

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

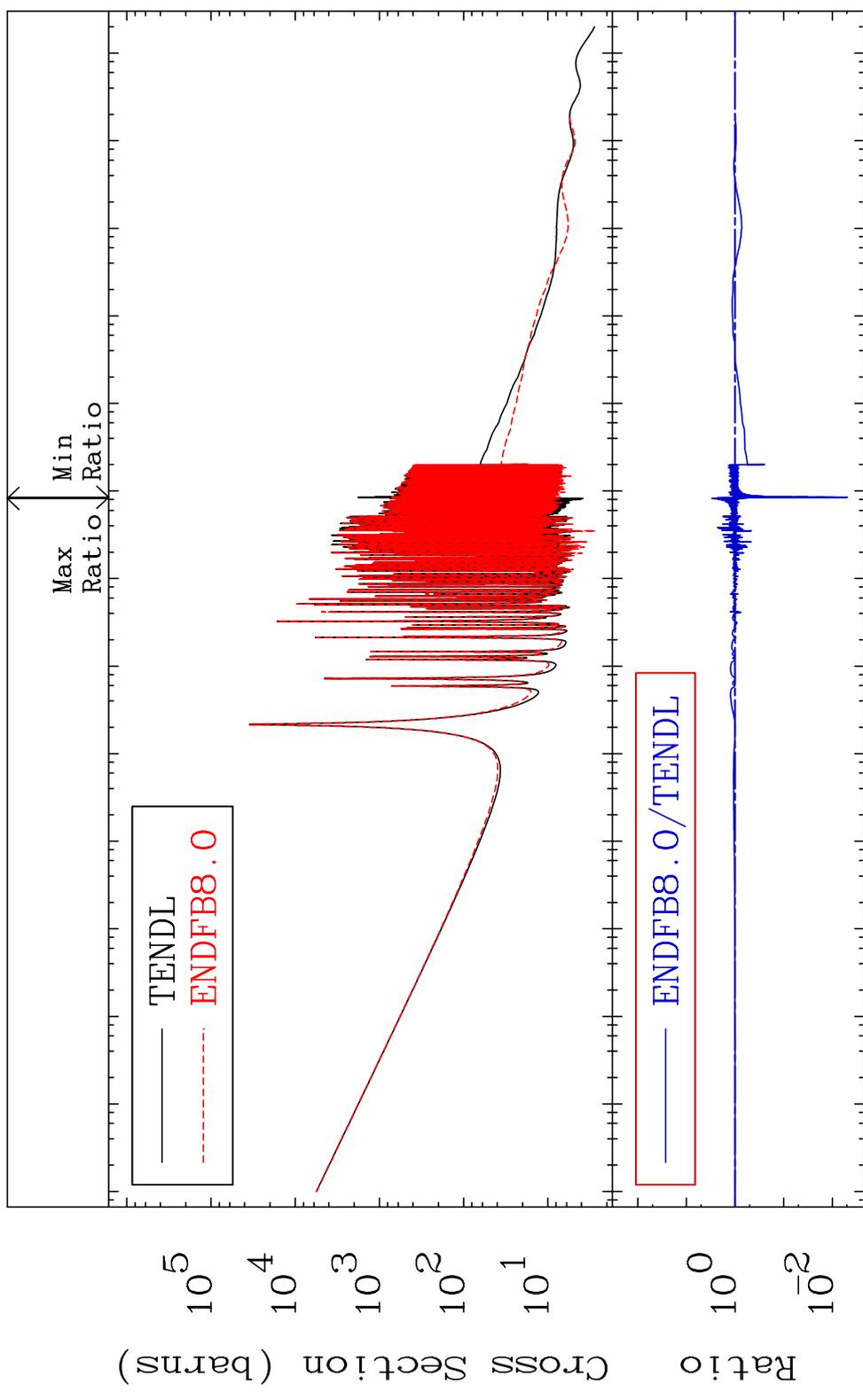
MAT 7525

Total

75-Re-185

Cross Section

-99.52 To 201.4 %



1

Incident Energy (eV)

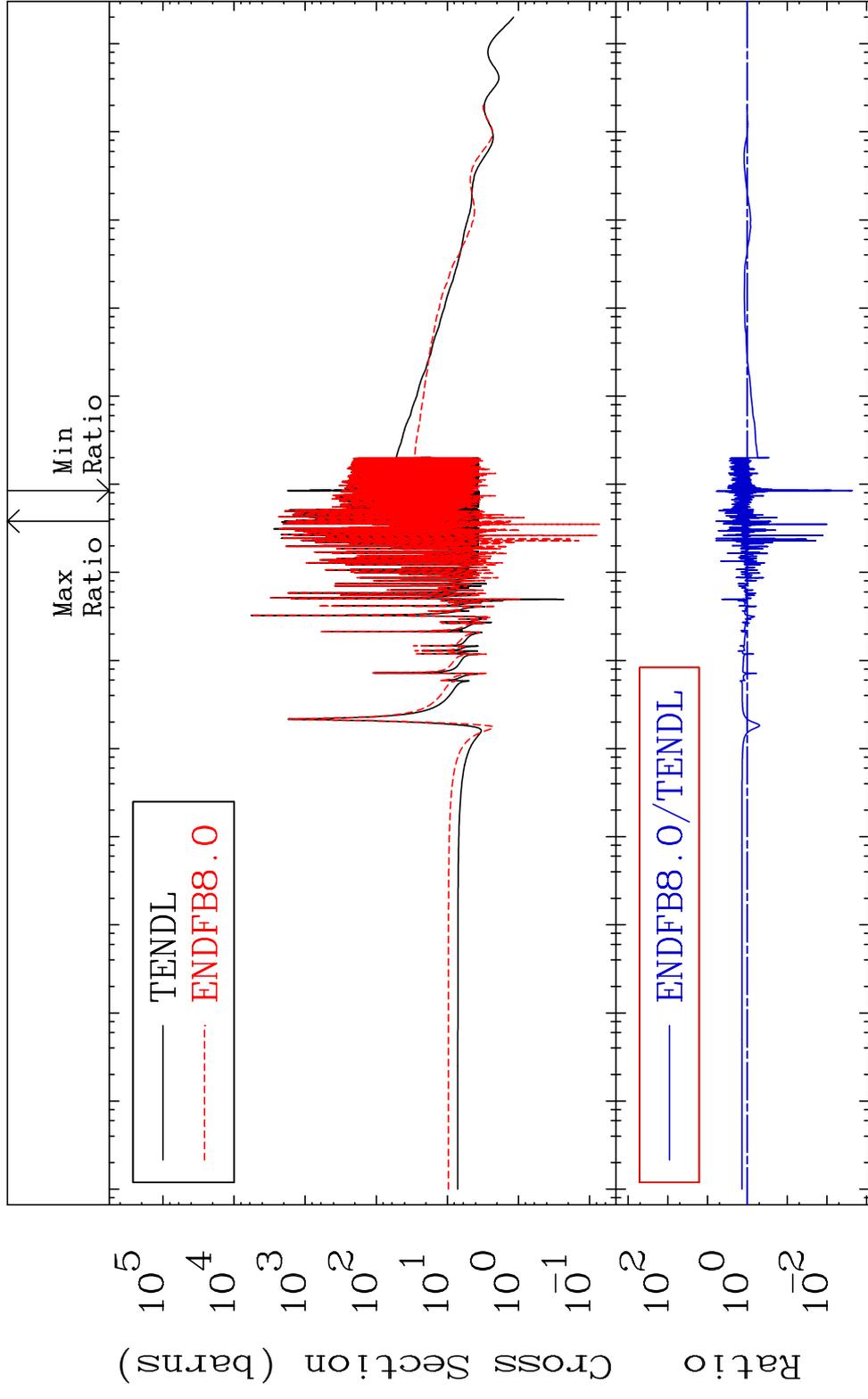
75-Re-185

MAT 7525

Elastic

75-Re-185

Cross Section -99.777 To 520.4 %



Max Ratio

Min Ratio

— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

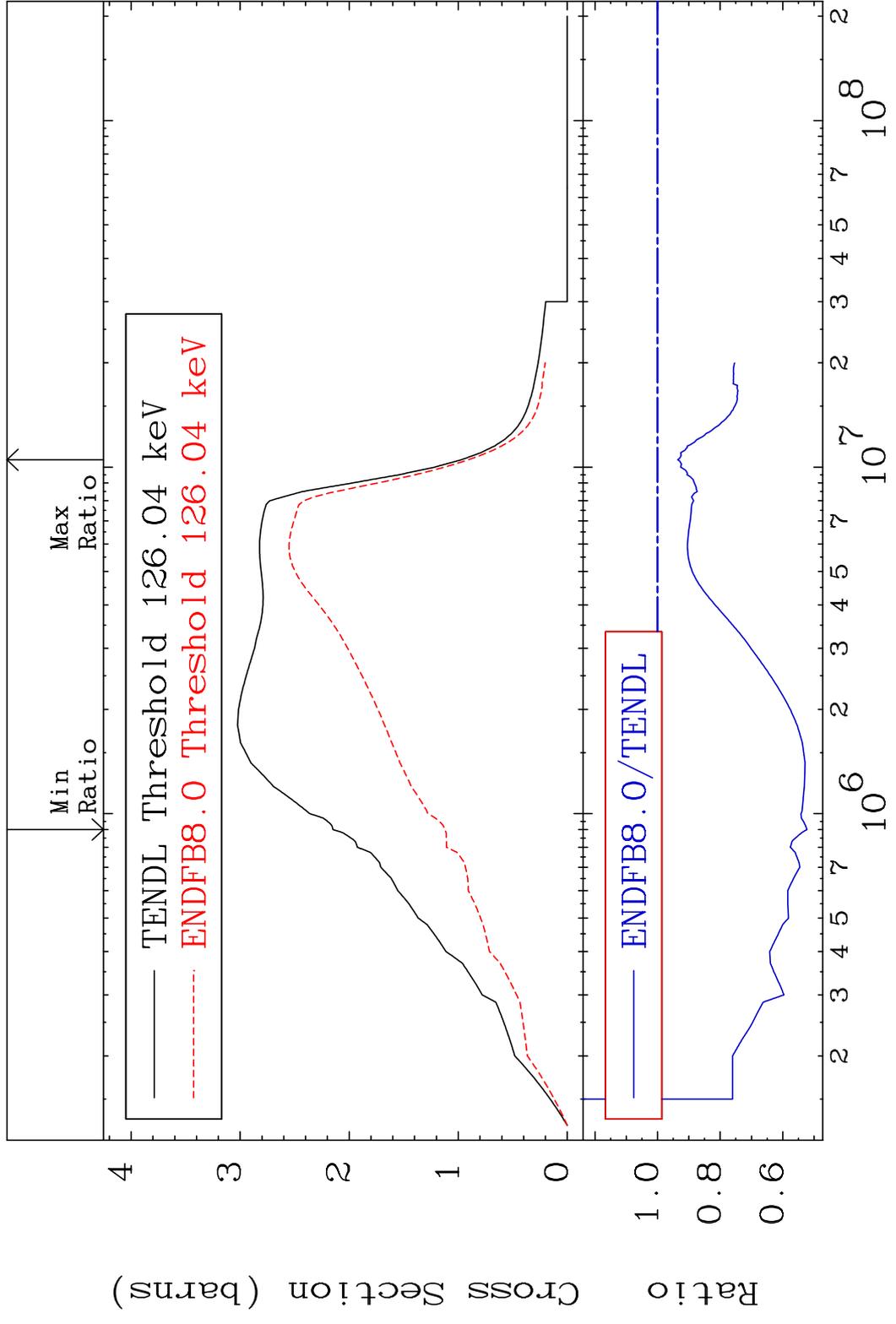
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

75-Re-185

MAT 7525 Inelastic Cross Section 75-Re-185
 -47.75 To -6.420%

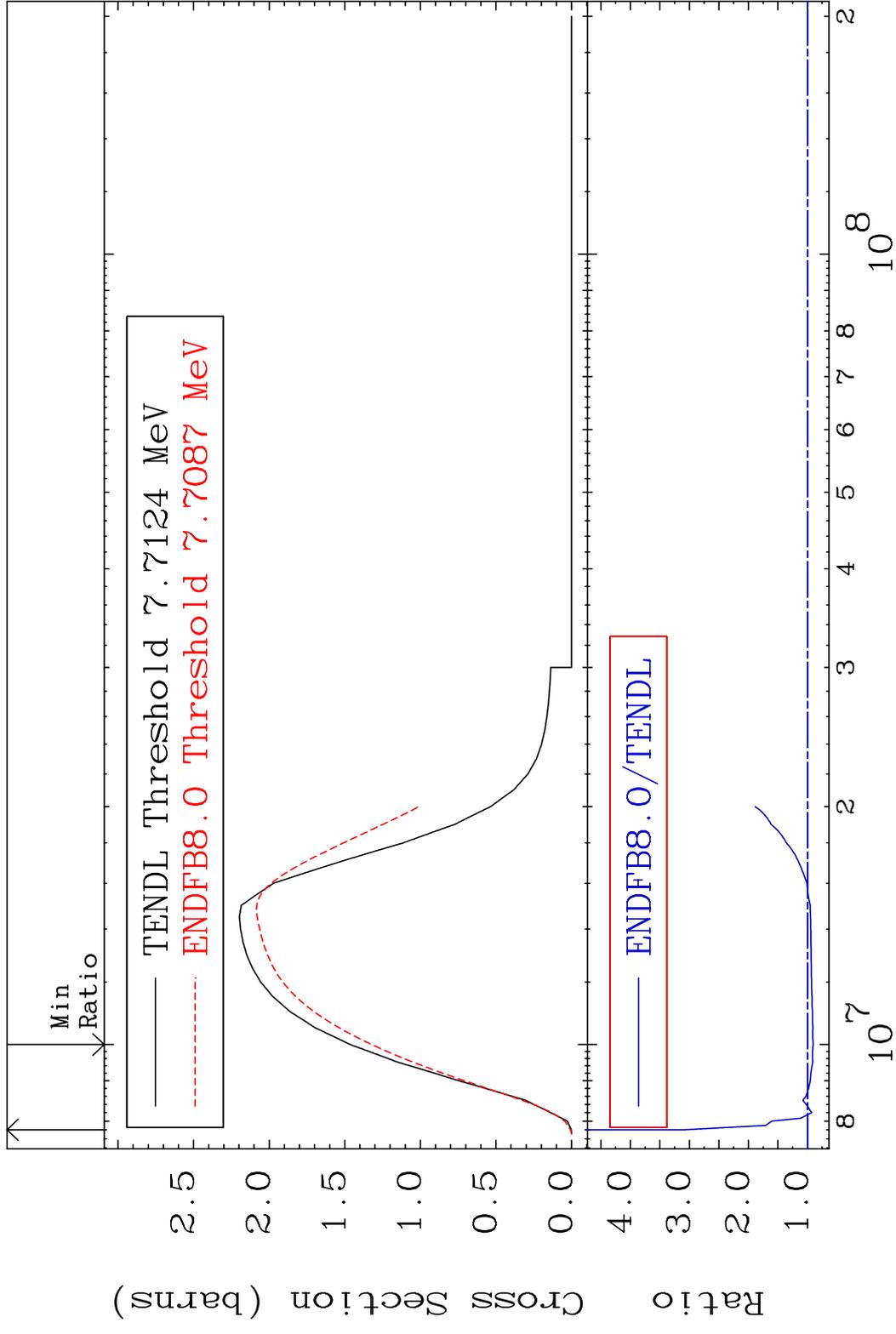


MAT 7525

(n,2n)

75-Re-185

Cross Section -9.746 To 211.1 %



4

Incident Energy (eV)

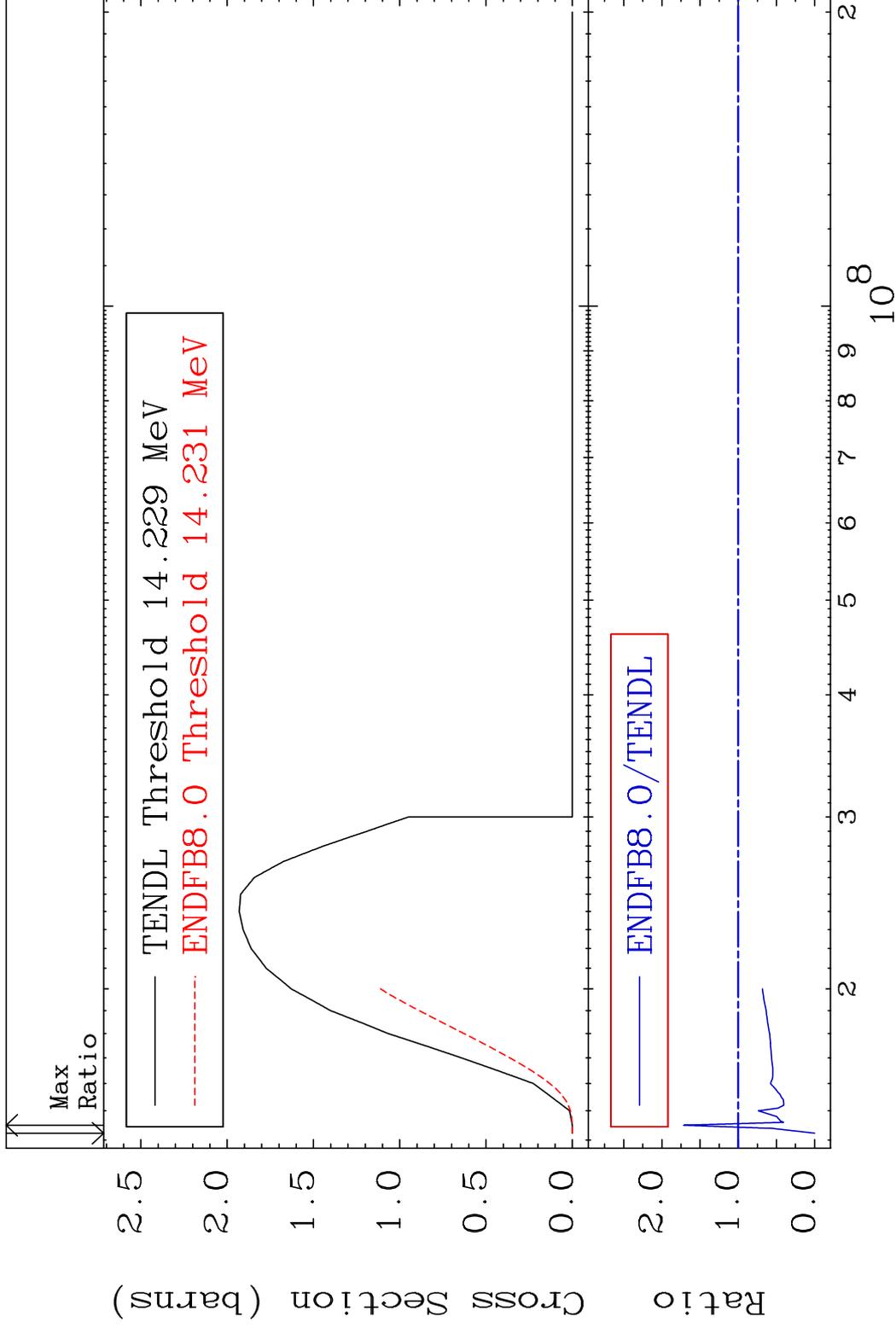
75-Re-185

MAT 7525

(n,3n)

75-Re-185

Cross Section -100.0 To 71.12 %



5

Incident Energy (eV)

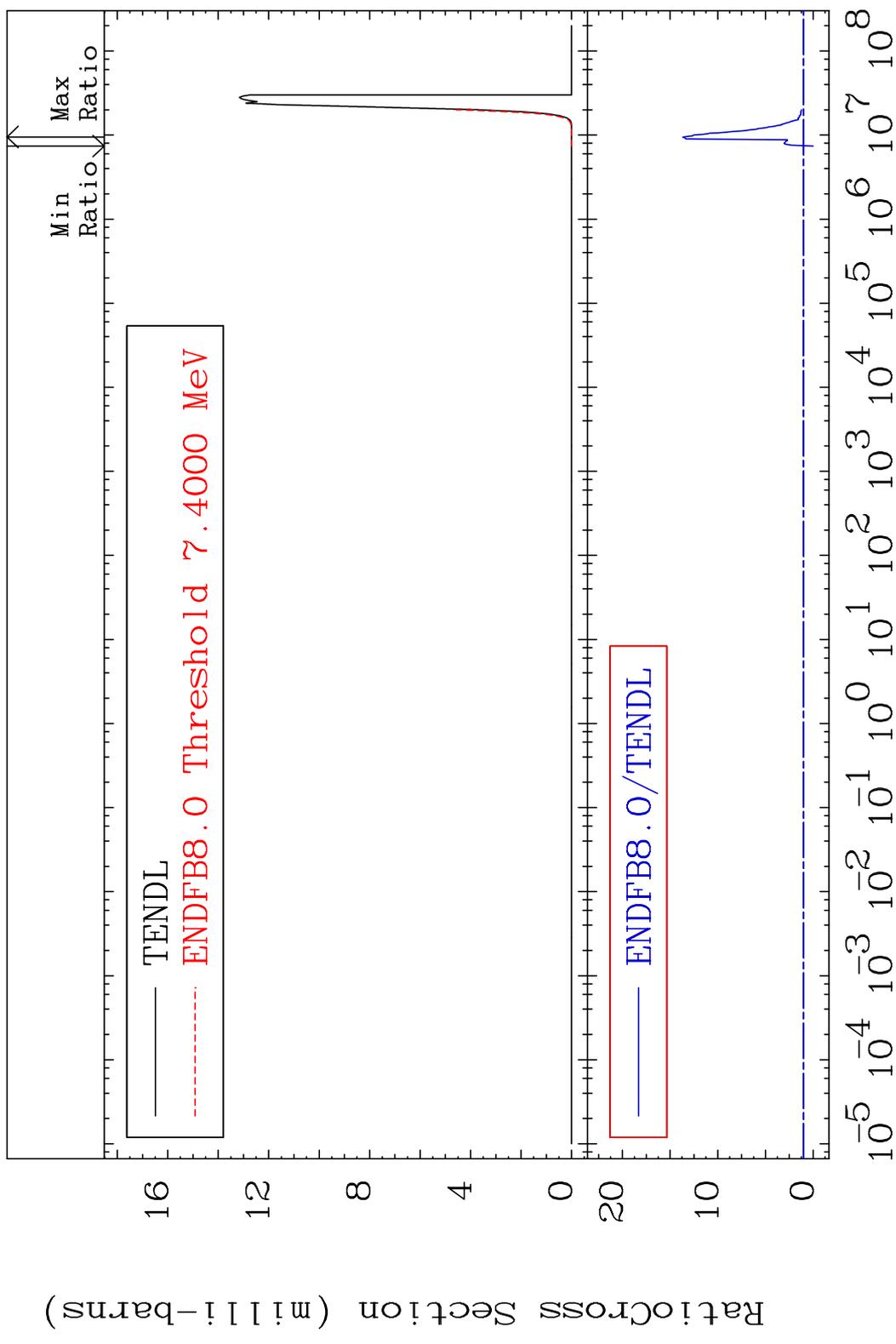
75-Re-185

MAT 7525

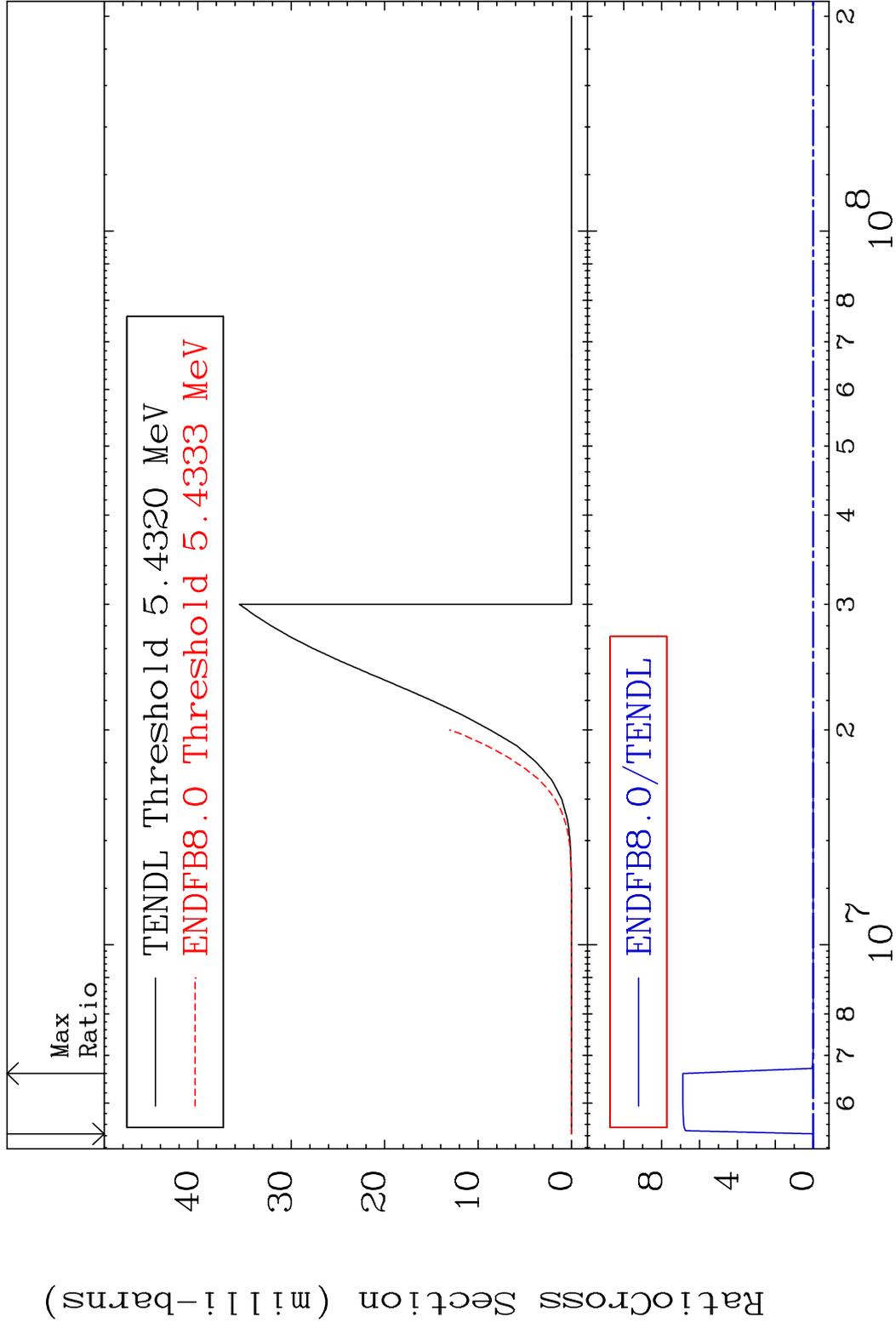
(n, n') α

75-Re-185

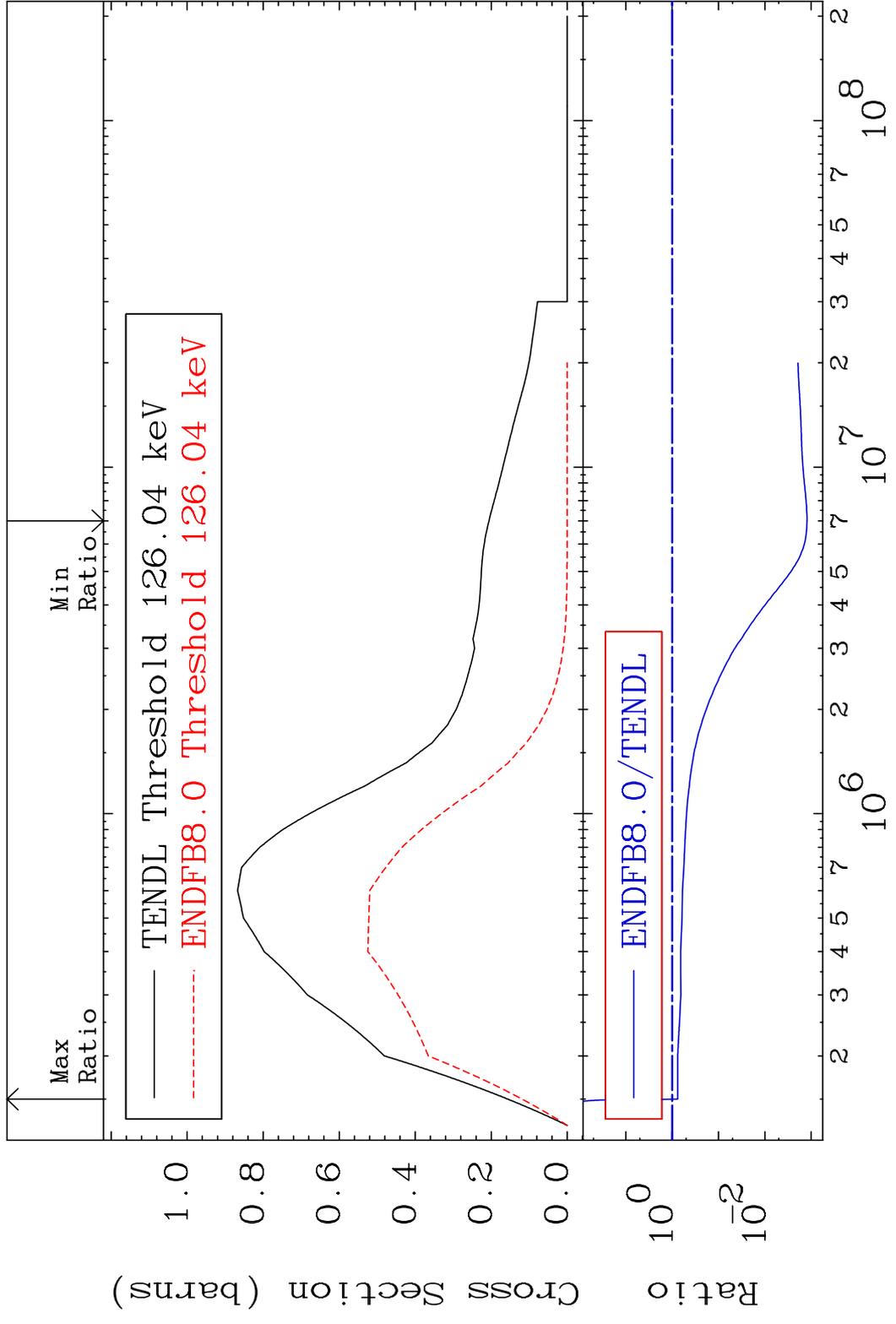
Cross Section -100.0 To 1267. %



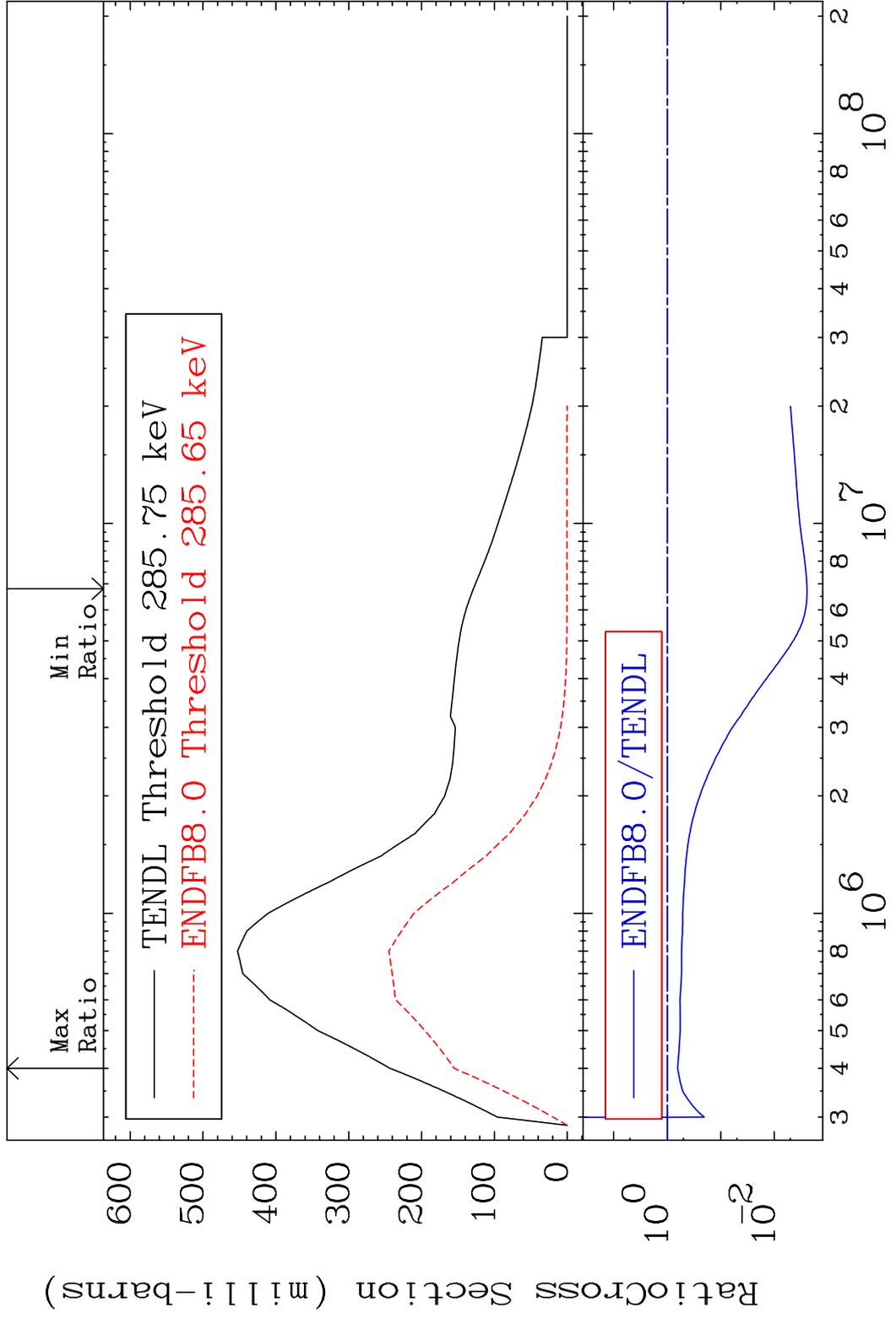
MAT 7525 (n, n') p 75-Re-185
 Cross Section -100.0 To 9999. %



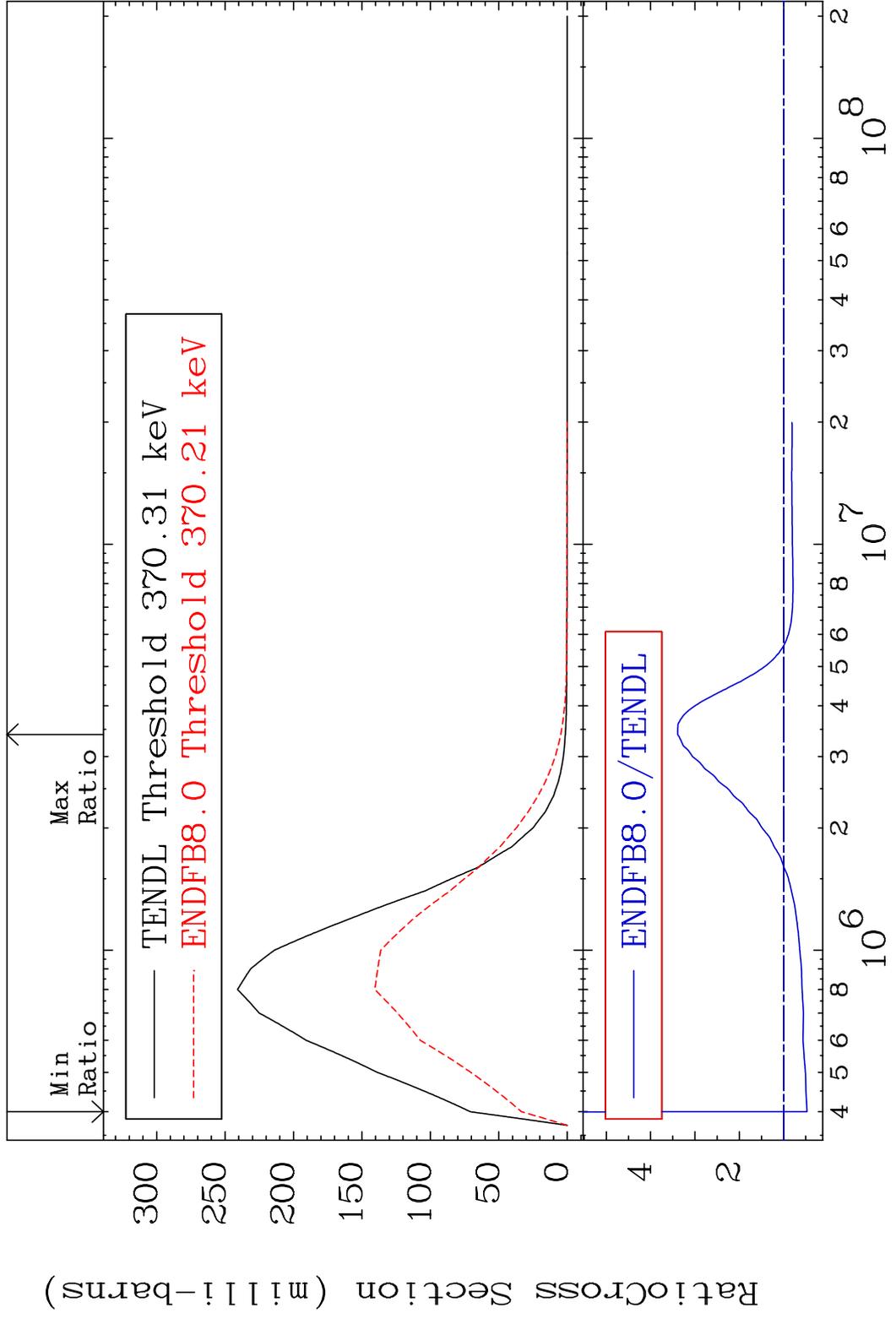
MAT 7525 MT= 51 (n, n') Level 75-Re-185
 Cross Section -99.88 To -23.98%



MAT 7525 MT= 52 (n, n') Level 75-Re-185
 Cross Section -99.76 To -36.25%

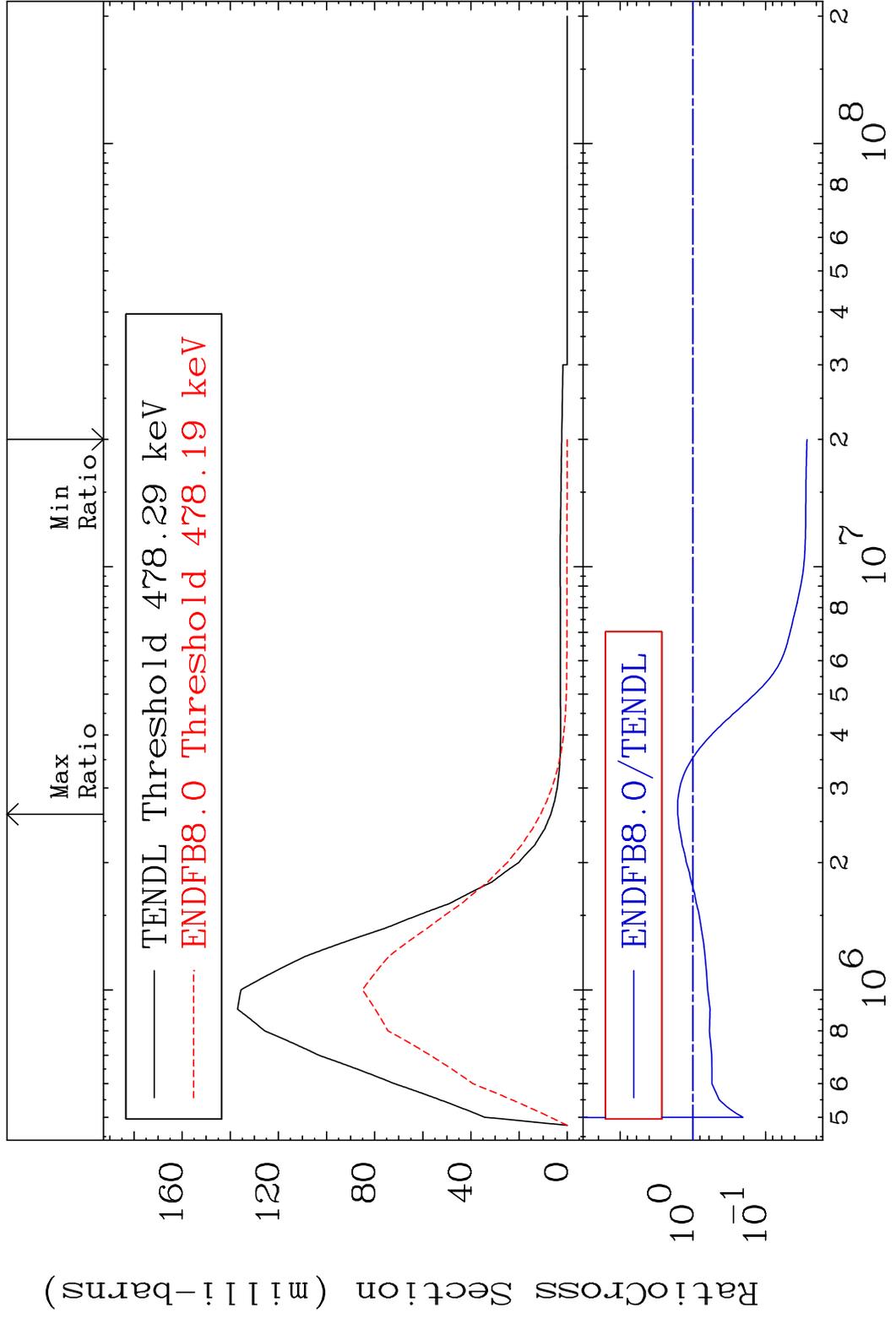


MAT 7525 MT= 53 (n, n') Level 75-Re-185
 Cross Section -52.75 To 239.0 %

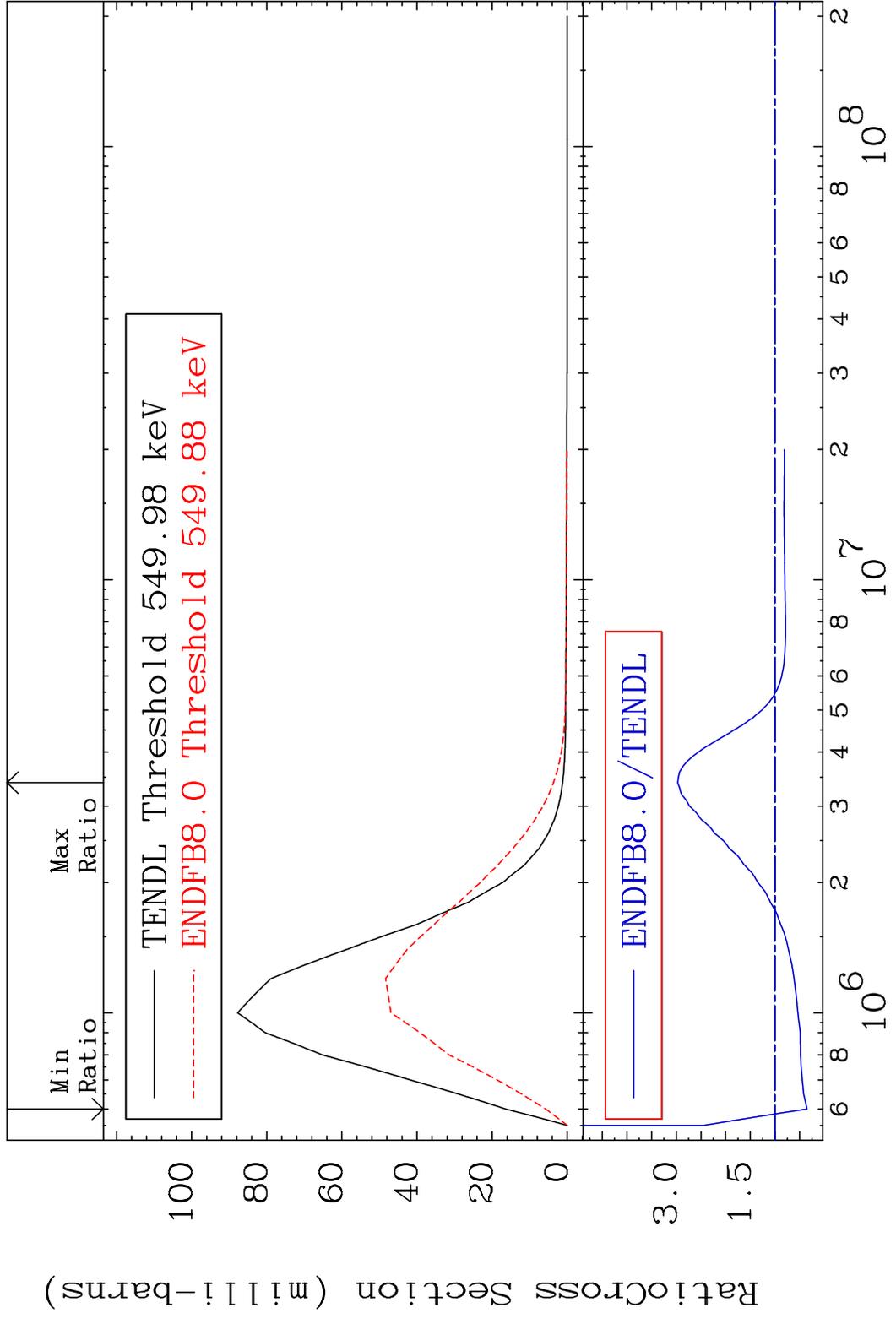


10 Incident Energy (eV) 75-Re-185

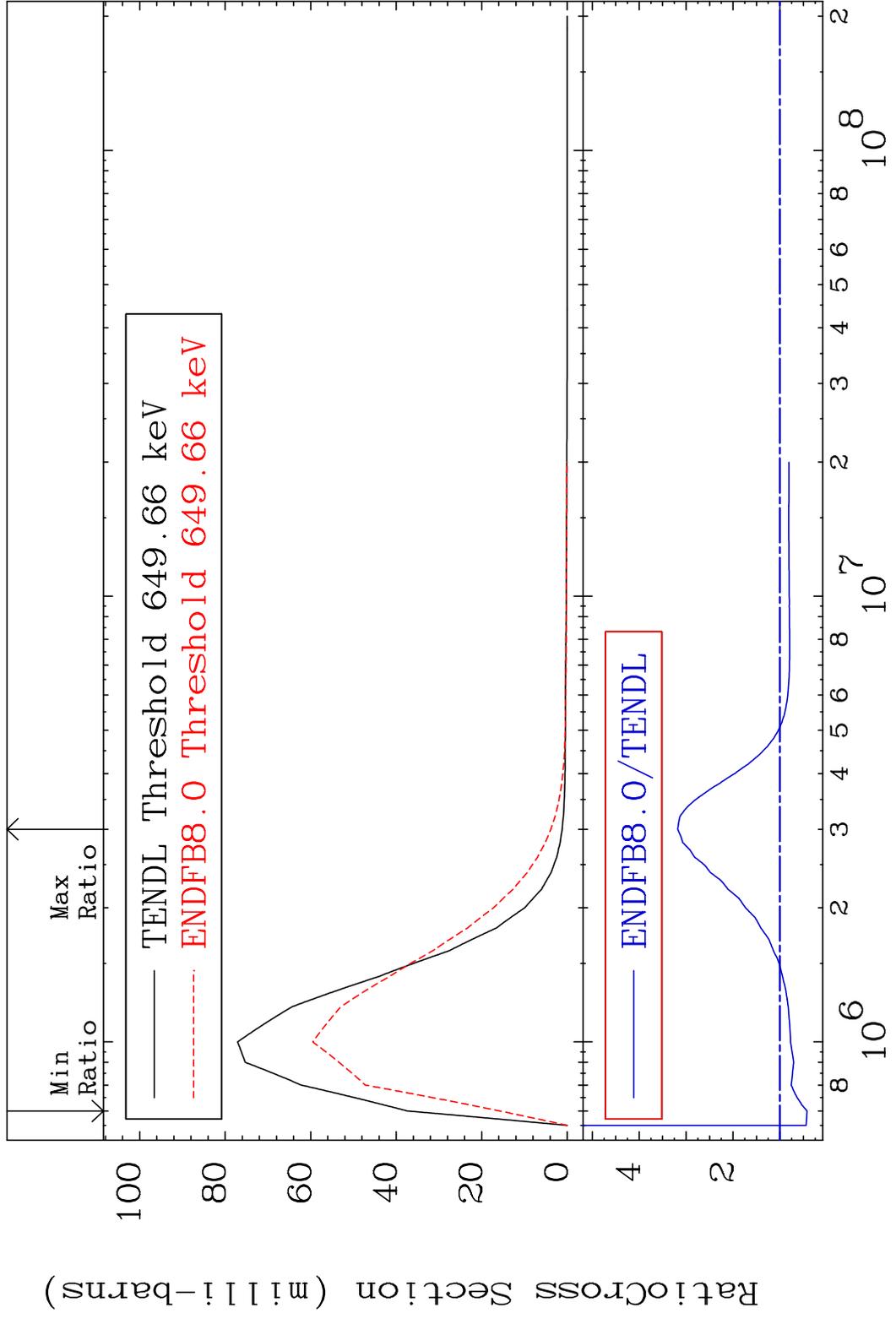
MAT 7525 MT= 54 (n, n') Level 75-Re-185
 Cross Section -97.31 To 62.24 %



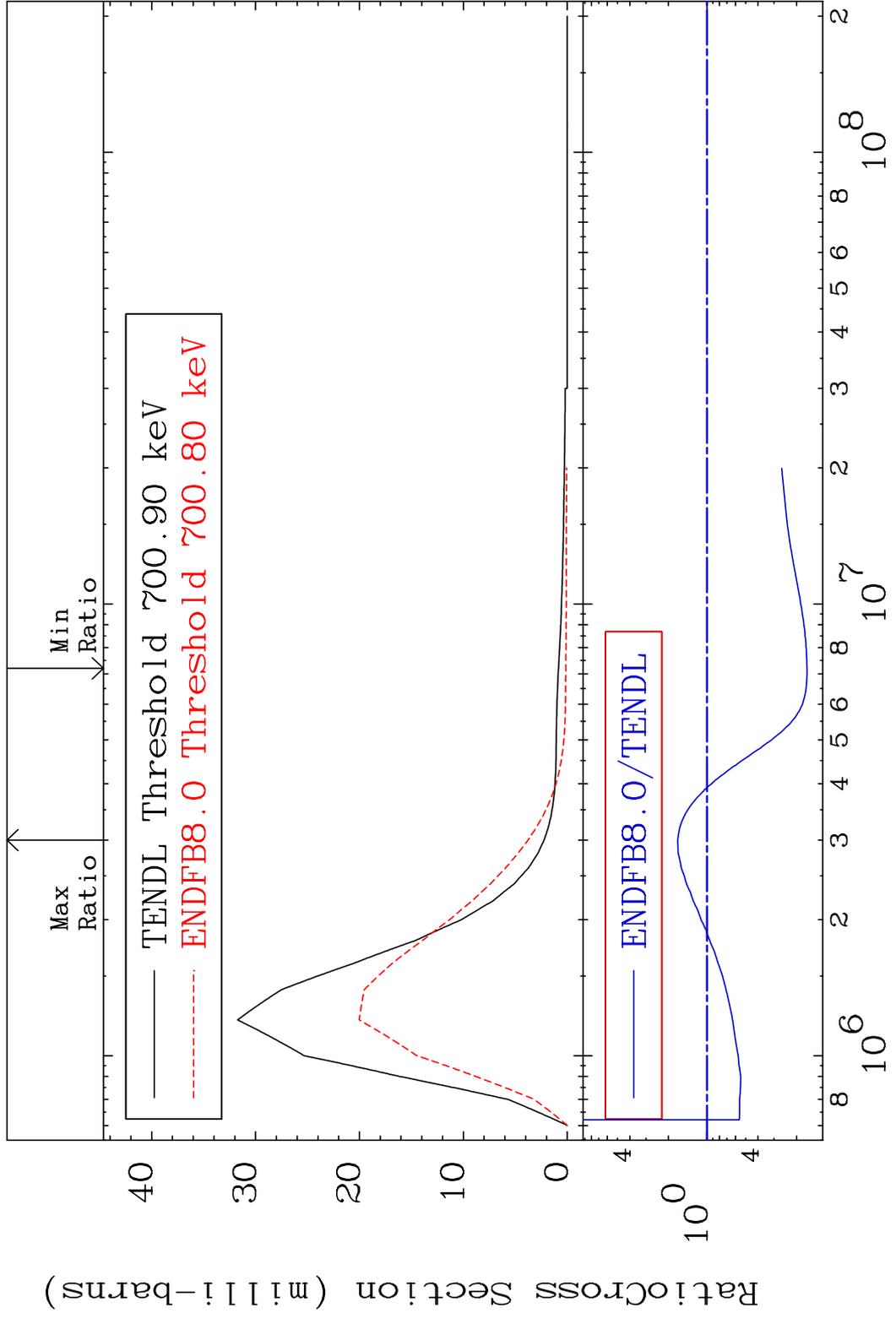
MAT 7525 MT= 55 (n,n') Level 75-Re-185
 Cross Section -64.89 To 197.1 %



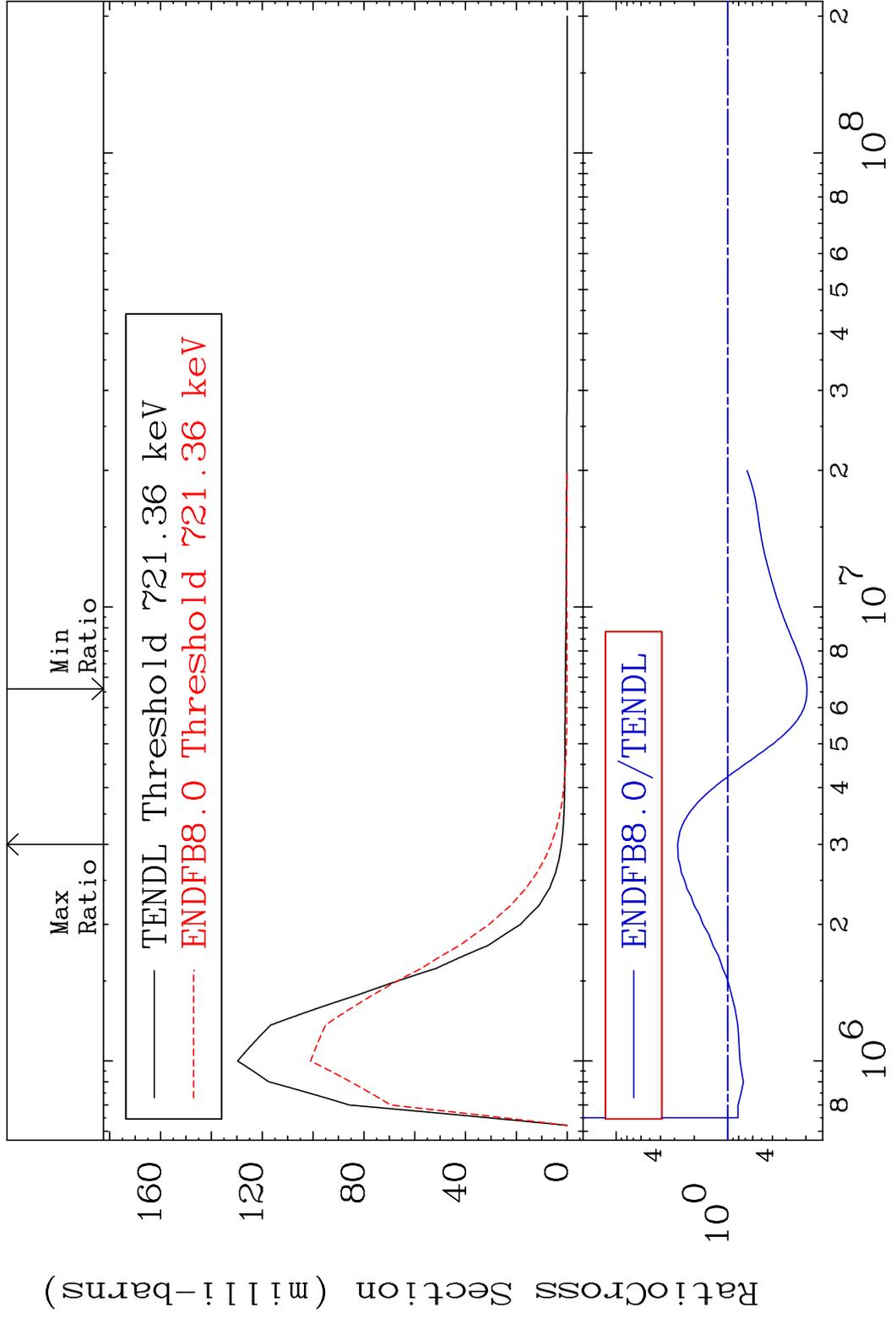
MAT 7525 MT= 56 (n,n') Level 75-Re-185
 Cross Section -57.71 To 217.9 %



MAT 7525 MT= 57 (n, n') Level 75-Re-185
 Cross Section -83.43 To 69.43 %

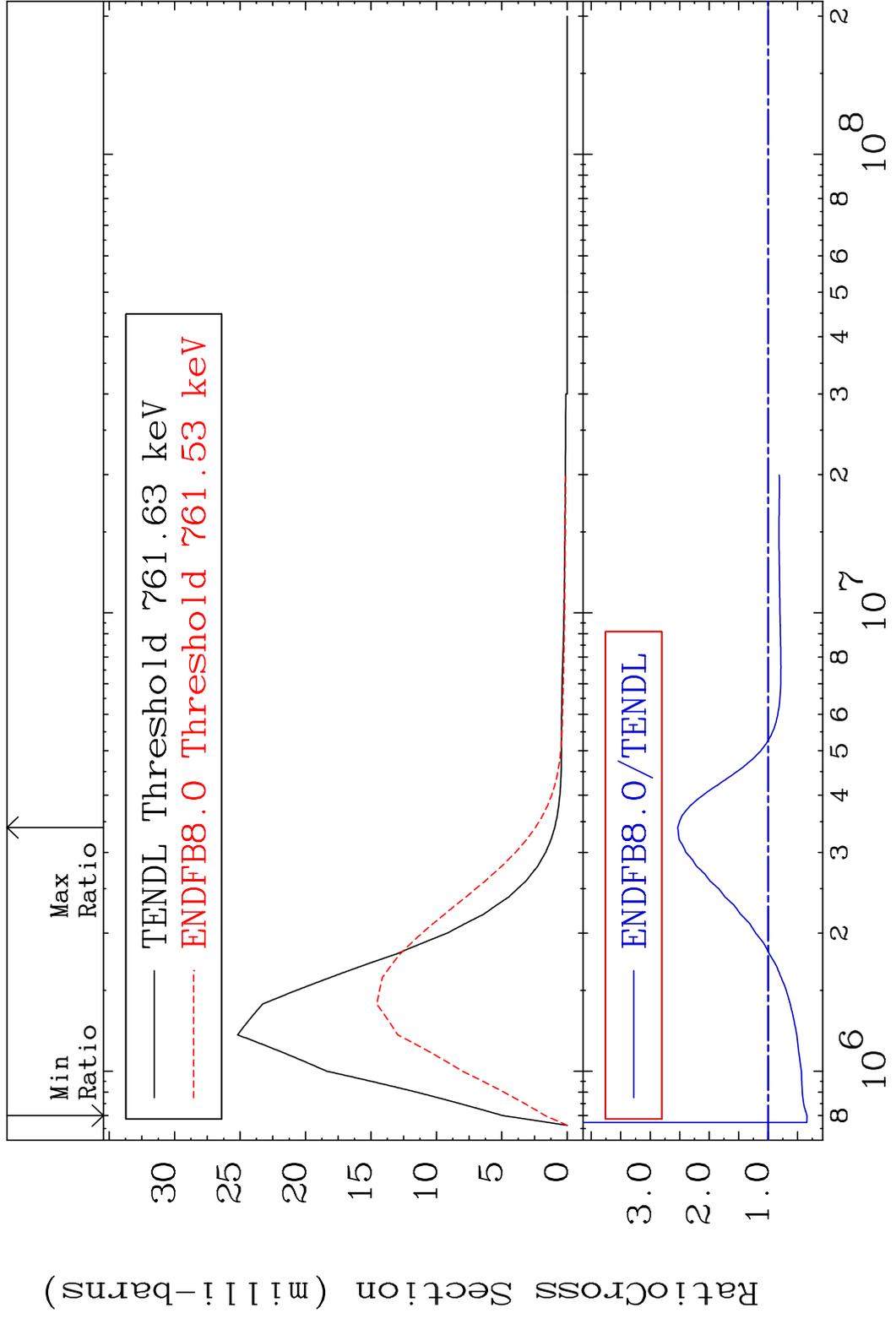


MAT 7525 MT= 58 (n, n') Level 75-Re-185
 Cross Section -80.41 To 181.3 %

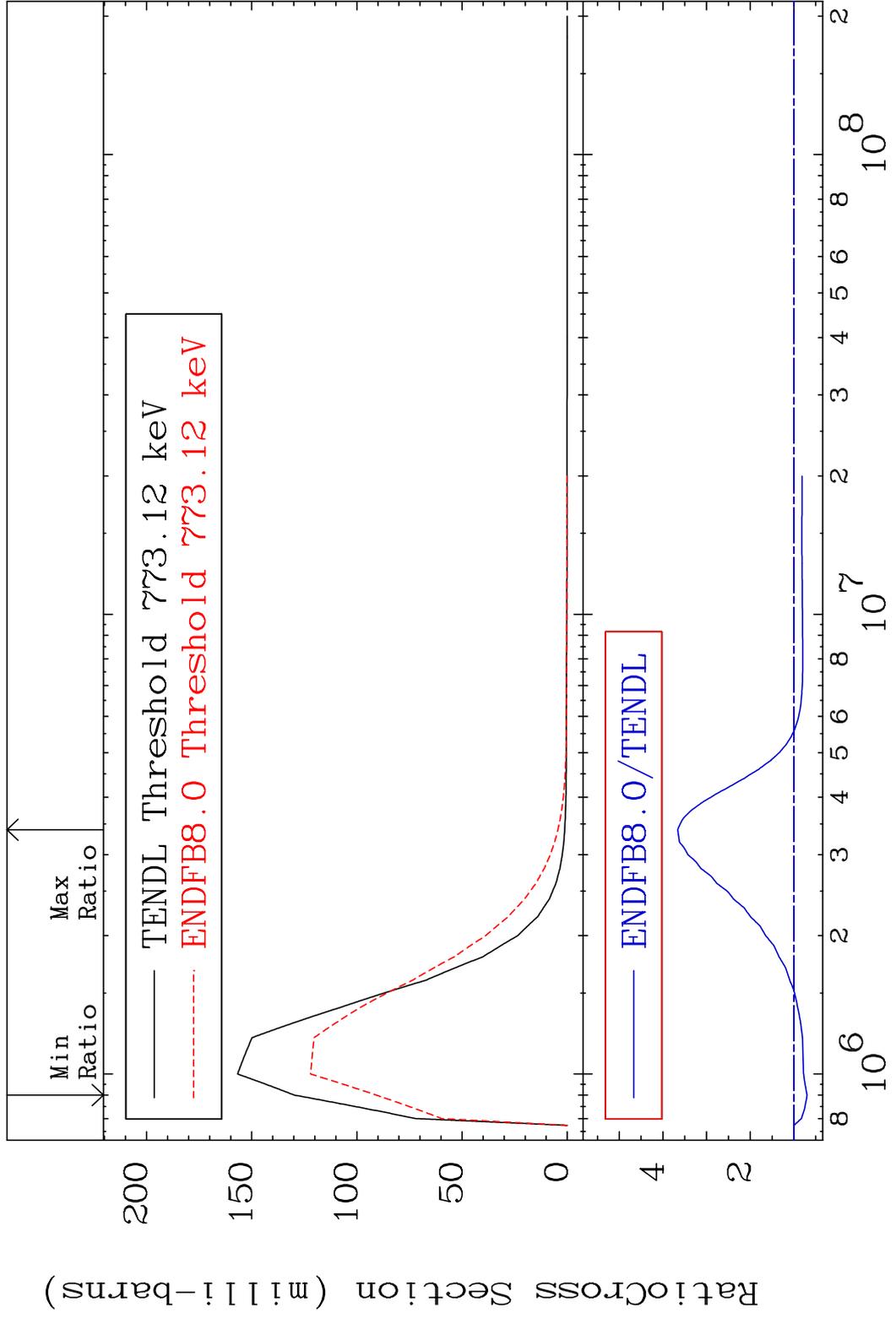


15 Incident Energy (eV) 75-Re-185

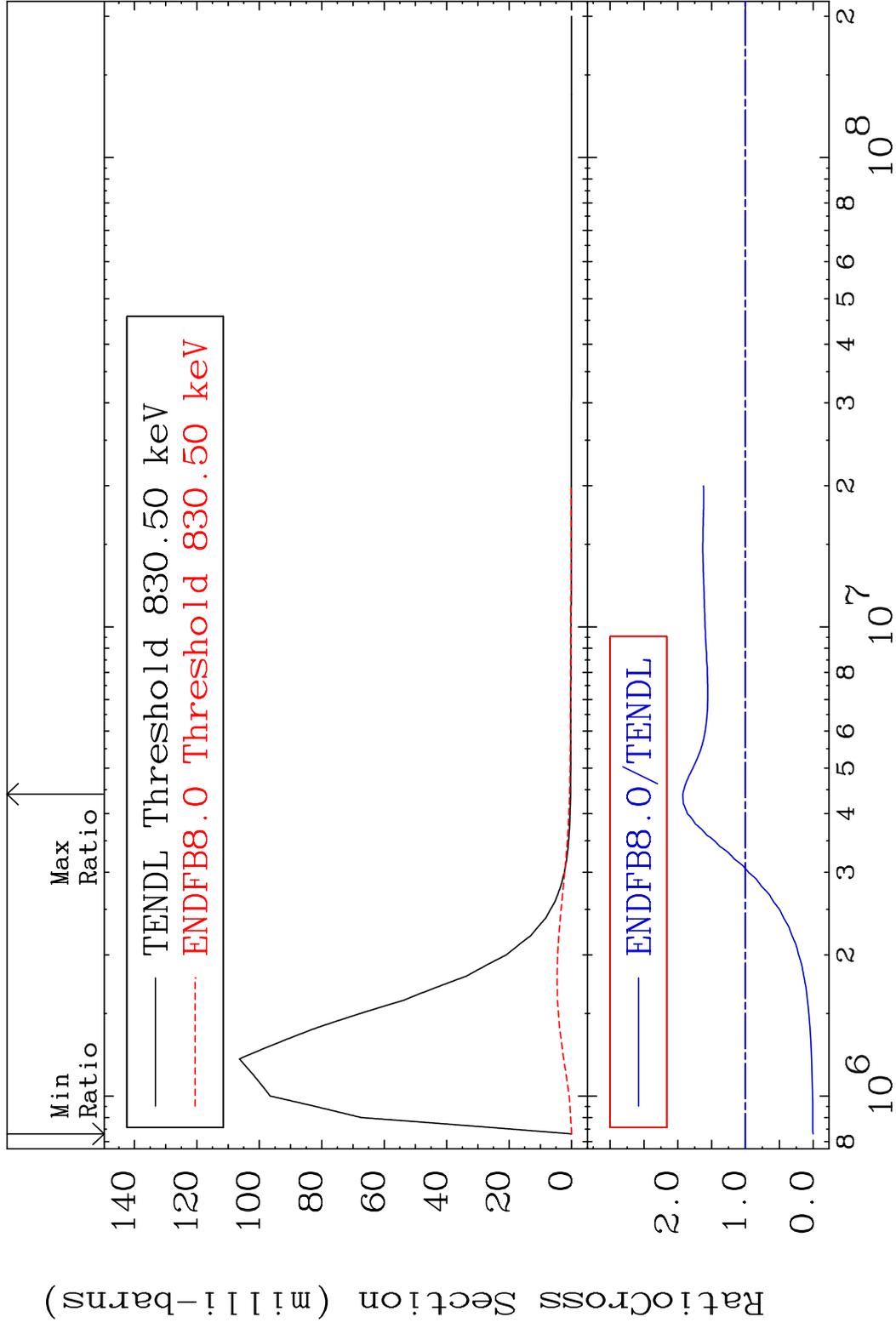
MAT 7525 MT= 59 (n,n') Level 75-Re-185
 Cross Section -65.89 To 153.4 %



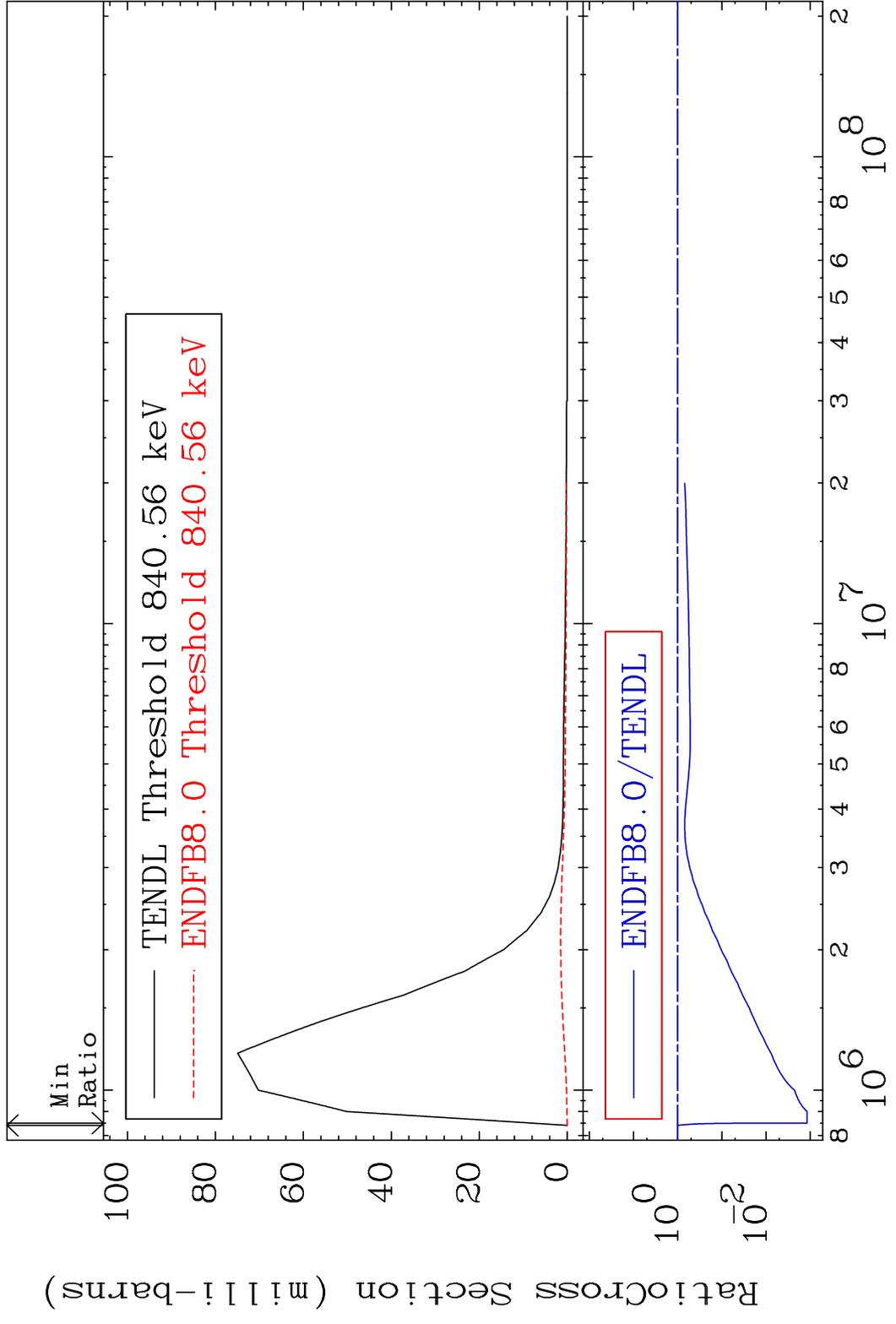
MAT 7525 MT= 60 (n, n') Level 75-Re-185
 Cross Section -30.05 To 266.2 %



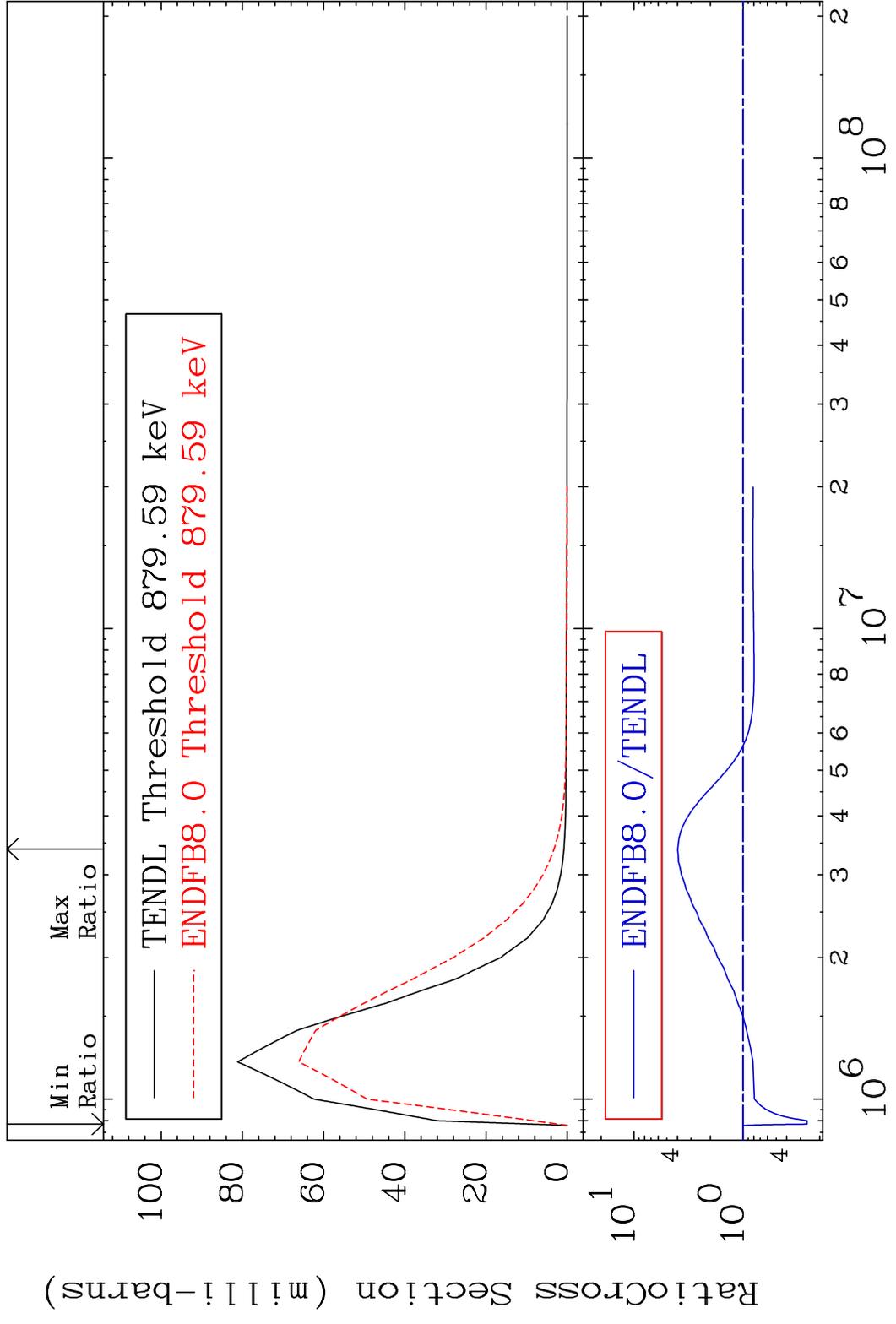
MAT 7525 MT= 61 (n, n') Level 75-Re-185
 Cross Section -100.0 To 92.58 %



MAT 7525 MT= 62 (n, n') Level 75-Re-185
 Cross Section -99.88 To 0.000 %

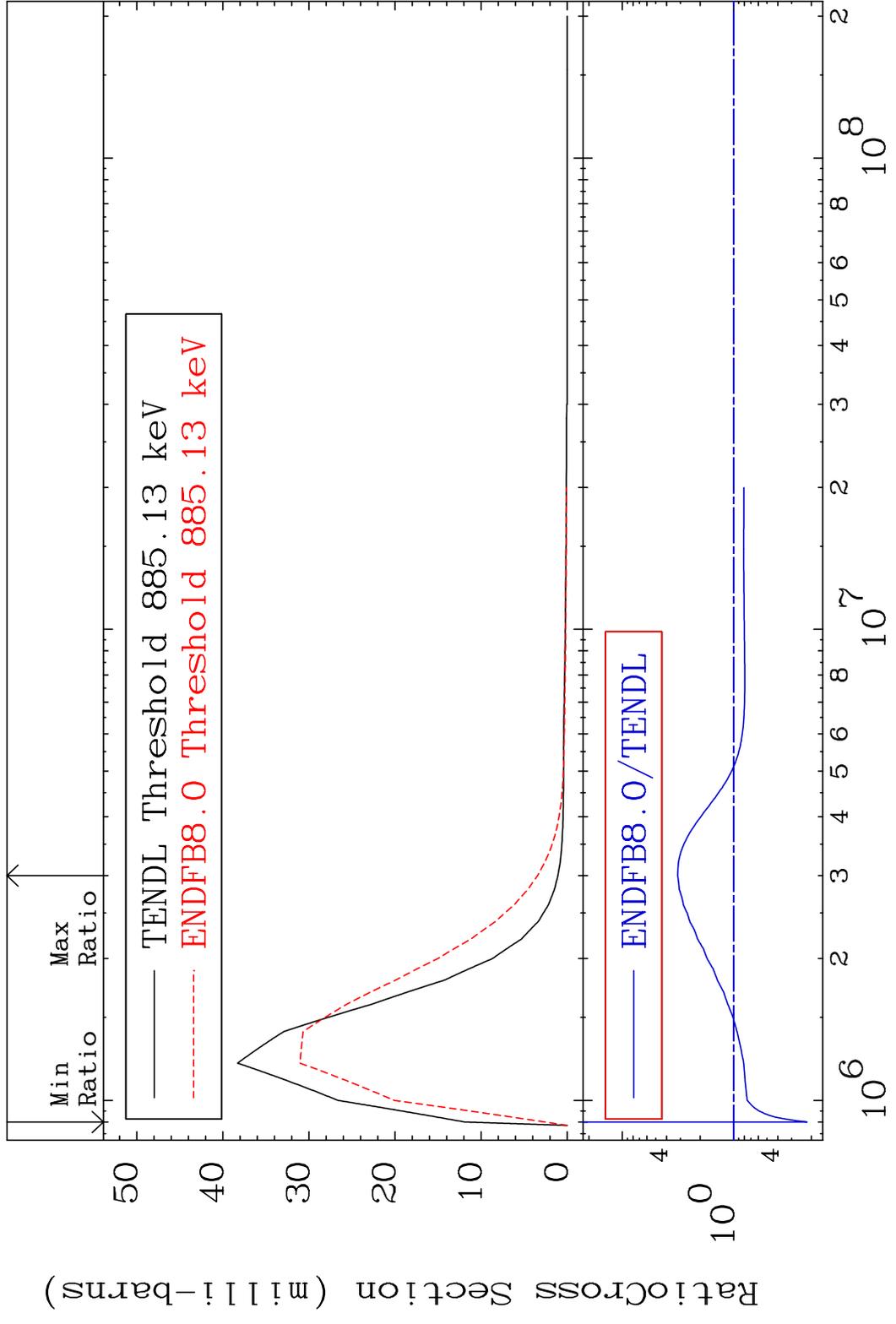


MAT 7525 MT= 63 (n,n') Level 75-Re-185
 Cross Section -73.90 To 298.5 %

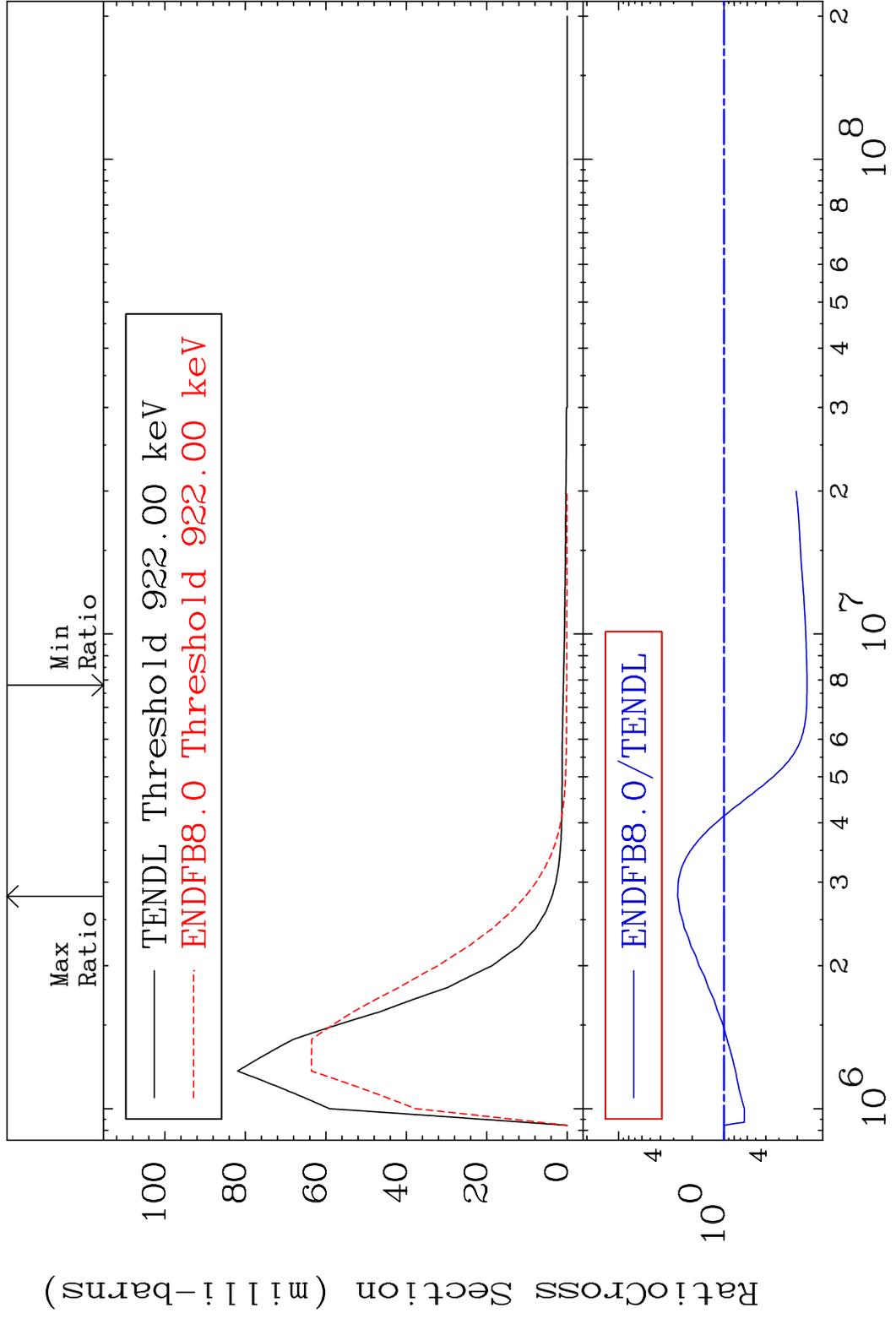


20 Incident Energy (eV) 75-Re-185

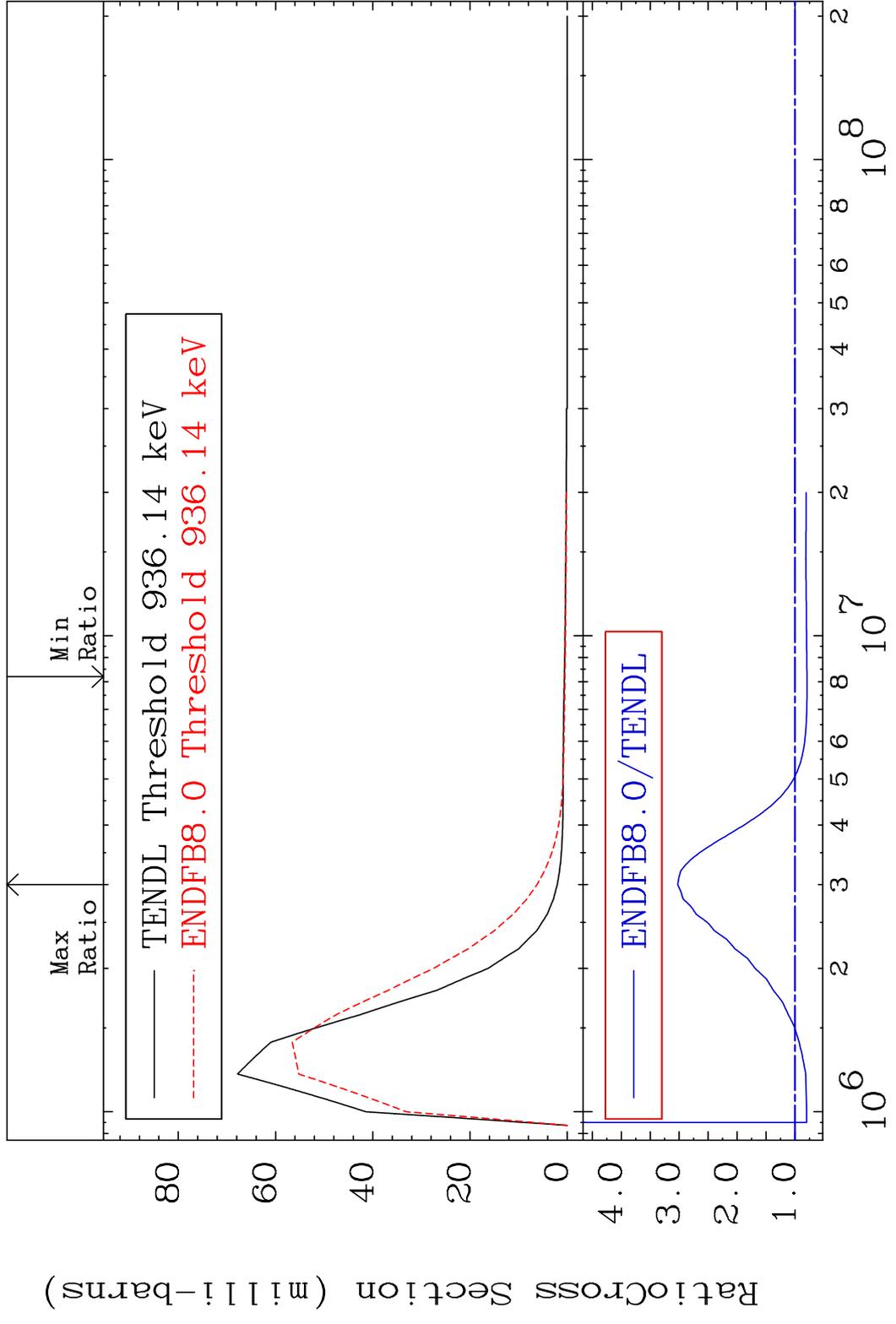
MAT 7525 MT= 64 (n,n') Level 75-Re-185
 Cross Section -78.13 To 217.9 %



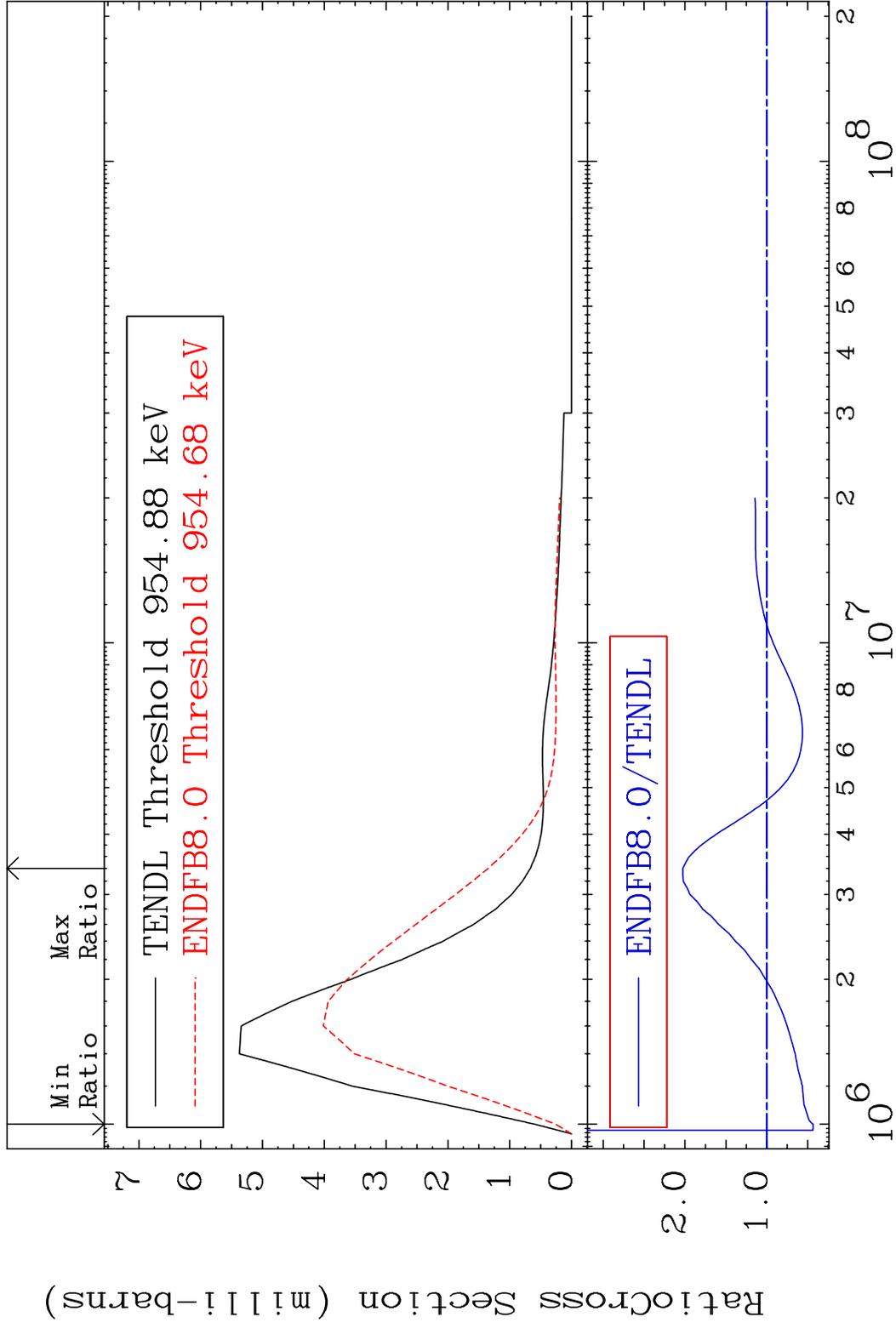
MAT 7525 MT= 65 (n, n') Level 75-Re-185
 Cross Section -83.78 To 174.7 %



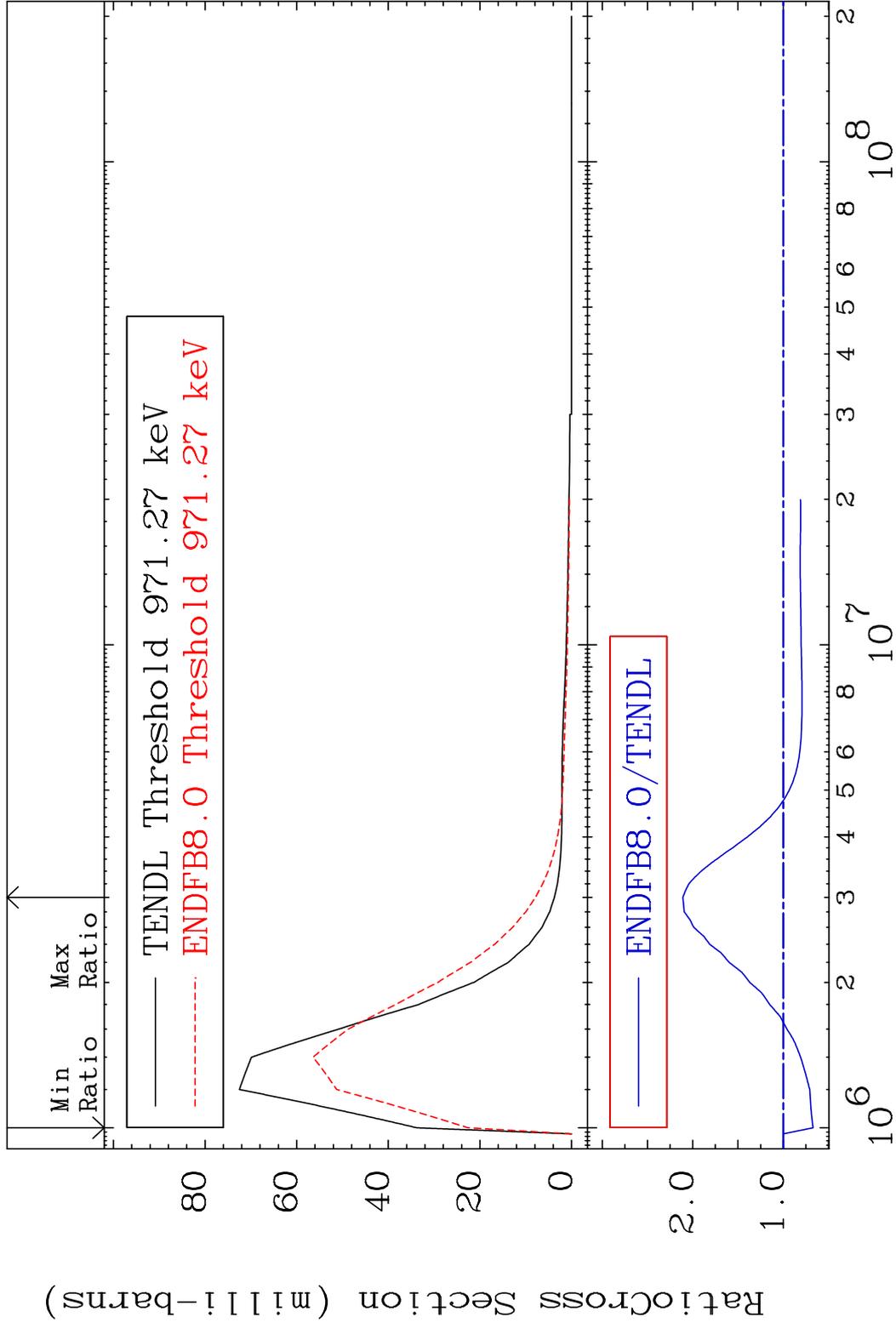
MAT 7525 MT= 66 (n, n') Level 75-Re-185
 Cross Section -20.71 To 202.6 %



MAT 7525 MT= 67 (n,n') Level 75-Re-185
 Cross Section -56.61 To 102.6 %

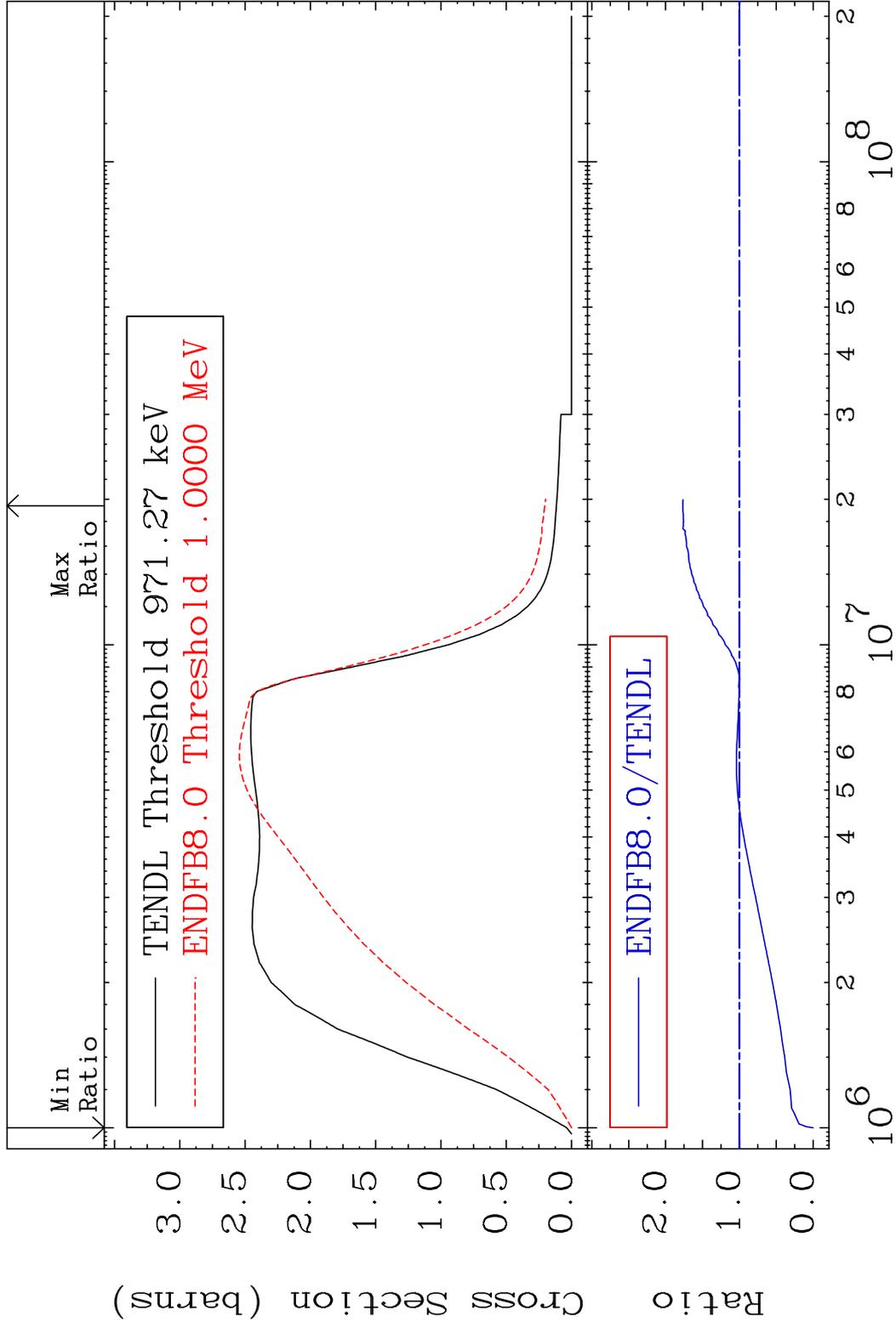


MAT 7525 MT= 68 (n, n') Level 75-Re-185
 Cross Section -33.07 To 111.0 %



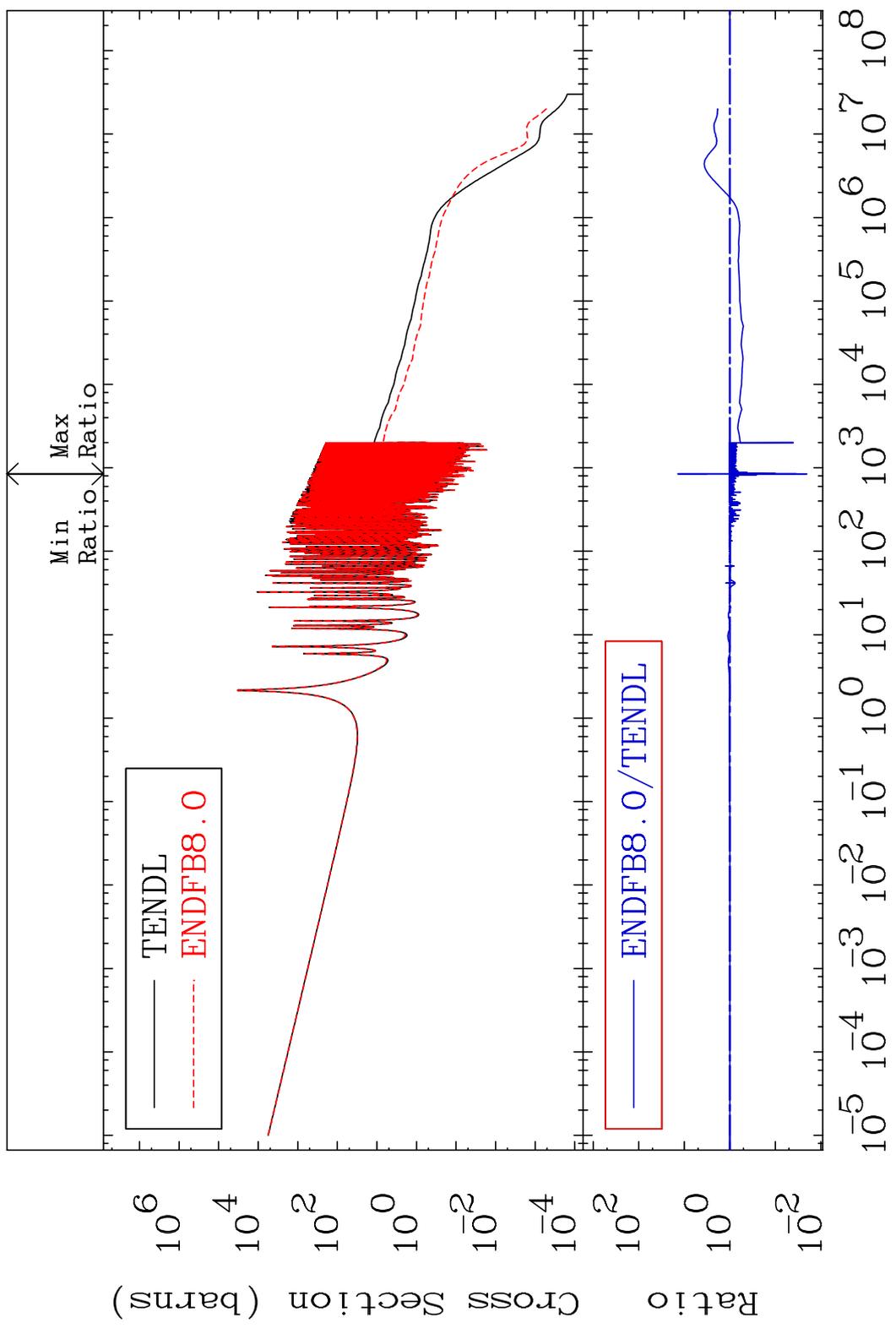
25

MAT 7525 (n, n') Continuum 75-Re-185
 Cross Section -100.0 To 76.67 %



MAT 7525

(n, γ)
Cross Section -97.99 To 1298. %
75-Re-185

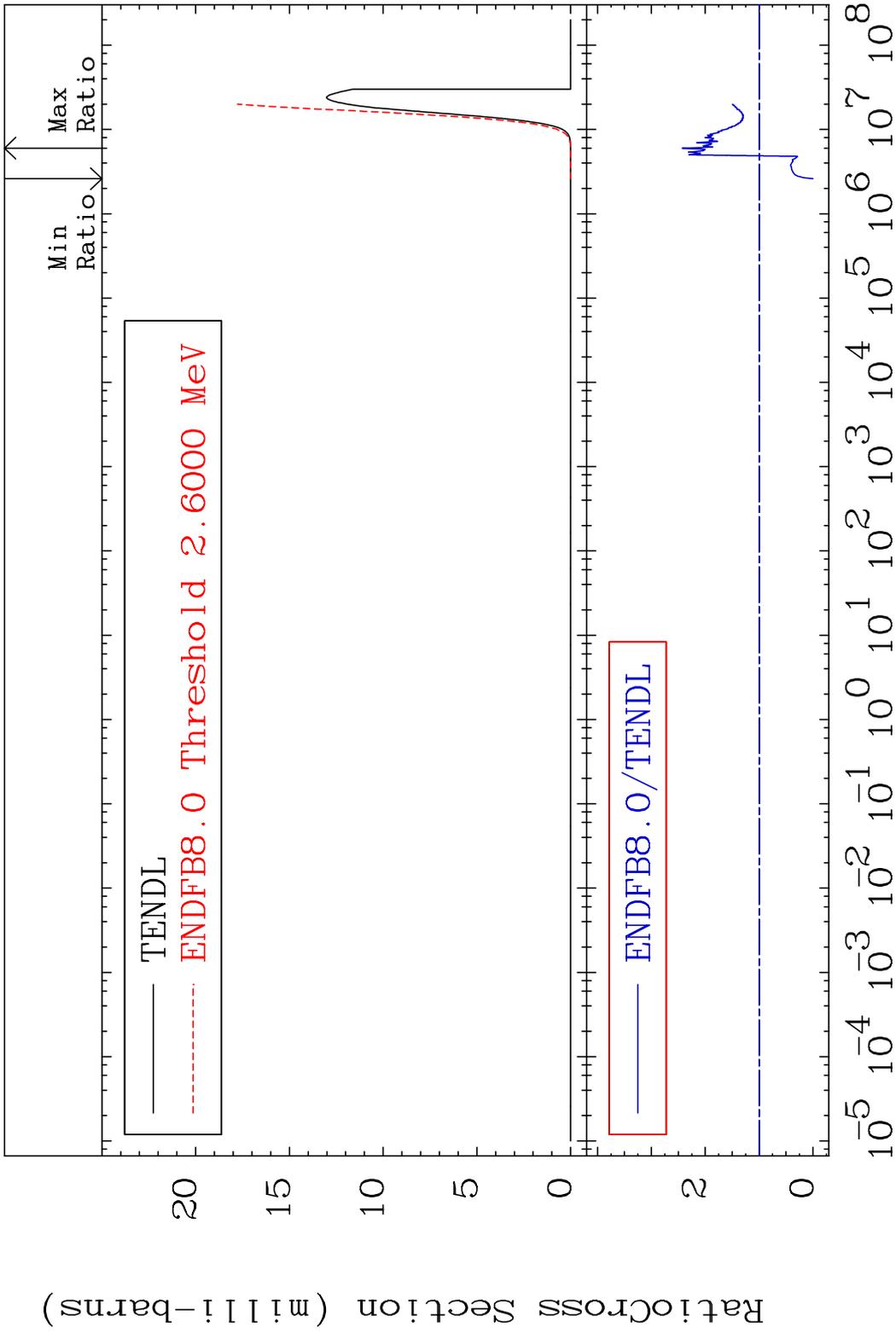


MAT 7525

(n, p)

75-Re-185

Cross Section -100.0 To 142.7 %

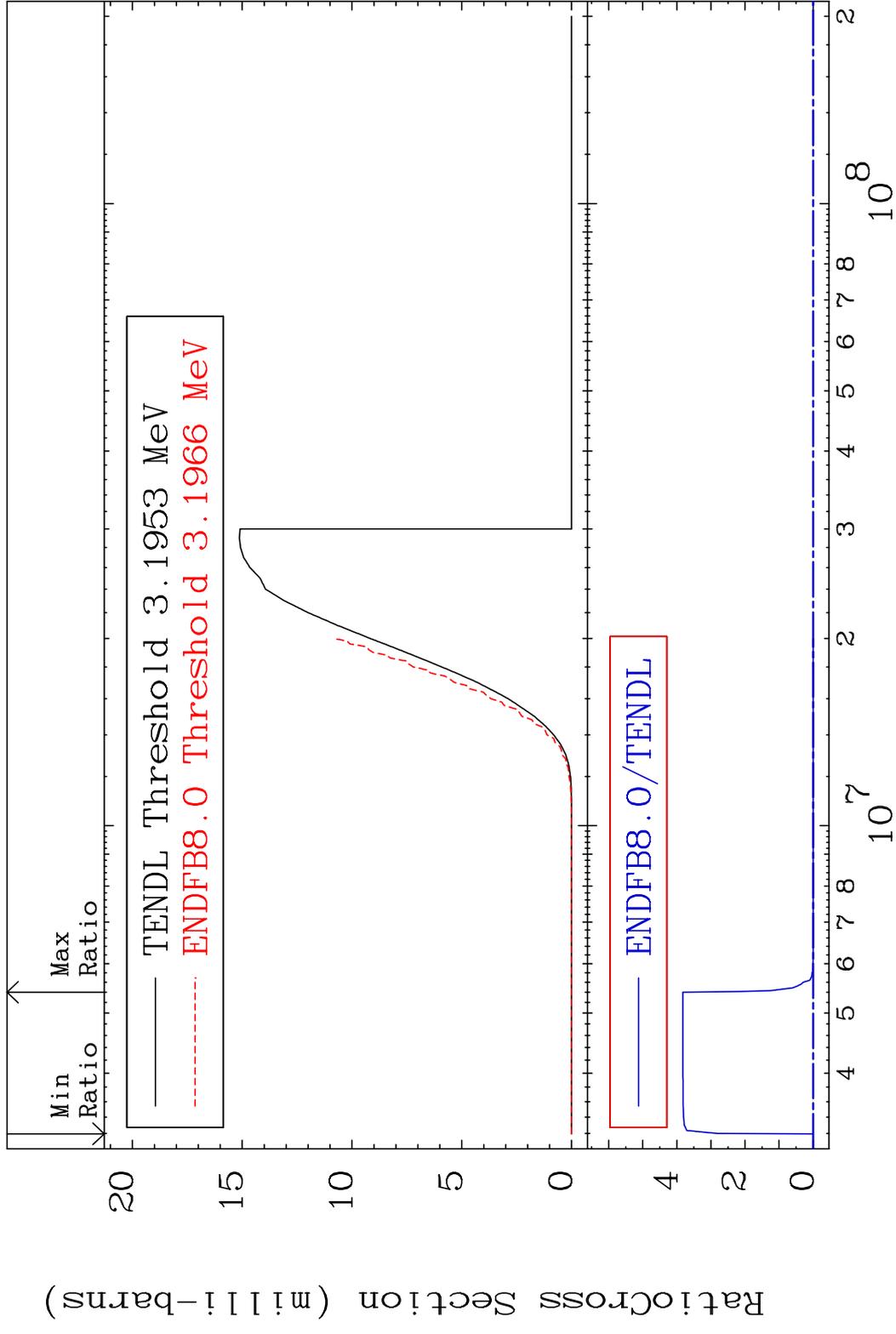


28

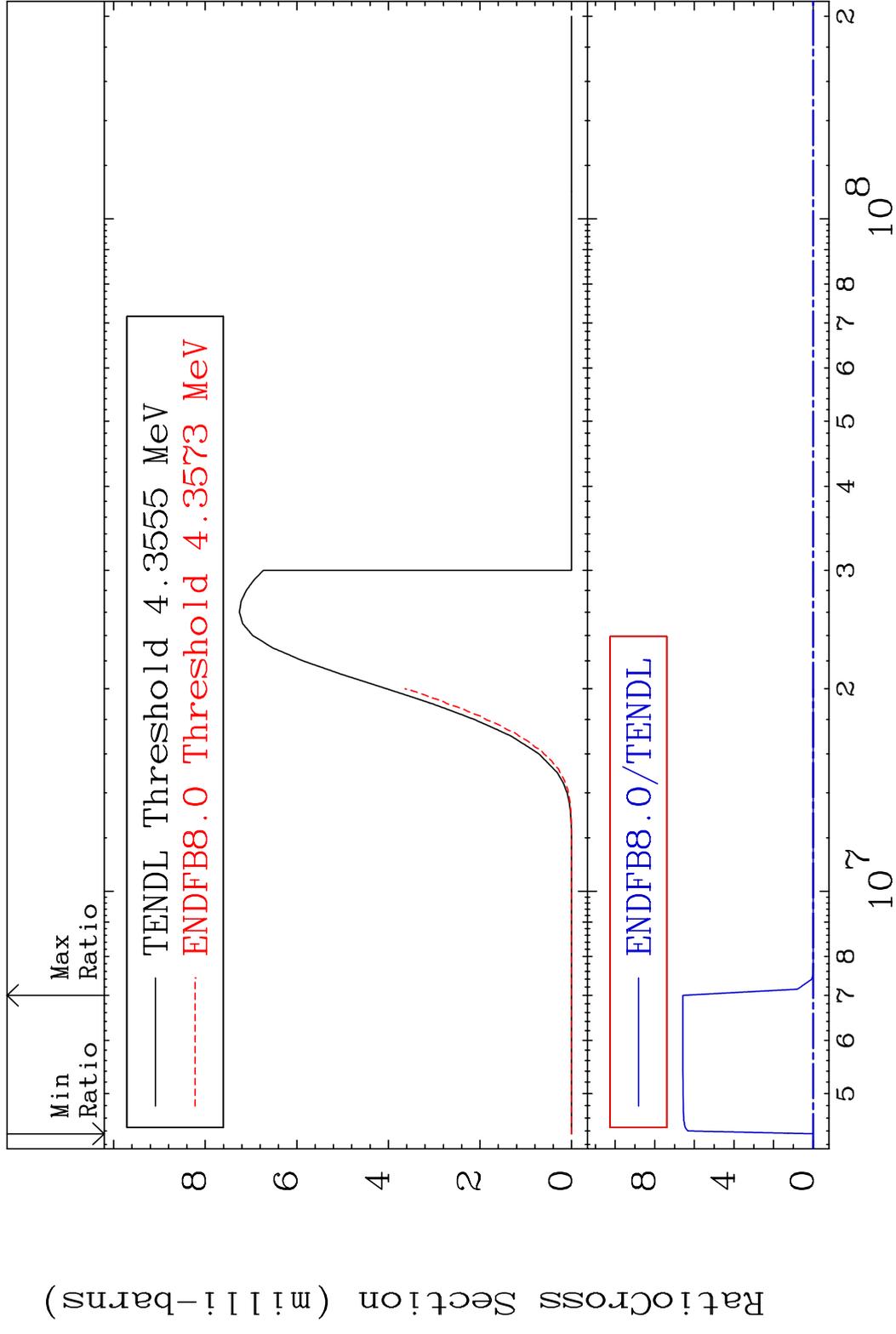
Incident Energy (eV)

75-Re-185

MAT 7525 (n,d) 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 (n, t) 75-Re-185
 Cross Section -100.0 To 9999. %

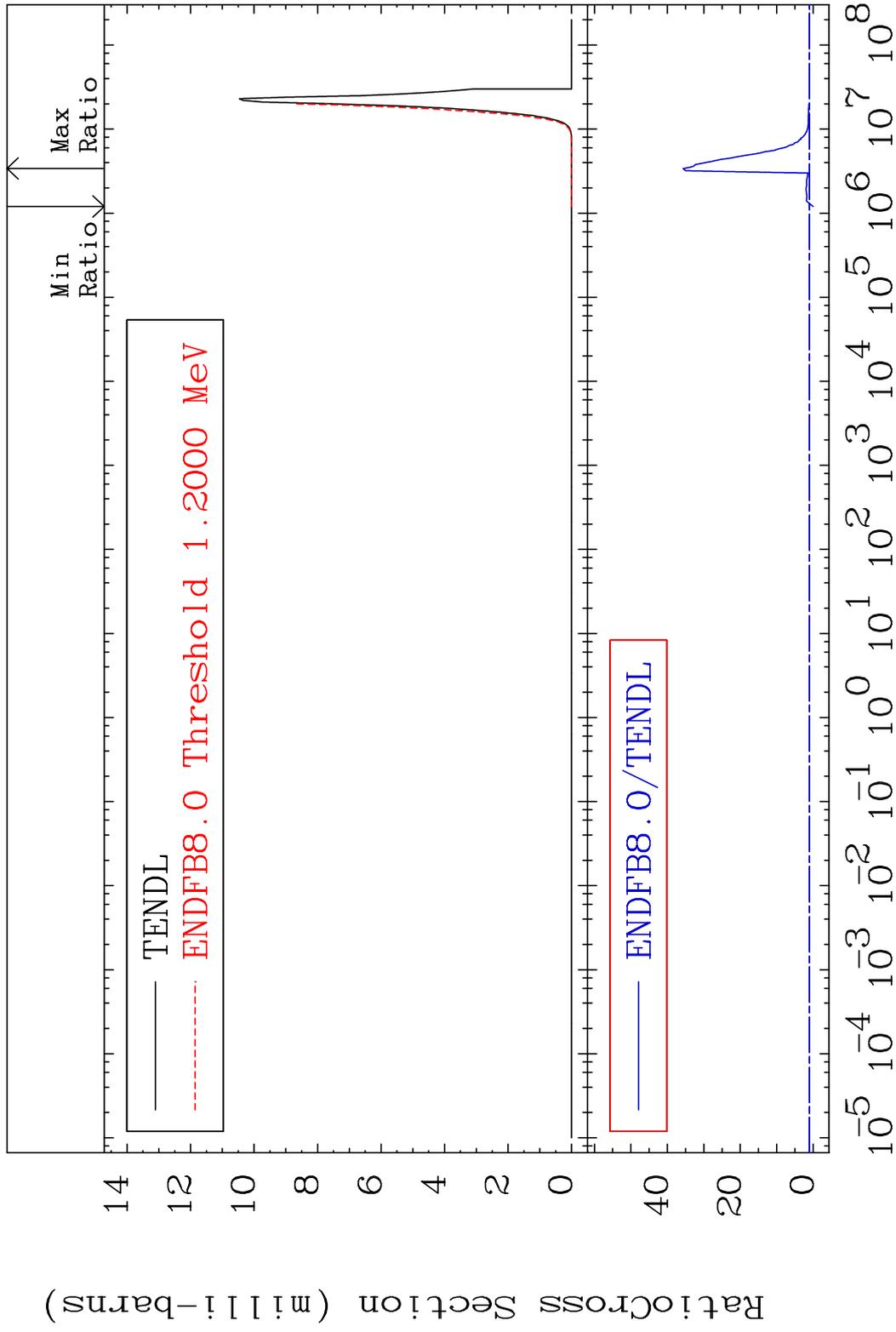


MAT 7525

(n, α)

75-Re-185

Cross Section -100.0 To 3475. %



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Incident Energy (eV)

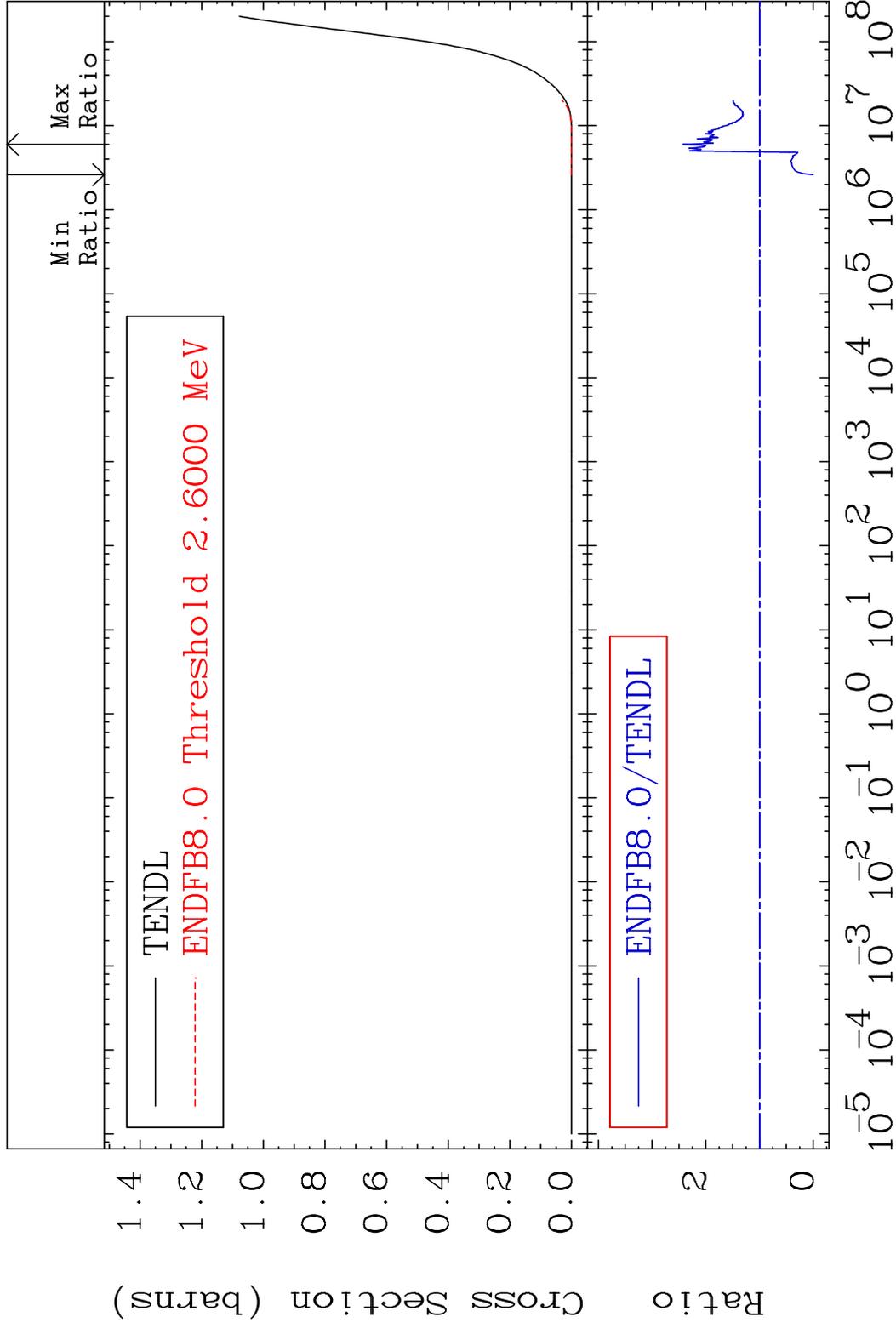
75-Re-185

MAT 7525

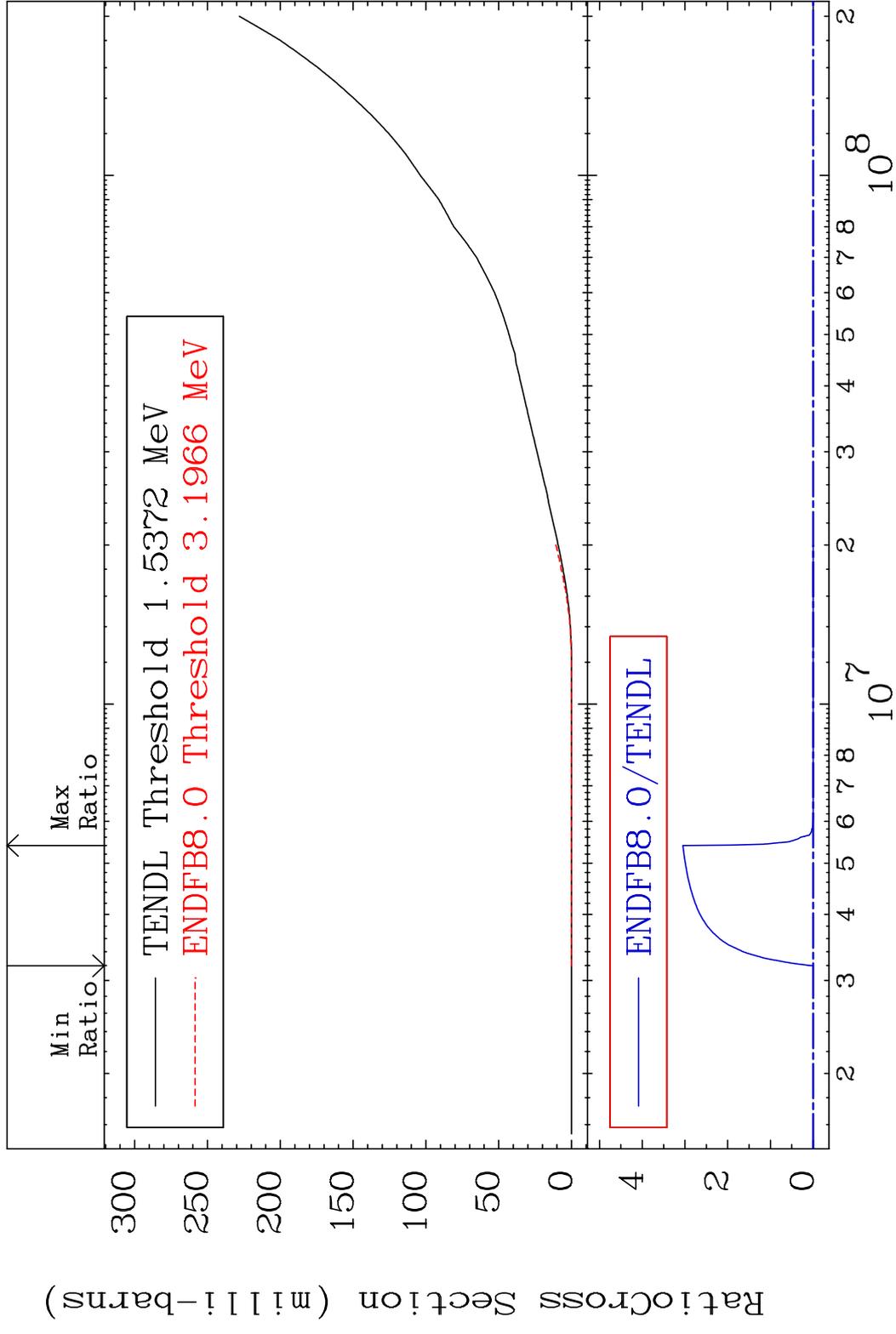
Hydrogen Production

75-Re-185

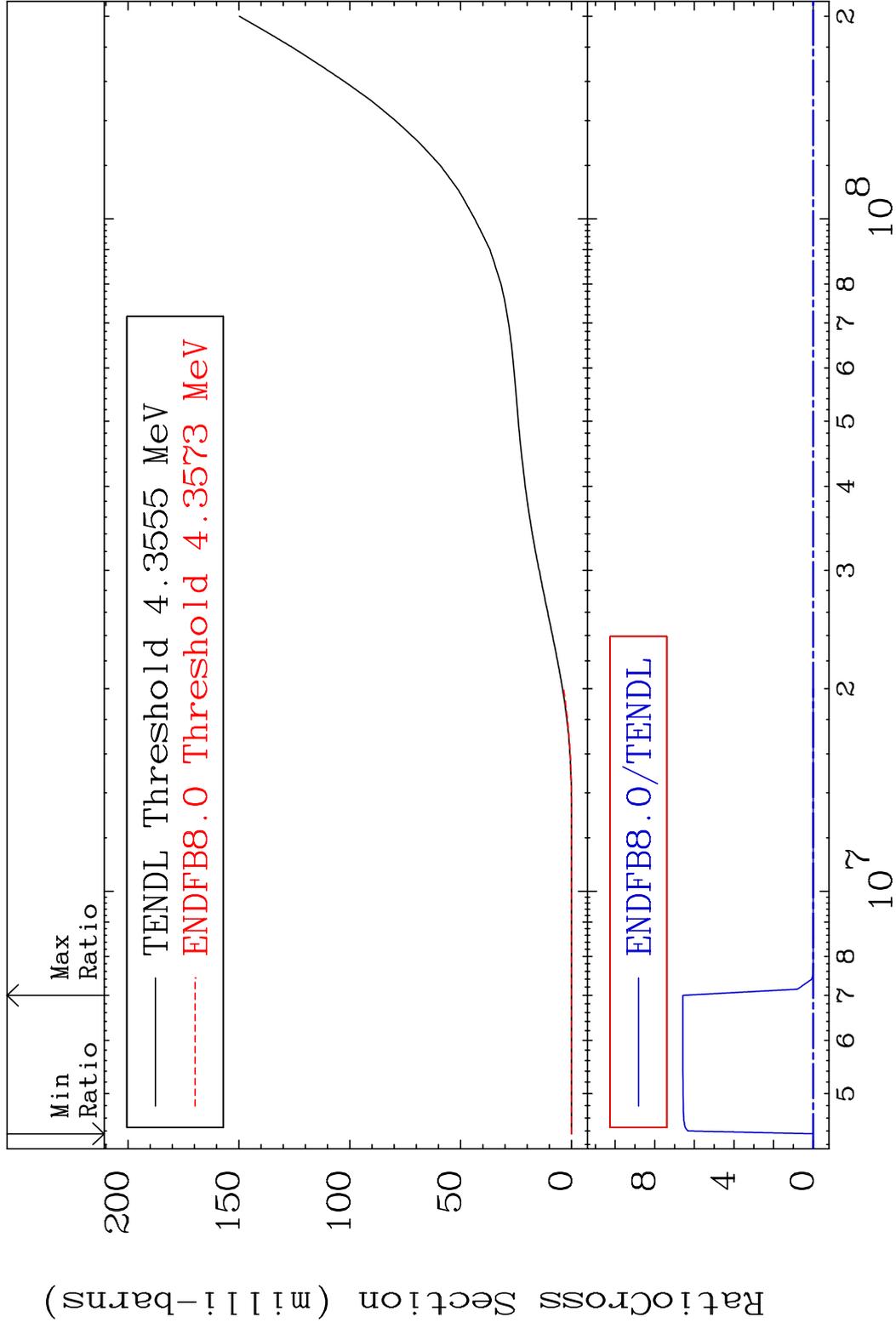
Cross Section -100.0 To 142.7 %



MAT 7525 Deuterium Production 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 Tritium Production 75-Re-185
 Cross Section -100.0 To 9999. %



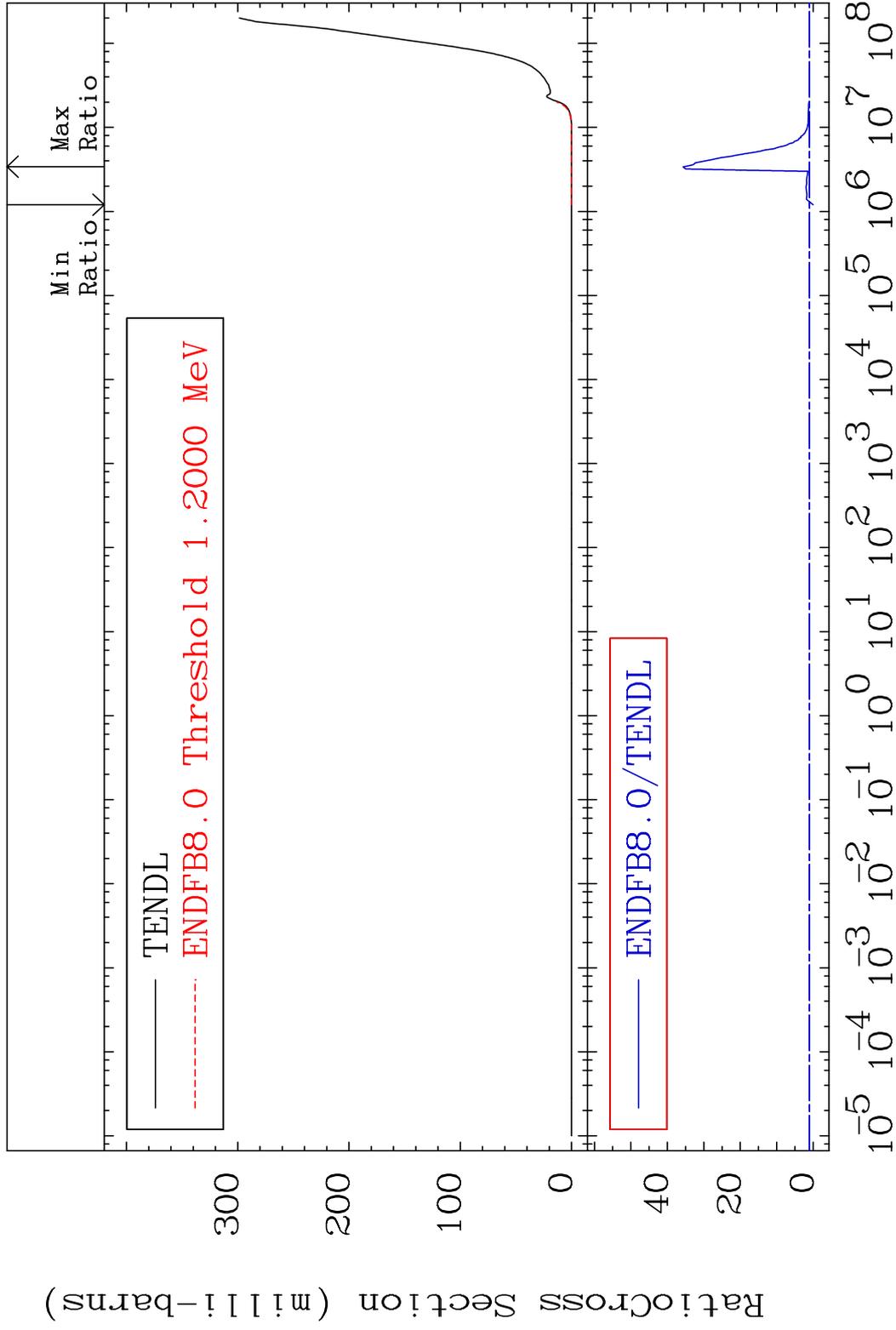
34 Incident Energy (eV) 75-Re-185

MAT 7525

He-4 Production

75-Re-185

Cross Section -100.0 To 3475. %

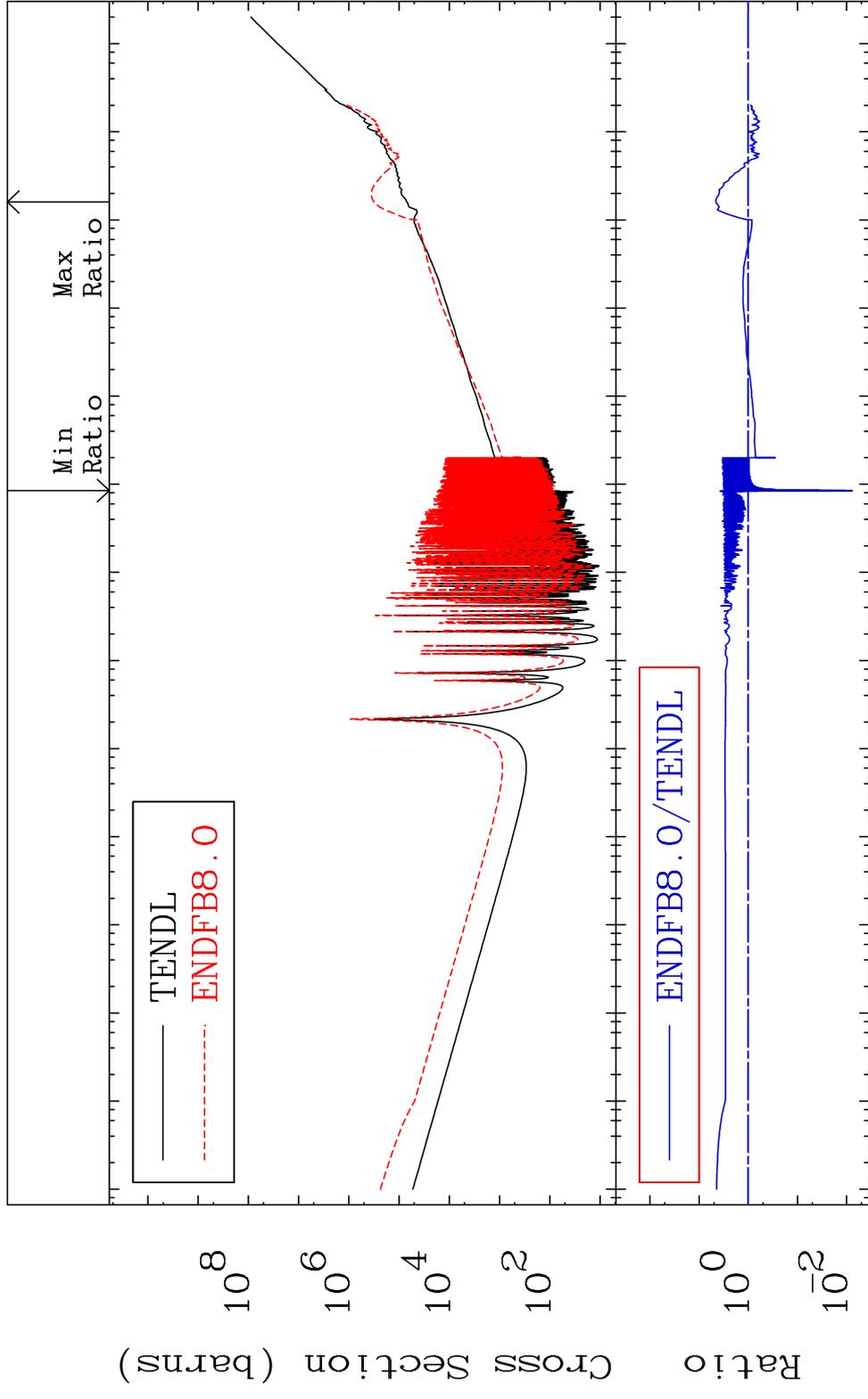


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Incident Energy (eV)

75-Re-185

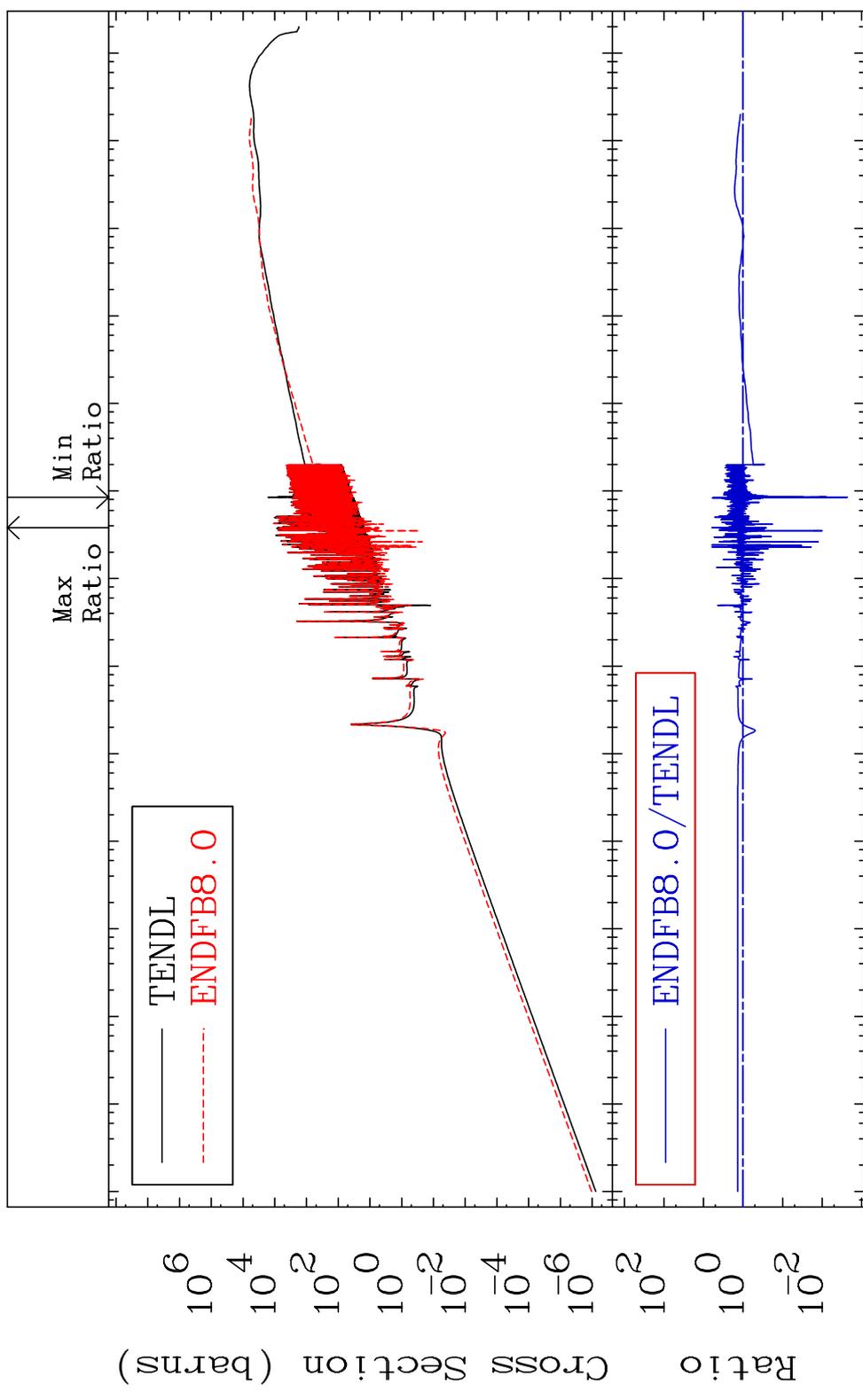
MAT 7525 Kerma total (eV-barns) 75-Re-185
 Cross Section -99.24 To 355.8 %



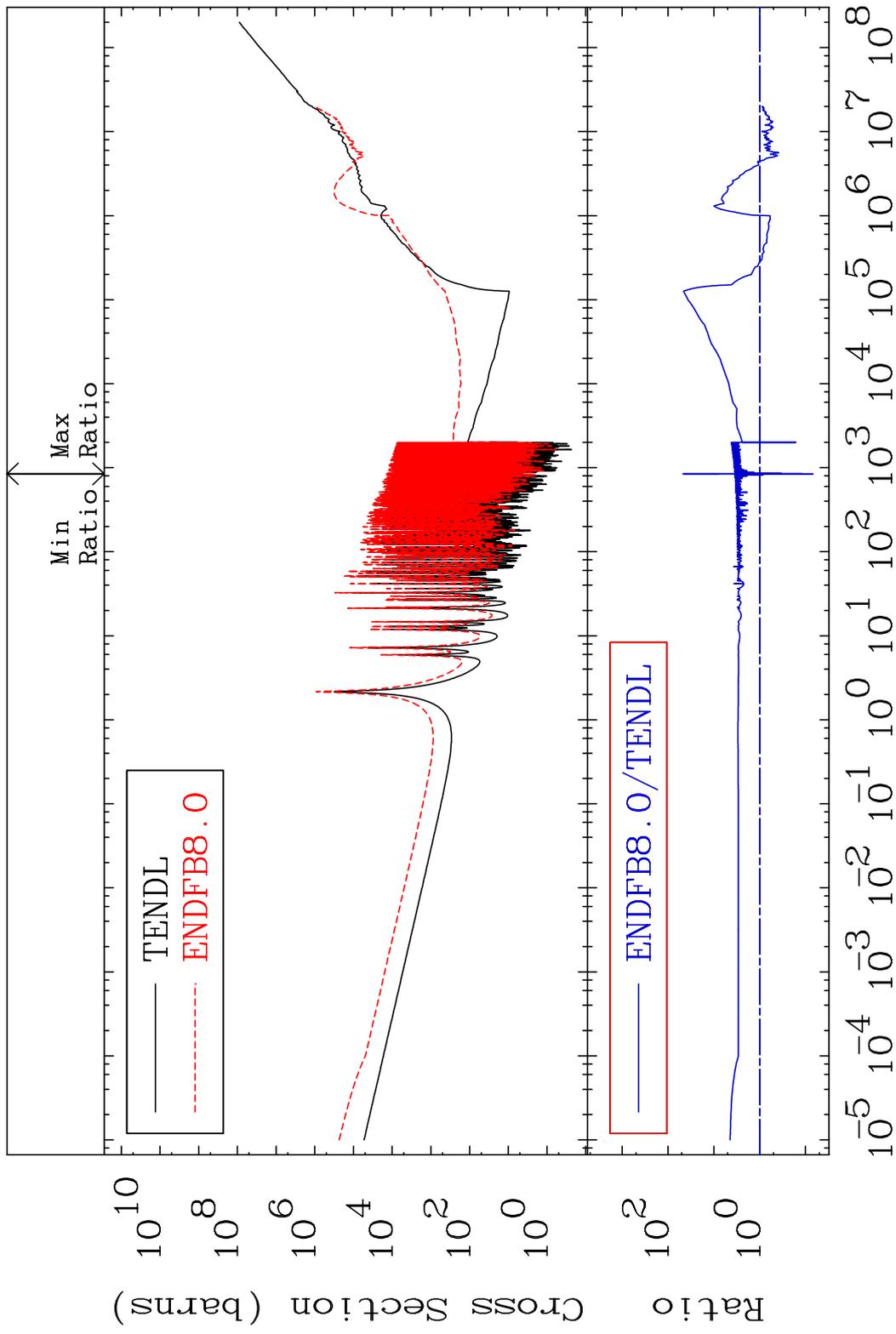
MAT 7525

Kerma elastic Cross Section -99.777 To 520.4 %

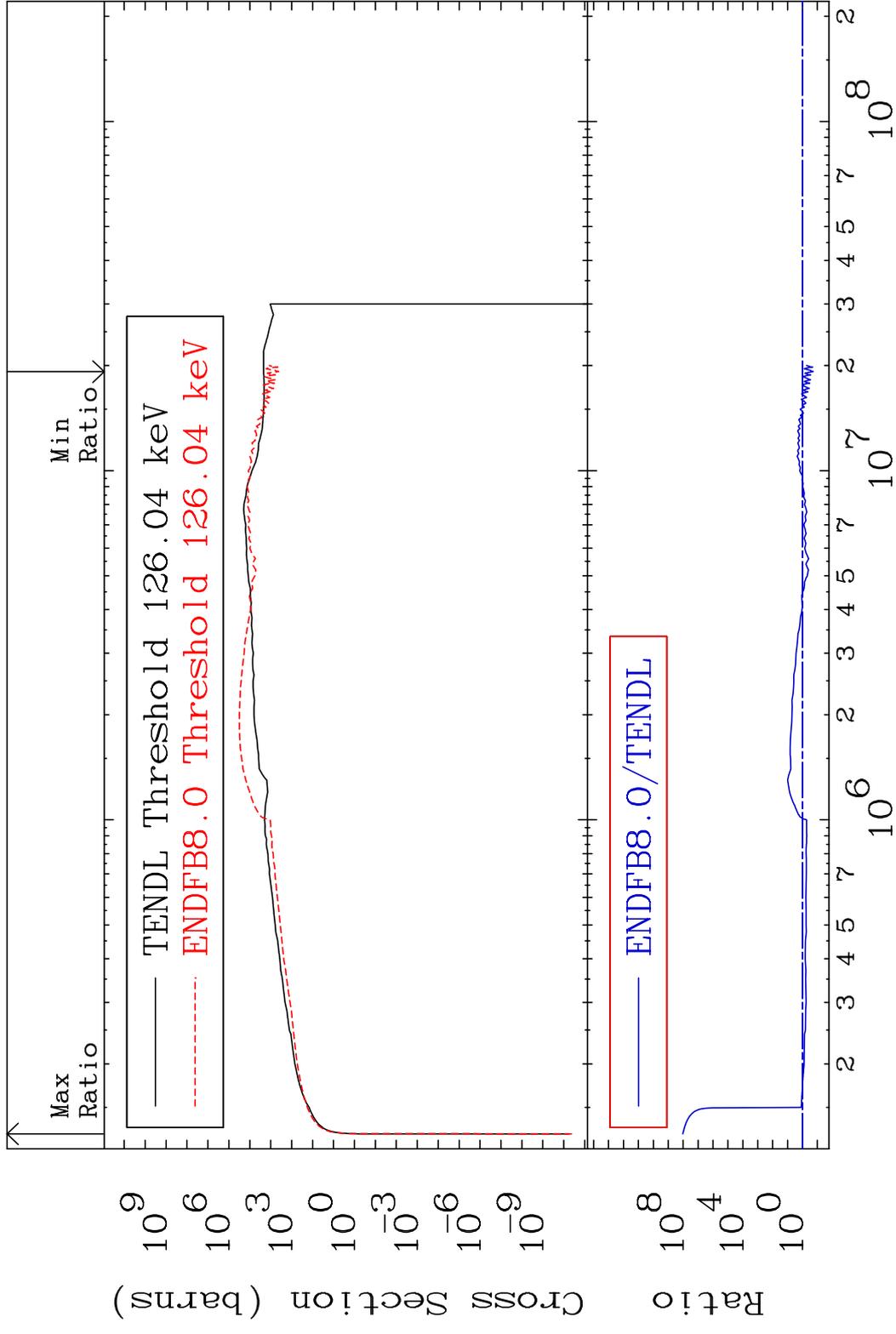
75-Re-185



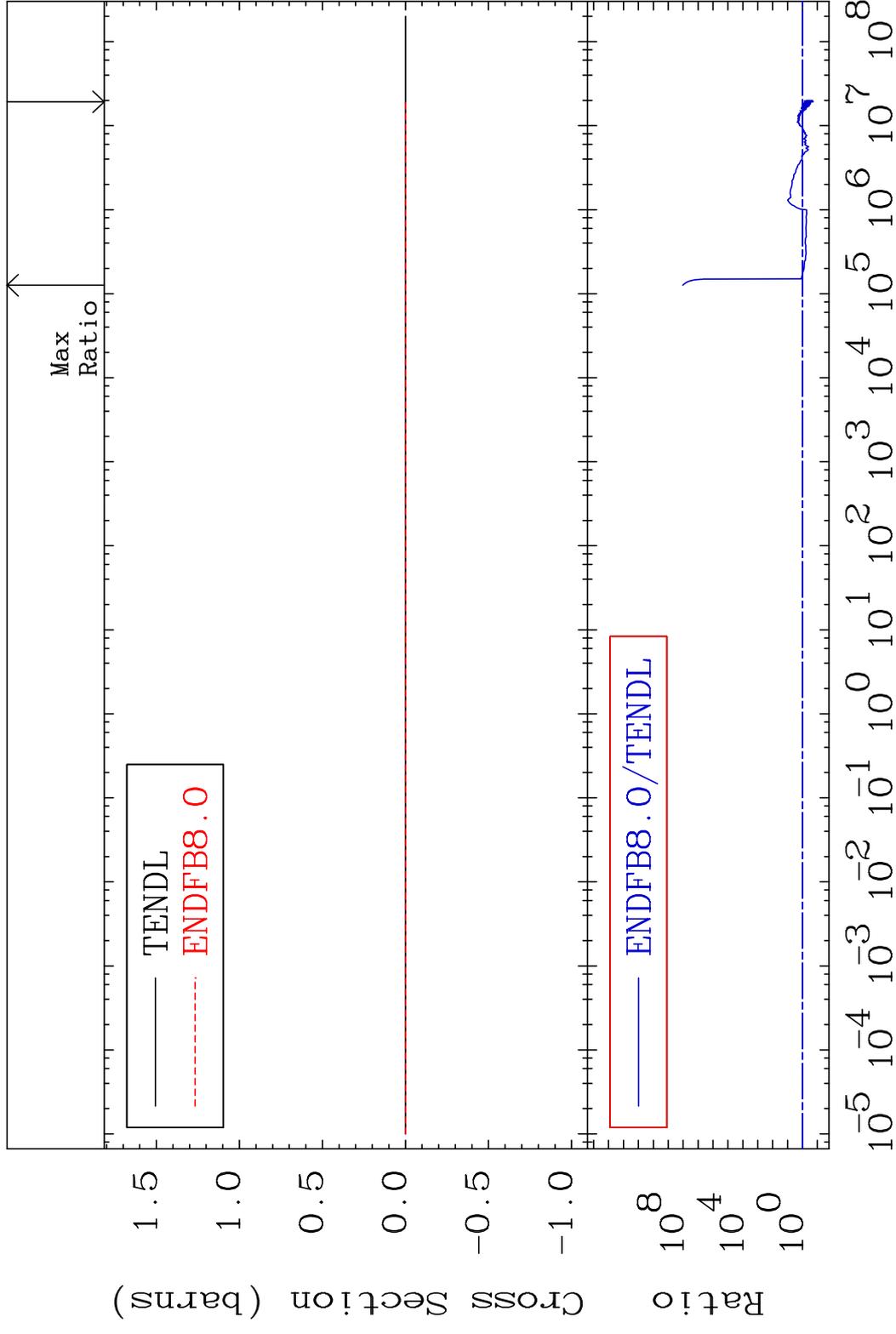
MAT 7525 Kerma non-elastic (all but mt2) 75-Re-185
 Cross Section -93.18 To 4650. %



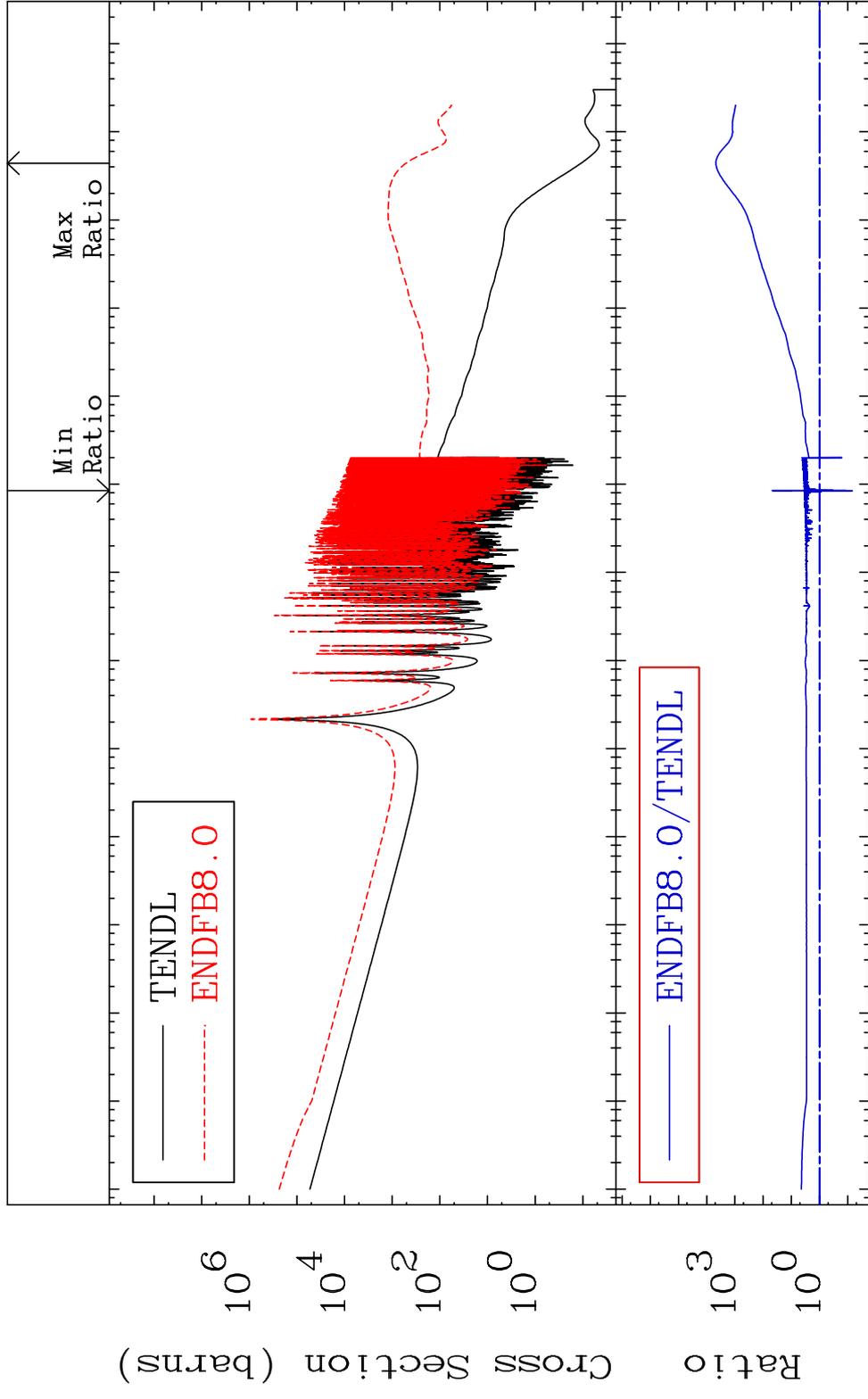
MAT 7525 Kerma inelastic (mt51-91) 75-Re-185
 Cross Section -80.67 To 9999. %



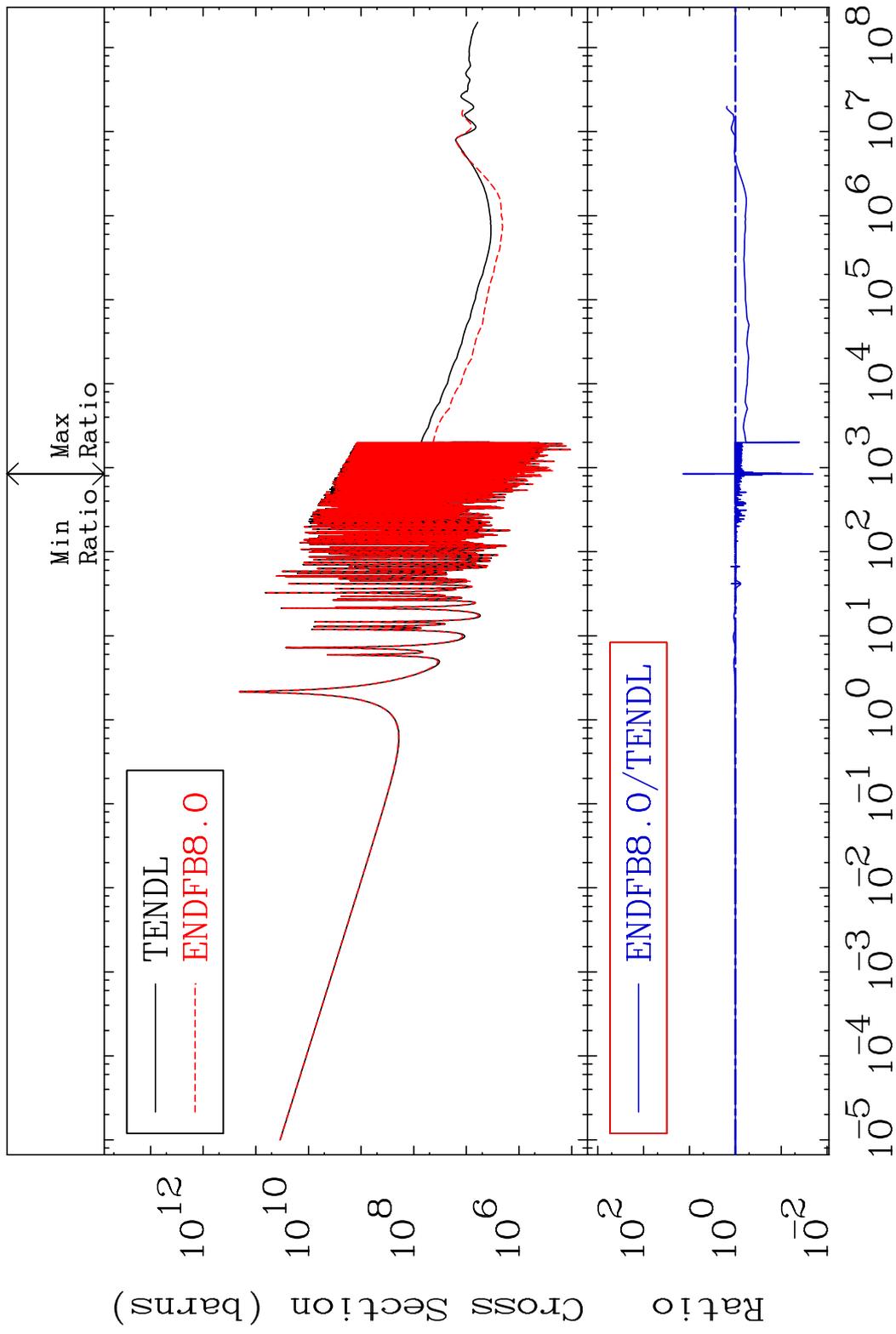
MAT 7525 Kerma fission (mt18 or mt19-20-21-38)75-Re-185
 Cross Section -80.67 To 9999. %



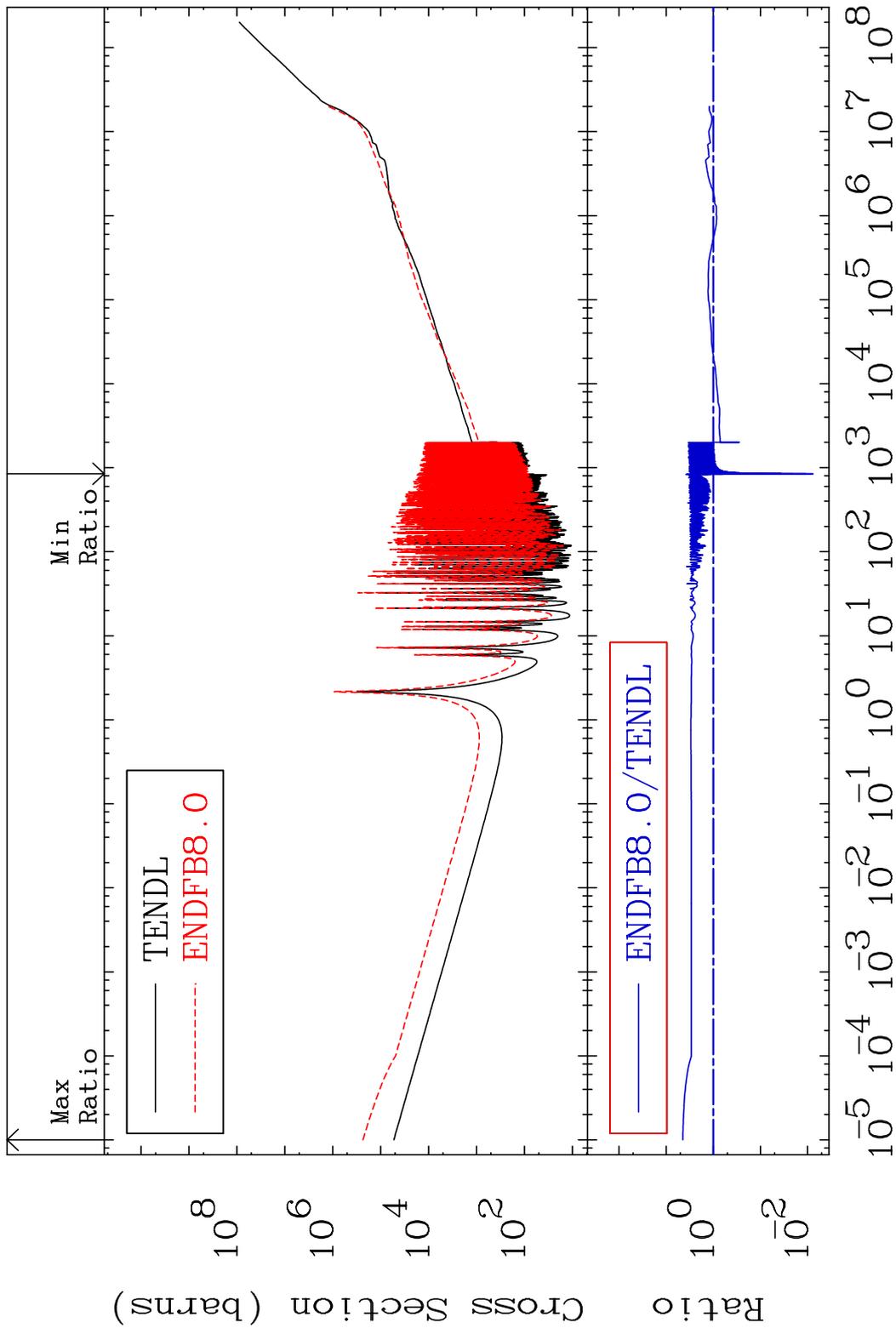
MAT 7525 Kerma capture (mt102) 75-Re-185
 Cross Section -93.17 To 9999. %



MAT 7525 Total photon (eV-barns) 75-Re-185
 Cross Section -97.99 To 1298. %



MAT 7525 Total kinematic kerma (high limit) 75-Re-185
 Cross Section -99.24 To 341.6 %

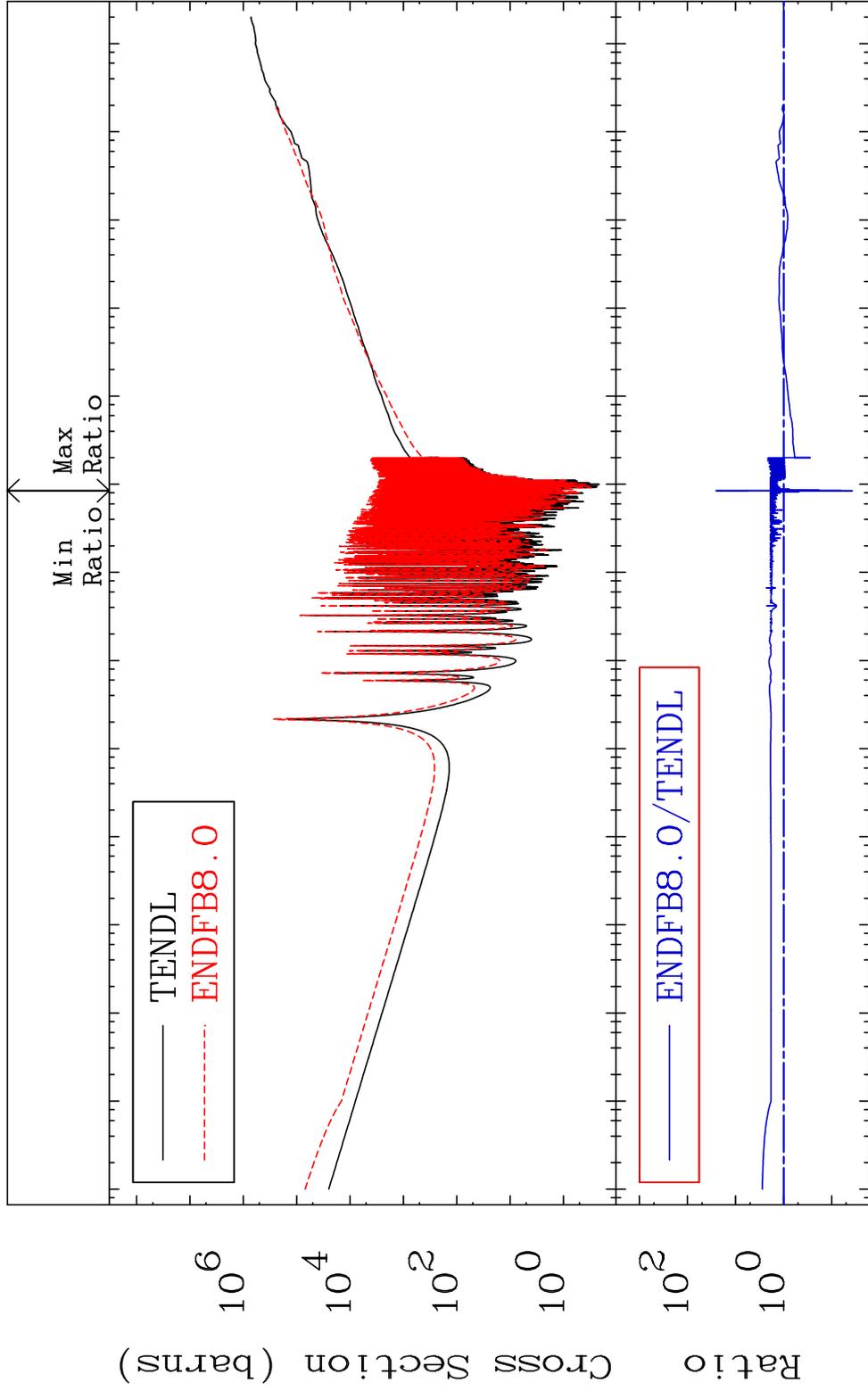


MAT 7525

Dpa total (eV-barns)

75-Re-185

Cross Section -96.31 To 2467. %

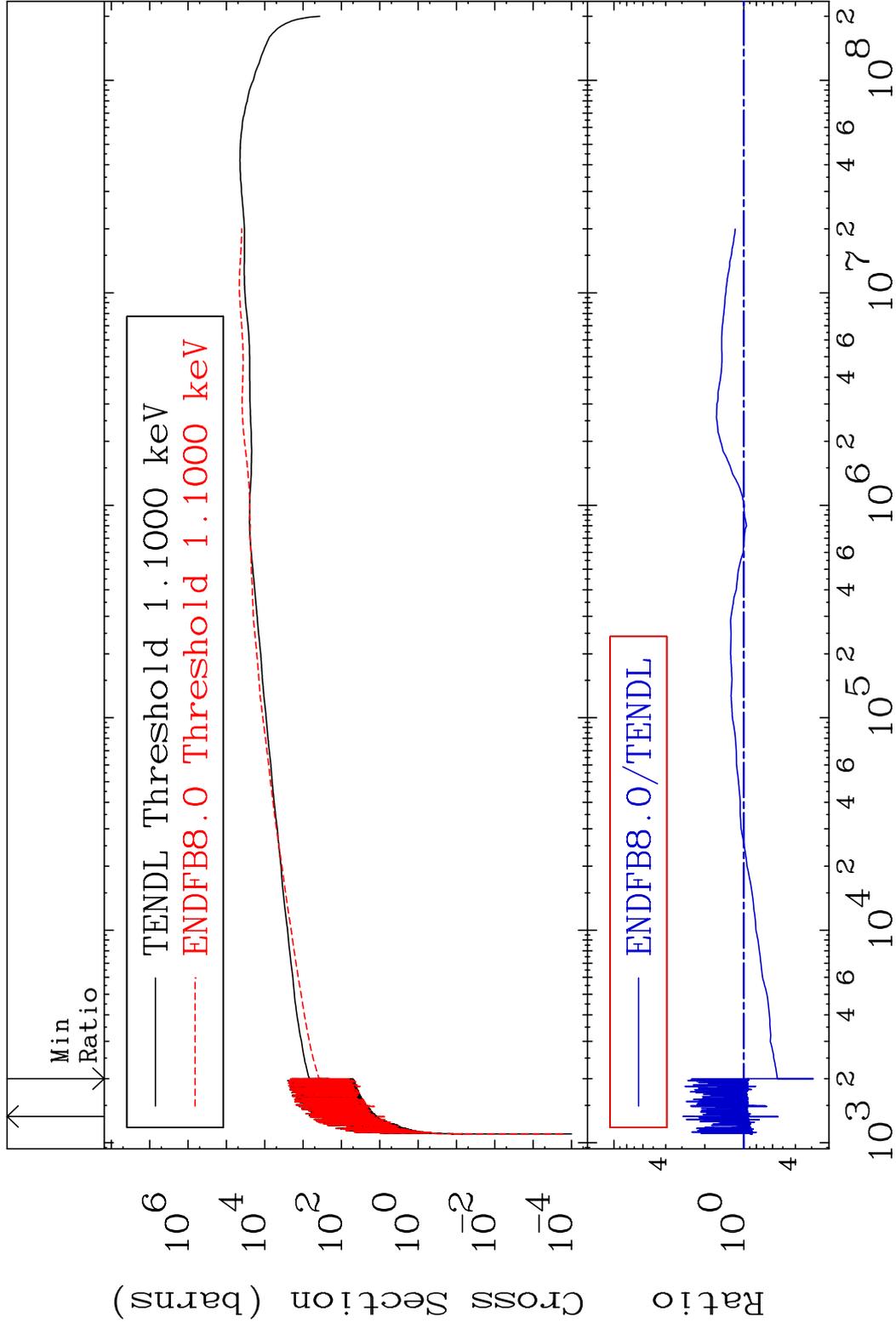


MAT 7525

Dpa elastic (mt2)

75-Re-185

Cross Section -70.76 To 195.1 %

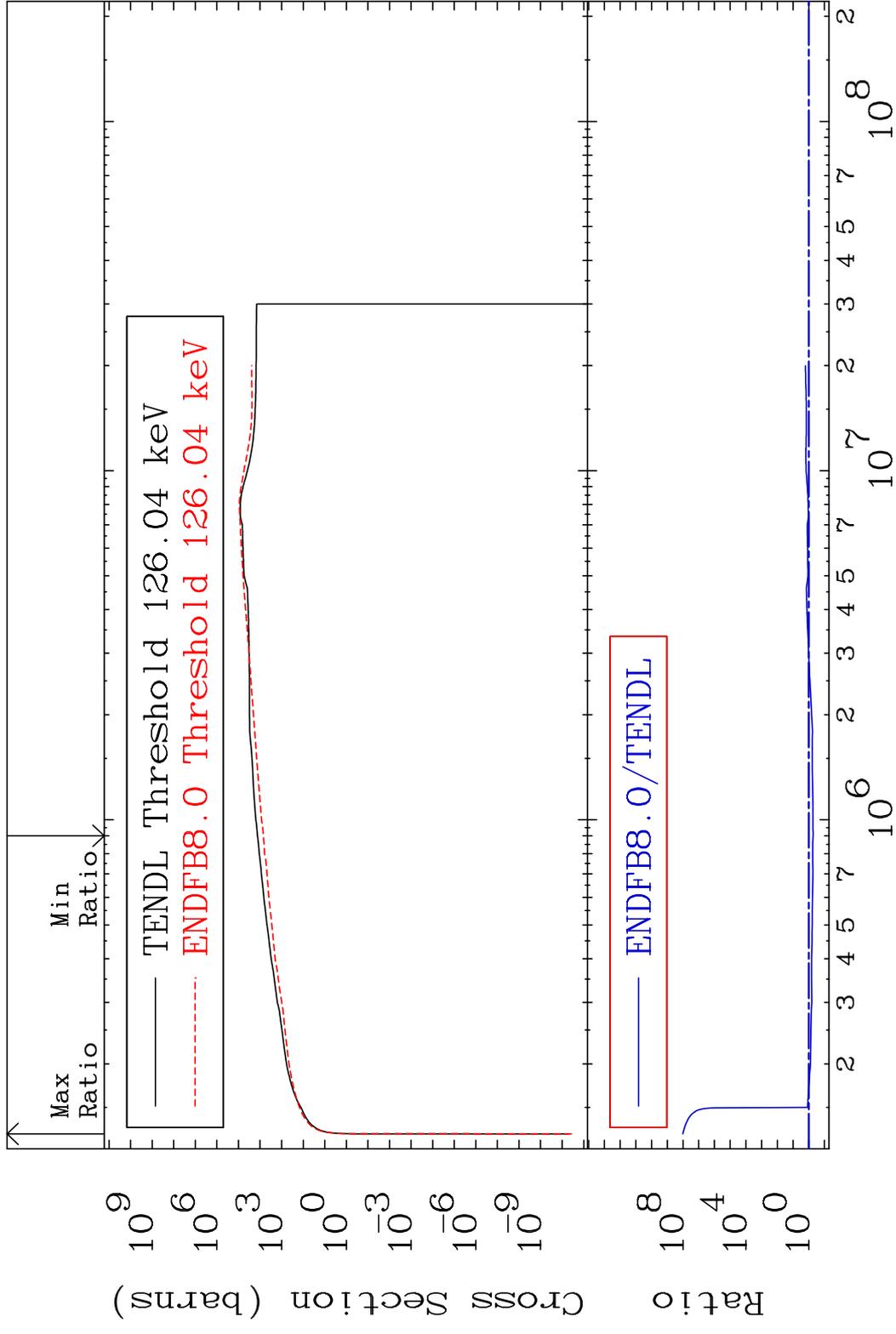


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Incident Energy (eV)

75-Re-185

Cross Section -47.39 To 9999. %



MAT 7525 Dpa disappearance (mt102 -120) 75-Re-185
 Cross Section -96.31 To 2467. %

