

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

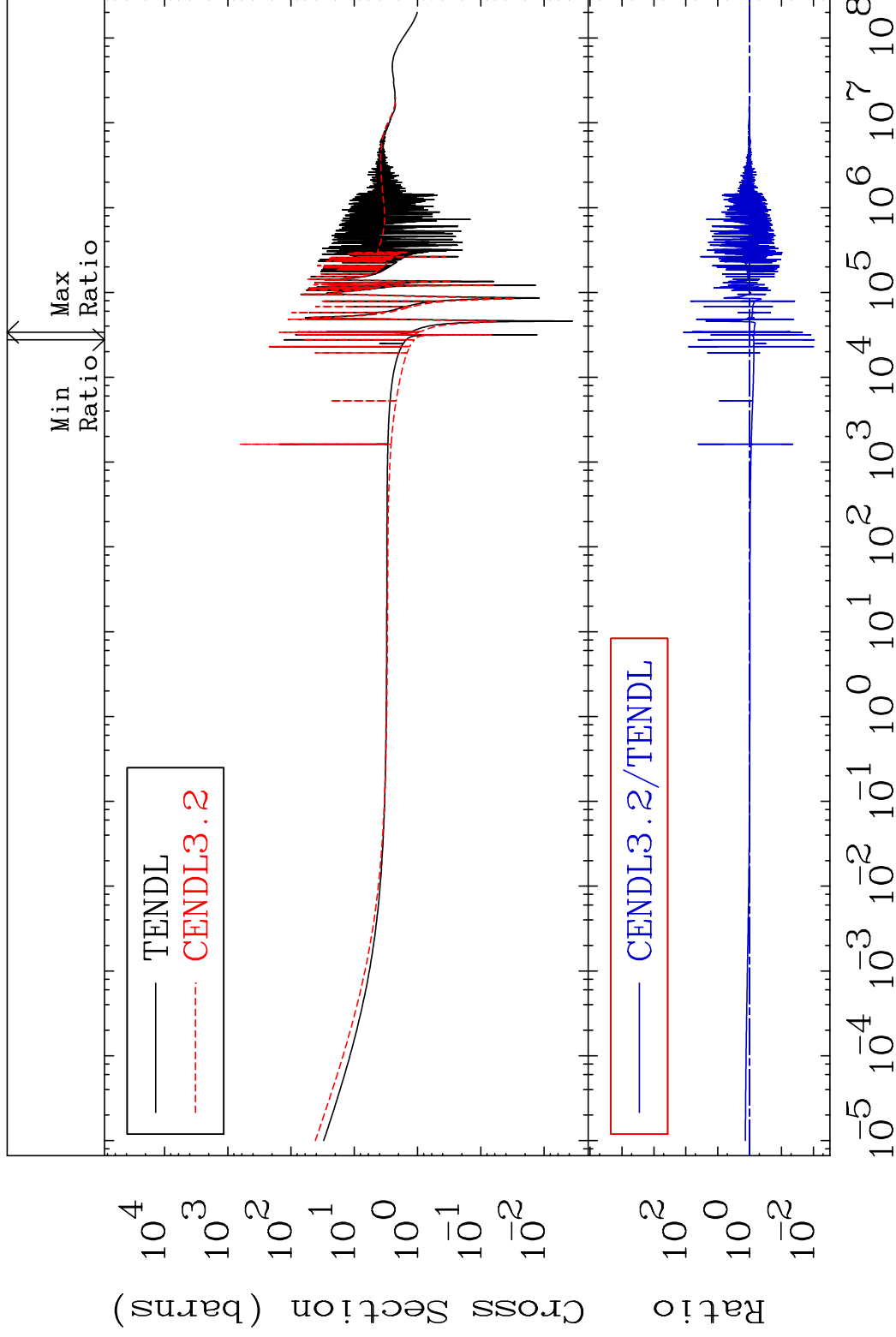
MAT 2431

Total

24-Cr-52

Cross Section

-99.05 To 9999. %



1

Incident Energy (eV)

24-Cr-52

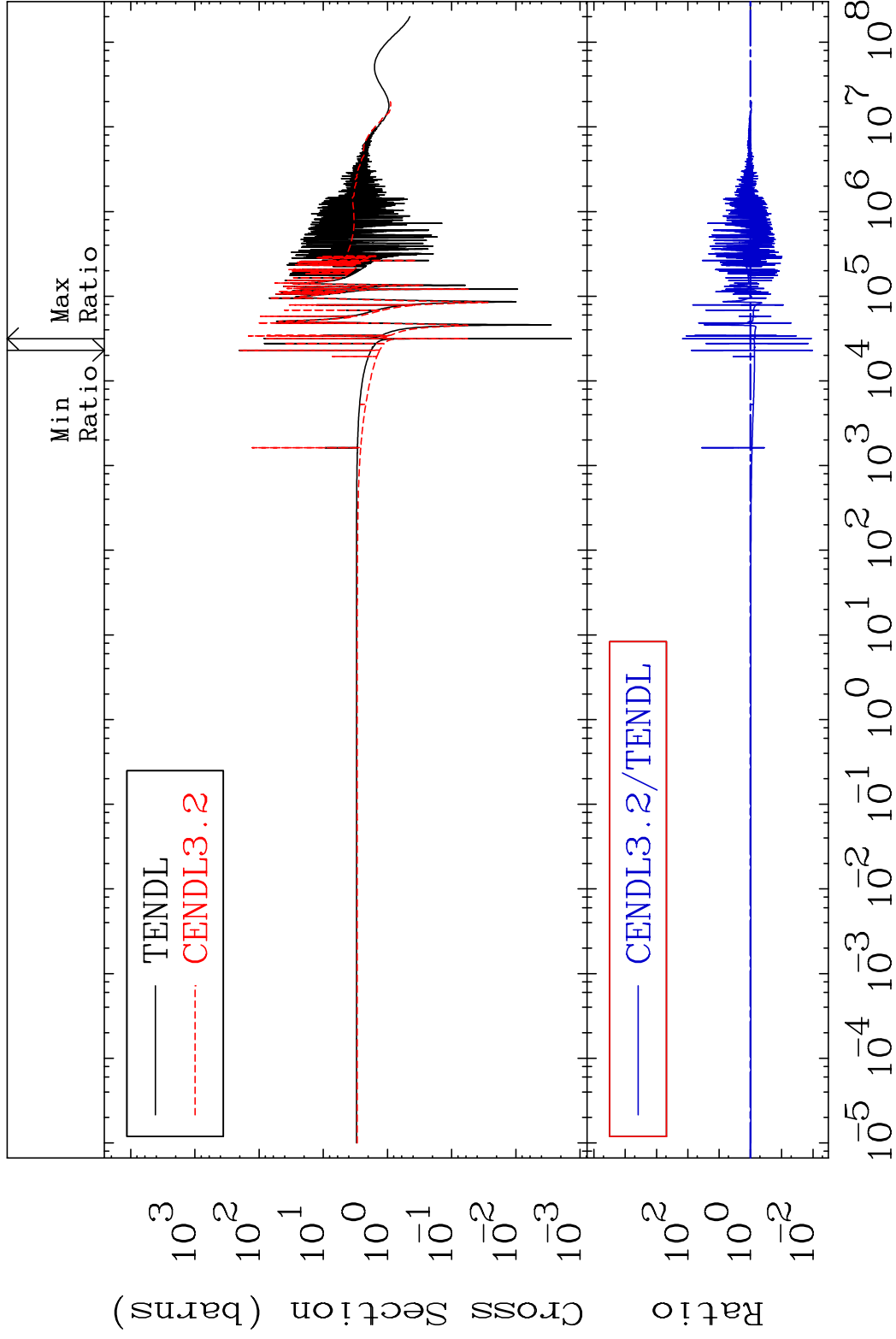
MAT 2431

Elastic

24-Cr-52

Cross Section

-98.97 To 9999. %

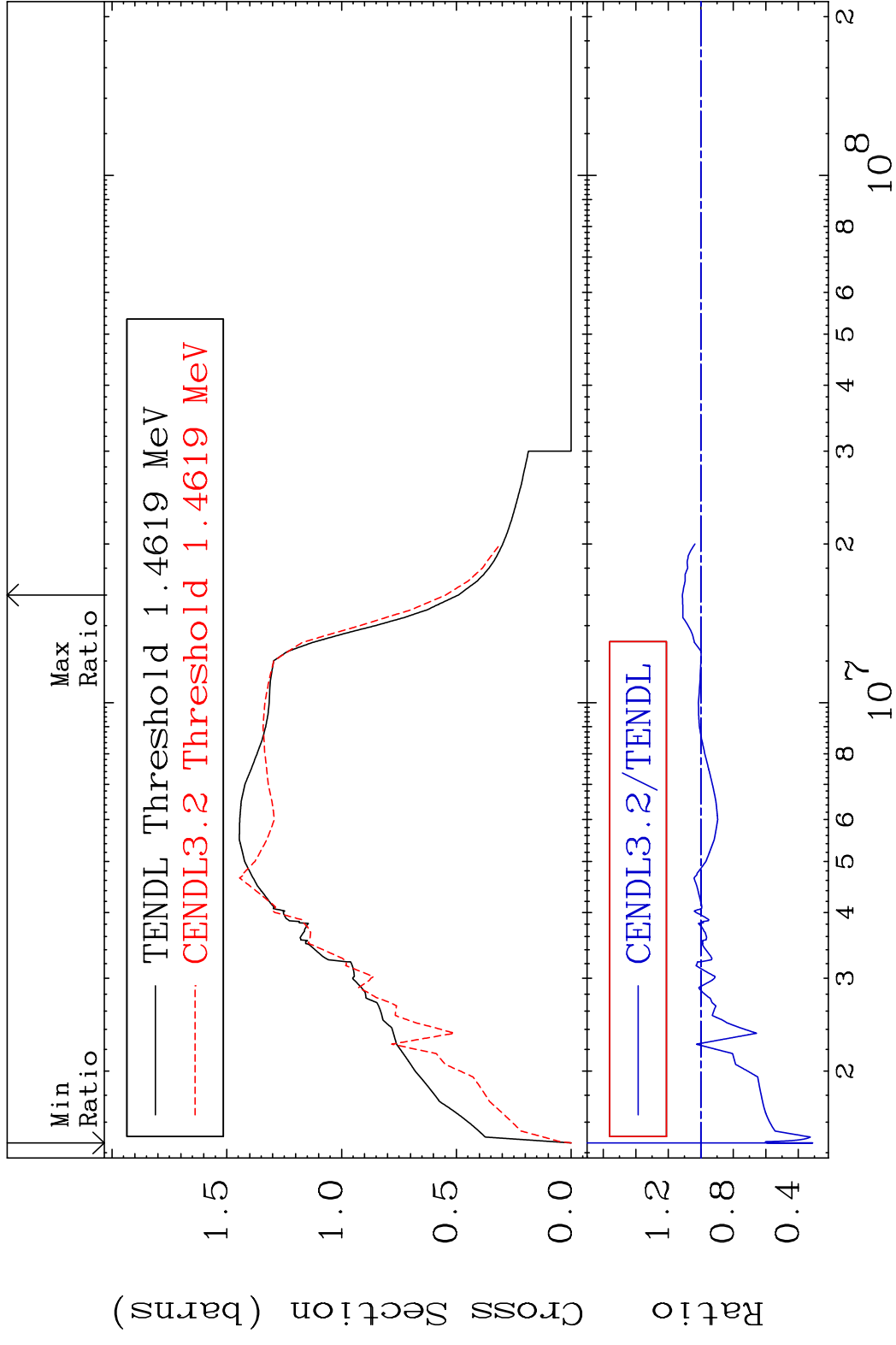


2

Incident Energy (eV)

24-Cr-52

MAT 2431 Inelastic 24-Cr-52
 Cross Section -68.80 To 11.34 %

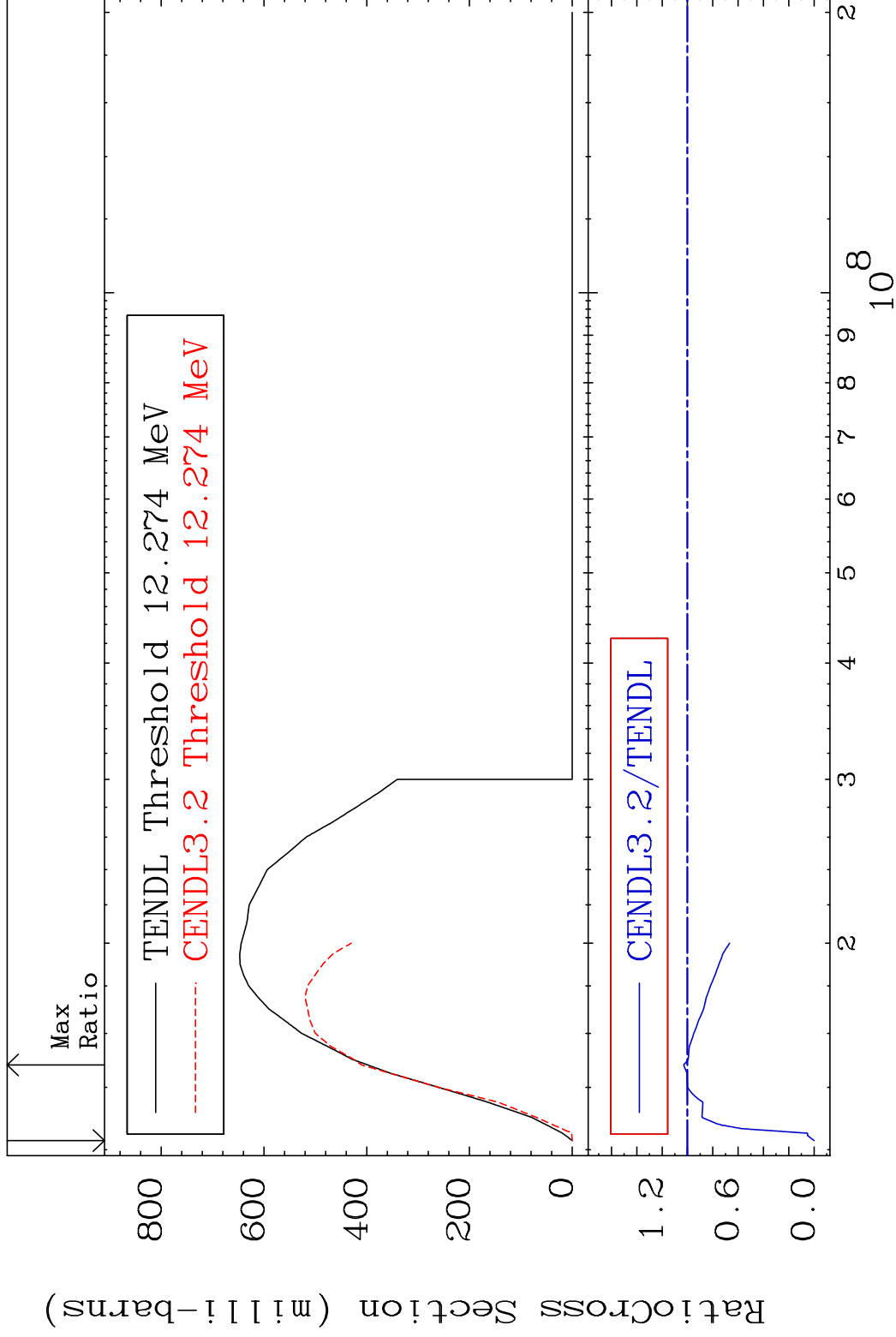


MAT 2431

(n,2n)

²⁴Cr-52

Cross Section -100.0 To 2.985 %



4

Incident Energy (eV)

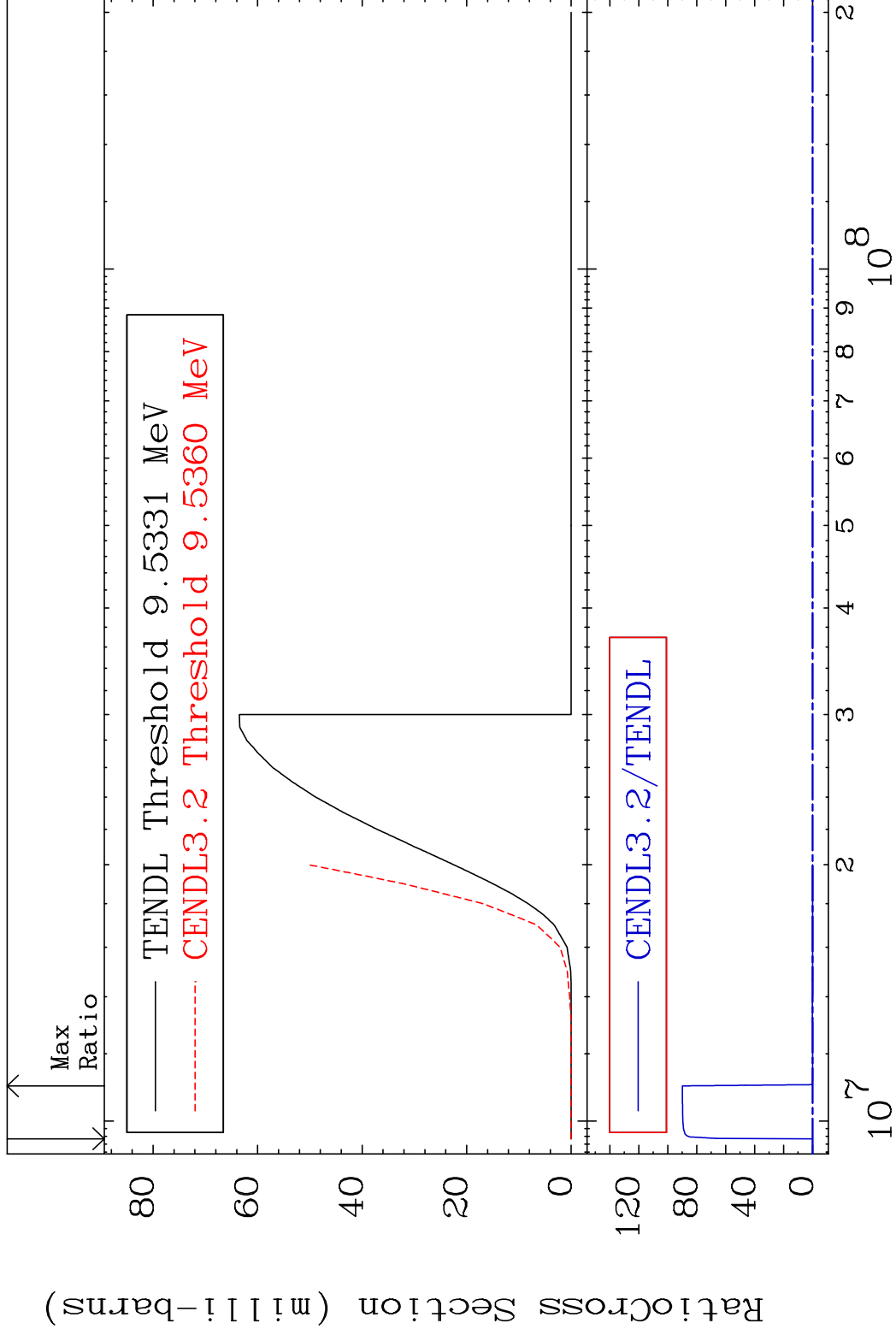
²⁴Cr-52

MAT 2431

(n, n') α

24-Cr-52

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

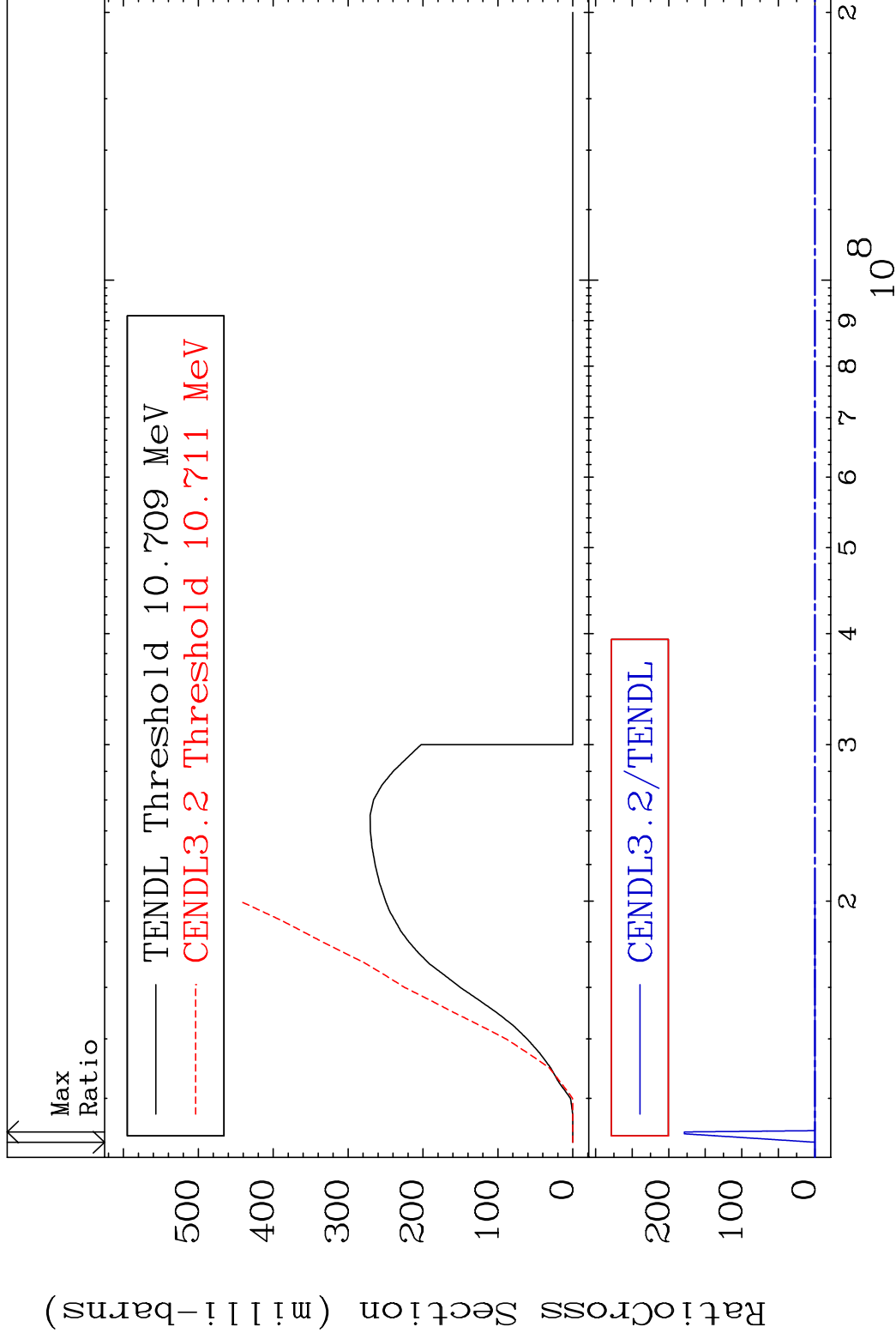
24-Cr-52

MAT 2431

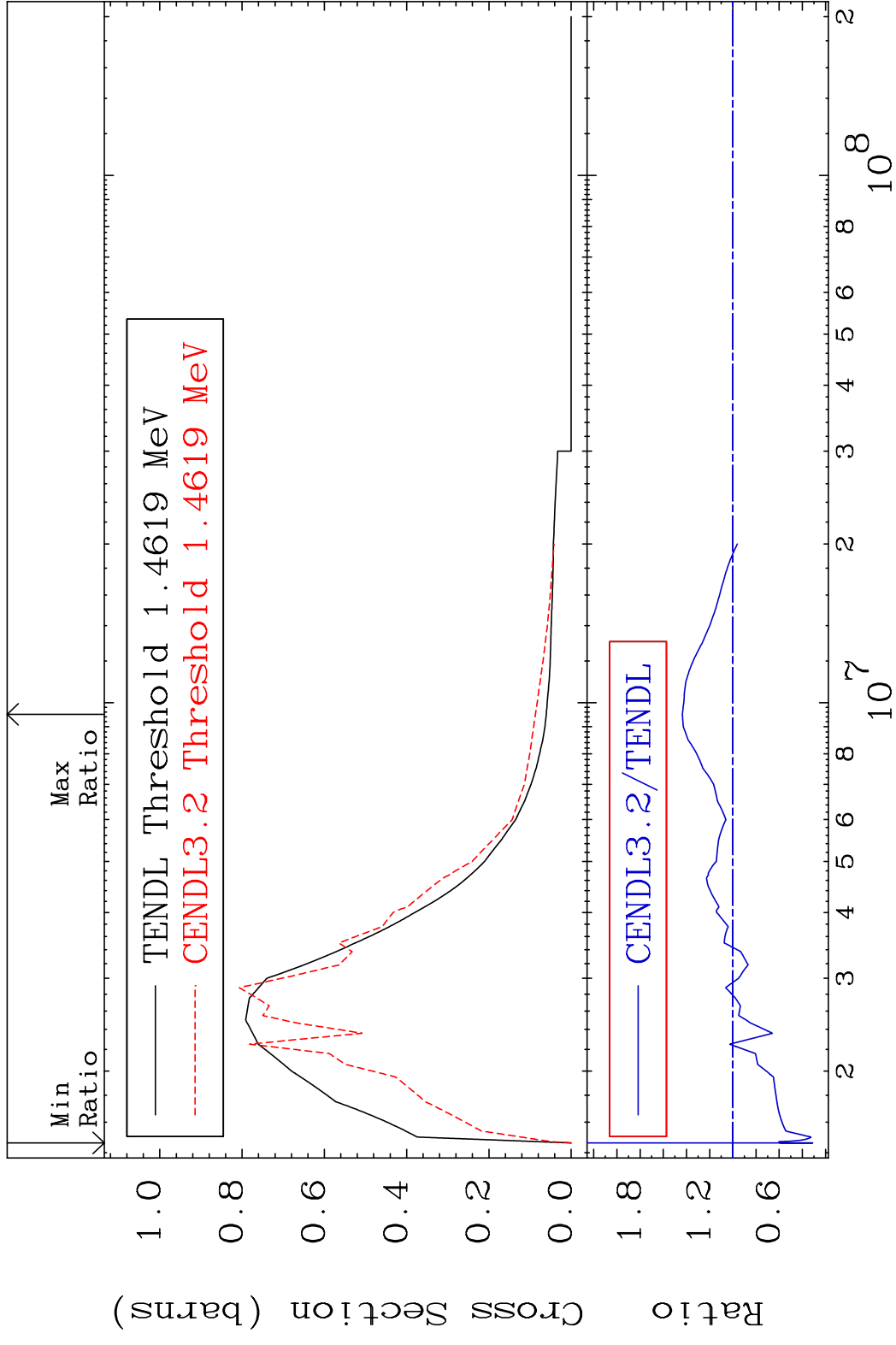
(n, n') p

²⁴Cr-52

Cross Section -100.0 To 9999. %



MAT 2431 MT= 51 (n, n') Level 24-Cr-52
 Cross Section -68.80 To 43.56 %

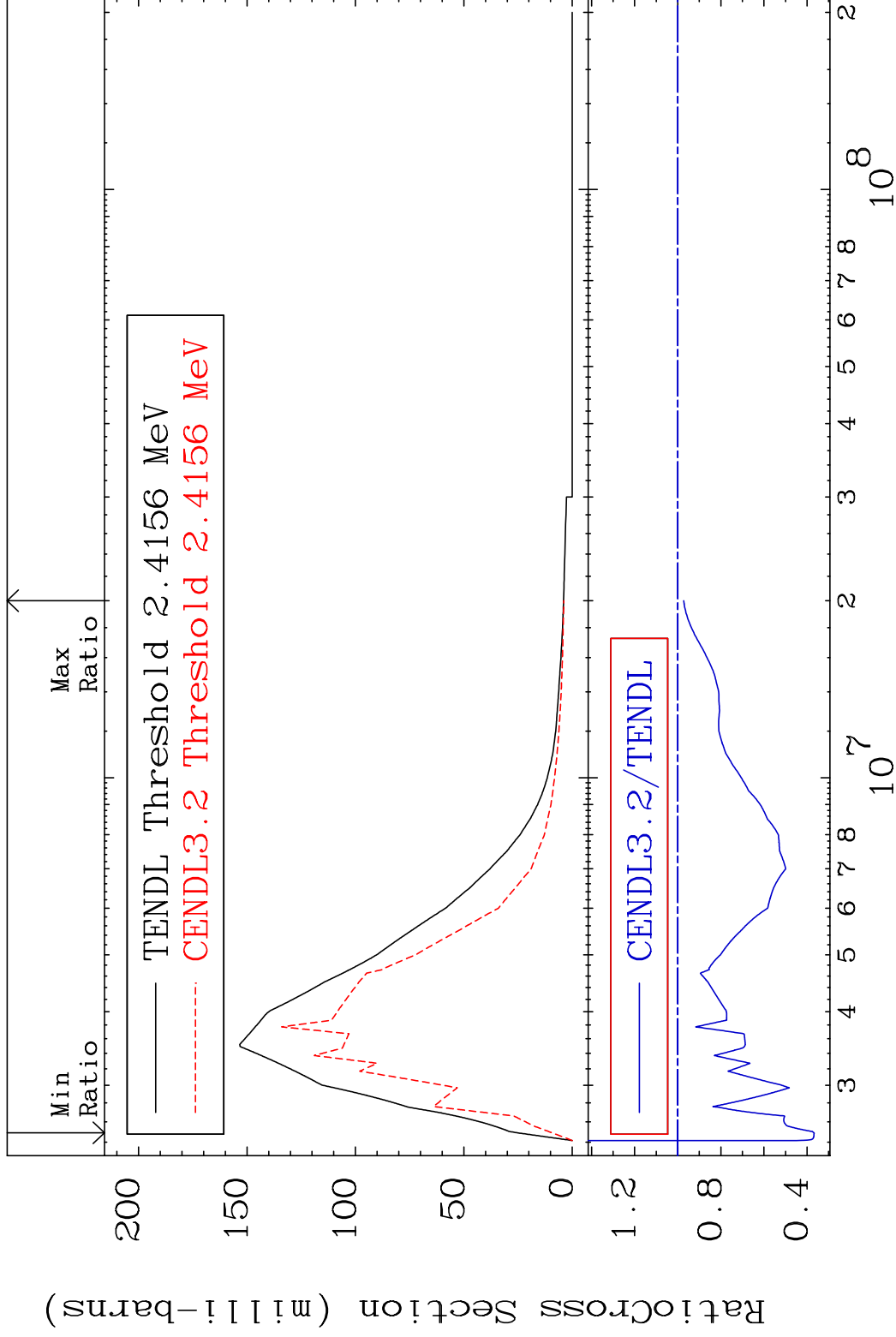


MAT 2431

MT= 52 (n, n') Level

24-Cr-52

Cross Section -63.28 To -2.757%

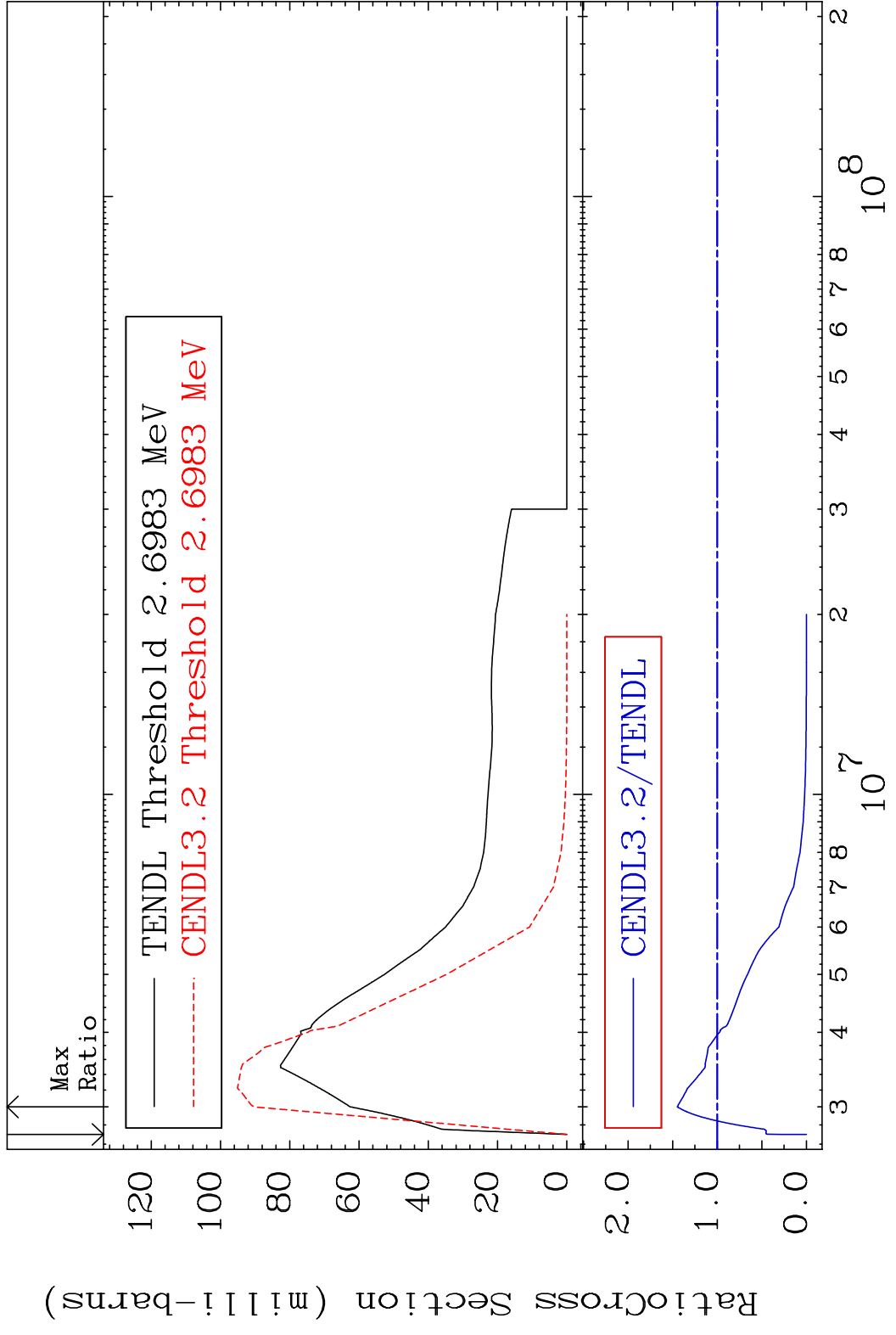


8

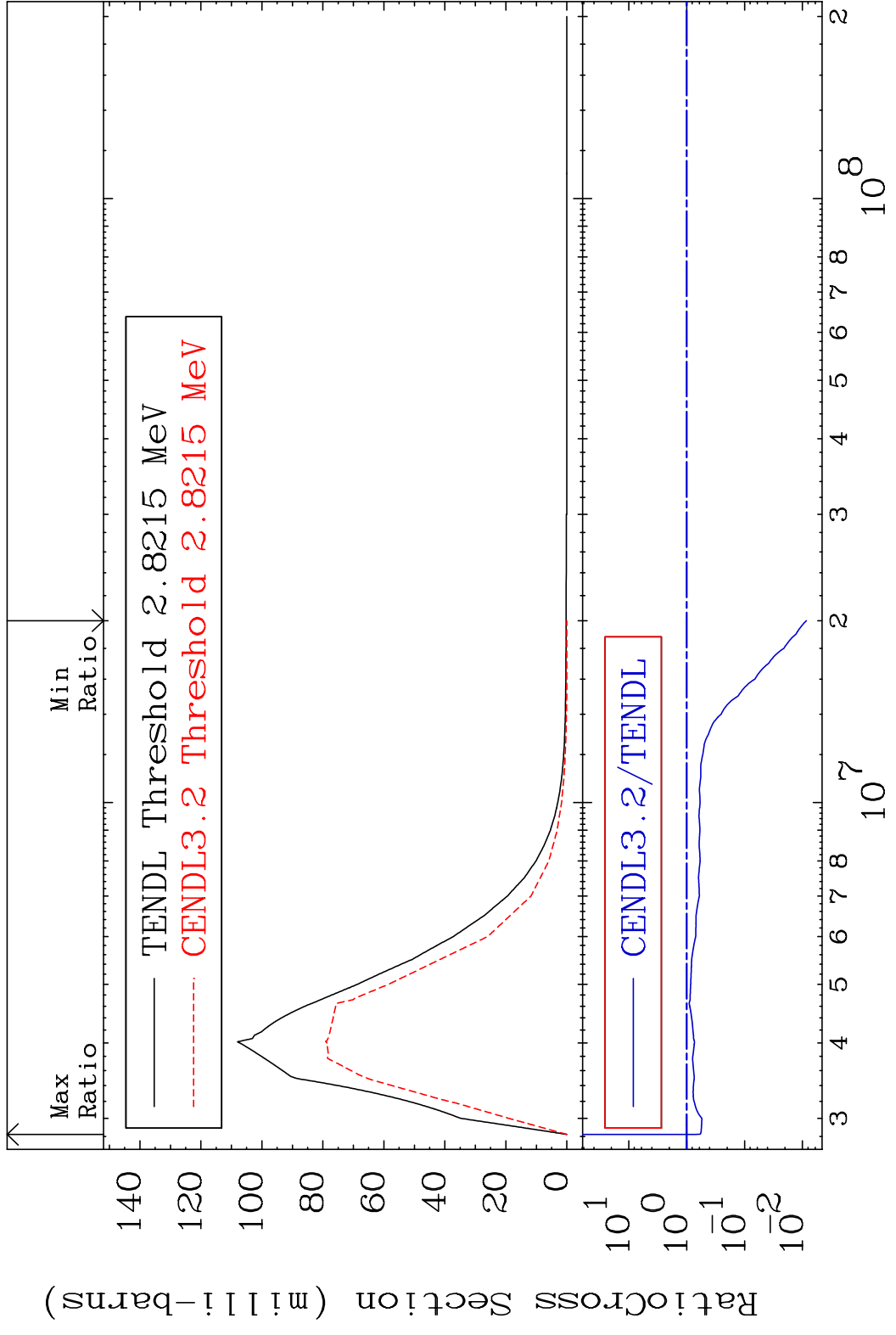
Incident Energy (eV)

24-Cr-52

MAT 2431 MT= 53 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 44.90 %

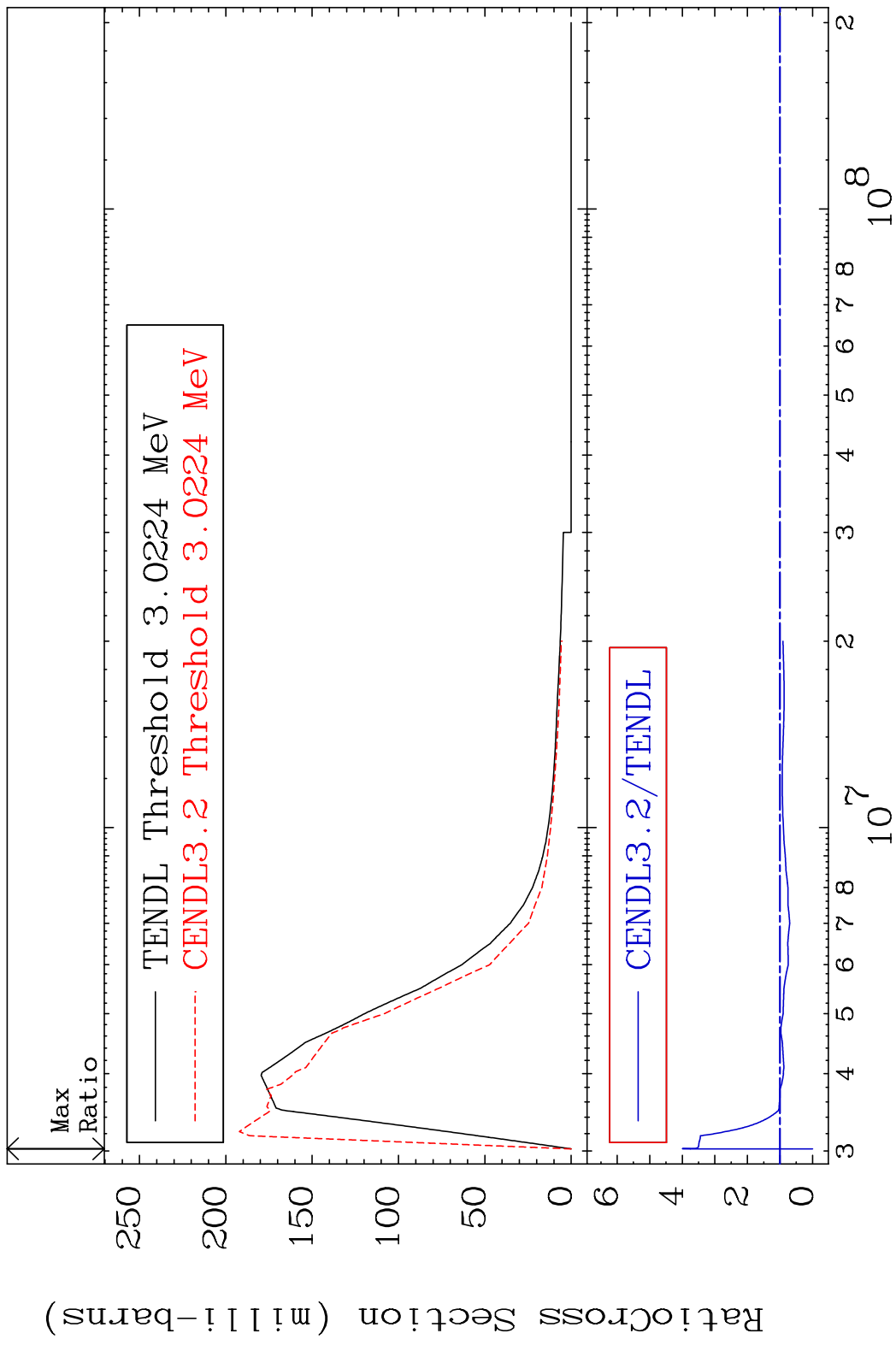


MAT 2431 MT= 54 (n, n') Level 24-Cr-52
 Cross Section -99.14 To 45.62 %

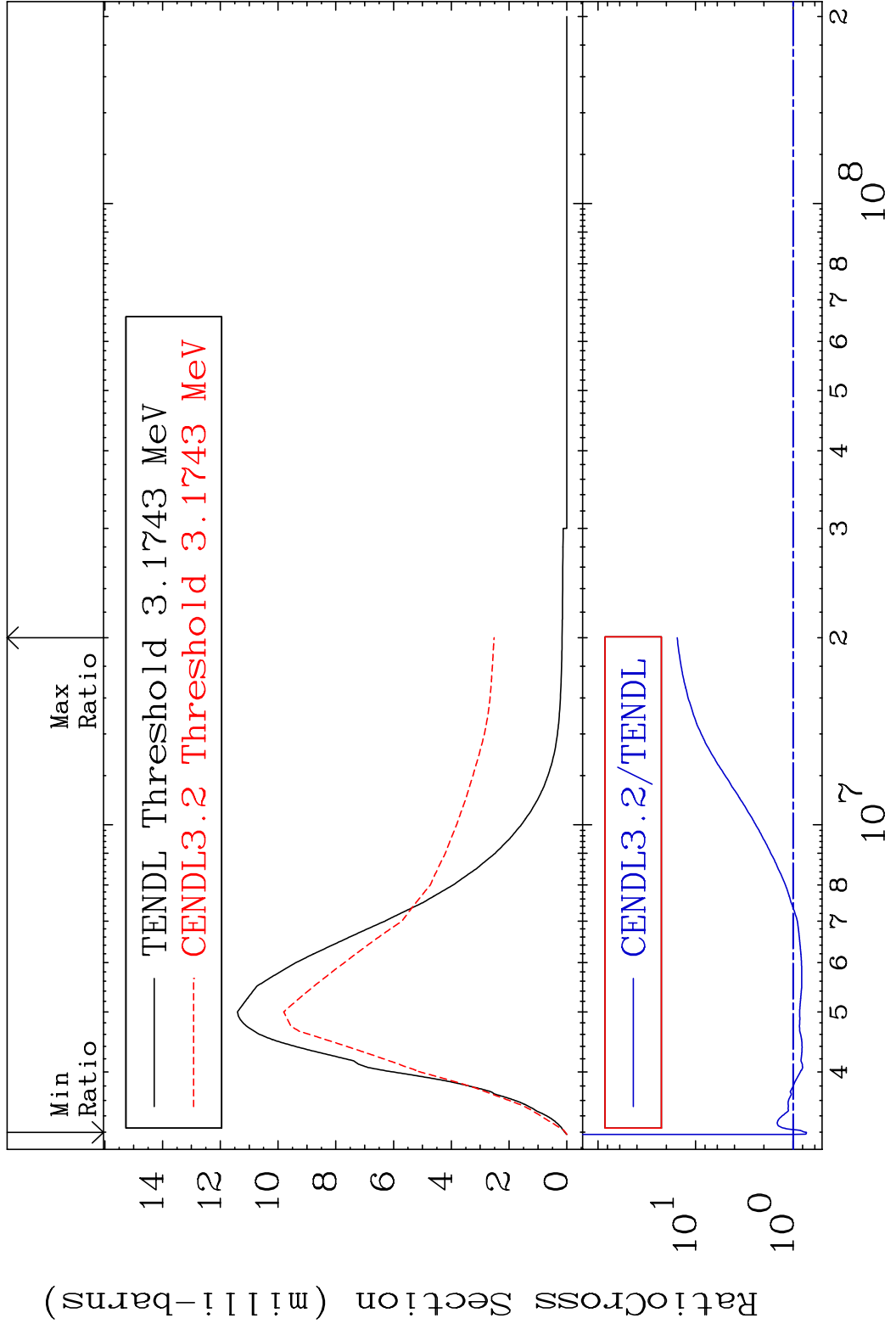


10 Incident Energy (eV) 24-Cr-52

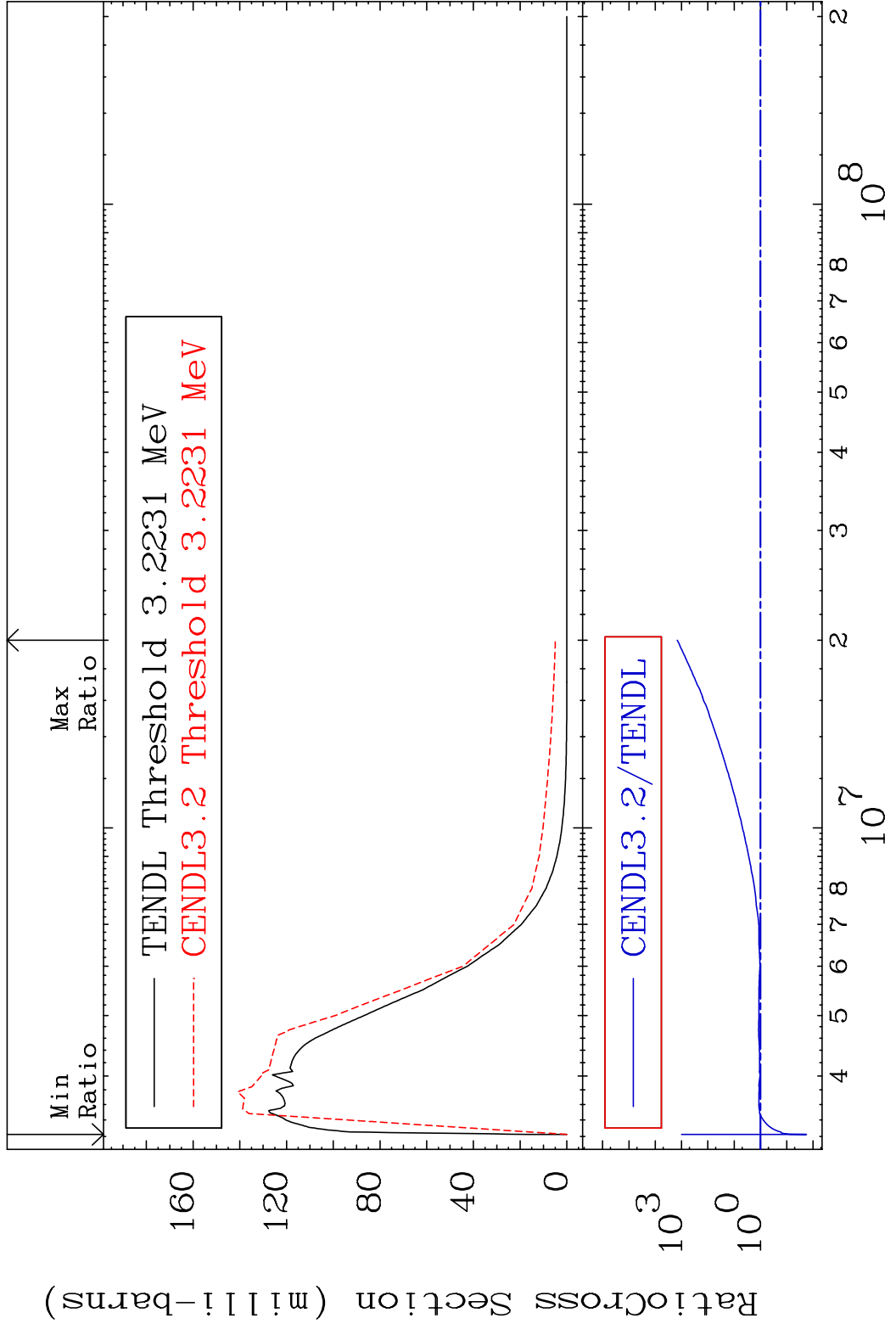
MAT 2431 MT= 55 (n,n') Level 24-Cr-52
 Cross Section -100.0 To 299.9 %



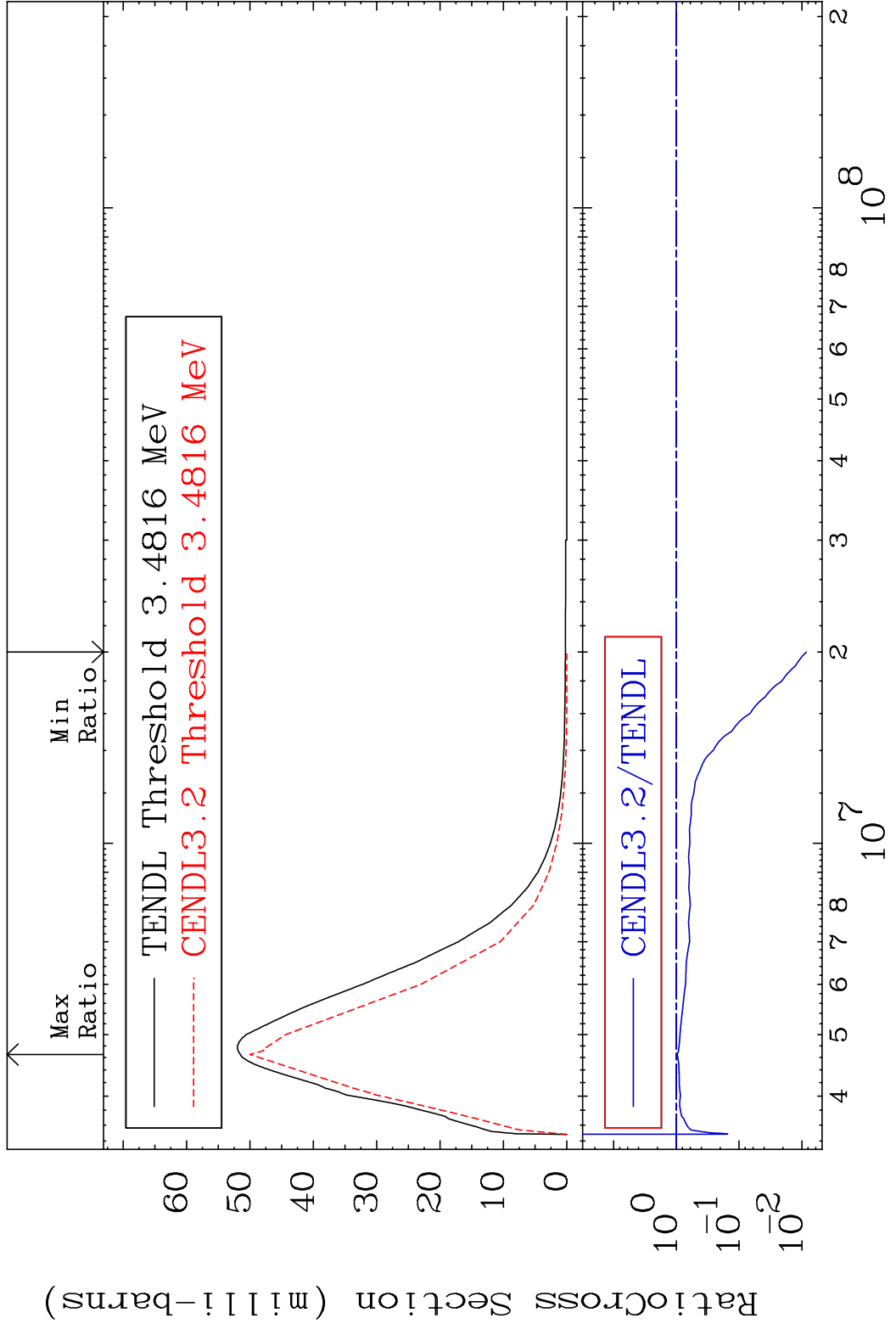
MAT 2431 MT= 56 (n,n') Level 24-Cr-52
 Cross Section -26.83 To 1446. %



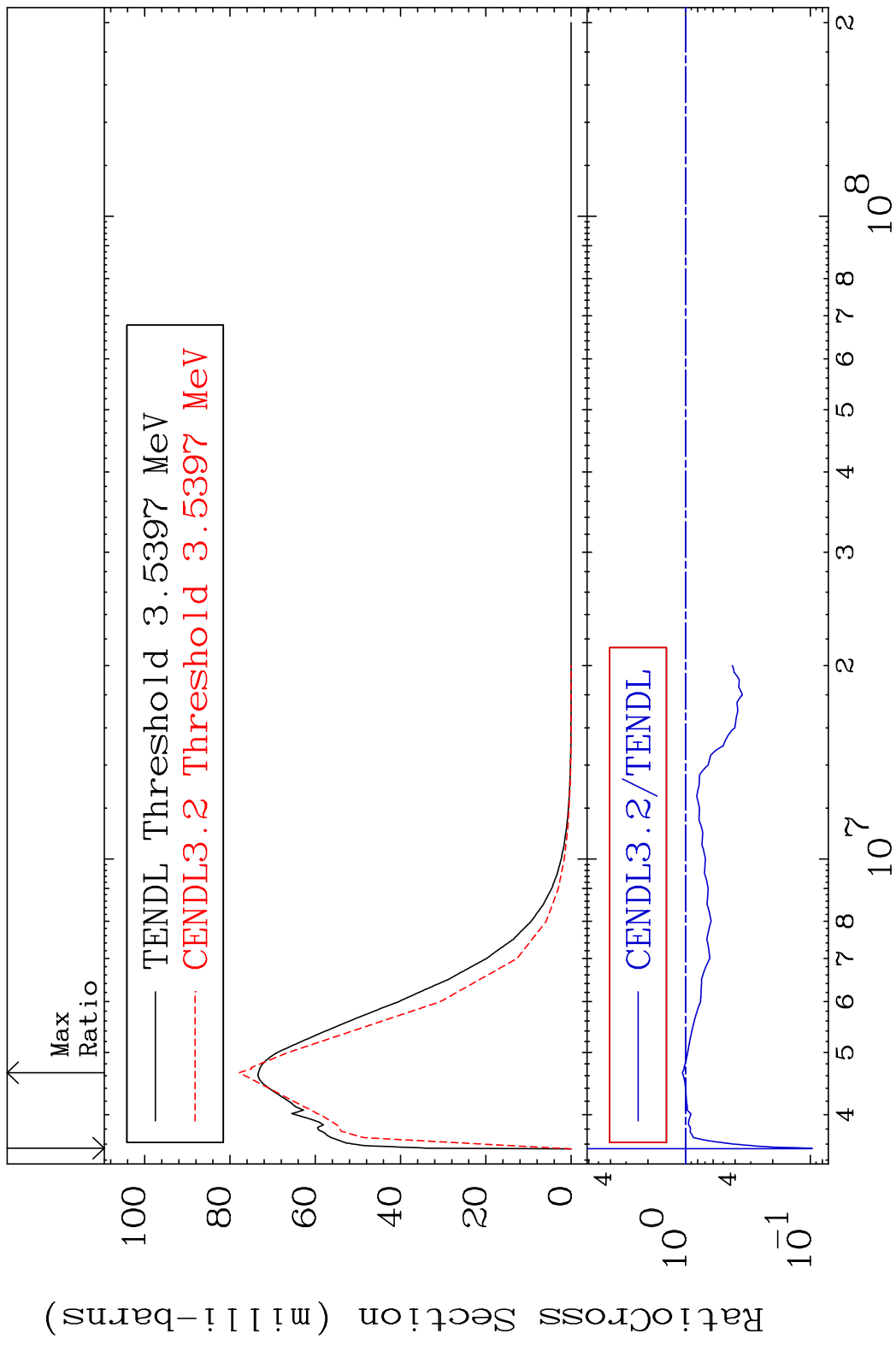
MAT 2431 MT= 57 (n, n') Level 24-Cr-52
 Cross Section -98.20 To 9999. %



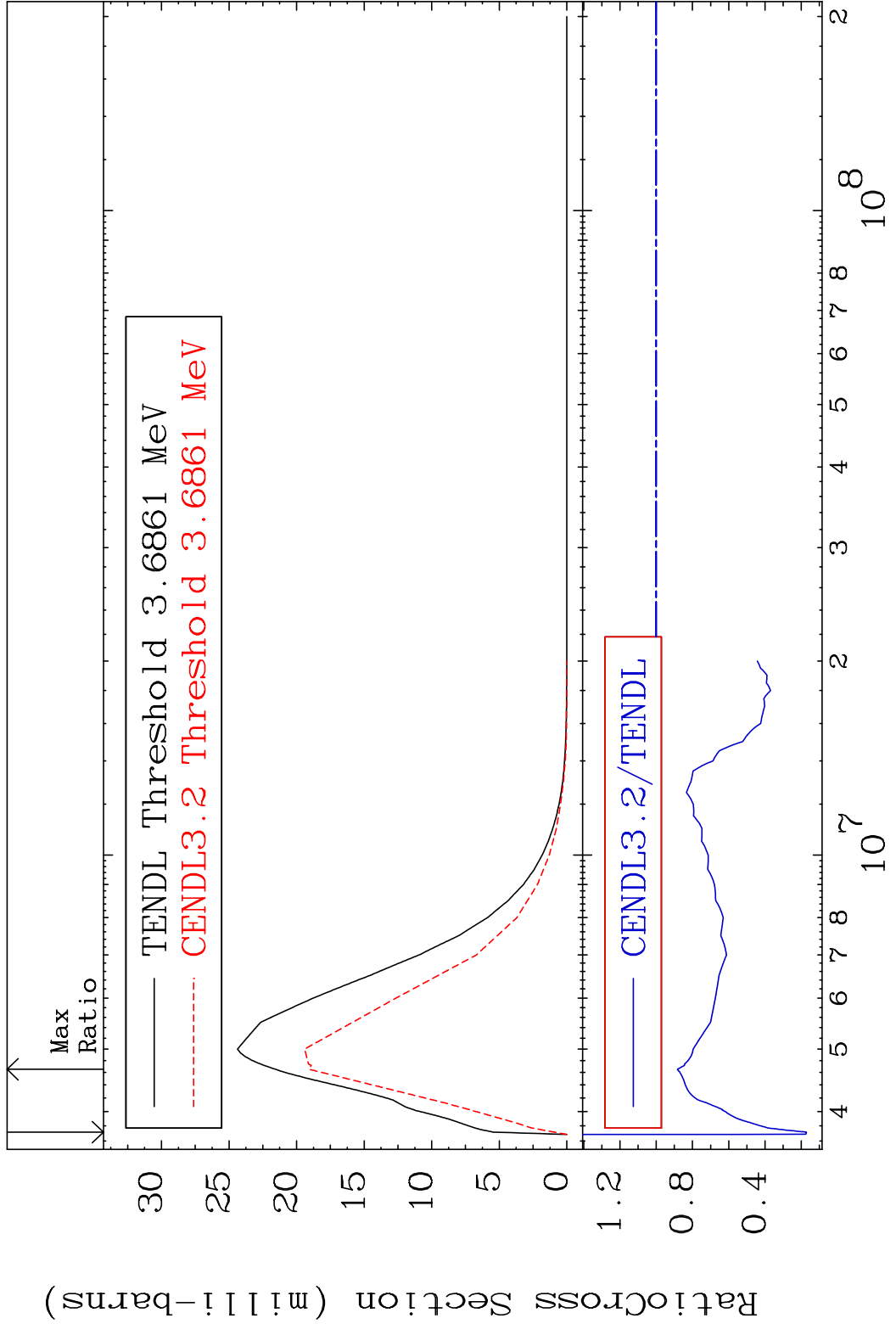
MAT 2431 MT= 58 (n, n') Level 24-Cr-52
 Cross Section -99.15 To -2.950%



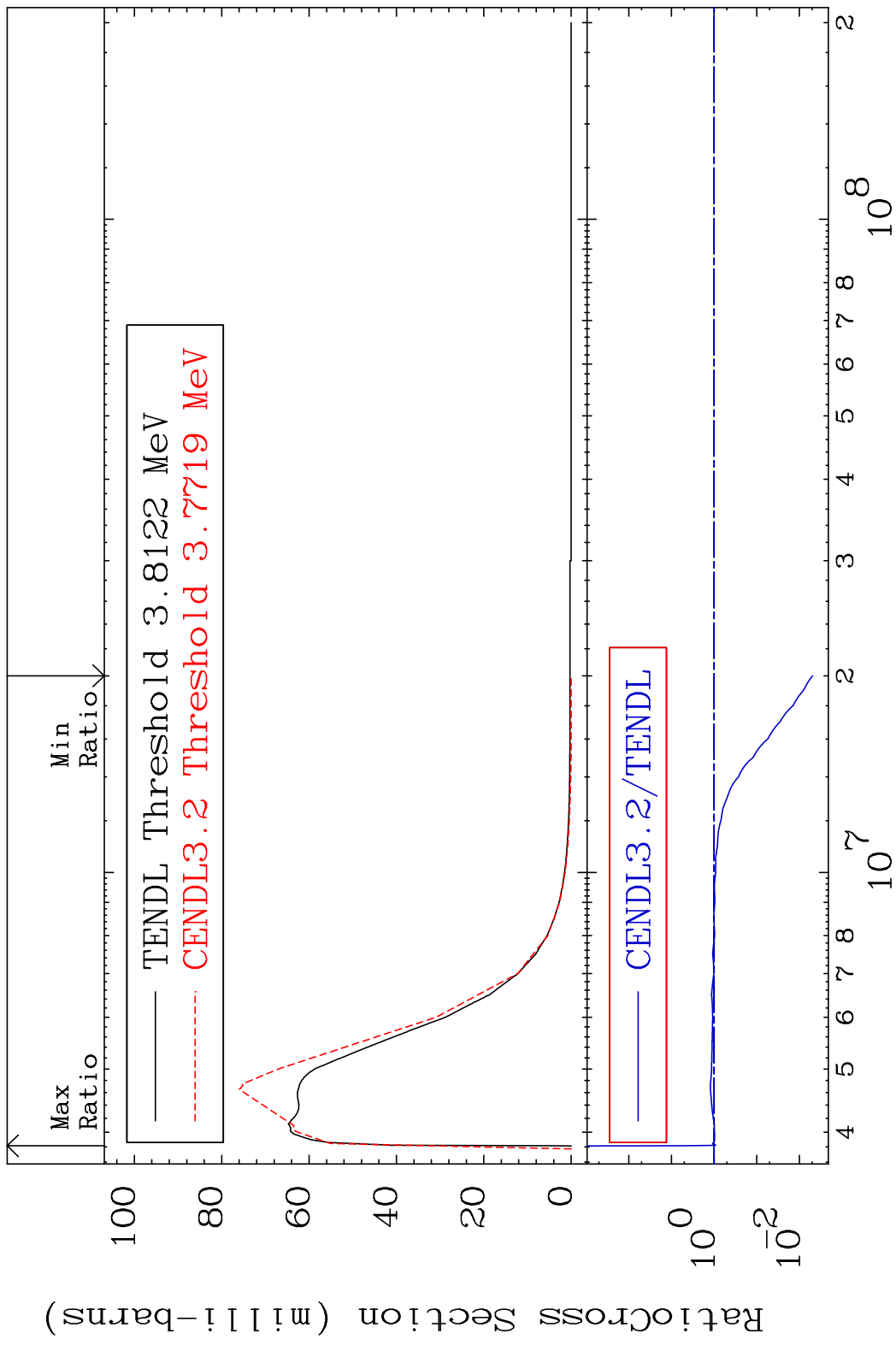
MAT 2431 MT= 59 (n, n') Level 24-Cr-52
 Cross Section -90.42 To 6.138 %



MAT 2431 MT= 60 (n,n') Level 24-Cr-52
 Cross Section -82.82 To -11.56%



MAT 2431 MT= 61 (n,n') Level 24-Cr-52
 Cross Section -99.51 To 452.1 %

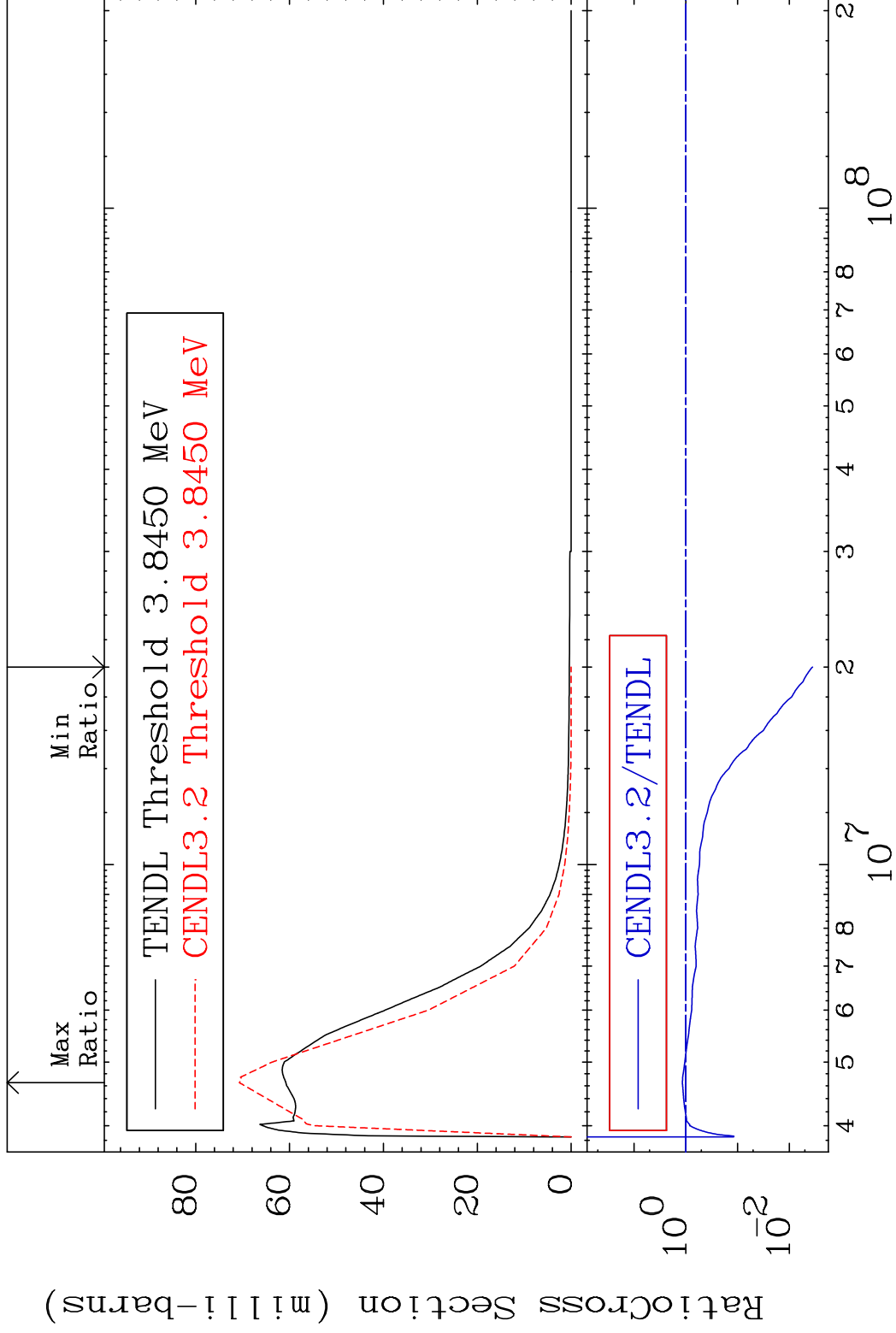


MAT 2431

MT= 62 (n, n') Level

24-Cr-52

Cross Section -99.64 To 16.32 %



18

Incident Energy (eV)

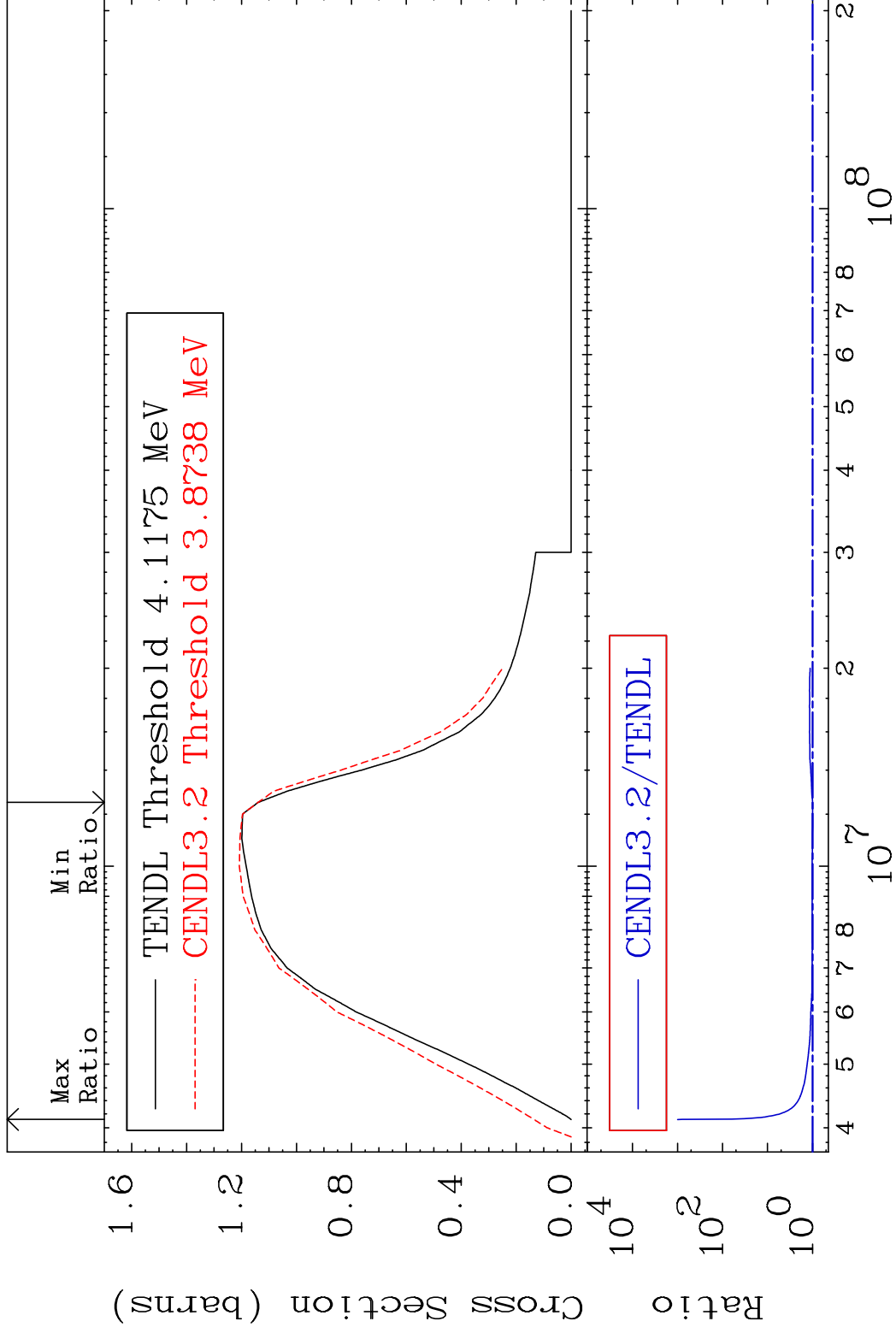
24-Cr-52

MAT 2431

(n, n') Continuum

²⁴Cr-52

Cross Section 0.016 To 9999. %

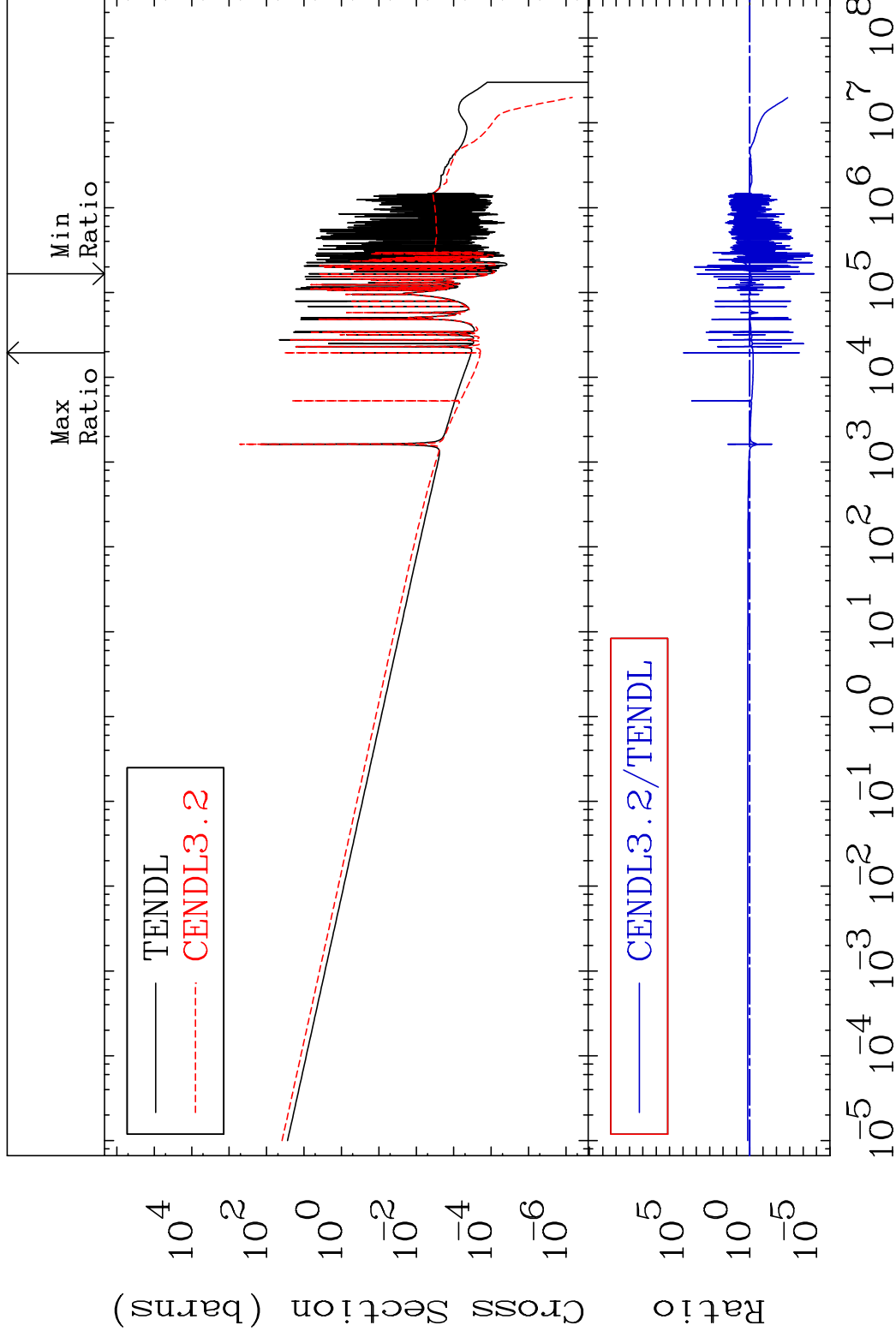


MAT 2431

(n, γ)

24-Cr-52

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

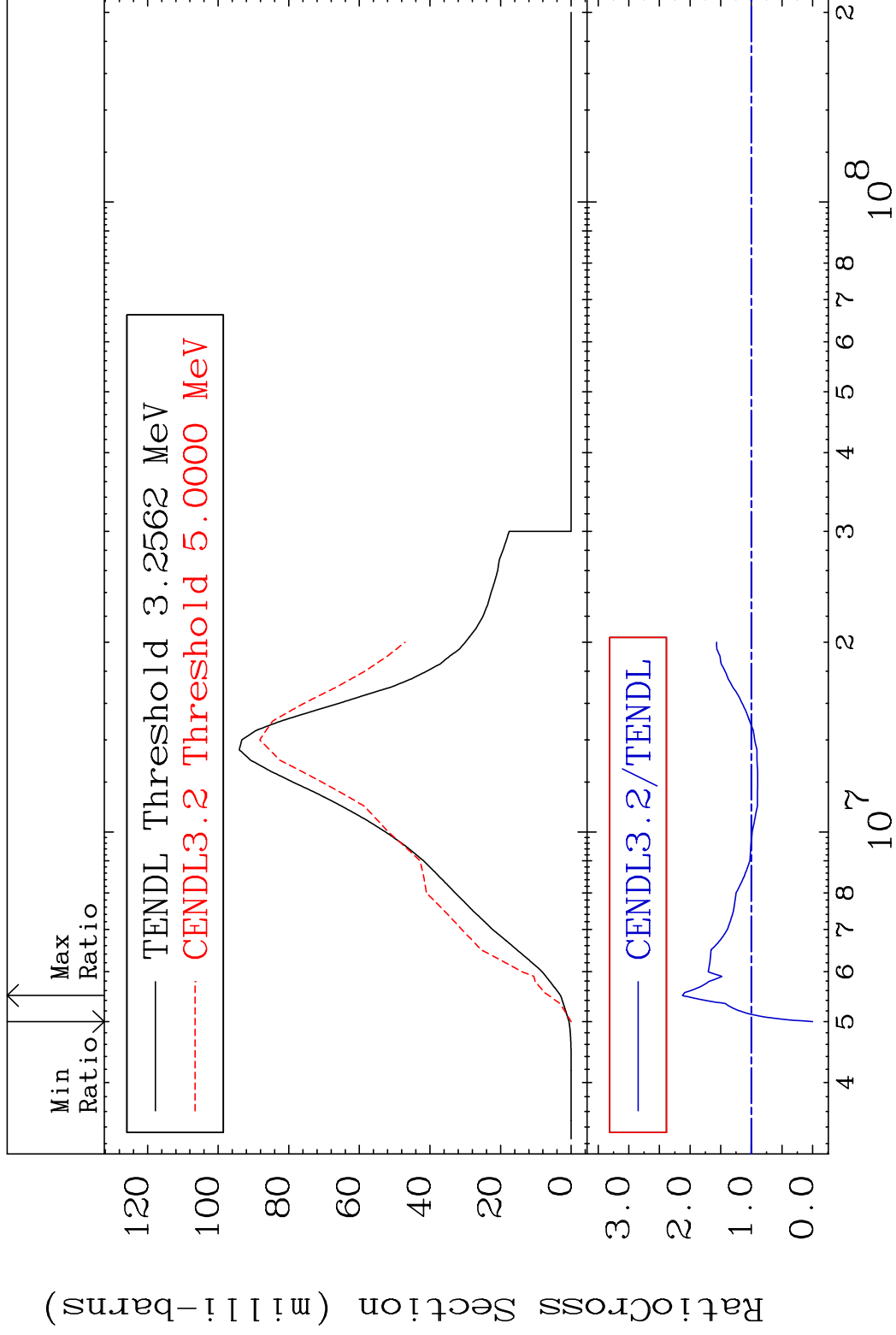
24-Cr-52

MAT 2431

(n,p)

²⁴Cr-52

Cross Section -100.0 To 112.6 %



21

Incident Energy (eV)

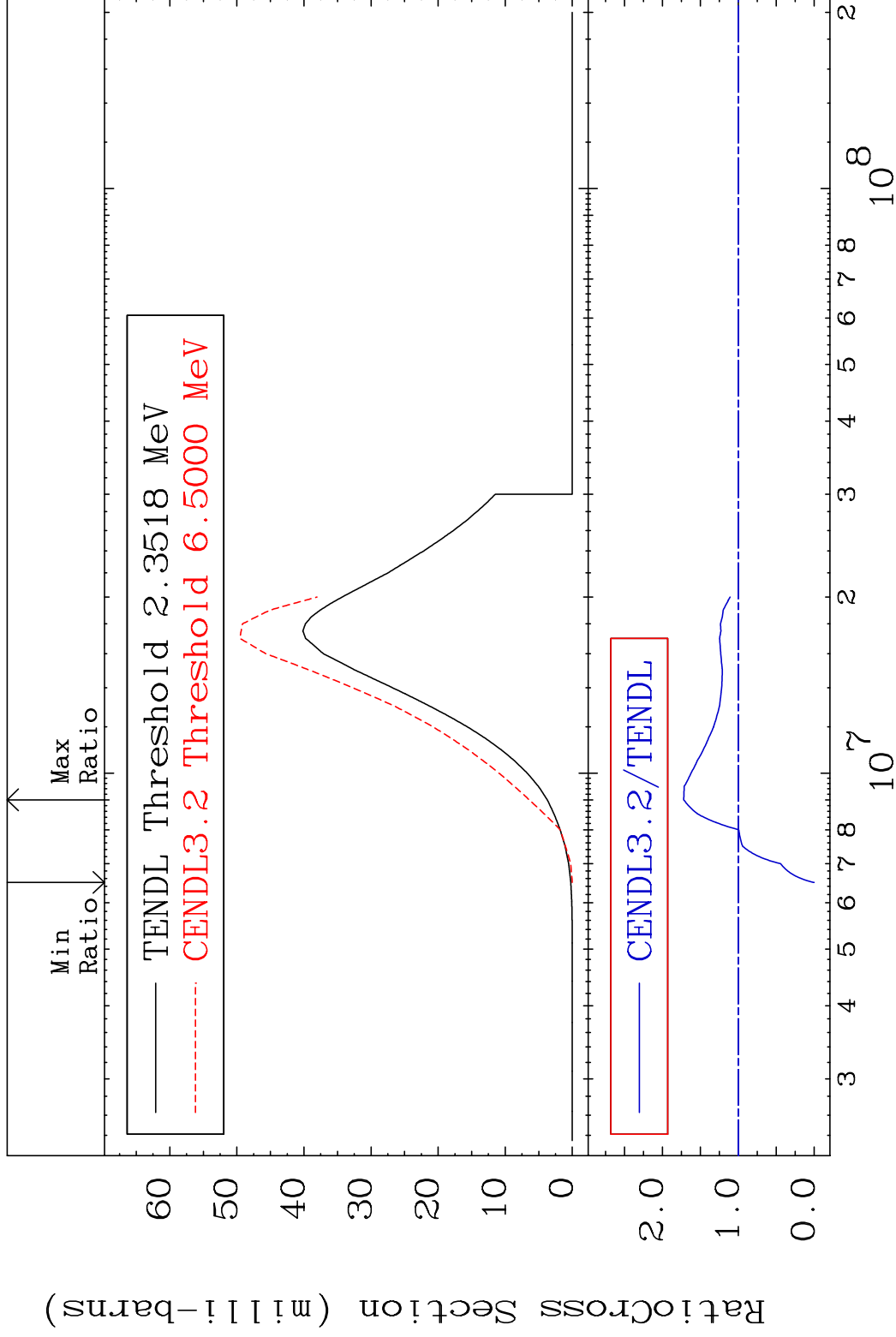
²⁴Cr-52

MAT 2431

(n, α)

24-Cr-52

Cross Section -100.0 To 72.05 %



22

Incident Energy (eV)

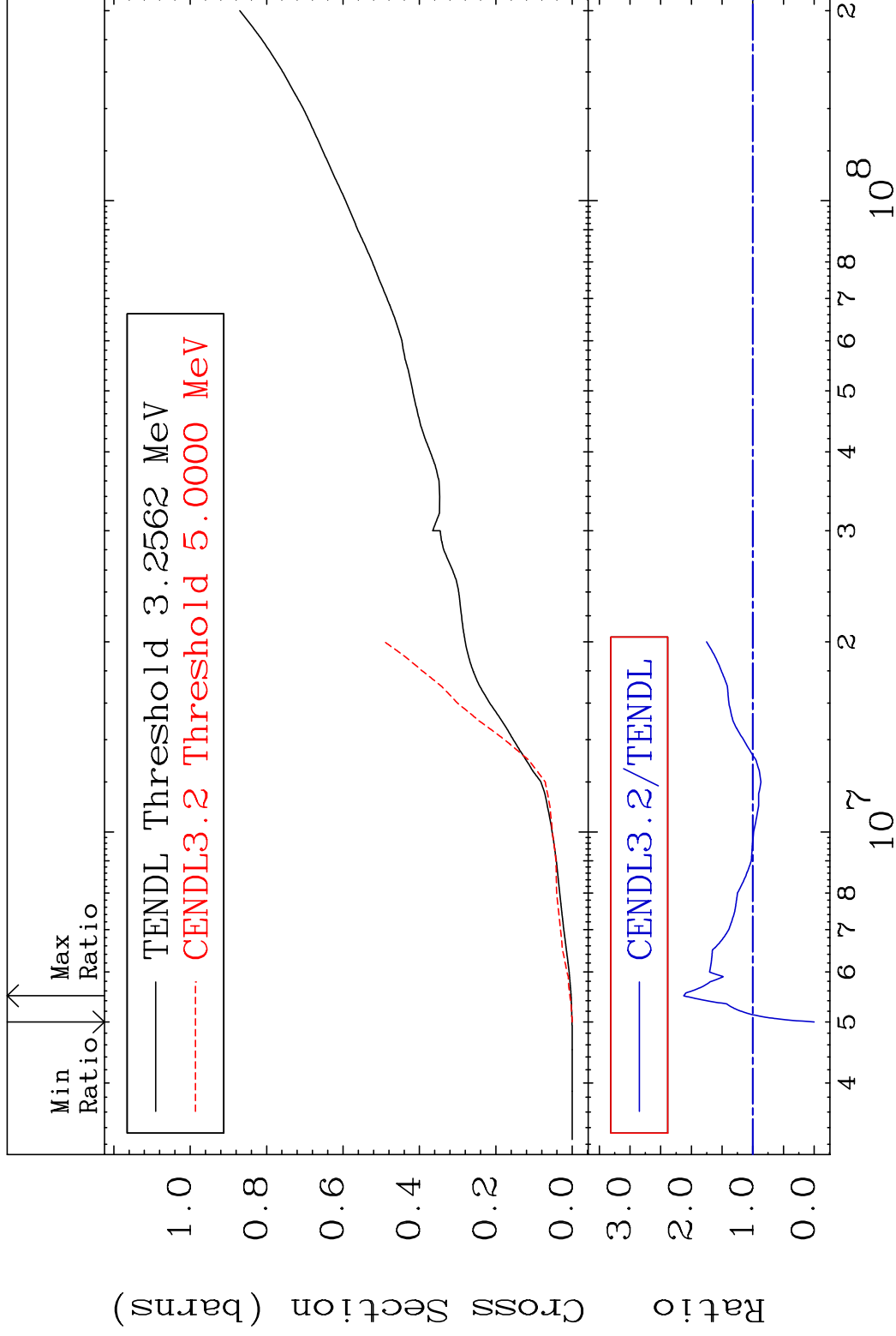
24-Cr-52

MAT 2431

Hydrogen Production

²⁴Cr-52

Cross Section -100.0 To 112.6 %



23

Incident Energy (eV)

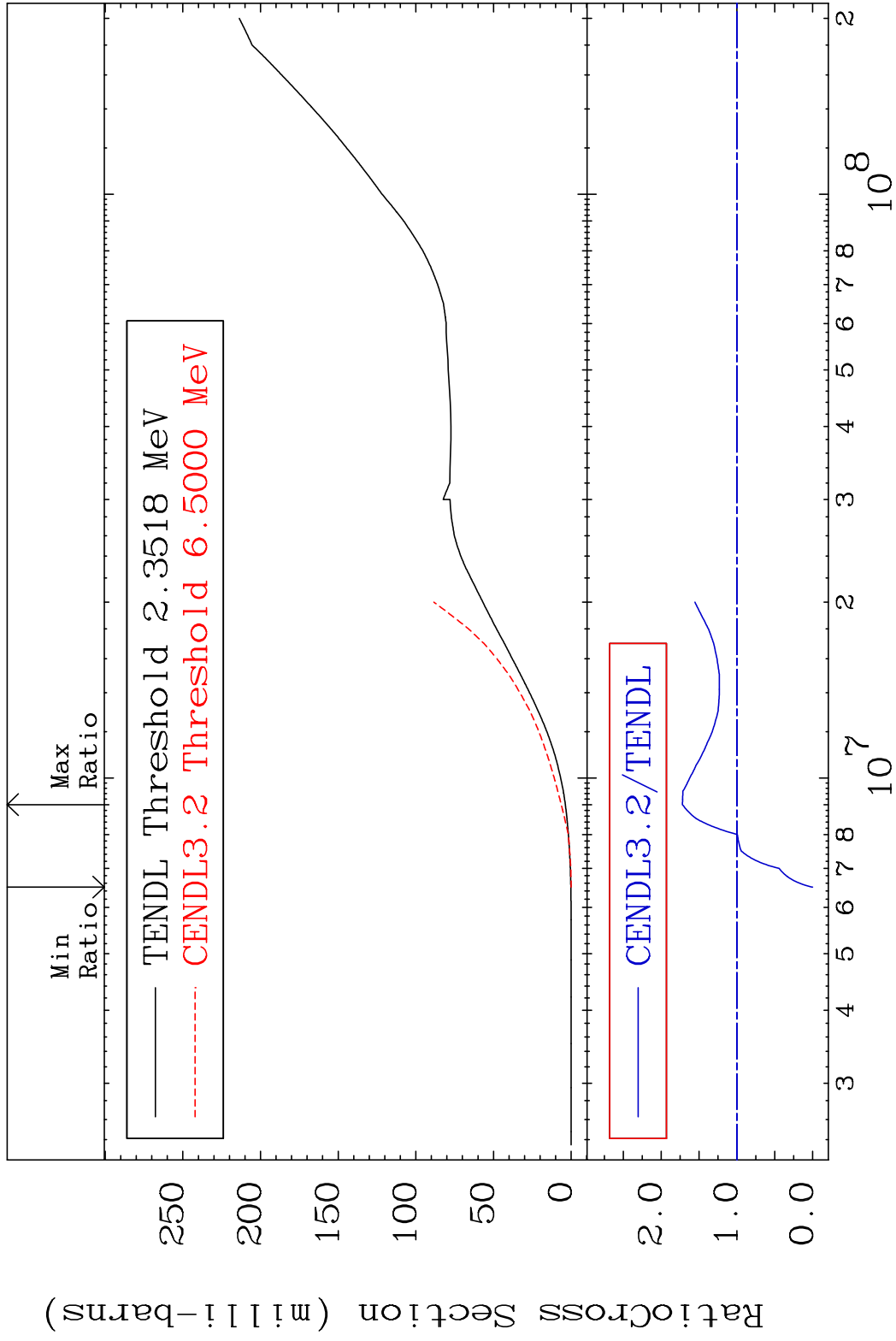
²⁴Cr-52

MAT 2431

He-4 Production

²⁴Cr-52

Cross Section -100.0 To 72.05 %

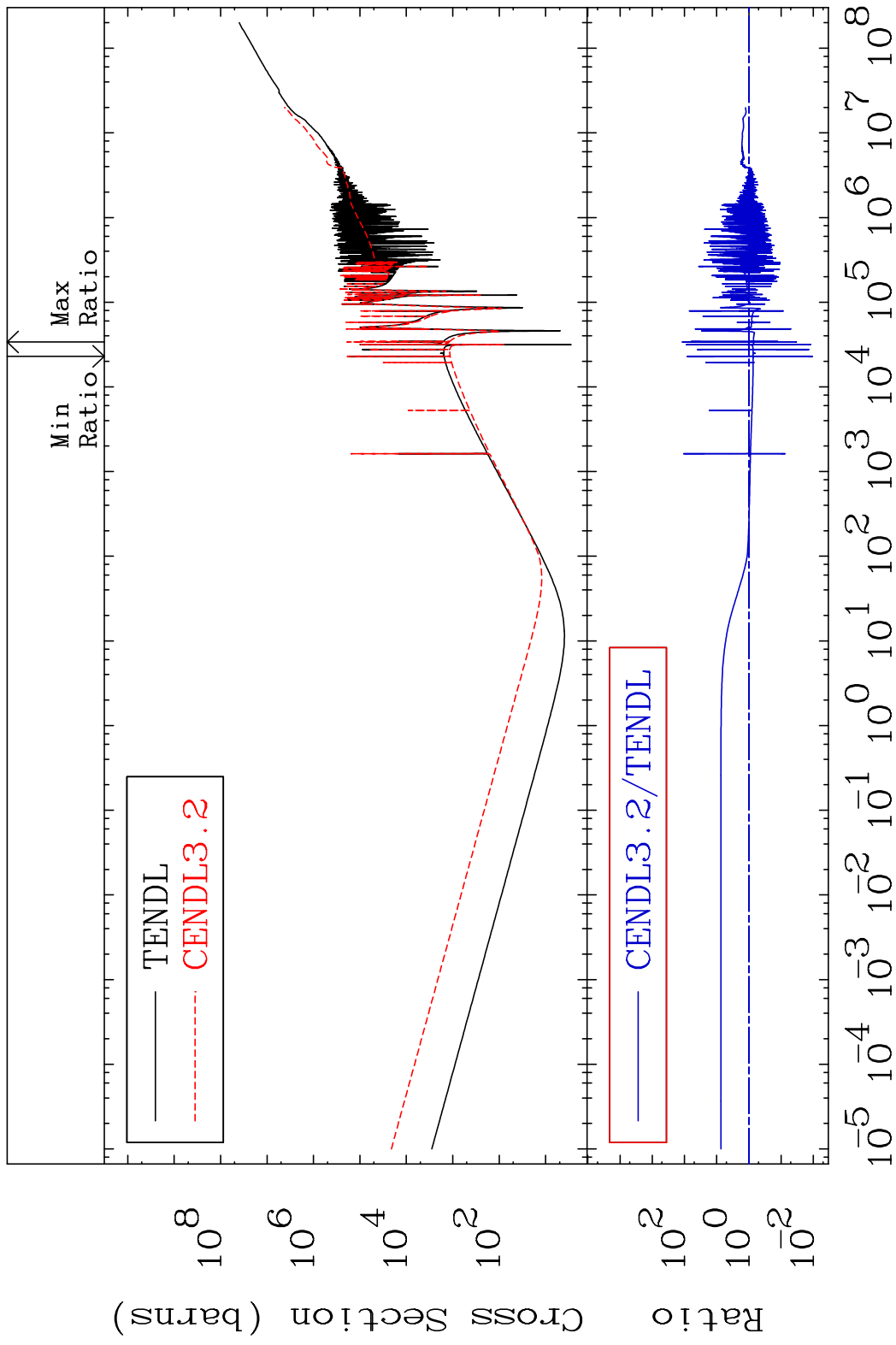


24

Incident Energy (eV)

²⁴Cr-52

MAT 2431 Kerma total (eV-barns) 24-Cr-52
 Cross Section -98.95 To 9999. %



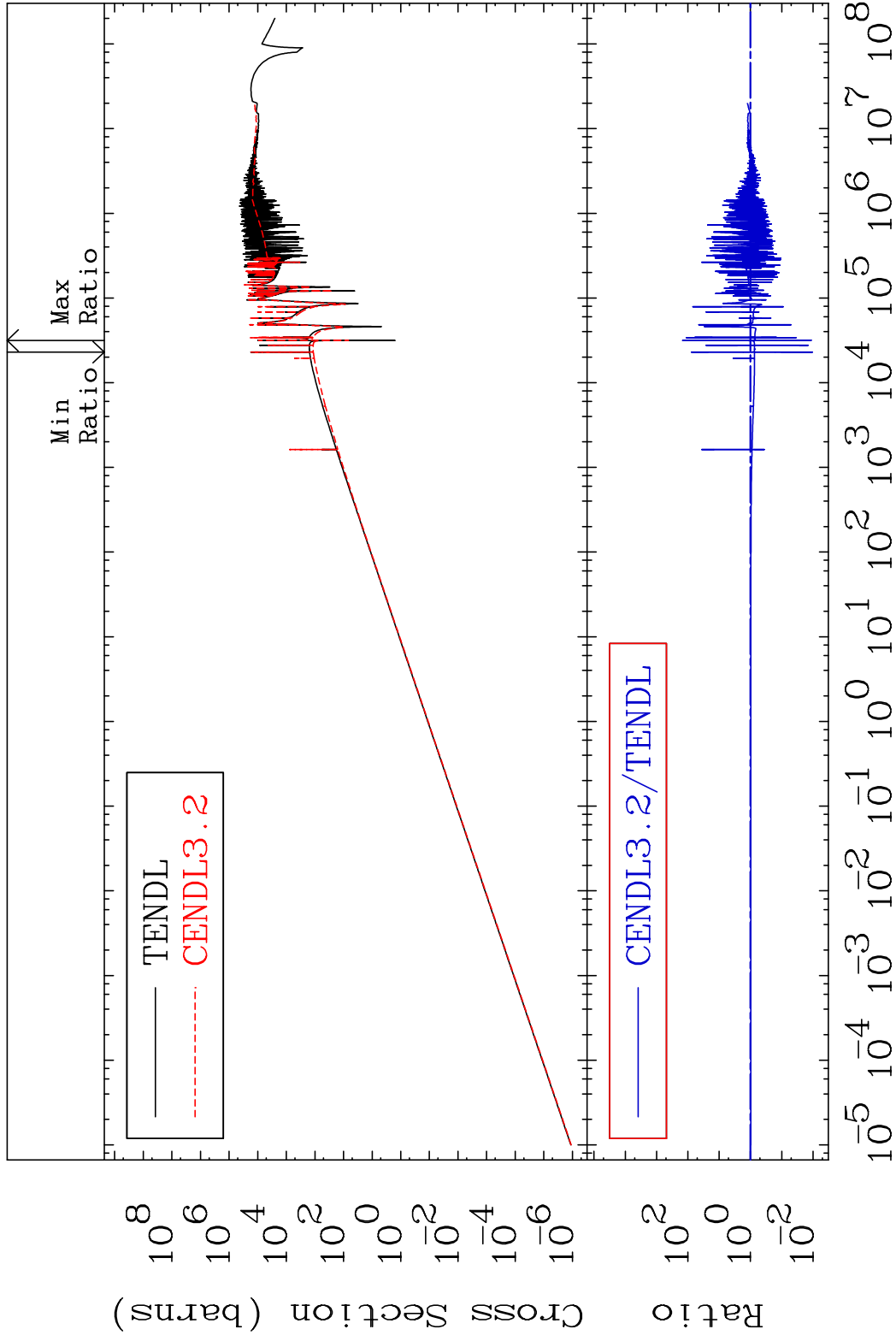
25 Incident Energy (eV) 24-Cr-52

MAT 2431

Kerma elastic

24-Cr-52

Cross Section -98.97 To 9999. %

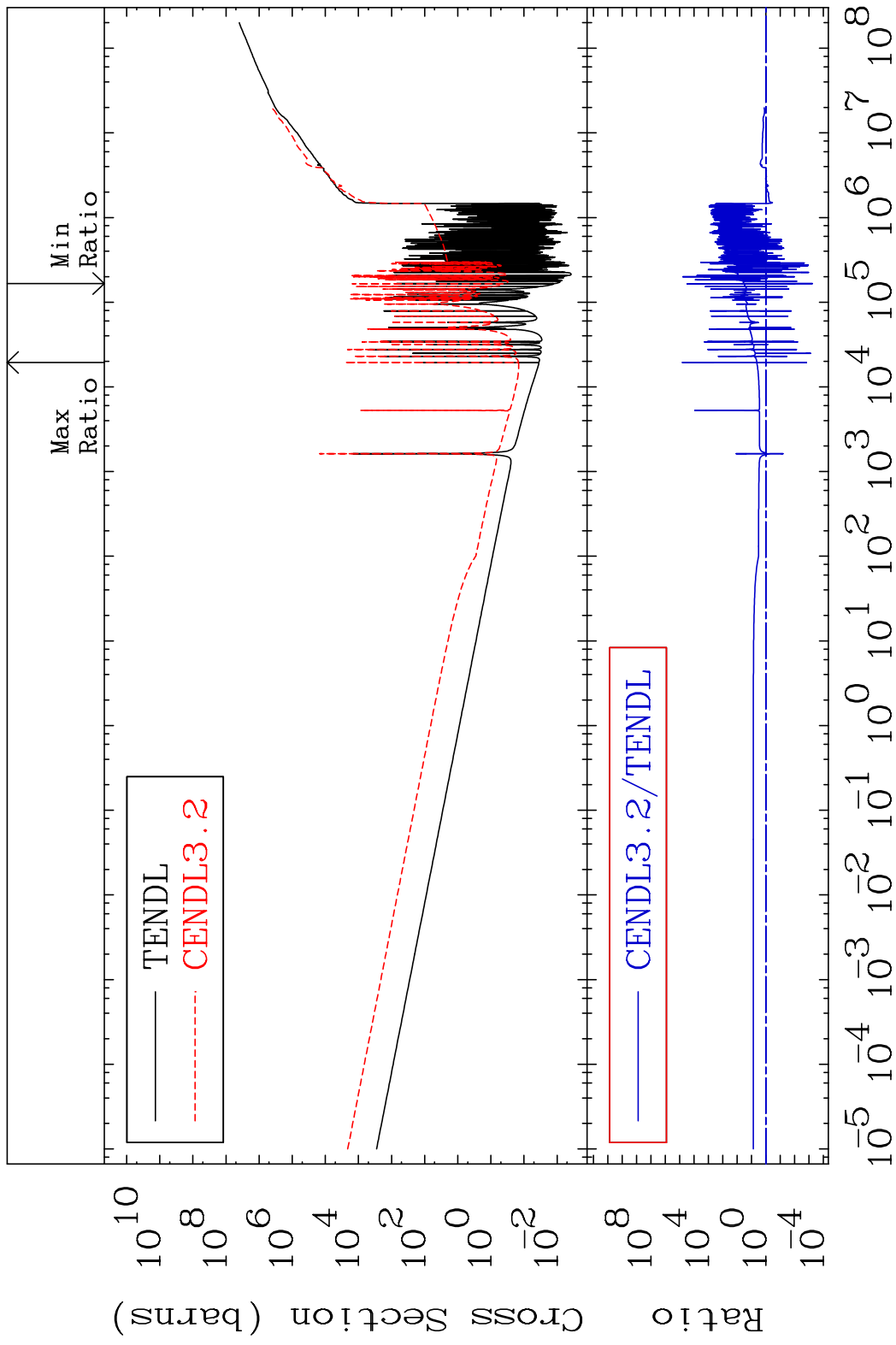


26

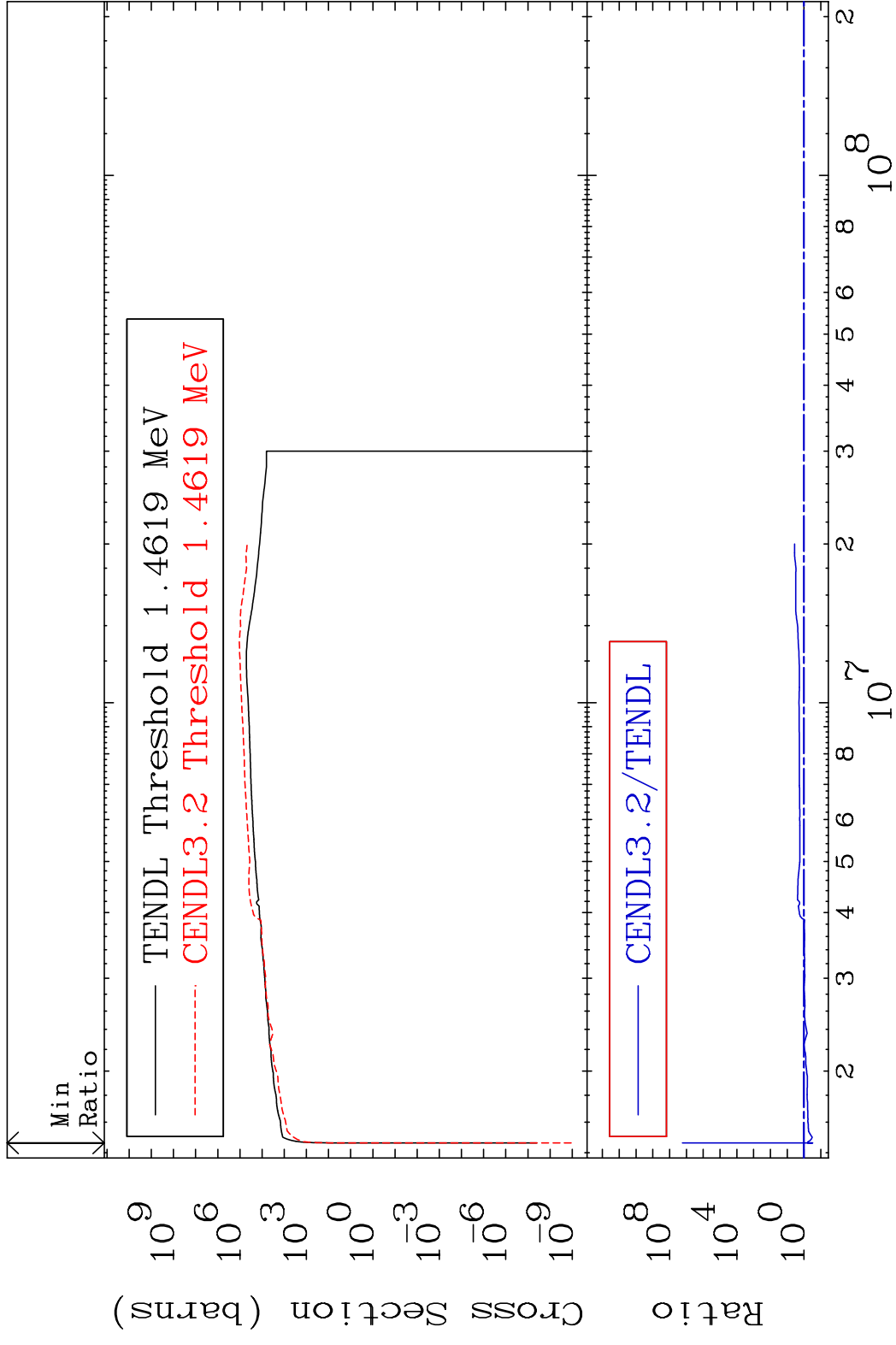
Incident Energy (eV)

24-Cr-52

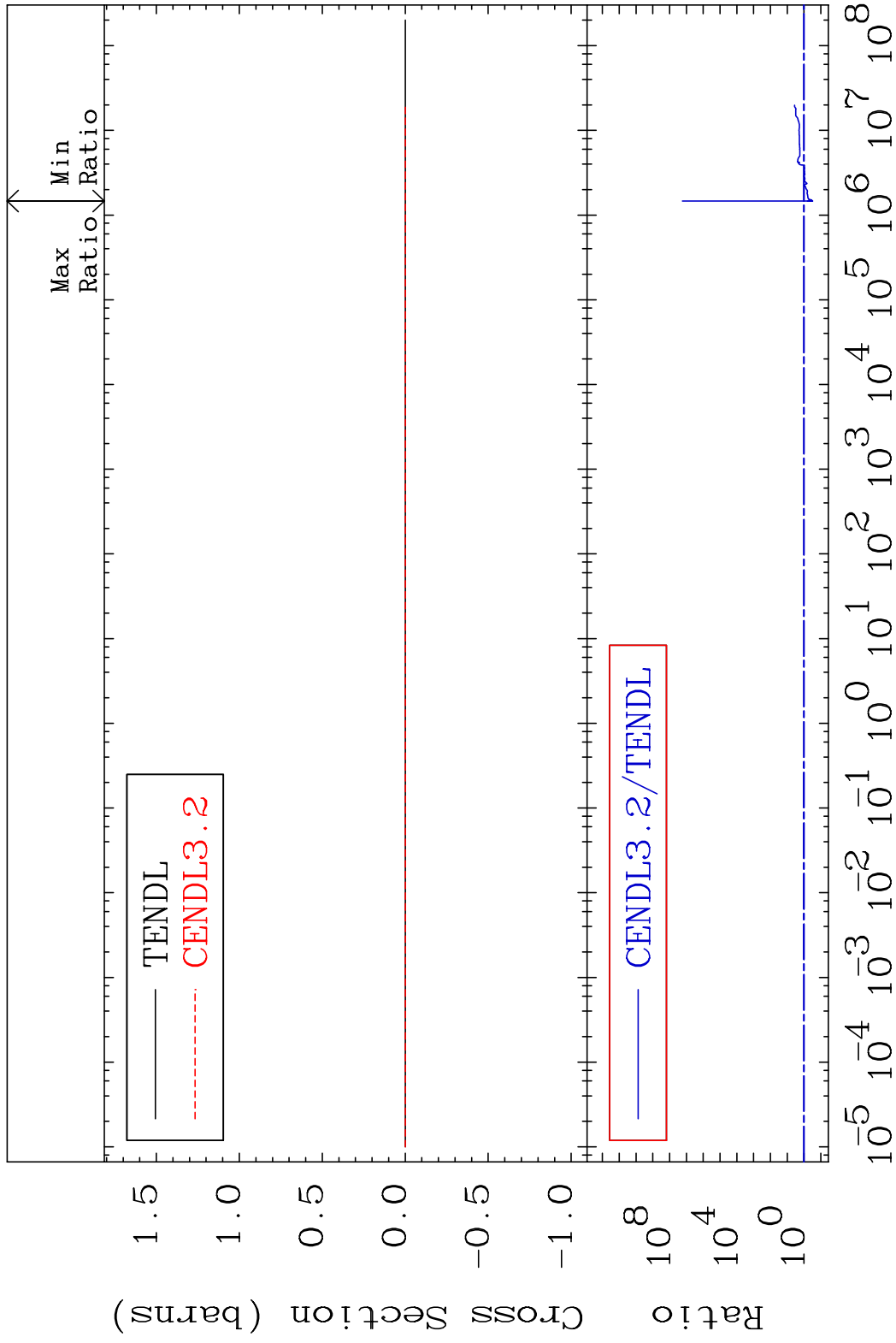
MAT 2431 Kerma non-elastic (all but mt2) 24-Cr-52
 Cross Section -99.94 To 9999. %



MAT 2431 Kerma inelastic (mt51-91) 24-Cr-52
 Cross Section -68.84 To 9999. %



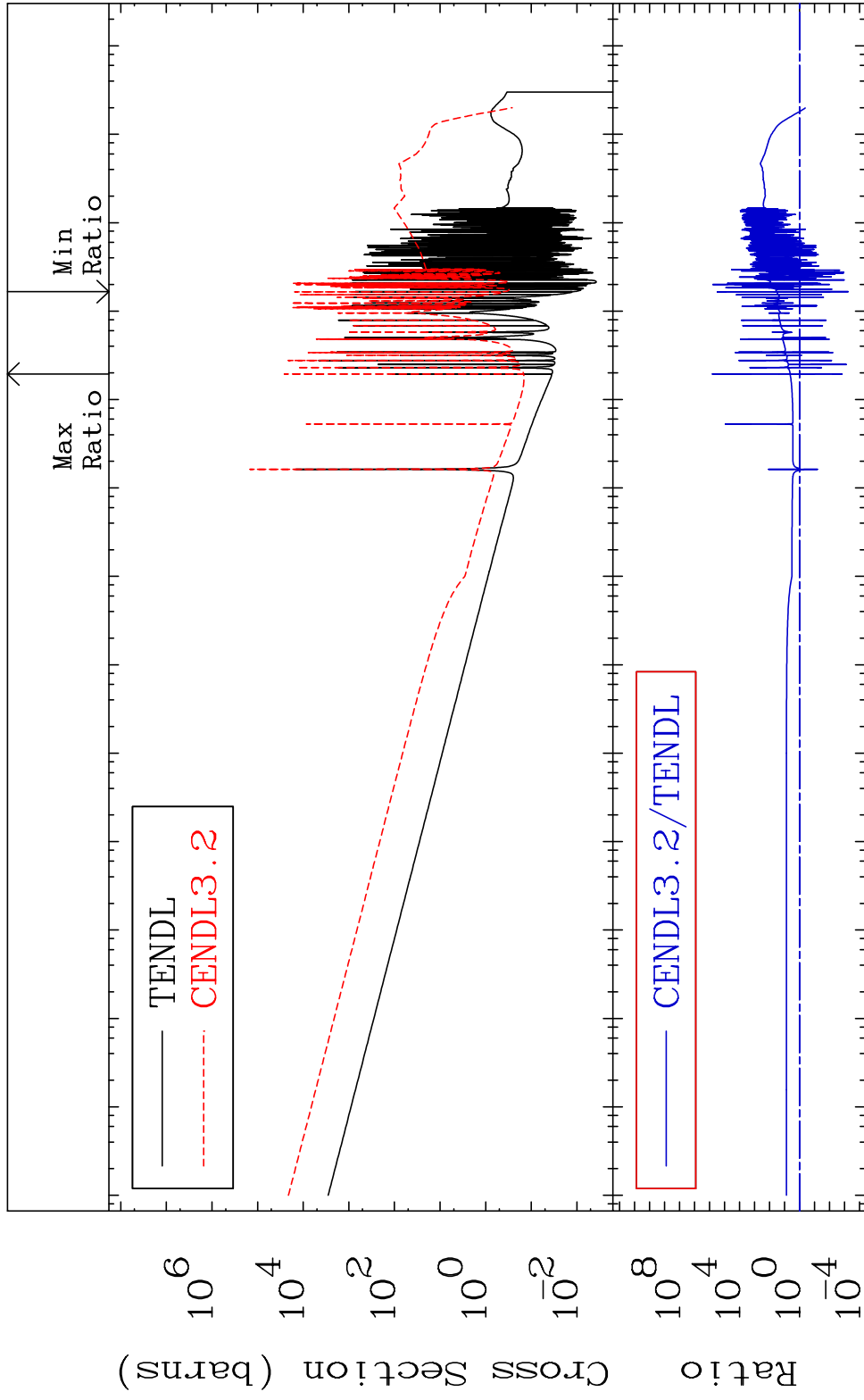
MAT 2431 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-52
 Cross Section -68.84 To 9999. %



MAT 2431

Kerma capture (mt102) 24-Cr-52

Cross Section -99.94 To 9999. %

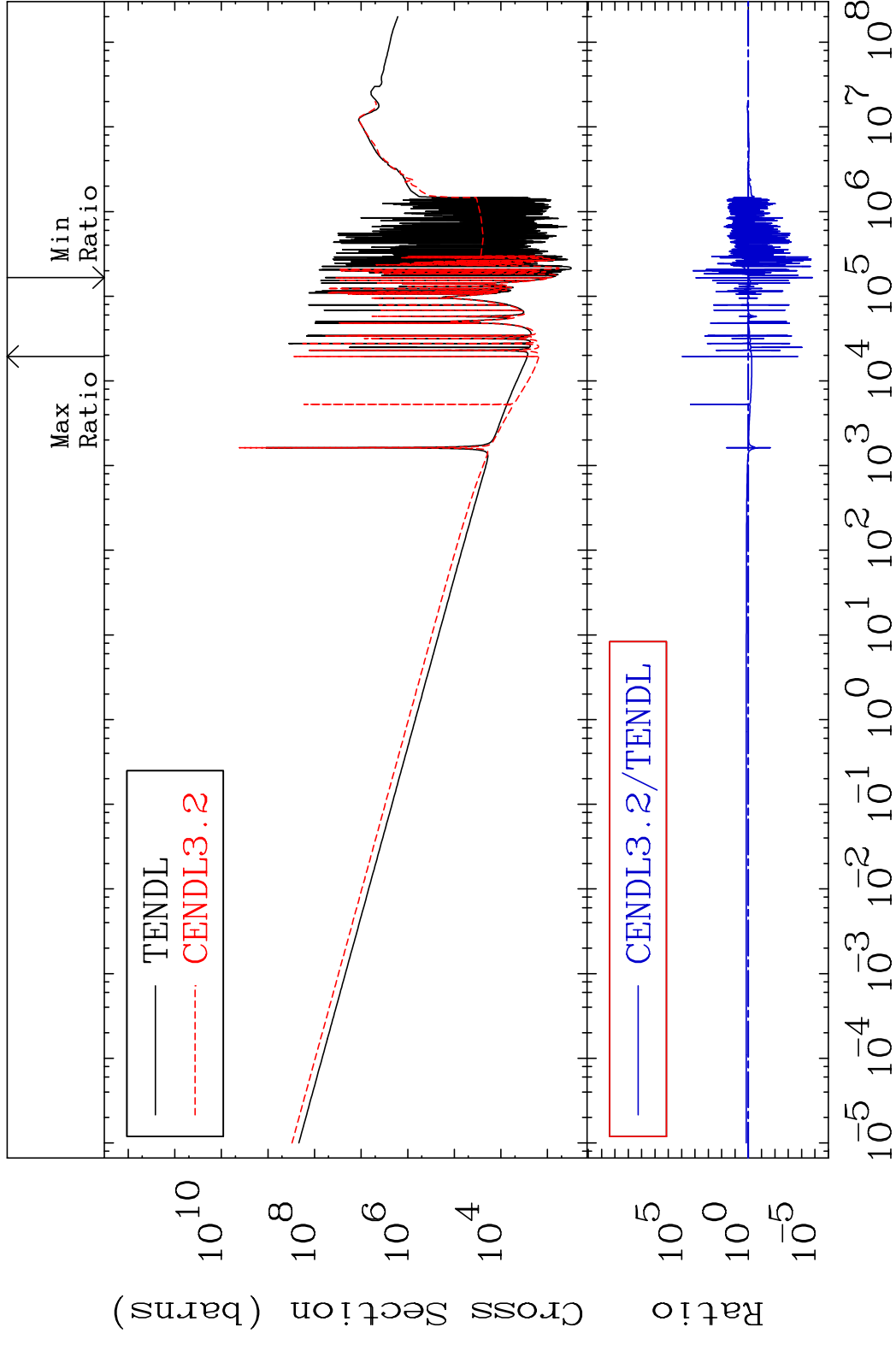


30

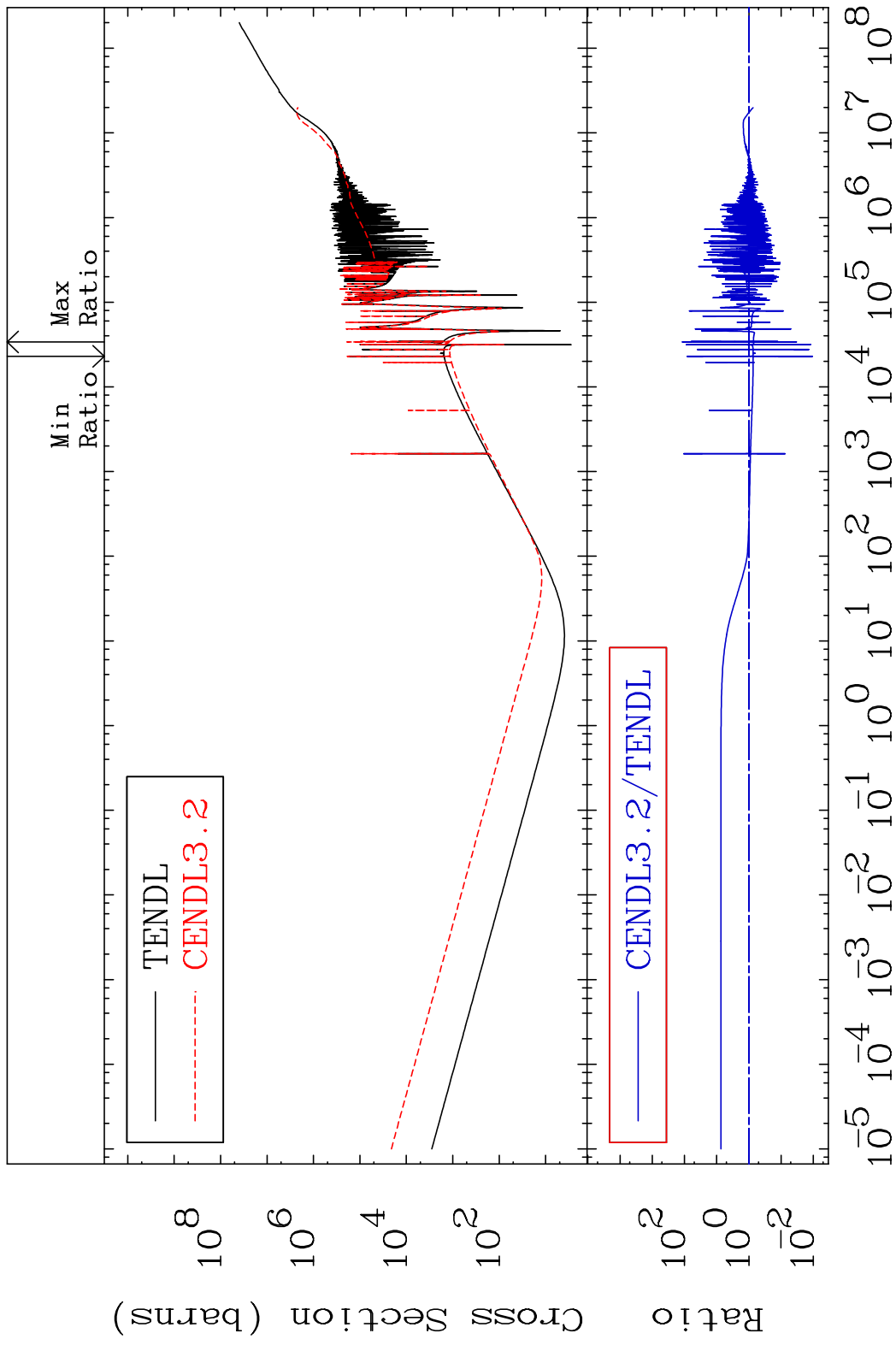
Incident Energy (eV)

24-Cr-52

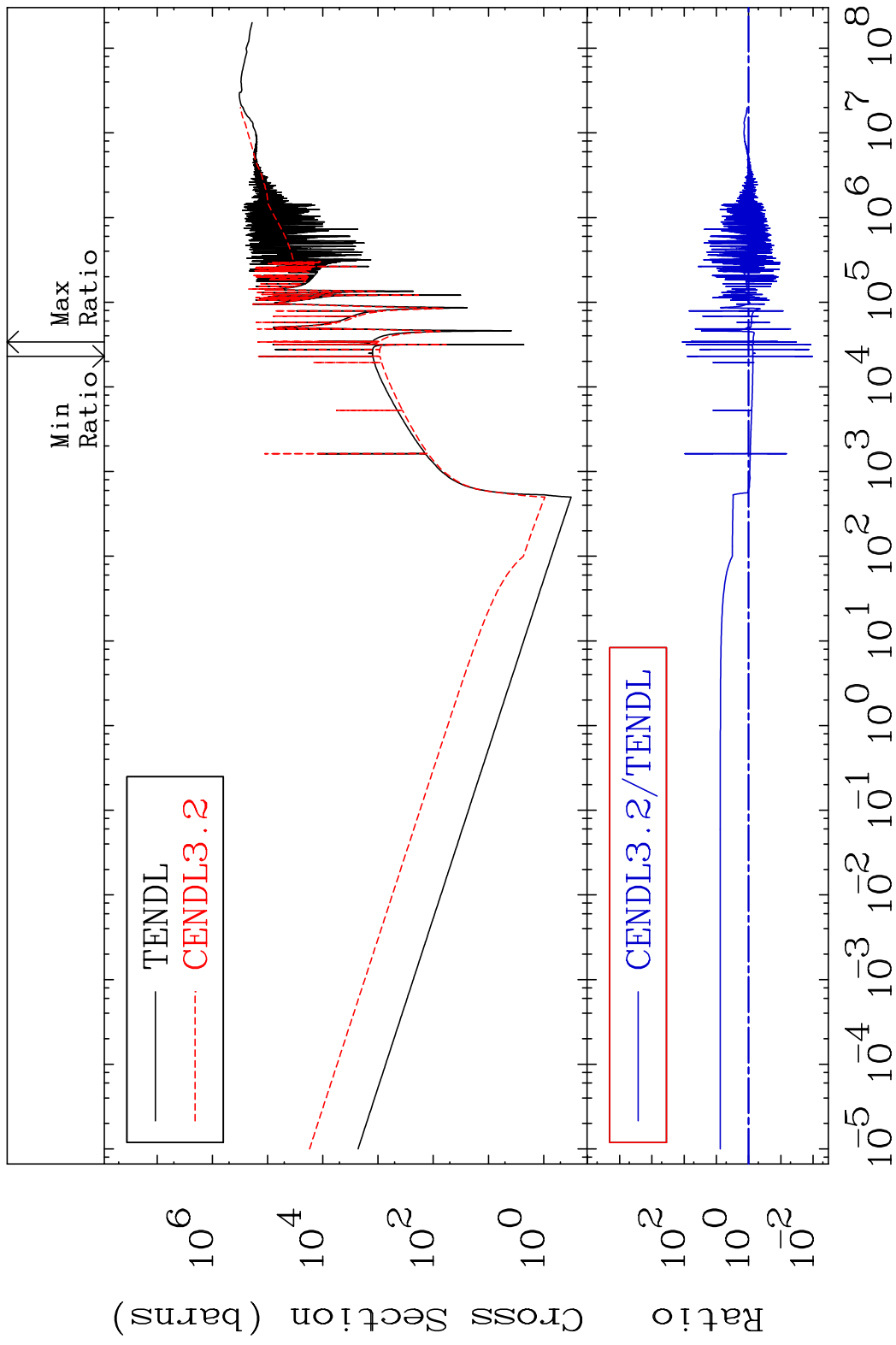
MAT 2431 Total photon (eV-barns) 24-Cr-52
 Cross Section -100.0 To 9999. %



MAT 2431 Total kinematic kerma (high limit) 24-Cr-52
 Cross Section -98.95 To 9999. %



MAT 2431 Dpa total (eV-barns) 24-Cr-52
 Cross Section -98.96 To 9999. %



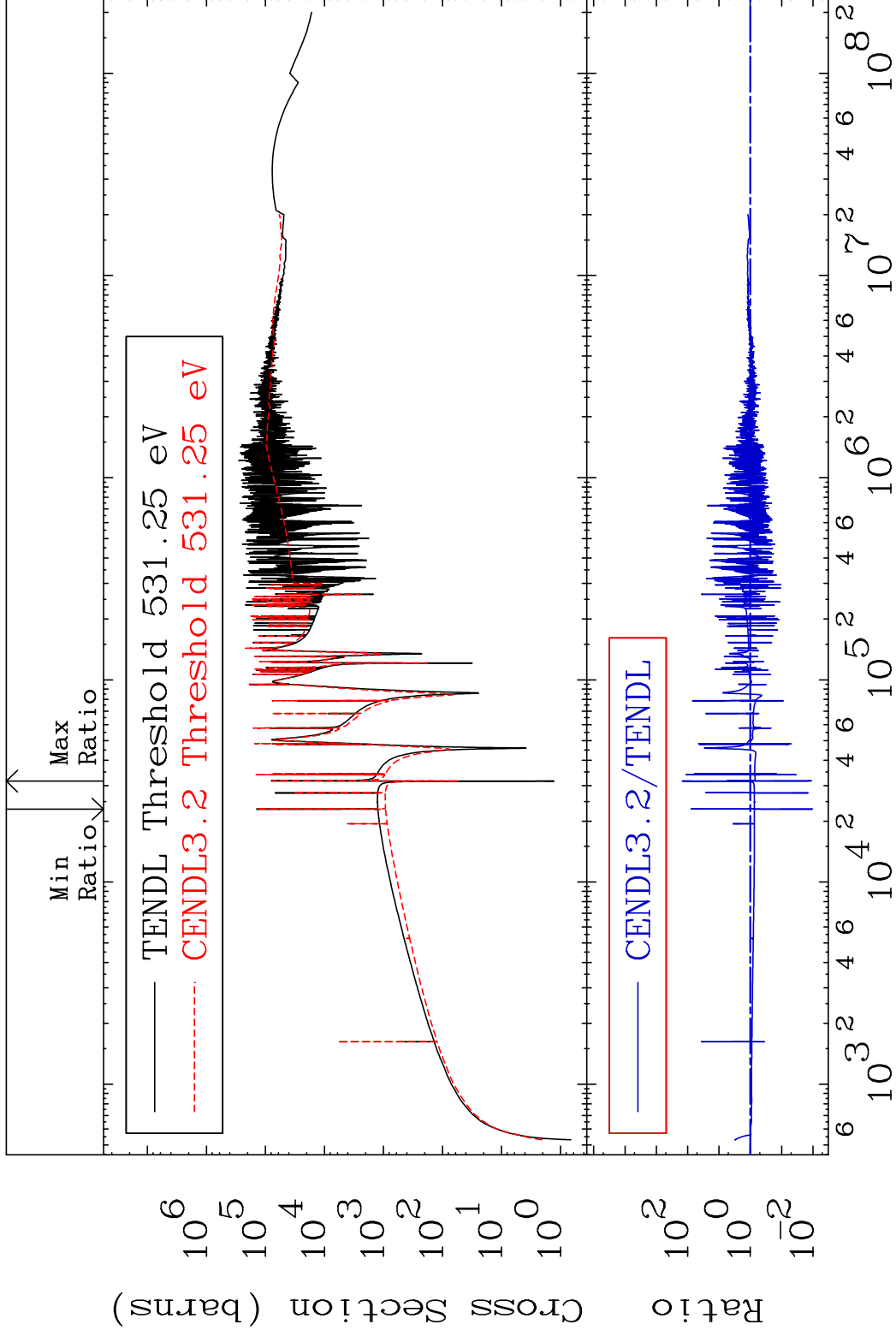
33 Incident Energy (eV) 24-Cr-52

MAT 2431

Dpa elastic (mt2)

24-Cr-52

Cross Section -98.97 To 9999. %

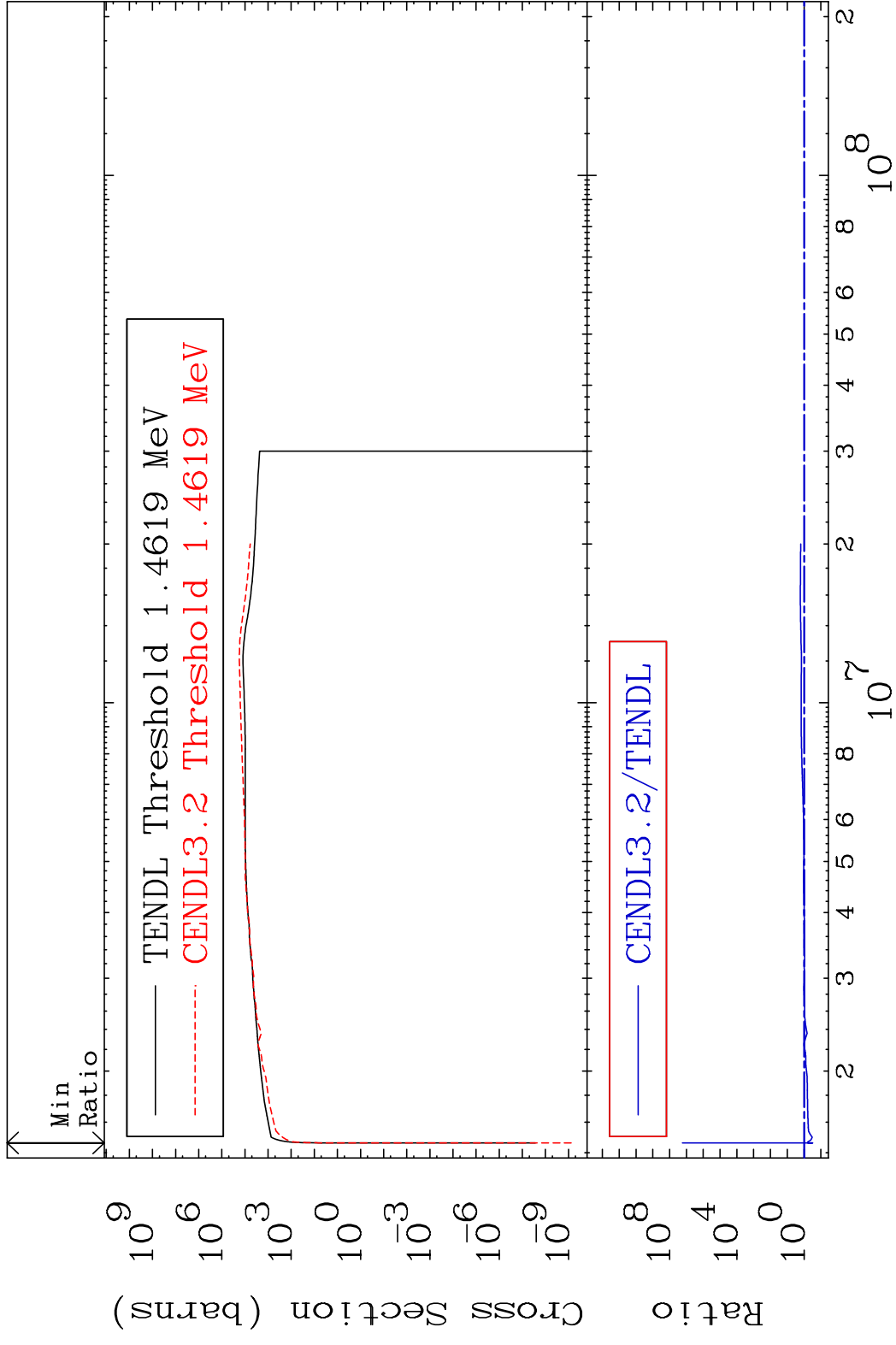


34

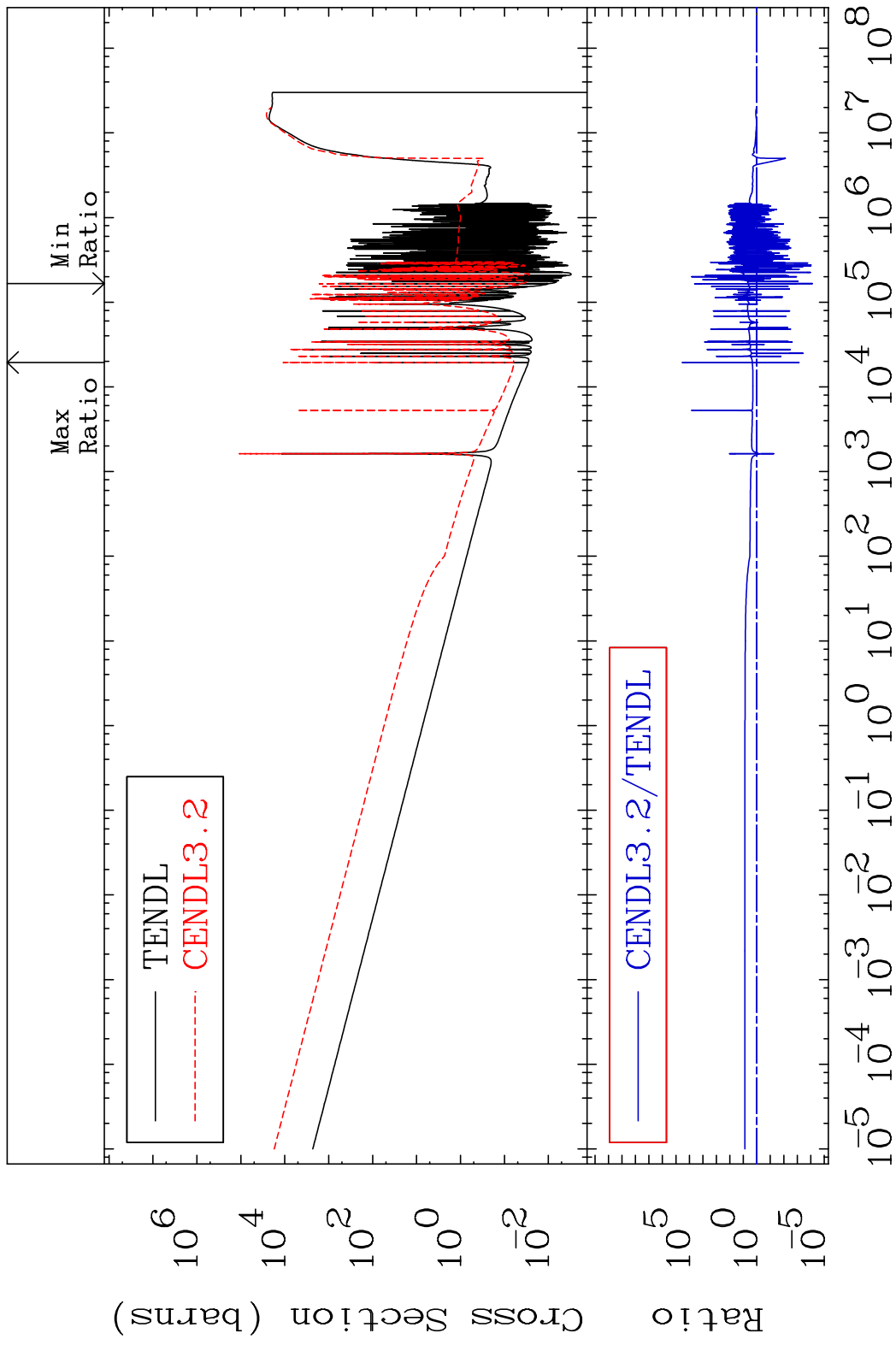
Incident Energy (eV)

24-Cr-52

MAT 2431 Dpa inelastic (mt51-91) 24-Cr-52
 Cross Section -68.81 To 9999. %



MAT 2431 Dpa disappearance (mt102 -120) 24-Cr-52
 Cross Section -99.99 To 9999. %

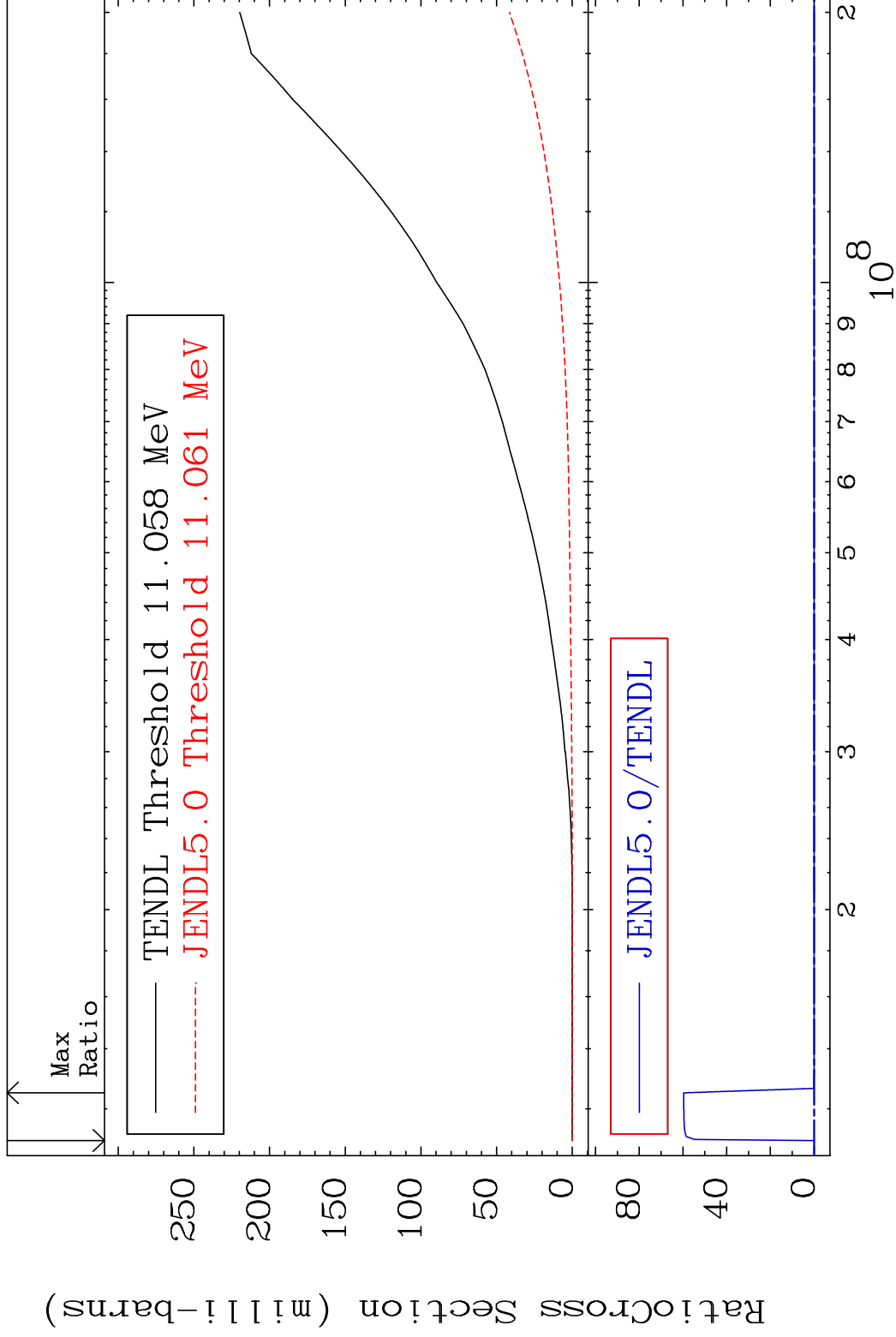


MAT 2431

He-3 Production

²⁴Cr-52

Cross Section -100.0 To 9999. %

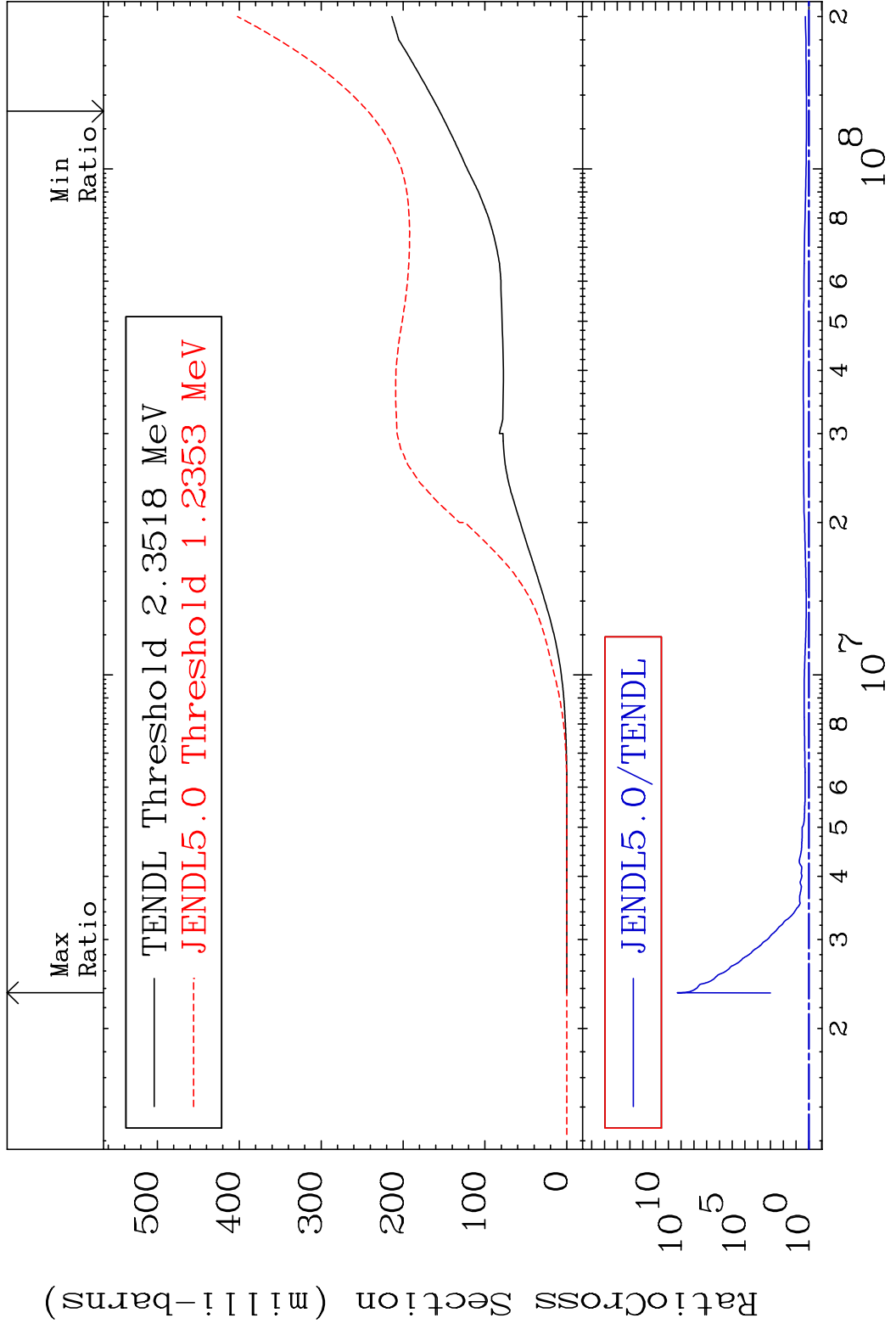


37

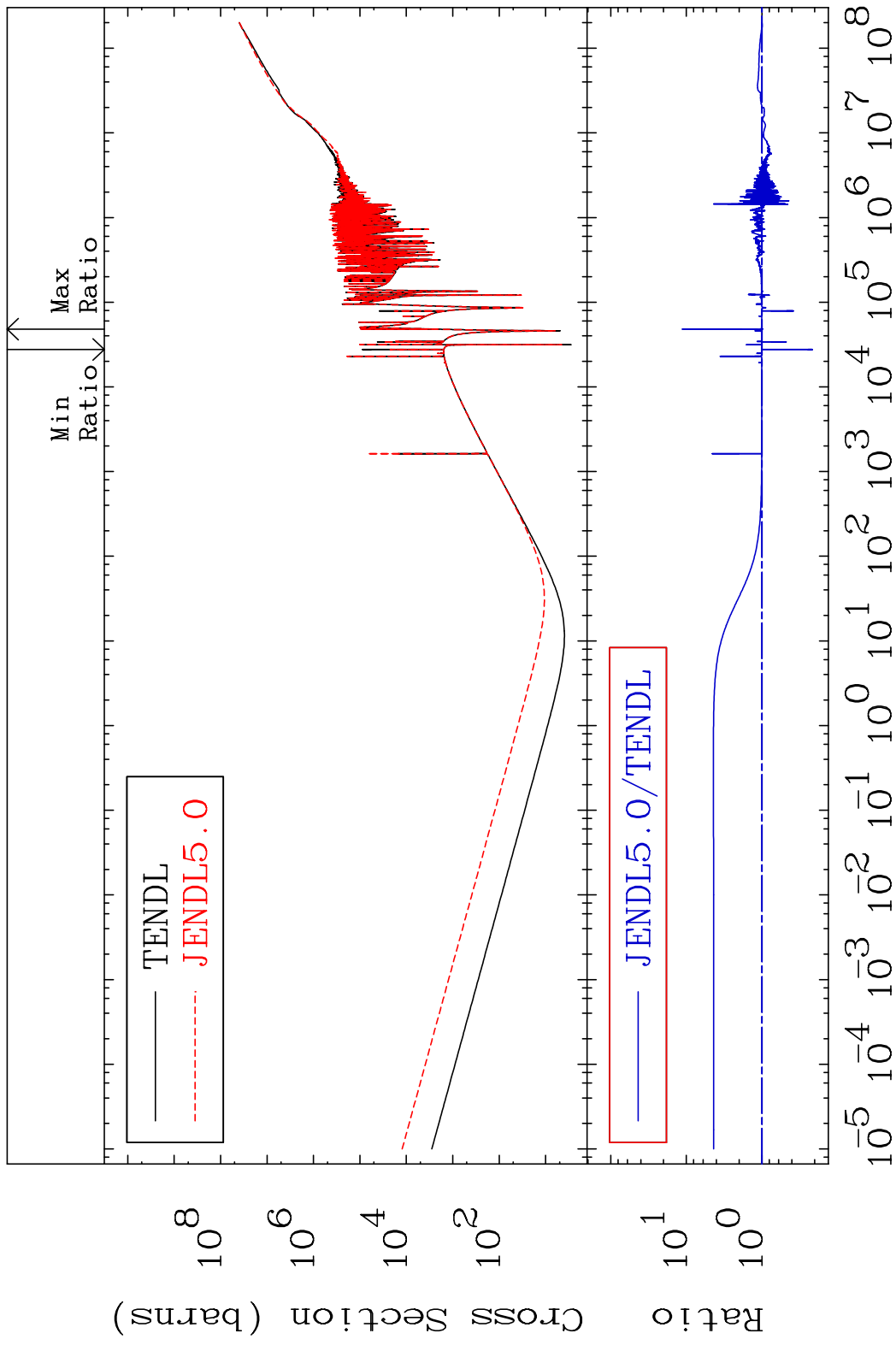
Incident Energy (eV)

²⁴Cr-52

MAT 2431 He-4 Production 24-Cr-52
 Cross Section 56.21 To 9999. %



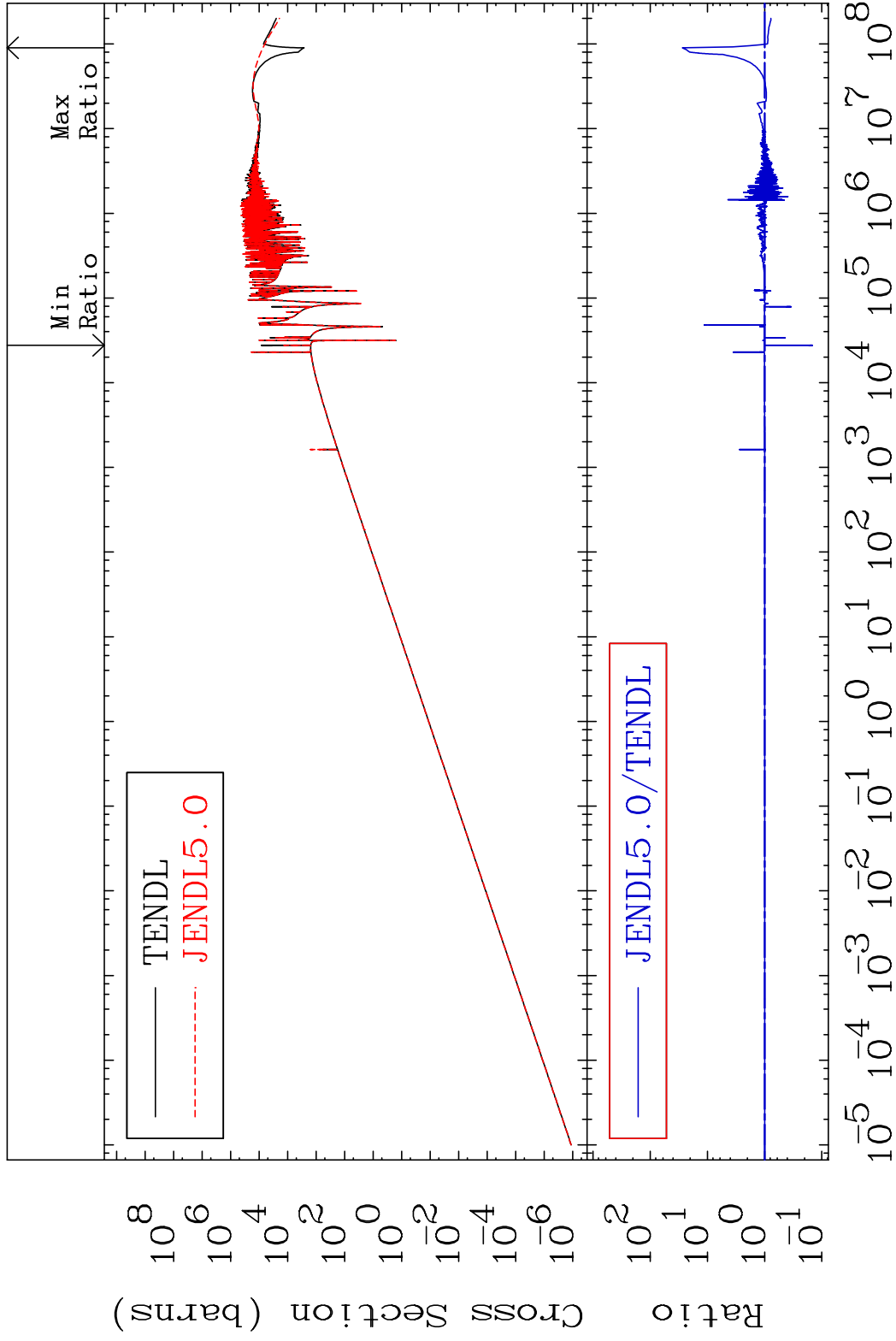
MAT 2431 Kerma total (eV-barns) 24-Cr-52
 Cross Section -78.64 To 1027. %



MAT 2431

Kerma elastic
Cross Section

24-Cr-52
-85.49 To 2643. %

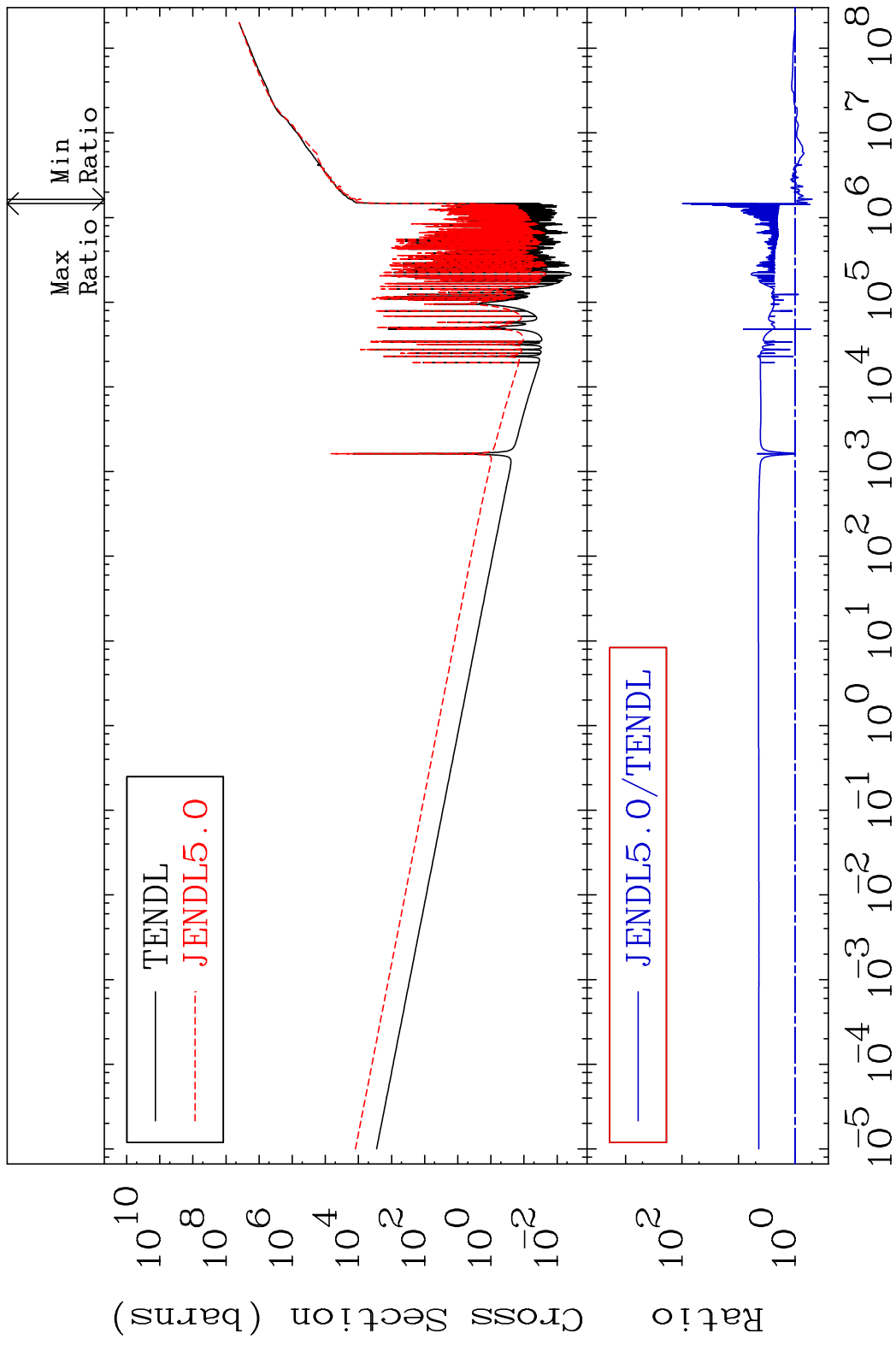


40

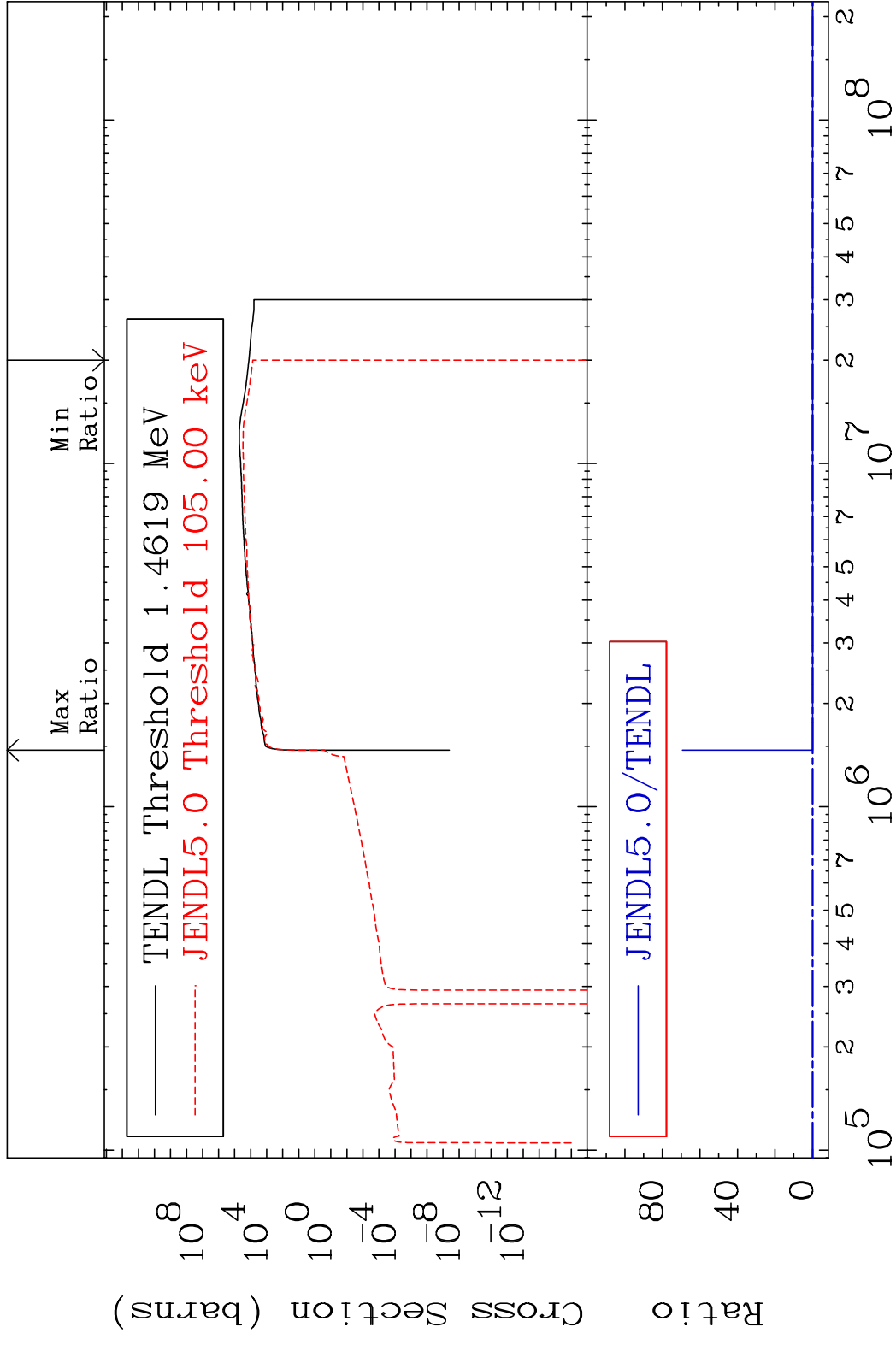
Incident Energy (eV)

24-Cr-52

MAT 2431 Kerma non-elastic (all but mt2) 24-Cr-52
 Cross Section -51.15 To 9770. %

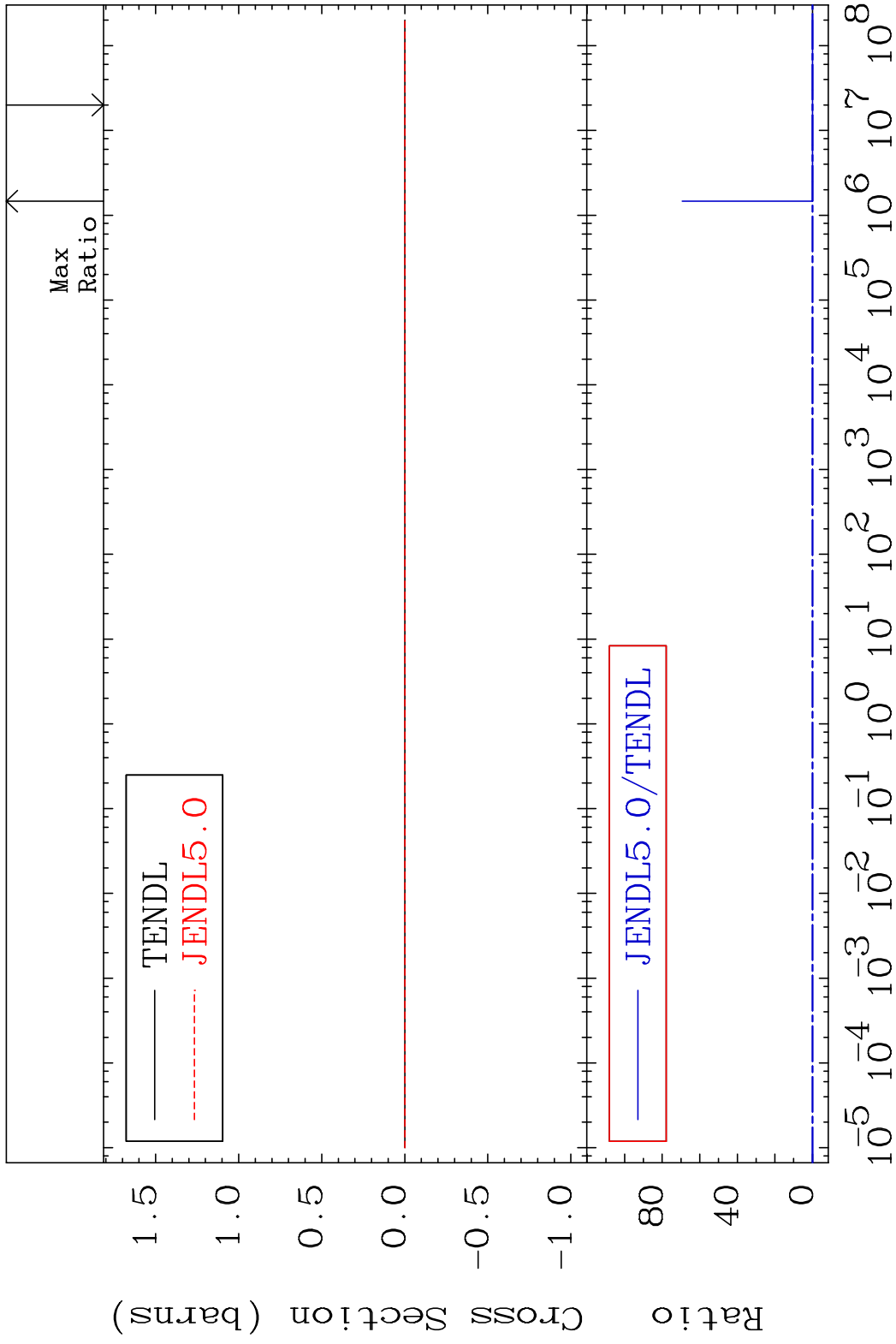


MAT 2431 Kerma inelastic (mt51-91) 24-Cr-52
 Cross Section -100.0 To 9999. %

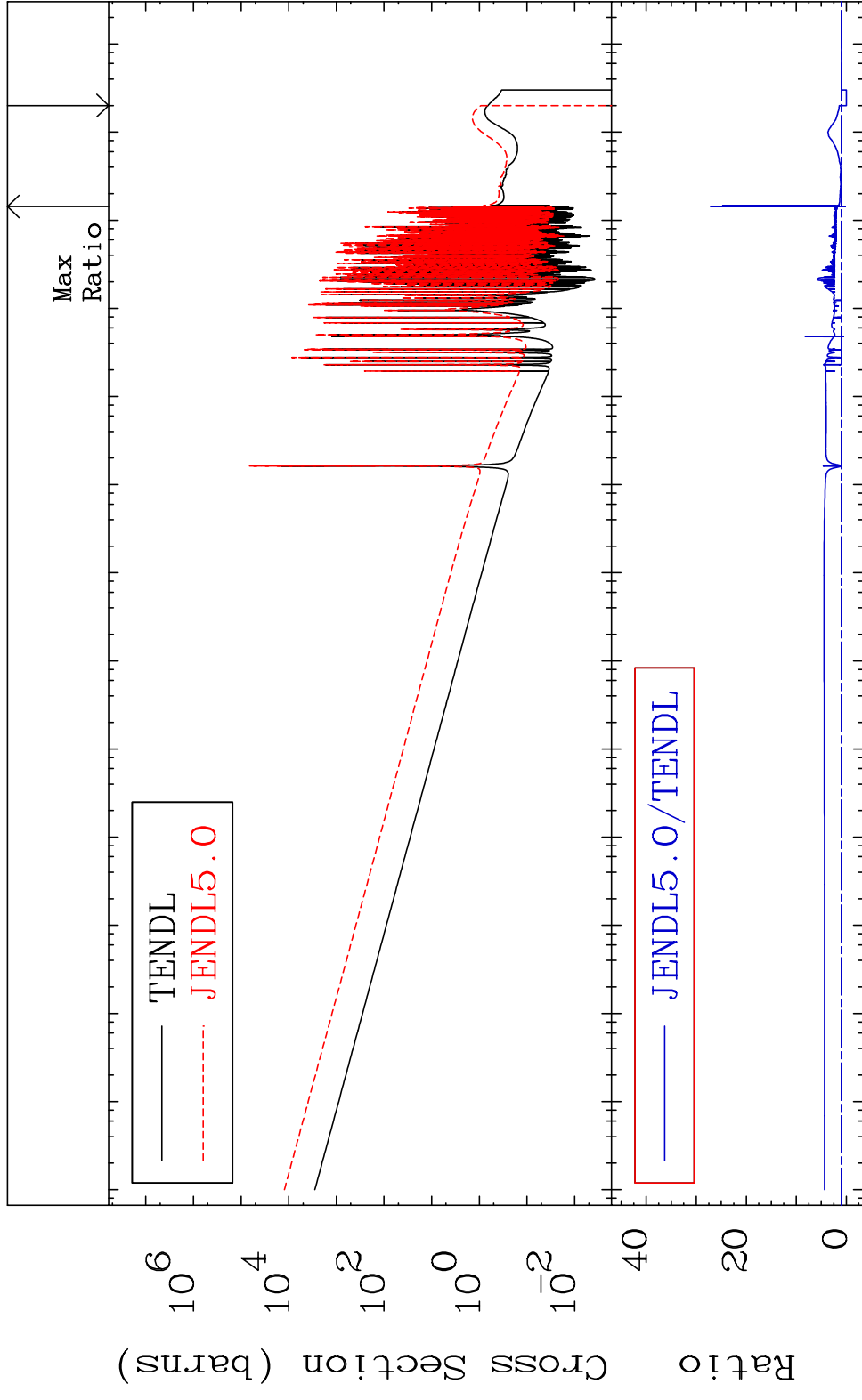


42 Incident Energy (eV) 24-Cr-52

MAT 2431 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-52
 Cross Section -100.0 To 9999. %

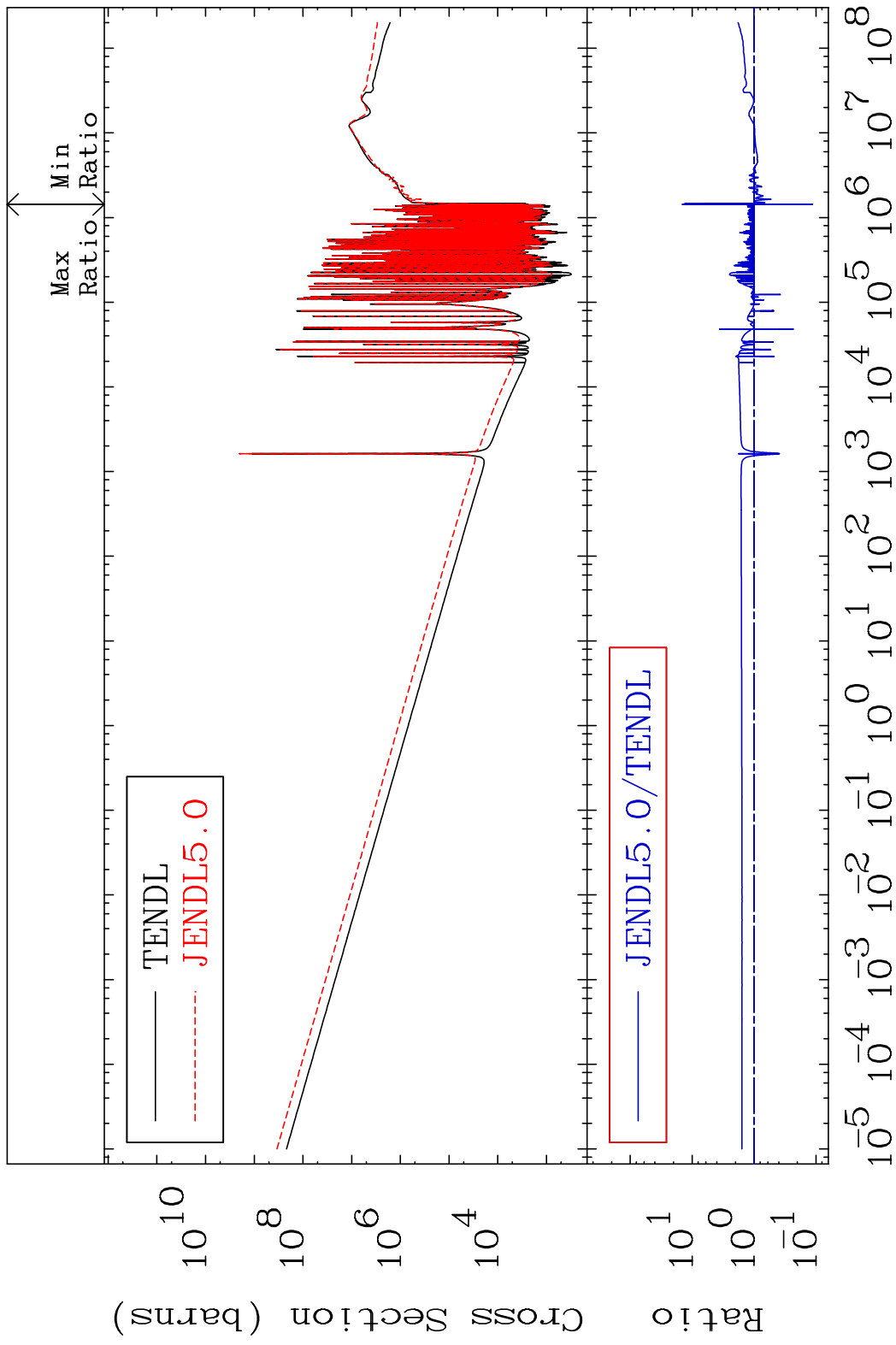


MAT 2431 Kerma capture (mt102) 24-Cr-52
 Cross Section -100.0 To 2611. %



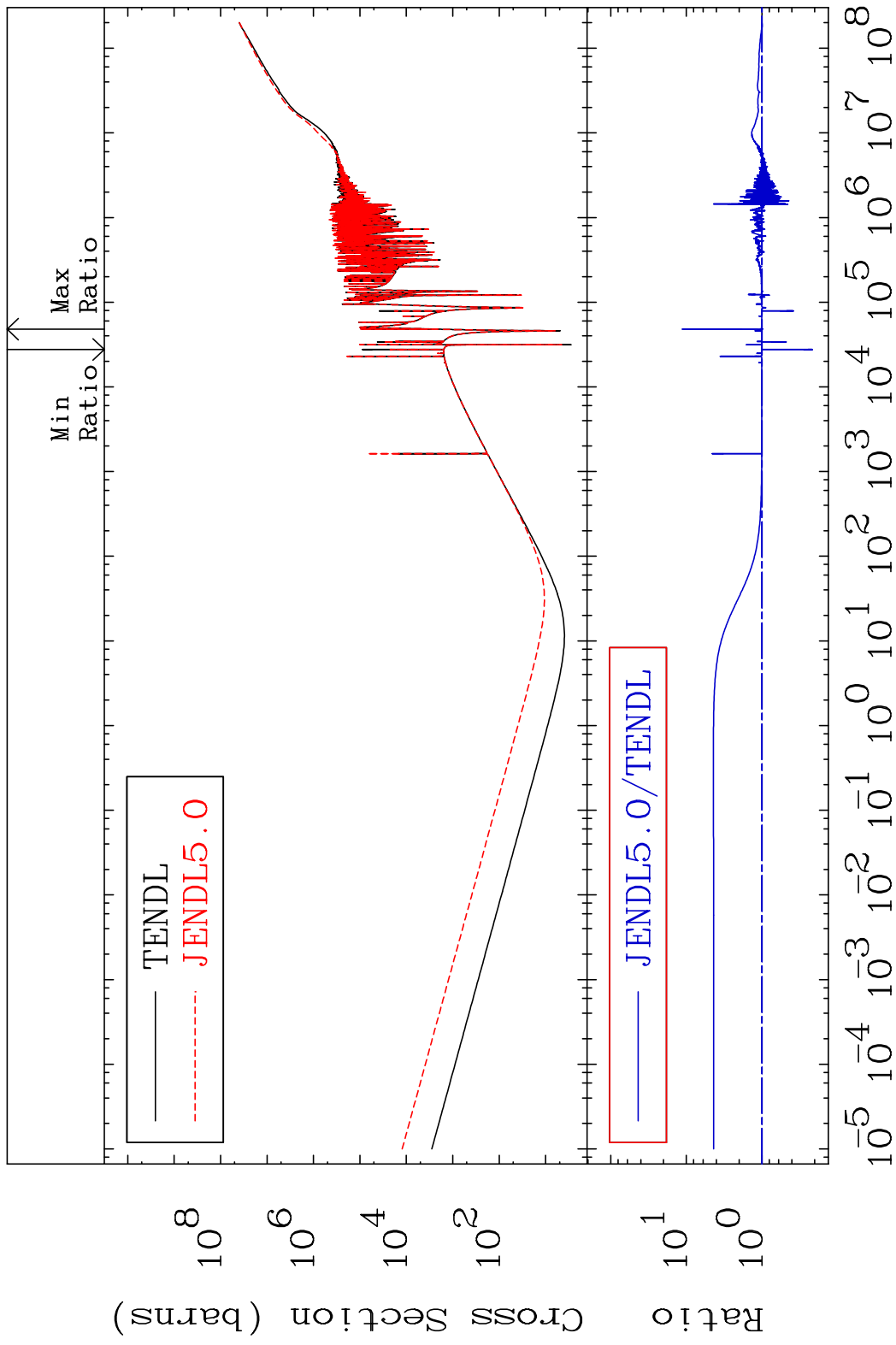
44 Incident Energy (eV) 24-Cr-52

MAT 2431 Total photon (eV-barns) 24-Cr-52
Cross Section -88.62 To 1341. %

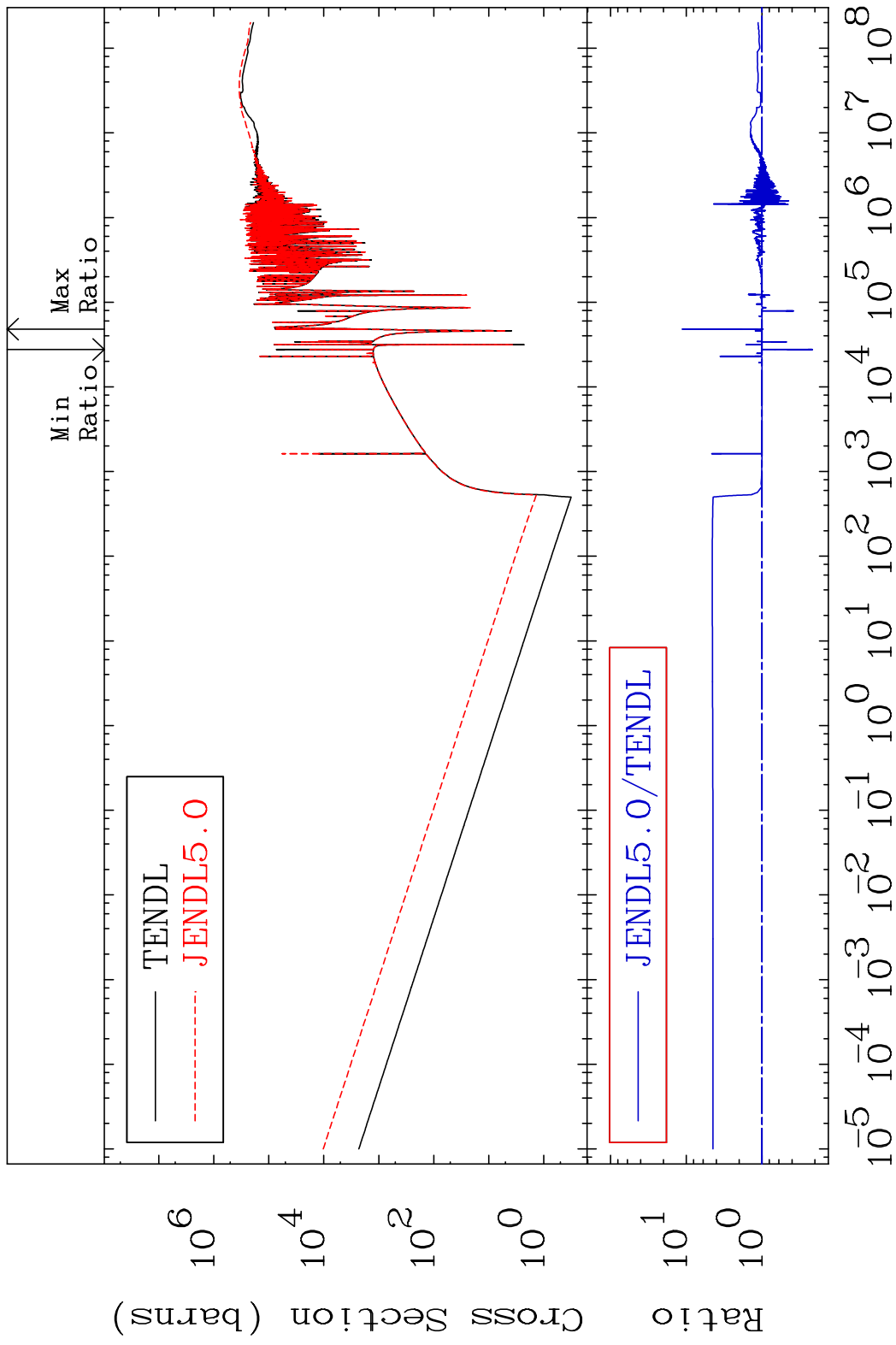


45 Incident Energy (eV) 24-Cr-52

MAT 2431 Total kinematic kerma (high limit) 24-Cr-52
 Cross Section -78.64 To 1027. %



MAT 2431 Dpa total (eV-barns) 24-Cr-52
 Cross Section -78.46 To 1027. %

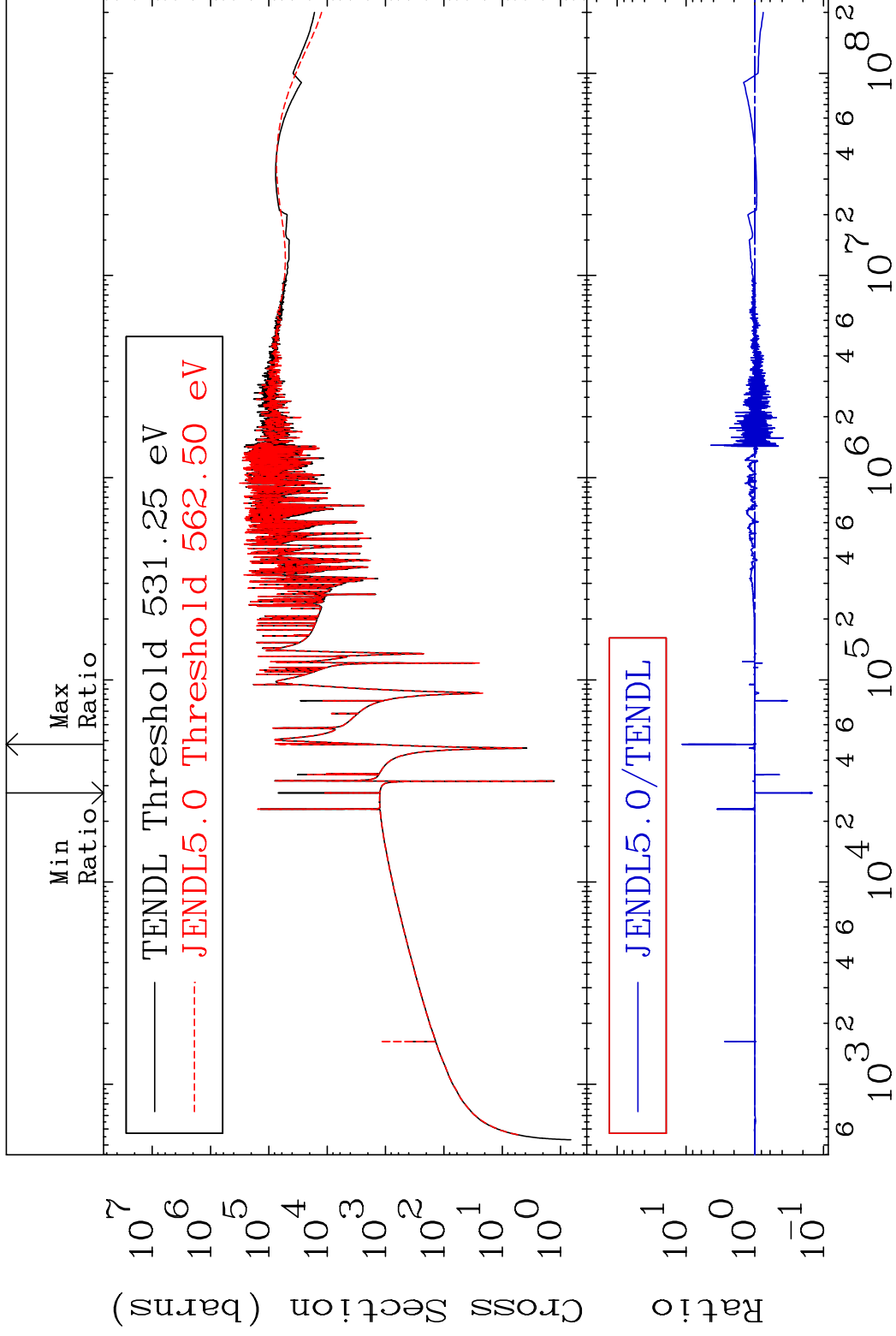


MAT 2431

Dpa elastic (mt2)

24-Cr-52

Cross Section -85.49 To 1038. %

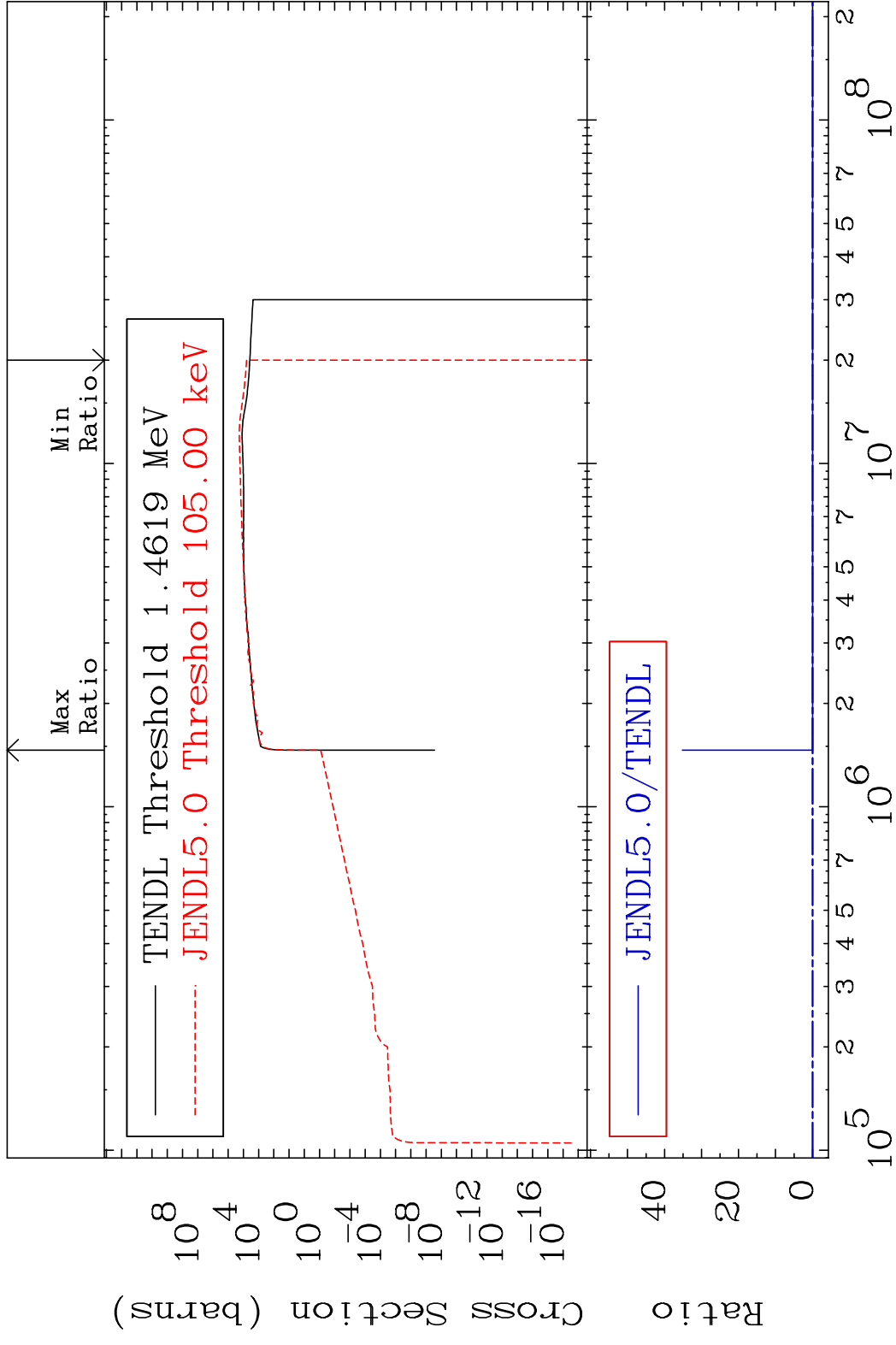


48

Incident Energy (eV)

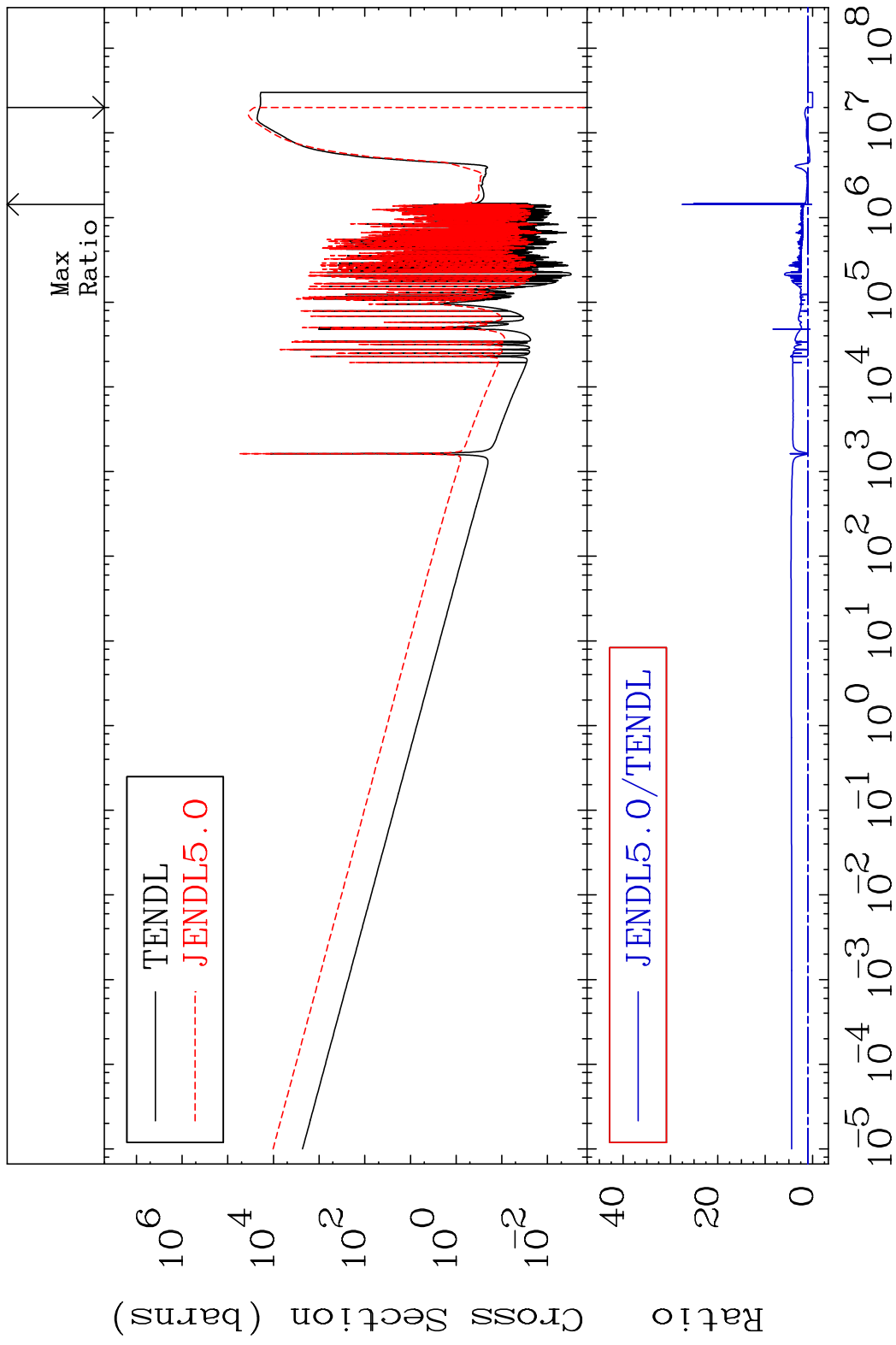
24-Cr-52

MAT 2431 Dpa inelastic (mt51-91) 24-Cr-52
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 24-Cr-52

MAT 2431 Dpa disappearance (mt102 -120) 24-Cr-52
Cross Section -100.0 To 2648. %



50 Incident Energy (eV) 24-Cr-52