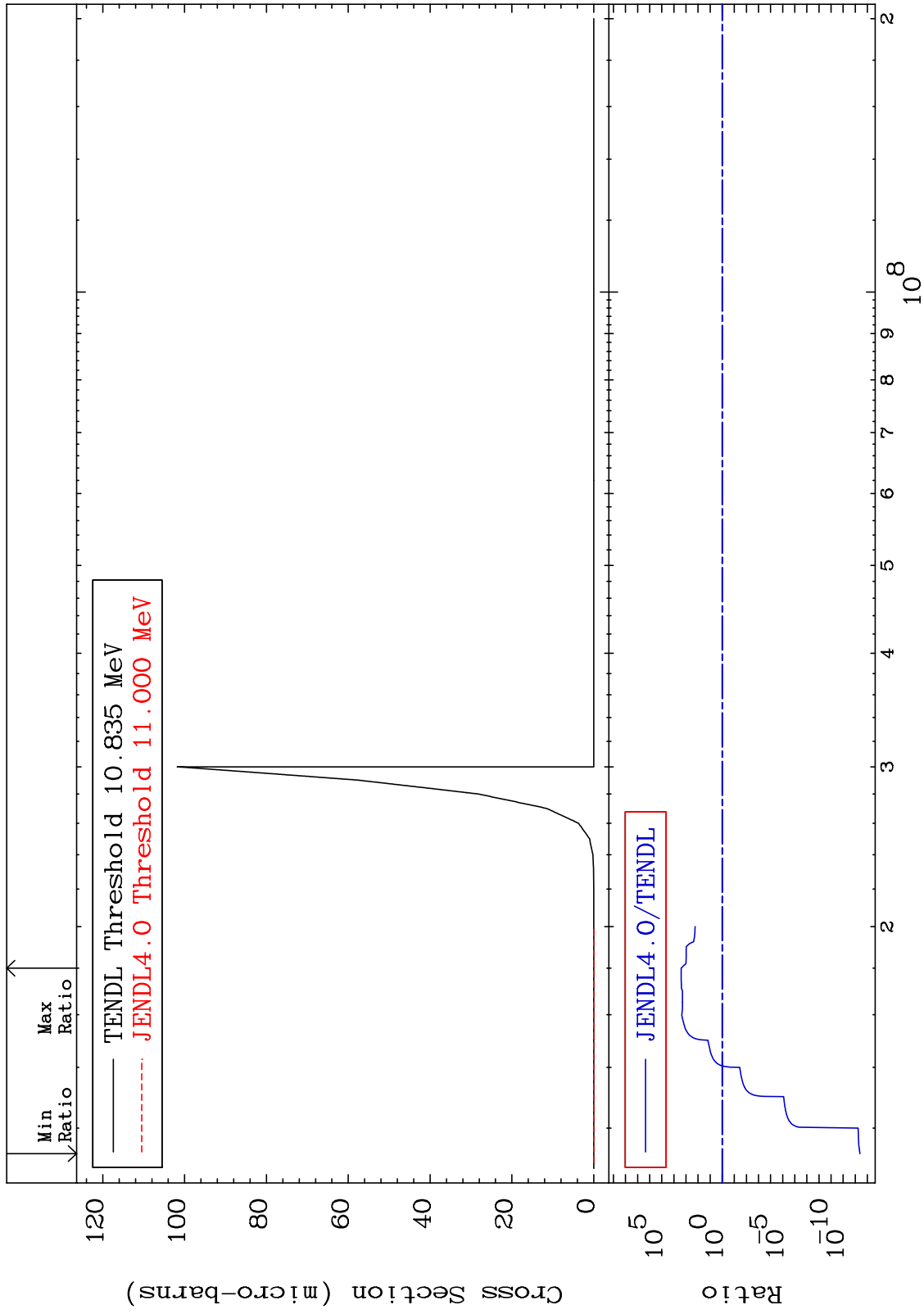
MAT 5461

(n, He-3)

54-Xe-136

Cross Section

-100.0 To 9999. %



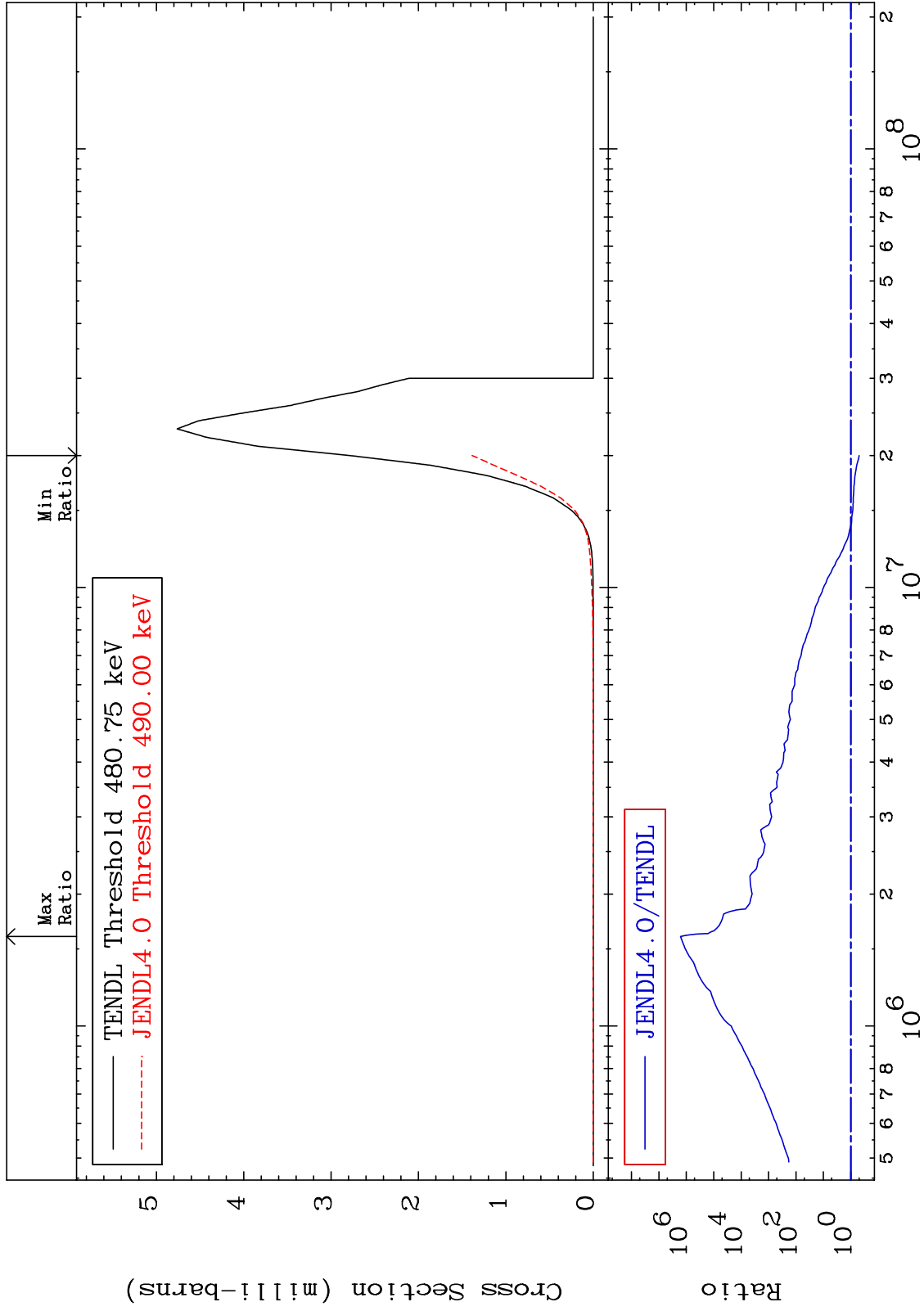
MAT 5461

(n, α)

54-Xe-136

Cross Section

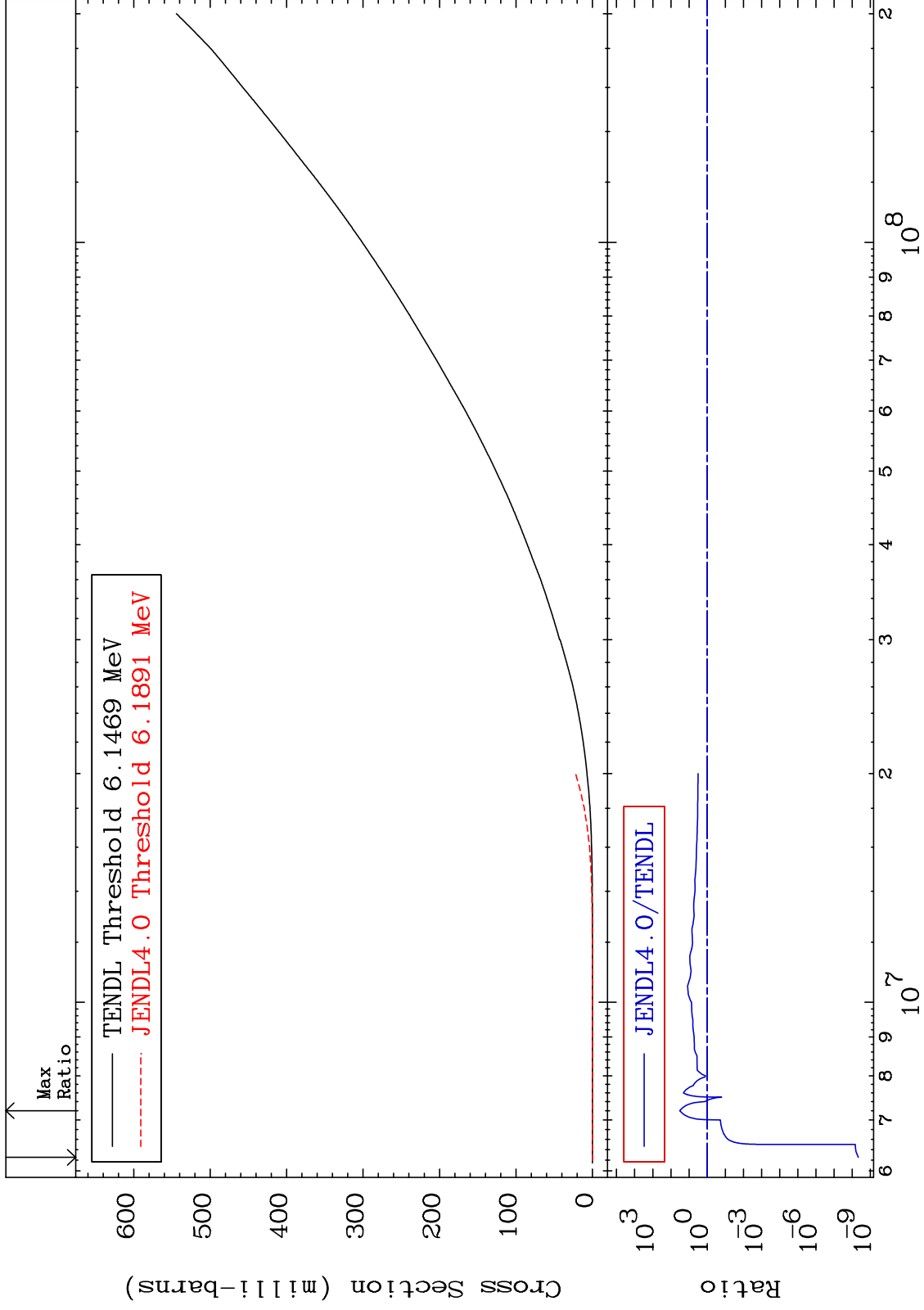
-50.37 To 9999. %



MAT 5461

Hydrogen Production
Cross Section

54-Xe-136
-100.0 To 3130. %



27

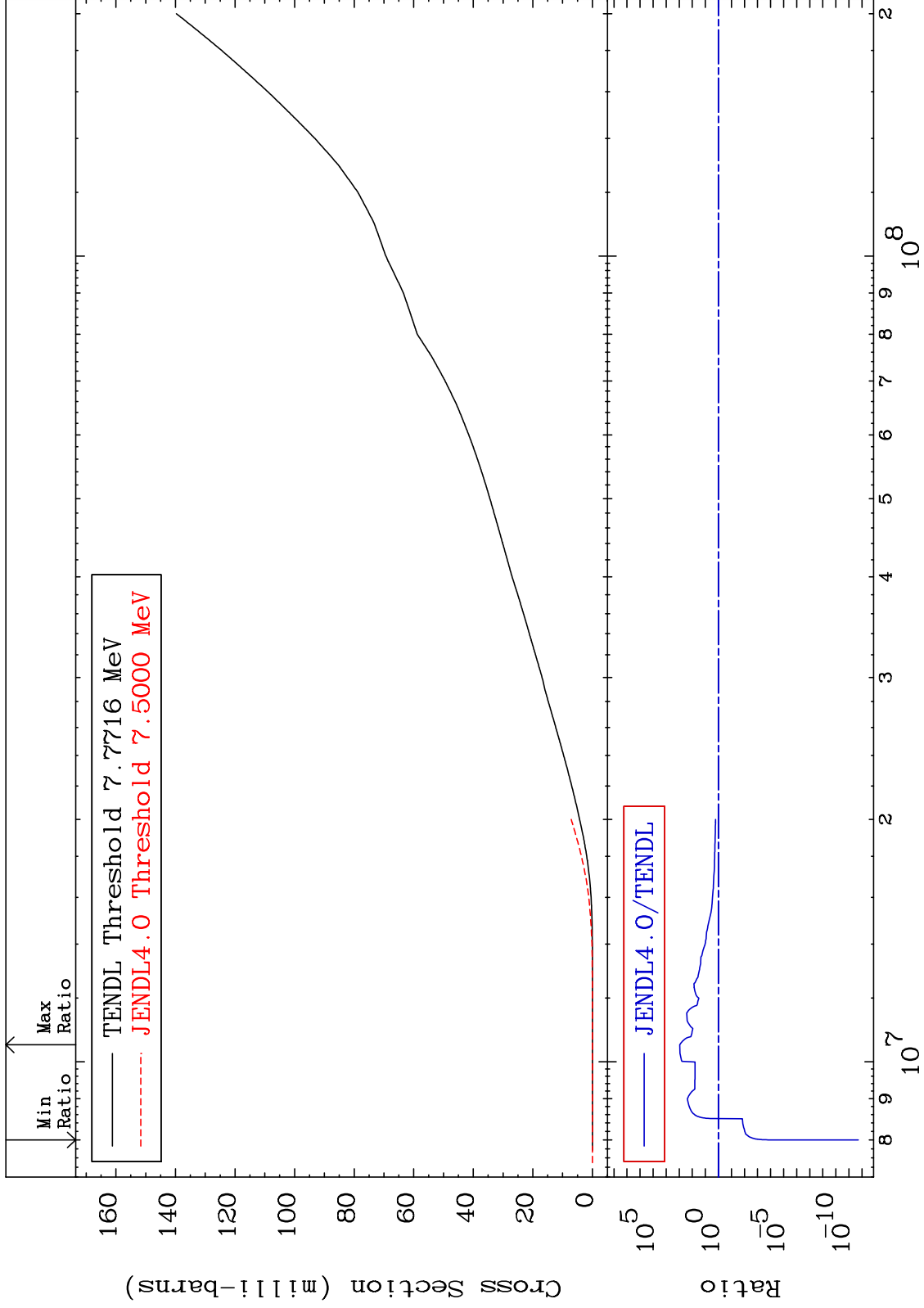
Incident Energy (eV)

54-Xe-136

MAT 5461

Deuterium Production
Cross Section

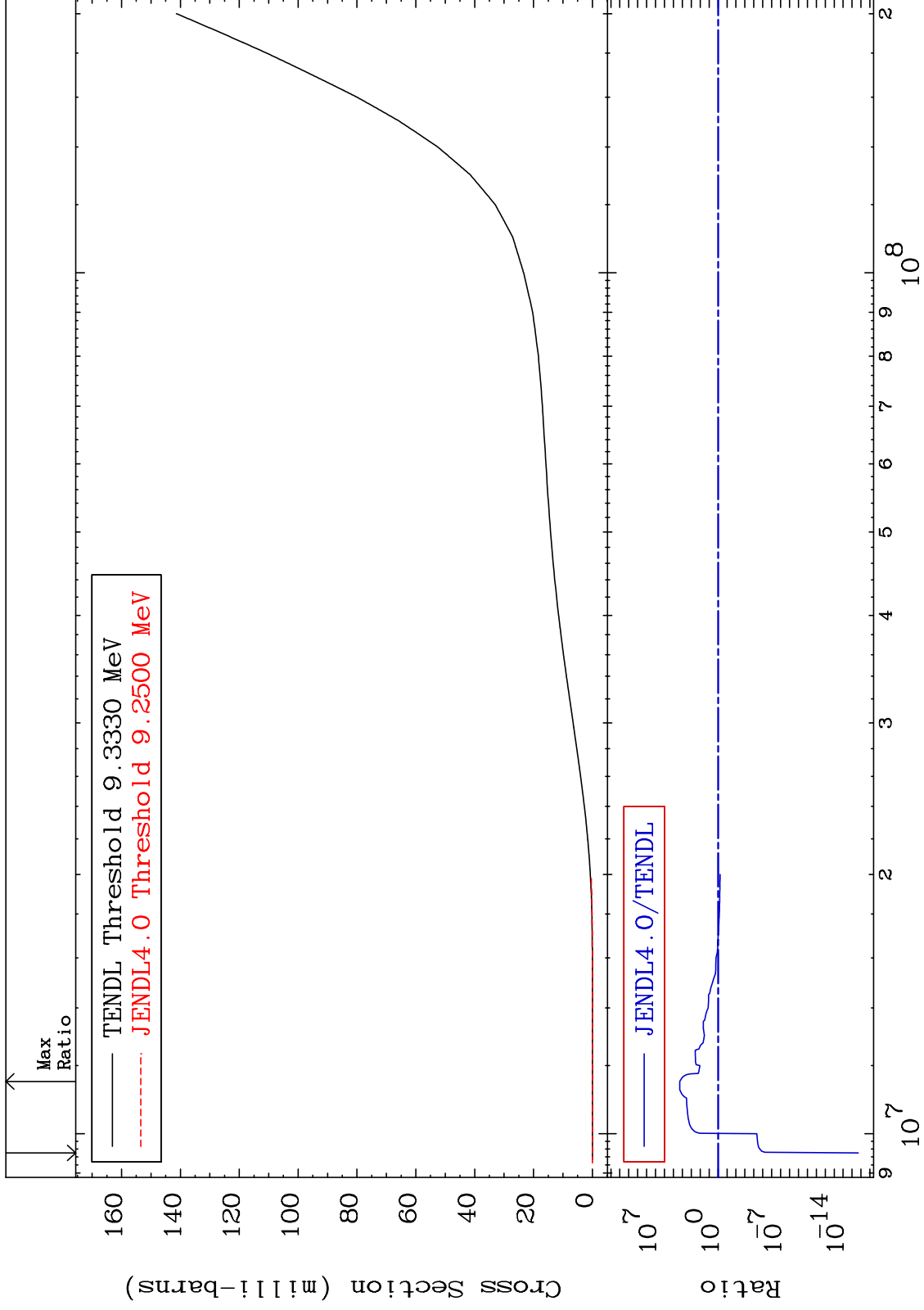
54-Xe-136
-100.0 To 9999. %



MAT 5461

Tritium Production
Cross Section

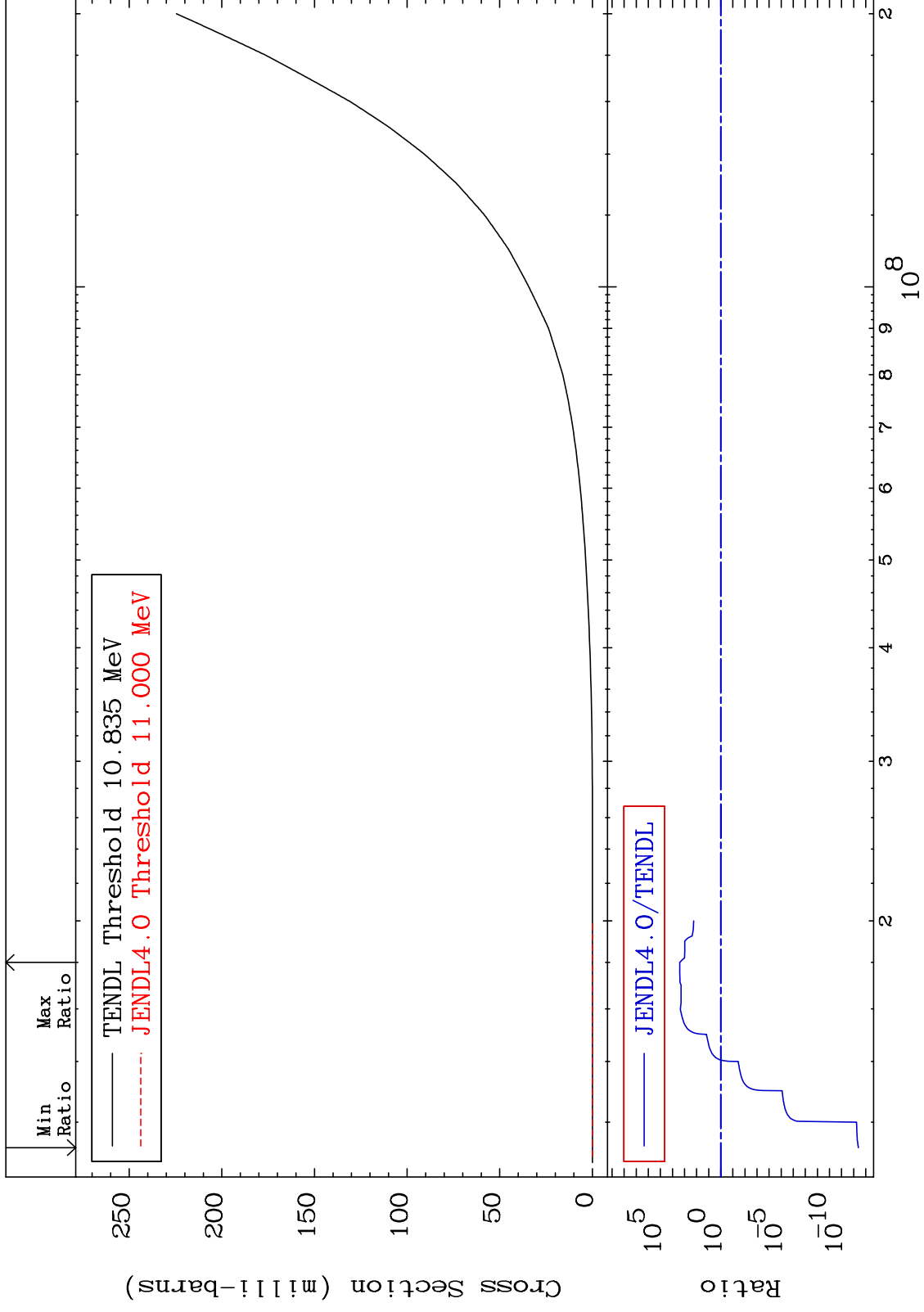
54-Xe-136
-100.0 To 9999. %



29

Incident Energy (eV)

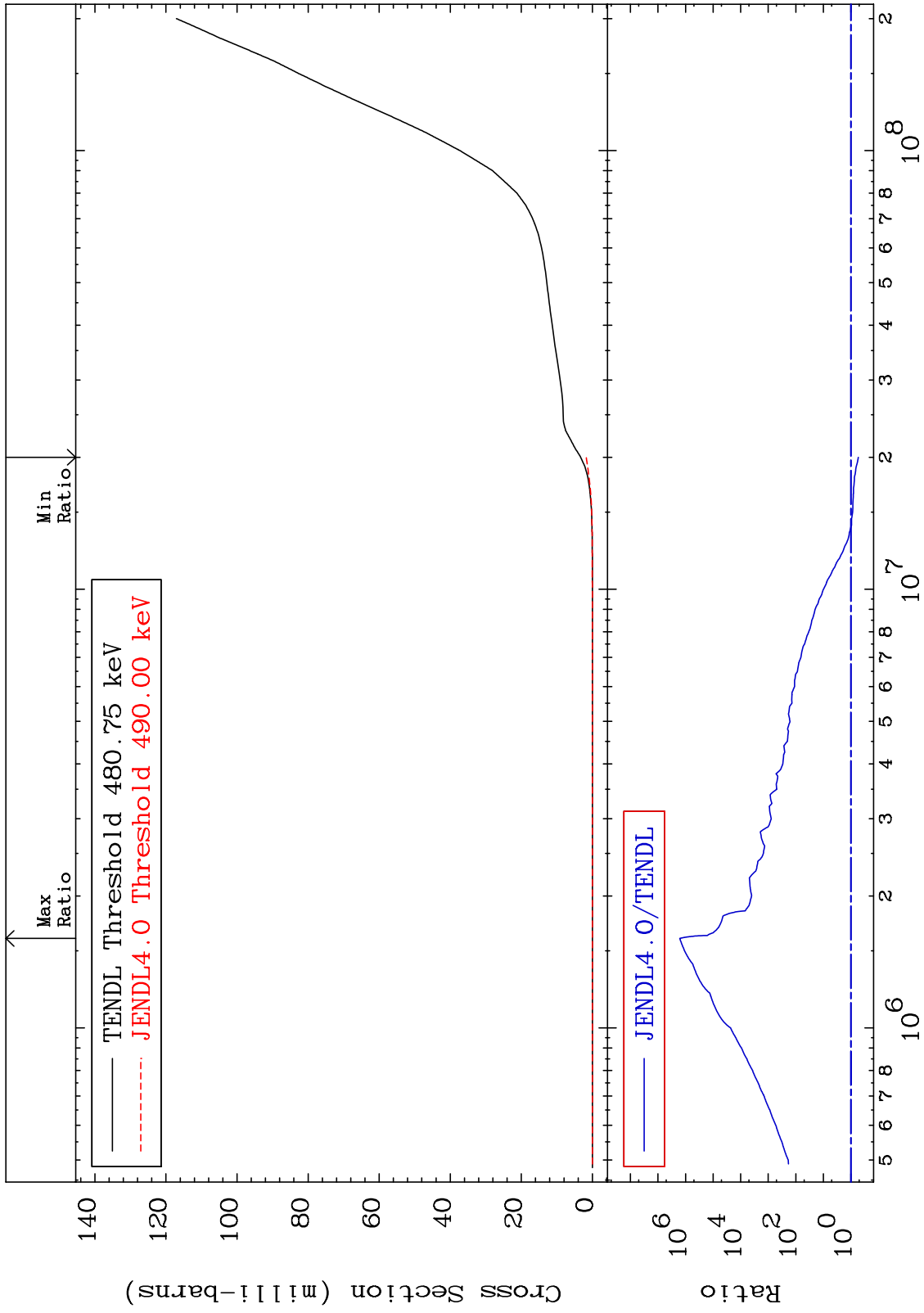
54-Xe-136



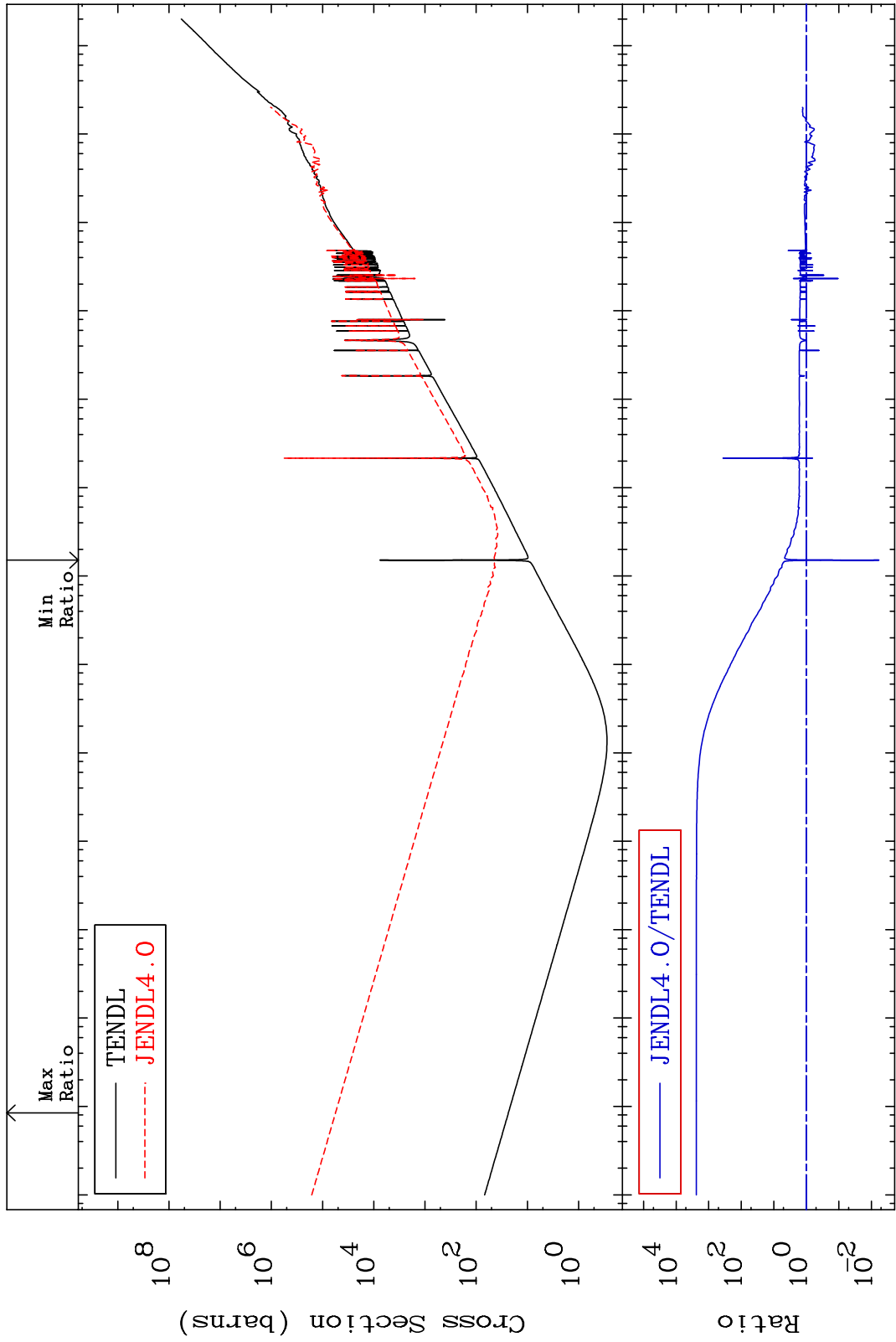
MAT 5461

He-4 Production
Cross Section

54-Xe-136
-46.33 To 9999. %



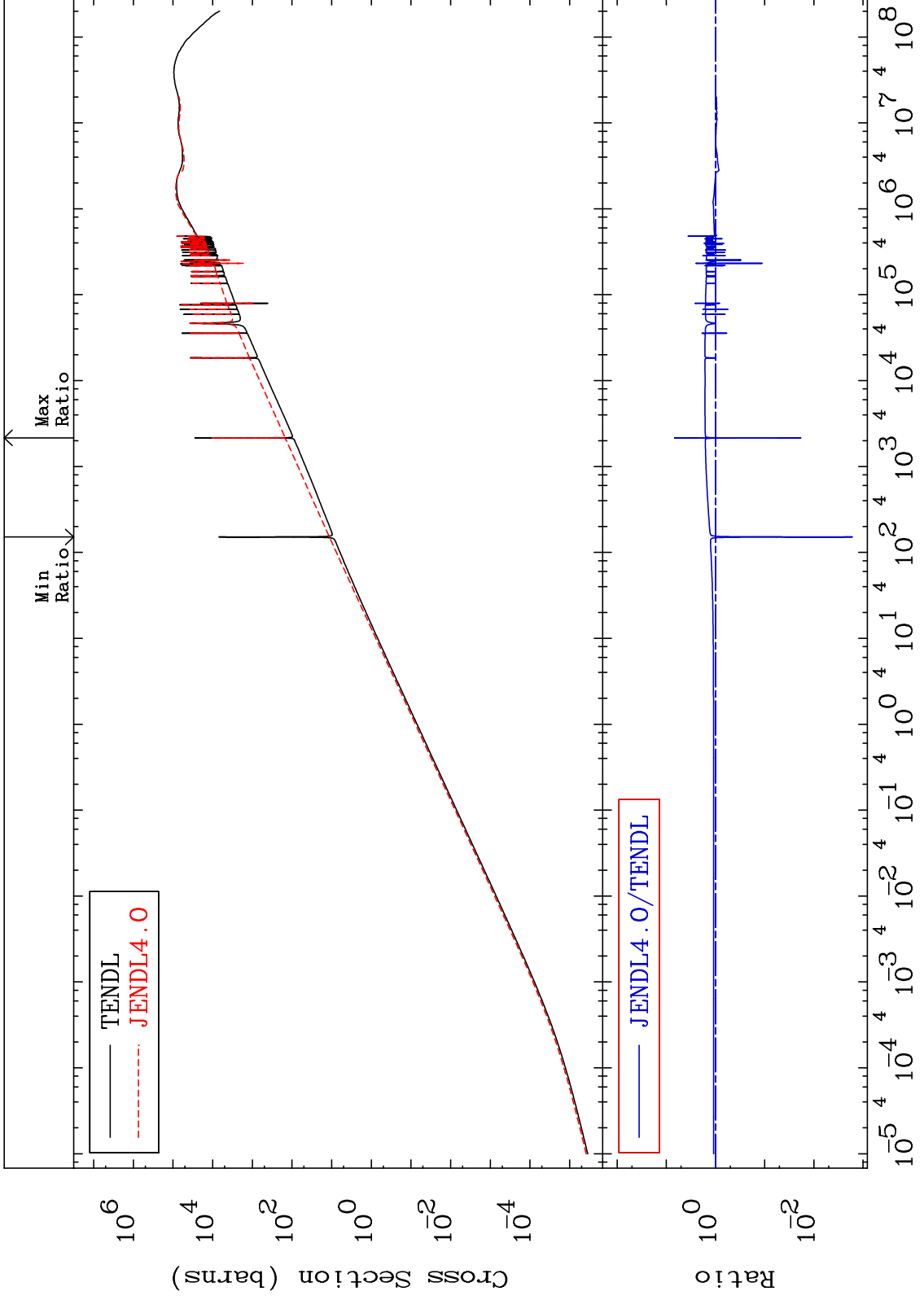
MAT 5461 Kerma total (eV-barns) 54-Xe-136
 Cross Section -99.42 To 9999. %



MAT 5461

Kerma elastic
Cross Section

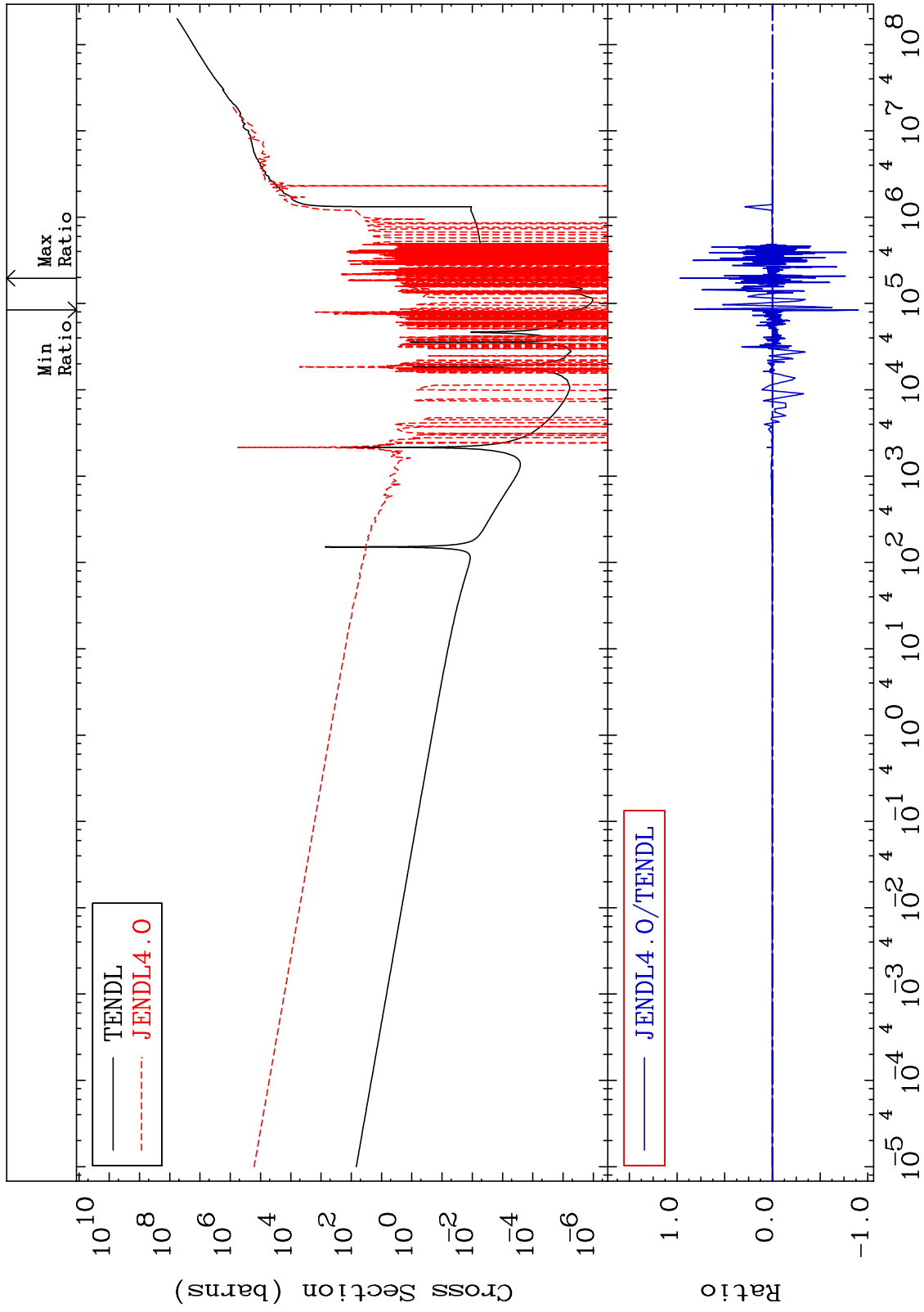
54-Xe-136
-99.83 To 577.9 %



MAT 5461

Kerma non-elastic (all but mt2)
Cross Section

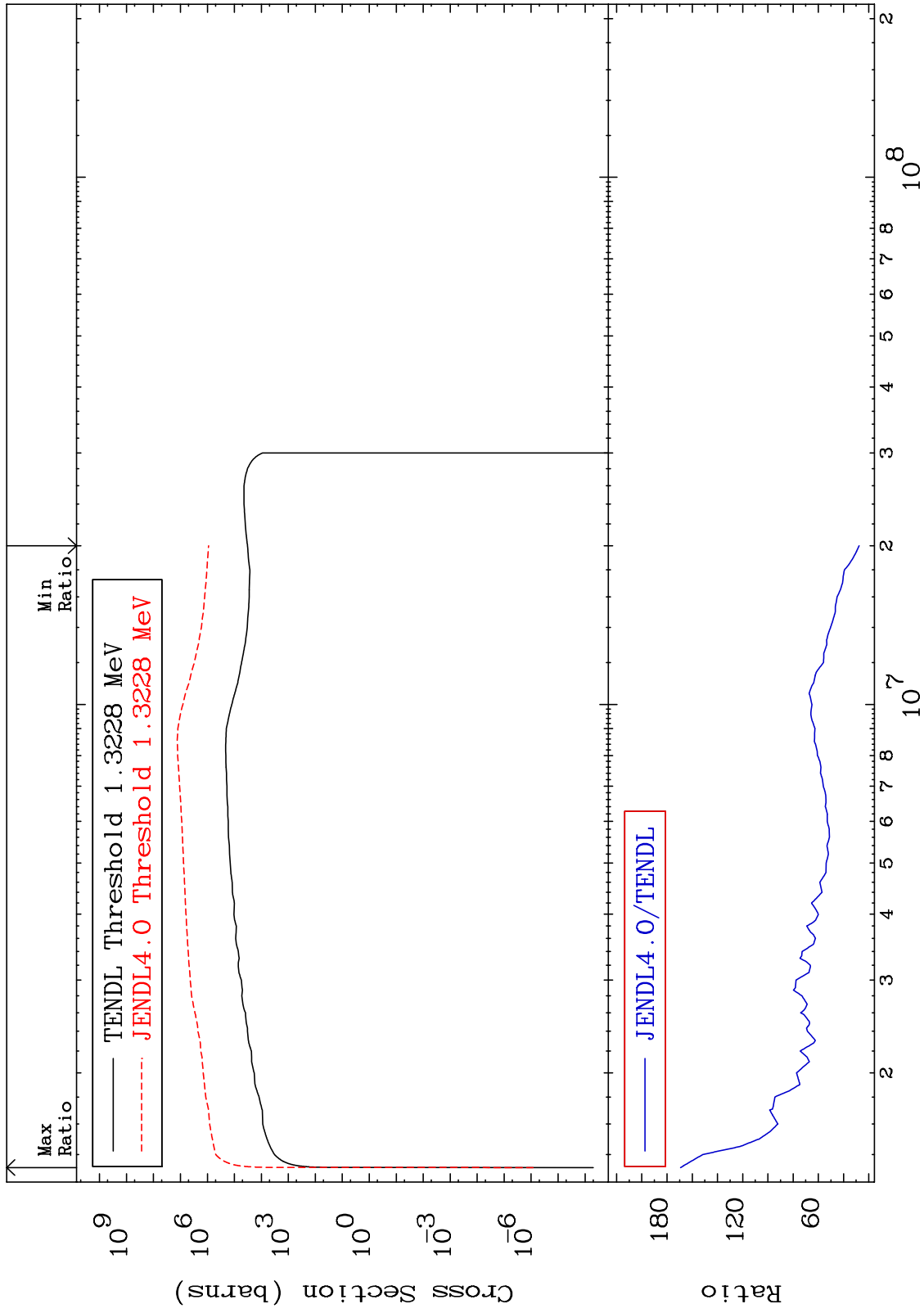
54-Xe-136
-9999. To 9999. %



MAT 5461

Kerma inelastic (mt51-91)
Cross Section

54-Xe-136
2662. To 9999. %



35

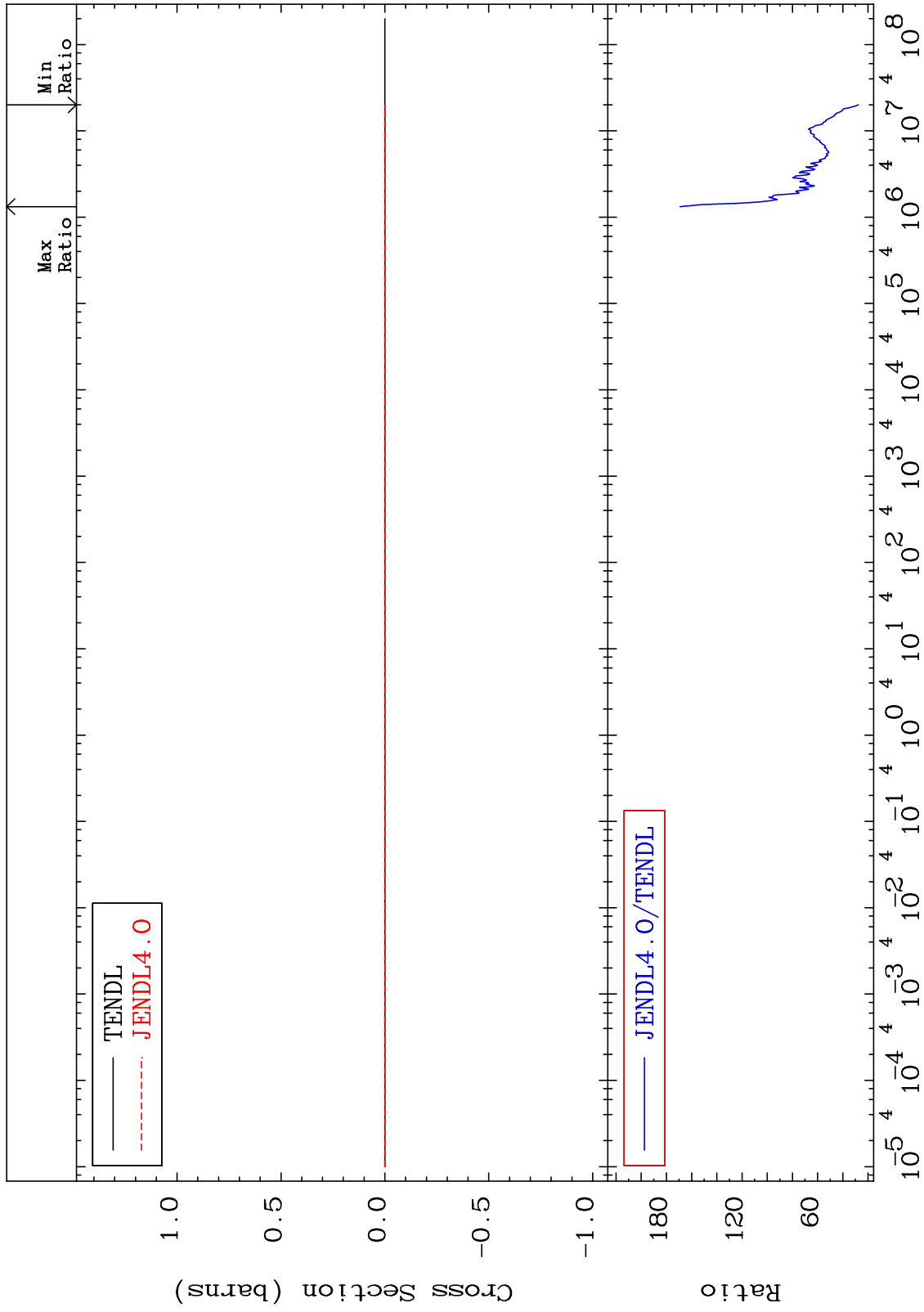
Incident Energy (eV)

54-Xe-136

MAT 5461

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

54-Xe-136
2662. To 9999. %



36

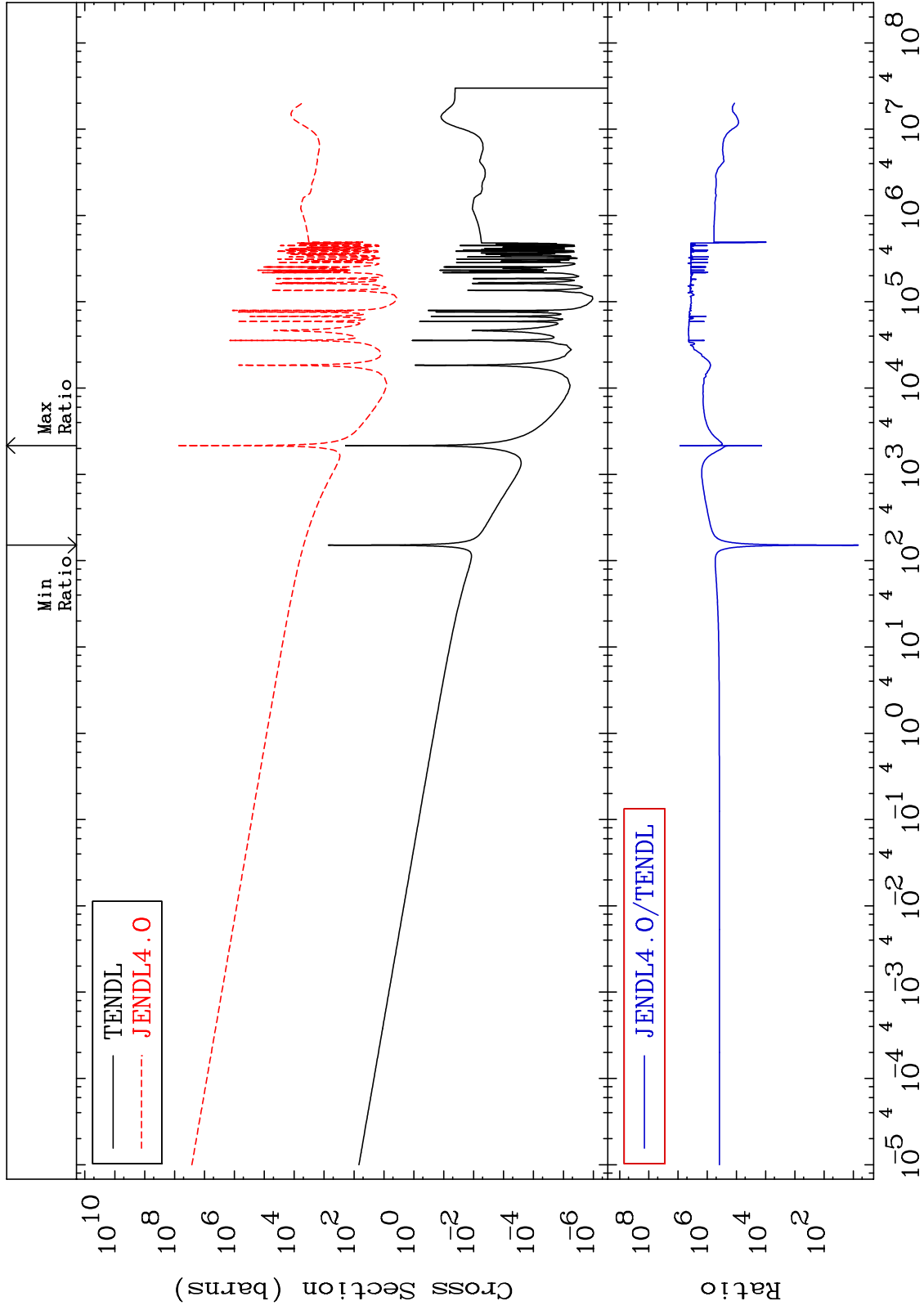
Incident Energy (eV)

54-Xe-136

MAT 5461

Kerma capture (mt102)
Cross Section

54-Xe-136
567.7 To 9999. %



37

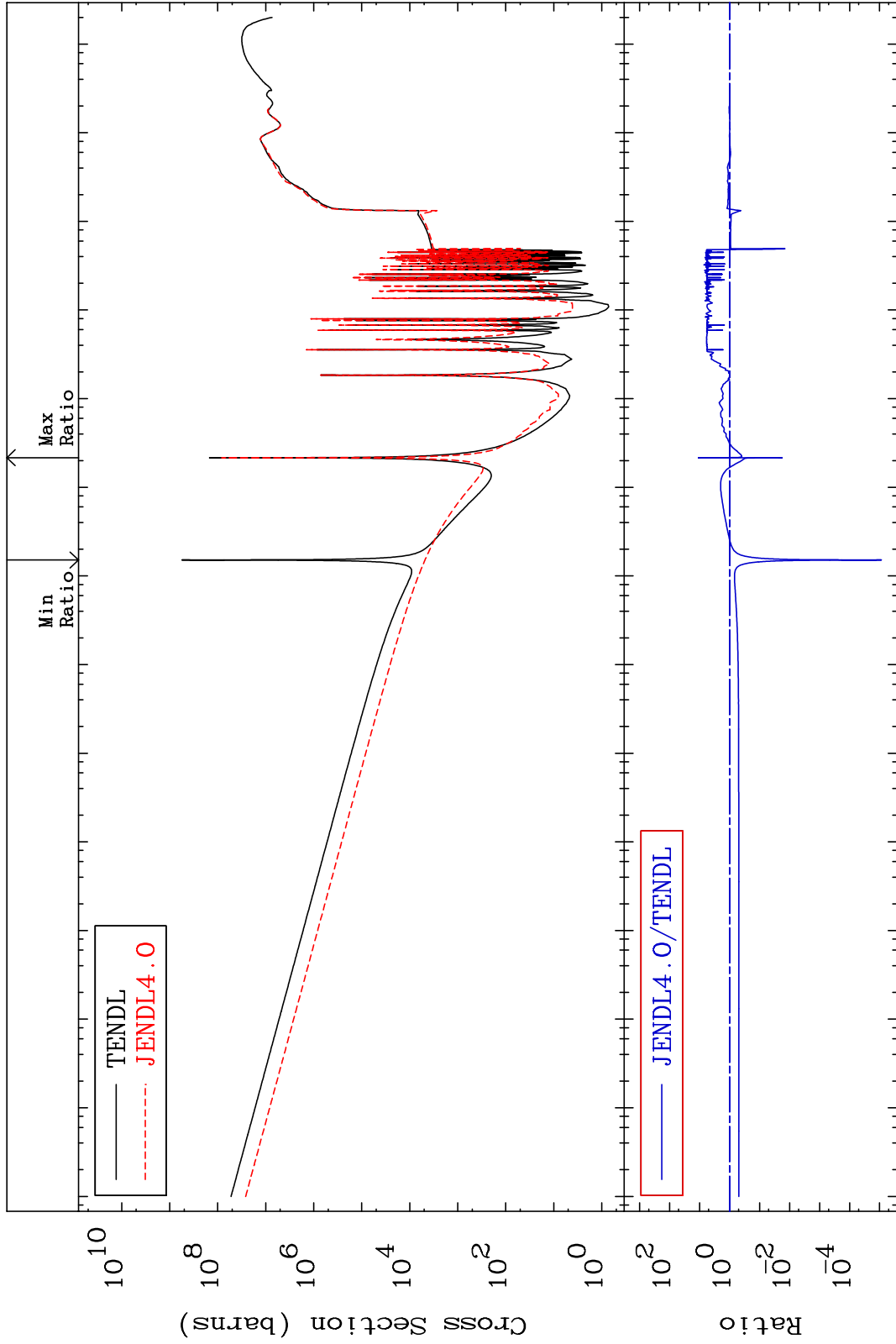
54-Xe-136

MAT 5461

Total photon (eV-barns)
Cross Section

54-Xe-136

-100.0 To 1003. %



38

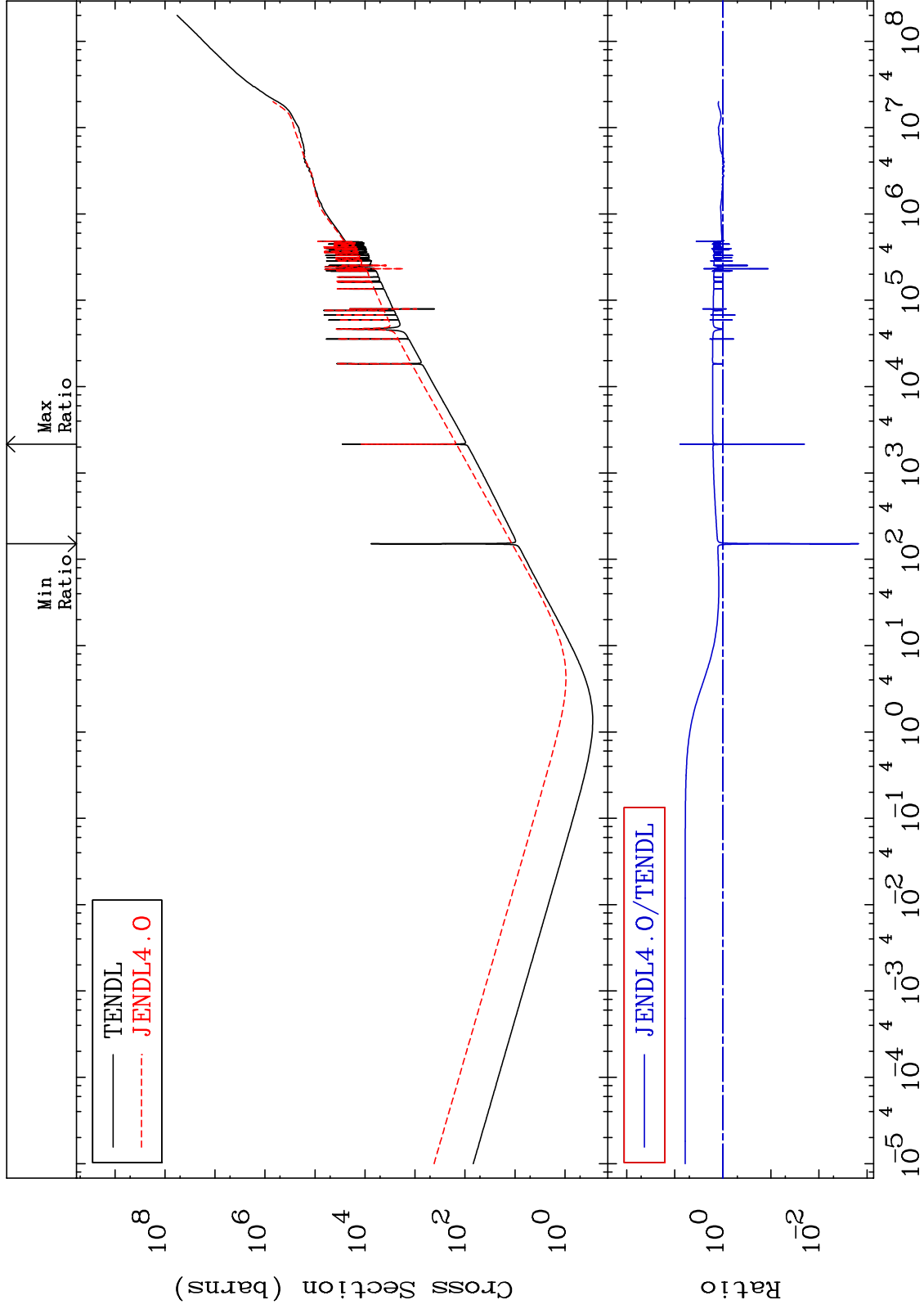
Incident Energy (eV)

54-Xe-136

MAT 5461

Total kinematic kerma (high limit)
Cross Section

54-Xe-136
-99.85 To 679.1 %



39

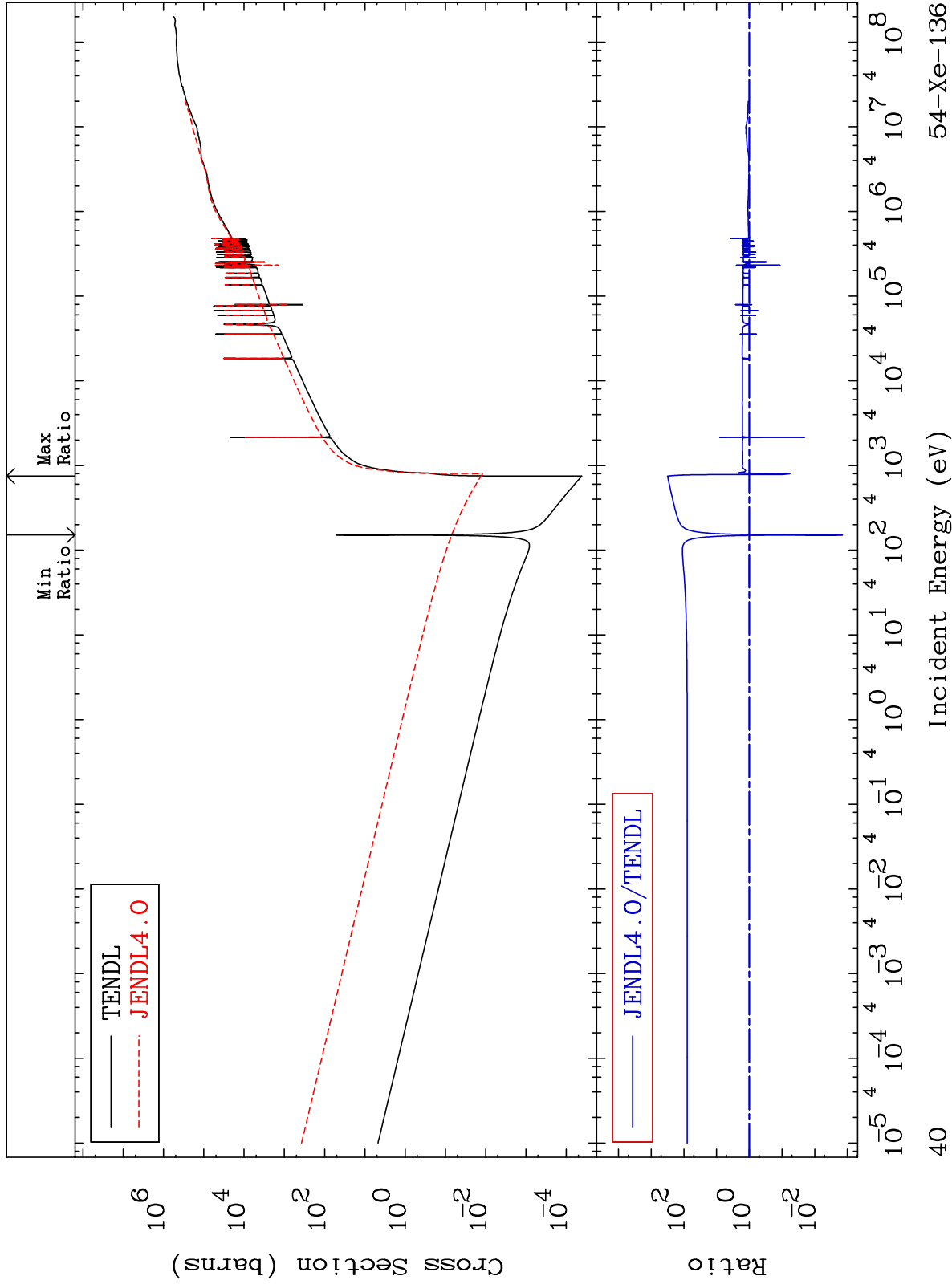
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa total (eV-barns)
Cross Section

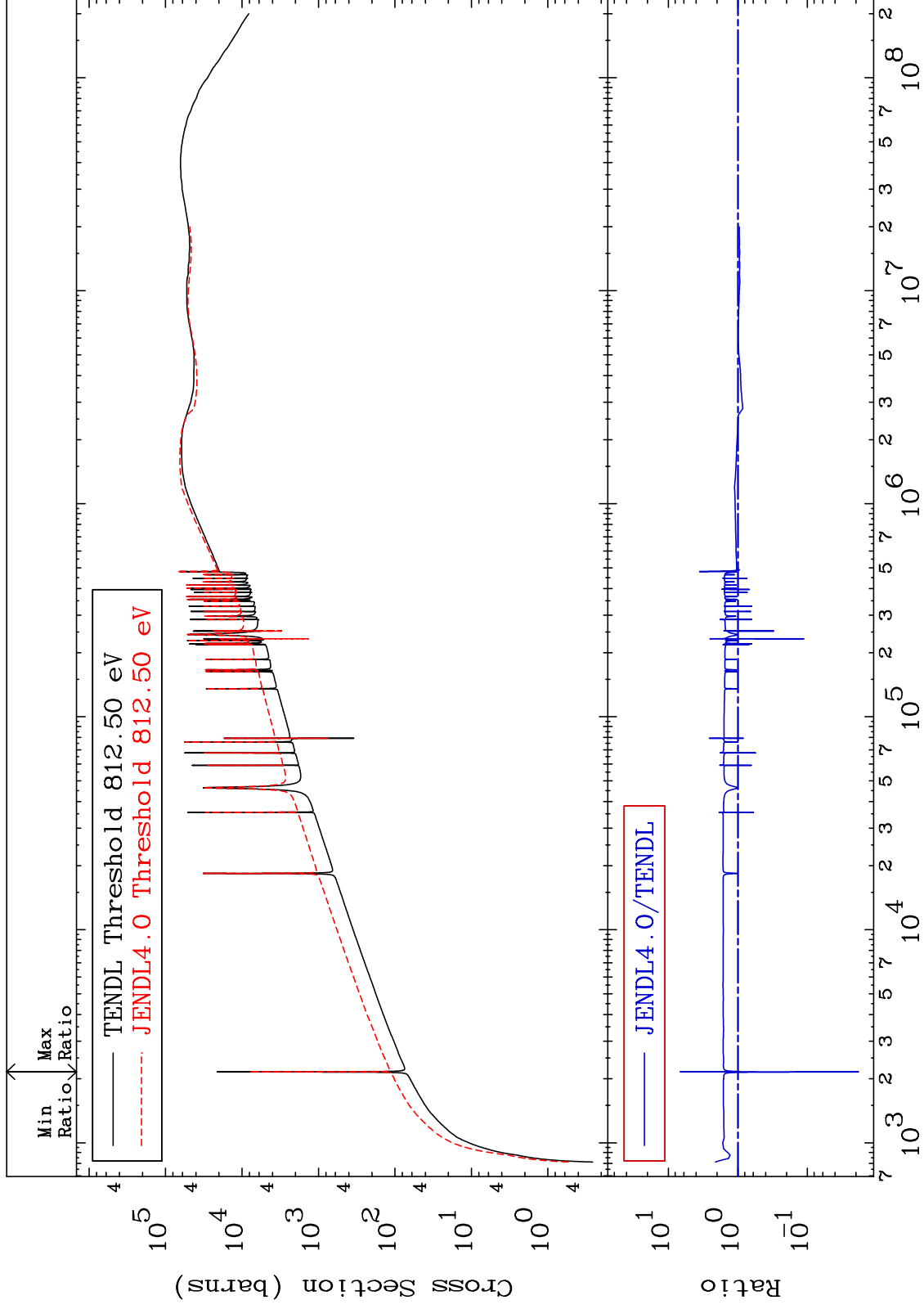
54-Xe-136
-99.86 To 9999. %



MAT 5461

Dpa elastic (mt2)
Cross Section

54-Xe-136
-98.15 To 580.9 %



41

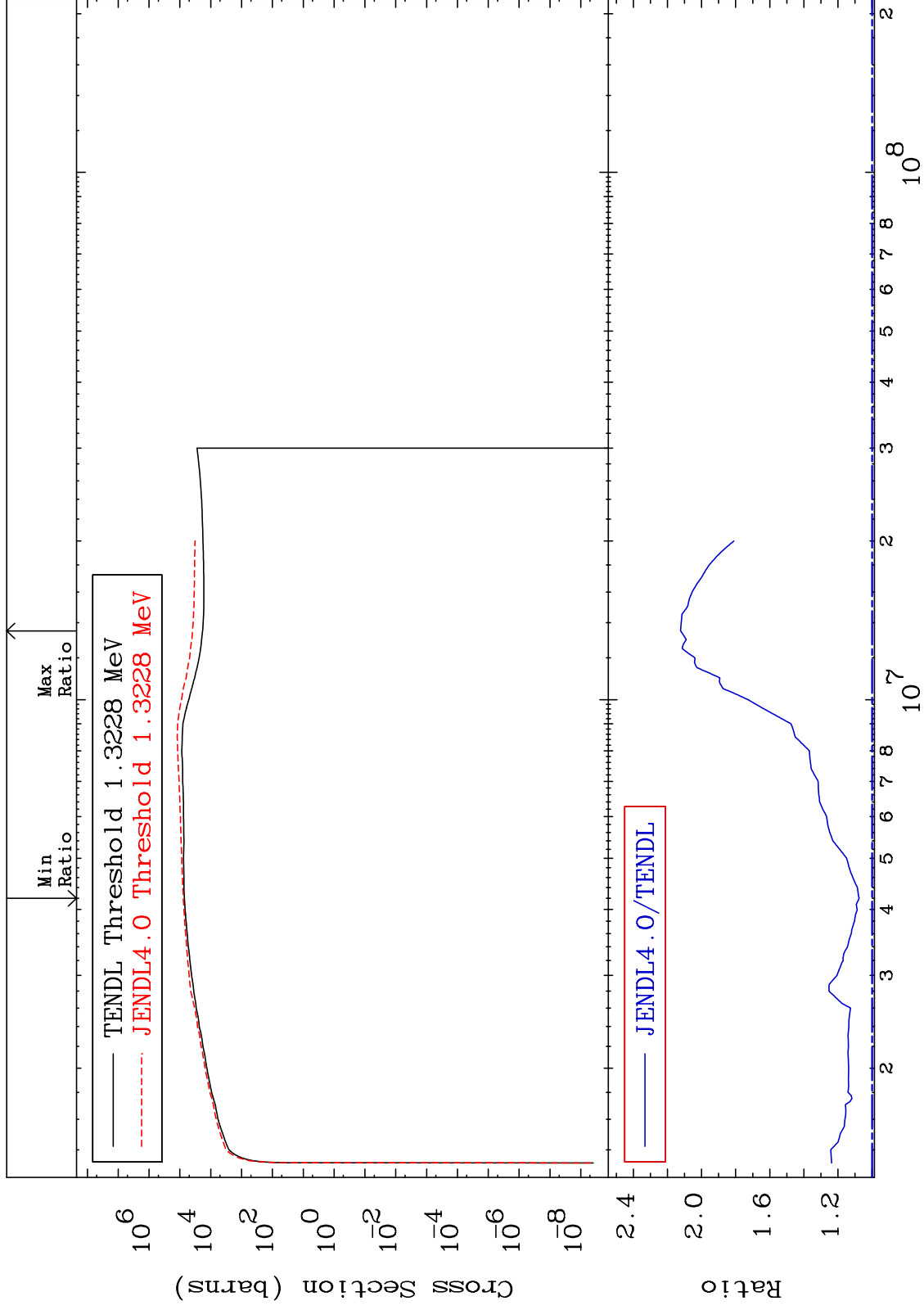
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa inelastic (mt51-91)
Cross Section

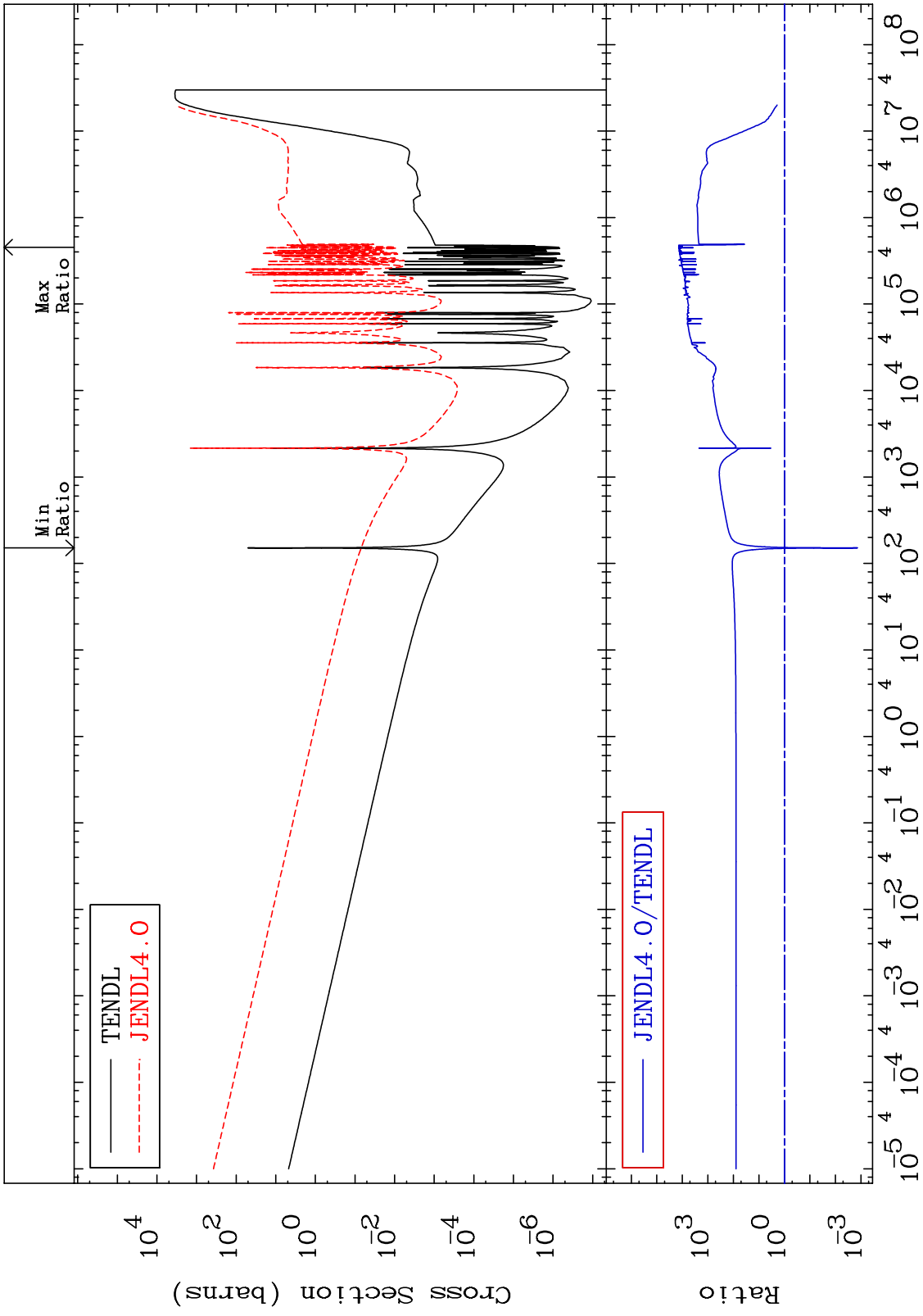
54-Xe-136
7.582 To 112.3 %



MAT 5461

Dpa disappearance (mt102 -120)
Cross Section

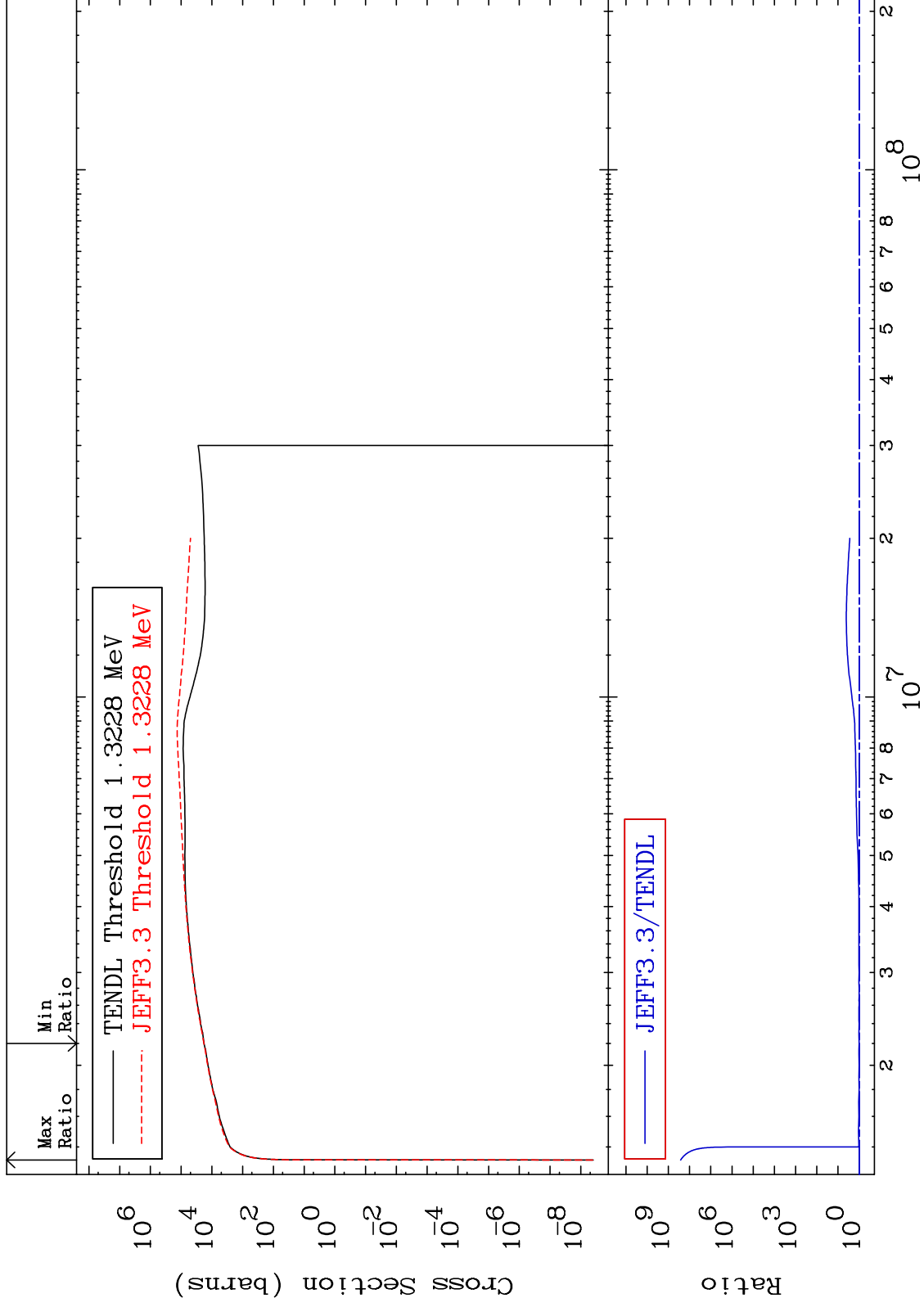
54-Xe-136
-99.86 To 9999. %



MAT 5461

Dpa inelastic (mt51-91)
Cross Section

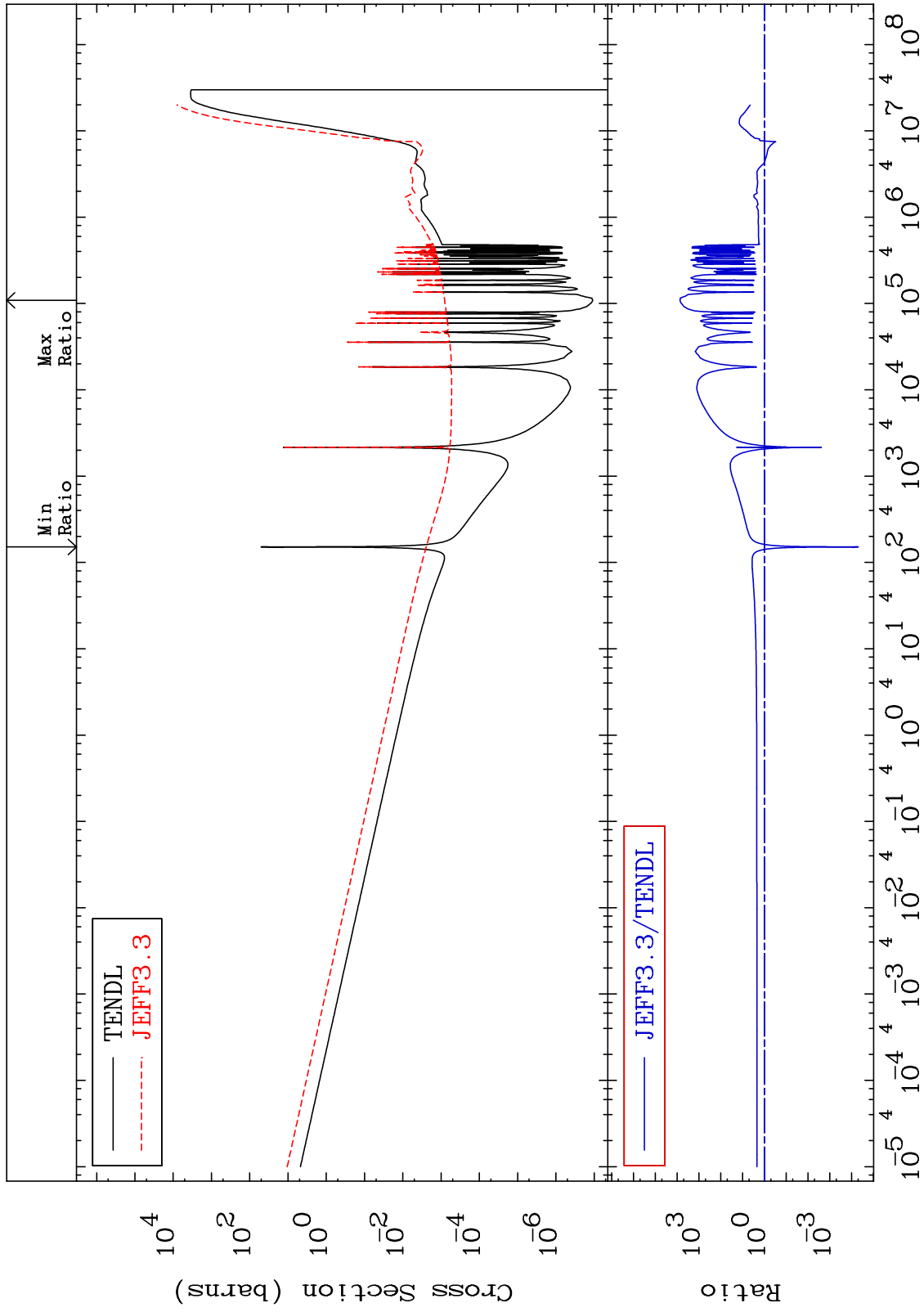
54-Xe-136
0.853 To 9999. %



MAT 5461

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-136
-100.0 To 9999. %



45

Incident Energy (eV)

54-Xe-136