

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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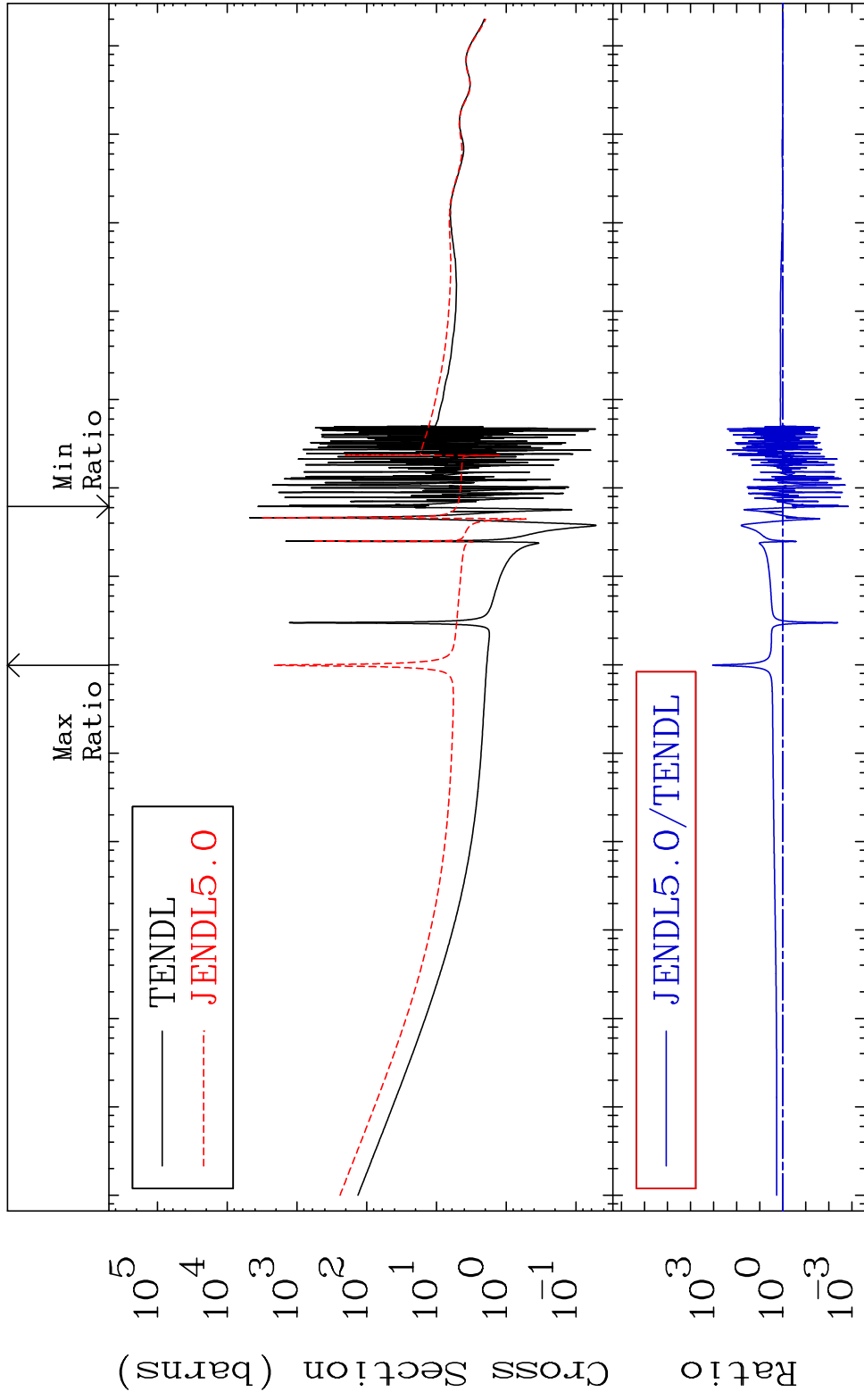
Press Mouse Button to Start

MAT 5431

Total

54-Xe-126

Cross Section -99.86 To 9999. %



1

Incident Energy (eV)

54-Xe-126

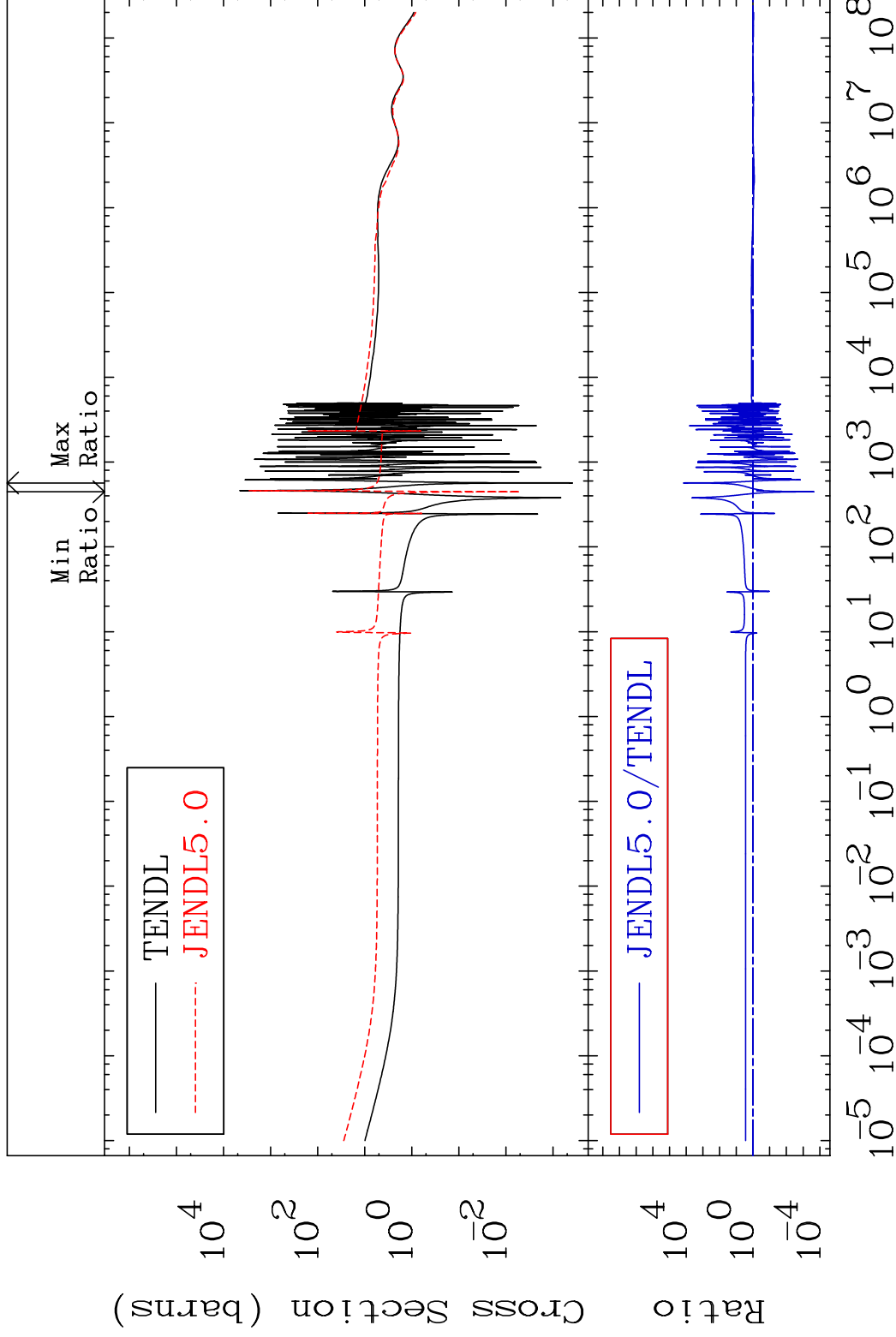
MAT 5431

Elastic

54-Xe-126

Cross Section

-99.98 To 9999. %



2

Incident Energy (eV)

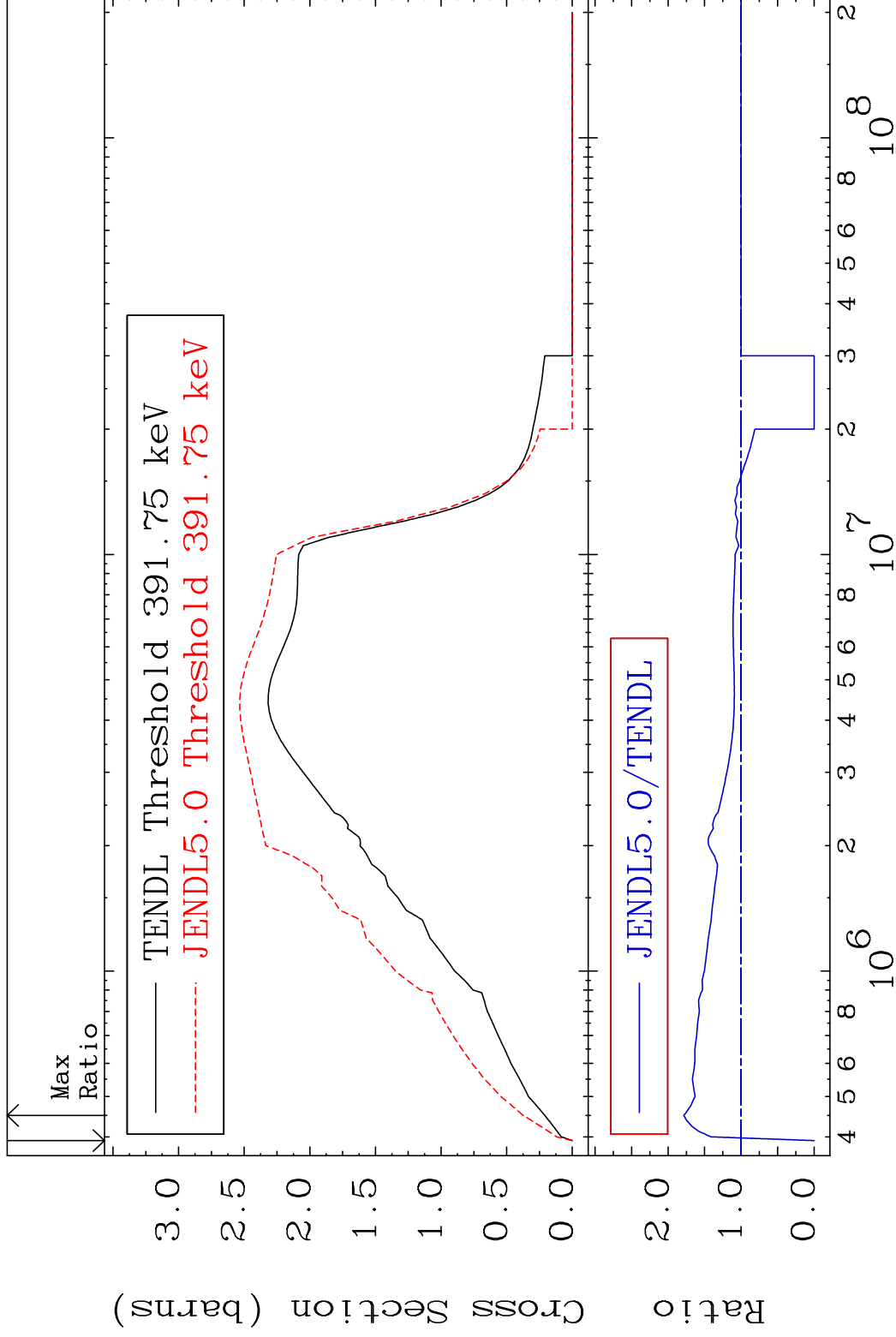
54-Xe-126

MAT 5431

Inelastic

54-Xe-126

Cross Section -100.0 To 78.67 %



3

Incident Energy (eV)

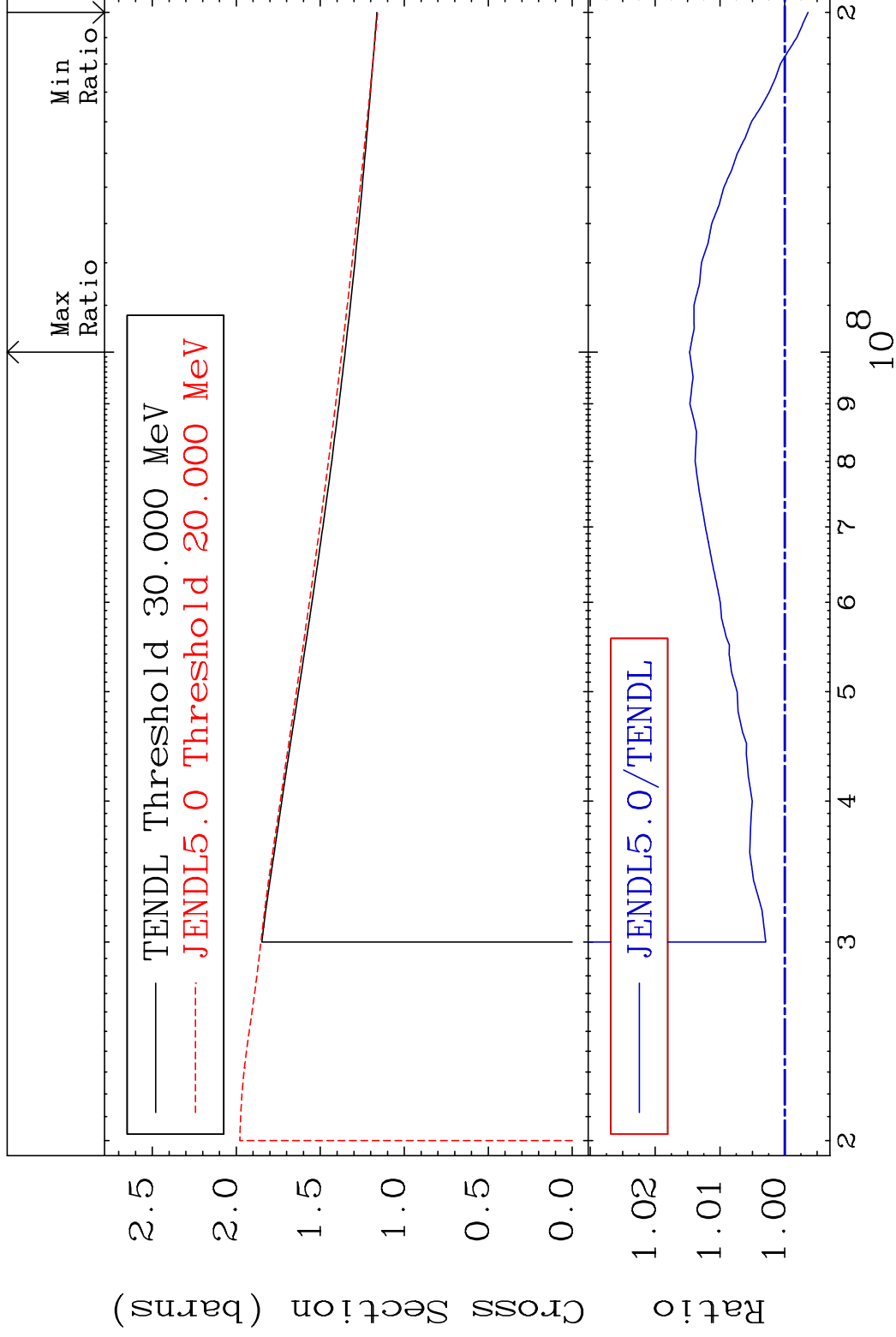
54-Xe-126

MAT 5431

(n, remainder)

54-Xe-126

Cross Section -0.359 To 1.466 %



4

Incident Energy (eV)

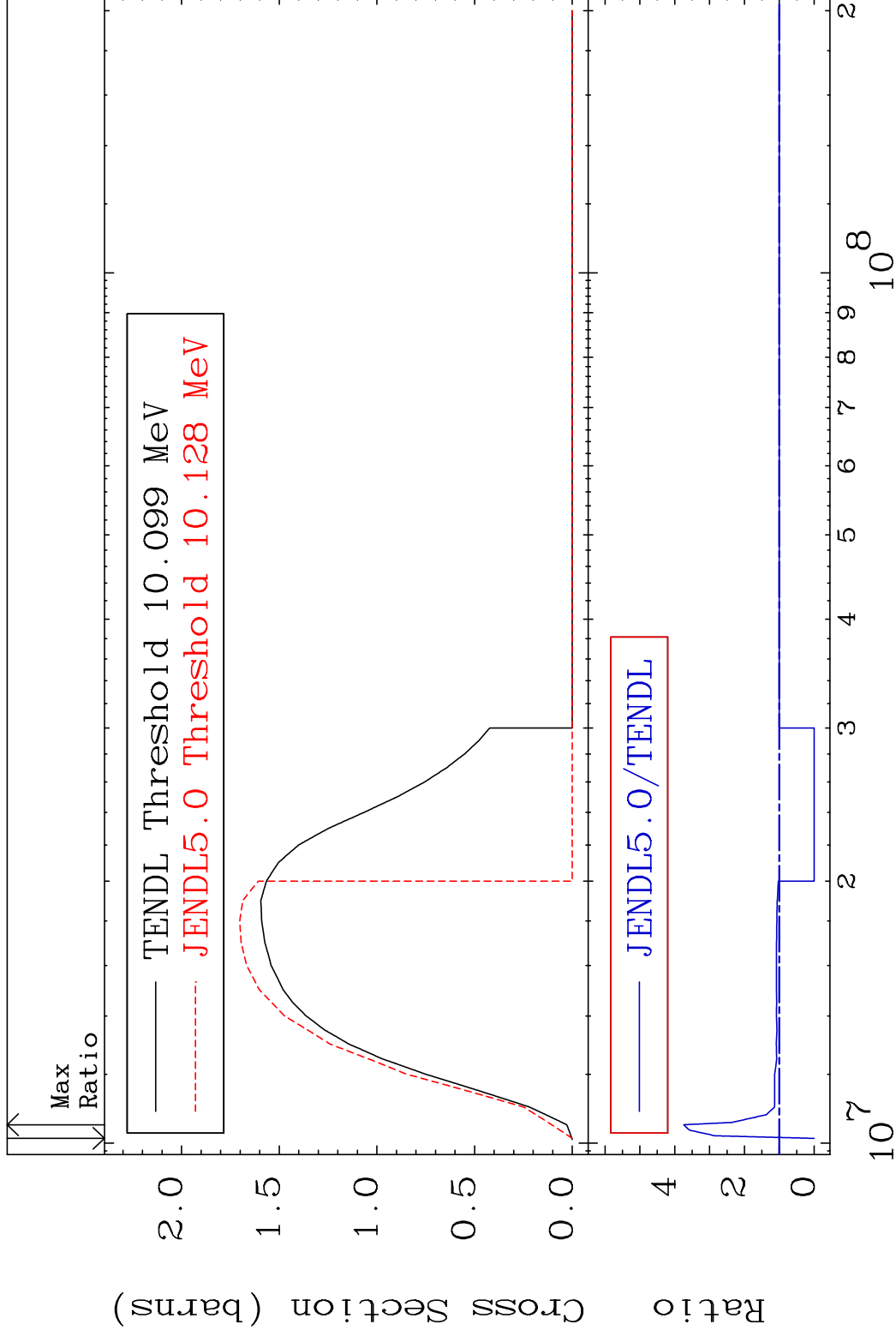
54-Xe-126

MAT 5431

(n,2n)

54-Xe-126

Cross Section -100.0 To 274.4 %



5

Incident Energy (eV)

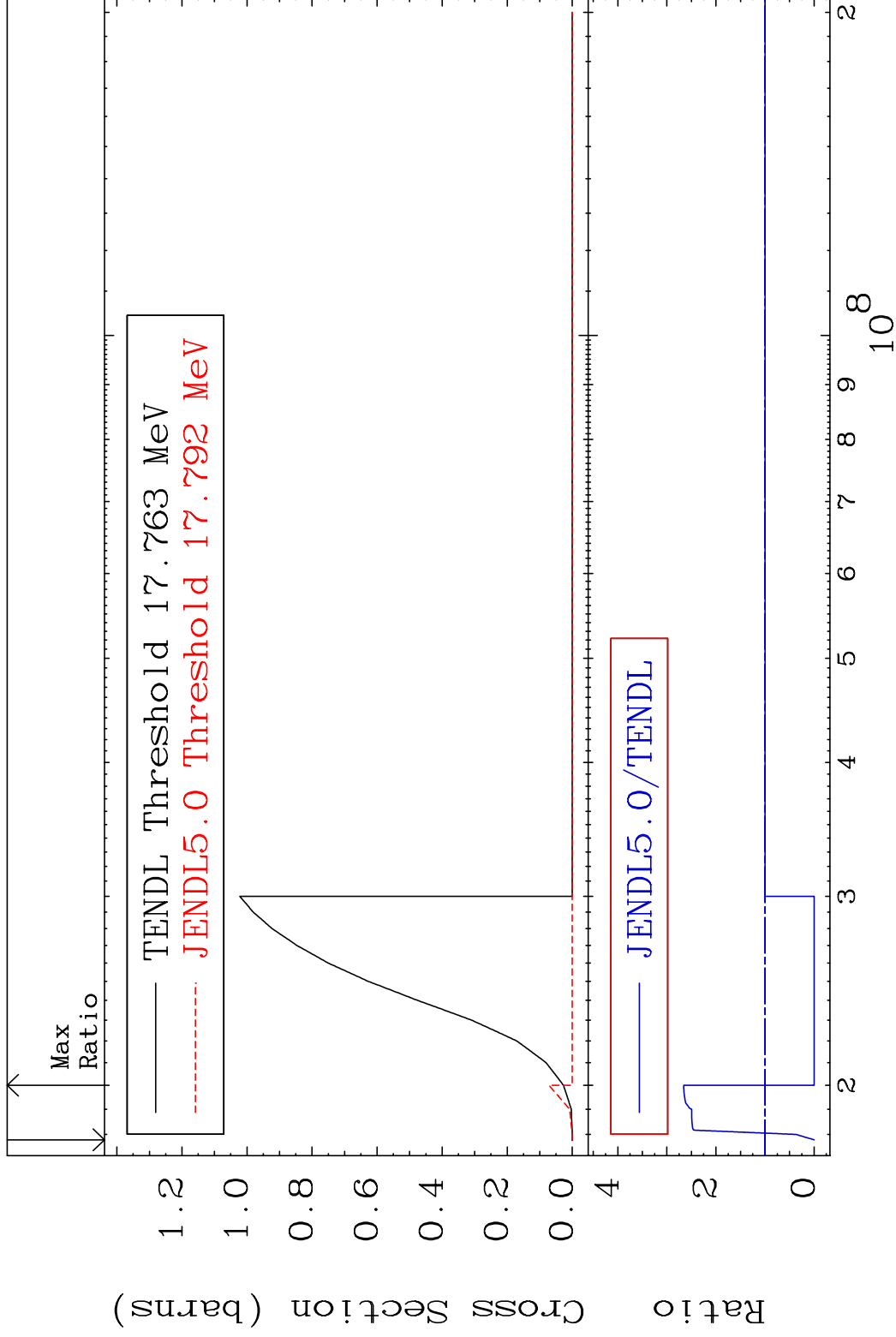
54-Xe-126

MAT 5431

(n,3n)

54-Xe-126

Cross Section -100.0 To 165.8 %



6

Incident Energy (eV)

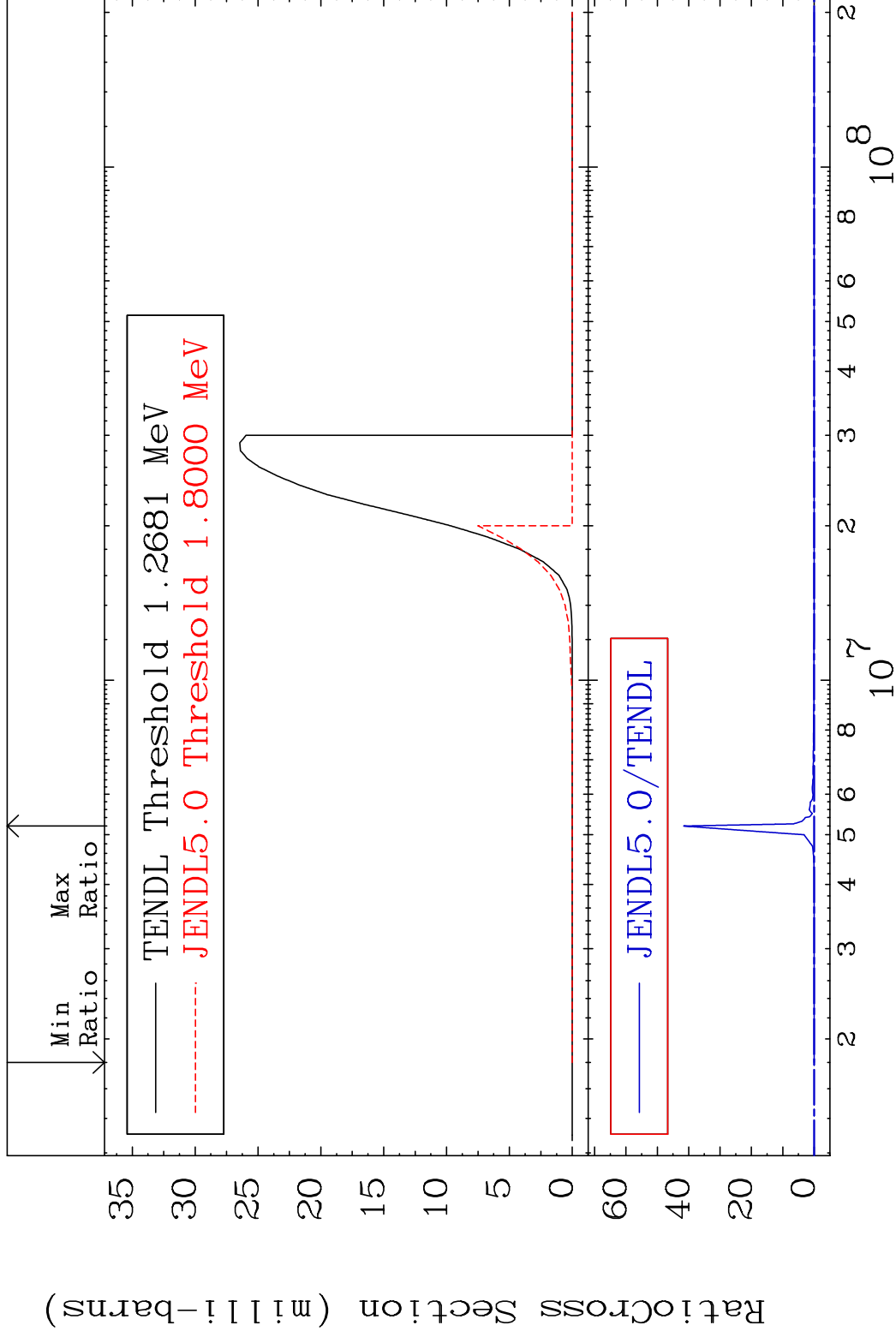
54-Xe-126

MAT 5431

(n, n') α

54-Xe-126

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

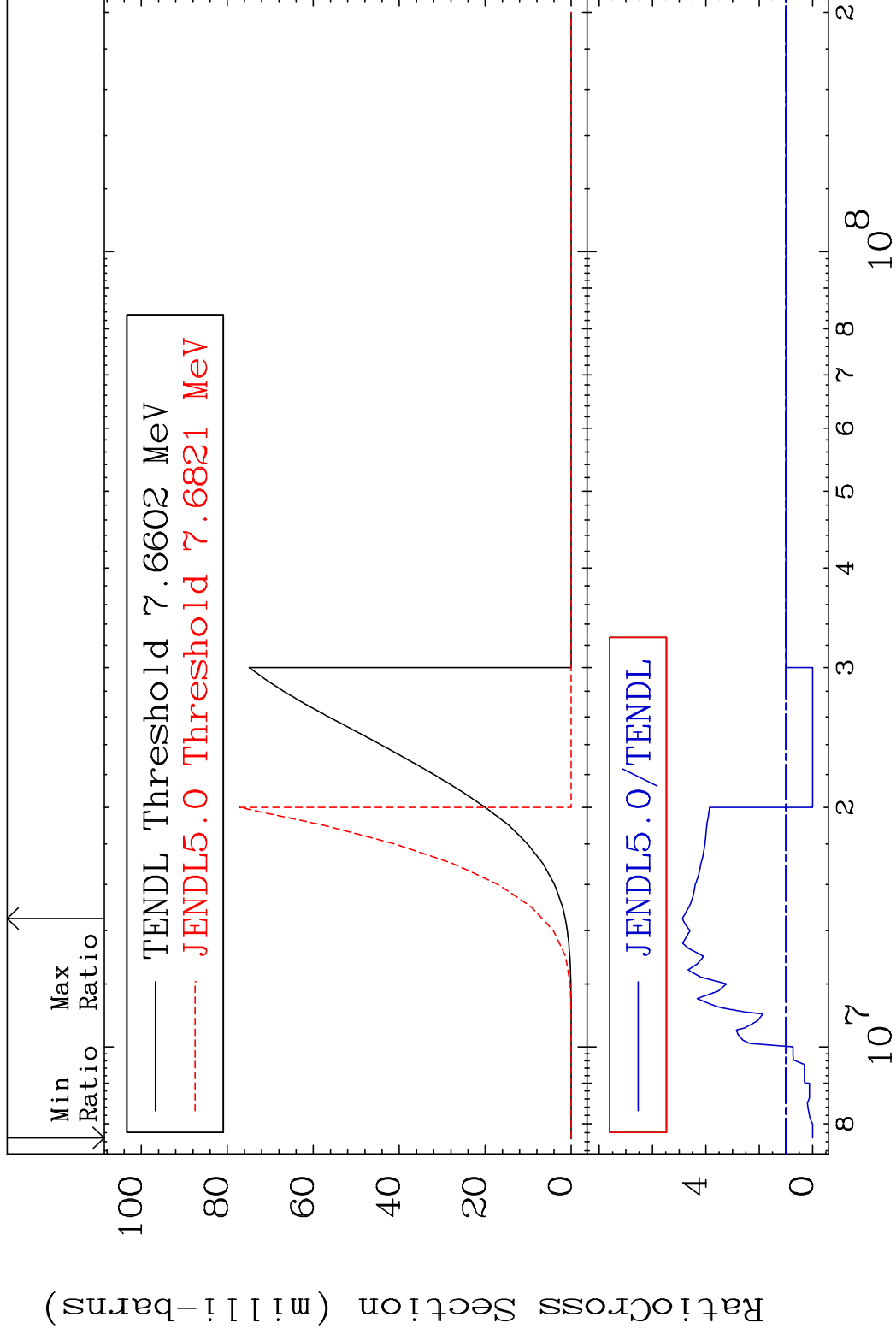
54-Xe-126

MAT 5431

(n, n') p

54-Xe-126

Cross Section -100.0 To 388.1 %



8

Incident Energy (eV)

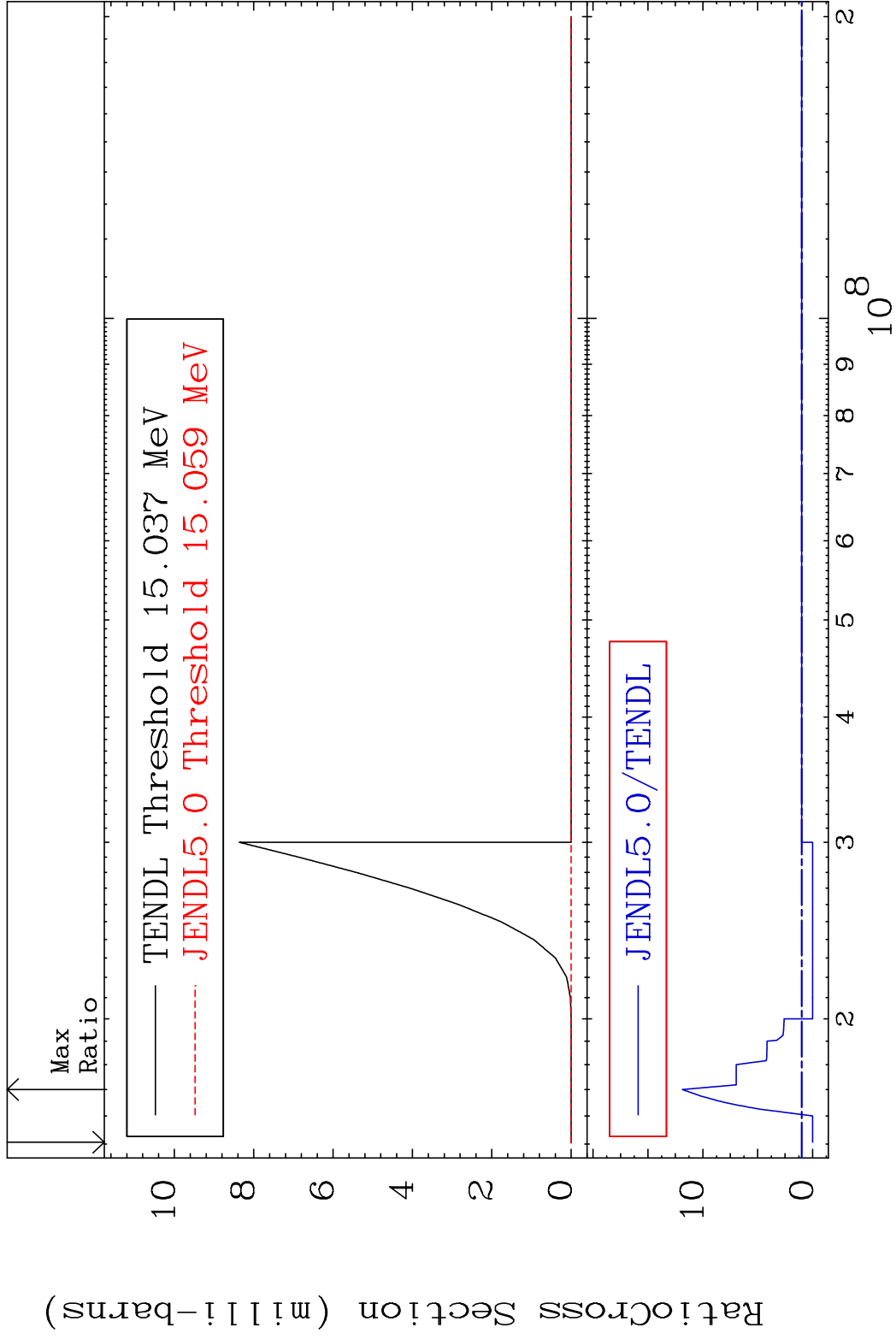
54-Xe-126

MAT 5431

(n, n') d

54-Xe-126

Cross Section -100.0 To 1086. %

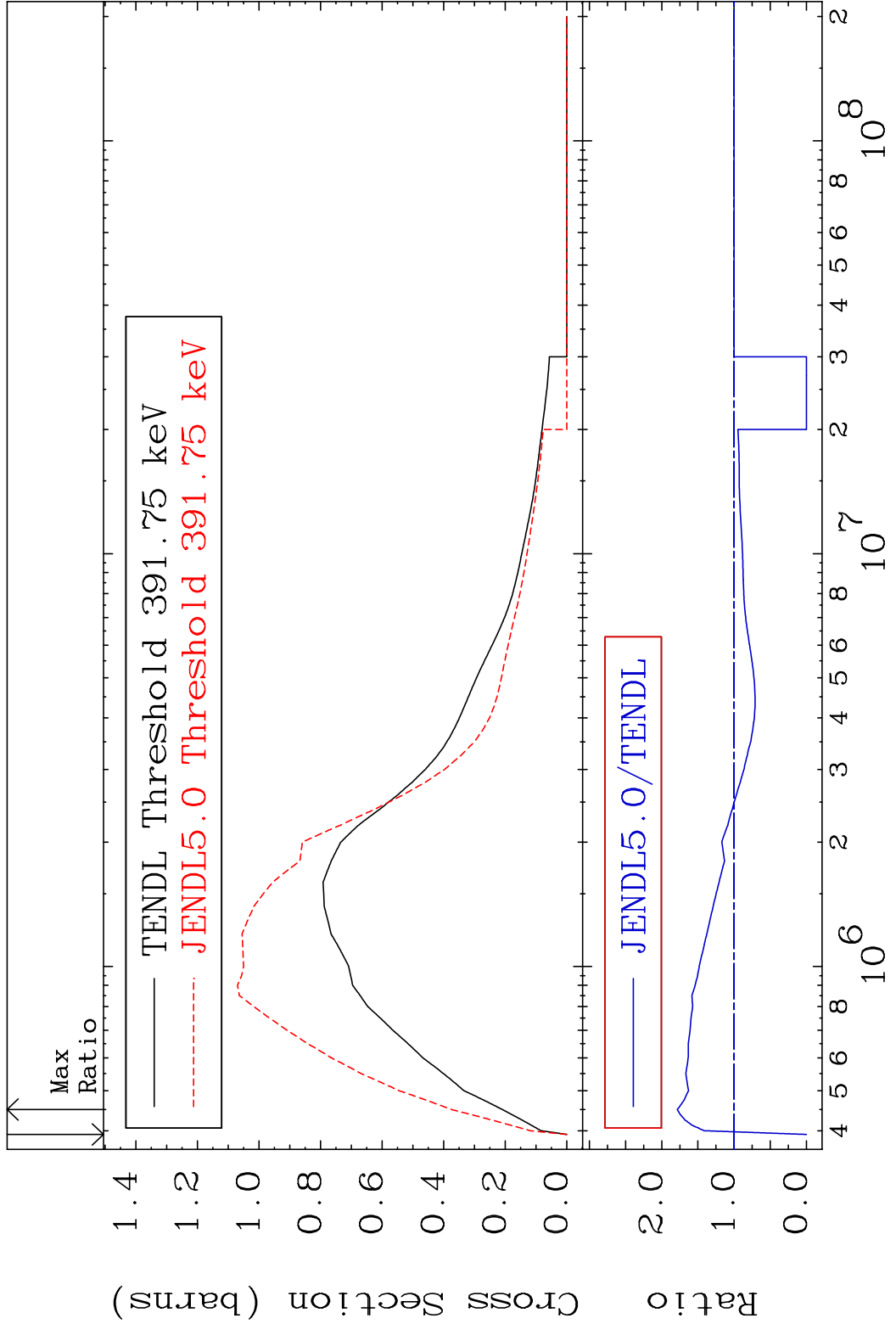


9

Incident Energy (eV)

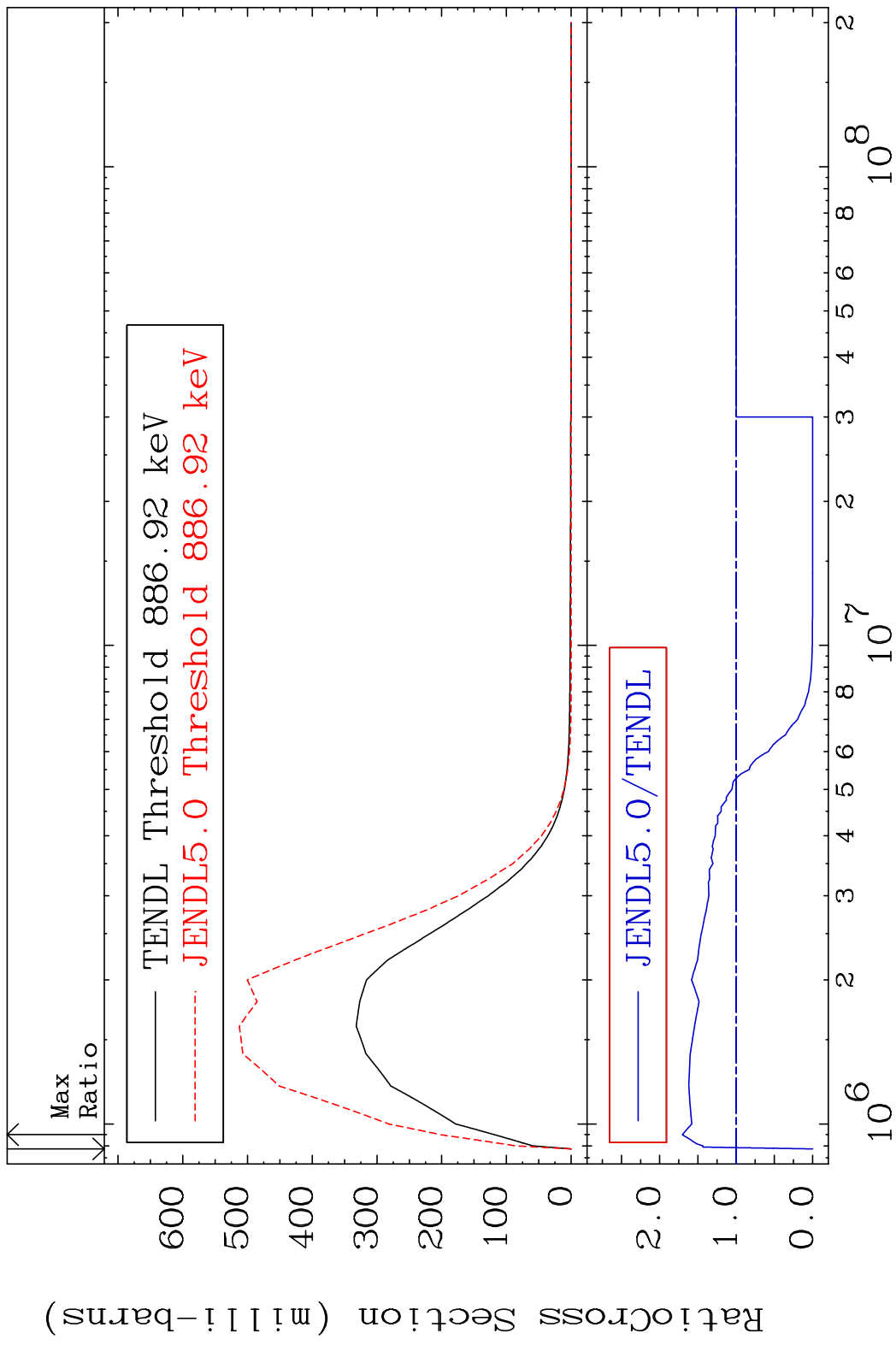
54-Xe-126

MAT 5431 MT= 51 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 78.67 %

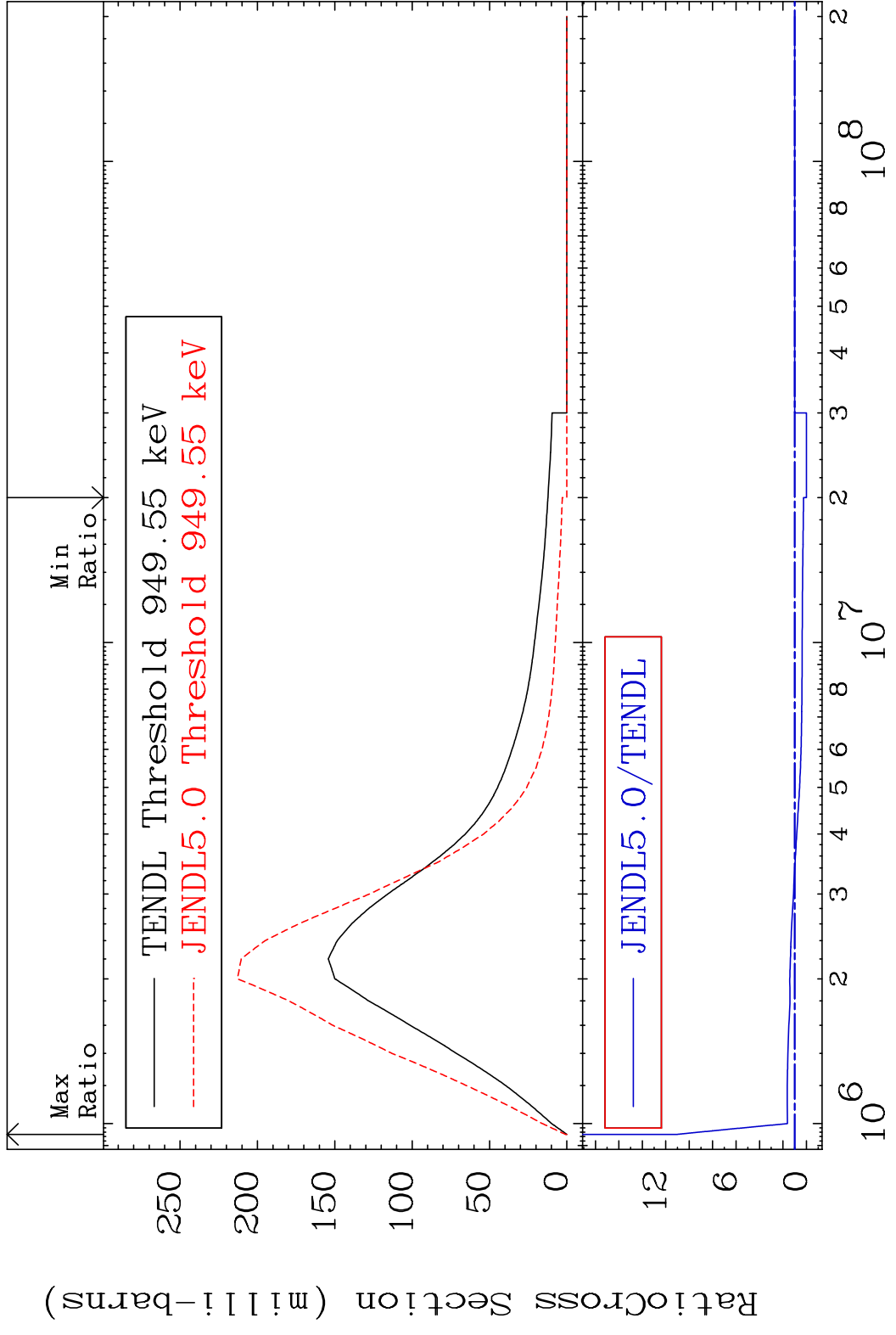


10 Incident Energy (eV) 54-Xe-126

MAT 5431 MT= 52 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 70.34 %

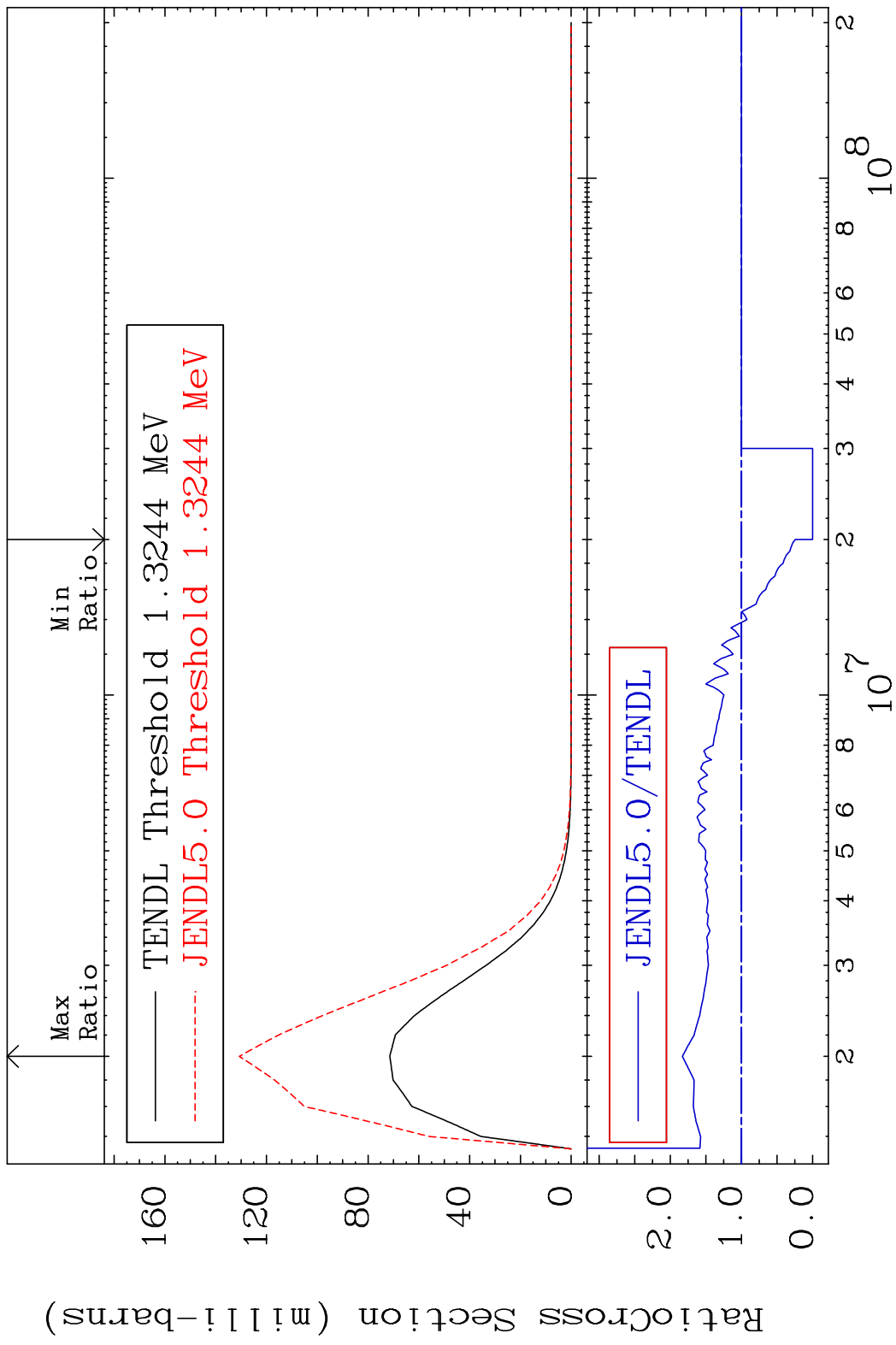


MAT 5431 MT= 53 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 1003. %

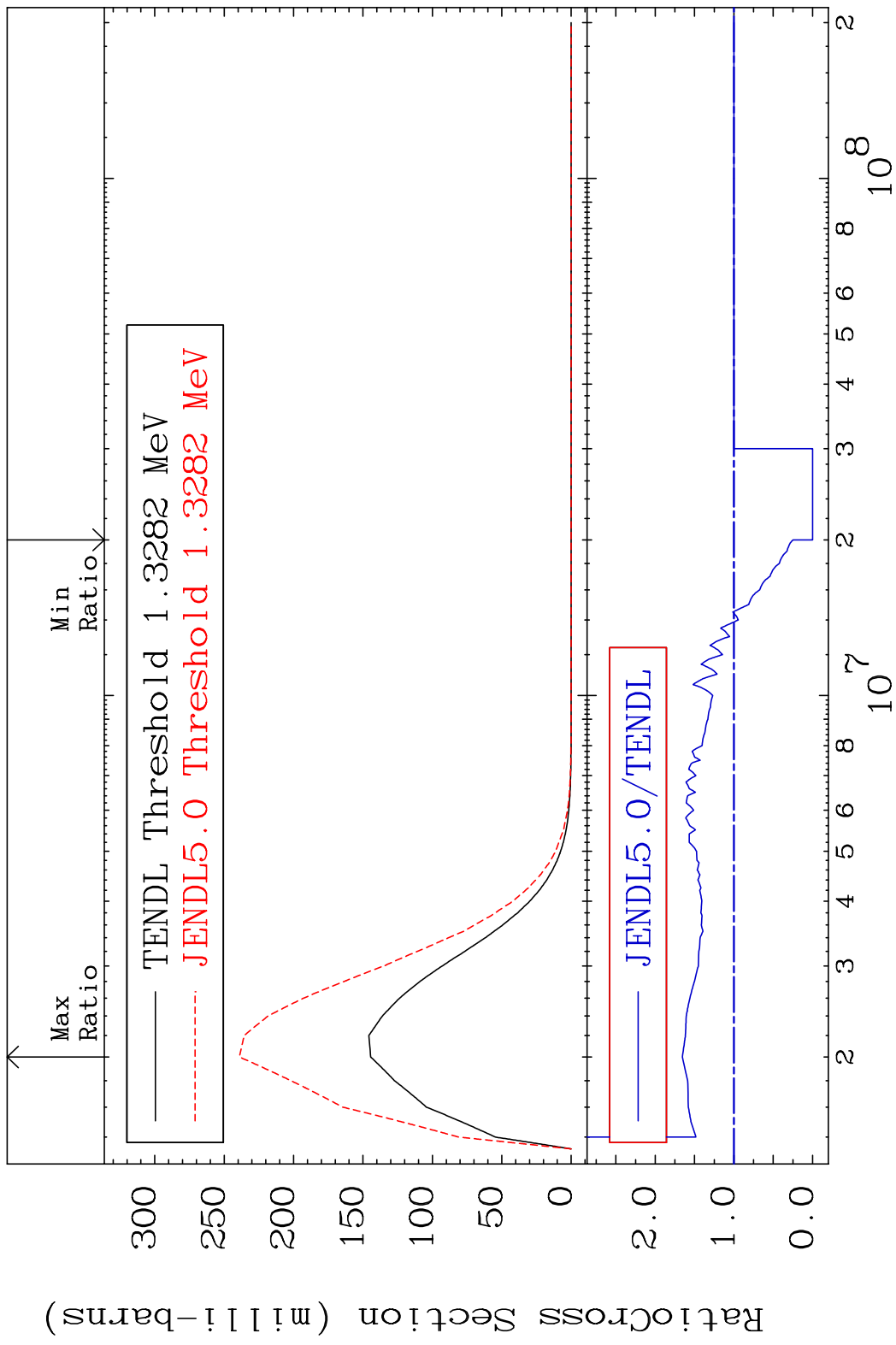


12 Incident Energy (eV) 54-Xe-126

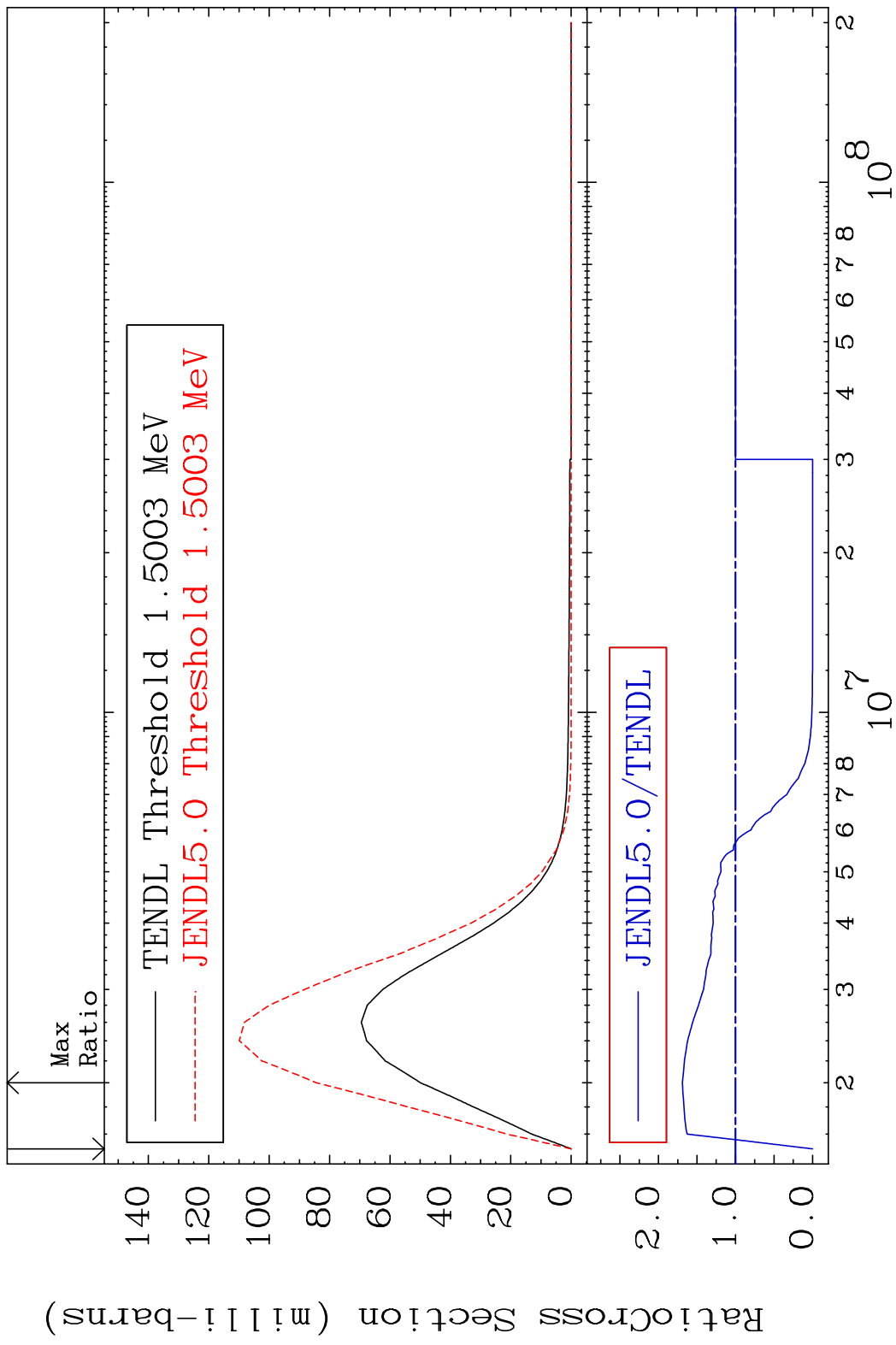
MAT 5431 MT= 54 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 82.95 %



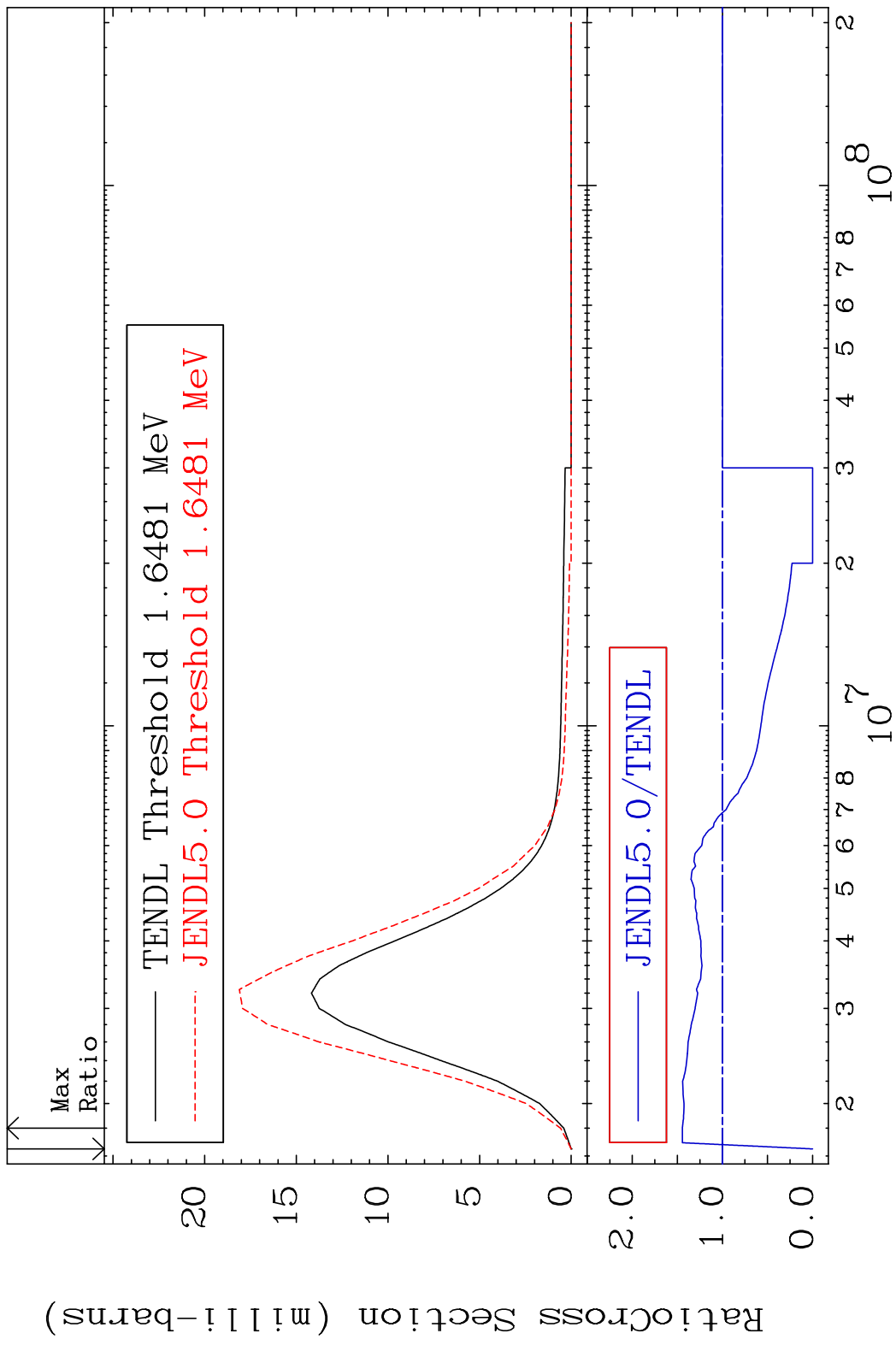
MAT 5431 MT= 55 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 65.50 %



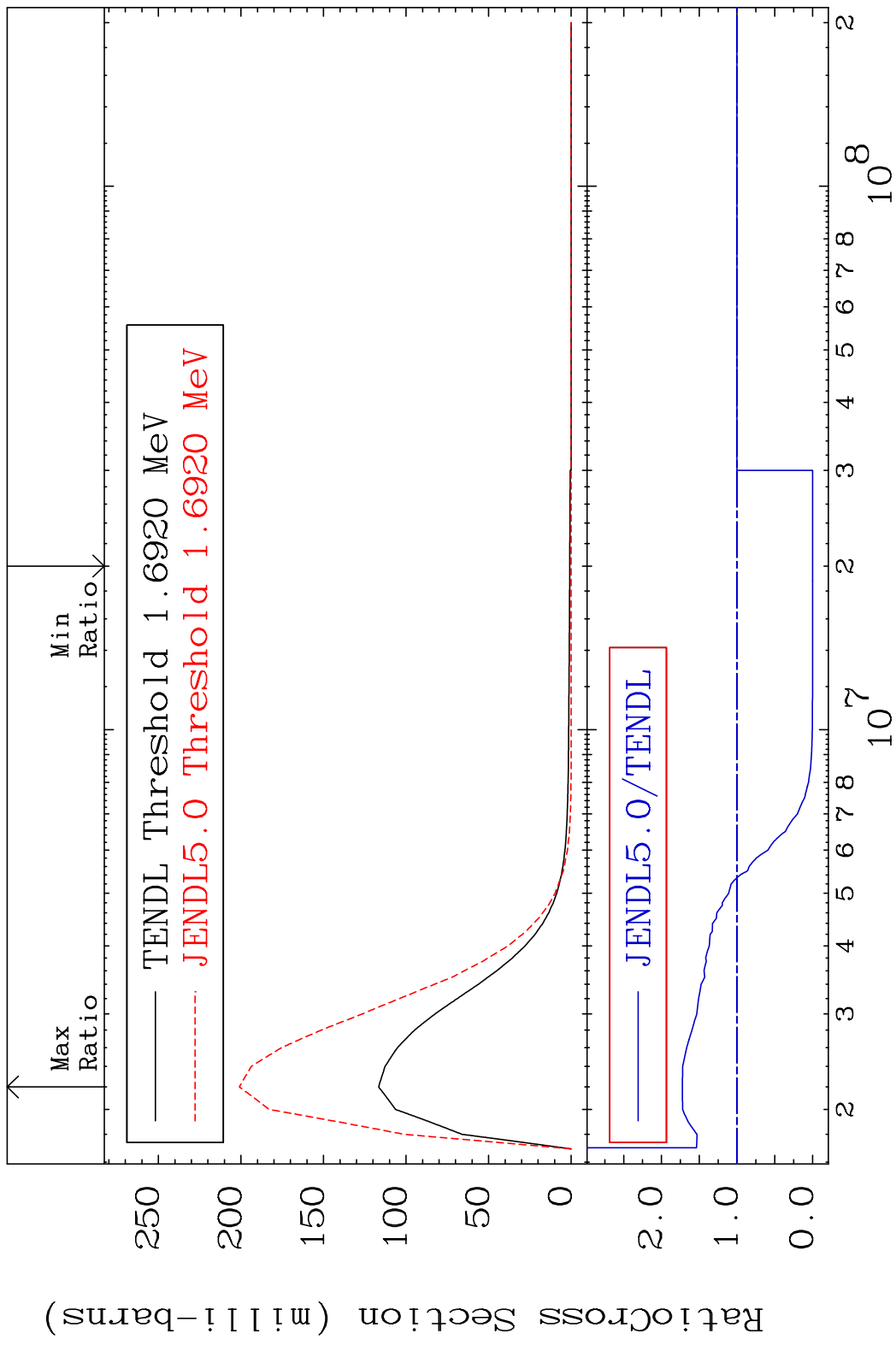
MAT 5431 MT= 56 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 69.00 %



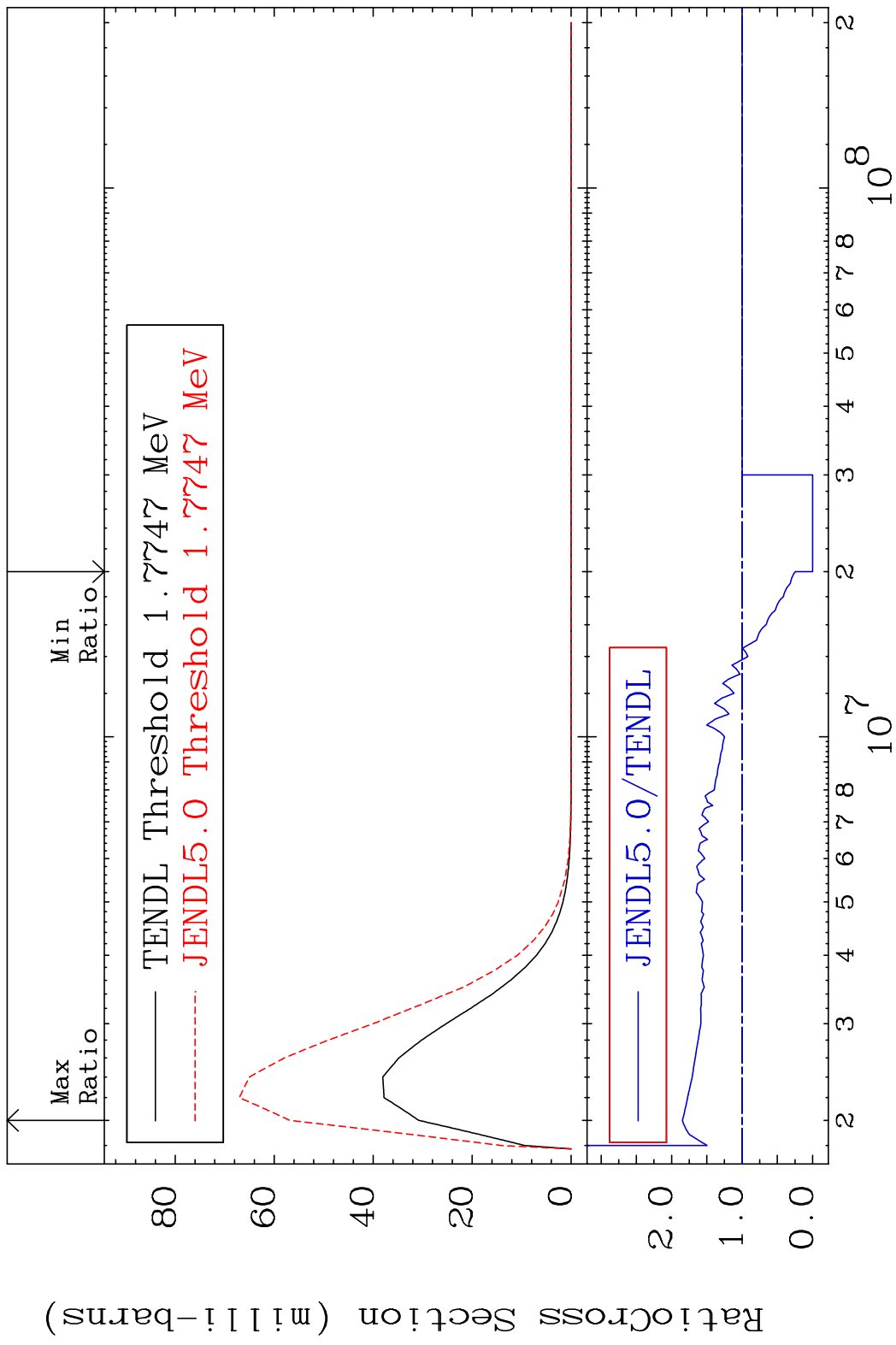
MAT 5431 MT= 57 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 44.48 %



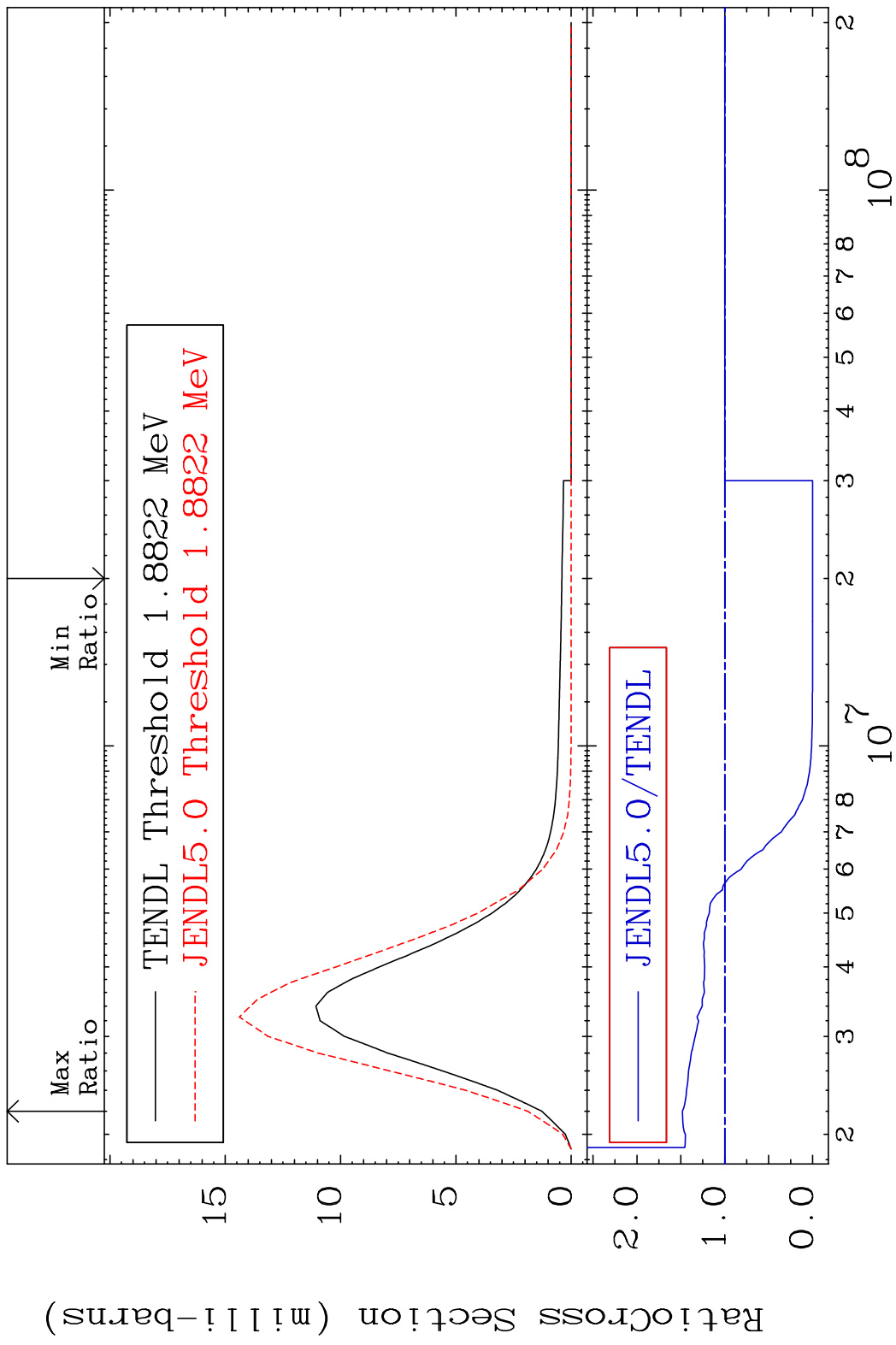
MAT 5431 MT= 58 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 72.33 %



MAT 5431 MT= 59 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 84.74 %



MAT 5431 MT= 60 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 48.28 %

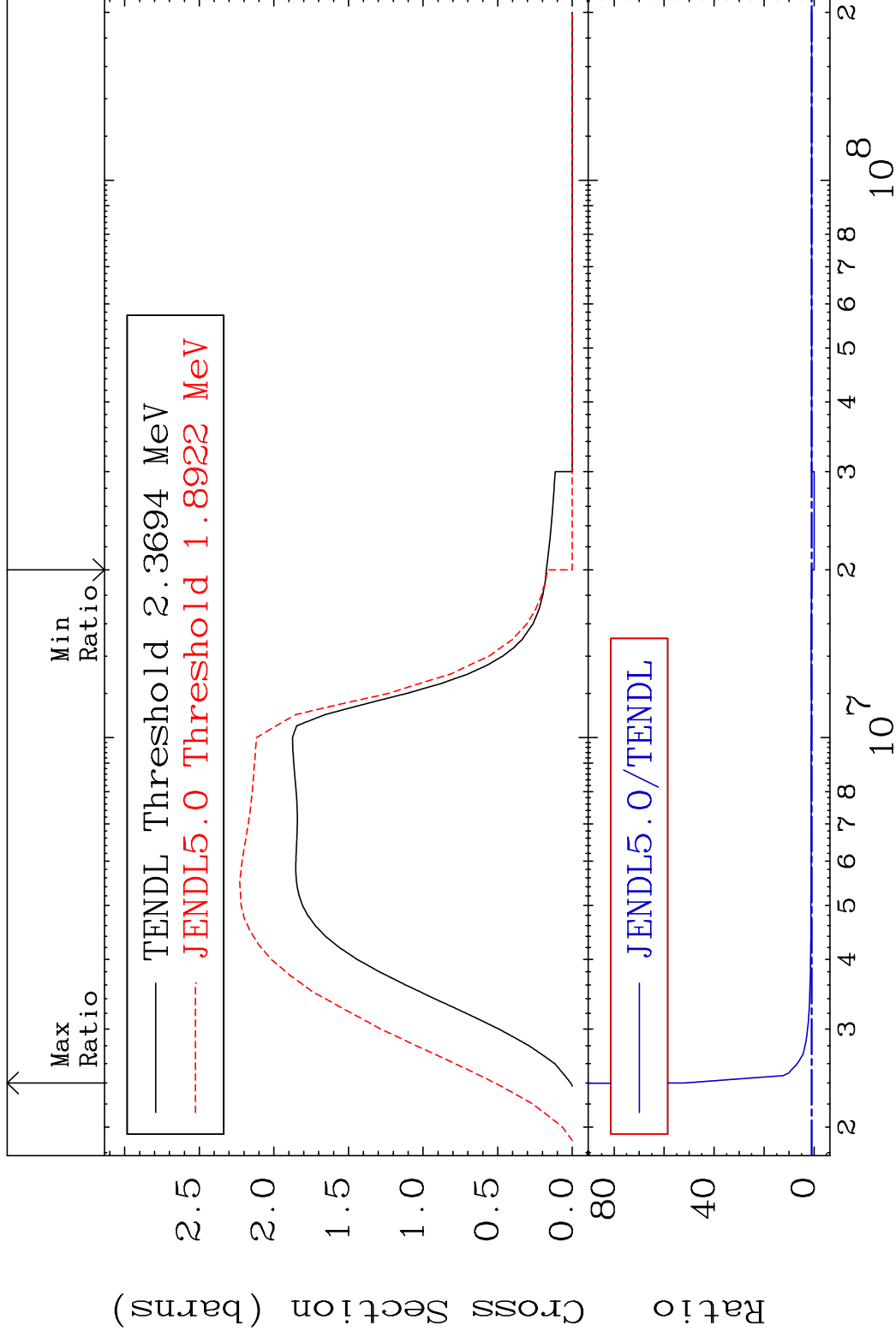


MAT 5431

(n, n') Continuum

54-Xe-126

Cross Section -100.0 To 5119. %



20

Incident Energy (eV)

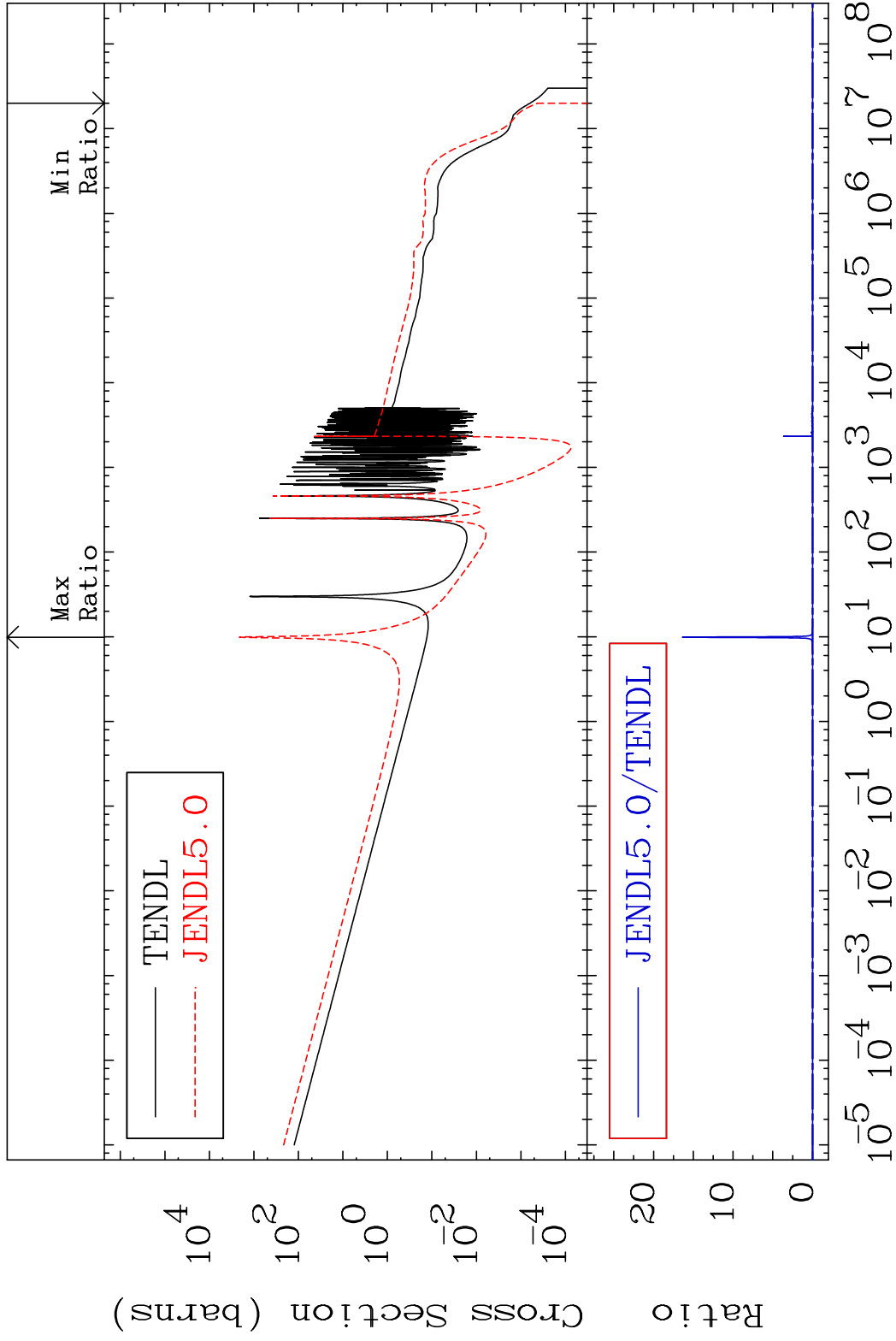
54-Xe-126

MAT 5431

(n, γ)

54-Xe-126

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

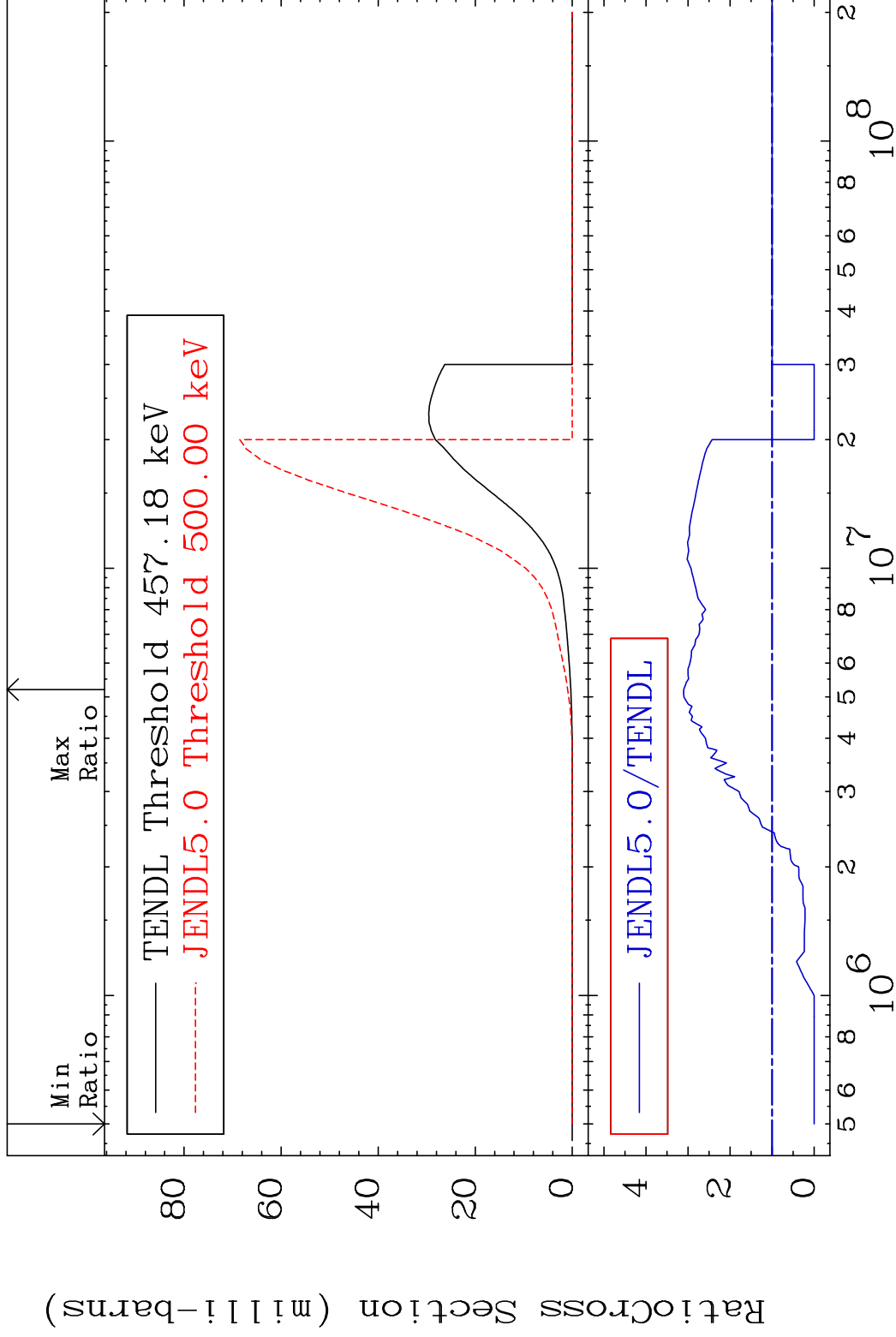
54-Xe-126

MAT 5431

(n, p)

54-Xe-126

Cross Section -100.0 To 210.3 %

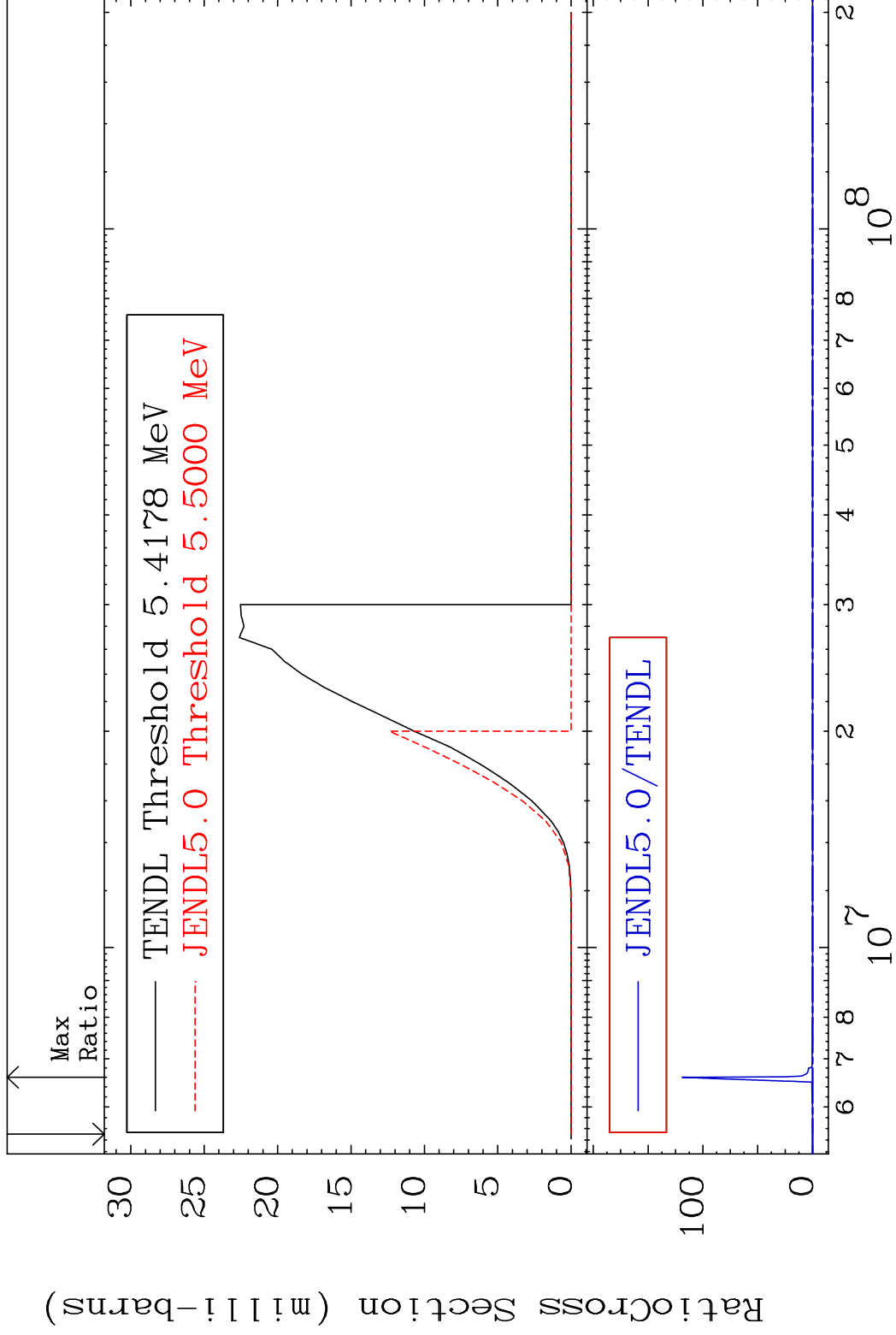


MAT 5431

(n,d)

54-Xe-126

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

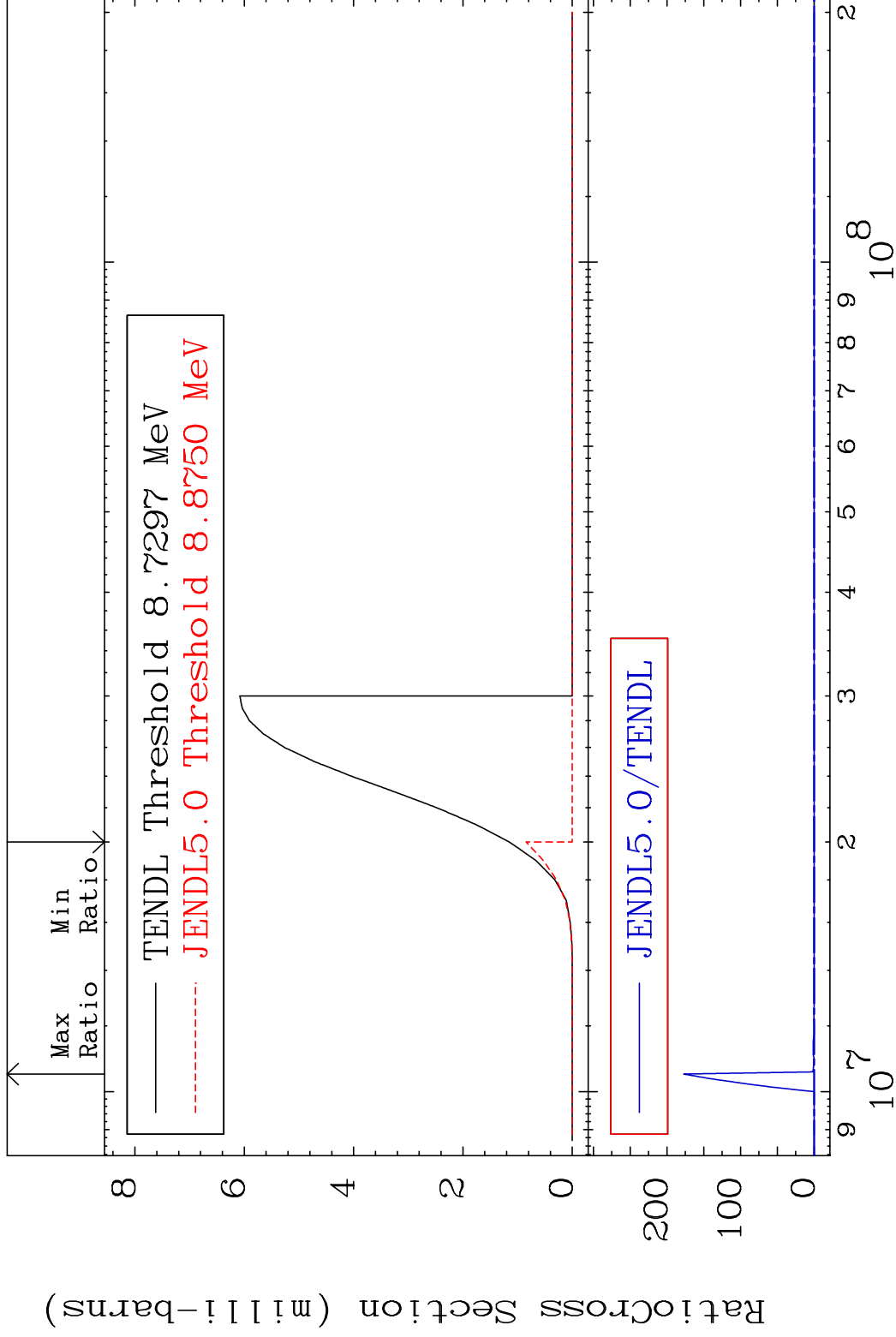
54-Xe-126

MAT 5431

(n, t)

54-Xe-126

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

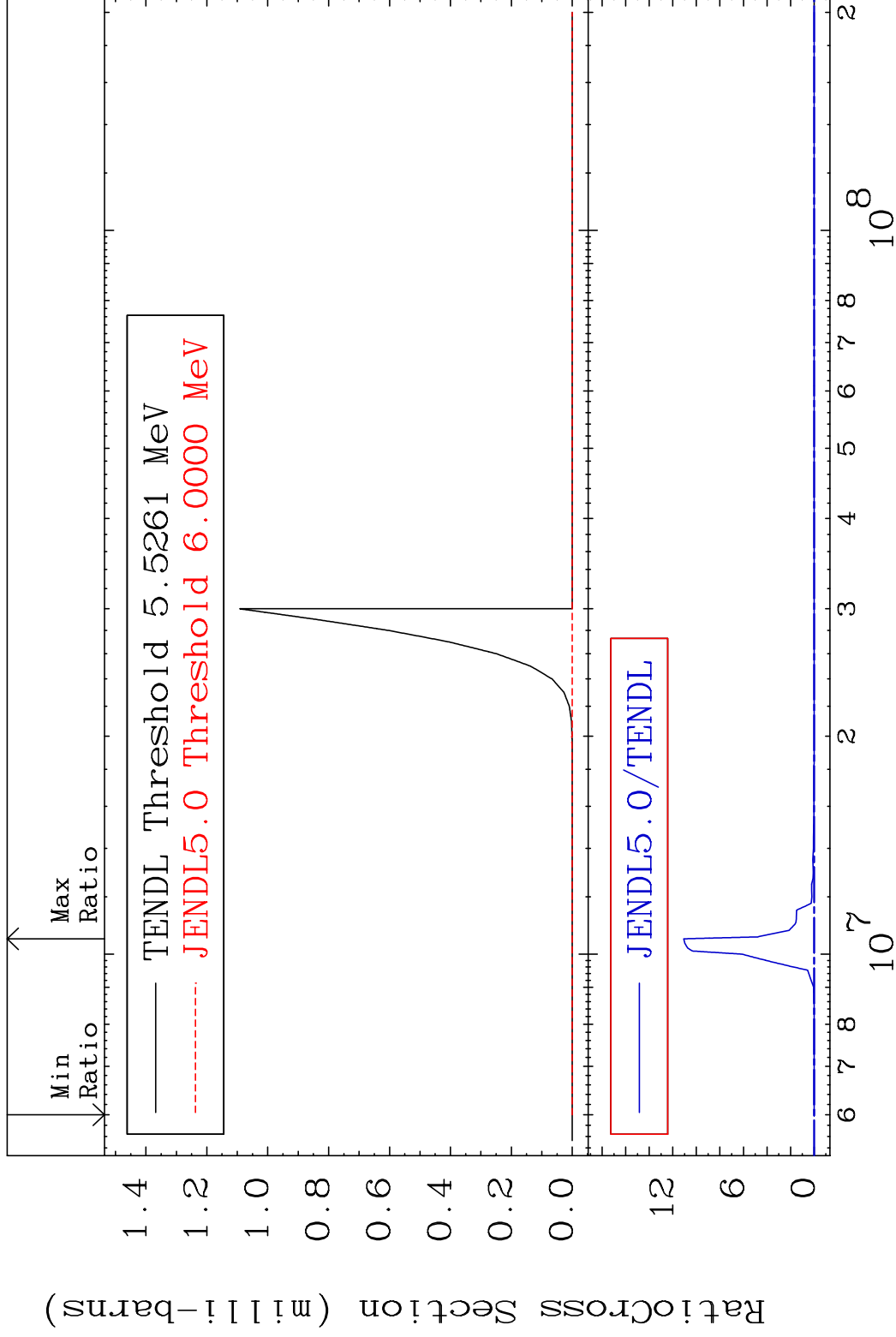
54-Xe-126

MAT 5431

(n, He-3)

54-Xe-126

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

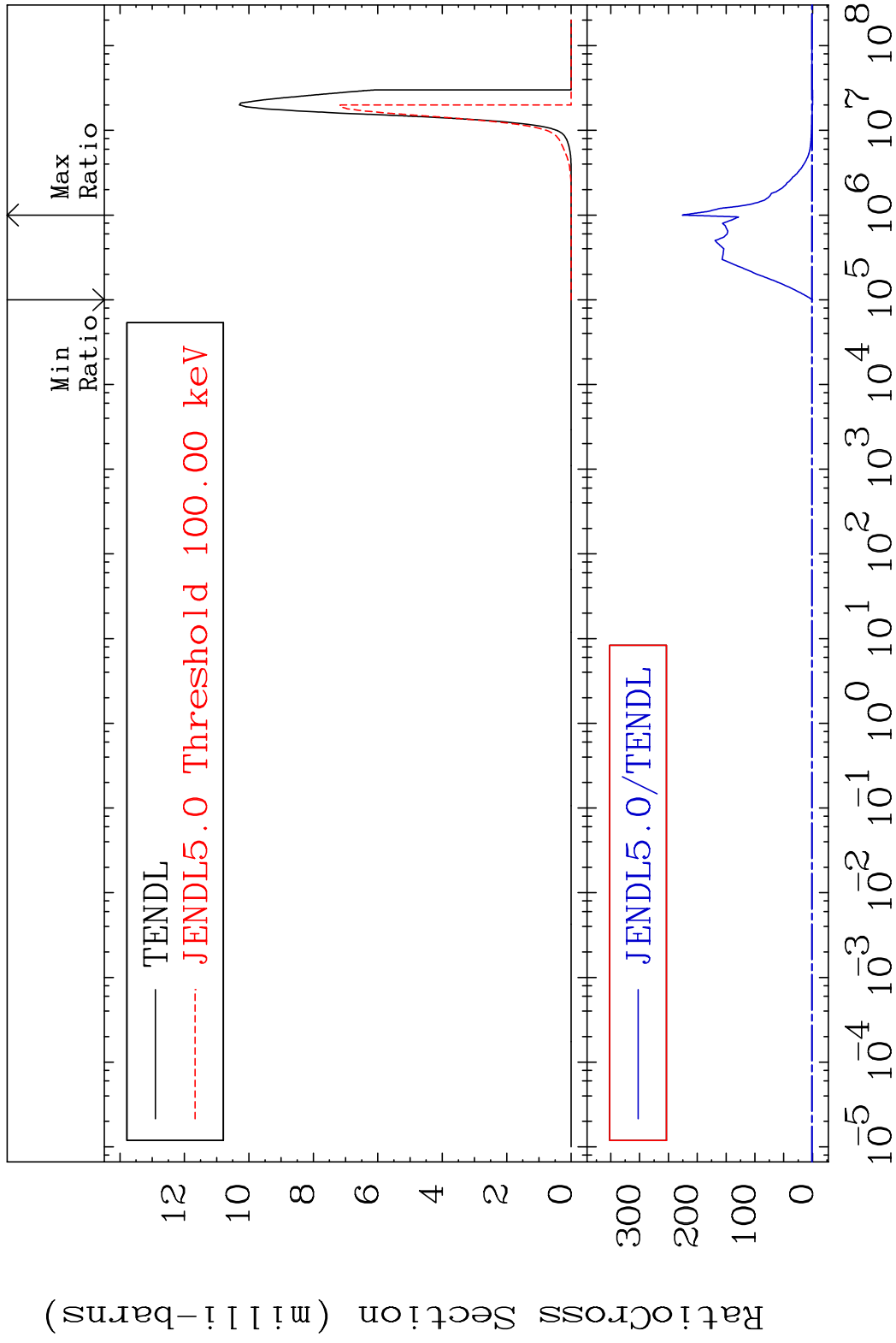
54-Xe-126

MAT 5431

(n, α)

54-Xe-126

Cross Section -100.0 To 9999. %



26

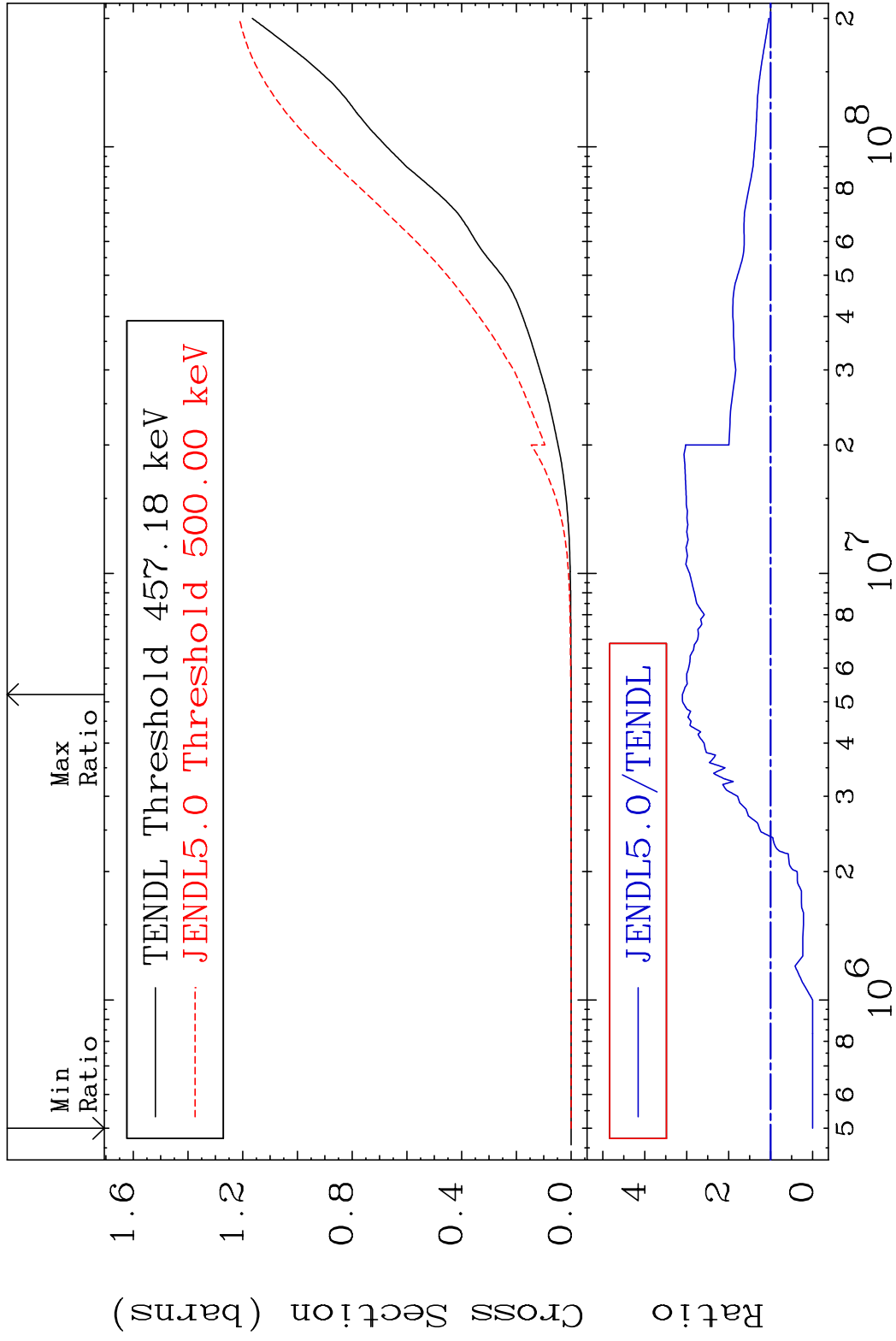
Incident Energy (eV)

54-Xe-126

MAT 5431

Hydrogen Production 54-Xe-126

Cross Section -100.0 To 210.3 %

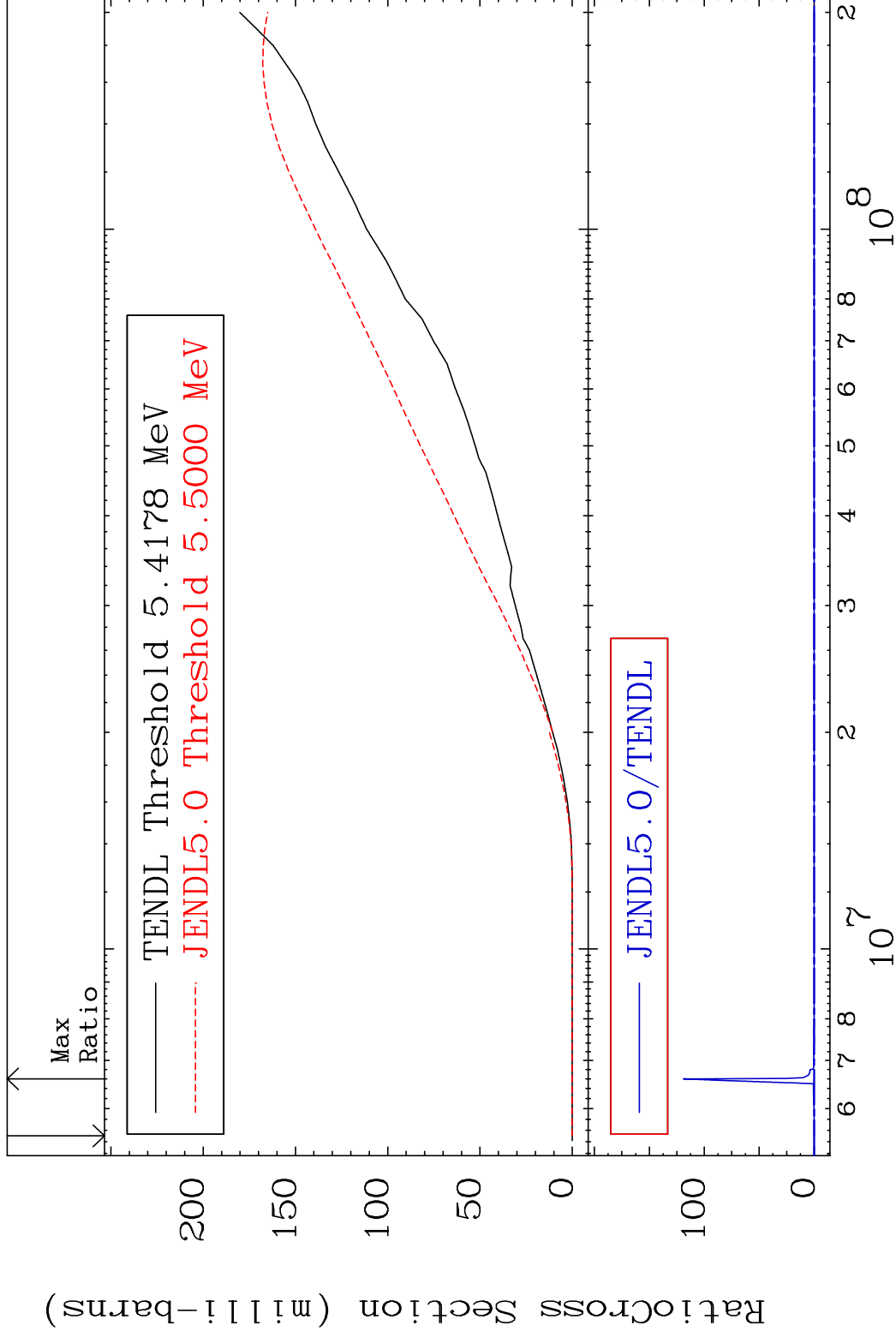


MAT 5431

Deuterium Production

54-Xe-126

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

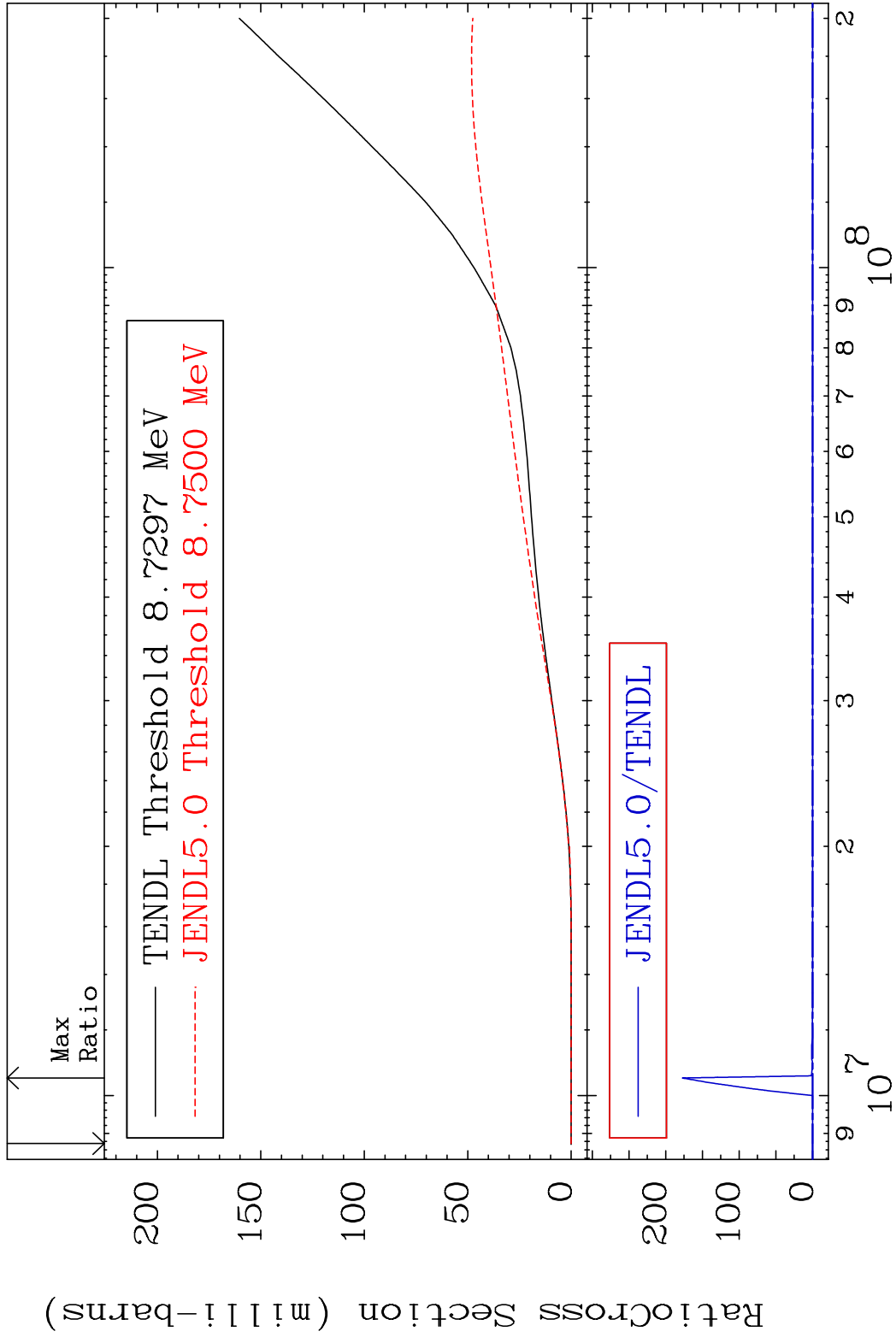
54-Xe-126

MAT 5431

Tritium Production

54-Xe-126

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

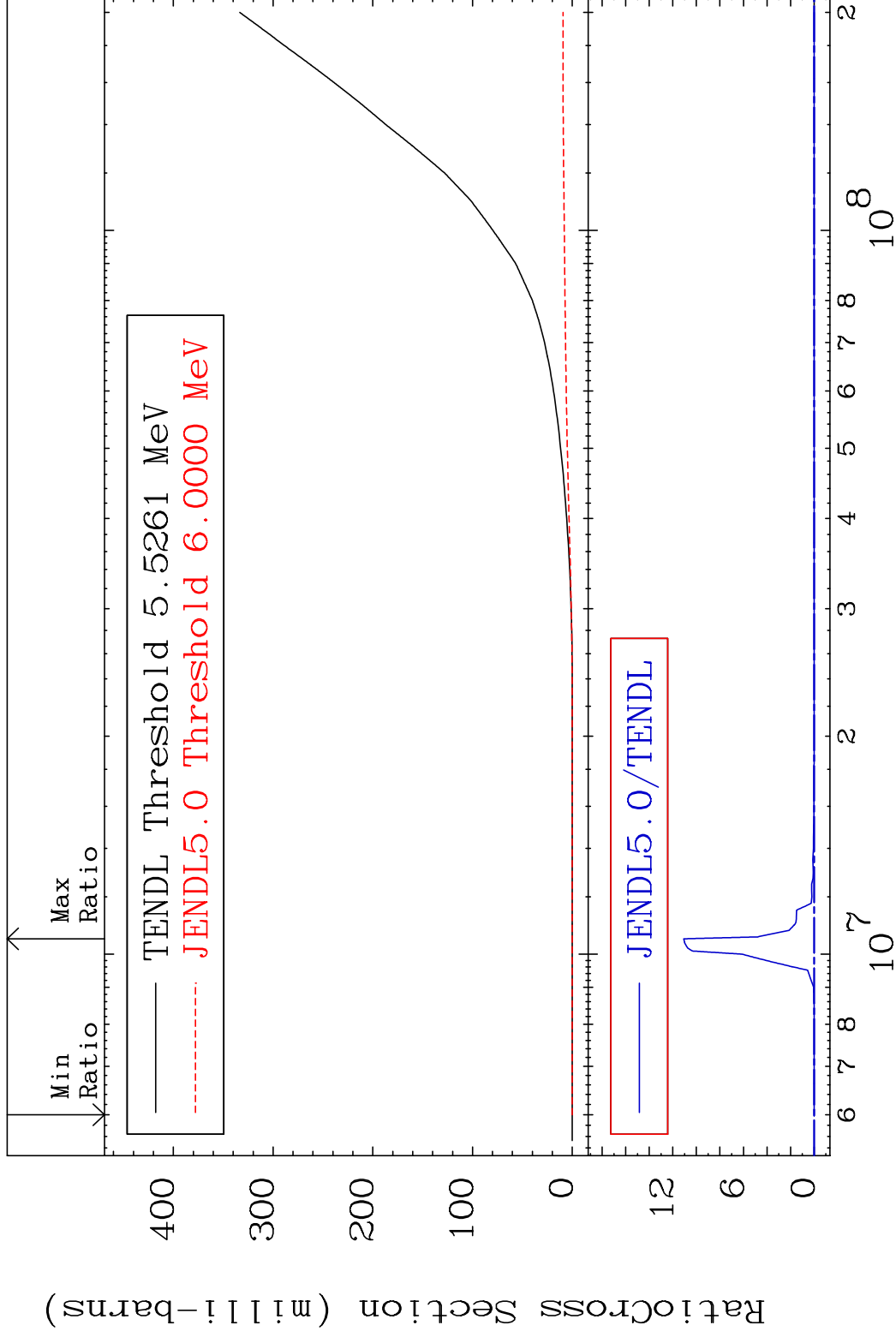
54-Xe-126

MAT 5431

He-3 Production

54-Xe-126

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

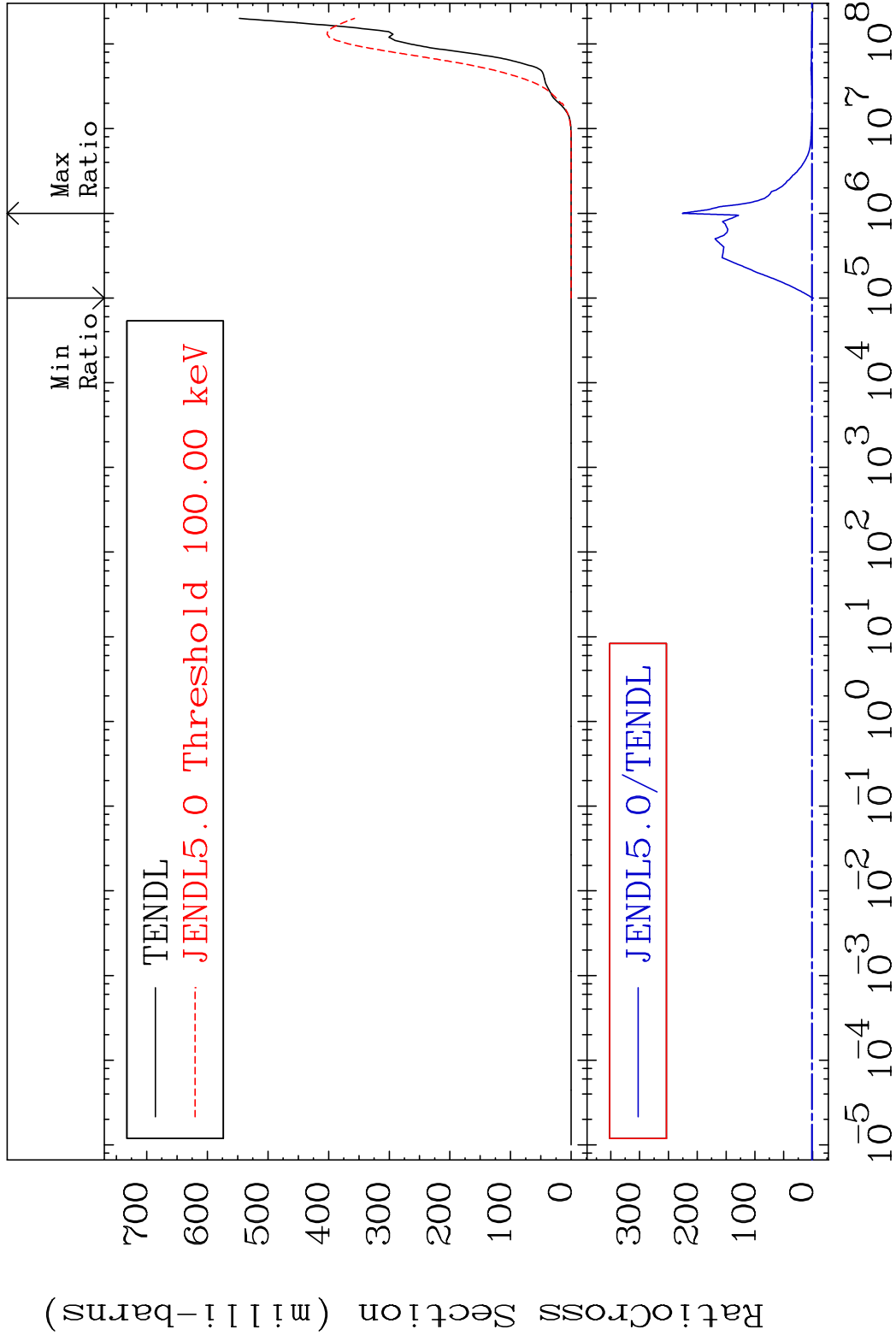
54-Xe-126

MAT 5431

He-4 Production

54-Xe-126

Cross Section -100.0 To 9999. %



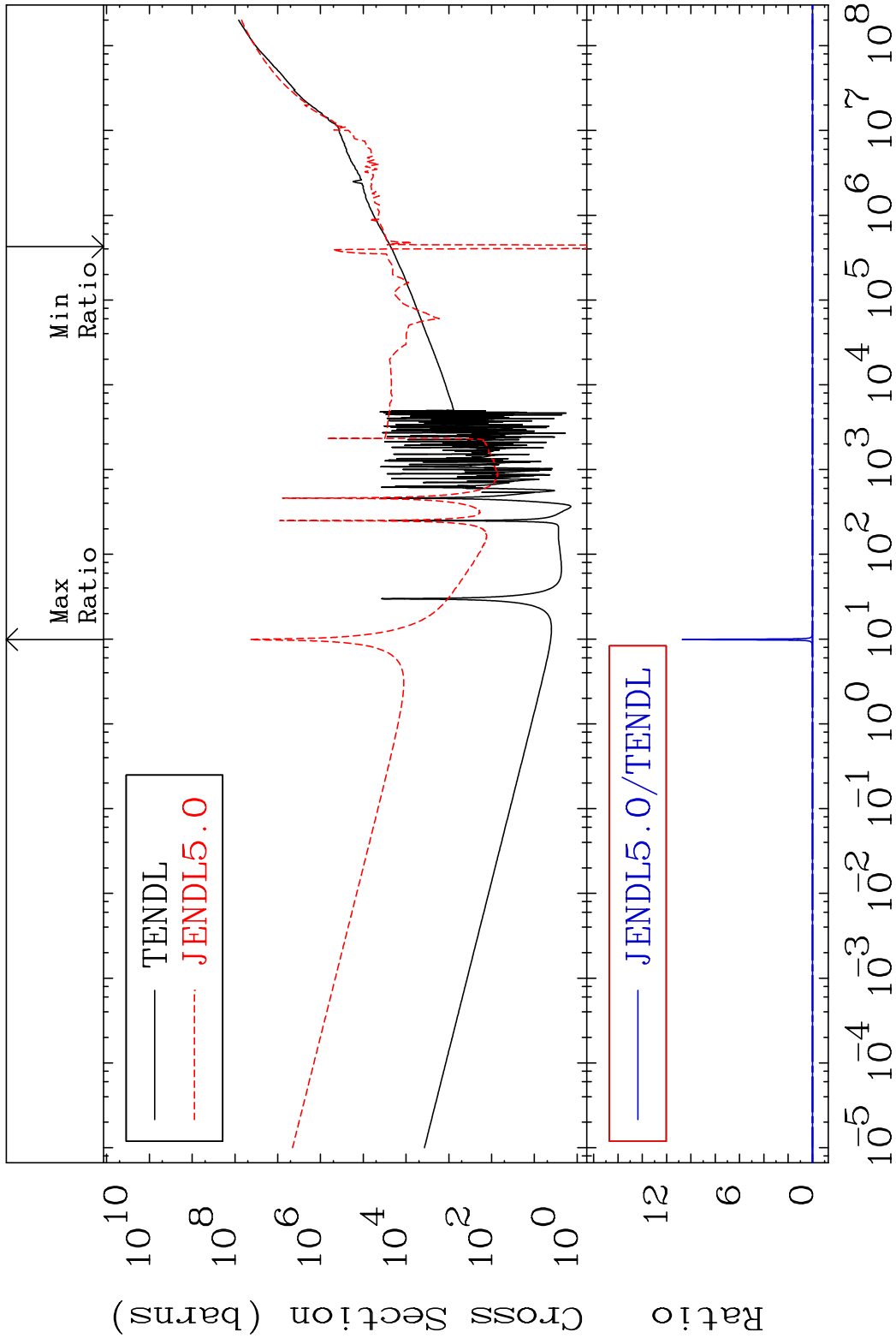
31

Incident Energy (eV)

54-Xe-126

MAT 5431

Kerma total (eV-barns) 54-Xe-126
Cross Section -397.3 To 9999. %



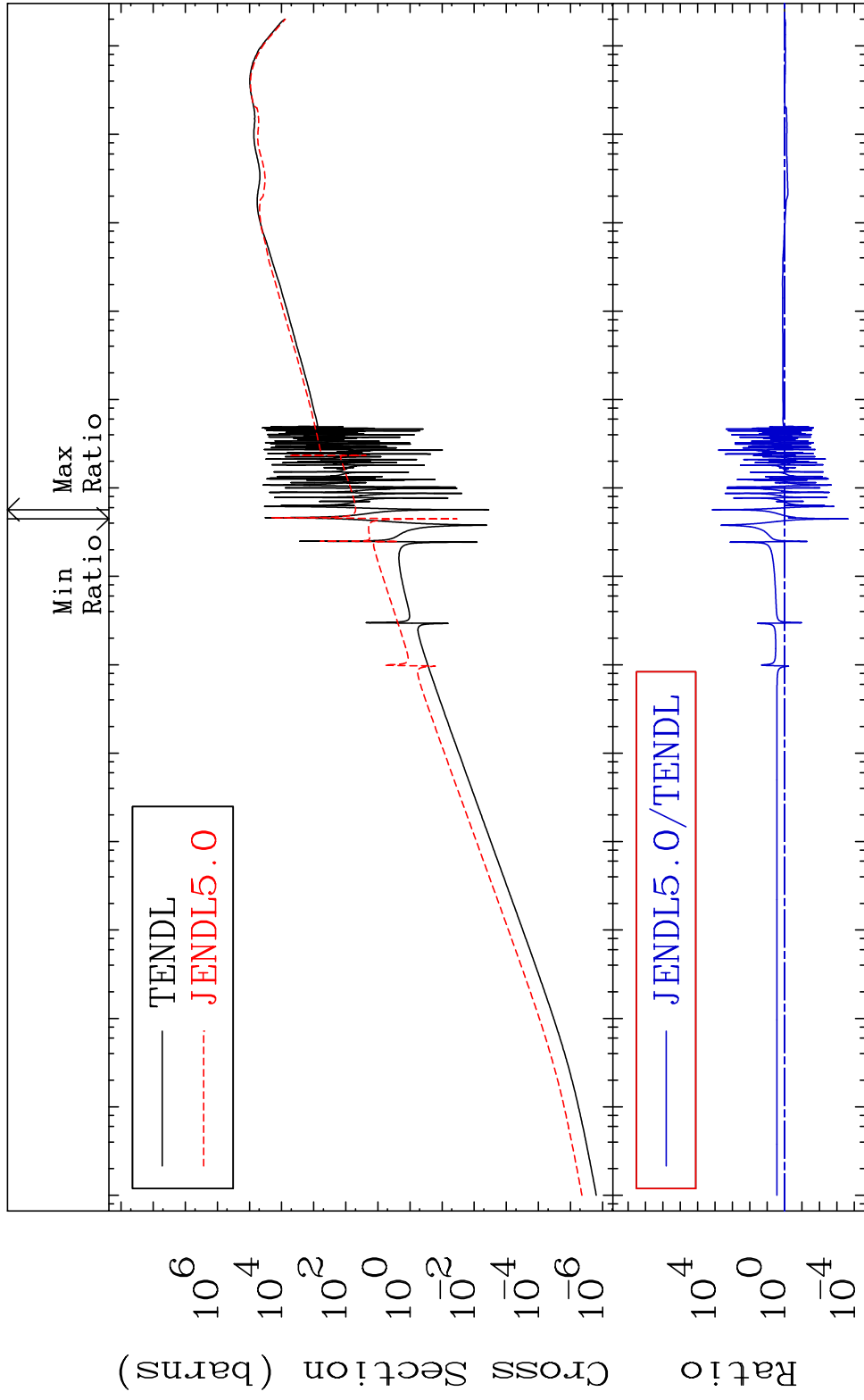
32

Incident Energy (eV) 54-Xe-126

MAT 5431

Kerma elastic
Cross Section -99.98 To 9999. %

54-Xe-126

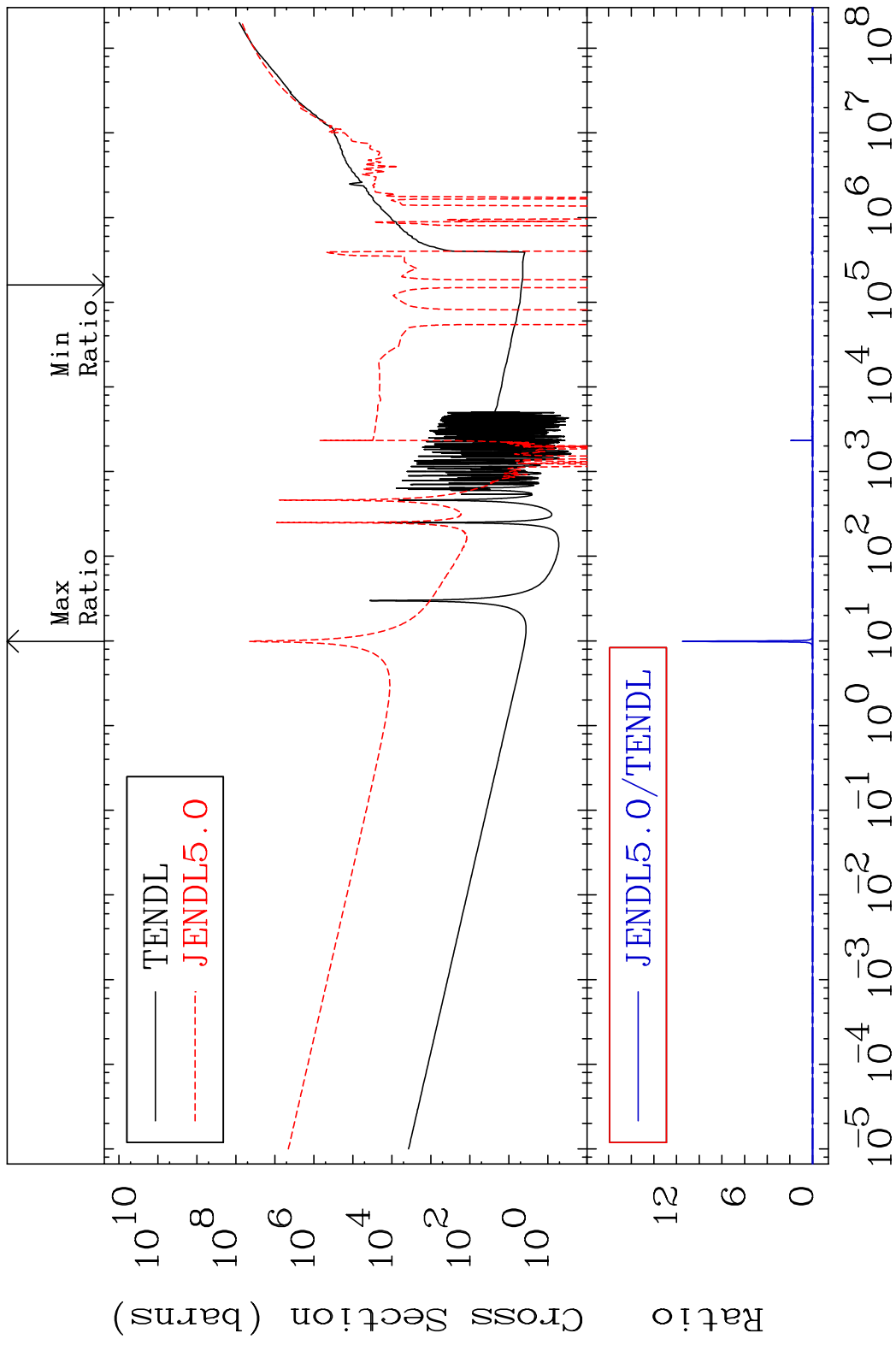


33

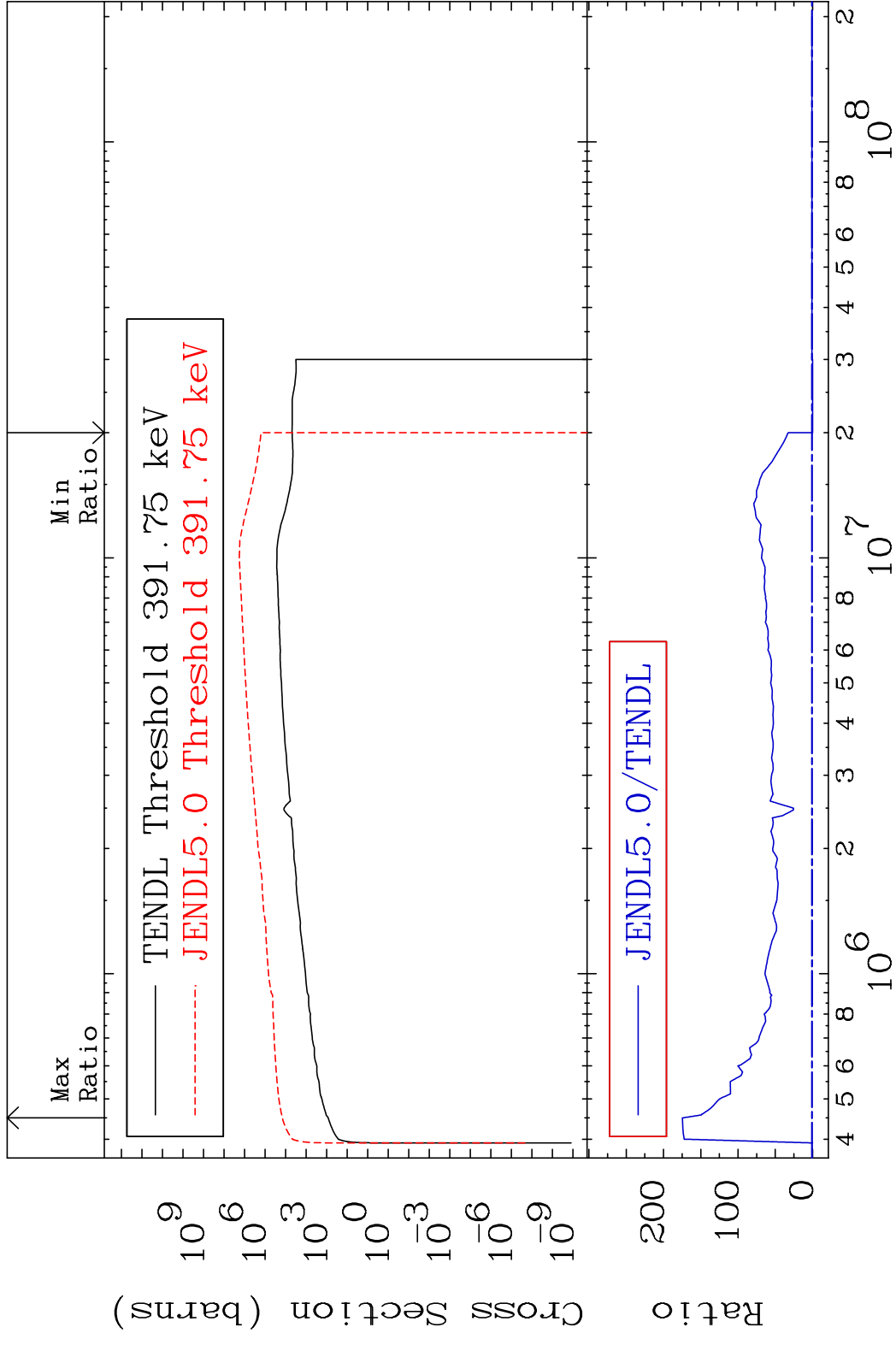
Incident Energy (eV)

54-Xe-126

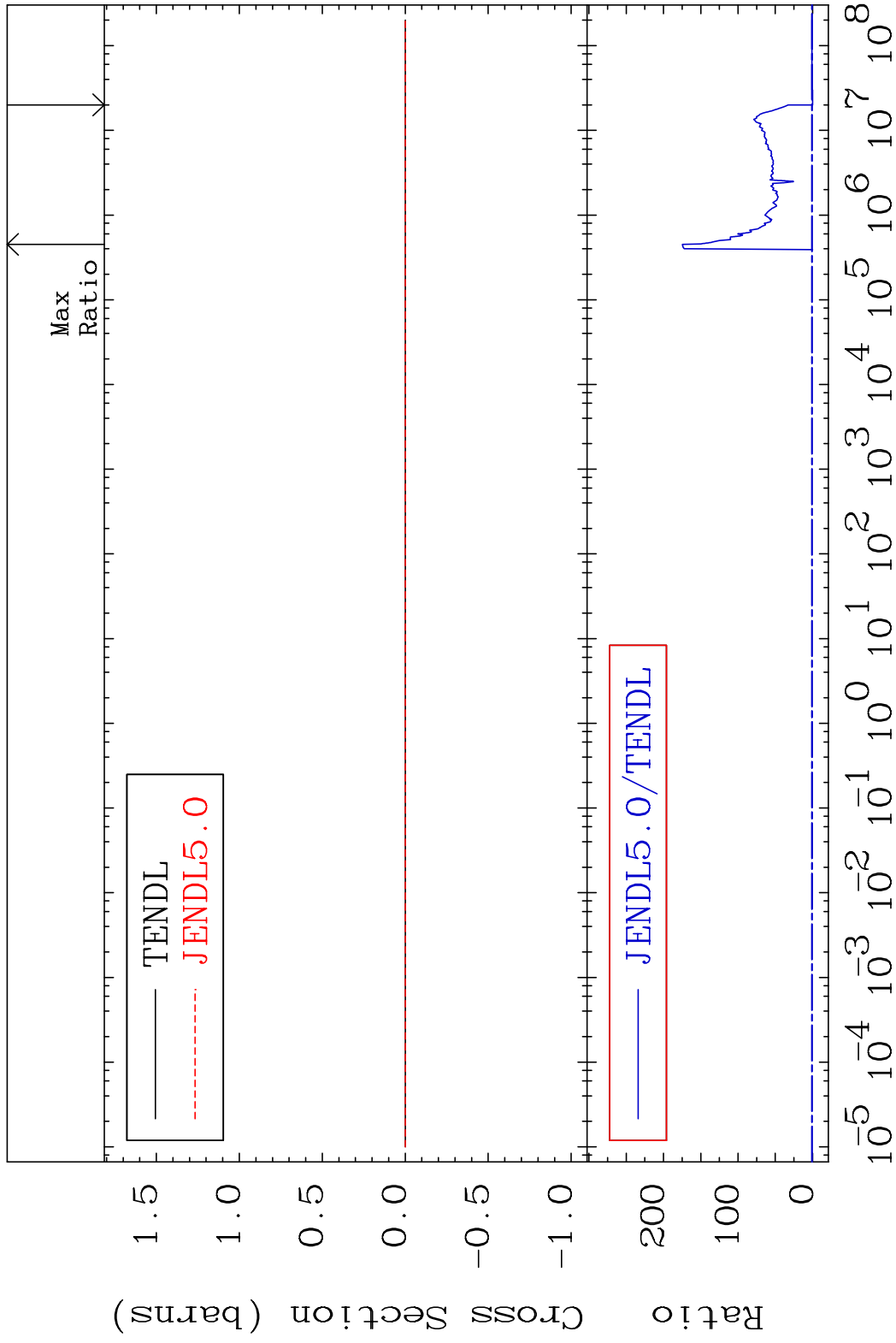
MAT 5431 Kerma non-elastic (all but mt2) 54-Xe-126
 Cross Section -9999. To 9999. %



MAT 5431 Kerma inelastic (mt51-91) 54-Xe-126
 Cross Section -100.0 To 9999. %



MAT 5431 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-126
 Cross Section -100.0 To 9999. %

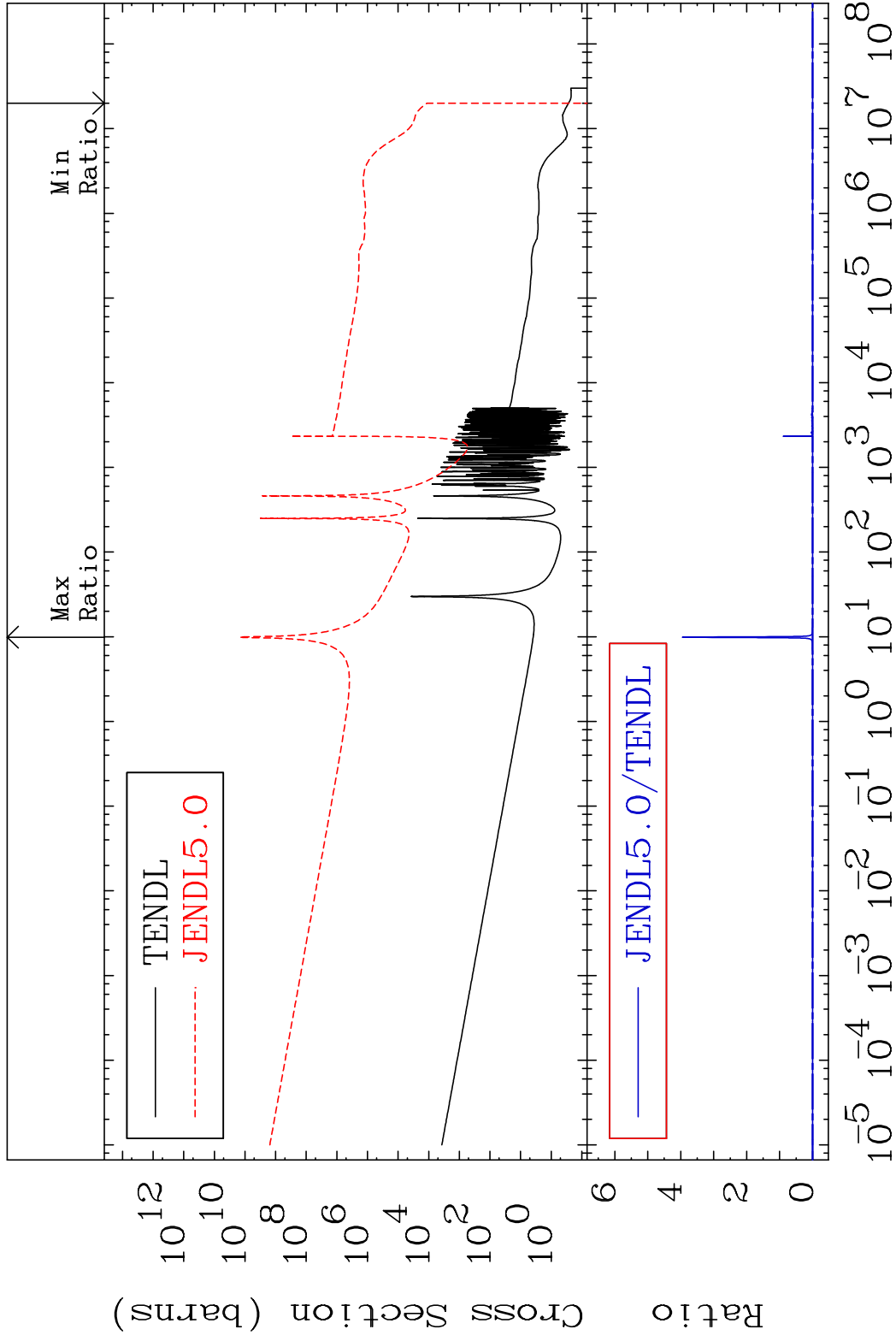


MAT 5431

Kerma capture (mt102)

54-Xe-126

Cross Section -100.0 To 9999. %

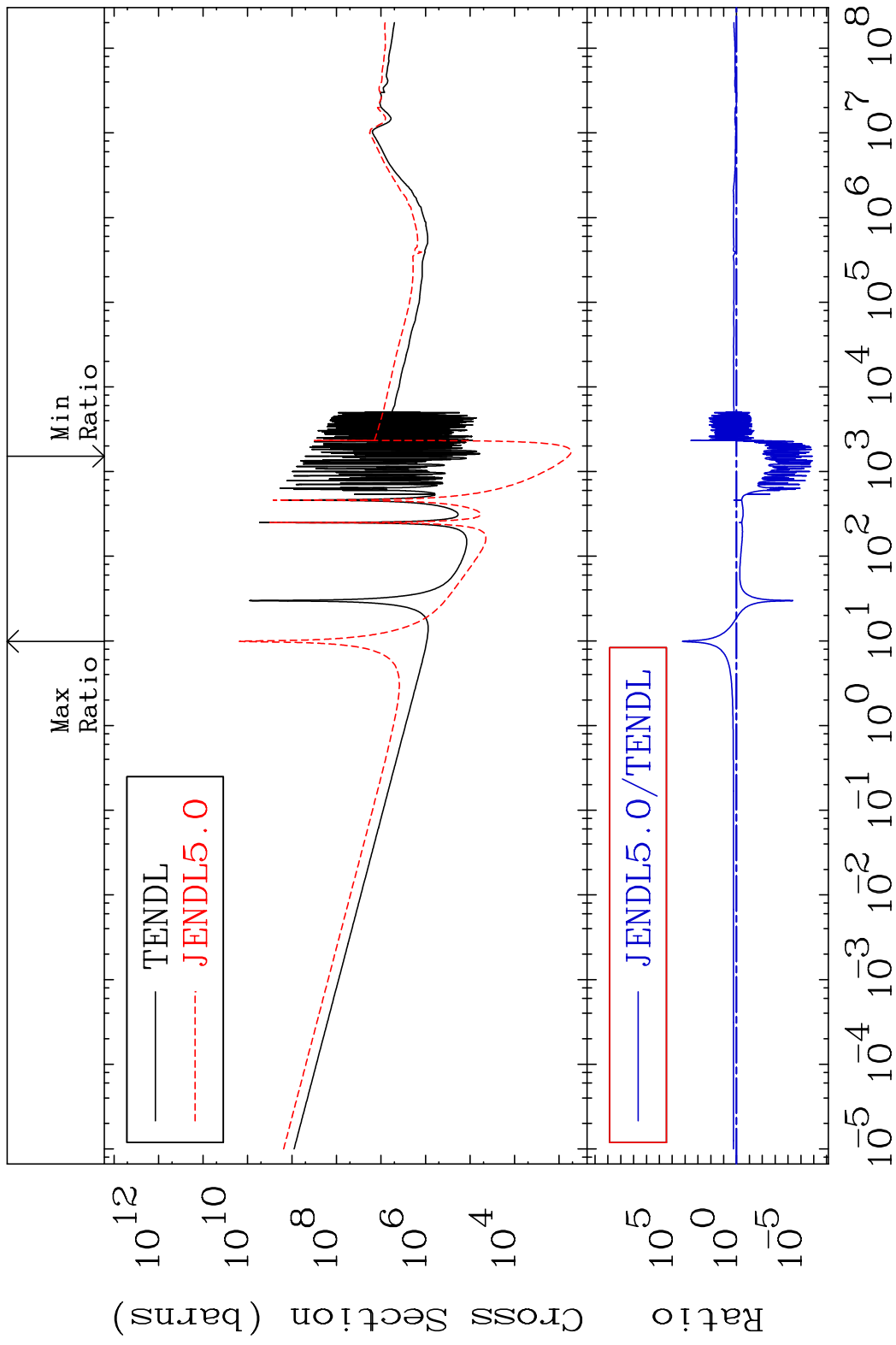


37

Incident Energy (eV)

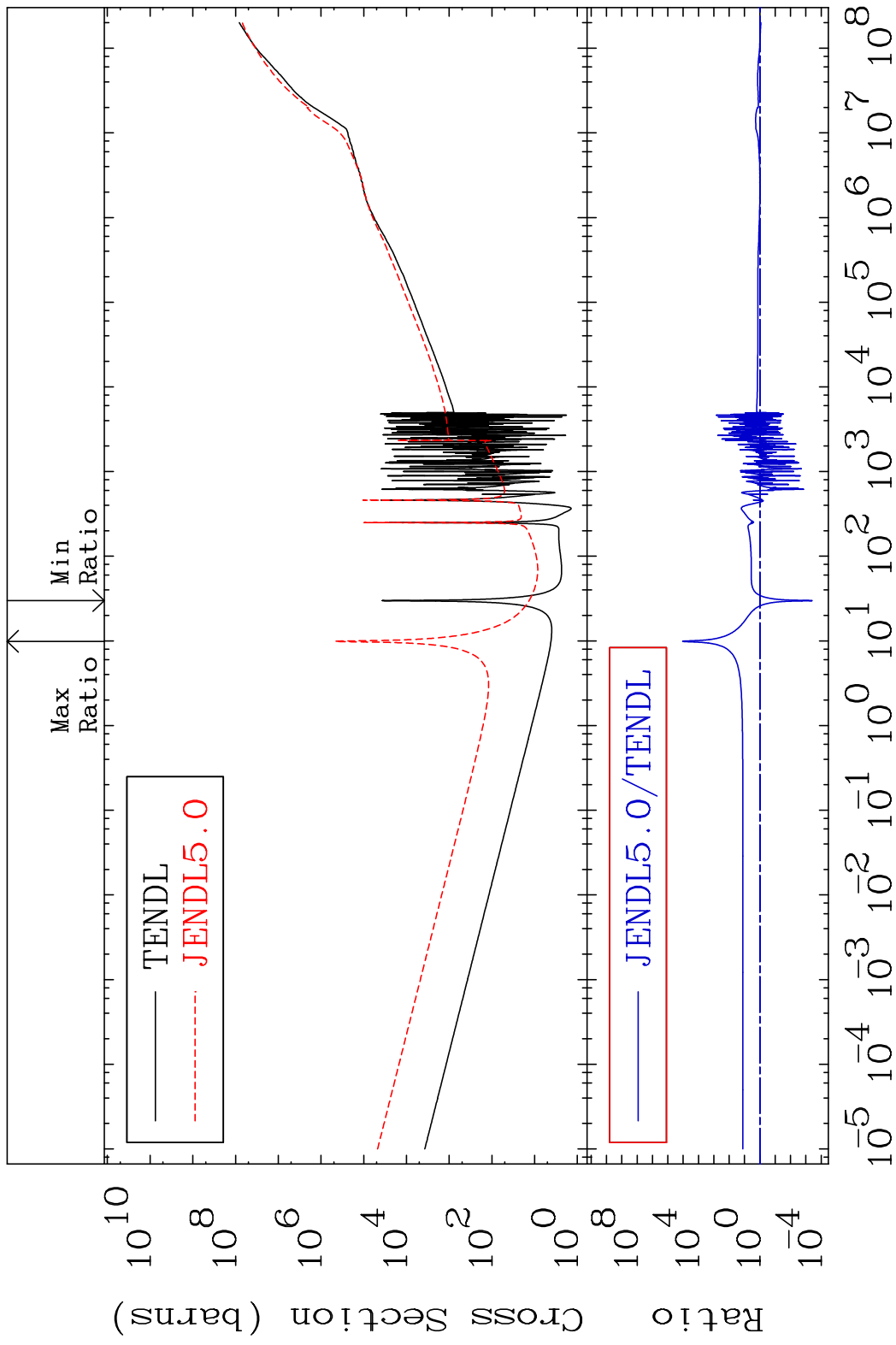
54-Xe-126

MAT 5431 Total photon (eV-barns) 54-Xe-126
Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 54-Xe-126

MAT 5431 Total kinematic kerma (high limit) 54-Xe-126
 Cross Section -99.96 To 9999. %

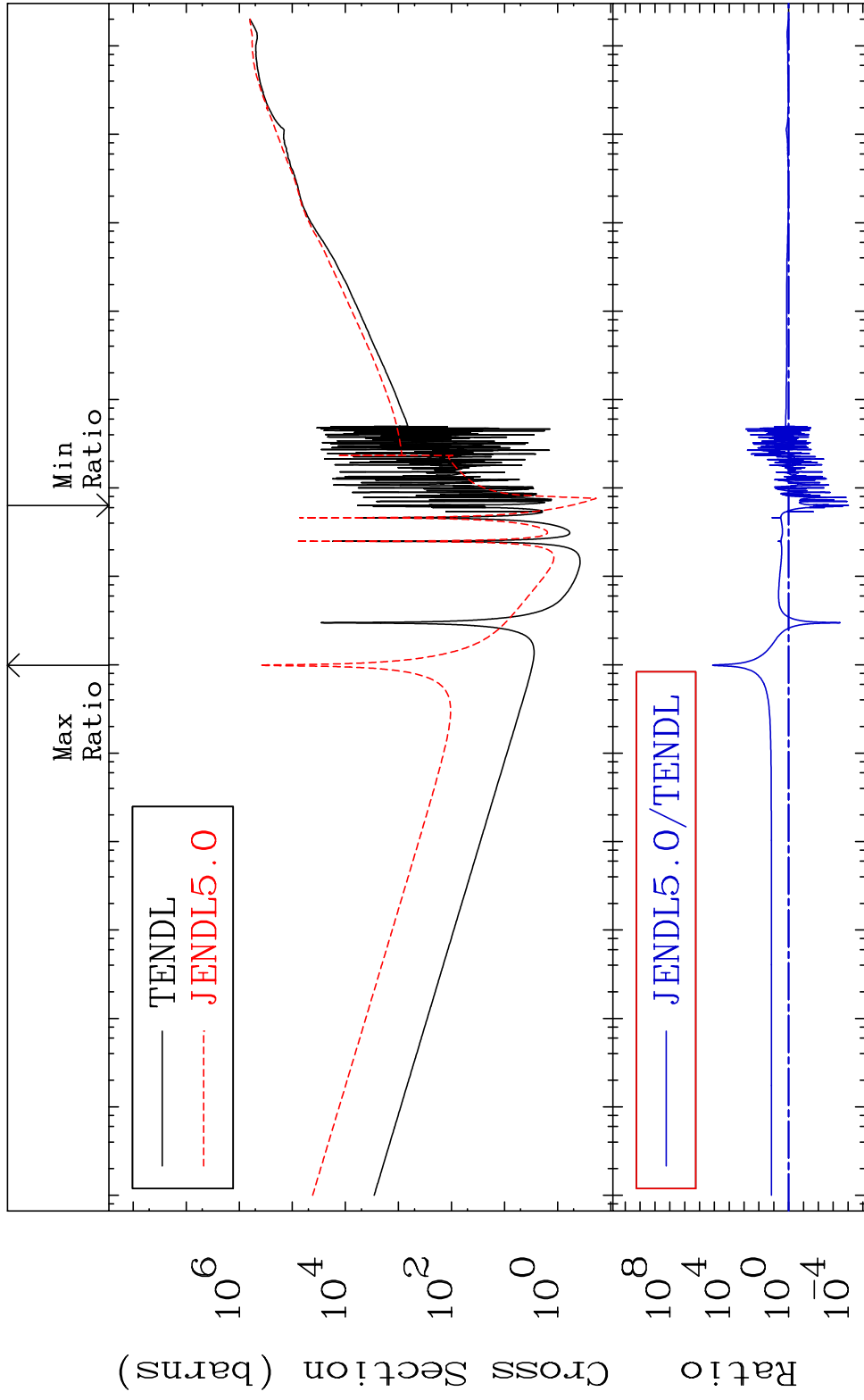


MAT 5431

Dpa total (eV-barns)

54-Xe-126

Cross Section -99.99 To 9999. %



40

Incident Energy (eV)

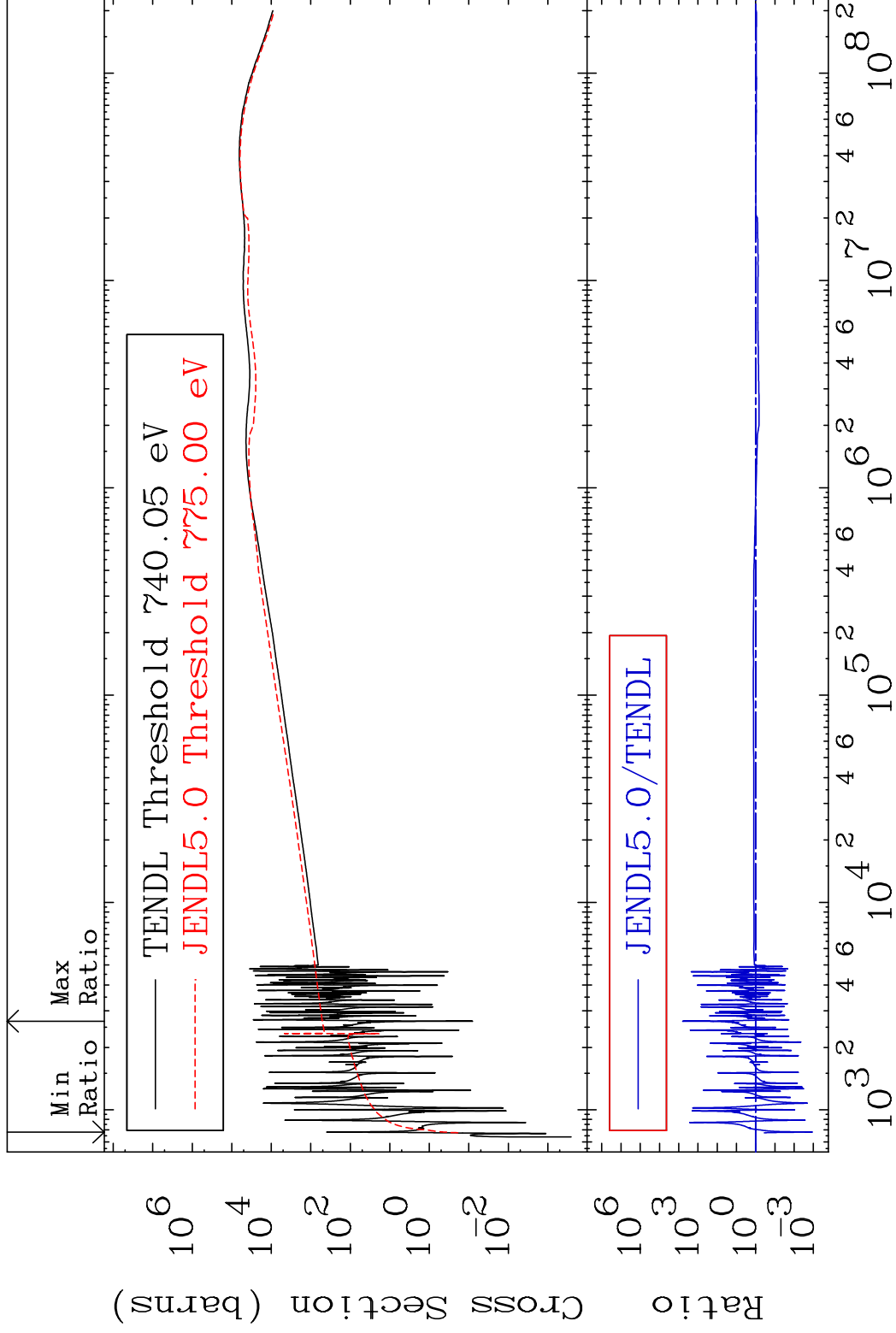
54-Xe-126

MAT 5431

Dpa elastic (mt2)

54-Xe-126

Cross Section -99.89 To 9999. %

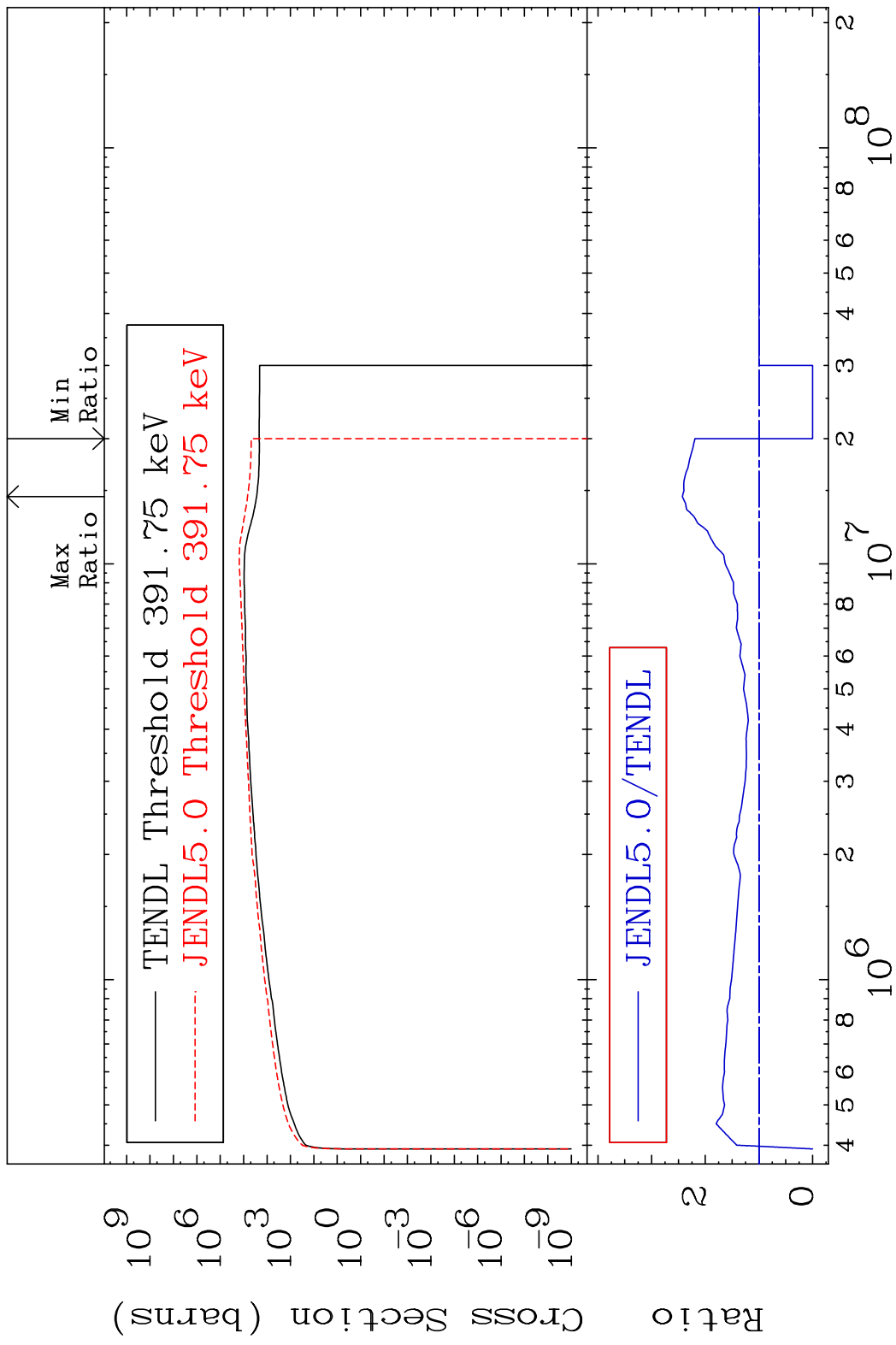


41

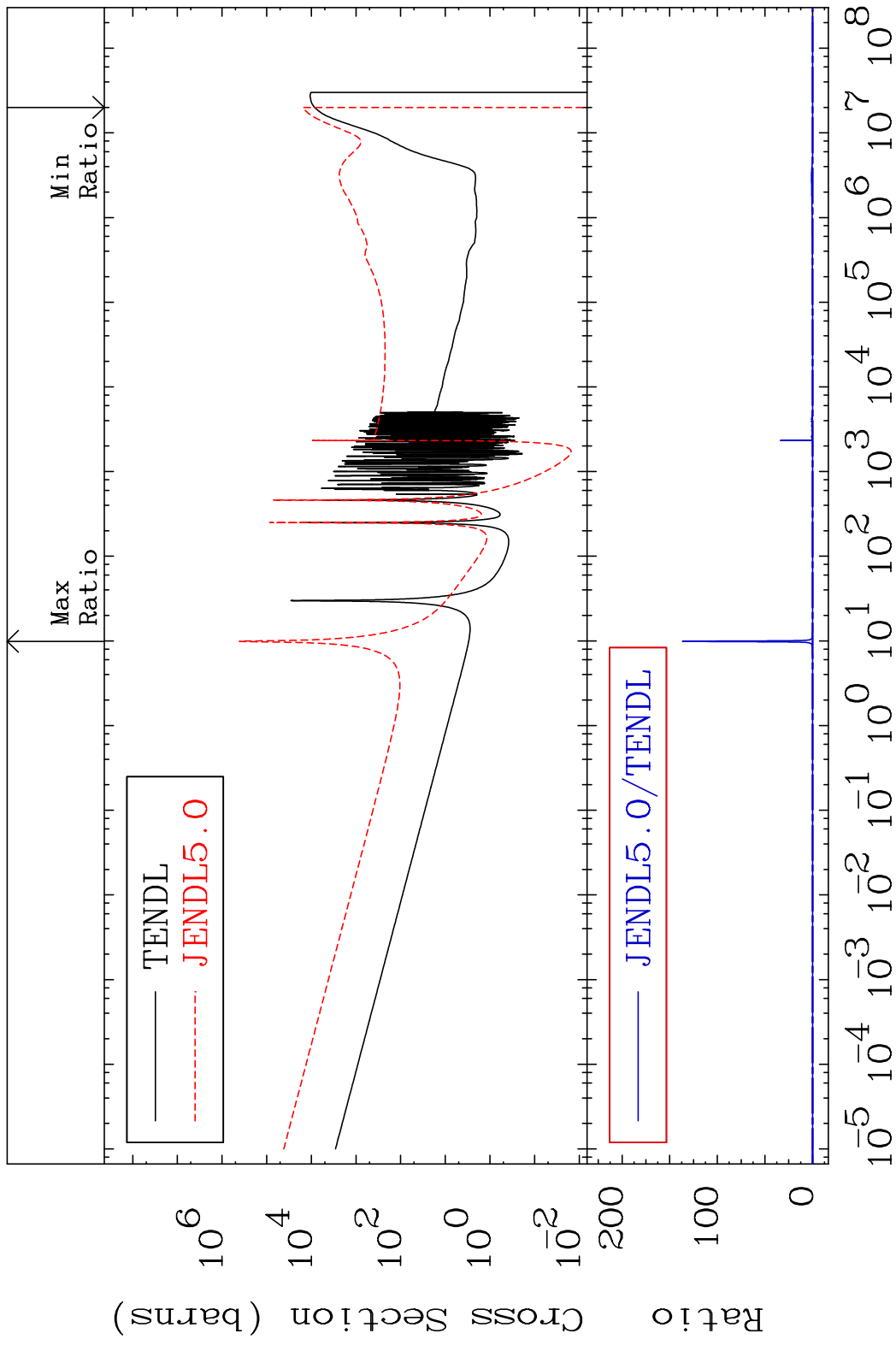
Incident Energy (eV)

54-Xe-126

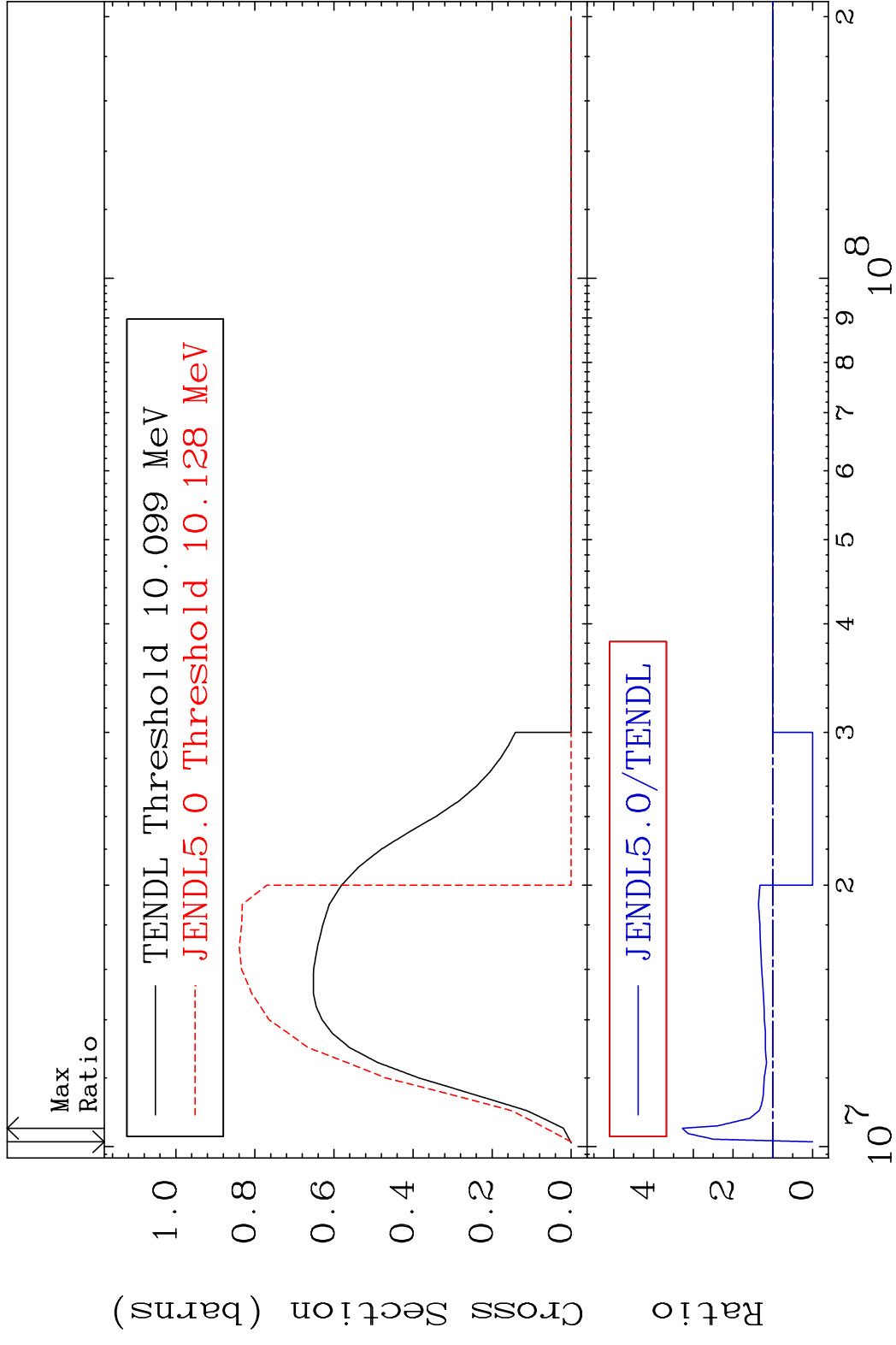
MAT 5431 Dpa inelastic (mt51-91) 54-Xe-126
 Cross Section -100.0 To 142.7 %



MAT 5431 Dpa disappearance (mt102 -120) 54-Xe-126
 Cross Section -100.0 To 9999. %

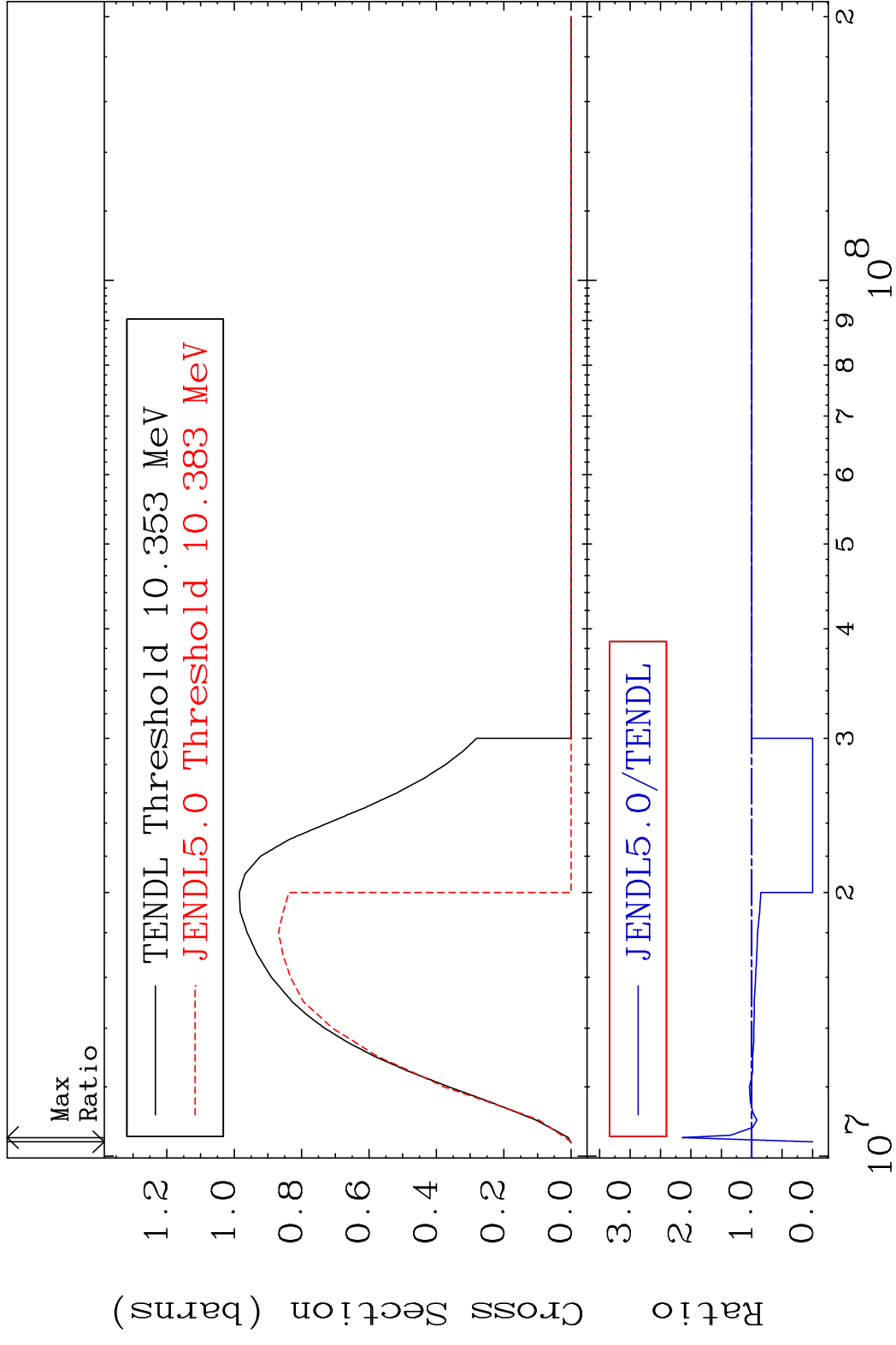


MAT 5431 (n,2n):54-Xe-125g 54-Xe-126
 Radionuclide Production Cross Section 180.0 dth 227.5 %



44 Incident Energy (eV) 54-Xe-126

MAT 5431 (n,2n):54-Xe-125m2 54-Xe-126
 Radionuclide Production Cross Section 180.0 dth 114.1 %



MAT 5431 Dpa disappearance (mt102 -120) 54-Xe-126
 Cross Section -100.0 To 9999. %

