

Program Complot
(Version 2021-1)

by

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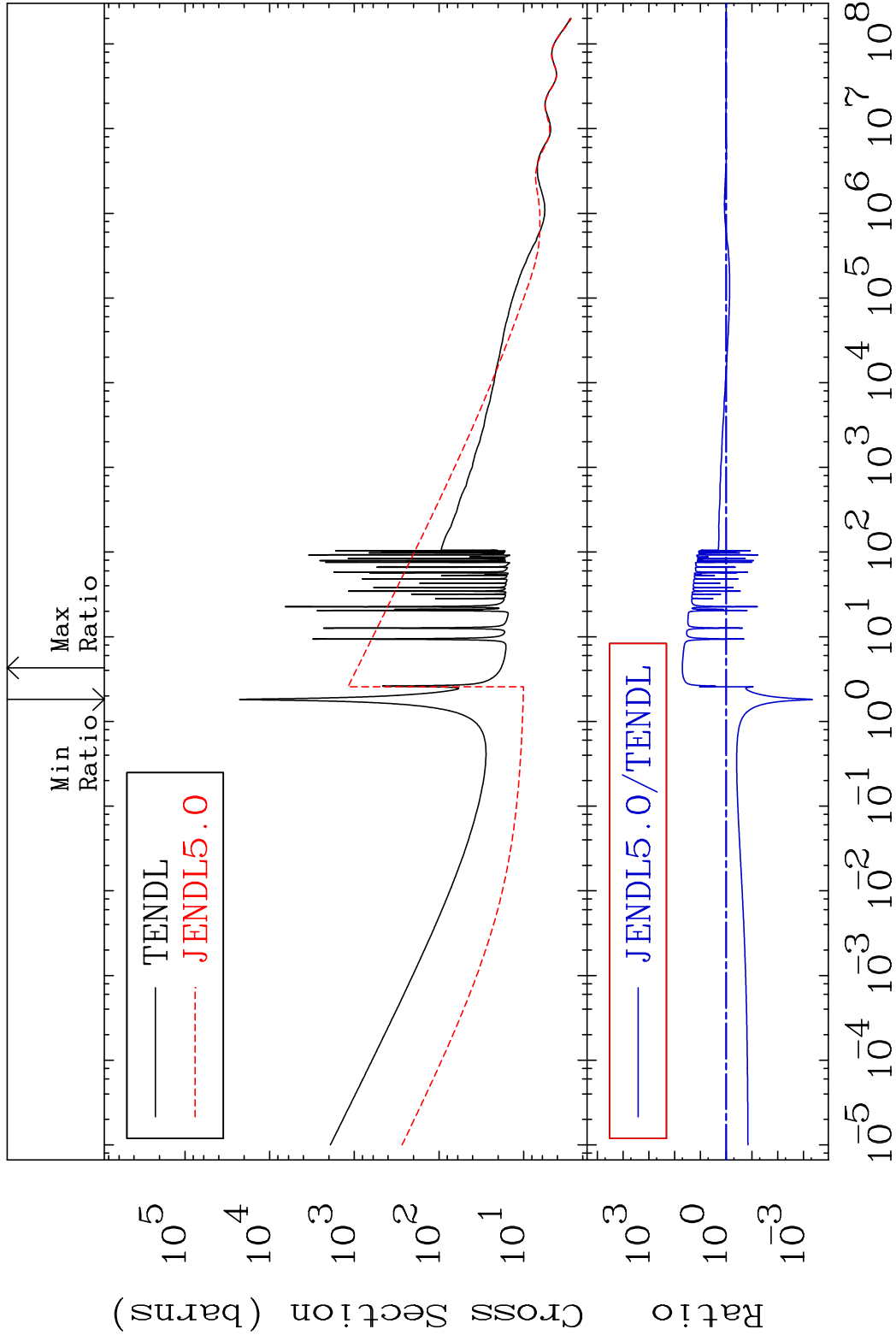
Press Mouse Button to Start

MAT 7537

Total

75-Re-189

Cross Section -99.96 To 4889. %



1

Incident Energy (eV)

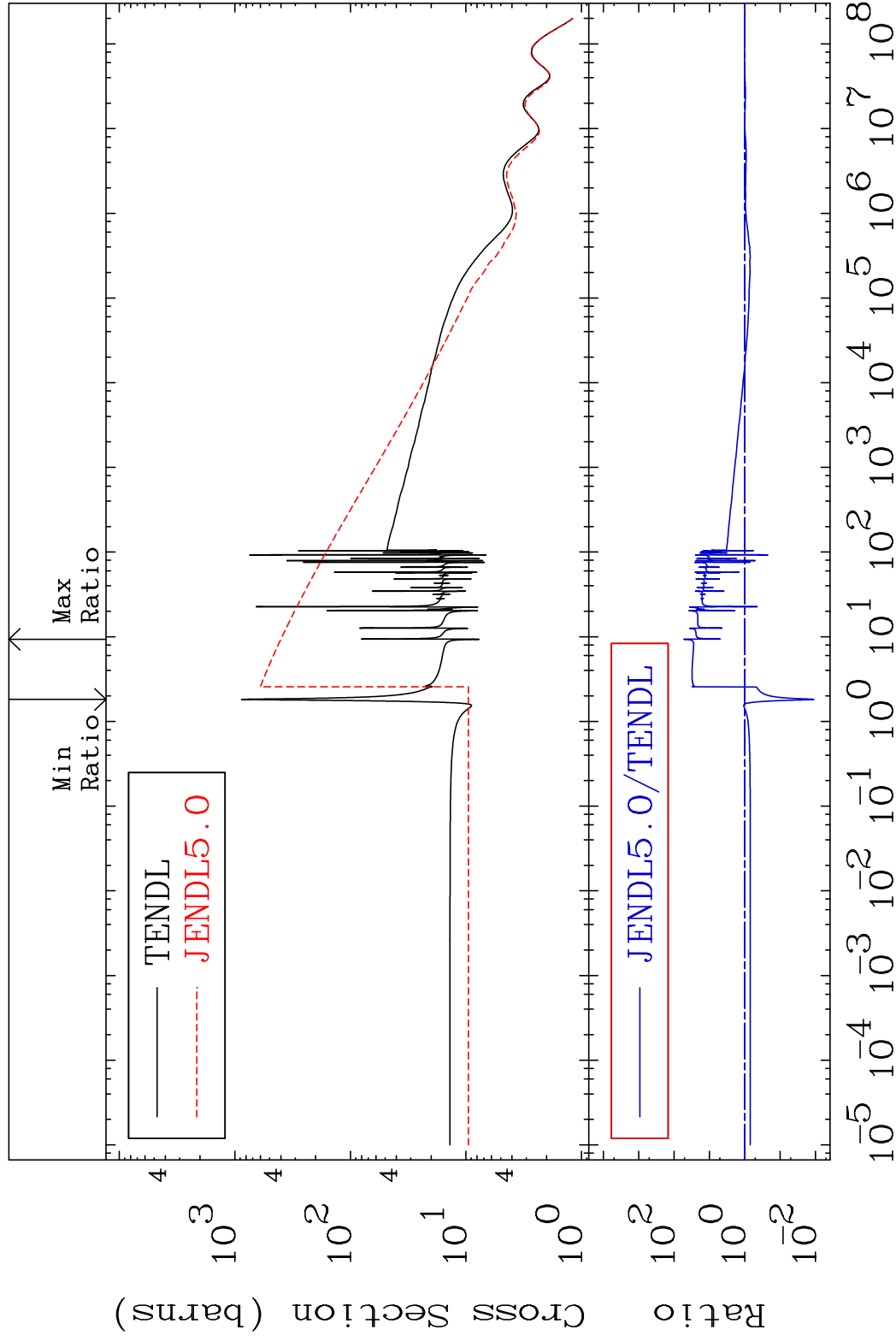
75-Re-189

MAT 7537

Elastic

75-Re-189

Cross Section -98.92 To 5098. %

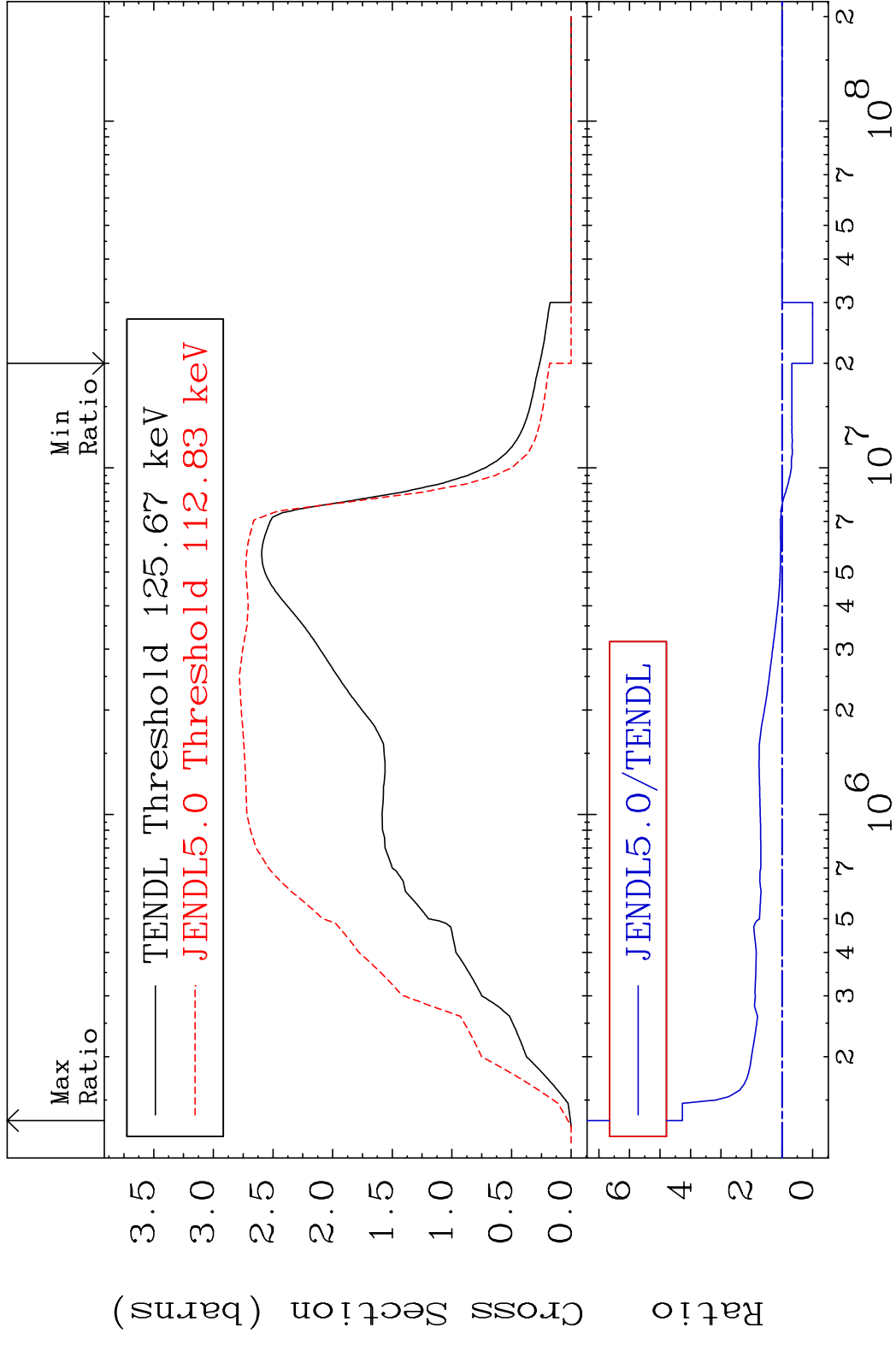


2

Incident Energy (eV)

75-Re-189

MAT 7537 Inelastic 75-Re-189
 Cross Section -100.0 To 326.7 %

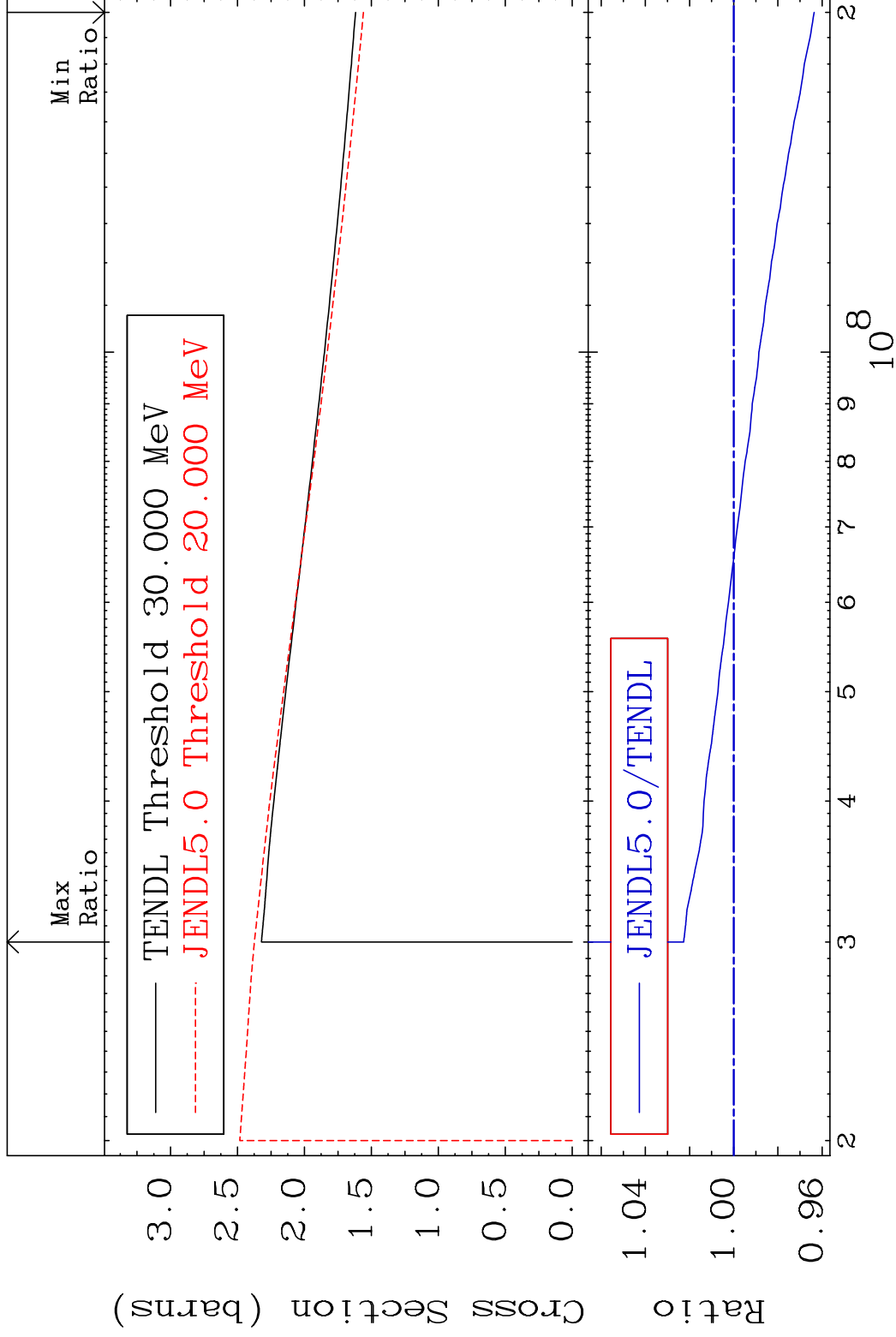


MAT 7537

(n, remainder)

75-Re-189

Cross Section -3.640 To 2.266 %

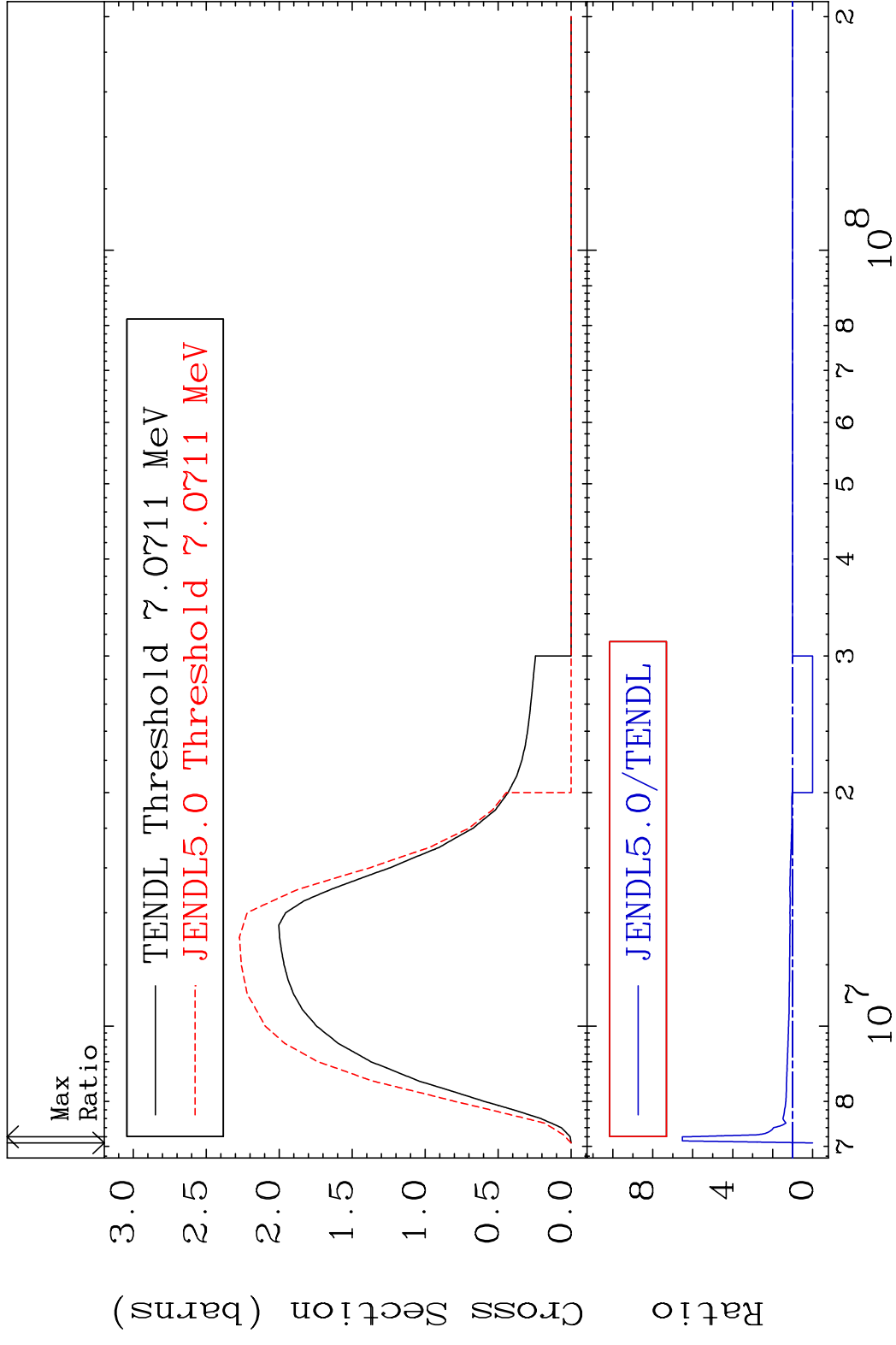


4

Incident Energy (eV)

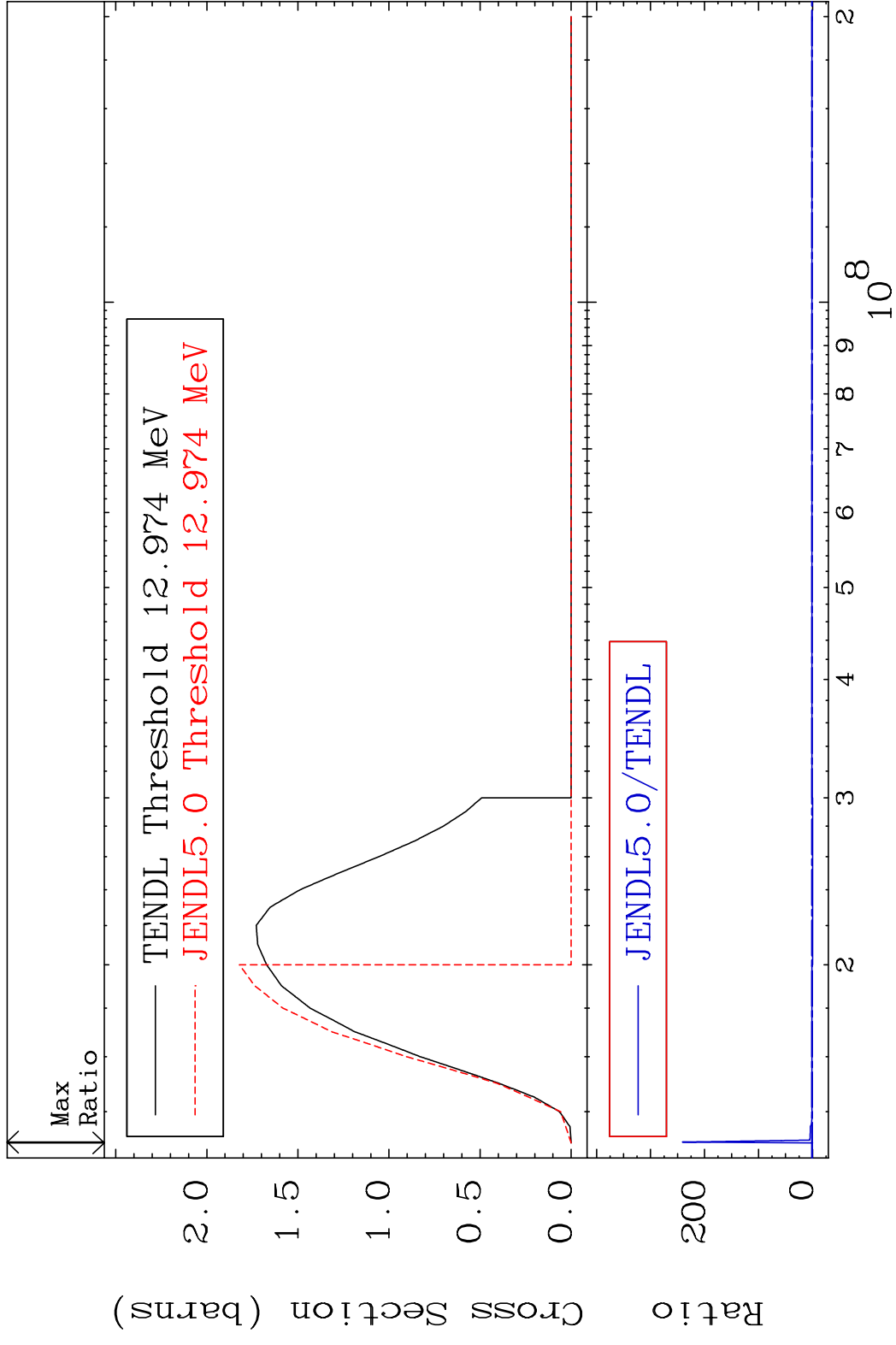
75-Re-189

MAT 7537 (n,2n) 75-Re-189
 Cross Section -100.0 To 552.0 %



5 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2
 75-Re-189

MAT 7537 (n,3n) 75-Re-189
 Cross Section -100.0 To 9999. %

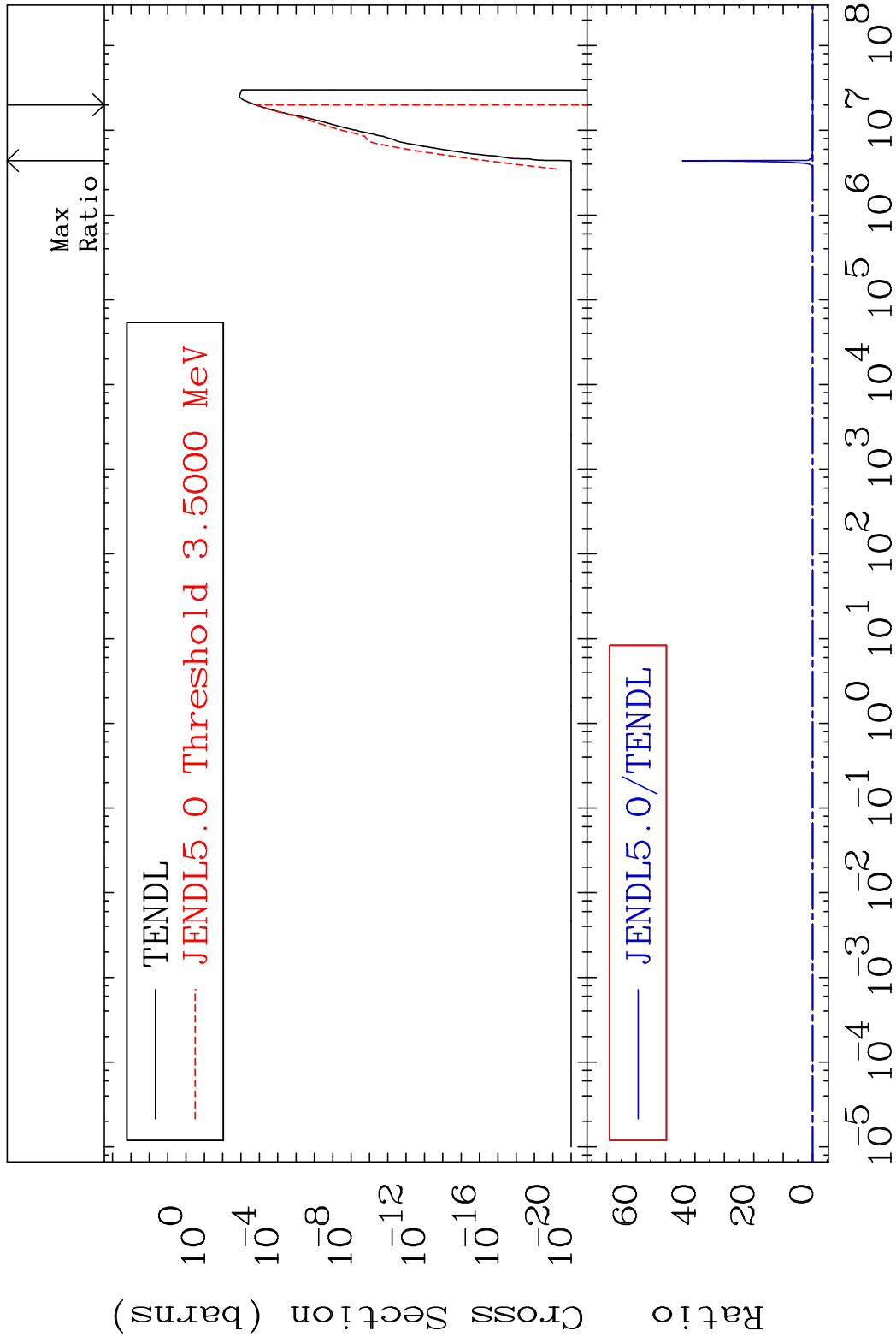


MAT 7537

(n, n') α

75-Re-189

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

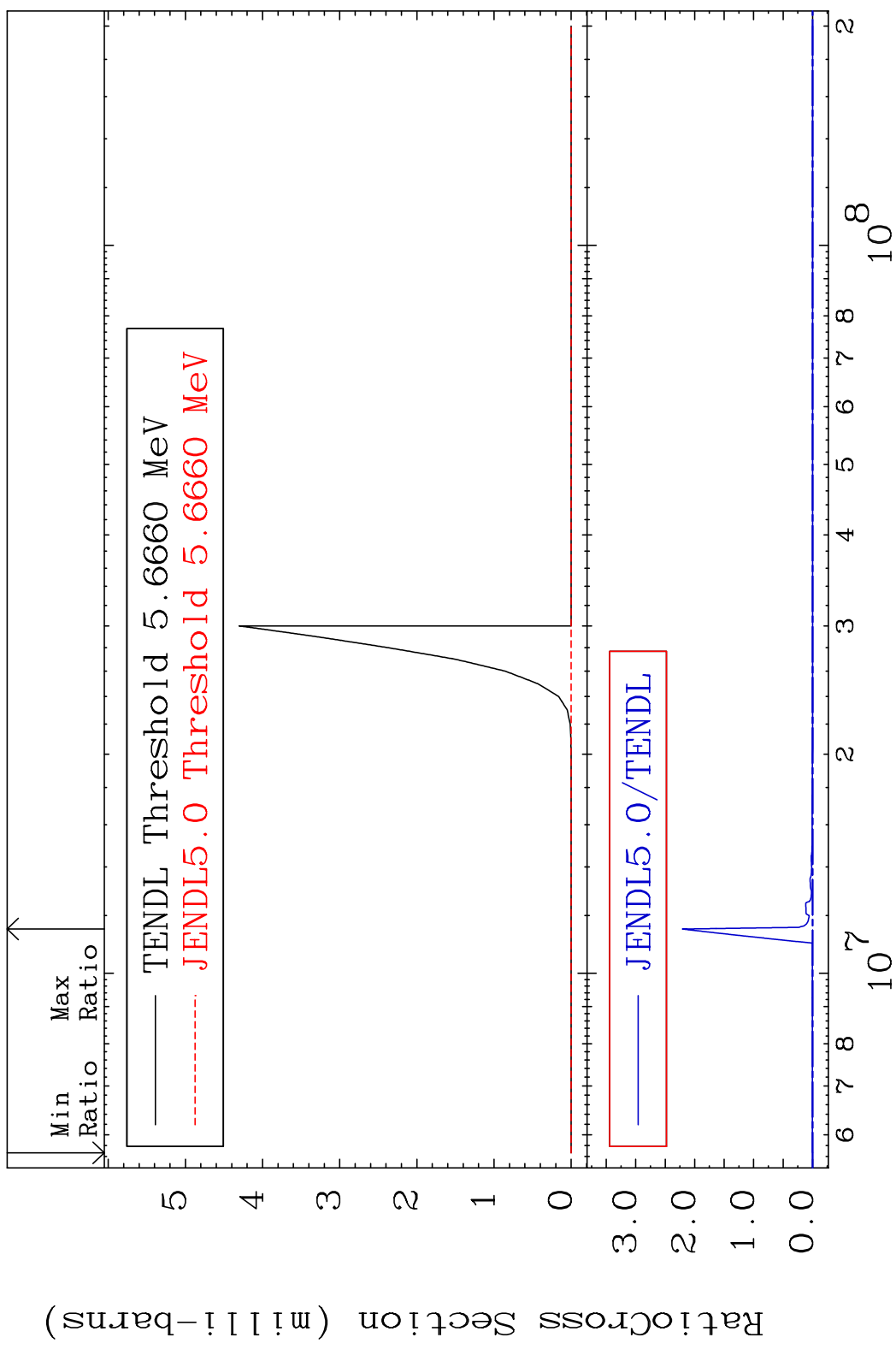
75-Re-189

MAT 7537

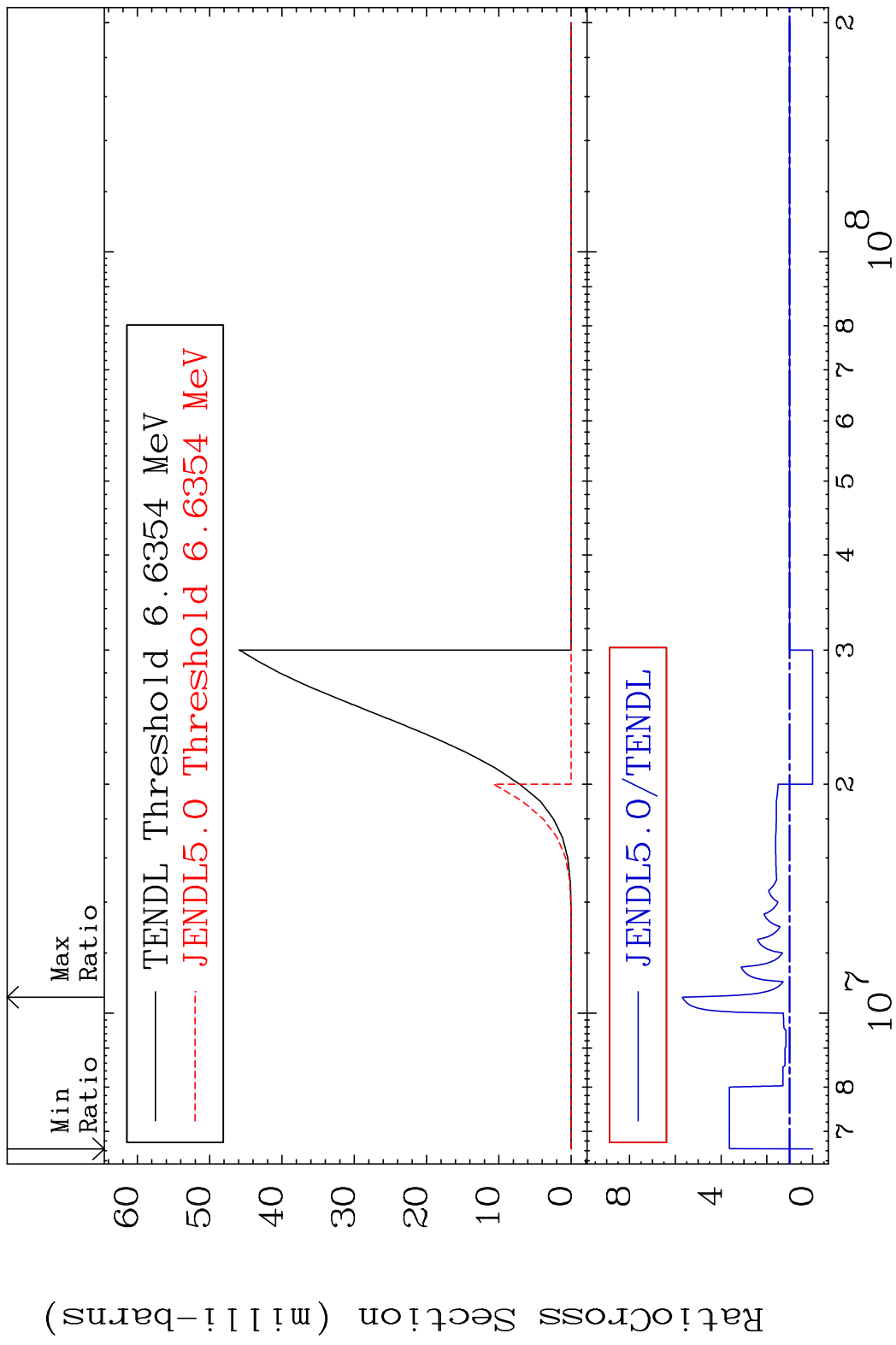
(n,2n) α

75-Re-189

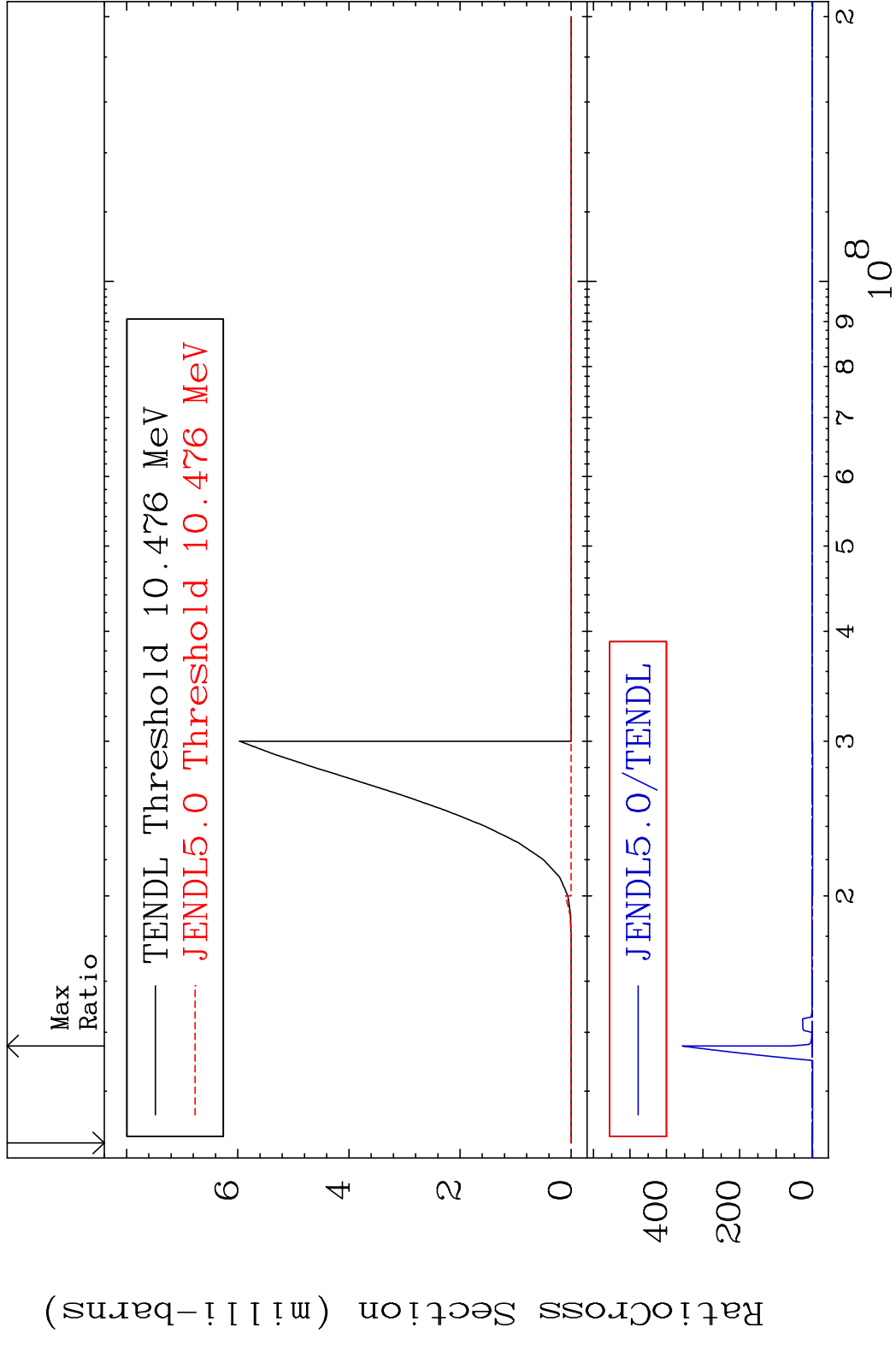
Cross Section -100.0 To 9999. %



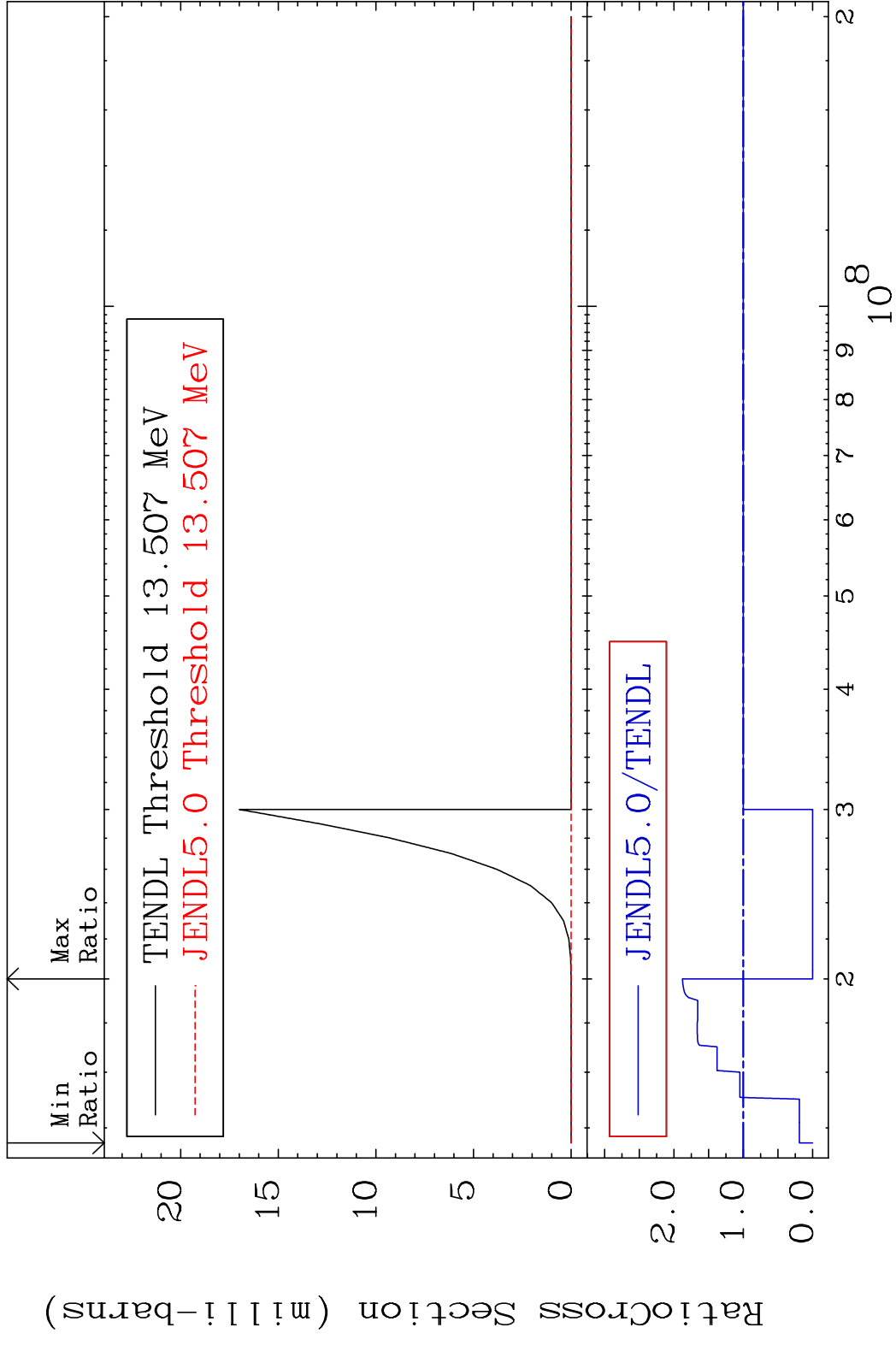
MAT 7537 (n, n') p 75-Re-189
 Cross Section -100.0 To 469.2 %



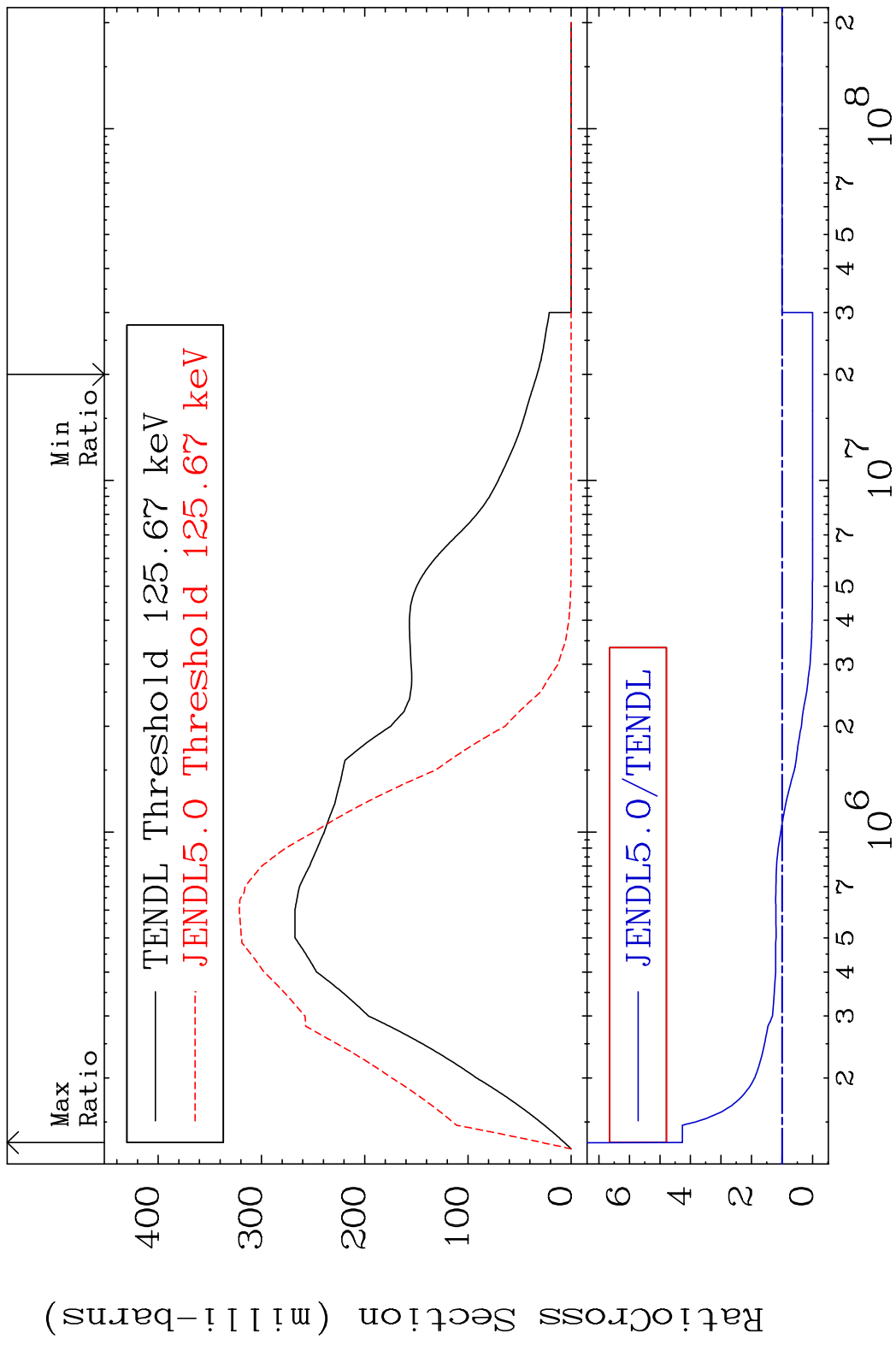
MAT 7537 (n, n') t 75-Re-189
 Cross Section -100.0 To 9999. %



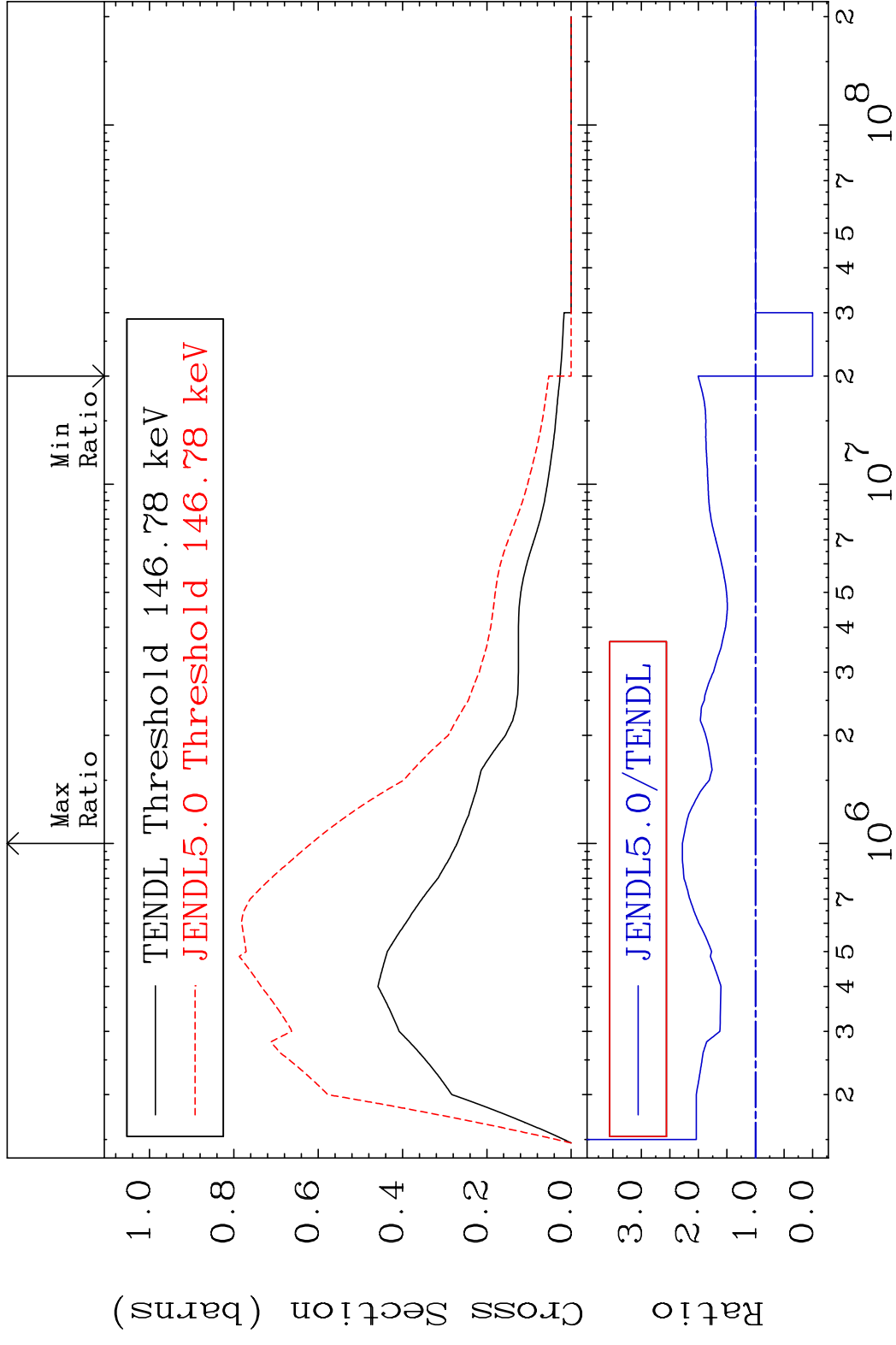
MAT 7537 (n,2n) p 75-Re-189
 Cross Section -100.0 To 87.82 %



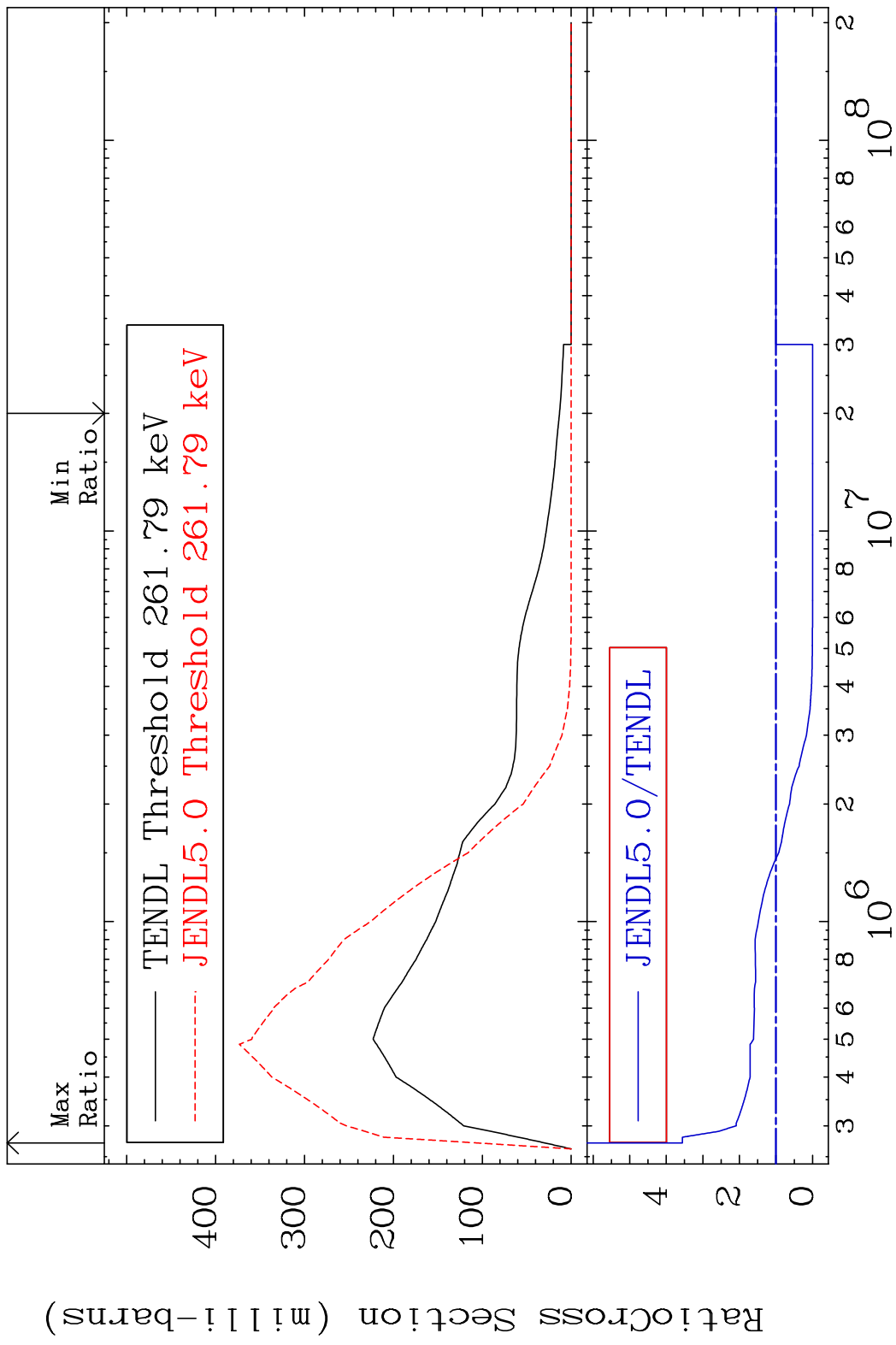
MAT 7537 MT= 51 (n, n') Level 75-Re-189
 Cross Section -100.0 To 326.6 %



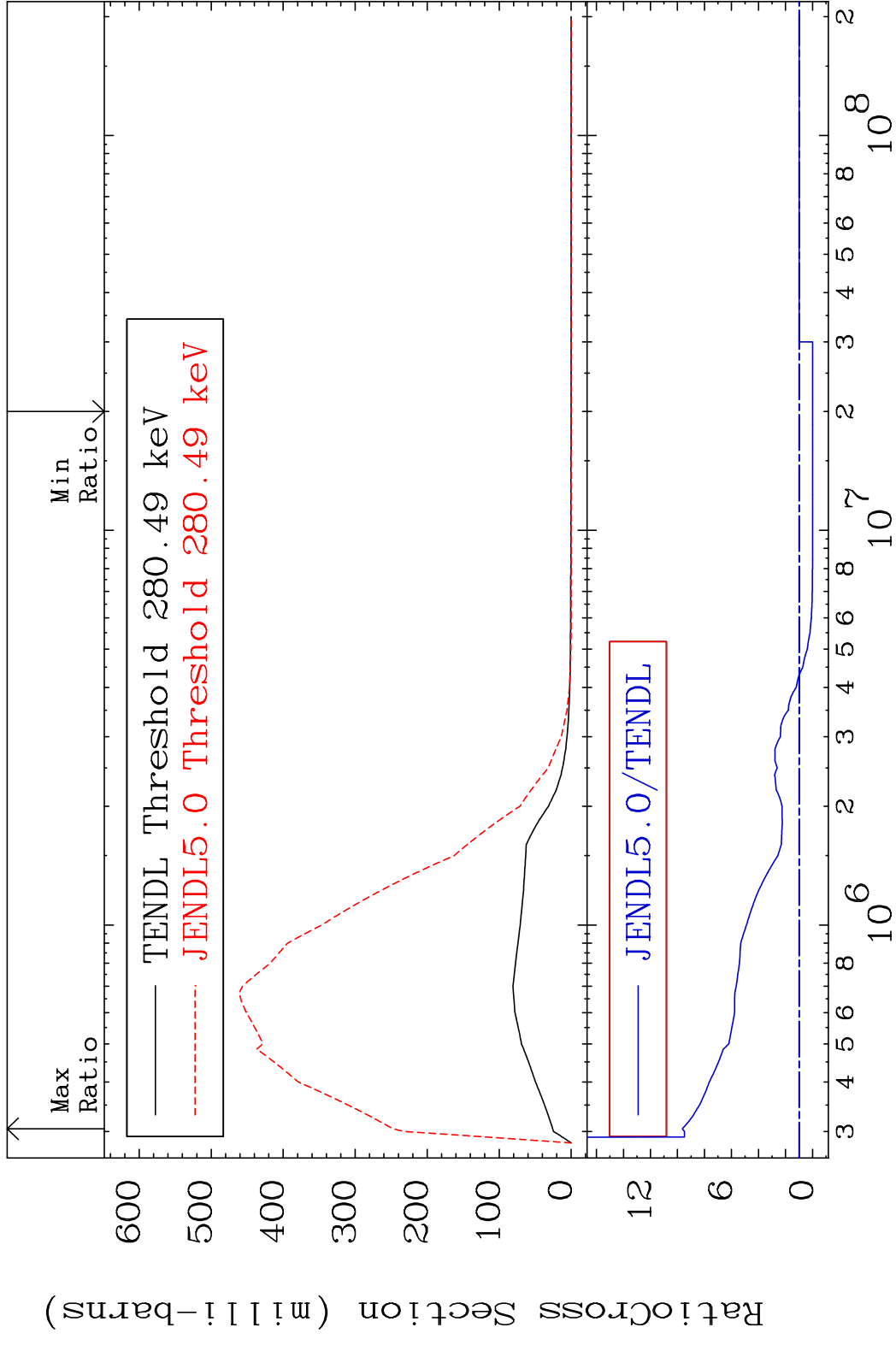
MAT 7537 MT= 52 (n, n') Level 75-Re-189
 Cross Section -100.0 To 128.1 %



MAT 7537 MT= 53 (n,n') Level 75-Re-189
 Cross Section -100.0 To 256.0 %

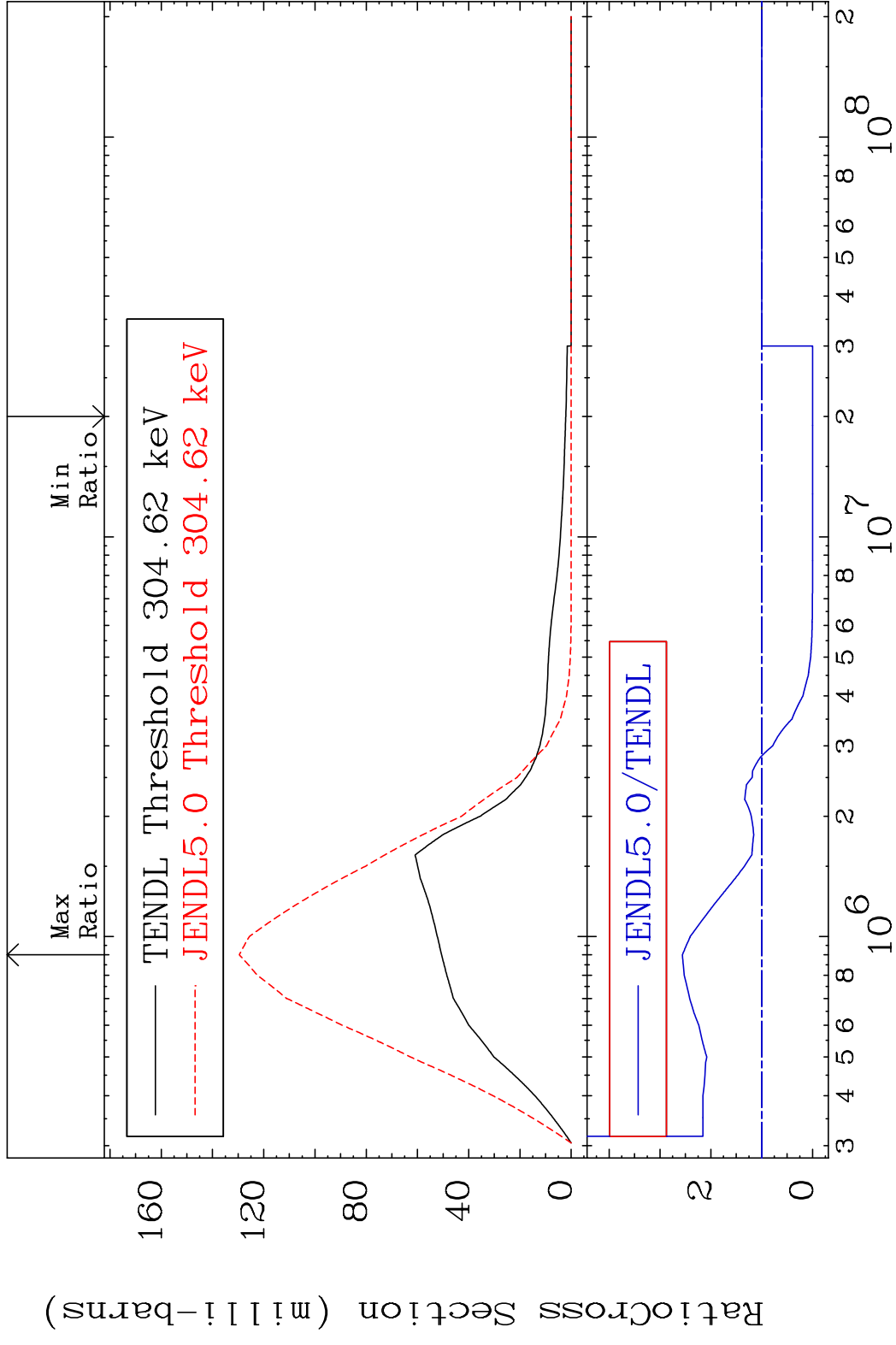


MAT 7537 MT= 54 (n, n') Level 75-Re-189
 Cross Section -100.0 To 863.9 %

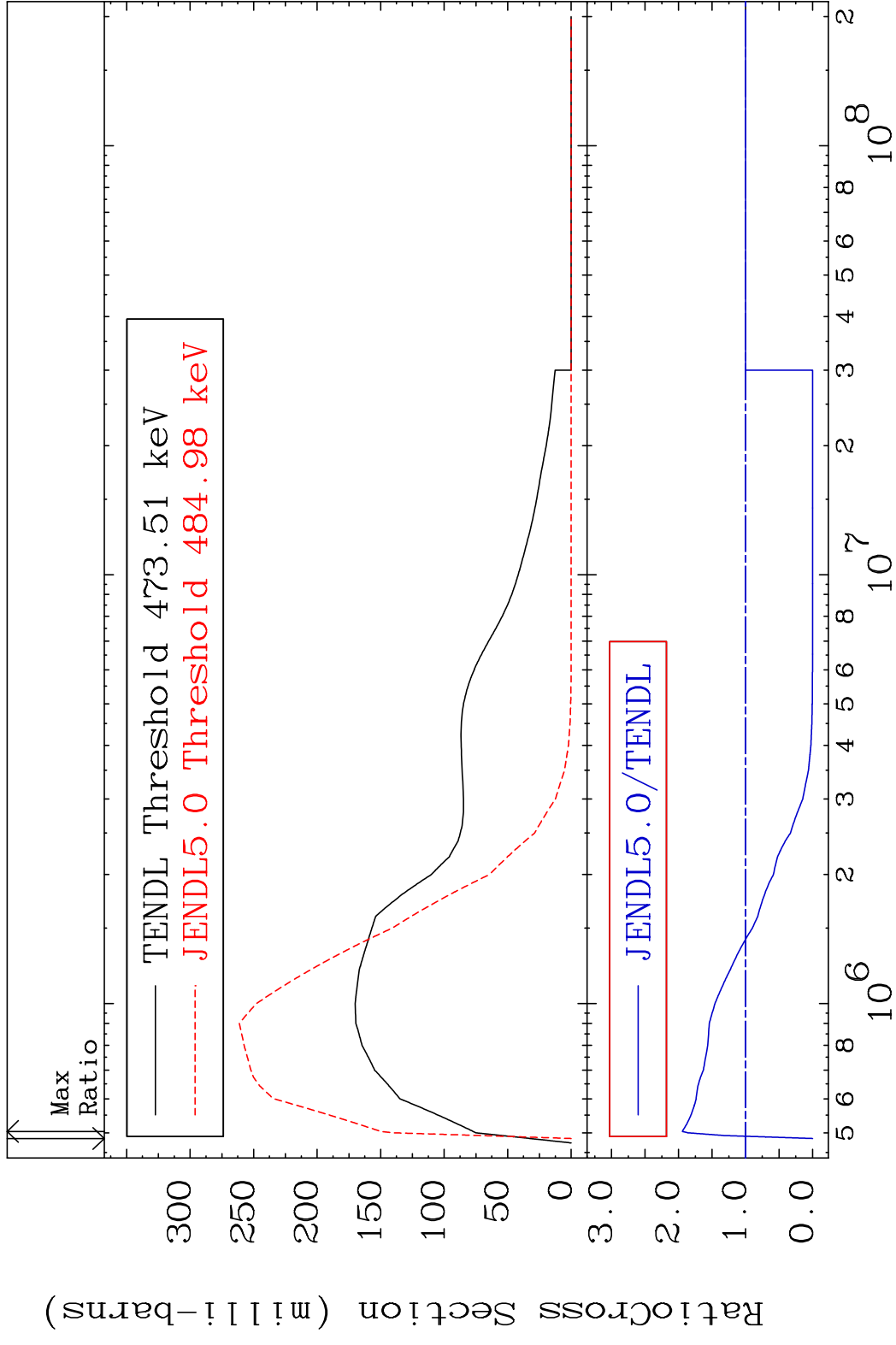


16 Incident Energy (eV) 75-Re-189

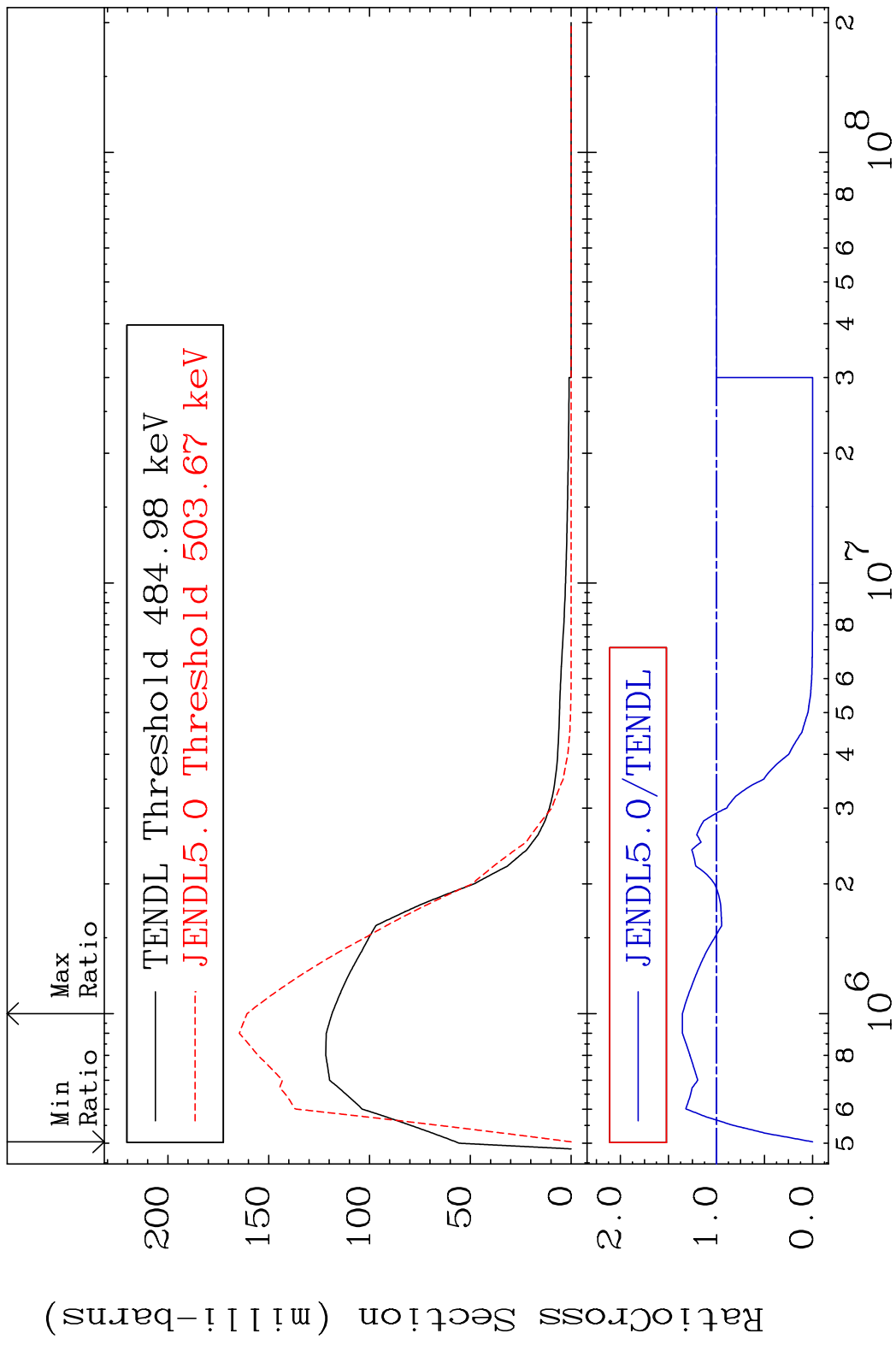
MAT 7537 MT= 55 (n, n') Level 75-Re-189
 Cross Section -100.0 To 155.9 %



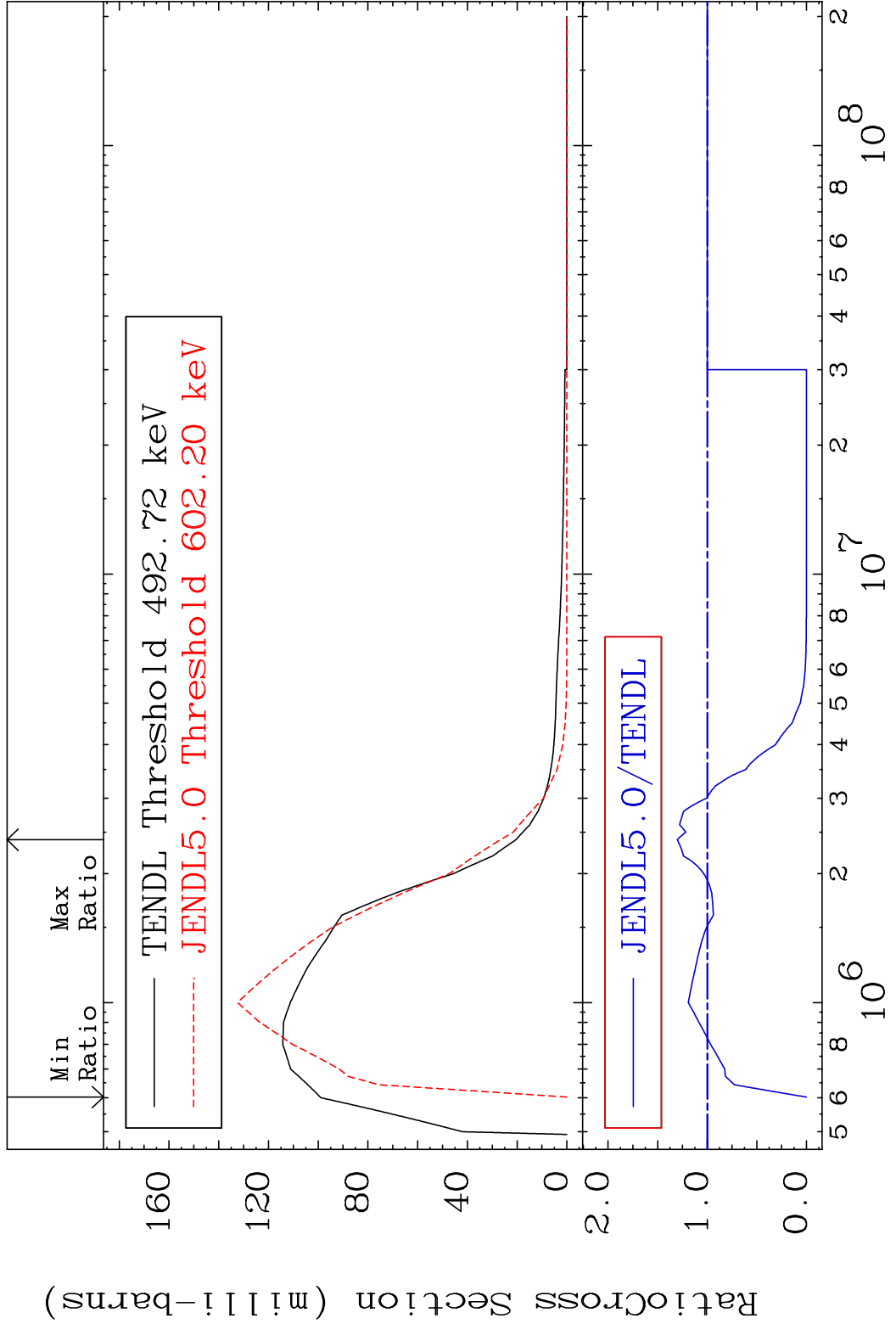
MAT 7537 MT= 56 (n,n') Level 75-Re-189
 Cross Section -100.0 To 94.33 %



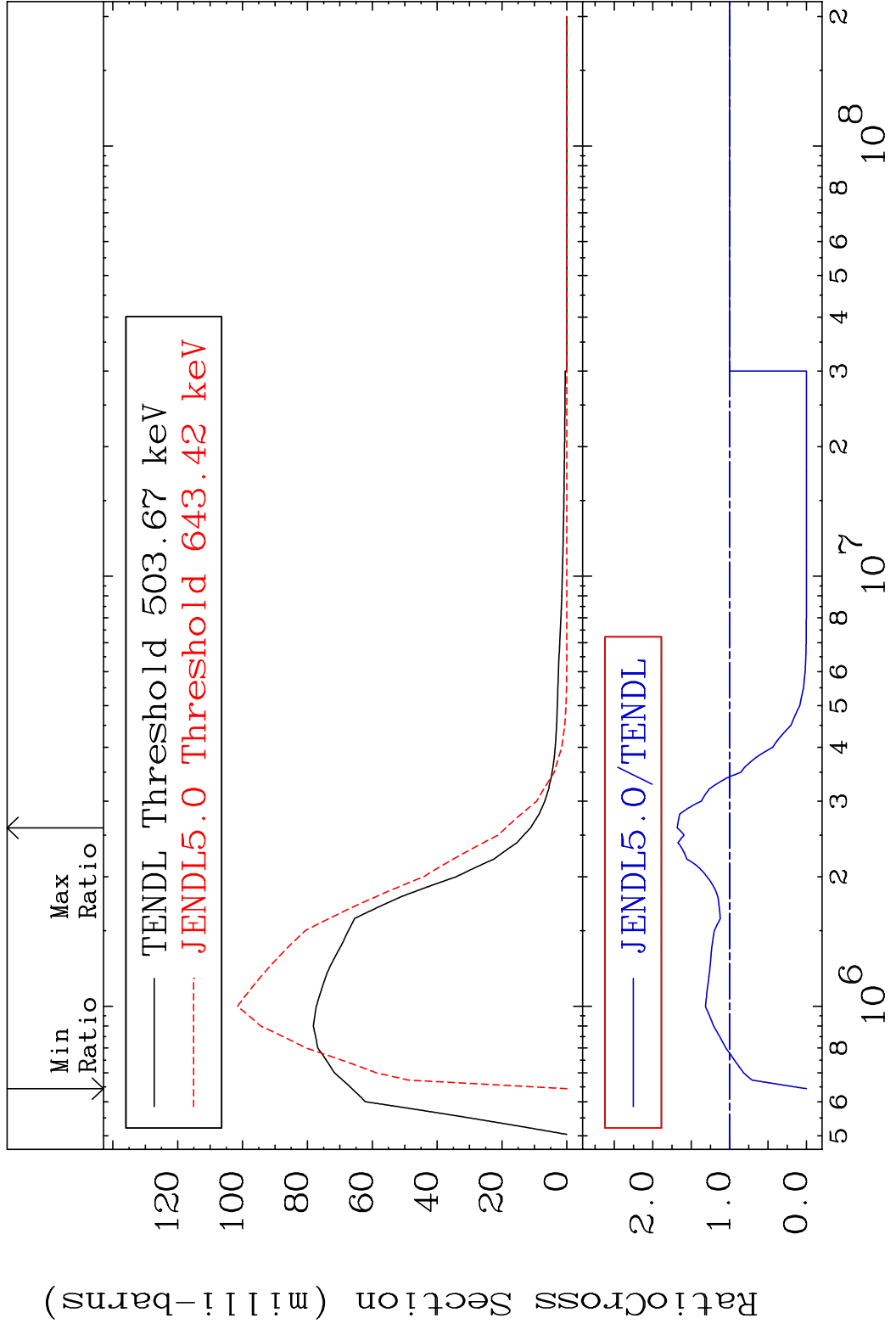
MAT 7537 MT= 57 (n, n') Level 75-Re-189
 Cross Section -100.0 To 35.53 %



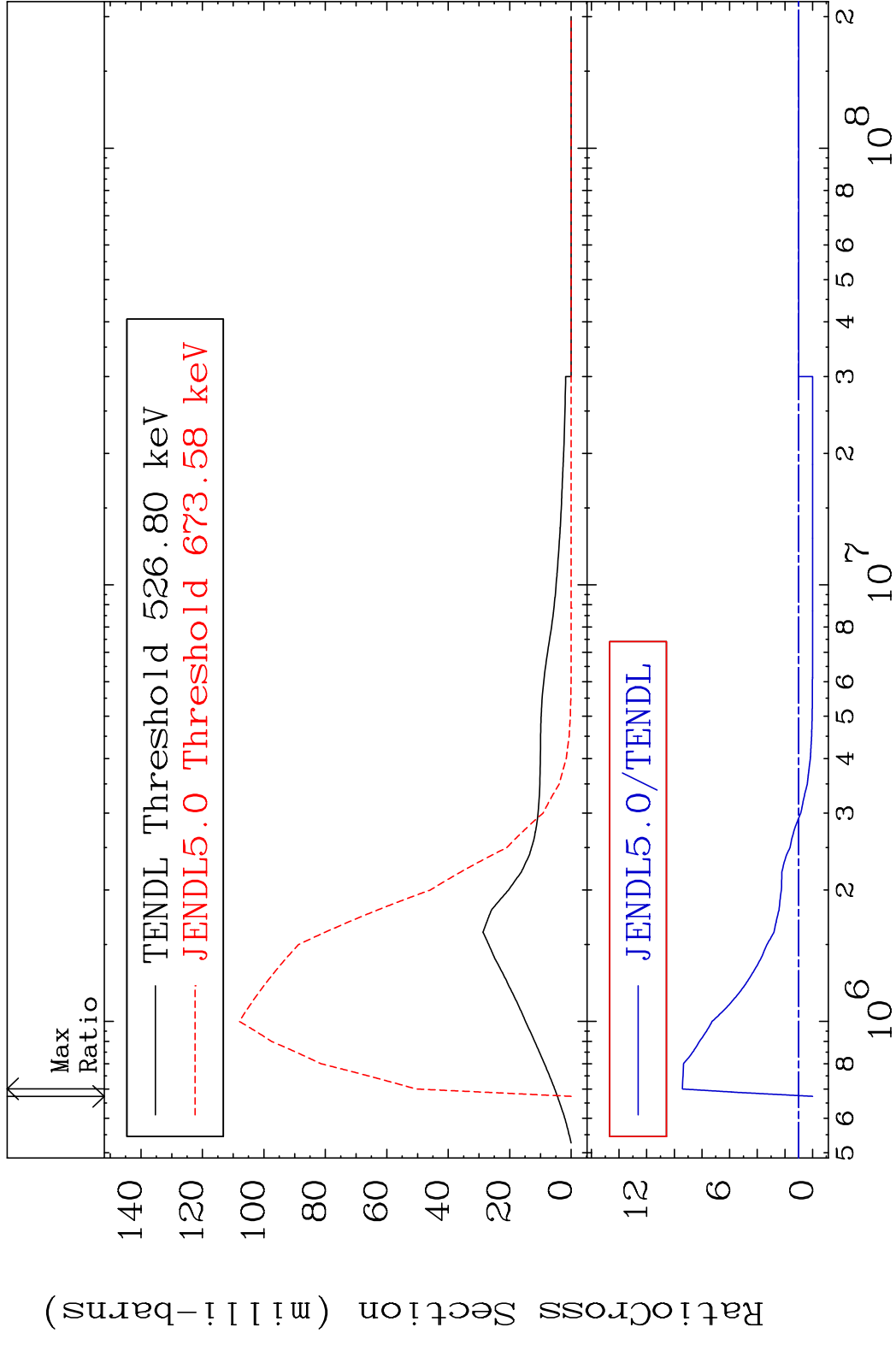
MAT 7537 MT= 58 (n, n') Level 75-Re-189
 Cross Section -100.0 To 30.30 %



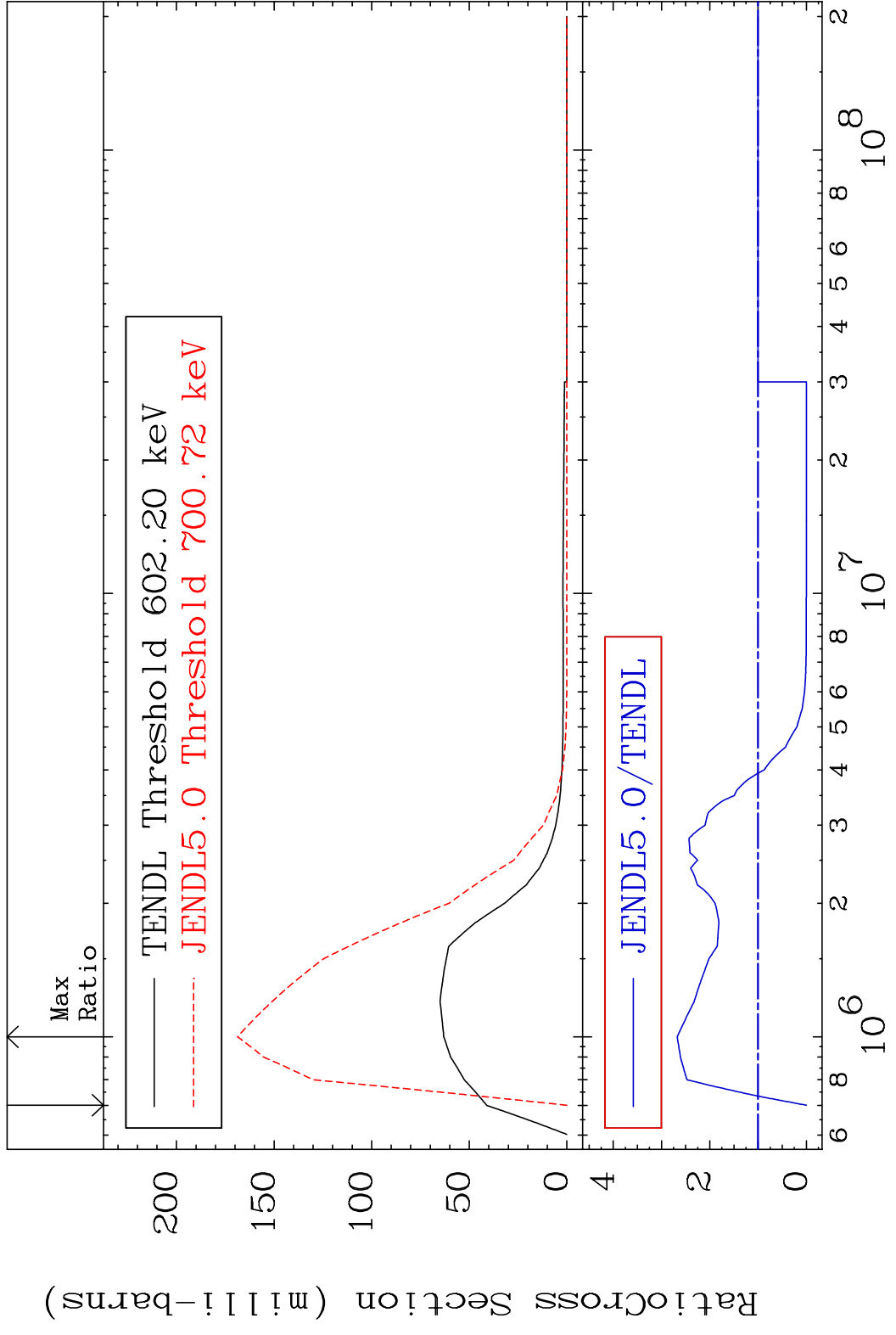
MAT 7537 MT= 59 (n, n') Level 75-Re-189
 Cross Section -100.0 To 68.21 %



MAT 7537 MT= 60 (n, n') Level 75-Re-189
 Cross Section -100.0 To 841.9 %



MAT 7537 MT= 61 (n, n') Level 75-Re-189
 Cross Section -100.0 To 167.6 %

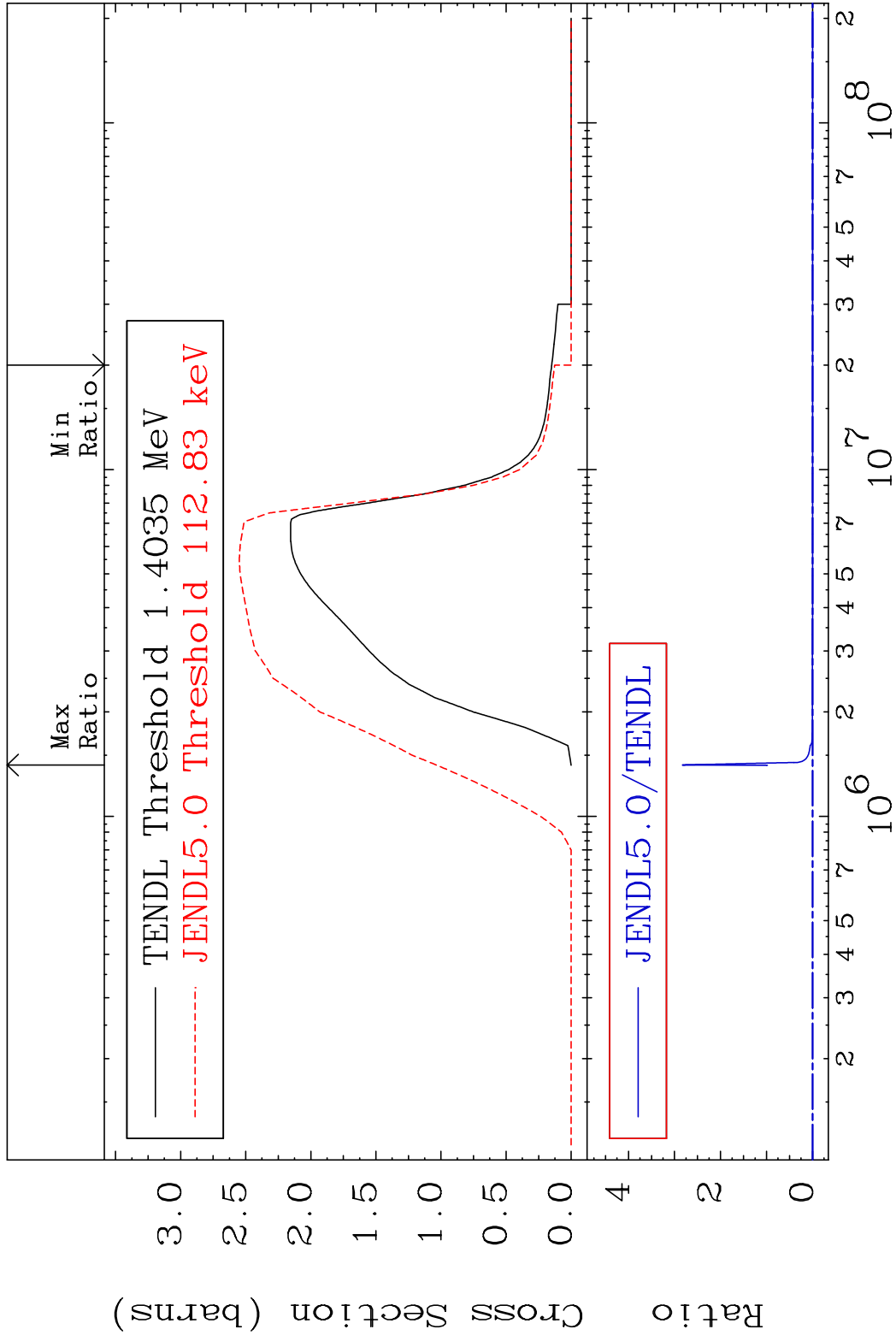


MAT 7537

(n, n') Continuum

75-Re-189

Cross Section -100.0 To 9999. %

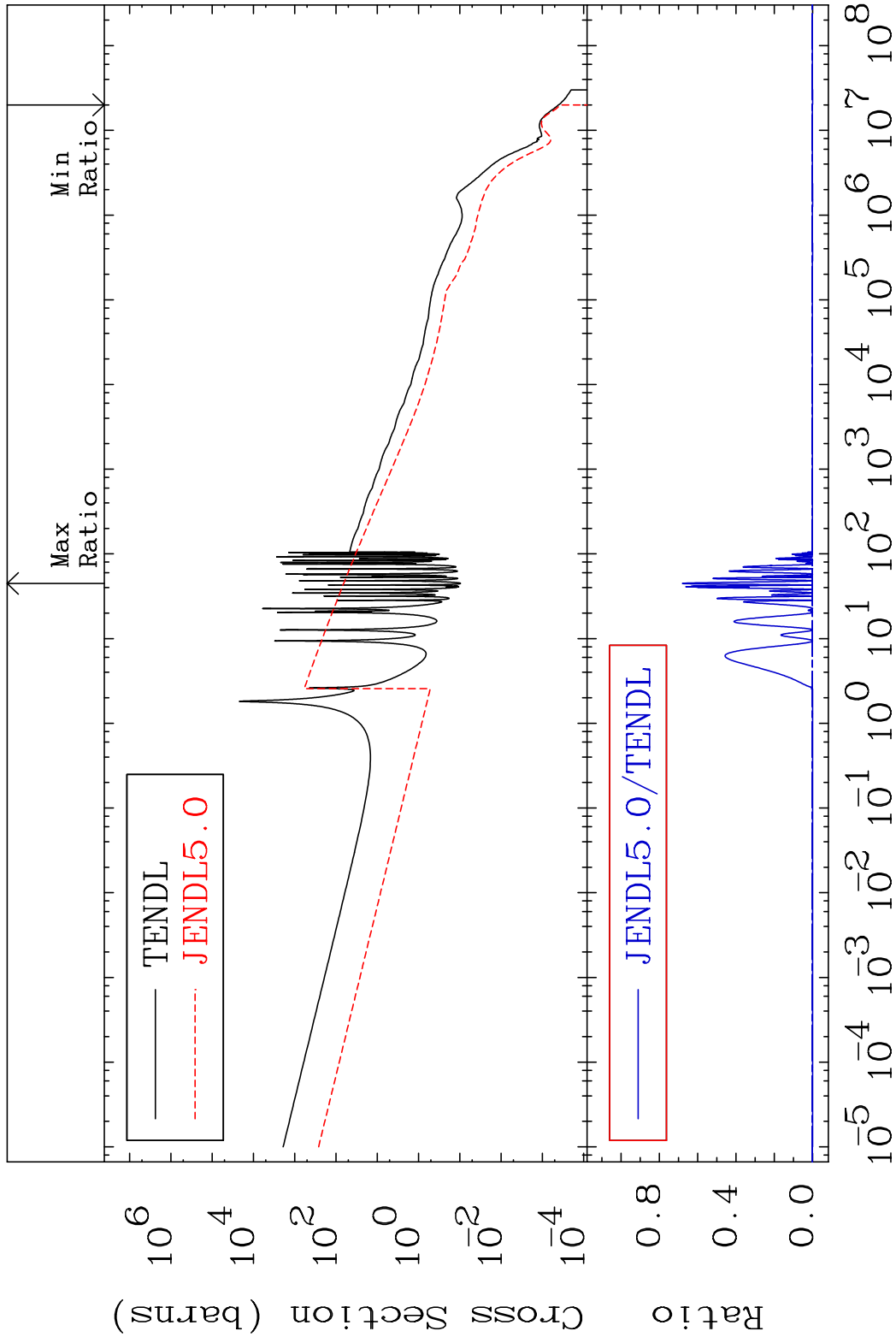


MAT 7537

(n, γ)

75-Re-189

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

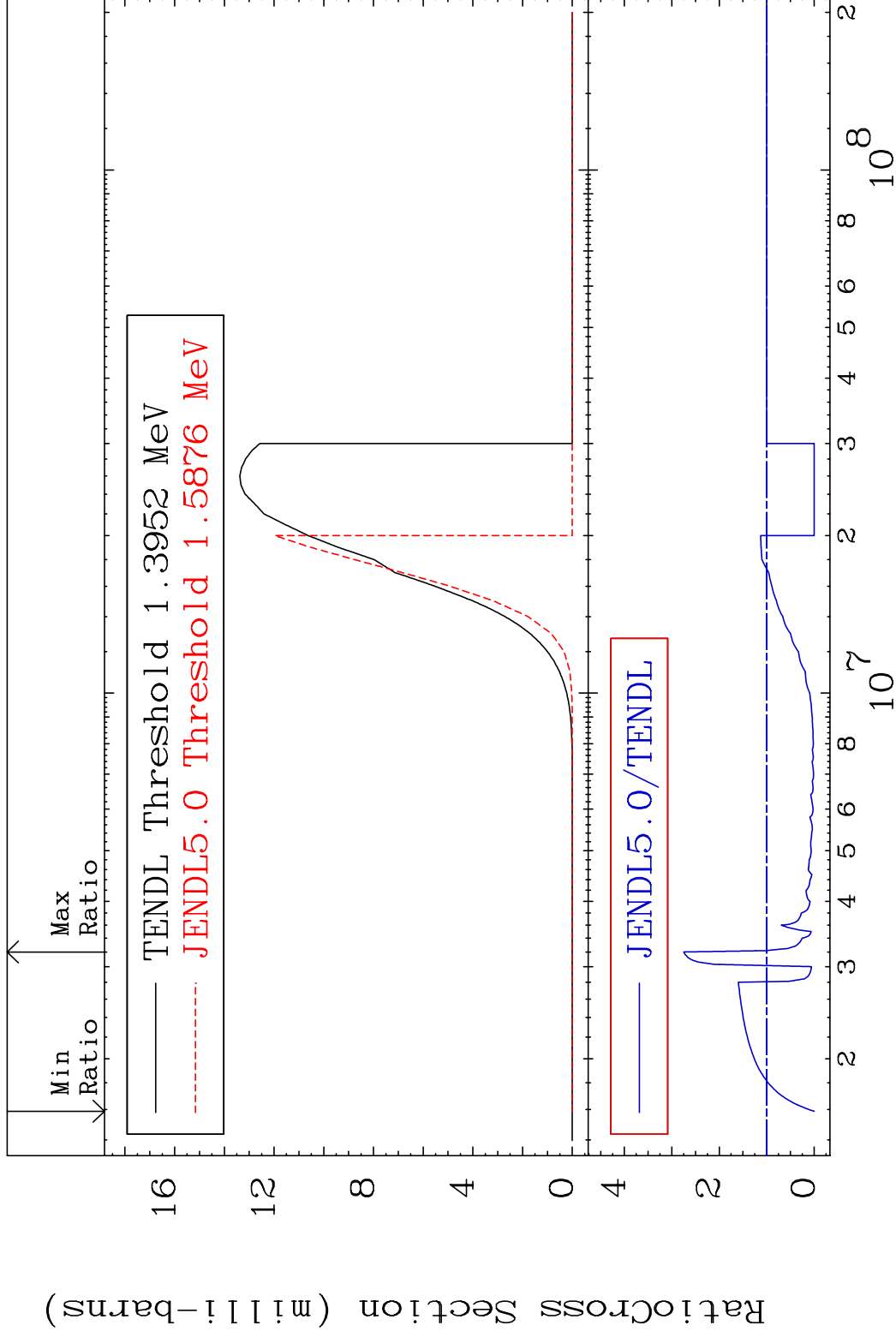
75-Re-189

MAT 7537

(n,p)

75-Re-189

Cross Section -100.0 To 175.0 %

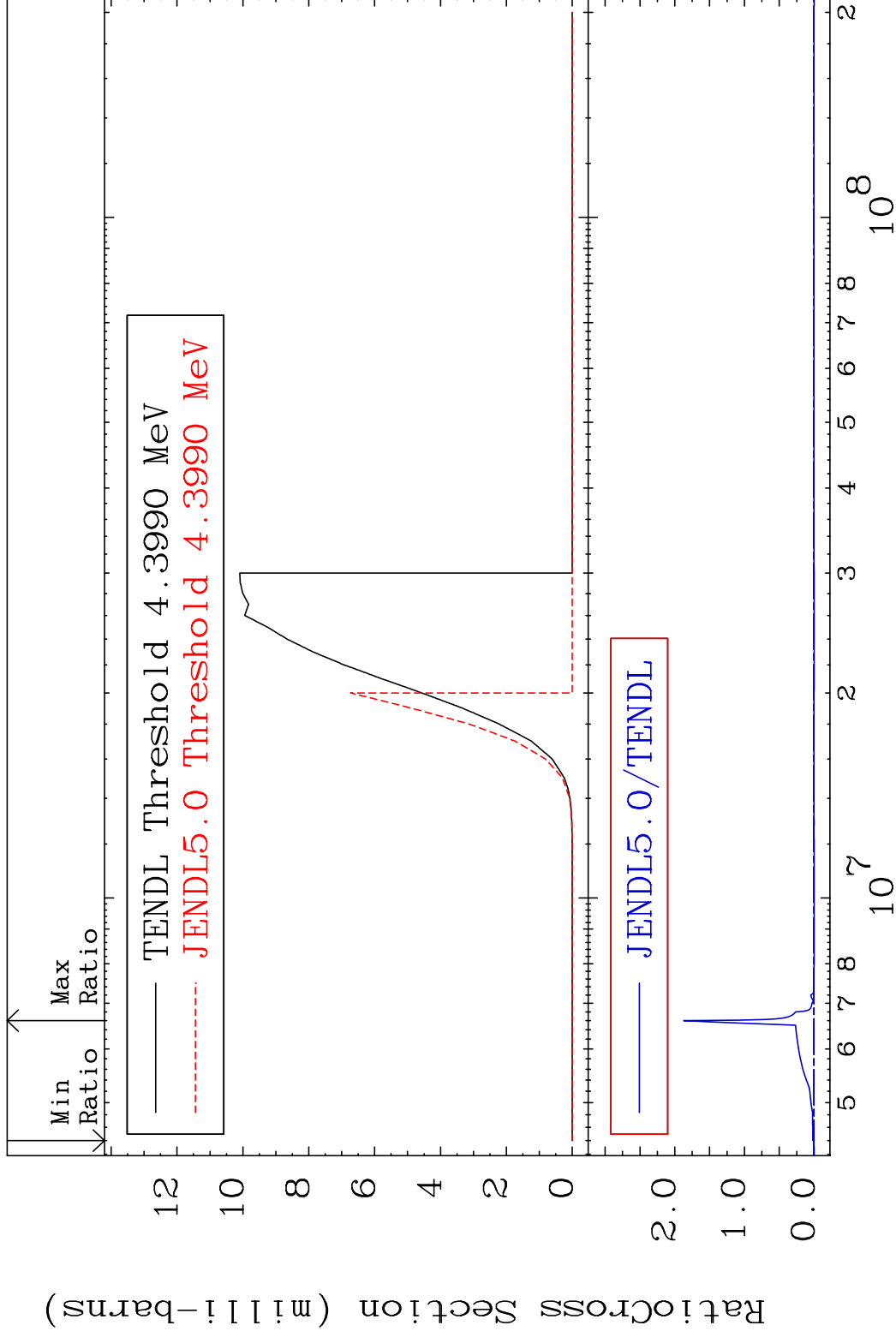


MAT 7537

(n,d)

75-Re-189

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

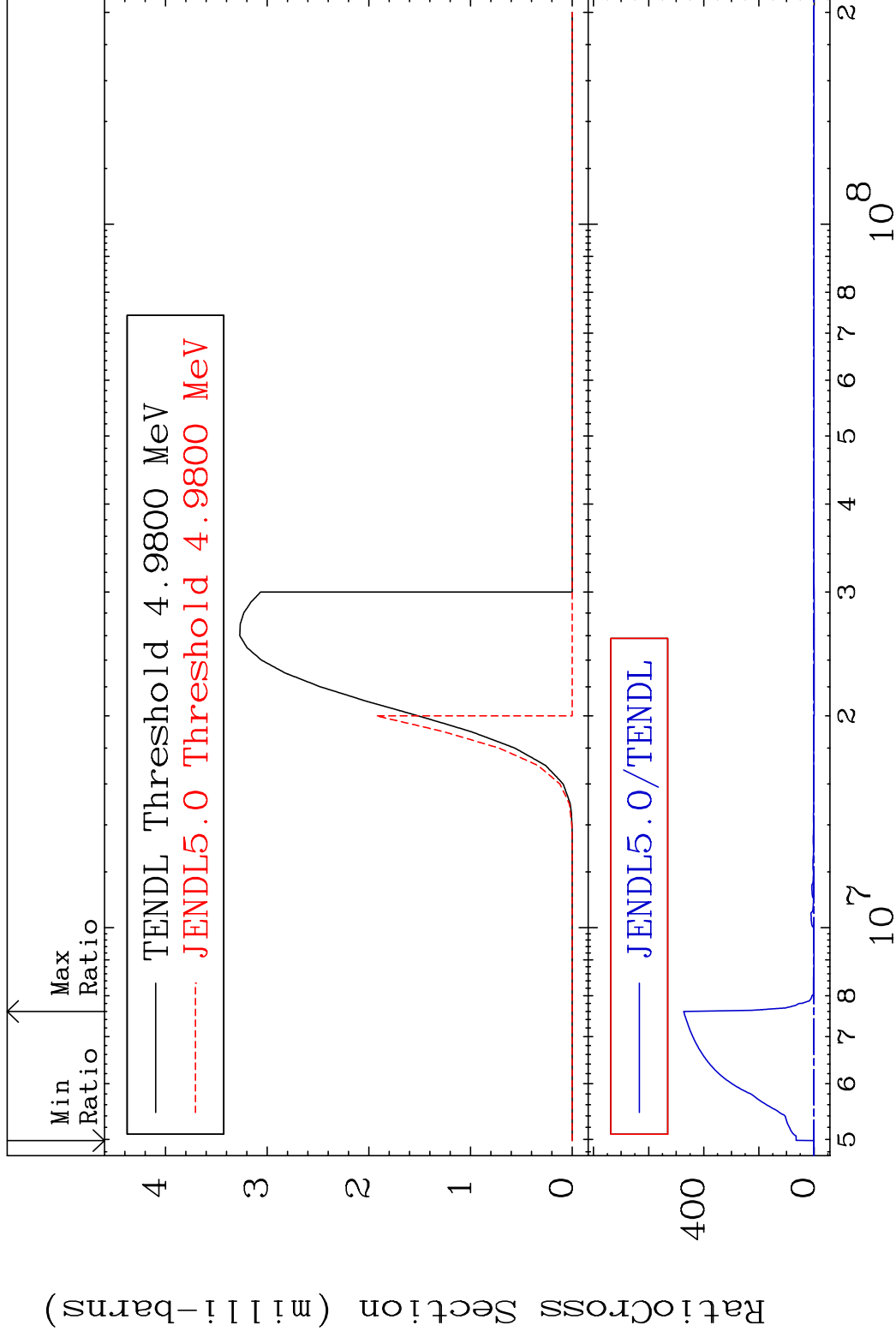
75-Re-189

MAT 7537

(n, t)

75-Re-189

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

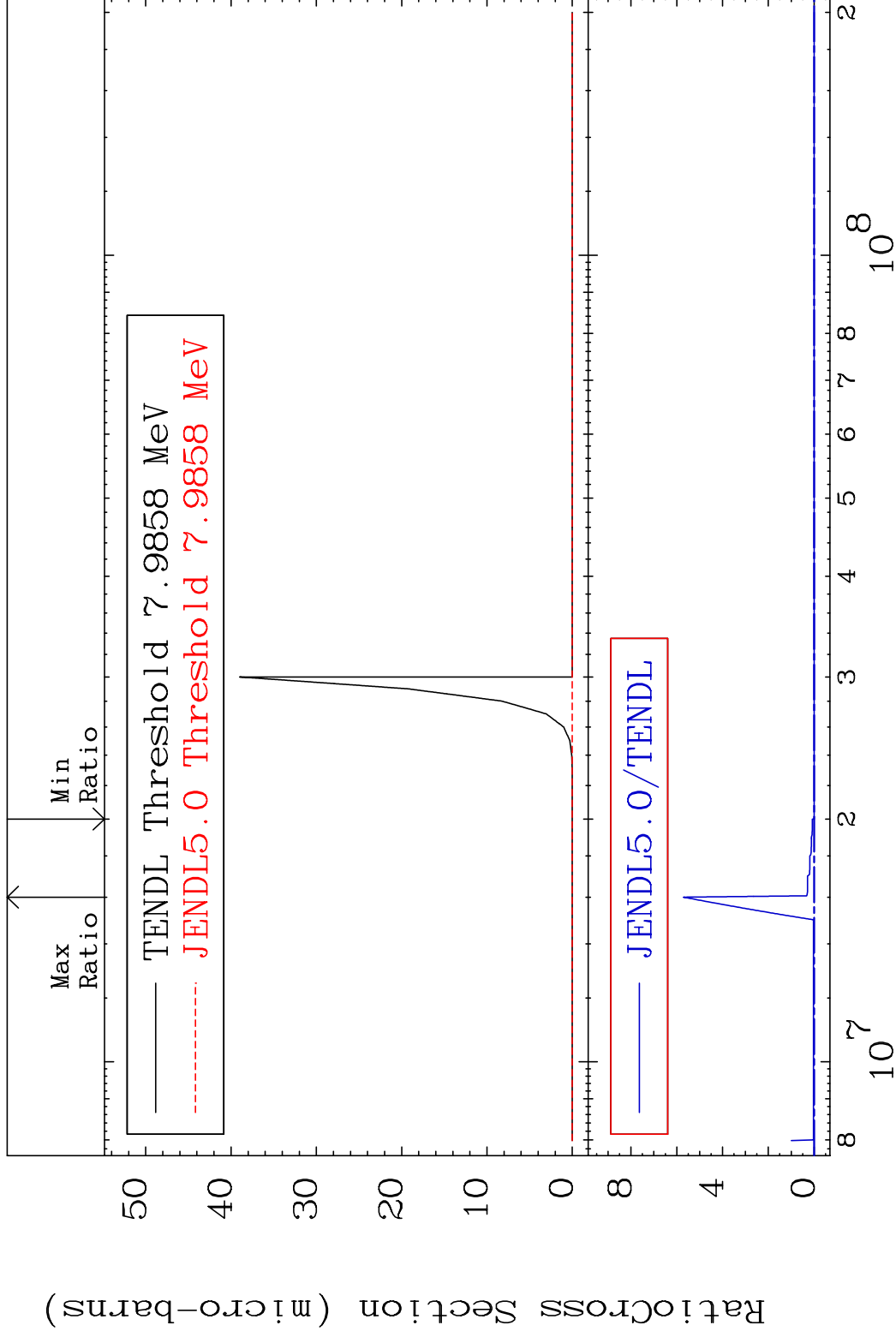
75-Re-189

MAT 7537

(n, He-3)

75-Re-189

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

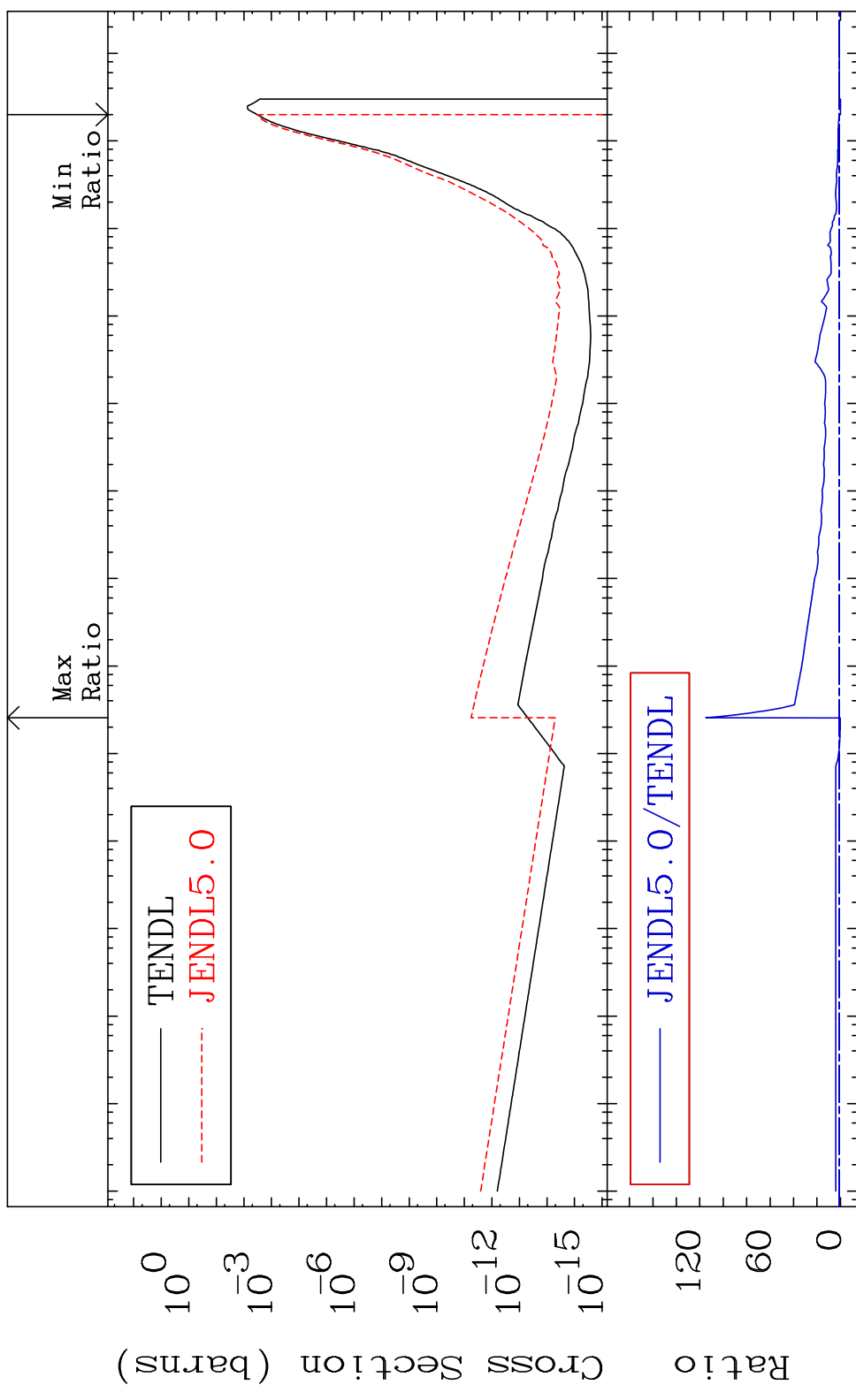
75-Re-189

MAT 7537

(n, α)

75-Re-189

Cross Section -100.0 To 9999. %

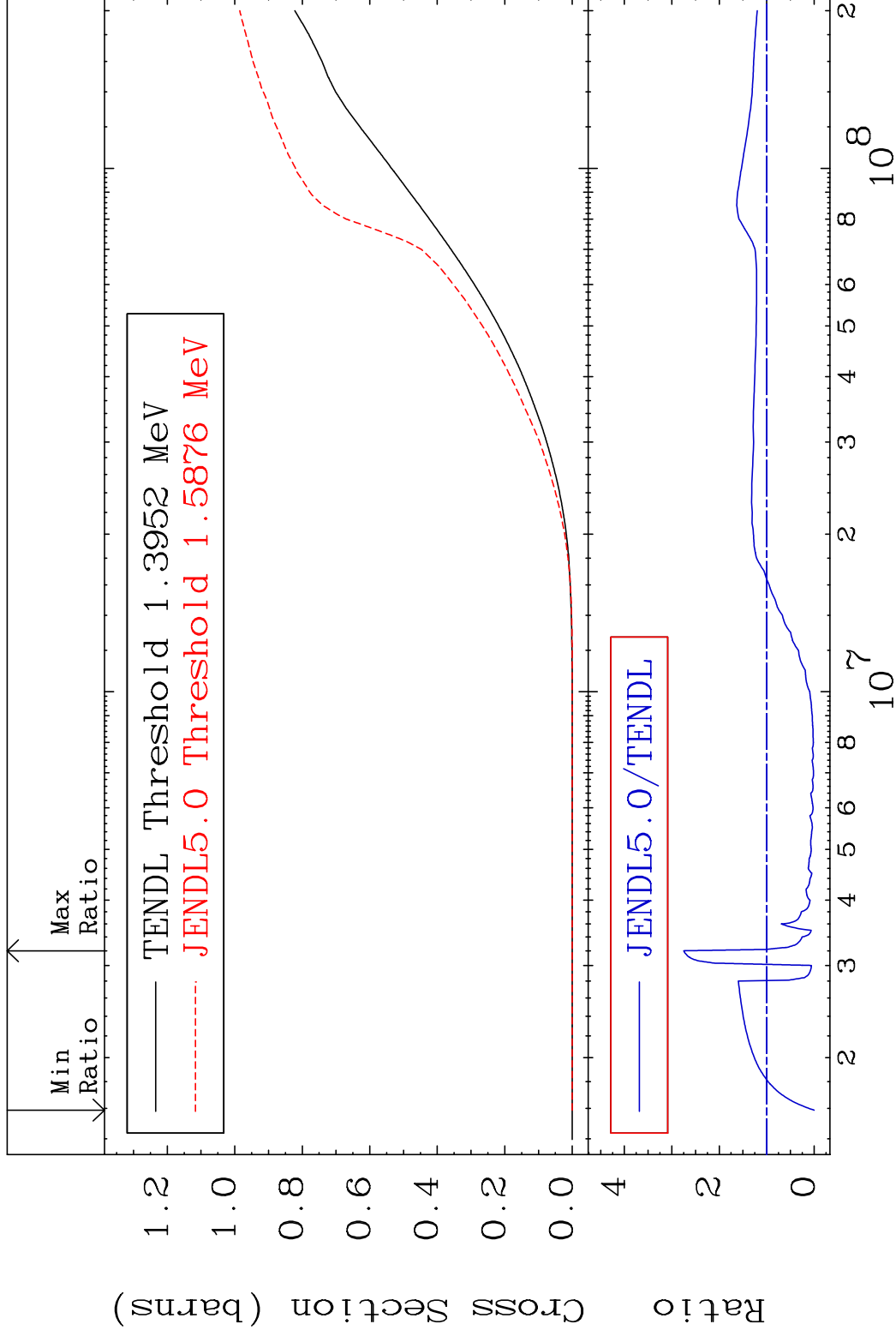


30

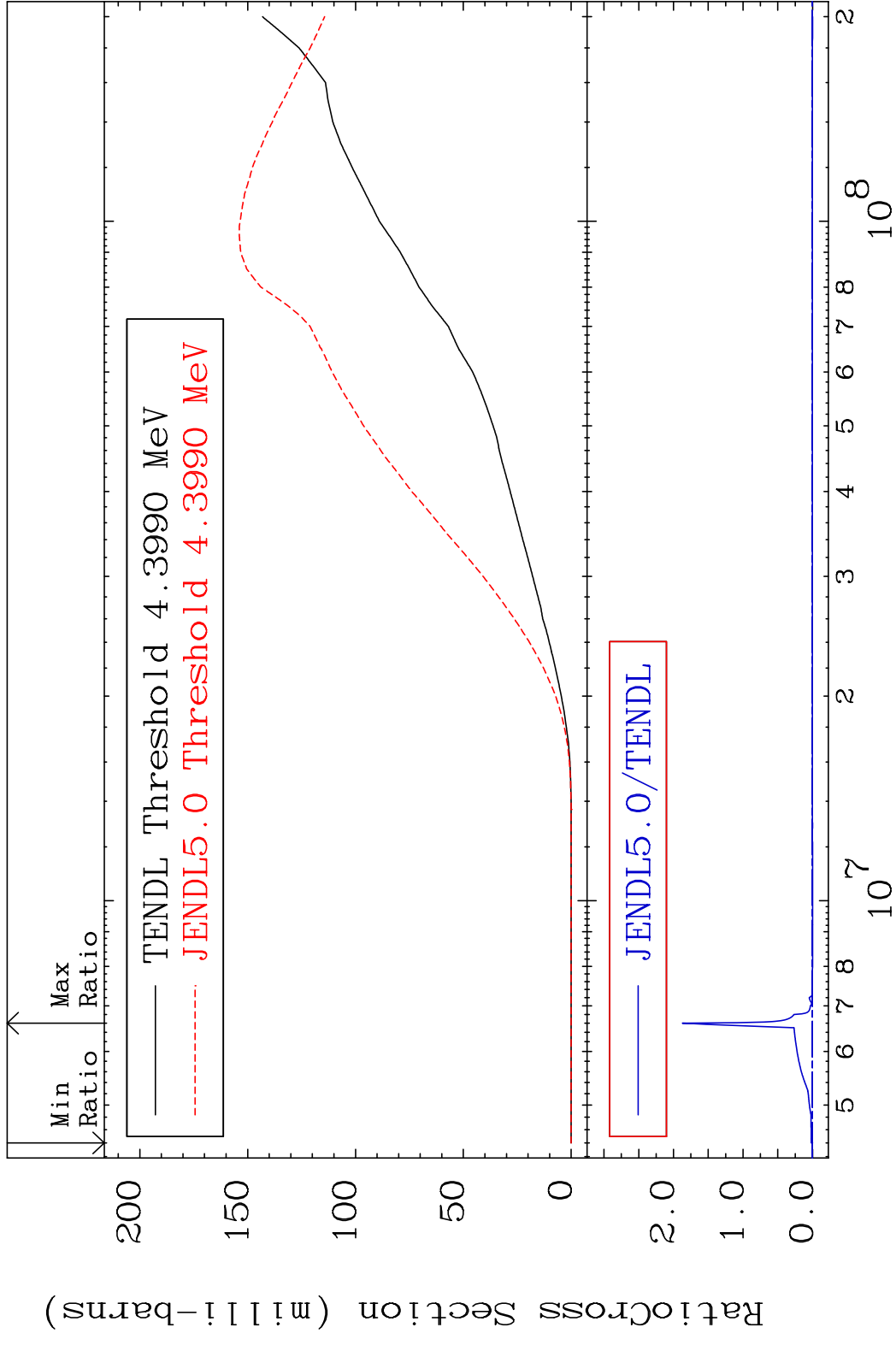
Incident Energy (eV)

75-Re-189

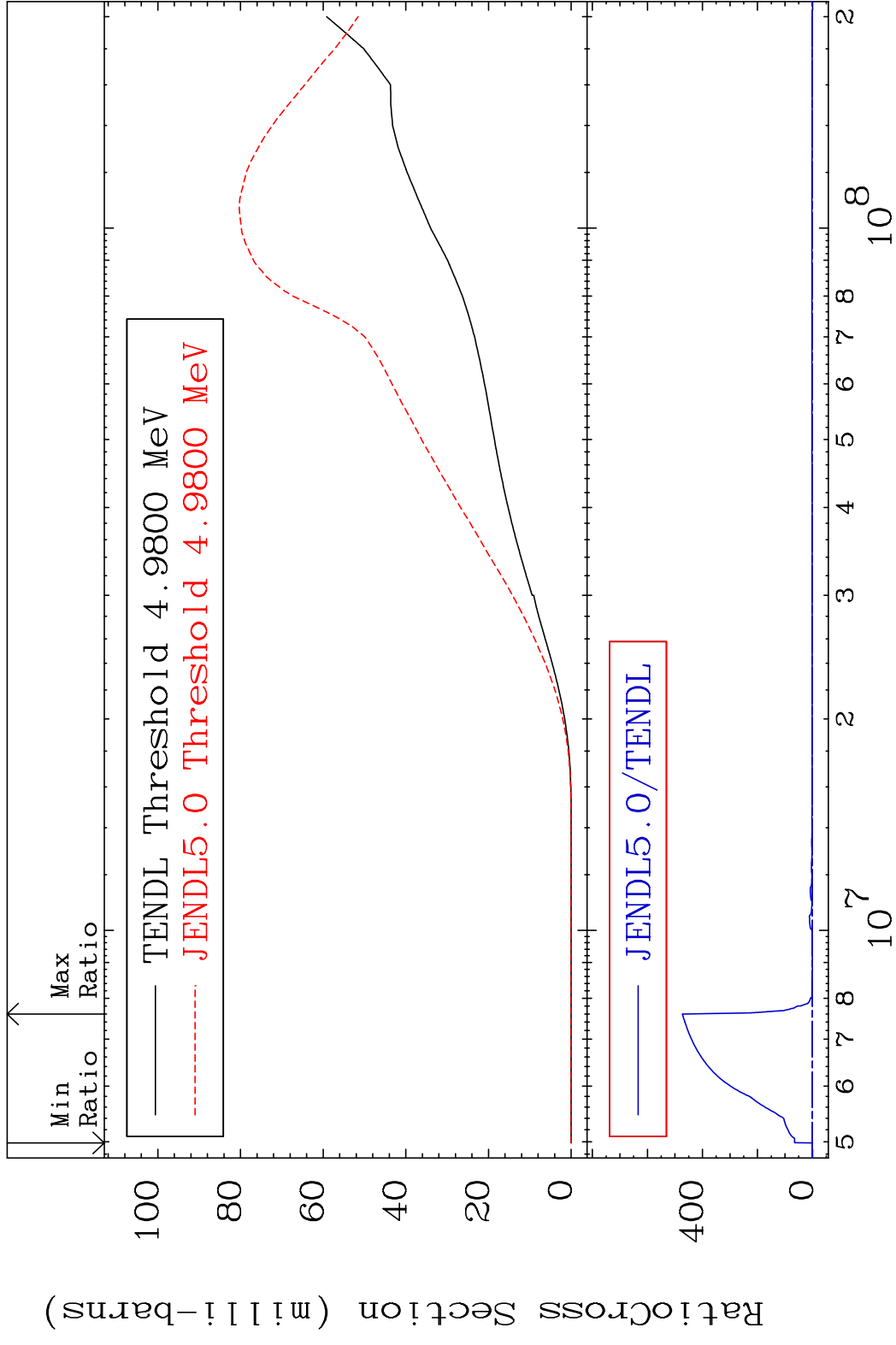
Cross Section -100.0 To 175.0 %



Cross Section -100.0 To 9999. %



MAT 7537 Tritium Production 75-Re-189
 Cross Section -100.0 To 9999. %

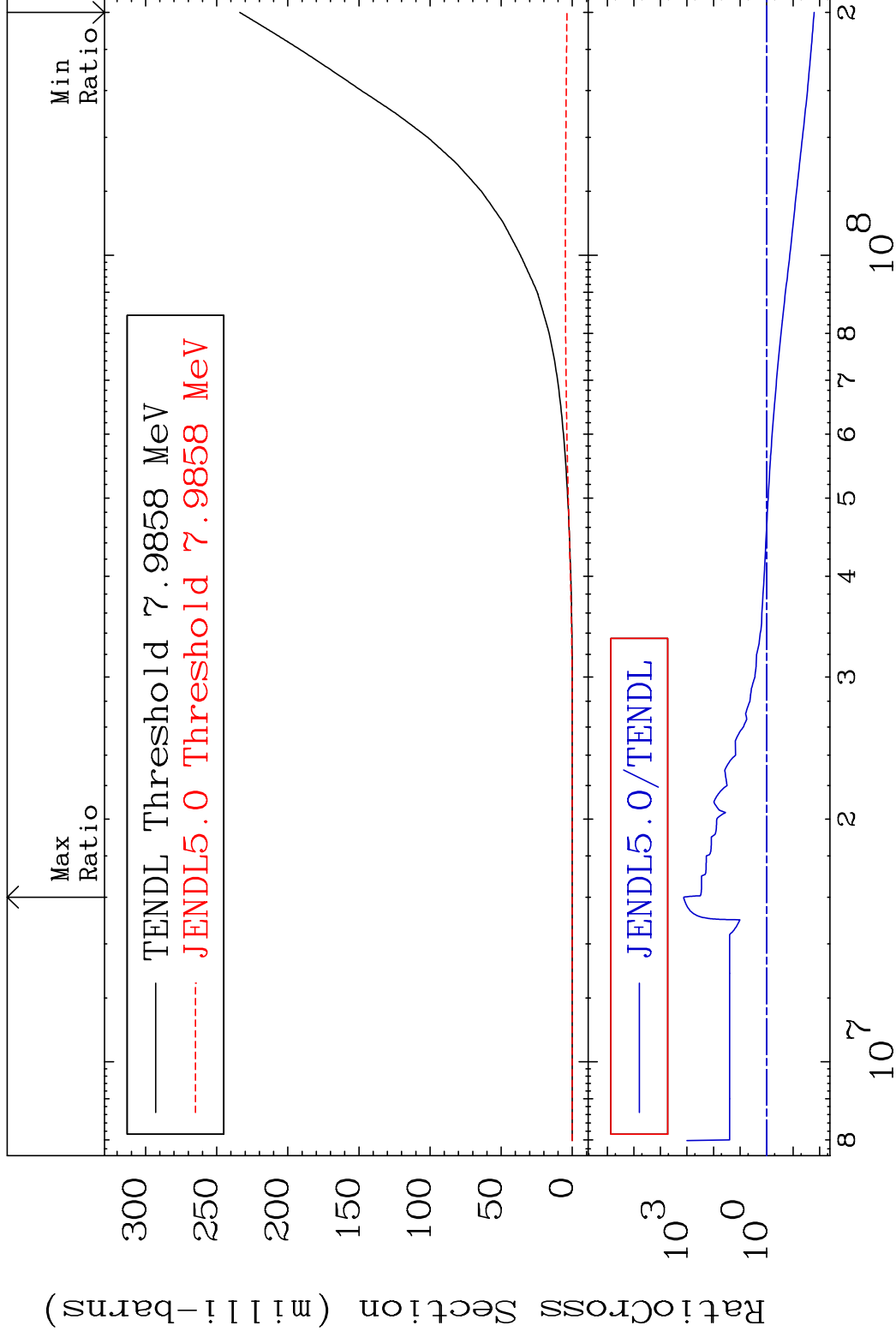


MAT 7537

He-3 Production

75-Re-189

Cross Section -98.39 To 9999. %



34

Incident Energy (eV)

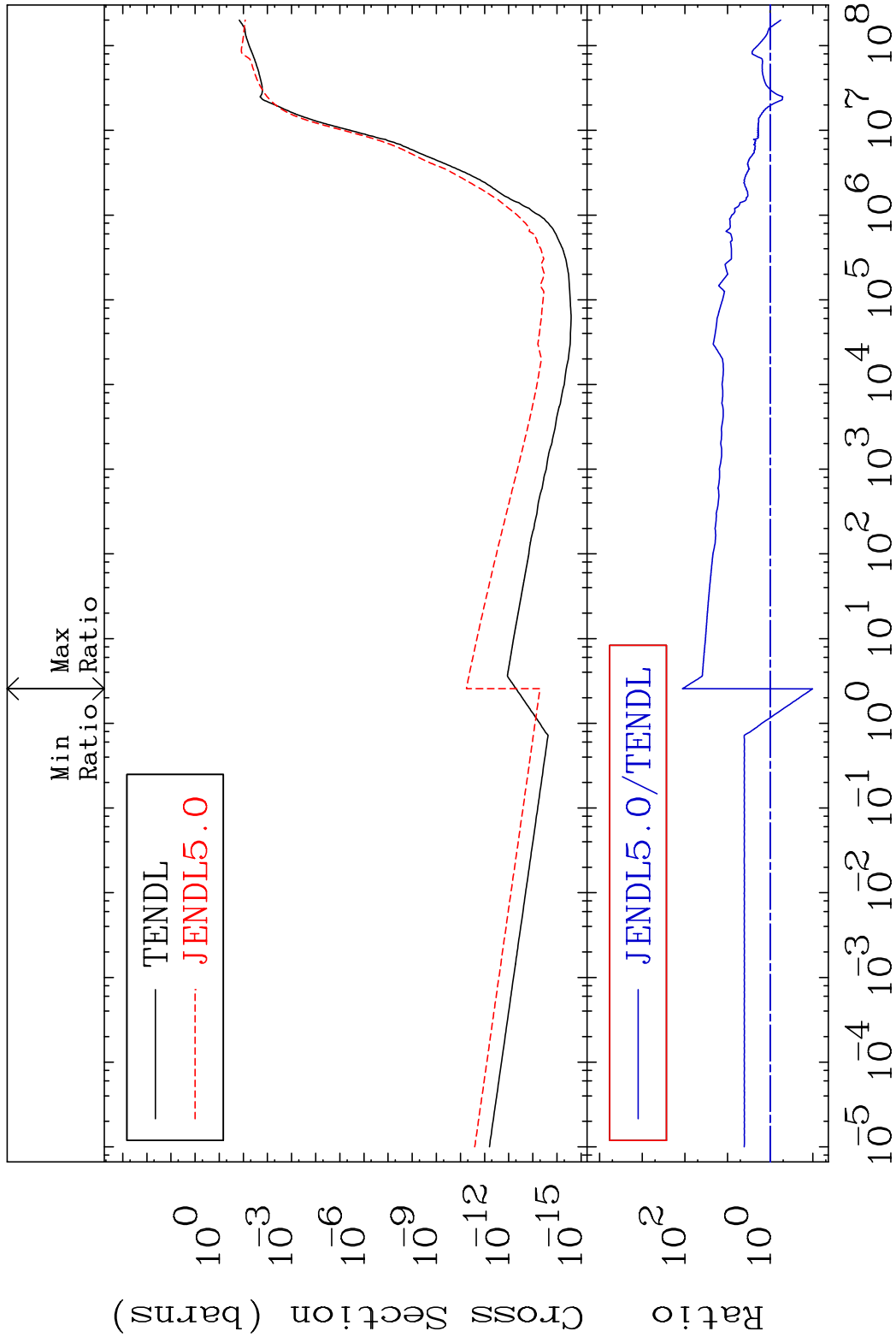
75-Re-189

MAT 7537

He-4 Production

75-Re-189

Cross Section -89.82 To 9999. %

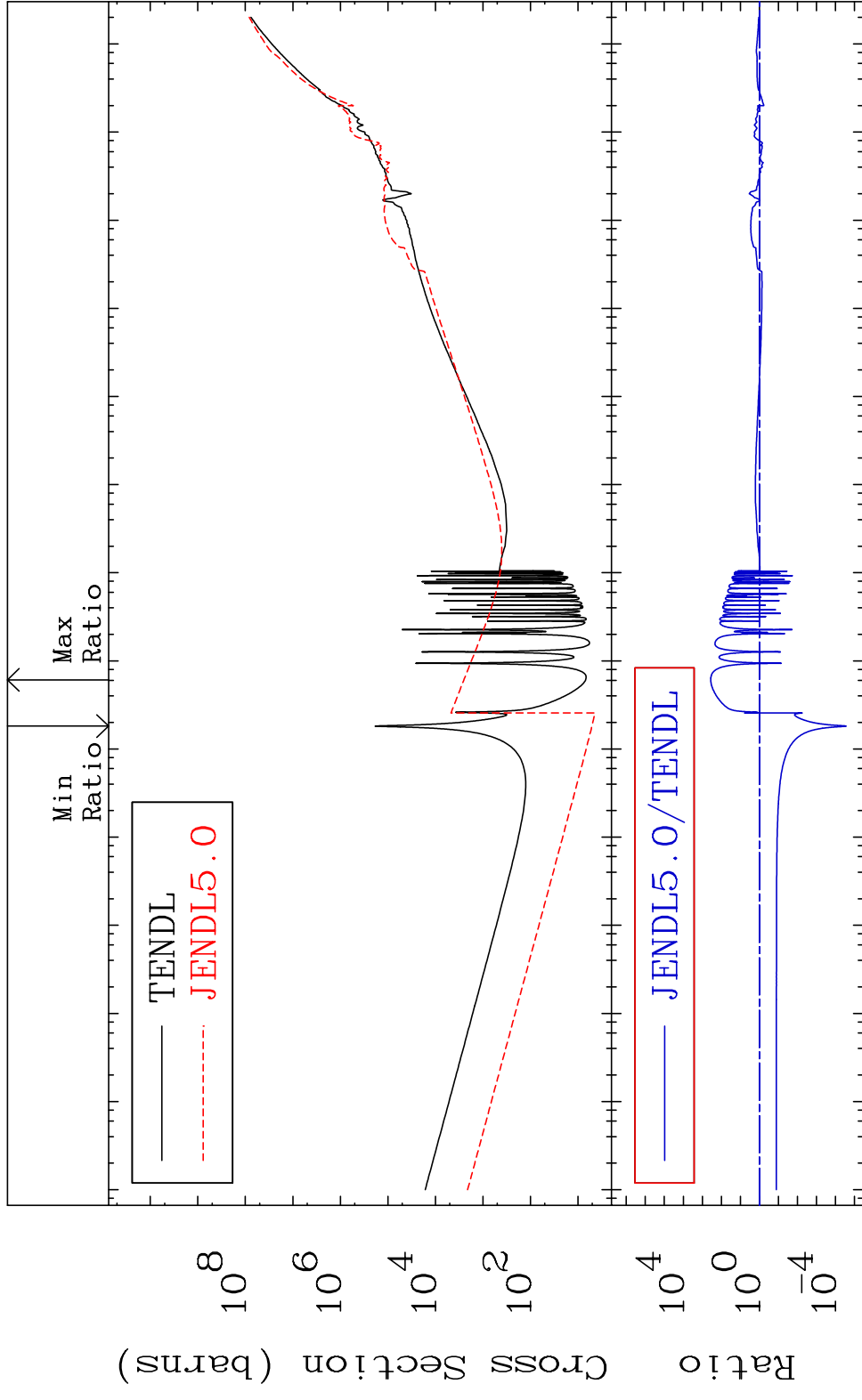


35

Incident Energy (eV)

75-Re-189

MAT 7537 Kerma total (eV-barns) 75-Re-189
 Cross Section -100.0 To 9999. %

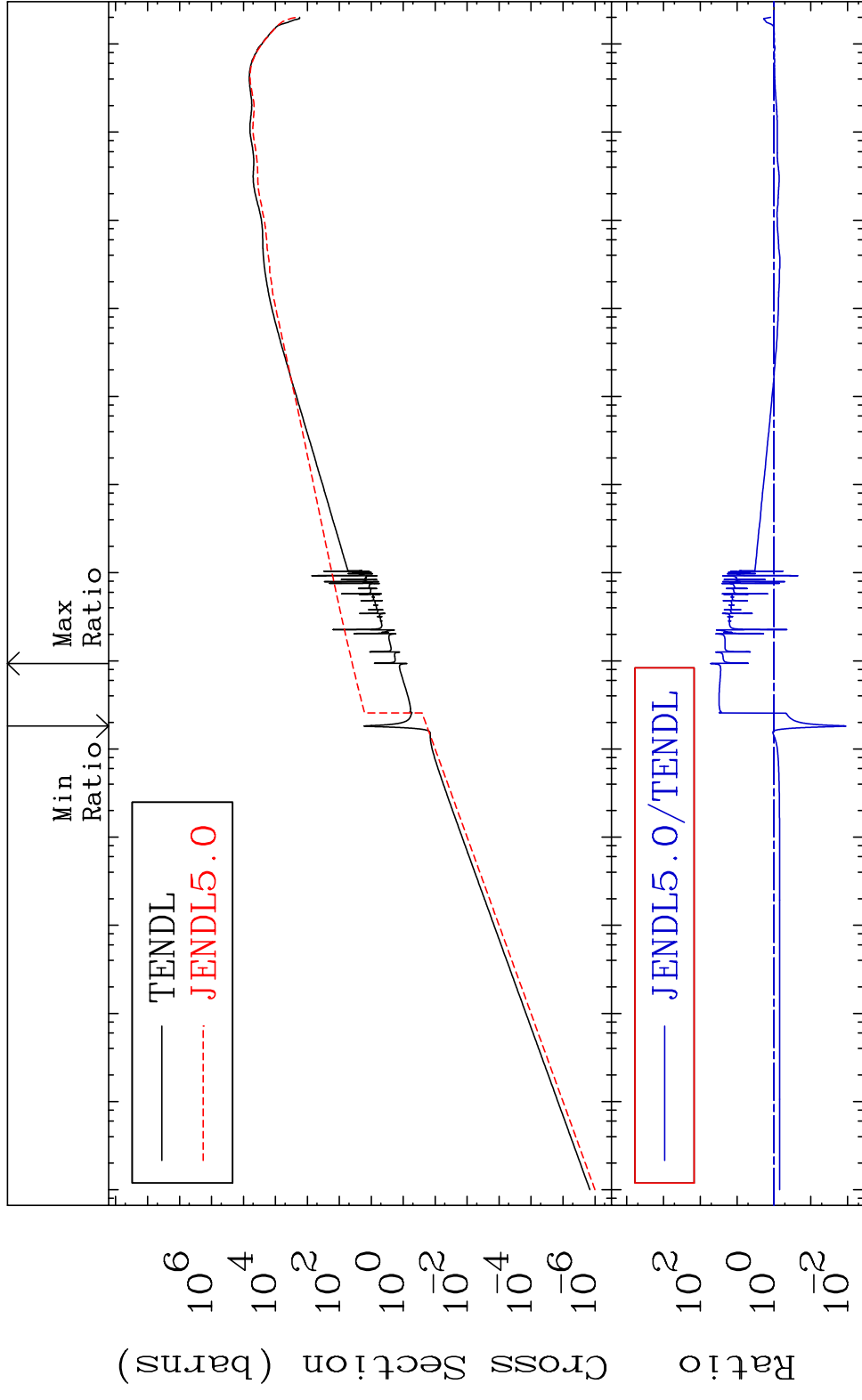


36 Incident Energy (eV) 75-Re-189

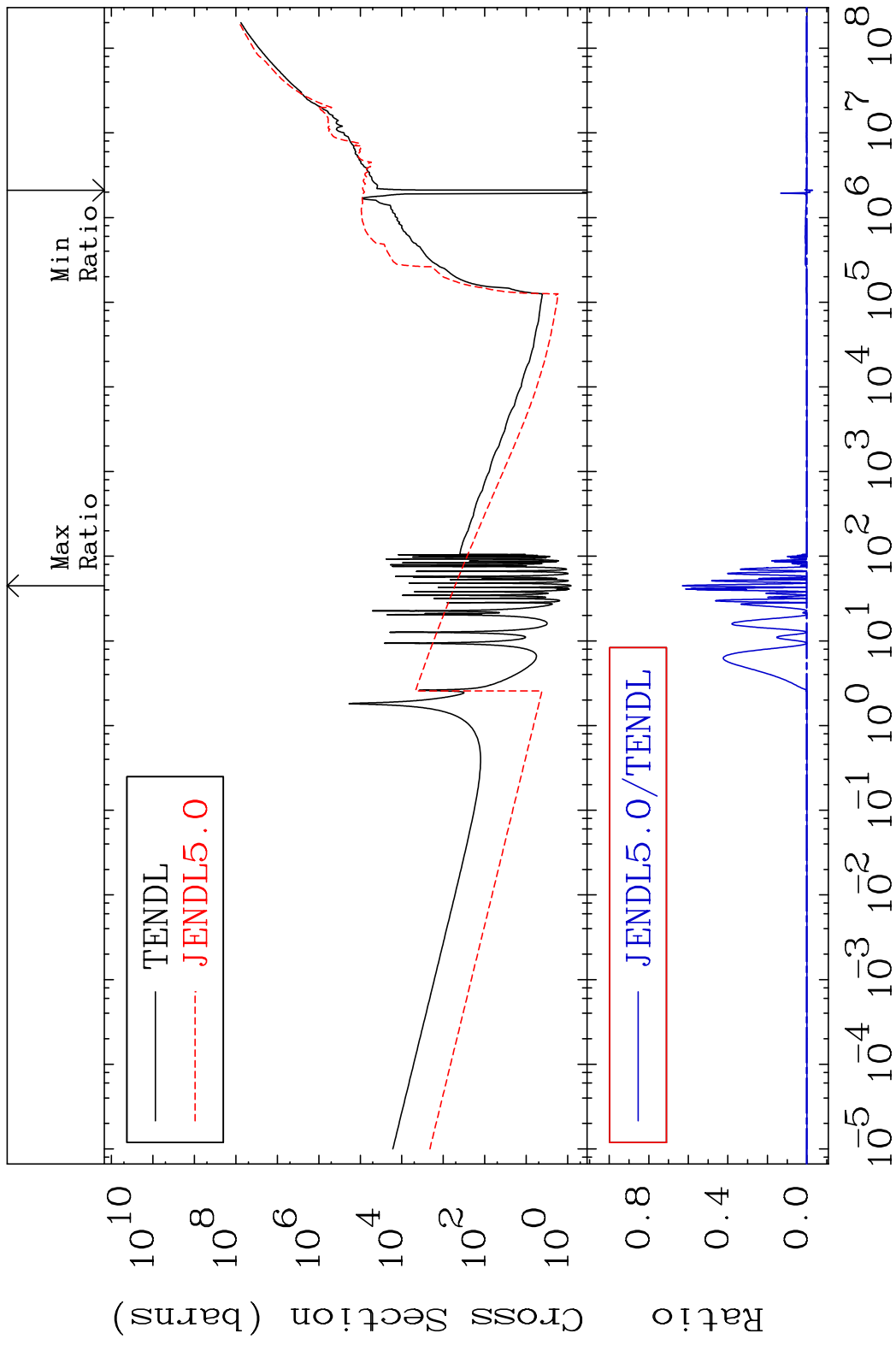
MAT 7537

Kerma elastic Cross Section -98.92 To 5097. %

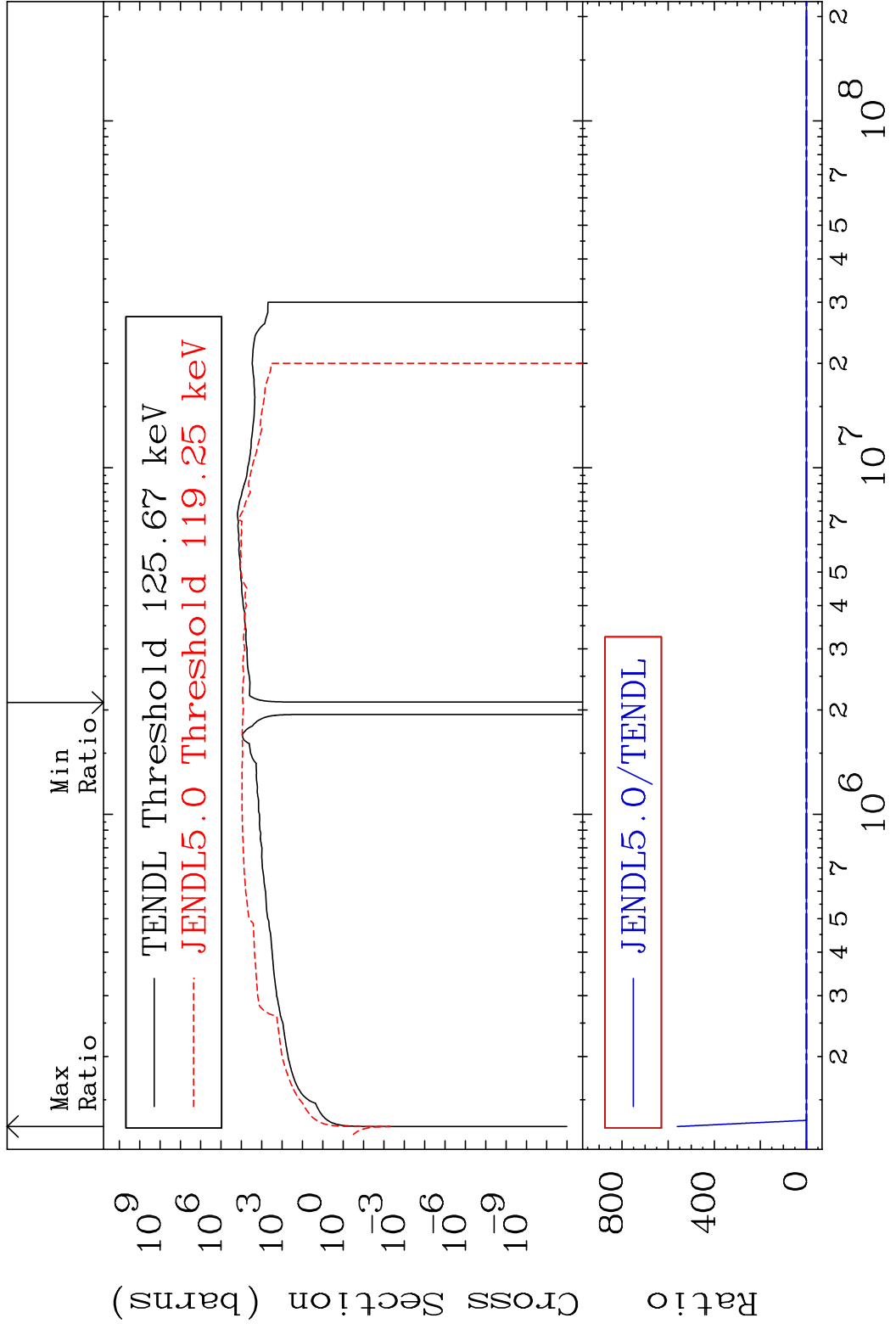
75-Re-189



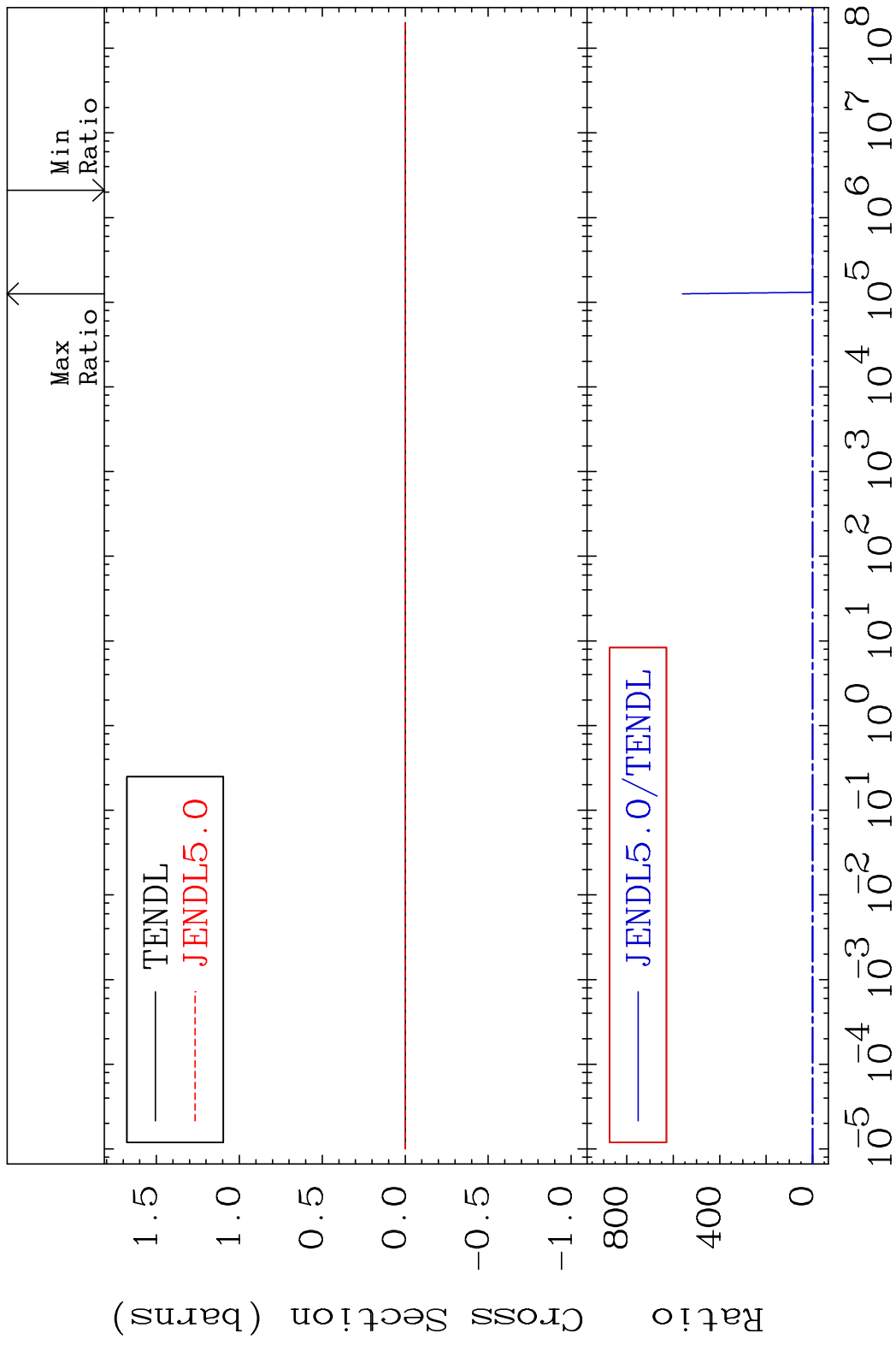
MAT 7537 Kerma non-elastic (all but mt2) 75-Re-189
 Cross Section -2926. To 9999. %



MAT 7537 Kerma inelastic (mt51-91) 75-Re-189
 Cross Section -2925. To 9999. %



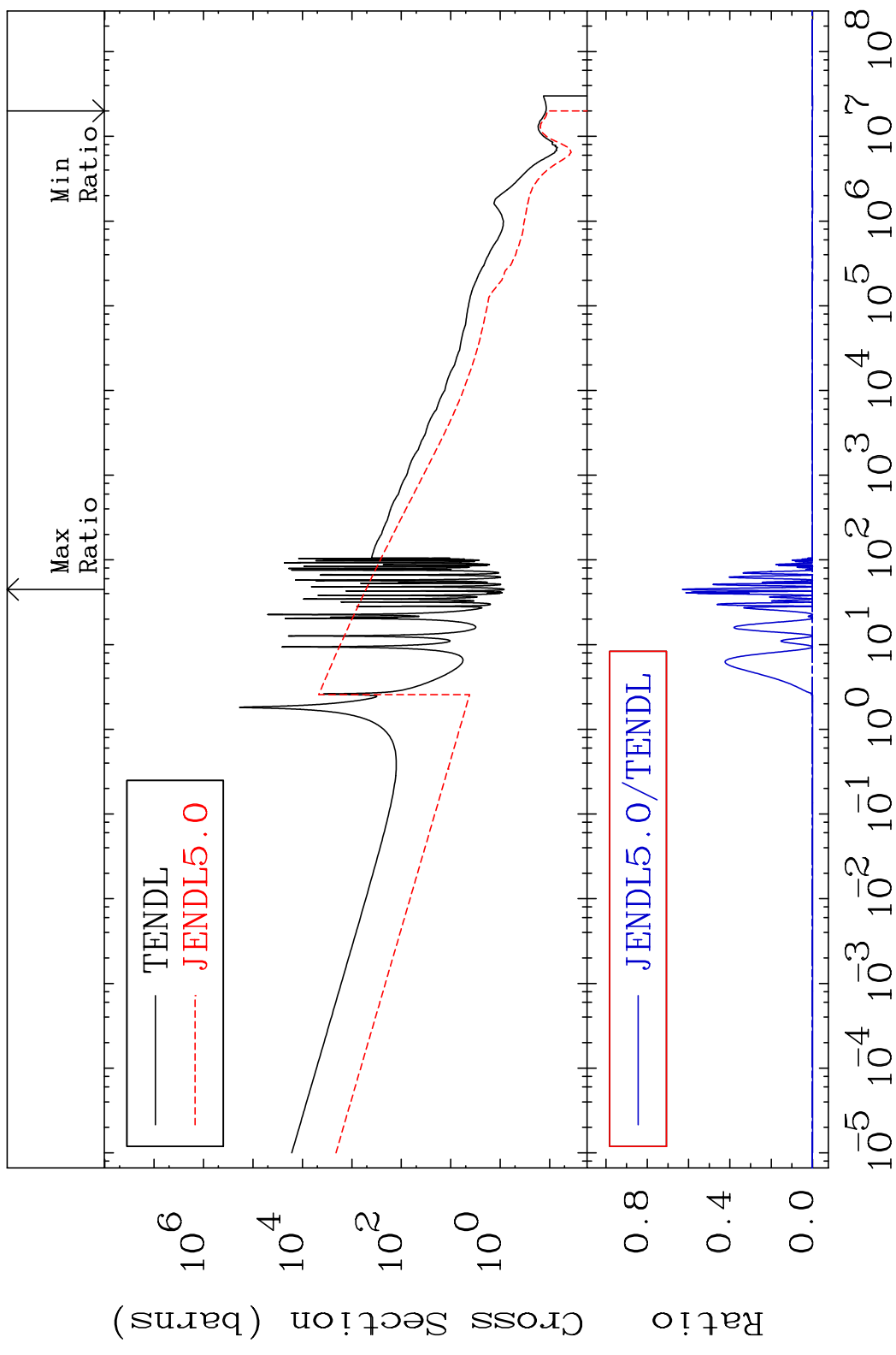
MAT 7537 Kerma fission (mt18 or mt19-20-21-38)75-Re-189
 Cross Section -2925. To 9999. %



40 Incident Energy (eV) 75-Re-189

MAT 7537

Kerma capture (mt102) 75-Re-189
Cross Section -100.0 To 9999. %

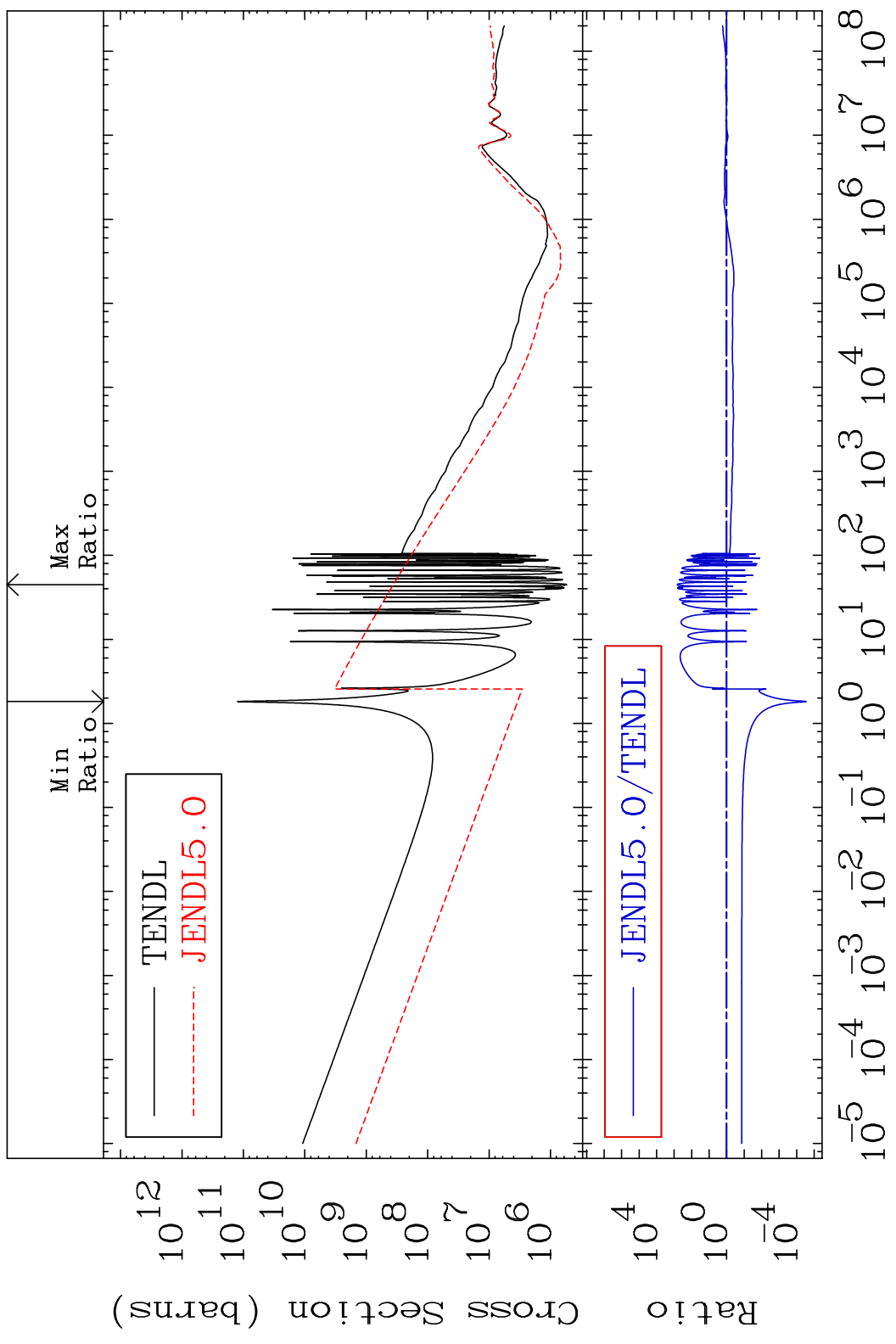


MAT 7537

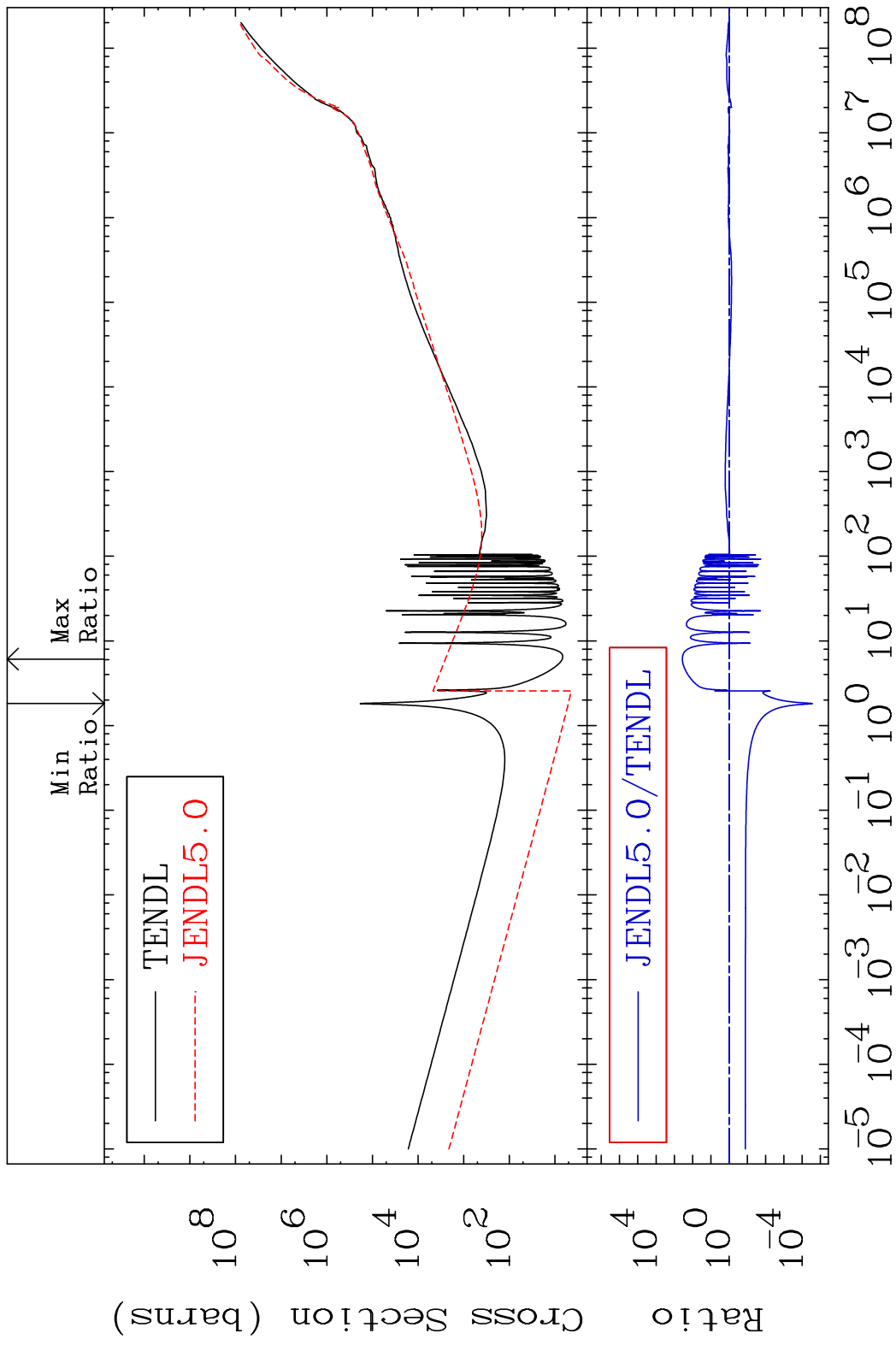
Total photon (eV-barns)

75-Re-189

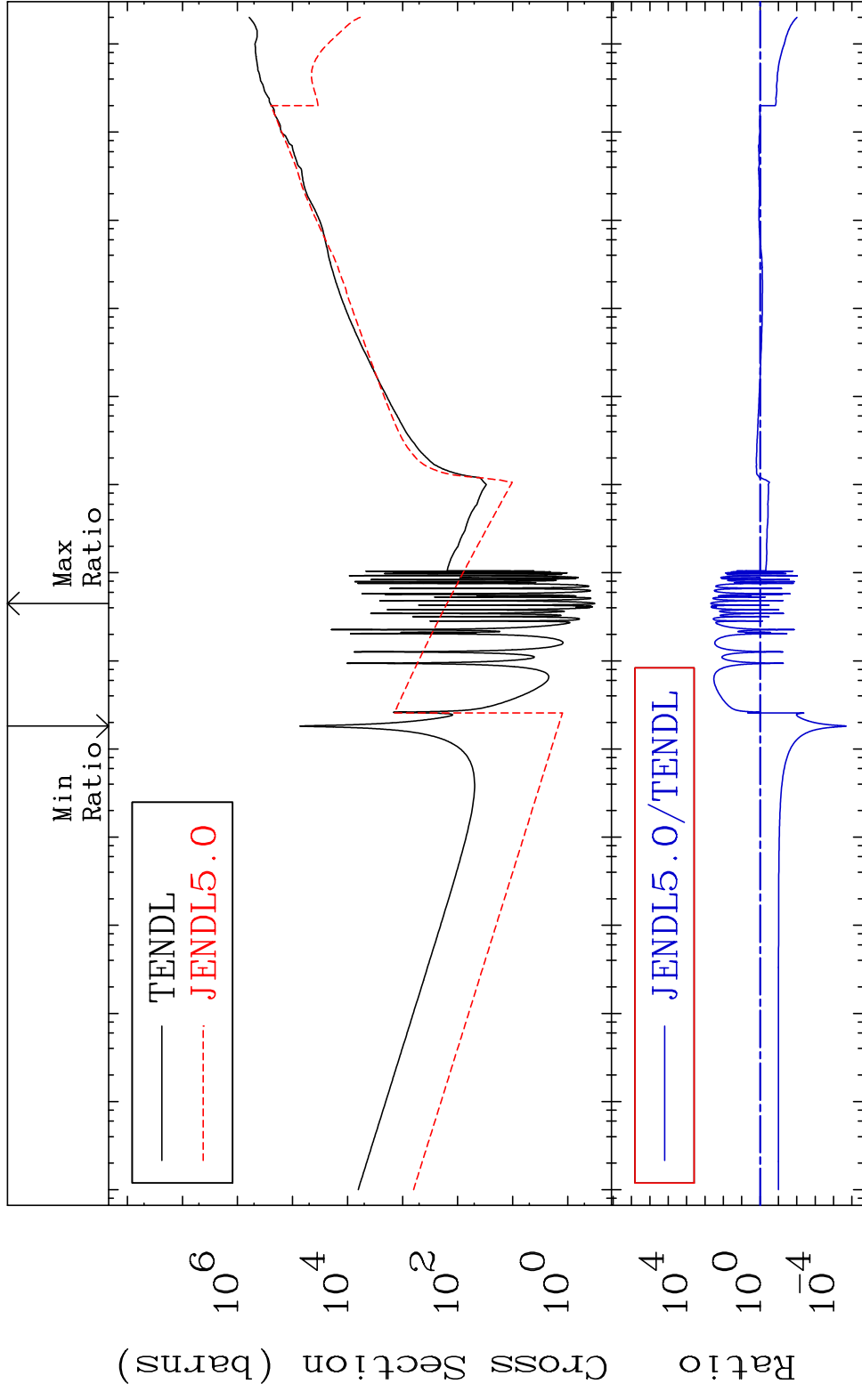
Cross Section -100.0 To 9999. %



MAT 7537 Total kinematic kerma (high limit) 75-Re-189
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

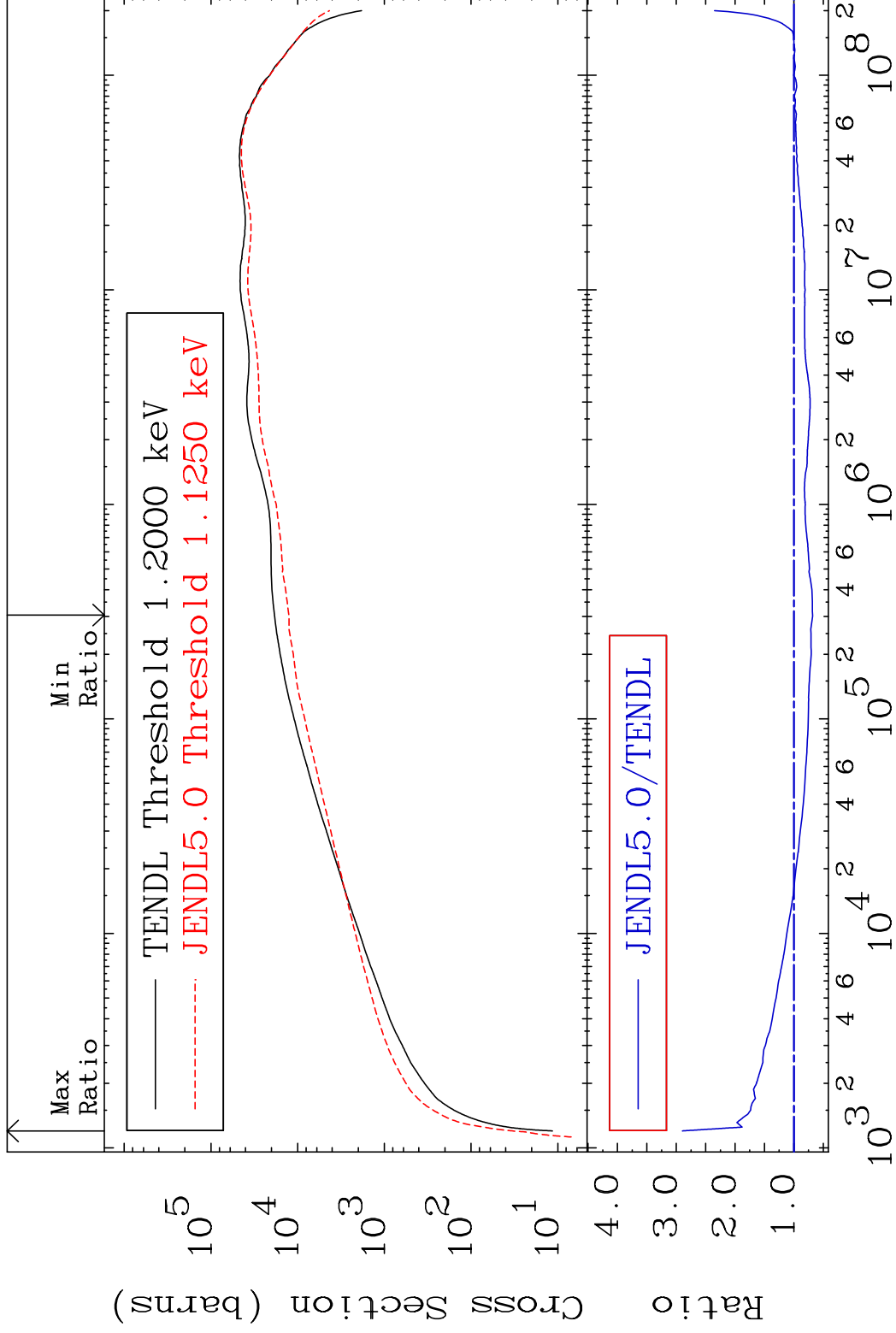


MAT 7537

Dpa elastic (mt2)

75-Re-189

Cross Section -31.72 To 189.6 %

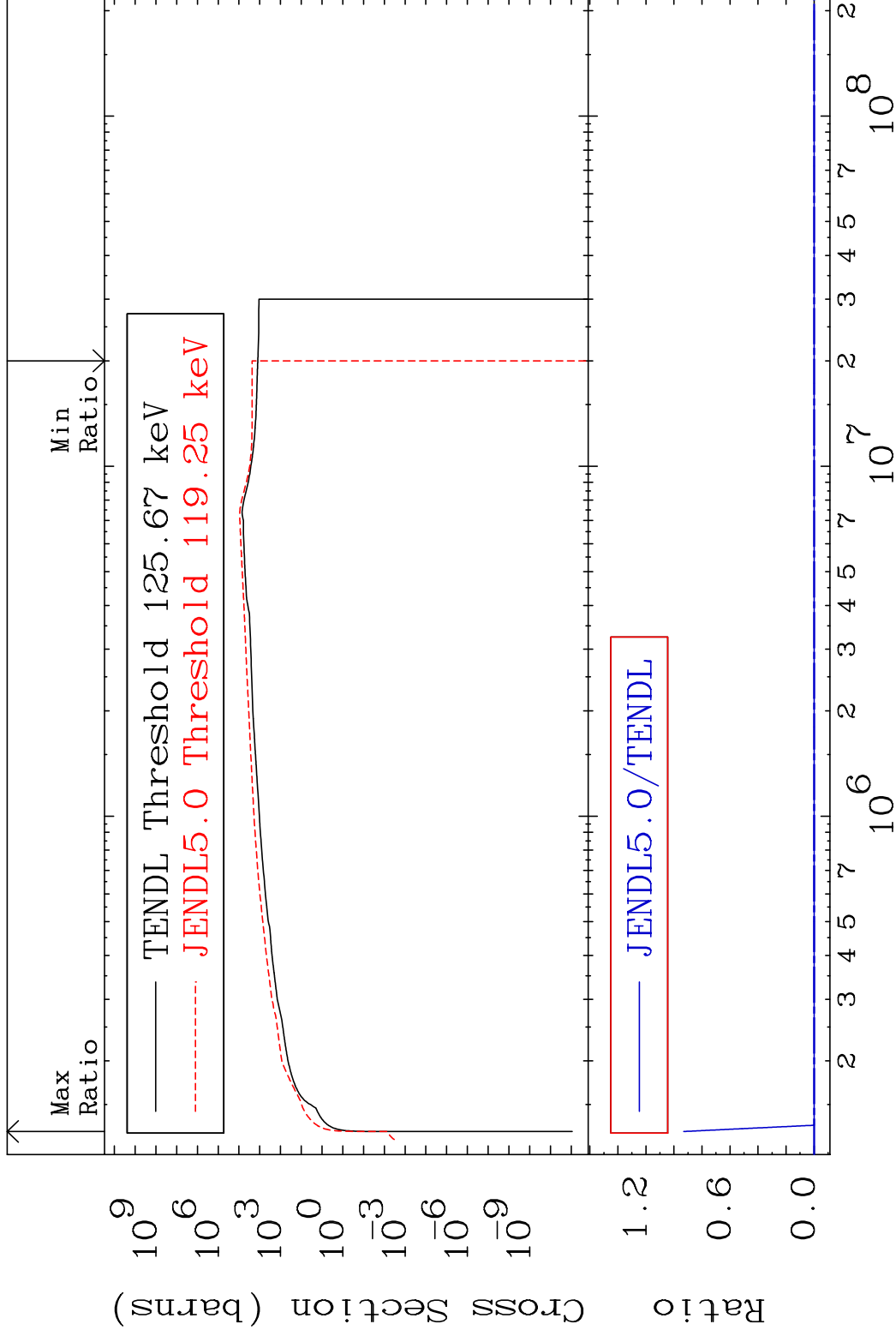


45

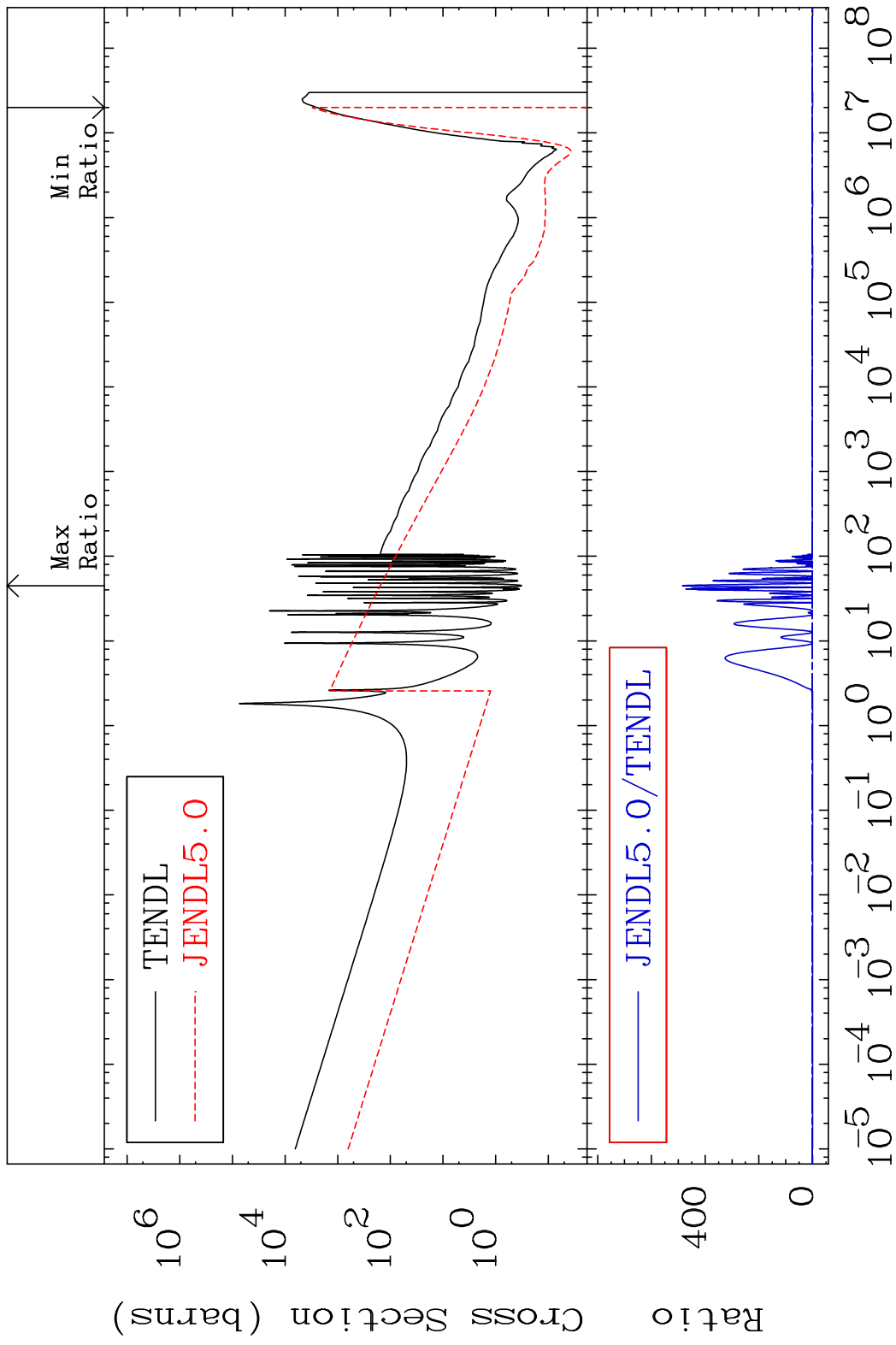
Incident Energy (eV)

75-Re-189

Cross Section -100.0 To 9999. %



MAT 7537 Dpa disappearance (mt102 -120) 75-Re-189
 Cross Section -100.0 To 9999. %



MAT 7537 (n,2n):75-Re-188g 75-Re-189
 Radionuclide Production Cross Section 188g to 189g 552.0 %

