

Program Complot
(Version 2018-1)

by

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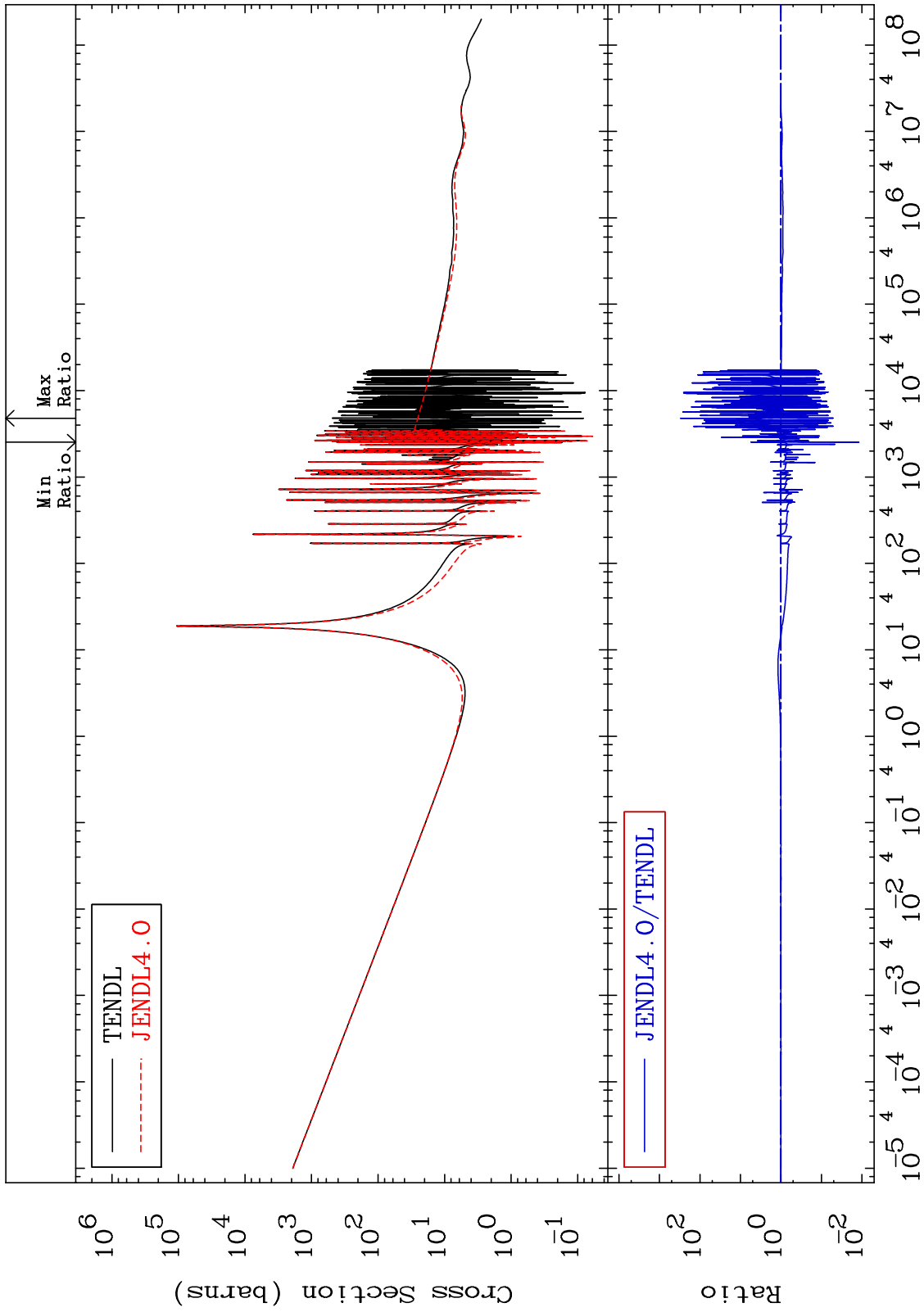
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7443 Total Cross Section 74-W -186 -98.81 To 9999. %



1 Incident Energy (eV) 74-W -186

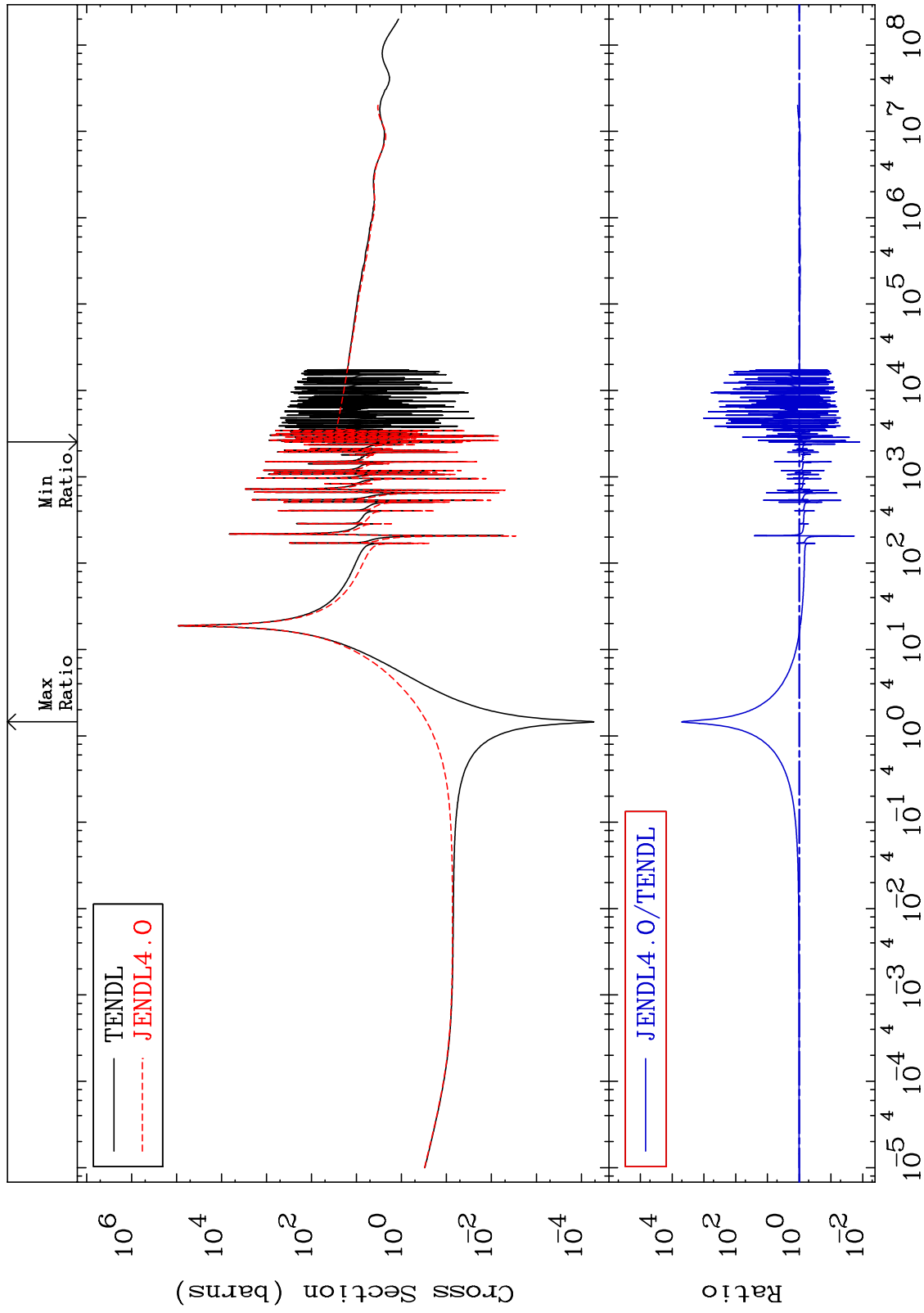
MAT 7443

Elastic

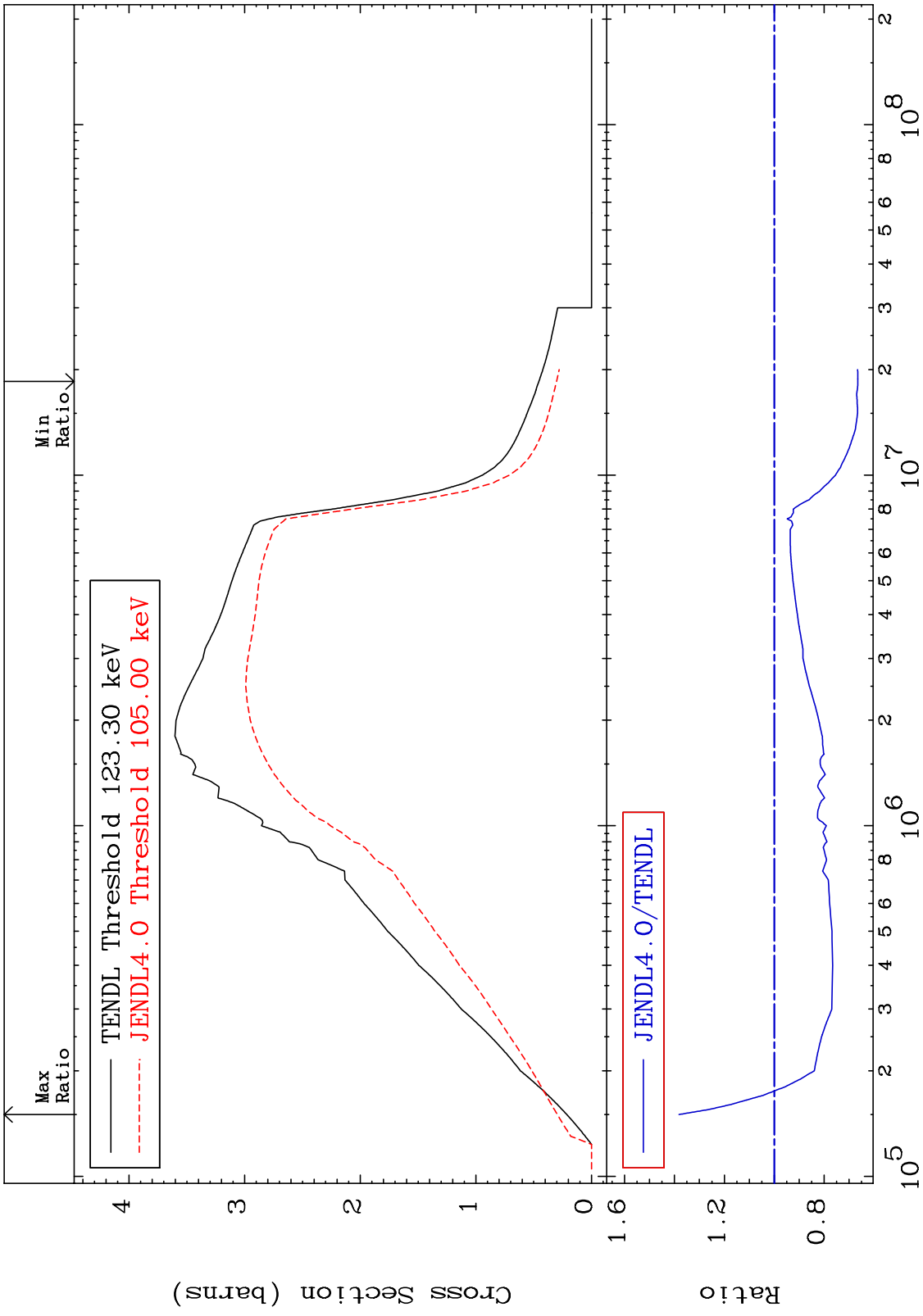
74-W -186

Cross Section

-98.76 To 9999. %

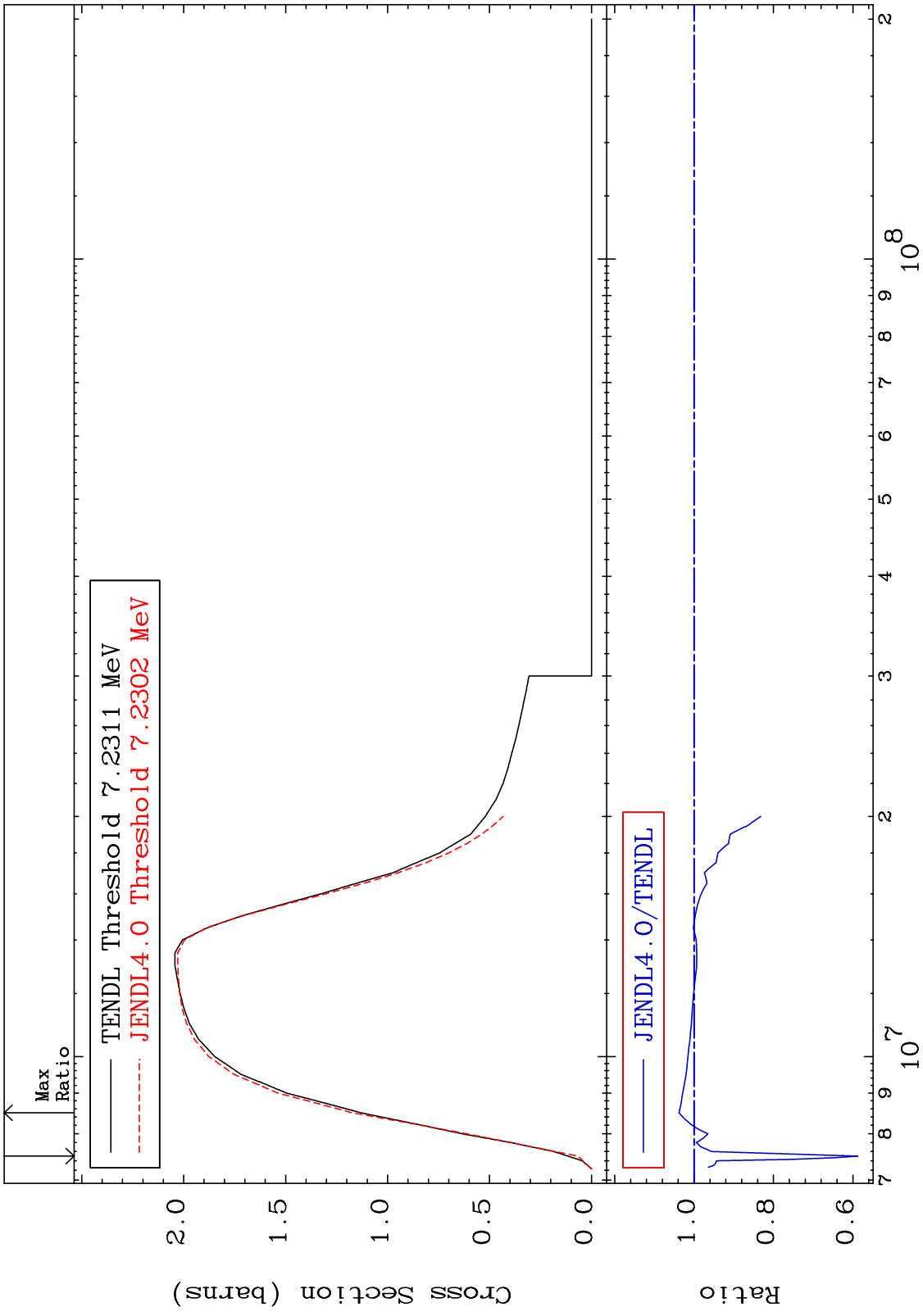


MAT 7443 Inelastic Cross Section 74-W -186
-33.53 To 38.17 %



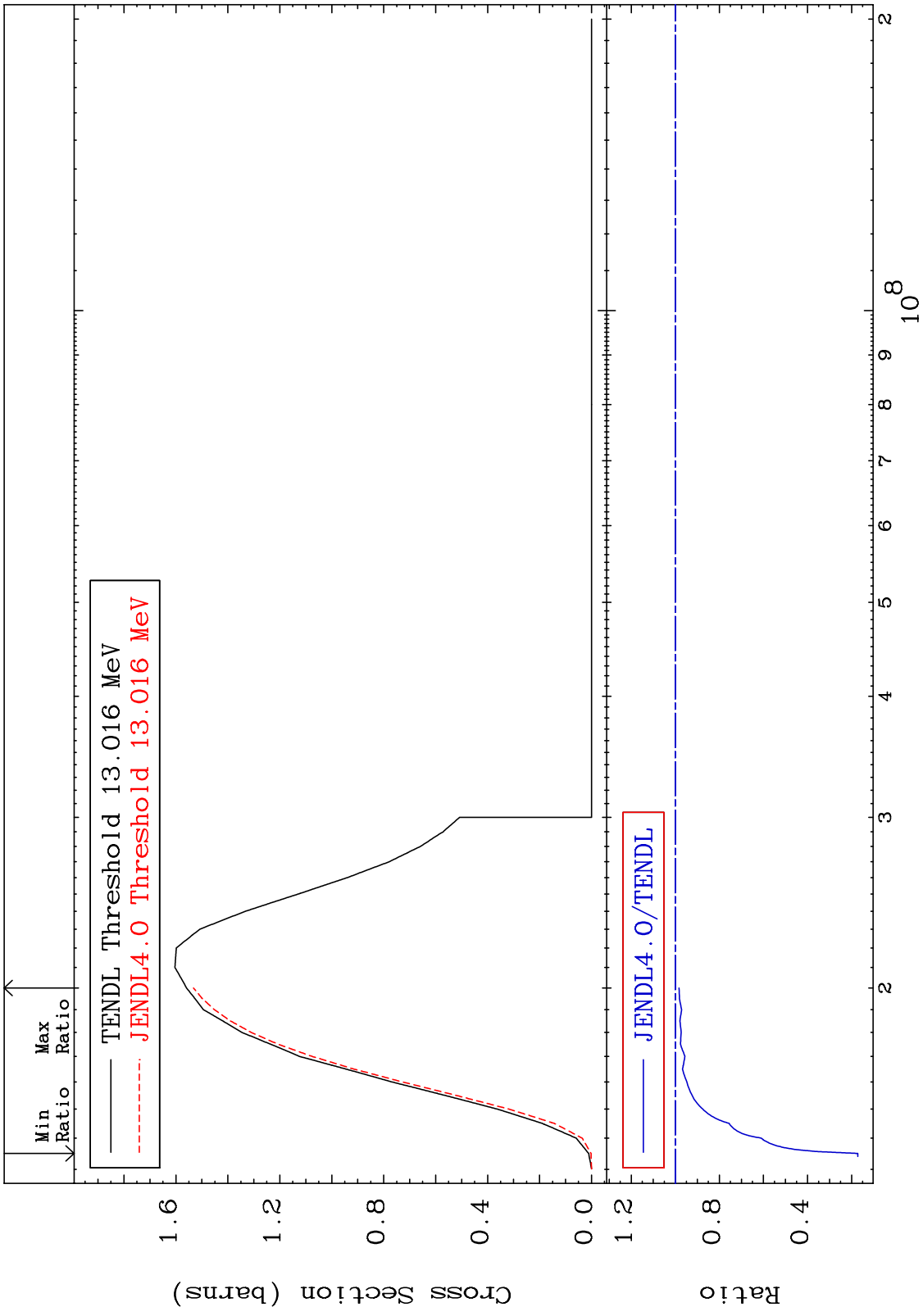
3 Incident Energy (eV) 74-W -186

MAT 7443 (n,2n) Cross Section 74-W -186 -41.24 To 3.789 %



4 Incident Energy (eV) 74-W -186

MAT 7443 (n,3n) Cross Section 74-W -186 -82.82 To -1.699%



MAT 7443

$(n, n') \alpha$

74-W -186

-100.0 To 9999. %

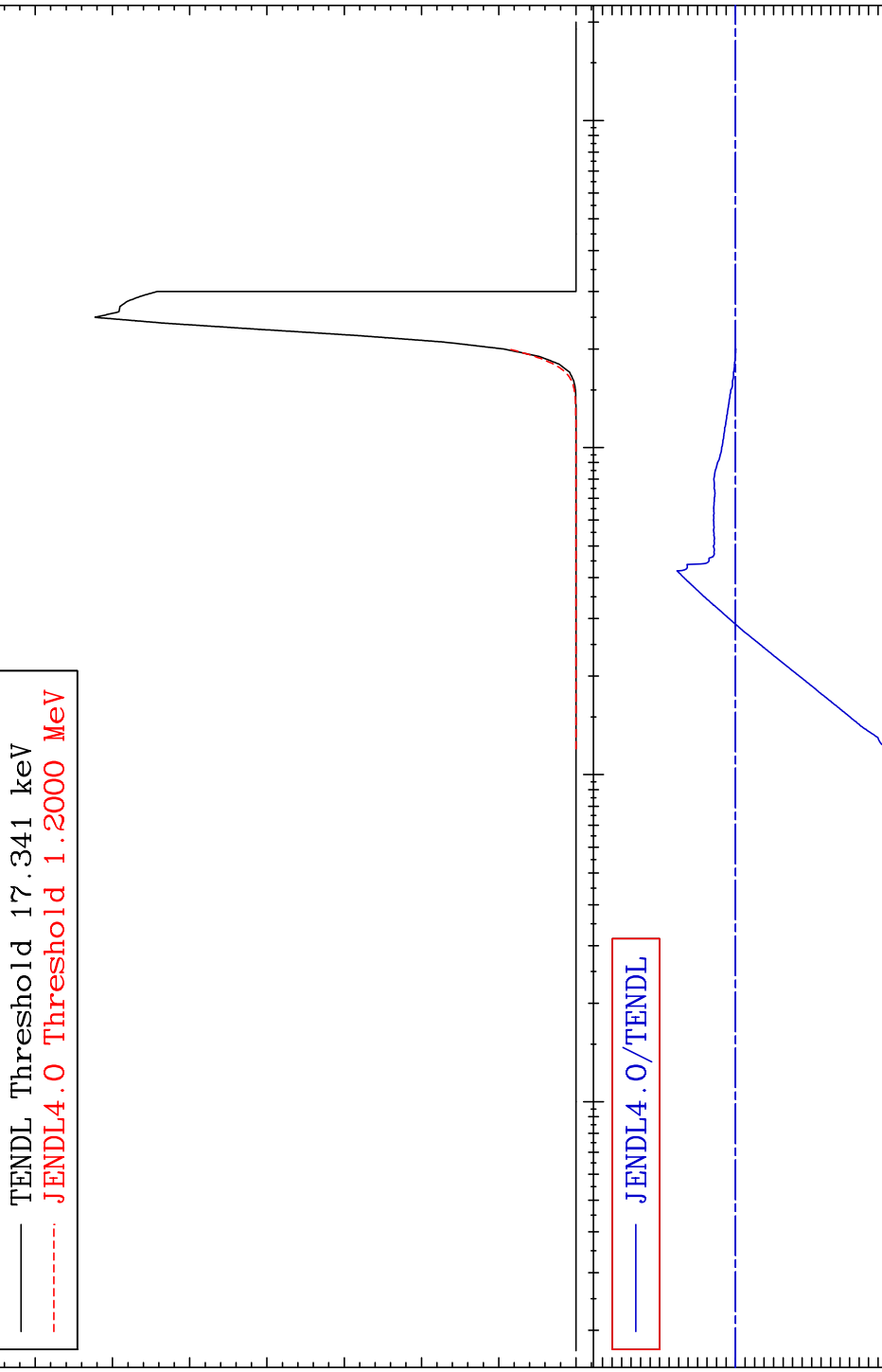
Cross Section

Min Ratio

Max Ratio

TENDL Threshold 17.341 keV
JENDL4.0 Threshold 1.2000 MeV

Cross Section (milli-barns)

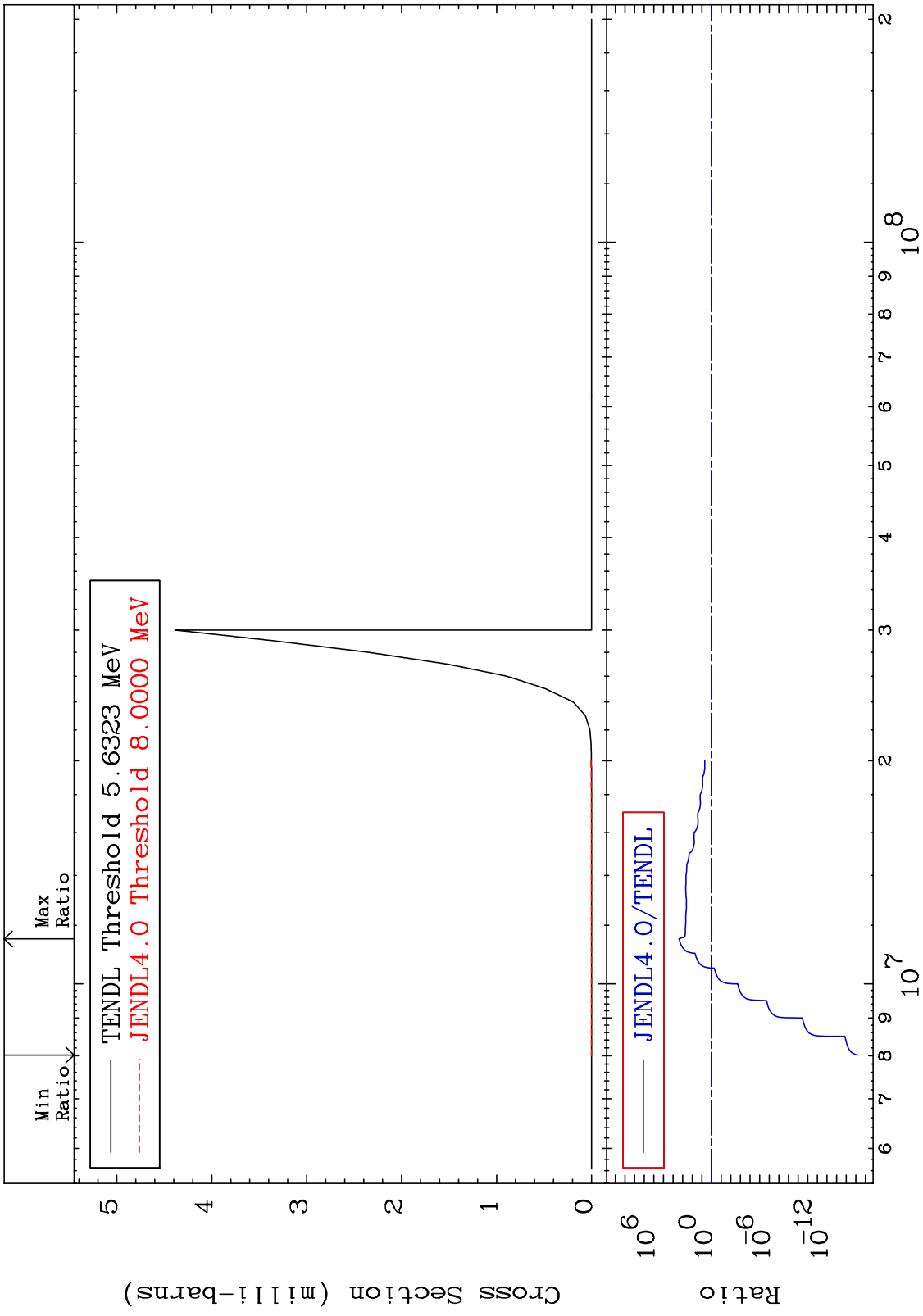


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Incident Energy (eV)

74-W -186

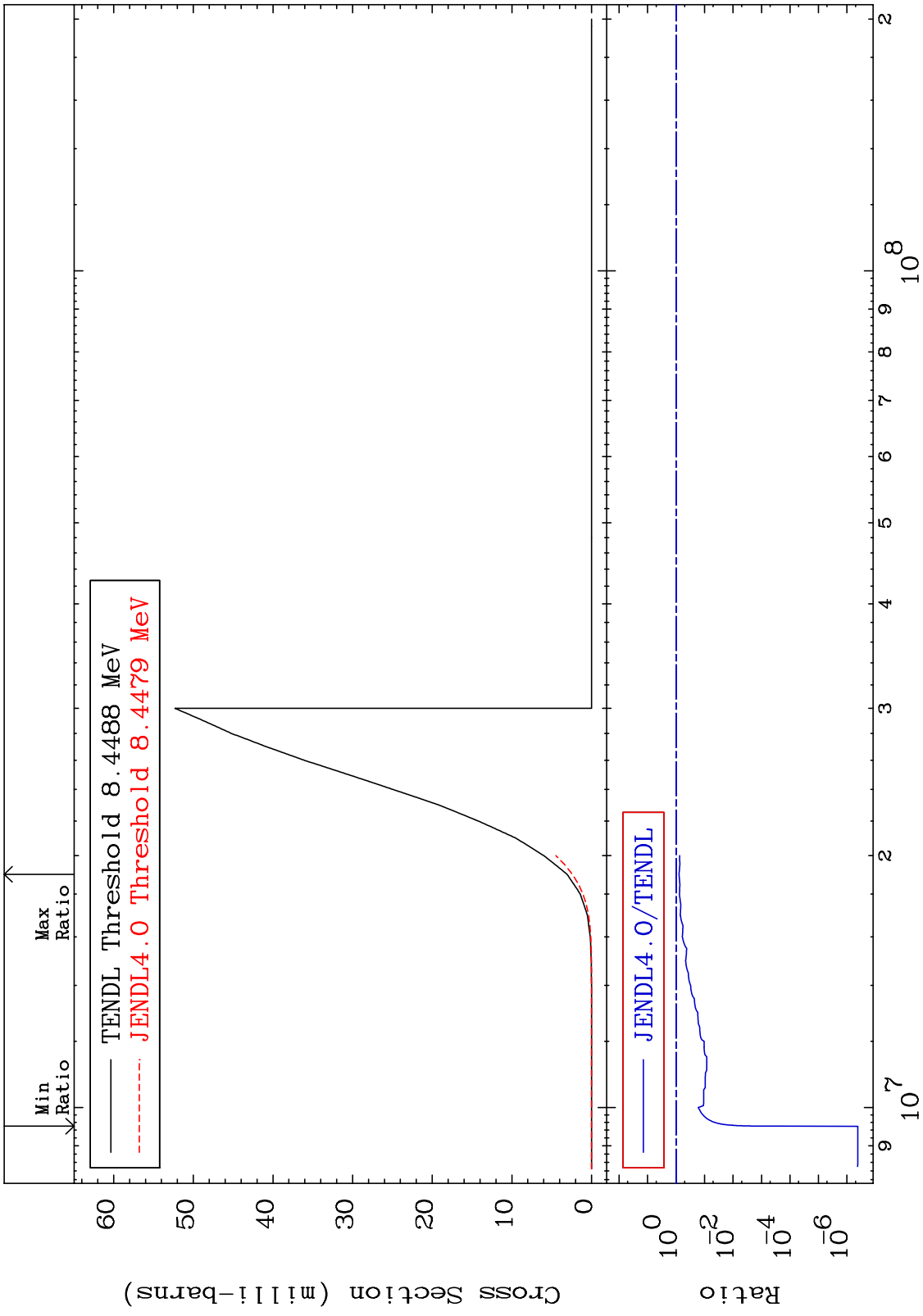
MAT 7443 (n,2n) α 74-W -186
 Cross Section -100.0 To 9999. %



— TENDL Threshold 5.6323 MeV
 - - - JENDL4.0 Threshold 8.0000 MeV

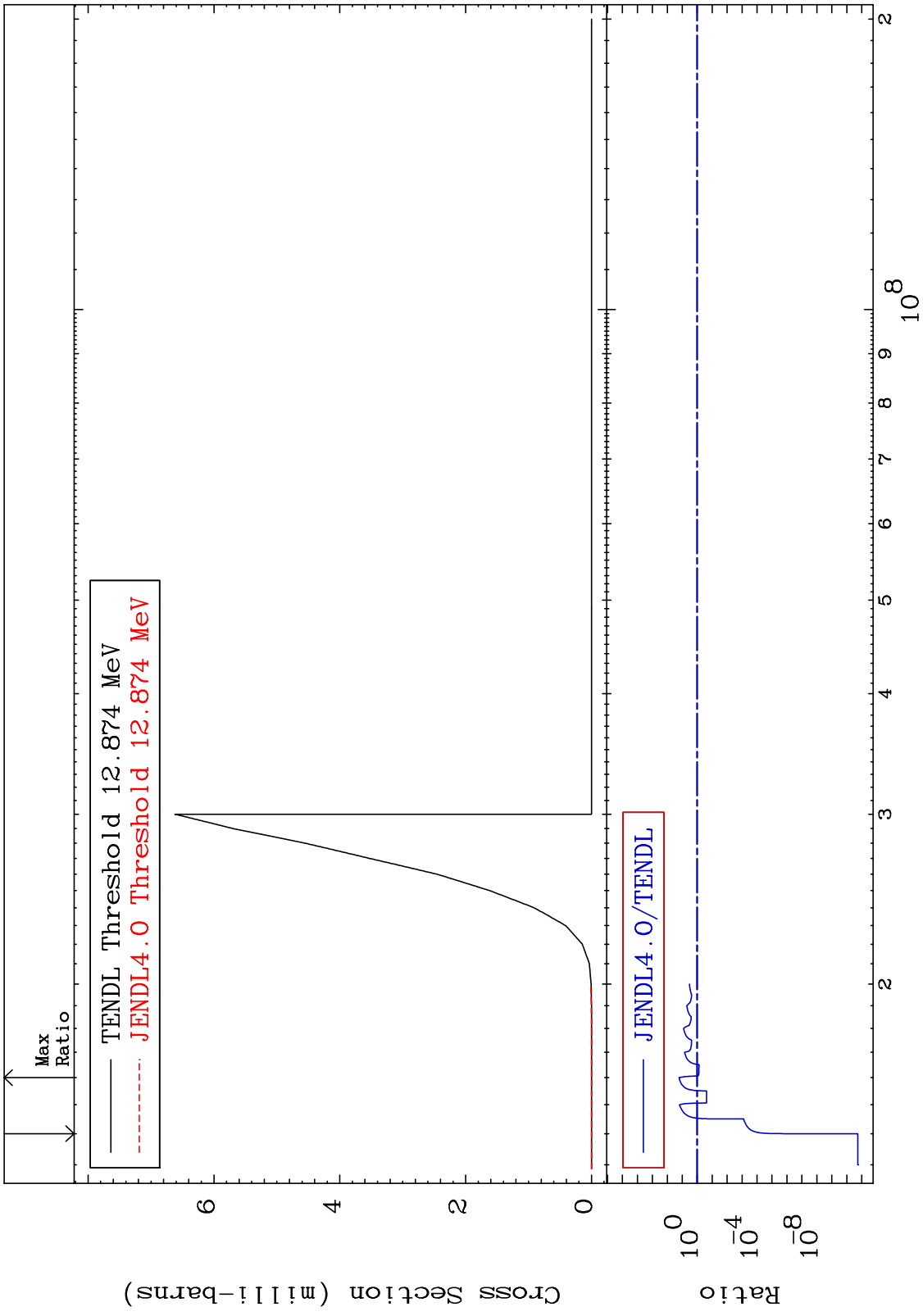
— JENDL4.0/TENDL

MAT 7443 (n,n') p 74-W -186
Cross Section -100.0 To -21.38%

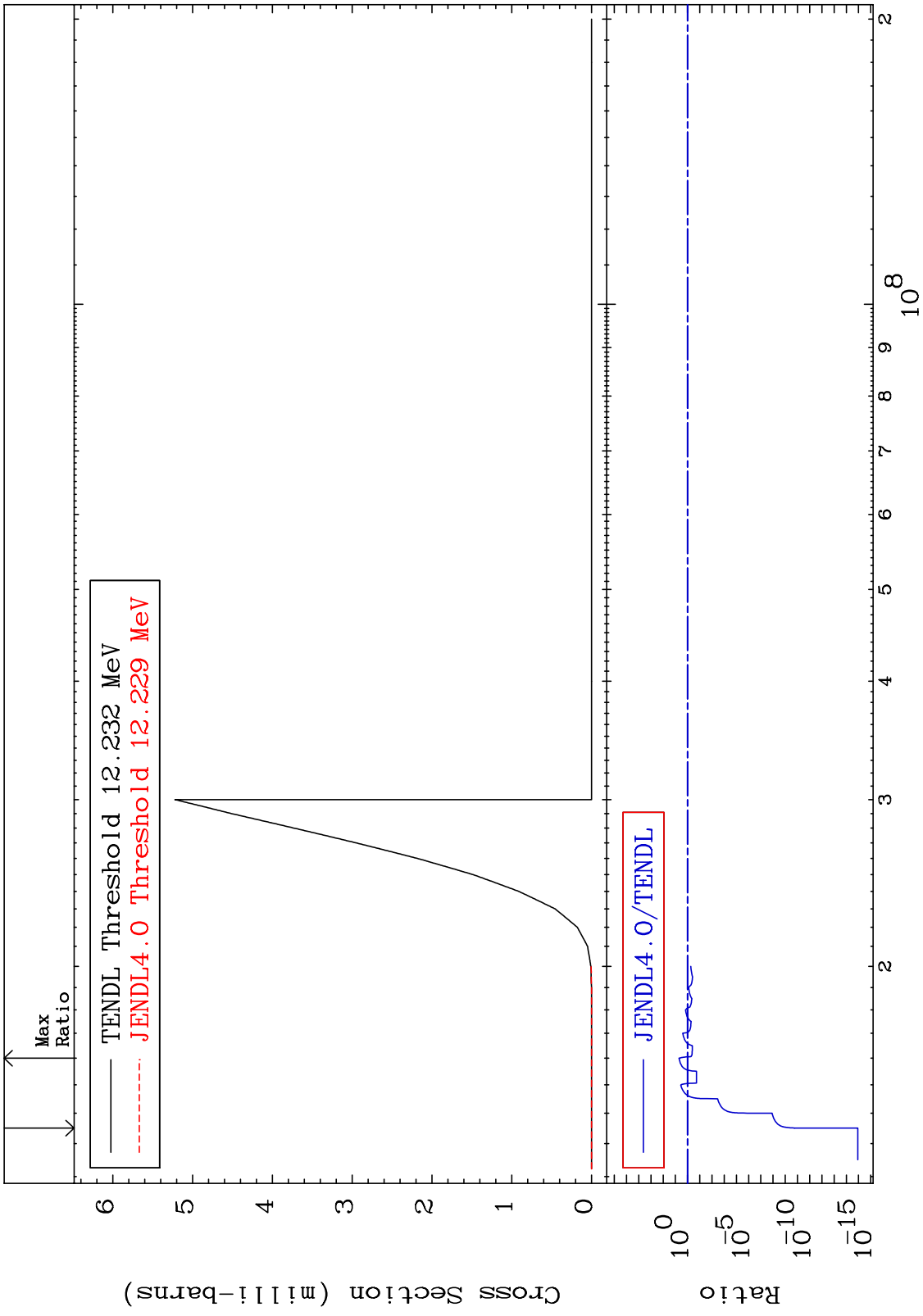


8 Incident Energy (eV) 74-W -186

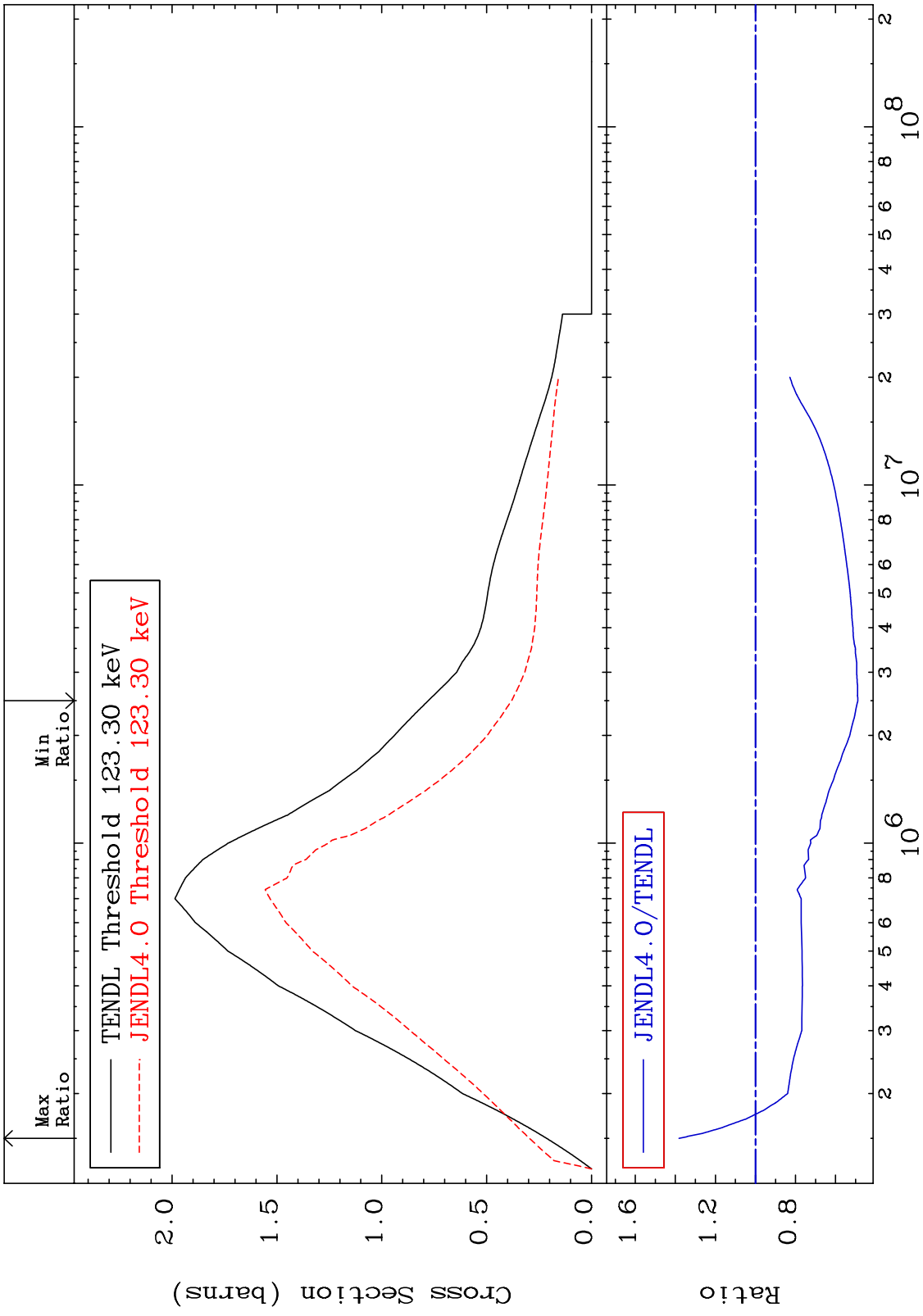
MAT 7443 (n,n') d 74-W -186
 Cross Section -100.0 To 1535. %



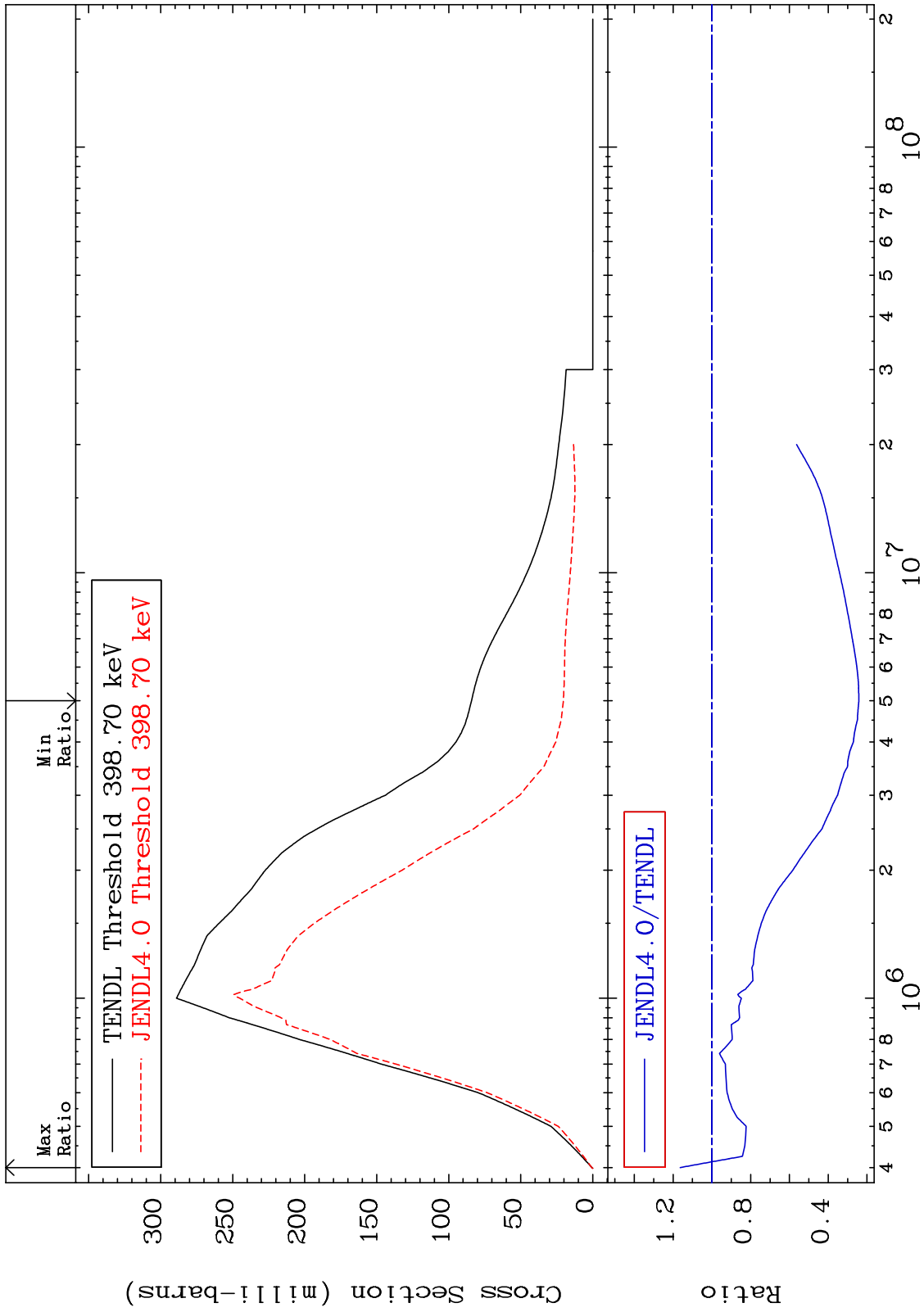
MAT 7443 (n,n') t 74-W -186
 Cross Section -100.0 To 397.6 %



MAT 7443 MT= 51 (n,n') Level Cross Section 74-W -186
 -51.12 To 38.16 %

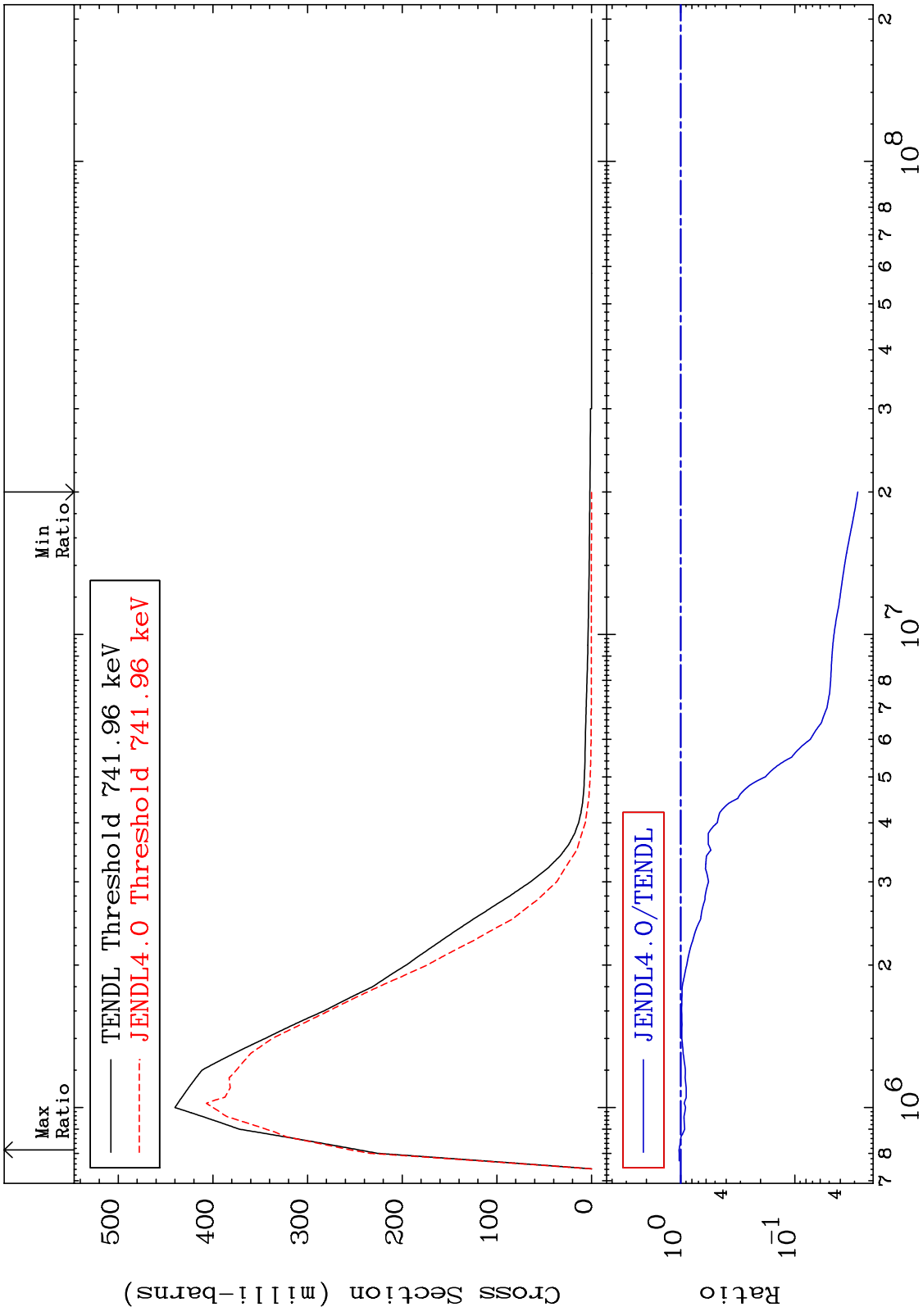


MAT 7443 MT= 52 (n,n') Level Cross Section 74-W -186
 -75.80 To 16.33 %



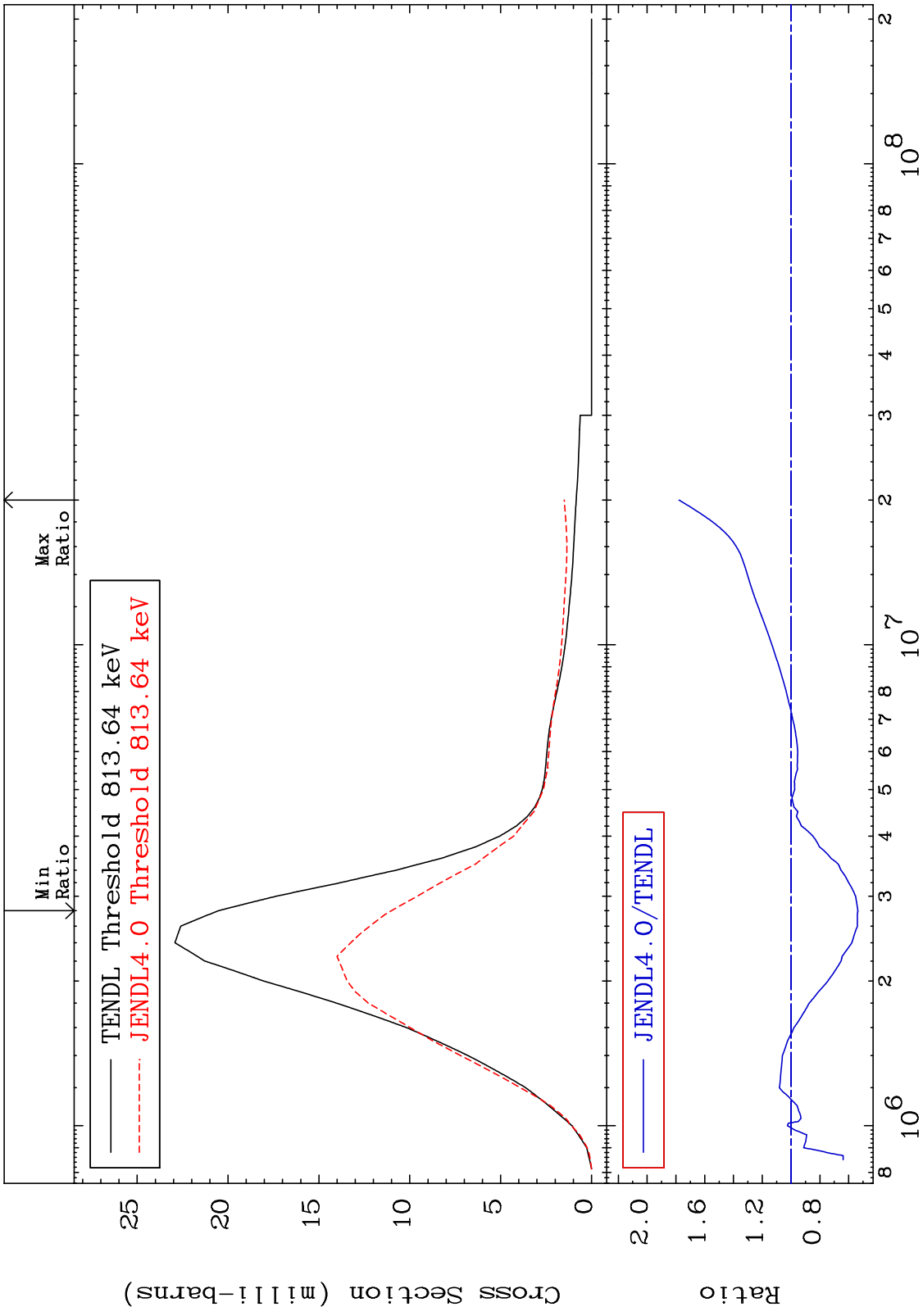
12 74-W -186

MAT 7443 MT= 53 (n,n') Level Cross Section 74-W -186
 -97.19 To 3.532 %



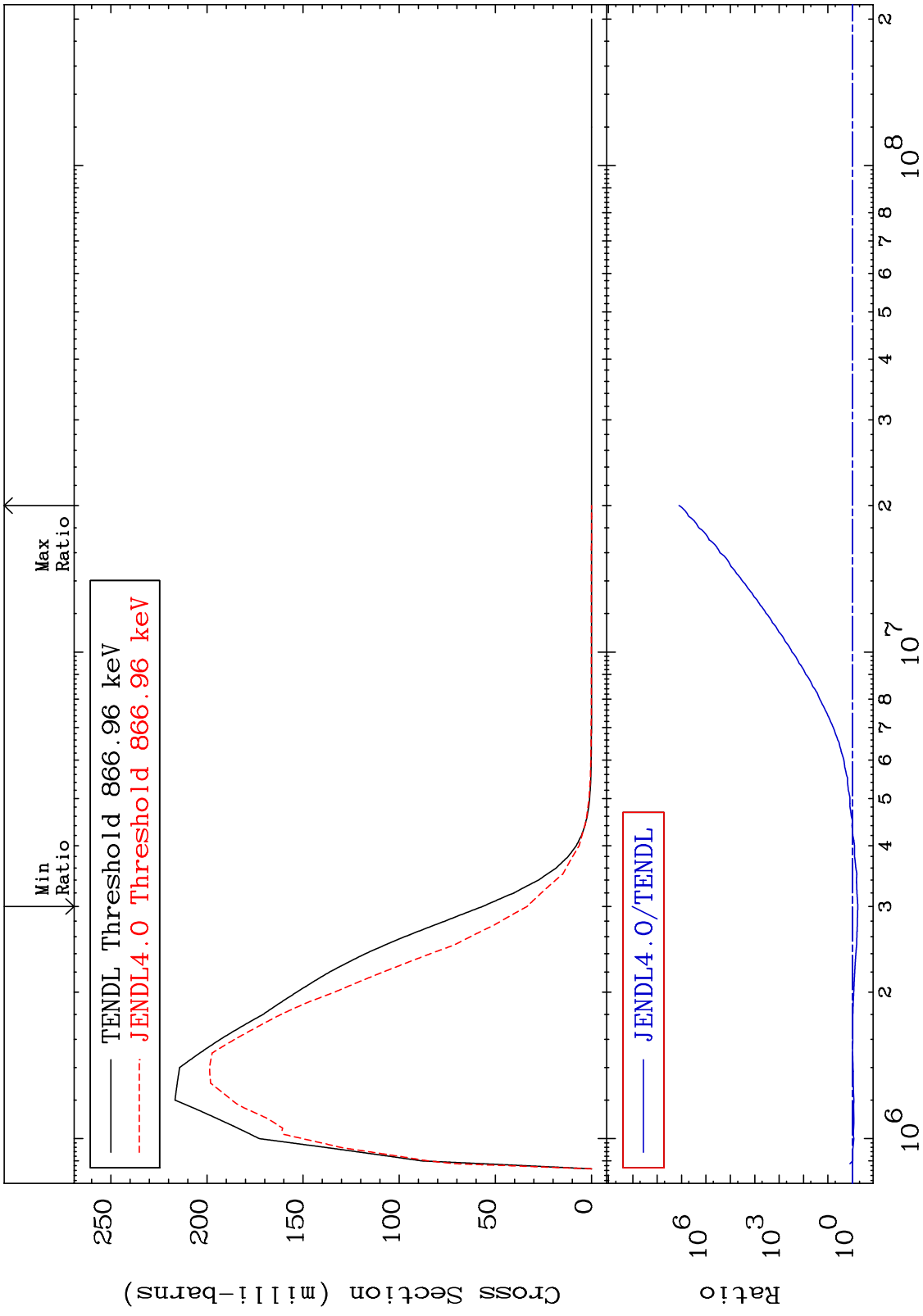
13 74-W -186

MAT 7443 MT= 54 (n,n') Level Cross Section 74-W -186
 -46.36 To 77.82 %



14 74-W -186

MAT 7443 MT= 55 (n,n') Level Cross Section 74-W -186
 -40.87 To 9999. %

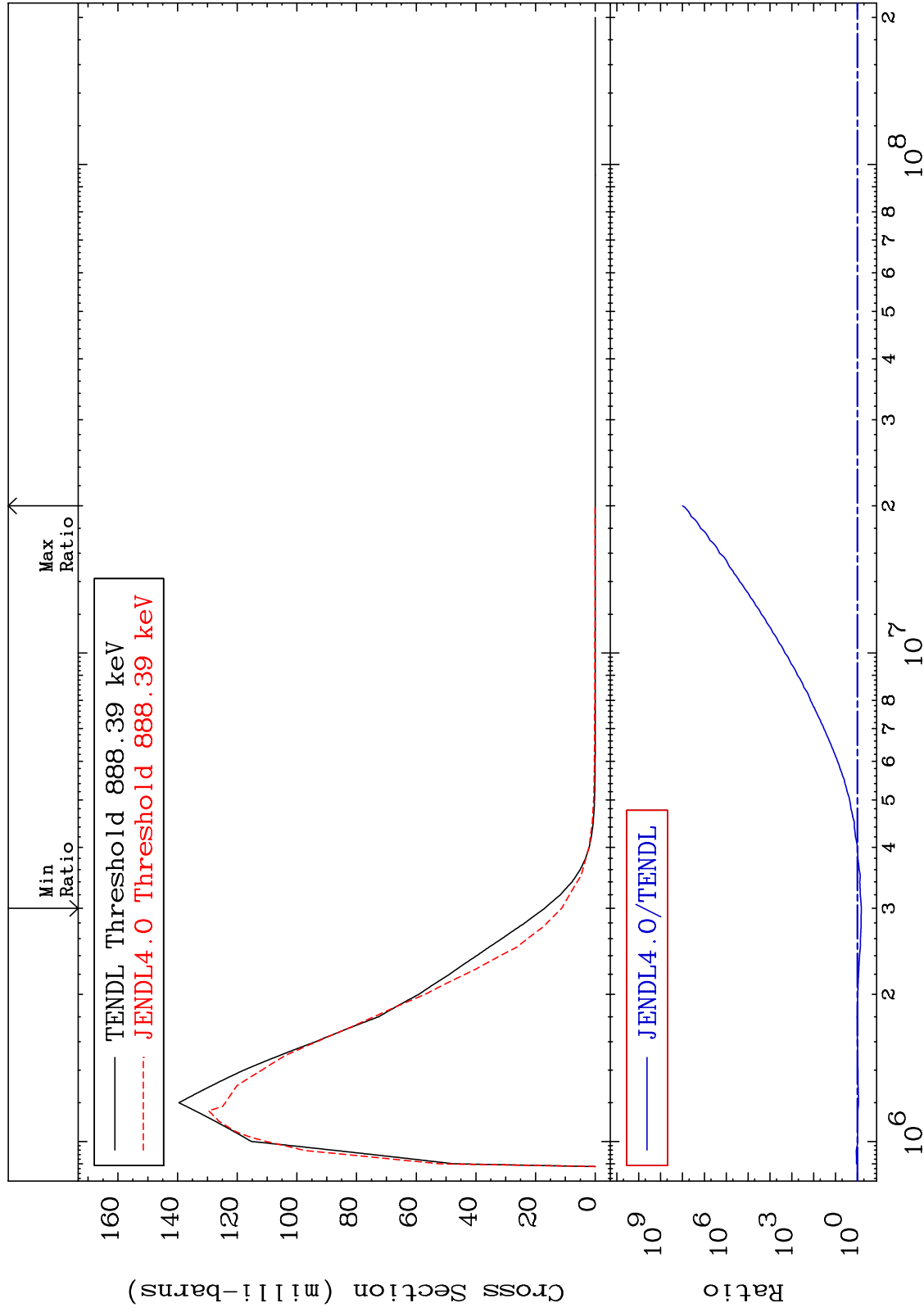


15 Incident Energy (eV) 74-W -186

MAT 7443

MT= 56 (n,n') Level
Cross Section

74-W -186
-33.74 To 9999. %



16

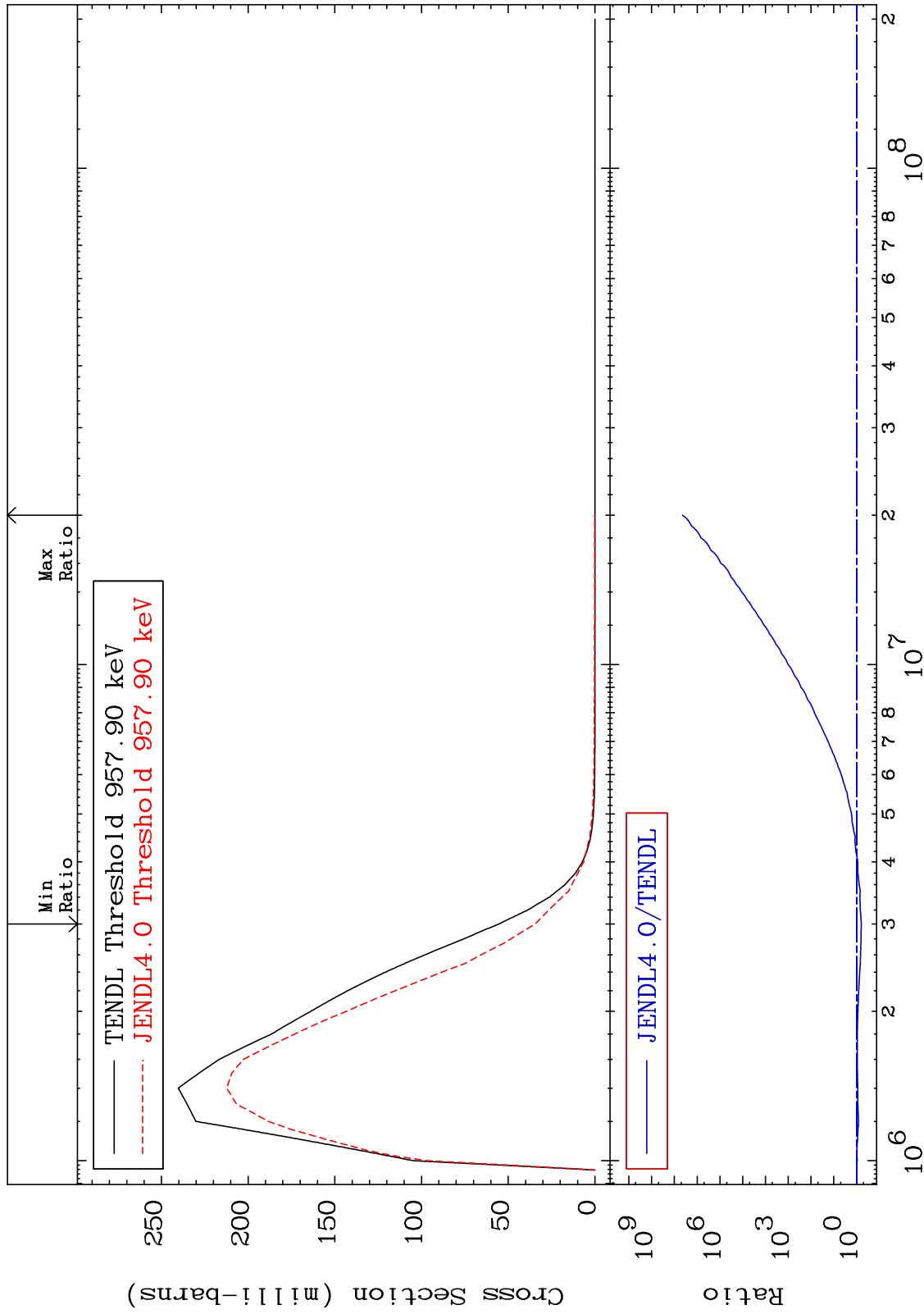
Incident Energy (eV)

74-W -186

MAT 7443

MT= 57 (n,n') Level
Cross Section

74-W -186
-37.92 To 9999. %

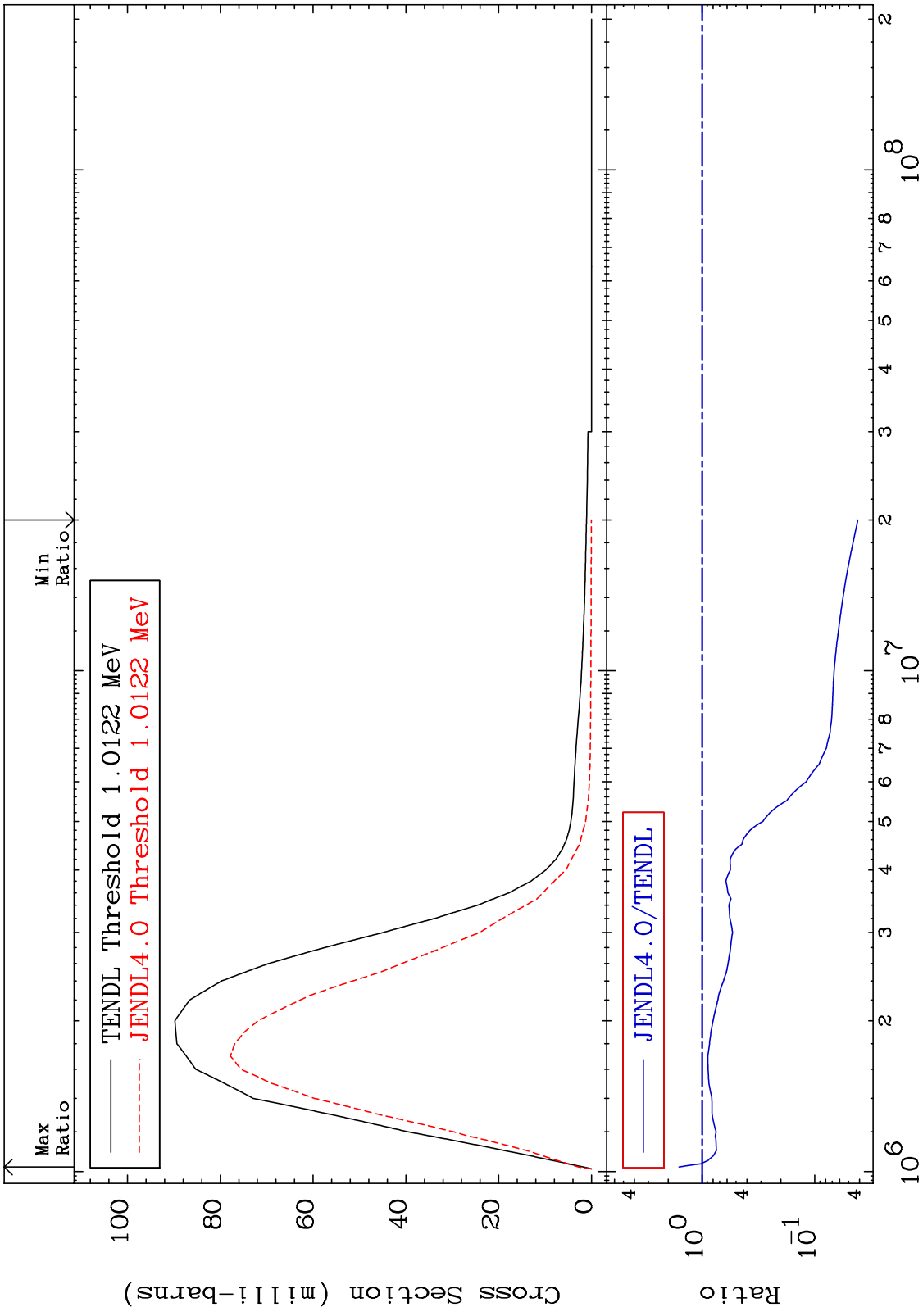


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Incident Energy (eV)

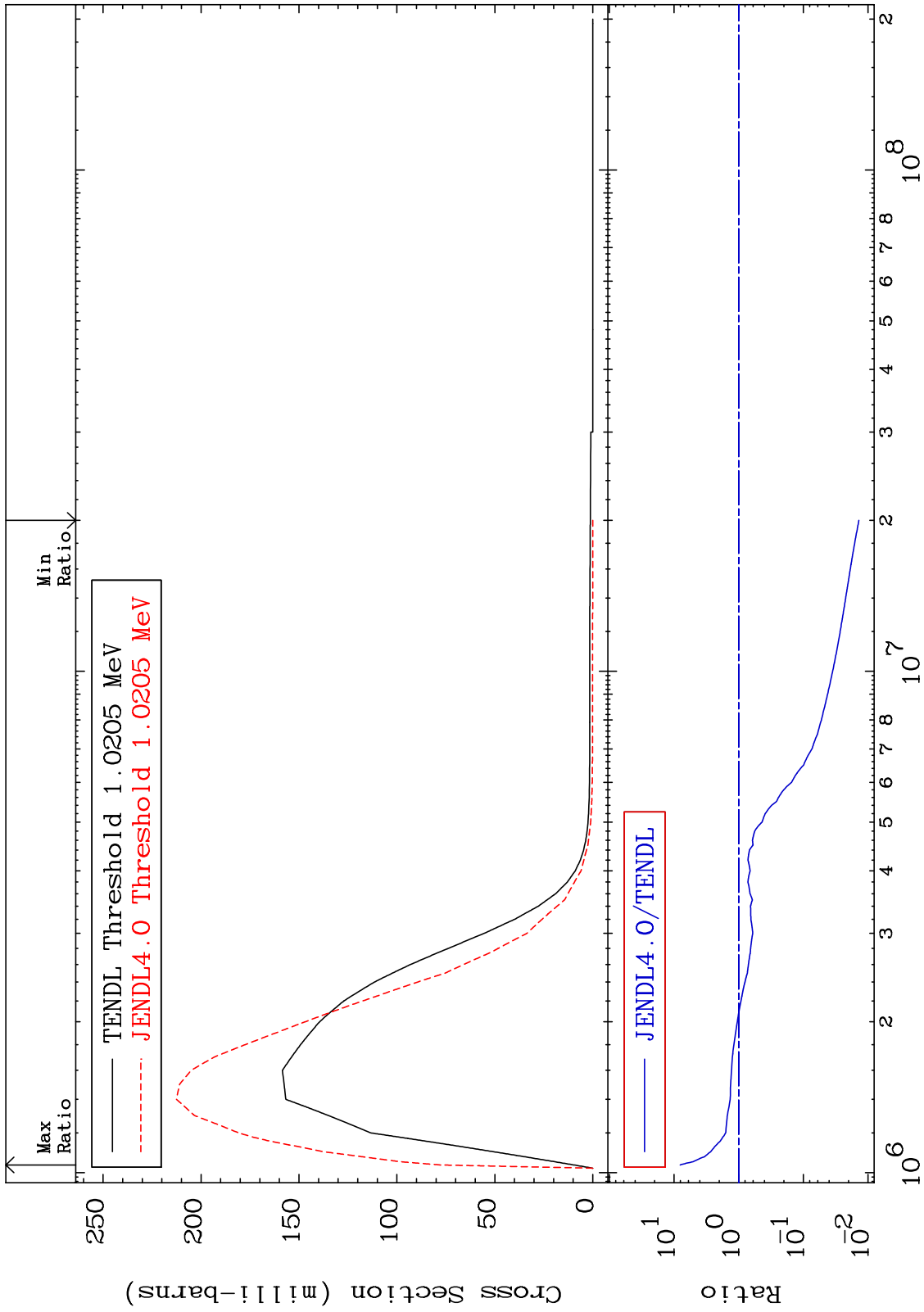
74-W -186

MAT 7443 MT= 58 (n,n') Level Cross Section 74-W -186
 -95.86 To 60.26 %



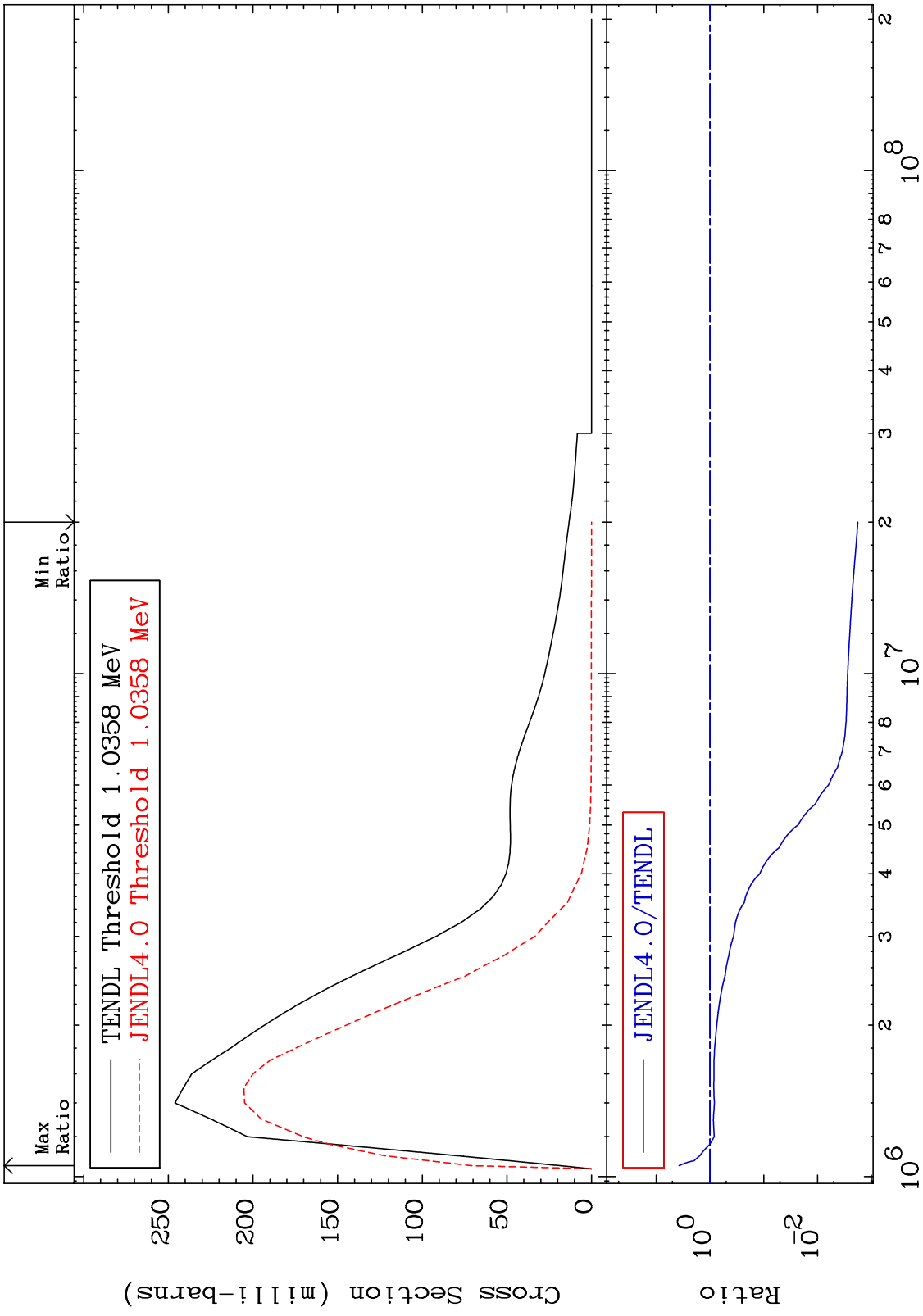
18 74-W -186

MAT 7443 MT= 59 (n,n') Level Cross Section 74-W -186
-98.61 To 704.7 %



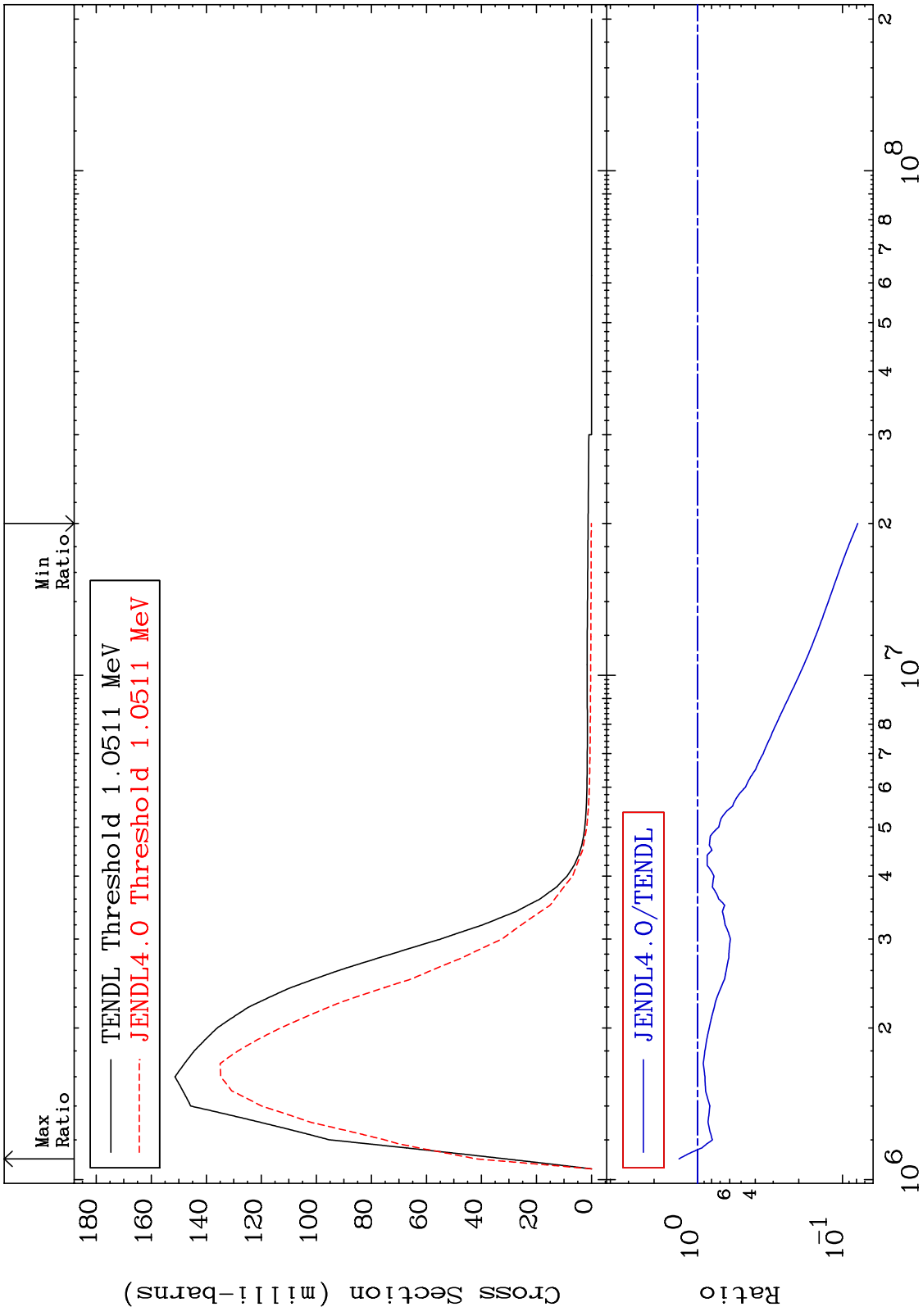
19 74-W -186

MAT 7443 MT= 60 (n,n') Level Cross Section 74-W -186
-99.82 To 276.9 %



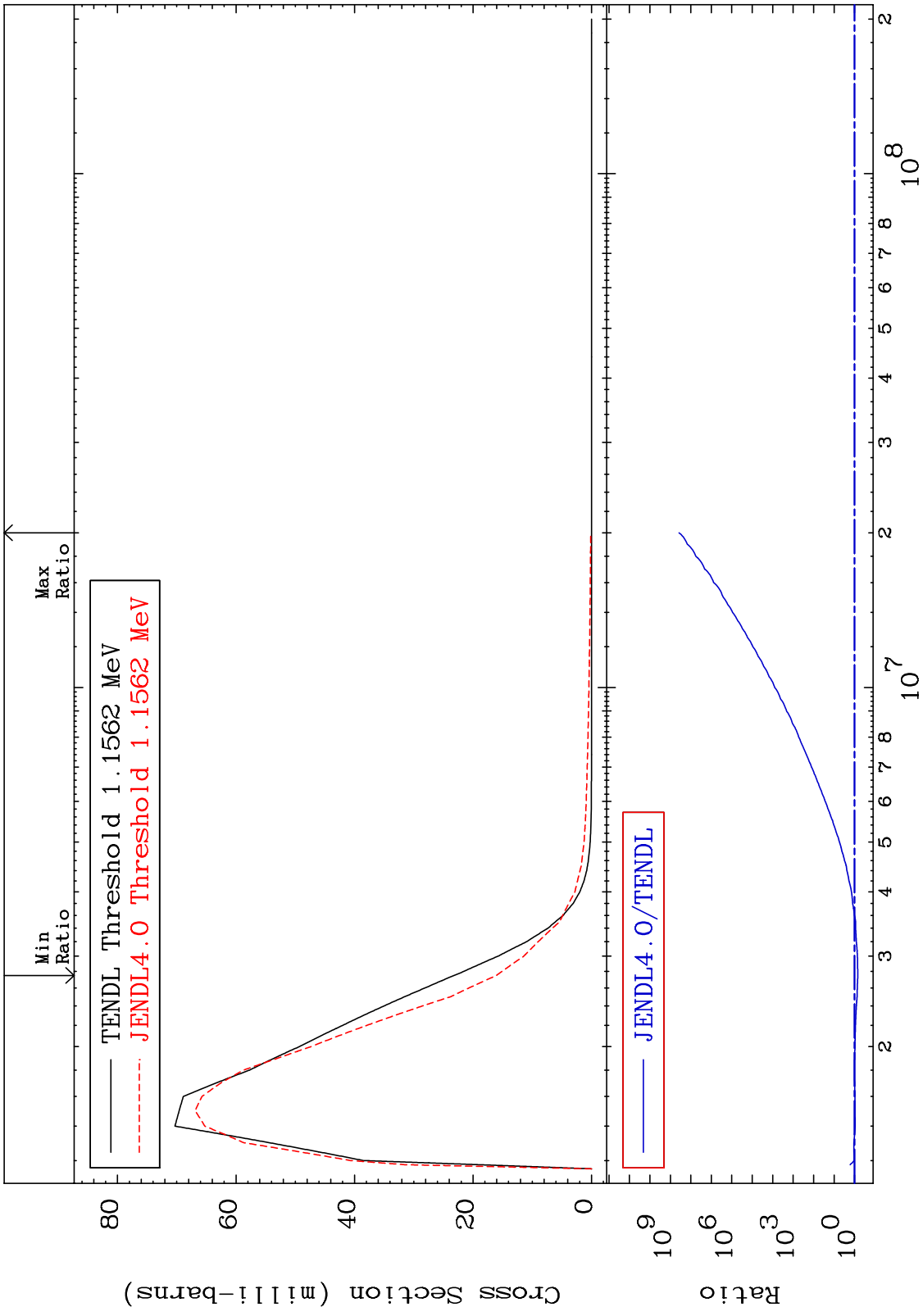
20 Incident Energy (eV) 74-W -186

MAT 7443 MT= 61 (n,n') Level Cross Section 74-W -186
 -92.18 To 34.21 %

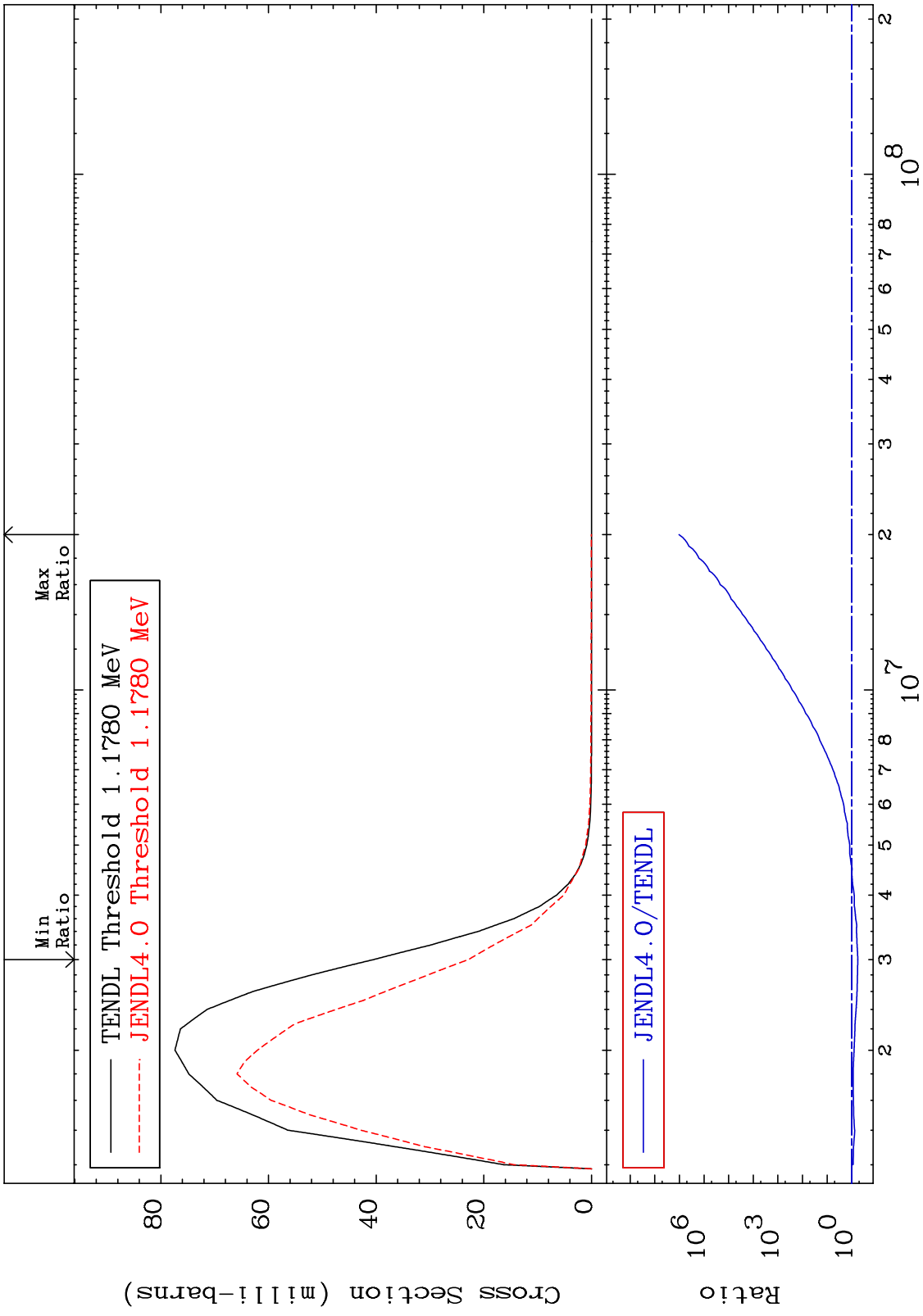


21 74-W -186

MAT 7443 MT= 62 (n,n') Level Cross Section 74-W -186
 -30.83 To 9999. %



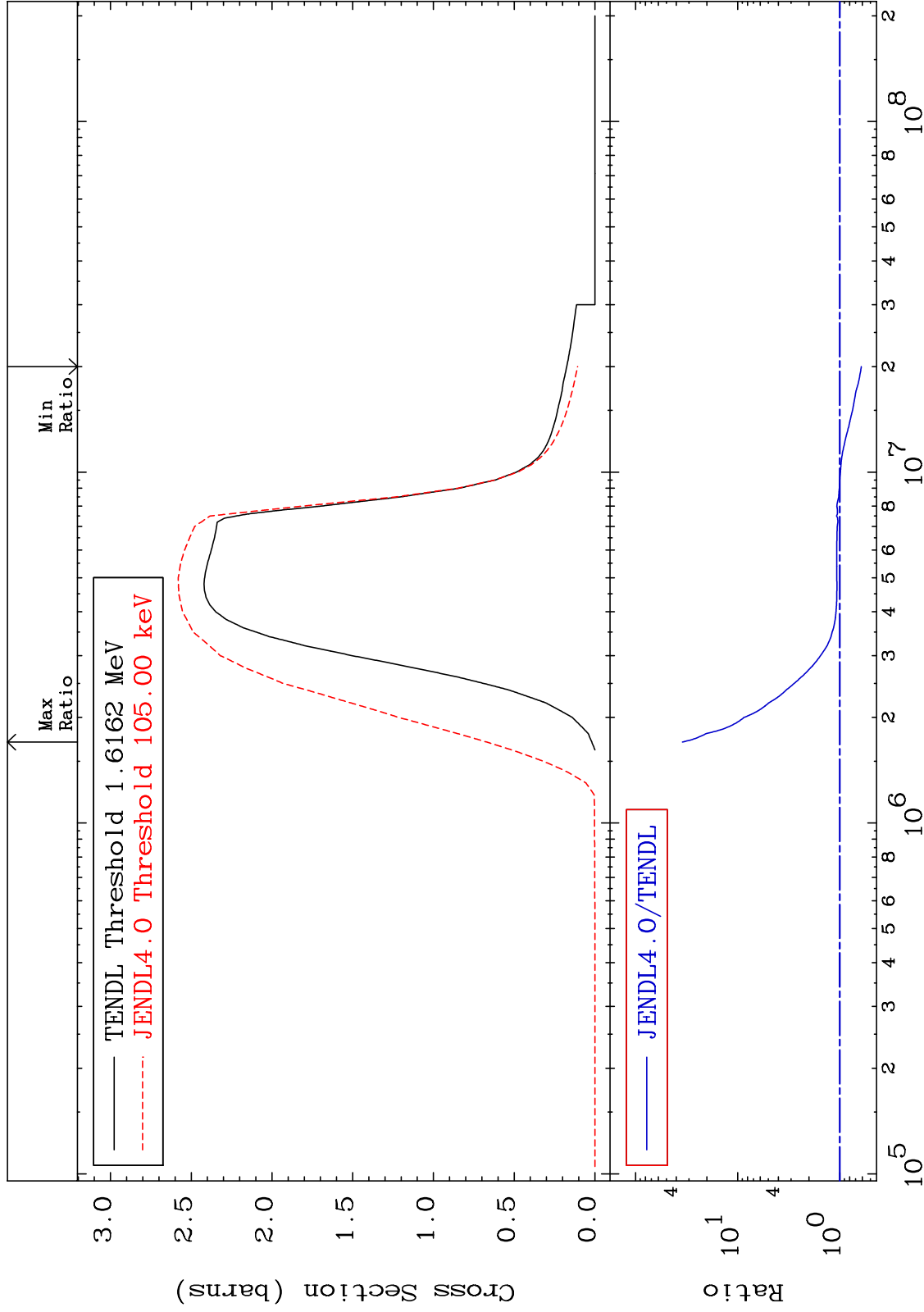
MAT 7443 MT= 63 (n,n') Level Cross Section 74-W -186
 -43.52 To 9999. %



MAT 7443

(n, n') Continuum
Cross Section

74-W -186
-38.54 To 3375. %



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Incident Energy (eV)

74-W -186

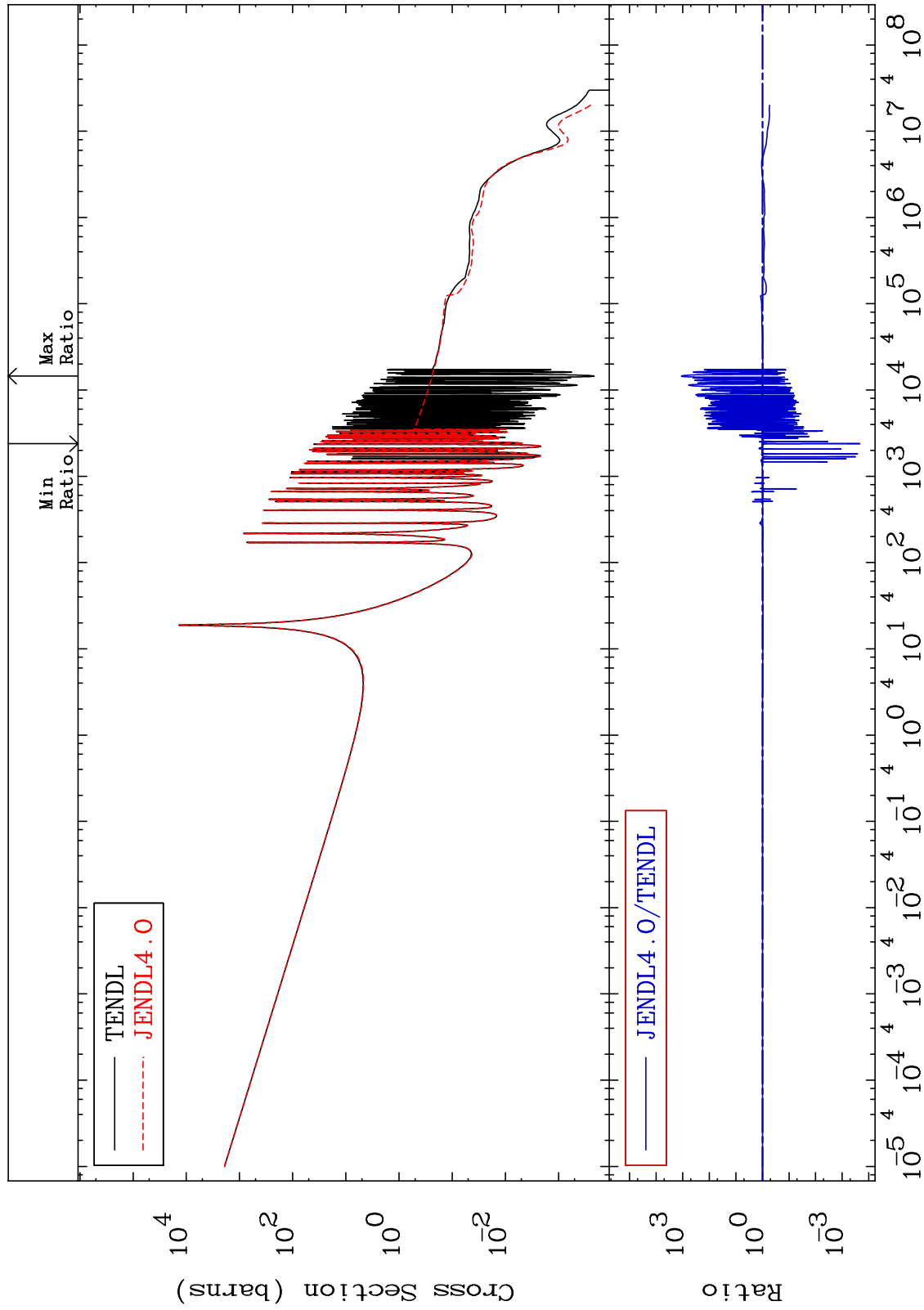
MAT 7443

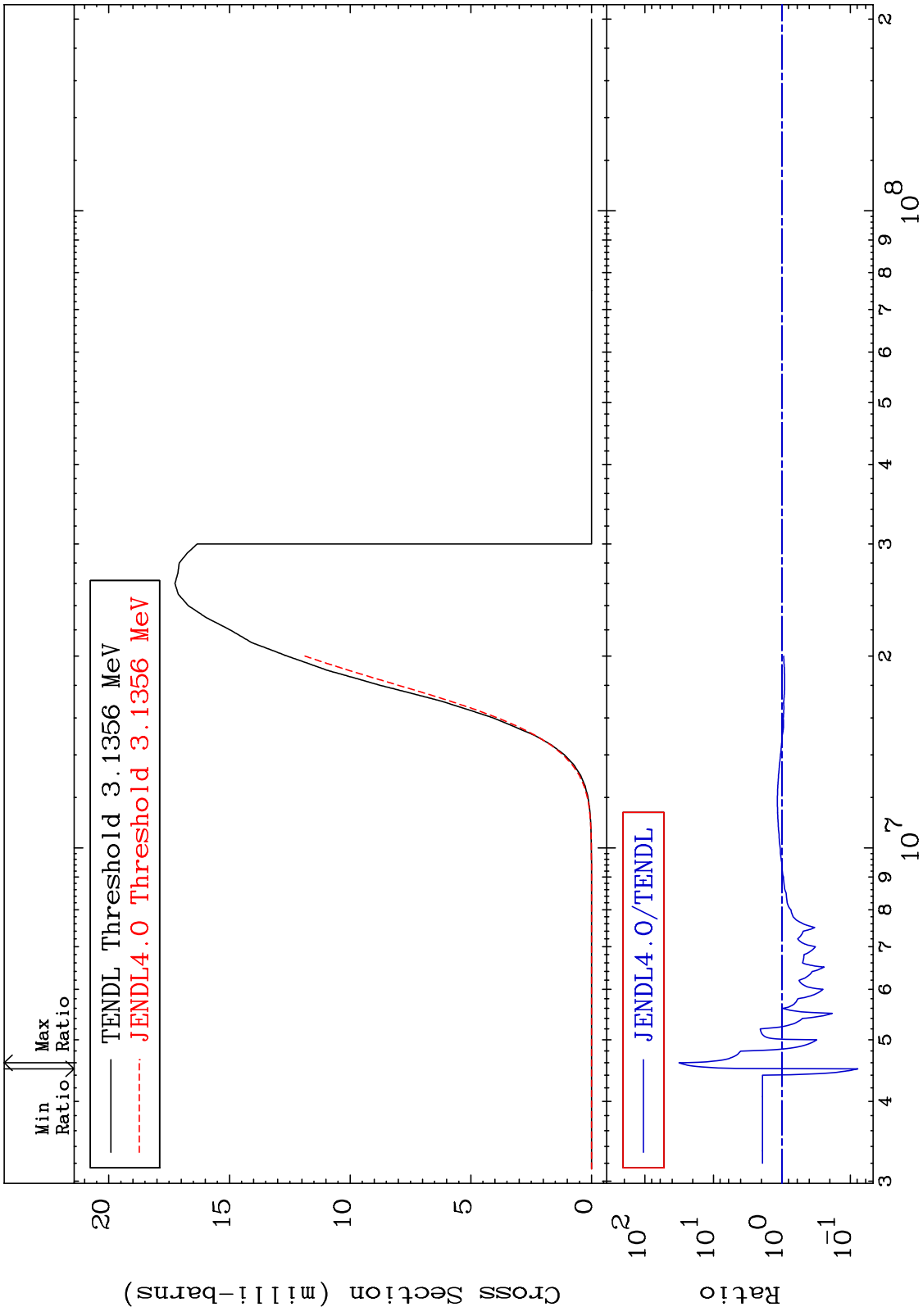
(n, γ)

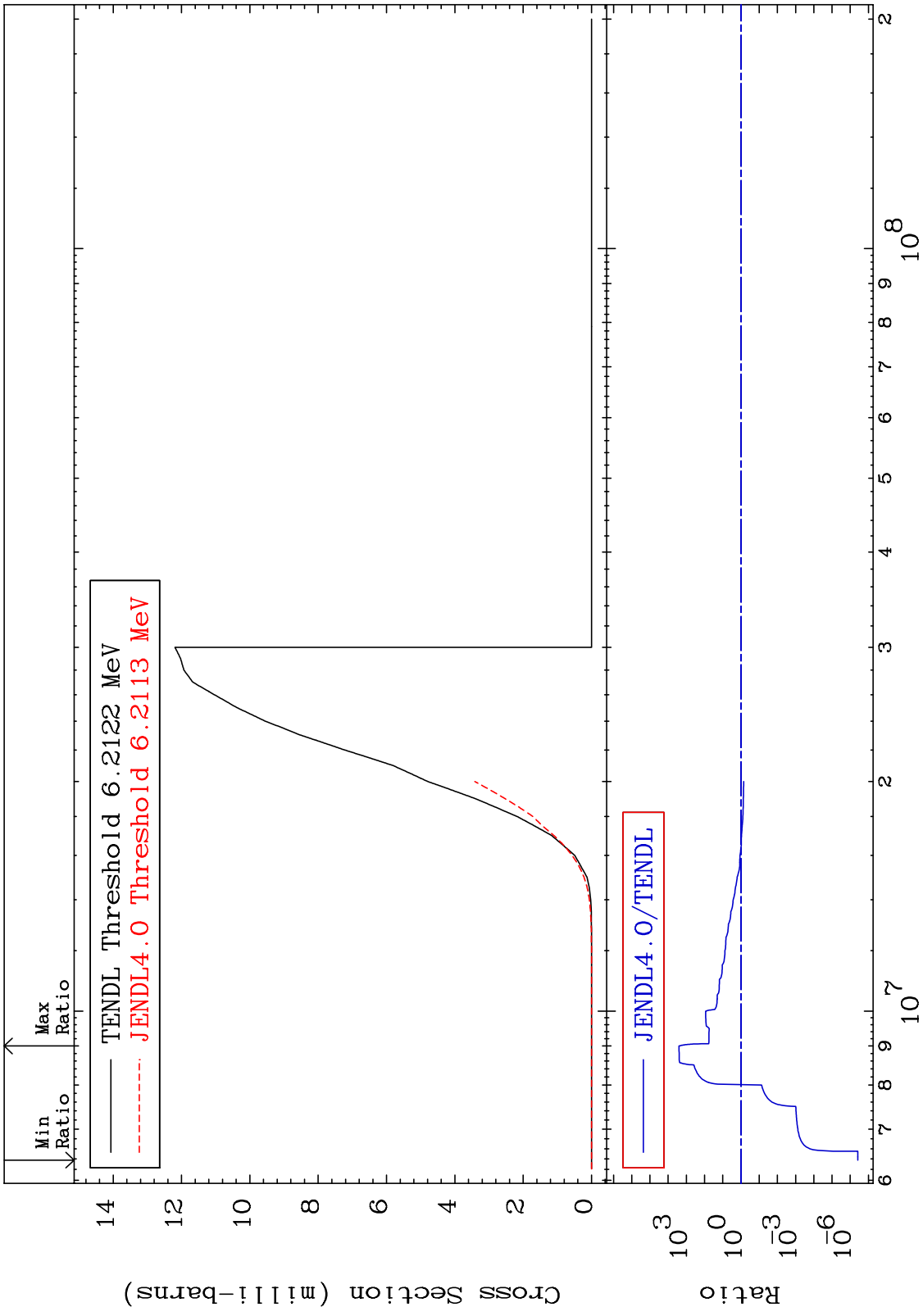
74-W -186

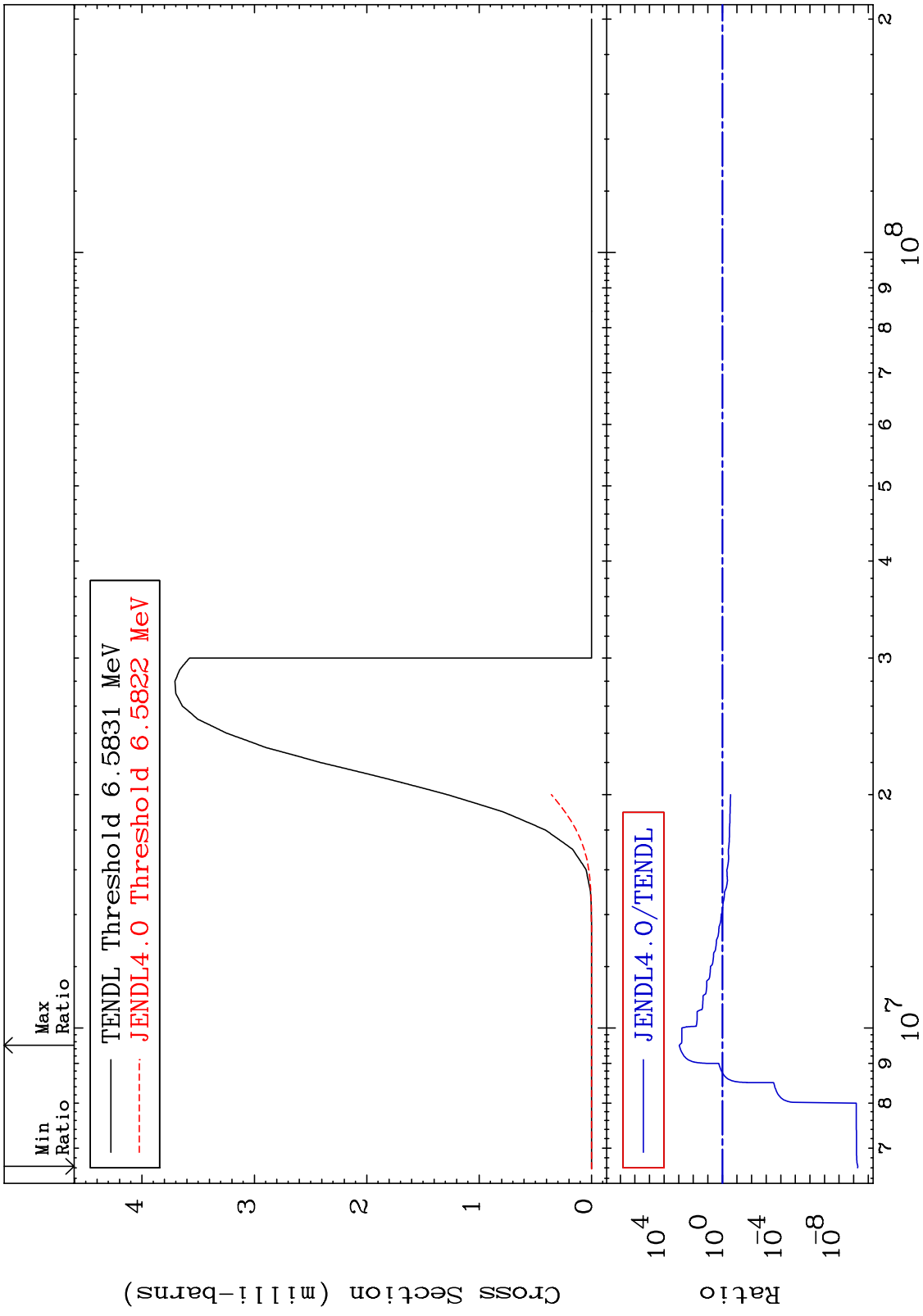
Cross Section

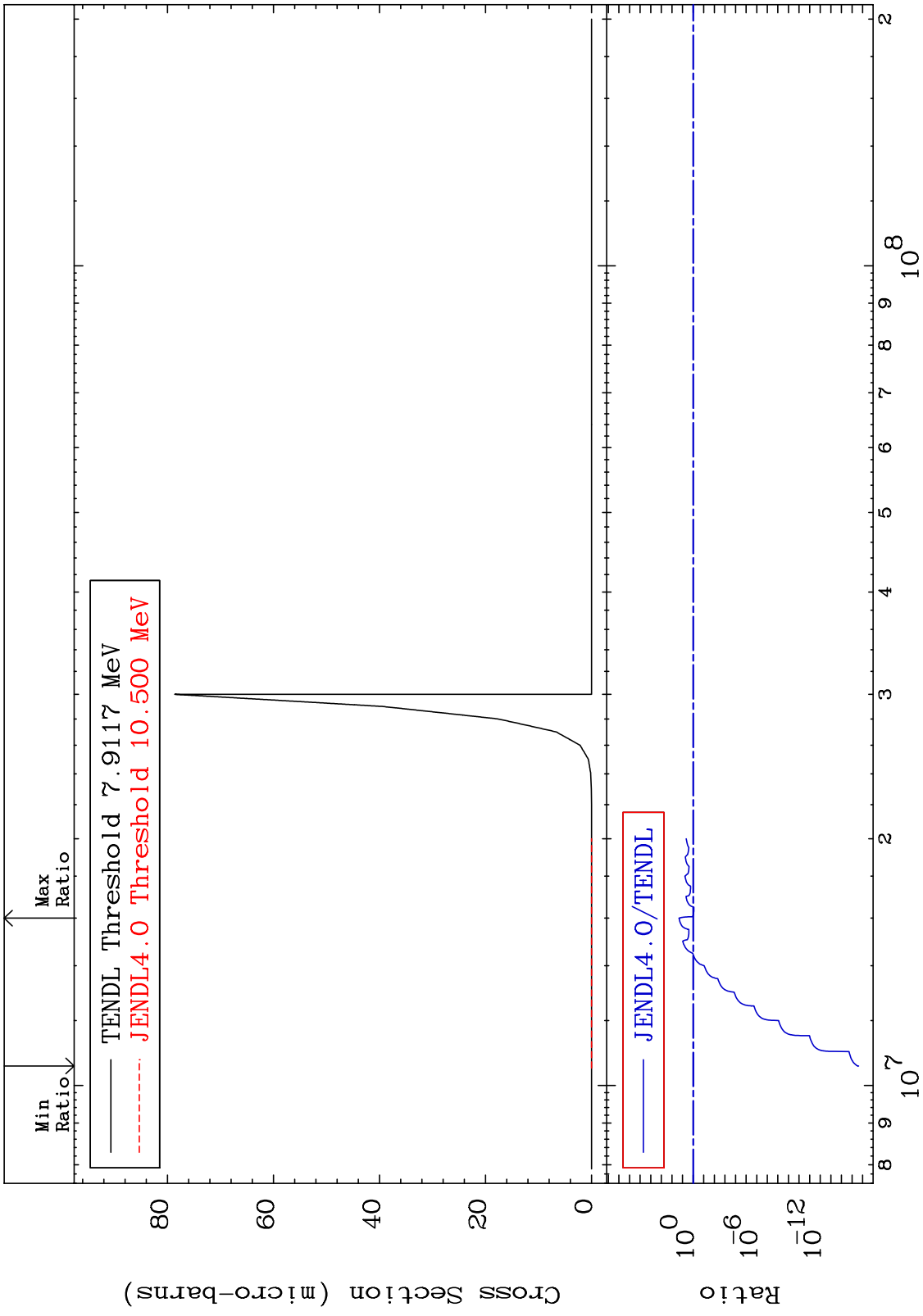
-99.98 To 9999. %









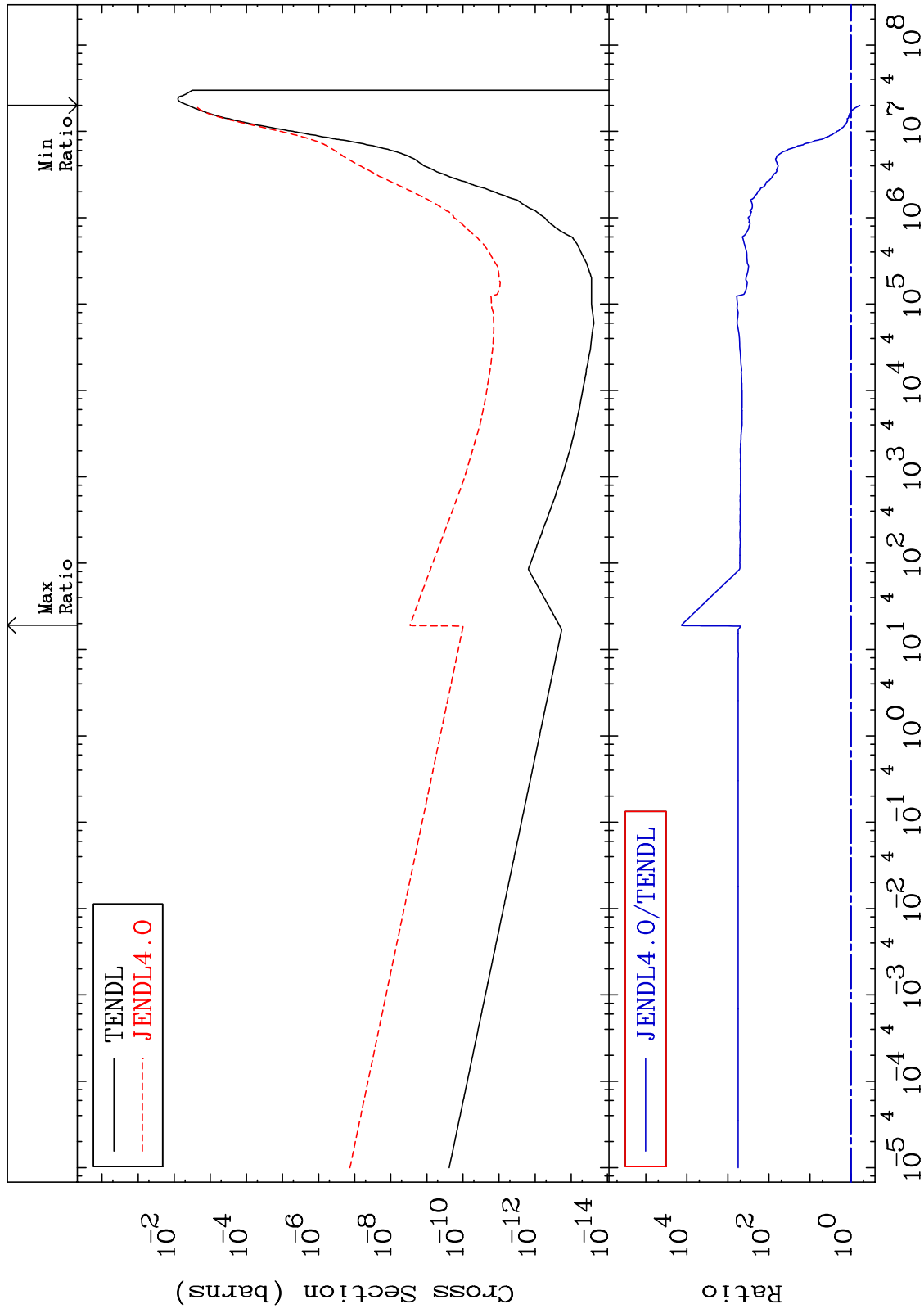


MAT 7443

(n, α)

74-W -186

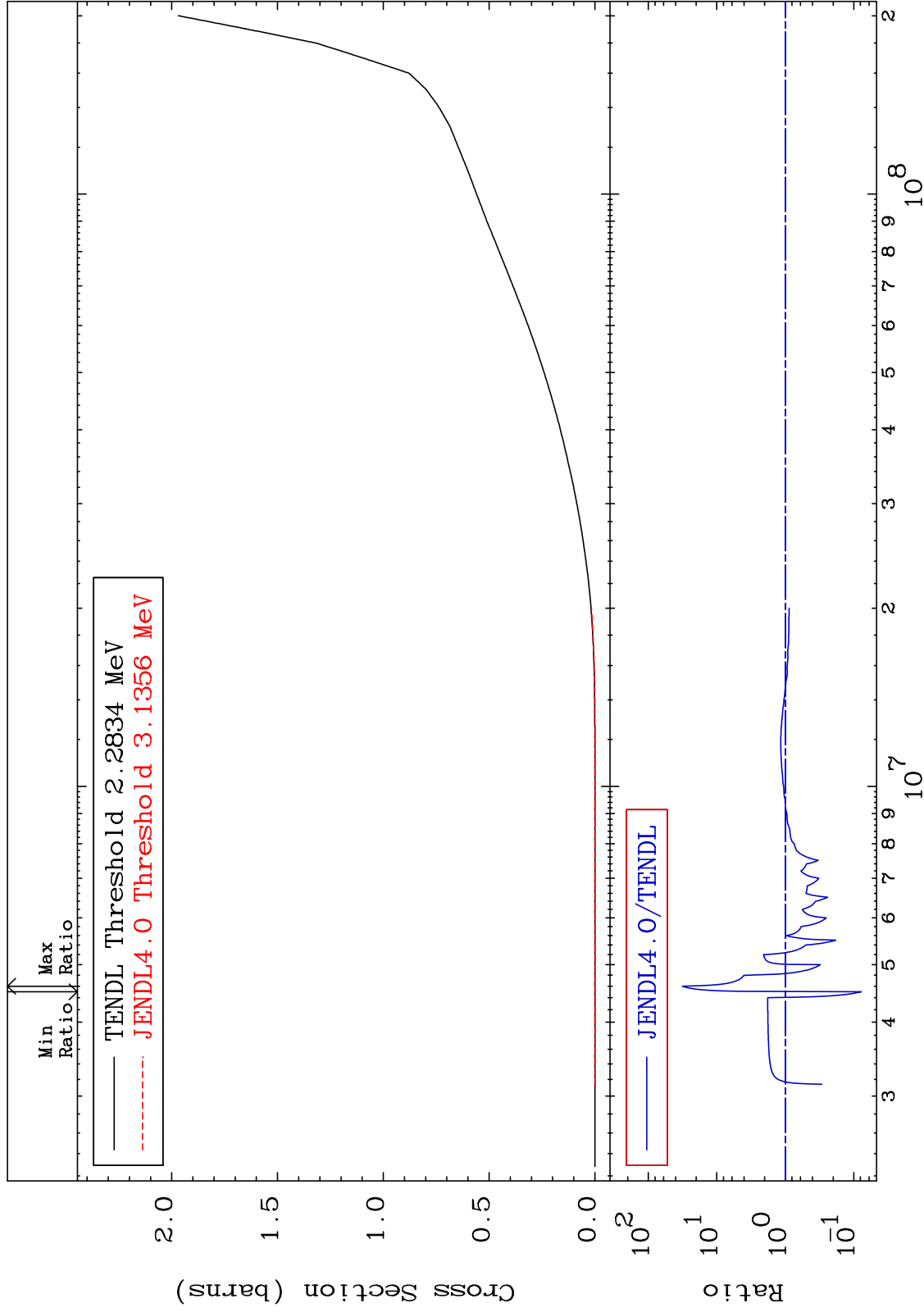
-38.67 To 9999. %



MAT 7443

Hydrogen Production Cross Section

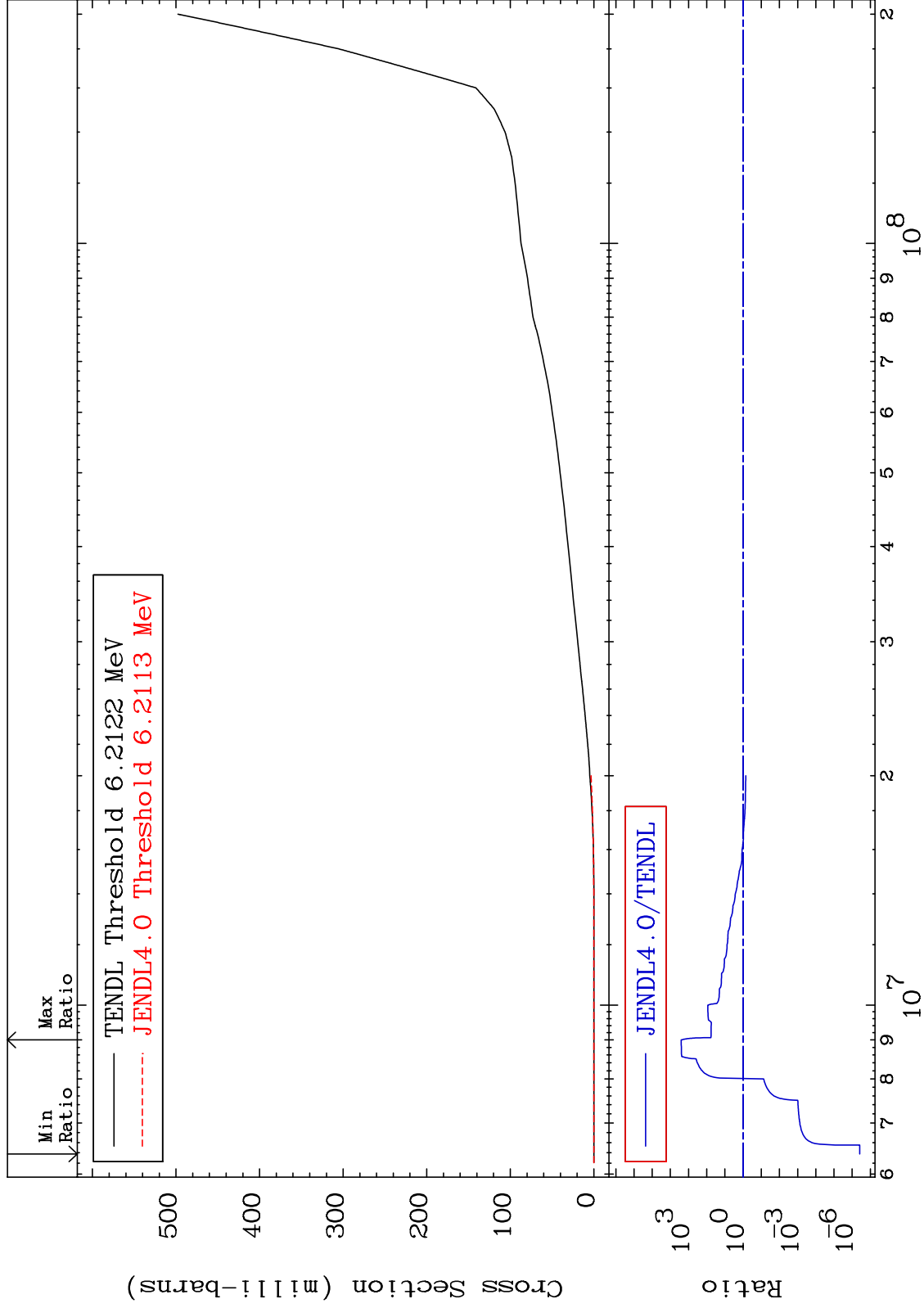
74-W -186
-92.22 To 3074. %

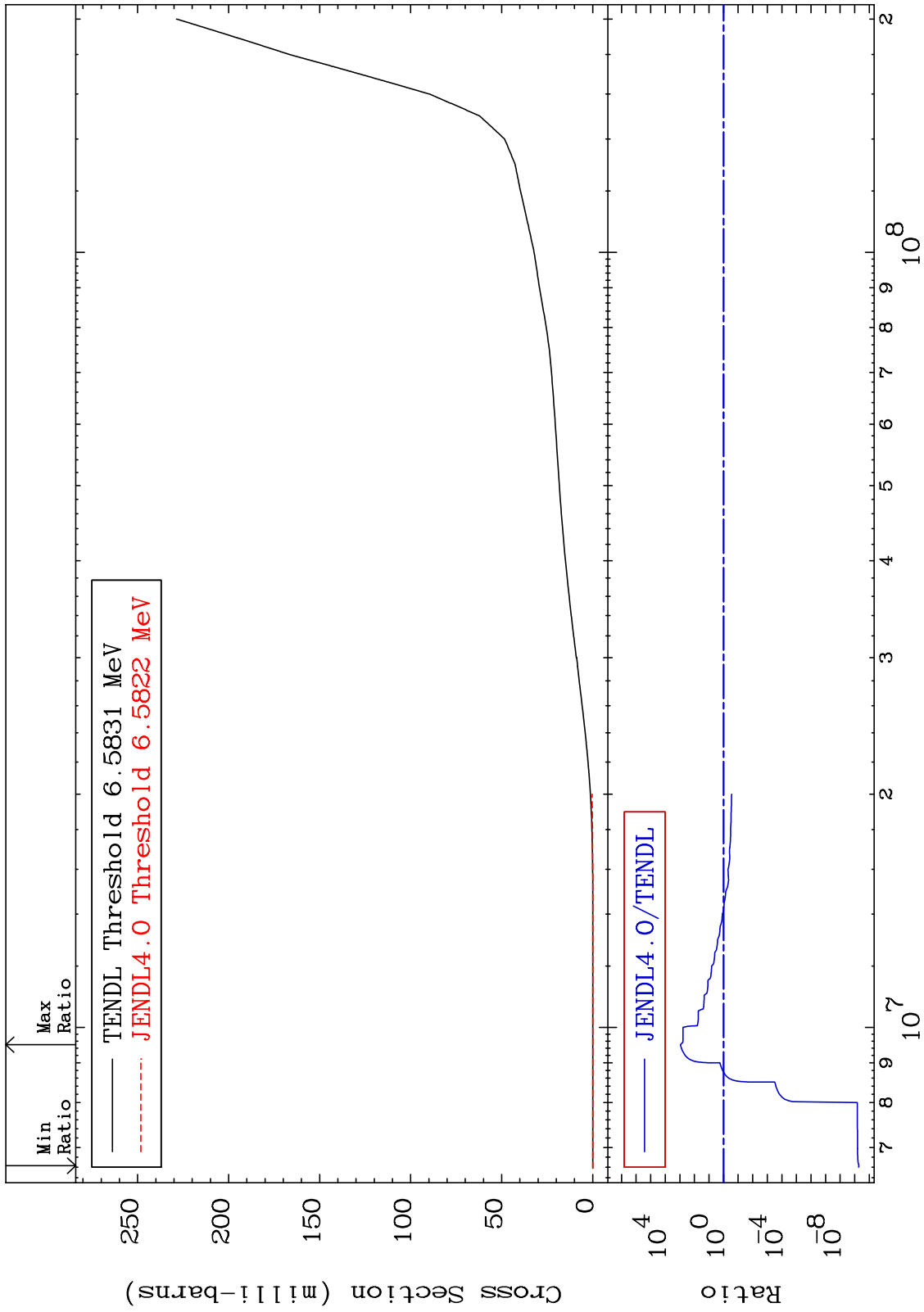


MAT 7443

Deuterium Production
Cross Section

74-W -186
-100.0 To 9999. %

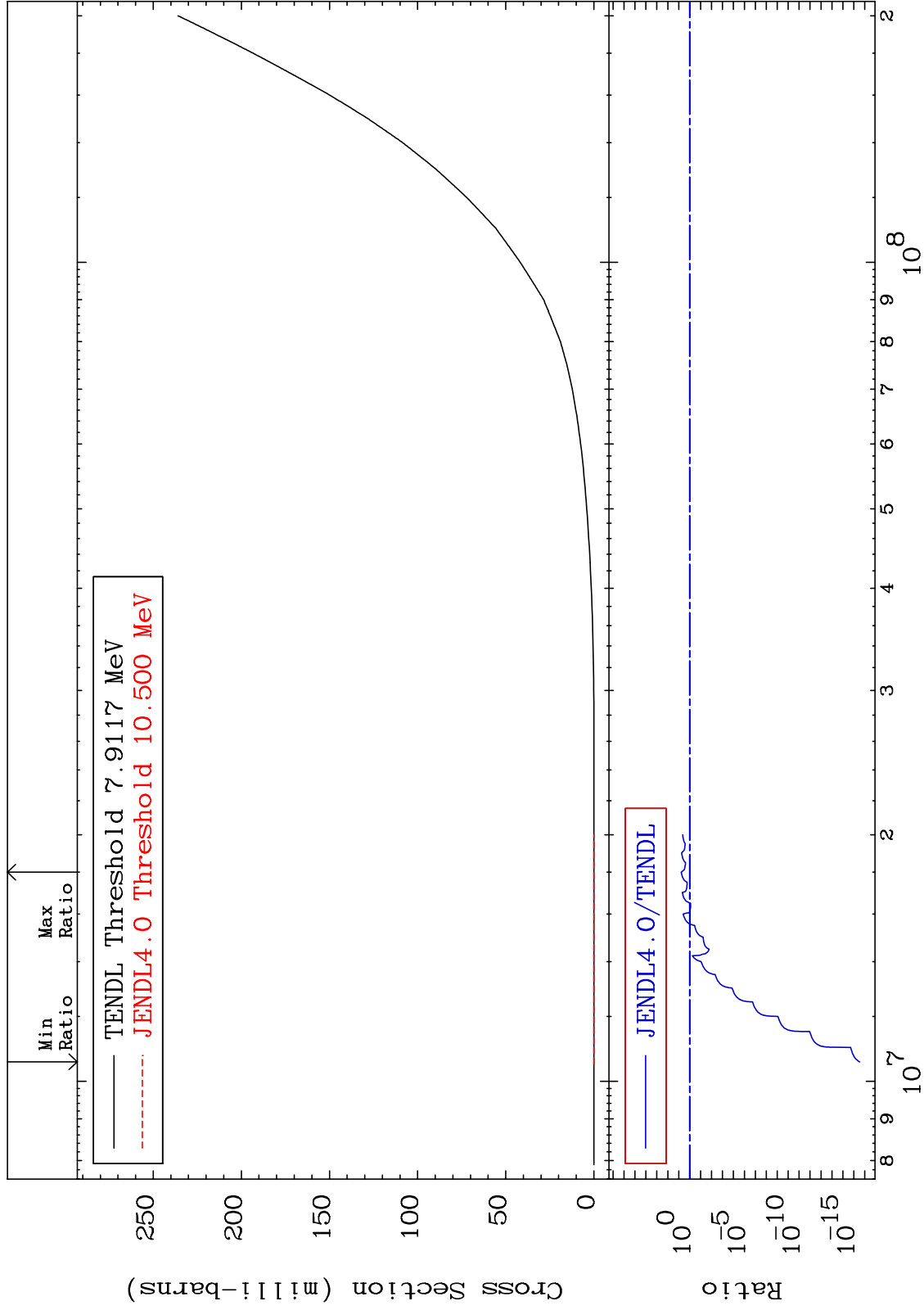




MAT 7443

He-3 Production
Cross Section

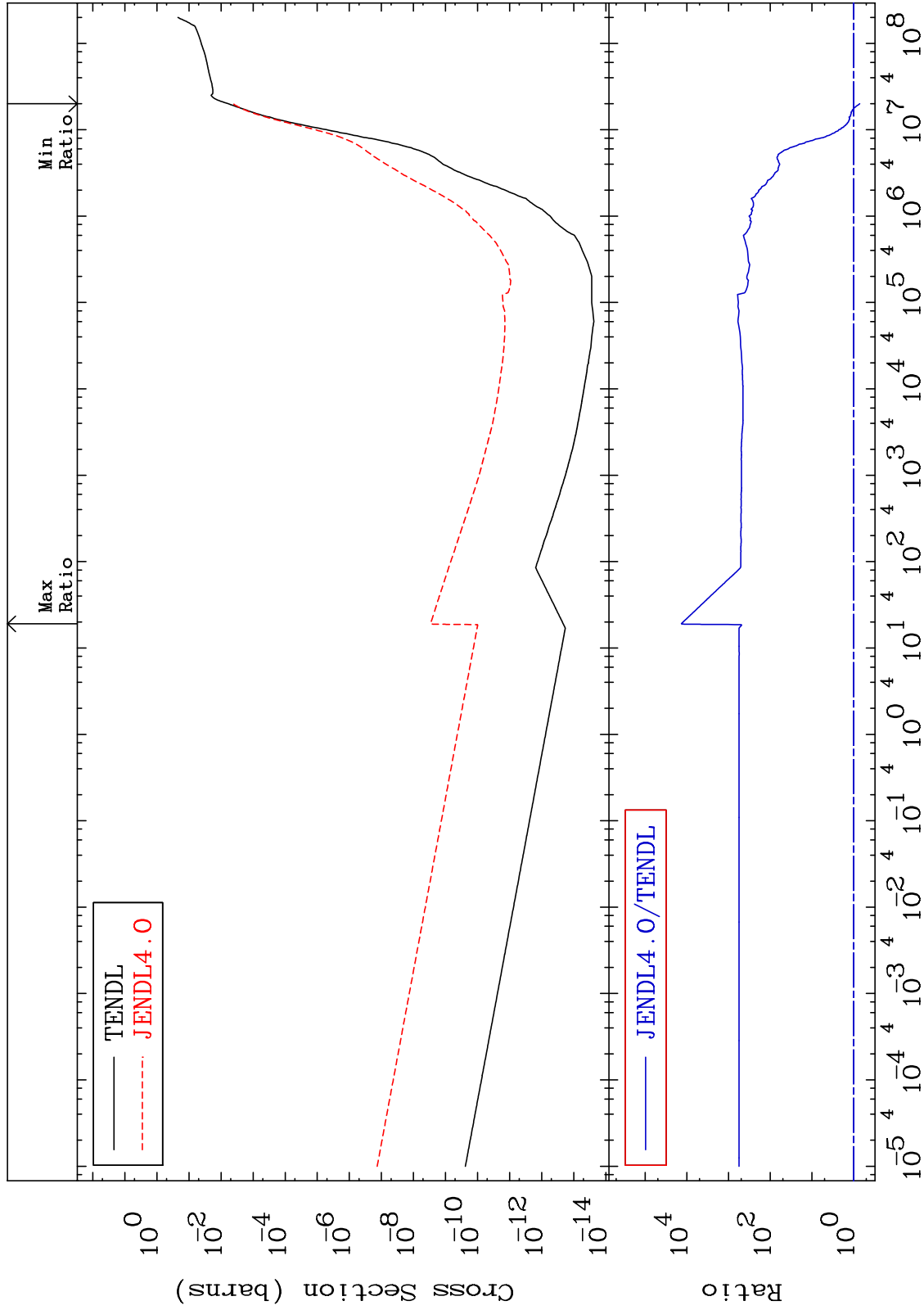
74-W -186
-100.0 To 487.8 %



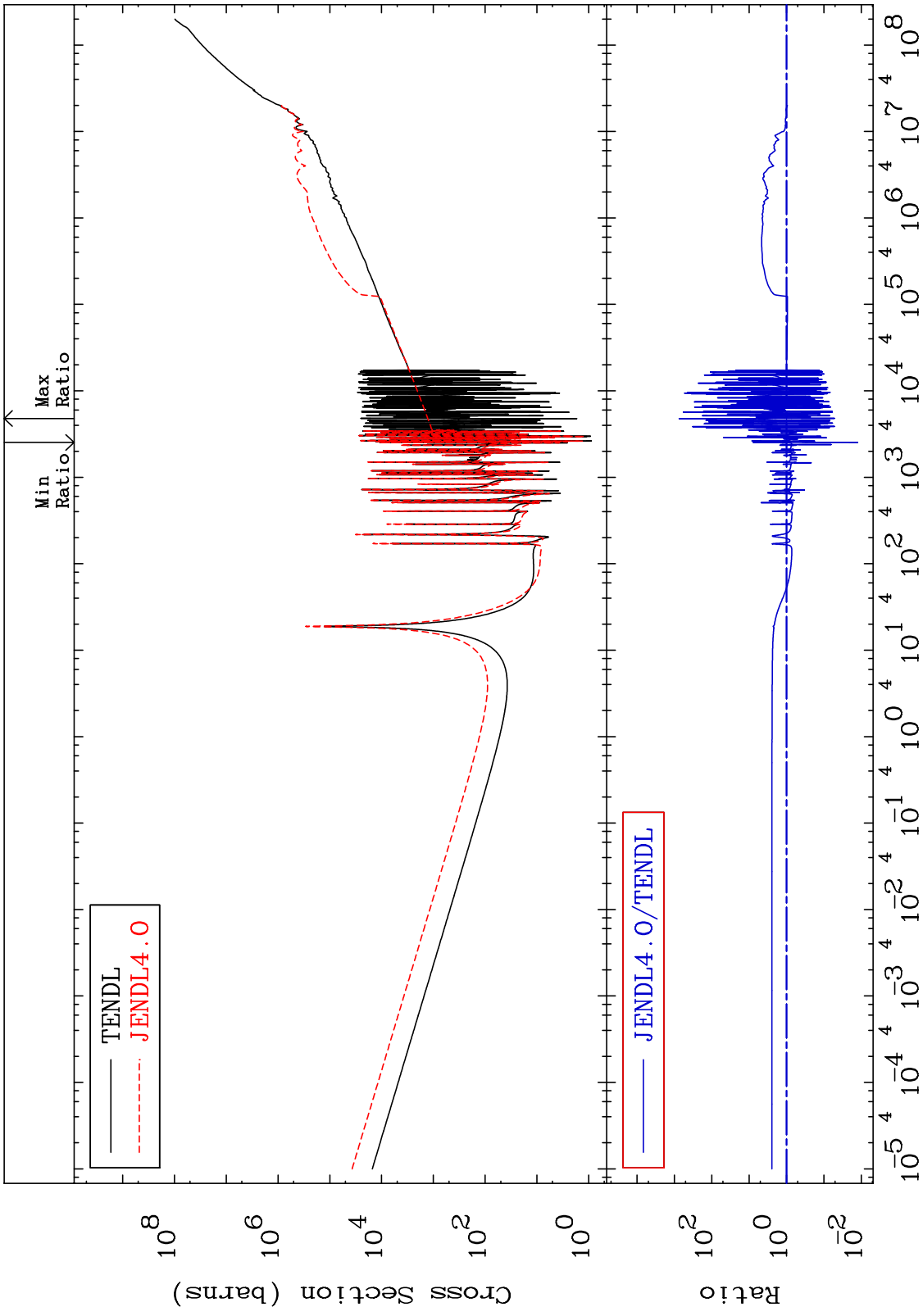
MAT 7443

He-4 Production
Cross Section

74-W -186
-28.73 To 9999. %



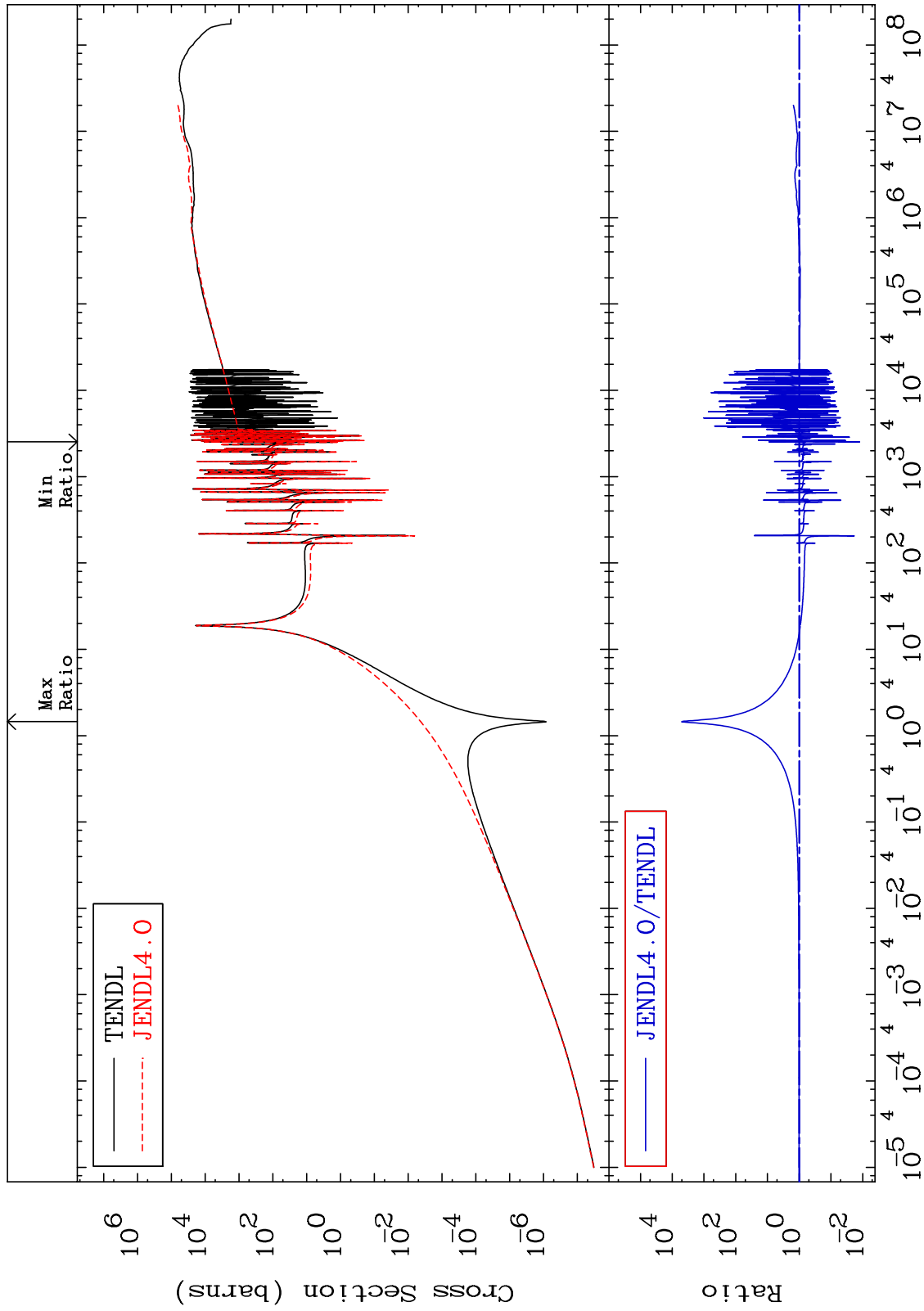
MAT 7443 Kerma total (eV-barns) 74-W -186
 Cross Section -98.77 To 9999. %



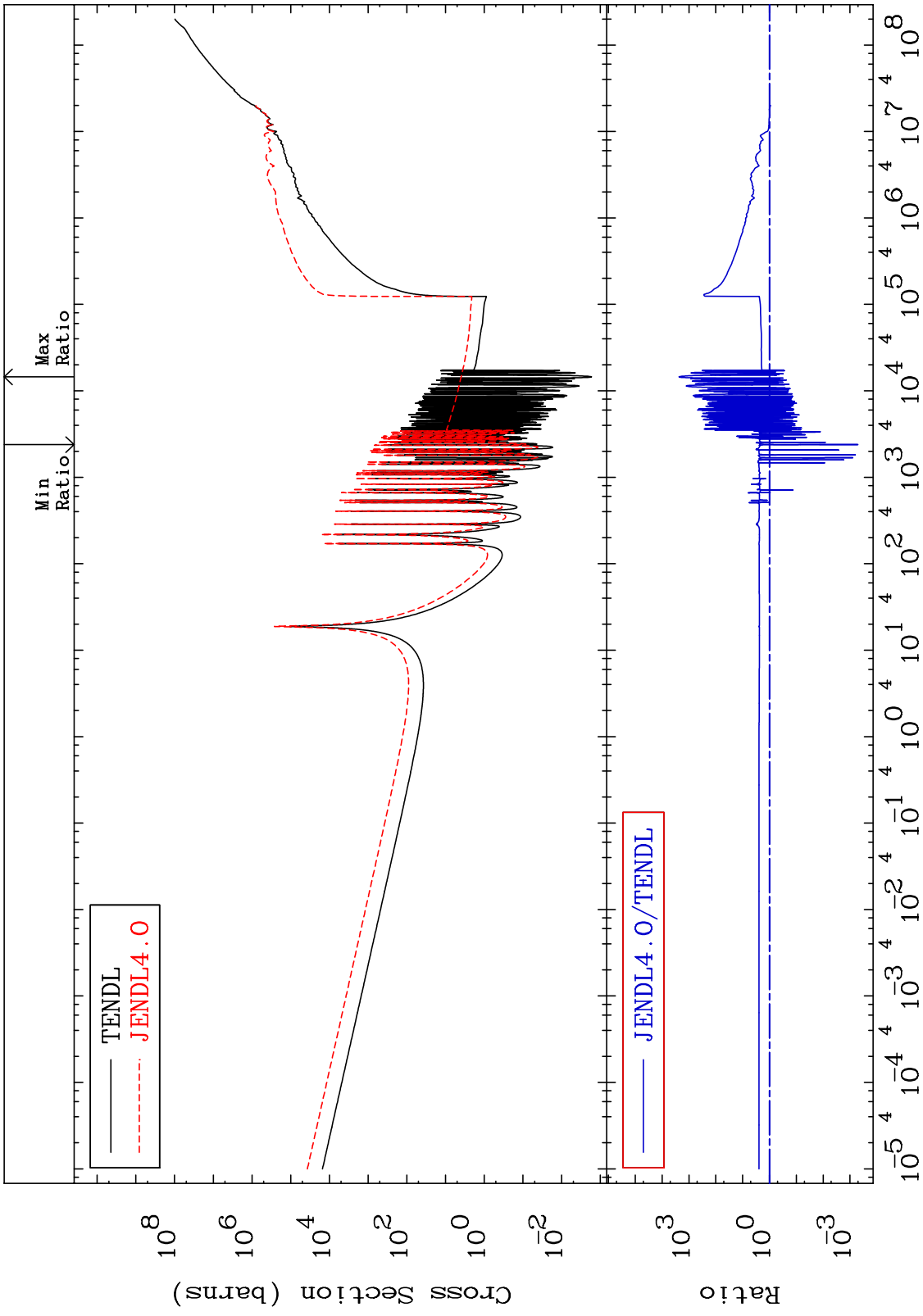
MAT 7443

Kerma elastic
Cross Section

74-W -186
-98.76 To 9999. %



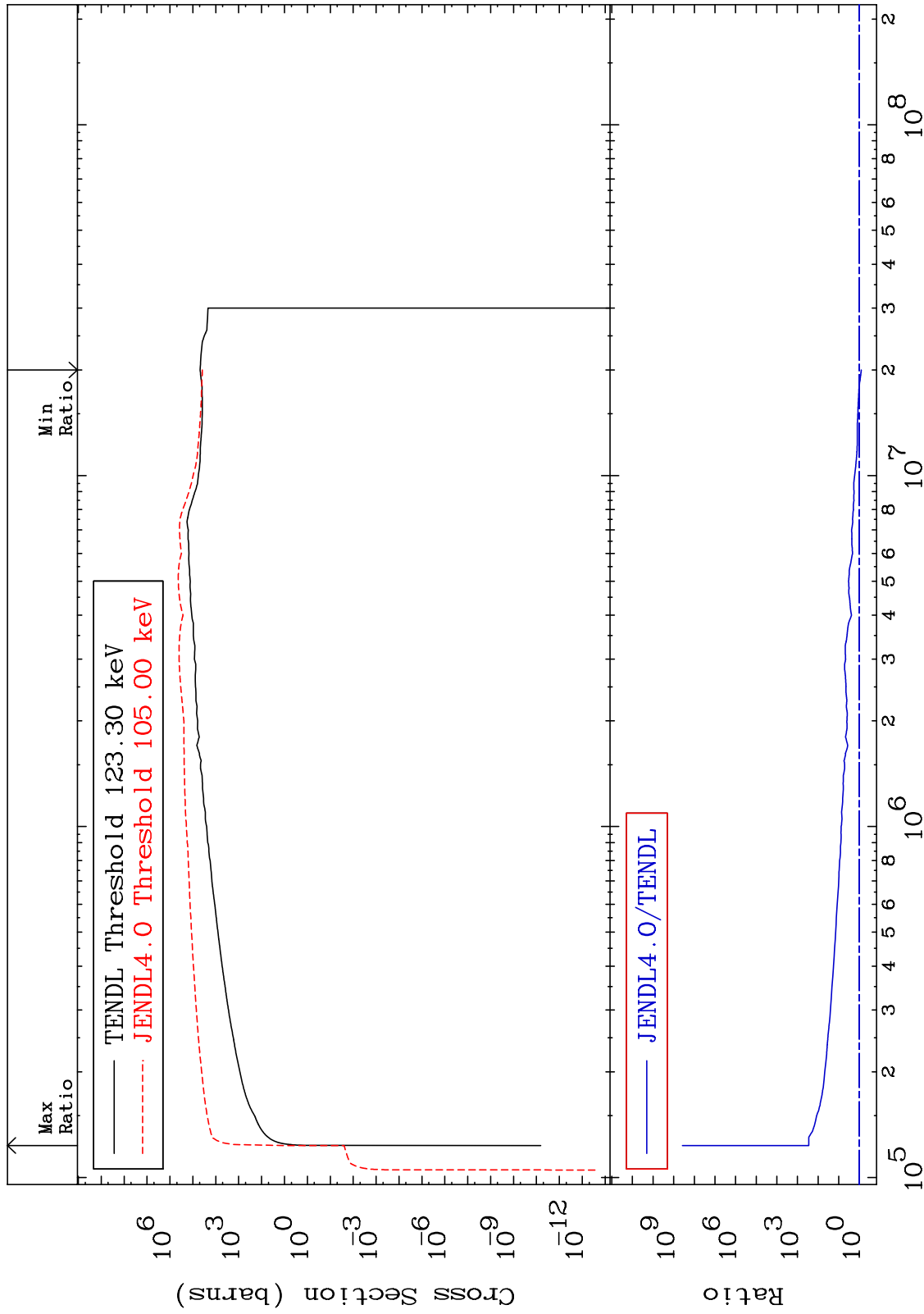
MAT 7443 Kerma non-elastic (all but mt2) Cross Section 74-W -186
 -99.95 To 9999. %



MAT 7443

Kerma inelastic (mt51-91)
Cross Section

74-W -186
-19.59 To 9999. %



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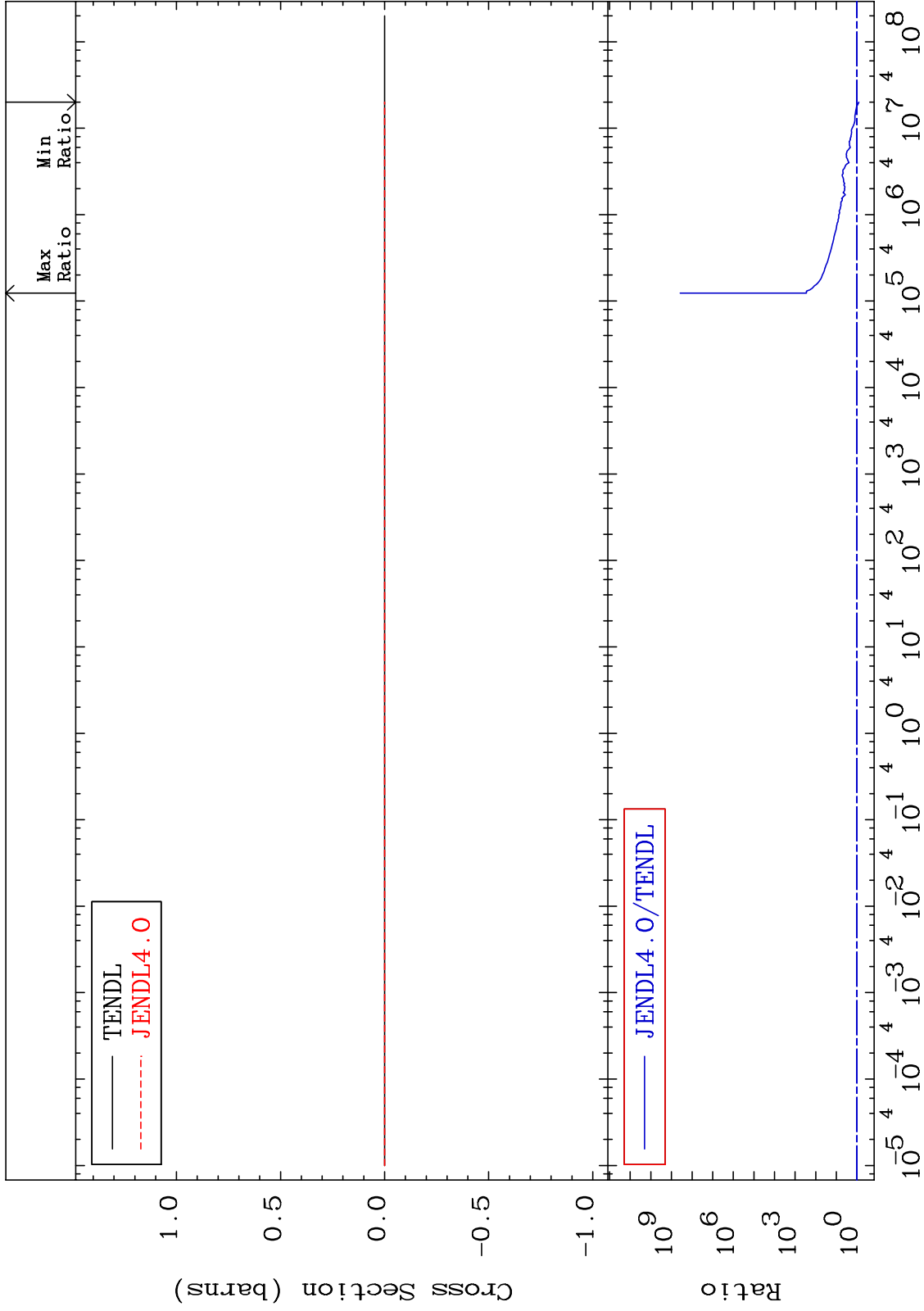
Incident Energy (eV)

74-W -186

MAT 7443

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

74-W -186
-19.59 To 9999. %



40

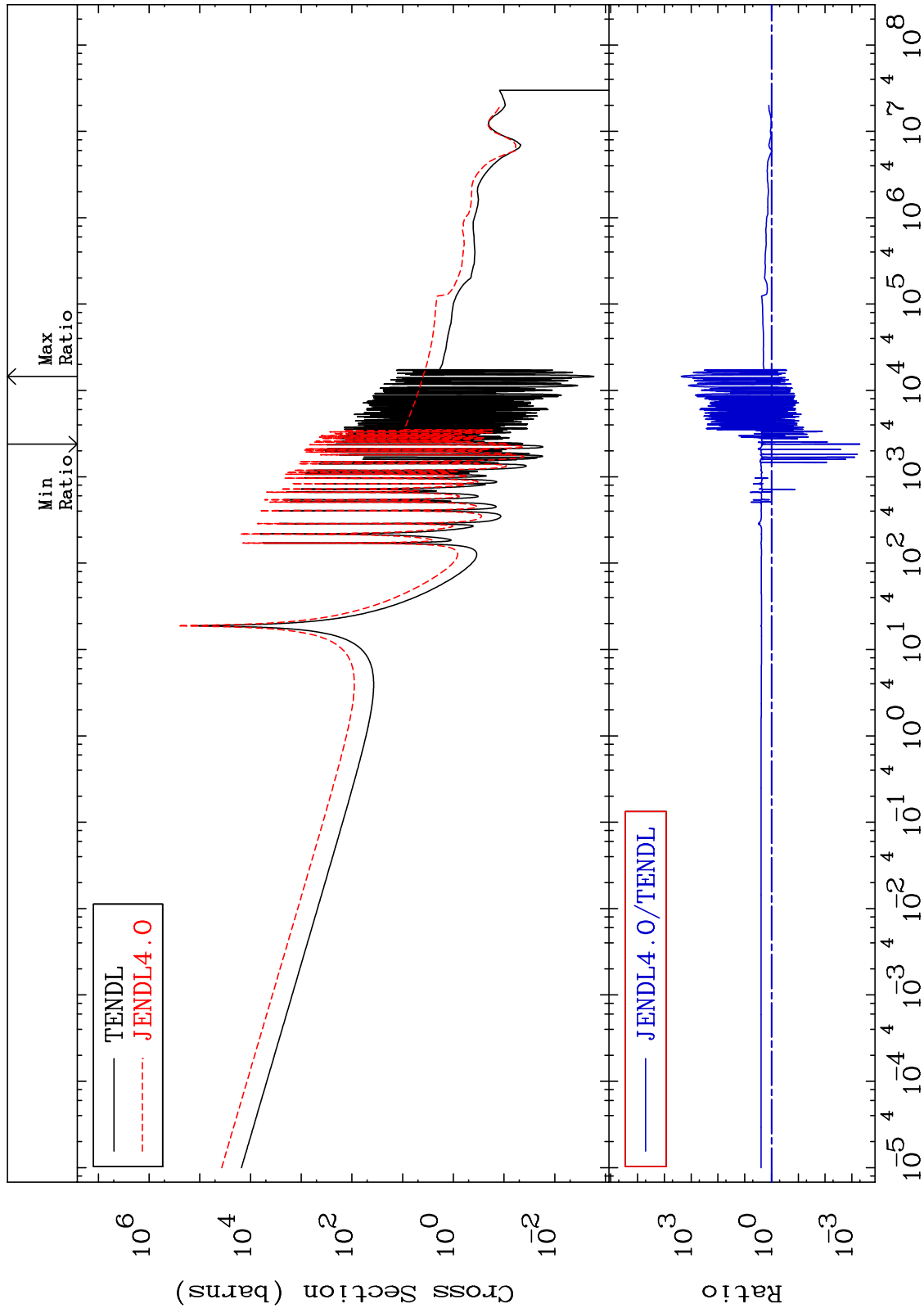
Incident Energy (eV)

74-W -186

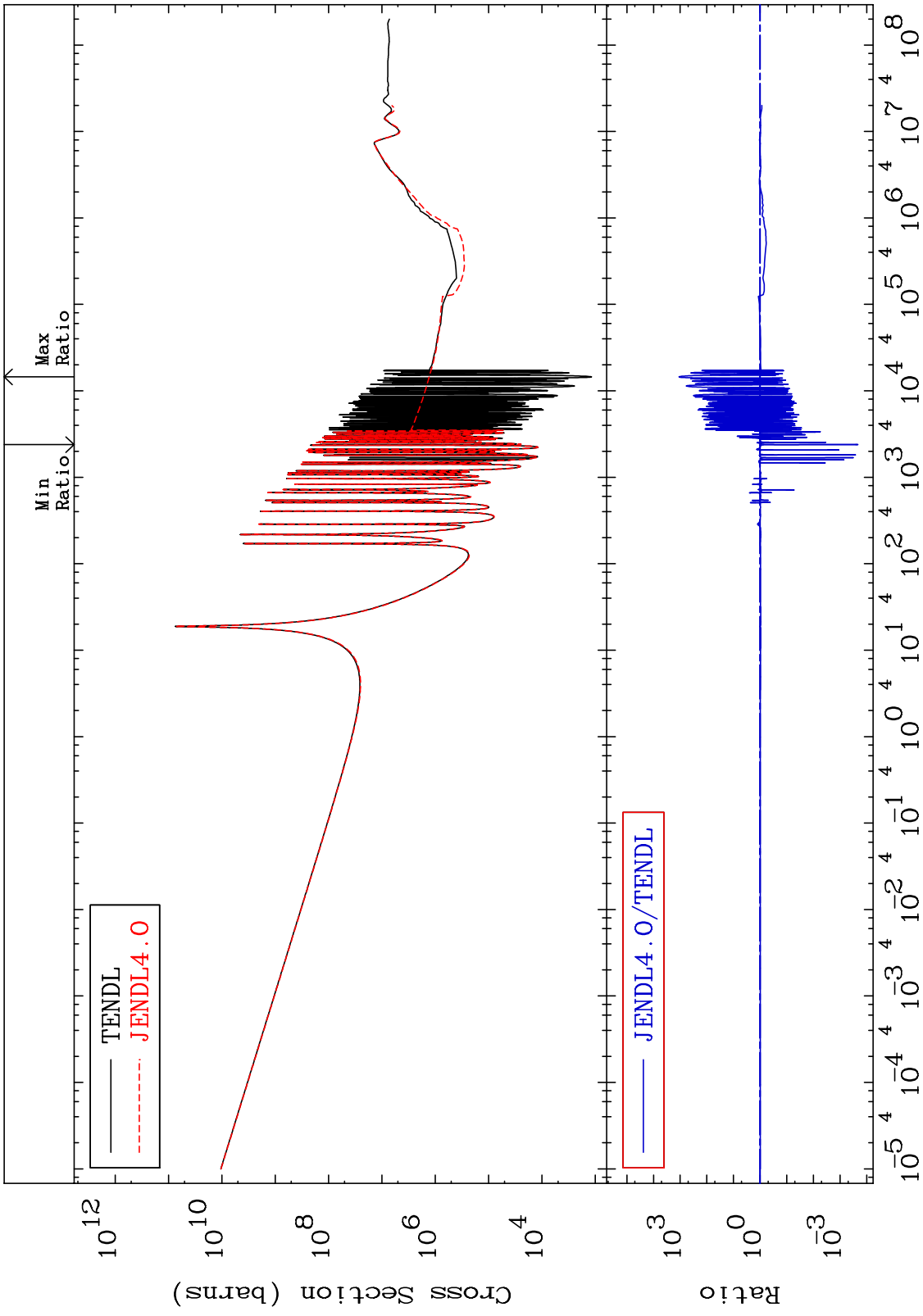
MAT 7443

Kerma capture (mt102)
Cross Section

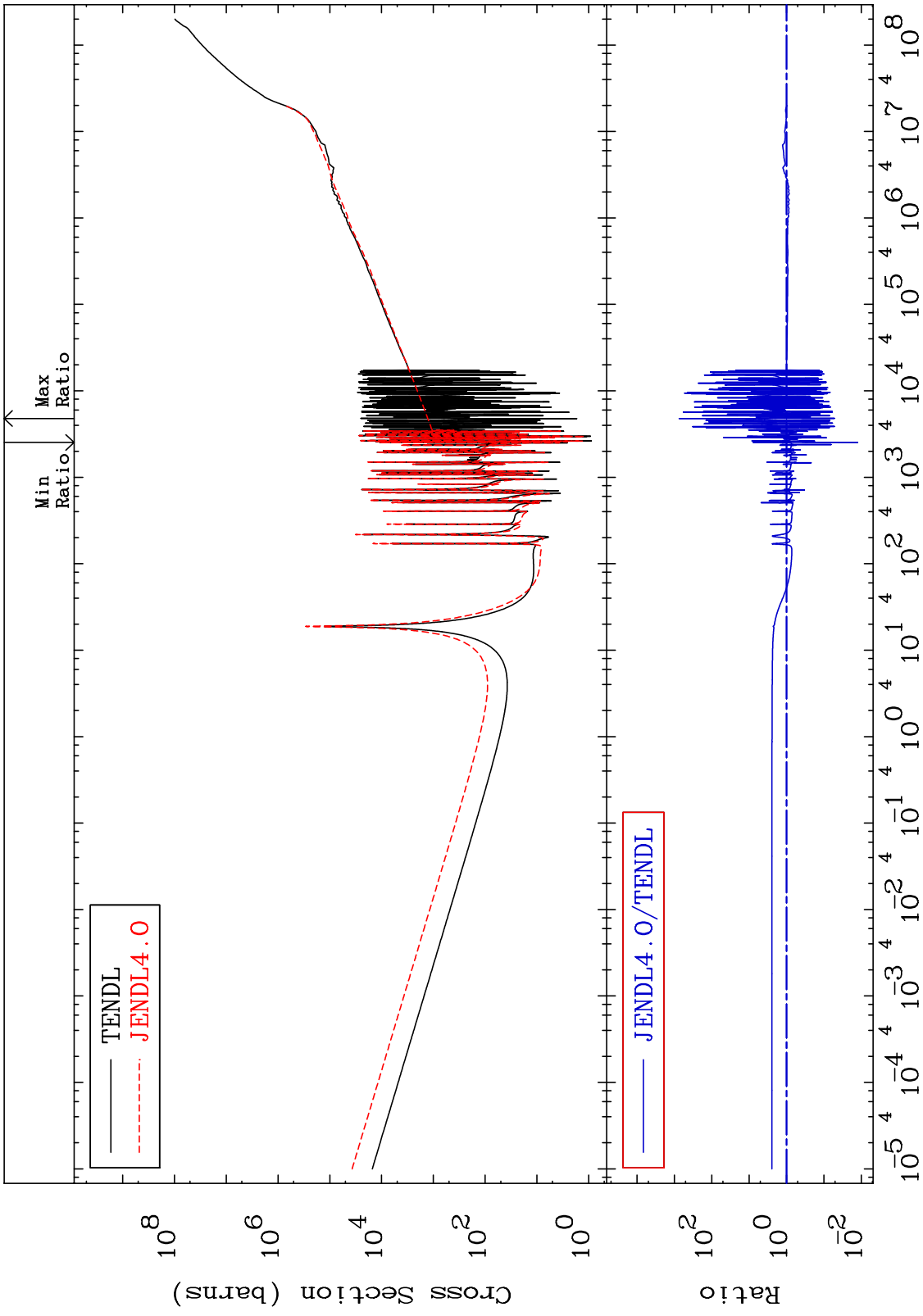
74-W -186
-99.95 To 9999. %



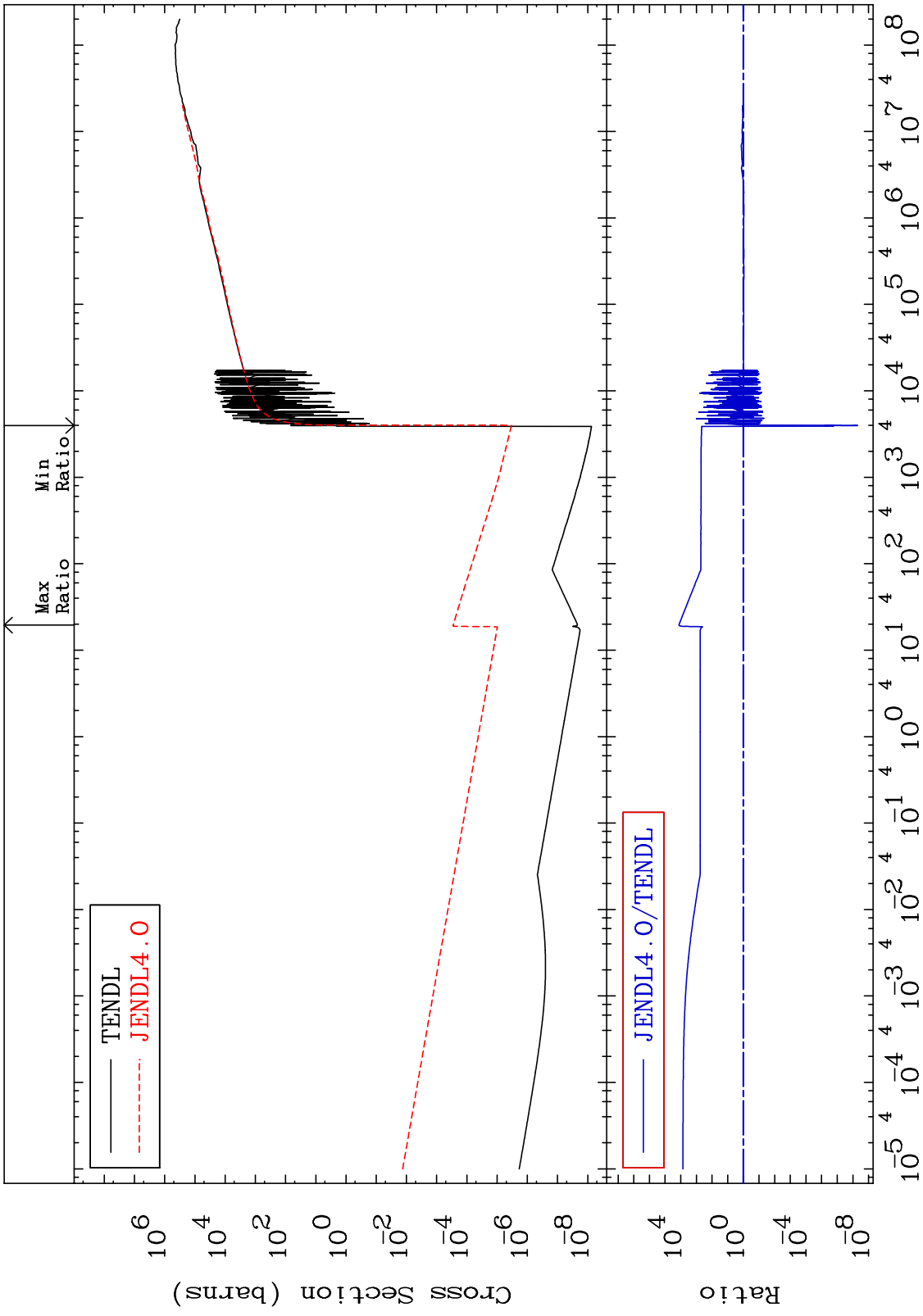
MAT 7443 74-W -186
 Total photon (eV-barns) -99.98 To 9999. %
 Cross Section



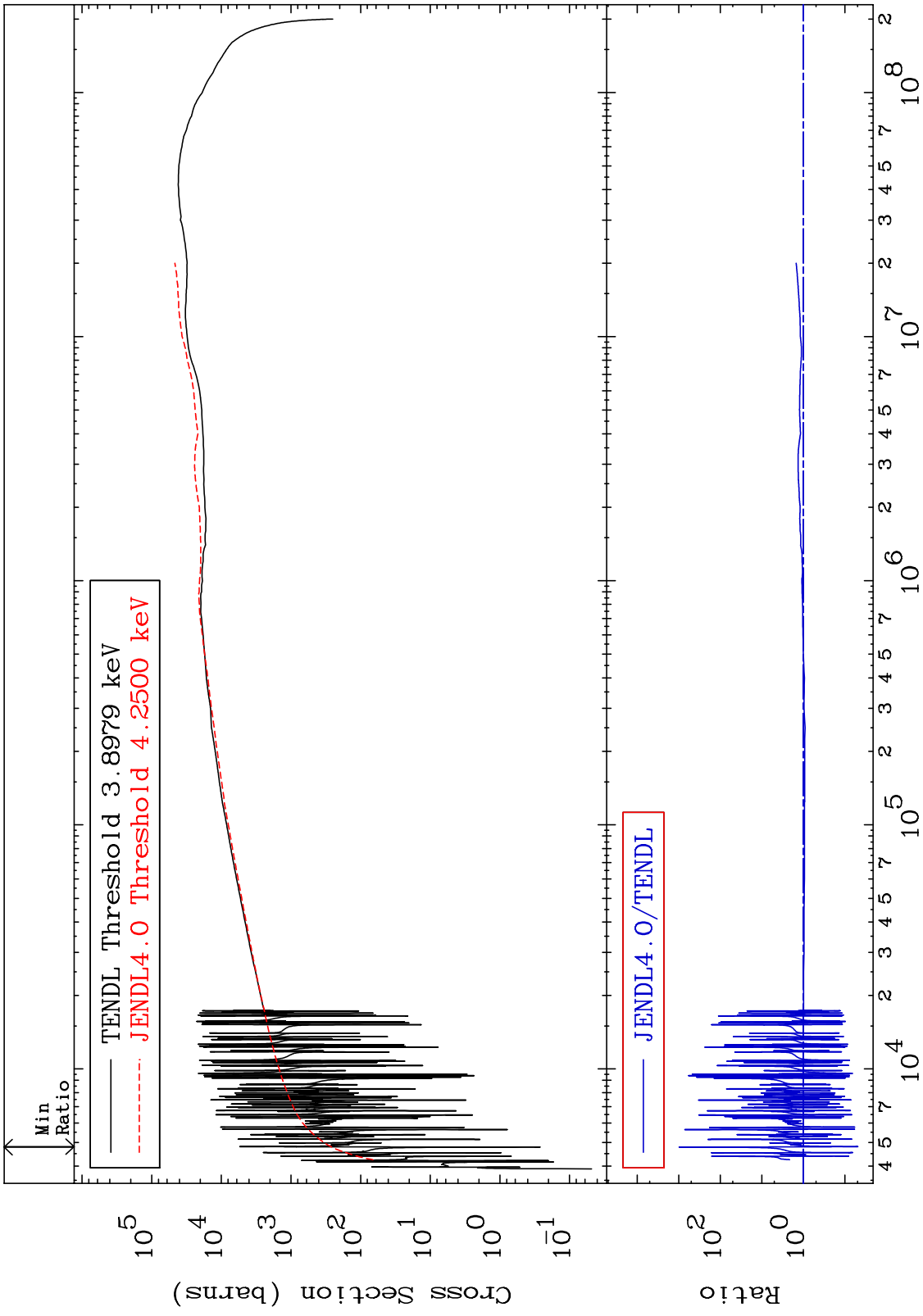
MAT 7443 Total kinematic kerma (high limit) 74-W -186
 Cross Section -98.77 To 9999. %

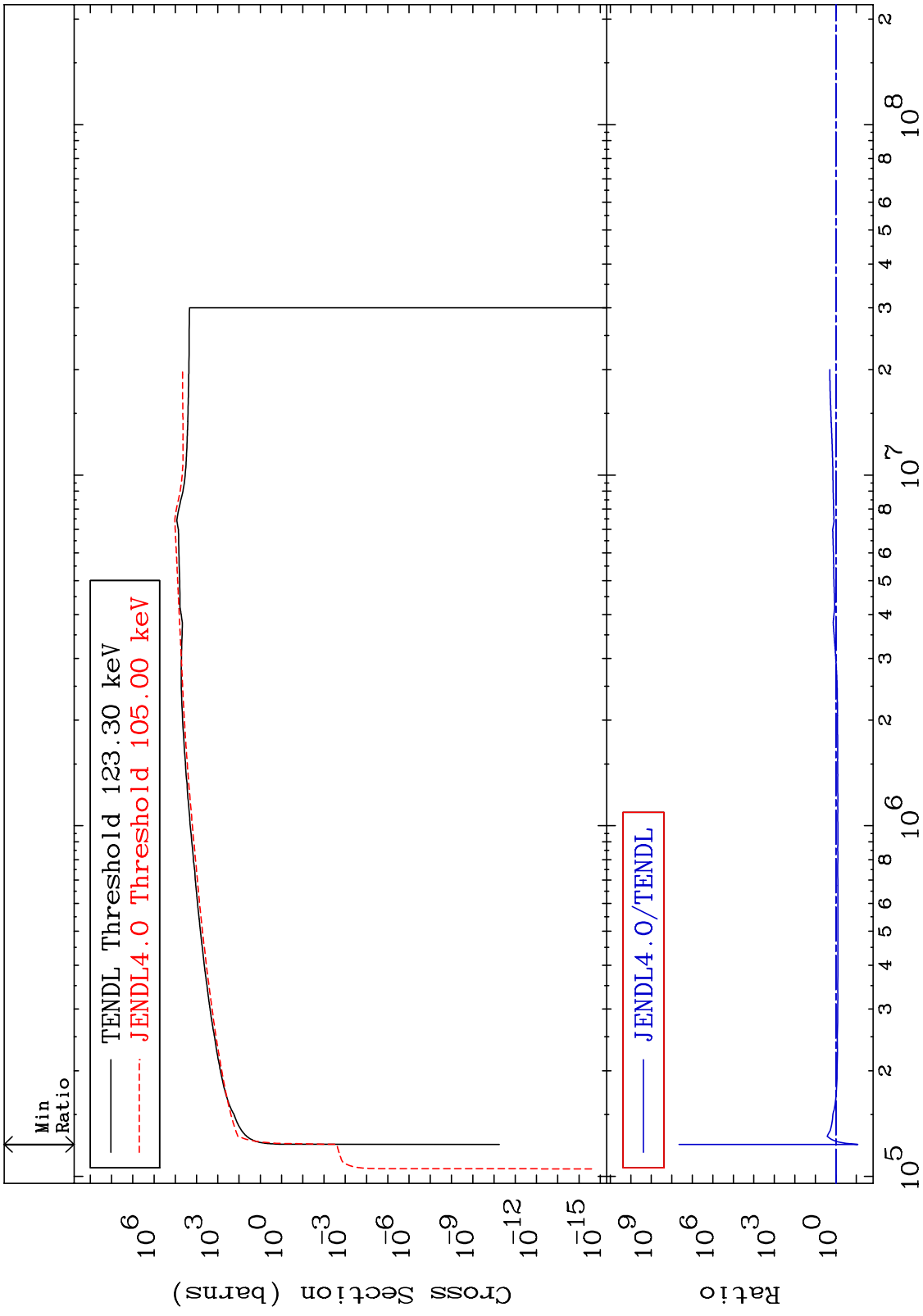


MAT 7443 74-W -186
 Dpa total (eV-barns) -100.0 To 9999. %
 Cross Section



MAT 7443 Dpa elastic (mt2) 74-W -186
 Cross Section -95.09 To 9999. %

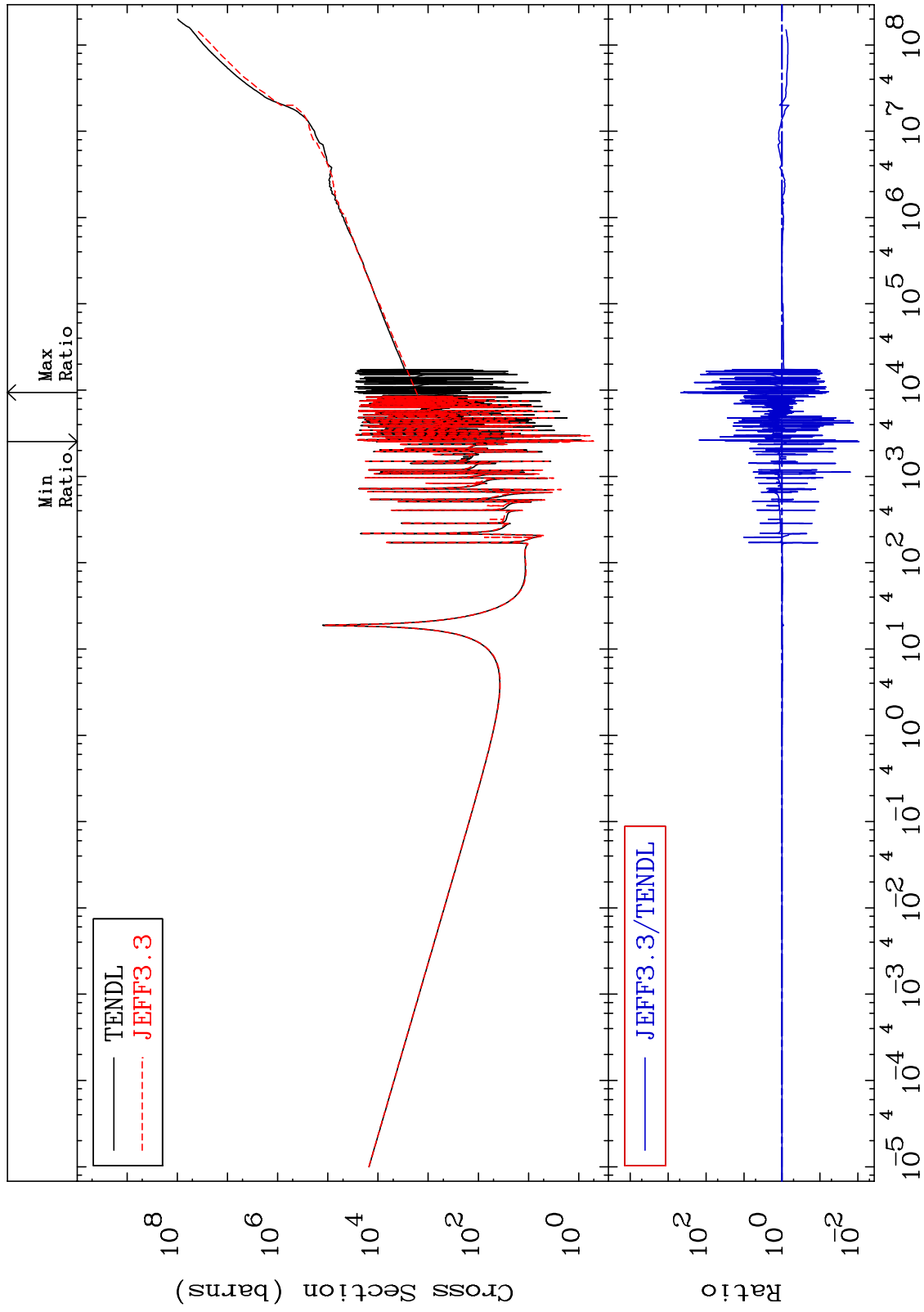




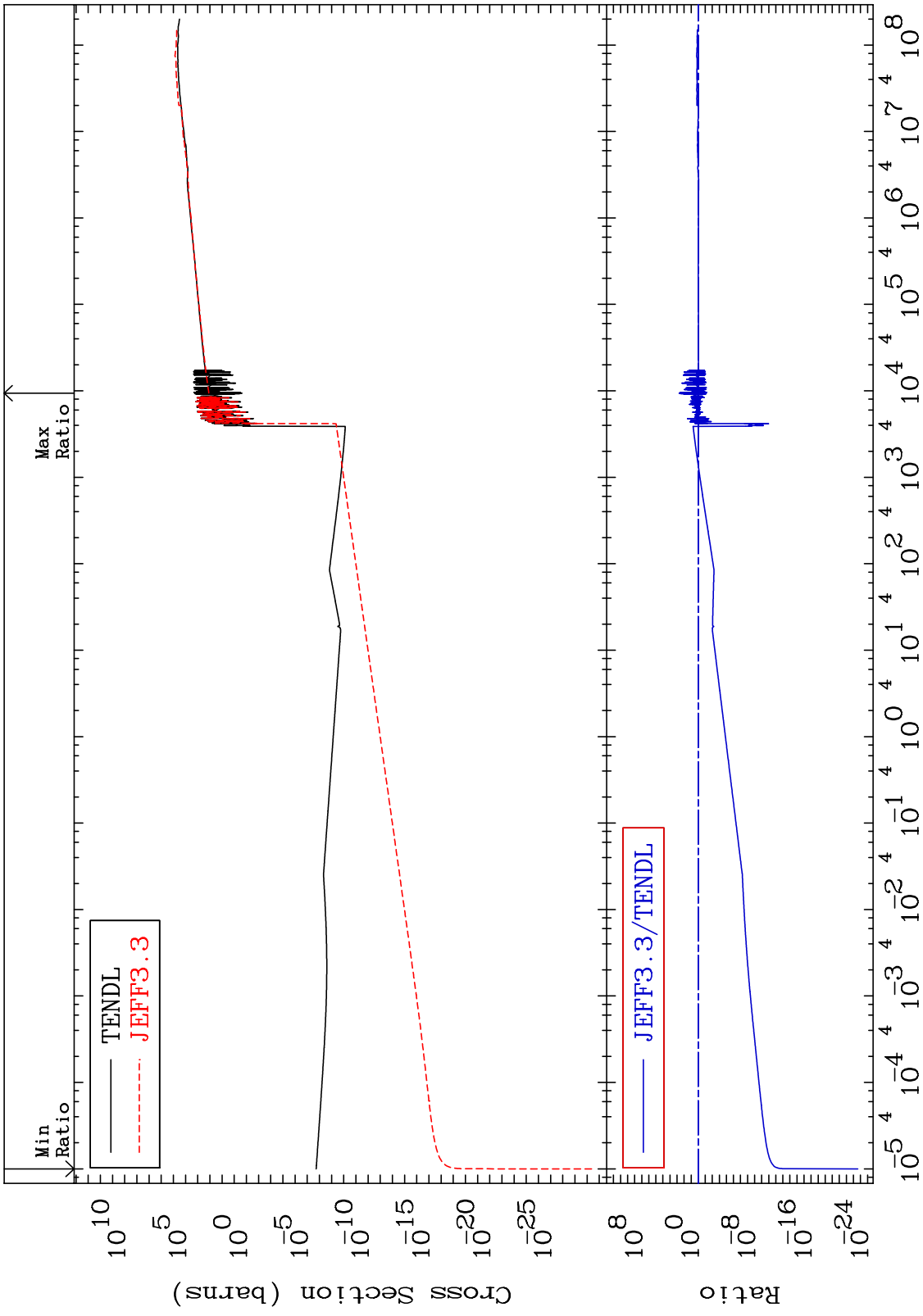
MAT 7443

Total kinematic kerma (high limit)
Cross Section

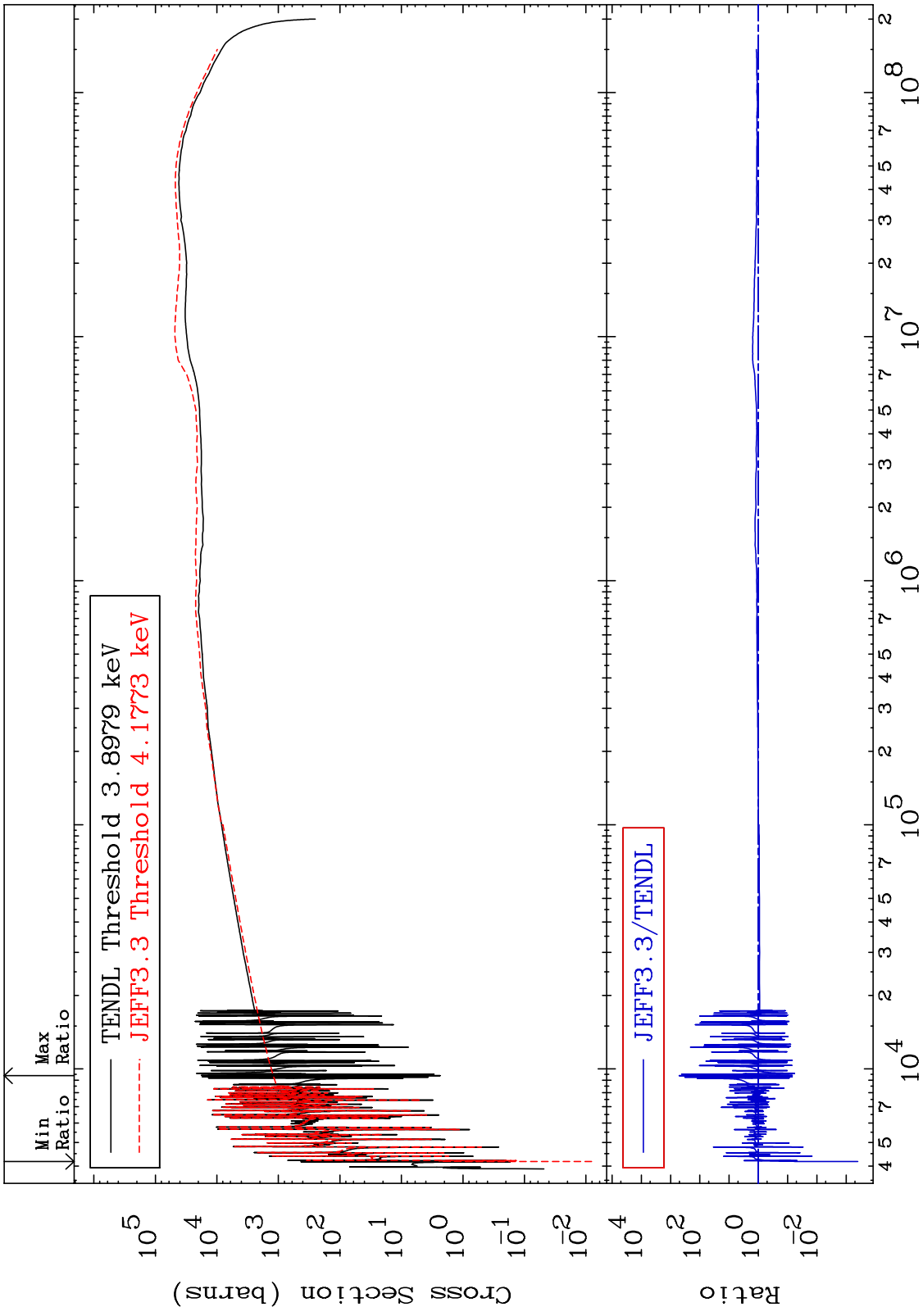
74-W -186
-99.06 To 9999. %



MAT 7443 Dpa total (eV-barns) 74-W -186
 Cross Section -100.0 To 9999. %

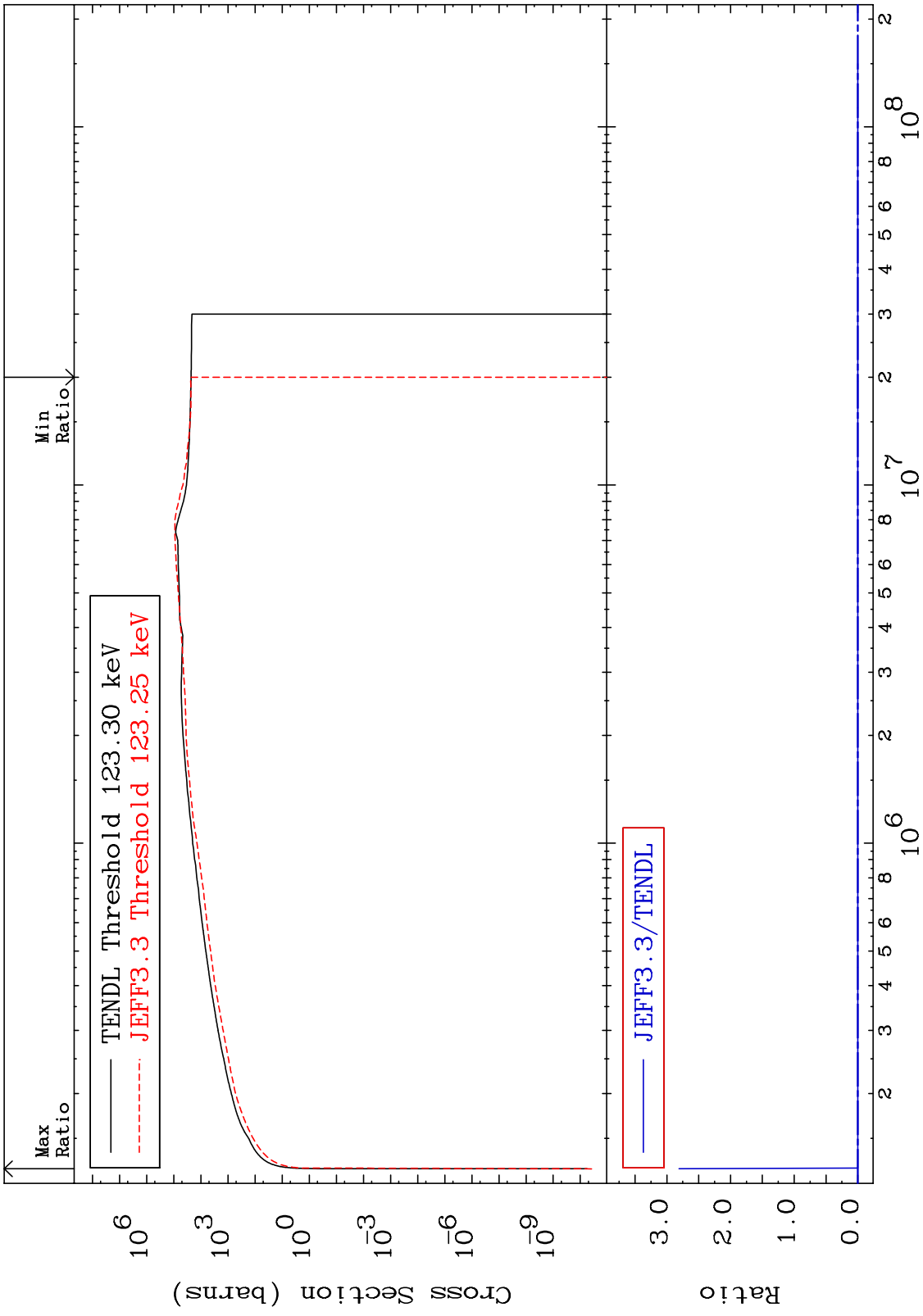


MAT 7443 74-W -186
 Dpa elastic (mt2) -99.96 To 9999. %
 Cross Section



50 74-W -186

MAT 7443 Dpa inelastic (mt51-91) 74-W -186
 Cross Section -100.0 To 9999. %



51 Incident Energy (eV) 74-W -186

MAT 7443 Dpa disappearance (mt102 -120) 74-W -186
 Cross Section -100.0 To 6021. %

