

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

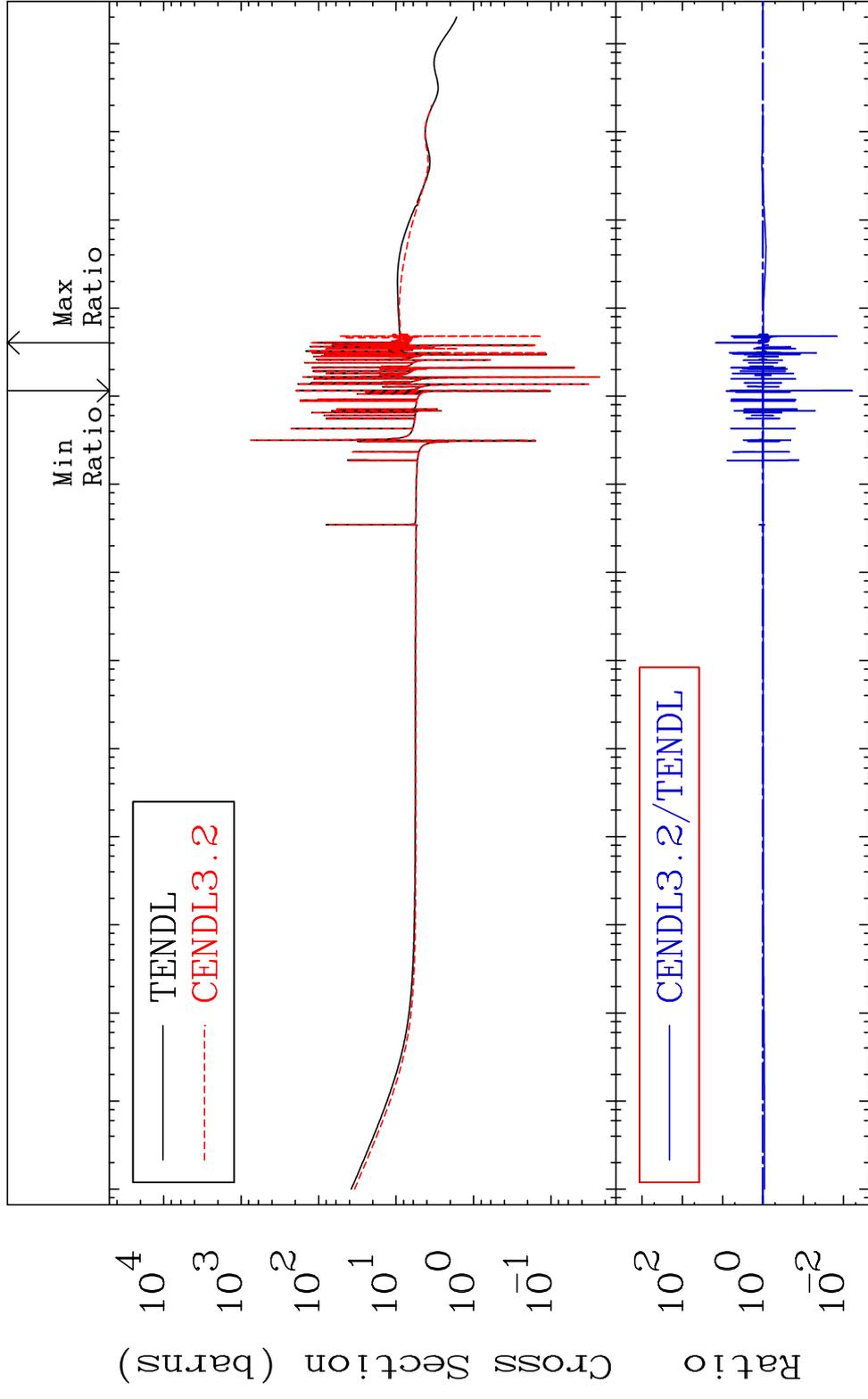
MAT 4225

Total

42-Mo-92

Cross Section

-99.40 To 1369. %



1

Incident Energy (eV)

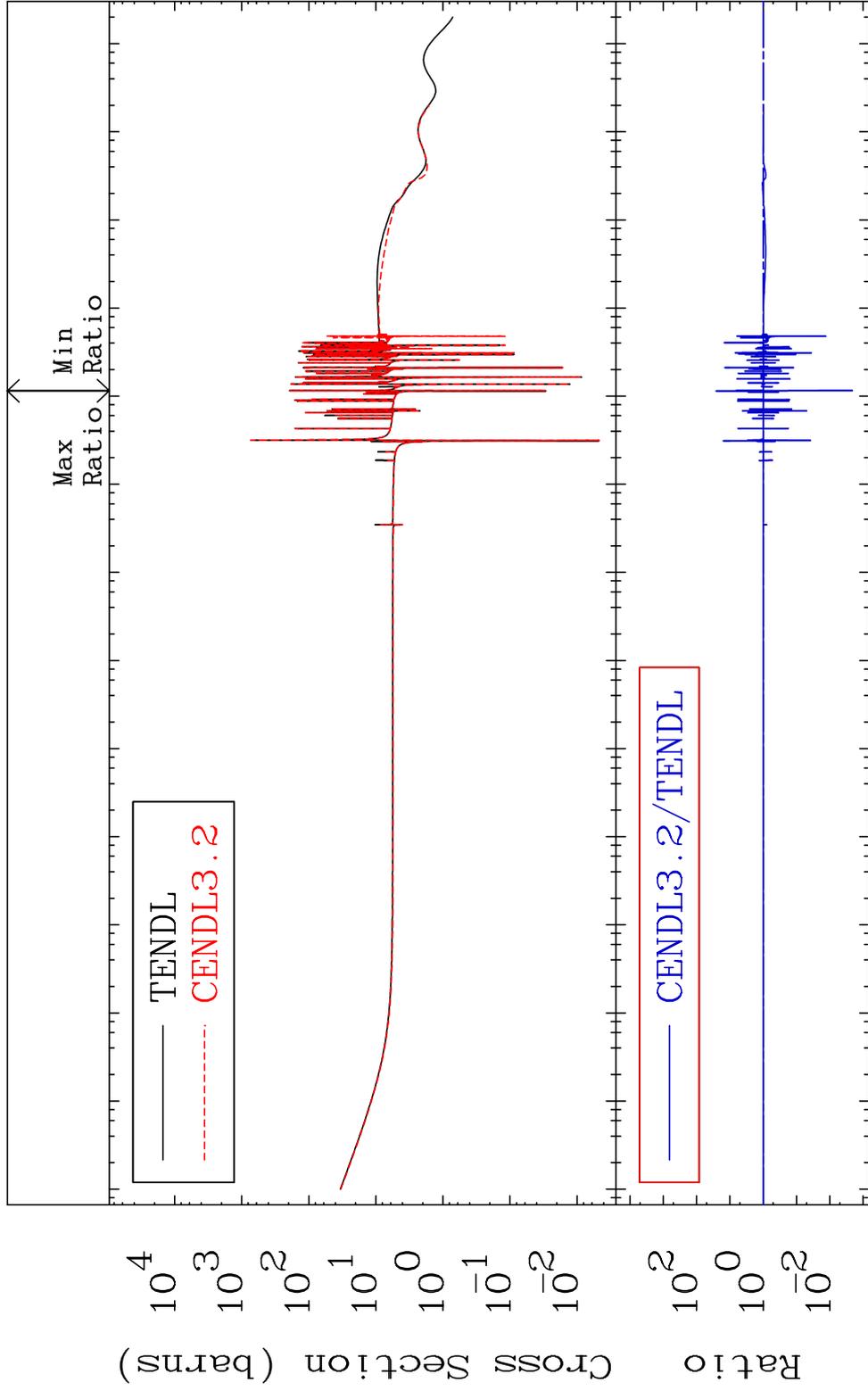
42-Mo-92

MAT 4225

Elastic

42-Mo-92

Cross Section -99.79 To 2532. %

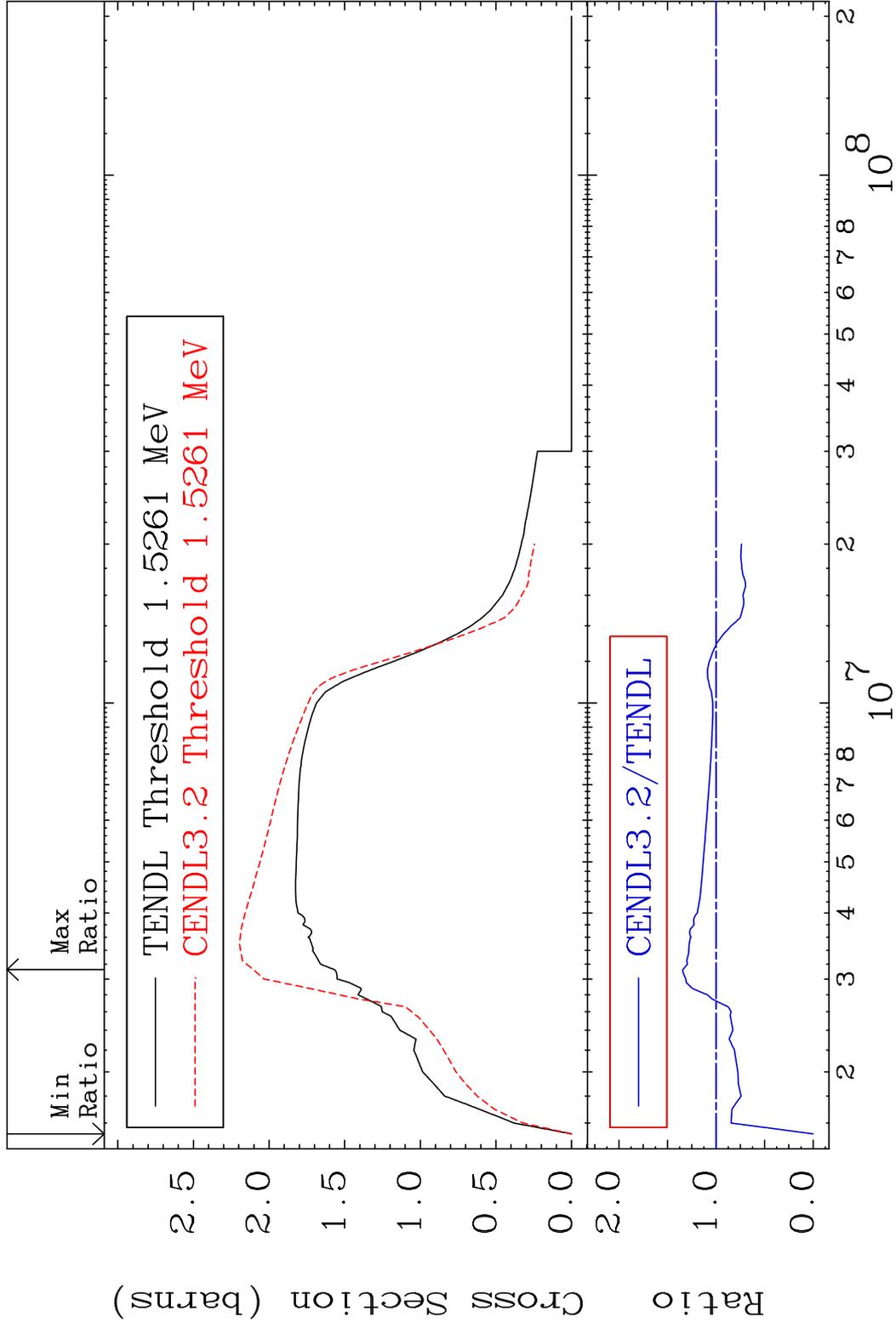


2

Incident Energy (eV)

42-Mo-92

MAT 4225 Inelastic 42-Mo-92
 Cross Section -100.0 To 34.23 %

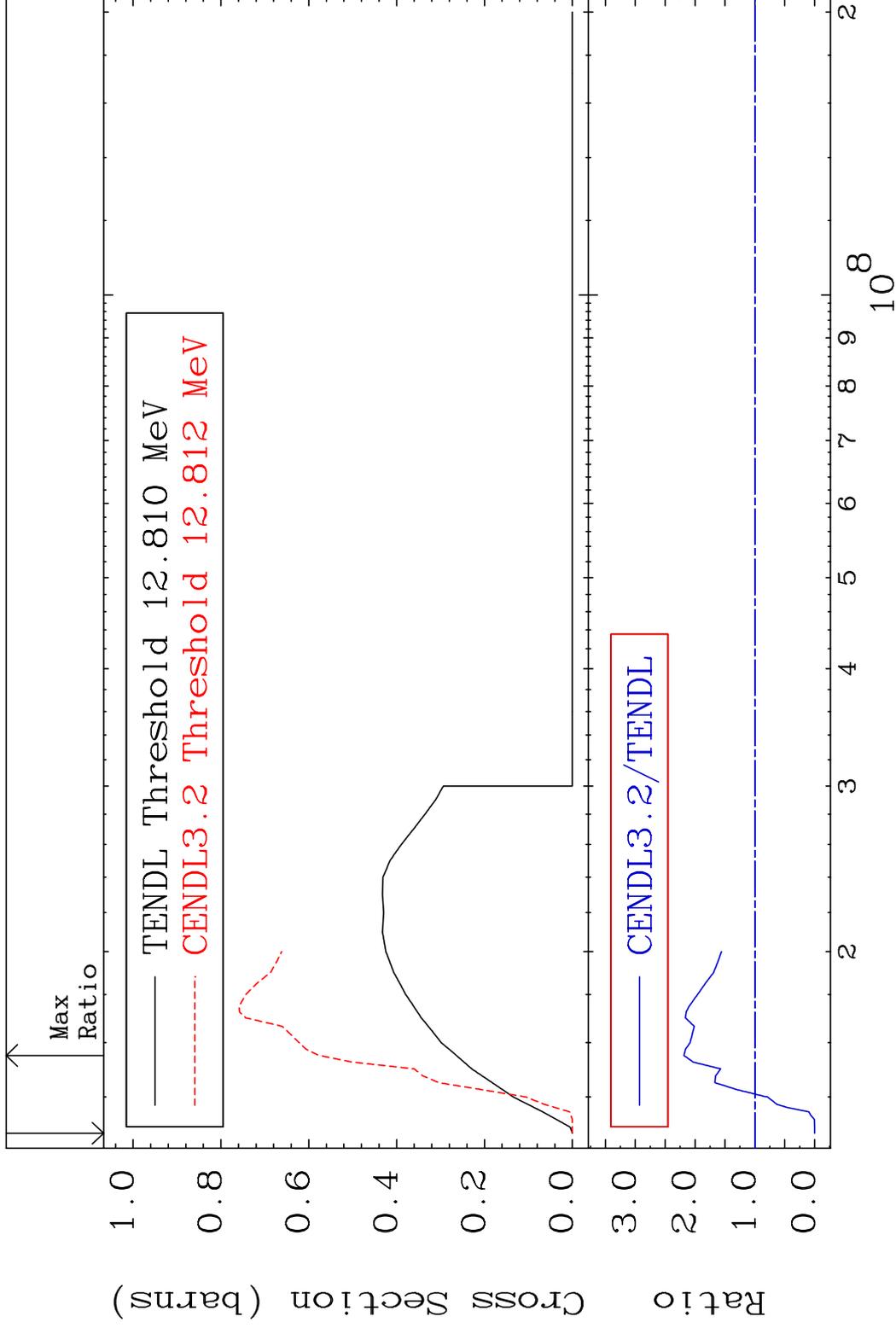


MAT 4225

(n,2n)

42-Mo-92

Cross Section -100.0 To 118.7 %



4

Incident Energy (eV)

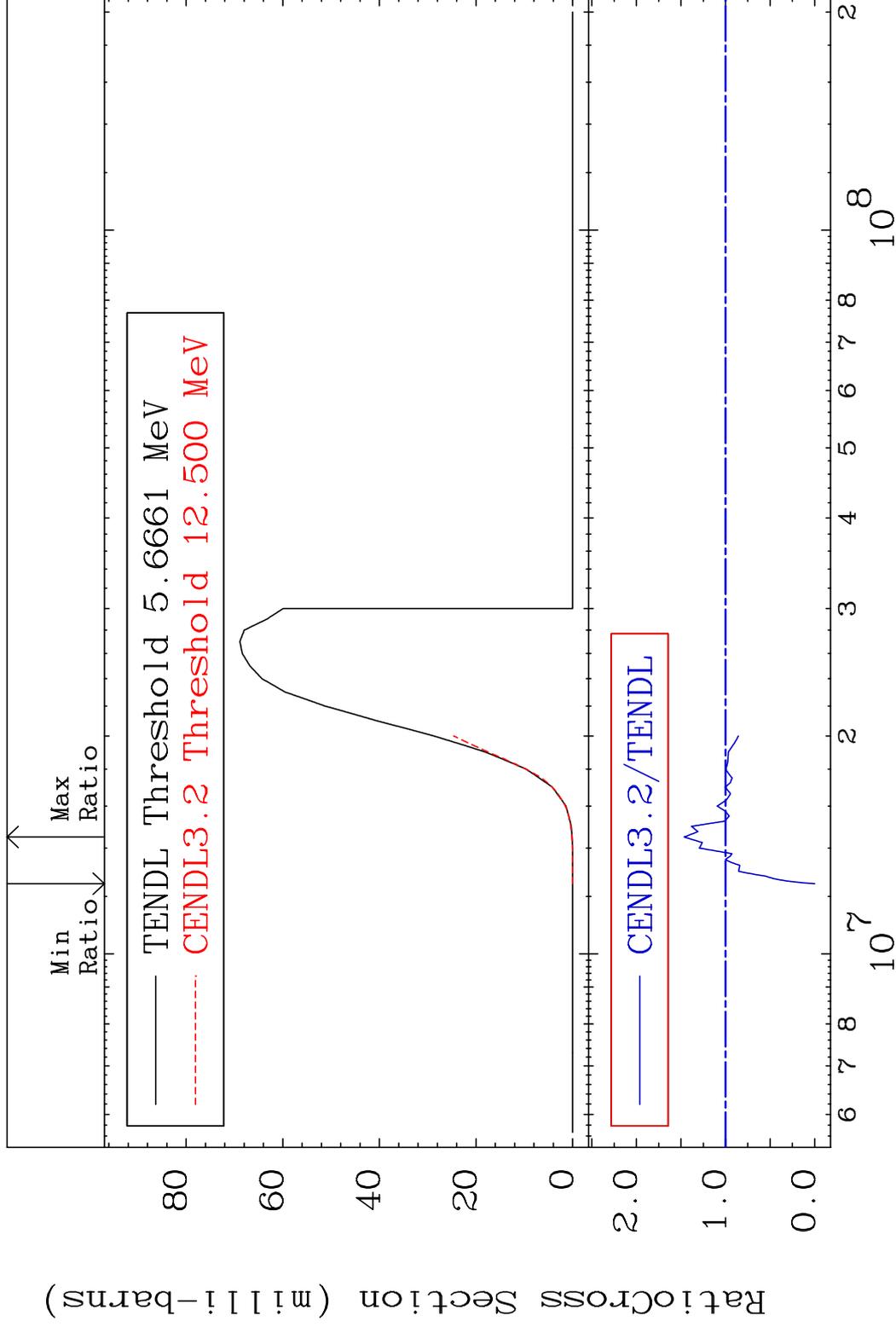
42-Mo-92

MAT 4225

(n, n') α

42-Mo-92

Cross Section -100.0 To 46.50 %



5

Incident Energy (eV)

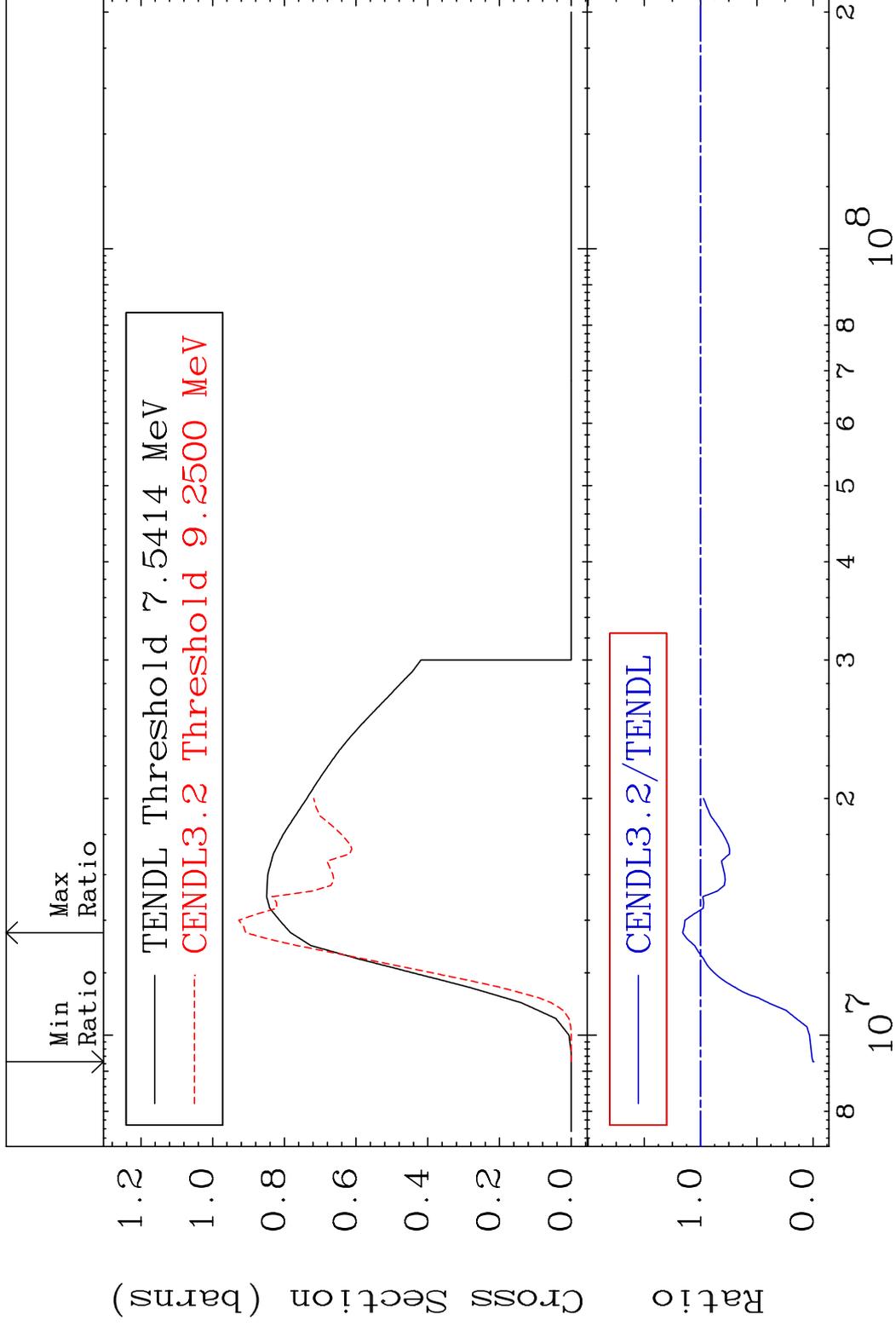
42-Mo-92

MAT 4225

(n, n') p

42-Mo-92

Cross Section -100.0 To 15.98 %

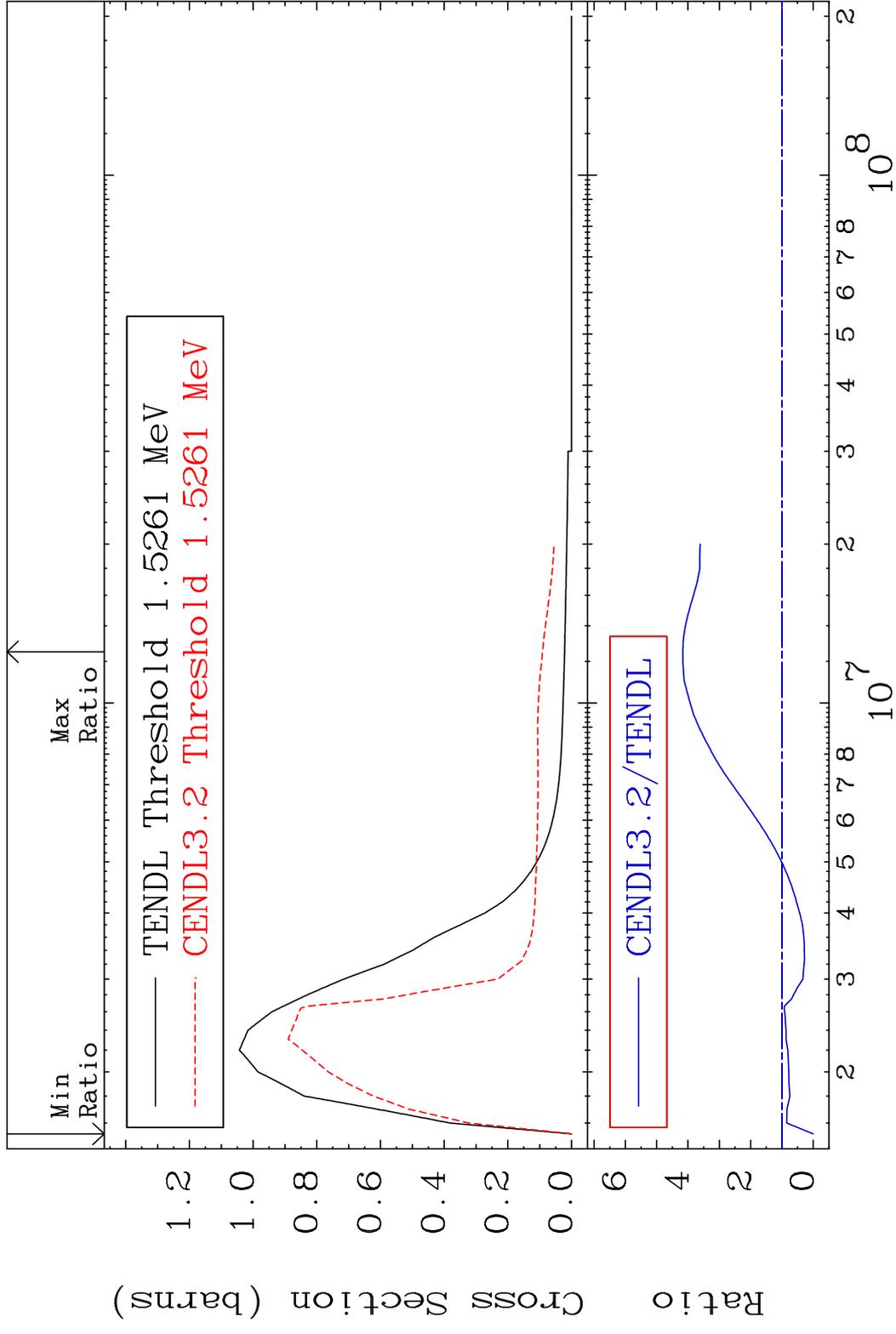


6

Incident Energy (eV)

42-Mo-92

MAT 4225 MT= 51 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 316.5 %

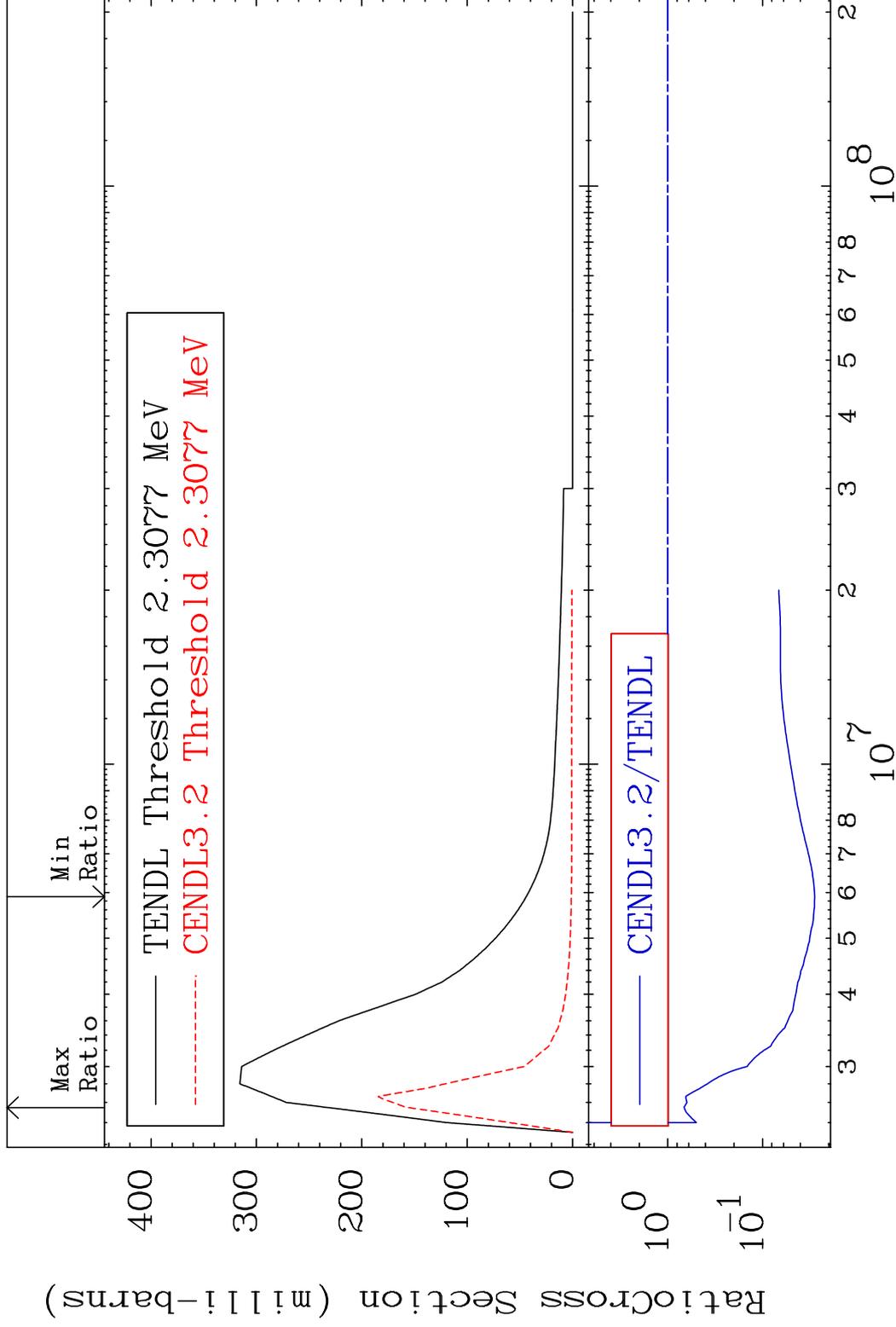


MAT 4225

MT= 52 (n, n') Level

42-Mo-92

Cross Section -97.18 To -32.74%

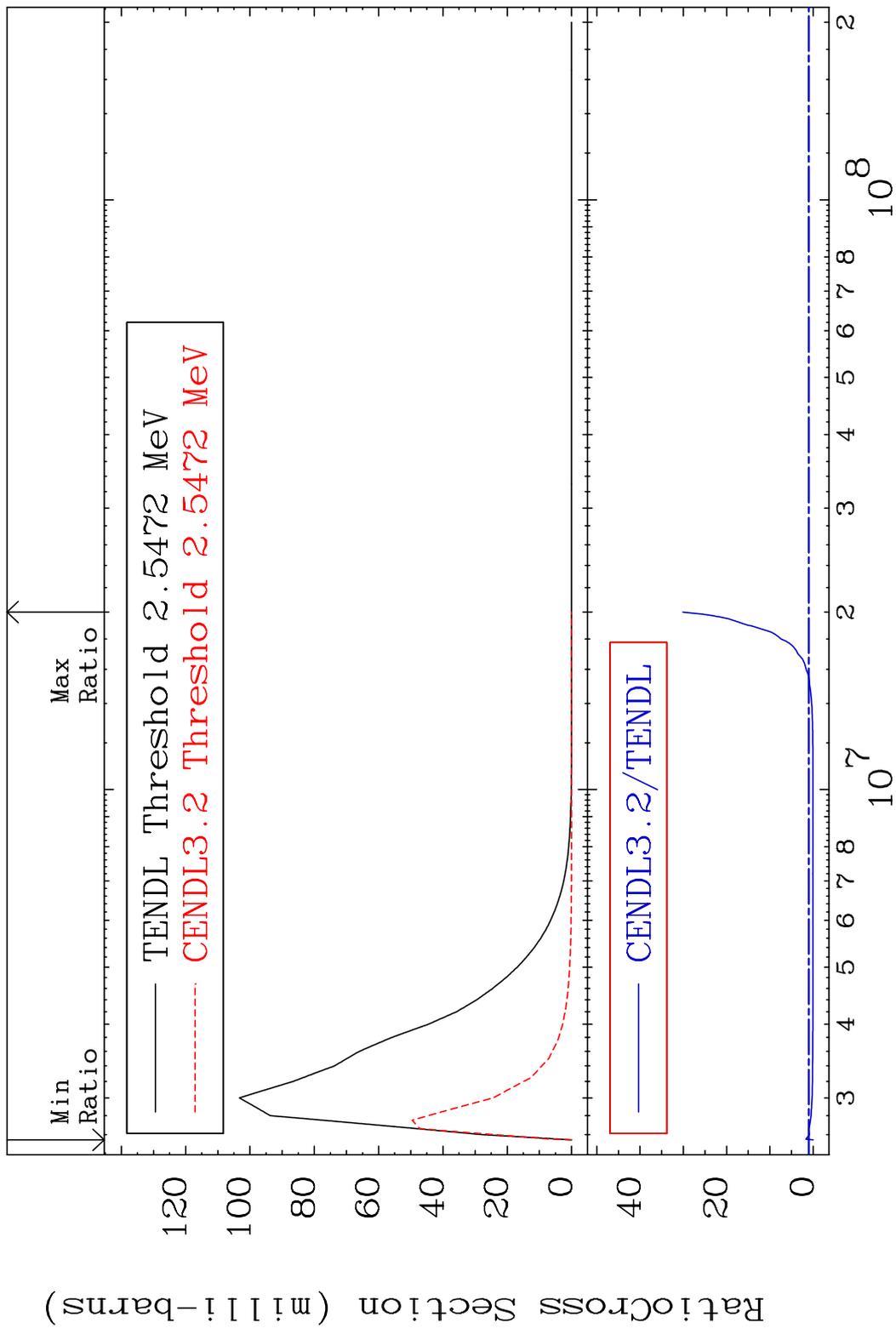


8

Incident Energy (eV)

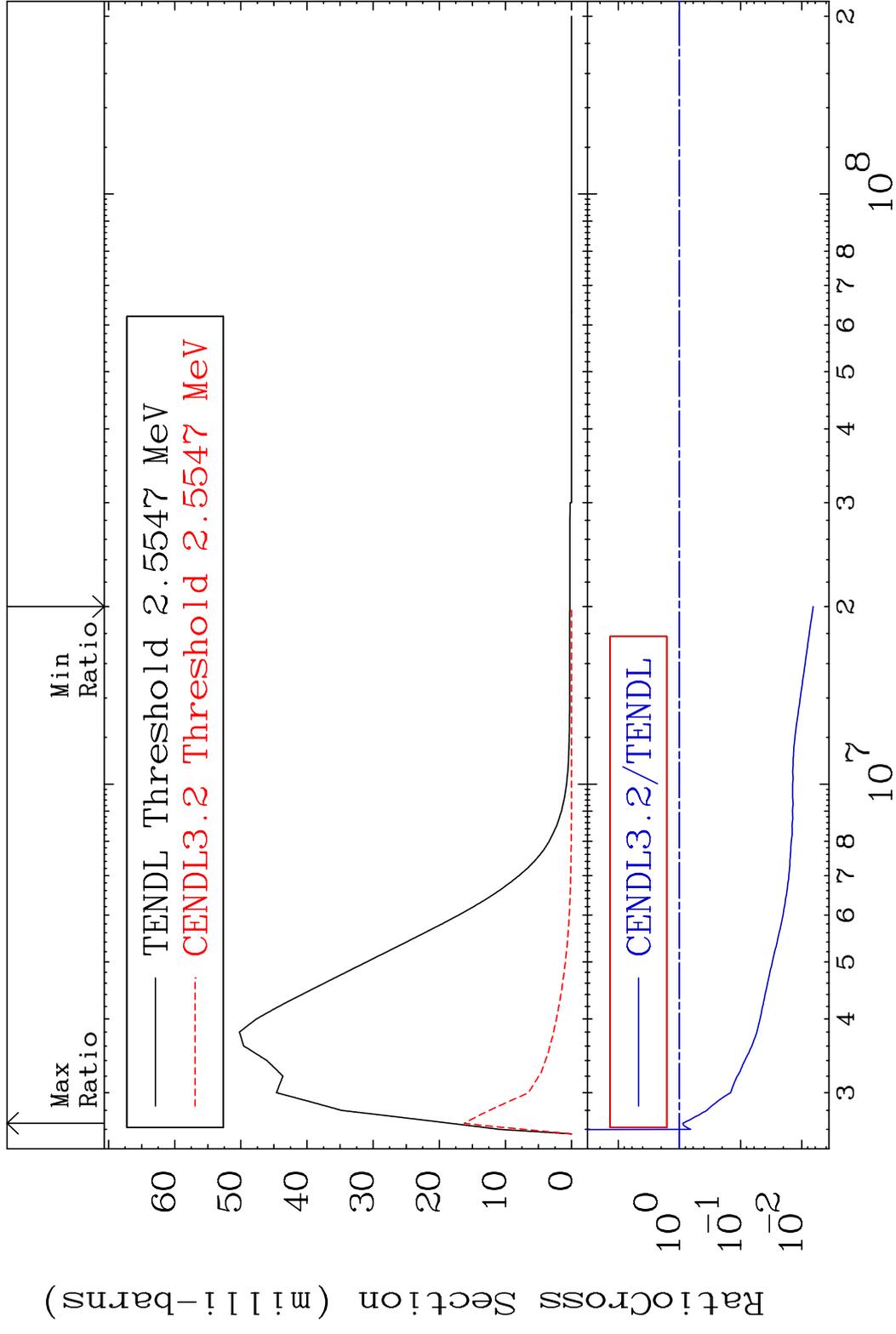
42-Mo-92

MAT 4225 MT= 53 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 2911. %



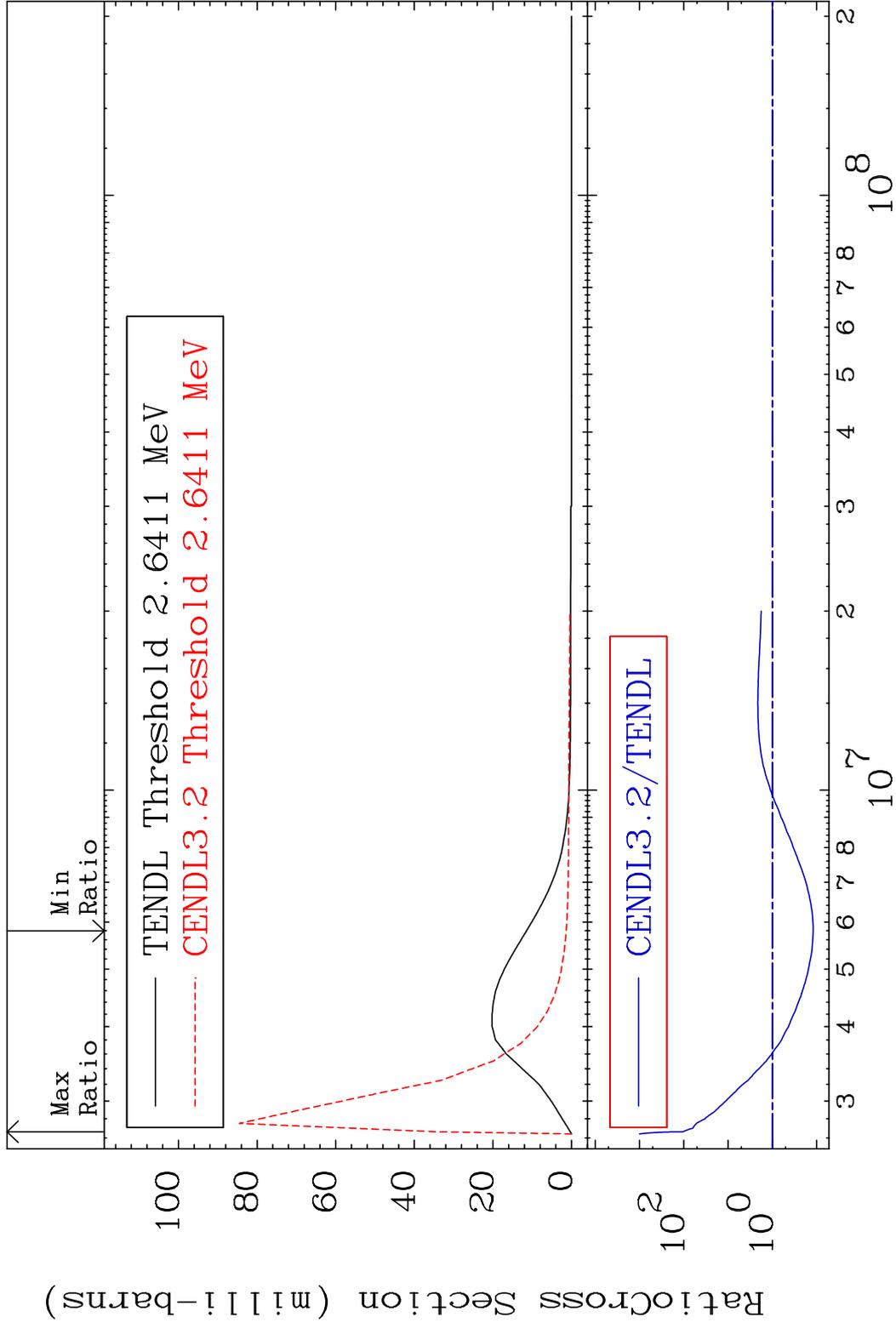
9 Incident Energy (eV) 42-Mo-92

MAT 4225 MT= 54 (n, n') Level 42-Mo-92
 Cross Section -99.35 To -11.86%

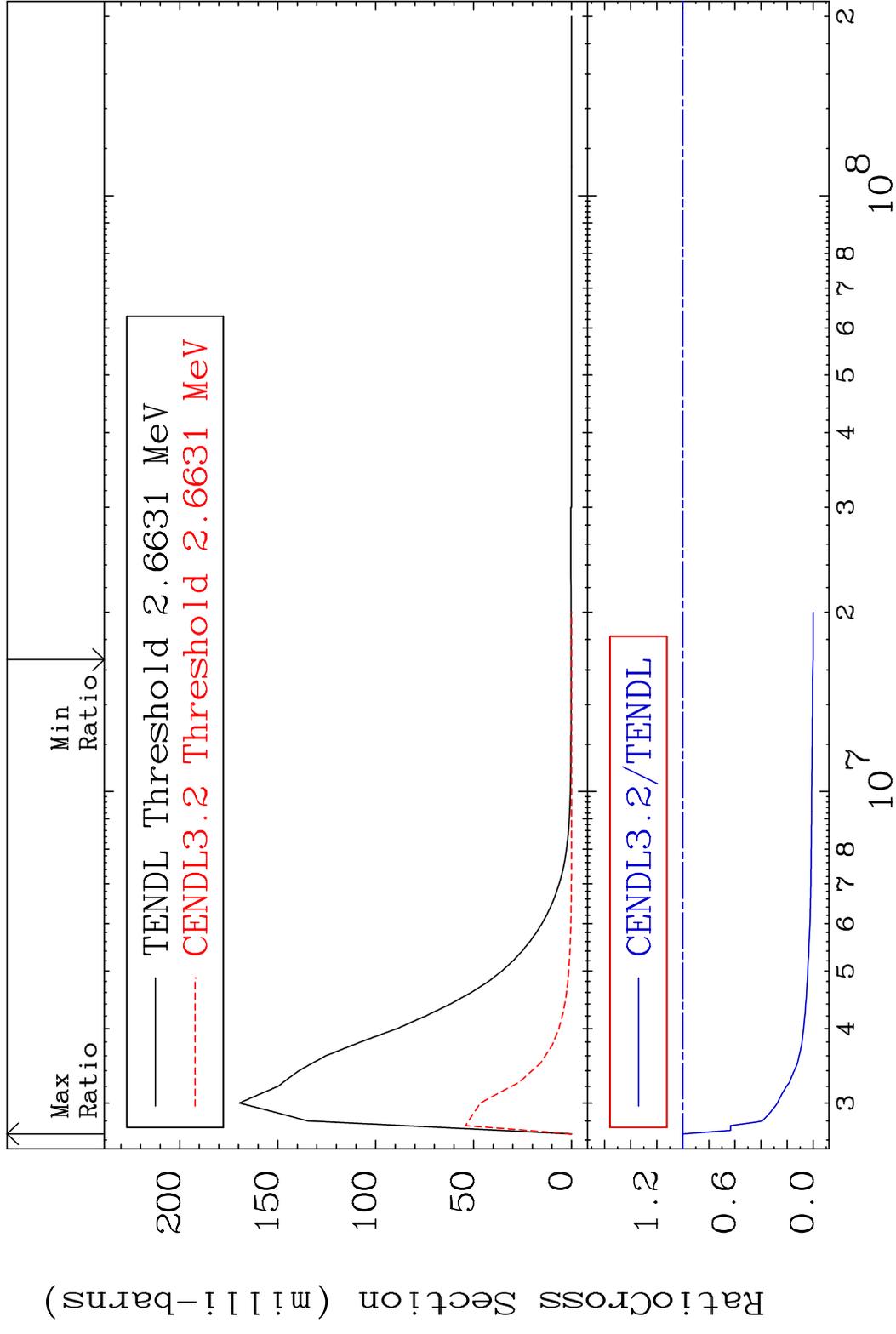


10 10 Incident Energy (eV) 42-Mo-92

MAT 4225 MT= 55 (n,n') Level 42-Mo-92
 Cross Section -88.04 To 9999. %



MAT 4225 MT= 56 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 0.000 %

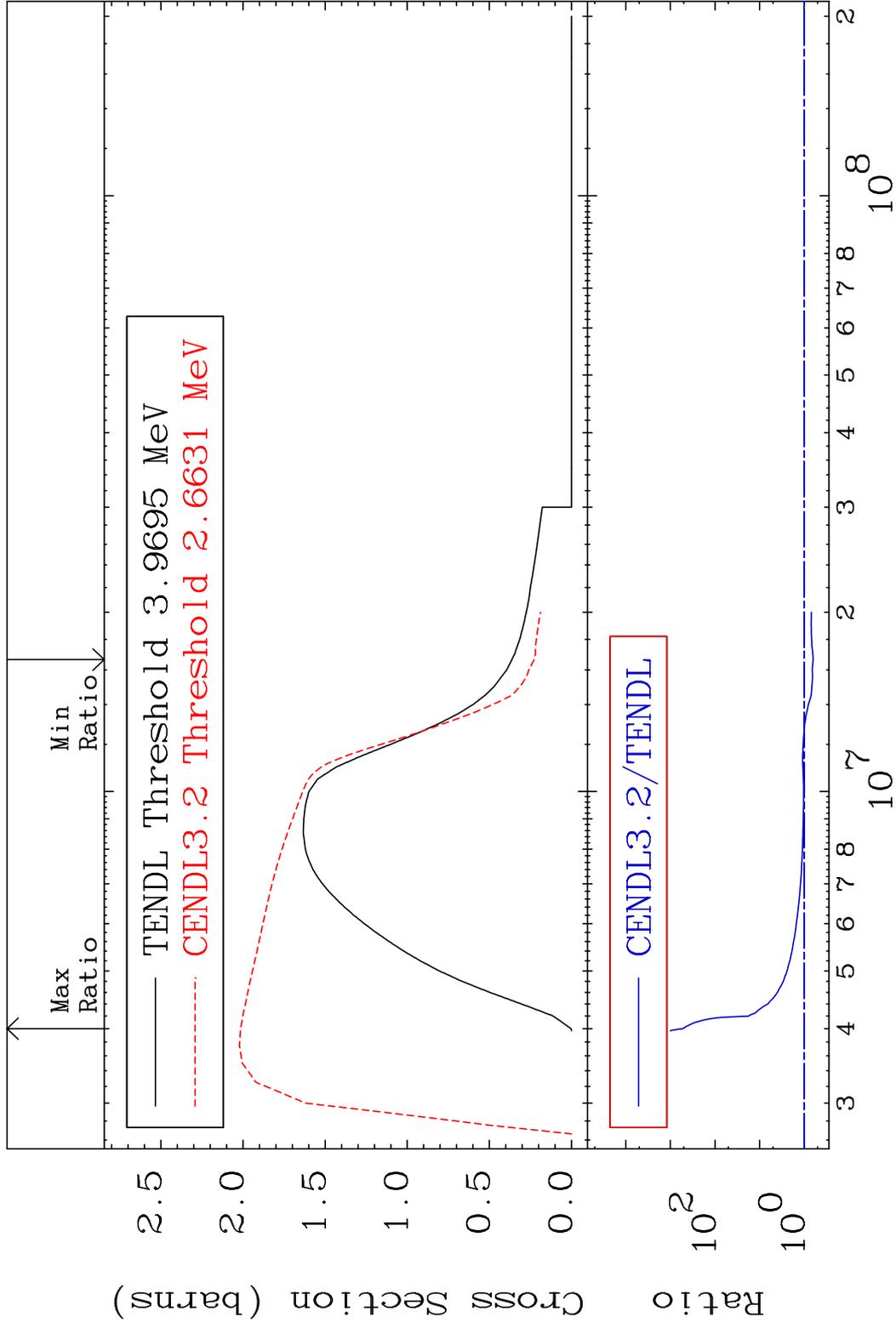


MAT 4225

(n,n') Continuum

42-Mo-92

Cross Section -37.35 To 9999. %

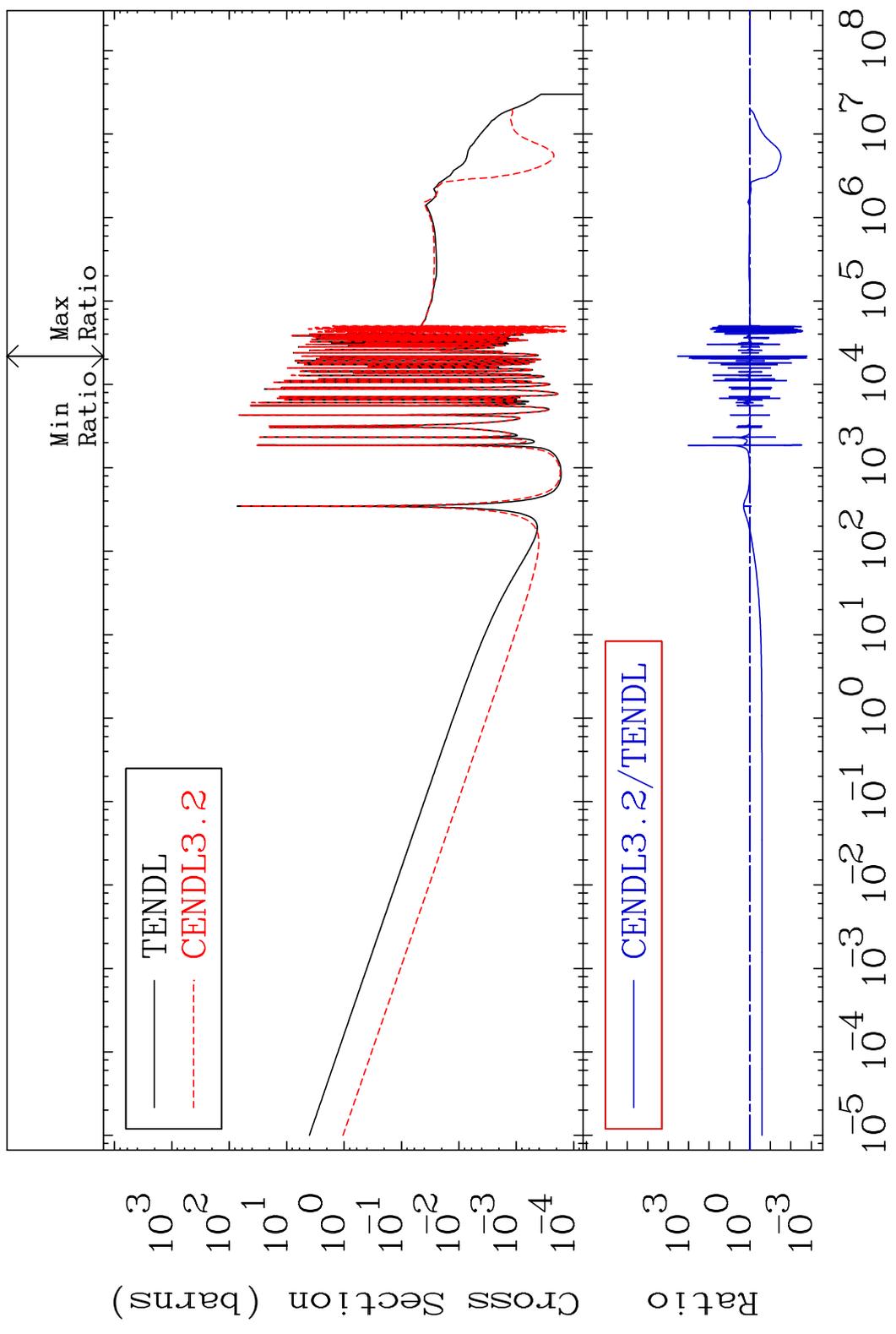


MAT 4225

(n, γ)

42-Mo-92

Cross Section -99.84 To 9999. %

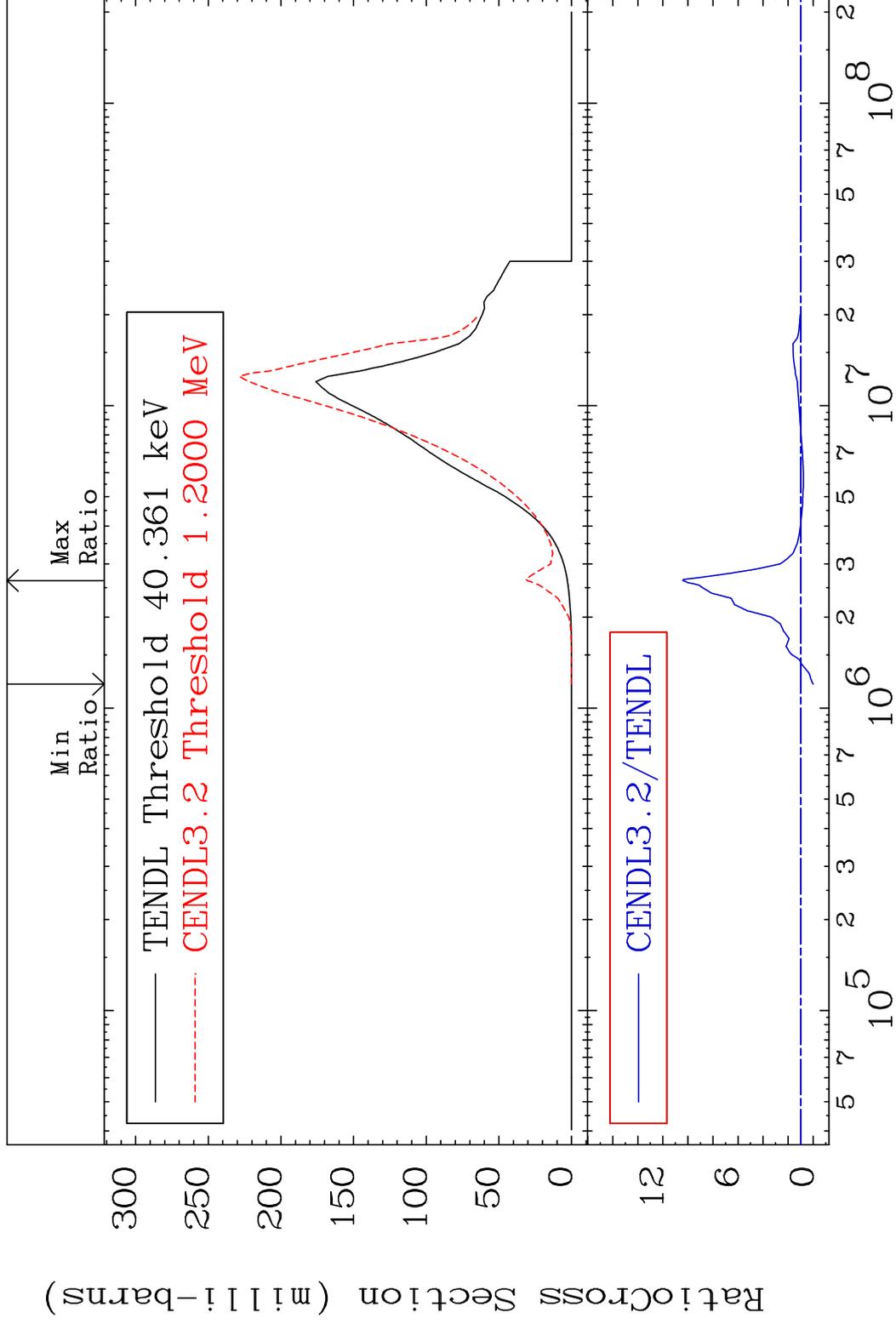


MAT 4225

(n, p)

42-Mo-92

Cross Section -100.0 To 940.4 %

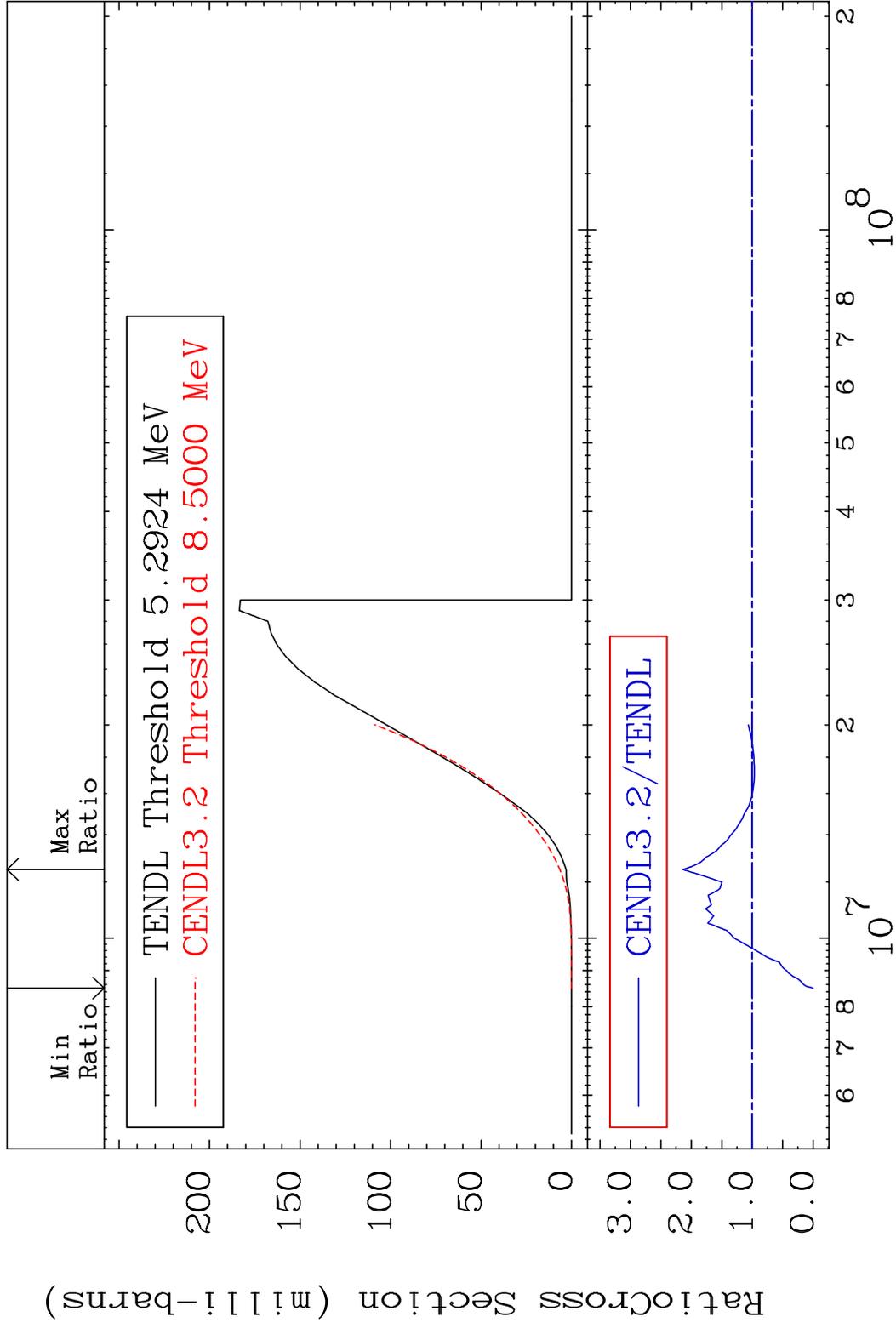


15

Incident Energy (eV)

42-Mo-92

MAT 4225 (n,d) 42-Mo-92
 Cross Section -100.0 To 114.0 %

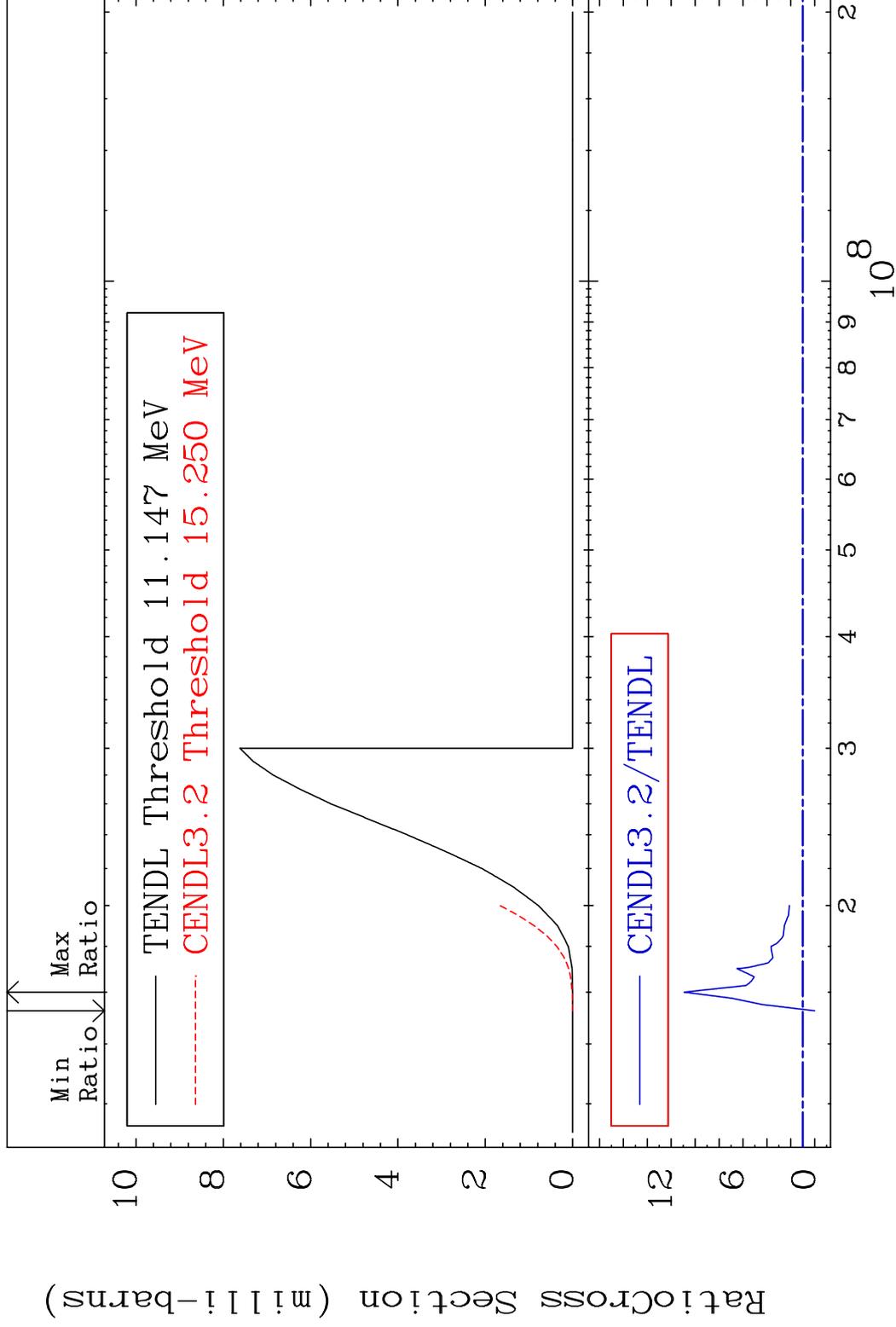


MAT 4225

(n, t)

42-Mo-92

Cross Section -100.0 To 992.1 %



17

Incident Energy (eV)

42-Mo-92

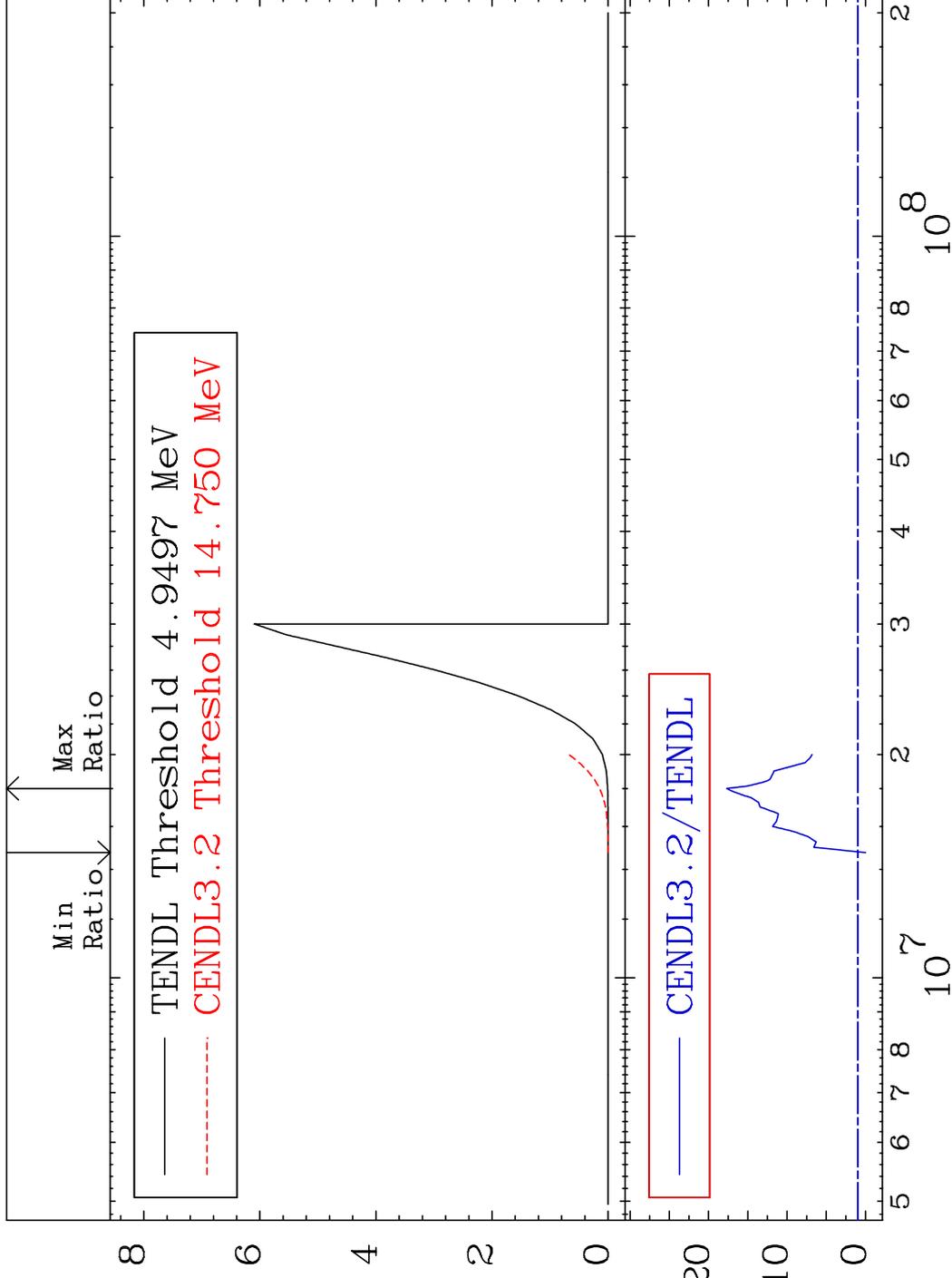
MAT 4225

(n, He-3)

42-Mo-92

Cross Section -100.0 To 1669. %

RatioCross Section (milli-barns)



18

Incident Energy (eV)

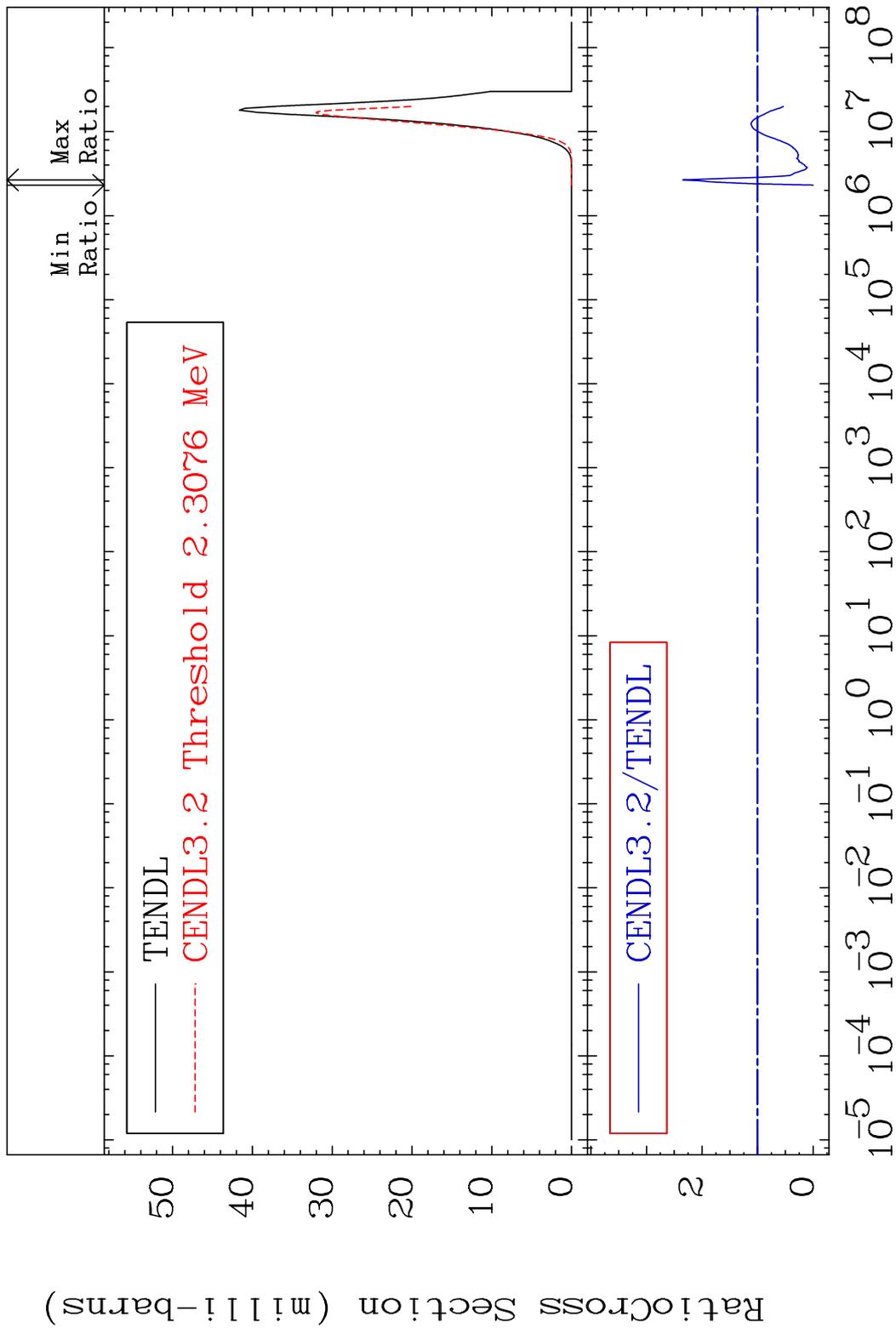
42-Mo-92

MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 134.5 %



19

Incident Energy (eV)

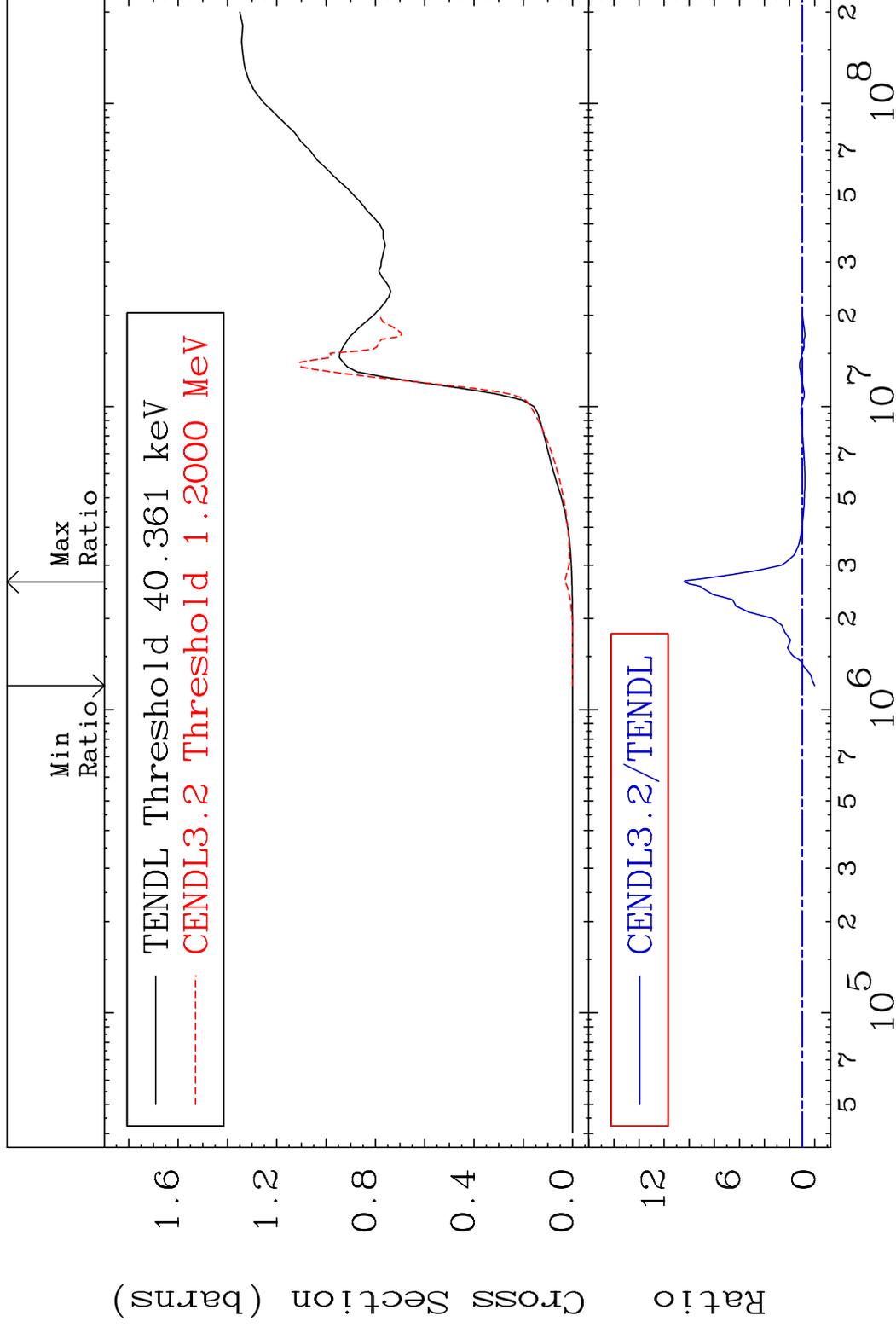
42-Mo-92

MAT 4225

Hydrogen Production

42-Mo-92

Cross Section -100.0 To 940.4 %

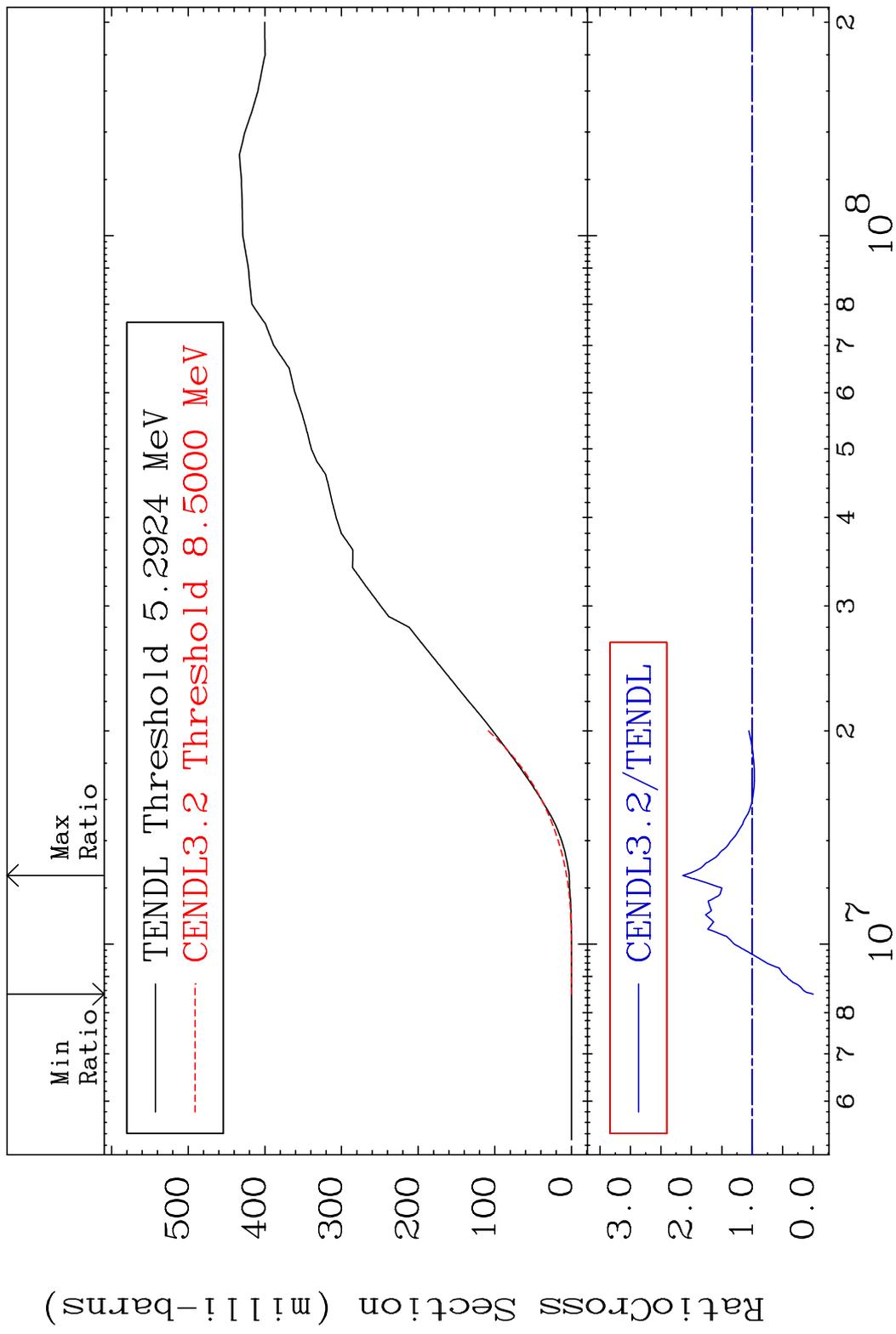


20

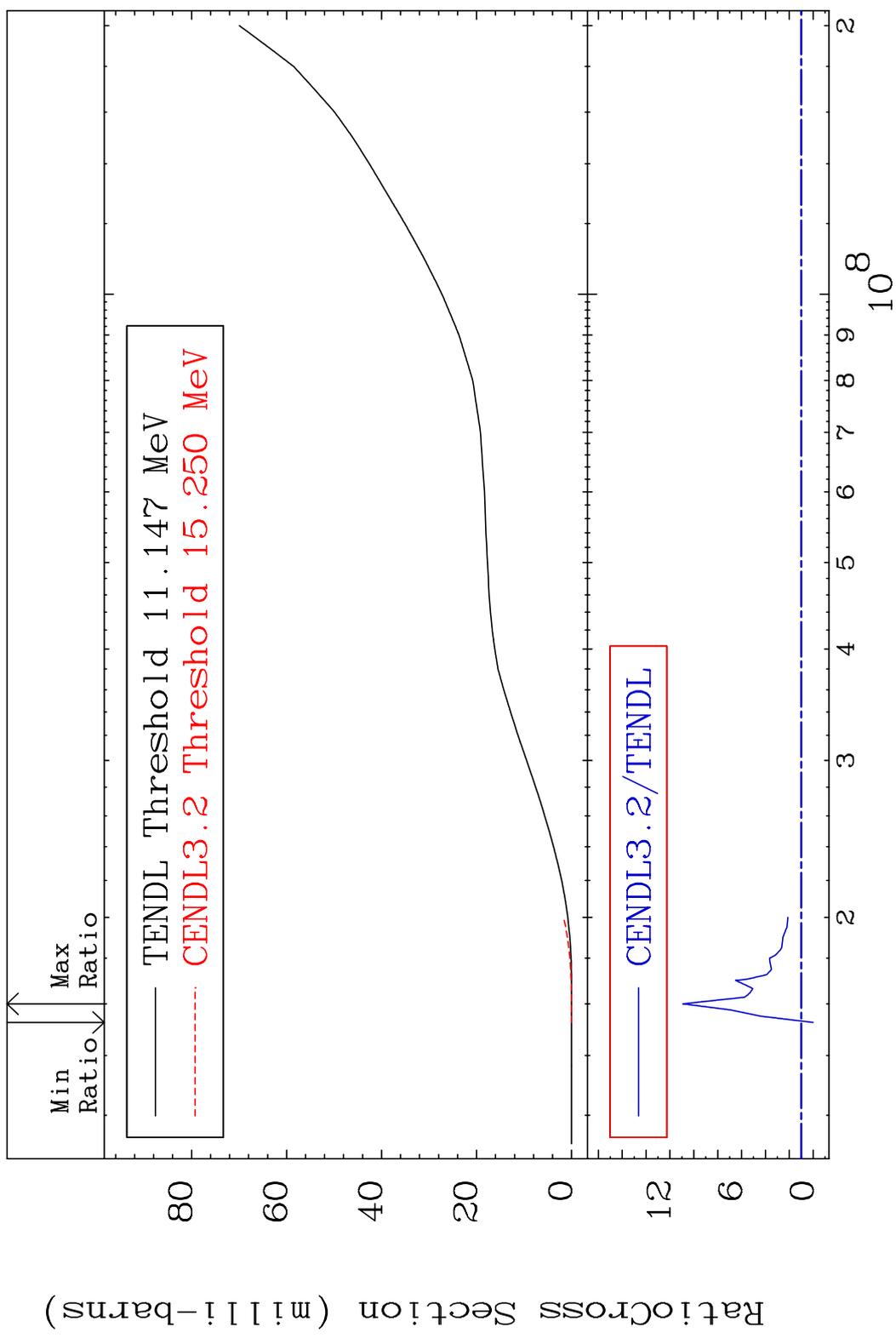
Incident Energy (eV)

42-Mo-92

MAT 4225 Deuterium Production 42-Mo-92
 Cross Section -100.0 To 114.0 %



Cross Section -100.0 To 992.1 %

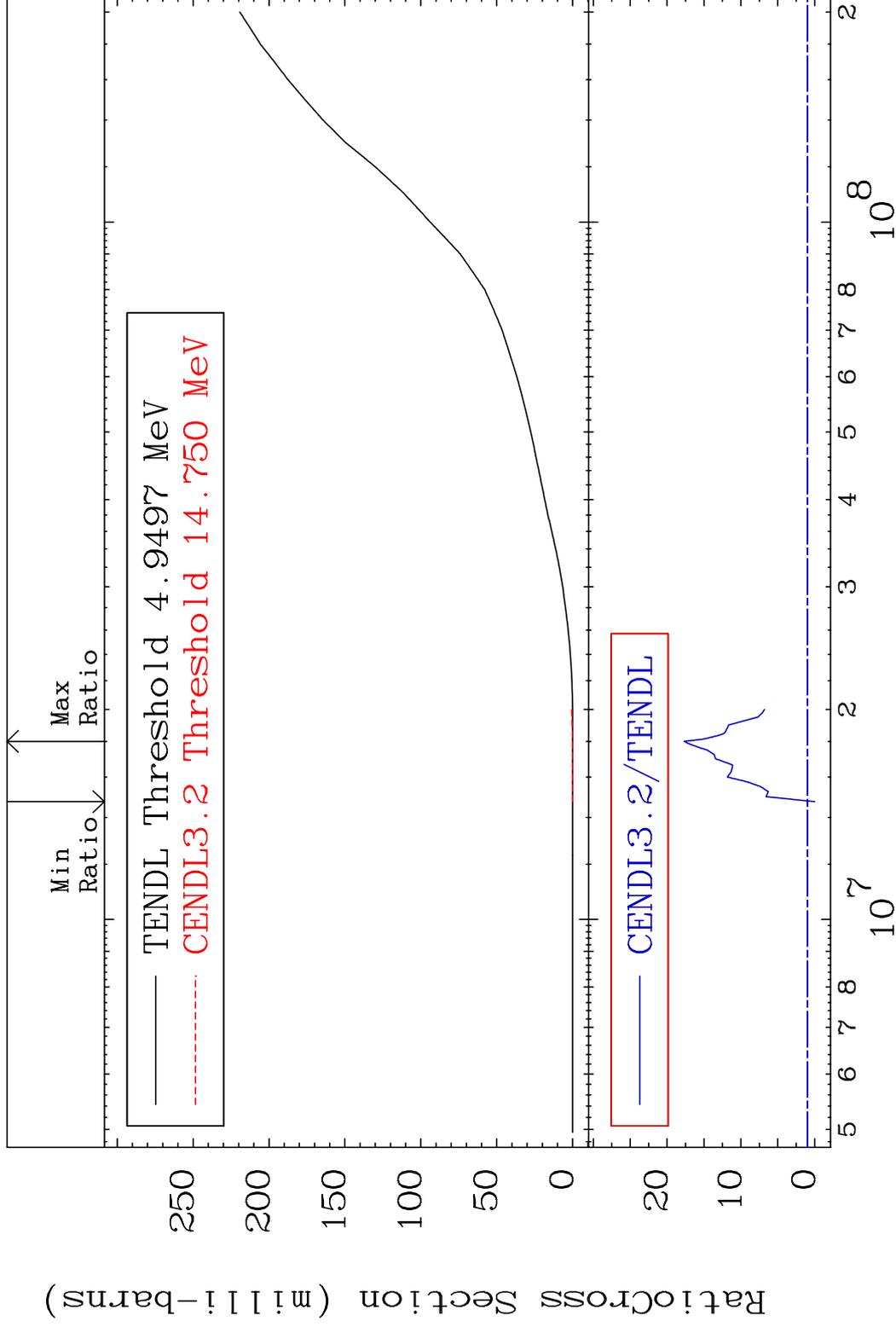


MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 1669. %



23

Incident Energy (eV)

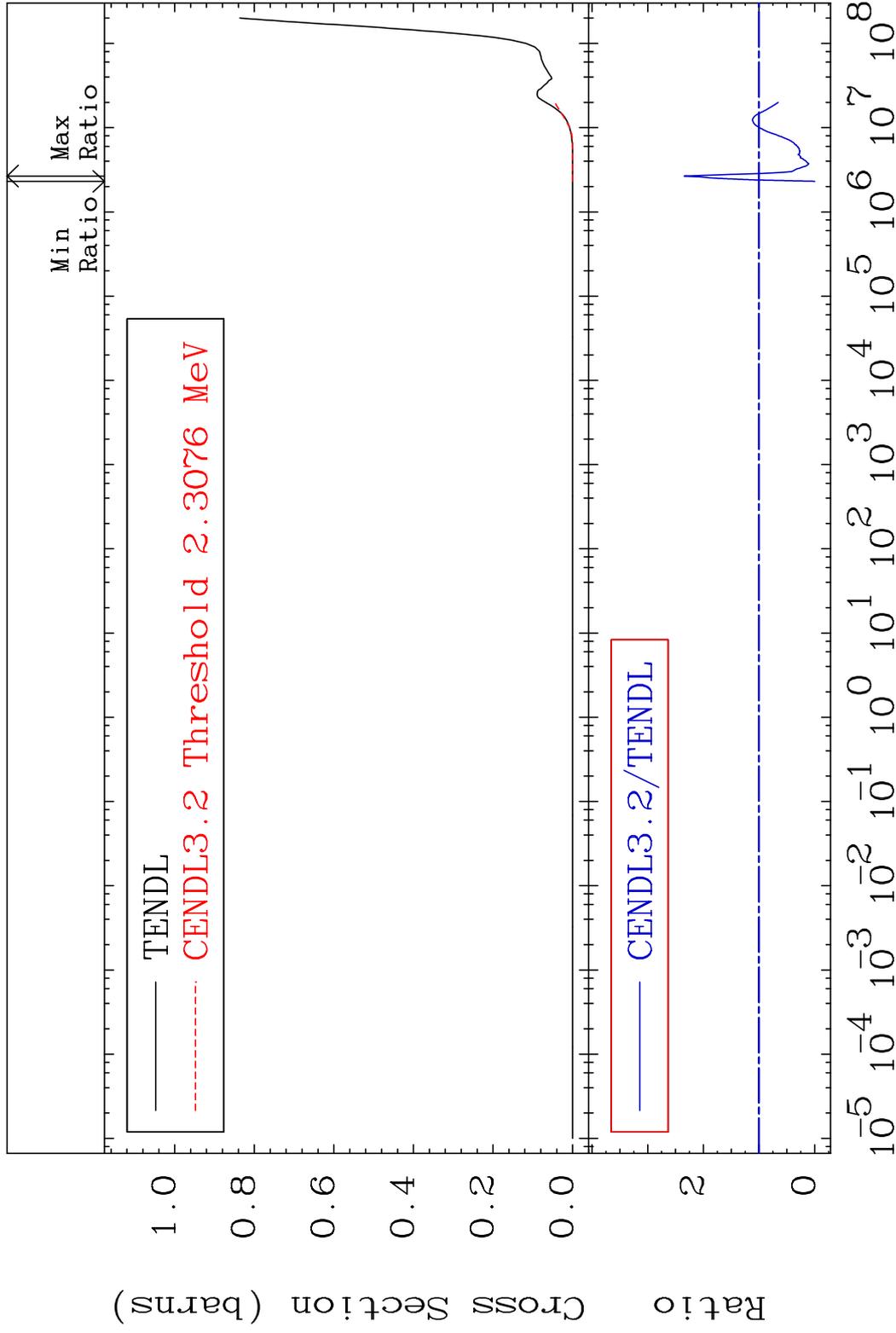
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 134.5 %

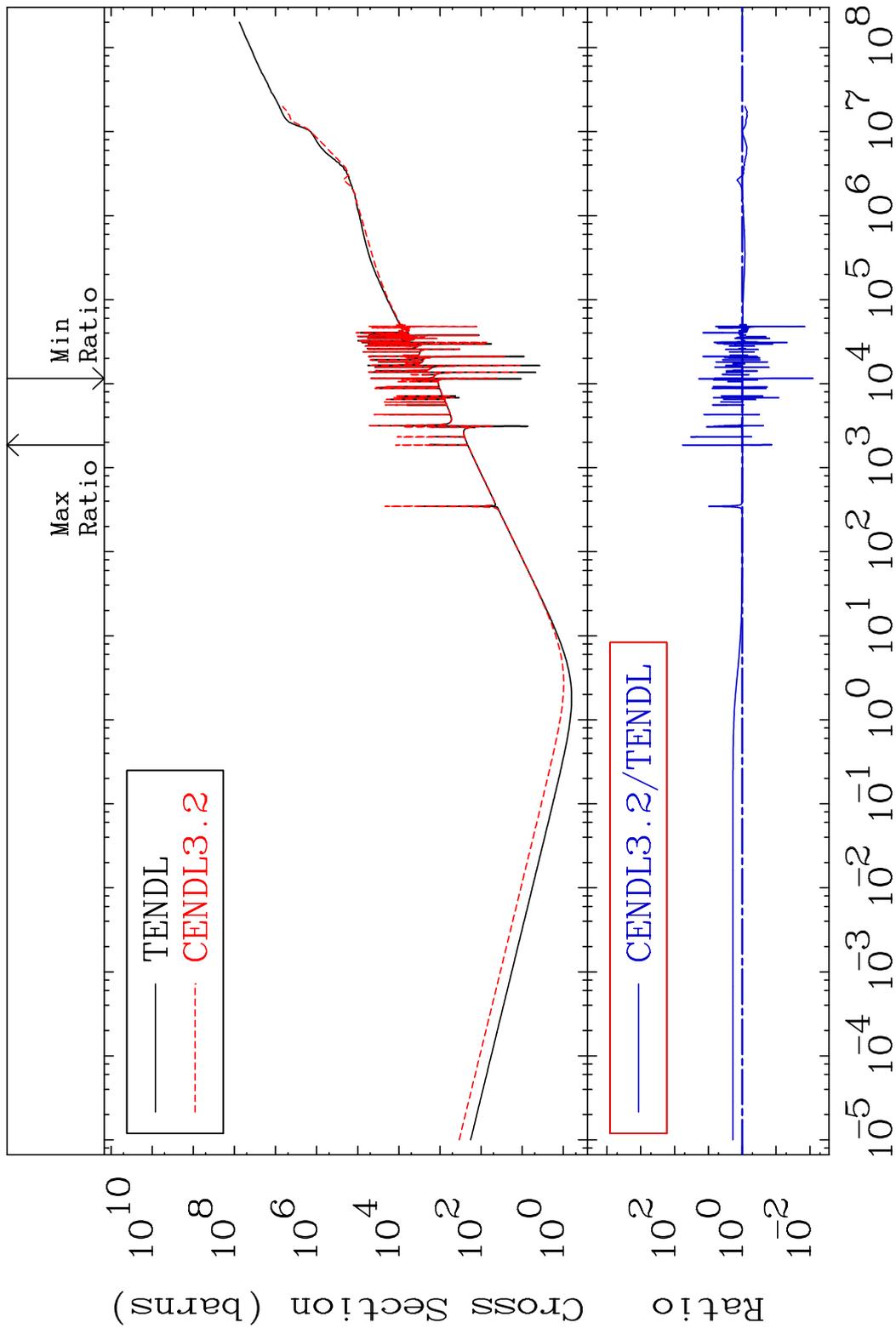


24

Incident Energy (eV)

42-Mo-92

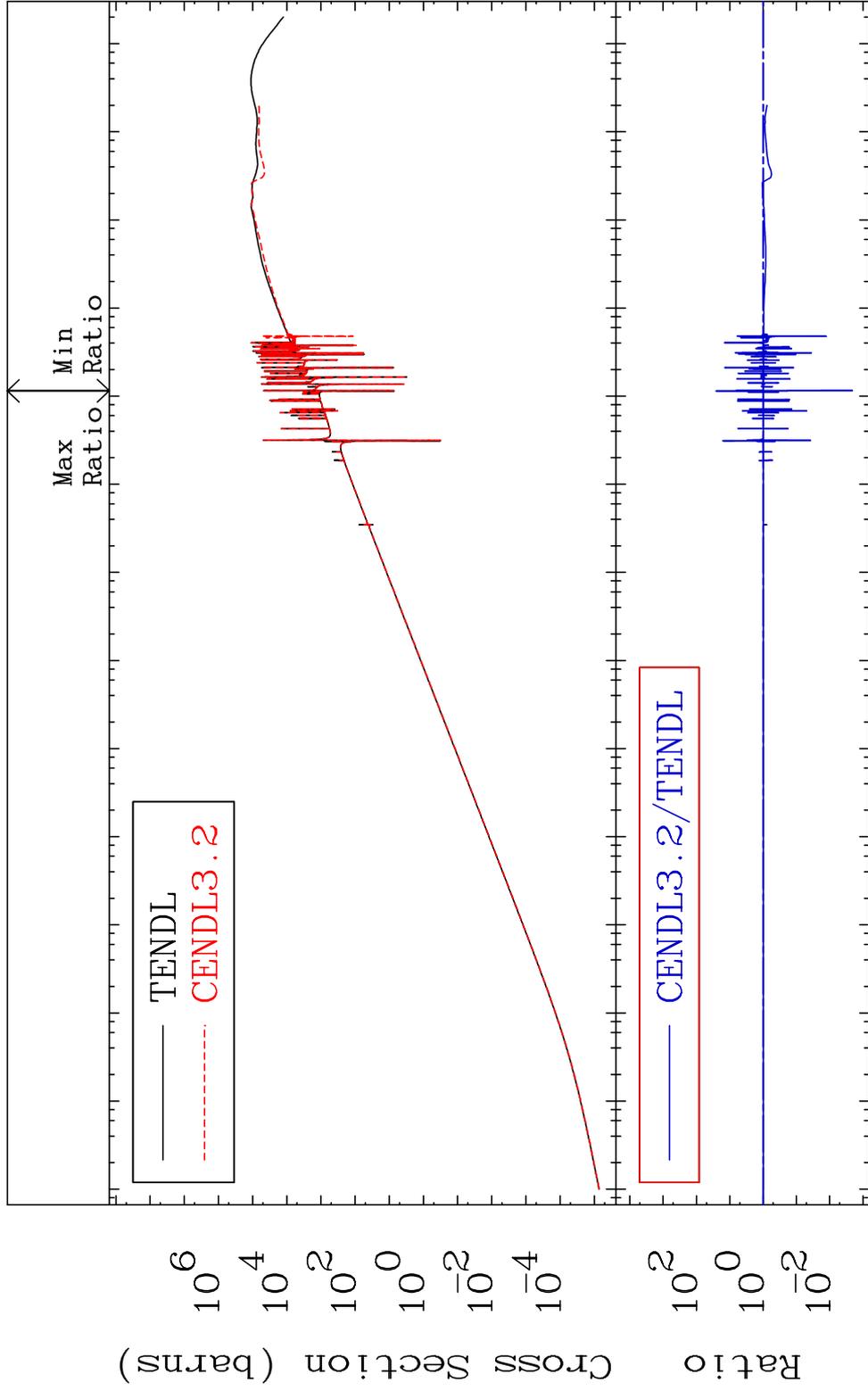
MAT 4225 Kerma total (eV-barns) 42-Mo-92
 Cross Section -99.20 To 5594. %



MAT 4225

Kerma elastic
Cross Section

42-Mo-92
-99.79 To 2510. %

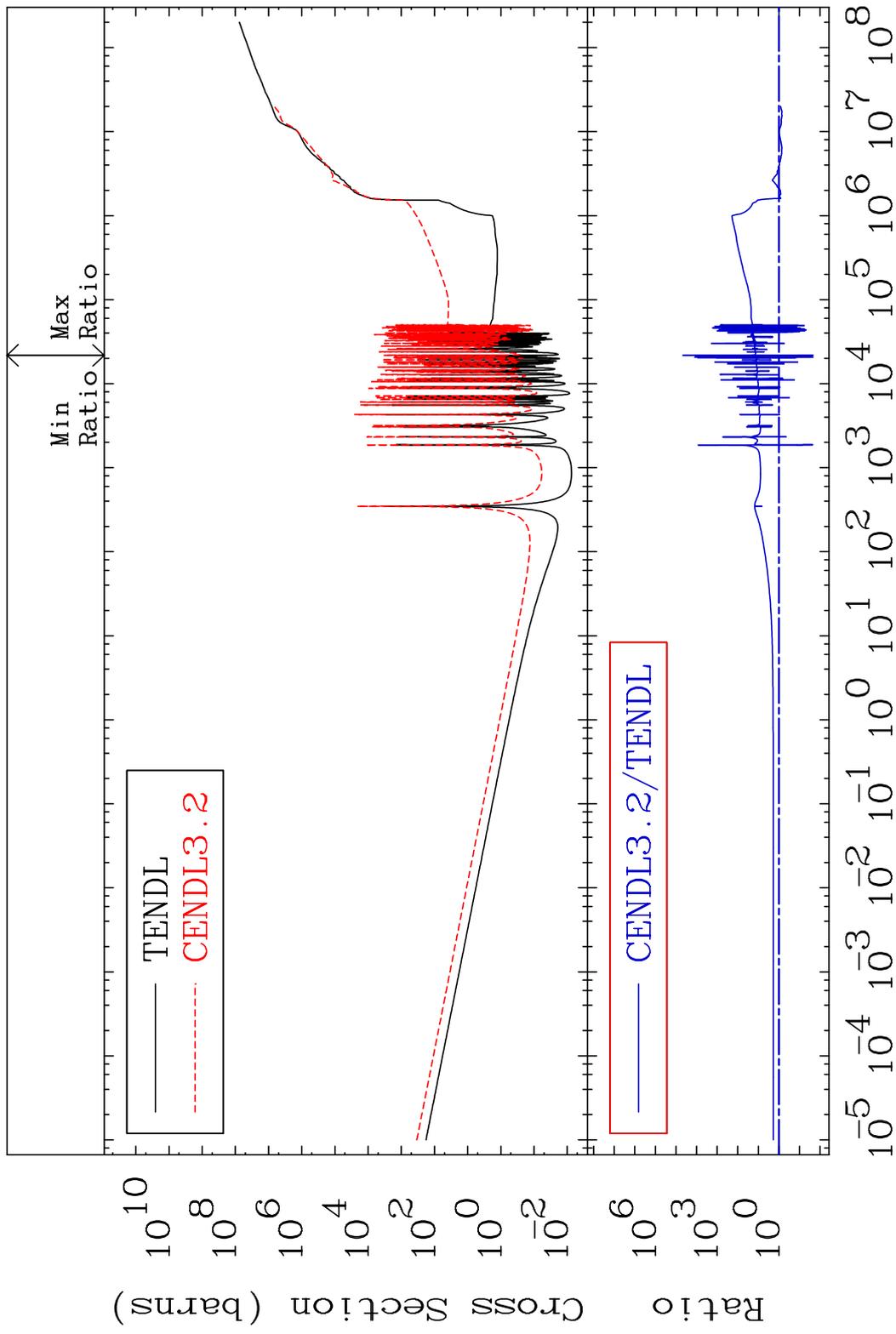


26

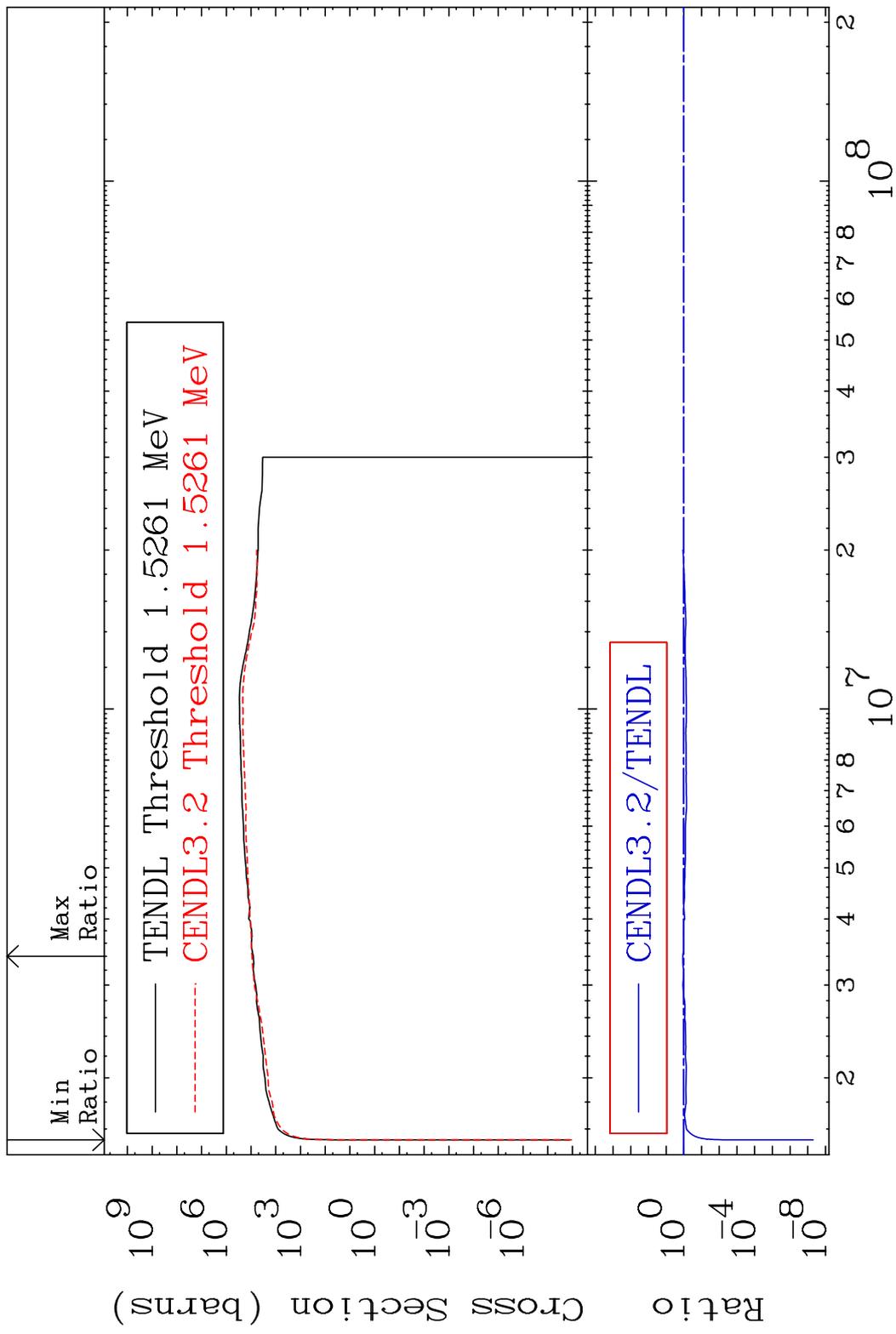
Incident Energy (eV)

42-Mo-92

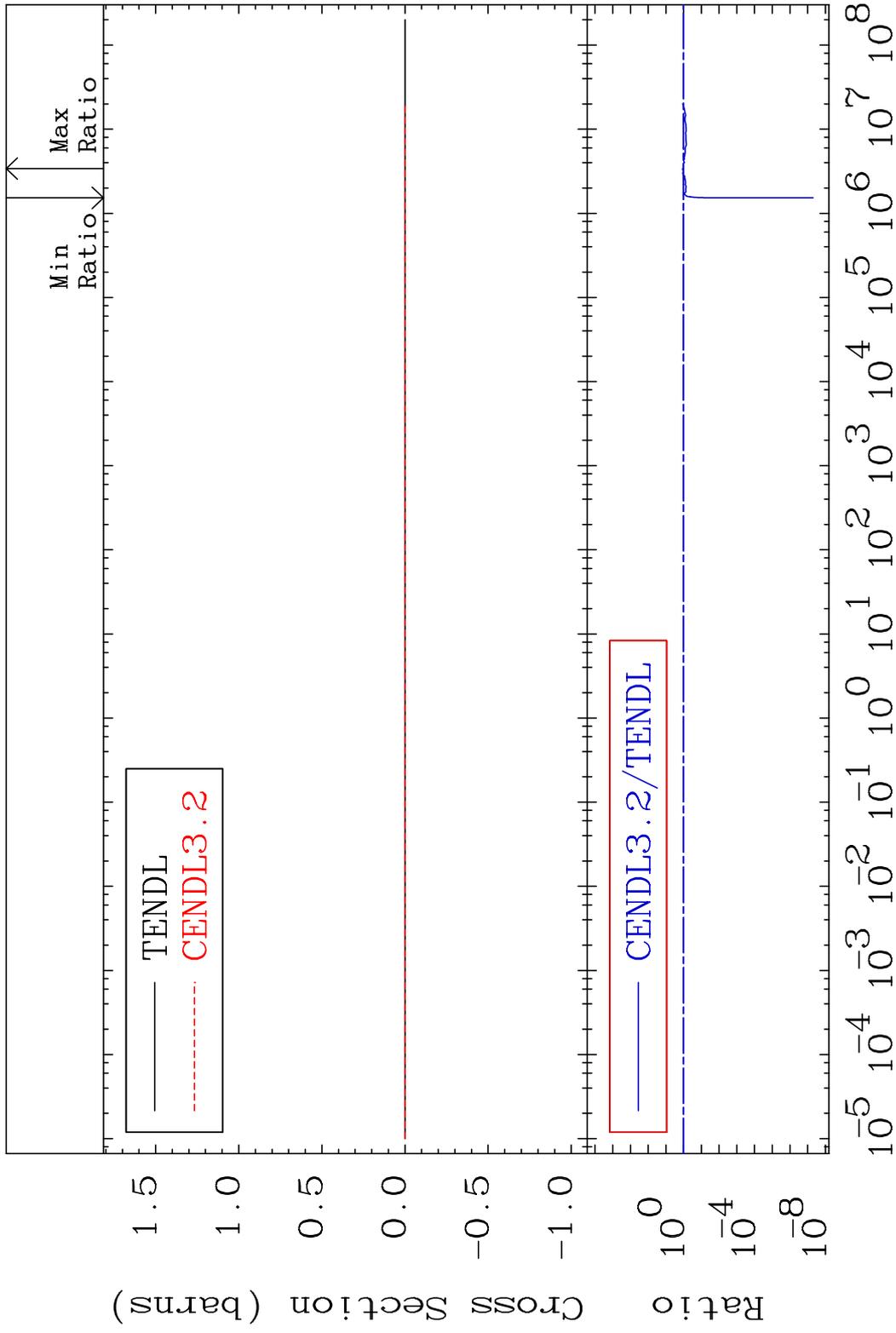
MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -97.81 To 9999. %



MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 13.81 %



MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92
 Cross Section -100.0 To 13.81 %

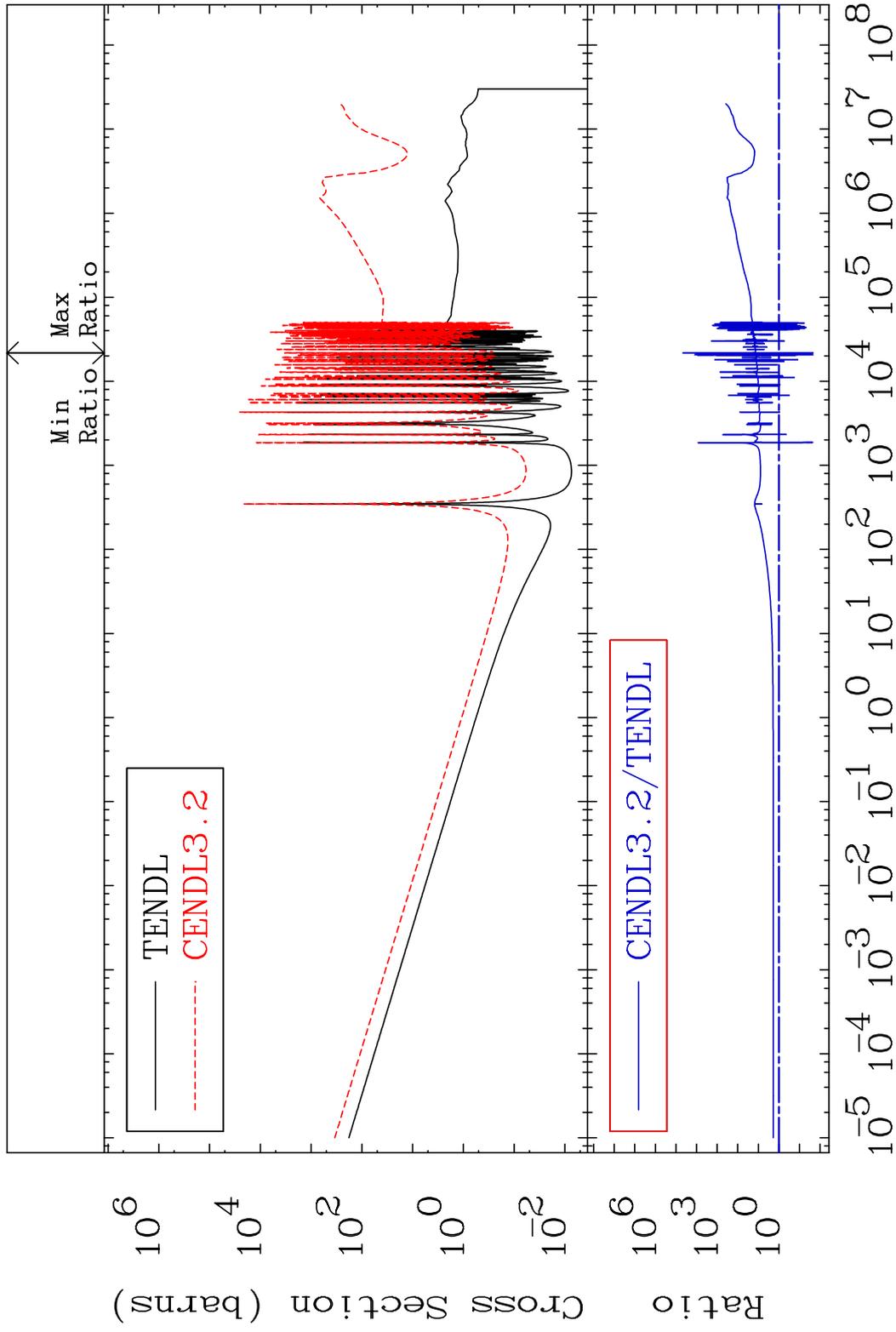


MAT 4225

Kerma capture (mt102)

42-Mo-92

Cross Section -97.81 To 9999. %

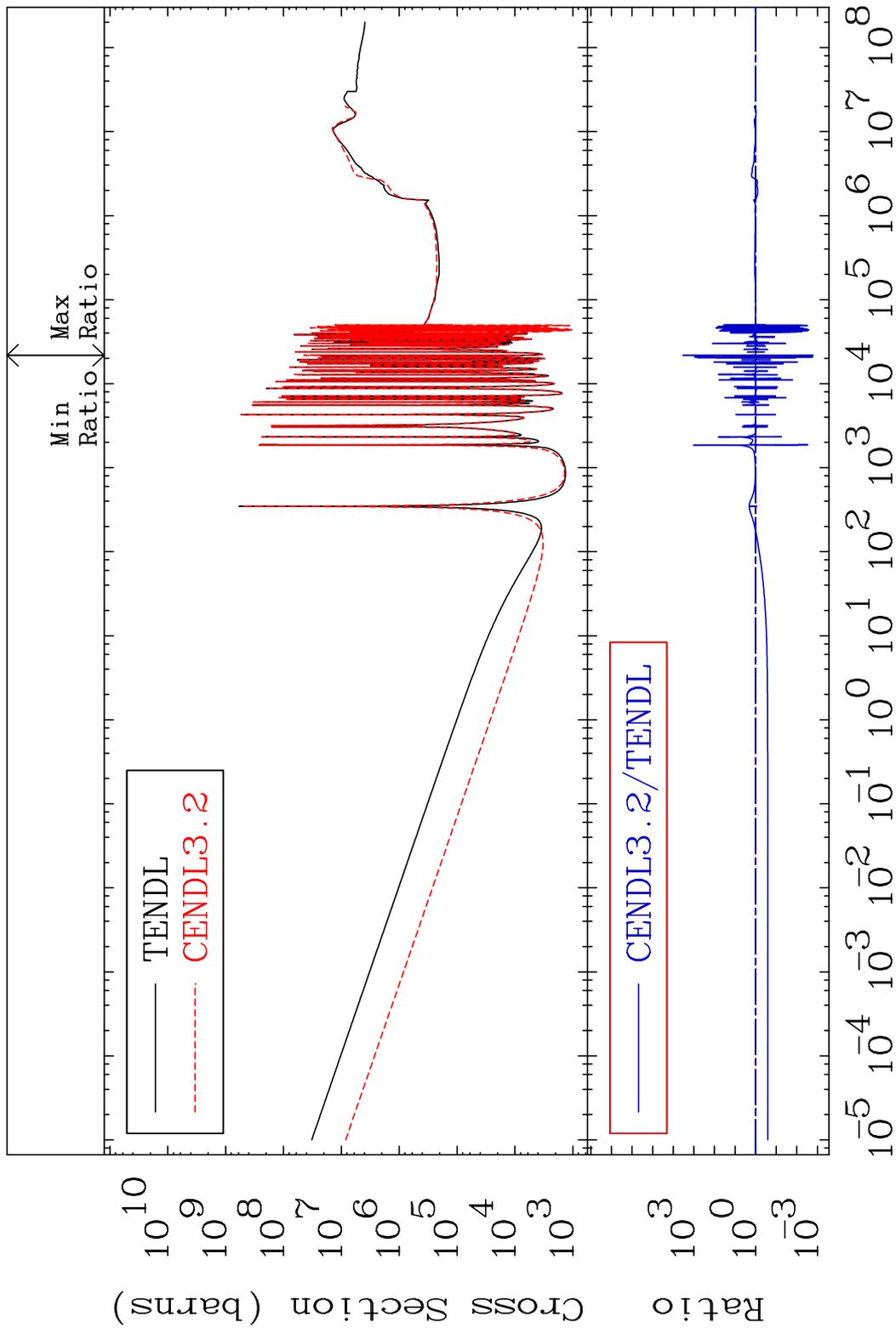


30

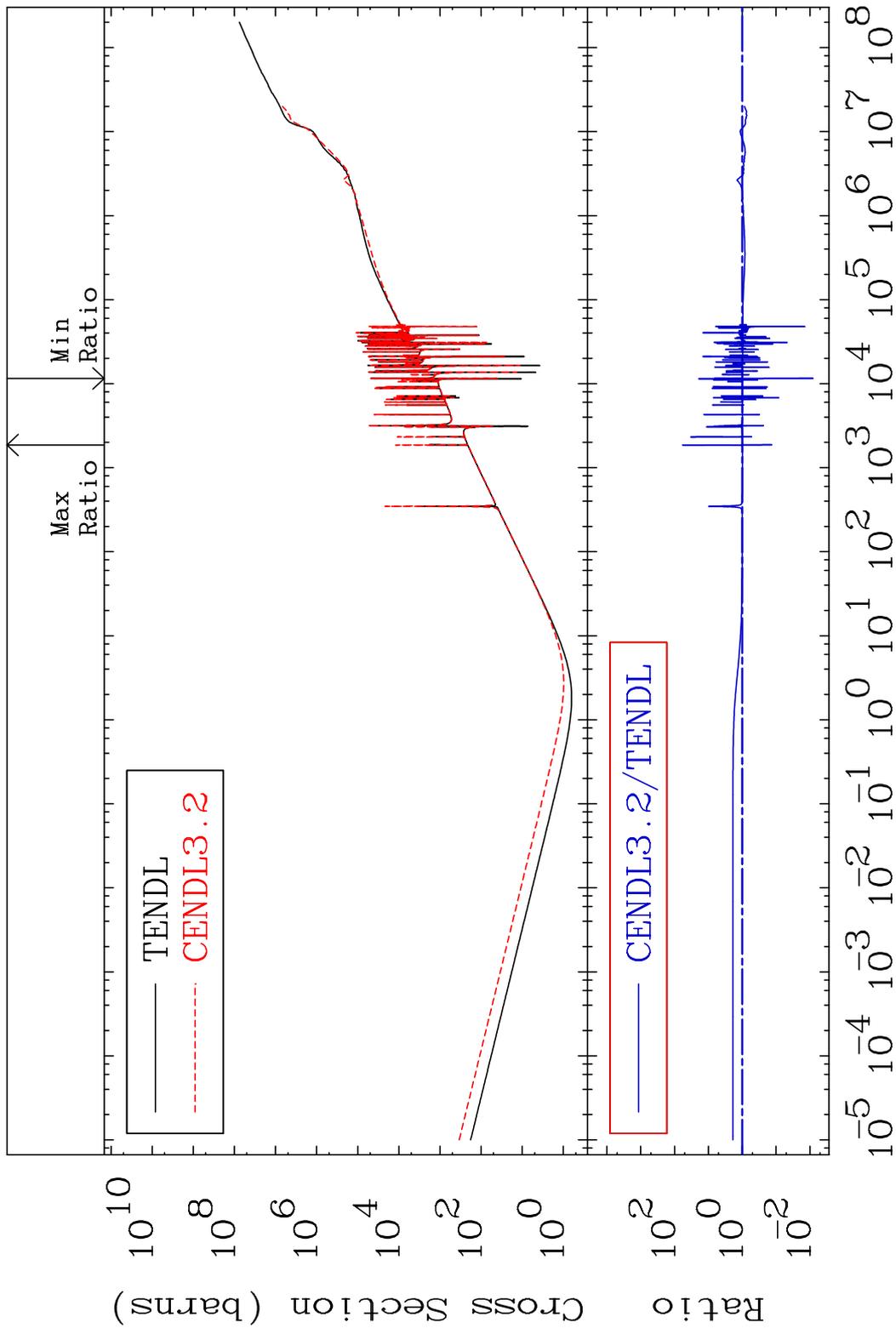
Incident Energy (eV)

42-Mo-92

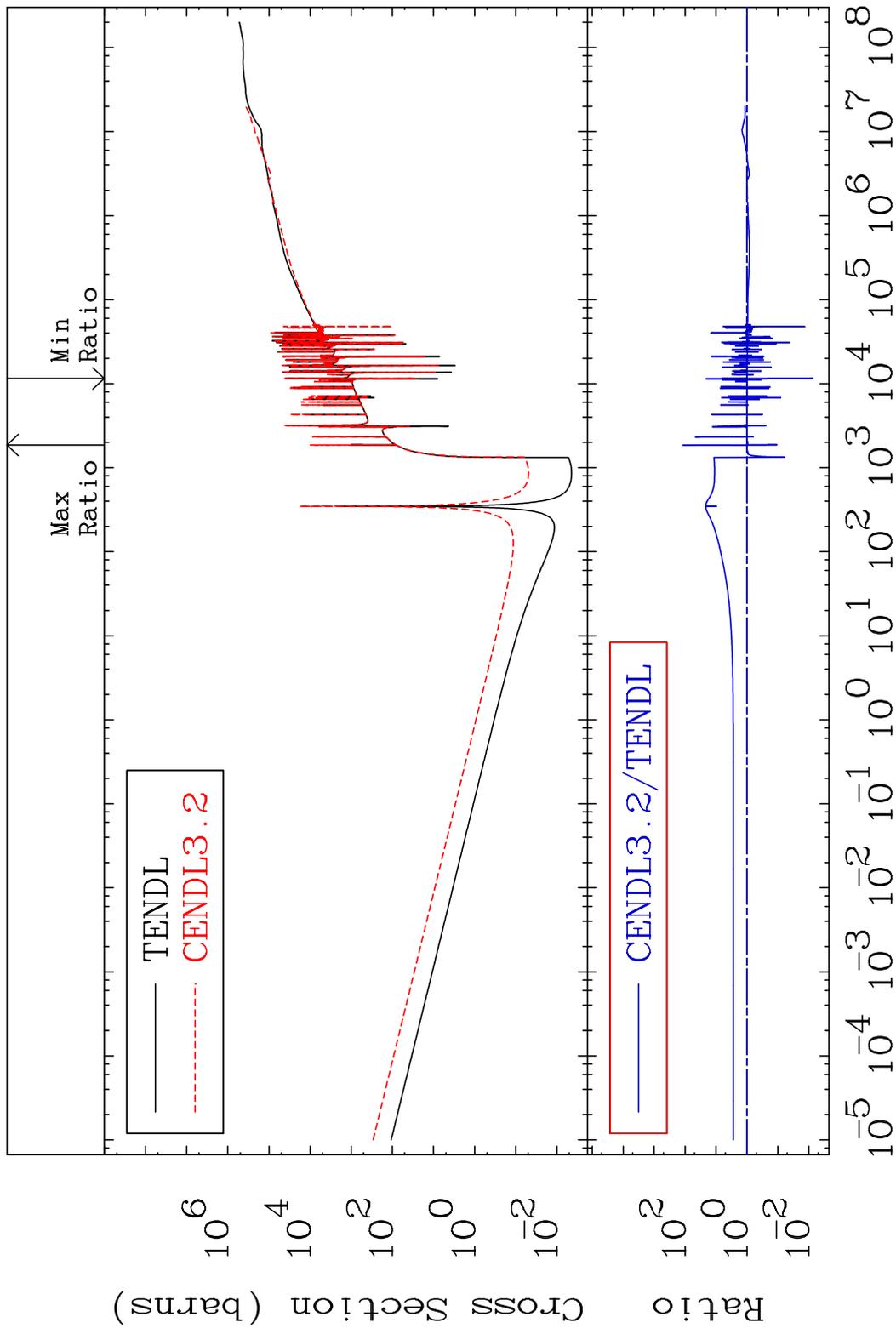
MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -99.84 To 9999. %



MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.20 To 5594. %



MAT 4225 Dpa total (eV-barns) 42-Mo-92
 Cross Section -99.28 To 9999. %

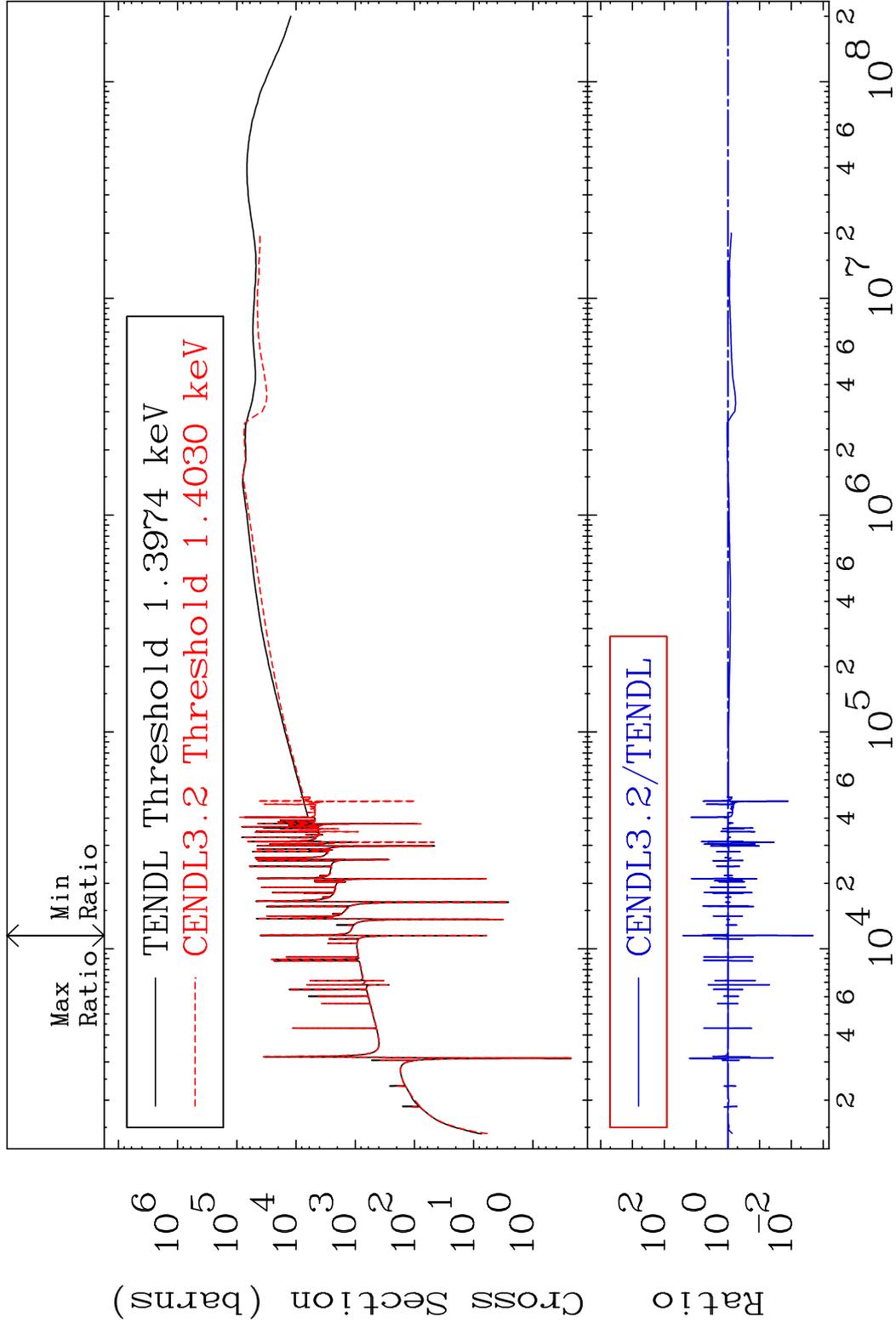


MAT 4225

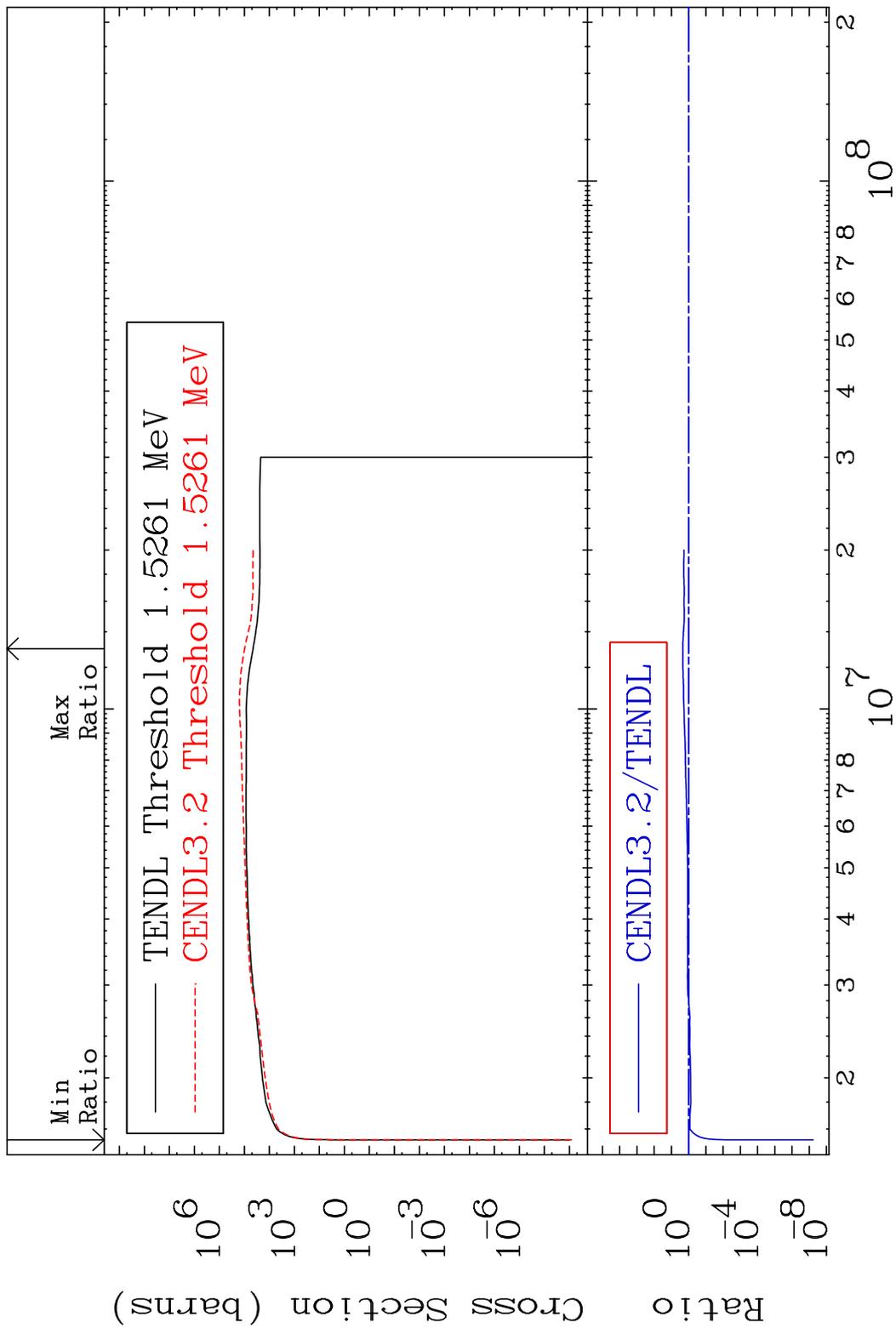
Dpa elastic (mt2)

42-Mo-92

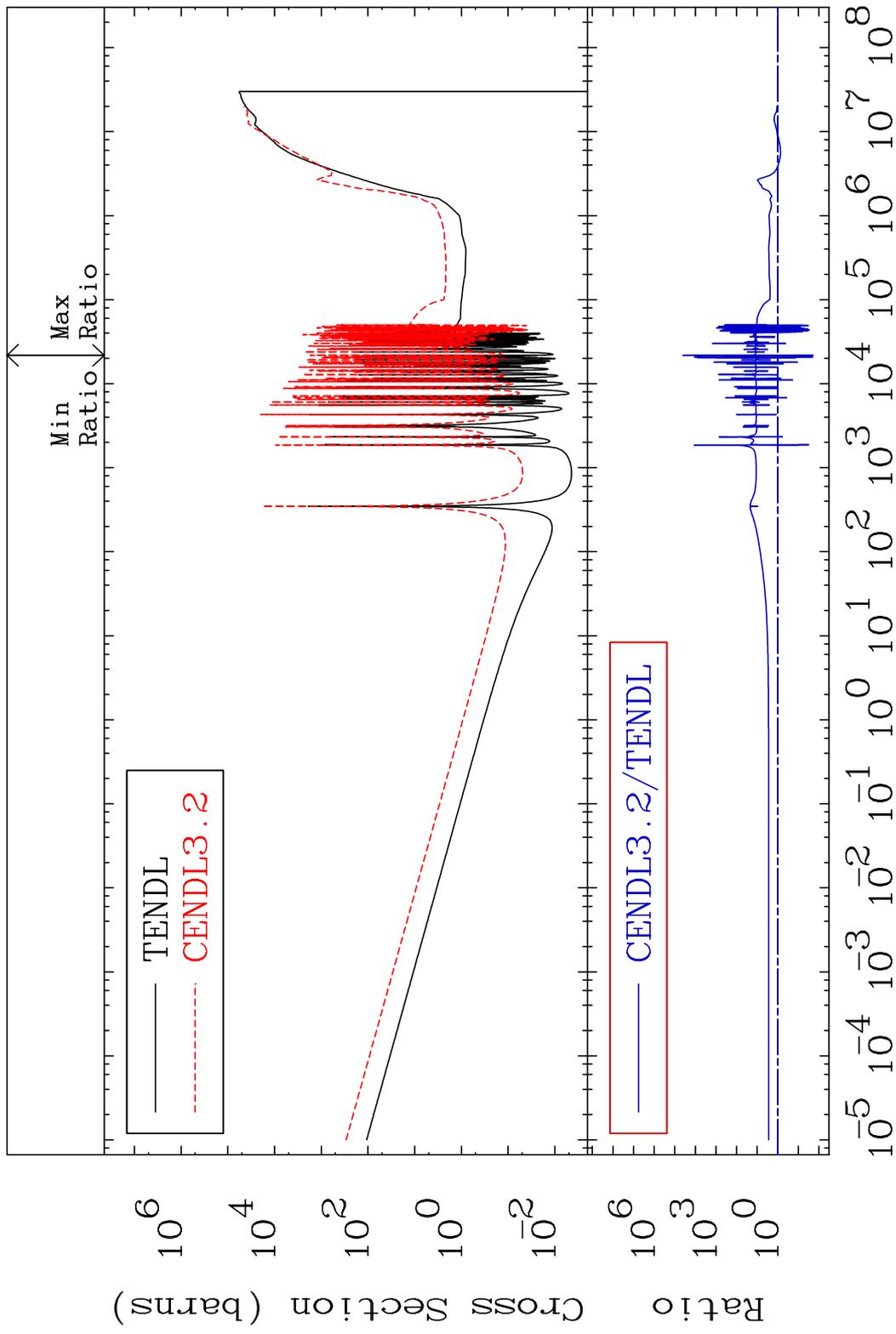
Cross Section -99.79 To 2512. %



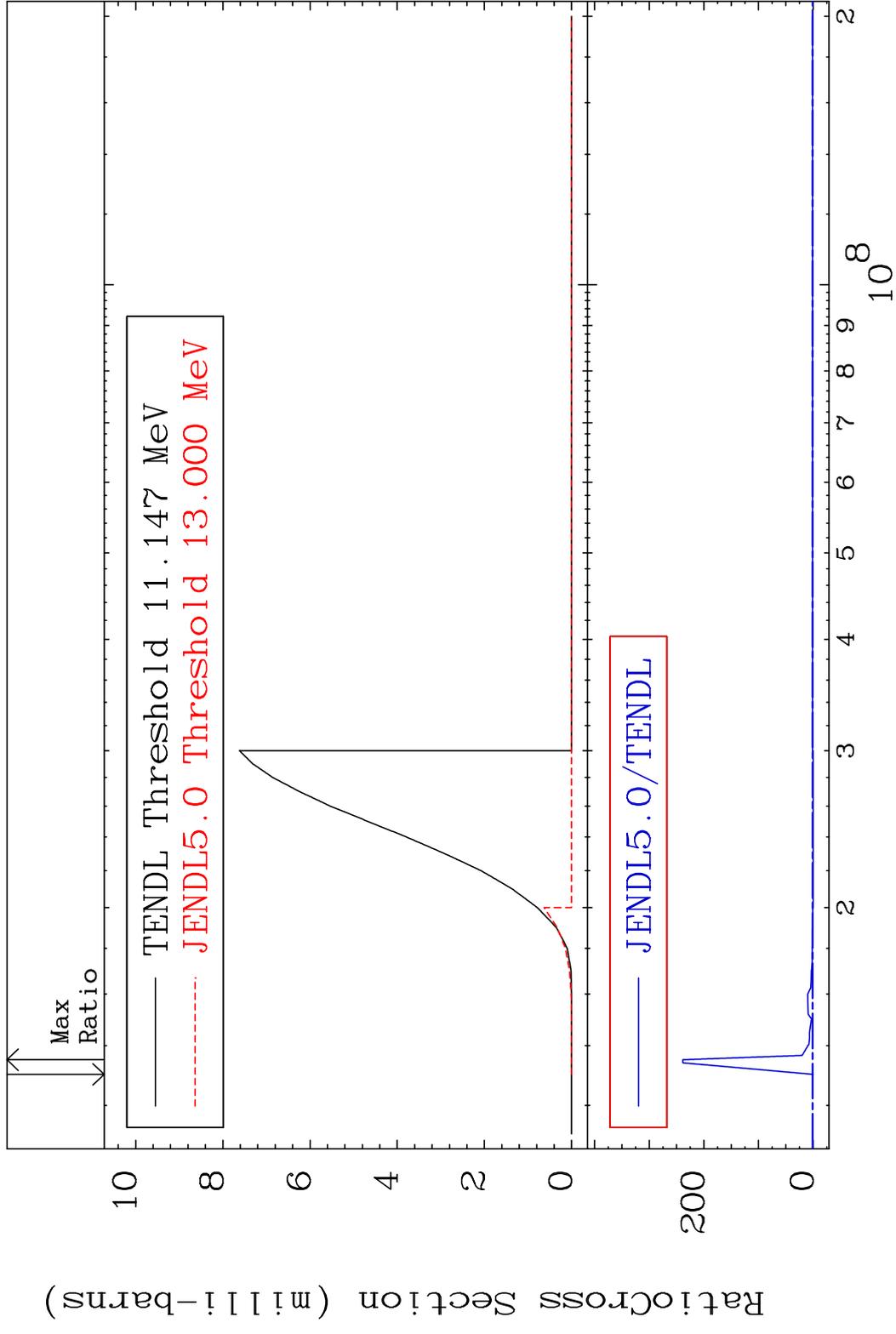
MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 117.3 %



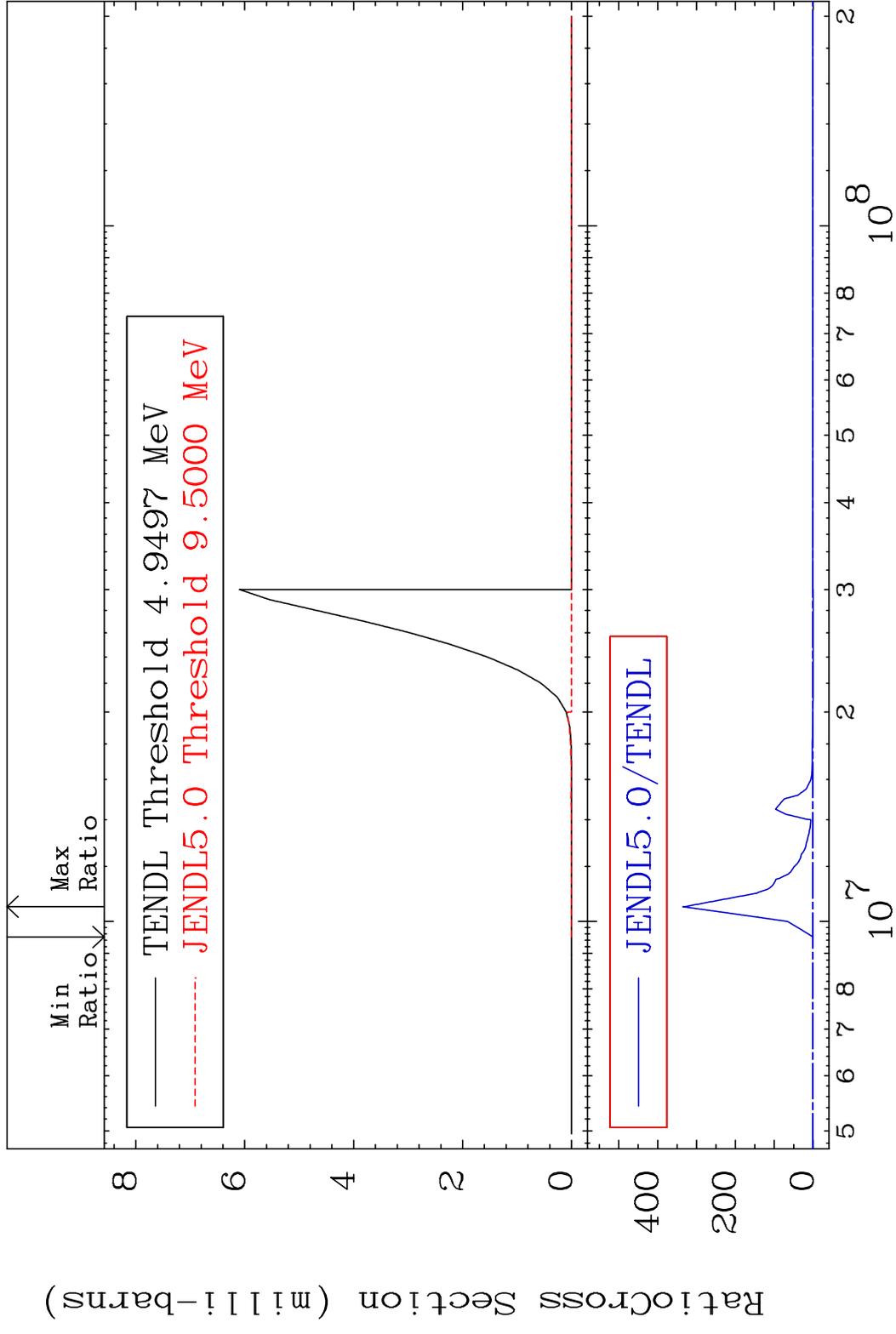
MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -98.10 To 9999. %



MAT 4225 (n, t) 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225 (n, He-3) 42-Mo-92
 Cross Section -100.0 To 9999. %

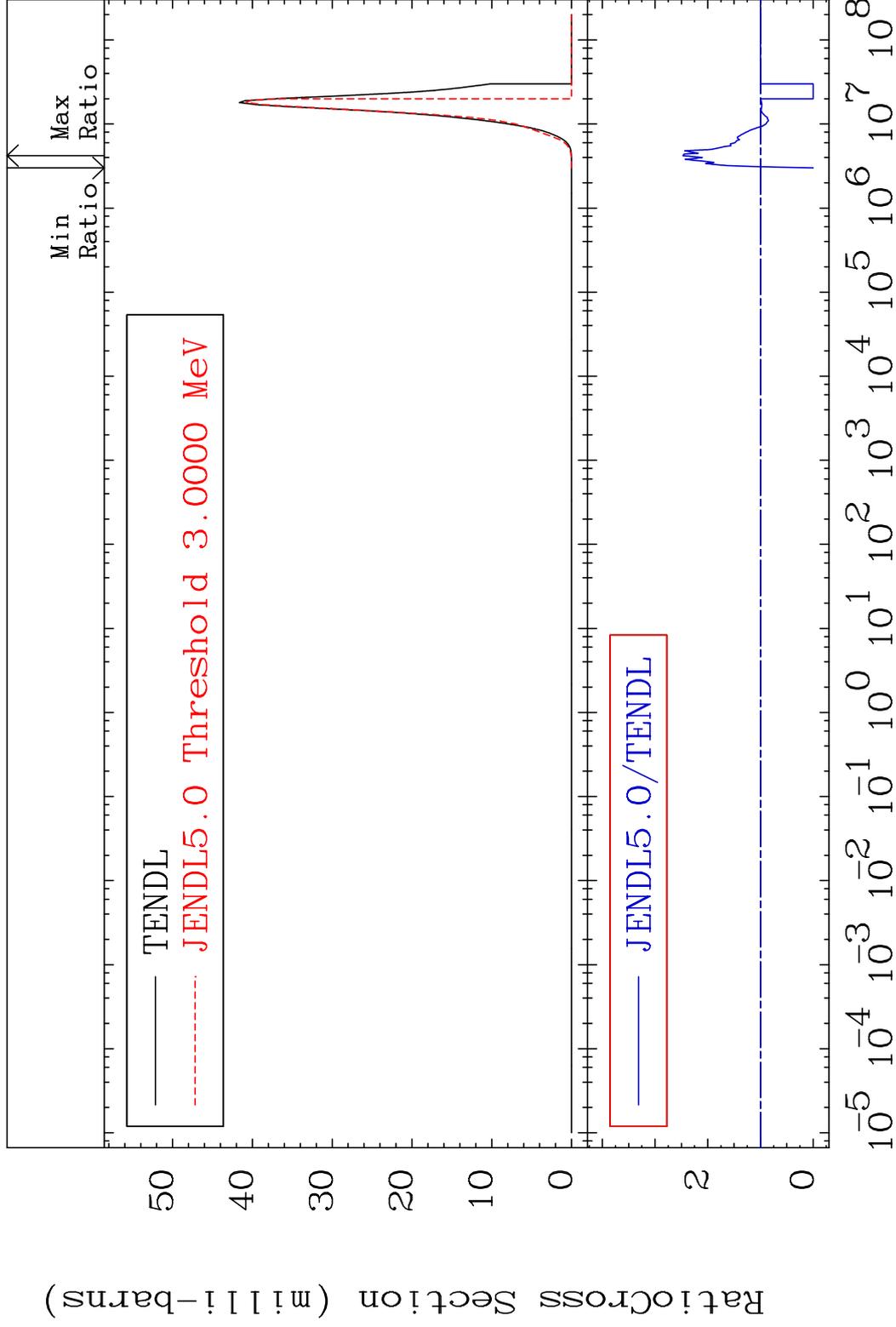


MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 147.3 %

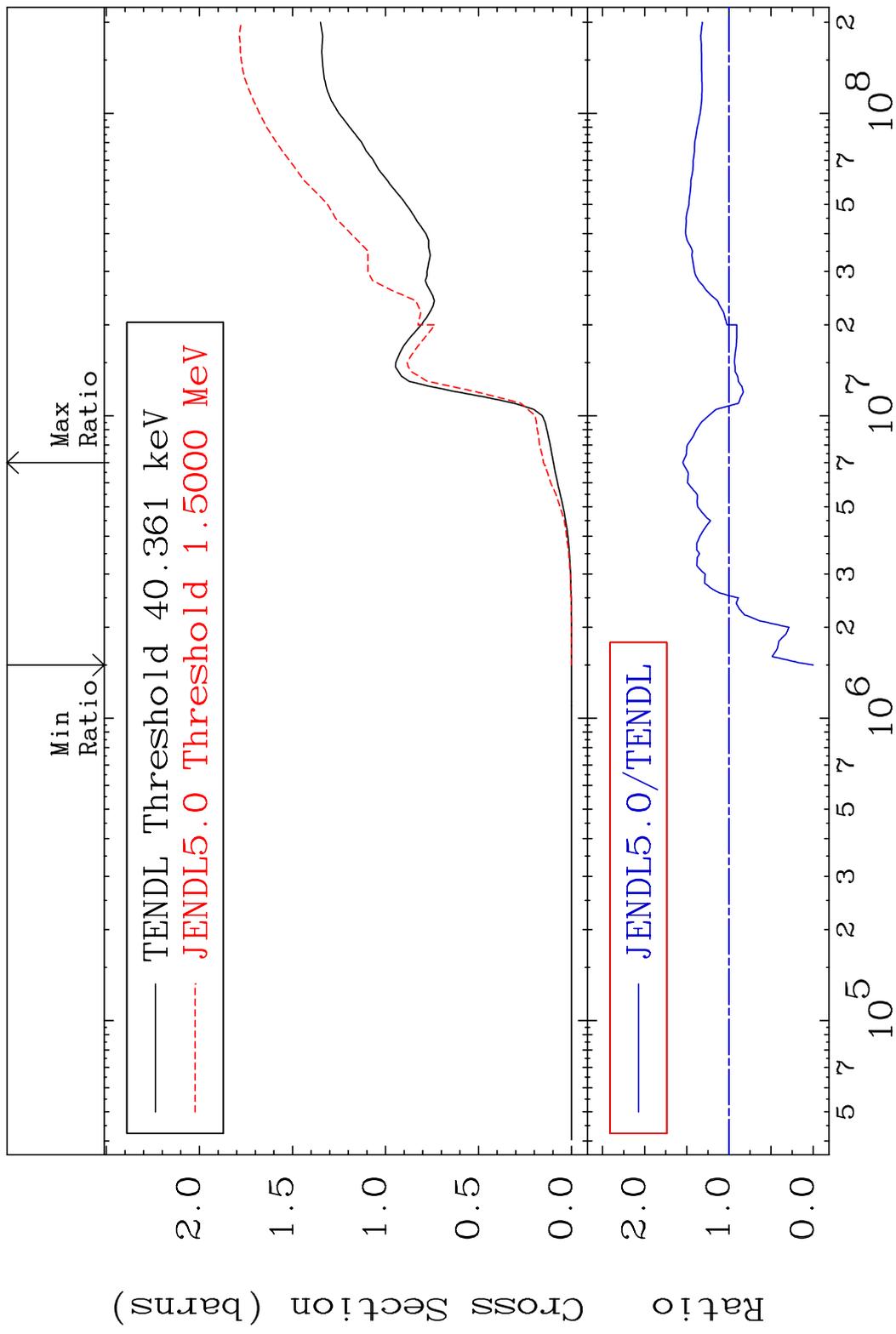


39

Incident Energy (eV)

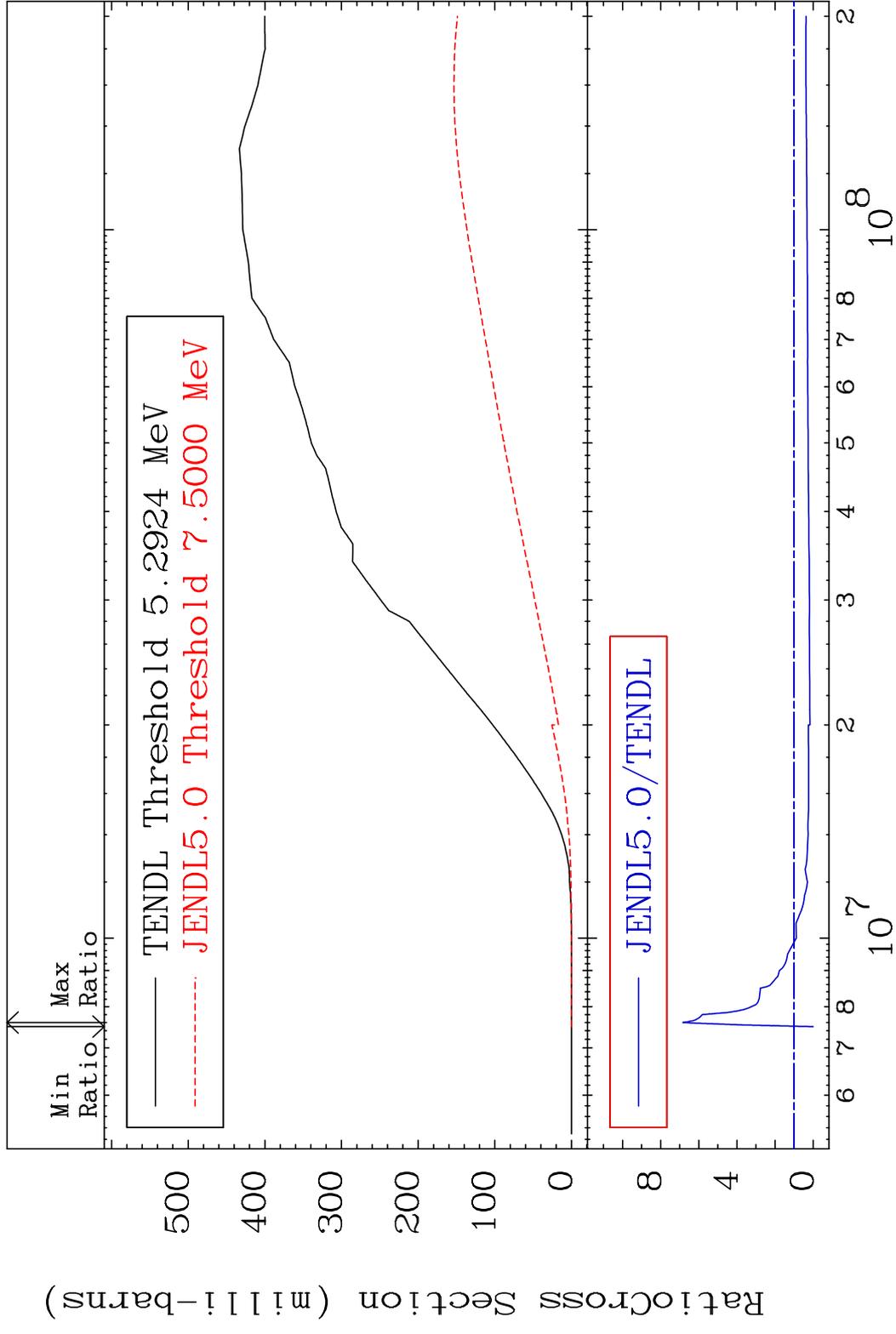
42-Mo-92

MAT 4225 Hydrogen Production 42-Mo-92
 Cross Section -100.0 To 54.74 %

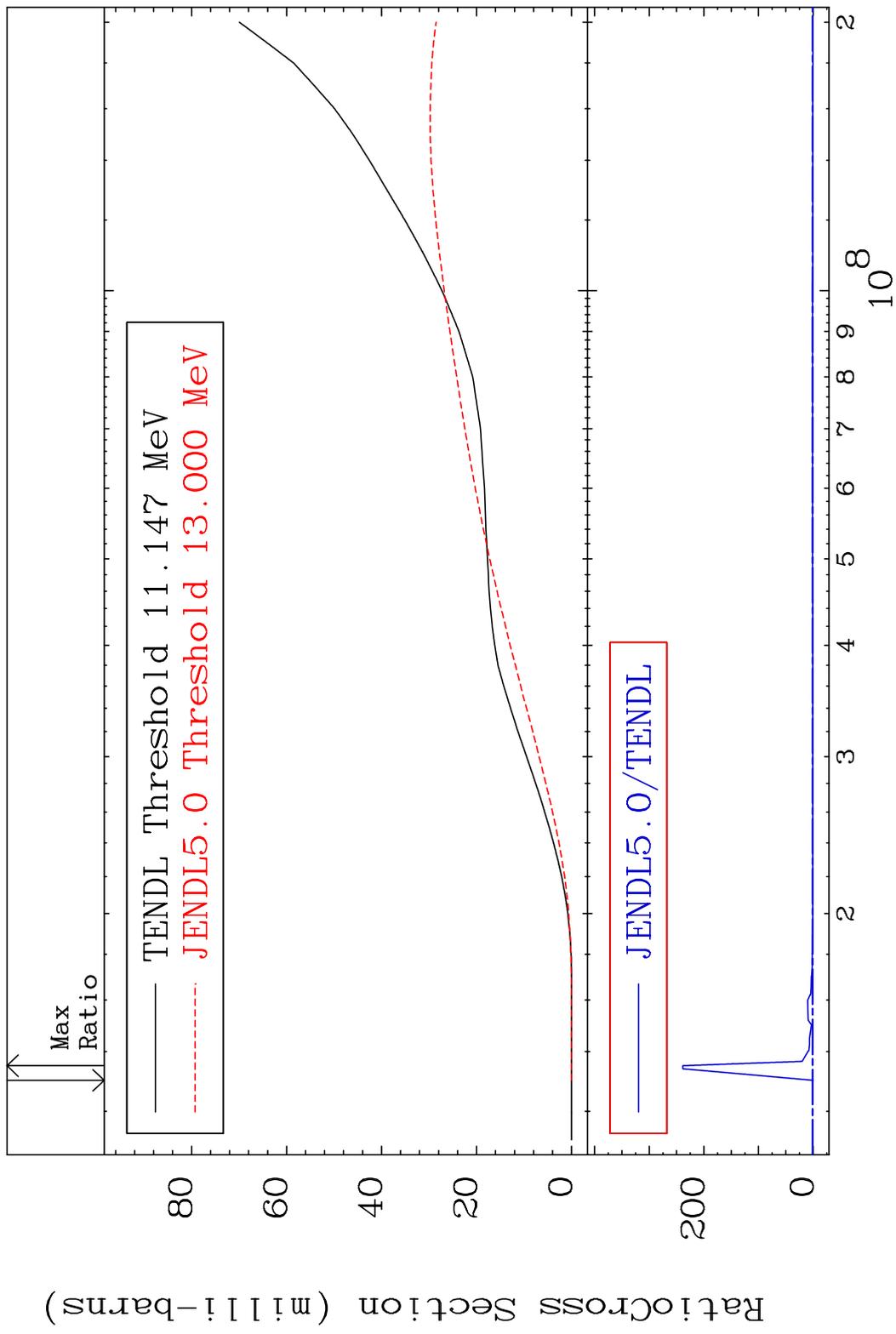


40 Incident Energy (eV) 42-Mo-92

MAT 4225 Deuterium Production 42-Mo-92
 Cross Section -100.0 To 583.5 %



MAT 4225 Tritium Production 42-Mo-92
 Cross Section -100.0 To 9999. %



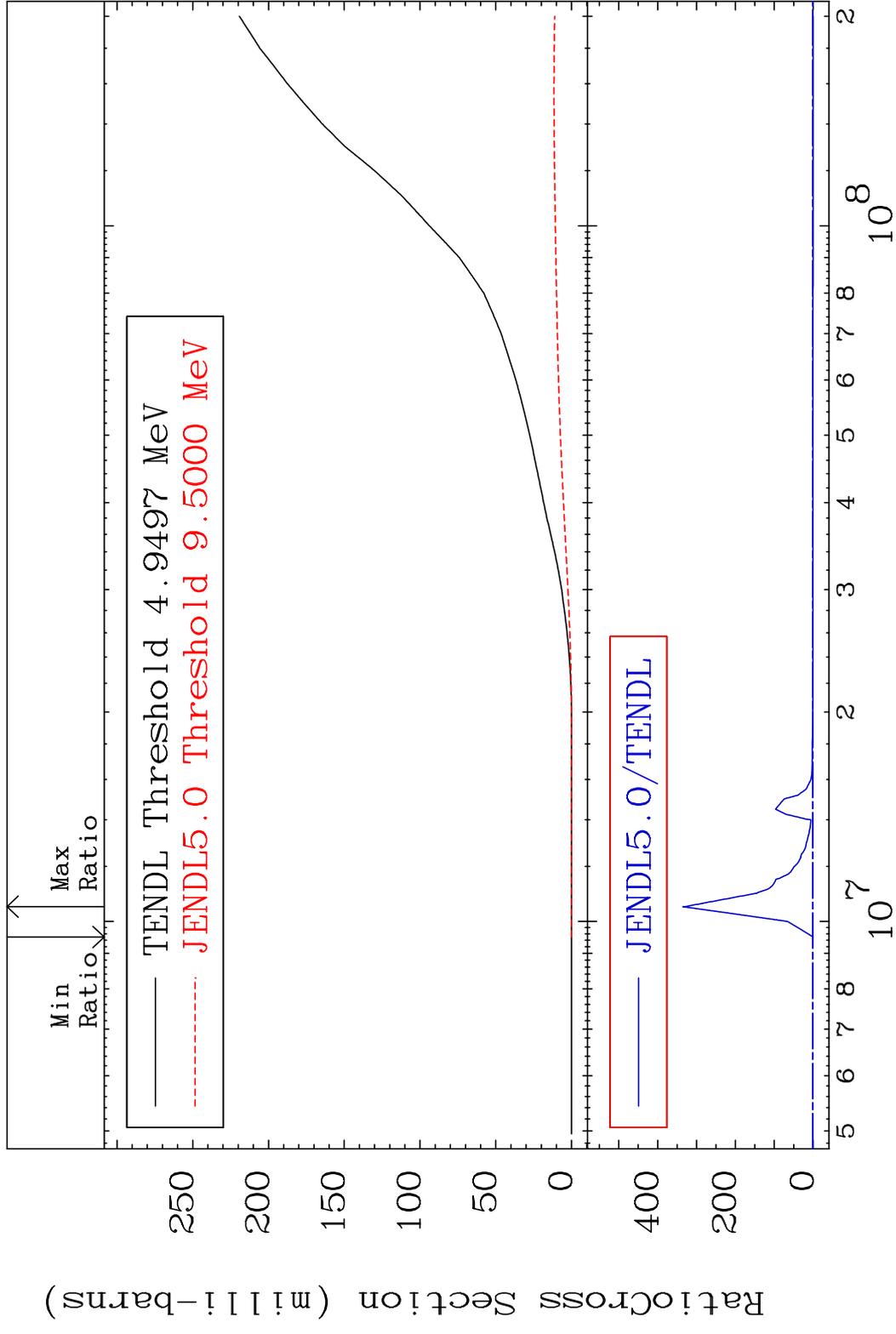
42 42-Mo-92

MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

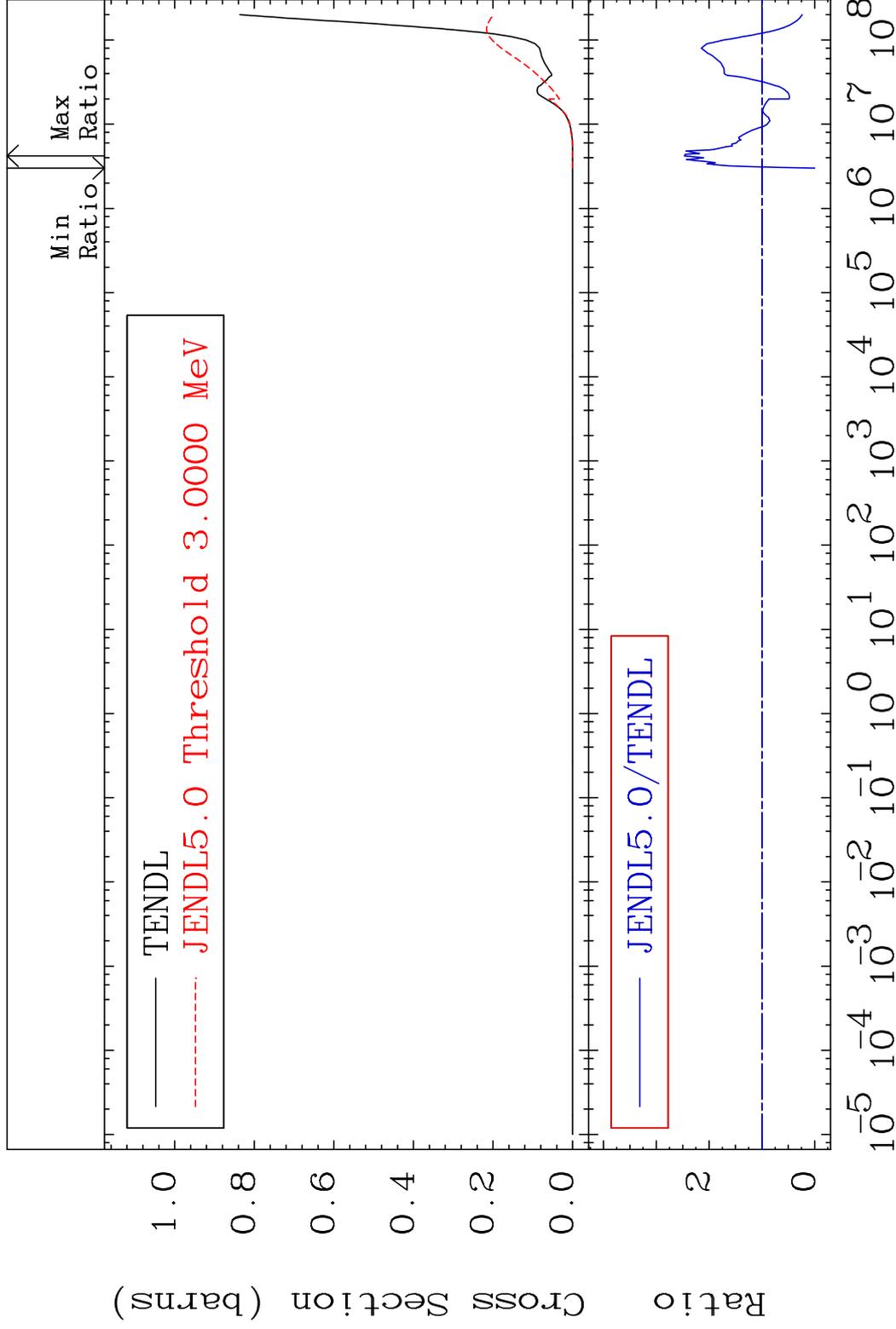
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 147.3 %

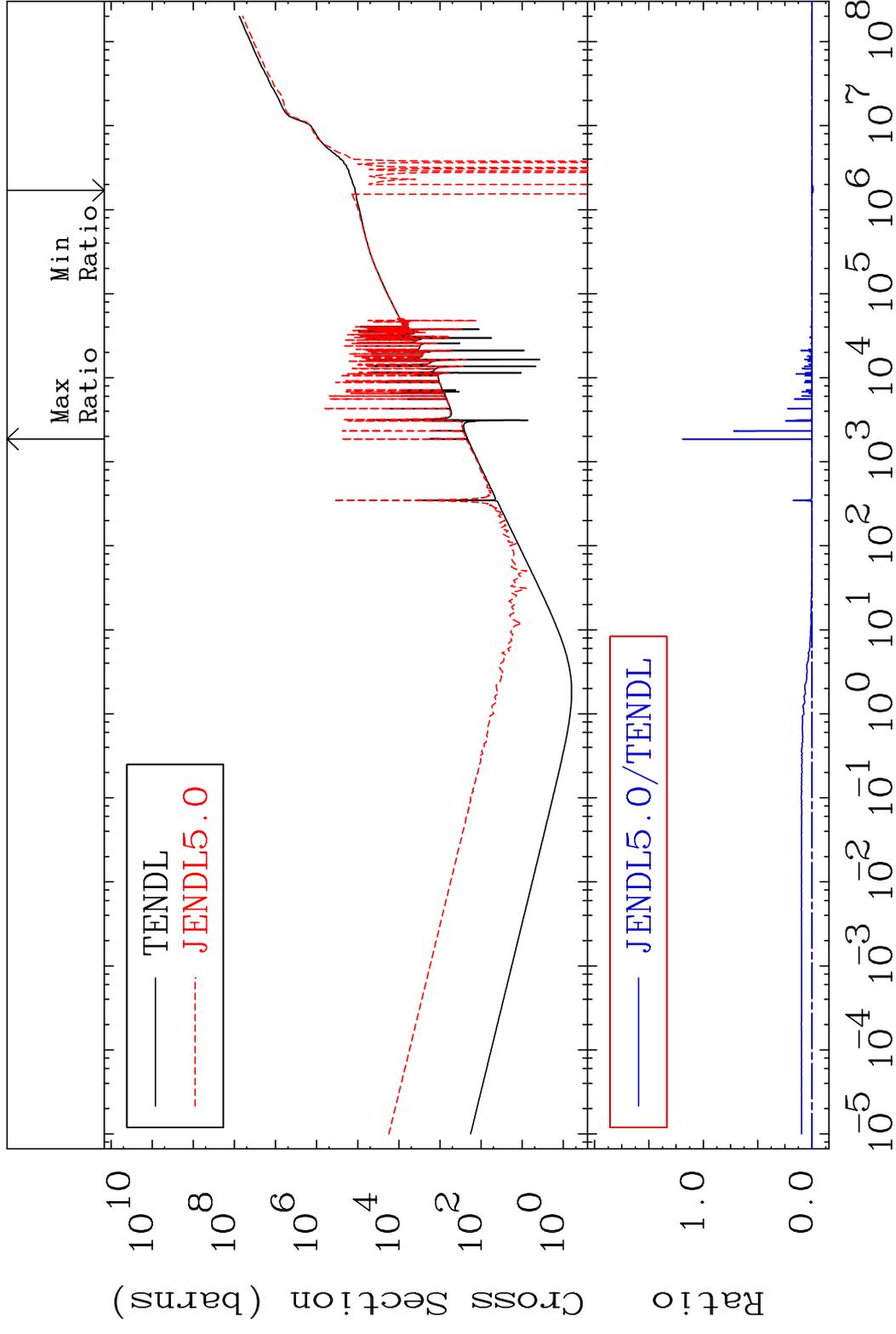


44

Incident Energy (eV)

42-Mo-92

MAT 4225 Kerma total (eV-barns) 42-Mo-92
 Cross Section -1102. To 9999. %

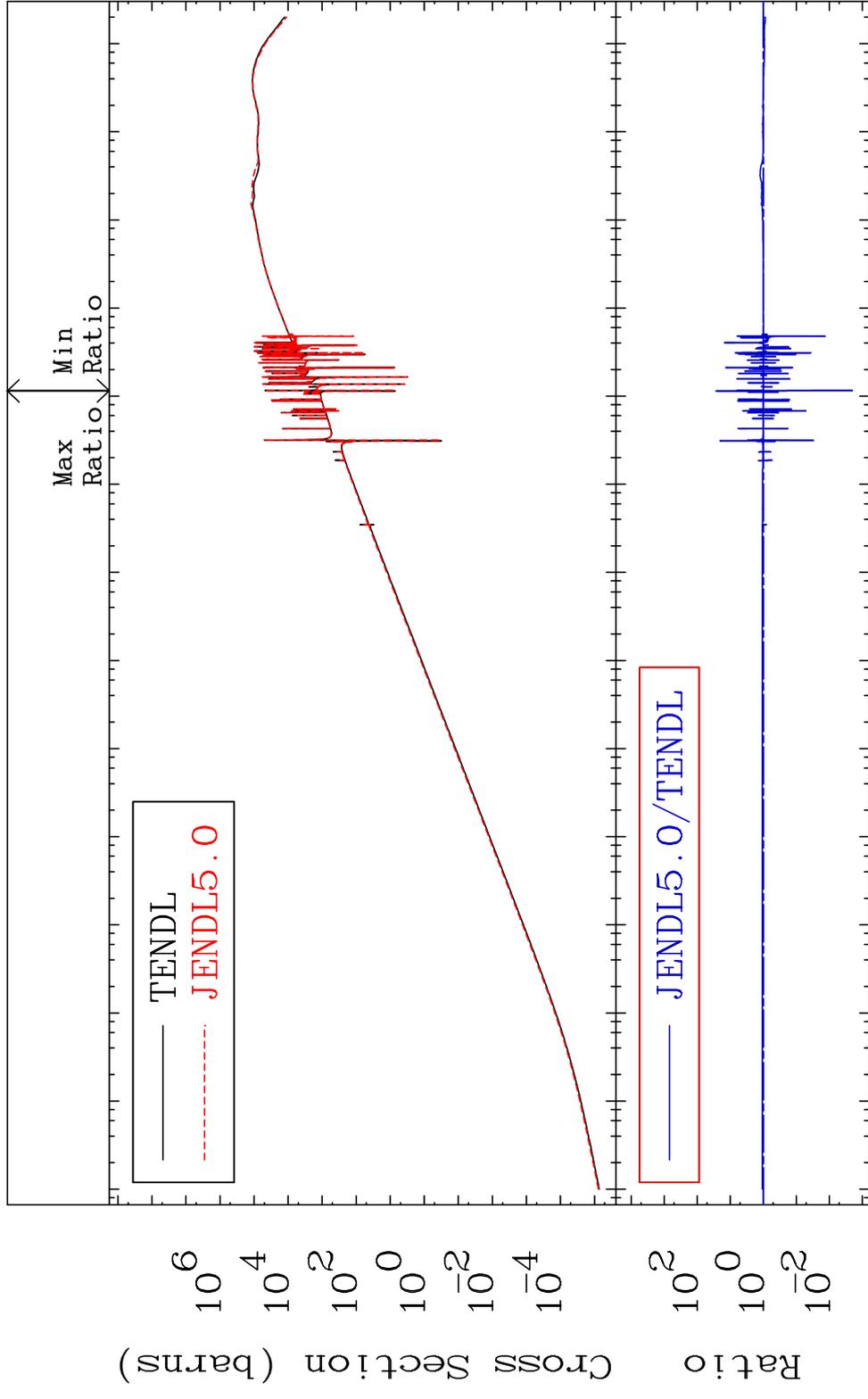


45 Incident Energy (eV) 42-Mo-92

MAT 4225

Kerma elastic
Cross Section

42-Mo-92
-99.80 To 2622. %

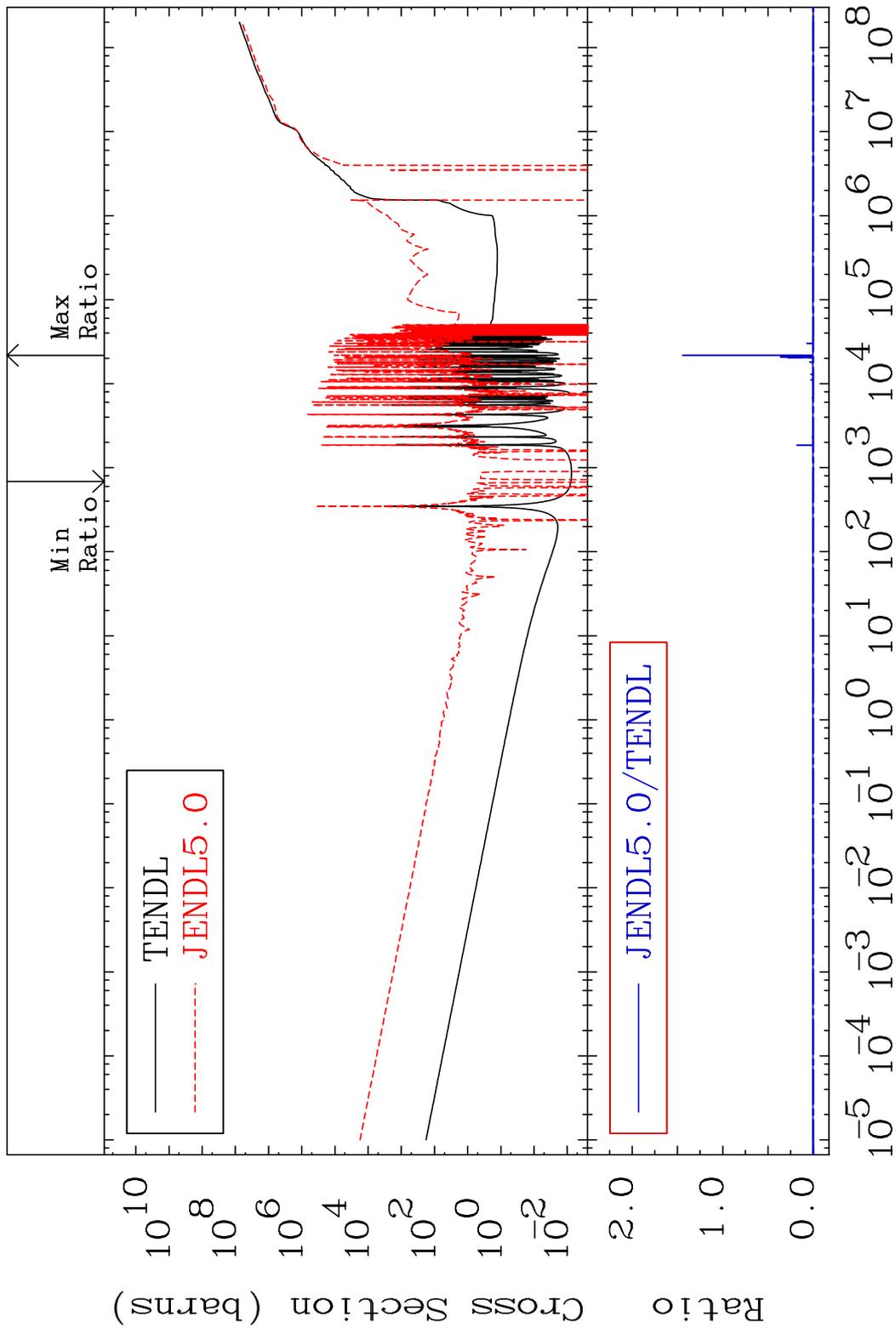


46

Incident Energy (eV)

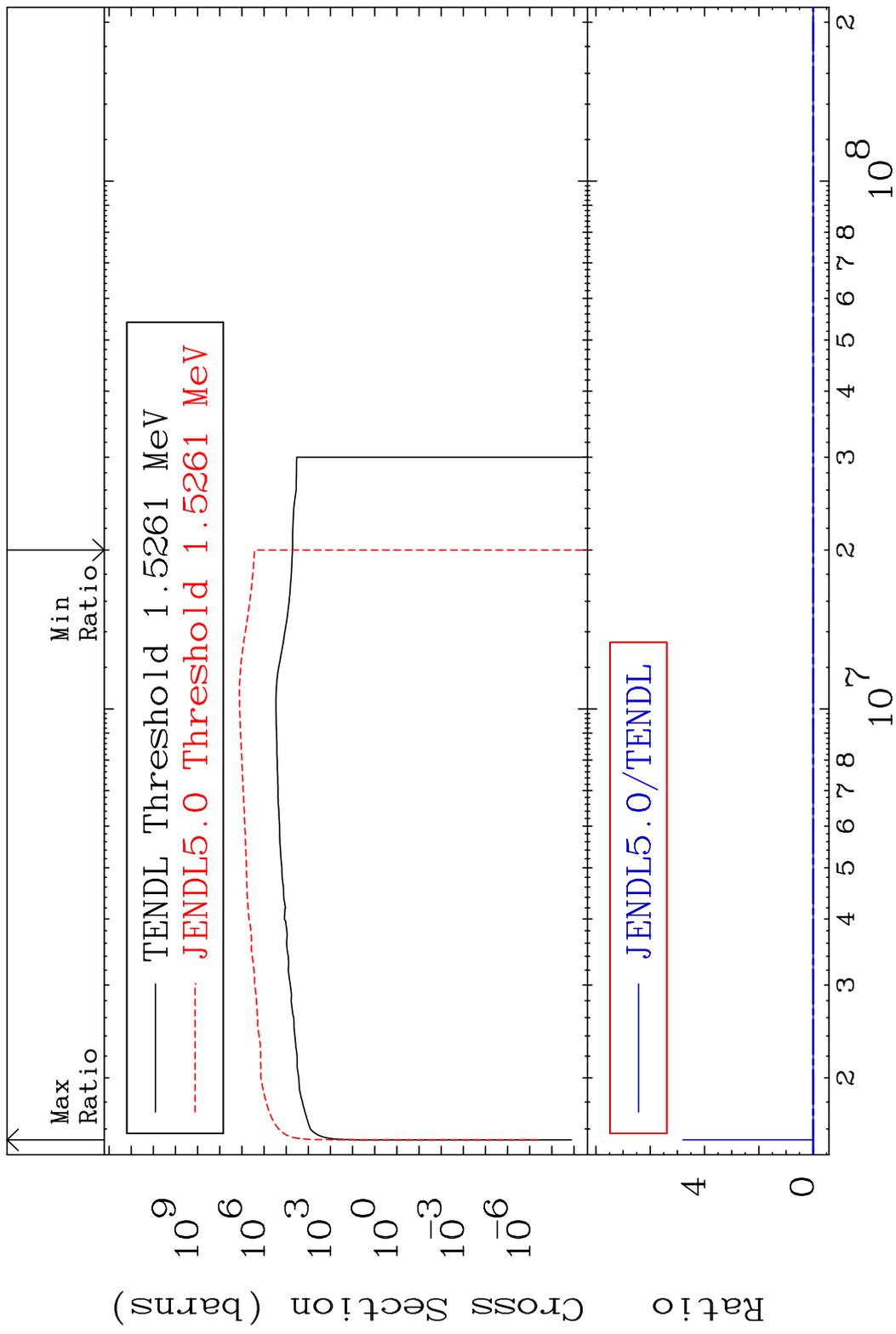
42-Mo-92

MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %



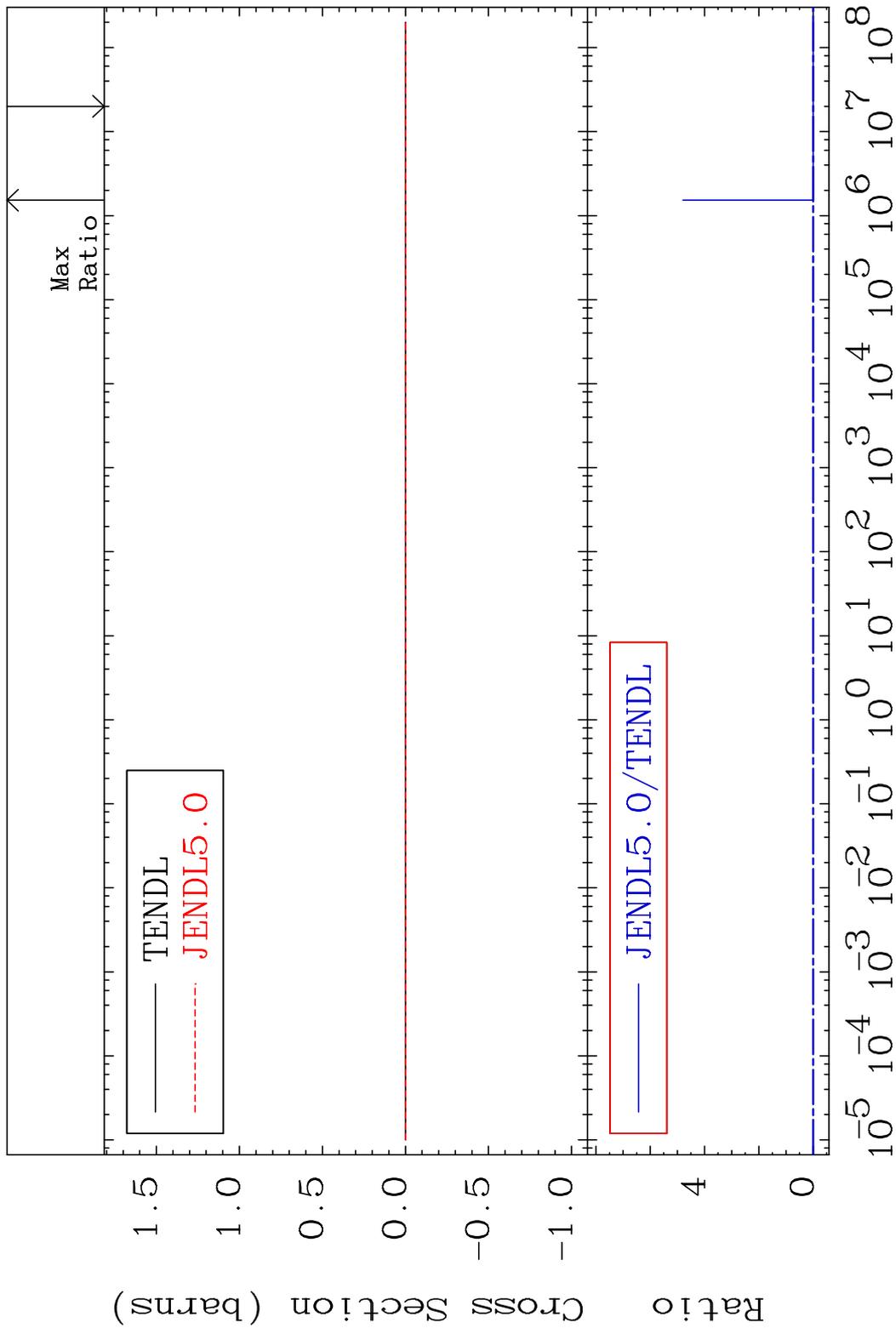
47 Incident Energy (eV) 42-Mo-92

MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %

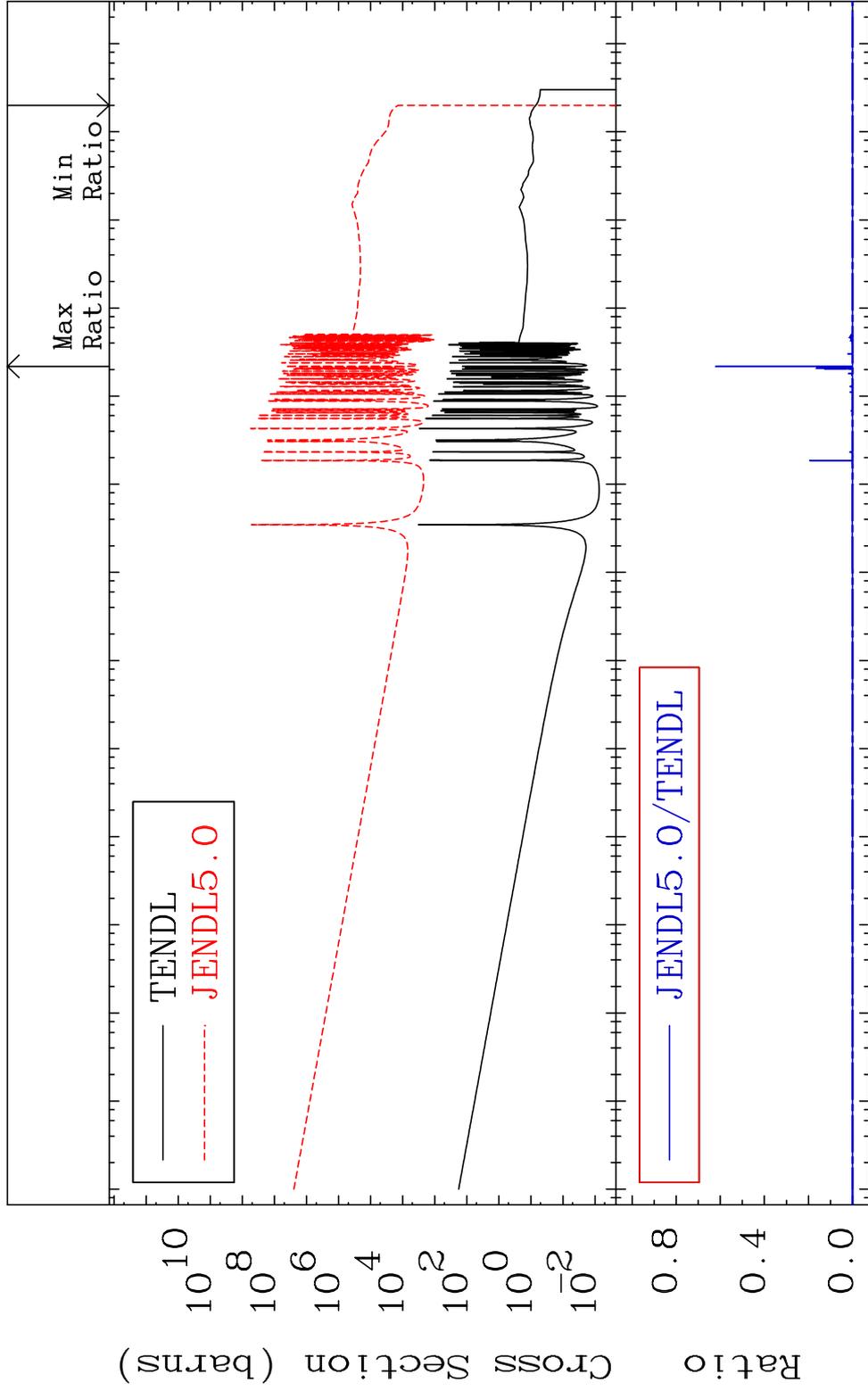


48 42-Mo-92

MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92
 Cross Section -100.0 To 9999. %

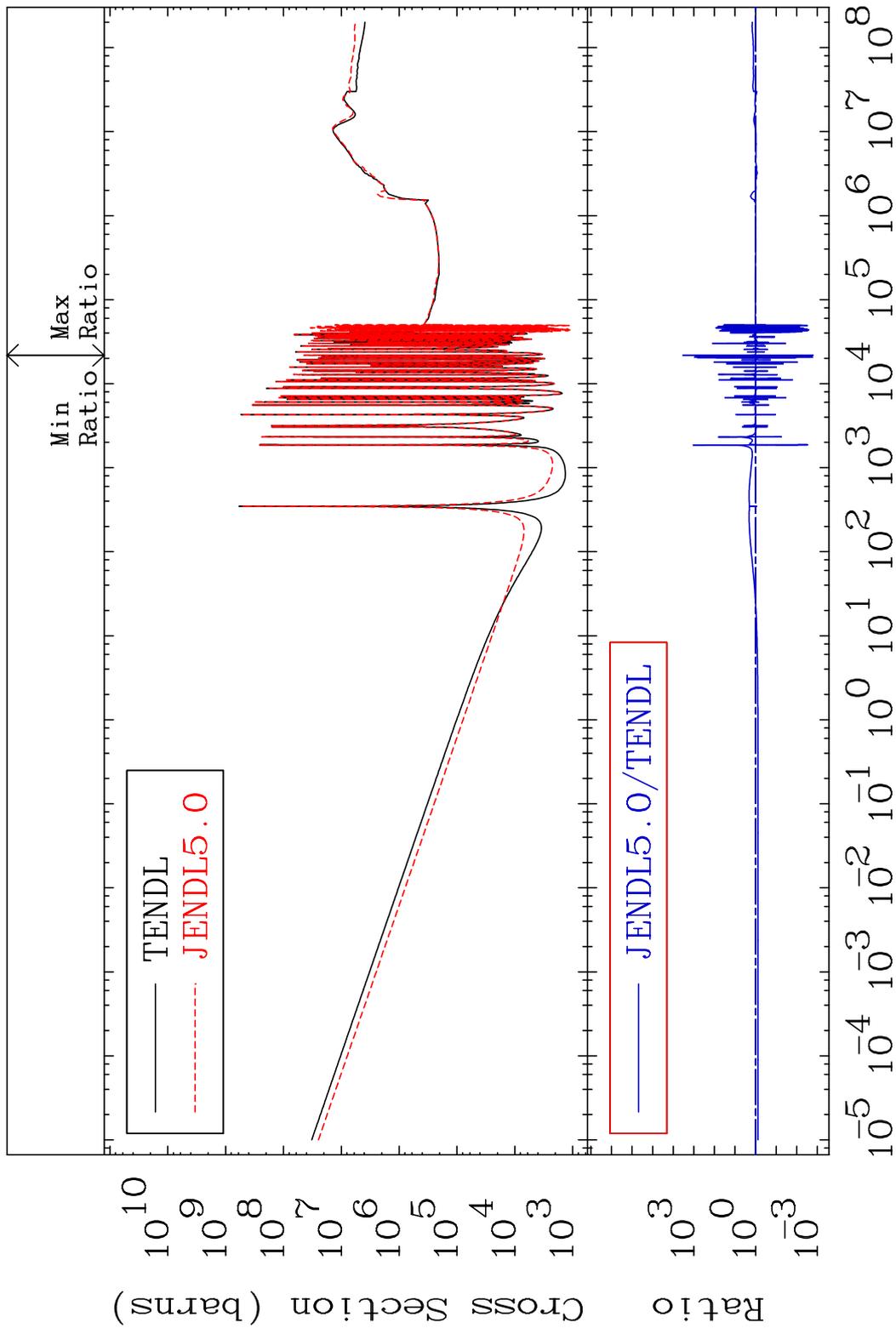


MAT 4225 Kerma capture (mt102) 42-Mo-92
 Cross Section -100.0 To 9999. %

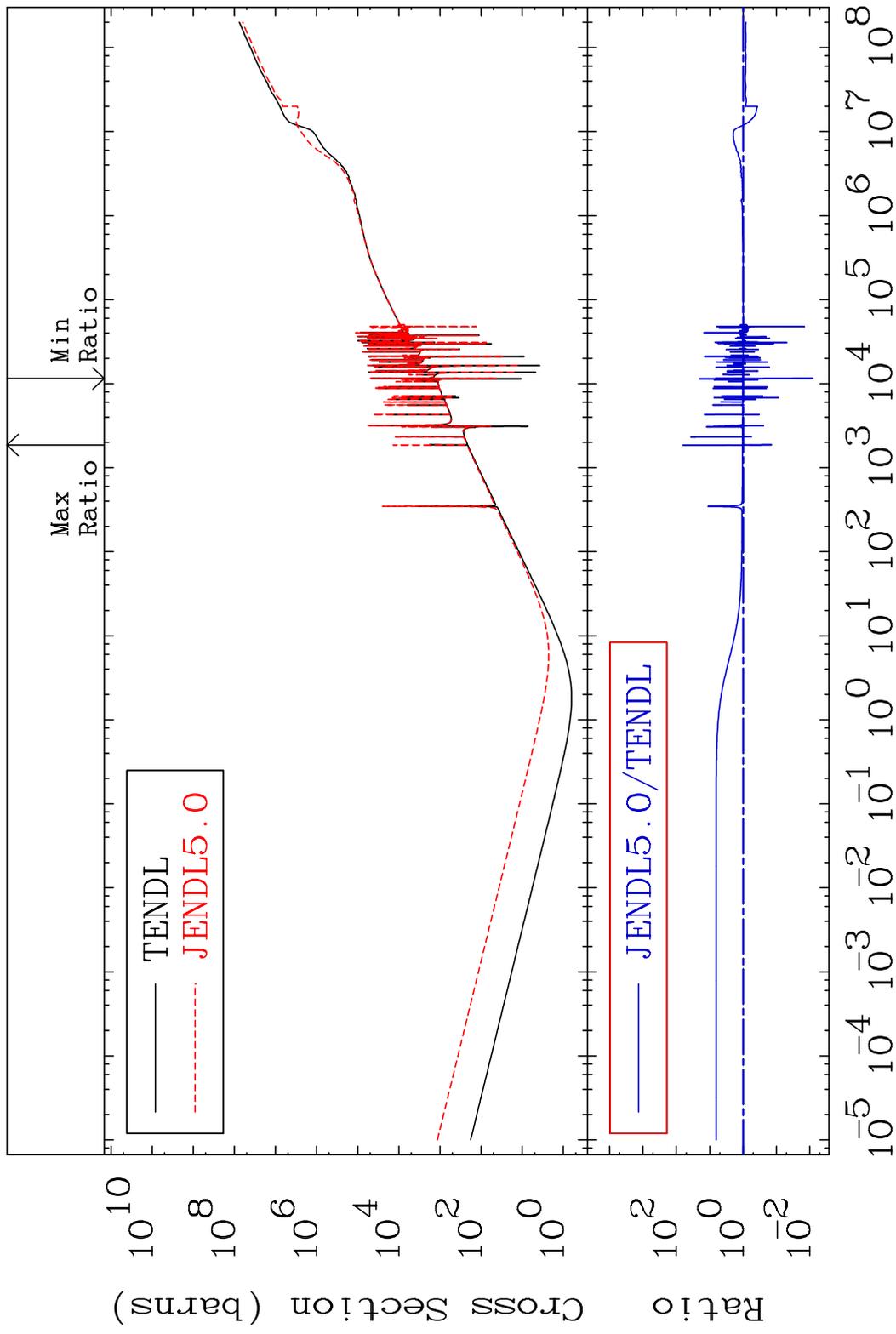


50 Incident Energy (eV) 42-Mo-92

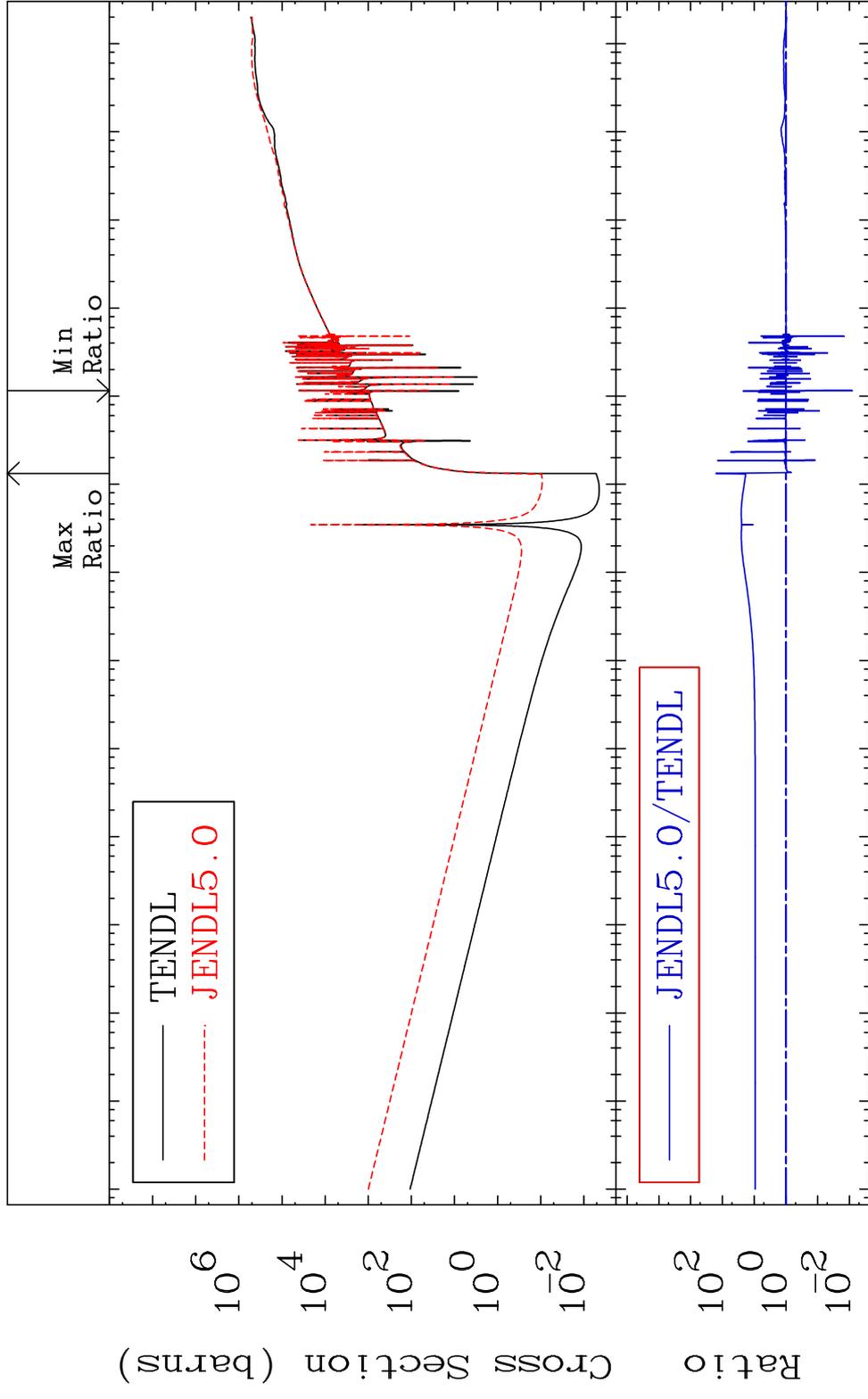
MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -99.84 To 9999. %



MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.20 To 6288. %



MAT 4225 Dpa total (eV-barns) 42-Mo-92
 Cross Section -99.20 To 9999. %



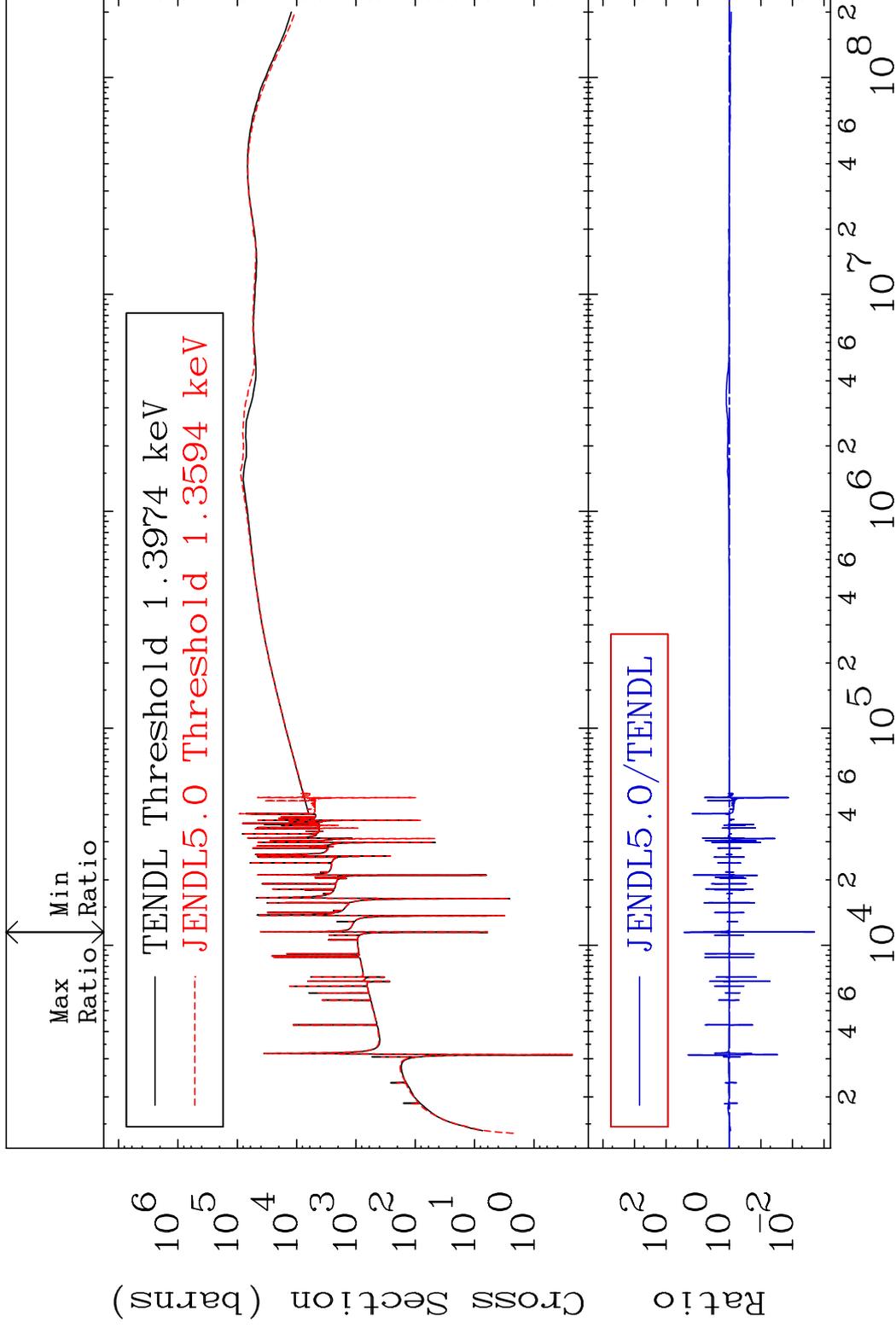
53 Incident Energy (eV) 42-Mo-92

MAT 4225

Dpa elastic (mt2)

42-Mo-92

Cross Section -99.80 To 2623. %

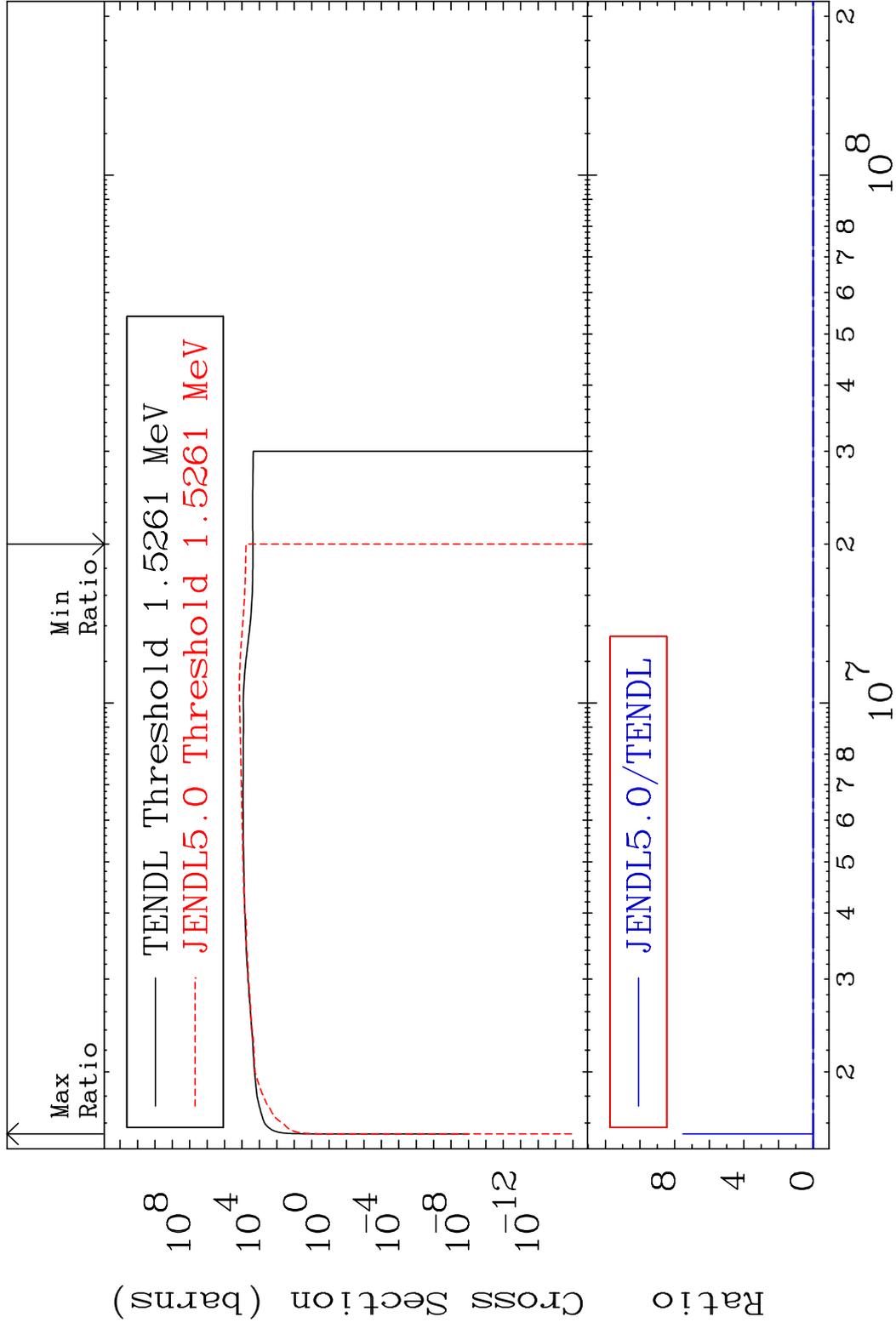


54

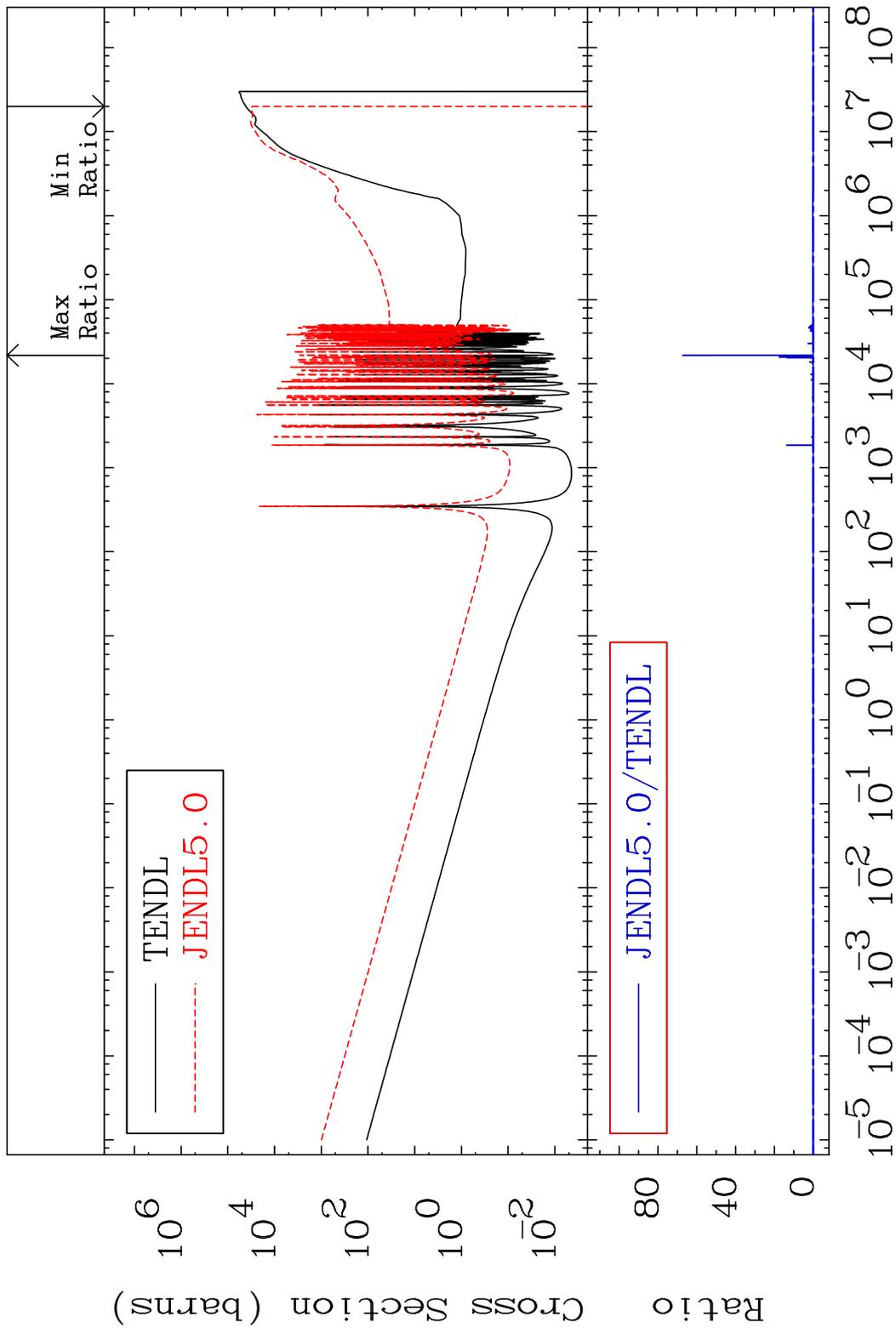
Incident Energy (eV)

42-Mo-92

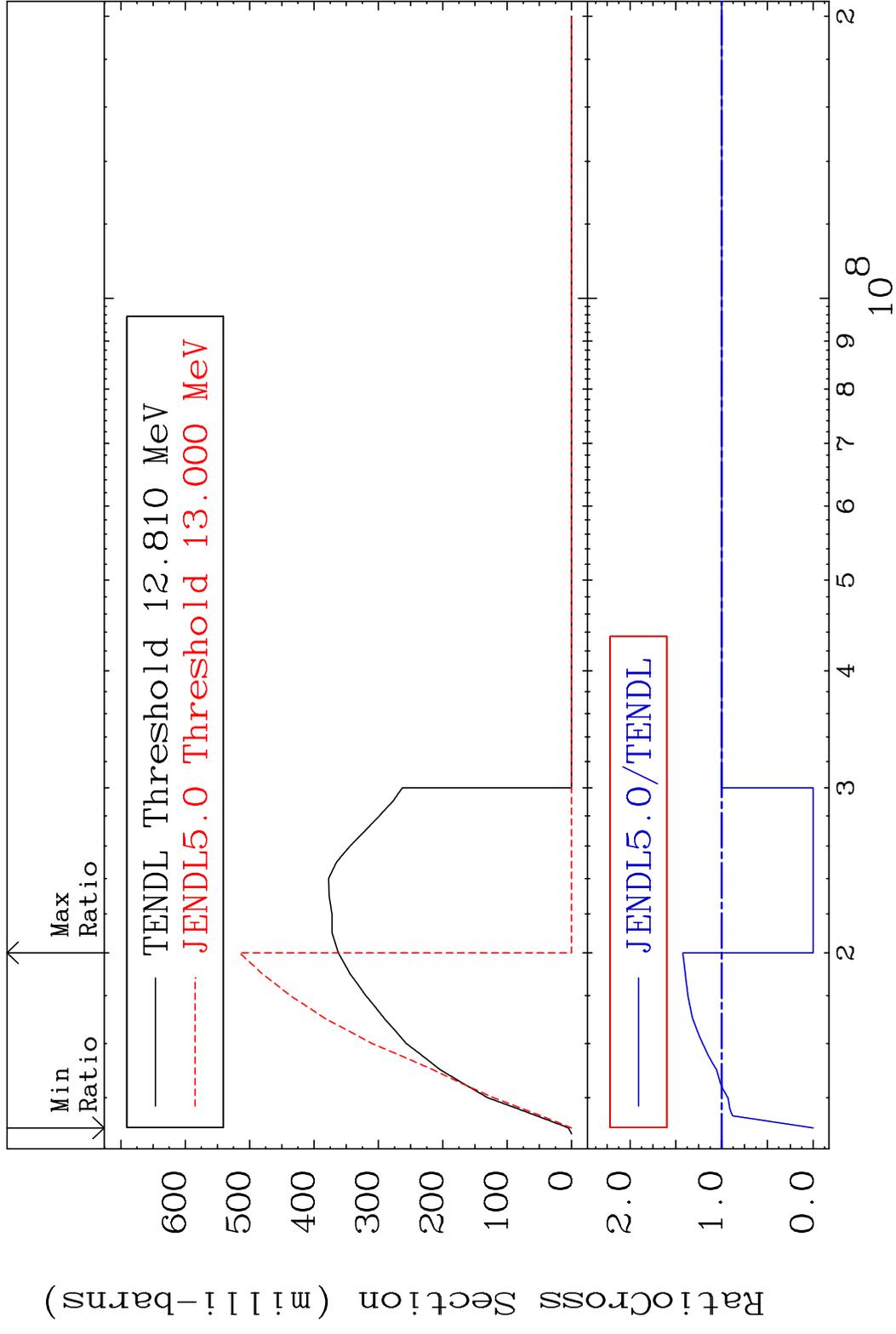
MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %



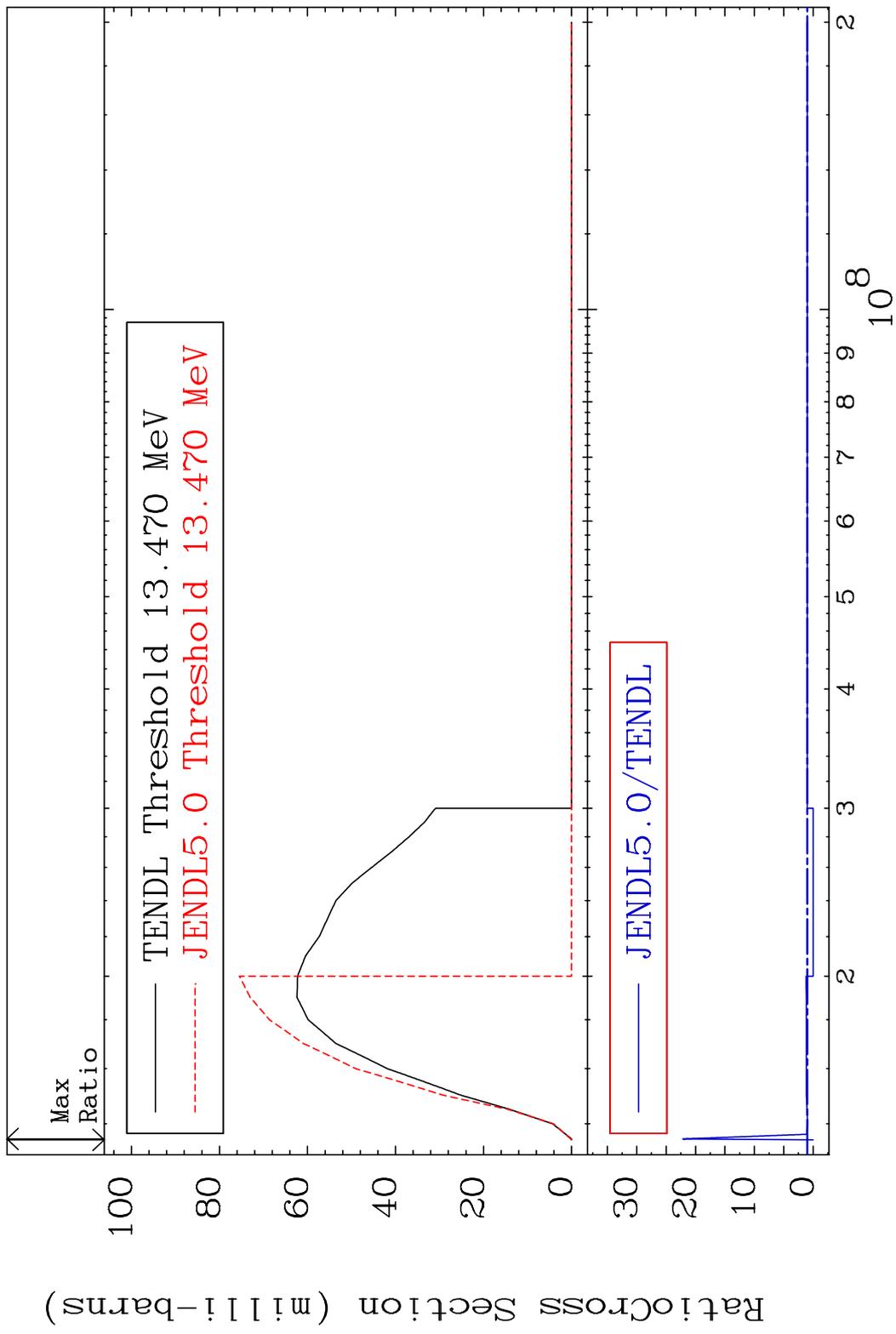
MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -100.0 To 9999. %



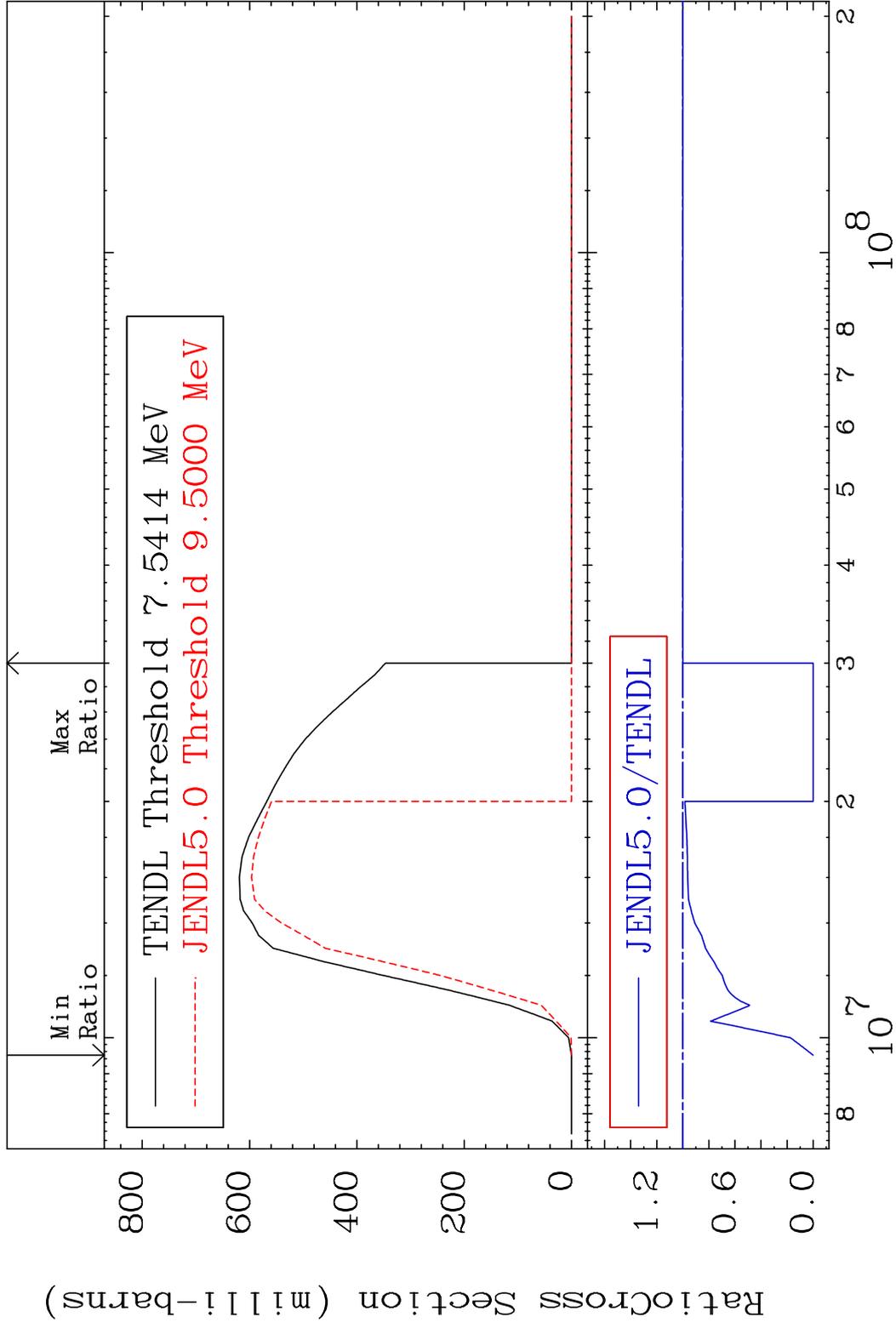
MAT 4225 (n,2n):42-Mo-91g 42-Mo-92
 Radionuclide Production Cross Section Ratio 42.36 %



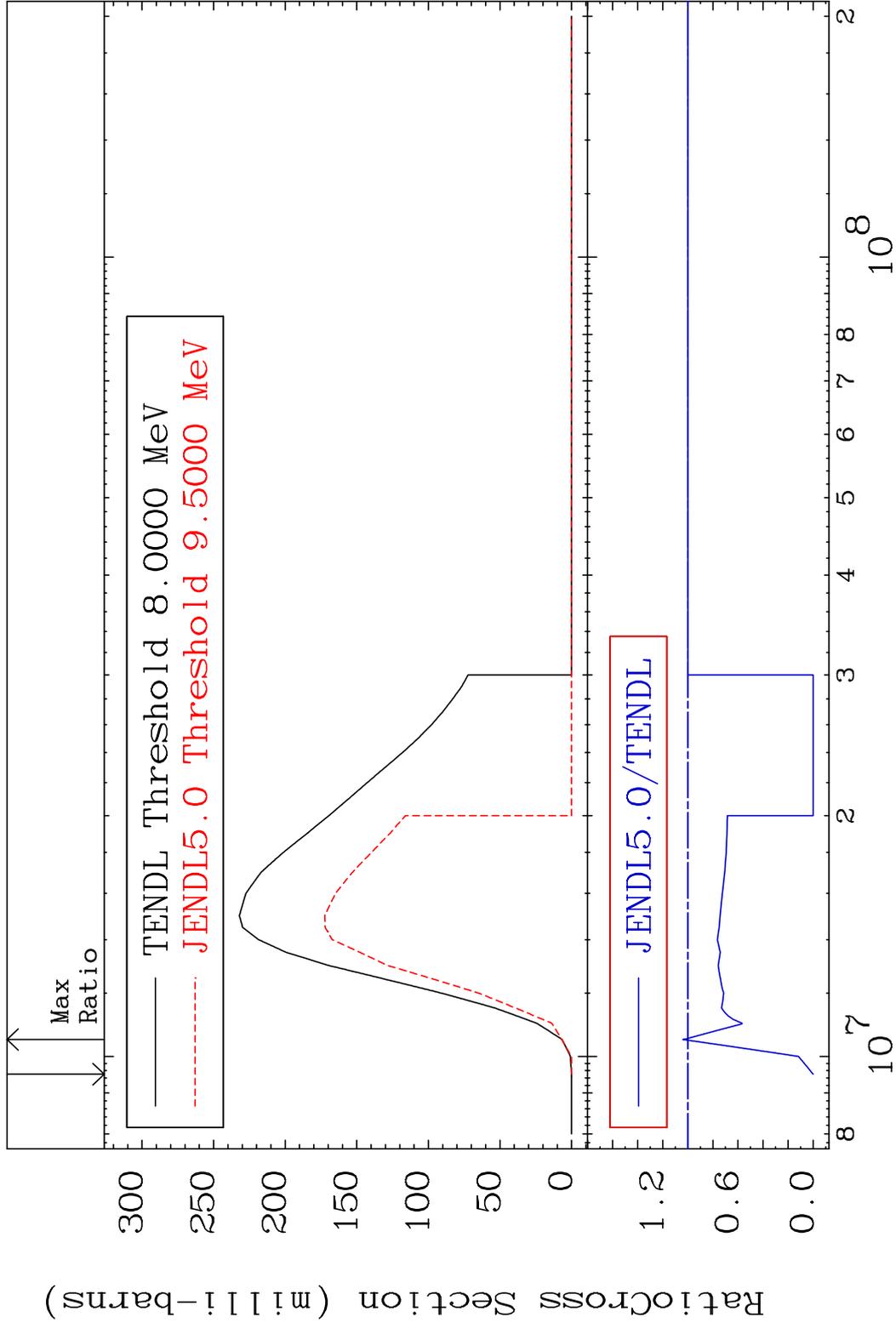
MAT 4225 (n,2n):42-Mo-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 2116. %



MAT 4225 (n, n') p:41-Nb-91g 42-Mo-92
 Radionuclide Production Cross Section Ratio 0.000 %

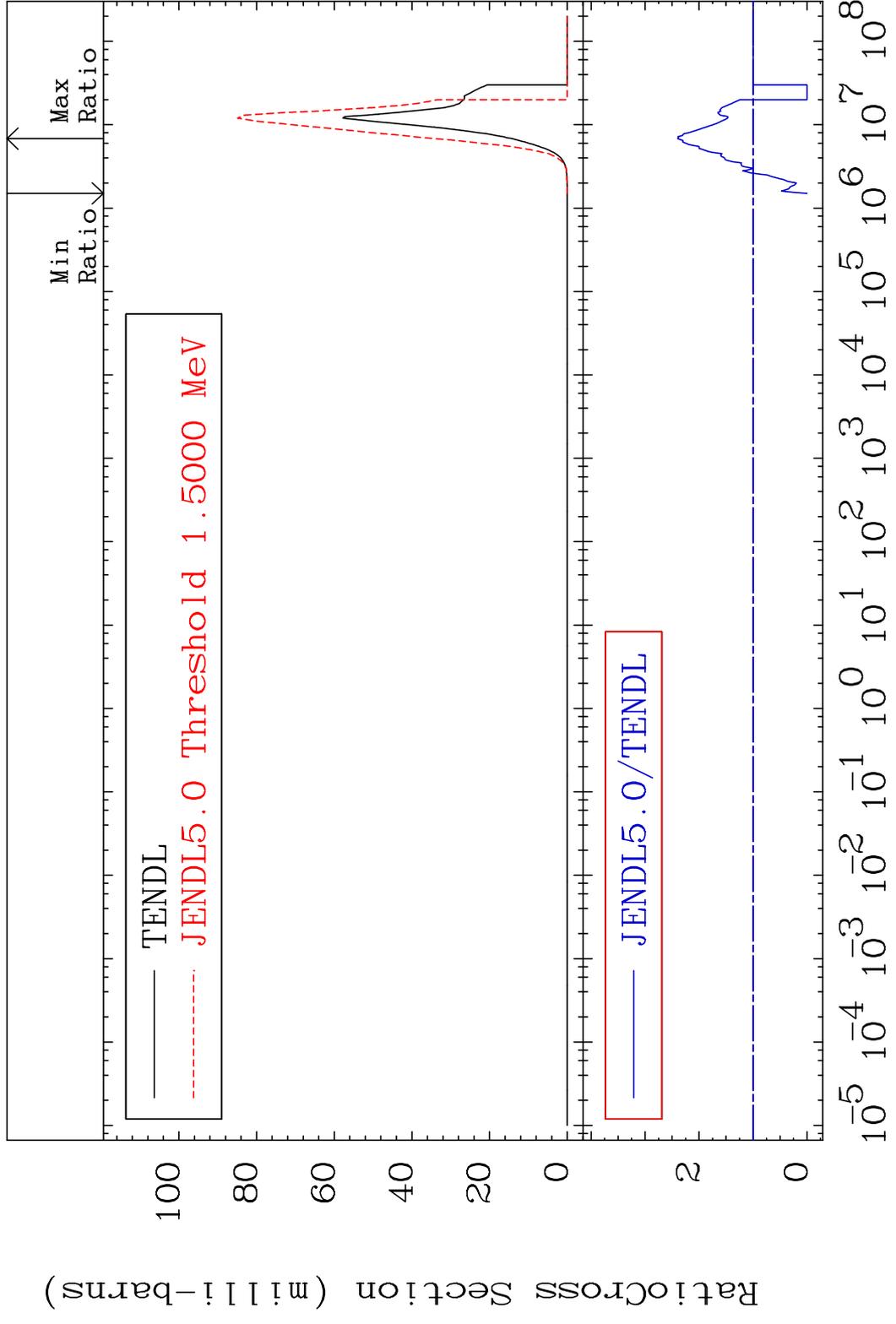


MAT 4225 (n, n') p:41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 3.978 %

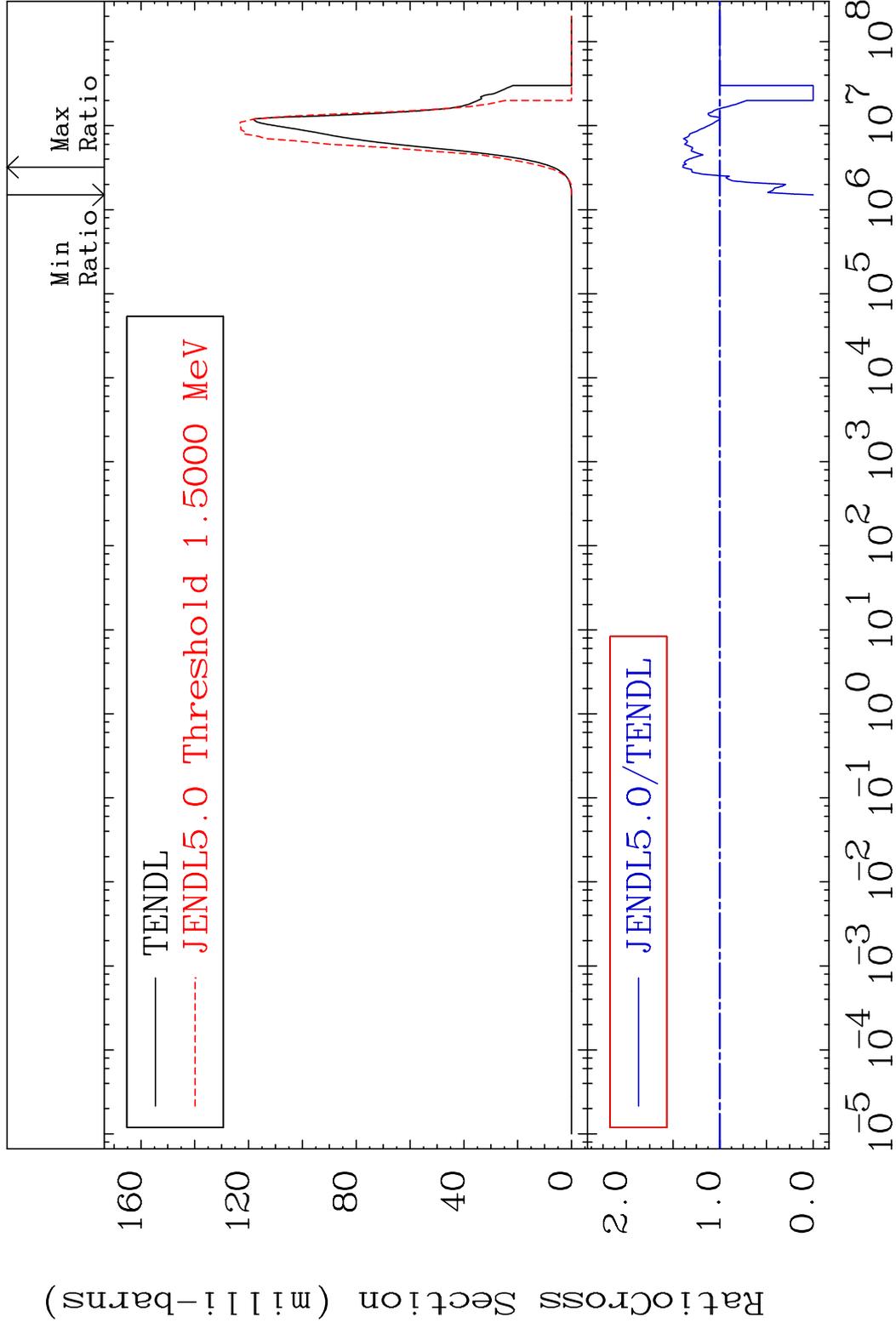


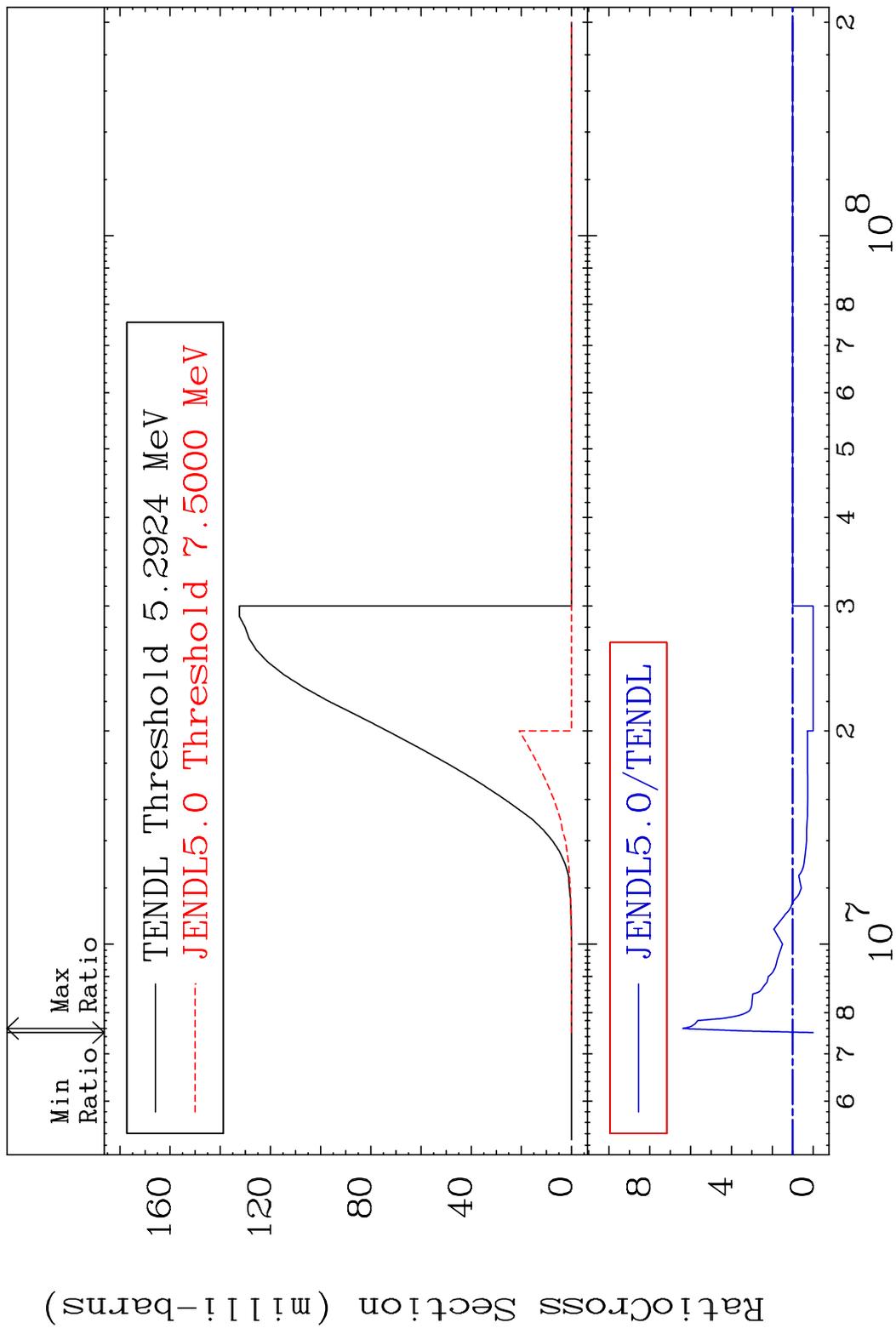
60 Incident Energy (eV) 42-Mo-92

MAT 4225 (n, p) : 41-Nb-92g 42-Mo-92
 Radionuclide Production Cross Section 139.6 %

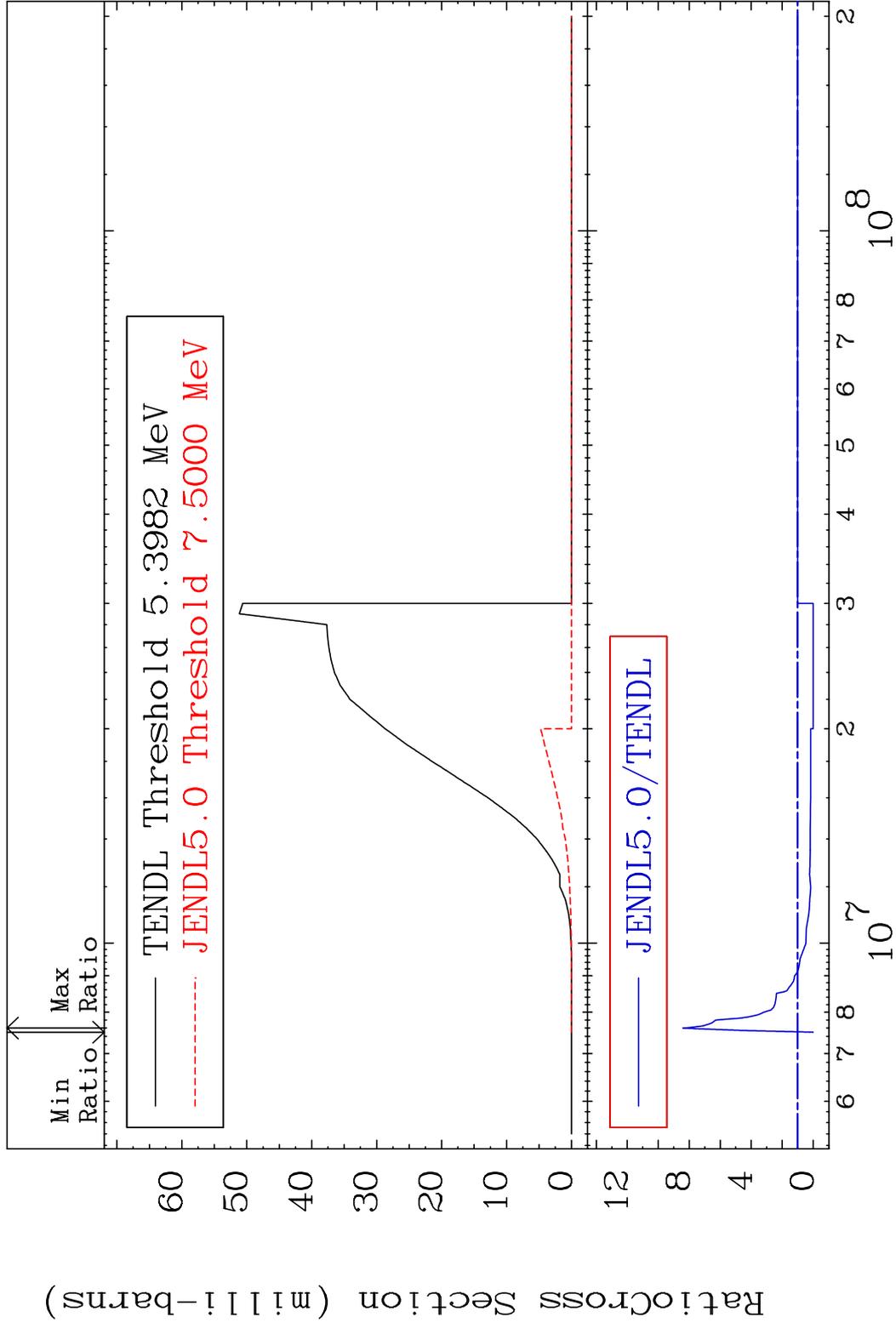


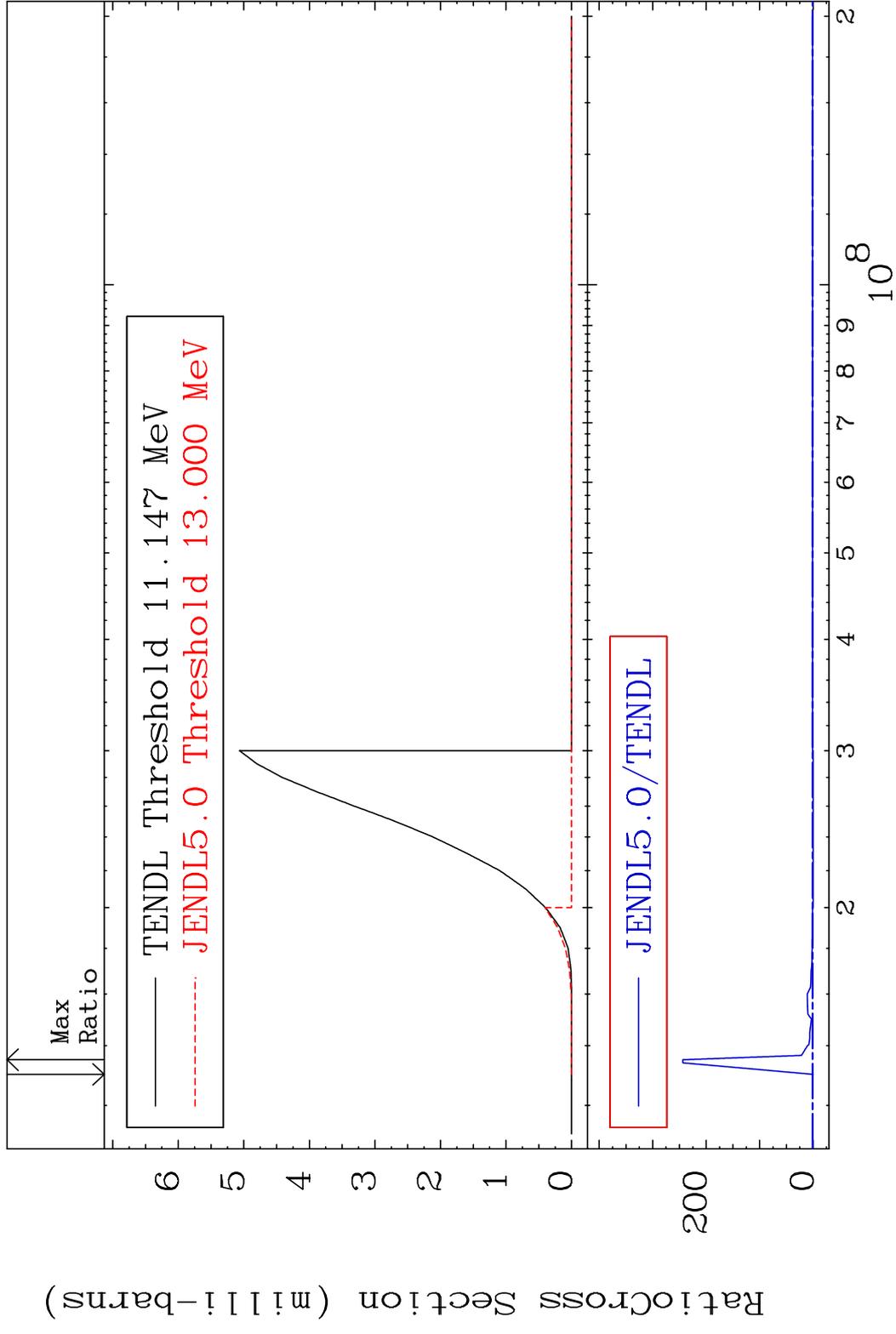
MAT 4225 (n,p):41-Nb-92m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 39.53 %

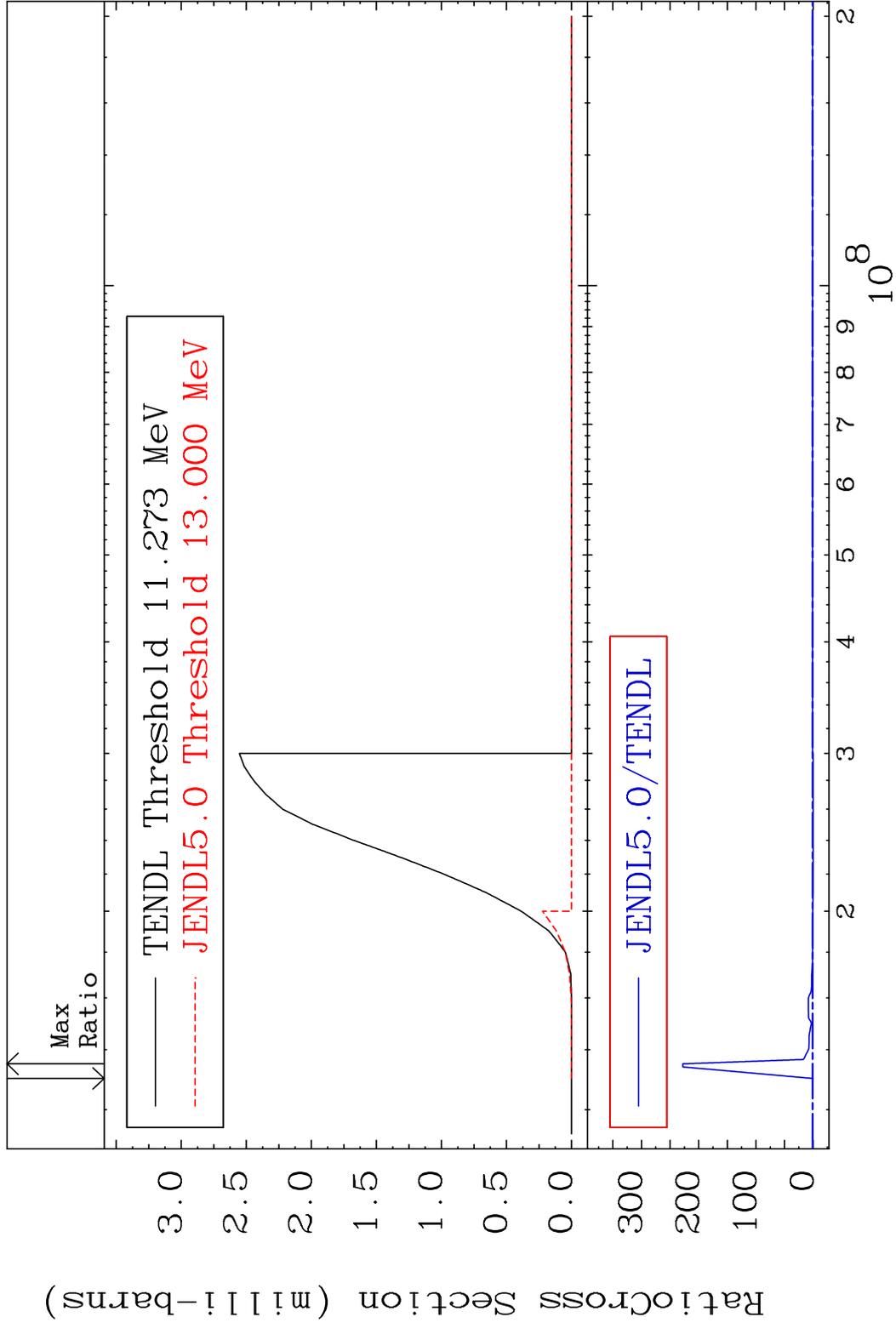


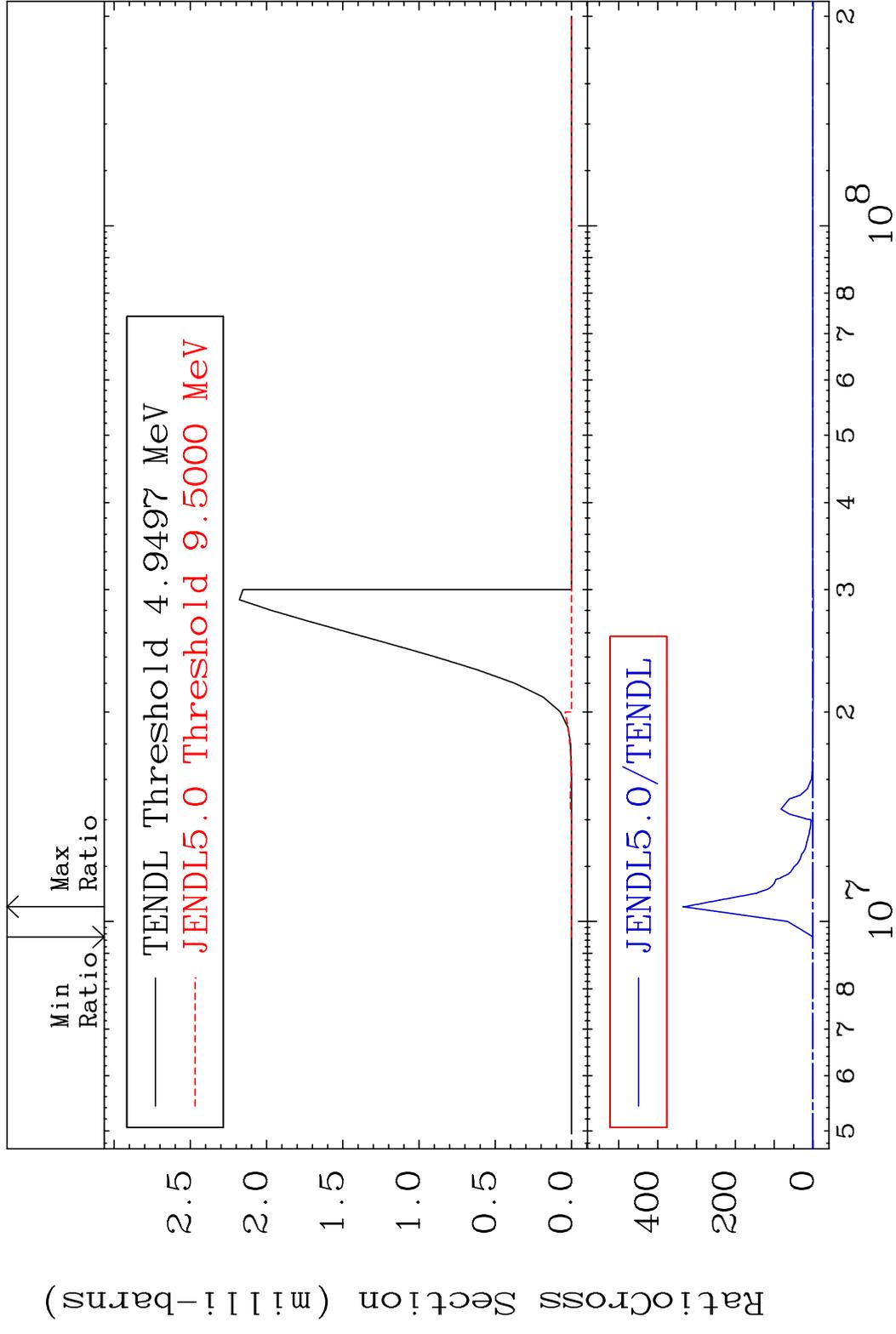


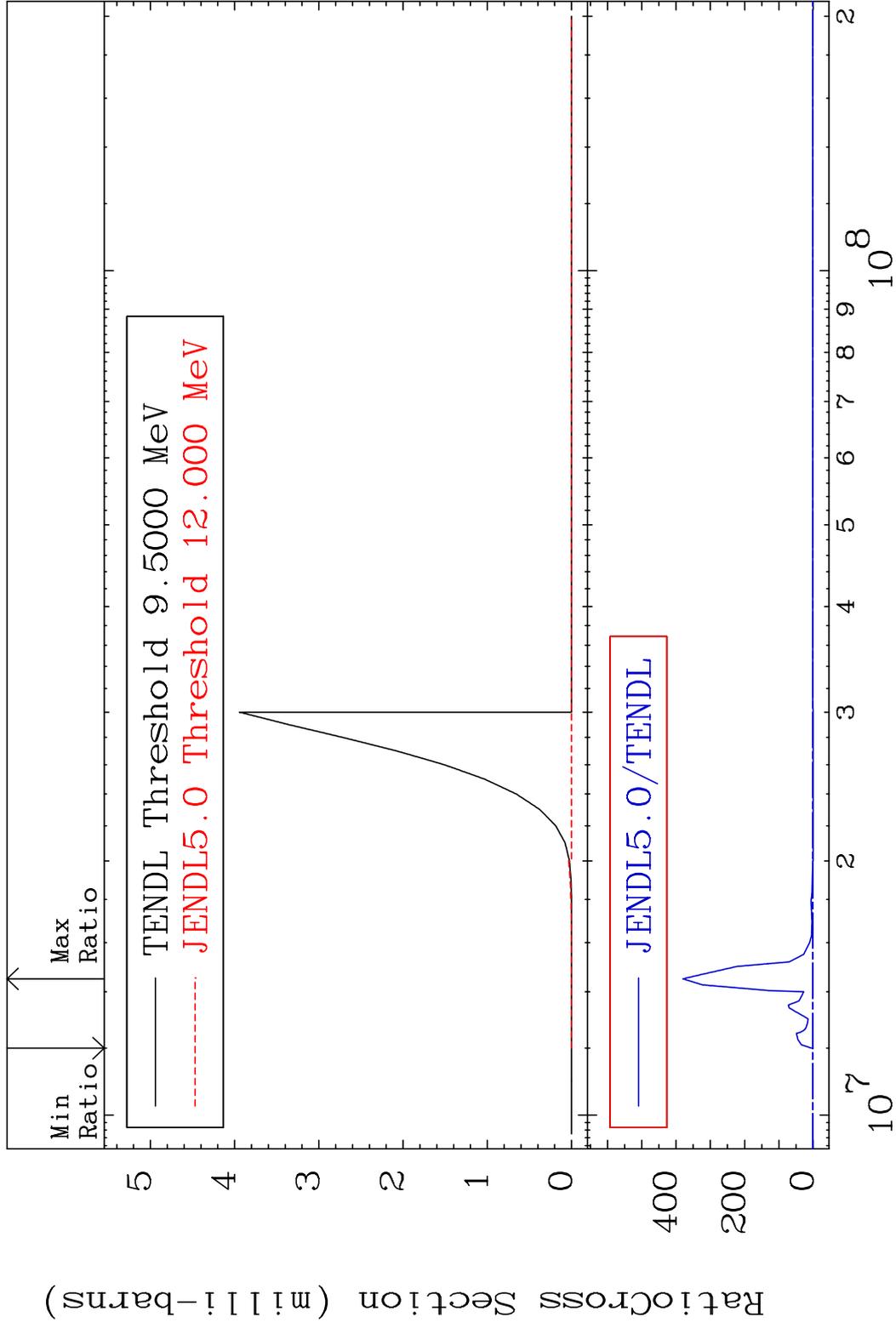
MAT 4225 (n,d):41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 741.4 %



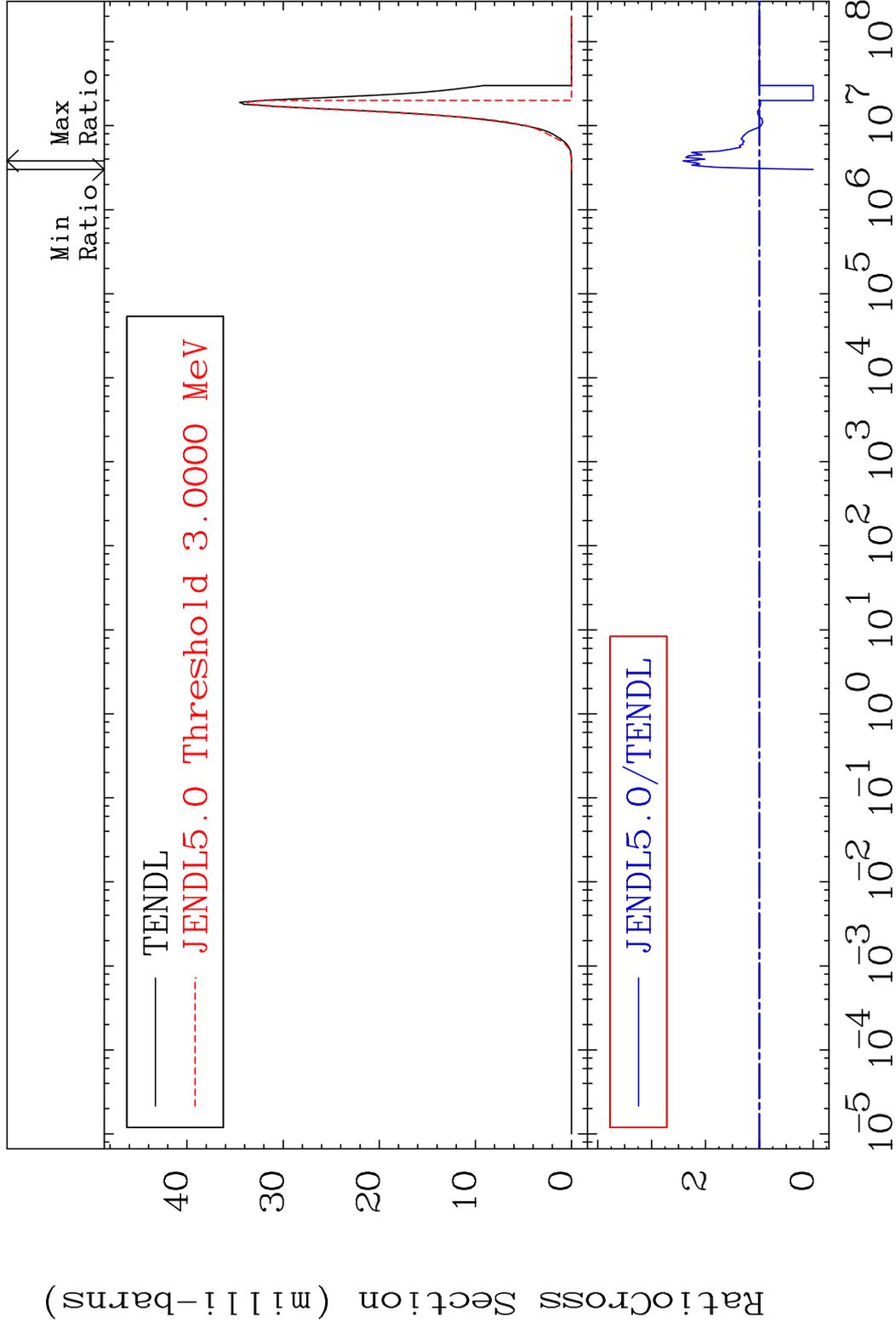








MAT 4225 (n, α): 40-Zr-89g 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 142.0 %



MAT 4225 (n,α): 40-Zr-89m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 256.0 %

