

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

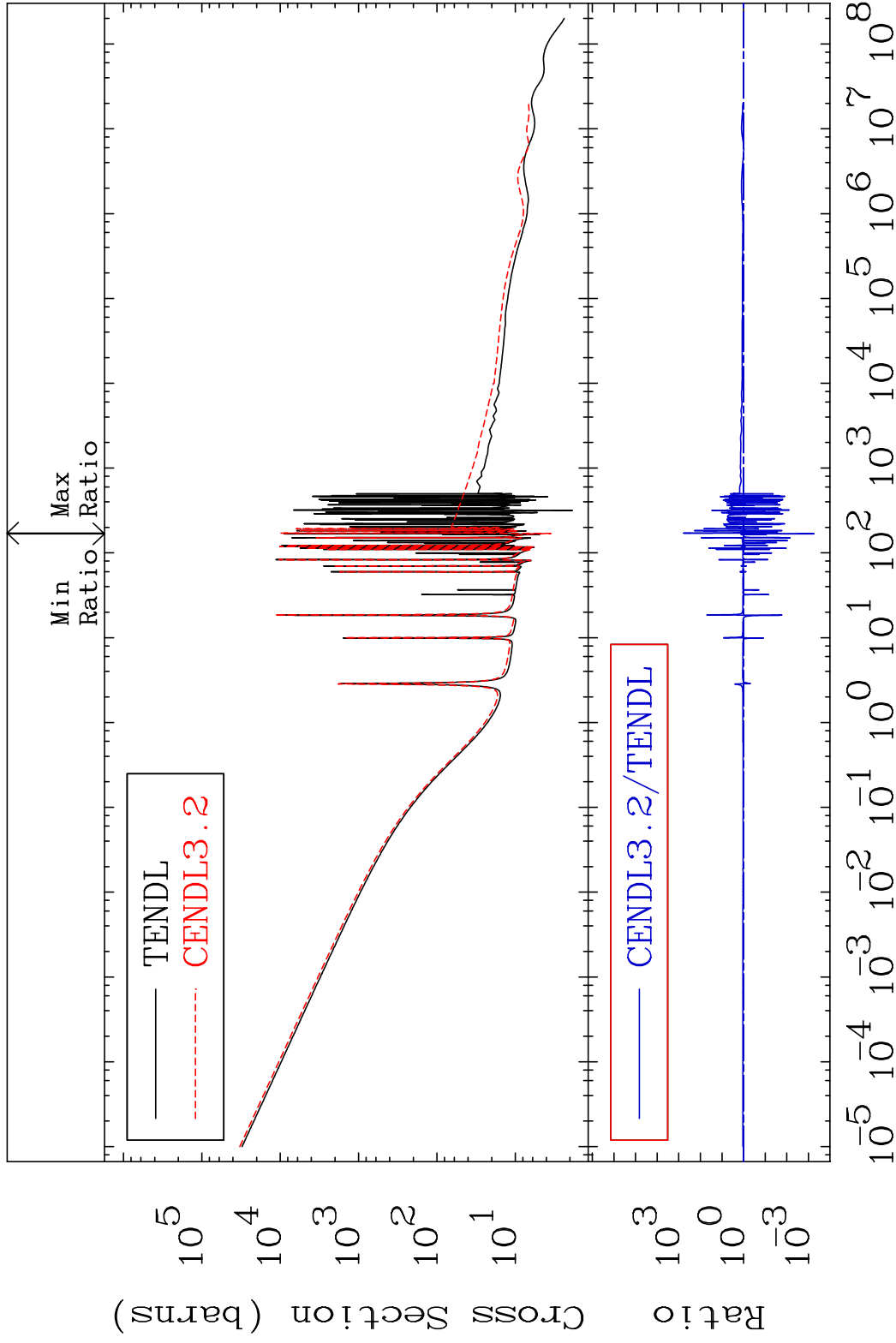
MAT 9434

Total

94-Pu-238

Cross Section

-99.95 To 9999. %



1

Incident Energy (eV)

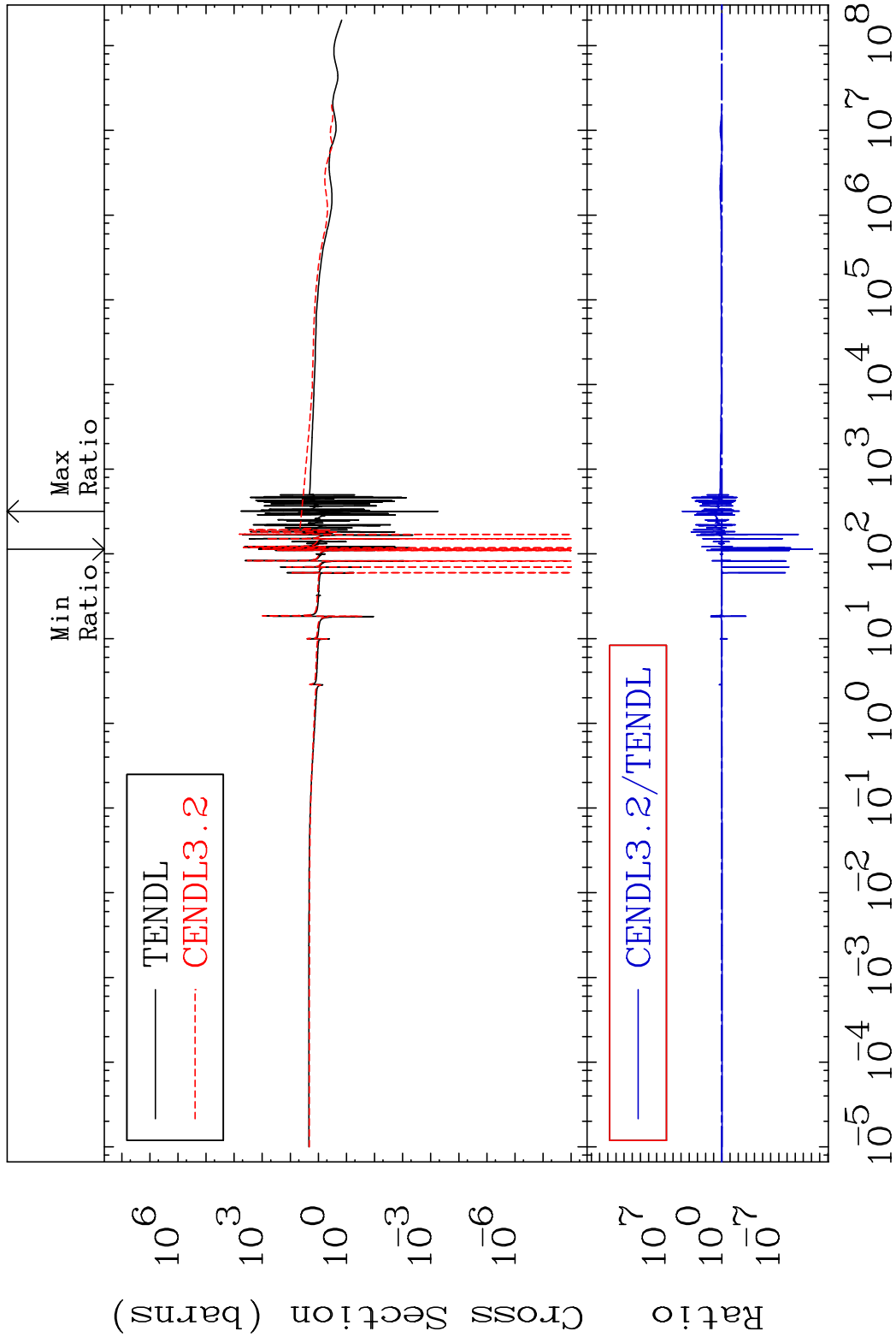
94-Pu-238

MAT 9434

Elastic

94-Pu-238

Cross Section -100.0 To 9999. %

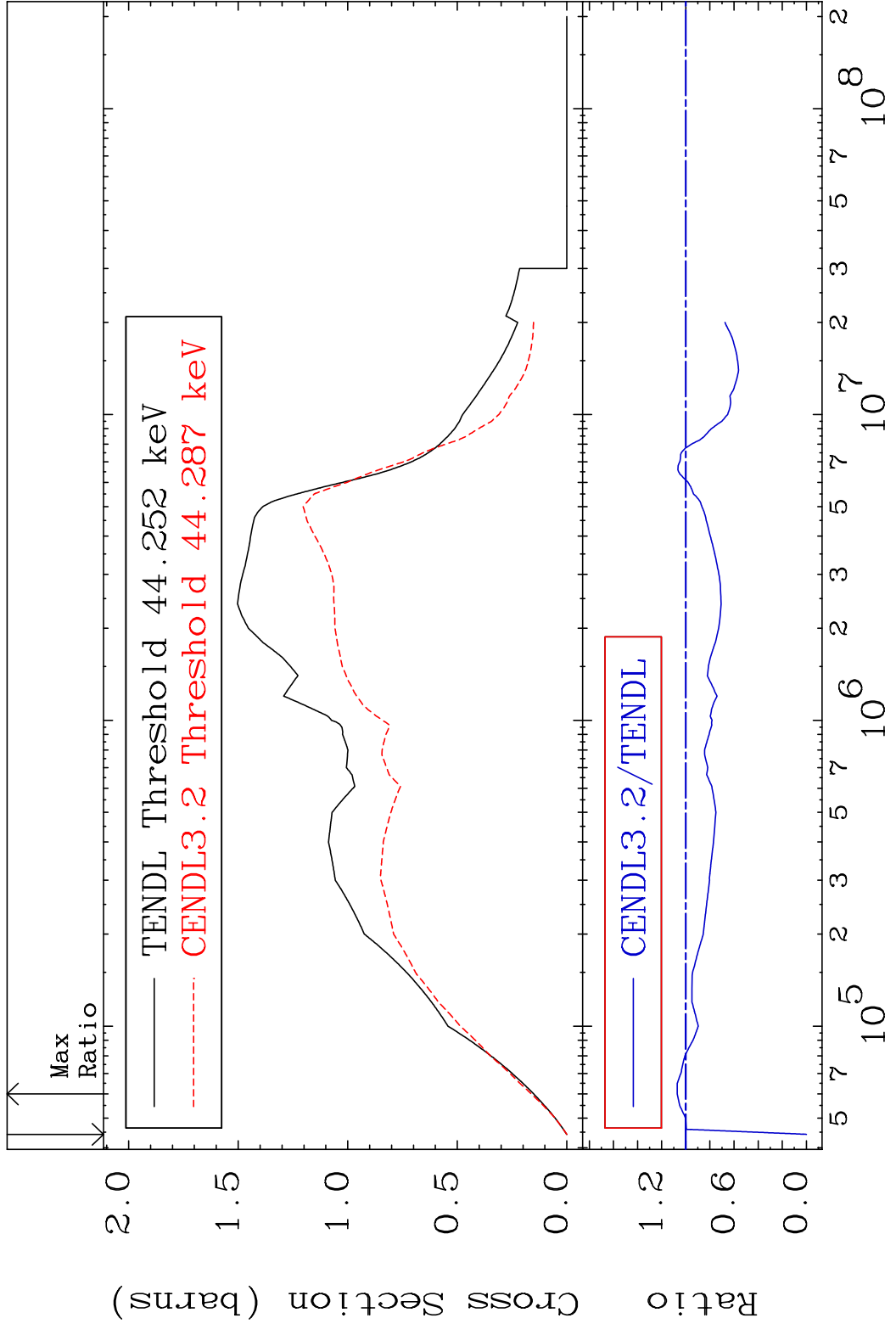


2

Incident Energy (eV)

94-Pu-238

MAT 9434 Inelastic 94-Pu-238
 Cross Section -100.0 To 7.146 %

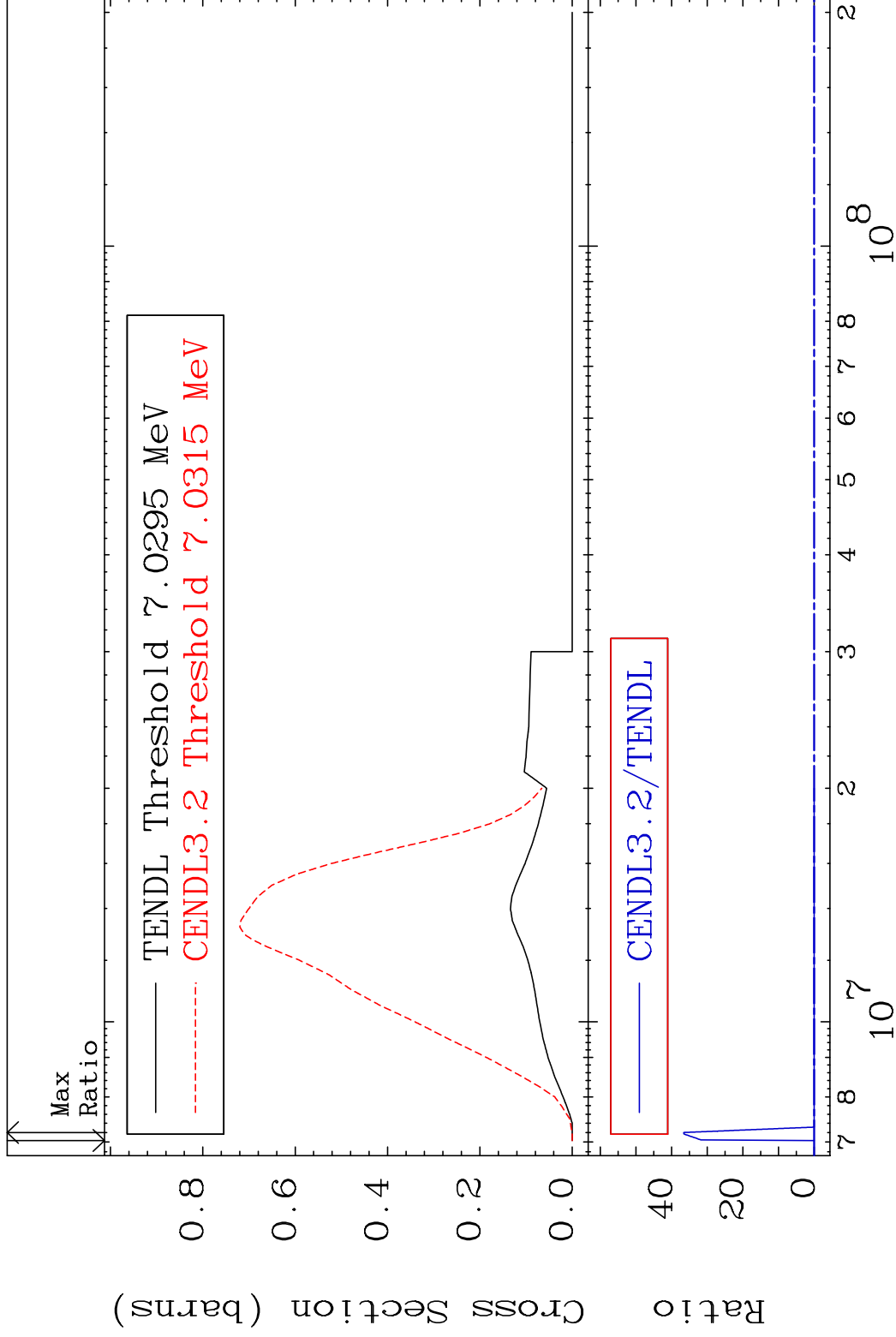


MAT 9434

(n,2n)

94-Pu-238

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

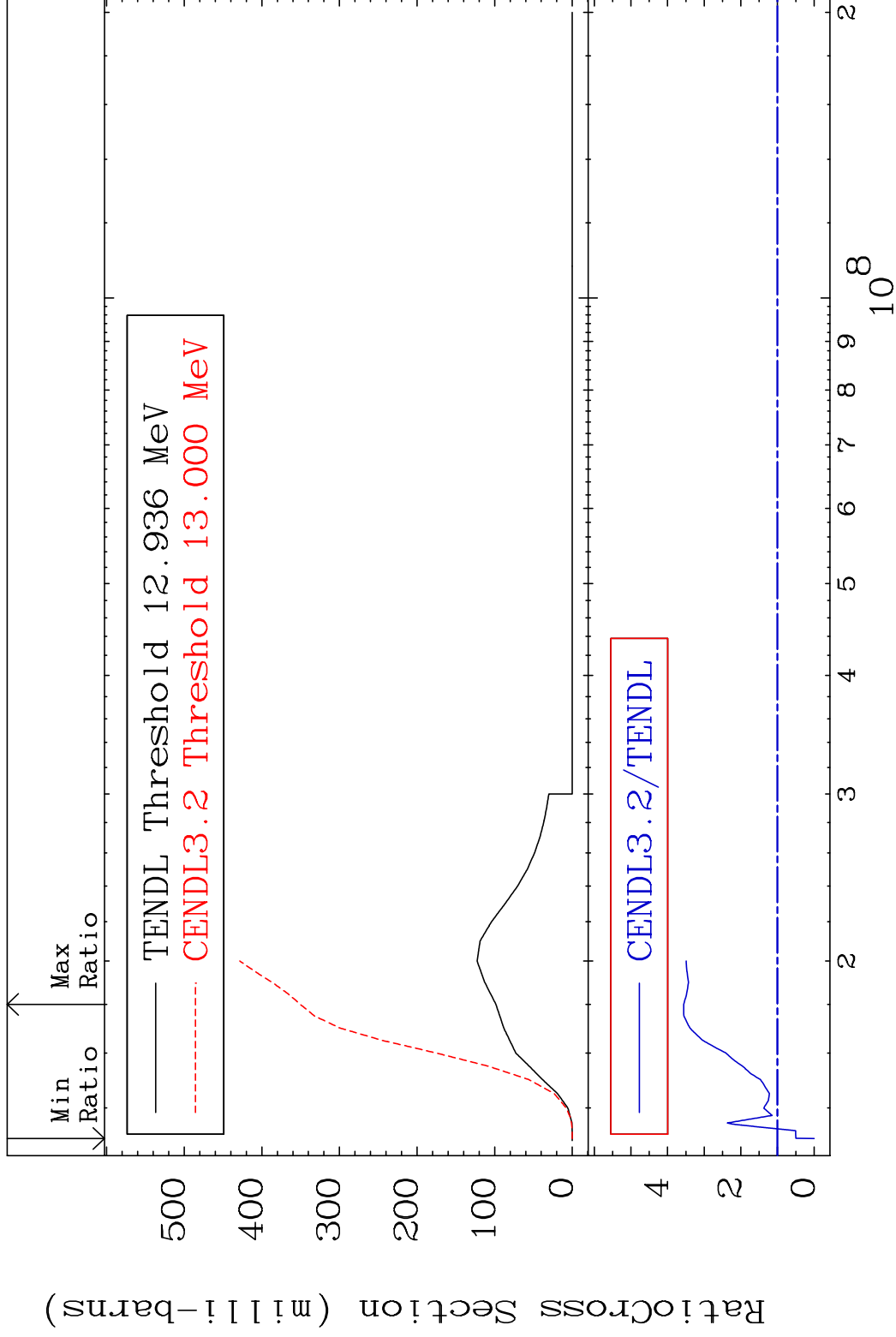
94-Pu-238

MAT 9434

(n,3n)

94-Pu-238

Cross Section -100.0 To 256.1 %



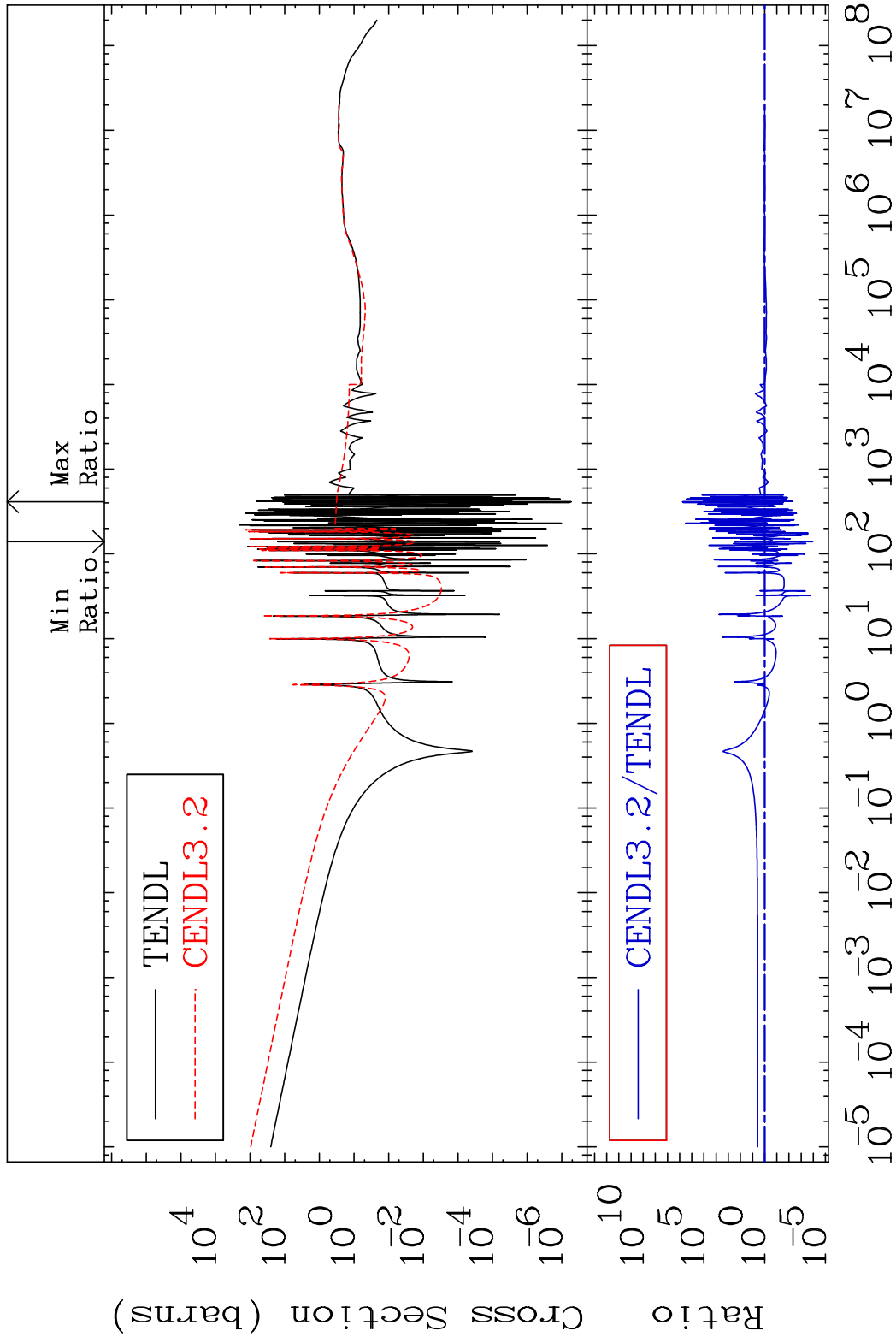
5

Incident Energy (eV)

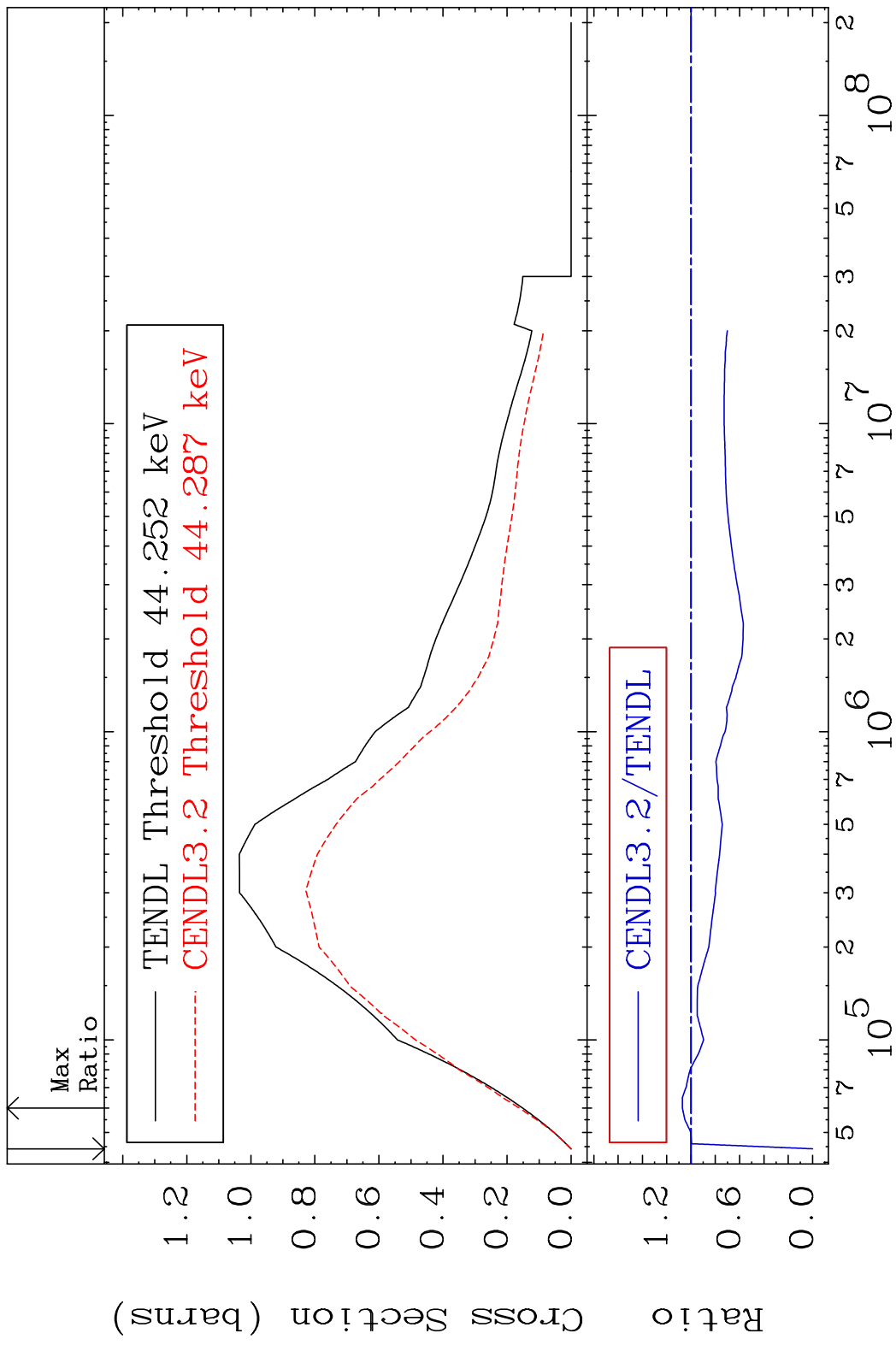
94-Pu-238

MAT 9434

Fission Cross Section -99.99 To 9999. %
94-Pu-238

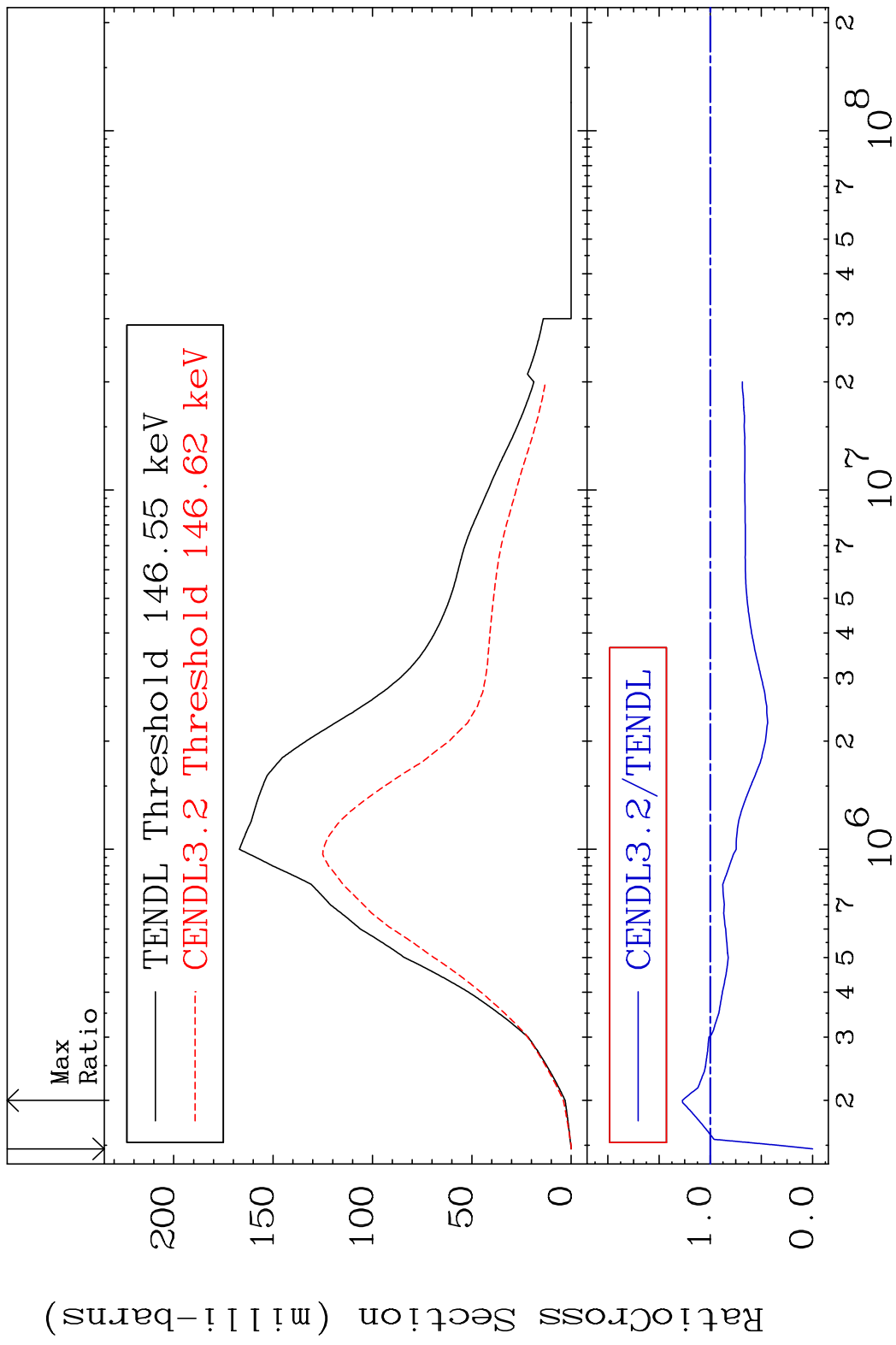


MAT 9434 MT= 51 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 7.146 %



7 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 52 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 27.23 %

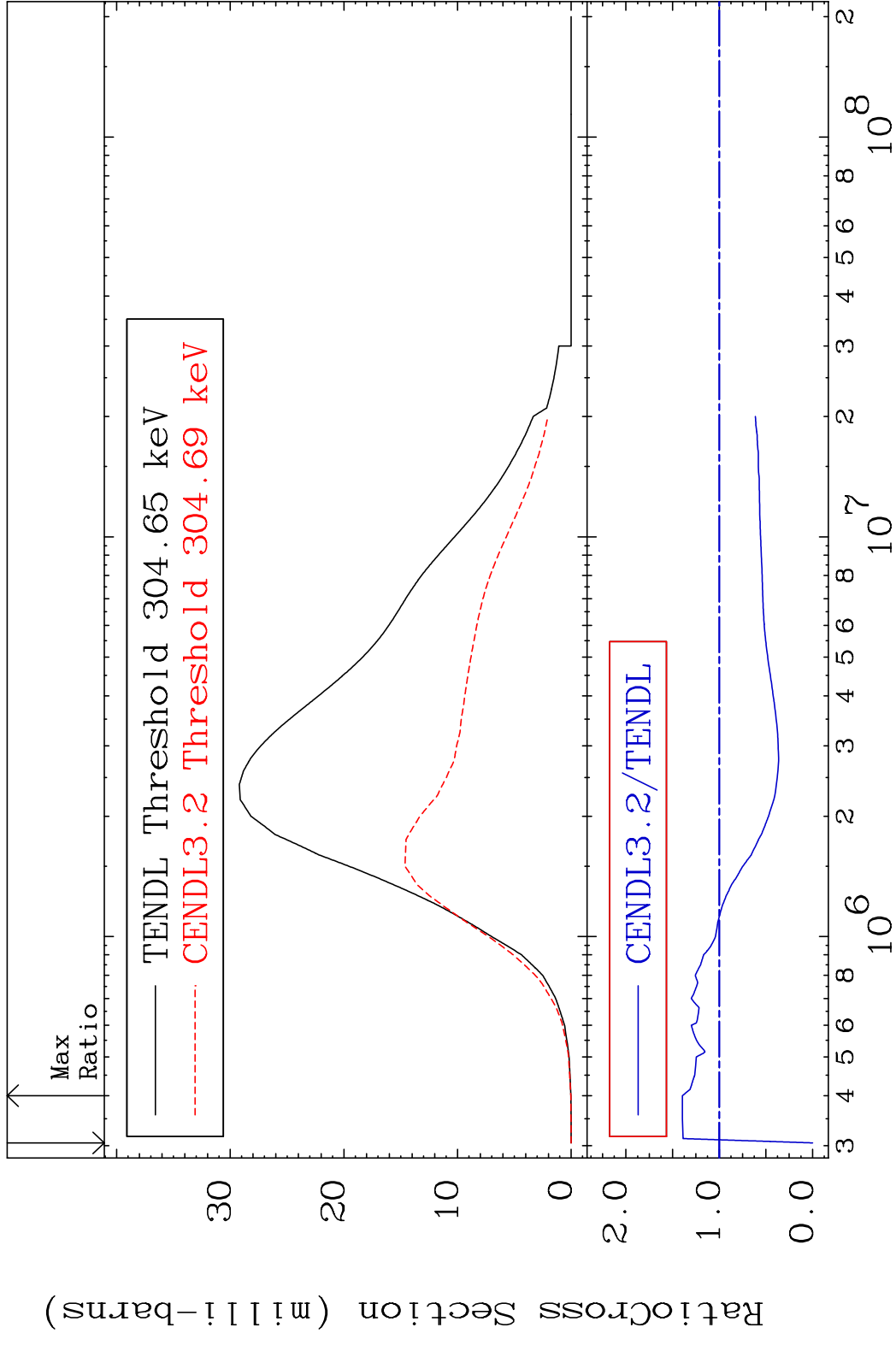


MAT 9434

MT= 53 (n, n') Level

94-Pu-238

Cross Section -100.0 To 39.54 %

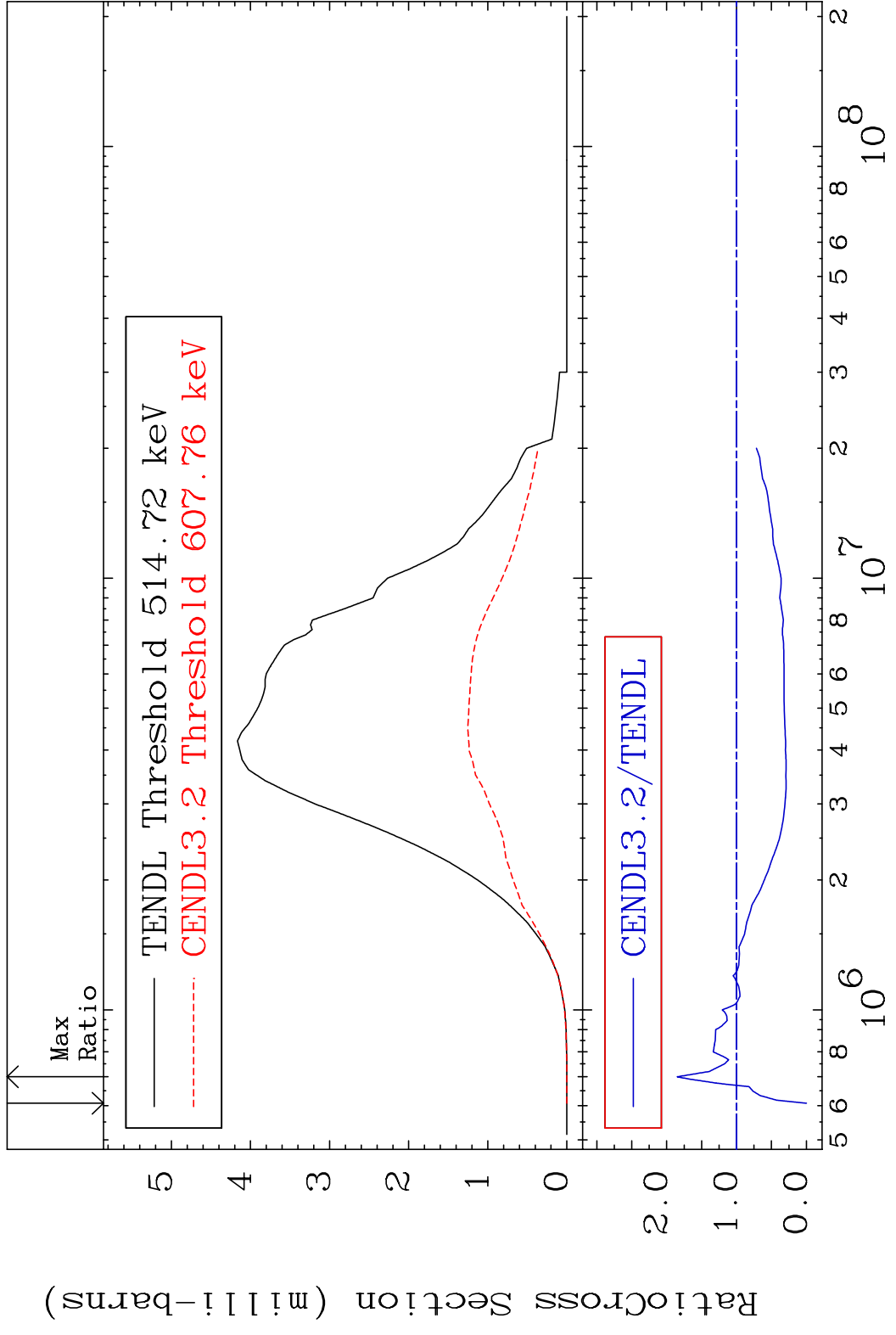


9

Incident Energy (eV)

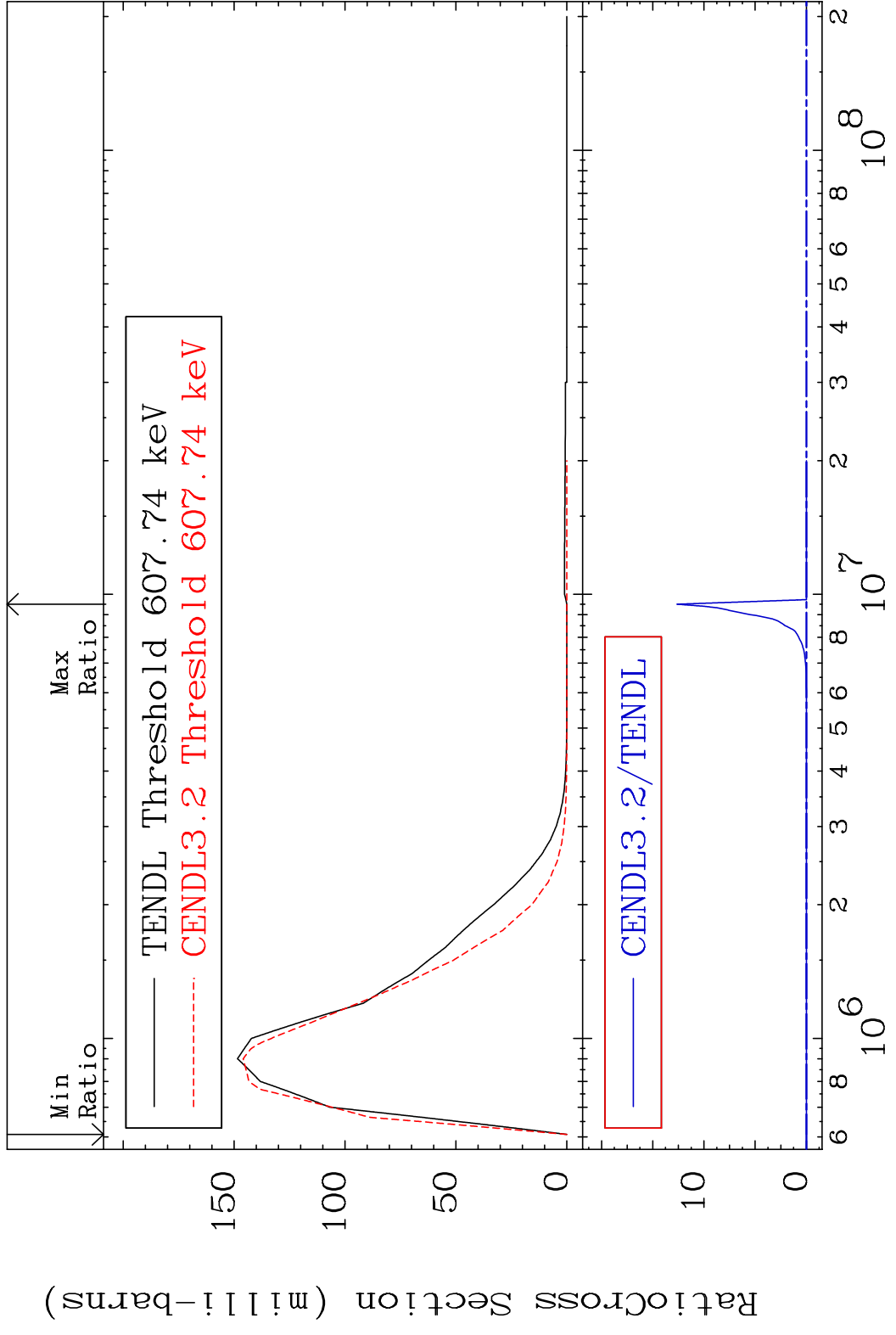
94-Pu-238

MAT 9434 MT= 54 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 84.95 %

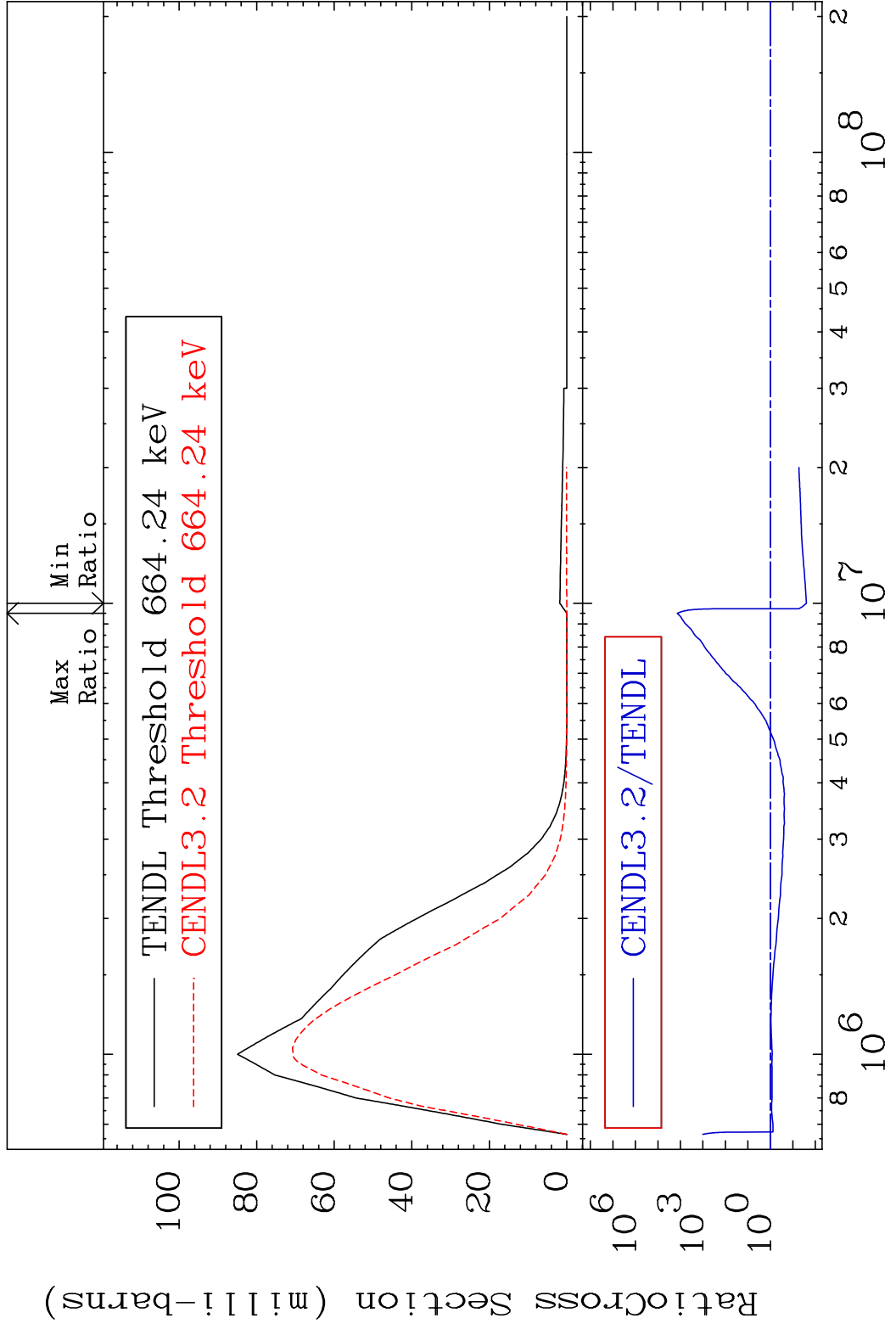


10 Incident Energy (eV) 94-Pu-238

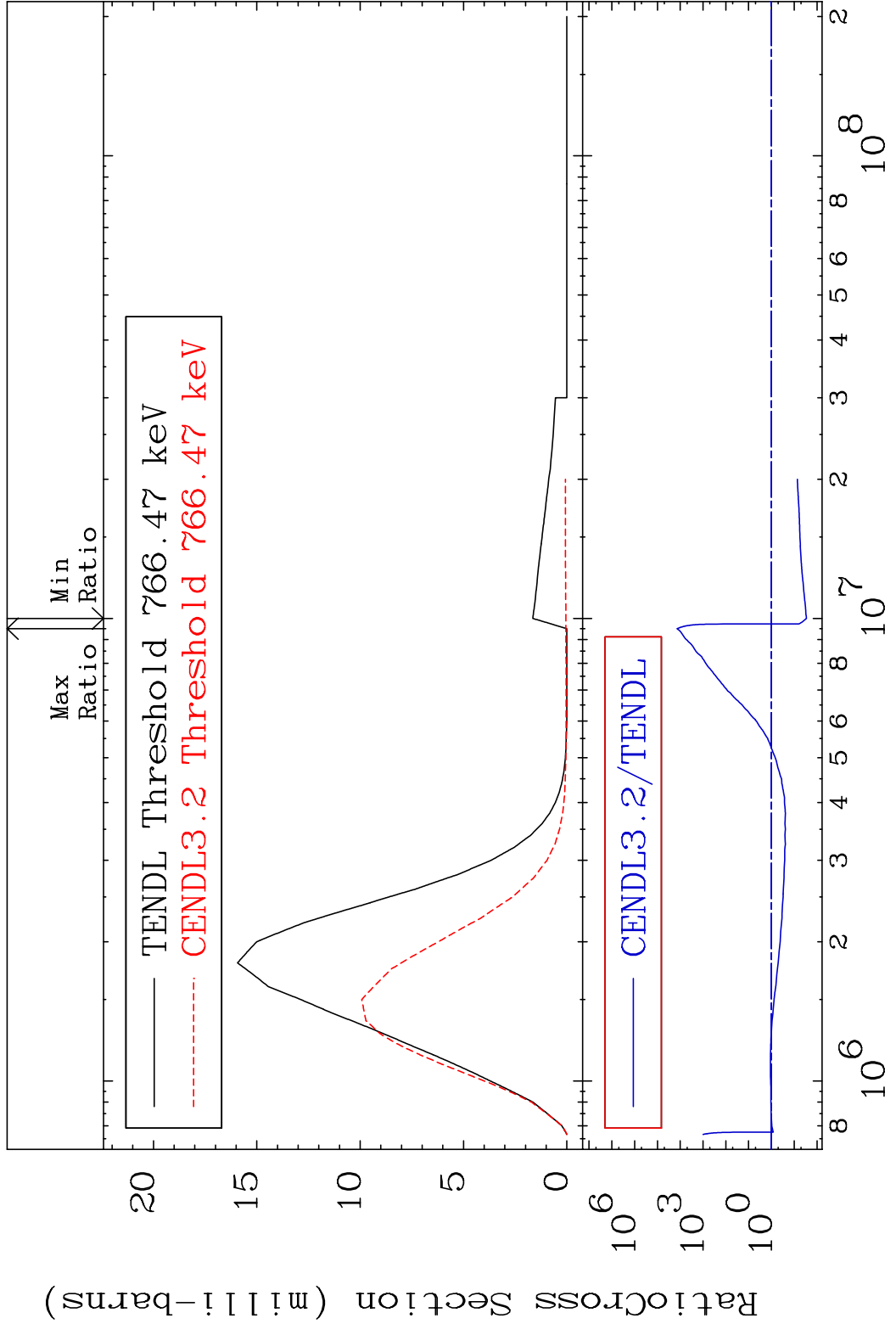
MAT 9434 MT= 55 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %



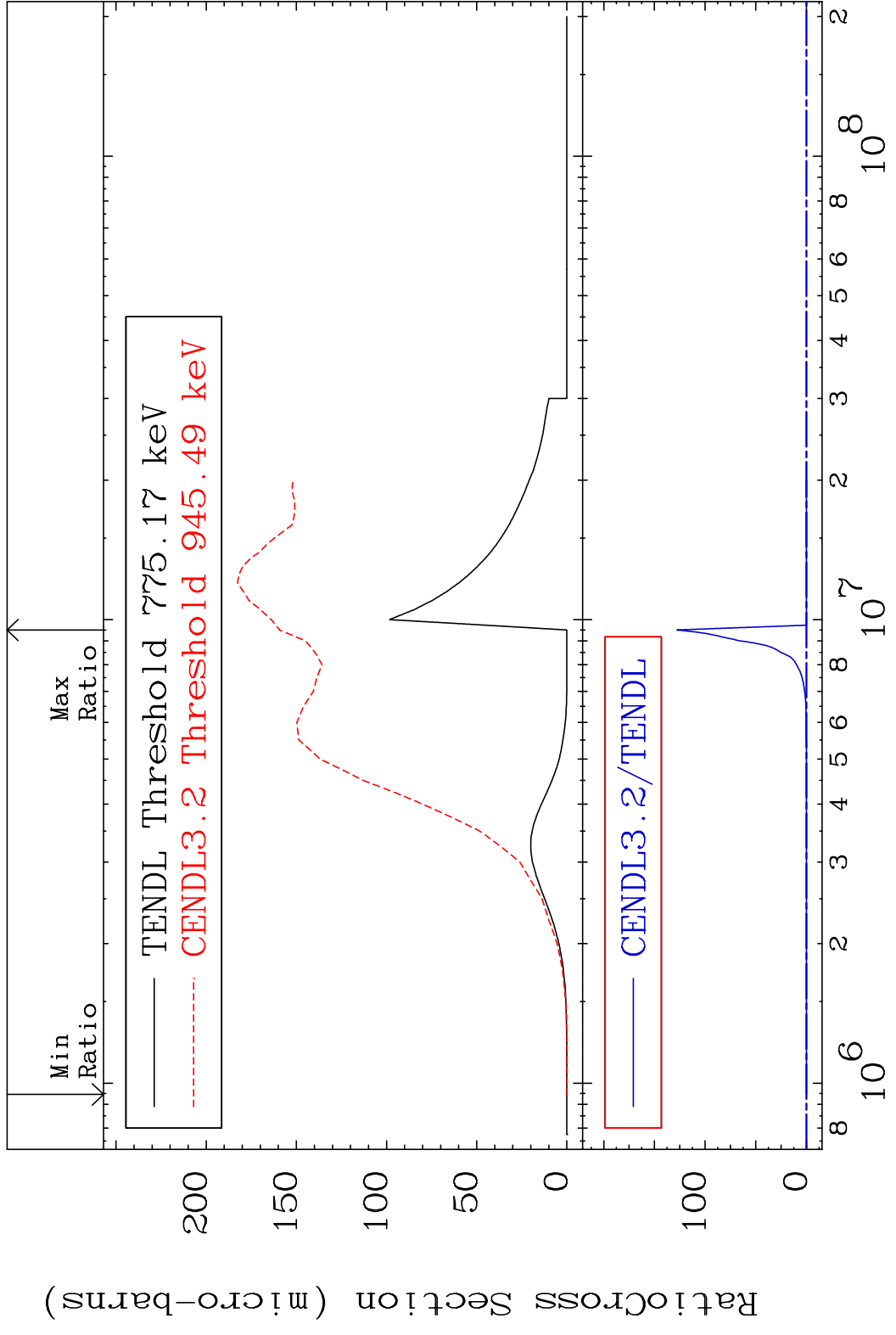
MAT 9434 MT= 56 (n, n') Level 94-Pu-238
 Cross Section -97.49 To 9999. %



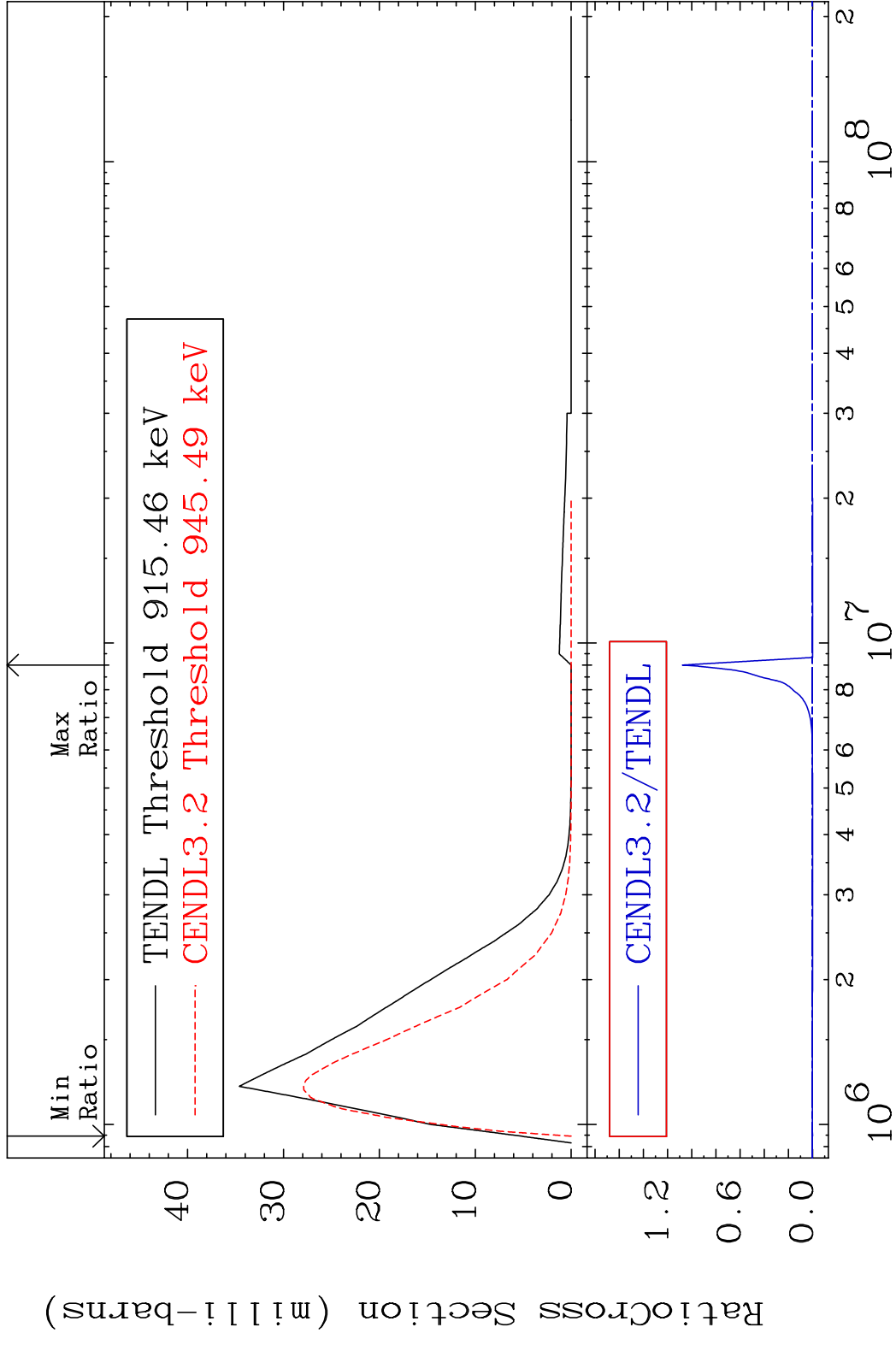
MAT 9434 MT= 57 (n, n') Level 94-Pu-238
 Cross Section -97.08 To 9999. %



MAT 9434 MT= 58 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %

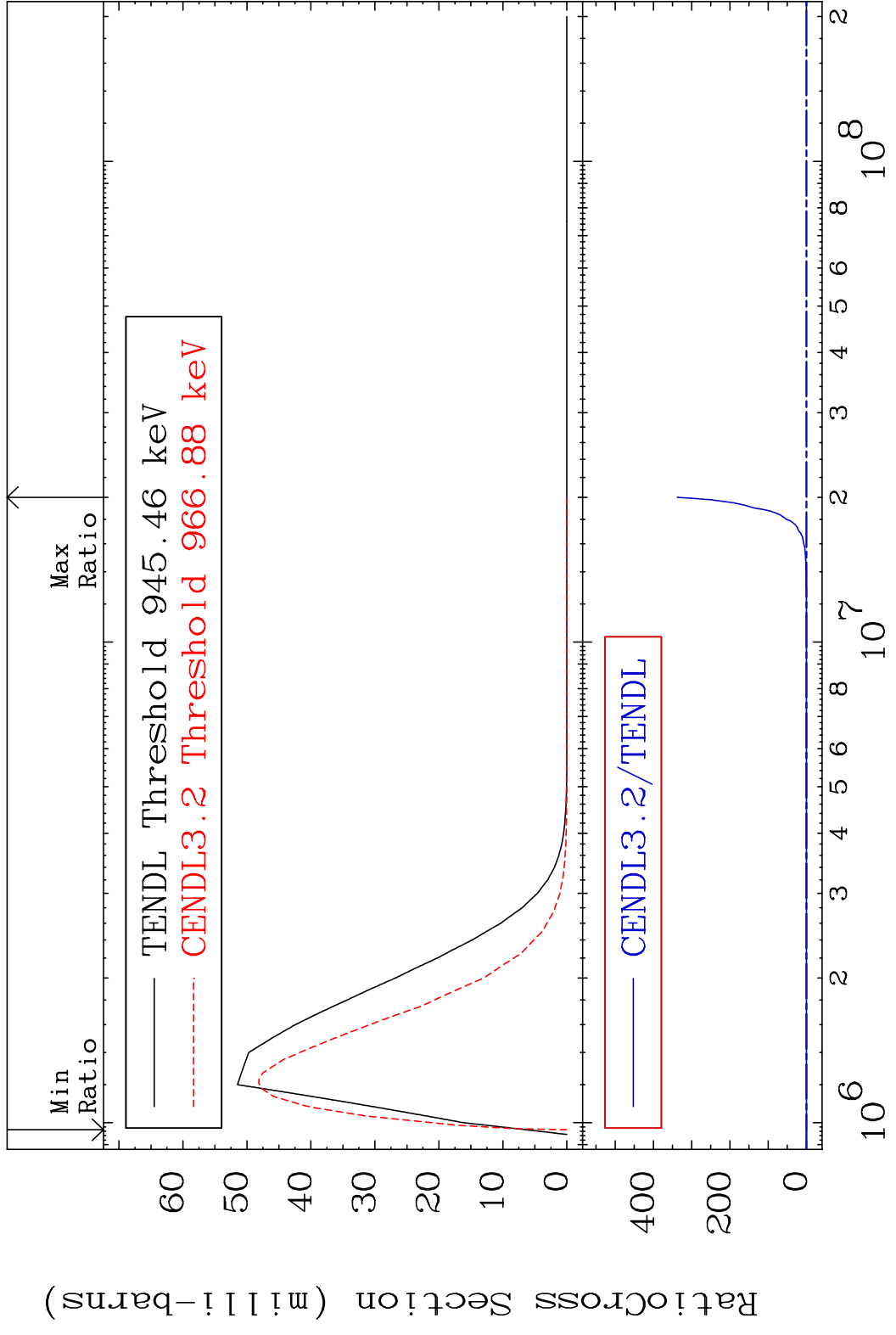


MAT 9434 MT= 59 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %



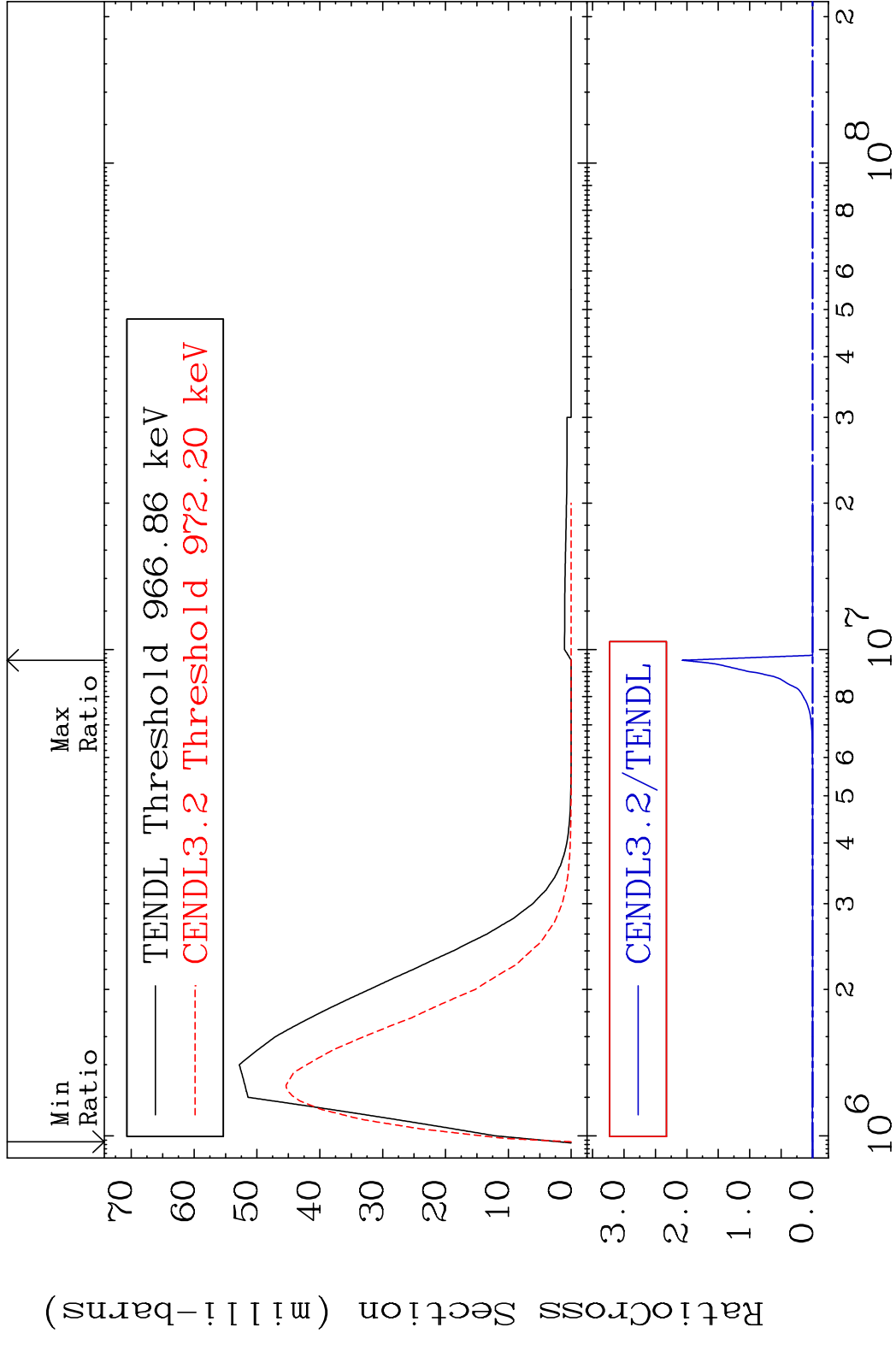
15 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 60 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %



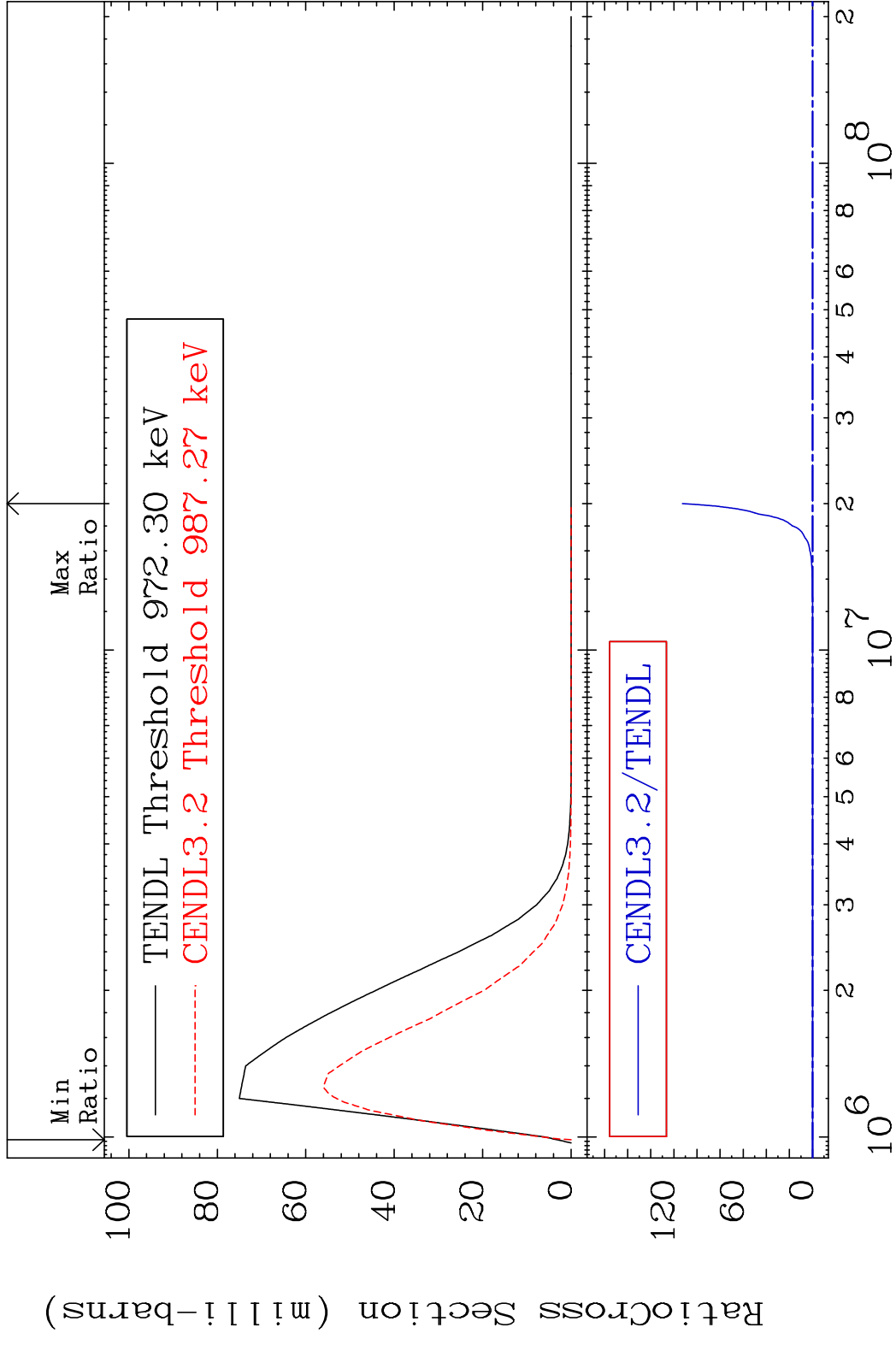
16 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 61 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %

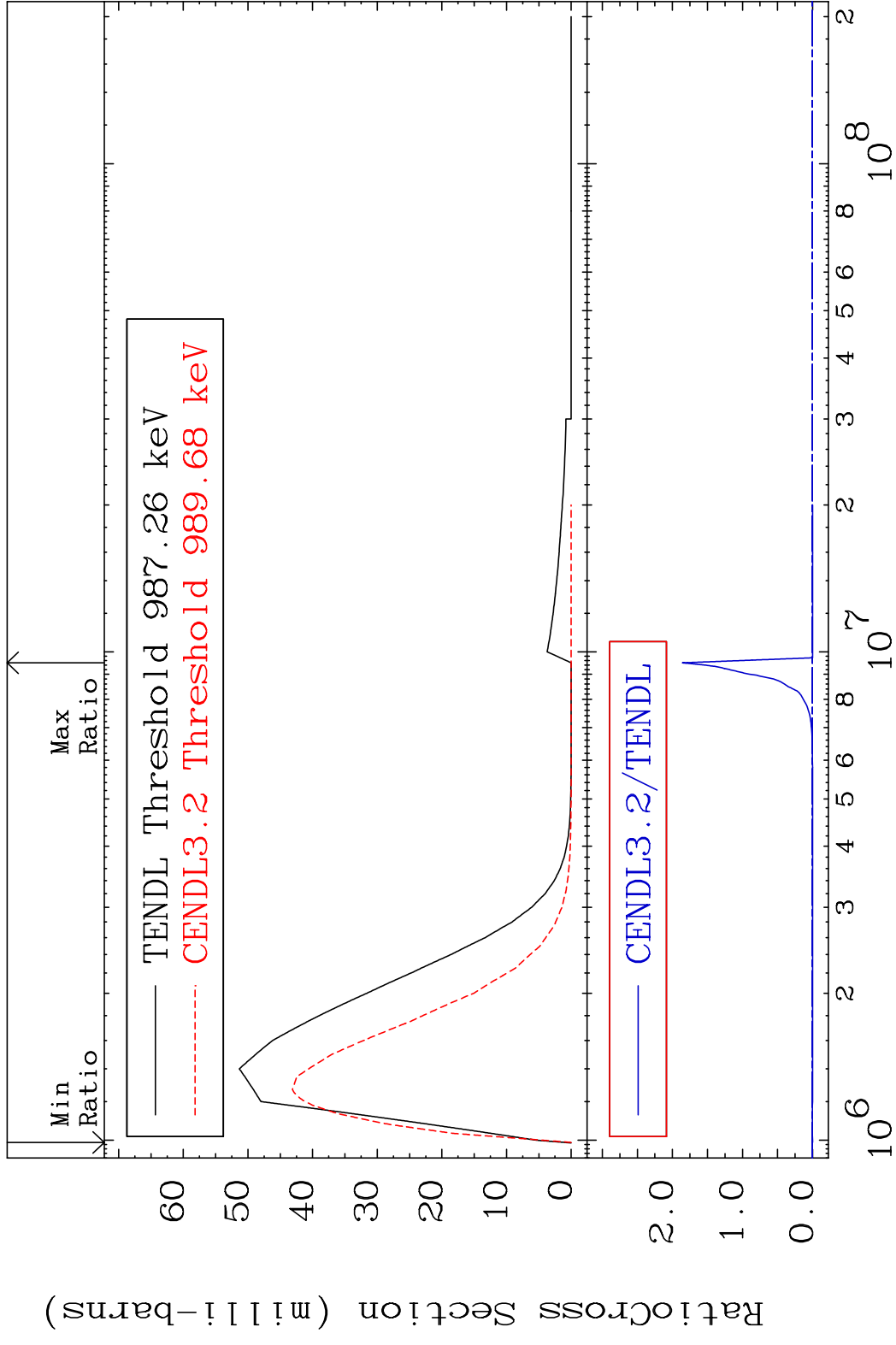


17 17 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 62 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %

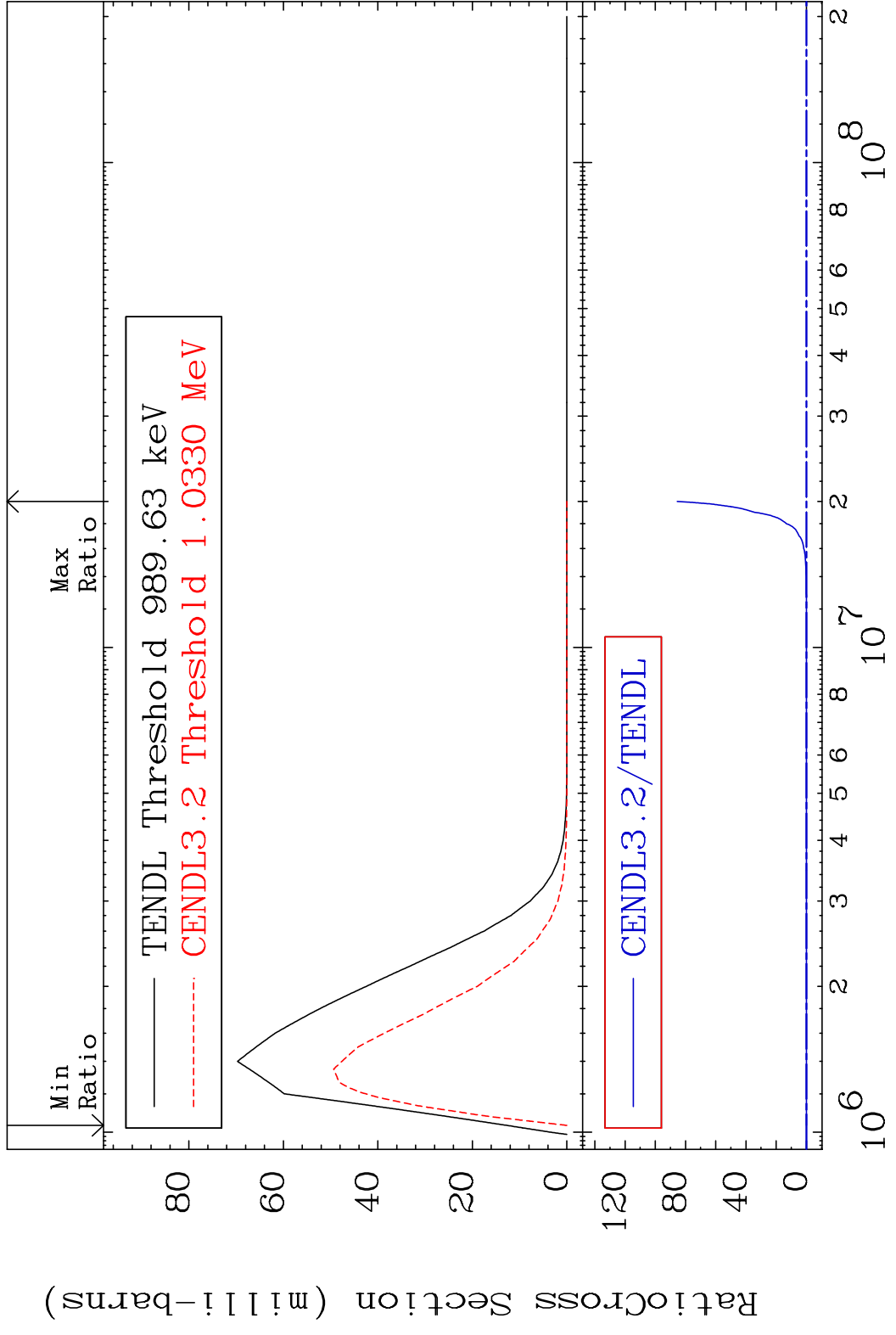


MAT 9434 MT= 63 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %

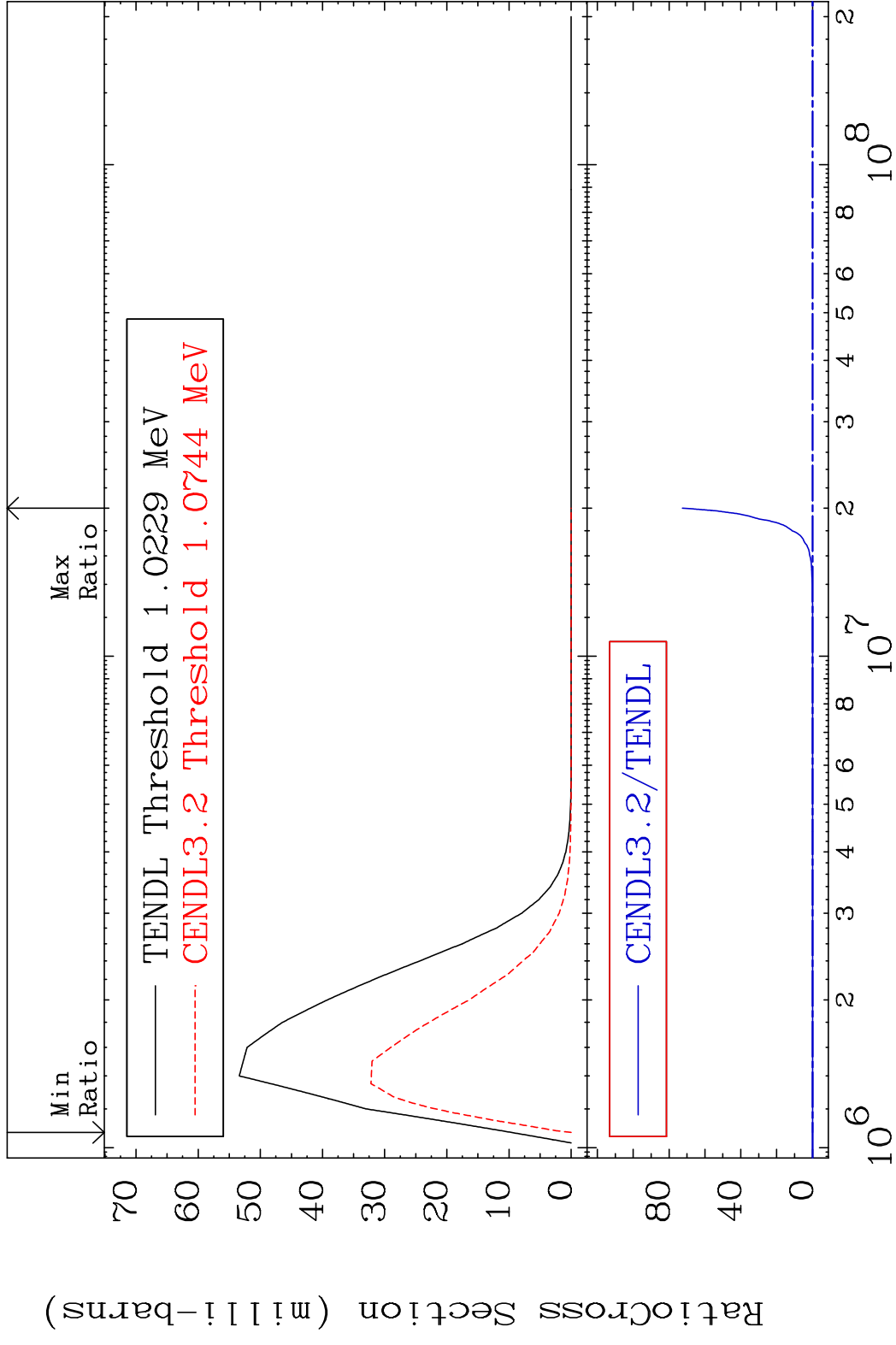


19 94-Pu-238

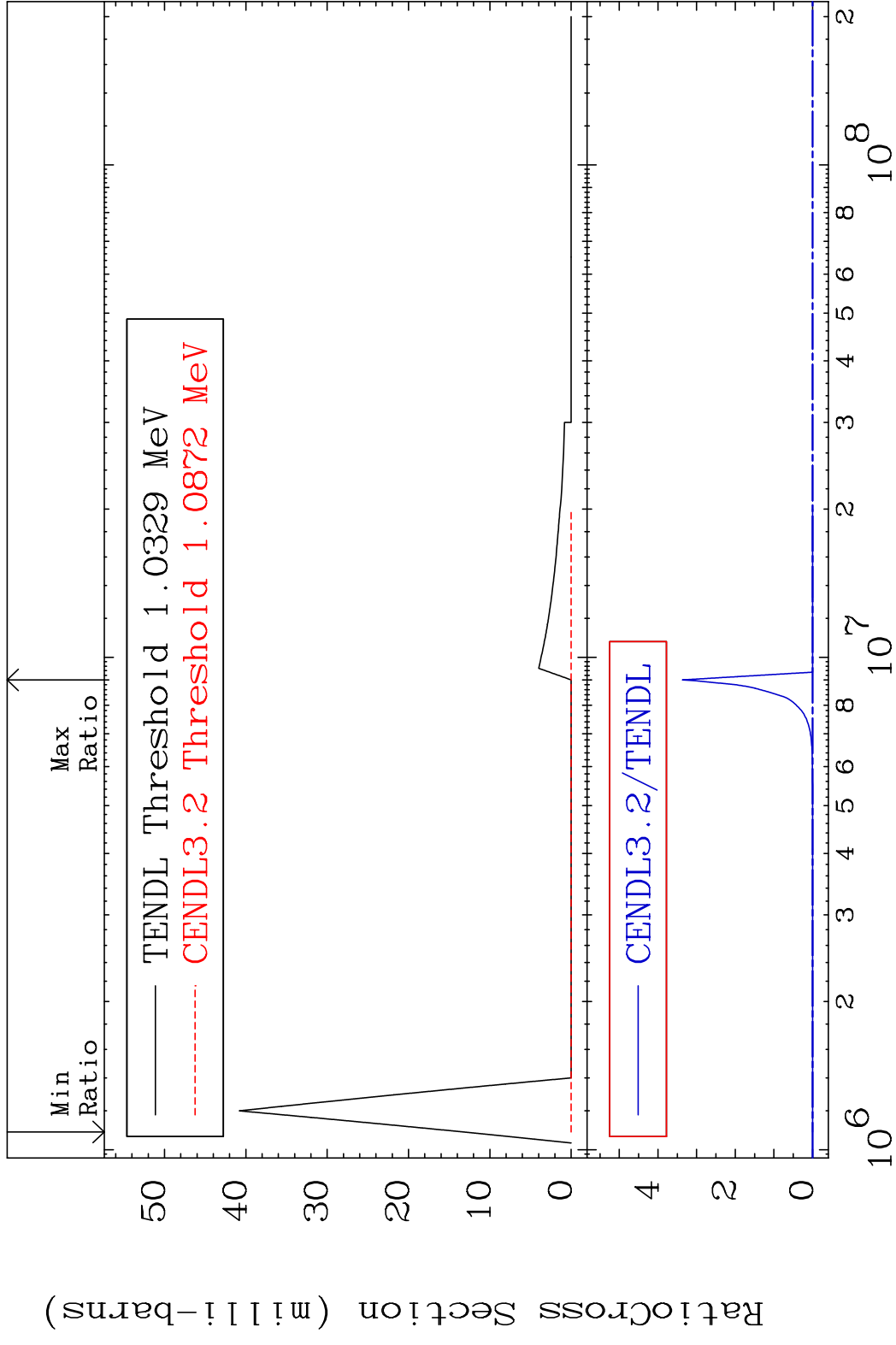
MAT 9434 MT= 64 (n, n') Level 94-Pu-238
Cross Section -100.0 To 9999. %



MAT 9434 MT= 65 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %



MAT 9434 MT= 66 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %

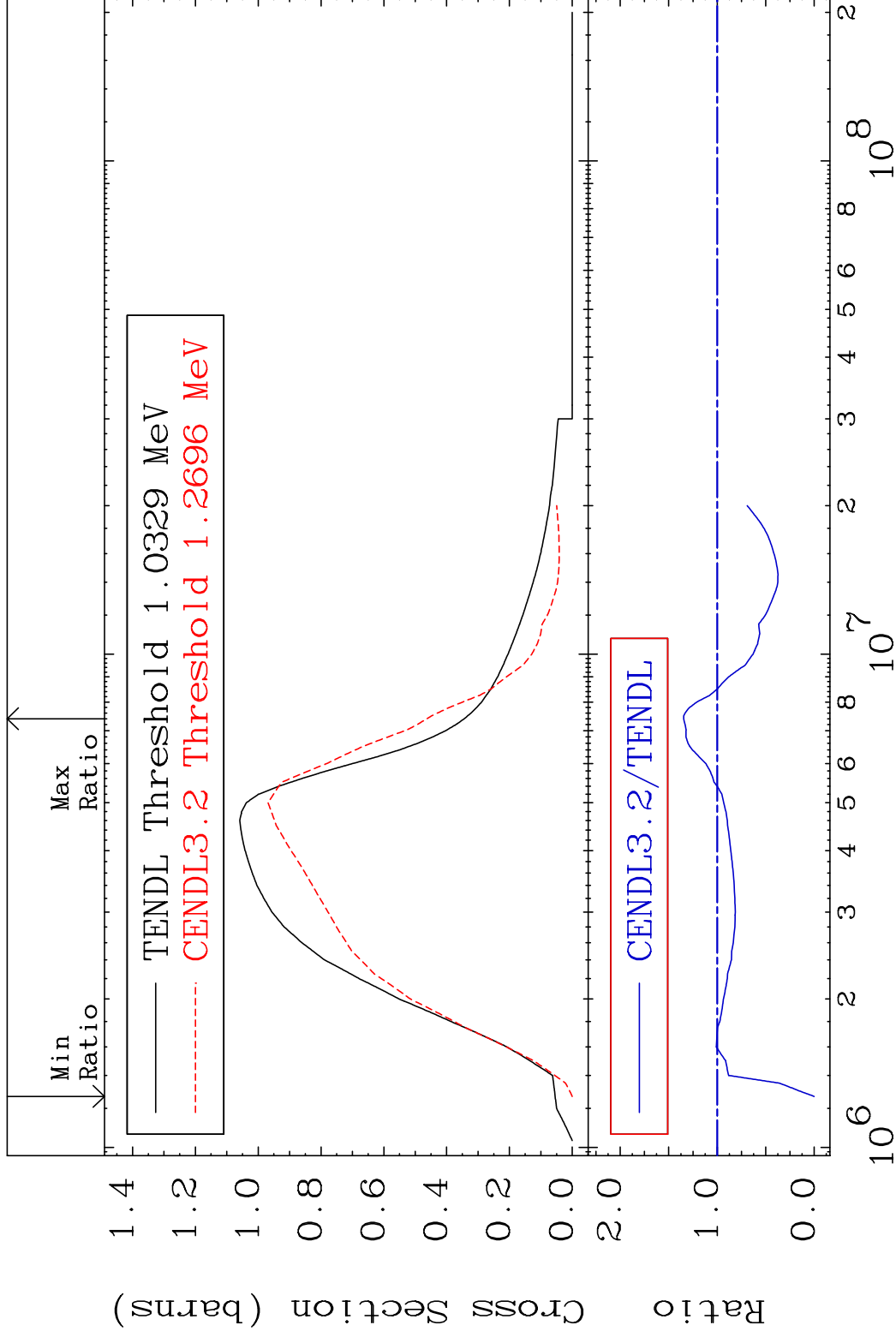


MAT 9434

(n, n') Continuum

94-Pu-238

Cross Section -100.0 To 34.59 %



23

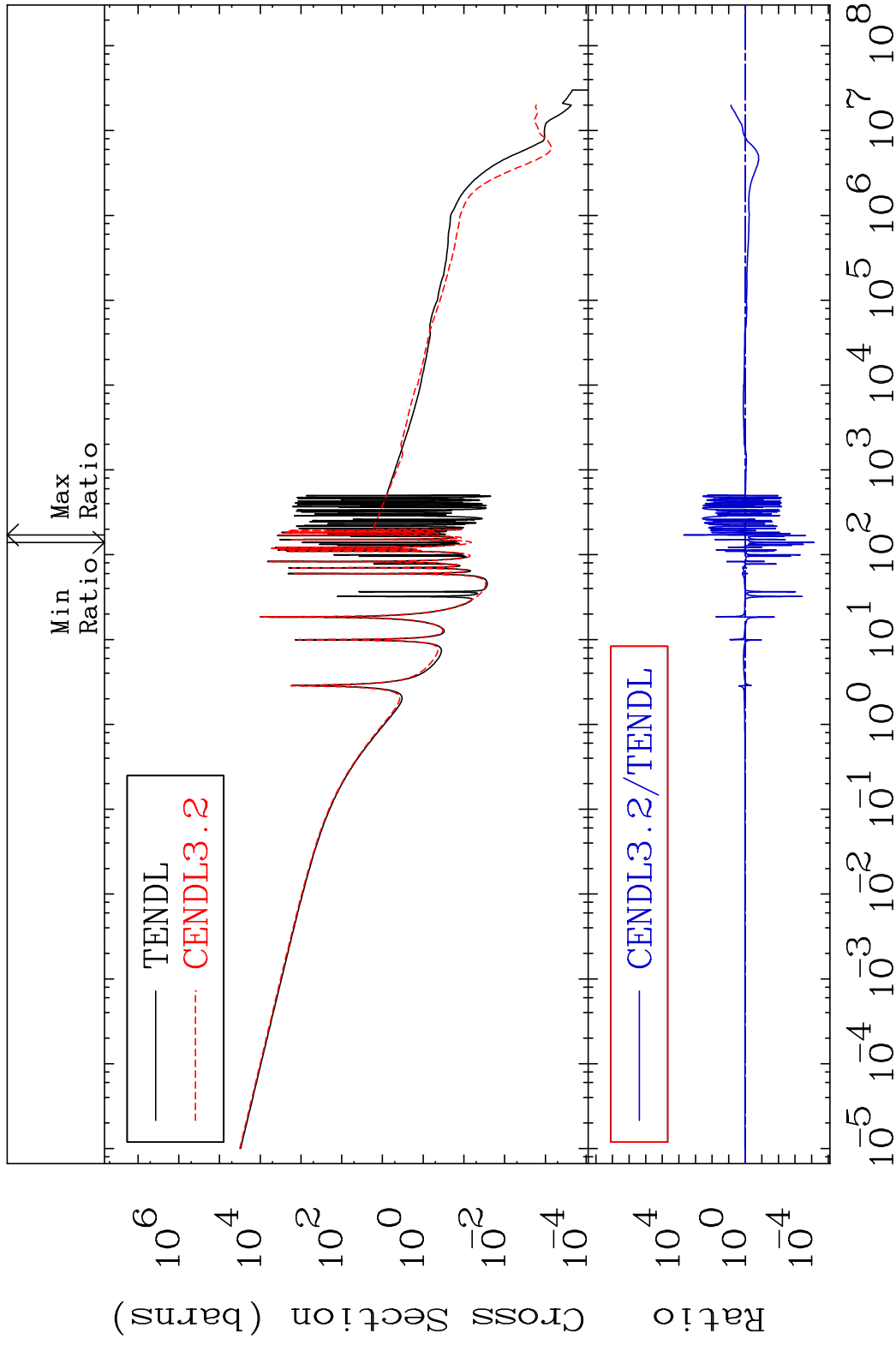
Incident Energy (eV)

94-Pu-238

MAT 9434

(n, γ)
Cross Section -99.99 To 9999. %

94-Pu-238



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Incident Energy (eV)

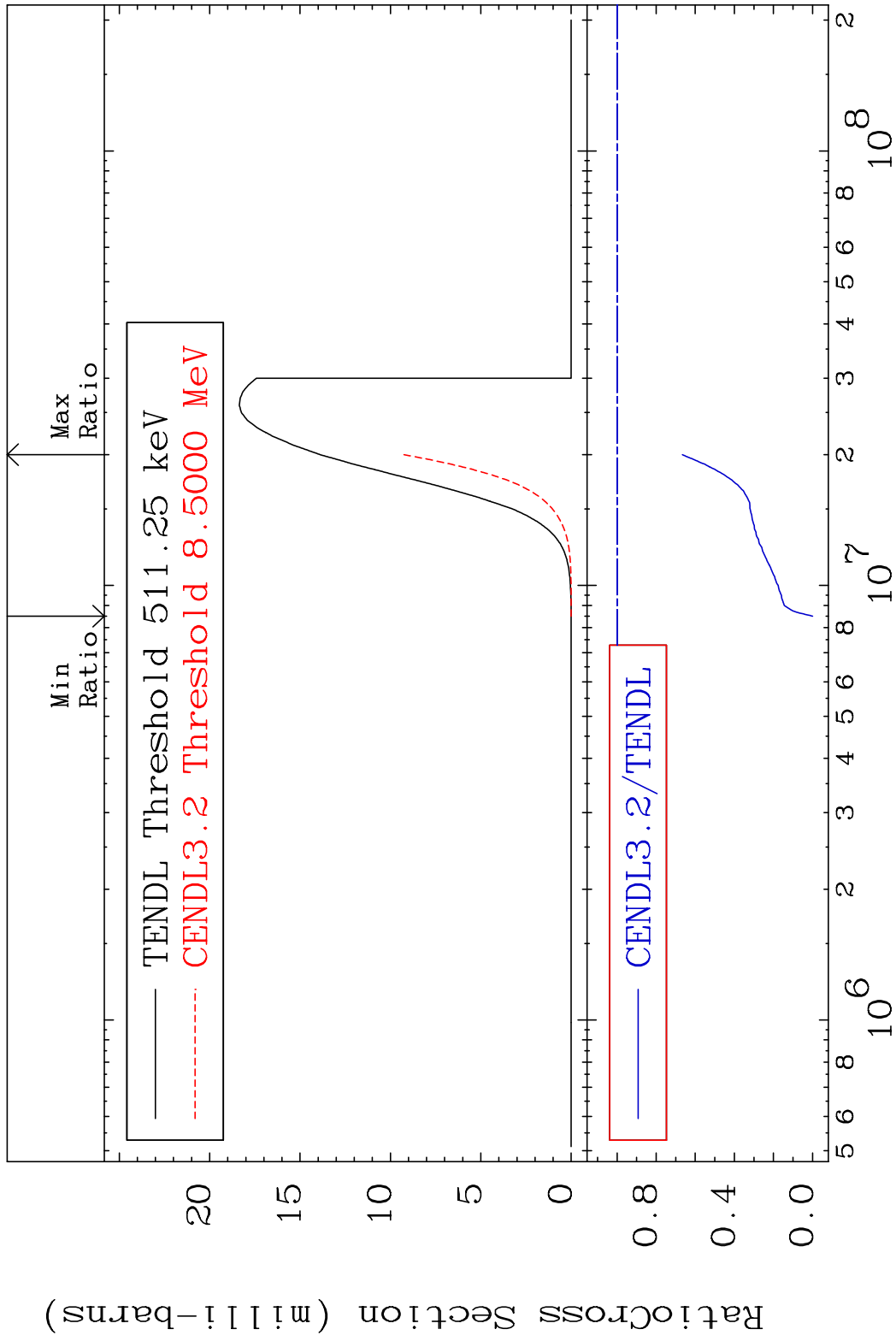
94-Pu-238

MAT 9434

(n, p)

94-Pu-238

Cross Section -100.0 To -33.39%



25

Incident Energy (eV)

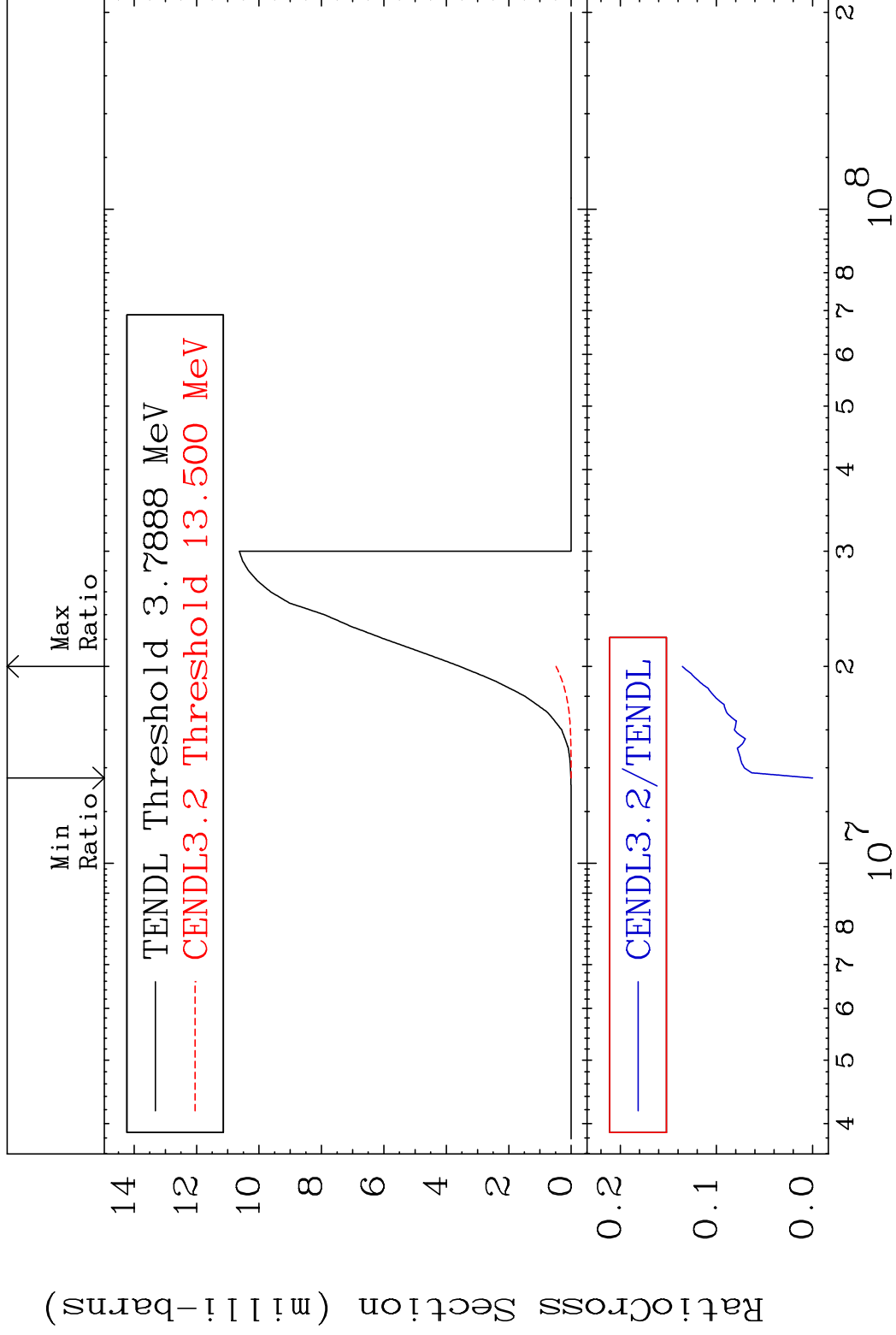
94-Pu-238

MAT 9434

(n, d)

94-Pu-238

Cross Section -100.0 To -86.46%



26

Incident Energy (eV)

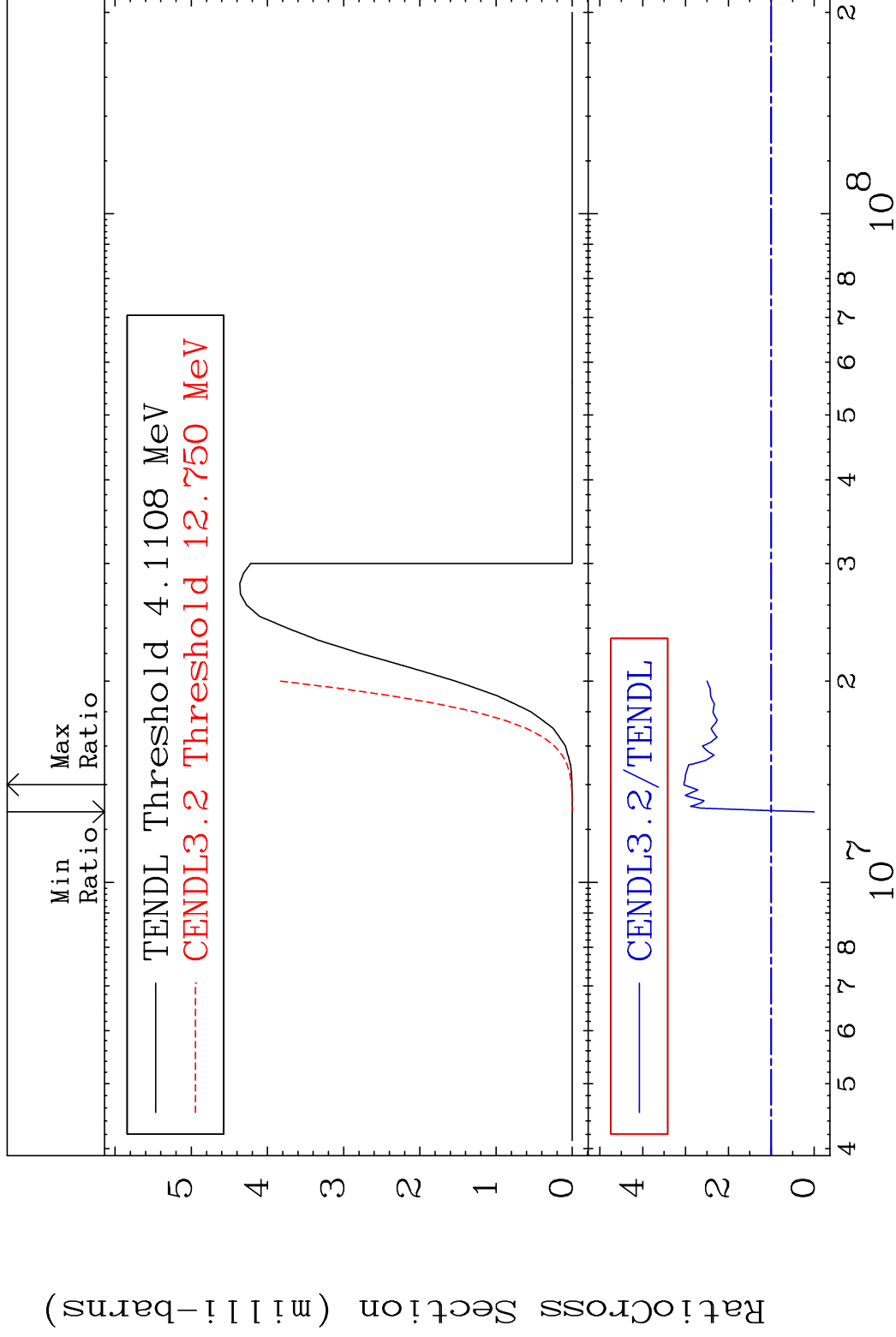
94-Pu-238

MAT 9434

(n, t)

94-Pu-238

Cross Section -100.0 To 204.4 %

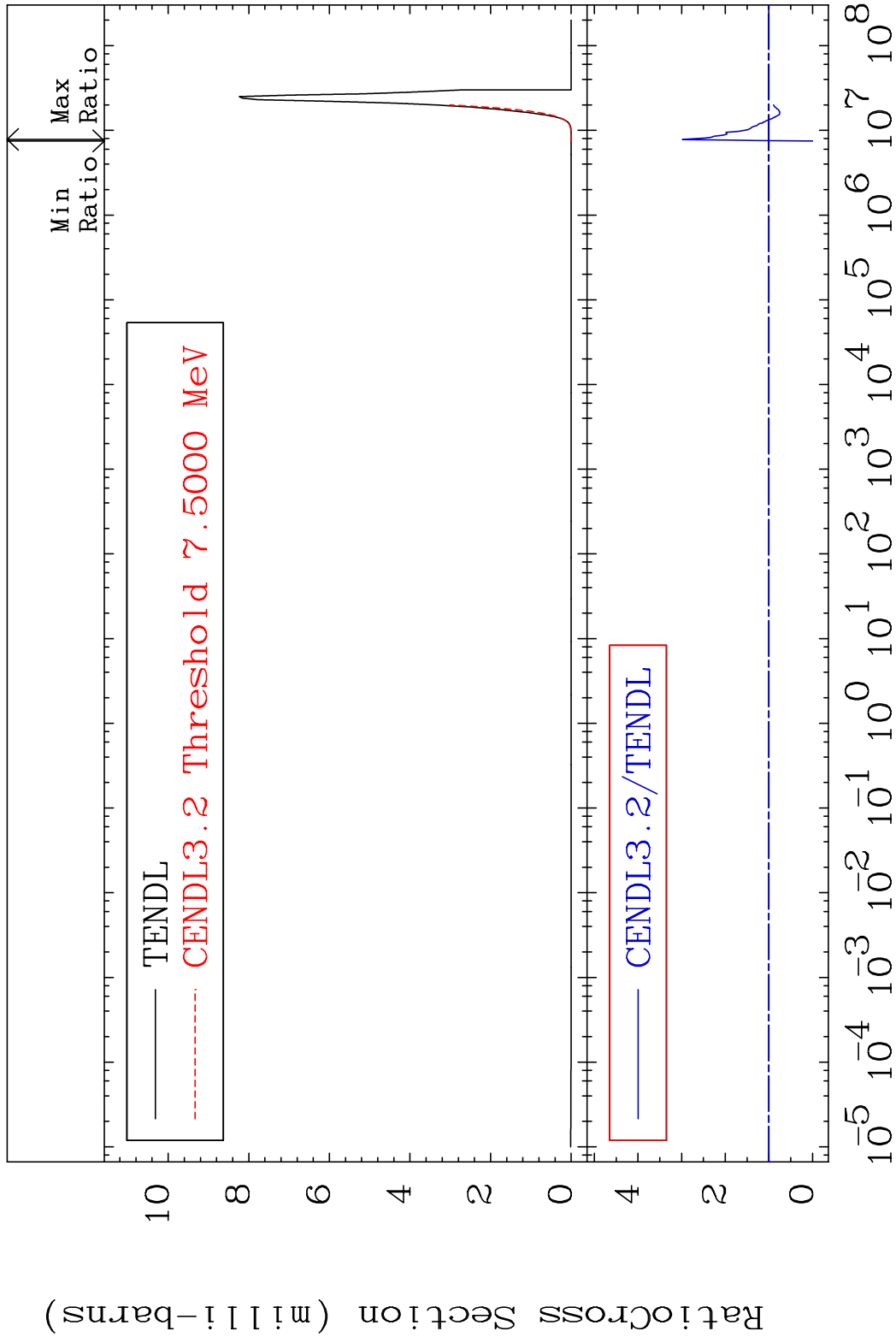


MAT 9434

(n, α)

94-Pu-238

Cross Section -100.0 To 198.4 %



28

Incident Energy (eV)

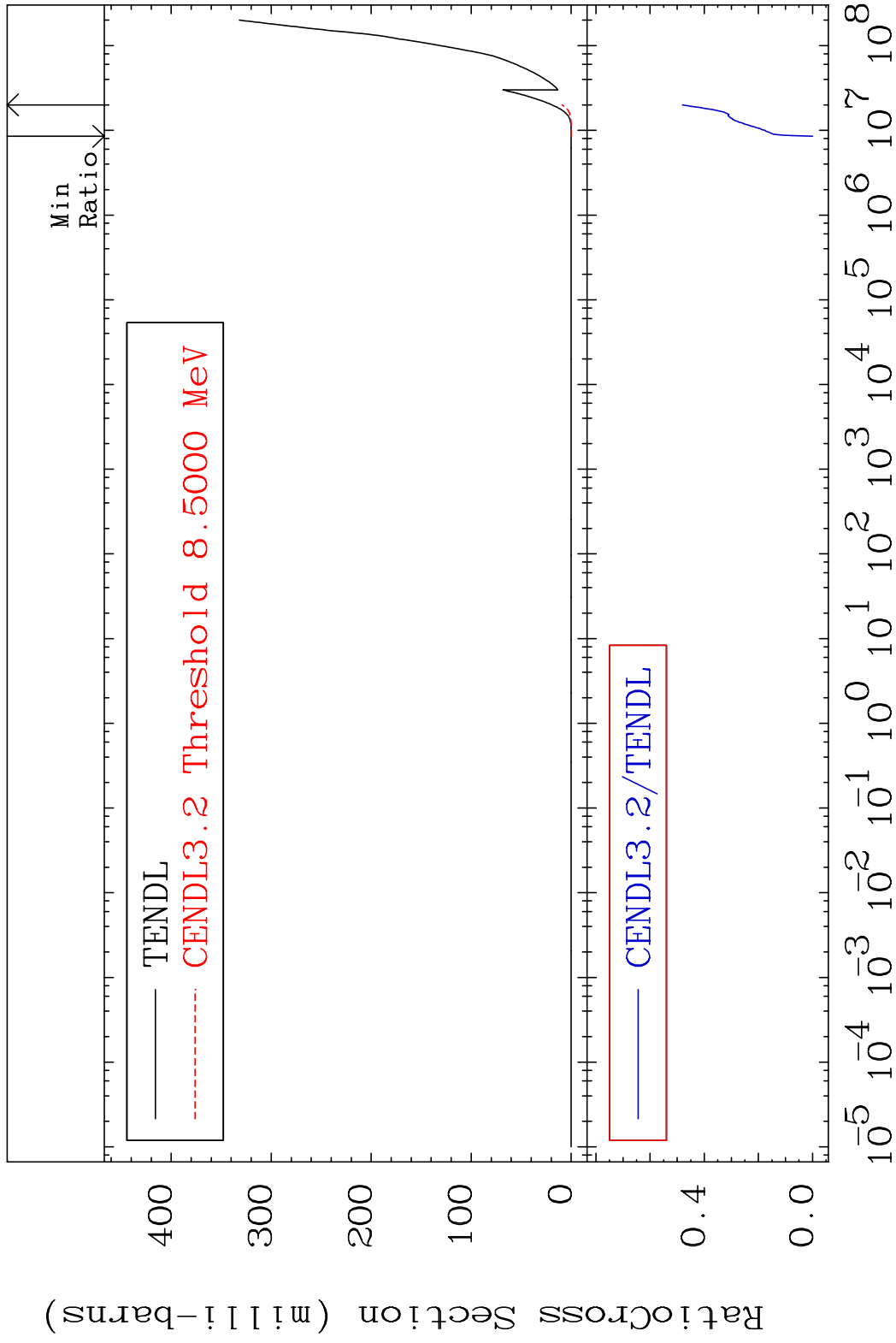
94-Pu-238

MAT 9434

Hydrogen Production

94-Pu-238

Cross Section -100.0 To -51.91%



29

Incident Energy (eV)

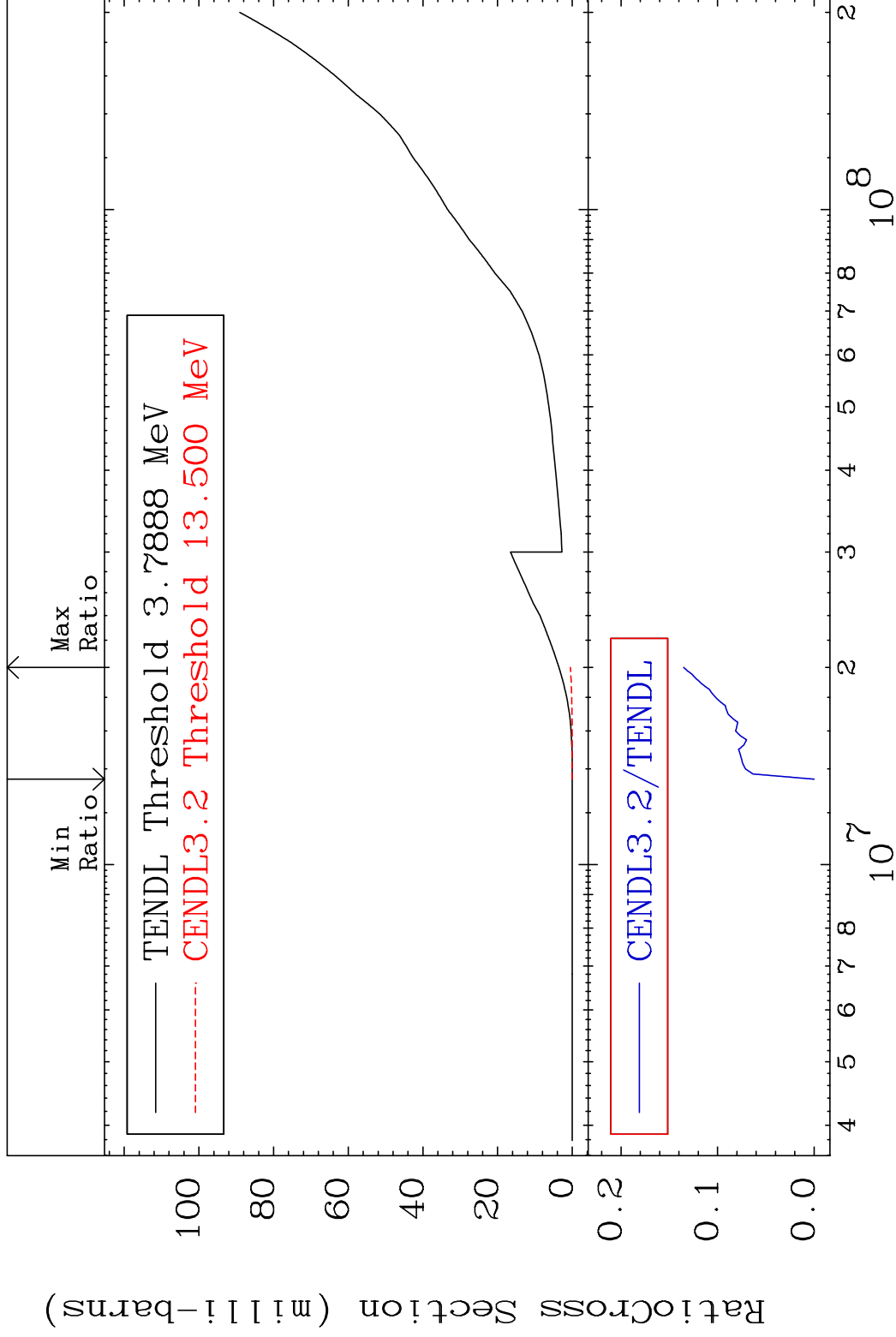
94-Pu-238

MAT 9434

Deuterium Production

94-Pu-238

Cross Section -100.0 To -86.49%



30

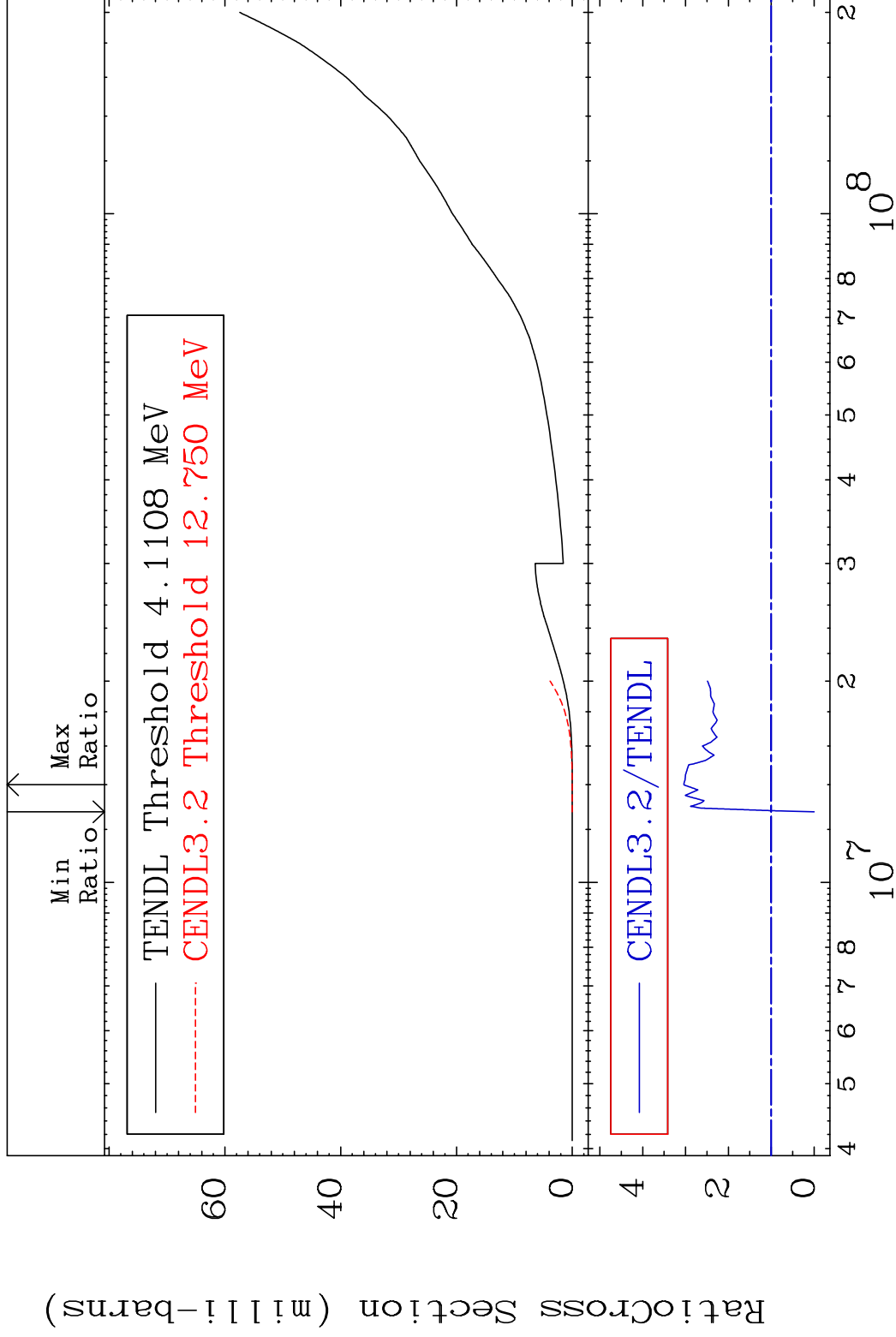
Incident Energy (eV)

94-Pu-238

MAT 9434

Tritium Production 94-Pu-238

Cross Section -100.0 To 204.4 %



31

Incident Energy (eV)

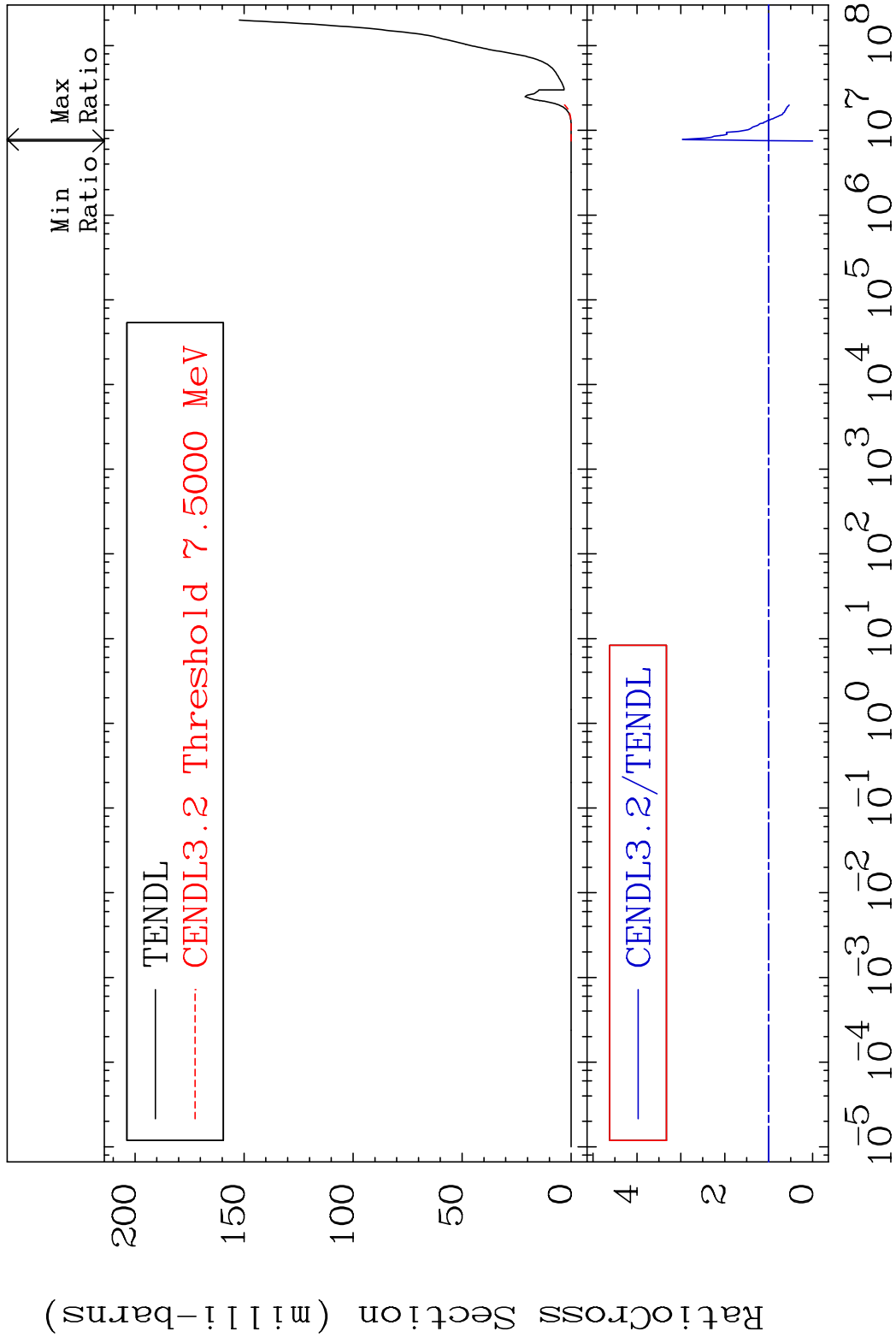
94-Pu-238

MAT 9434

He-4 Production

94-Pu-238

Cross Section -100.0 To 196.6 %



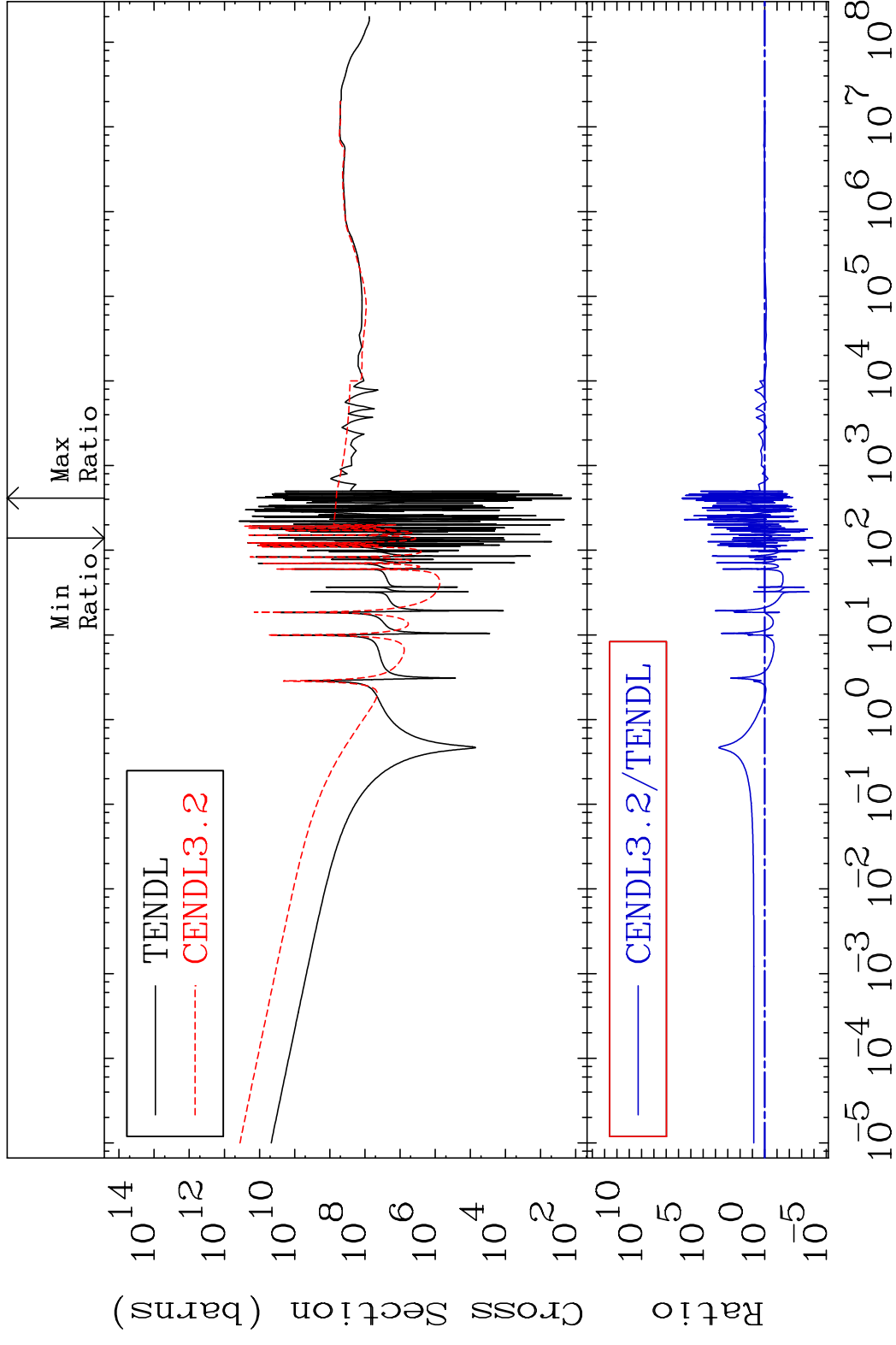
32

Incident Energy (eV)

94-Pu-238

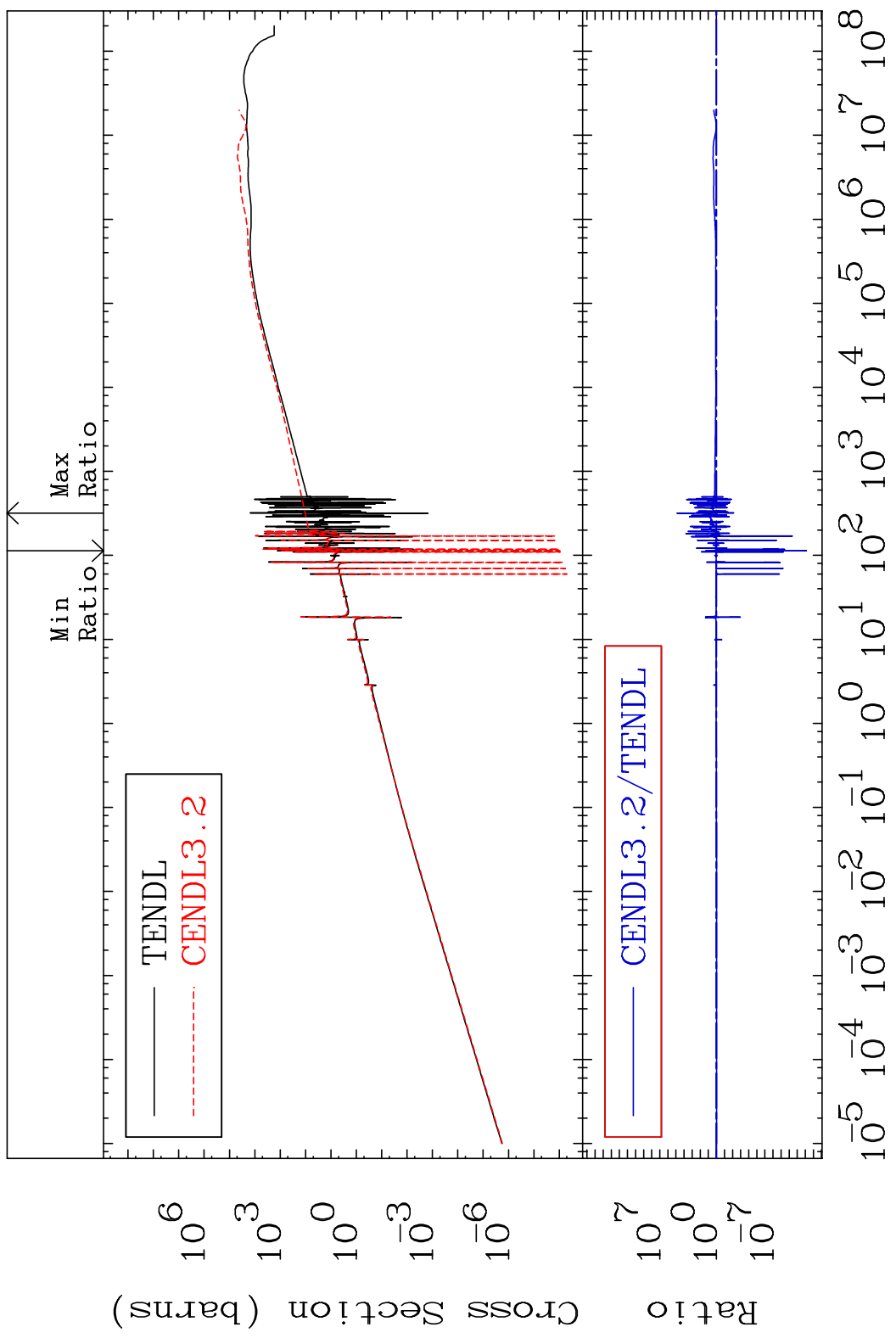
MAT 9434

Kerma total (eV-barns) 94-Pu-238
Cross Section -99.99 To 9999. %

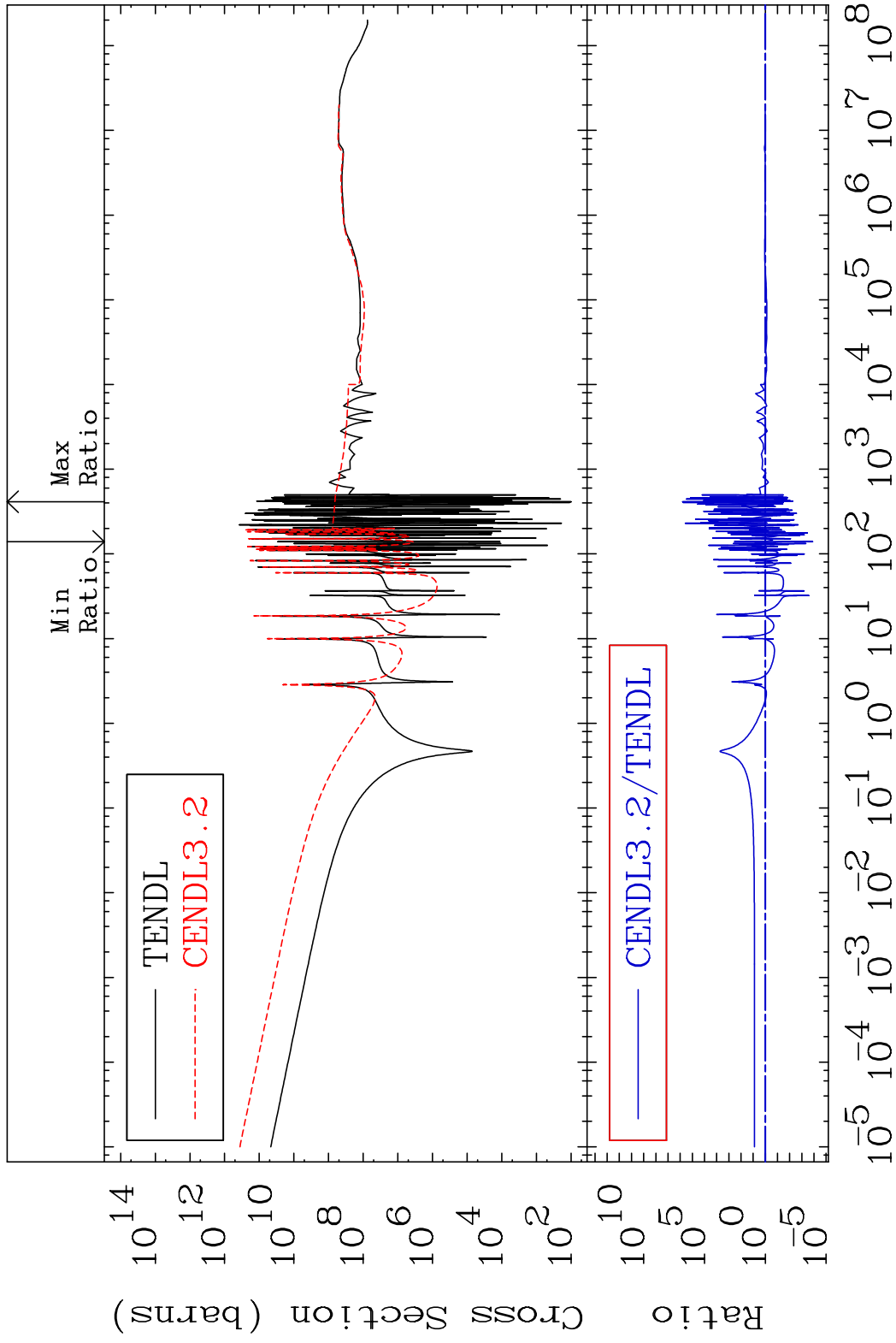


MAT 9434

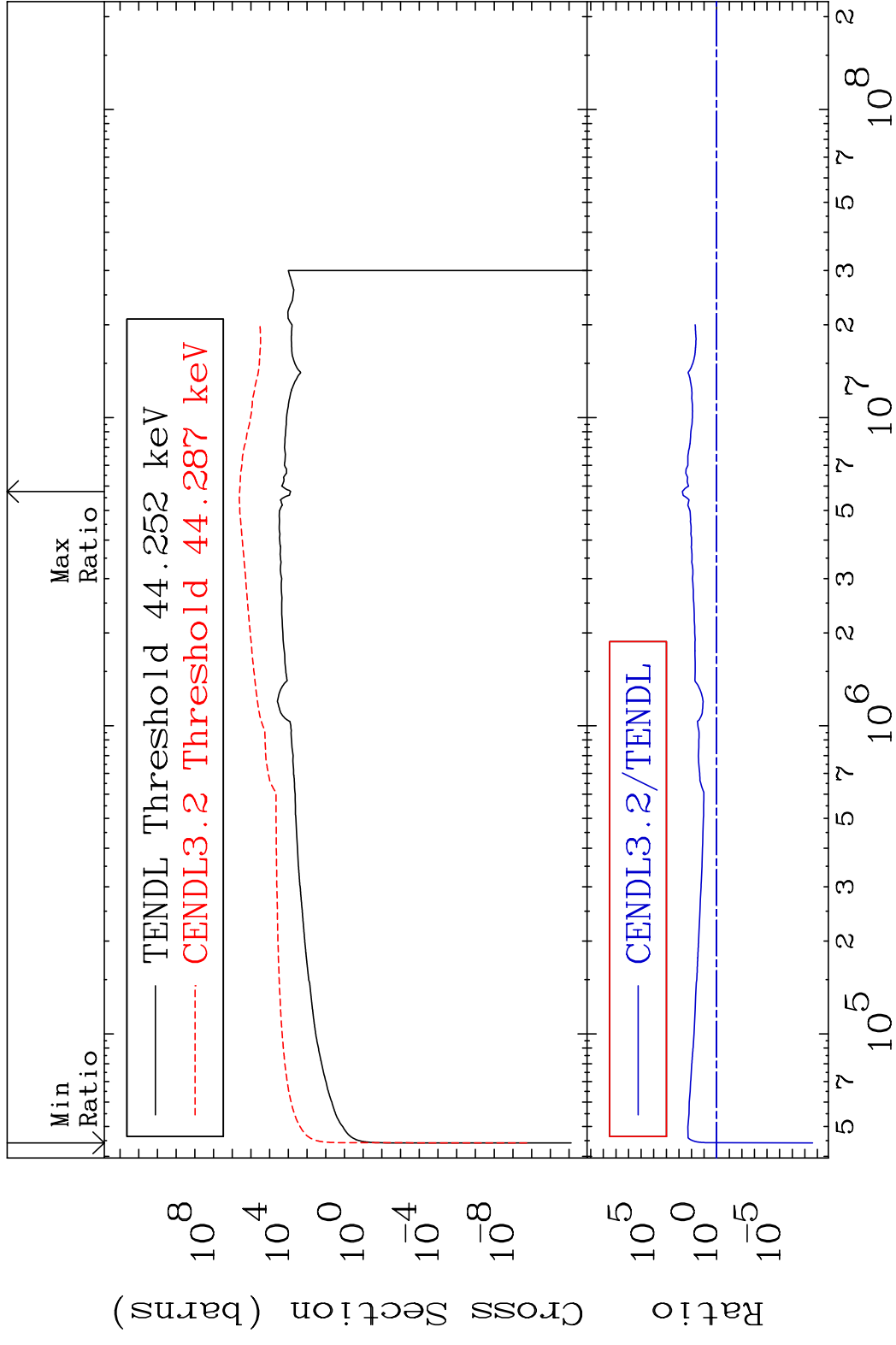
Kerma elastic Cross Section -100.0 To 9999. %
94-Pu-238



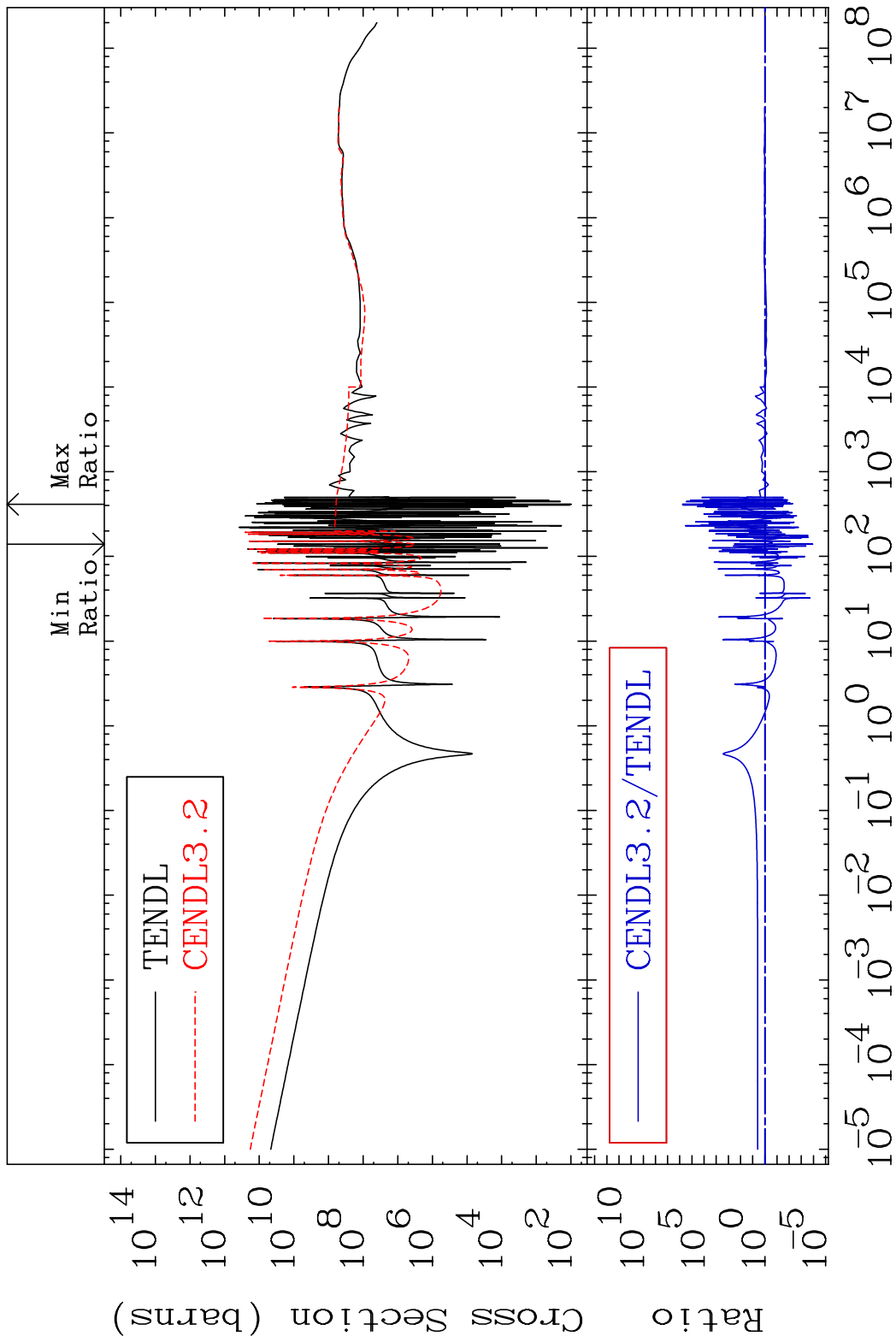
MAT 9434 Kerma non-elastic (all but mt2) 94-Pu-238
 Cross Section -99.99 To 9999. %



MAT 9434 Kerma inelastic (mt51-91) 94-Pu-238
 Cross Section -100.0 To 9999. %

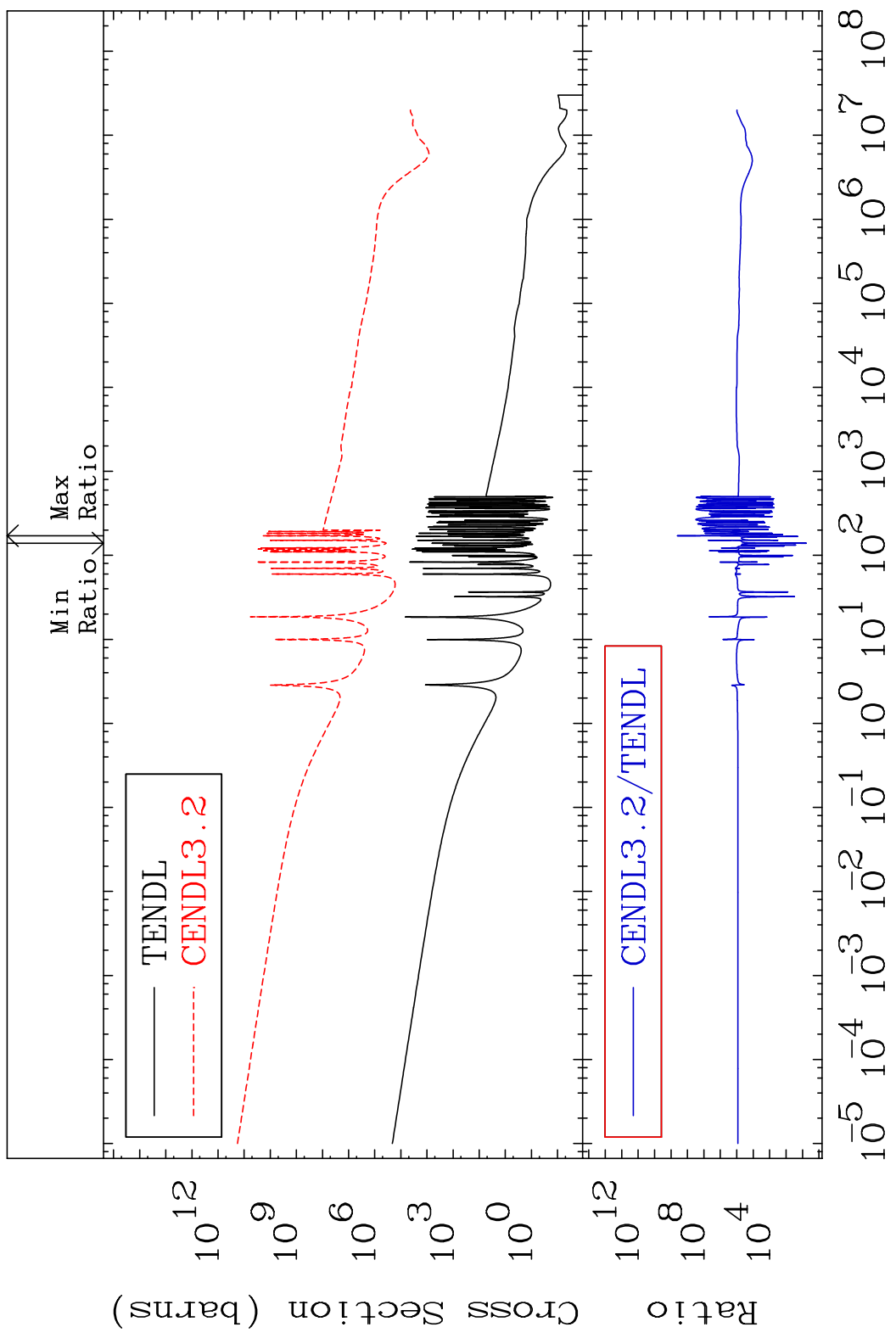


MAT 9434 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-238
 Cross Section -99.99 To 9999. %



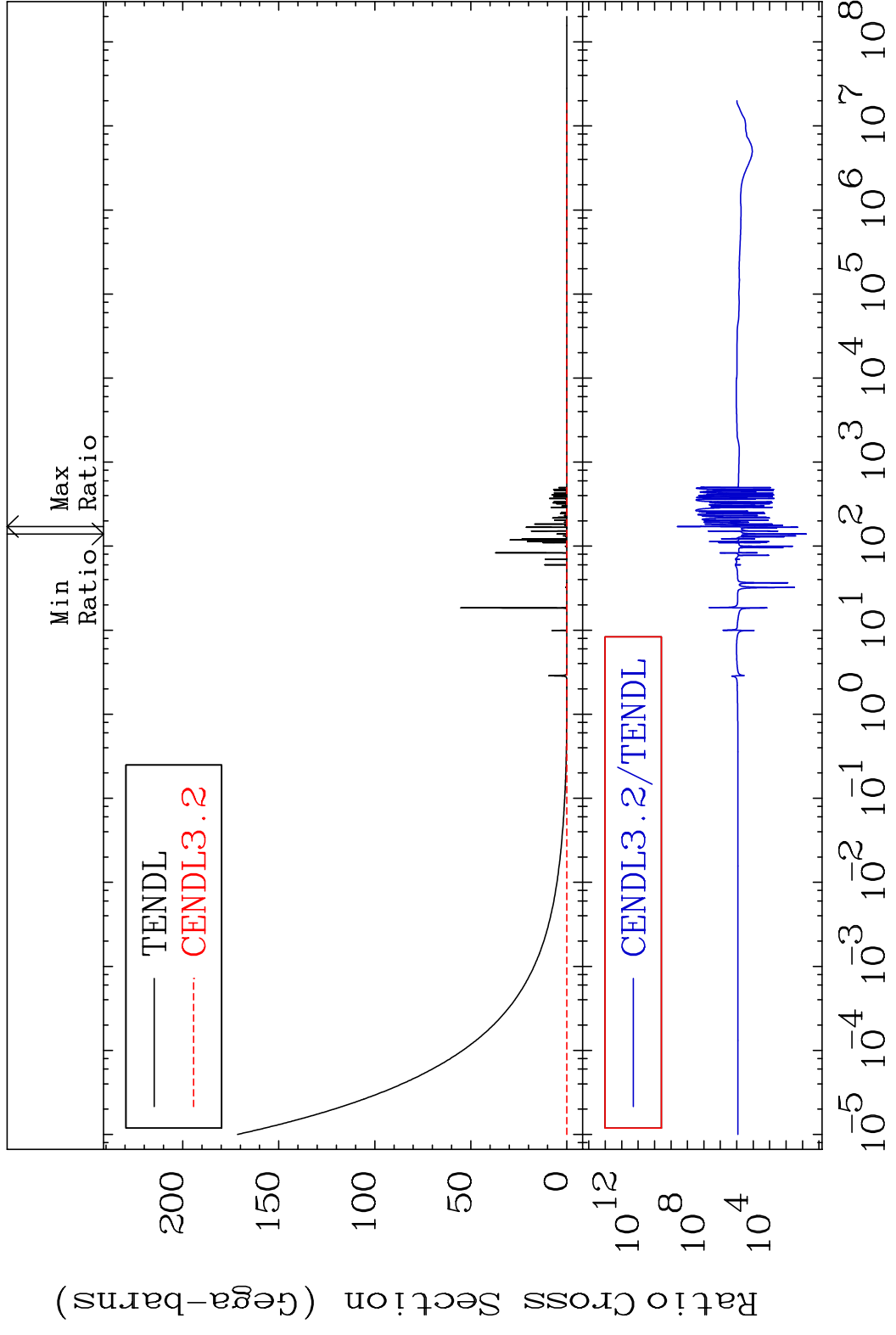
MAT 9434

Kerma capture (mt102) 94-Pu-238
Cross Section 5702. To 9999. %



MAT 9434

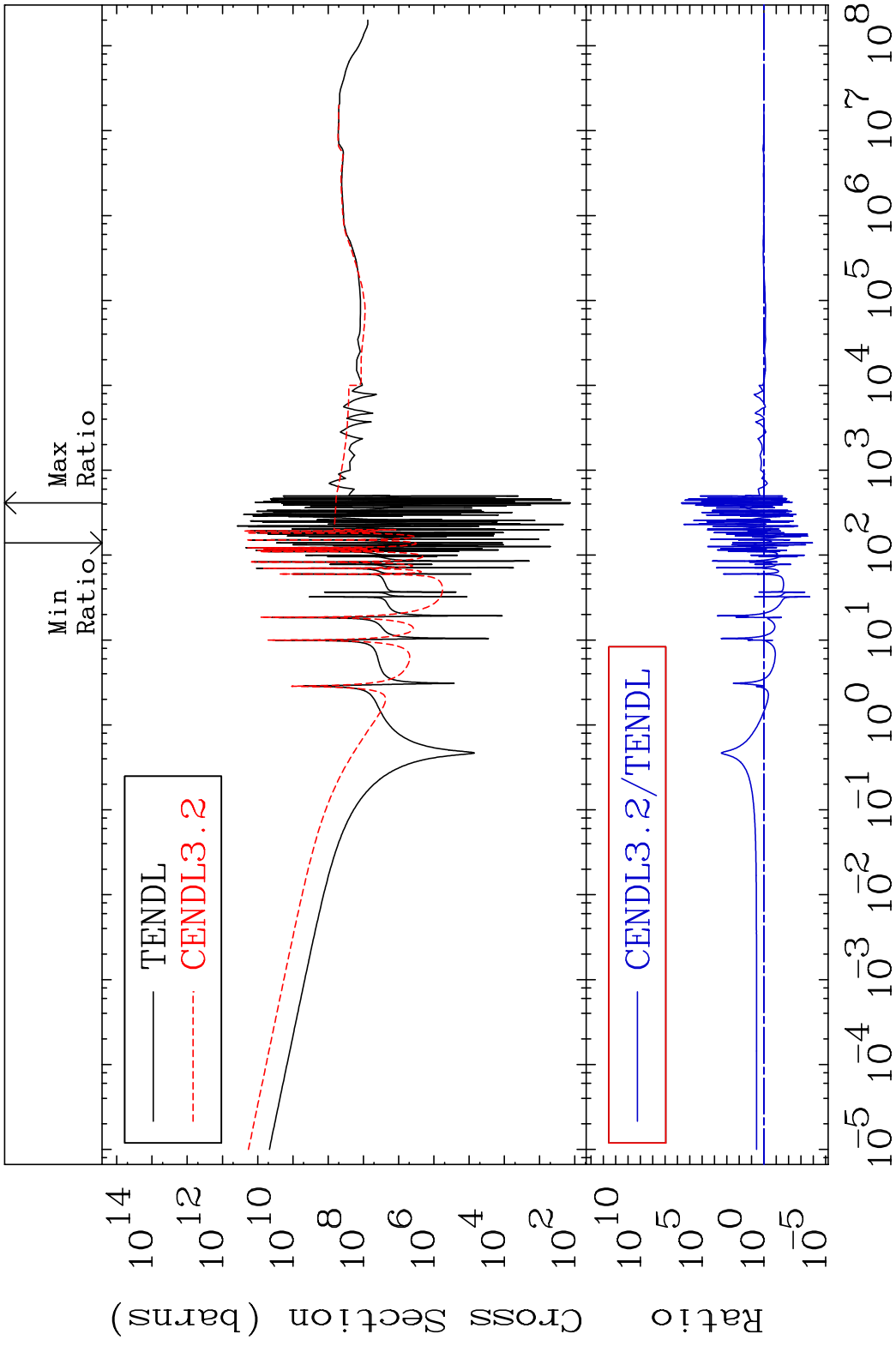
Total photon (eV-barns) 94-Pu-238
Cross Section 5702. To 9999. %



39

Incident Energy (eV) 94-Pu-238

MAT 9434 Total kinematic kerma (high limit) 94-Pu-238
Cross Section -99.99 To 9999. %

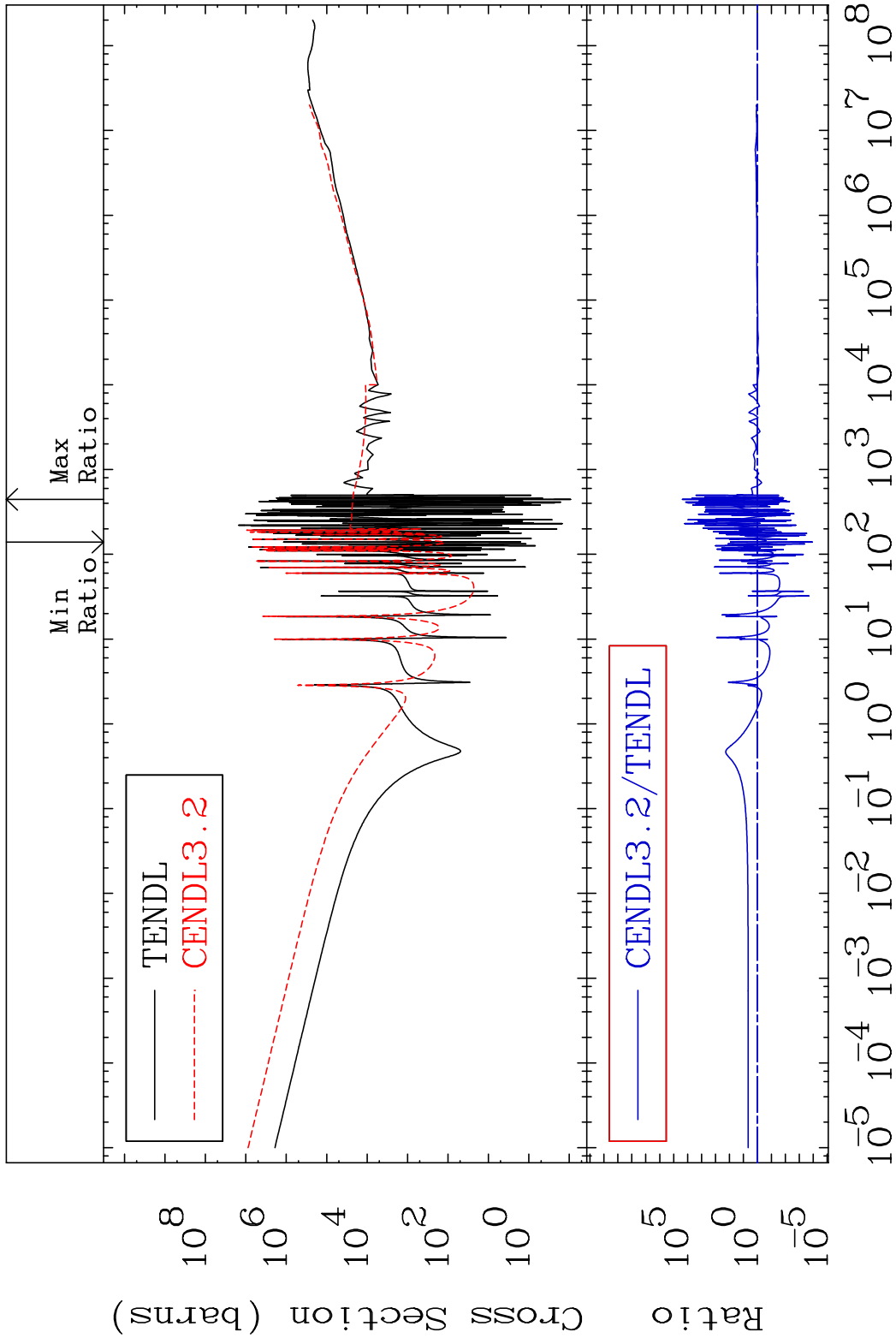


MAT 9434

Dpa total (eV-barns)

94-Pu-238

Cross Section -99.99 To 9999. %



41

Incident Energy (eV)

94-Pu-238

MAT 9434

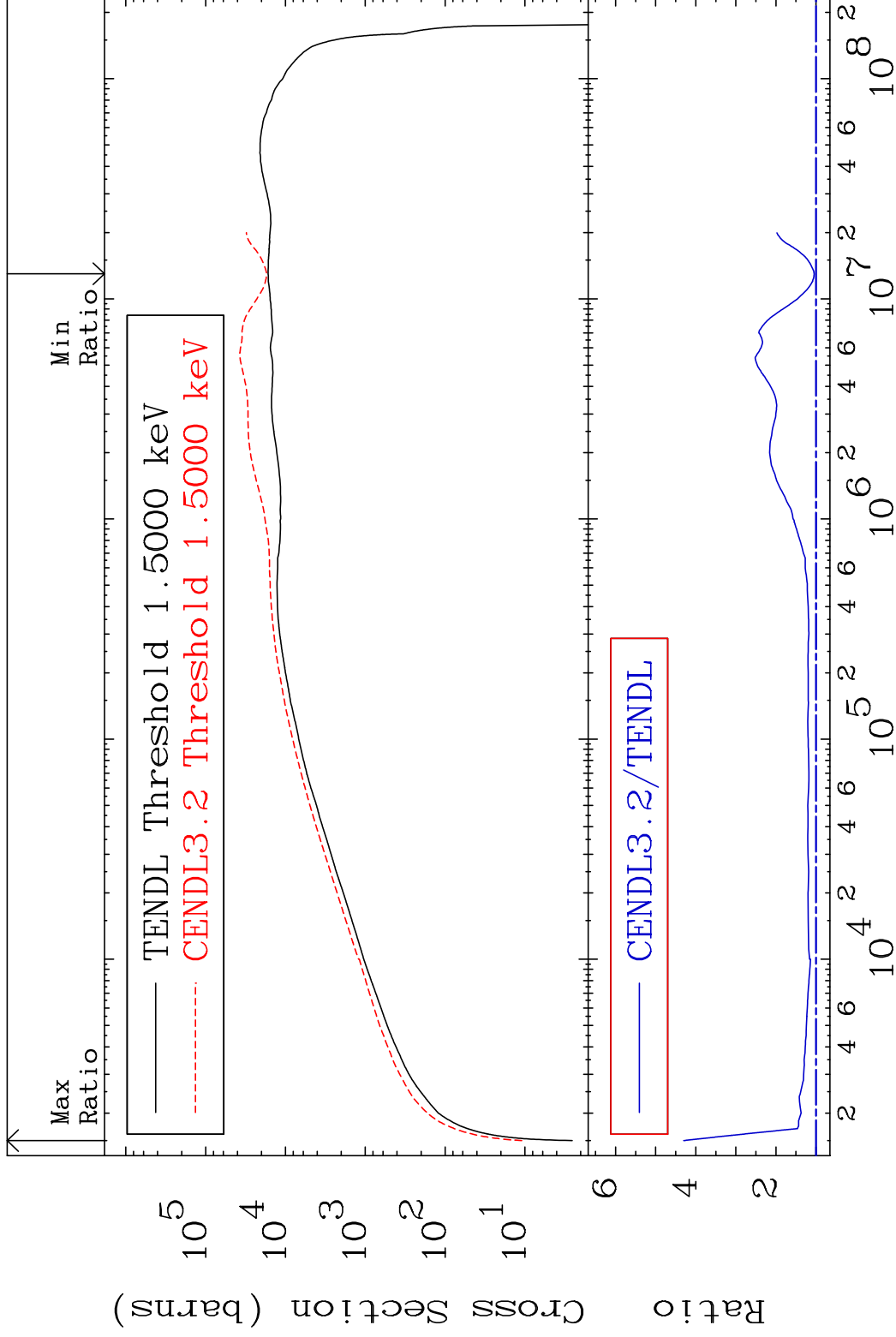
Dpa elastic (mt2)

94-Pu-238

Cross Section

4.773

To 330.2 %

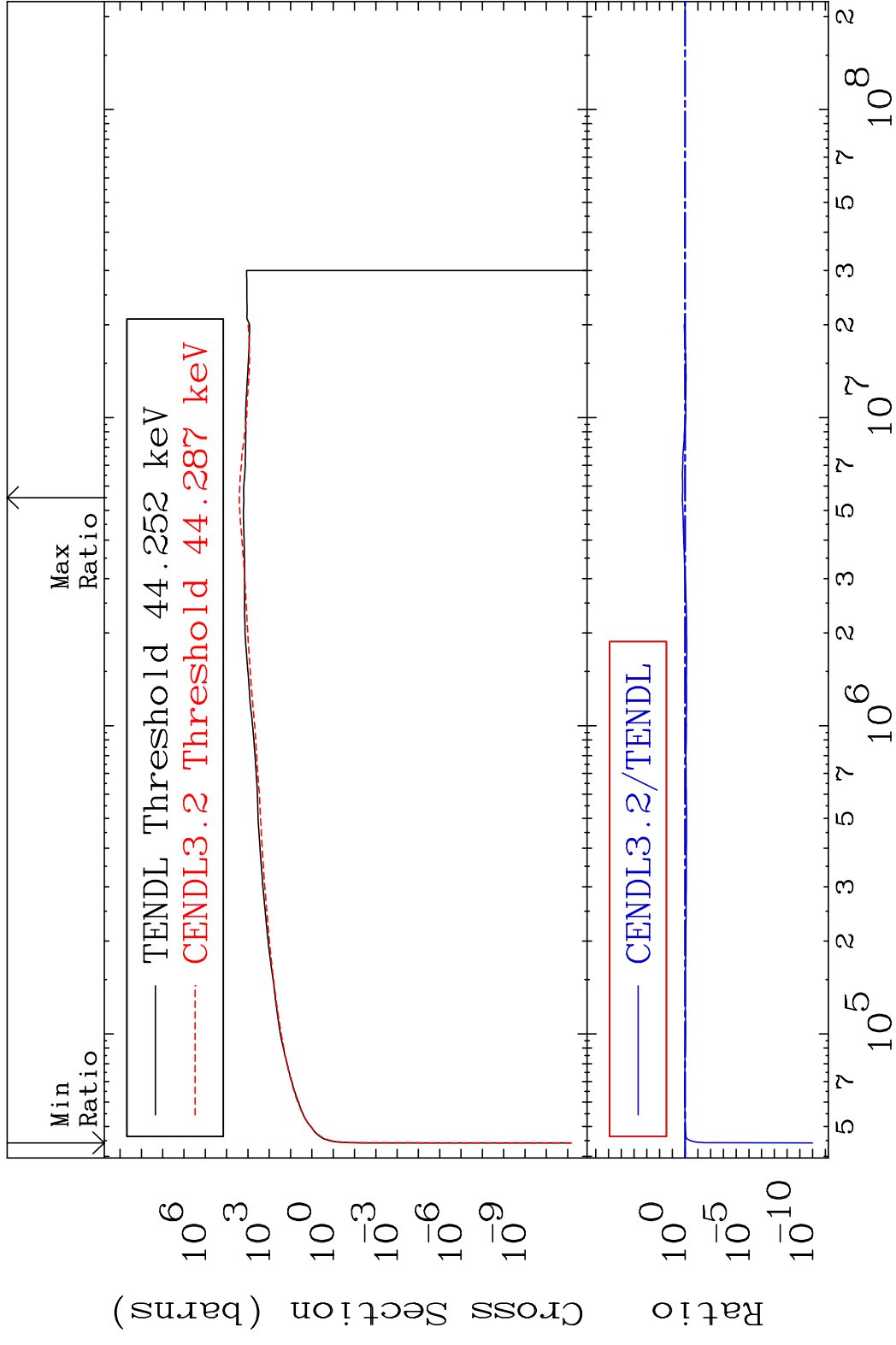


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Incident Energy (eV)

94-Pu-238

MAT 9434 Dpa inelastic (mt51-91) 94-Pu-238
 Cross Section -100.0 To 62.35 %



MAT 9434 Dpa disappearance (mt102 -120) 94-Pu-238
 Cross Section -99.68 To 9999. %

