

Program Complot
(Version 2021-1)

by

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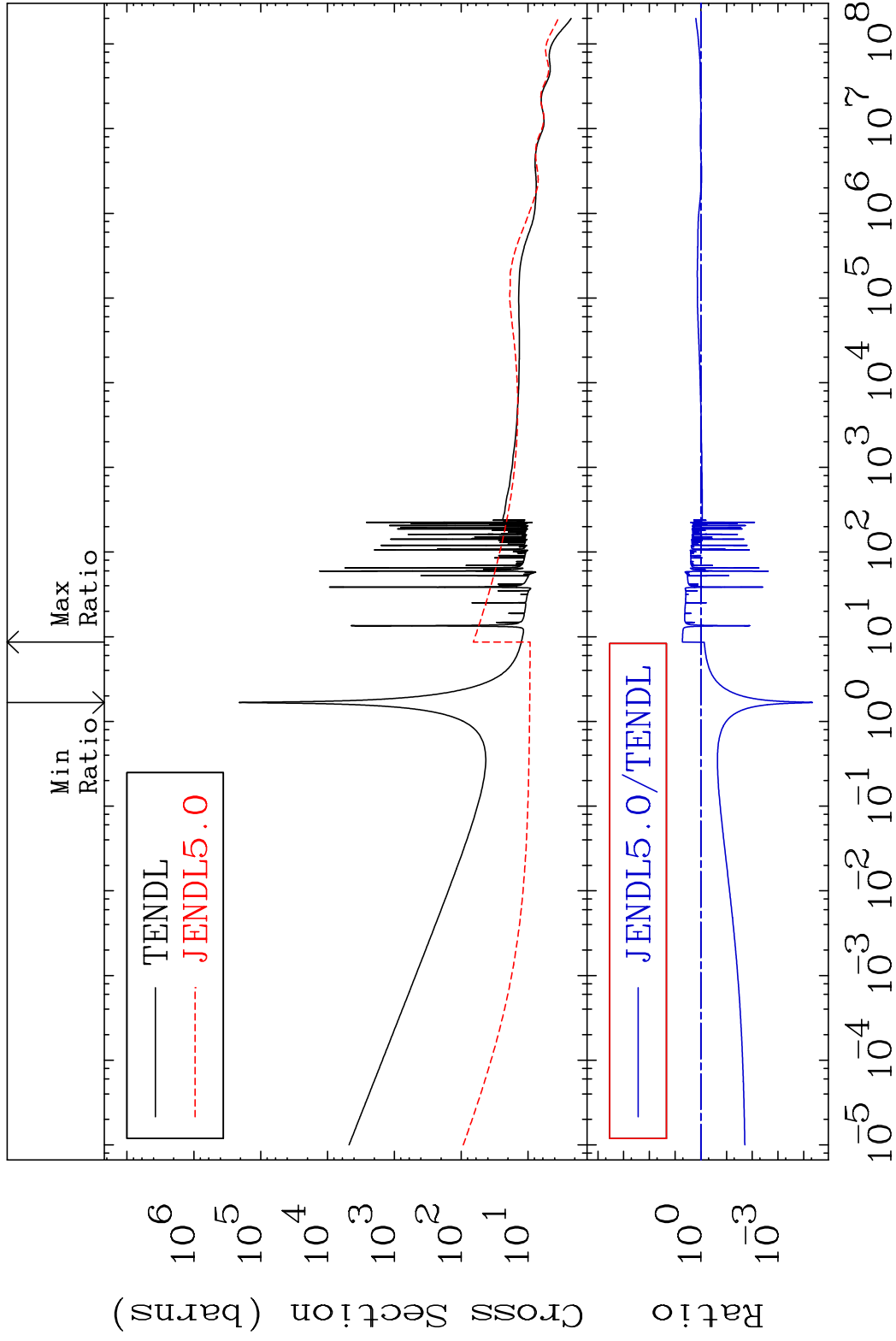
Press Mouse Button to Start

MAT 9933

Total

100-Fm-252

Cross Section -100.0 To 421.7 %



1

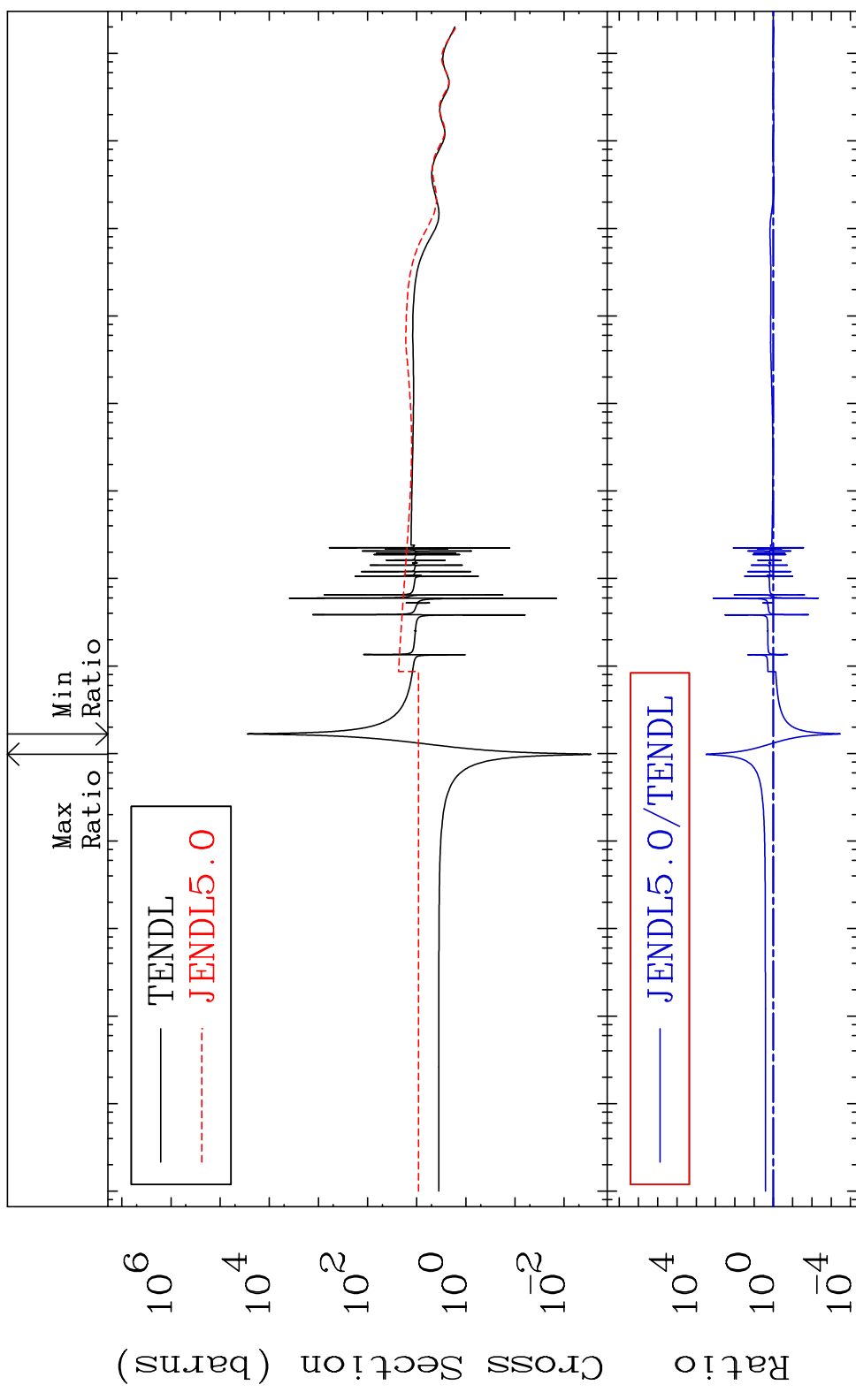
Incident Energy (eV)

100-Fm-252

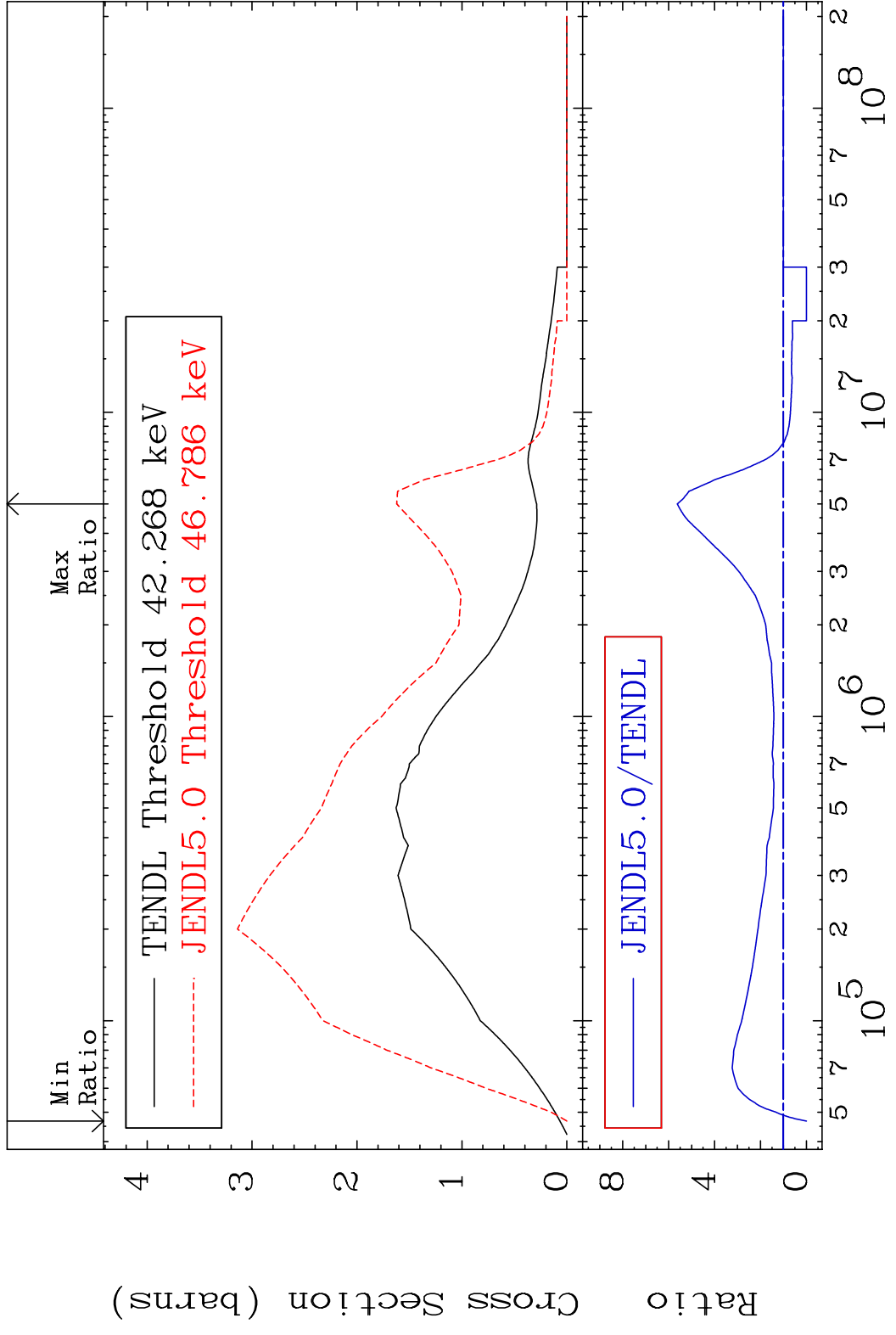
MAT 9933

Elastic
Cross Section -99.97 To 9999. %

100-Fm-252

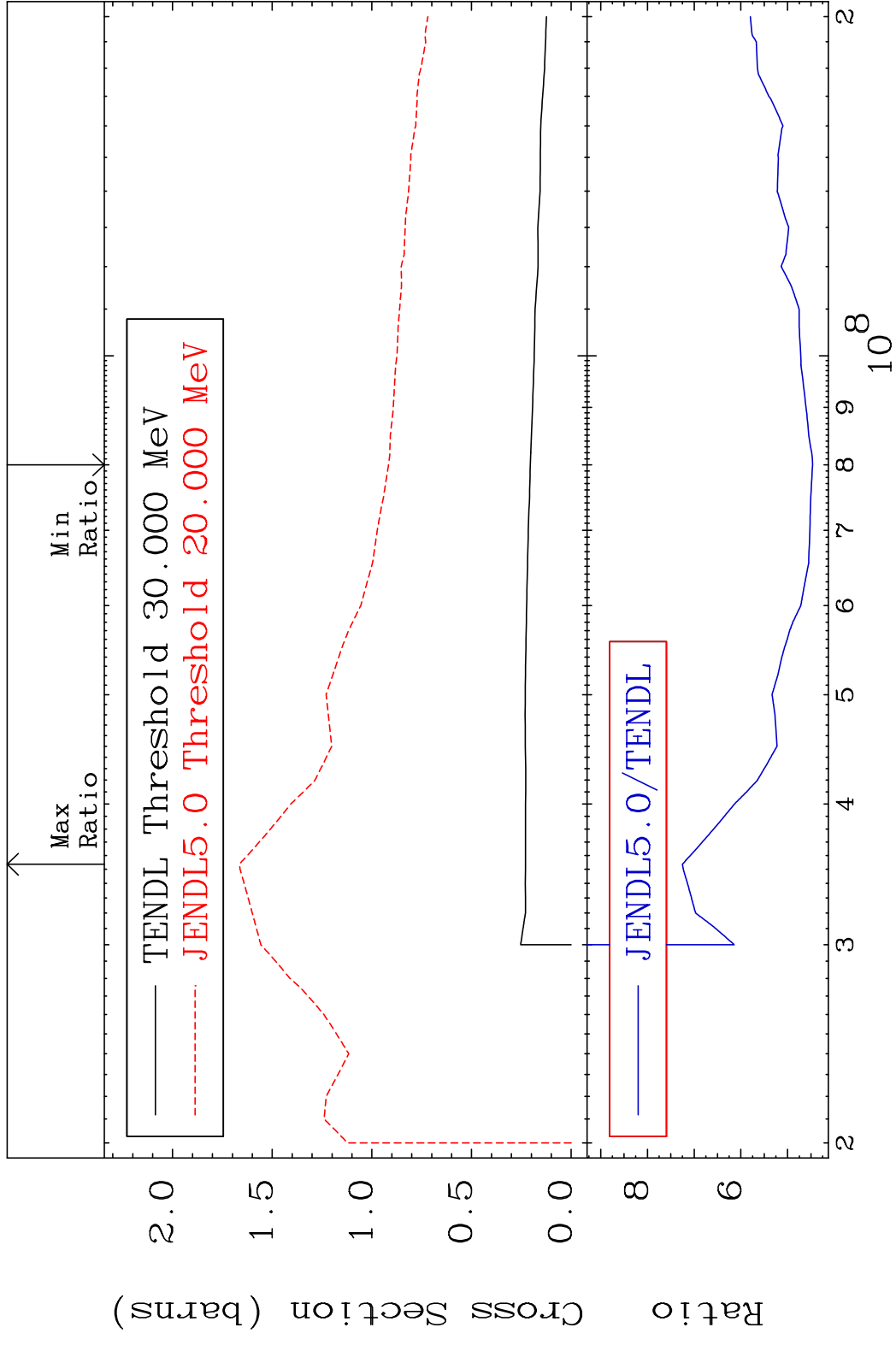


MAT 9933 Inelastic 100-Fm-252
 Cross Section -100.0 To 462.8 %



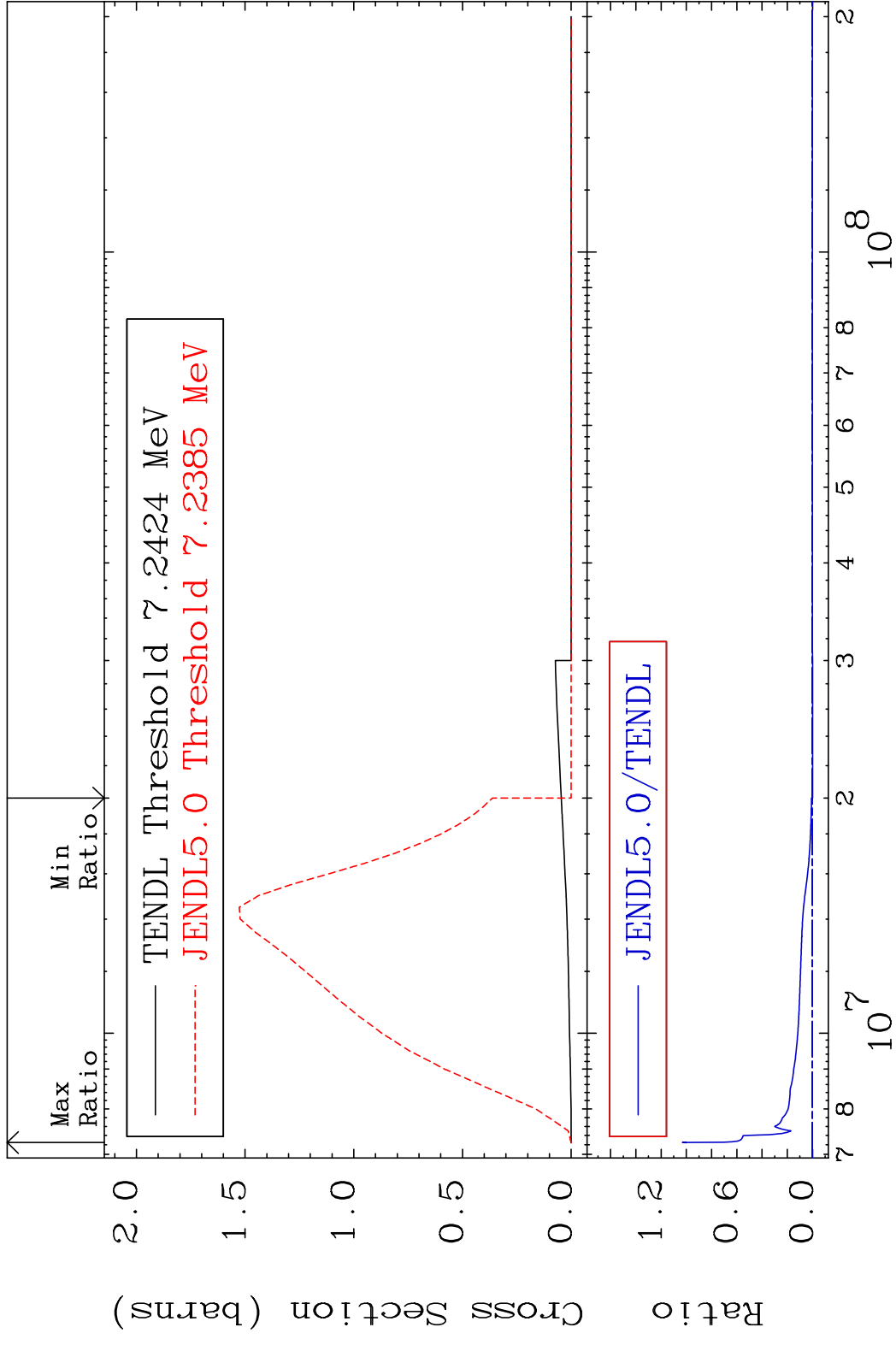
3 Incident Energy (eV) 100-Fm-252

MAT 9933 (n, remainder) 100-Fm-252
 Cross Section 346.7 To 625.2 %



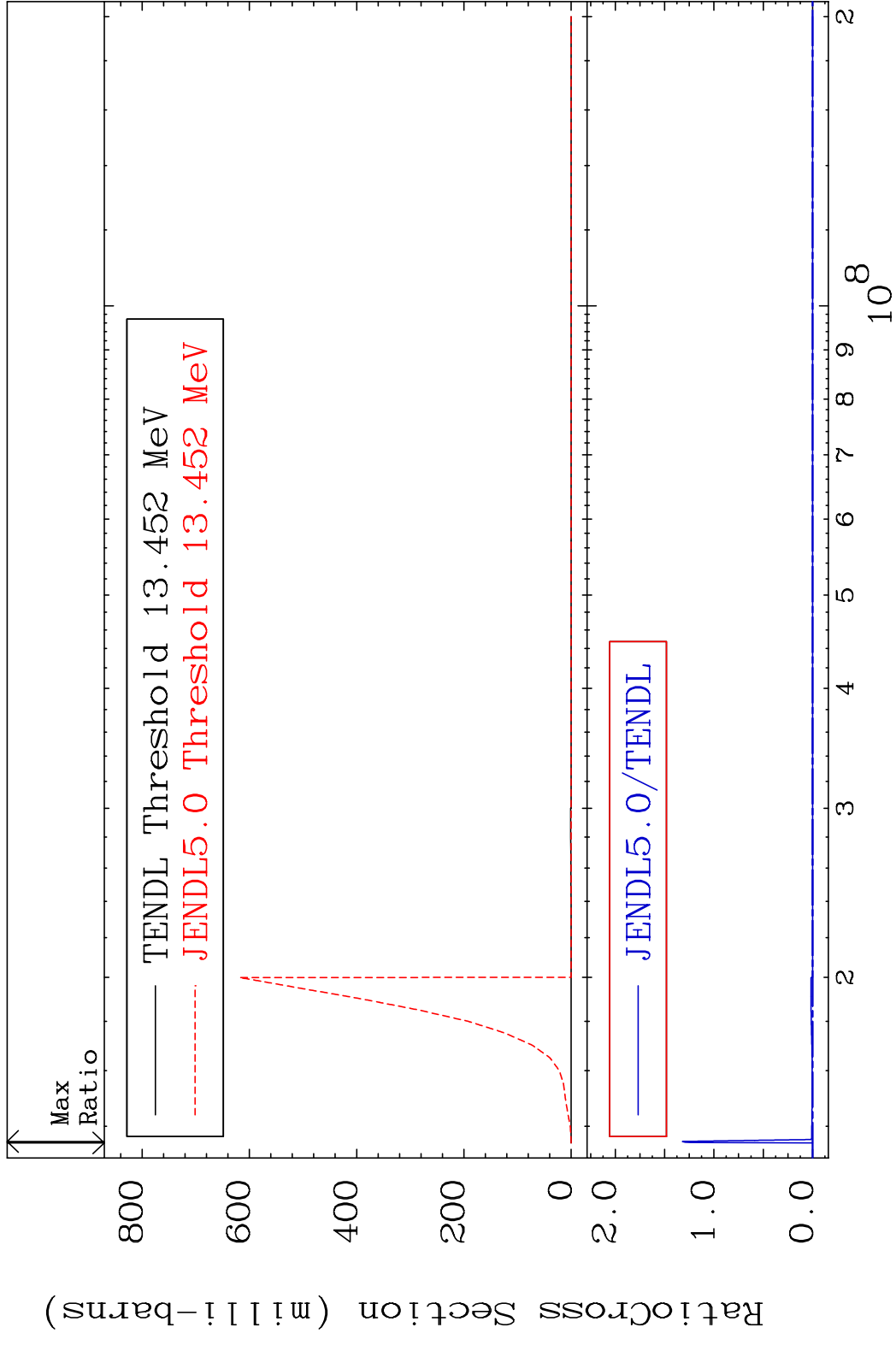
4 Incident Energy (eV) 100-Fm-252

MAT 9933 (n,2n) 100-Fm-252
 Cross Section -100.0 To 9999. %



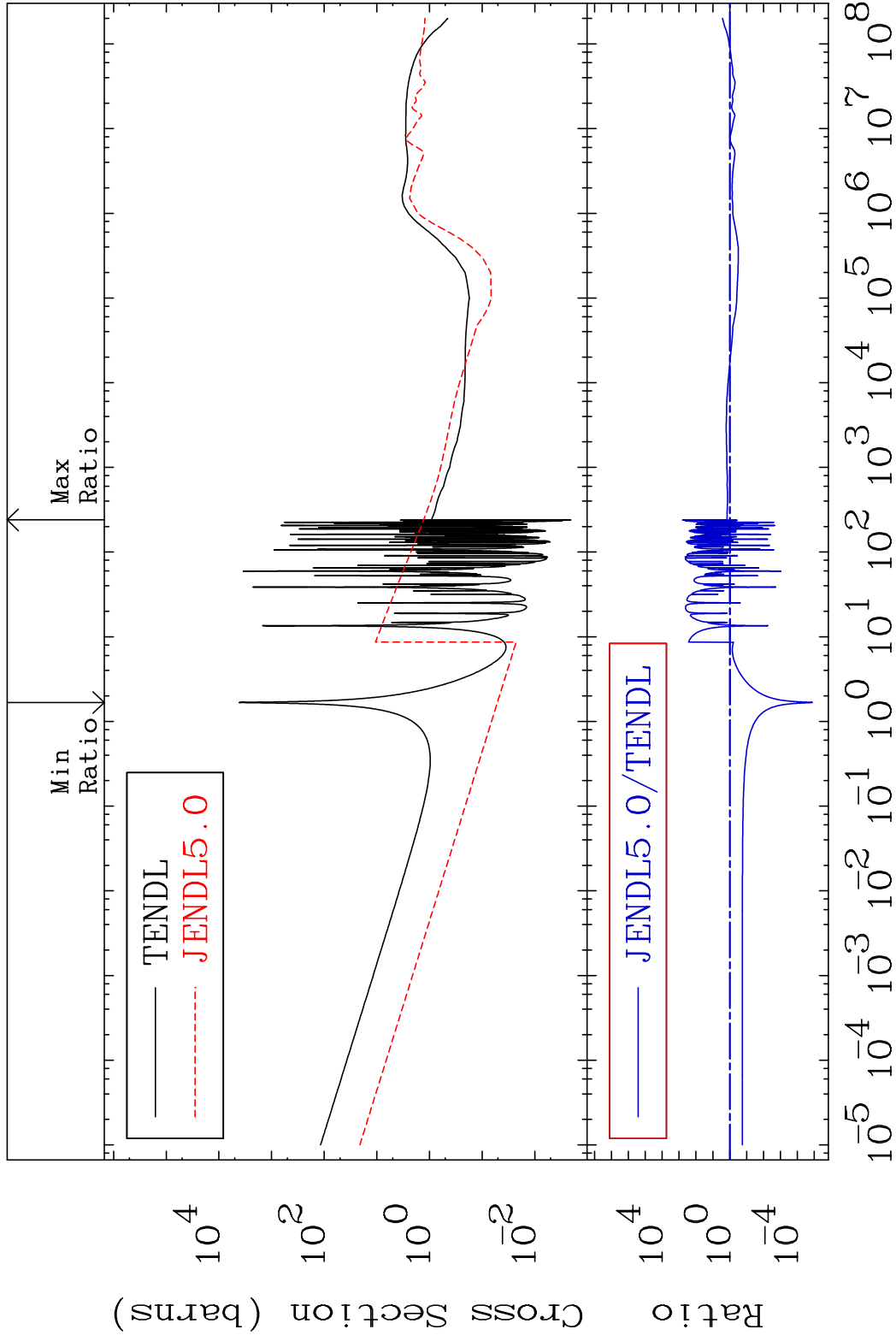
5 Incident Energy (eV) 100-Fm-252

MAT 9933 (n,3n) 100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933

Fission Cross Section -100.0 To 9999. %
100-Fm-252



MAT 9933

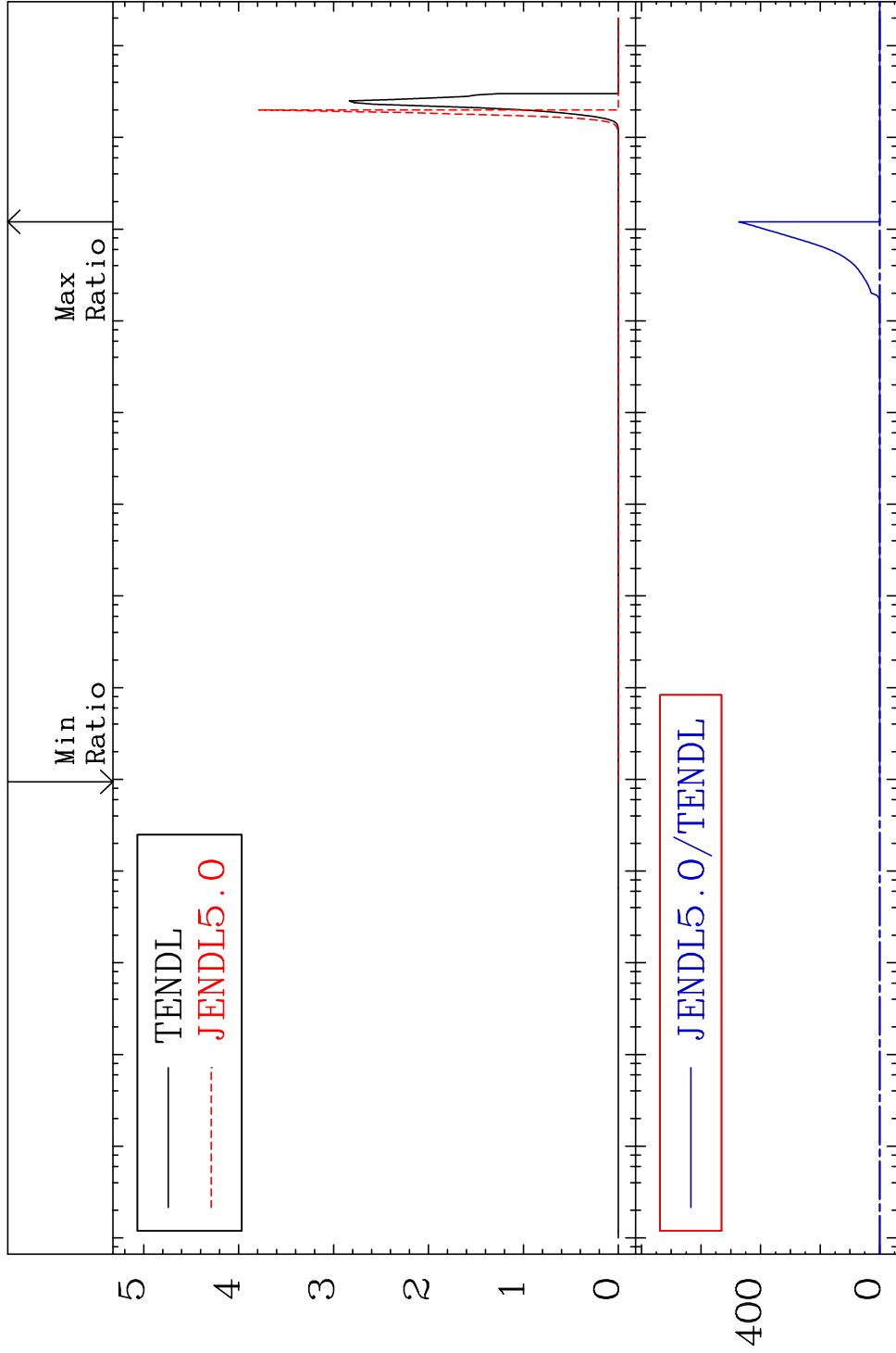
(n, n') α

Cross Section -100.0 To 9999. %

100-Fm-252

To 9999. %

RatioCross Section (milli-barns)



TENDL
JENDL5.0

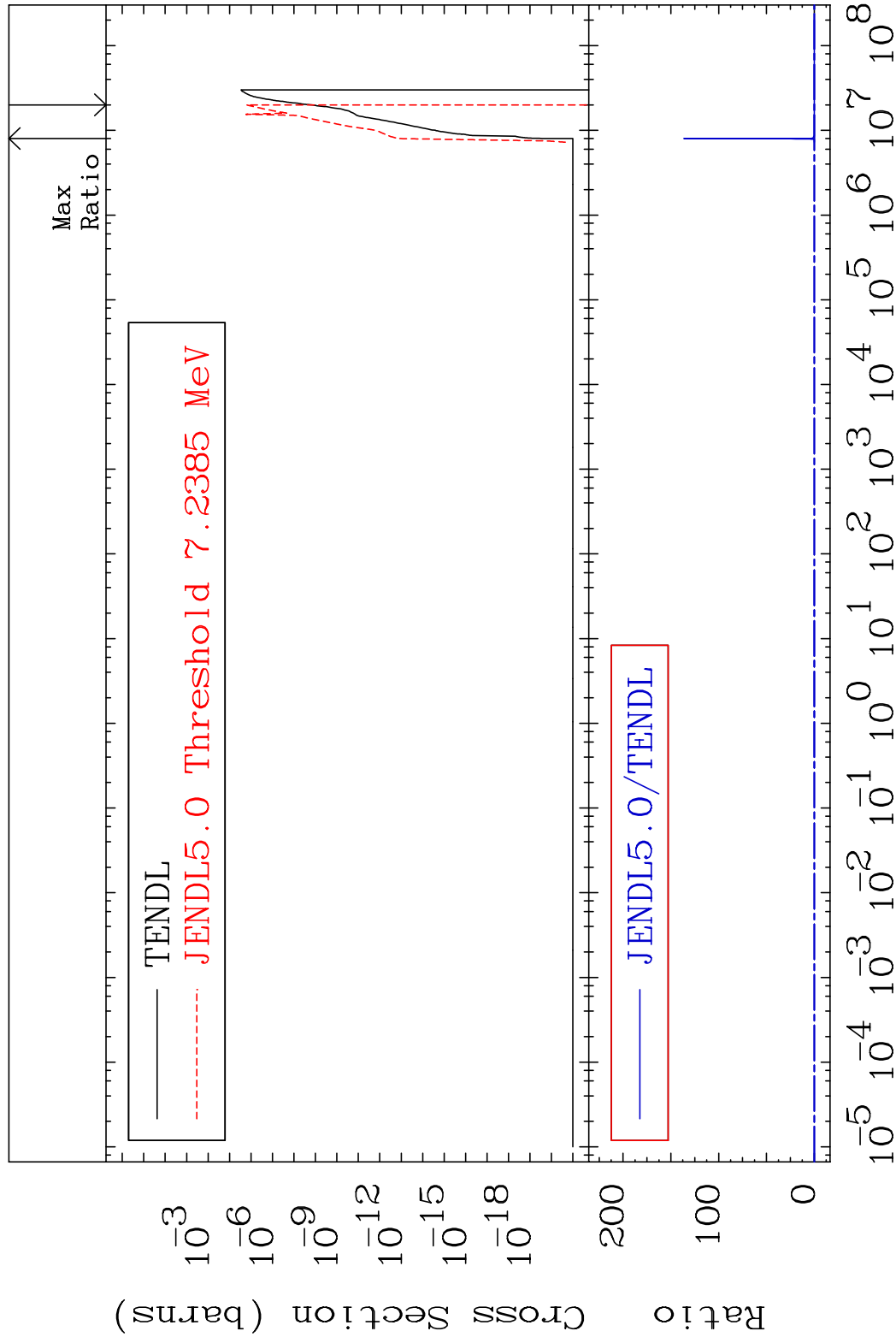
JENDL5.0/TENDL

MAT 9933

(n,2n) α

100-Fm-252

Cross Section -100.0 To 9999. %

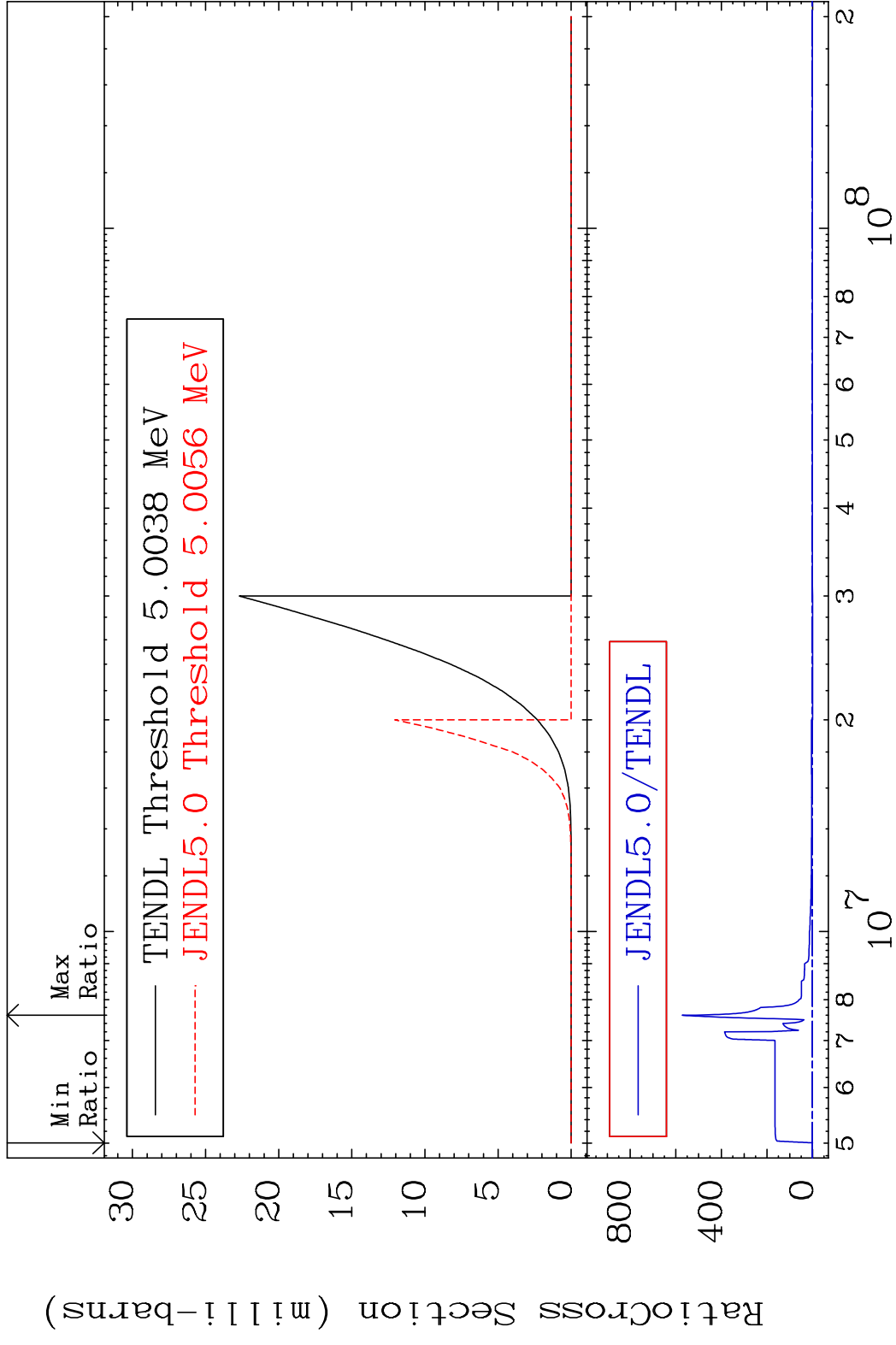


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Incident Energy (eV)

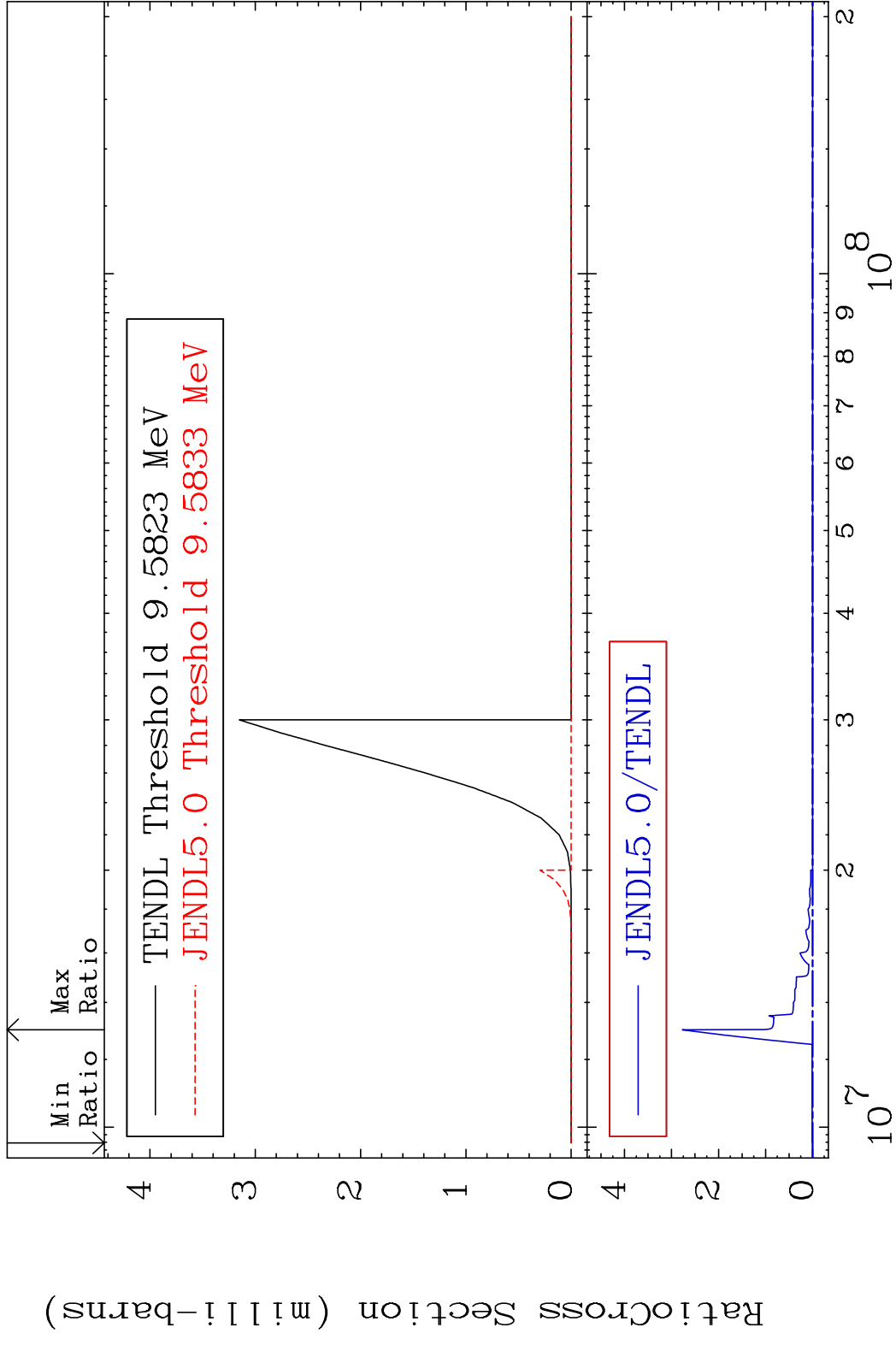
100-Fm-252

MAT 9933 (n, n') p 100-Fm-252
 Cross Section -100.0 To 9999. %



10 100-Fm-252

MAT 9933 (n, n') d 100-Fm-252
 Cross Section -100.0 To 9999. %



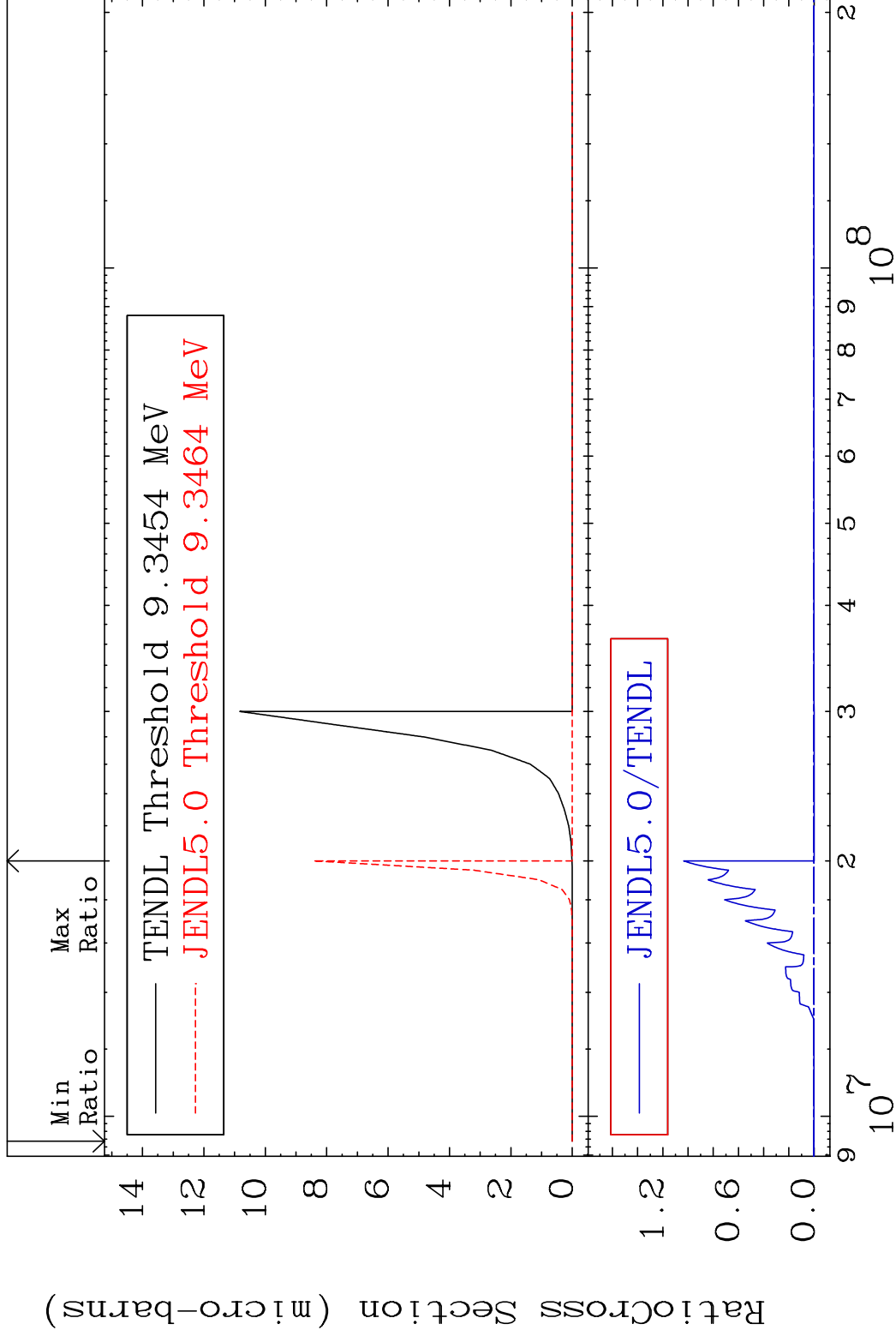
11 Incident Energy (eV) 100-Fm-252

MAT 9933

(n, n') t

100-Fm-252

Cross Section -100.0 To 9999. %

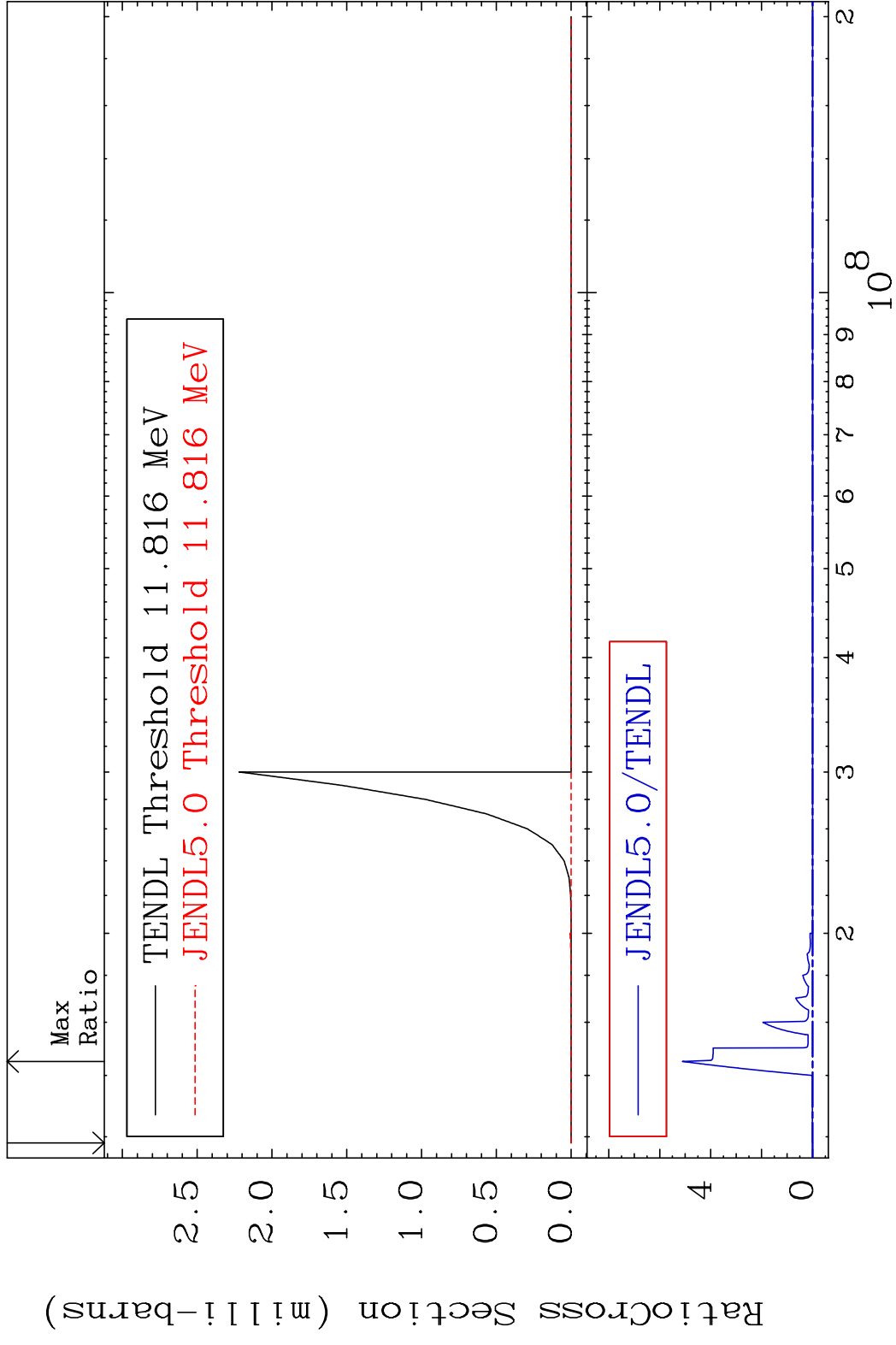


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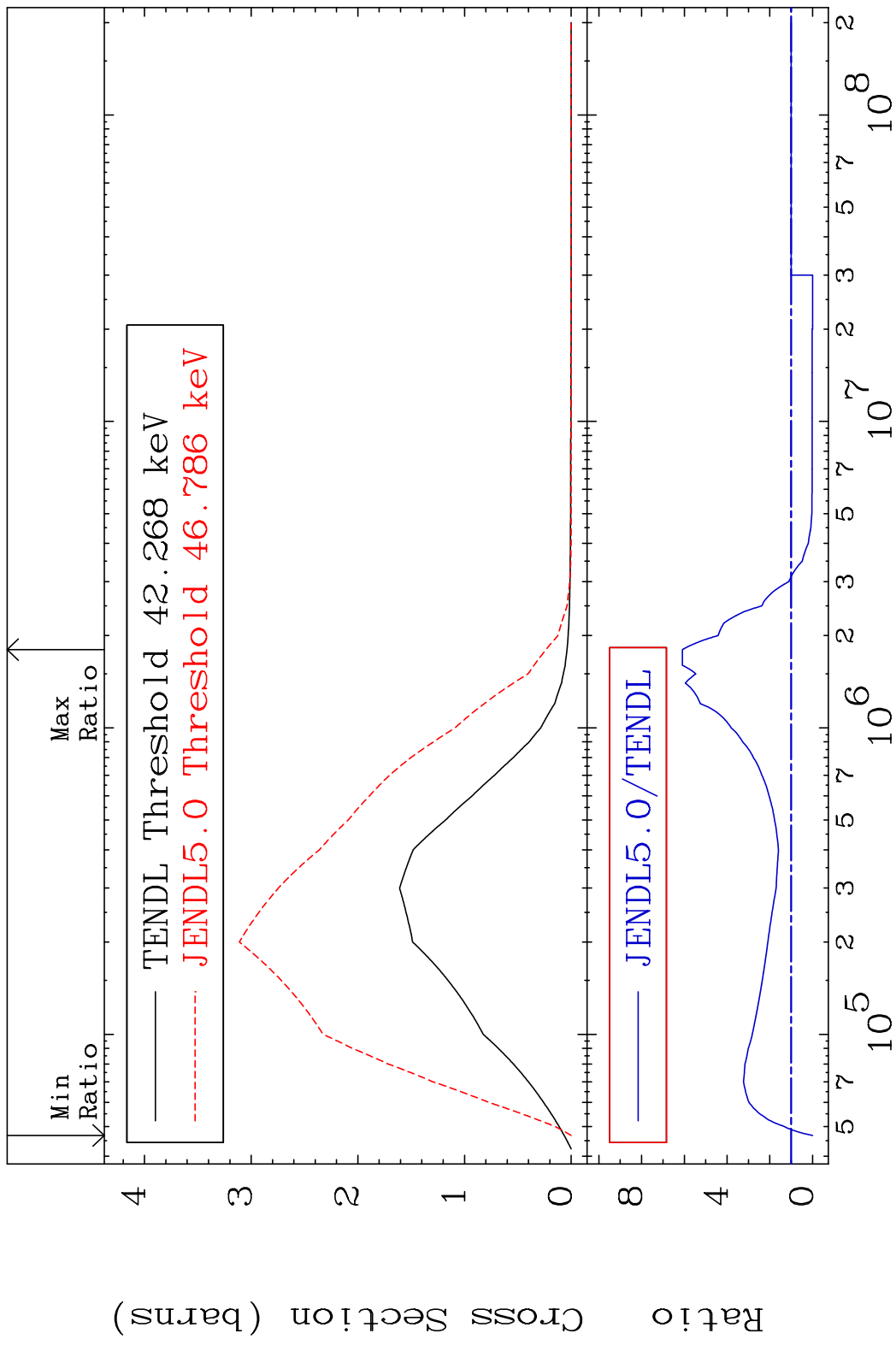
Incident Energy (eV)

100-Fm-252

MAT 9933 (n,2n) p 100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933 MT= 51 (n, n') Level 100-Fm-252
 Cross Section -100.0 To 509.3 %

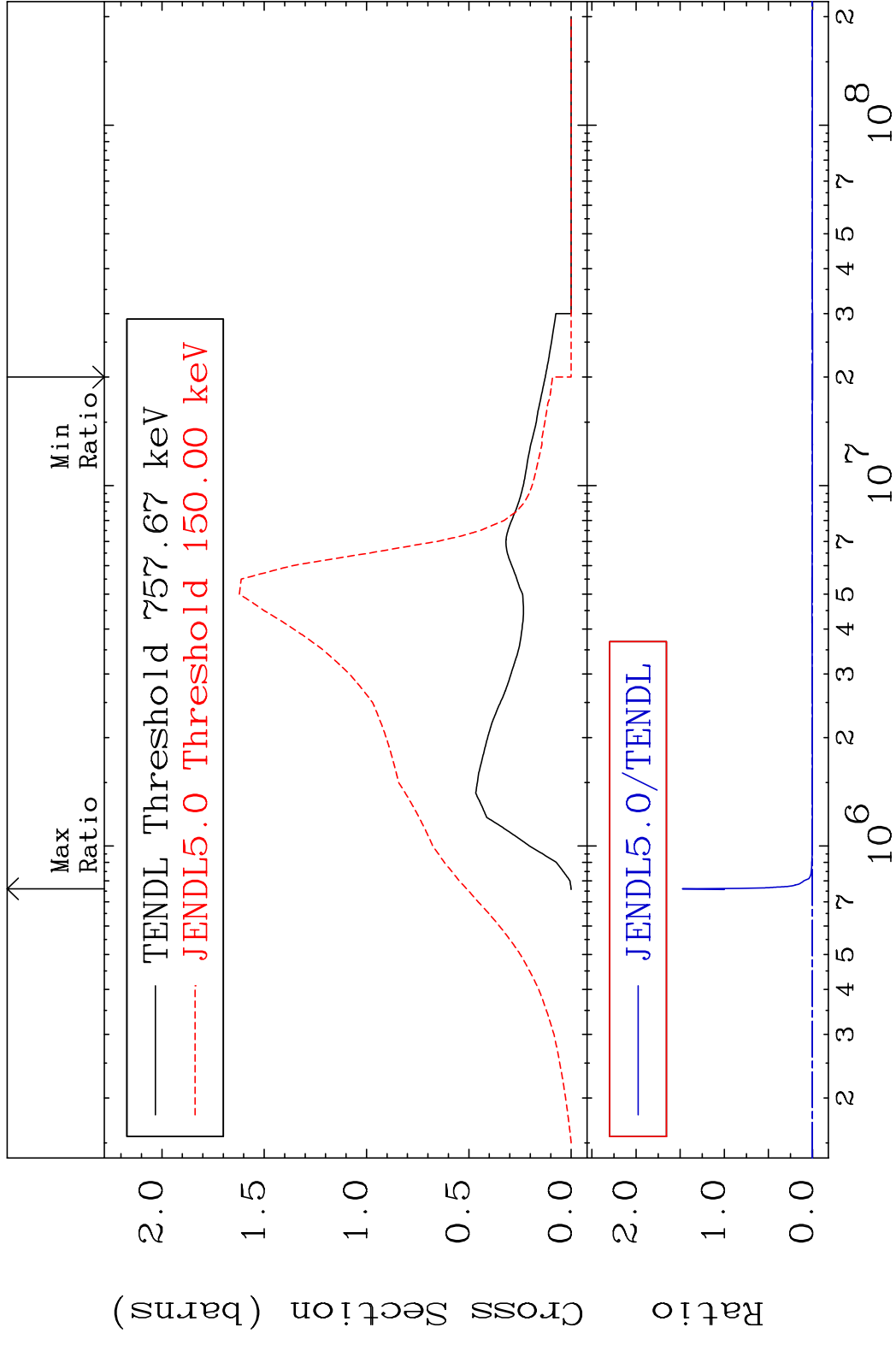


14 Incident Energy (eV) 100-Fm-252

MAT 9933

(n,n') Continuum
Cross Section -100.0 To 9999. %

100-Fm-252

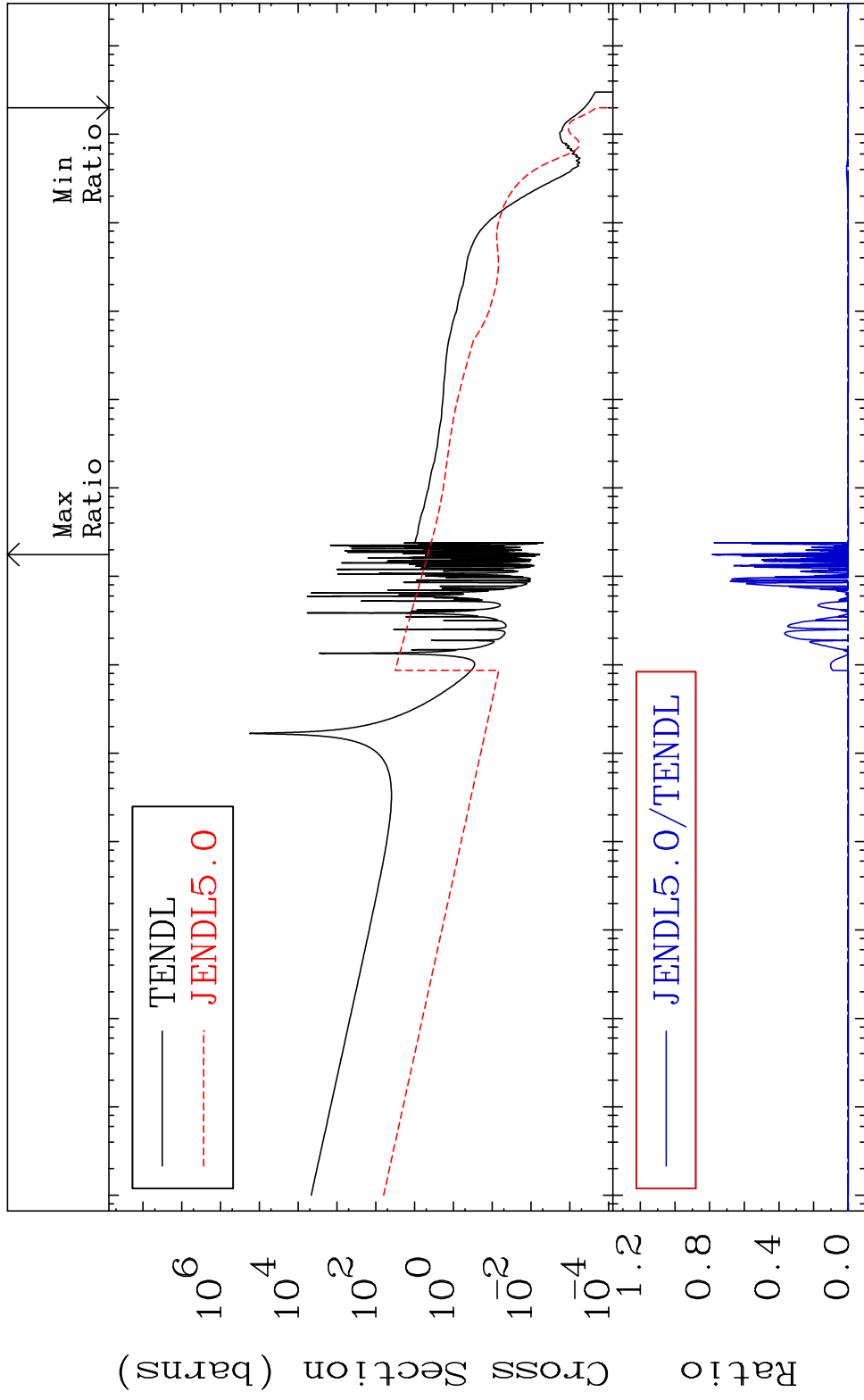


MAT 9933

(n, γ)

100-Fm-252

Cross Section -100.0 To 9999. %

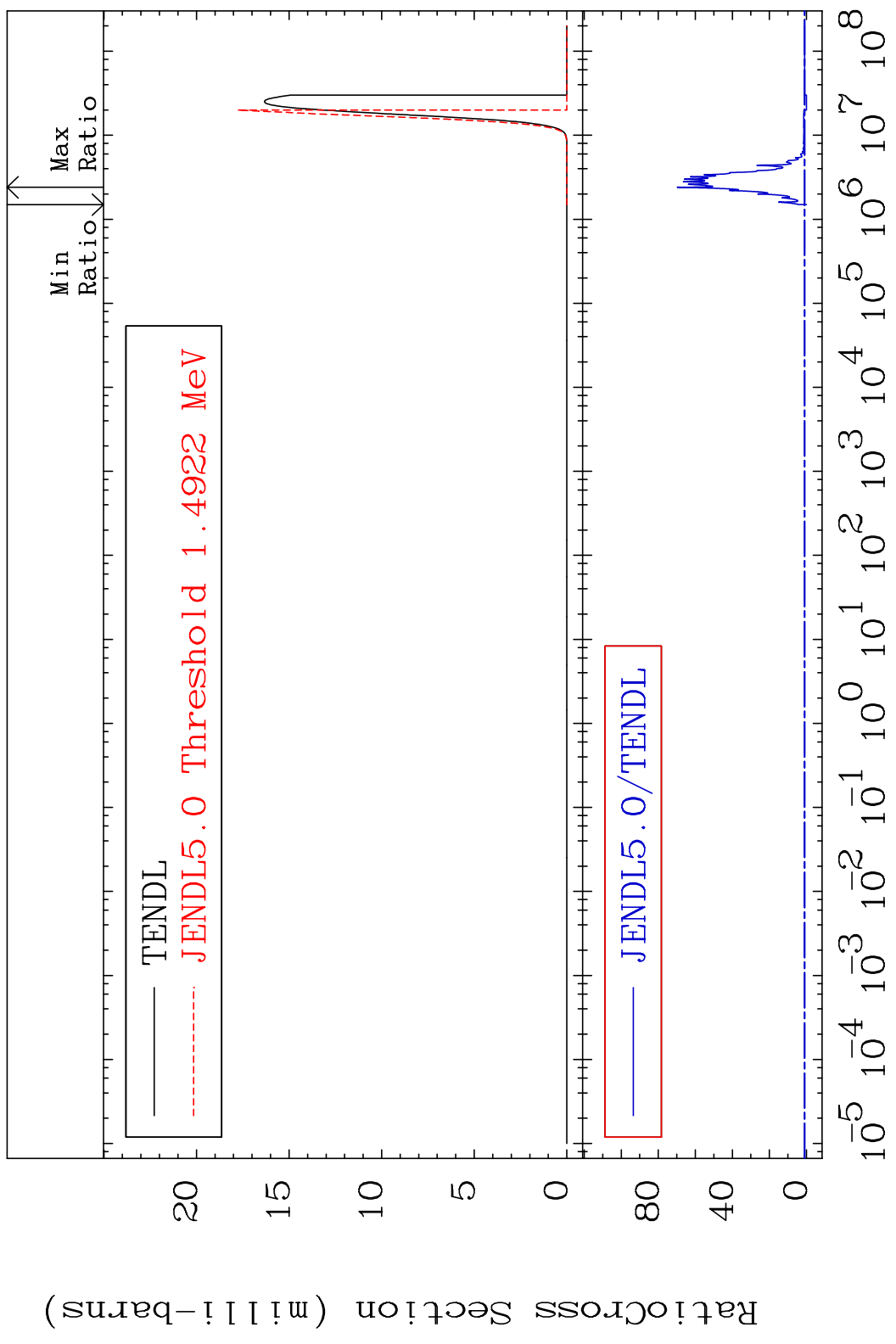


MAT 9933

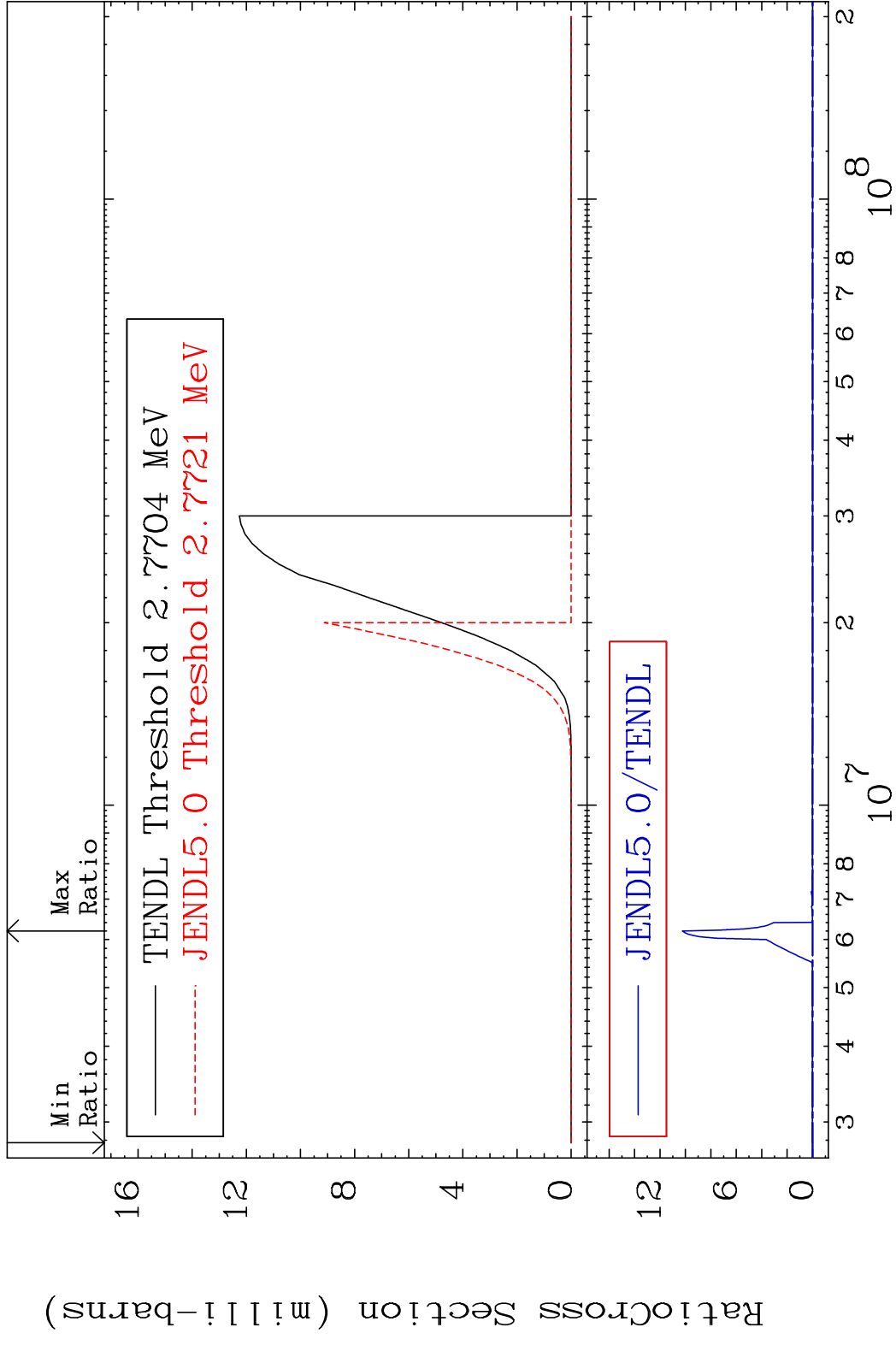
(n, p)

100-Fm-252

Cross Section -100.0 To 6878. %



MAT 9933 (n,d) 100-Fm-252
 Cross Section -100.0 To 9999. %

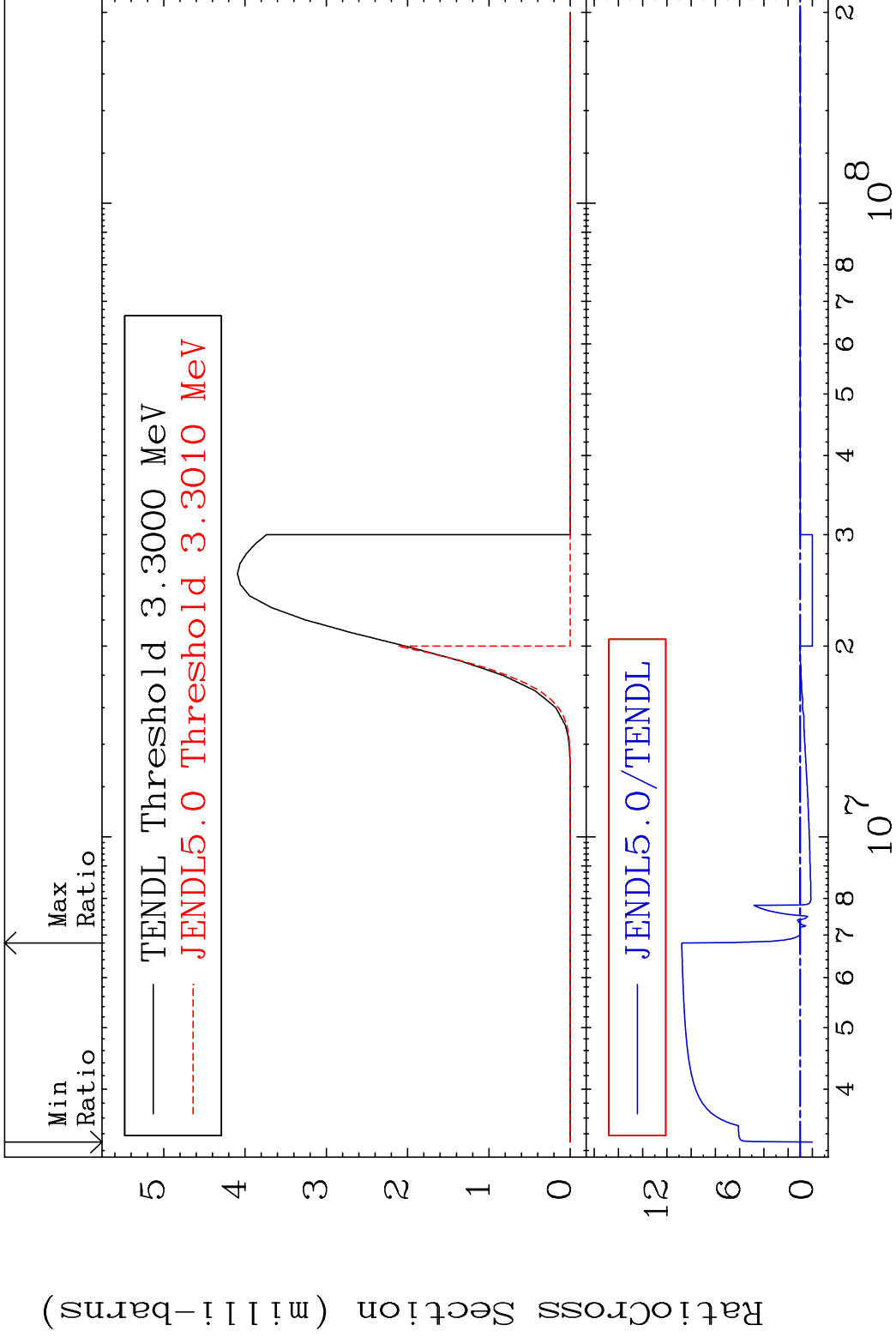


MAT 9933

(n, t)

100-Fm-252

Cross Section -100.0 To 978.0 %

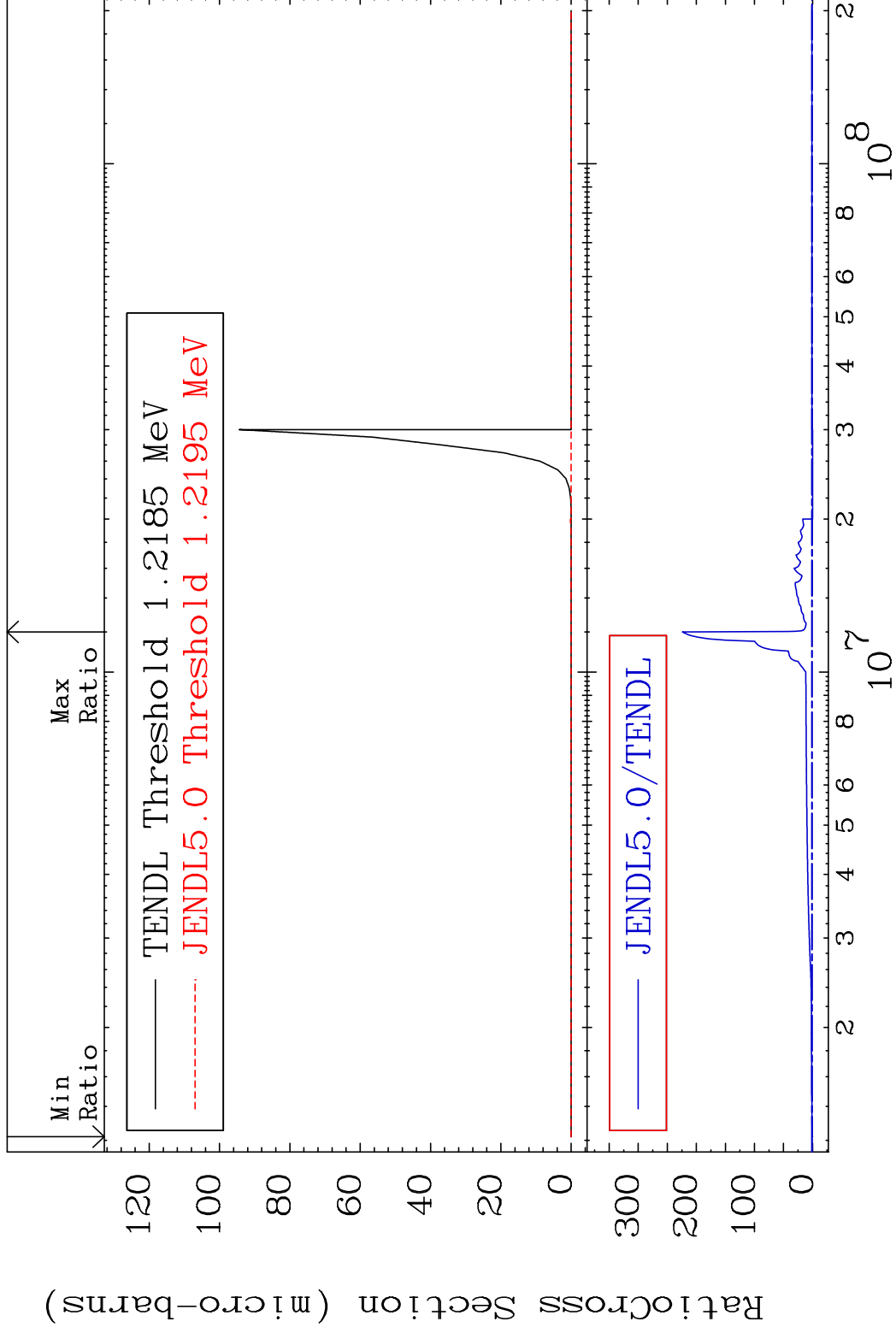


MAT 9933

(n, He-3)

100-Fm-252

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

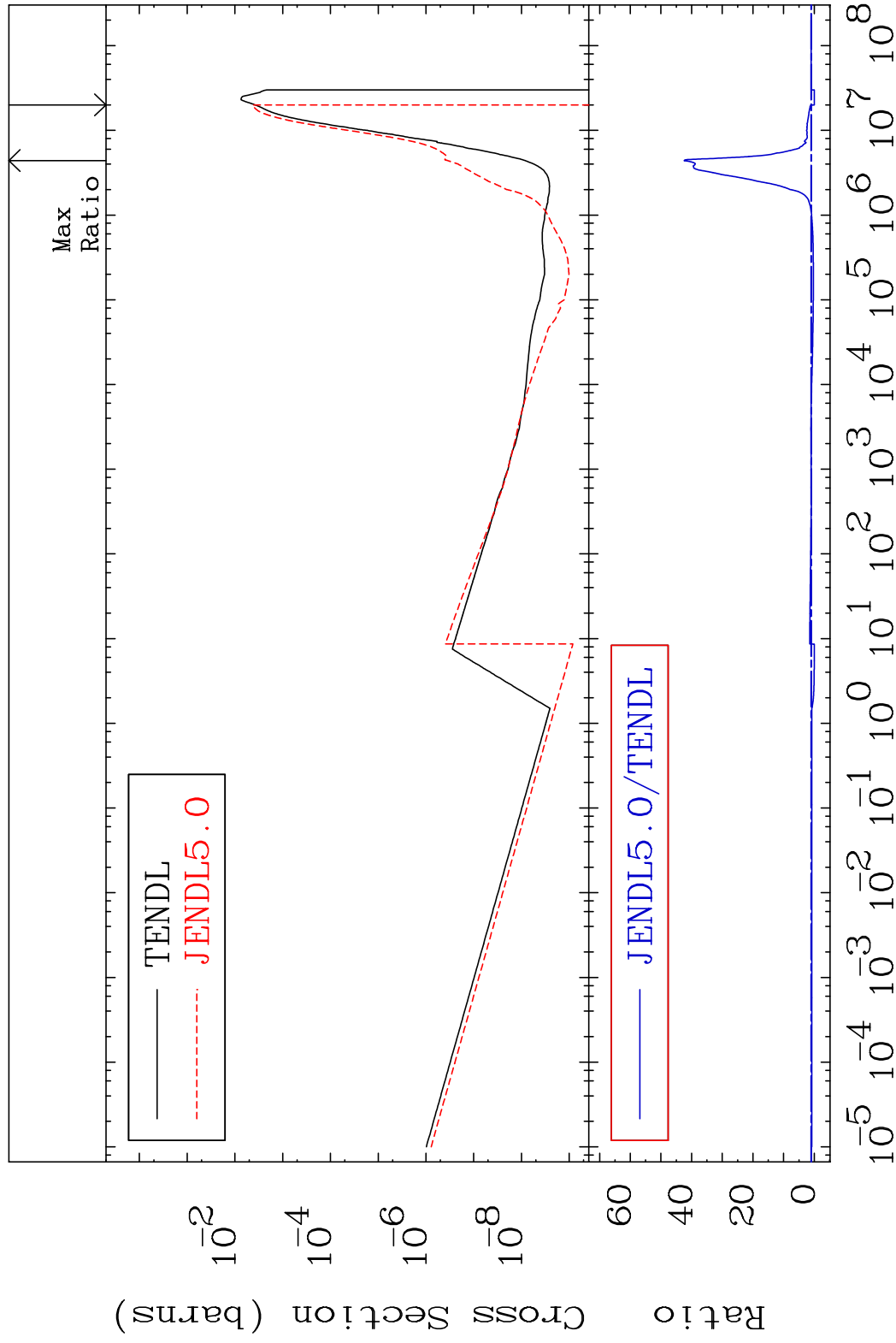
100-Fm-252

MAT 9933

(n, α)

100-Fm-252

Cross Section -100.0 To 4146. %



21

Incident Energy (eV)

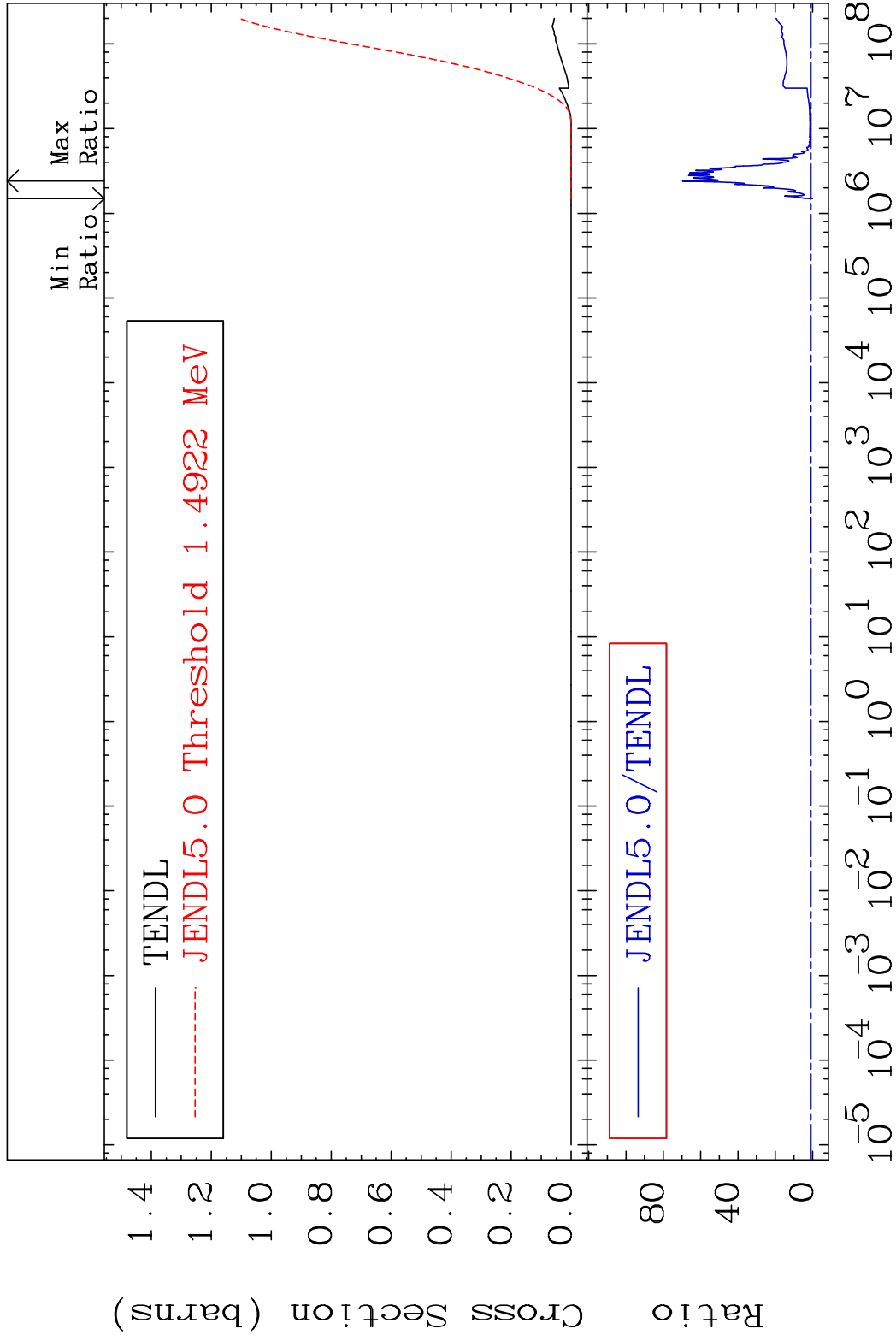
100-Fm-252

MAT 9933

Hydrogen Production

100-Fm-252

Cross Section -100.0 To 6878. %



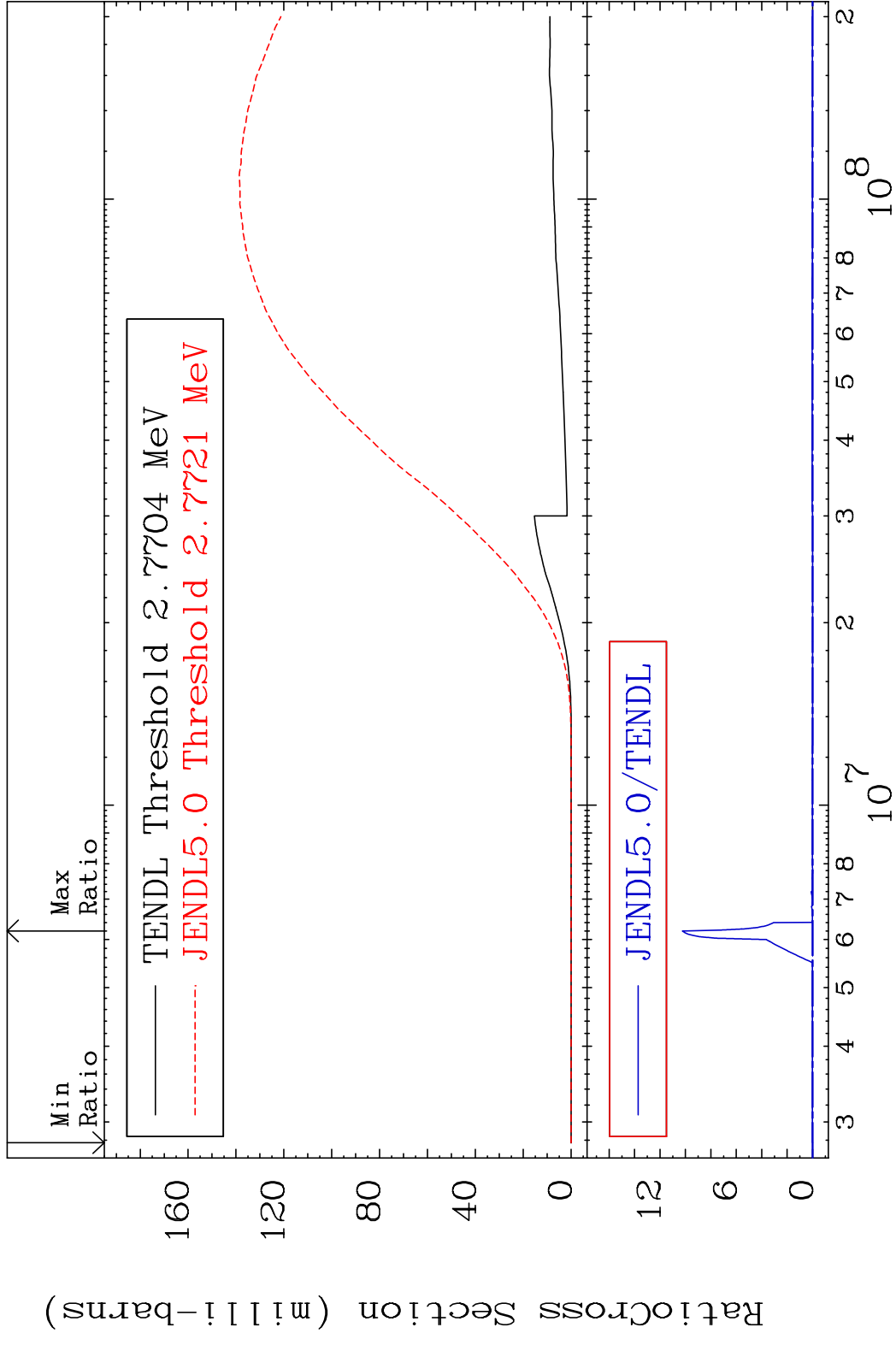
22

Incident Energy (eV)

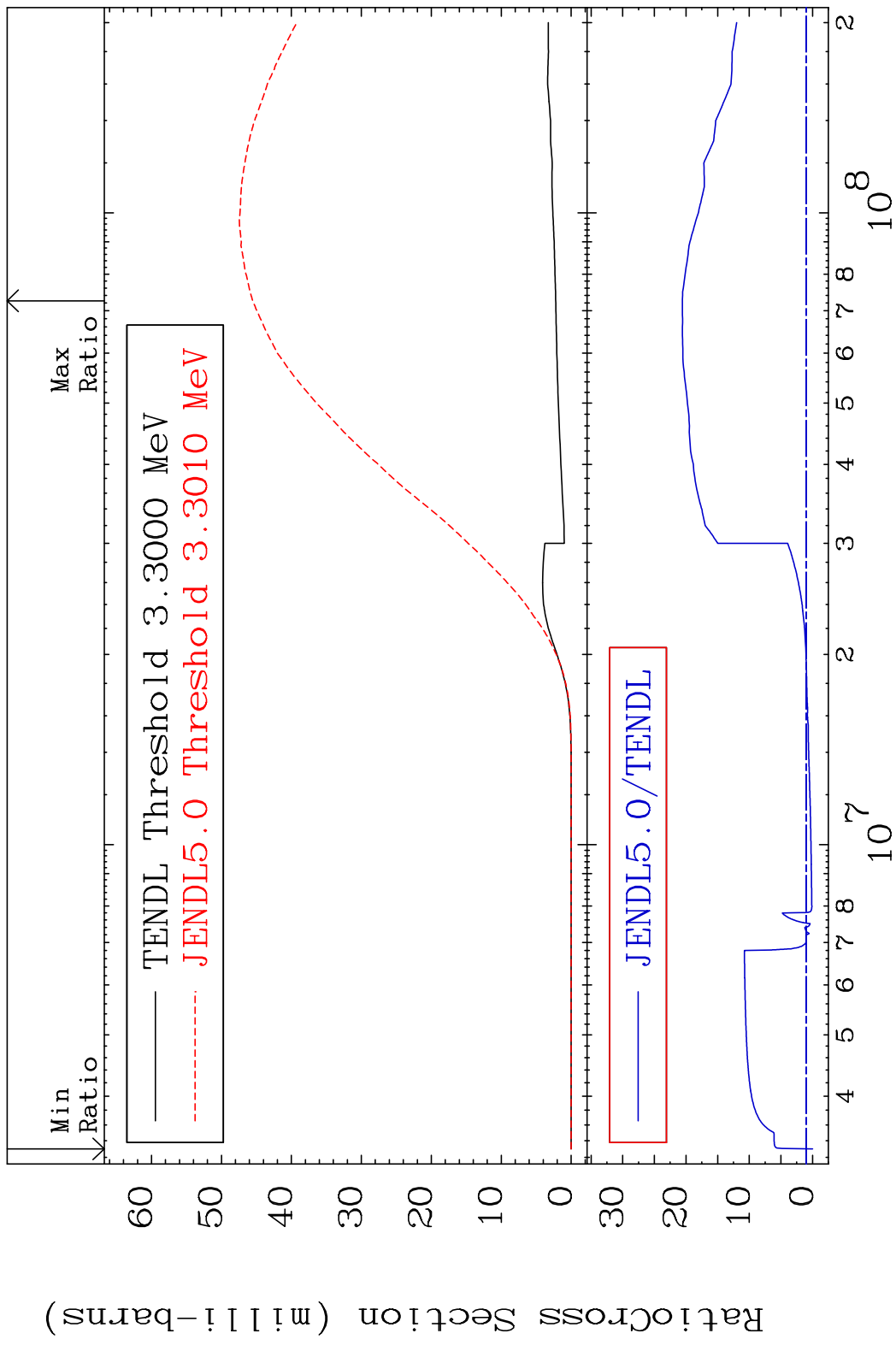
100-Fm-252

MAT 9933

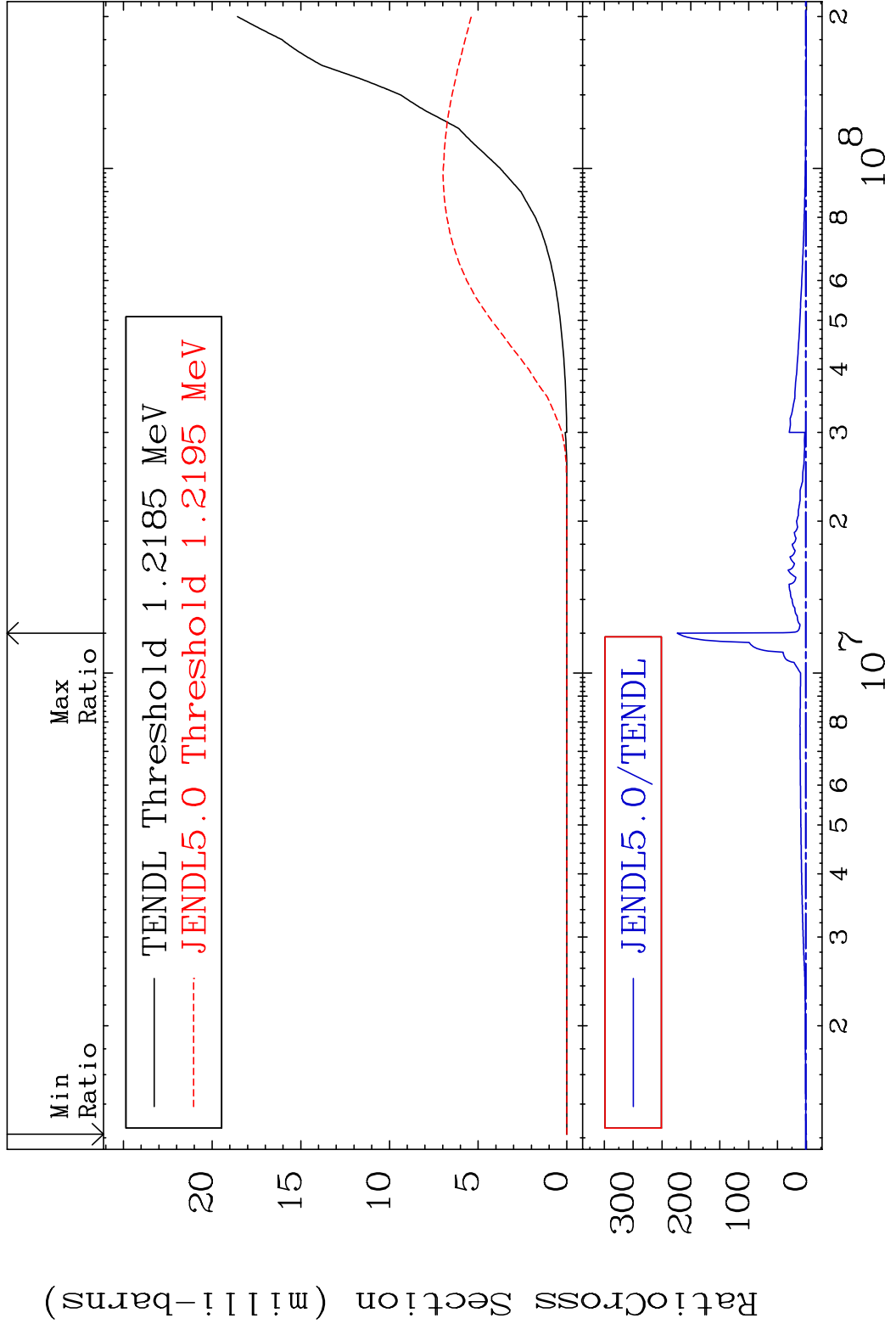
Deuterium Production 100-Fm-252
Cross Section -100.0 To 9999. %



MAT 9933 Tritium Production 100-Fm-252
 Cross Section -100.0 To 1958. %



MAT 9933 He-3 Production 100-Fm-252
 Cross Section -100.0 To 9999. %

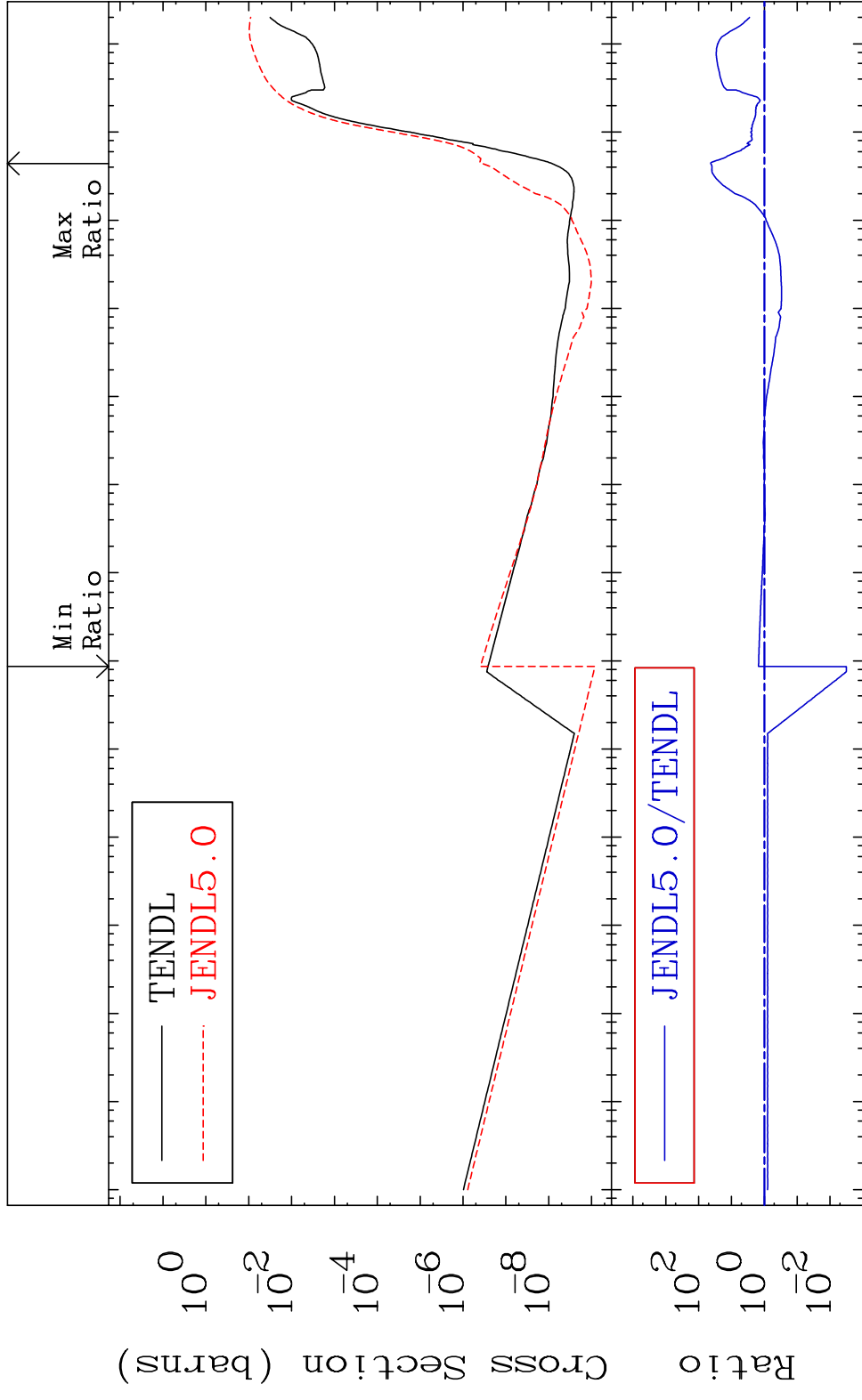


MAT 9933

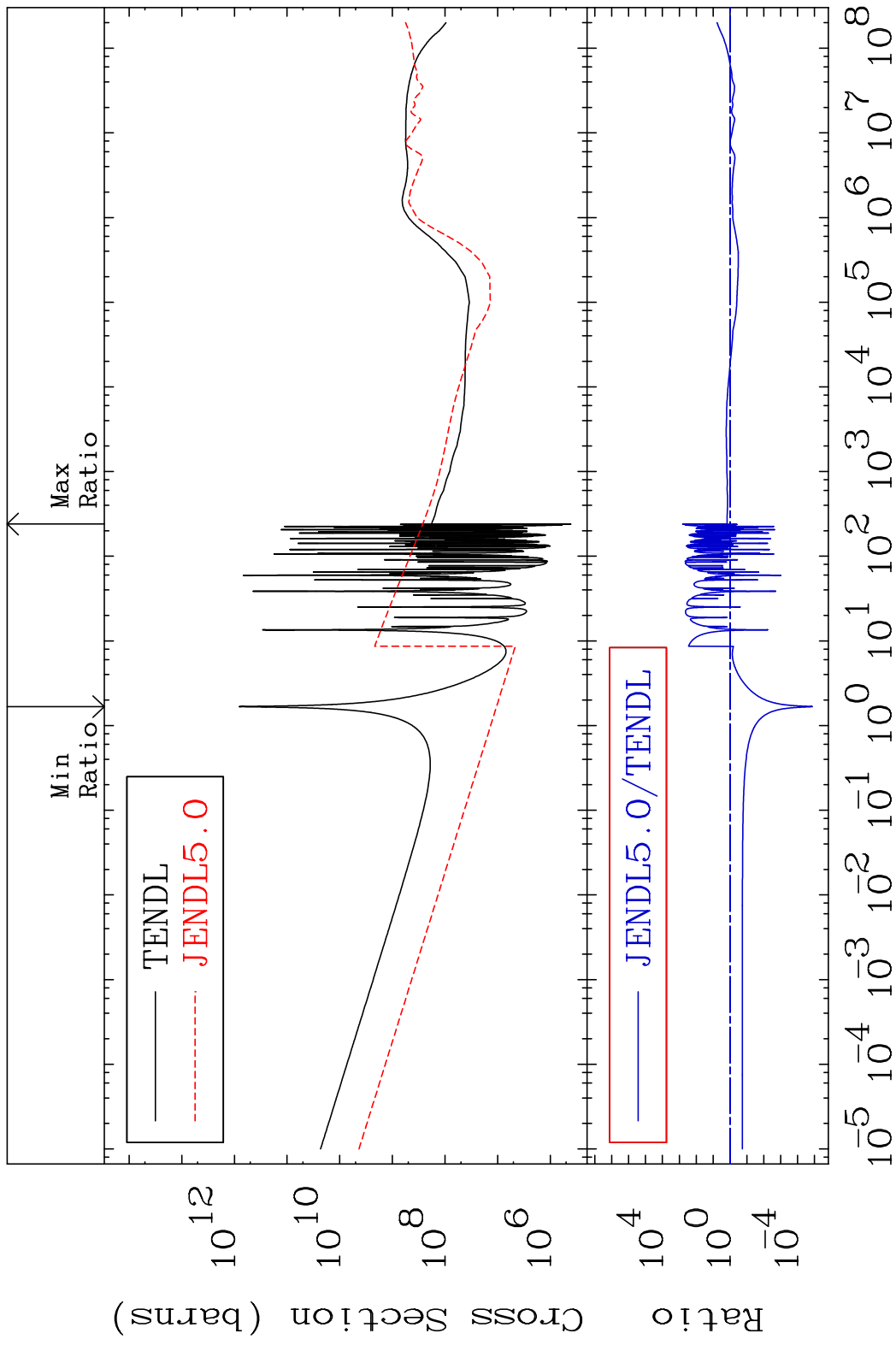
He-4 Production

100-Fm-252

Cross Section -99.68 To 4185. %

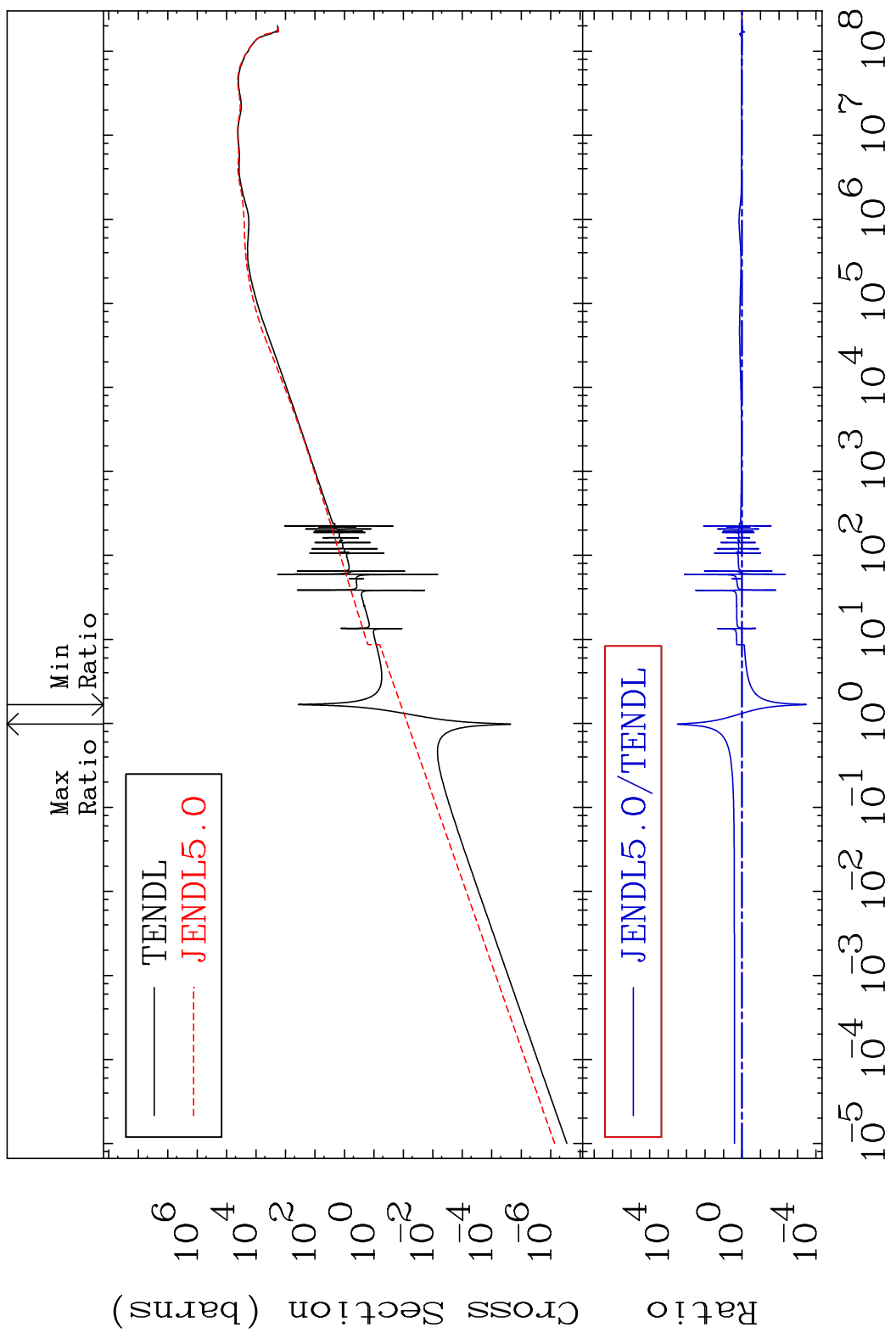


MAT 9933 Kerma total (eV-barns) 100-Fm-252
 Cross Section -100.0 To 9999. %

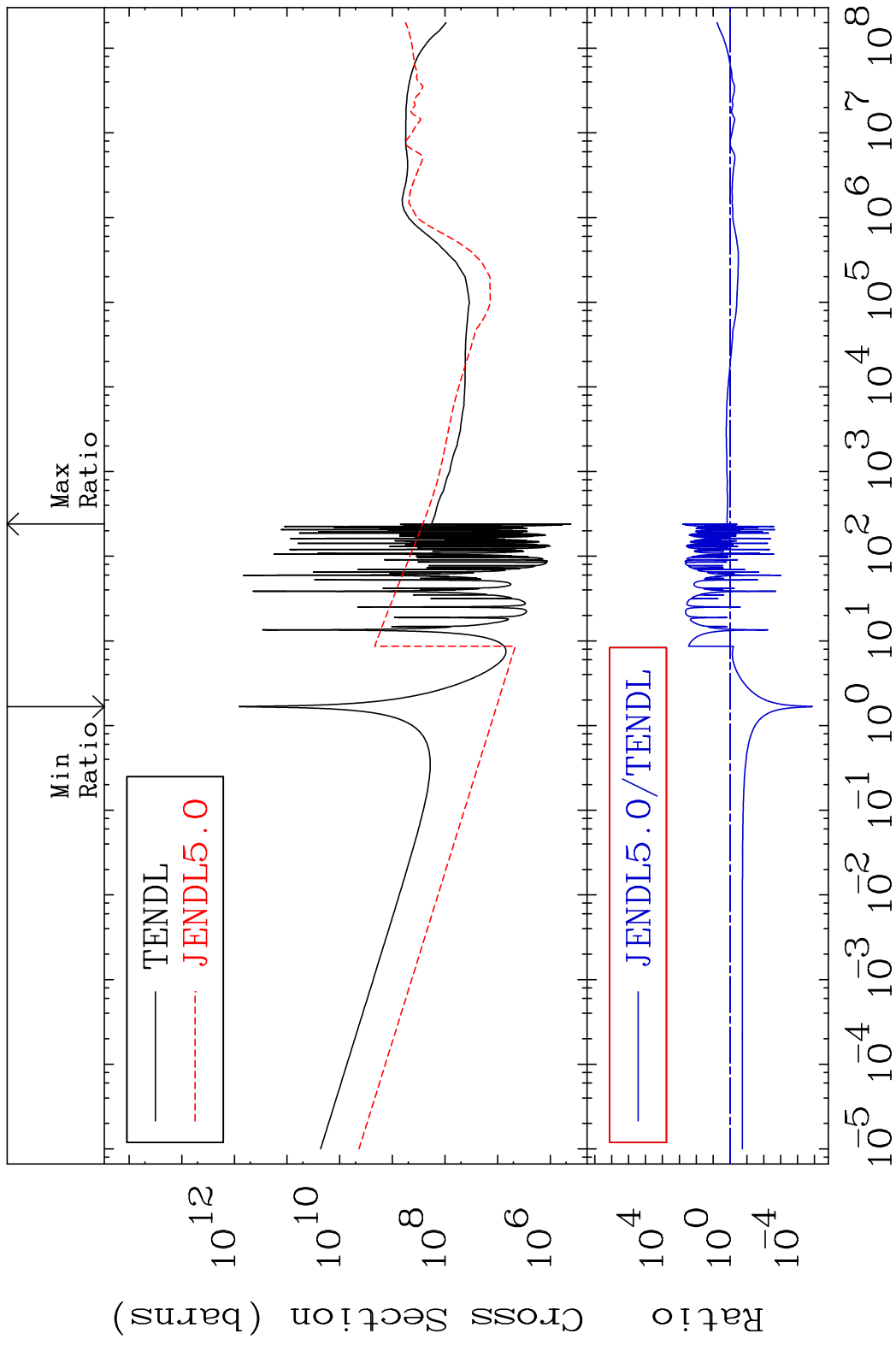


MAT 9933

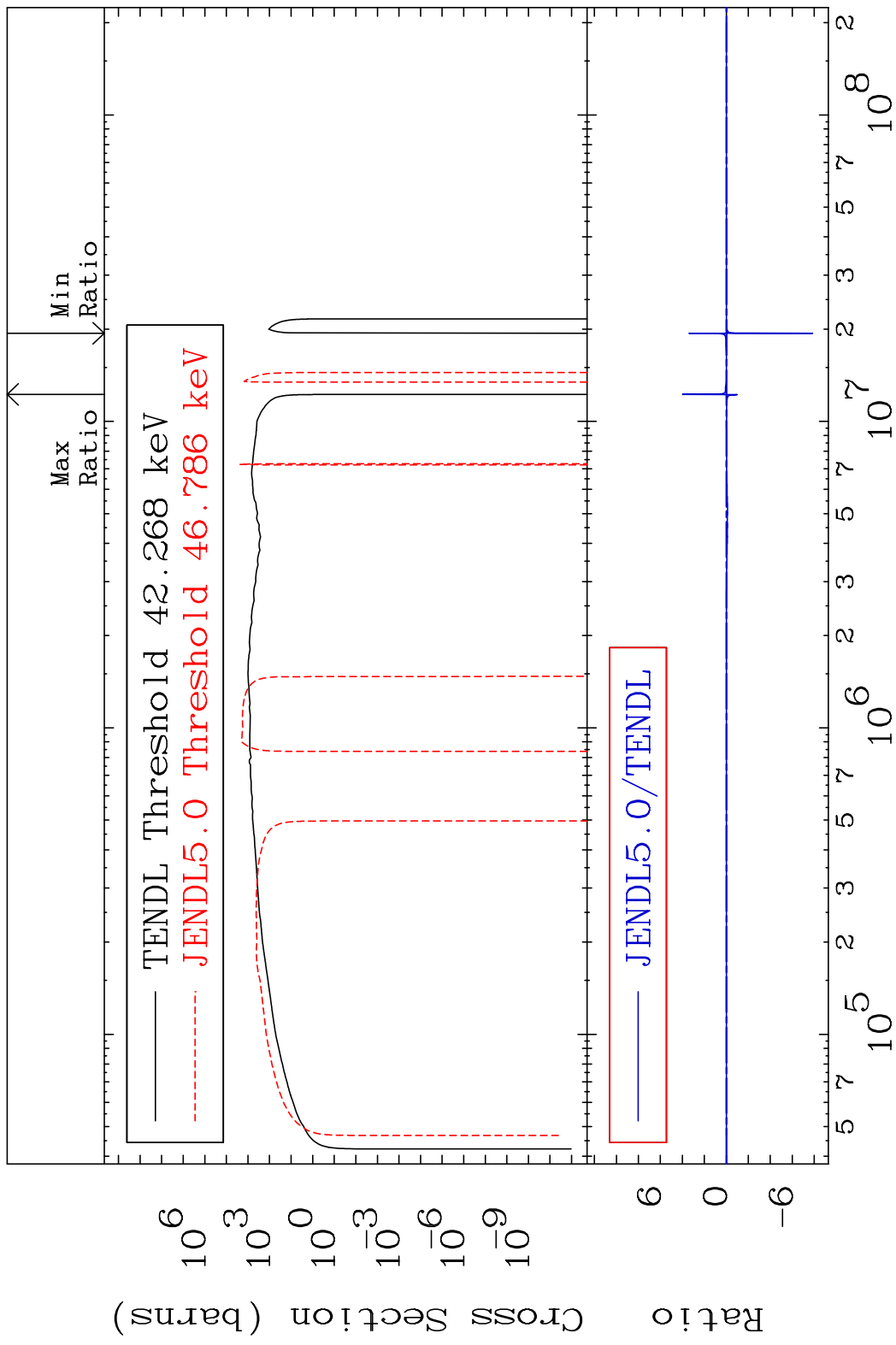
Kerma elastic 100-Fm-252
Cross Section -99.97 To 9999. %



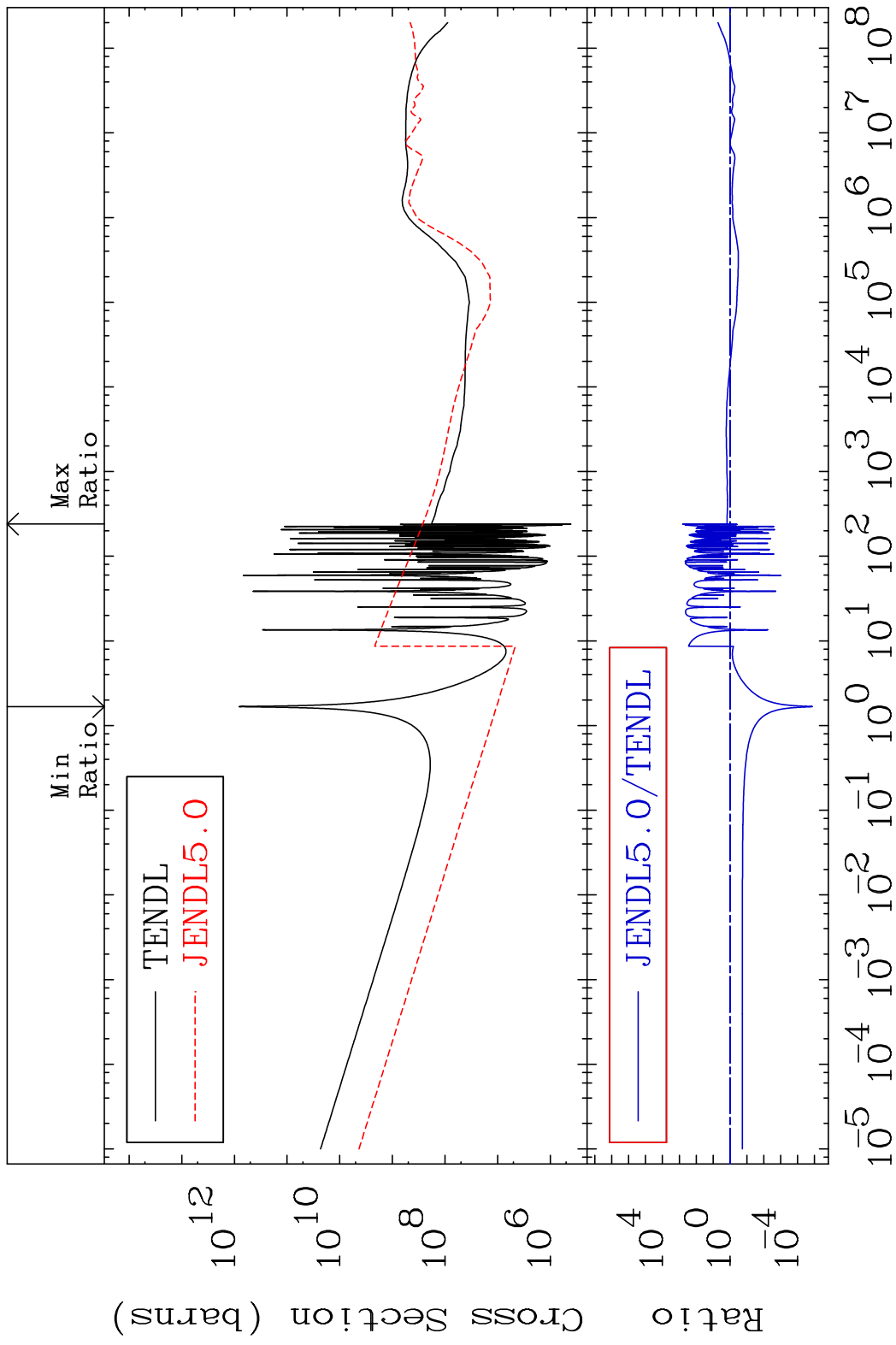
MAT 9933 Kerma non-elastic (all but mt2) 100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933 Kerma inelastic (mt51-91) 100-Fm-252
 Cross Section -9999. To 9999. %

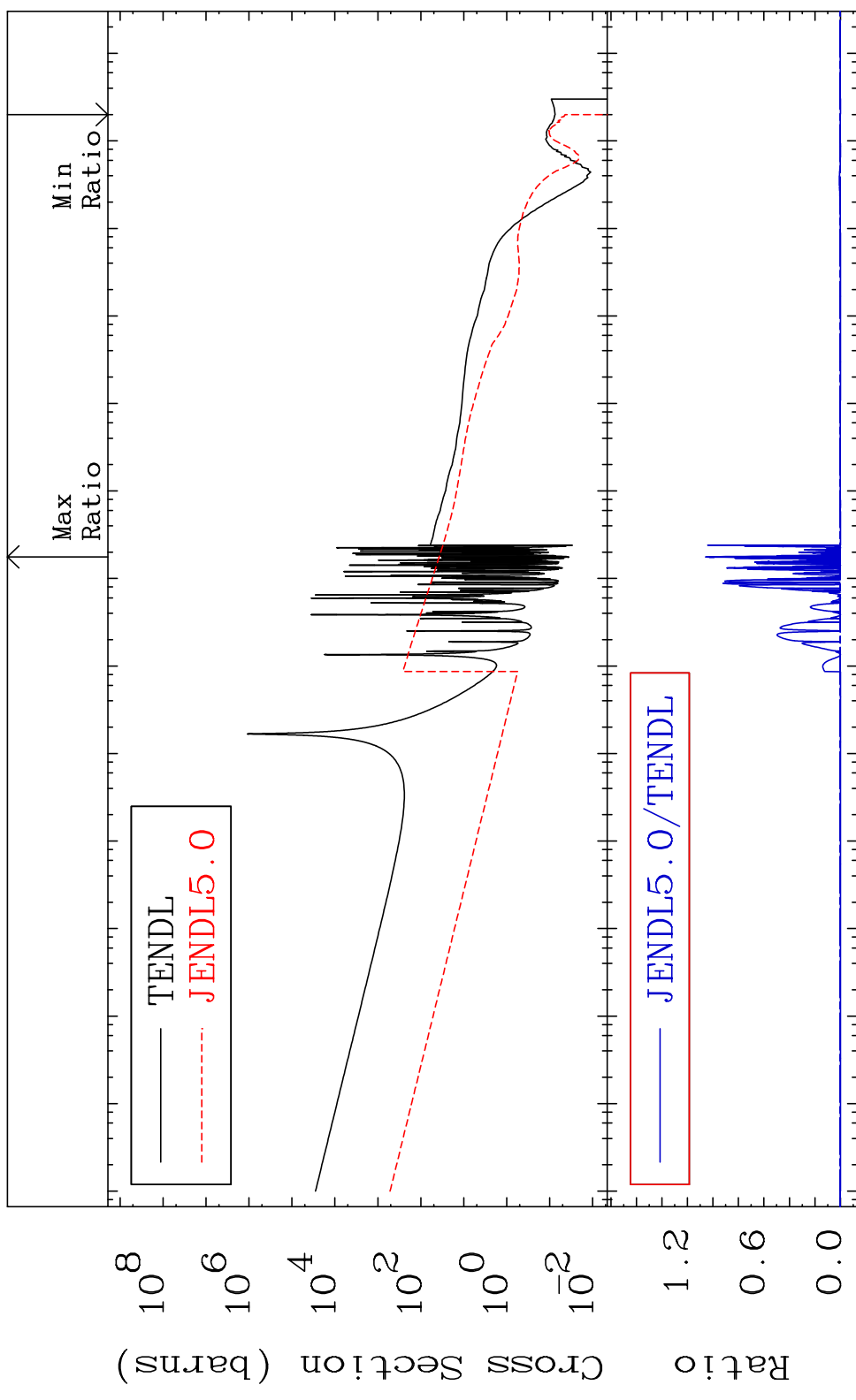


MAT 9933 Kerma fission (mt18 or mt19-20-21-38)0-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933

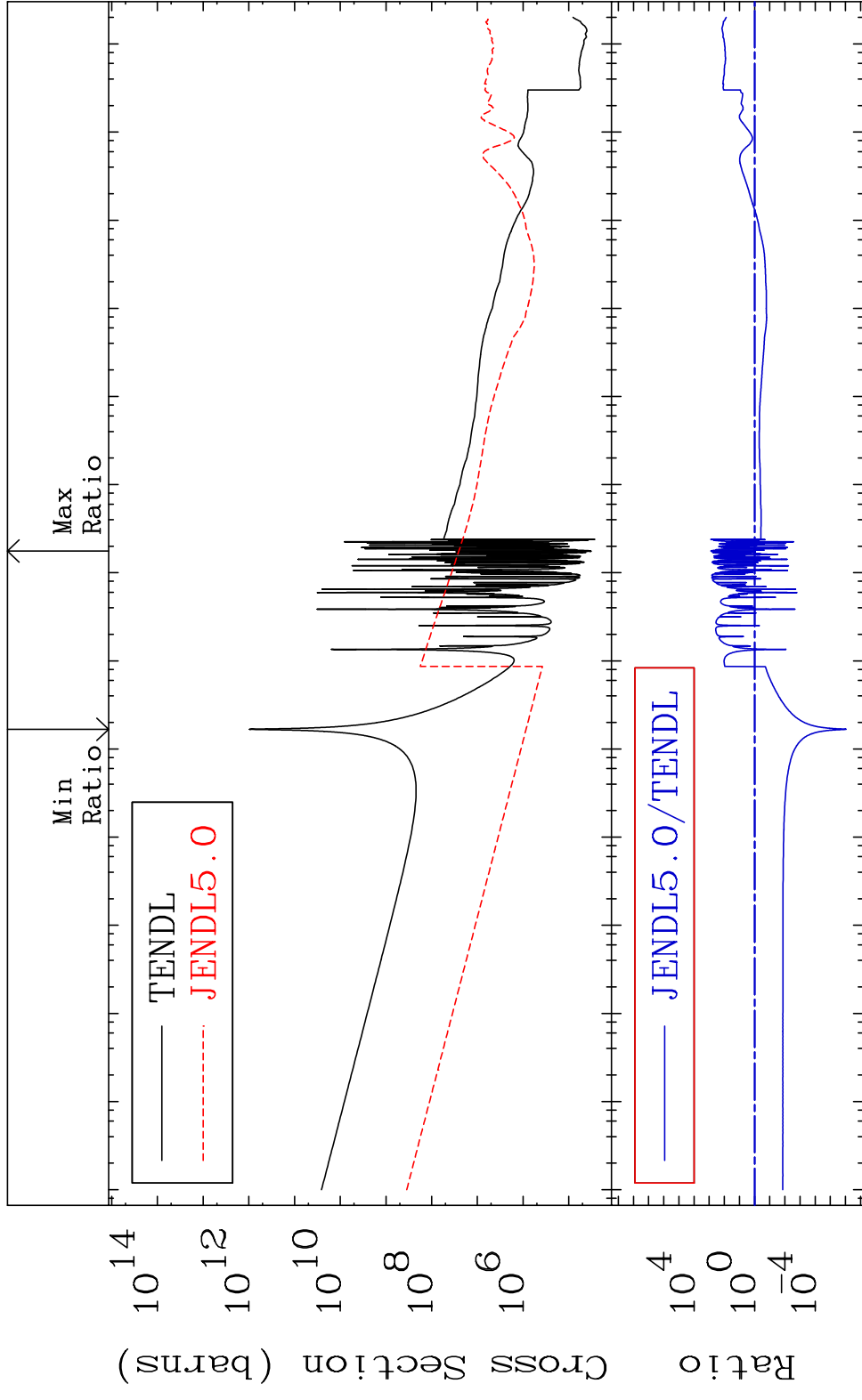
Kerma capture (mt102) 100-Fm-252
Cross Section -100.0 To 9999. %



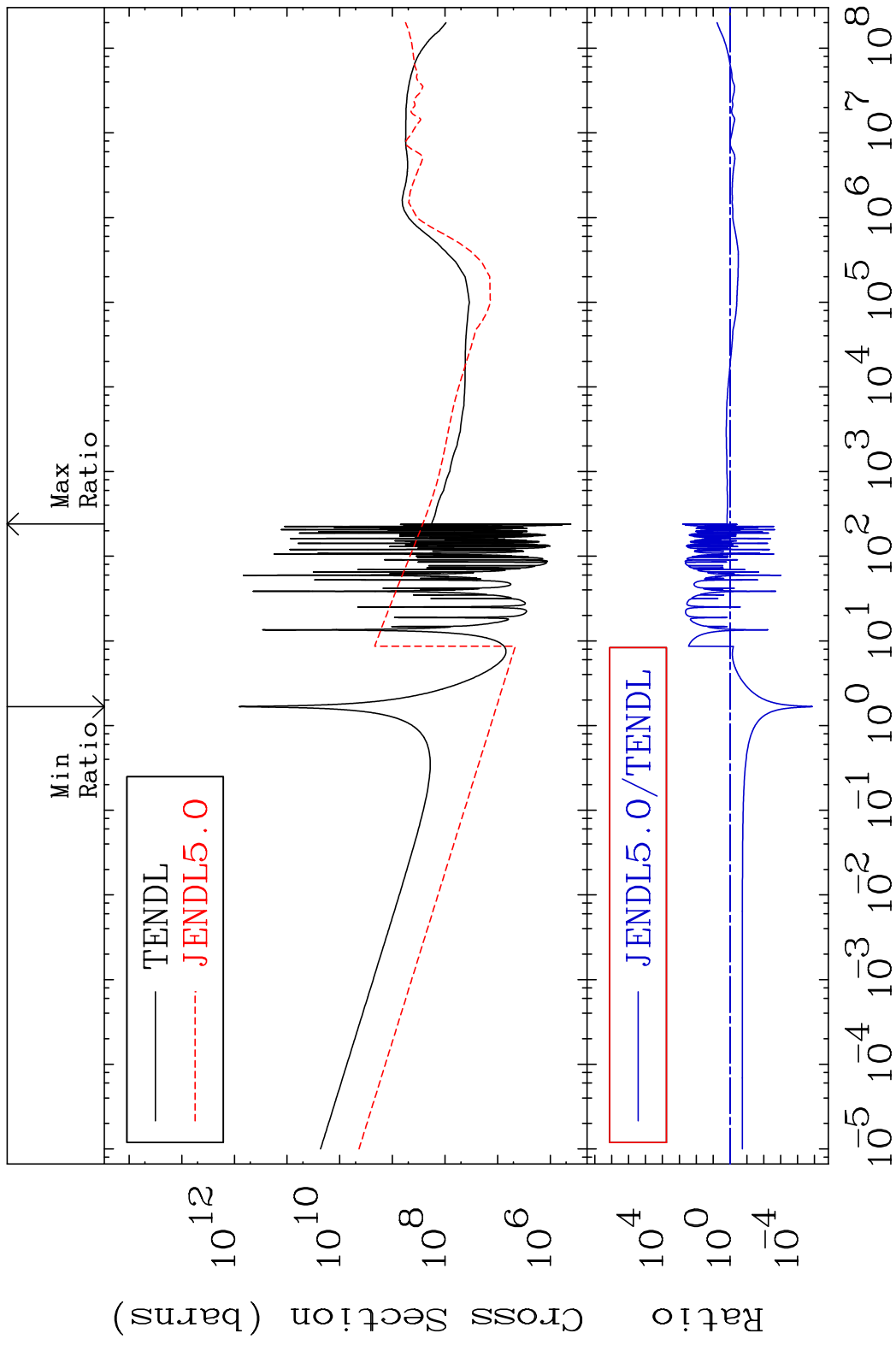
32

Incident Energy (eV) 100-Fm-252

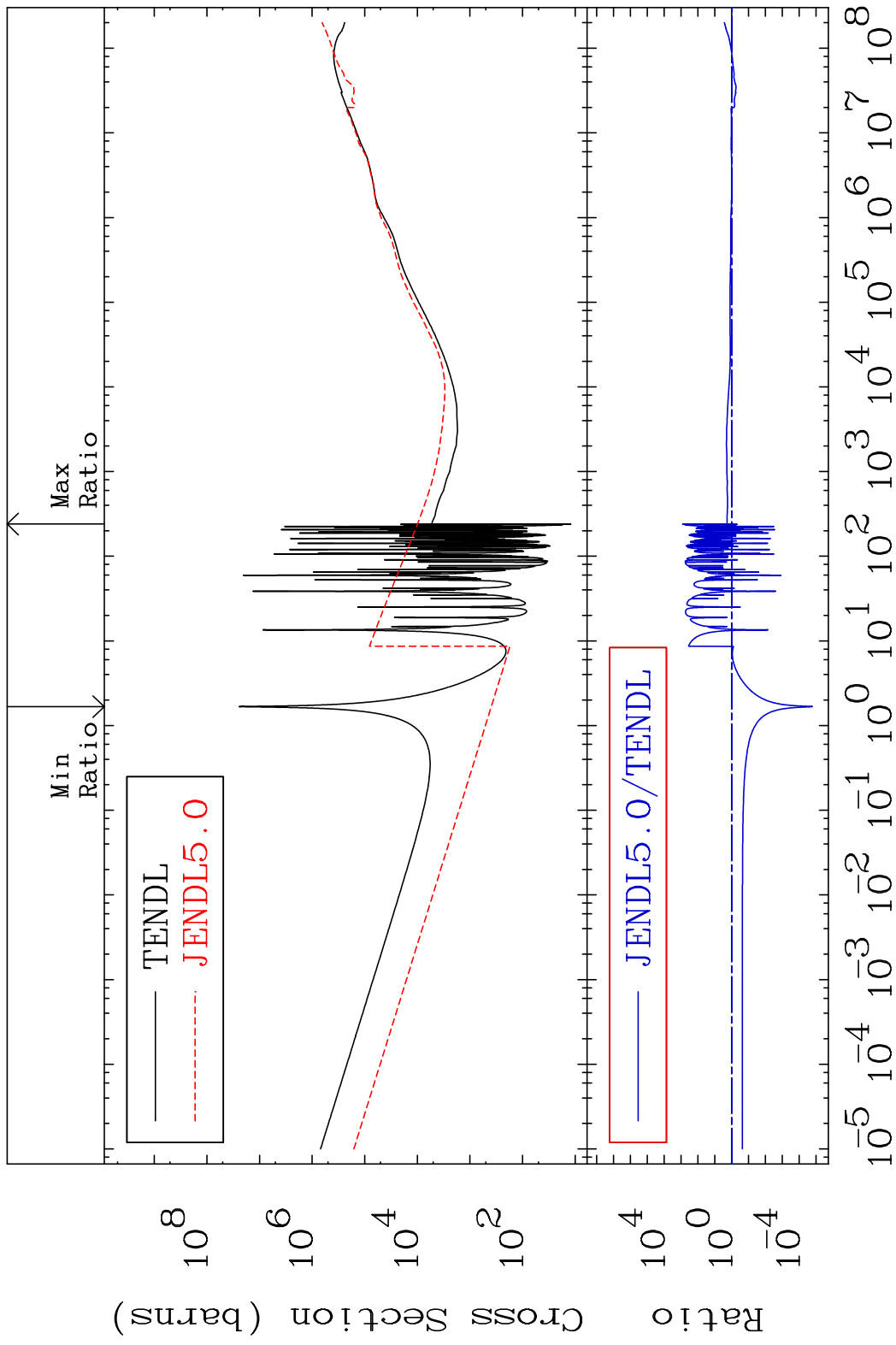
MAT 9933 Total photon (eV-barns) 100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933 Total kinematic kerma (high limit)100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933 Dpa total (eV-barns) 100-Fm-252
 Cross Section -100.0 To 9999. %

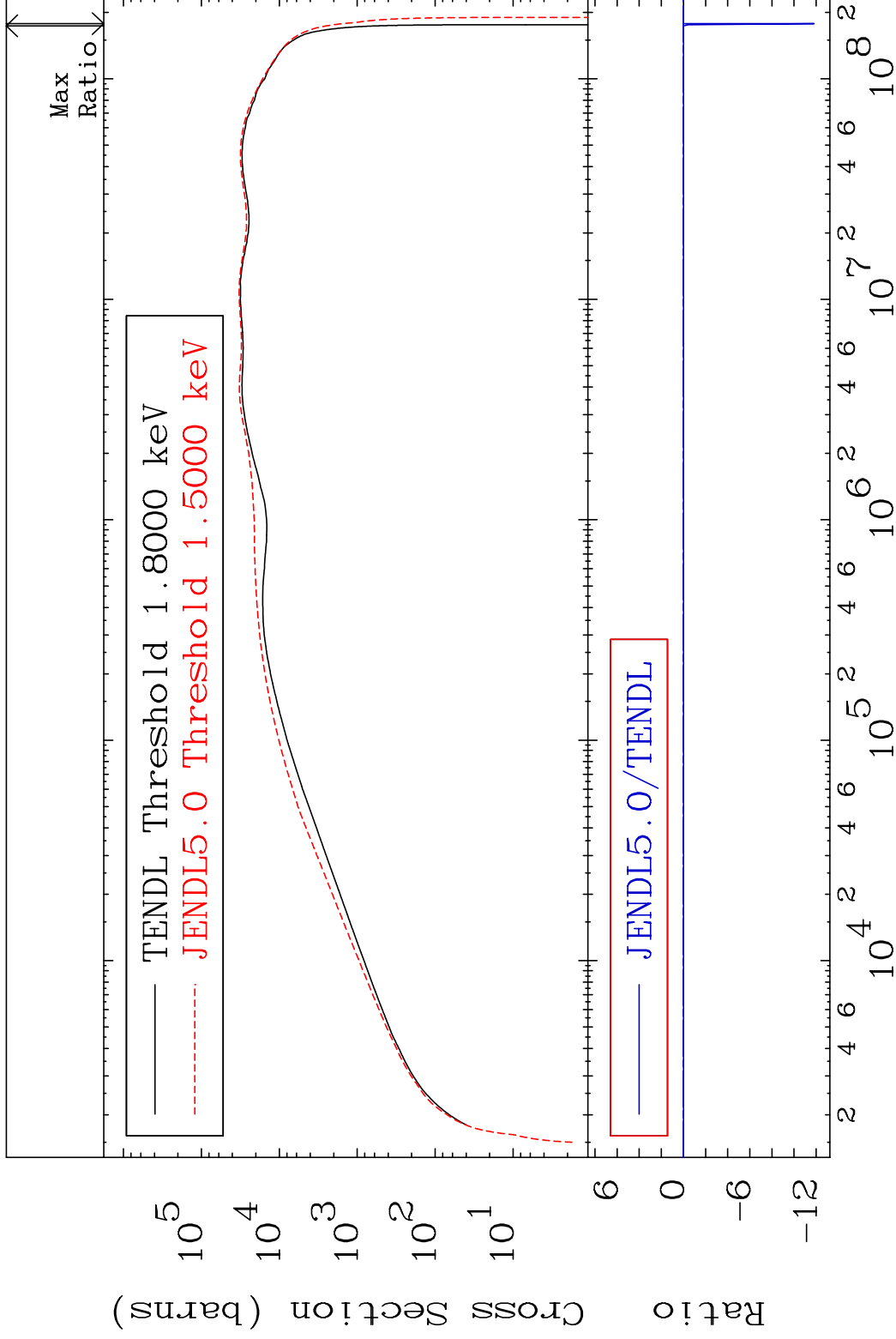


MAT 9933

Dpa elastic (mt2)

100-Fm-252

Cross Section -9999. To 364.2 %

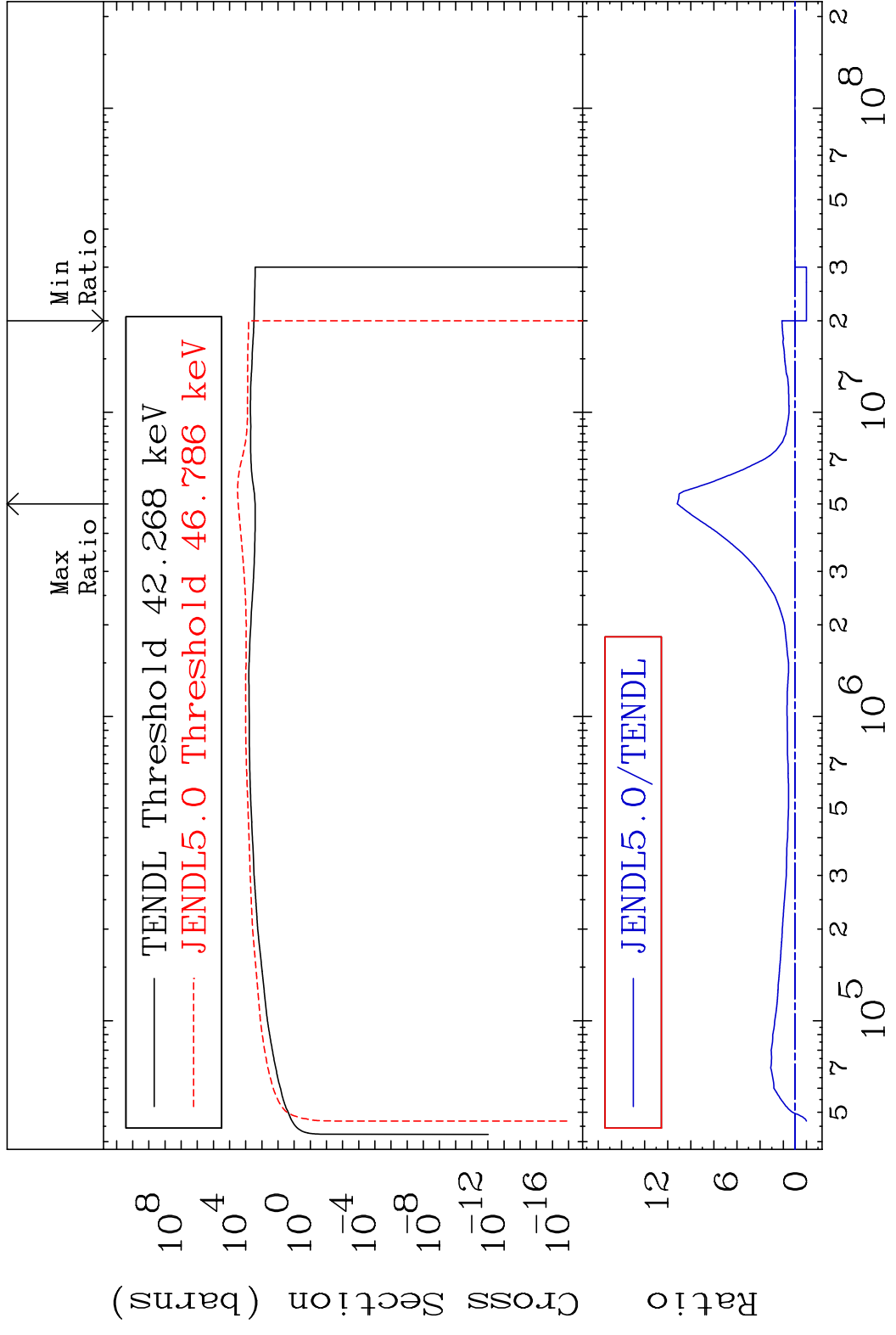


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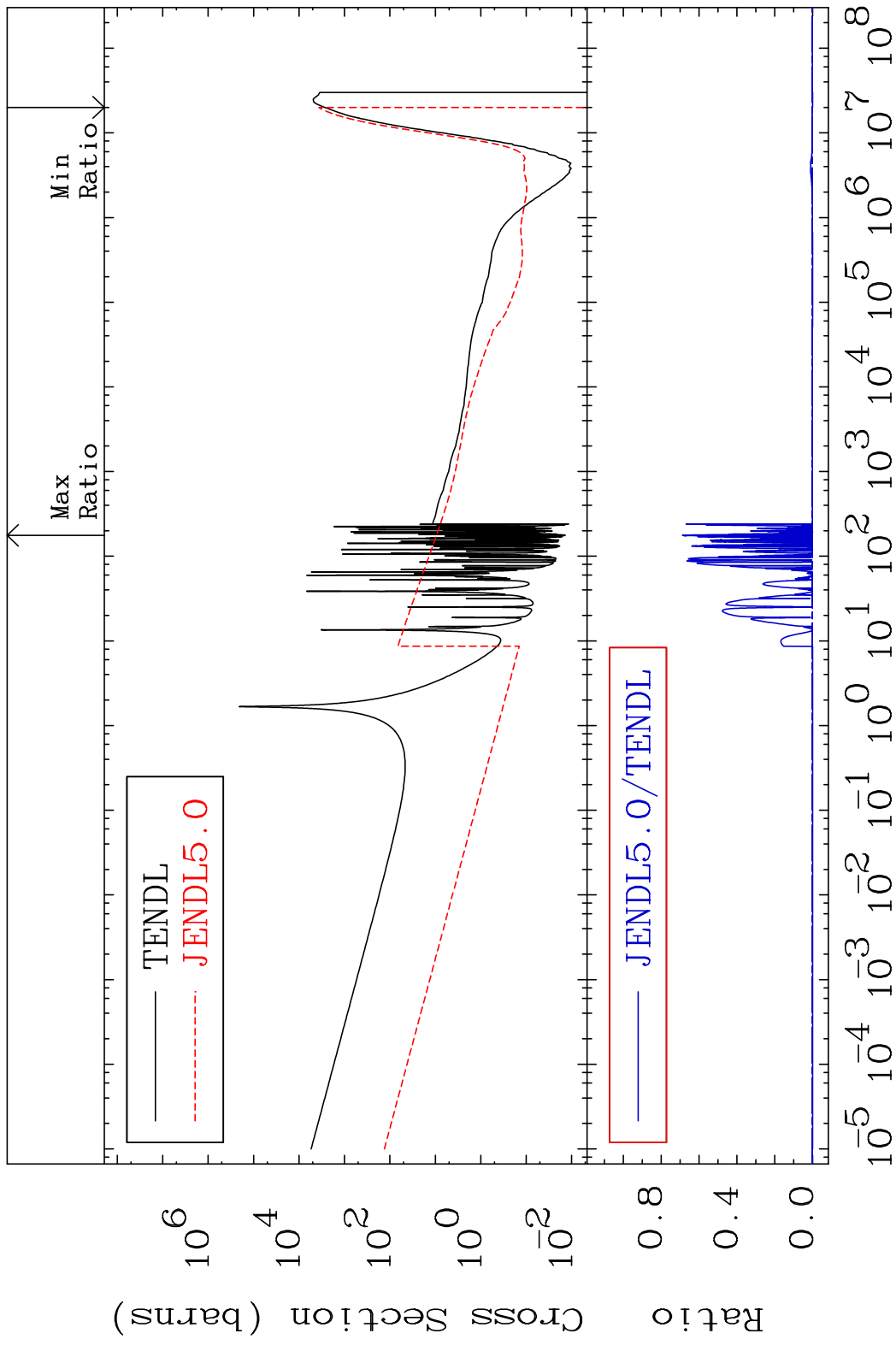
Incident Energy (eV)

100-Fm-252

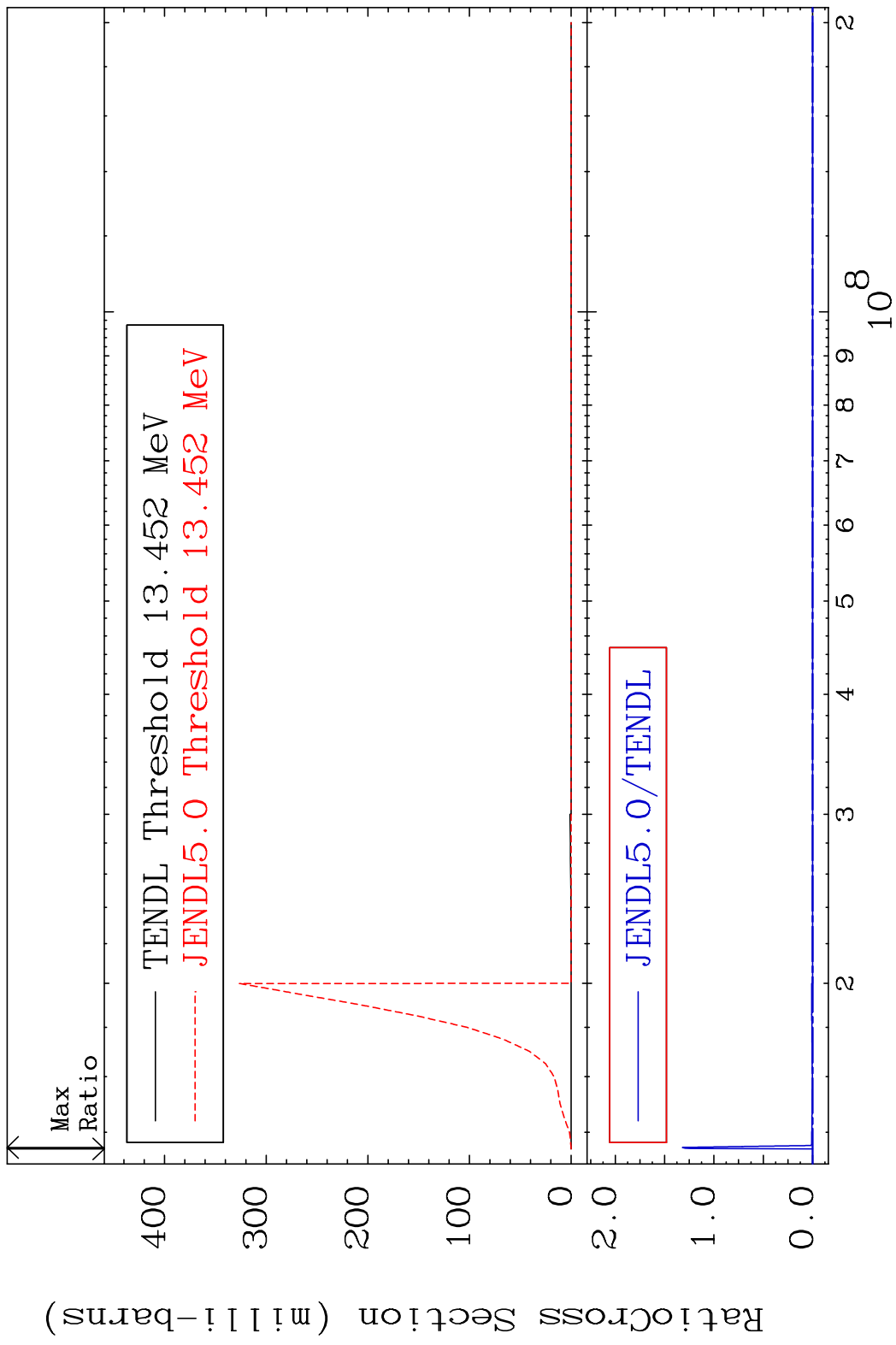
MAT 9933 Dpa inelastic (mt51-91) 100-Fm-252
 Cross Section -100.0 To 1018. %



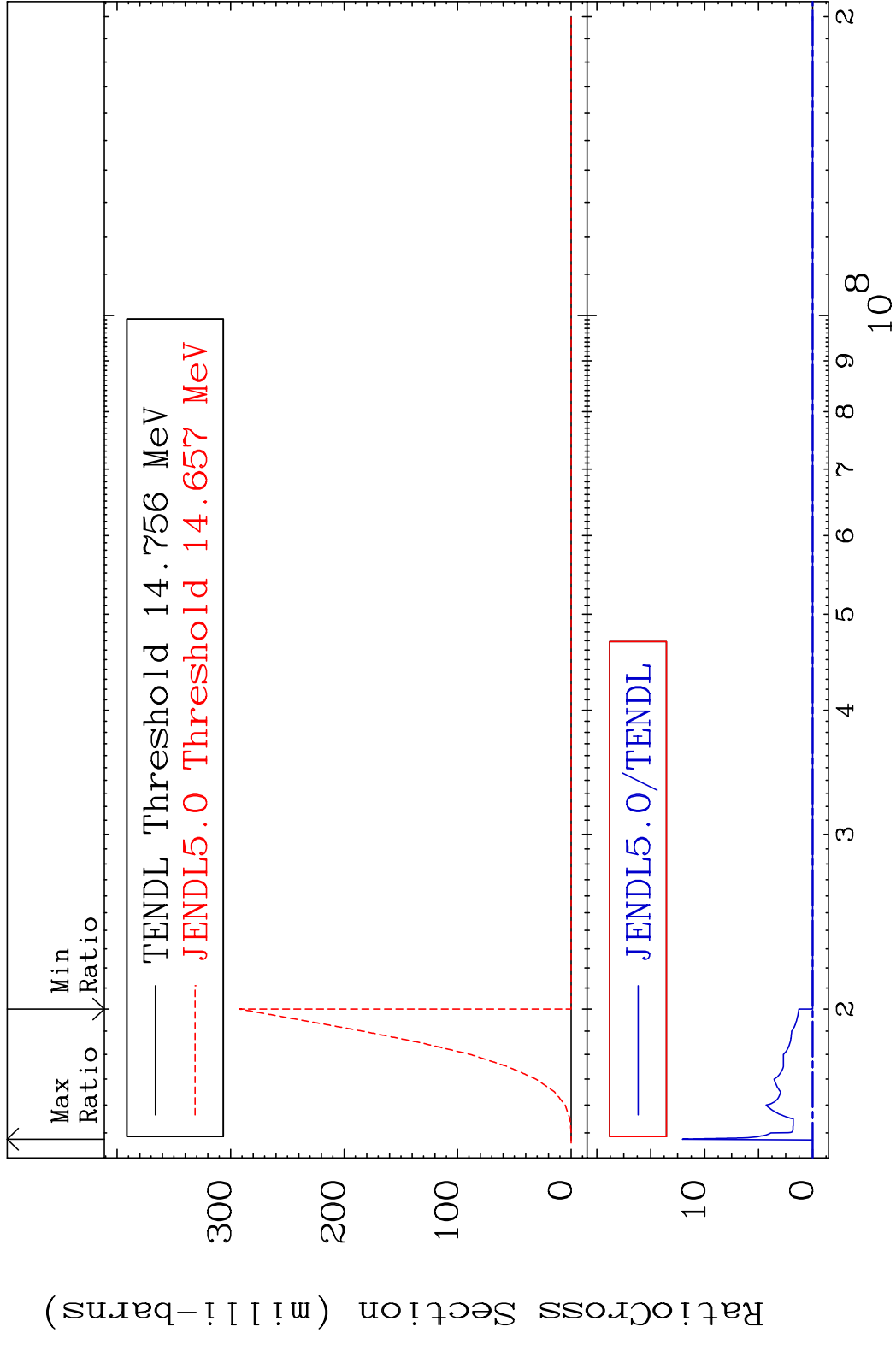
MAT 9933 Dpa disappearance (mt102 -120) 100-Fm-252
 Cross Section -100.0 To 9999. %



MAT 9933 (n, 3n): 100-Fm-250g 100-Fm-252
 Radionuclide Production Cross Section to 9999. %

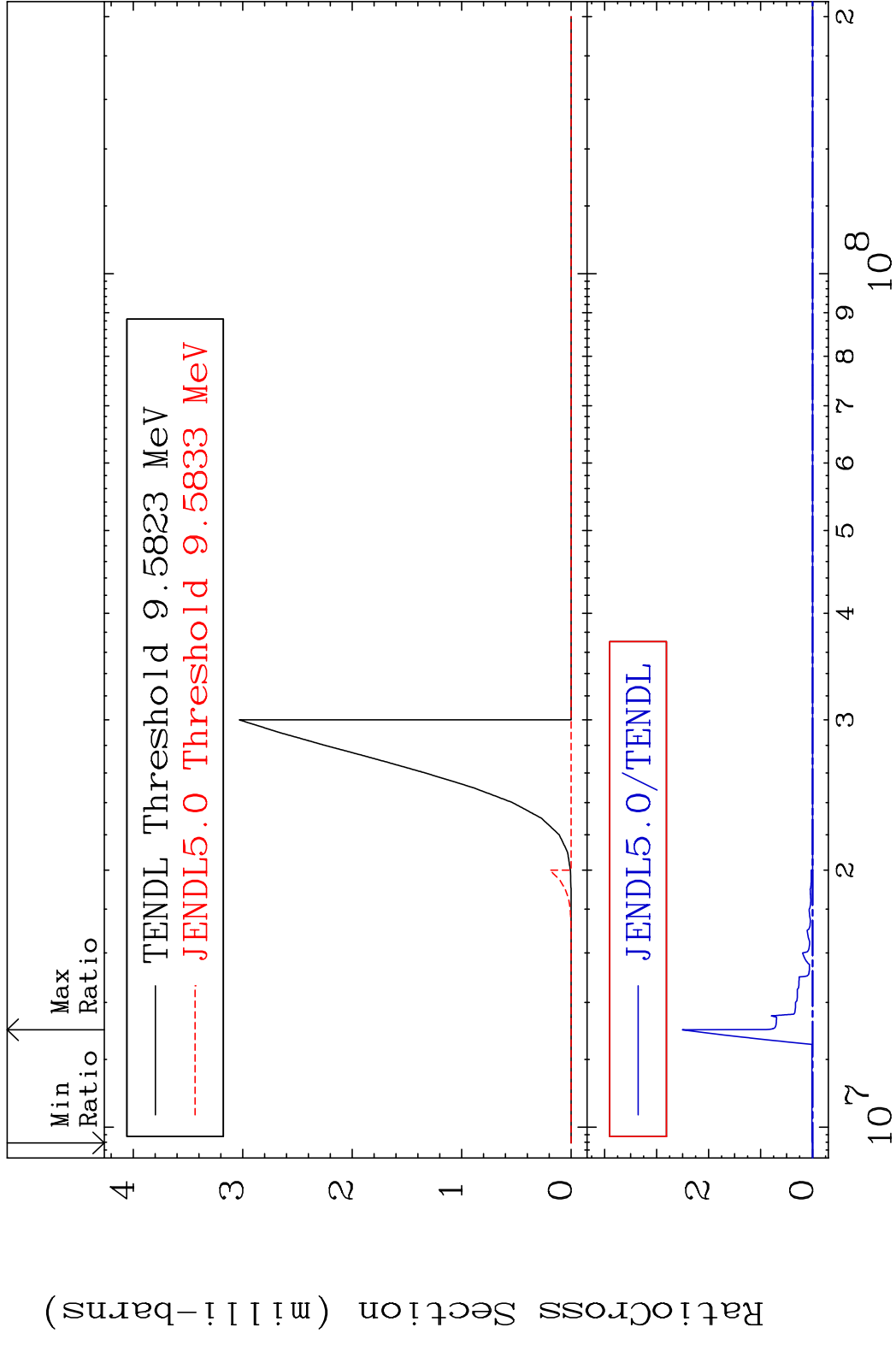


MAT 9933 (n, 3n): 100-Fm-250m1 100-Fm-252
 Radionuclide Production Cross Section Ratio 9999. %



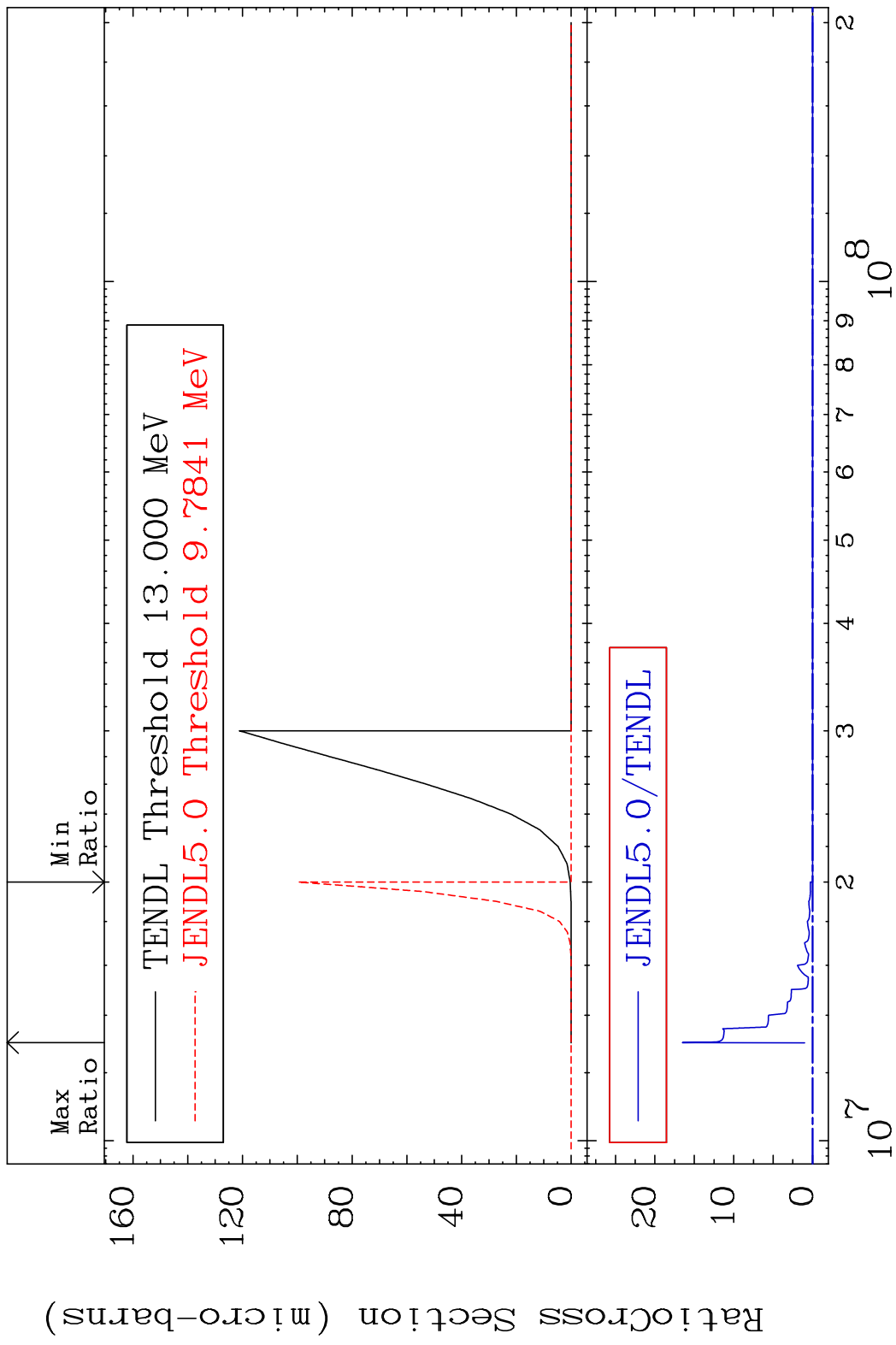
40 Incident Energy (eV) 100-Fm-252

MAT 9933 (n, n') d:99-Es-250g 100-Fm-252
 Radionuclide Production Cross Section to 9999. %

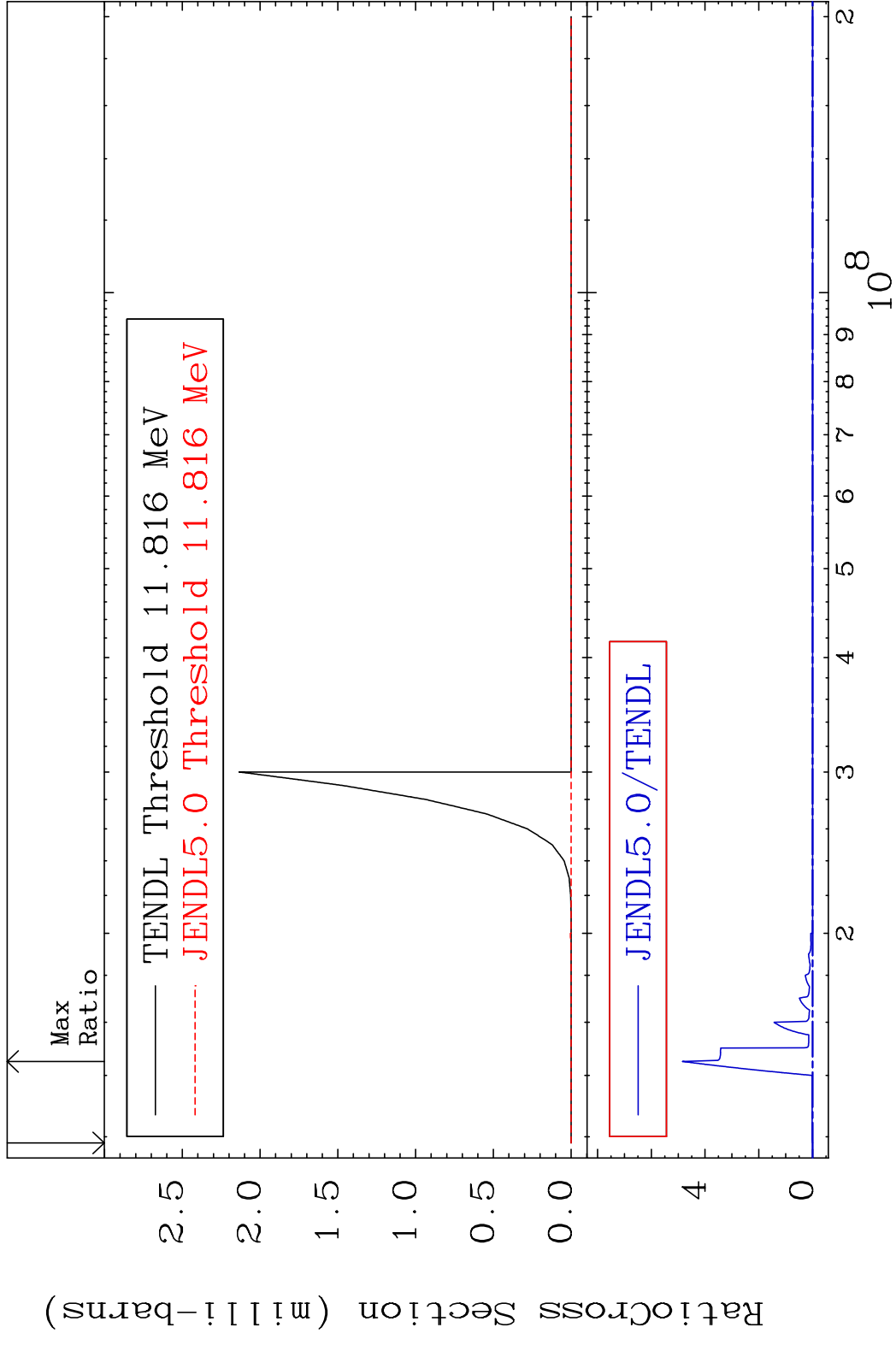


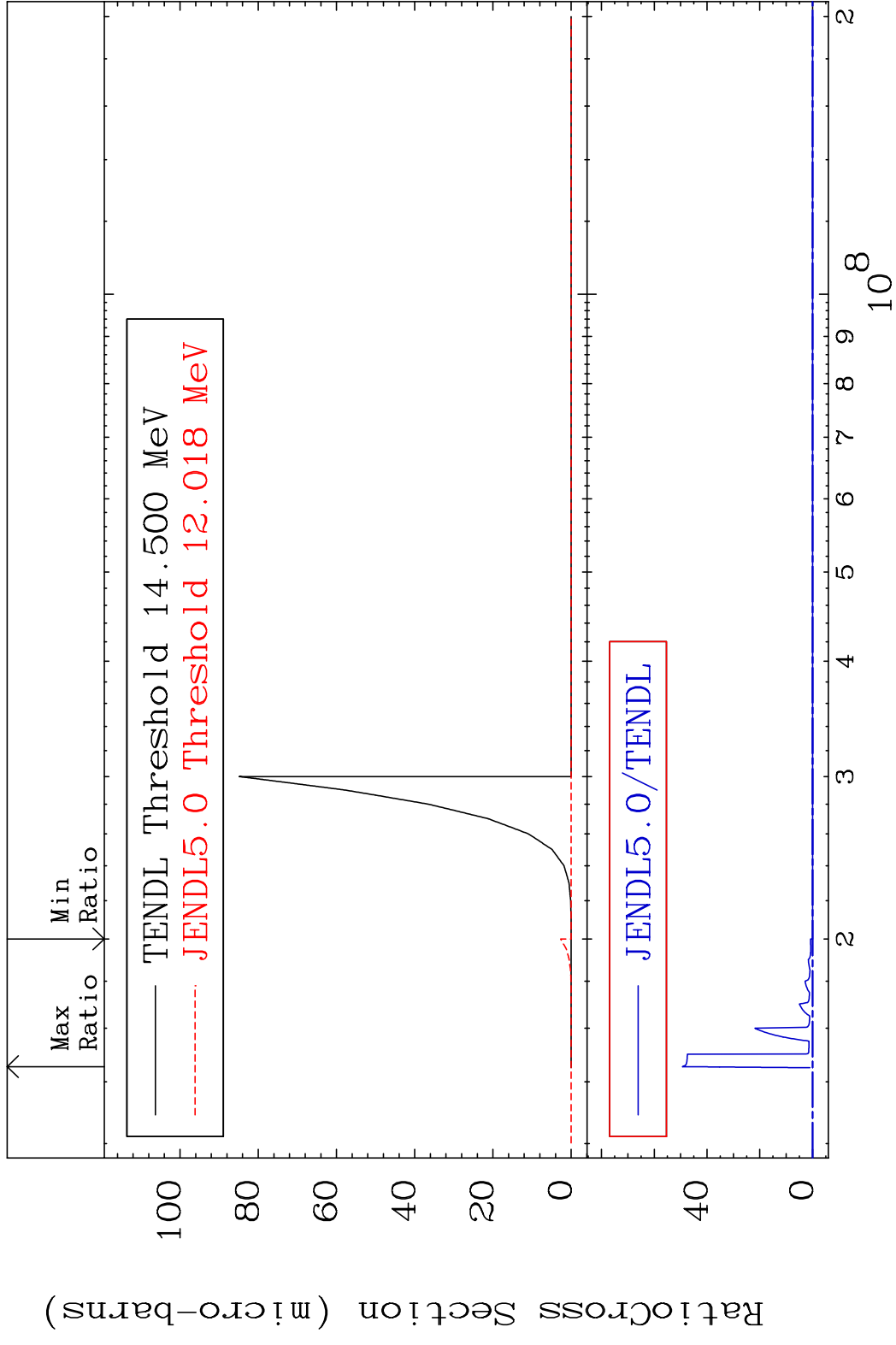
41 Incident Energy (eV) 100-Fm-252

MAT 9933 (n, n') d:99-Es-250m1 100-Fm-252
 Radionuclide Production Cross Section 100-Fm-252

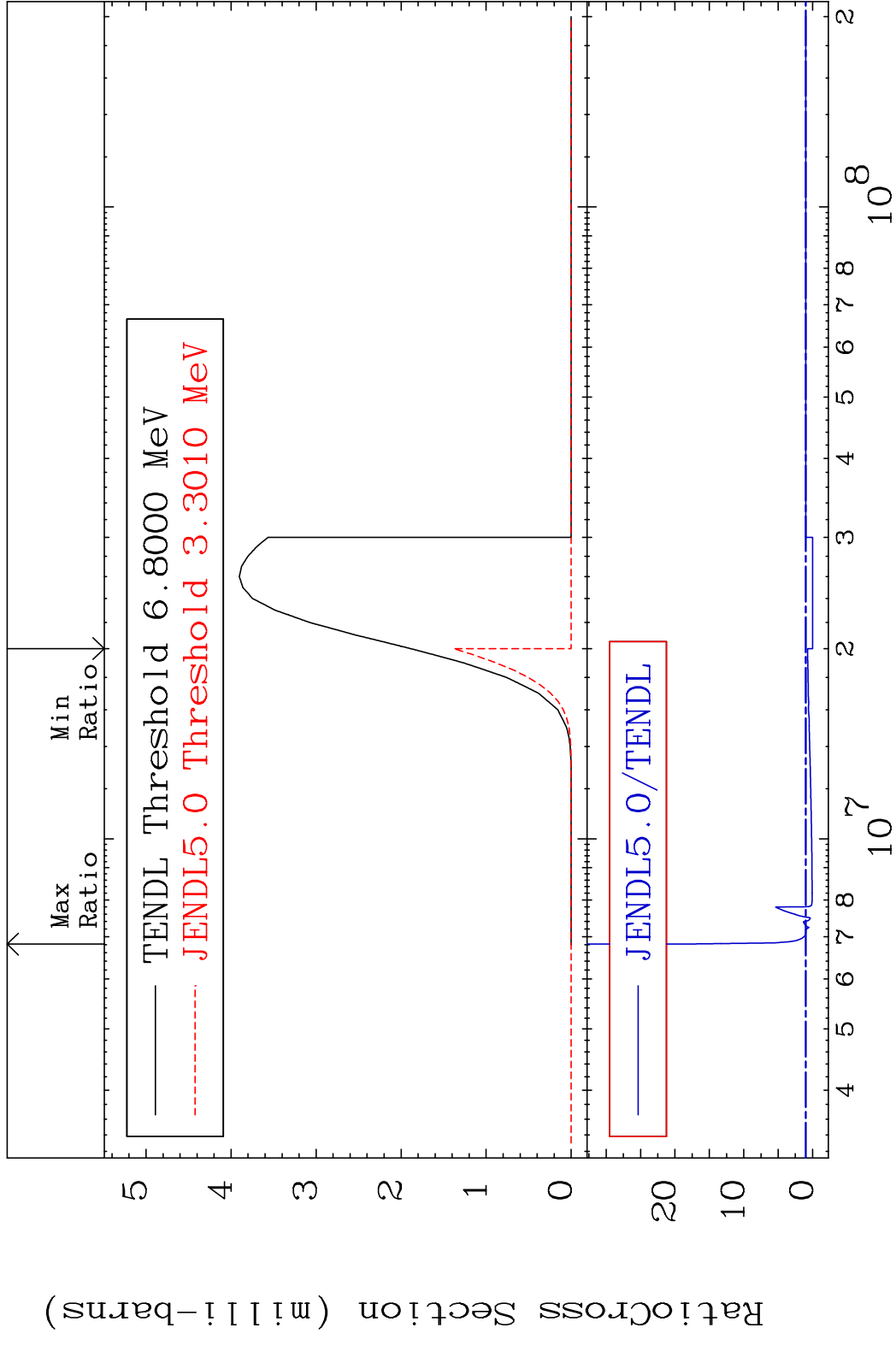


42 Incident Energy (eV) 100-Fm-252





MAT 9933 (n, t):99-Es-250g 100-Fm-252
 Radionuclide Production Cross Section 1800.0 dth 1792. %



45 Incident Energy (eV) 100-Fm-252

MAT 9933 (n, t): 99-Es-250m1 100-Fm-252
 Radionuclide Production Cross Section 180.01 dth 1175. %

