

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

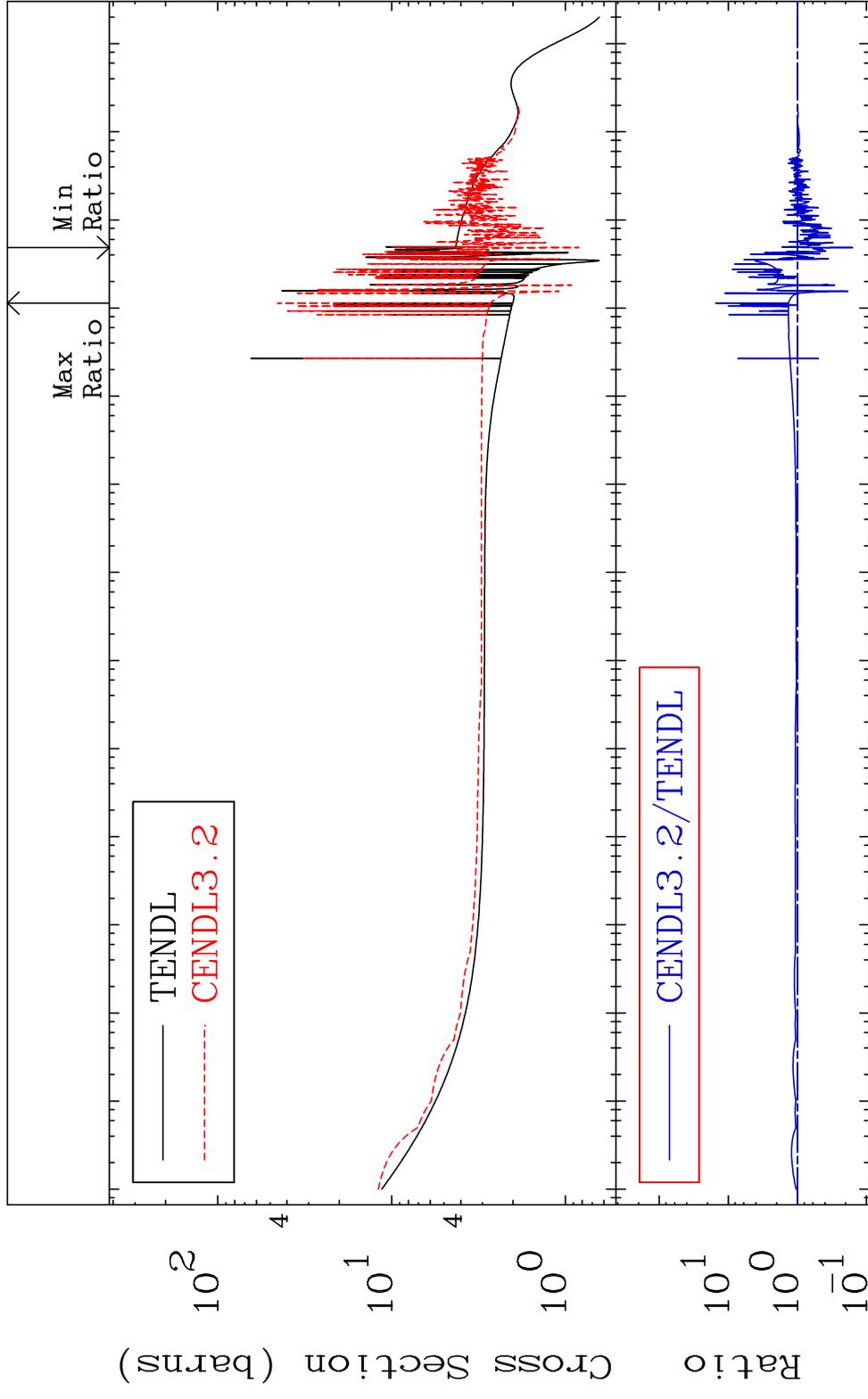
Press Mouse Button to Start

MAT 1525

Total

15-P -31

Cross Section -84.05 To 1417. %



1

Incident Energy (eV)

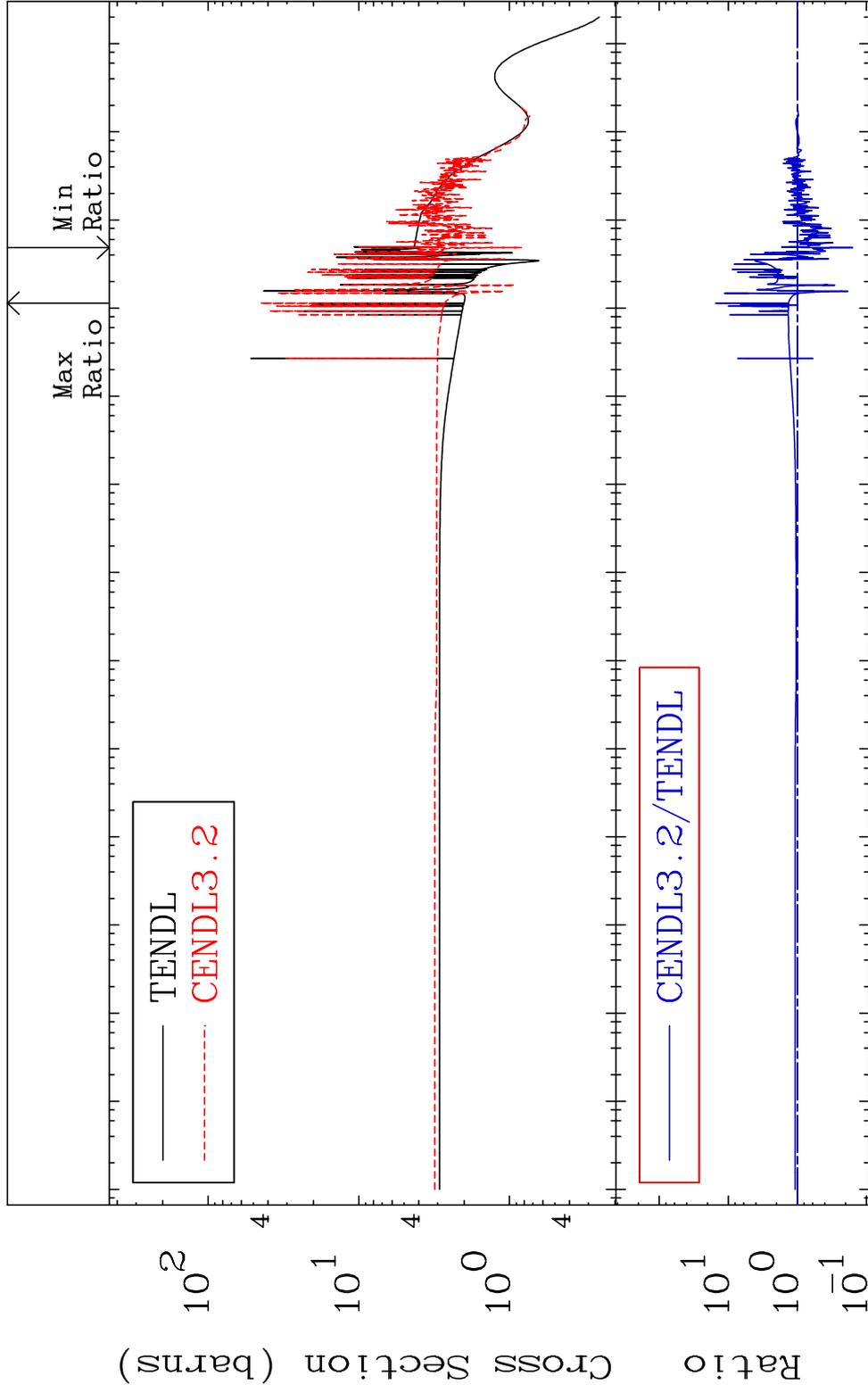
15-P -31

MAT 1525

Elastic

15-P -31

Cross Section -84.08 To 1411. %

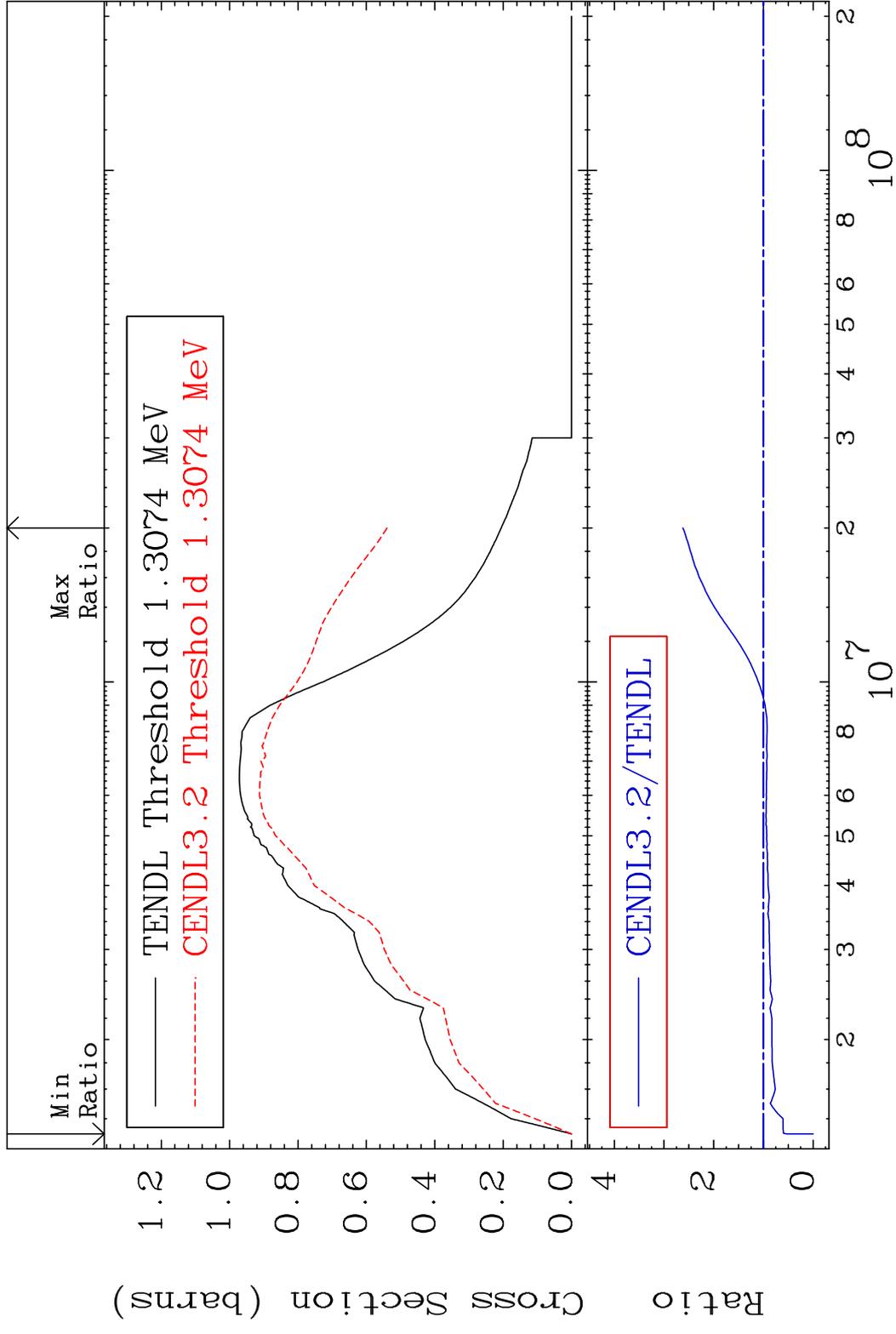


2

Incident Energy (eV)

15-P -31

MAT 1525 Inelastic 15-P -31
 Cross Section -100.0 To 162.1 %

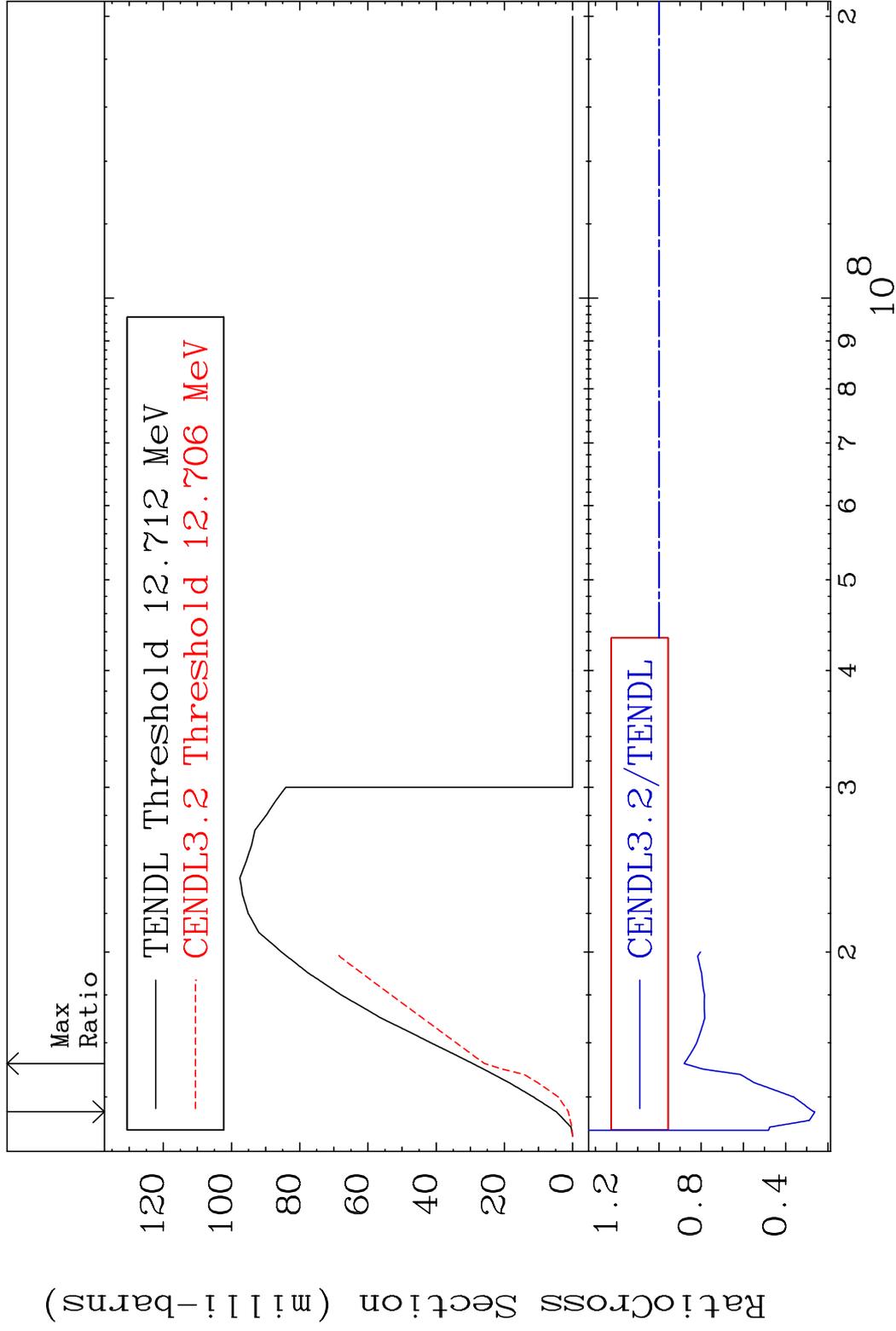


MAT 1525

(n,2n)

15-P -31

Cross Section -73.74 To -11.94%



4

Incident Energy (eV)

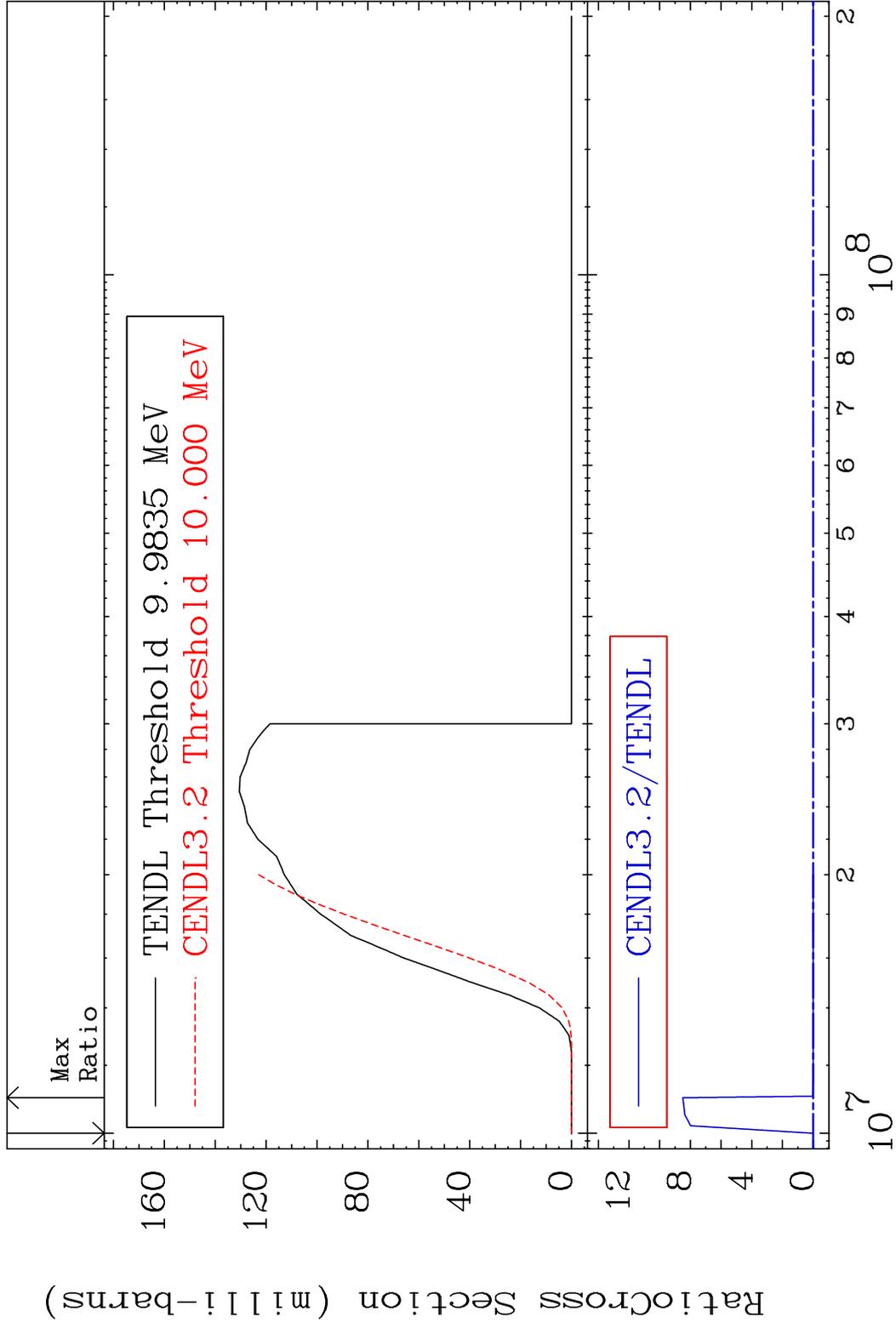
15-P -31

MAT 1525

(n, n') α

15-P -31

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

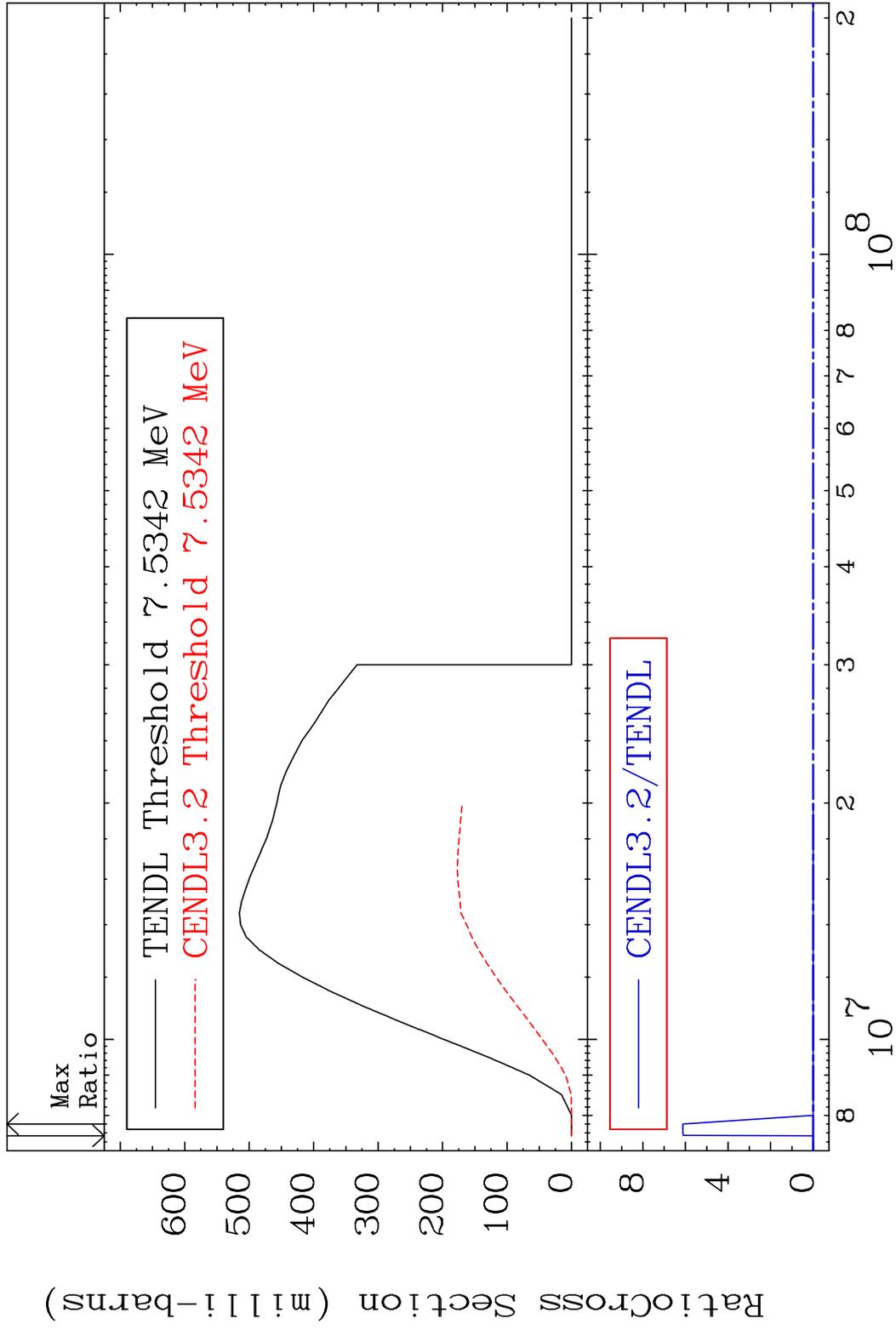
15-P -31

MAT 1525

(n, n') p

15-P -31

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

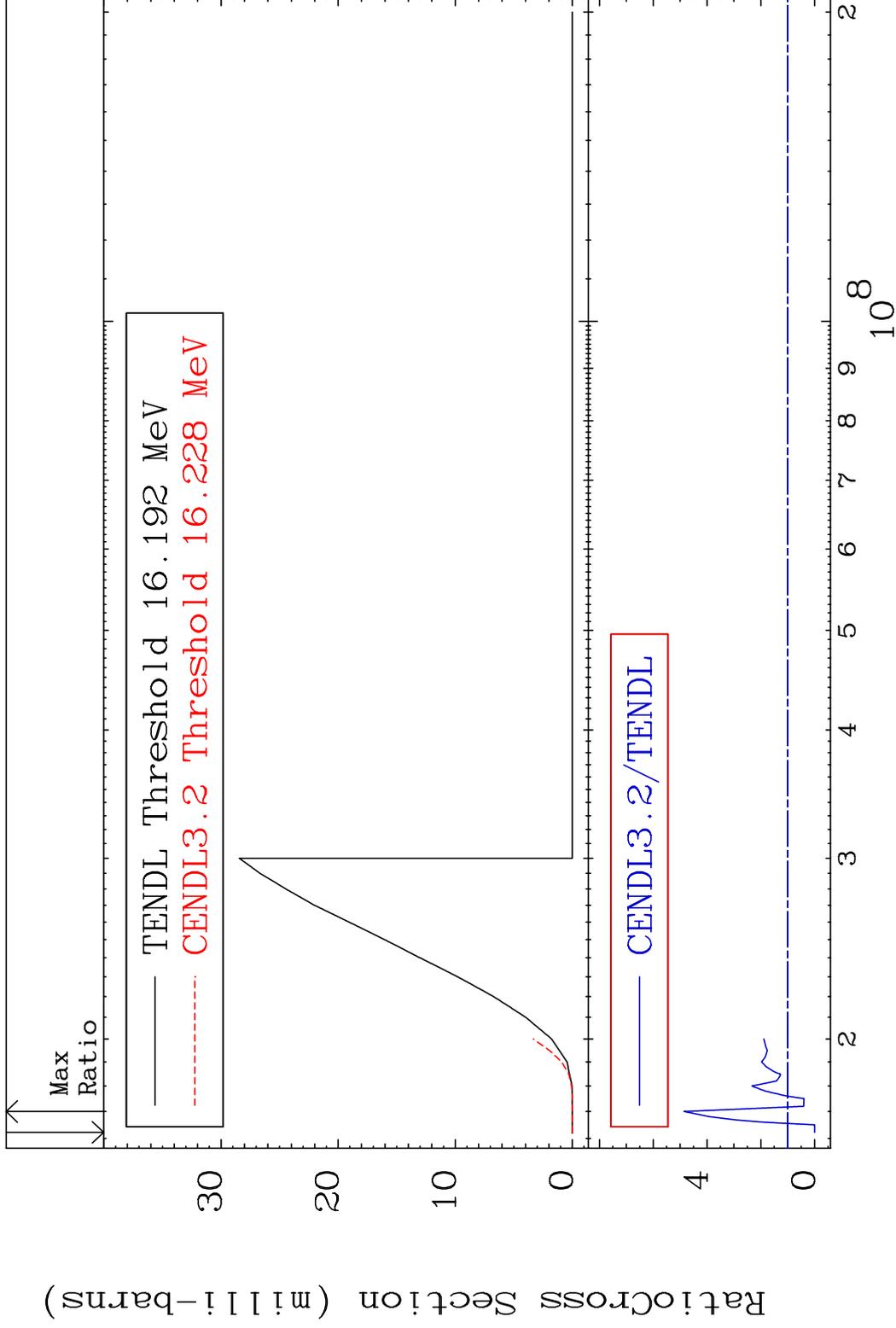
15-P -31

MAT 1525

(n, n') d

15-P -31

Cross Section -100.0 To 385.8 %

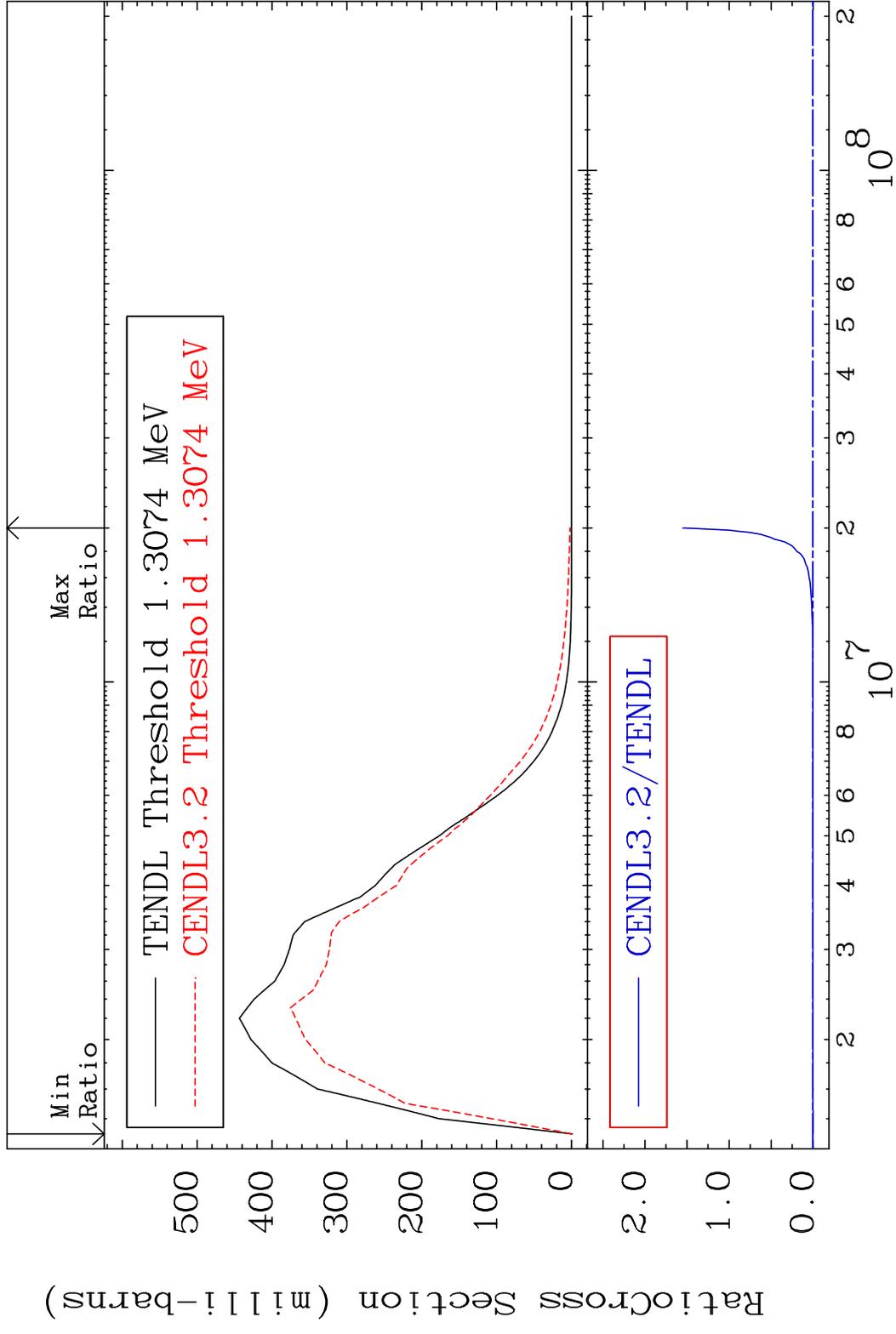


7

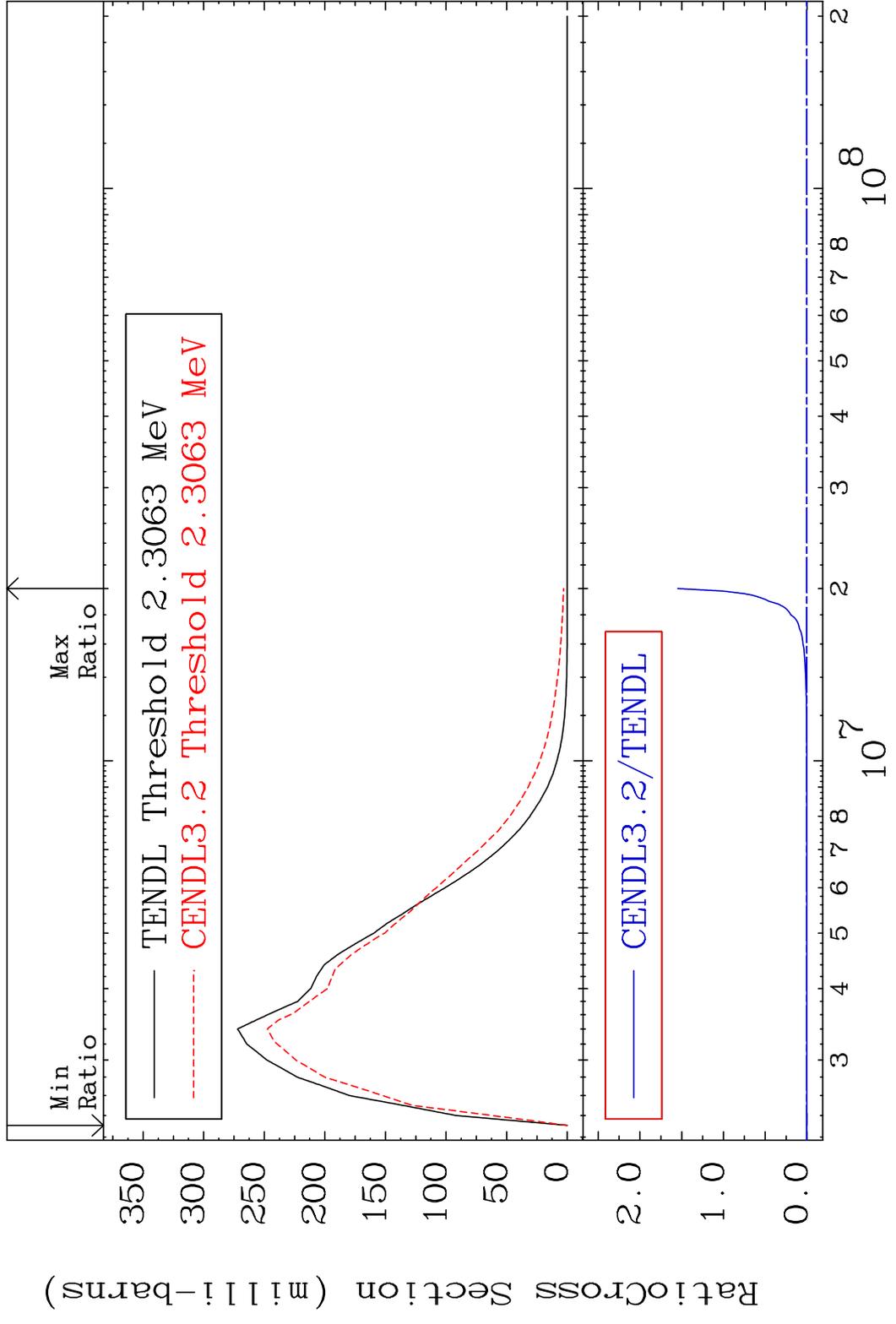
Incident Energy (eV)

15-P -31

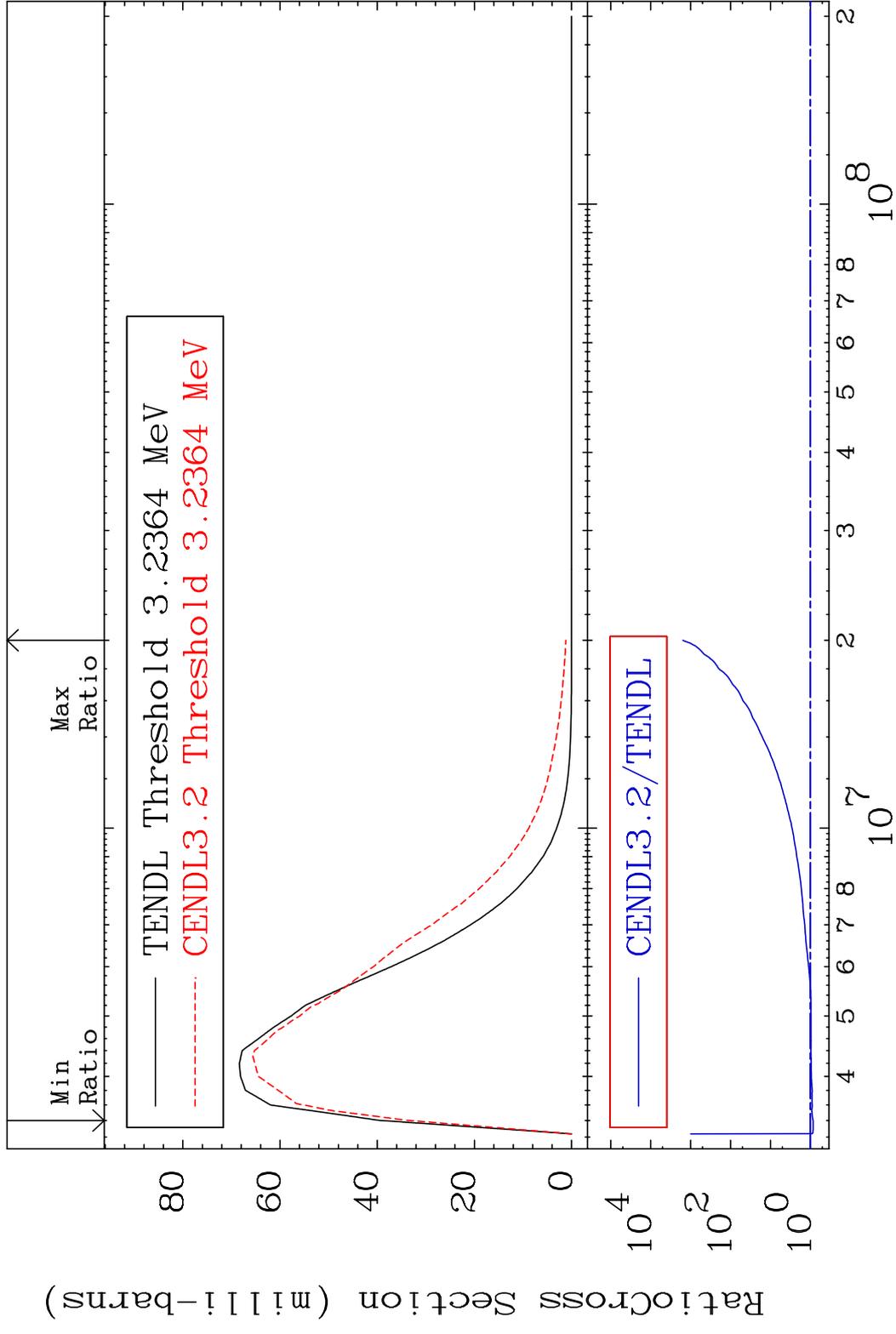
MAT 1525 MT= 51 (n, n') Level 15-P -31
 Cross Section -100.0 To 9999. %



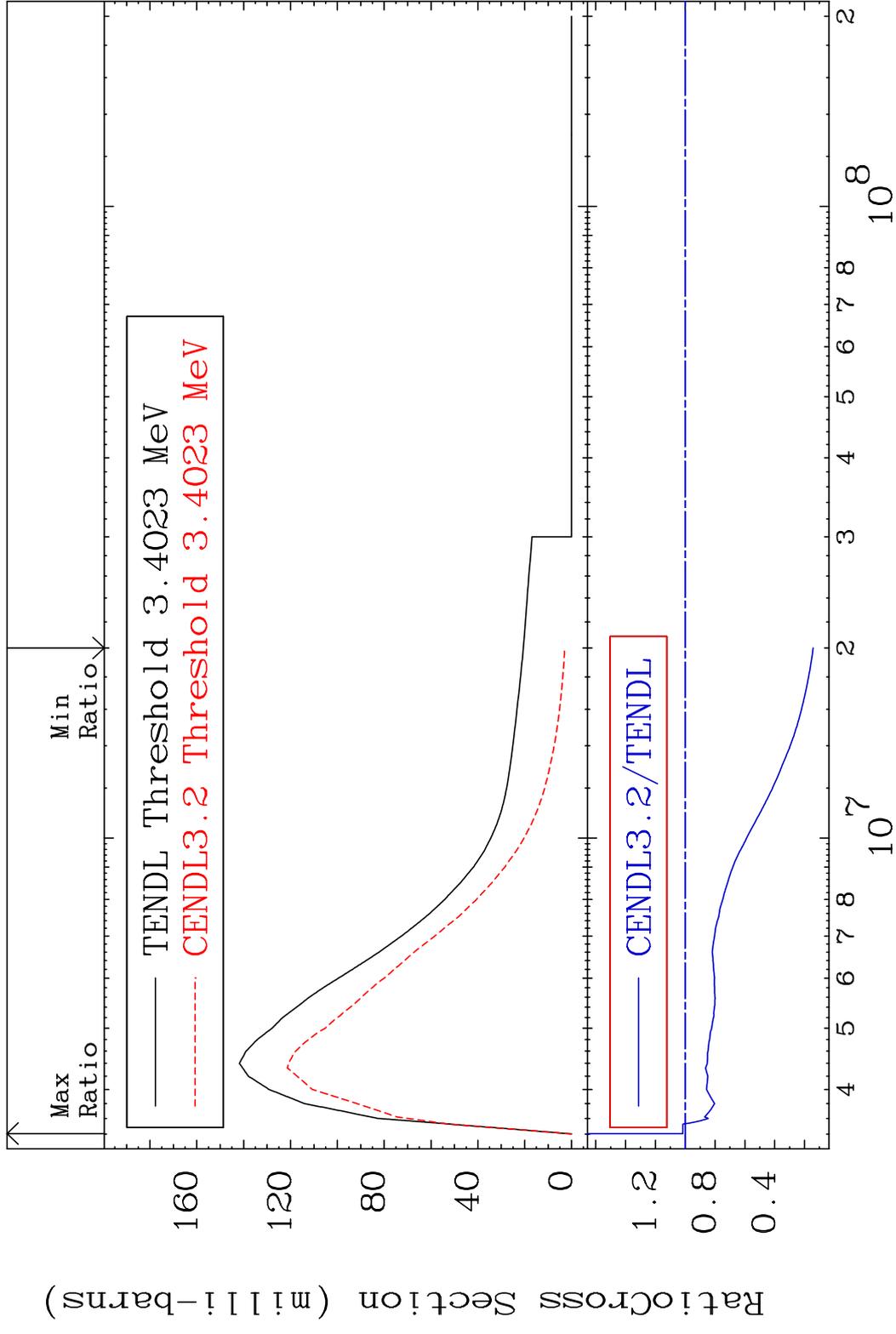
MAT 1525 MT= 52 (n, n') Level 15-P -31
 Cross Section -100.0 To 9999. %



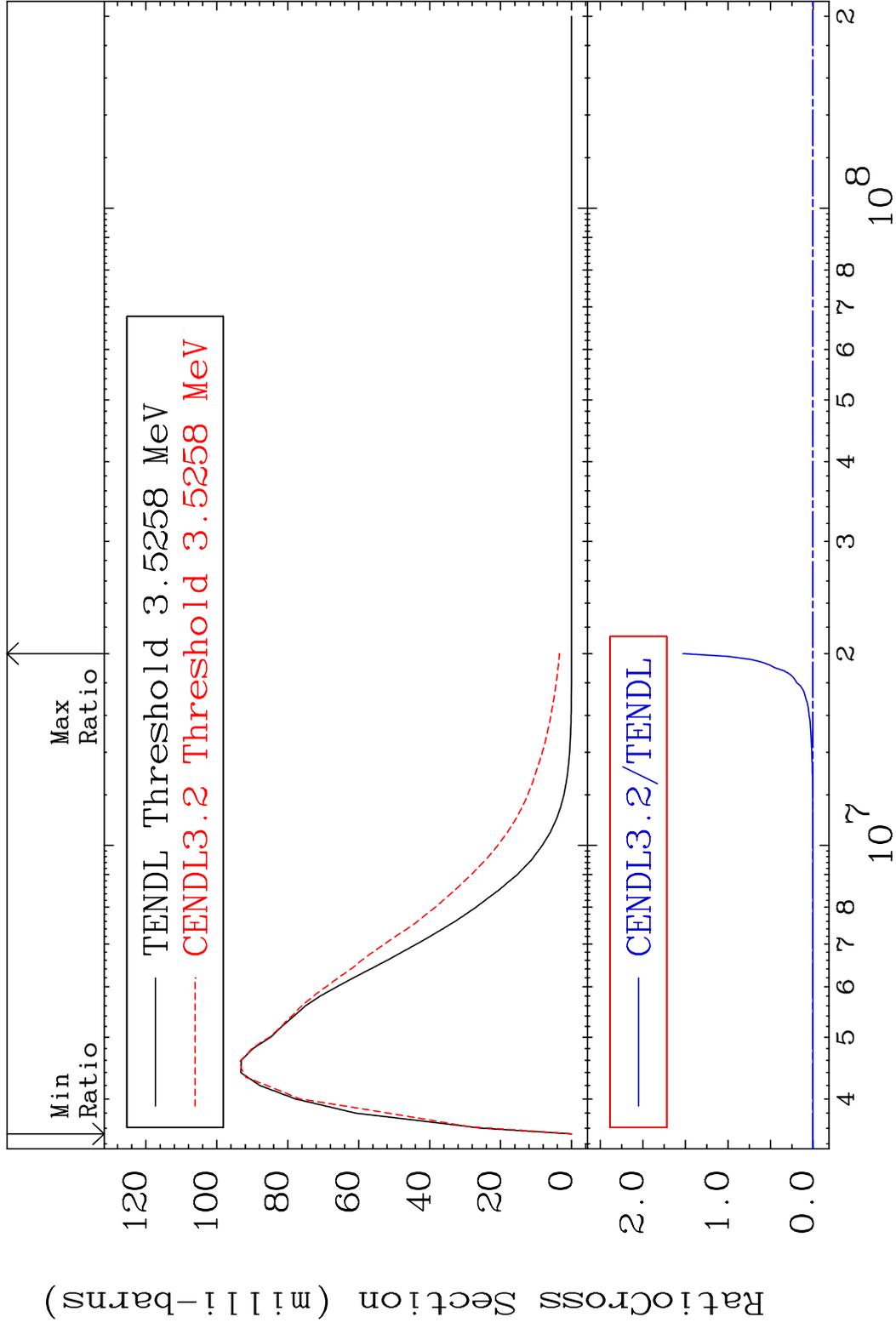
MAT 1525 MT= 53 (n, n') Level 15-P -31
 Cross Section -14.90 To 9999. %



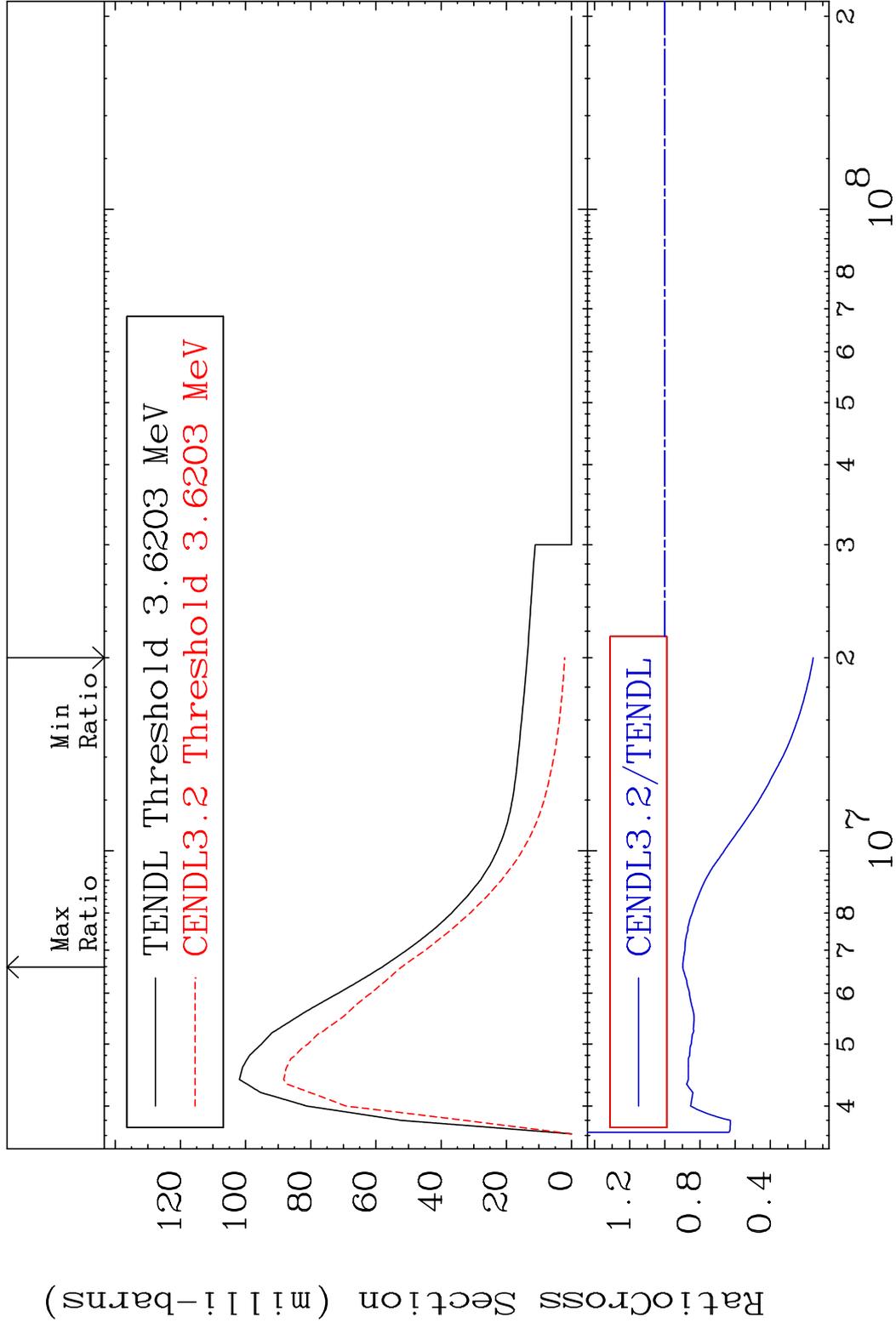
MAT 1525 MT= 54 (n,n') Level 15-P -31
 Cross Section -85.77 To 1.614 %



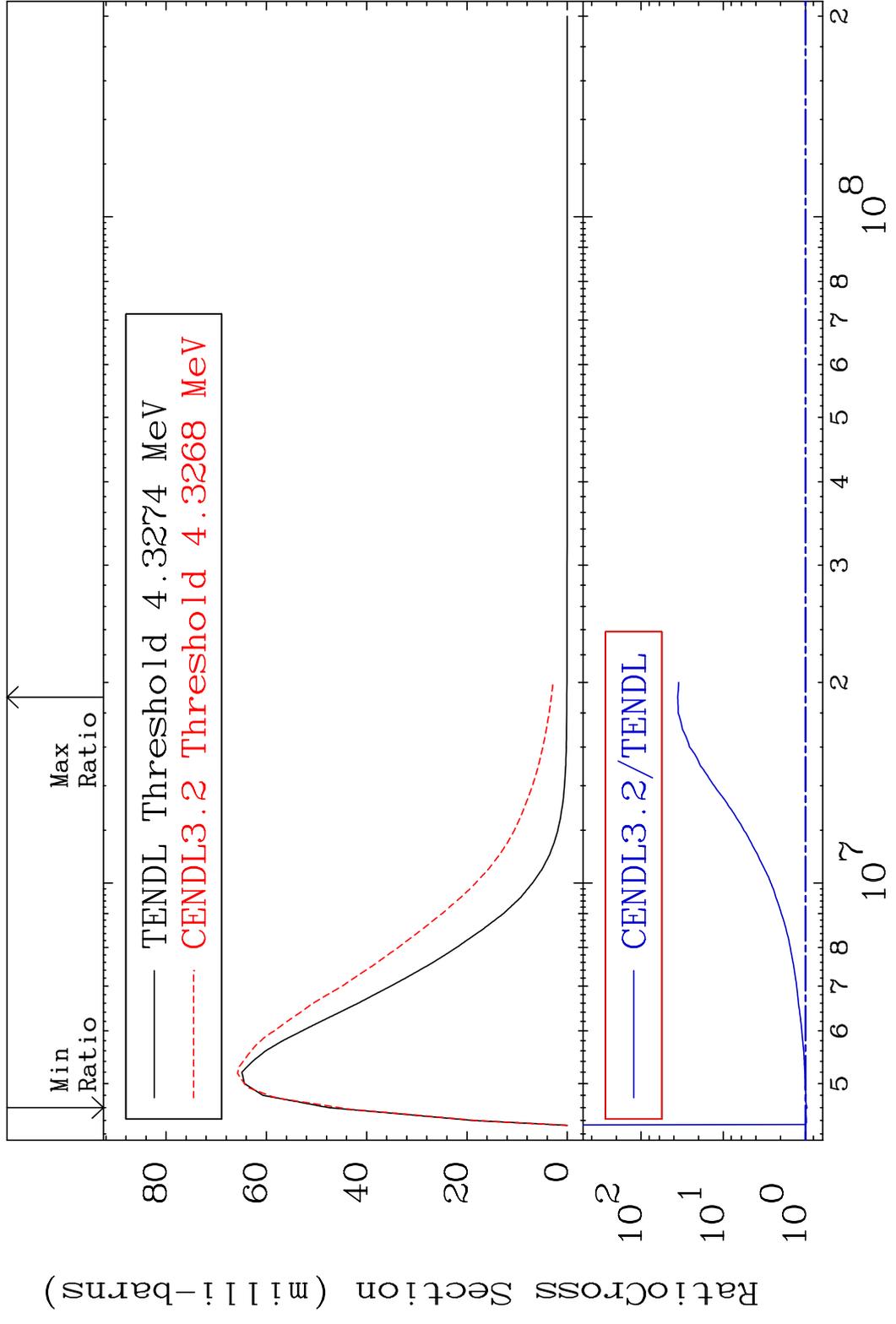
MAT 1525 MT= 55 (n,n') Level 15-P -31
 Cross Section -100.0 To 9999. %



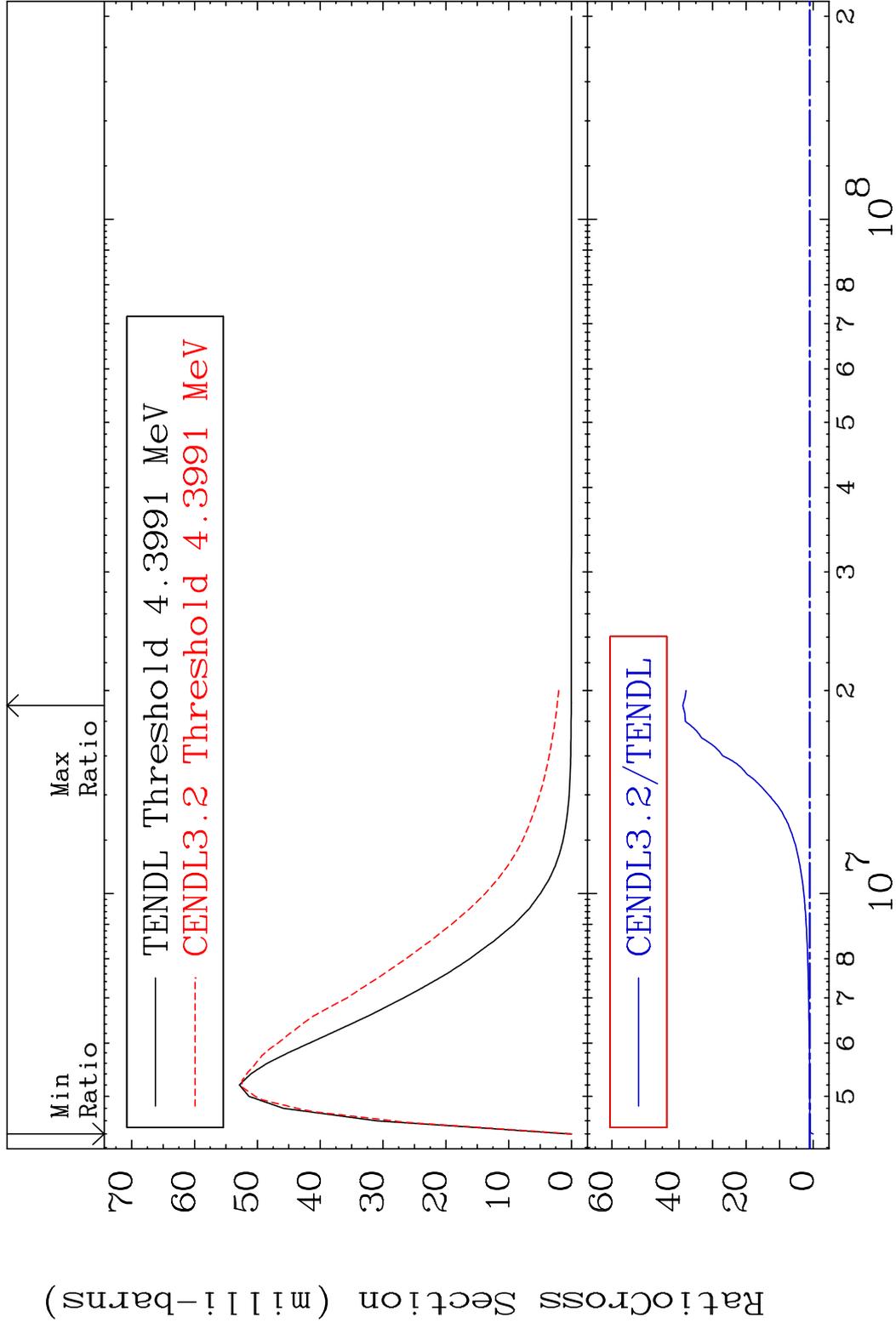
MAT 1525 MT= 56 (n,n') Level 15-P -31
 Cross Section -84.45 To -10.23%



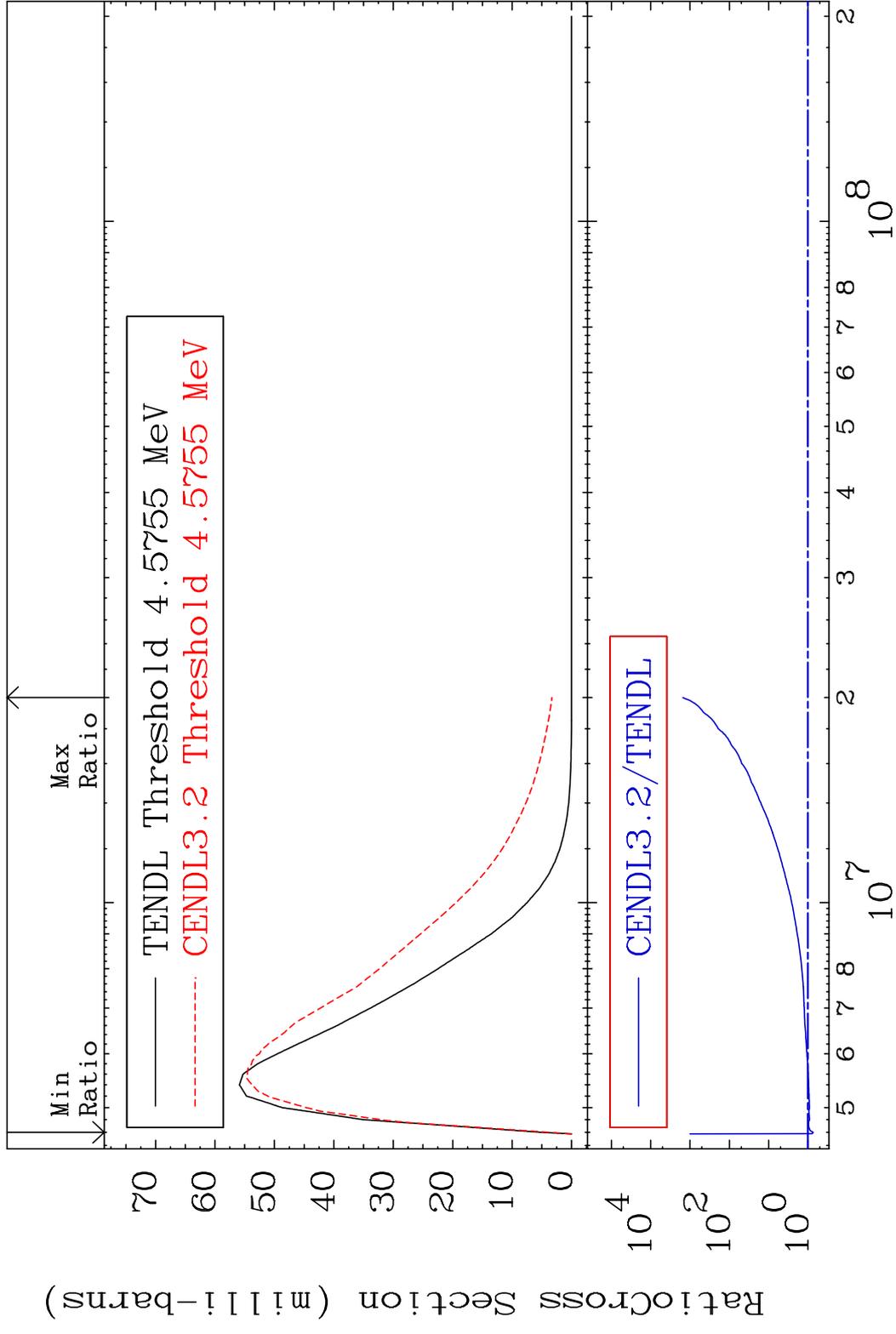
MAT 1525 MT= 57 (n,n') Level 15-P -31
 Cross Section -4.488 To 3487. %



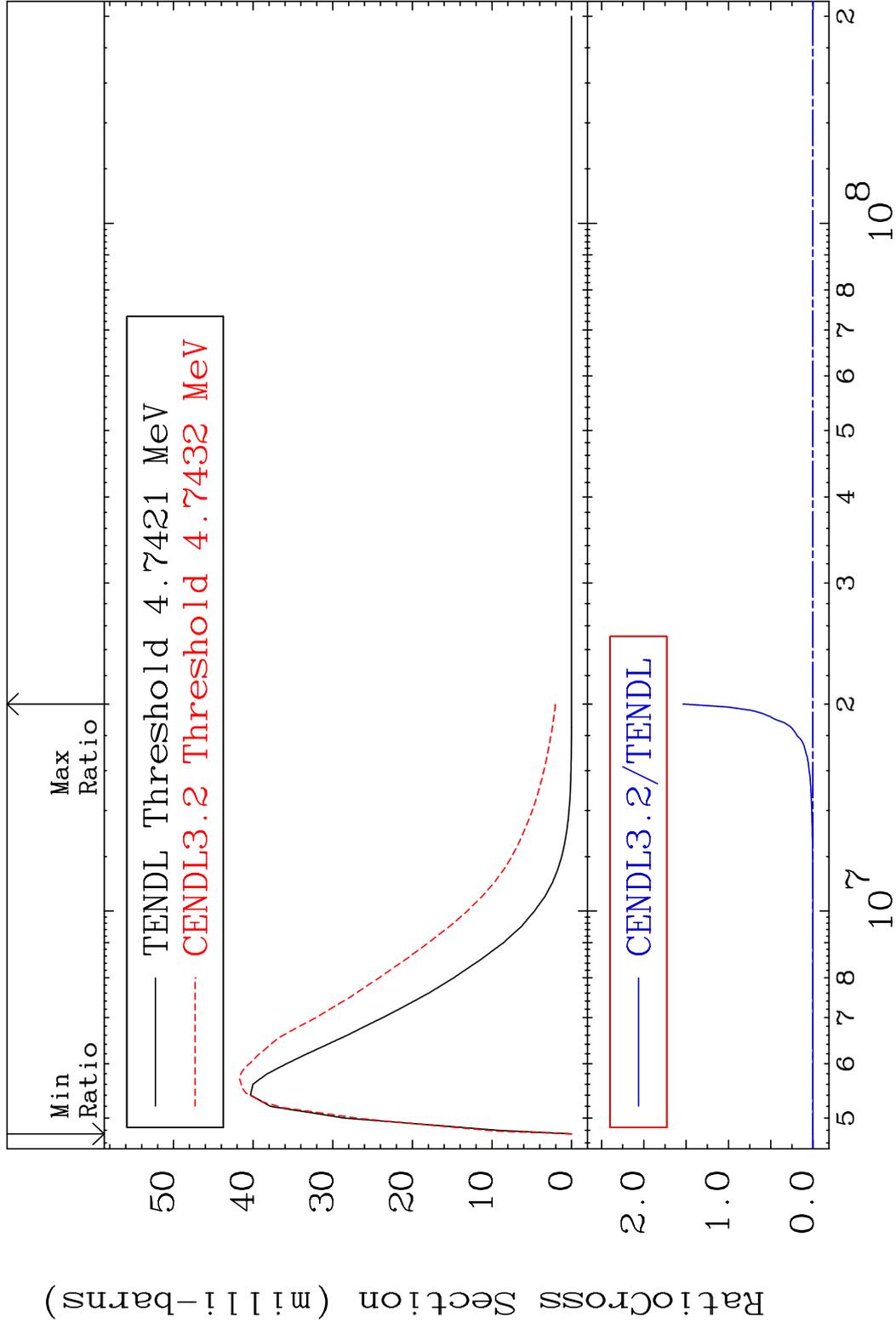
MAT 1525 MT= 58 (n,n') Level 15-P -31
 Cross Section -100.0 To 3786. %



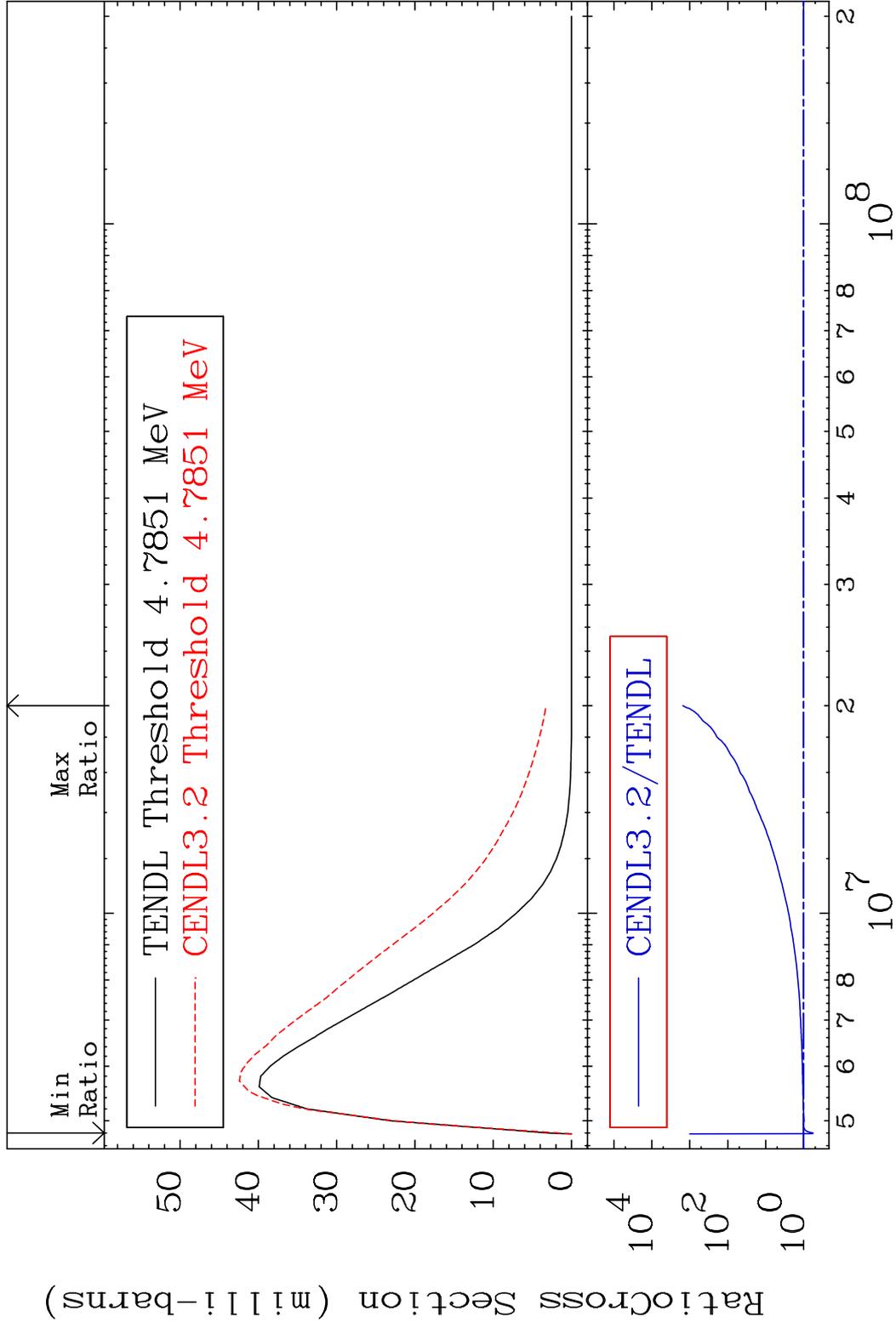
MAT 1525 MT= 59 (n,n') Level 15-P -31
 Cross Section -25.95 To 9999. %



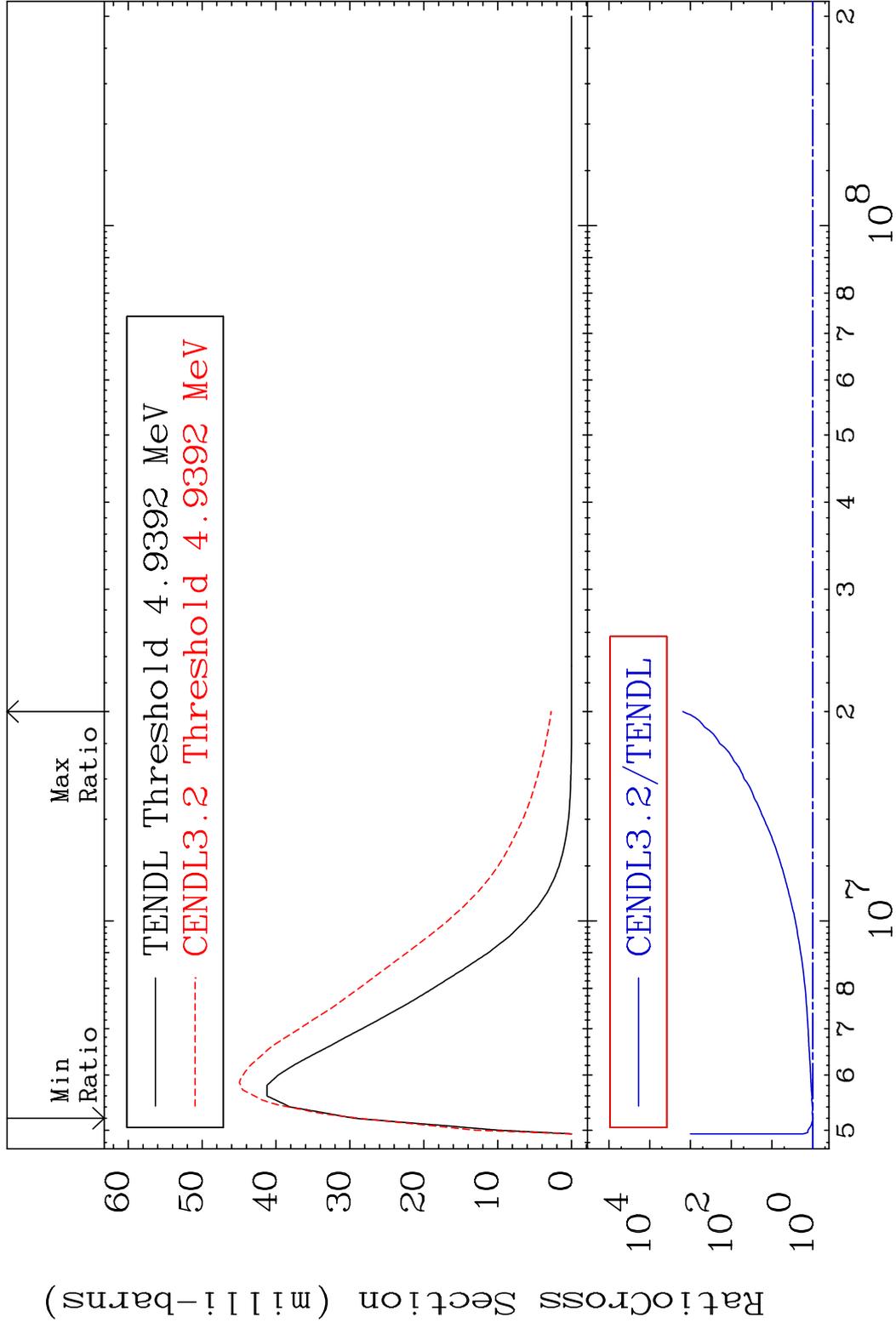
MAT 1525 MT= 60 (n,n') Level 15-P -31
 Cross Section -100.0 To 9999. %



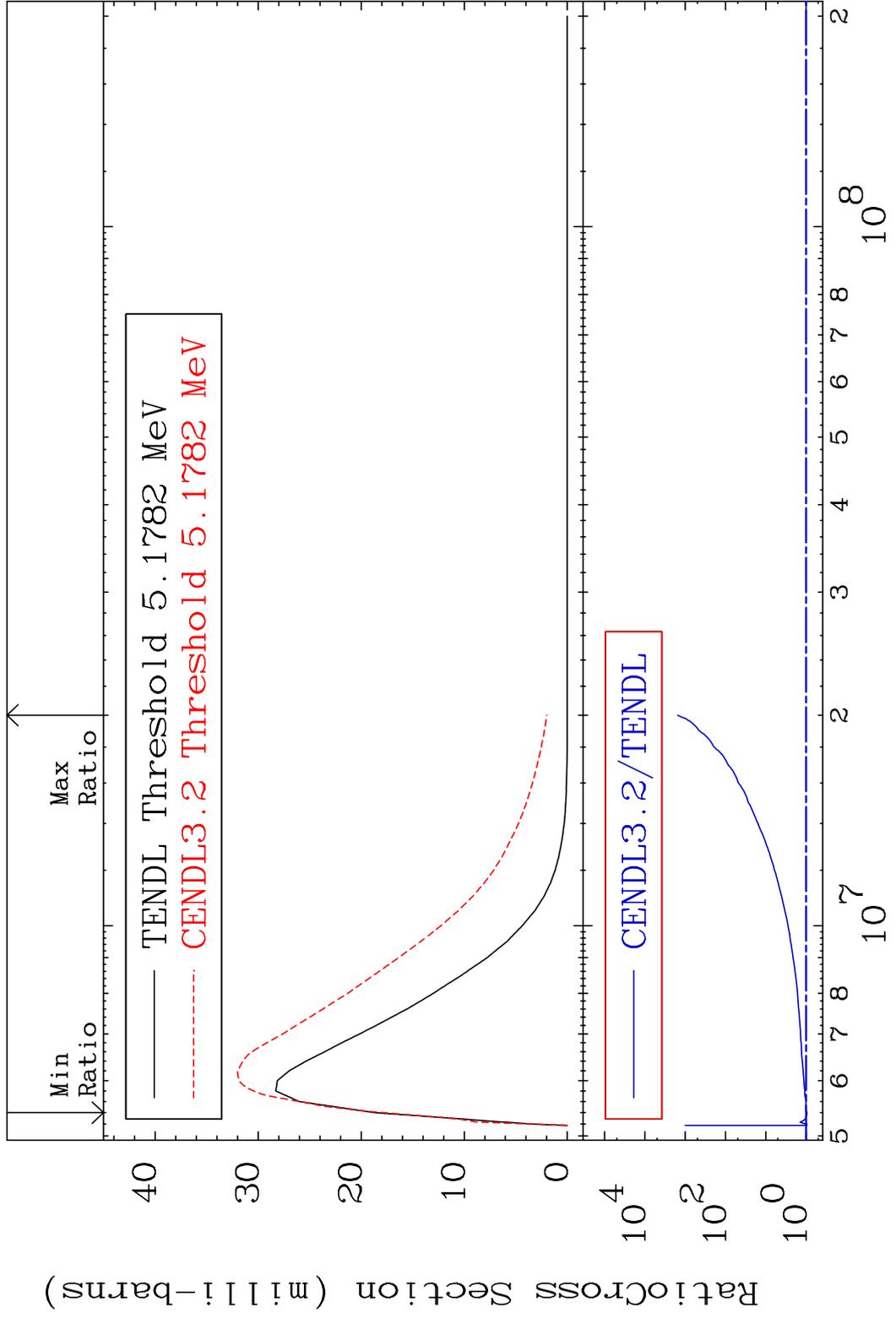
MAT 1525 MT= 61 (n,n') Level 15-P -31
 Cross Section -43.57 To 9999. %



MAT 1525 MT= 62 (n,n') Level 15-P -31
 Cross Section -2.463 To 9999. %



MAT 1525 MT= 63 (n,n') Level 15-P -31
 Cross Section -4.974 To 9999. %



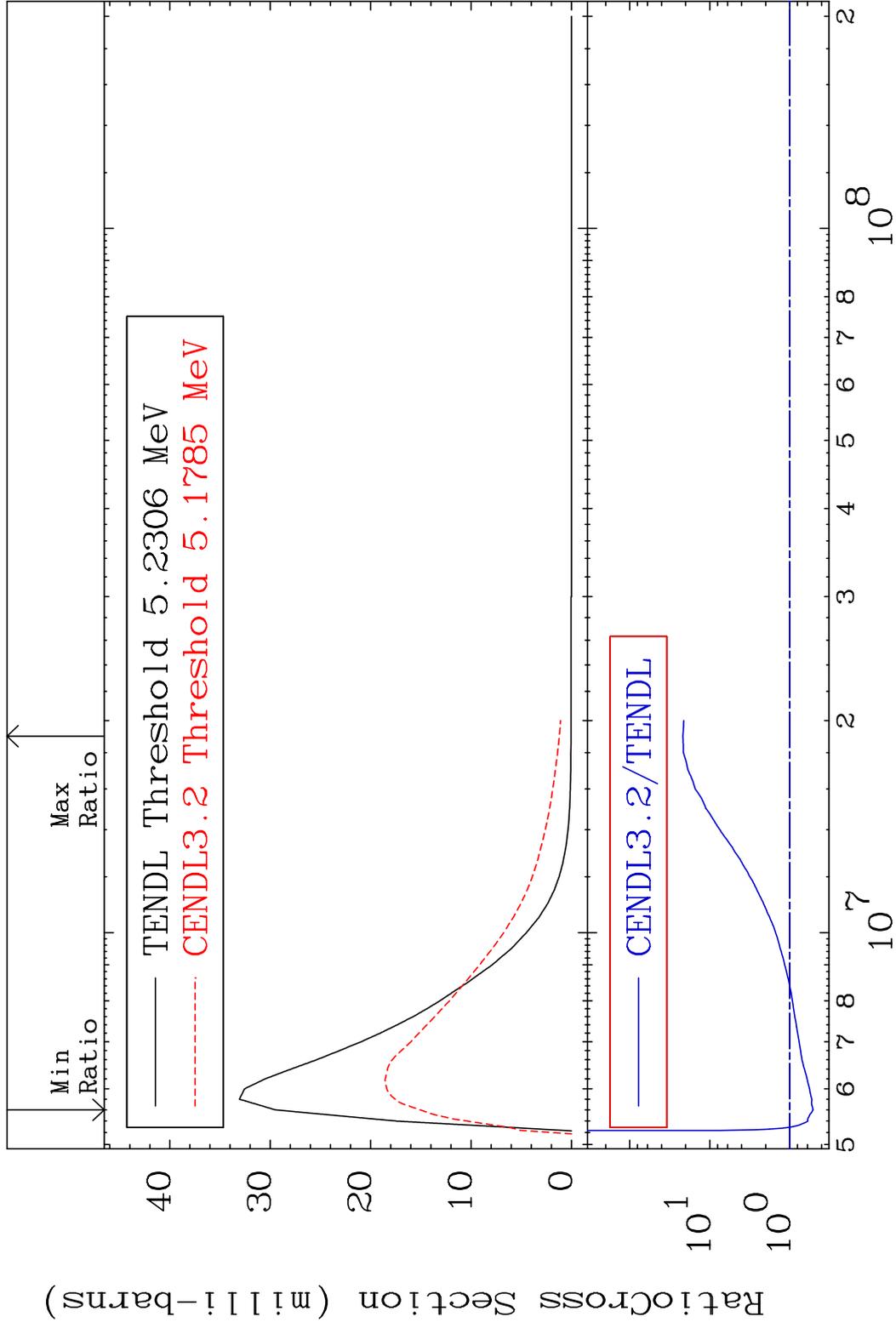
20 Incident Energy (eV) 15-P -31

MAT 1525

MT= 64 (n, n') Level

15-P -31

Cross Section -48.95 To 2070. %

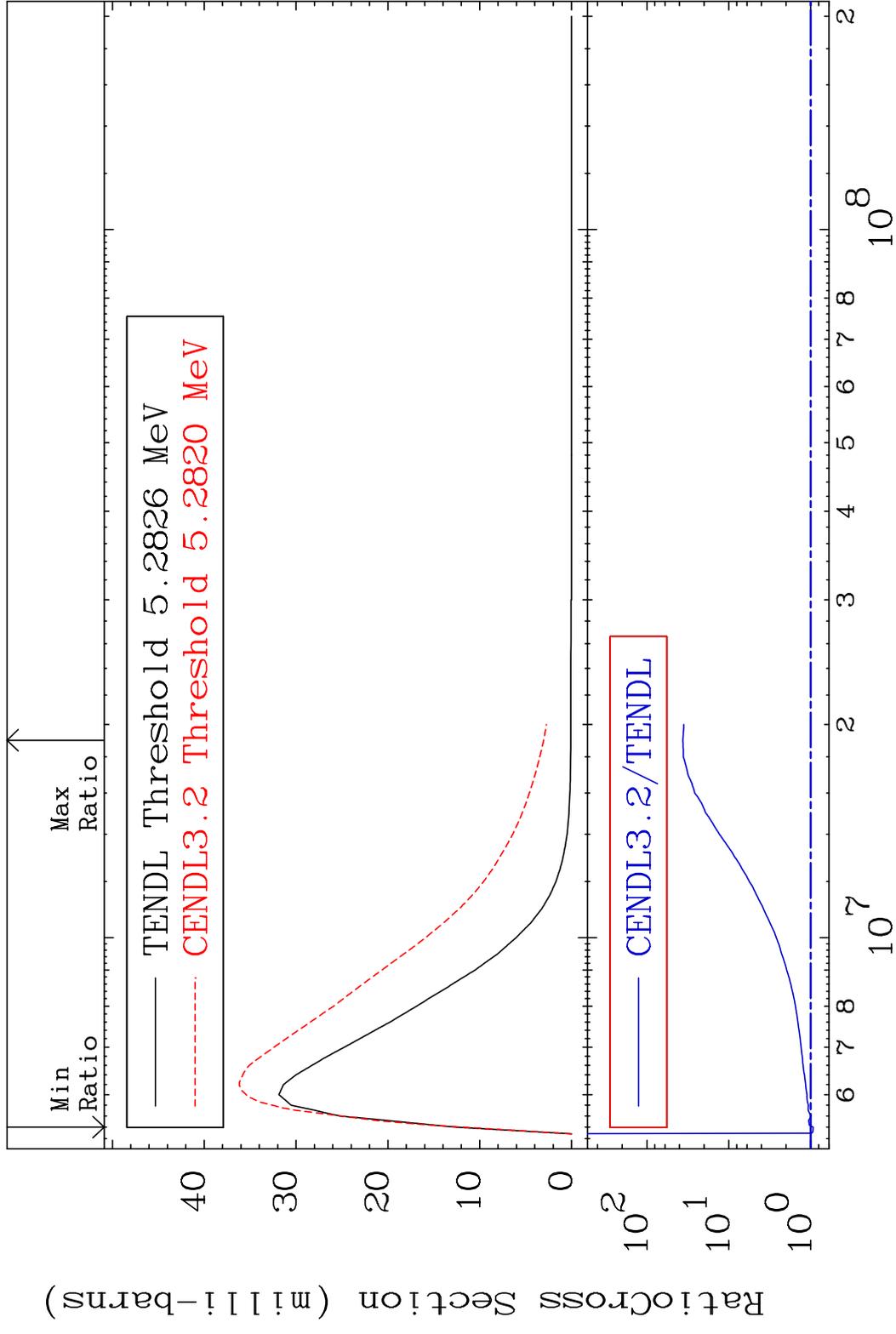


21

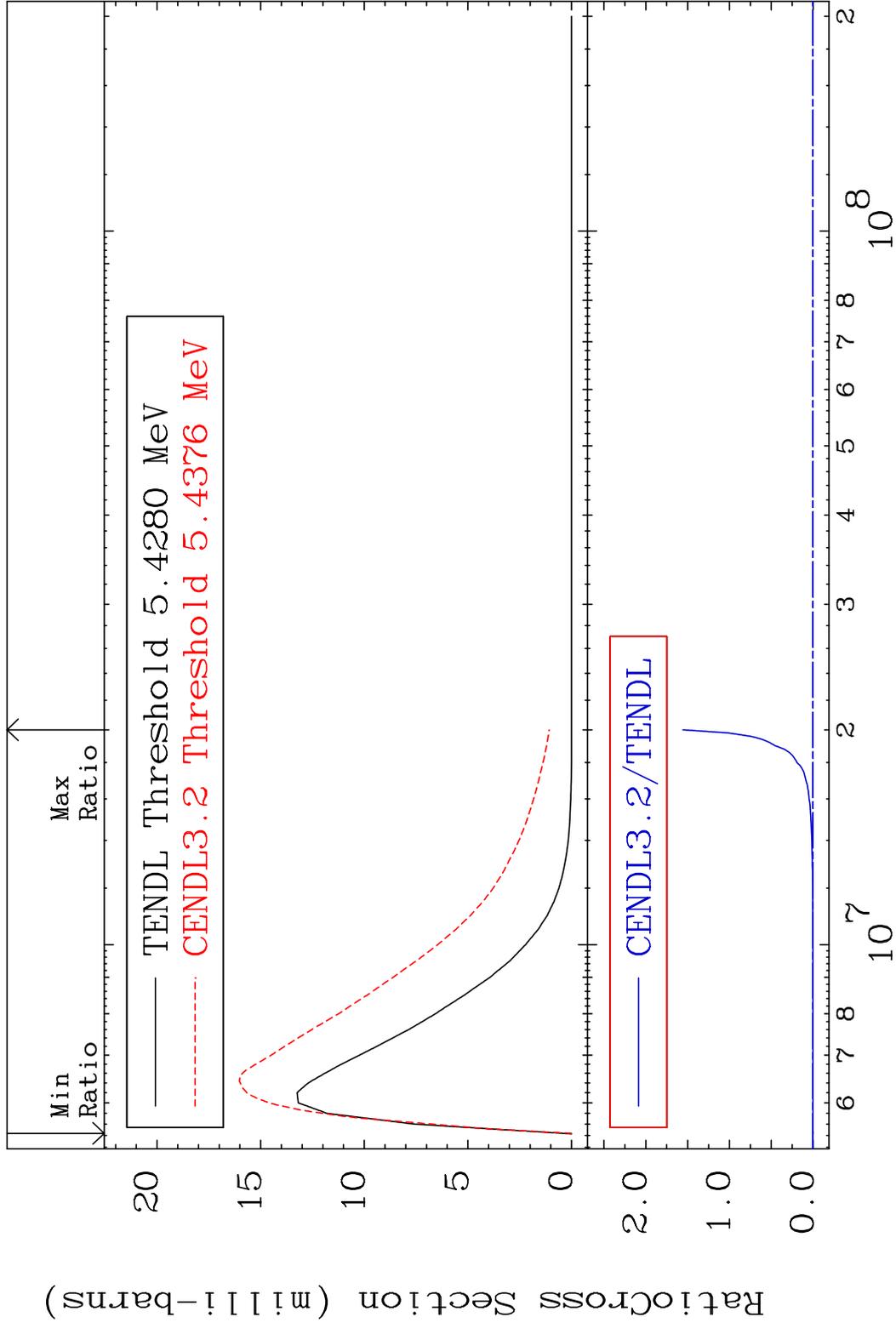
Incident Energy (eV)

15-P -31

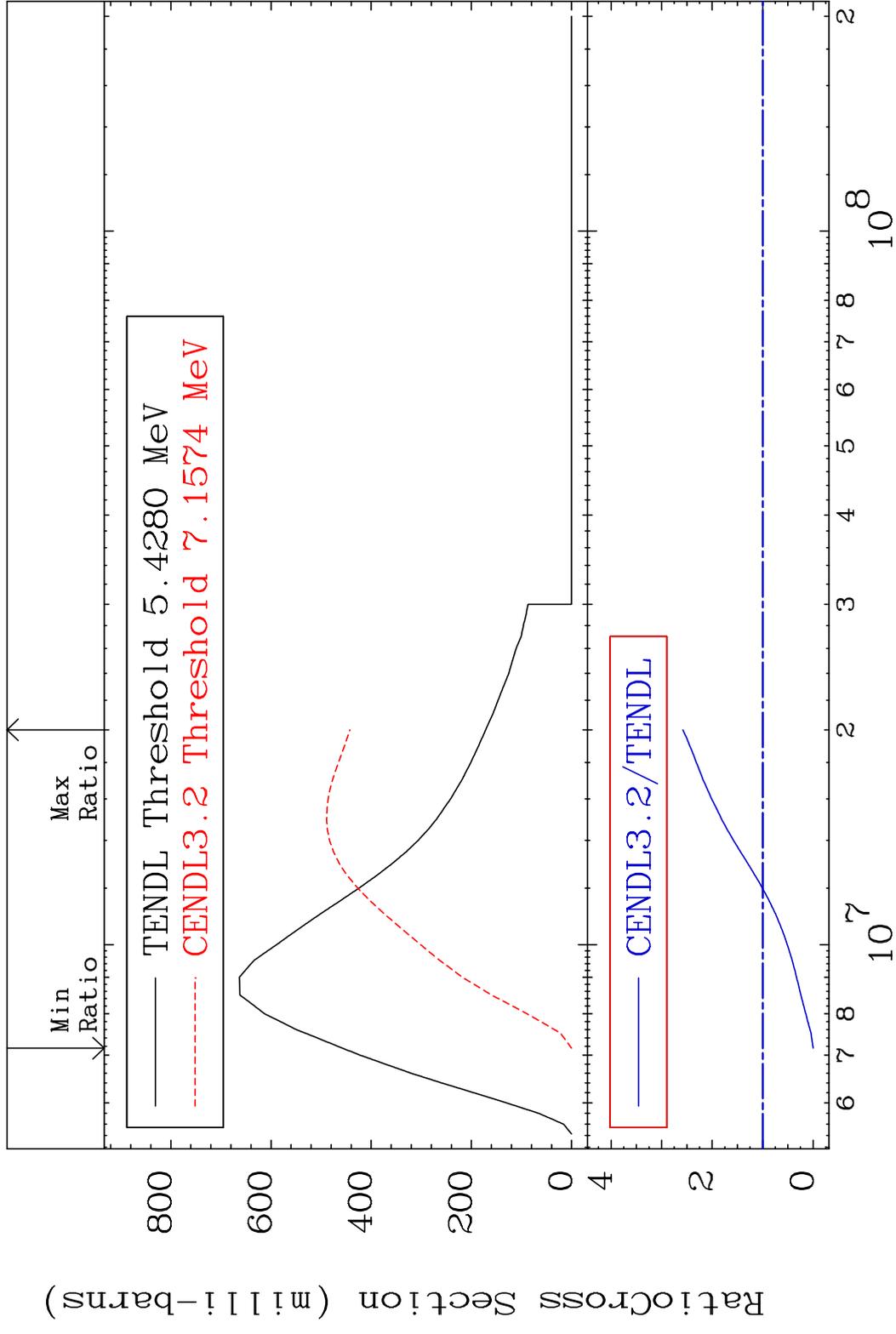
MAT 1525 MT= 65 (n,n') Level 15-P -31
 Cross Section -6.543 To 3544. %



MAT 1525 MT= 66 (n,n') Level 15-P -31
 Cross Section -100.0 To 9999. %



MAT 1525 (n,n') Continuum 15-P -31
 Cross Section -100.0 To 158.1 %

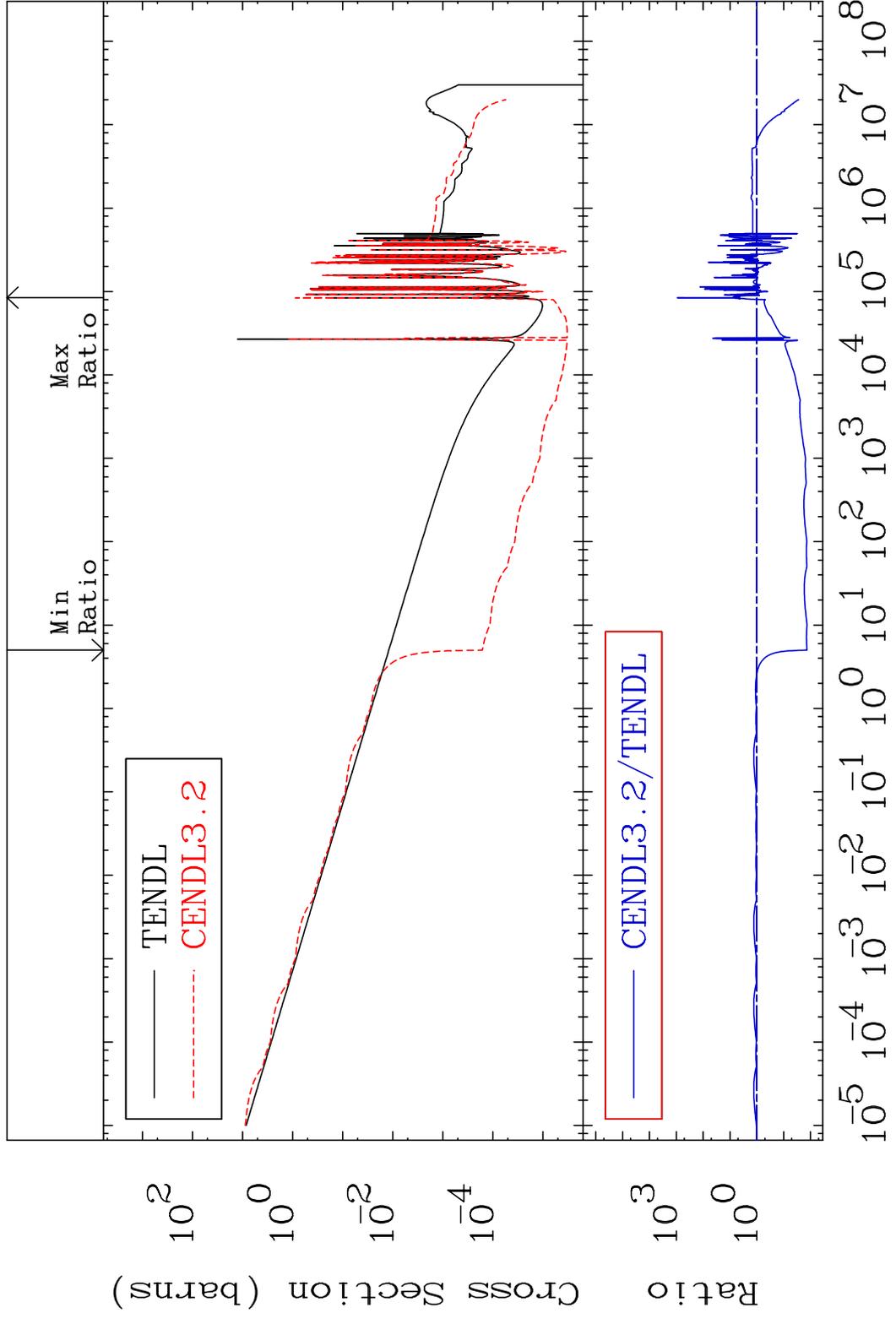


MAT 1525

(n, γ)

15-P -31

Cross Section -98.65 To 9999. %

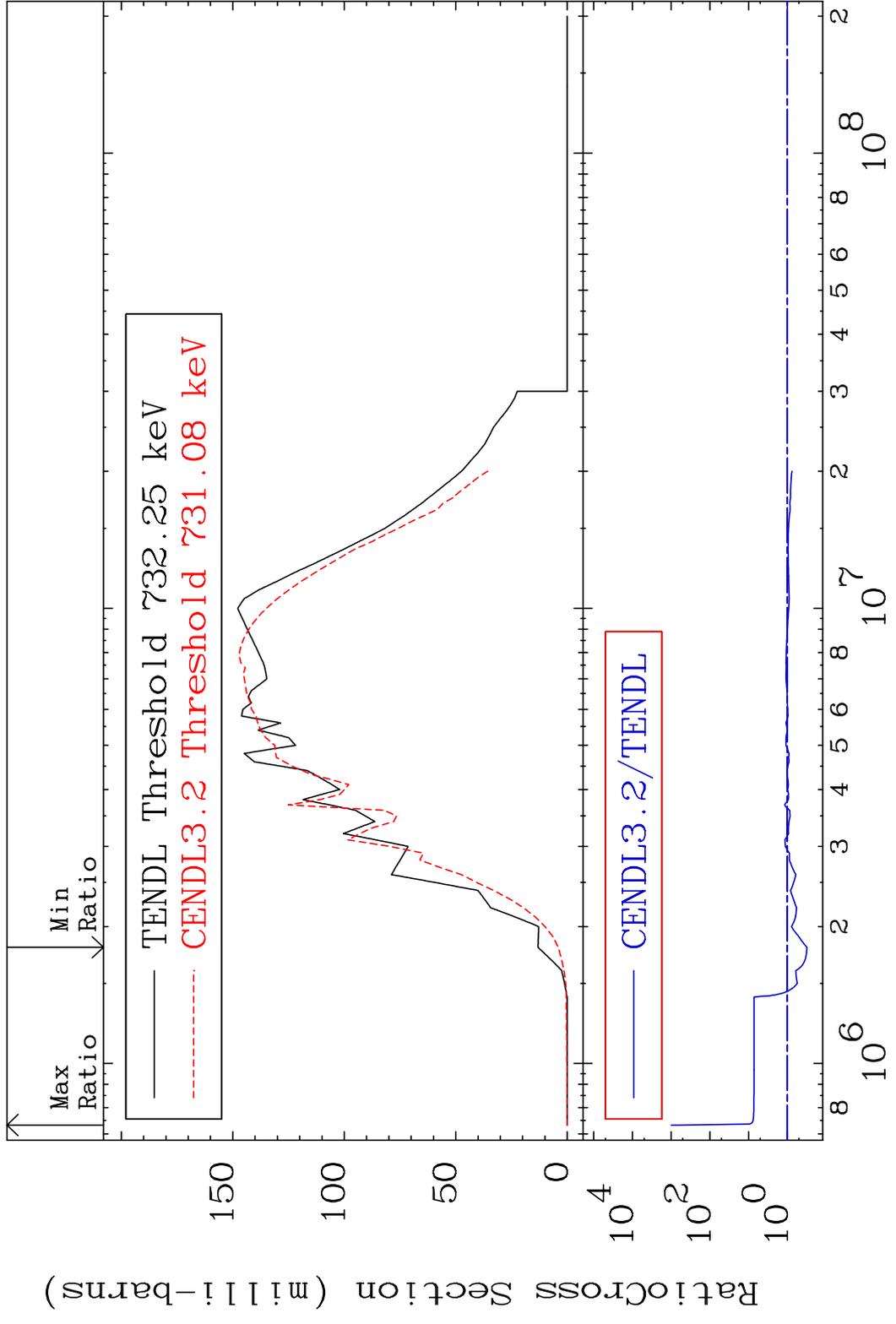


25

Incident Energy (eV)

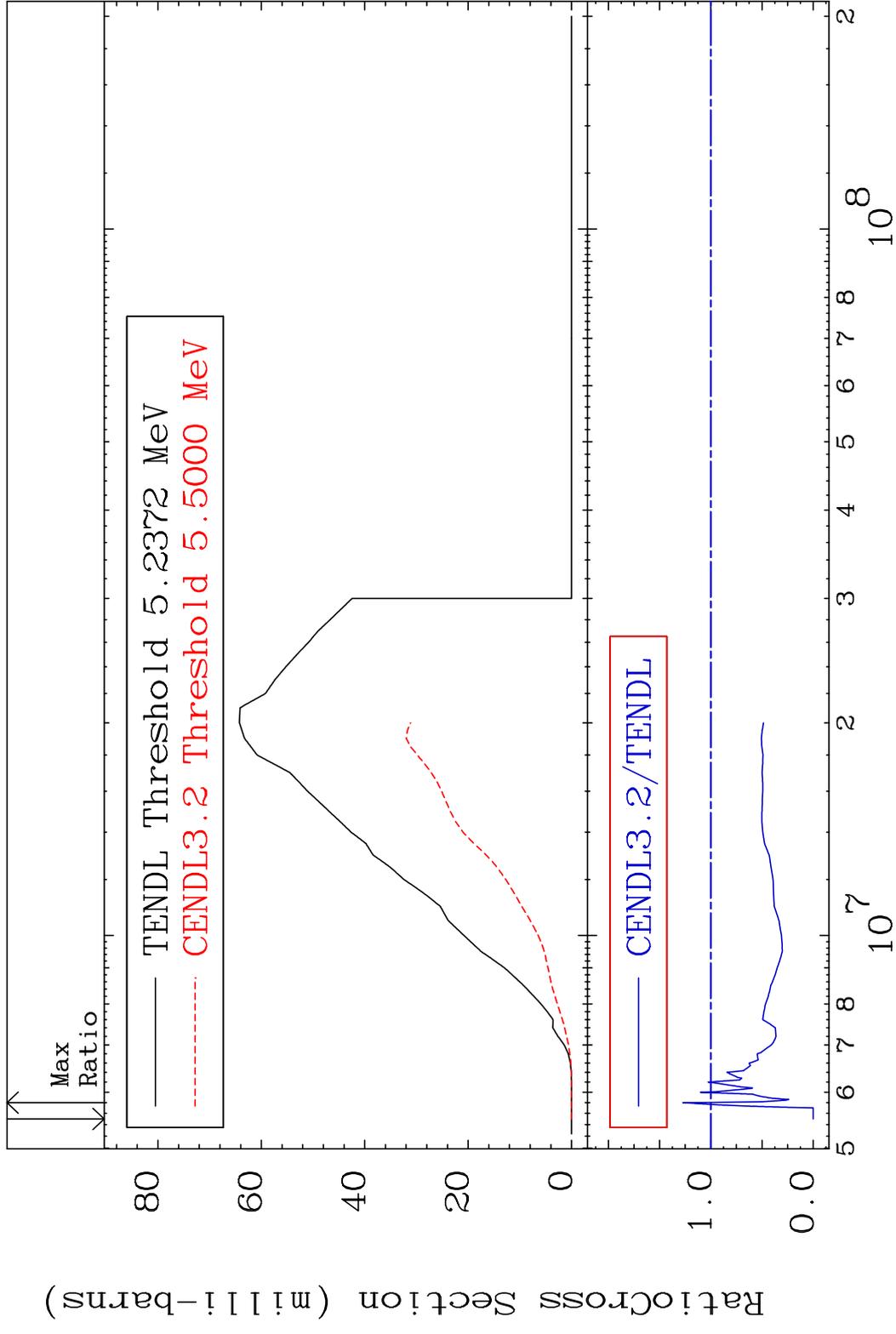
15-P -31

MAT 1525 (n,p) 15-P -31
 Cross Section -69.15 To 9999. %



26 Incident Energy (eV) 15-P -31

MAT 1525 (n,d) 15-P -31
 Cross Section -100.0 To 27.31 %

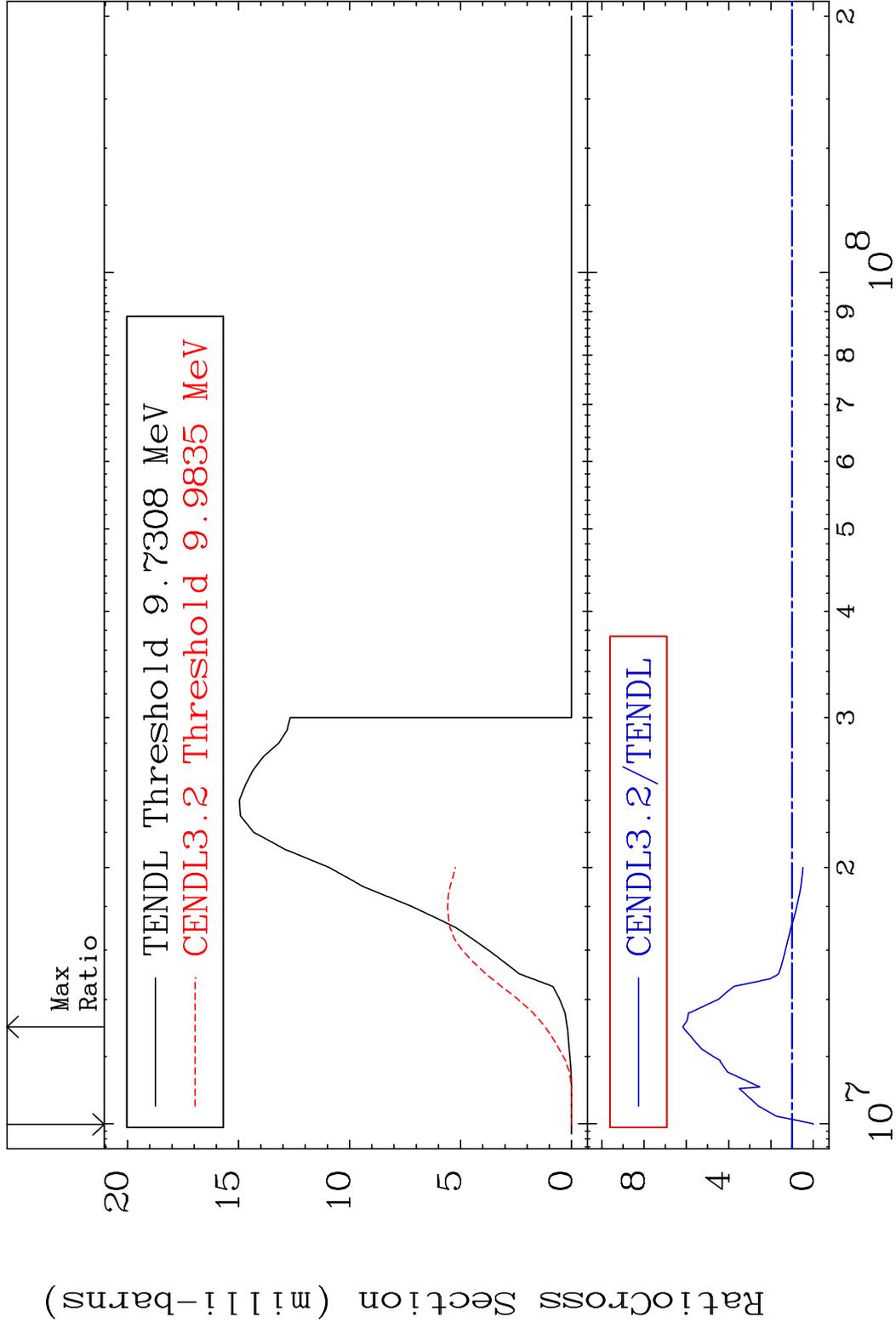


MAT 1525

(n, t)

15-P -31

Cross Section -100.0 To 516.8 %



28

Incident Energy (eV)

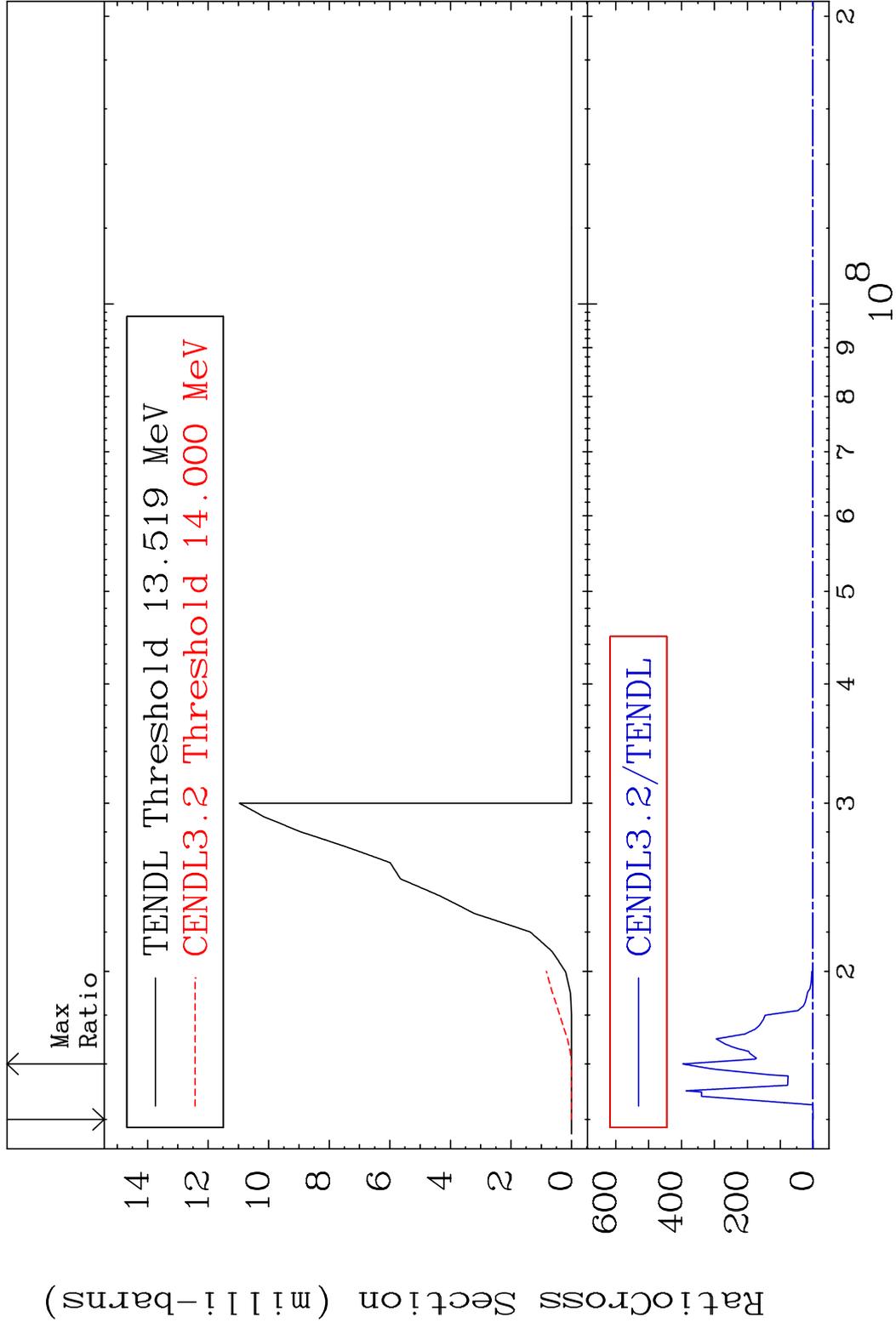
15-P -31

MAT 1525

(n, He-3)

15-P -31

Cross Section -100.0 To 9999. %

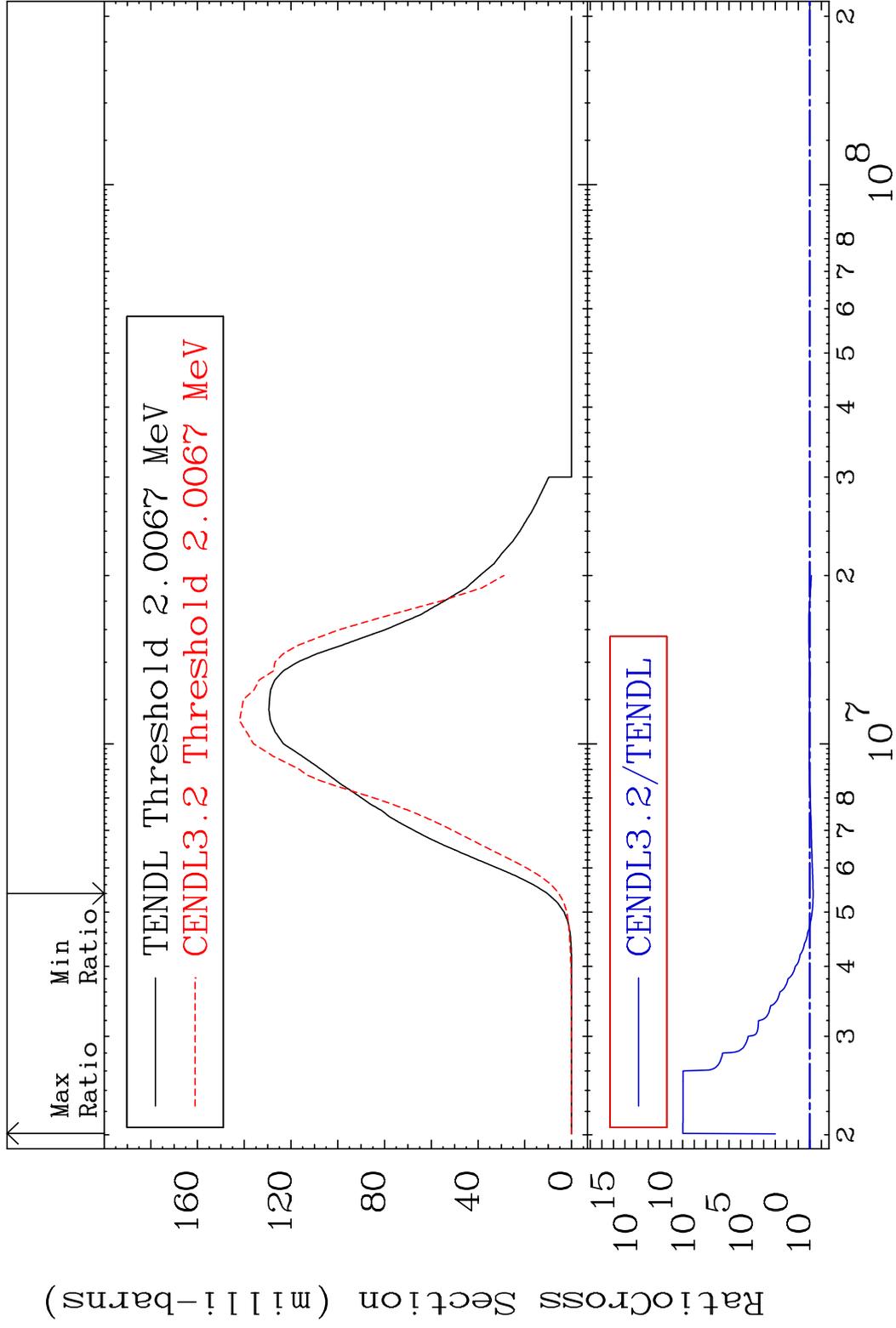


MAT 1525

(n, α)

15-P -31

Cross Section -47.83 To 9999. %

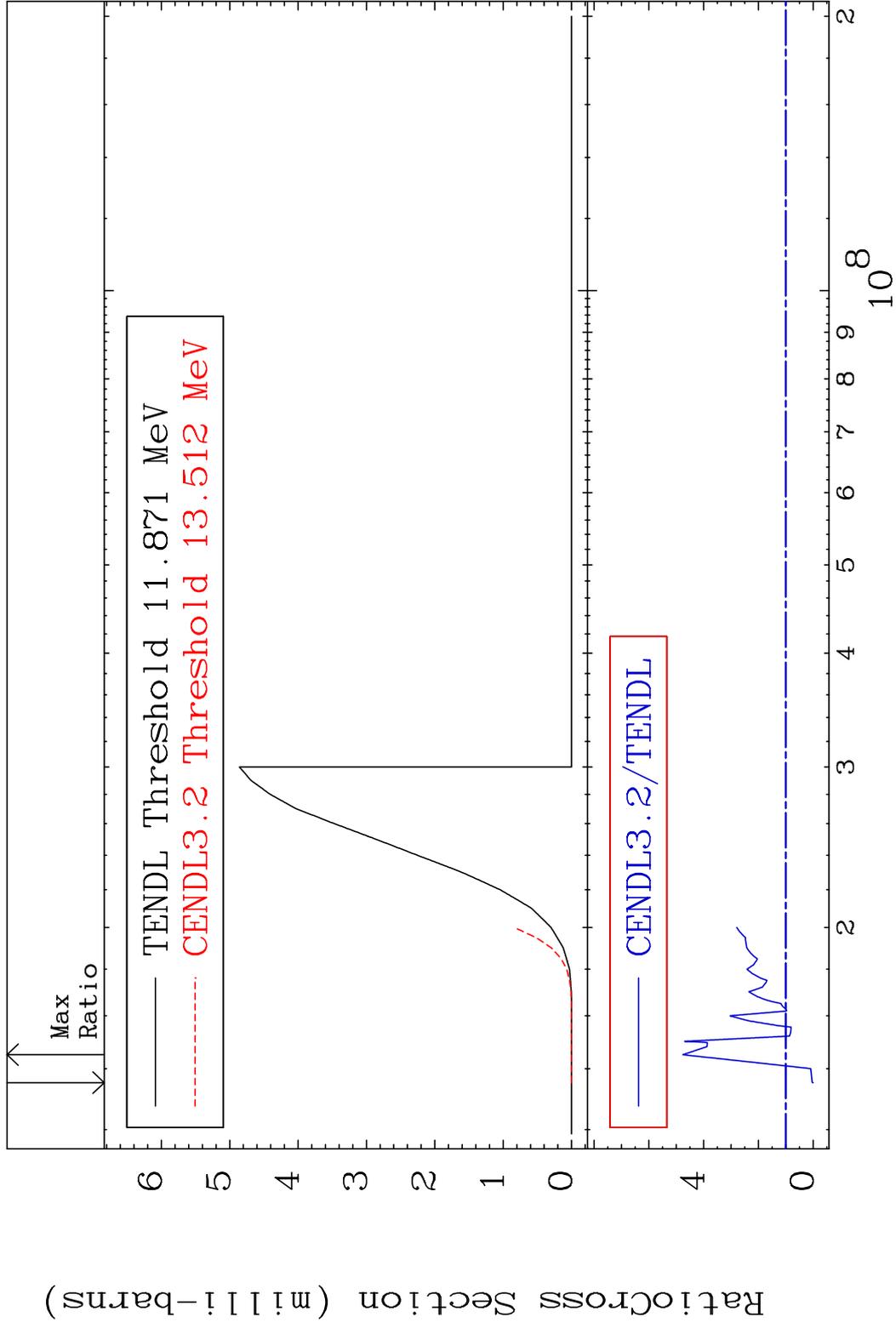


30

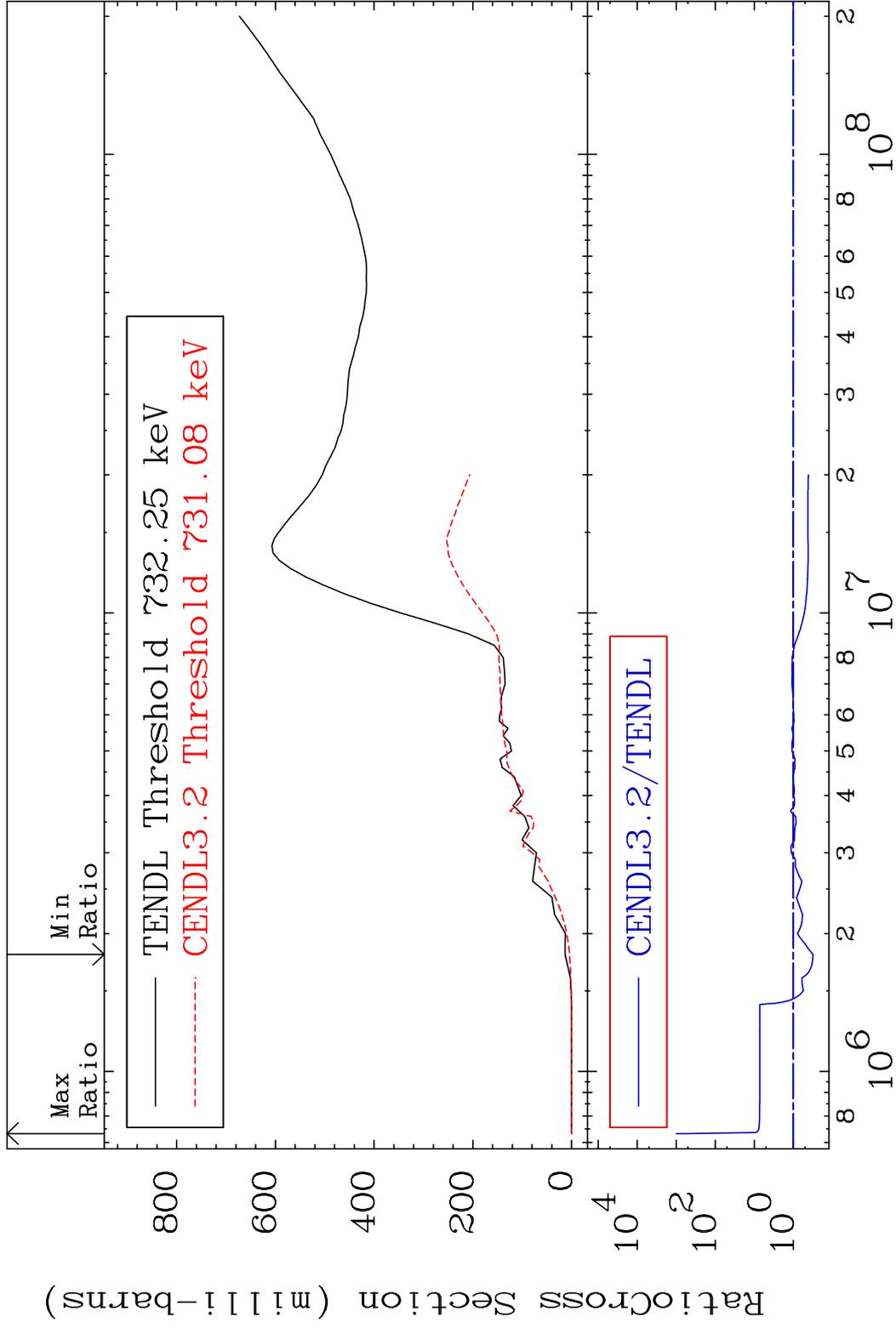
Incident Energy (eV)

15-P -31

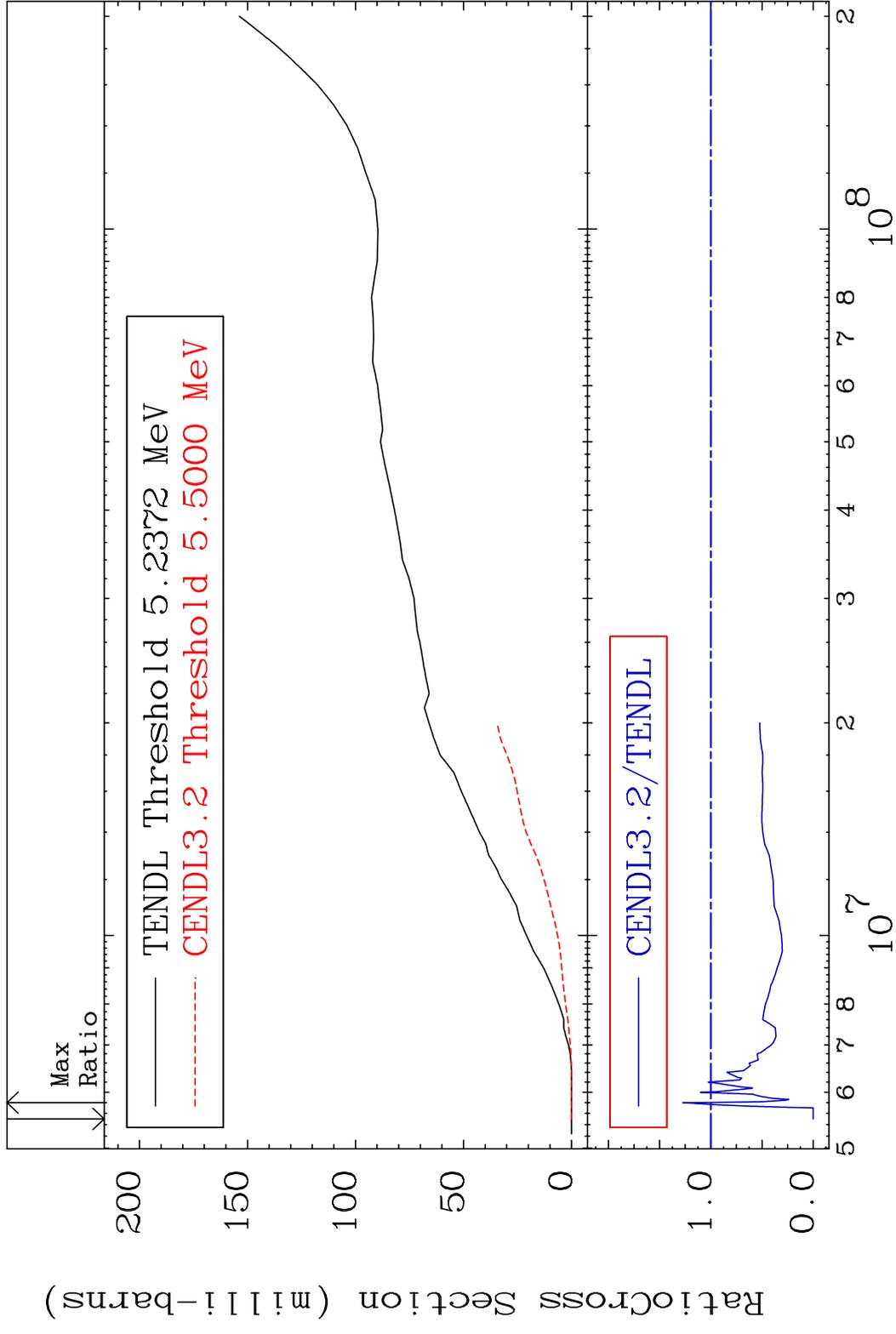
MAT 1525 (n,p) α 15-P -31
 Cross Section -100.0 To 375.9 %



MAT 1525 Hydrogen Production 15-P -31
 Cross Section -69.15 To 9999. %



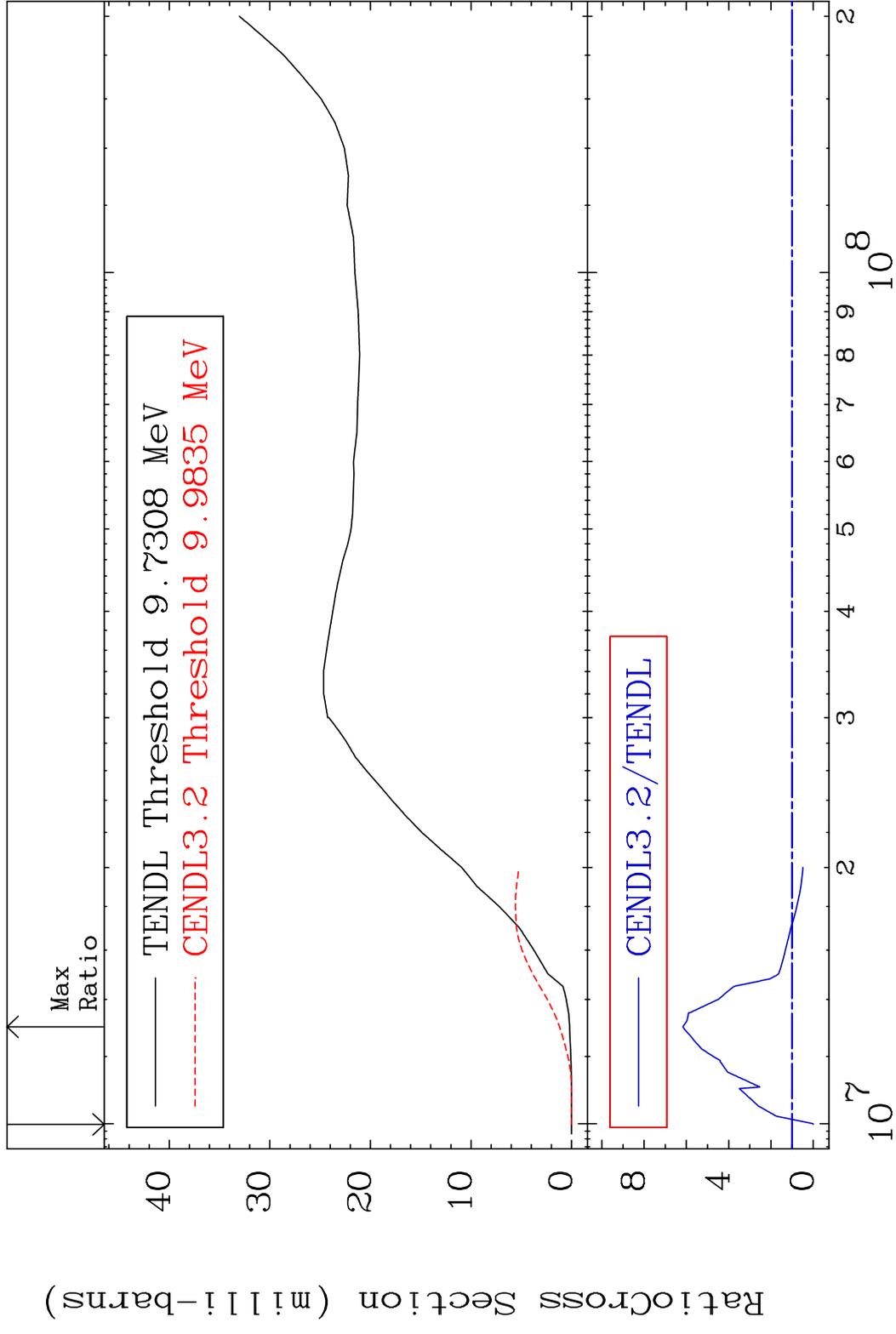
MAT 1525 Deuterium Production 15-P -31
 Cross Section -100.0 To 27.31 %



33 Incident Energy (eV) 15-P -31

MAT 1525

Tritium Production 15-P -31
Cross Section -100.0 To 516.8 %

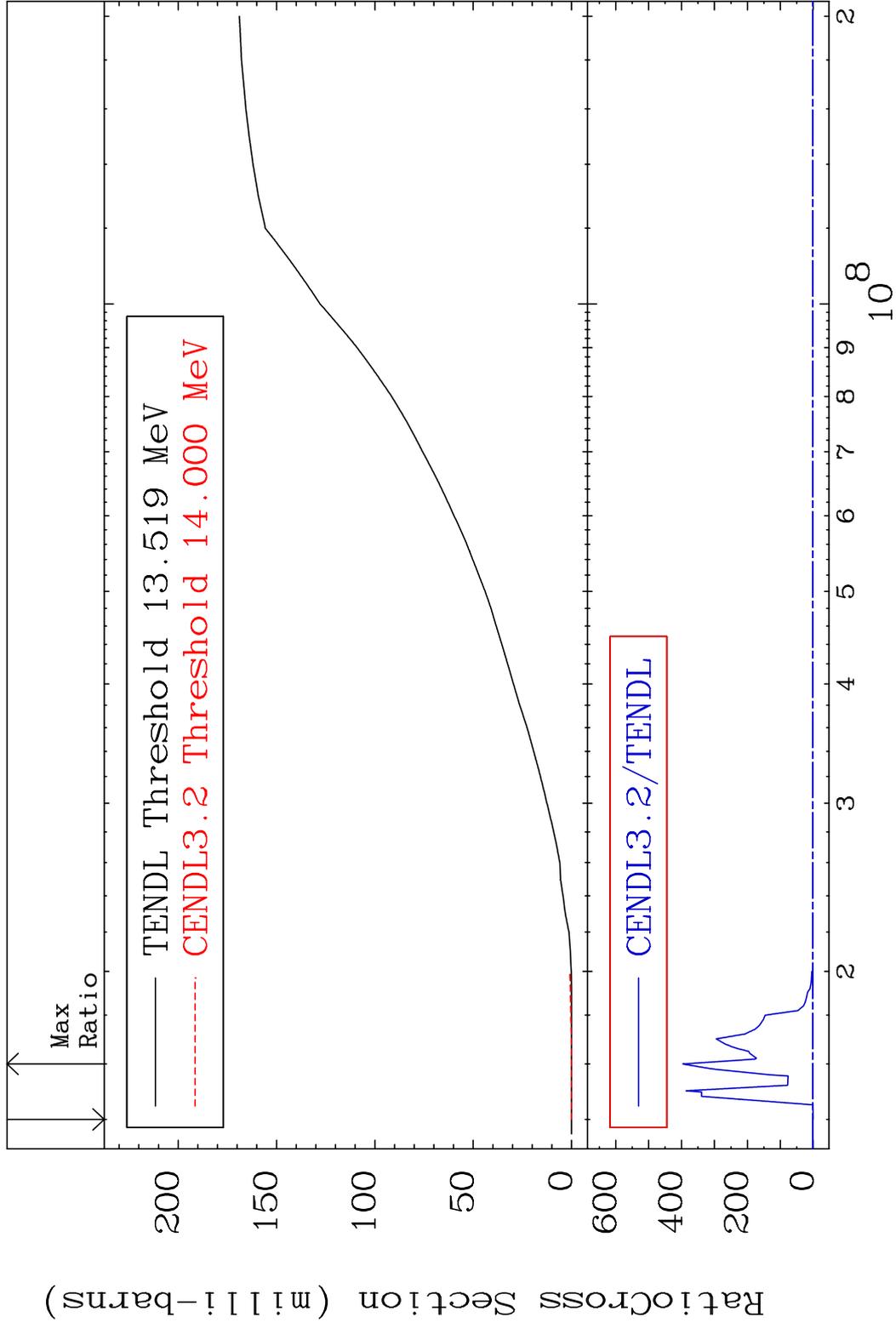


34

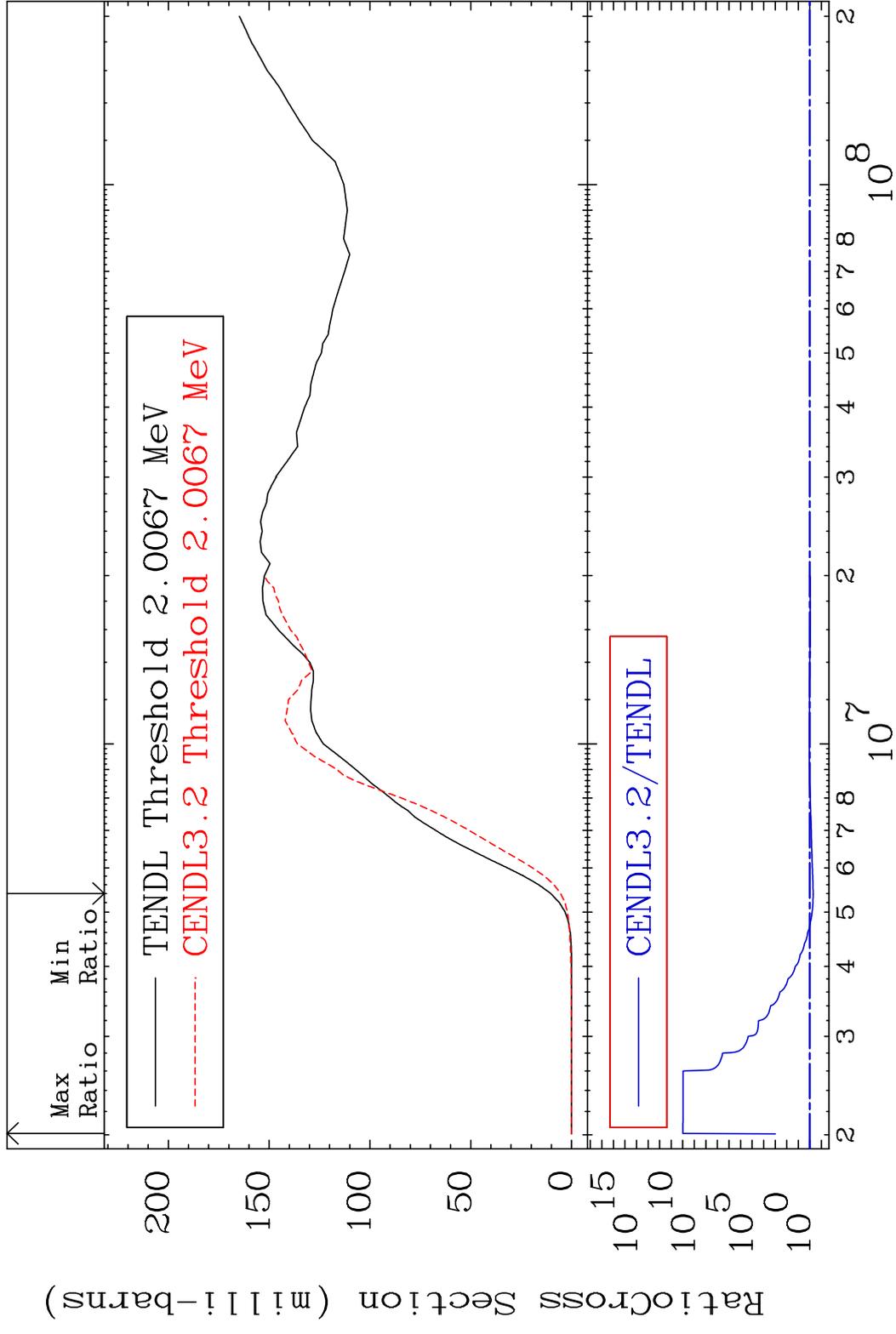
Incident Energy (eV)

15-P -31

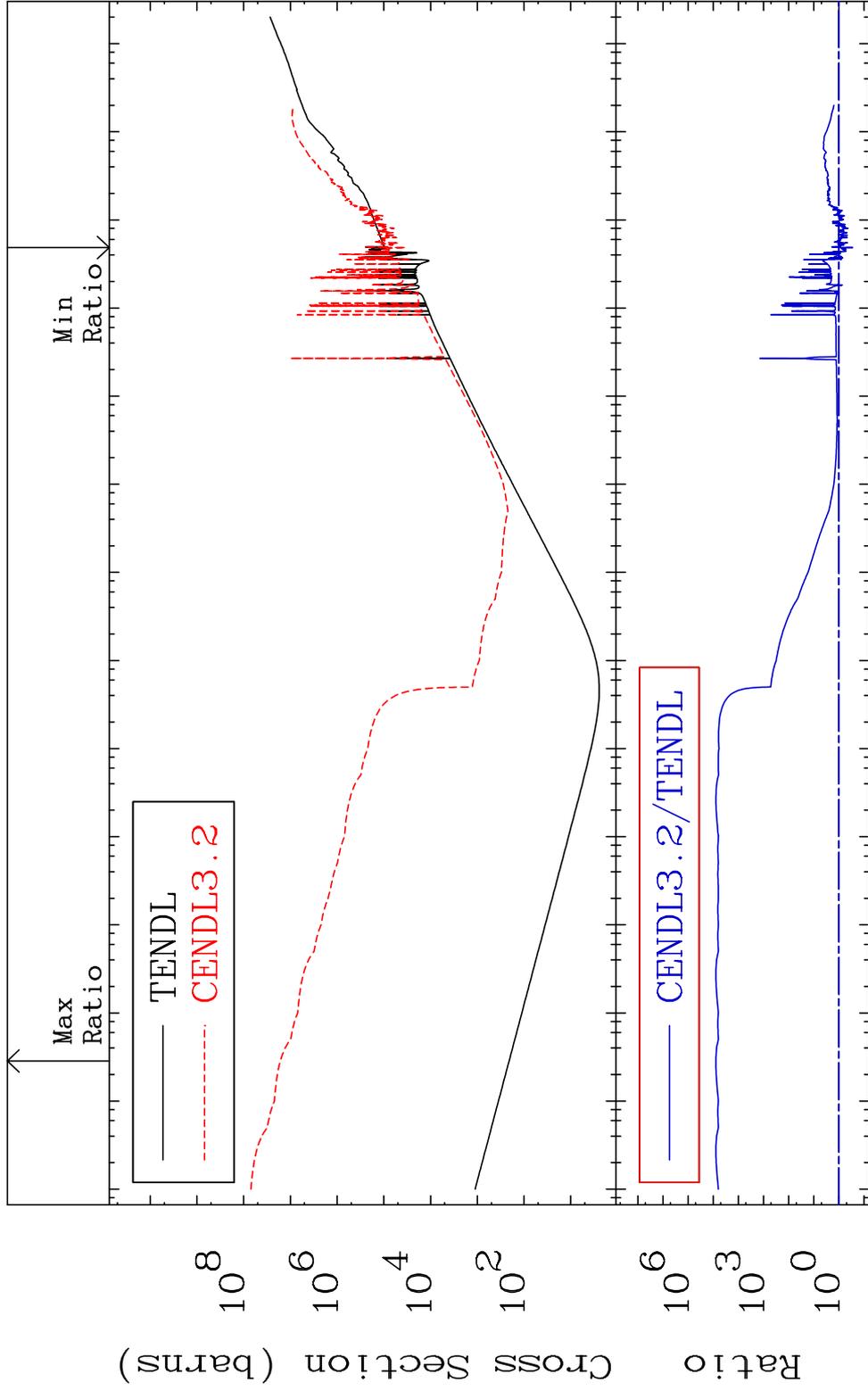
MAT 1525 He-3 Production 15-P -31
 Cross Section -100.0 To 9999. %



Cross Section -47.83 To 9999. %



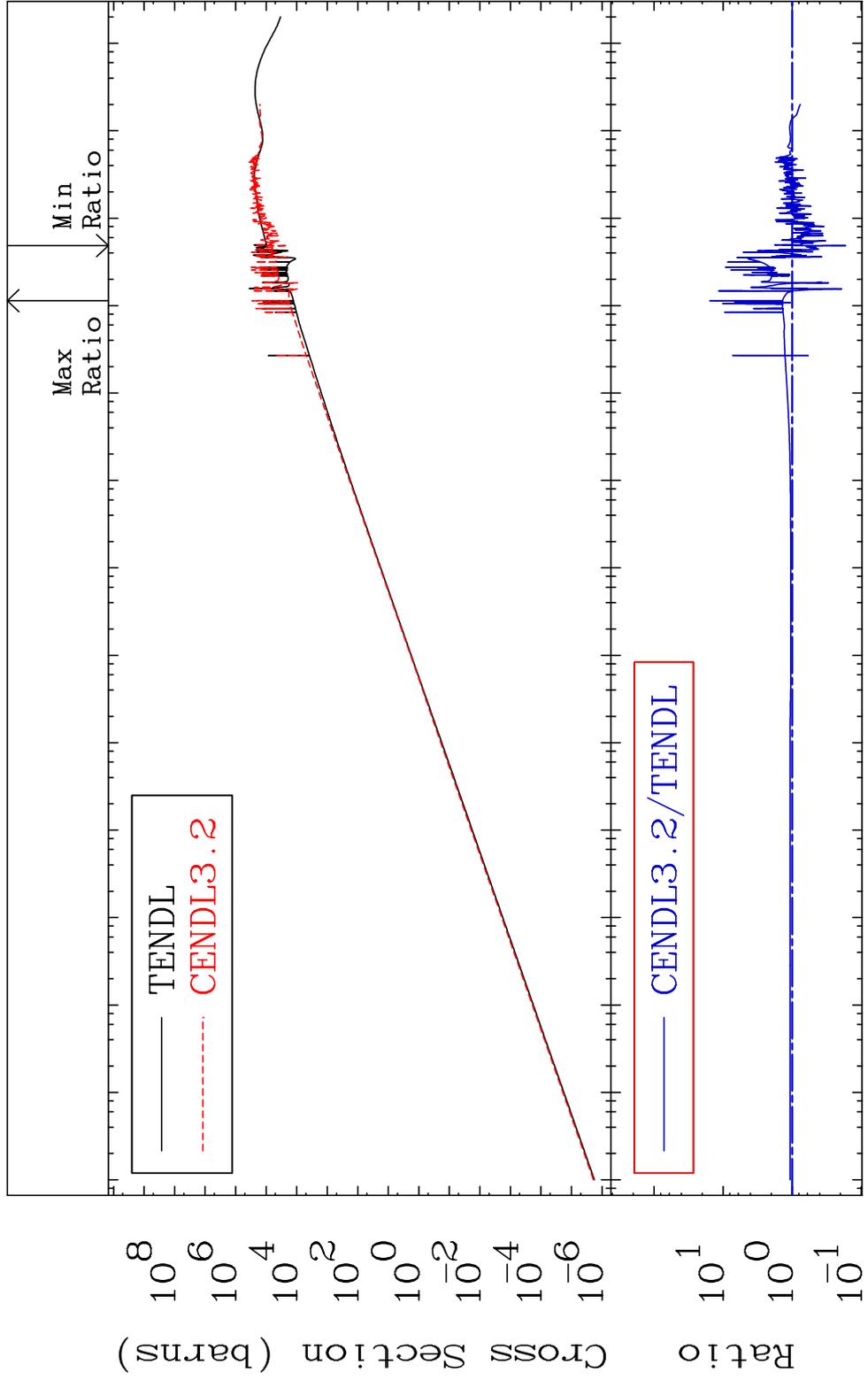
MAT 1525 Kerma total (eV-barns) 15-P -31
 Cross Section -71.20 To 9999. %



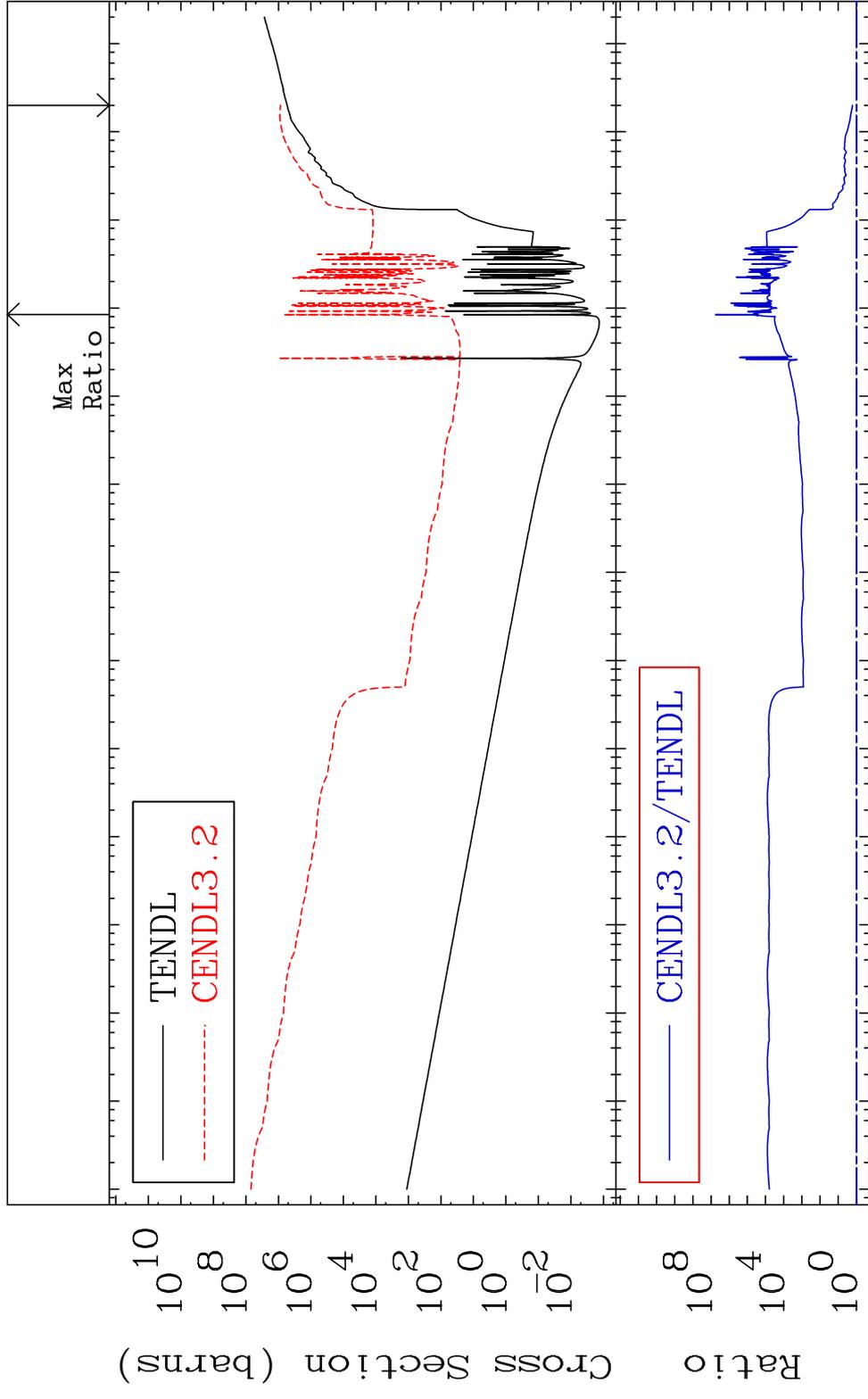
MAT 1525

Kerma elastic
Cross Section

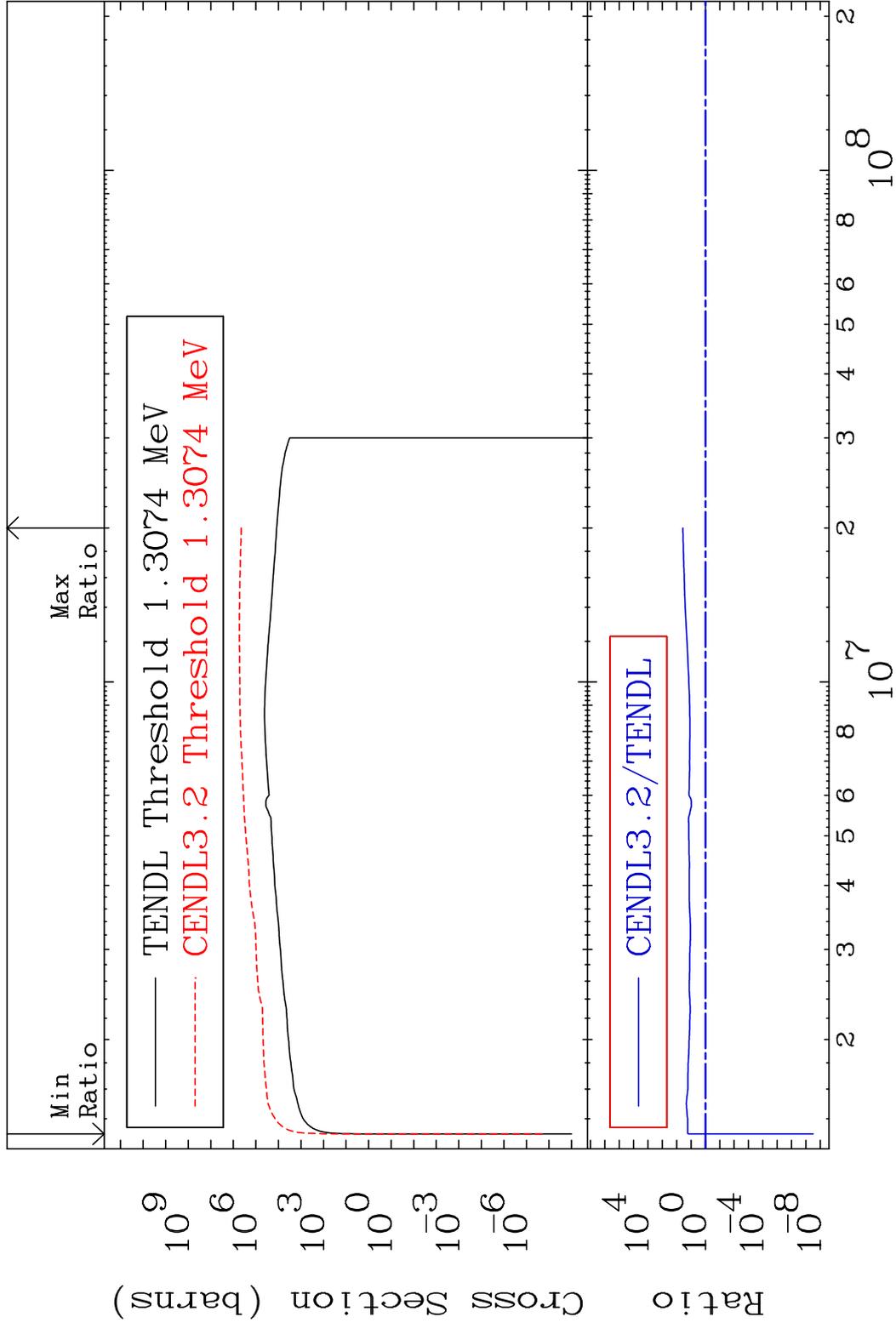
15-P -31
-83.15 To 1443. %



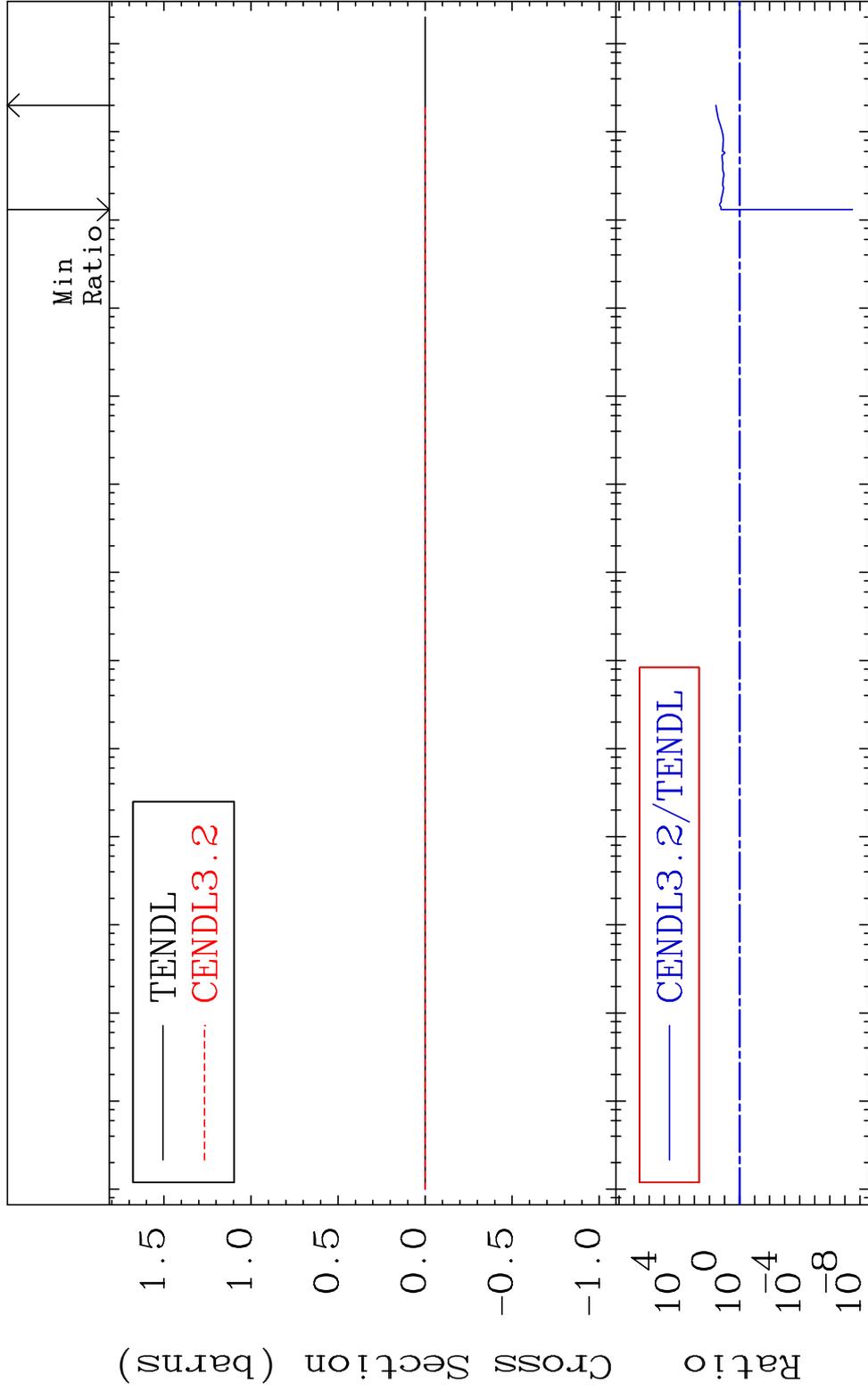
MAT 1525 Kerma non-elastic (all but mt2) 15-P -31
 Cross Section 61.76 To 9999. %



MAT 1525 Kerma inelastic (mt51-91) 15-P -31
 Cross Section -100.0 To 3606. %

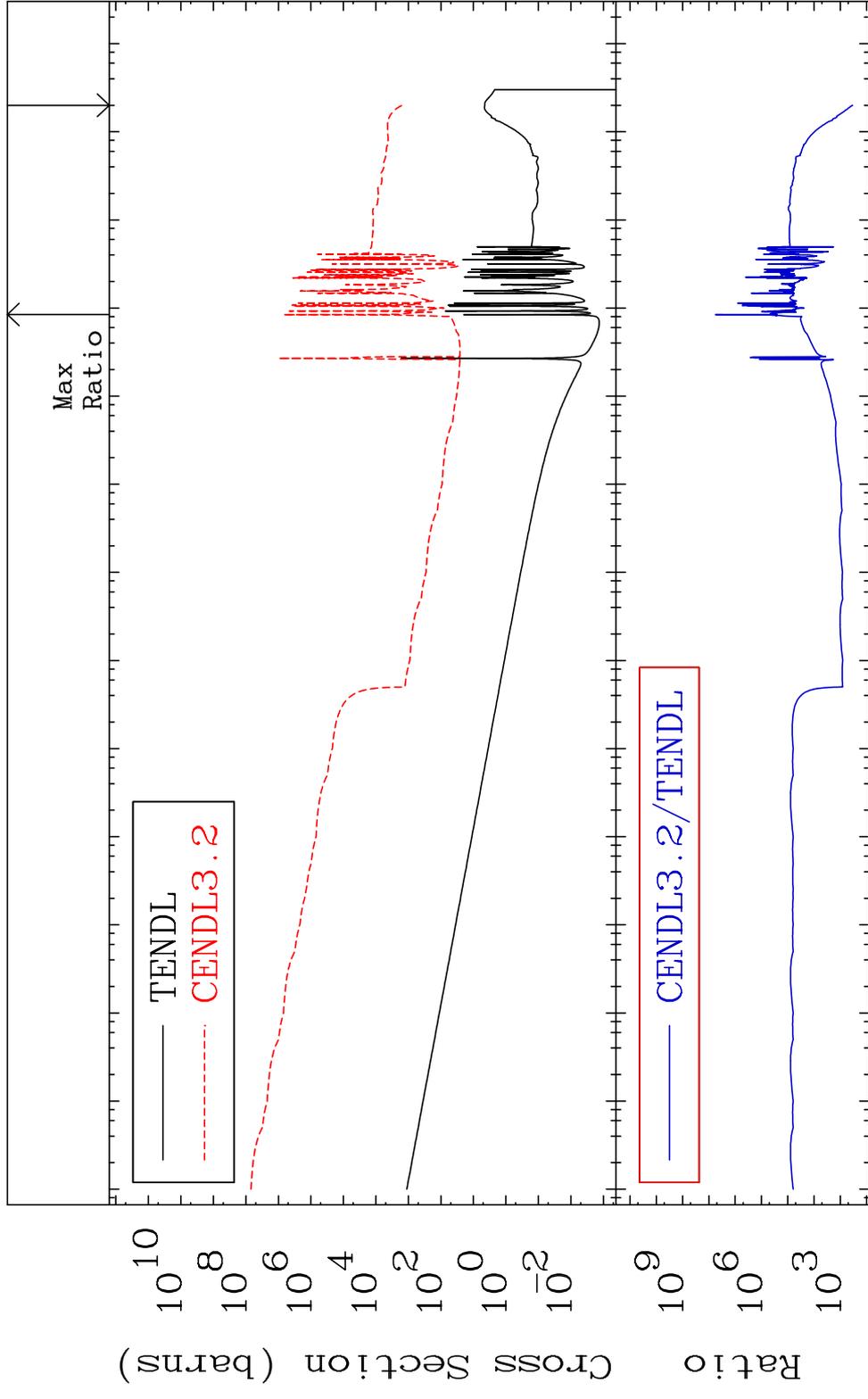


MAT 1525 Kerma fission (mt18 or mt19-20-21-38) 15-P -31
 Cross Section -100.0 To 3606. %



MAT 1525

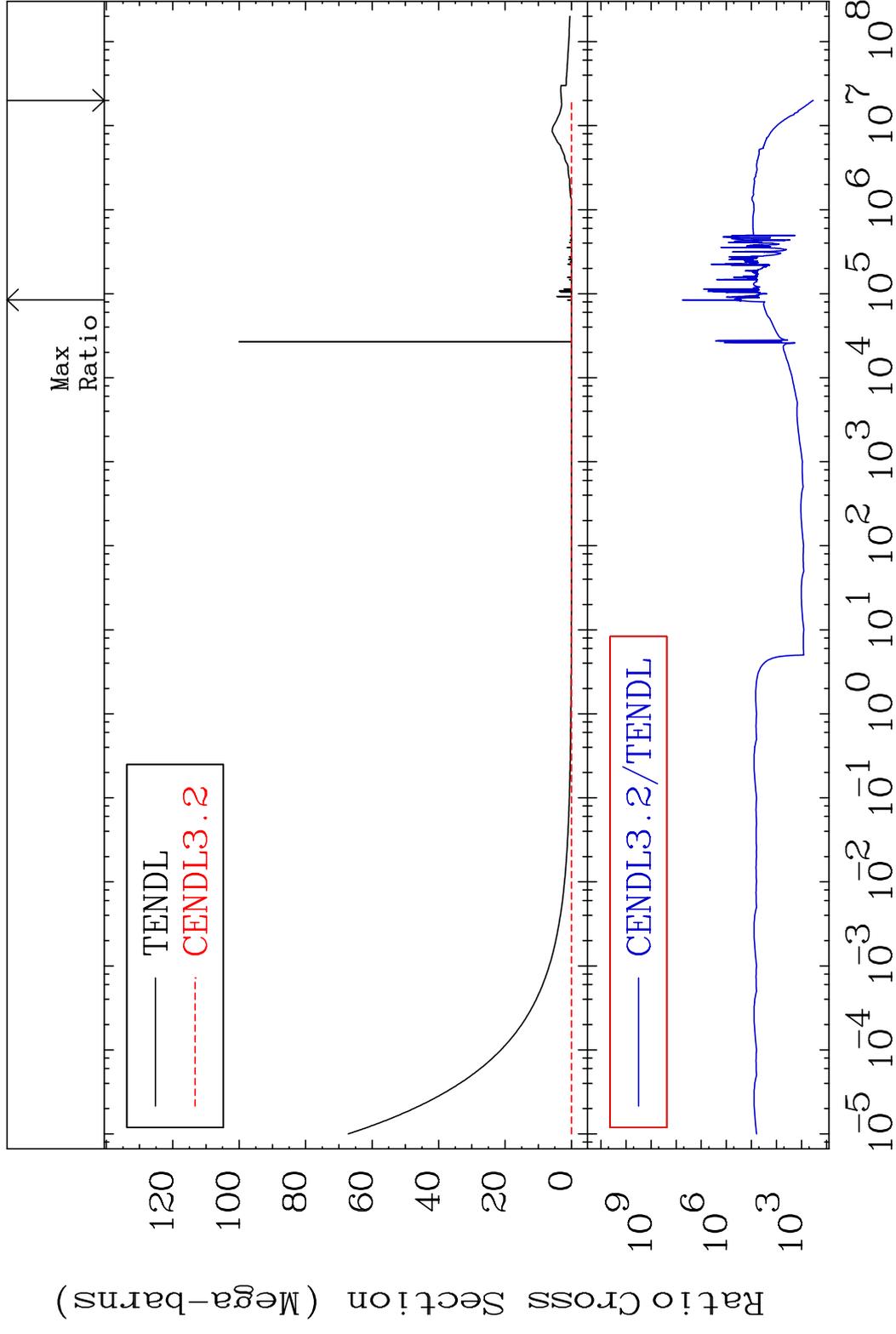
Kerma capture (mt102) 15-P -31
Cross Section 9999. To 9999. %



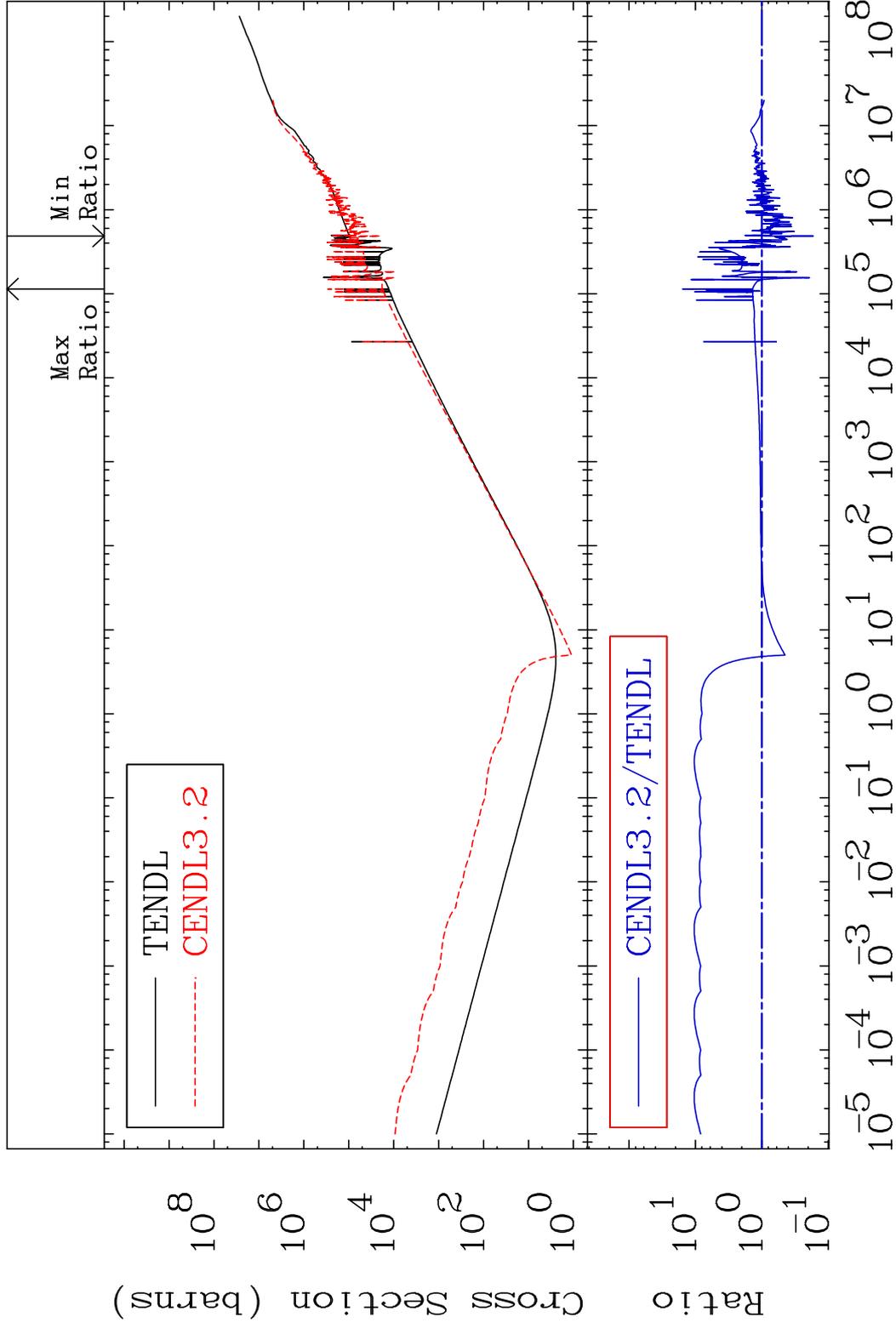
42

Incident Energy (eV) 15-P -31

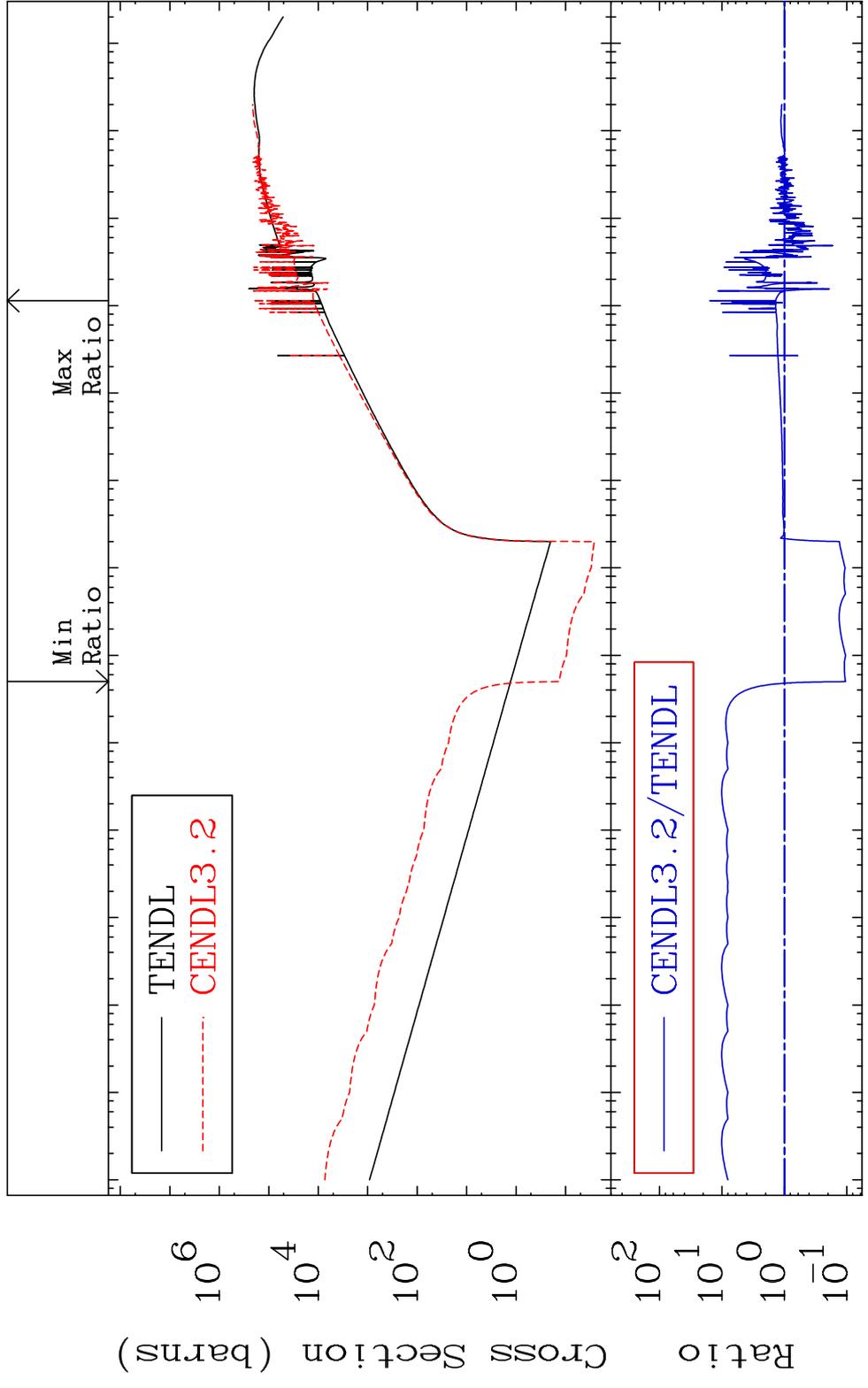
MAT 1525 Total photon (eV-barns) 15-P -31
 Cross Section 9999. To 9999. %



MAT 1525 Total kinematic kerma (high limit) 15-P -31
 Cross Section -83.12 To 1450. %

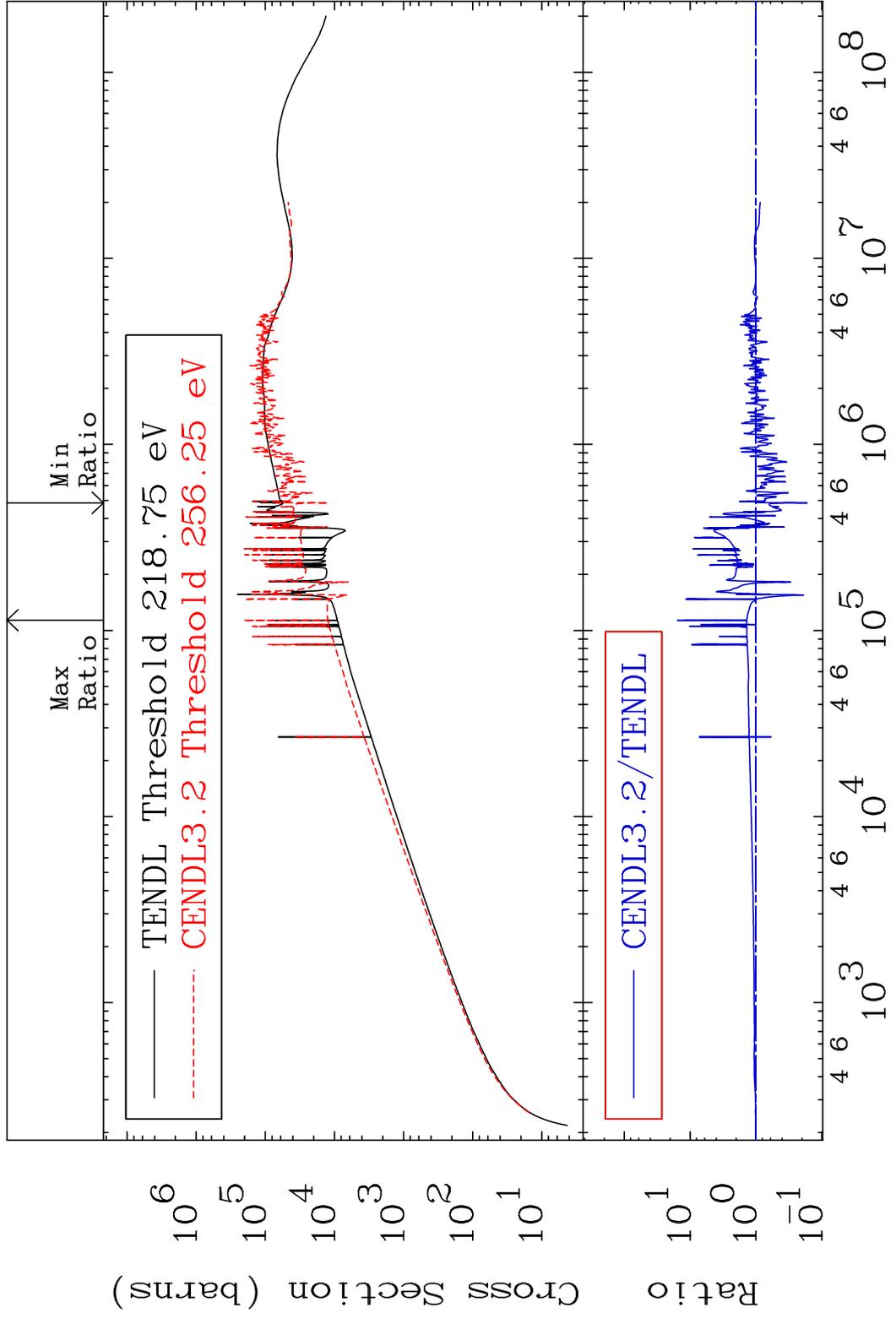


MAT 1525 Dpa total (eV-barns) 15-P -31
 Cross Section -89.56 To 1449. %

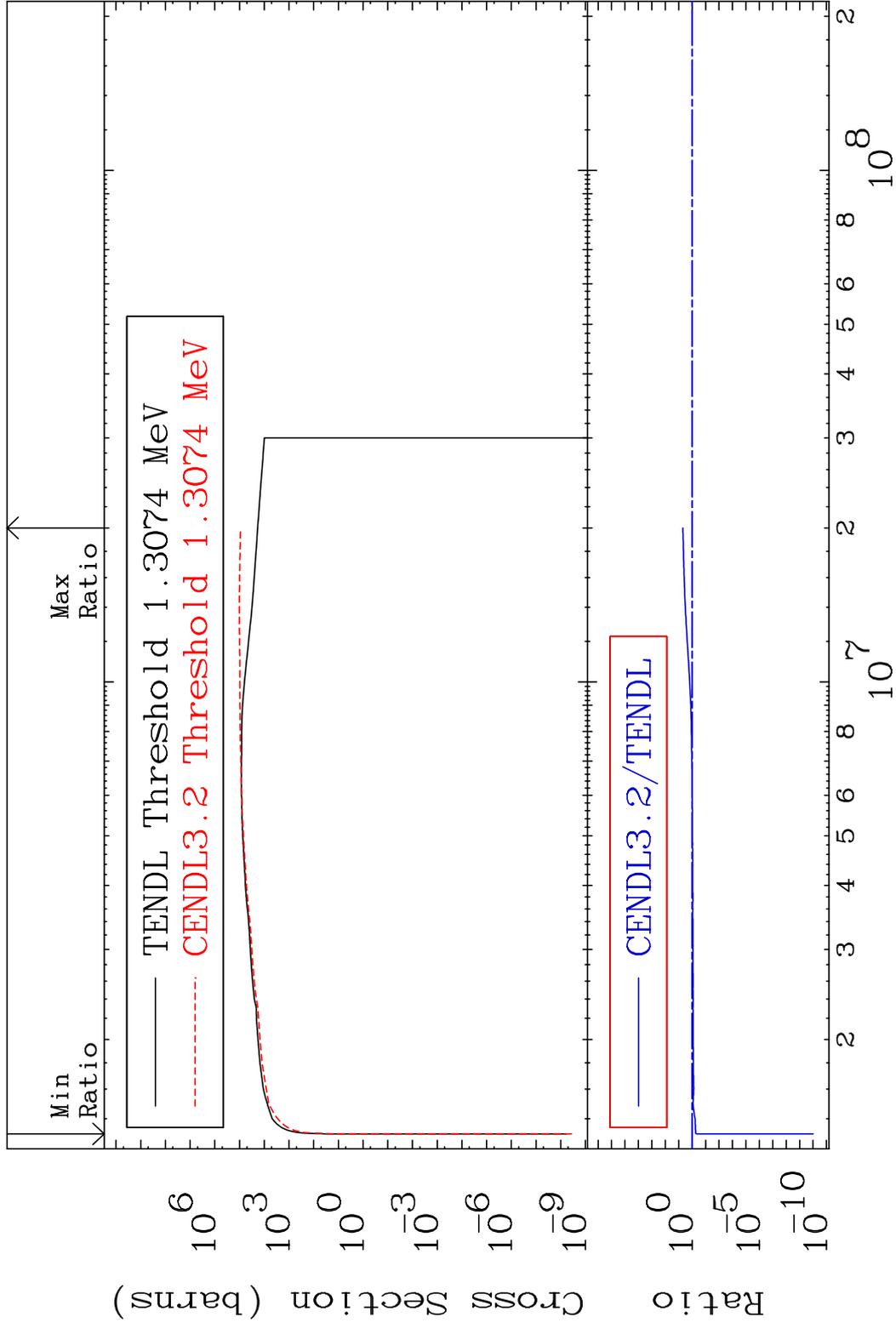


45 Incident Energy (eV) 15-P -31

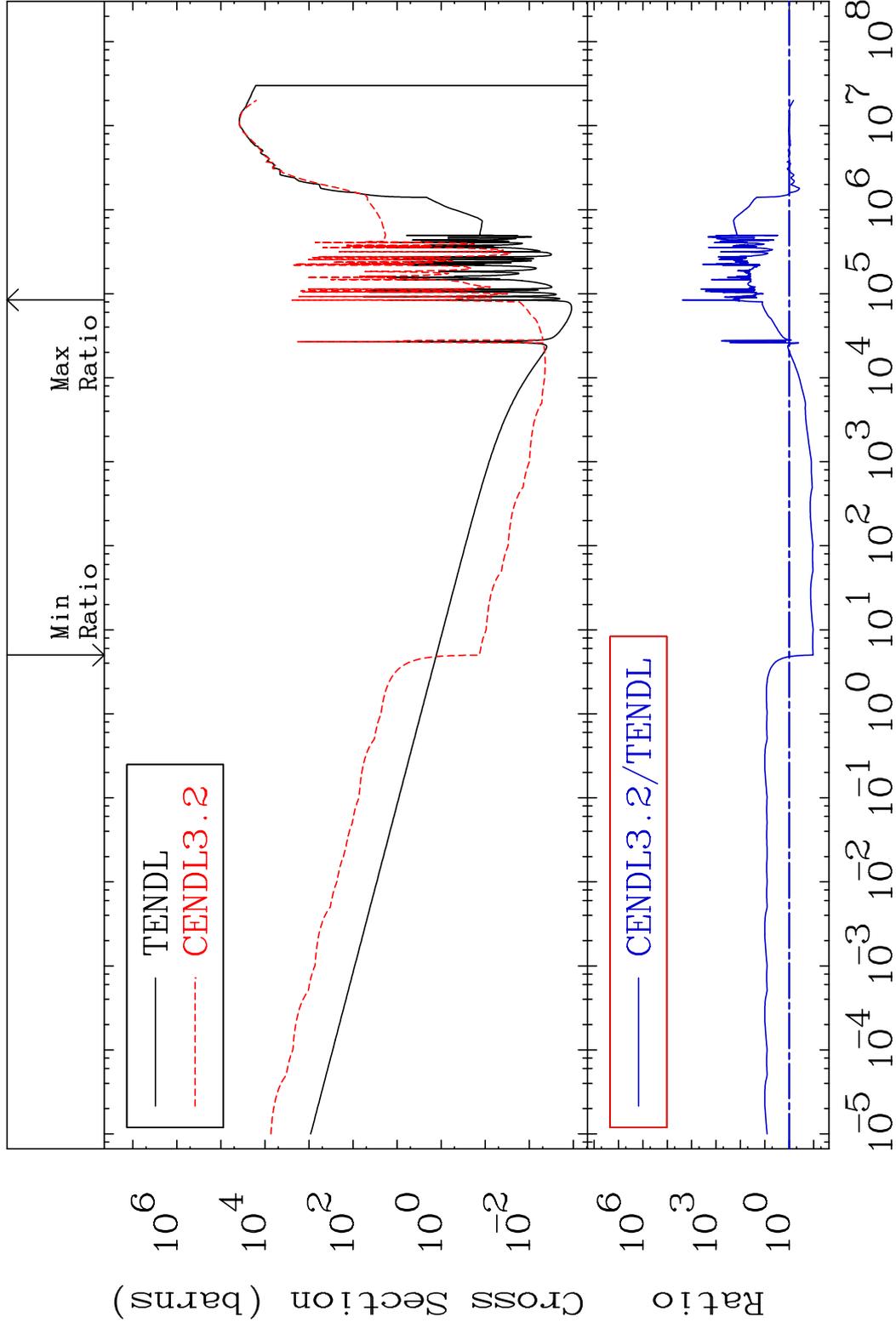
MAT 1525 Dpa elastic (mt2) 15-P -31
 Cross Section -83.23 To 1442. %



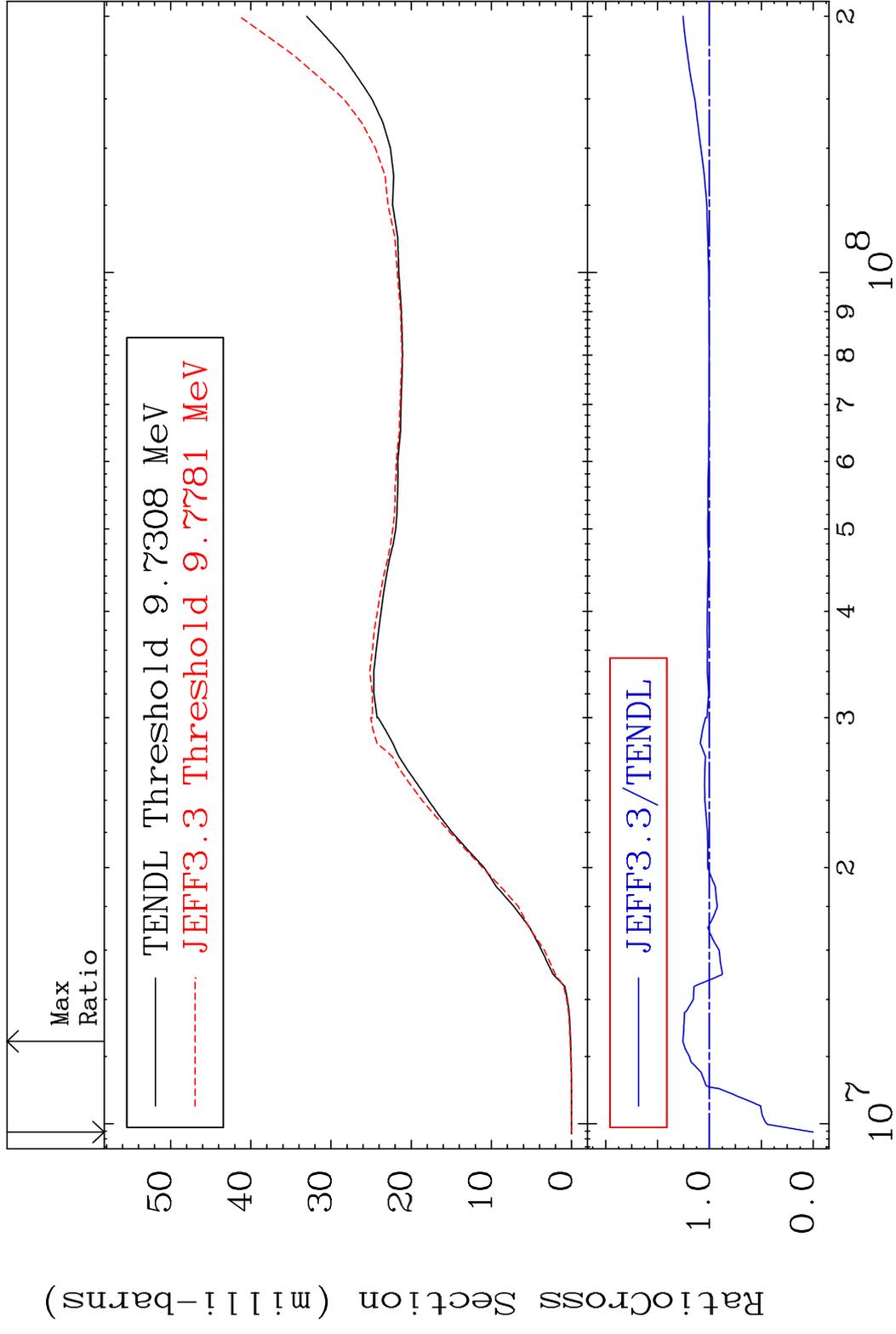
MAT 1525 Dpa inelastic (mt51-91) 15-P -31
 Cross Section -100.0 To 393.7 %



MAT 1525 Dpa disappearance (mt102 -120) 15-P -31
 Cross Section -89.56 To 9999. %

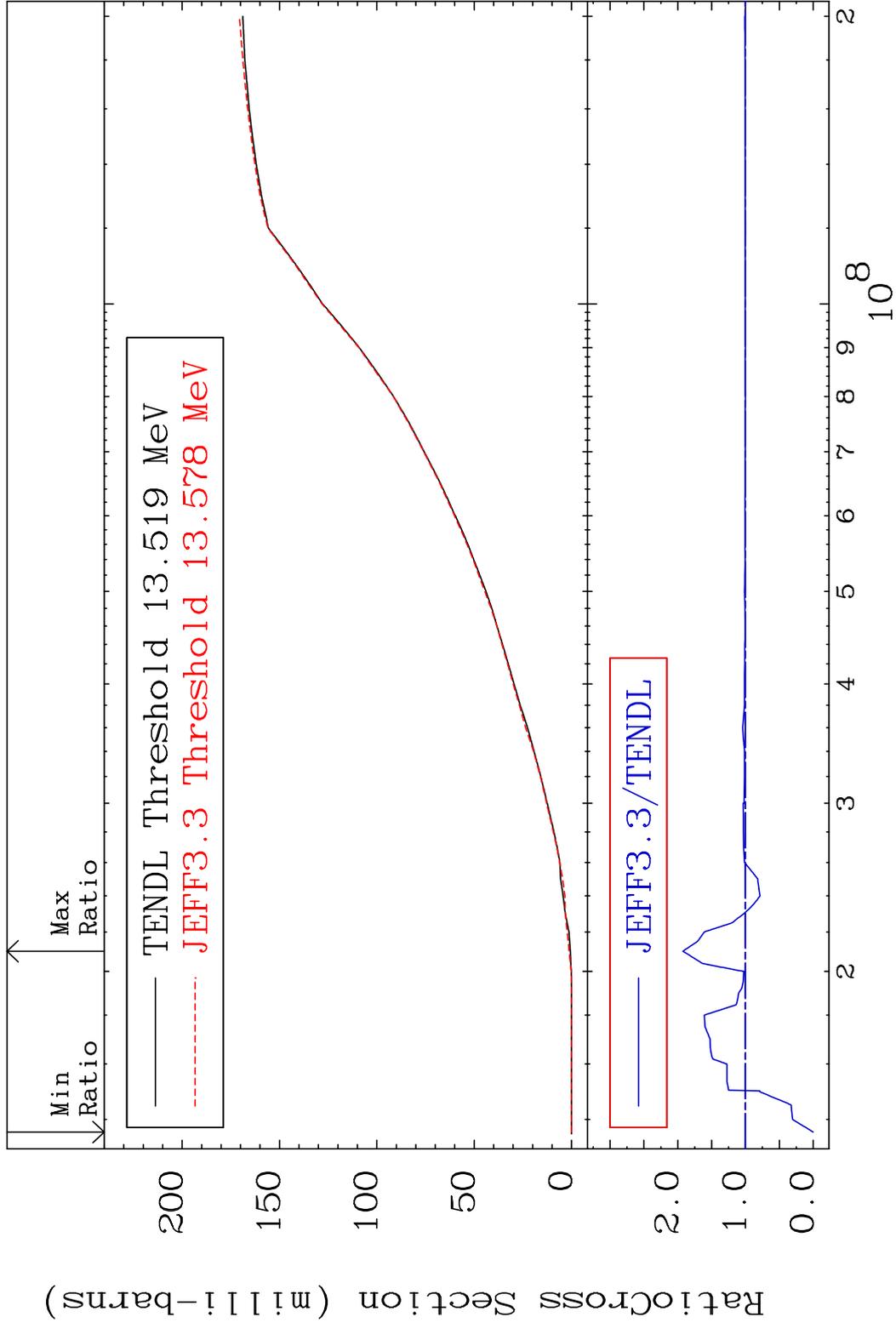


MAT 1525 Tritium Production 15-P -31
 Cross Section -100.0 To 25.65 %

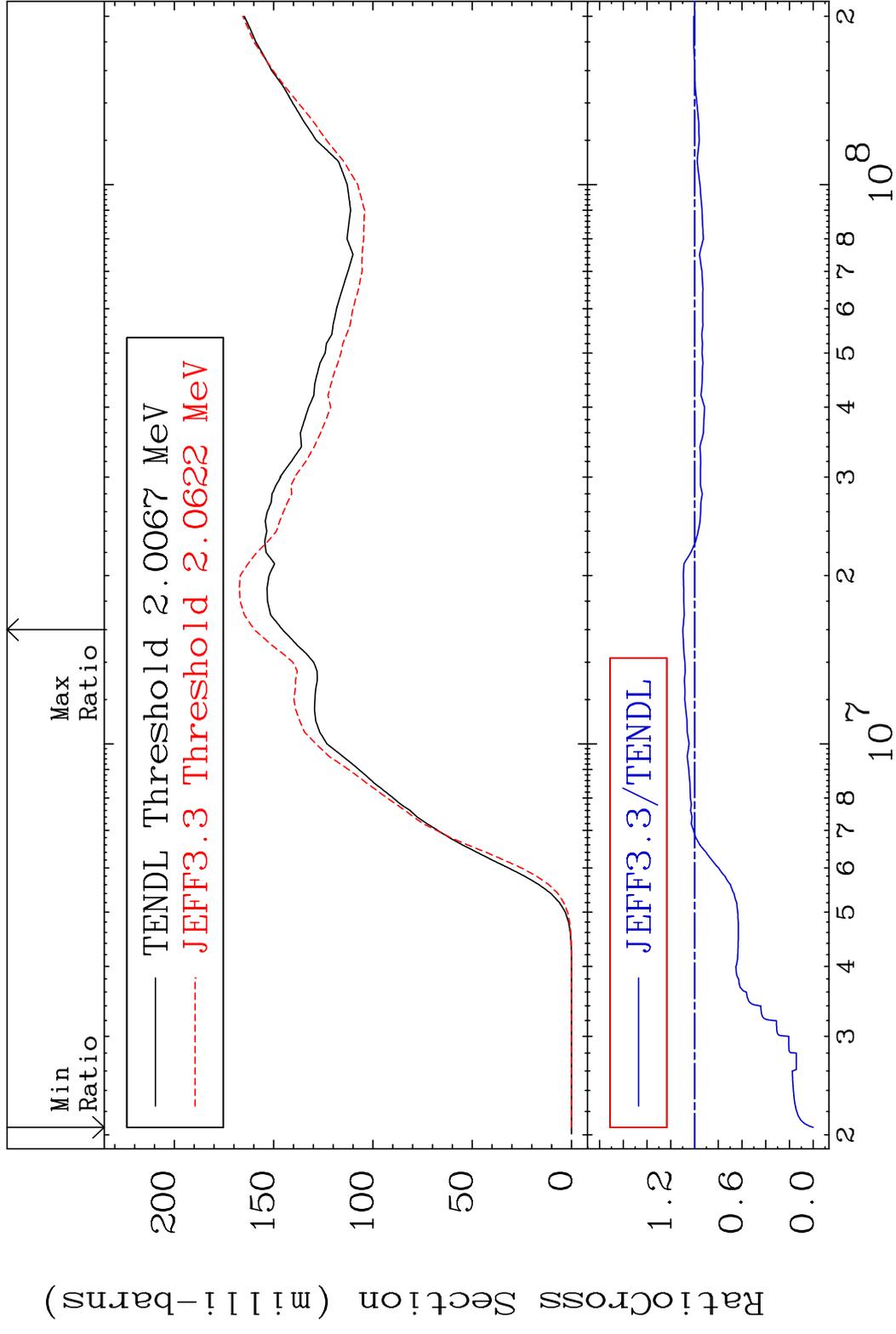


49 Incident Energy (eV) 15-P -31

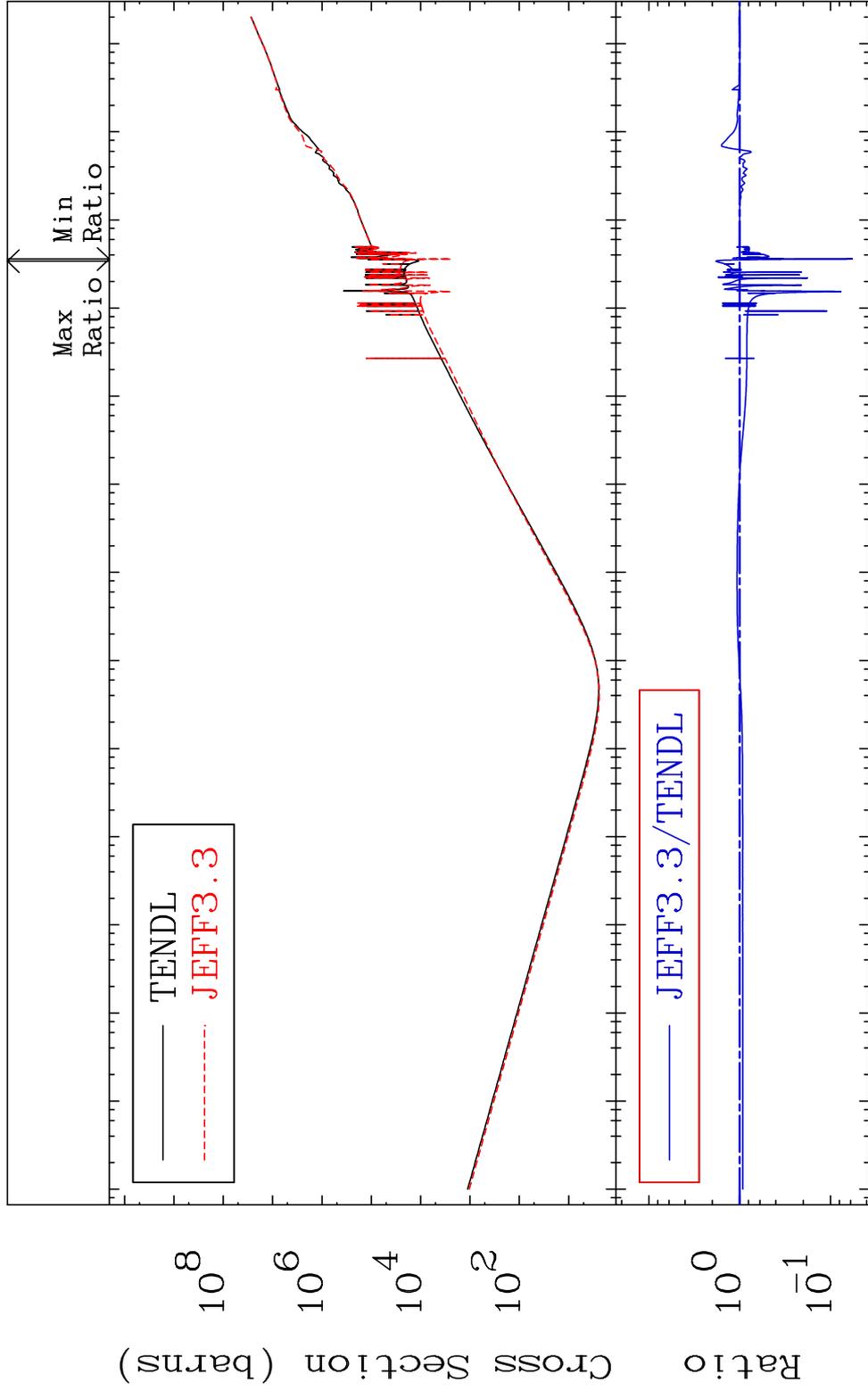
Cross Section -100.0 To 92.52 %



MAT 1525 He-4 Production 15-P -31
 Cross Section -100.0 To 9.811 %



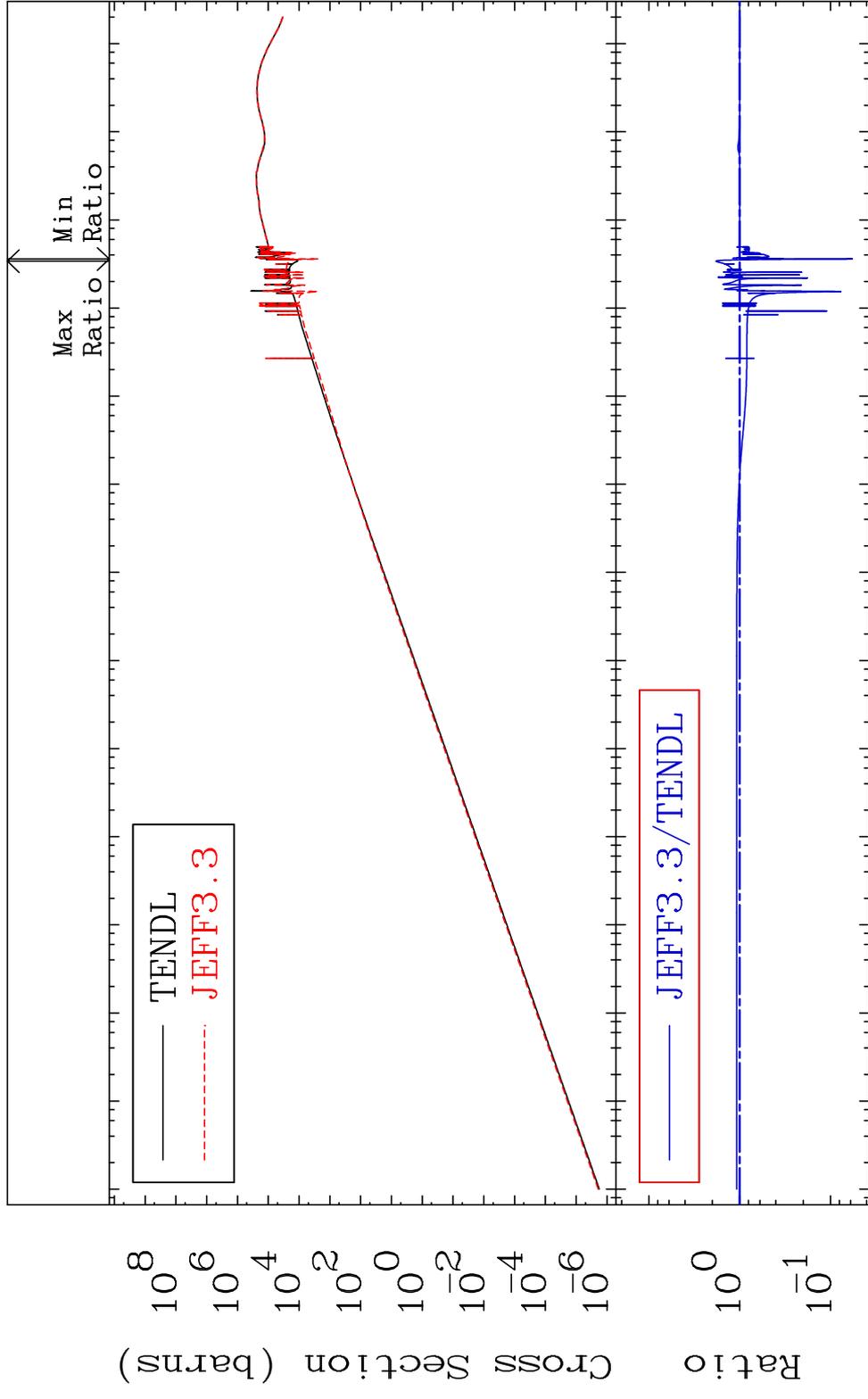
MAT 1525 Kerma total (eV-barns) 15-P -31
 Cross Section -94.27 To 82.95 %



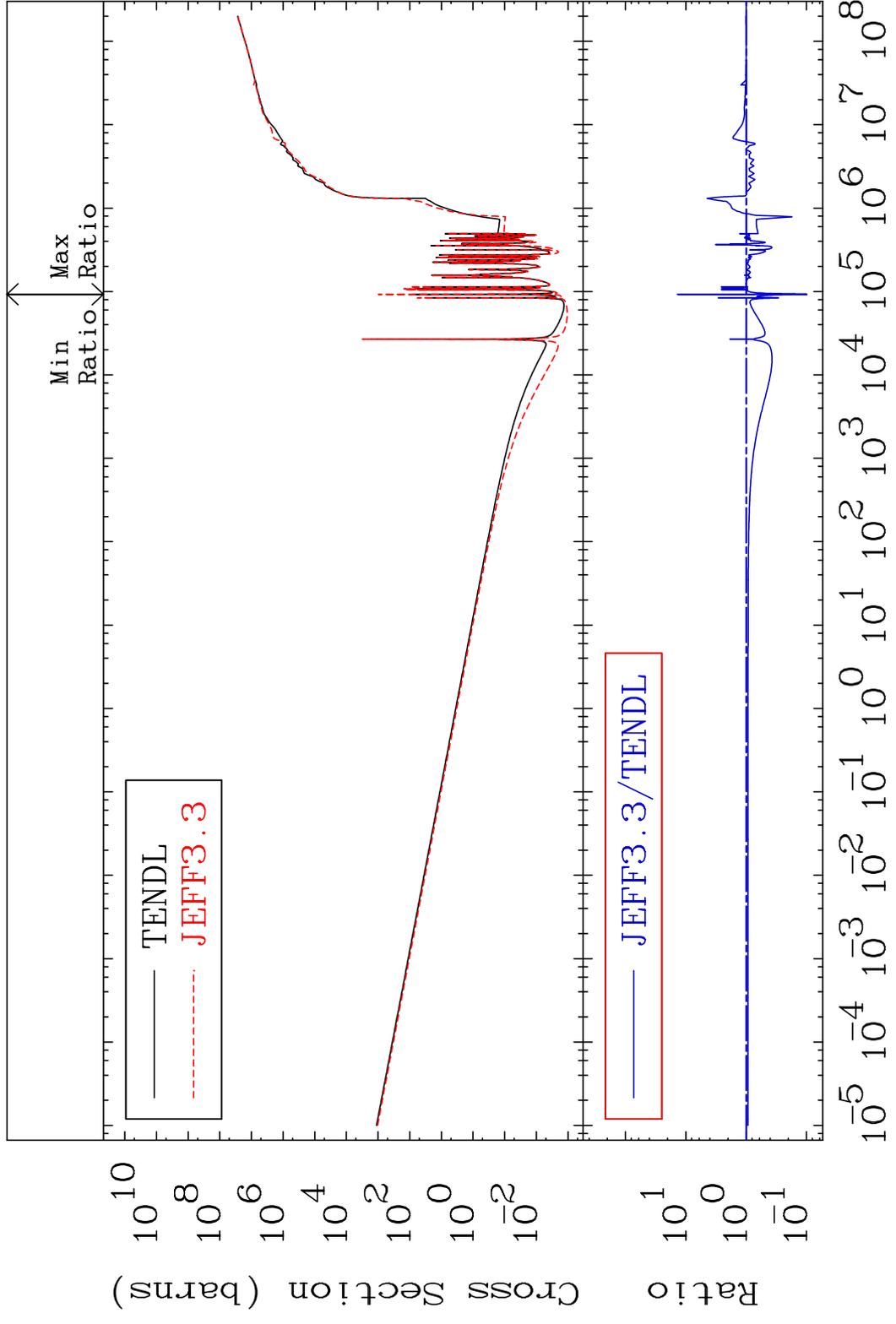
MAT 1525

Kerma elastic
Cross Section

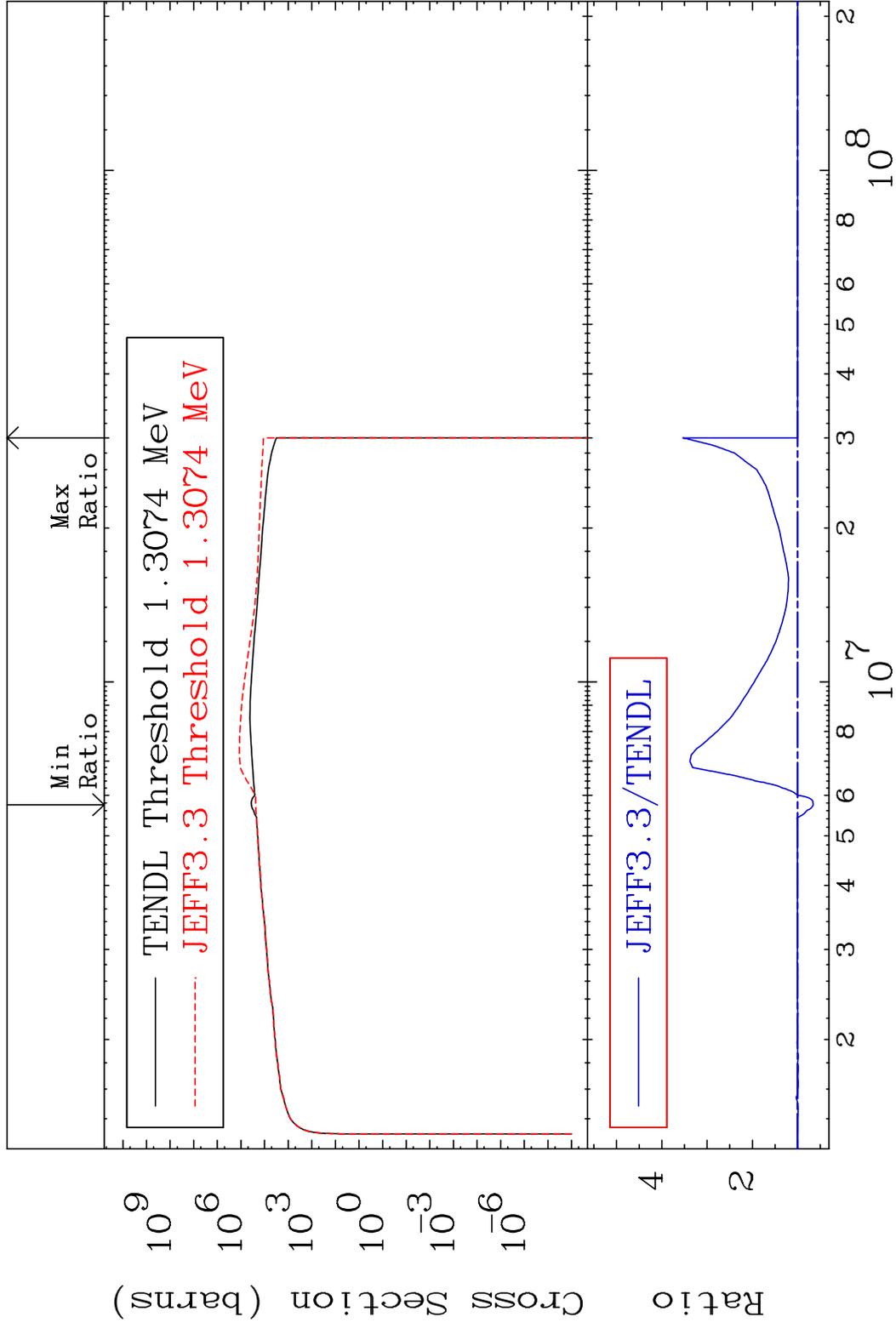
15-P -31
-94.27 To 82.95 %



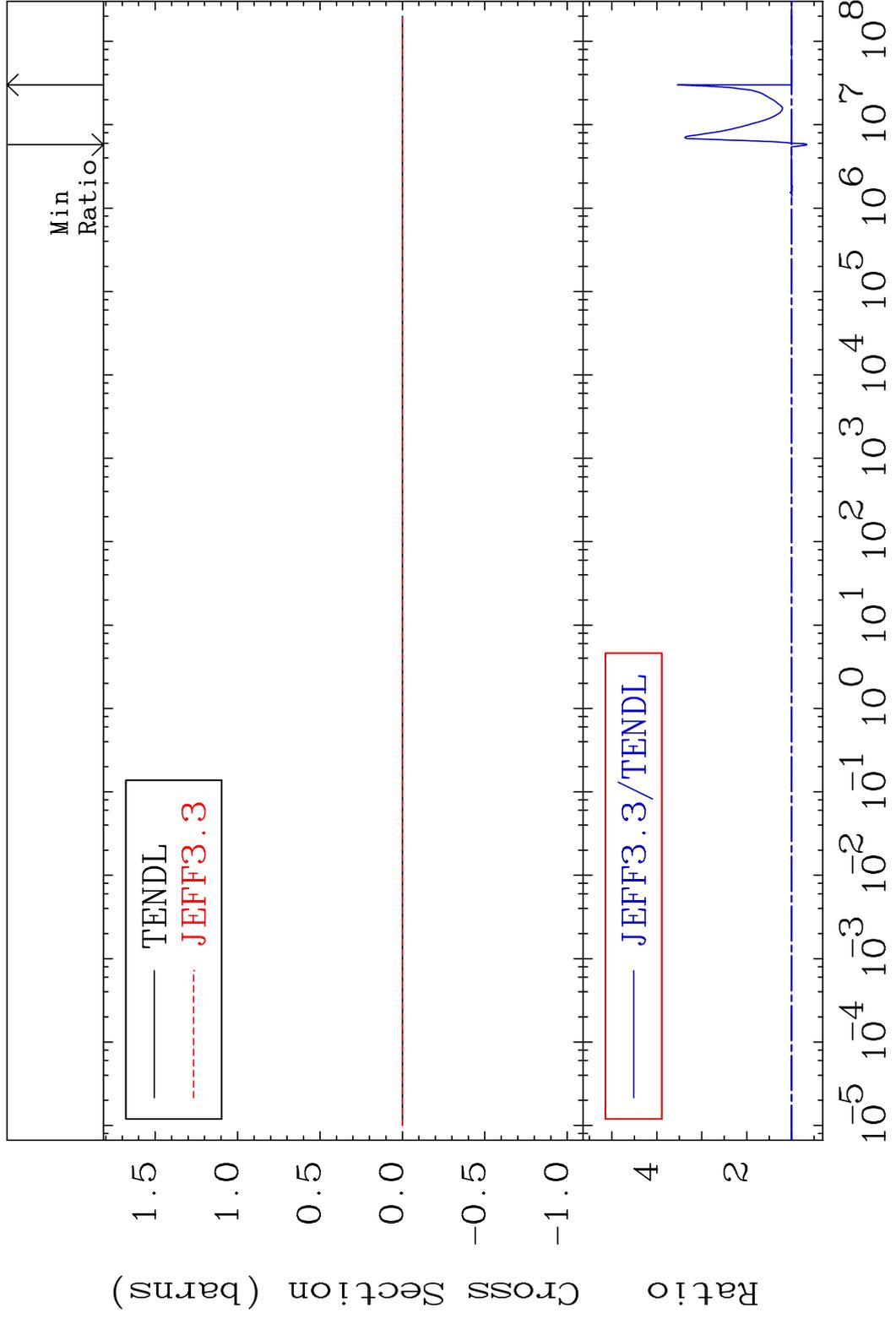
MAT 1525 Kerma non-elastic (all but mt2) 15-P -31
 Cross Section -90.23 To 1262. %

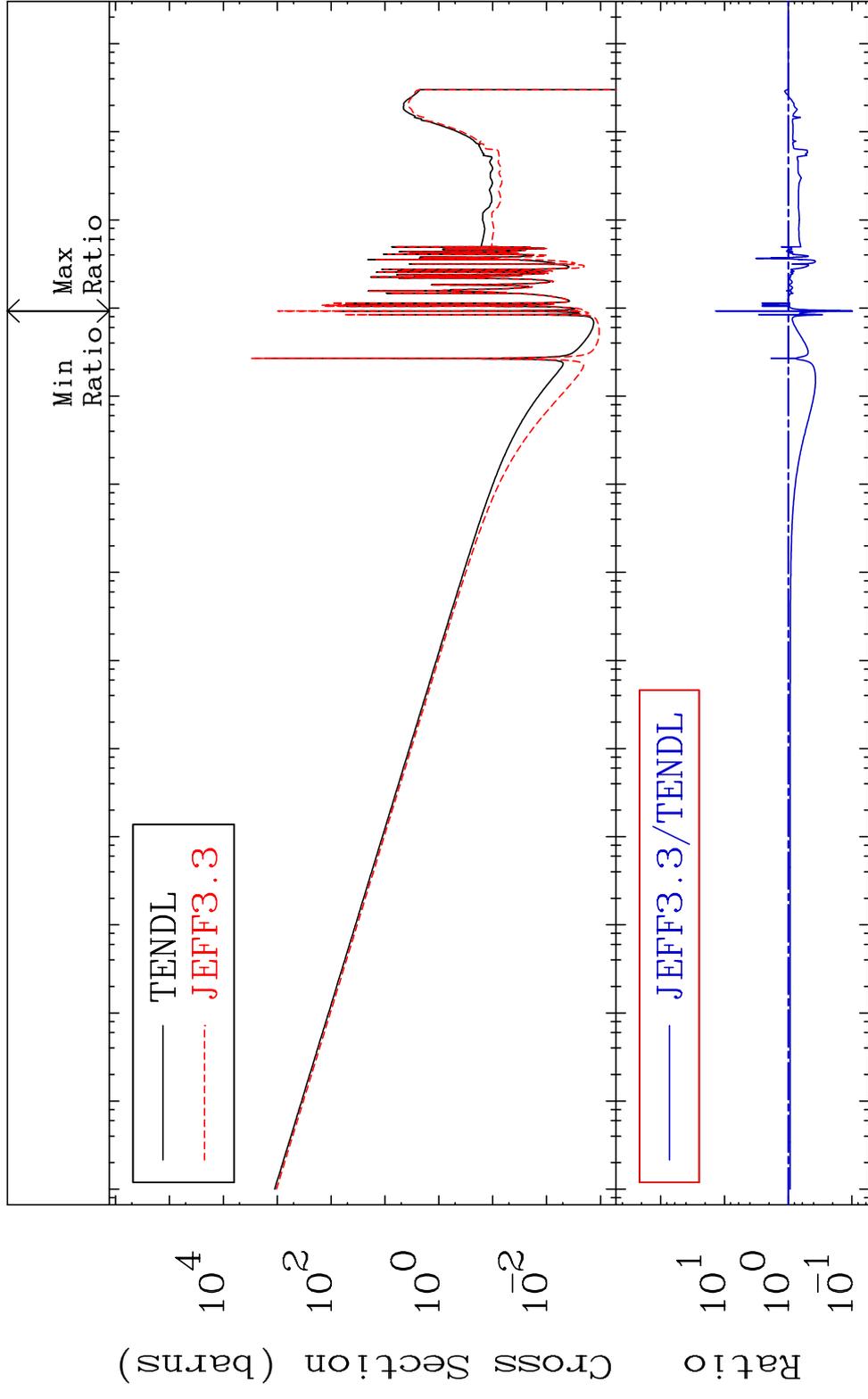


MAT 1525 Kerma inelastic (mt51-91) 15-P -31
 Cross Section -34.24 To 253.6 %



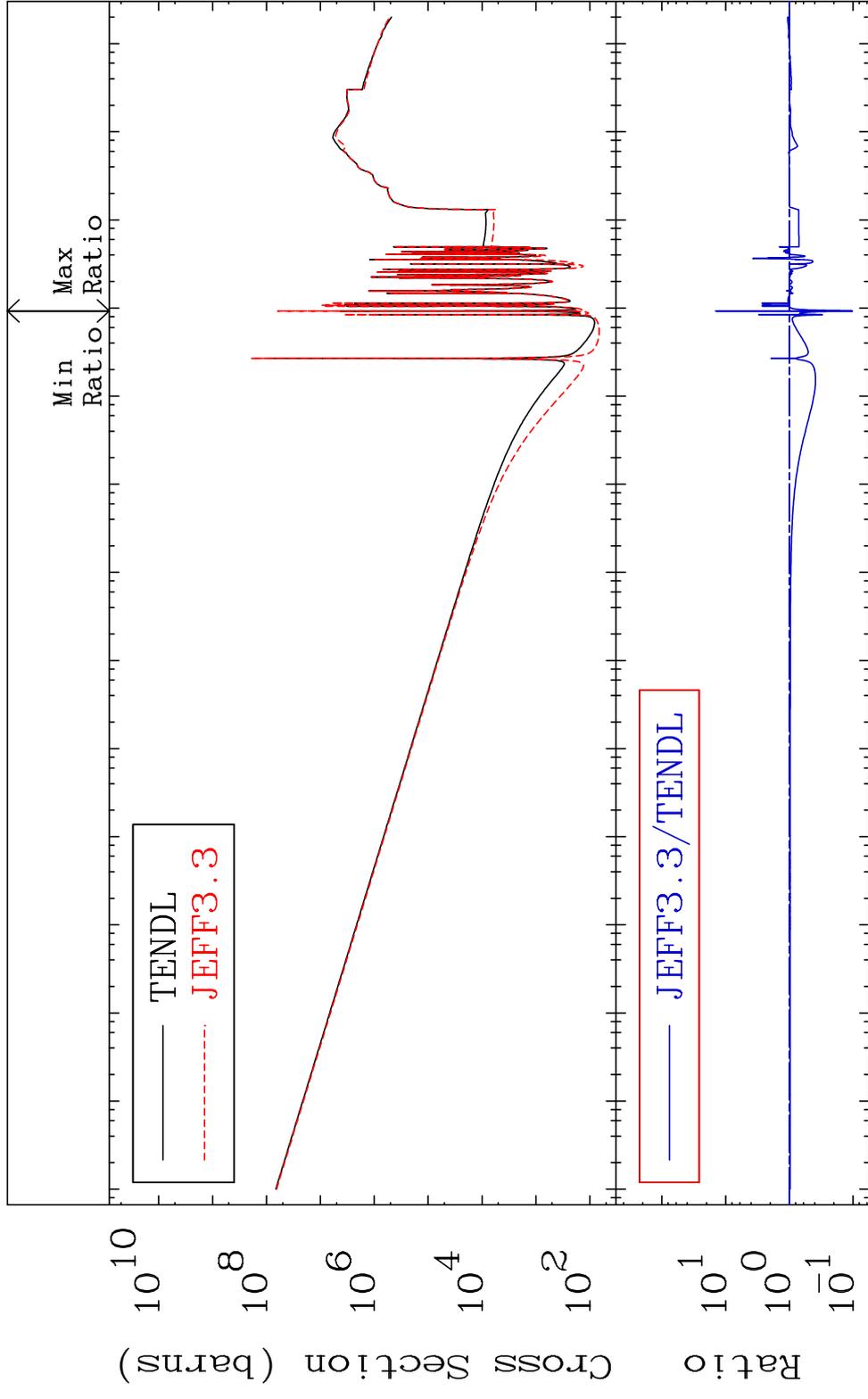
MAT 1525 Kerma fission (mt18 or mt19-20-21-38) 15-P -31
 Cross Section -34.24 To 253.6 %





MAT 1525

Total photon (eV-barns) 15-P -31
Cross Section -89.78 To 1324. %

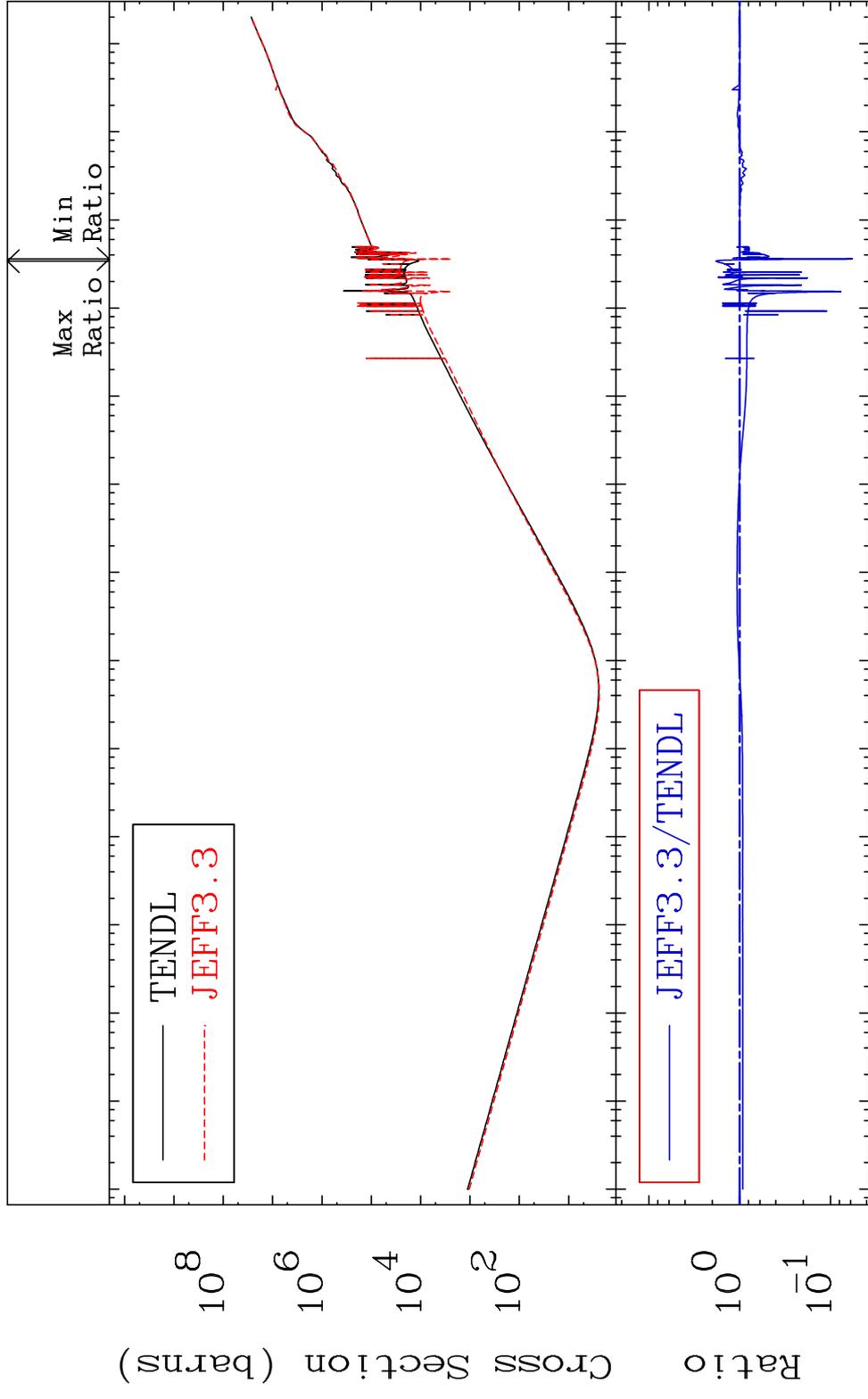


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Incident Energy (eV)

15-P -31

MAT 1525 Total kinematic kerma (high limit) 15-P -31
 Cross Section -94.27 To 82.95 %



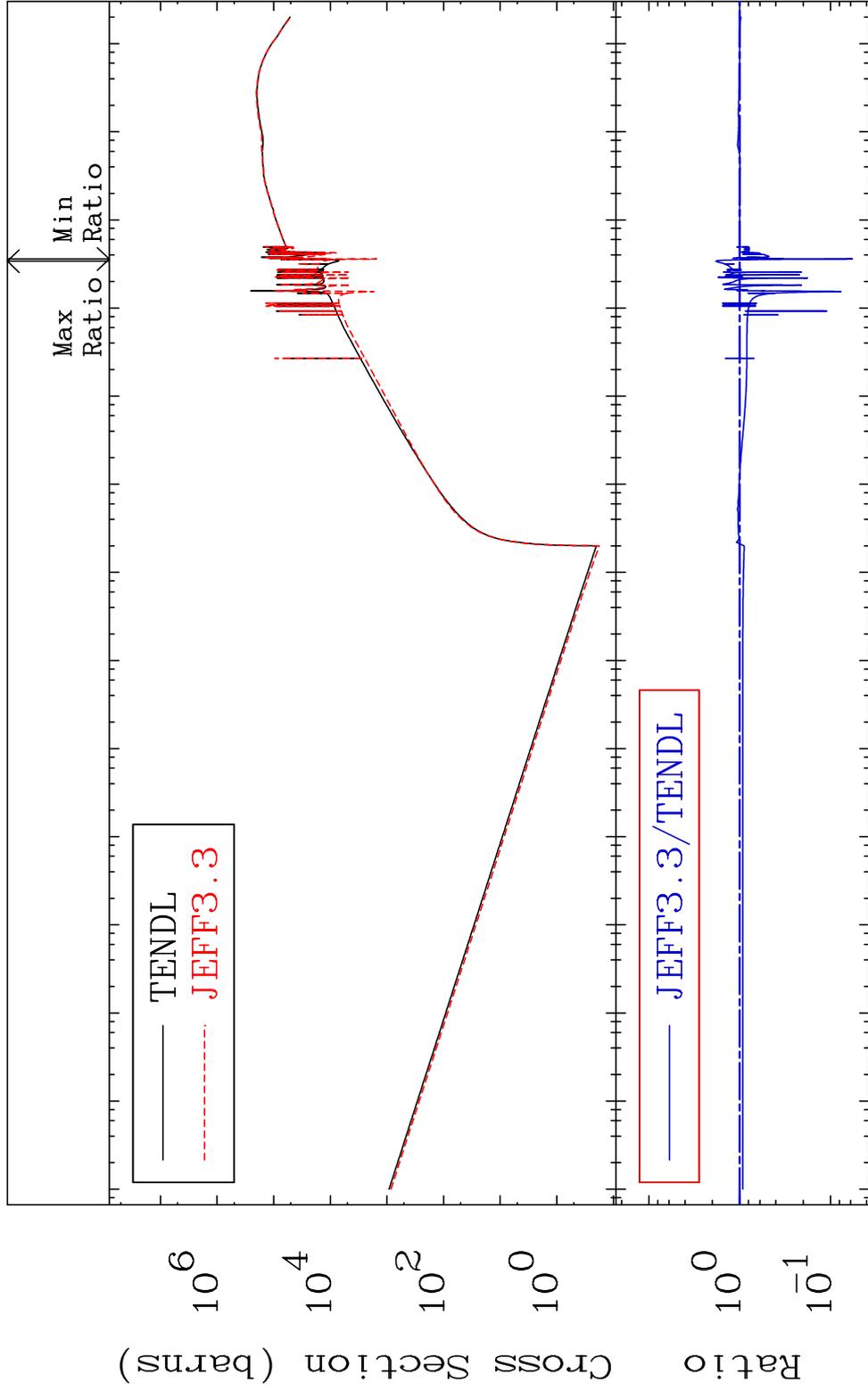
59 Incident Energy (eV) 15-P -31

MAT 1525

Dpa total (eV-barns)

15-P -31

Cross Section -94.27 To 82.95 %



60

Incident Energy (eV)

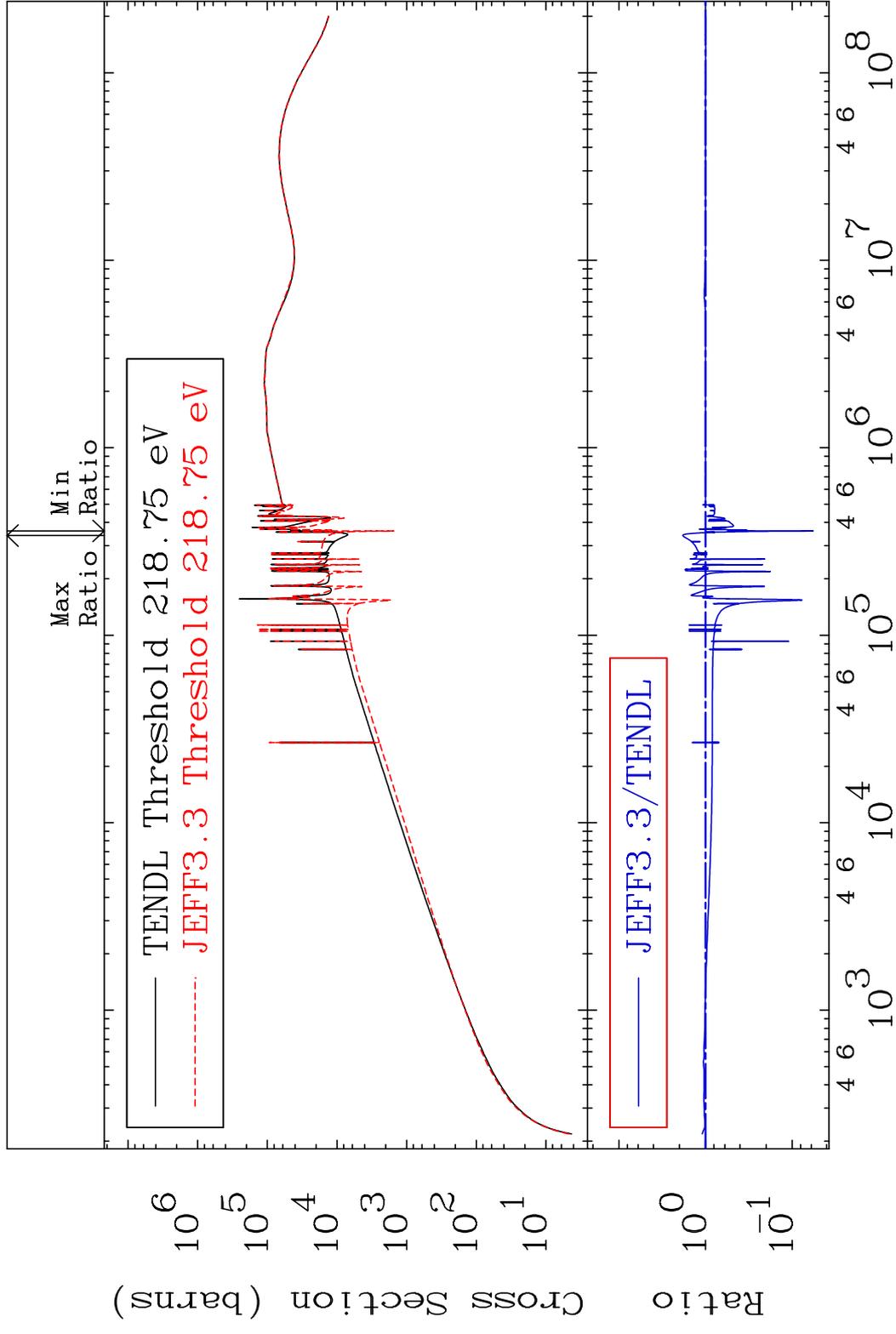
15-P -31

MAT 1525

Dpa elastic (mt2)

15-P -31

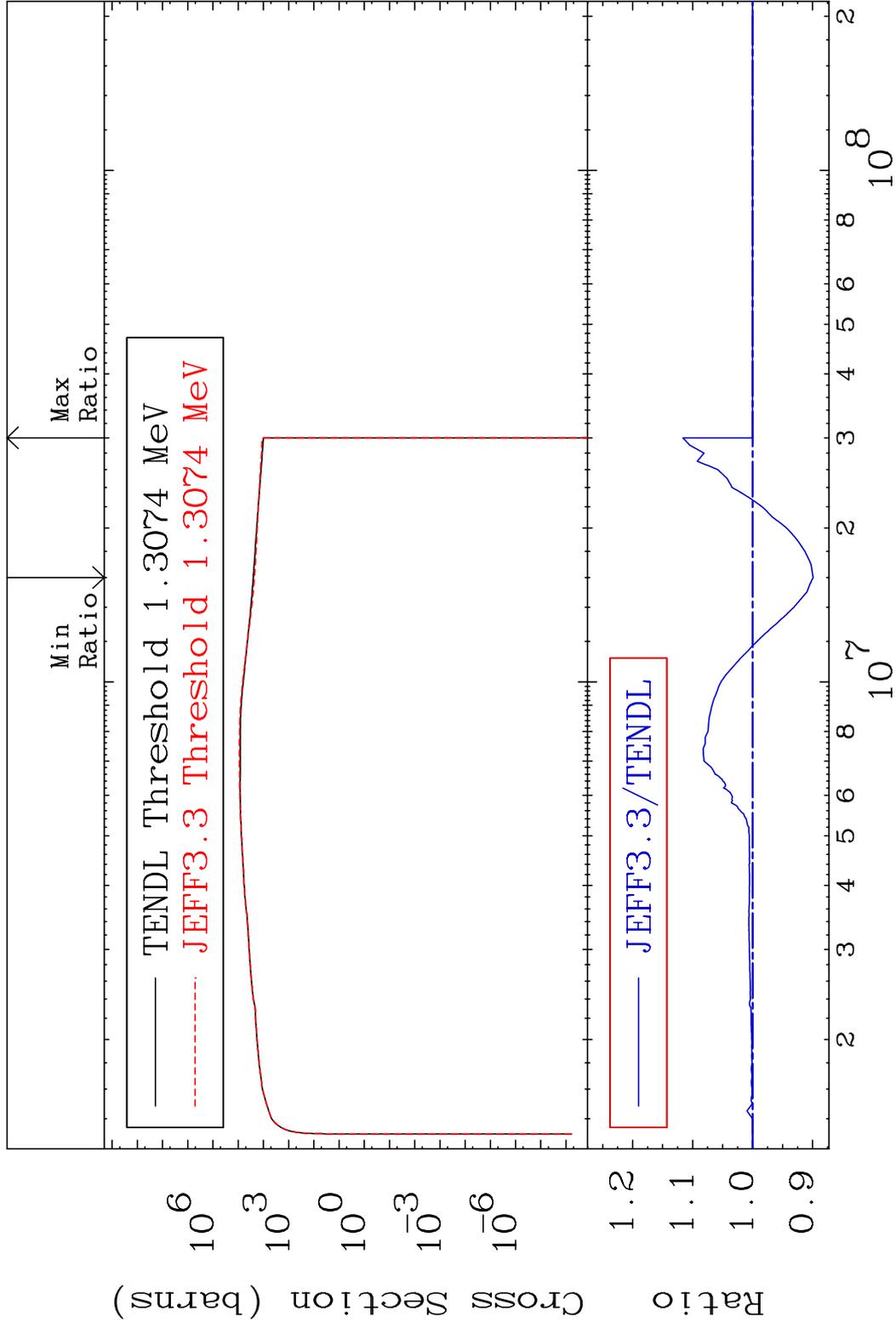
Cross Section -94.27 To 82.95 %



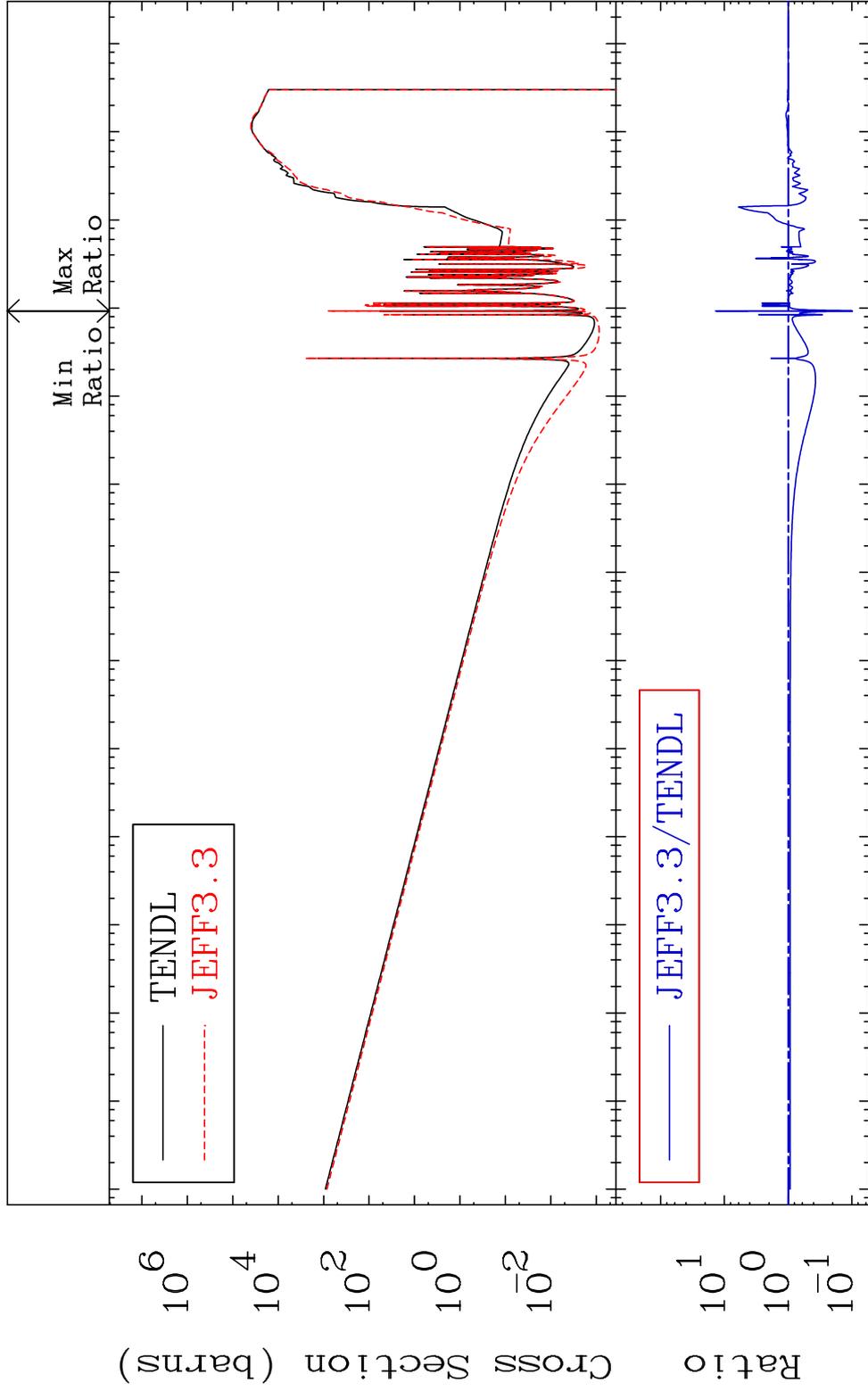
61

Incident Energy (eV)

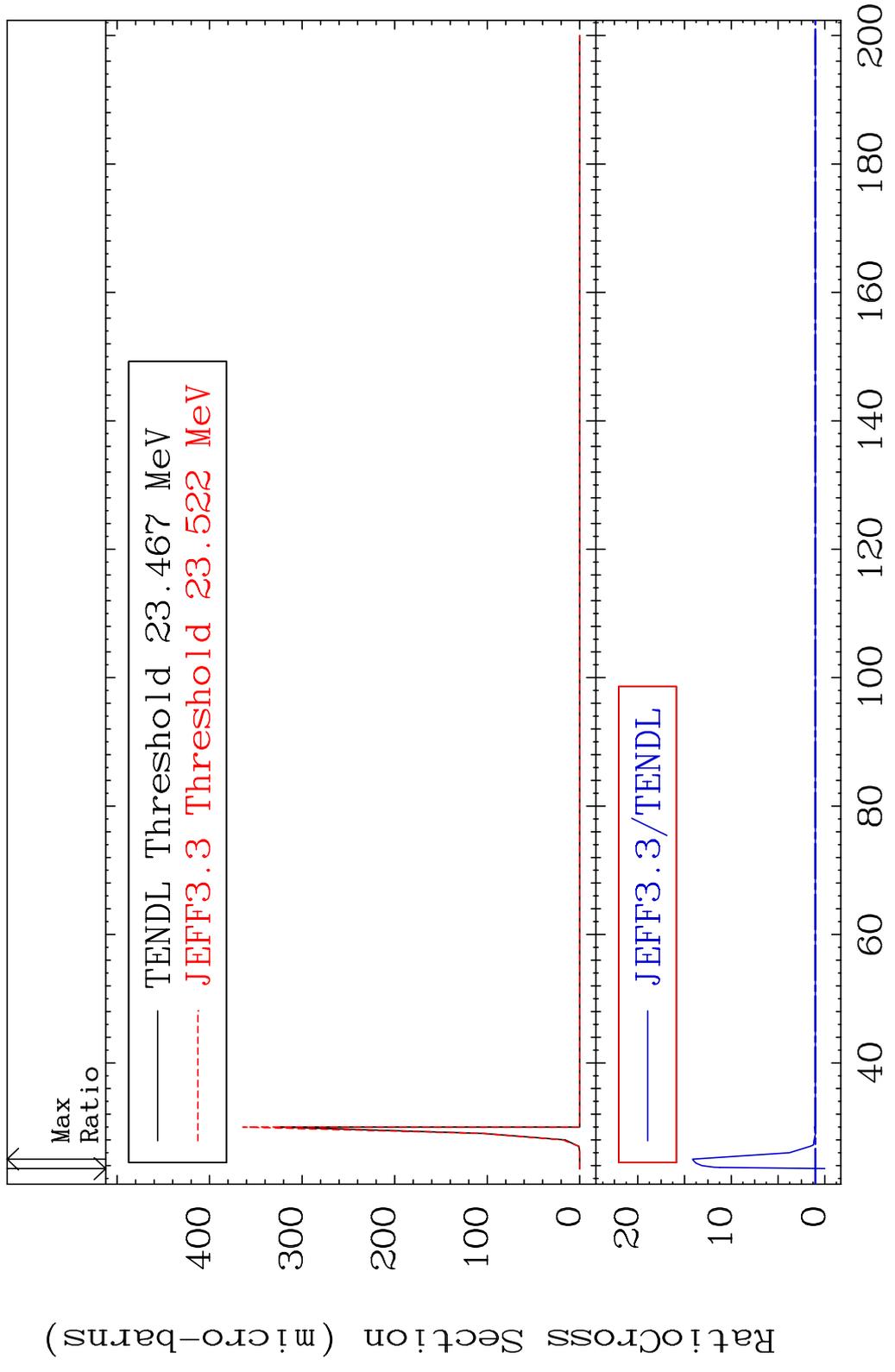
15-P -31



MAT 1525 Dpa disappearance (mt102 -120) 15-P -31
 Cross Section -90.24 To 1260. %



MAT 1525 (n,2n) α :13-Al-26g 15-P -31
 Radionuclide Production Cross Section 130.01 dth 1314. %



MAT 1525 (n,2n) α :13-Al-26m1 15-P -31
 Radionuclide Production Cross Section to 9999. %

