

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

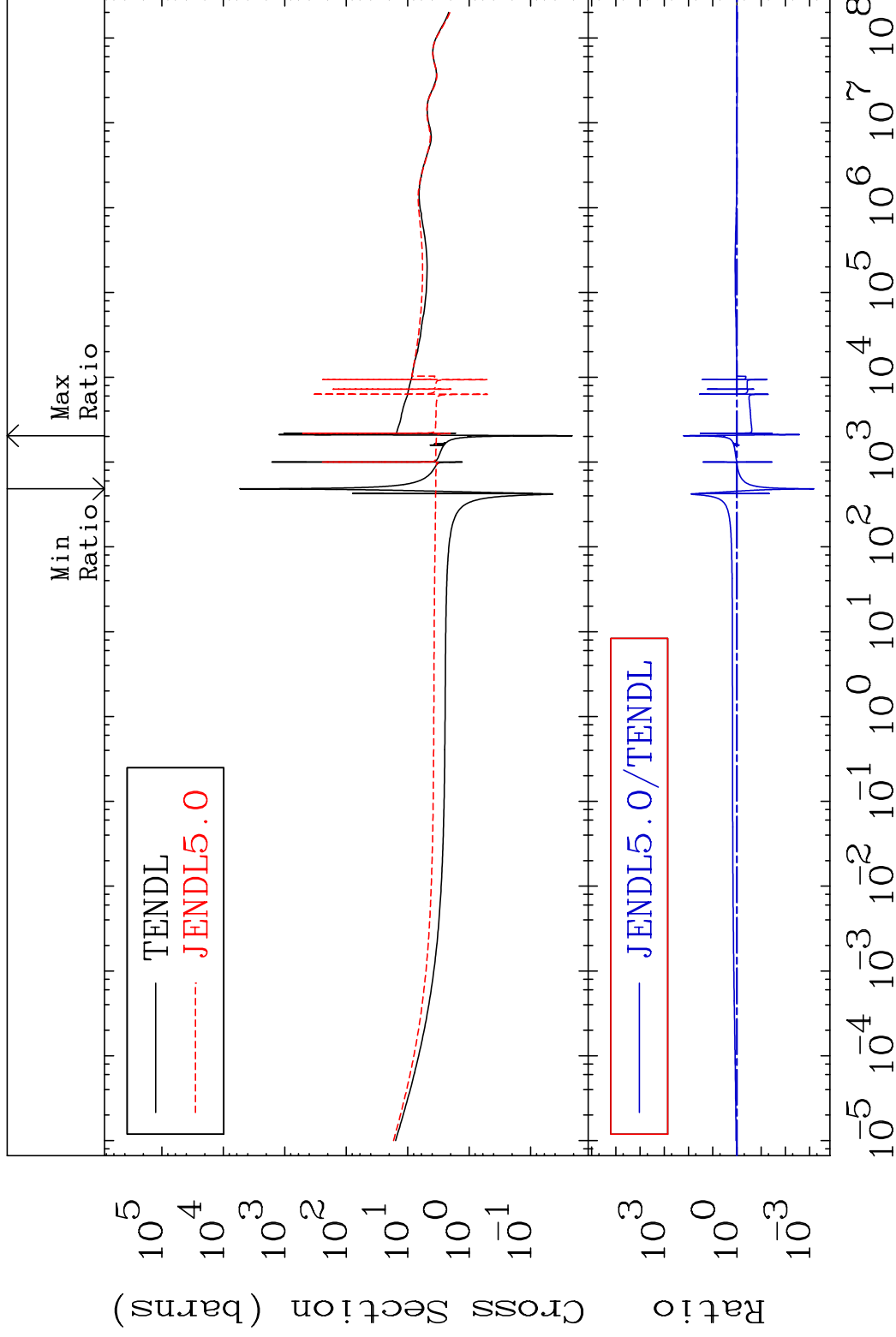
MAT 5455

Total

54-Xe-134

Cross Section

-99.94 To 9999. %



1

Incident Energy (eV)

54-Xe-134

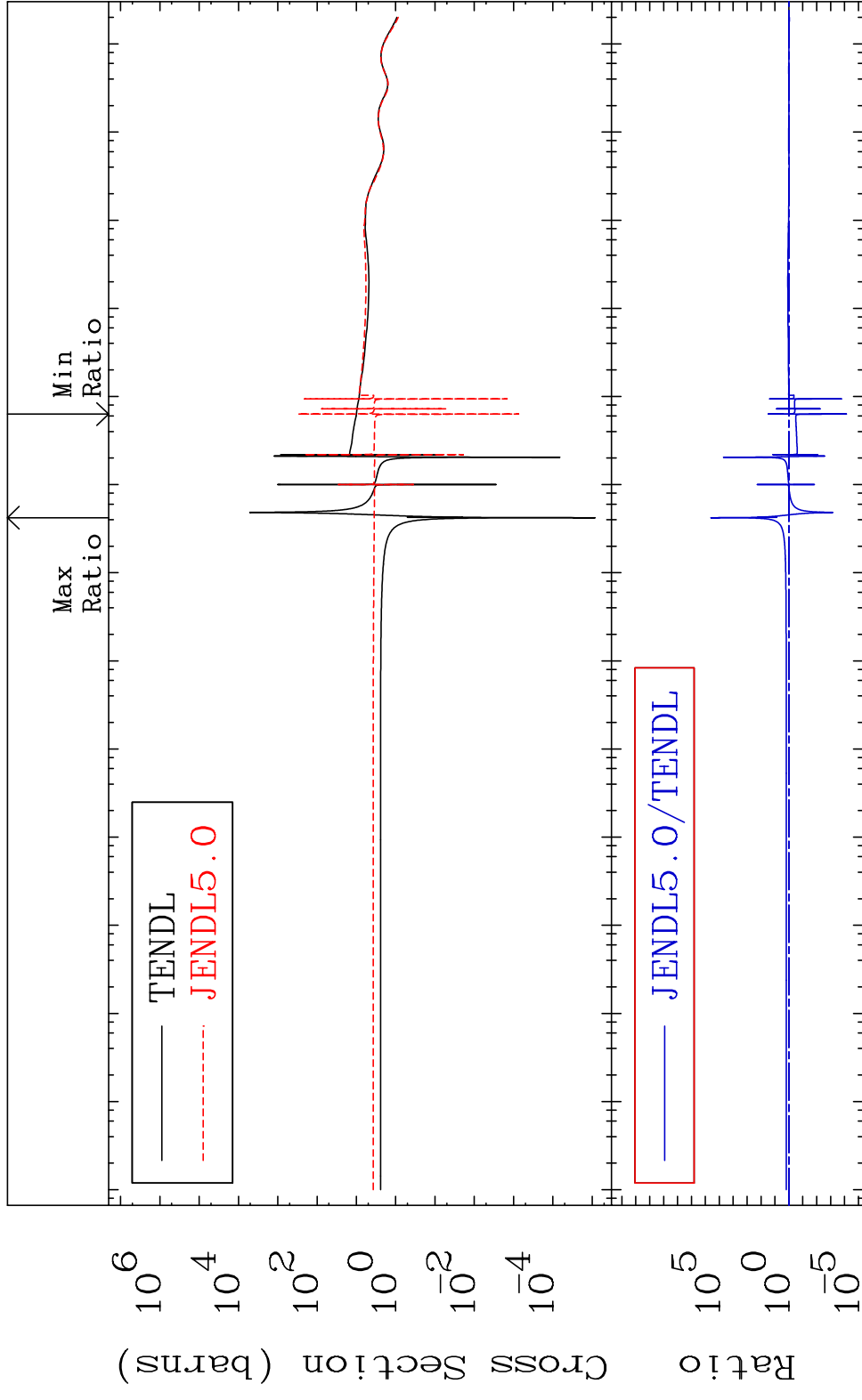
MAT 5455

Elastic

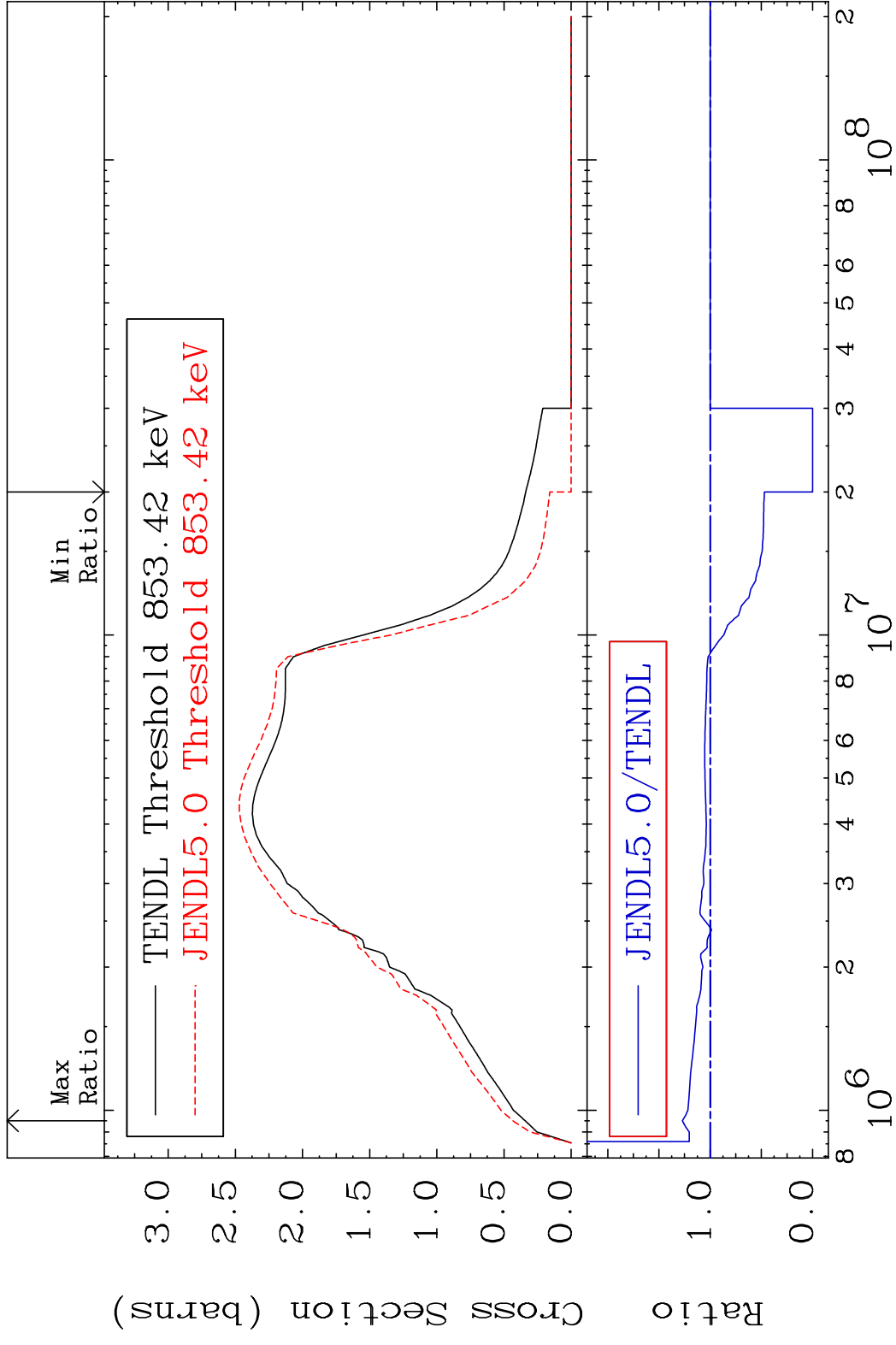
54-Xe-134

Cross Section

-99.99 To 9999. %



MAT 5455 Inelastic 54-Xe-134
 Cross Section -100.0 To 27.14 %



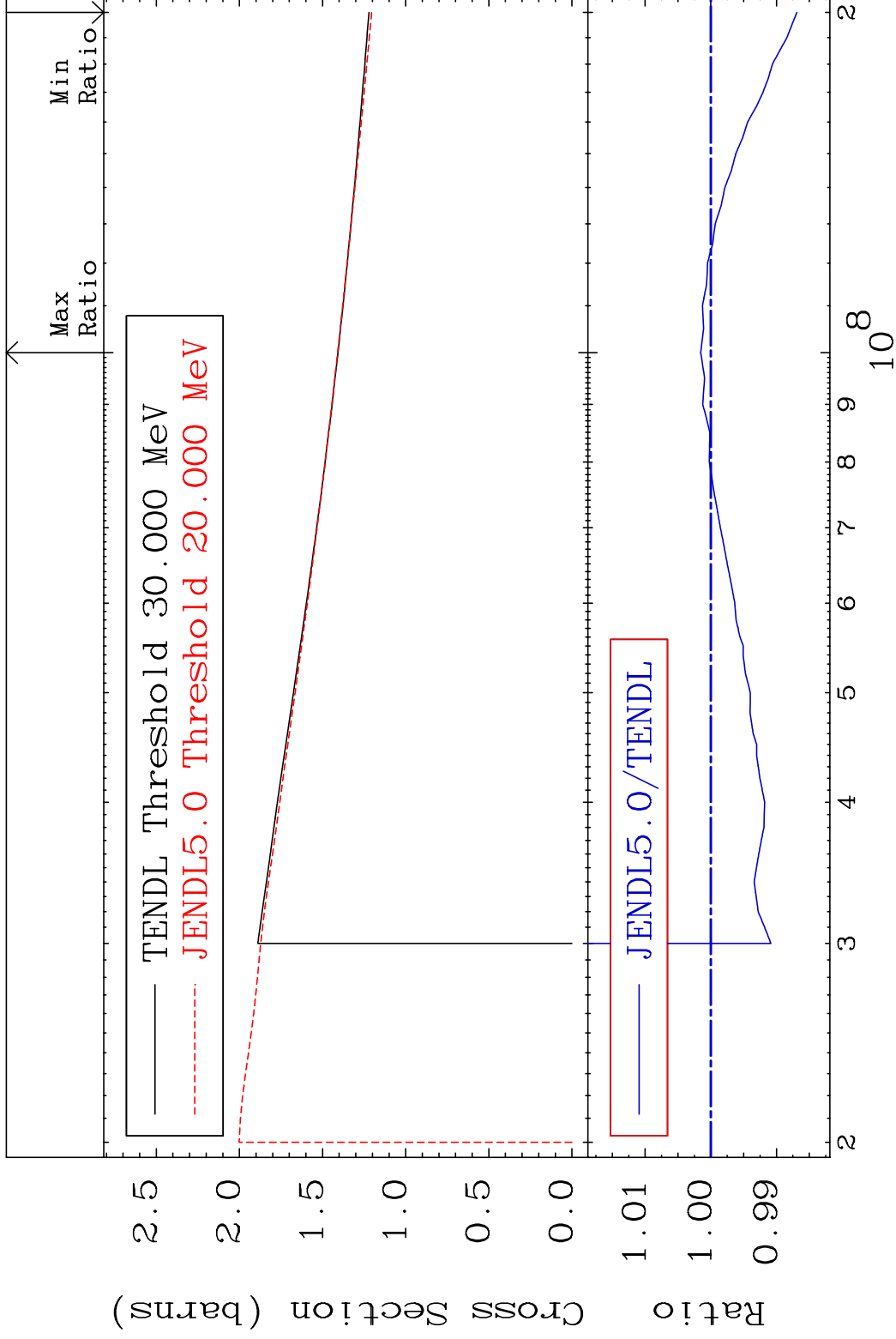
3 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2 54-Xe-134

MAT 5455

(n, remainder)

54-Xe-134

Cross Section -1.310 To 0.155 %



4

Incident Energy (eV)

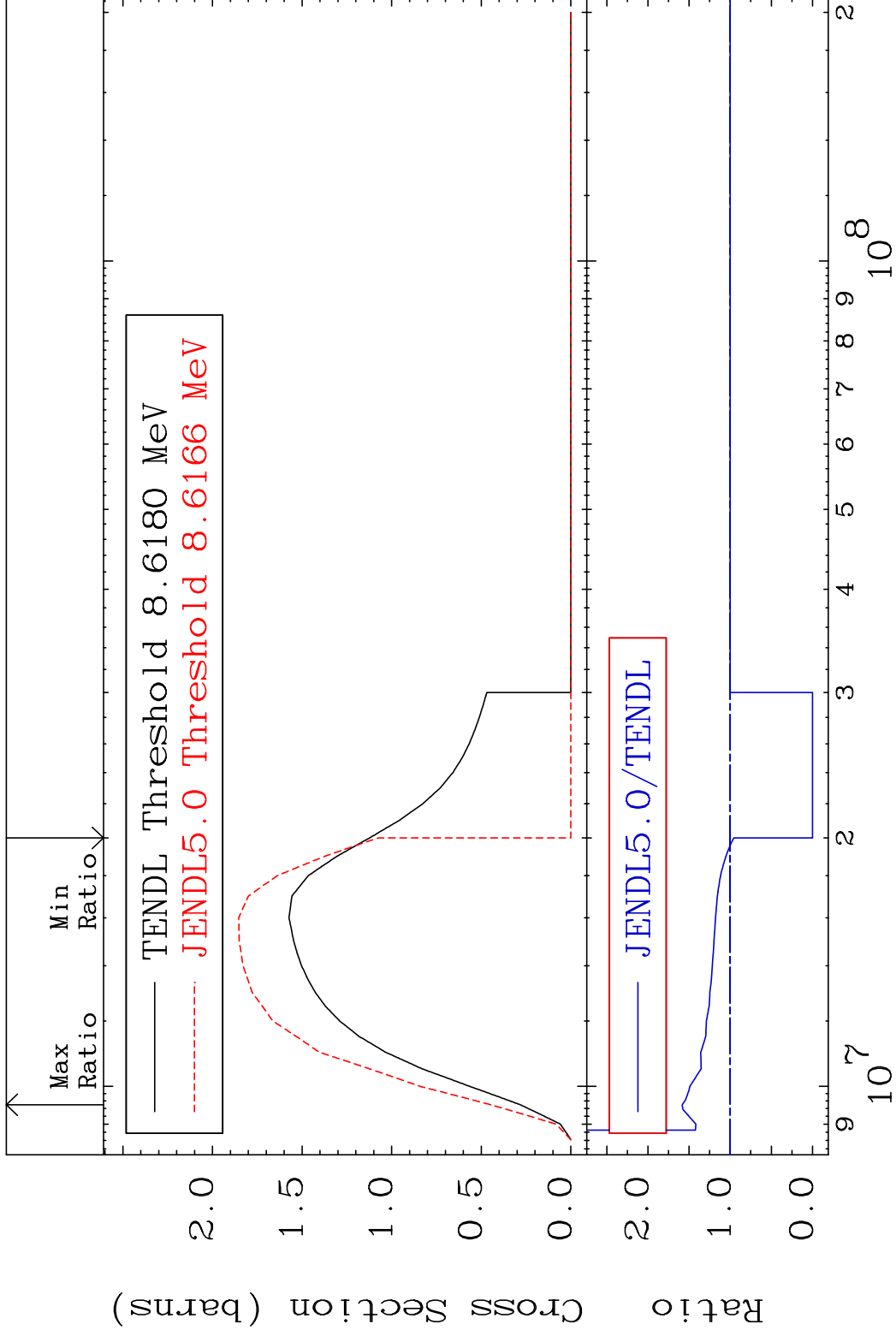
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Cross Section -100.0 To 58.38 %



5

Incident Energy (eV)

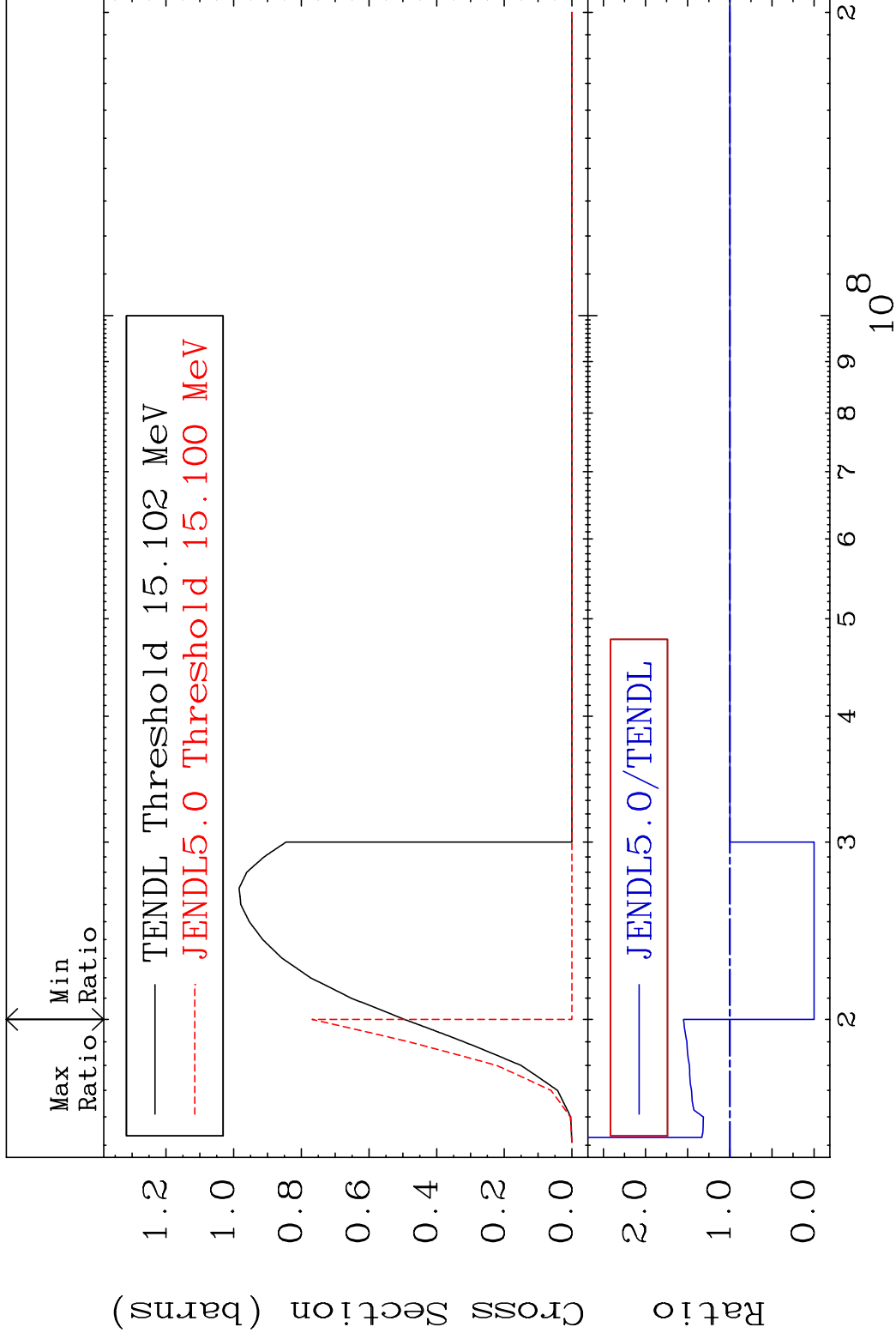
54-Xe-134

MAT 5455

(n,3n)

54-Xe-134

Cross Section -100.0 To 55.06 %

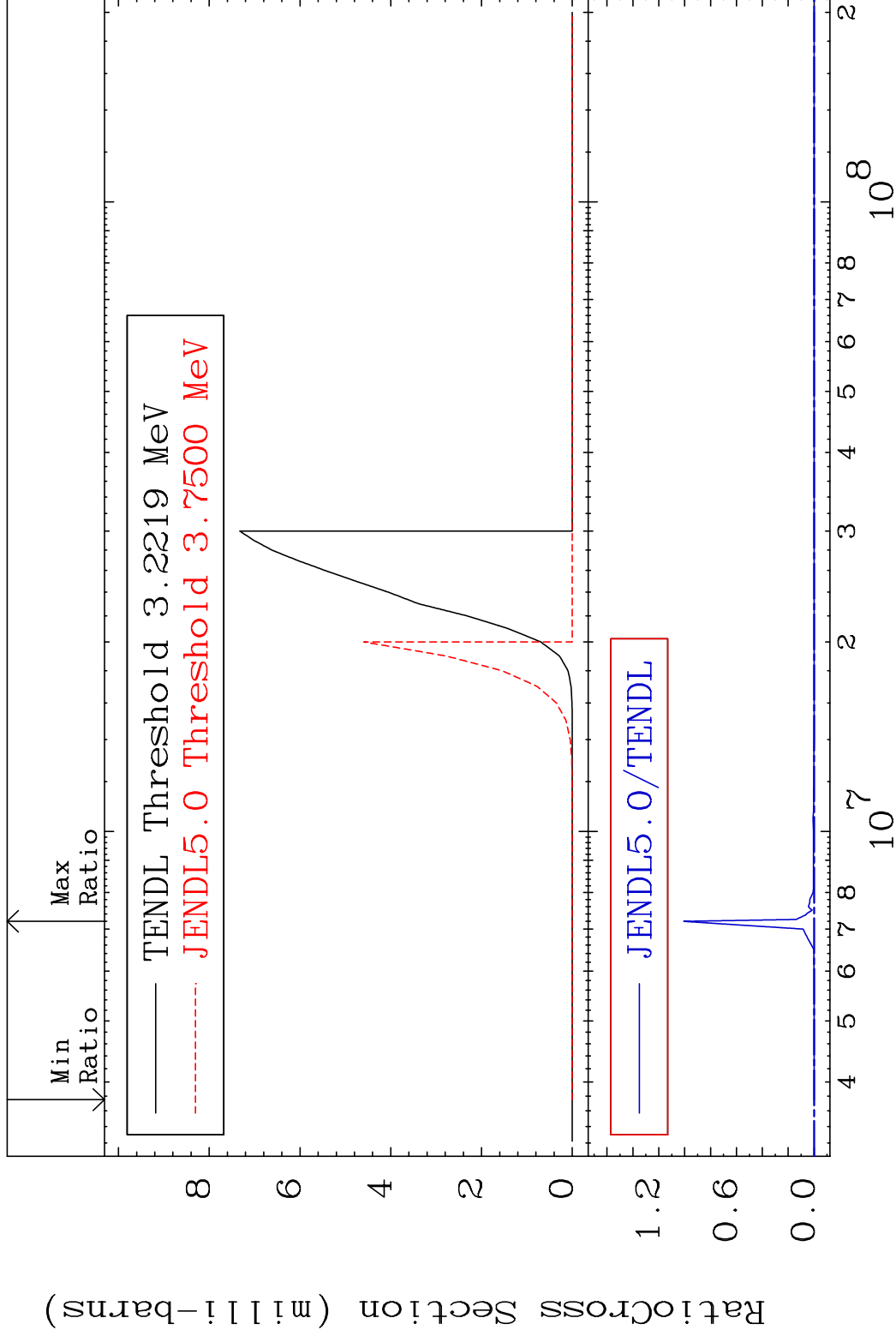


MAT 5455

(n, n') α

54-Xe-134

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

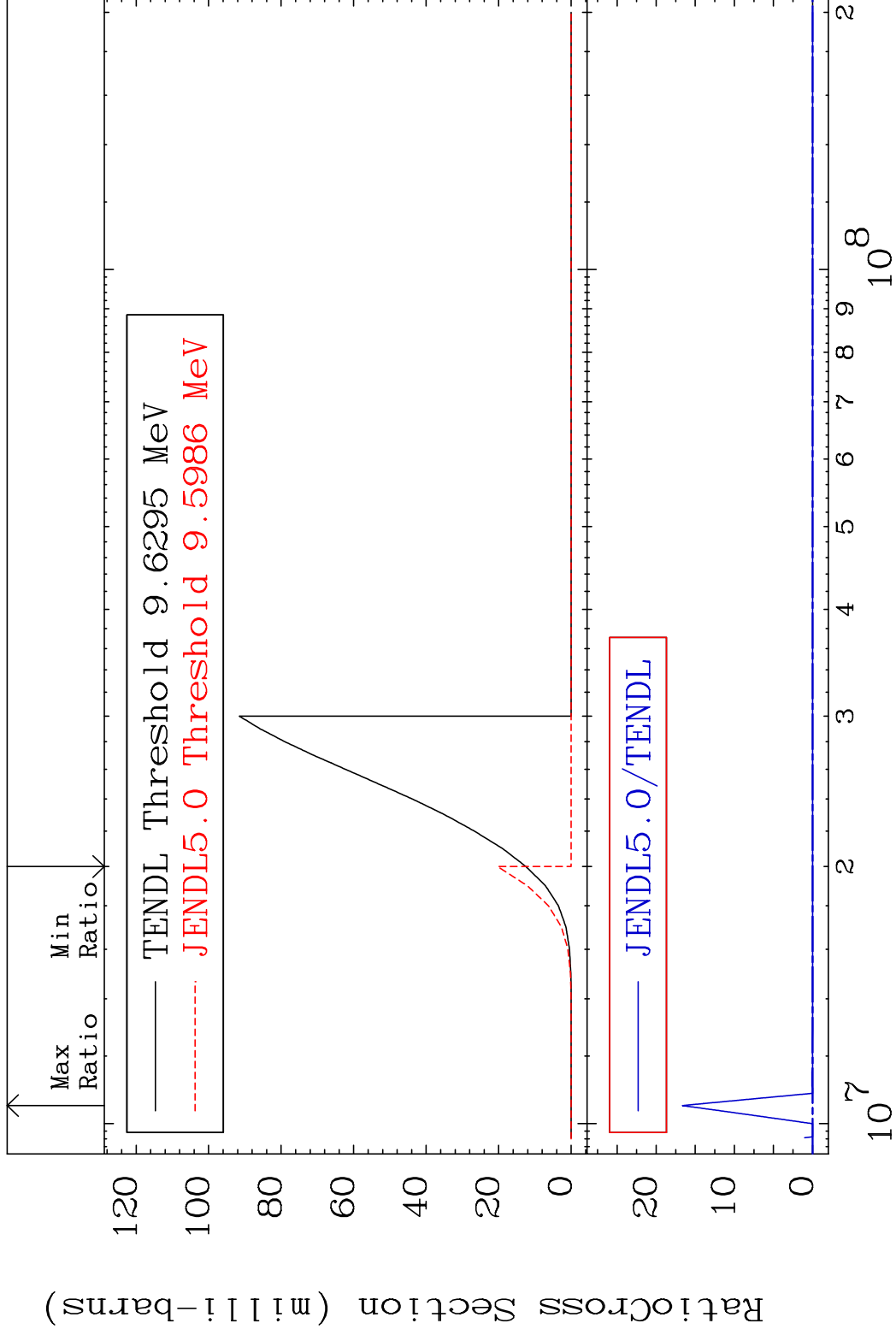
54-Xe-134

MAT 5455

(n, n') p

54-Xe-134

Cross Section -100.0 To 9999. %

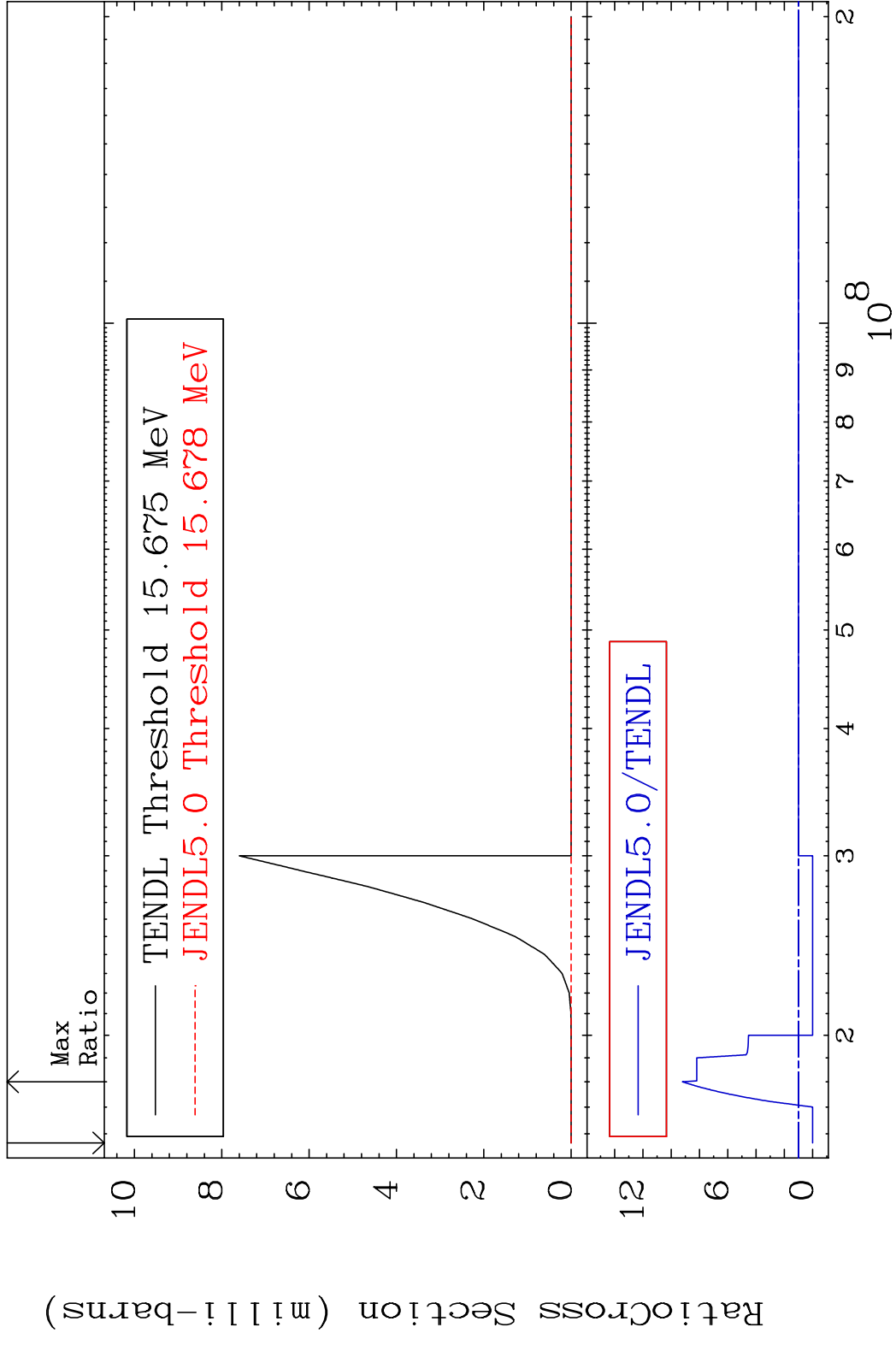


8

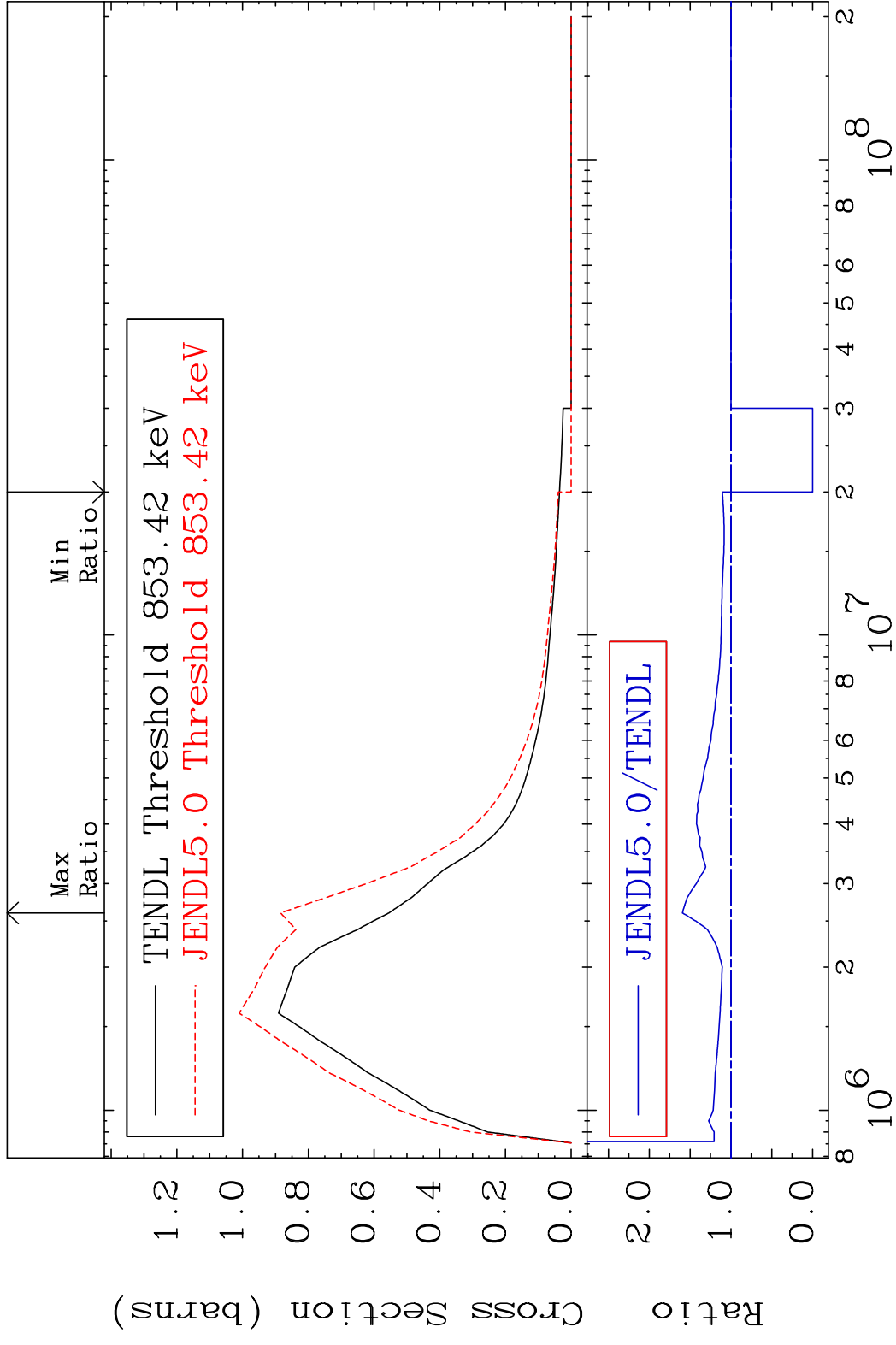
Incident Energy (eV)

54-Xe-134

MAT 5455 (n, n') d 54-Xe-134
 Cross Section -100.0 To 820.8 %

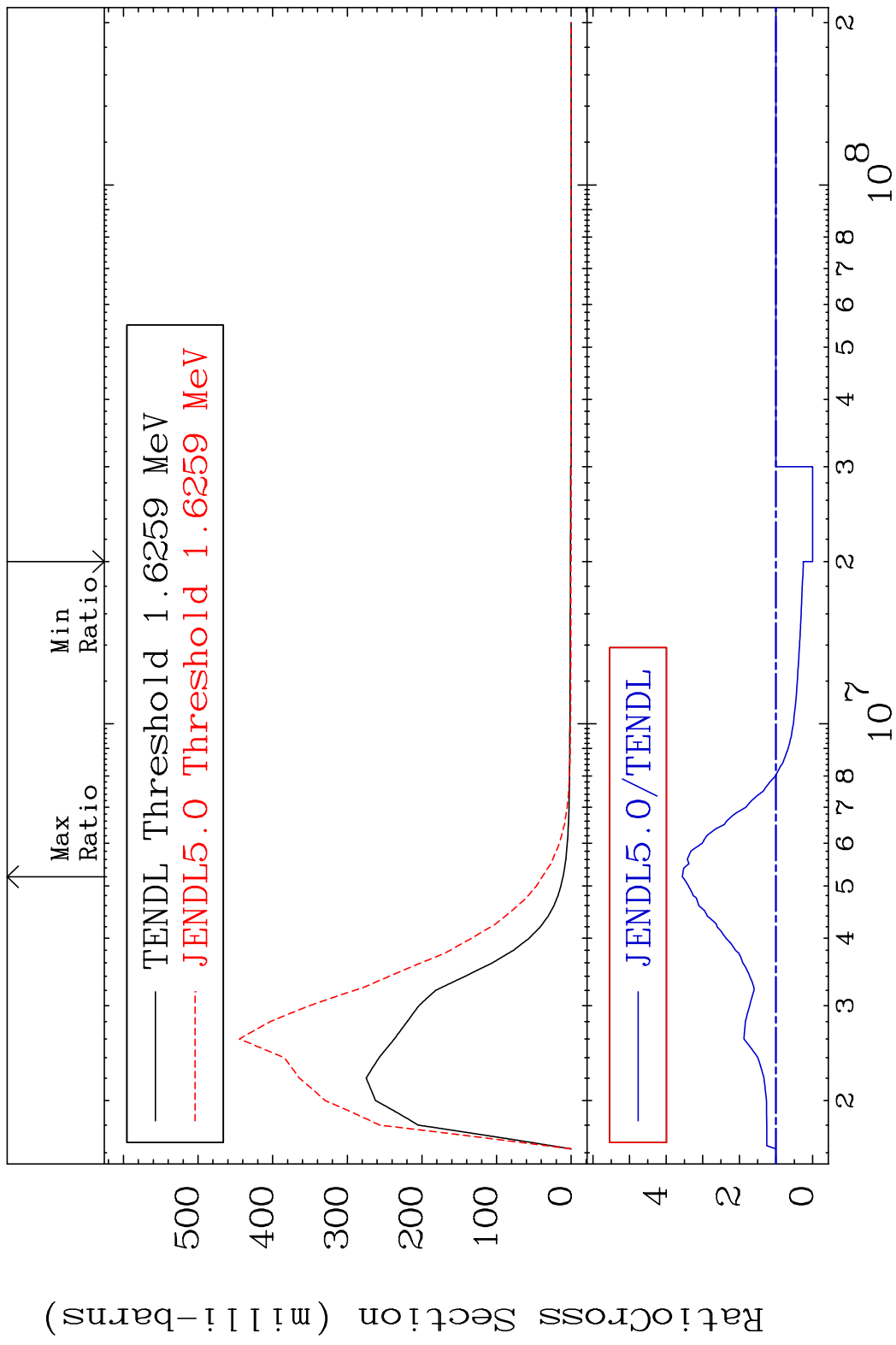


MAT 5455 MT= 51 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 59.43 %

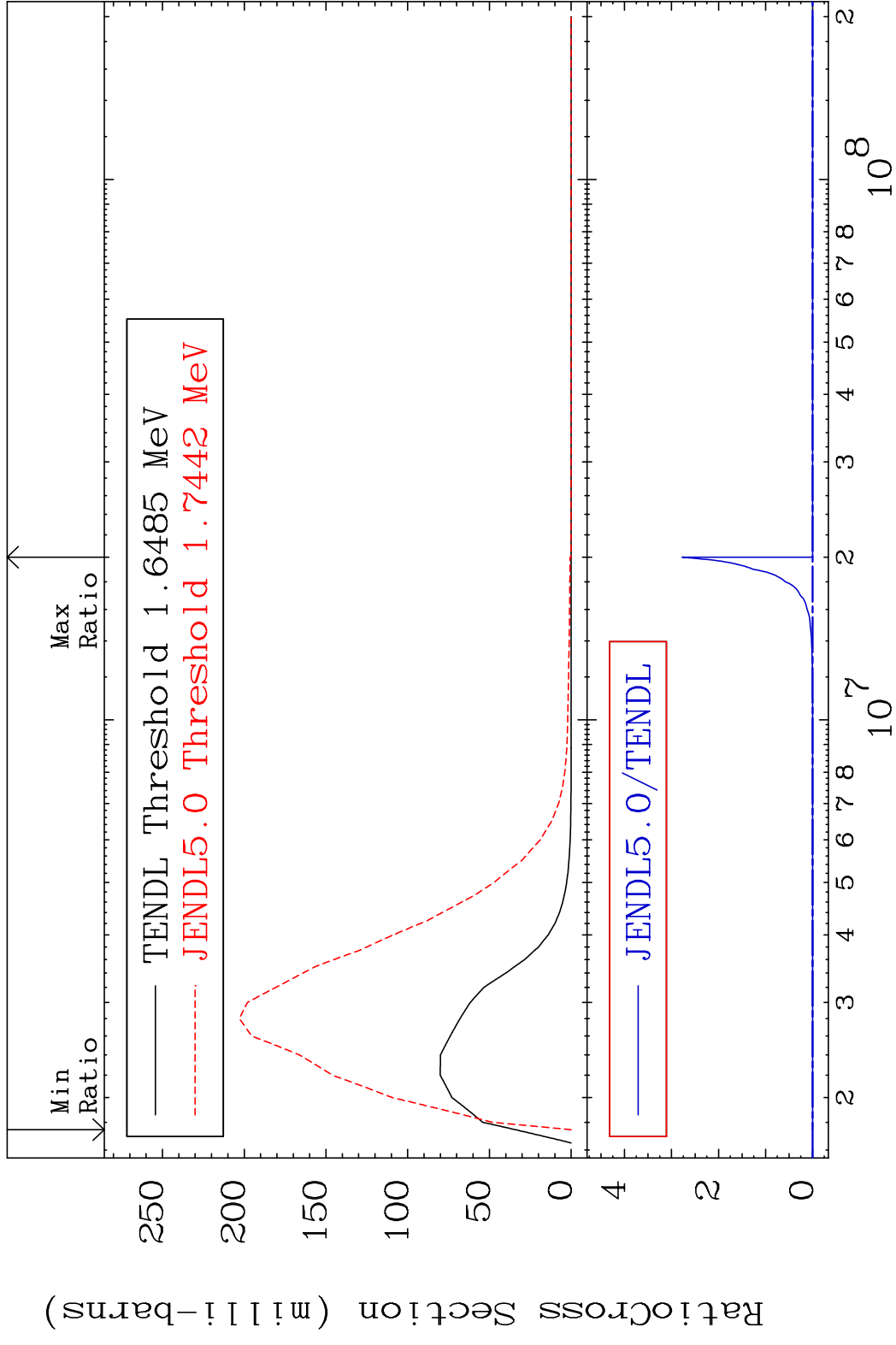


10 Incident Energy (eV) 54-Xe-134

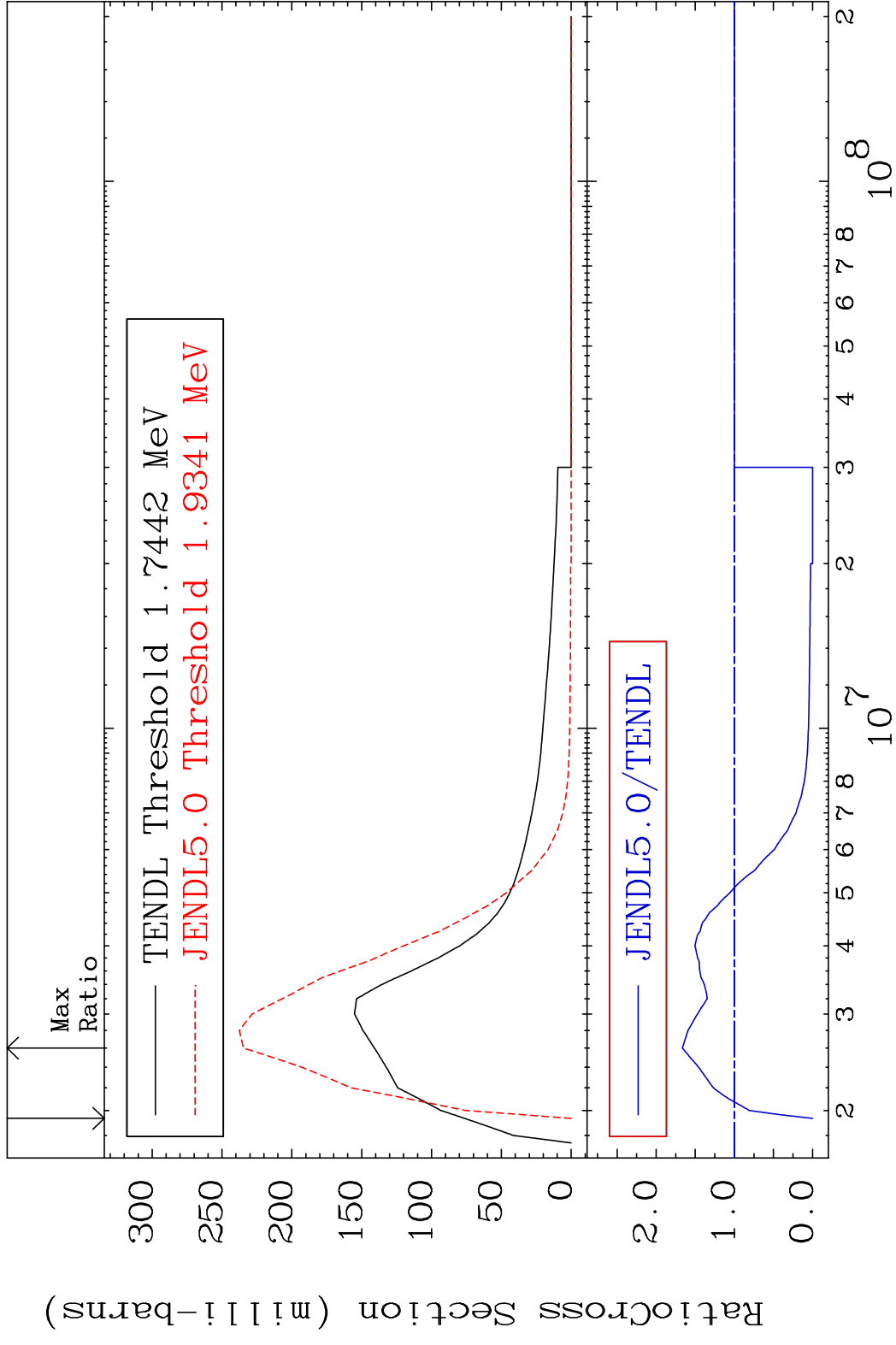
MAT 5455 MT= 52 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 255.7 %



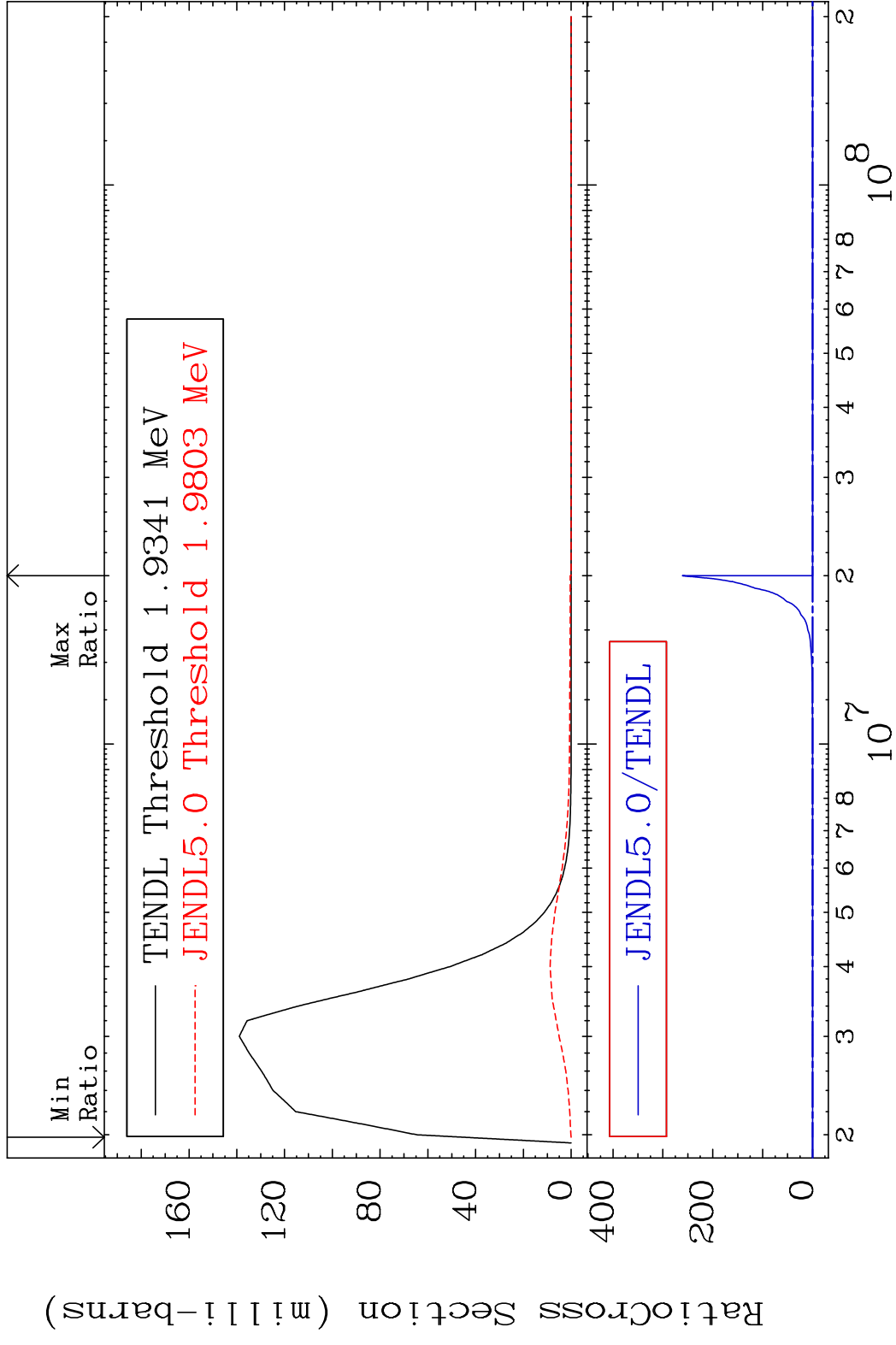
MAT 5455 MT= 53 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



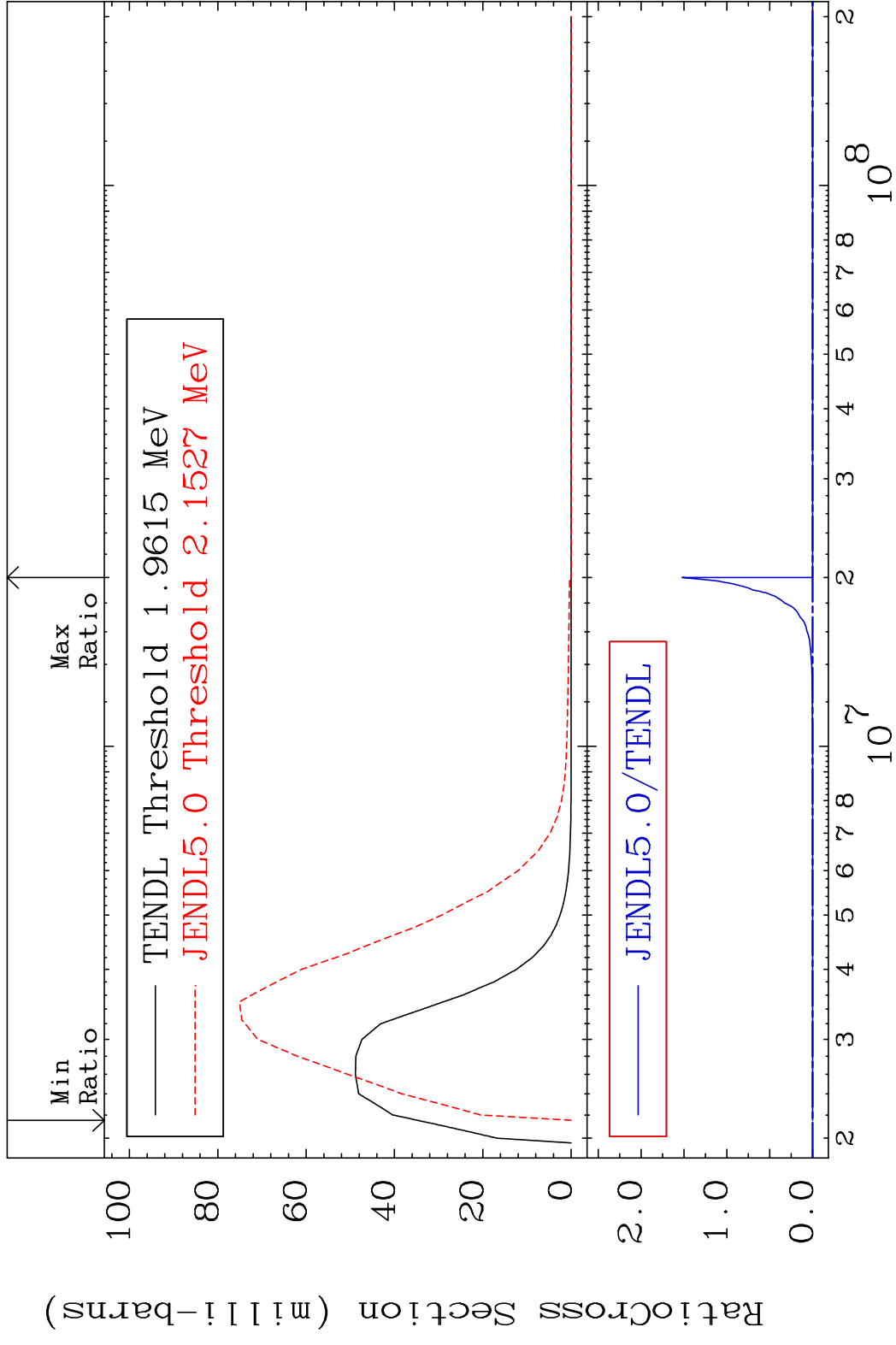
MAT 5455 MT= 54 (n,n') Level 54-Xe-134
 Cross Section -100.0 To 66.51 %



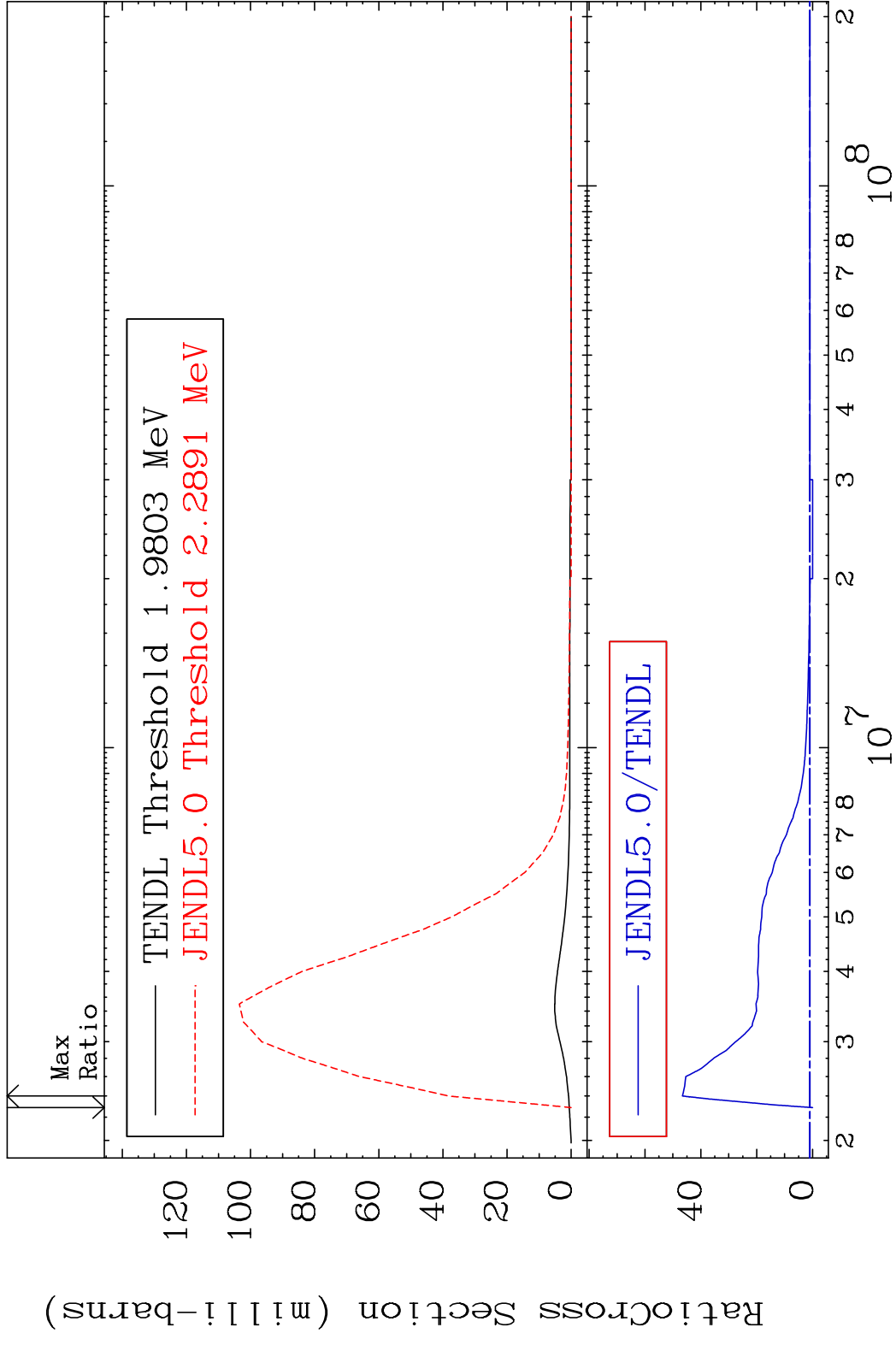
MAT 5455 MT= 55 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



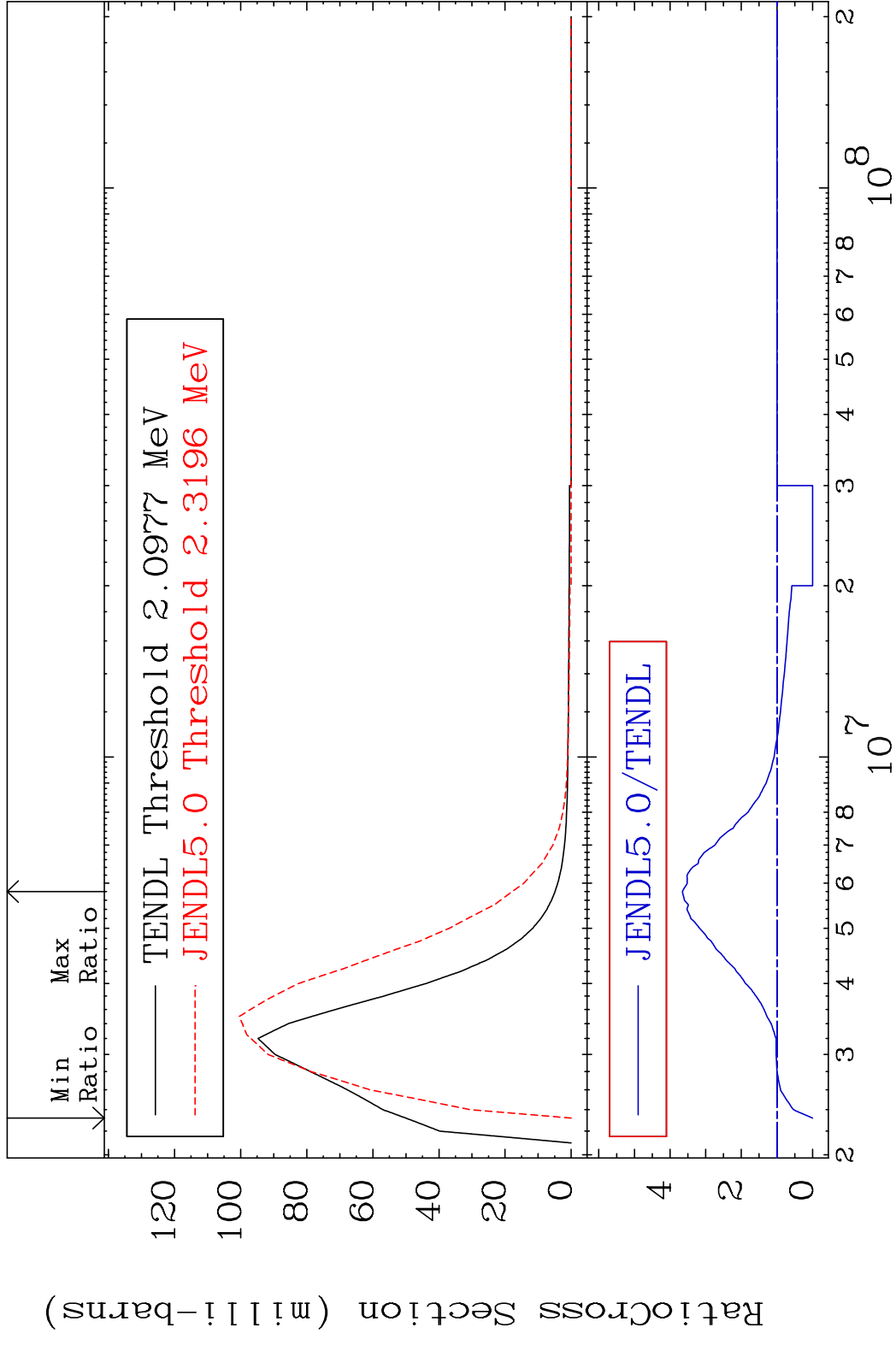
MAT 5455 MT= 56 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



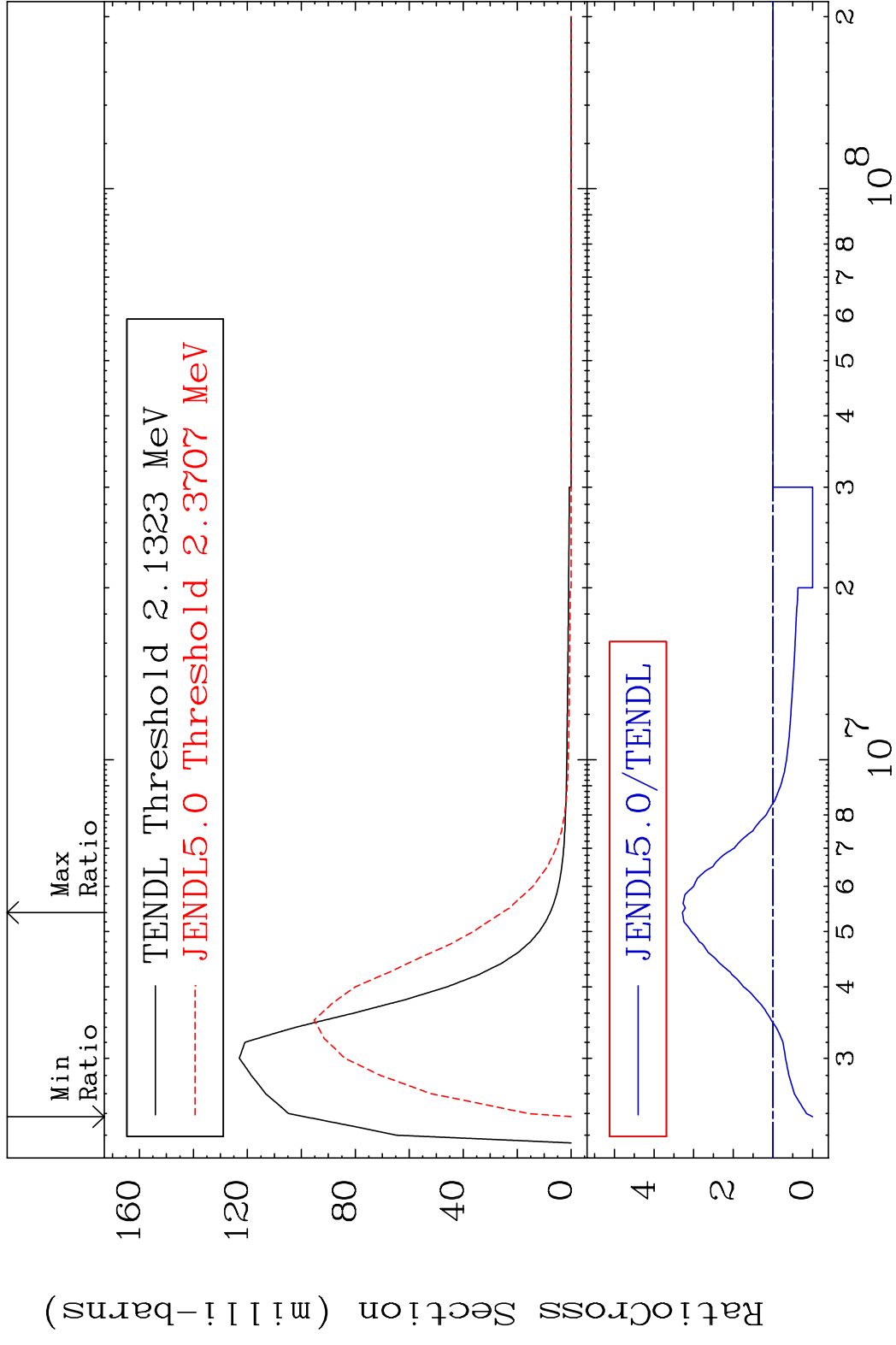
MAT 5455 MT= 57 (n,n') Level 54-Xe-134
 Cross Section -100.0 To 4562. %



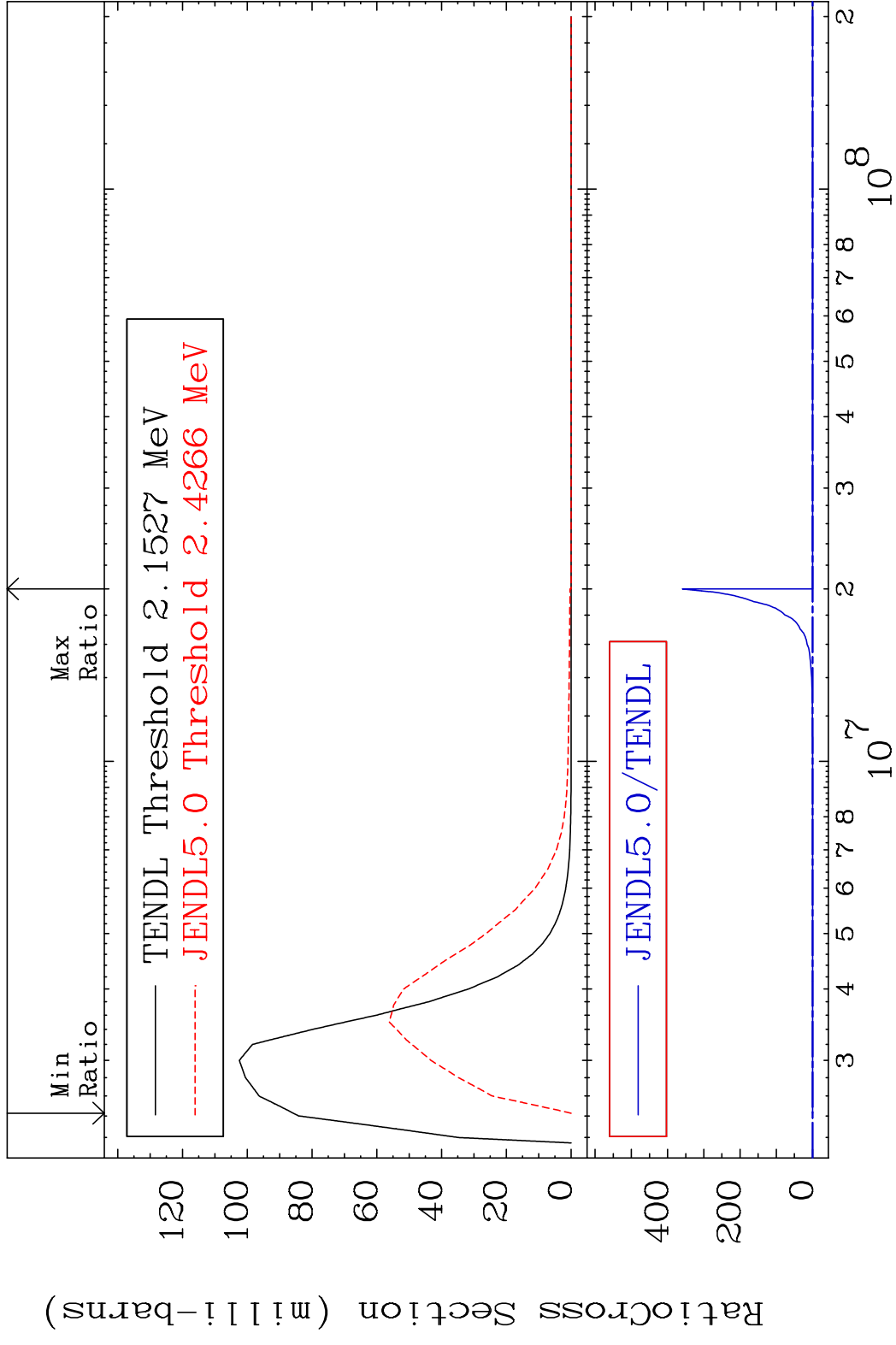
MAT 5455 MT= 58 (n,n') Level 54-Xe-134
 Cross Section -100.0 To 265.4 %



MAT 5455 MT= 59 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 228.5 %



MAT 5455 MT= 60 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

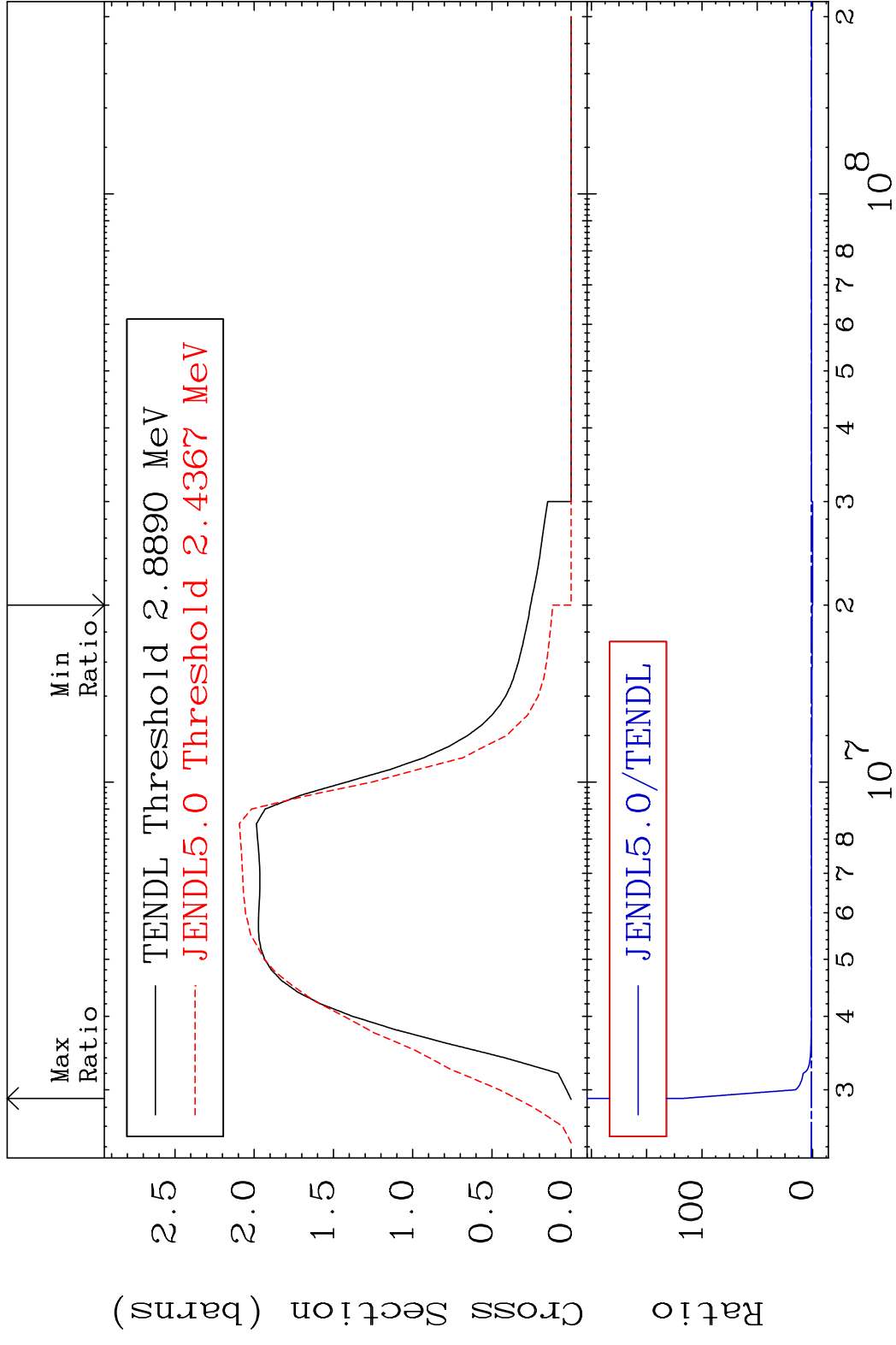


MAT 5455

(n, n') Continuum

54-Xe-134

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

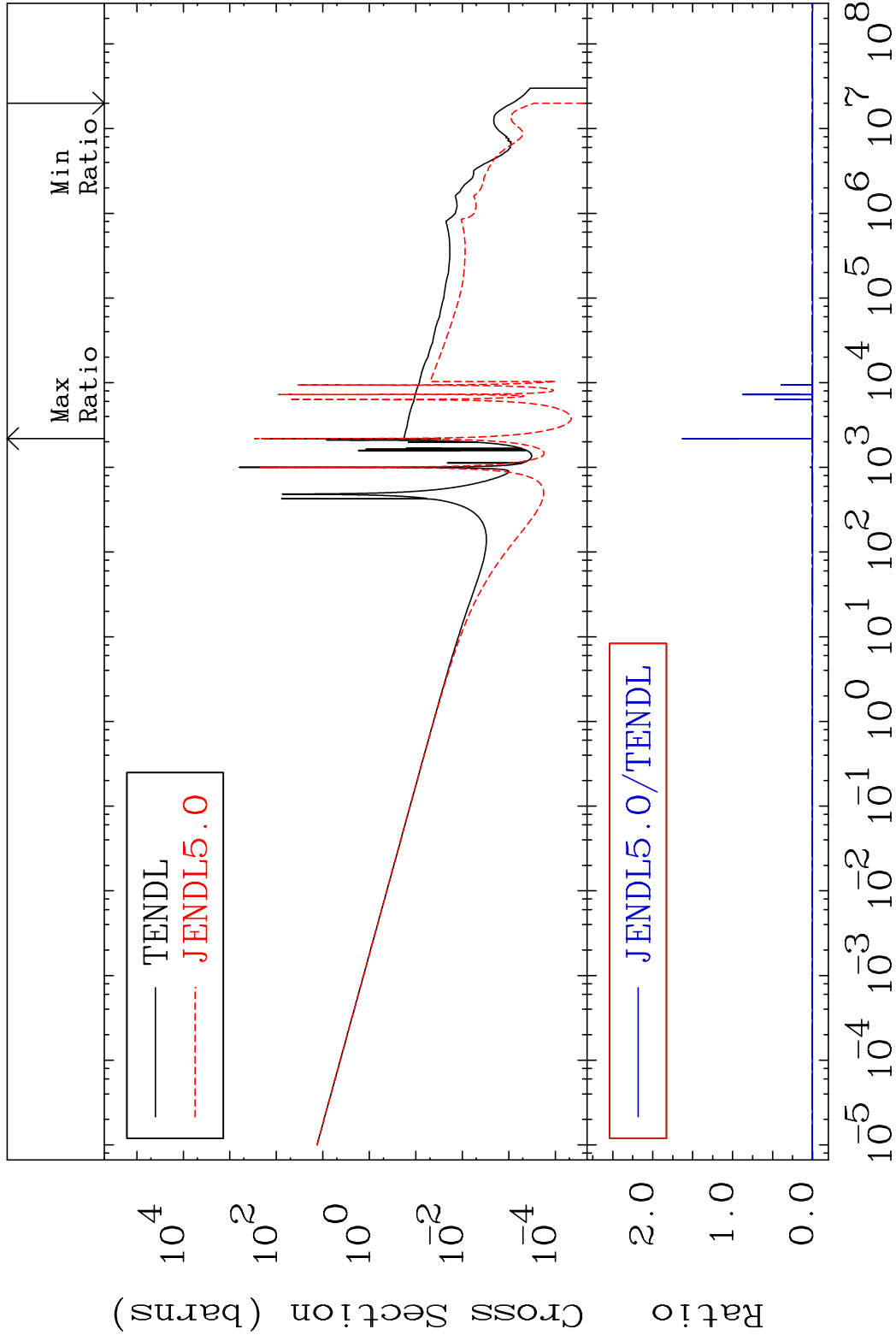
54-Xe-134

MAT 5455

(n, γ)

54-Xe-134

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

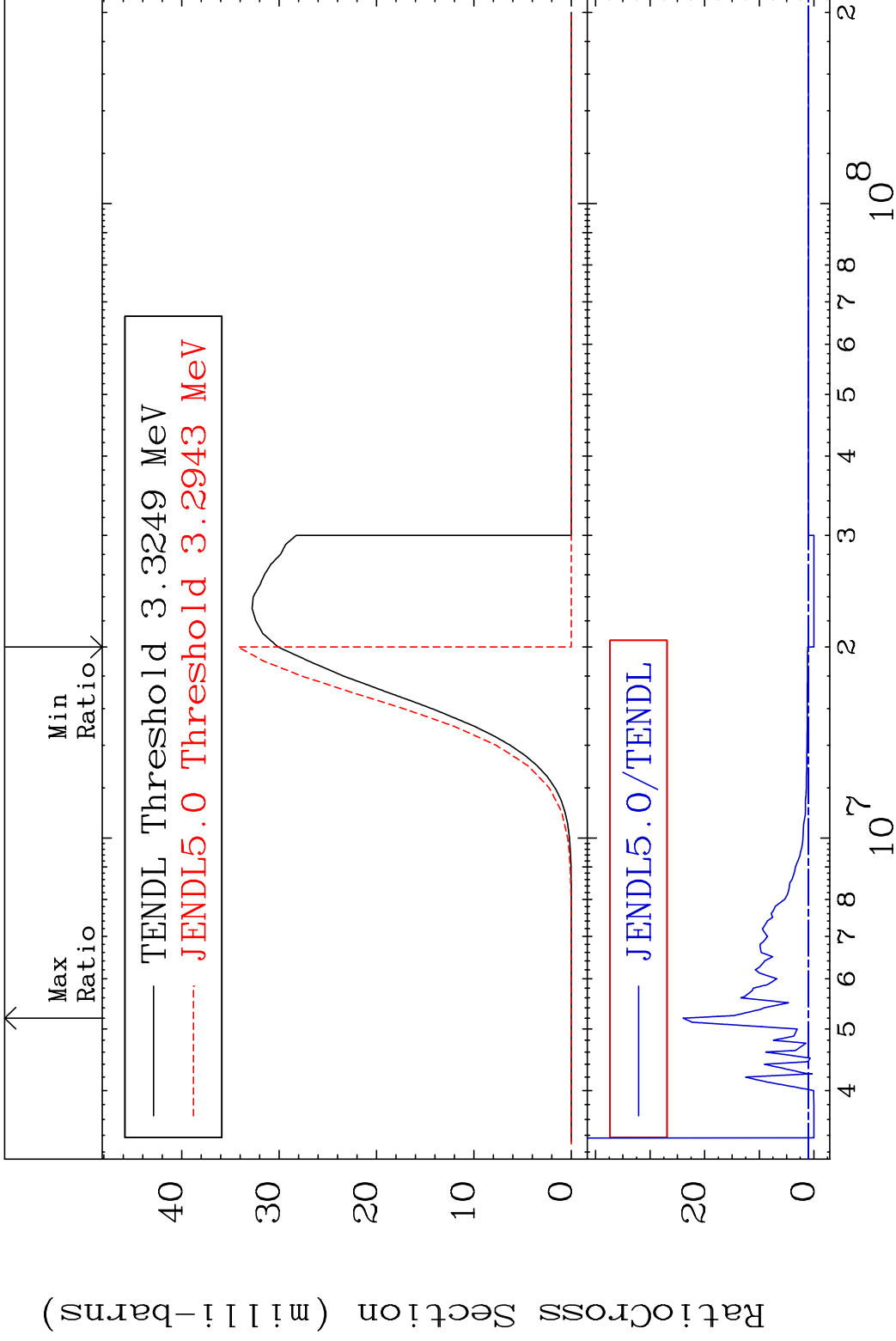
54-Xe-134

MAT 5455

(n,p)

54-Xe-134

Cross Section -100.0 To 2297. %

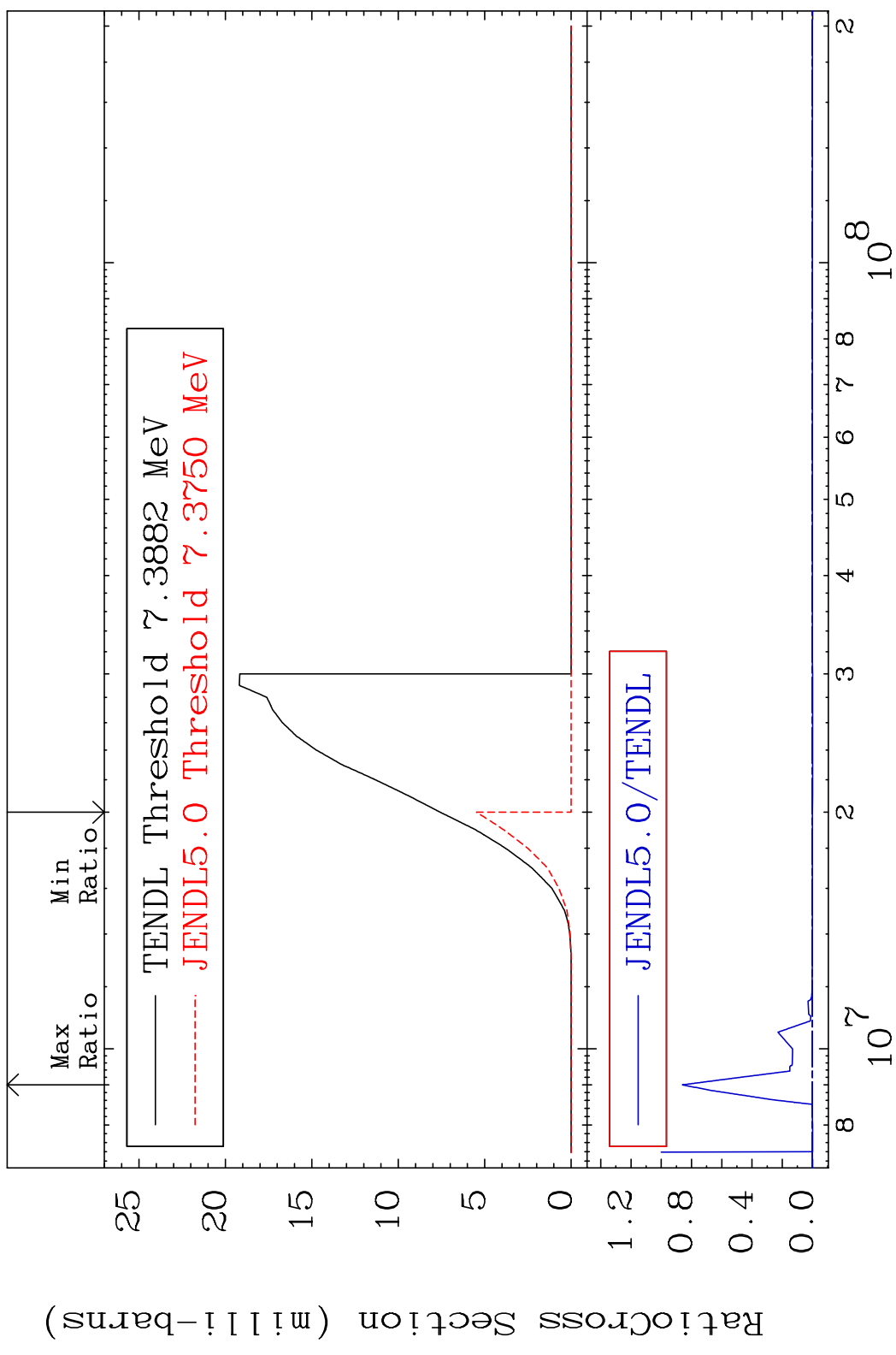


MAT 5455

(n,d)

54-Xe-134

Cross Section -100.0 To 9999. %

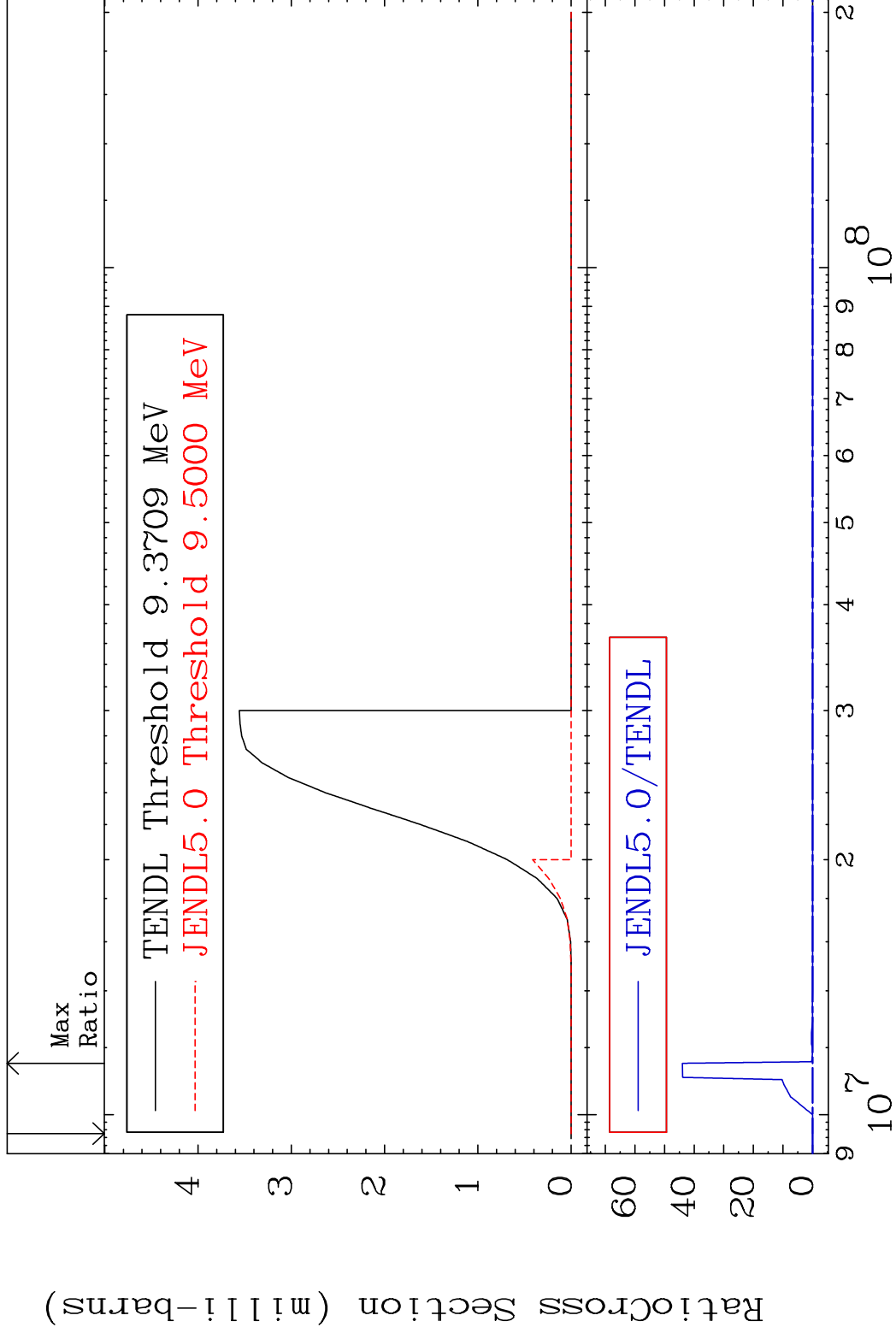


MAT 5455

(n, t)

54-Xe-134

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

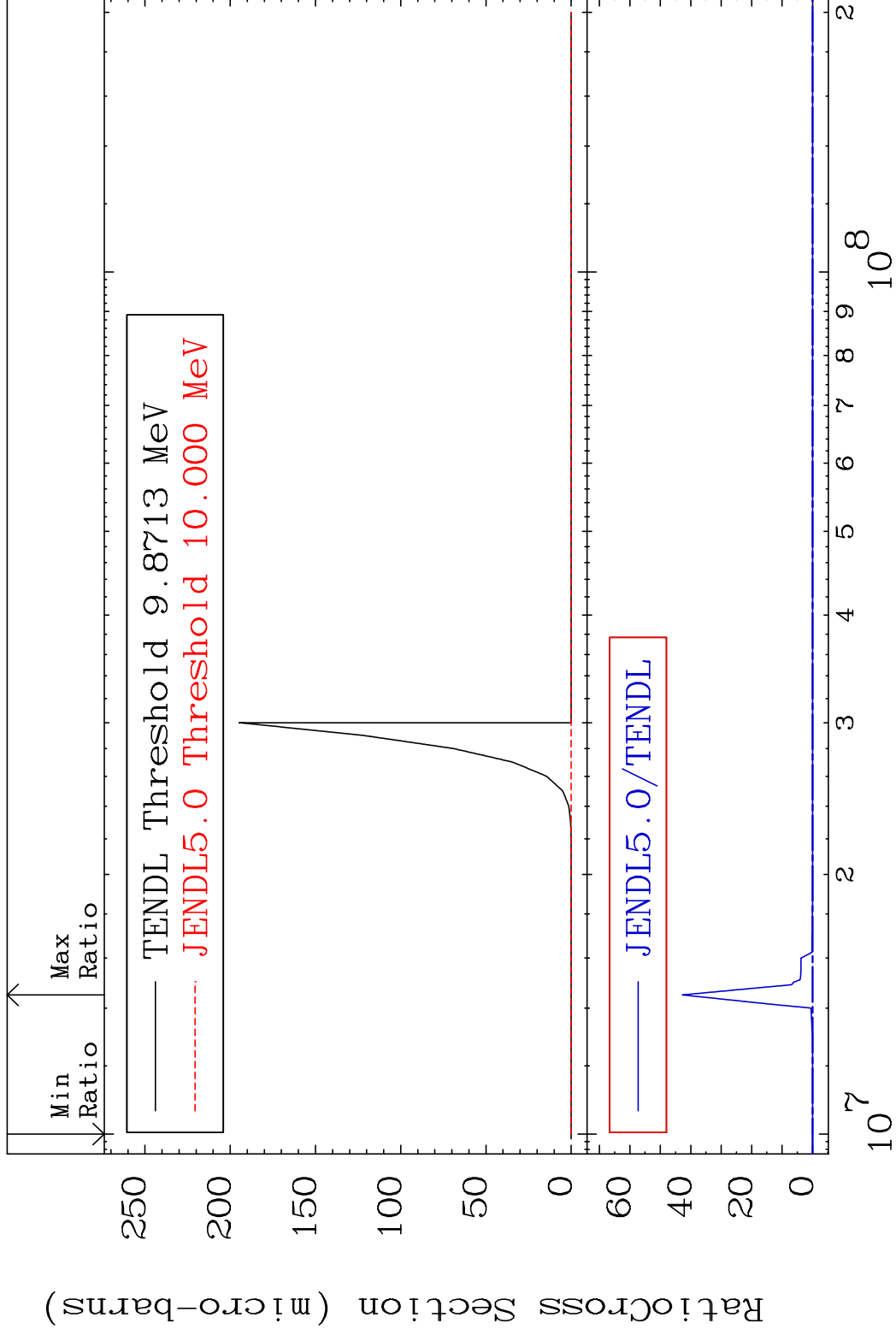
54-Xe-134

MAT 5455

(n, He-3)

54-Xe-134

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

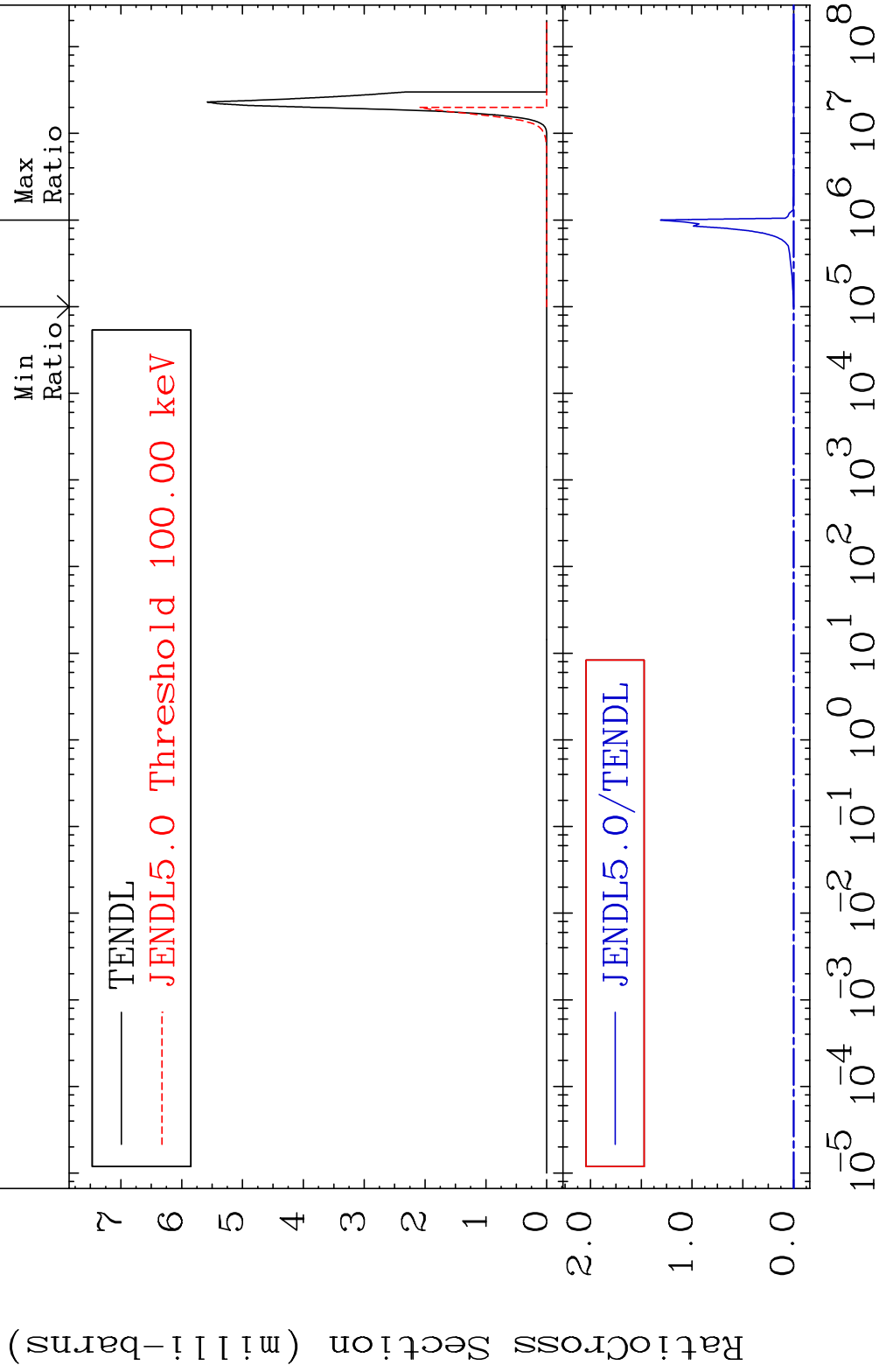
54-Xe-134

MAT 5455

(n, α)

54-Xe-134

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

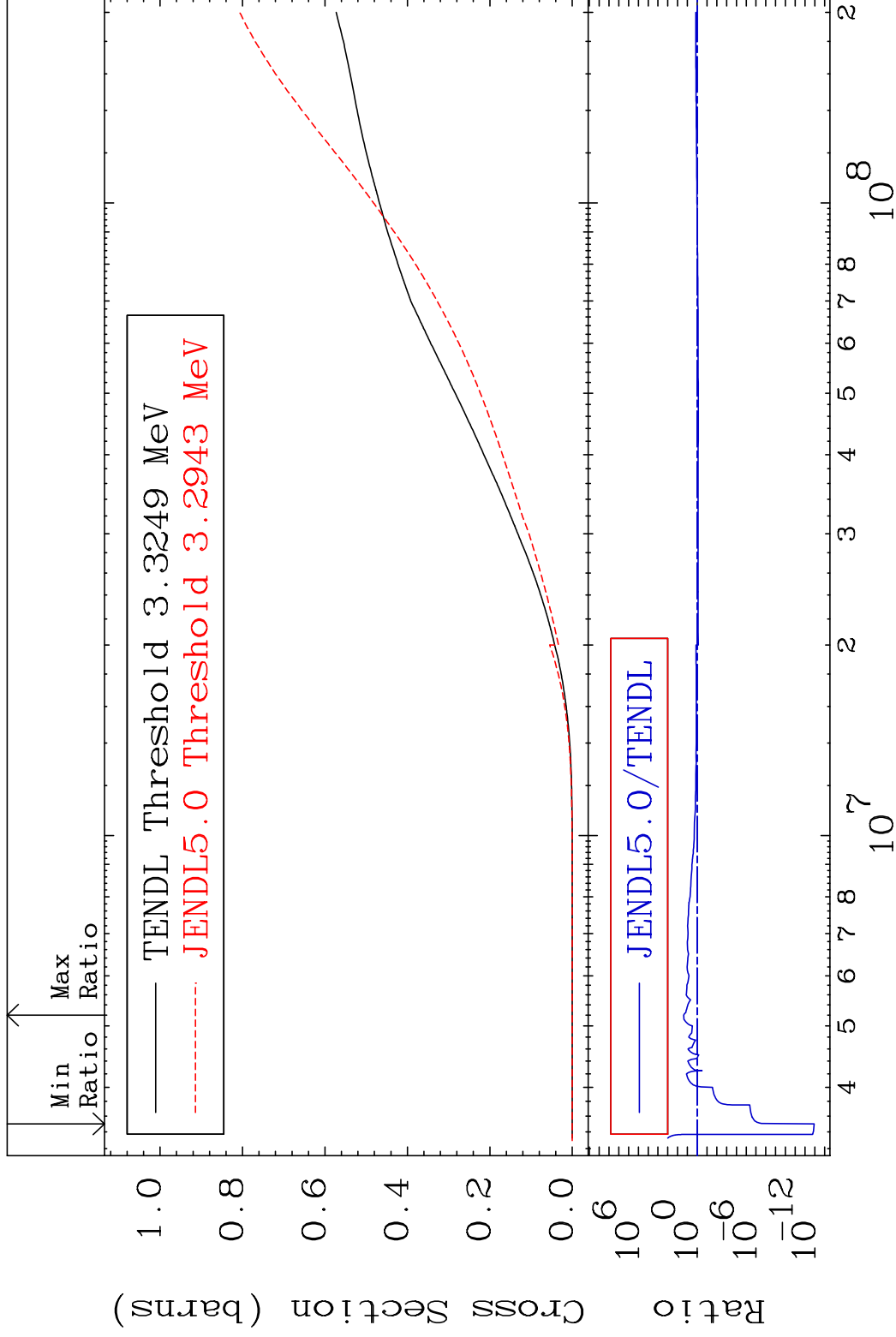
54-Xe-134

MAT 5455

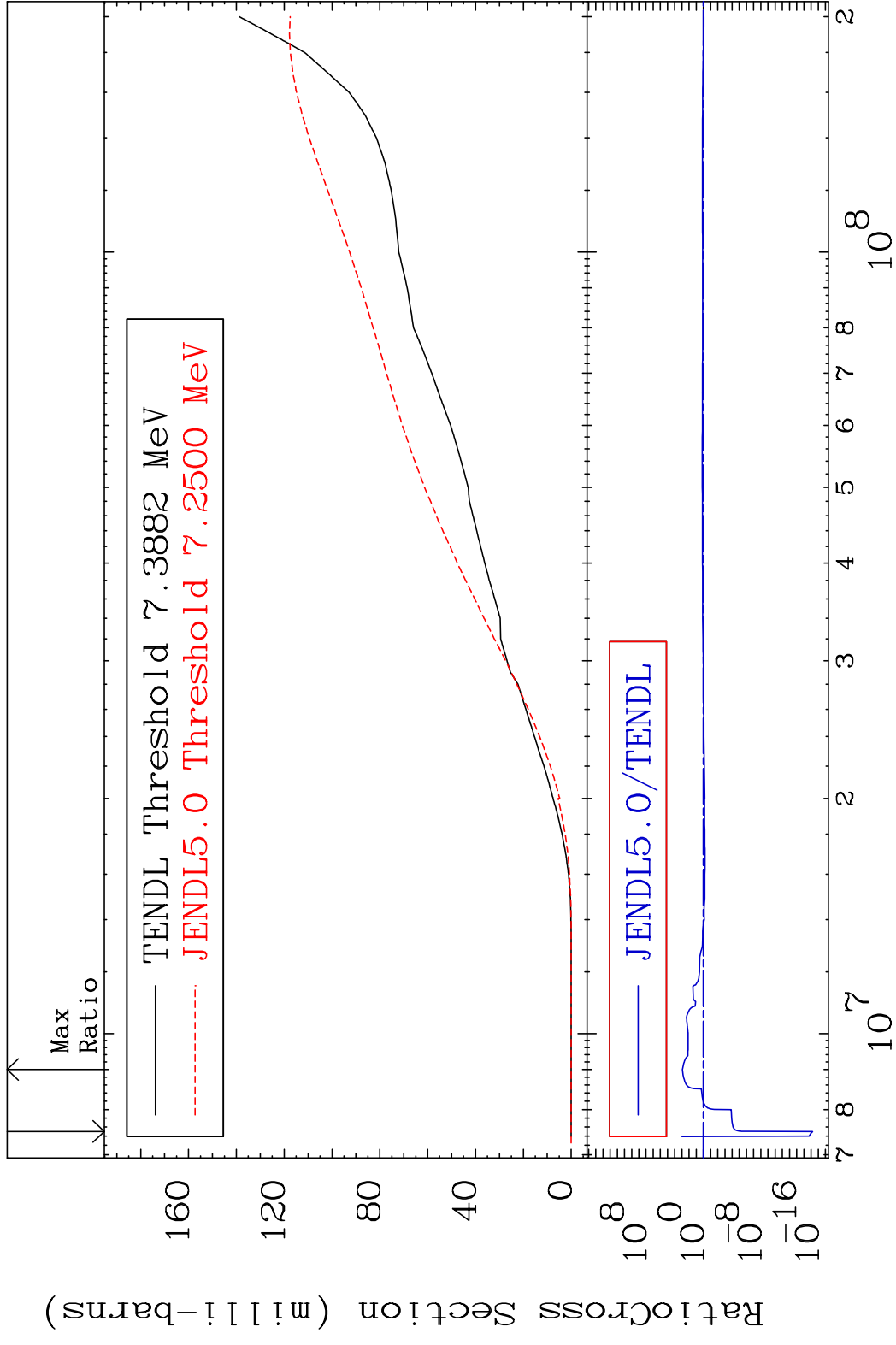
Hydrogen Production

54-Xe-134

Cross Section -100.0 To 2297. %



MAT 5455 Deuterium Production 54-Xe-134
 Cross Section -100.0 To 9999. %

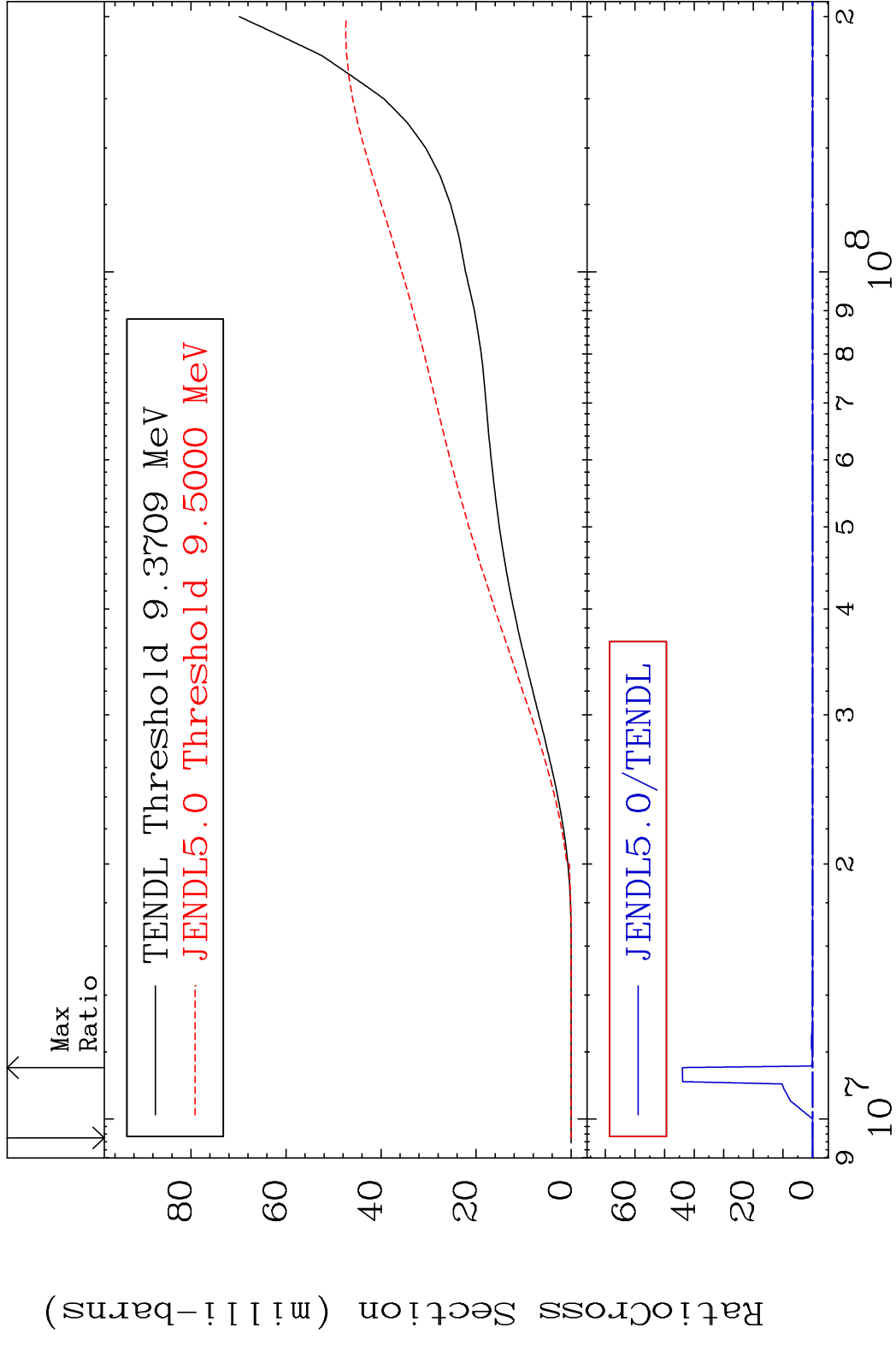


28 Incident Energy (eV) 54-Xe-134

MAT 5455

Tritium Production 54-Xe-134

Cross Section -100.0 To 9999. %



29

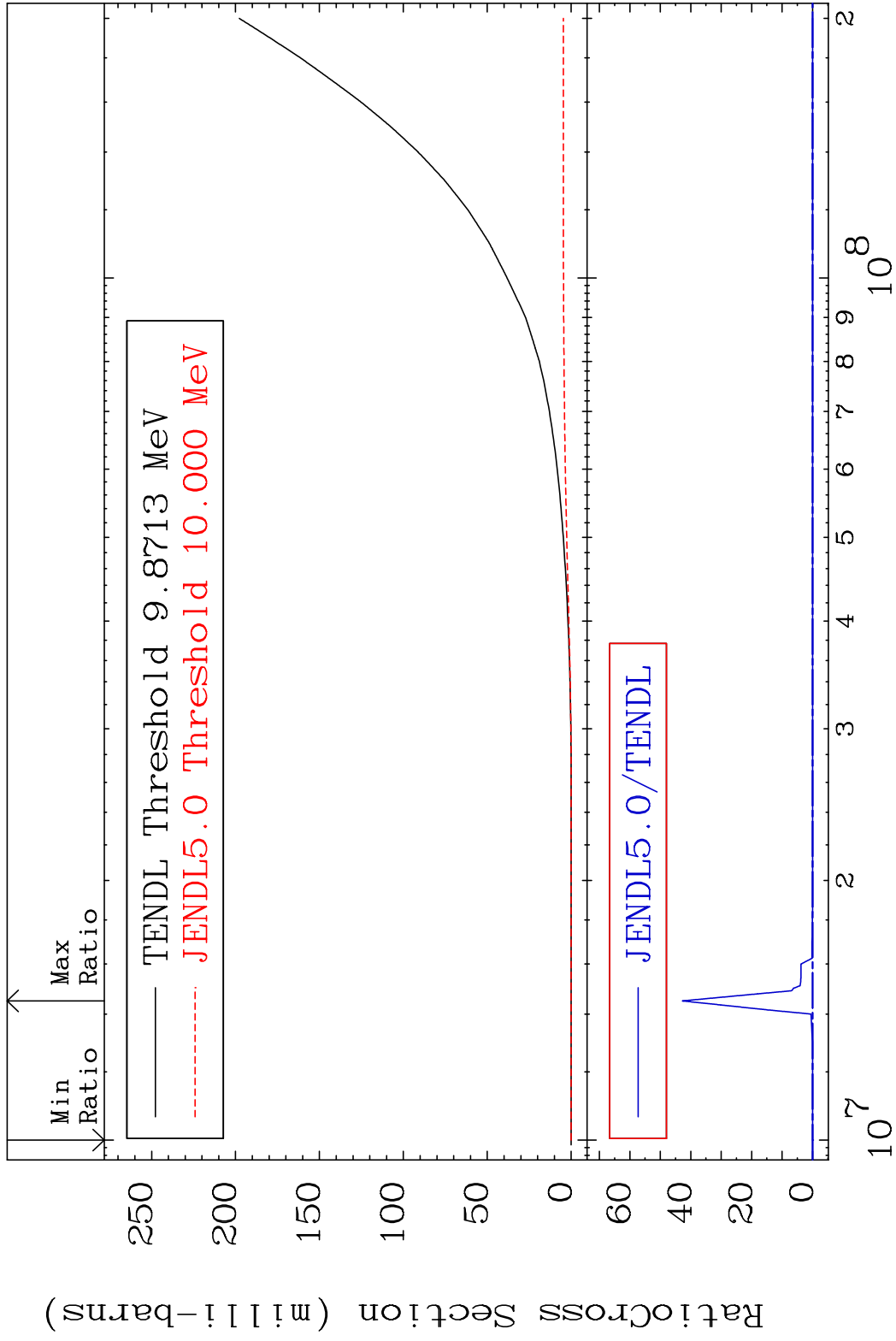
Incident Energy (eV) 54-Xe-134

MAT 5455

He-3 Production

54-Xe-134

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

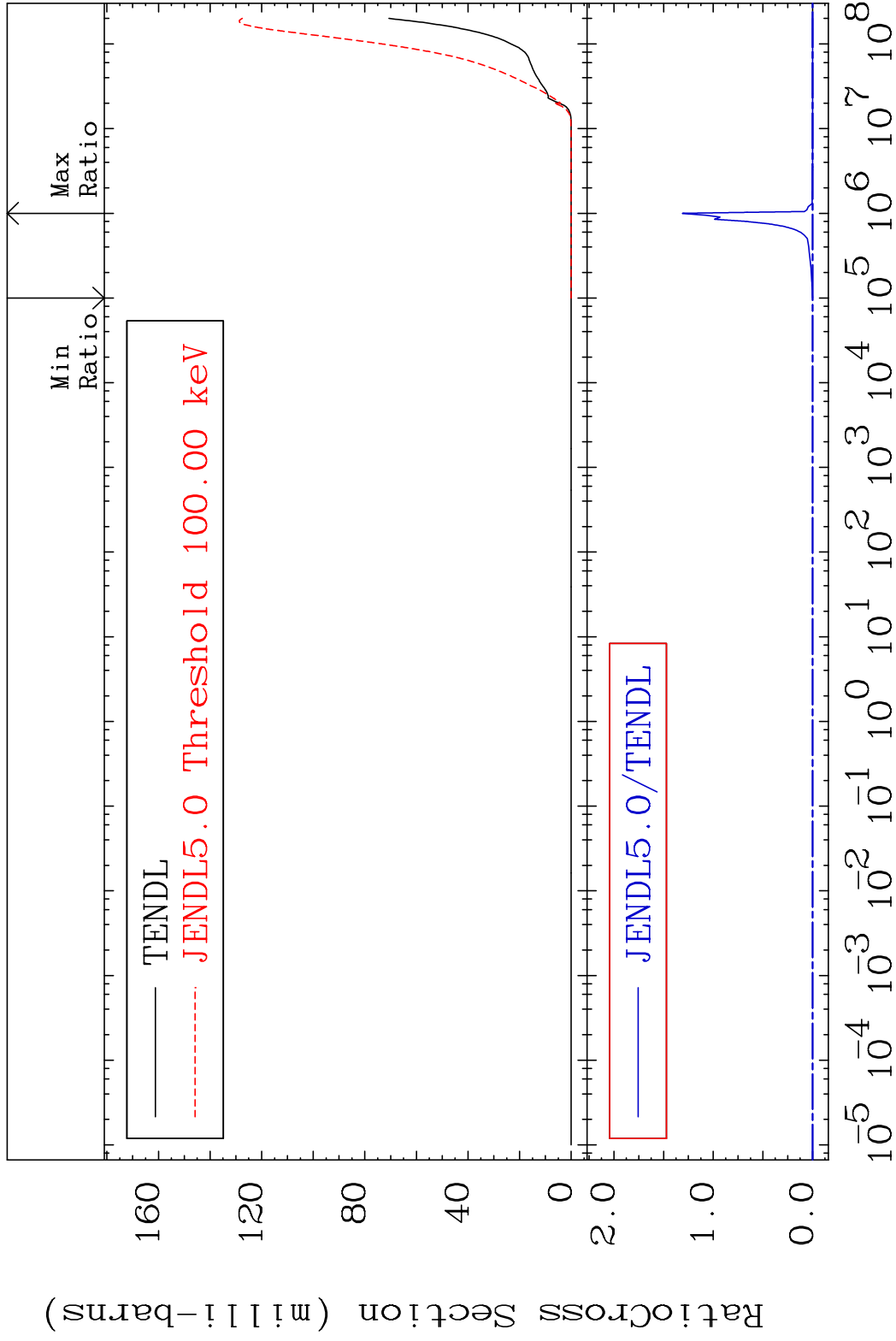
54-Xe-134

MAT 5455

He-4 Production

54-Xe-134

Cross Section -100.0 To 9999. %

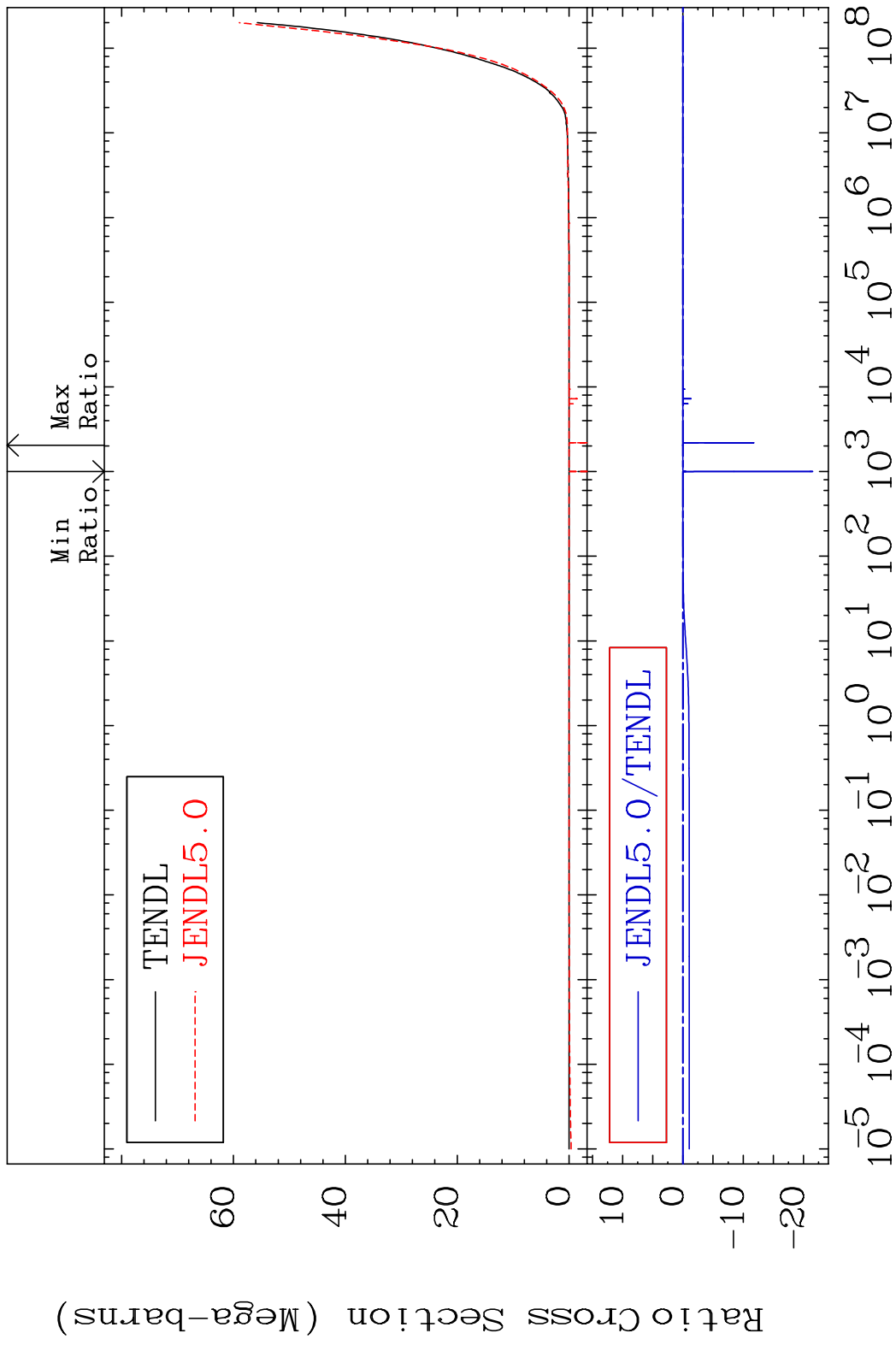


31

Incident Energy (eV)

54-Xe-134

MAT 5455 Kerma total (eV-barns) 54-Xe-134
 Cross Section -9999. To 9496. %



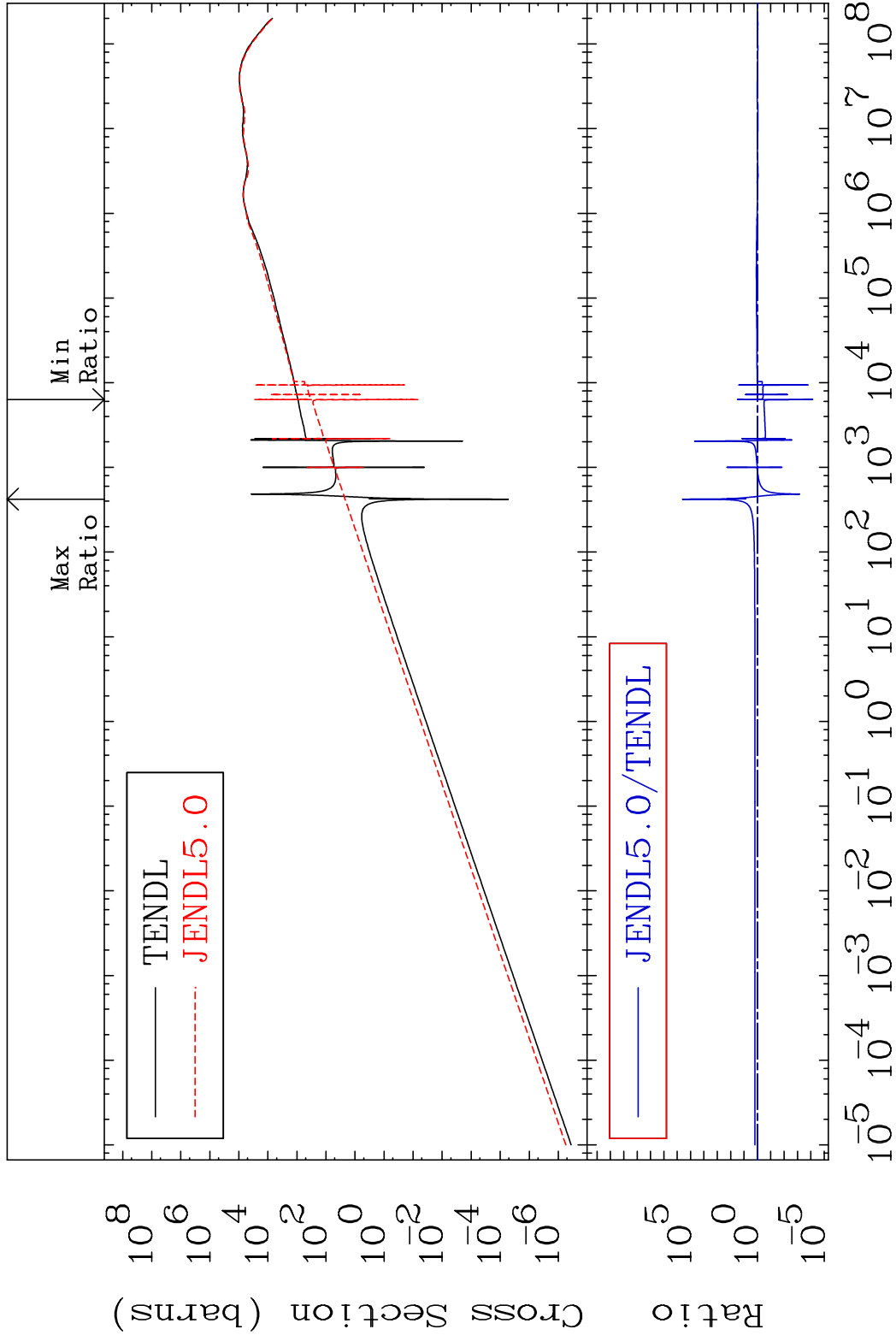
32 Incident Energy (eV) 54-Xe-134

MAT 5455

Kerma elastic

54-Xe-134

Cross Section -99.99 To 9999. %

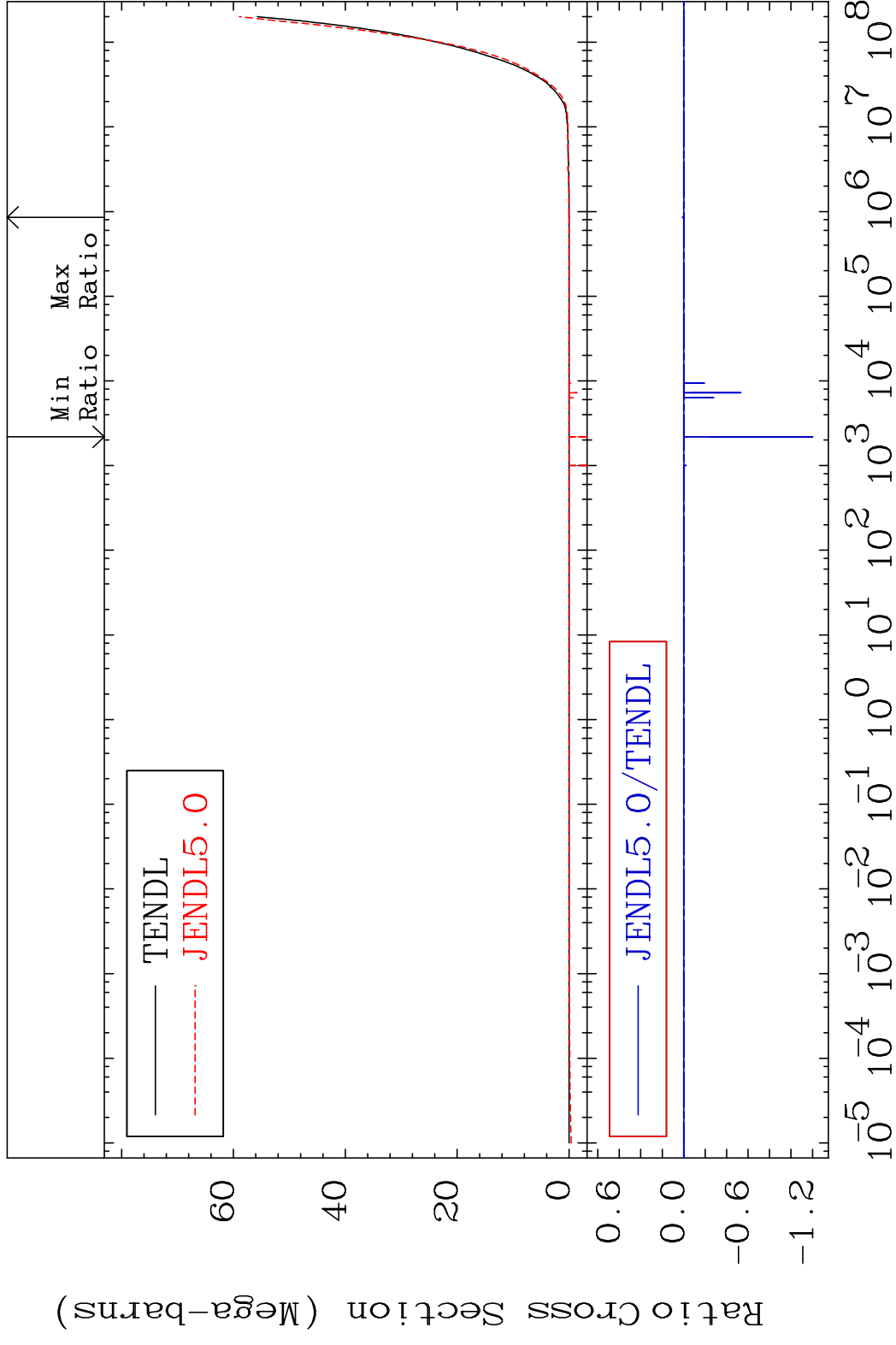


33

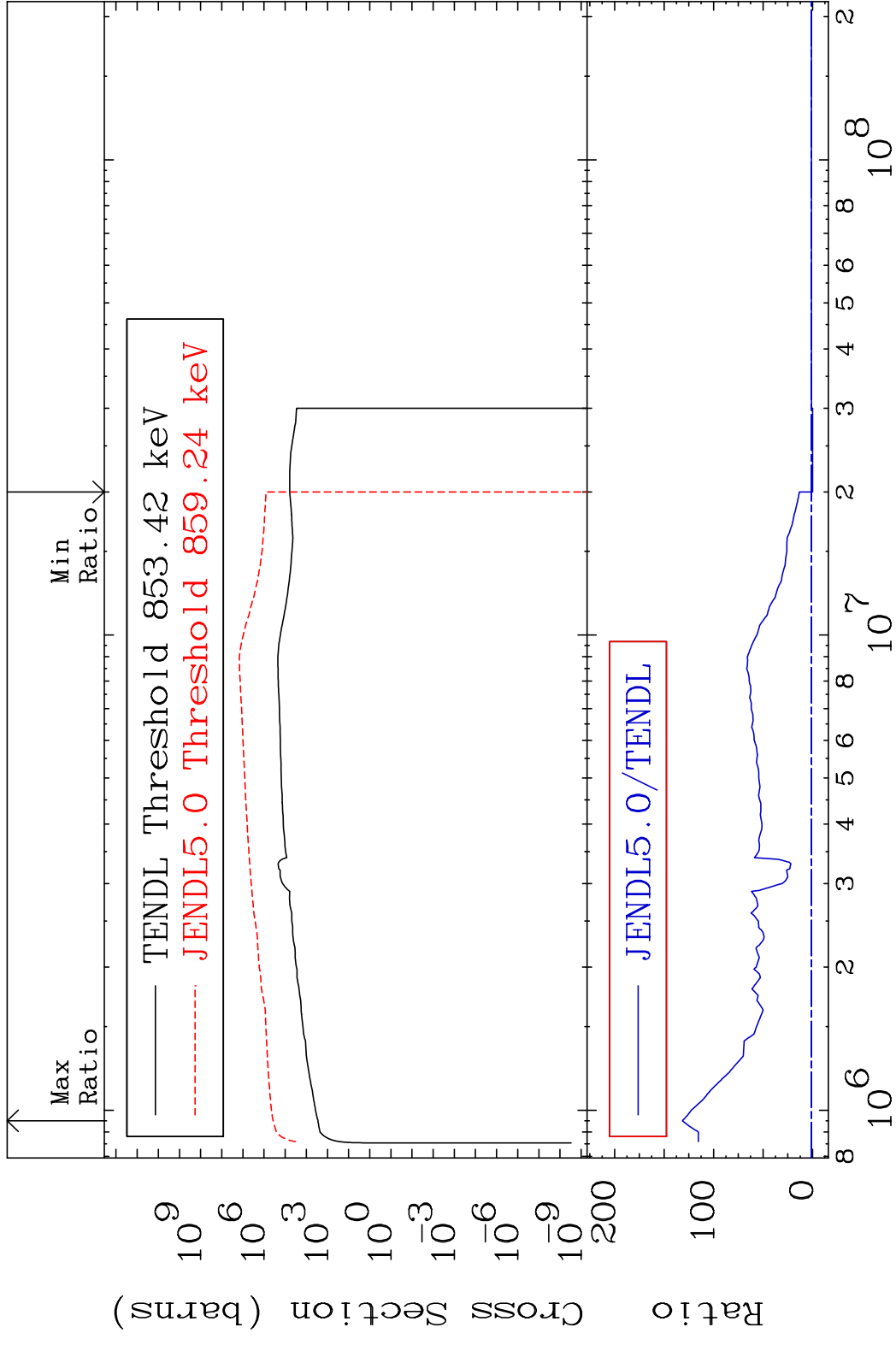
Incident Energy (eV)

54-Xe-134

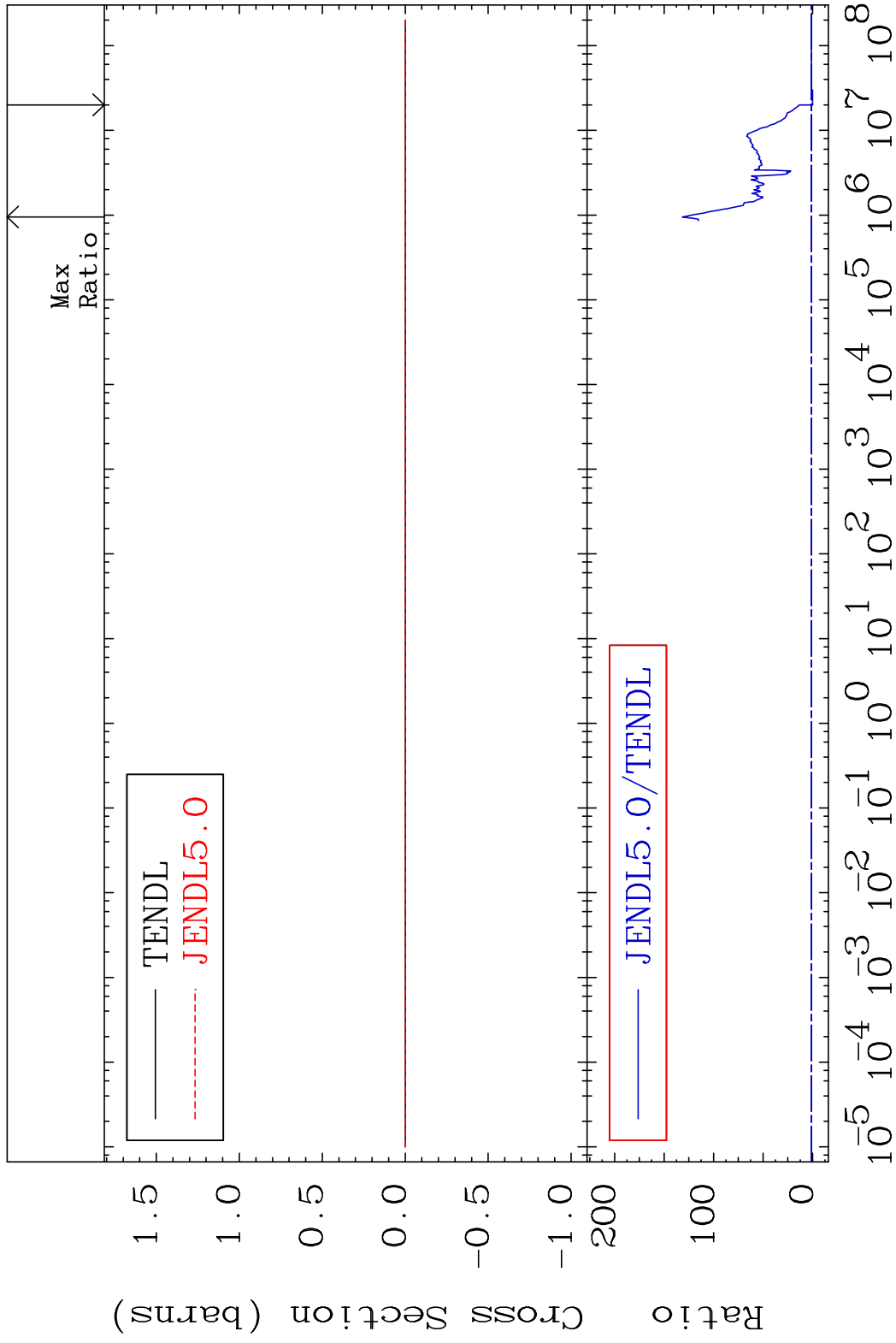
MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 Cross Section -9999. To 9999. %



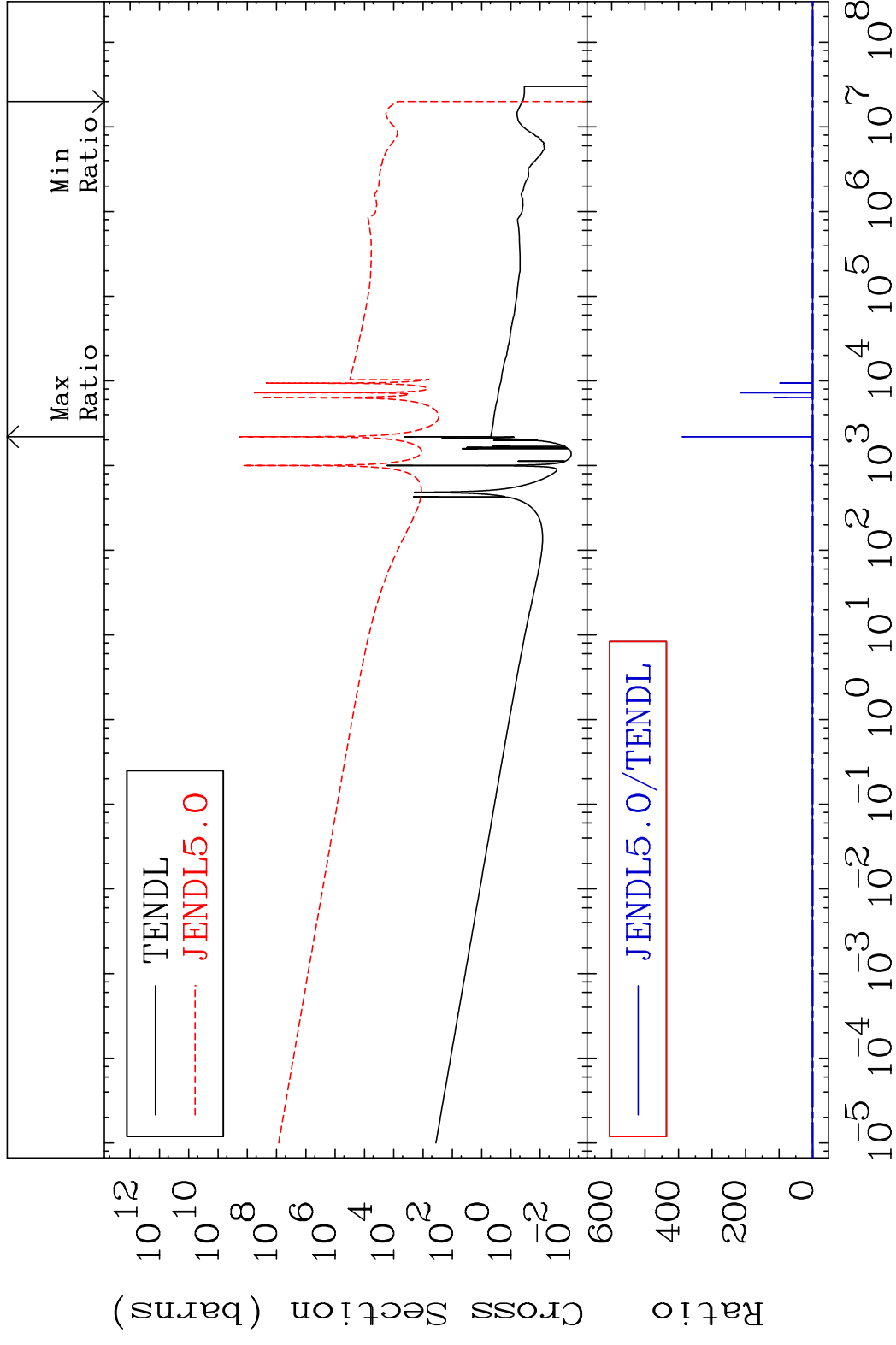
MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134
 Cross Section -100.0 To 9999. %



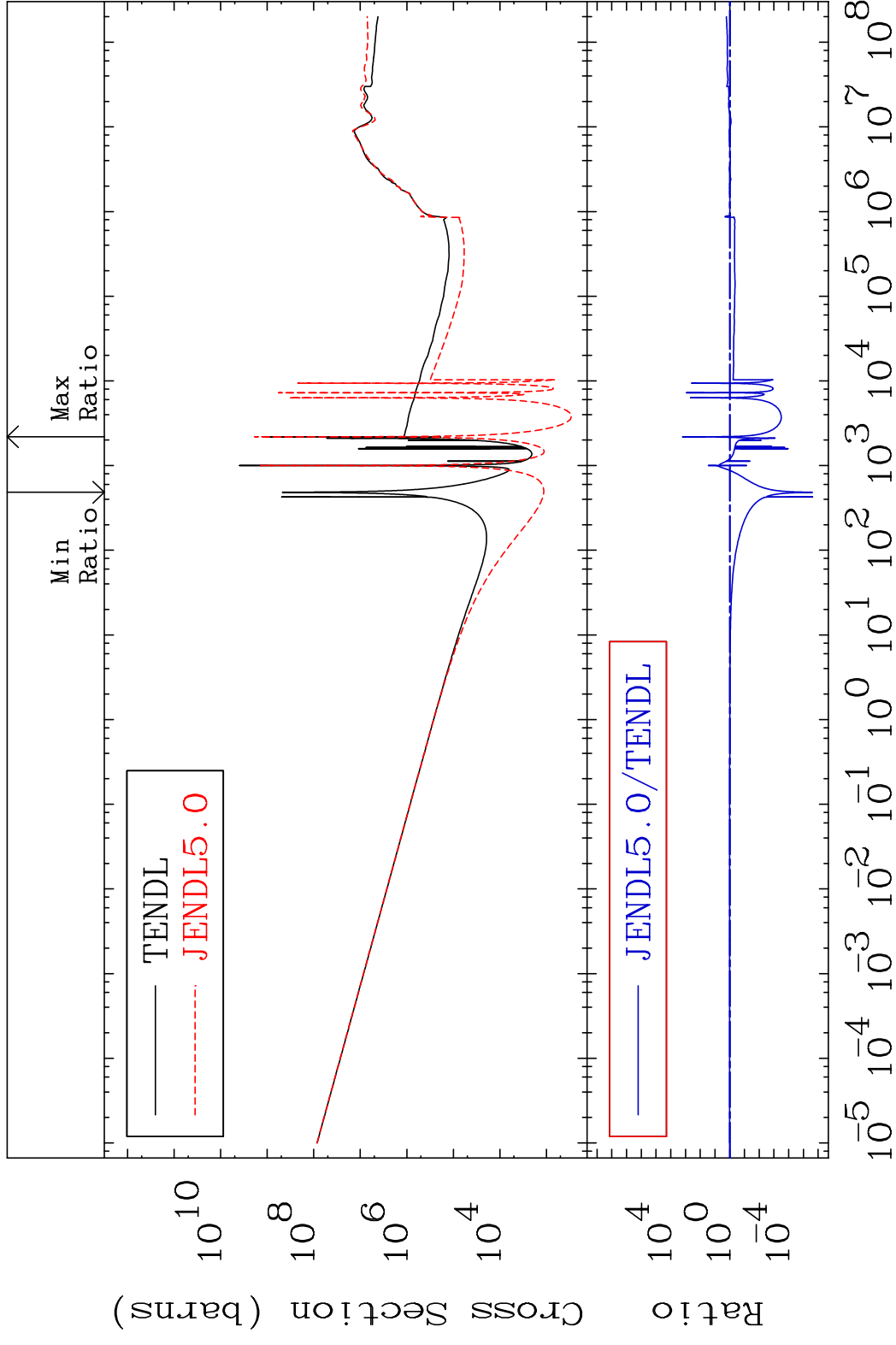
MAT 5455 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-134
 Cross Section -100.0 To 9999. %



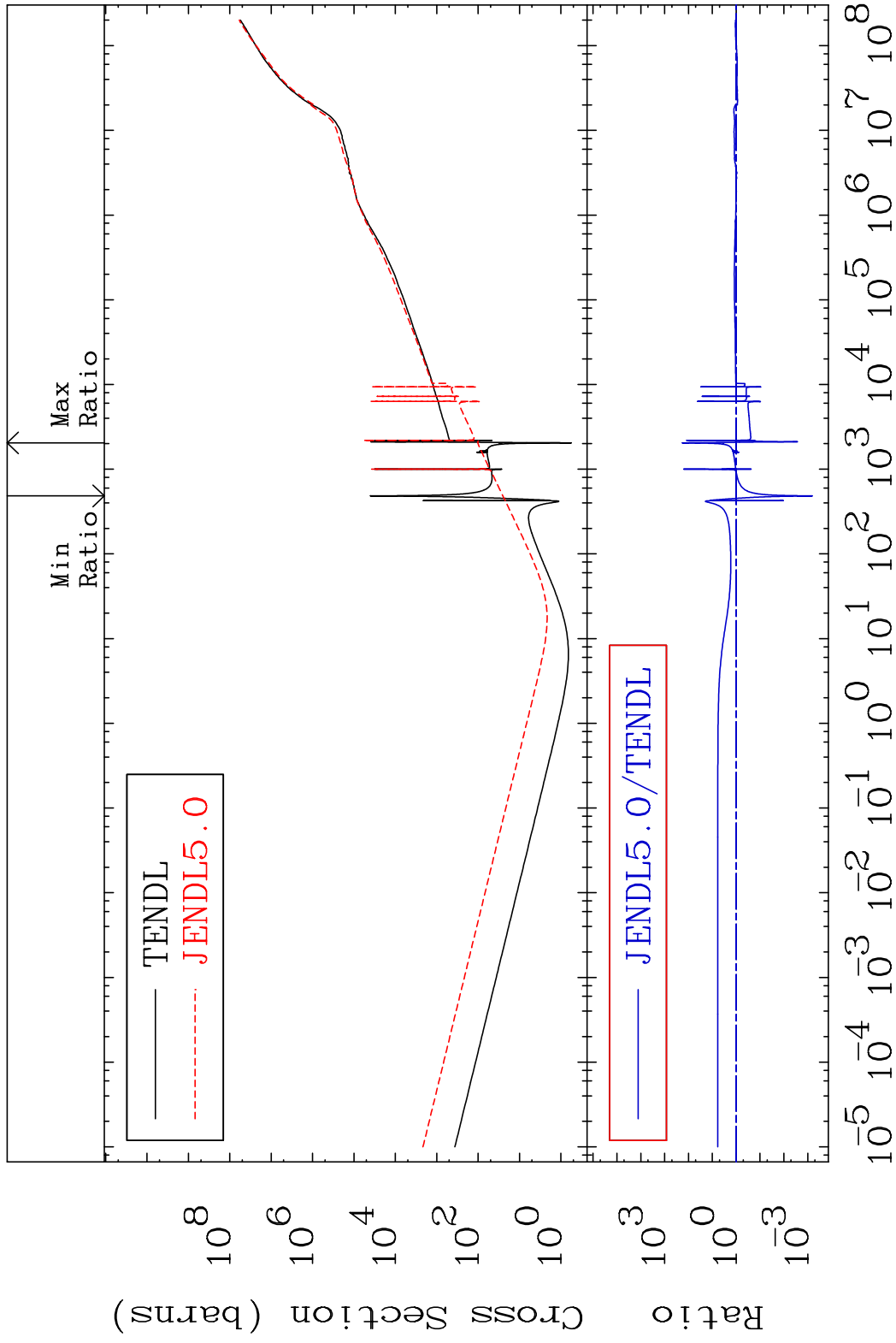
MAT 5455 Kerma capture (mt102) 54-Xe-134
 Cross Section -100.0 To 9999. %



MAT 5455 Total photon (eV-barns) 54-Xe-134
 Cross Section -100.0 To 9999. %



MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.94 To 9999. %

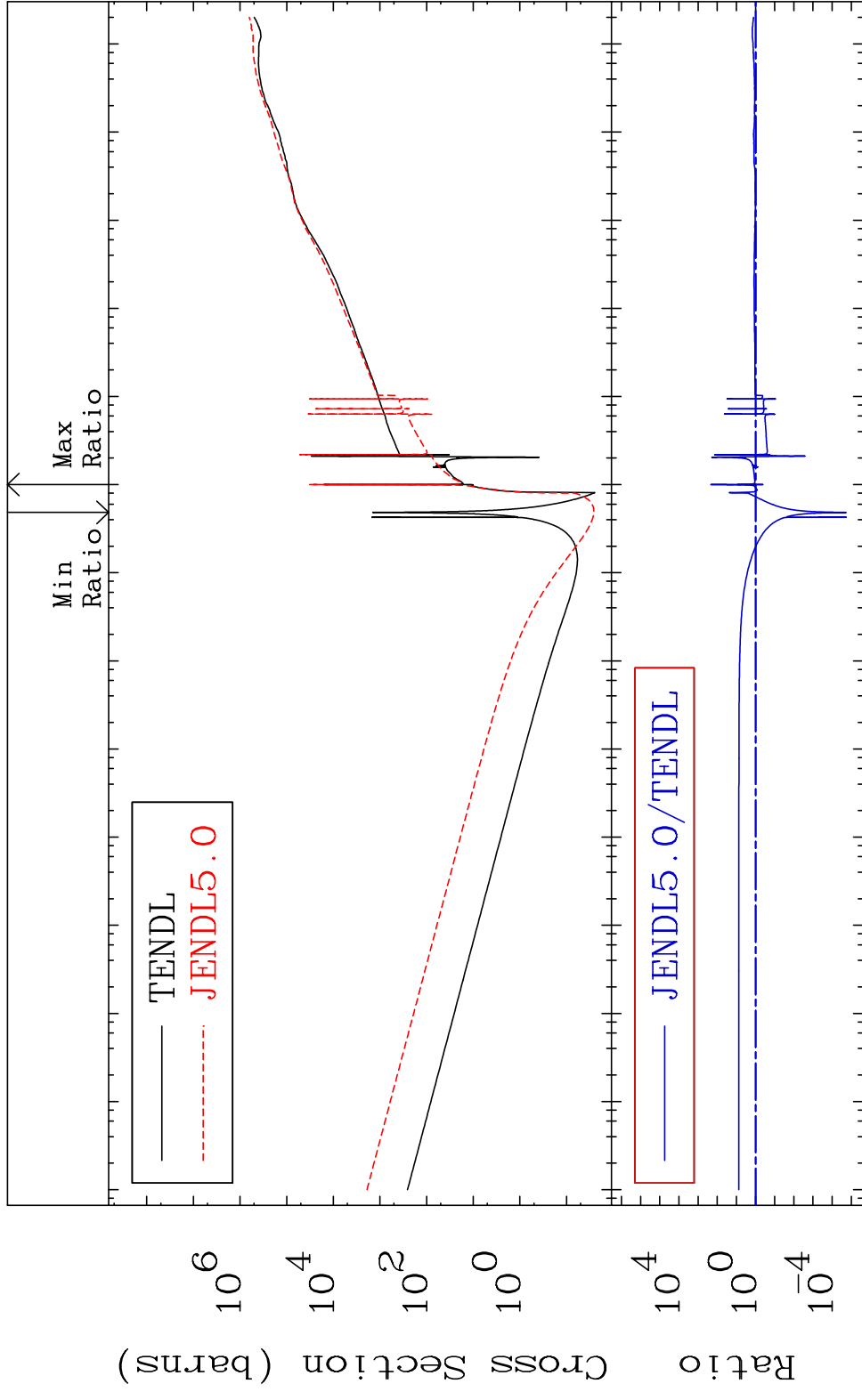


MAT 5455

Dpa total (eV-barns)

54-Xe-134

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

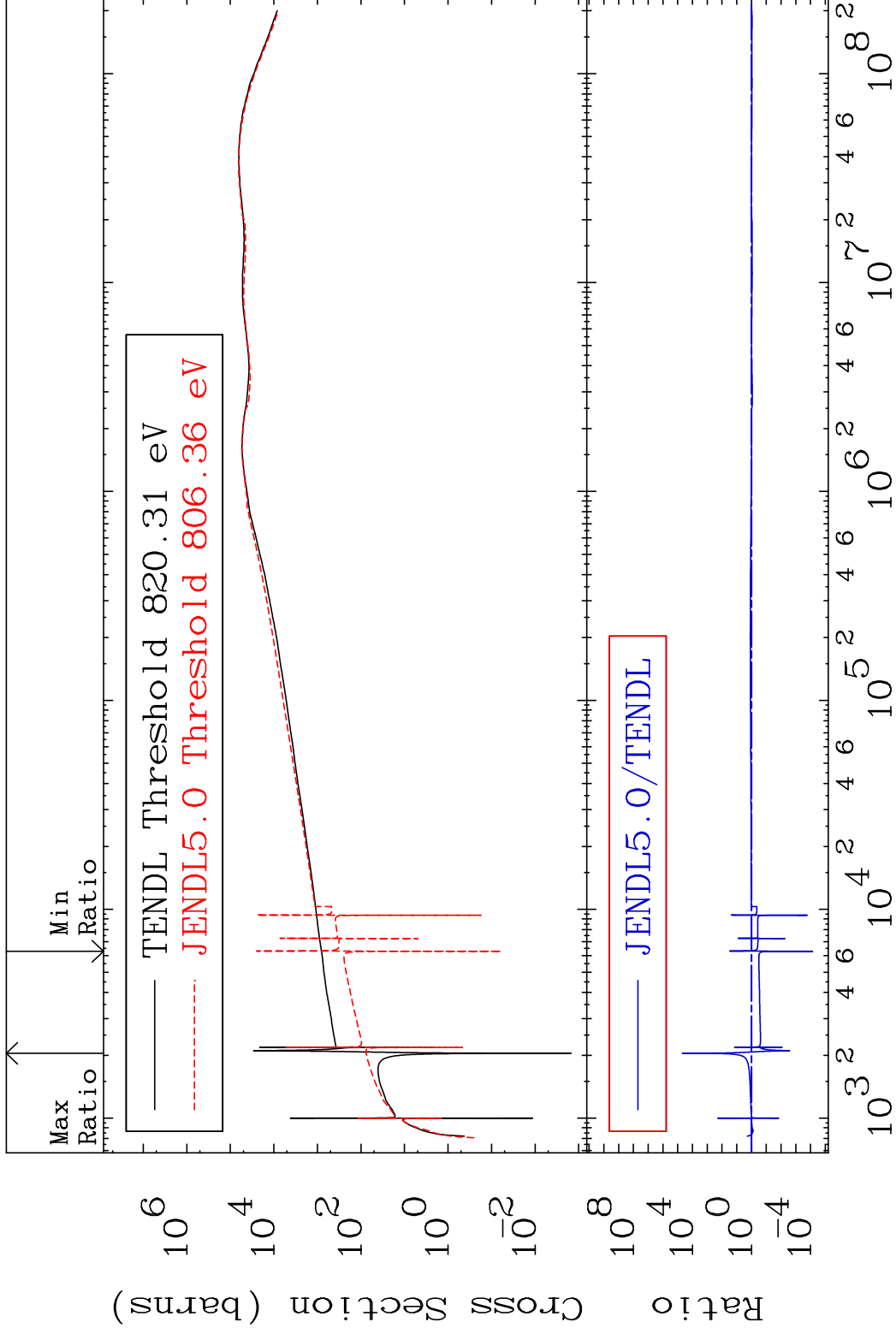
54-Xe-134

MAT 5455

Dpa elastic (mt2)

54-Xe-134

Cross Section -99.99 To 9999. %

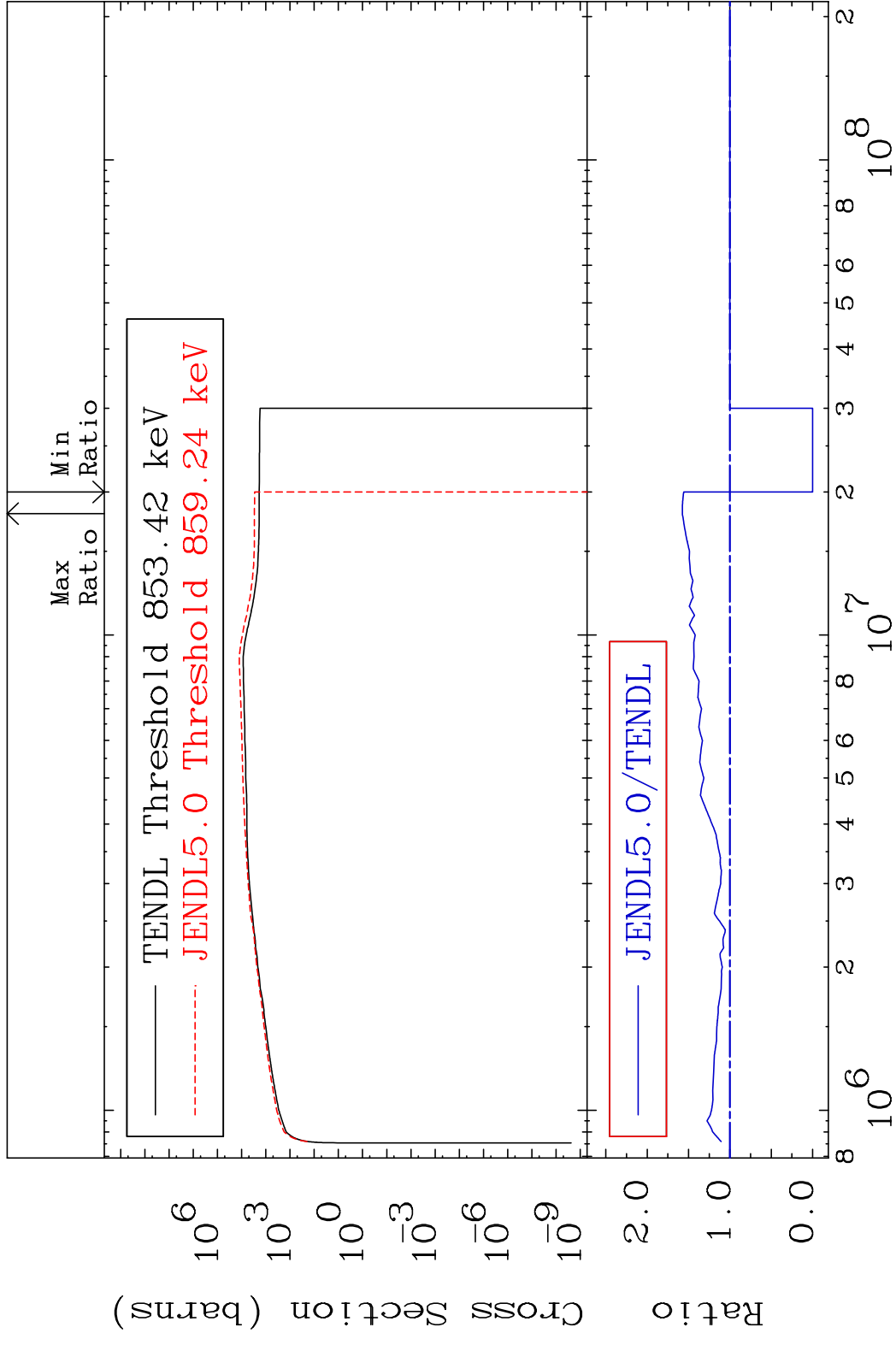


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Incident Energy (eV)

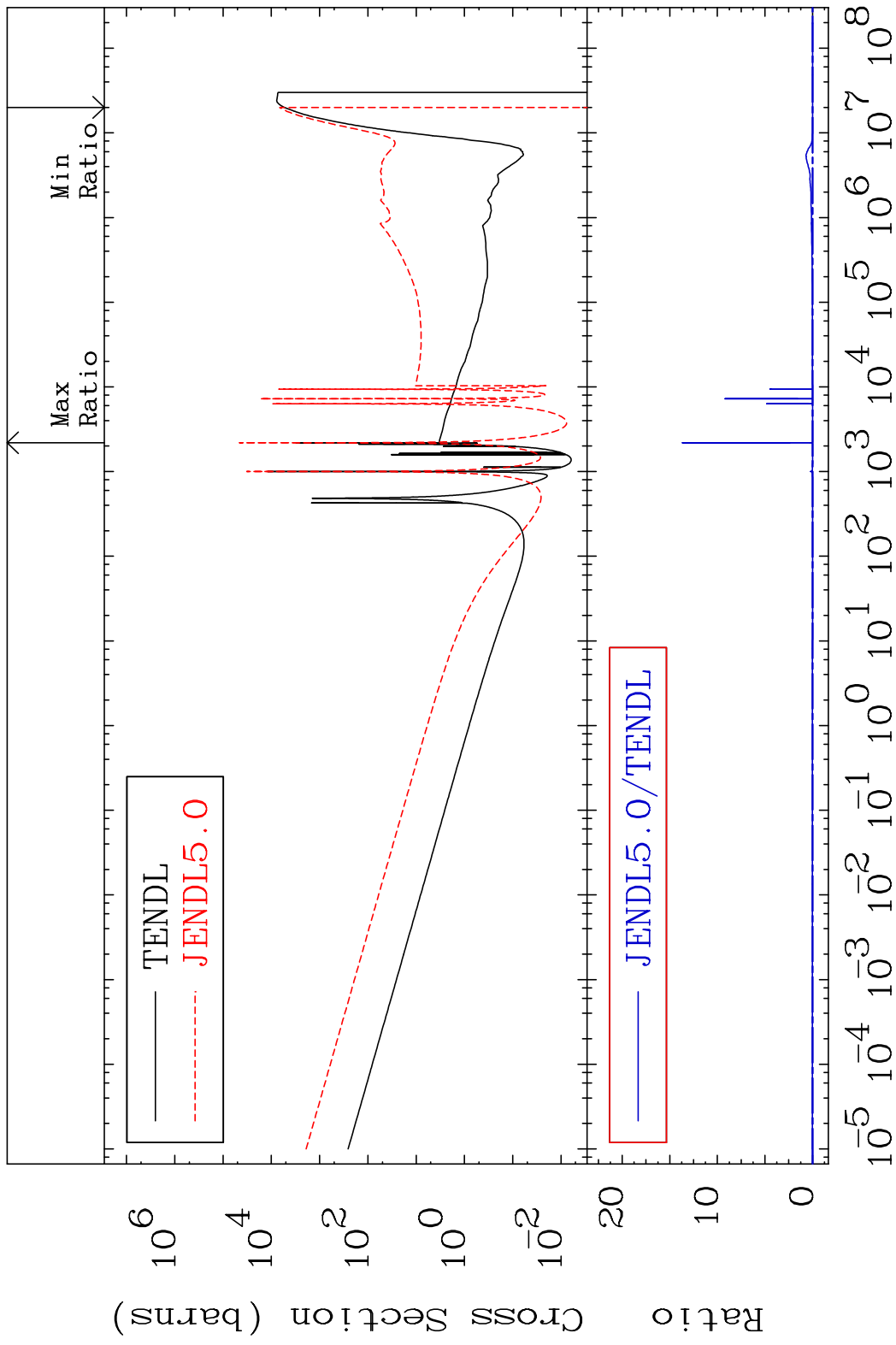
54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -100.0 To 57.48 %

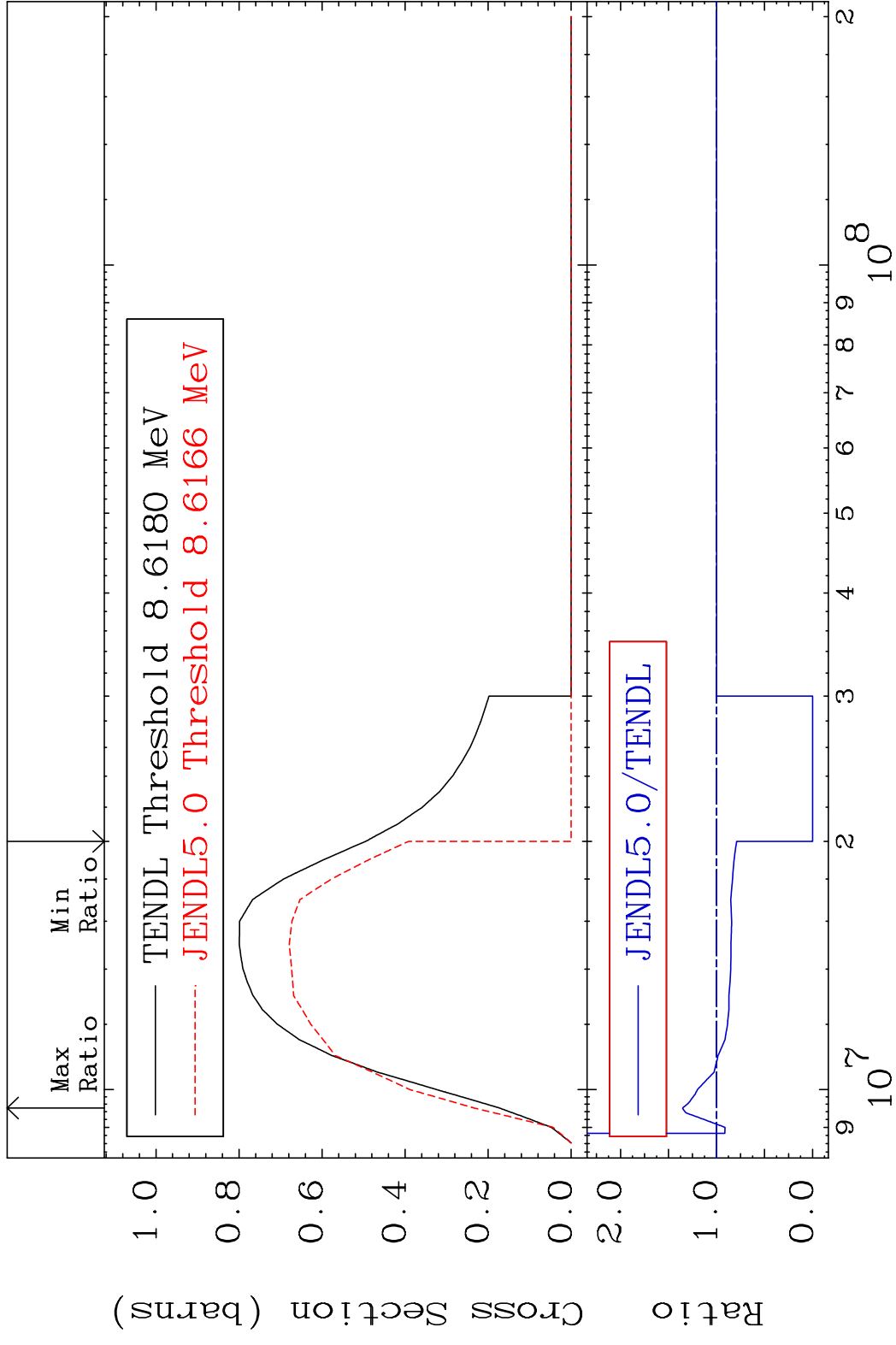


42 Incident Energy (eV) 54-Xe-134

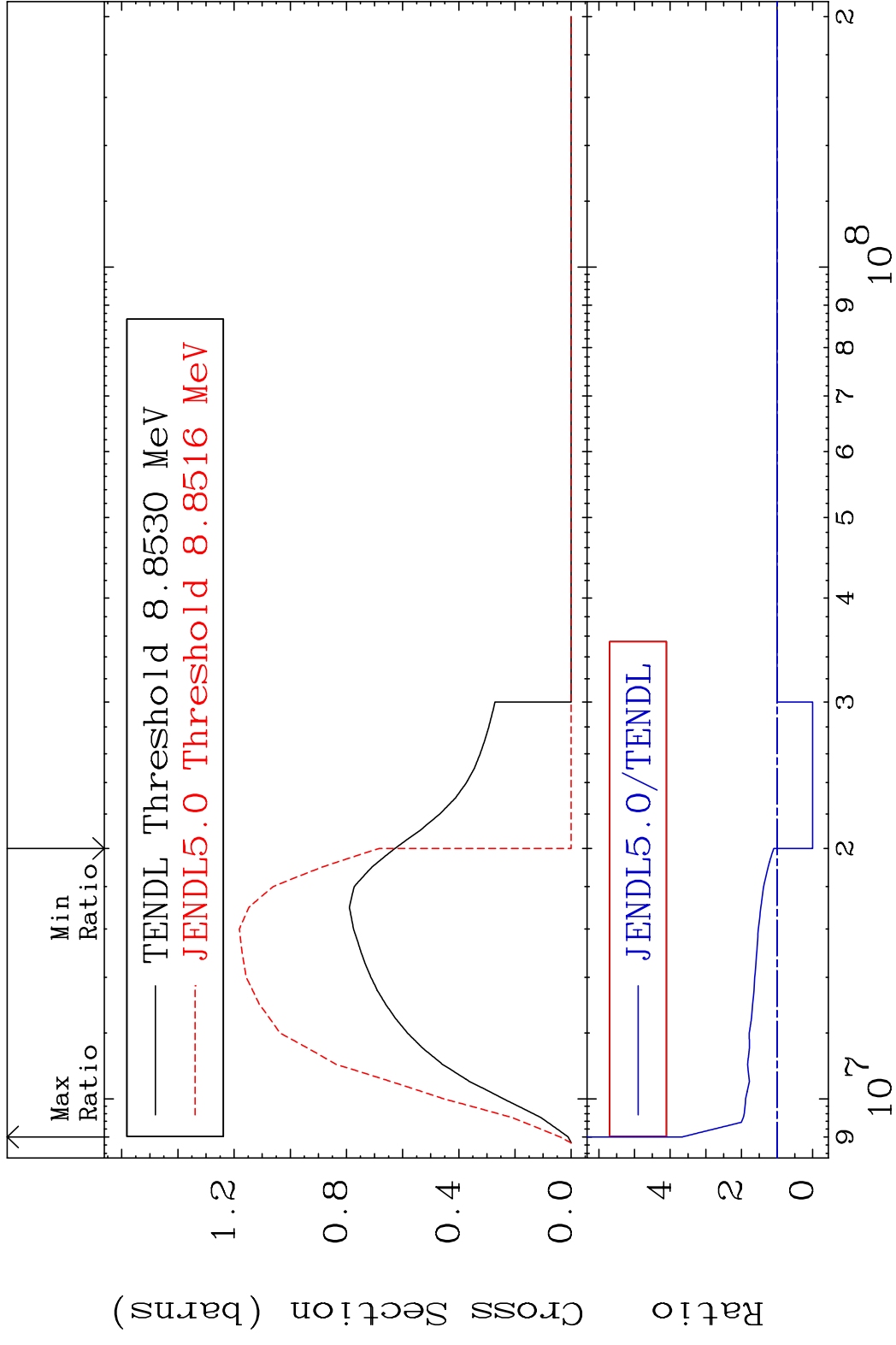
MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134
 Cross Section -100.0 To 9999. %



MAT 5455 (n,2n):54-Xe-133g 54-Xe-134
 Radionuclide Production Cross Section 180.01 dth 35.60 %



MAT 5455 (n,2n):54-Xe-133m1 54-Xe-134
 Radionuclide Production Cross Section 180.0 dth 265.8 %



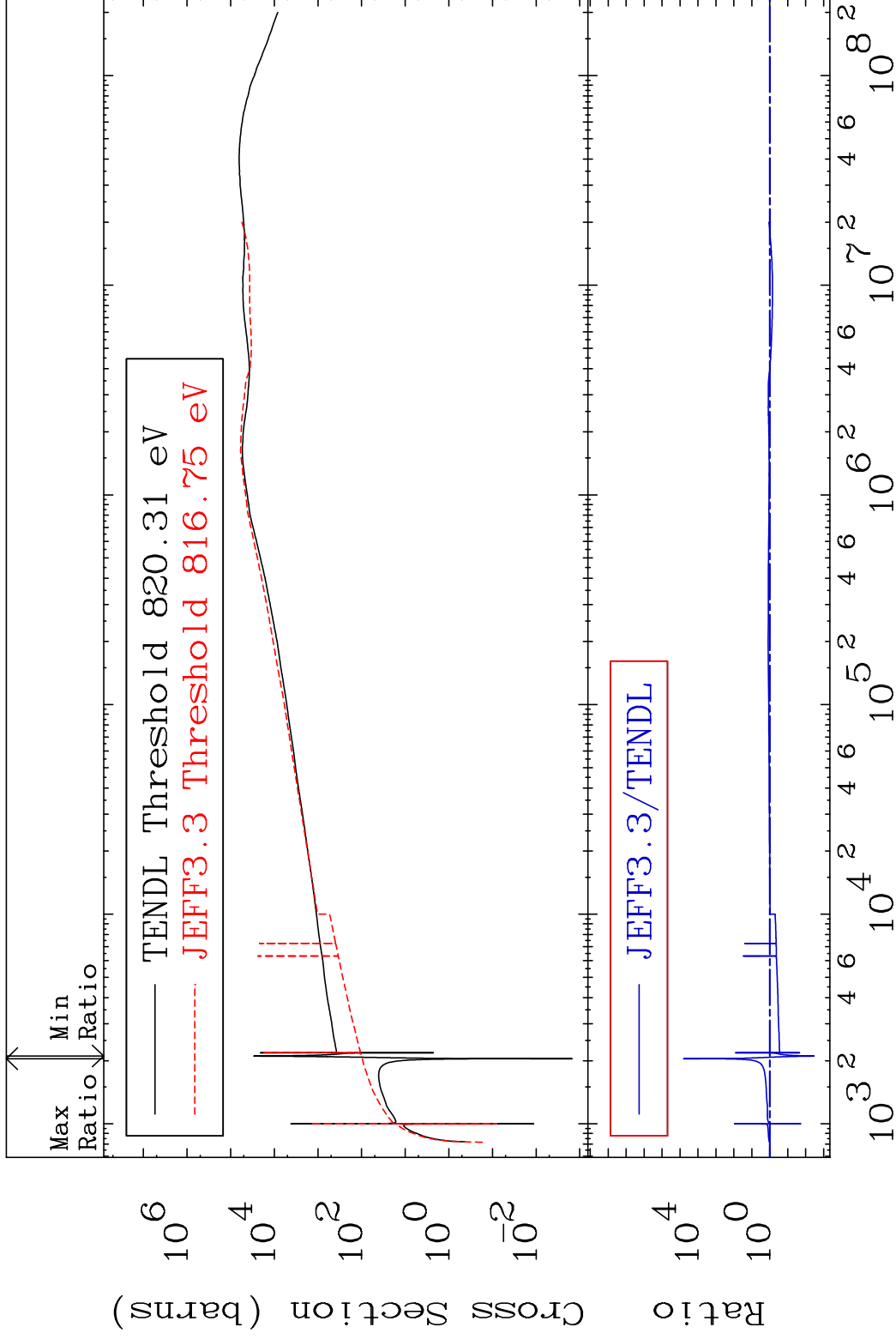
45 Incident Energy (eV) 54-Xe-134

MAT 5455

Dpa elastic (mt2)

54-Xe-134

Cross Section -99.66 To 9999. %

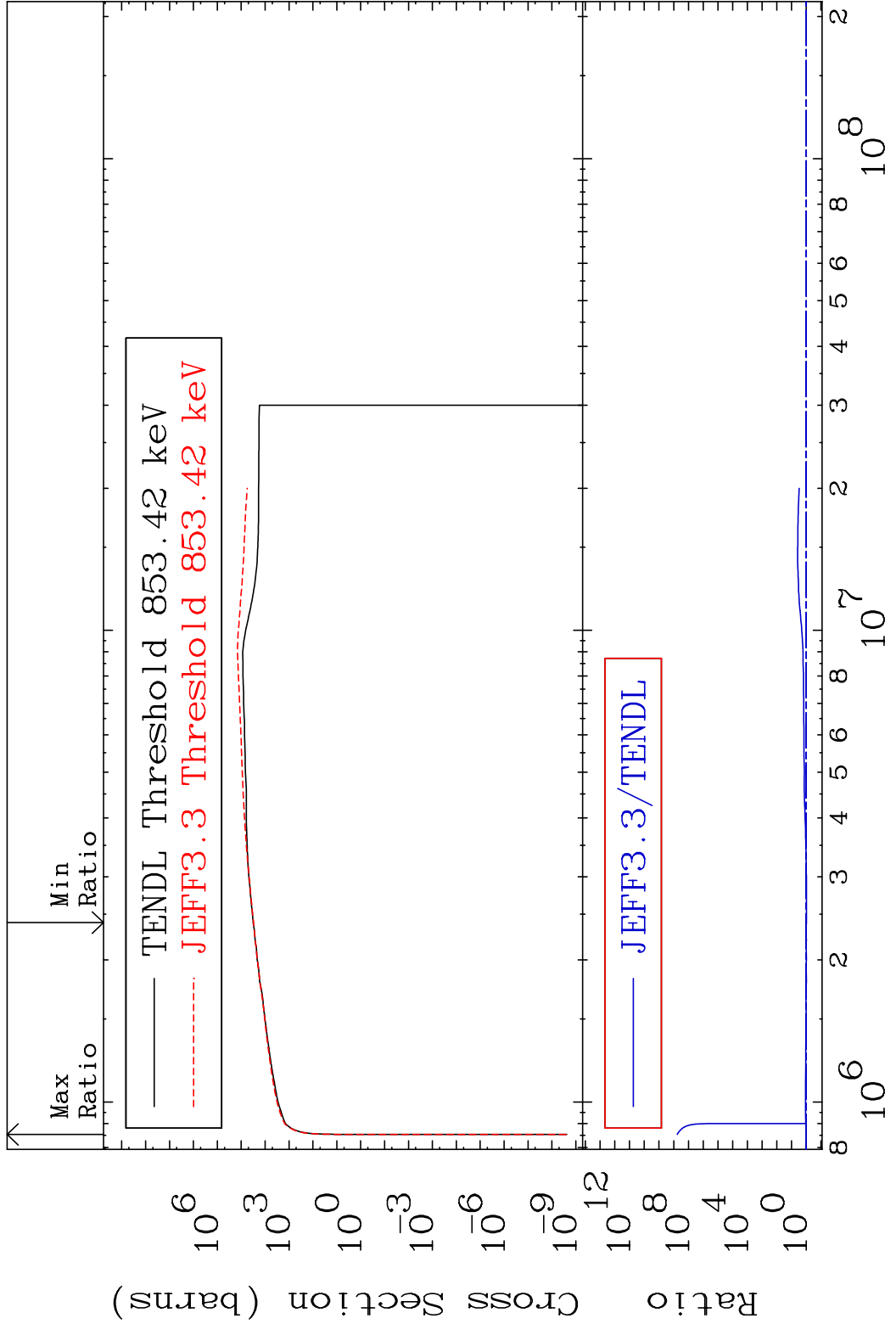


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Incident Energy (eV)

54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -2.410 To 9999. %



MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134
 Cross Section -100.0 To 9999. %

