

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

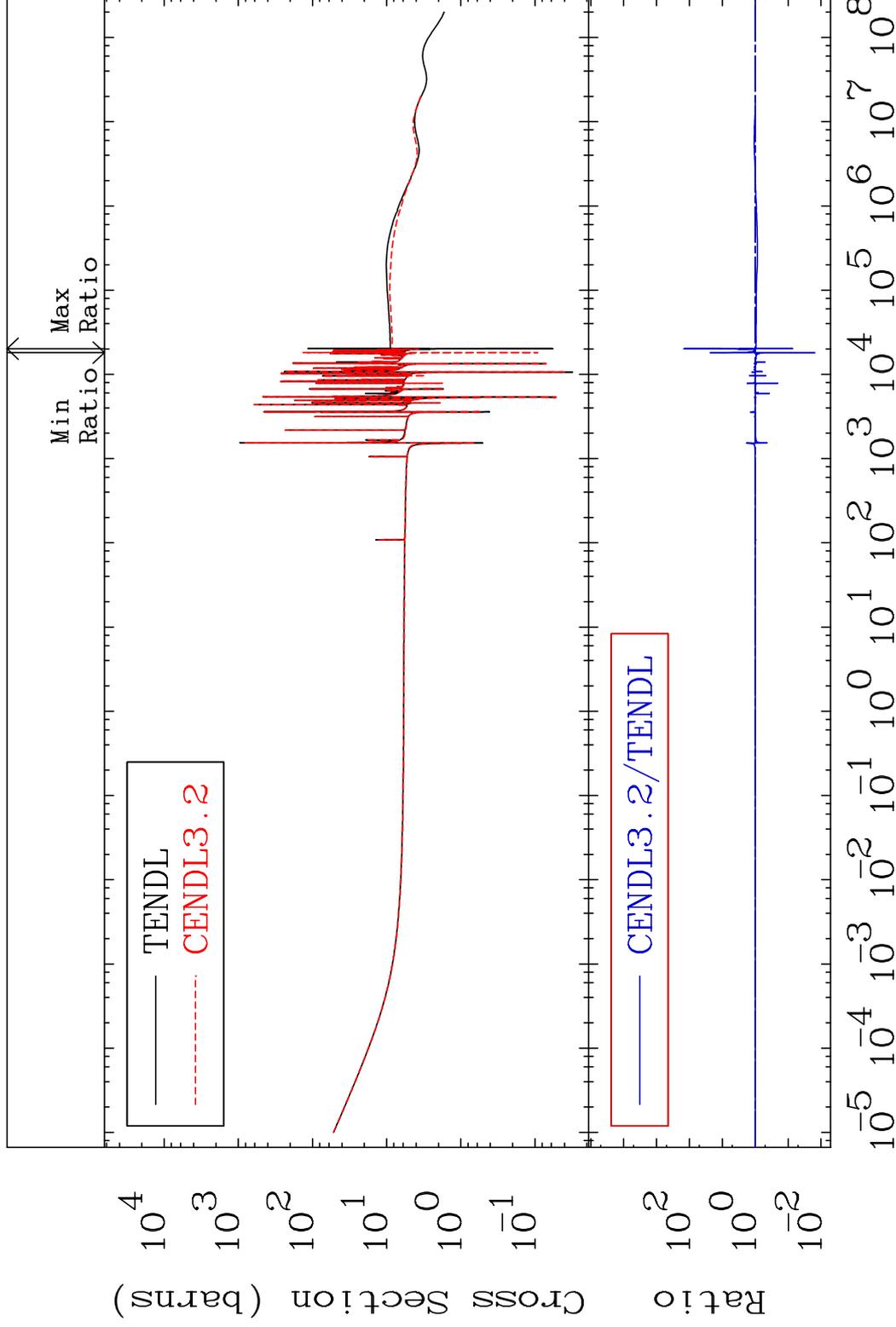
MAT 4231

Total

42-Mo-94

Cross Section

-98.45 To 9999. %



1

Incident Energy (eV)

42-Mo-94

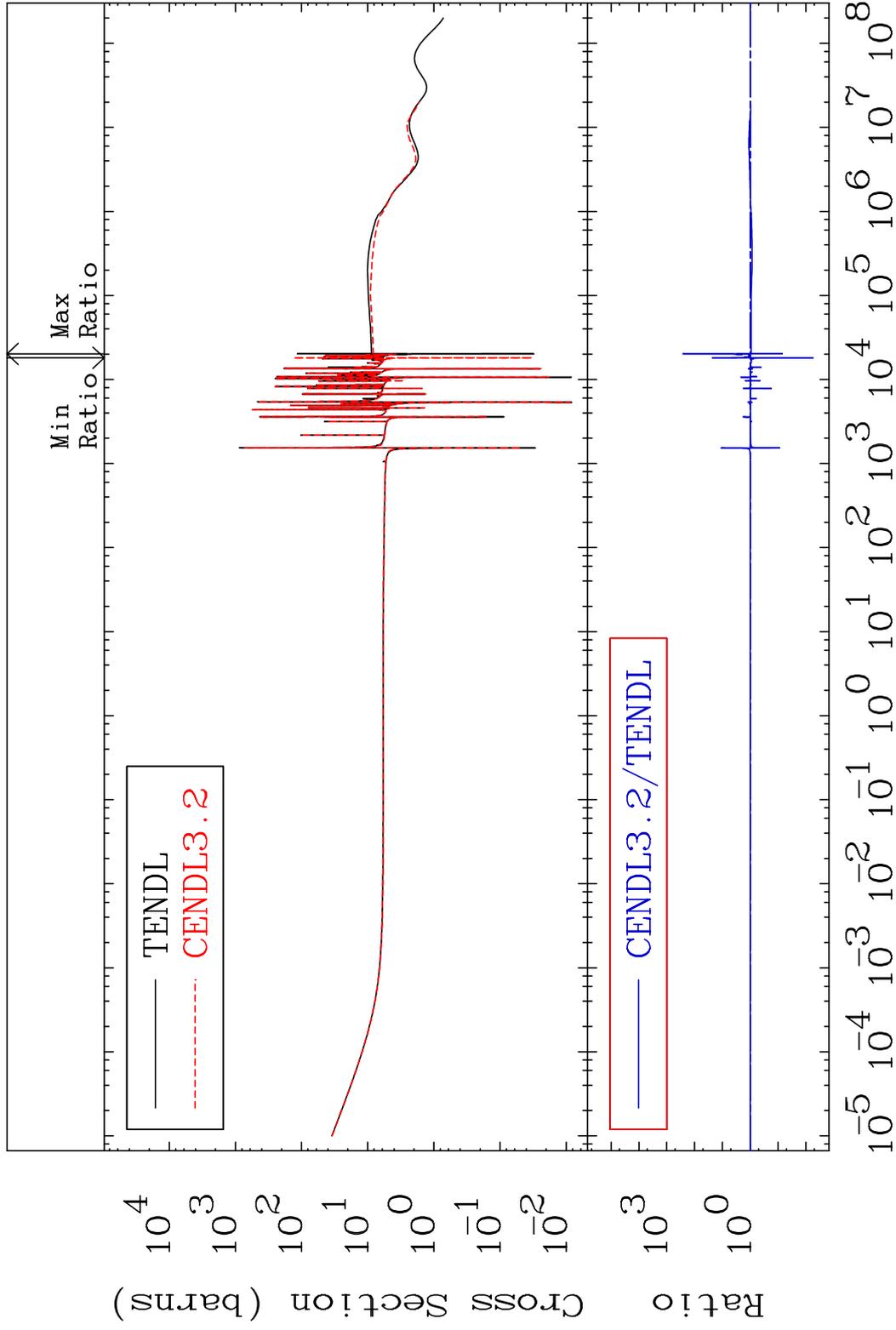
MAT 4231

Elastic

42-Mo-94

Cross Section

-99.45 To 9999. %

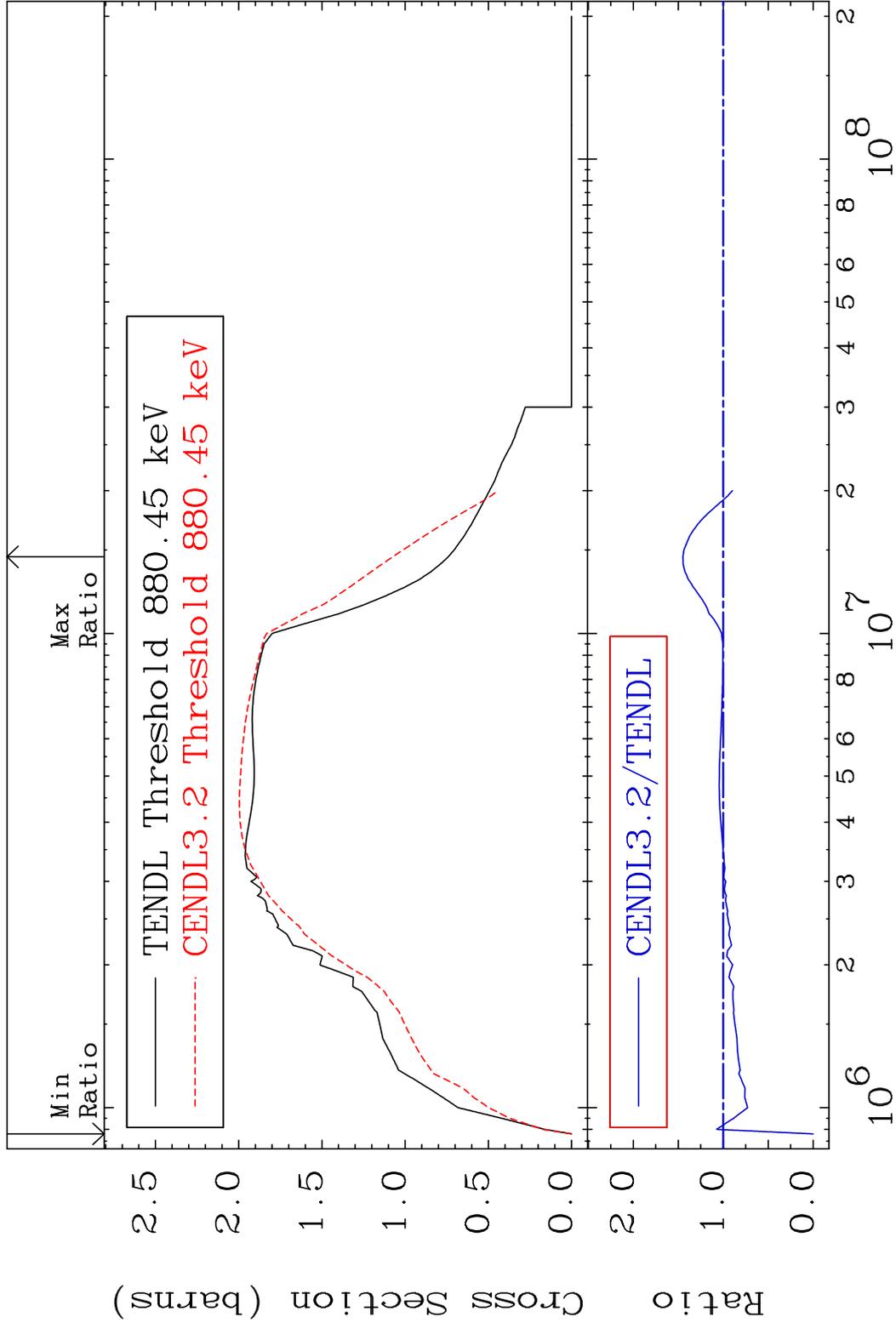


2

Incident Energy (eV)

42-Mo-94

MAT 4231 Inelastic Cross Section -100.0 To 44.91 % 42-Mo-94



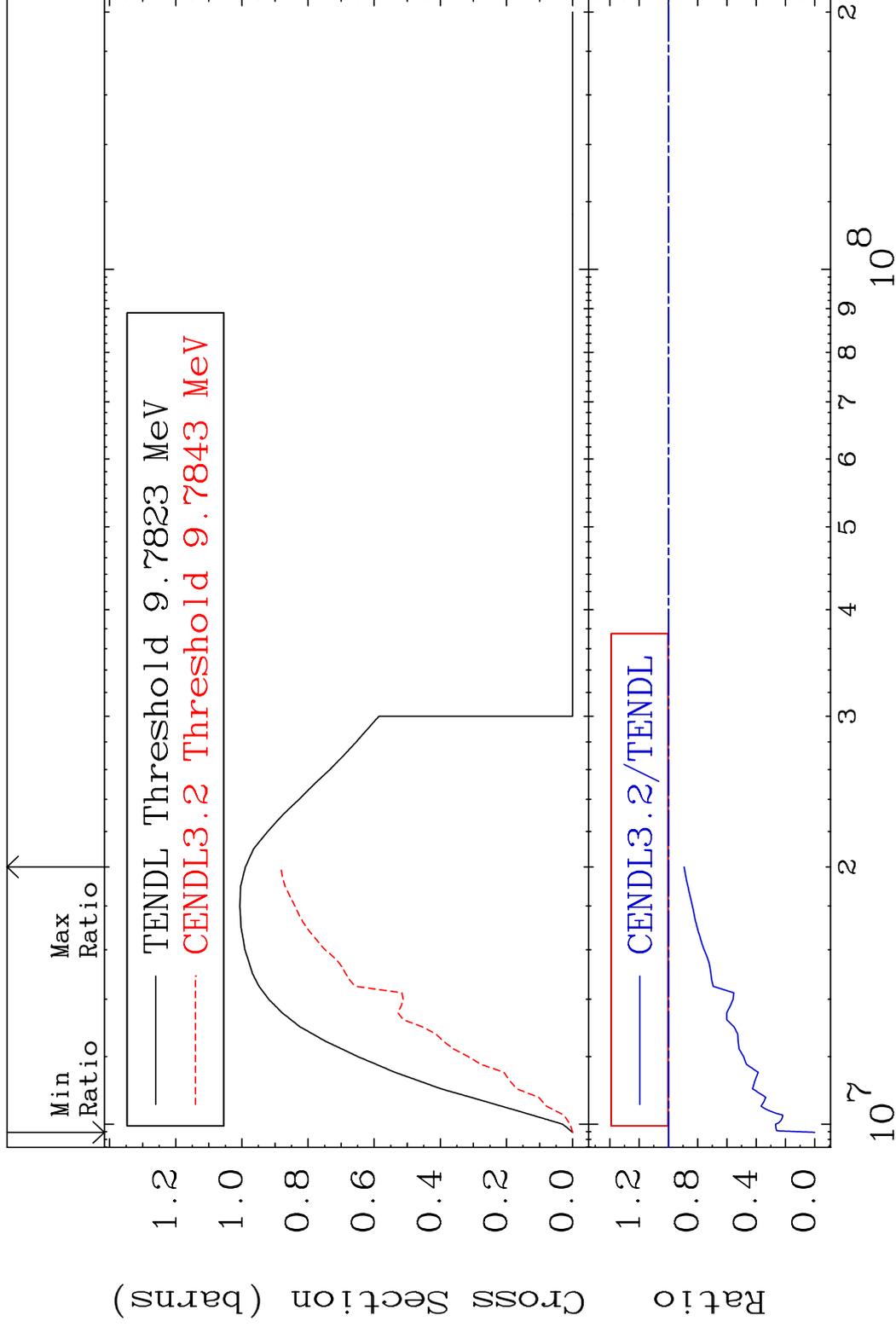
3 Incident Energy (eV) 42-Mo-94

MAT 4231

(n,2n)

42-Mo-94

Cross Section -100.0 To -10.81%



42-Mo-94

Incident Energy (eV)

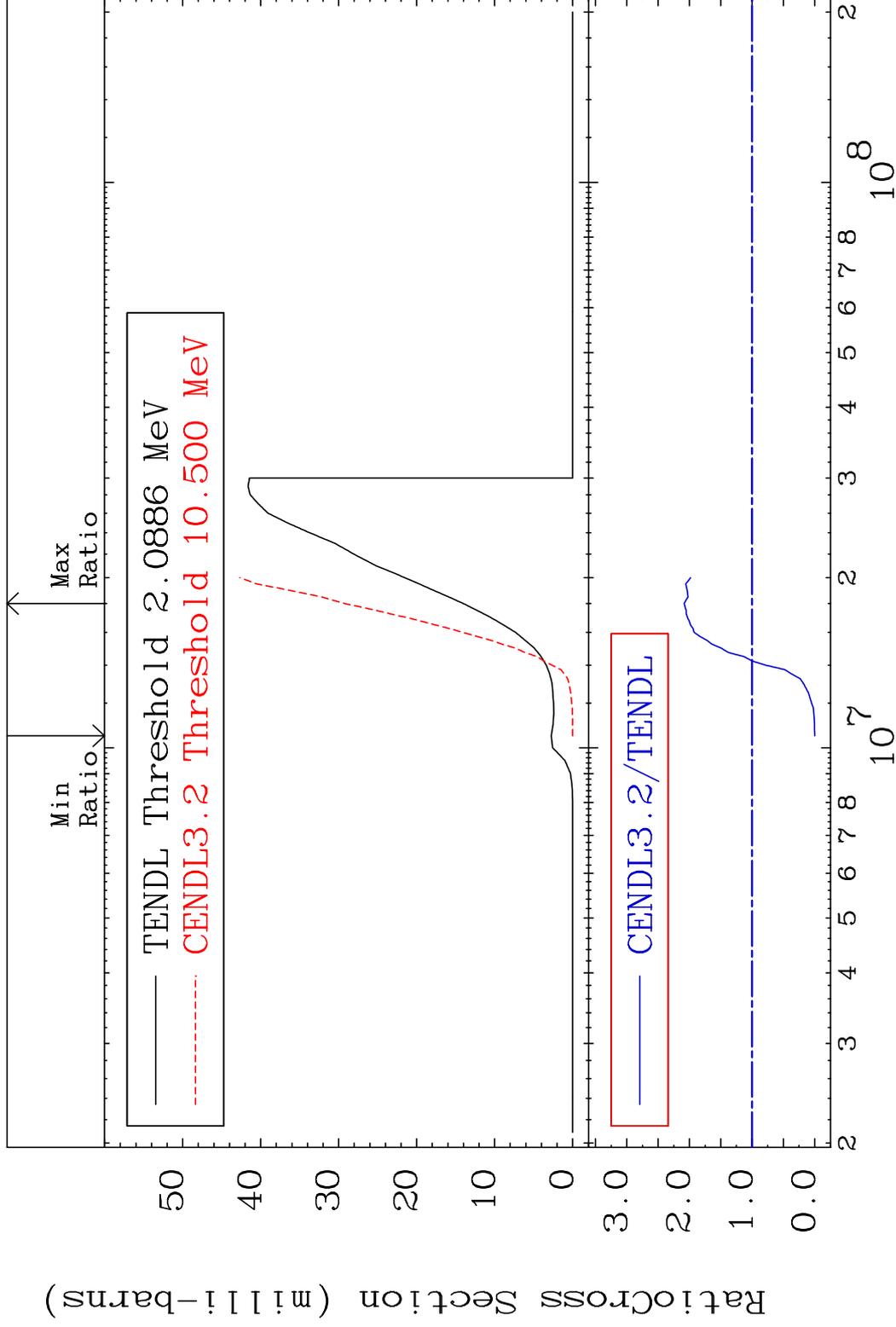
MAT 4231

MAT 4231

(n, n') α

42-Mo-94

Cross Section -100.0 To 108.5 %



5

Incident Energy (eV)

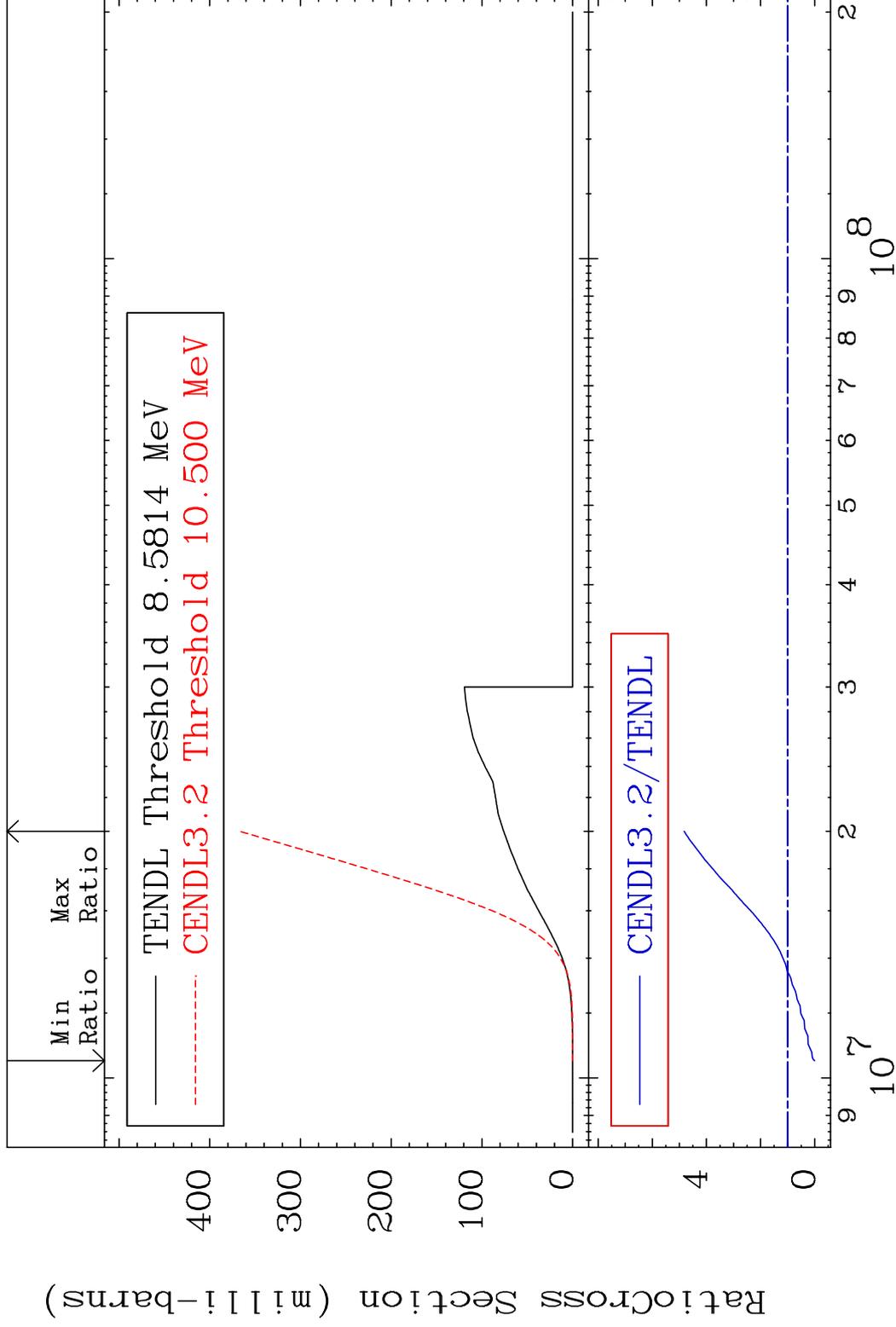
42-Mo-94

MAT 4231

(n, n') p

42-Mo-94

Cross Section -100.0 To 382.3 %

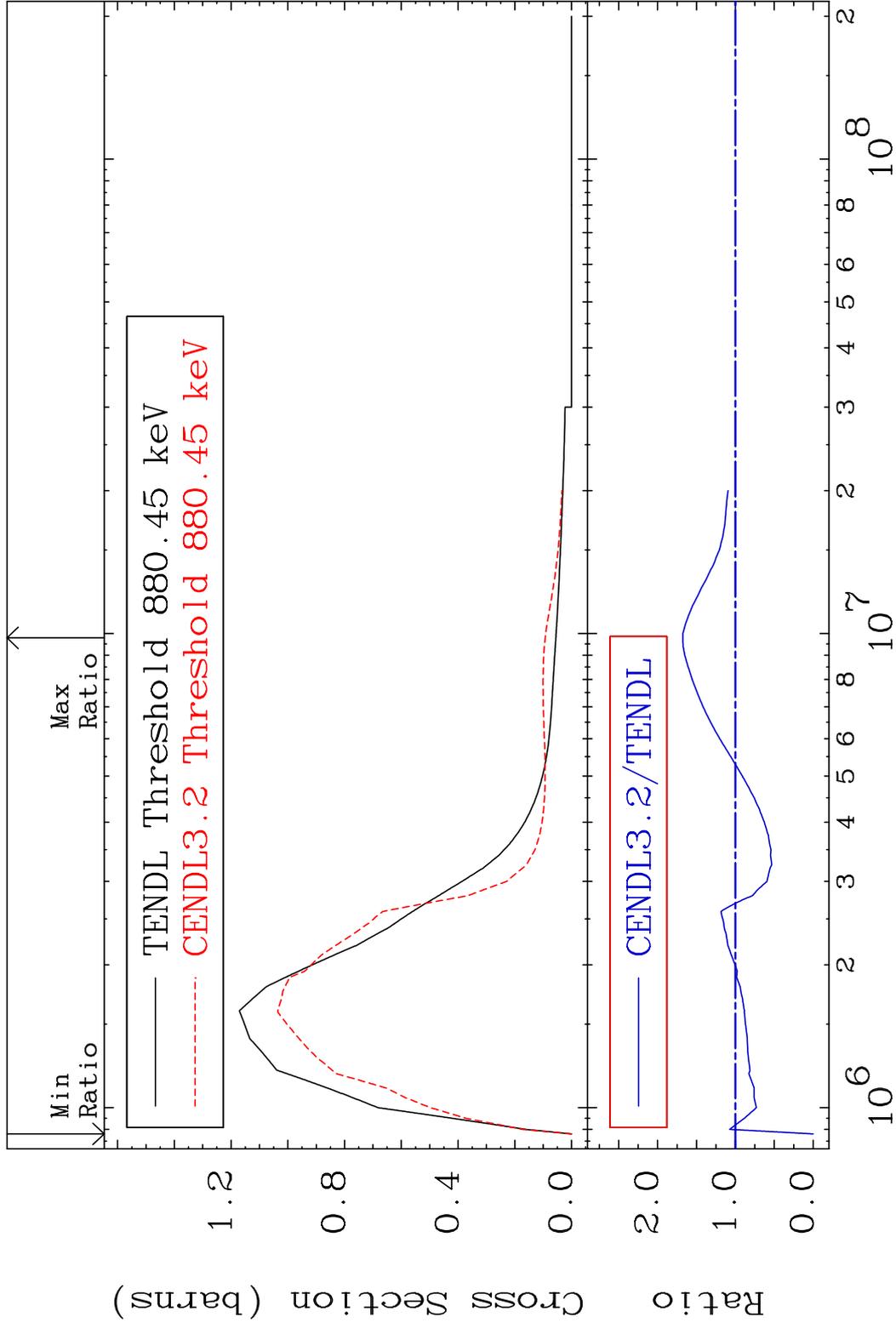


6

Incident Energy (eV)

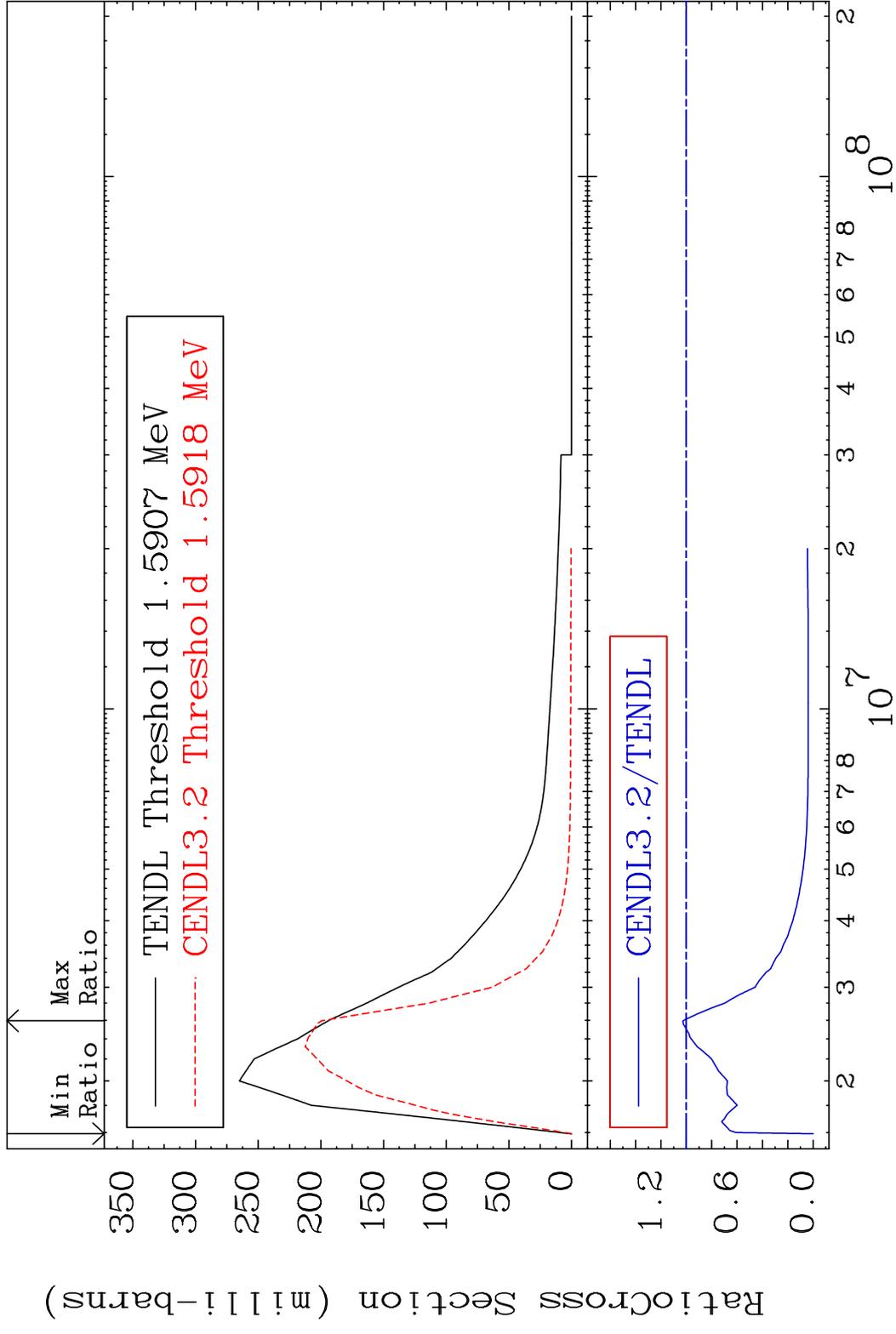
42-Mo-94

MAT 4231 MT= 51 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 67.60 %

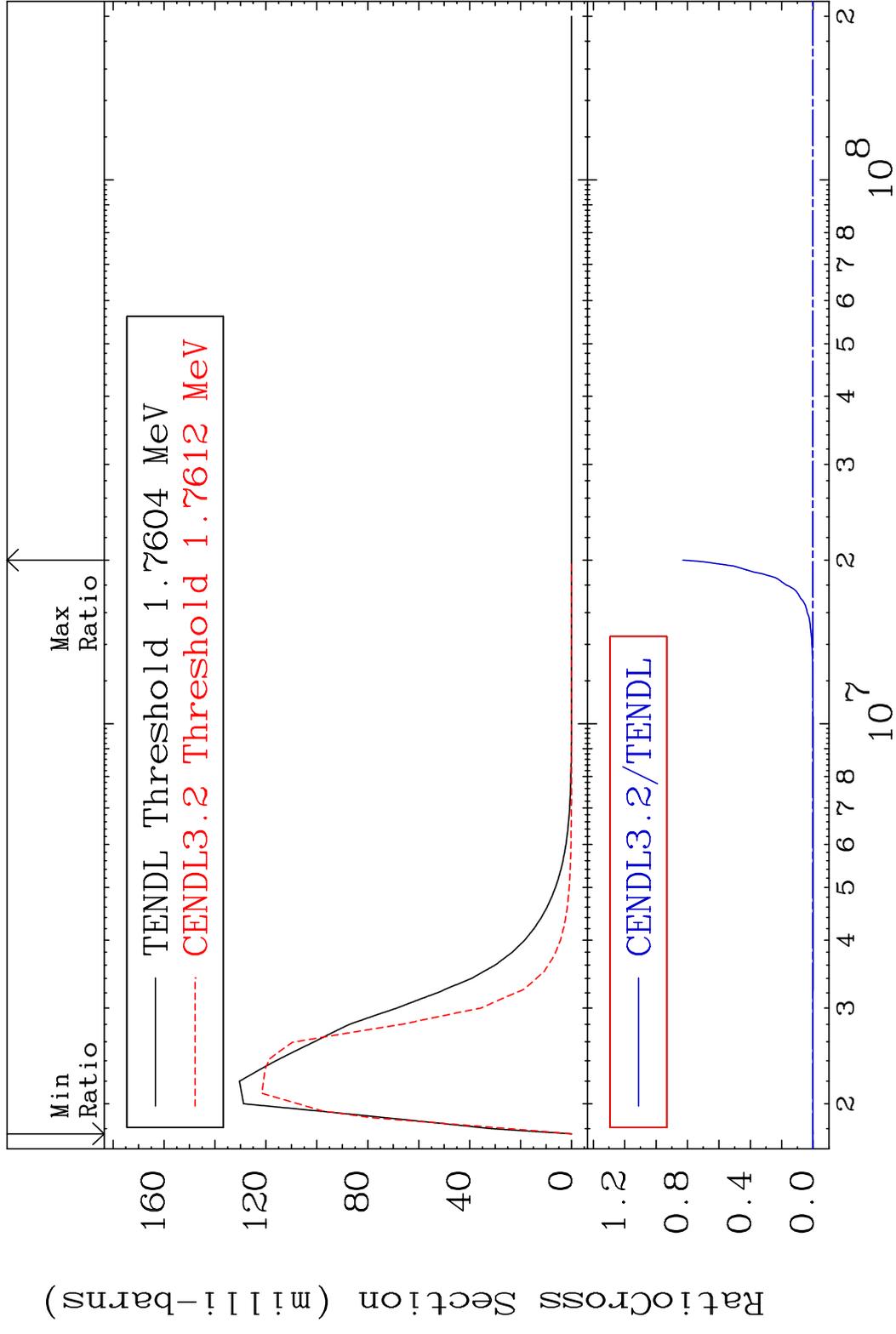


7 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 52 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 2.767 %



MAT 4231 MT= 53 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

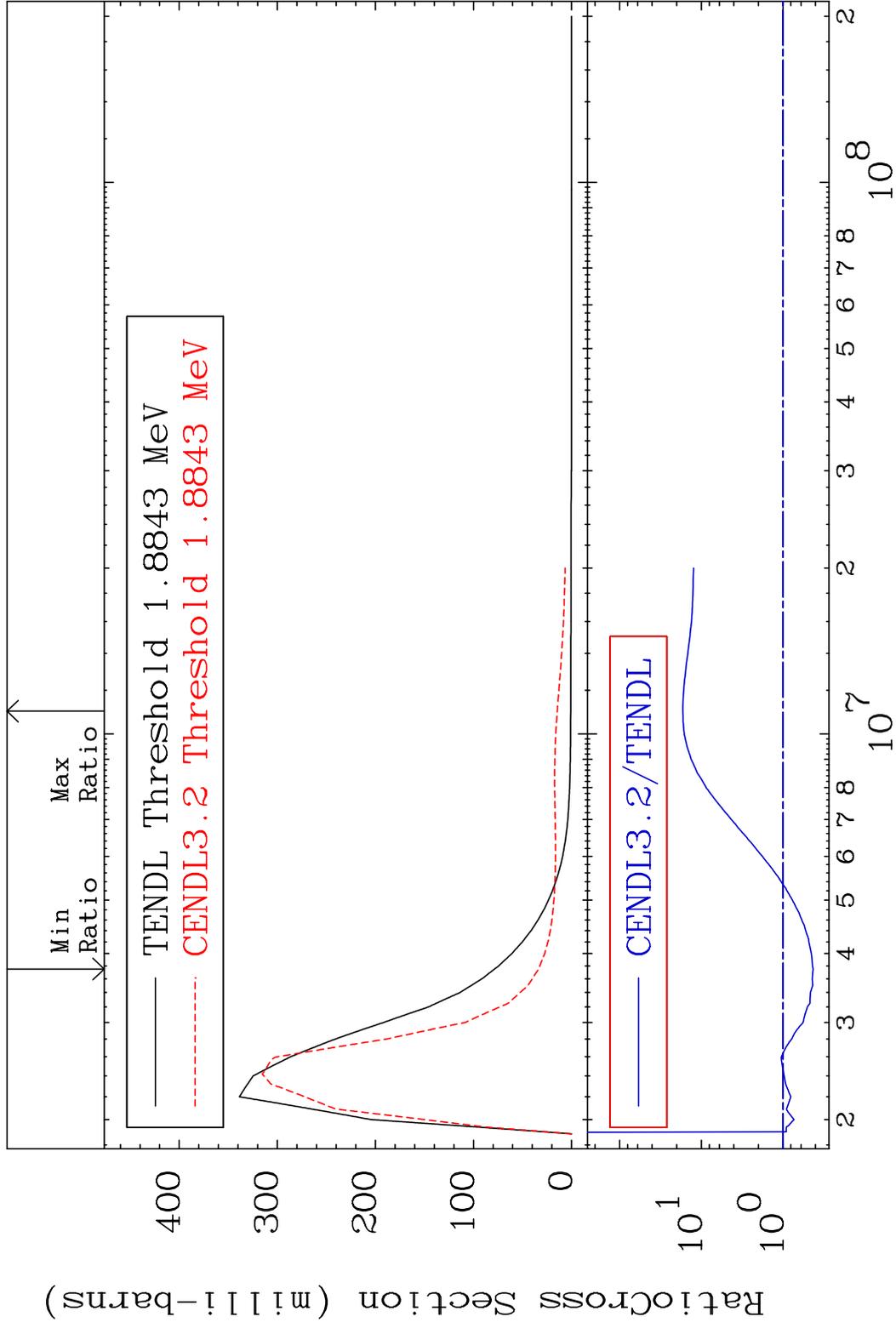


MAT 4231

MT= 54 (n,n') Level

42-Mo-94

Cross Section -57.22 To 1585. %

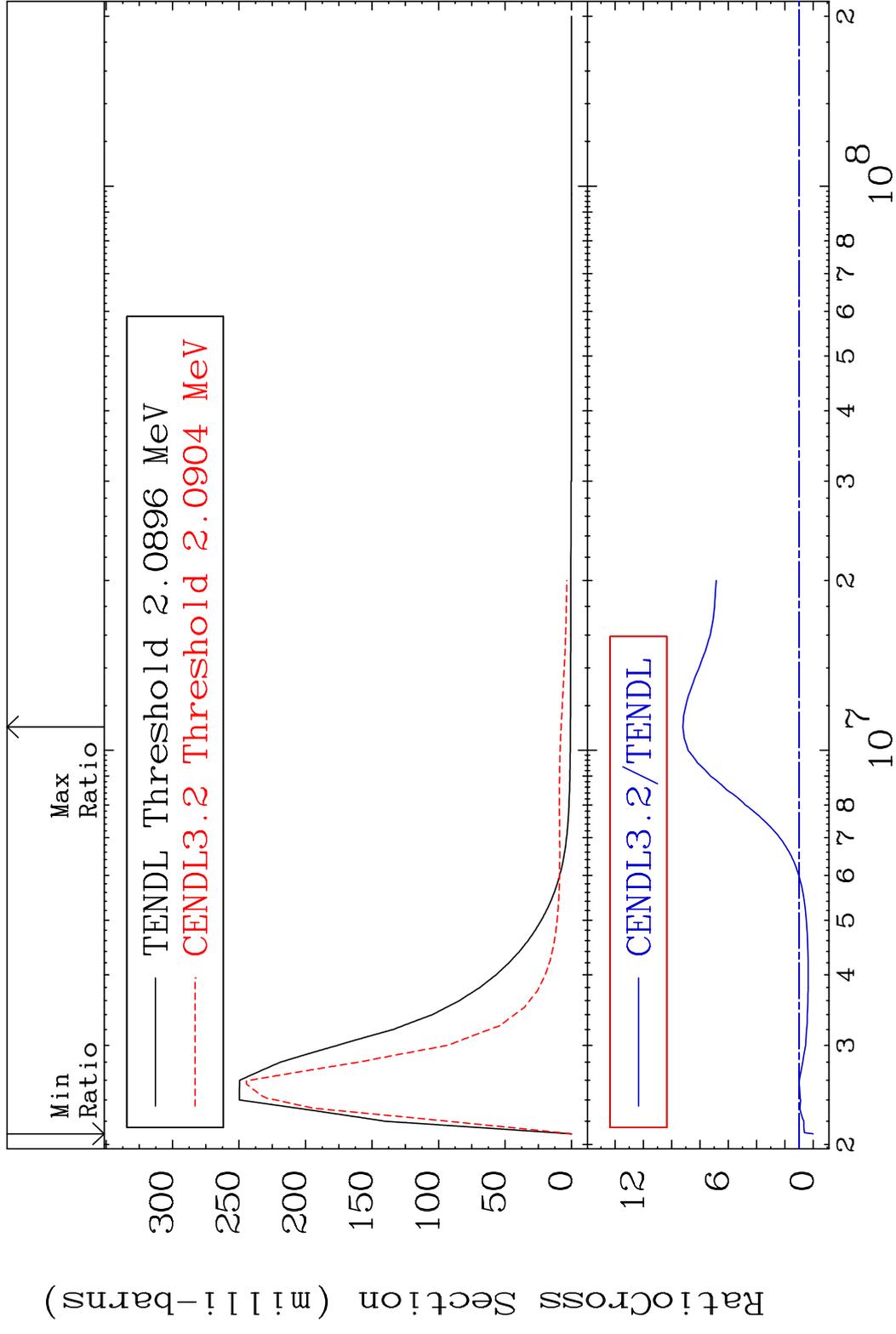


10

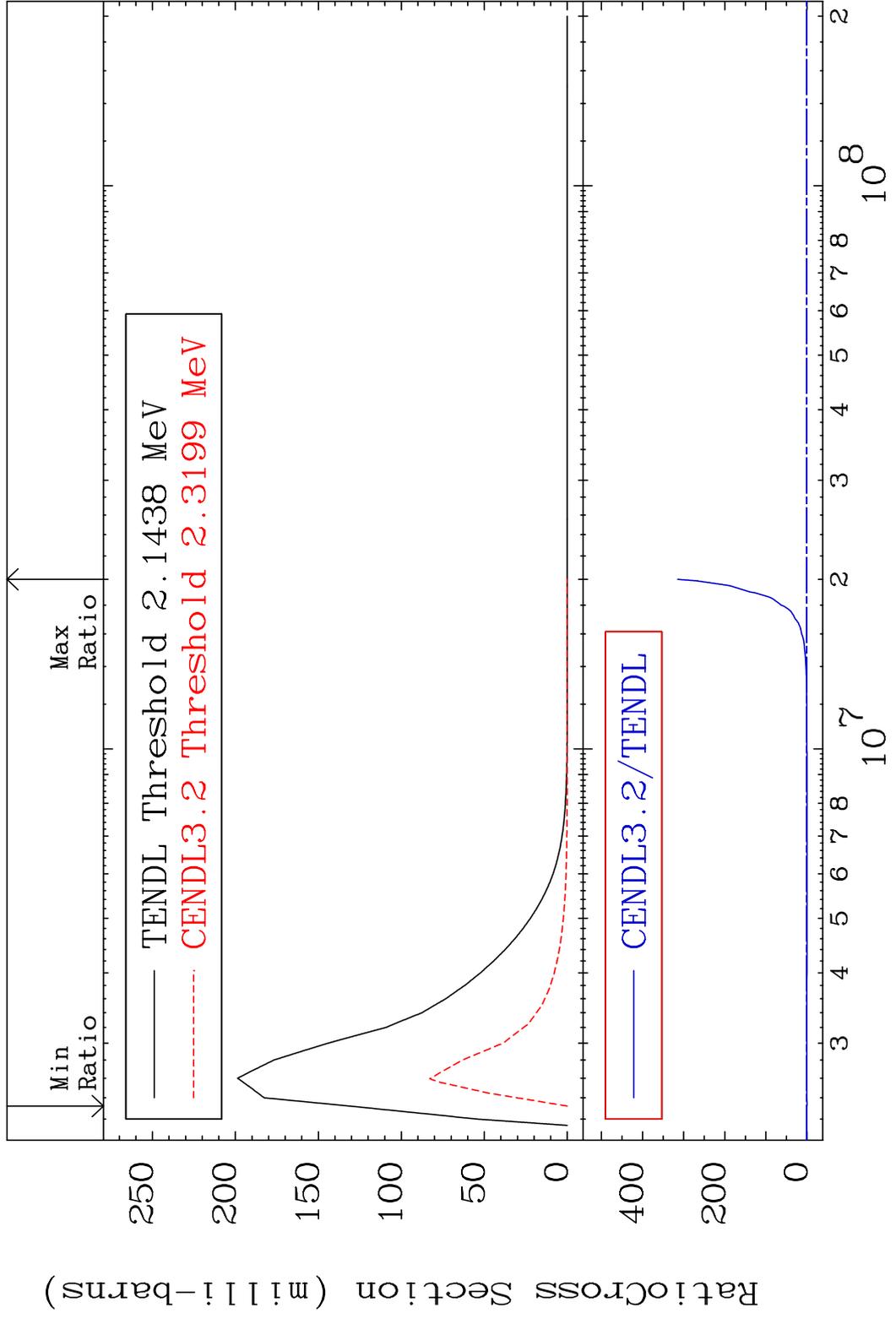
Incident Energy (eV)

42-Mo-94

MAT 4231 MT= 55 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 821.5 %



MAT 4231 MT= 56 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

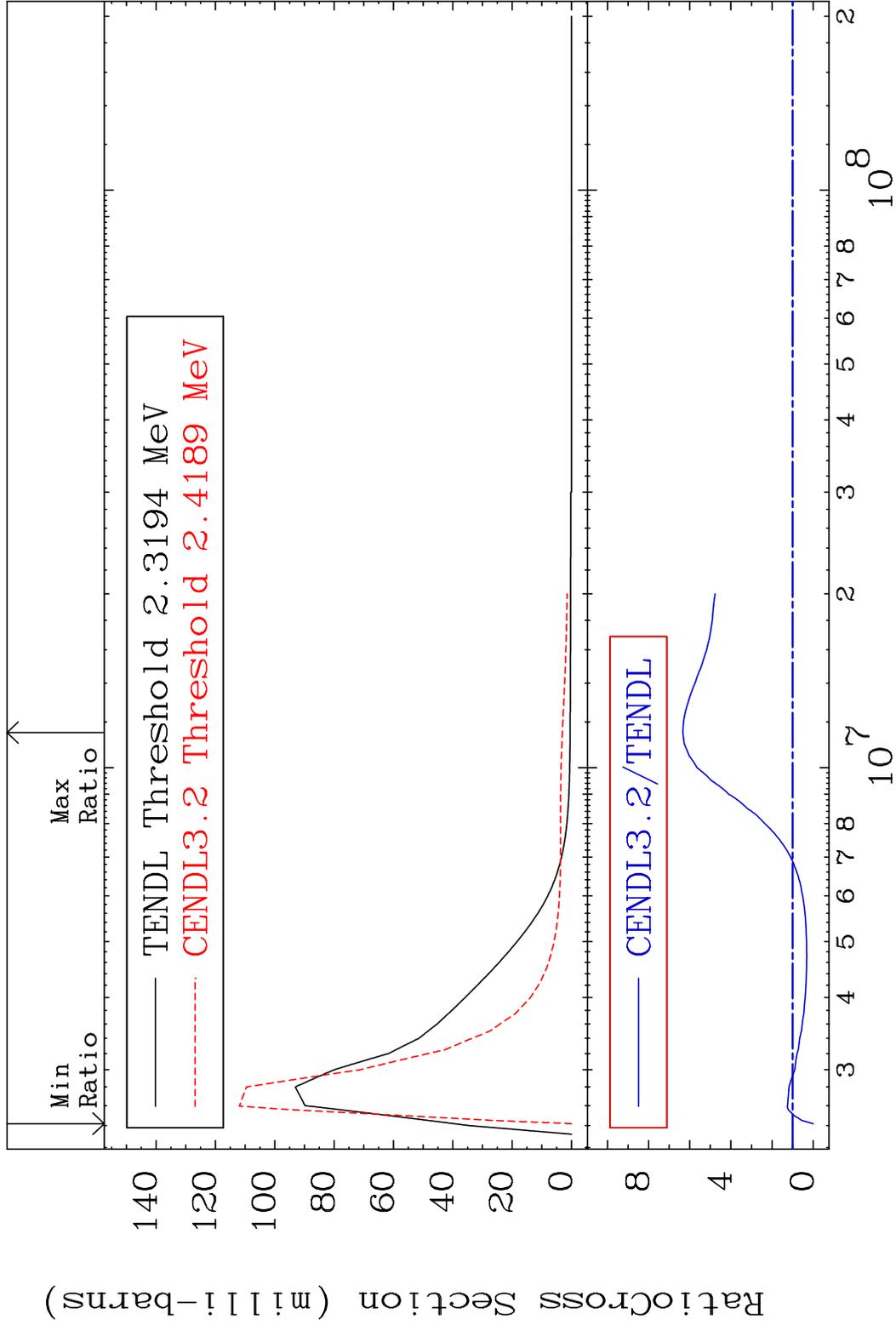


MAT 4231

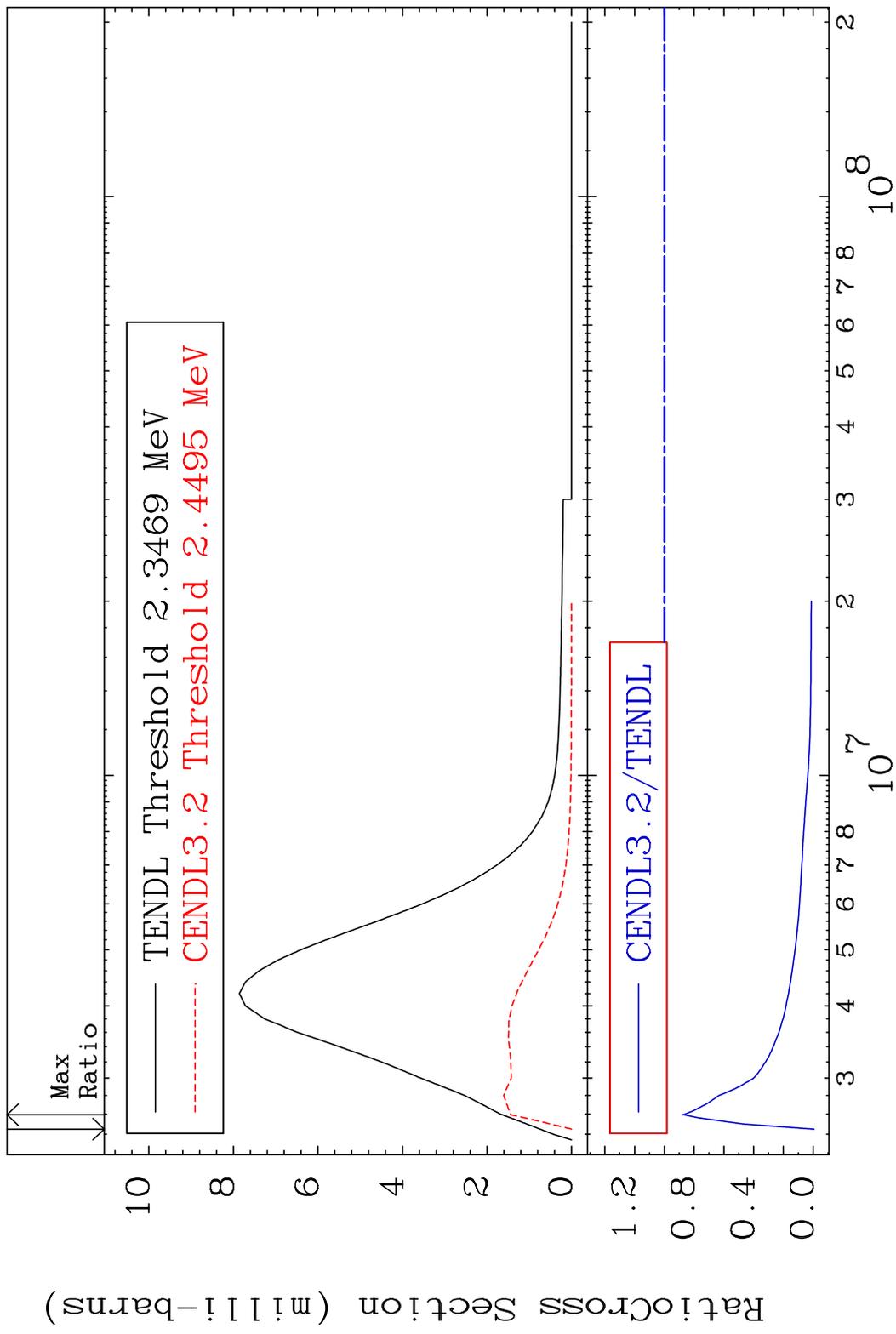
MT= 57 (n, n') Level

42-Mo-94

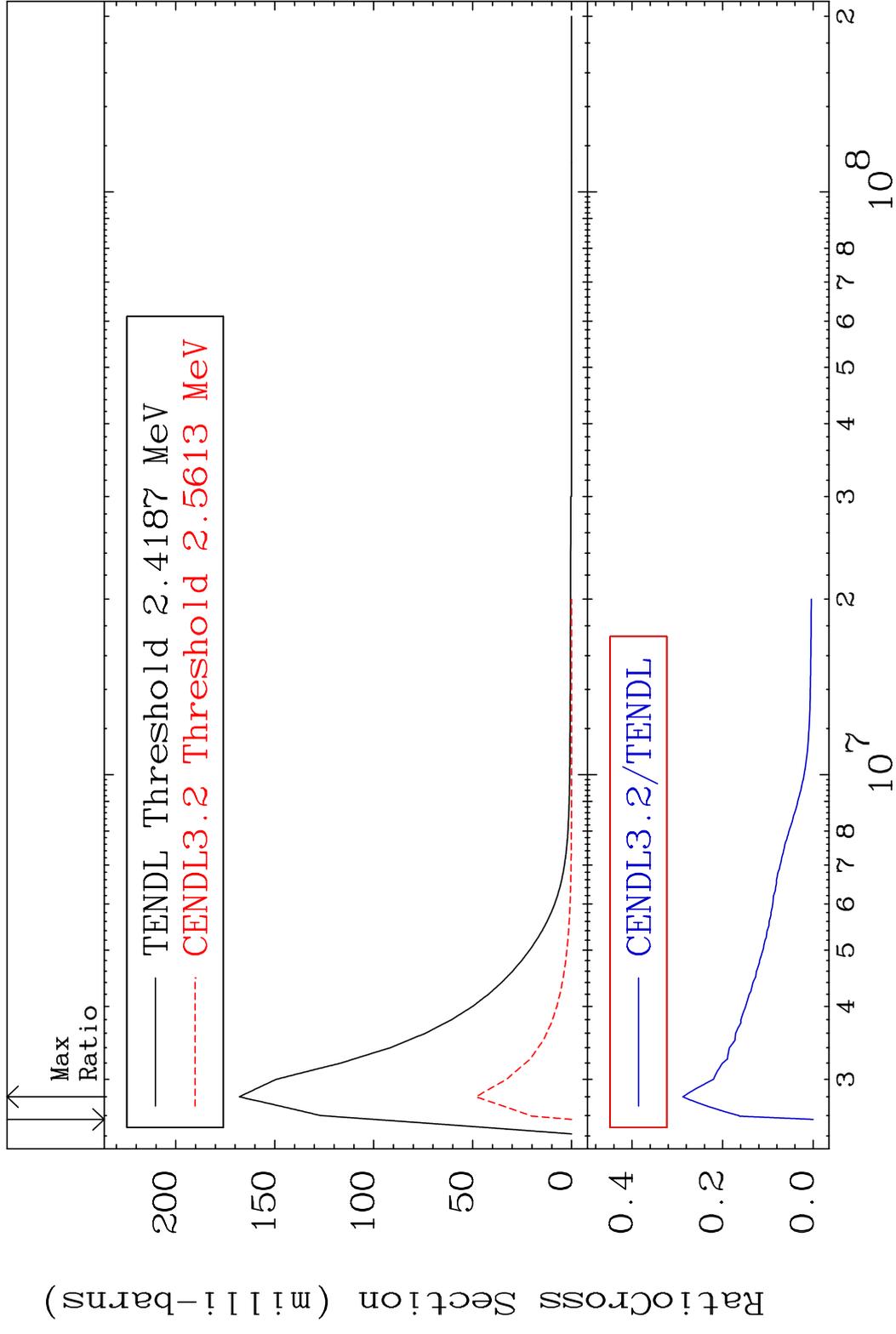
Cross Section -100.0 To 533.7 %



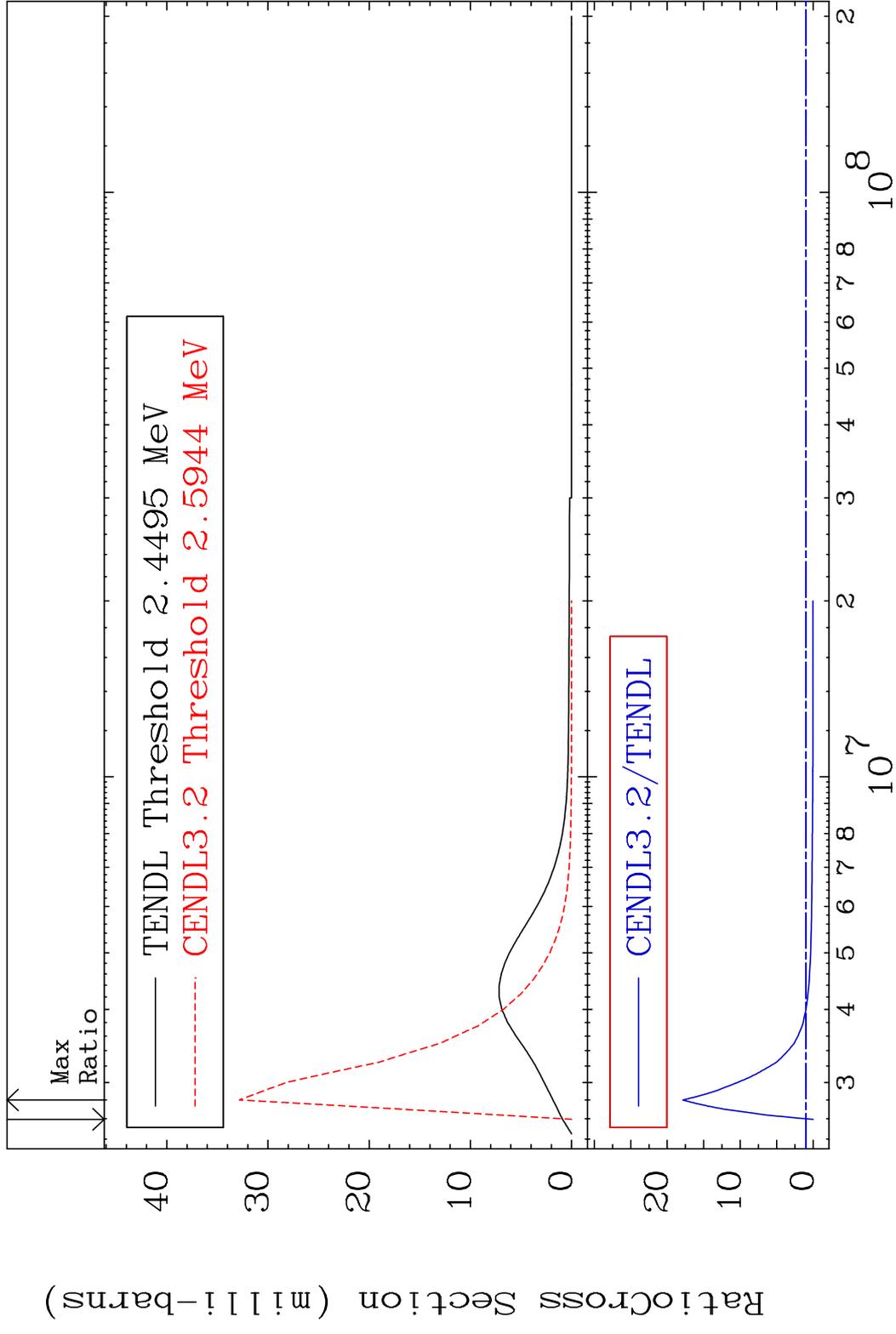
MAT 4231 MT= 58 (n,n') Level 42-Mo-94
 Cross Section -100.0 To -12.42%



MAT 4231 MT= 59 (n,n') Level 42-Mo-94
 Cross Section -100.0 To -71.22%



MAT 4231 MT= 60 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 1686. %

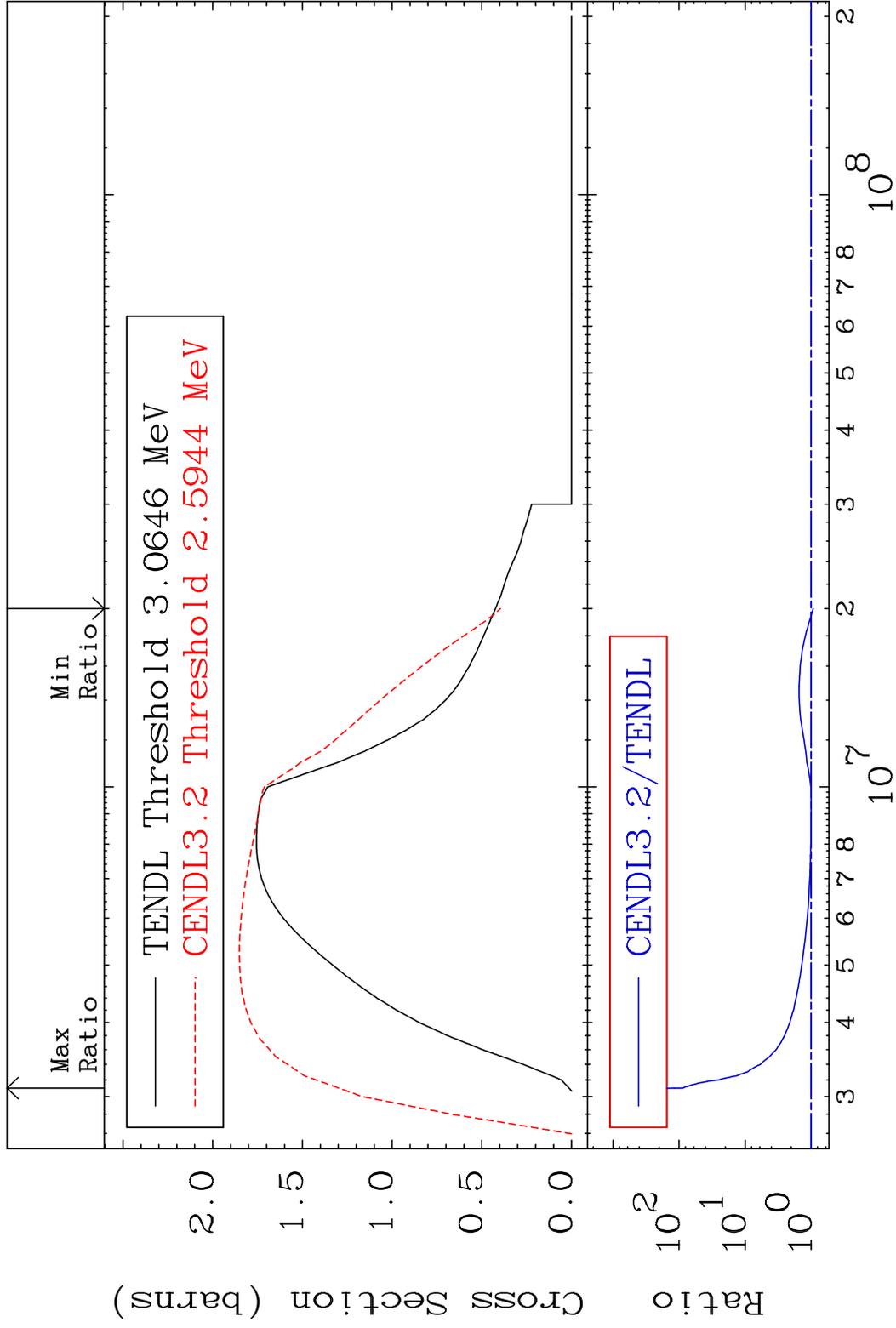


MAT 4231

(n, n') Continuum

42-Mo-94

Cross Section -6.627 To 8673. %



17

Incident Energy (eV)

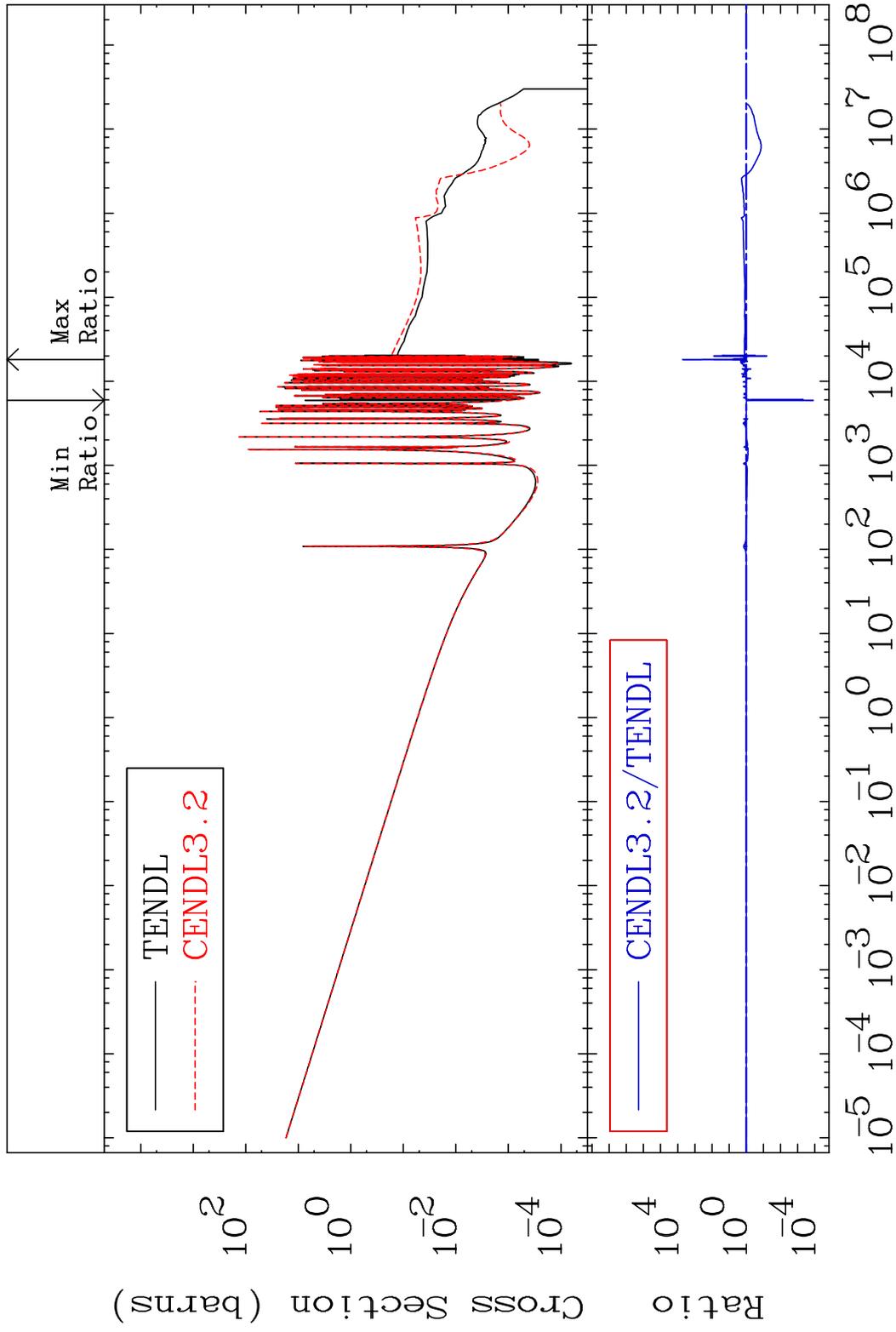
42-Mo-94

MAT 4231

(n, γ)

42-Mo-94

Cross Section -99.99 To 9999. %



18

Incident Energy (eV)

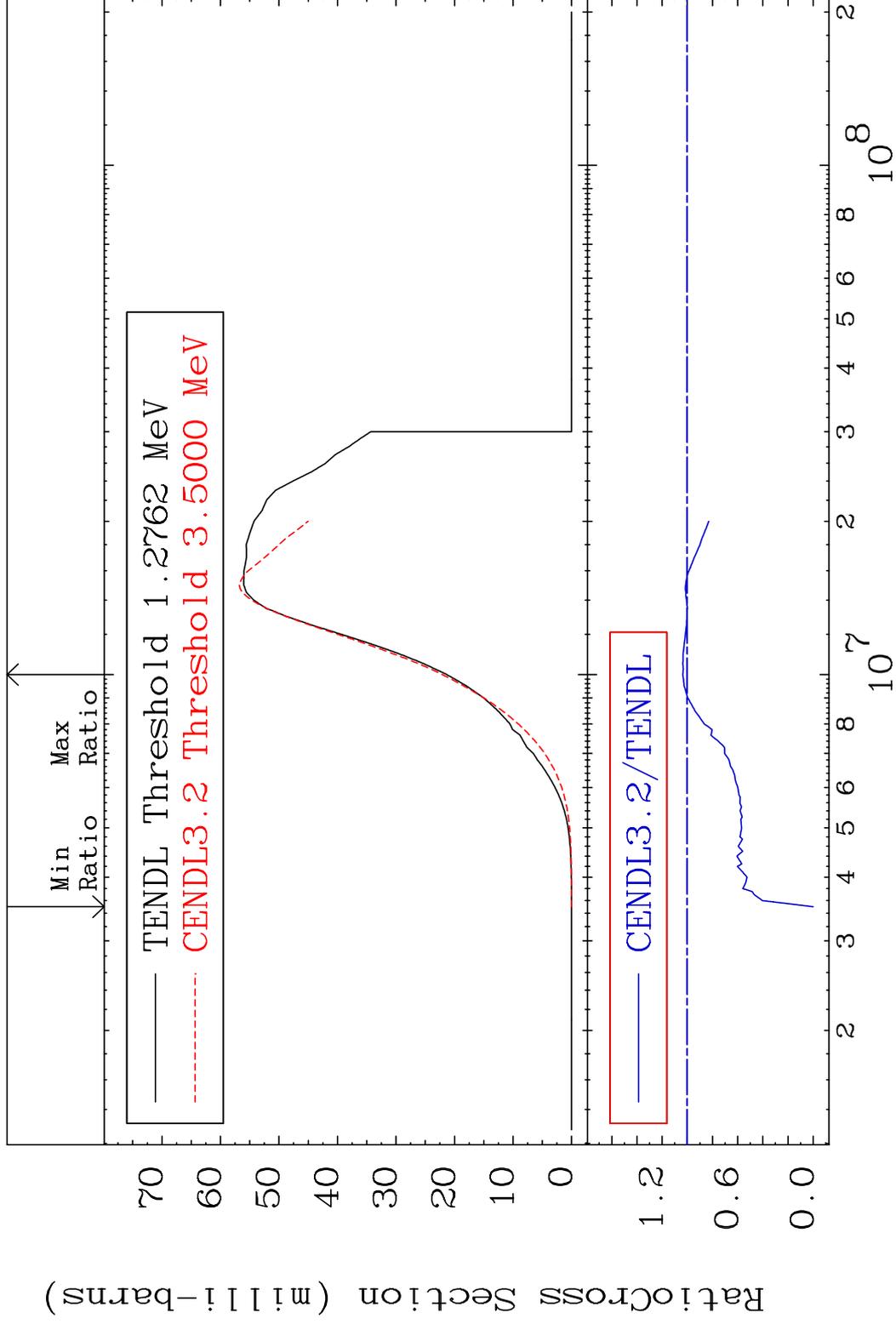
42-Mo-94

MAT 4231

(n, p)

42-Mo-94

Cross Section -100.0 To 3.552 %

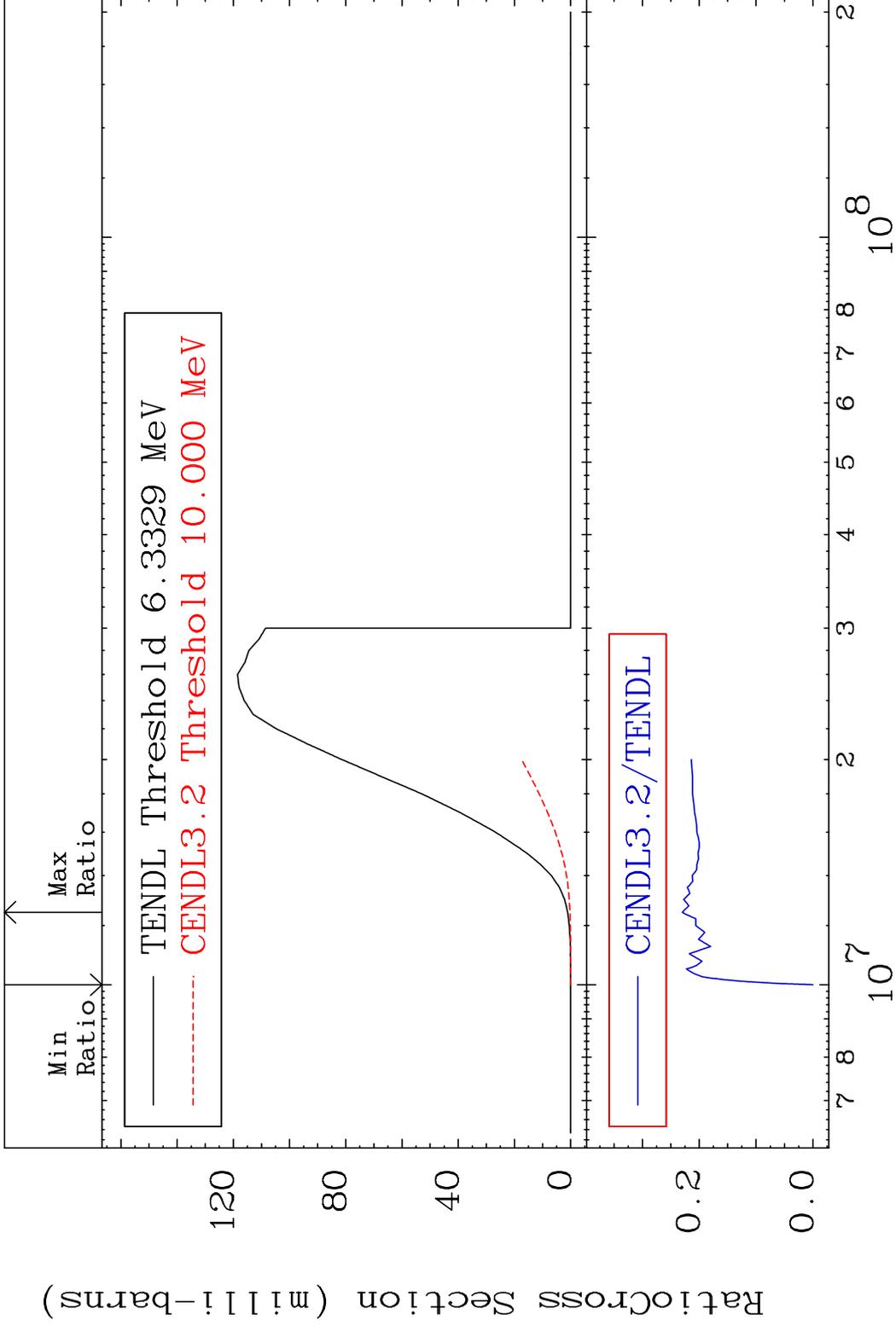


MAT 4231

(n,d)

42-Mo-94

Cross Section -100.0 To -77.00%



20

Incident Energy (eV)

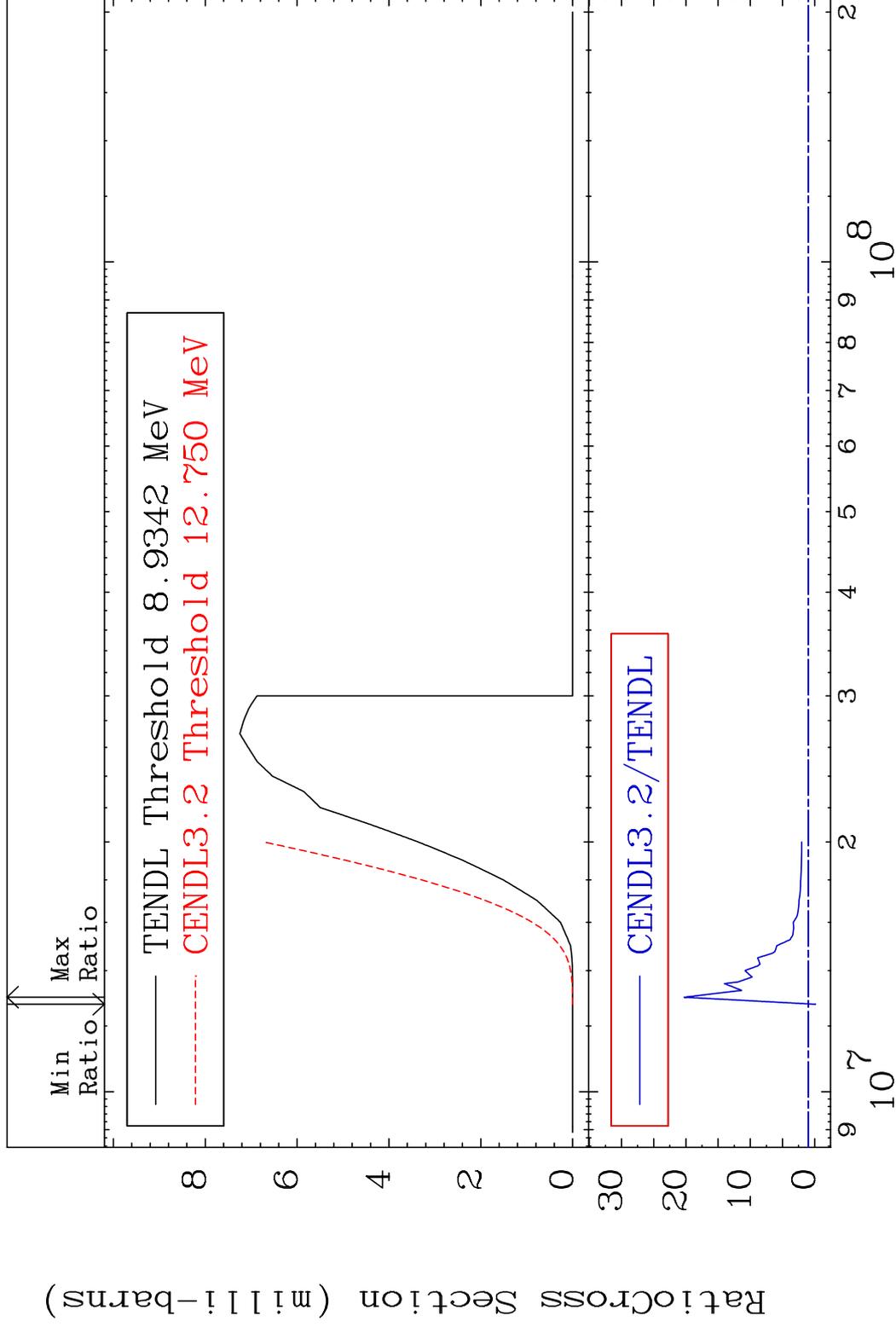
42-Mo-94

MAT 4231

(n, t)

42-Mo-94

Cross Section -100.0 To 1928. %



21

Incident Energy (eV)

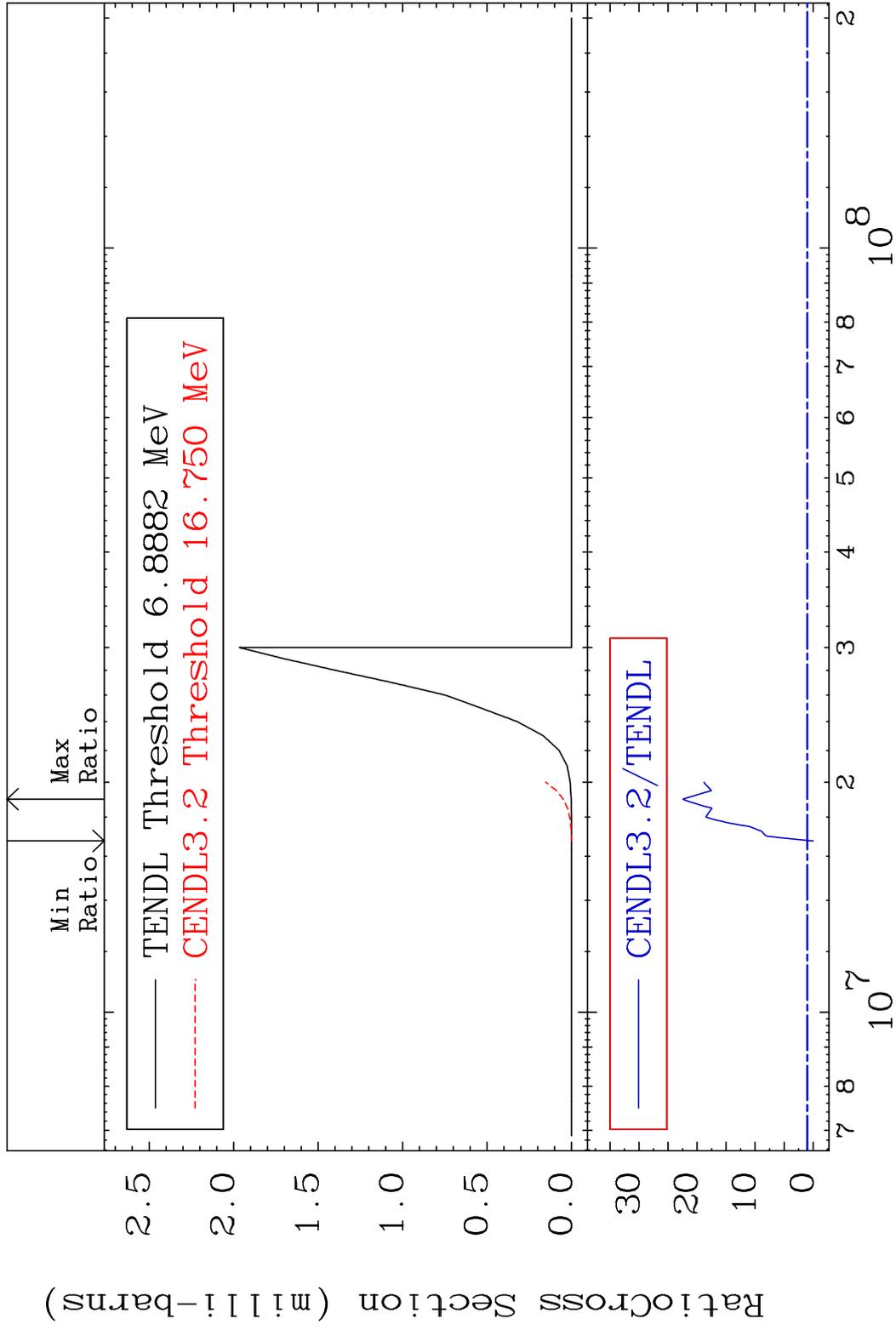
42-Mo-94

MAT 4231

(n, He-3)

42-Mo-94

Cross Section -100.0 To 2145. %



22

Incident Energy (eV)

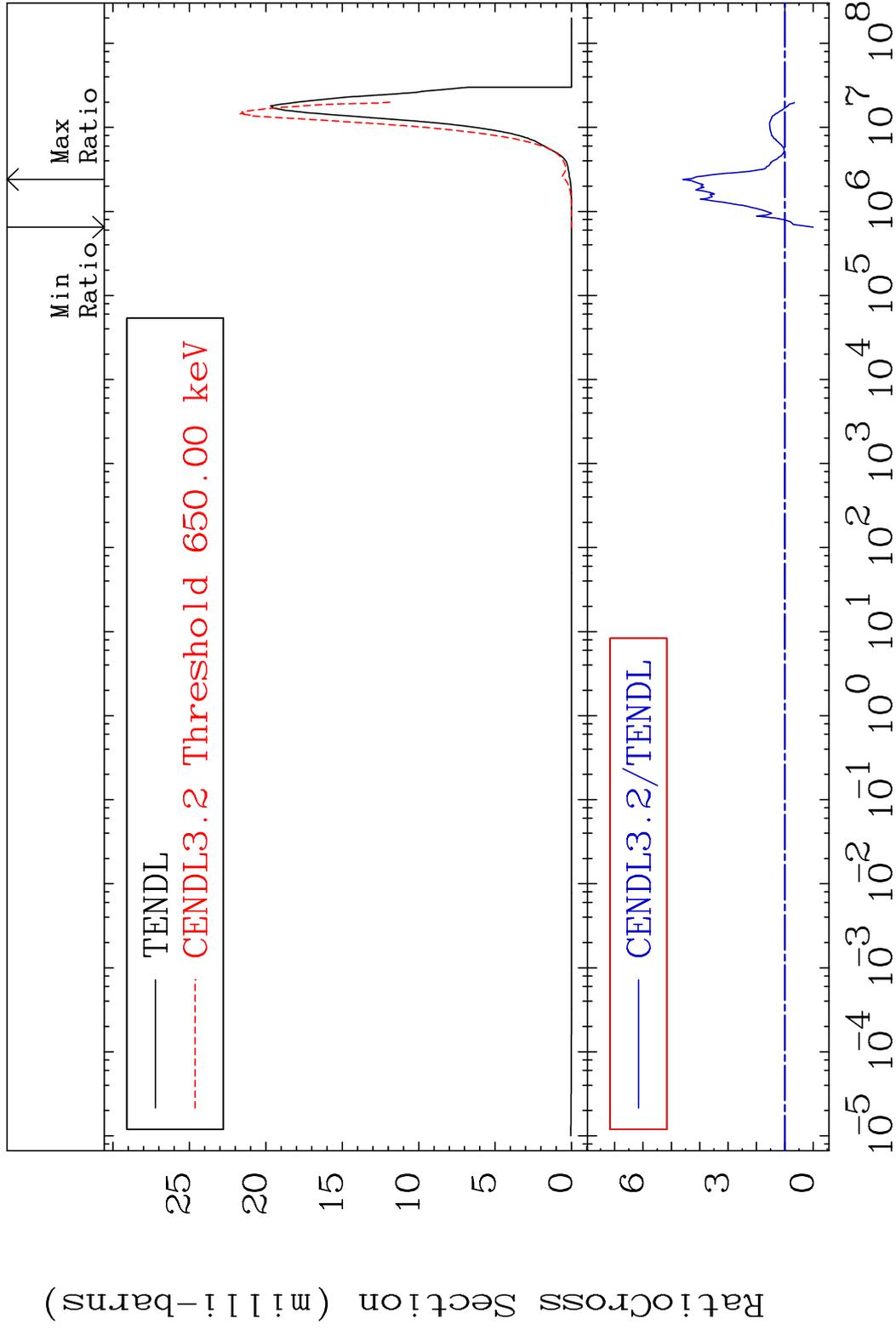
42-Mo-94

MAT 4231

(n, α)

42-Mo-94

Cross Section -100.0 To 359.6 %



23

Incident Energy (eV)

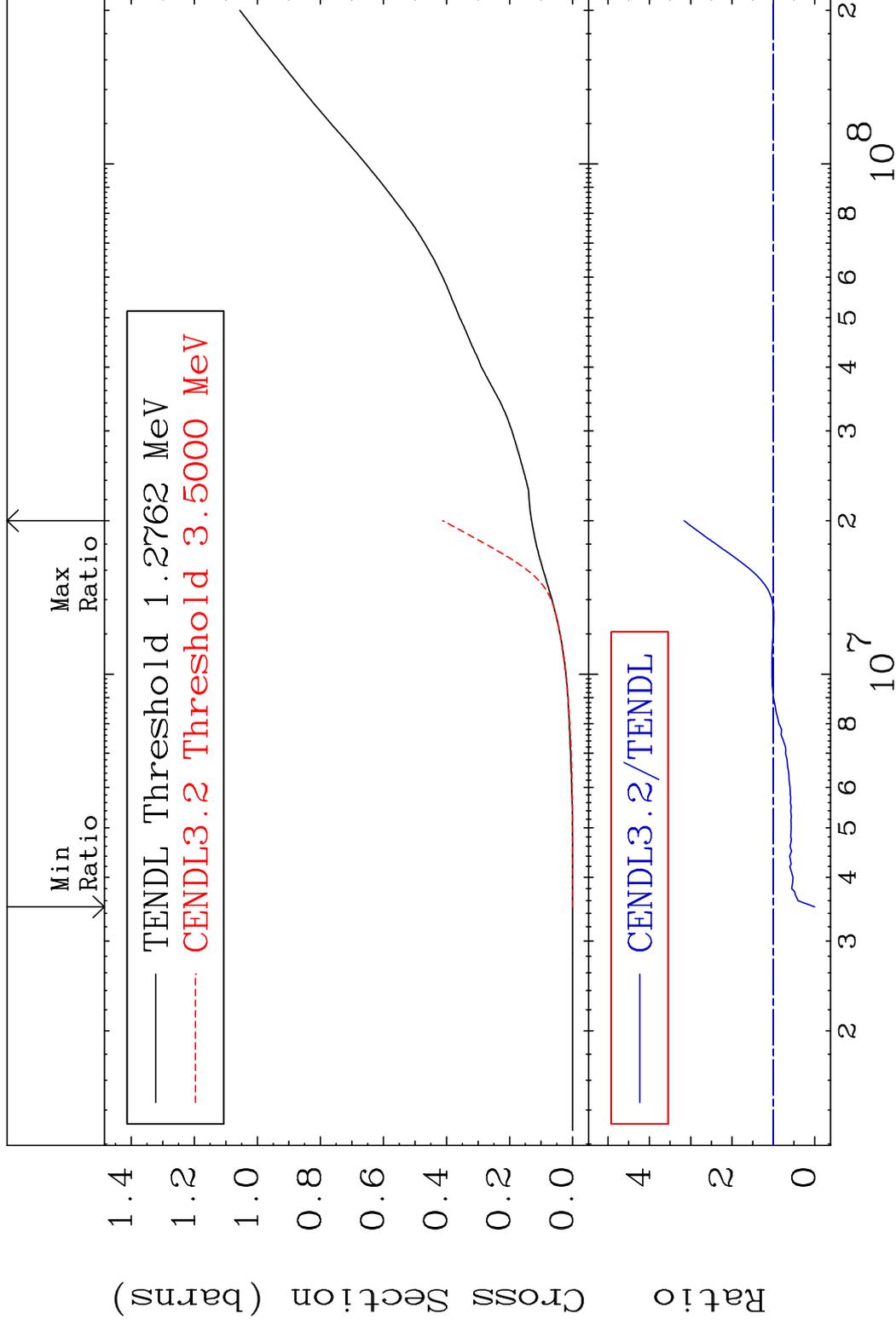
42-Mo-94

MAT 4231

Hydrogen Production

42-Mo-94

Cross Section -100.0 To 215.9 %



24

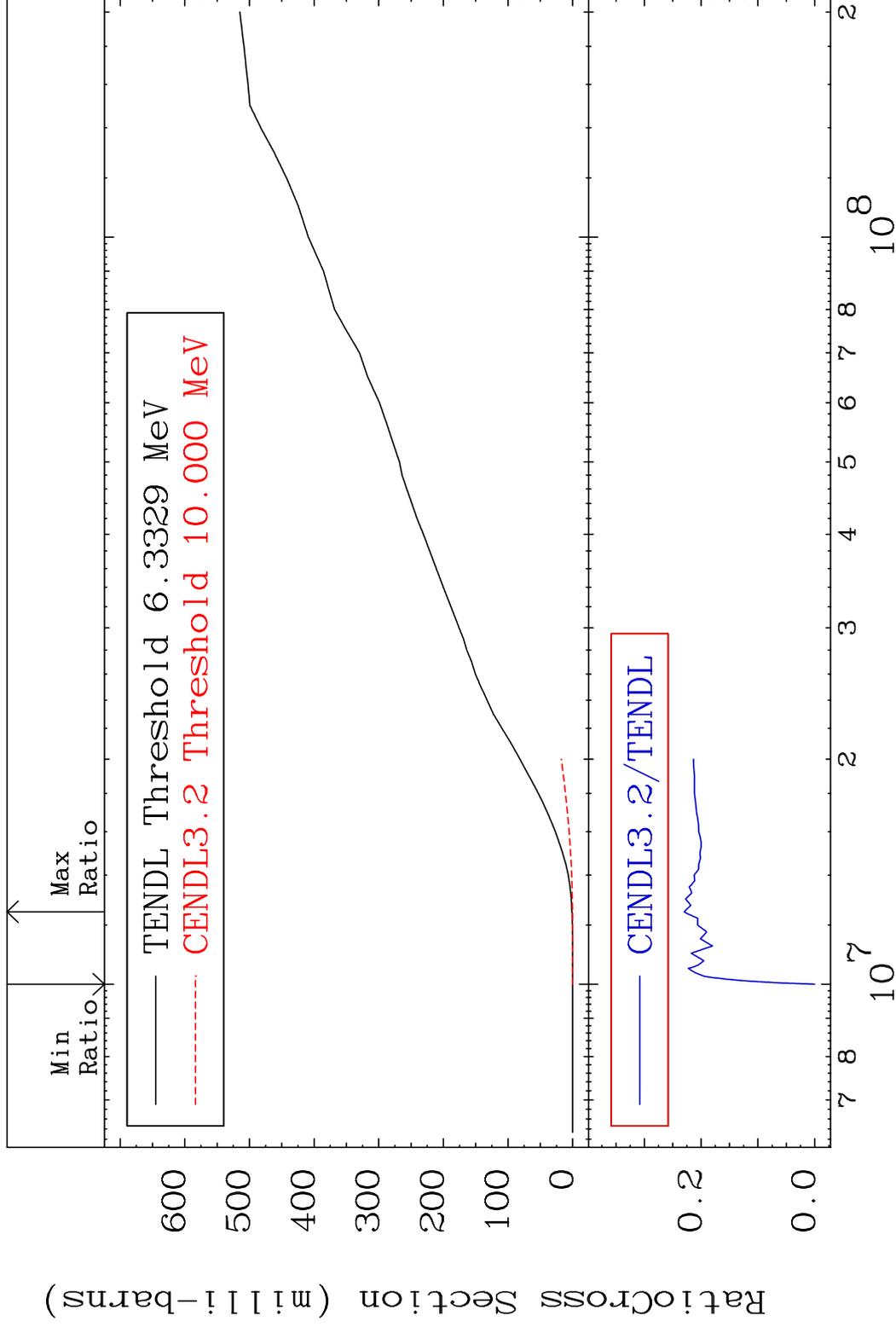
Incident Energy (eV)

42-Mo-94

MAT 4231

Deuterium Production 42-Mo-94

Cross Section -100.0 To -77.00%



25

Incident Energy (eV)

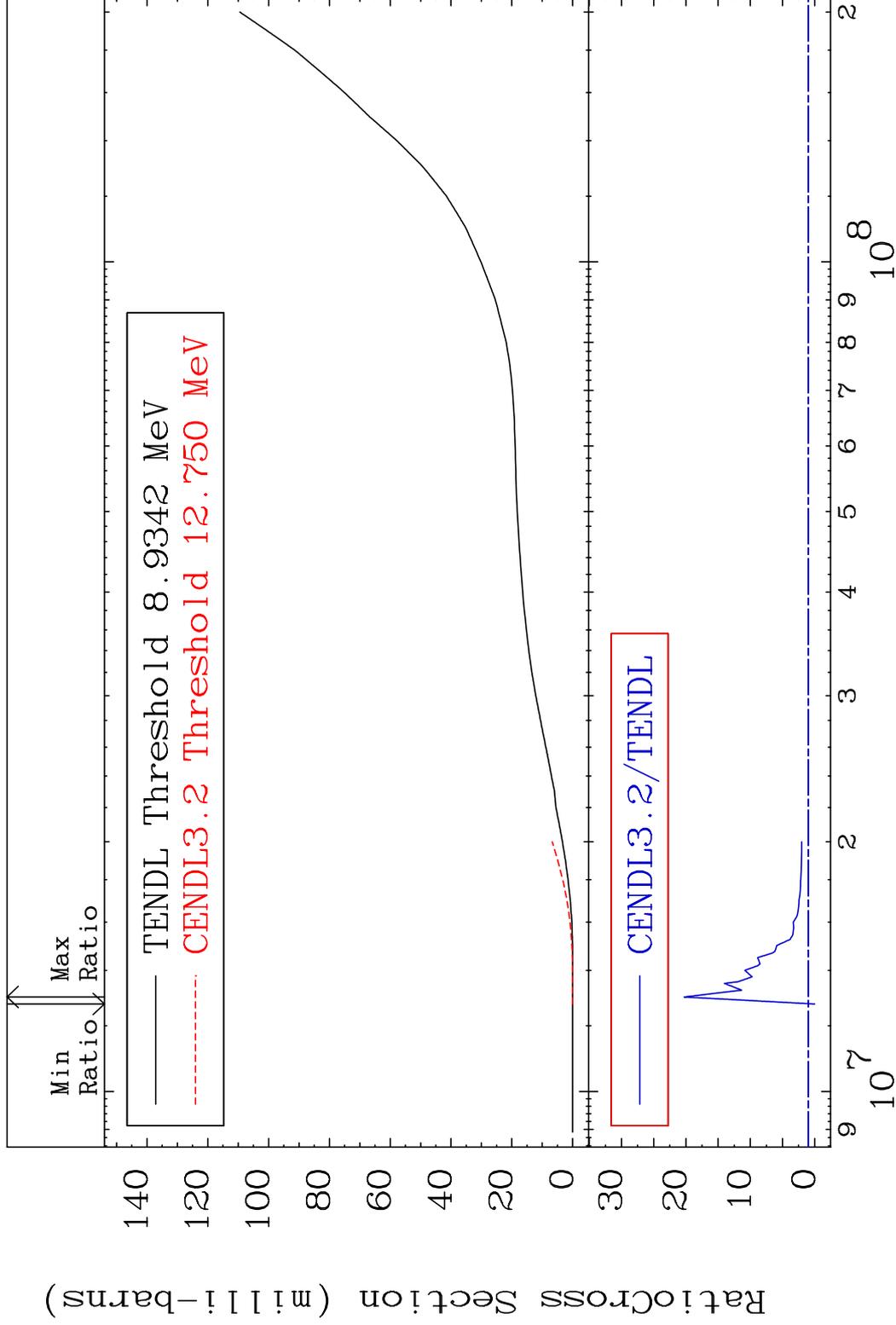
42-Mo-94

MAT 4231

Tritium Production

42-Mo-94

Cross Section -100.0 To 1928. %



26

Incident Energy (eV)

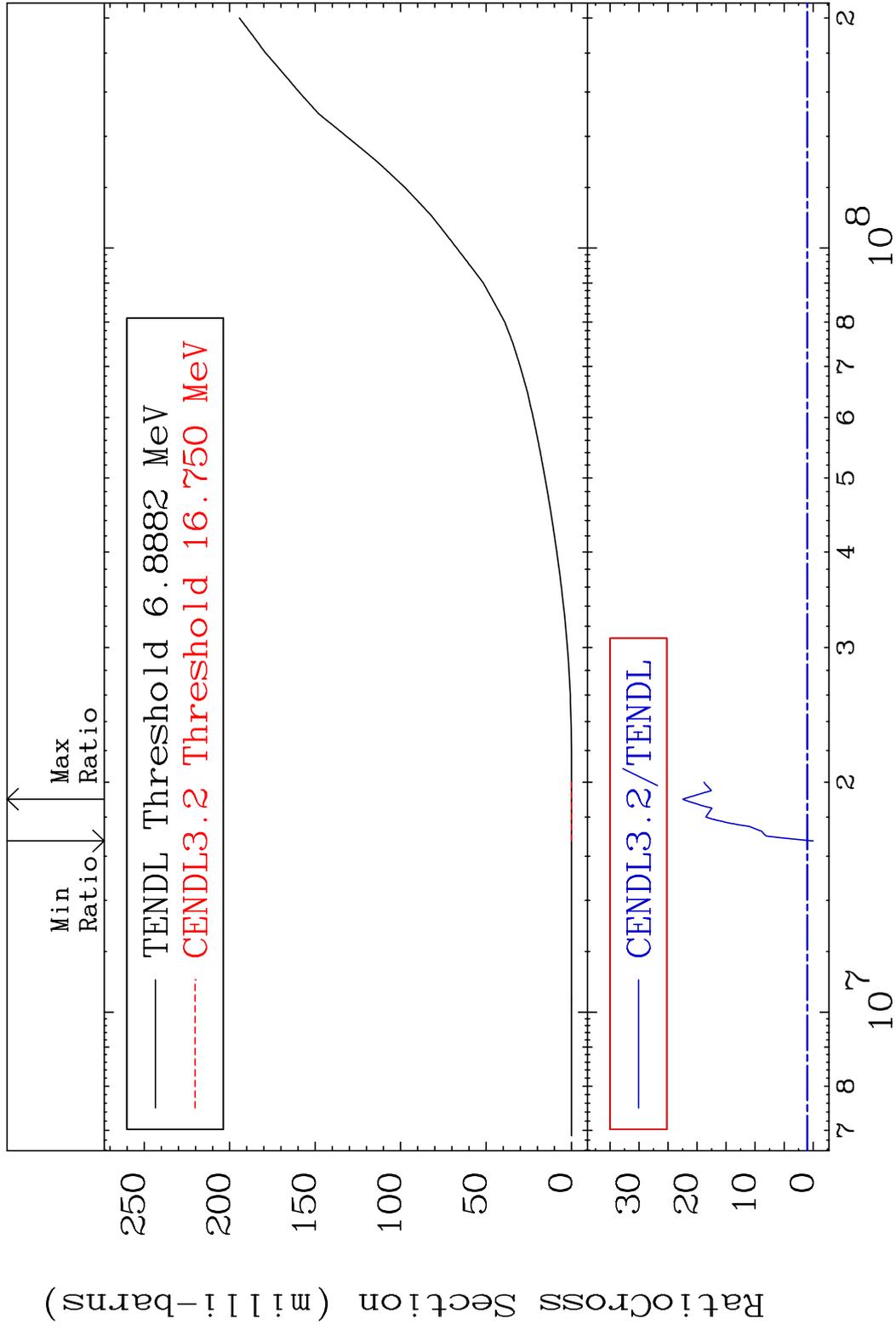
42-Mo-94

MAT 4231

He-3 Production

42-Mo-94

Cross Section -100.0 To 2145. %



27

Incident Energy (eV)

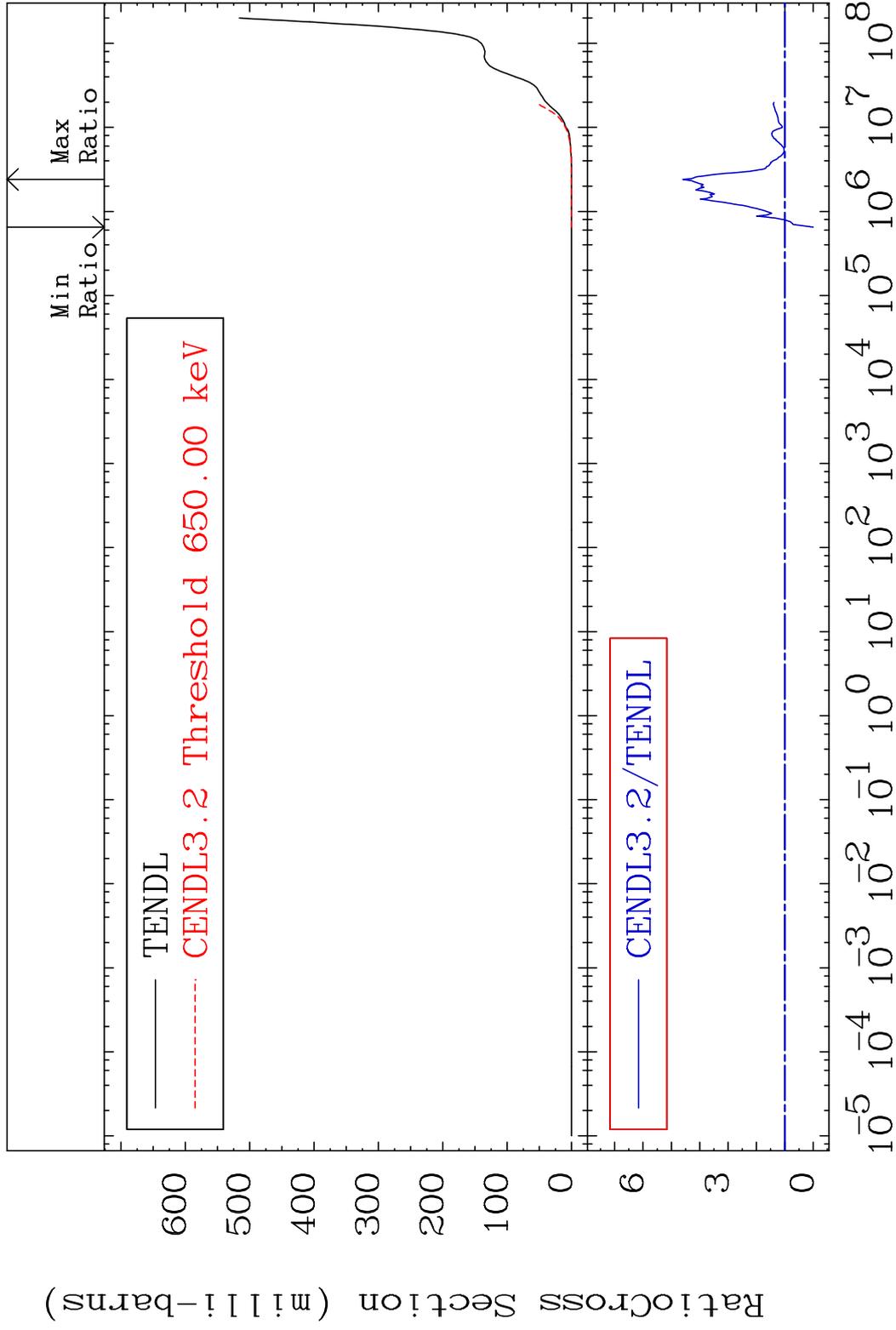
42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 359.6 %

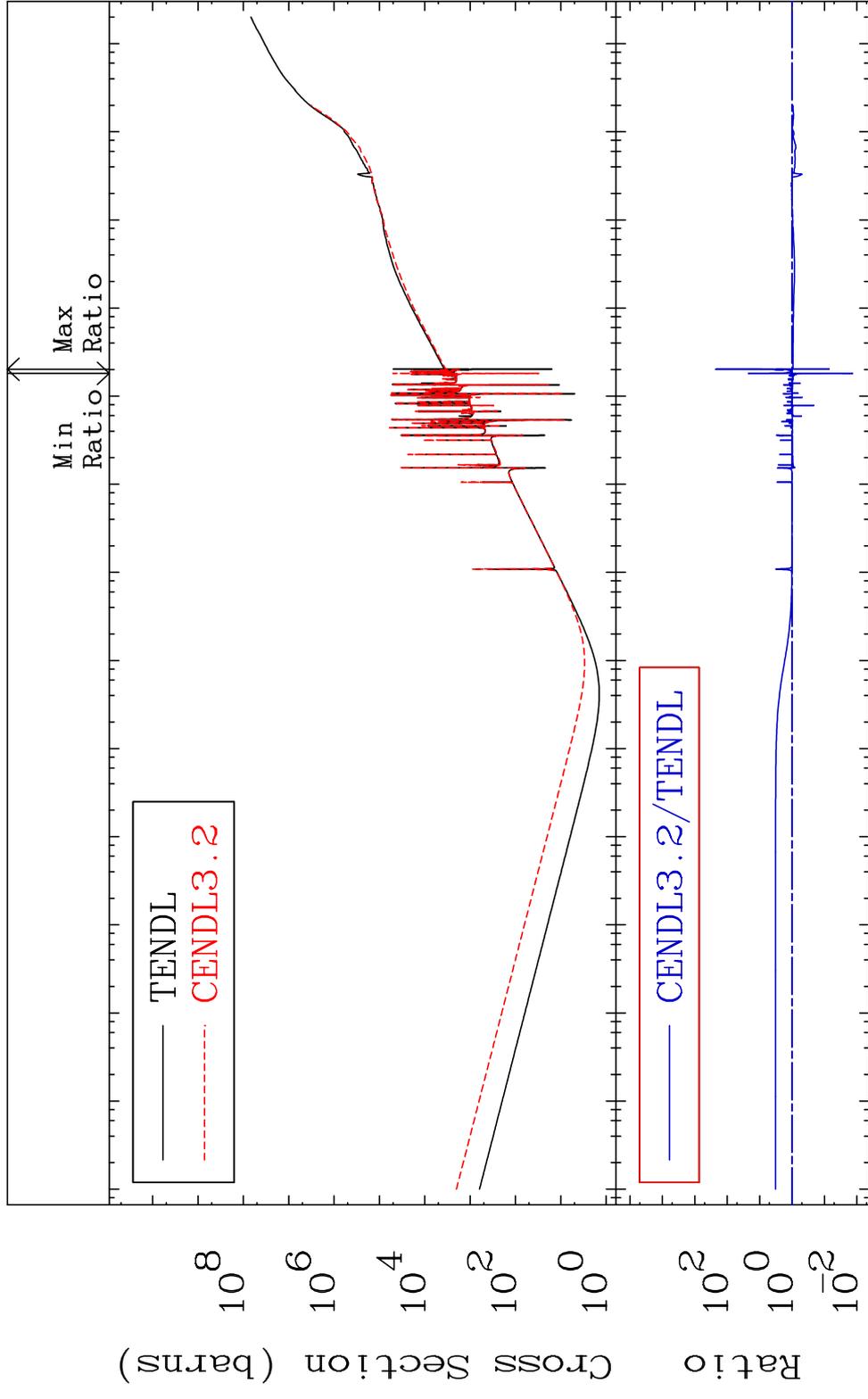


28

Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -98.63 To 9999. %

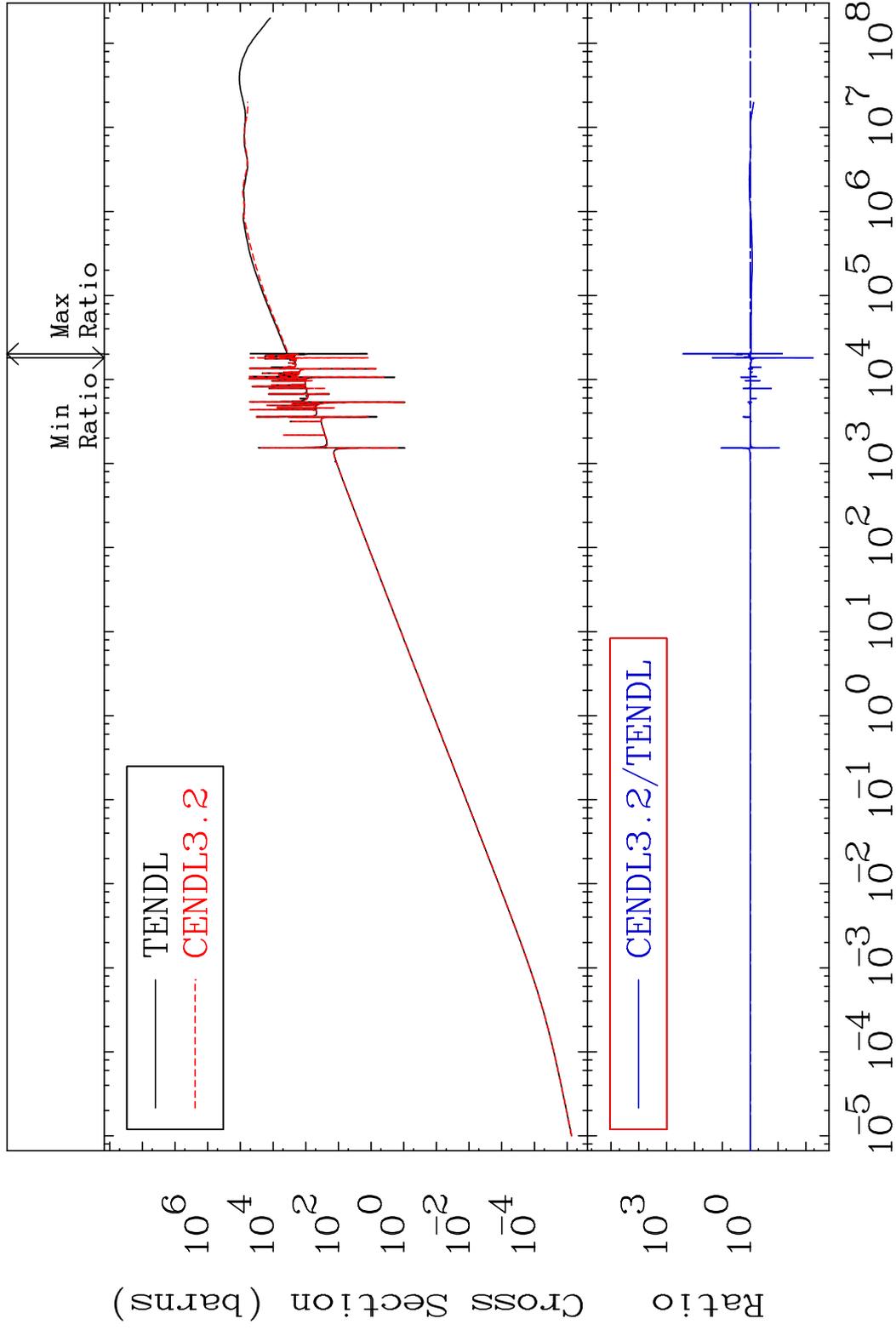


MAT 4231

Kerma elastic
Cross Section

42-Mo-94

-99.46 To 9999. %

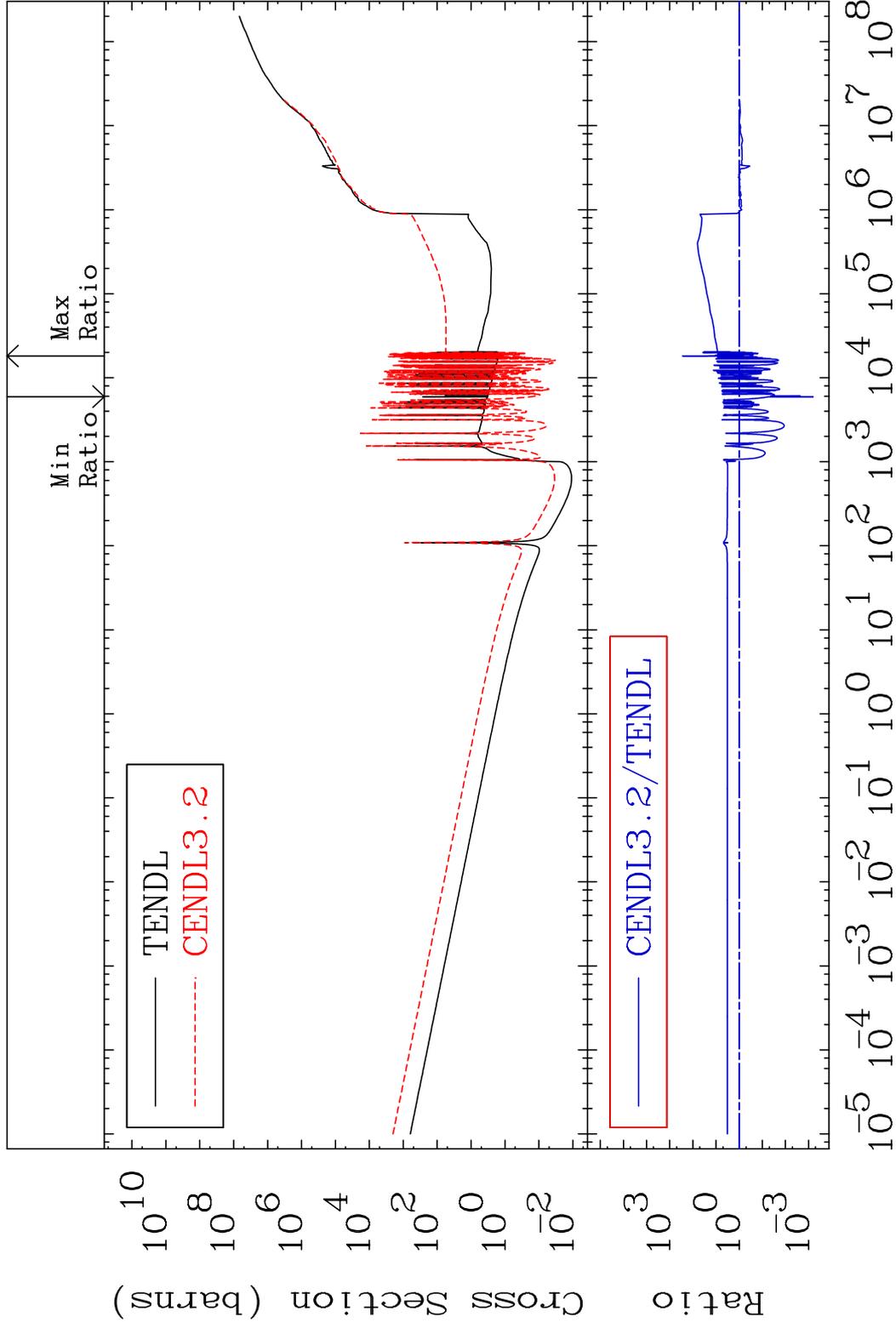


30

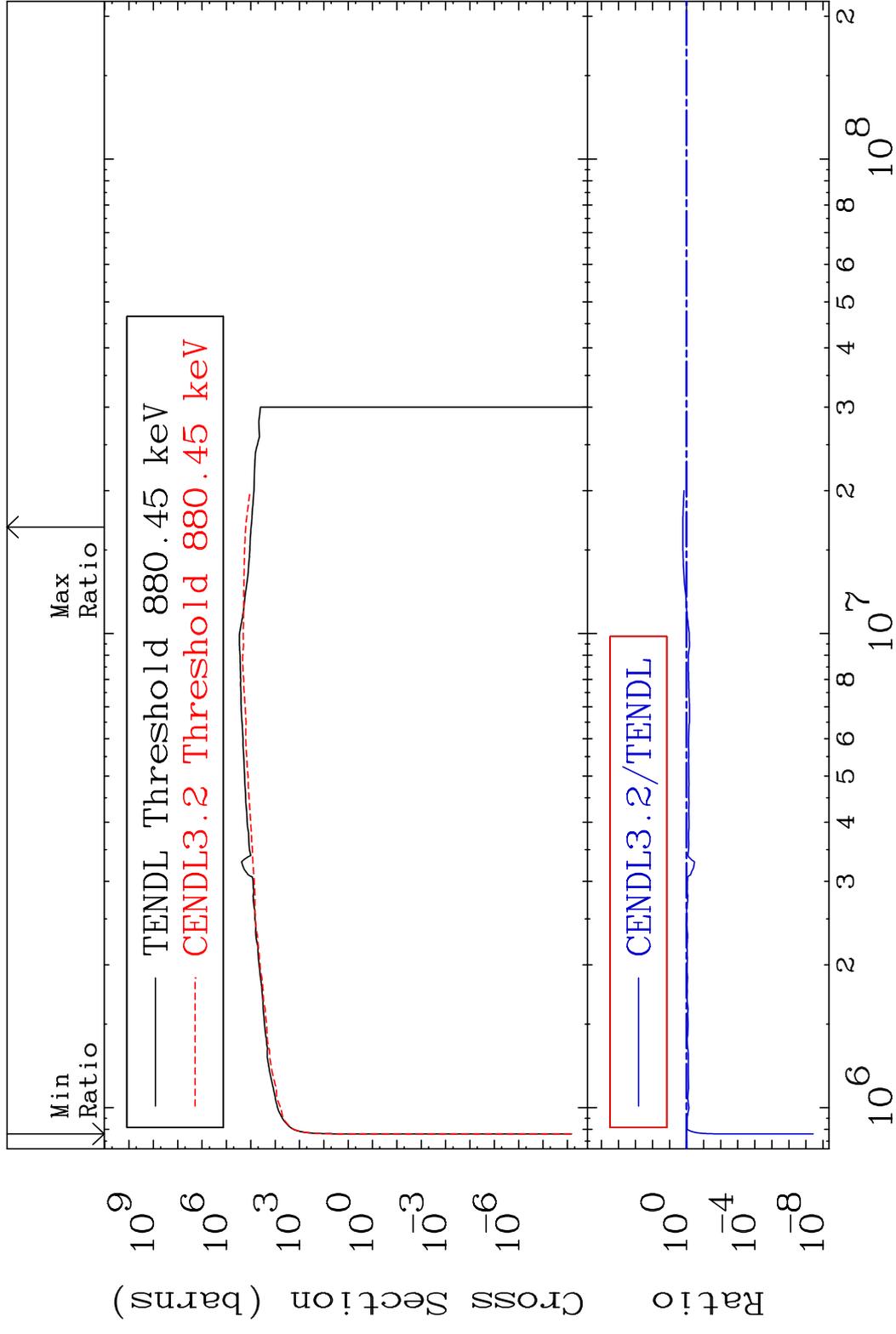
Incident Energy (eV)

42-Mo-94

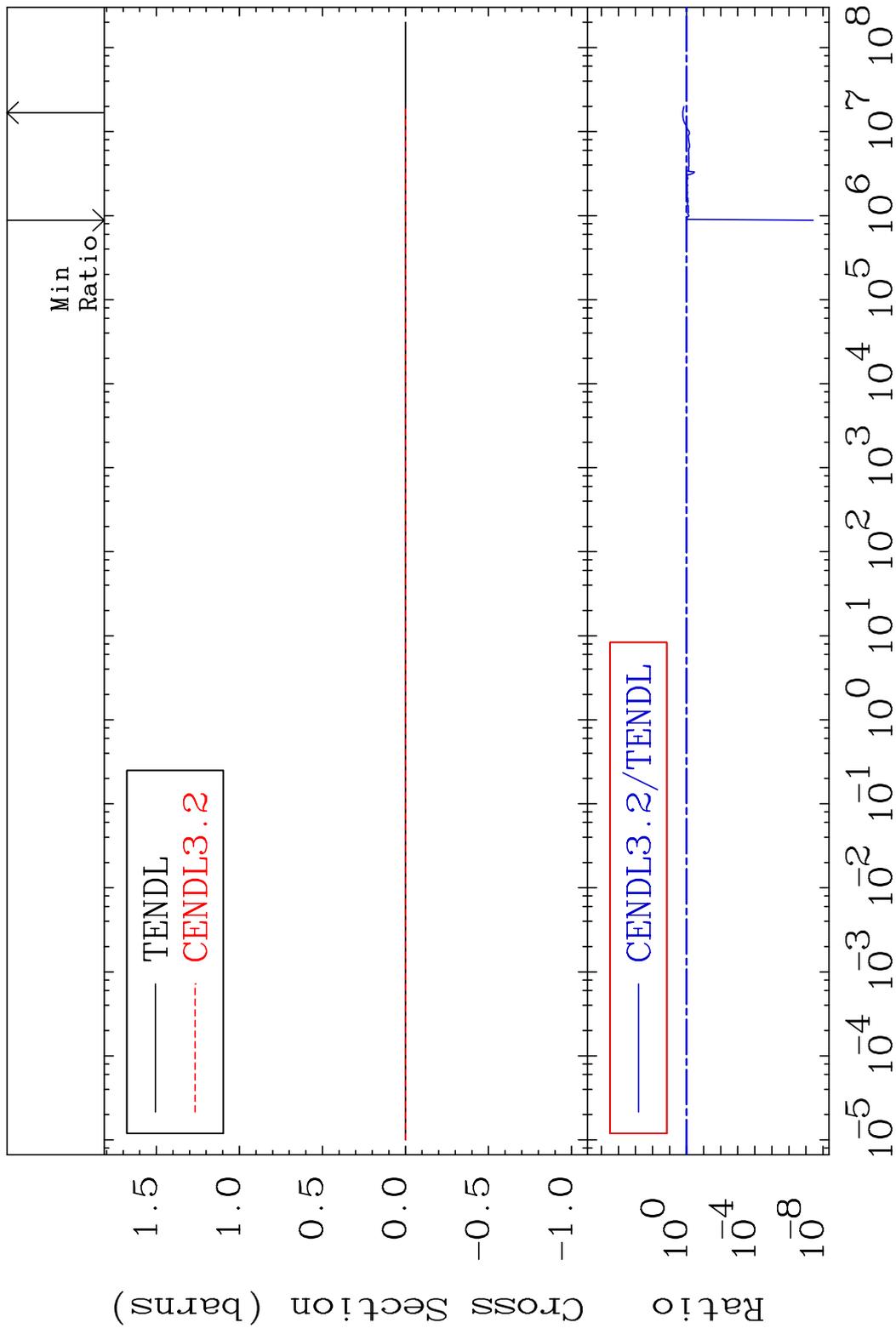
MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -99.94 To 9999. %



MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 66.48 %



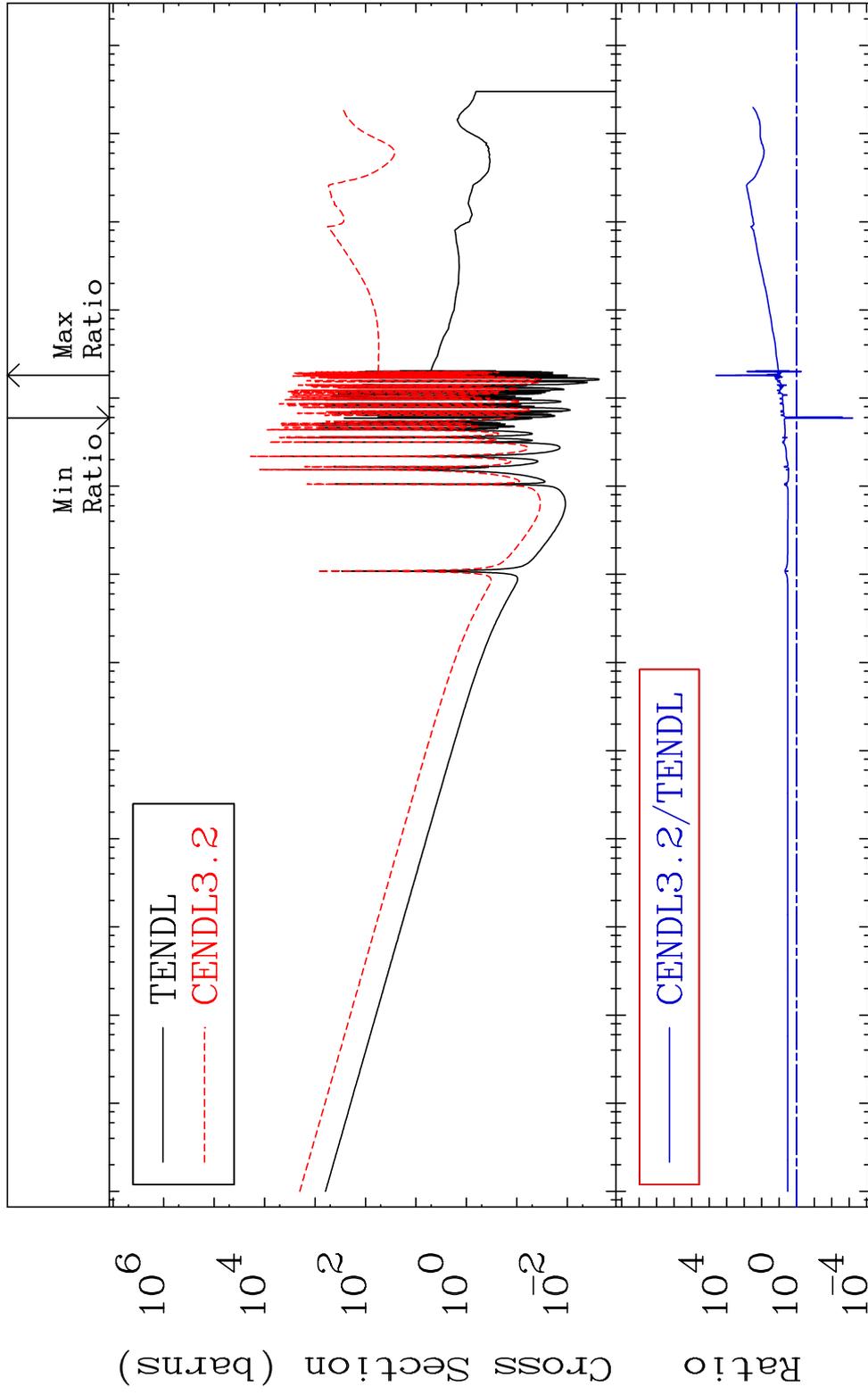
MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 66.48 %



MAT 4231

Kerma capture (mt102) 42-Mo-94

Cross Section -99.94 To 9999. %

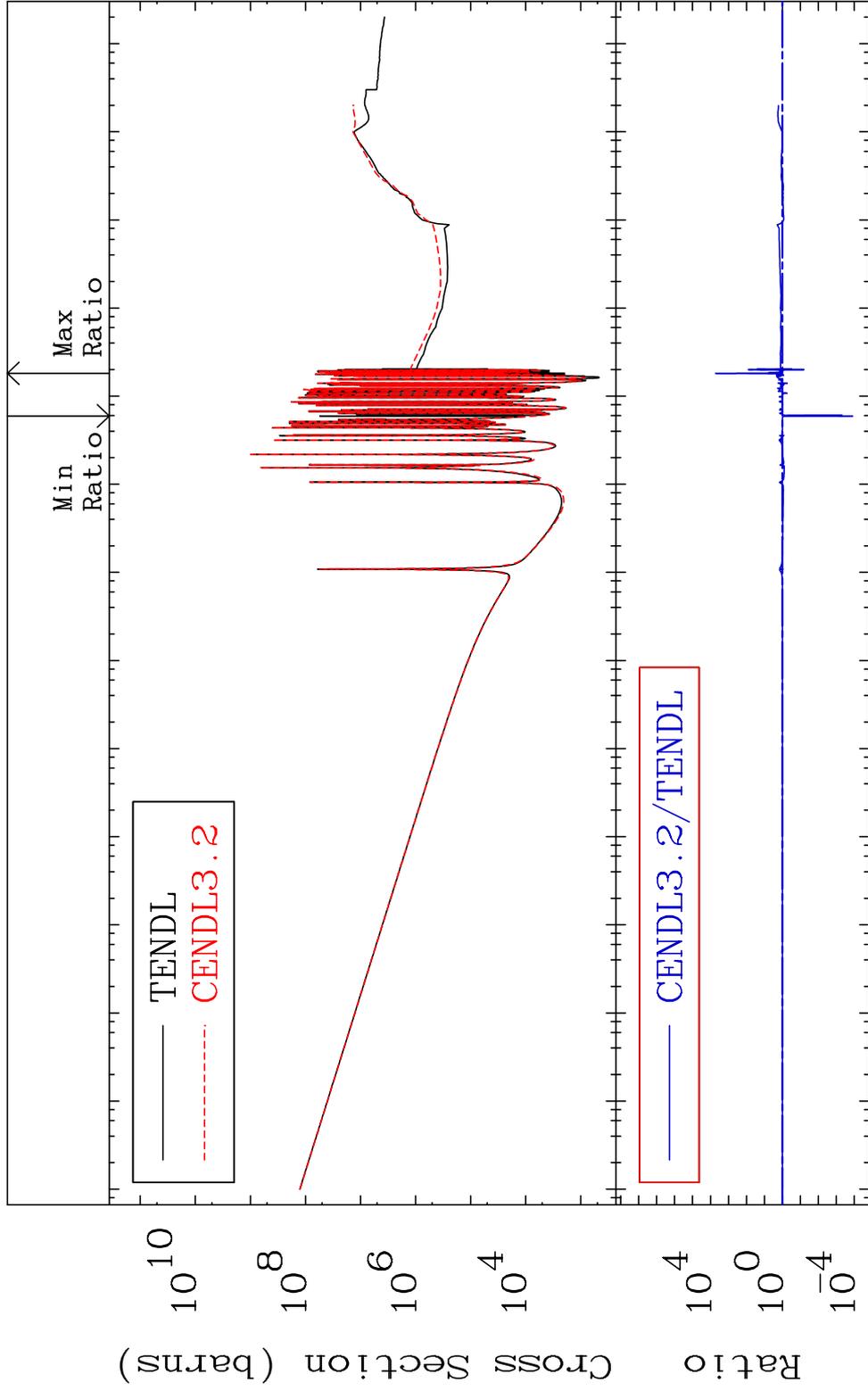


34

Incident Energy (eV)

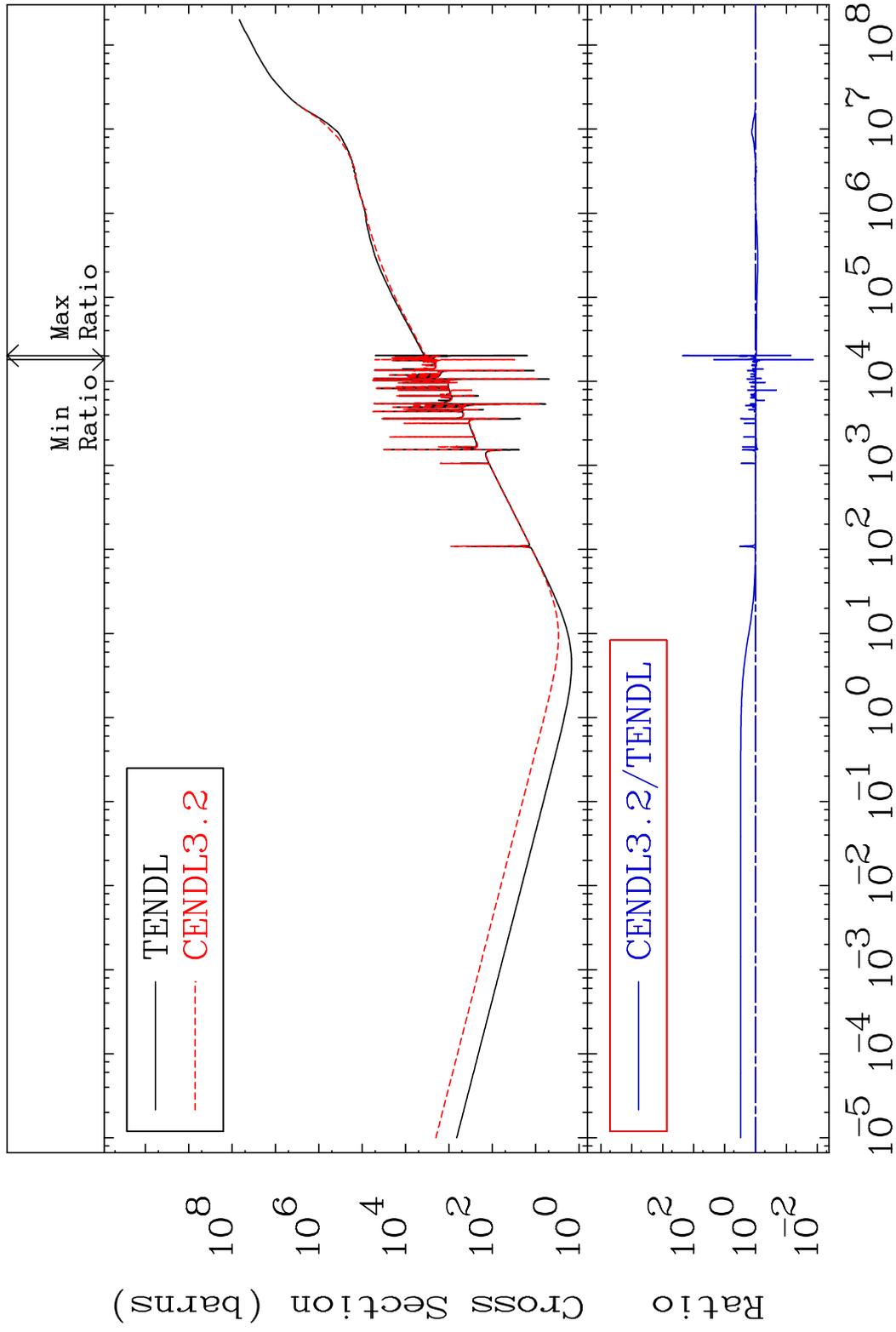
42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
Cross Section -99.99 To 9999. %

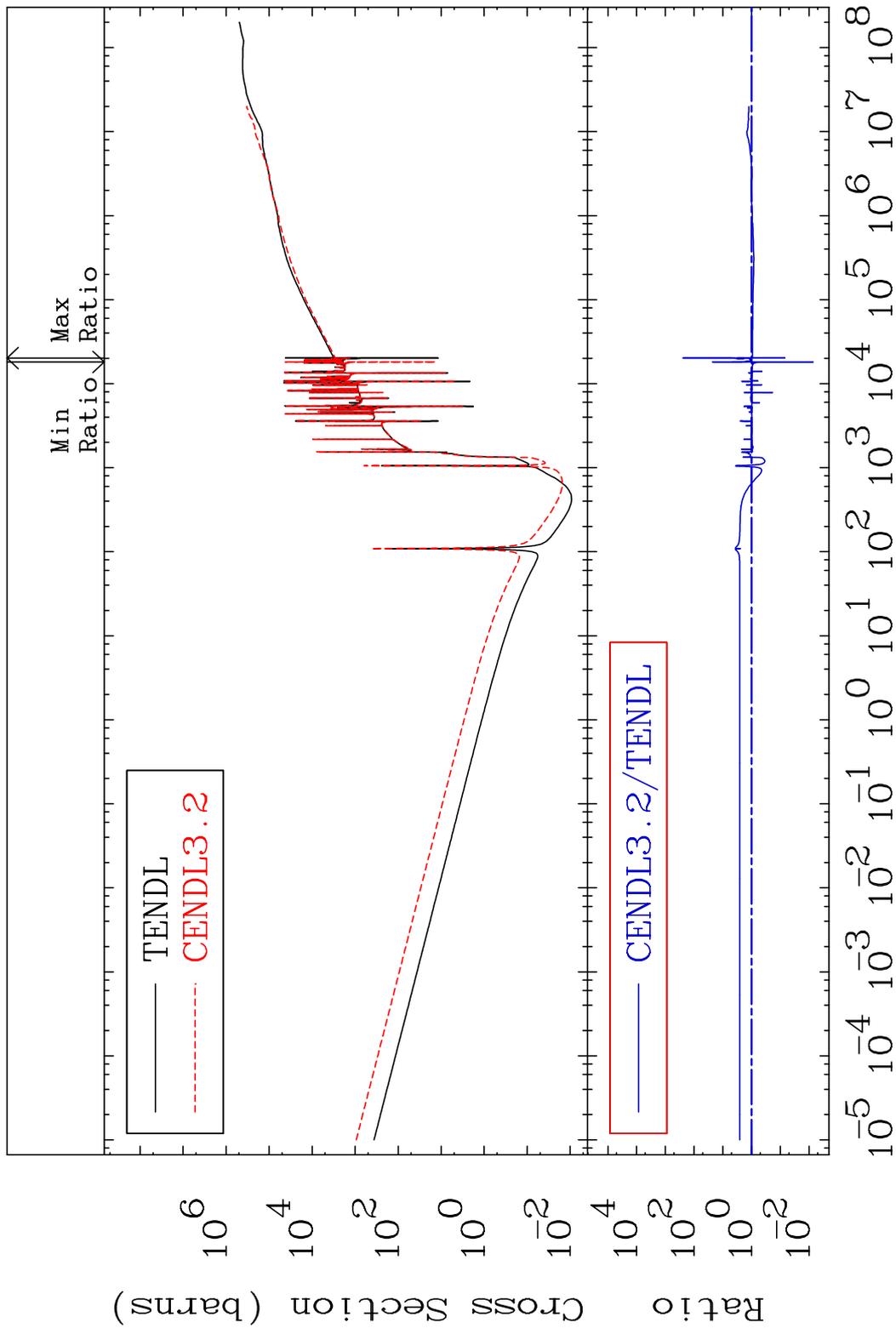


35 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -98.63 To 9999. %



MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -99.28 To 9999. %

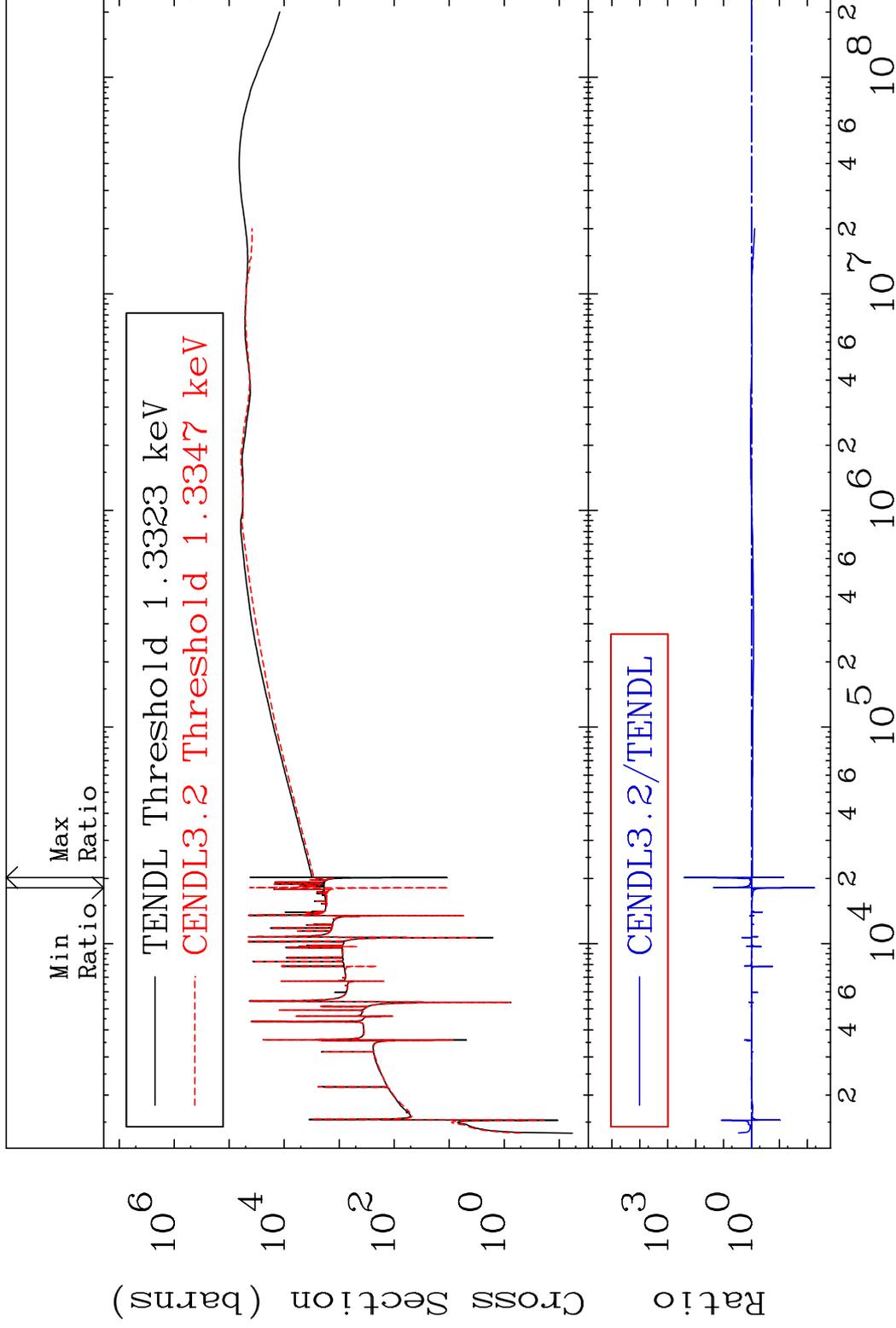


MAT 4231

Dpa elastic (mt2)

42-Mo-94

Cross Section -99.45 To 9999. %

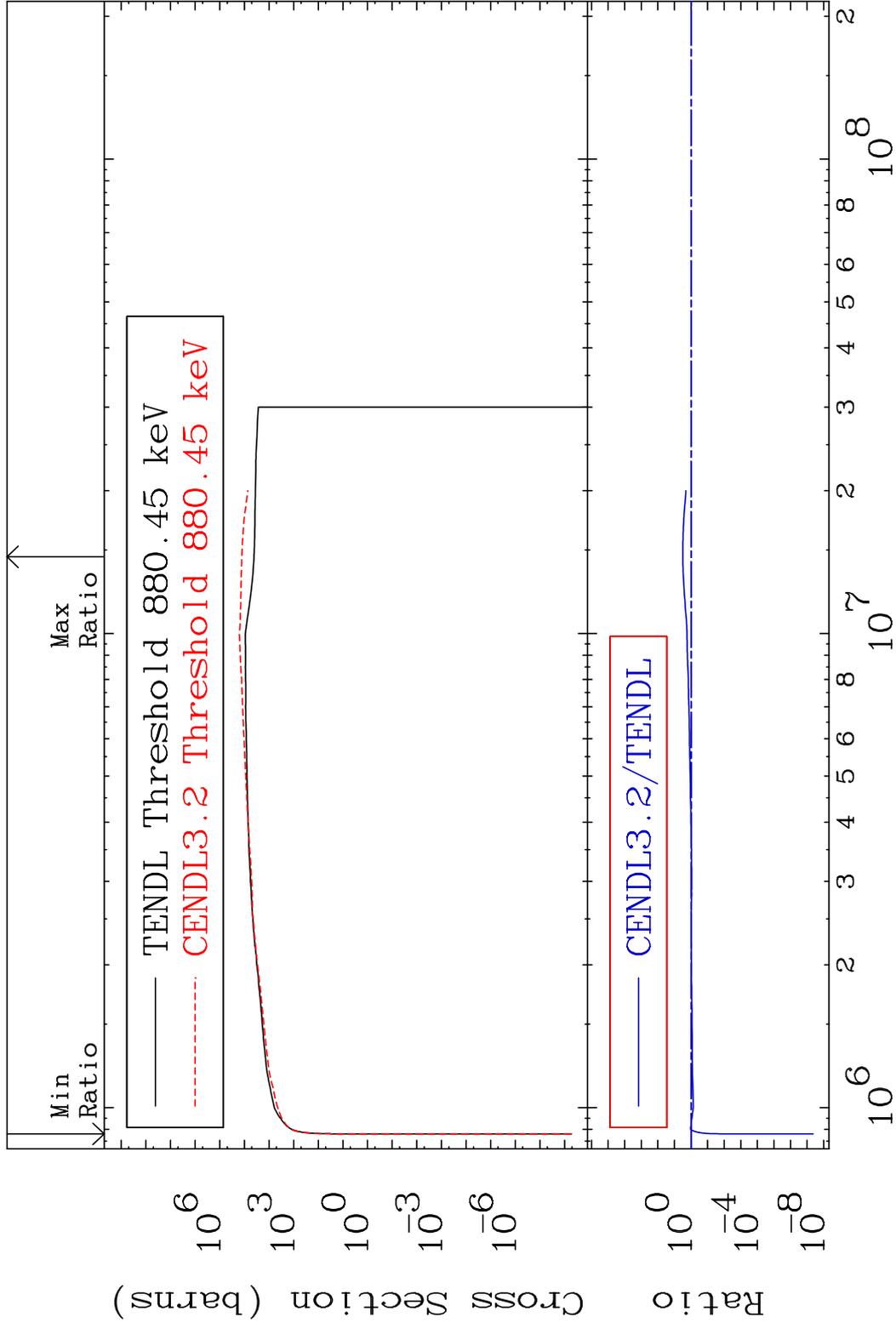


38

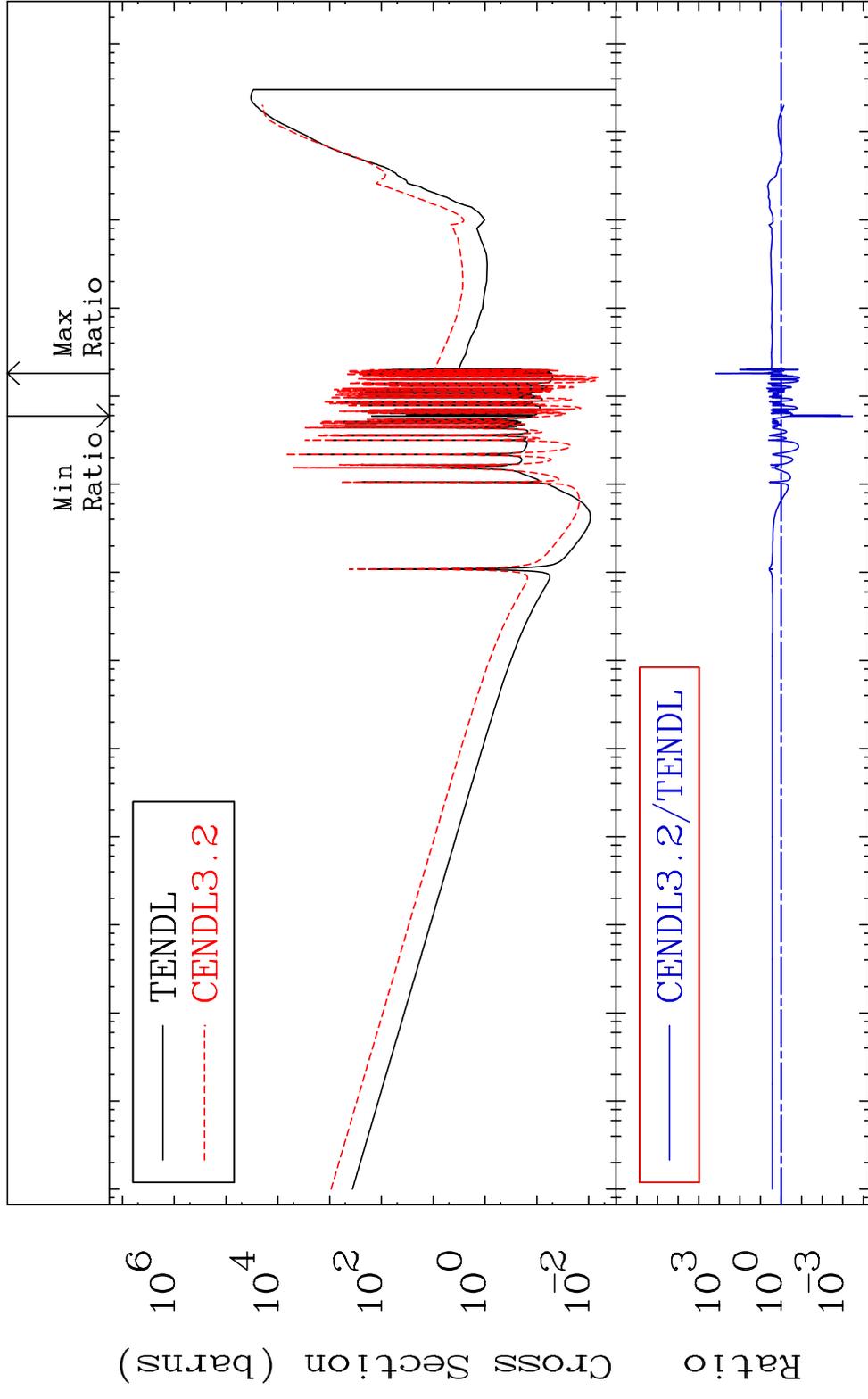
Incident Energy (eV)

42-Mo-94

MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 211.5 %



MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -99.97 To 9999. %



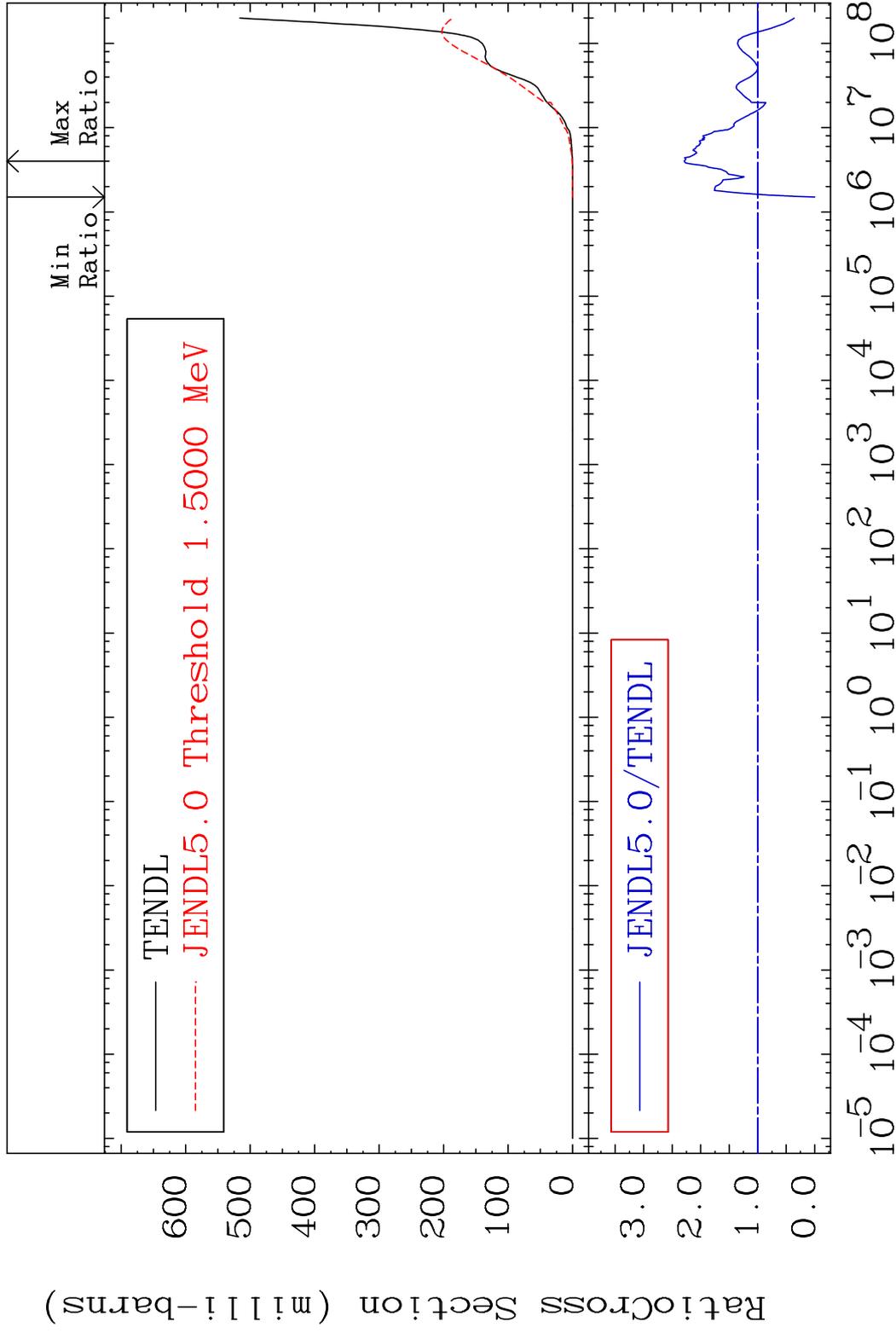
40 Incident Energy (eV) 42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 129.0 %

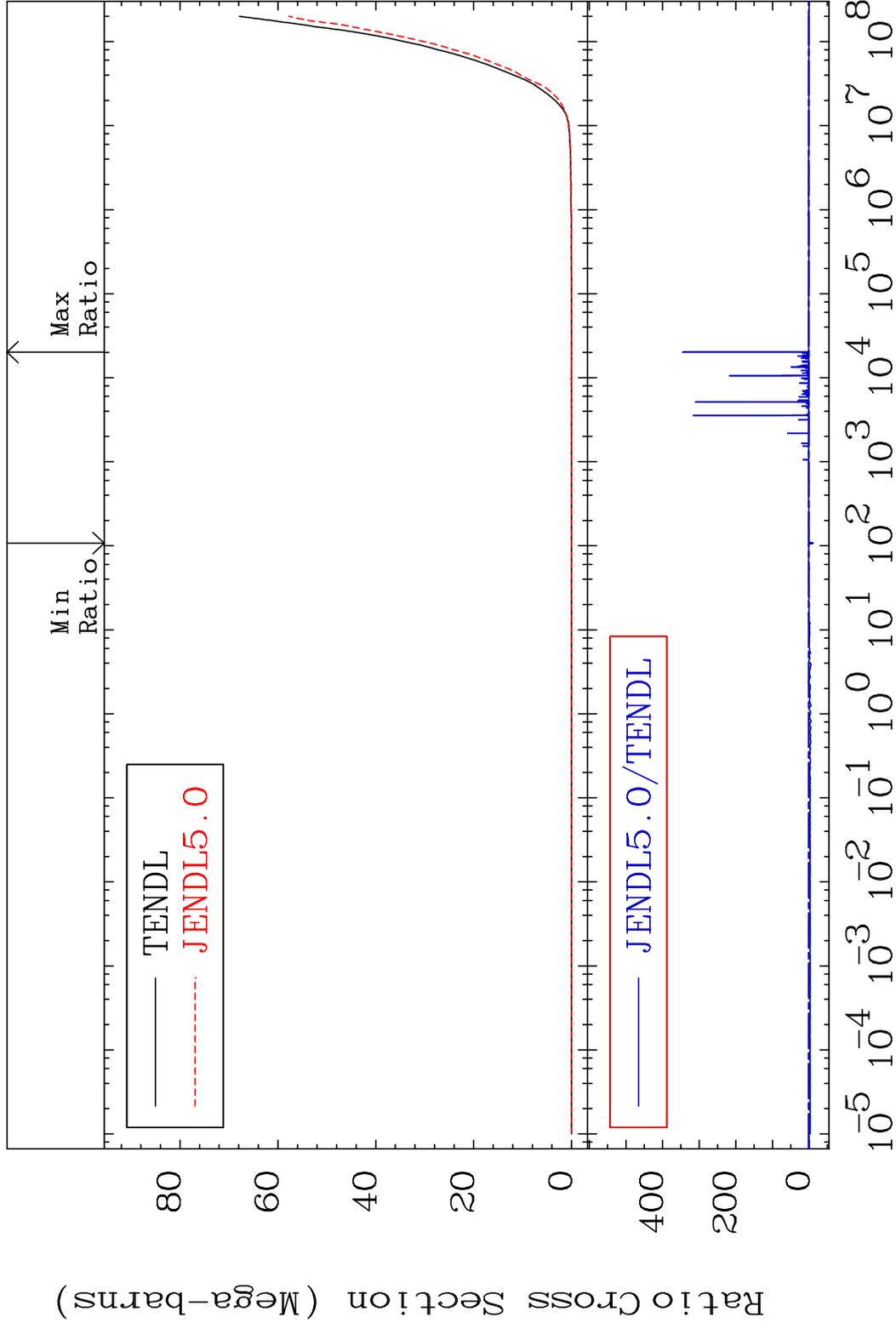


41

Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -1200. To 9999. %



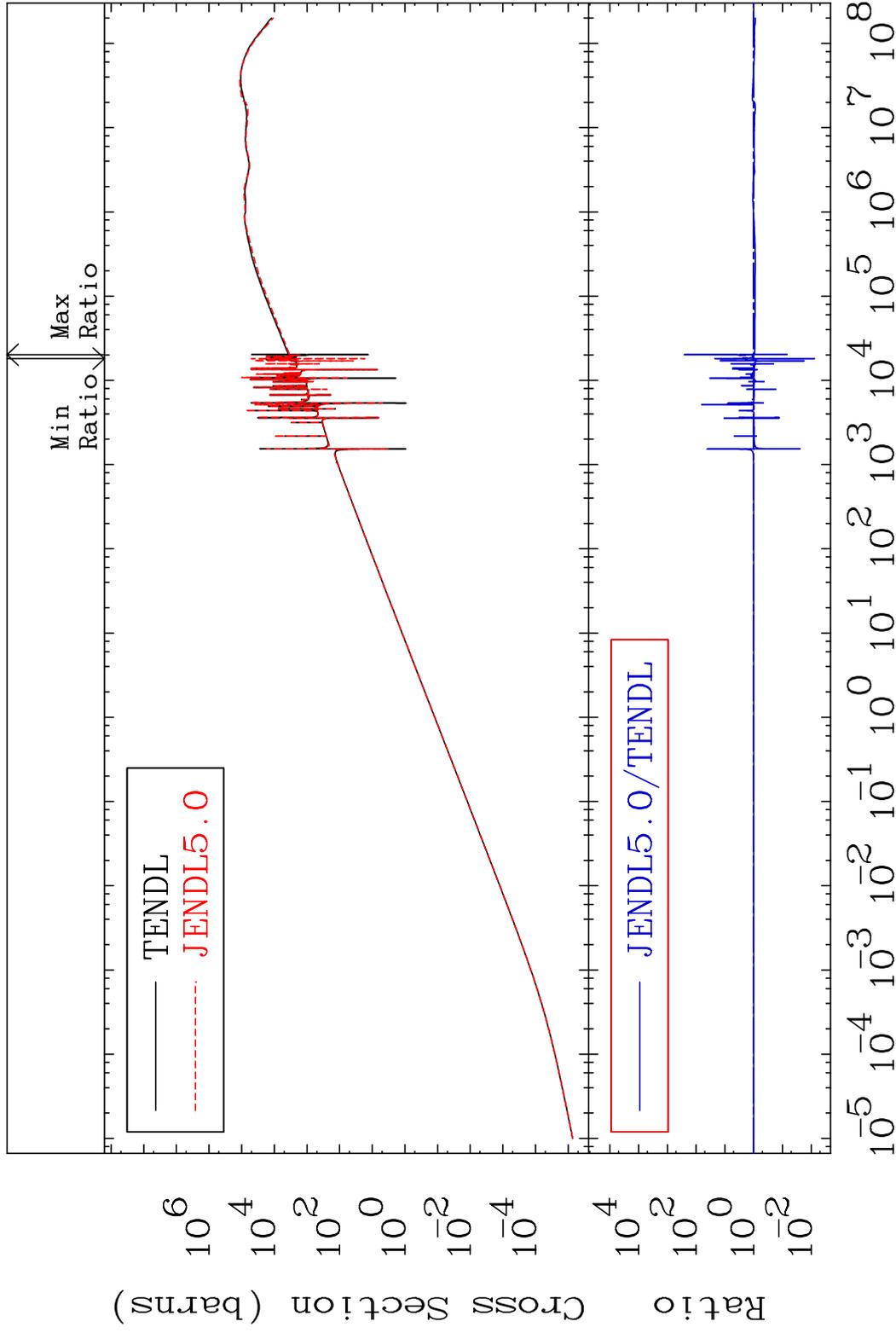
42 Incident Energy (eV) 42-Mo-94

MAT 4231

Kerma elastic

42-Mo-94

Cross Section -99.24 To 9999. %

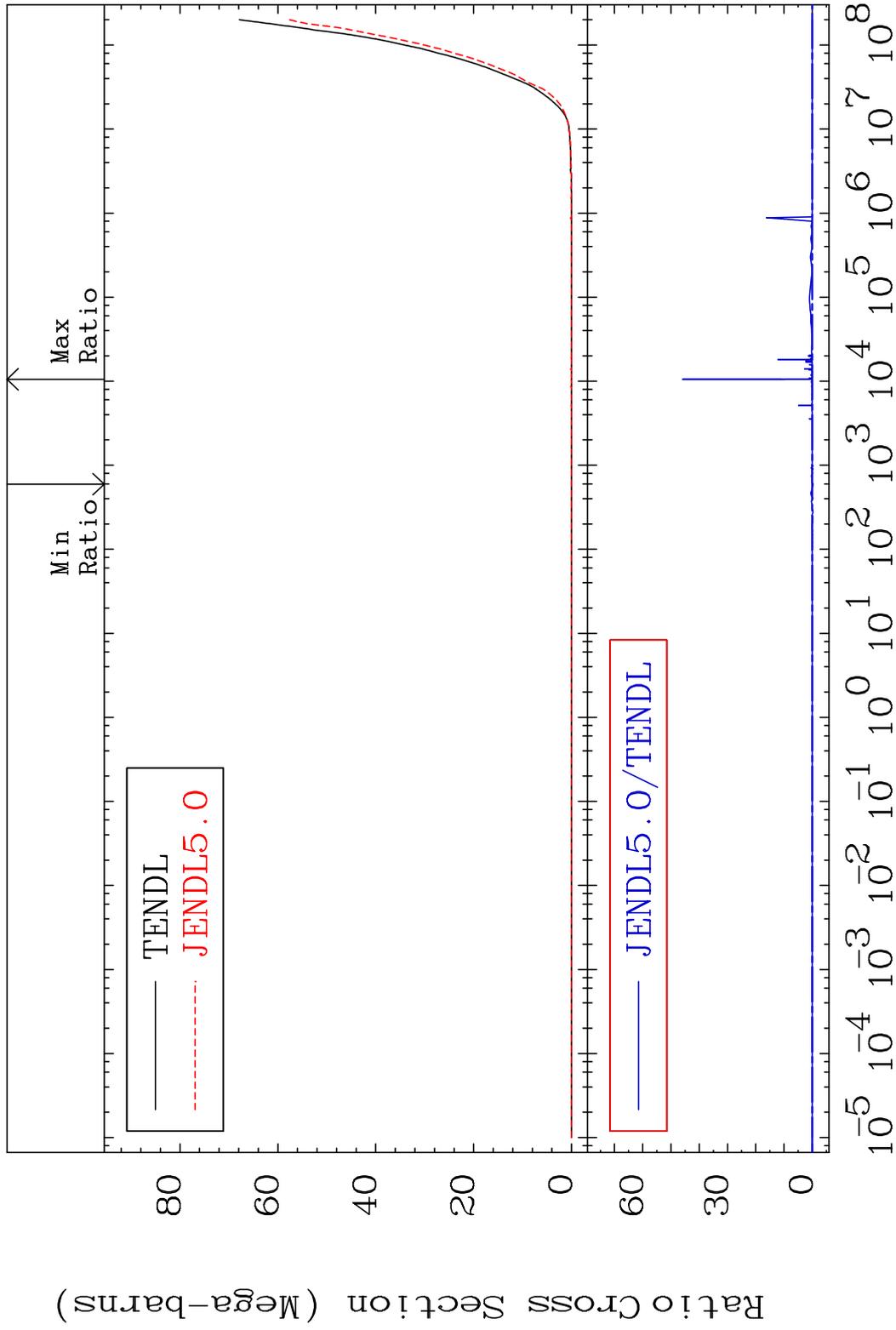


43

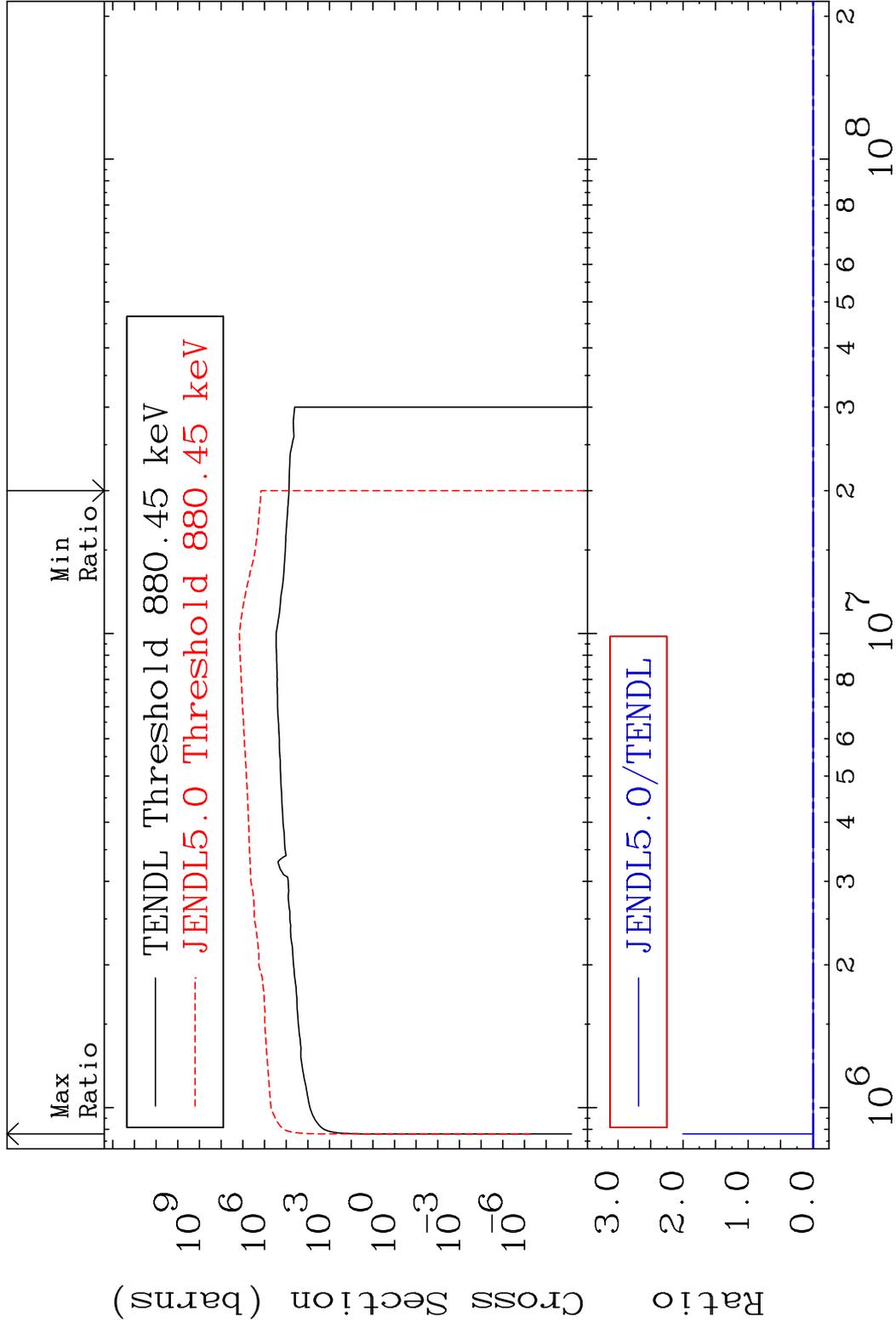
Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -9999. To 9999. %

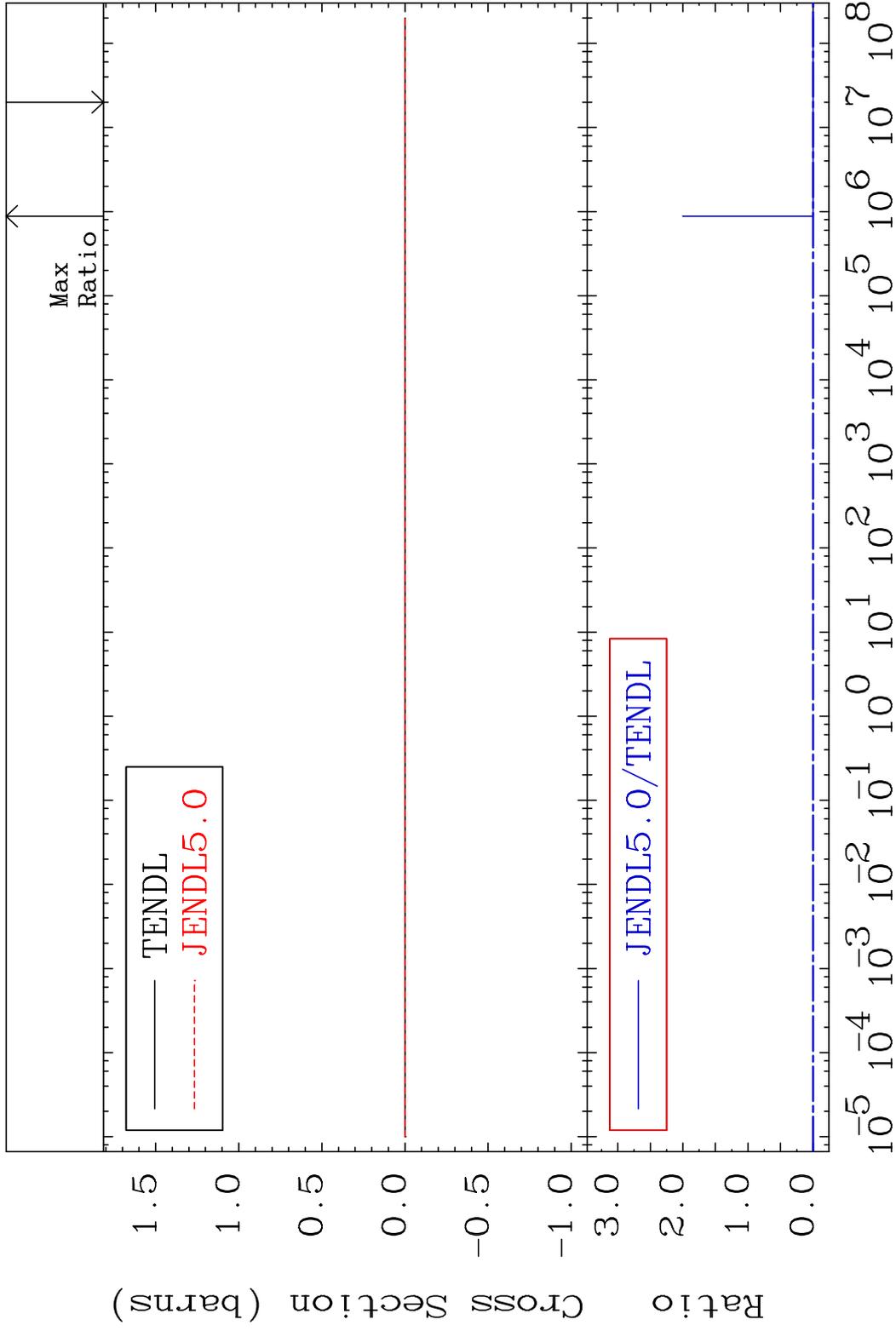


MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 42-Mo-94

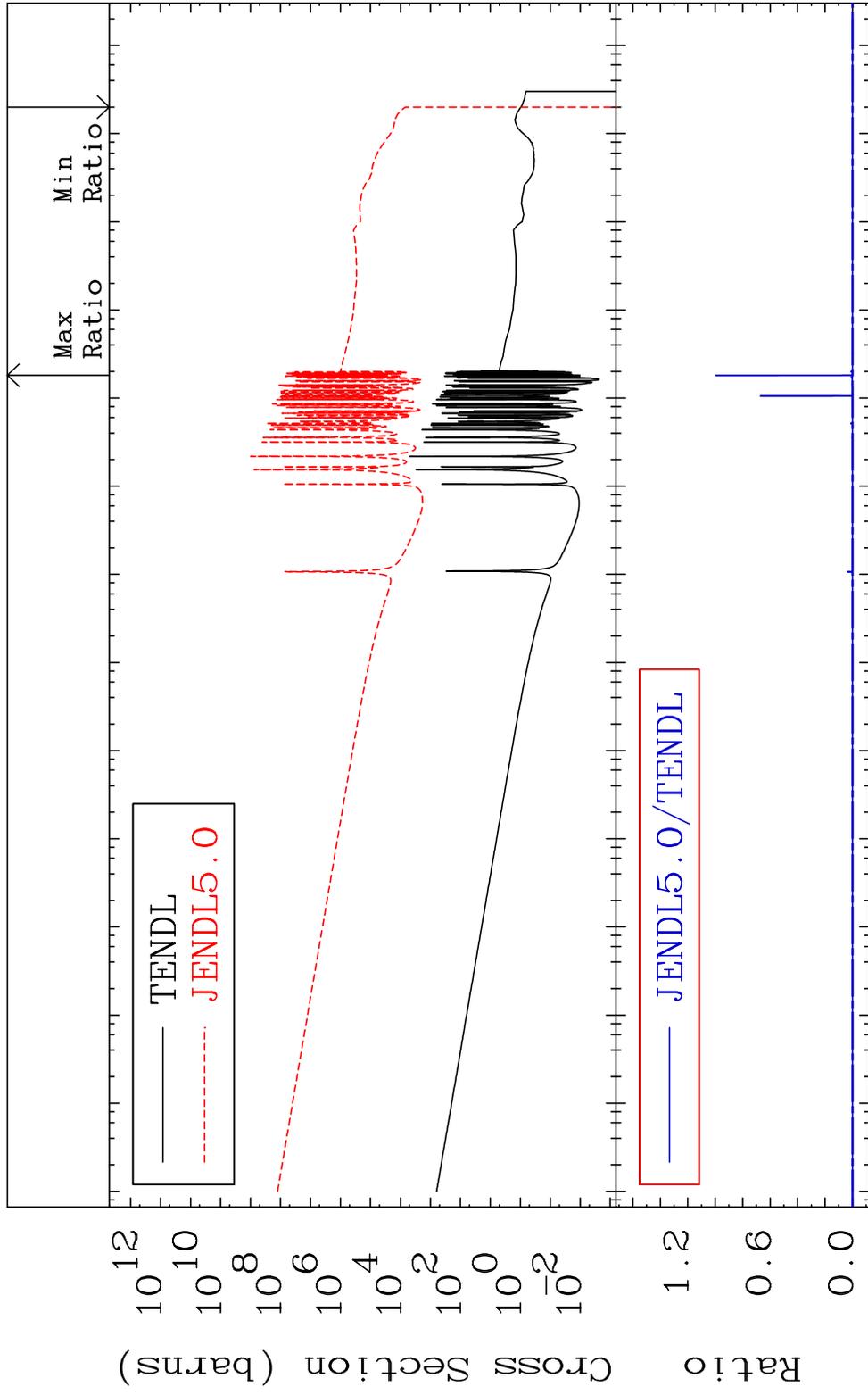
MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 9999. %



MAT 4231

Kerma capture (mt102) 42-Mo-94

Cross Section -100.0 To 9999. %

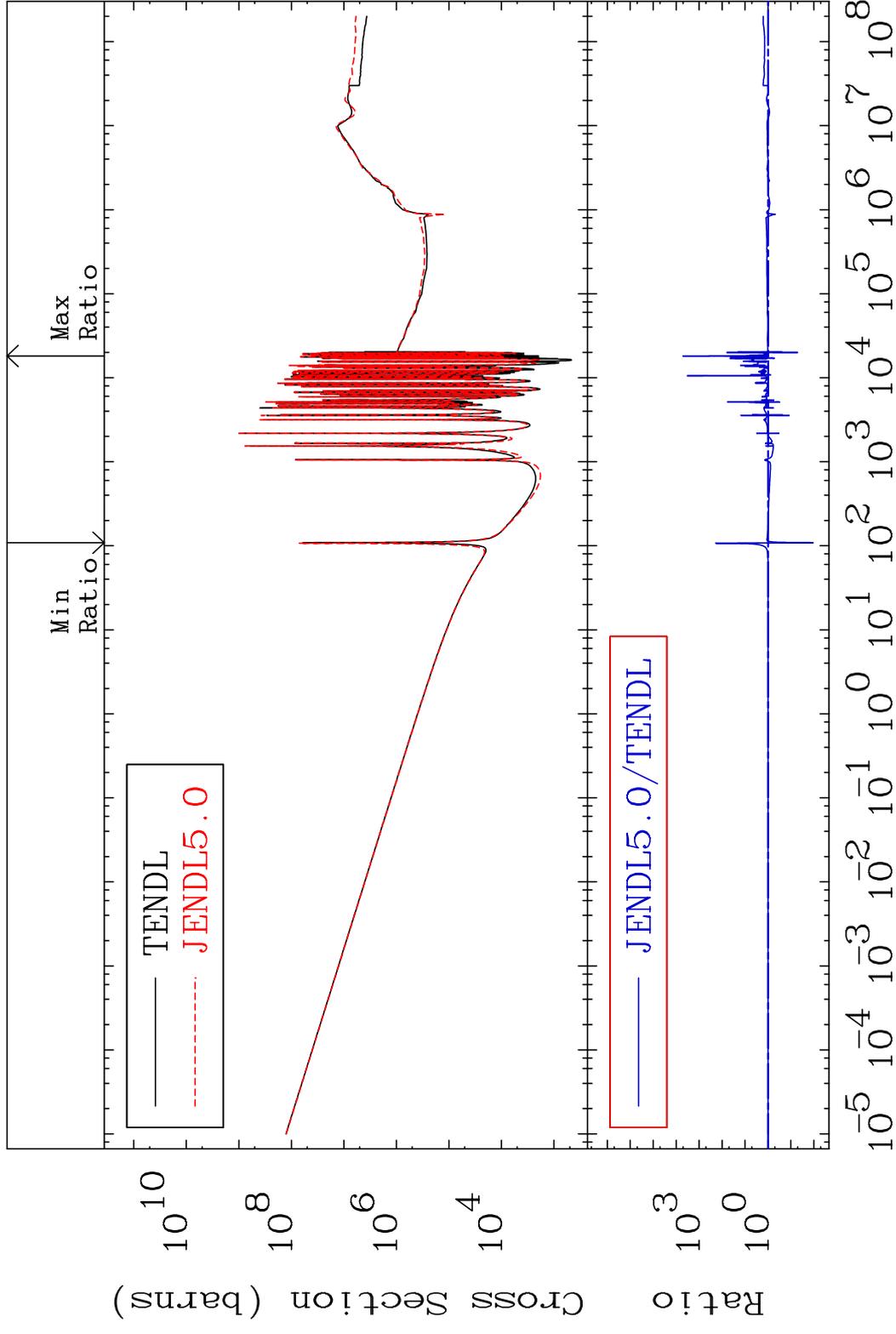


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Incident Energy (eV)

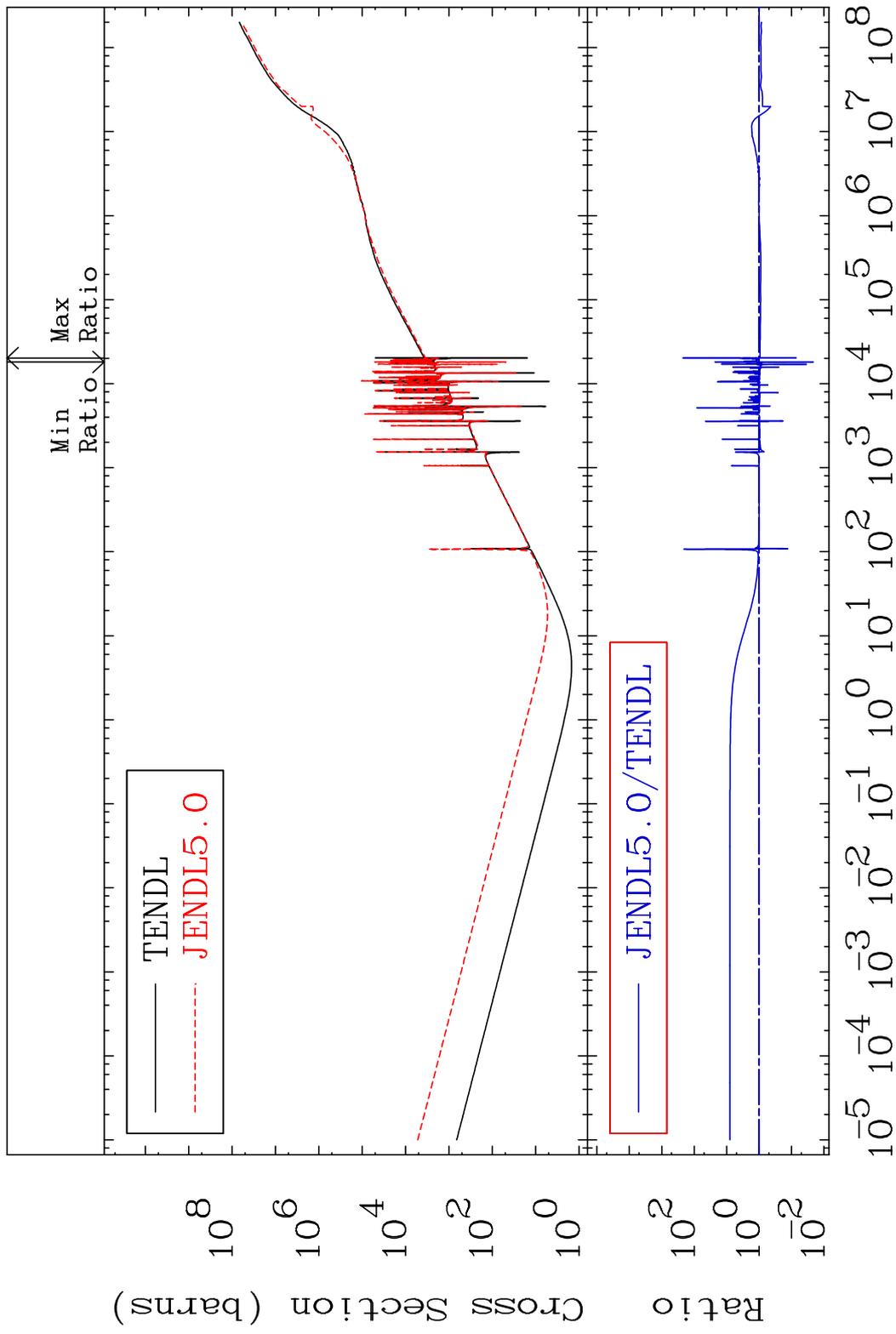
42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
Cross Section -98.93 To 9999. %

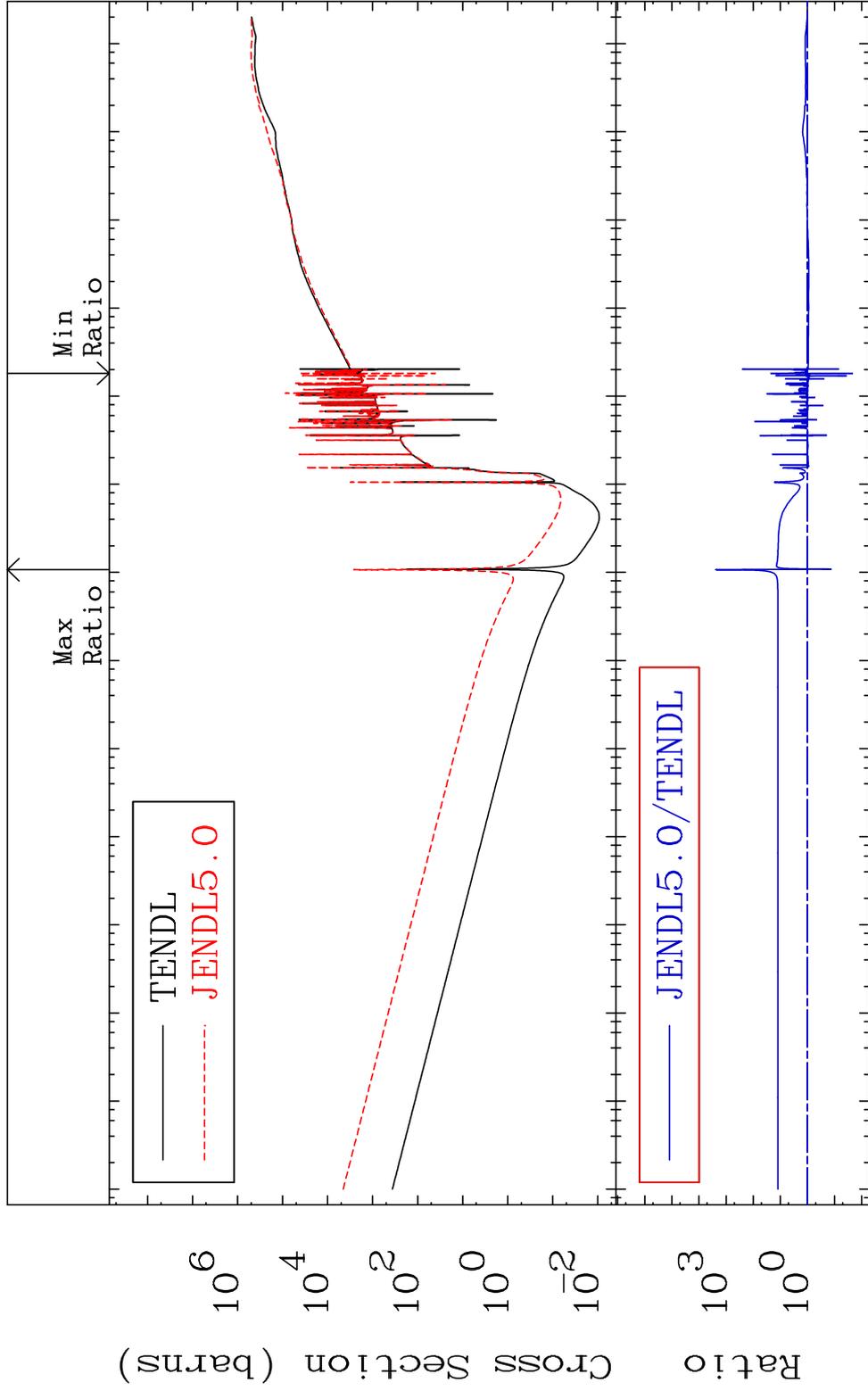


48 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -97.83 To 9999. %



MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -97.82 To 9999. %

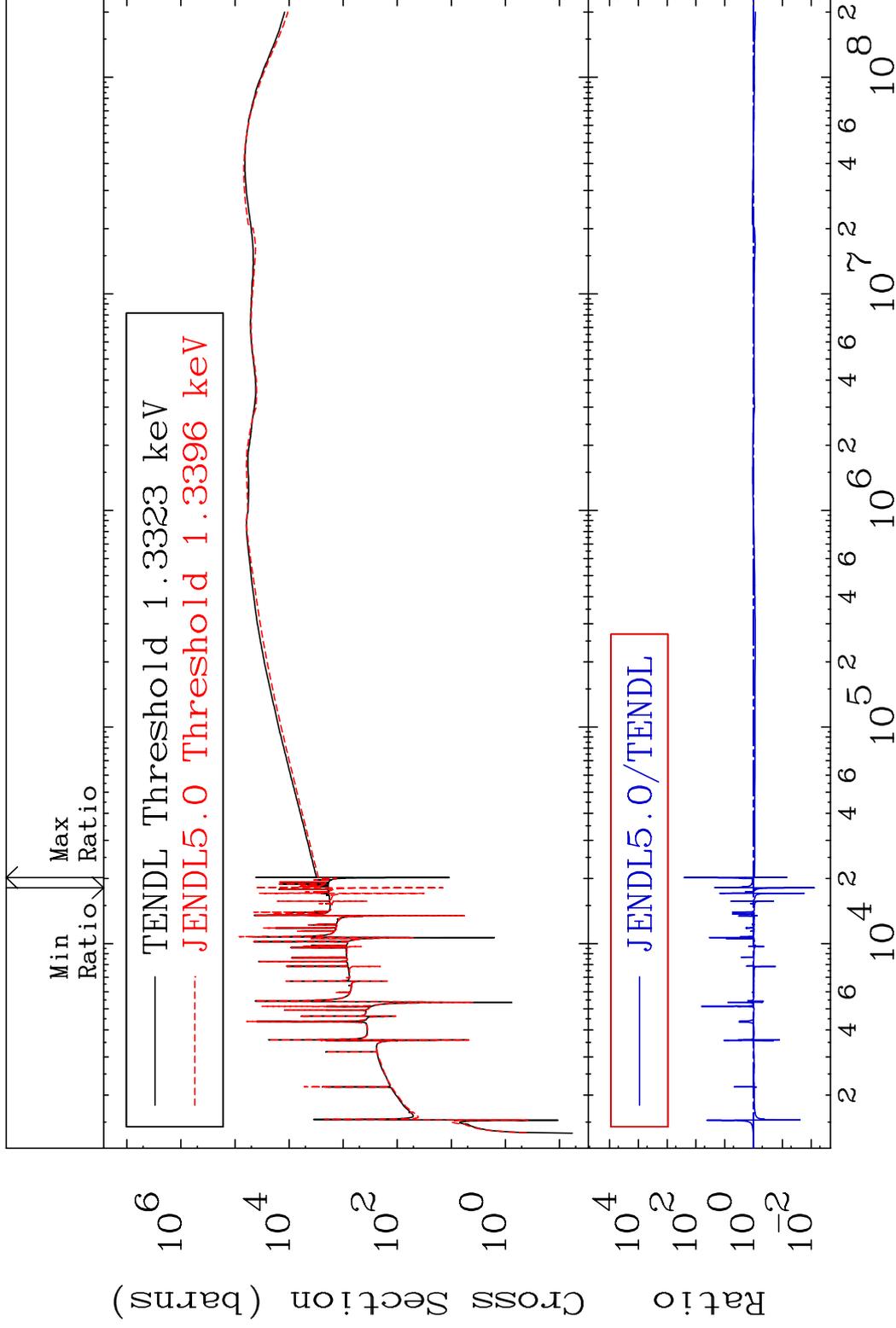


MAT 4231

Dpa elastic (mt2)

42-Mo-94

Cross Section -99.24 To 9999. %

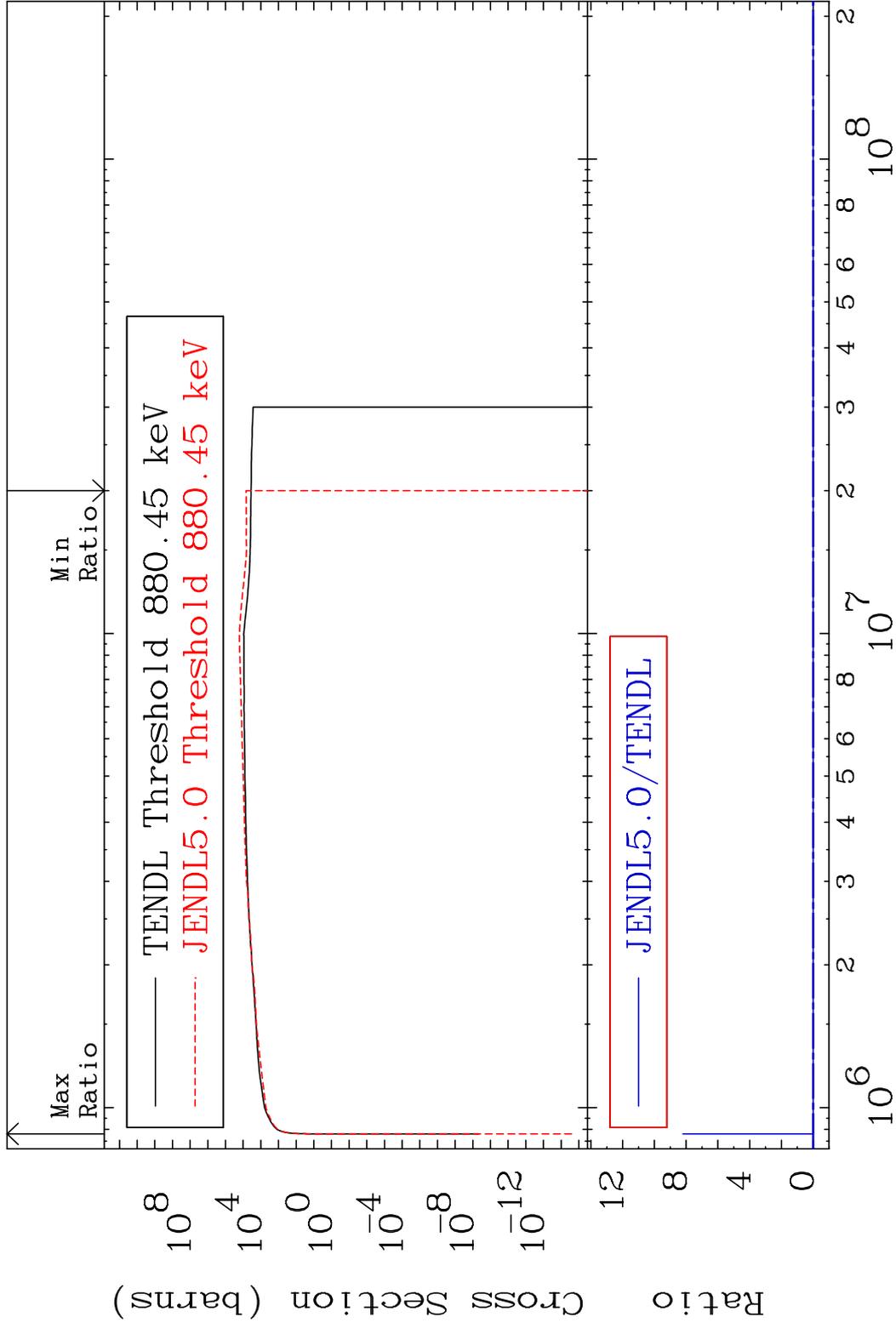


51

Incident Energy (eV)

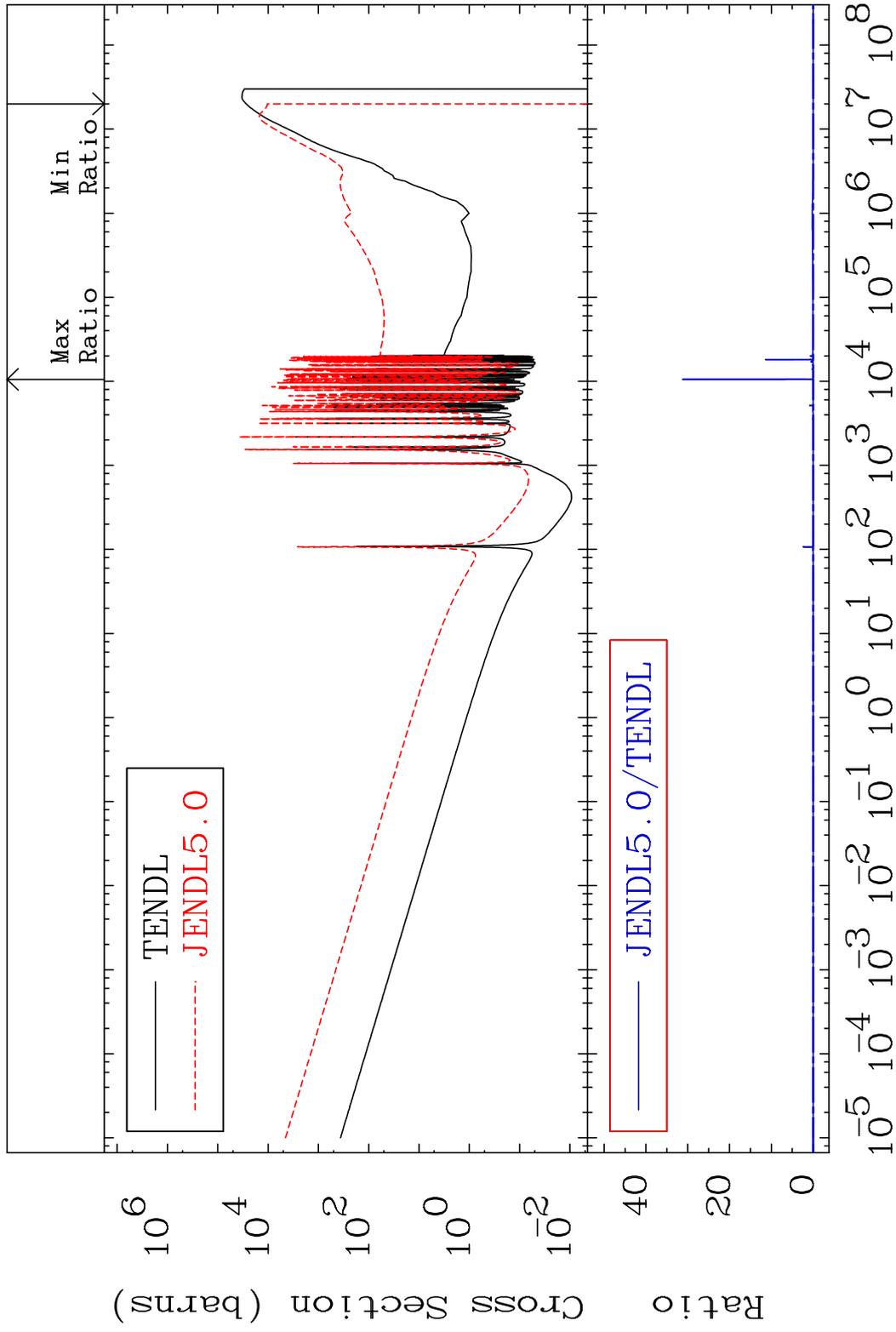
42-Mo-94

MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %

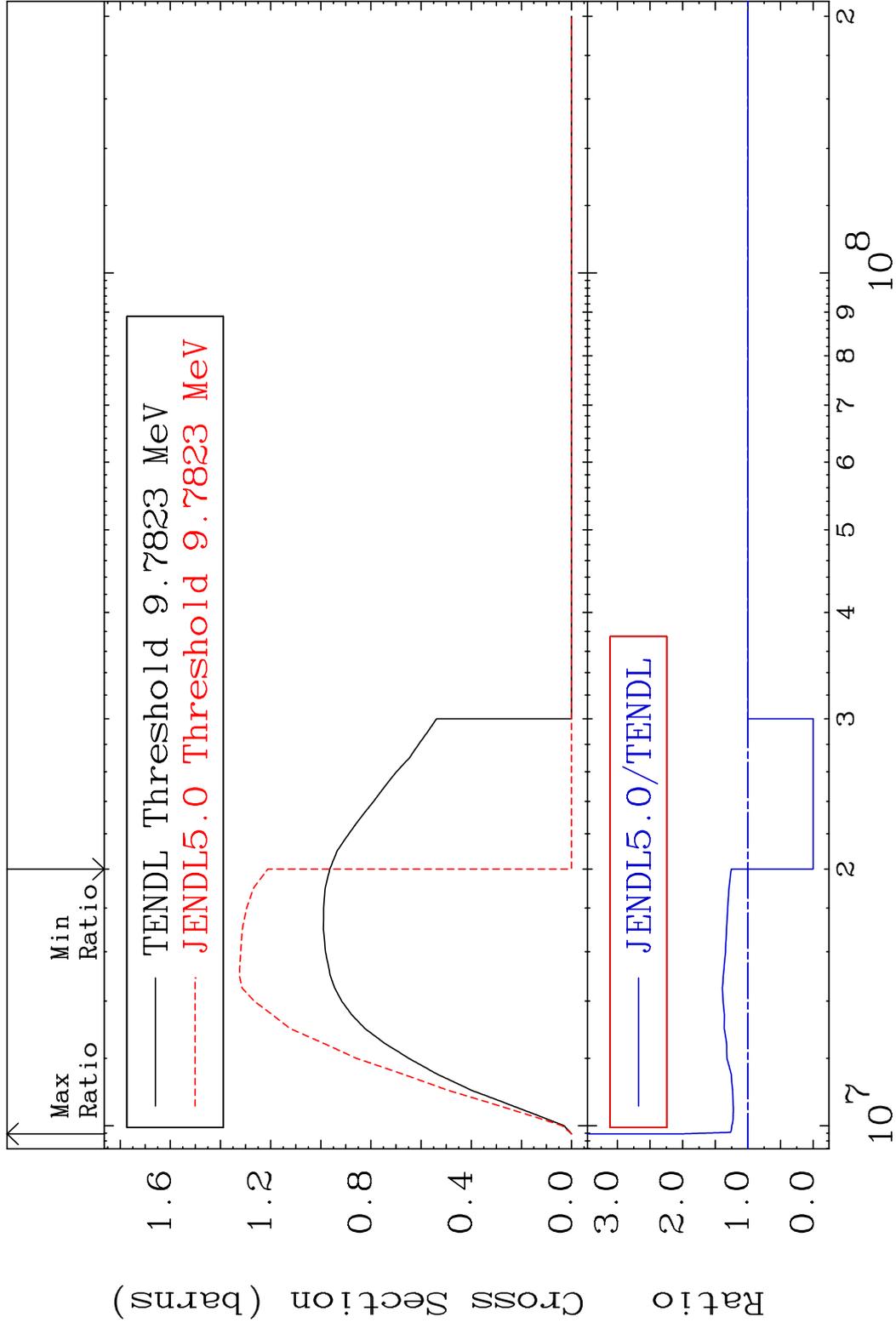


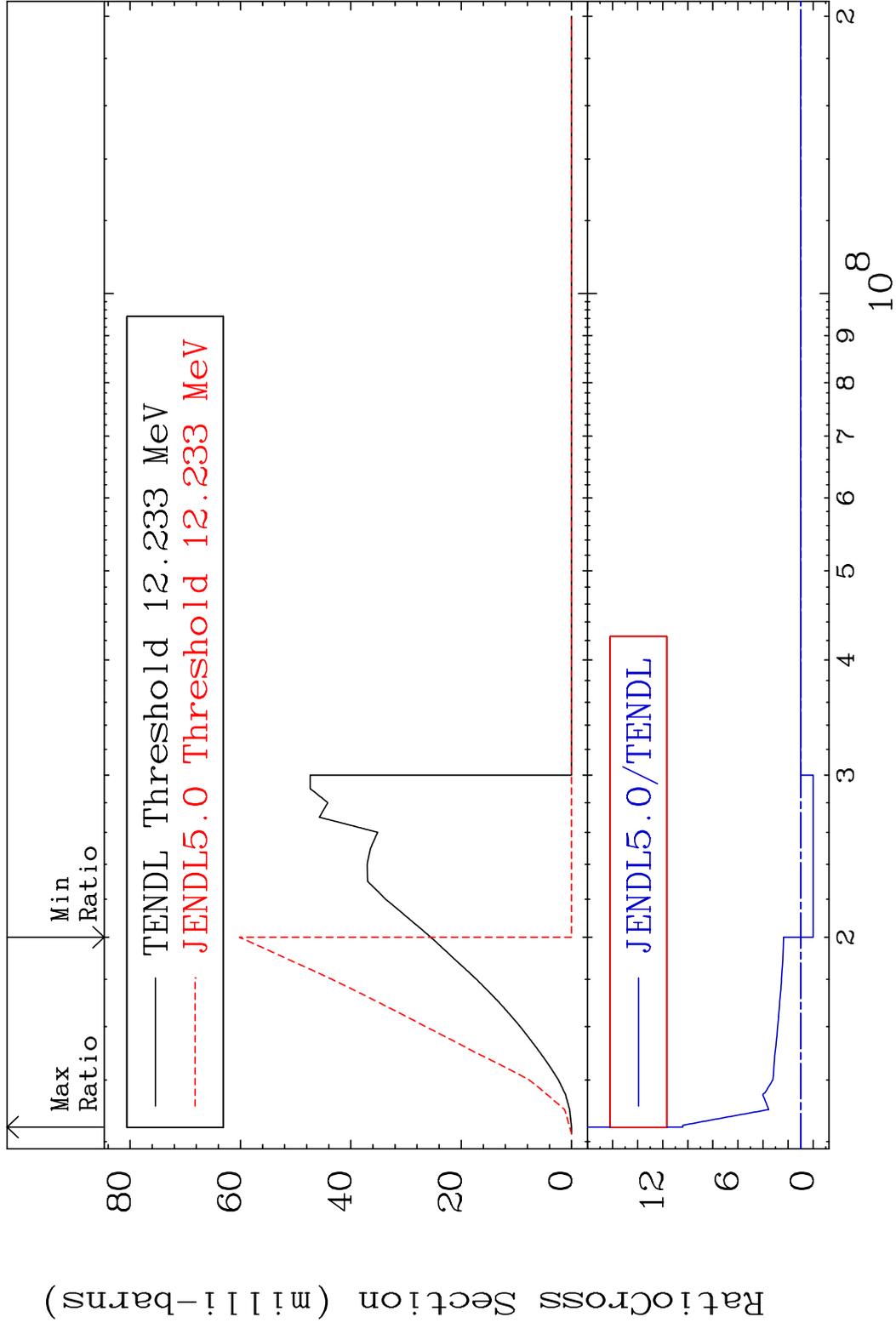
52 Incident Energy (eV) 42-Mo-94

MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -100.0 To 9999. %

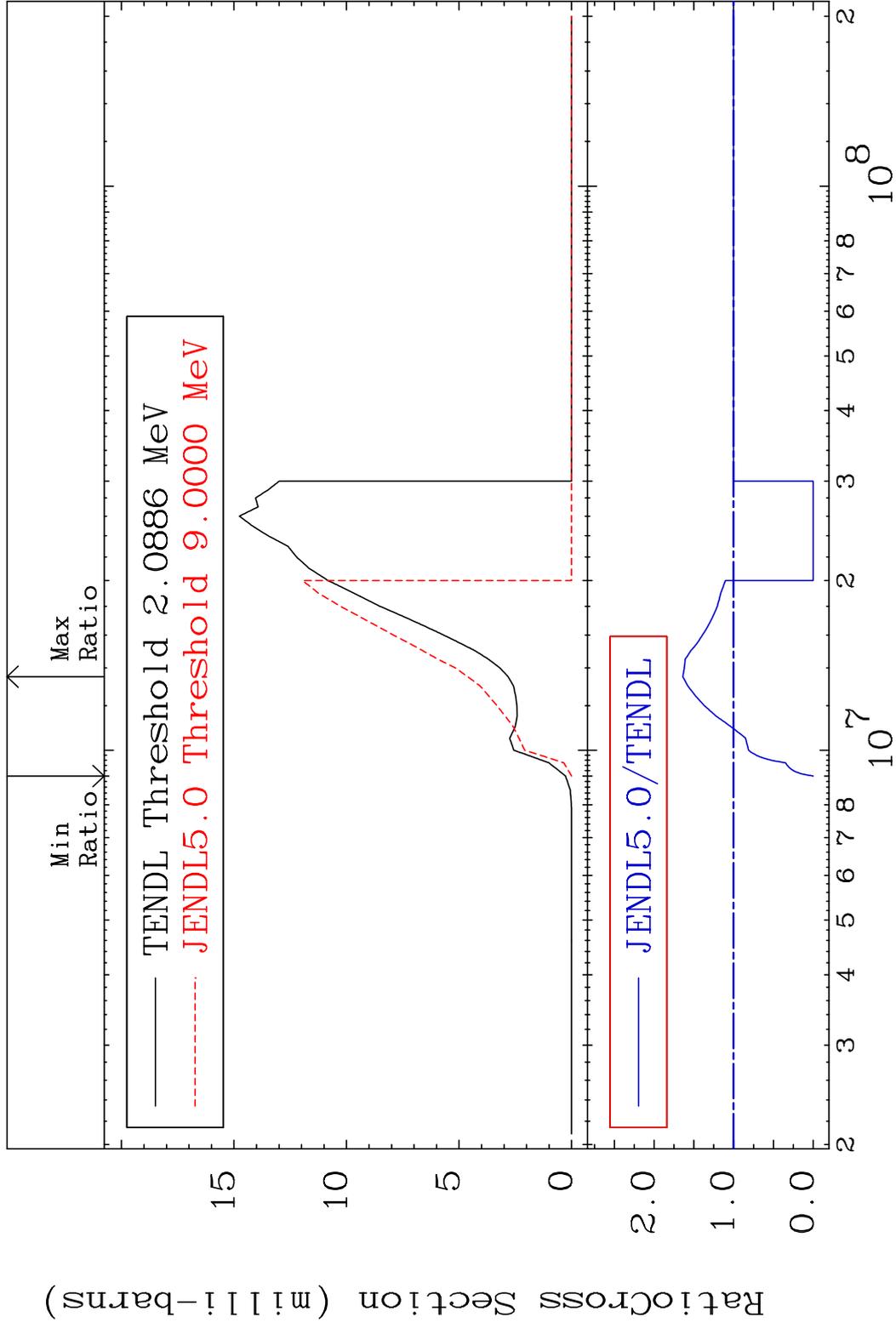


MAT 4231 (n,2n):42-Mo-93g 42-Mo-94
 Radionuclide Production Cross Section 180.01 dth 99.76 %

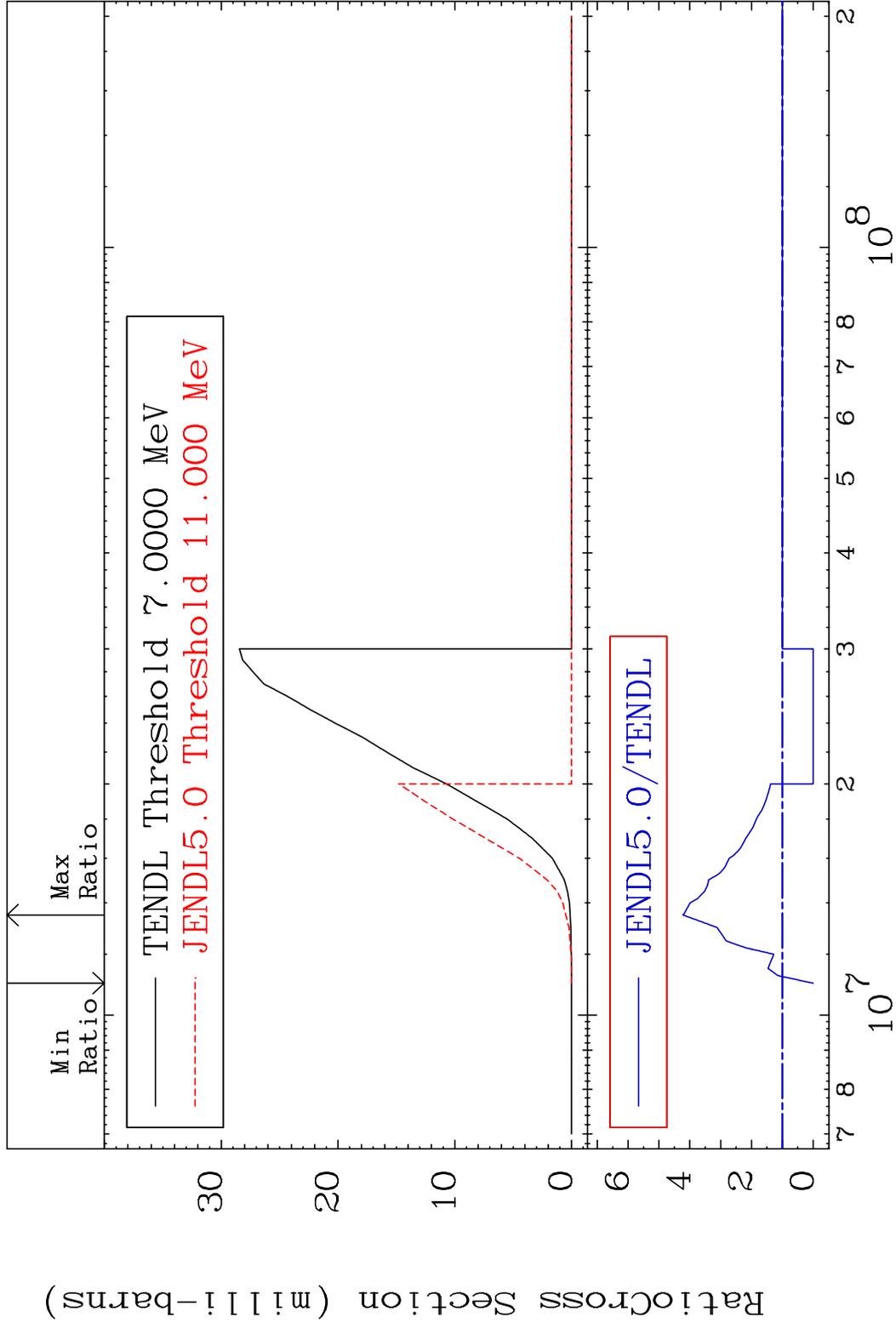


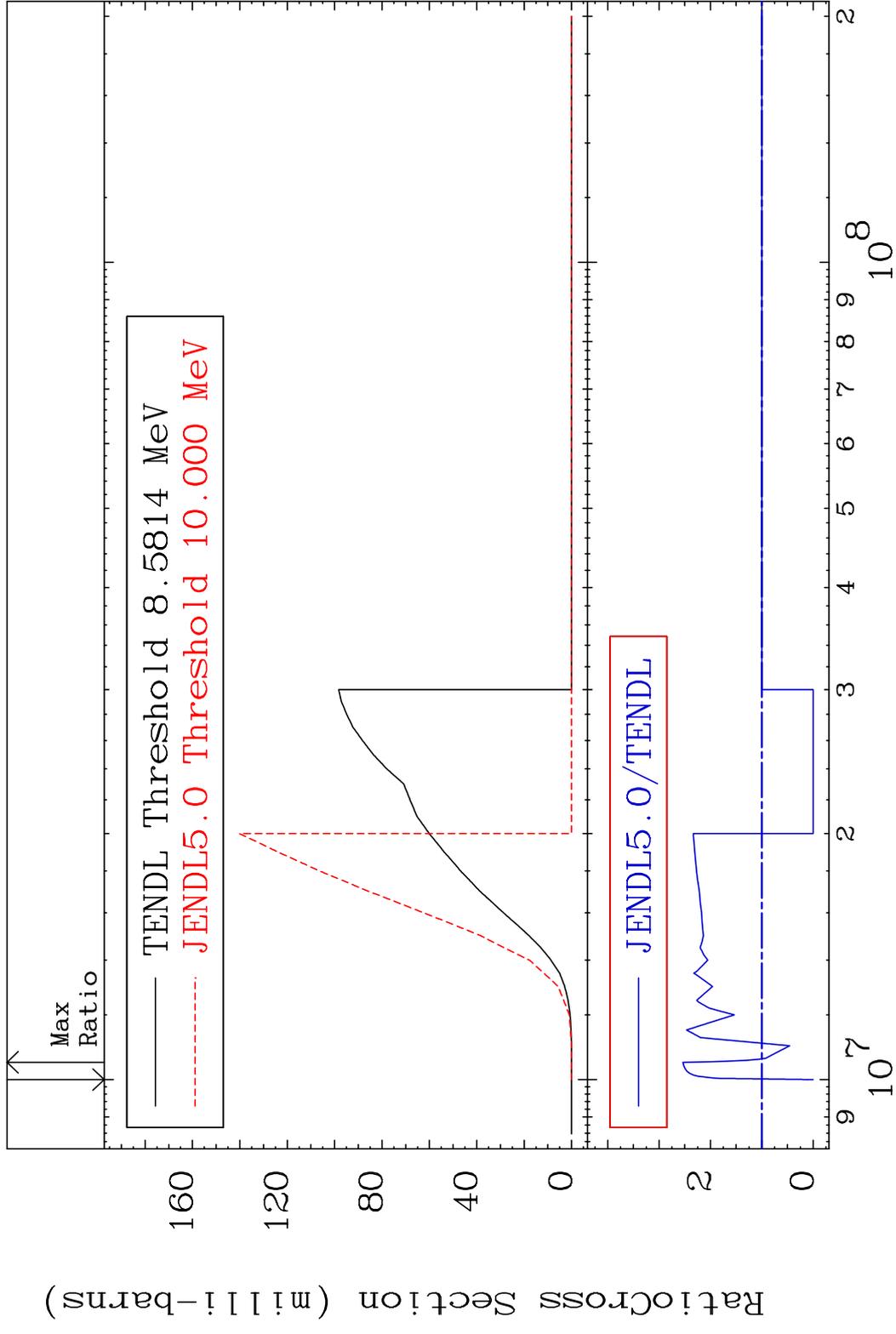


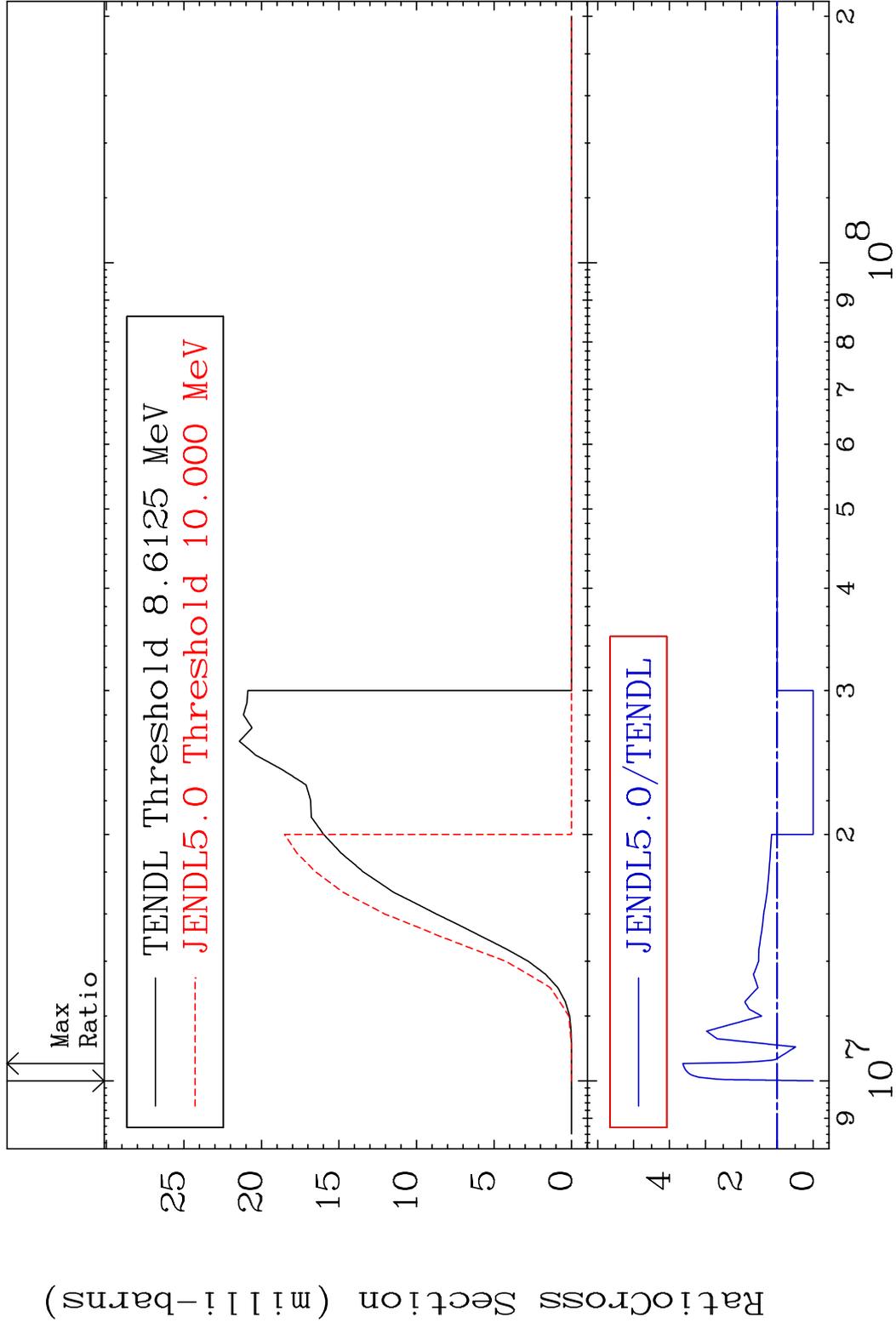
MAT 4231 (n, n') α : 40-Zr-90g 42-Mo-94
 Radionuclide Production Cross Section Ratio 63.91 %

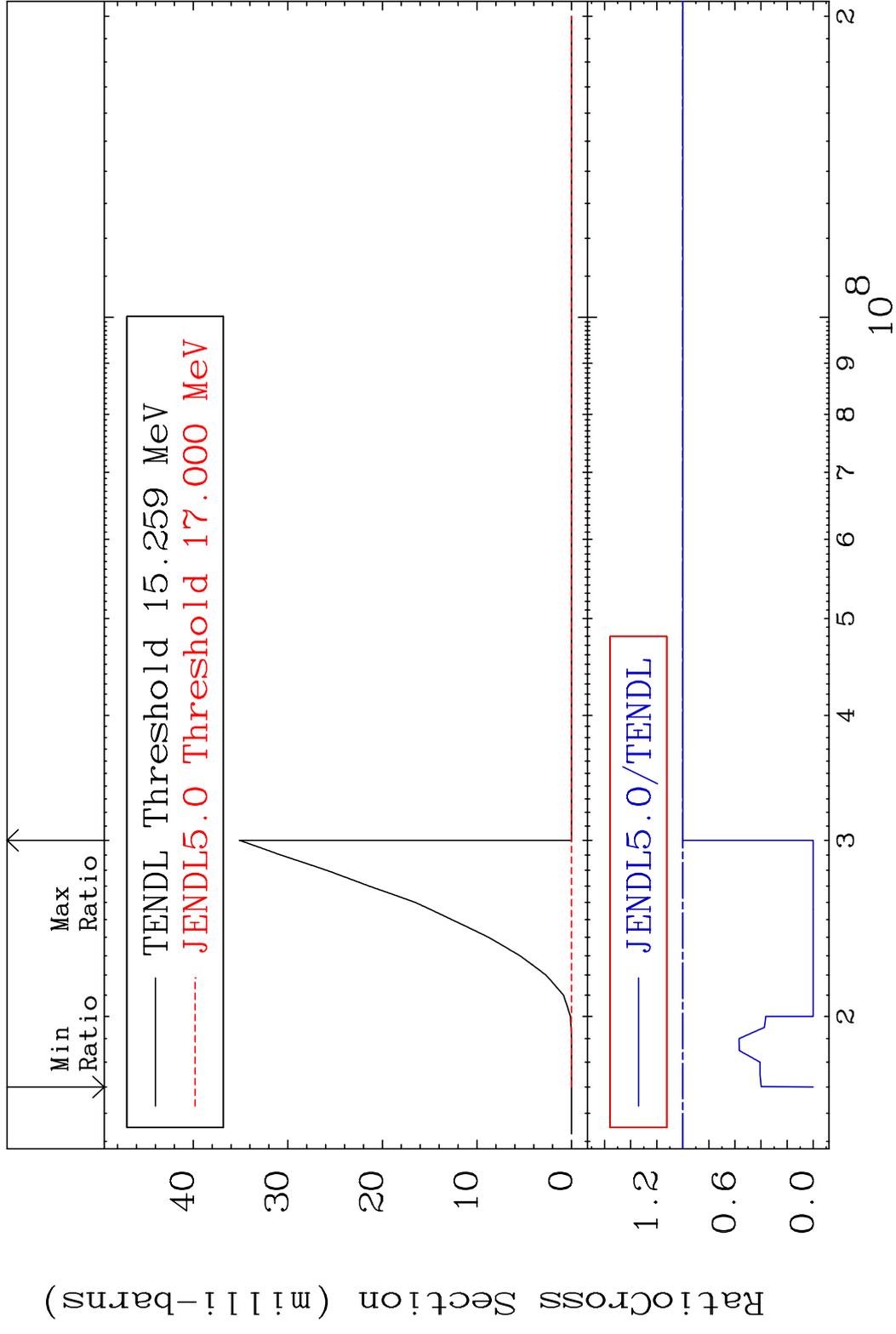


MAT 4231 (n, n') α :40-Zr-90m3 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 322.7 %

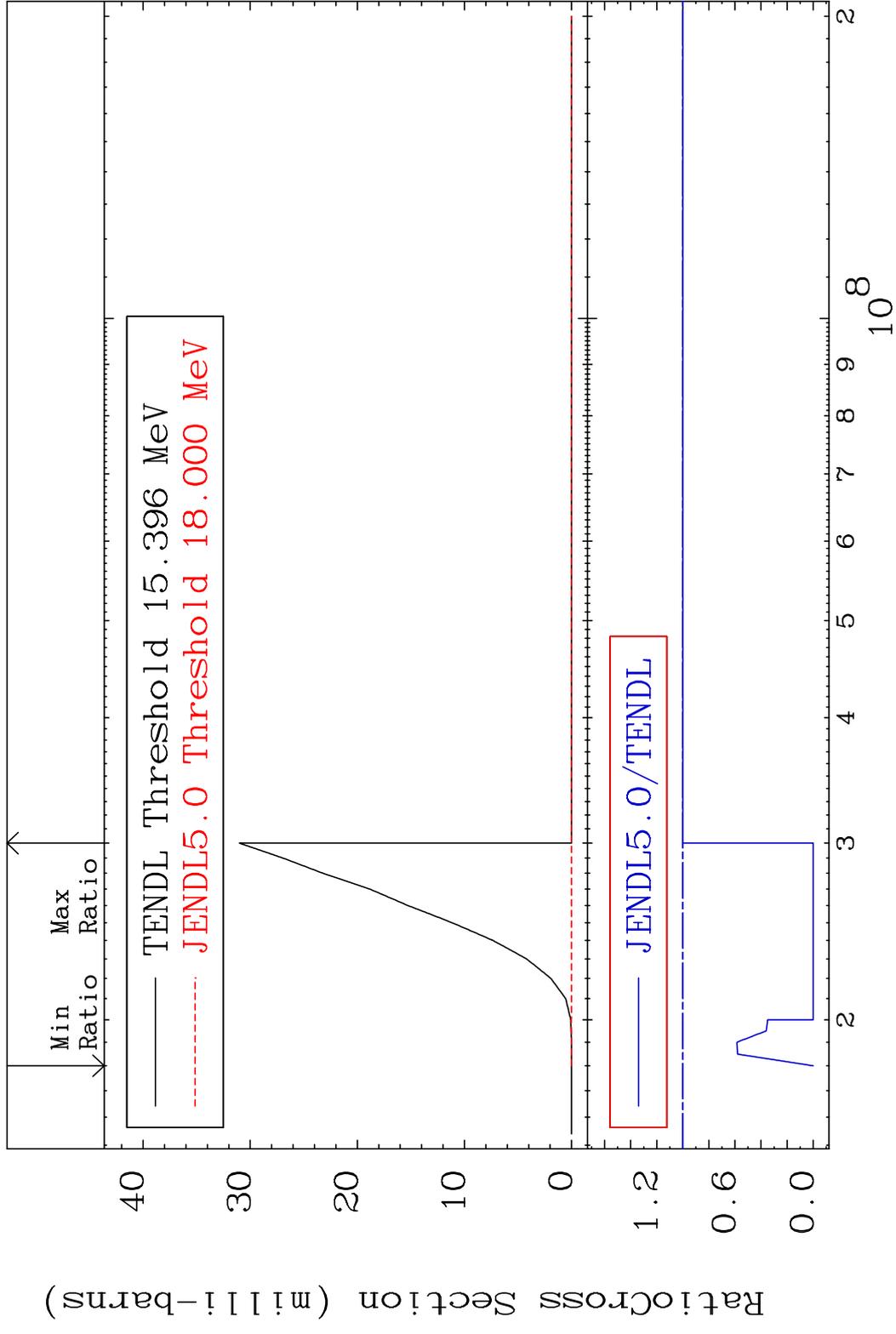




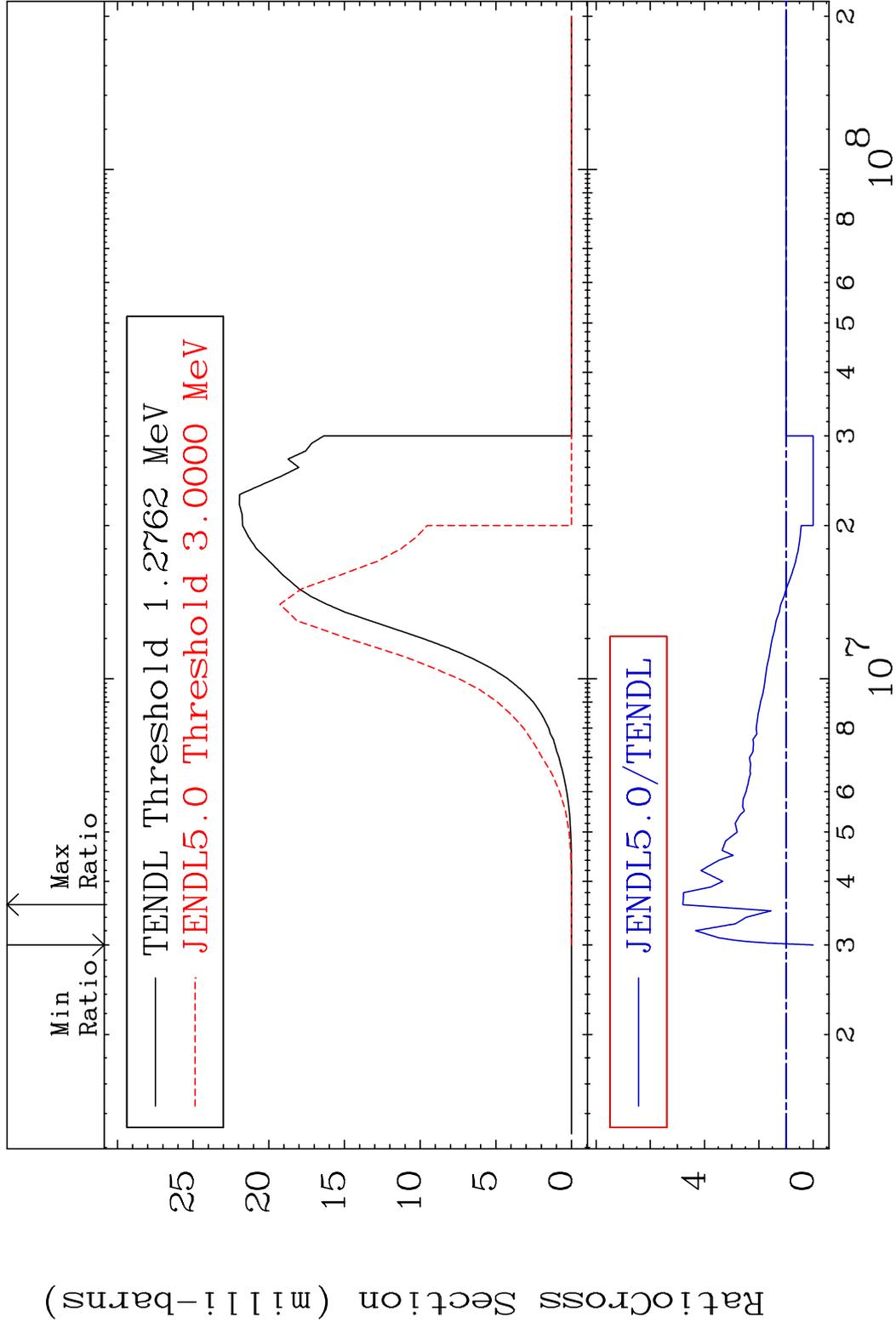




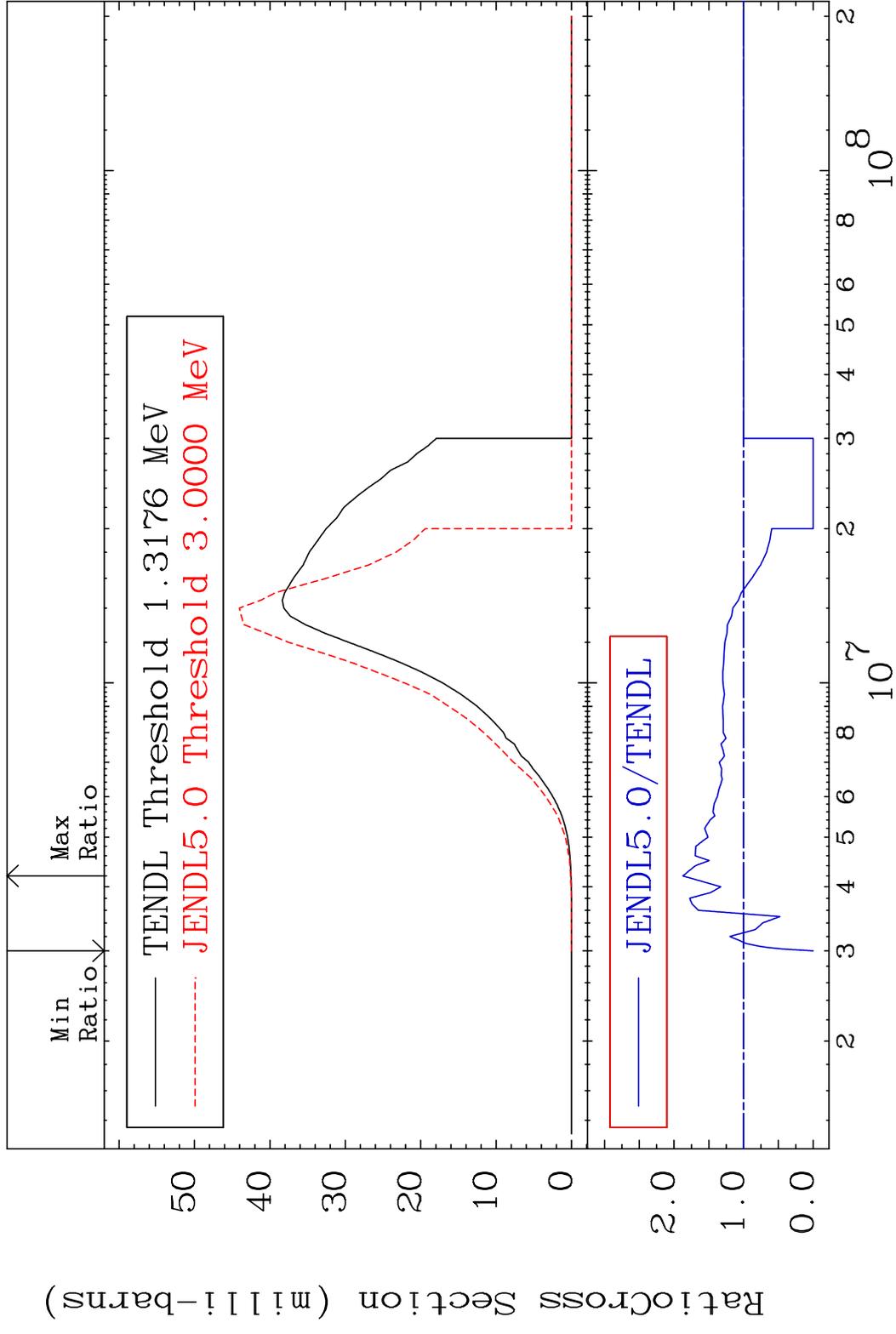
MAT 4231 (n, n') d:41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section Ratio 0.000 %



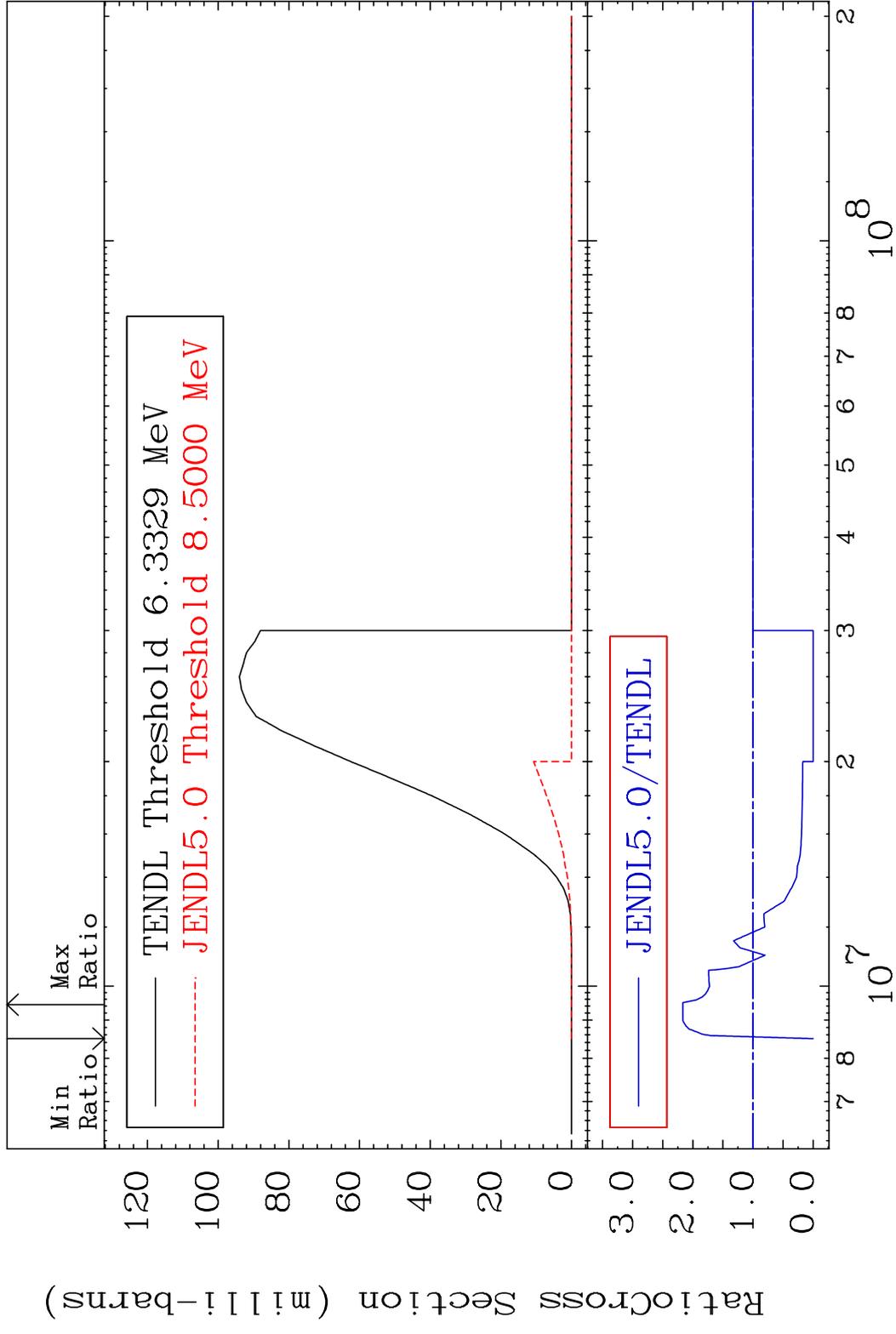
MAT 4231 (n,p):41-Nb-94g 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 380.2 %



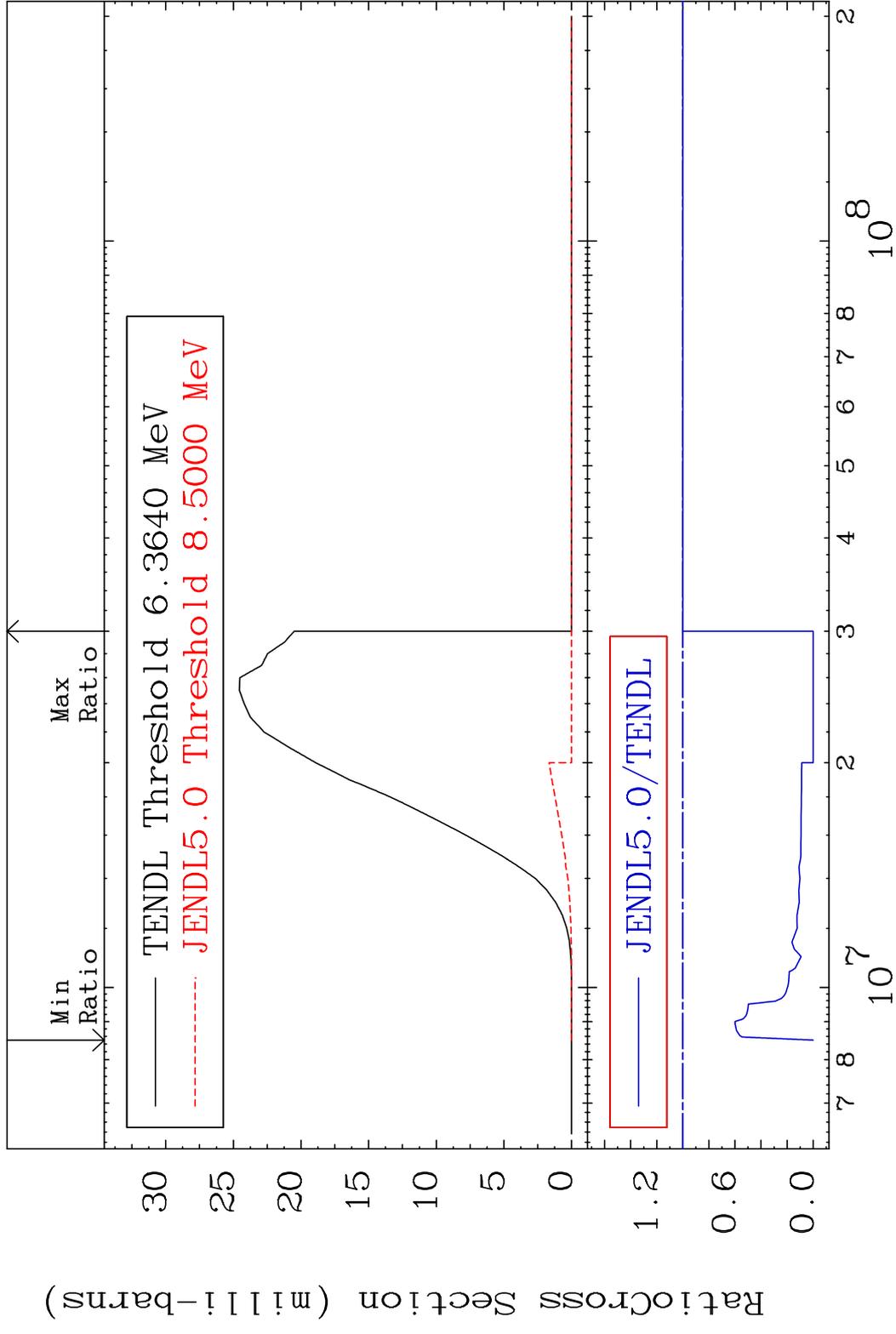
MAT 4231 (n,p):41-Nb-94m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 87.37 %



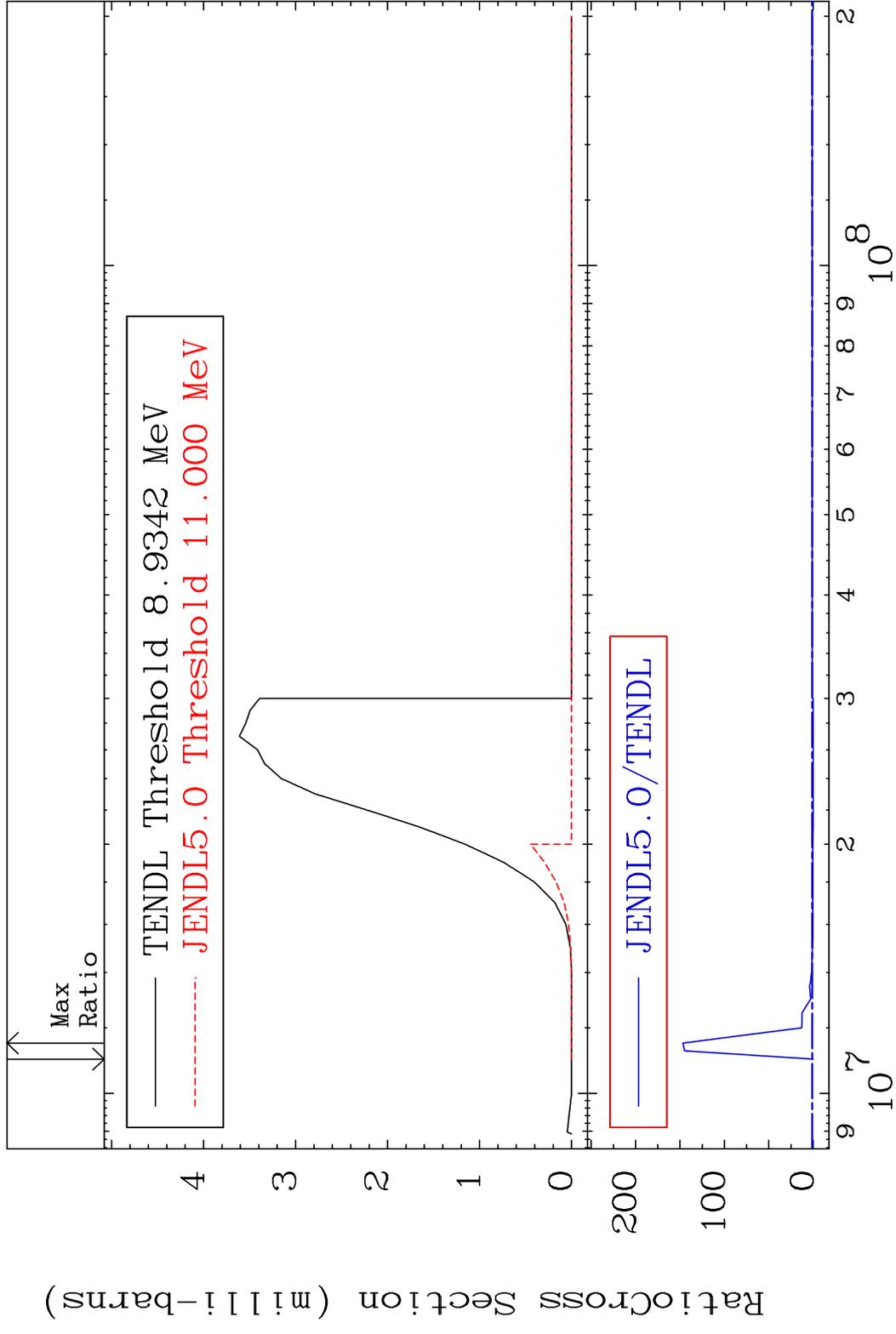
MAT 4231 (n, d) : 41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 116.6 %



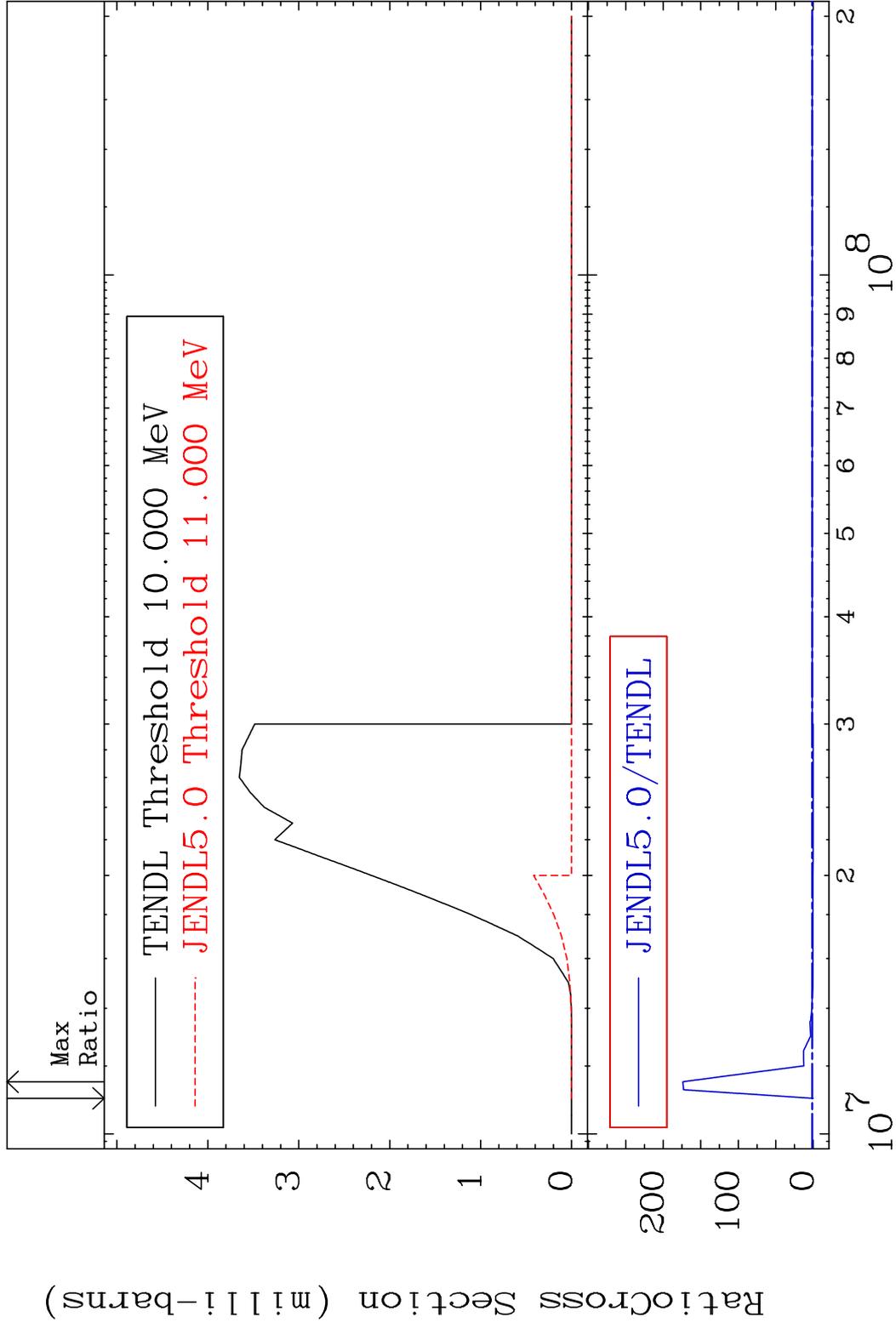
MAT 4231 (n,d):41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 0.000 %



MAT 4231 (n, t): 41-Nb-92g 42-Mo-94
 Radionuclide Production Cross Section (%) 9999. %



MAT 4231 (n, t): 41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section (%)



67 Incident Energy (eV) 42-Mo-94