

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

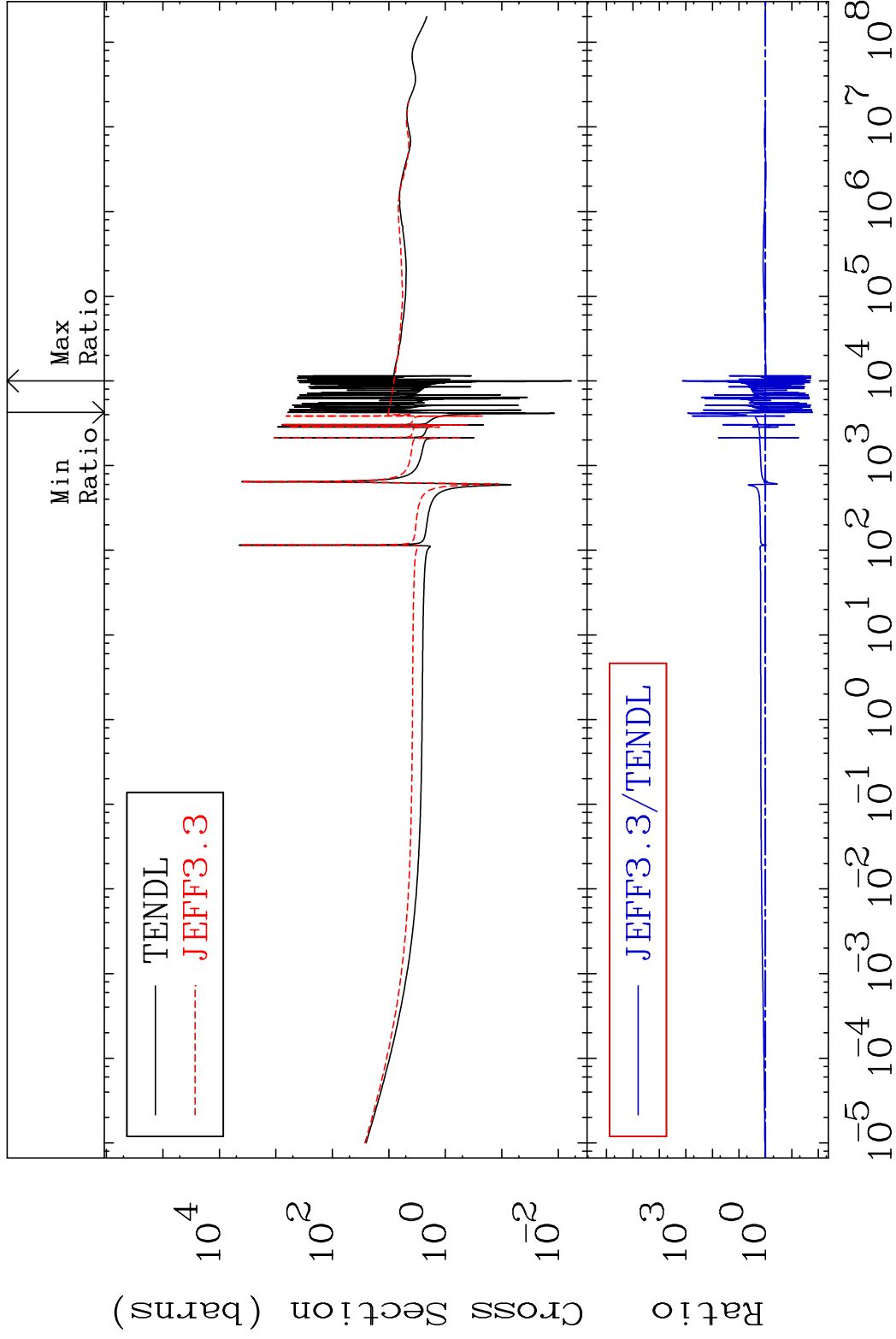
MAT 5449

Total

54-Xe-132

Cross Section

-98.36 To 9999. %



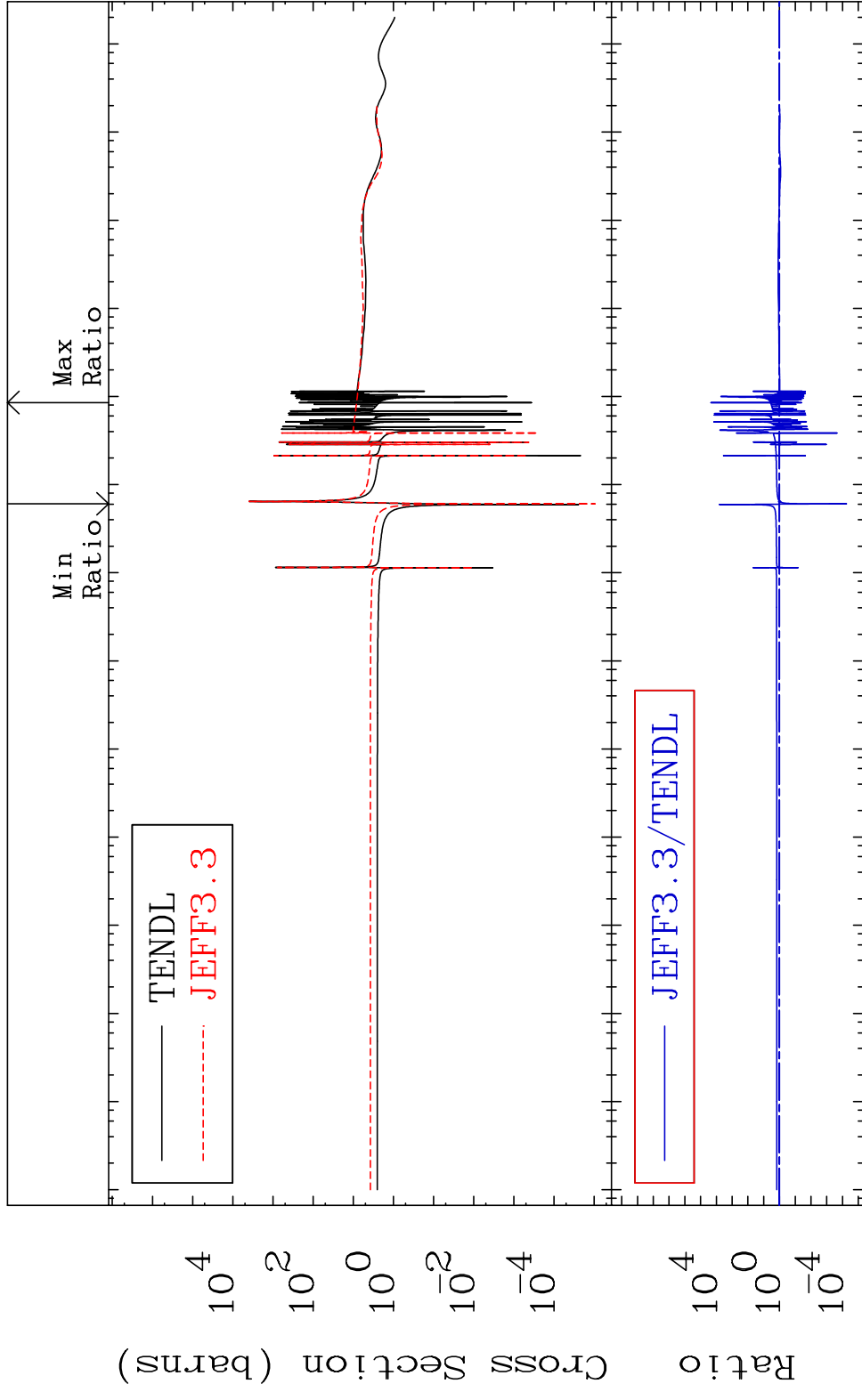
1

Incident Energy (eV)

54-Xe-132

MAT 5449

Elastic Cross Section
54-Xe-132
-99.99 To 9999. %



2

Incident Energy (eV)

54-Xe-132

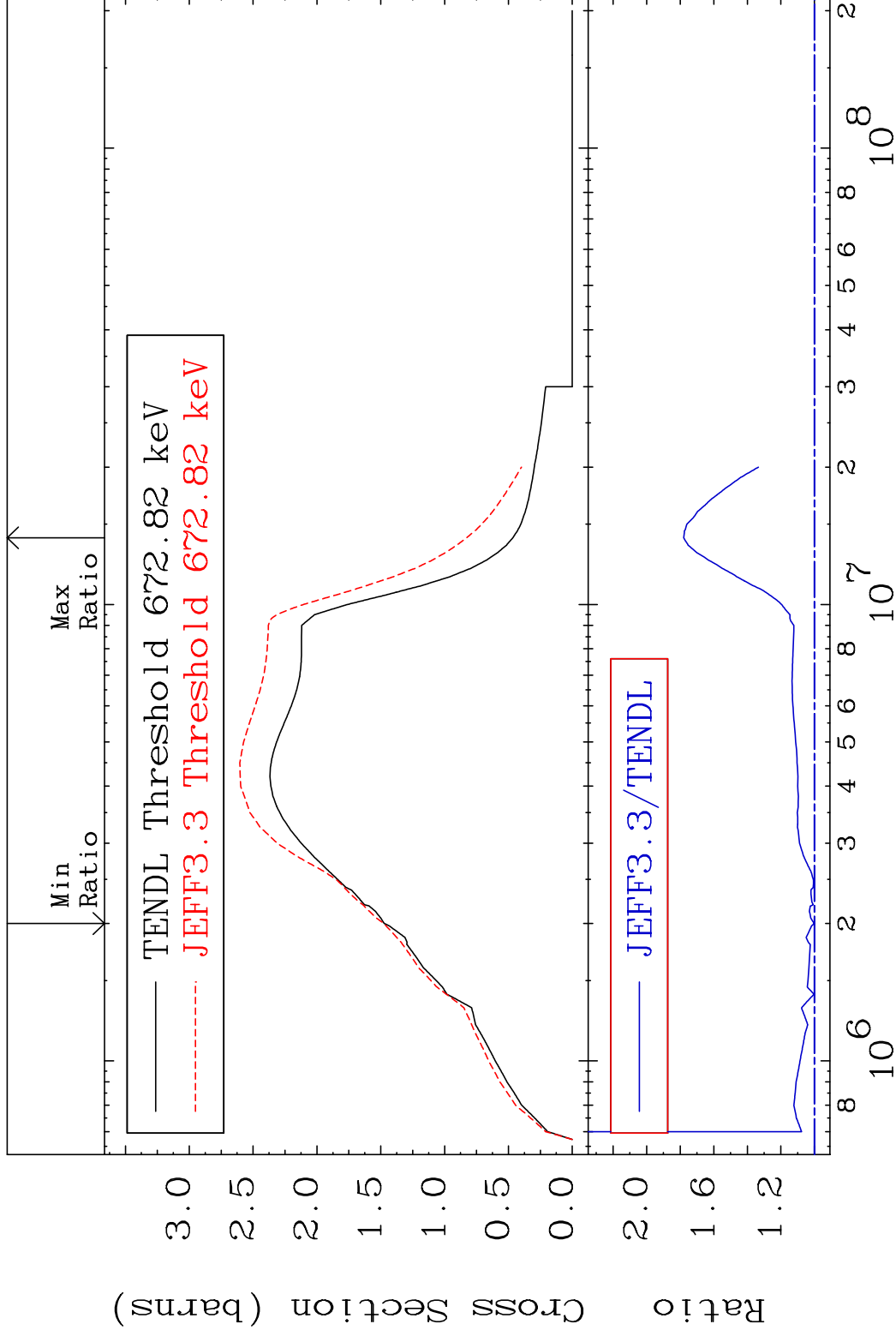
MAT 5449

Inelastic

54-Xe-132

Cross Section 0.220

To 77.94 %



3

Incident Energy (eV)

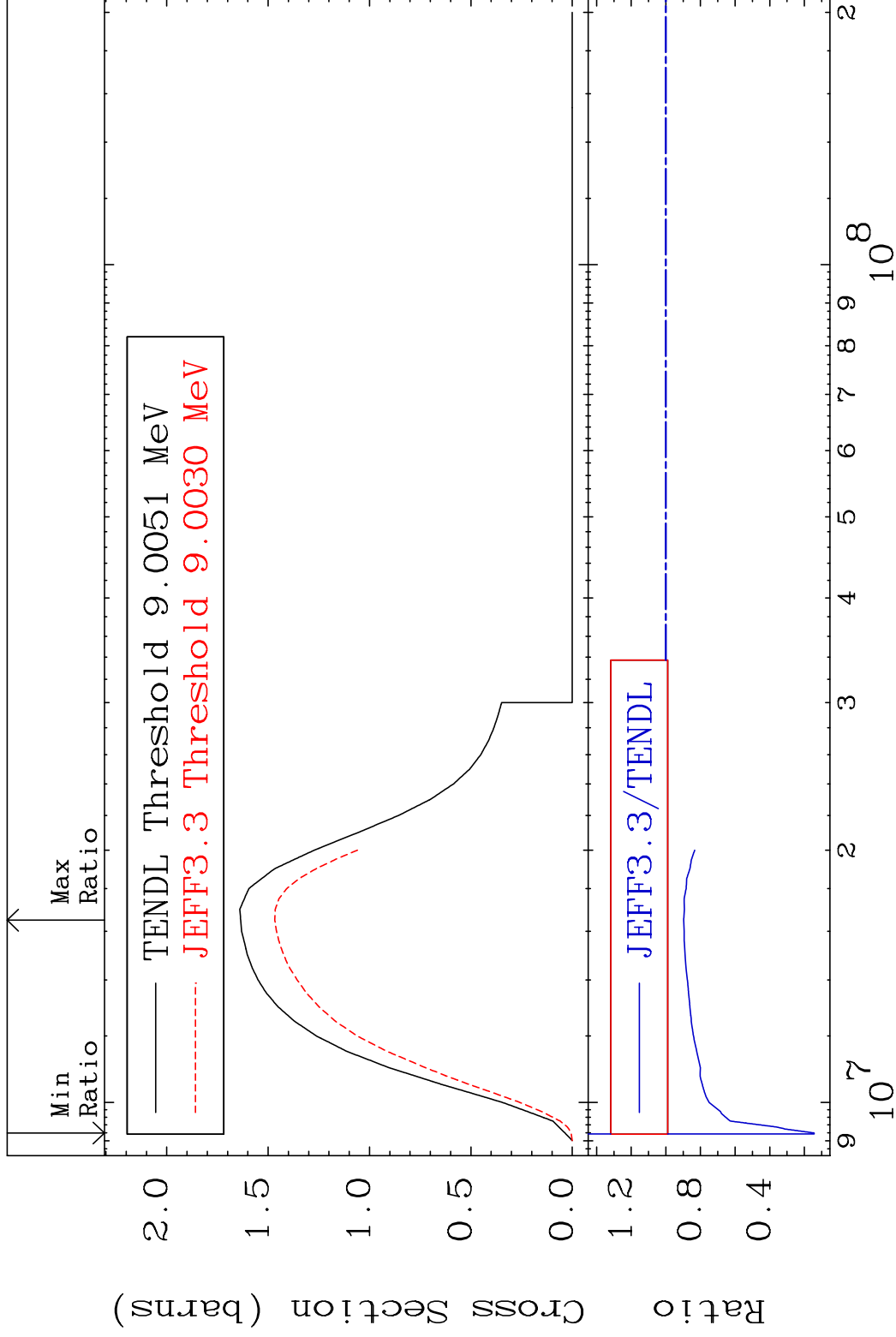
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -85.64 To -10.29%



4

Incident Energy (eV)

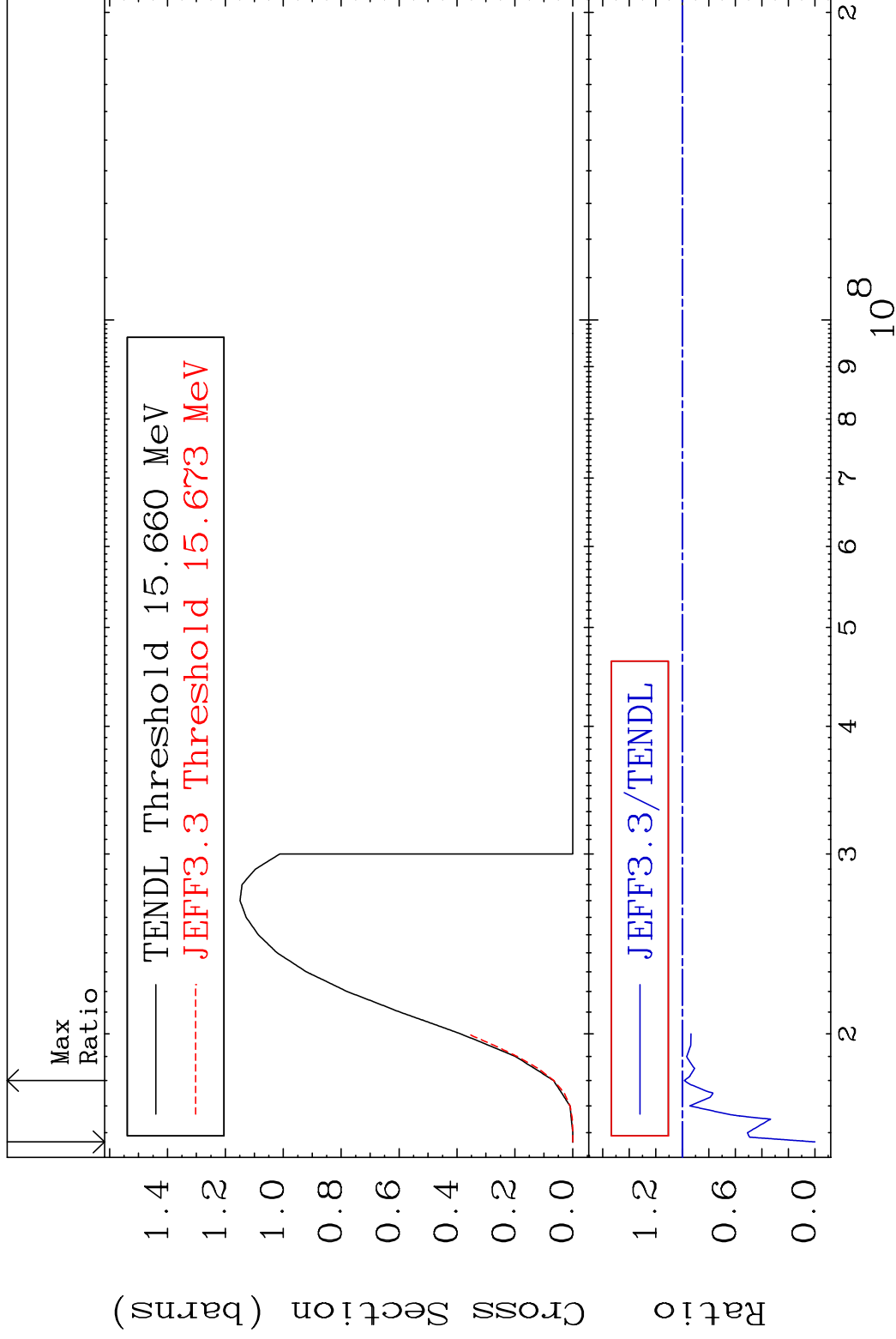
54-Xe-132

MAT 5449

(n,3n)

54-Xe-132

Cross Section -100.0 To -1.521%



5

Incident Energy (eV)

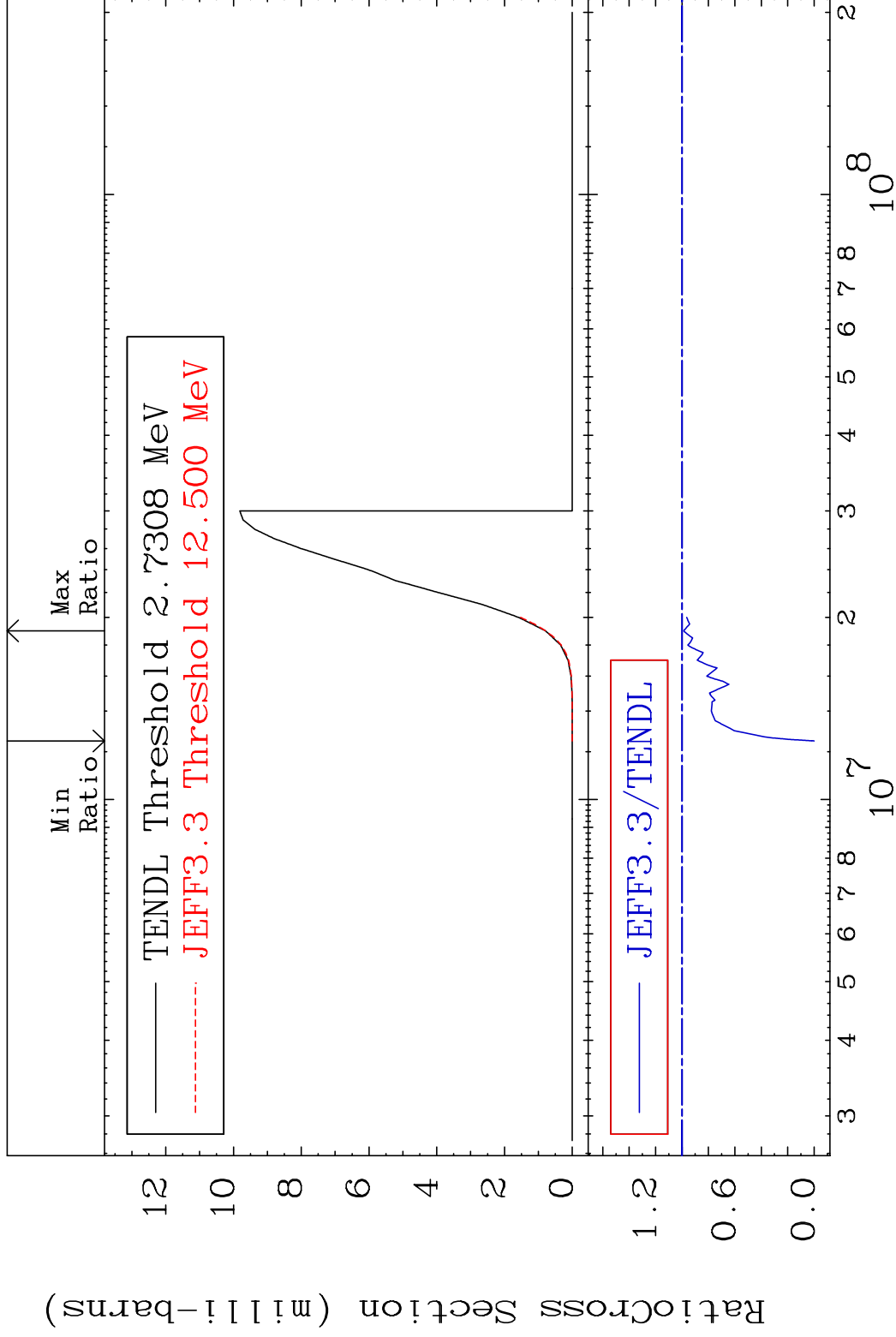
54-Xe-132

MAT 5449

(n, n') α

54-Xe-132

Cross Section -100.0 To -1.247%



6

Incident Energy (eV)

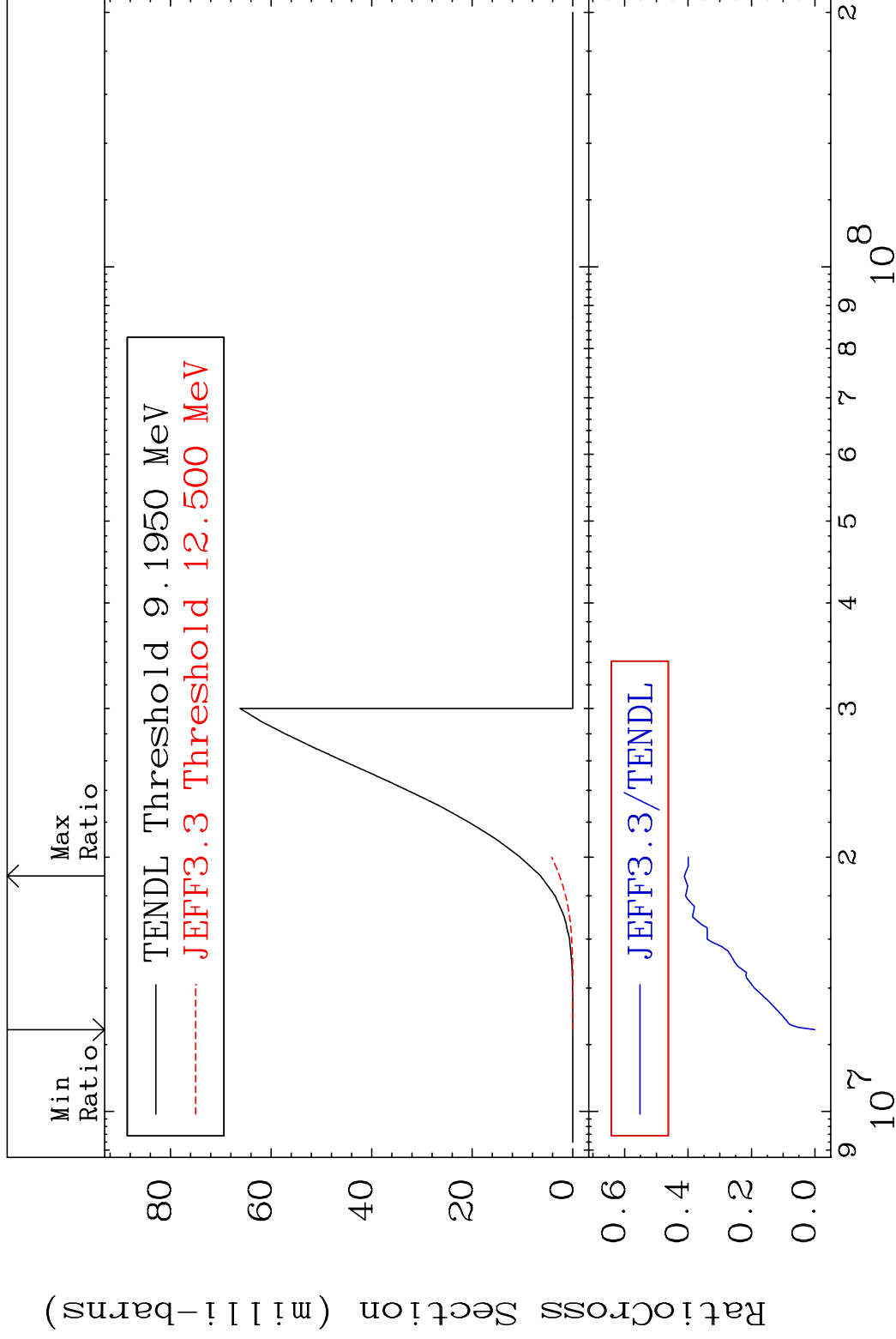
54-Xe-132

MAT 5449

(n, n') p

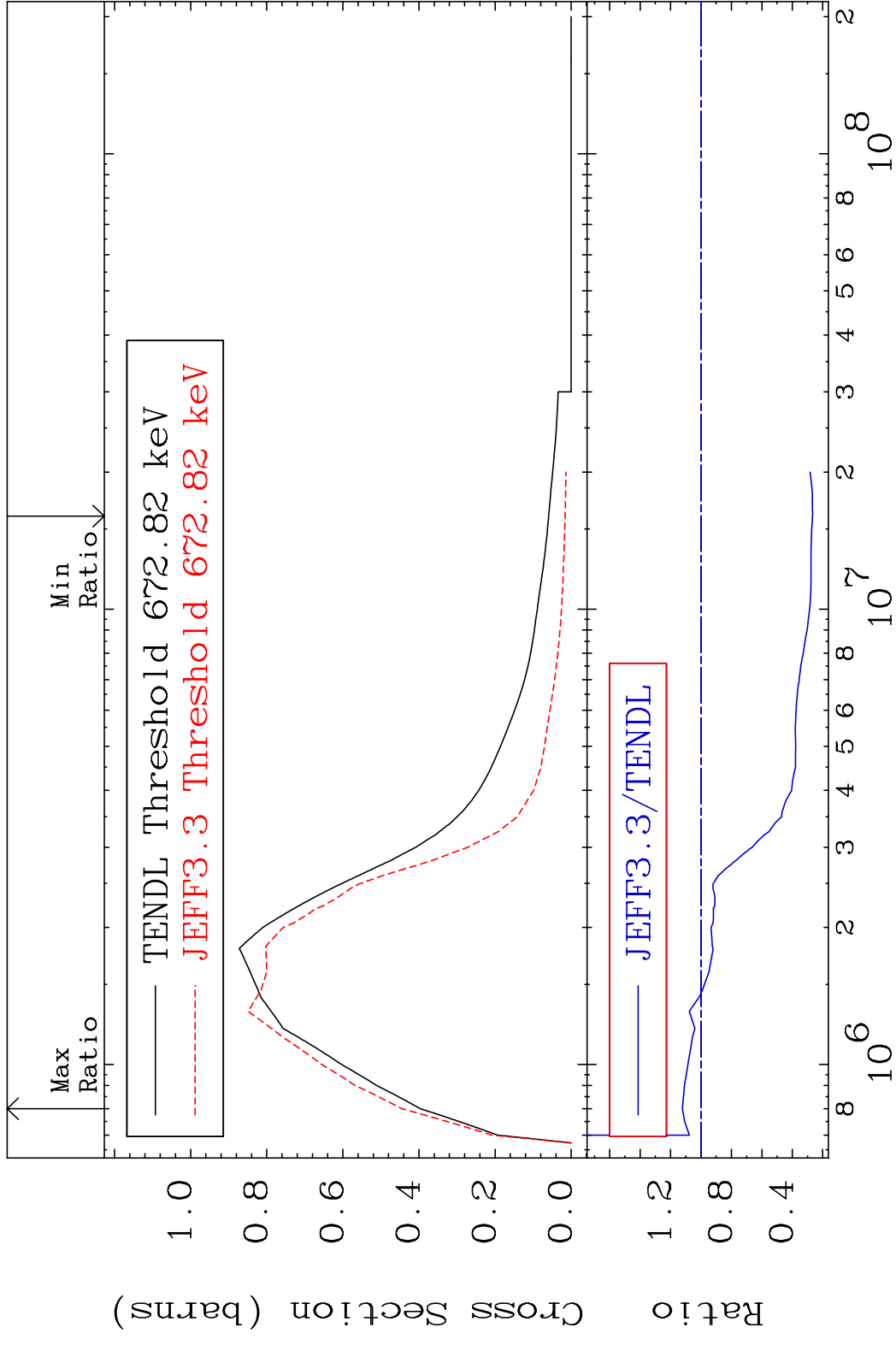
54-Xe-132

Cross Section -100.0 To -58.81%



7 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 51 (n, n') Level 54-Xe-132
 Cross Section -73.30 To 12.26 %



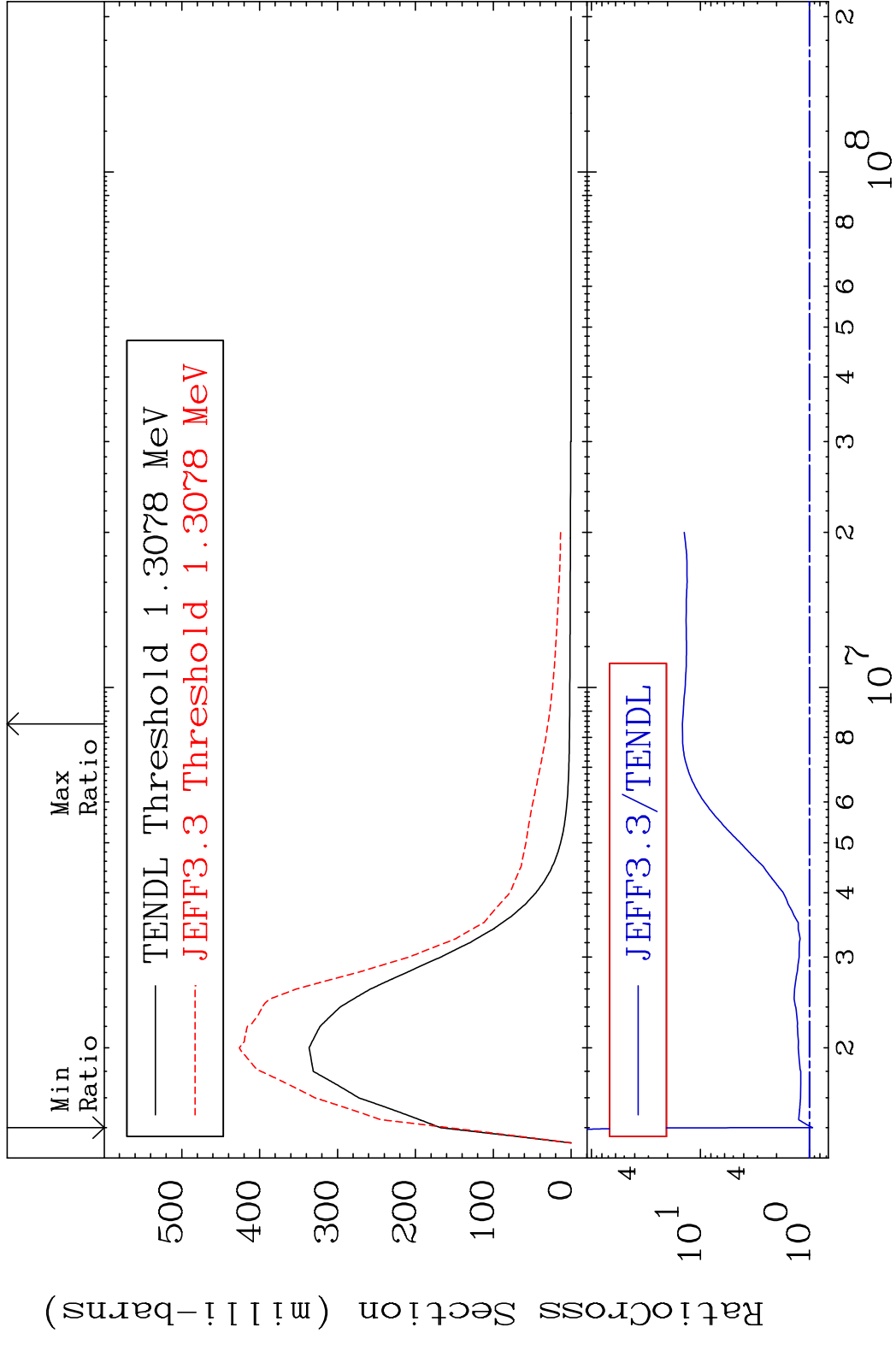
8 Incident Energy (eV) 54-Xe-132

MAT 5449

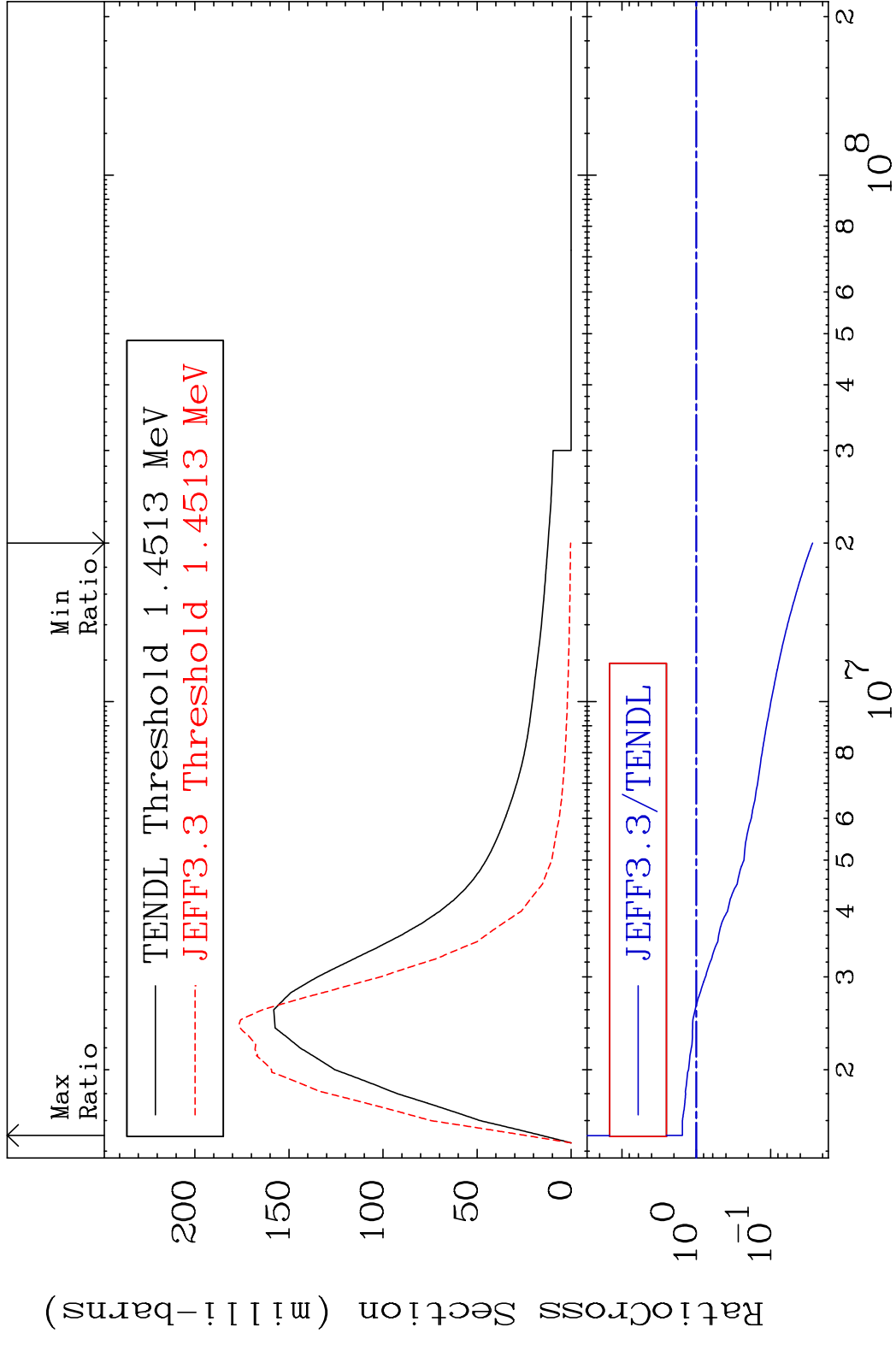
MT= 52 (n,n') Level

54-Xe-132

Cross Section -6.369 To 1365. %

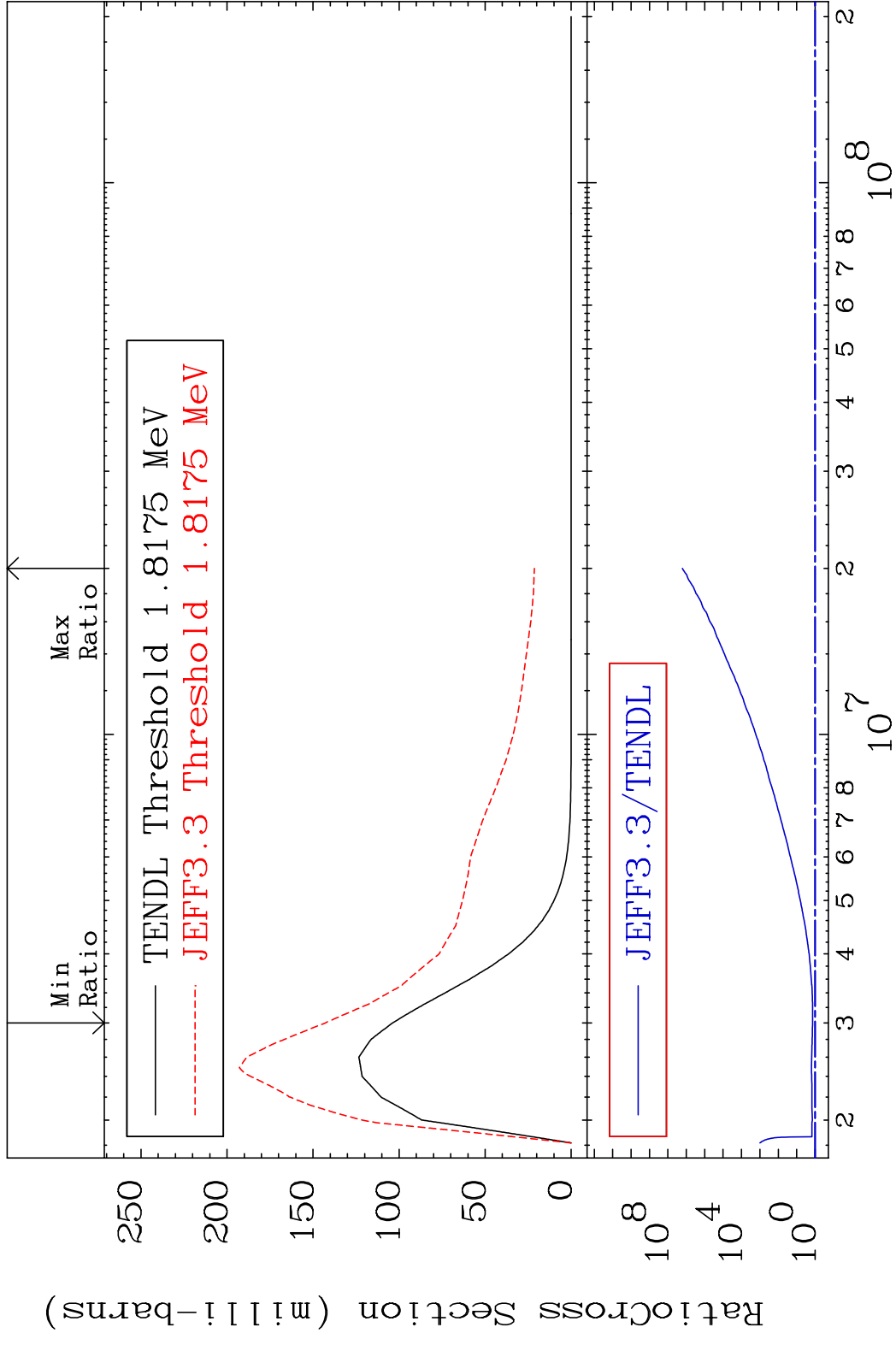


MAT 5449 MT= 53 (n, n') Level 54-Xe-132
 Cross Section -97.27 To 54.03 %

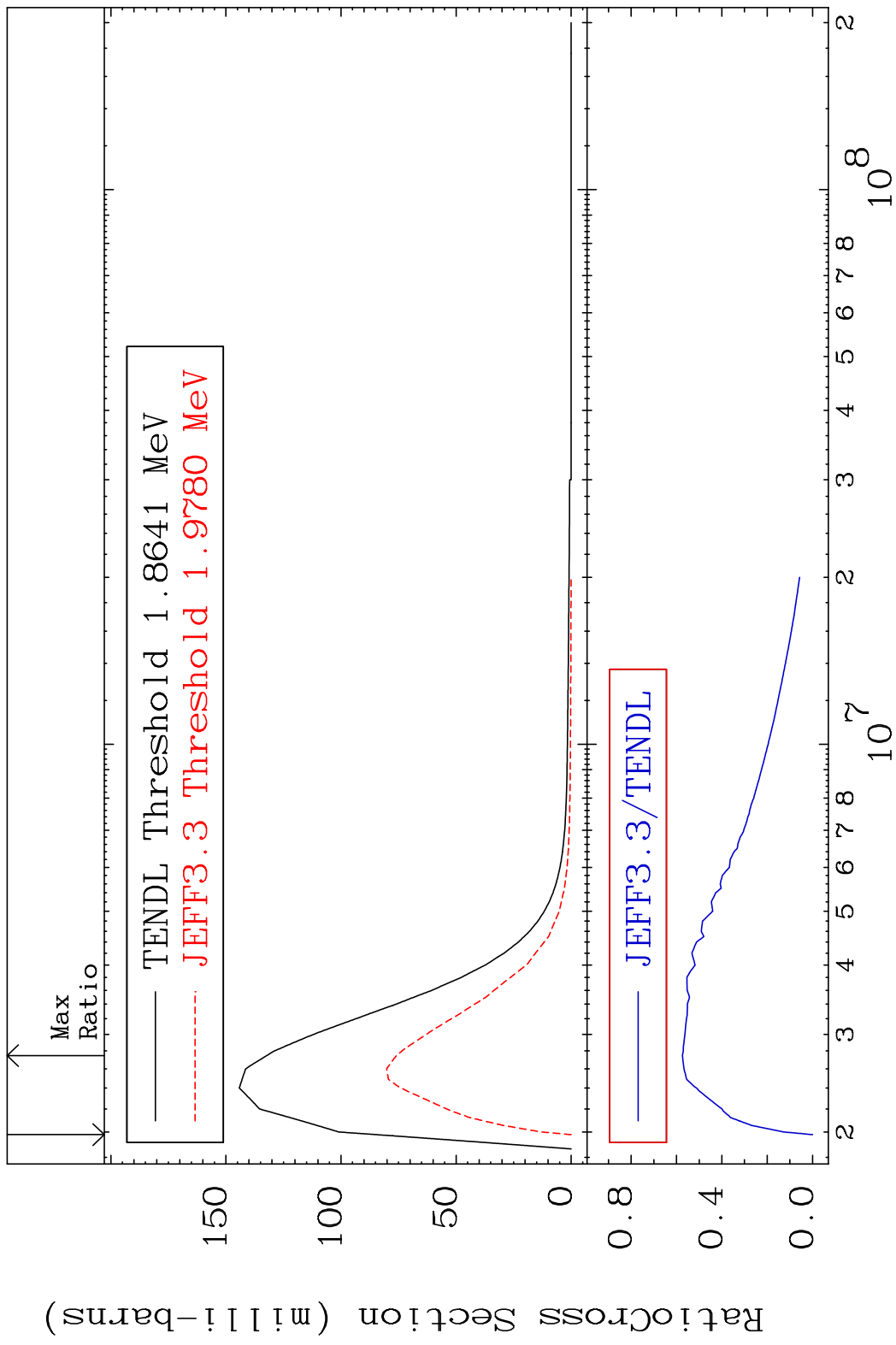


10 Incident Energy (eV) 54-Xe-132

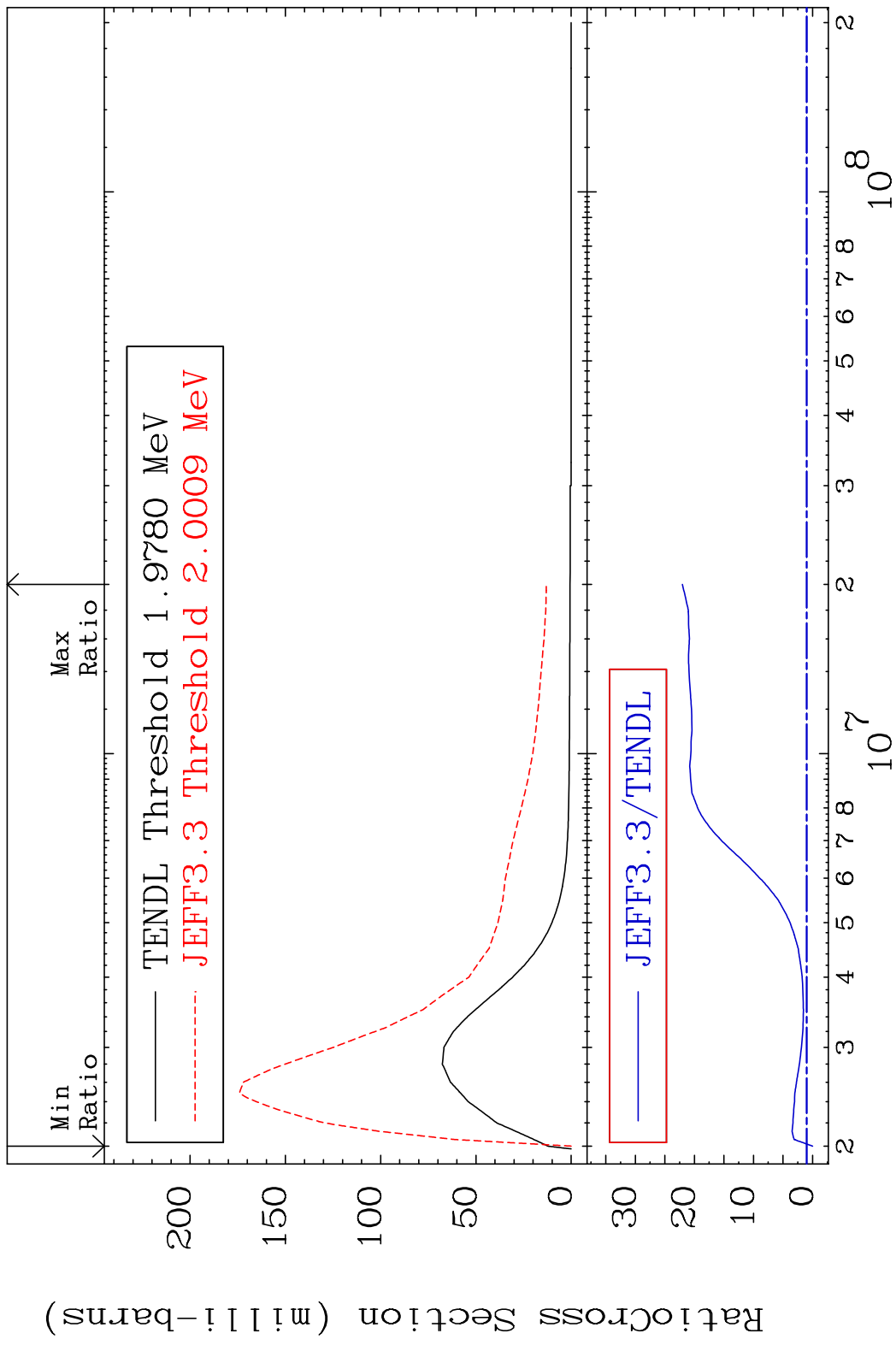
MAT 5449 MT= 54 (n, n') Level 54-Xe-132
 Cross Section 37.64 To 9999. %



MAT 5449 MT= 55 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -42.59%



MAT 5449 MT= 56 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 2104. %

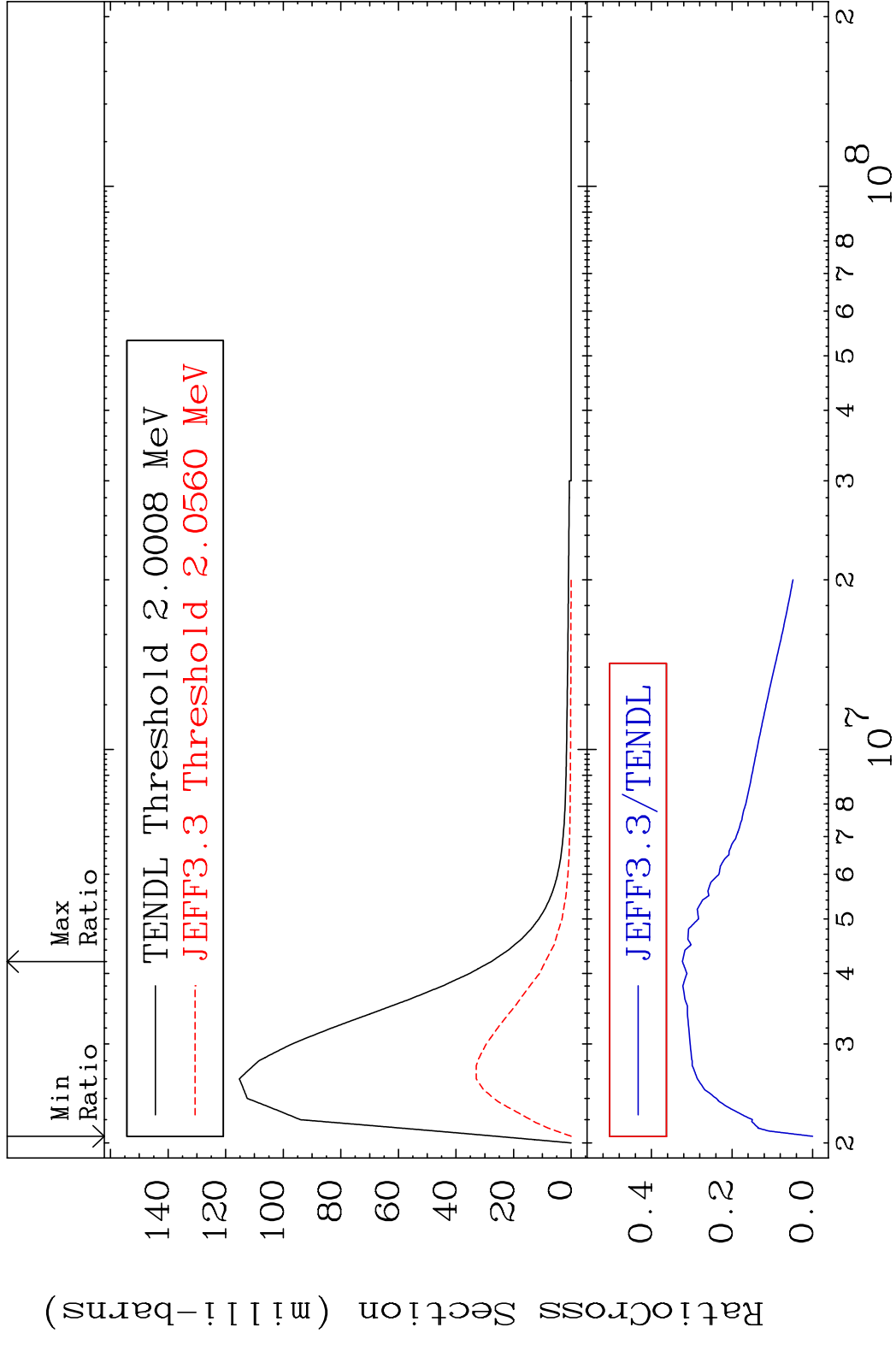


MAT 5449

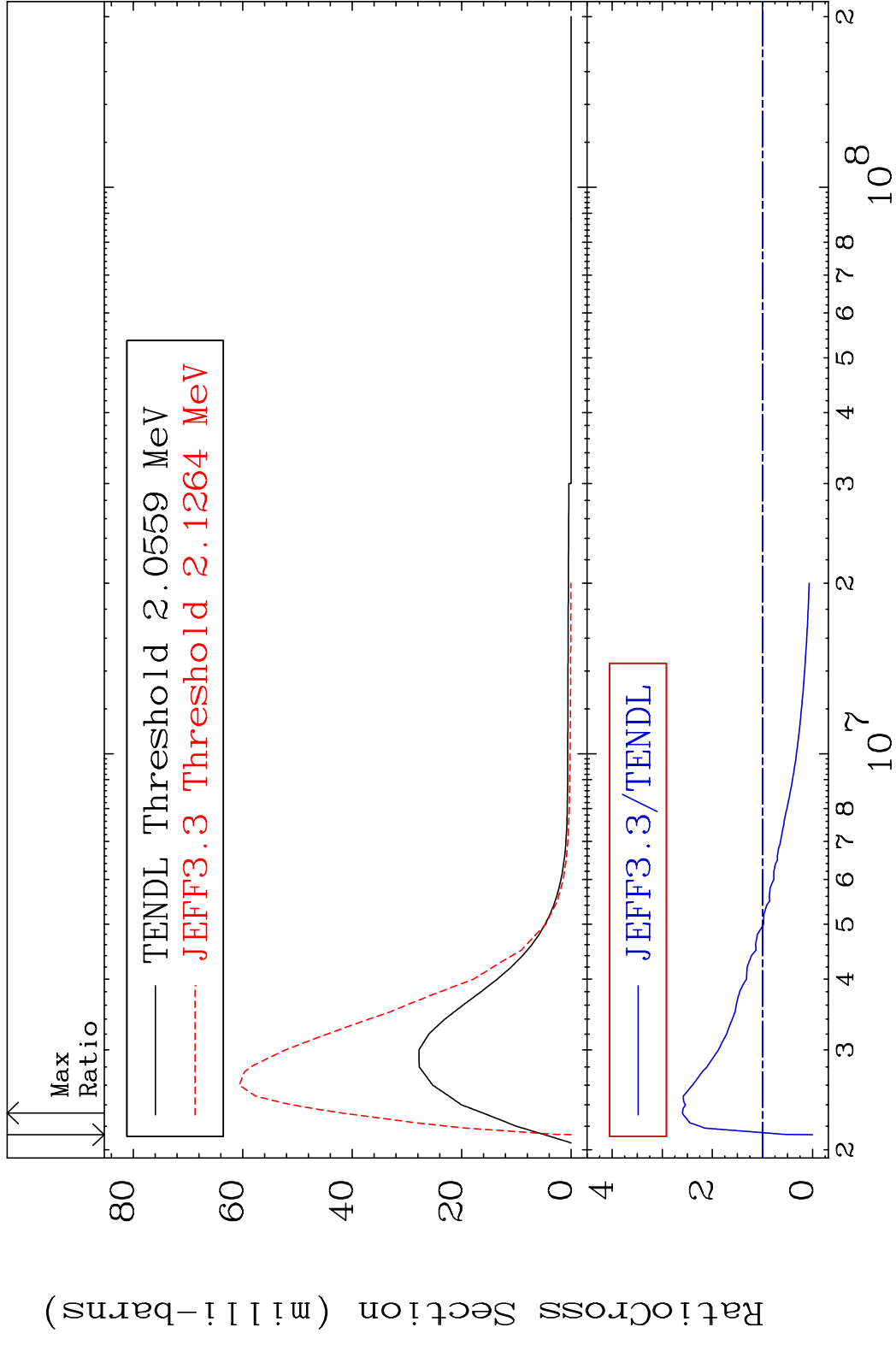
MT= 57 (n, n') Level

54-Xe-132

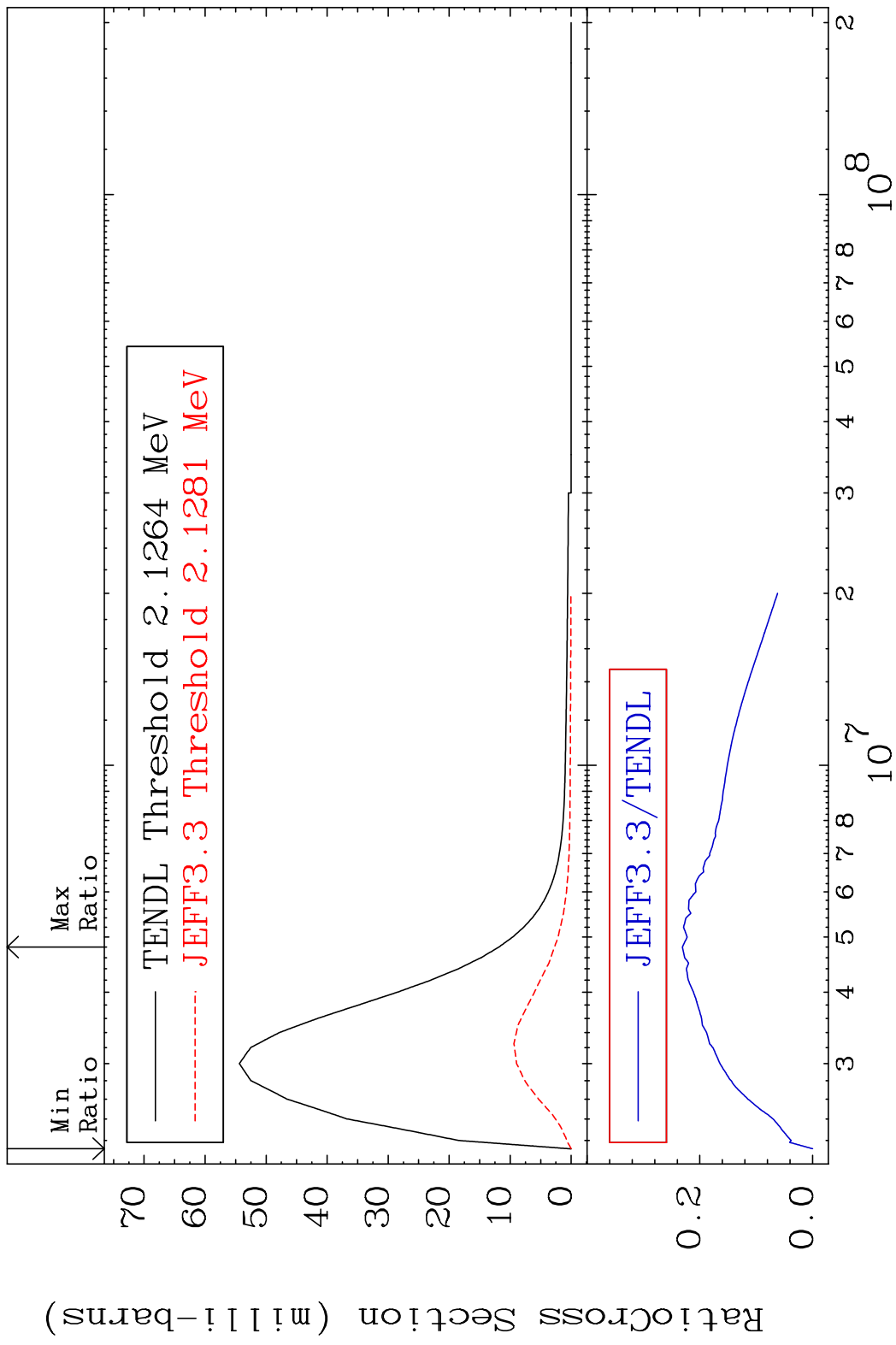
Cross Section -100.0 To -67.68%



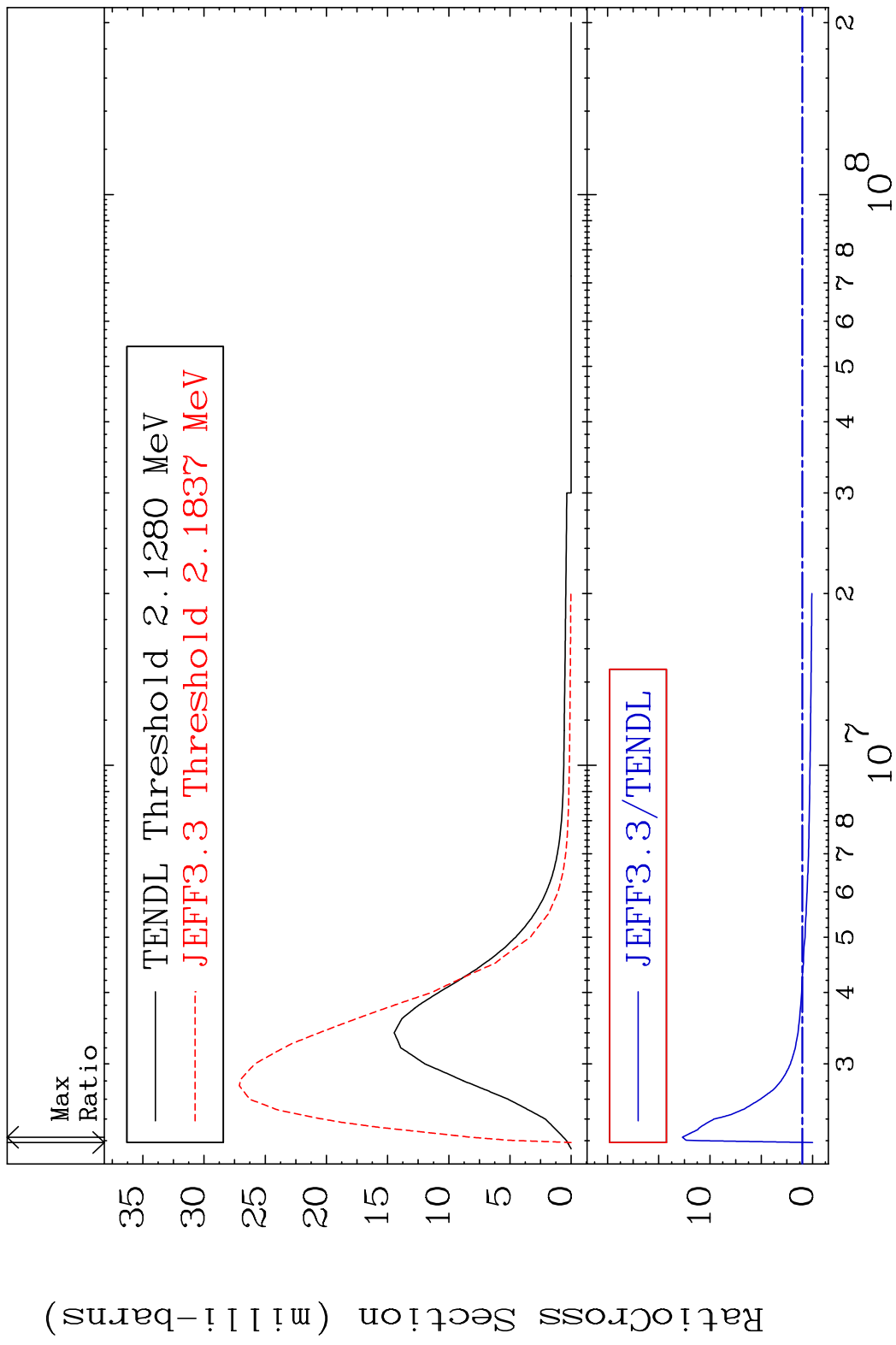
MAT 5449 MT= 58 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 159.9 %



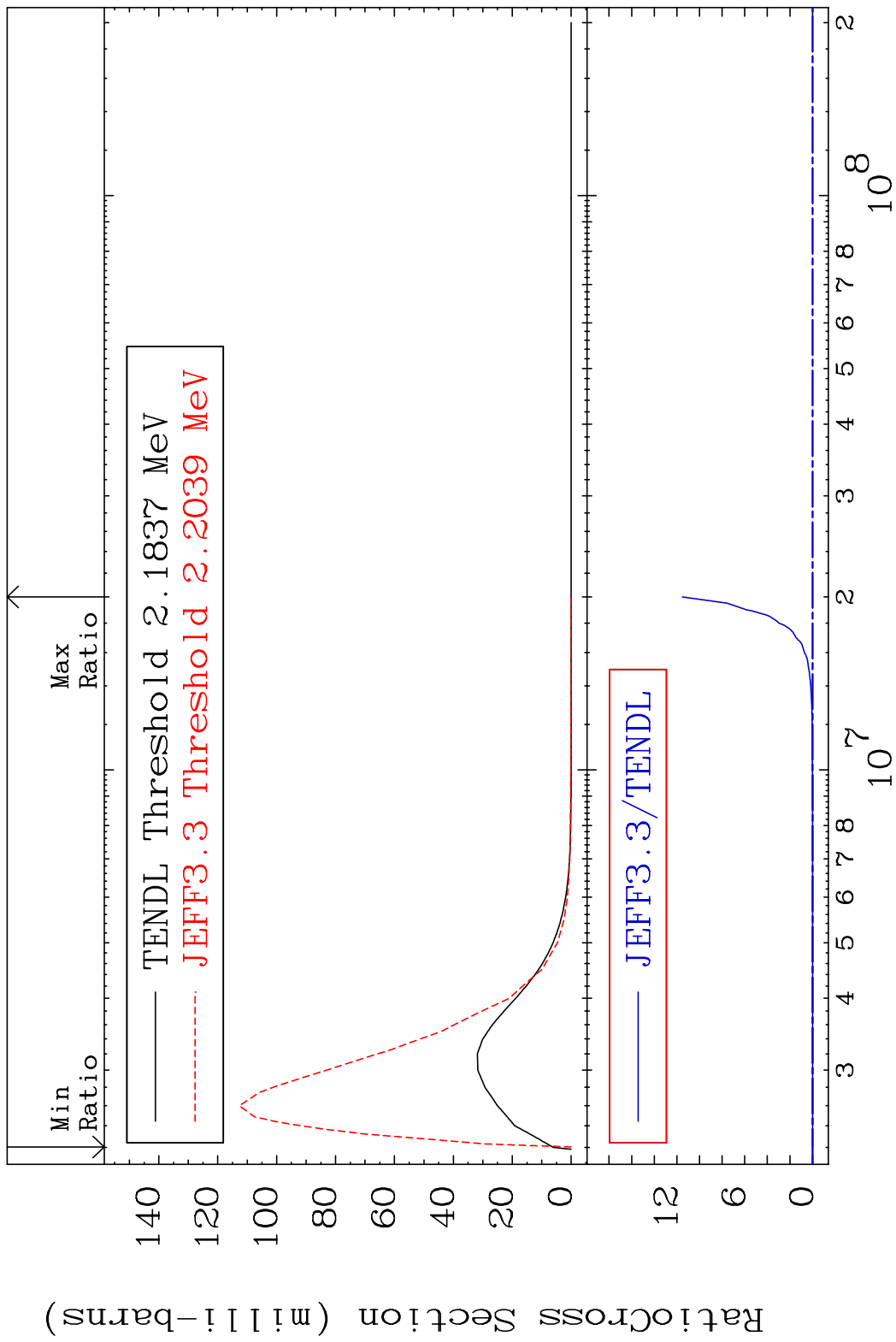
MAT 5449 MT= 59 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -76.90%



MAT 5449 MT= 60 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 1170. %

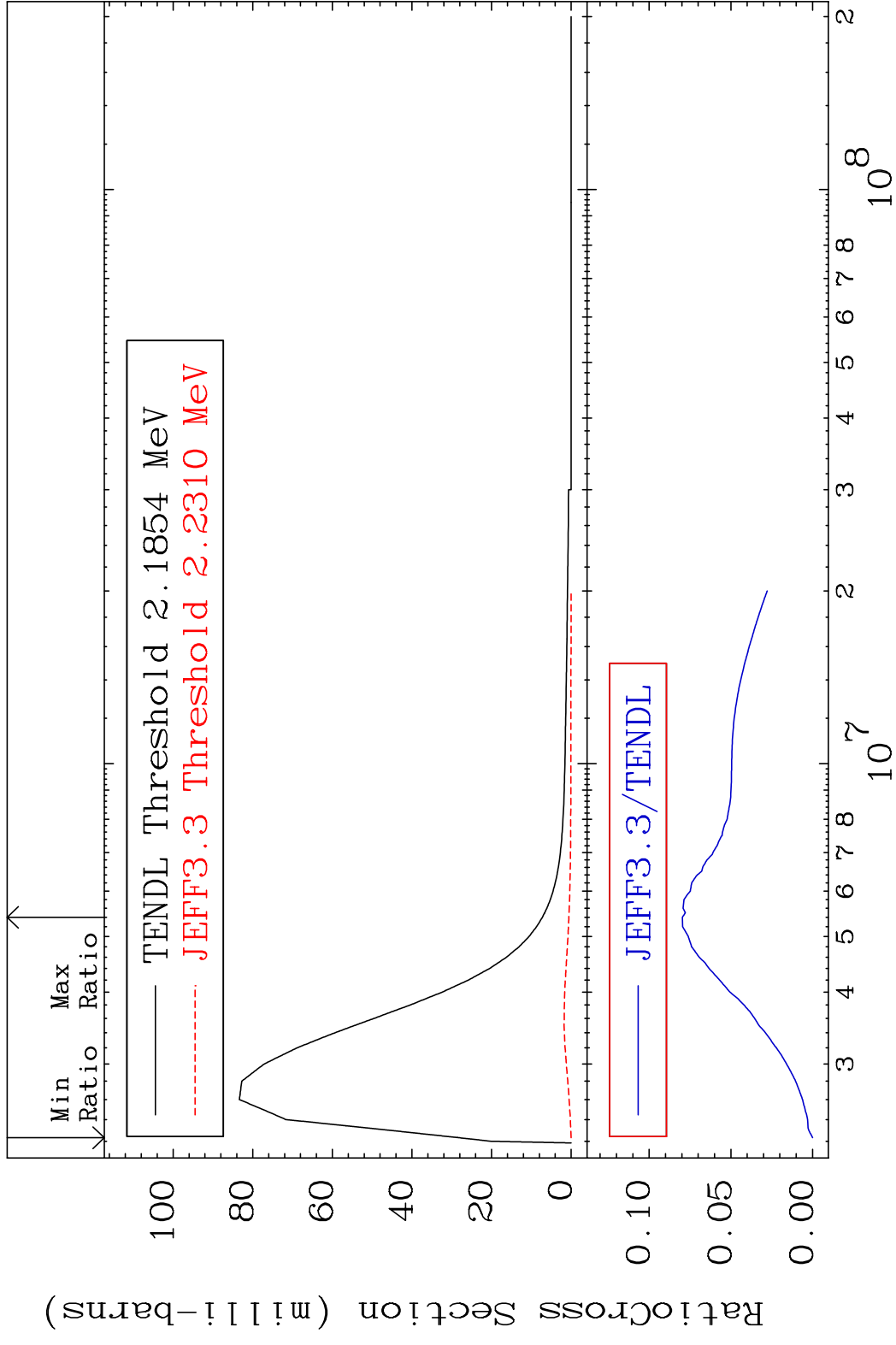


MAT 5449 MT= 61 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

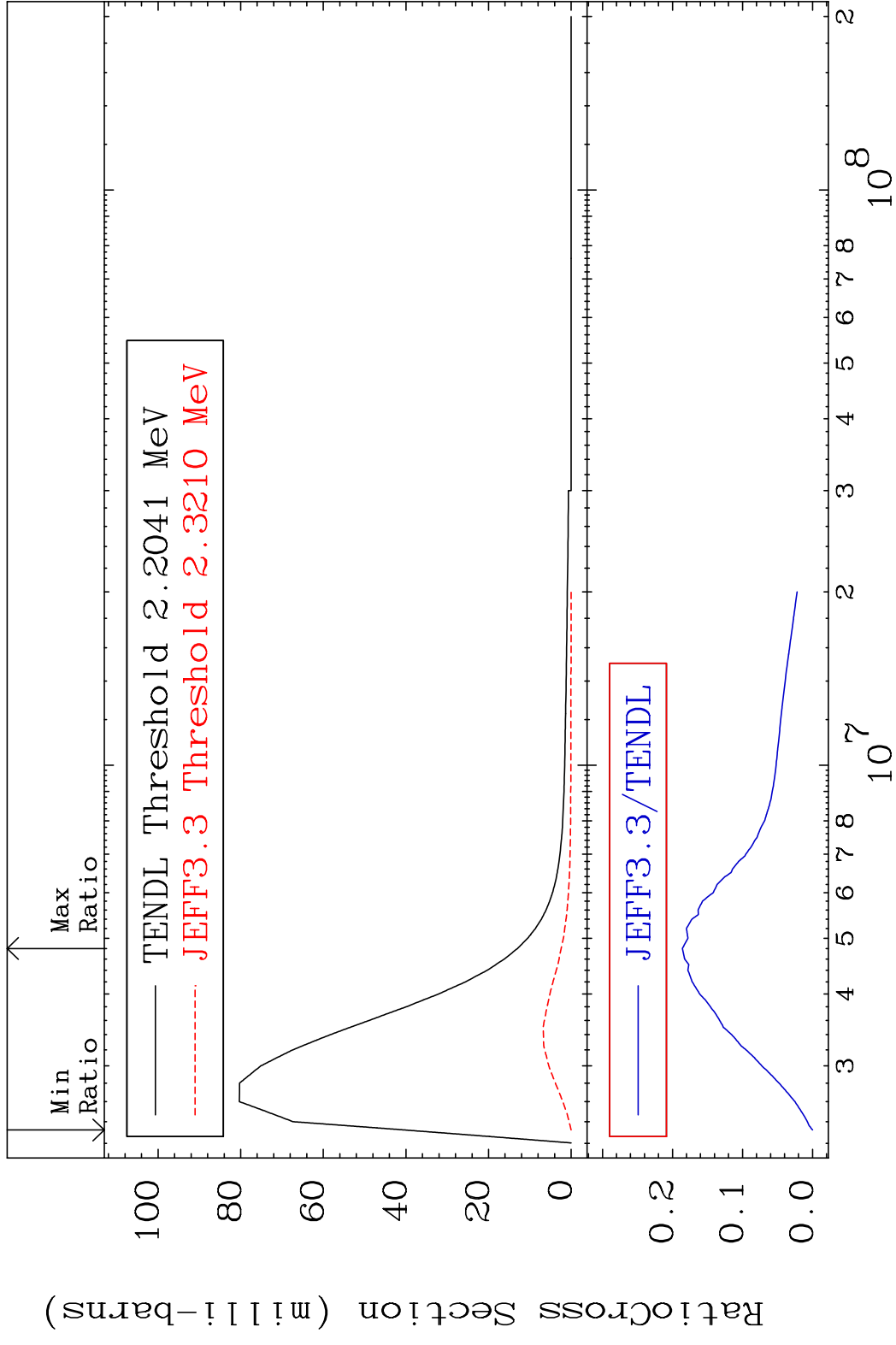


18 Incident Energy (eV) 54-Xe-132

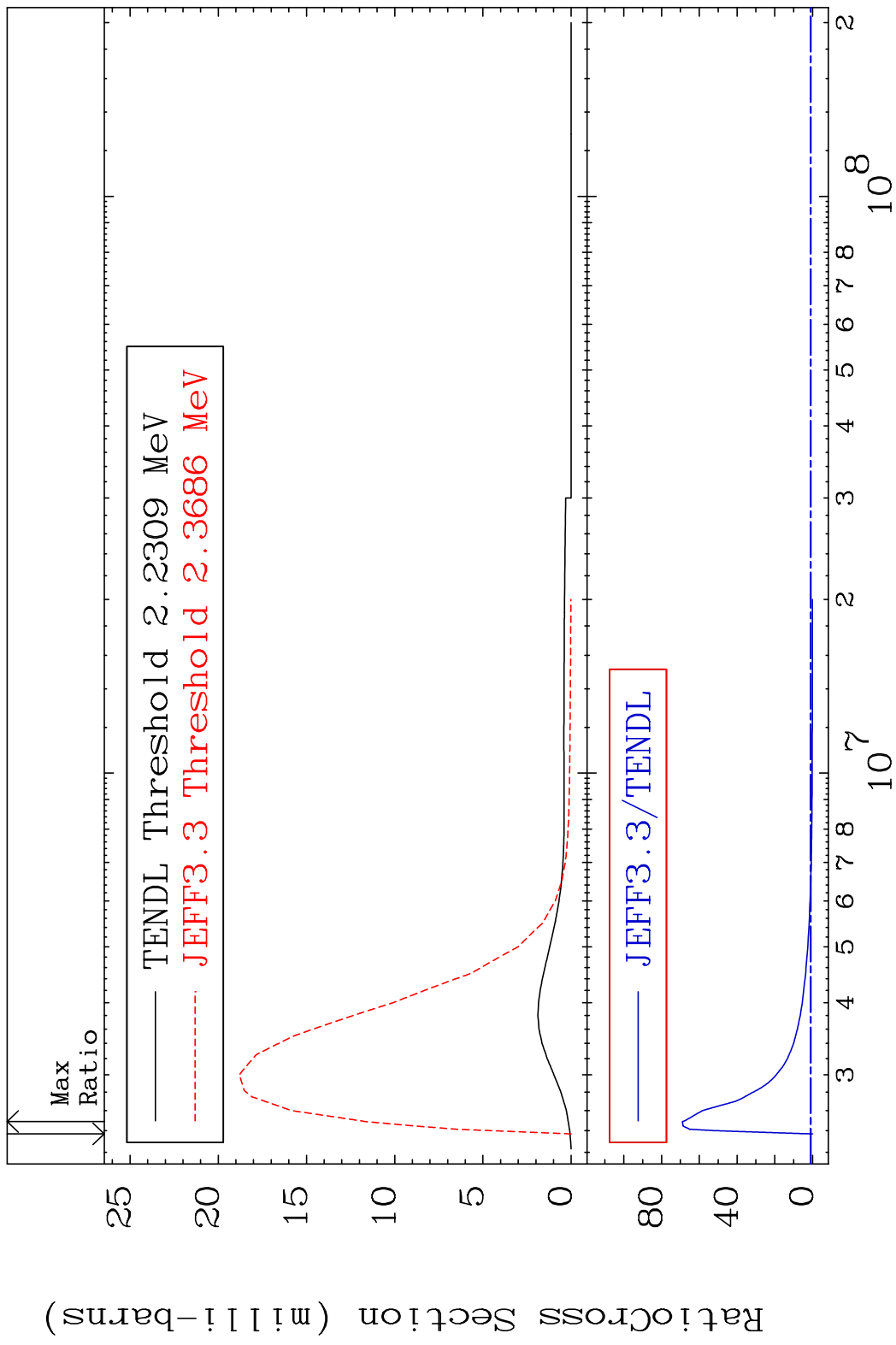
MAT 5449 MT= 62 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -92.03%



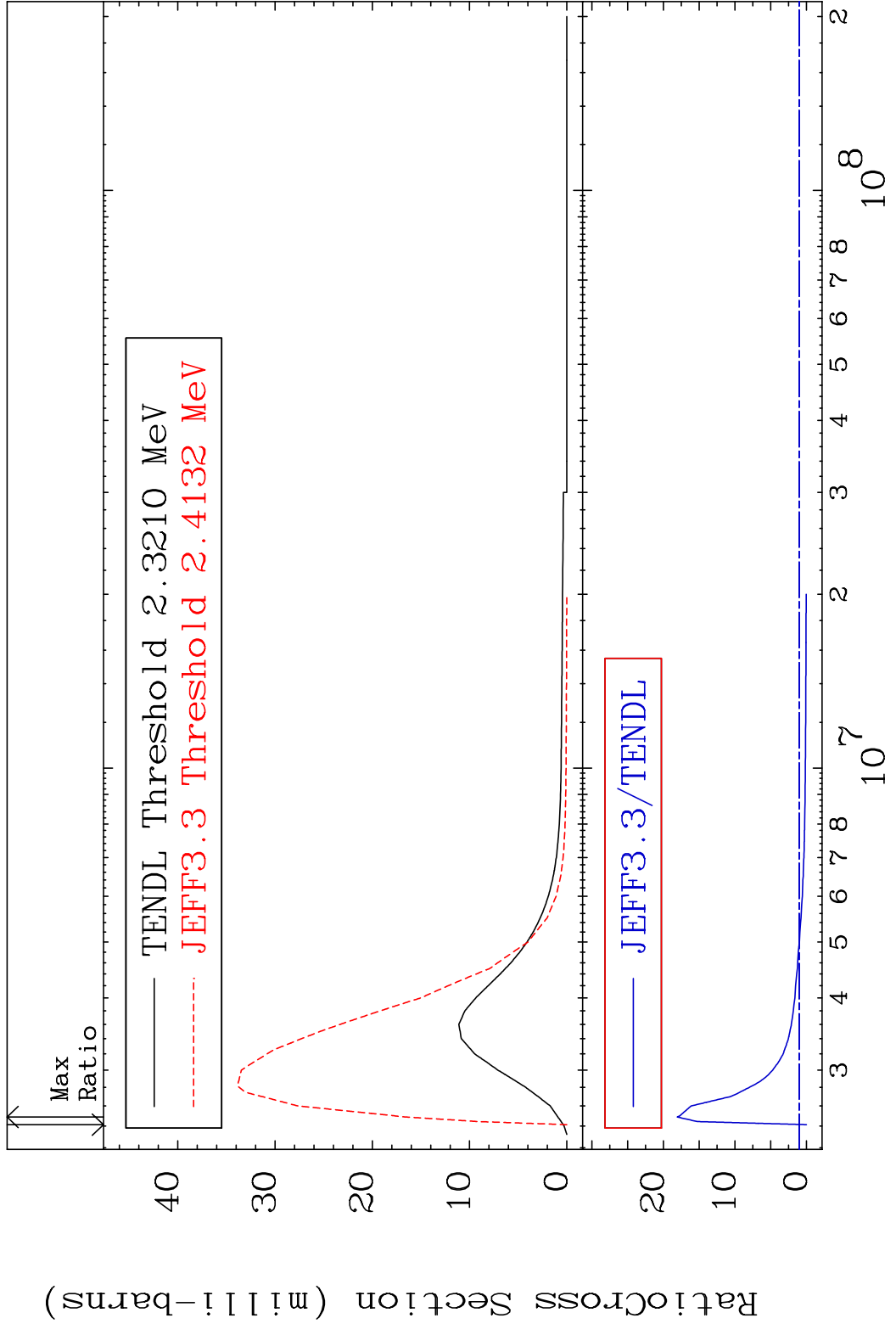
MAT 5449 MT= 63 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -81.41%



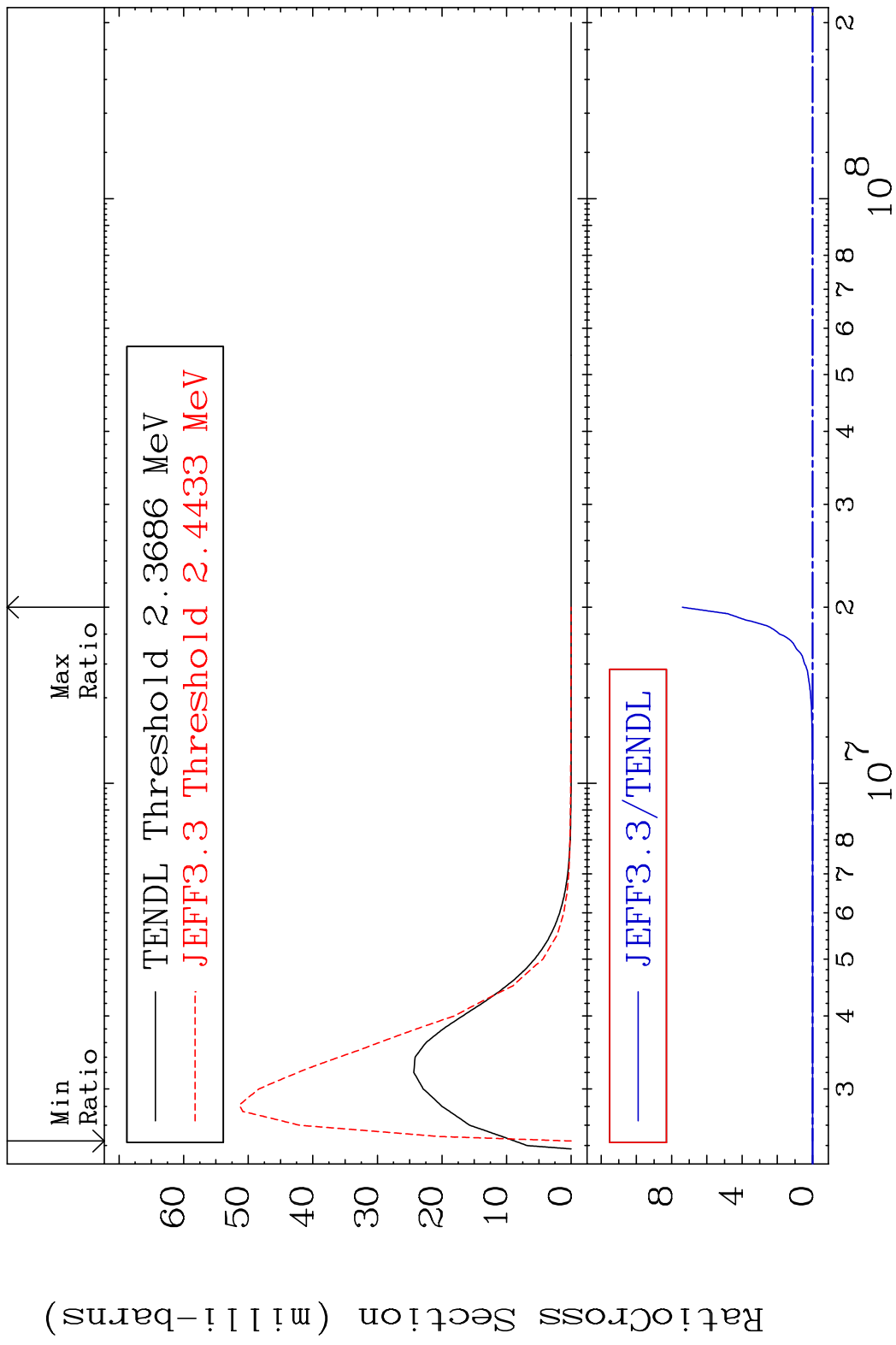
MAT 5449 MT= 64 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 6798. %



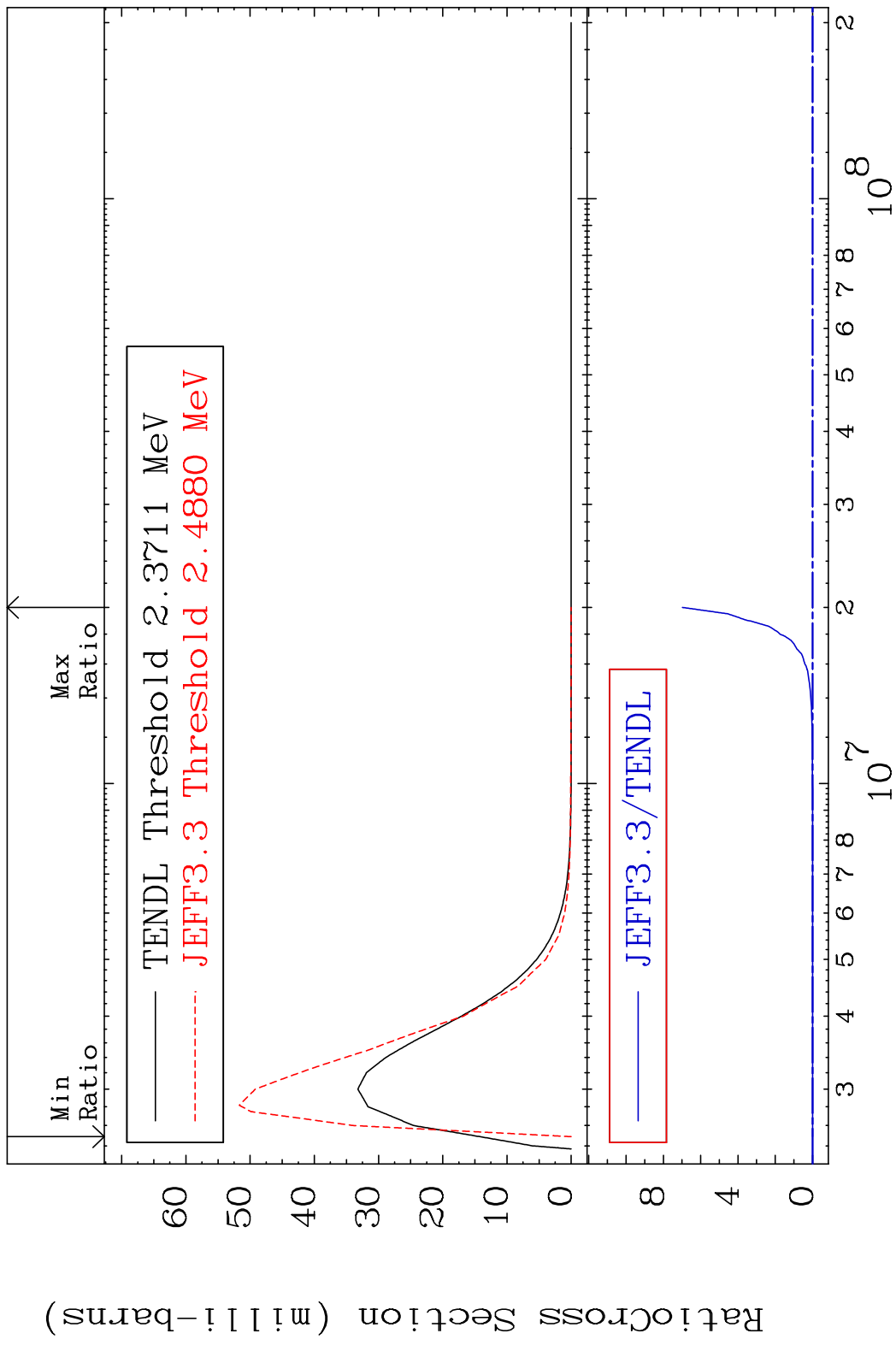
MAT 5449 MT= 65 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 1707. %



MAT 5449 MT= 66 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 MT= 67 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

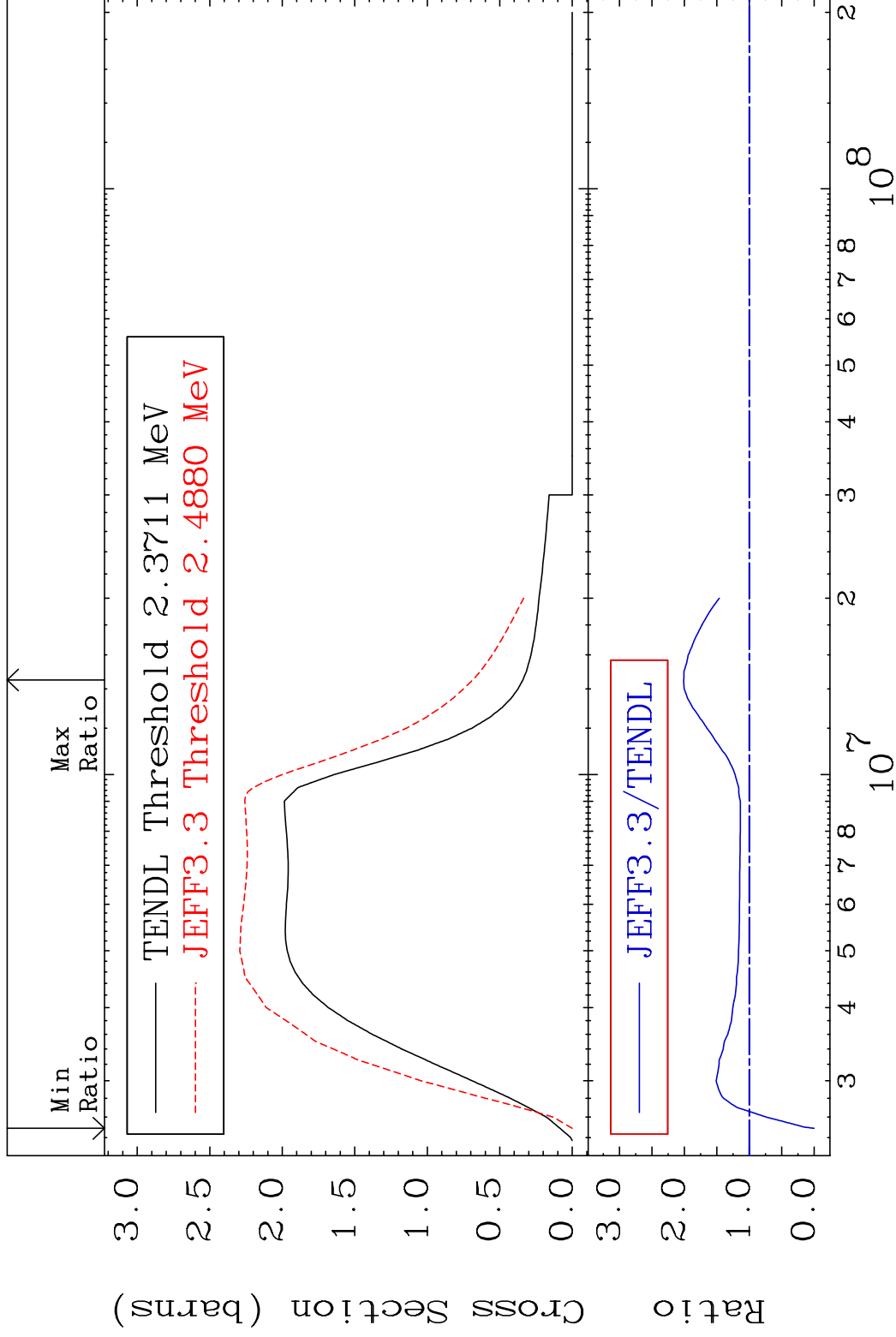


MAT 5449

(n,n') Continuum

54-Xe-132

Cross Section -100.0 To 101.2 %



25

Incident Energy (eV)

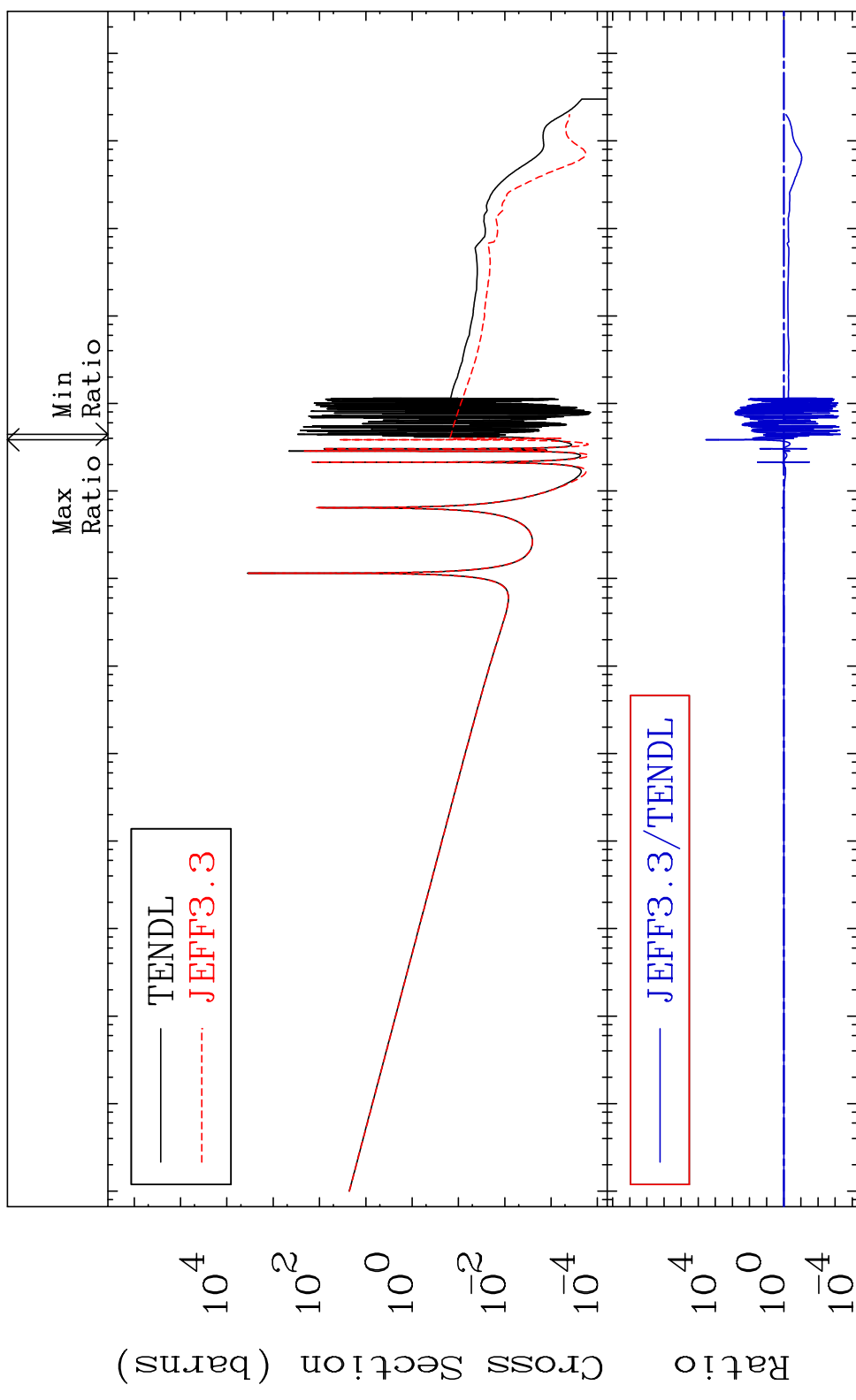
54-Xe-132

MAT 5449

(n, γ)

54-Xe-132

Cross Section -99.95 To 9999. %



26

Incident Energy (eV)

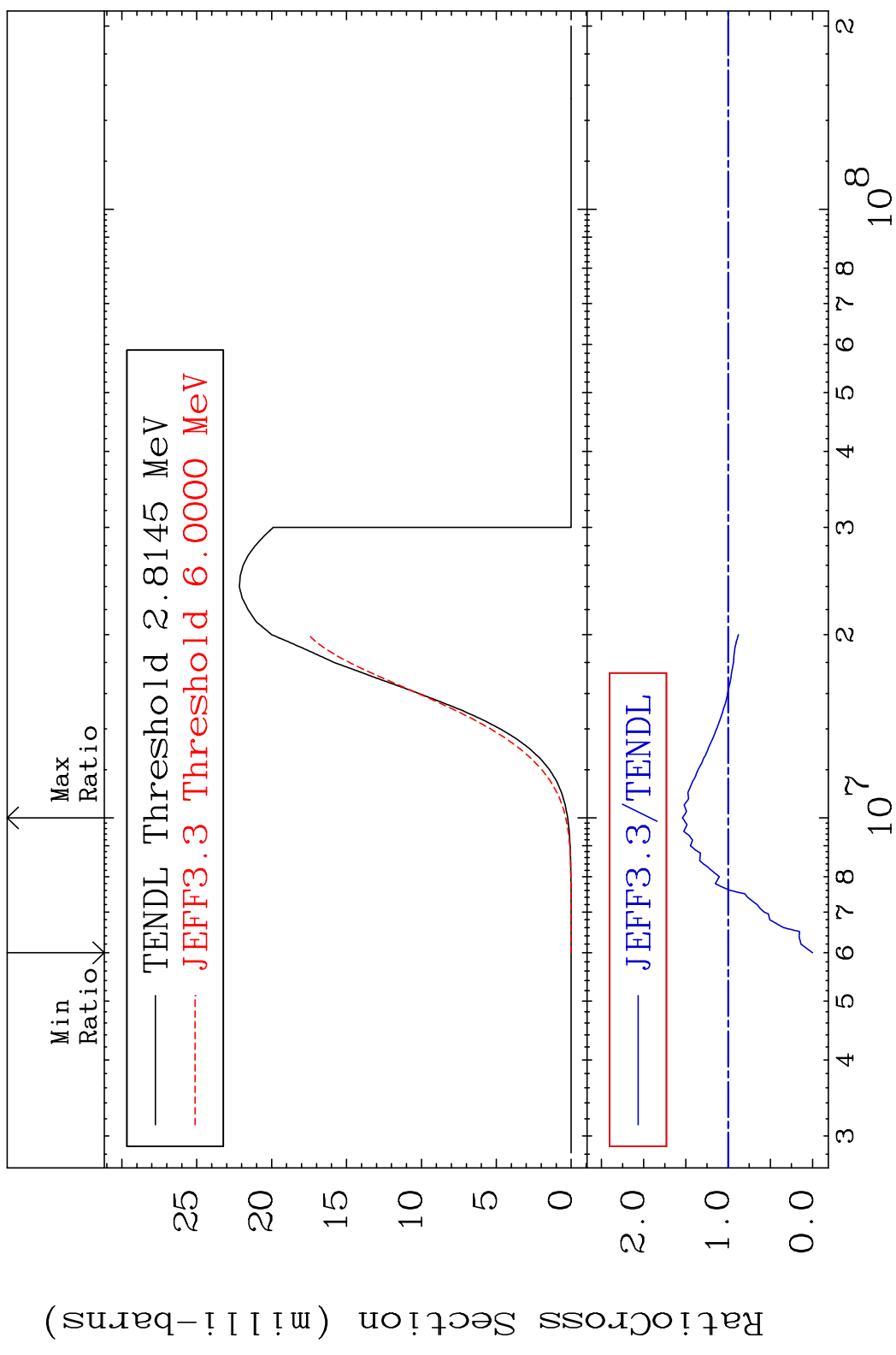
54-Xe-132

MAT 5449

(n, p)

54-Xe-132

Cross Section -100.0 To 54.20 %

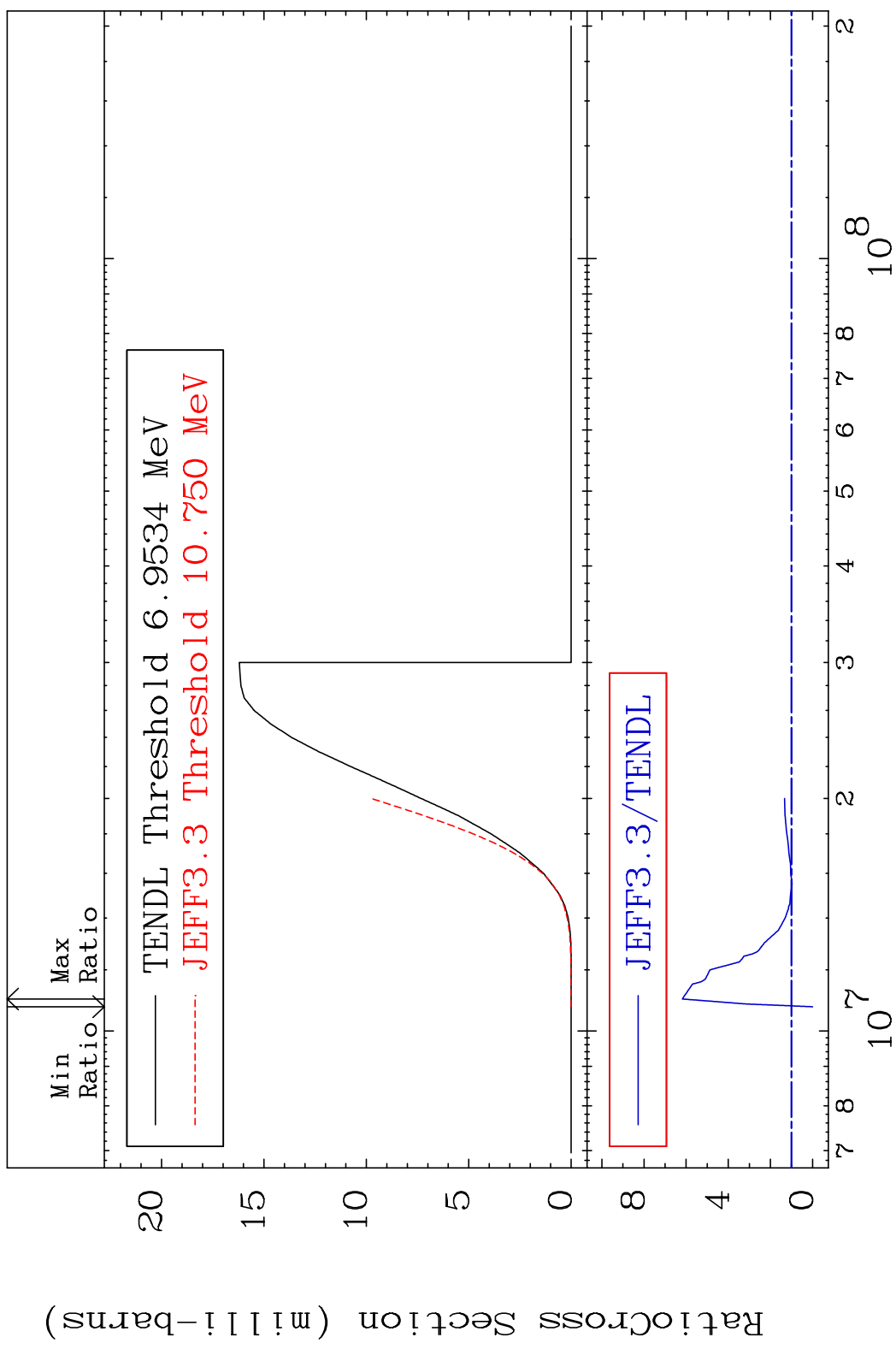


MAT 5449

(n, d)

54-Xe-132

Cross Section -100.0 To 518.0 %

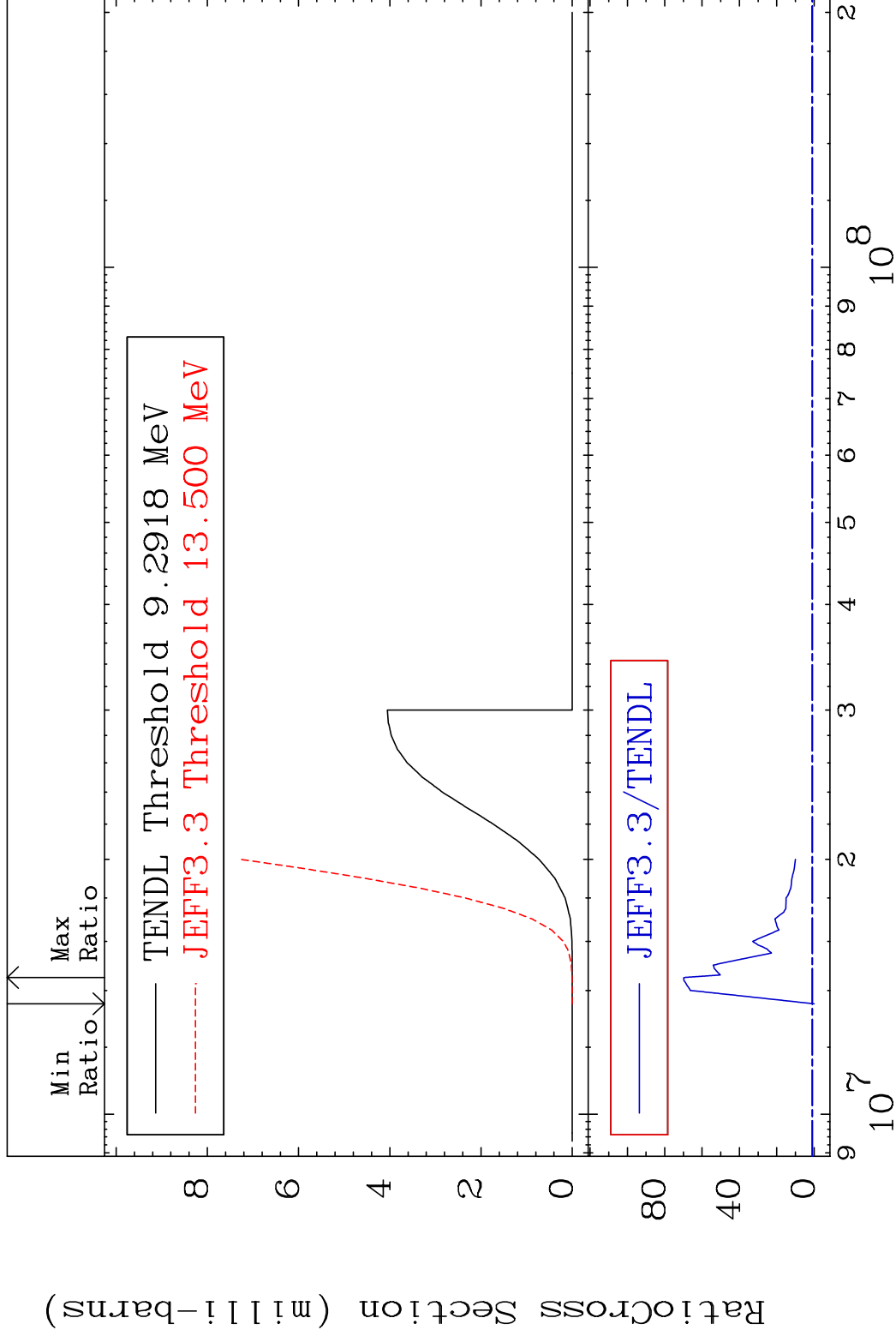


MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 6887. %



29

Incident Energy (eV)

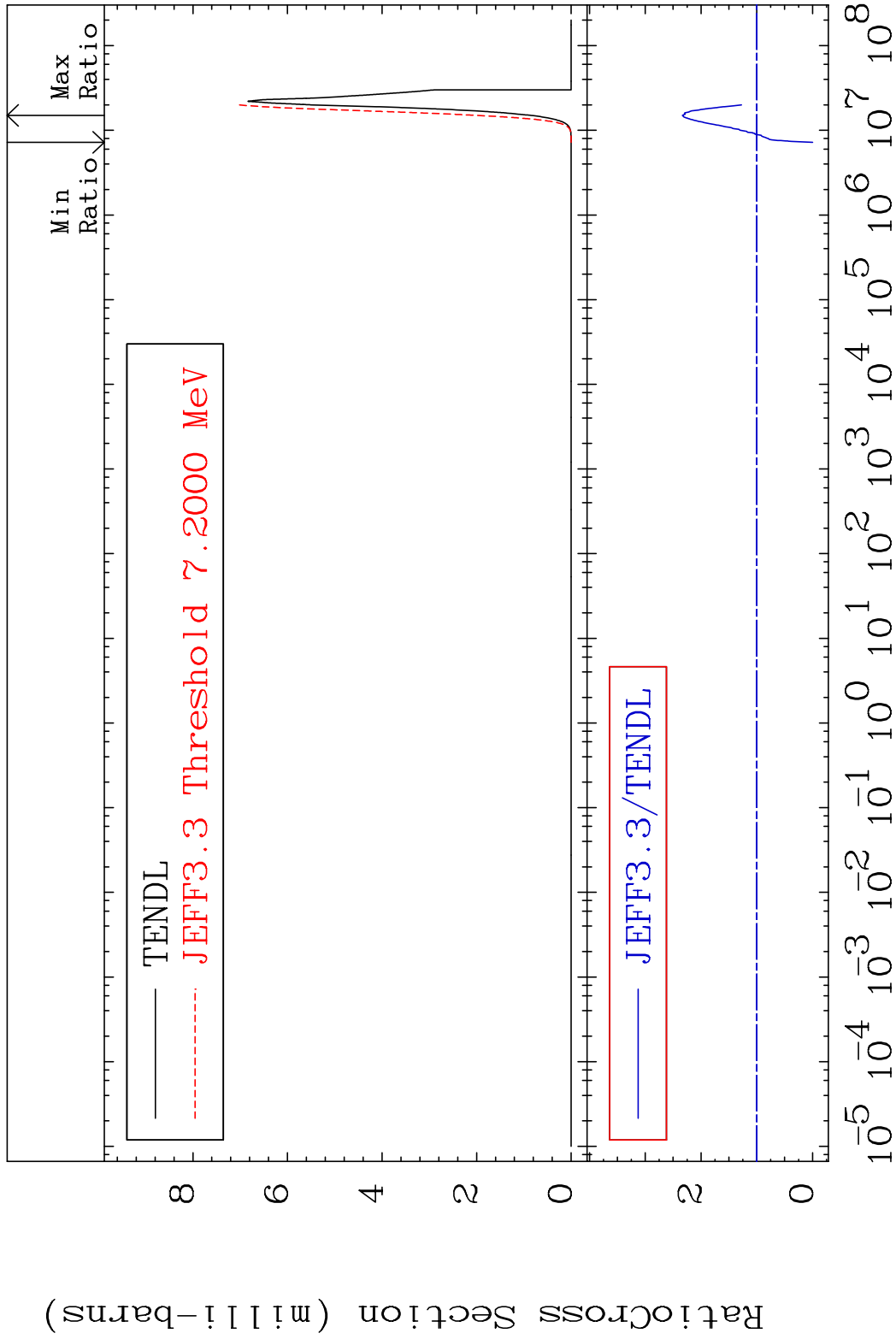
54-Xe-132

MAT 5449

(n, α)

54-Xe-132

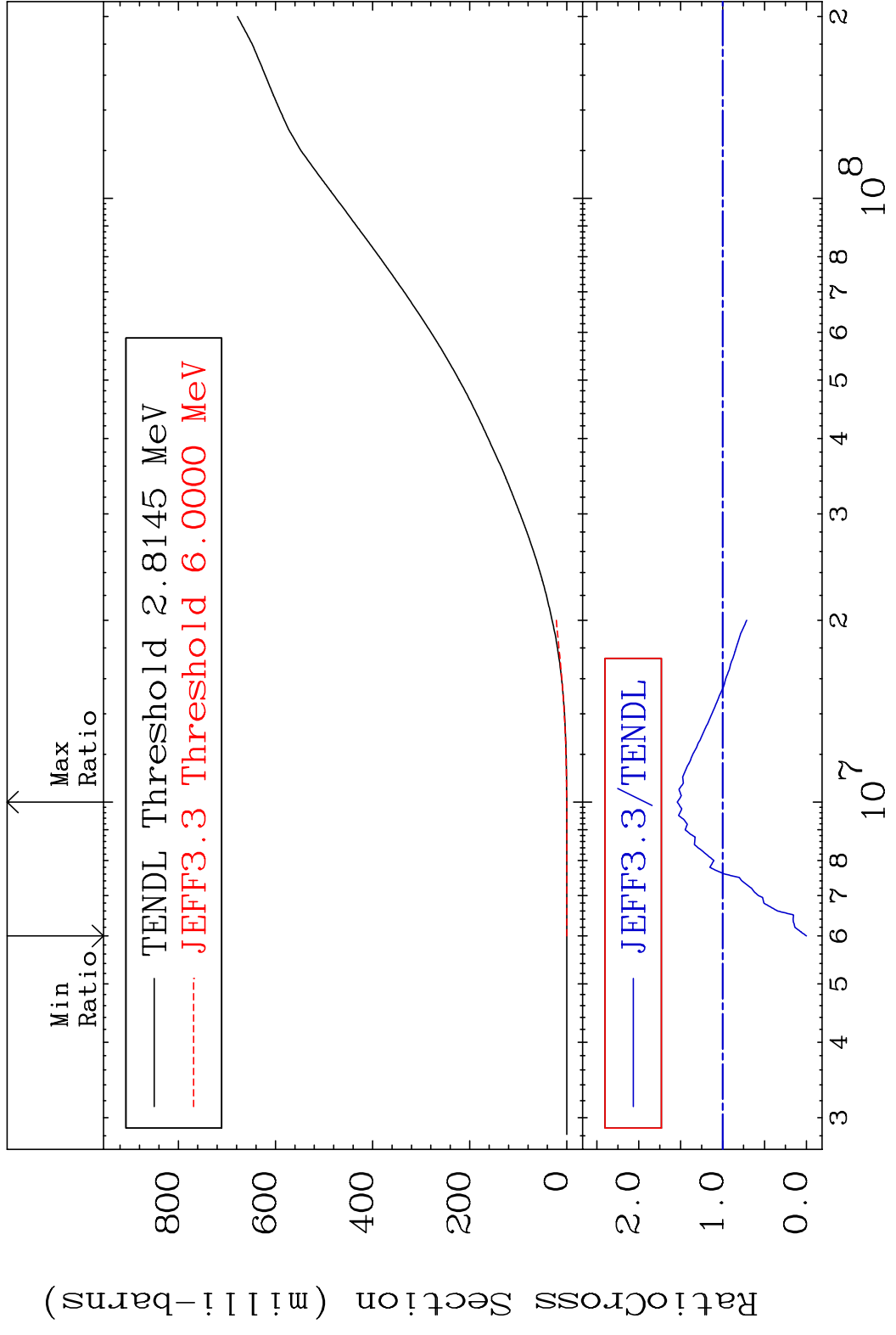
Cross Section -100.0 To 133.4 %



MAT 5449

Hydrogen Production
Cross Section -100.0 To 54.20 %

54-Xe-132



31

Incident Energy (eV)

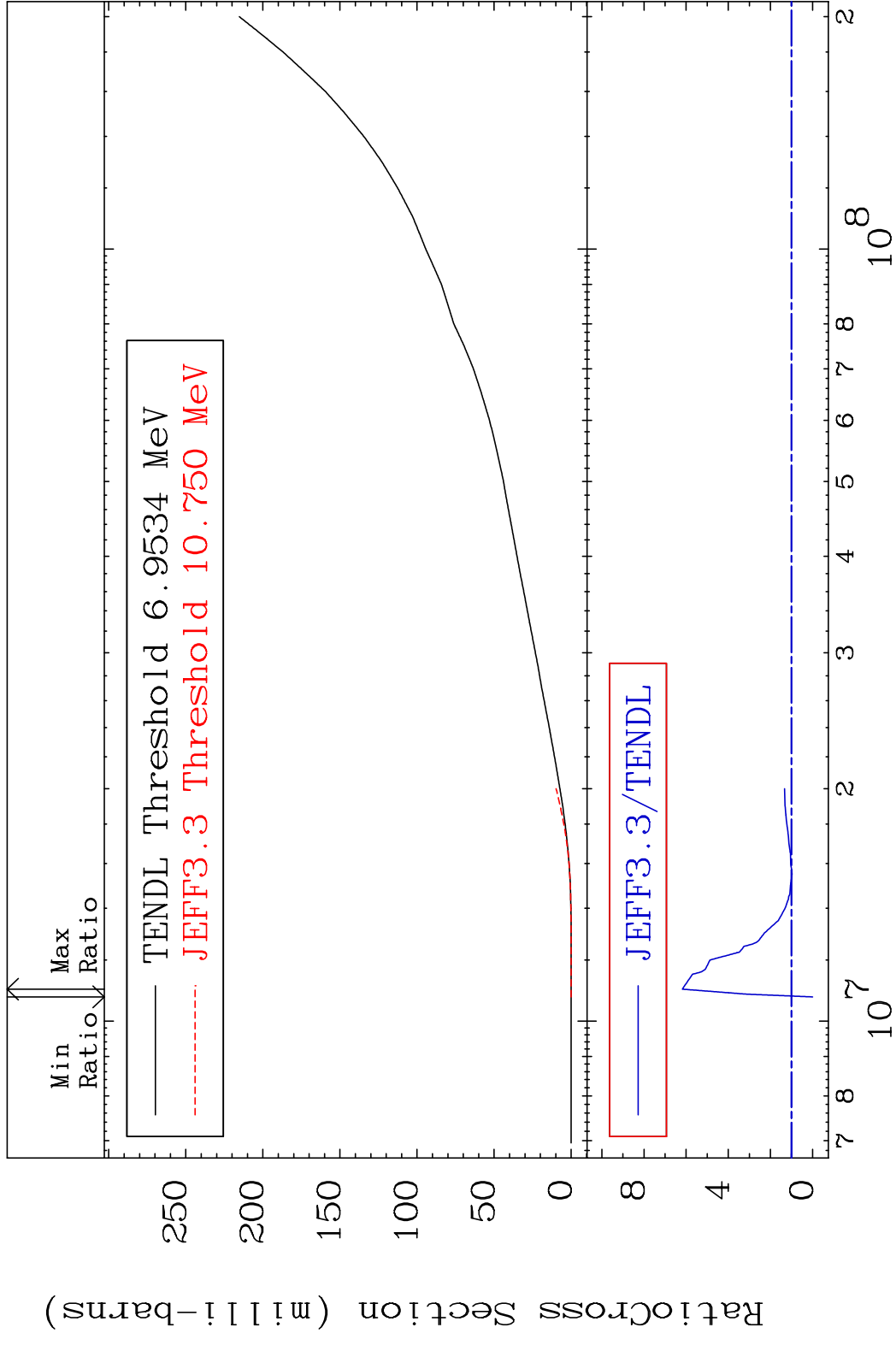
54-Xe-132

MAT 5449

Deuterium Production

54-Xe-132

Cross Section -100.0 To 518.0 %

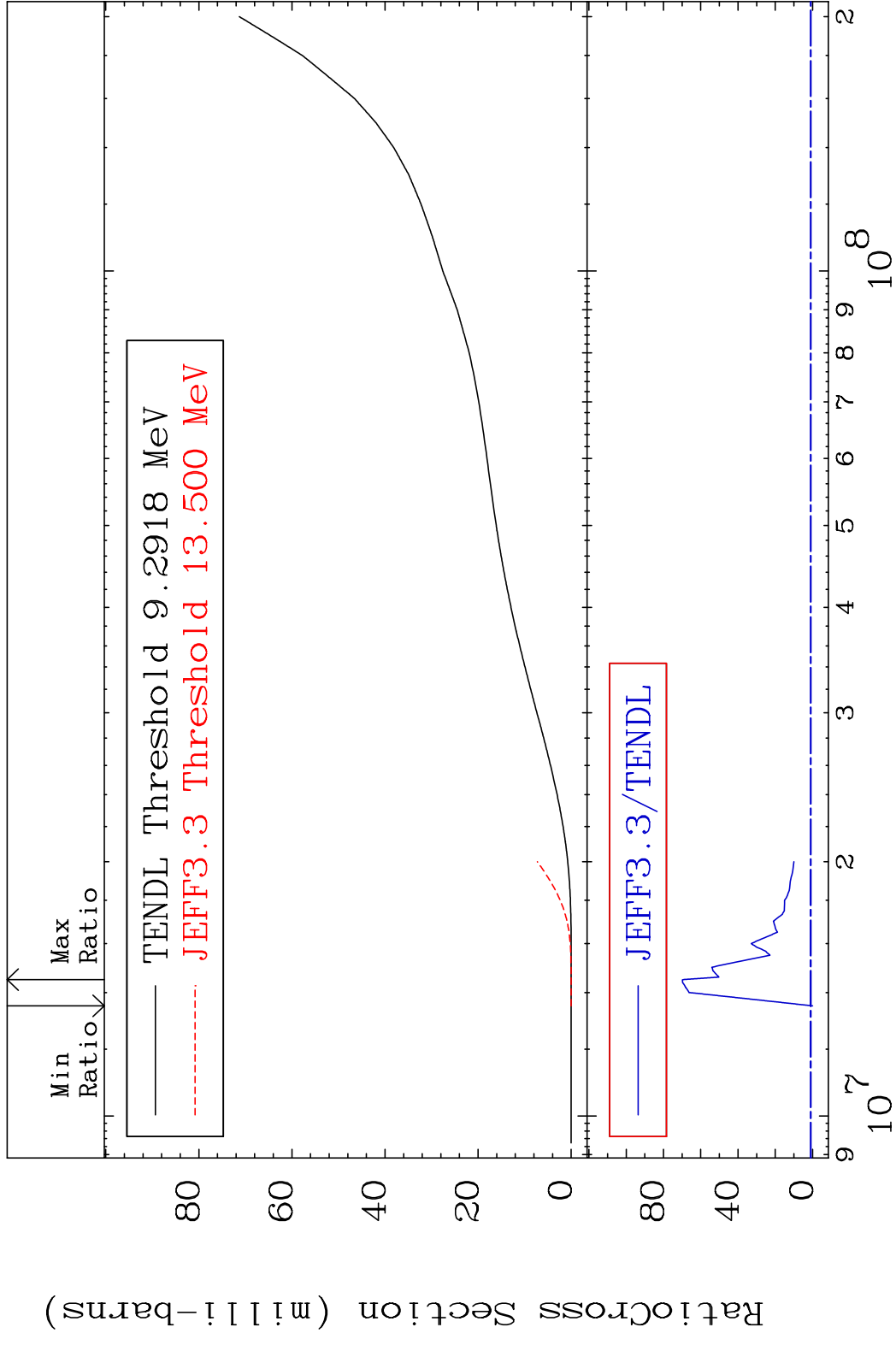


MAT 5449

Tritium Production

54-Xe-132

Cross Section -100.0 To 6887. %



33

Incident Energy (eV)

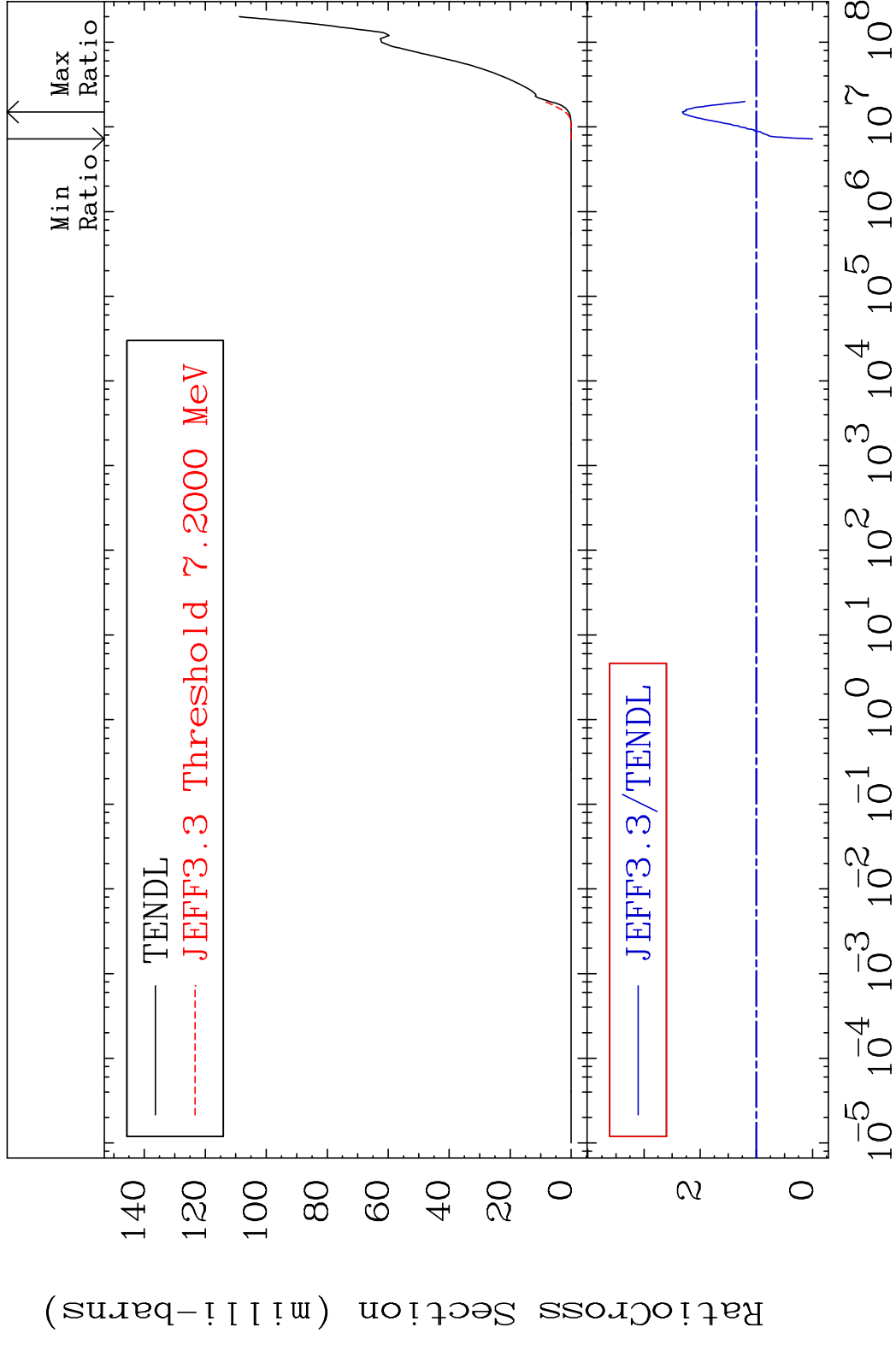
54-Xe-132

MAT 5449

He-4 Production

54-Xe-132

Cross Section -100.0 To 131.8 %



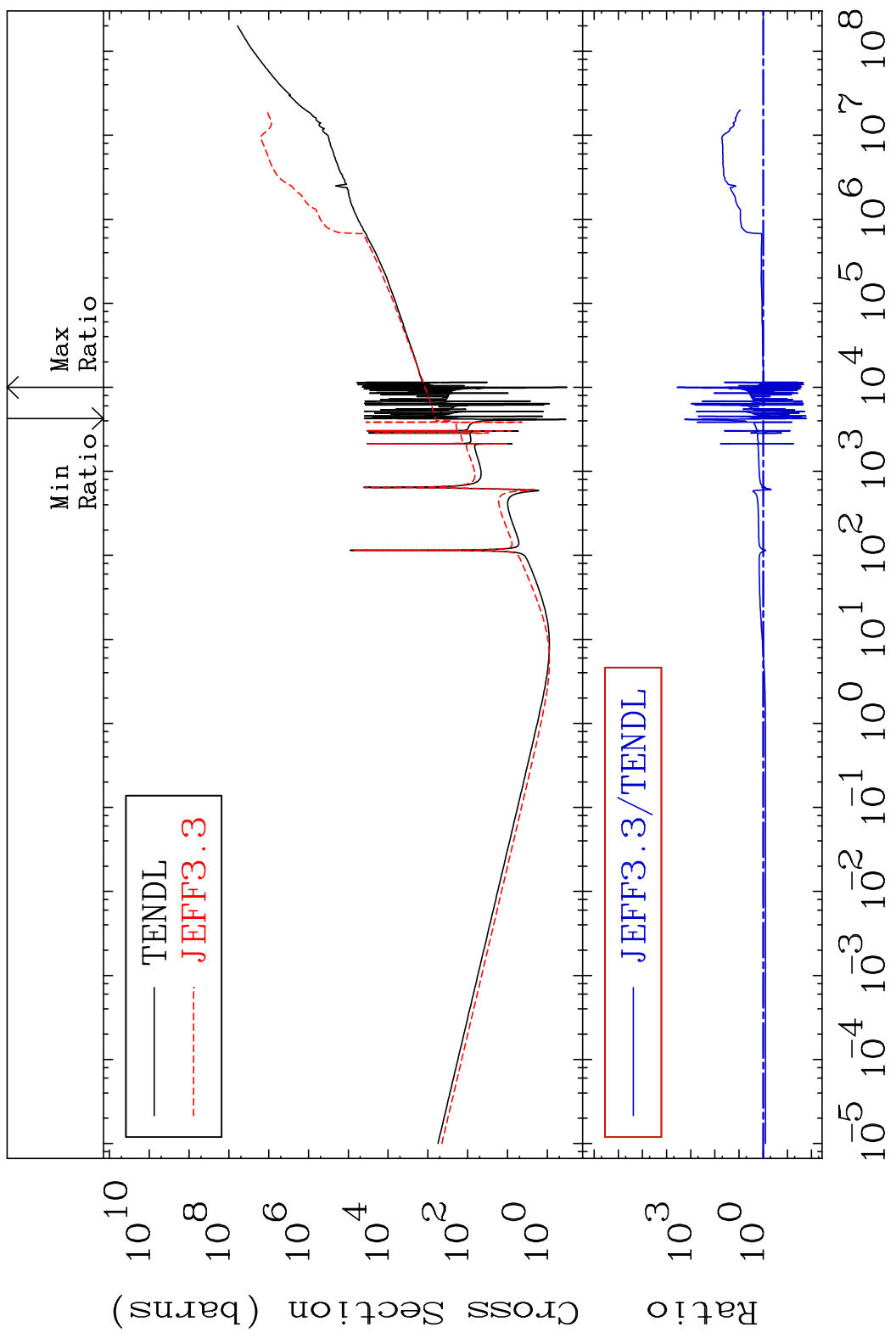
34

Incident Energy (eV)

54-Xe-132

MAT 5449

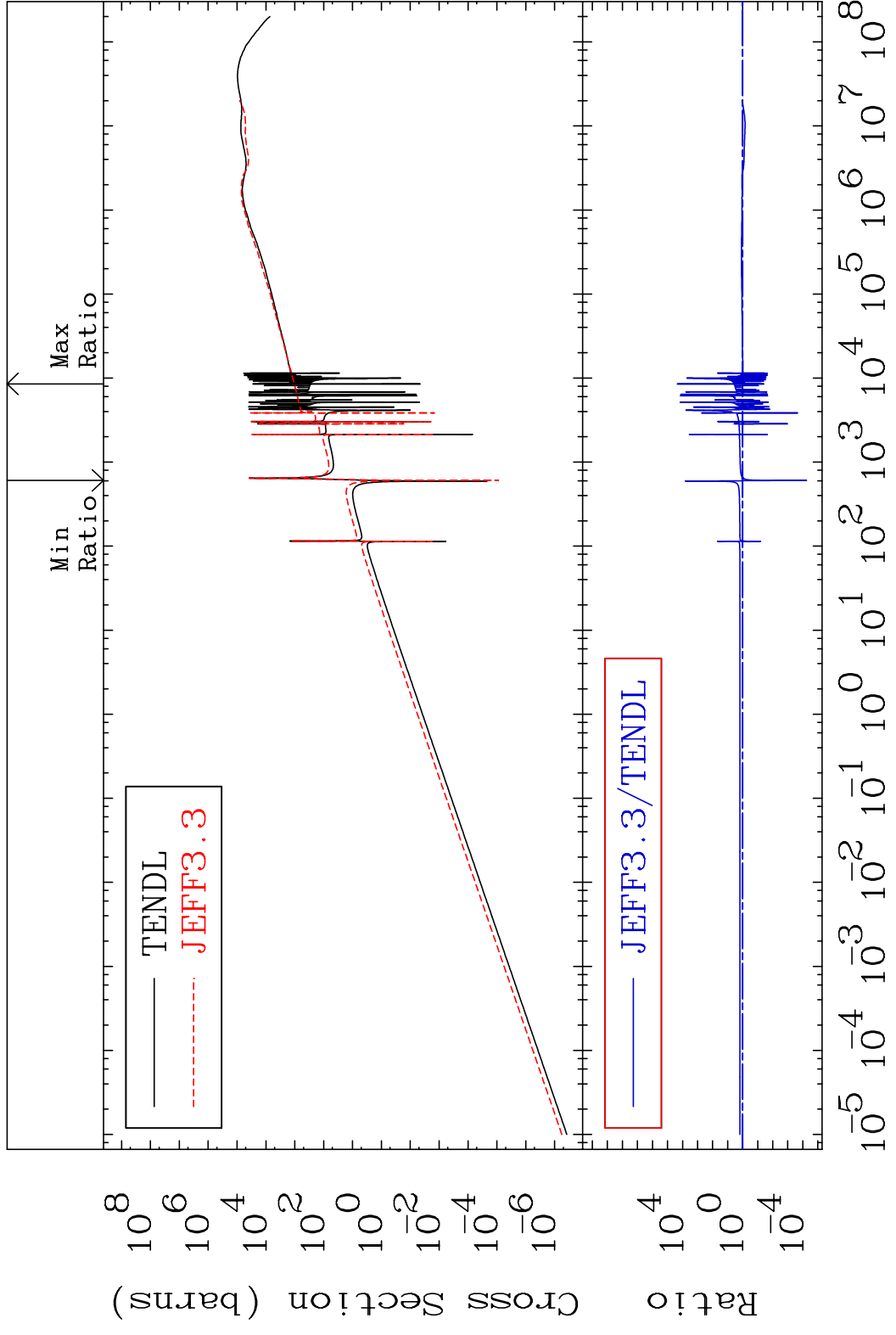
Kerma total (eV-barns) 54-Xe-132
Cross Section -98.37 To 9999. %



MAT 5449

Kerma elastic
Cross Section

54-Xe-132
-99.99 To 9999. %

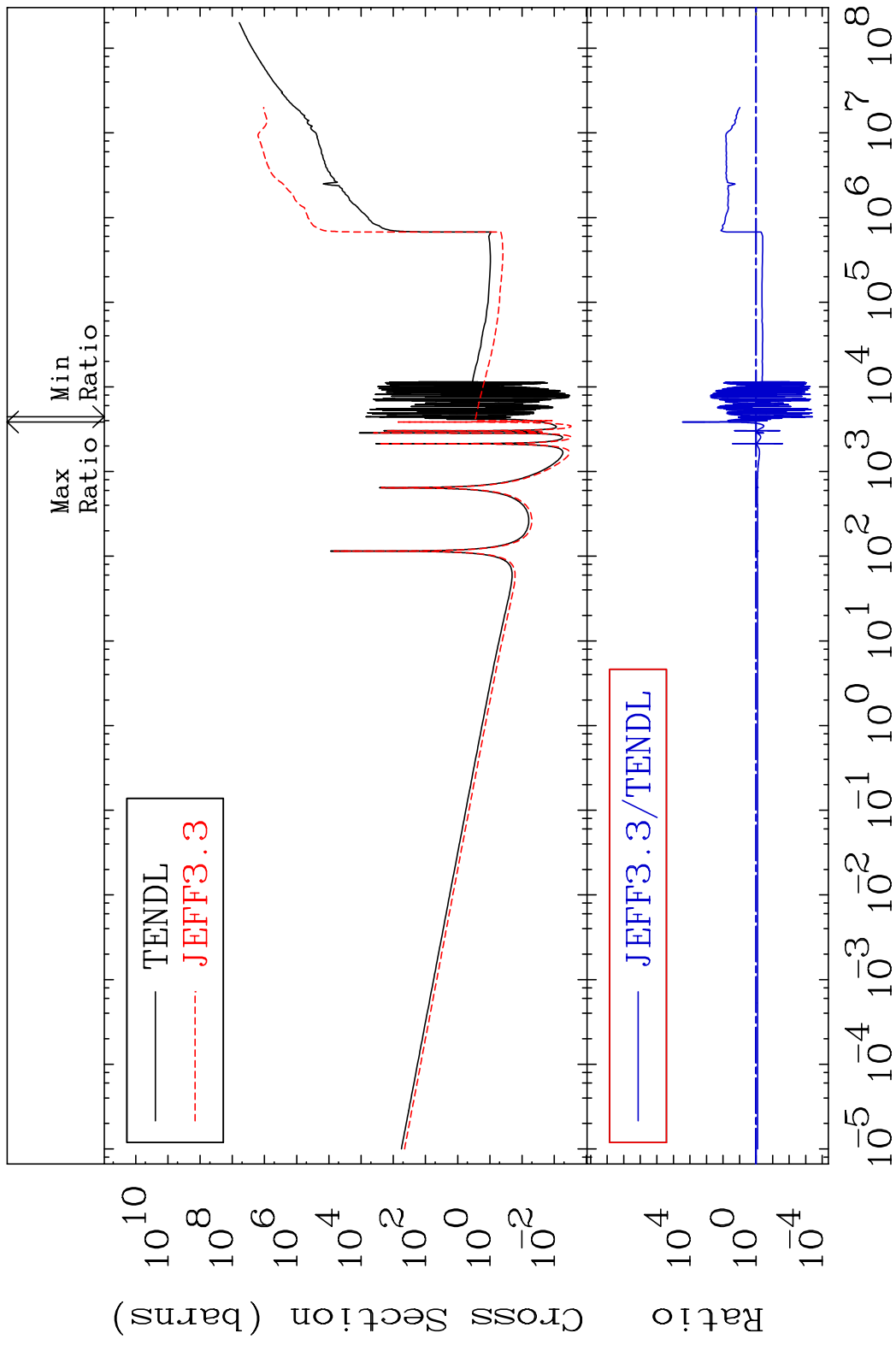


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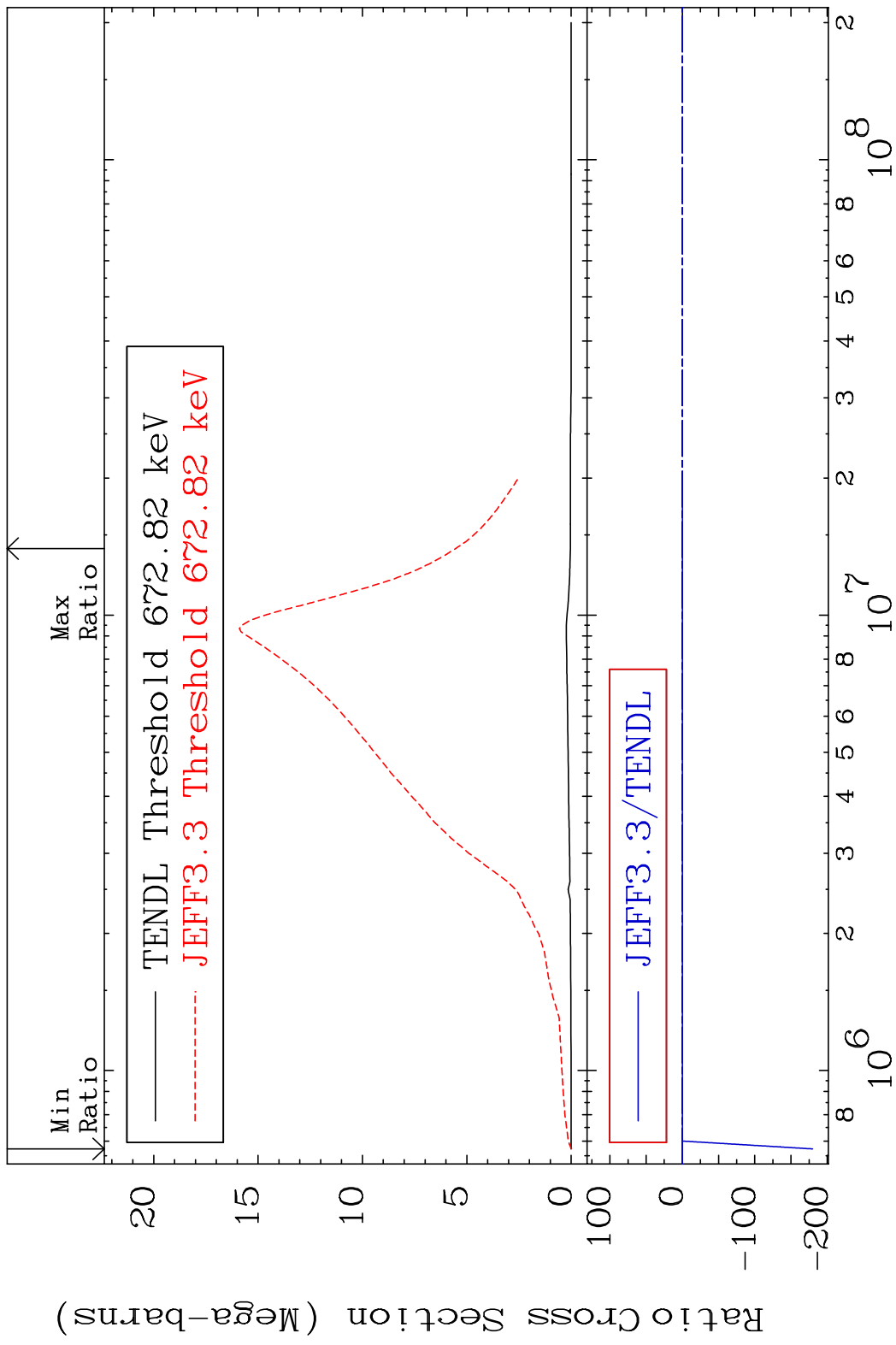
Incident Energy (eV)

54-Xe-132

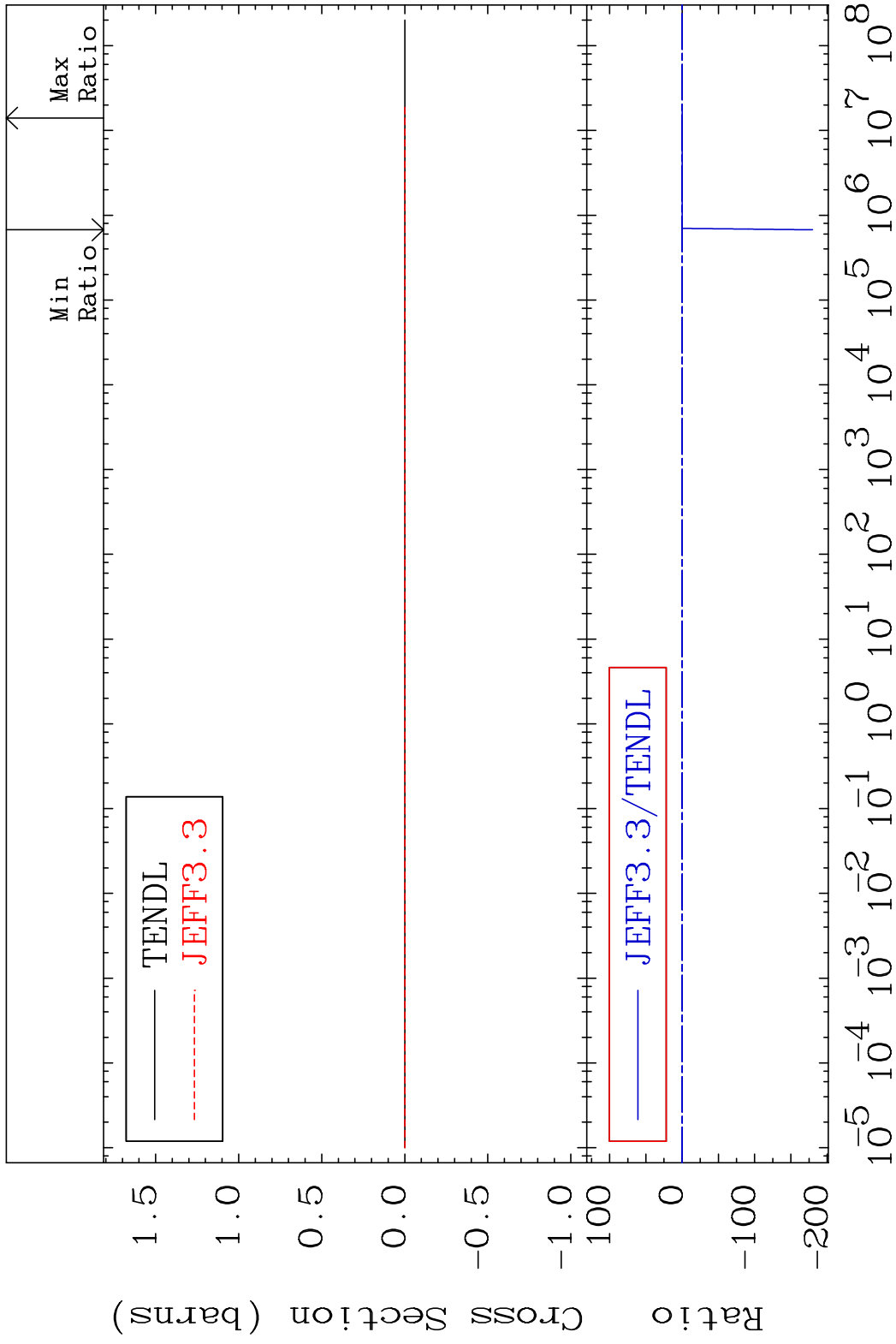
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -99.96 To 9999. %



MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section -9999. To 9999. %

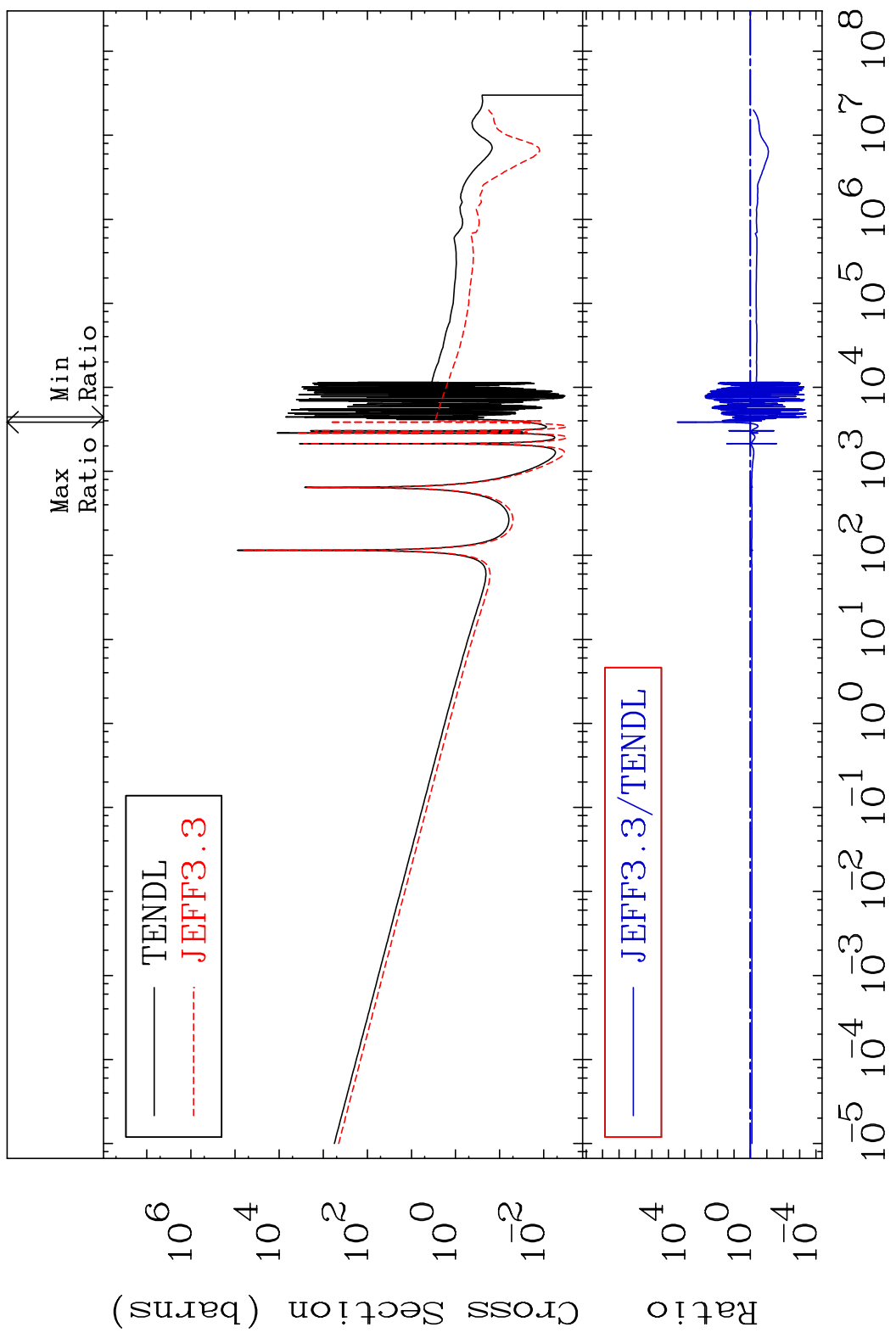


MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132
 Cross Section -9999. To 9999. %



MAT 5449

Kerma capture (mt102) 54-Xe-132
Cross Section -99.96 To 9999. %



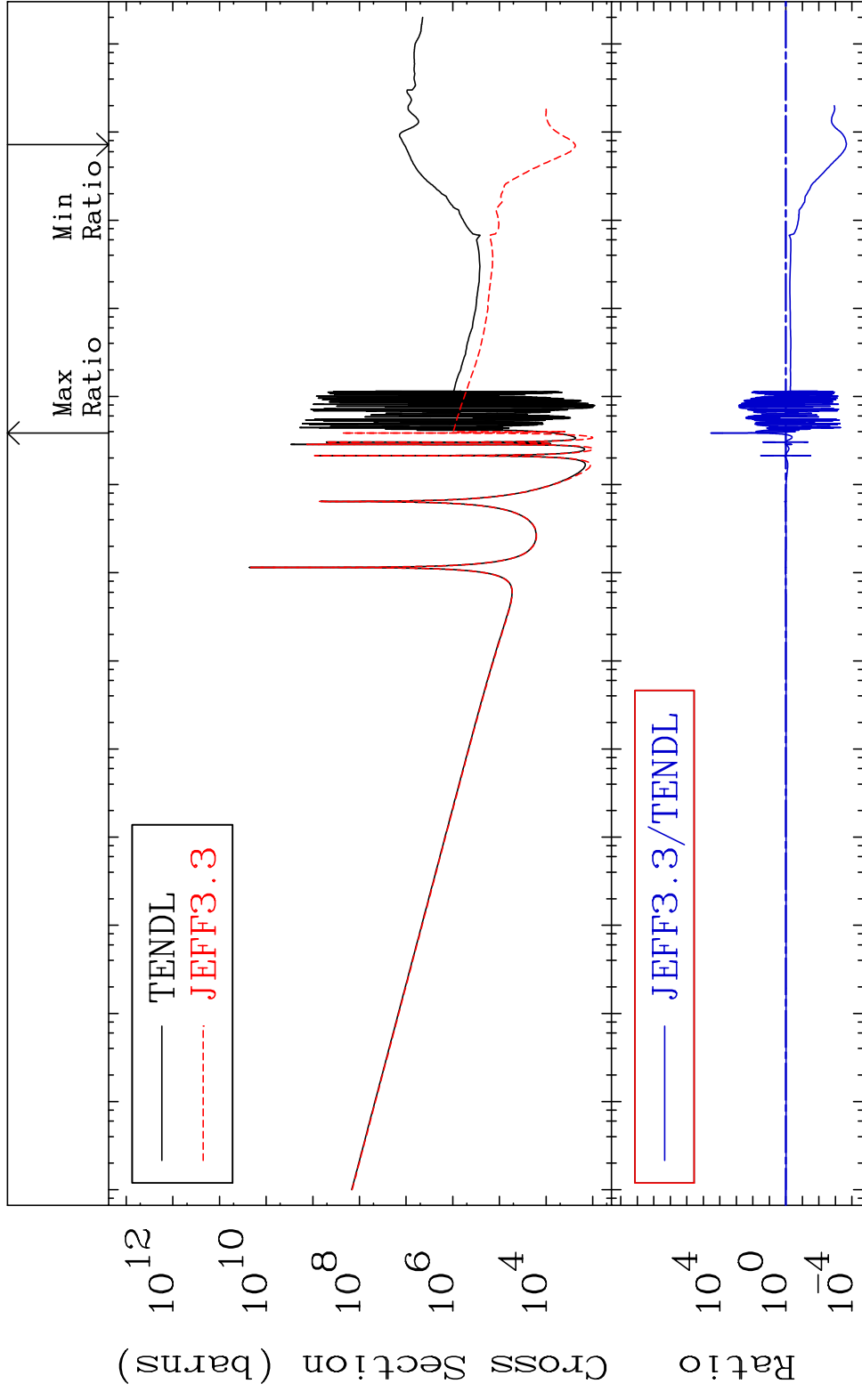
40

Incident Energy (eV)

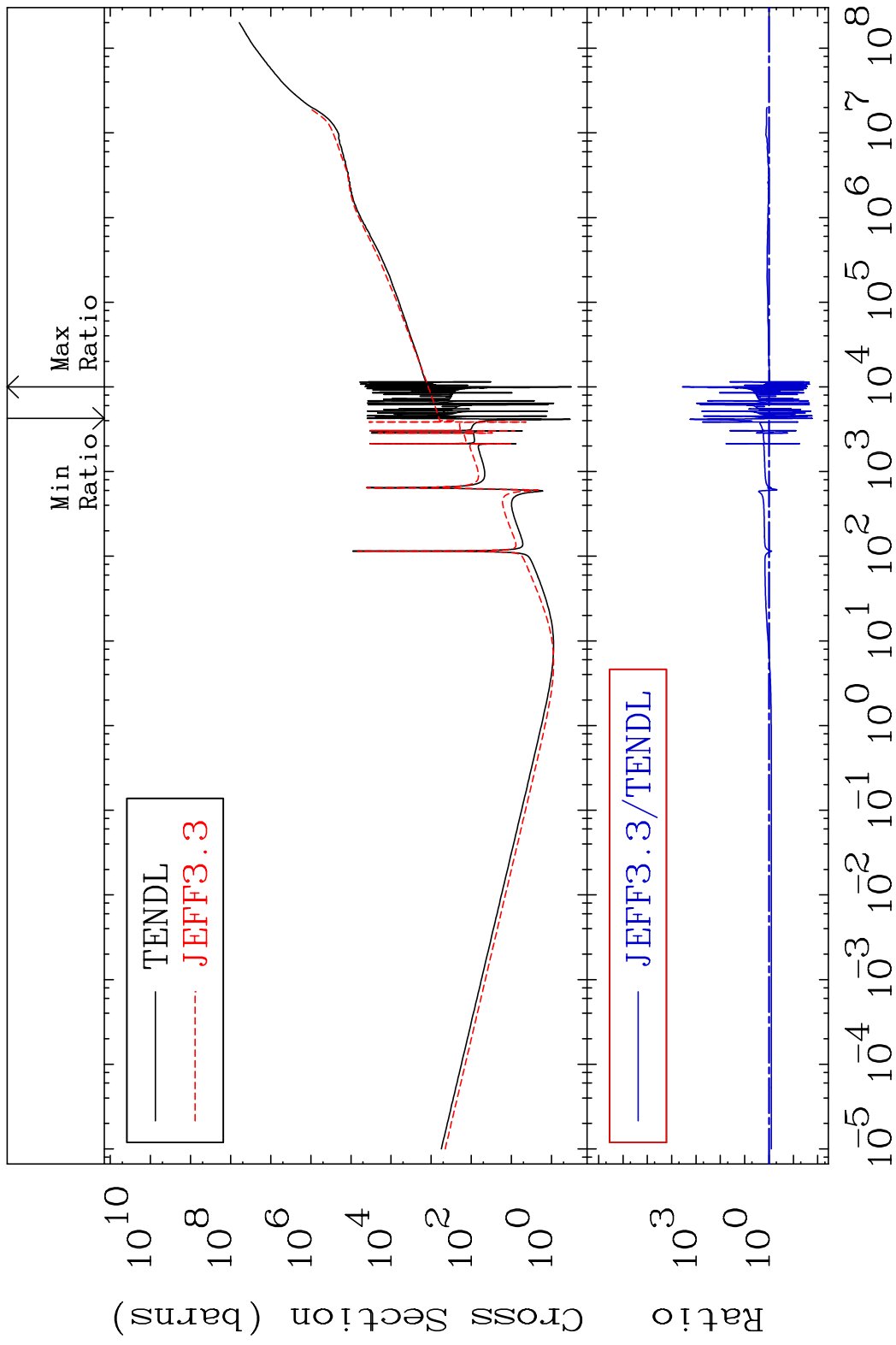
54-Xe-132

MAT 5449

Total photon (eV-barns) 54-Xe-132
Cross Section -99.98 To 9999. %



MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -98.37 To 9999. %



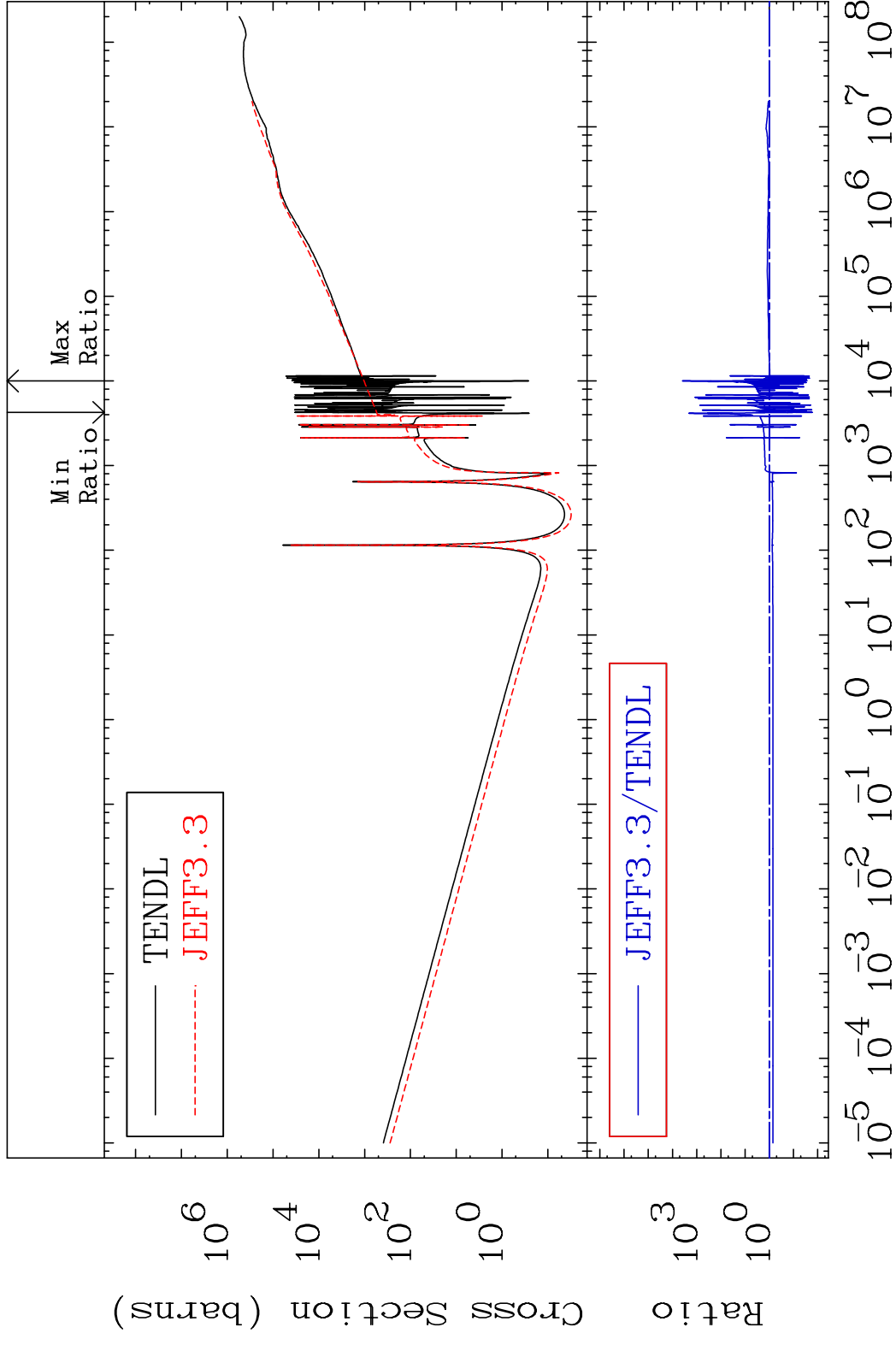
MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section

-98.38 To 9999. %



43

Incident Energy (eV)

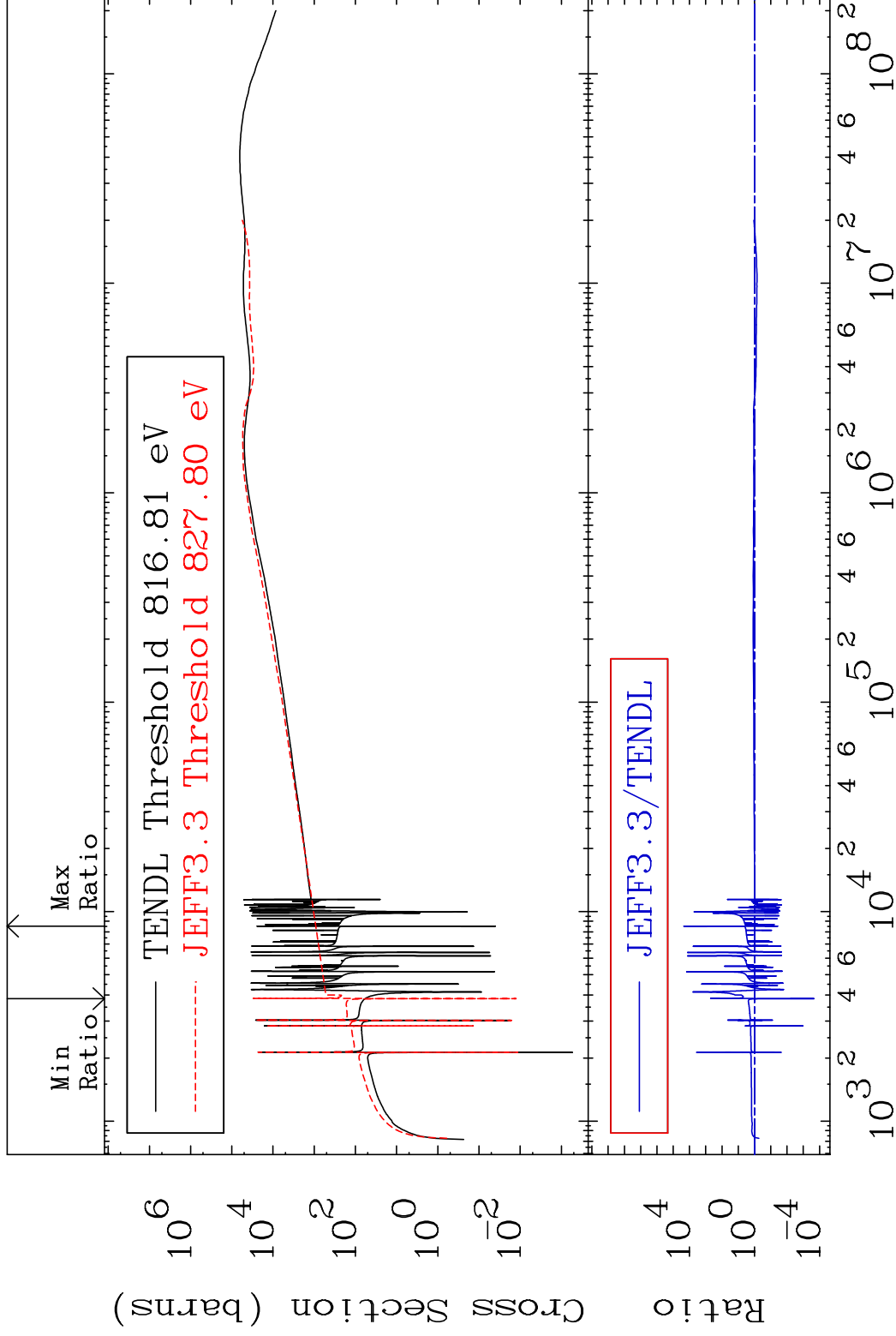
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -99.98 To 9999. %

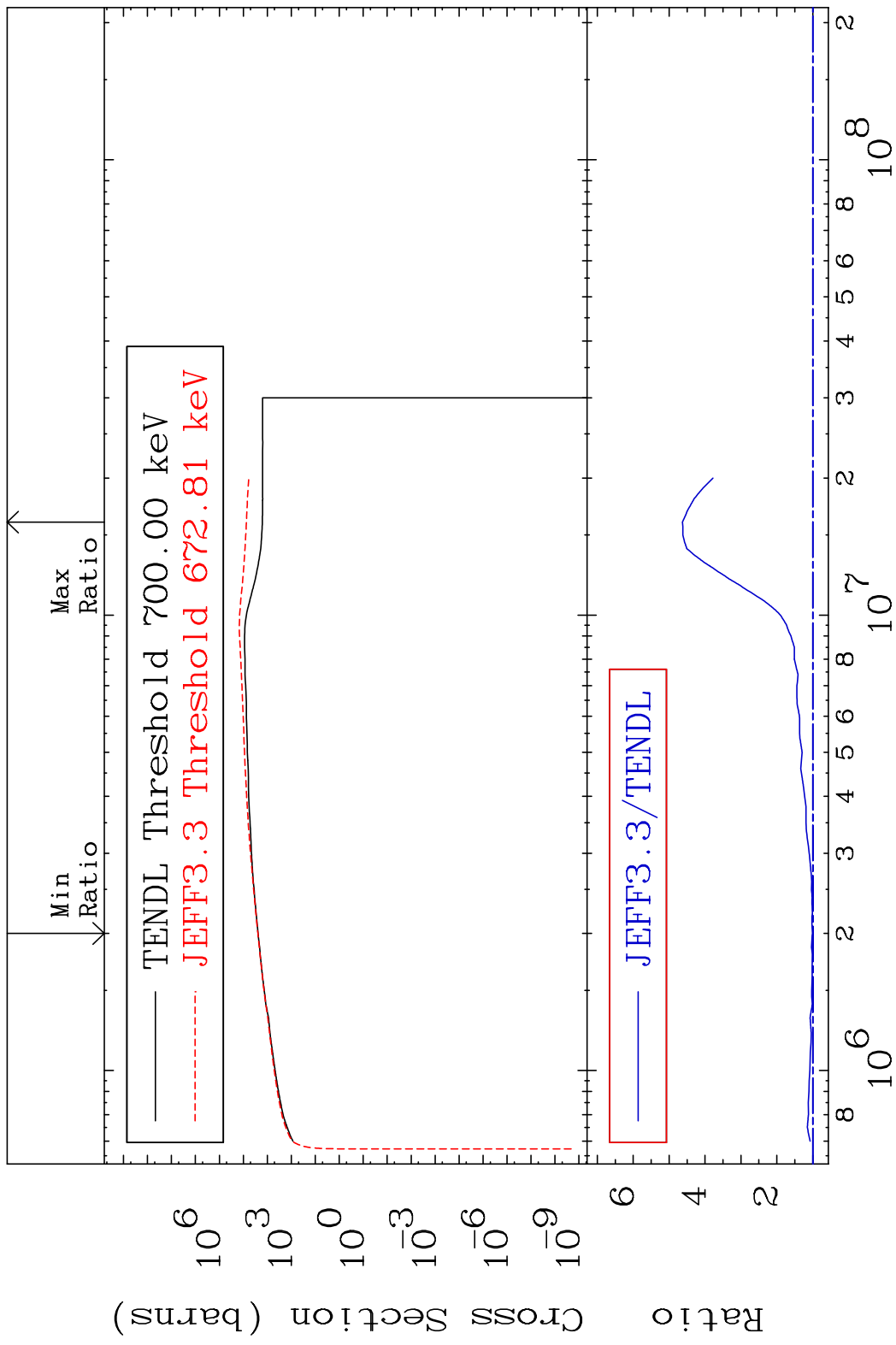


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Incident Energy (eV)

54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section 0.534 To 363.2 %



45 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -99.97 To 9999. %

