

Program Complot
(Version 2021-1)

by

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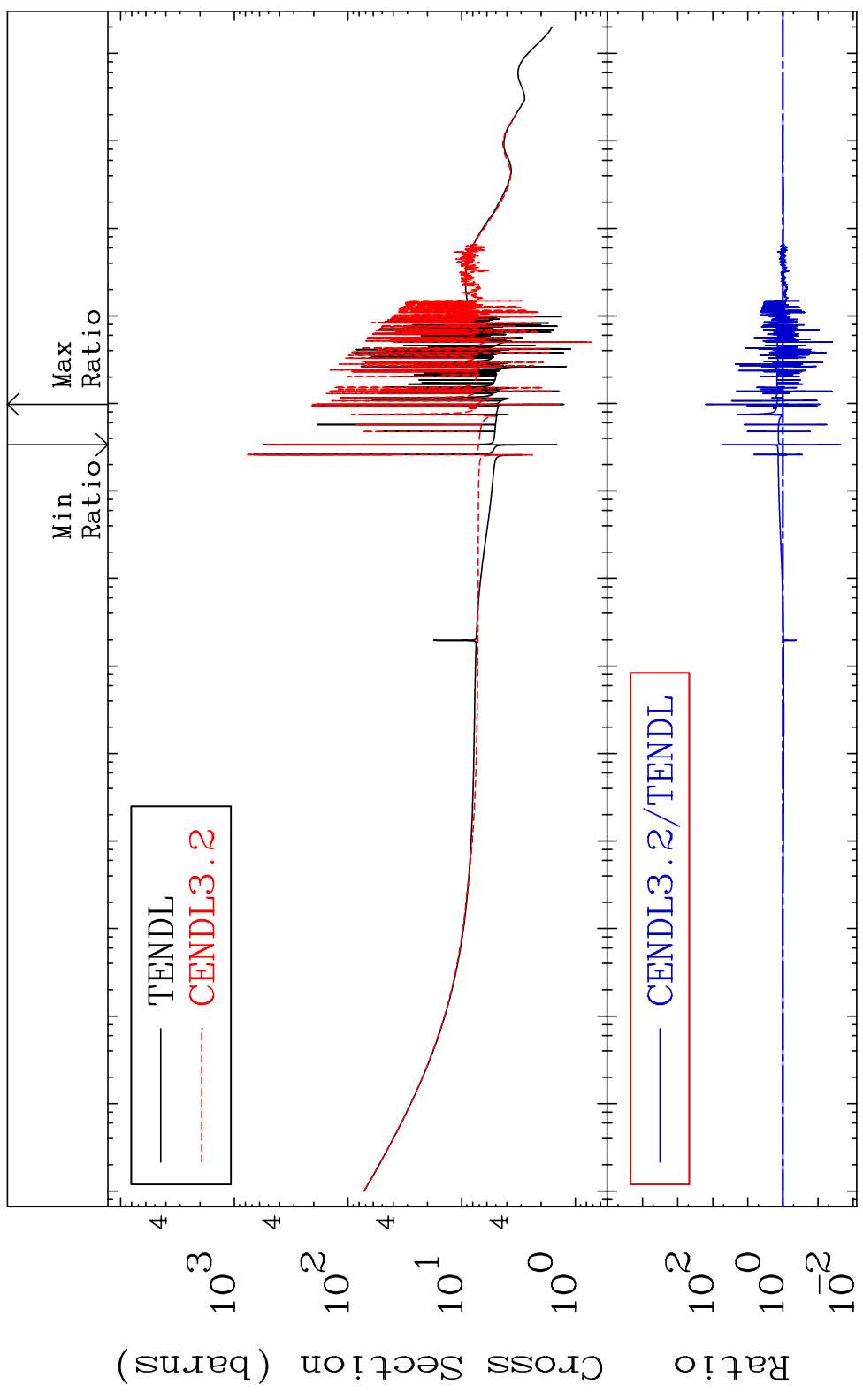
Press Mouse Button to Start

MAT 3925

Total

39-Y -89

Cross Section -97.70 To 9999. %



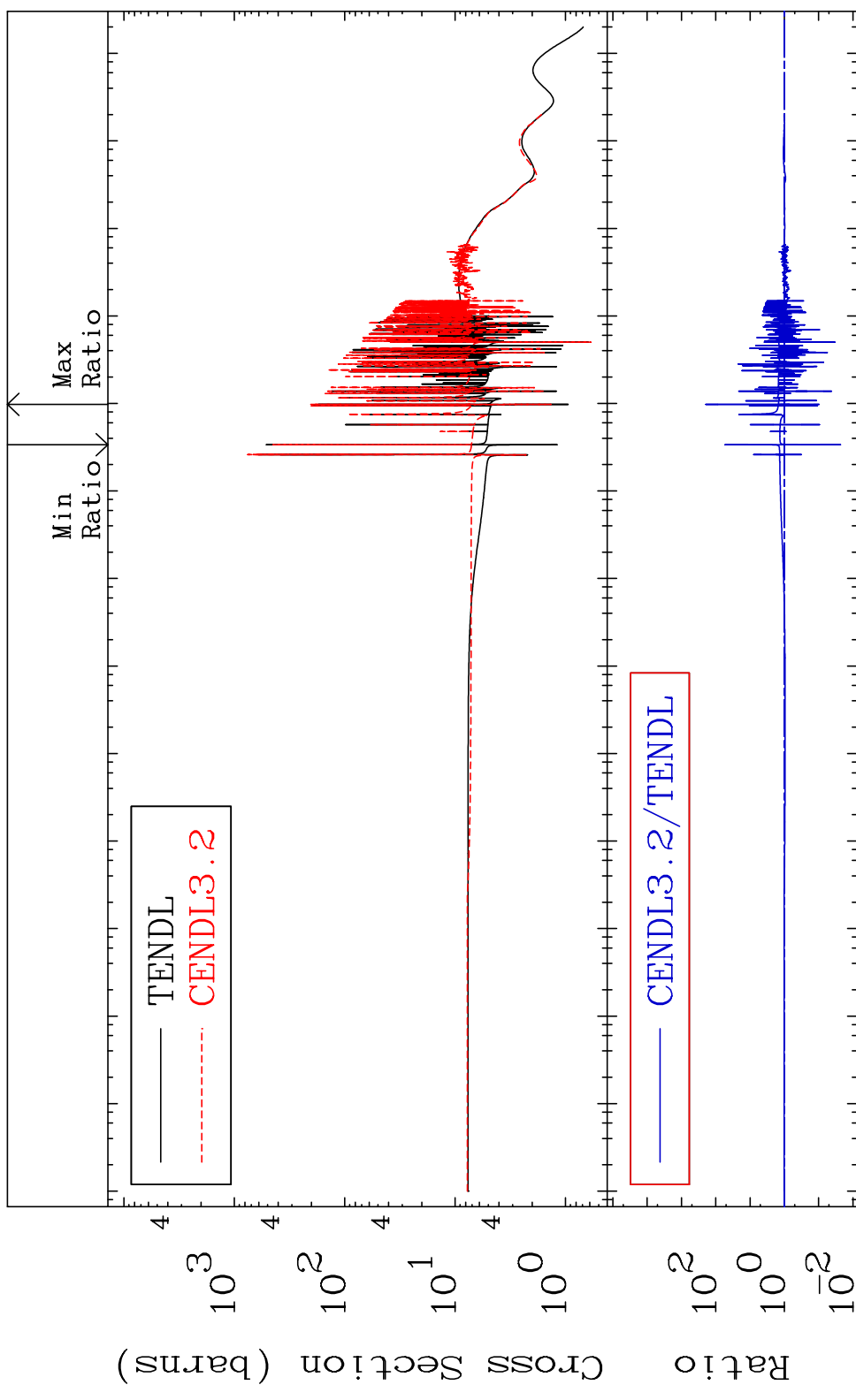
1

Incident Energy (eV)

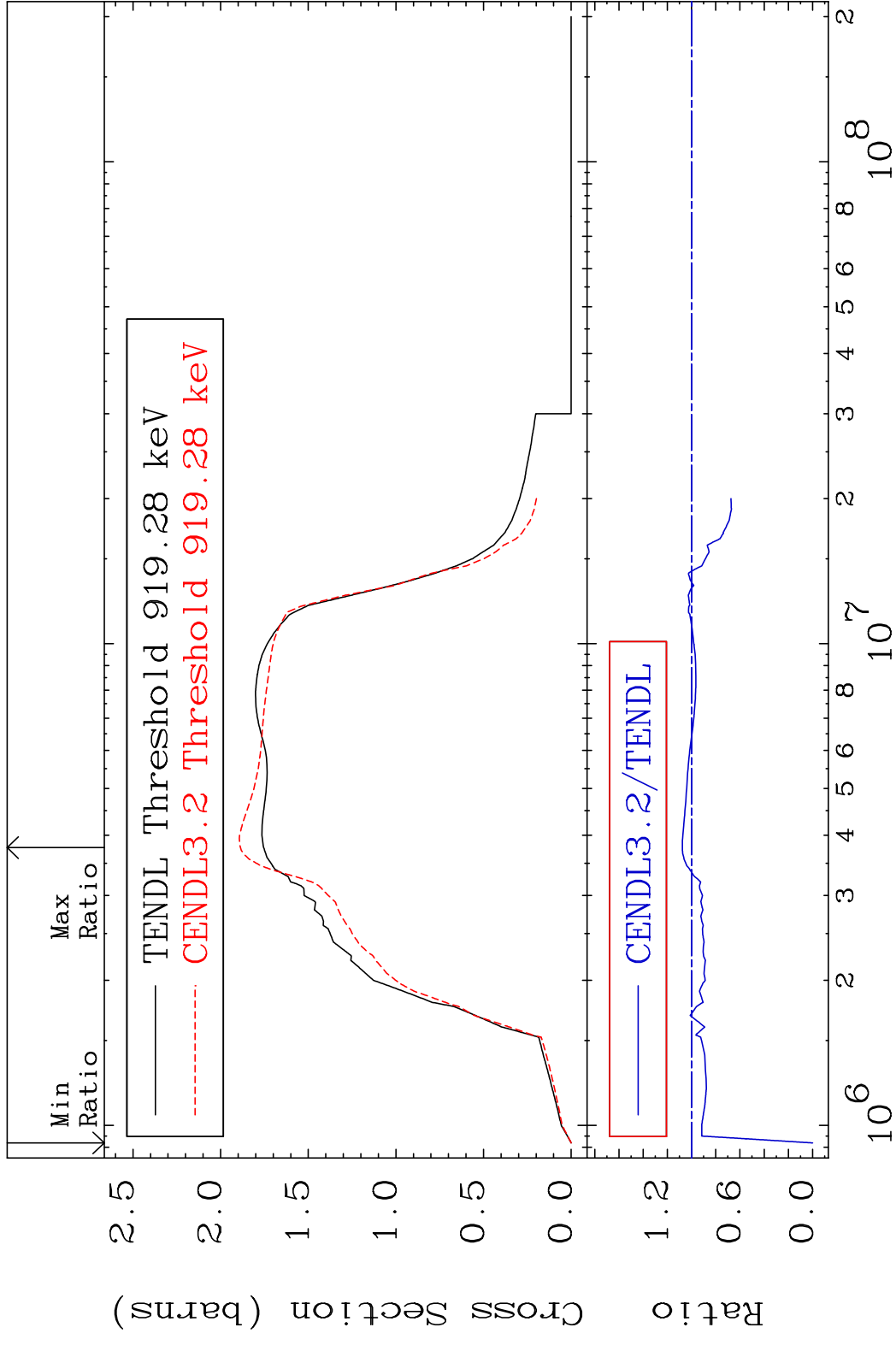
39-Y -89

MAT 3925

Elastic Cross Section -97.69 To 9999. % 39-Y -89



MAT 3925 Inelastic 39-Y -89
 Cross Section -100.0 To 7.606 %



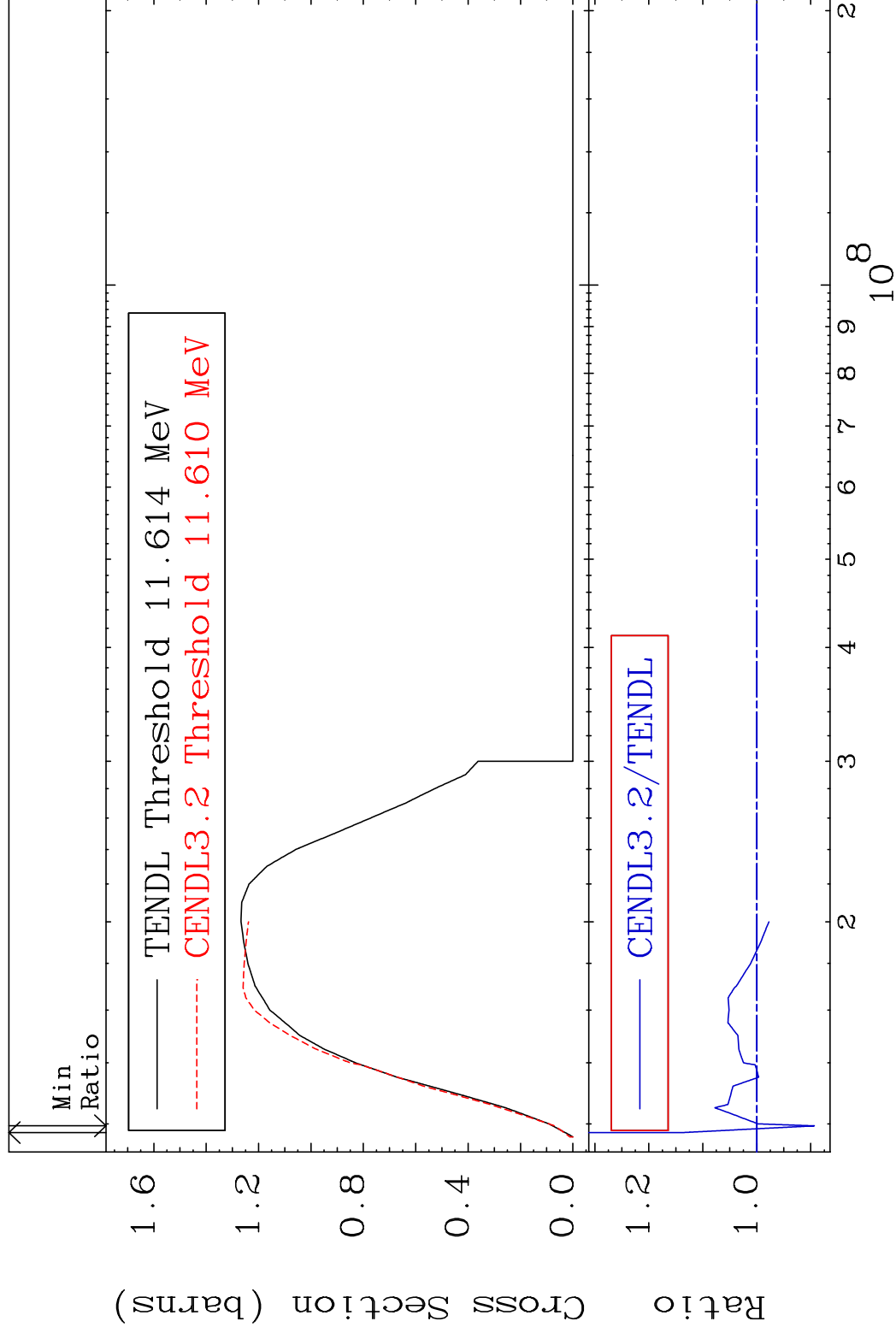
3 Incident Energy (eV) 39-Y -89

MAT 3925

(n,2n)

39-Y -89

Cross Section -10.65 To 13.48 %



4

Incident Energy (eV)

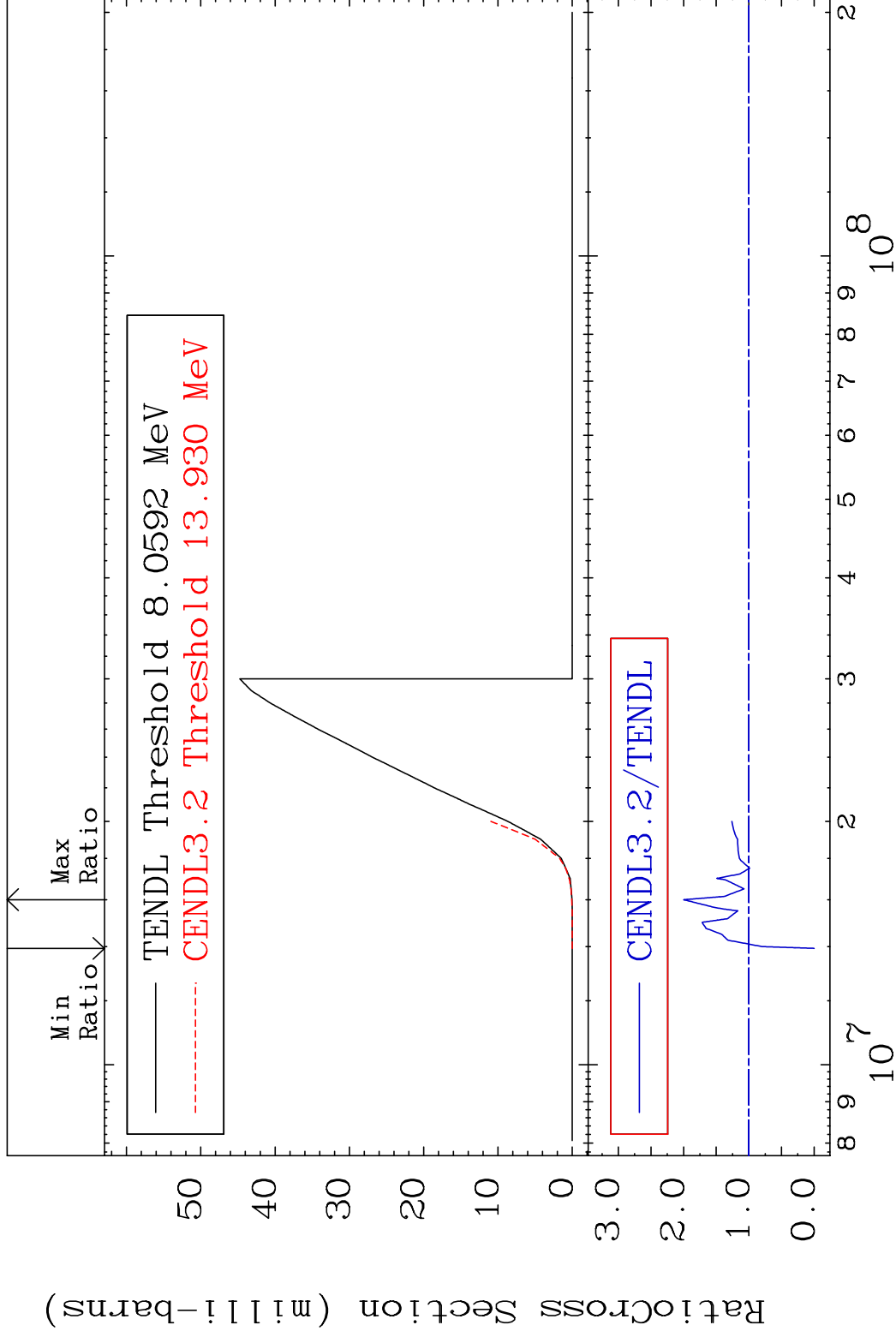
39-Y -89

MAT 3925

(n, n') α

39-Y -89

Cross Section -100.0 To 99.92 %

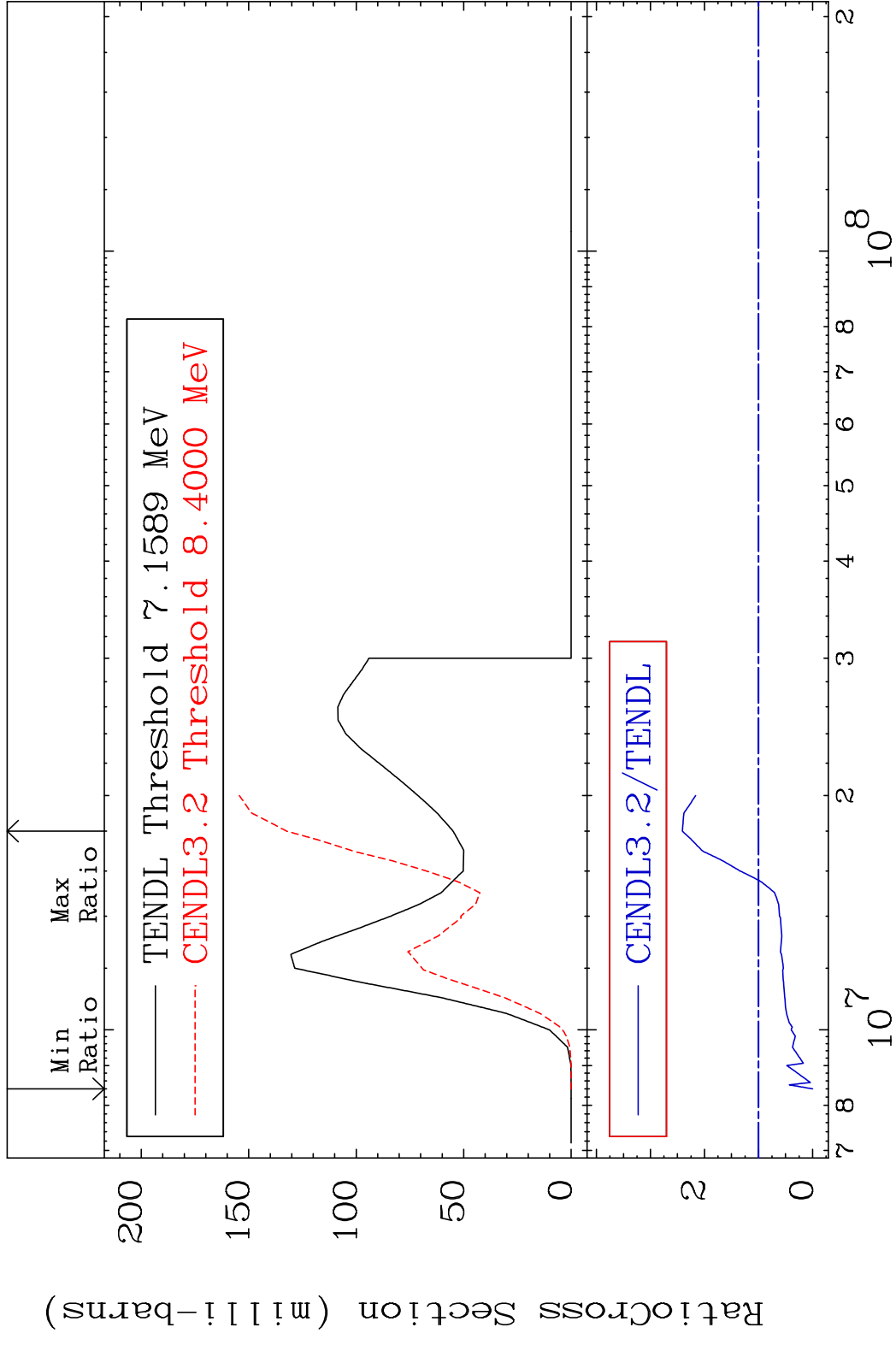


5

Incident Energy (eV)

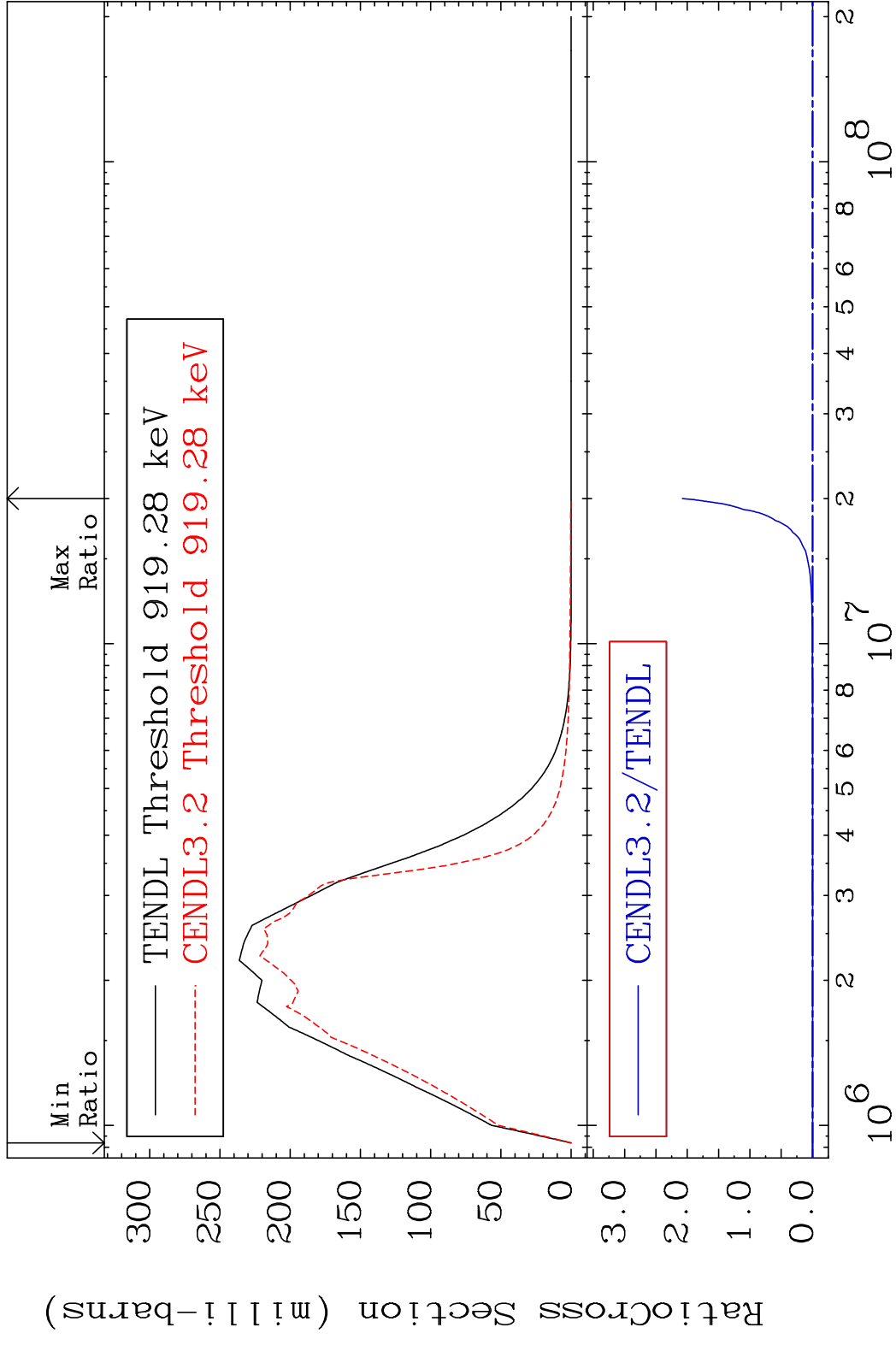
39-Y -89

MAT 3925 (n, n') p 39-Y -89
 Cross Section -100.0 To 141.0 %



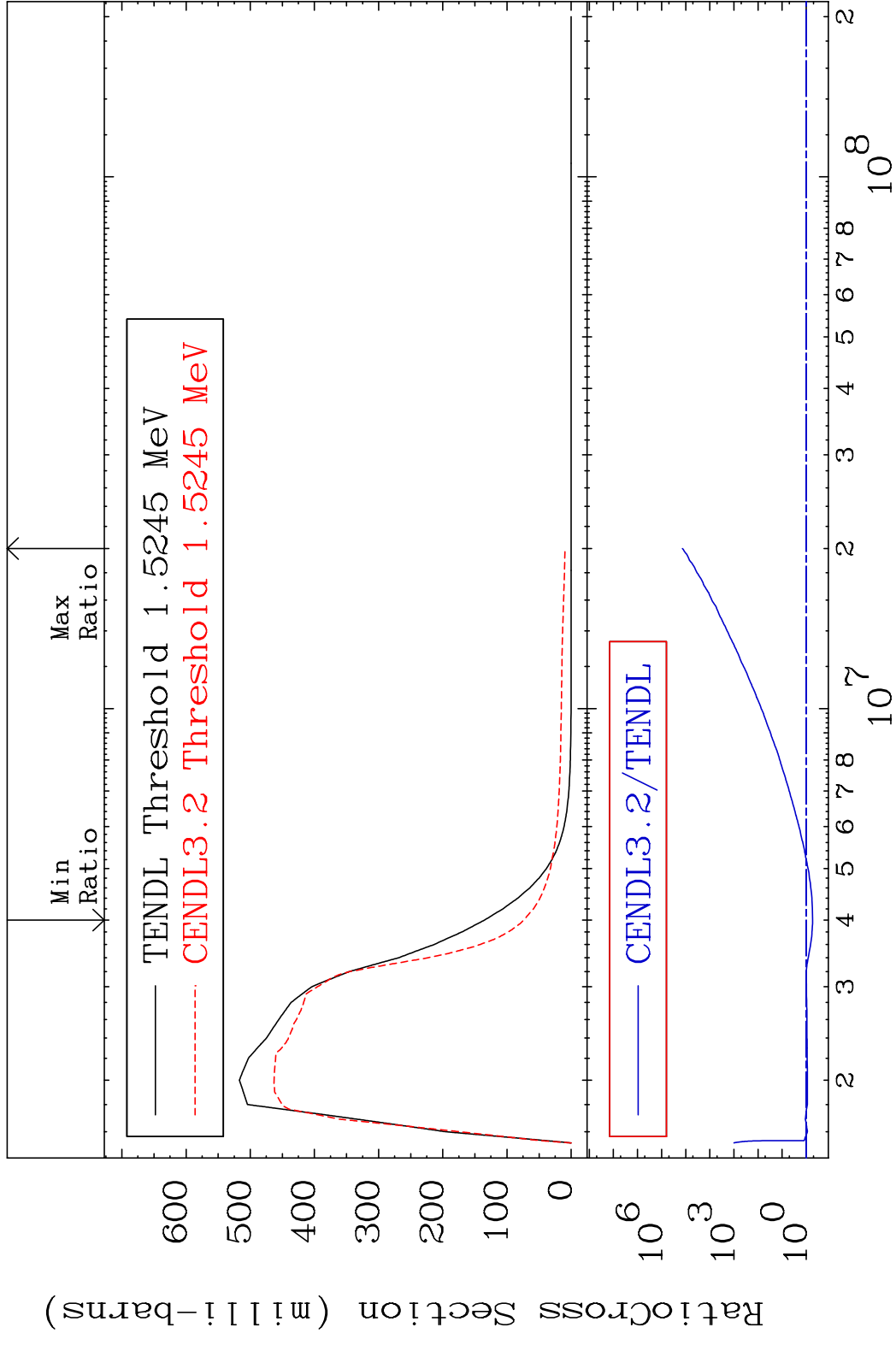
6 7 8 10⁷ 10⁸ 2 39-Y -89

MAT 3925 MT= 51 (n, n') Level 39-Y -89
 Cross Section -100.0 To 9999. %

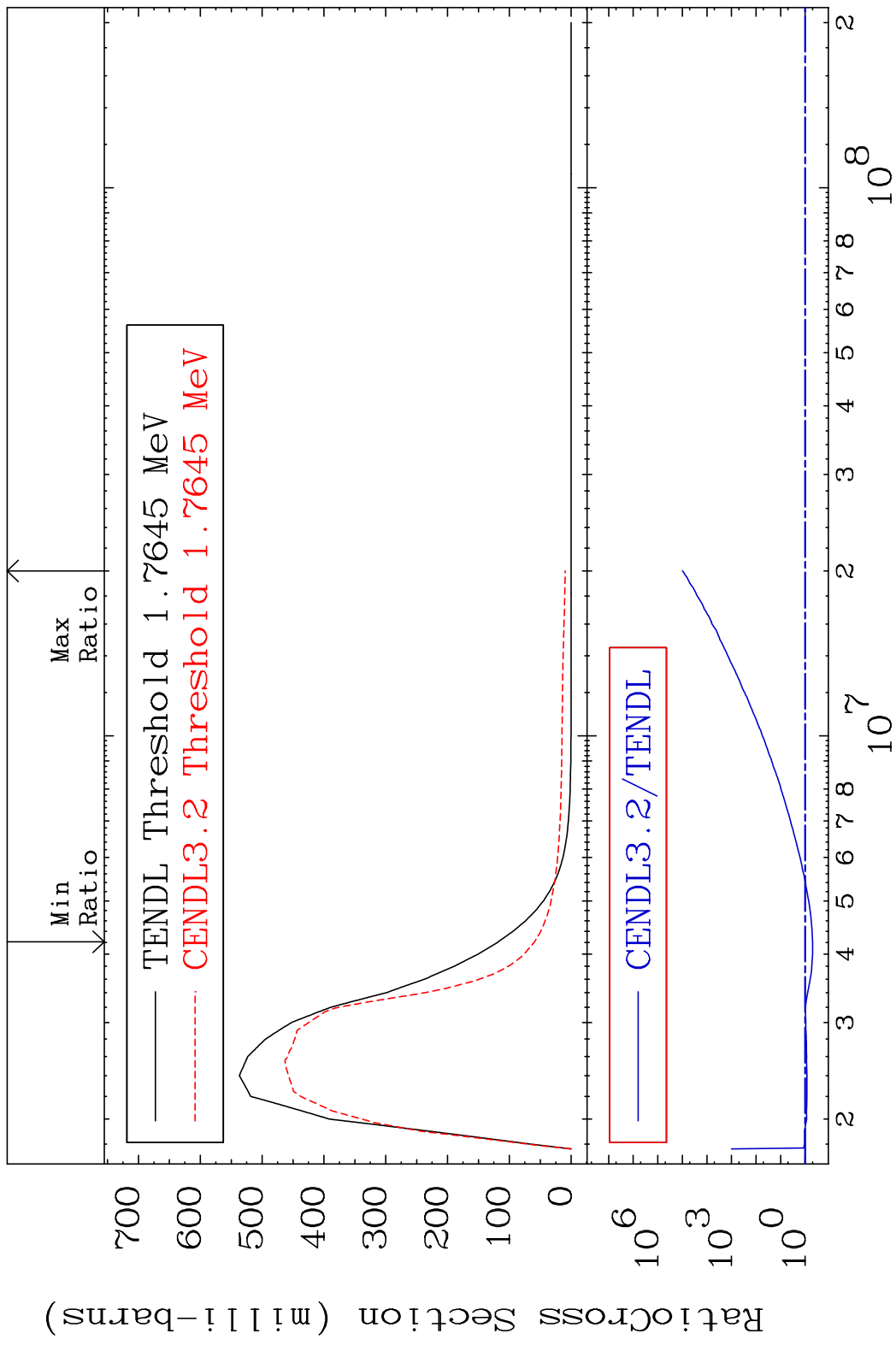


7 Incident Energy (eV) 39-Y -89

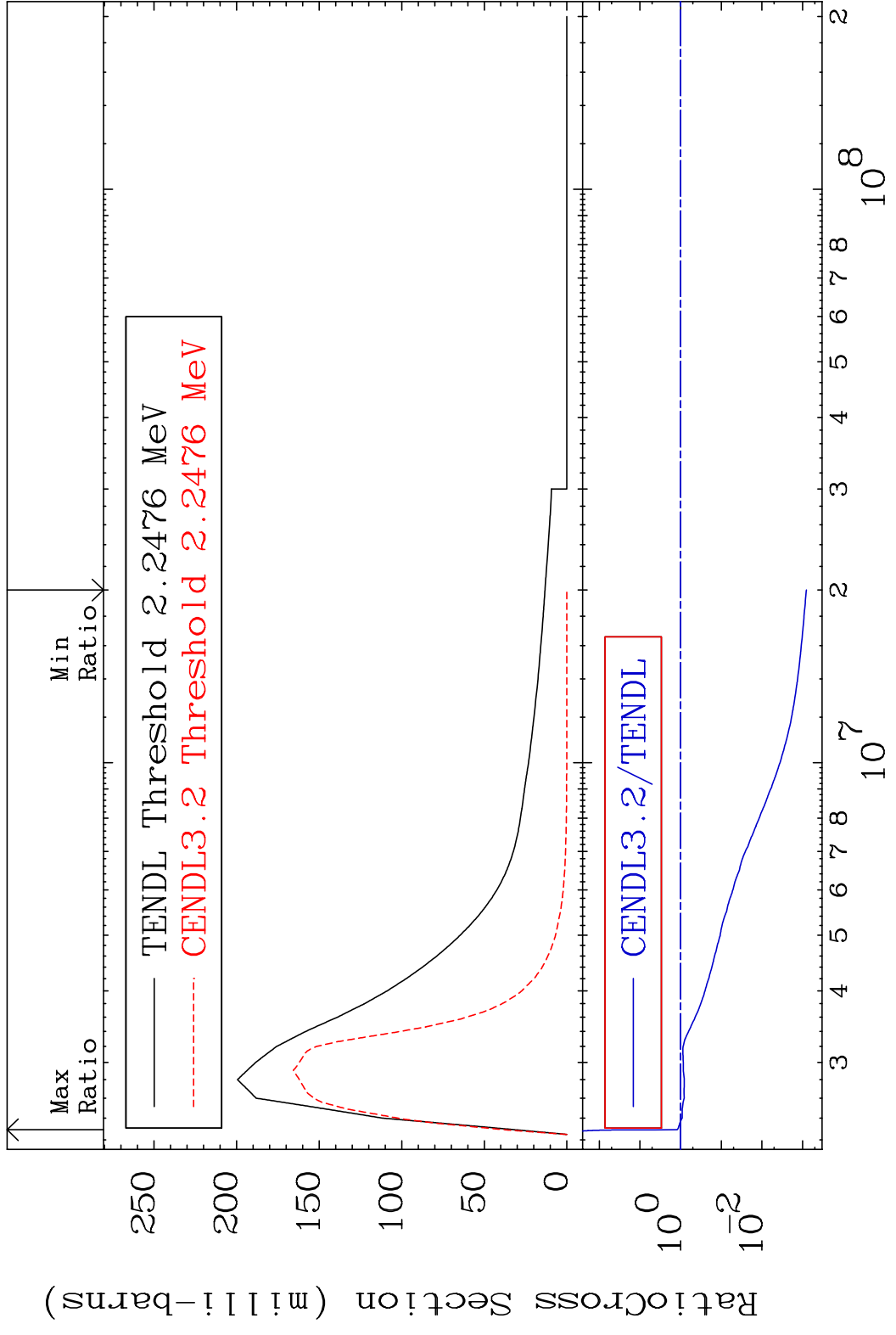
MAT 3925 MT= 52 (n, n') Level 39-Y -89
 Cross Section -45.35 To 9999. %



MAT 3925 MT= 53 (n, n') Level 39-Y -89
 Cross Section -49.86 To 9999. %

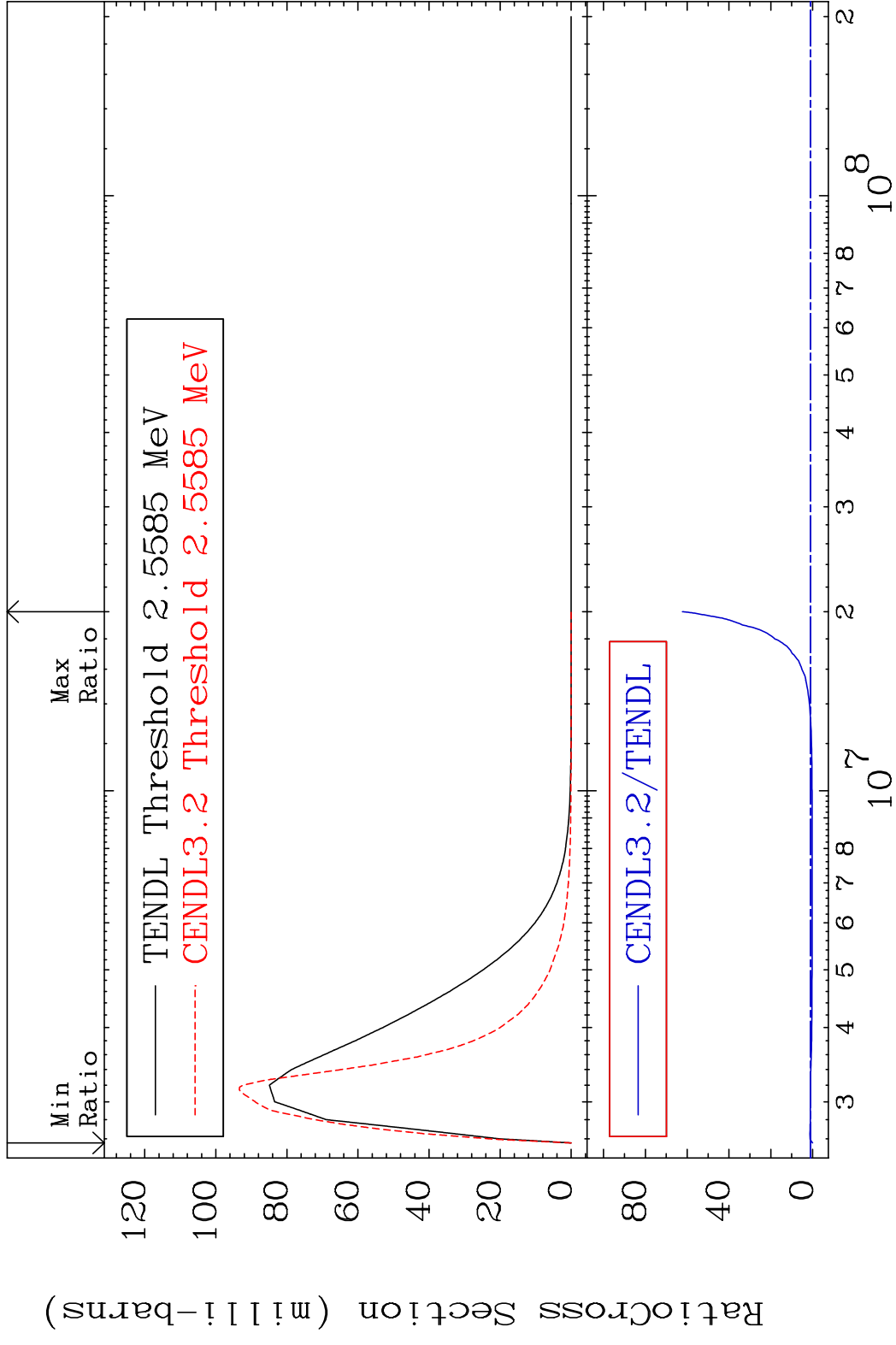


MAT 3925 MT= 54 (n, n') Level 39-Y -89
 Cross Section -99.92 To 21.23 %



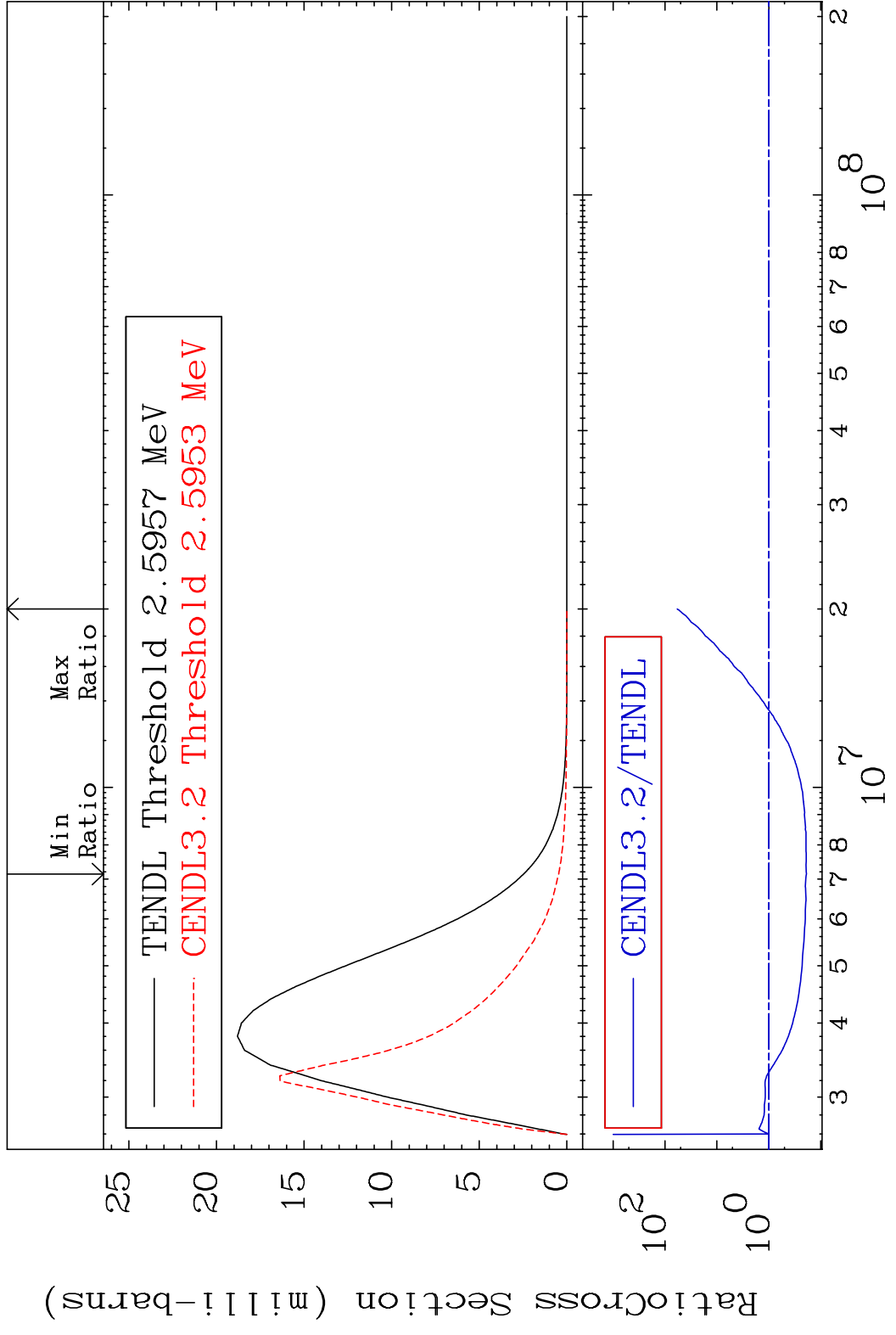
10 10 39-Y -89

MAT 3925 MT= 55 (n, n') Level 39-Y -89
 Cross Section -100.0 To 6130. %



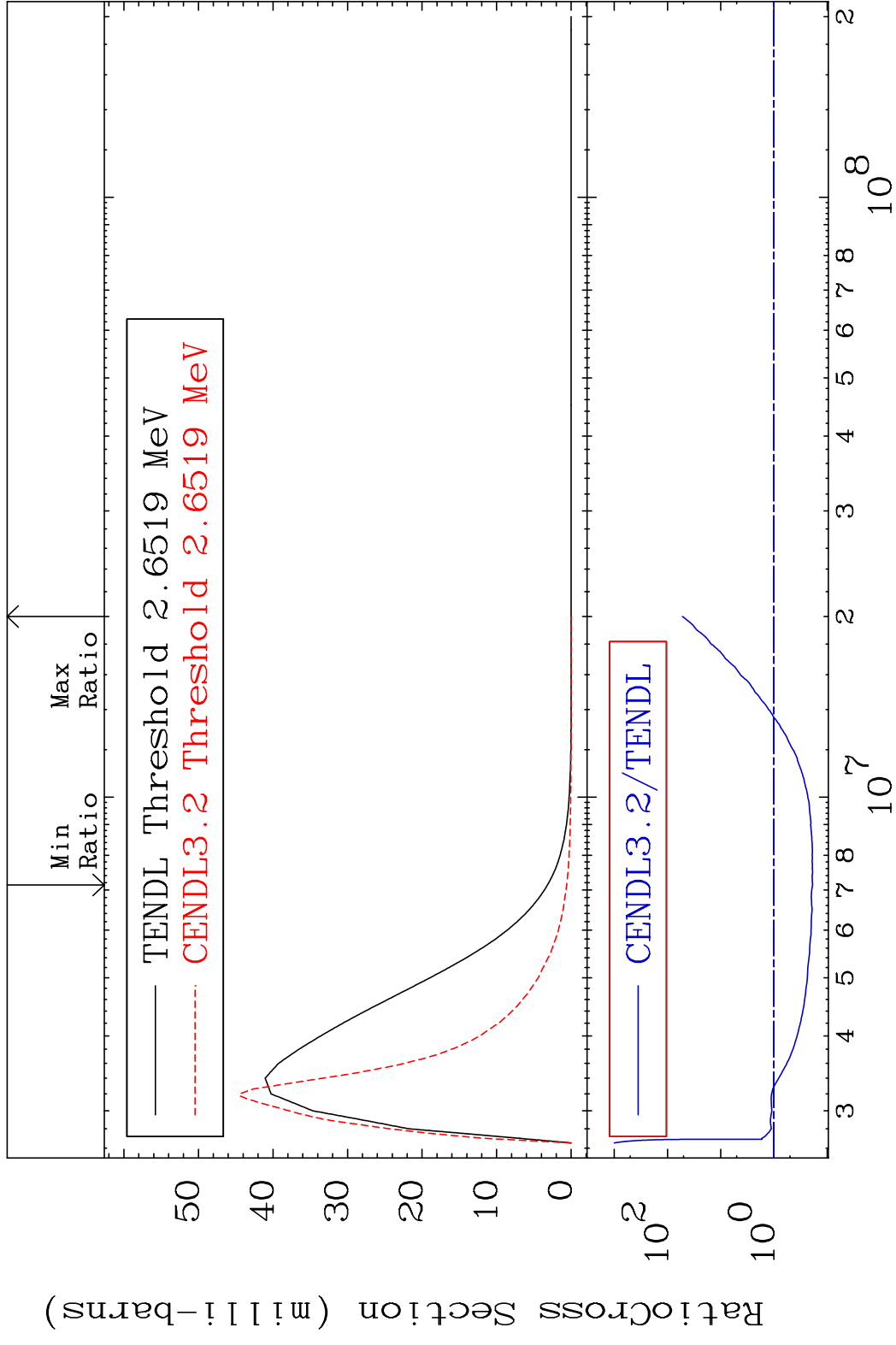
11 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 56 (n, n') Level 39-Y -89
 Cross Section -81.14 To 5734. %

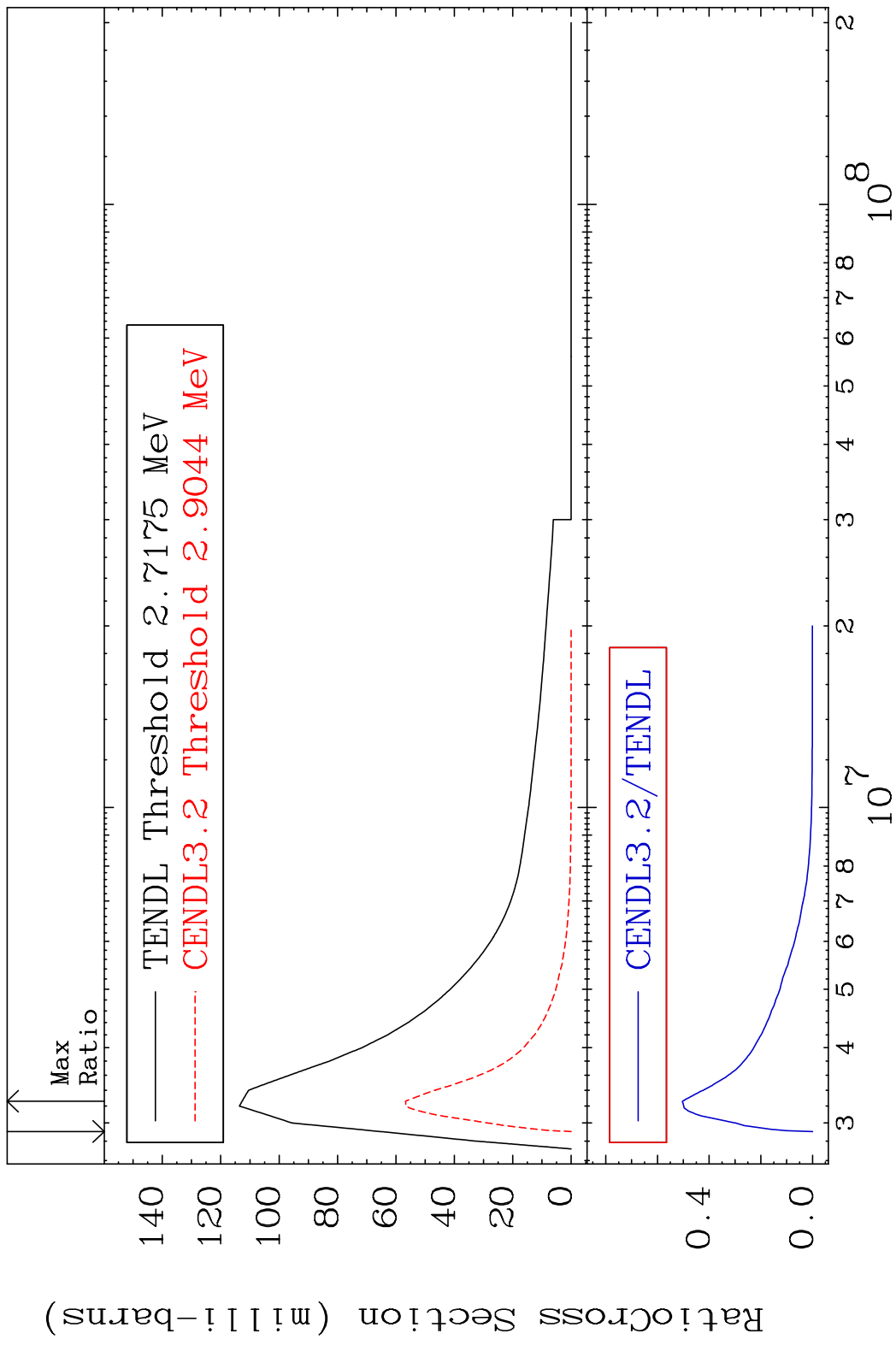


12 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 57 (n, n') Level 39-Y -89
 Cross Section -81.22 To 5149. %

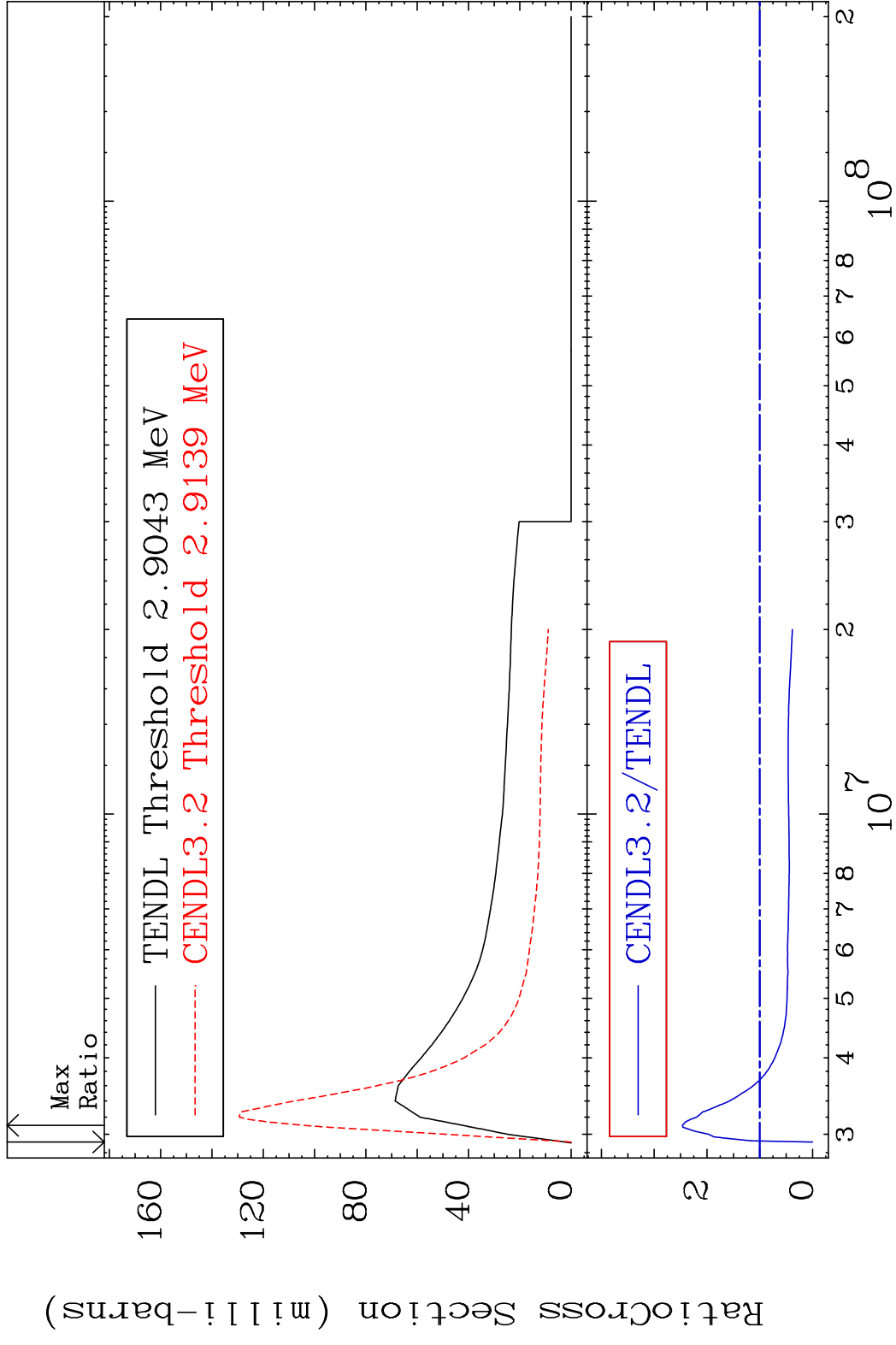


MAT 3925 MT= 58 (n,n') Level 39-Y -89
 Cross Section -100.0 To -49.64%



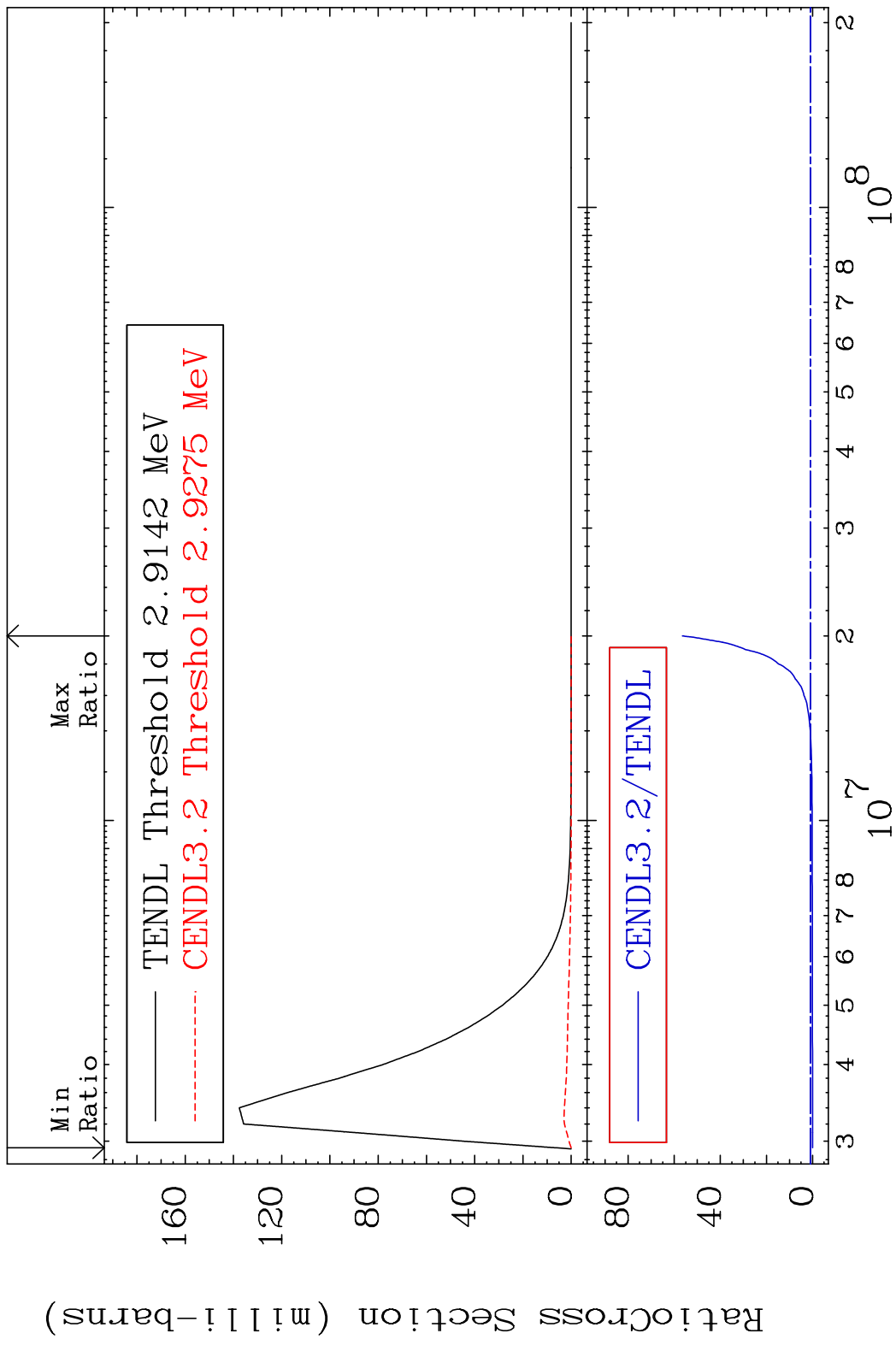
14 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 59 (n,n') Level 39-Y -89
 Cross Section -100.0 To 146.7 %

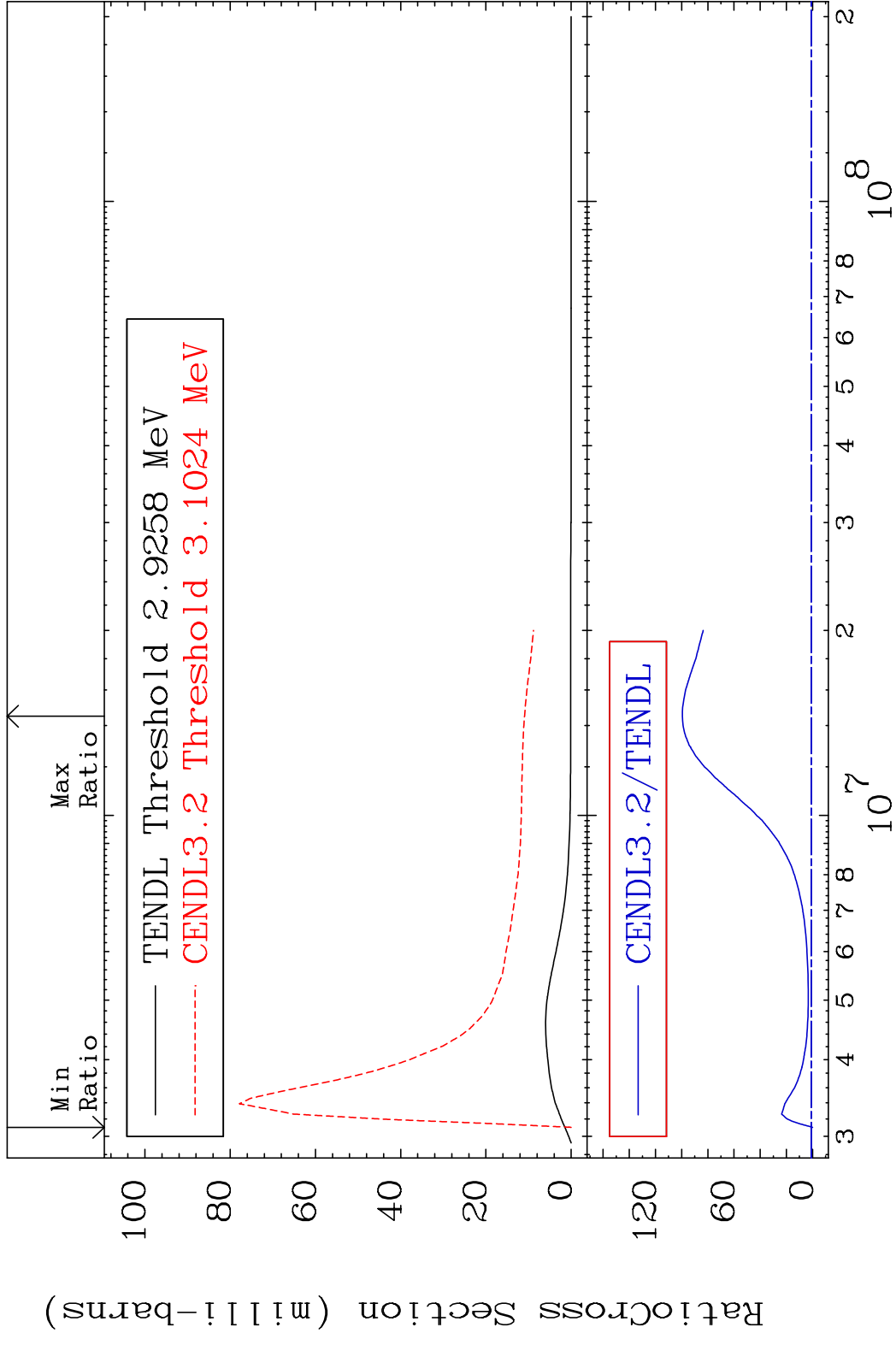


15 Incident Energy (eV) 39-Y -89

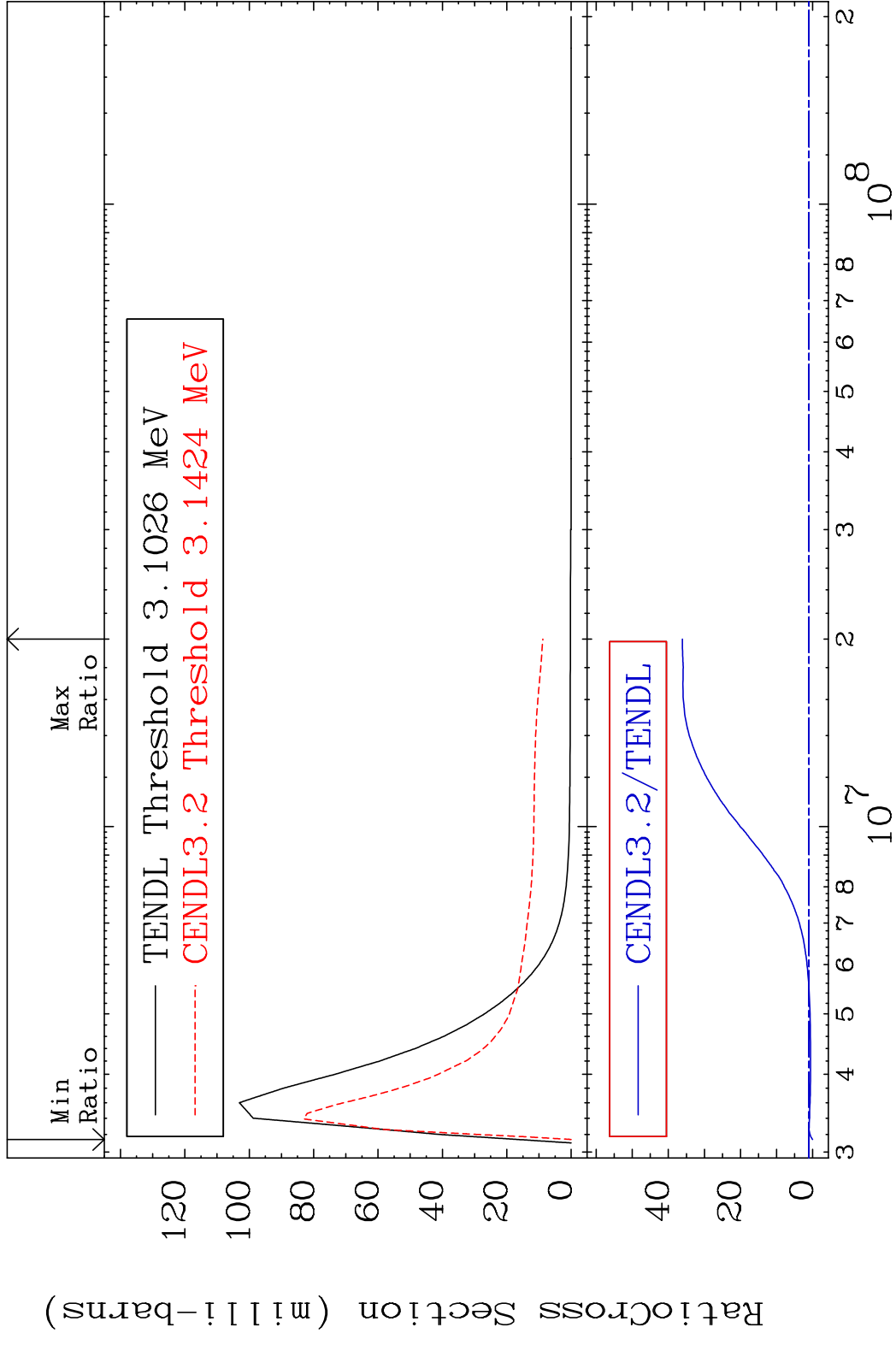
MAT 3925 MT= 60 (n, n') Level 39-Y -89
 Cross Section -100.0 To 5547. %



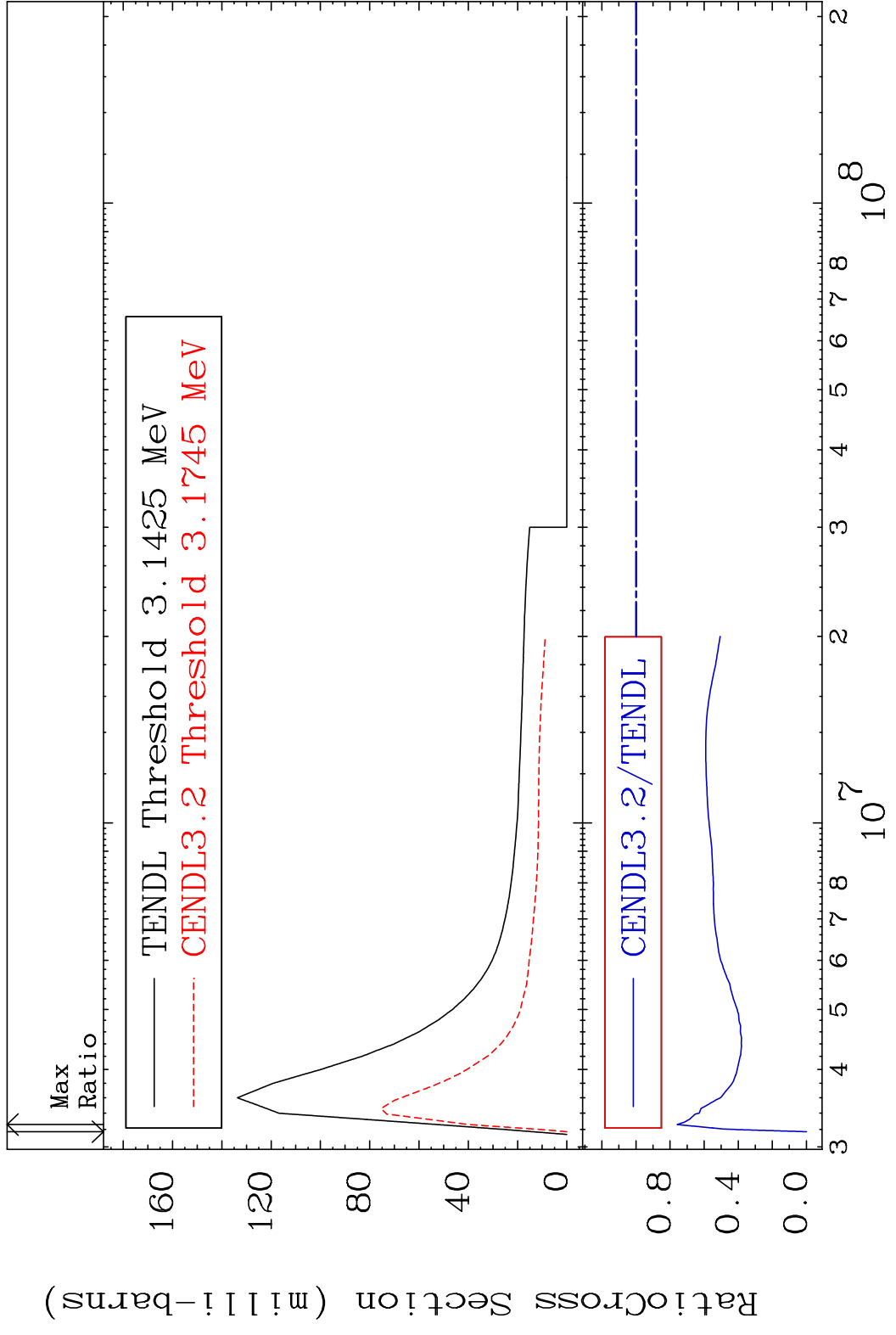
MAT 3925 MT= 61 (n,n') Level 39-Y -89
 Cross Section -100.0 To 9848. %



MAT 3925 MT= 62 (n, n') Level 39-Y -89
 Cross Section -100.0 To 3512. %



MAT 3925 MT= 63 (n,n') Level 39-Y -89
 Cross Section -100.0 To -24.18%

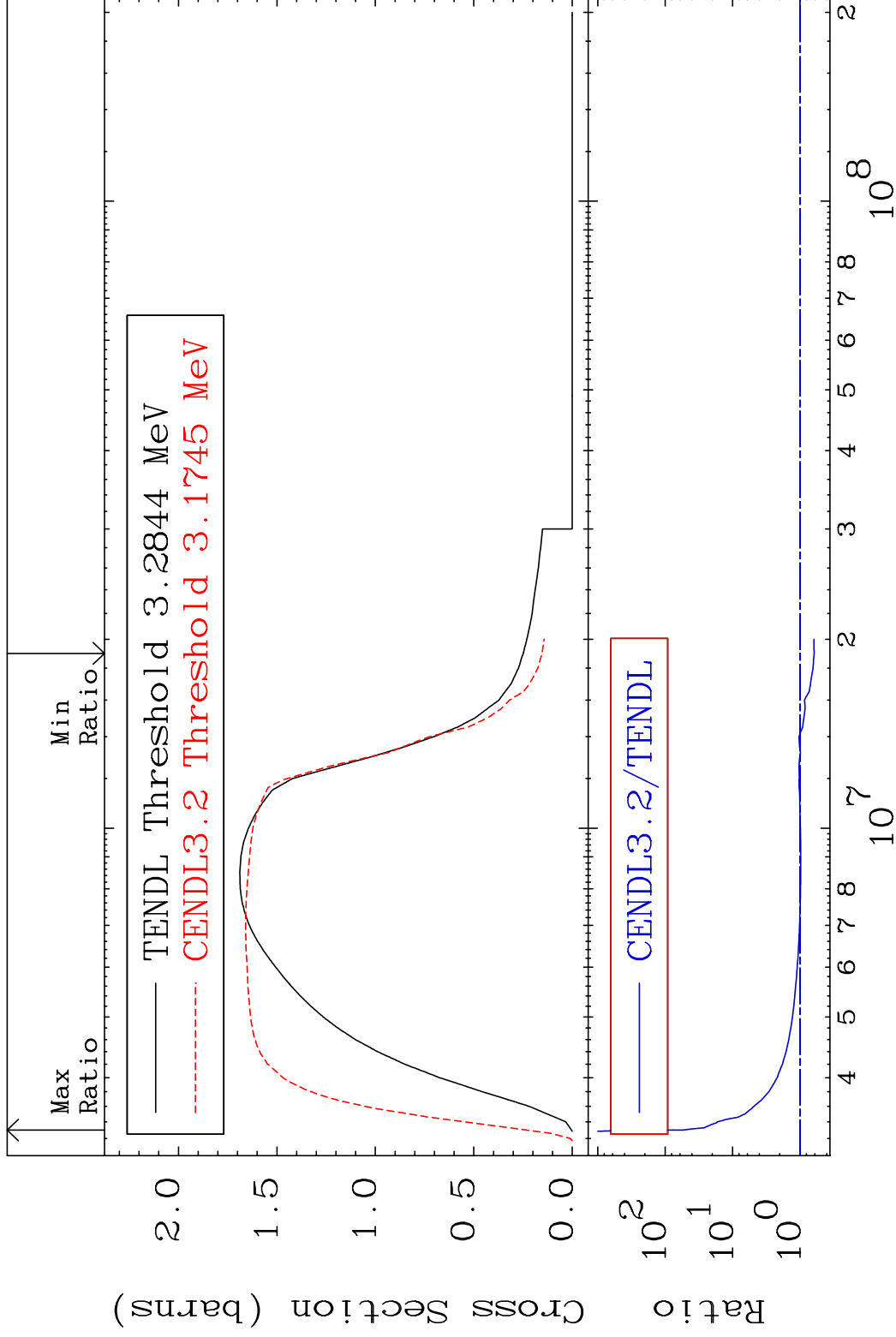


MAT 3925

(n, n') Continuum

39-Y -89

Cross Section -38.41 To 5209. %



20

Incident Energy (eV)

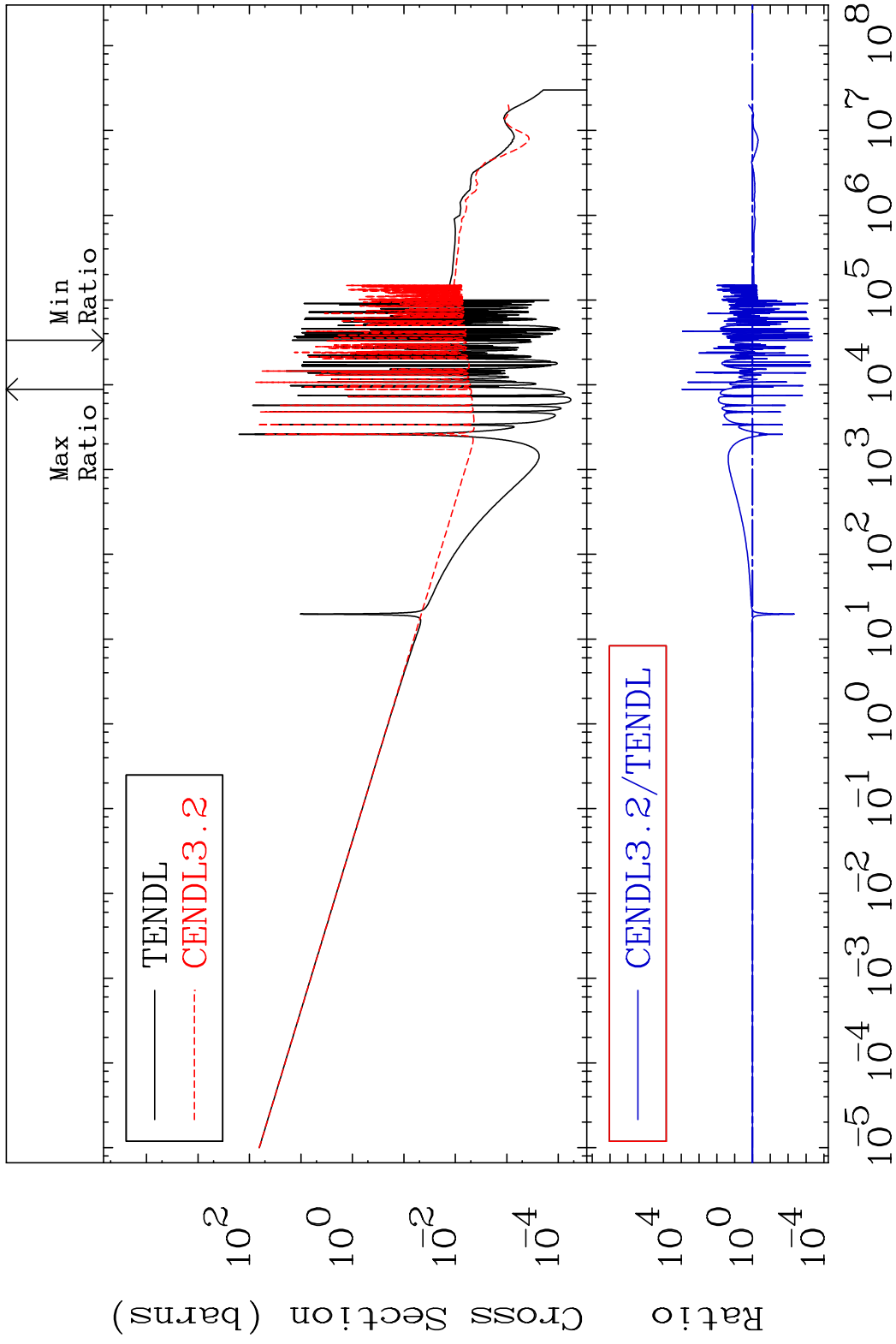
39-Y -89

MAT 3925

(n, γ)

39-Y -89

Cross Section -99.96 To 9999. %



21

Incident Energy (eV)

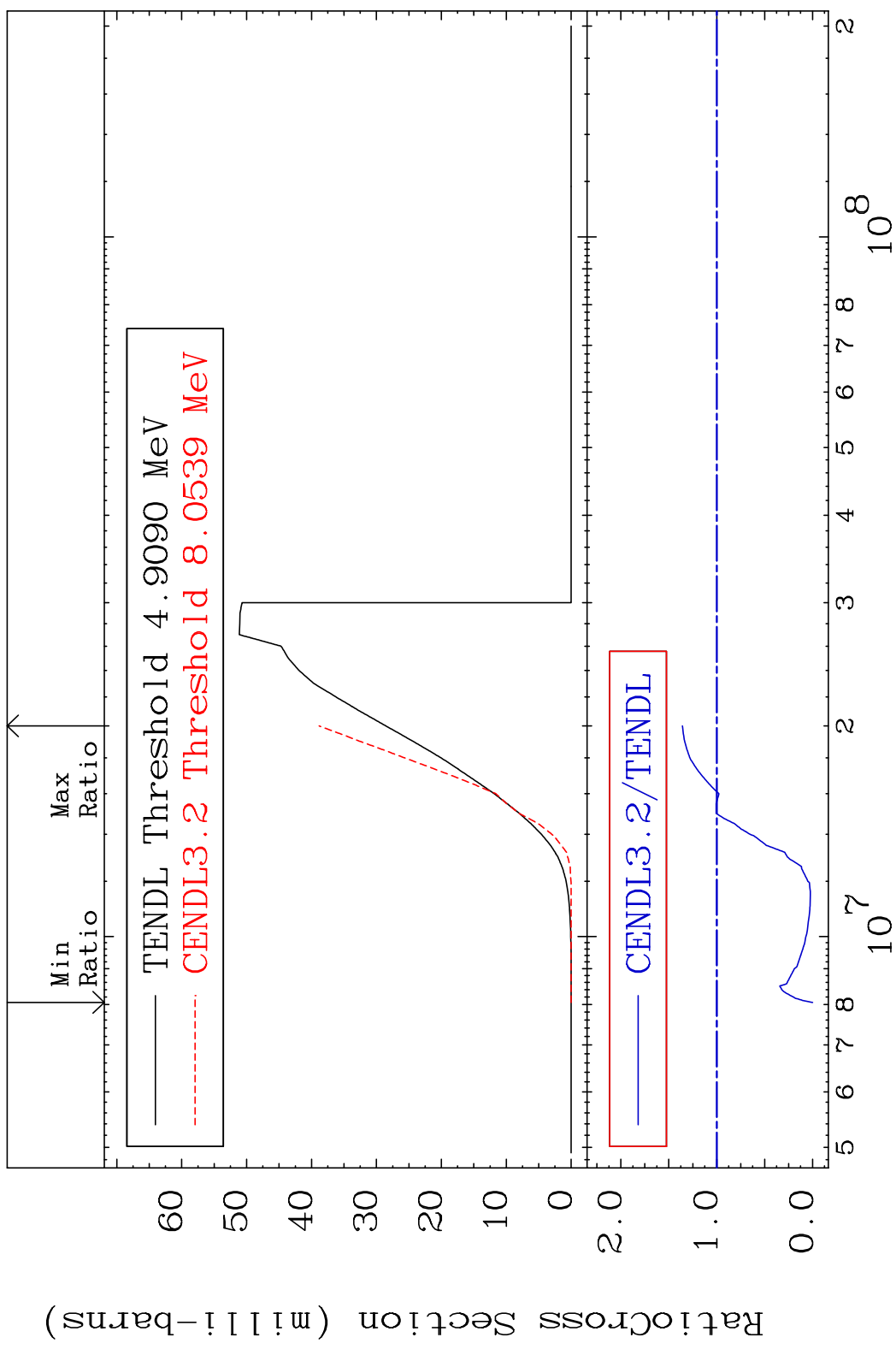
39-Y -89

MAT 3925

(n, d)

39-Y -89

Cross Section -100.0 To 35.87 %

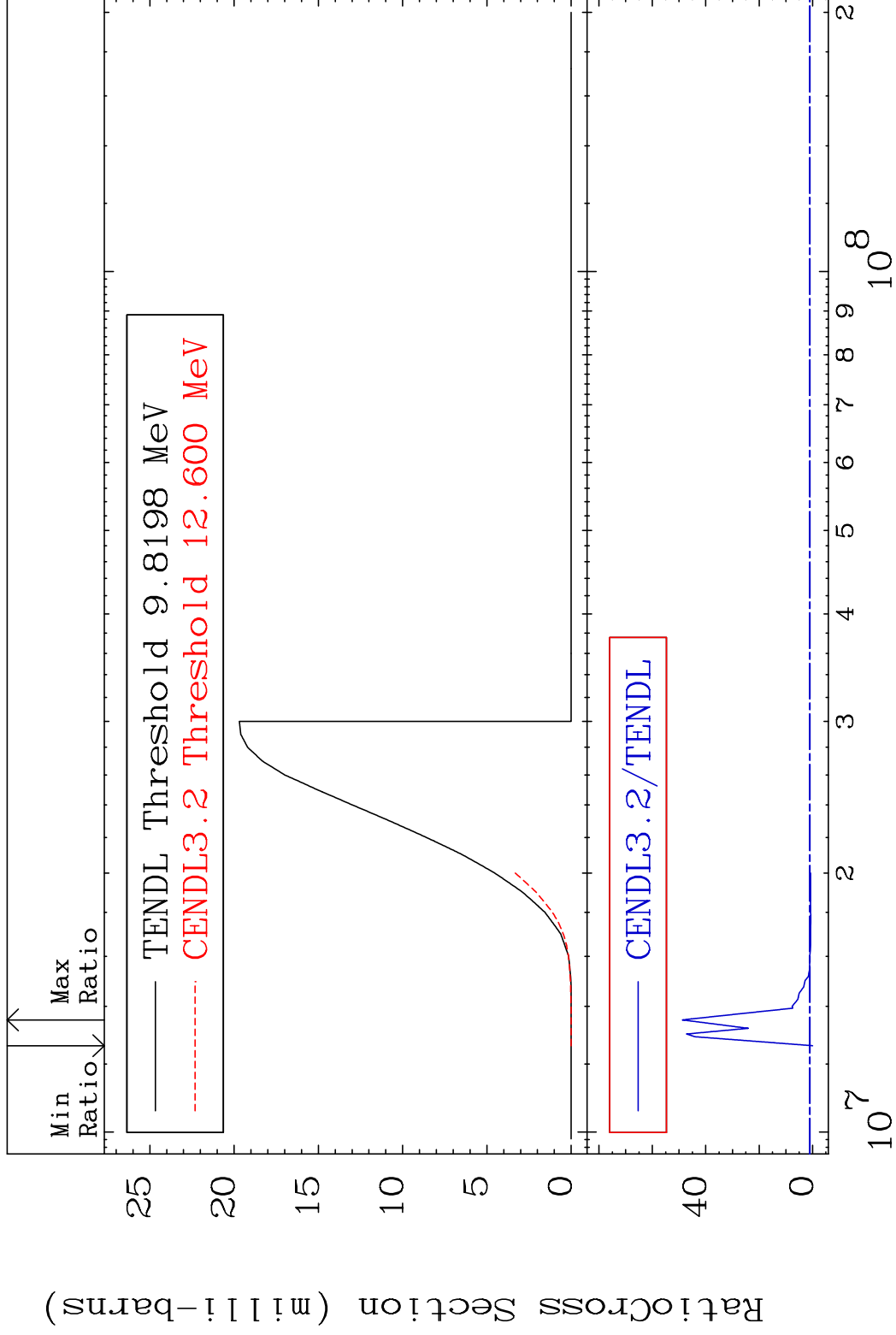


MAT 3925

(n, t)

39-Y -89

Cross Section -100.0 To 4777. %



24

Incident Energy (eV)

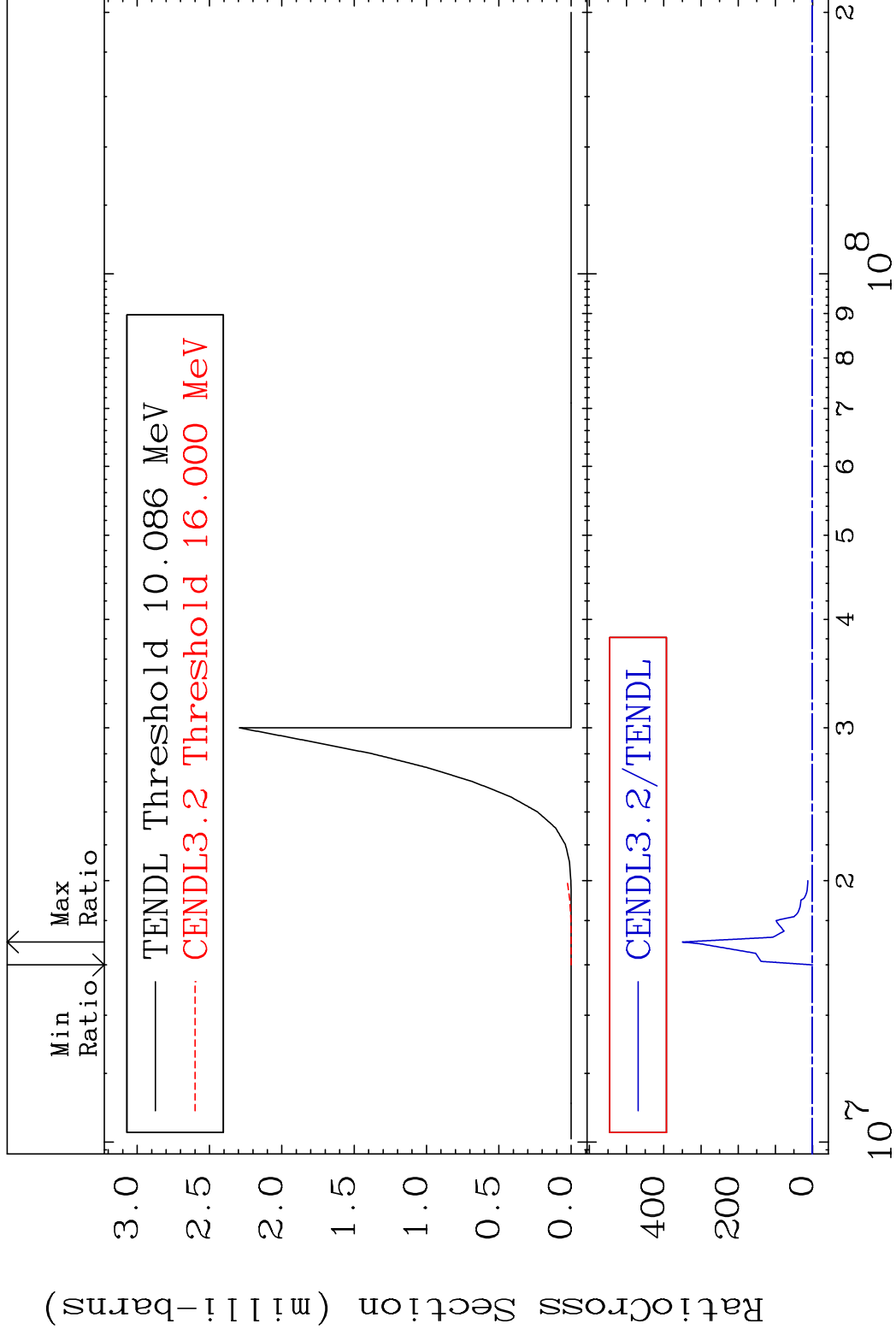
39-Y -89

MAT 3925

(n, He-3)

39-Y -89

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

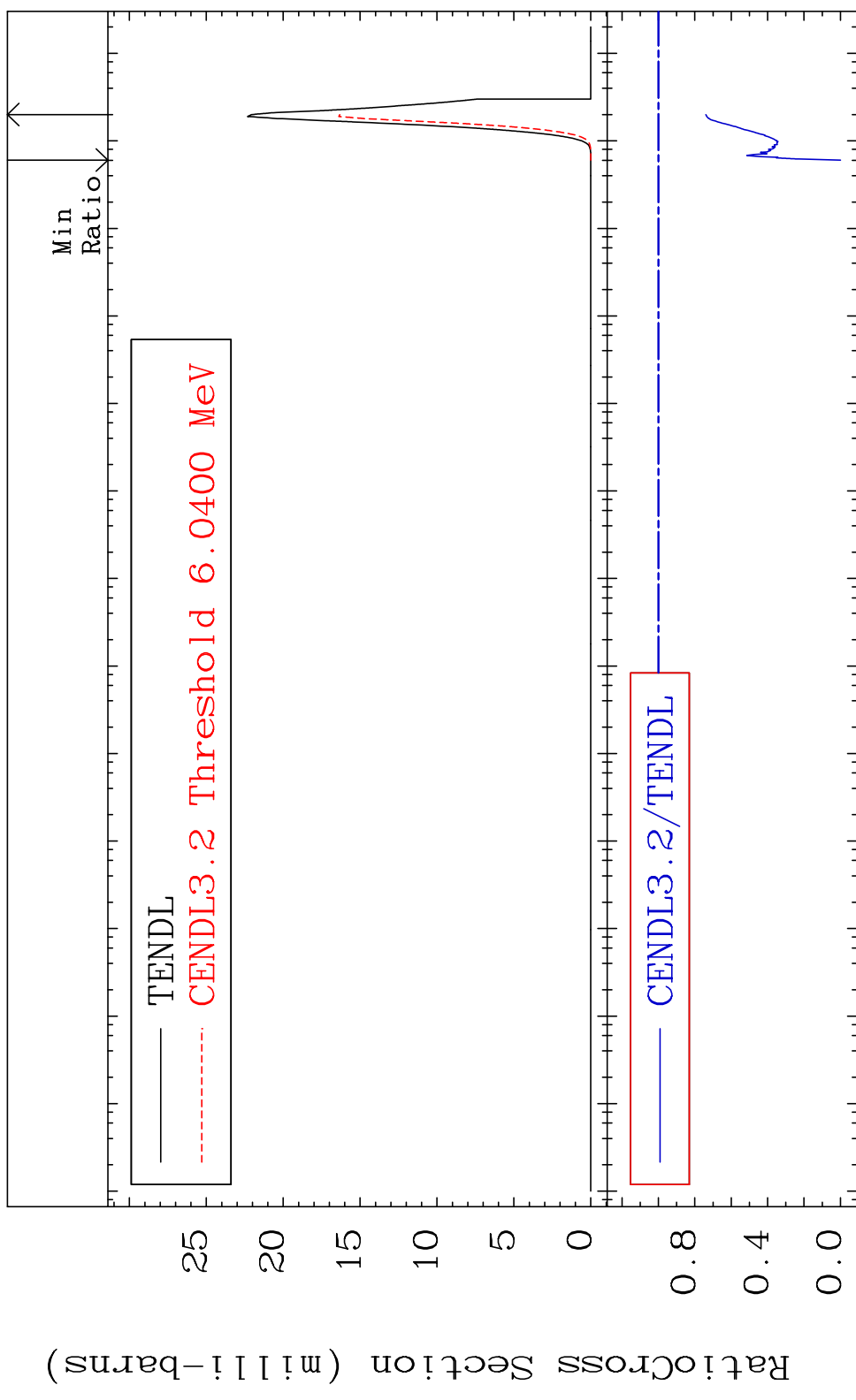
39-Y -89

MAT 3925

(n, α)

39-Y -89

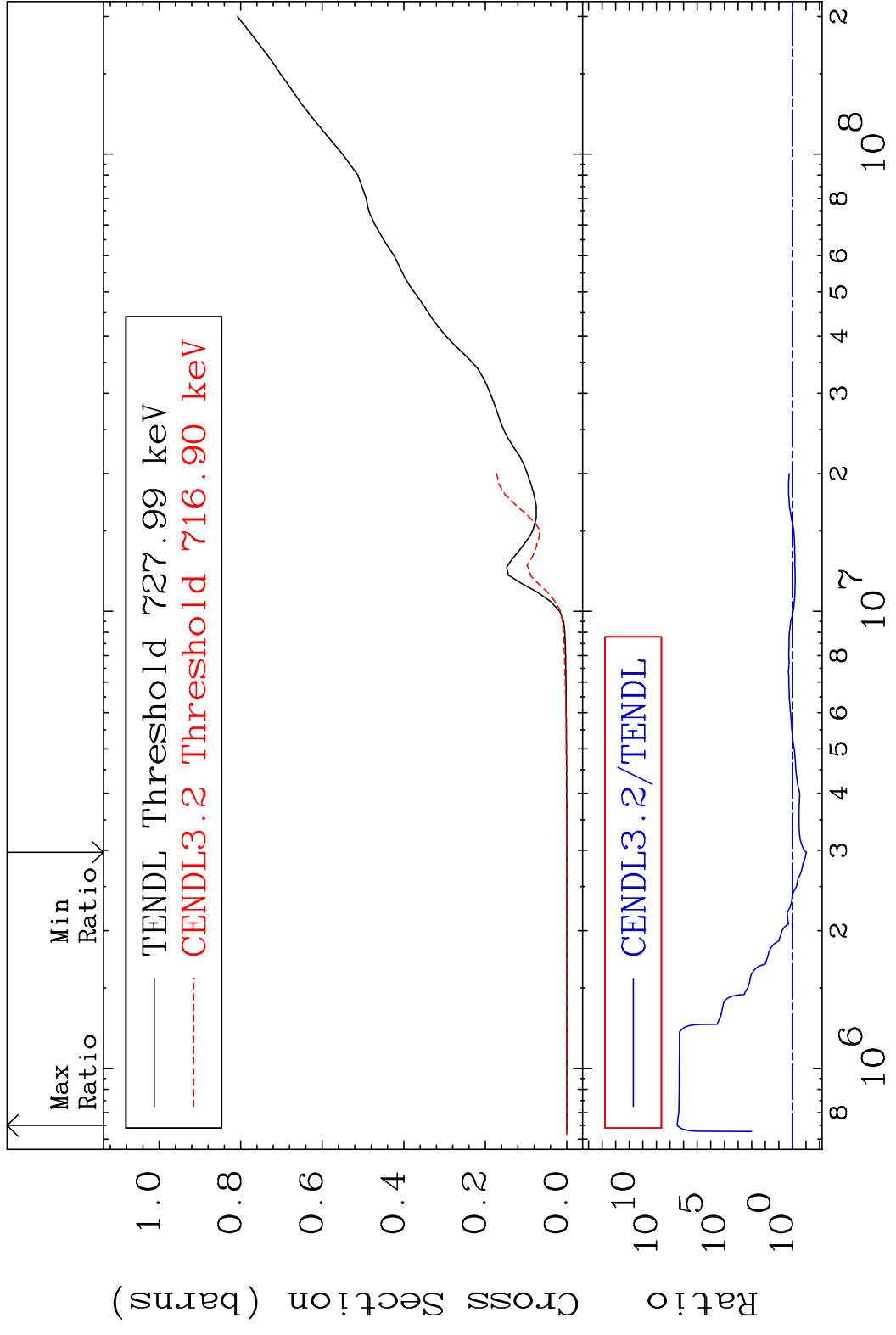
Cross Section -100.0 To -26.01%

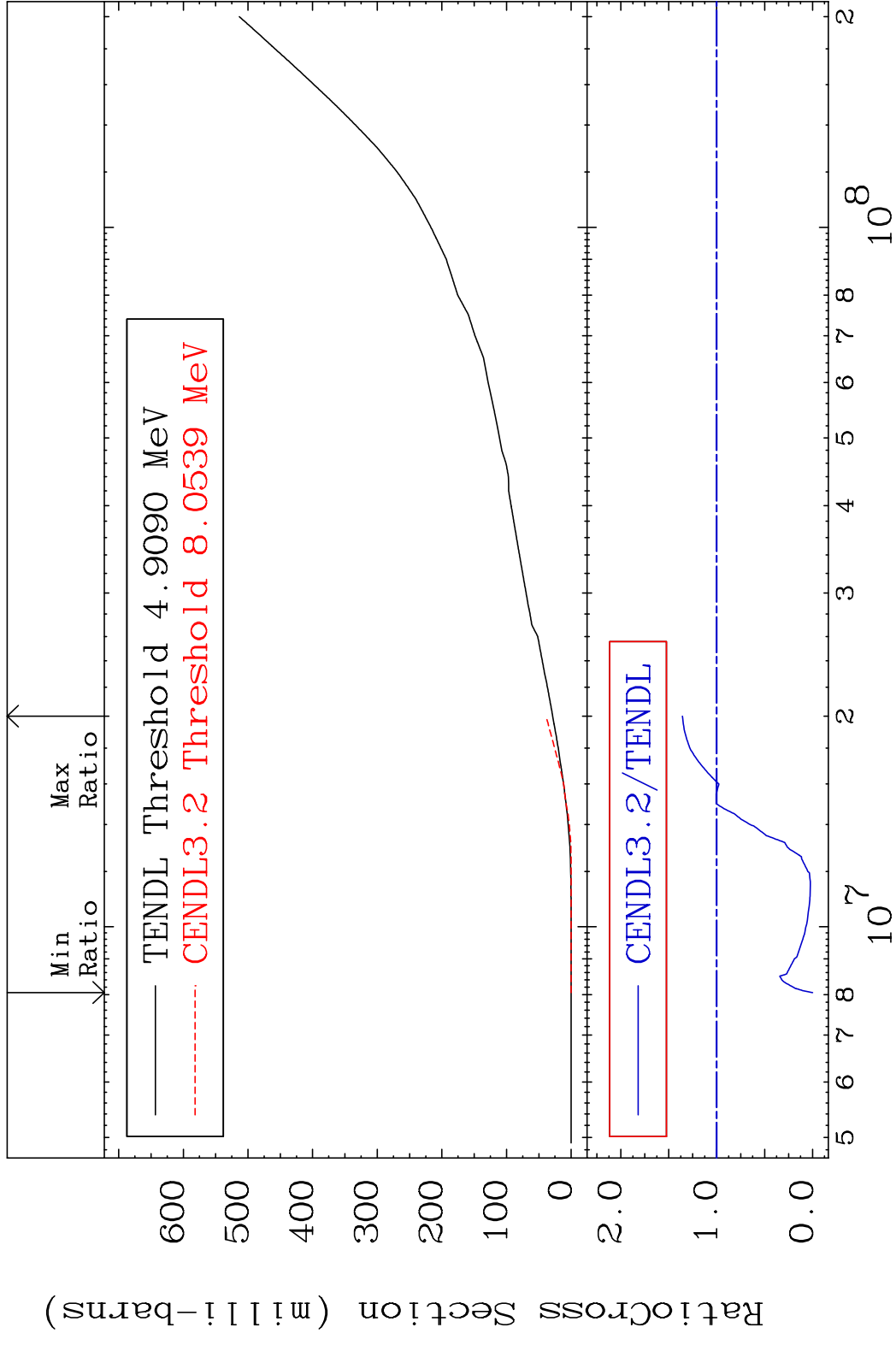


26

Incident Energy (eV)

39-Y -89



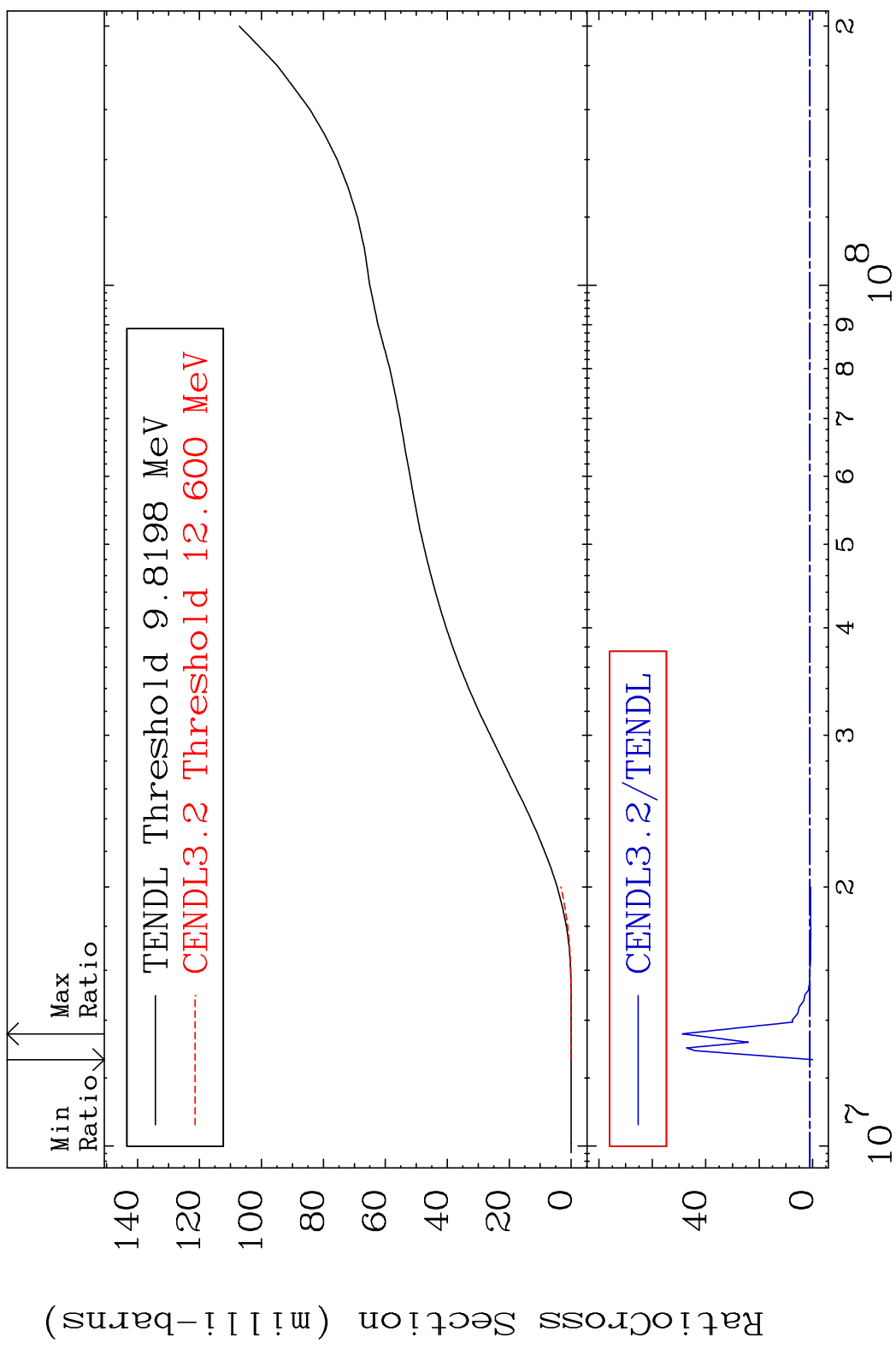


MAT 3925

Tritium Production

39-Y -89

Cross Section -100.0 To 4777. %



29

Incident Energy (eV)

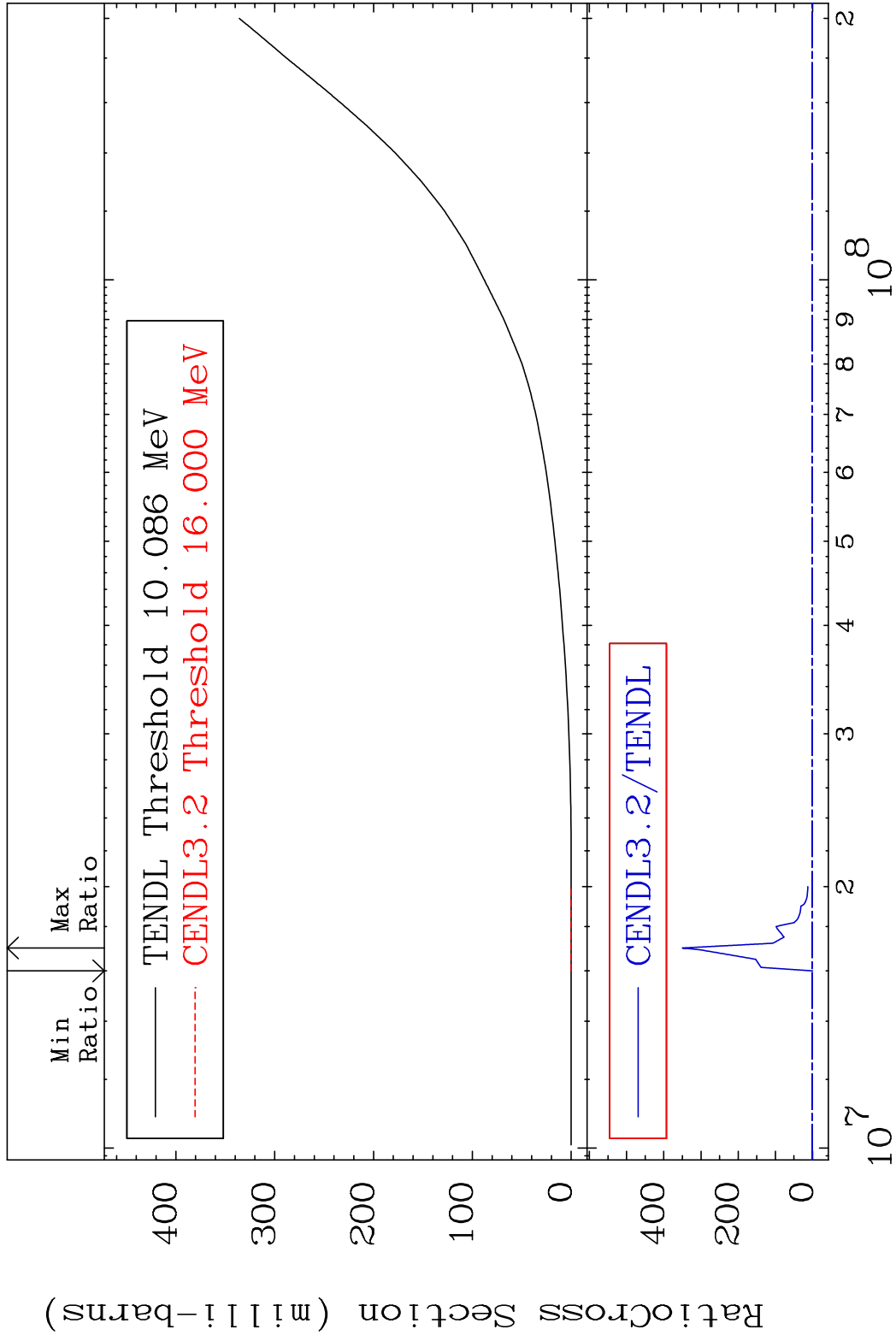
39-Y -89

MAT 3925

He-3 Production

39-Y -89

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

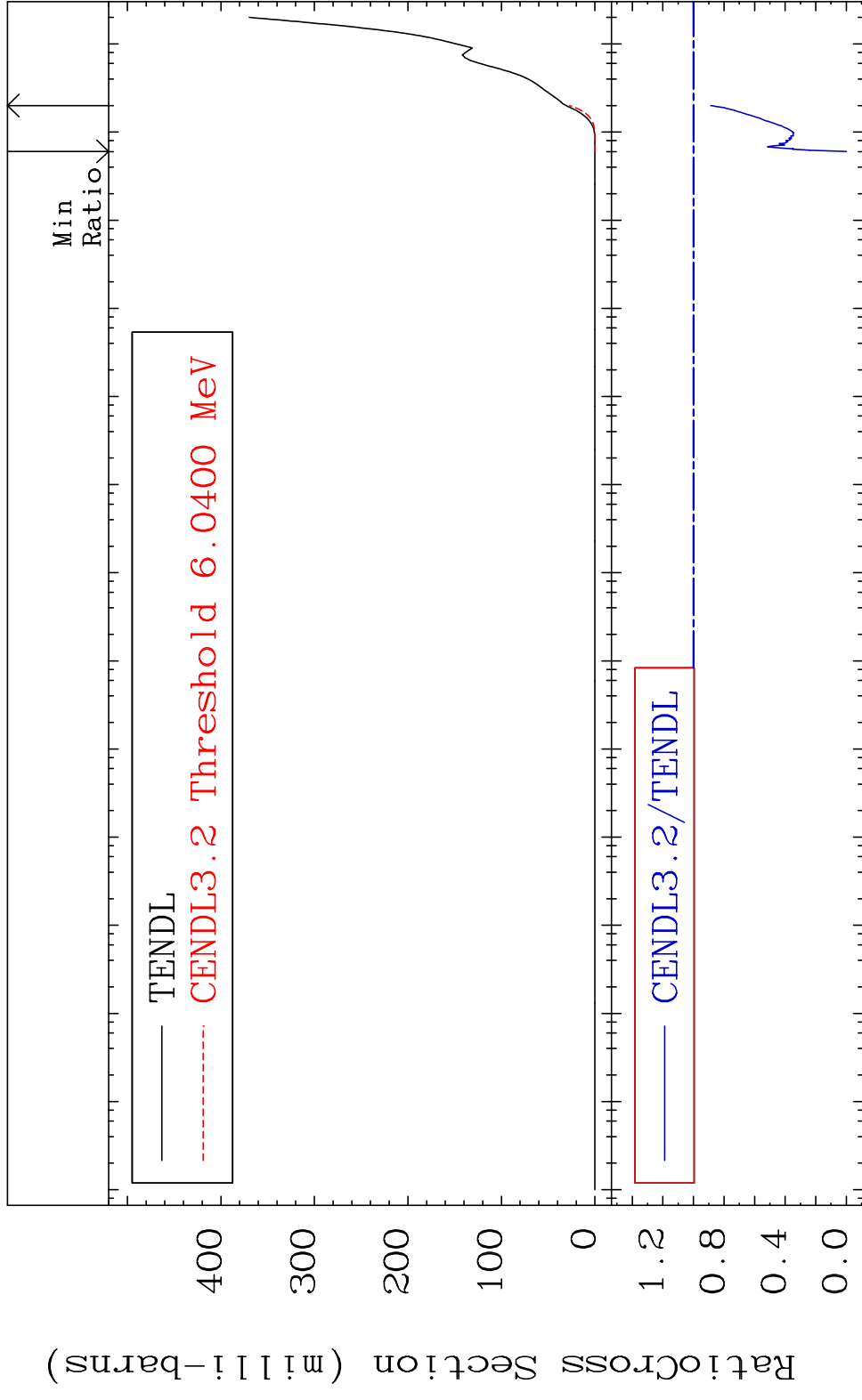
39-Y -89

MAT 3925

He-4 Production

39-Y -89

Cross Section -100.0 To -11.29%

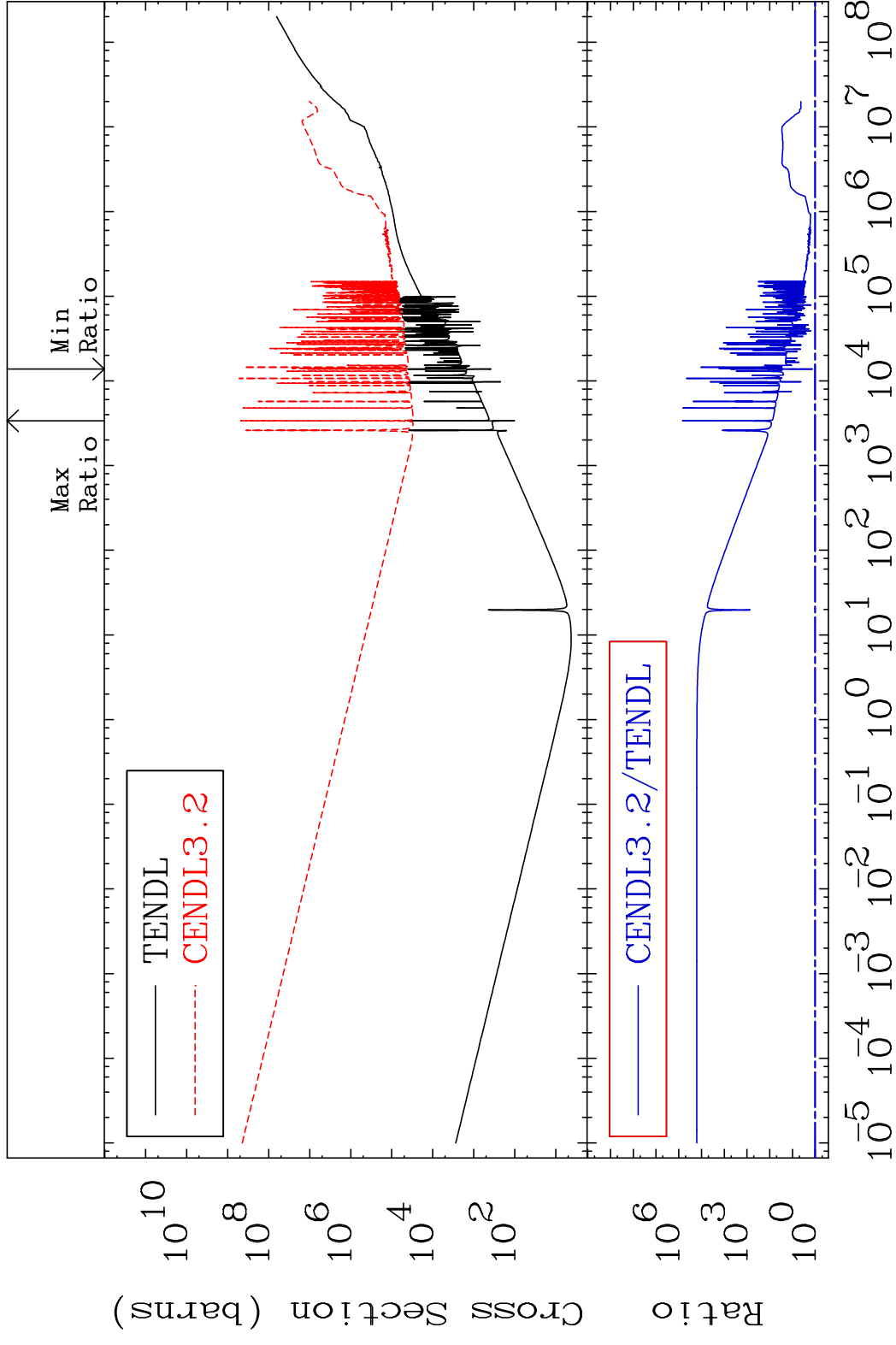


31

Incident Energy (eV)

39-Y -89

MAT 3925 Kerma total (eV-barns) 39-Y -89
 Cross Section 31.05 To 9999. %

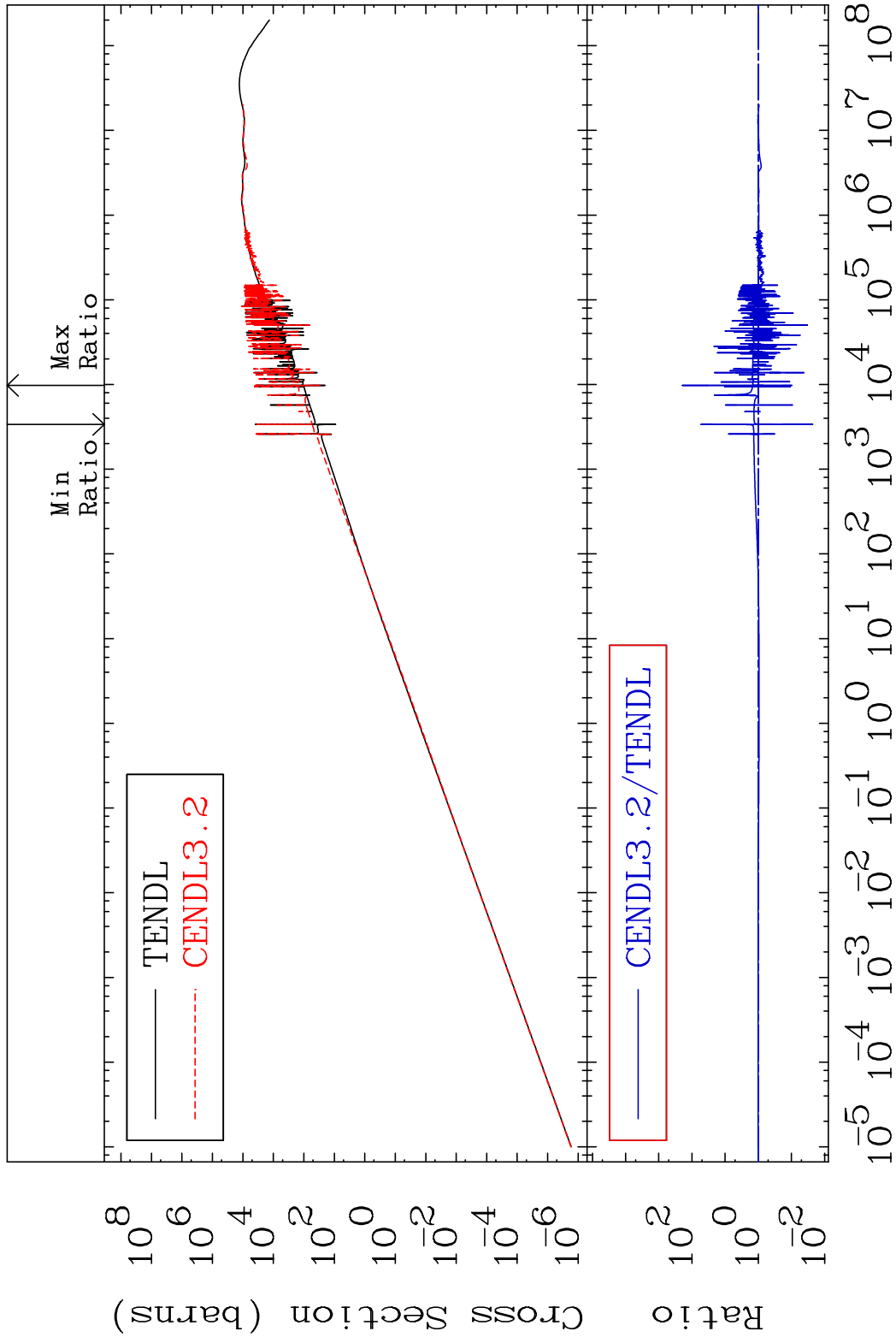


32 Incident Energy (eV) 39-Y -89

MAT 3925

Kerma elastic
Cross Section

39-Y -89
-97.69 To 9999. %

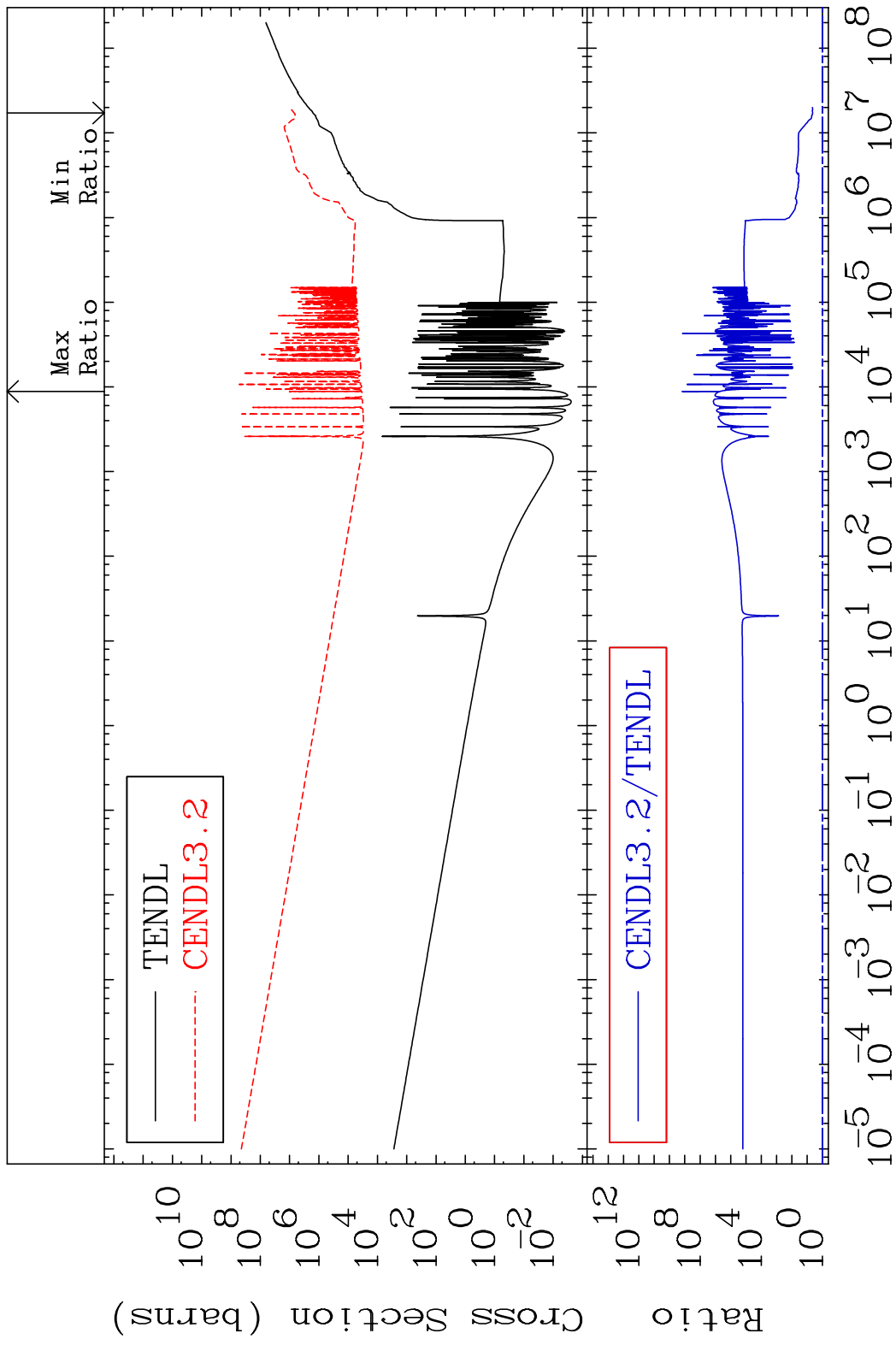


33

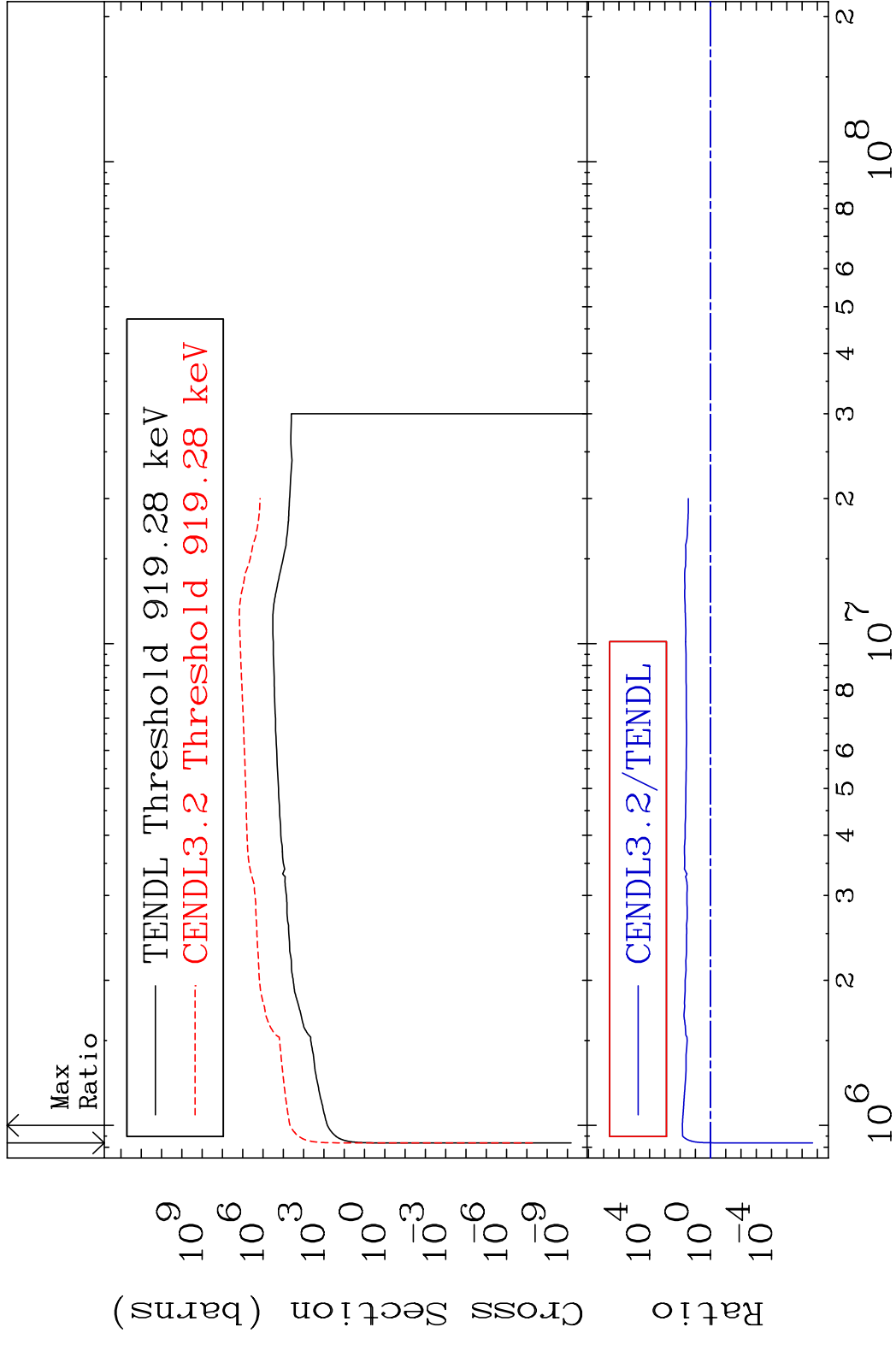
Incident Energy (eV)

39-Y -89

MAT 3925 Kerma non-elastic (all but mt2) 39-Y -89
 Cross Section 342.8 To 9999. %

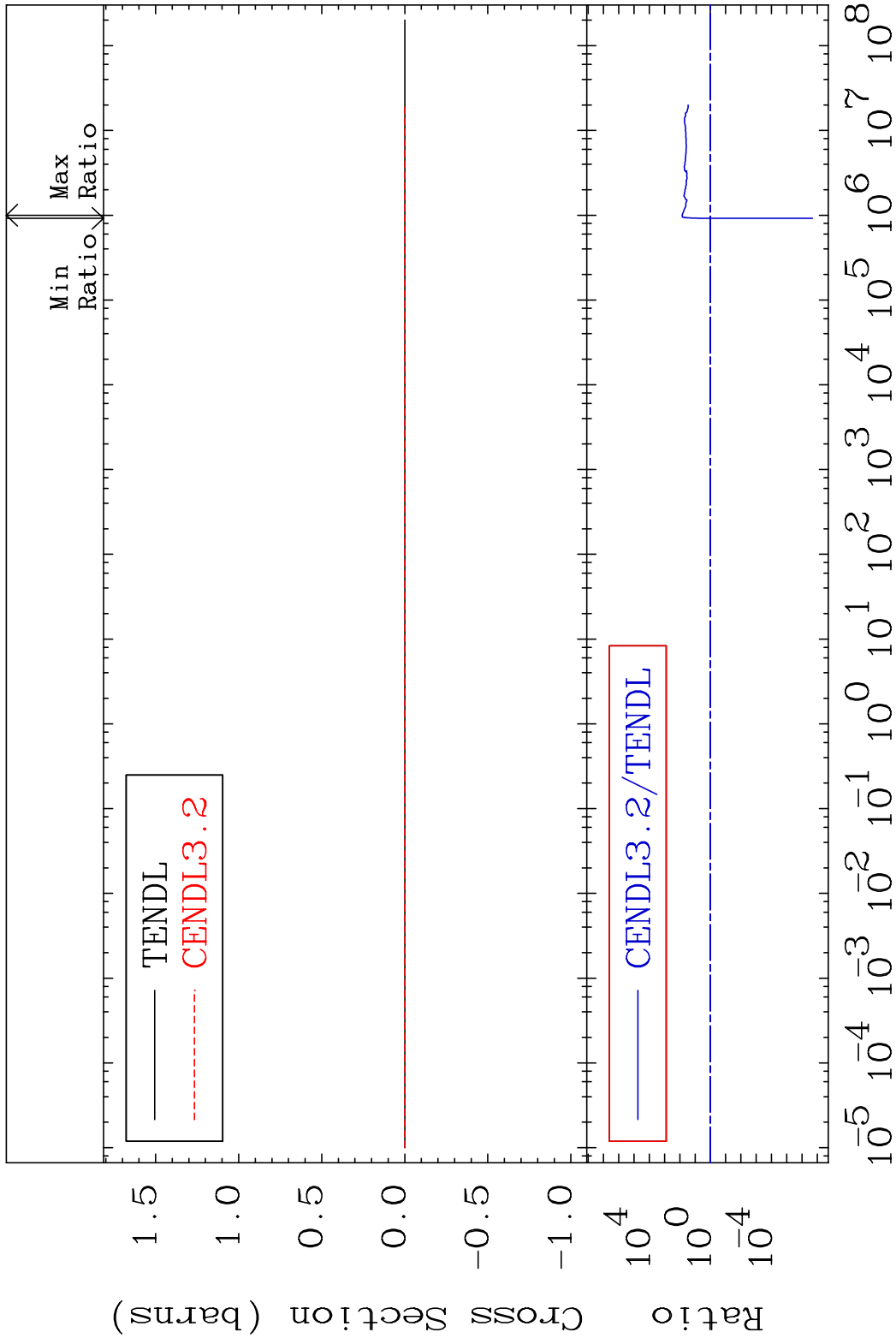


MAT 3925 Kerma inelastic (mt51-91) 39-Y -89
 Cross Section -100.0 To 6938. %

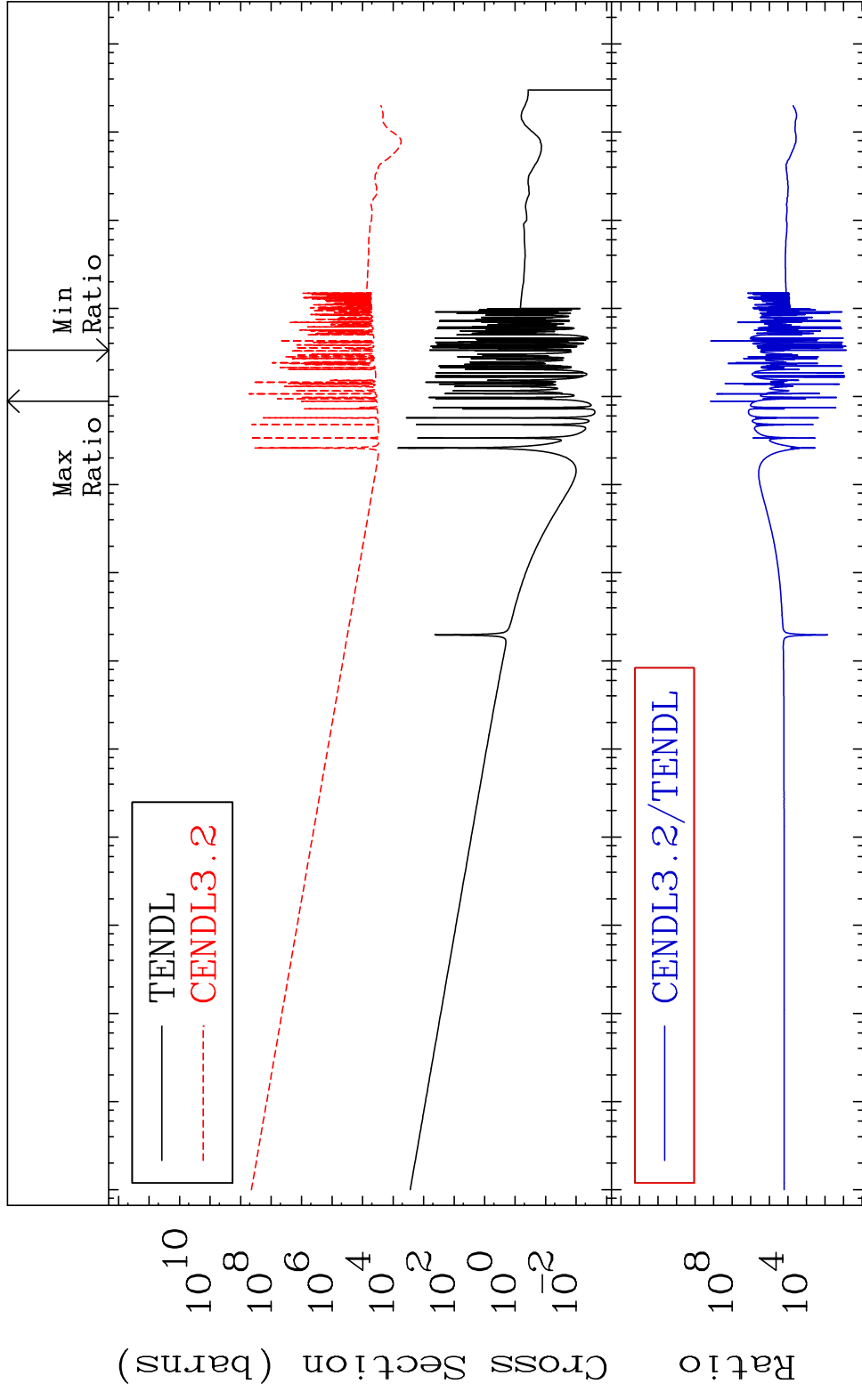


35 Incident Energy (eV) 39-Y -89

MAT 3925 Kerma fission (mt18 or mt19-20-21-38) 39-Y -89
 Cross Section -100.0 To 6938. %

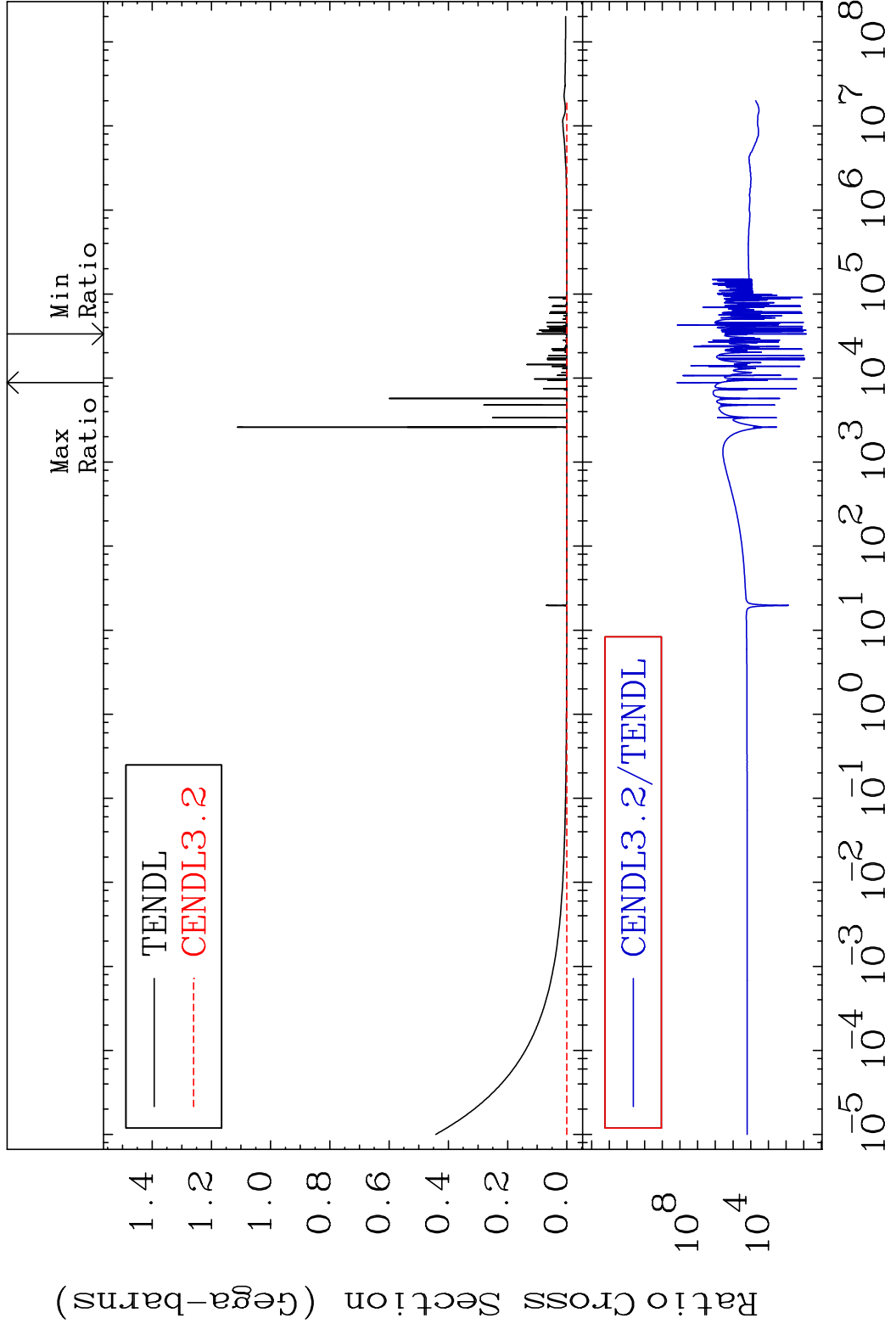


MAT 3925 Kerma capture (mt102) 39-Y -89
 Cross Section 6970. To 9999. %

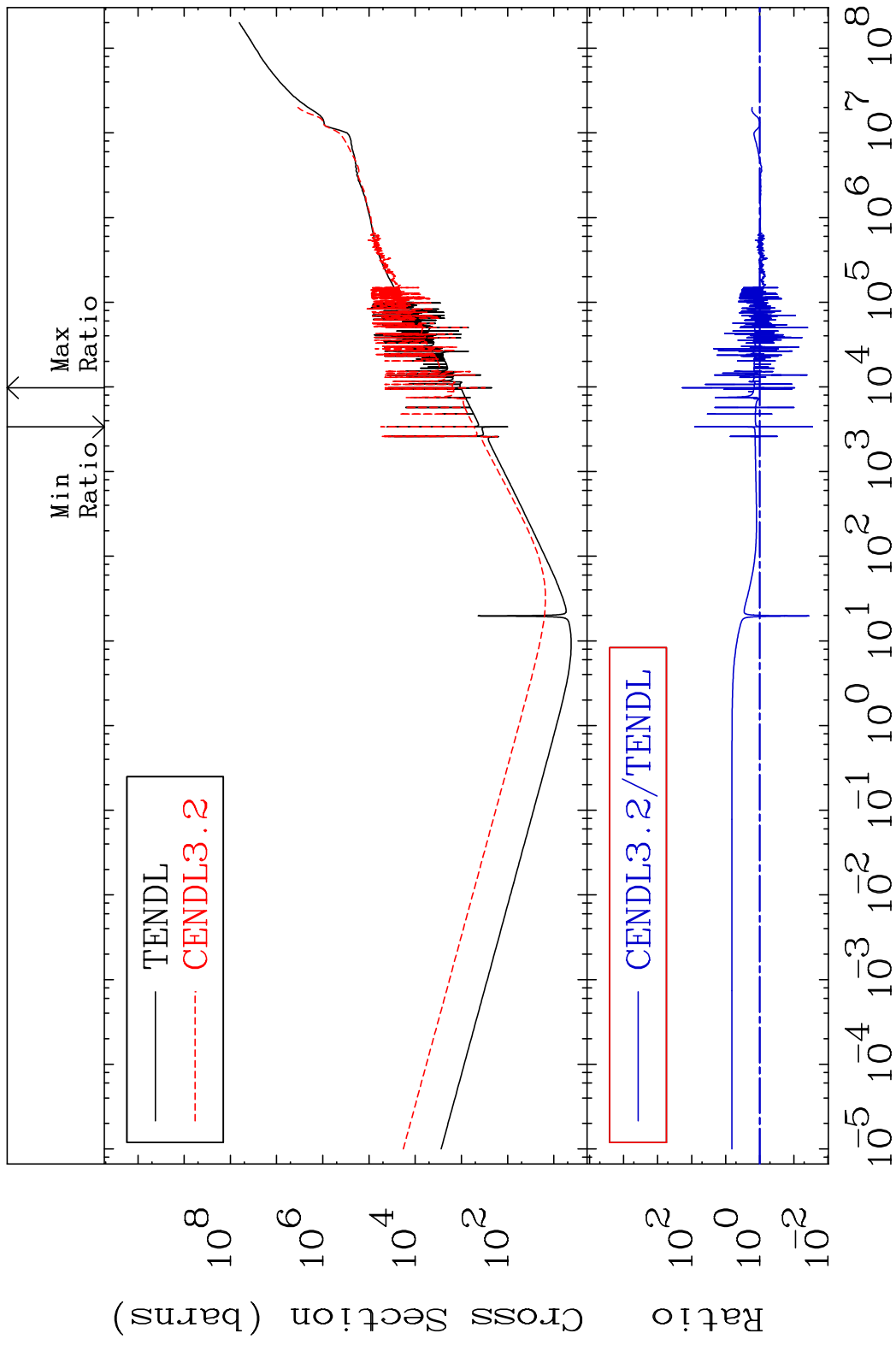


37 Incident Energy (eV) 39-Y -89

MAT 3925 Total photon (eV-barns) 39-Y -89
 Cross Section 6970. To 9999. %

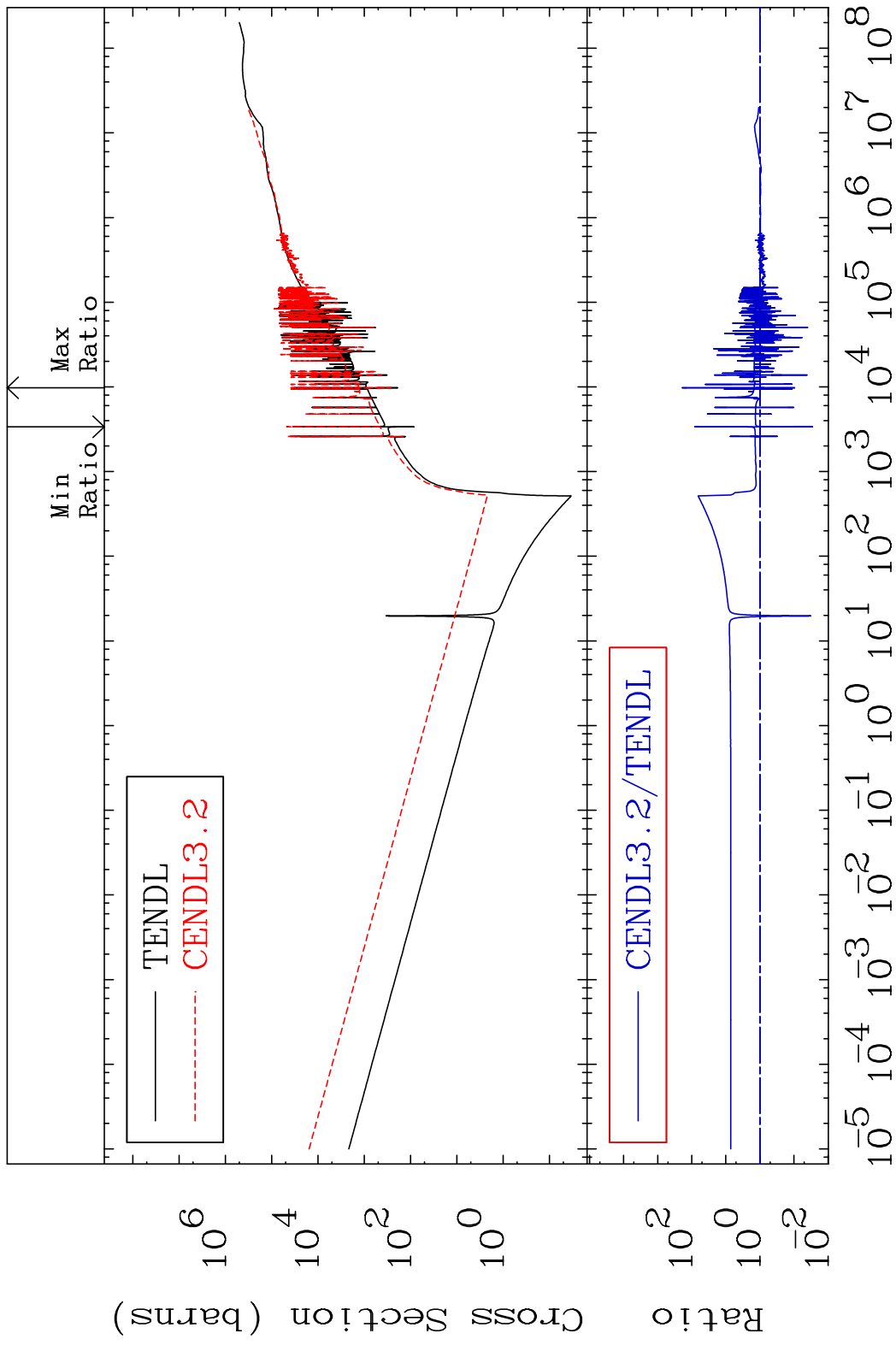


MAT 3925 Total kinematic kerma (high limit) 39-Y -89
 Cross Section -97.17 To 9999. %



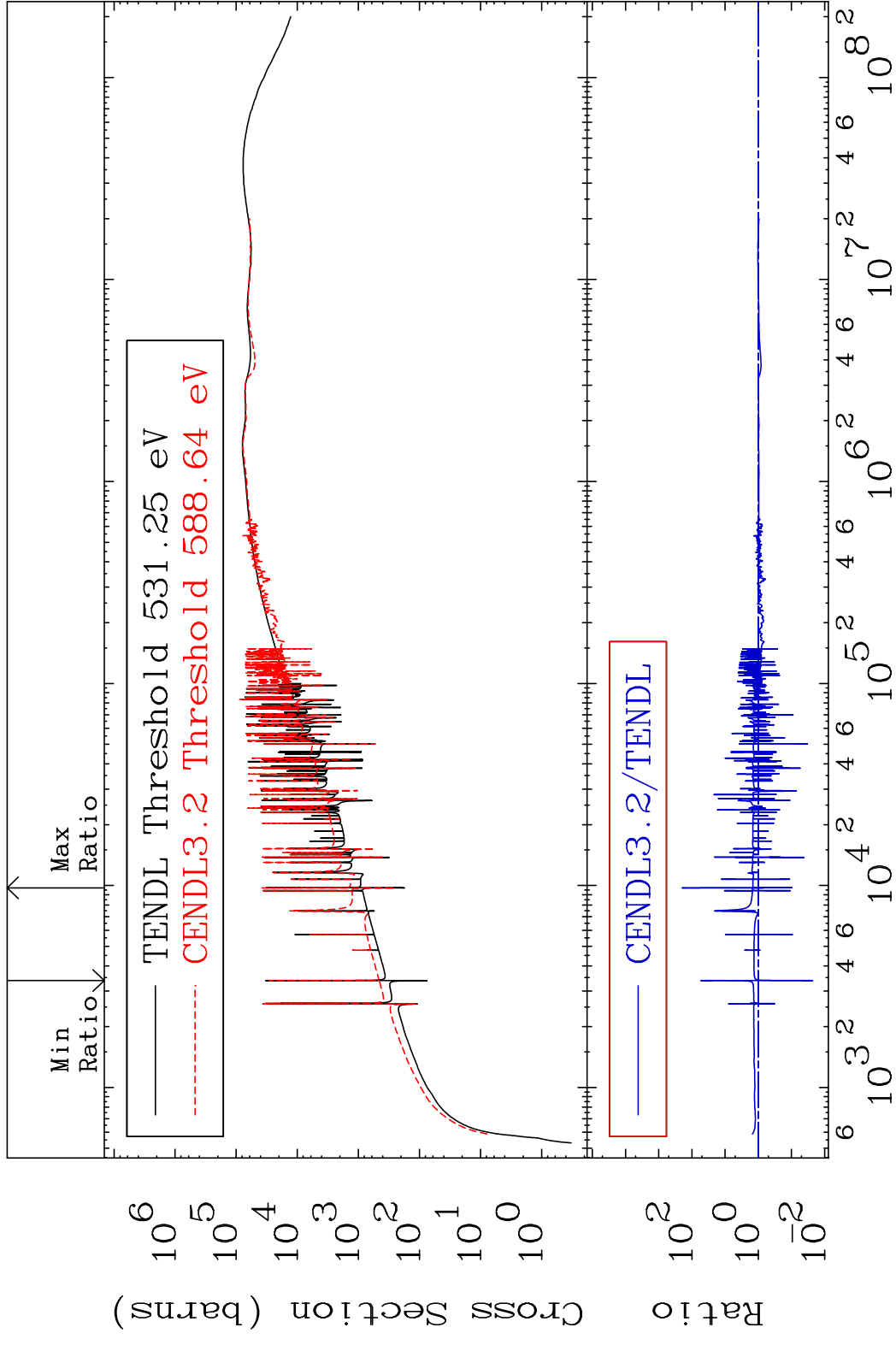
39 Incident Energy (eV) 39-Y -89

MAT 3925 Dpa total (eV-barns) 39-Y -89
Cross Section -97.16 To 9999. %

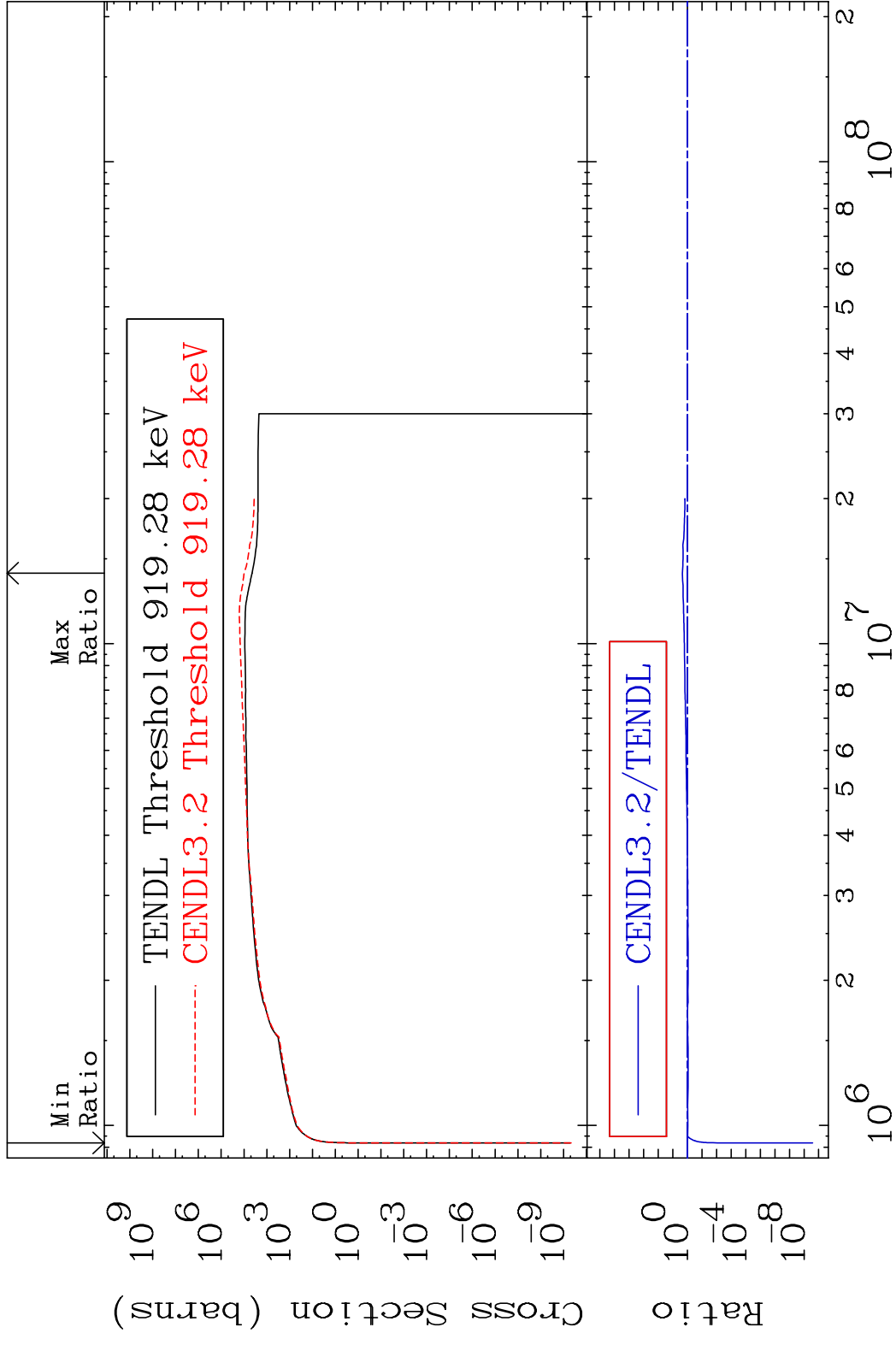


40 Incident Energy (eV) 39-Y -89

MAT 3925 Dpa elastic (mt2) 39-Y -89
 Cross Section -97.69 To 9999. %

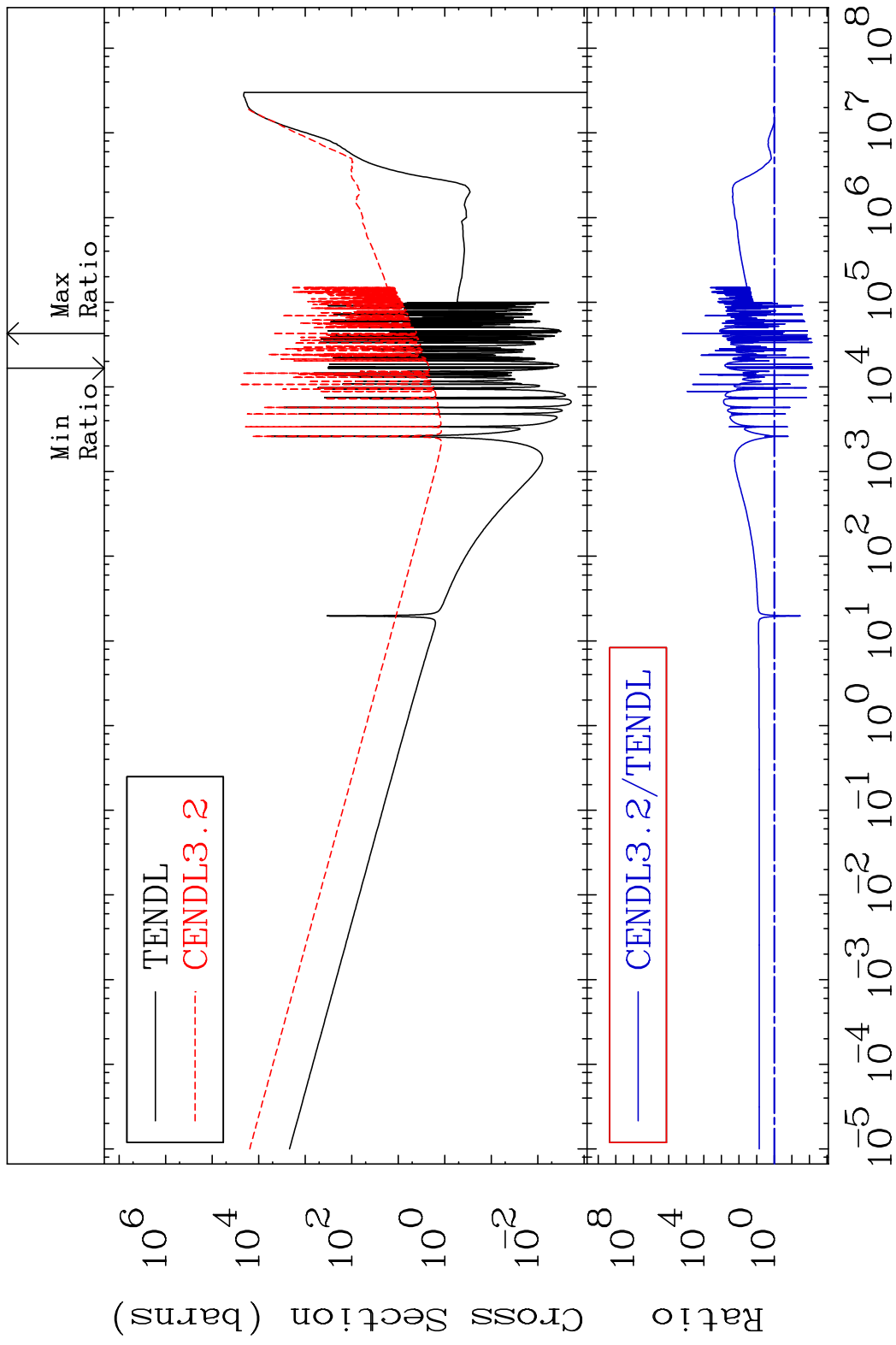


MAT 3925 Dpa inelastic (mt51-91) 39-Y -89
 Cross Section -100.0 To 120.4 %

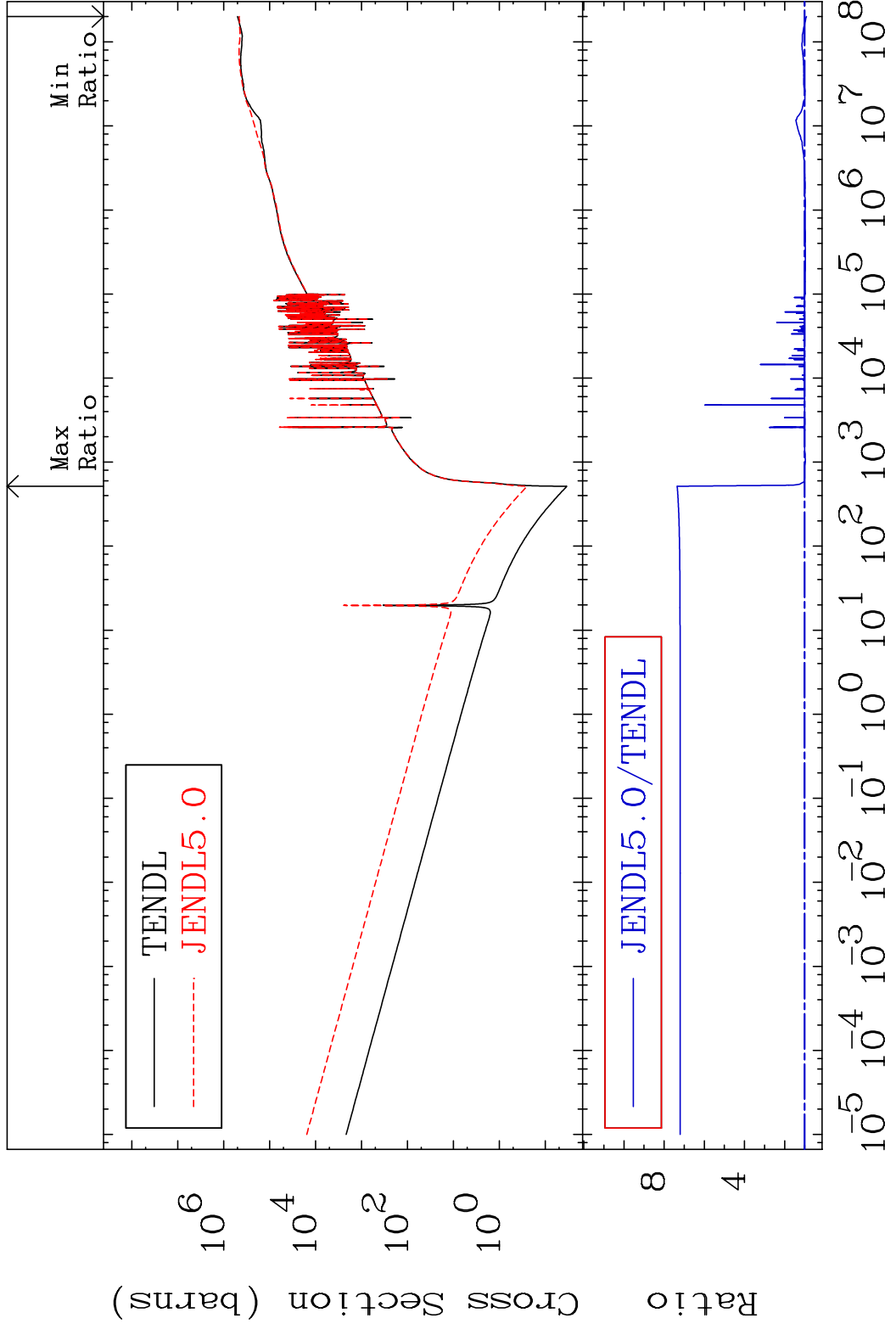


42 Incident Energy (eV) 39-Y -89

MAT 3925 Dpa disappearance (mt102 -120) 39-Y -89
 Cross Section -99.33 To 9999. %



MAT 3925 Dpa total (eV-barns) 39-Y -89
 Cross Section -8.359 To 635.0 %



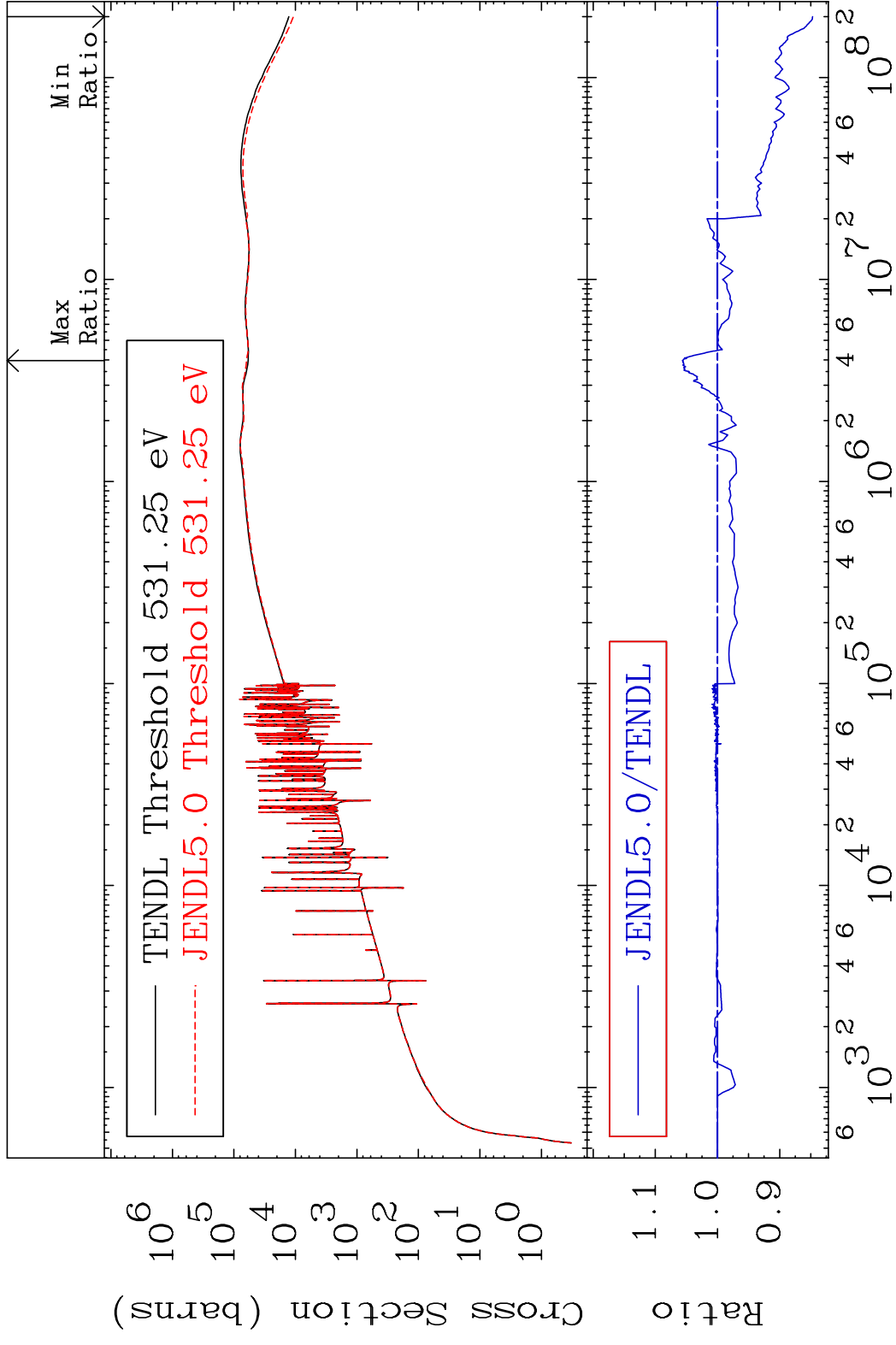
44 Incident Energy (eV) 39-Y -89

MAT 3925

Dpa elastic (mt2)

39-Y -89

Cross Section -15.29 To 5.657 %

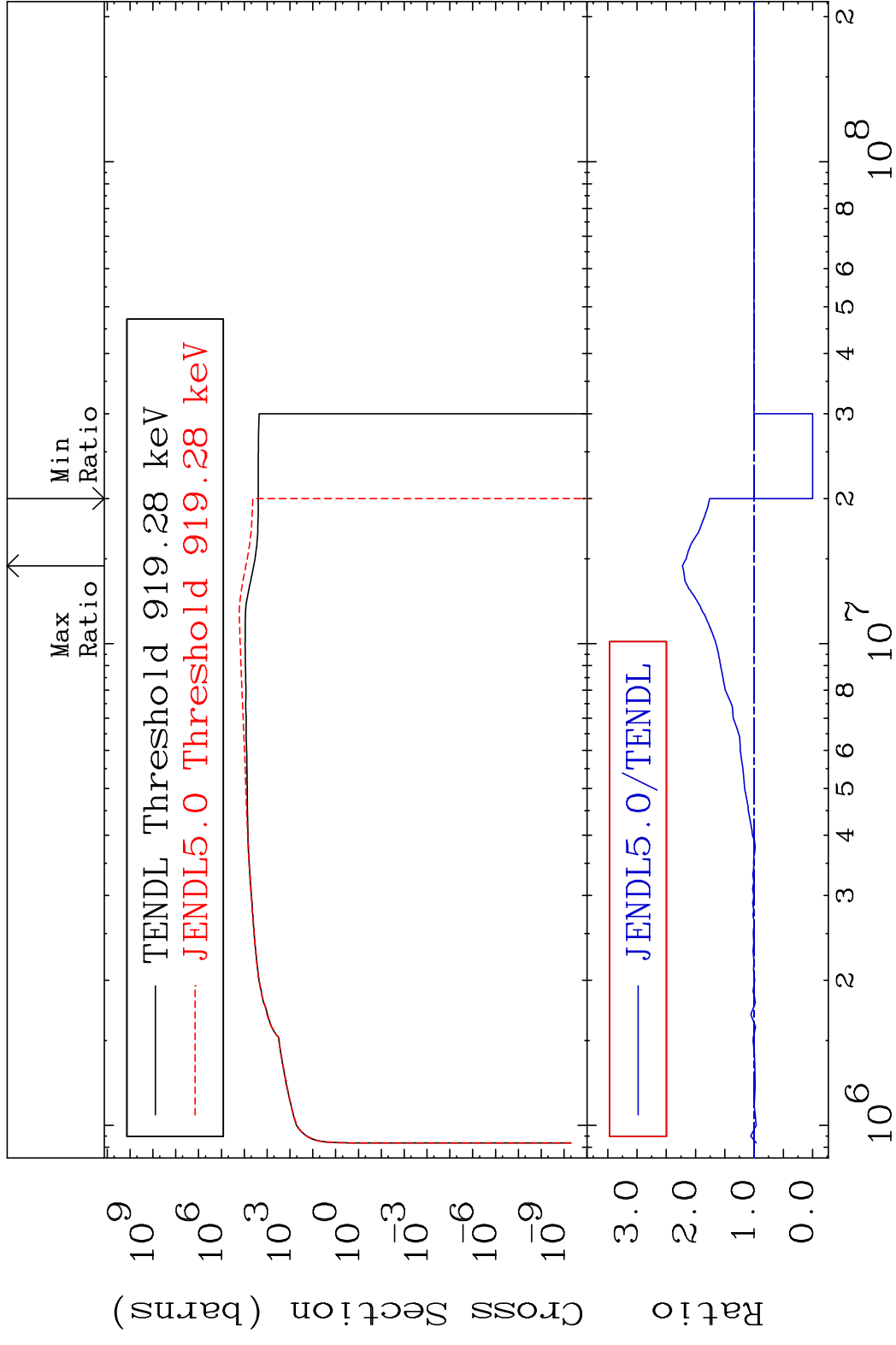


45

Incident Energy (eV)

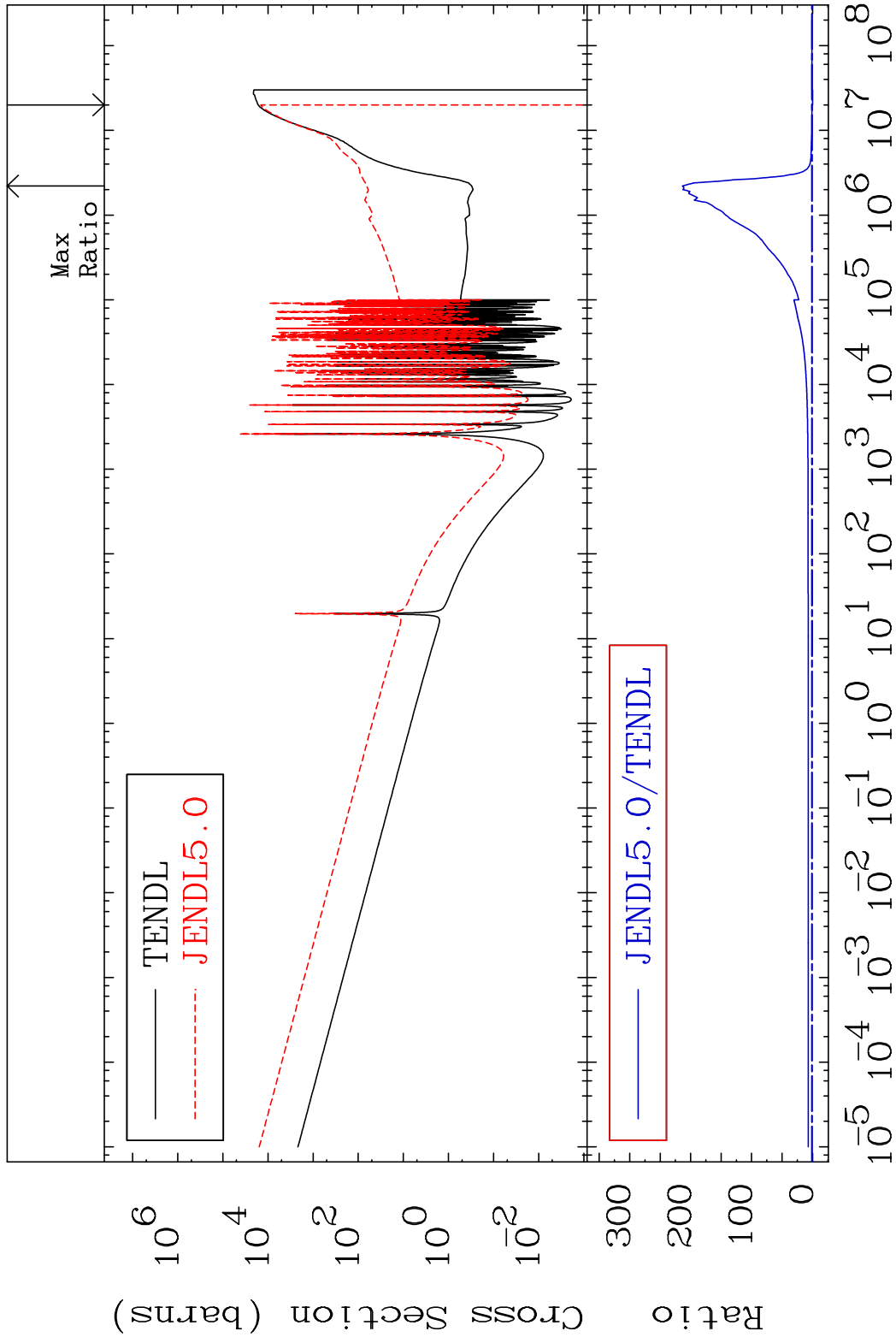
39-Y -89

MAT 3925 Dpa inelastic (mt51-91) 39-Y -89
 Cross Section -100.0 To 122.5 %



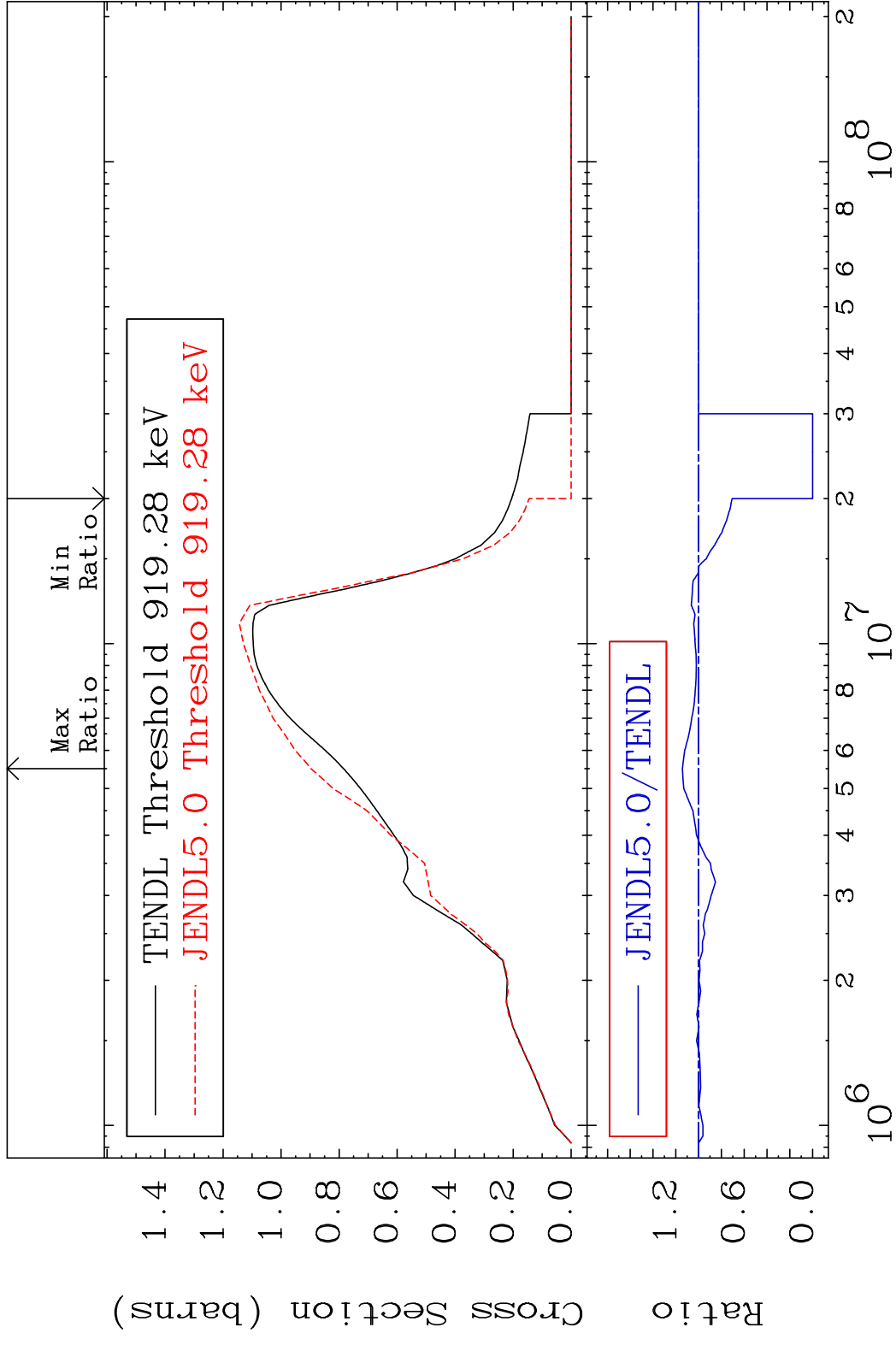
46 Incident Energy (eV) 39-Y -89

MAT 3925 Dpa disappearance (mt102 -120) 39-Y -89
 Cross Section -100.0 To 9999. %

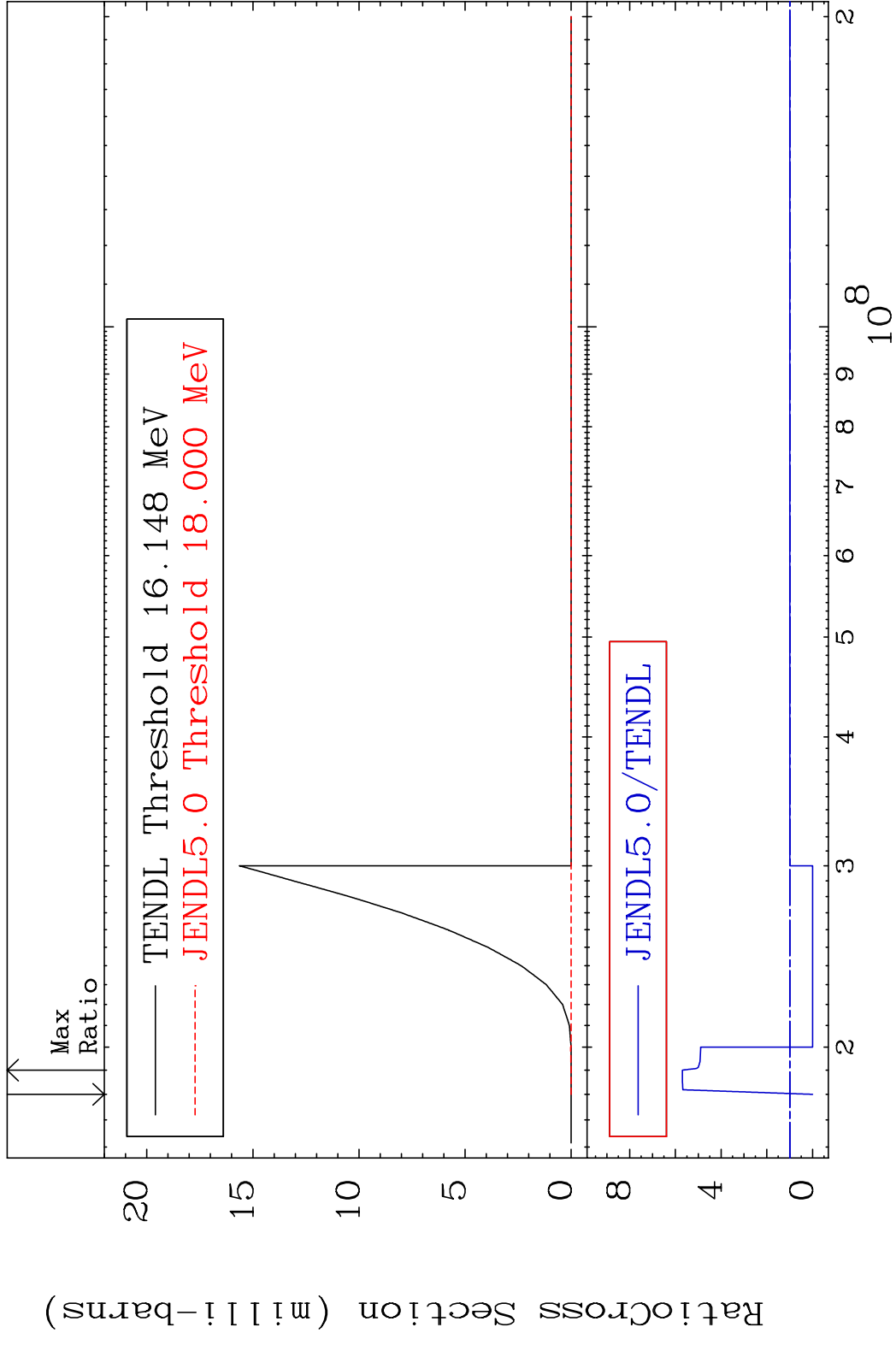


47 Incident Energy (eV) 39-Y -89

MAT 3925 Inelastic:39-Y -89m1 39-Y -89
 Radionuclide Production Cross Section 180.01 dno 14.28 %



48 Incident Energy (eV) 39-Y -89



MAT 3925 (n, n') d:38-Sr-87m1 39-Y -89
 Radionuclide Production Cross Section 180.0 dth 392.0 %

