

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

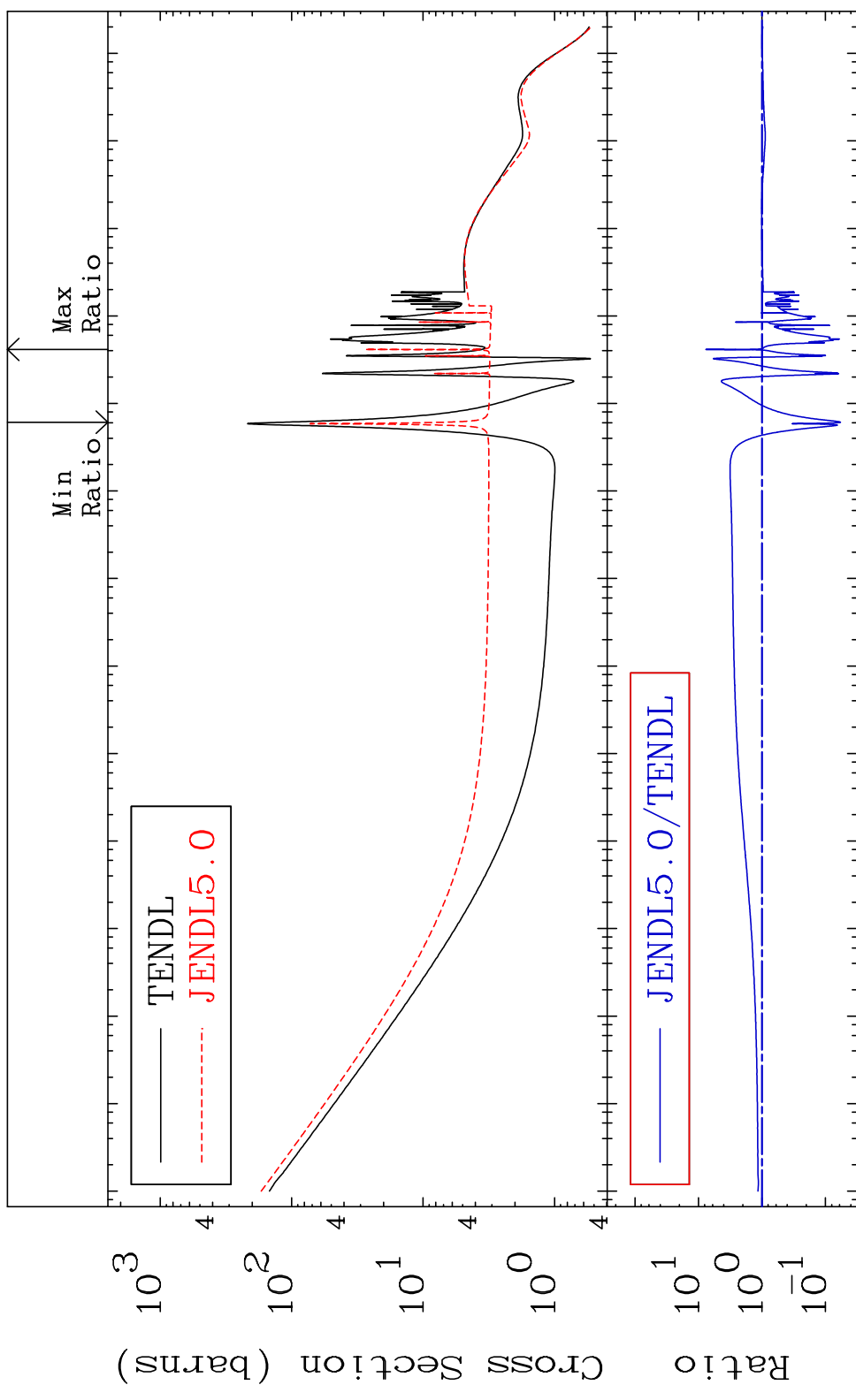
MAT 1322

Total

13-A1-26

Cross Section

-94.18 To 666.9 %



1

Incident Energy (eV)

13-A1-26

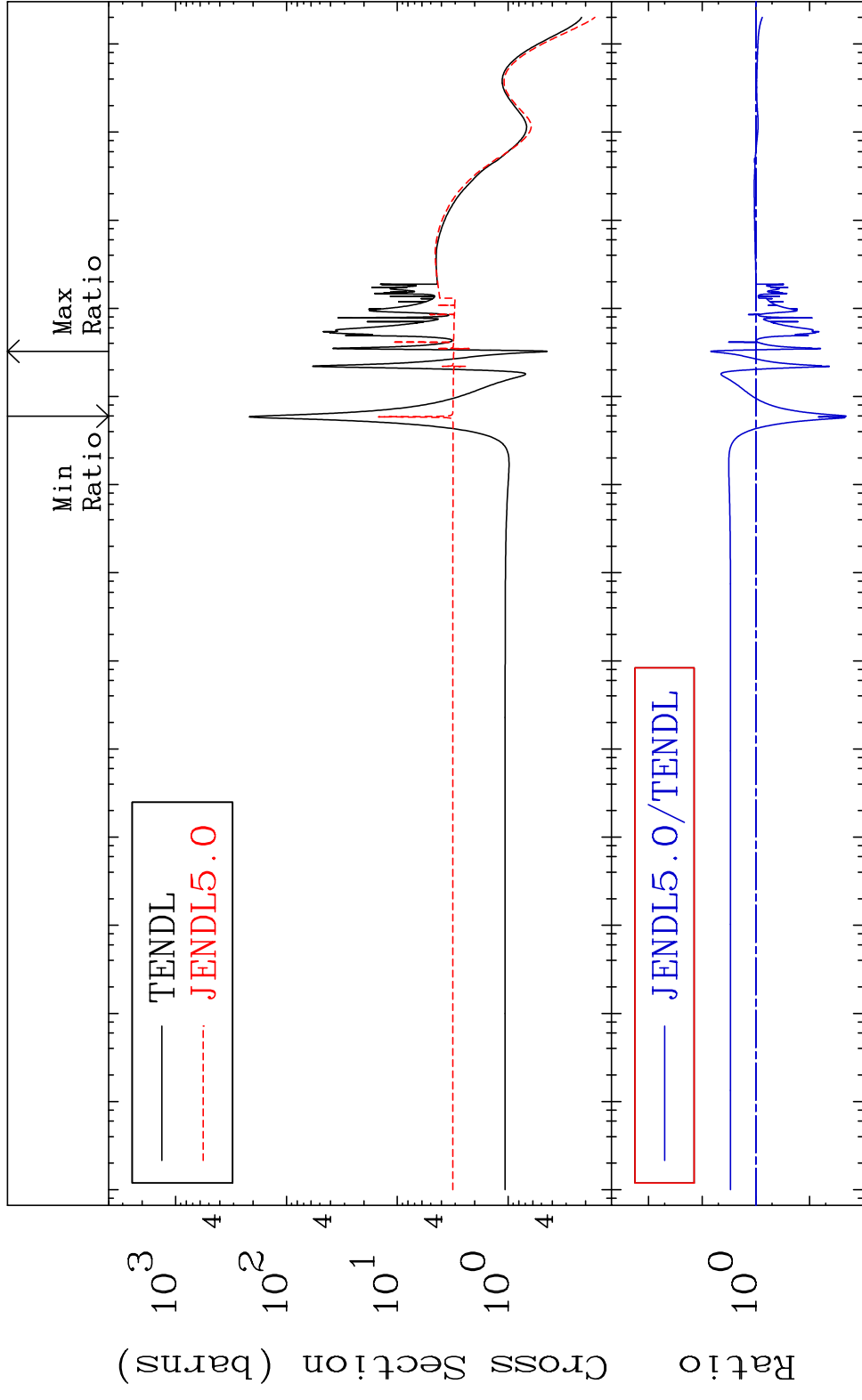
MAT 1322

Elastic

13-Al-26

Cross Section

-97.94 To 594.1 %



— TENDL
- - - JENDL5.0

— JENDL5.0/TENDL

Cross Section (barns)
Ratio

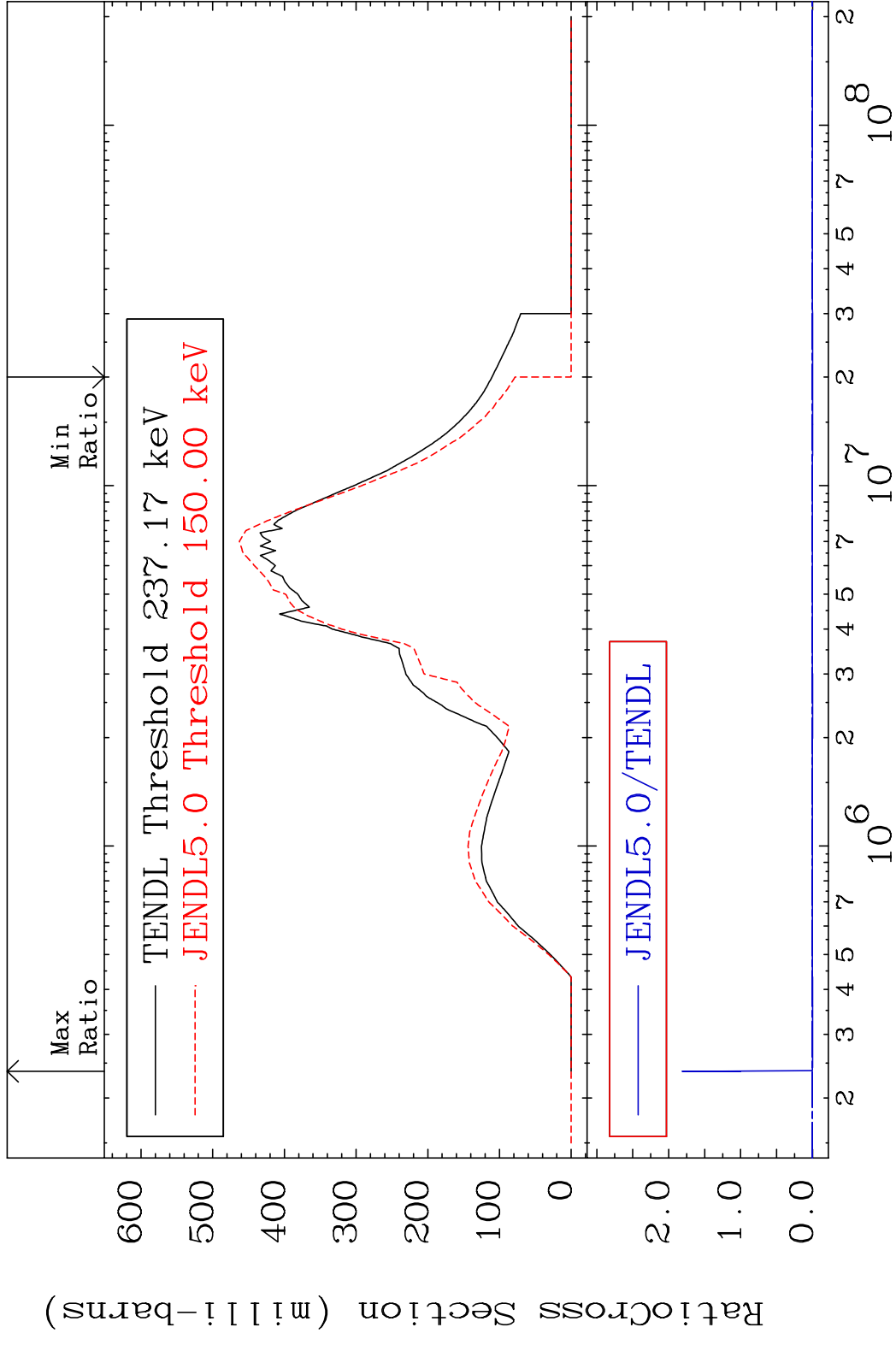
10³
10²
10¹
10⁰
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

13-Al-26

MAT 1322 Inelastic 13-Al-26
 Cross Section -100.0 To 9999. %

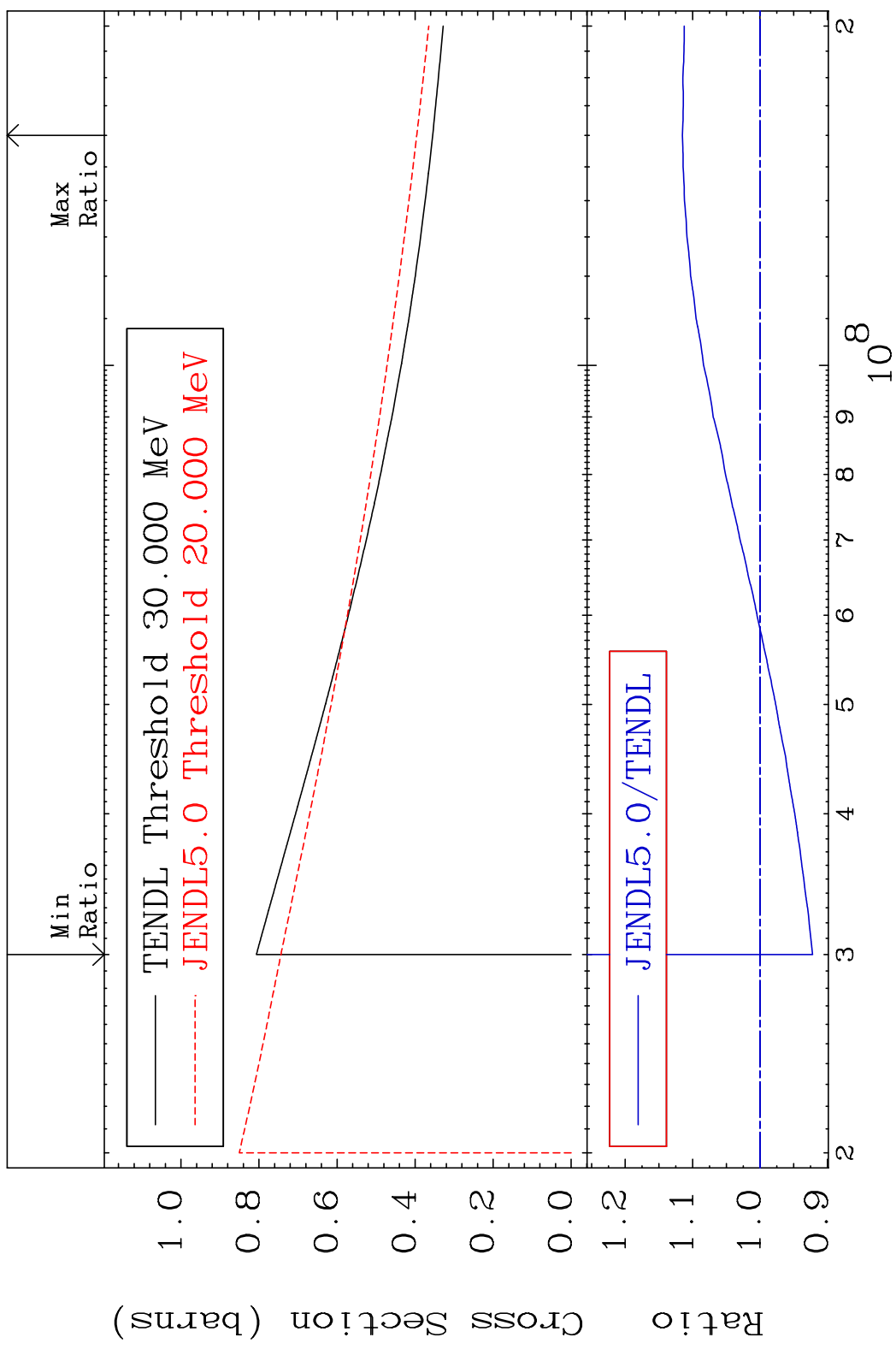


MAT 1322

(n, remainder)

13-A1-26

Cross Section -7.794 To 11.53 %

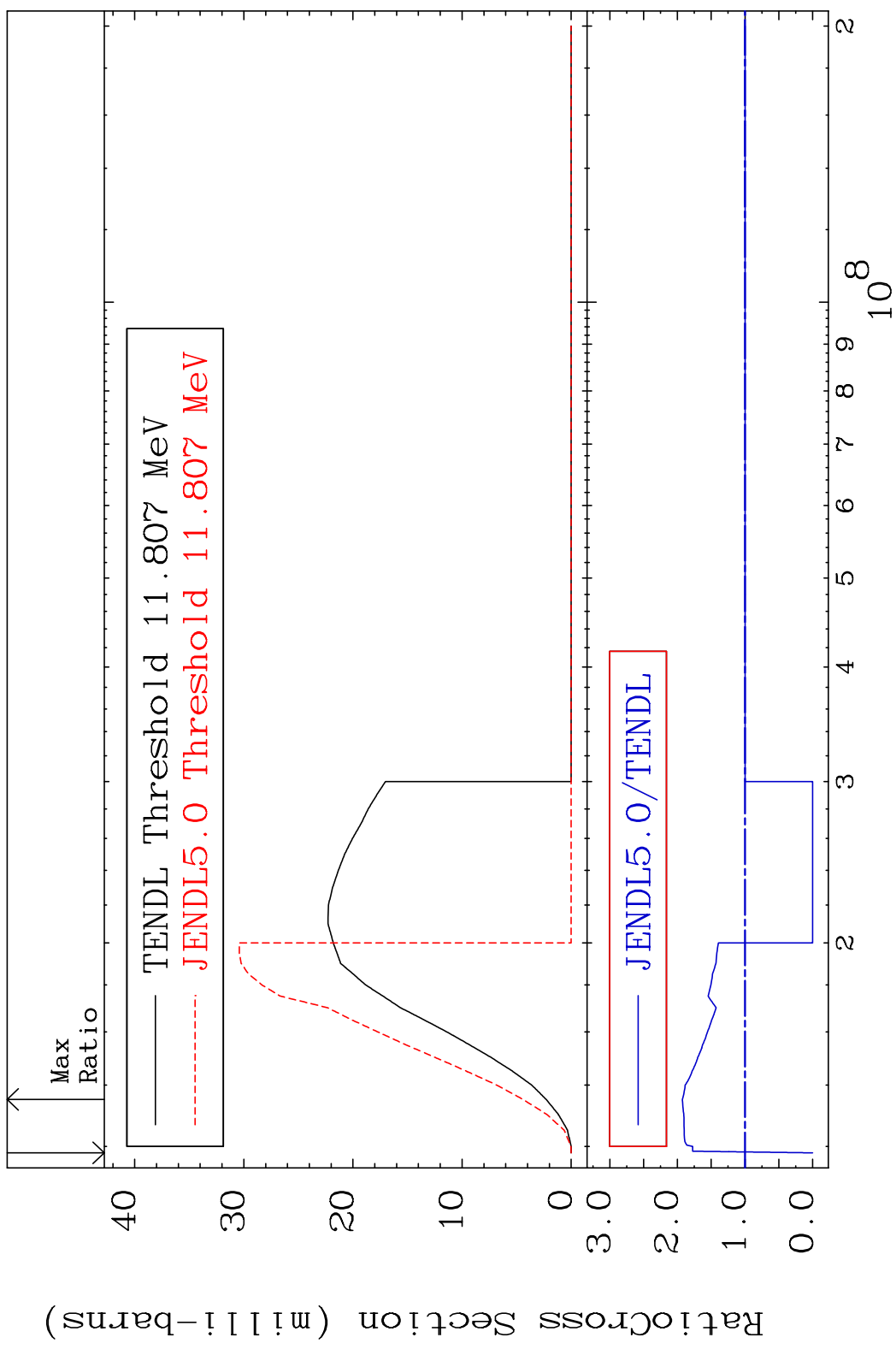


MAT 1322

(n,2n)

13-A1-26

Cross Section -100.0 To 92.72 %

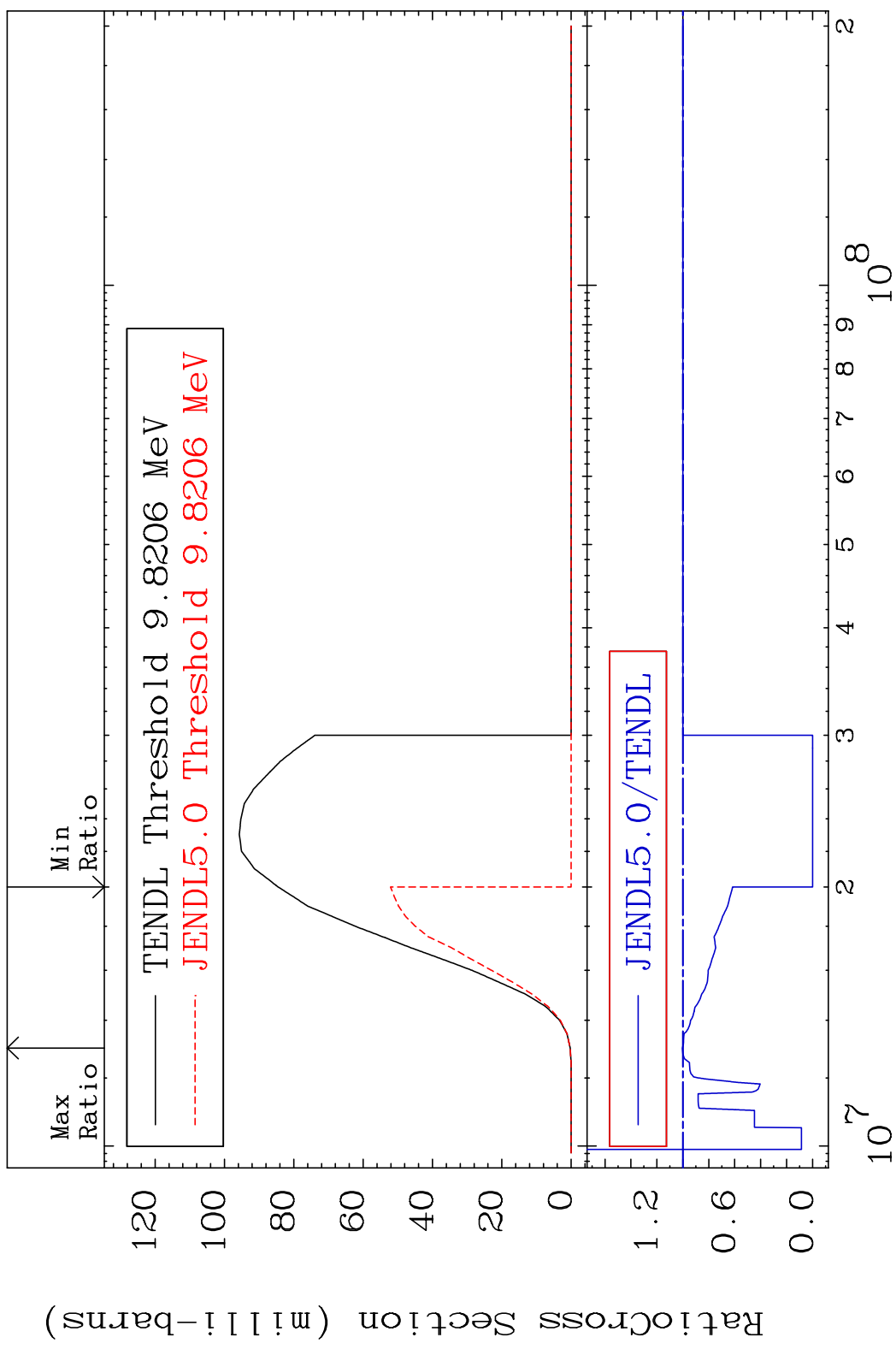


MAT 1322

(n, n') α

13-A1-26

Cross Section -100.0 To 0.371 %



6

Incident Energy (eV)

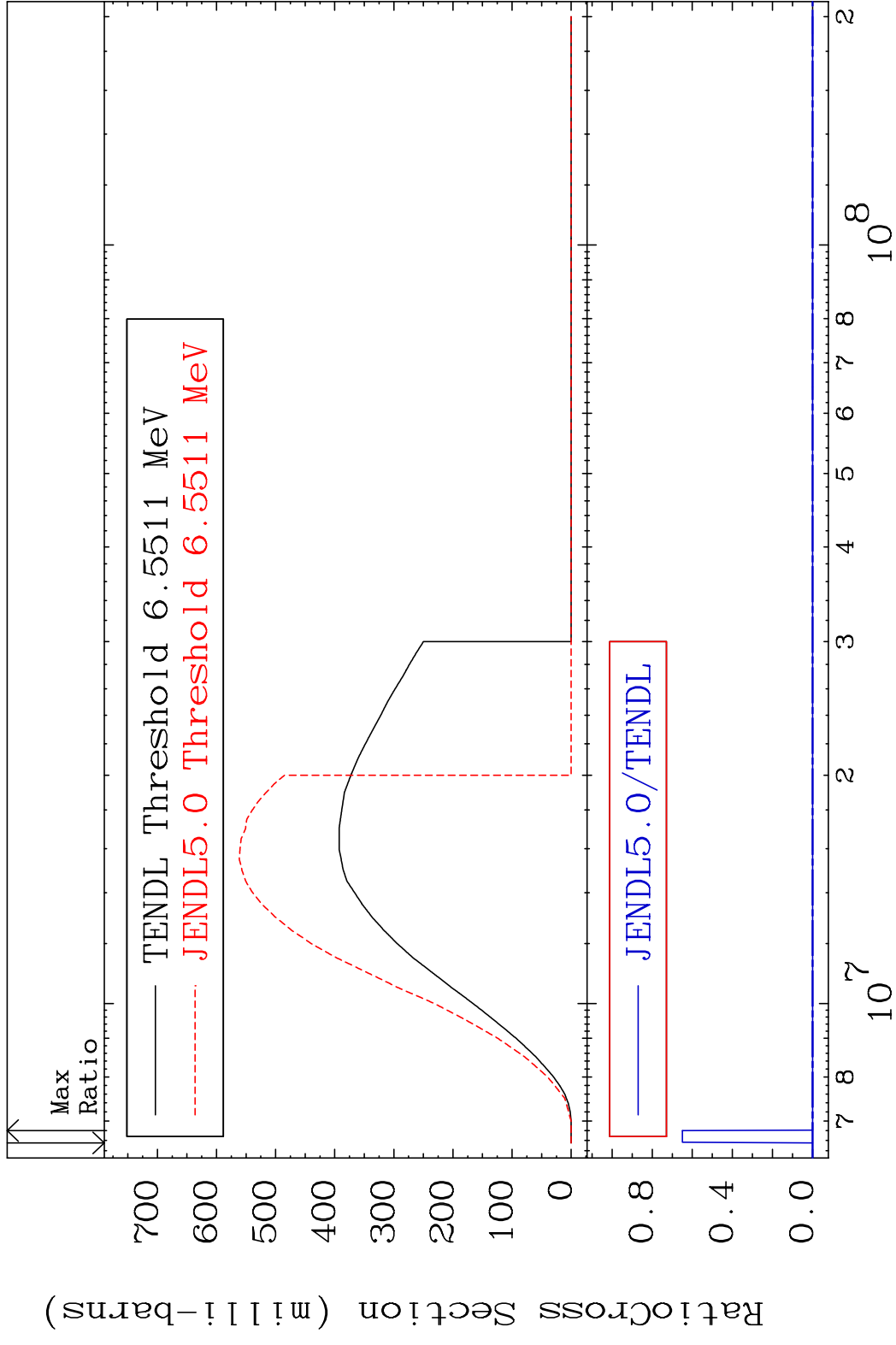
13-A1-26

MAT 1322

(n, n') p

13-Al-26

Cross Section -100.0 To 9999. %

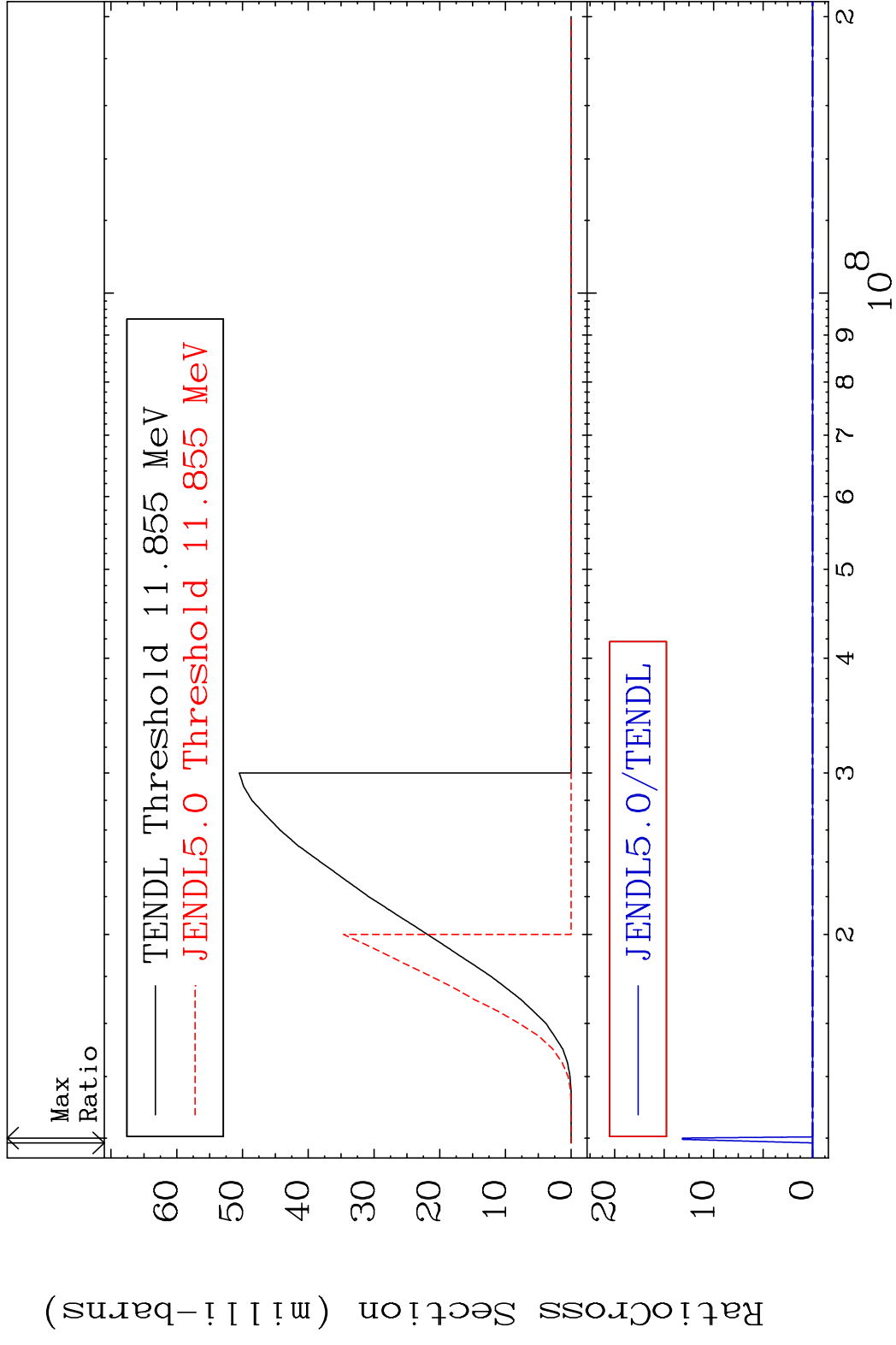


MAT 1322

(n, n') d

13-A1-26

Cross Section -100.0 To 9999. %

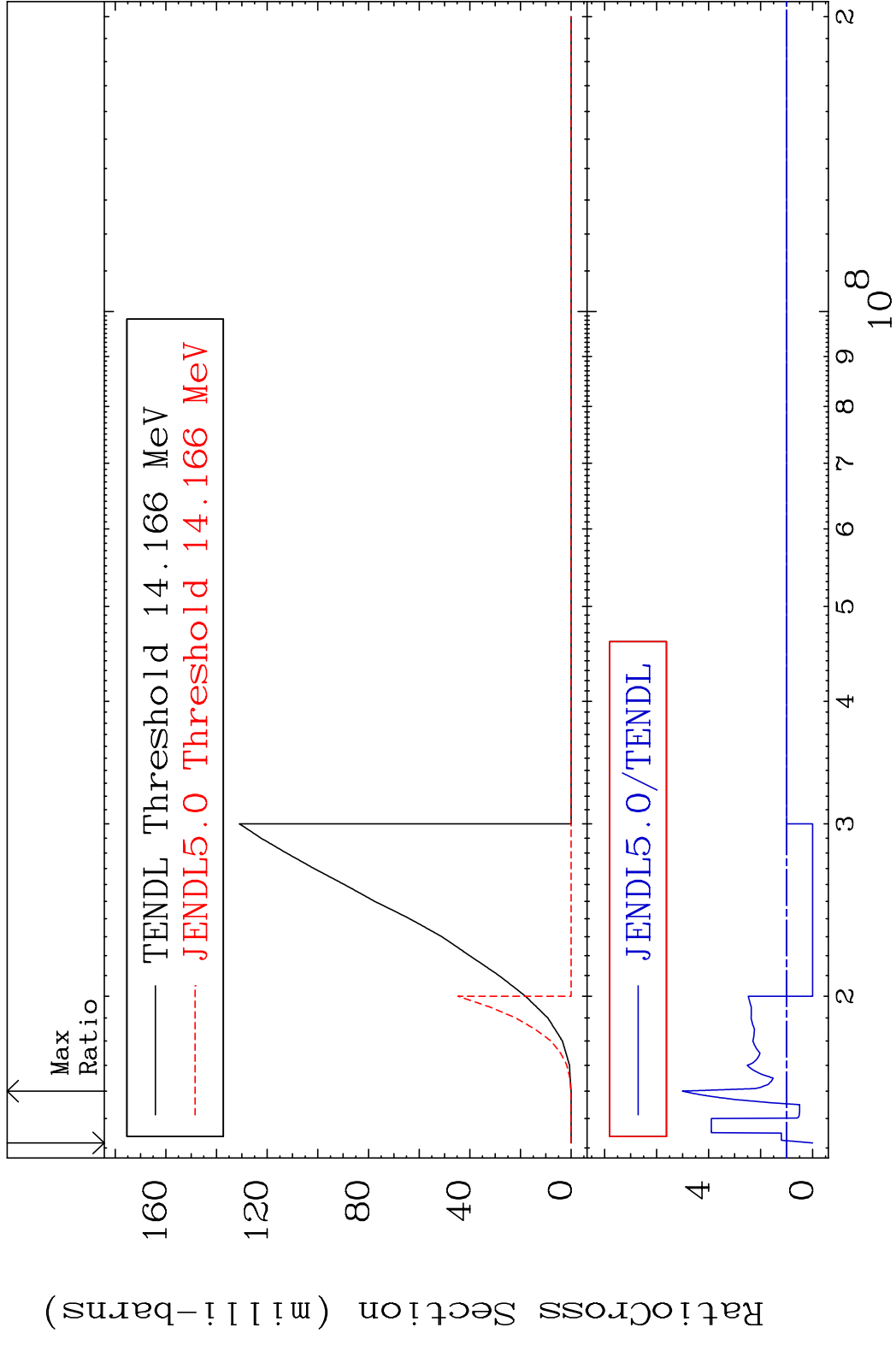


MAT 1322

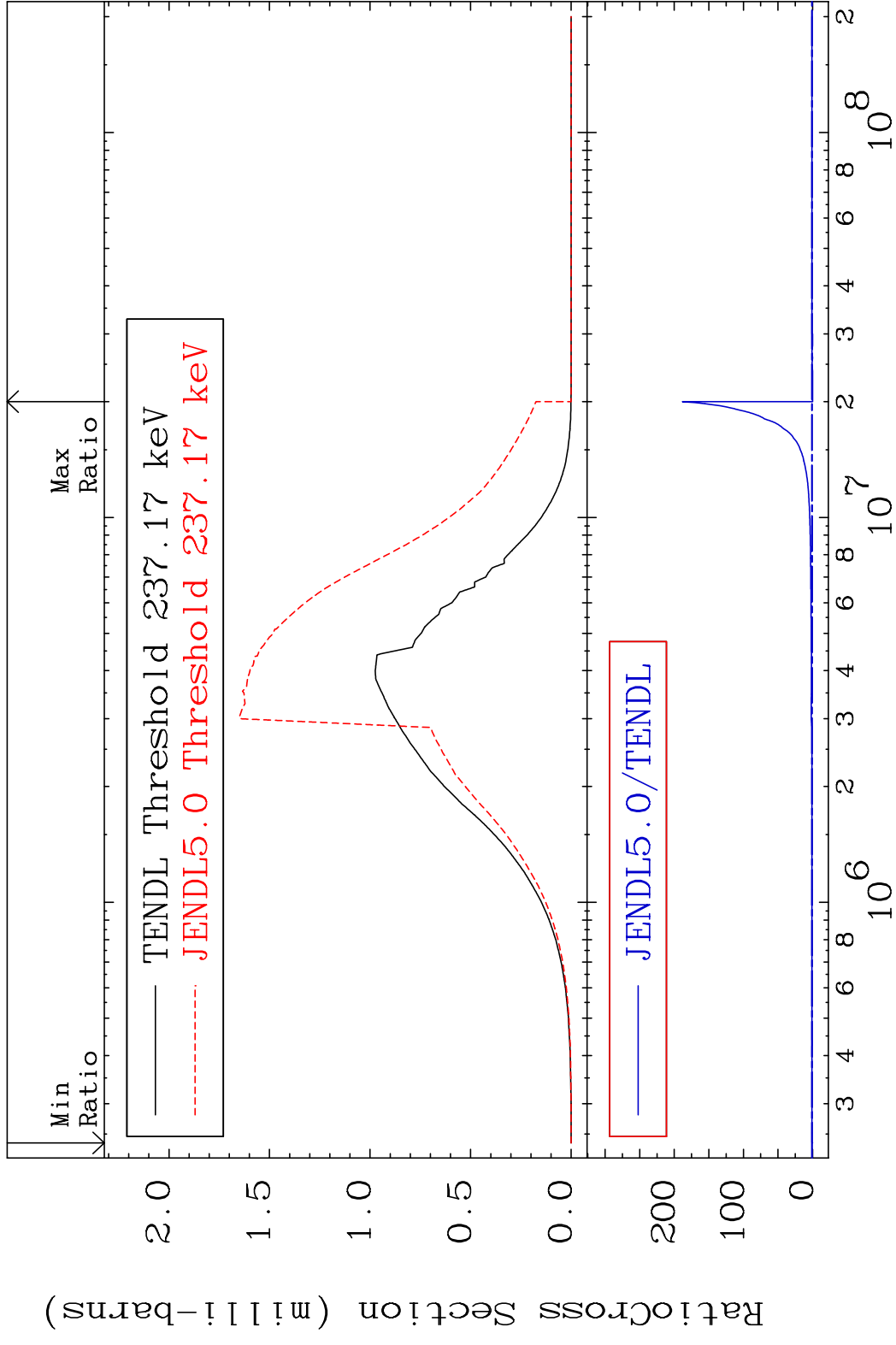
(n,2n) p

13-A1-26

Cross Section -100.0 To 400.7 %

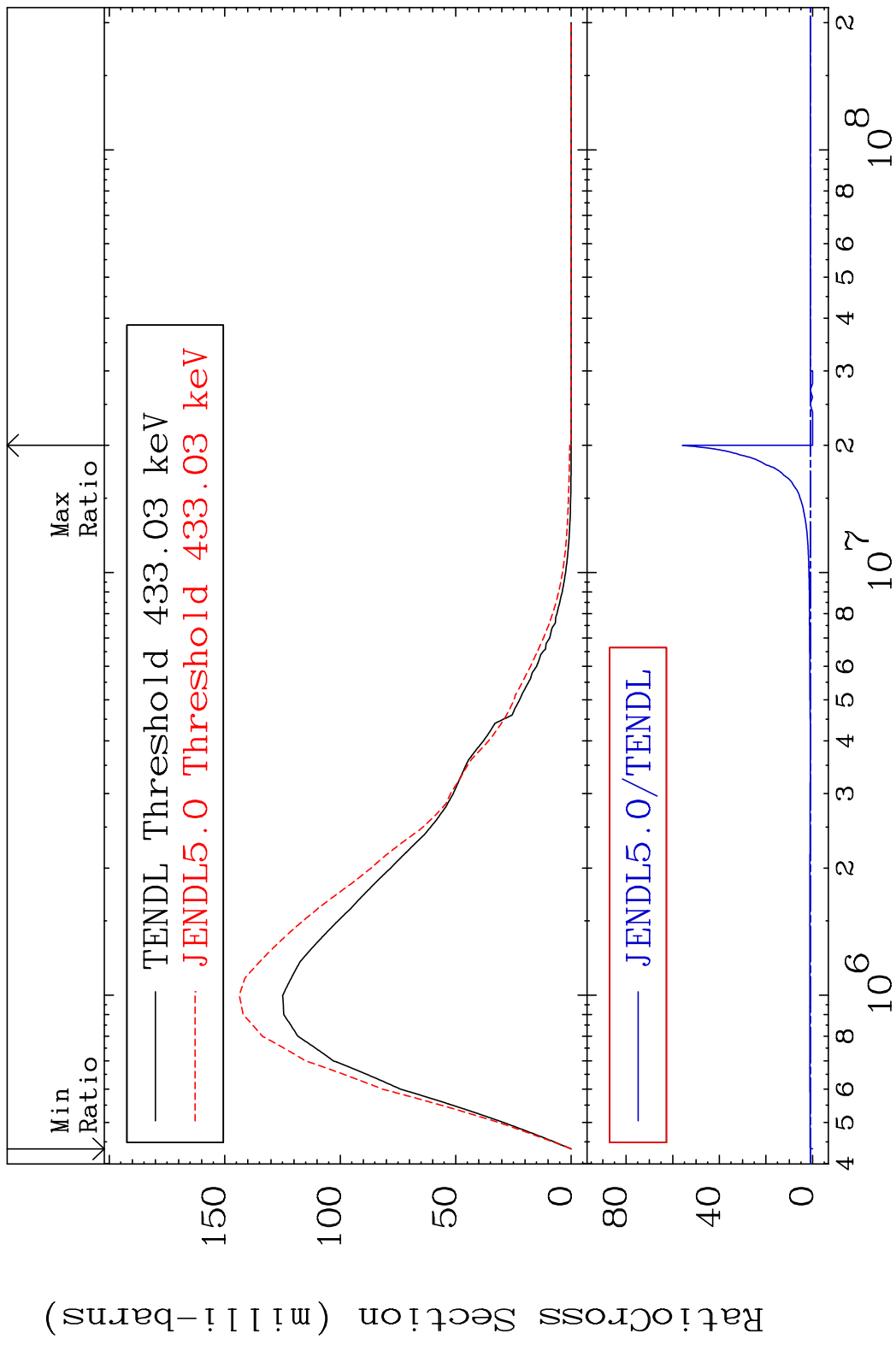


MAT 1322 MT= 51 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %

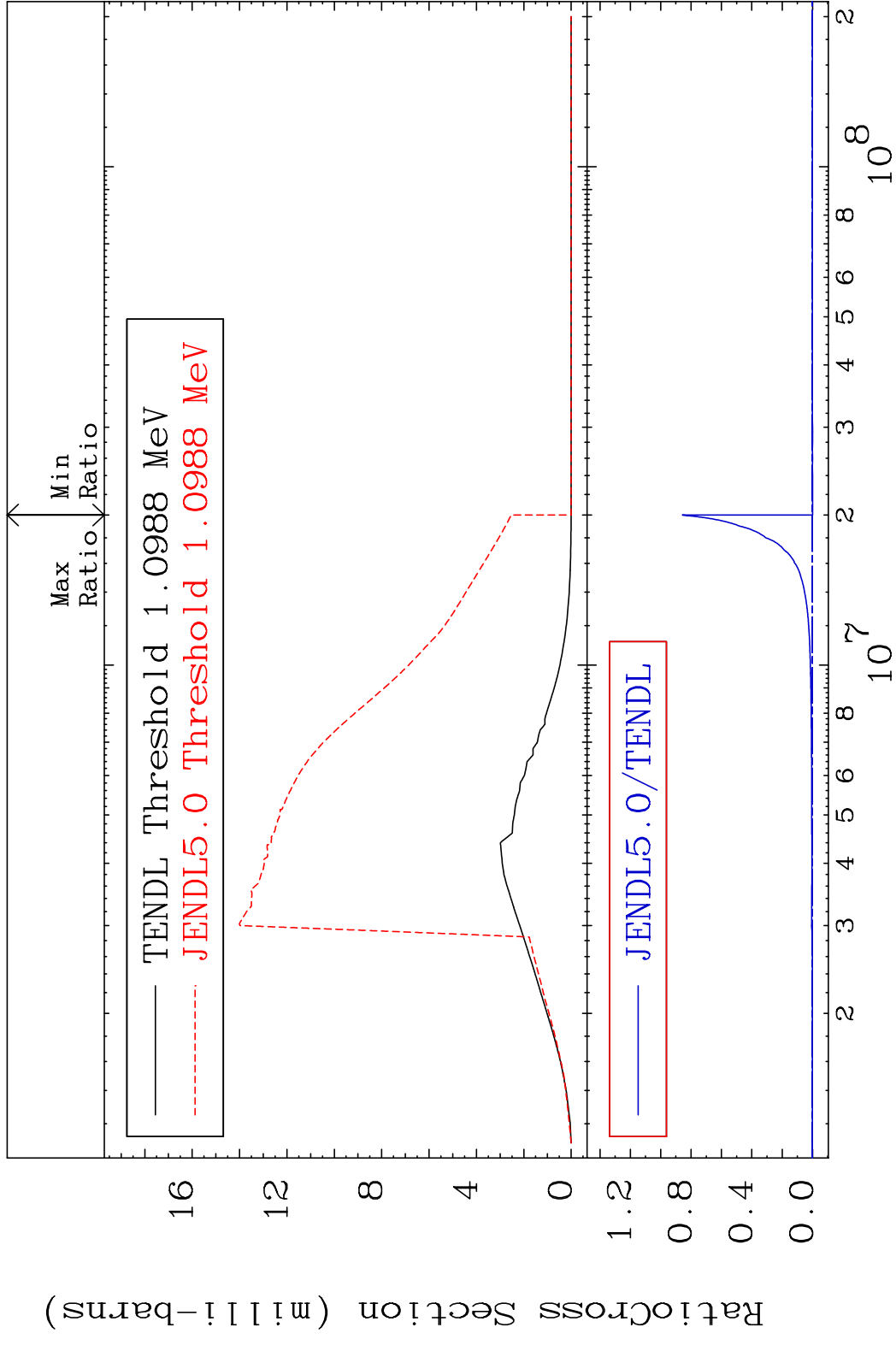


10 Incident Energy (eV) 13-Al-26

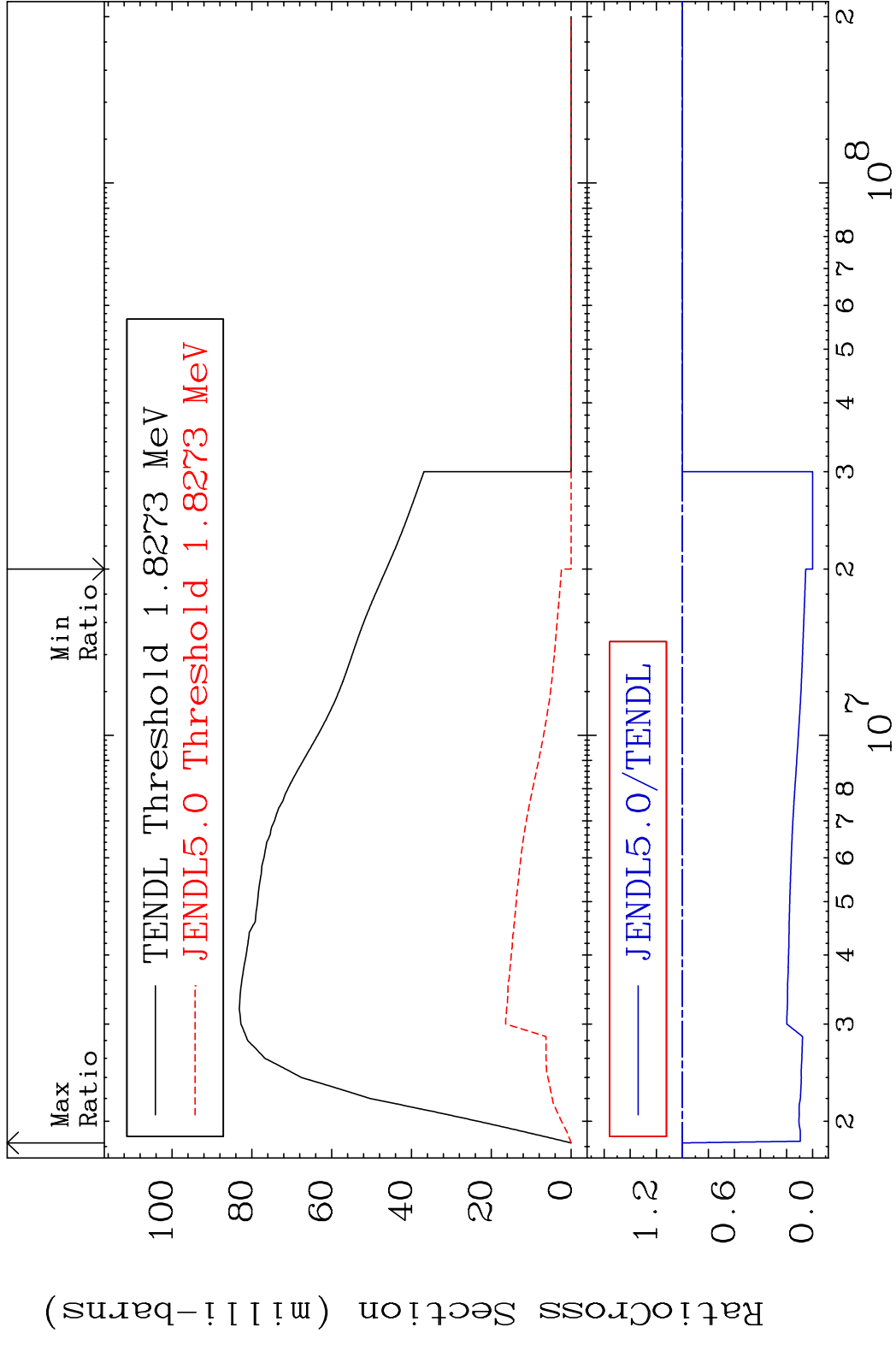
MAT 1322 MT= 52 (n, n') Level 13-A1-26
 Cross Section -100.0 To 5486. %



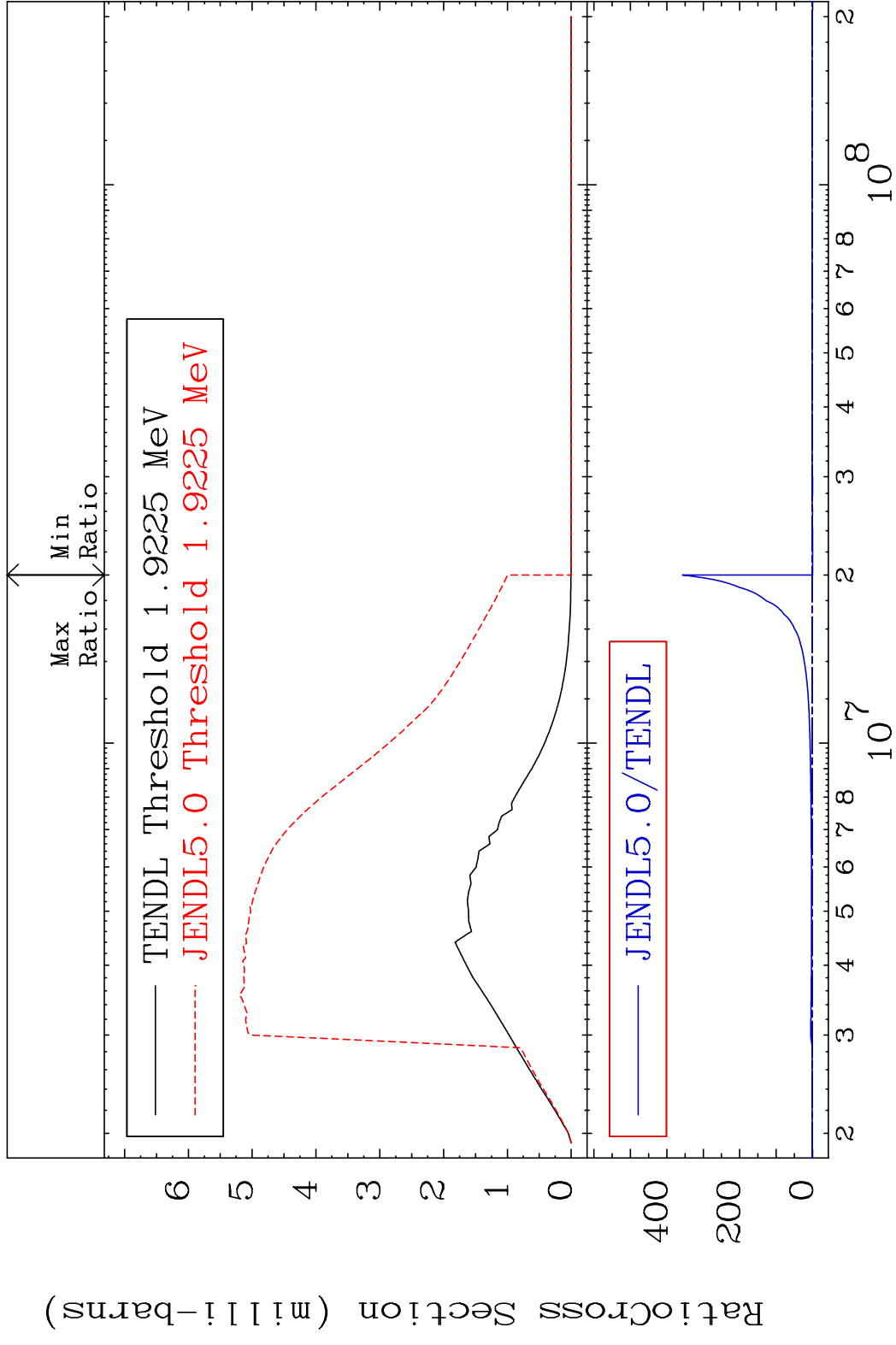
MAT 1322 MT= 53 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



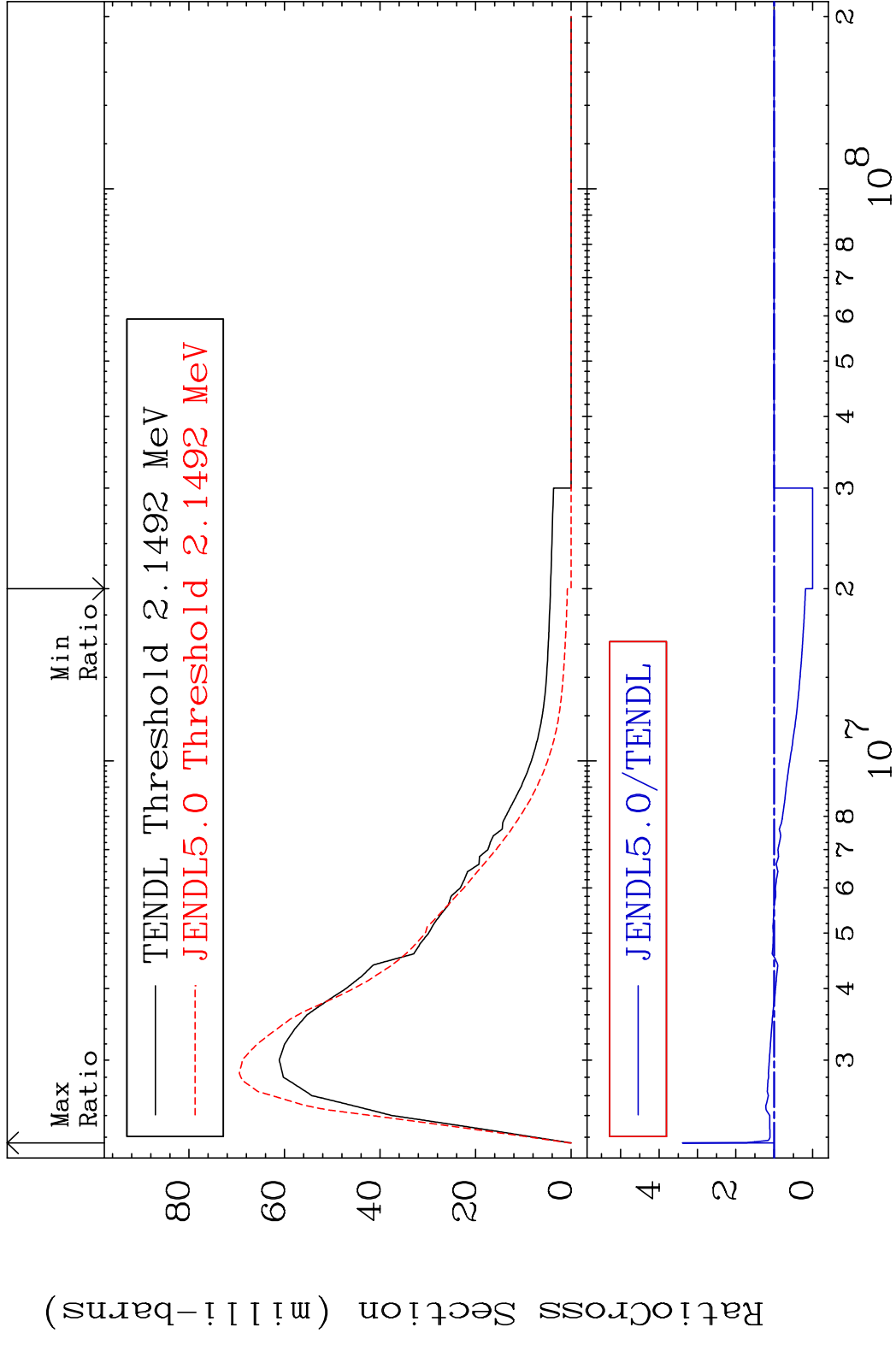
MAT 1322 MT= 54 (n, n') Level 13-A1-26
 Cross Section -100.0 To 0.000 %



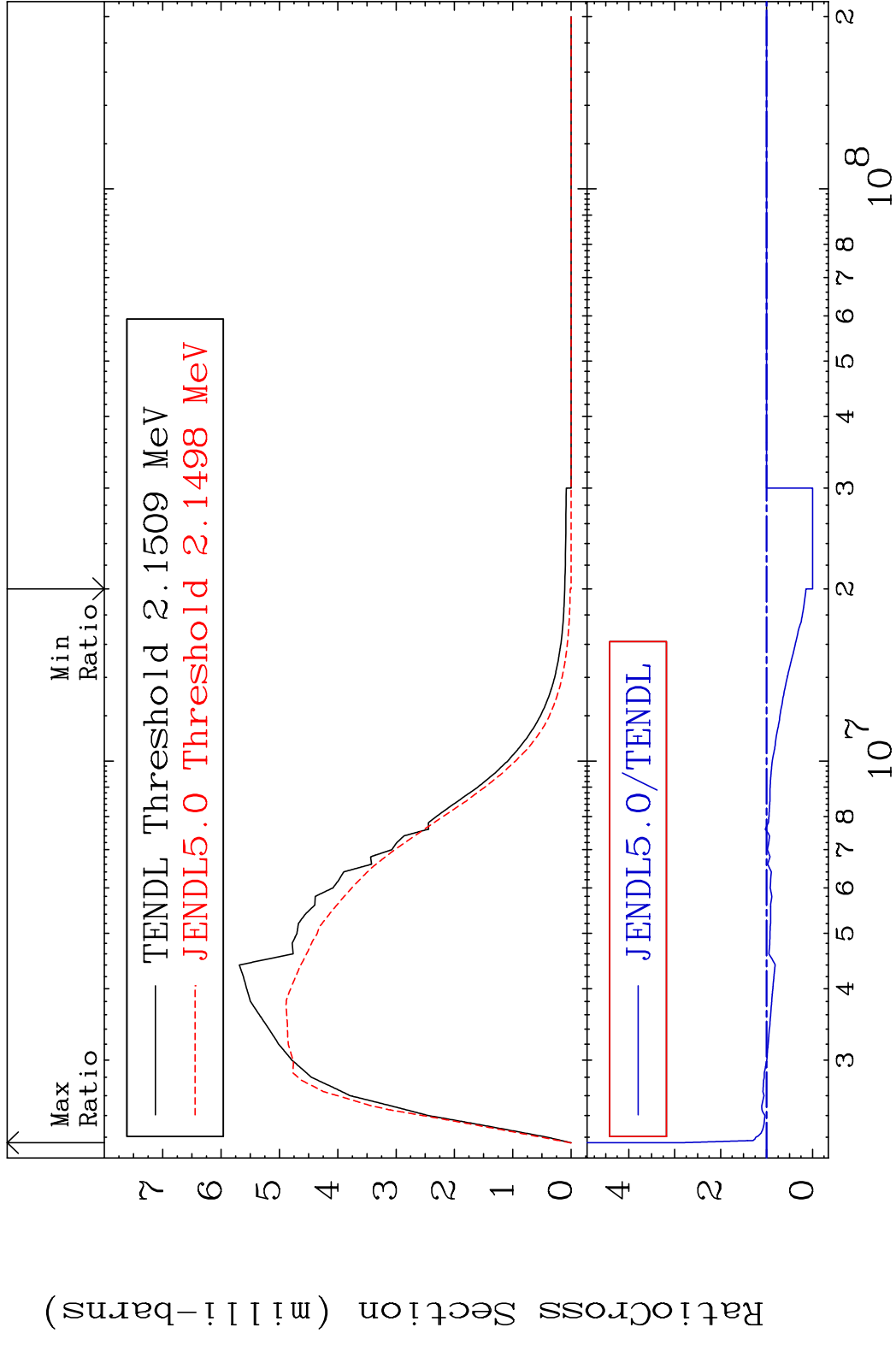
MAT 1322 MT= 55 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



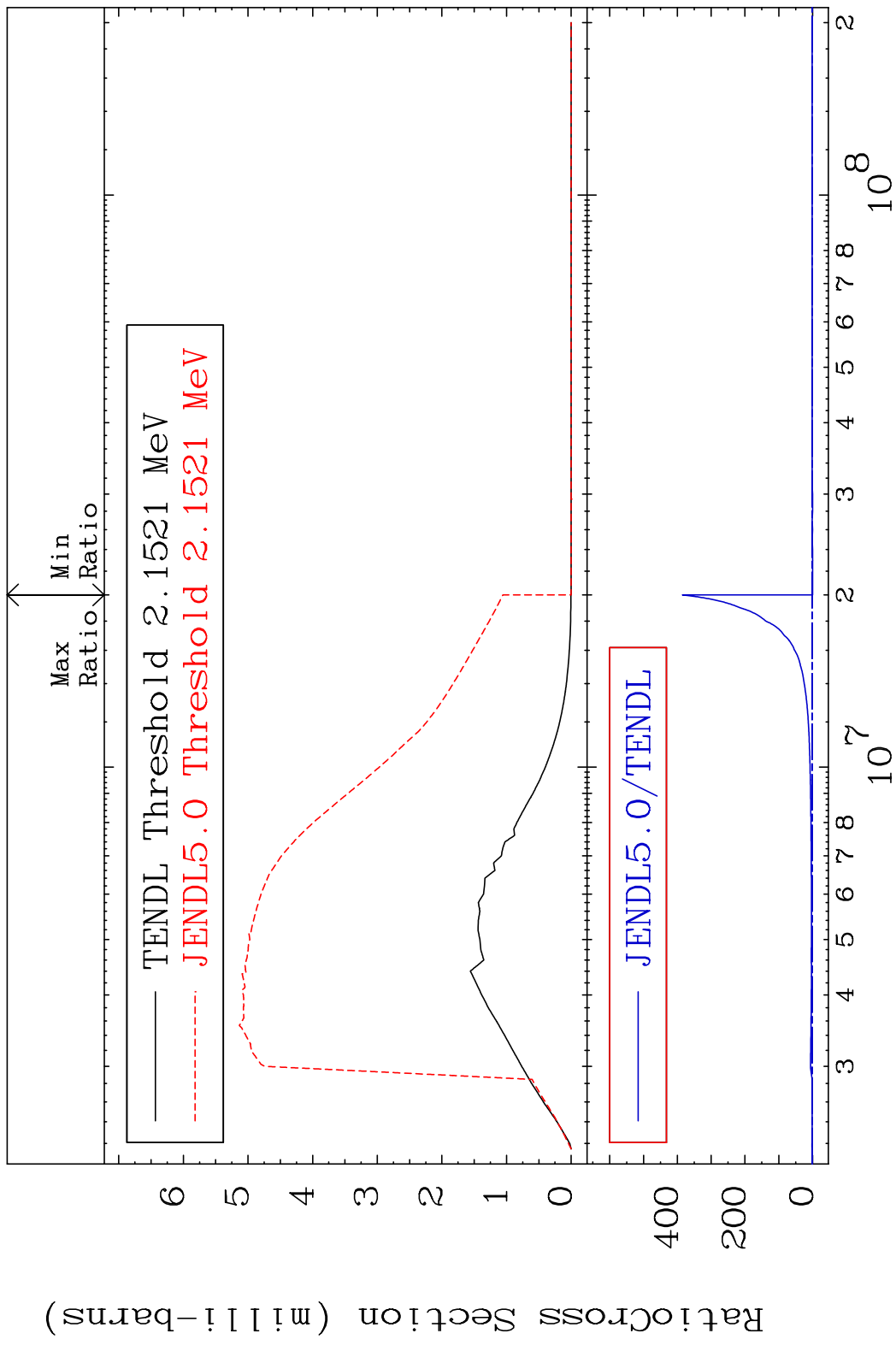
MAT 1322 MT= 56 (n, n') Level 13-Al-26
 Cross Section -100.0 To 239.3 %



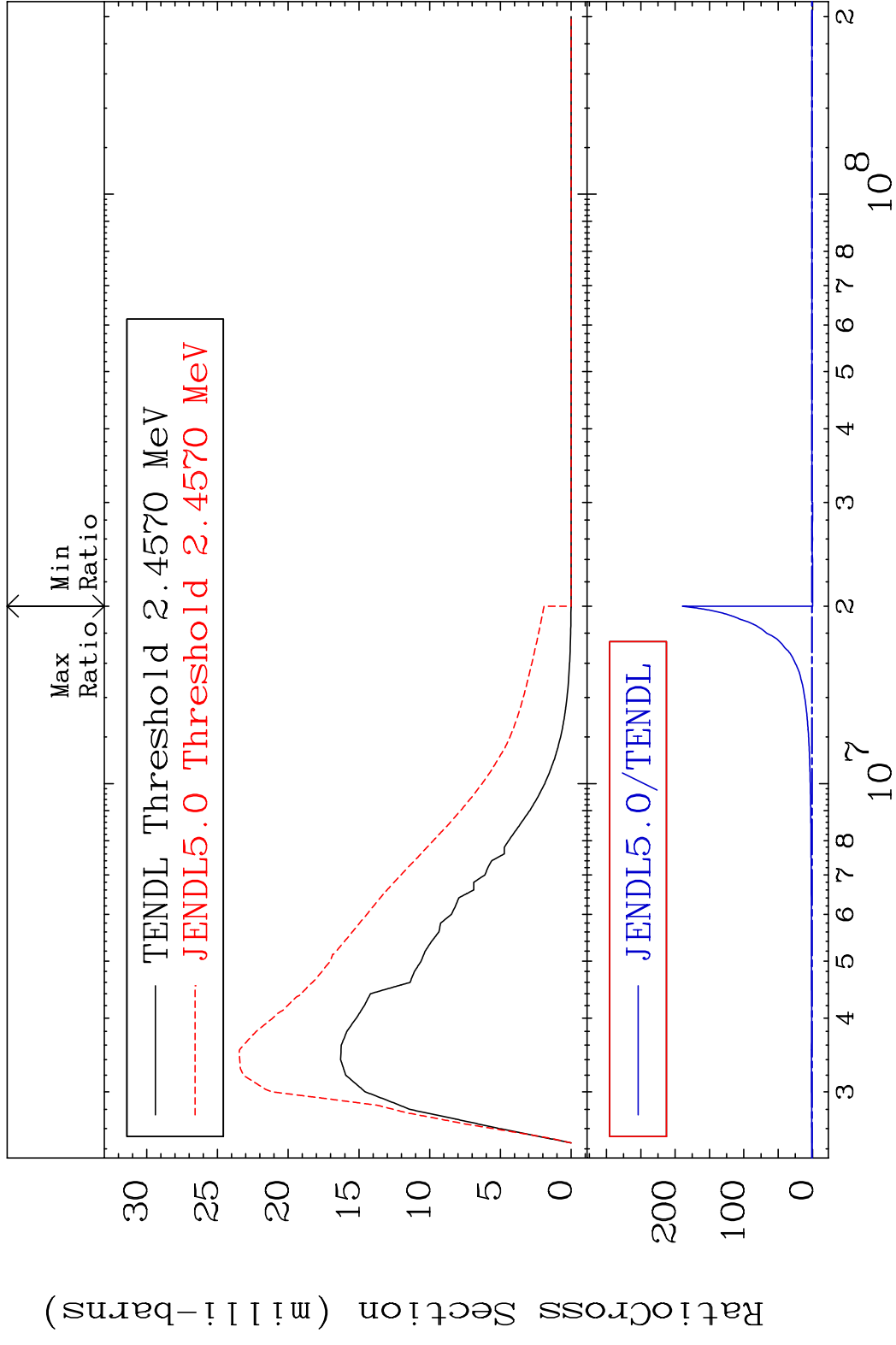
MAT 1322 MT= 57 (n, n') Level 13-A1-26
 Cross Section -100.0 To 183.3 %



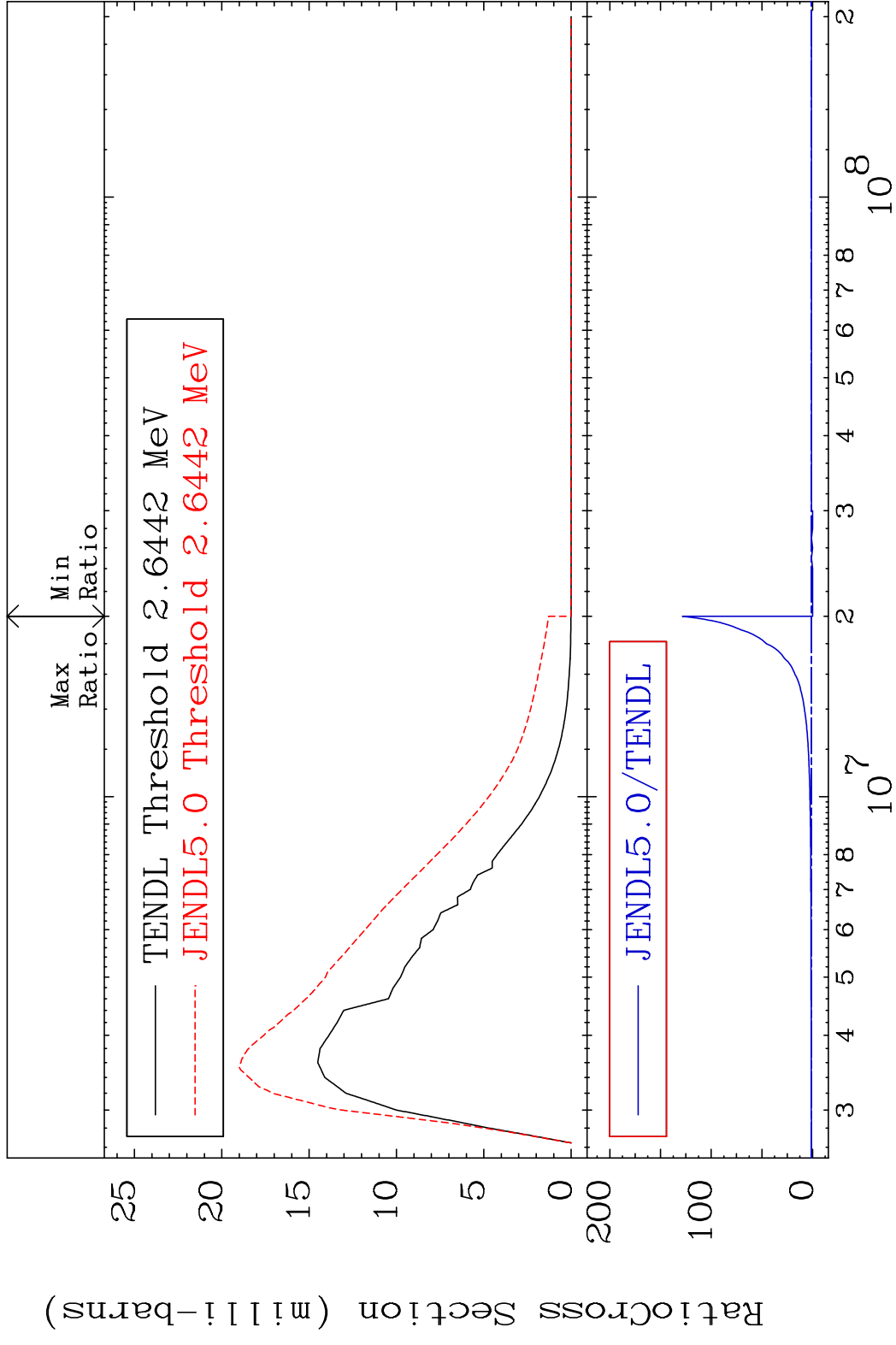
MAT 1322 MT= 58 (n, n') Level 13-A1-26
 Cross Section -100.0 To 9999. %



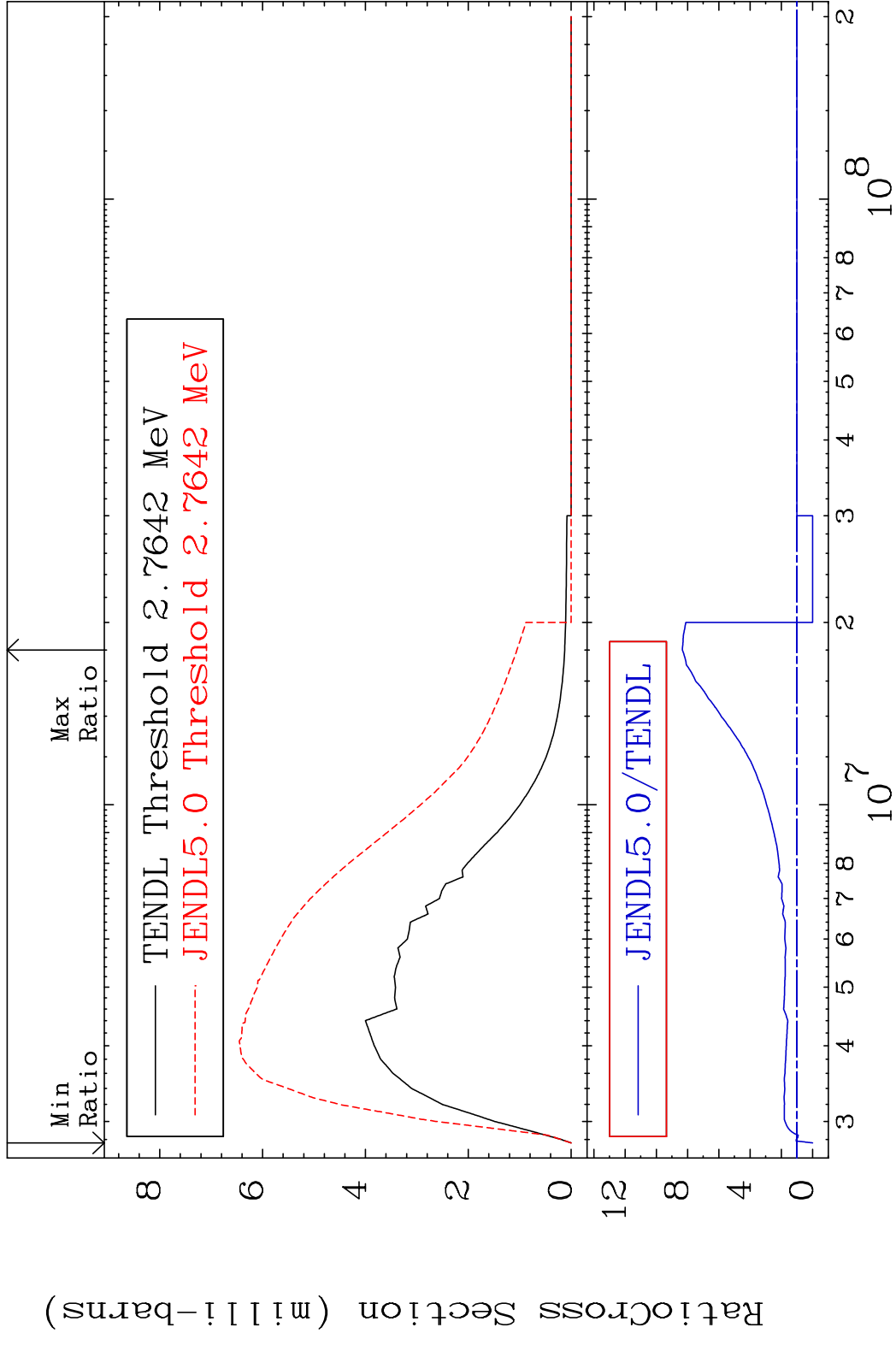
MAT 1322 MT= 59 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



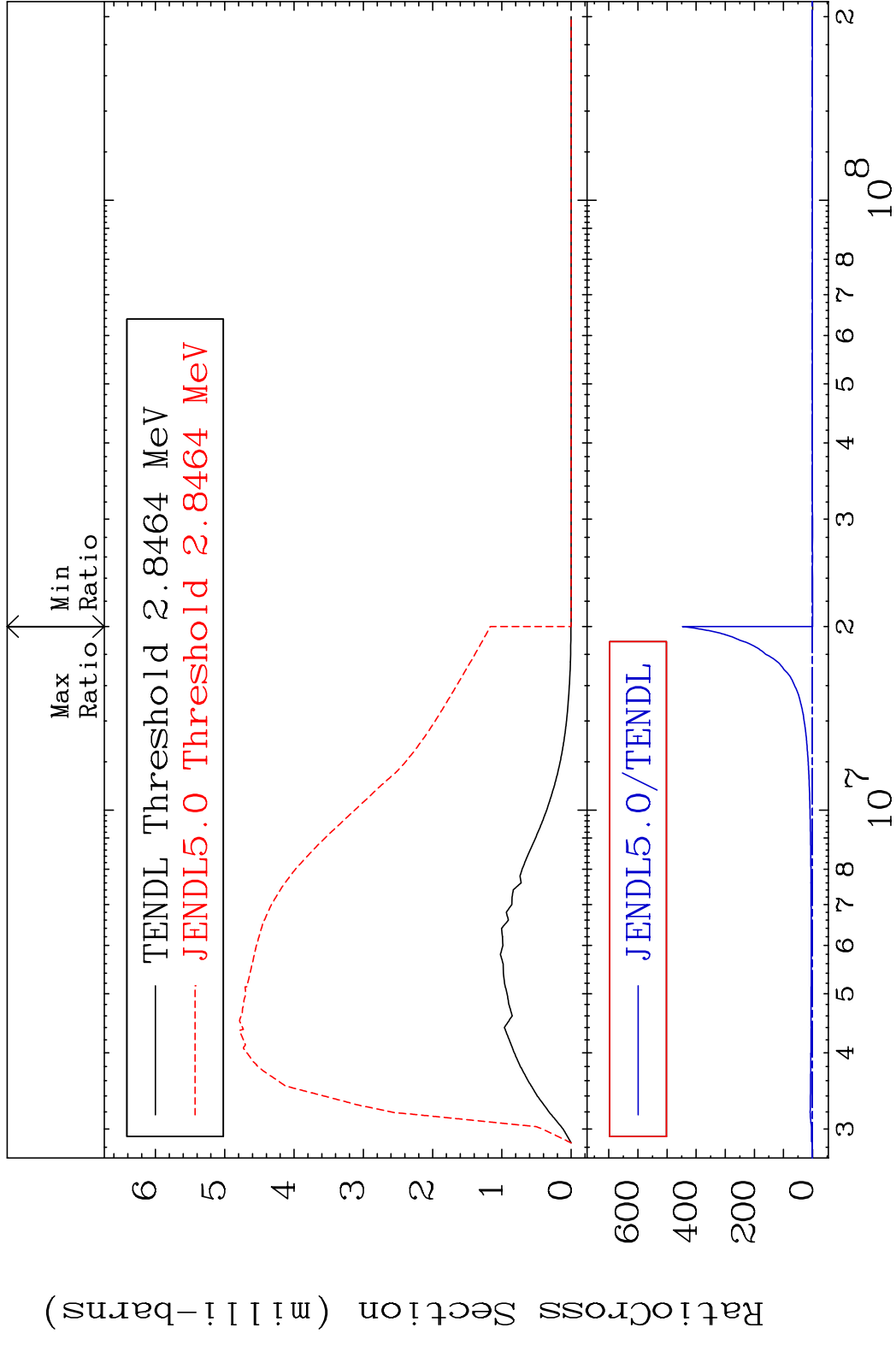
MAT 1322 MT= 60 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



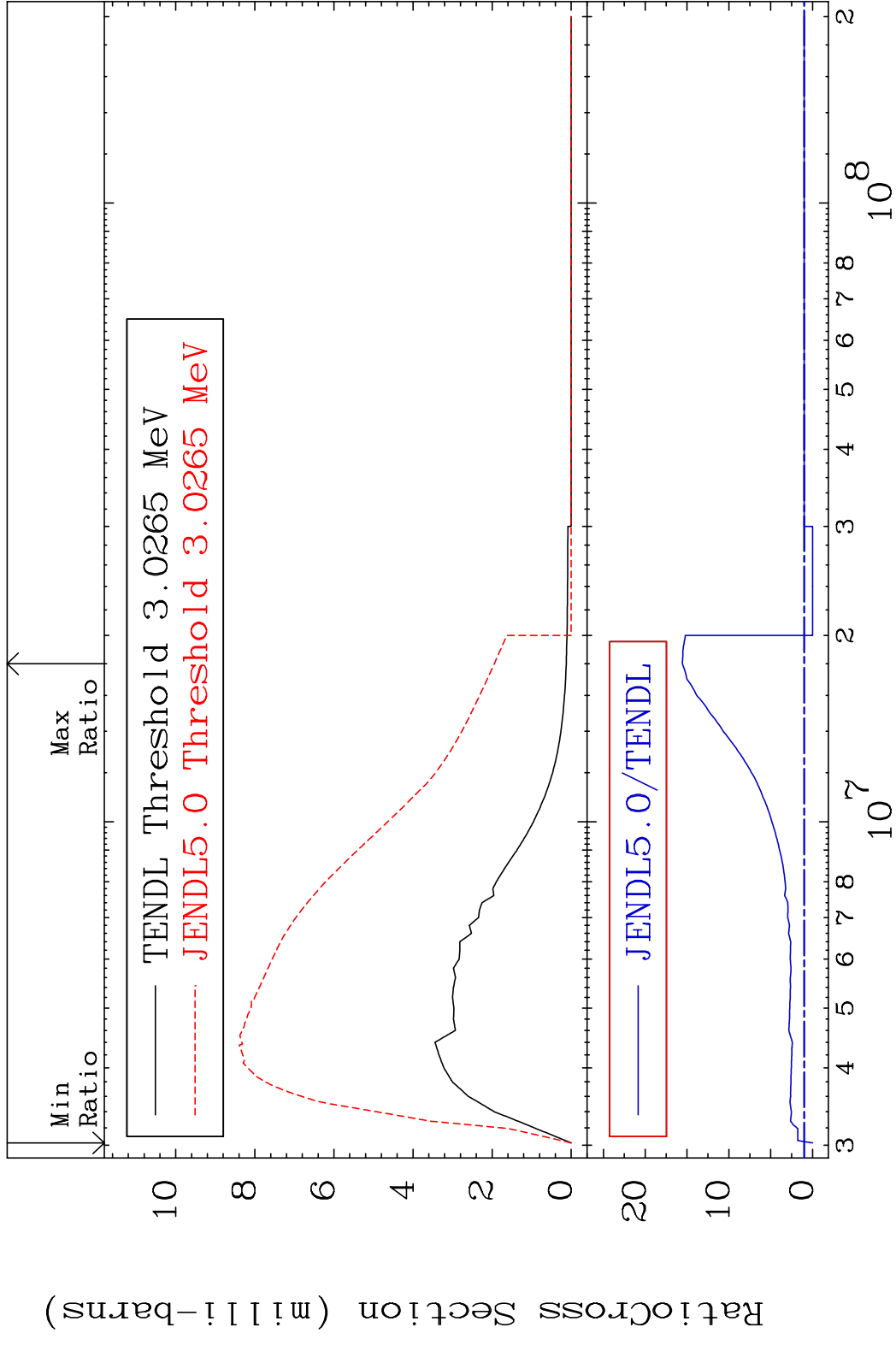
MAT 1322 MT= 61 (n, n') Level 13-A1-26
 Cross Section -100.0 To 733.4 %



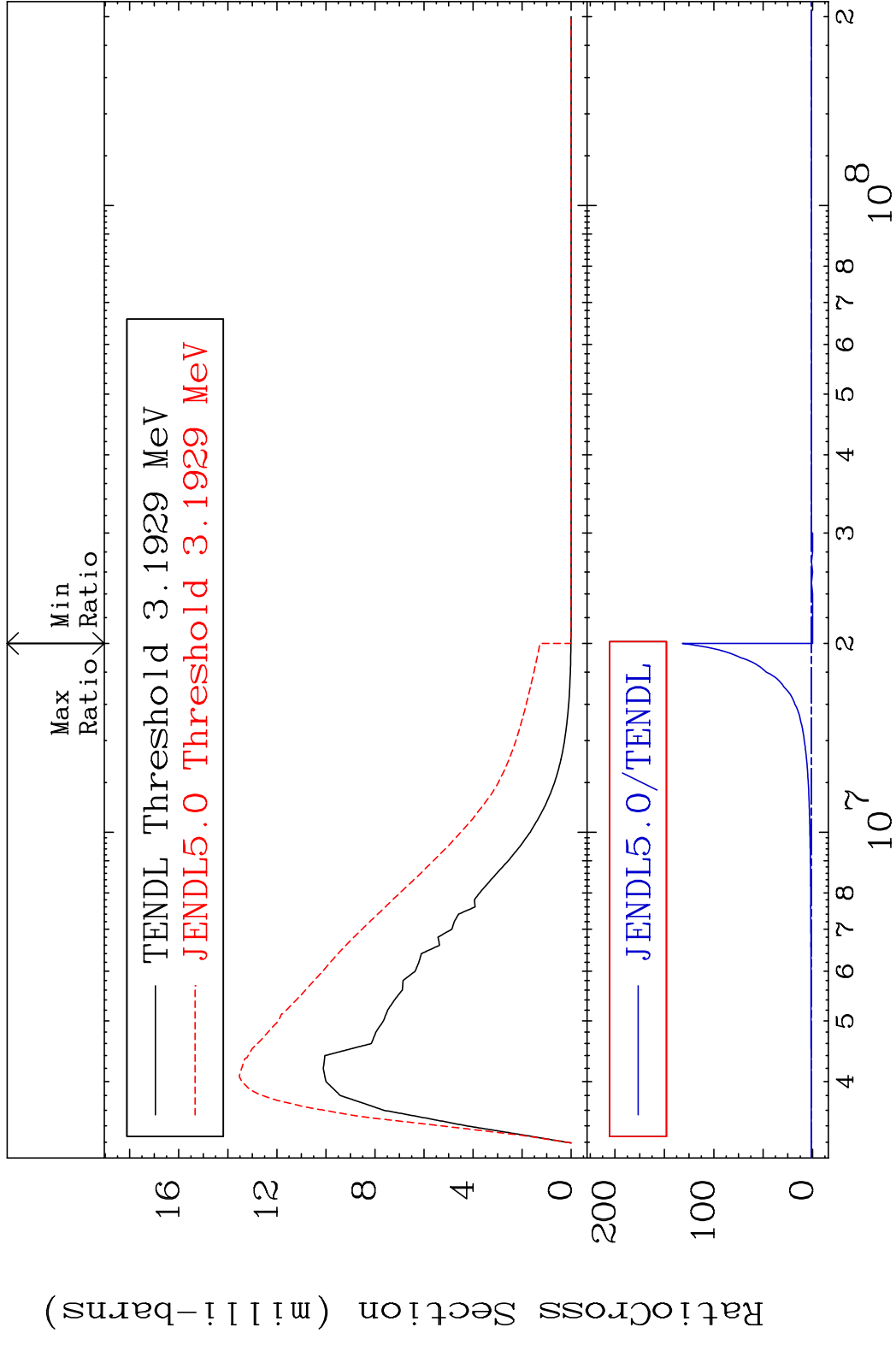
MAT 1322 MT= 62 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



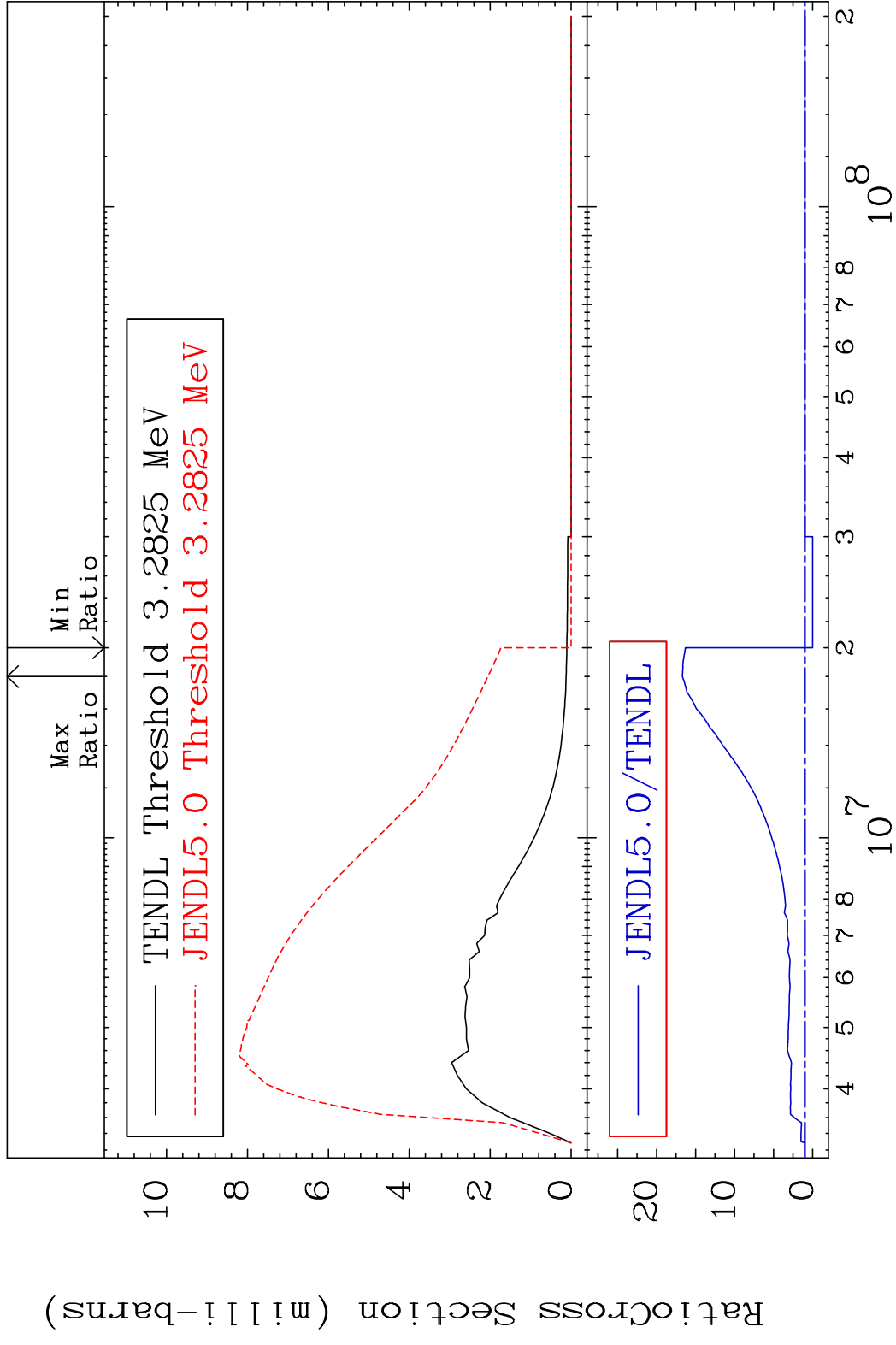
MAT 1322 MT= 63 (n, n') Level 13-A1-26
 Cross Section -100.0 To 1456. %



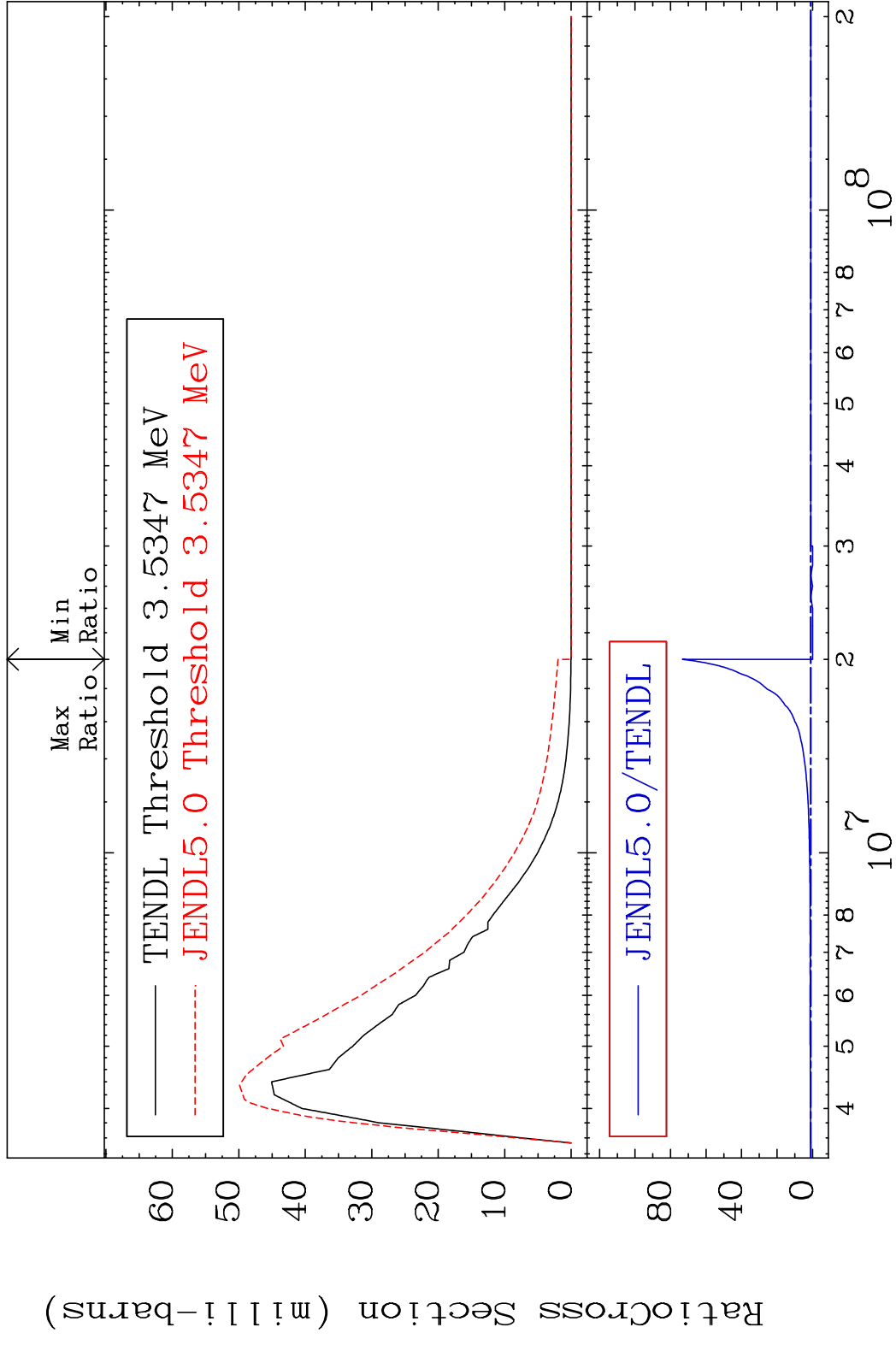
MAT 1322 MT= 64 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



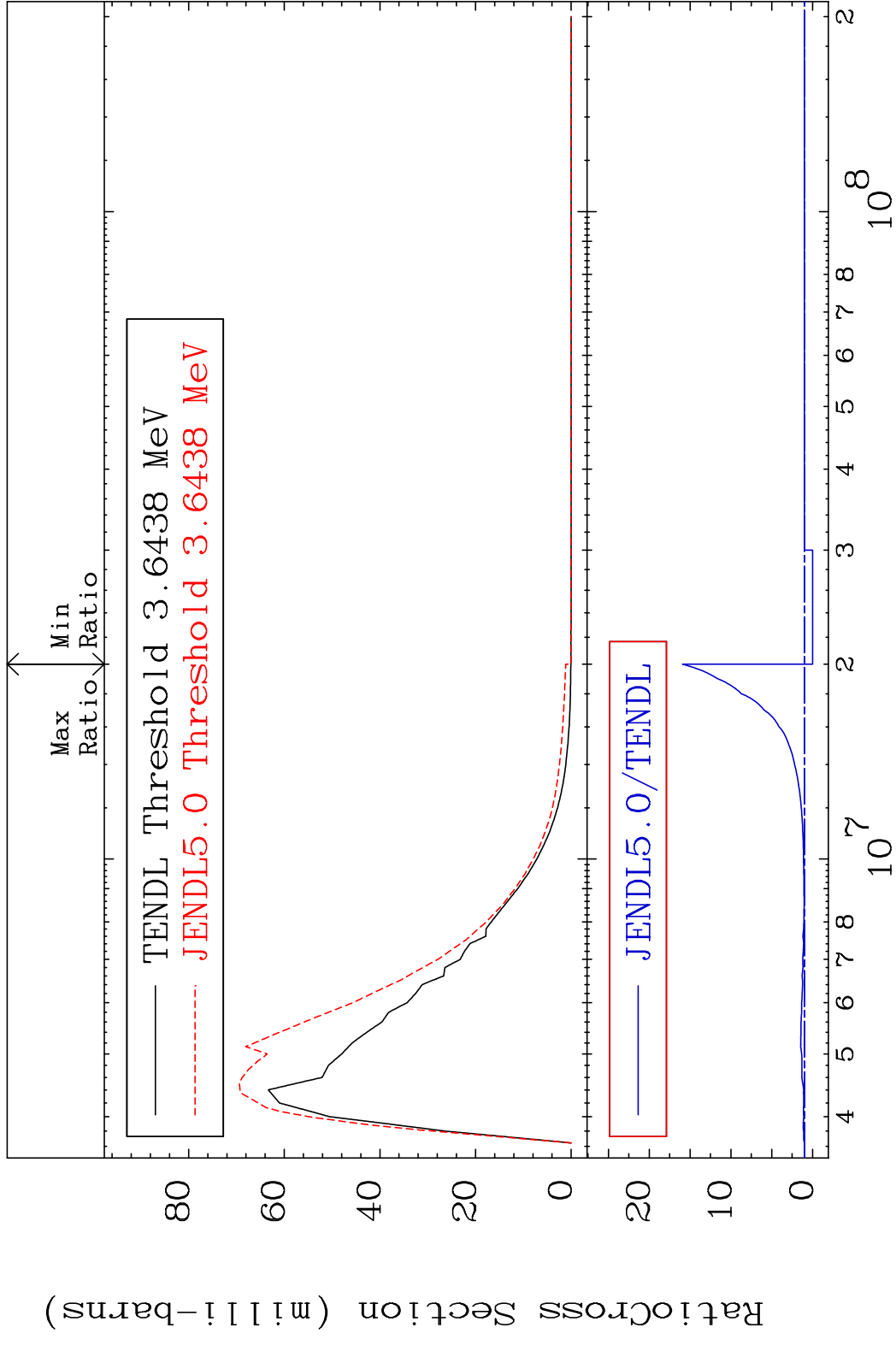
MAT 1322 MT= 65 (n, n') Level 13-Al-26
 Cross Section -100.0 To 1569. %



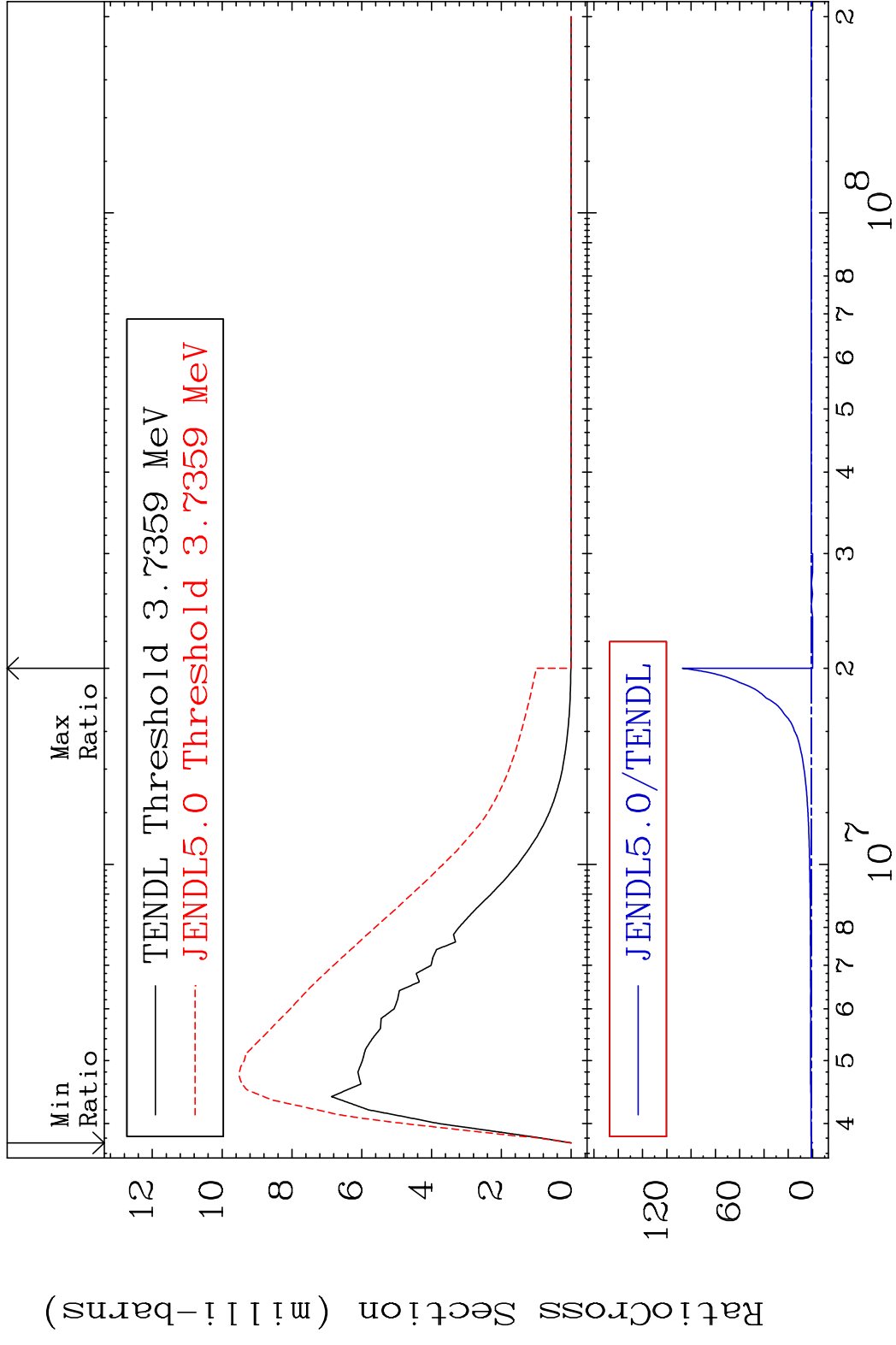
MAT 1322 MT= 66 (n, n') Level 13-Al-26
 Cross Section -100.0 To 7235. %



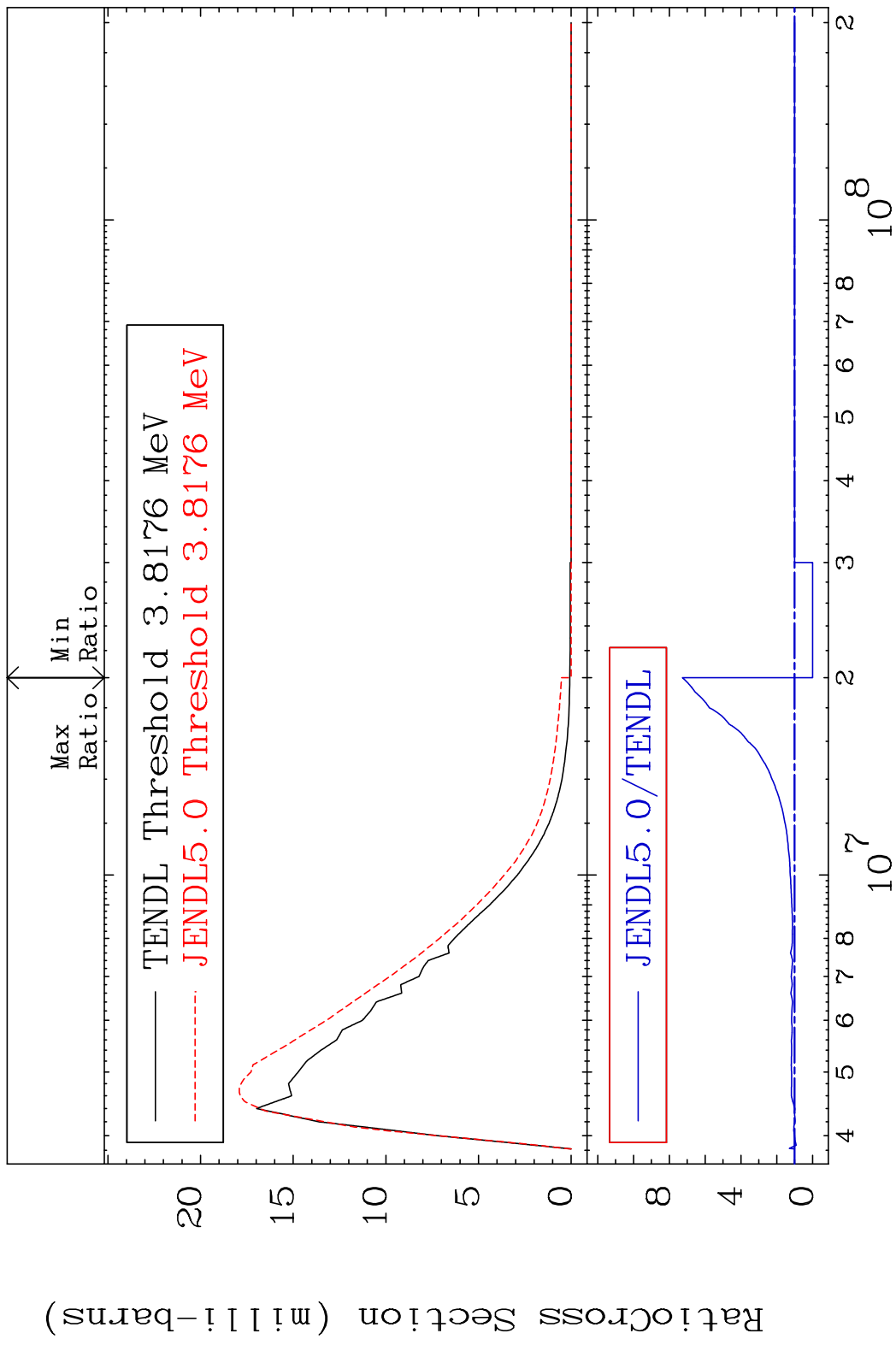
MAT 1322 MT= 67 (n, n') Level 13-Al-26
 Cross Section -100.0 To 1495. %



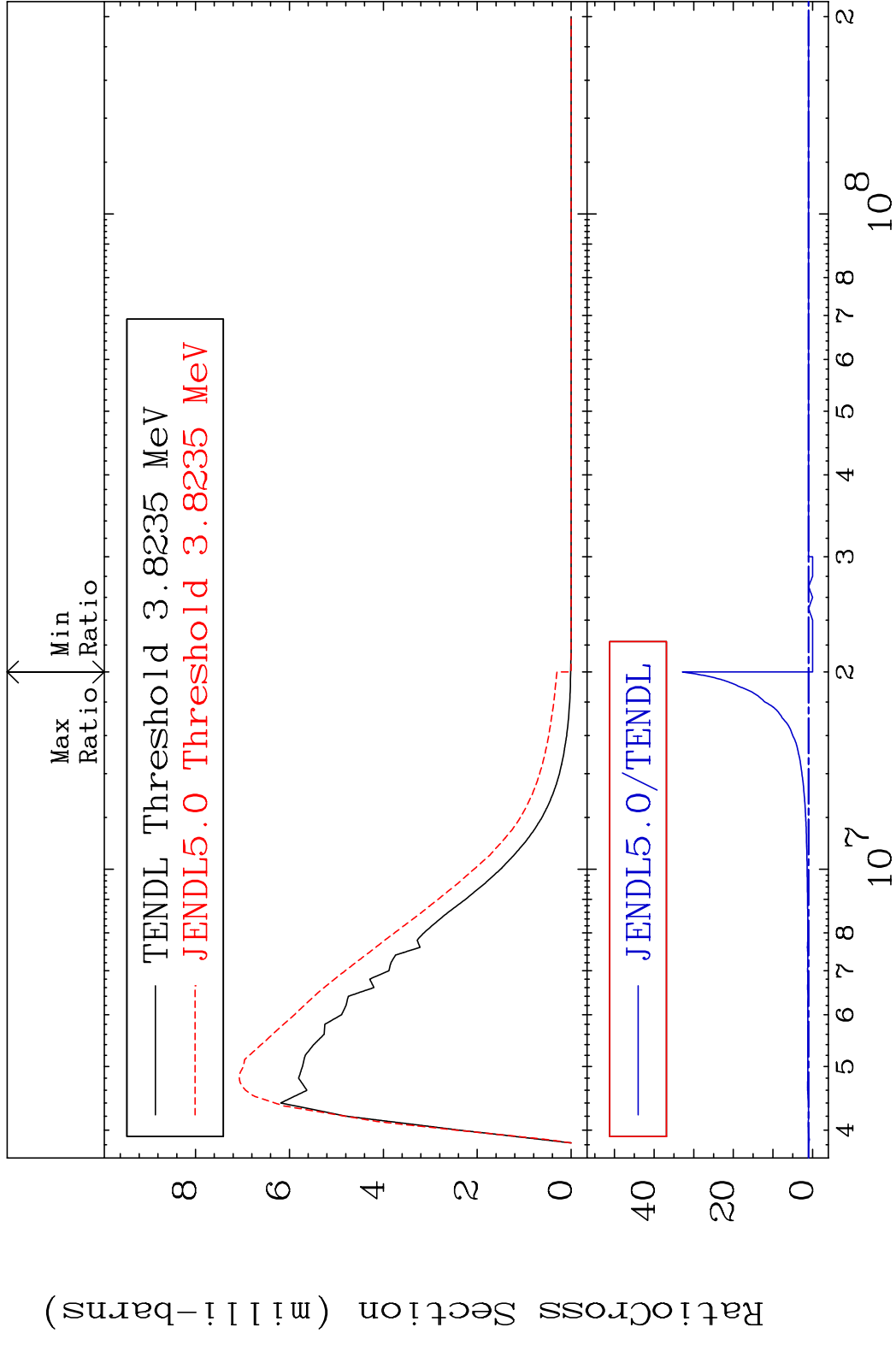
MAT 1322 MT= 68 (n,n') Level 13-A1-26
 Cross Section -100.0 To 9999. %



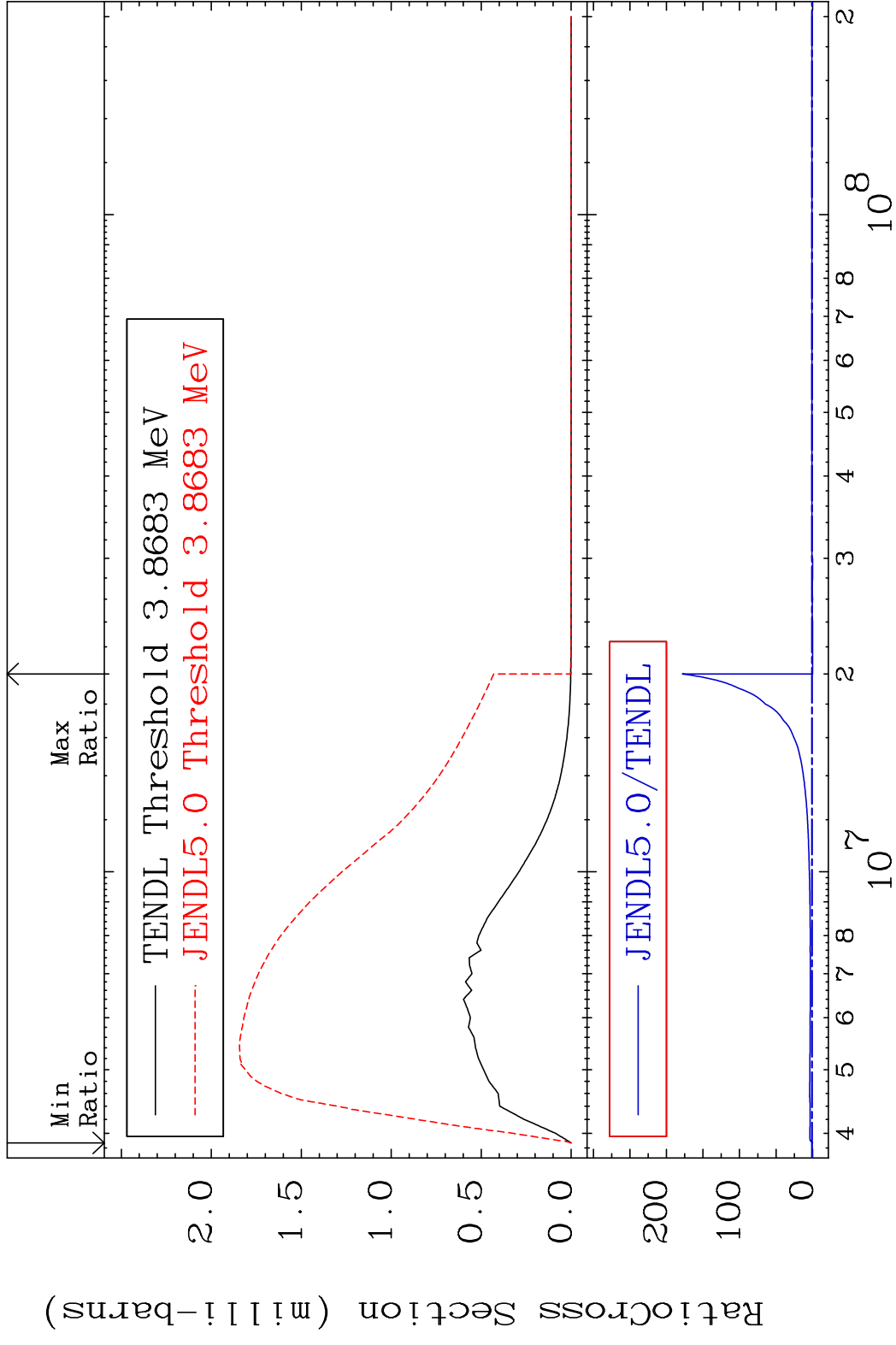
MAT 1322 MT= 69 (n, n') Level 13-Al-26
 Cross Section -100.0 To 627.1 %



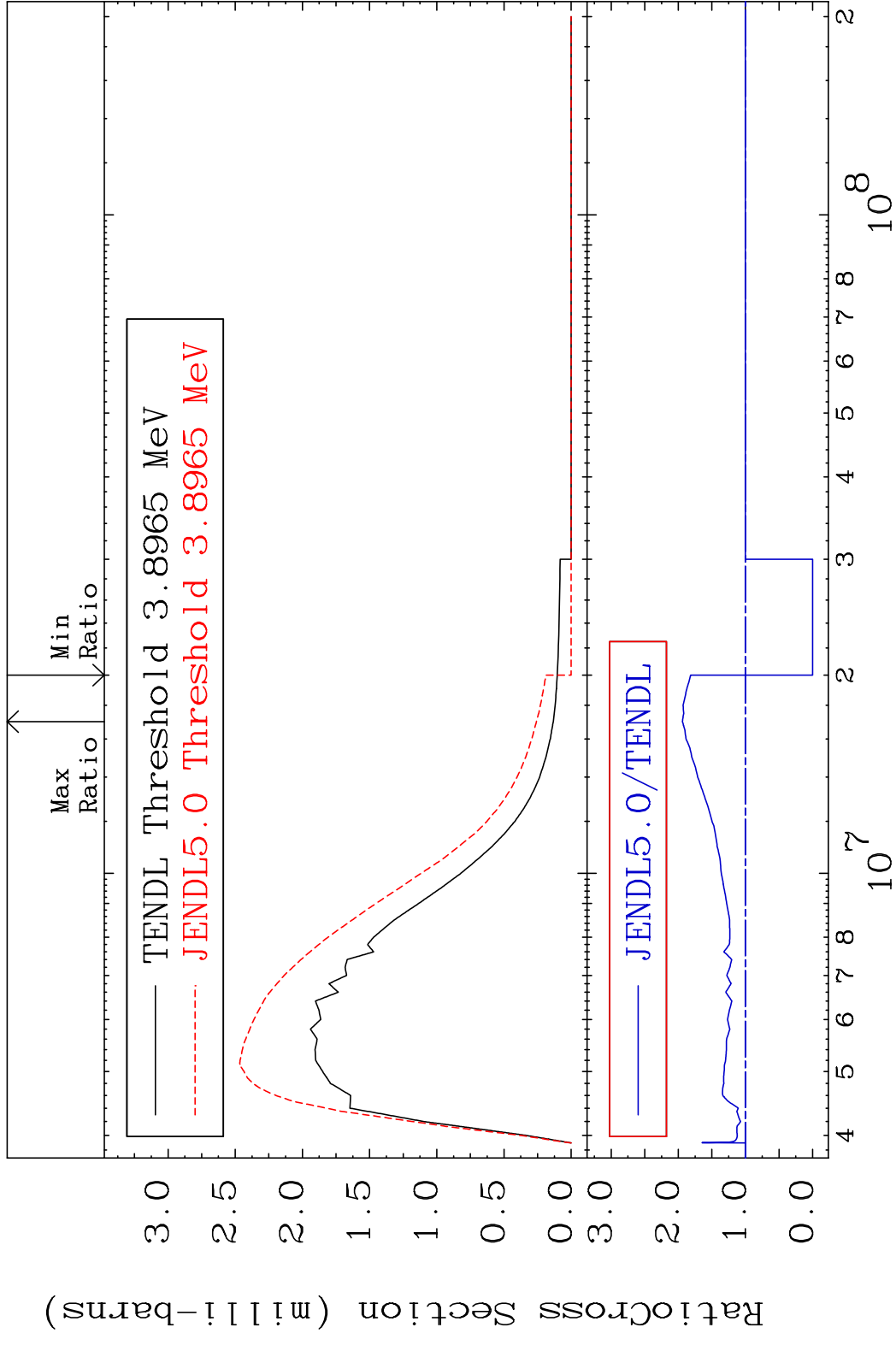
MAT 1322 MT= 70 (n, n') Level 13-Al-26
 Cross Section -100.0 To 3187. %



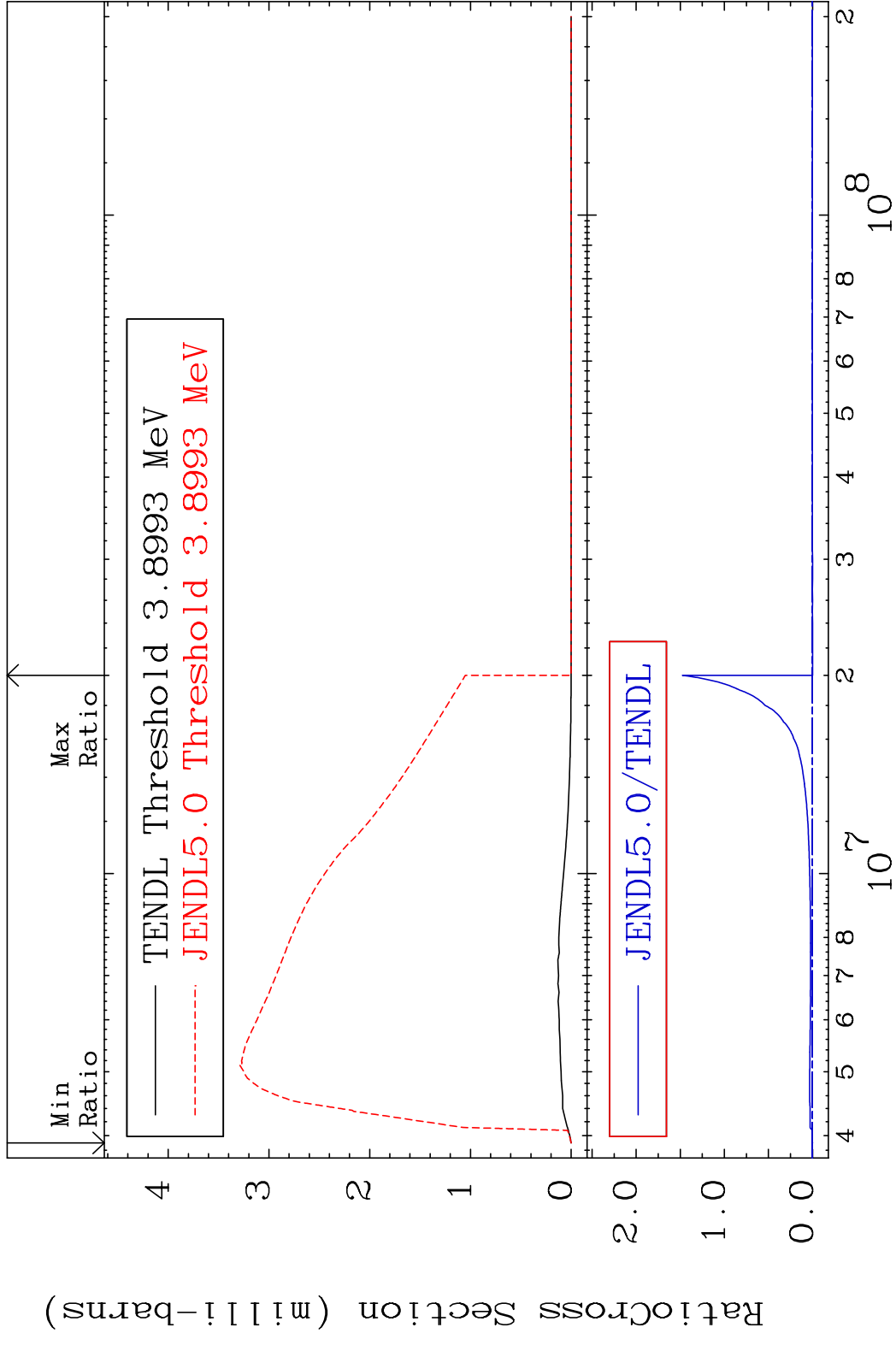
MAT 1322 MT= 71 (n,n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



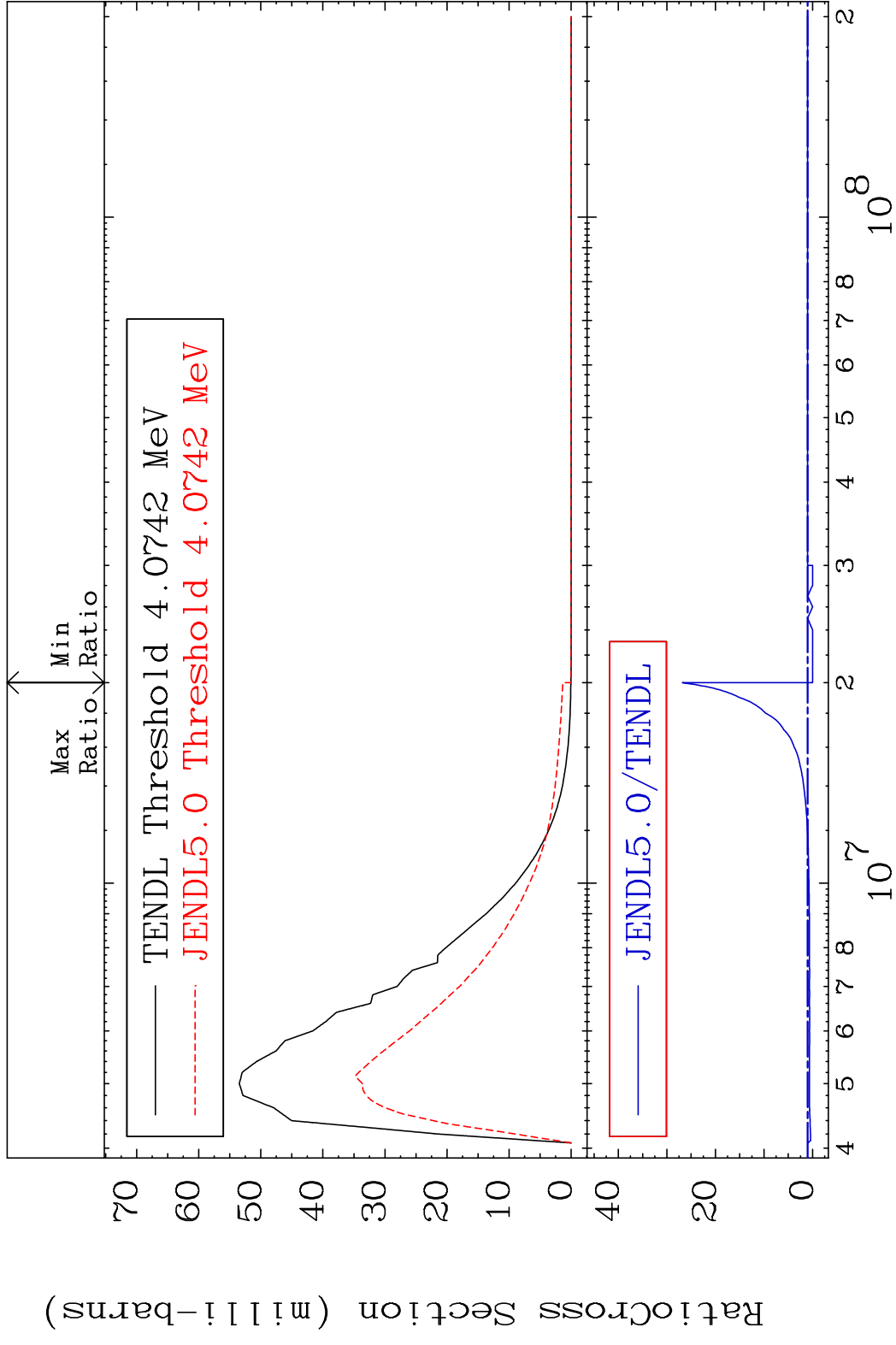
MAT 1322 MT= 72 (n, n') Level 13-A1-26
 Cross Section -100.0 To 93.97 %



MAT 1322 MT= 73 (n, n') Level 13-A1-26
 Cross Section -100.0 To 9999. %

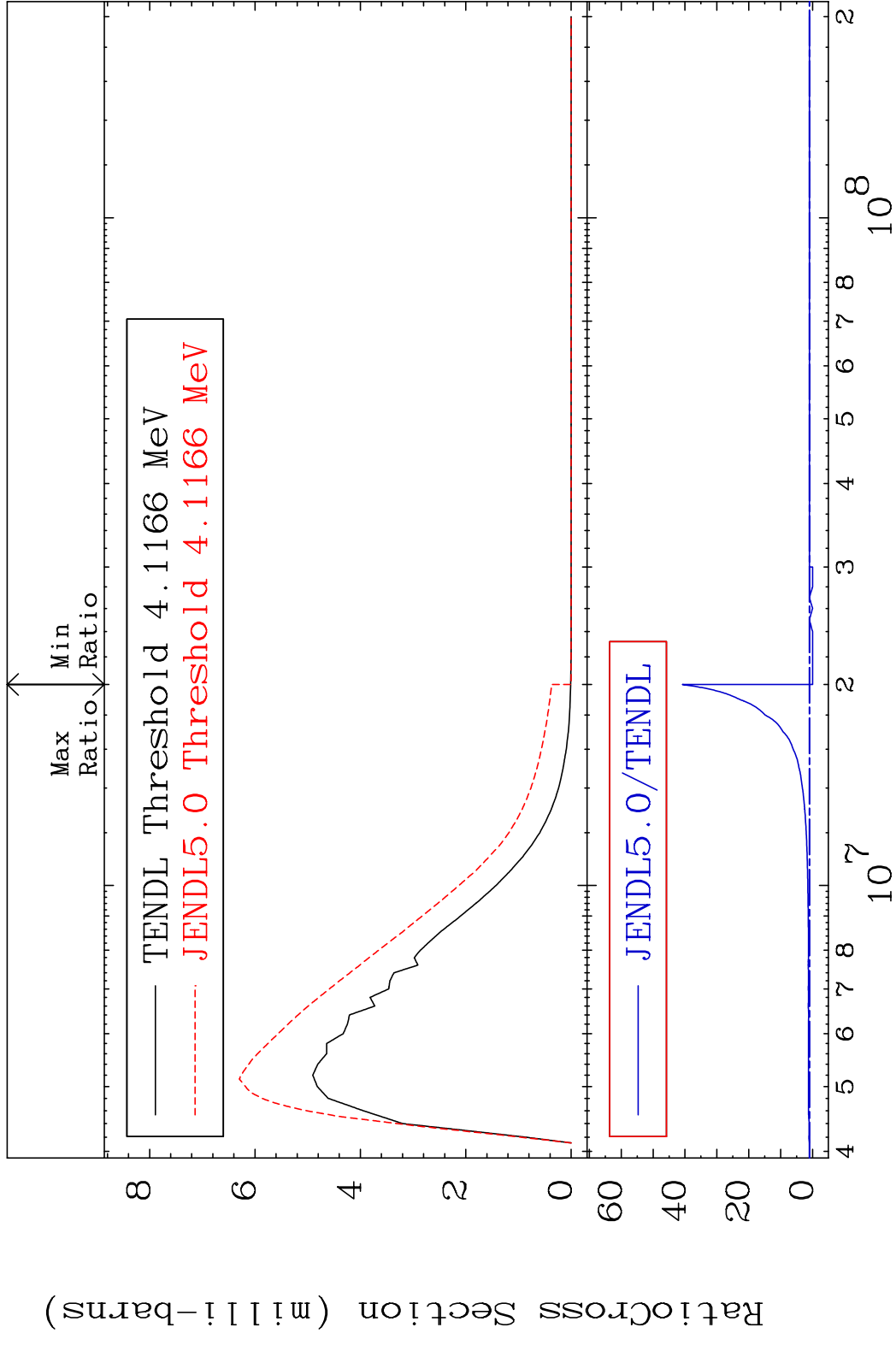


MAT 1322 MT= 74 (n, n') Level 13-Al-26
 Cross Section -100.0 To 2581. %

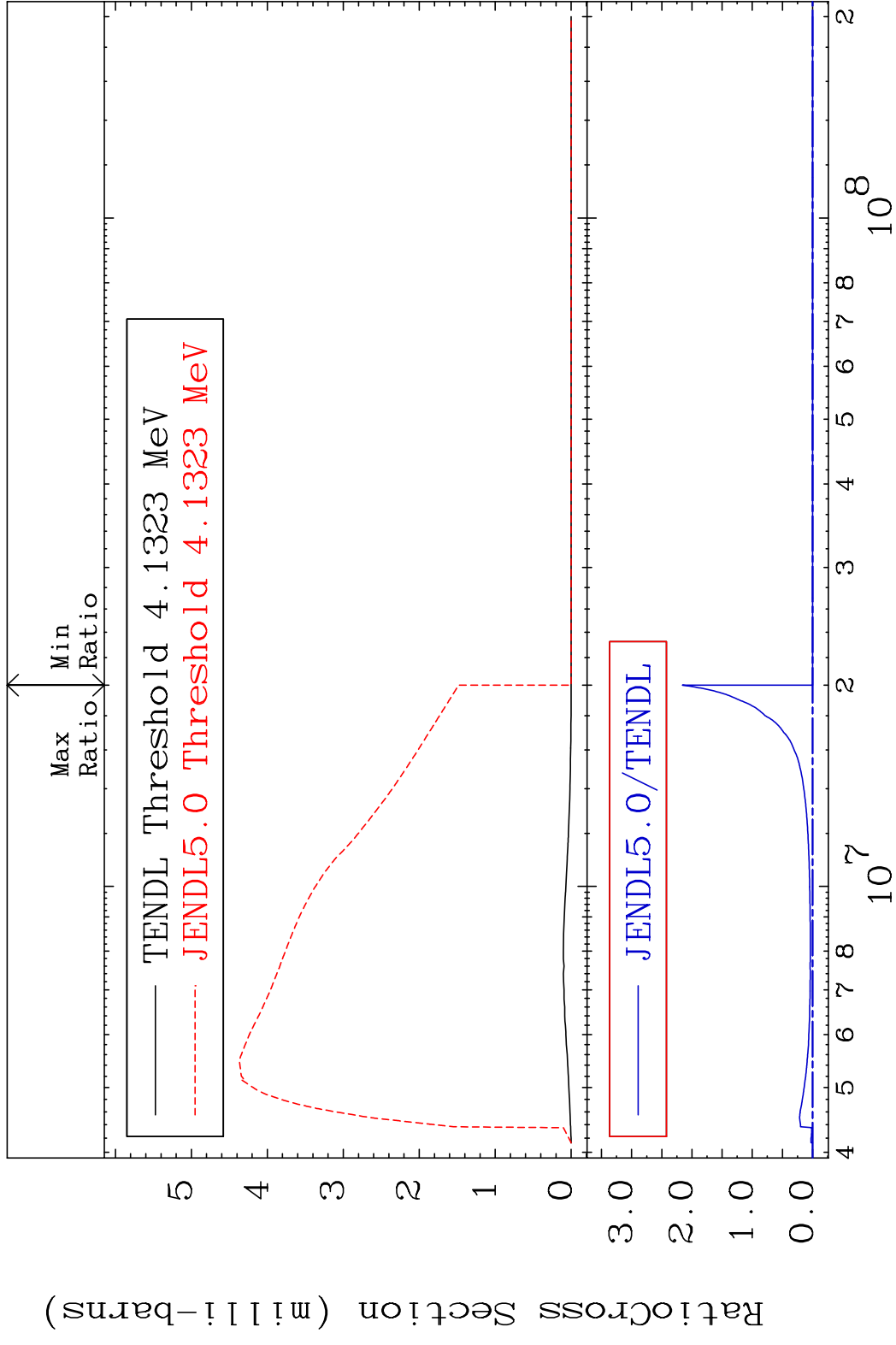


33 Incident Energy (eV) 13-Al-26

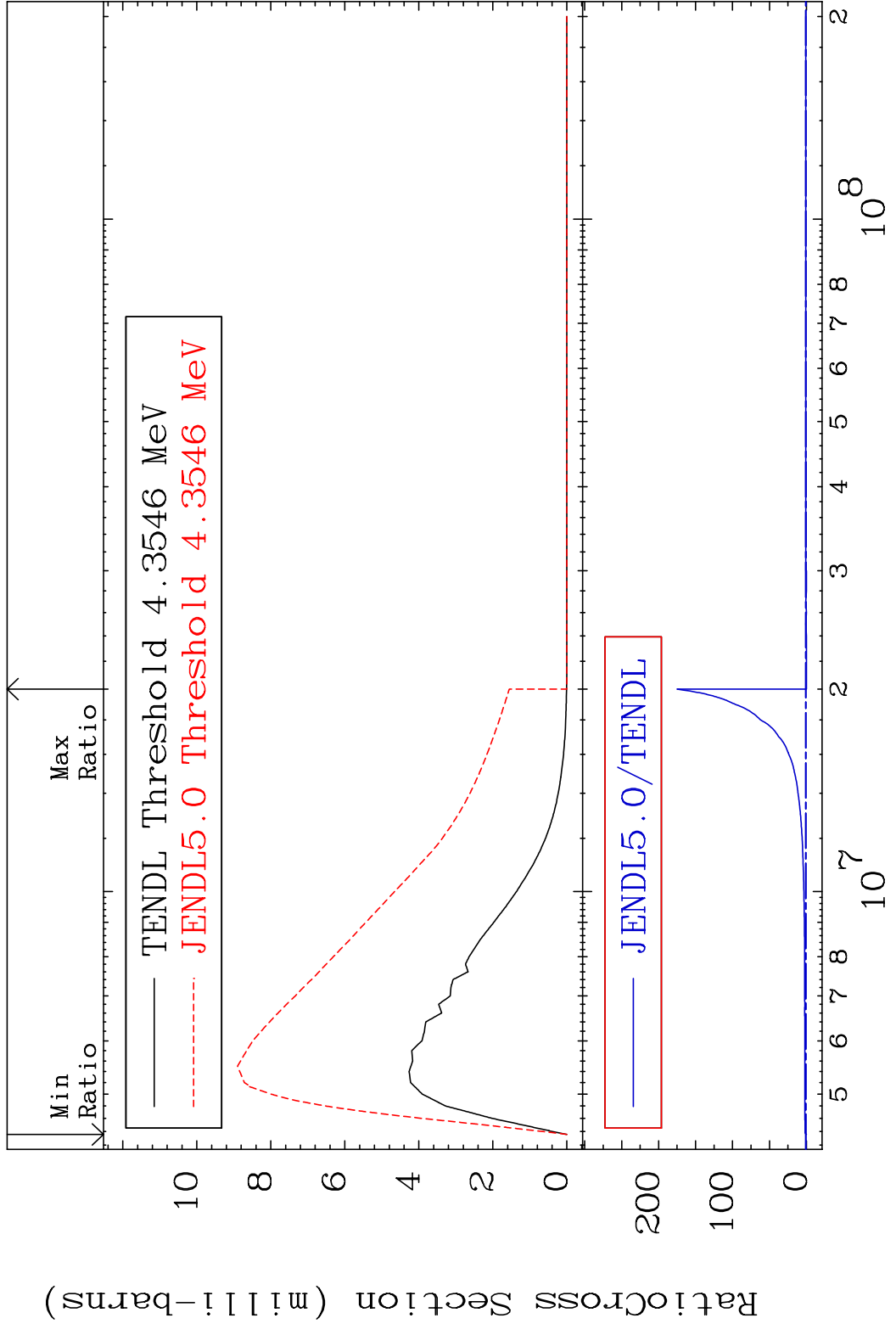
MAT 1322 MT= 75 (n, n') Level 13-Al-26
 Cross Section -100.0 To 3983. %



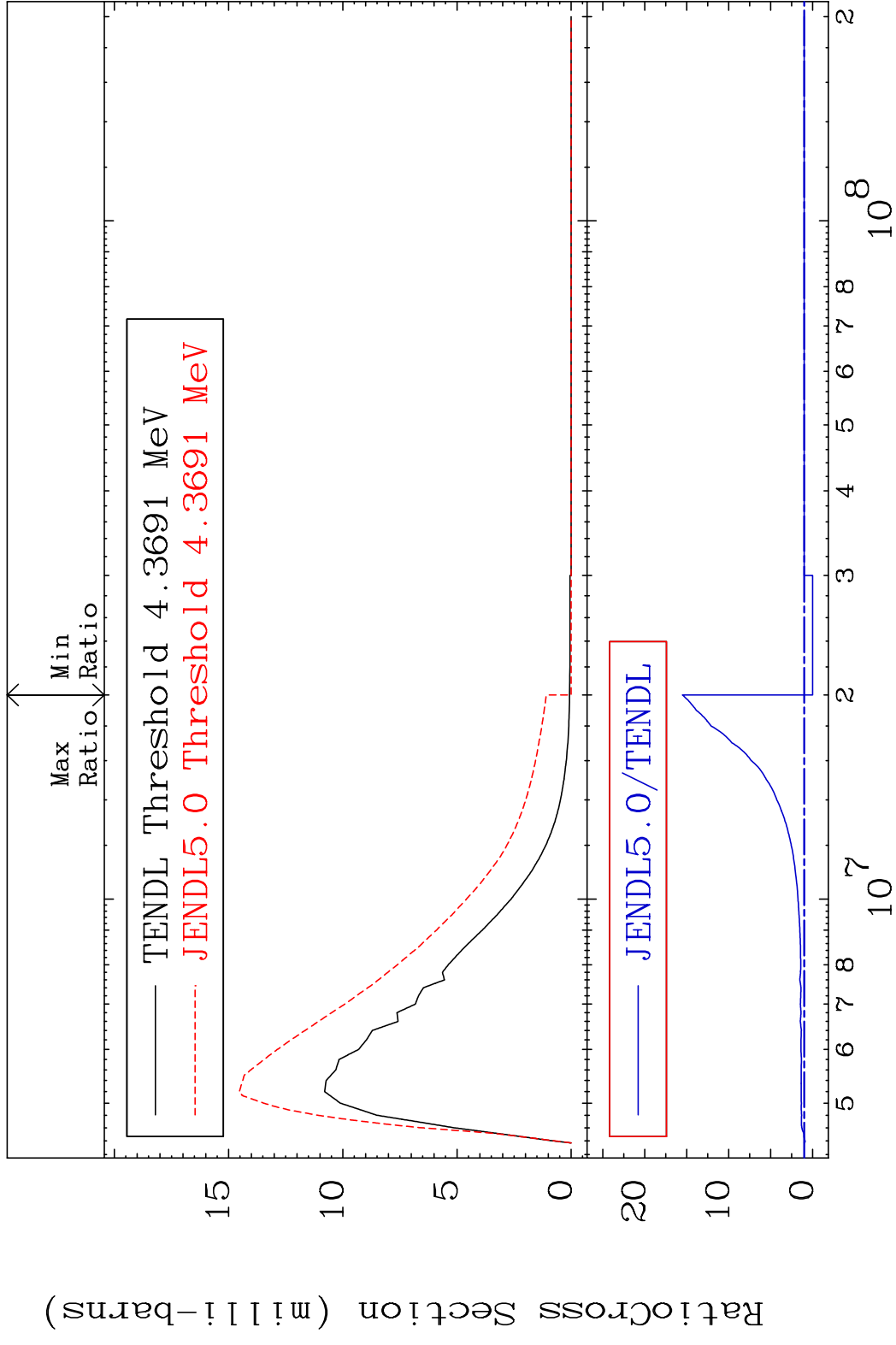
MAT 1322 MT= 76 (n,n') Level 13-Al-26
 Cross Section -100.0 To 9999. %

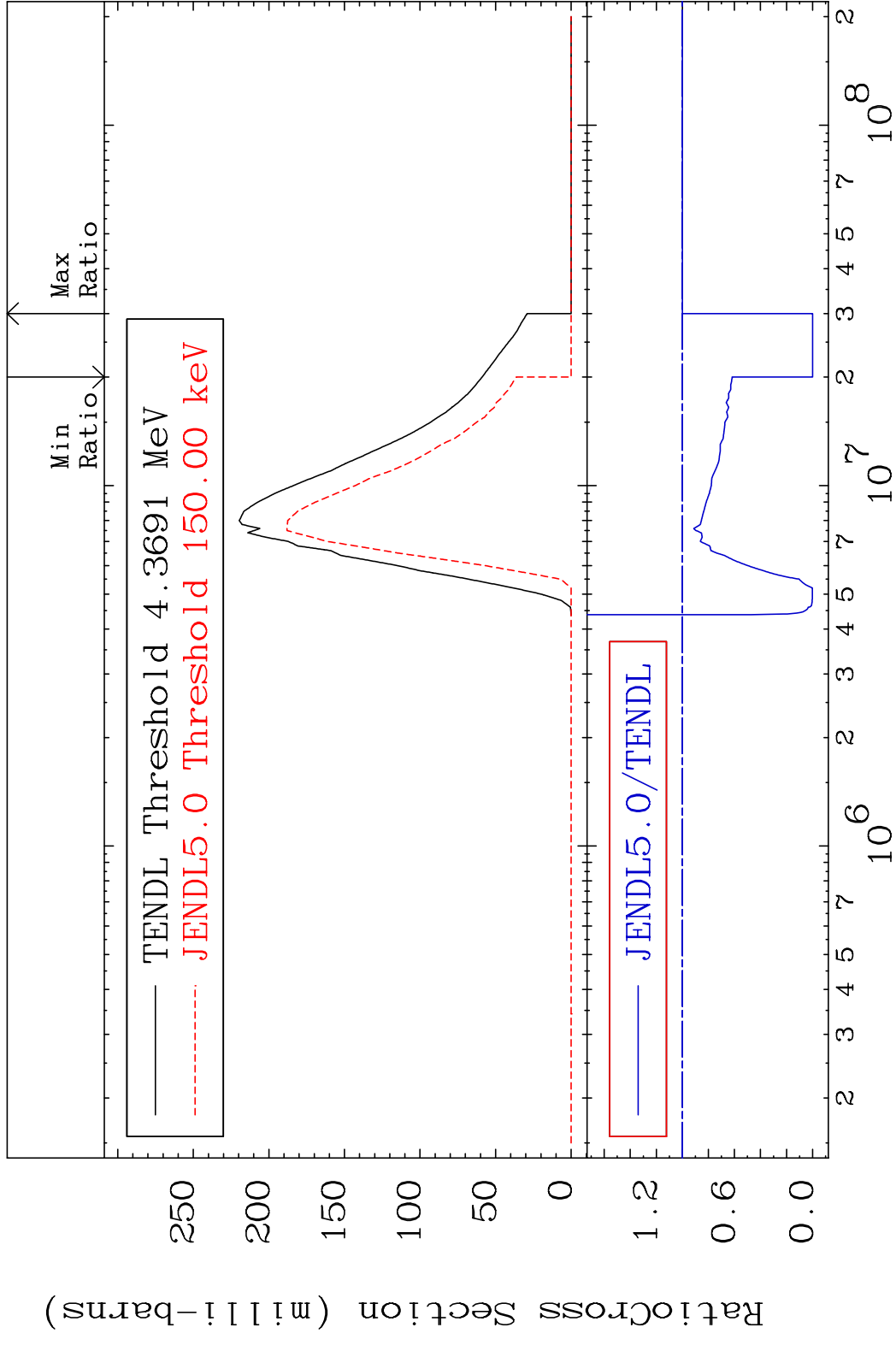


MAT 1322 MT= 77 (n, n') Level 13-Al-26
 Cross Section -100.0 To 9999. %



MAT 1322 MT= 78 (n, n') Level 13-Al-26
 Cross Section -100.0 To 1451. %



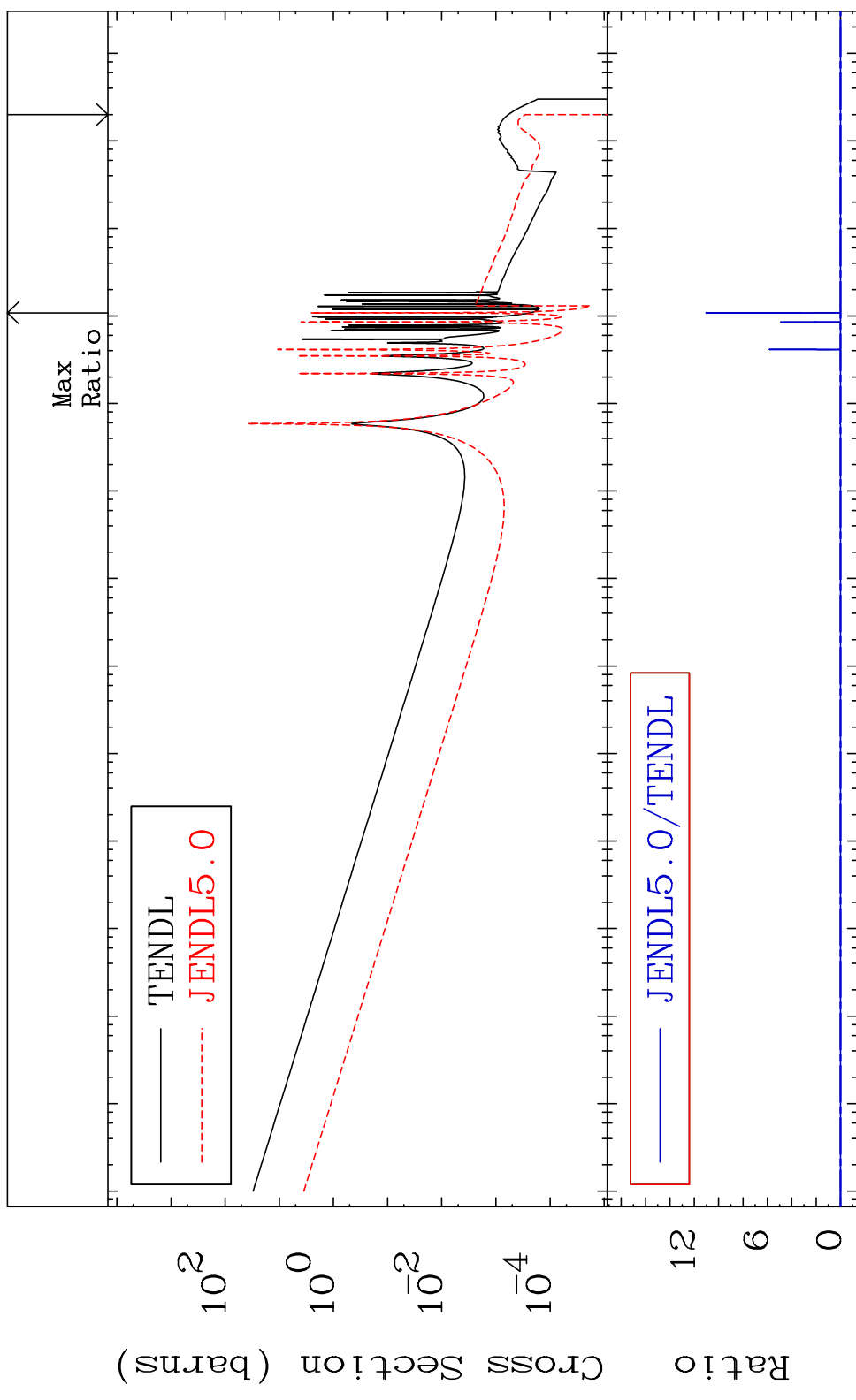


MAT 1322

(n, γ)

13-A1-26

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

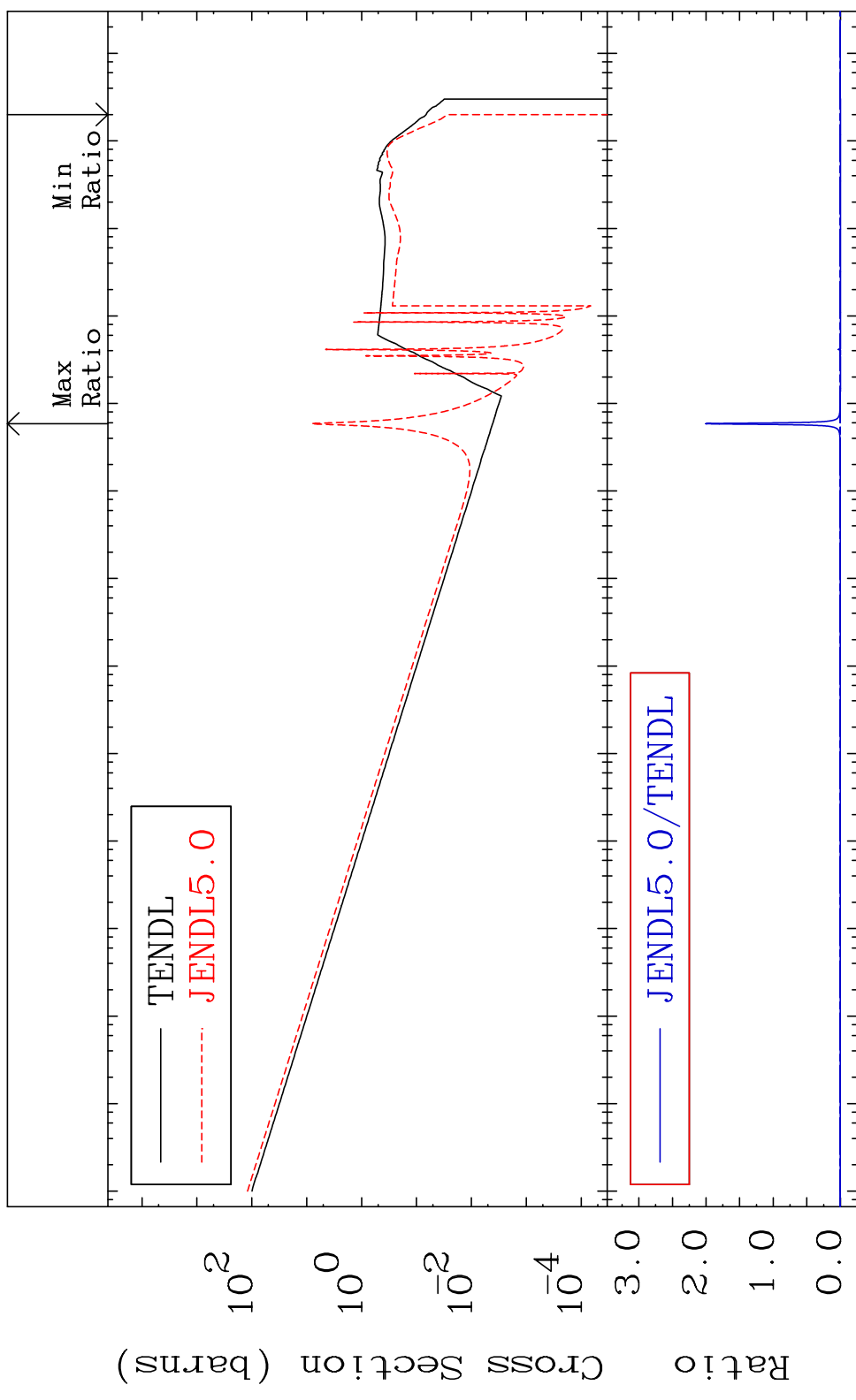
13-A1-26

MAT 1322

(n, p)

13-Al-26

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

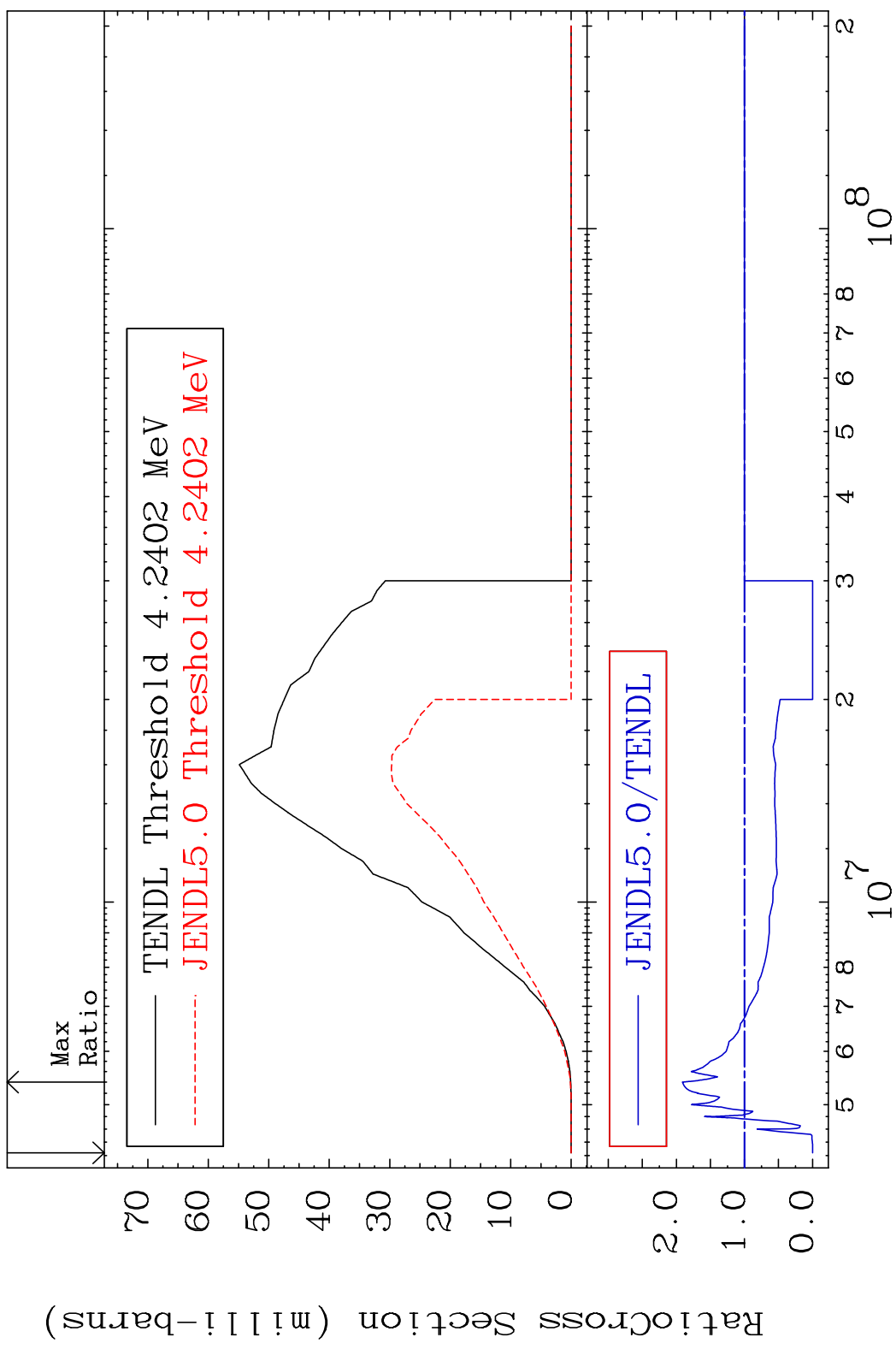
13-Al-26

MAT 1322

(n, d)

13-A1-26

Cross Section -100.0 To 91.22 %

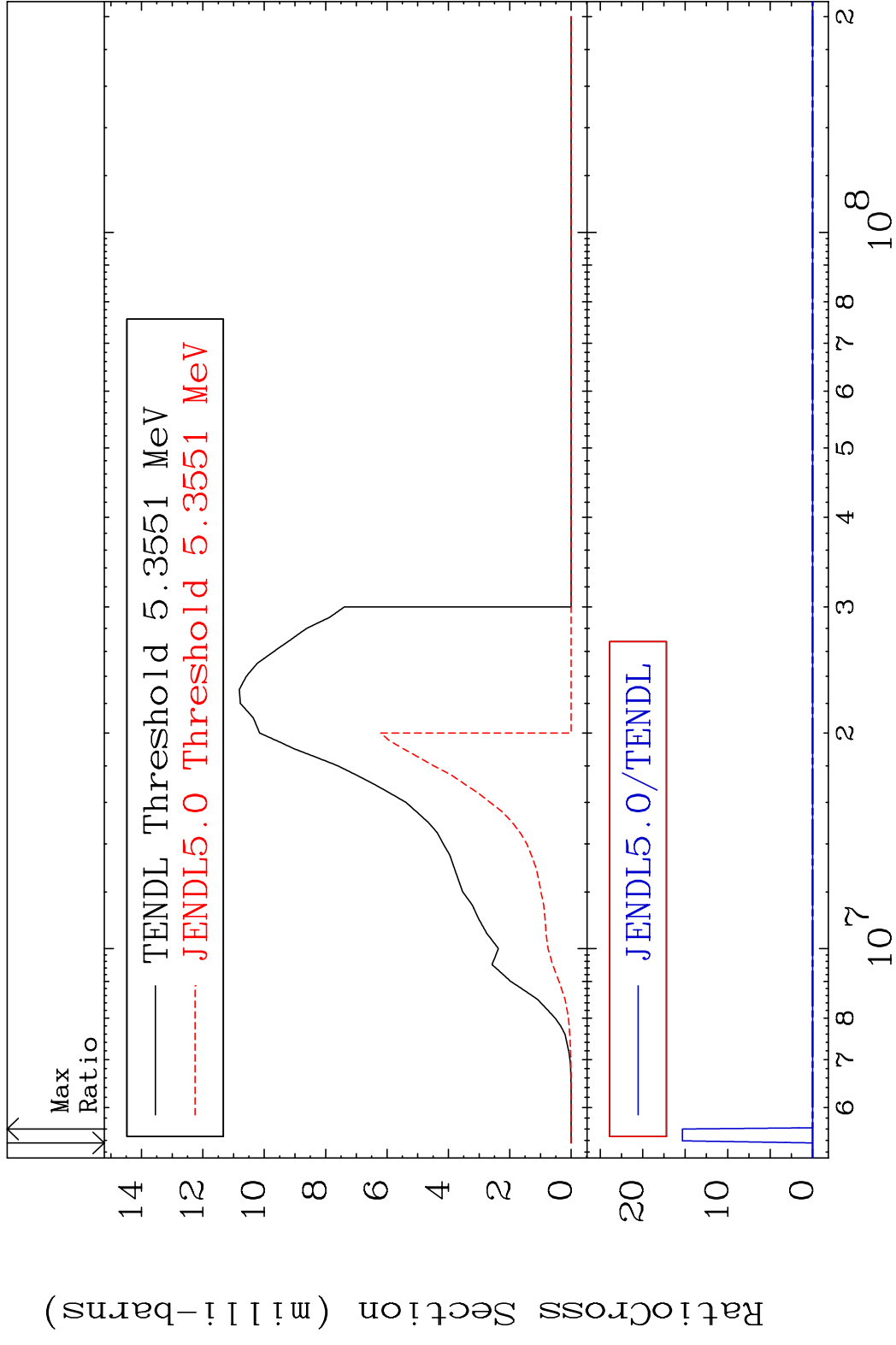


41

Incident Energy (eV)

13-A1-26

MAT 1322 (n, t) 13-Al-26
 Cross Section -100.0 To 9999. %

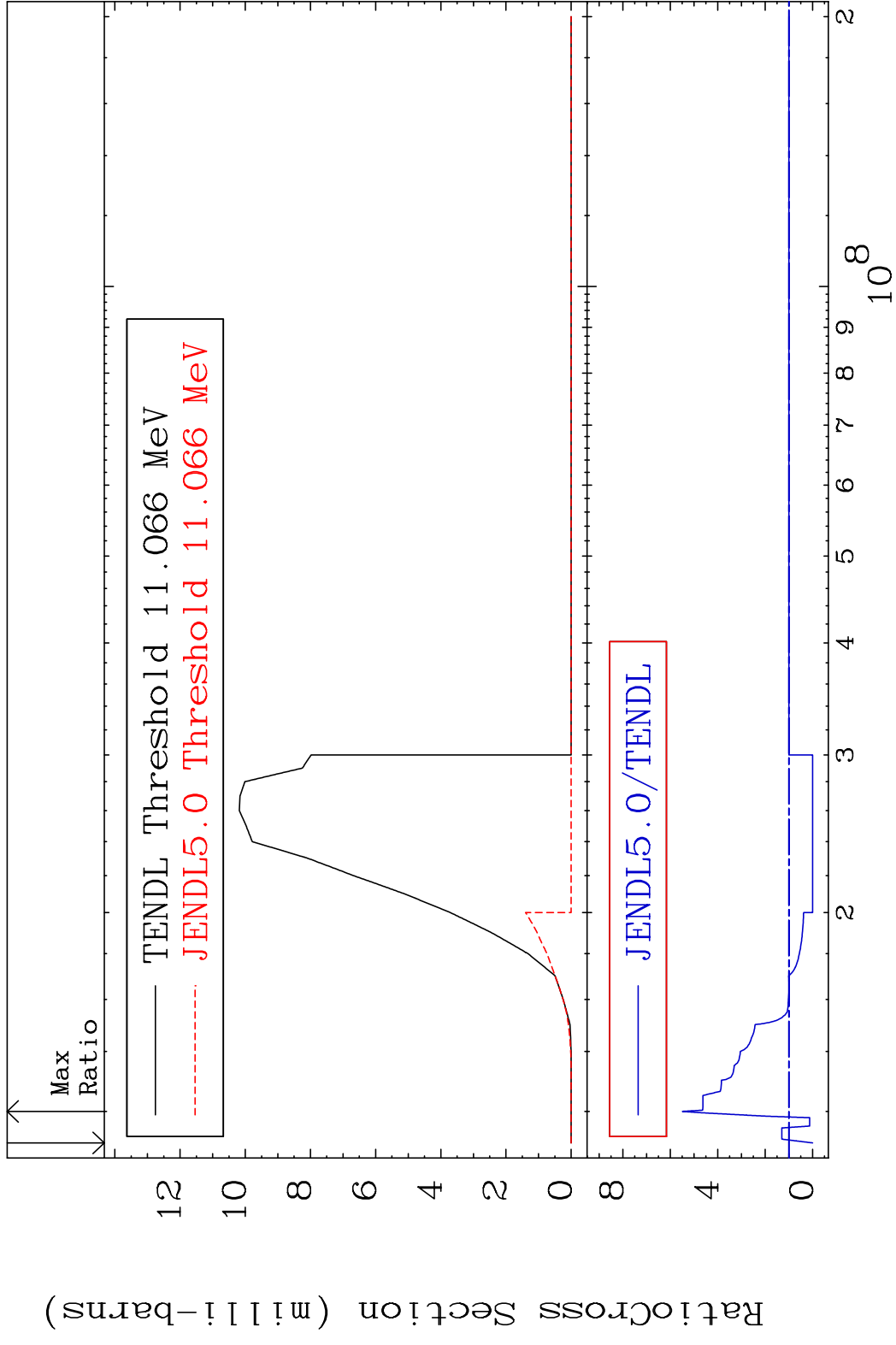


MAT 1322

(n, He-3)

13-A1-26

Cross Section -100.0 To 448.9 %



43

Incident Energy (eV)

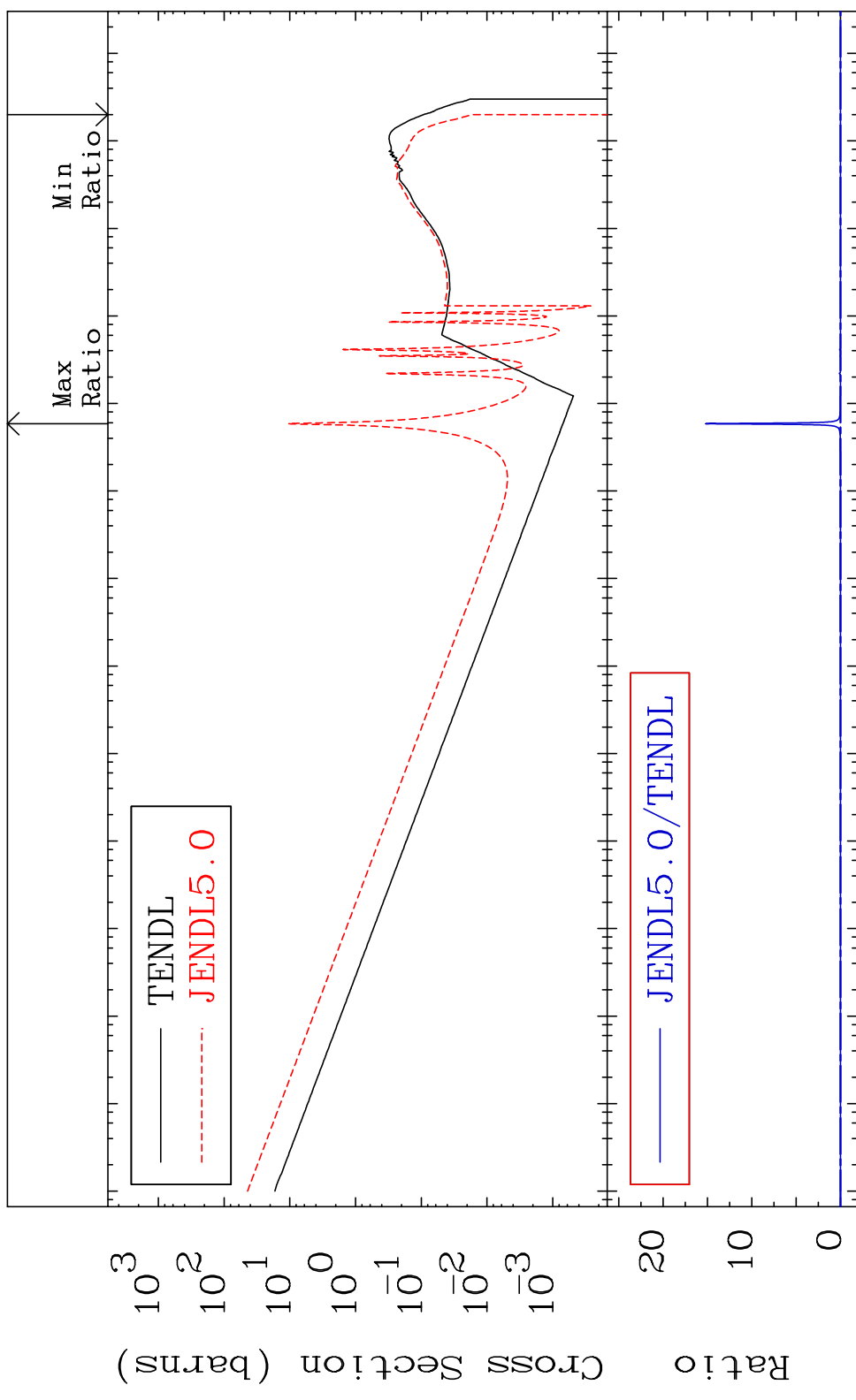
13-A1-26

MAT 1322

(n, α)

13-Al-26

Cross Section -100.0 To 9999. %

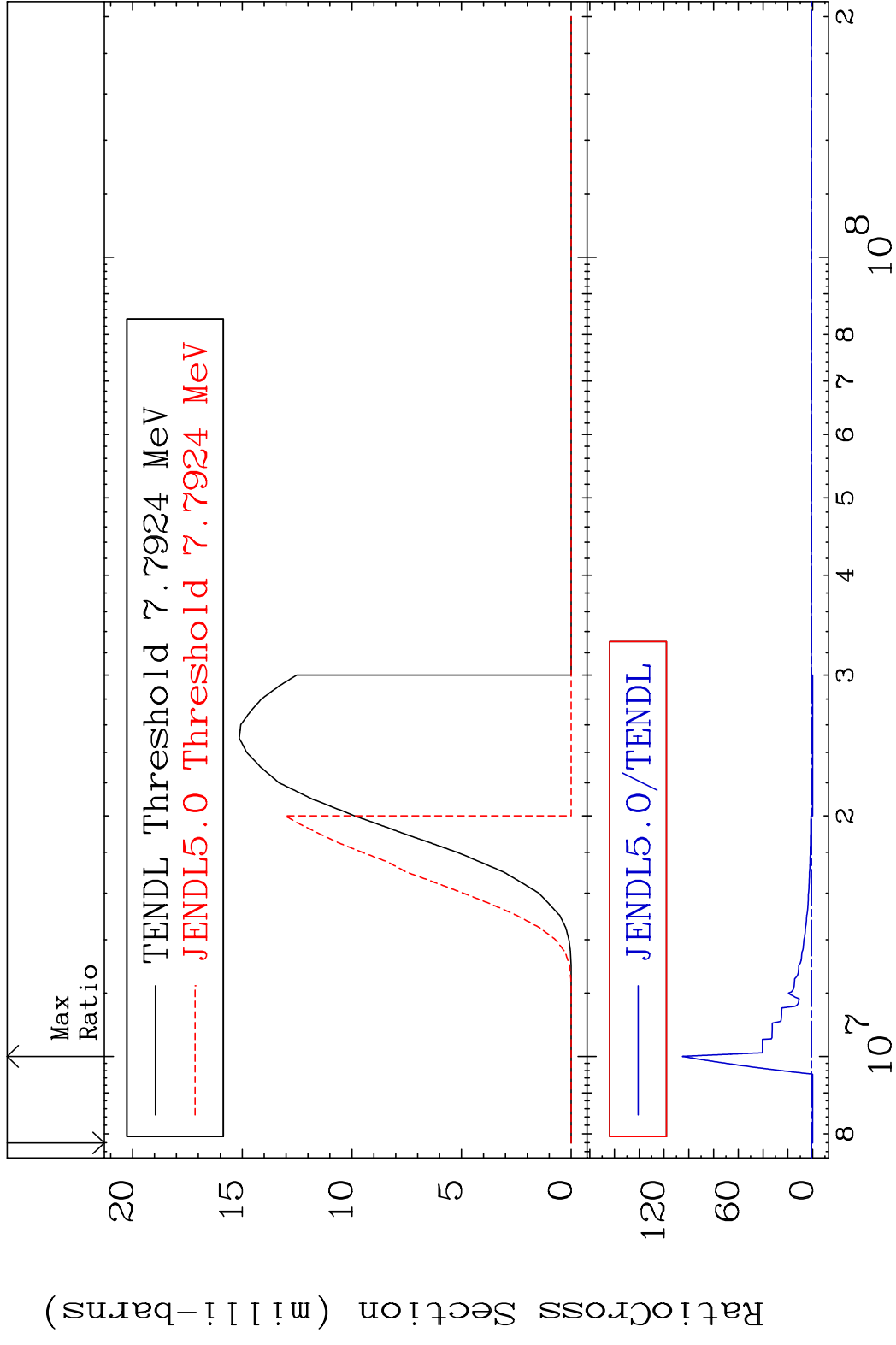


44

Incident Energy (eV)

13-Al-26

MAT 1322 (n,2α) 13-Al-26
Cross Section -100.0 To 9999. %

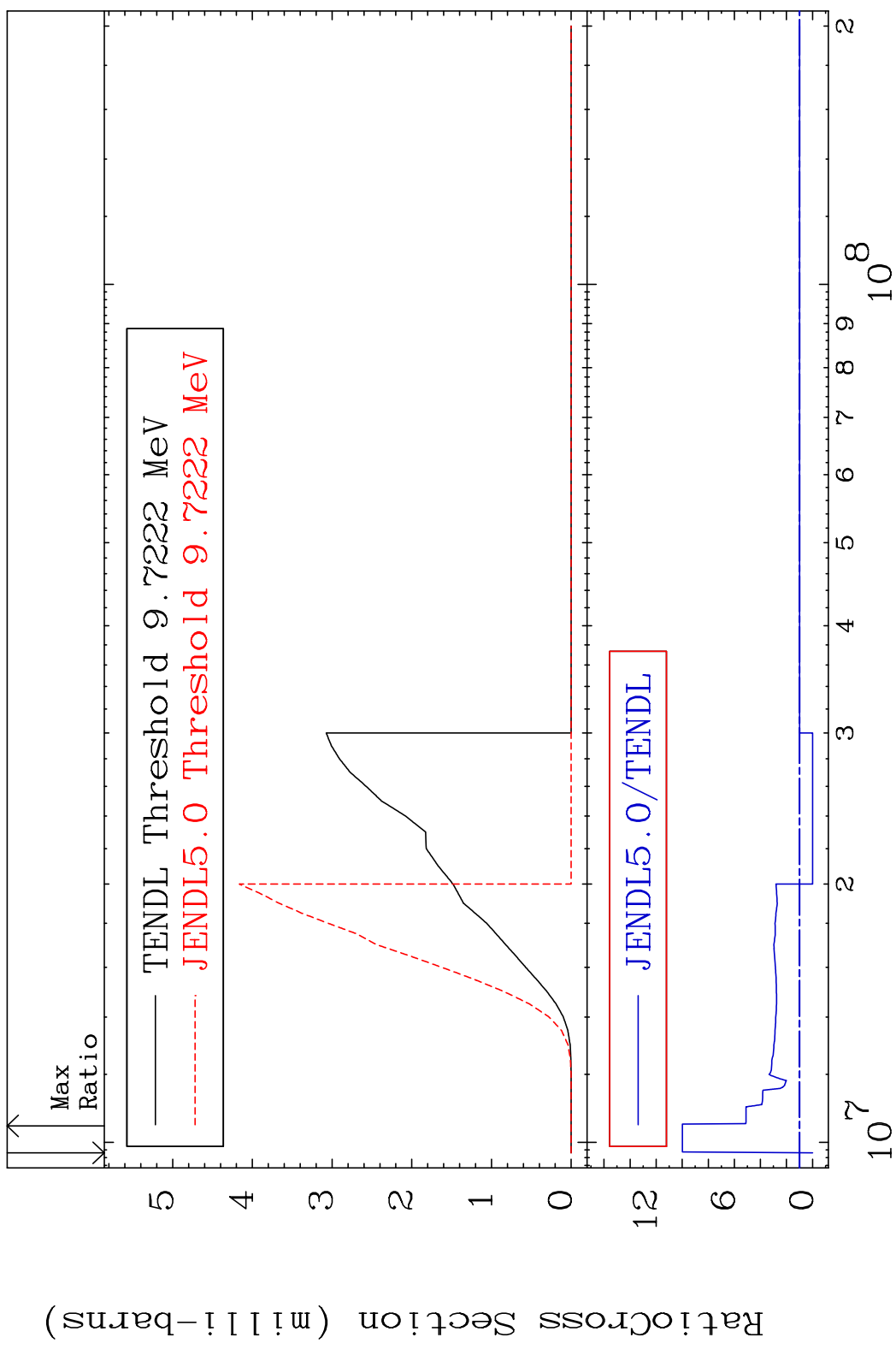


MAT 1322

(n,2p)

13-A1-26

Cross Section -100.0 To 898.9 %



46

Incident Energy (eV)

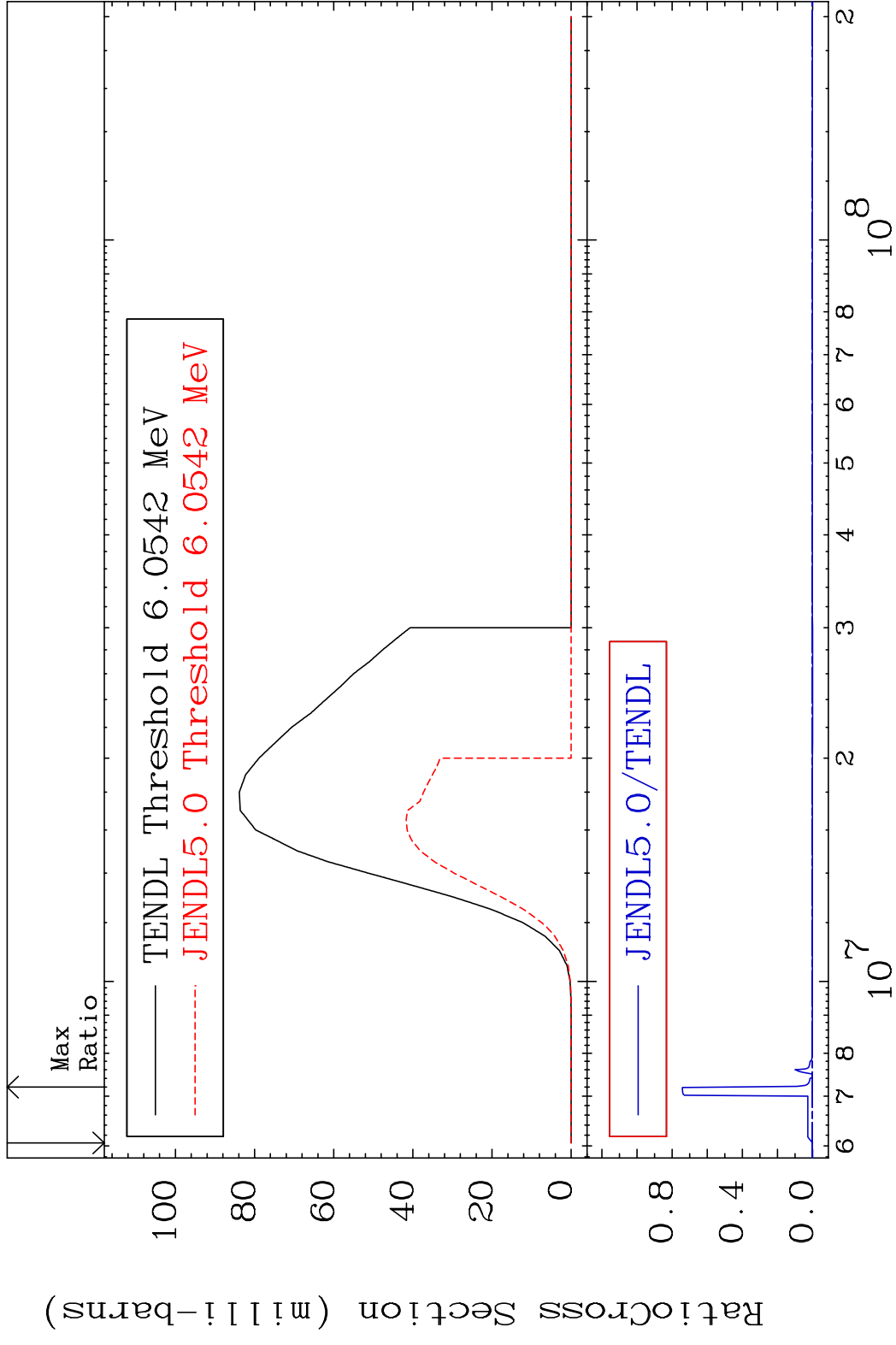
13-A1-26

MAT 1322

(n,p) α

13-Al-26

Cross Section -100.0 To 9999. %

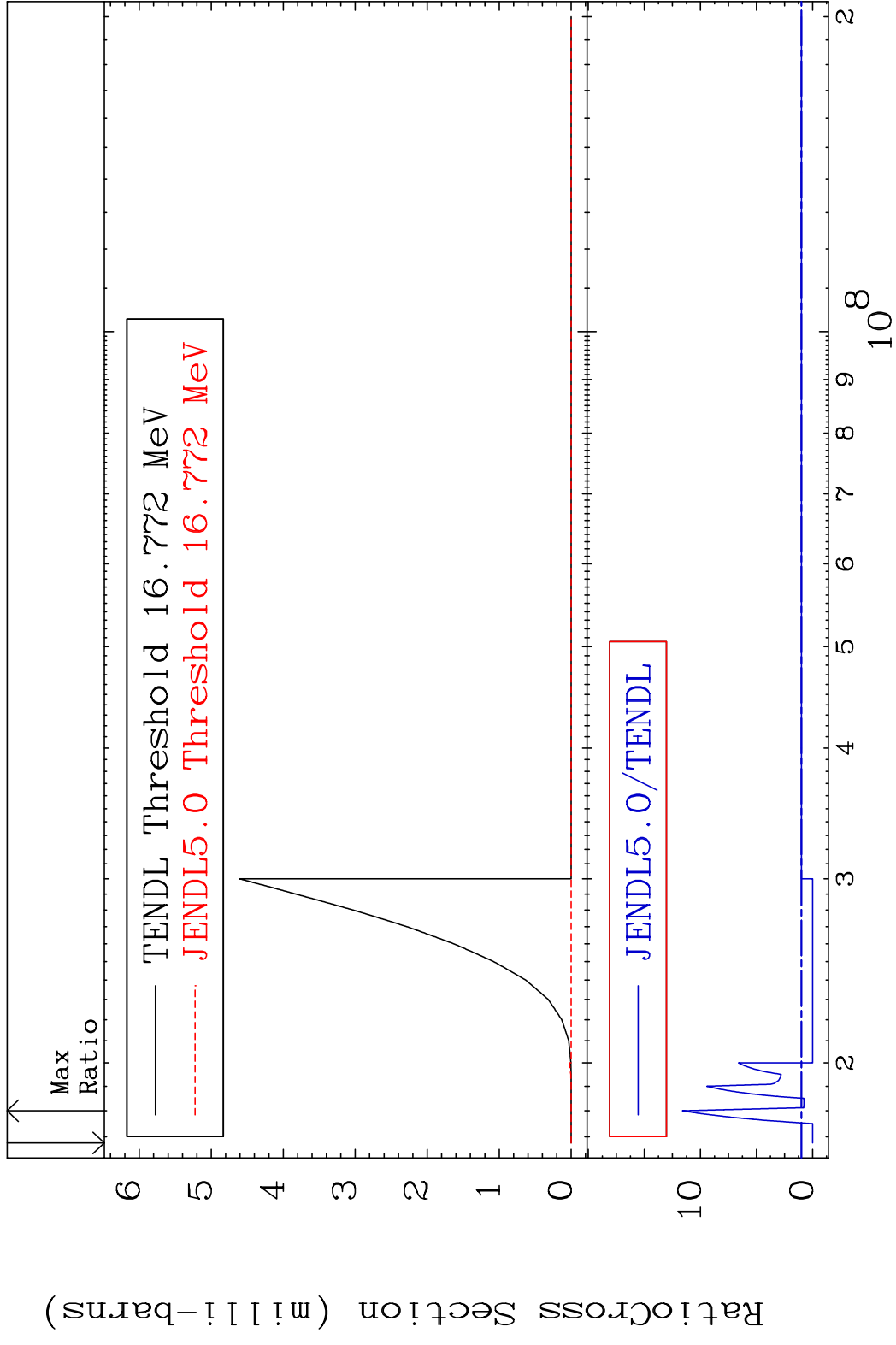


MAT 1322

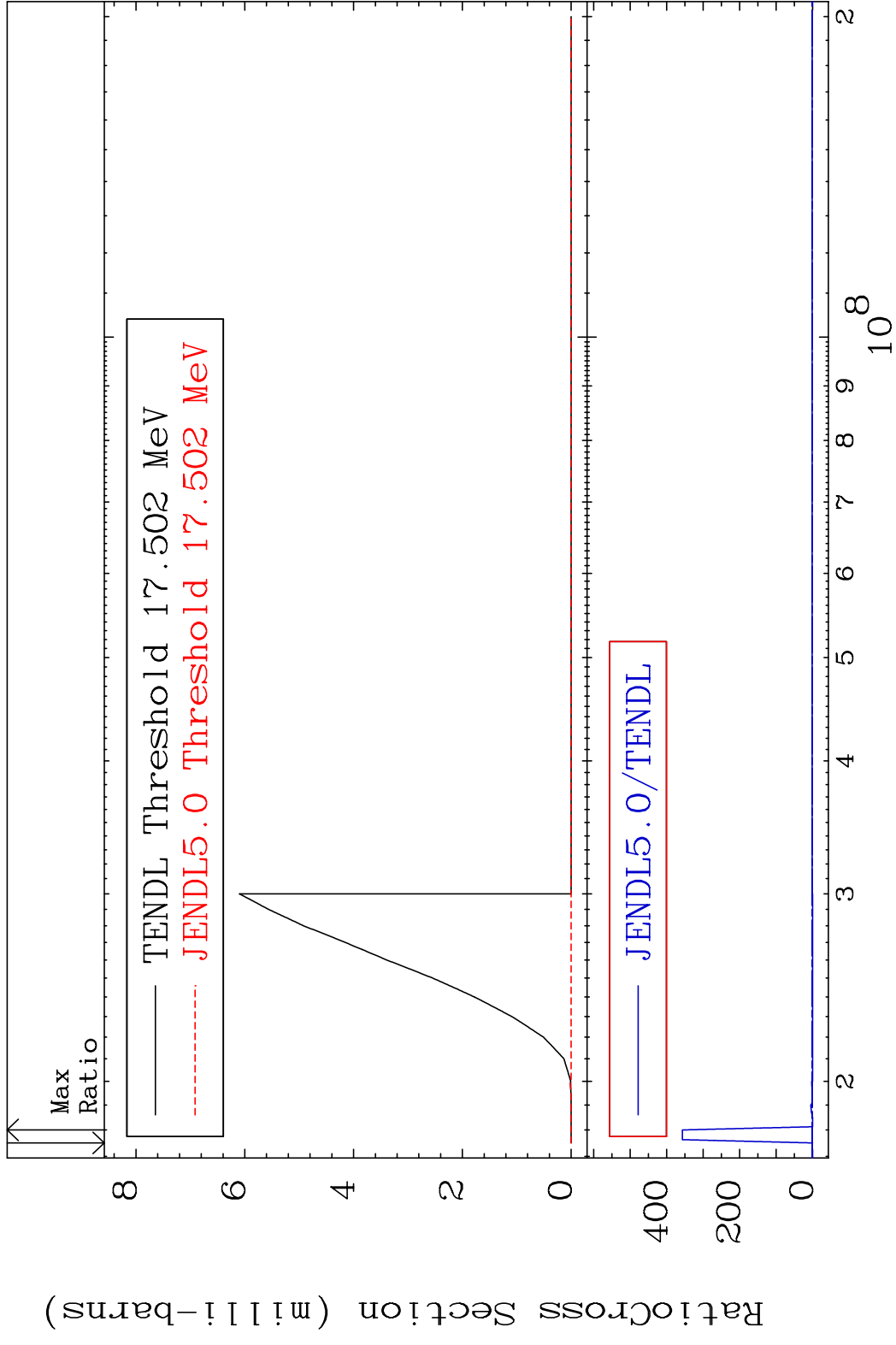
(n,p) d

13-Al-26

Cross Section -100.0 To 1061. %



MAT 1322 (n,p) t 13-Al-26
 Cross Section -100.0 To 9999. %

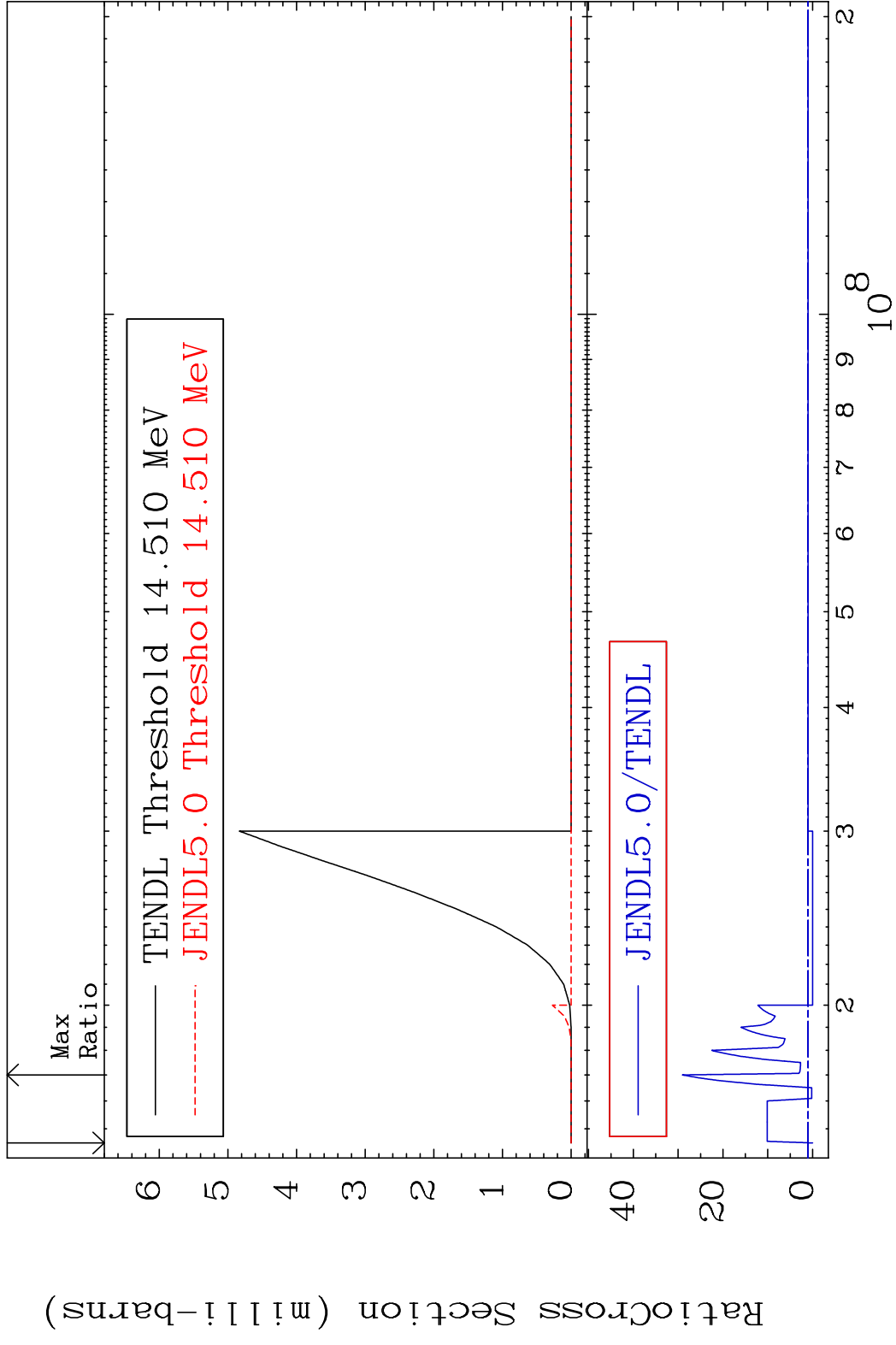


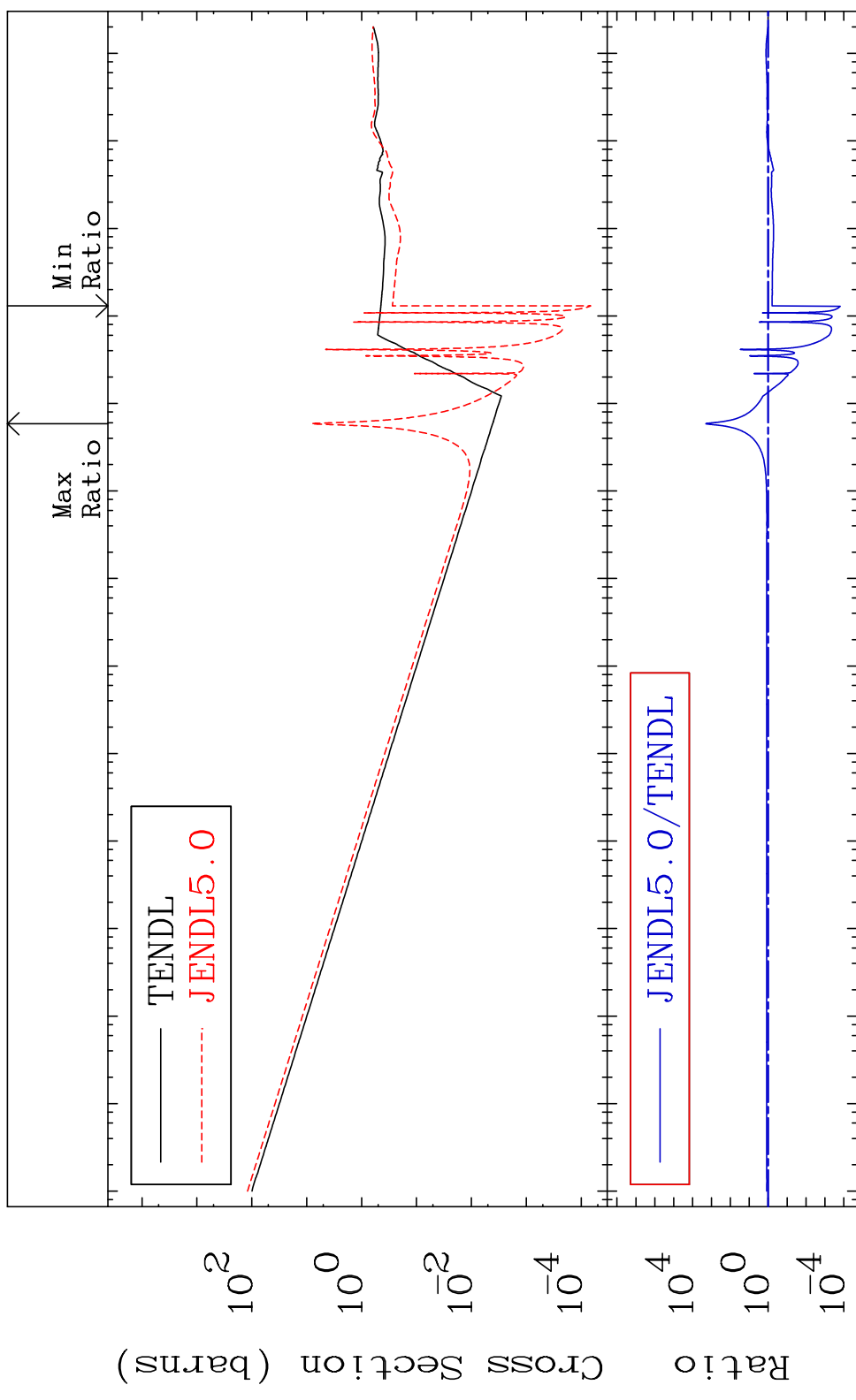
MAT 1322

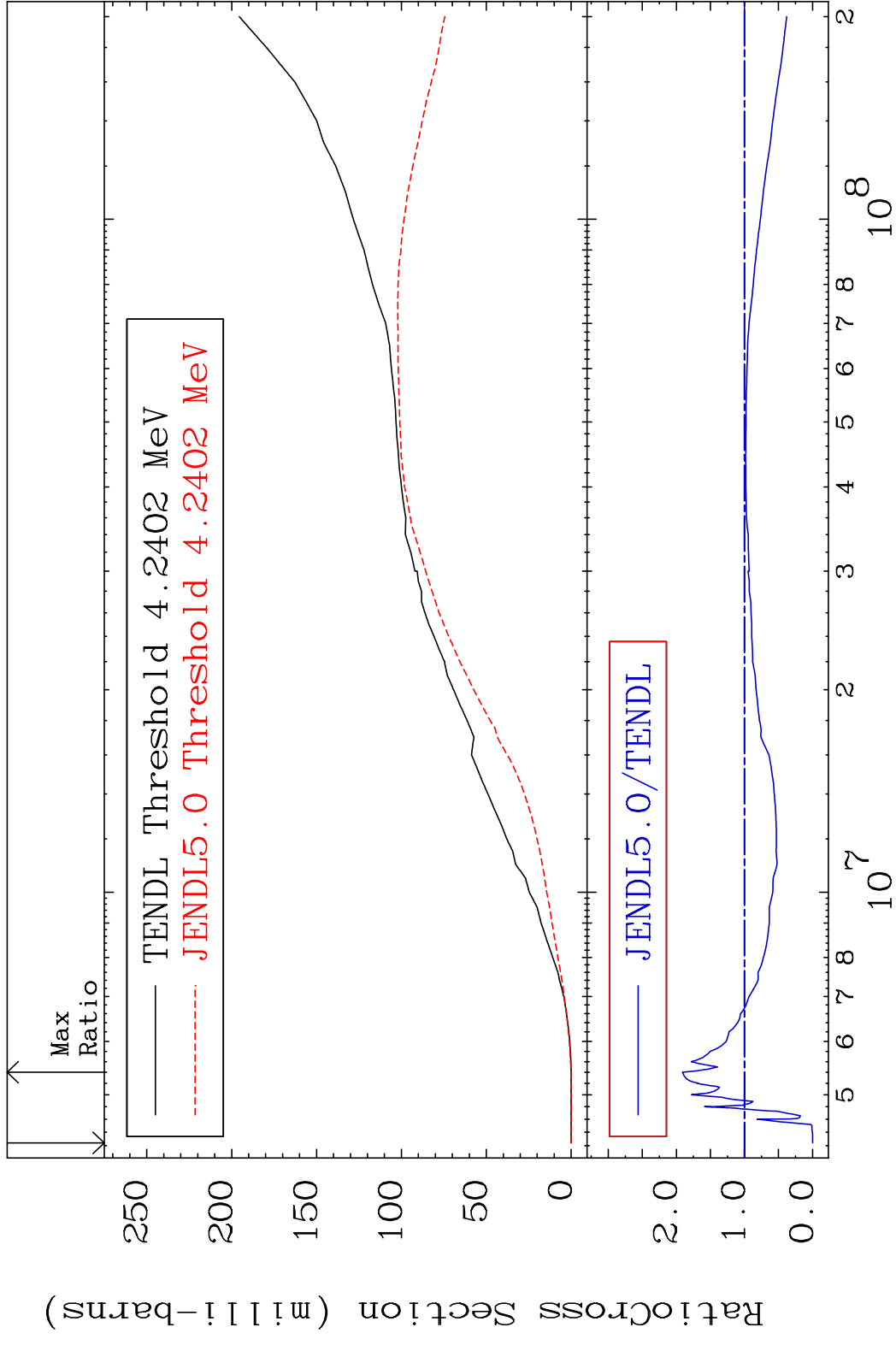
(n,d) α

13-A1-26

Cross Section -100.0 To 2806. %





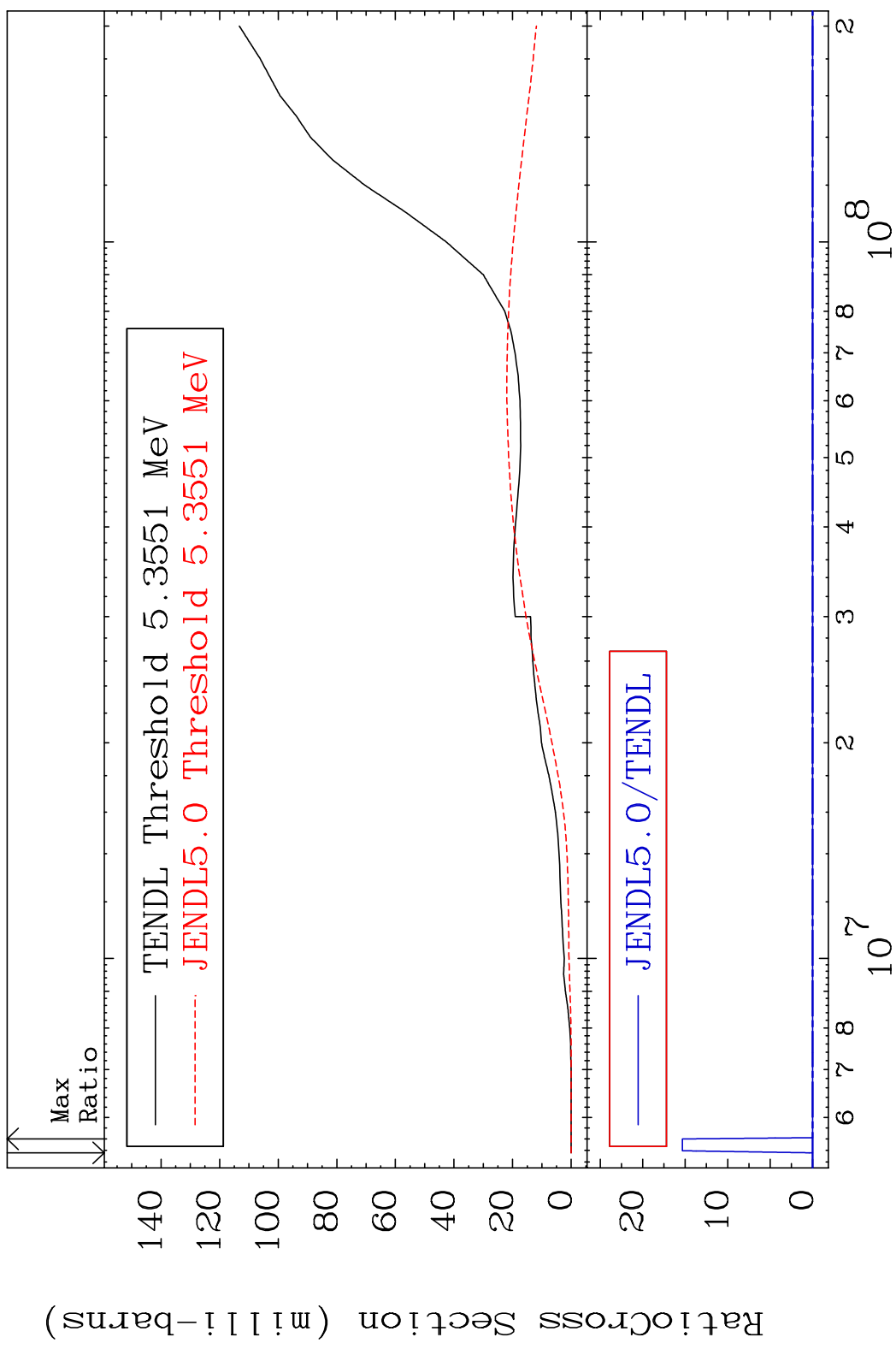


MAT 1322

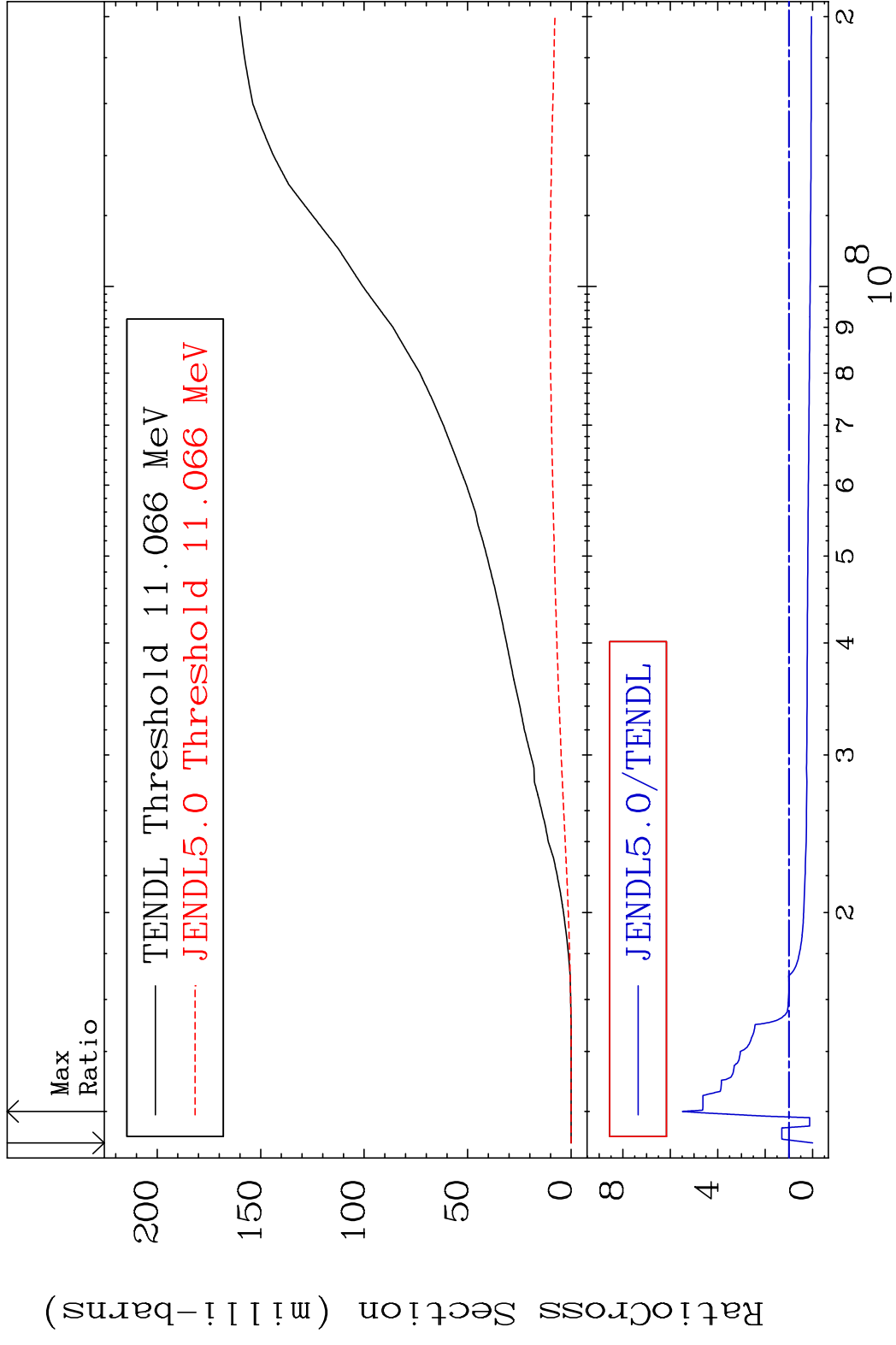
Tritium Production

13-A1-26

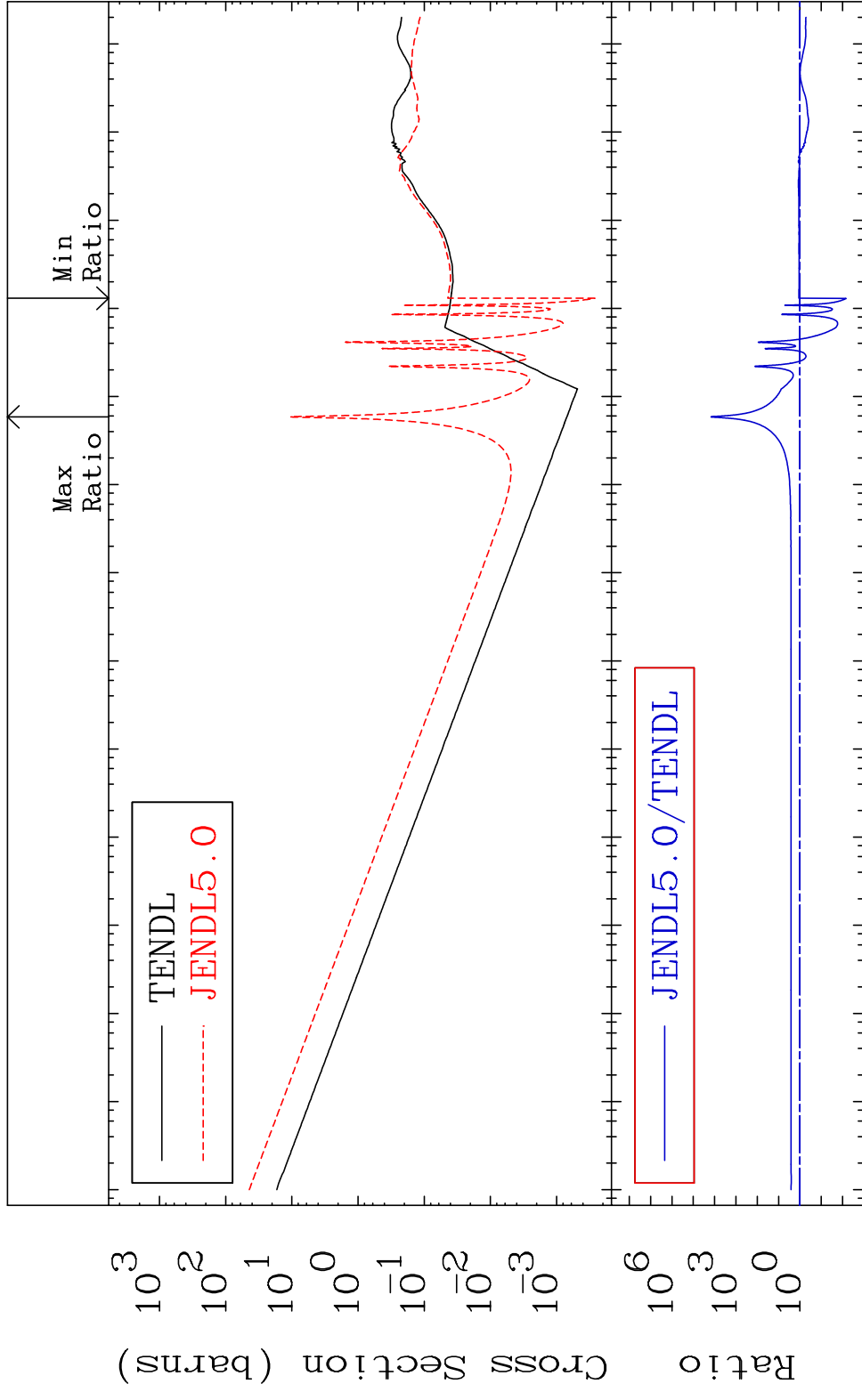
Cross Section -100.0 To 9999. %



Cross Section -100.0 To 448.9 %

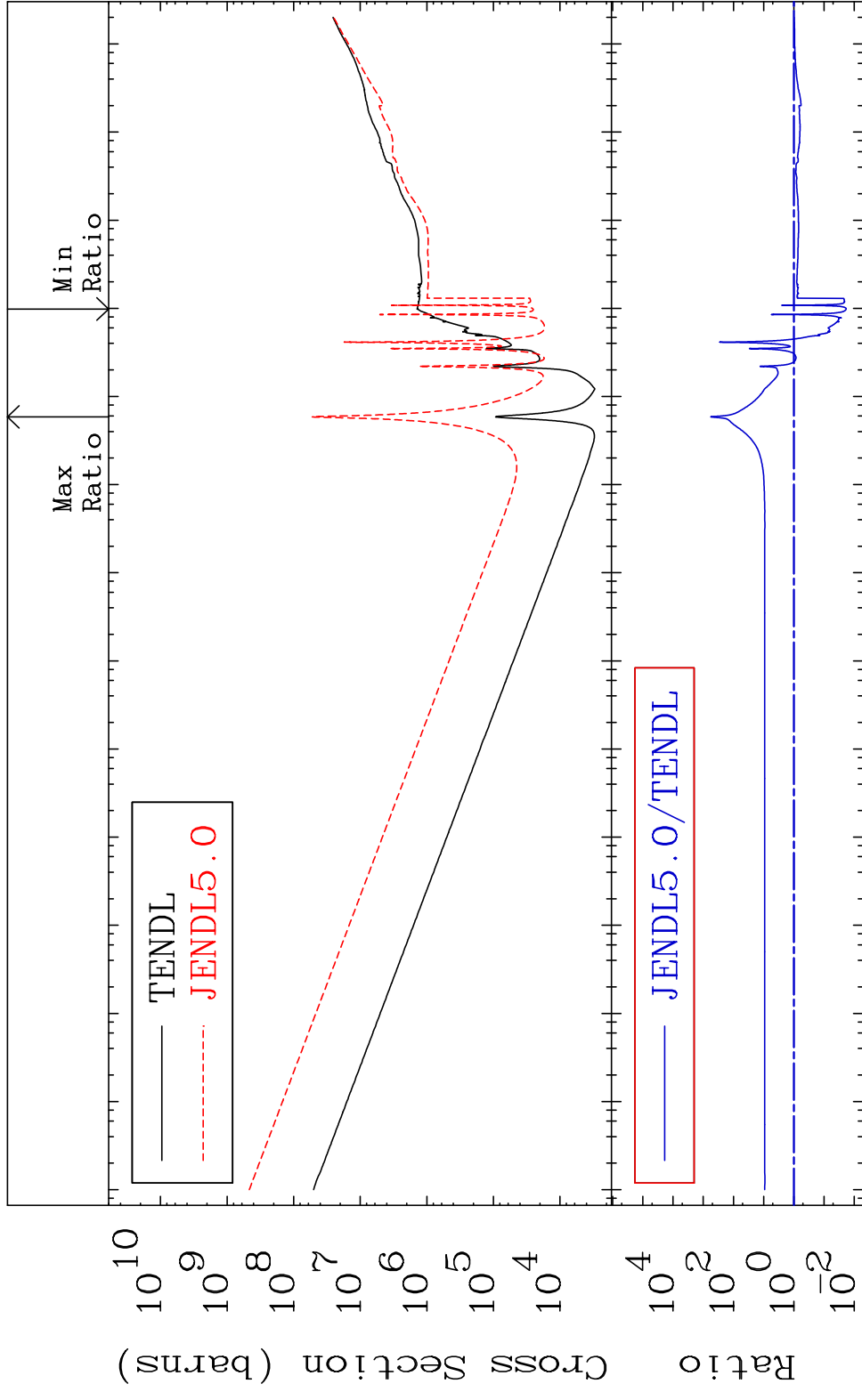


Cross Section -99.33 To 9999. %



MAT 1322

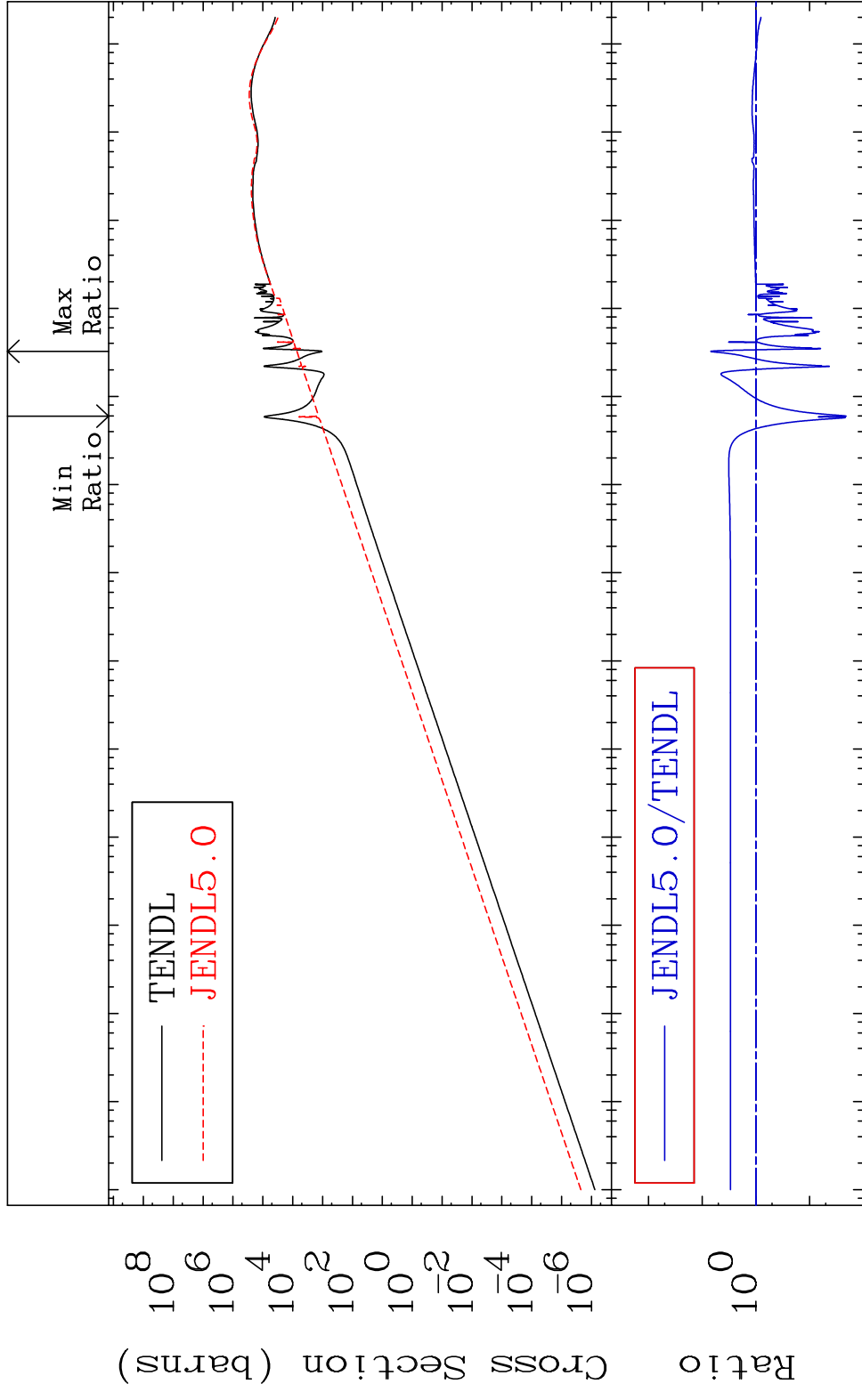
Kerma total (eV-barns) 13-A1-26
Cross Section -98.18 To 9999. %



MAT 1322

Kerma elastic
Cross Section

13-A1-26
-97.94 To 594.1 %

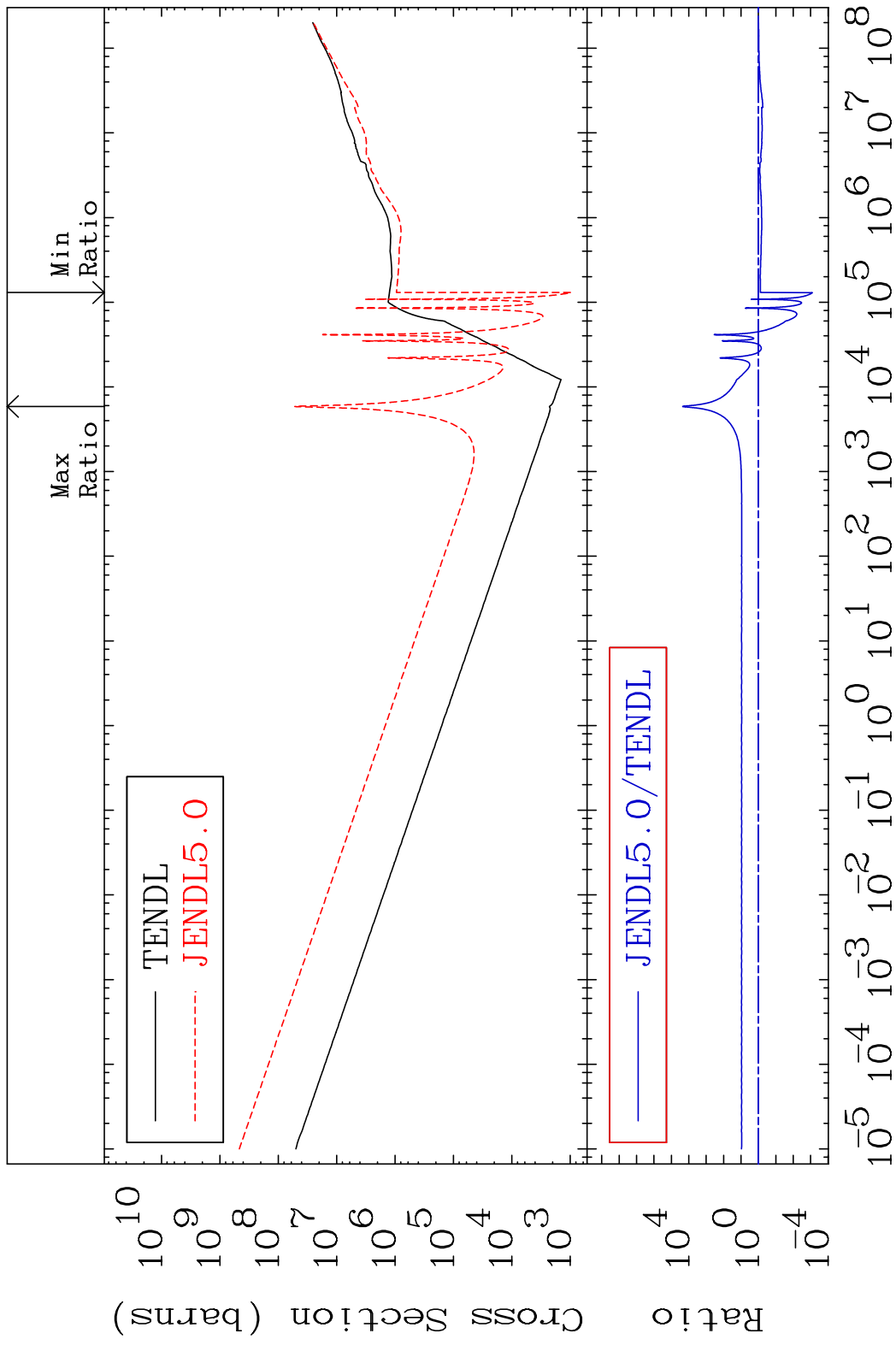


57

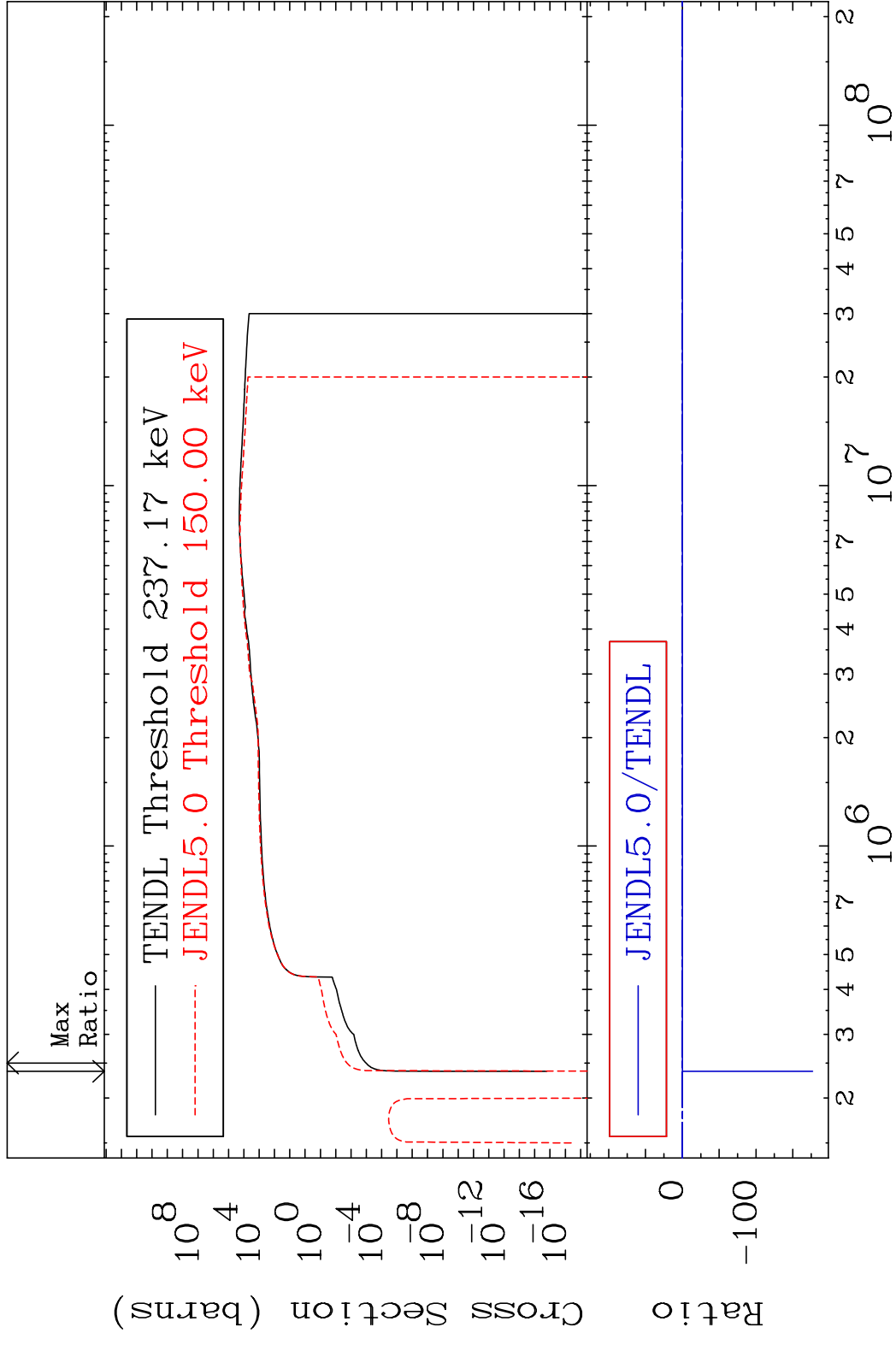
Incident Energy (eV)

13-A1-26

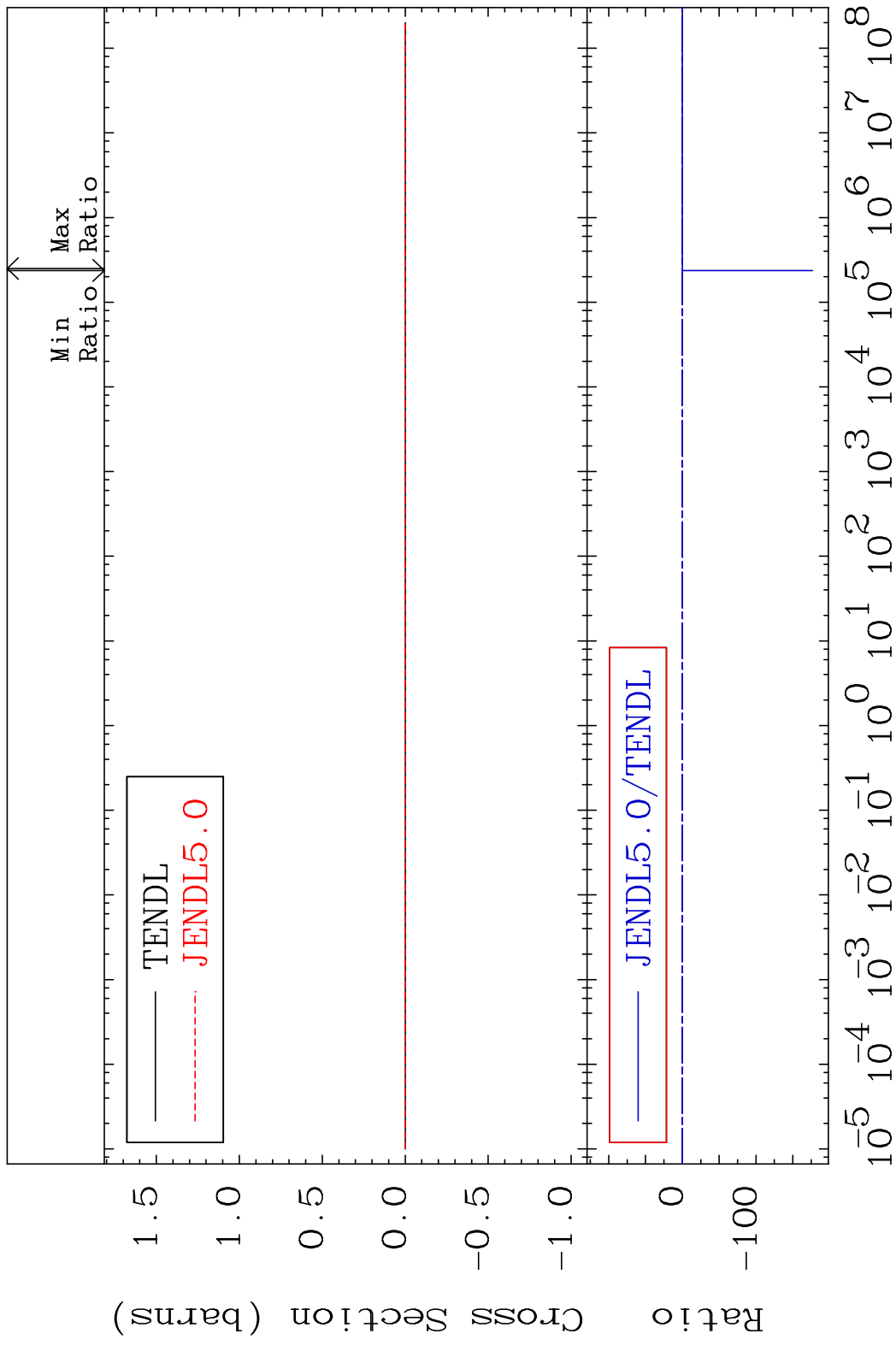
MAT 1322 Kerma non-elastic (all but mt2) 13-A1-26
 Cross Section -99.92 To 9999. %



MAT 1322 Kerma inelastic (mt51-91) 13-A1-26
 Cross Section -9999. To 1698. %

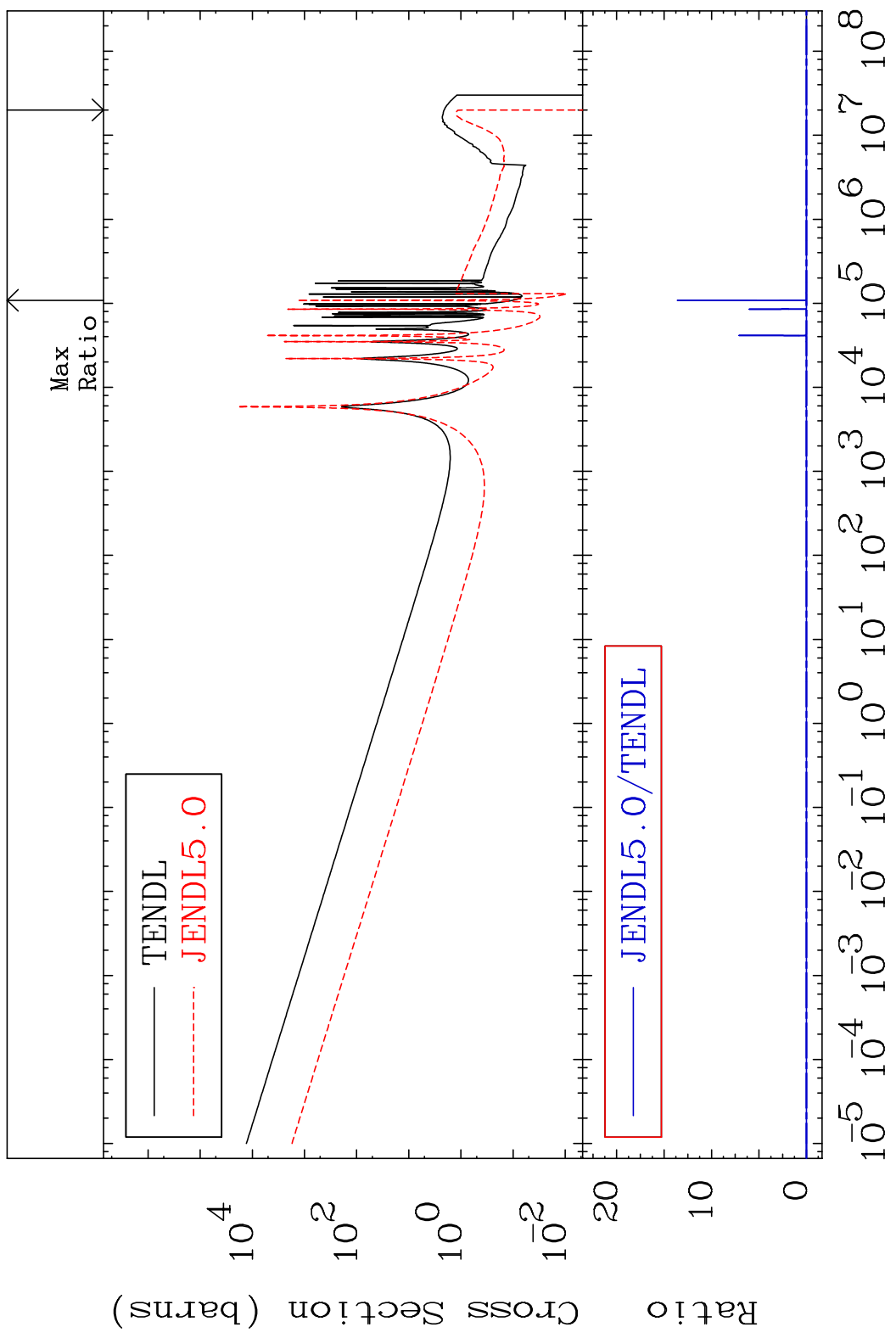


MAT 1322 Kerma fission (mt18 or mt19-20-21-38) 13-A1-26
 Cross Section -9999. To 1698. %



MAT 1322

Kerma capture (mt102) 13-A1-26
Cross Section -100.0 To 9999. %



61

Incident Energy (eV)

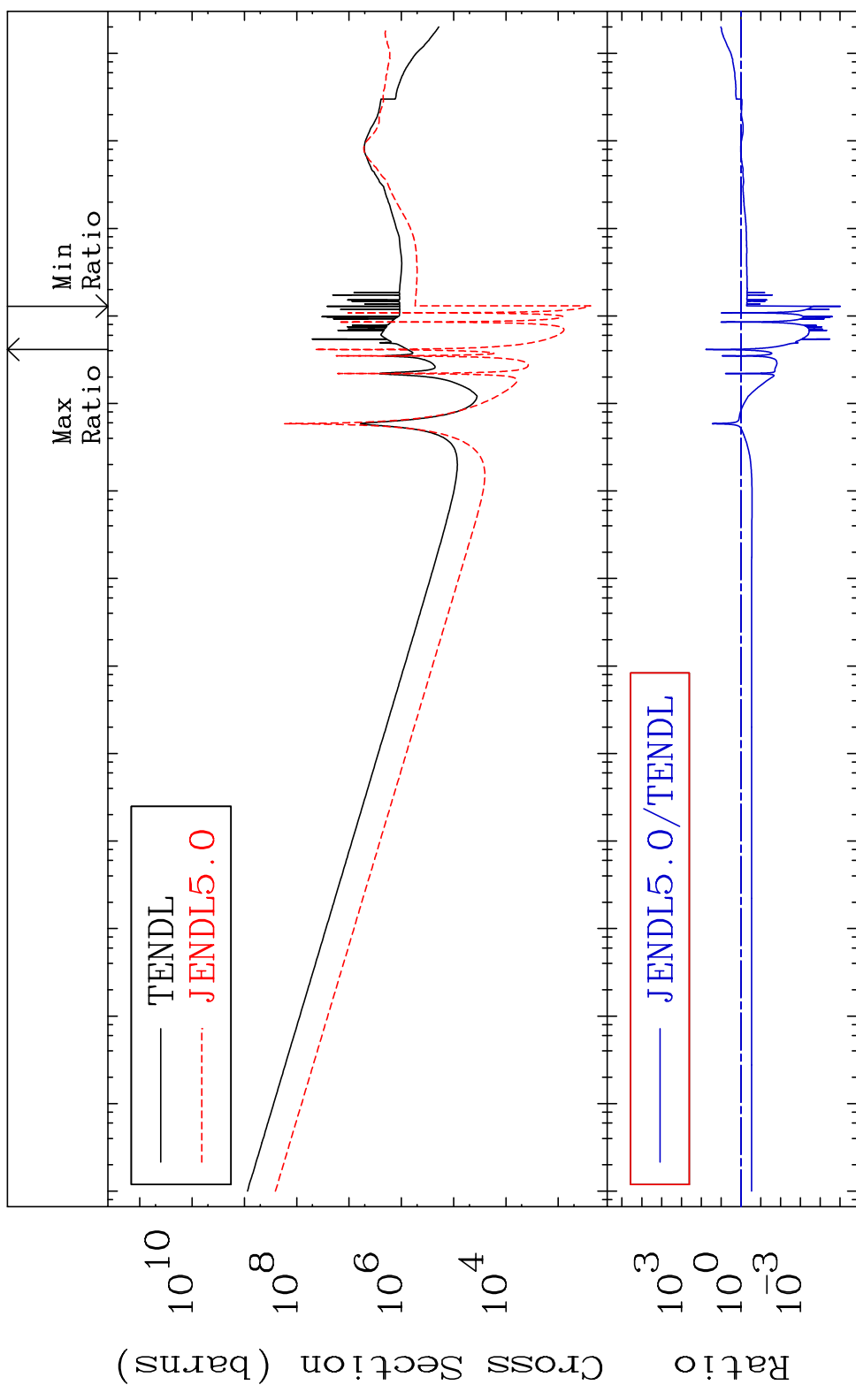
13-A1-26

MAT 1322

Total photon (eV-barns)

13-A1-26

Cross Section -100.0 To 5803. %



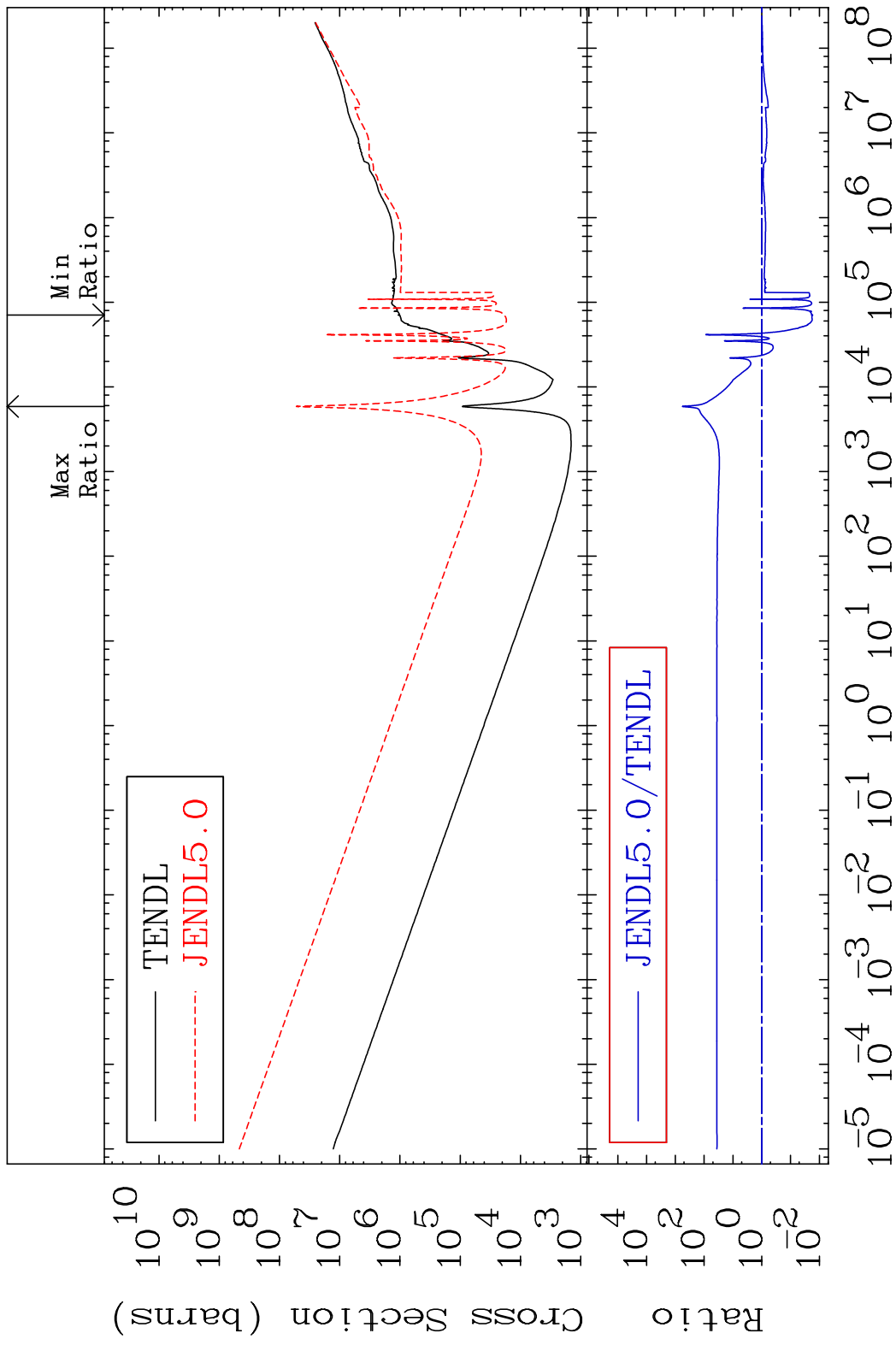
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

62

Incident Energy (eV)

13-A1-26

MAT 1322 Total kinematic kerma (high limit) 13-A1-26
 Cross Section -98.28 To 9999. %

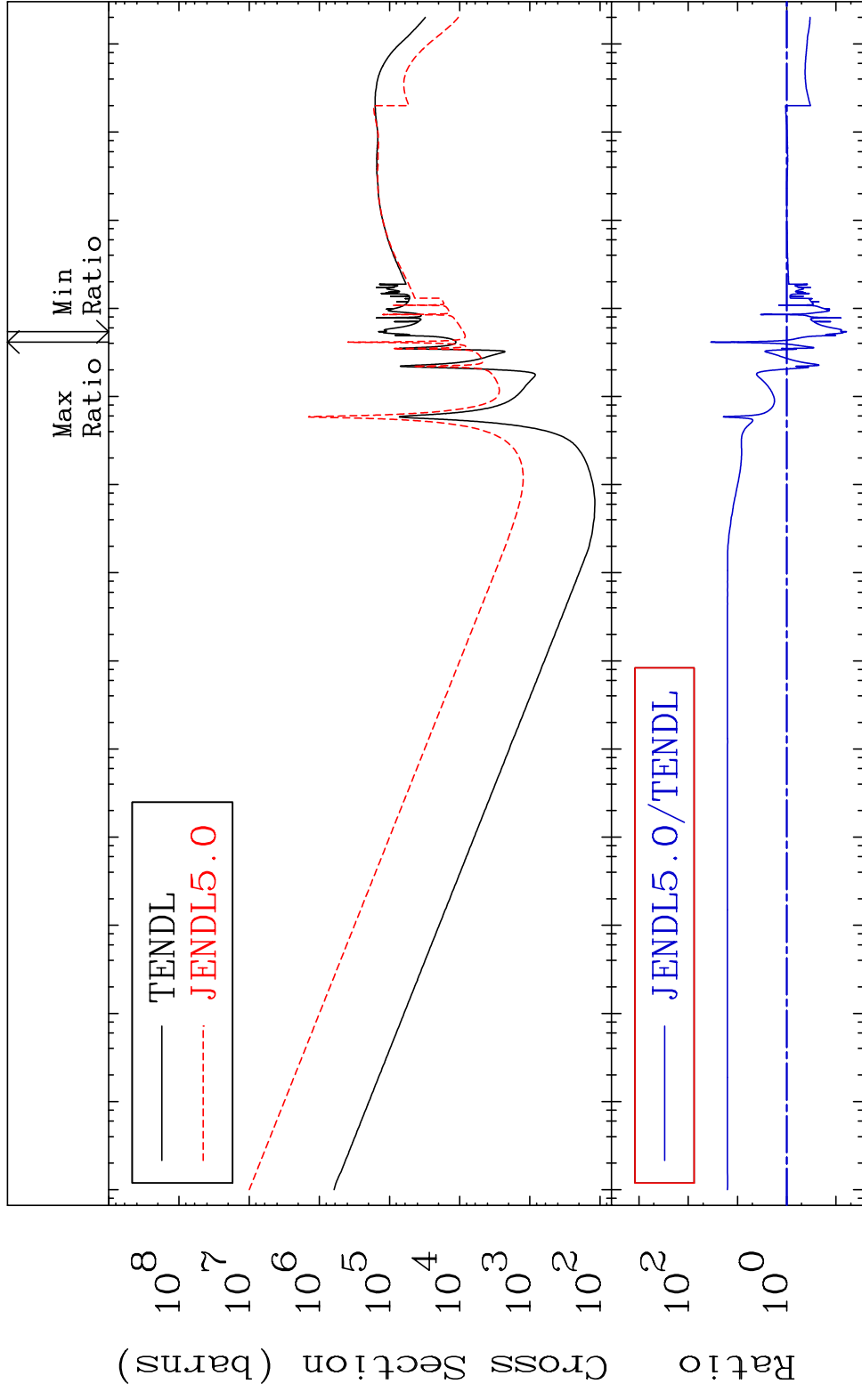


MAT 1322

Dpa total (eV-barns)

13-A1-26

Cross Section -93.83 To 3402. %



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

64

Incident Energy (eV)

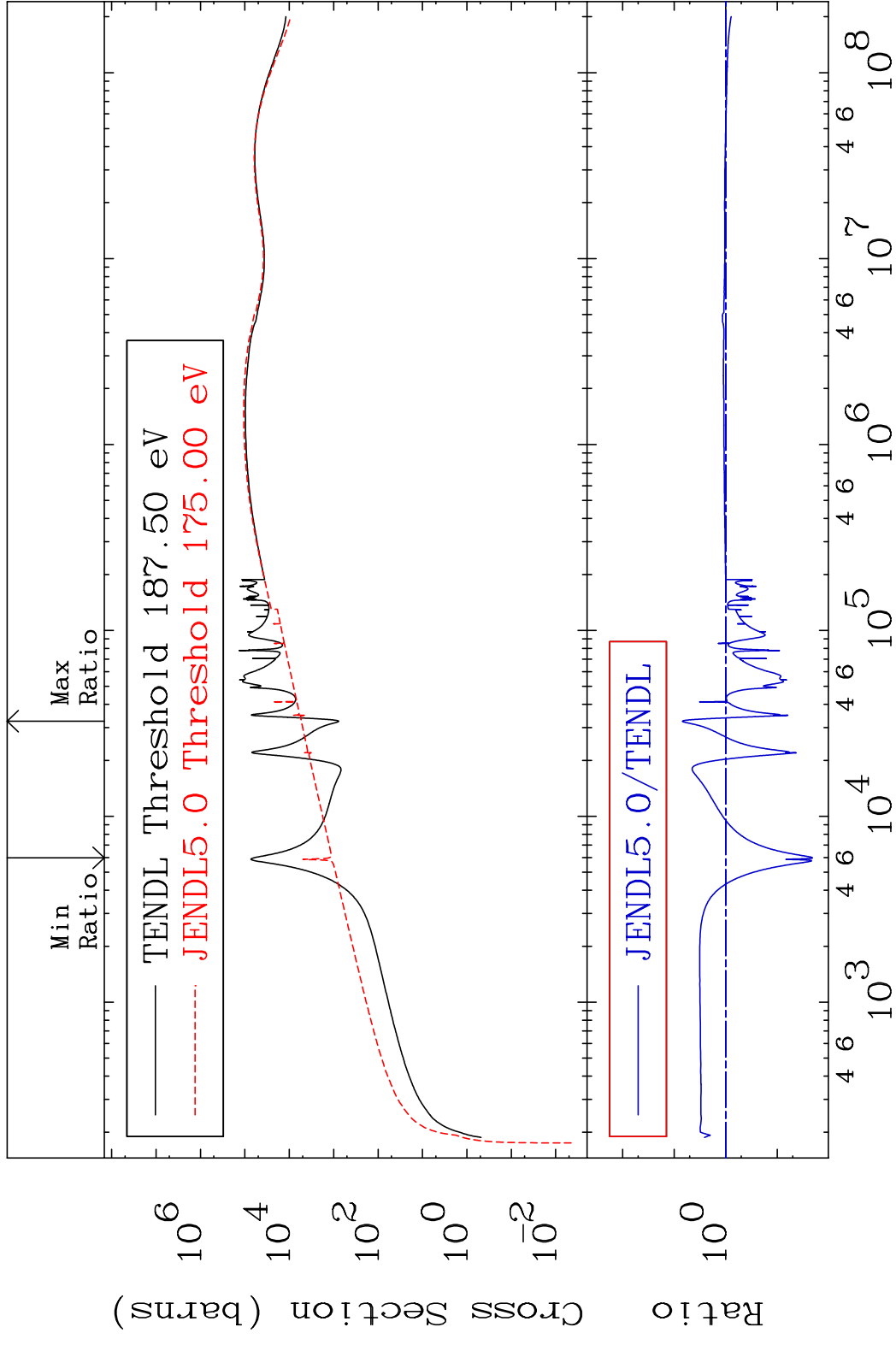
13-A1-26

MAT 1322

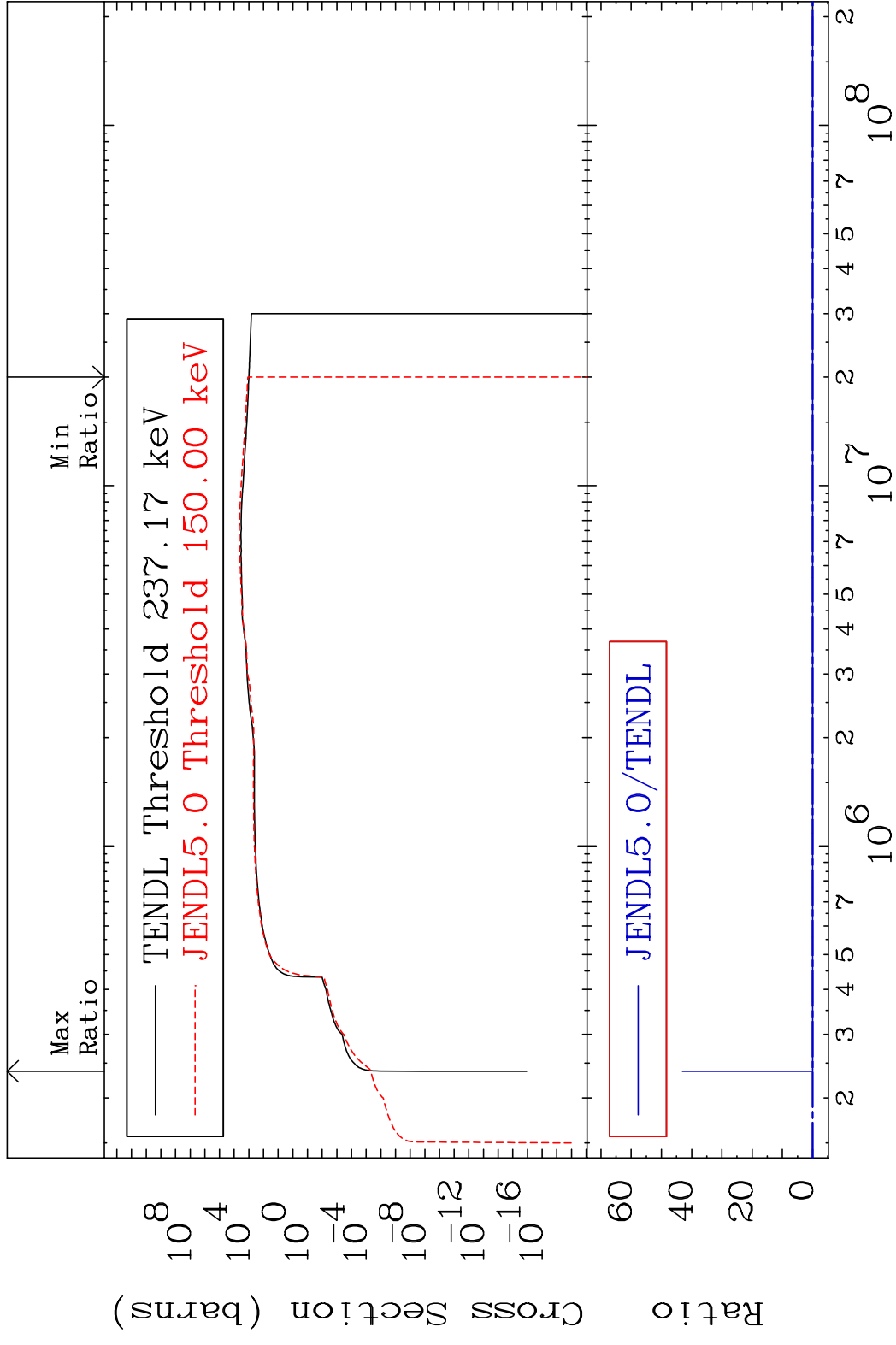
Dpa elastic (mt2)

13-A1-26

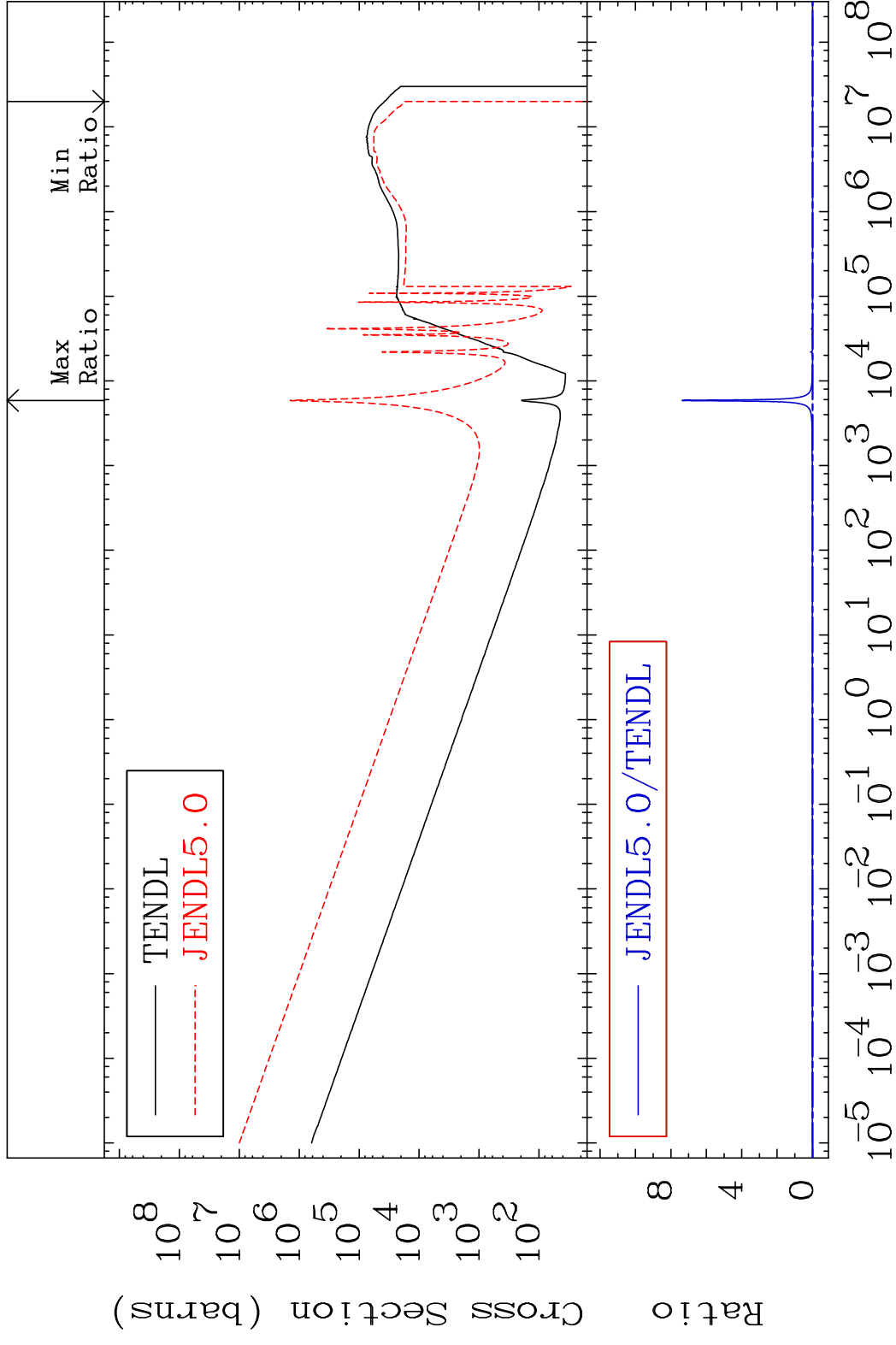
Cross Section -97.94 To 594.1 %

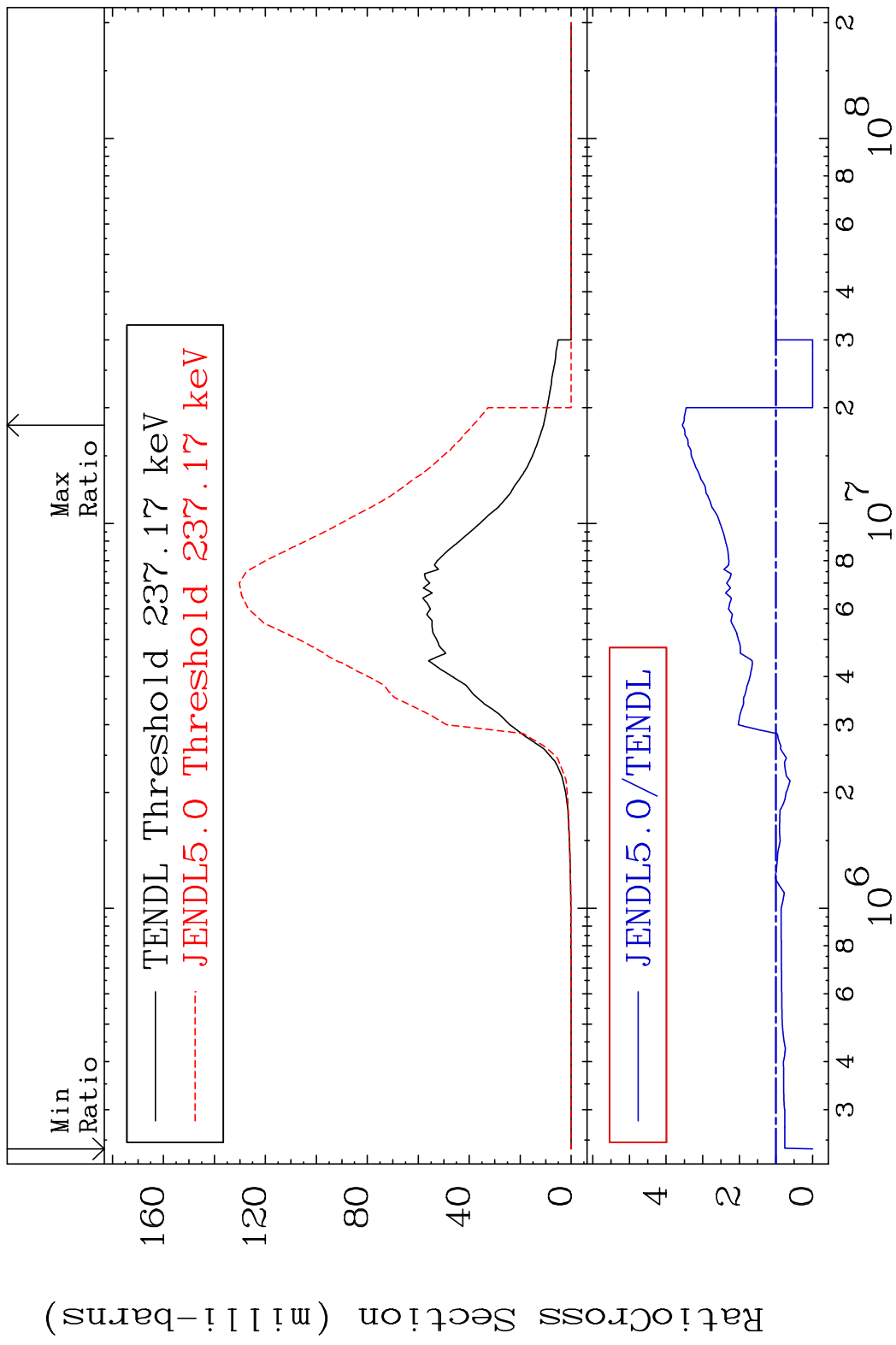


MAT 1322 Dpa inelastic (mt51-91) 13-A1-26
 Cross Section -100.0 To 9999. %



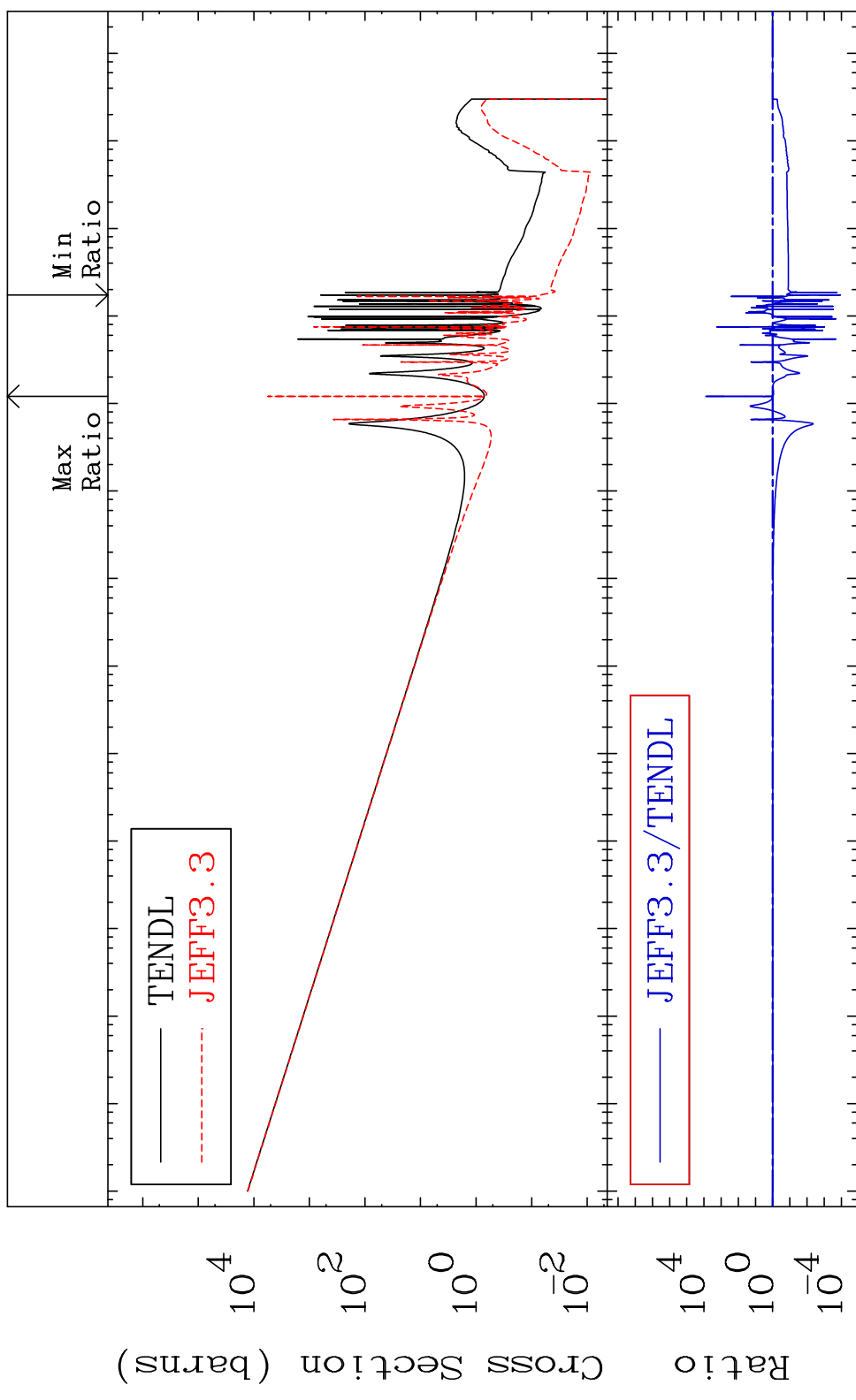
MAT 1322 Dpa disappearance (mt102 -120) 13-A1-26
 Cross Section -100.0 To 9999. %





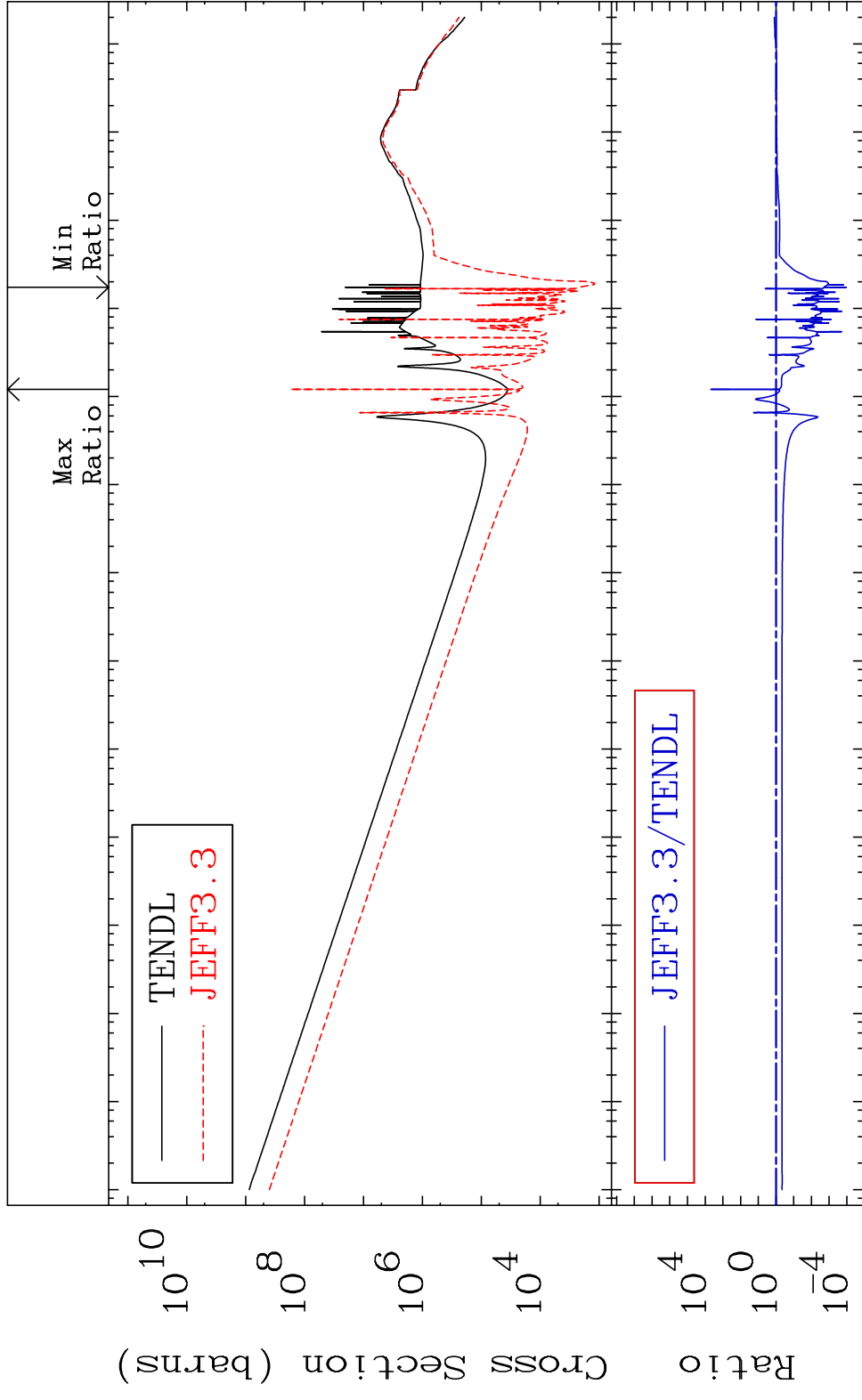
MAT 1322

Kerma capture (mt102) 13-A1-26
Cross Section -99.99 To 9999. %



MAT 1322

Total photon (eV-barns) 13-A1-26
Cross Section -99.99 To 9999. %

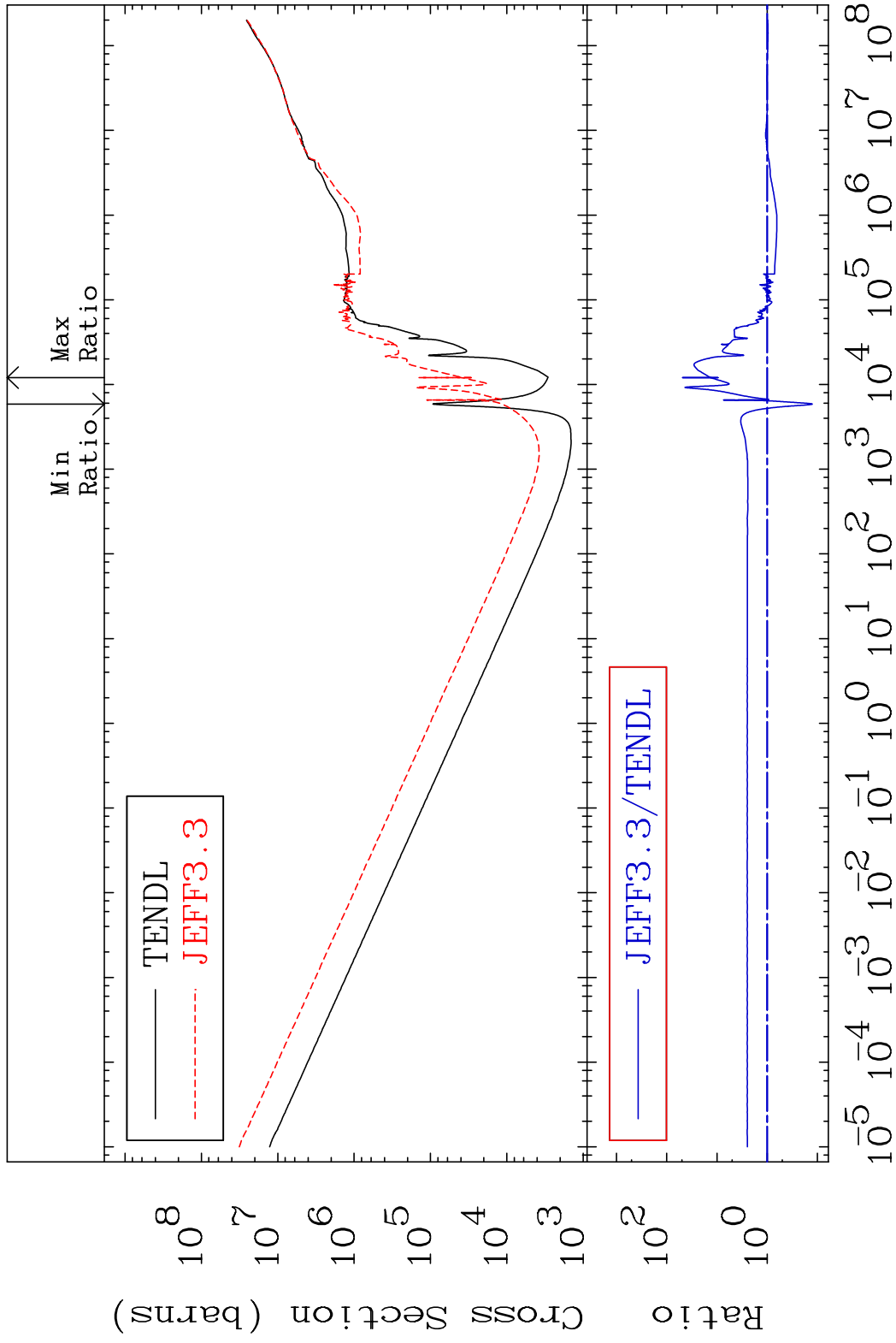


70

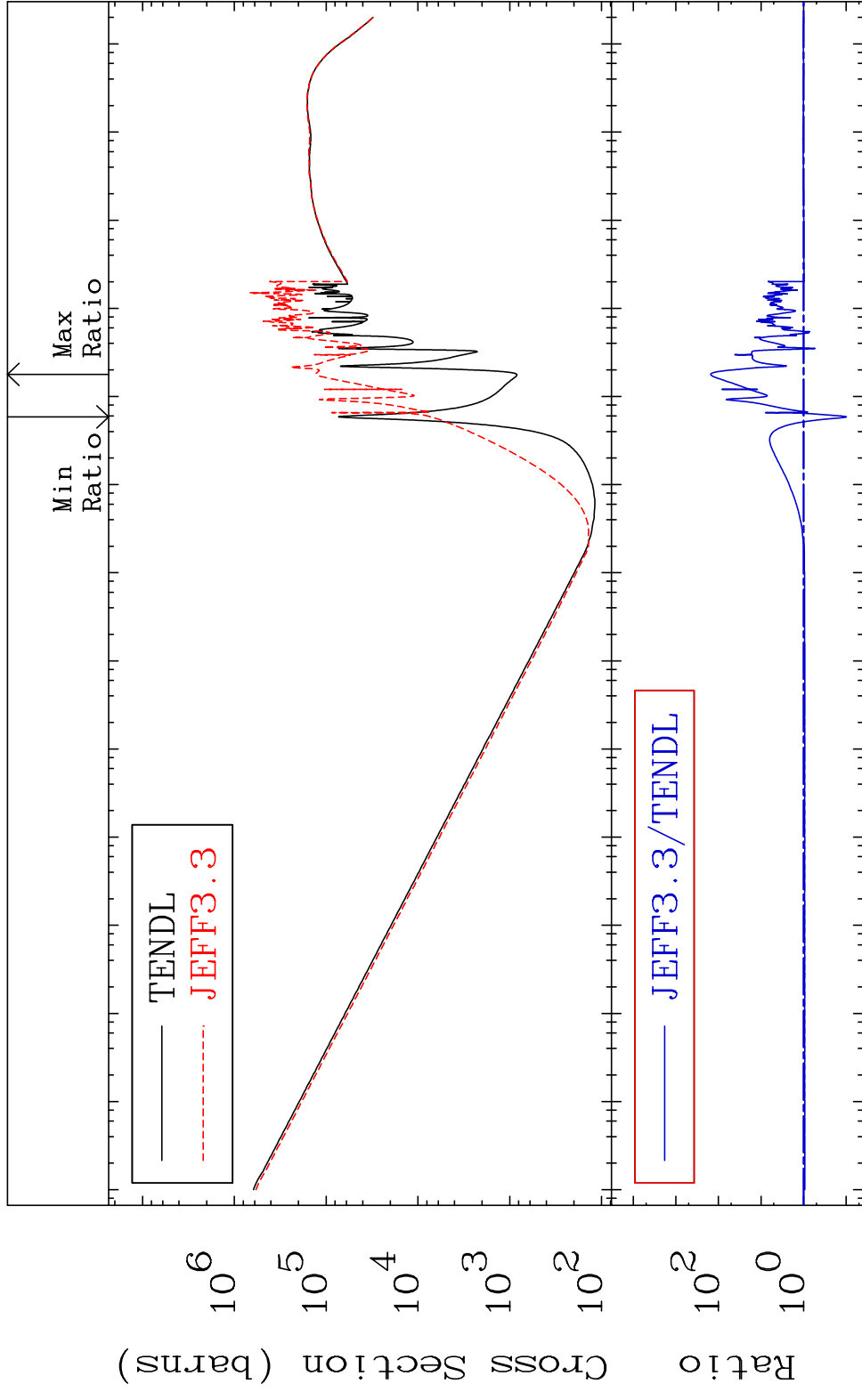
Incident Energy (eV)

13-A1-26

MAT 1322 Total kinematic kerma (high limit) 13-A1-26
 Cross Section -87.45 To 4790. %



Cross Section -90.11 To 9999. %

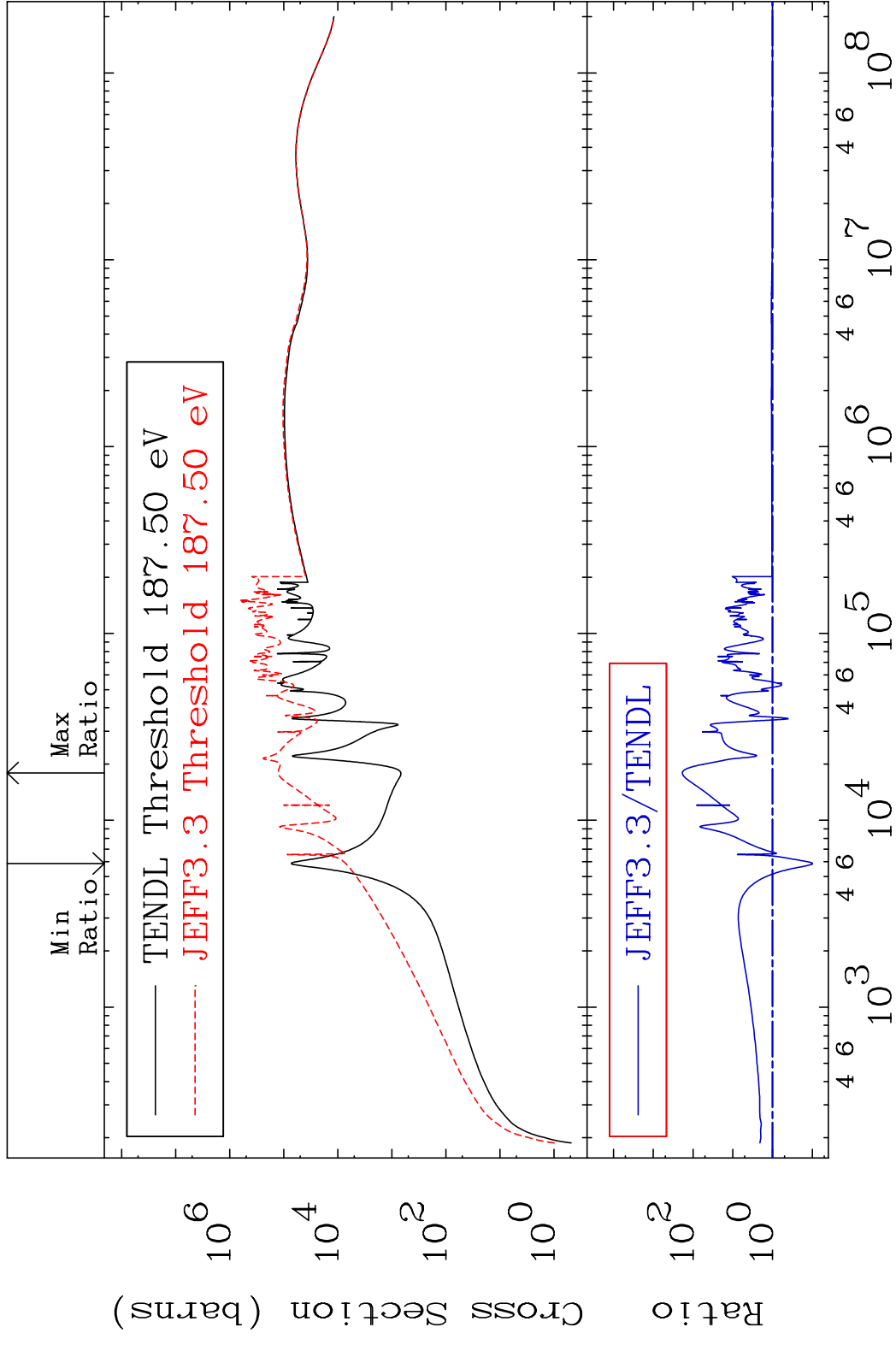


MAT 1322

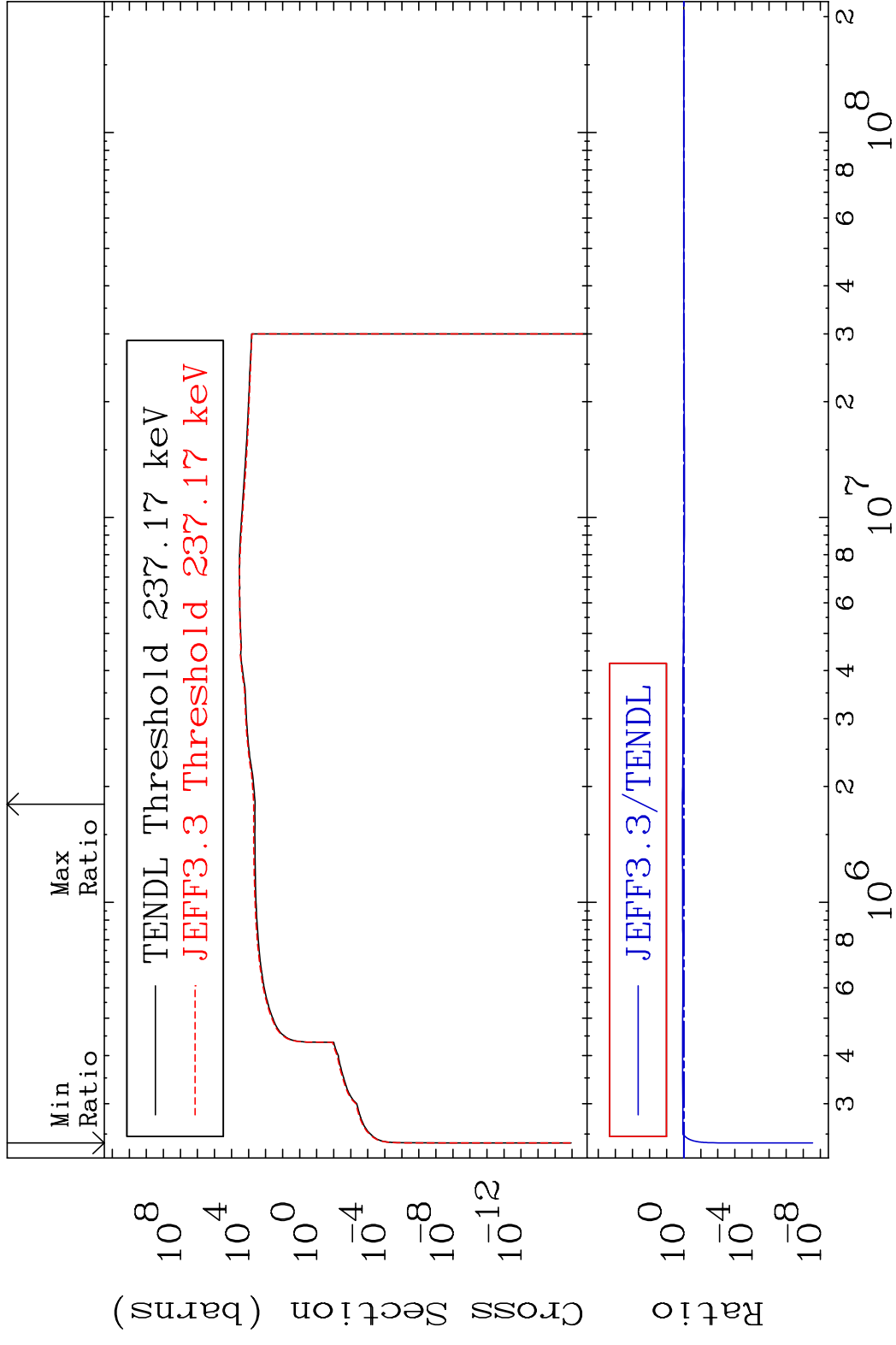
Dpa elastic (mt2)

13-A1-26

Cross Section -90.16 To 9999. %



MAT 1322 Dpa inelastic (mt51-91) 13-A1-26
 Cross Section -100.0 To 19.56 %



MAT 1322 Dpa disappearance (mt102 -120) 13-A1-26
 Cross Section -70.47 To 9999. %

