

Program Complot  
(Version 2021-1)

by

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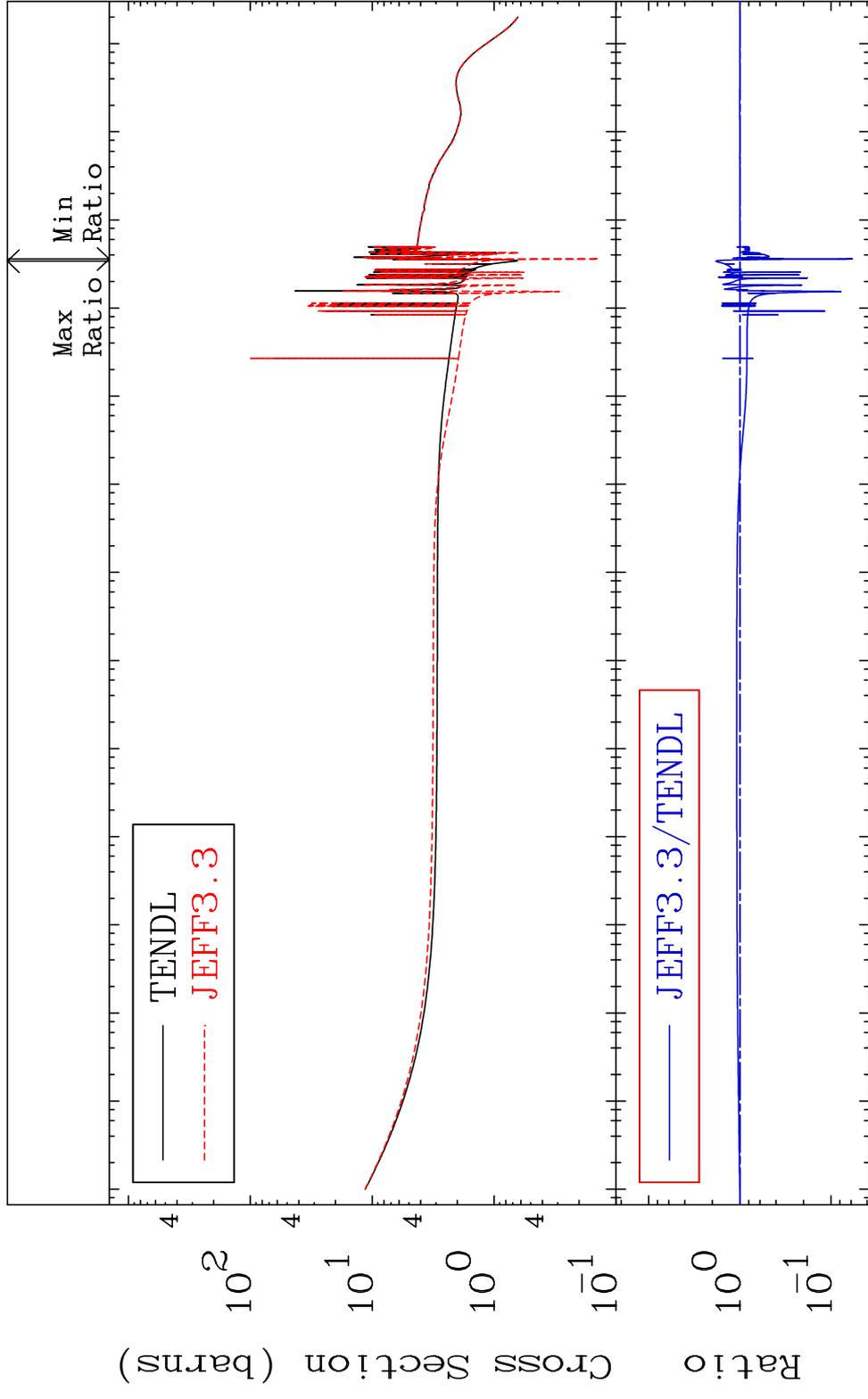
Press Mouse Button to Start

MAT 1525

Total

15-P -31

Cross Section -94.20 To 82.92 %



1

Incident Energy (eV)

15-P -31

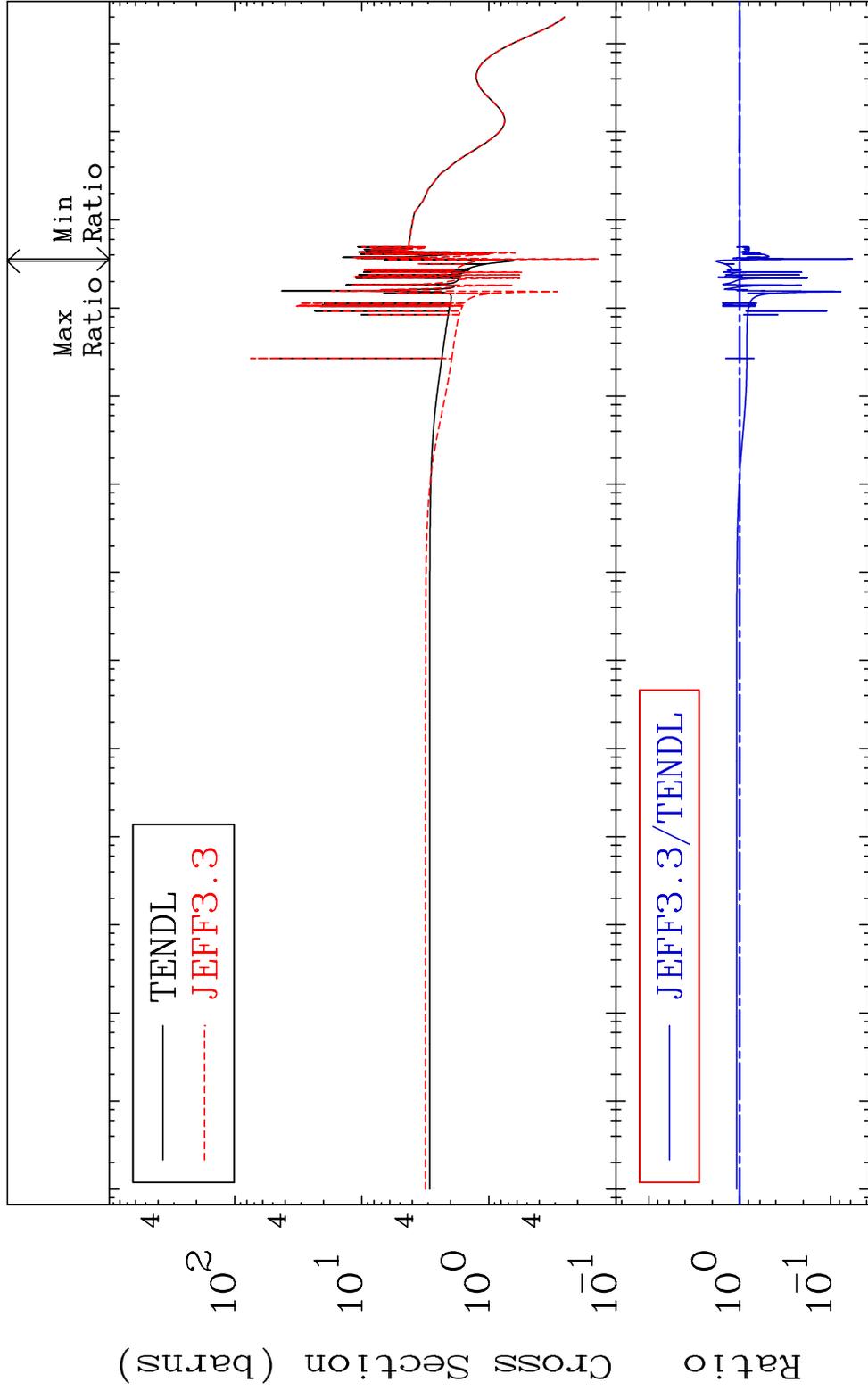
MAT 1525

Elastic

15-P -31

Cross Section

-94.27 To 82.94 %

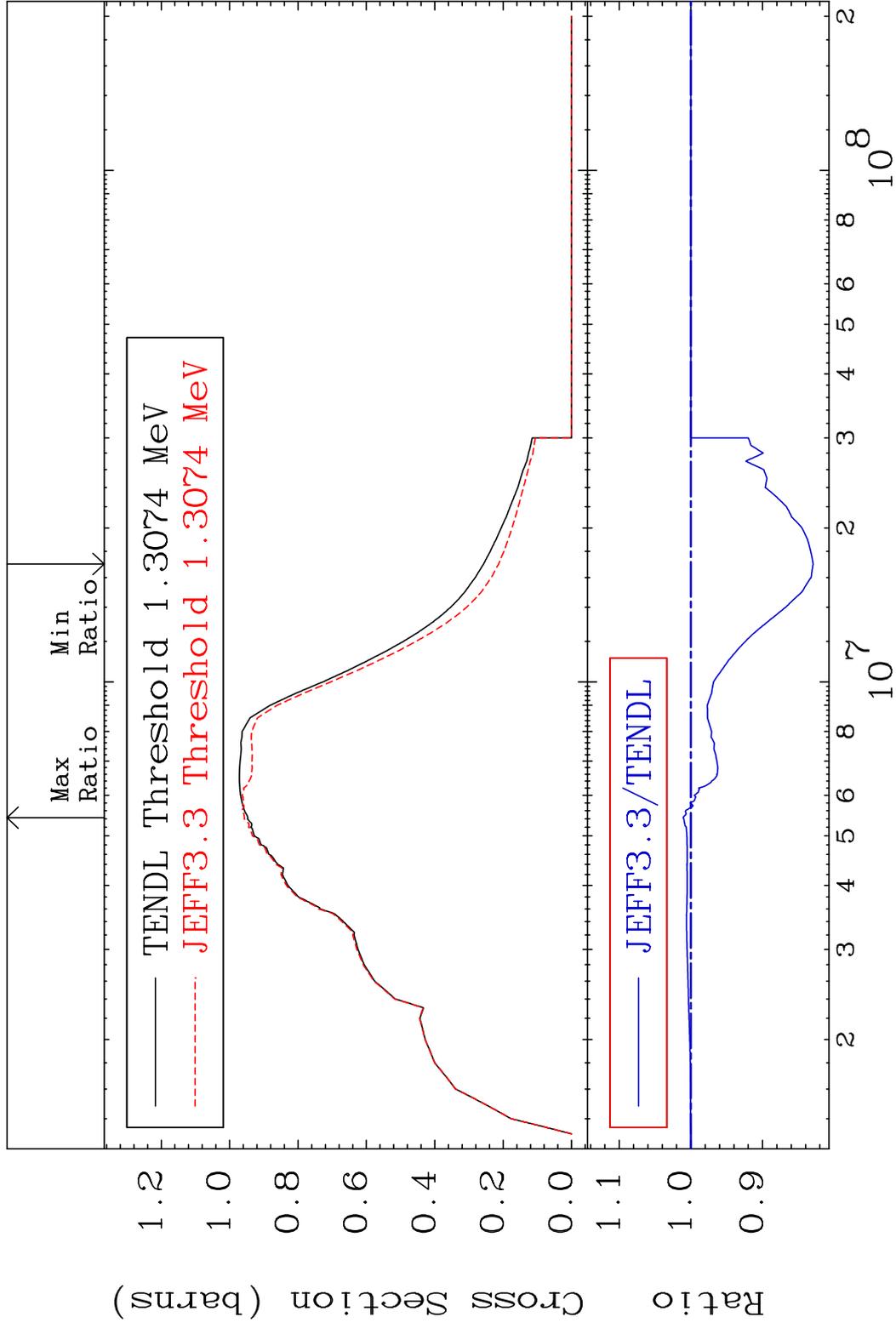


2

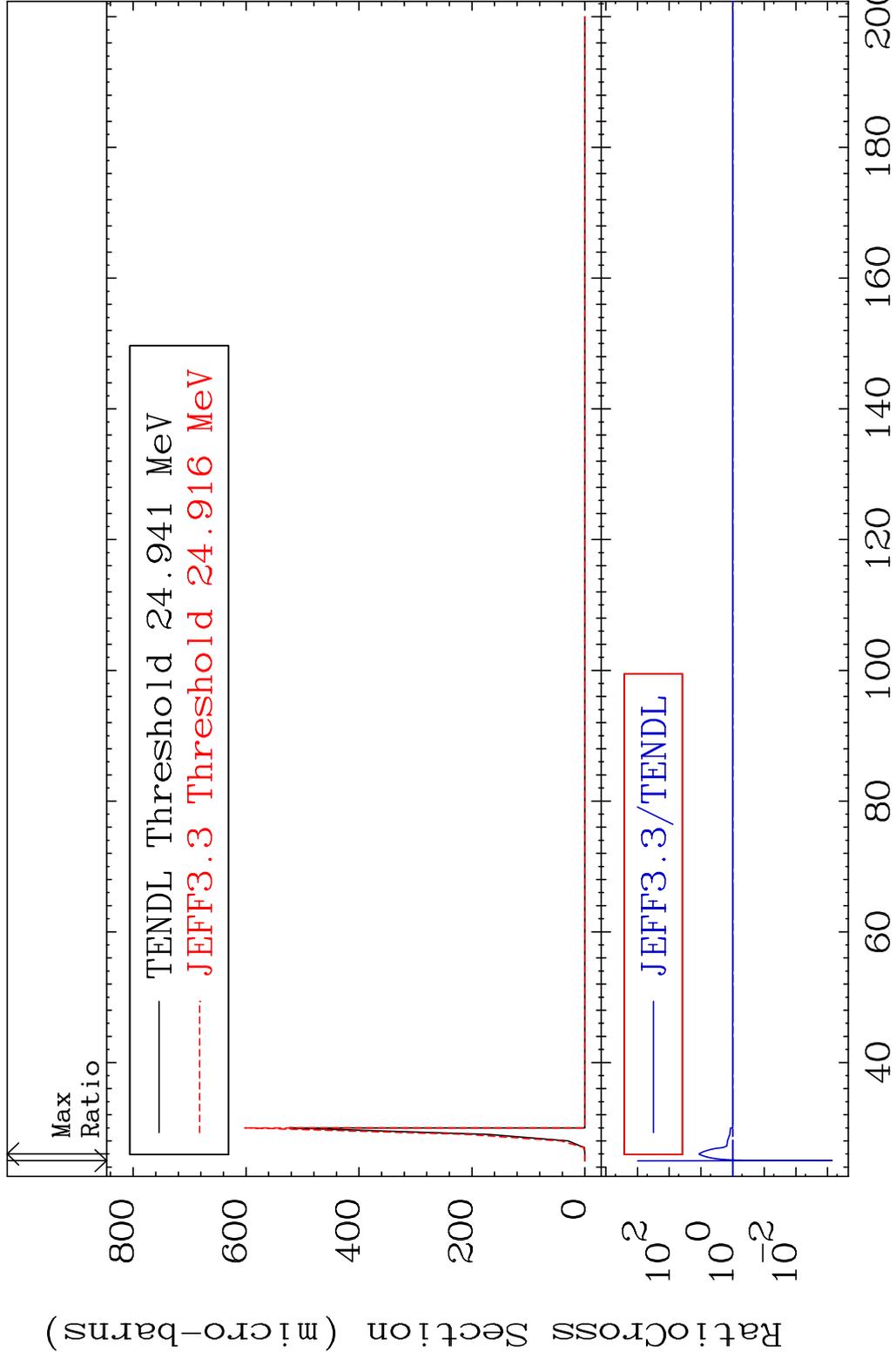
Incident Energy (eV)

15-P -31

MAT 1525 Inelastic 15-P -31  
 Cross Section -17.05 To 1.125 %



MAT 1525 (n,2n) d 15-P -31  
 Cross Section -99.93 To 1068. %

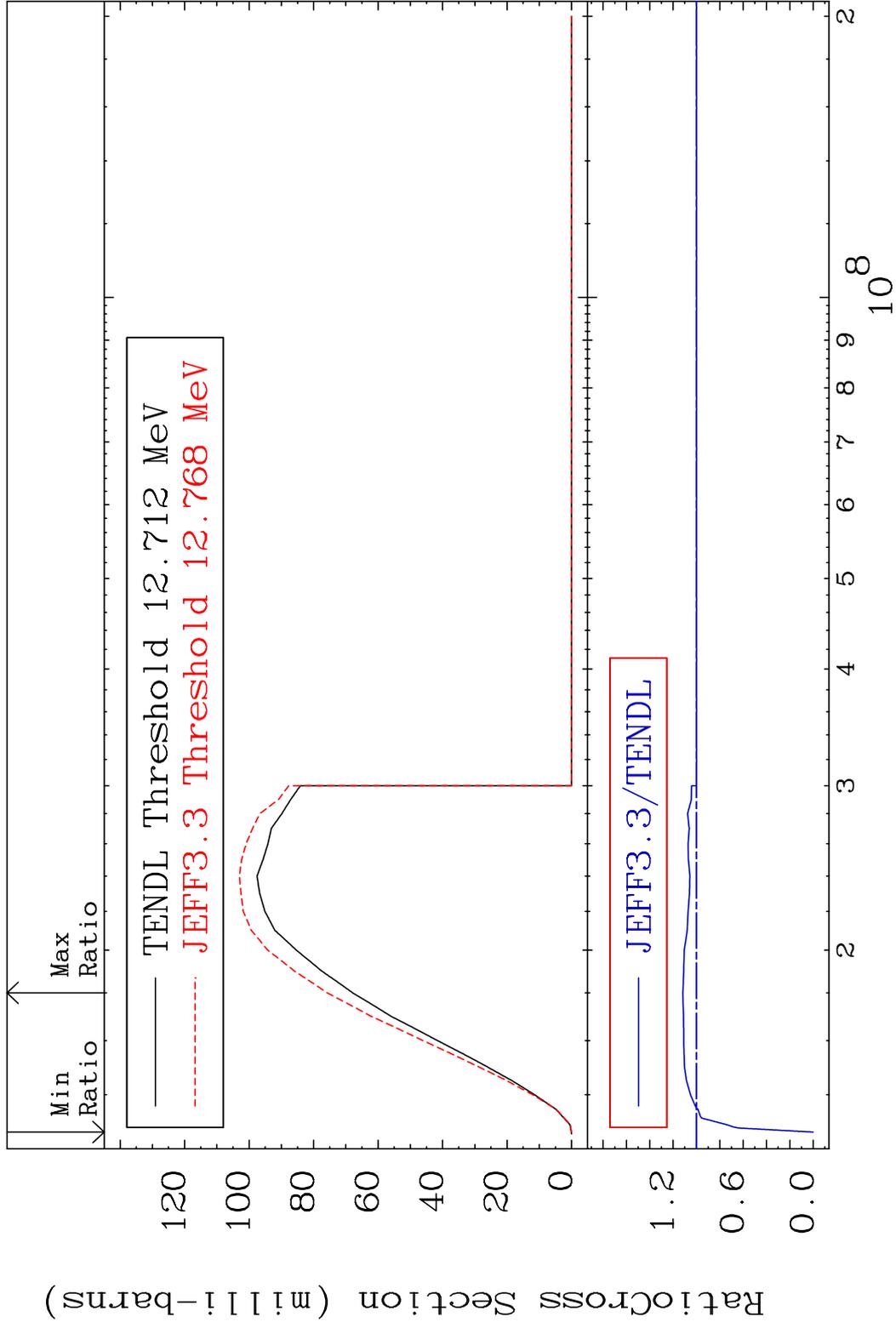


MAT 1525

(n,2n)

15-P -31

Cross Section -100.0 To 11.67 %

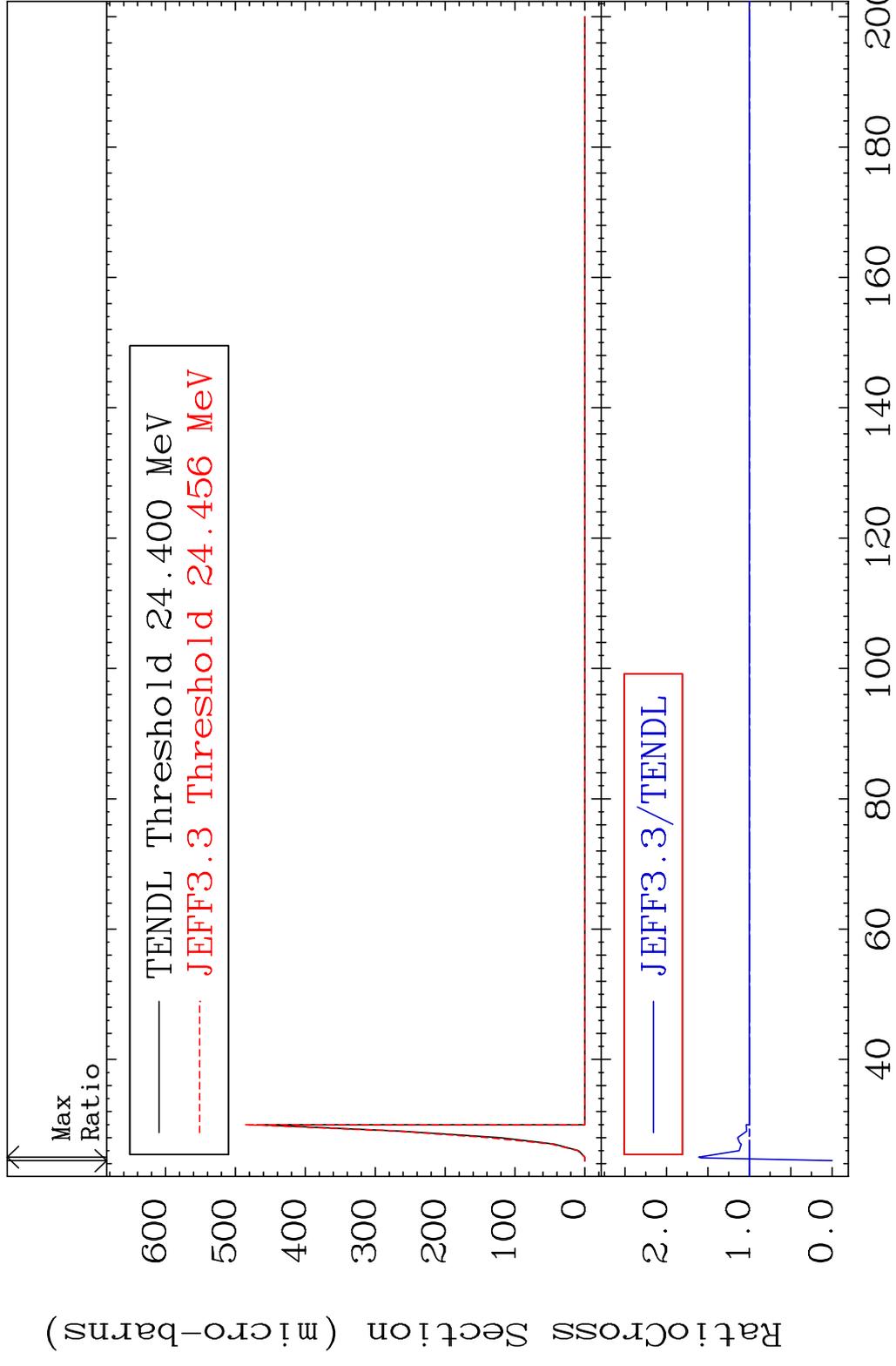


5

Incident Energy (eV)

15-P -31

MAT 1525 (n,3n) 15-P -31  
 Cross Section -100.0 To 61.03 %

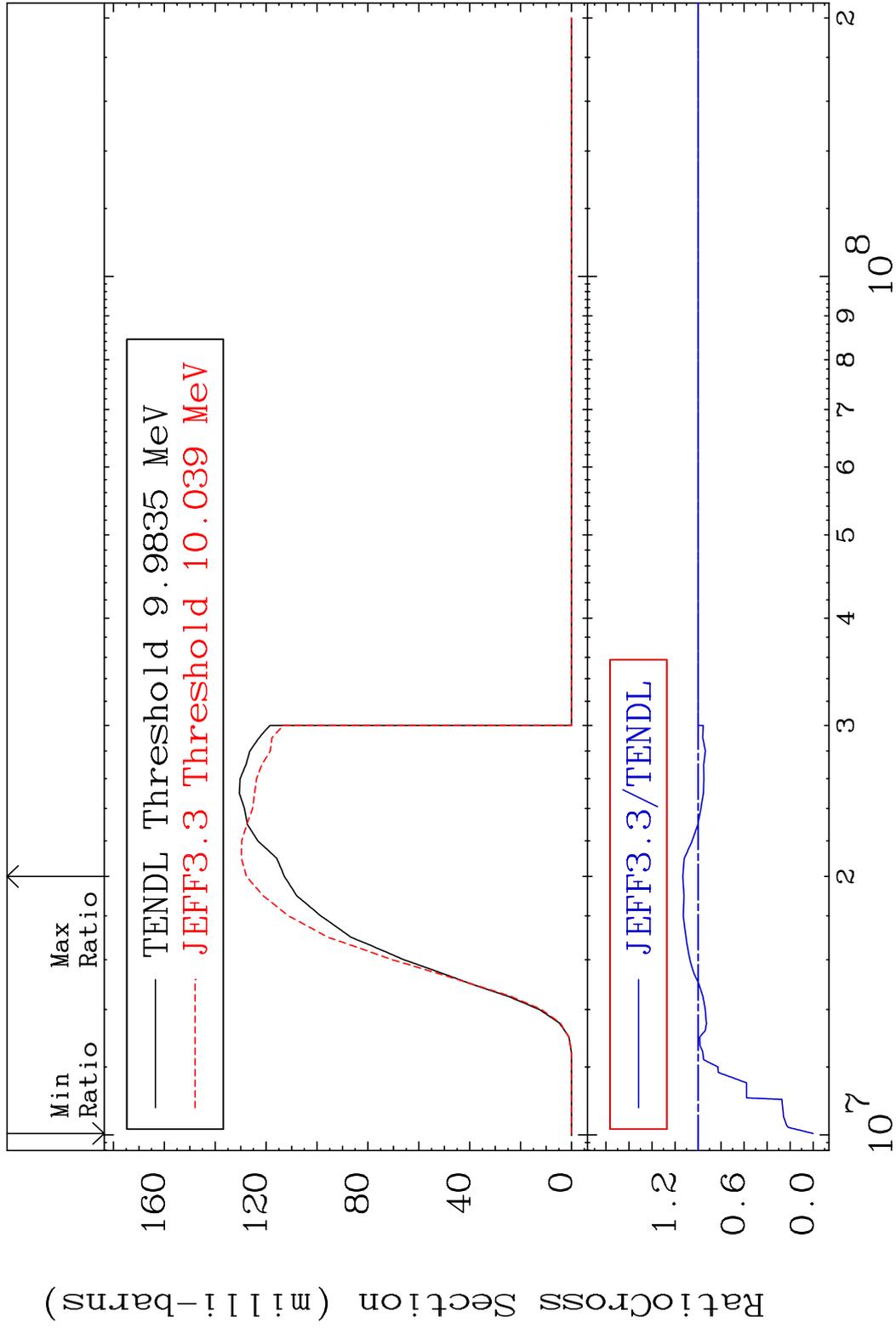


MAT 1525

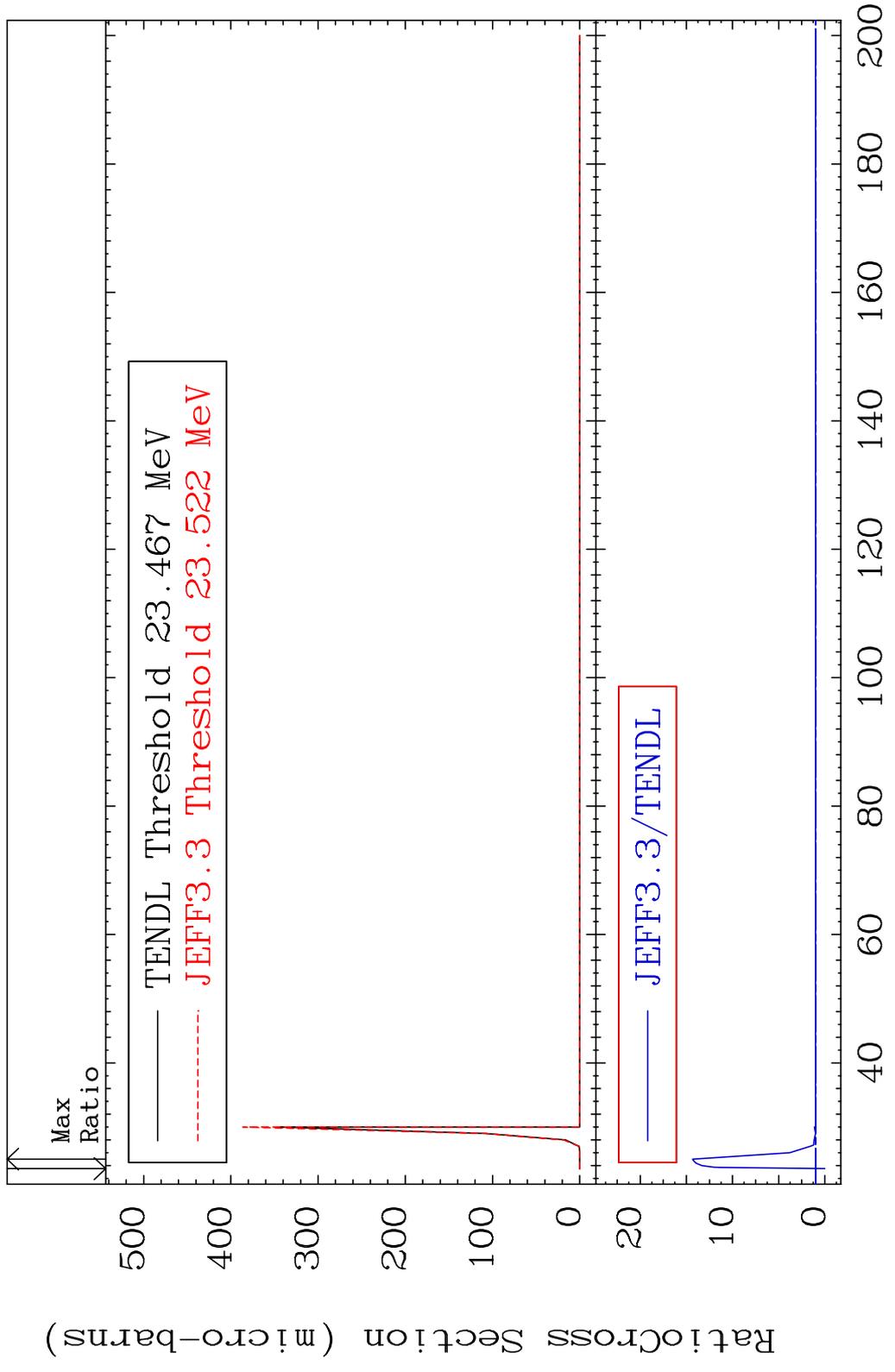
(n, n')  $\alpha$

15-P -31

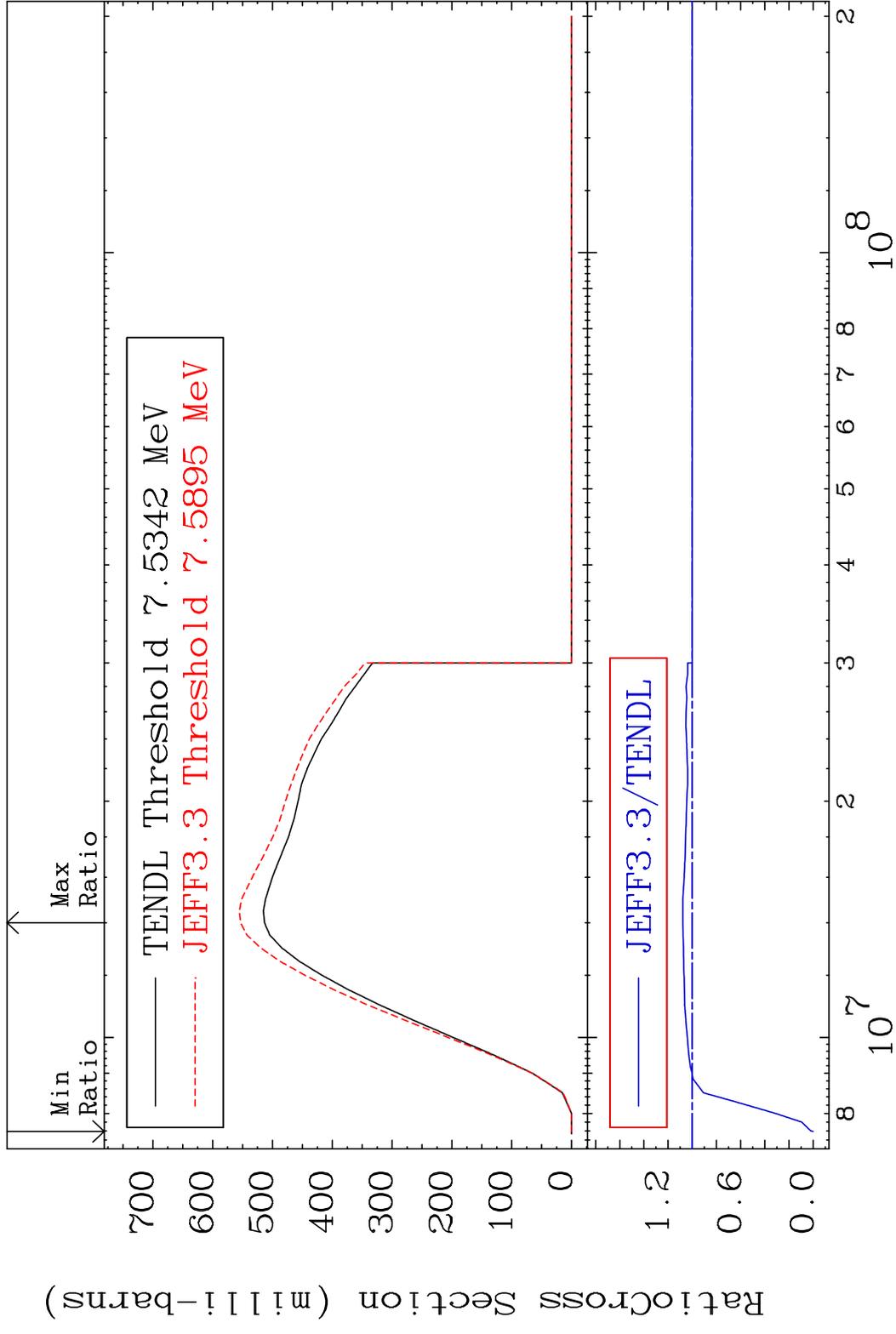
Cross Section -100.0 To 13.23 %



MAT 1525 (n,2n)  $\alpha$  15-P -31  
 Cross Section -100.0 To 1333. %



MAT 1525 (n, n') p 15-P -31  
 Cross Section -100.0 To 7.818 %

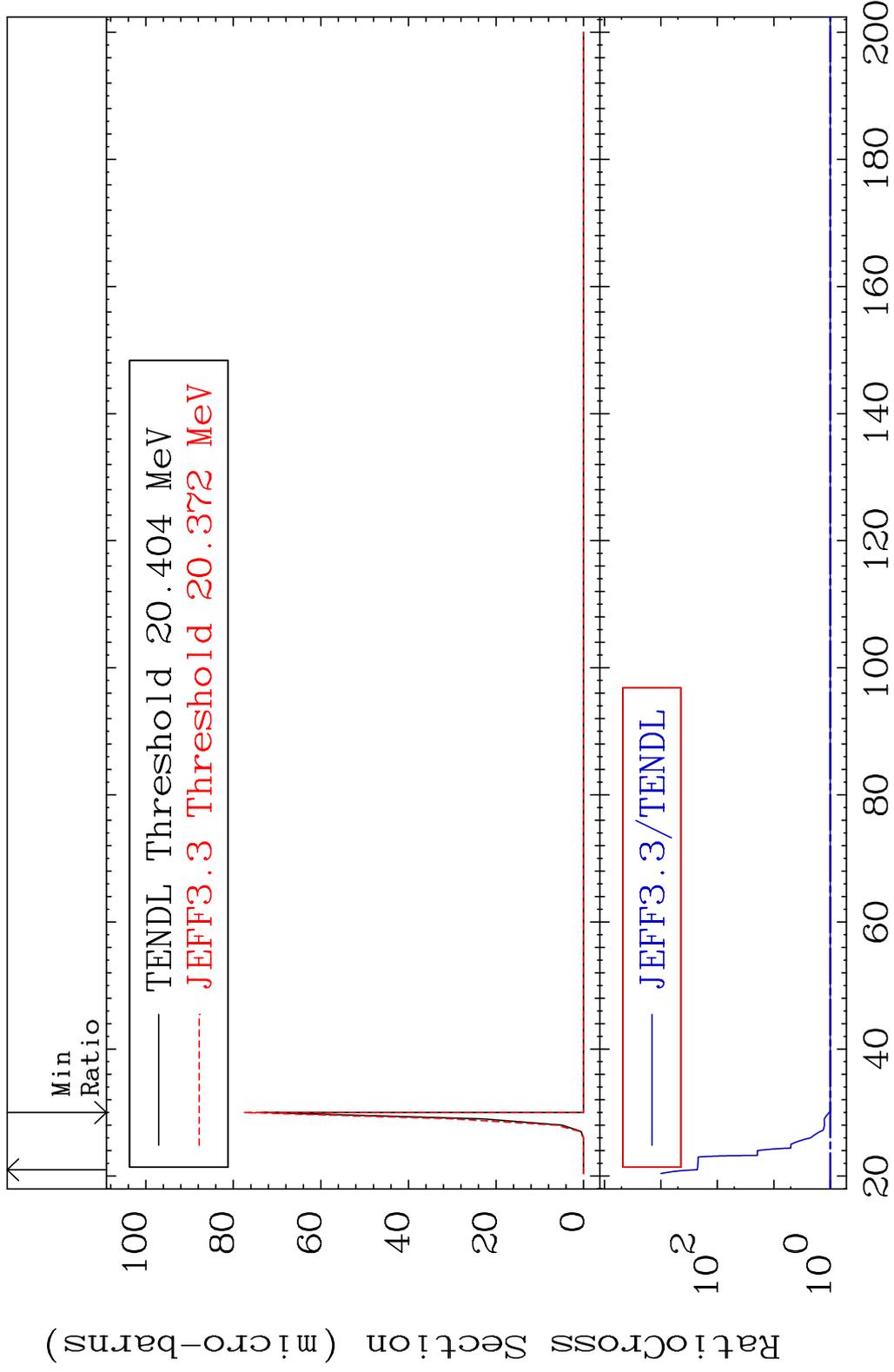


MAT 1525

(n, n') 2α

15-P -31

Cross Section 0.000 To 9999. %

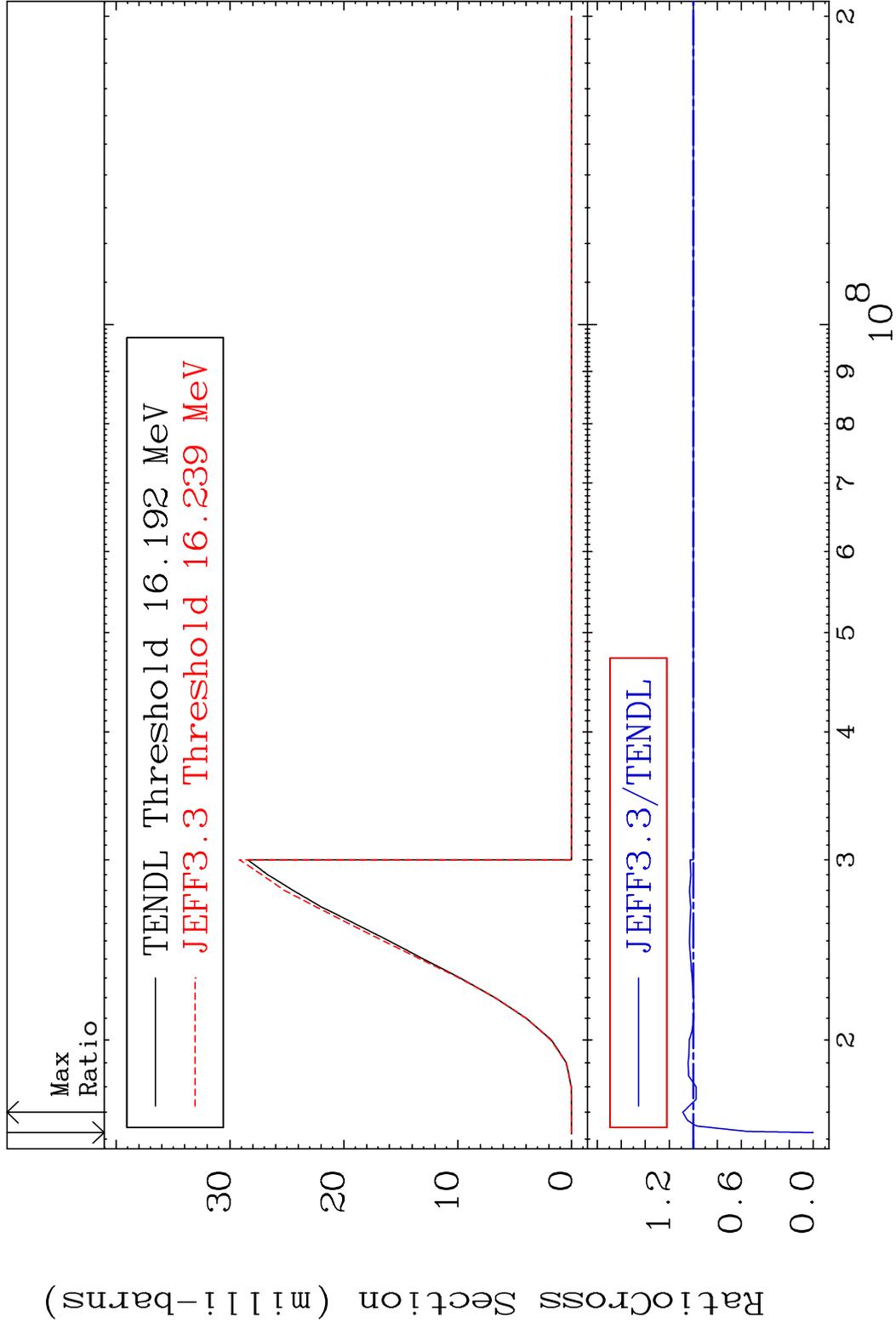


10

Incident Energy (MeV)

15-P -31

MAT 1525 (n, n') d 15-P -31  
 Cross Section -100.0 To 8.703 %

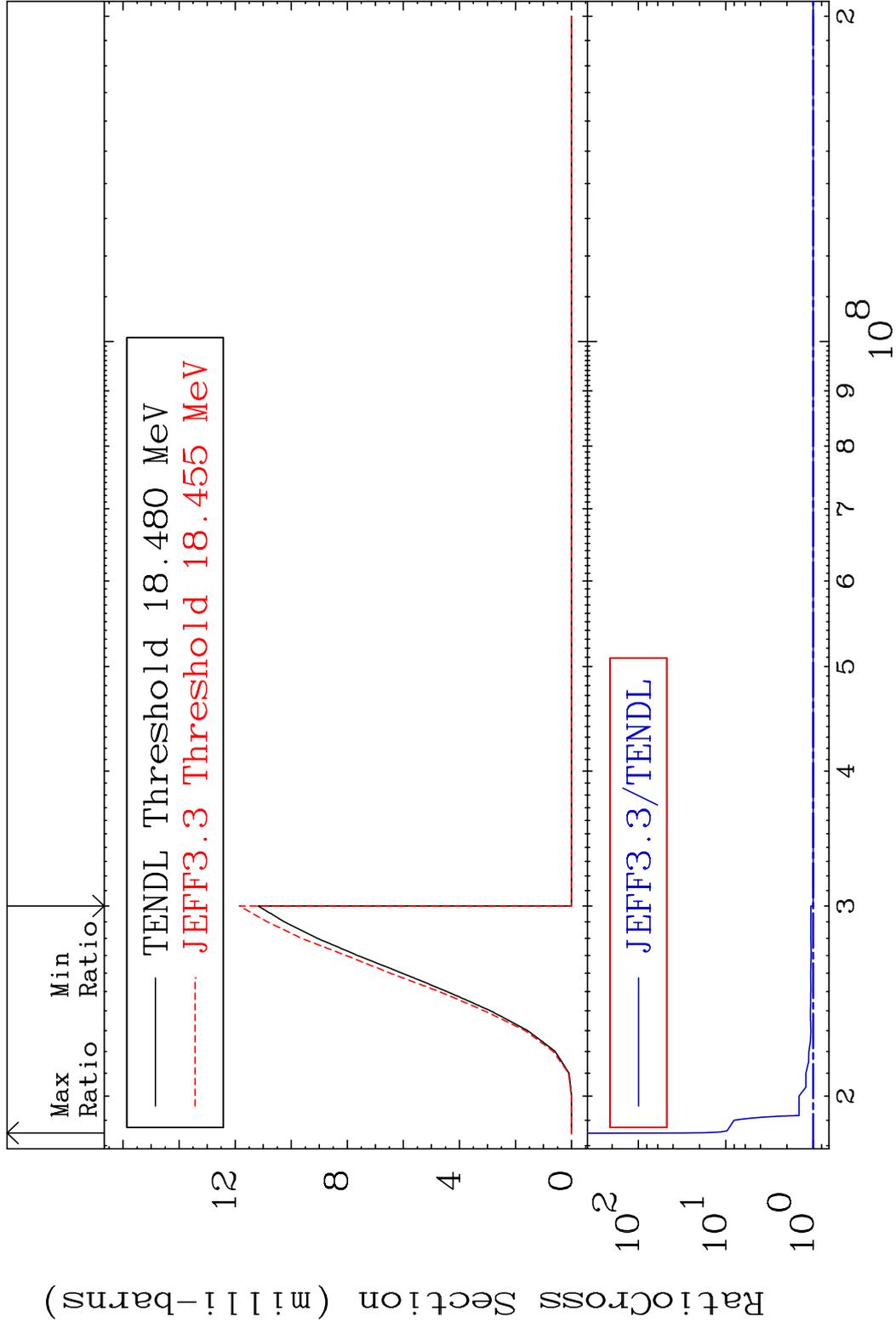


MAT 1525

(n, n') t

15-P -31

Cross Section 0.000 To 3000. %



12

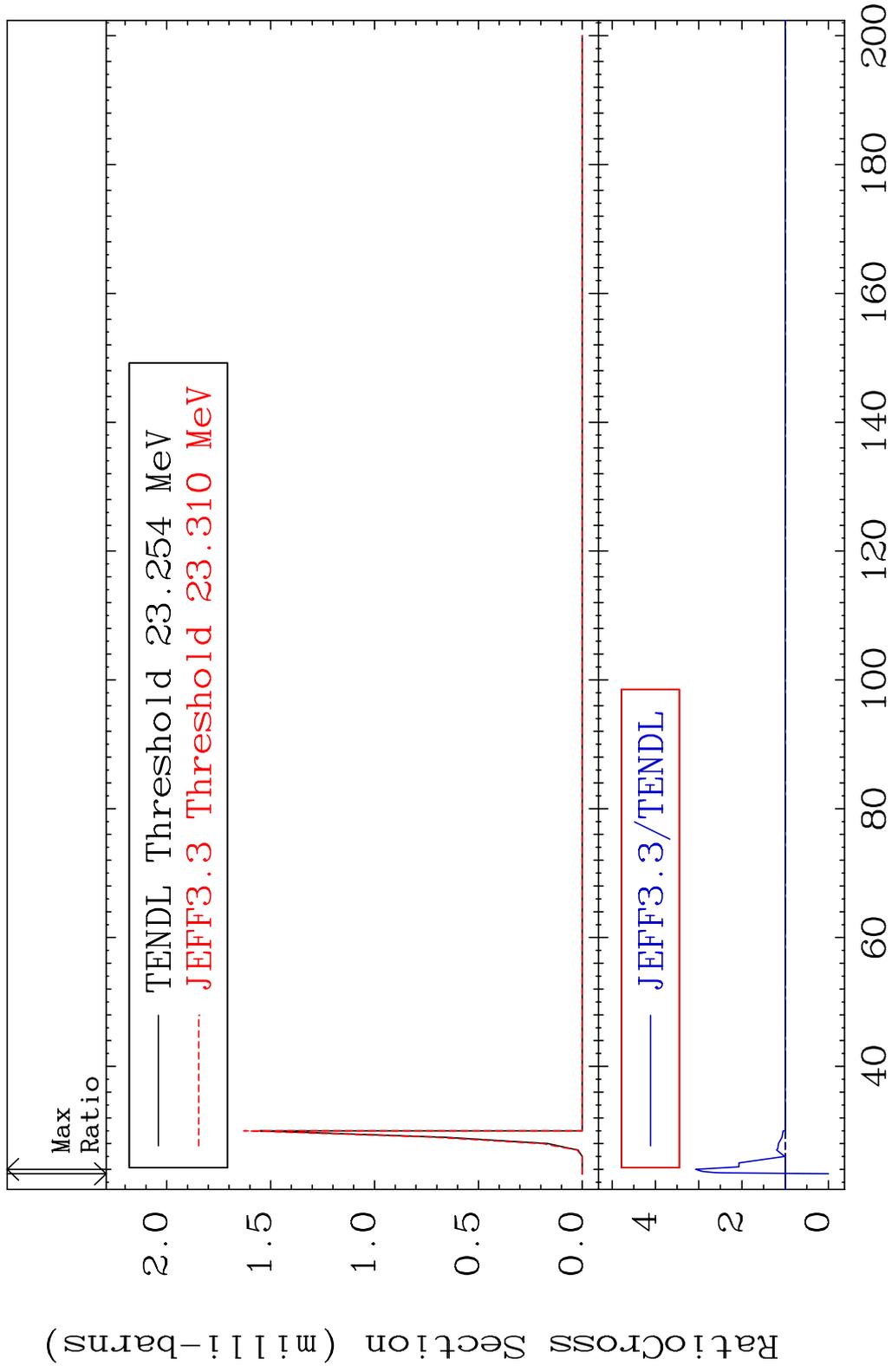
15-P -31

MAT 1525

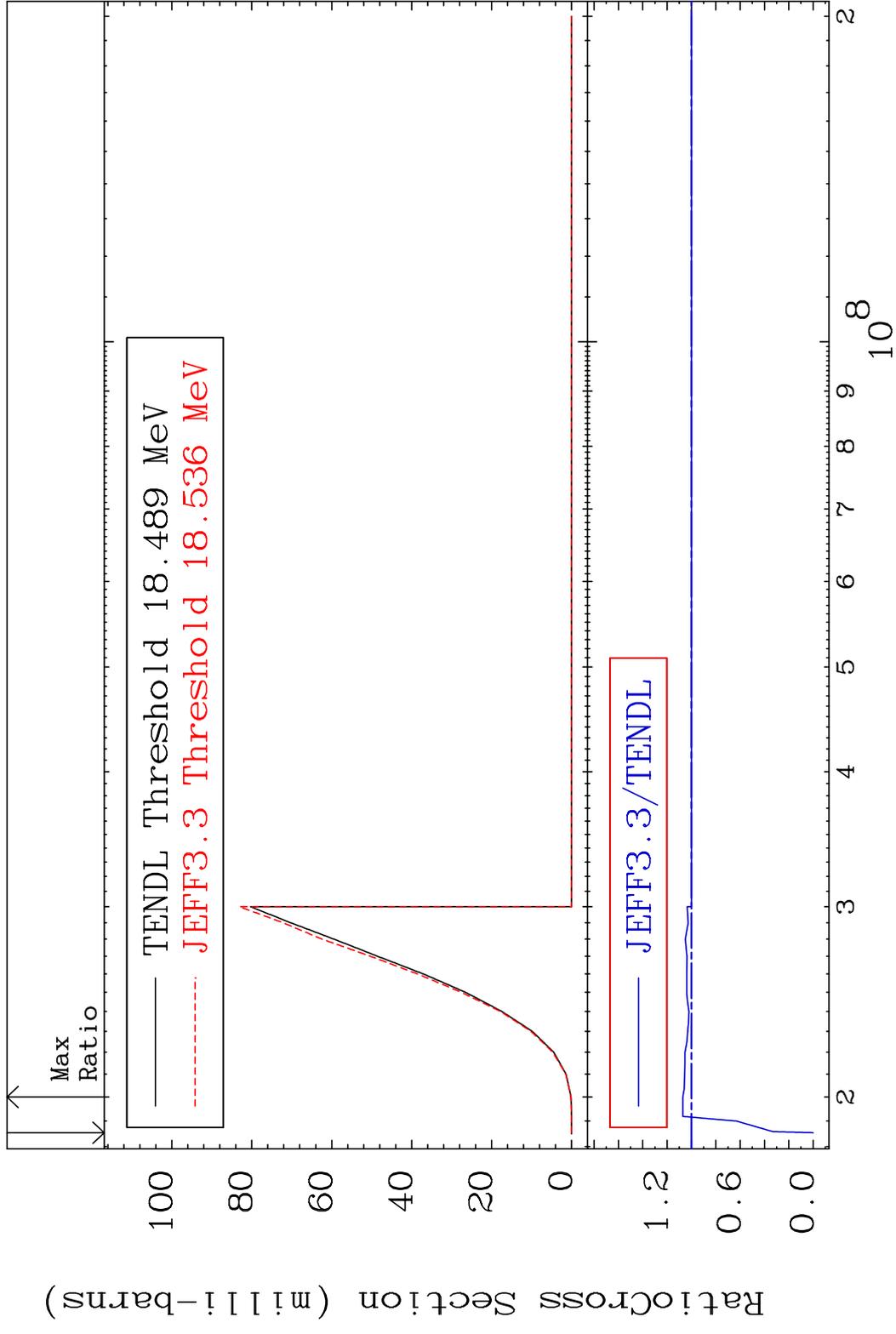
(n,n') He-3

15-P -31

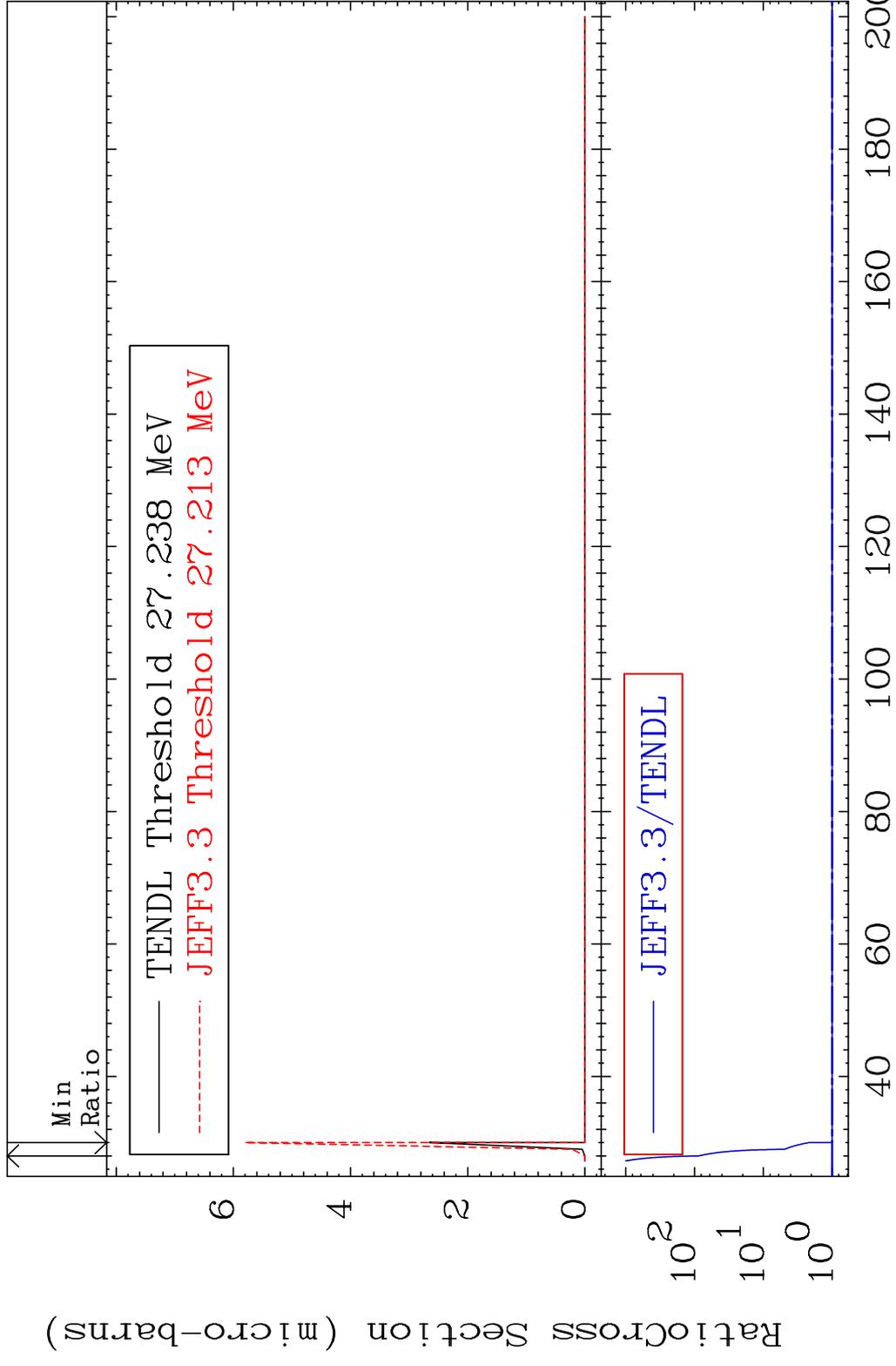
Cross Section -100.0 To 207.1 %



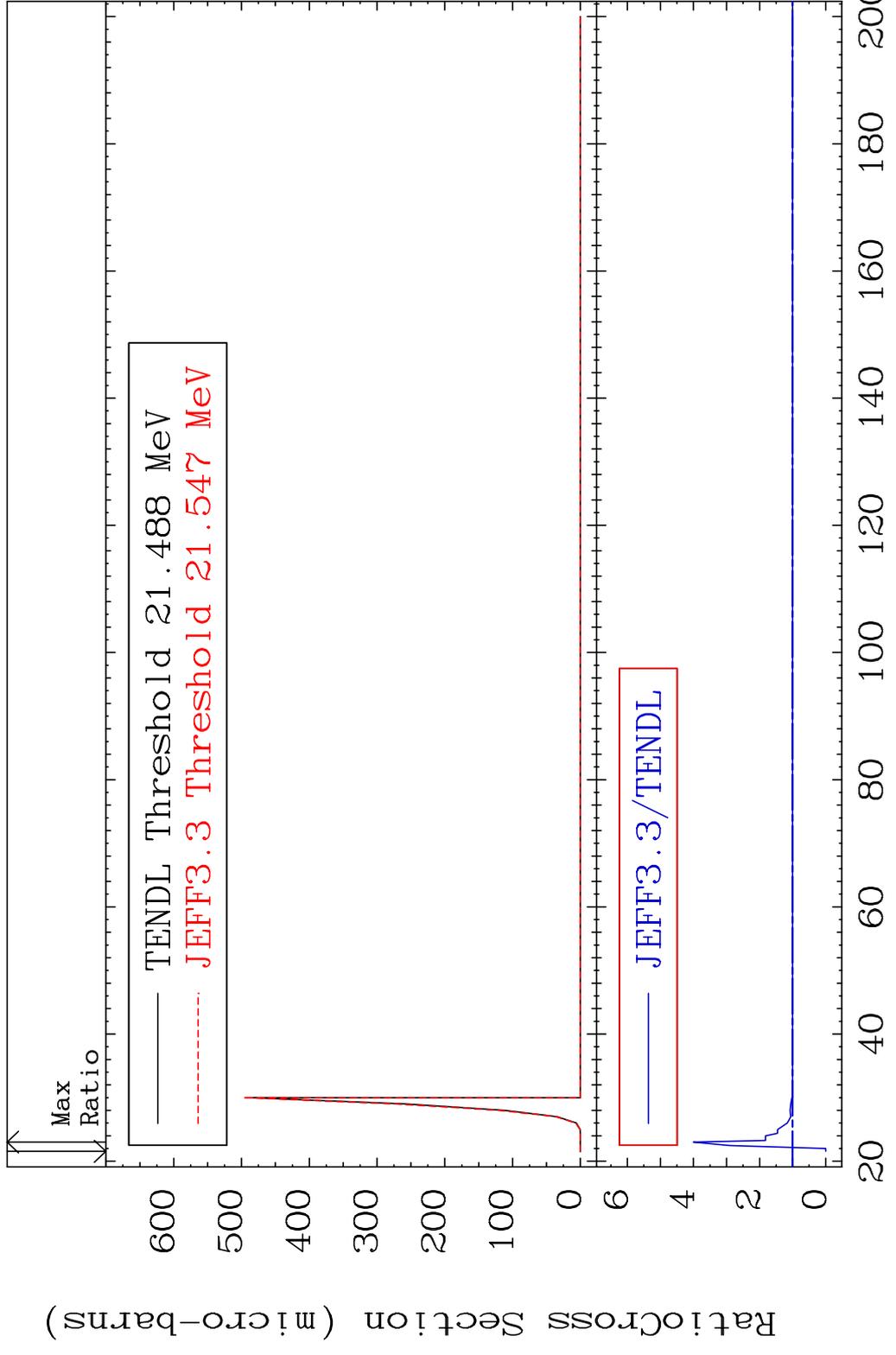
MAT 1525 (n,2n) p 15-P -31  
 Cross Section -100.0 To 7.081 %



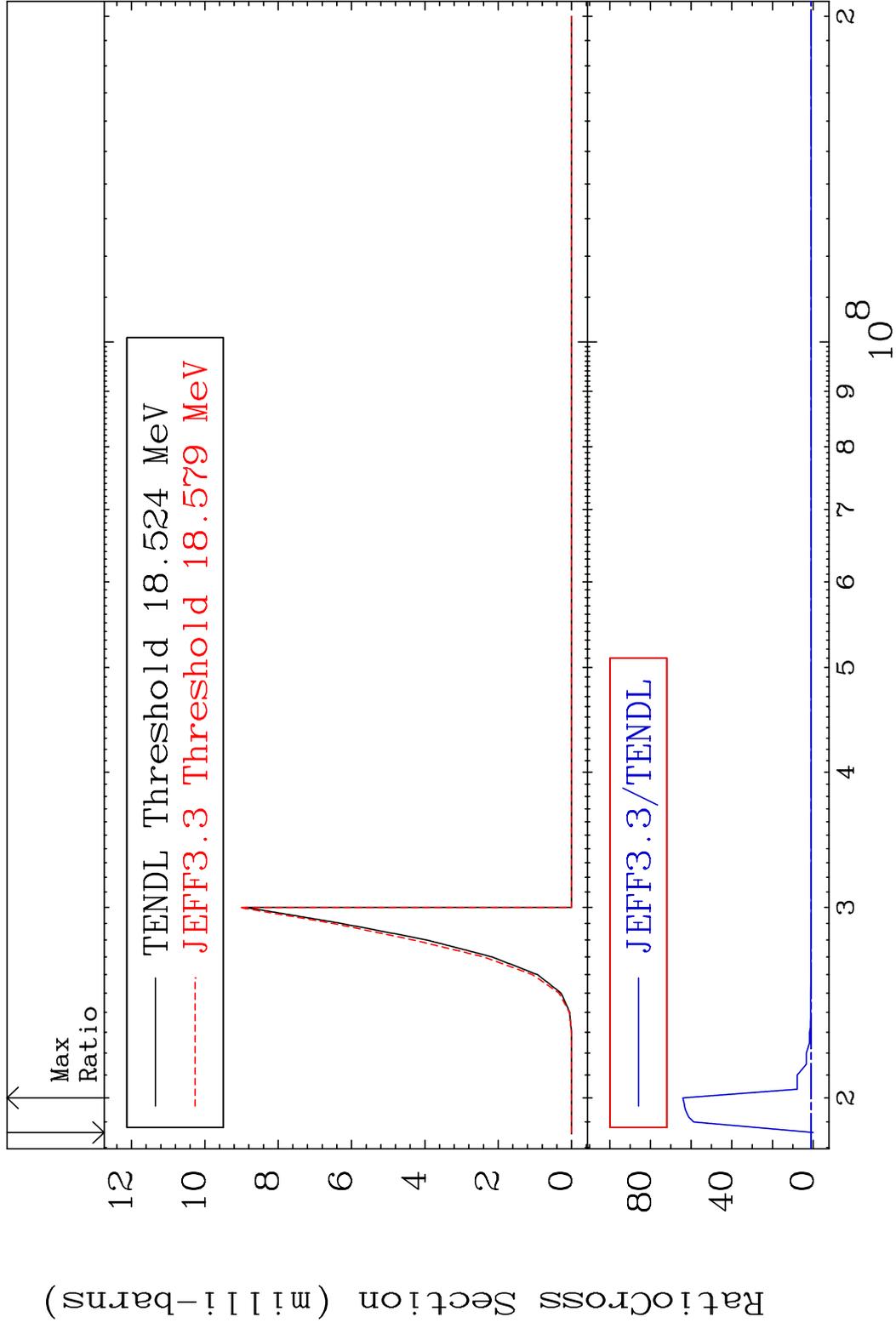
MAT 1525 (n,3n) p 15-P -31  
 Cross Section 0.000 To 8574. %



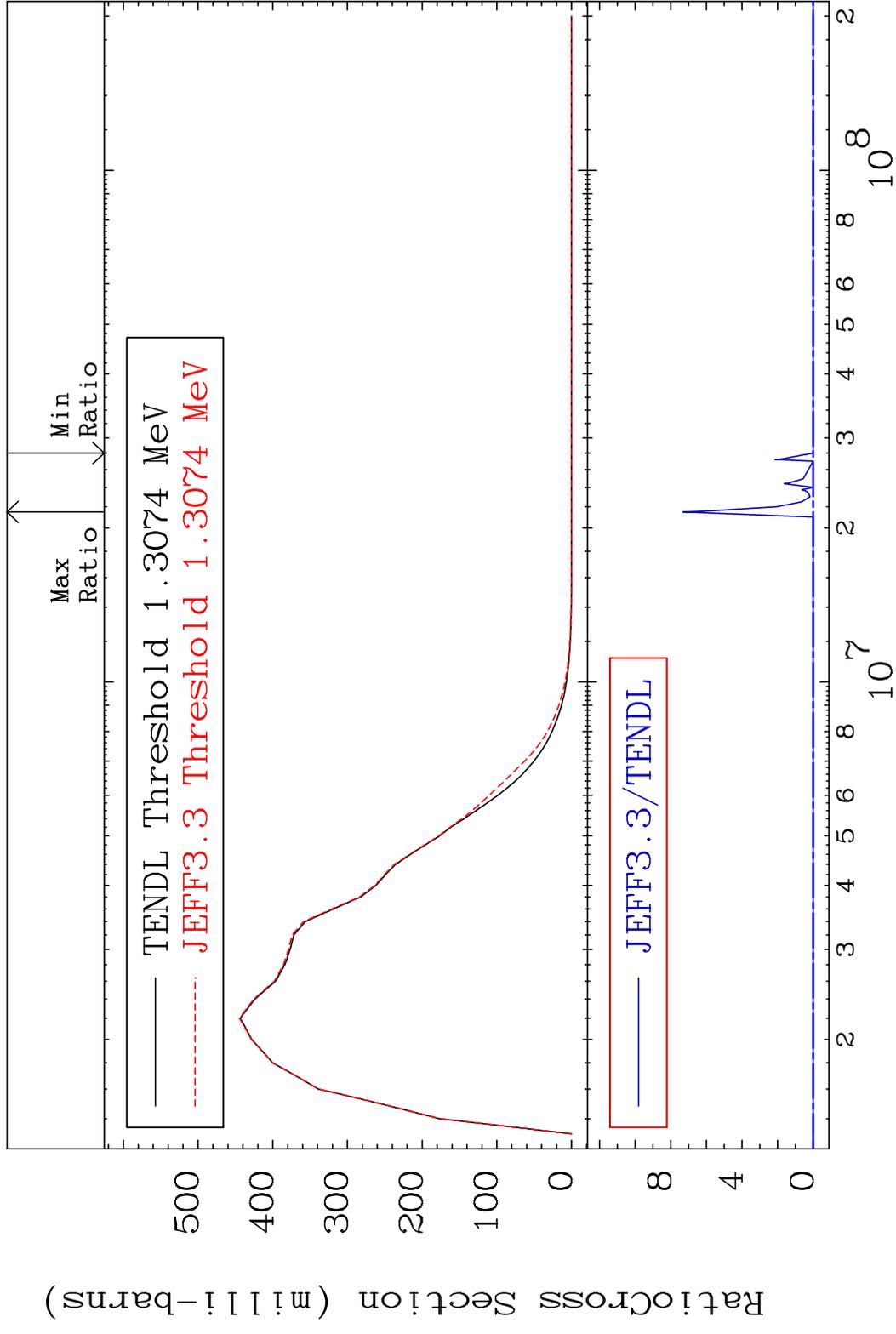
MAT 1525 (n,2n) p 15-P -31  
 Cross Section -100.0 To 300.3 %



MAT 1525 (n,n') p α 15-P -31  
 Cross Section -100.0 To 6310. %

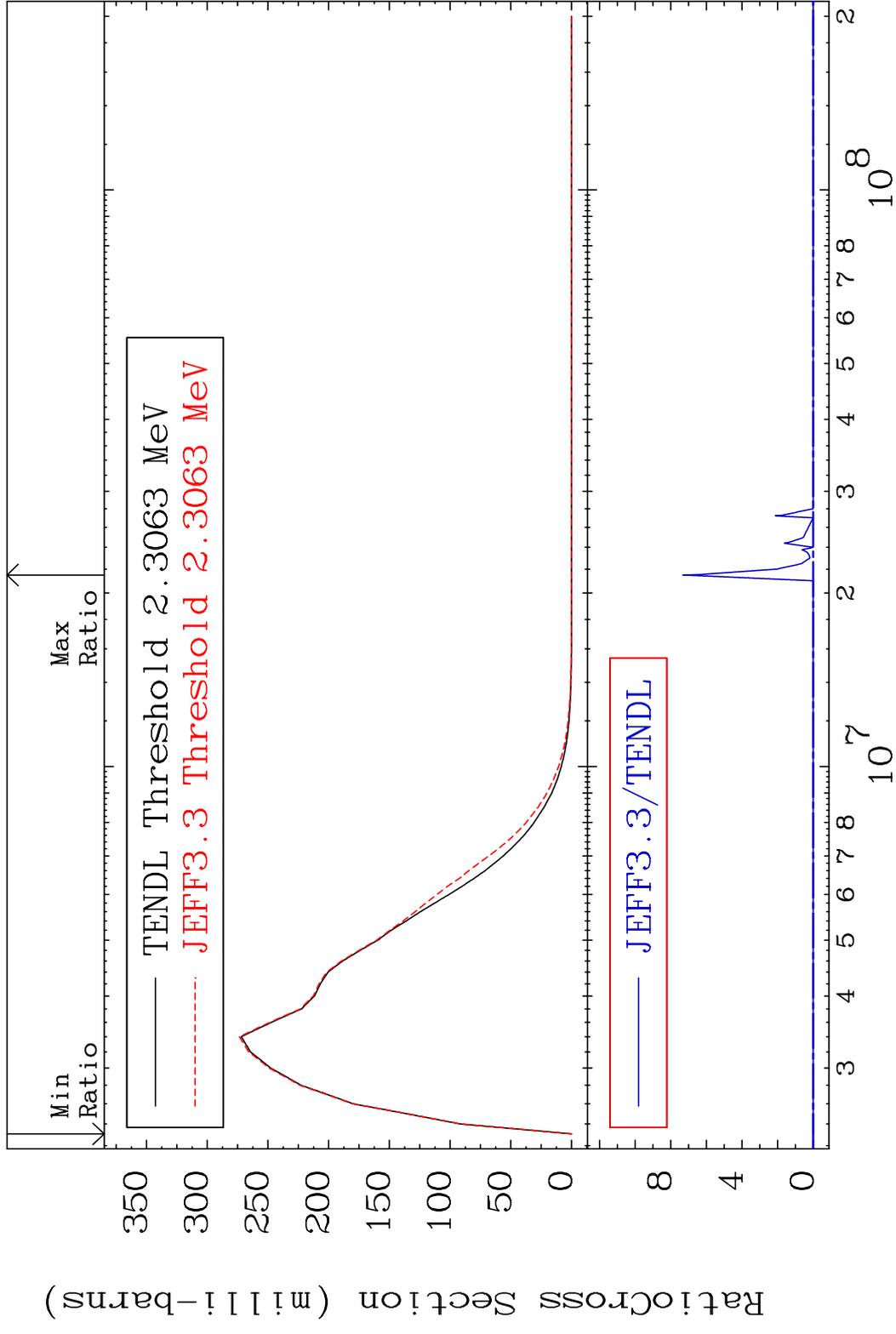


MAT 1525 MT= 51 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %

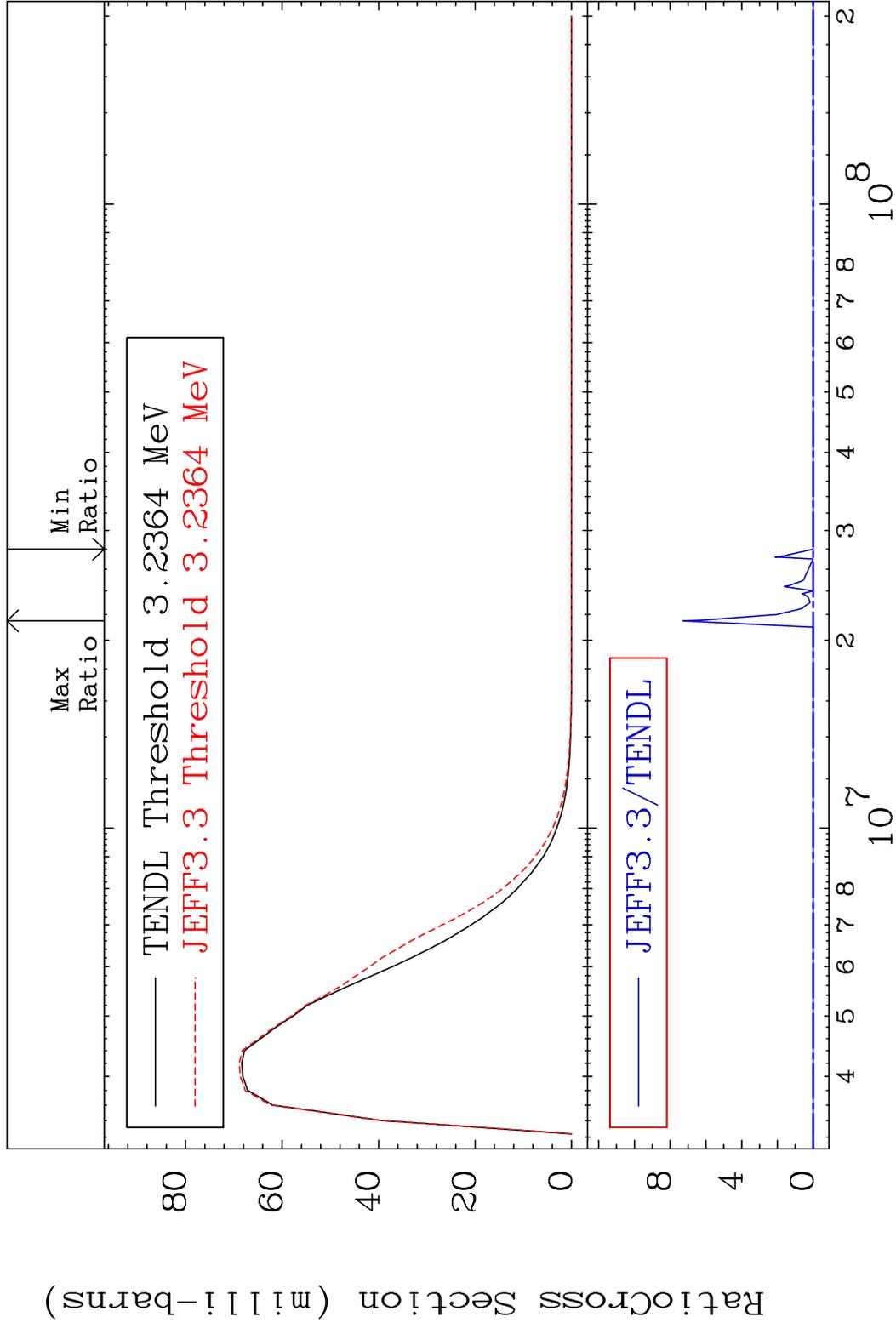


18 Incident Energy (eV) 15-P -31

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

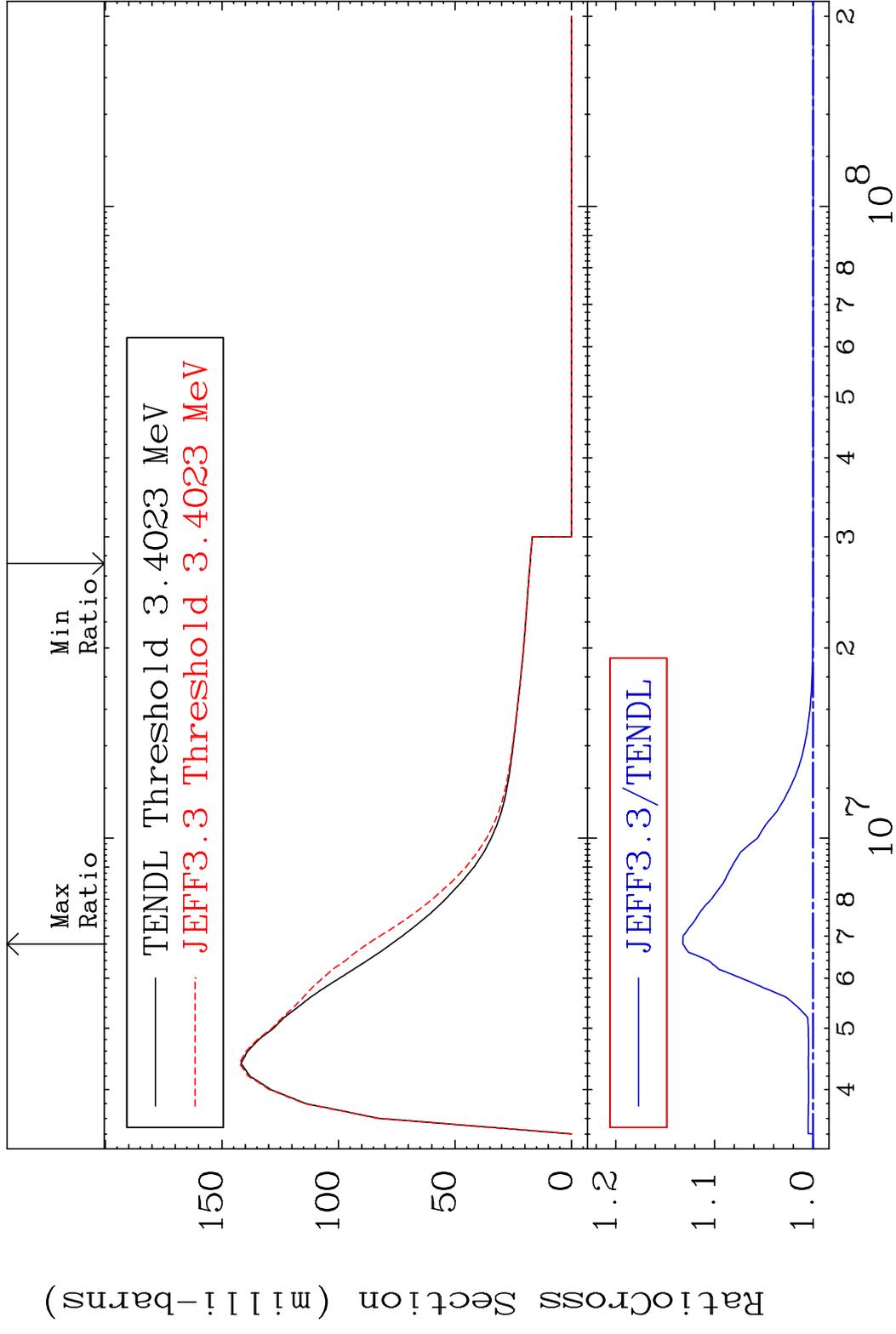


MAT 1525 MT= 53 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %

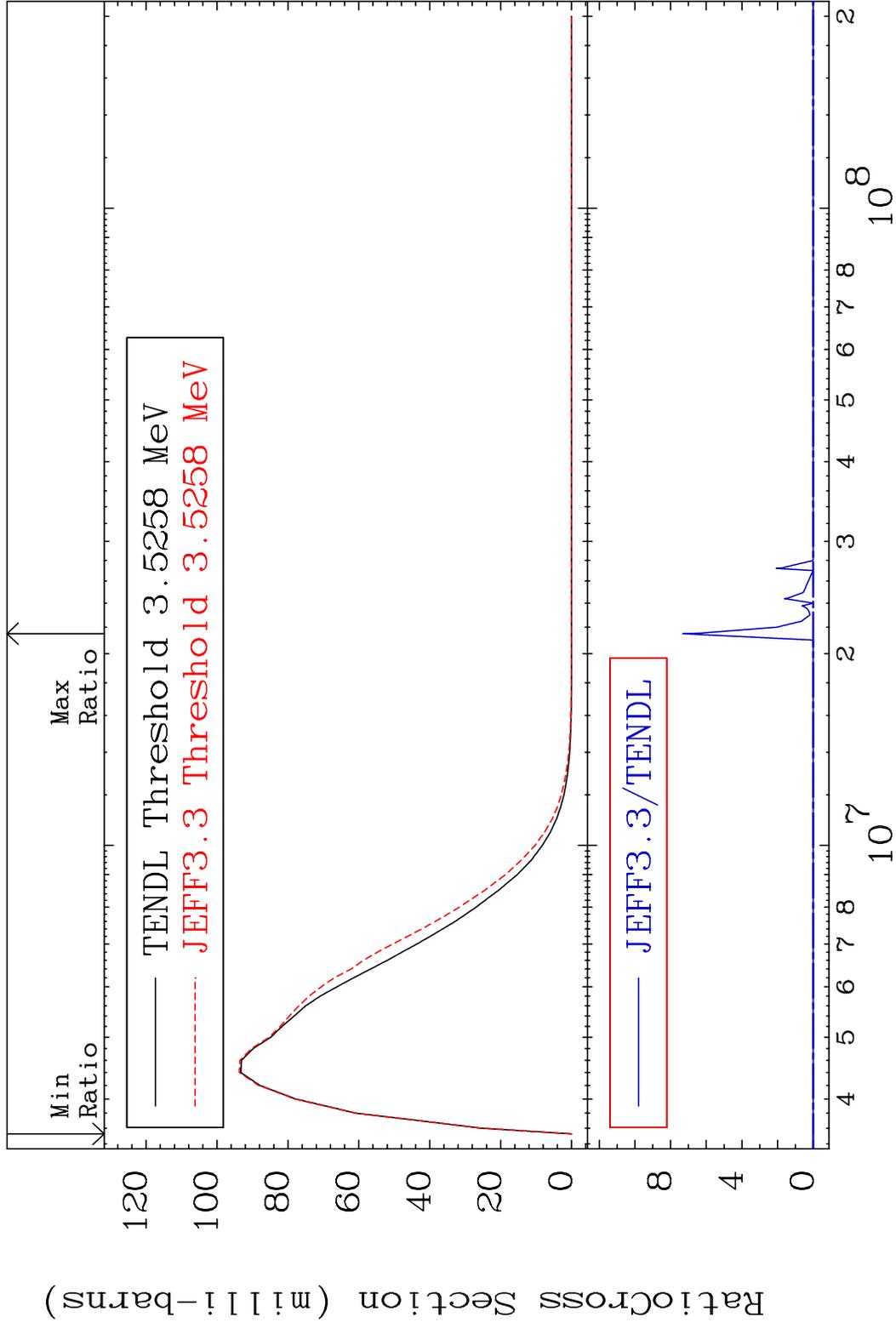


20 Incident Energy (eV) 15-P -31

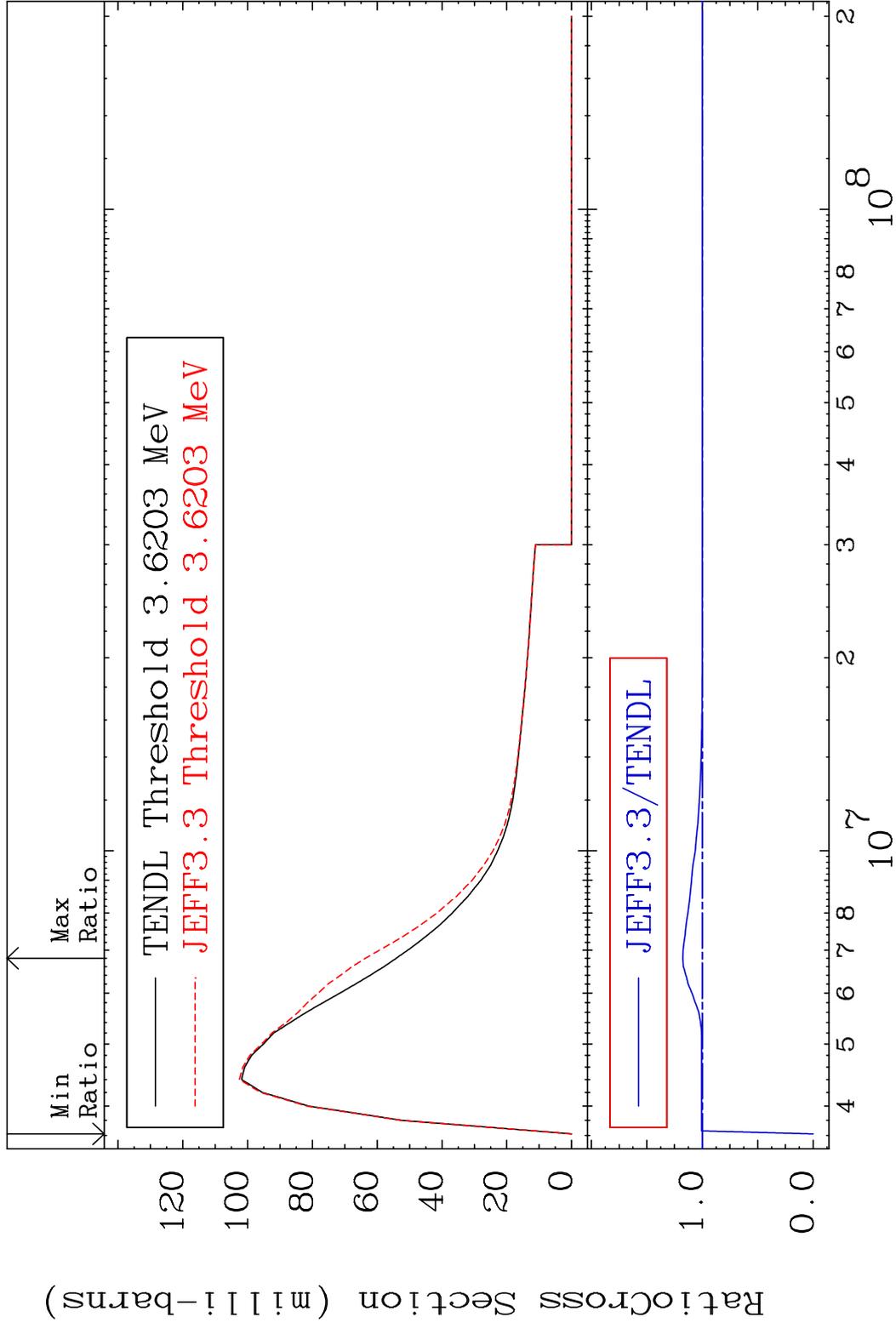
MAT 1525 MT= 54 (n,n') Level 15-P -31  
 Cross Section 0.000 To 13.21 %



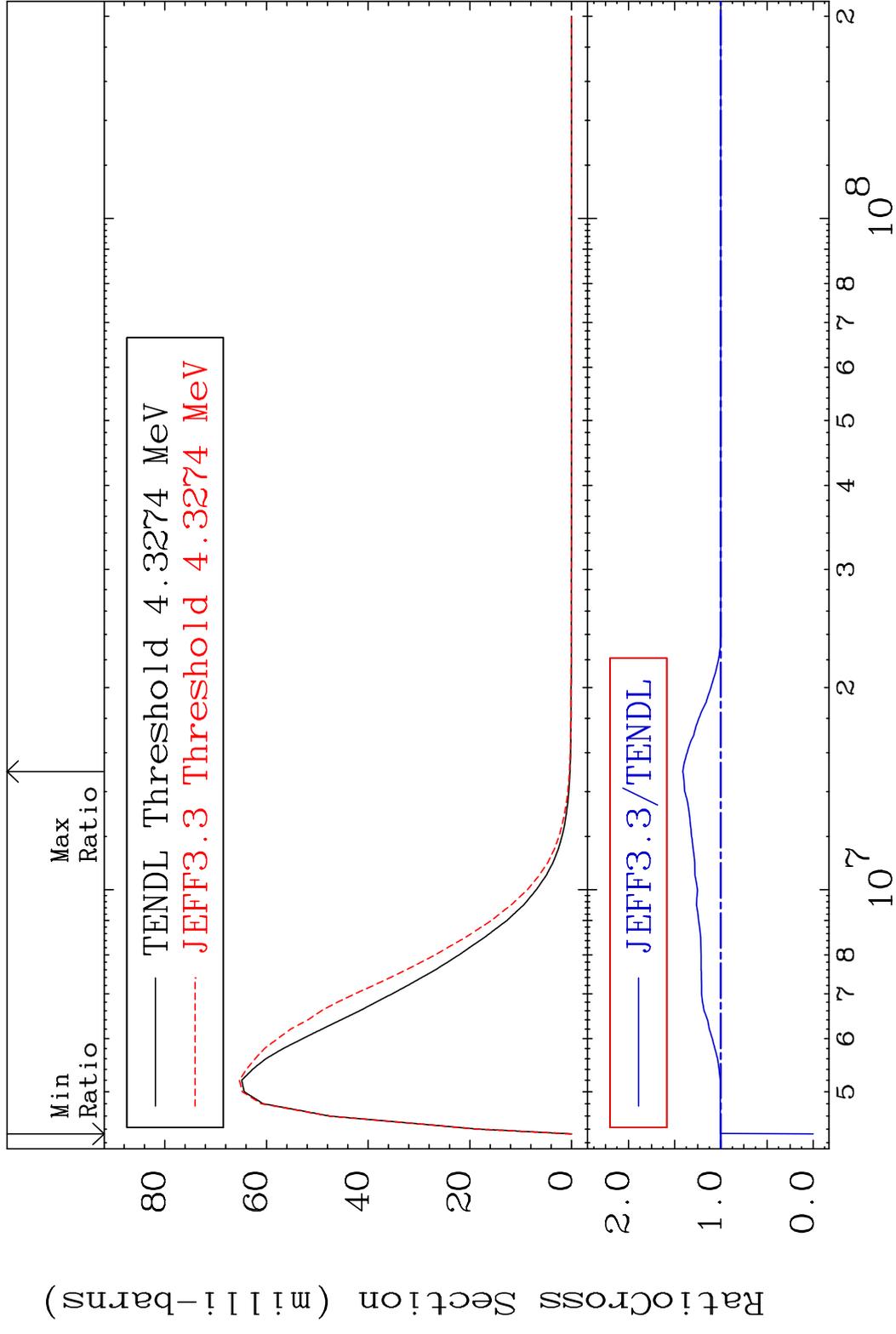
MAT 1525 MT= 55 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %



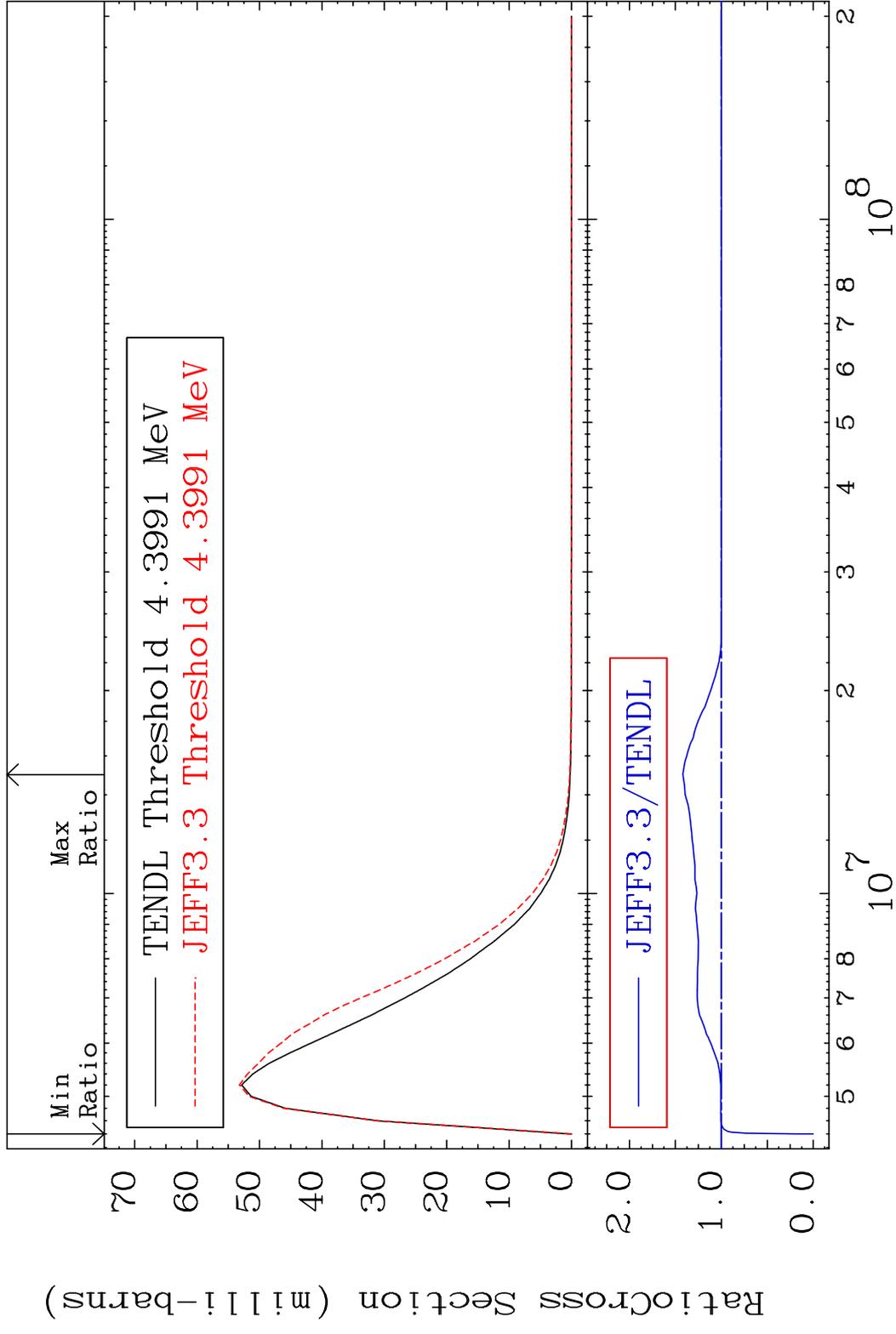
MAT 1525 MT= 56 (n,n') Level 15-P -31  
 Cross Section -100.0 To 17.51 %



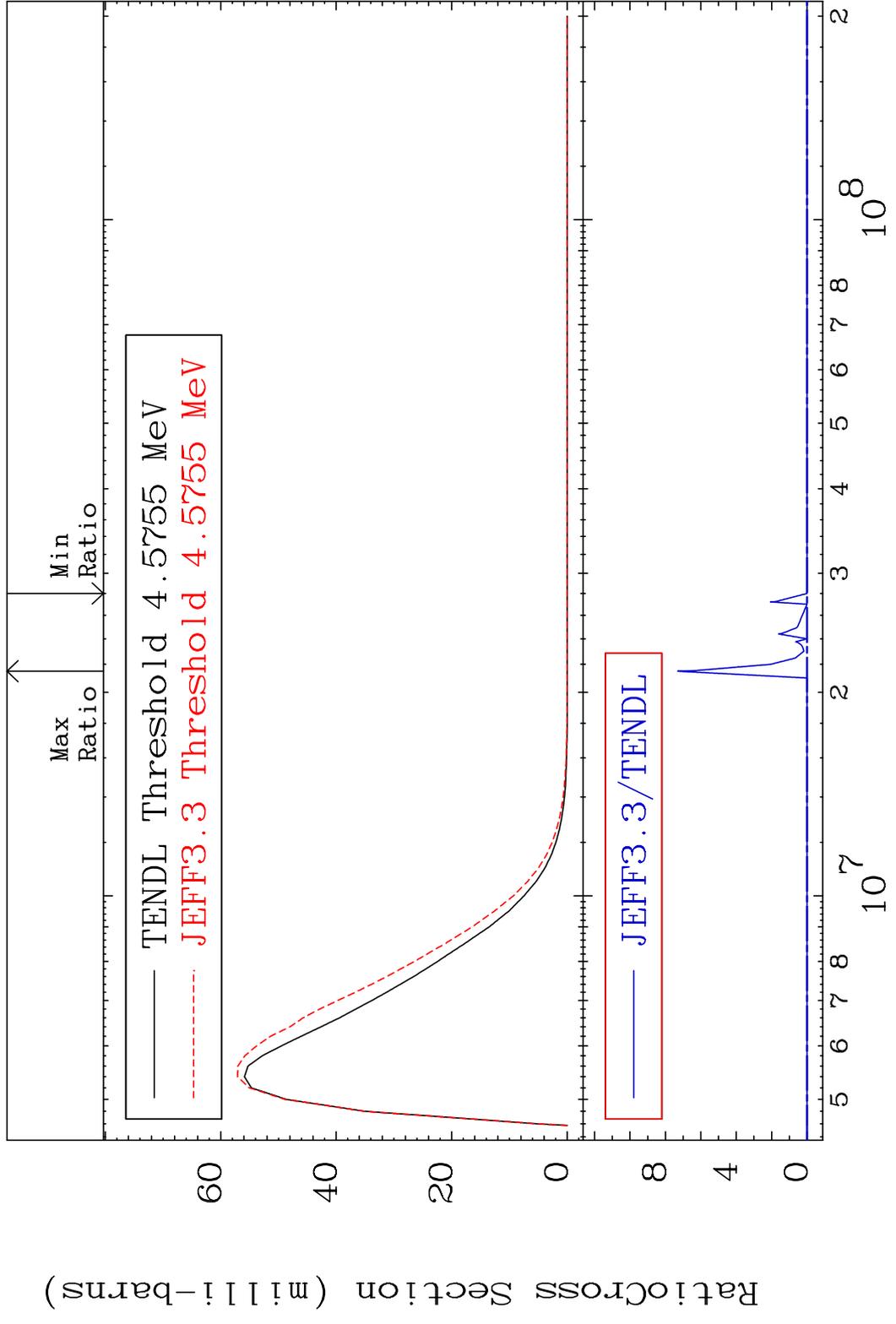
MAT 1525 MT= 57 (n,n') Level 15-P -31  
 Cross Section -100.0 To 41.15 %



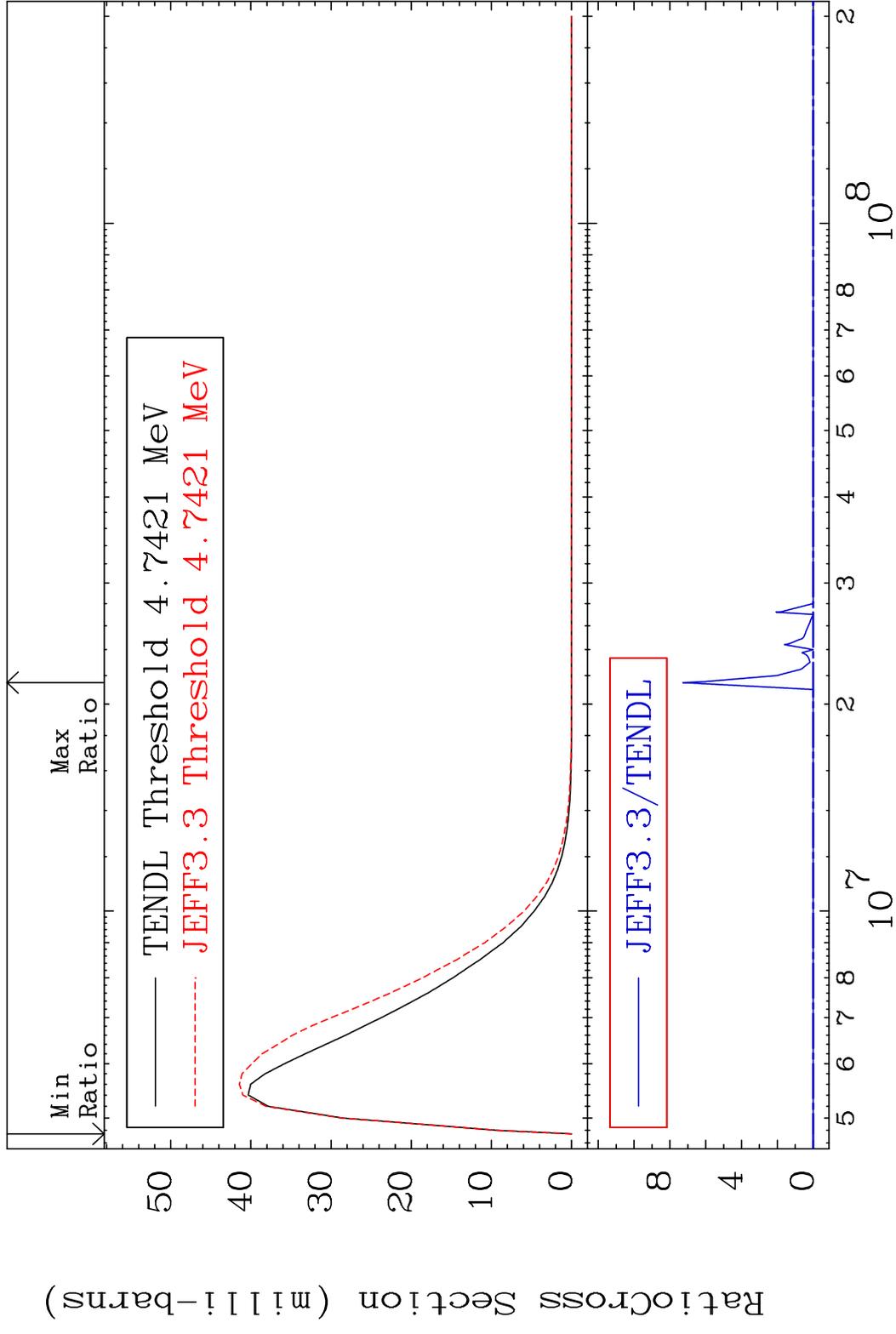
MAT 1525 MT= 58 (n,n') Level 15-P -31  
 Cross Section -100.0 To 41.94 %



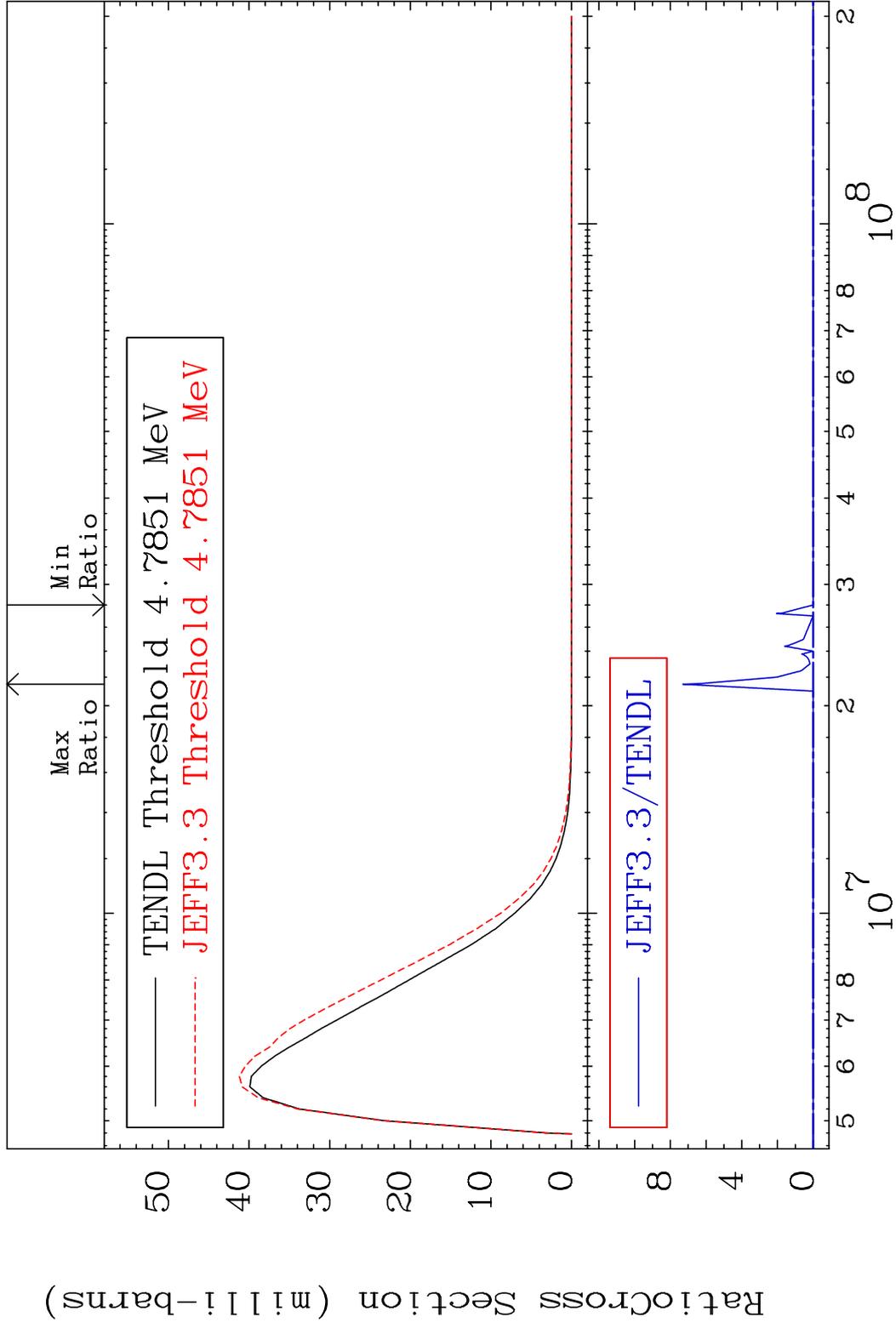
MAT 1525 MT= 59 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %



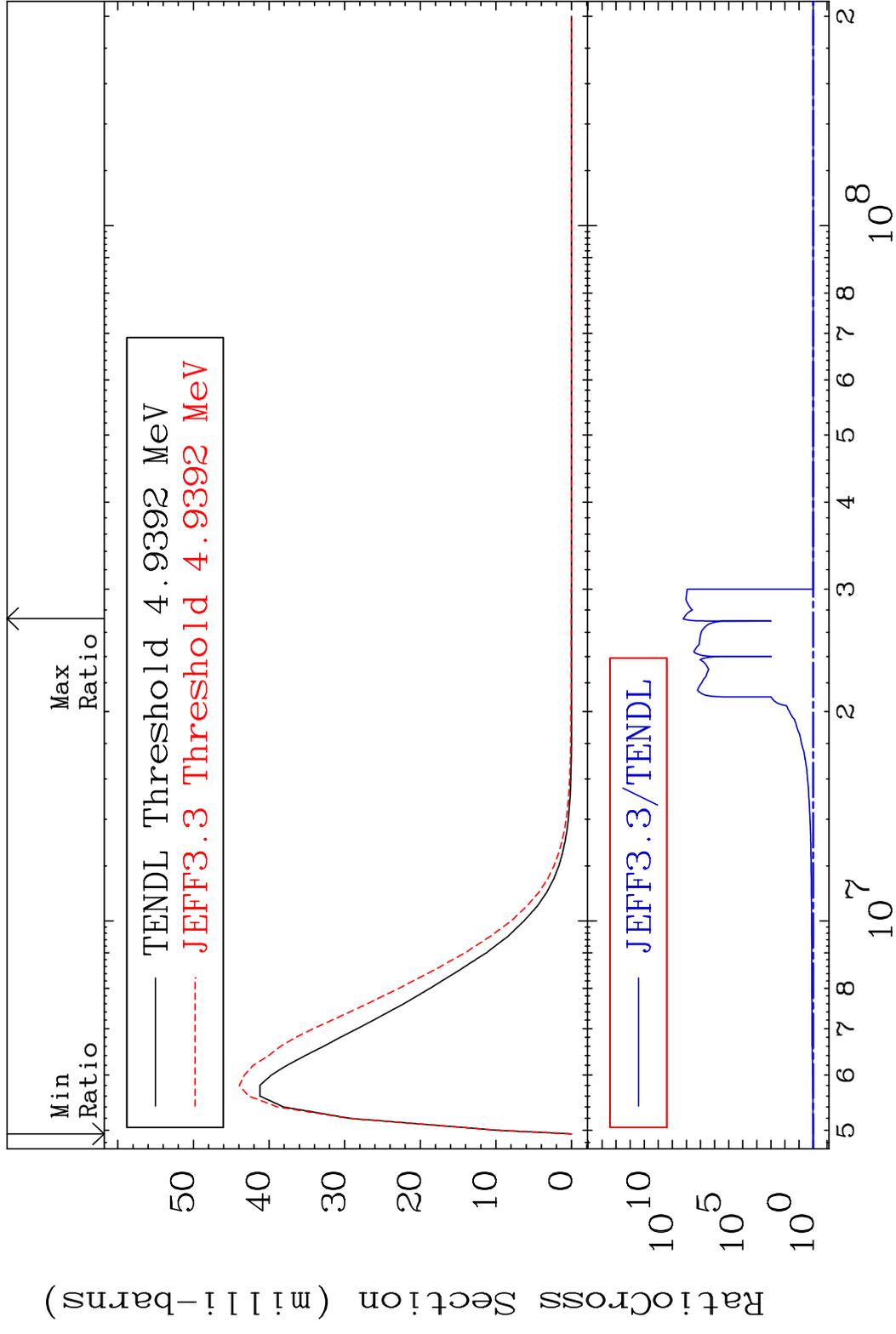
MAT 1525 MT= 60 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %



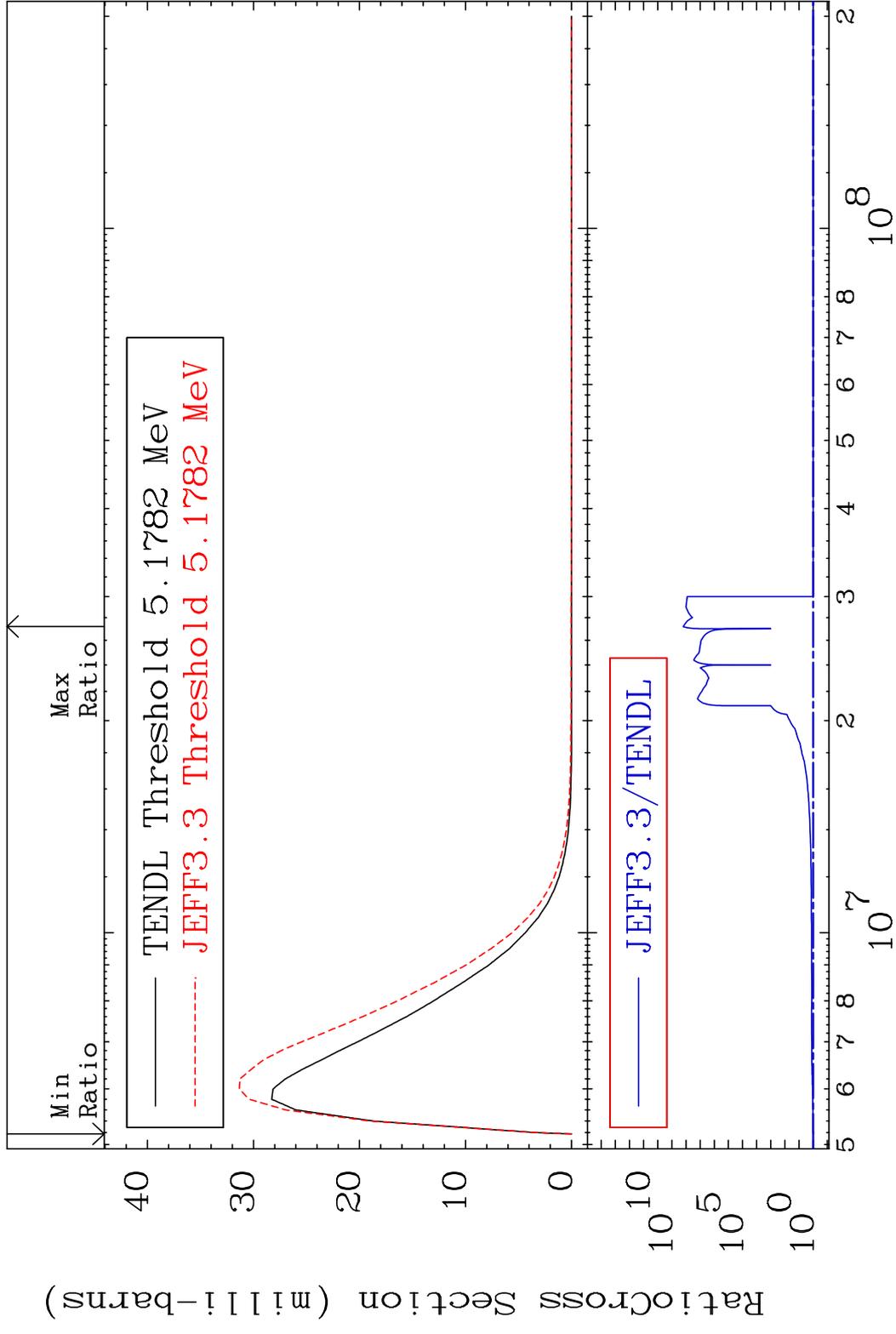
MAT 1525 MT= 61 (n, n') Level 15-P -31  
 Cross Section -100.0 To 9999. %



MAT 1525 MT= 62 (n, n') Level 15-P -31  
 Cross Section 0.000 To 9999. %

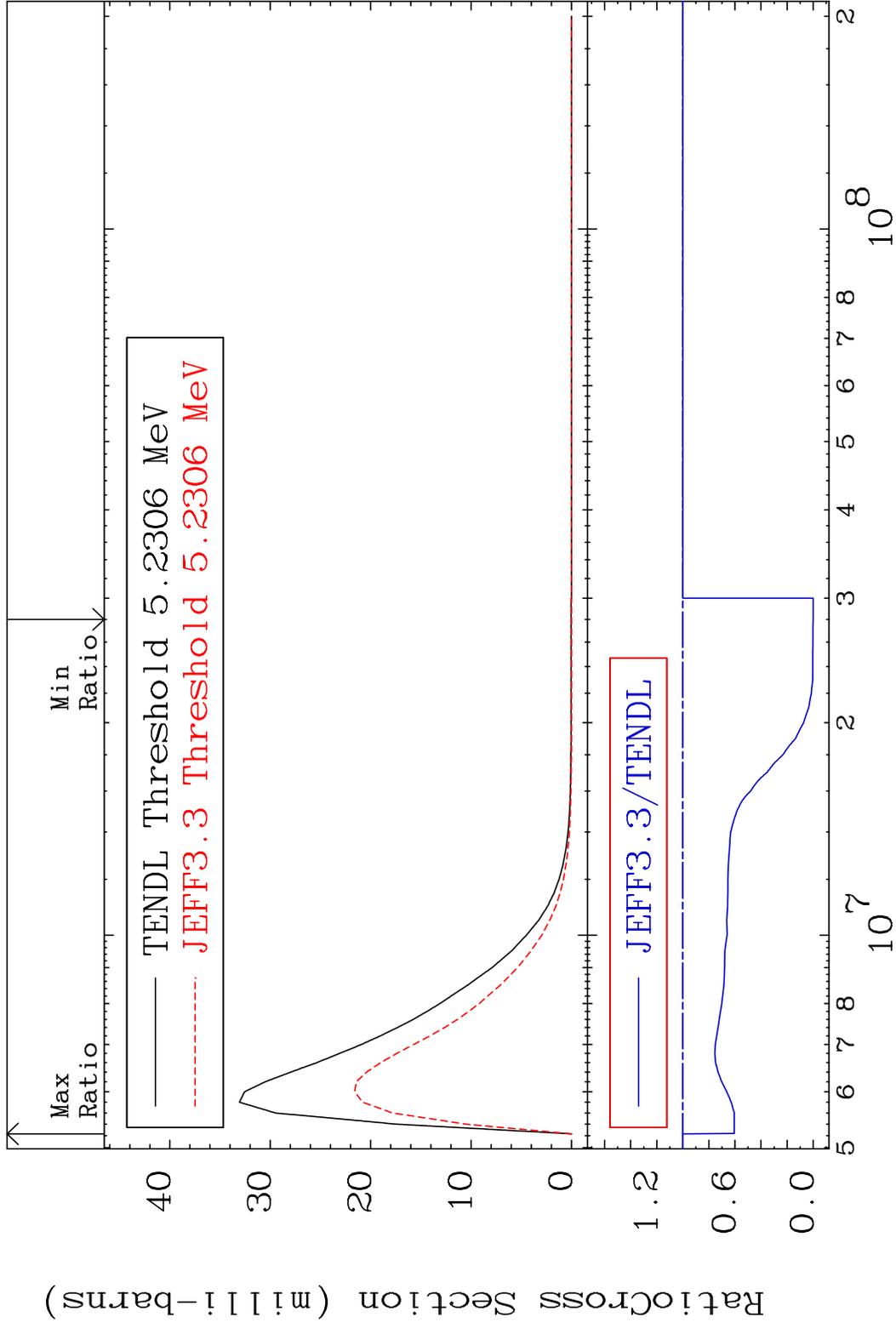


MAT 1525 MT= 63 (n, n') Level 15-P -31  
 Cross Section 0.000 To 9999. %

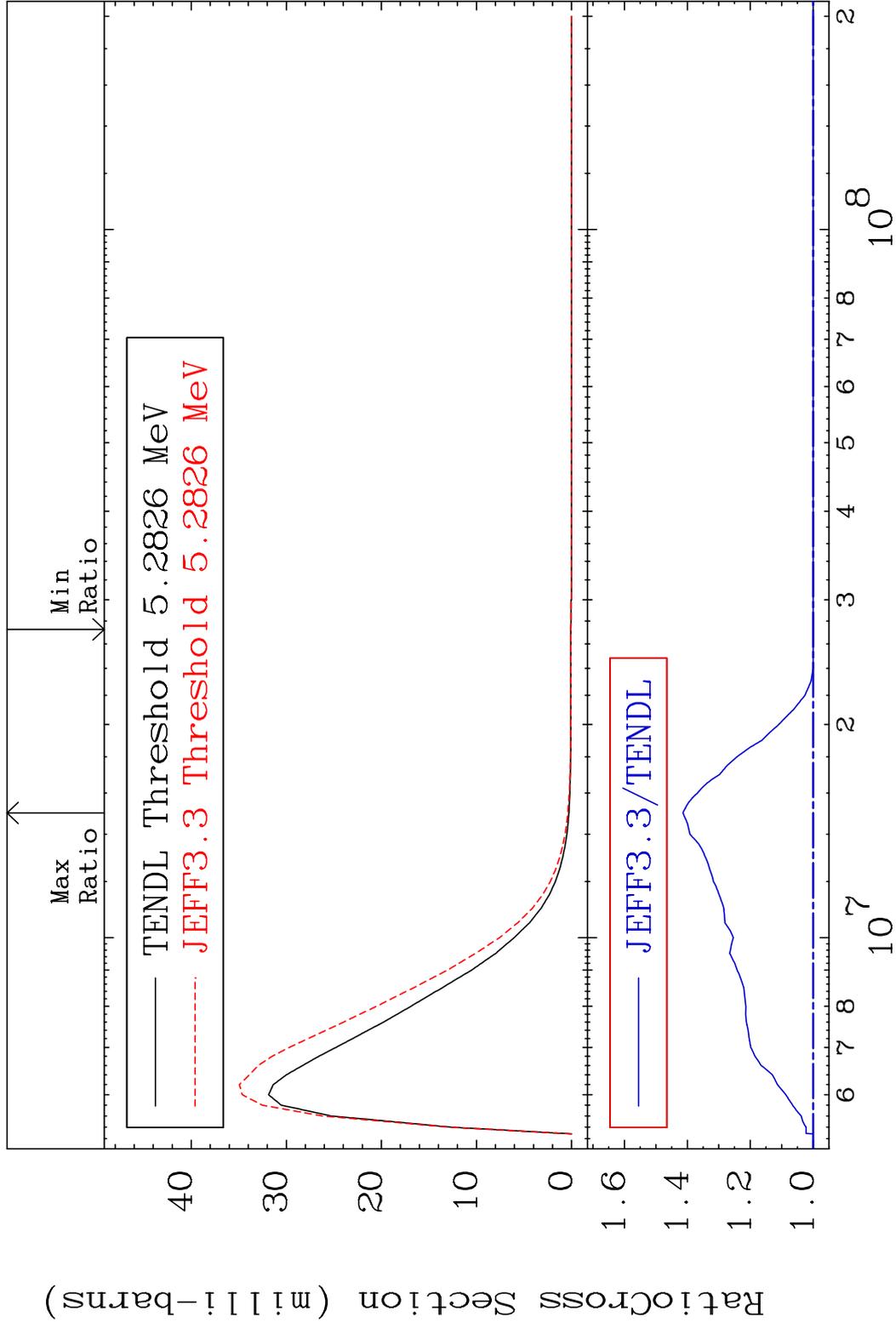


30 Incident Energy (eV) 15-P -31

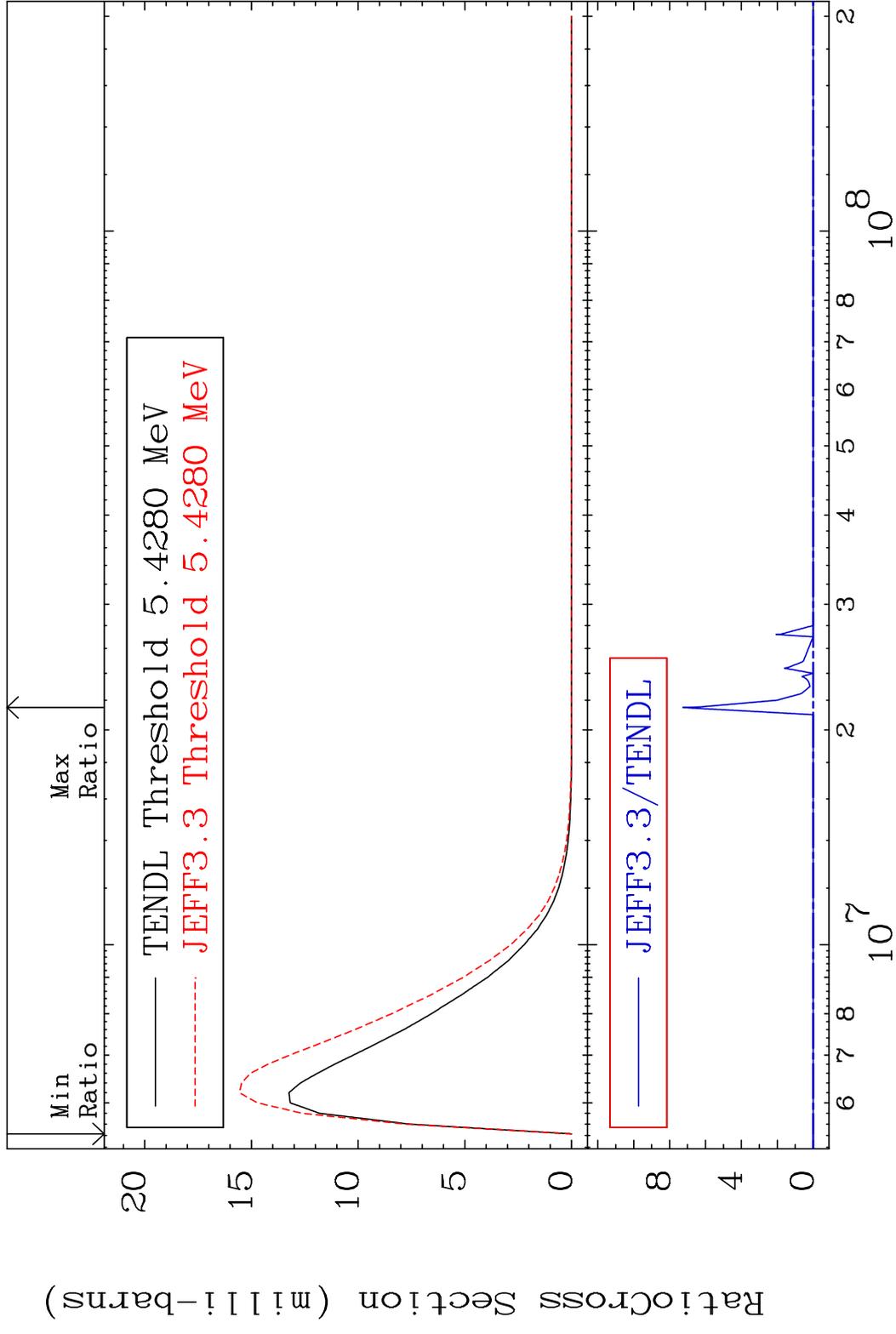
MAT 1525 MT= 64 (n, n') Level 15-P -31  
 Cross Section -100.0 To 0.000 %



MAT 1525 MT= 65 (n, n') Level 15-P -31  
 Cross Section 0.000 To 41.44 %

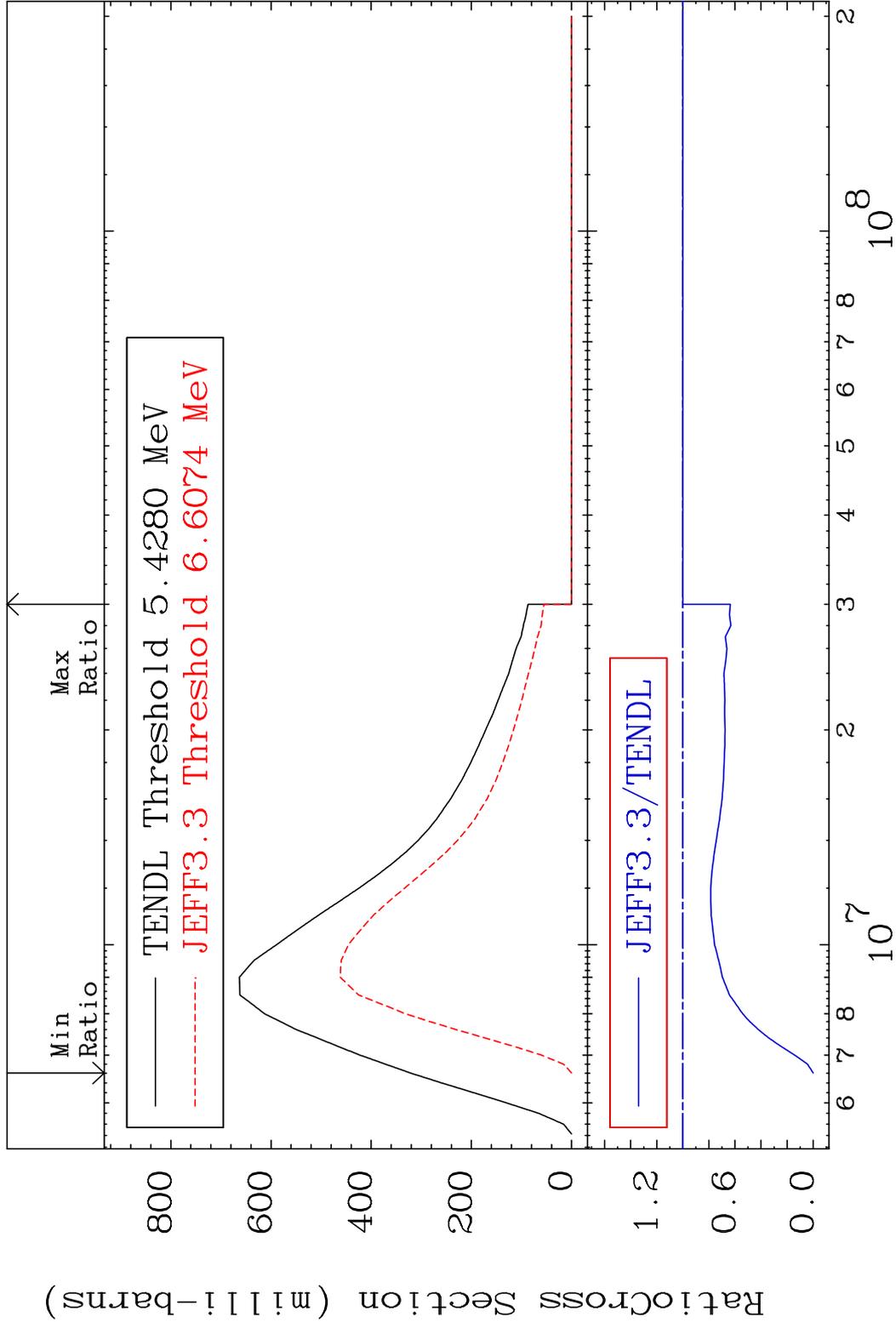


MAT 1525 MT= 66 (n,n') Level 15-P -31  
 Cross Section -100.0 To 9999. %



MAT 1525

(n, n') Continuum  
Cross Section -100.0 To 0.000 %

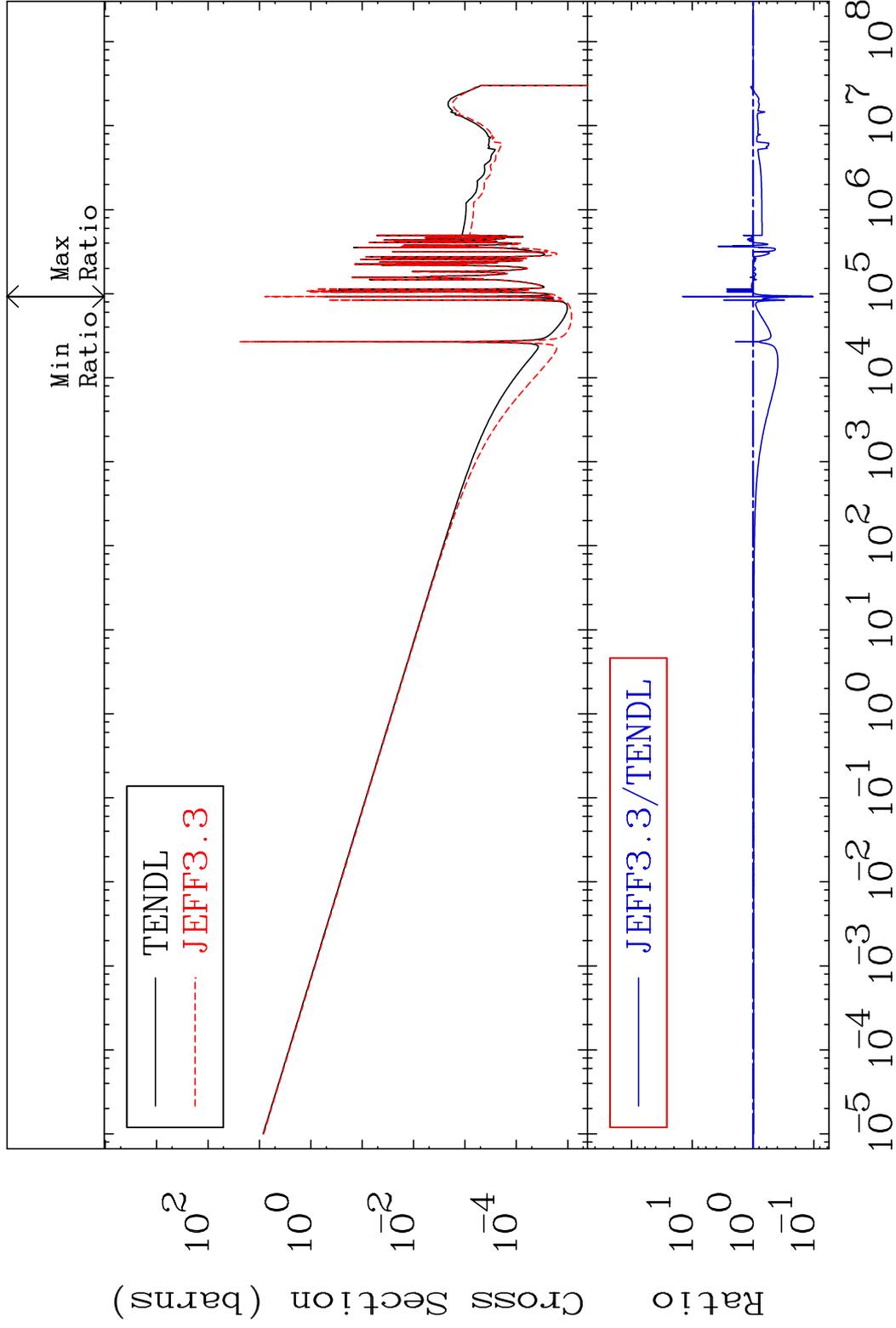


MAT 1525

(n,  $\gamma$ )

15-P -31

Cross Section -89.72 To 1333. %

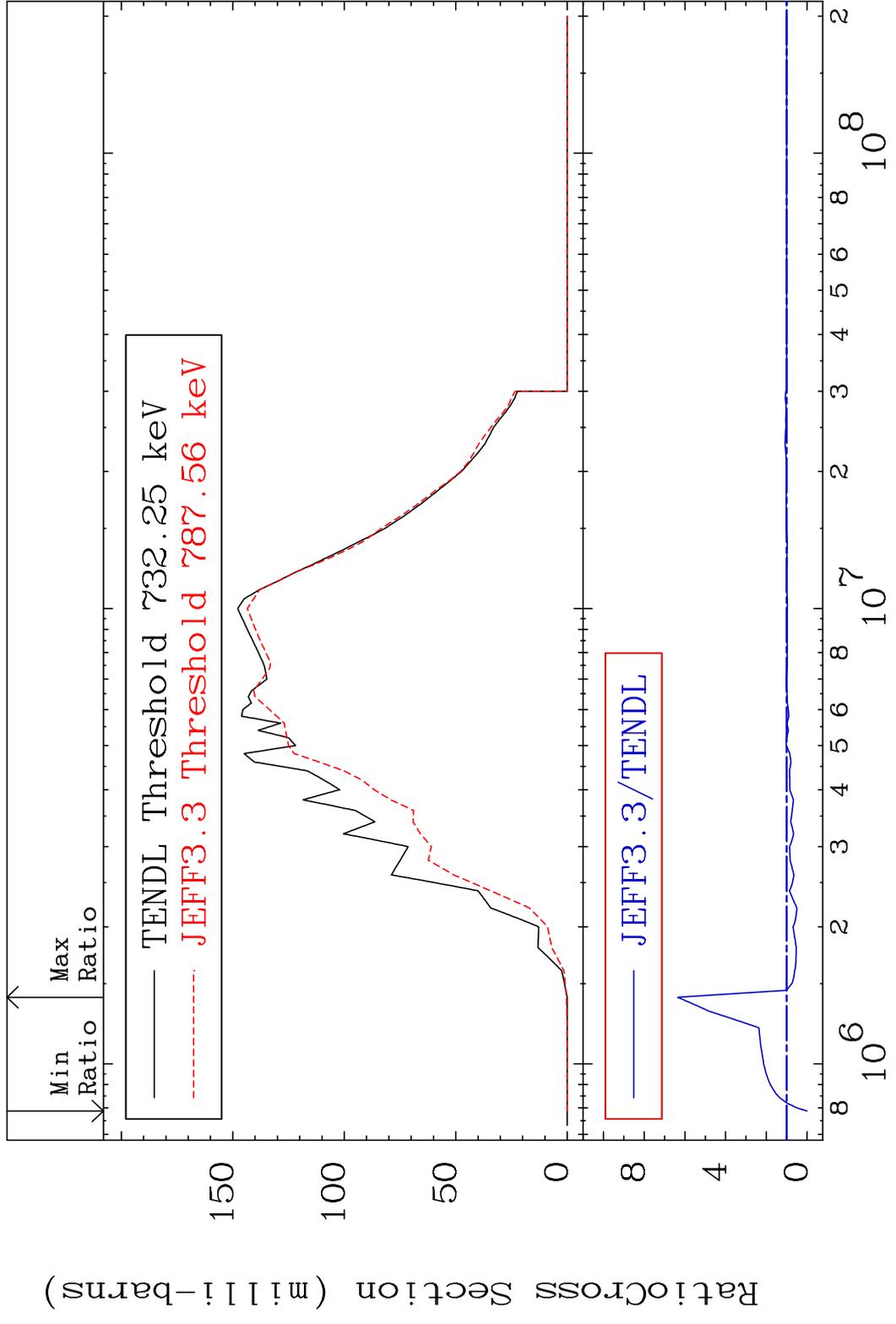


35

Incident Energy (eV)

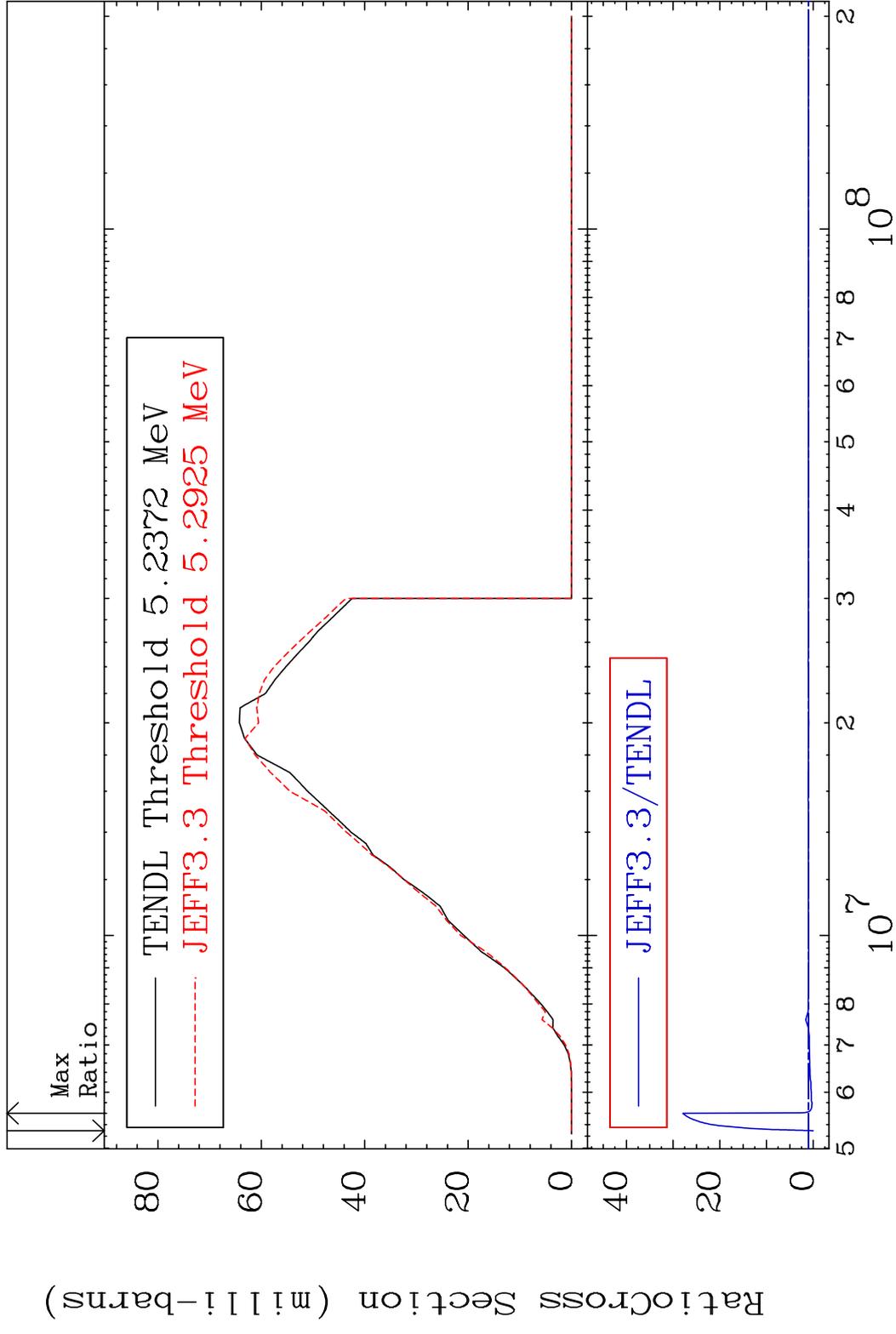
15-P -31

MAT 1525 (n,p) 15-P -31  
 Cross Section -100.0 To 535.4 %



36 Incident Energy (eV) 15-P -31

MAT 1525 (n,d) 15-P -31  
 Cross Section -100.0 To 2692. %

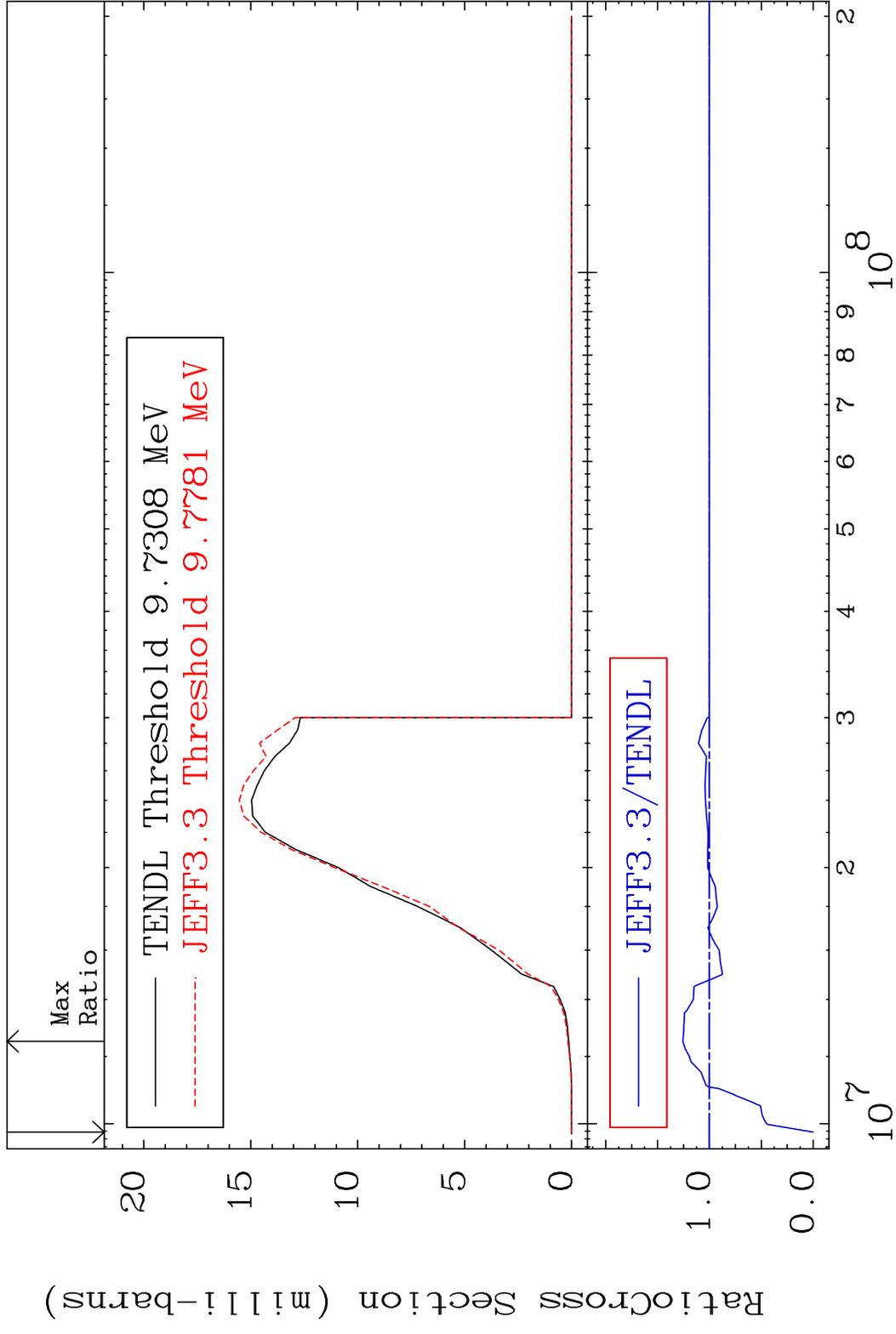


MAT 1525

(n, t)

15-P -31

Cross Section -100.0 To 25.65 %



38

Incident Energy (eV)

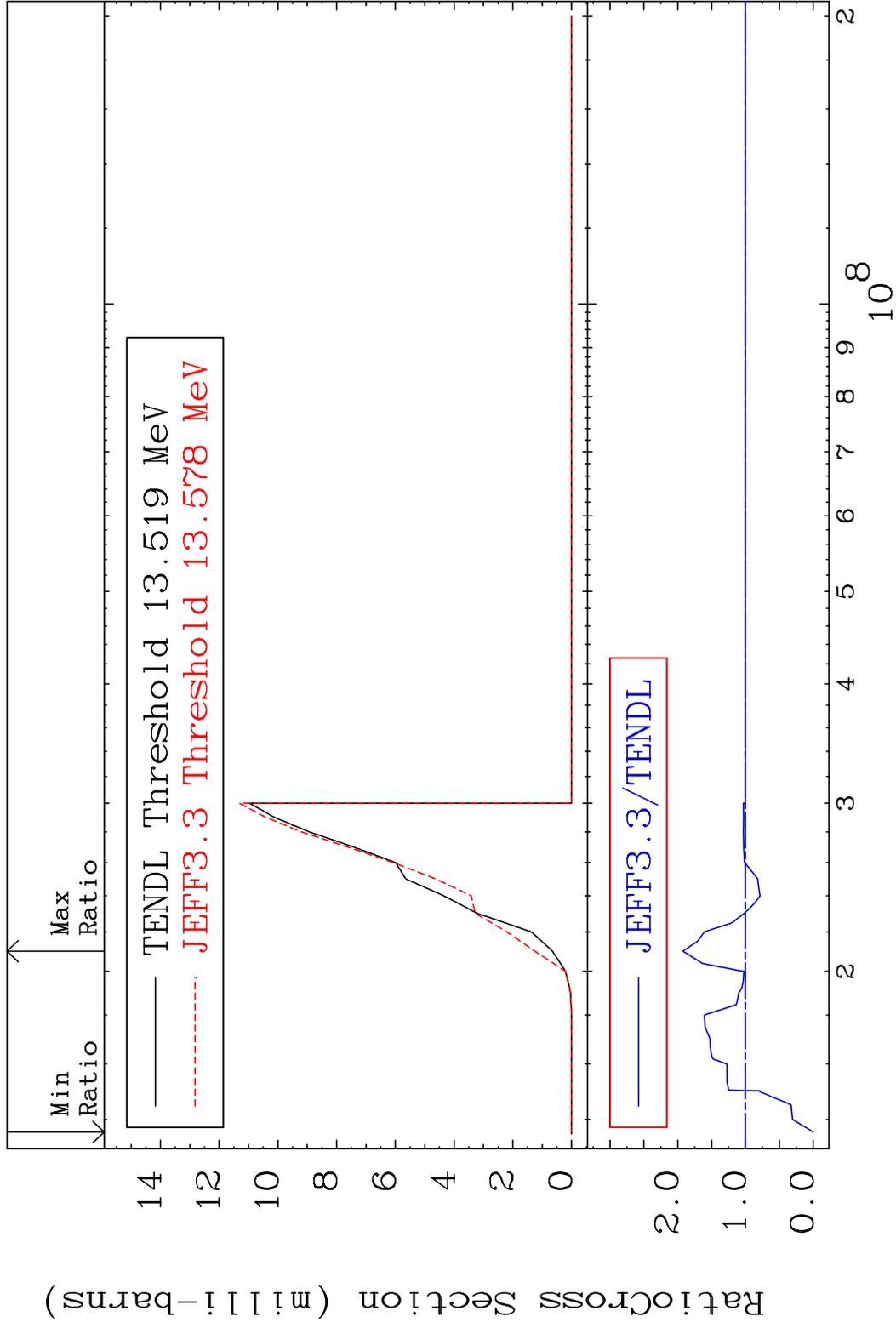
15-P -31

MAT 1525

(n, He-3)

15-P -31

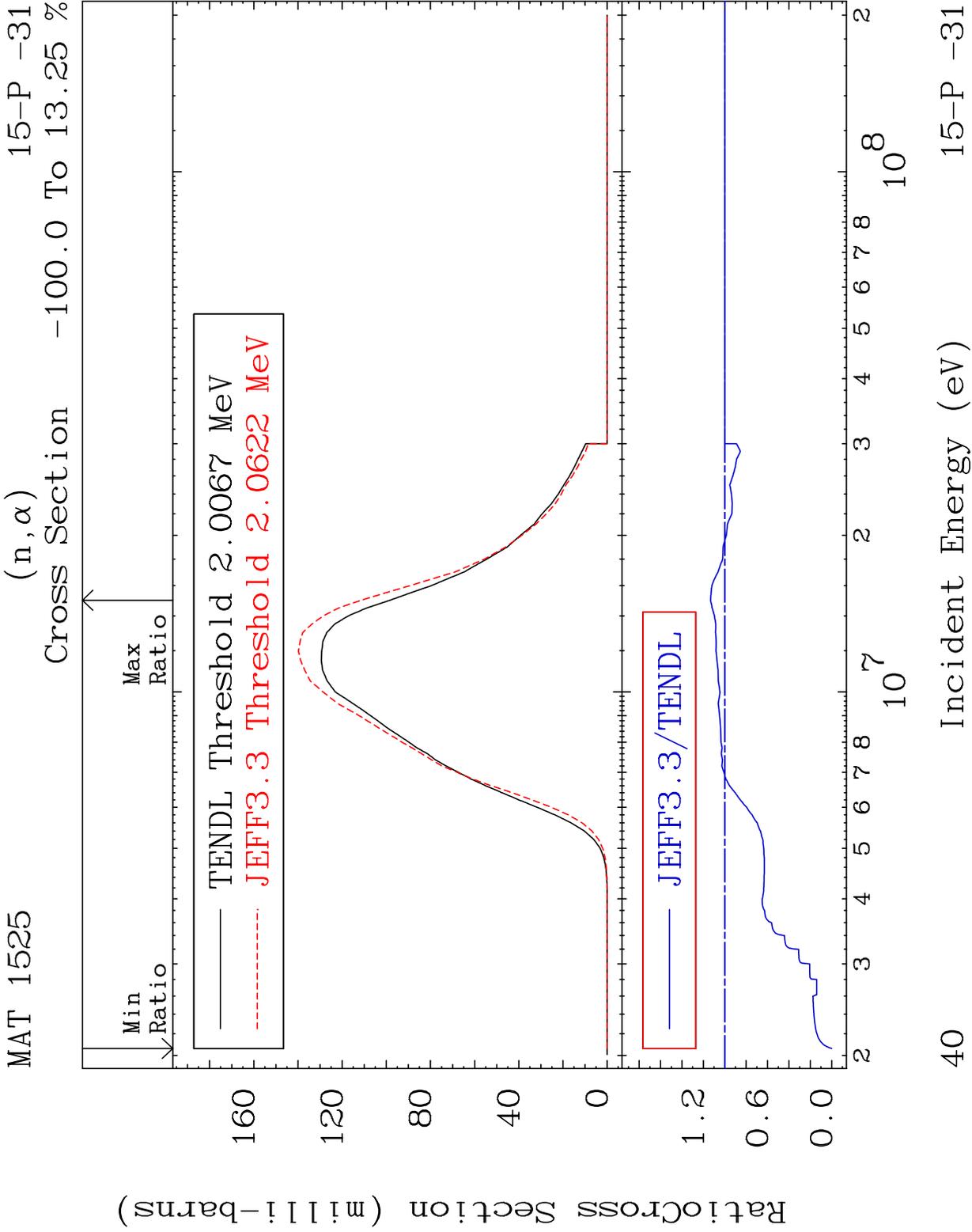
Cross Section -100.0 To 92.52 %



39

Incident Energy (eV)

15-P -31

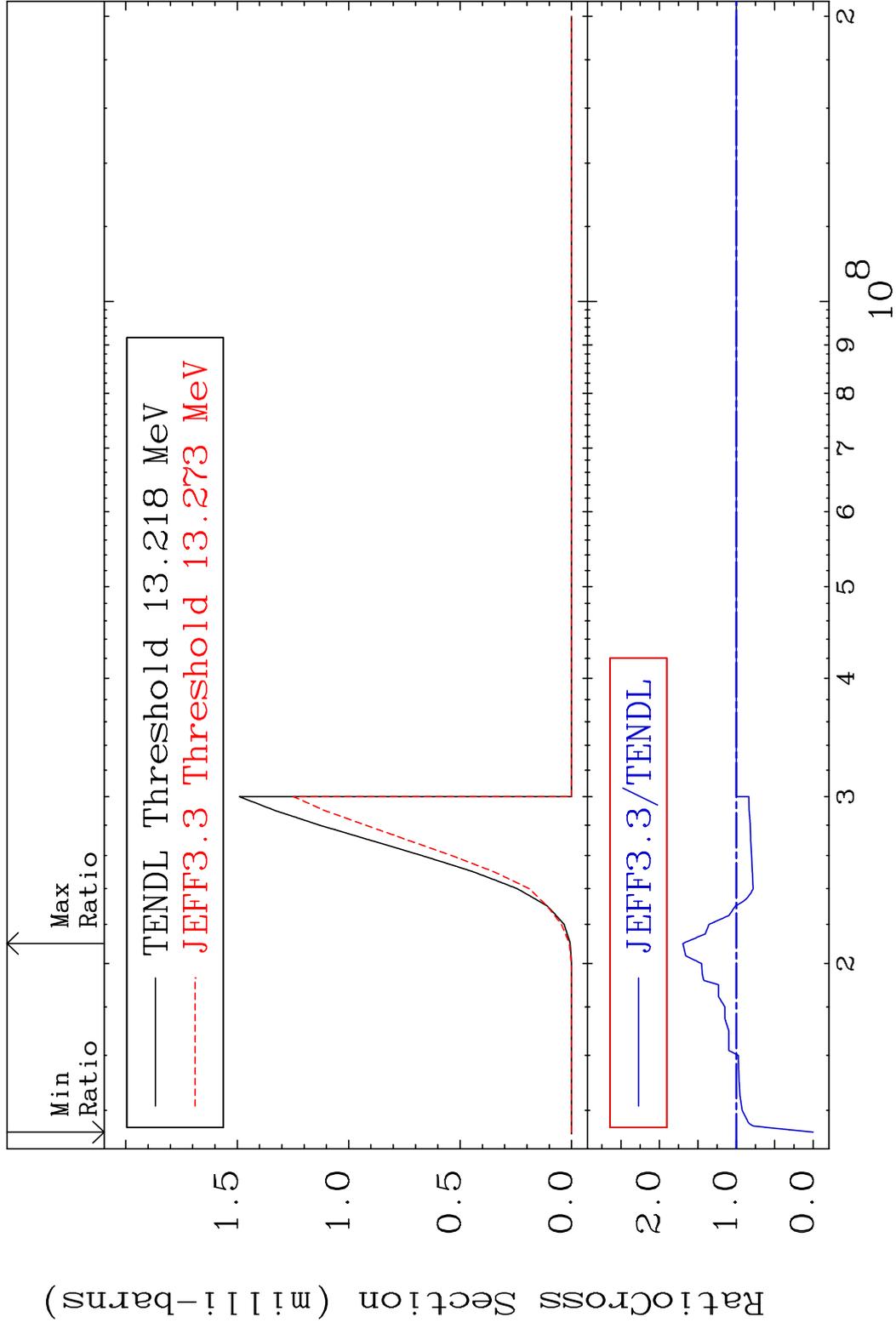


MAT 1525

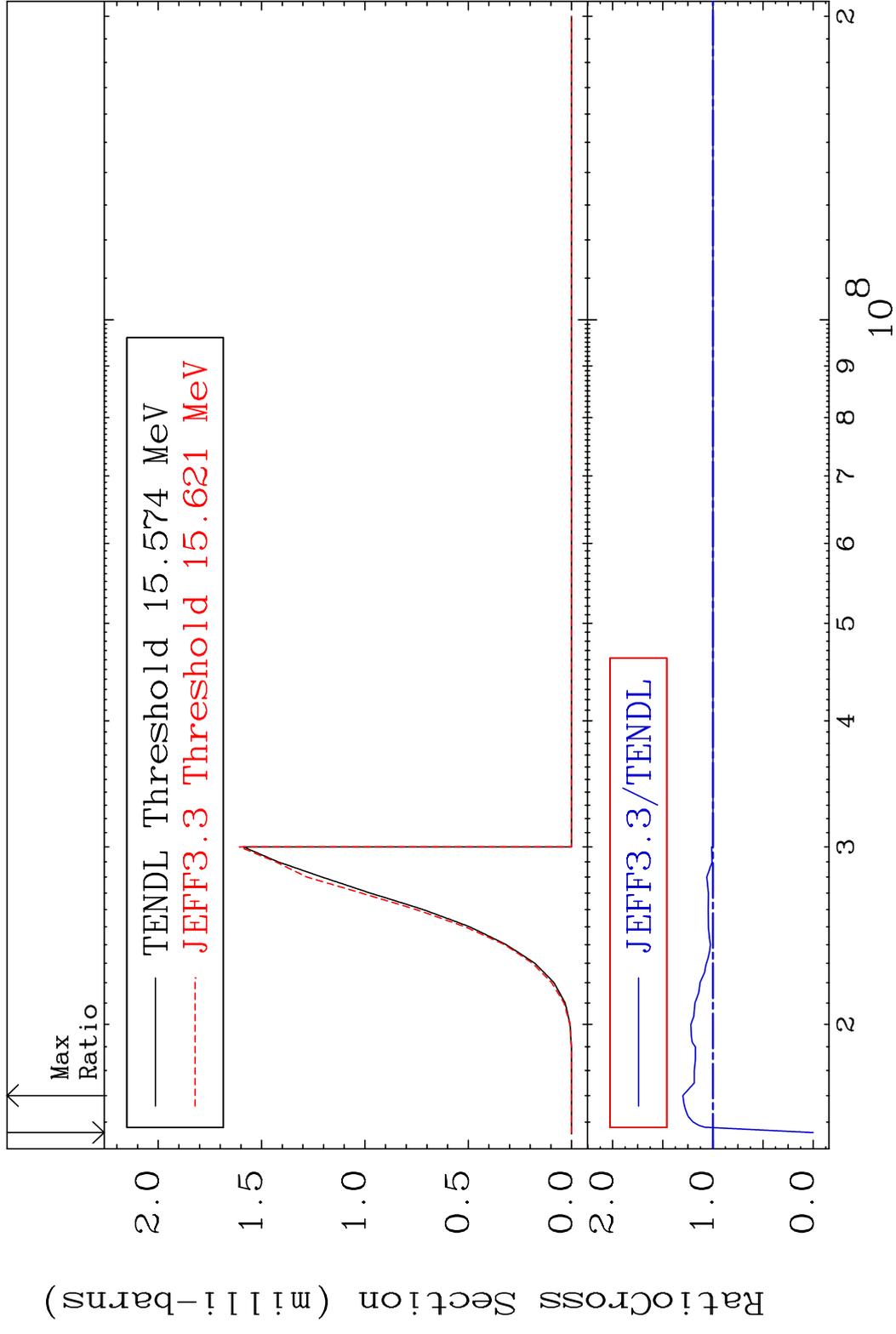
(n,2α)

15-P -31

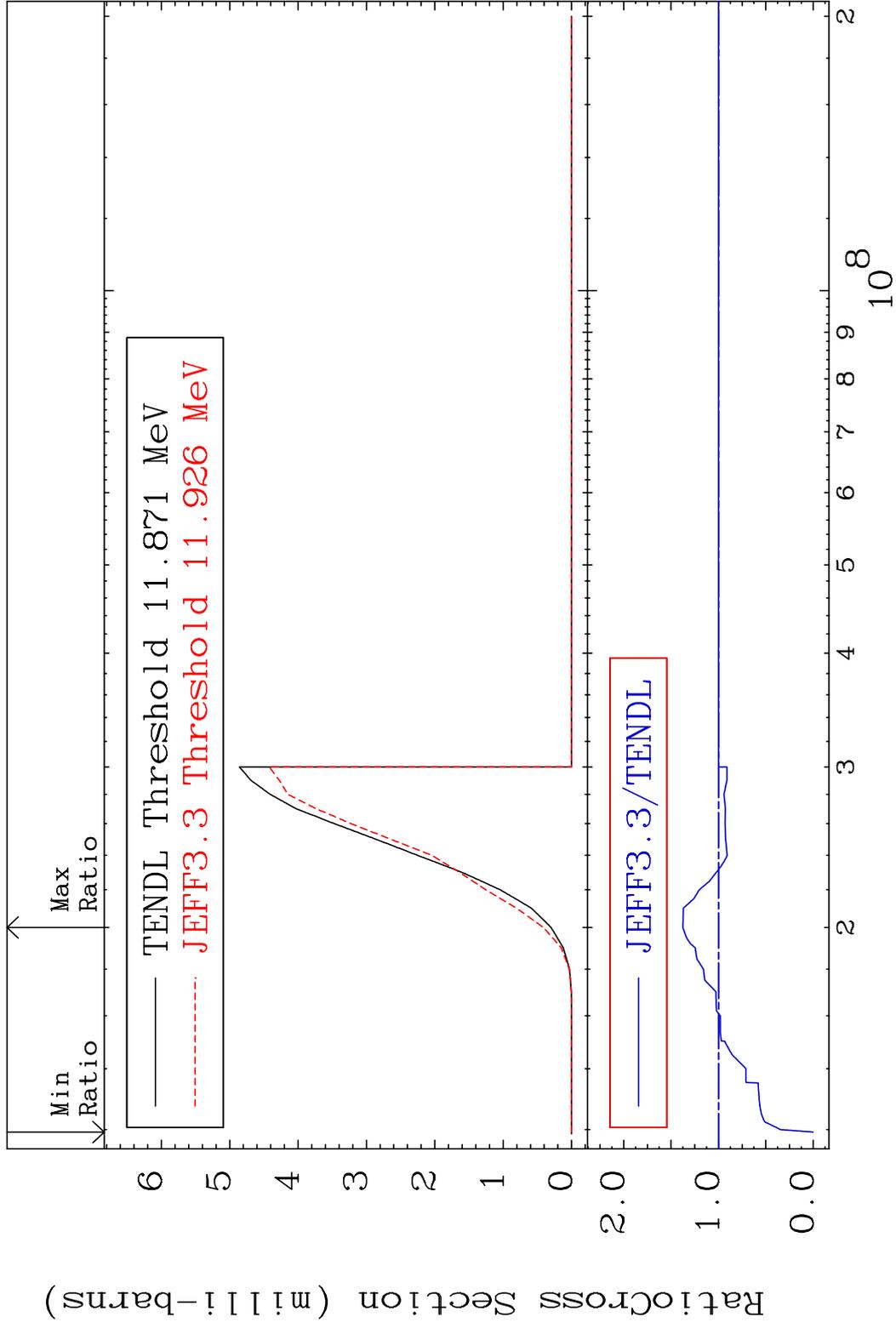
Cross Section -100.0 To 69.52 %



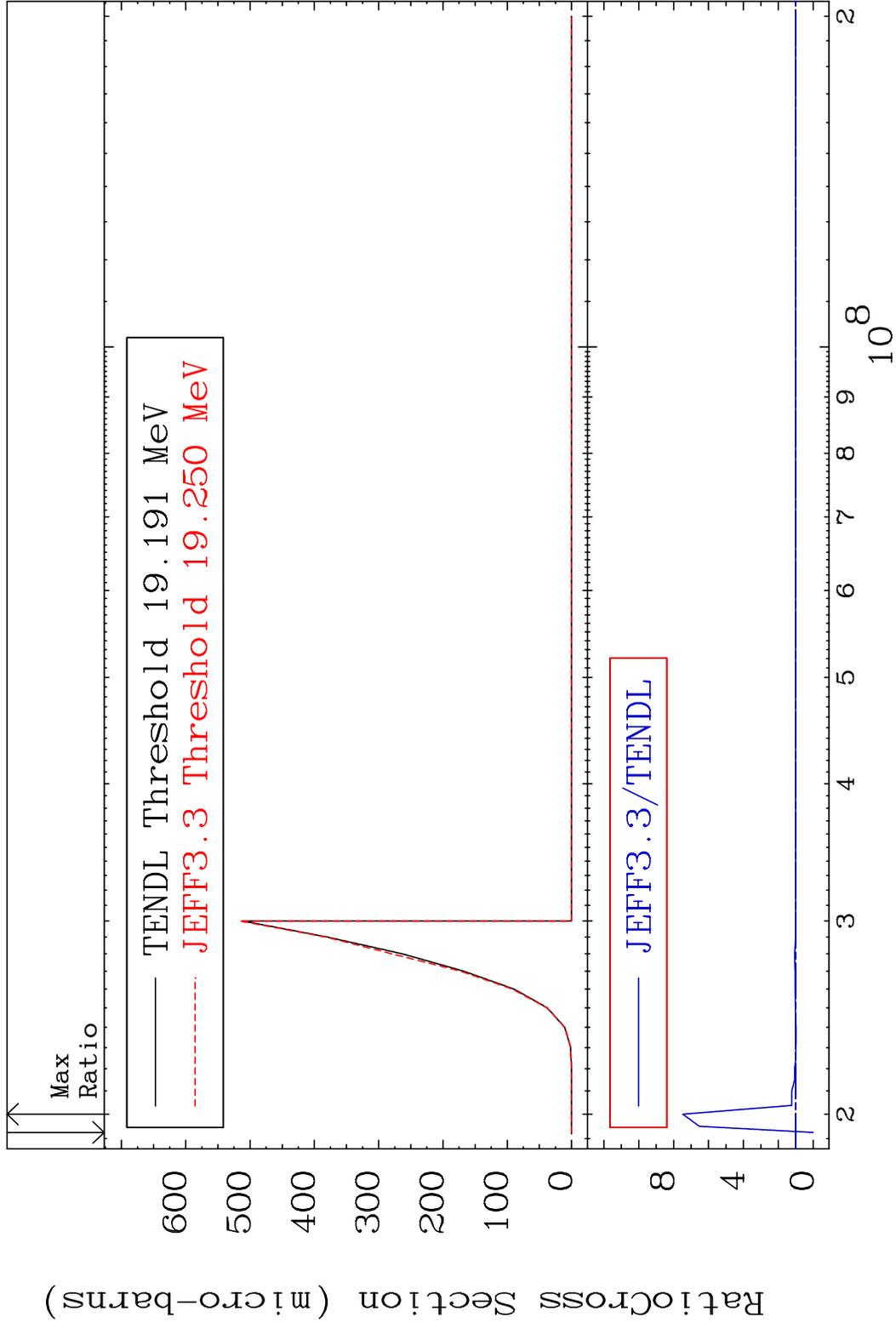
MAT 1525 (n,2p) 15-P -31  
 Cross Section -100.0 To 30.00 %



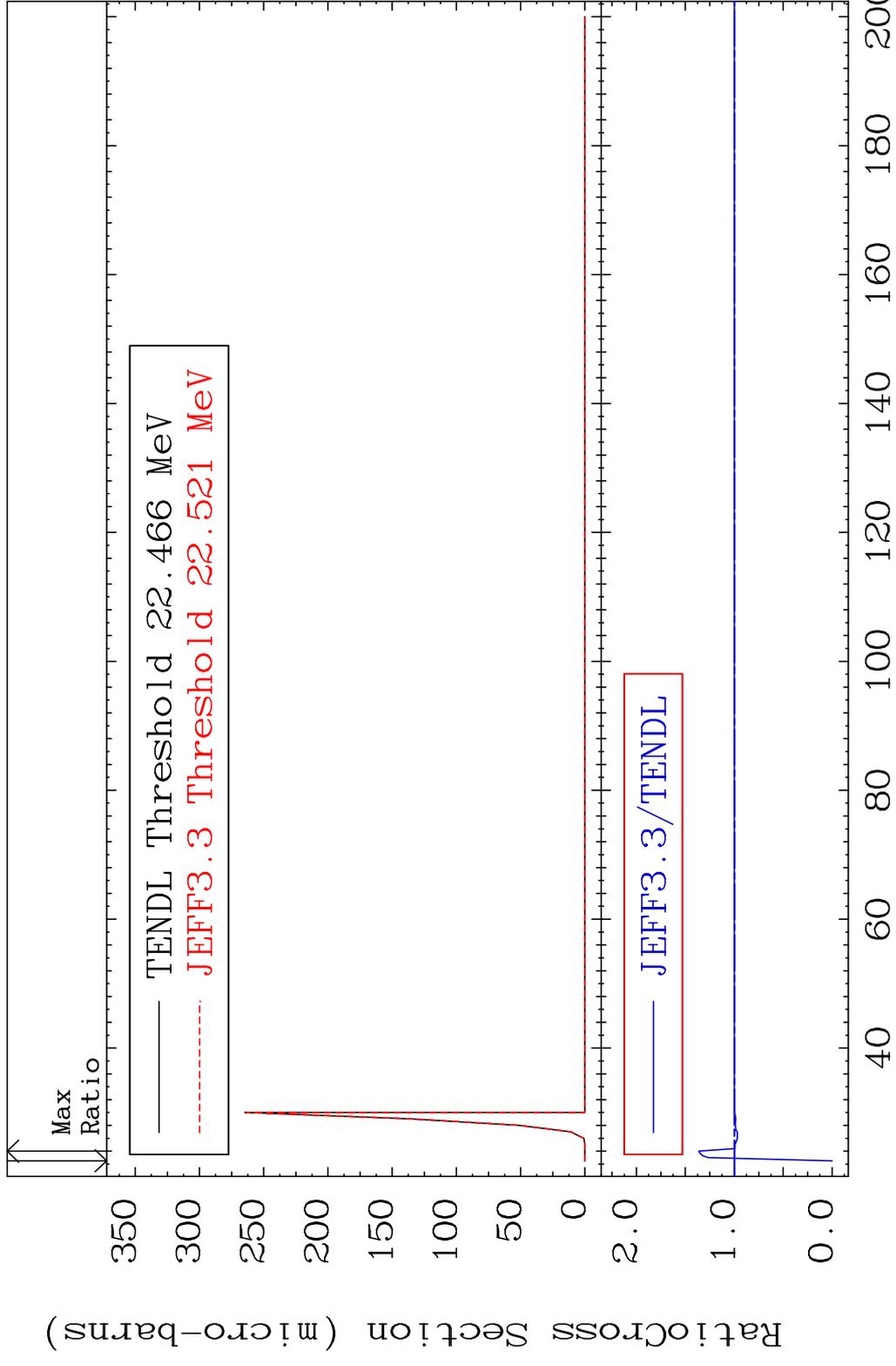
MAT 1525 (n,p)  $\alpha$  15-P -31  
 Cross Section -100.0 To 37.59 %



MAT 1525 (n,p) d 15-P -31  
 Cross Section -100.0 To 647.2 %

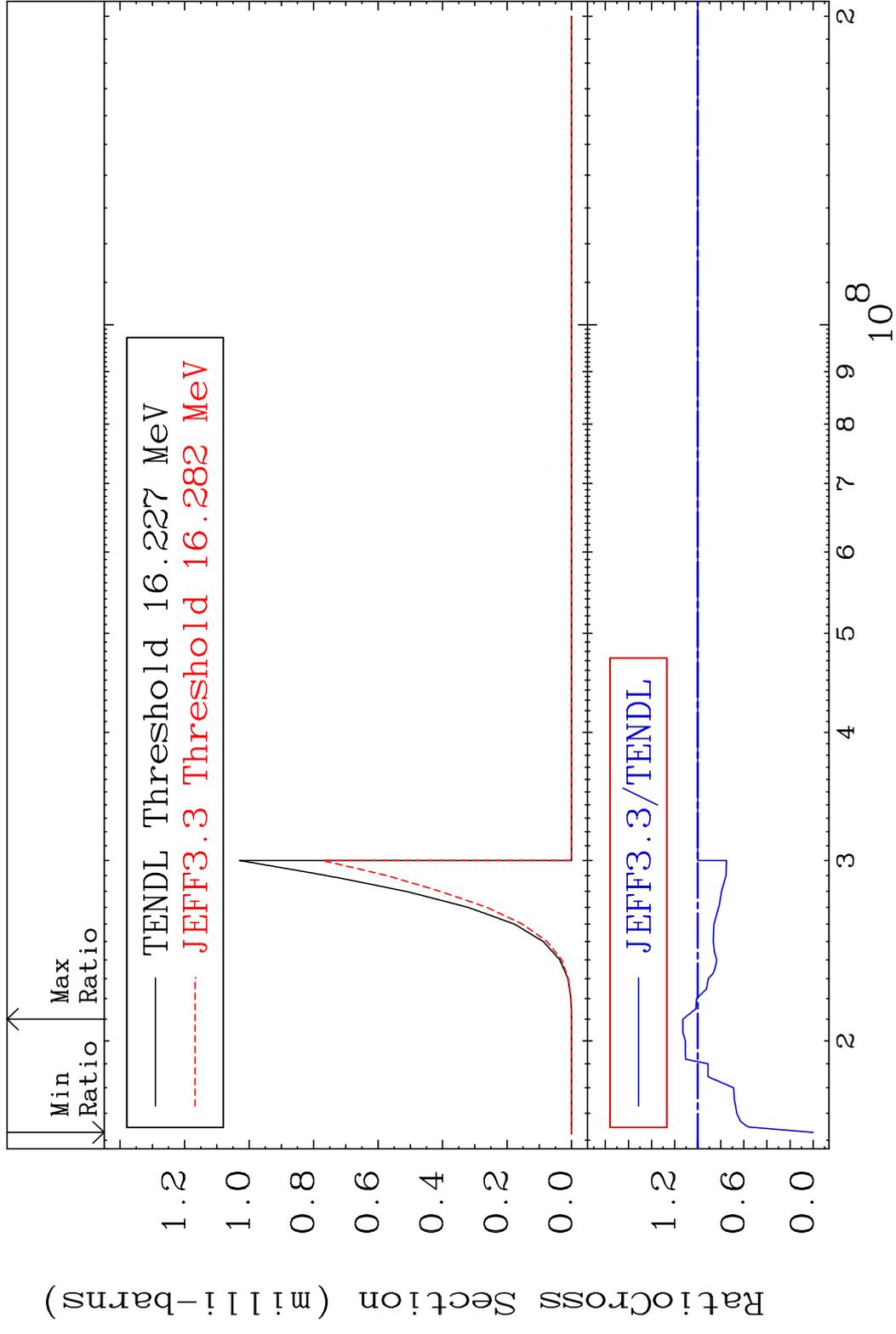


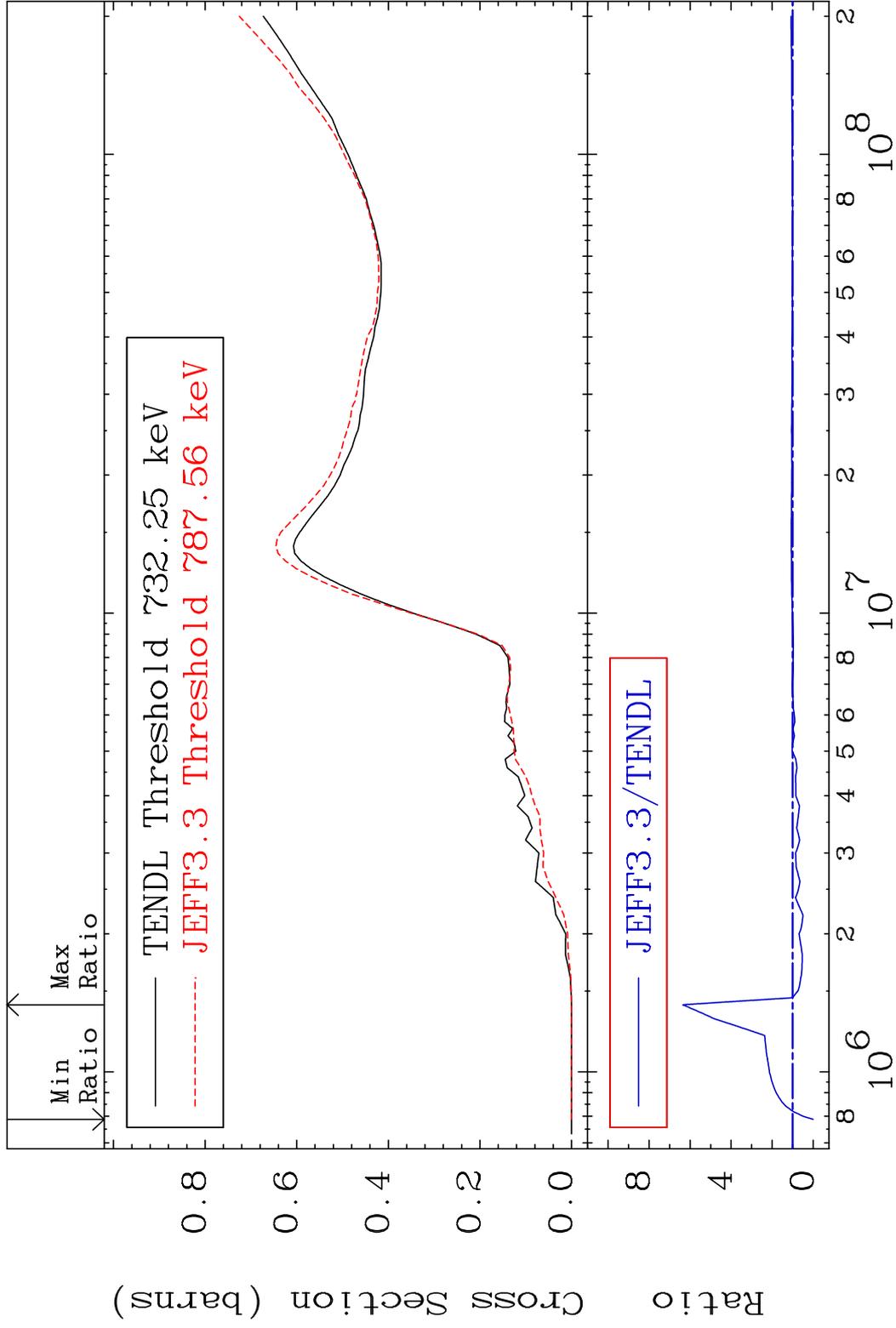
MAT 1525 (n,p) t 15-P -31  
 Cross Section -100.0 To 36.28 %



45 Incident Energy (MeV) 15-P -31

MAT 1525 (n,d)  $\alpha$  15-P -31  
 Cross Section -100.0 To 12.89 %



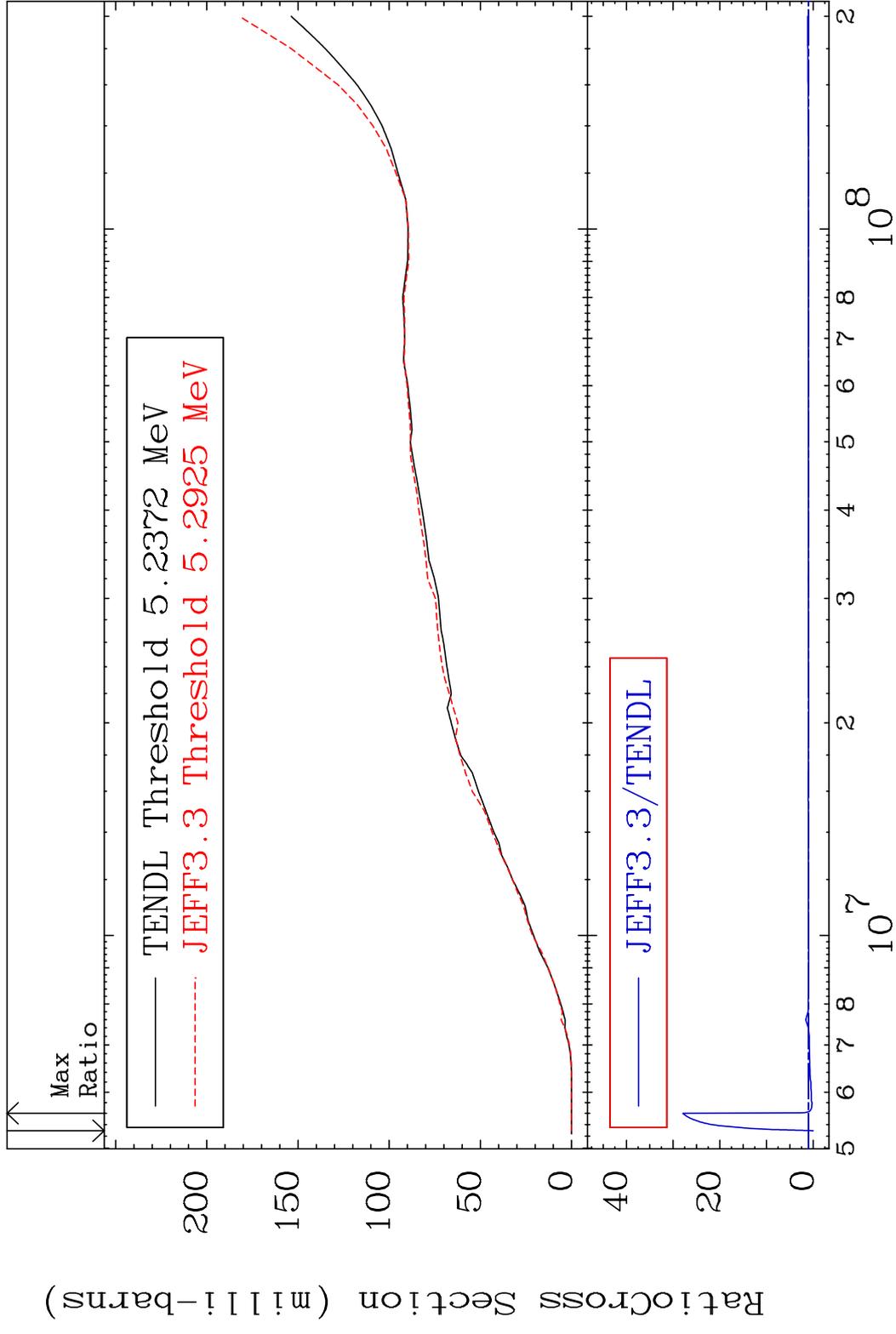


MAT 1525

Deuterium Production

15-P -31

Cross Section -100.0 To 2692. %

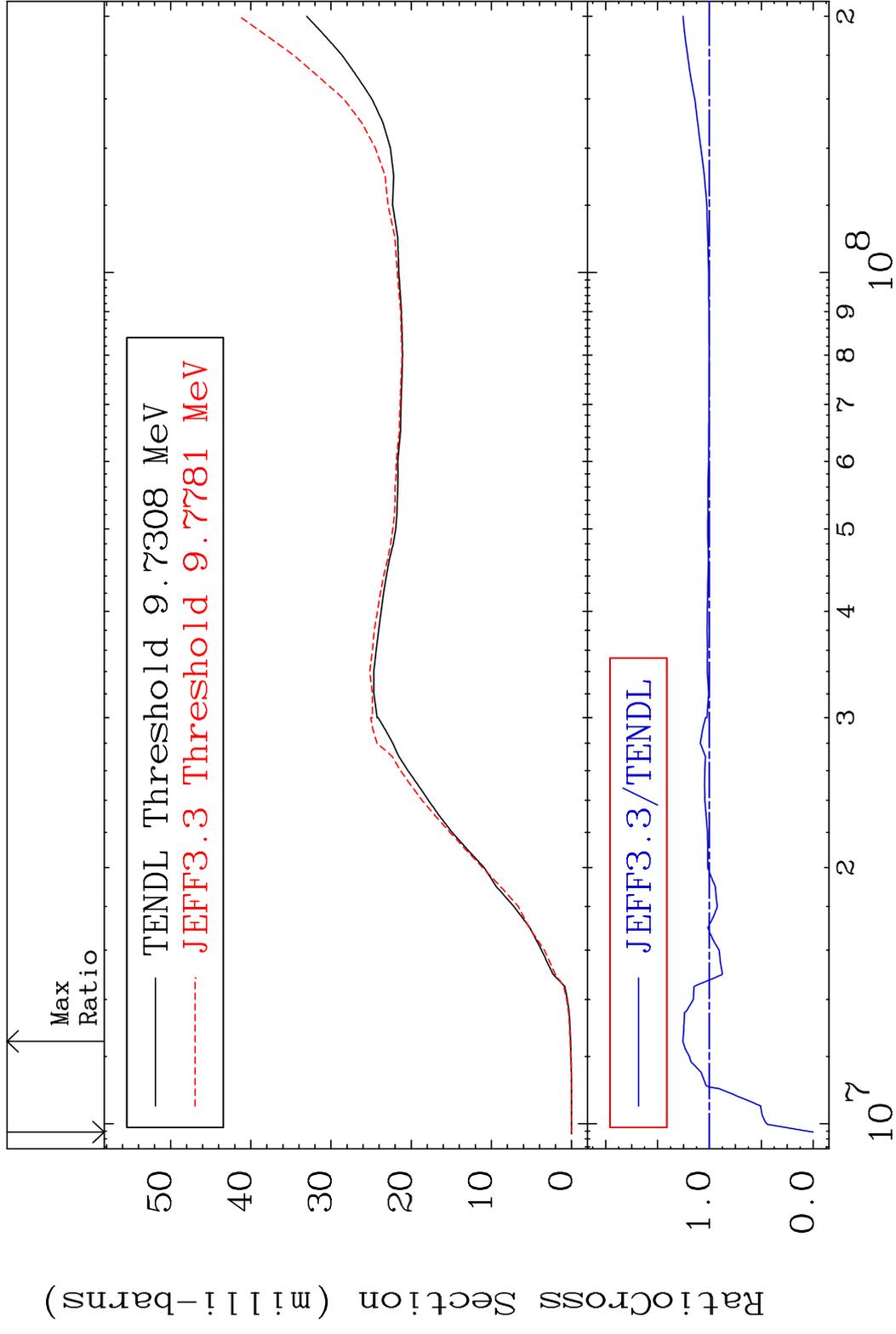


48

Incident Energy (eV)

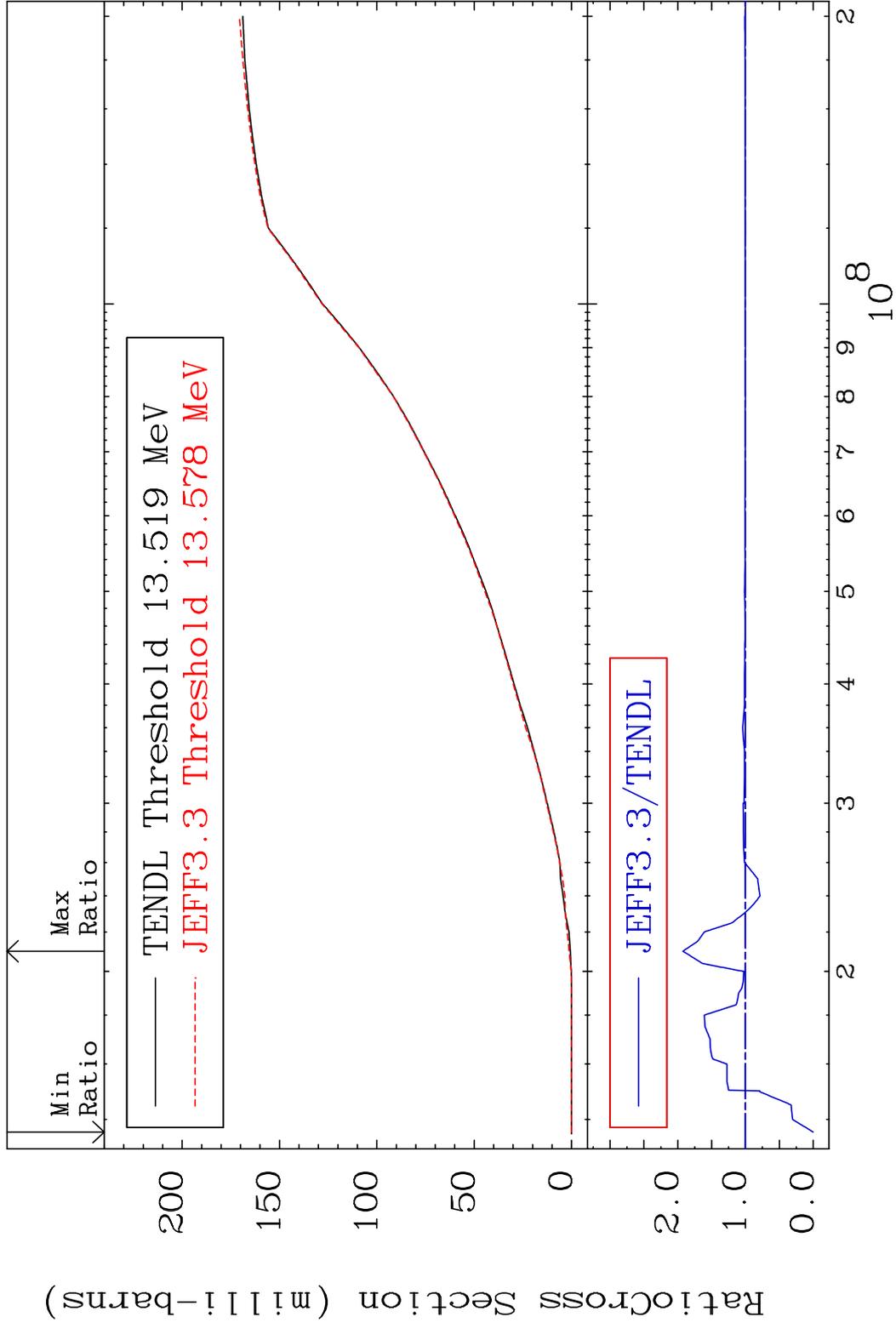
15-P -31

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

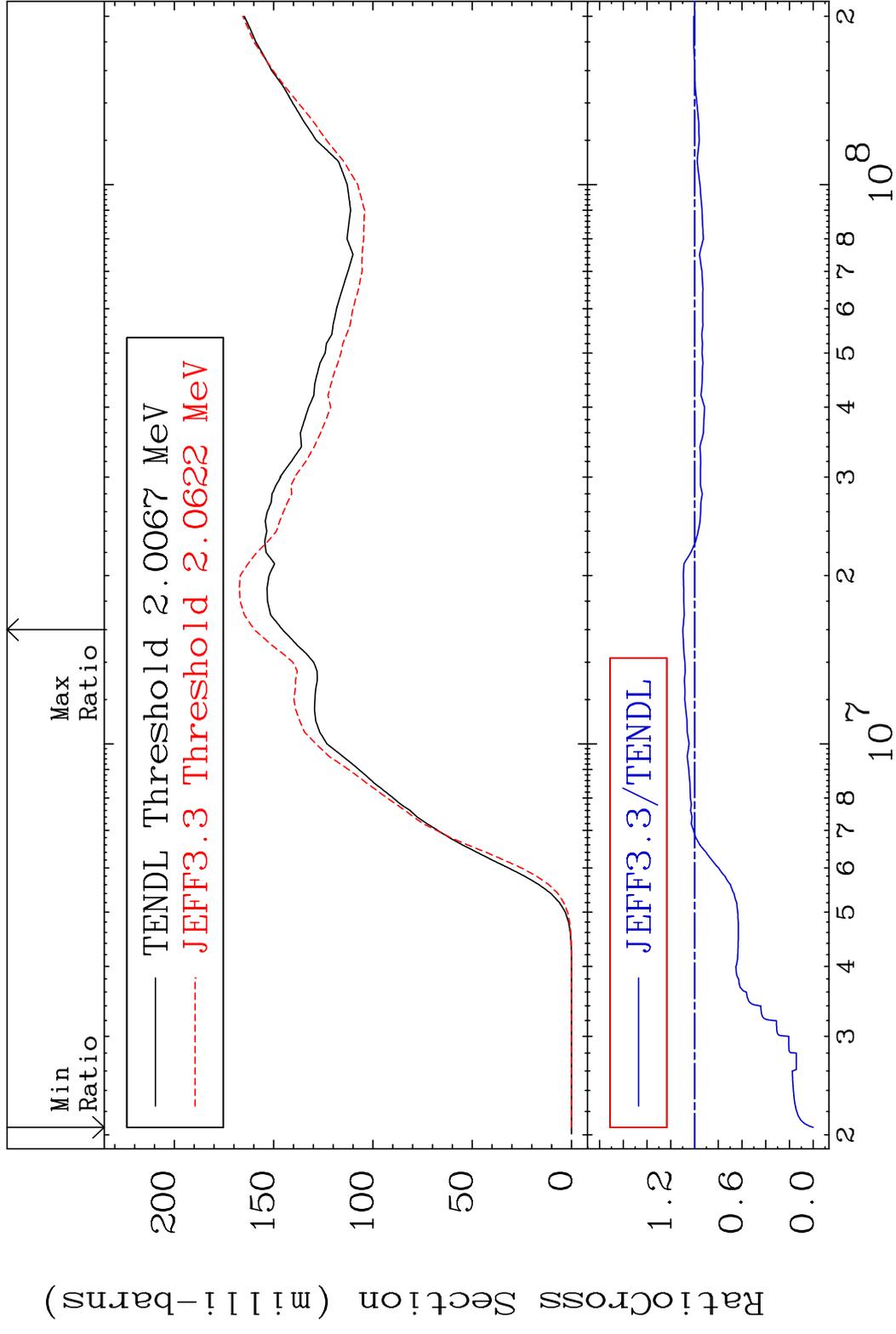


49 Incident Energy (eV) 15-P -31

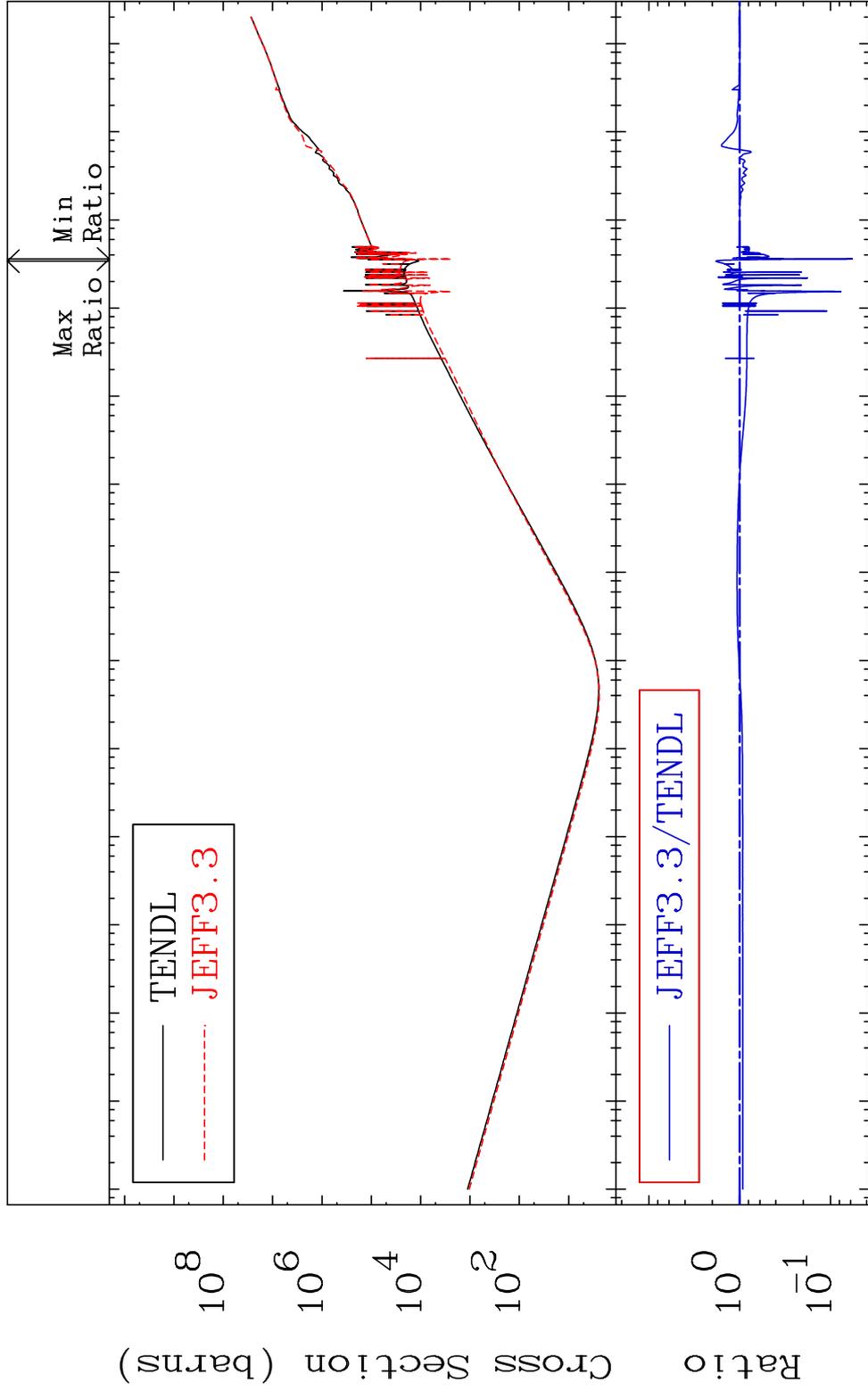
Cross Section -100.0 To 92.52 %



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



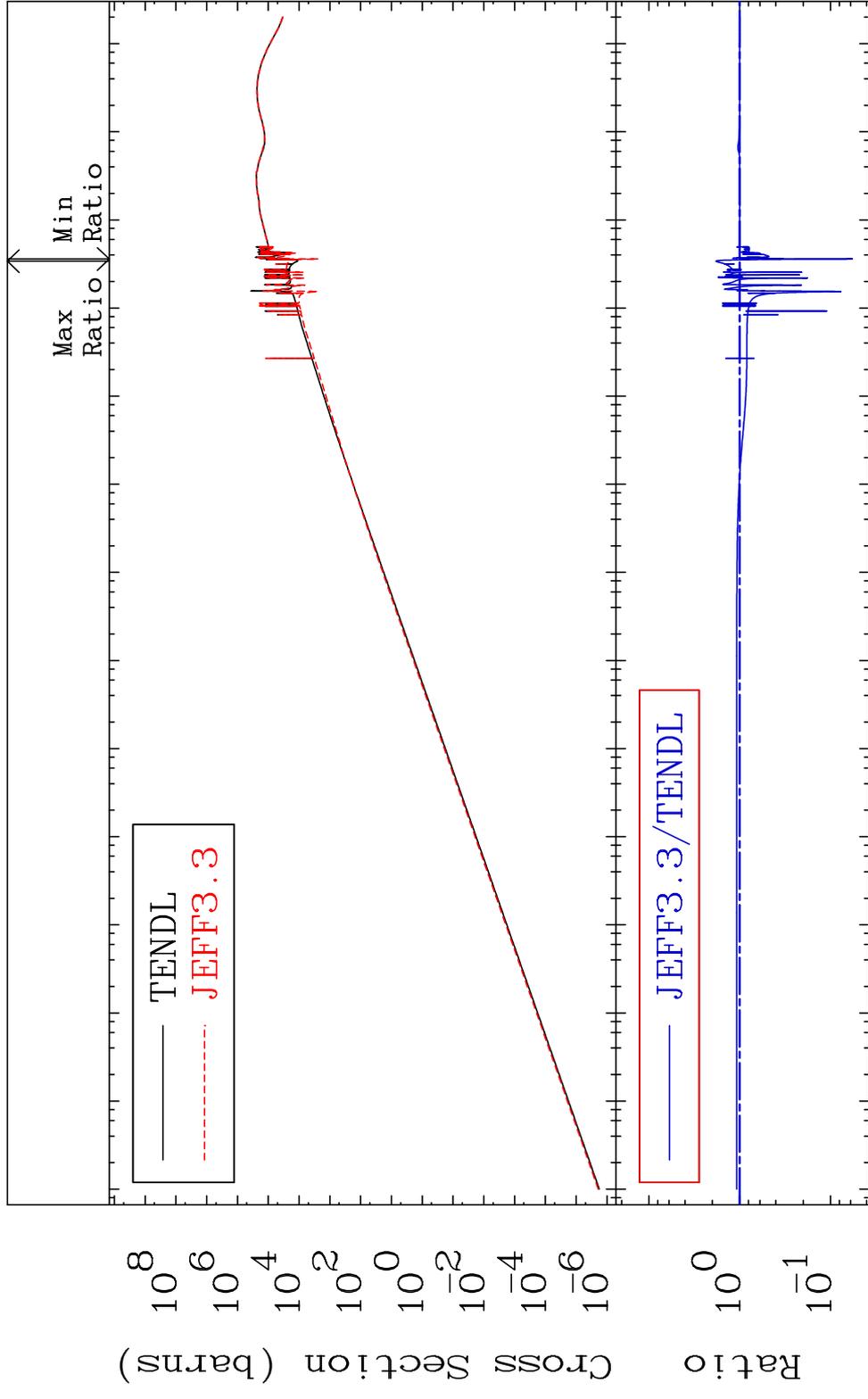
MAT 1525 Kerma total (eV-barns) 15-P -31  
 Cross Section -94.27 To 82.95 %



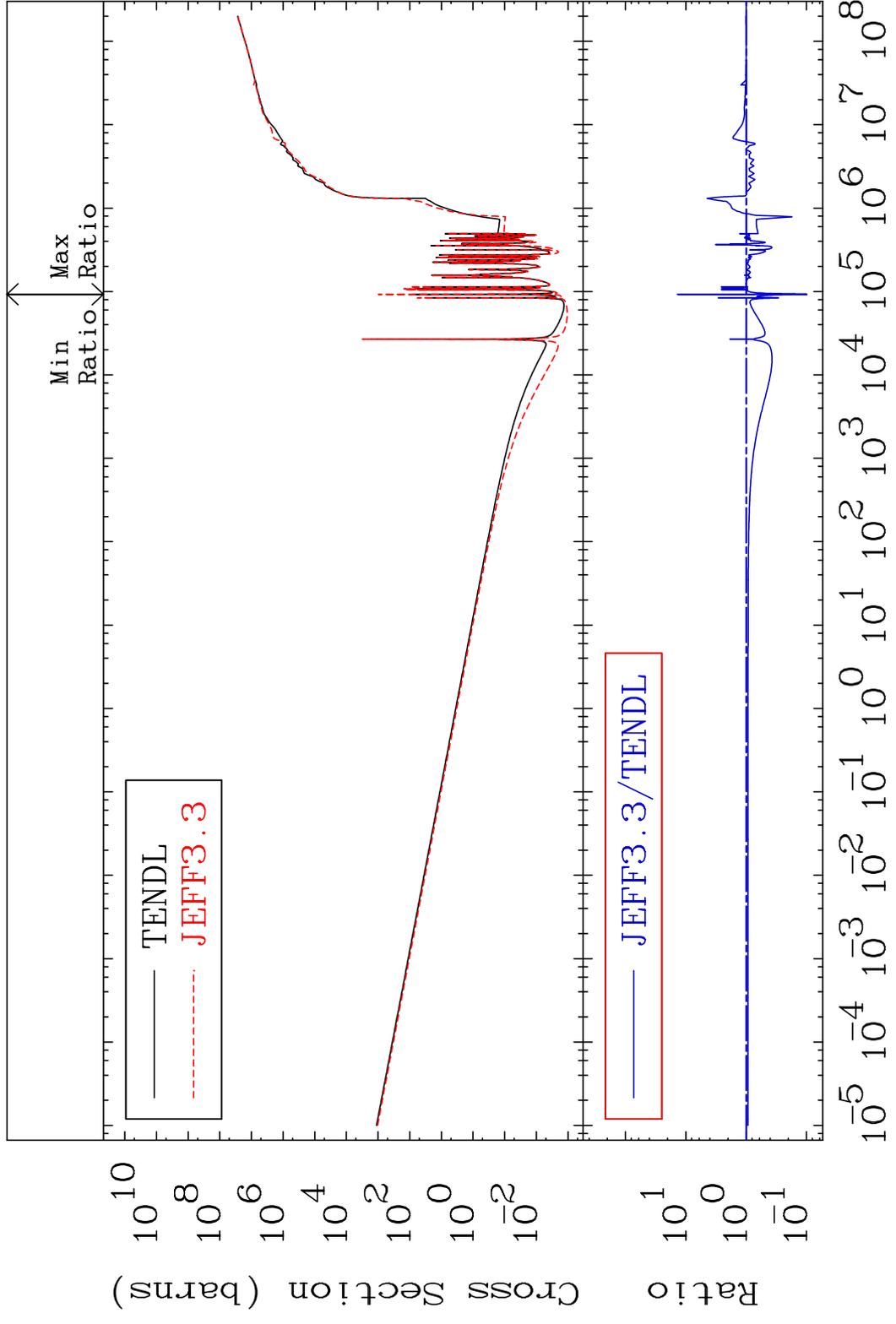
MAT 1525

Kerma elastic  
Cross Section

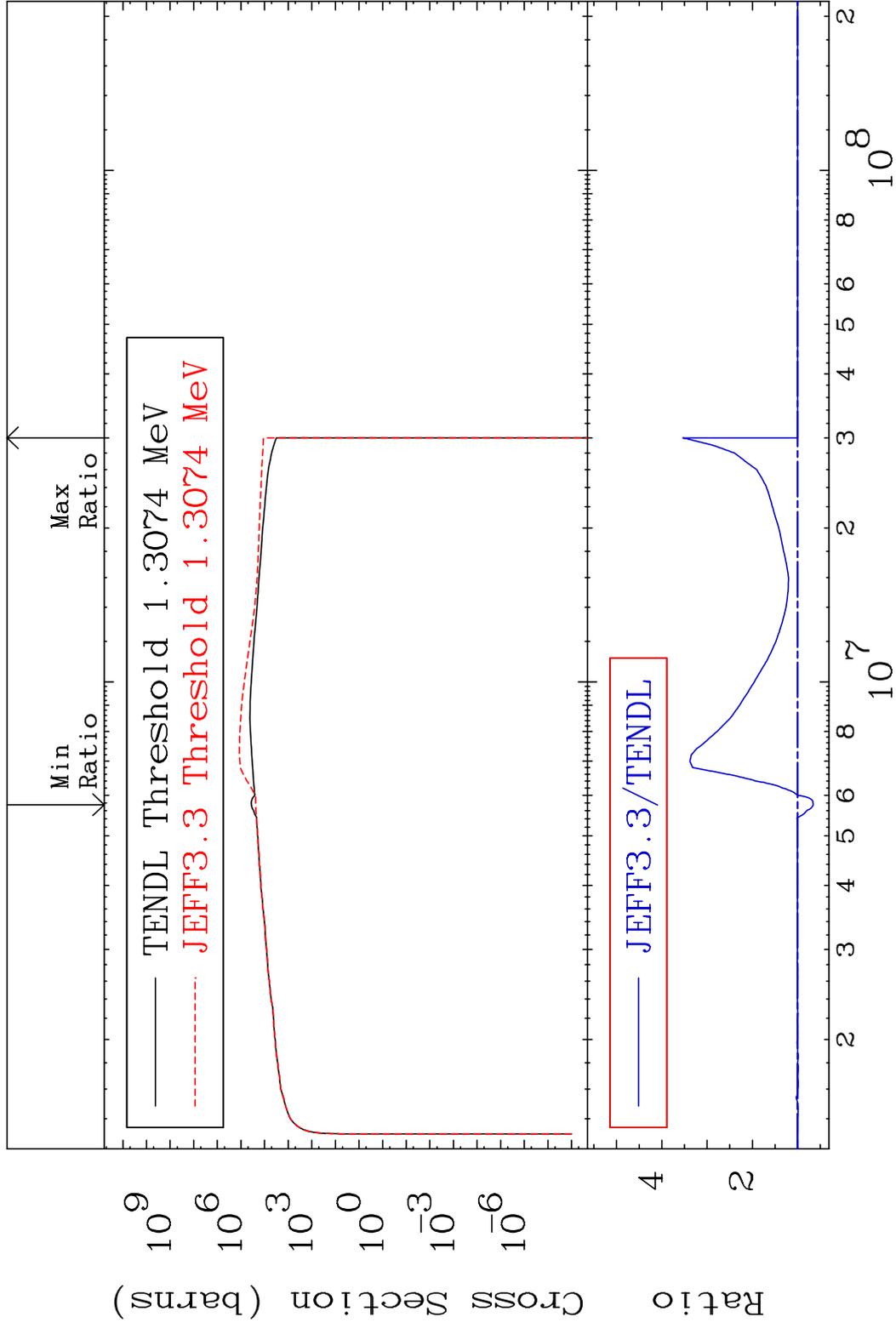
15-P -31  
-94.27 To 82.95 %



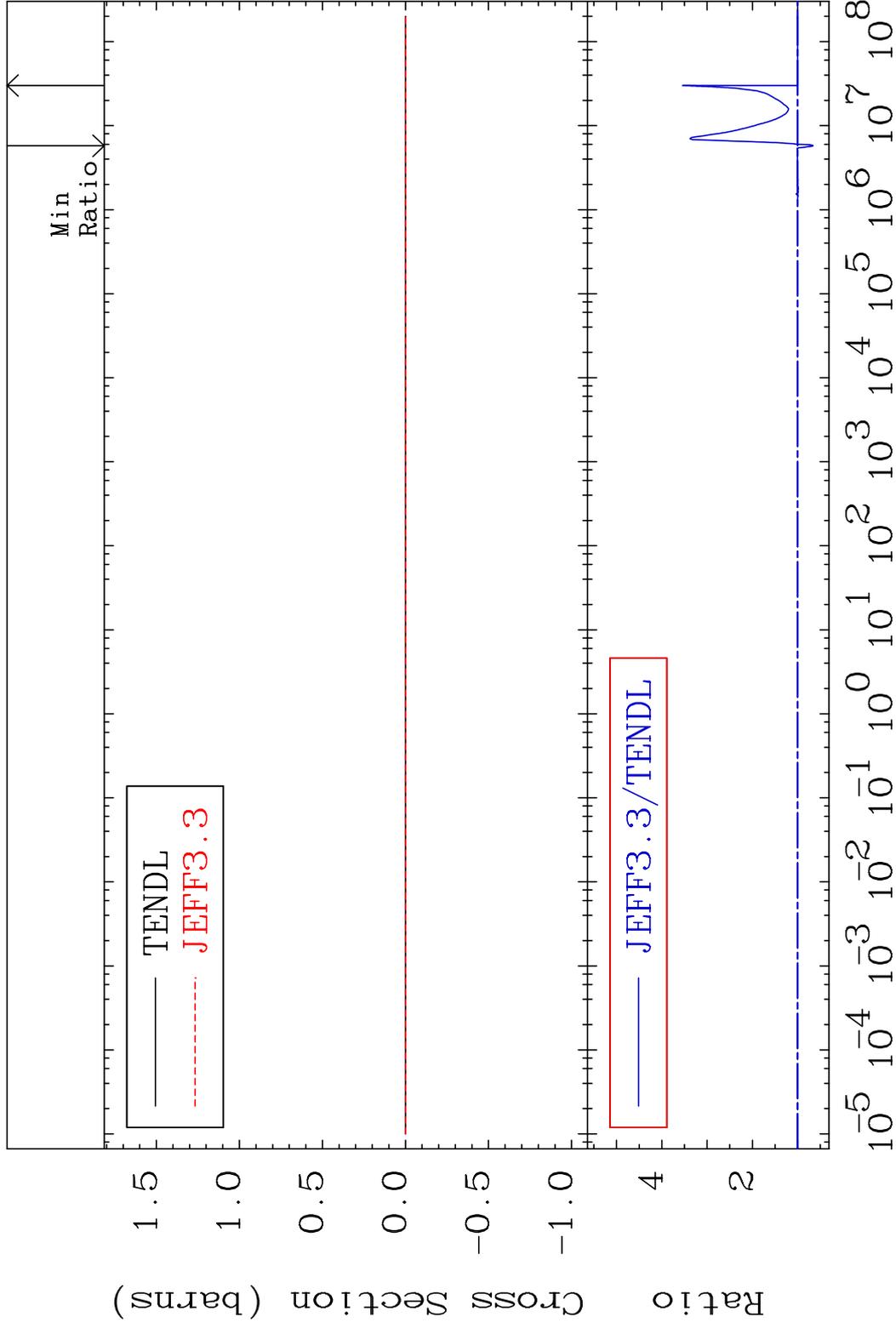
MAT 1525 Kerma non-elastic (all but mt2) 15-P -31  
 Cross Section -90.23 To 1262. %

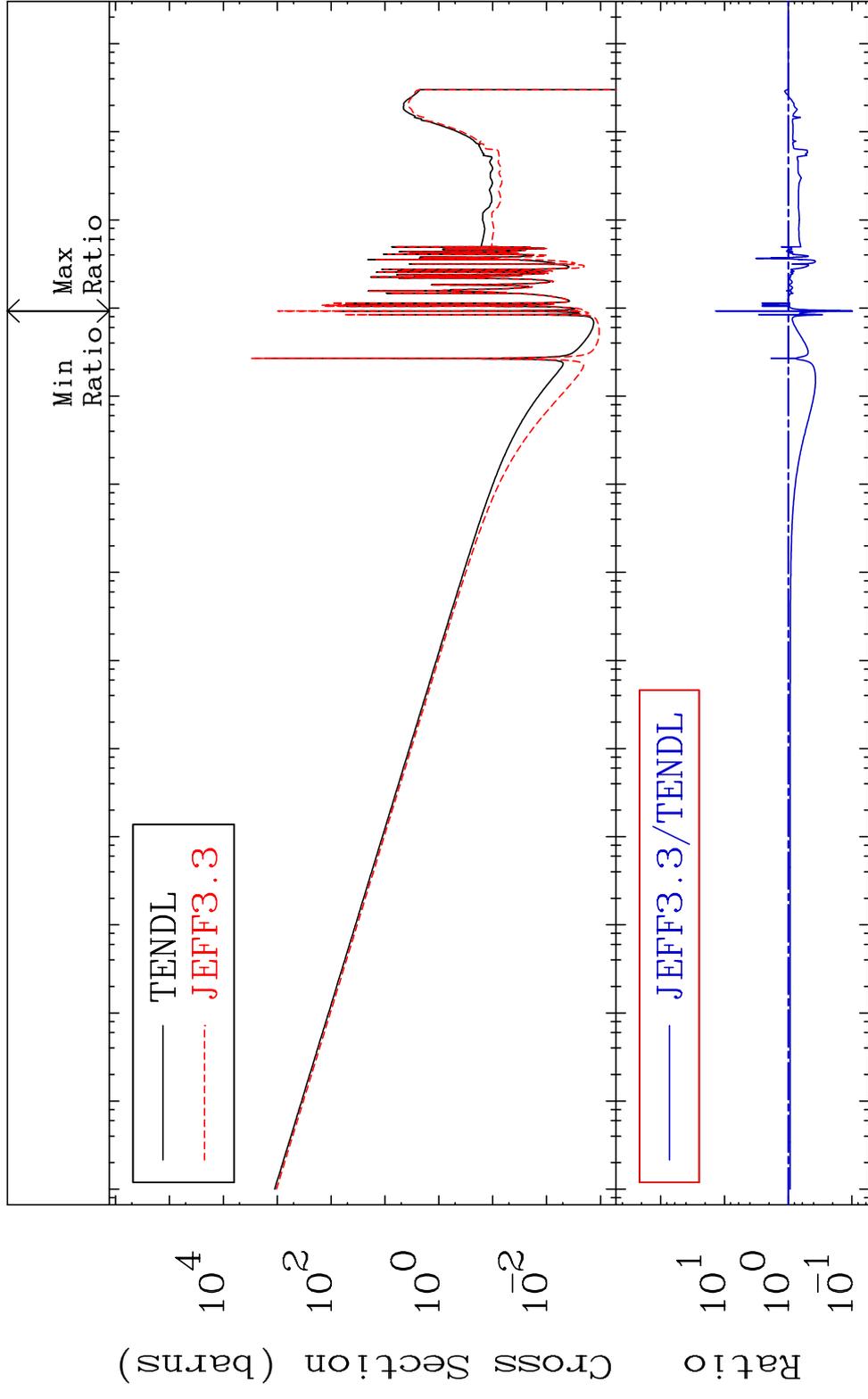


MAT 1525 Kerma inelastic (mt51-91) 15-P -31  
 Cross Section -34.24 To 253.6 %

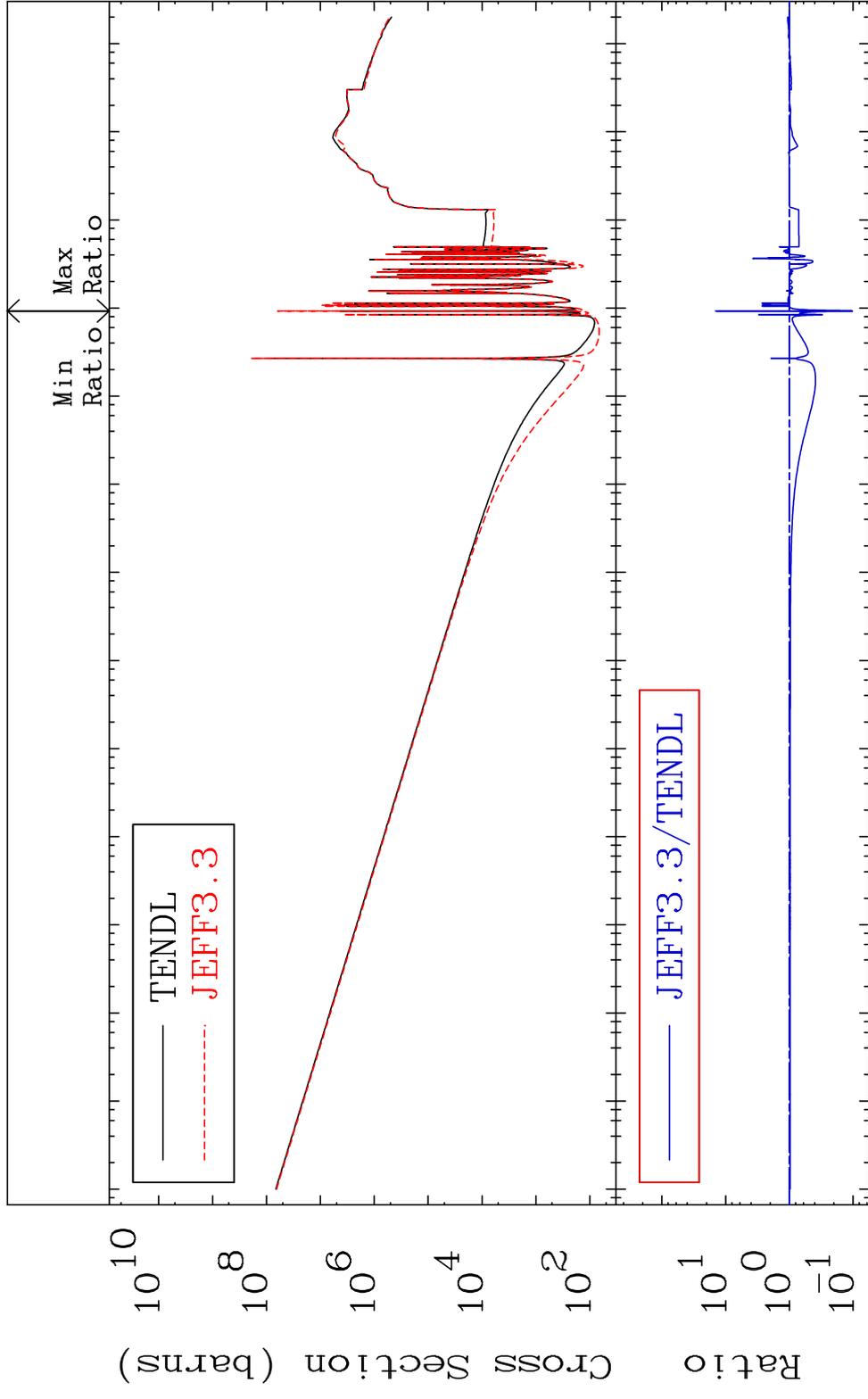


MAT 1525 Kerma fission (mt18 or mt19-20-21-38) 15-P -31  
 Cross Section -34.24 To 253.6 %

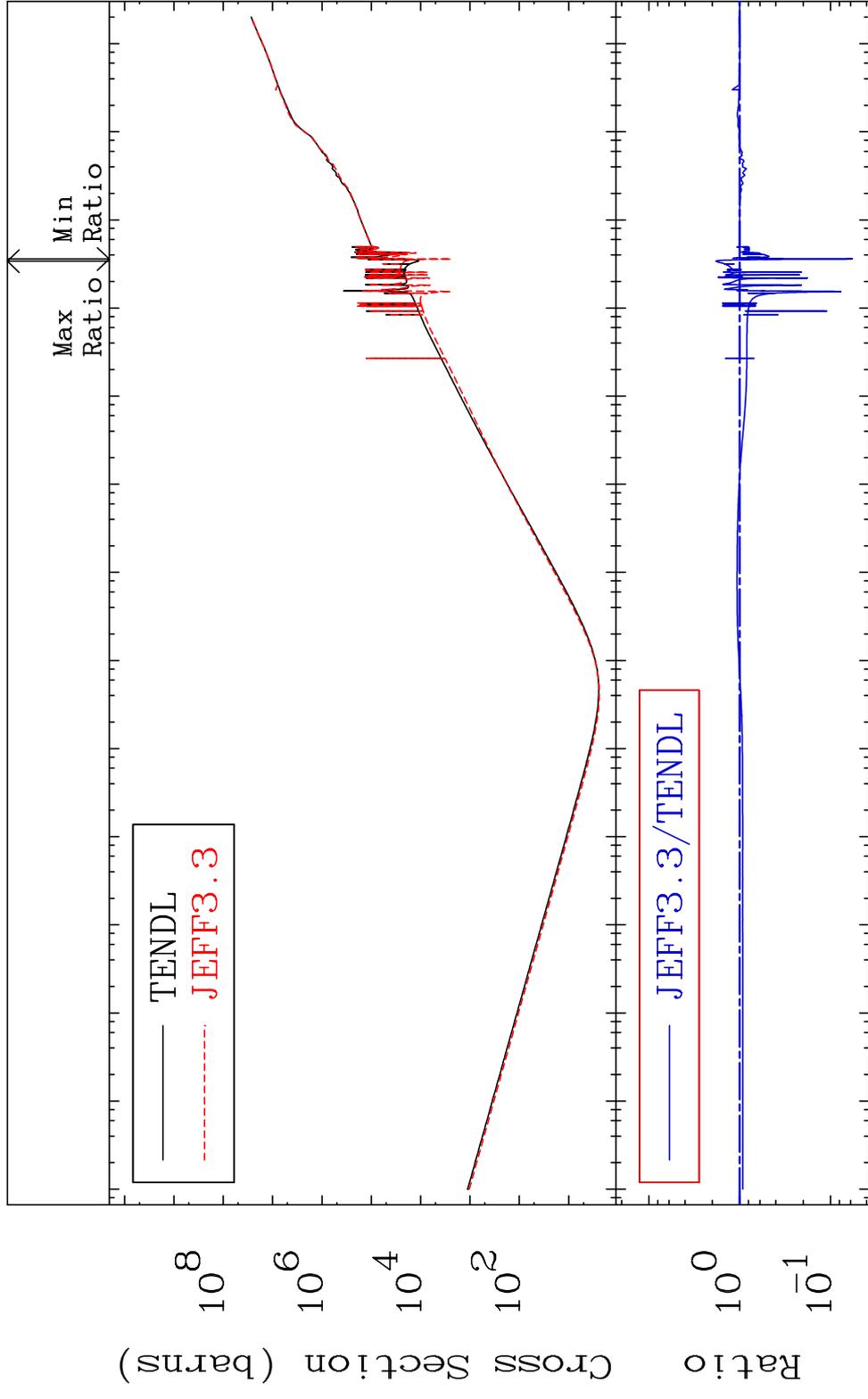




MAT 1525 Total photon (eV-barns) 15-P -31  
 Cross Section -89.78 To 1324. %



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

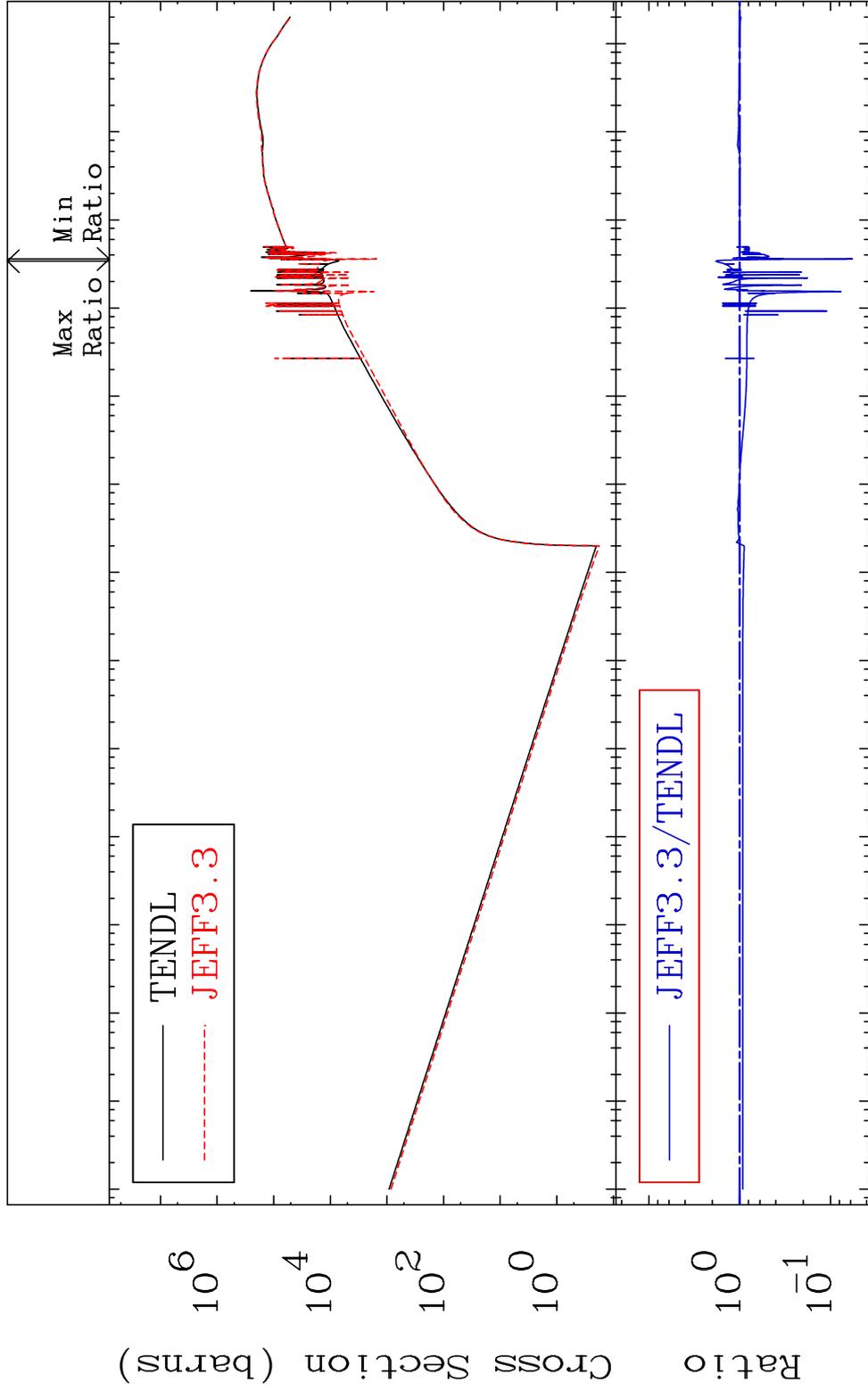


MAT 1525

Dpa total (eV-barns)

15-P -31

Cross Section -94.27 To 82.95 %



60

Incident Energy (eV)

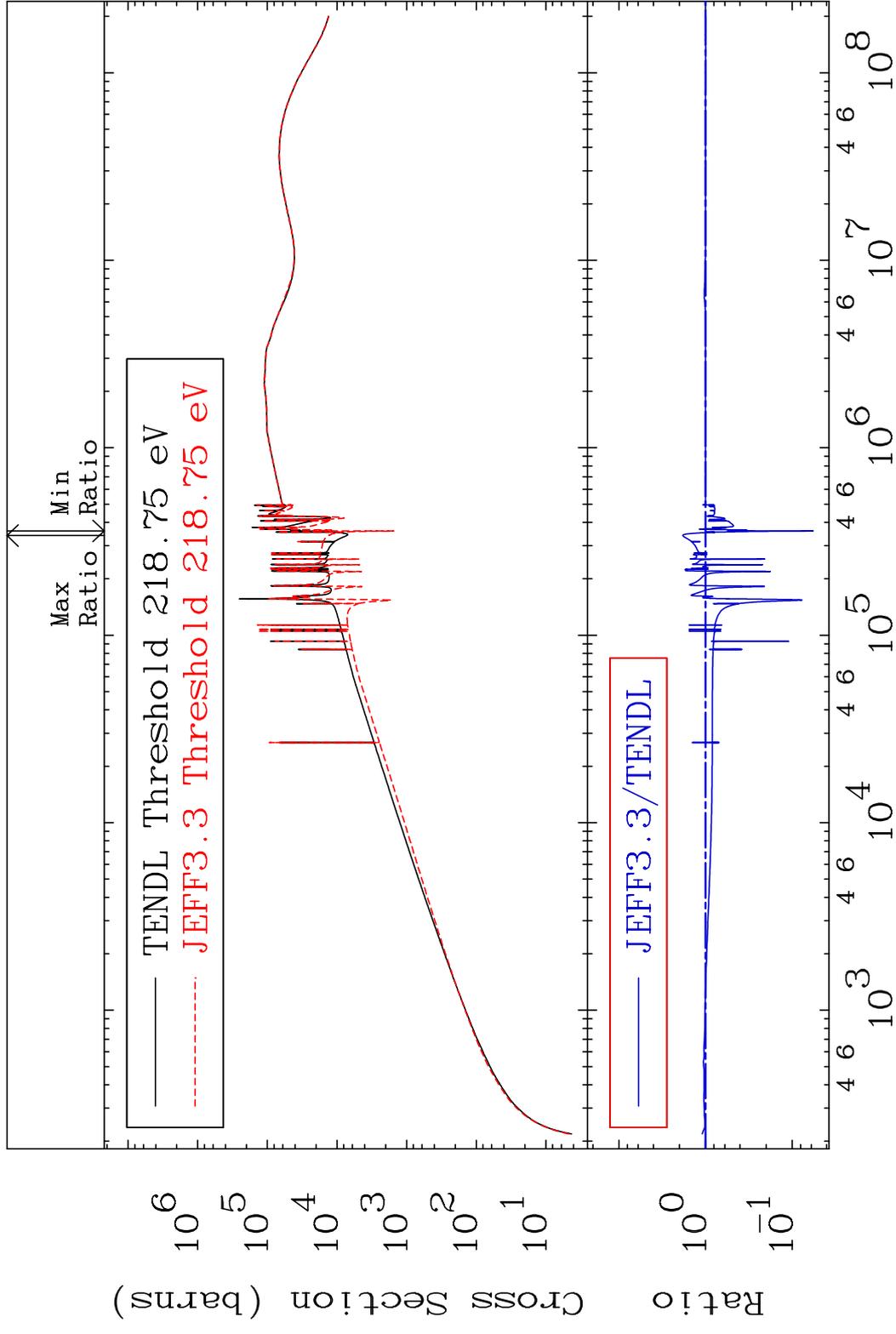
15-P -31

MAT 1525

Dpa elastic (mt2)

15-P -31

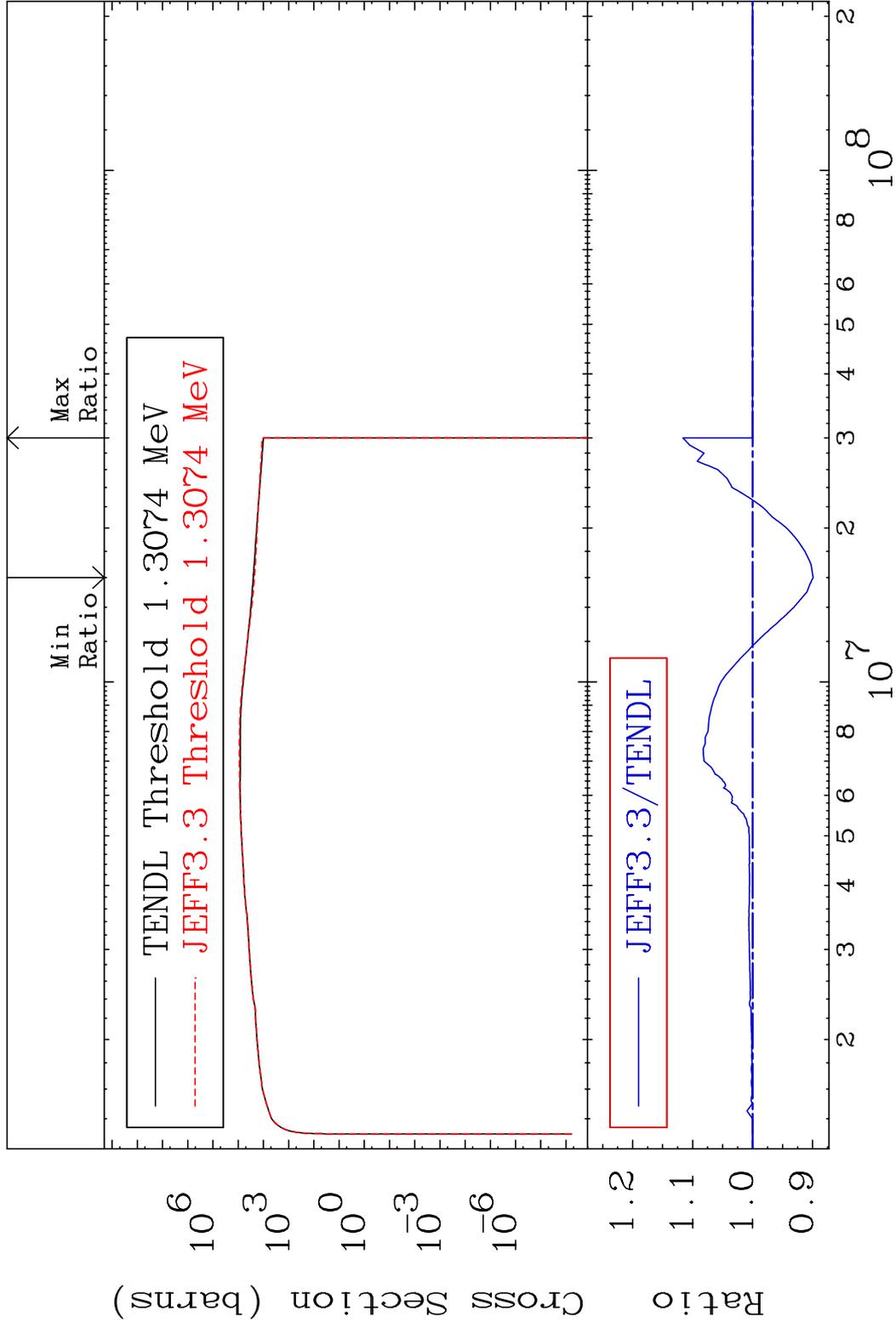
Cross Section -94.27 To 82.95 %



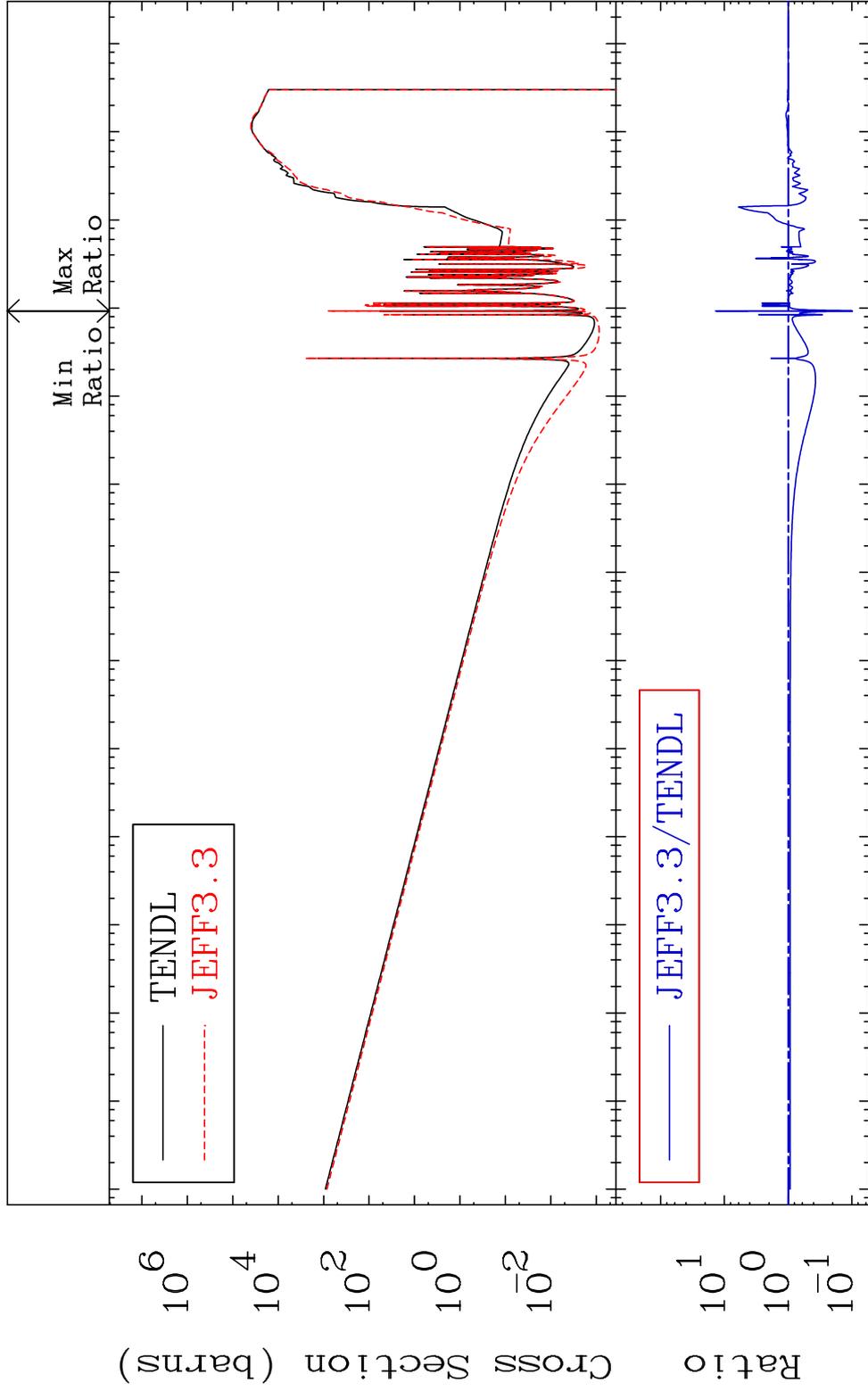
61

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)  $\alpha$ :13-Al-26g 15-P -31  
 Radionuclide Production Cross Section 130.01 dth 1314. %

