

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

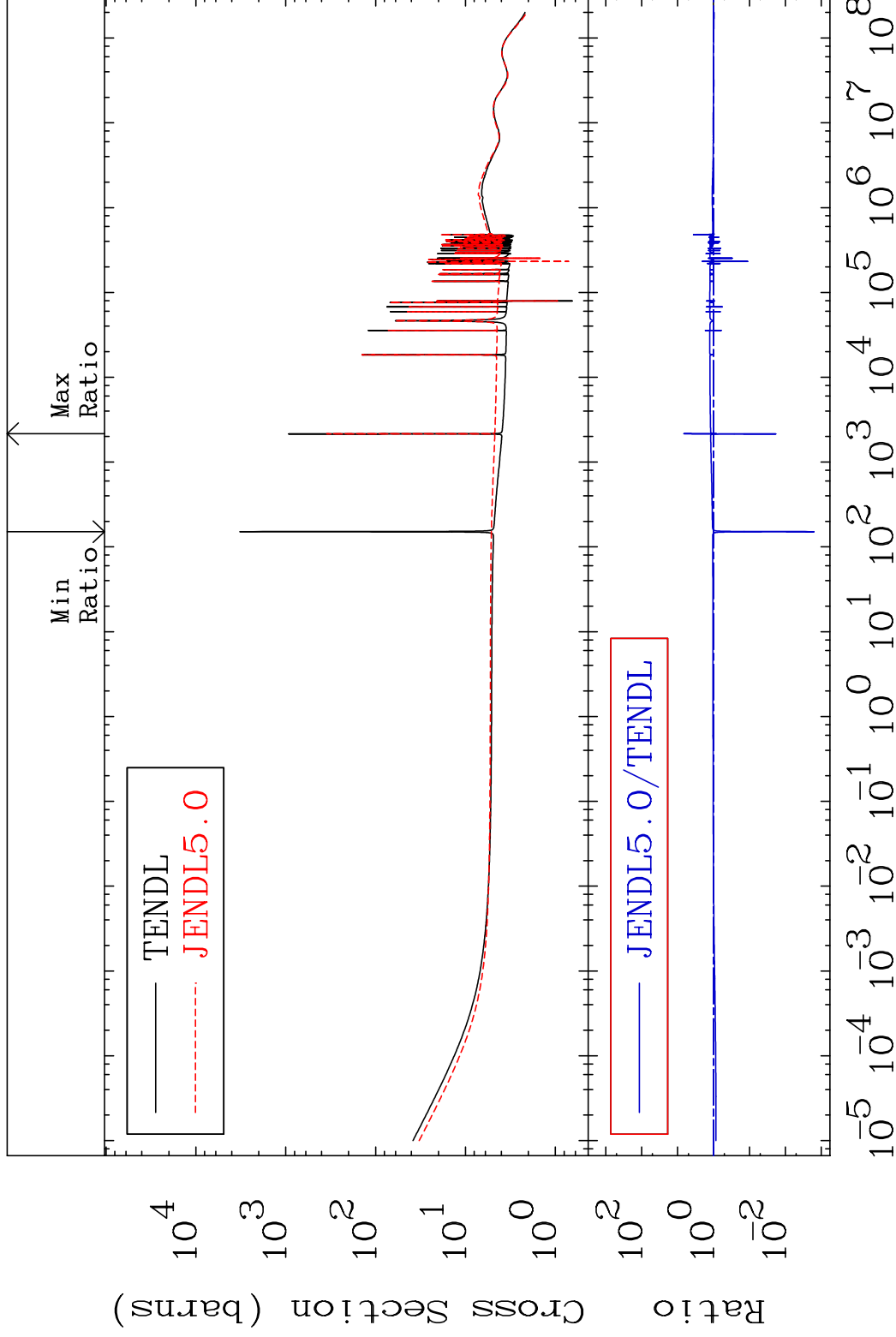
MAT 5461

Total

54-Xe-136

Cross Section

-99.84 To 576.7 %



1

Incident Energy (eV)

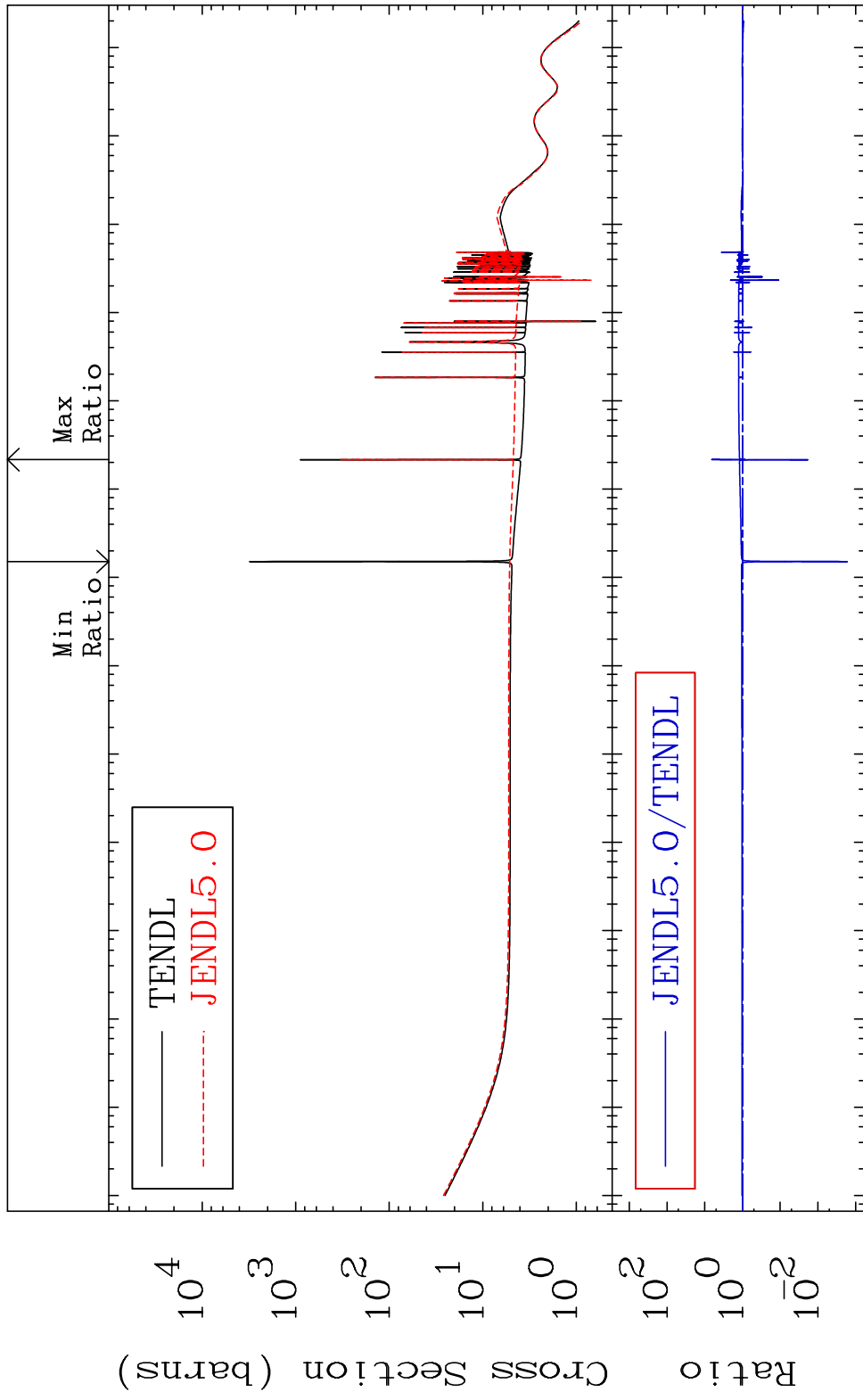
54-Xe-136

MAT 5461

Elastic

54-Xe-136

Cross Section -99.83 To 560.8 %



2

Incident Energy (eV)

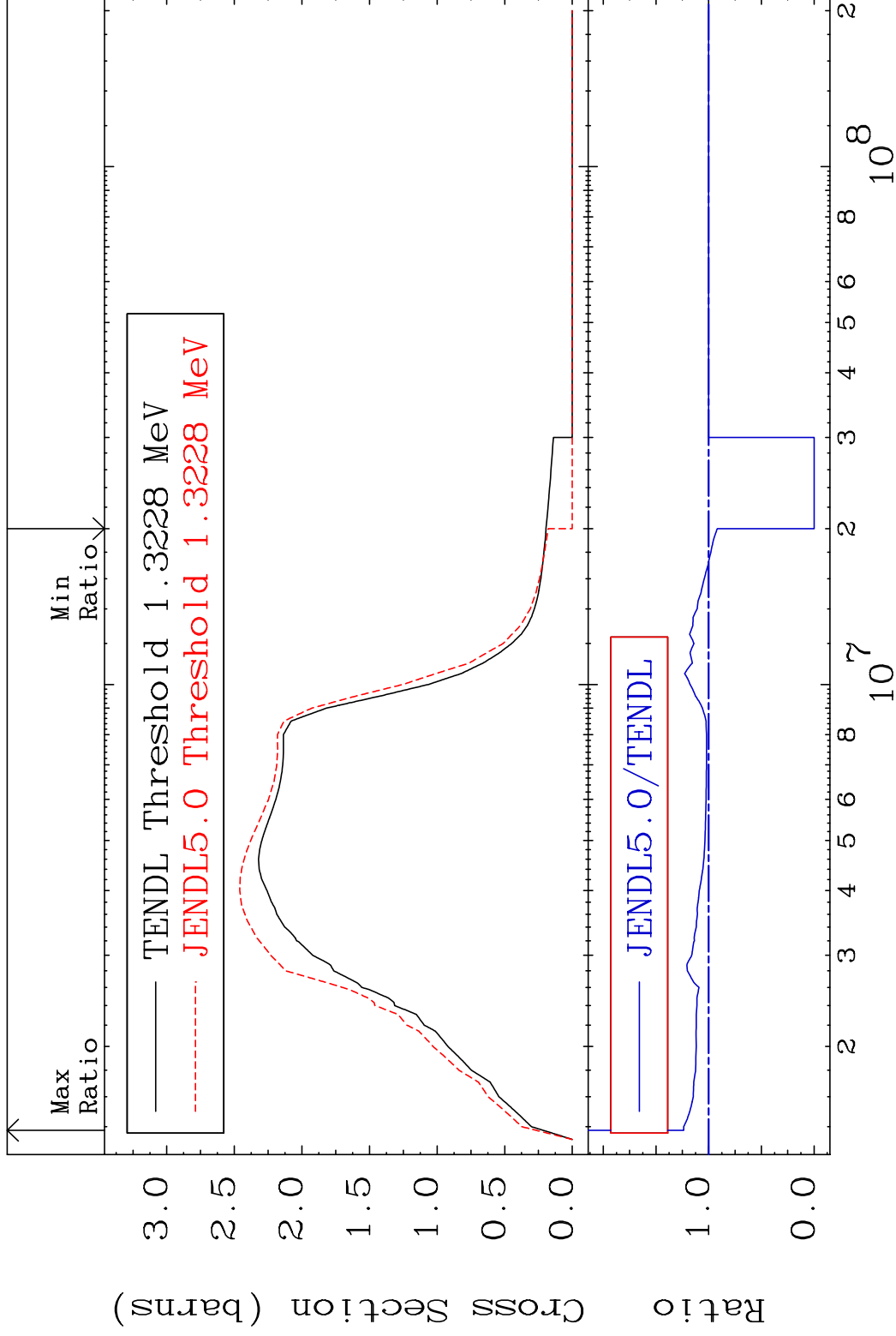
54-Xe-136

MAT 5461

Inelastic

54-Xe-136

Cross Section -100.0 To 23.76 %



3

Incident Energy (eV)

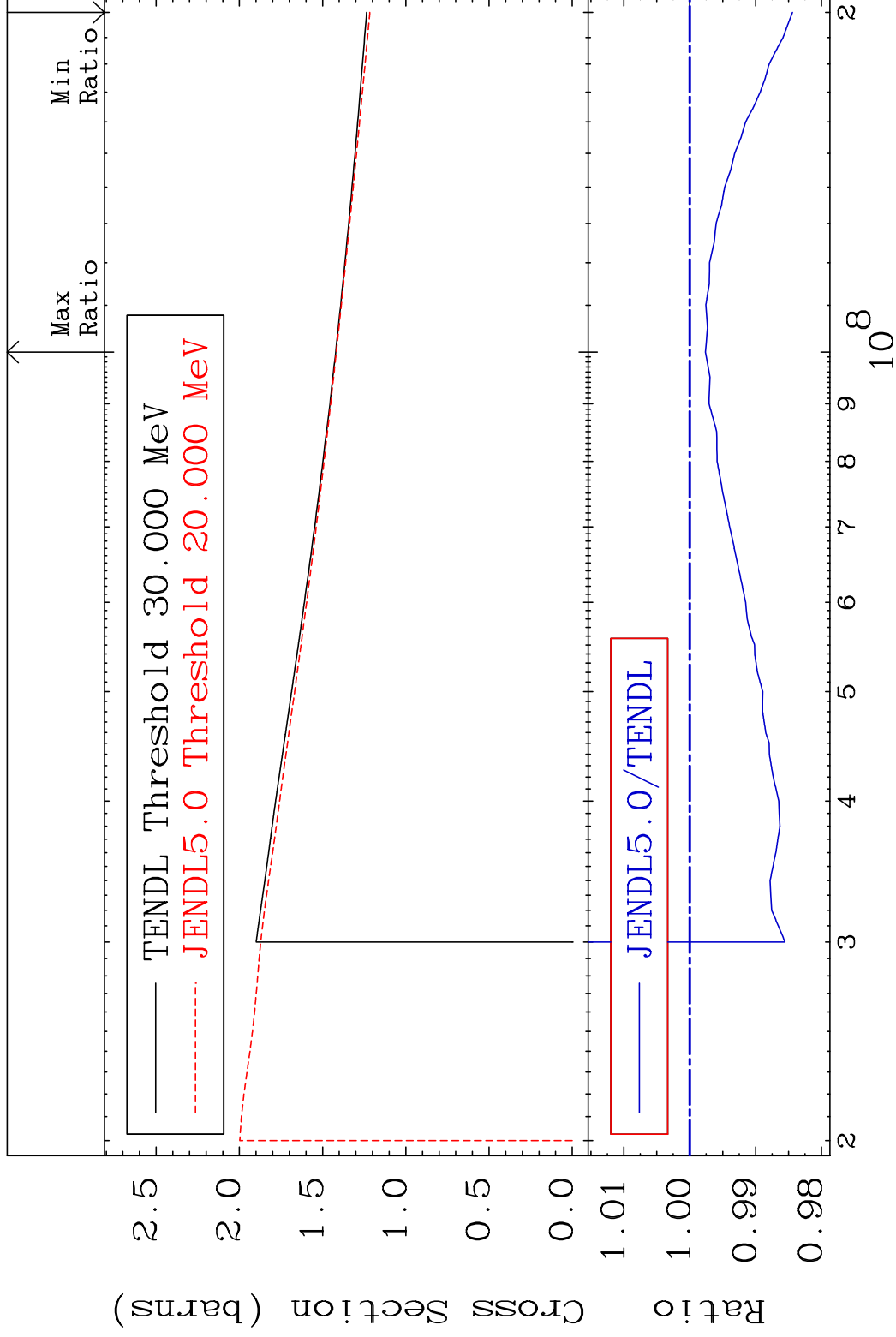
54-Xe-136

MAT 5461

(n, remainder)

54-Xe-136

Cross Section -1.566 To -0.237%



4

Incident Energy (eV)

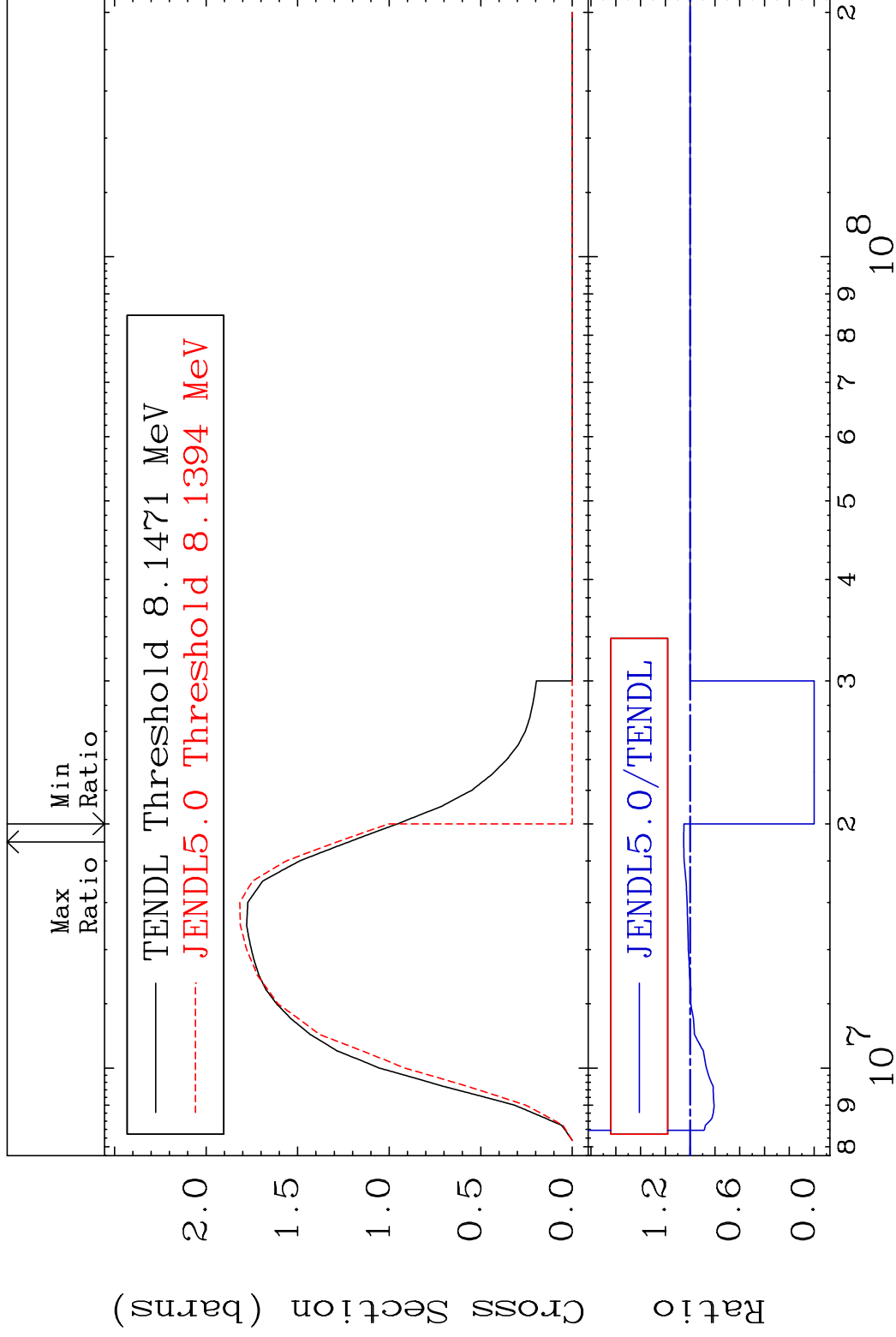
54-Xe-136

MAT 5461

(n,2n)

54-Xe-136

Cross Section -100.0 To 5.236 %



5

Incident Energy (eV)

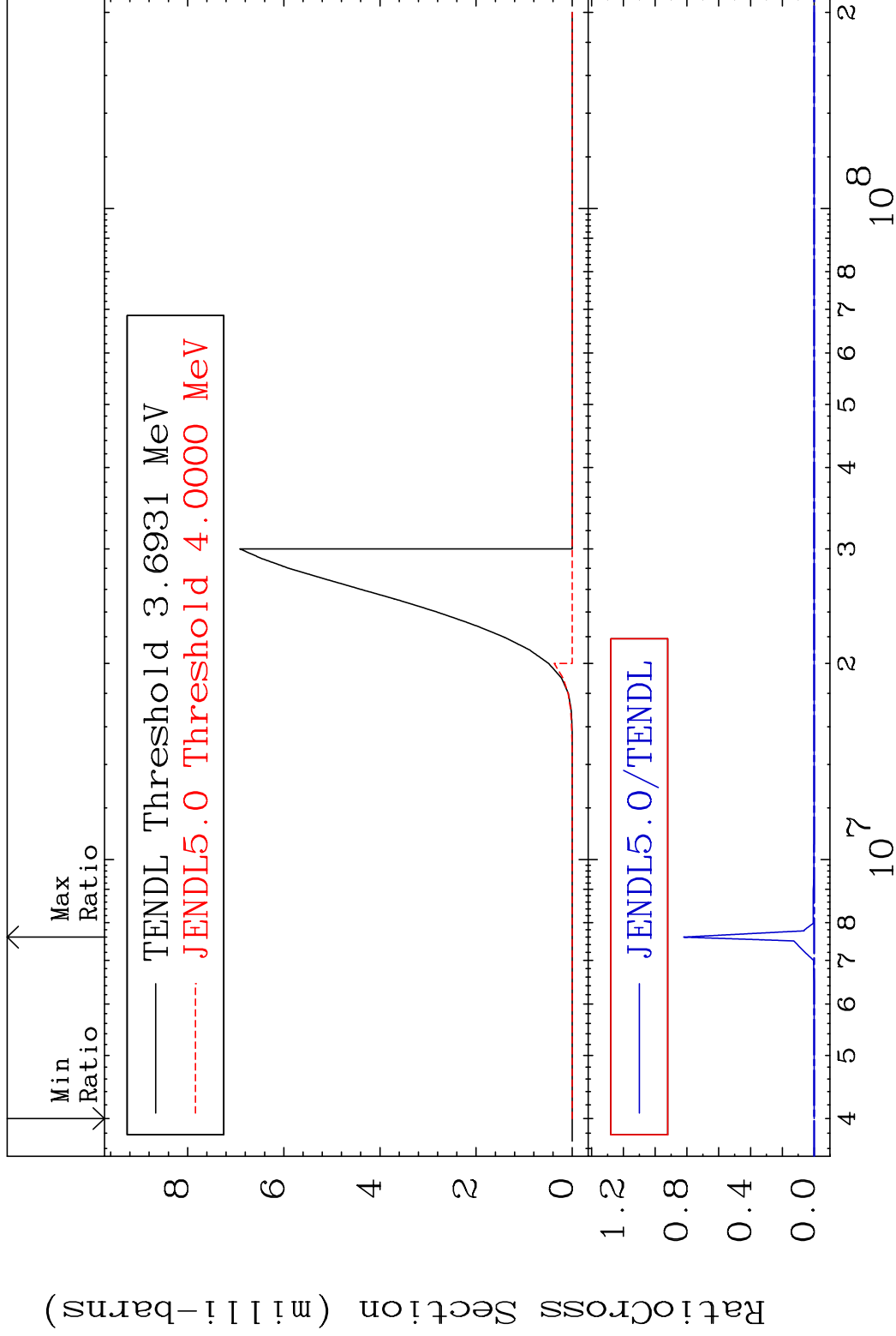
54-Xe-136

MAT 5461

(n, n') α

54-Xe-136

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

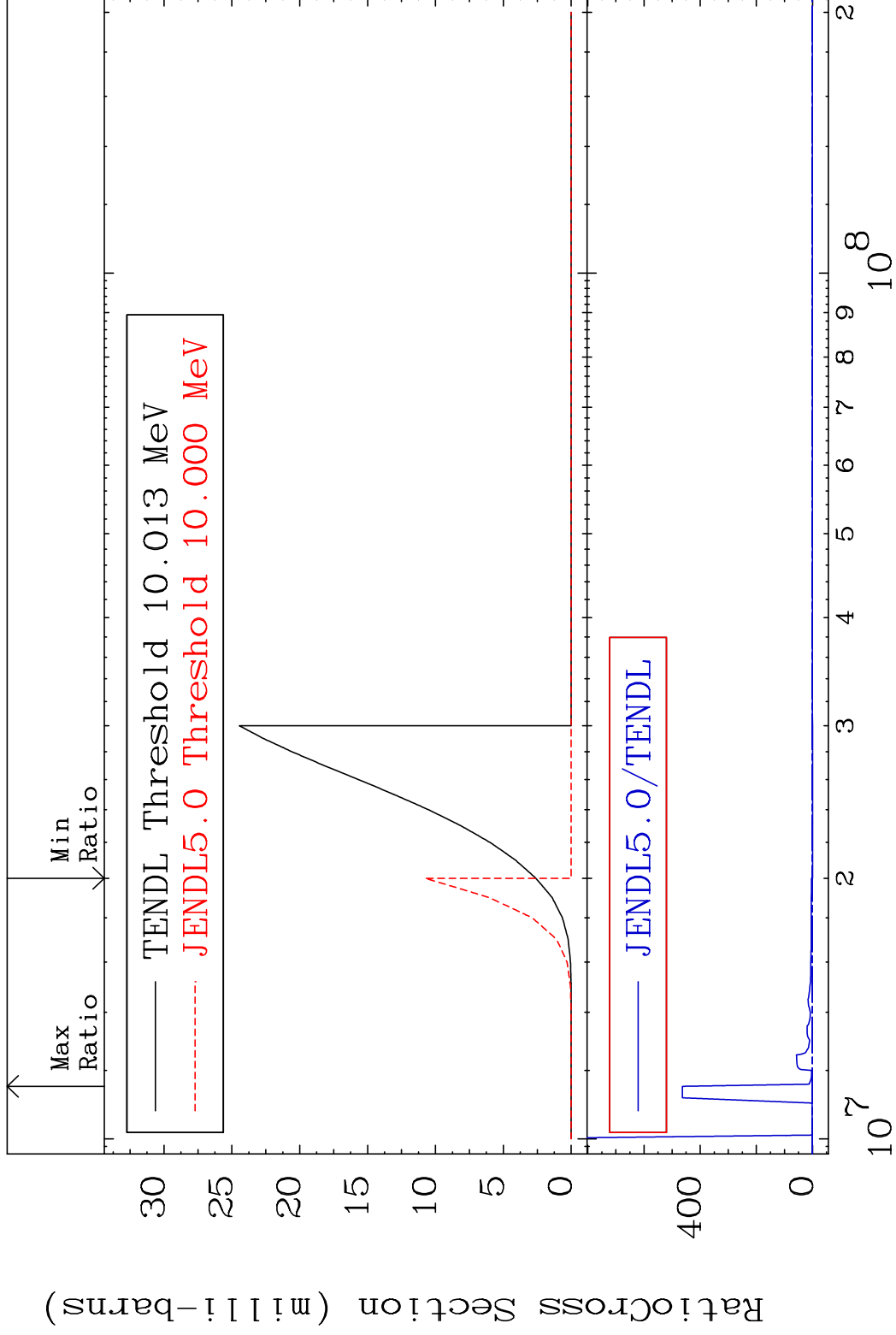
54-Xe-136

MAT 5461

(n, n') p

54-Xe-136

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

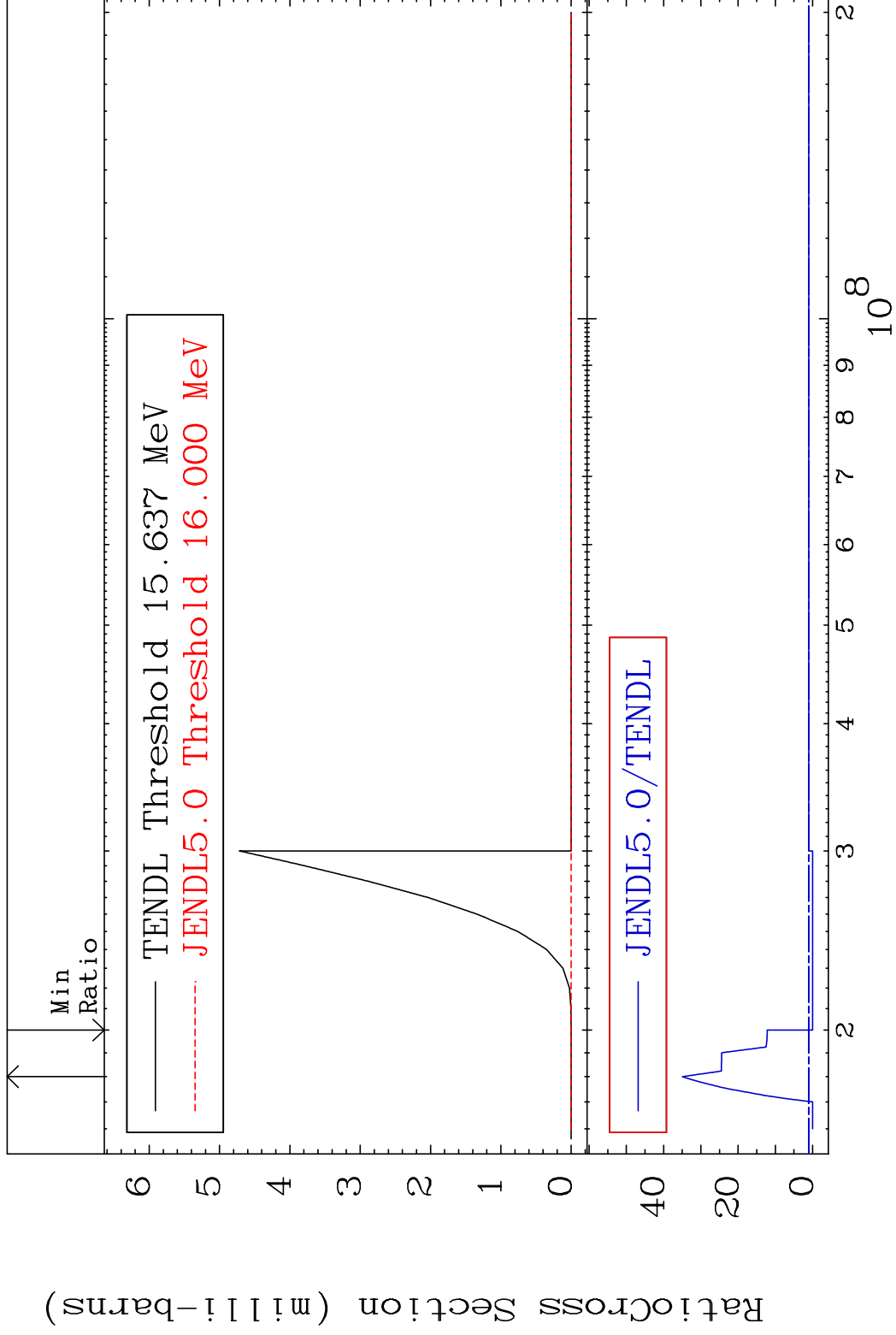
54-Xe-136

MAT 5461

(n, n') d

54-Xe-136

Cross Section -100.0 To 3397. %



9

Incident Energy (eV)

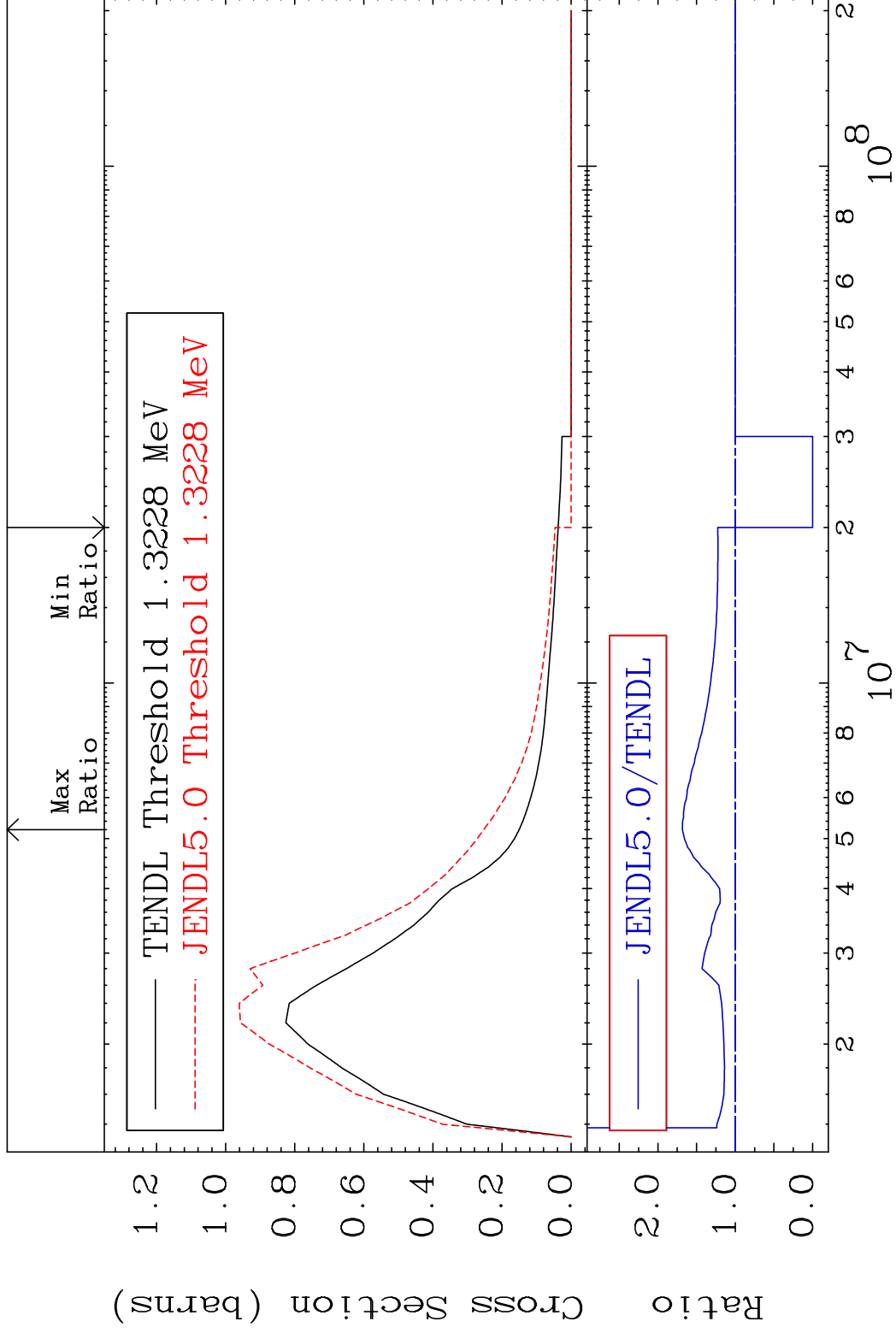
54-Xe-136

MAT 5461

MT= 51 (n, n') Level

54-Xe-136

Cross Section -100.0 To 68.40 %

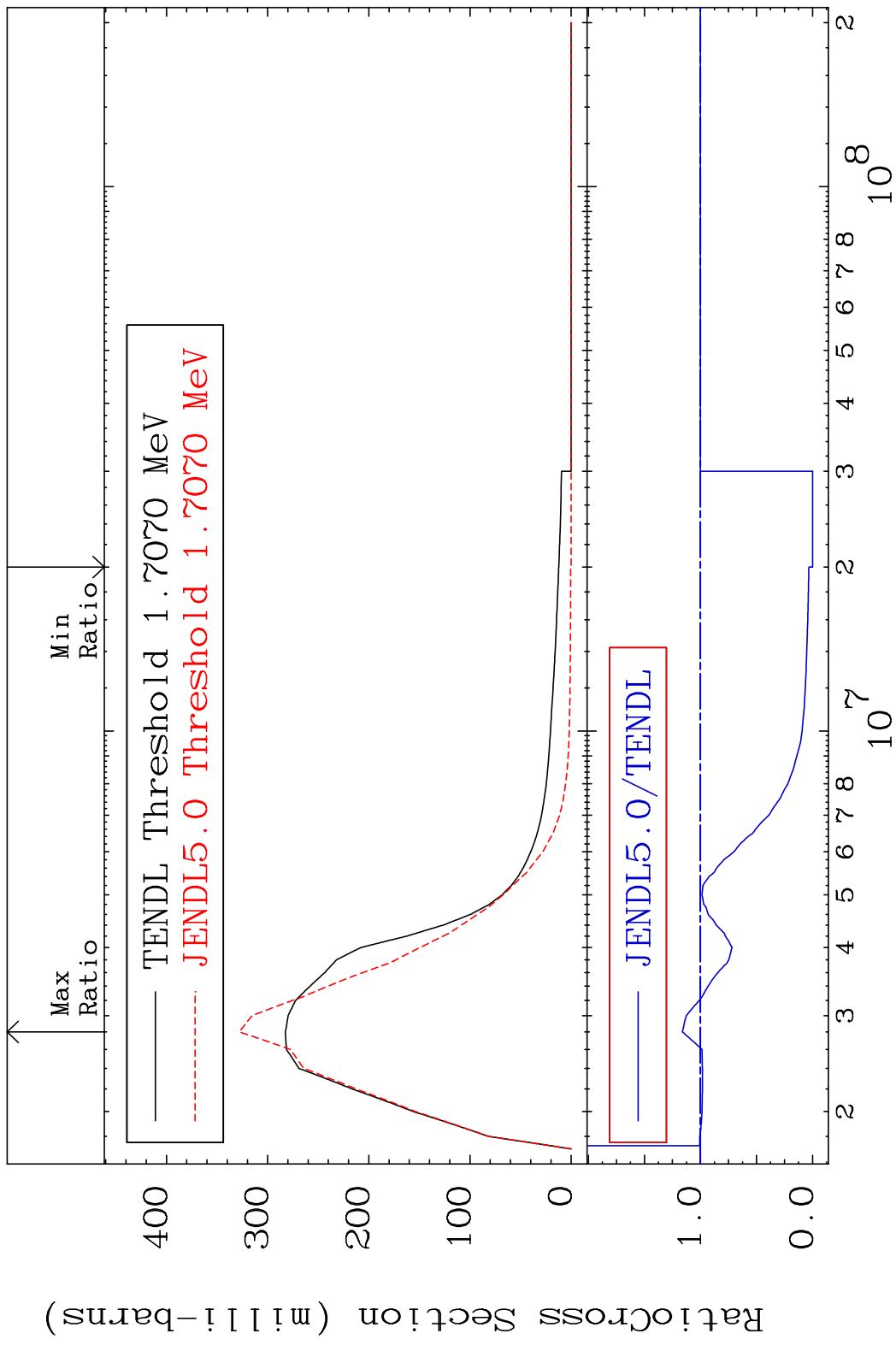


10

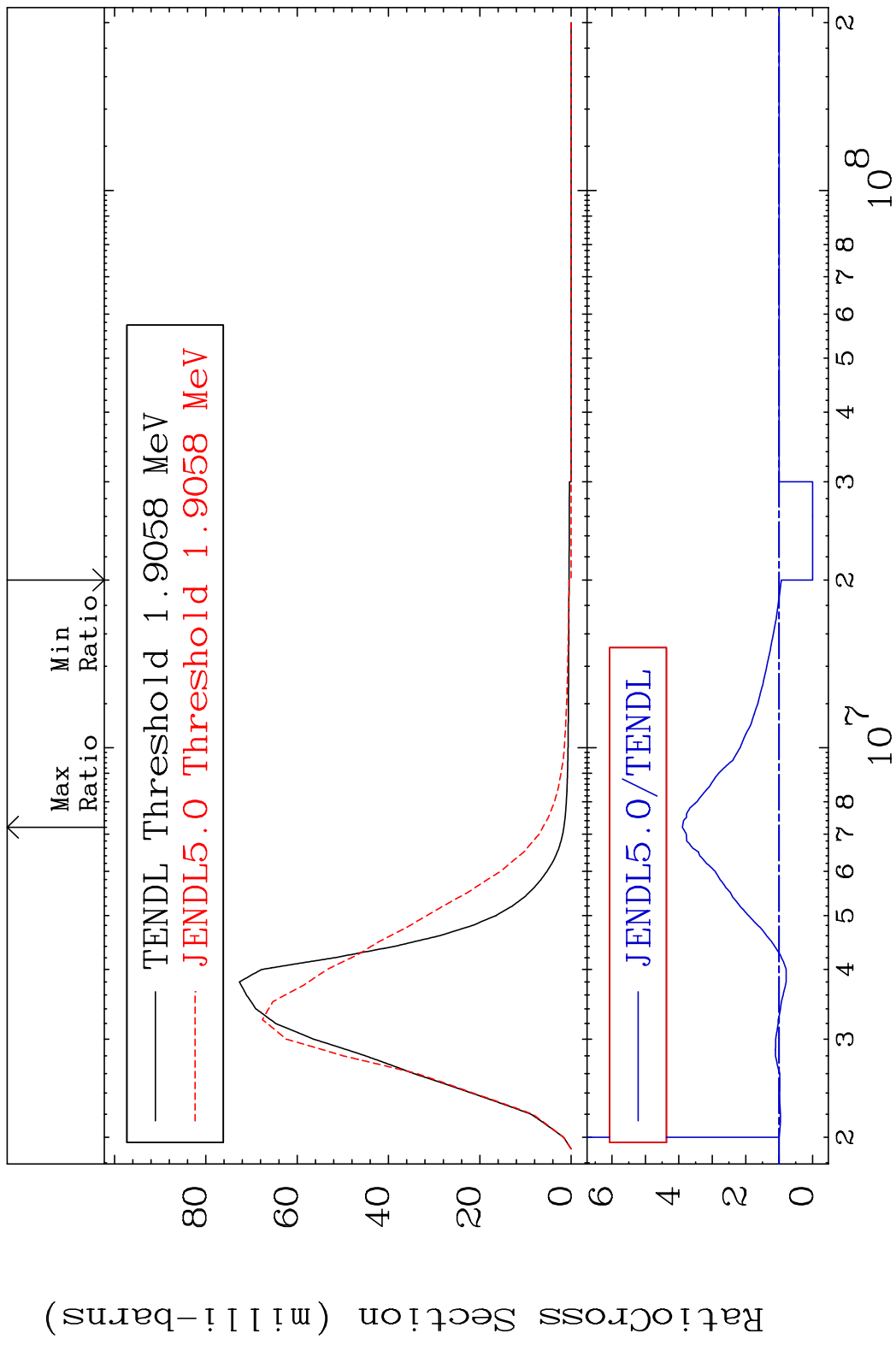
Incident Energy (eV)

54-Xe-136

MAT 5461 MT= 52 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 16.16 %

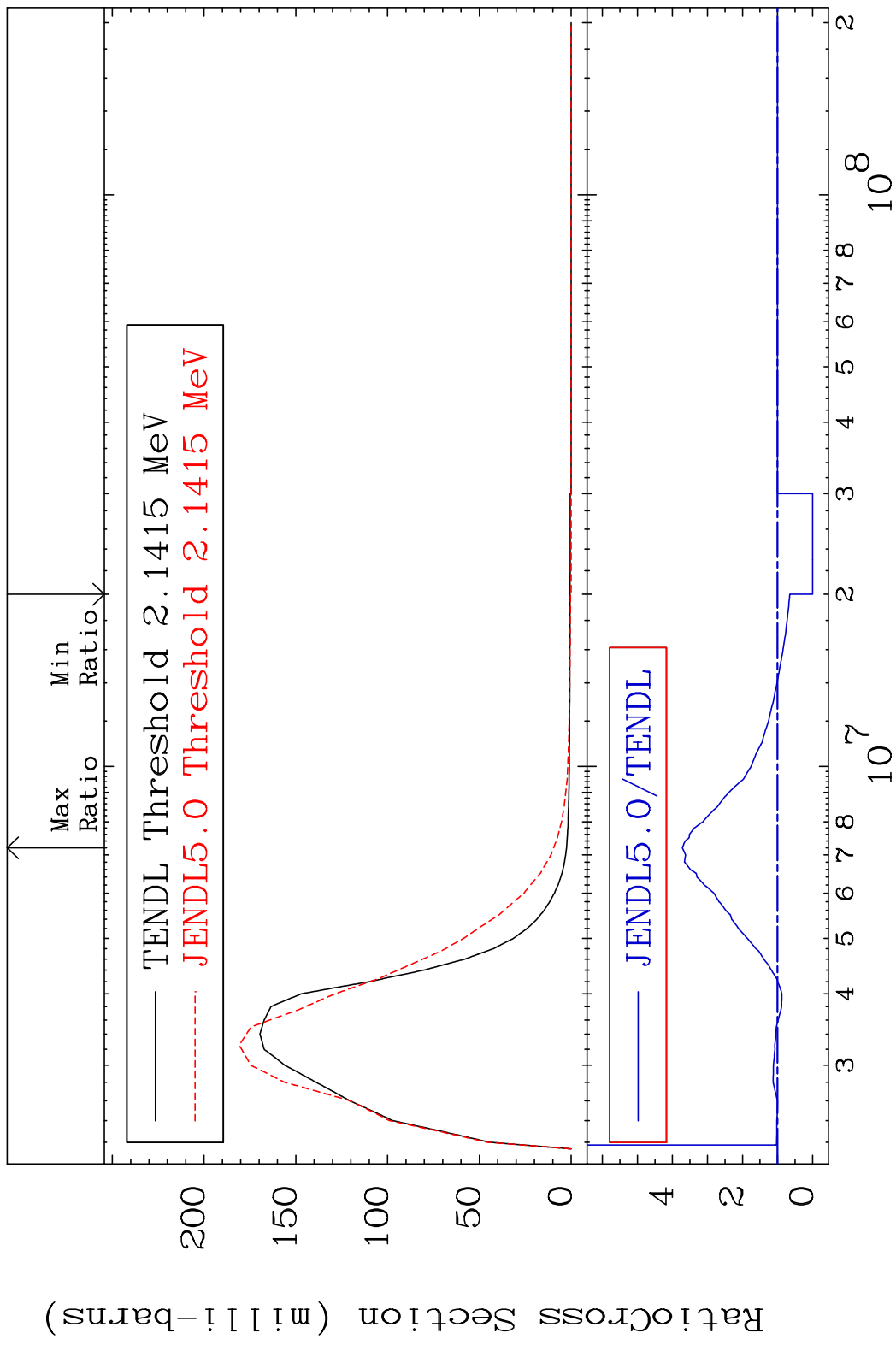


MAT 5461 MT= 53 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 289.5 %

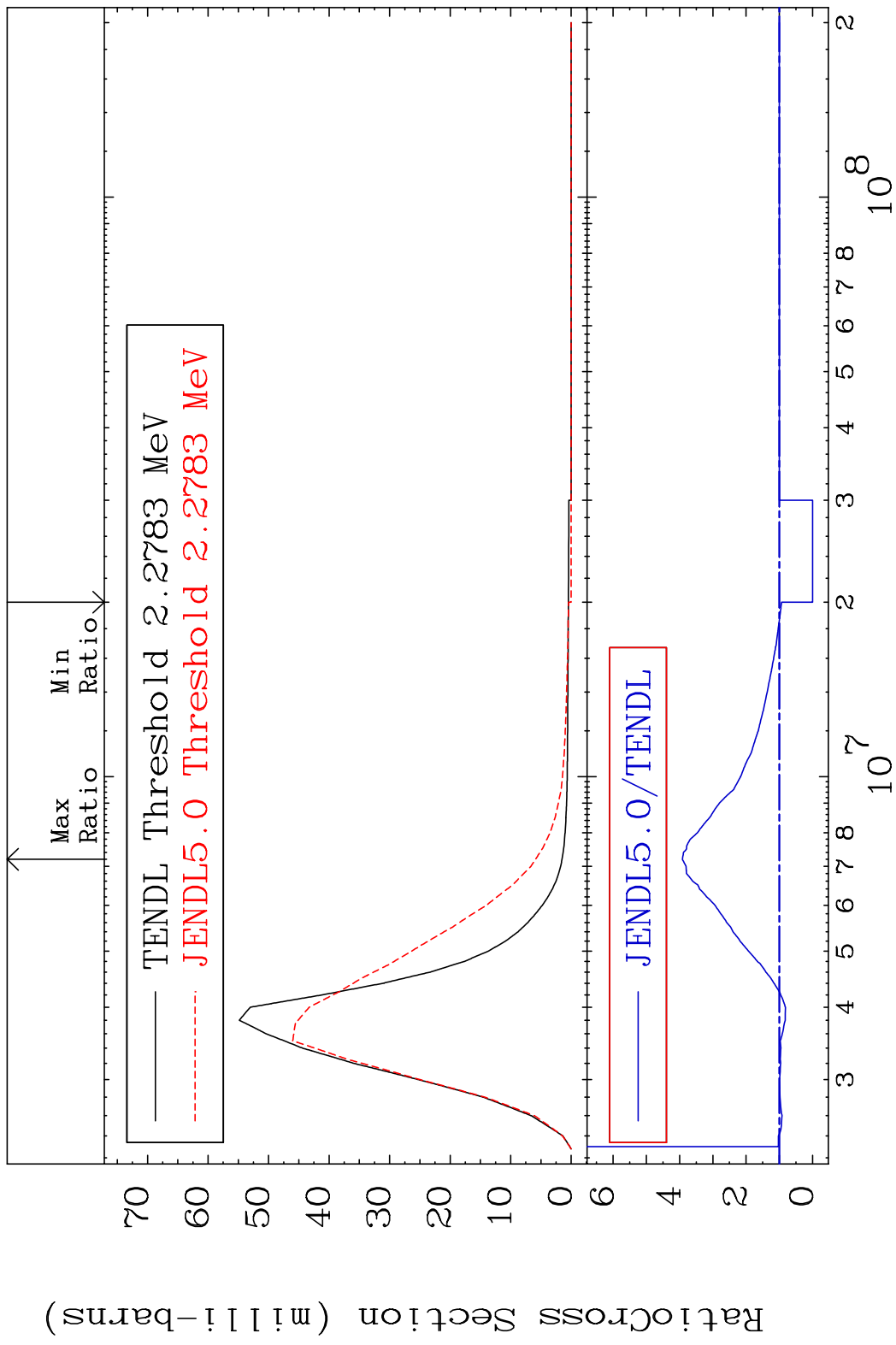


12 Incident Energy (eV) 54-Xe-136

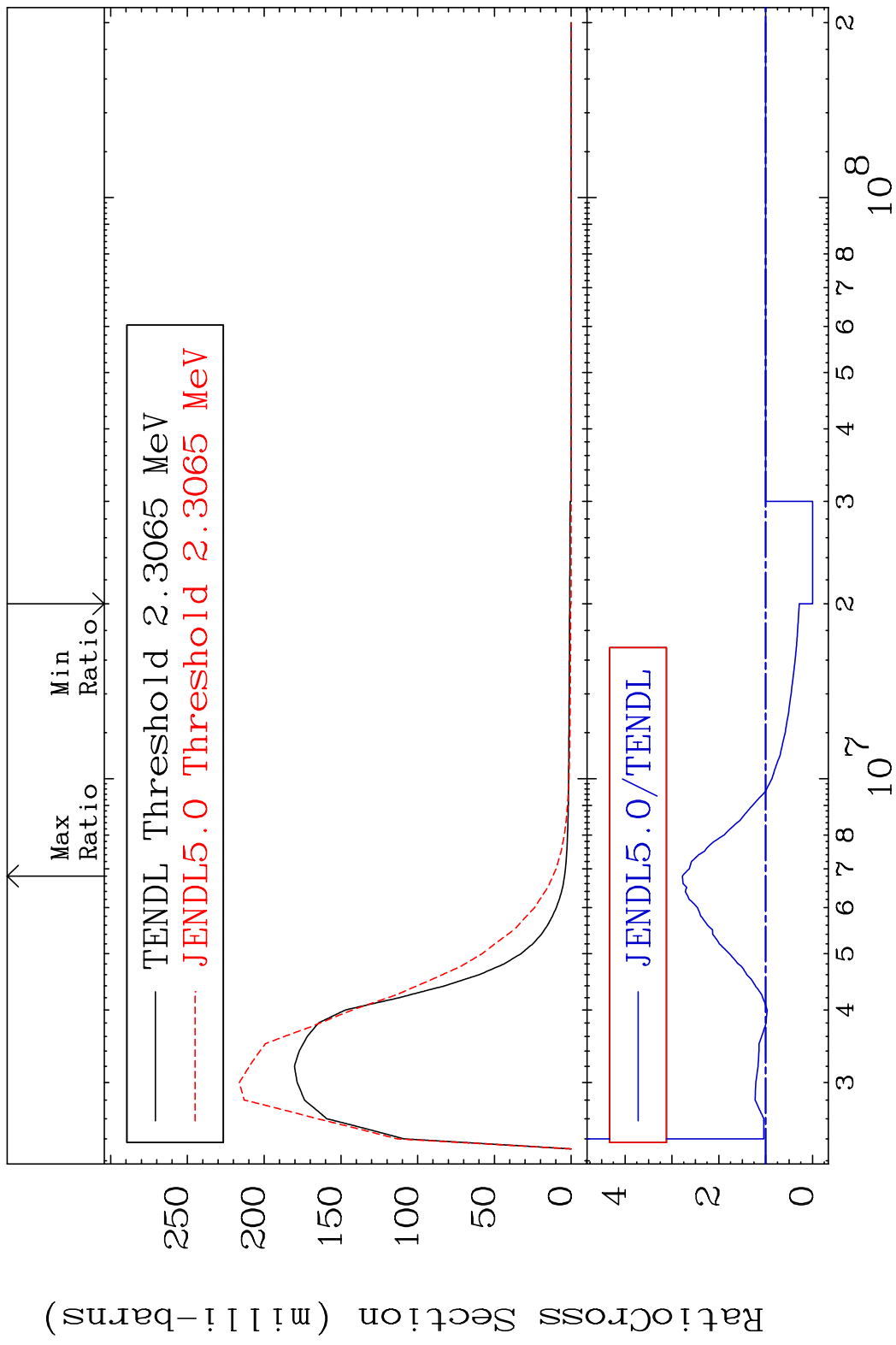
MAT 5461 MT= 54 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 271.7 %



MAT 5461 MT= 55 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 291.7 %



MAT 5461 MT= 56 (n,n') Level 54-Xe-136
 Cross Section -100.0 To 177.8 %



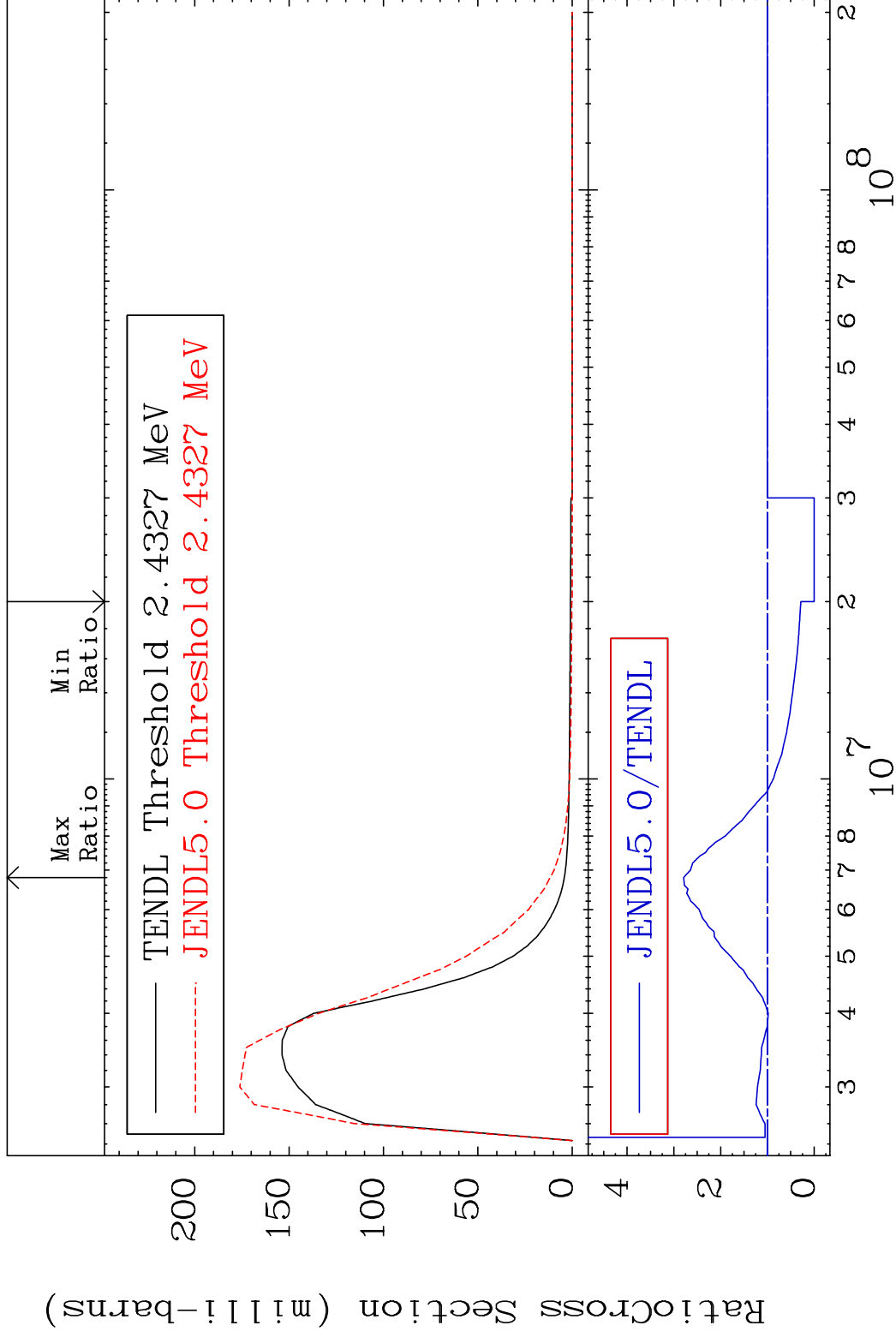
15 54-Xe-136

MAT 5461

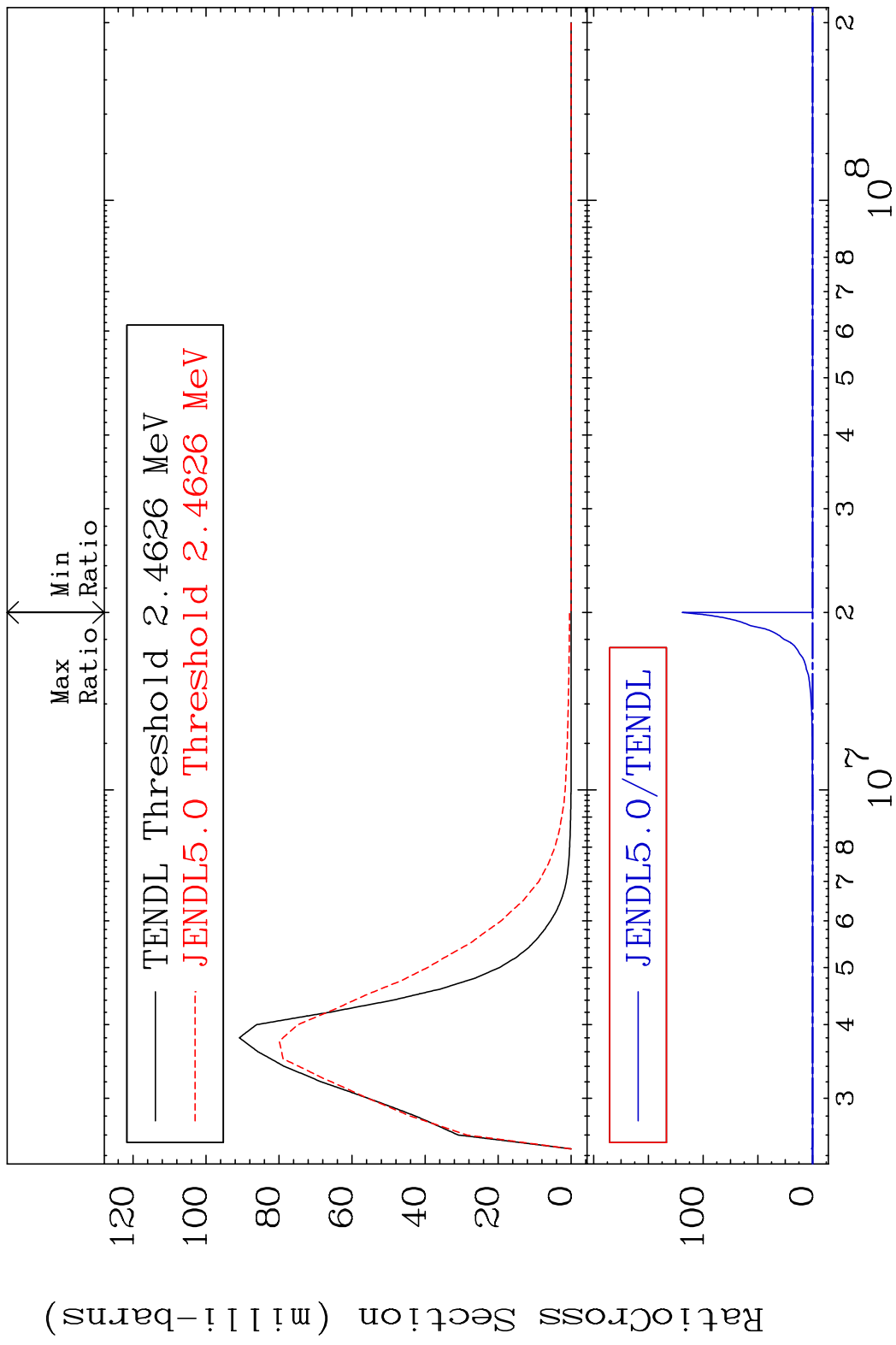
MT= 57 (n, n') Level

54-Xe-136

Cross Section -100.0 To 179.0 %

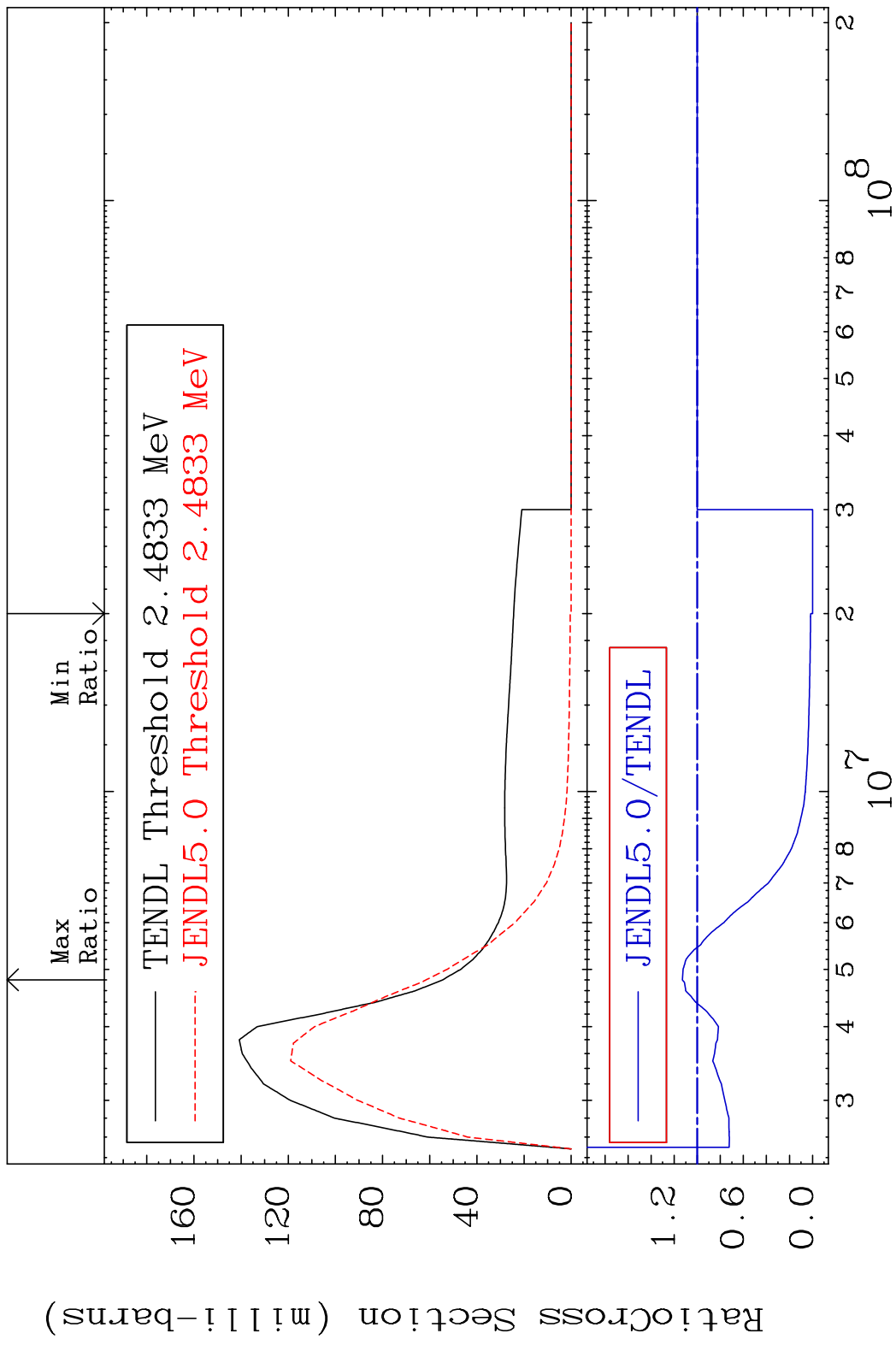


MAT 5461 MT= 58 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %

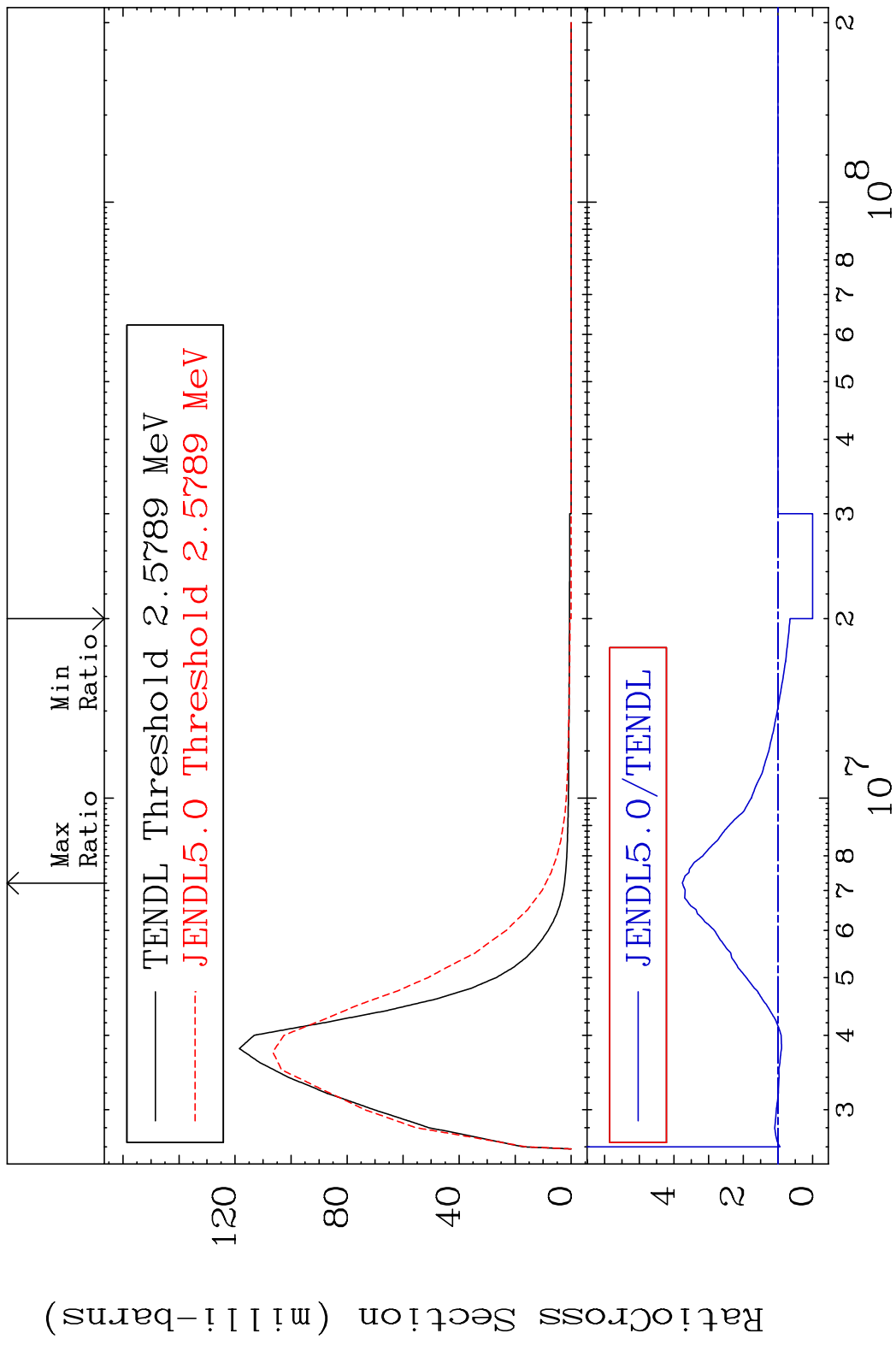


17 54-Xe-136

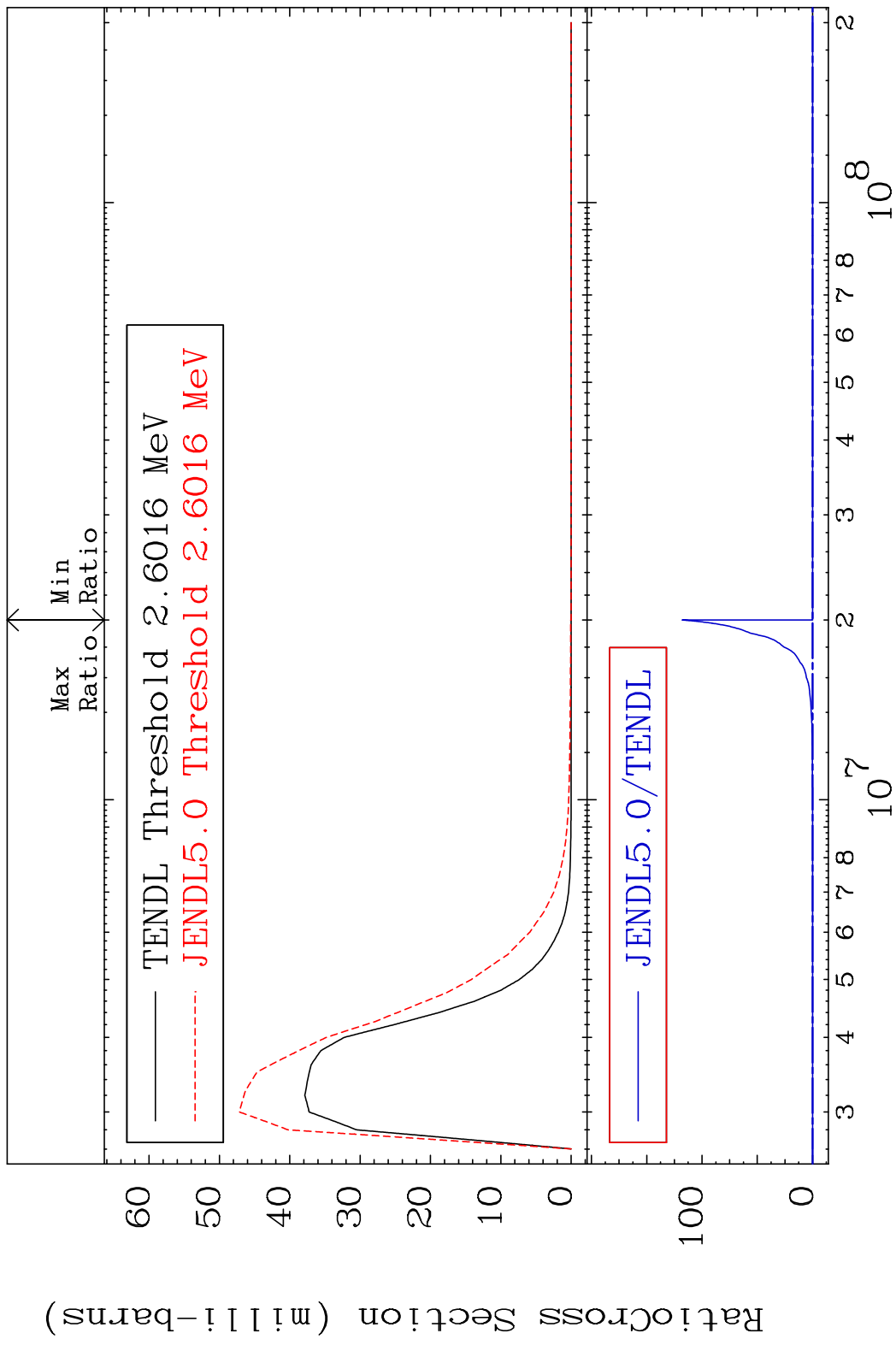
MAT 5461 MT= 59 (n,n') Level 54-Xe-136
 Cross Section -100.0 To 12.90 %



MAT 5461 MT= 60 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 275.5 %



MAT 5461 MT= 61 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %

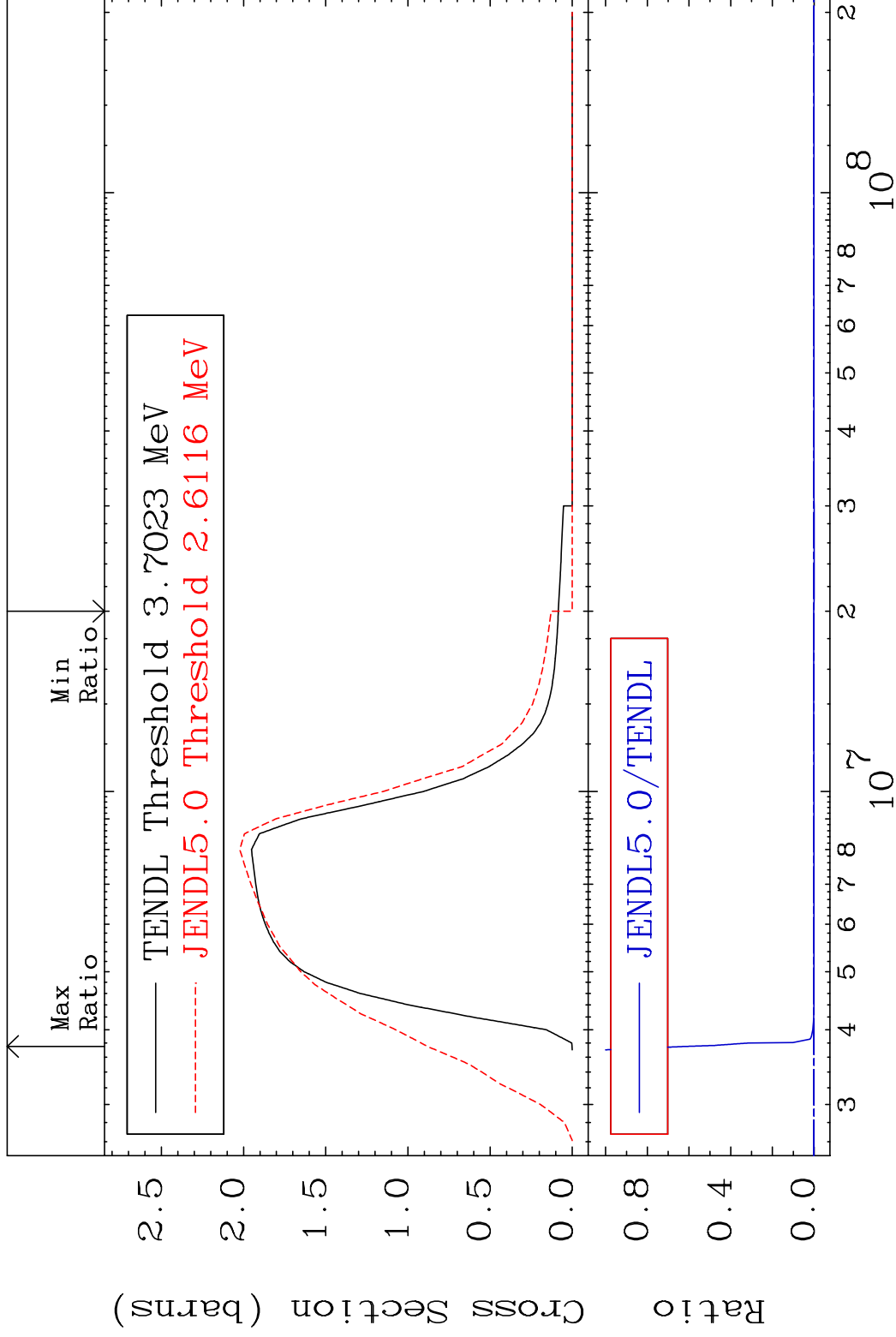


MAT 5461

(n, n') Continuum

54-Xe-136

Cross Section -100.0 To 9999. %

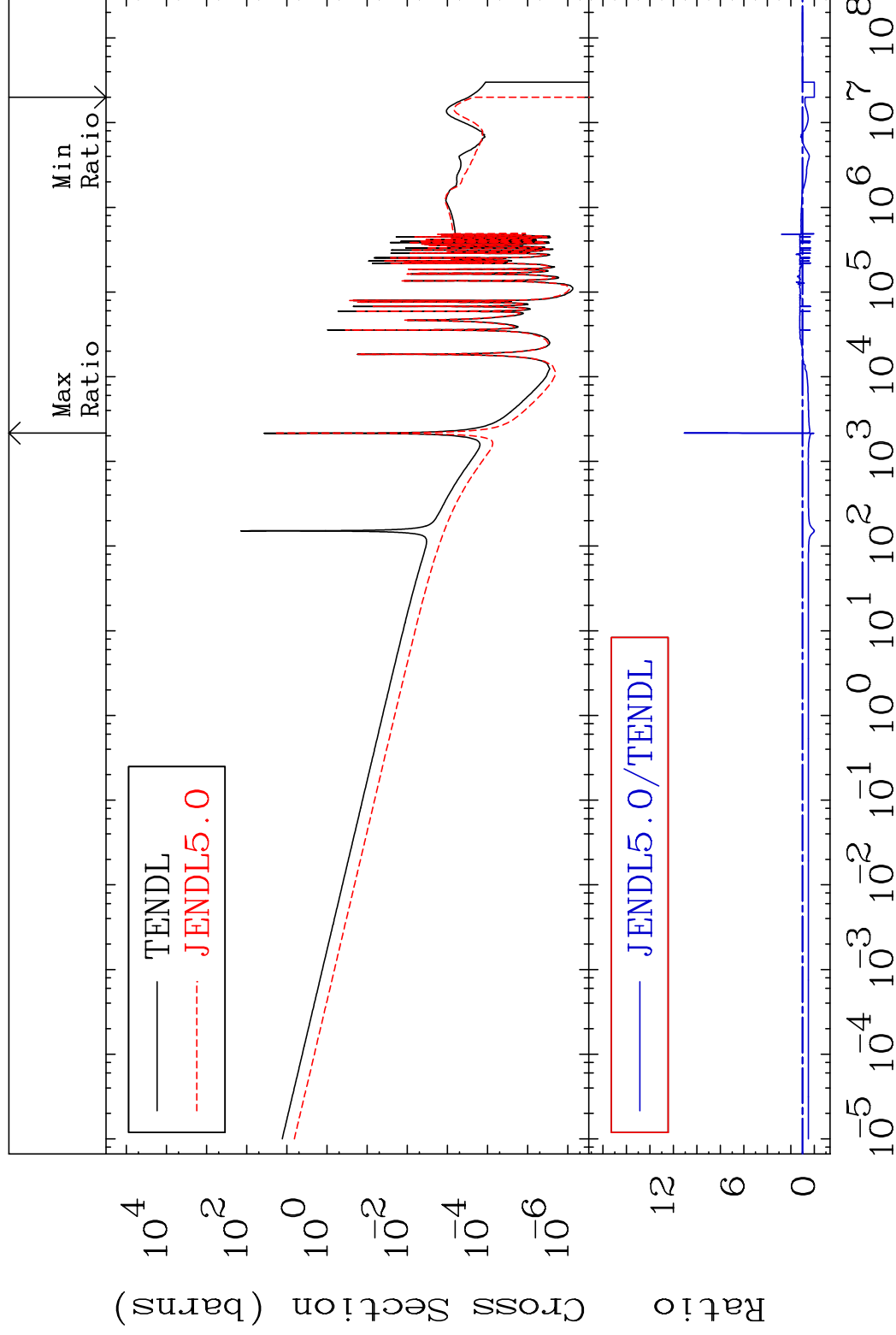


MAT 5461

(n, γ)

54-Xe-136

Cross Section -100.0 To 1009. %



22

Incident Energy (eV)

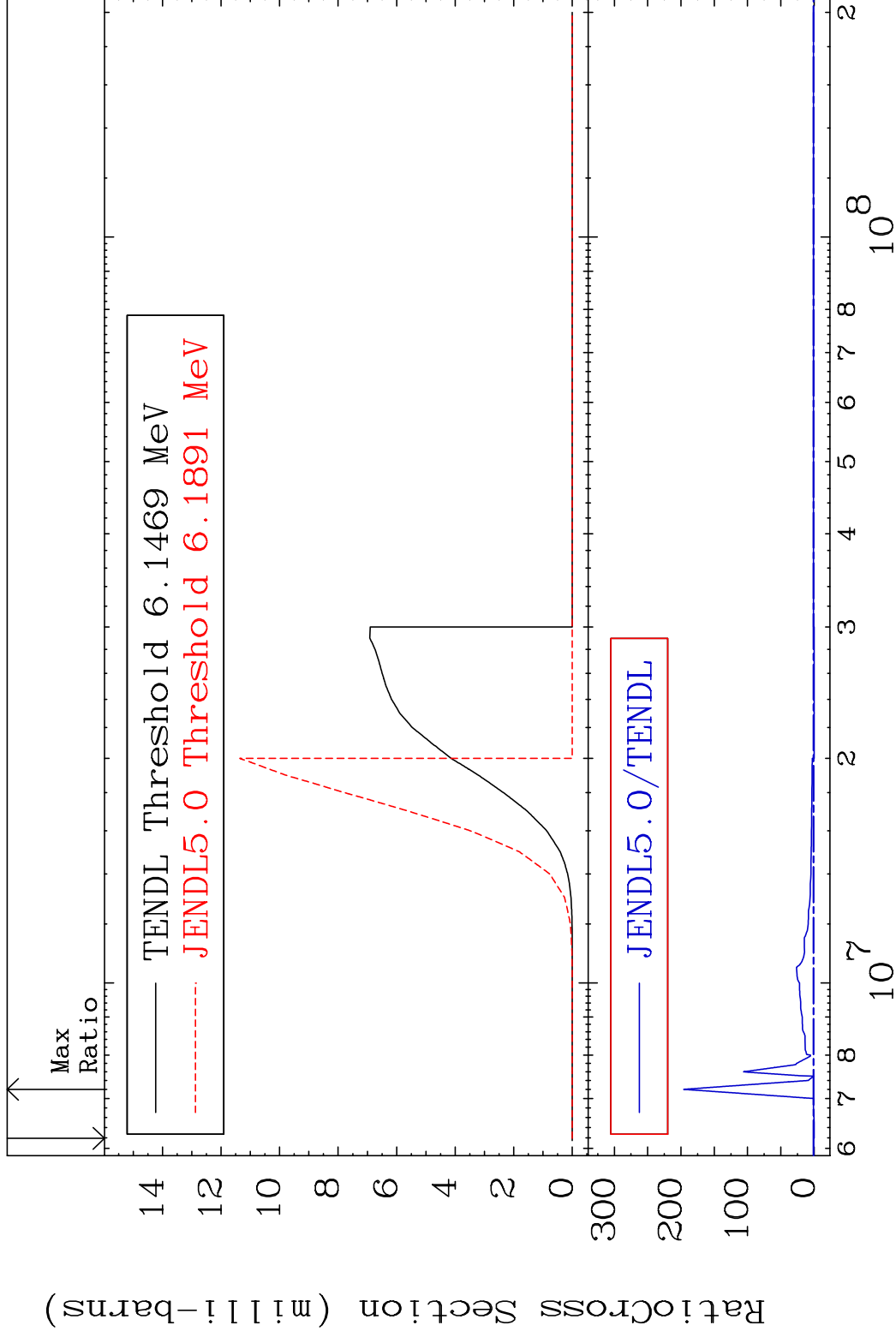
54-Xe-136

MAT 5461

(n,p)

54-Xe-136

Cross Section -100.0 To 9999. %

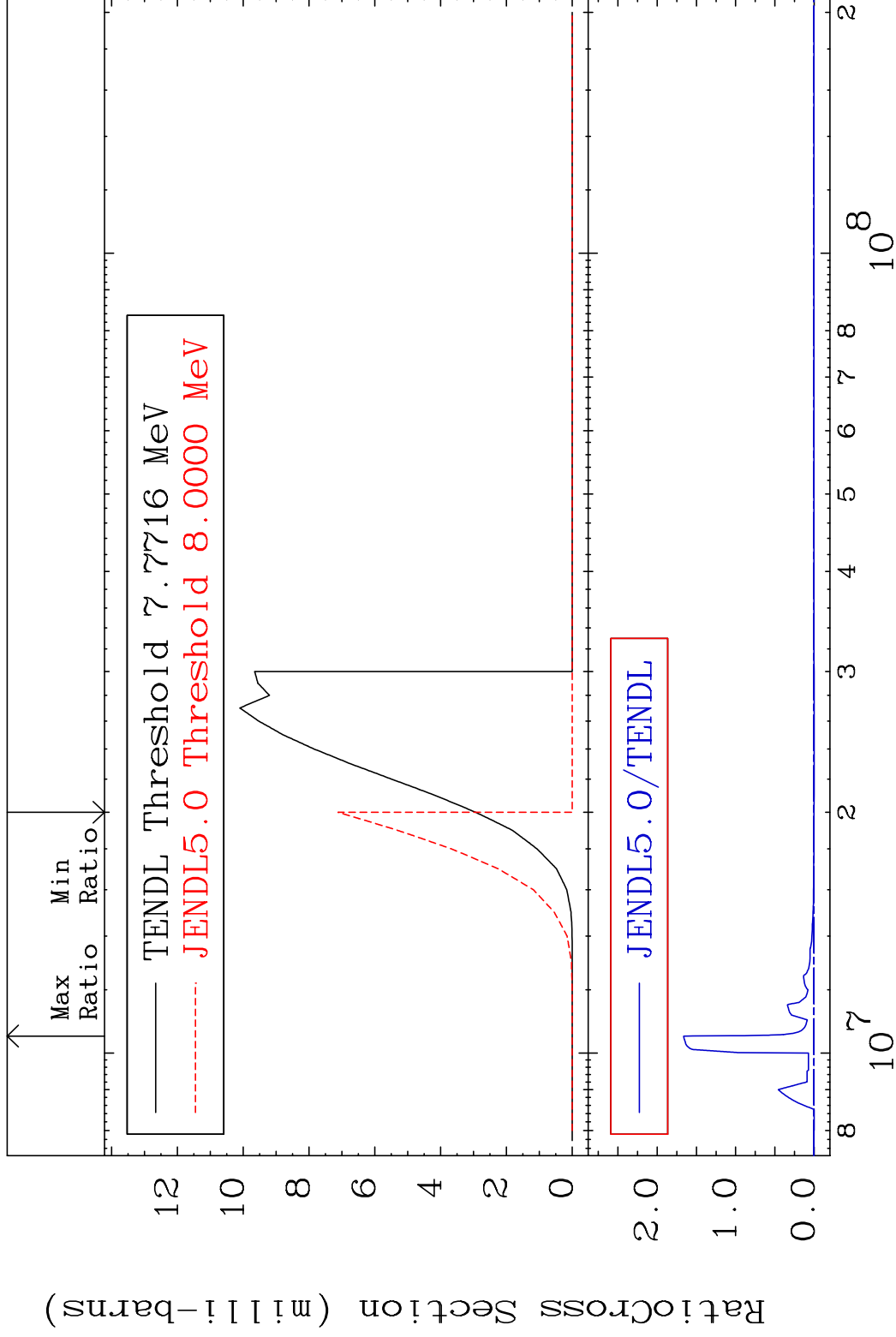


MAT 5461

(n,d)

54-Xe-136

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

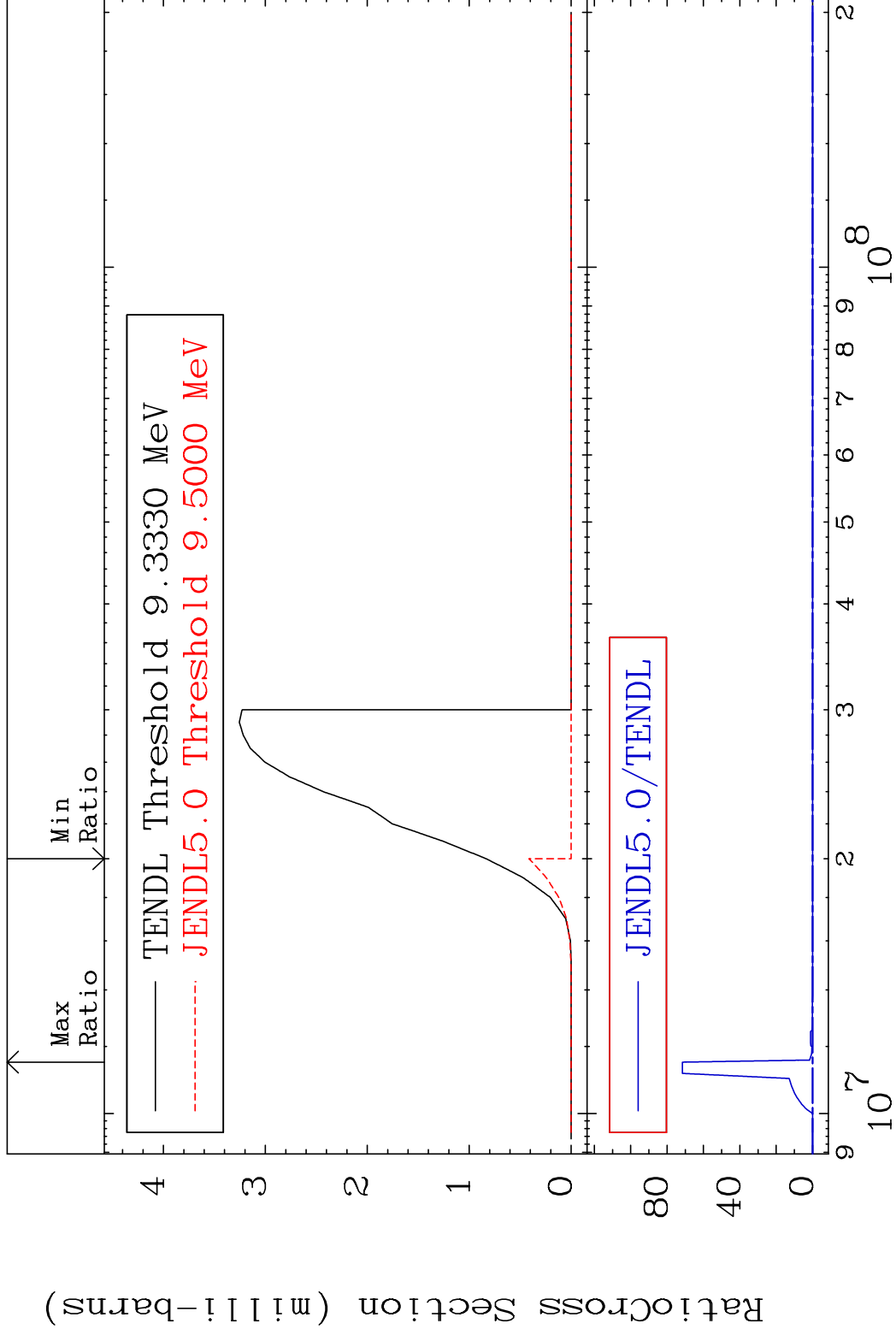
54-Xe-136

MAT 5461

(n, t)

54-Xe-136

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

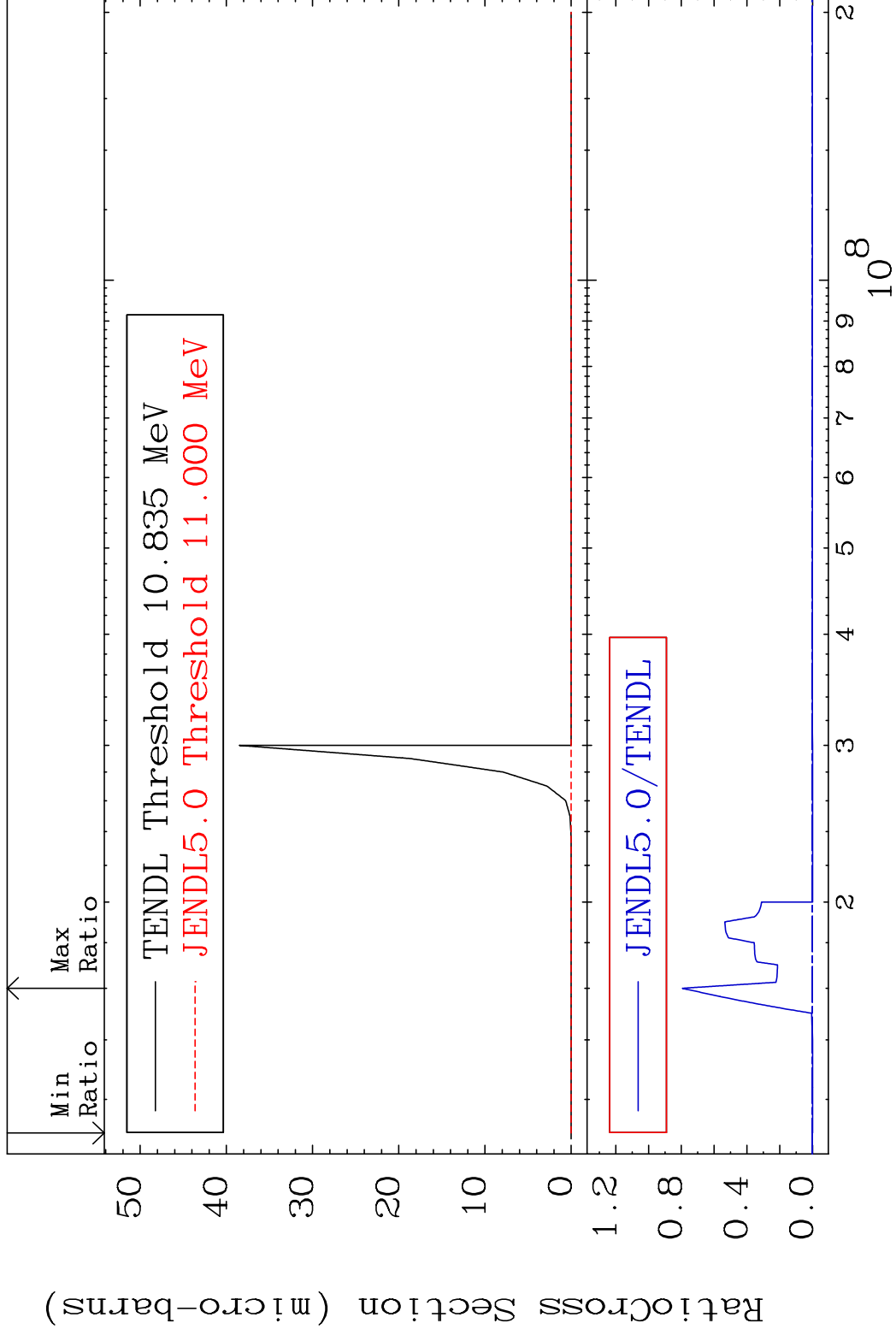
54-Xe-136

MAT 5461

(n, He-3)

54-Xe-136

Cross Section -100.0 To 9999. %

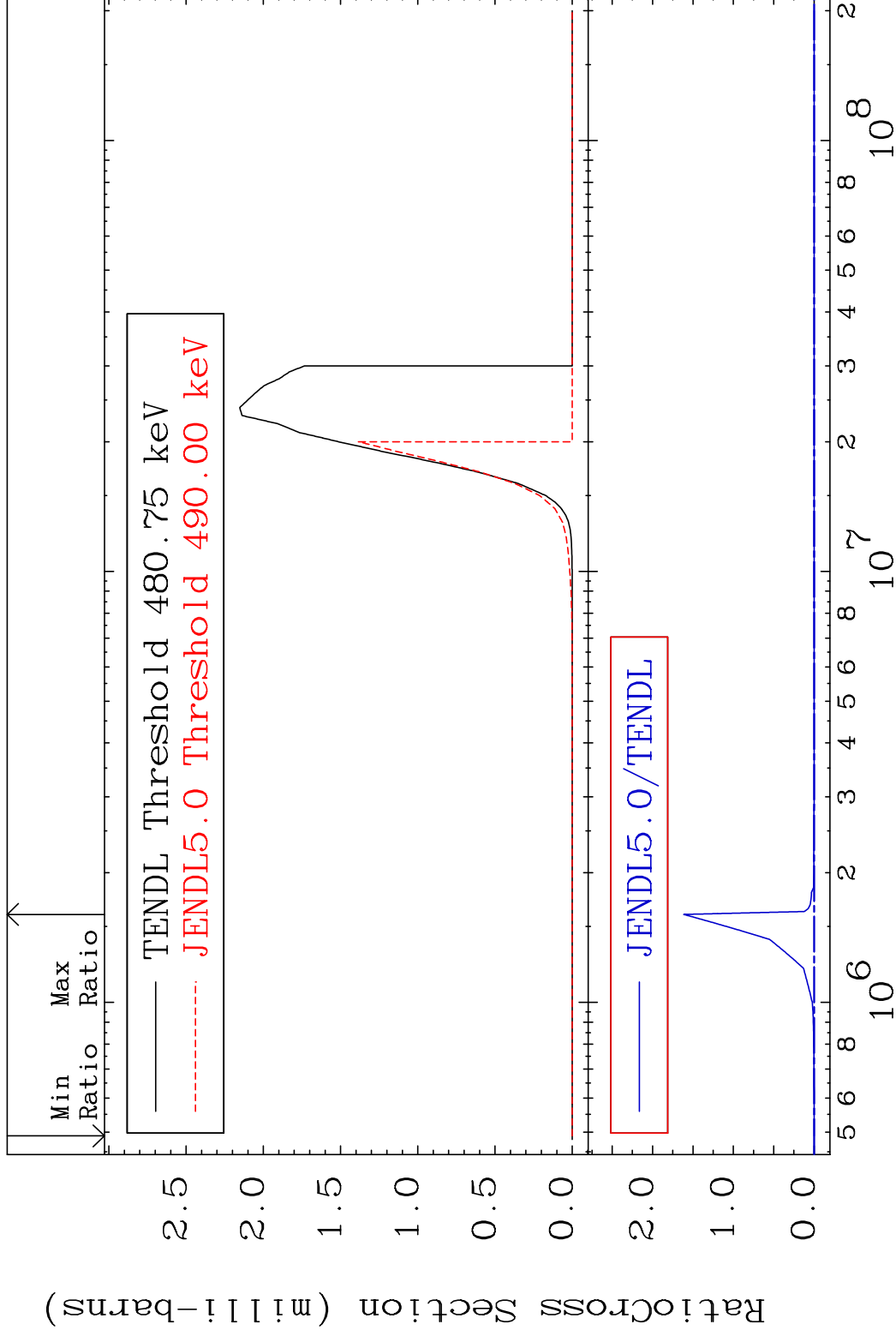


MAT 5461

(n, α)

54-Xe-136

Cross Section -100.0 To 9999. %

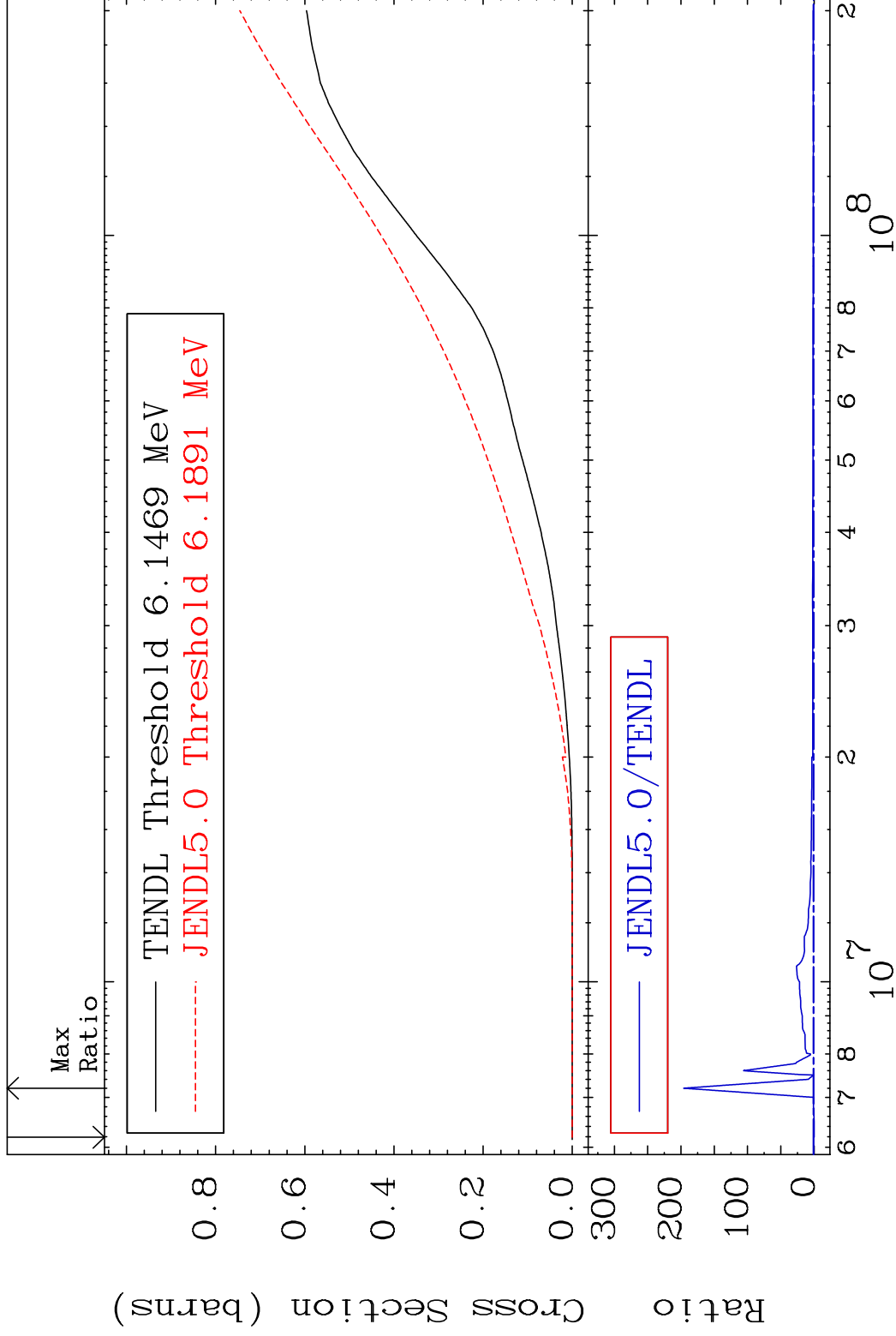


MAT 5461

Hydrogen Production

54-Xe-136

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

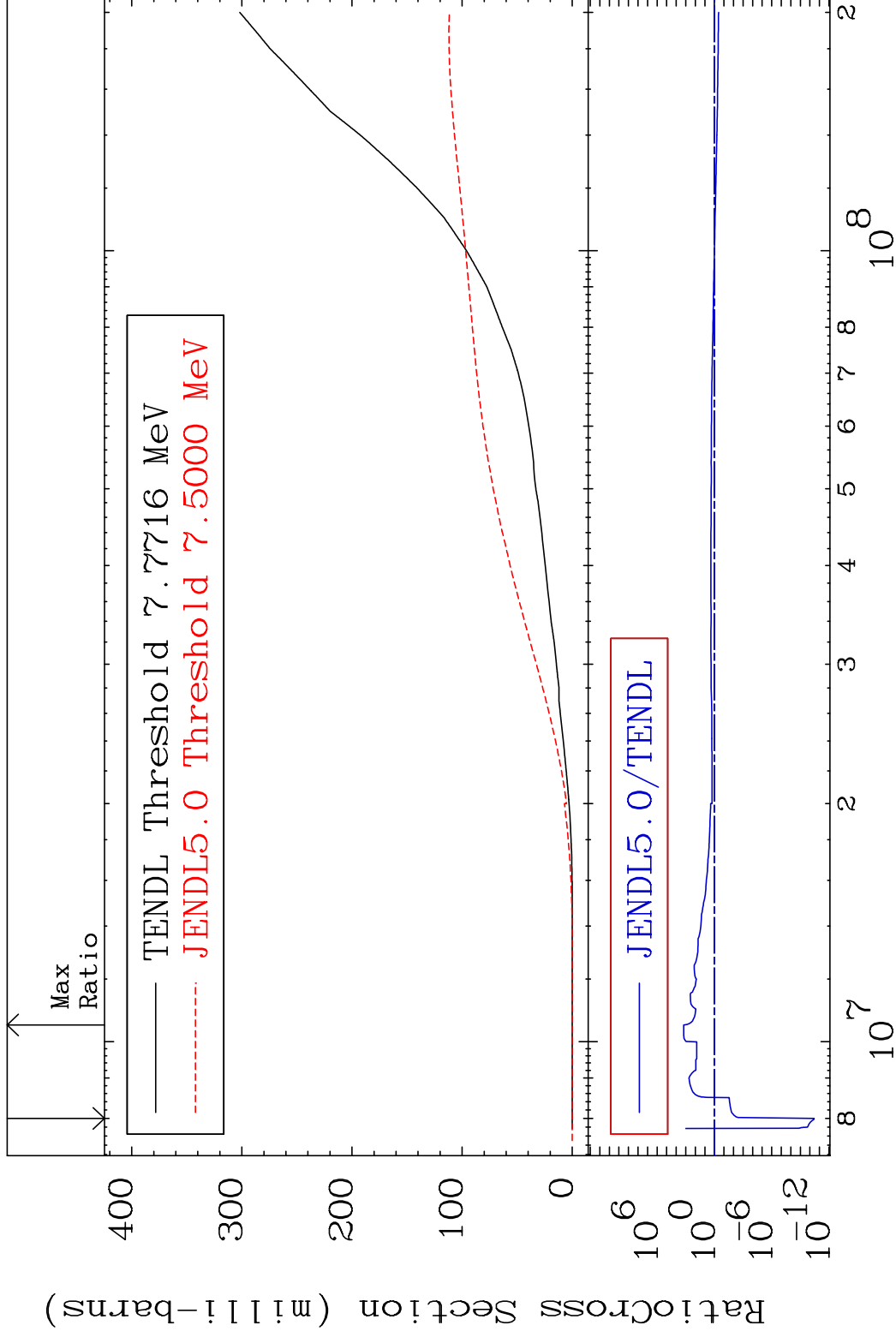
54-Xe-136

MAT 5461

Deuterium Production

54-Xe-136

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

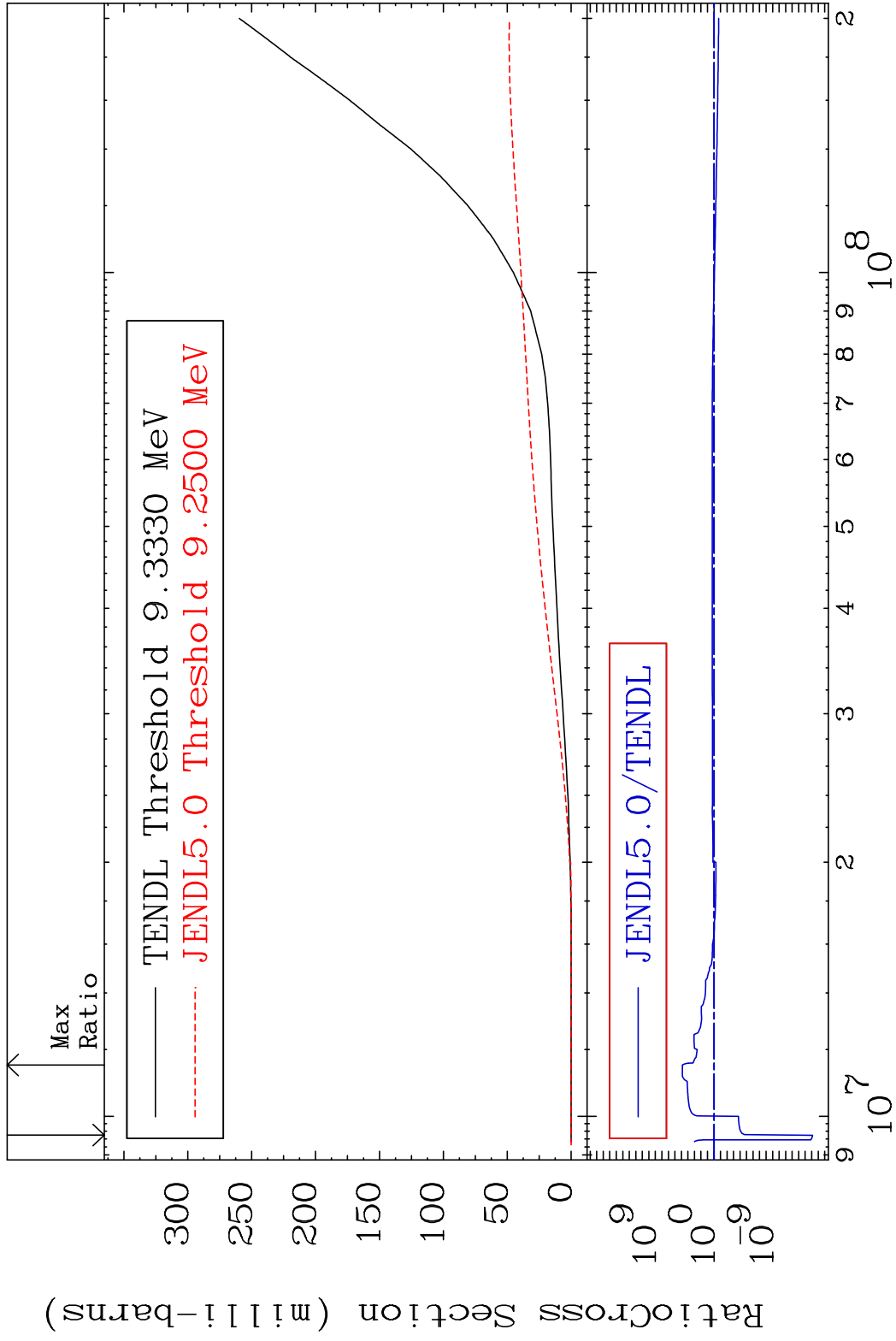
54-Xe-136

MAT 5461

Tritium Production

54-Xe-136

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

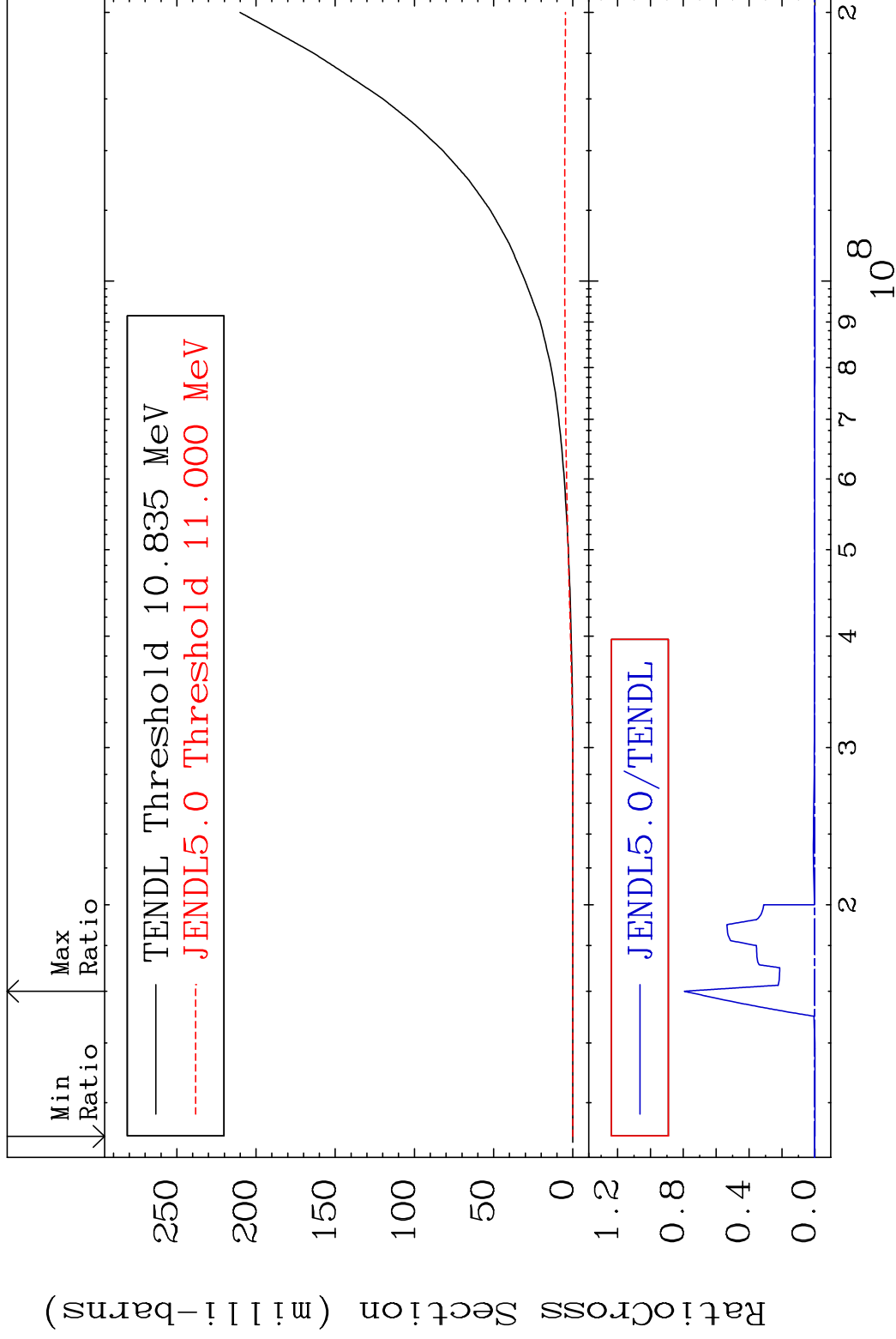
54-Xe-136

MAT 5461

He-3 Production

54-Xe-136

Cross Section -100.0 To 9999. %

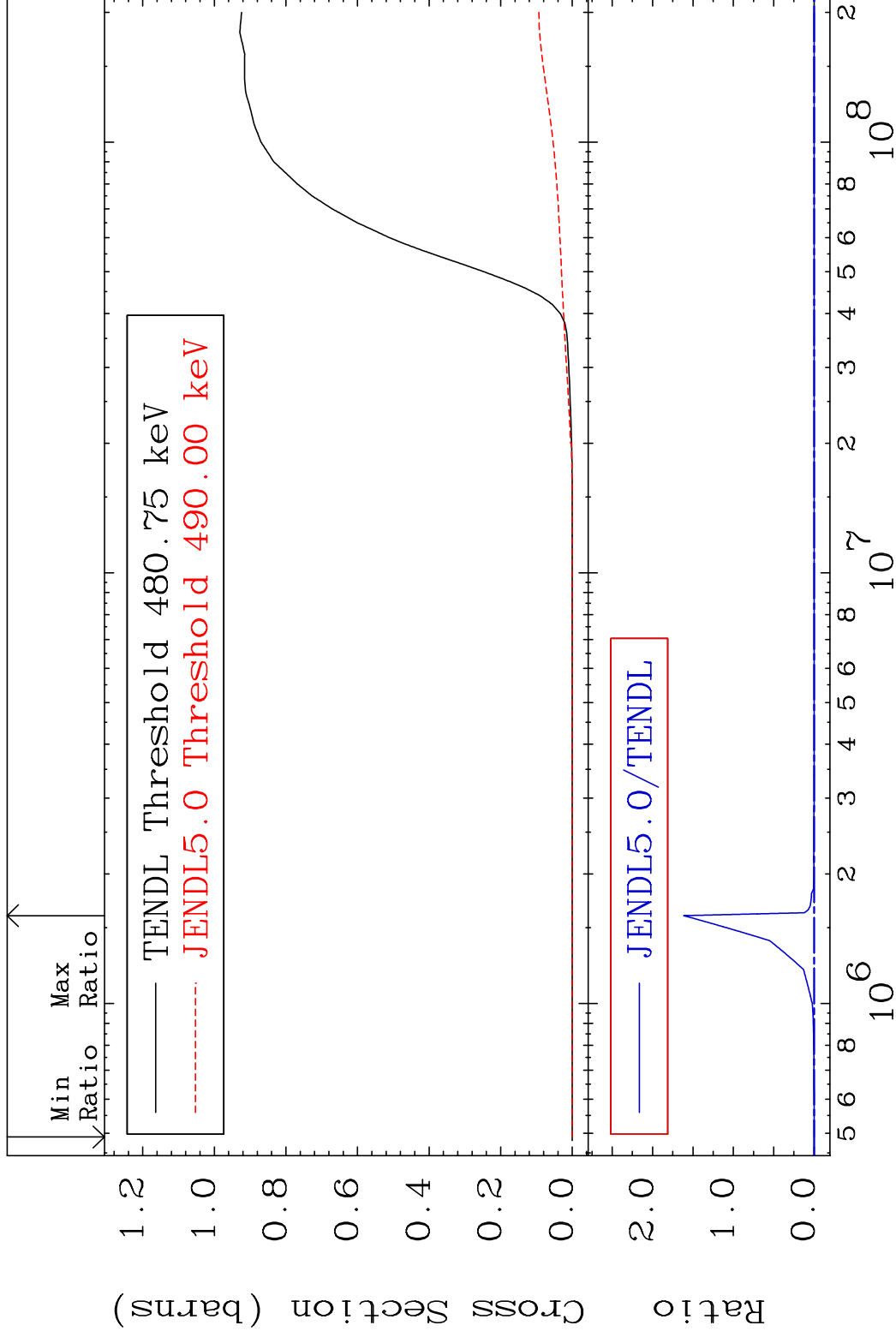


MAT 5461

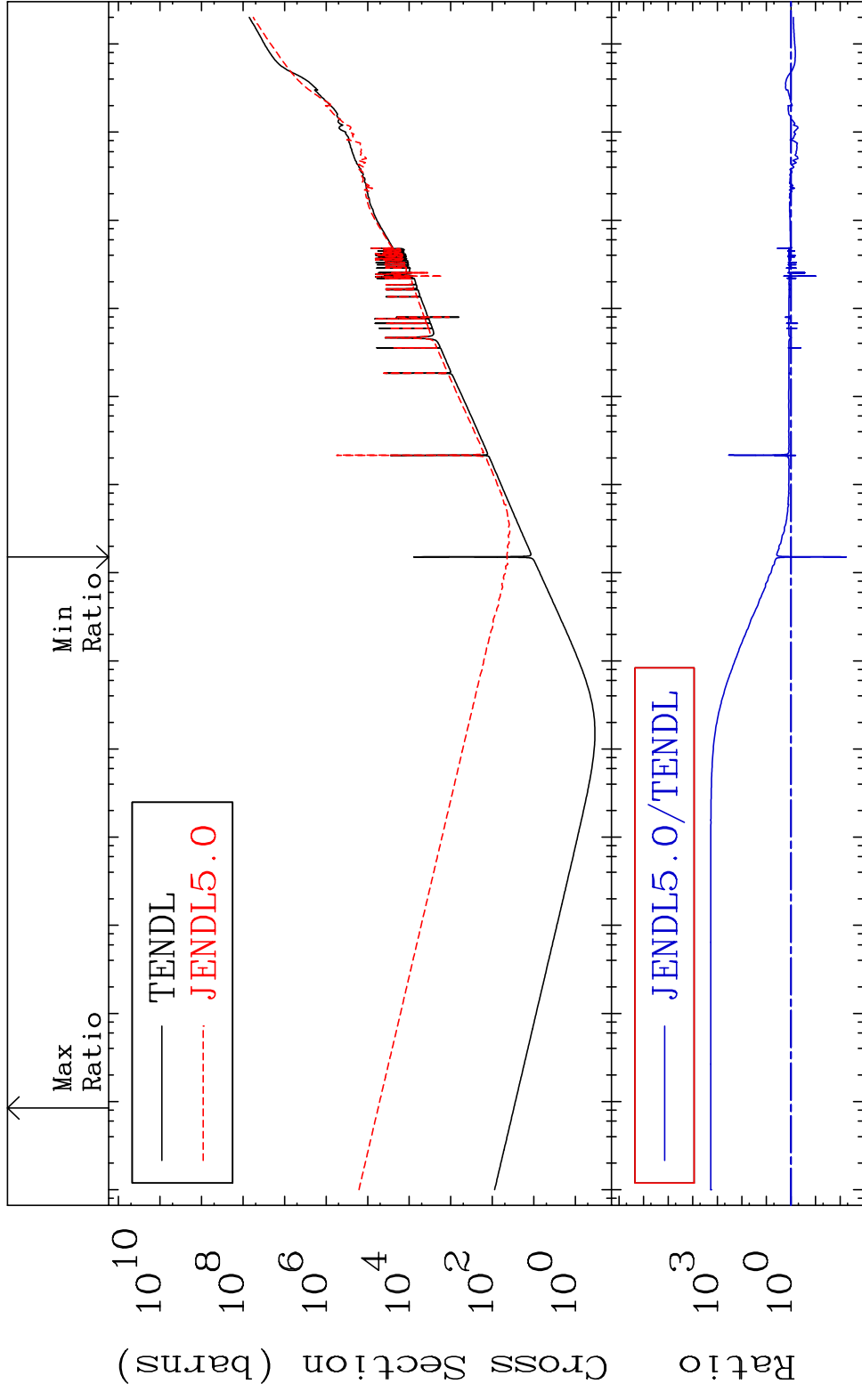
He-4 Production

54-Xe-136

Cross Section -100.0 To 9999. %



MAT 5461 Kerma total (eV-barns) 54-Xe-136
 Cross Section -99.44 To 9999. %



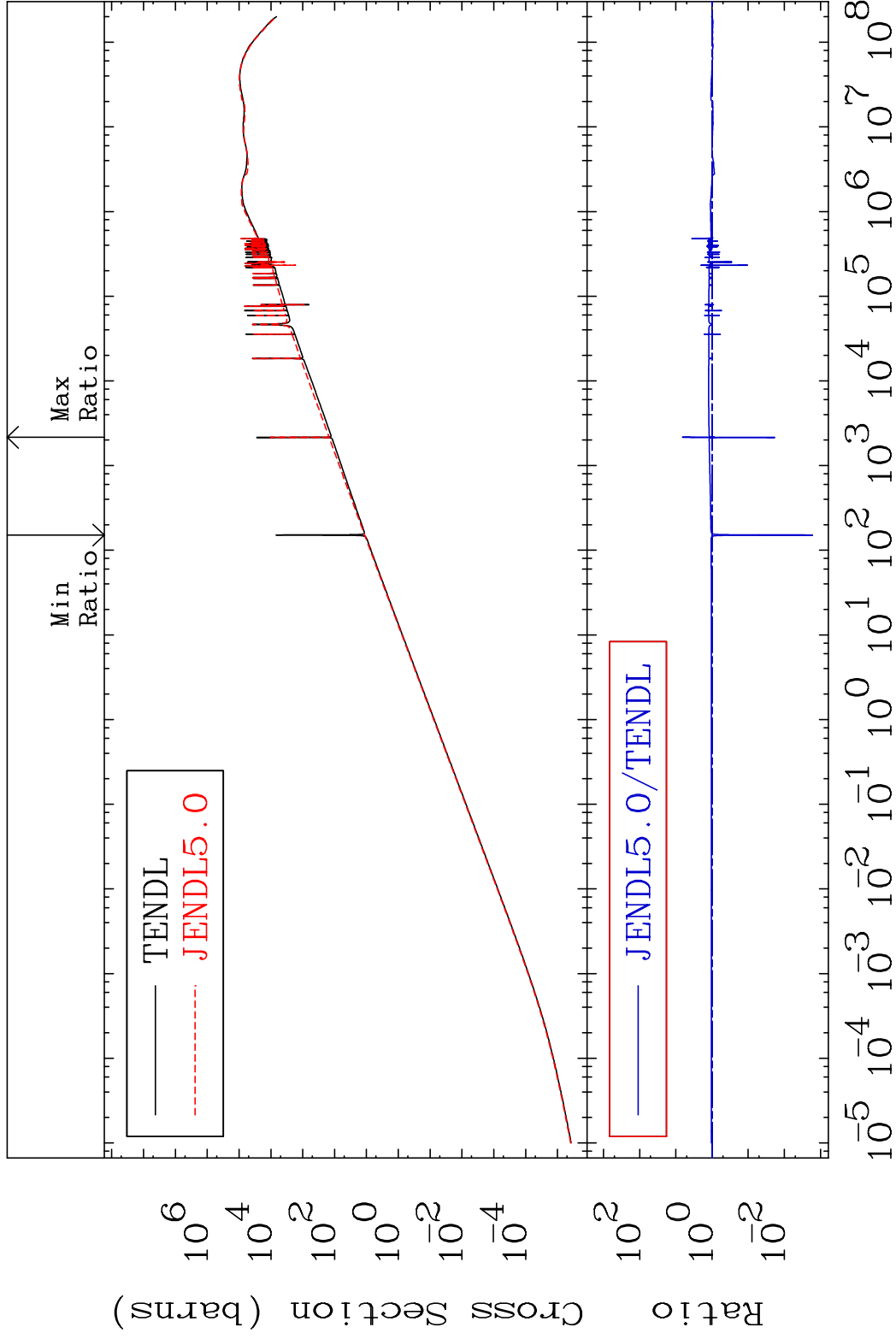
Ratio
 10³
 10⁰
 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
 Incident Energy (eV)

MAT 5461

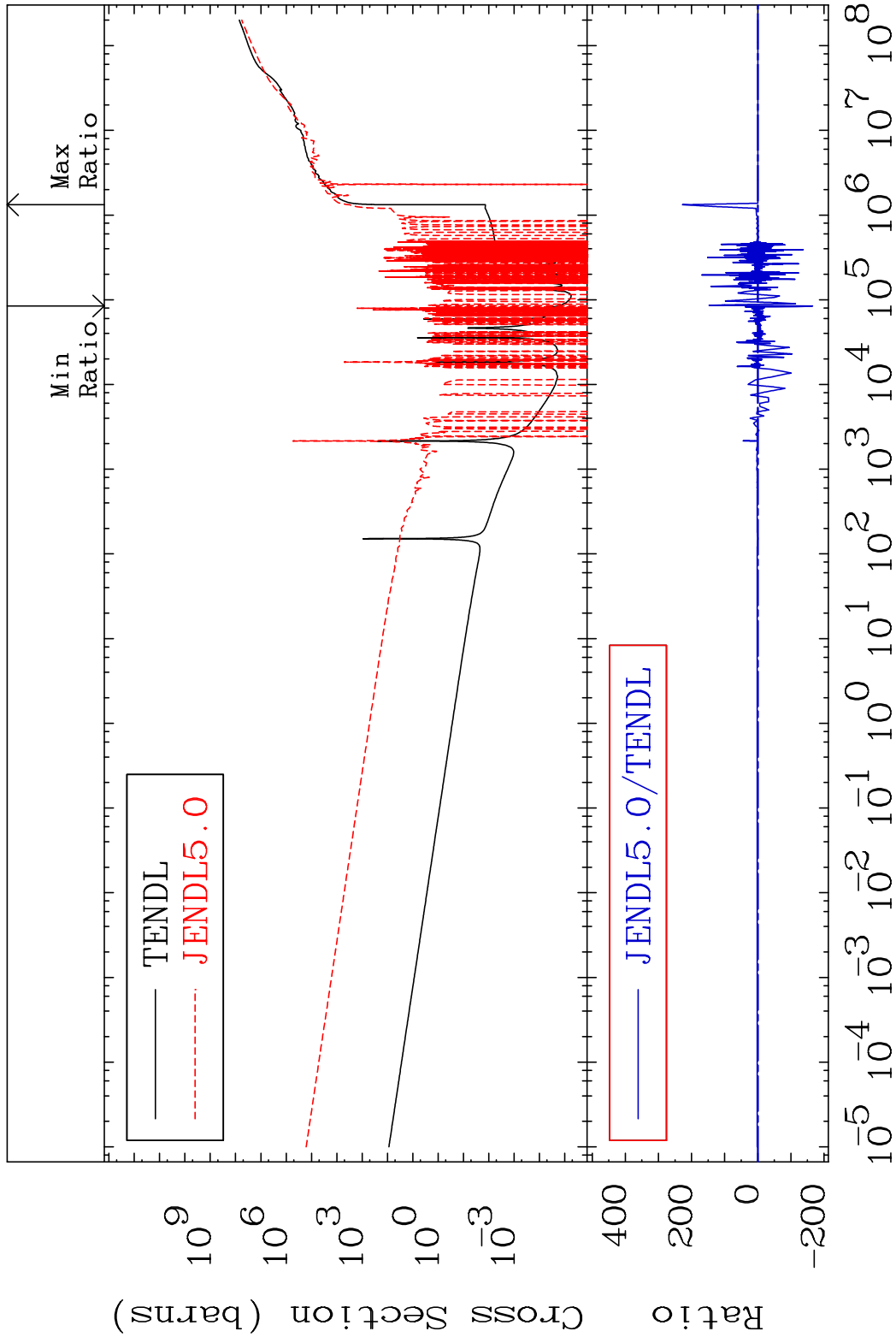
Kerma elastic

54-Xe-136

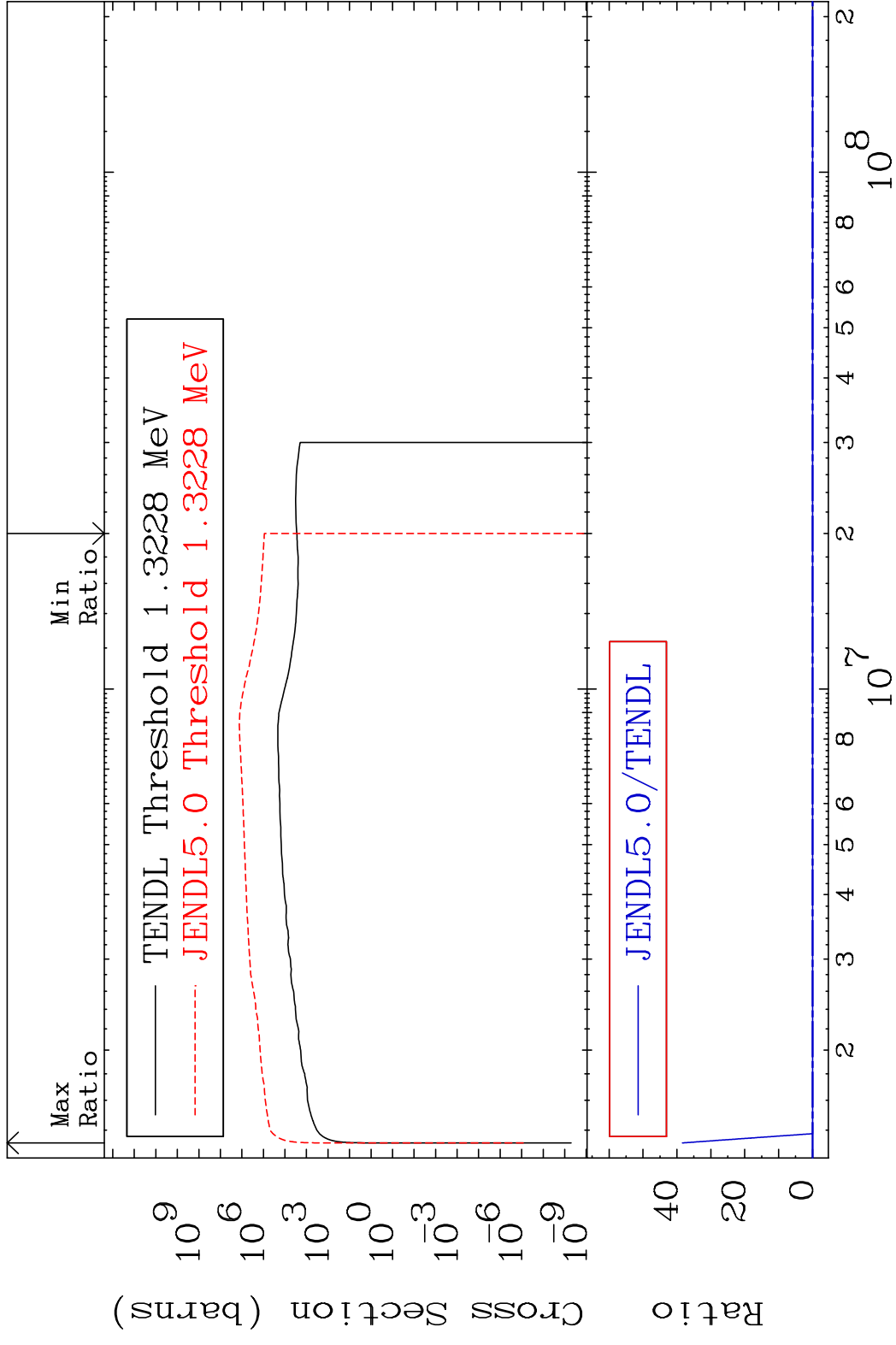
Cross Section -99.83 To 559.5 %



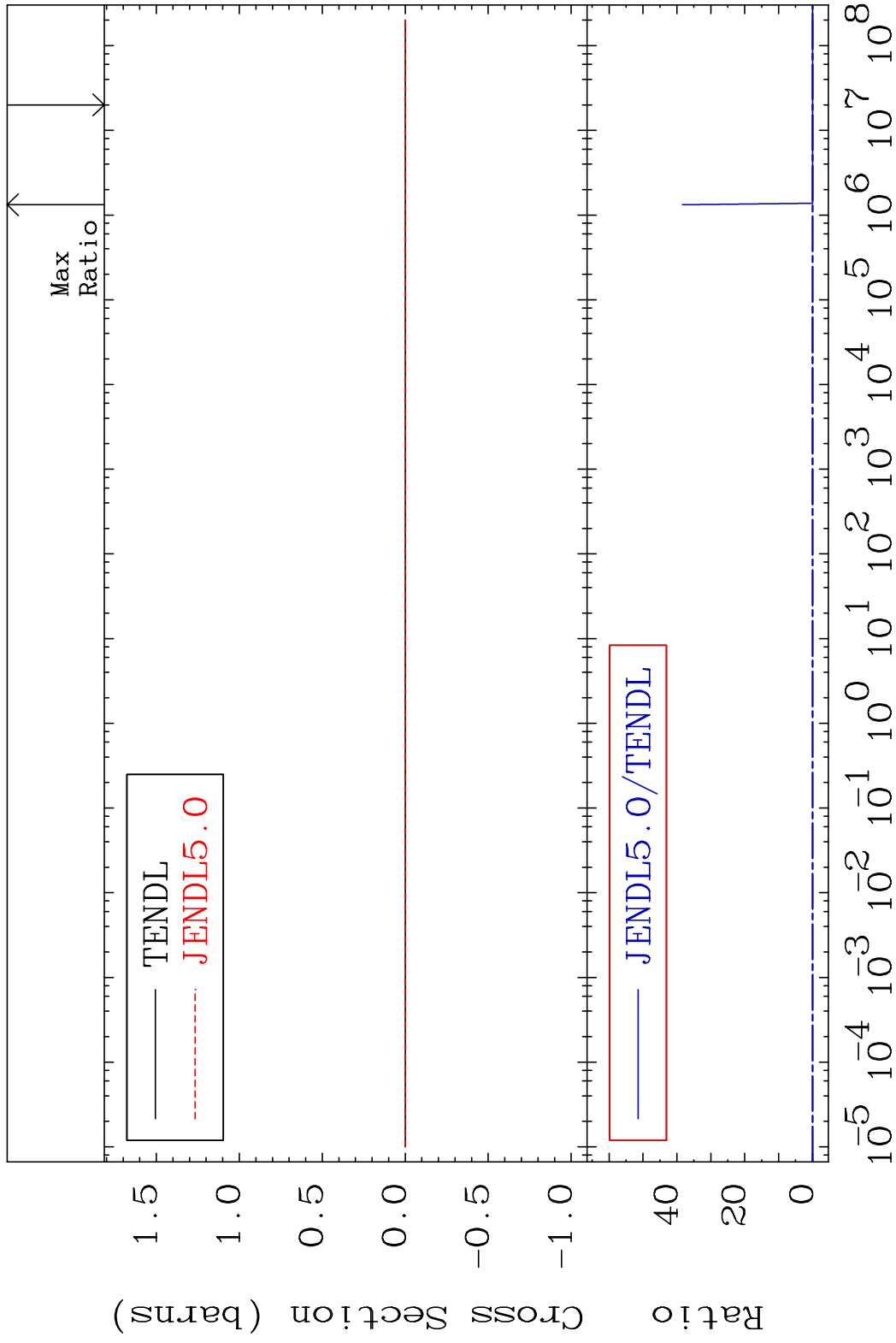
MAT 5461 Kerma non-elastic (all but mt2) 54-Xe-136
Cross Section -9999. To 9999. %



MAT 5461 Kerma inelastic (mt51-91) 54-Xe-136
 Cross Section -100.0 To 9999. %



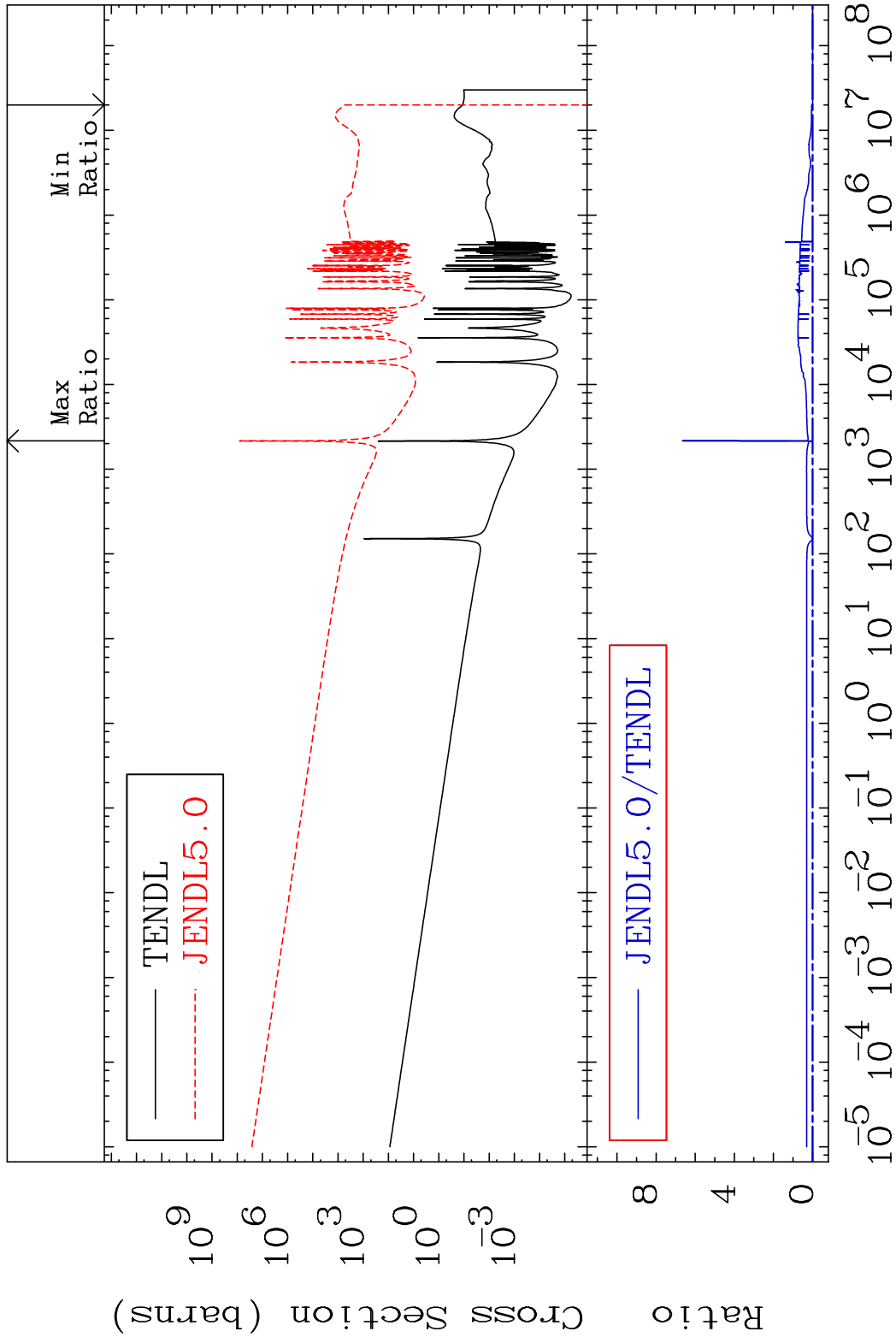
MAT 5461 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-136
 Cross Section -100.0 To 9999. %



MAT 5461

Kerma capture (mt102) 54-Xe-136

Cross Section -100.0 To 9999. %

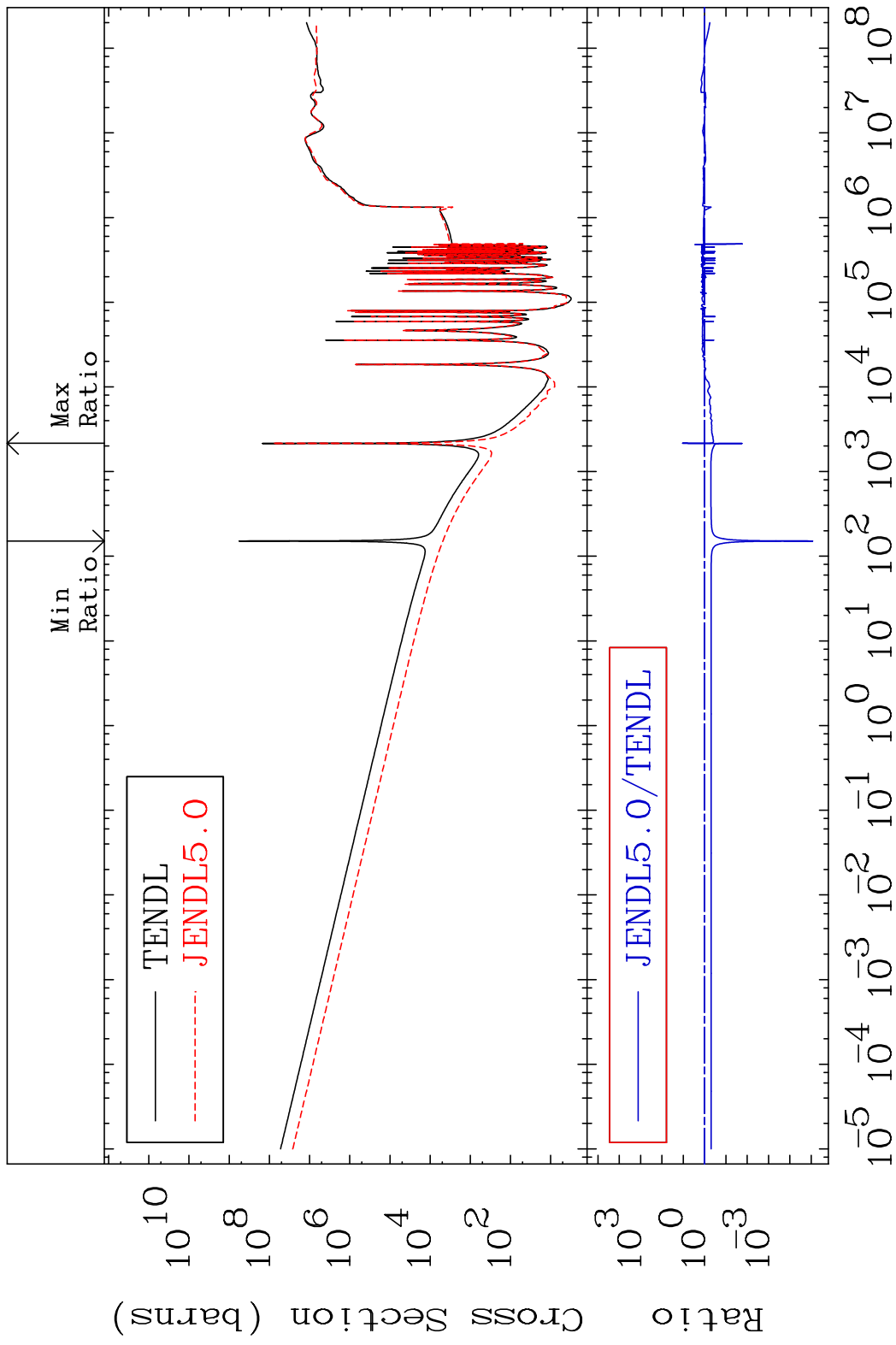


38

Incident Energy (eV)

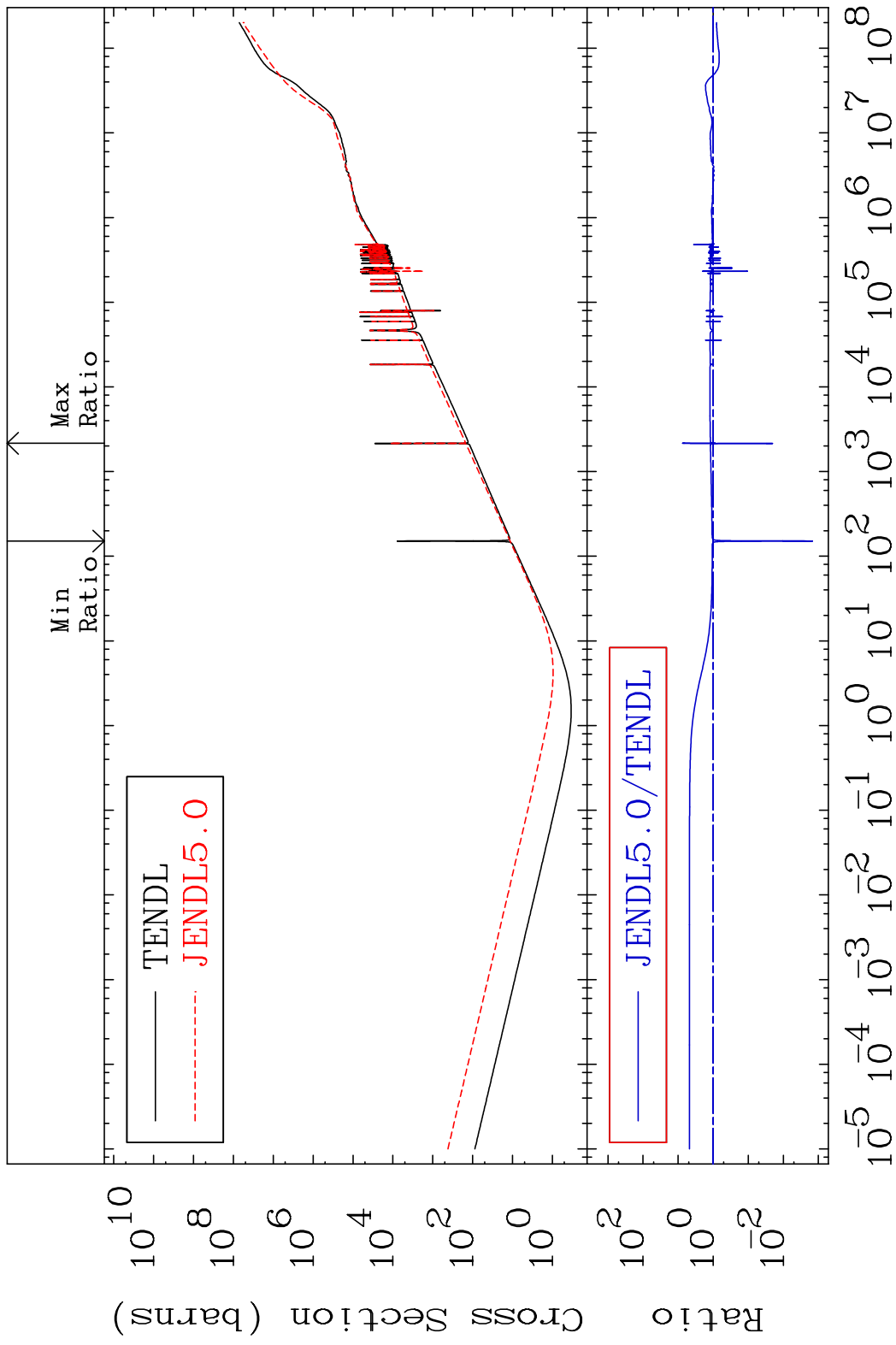
54-Xe-136

MAT 5461 Total photon (eV-barns) 54-Xe-136
 Cross Section -100.0 To 1002. %



39 Incident Energy (eV) 54-Xe-136

MAT 5461 Total kinematic kerma (high limit) 54-Xe-136
 Cross Section -99.85 To 656.8 %



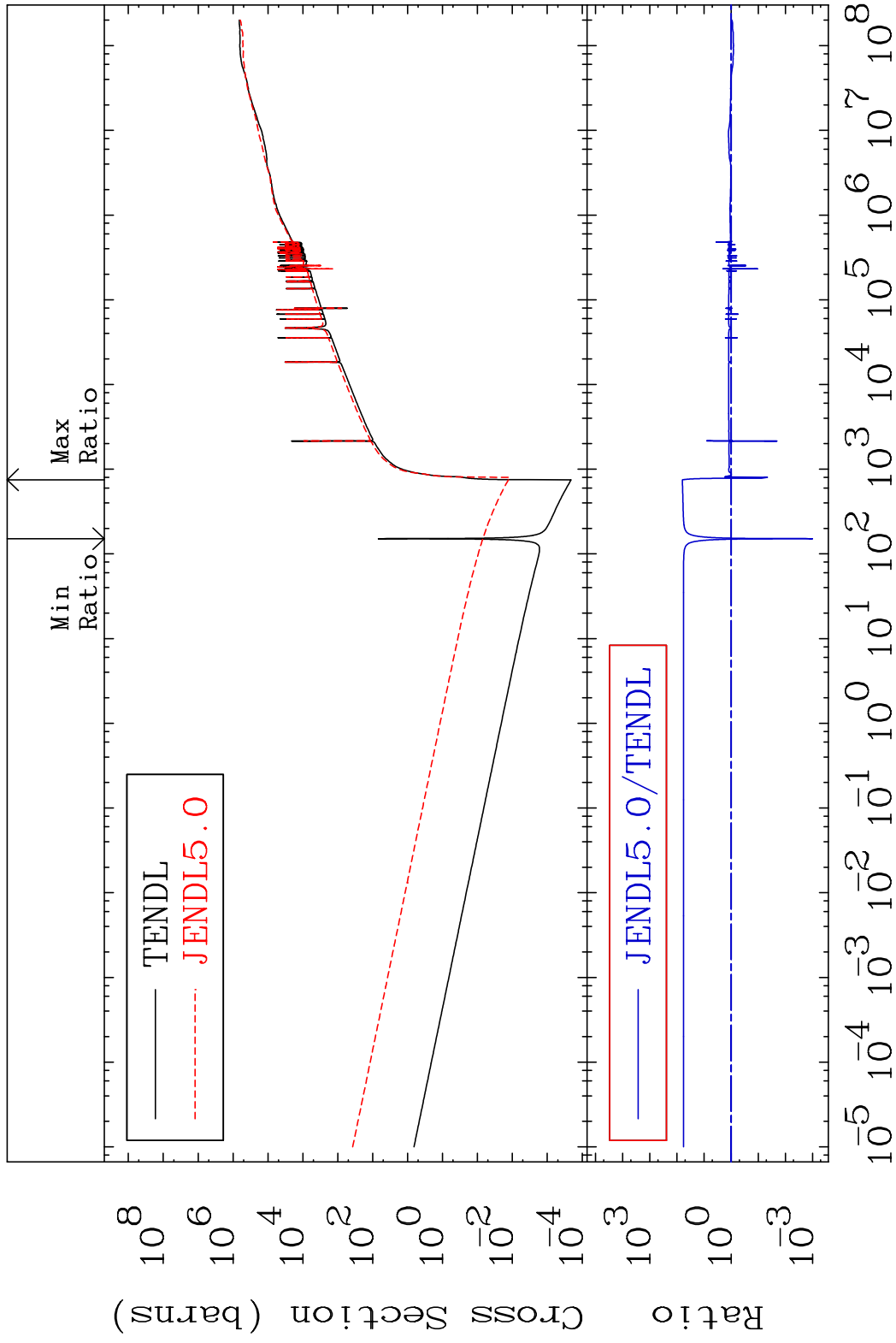
40 Incident Energy (eV) 54-Xe-136

MAT 5461

Dpa total (eV-barns)

54-Xe-136

Cross Section -99.90 To 6173. %



41

Incident Energy (eV)

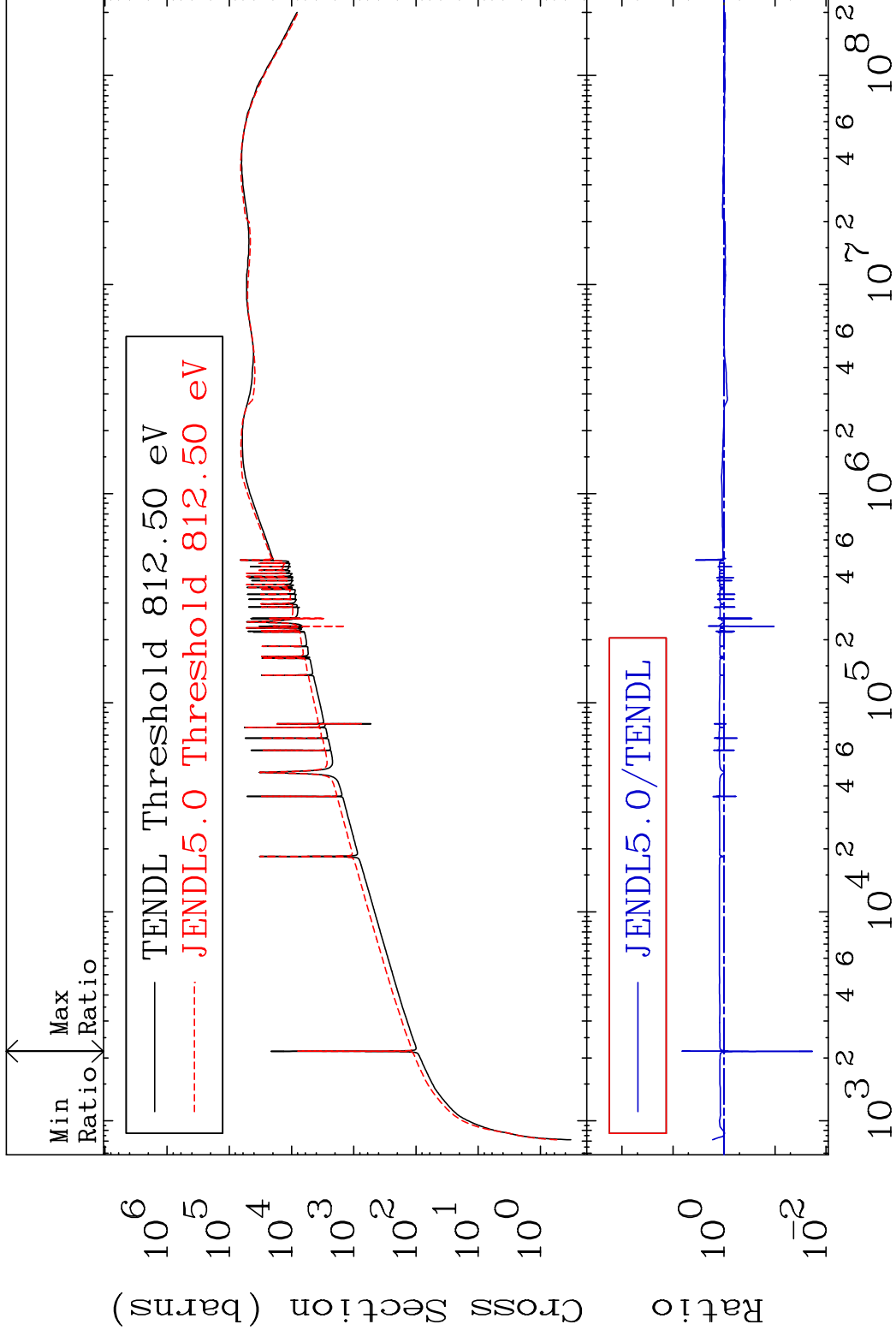
54-Xe-136

MAT 5461

Dpa elastic (mt2)

54-Xe-136

Cross Section -98.16 To 562.5 %

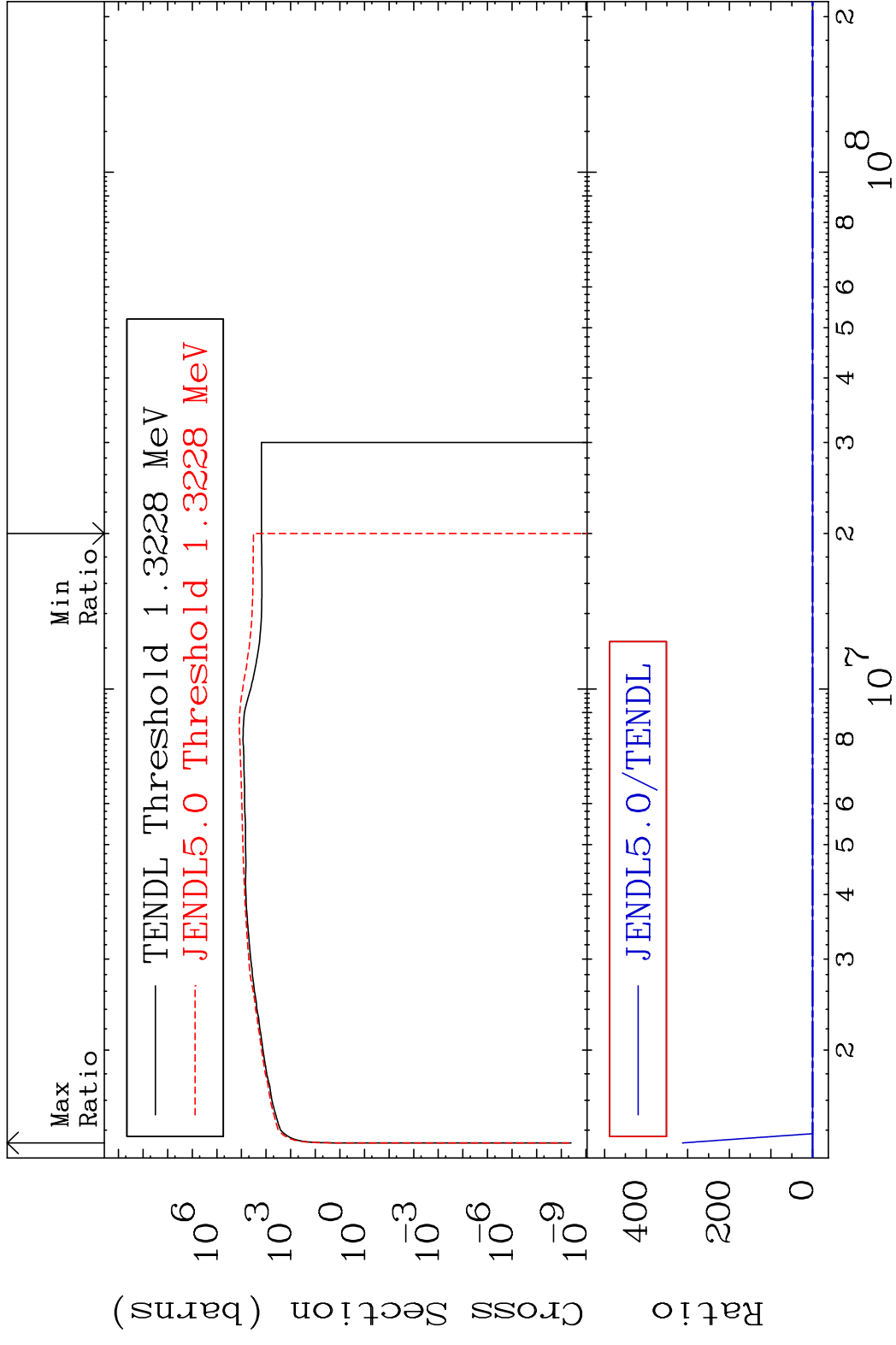


42

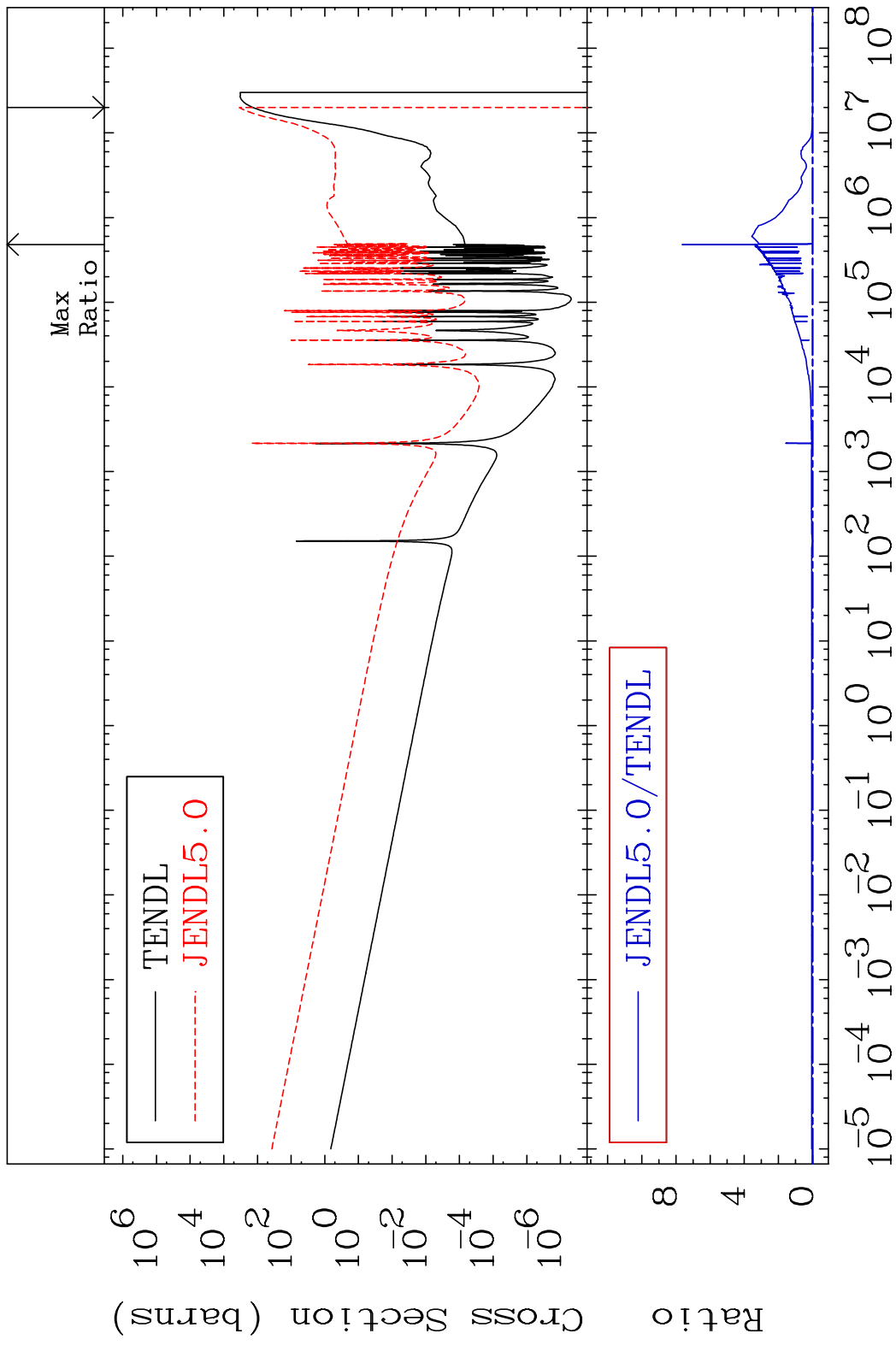
Incident Energy (eV)

54-Xe-136

MAT 5461 Dpa inelastic (mt51-91) 54-Xe-136
 Cross Section -100.0 To 9999. %



MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136
 Cross Section -100.0 To 9999. %



MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136
 Cross Section -99.99 To 9999. %

