

Program Complot
(Version 2021-1)

by

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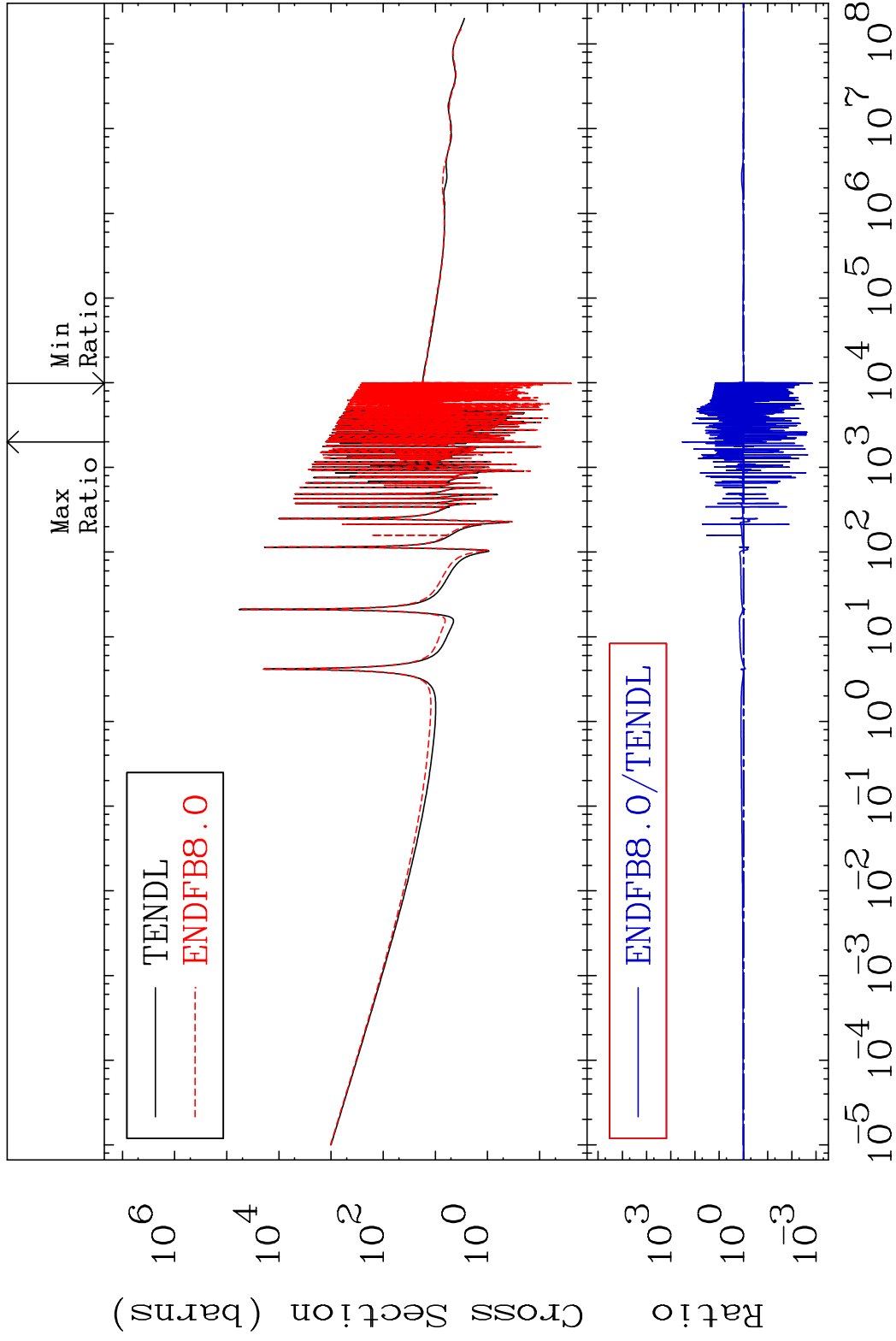
Press Mouse Button to Start

MAT 7431

74-W -182

Total

Cross Section -99.86 To 9999. %



1

Incident Energy (eV)

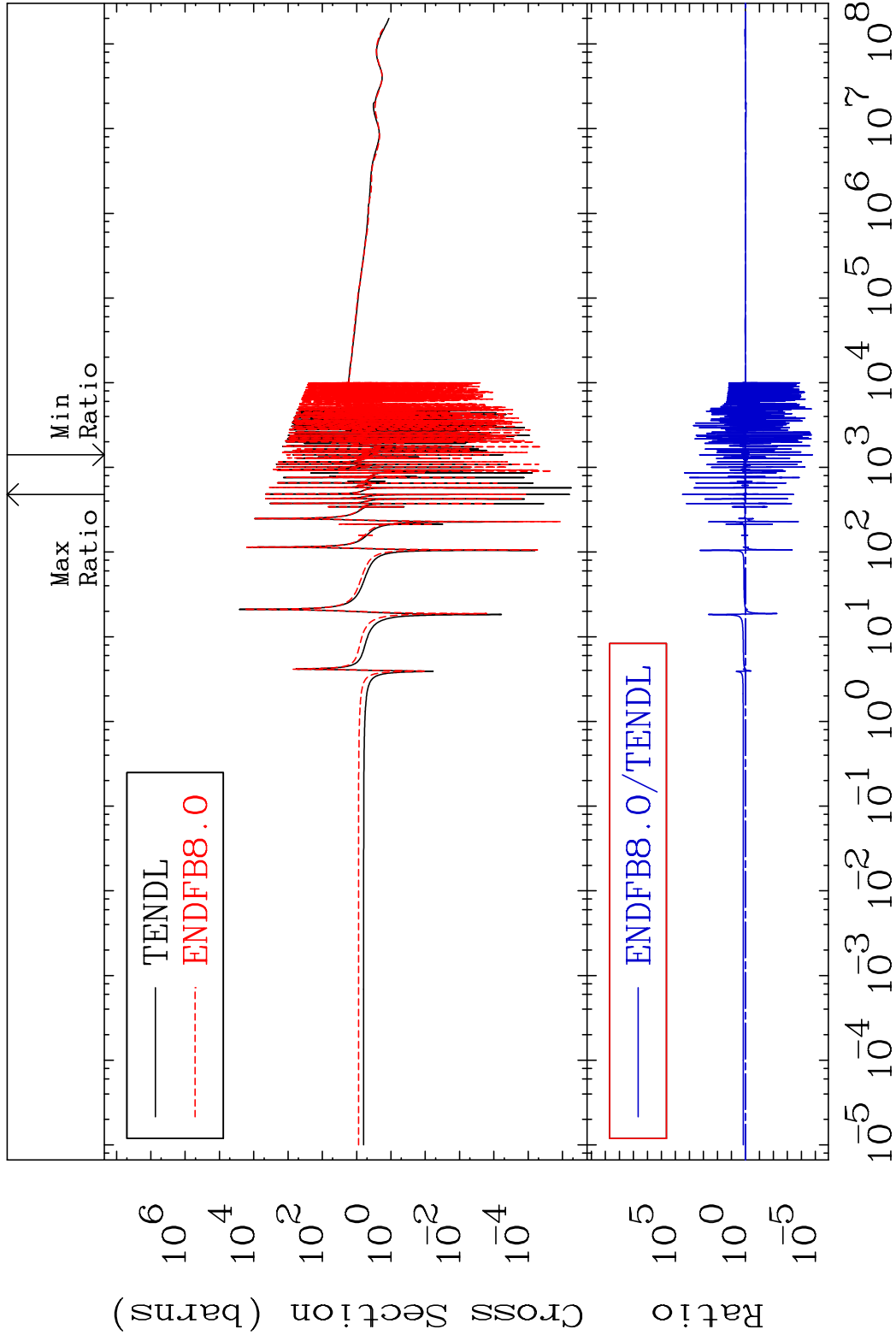
74-W -182

MAT 7431

Elastic

74-W -182

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

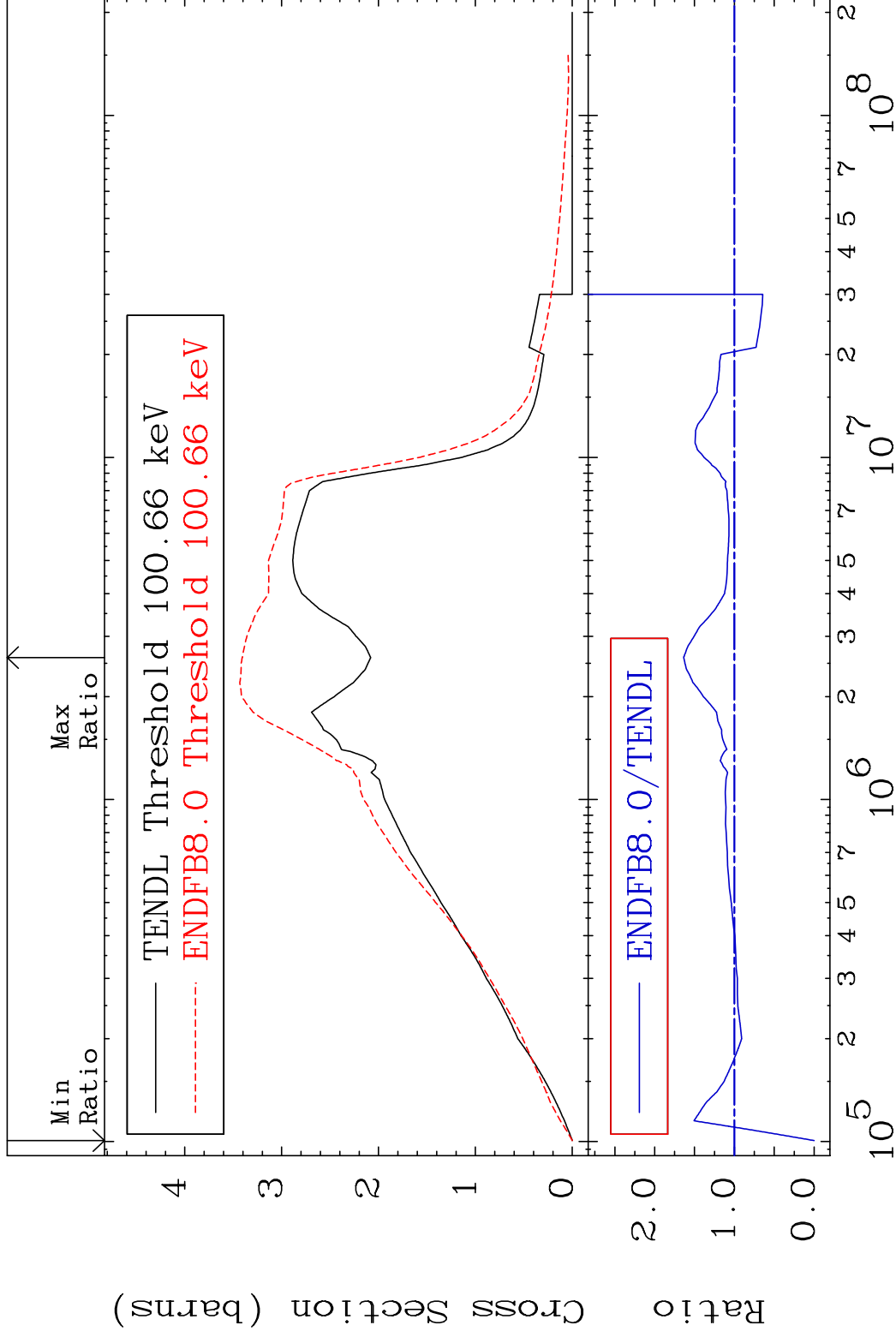
74-W -182

MAT 7431

Inelastic

74-W -182

Cross Section -100.0 To 63.64 %



3

Incident Energy (eV)

74-W -182

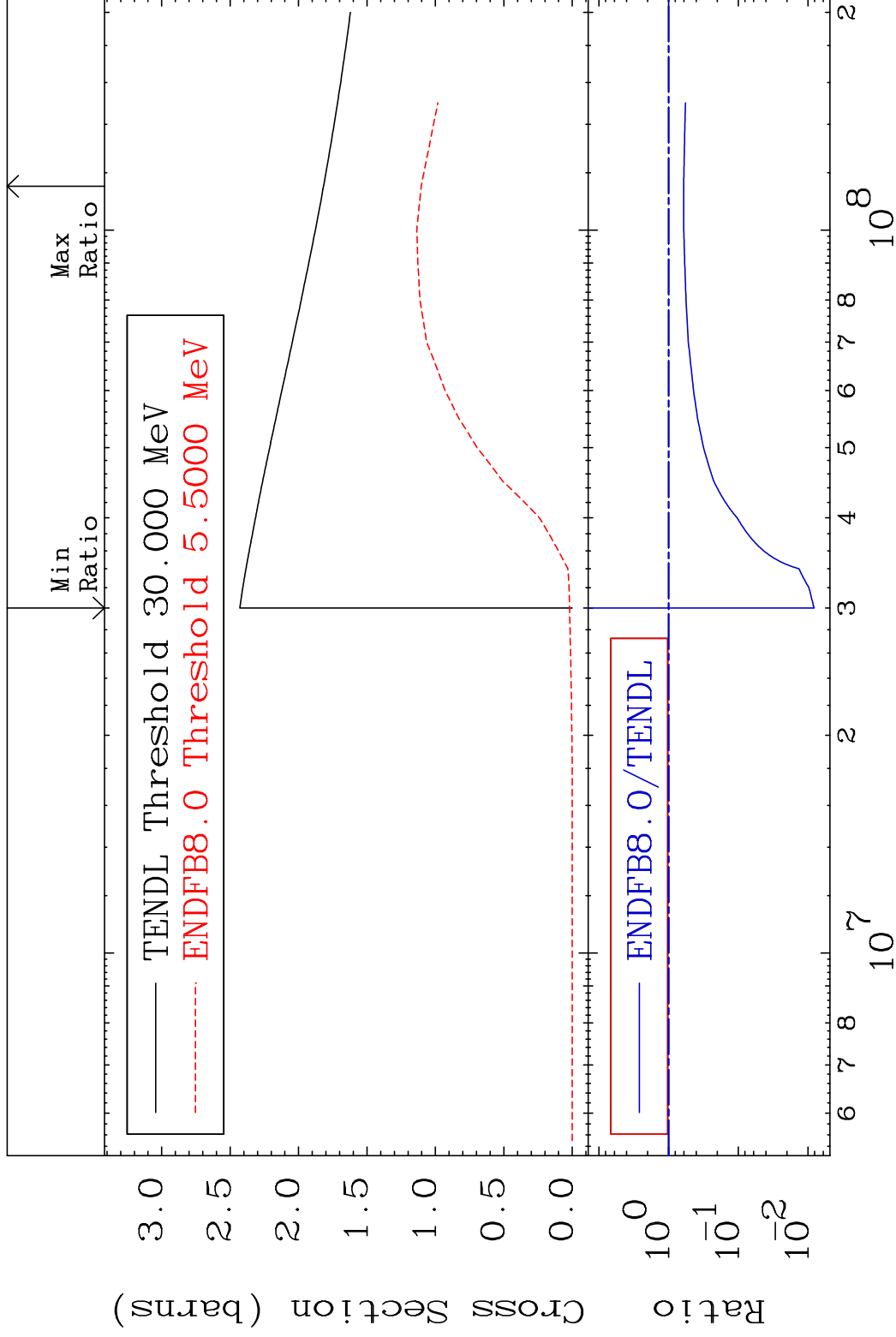
MAT 7431

(n, remainder)

74-W -182

Cross Section

-99.19 To -39.29%



4

Incident Energy (eV)

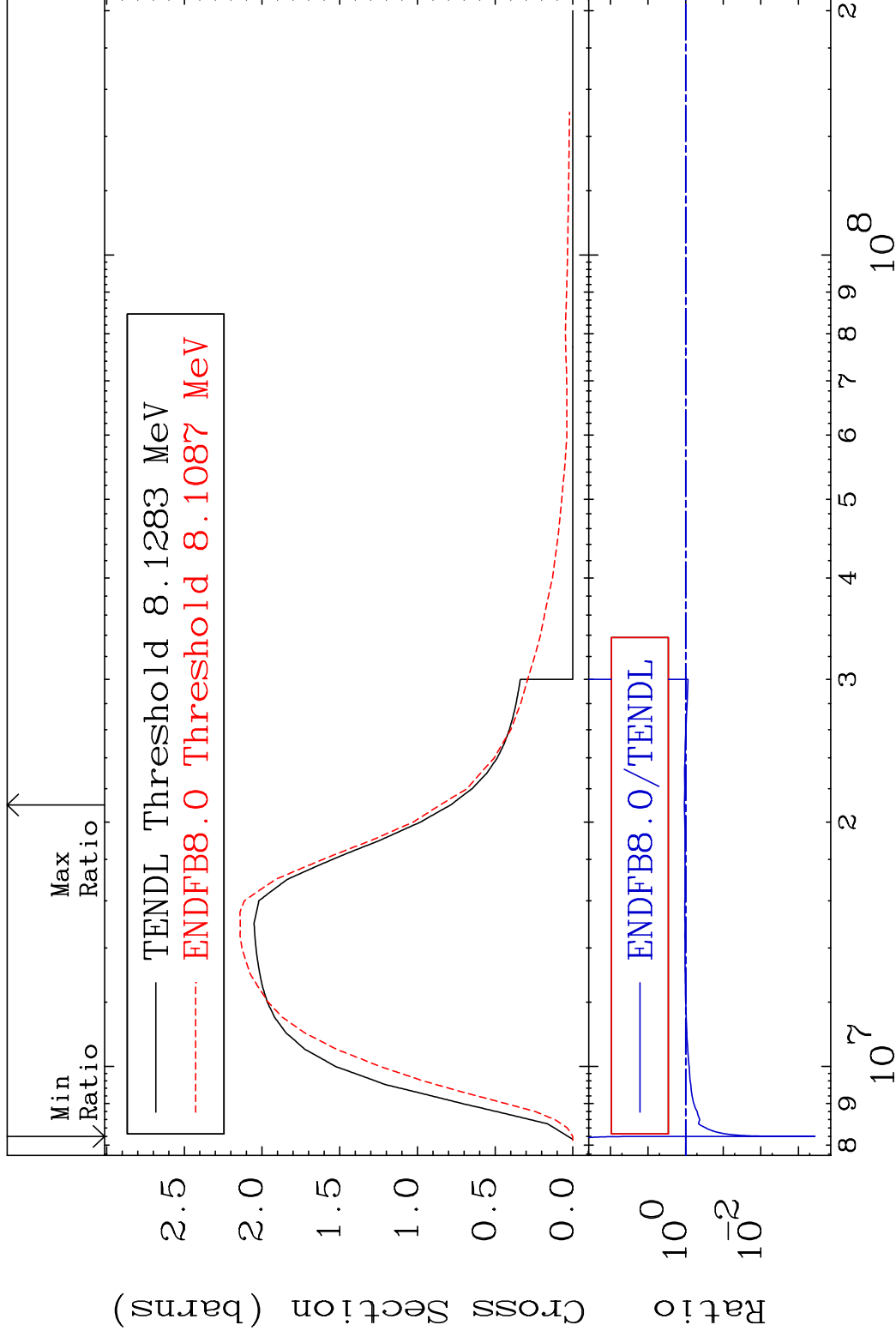
74-W -182

MAT 7431

(n,2n)

74-W -182

Cross Section -99.96 To 8.578 %



5

Incident Energy (eV)

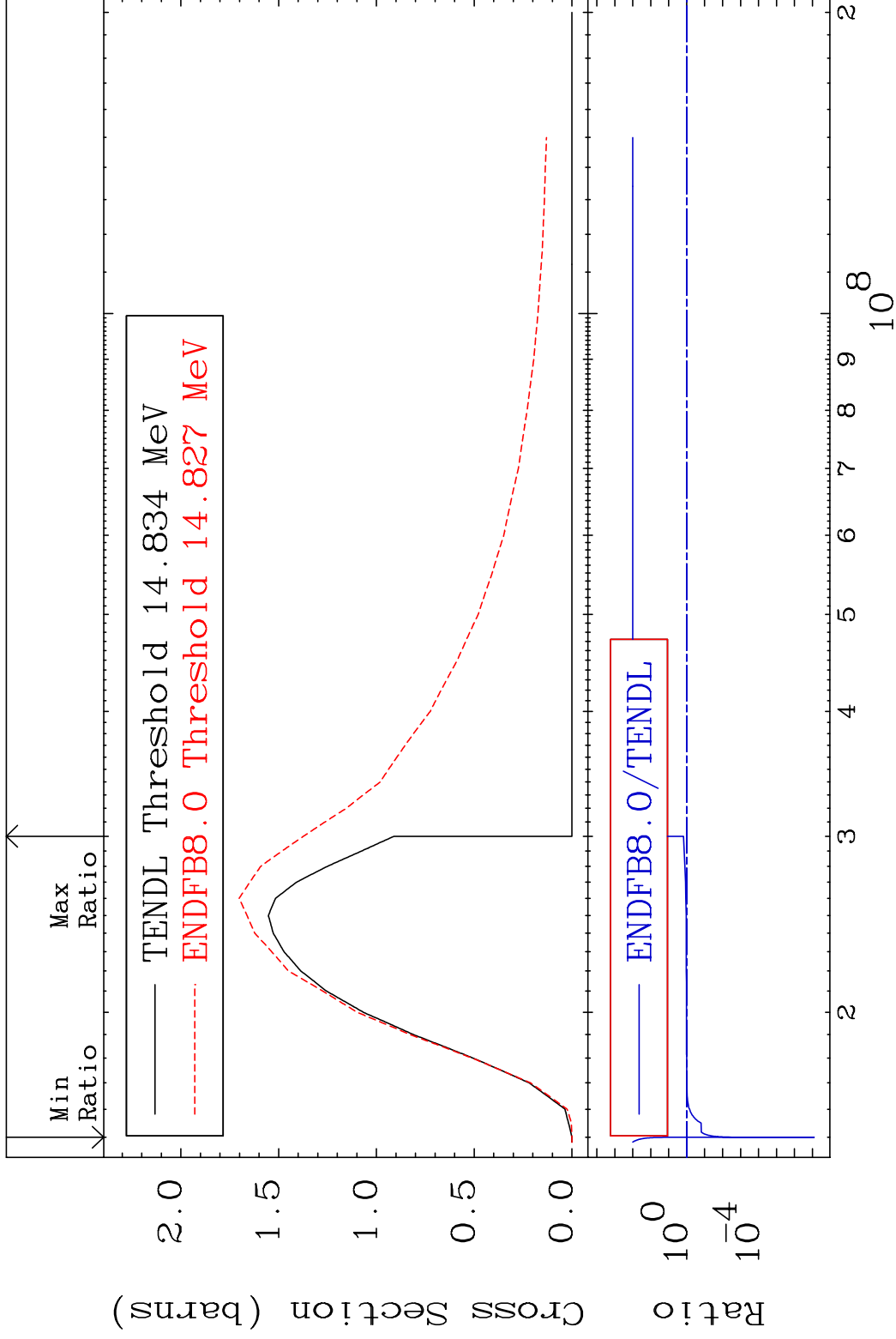
74-W -182

MAT 7431

(n,3n)

74-W -182

Cross Section -100.0 To 50.87 %



6

Incident Energy (eV)

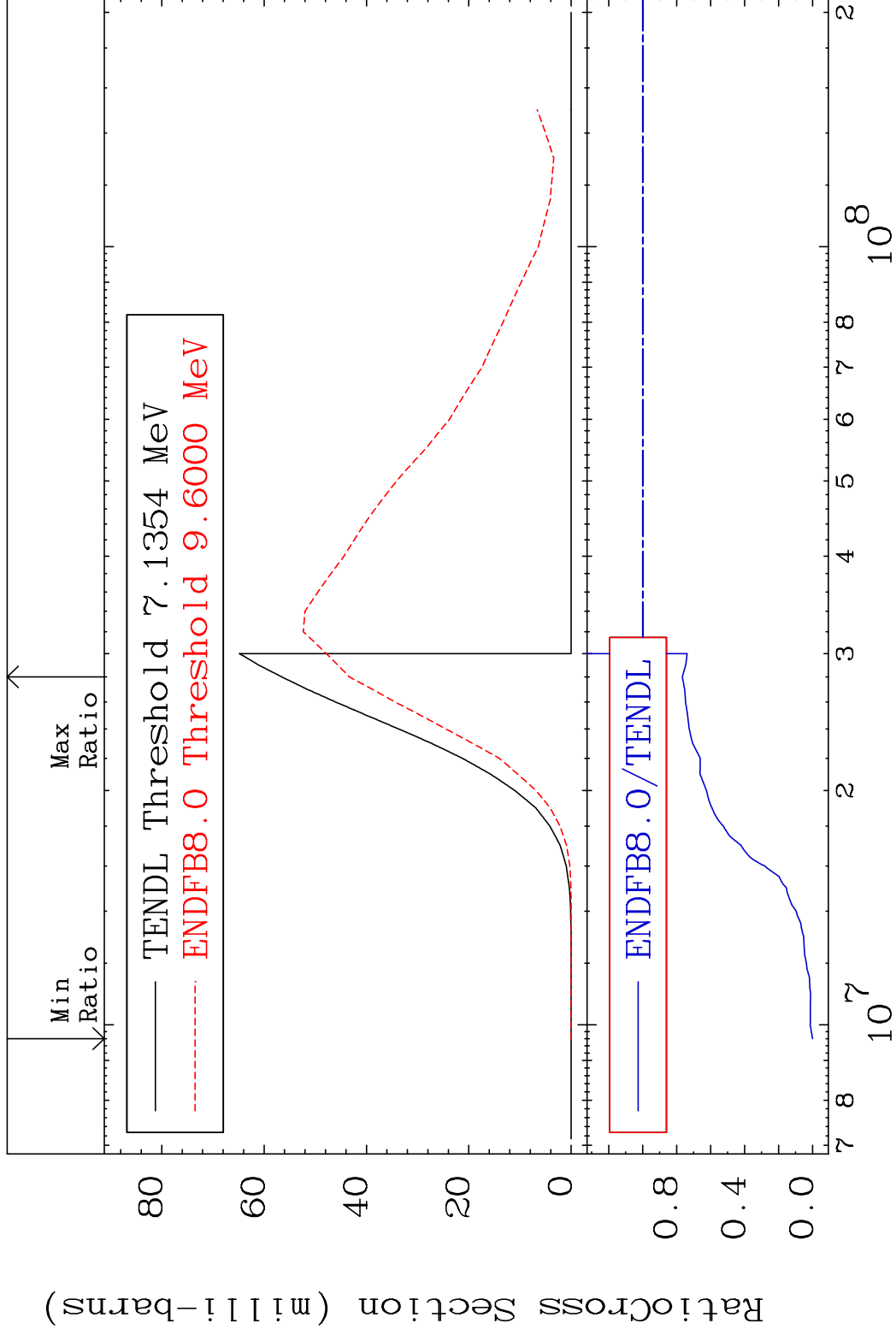
74-W -182

MAT 7431

(n, n') p

74-W -182

Cross Section -100.0 To -23.36%



74-W -182

Incident Energy (eV)

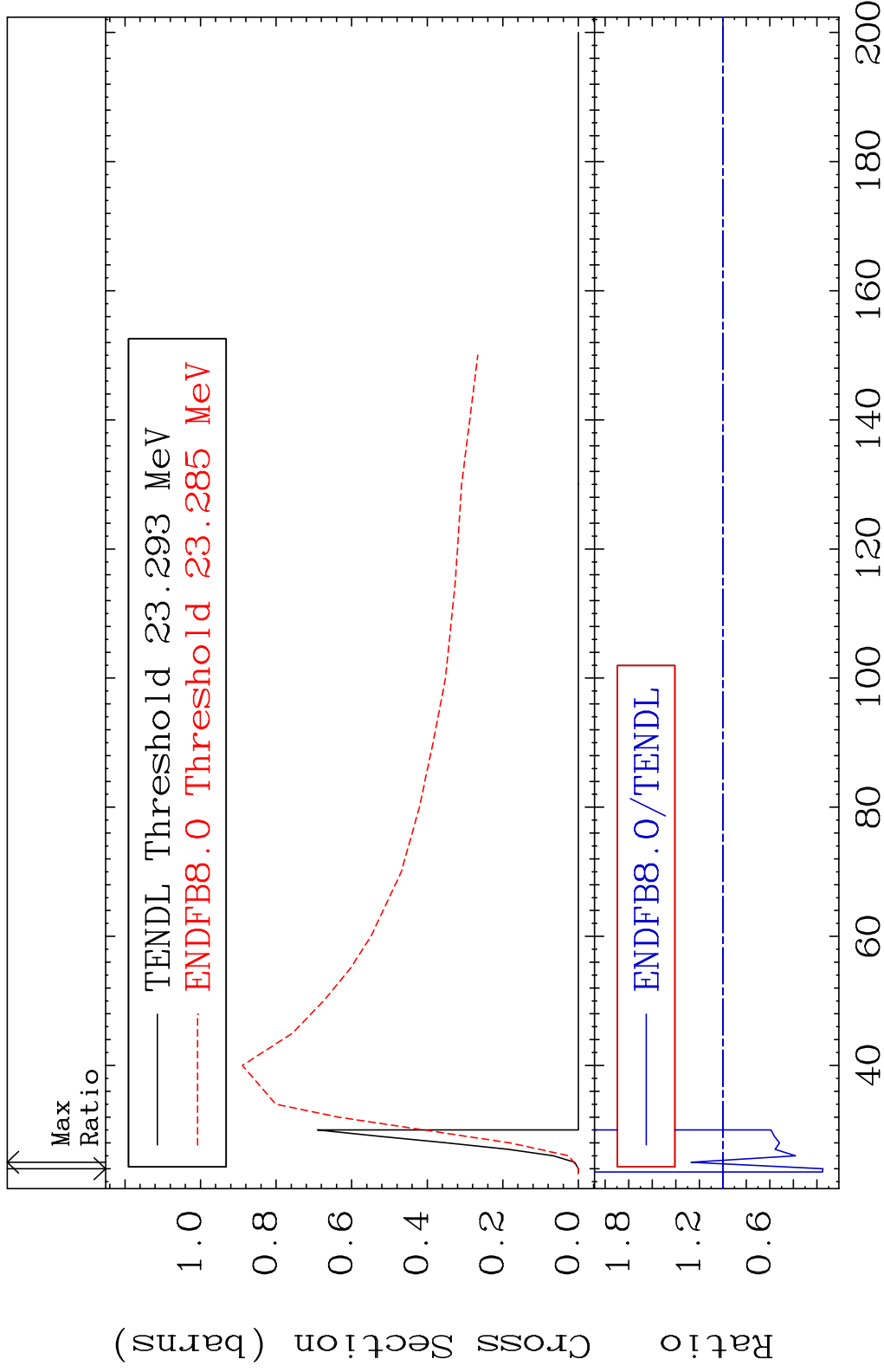
7

MAT 7431

(n,4n)

74-W -182

Cross Section -85.10 To 27.05 %

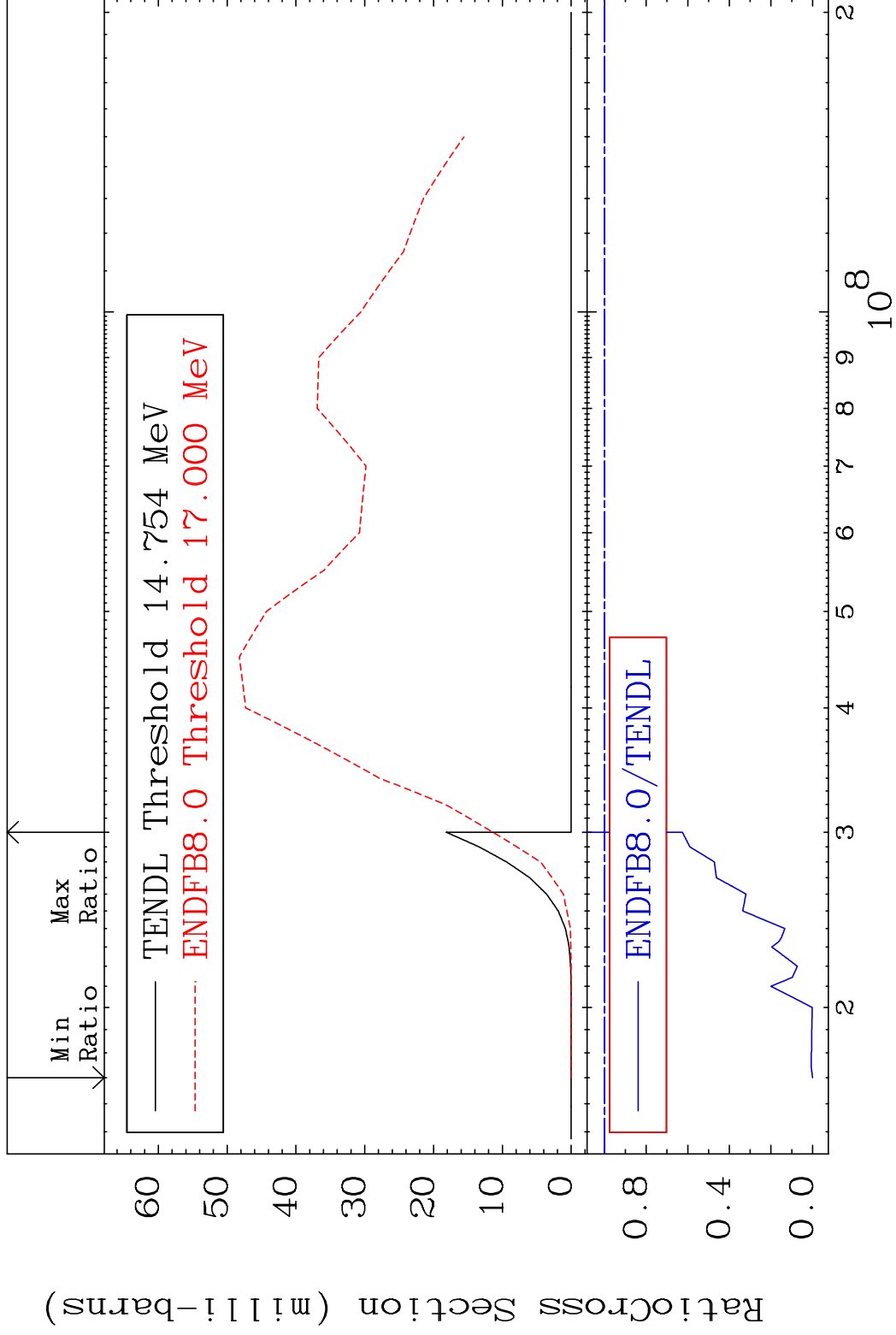


MAT 7431

(n,2n) p

74-W -182

Cross Section -100.0 To -37.39%

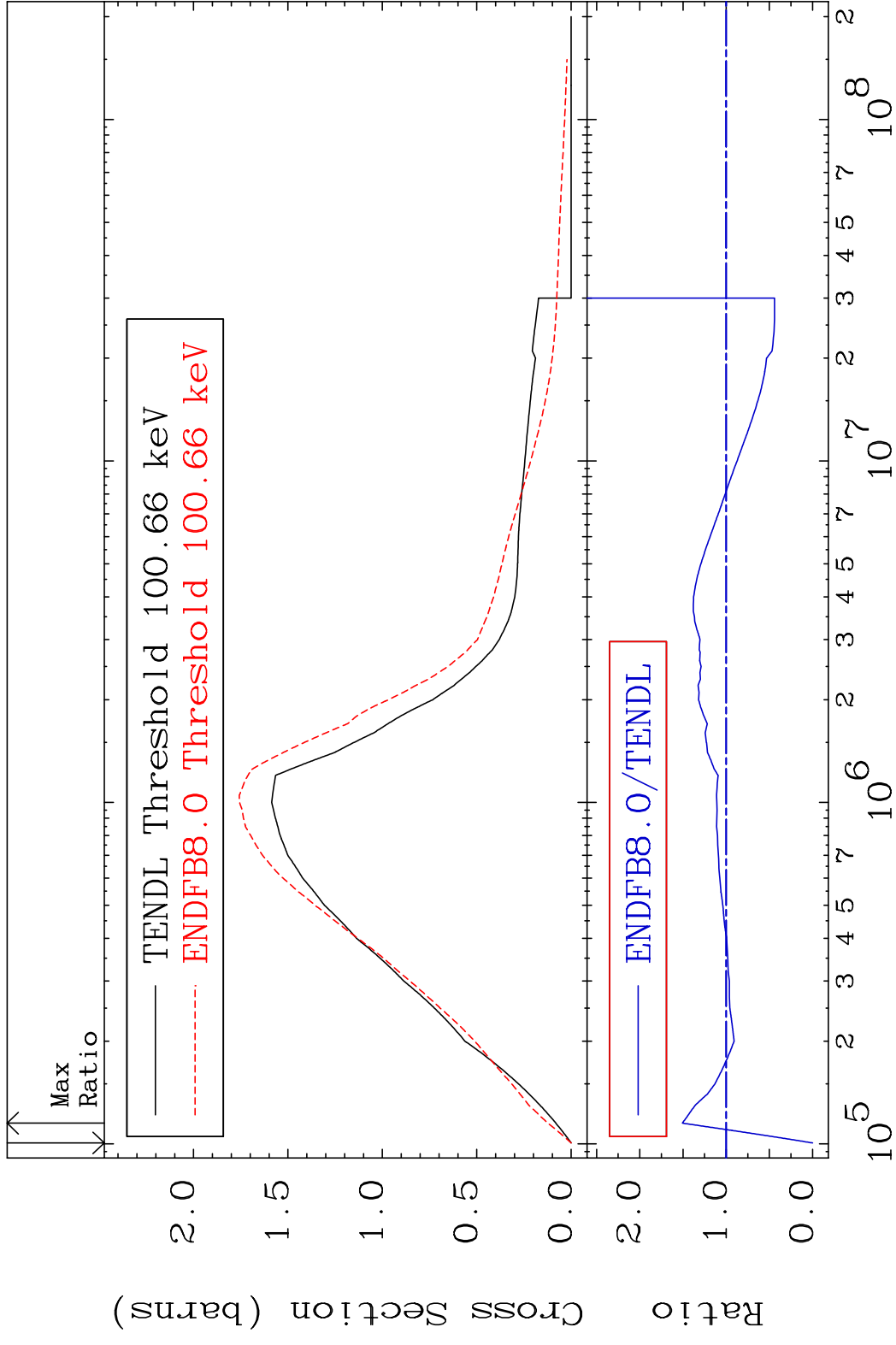


9

Incident Energy (eV)

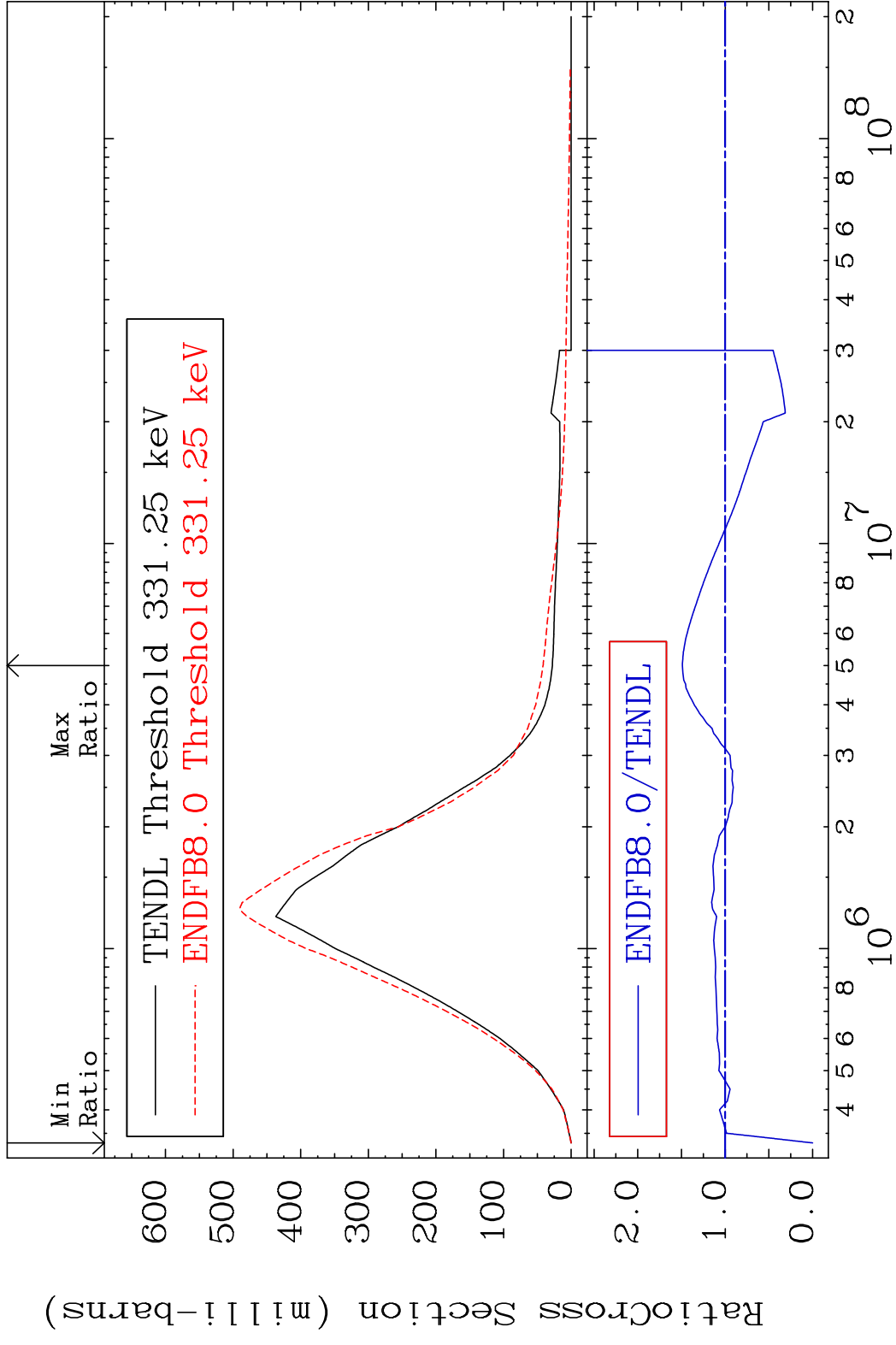
74-W -182

MAT 7431 MT= 51 (n,n') Level 74-W -182
 Cross Section -100.0 To 50.72 %

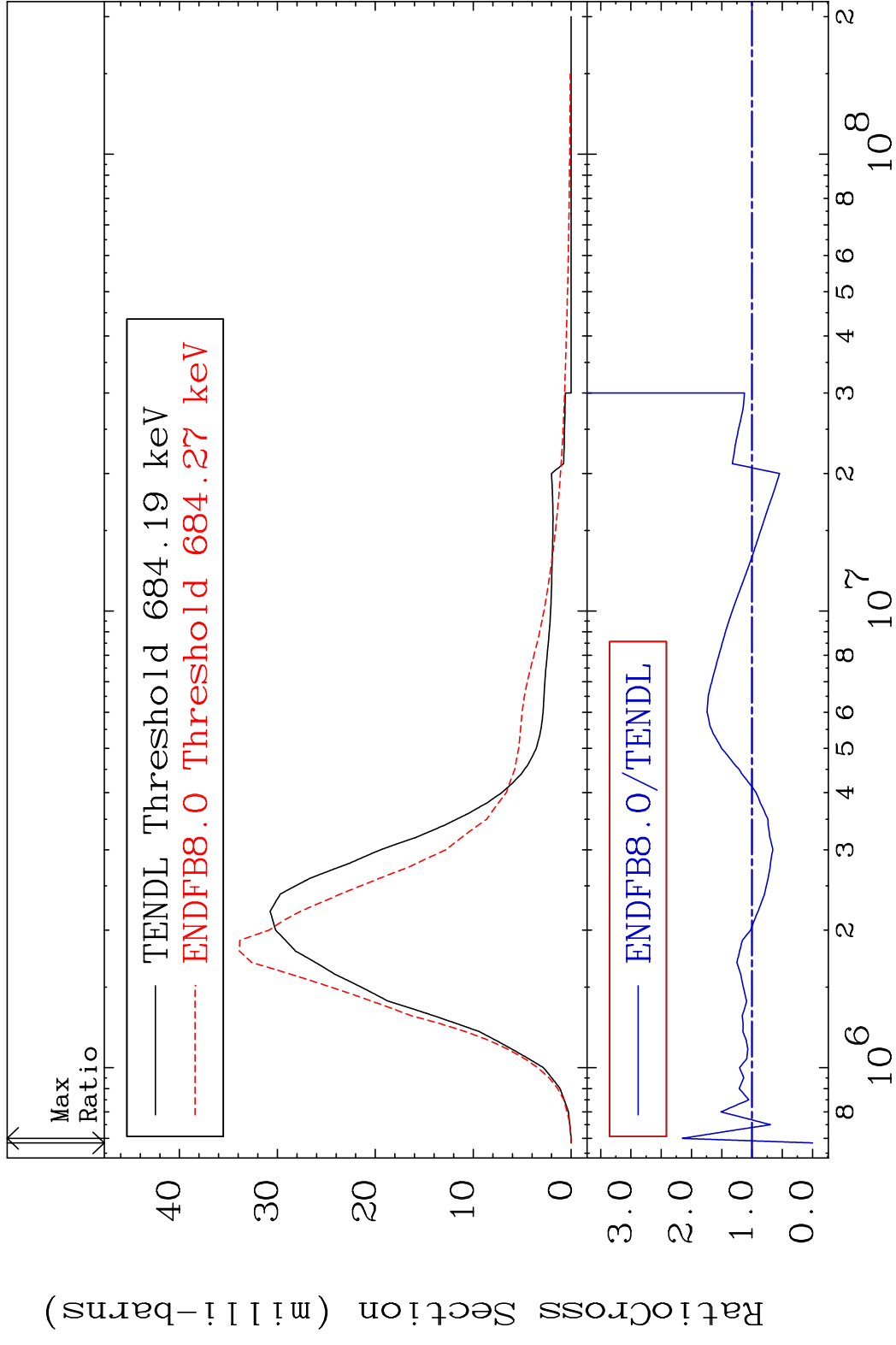


10 Incident Energy (eV) 74-W -182

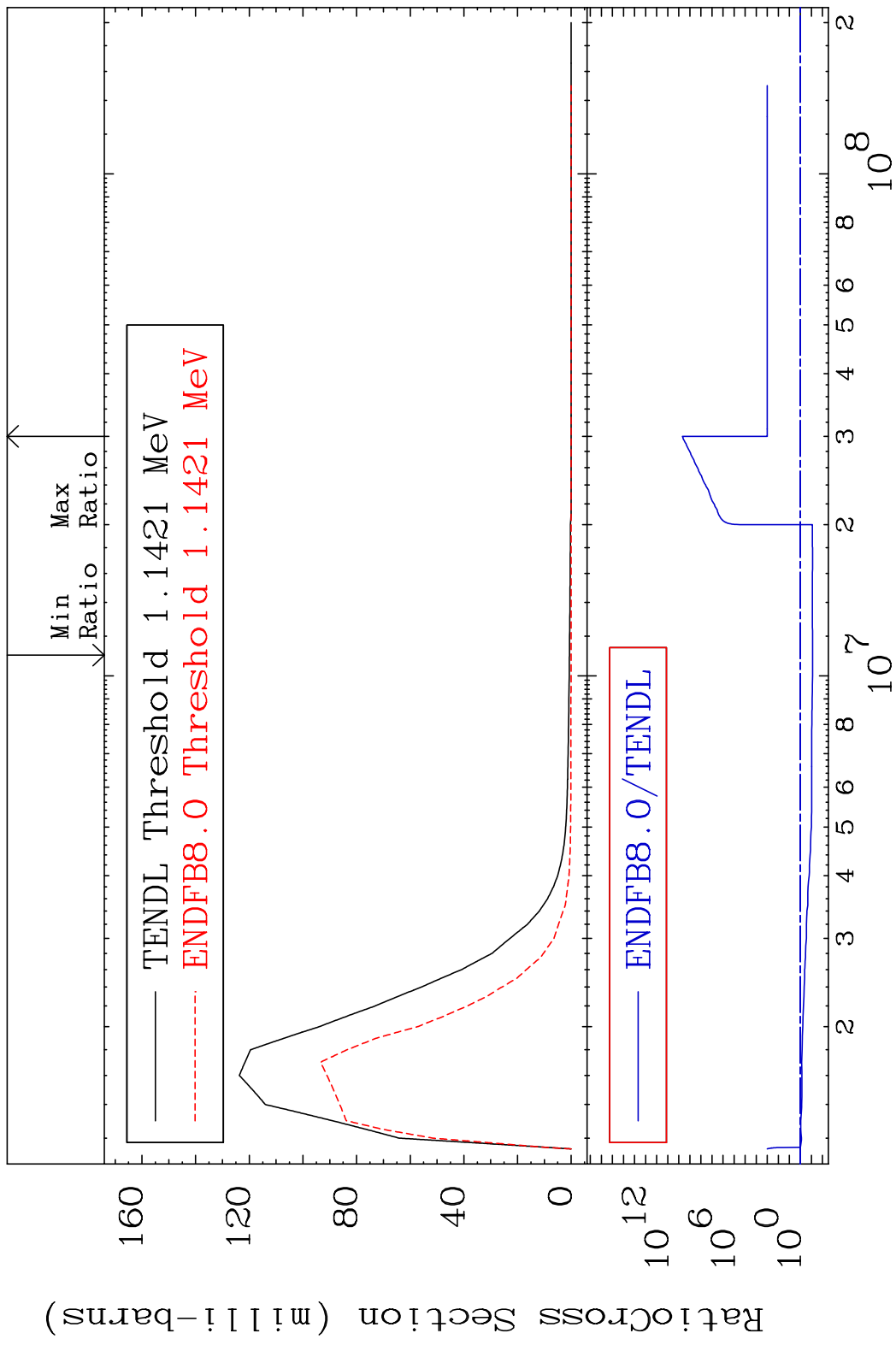
MAT 7431 MT= 52 (n, n') Level 74-W -182
 Cross Section -100.0 To 48.97 %



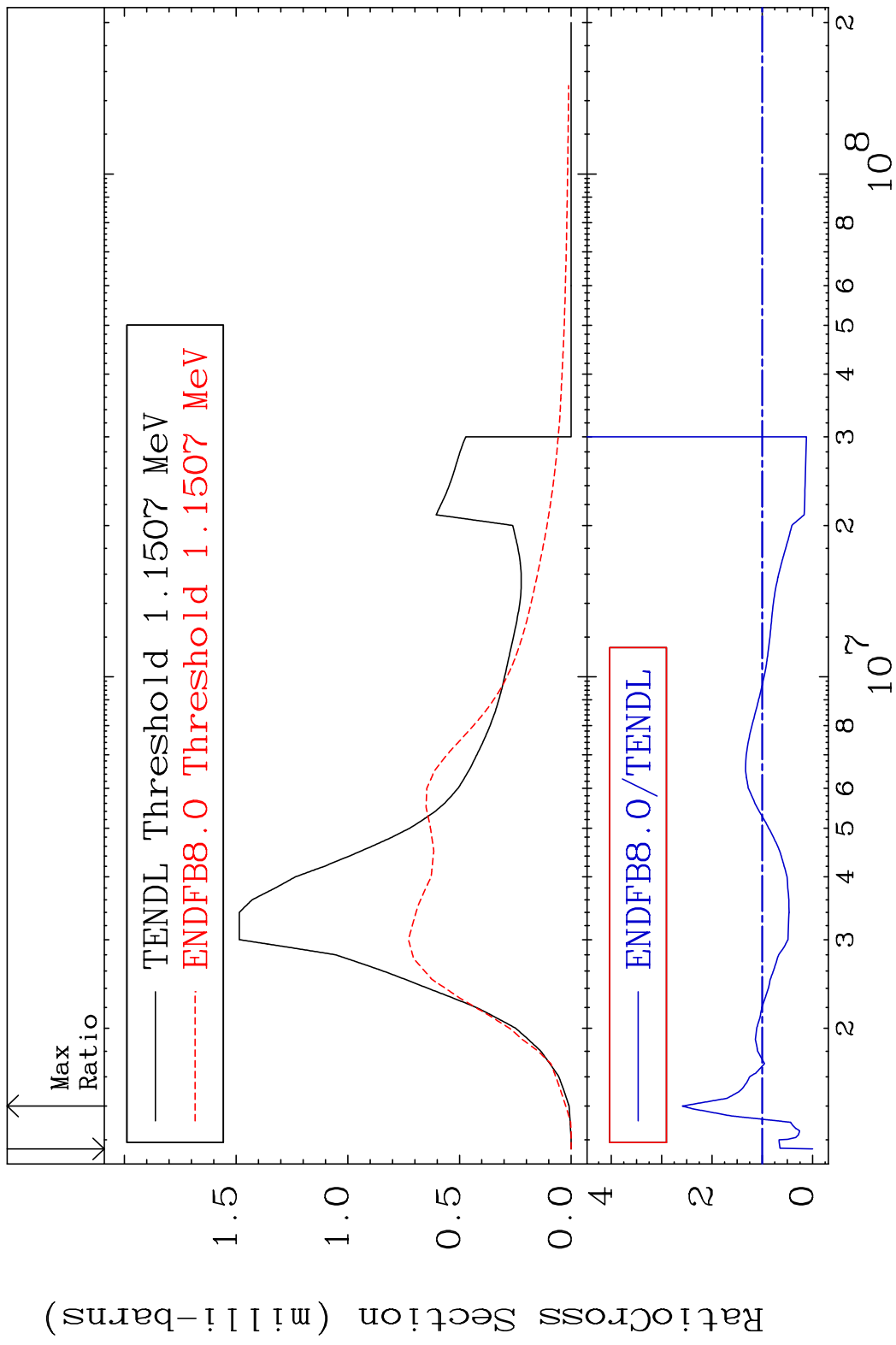
MAT 7431 MT= 53 (n,n') Level 74-W -182
 Cross Section -100.0 To 115.1 %



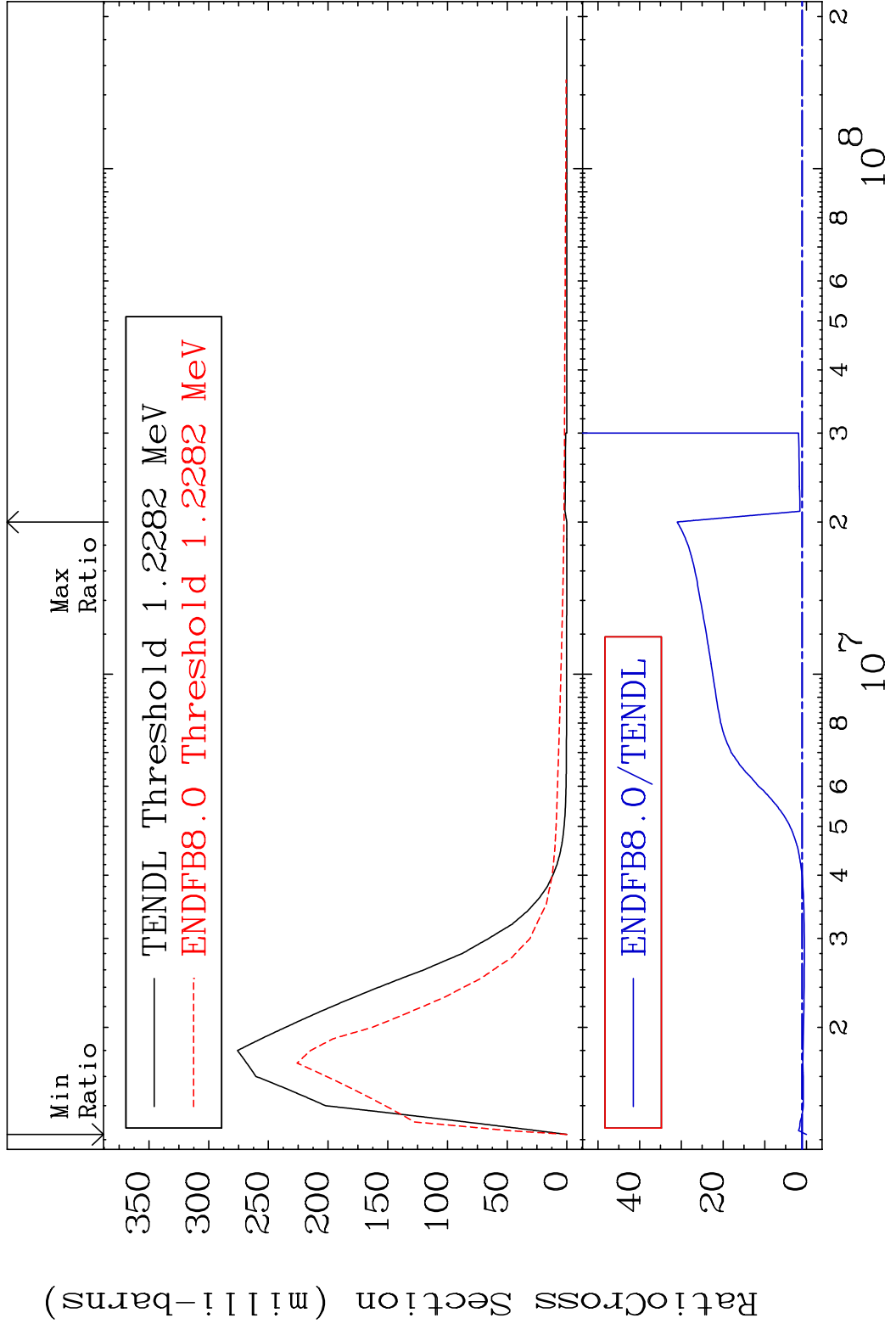
MAT 7431 MT= 54 (n, n') Level 74-W -182
 Cross Section -92.04 To 9999. %



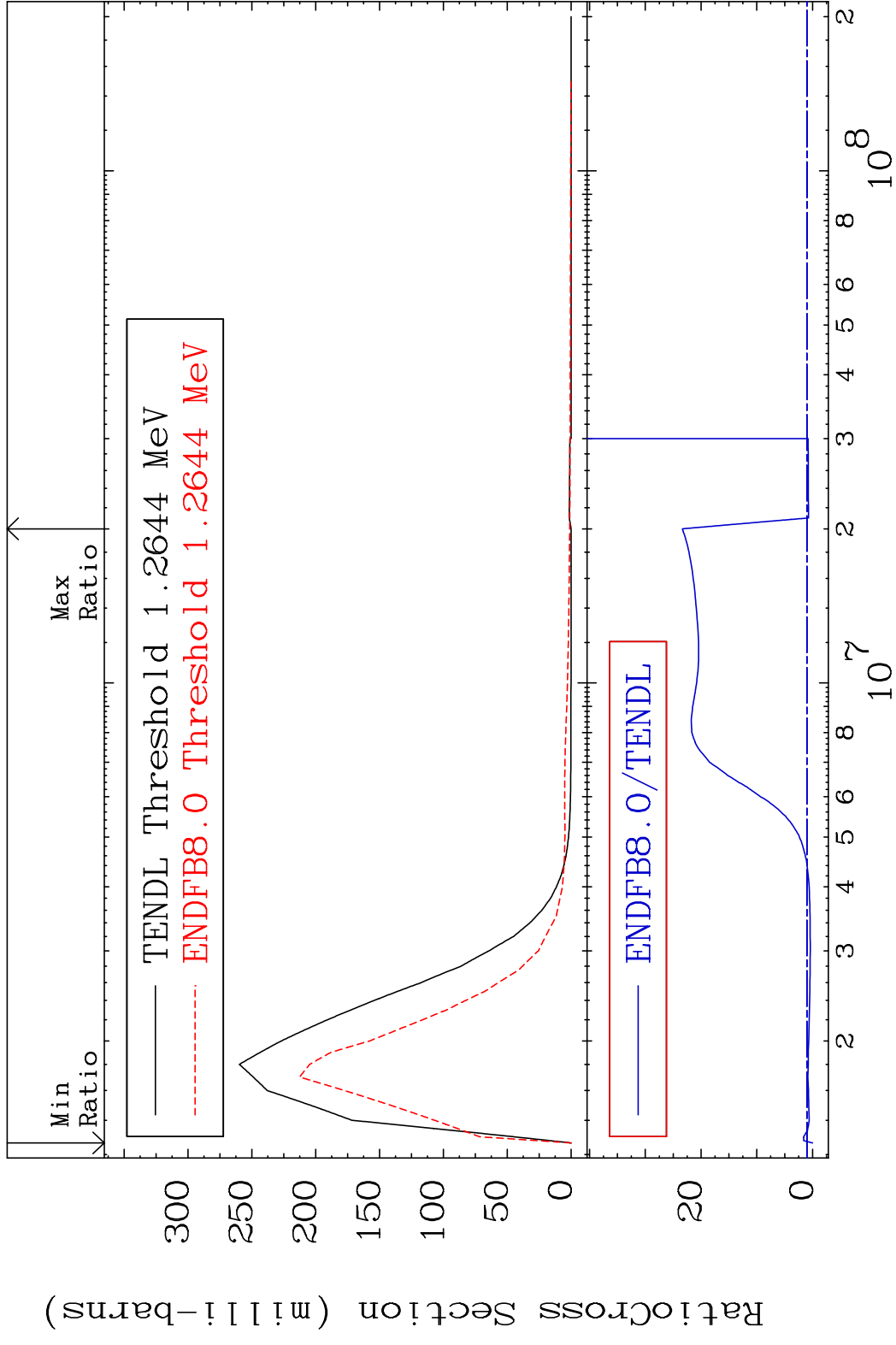
MAT 7431 MT= 55 (n,n') Level 74-W -182
 Cross Section -100.0 To 158.8 %



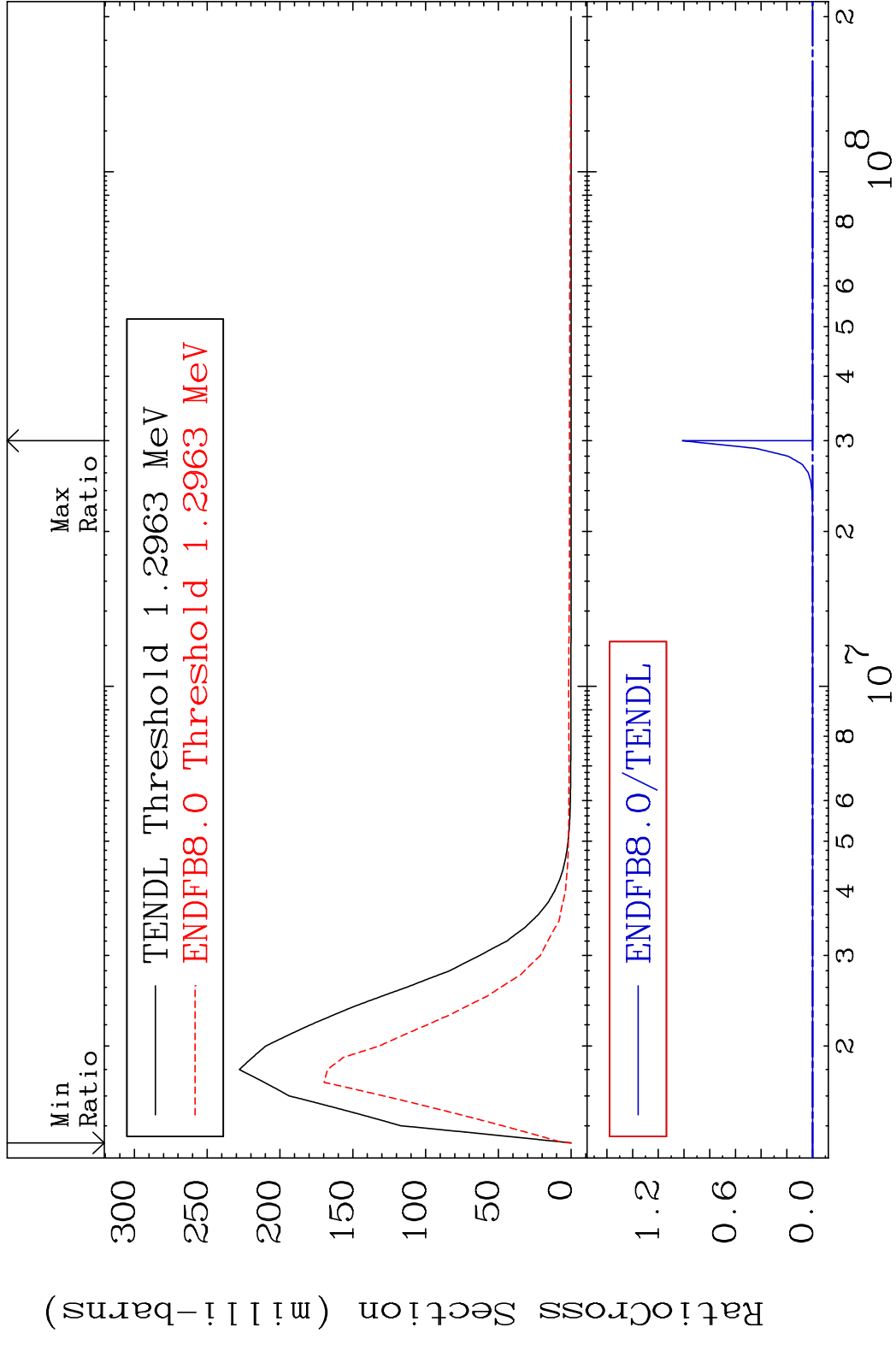
MAT 7431 MT= 56 (n, n') Level 74-W -182
 Cross Section -100.0 To 3001. %



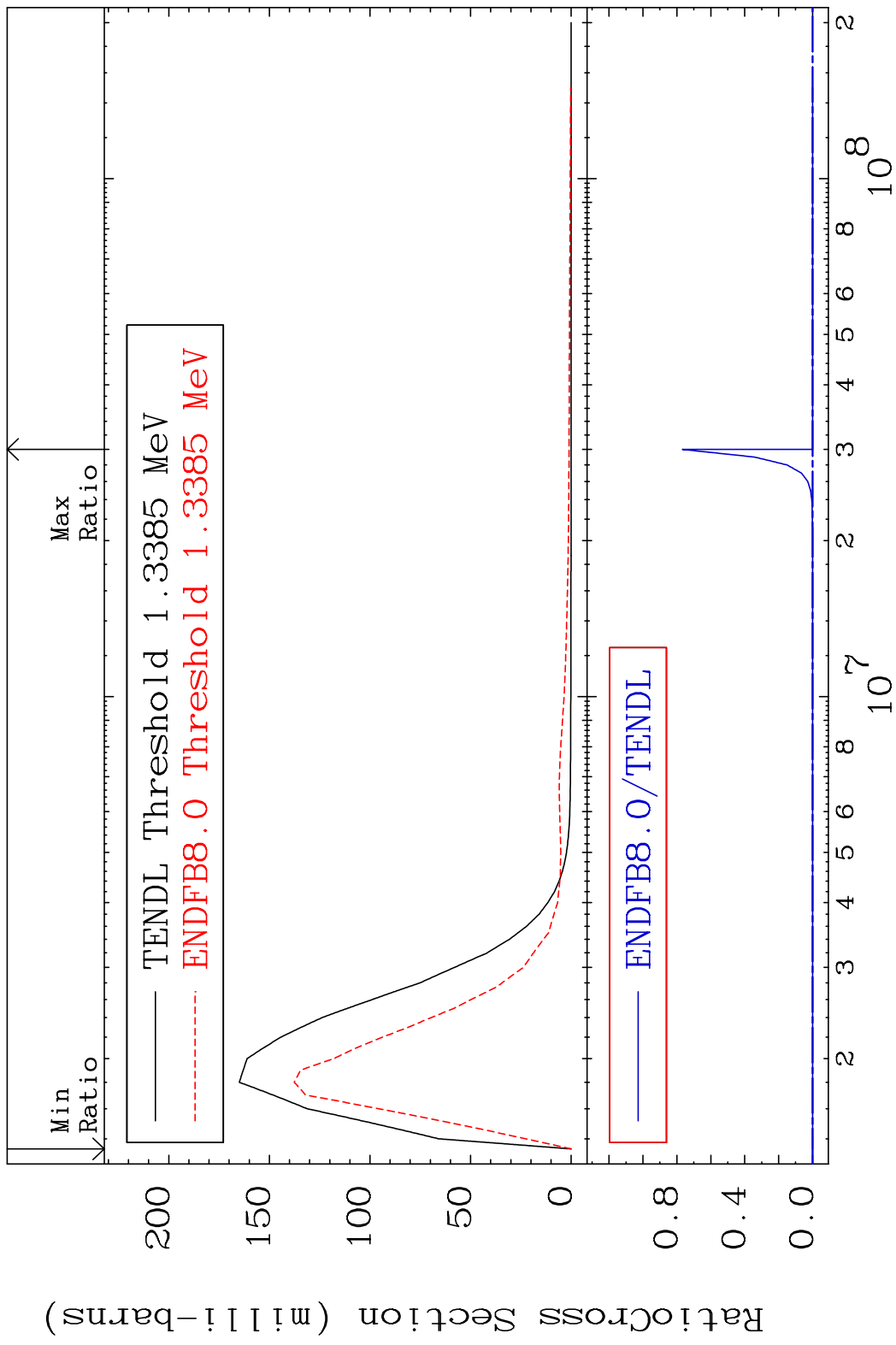
MAT 7431 MT= 57 (n, n') Level 74-W -182
 Cross Section -100.0 To 2235. %



MAT 7431 MT= 58 (n, n') Level 74-W -182
 Cross Section -100.0 To 9999. %



MAT 7431 MT= 59 (n, n') Level 74-W -182
 Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 74-W -182

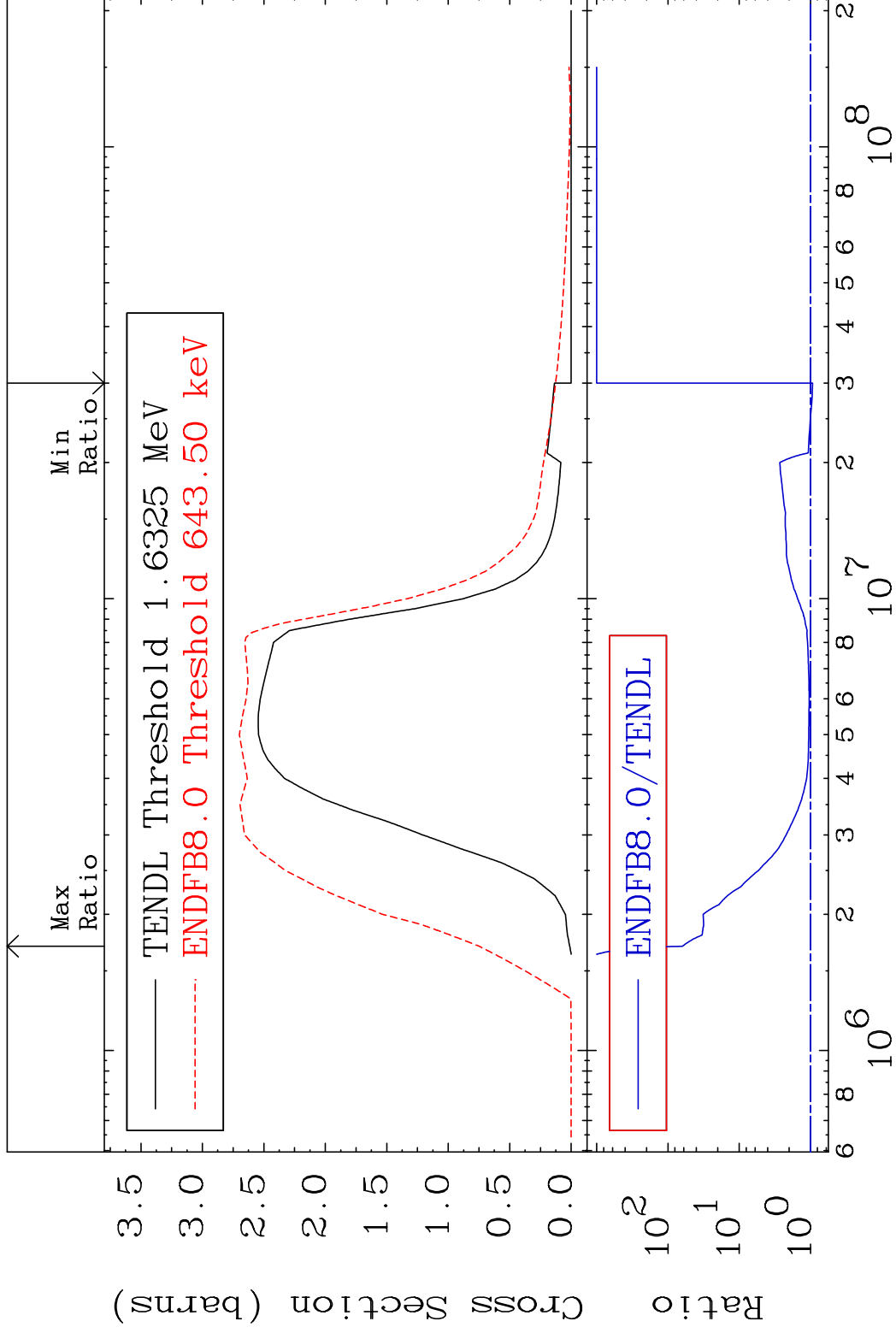
MAT 7431

(n, n') Continuum

74-W -182

Cross Section

-6.327 To 6186. %



19

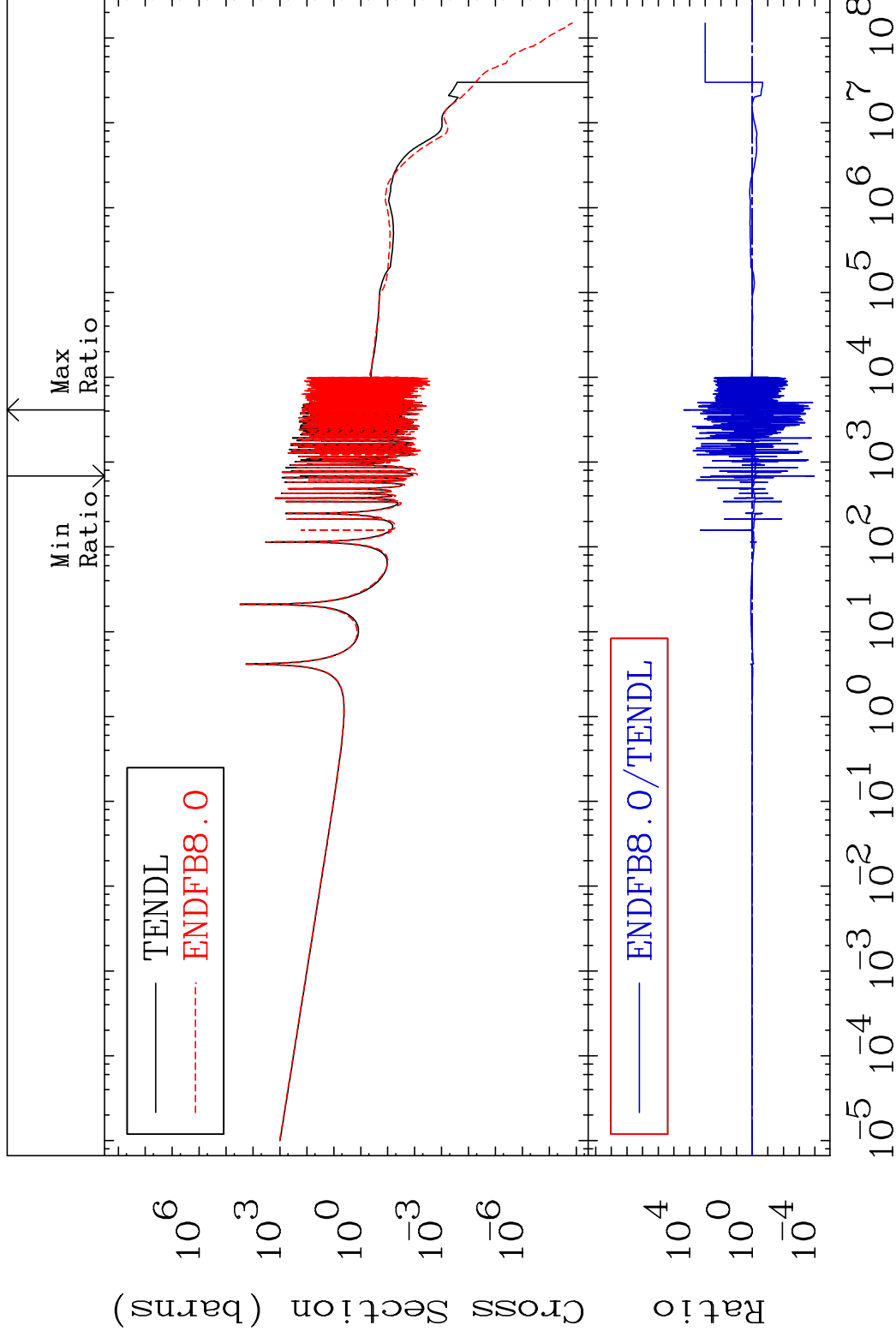
Incident Energy (eV)

74-W -182

MAT 7431

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

74-W -182



20

Incident Energy (eV)

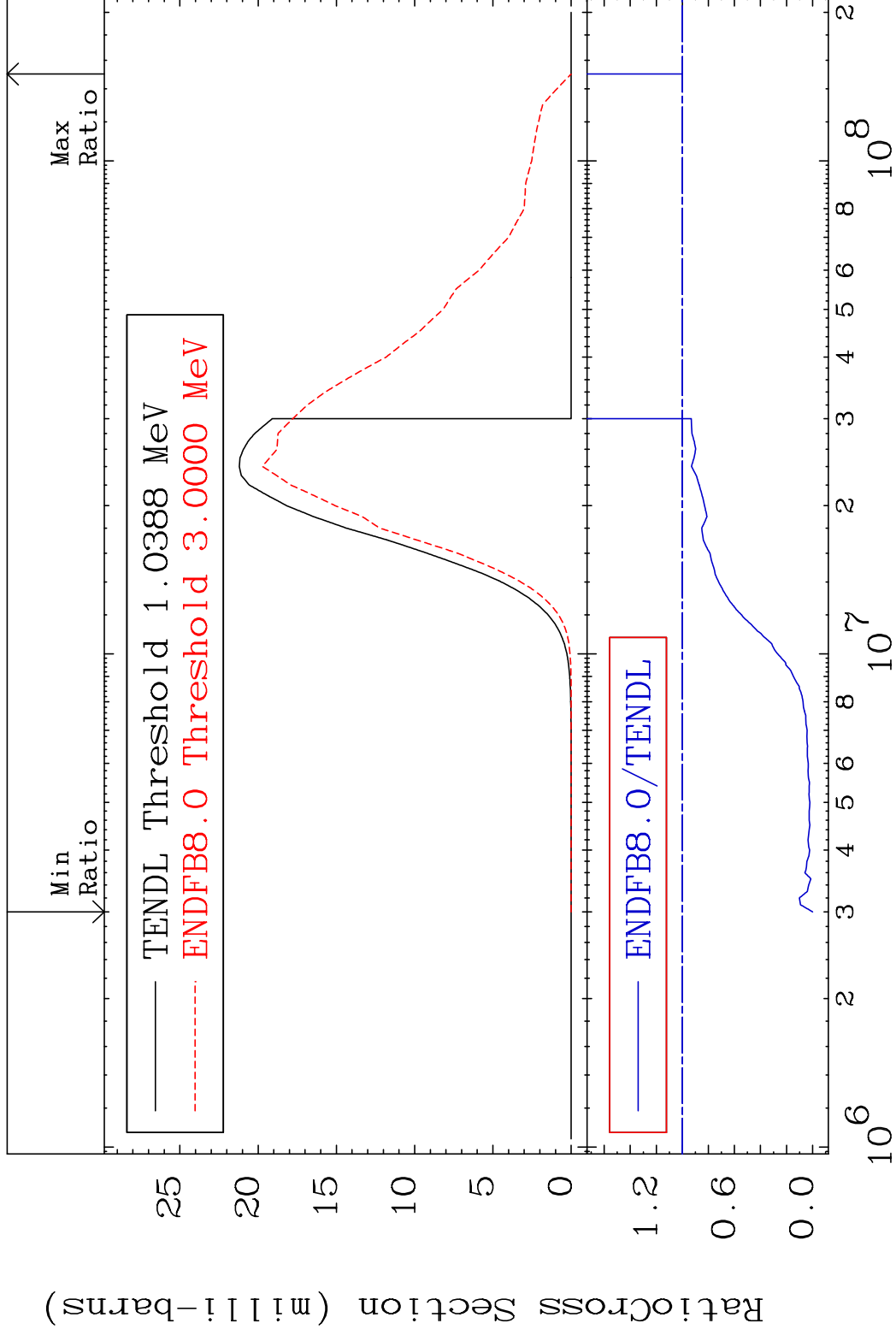
74-W -182

MAT 7431

(n,p)

74-W -182

Cross Section -100.0 To 0.000 %



21

Incident Energy (eV)

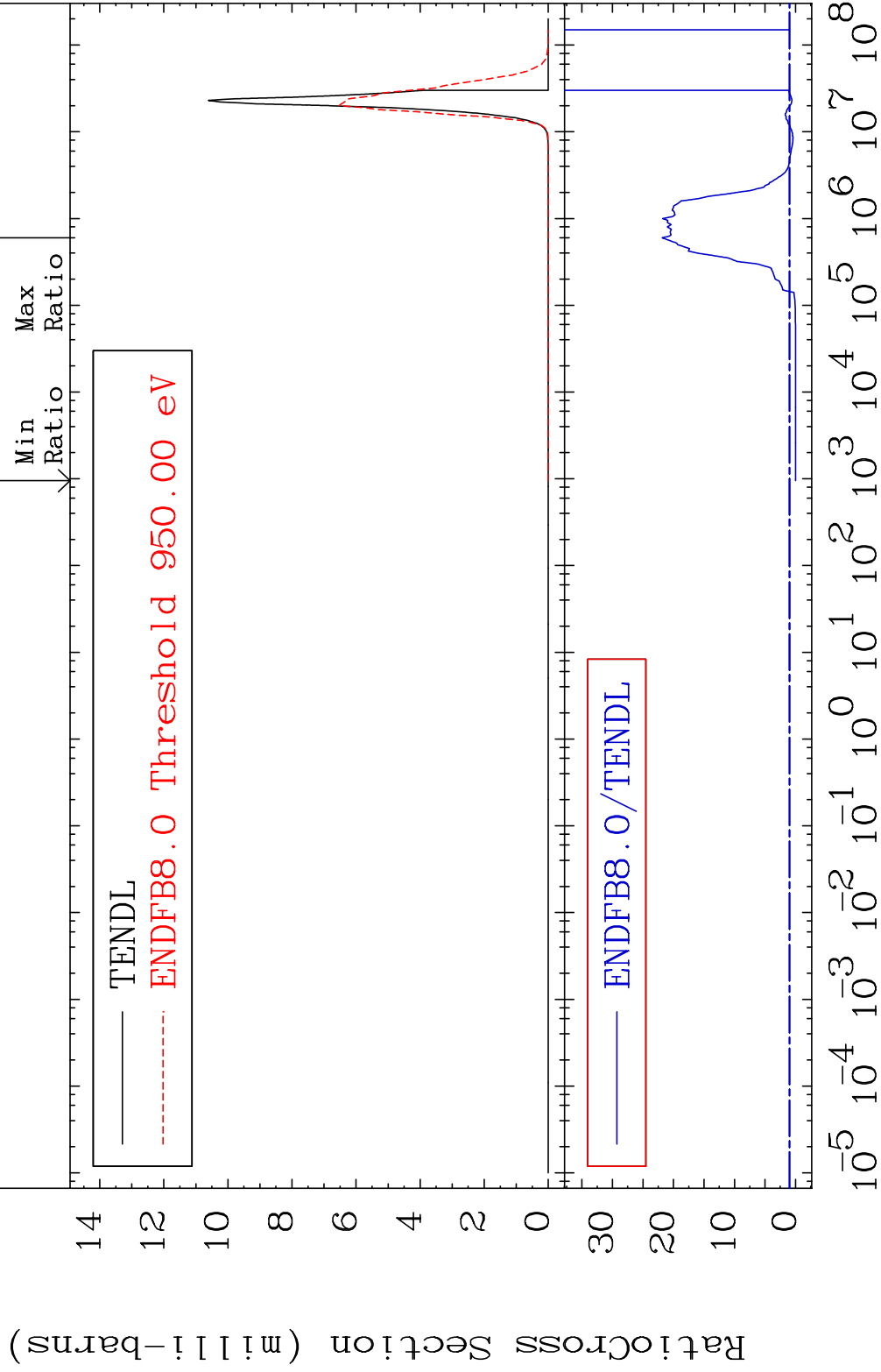
74-W -182

MAT 7431

(n, α)

74-W -182

Cross Section -100.0 To 2085. %



22

Incident Energy (eV)

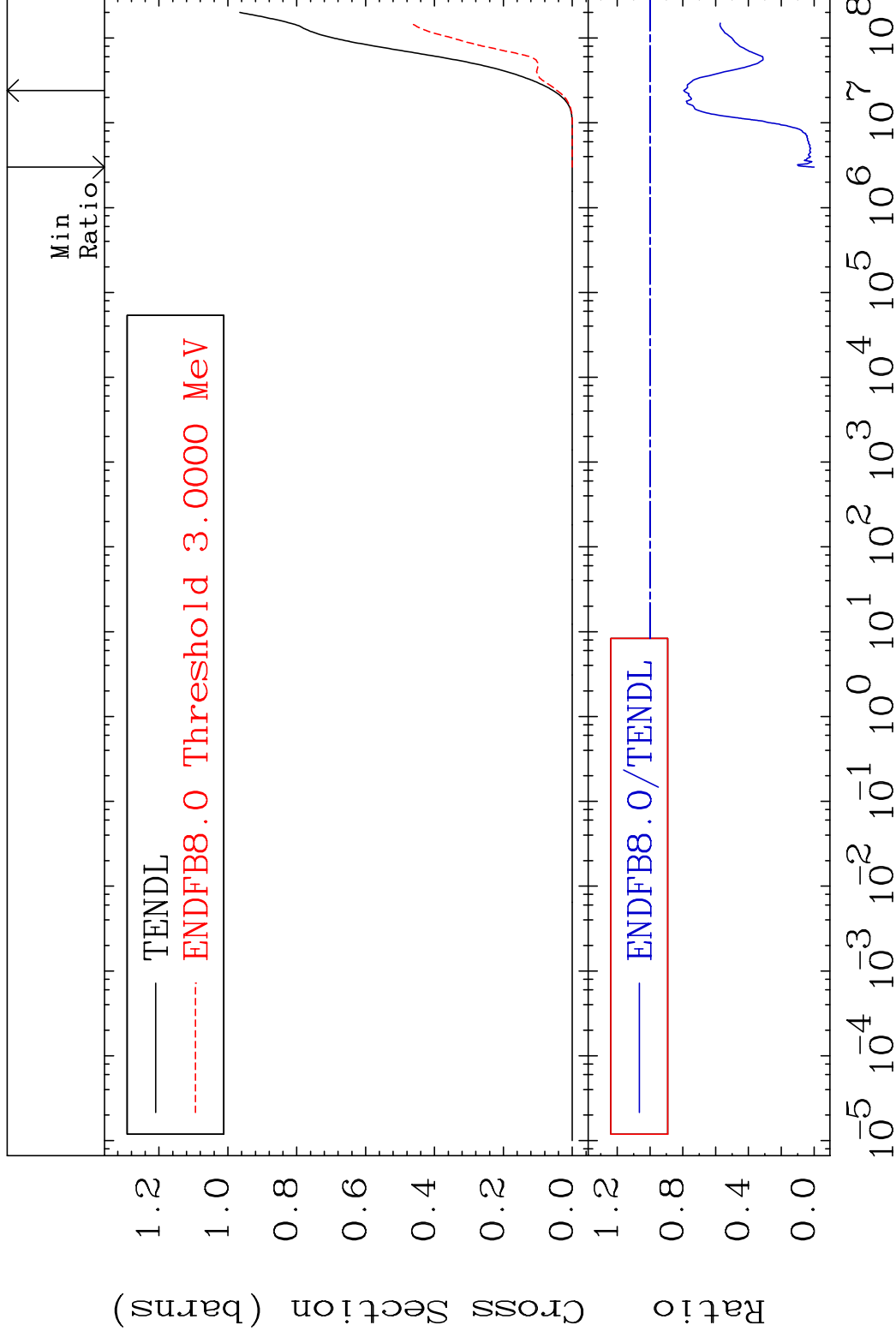
74-W -182

MAT 7431

Hydrogen Production

74-W -182

Cross Section -100.0 To -20.51%



23

Incident Energy (eV)

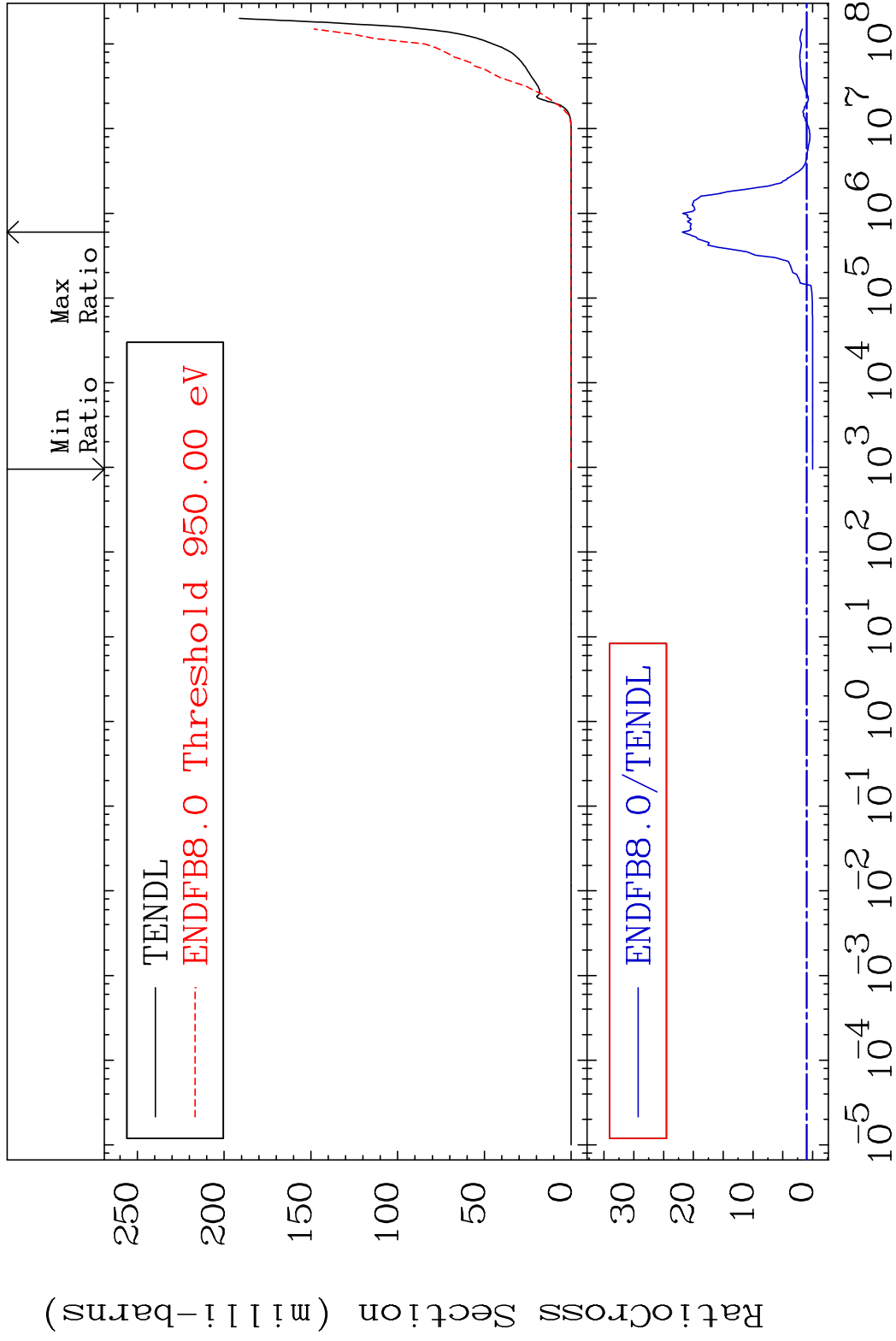
74-W -182

MAT 7431

He-4 Production

74-W -182

Cross Section -100.0 To 2085.0 %

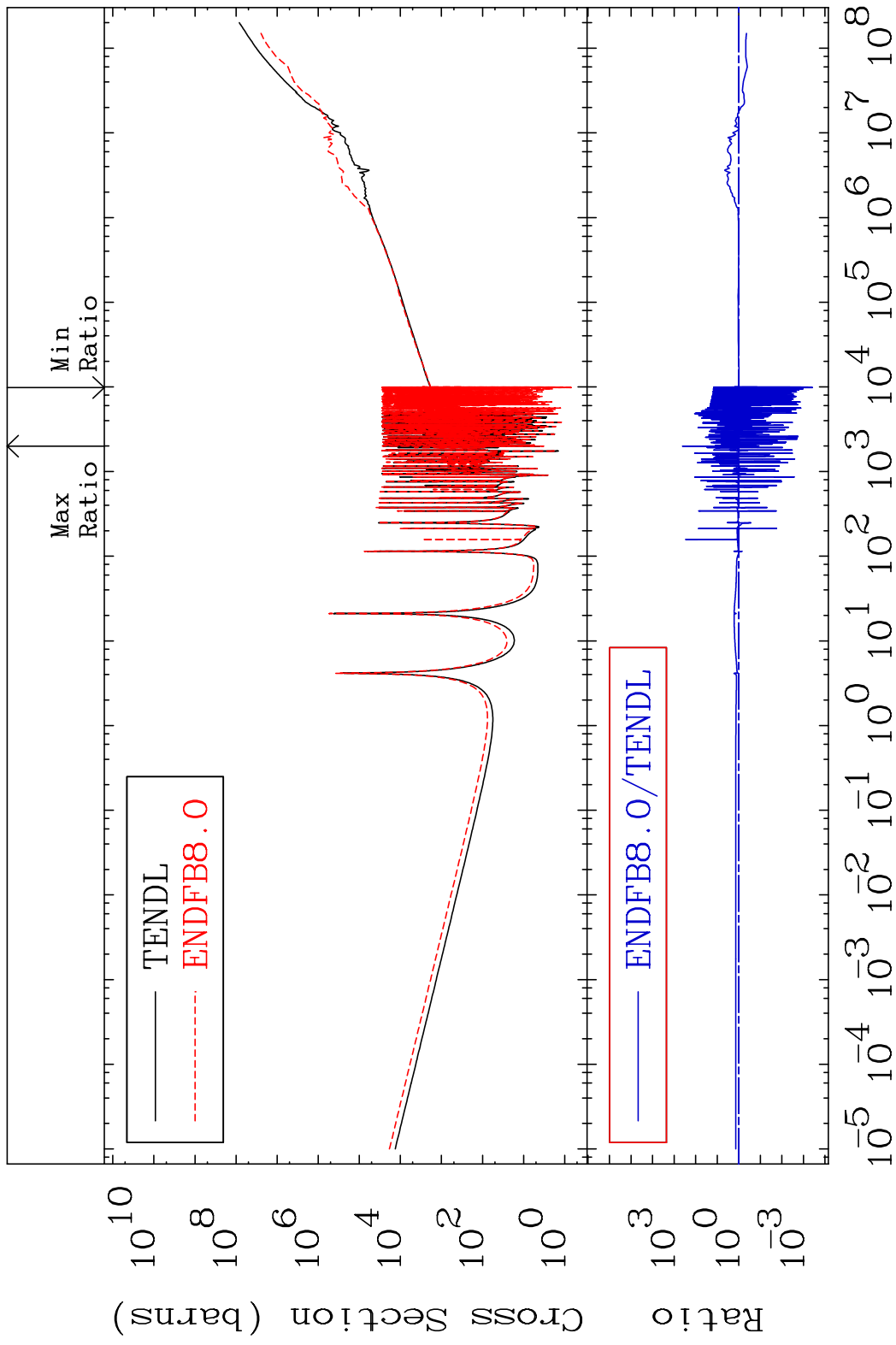


24

Incident Energy (eV)

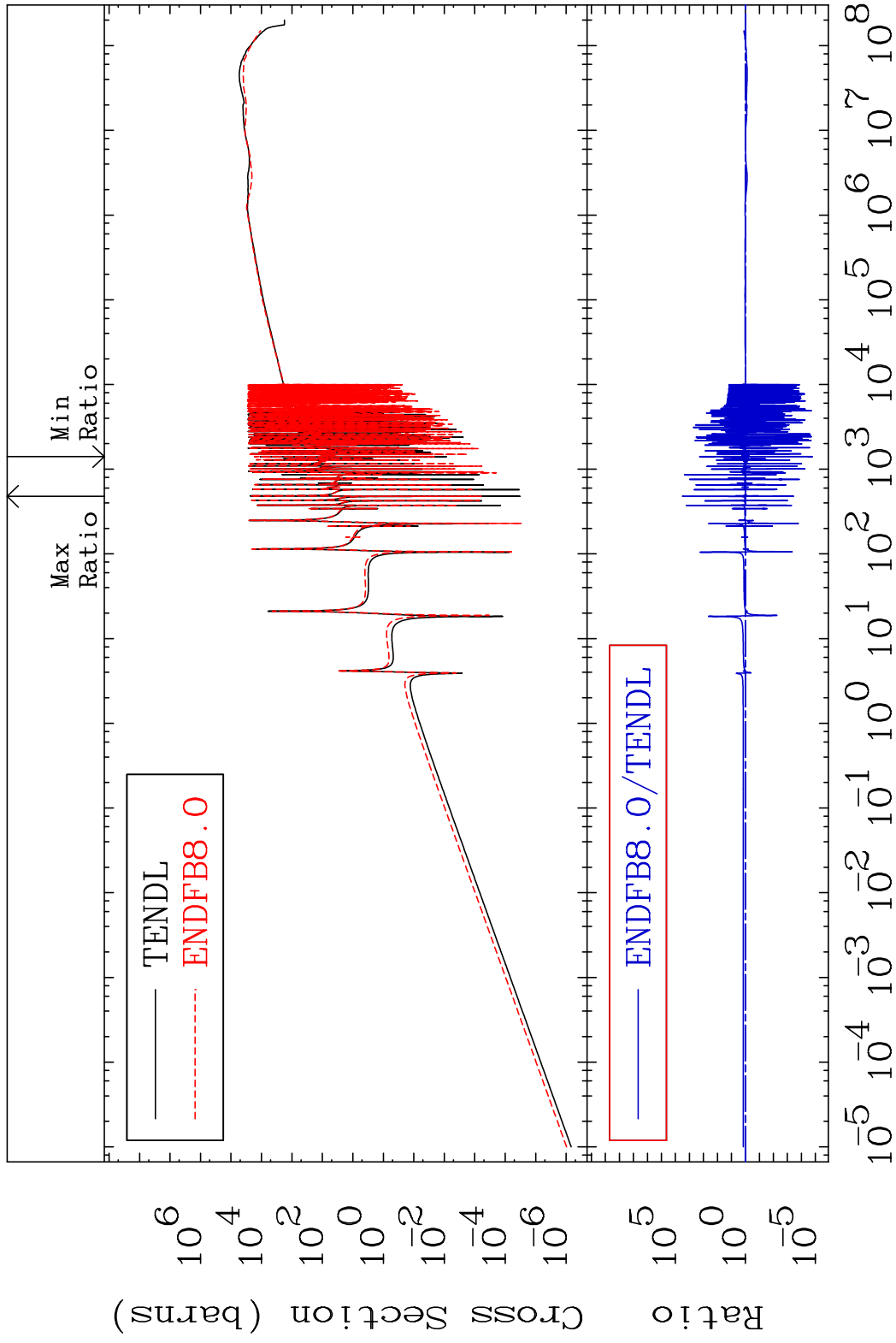
74-W -182

MAT 7431 Kerma total (eV-barns) 74-W -182
 Cross Section -99.96 To 9999. %



MAT 7431

Kerma elastic
Cross Section -100.0 To 9999. %
74-W -182

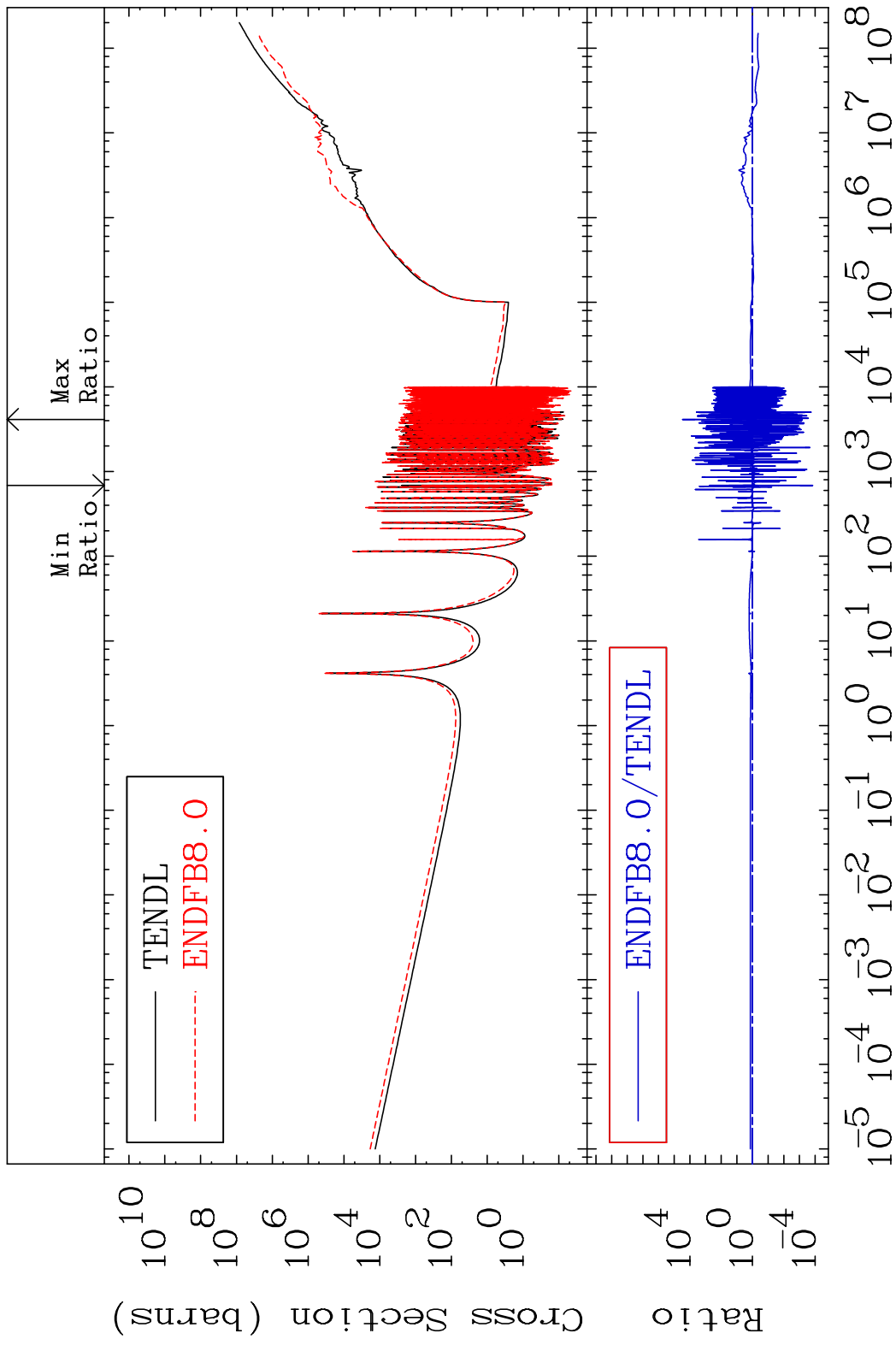


26

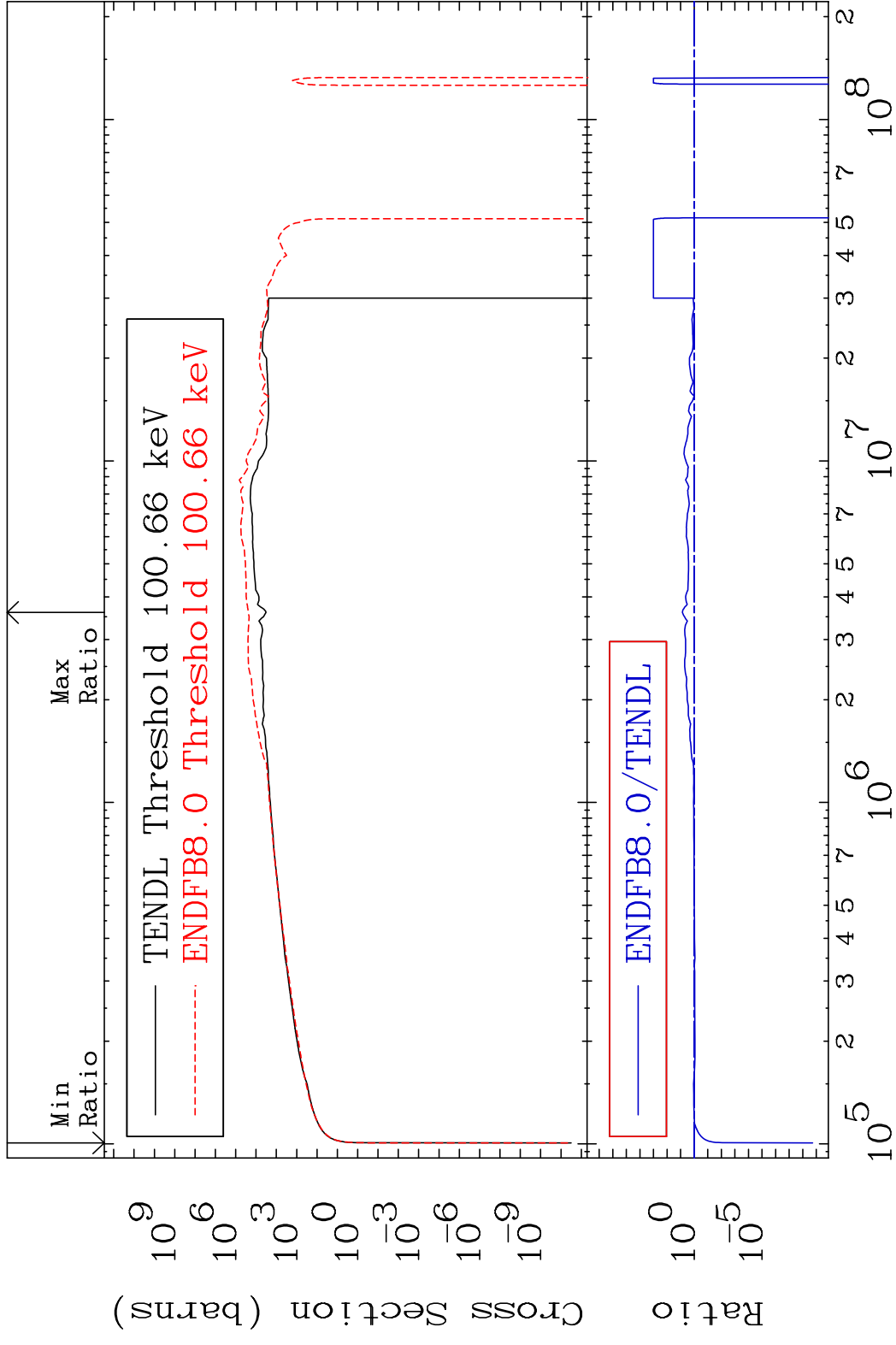
Incident Energy (eV)

74-W -182

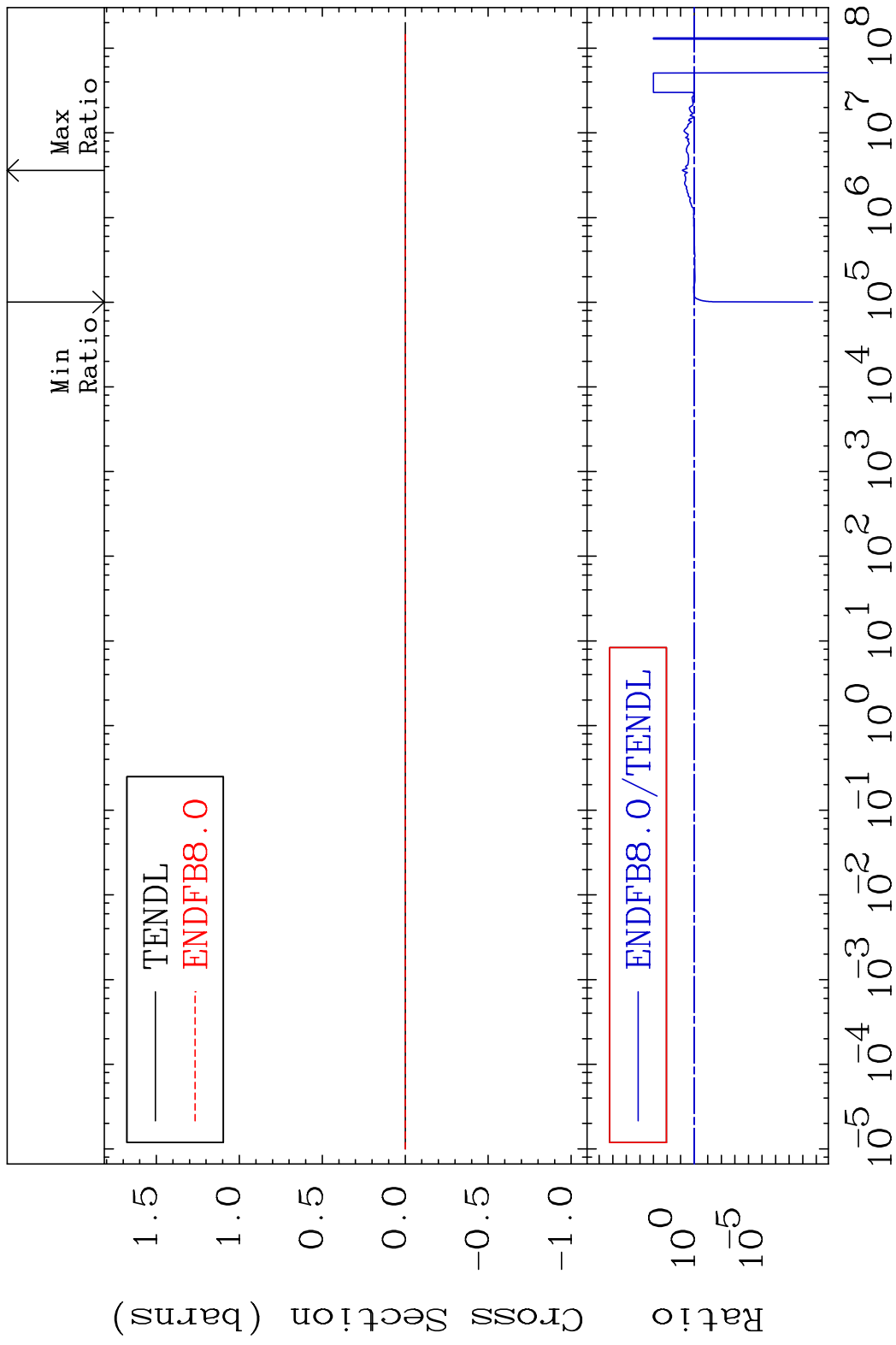
MAT 7431 Kerma non-elastic (all but mt2) 74-W -182
 Cross Section -99.99 To 9999. %



MAT 7431 Kerma inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 639.8 %



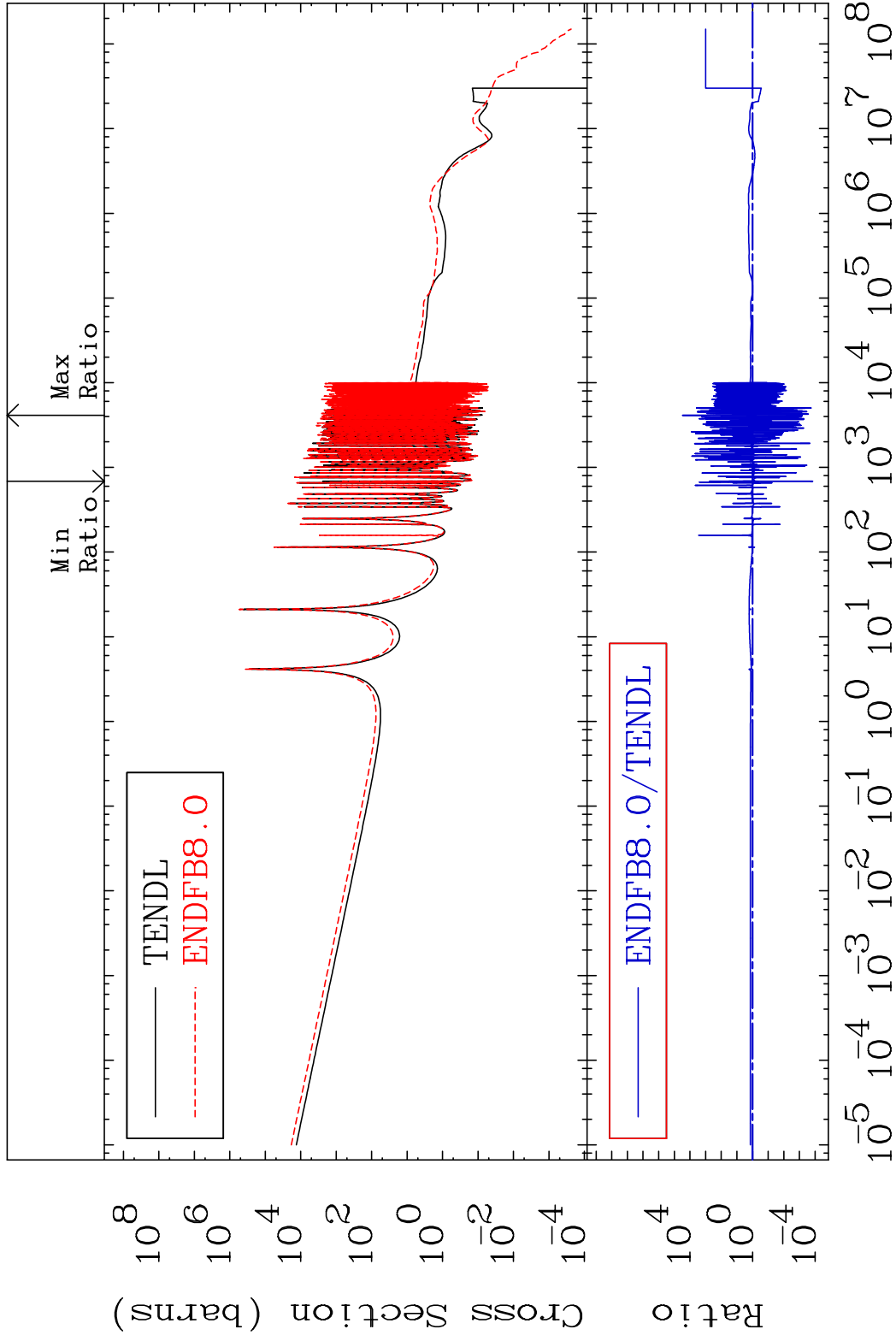
MAT 7431 Kerma fission (mt18 or mt19-20-21-38)74-W -182
 Cross Section -100.0 To 639.8 %



MAT 7431

Kerma capture (mt102) 74-W -182

Cross Section -99.99 To 9999. %

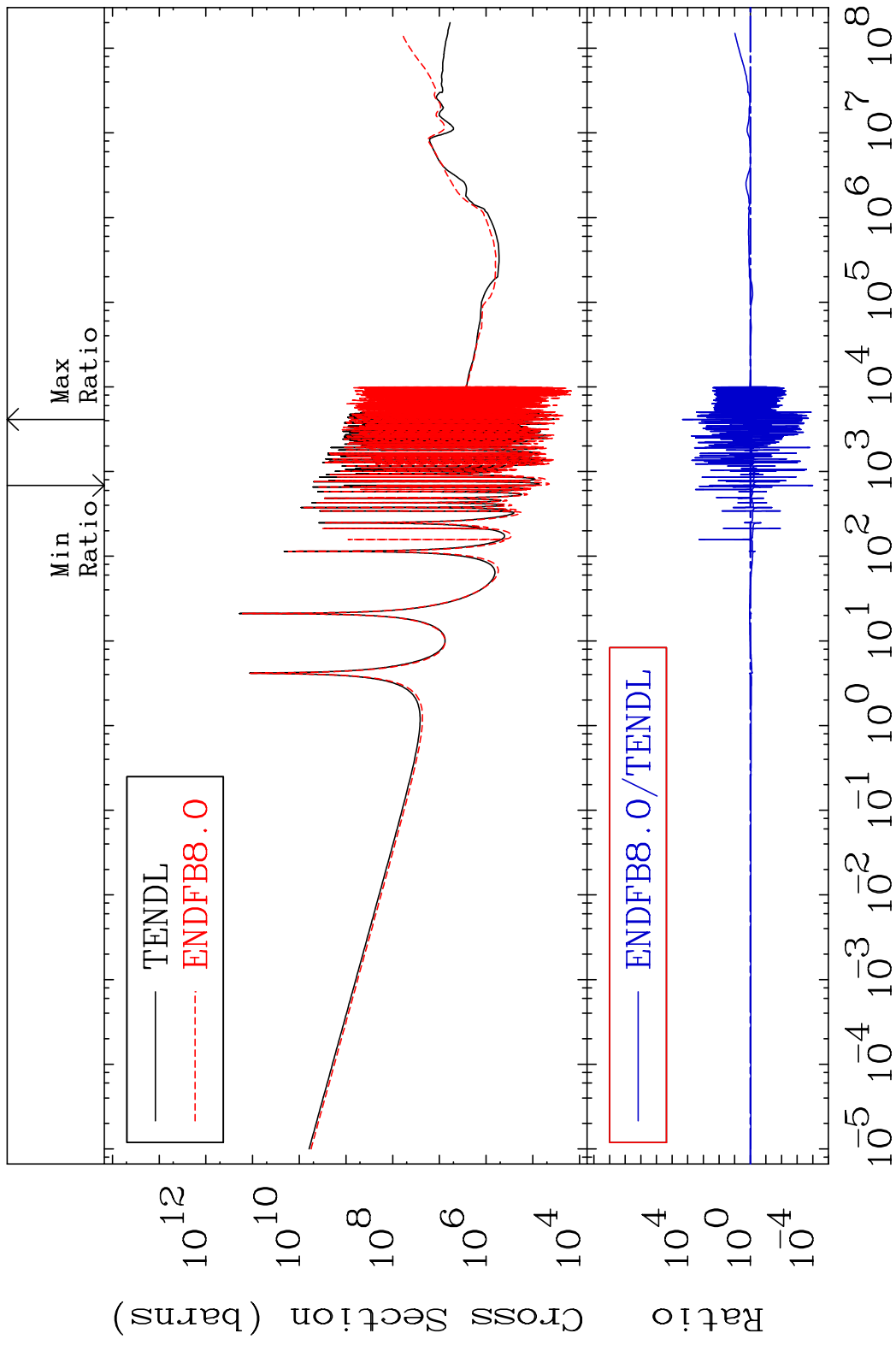


30

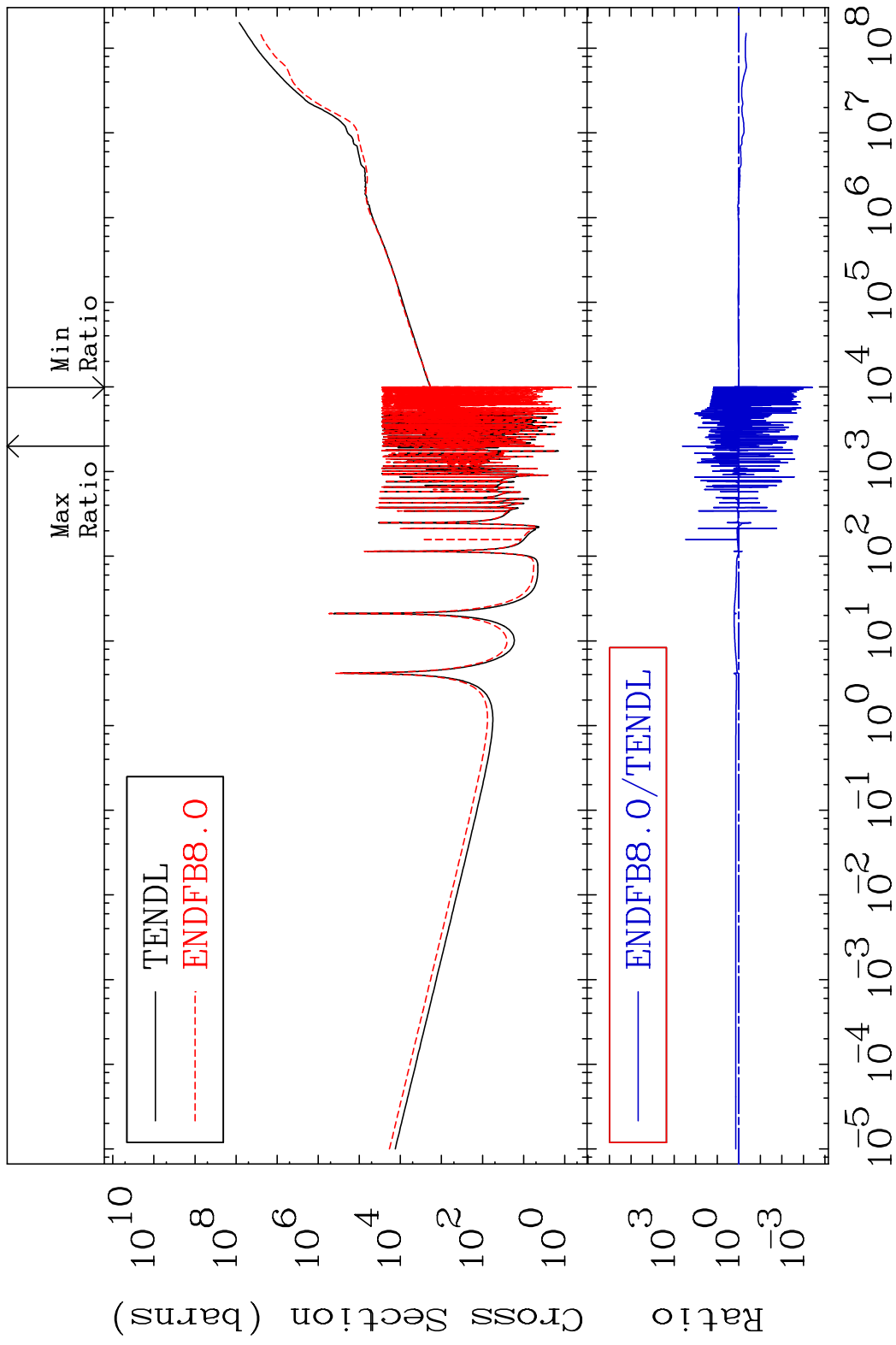
Incident Energy (eV)

74-W -182

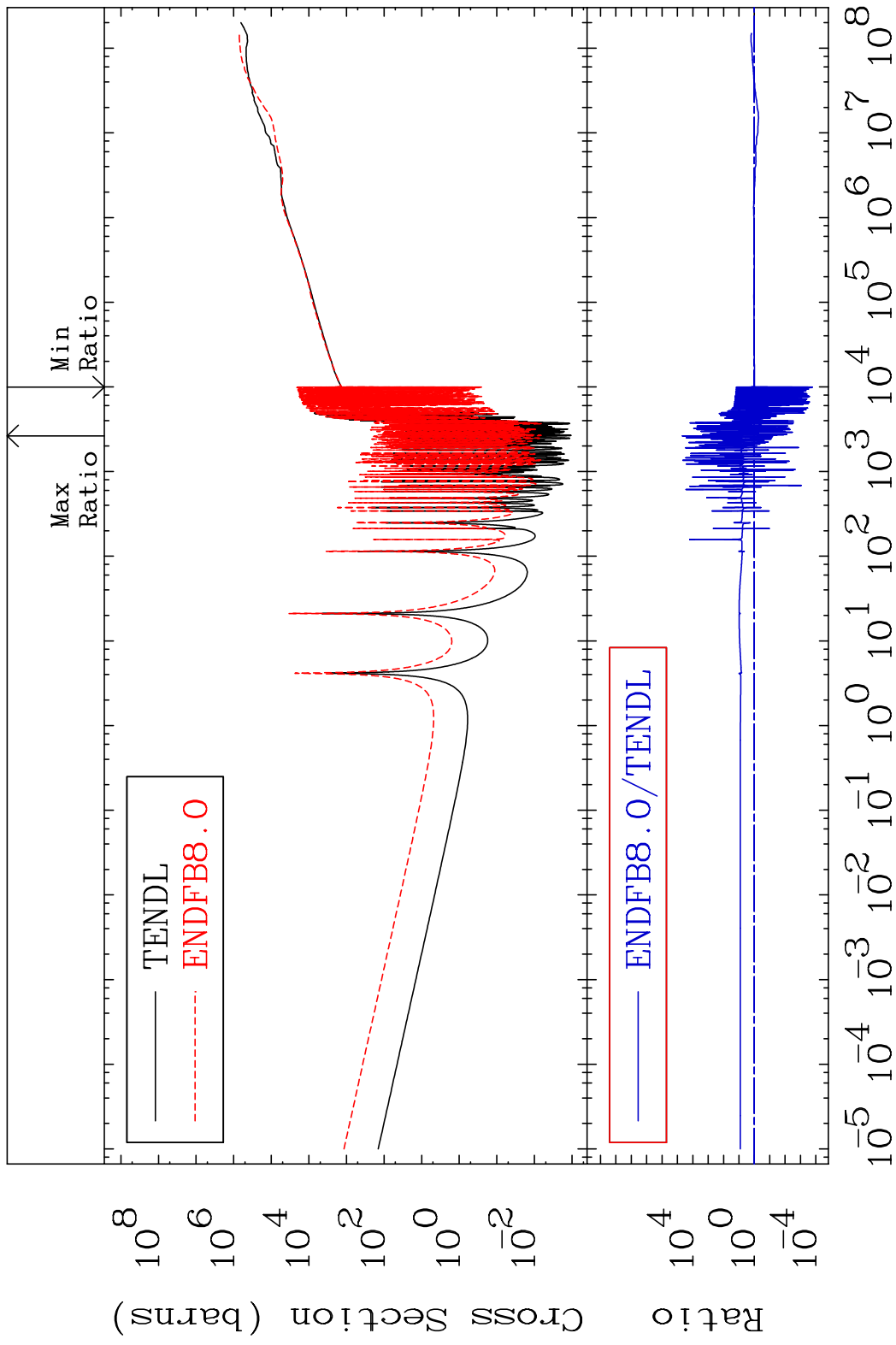
MAT 7431 Total photon (eV-barns) 74-W -182
 Cross Section -99.99 To 9999. %



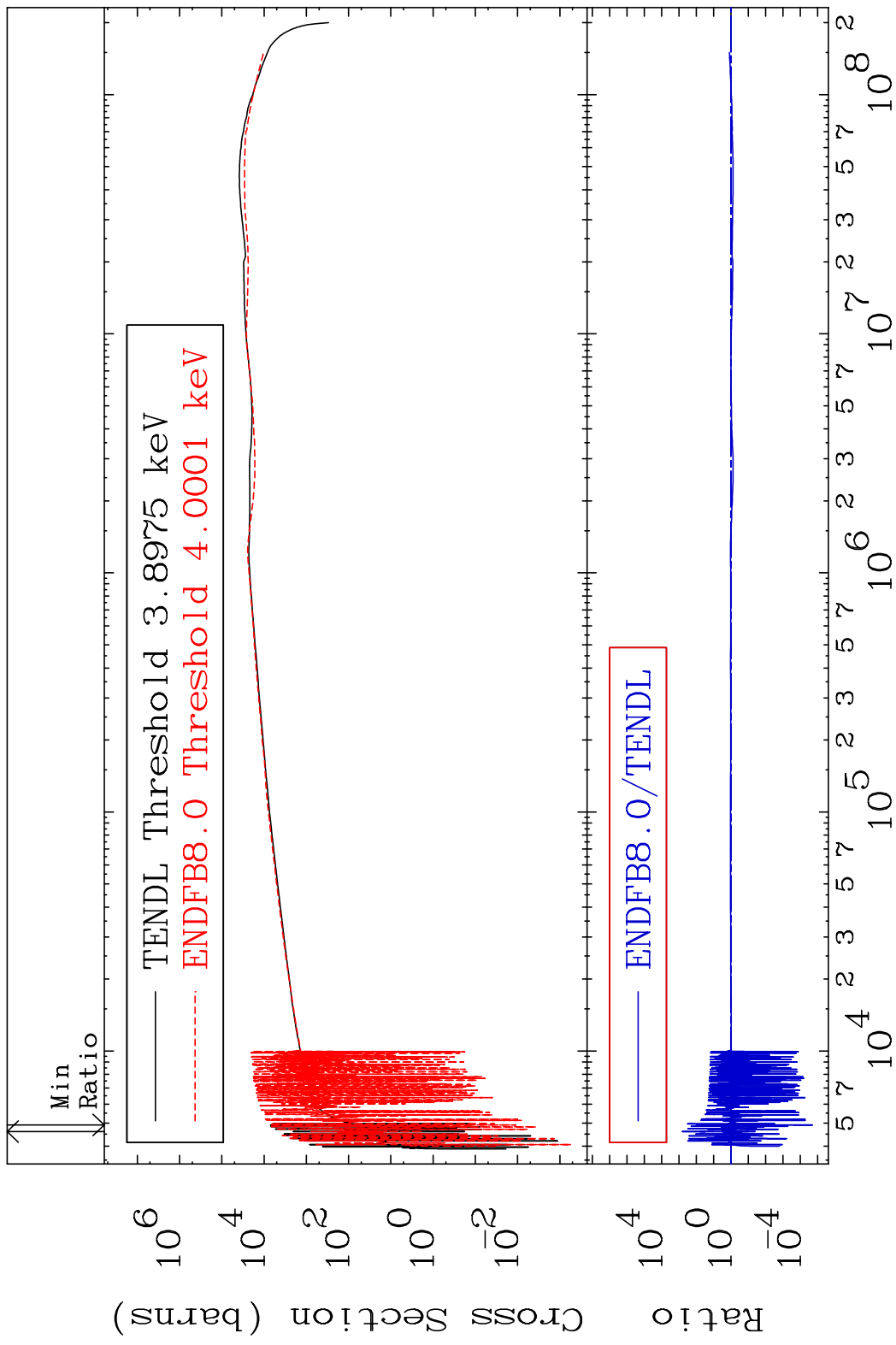
MAT 7431 Total kinematic kerma (high limit) 74-W -182
 Cross Section -99.96 To 9999. %



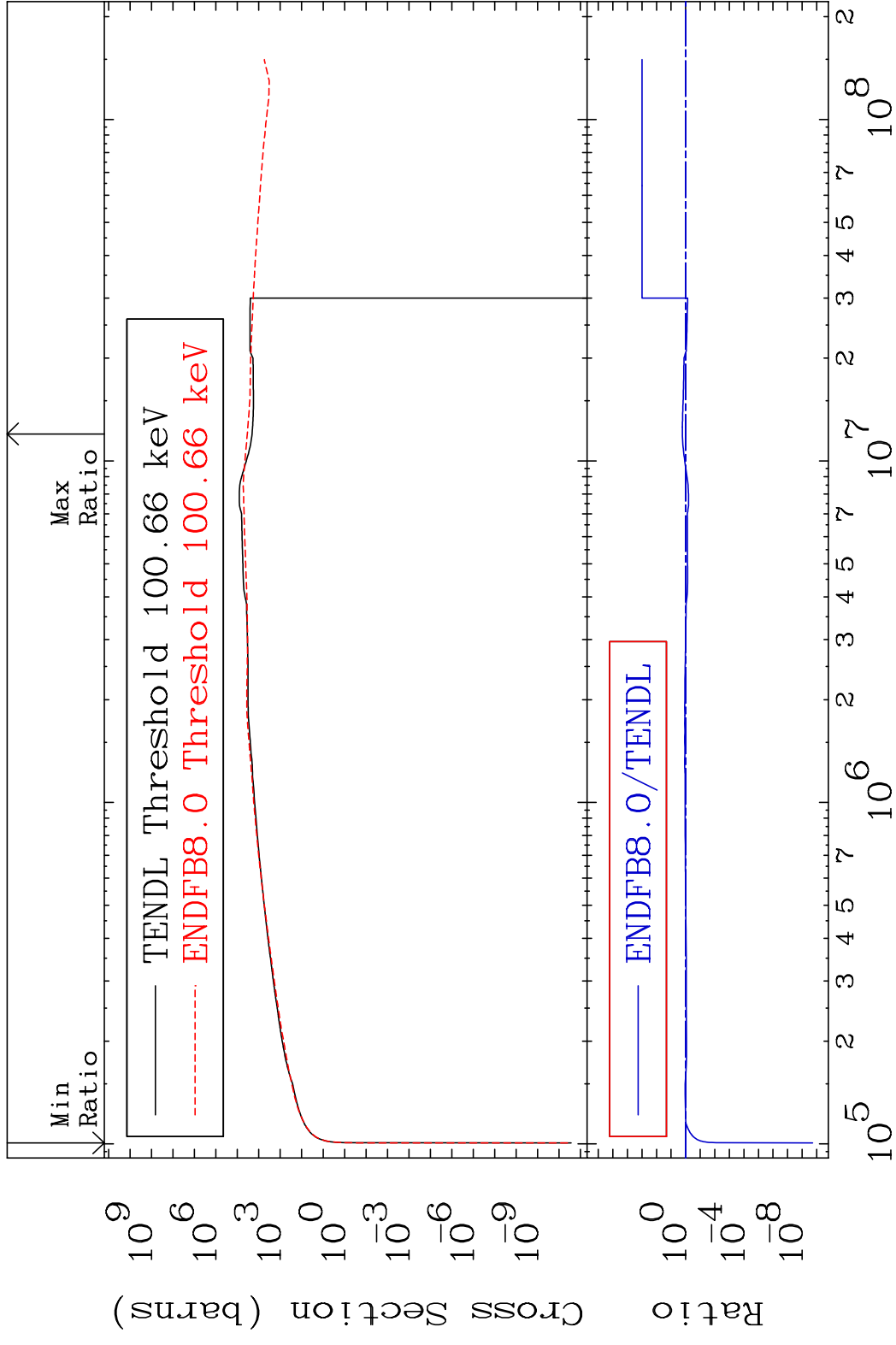
MAT 7431 Dpa total (eV-barns) 74-W -182
 Cross Section -99.98 To 9999. %



MAT 7431 Dpa elastic (mt2) 74-W -182
 Cross Section -100.0 To 9999. %

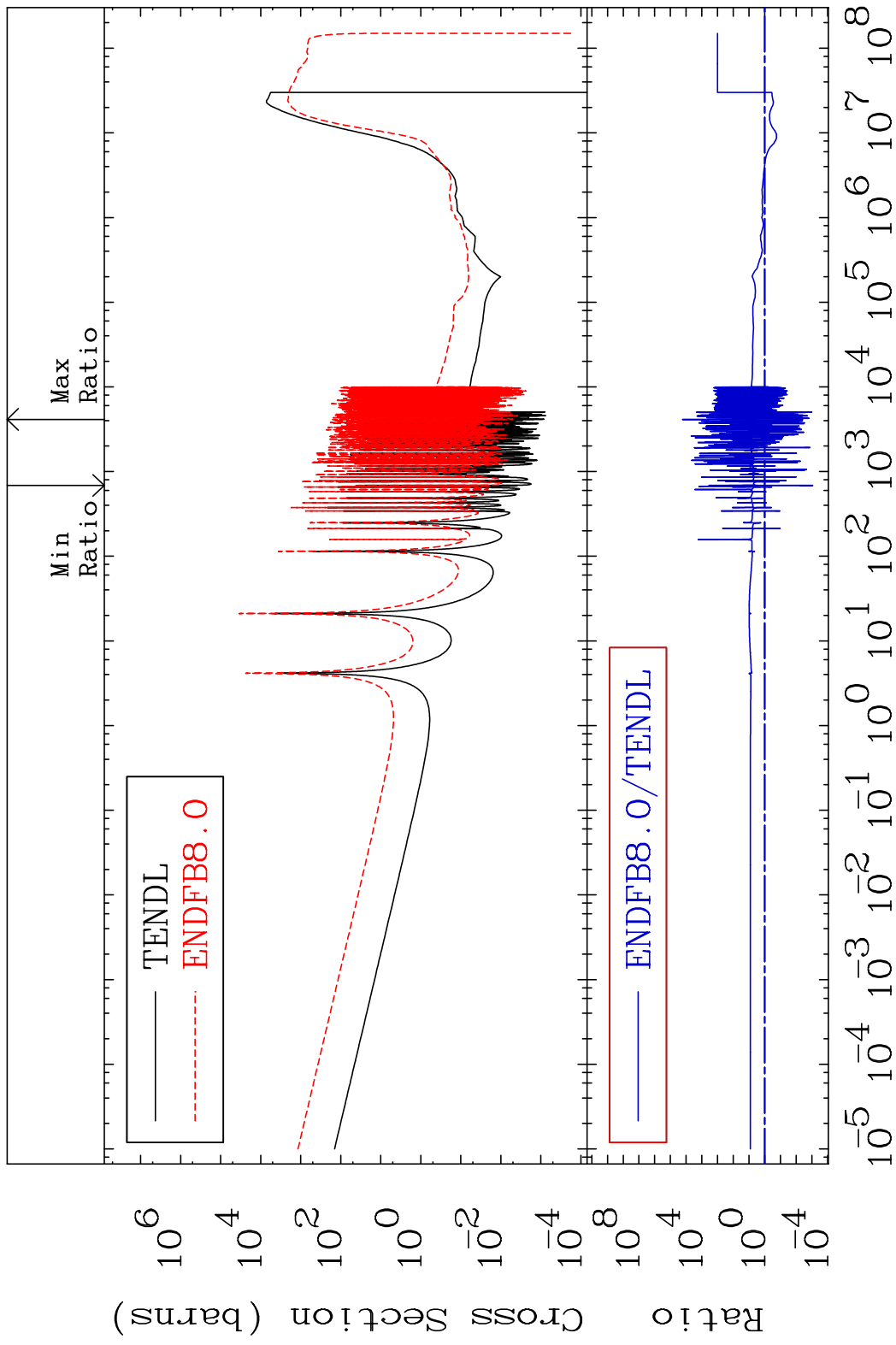


MAT 7431 Dpa inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 68.33 %

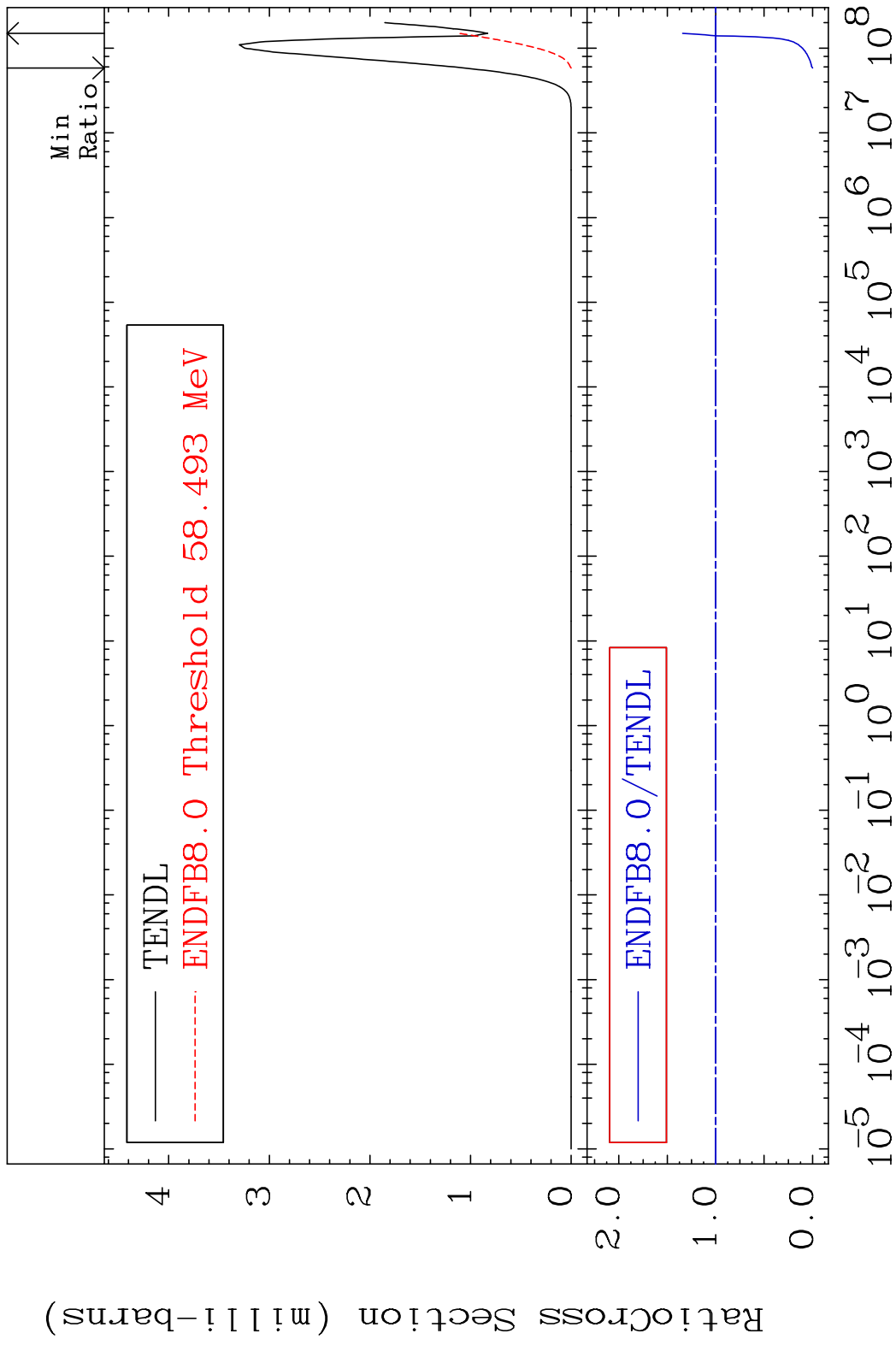


35 Incident Energy (eV) 74-W -182

MAT 7431 Dpa disappearance (mt102 -120) 74-W -182
 Cross Section -99.91 To 9999. %

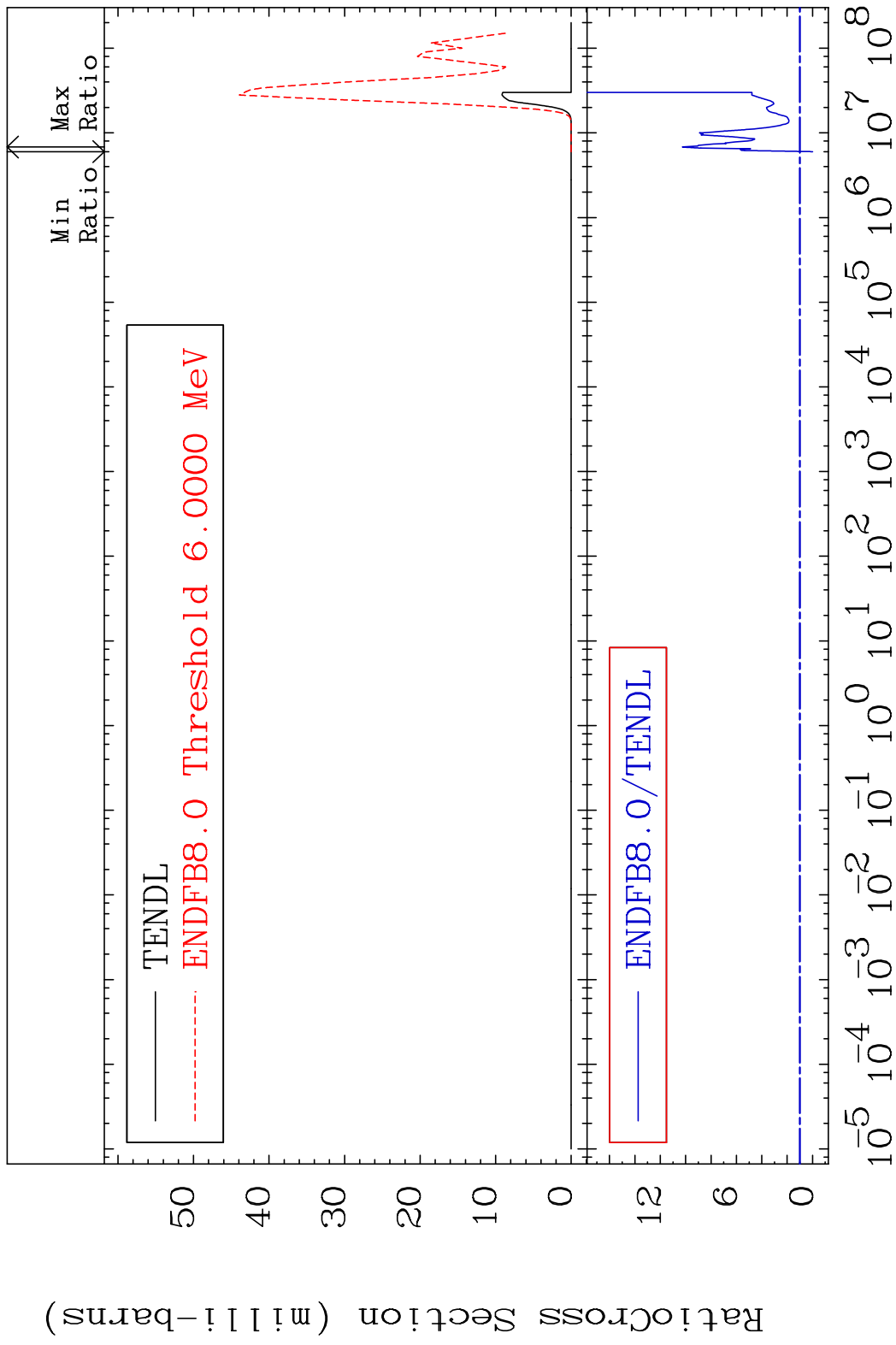


MAT 7431 Fission:0-??-Nat 74-W -182
 Radionuclide Production Cross Section 34.43 %

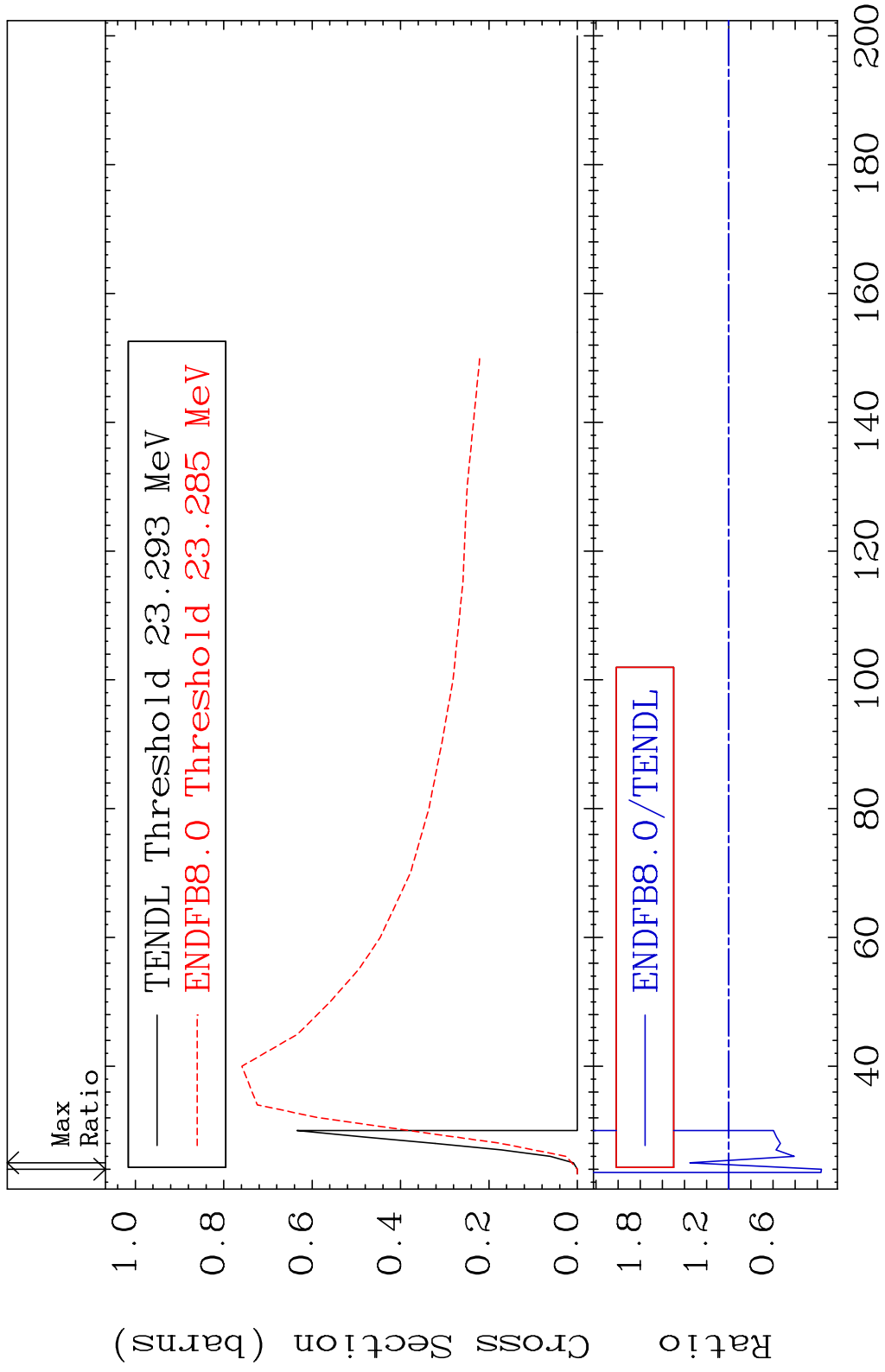


37 Incident Energy (eV) 74-W -182

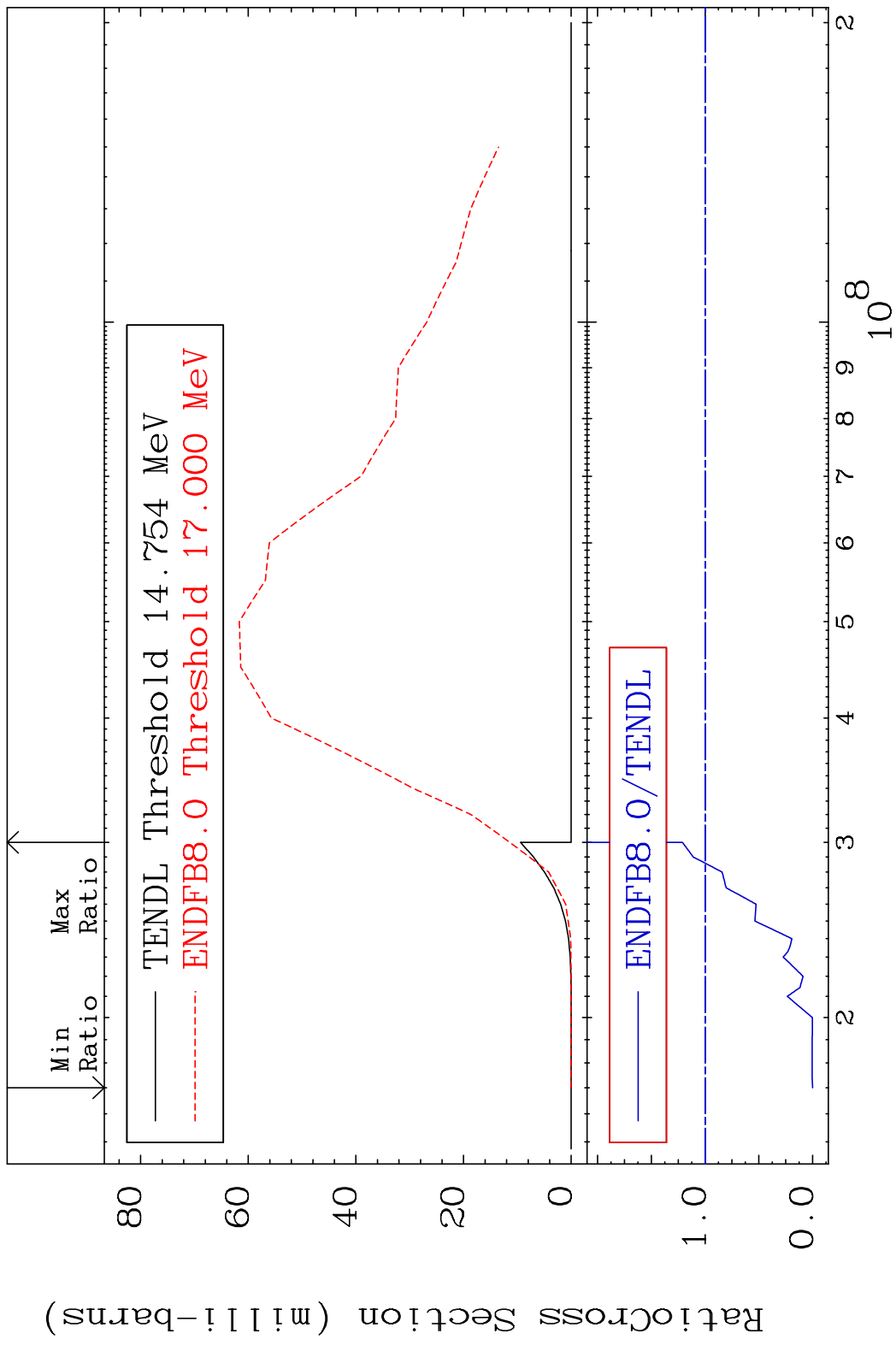
MAT 7431 (n, n') α :72-Hf-178g 74-W -182
 Radionuclide Production Cross Section 180.0 dth 925.9 %



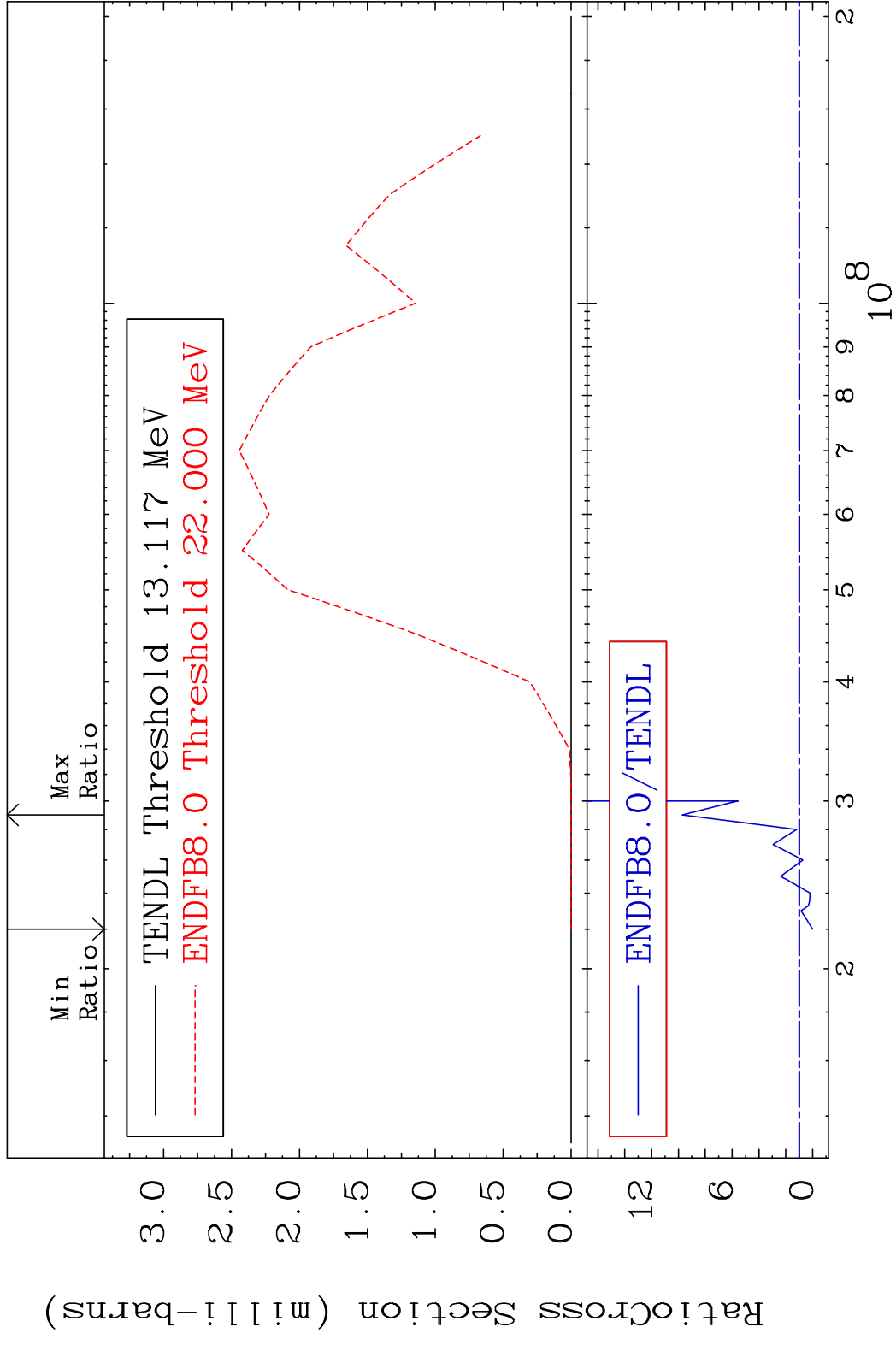
MAT 7431 (n,4n):74-W -179g 74-W -182
 Radionuclide Production Cross Section 35.28 %



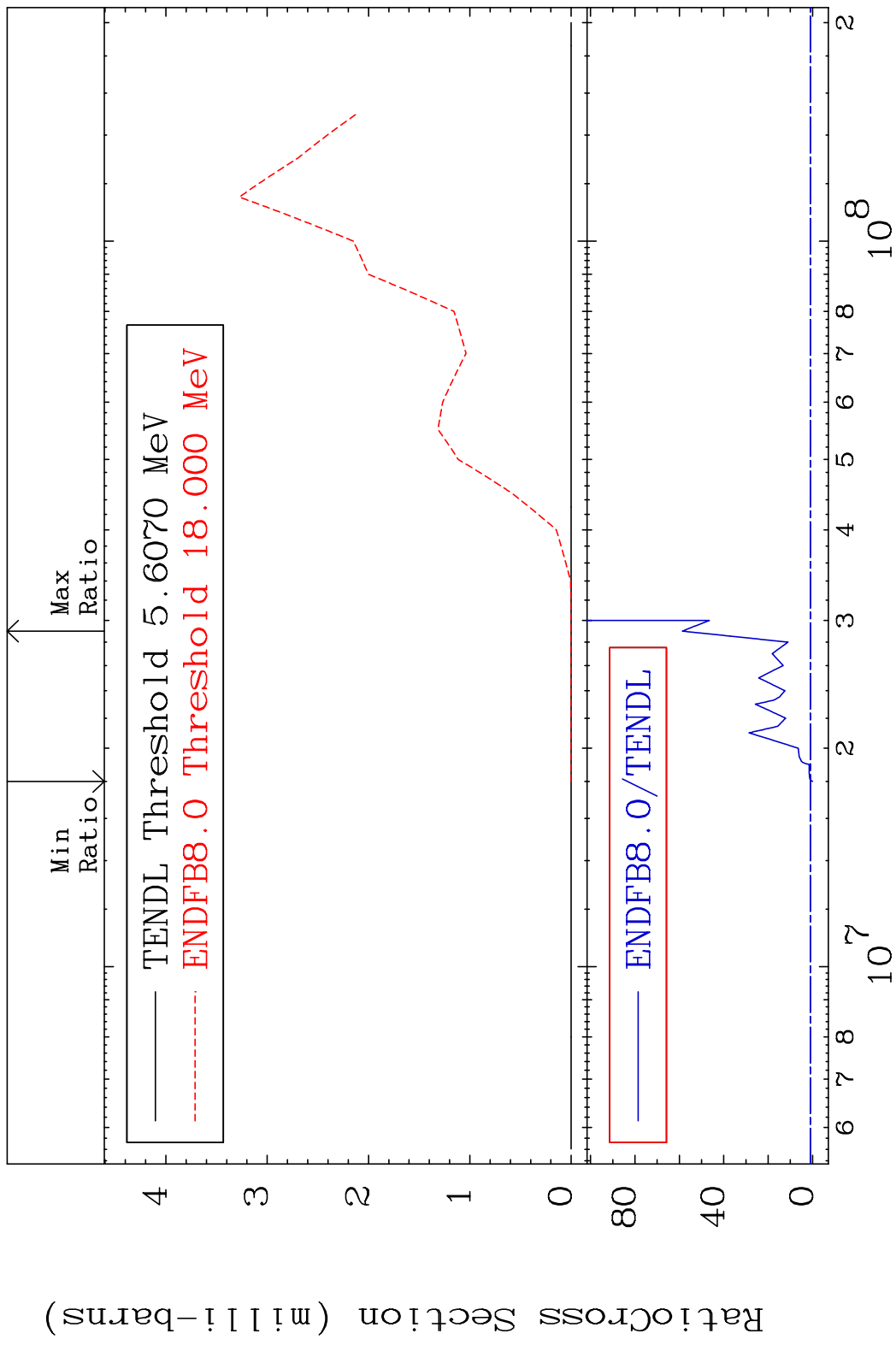
MAT 7431 (n,2n) p:73-Ta-180g 74-W -182
 Radionuclide Production Cross Section Ratio 21.17 %



40 Incident Energy (eV) 74-W -182

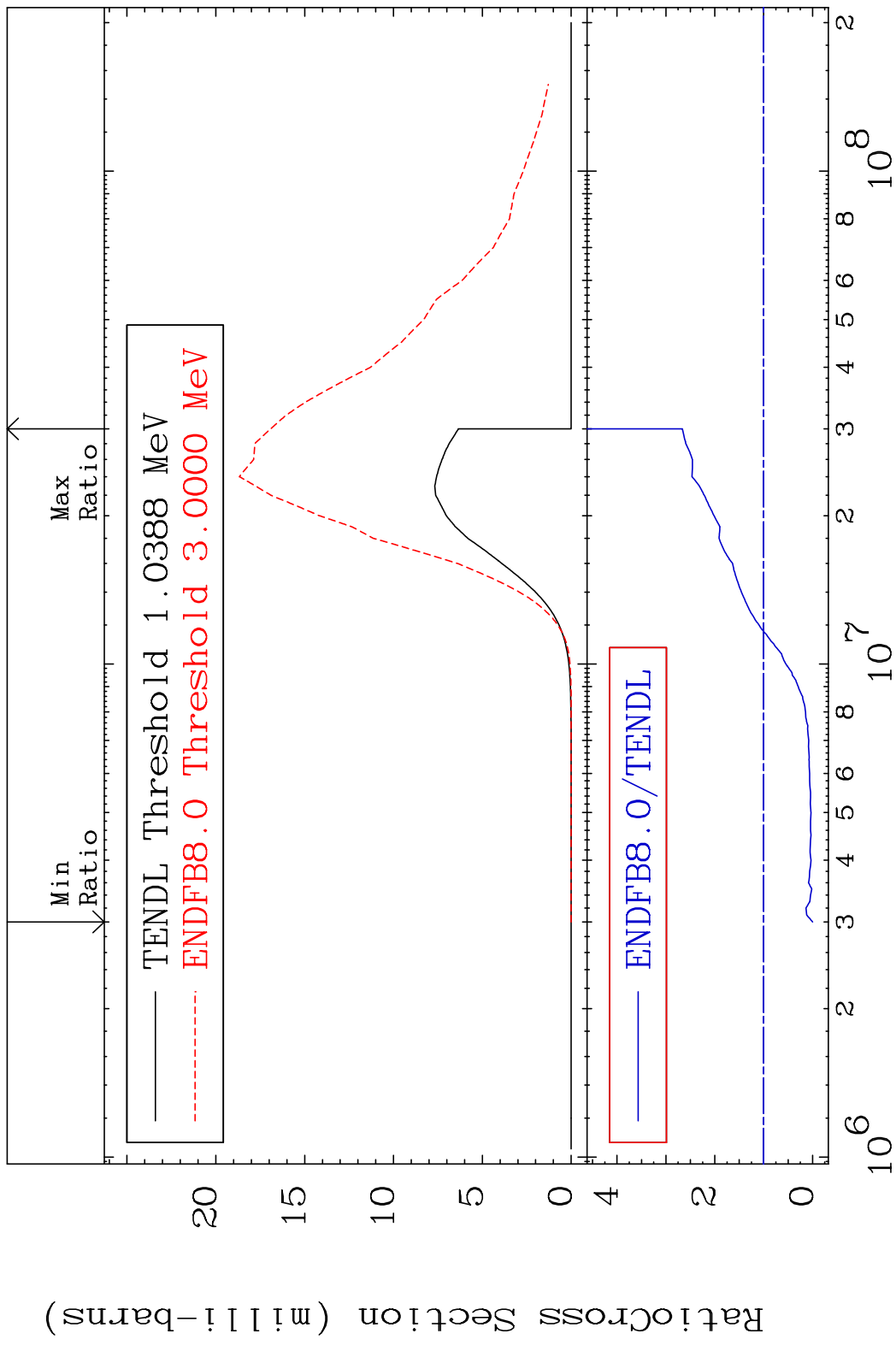


MAT 7431 (n, n') p α : 71-Lu-177g 74-W -182
 Radionuclide Production Cross Section 18.001 dth 5766. %



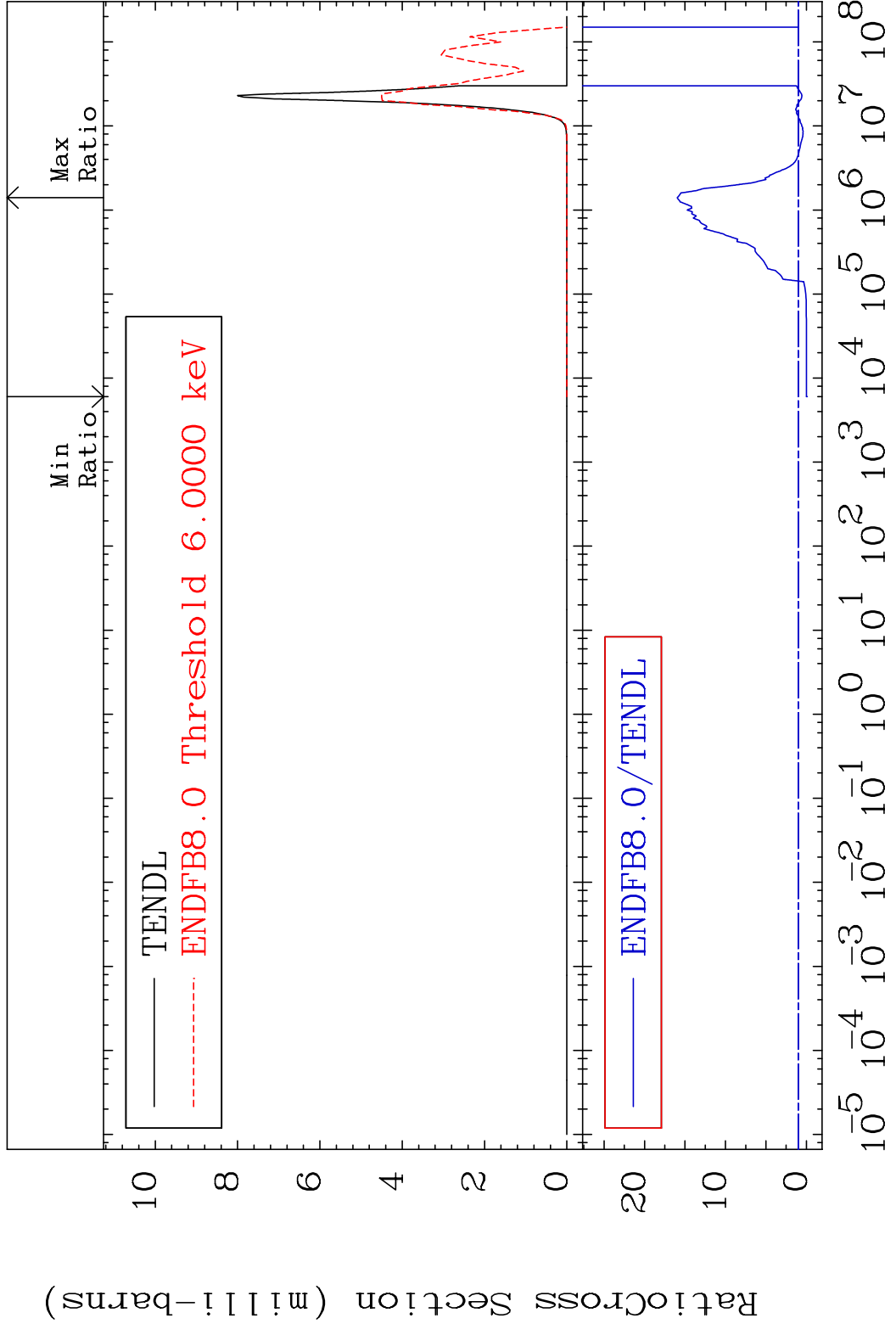
42 Incident Energy (eV) 74-W -182

MAT 7431 (n,p):73-Ta-182g 74-W -182
 Radionuclide Production Cross Section 186.0 mb 166.4 %

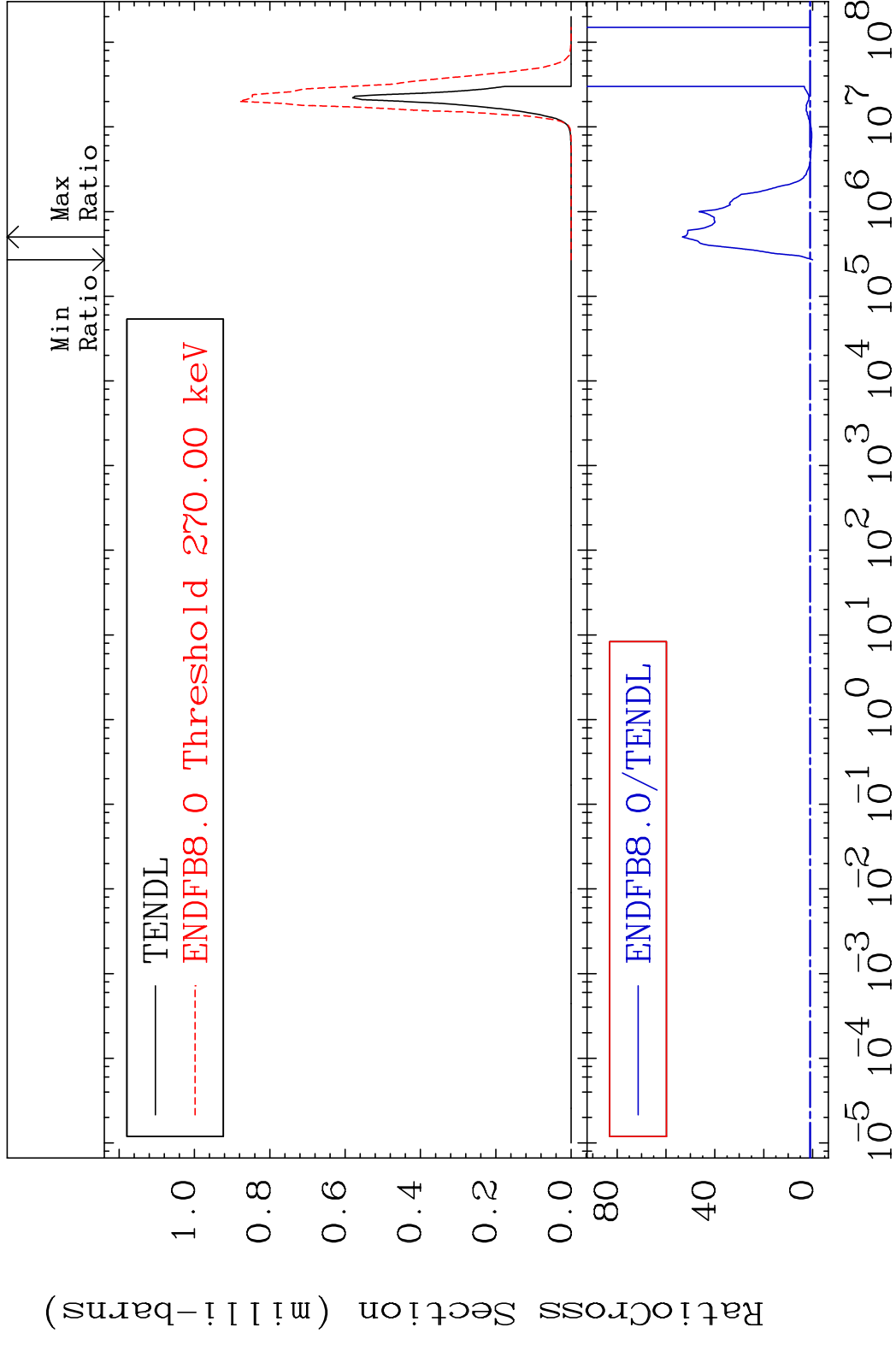


43 Incident Energy (eV) 74-W -182

MAT 7431 (n,α):72-Hf-179g 74-W -182
 Radionuclide Production Cross Section 1800.0 dth 1496. %

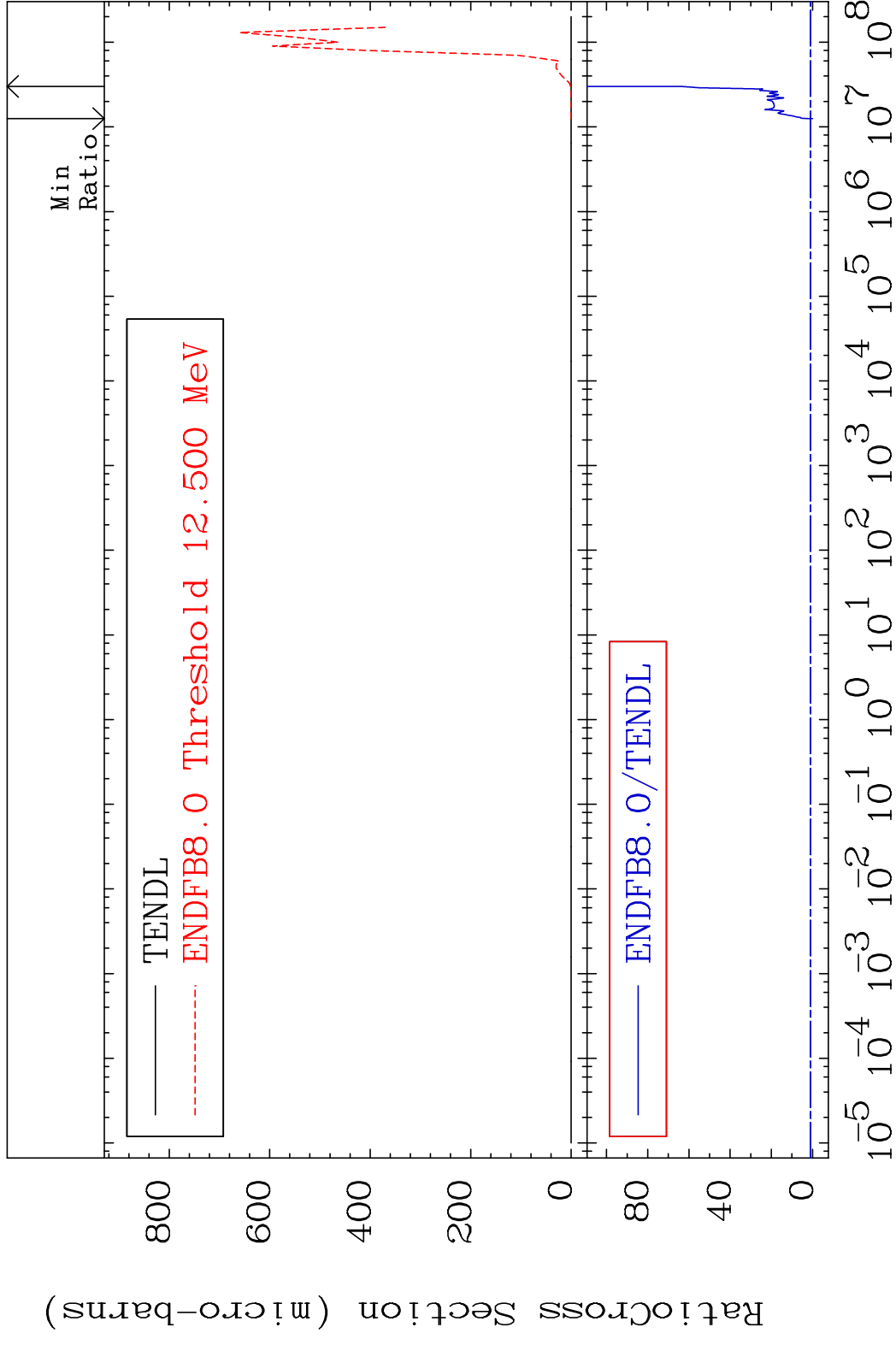


MAT 7431 (n, α): 72-Hf-179m5 74-W -182
 Radionuclide Production Cross Section Ratio 5229. %



45 Incident Energy (eV) 74-W -182

MAT 7431 (n,p) α :71-Lu-178g 74-W -182
 Radionuclide Production Cross Section 180.0 dth 6220. %



46 Incident Energy (eV) 74-W -182