

Program Complot
(Version 2021-1)

by

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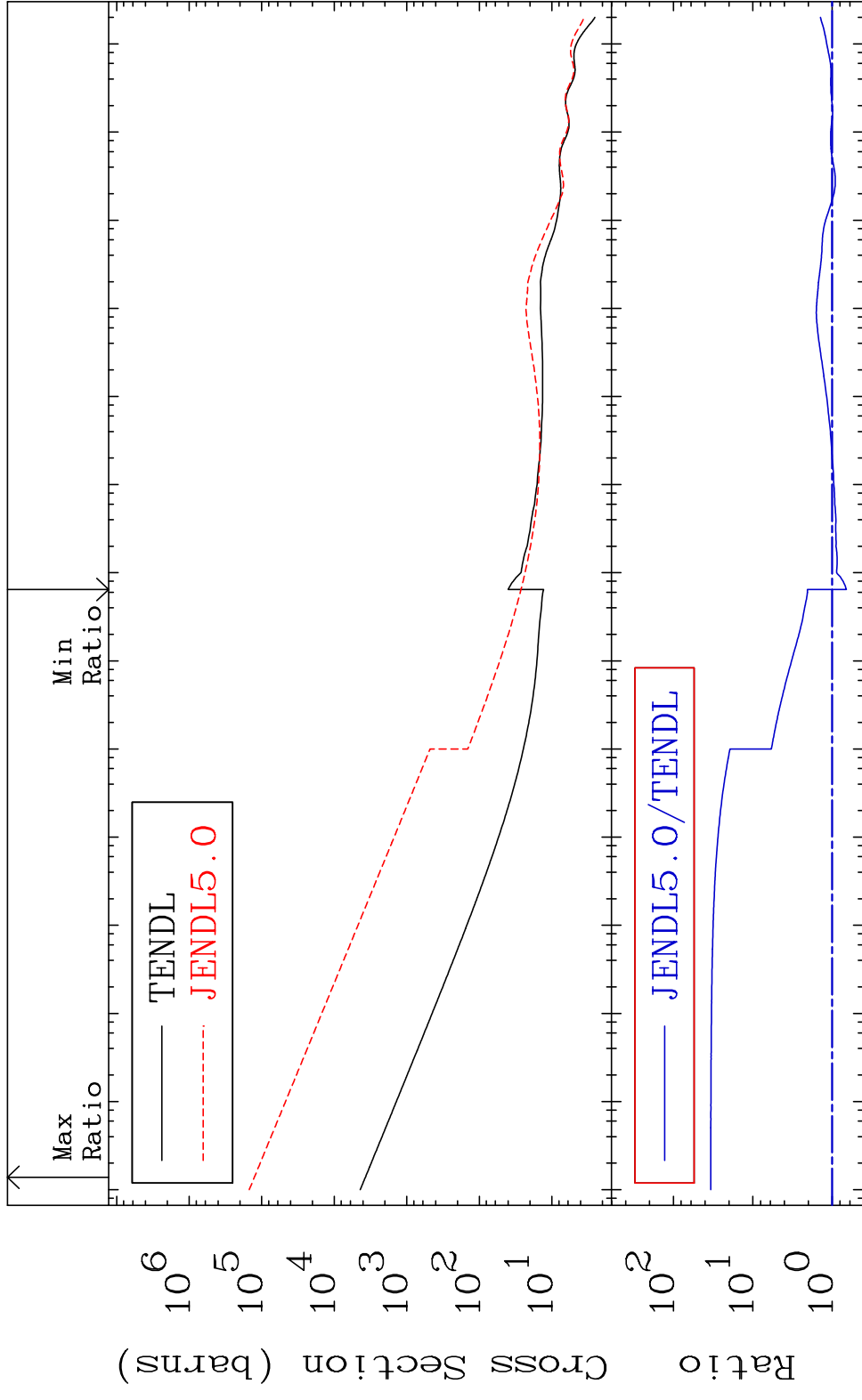
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9938 Total 100-Fm-257
 Cross Section -33.56 To 3296. %



10⁶
 10⁵
 10⁴
 10³
 10²
 10¹
 10²
 10¹
 10⁰
 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
 Incident Energy (eV) 100-Fm-257

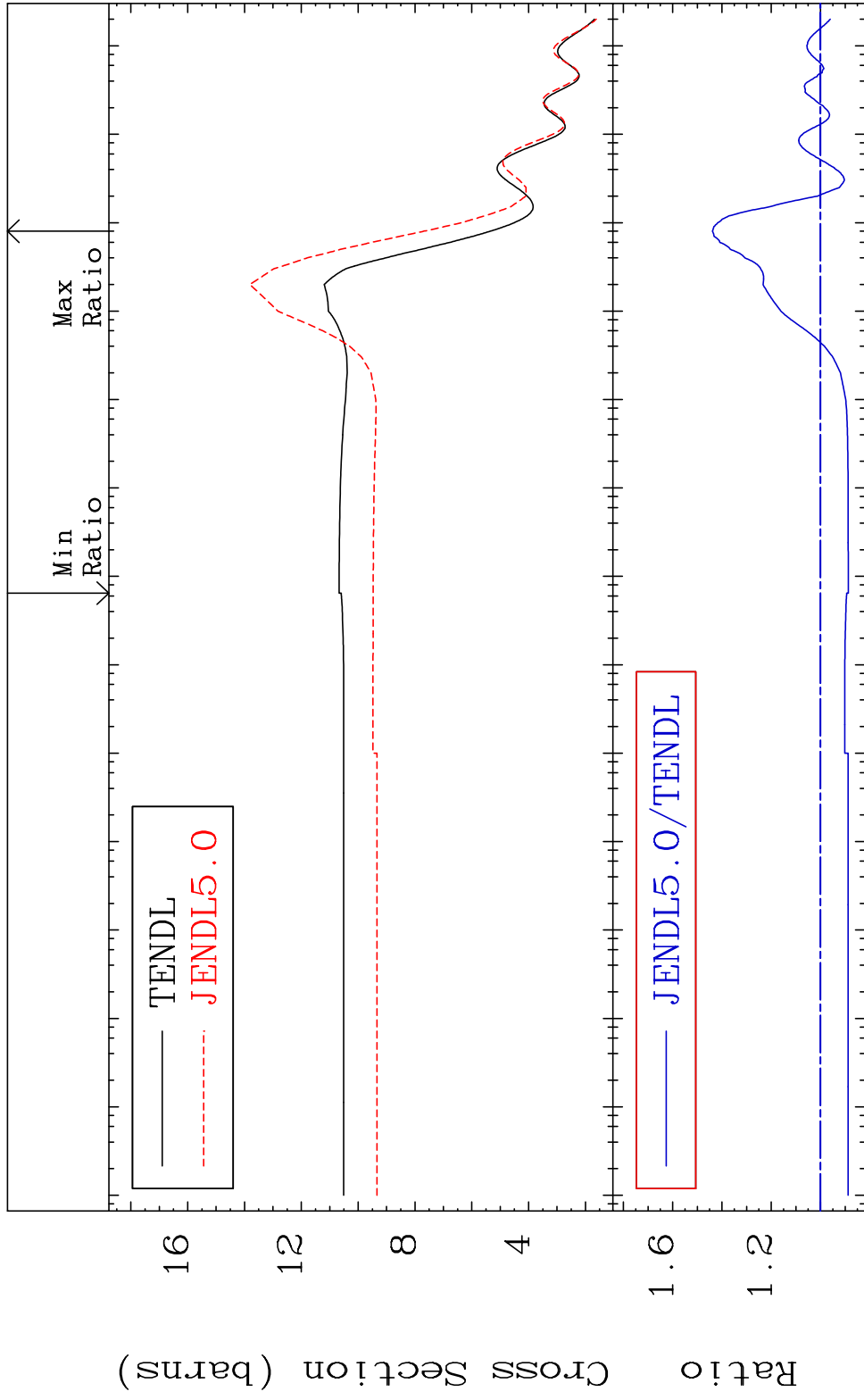
MAT 9938

Elastic

100-Fm-257

Cross Section

-11.27 To 43.89 %



16
12
8
4
1.6
1.2

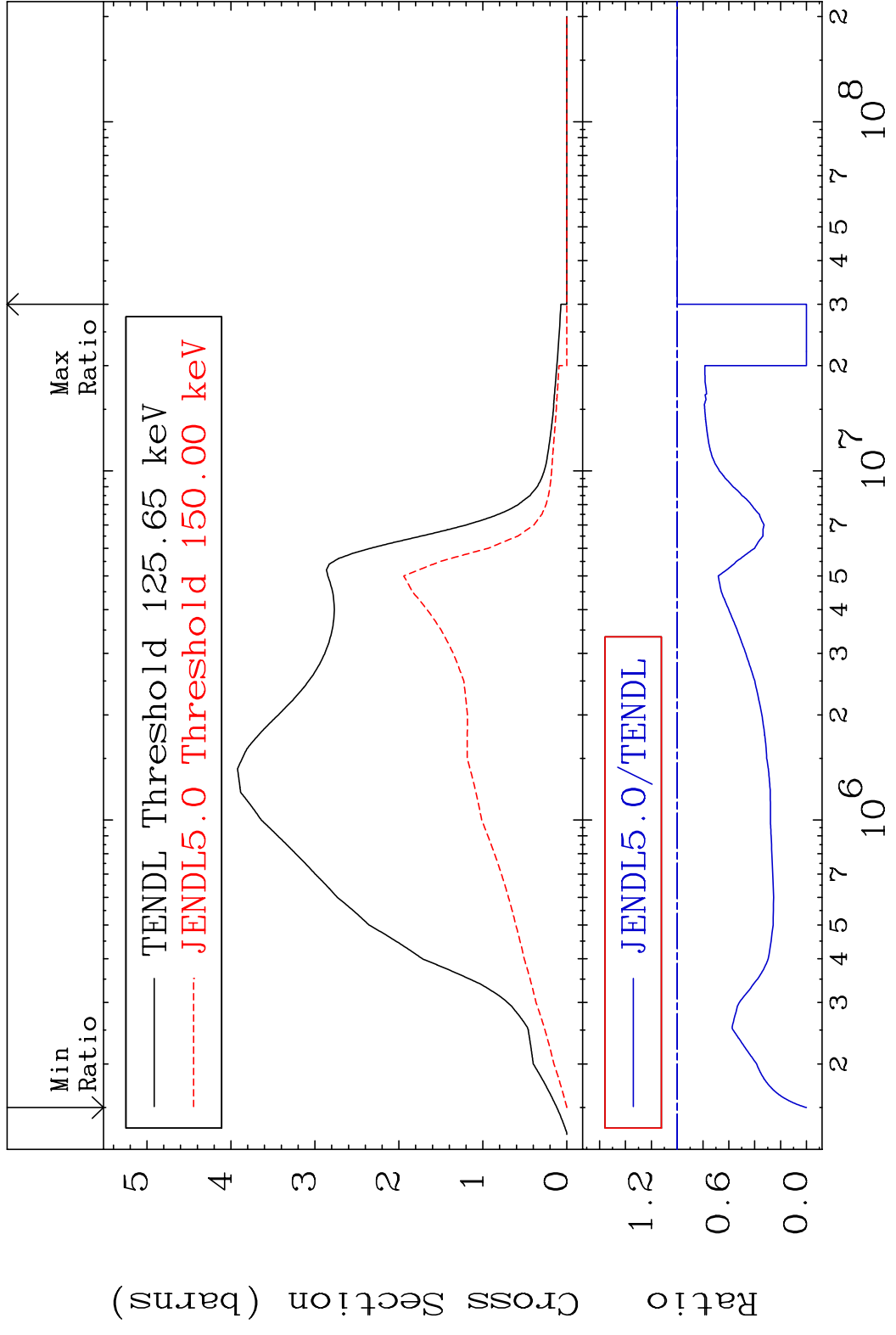
2

Incident Energy (eV)

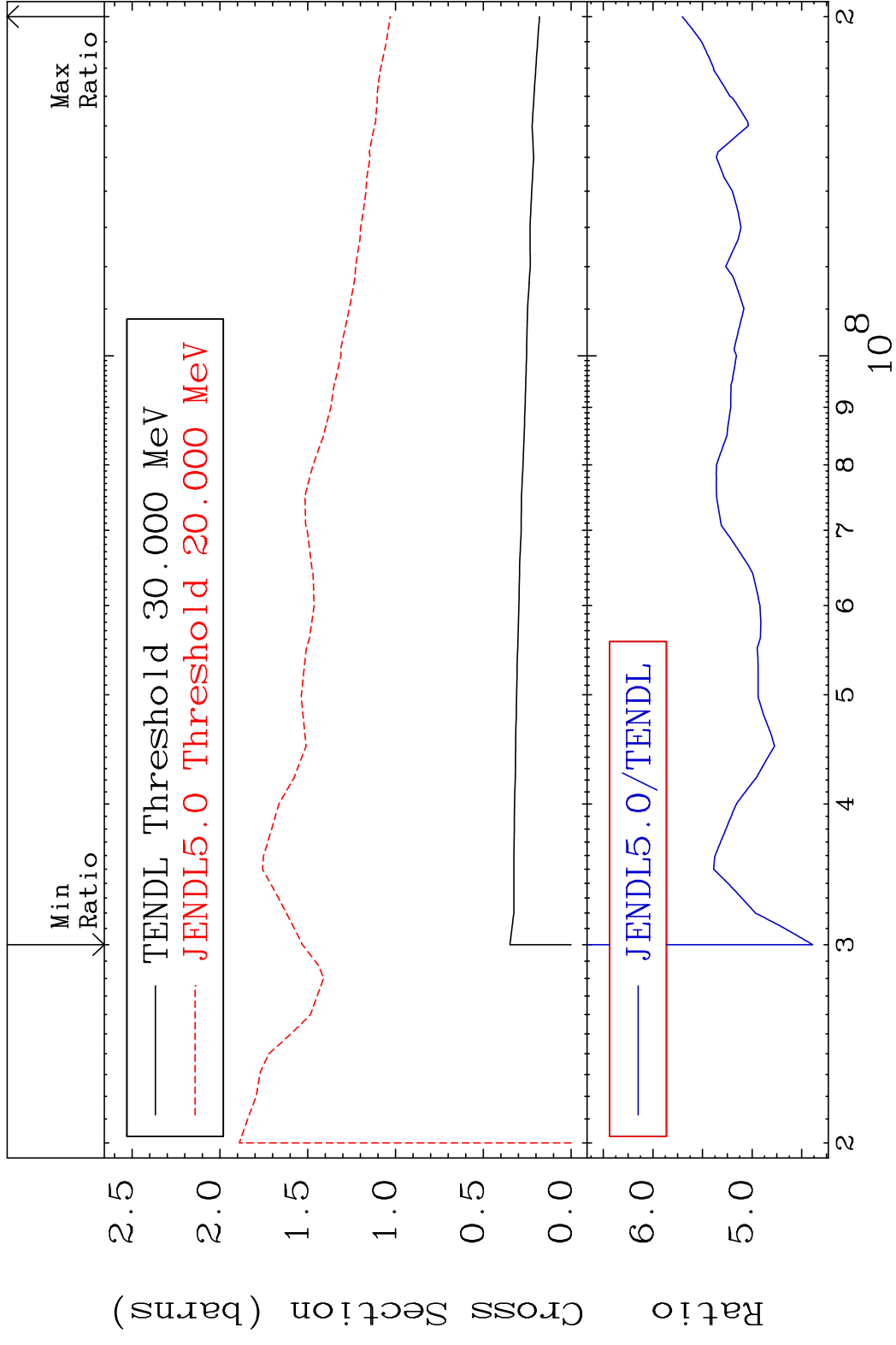
100-Fm-257

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

MAT 9938 Inelastic Cross Section 100-Fm-257
 Cross Section -100.0 To 0.000 %

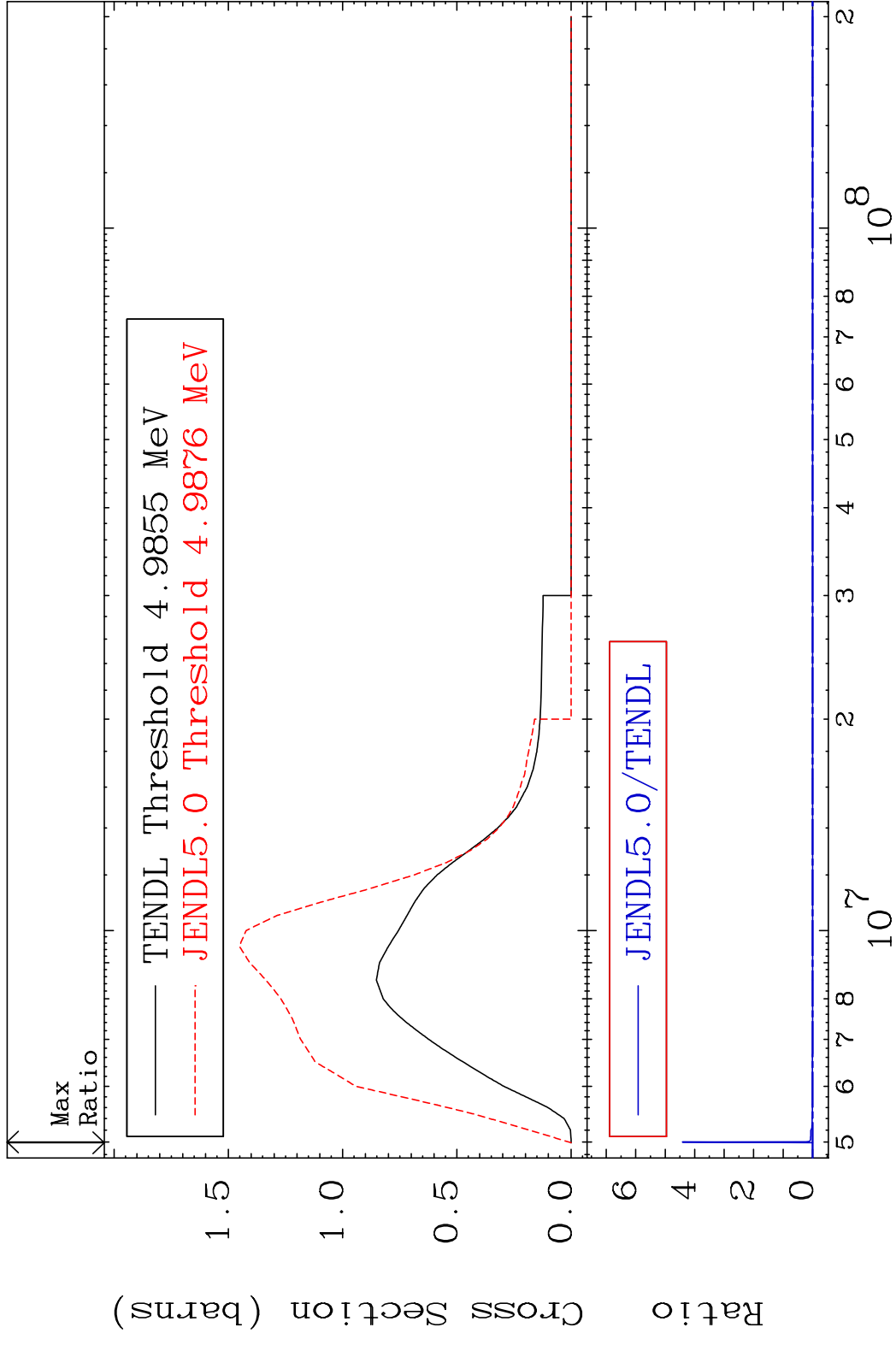


MAT 9938 (n, remainder) 100-Fm-257
 Cross Section 339.0 To 470.3 %



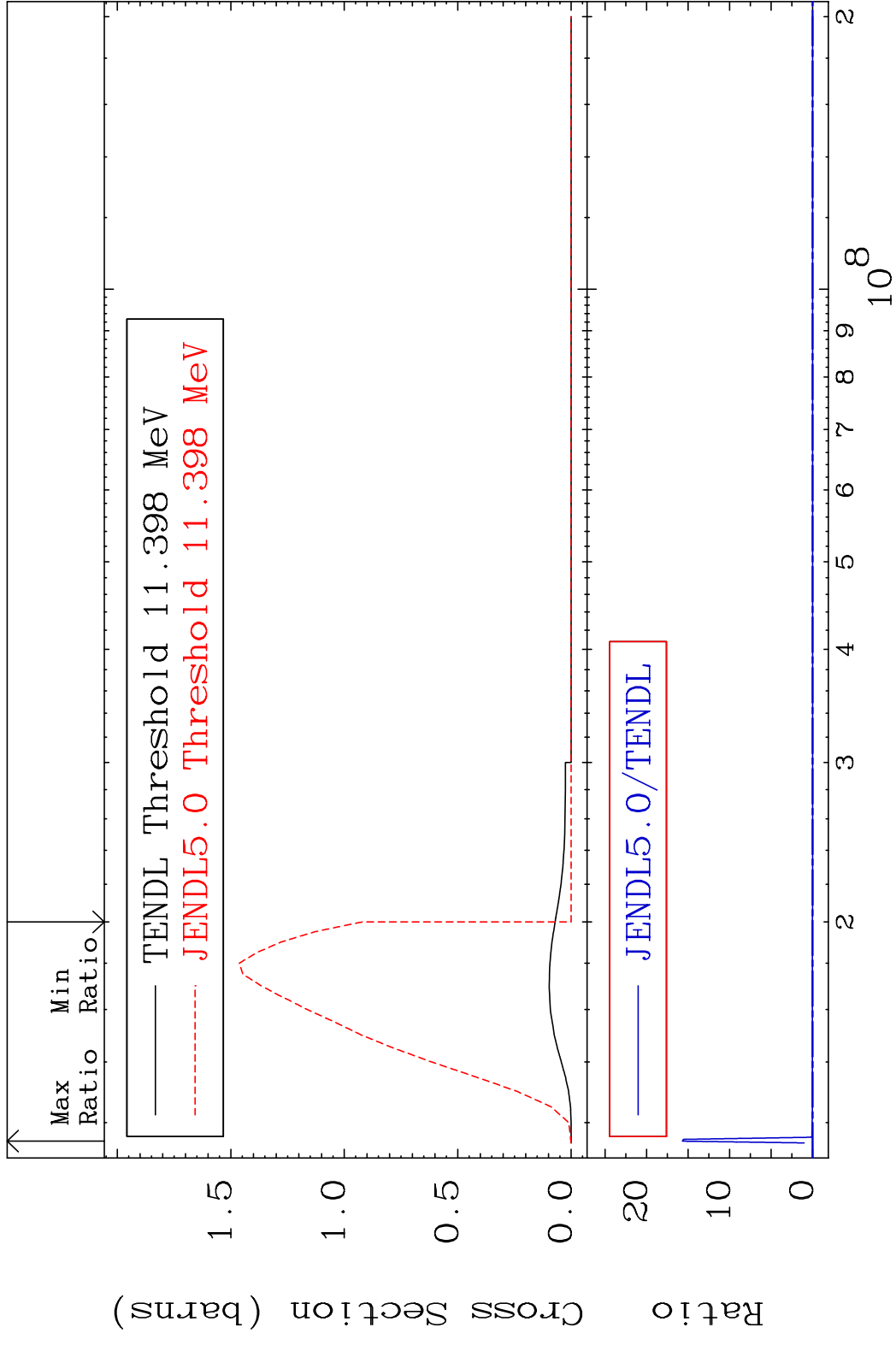
4 Incident Energy (eV) 100-Fm-257

MAT 9938 (n,2n) 100-Fm-257
 Cross Section -100.0 To 9999. %



5 Incident Energy (eV) 100-Fm-257

MAT 9938 (n,3n) 100-Fm-257
 Cross Section -100.0 To 9999. %

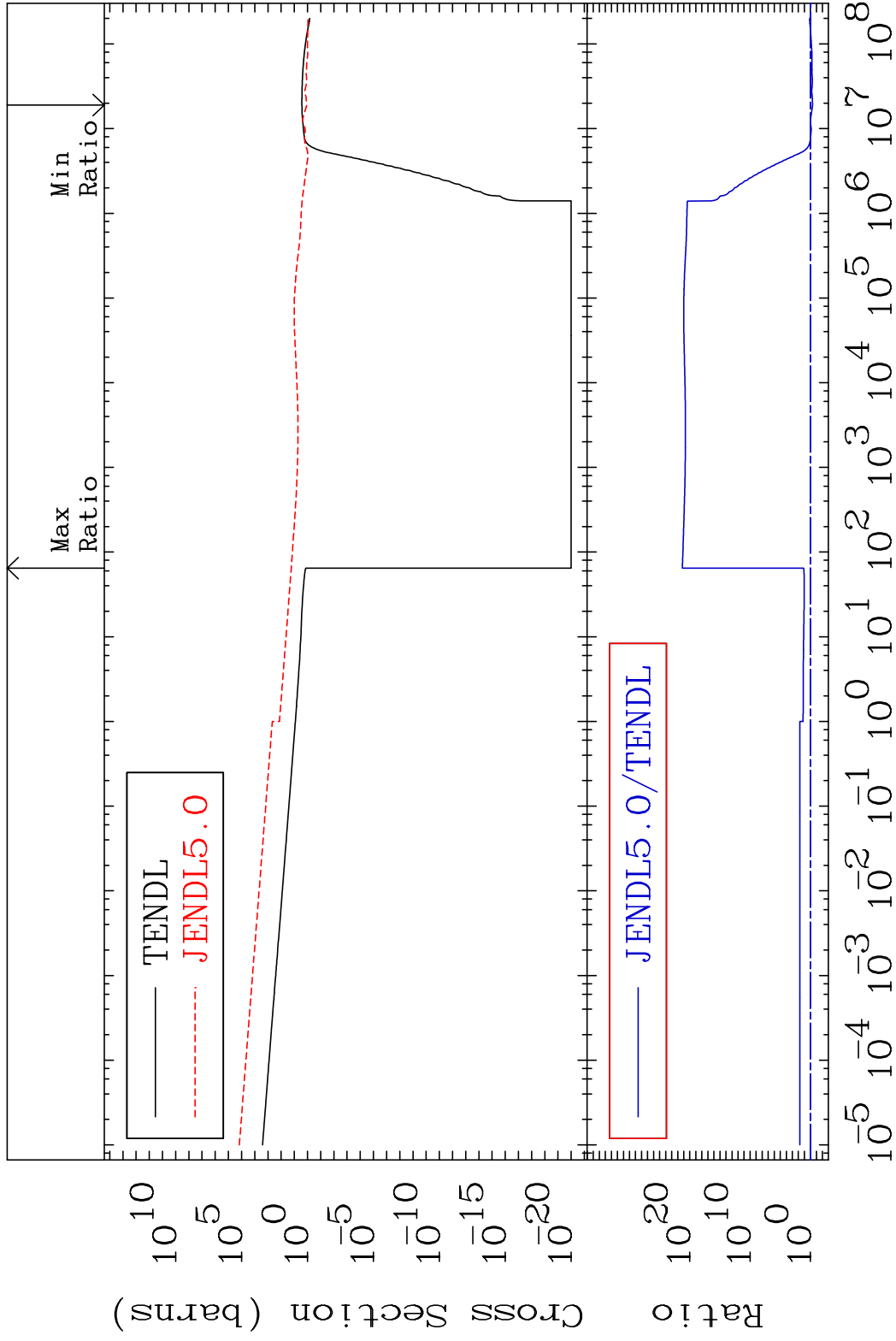


MAT 9938

Fission

100-Fm-257

Cross Section -56.06 To 9999. %



7

Incident Energy (eV)

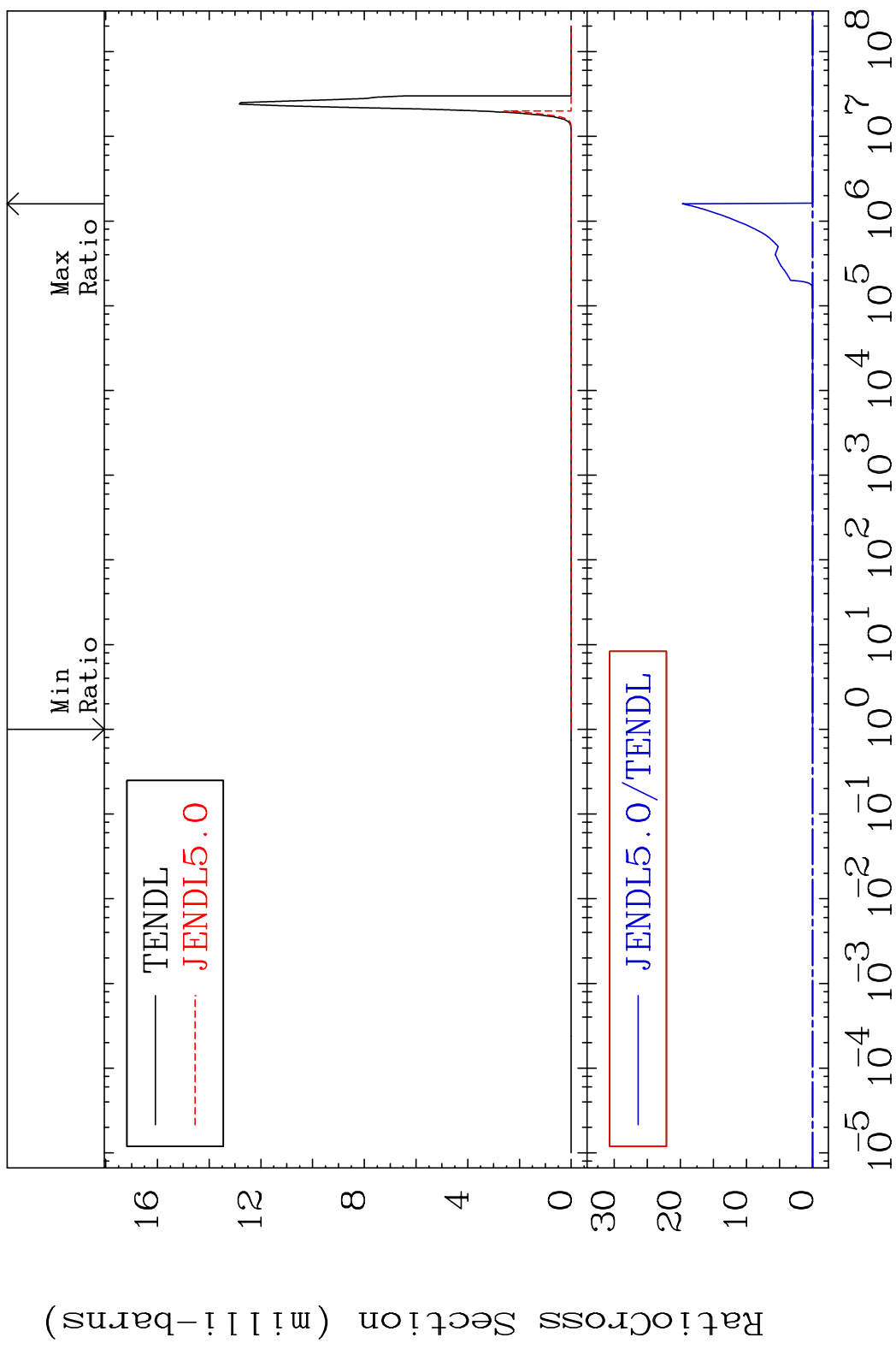
100-Fm-257

MAT 9938

(n, n') α

100-Fm-257

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

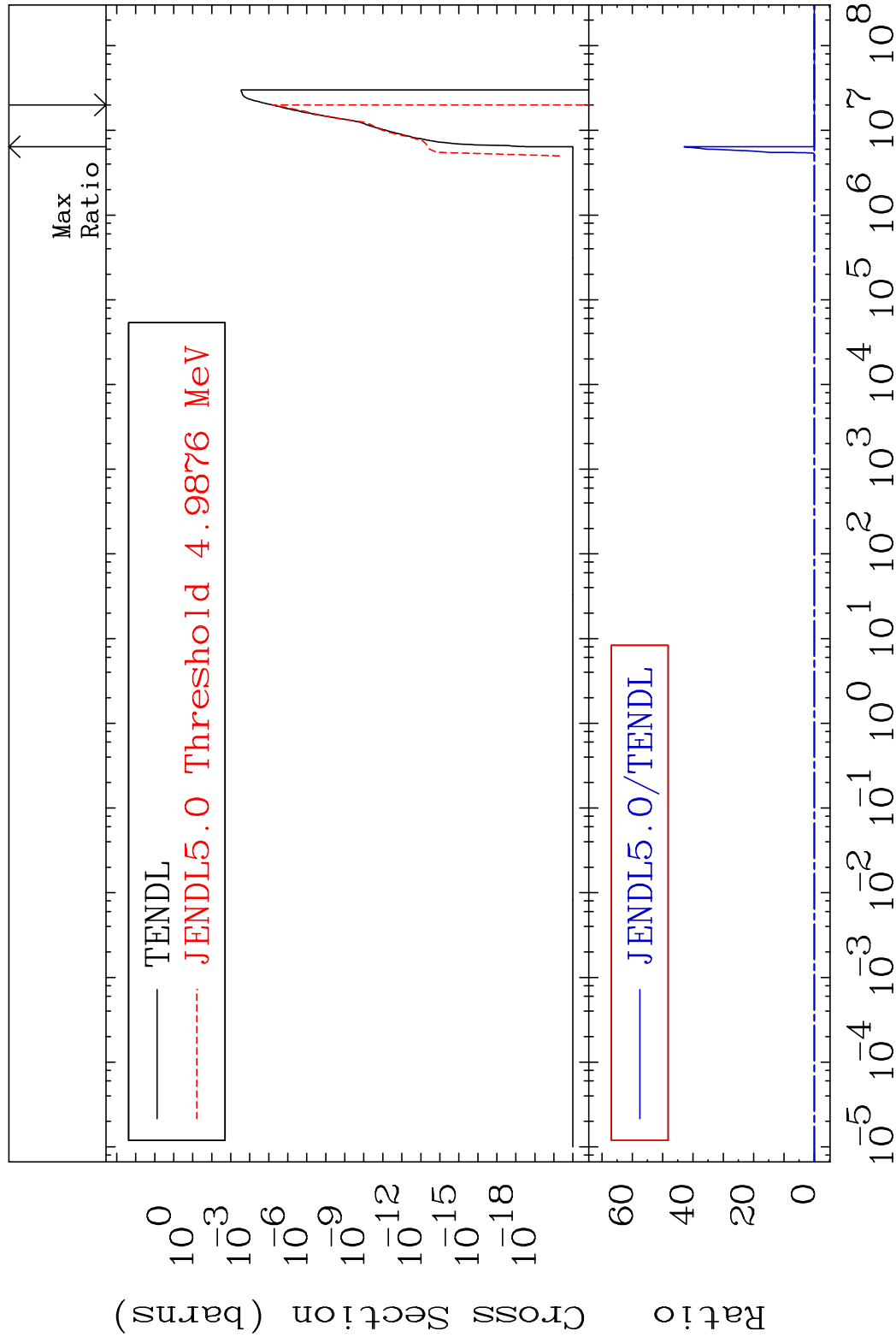
100-Fm-257

MAT 9938

(n,2n) α

100-Fm-257

Cross Section -100.0 To 9999. %

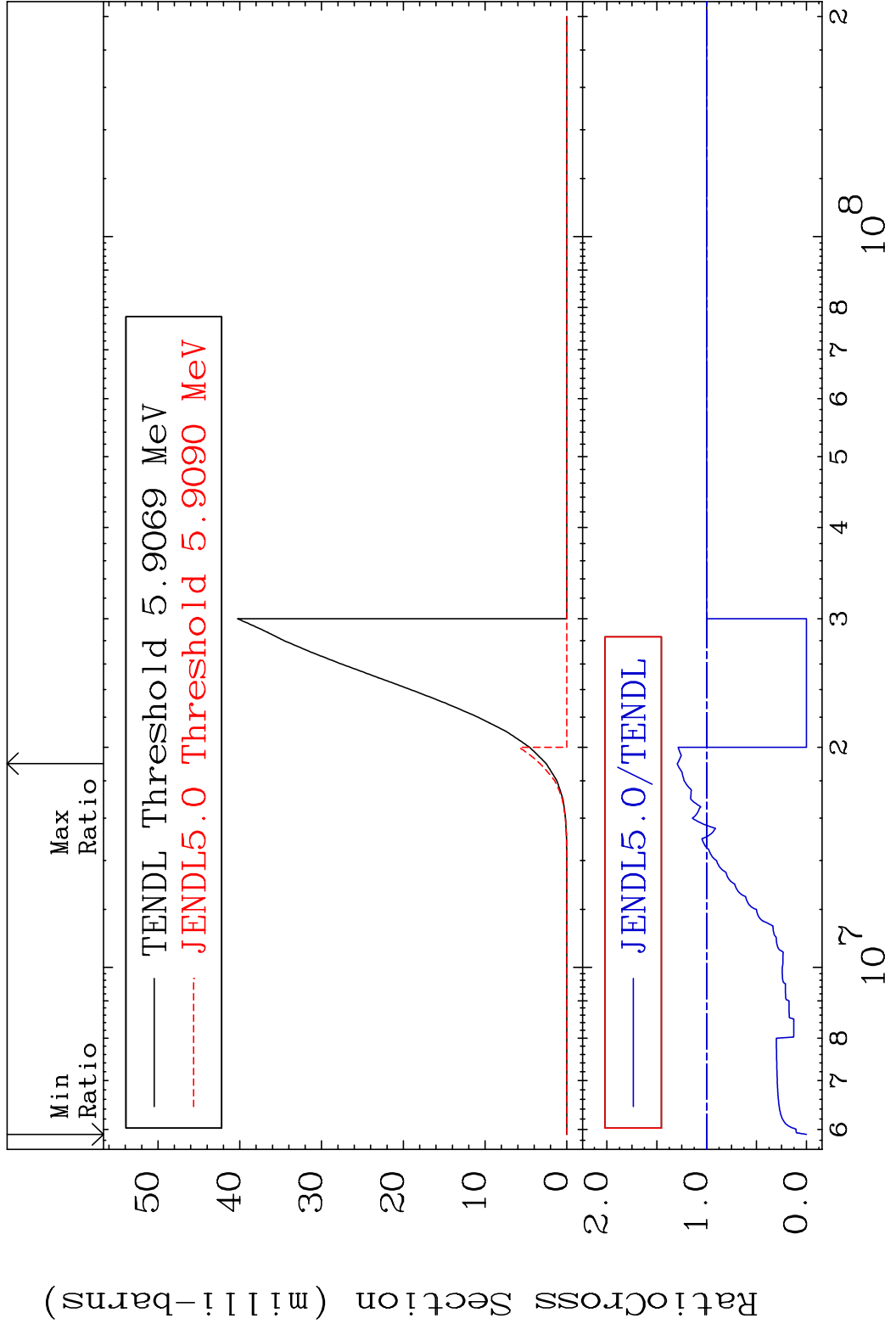


9

Incident Energy (eV)

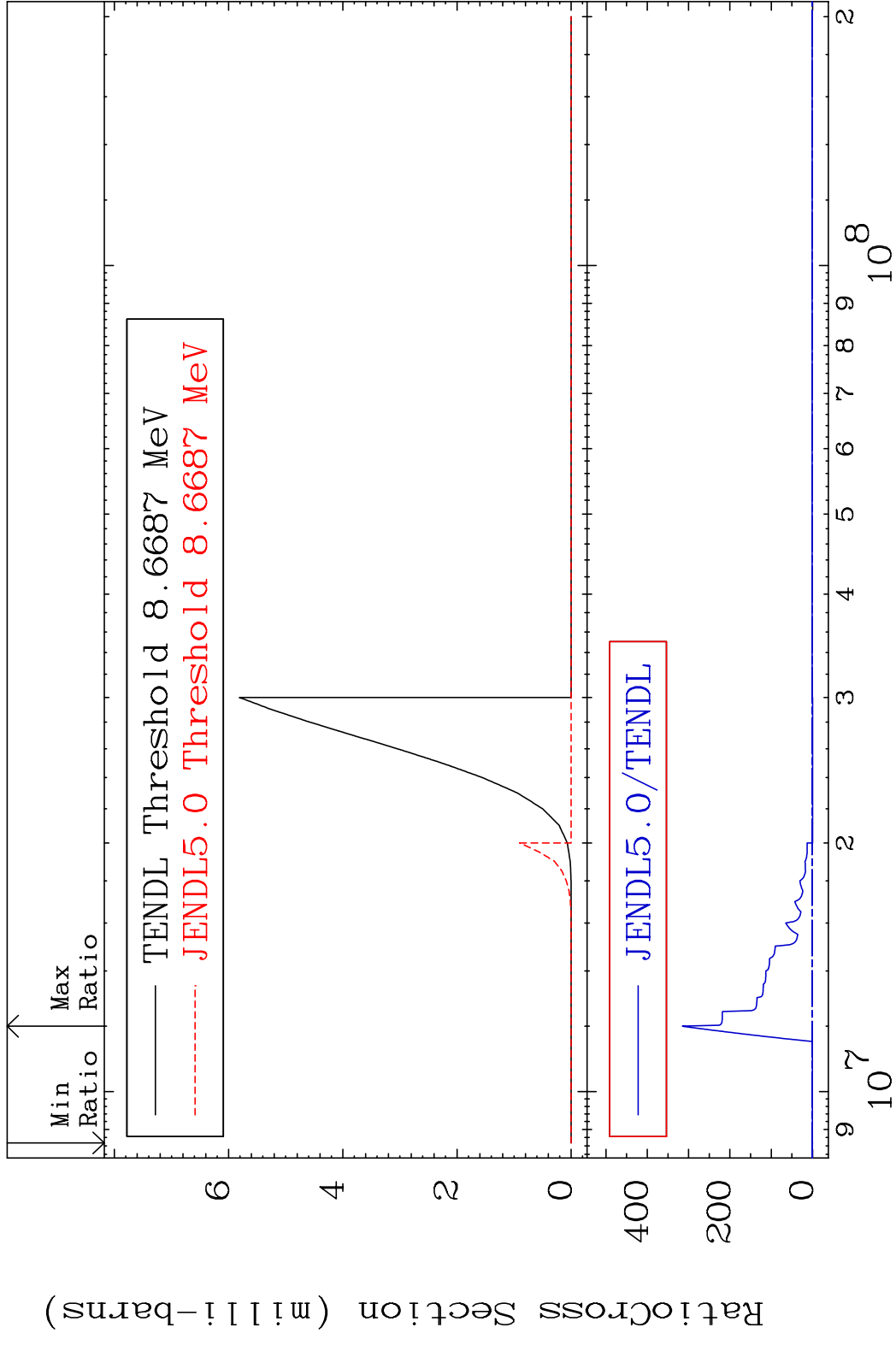
100-Fm-257

MAT 9938 (n, n') p 100-Fm-257
 Cross Section -100.0 To 29.56 %

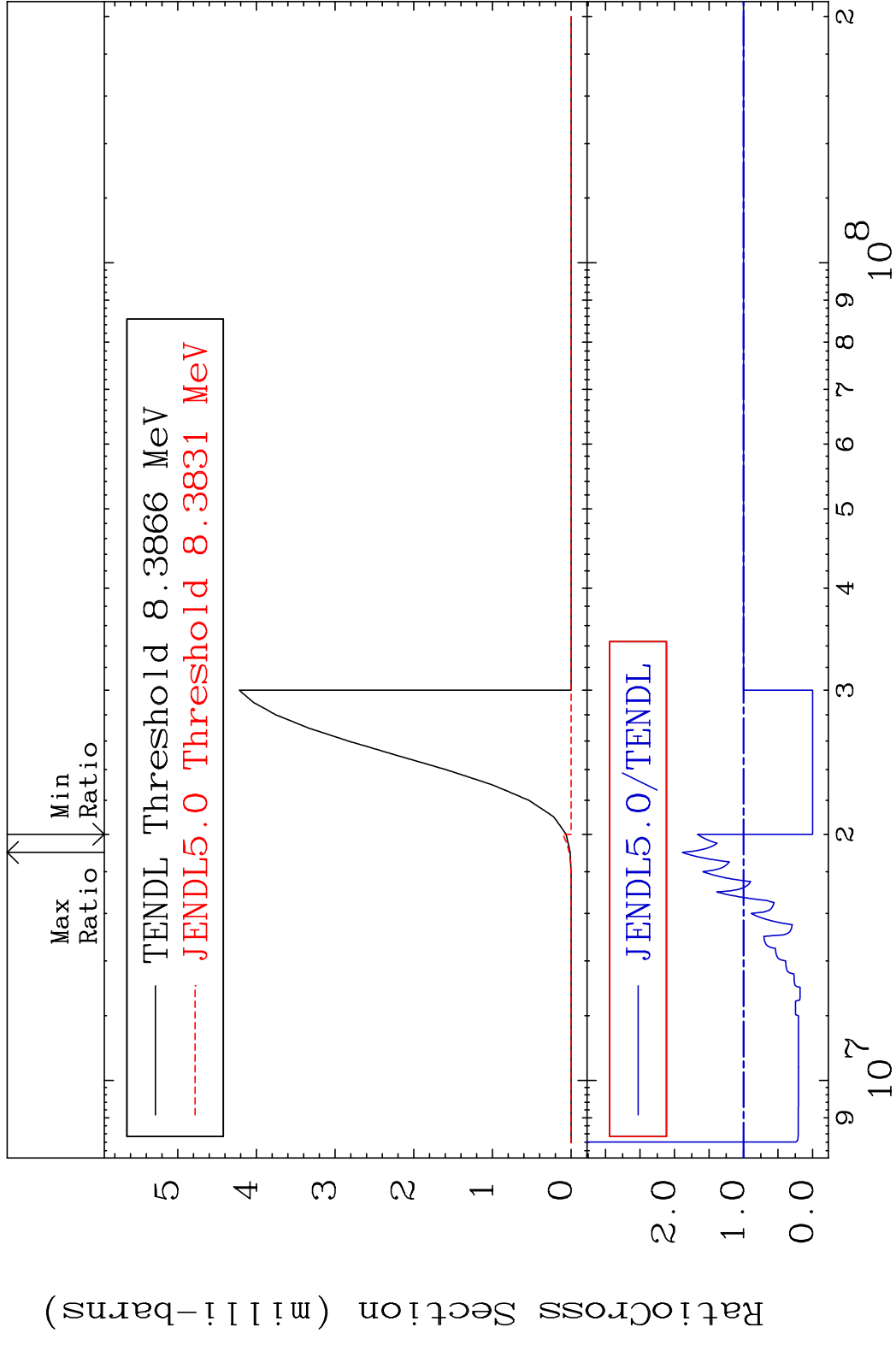


10 100-Fm-257

MAT 9938 (n, n') d 100-Fm-257
 Cross Section -100.0 To 9999. %

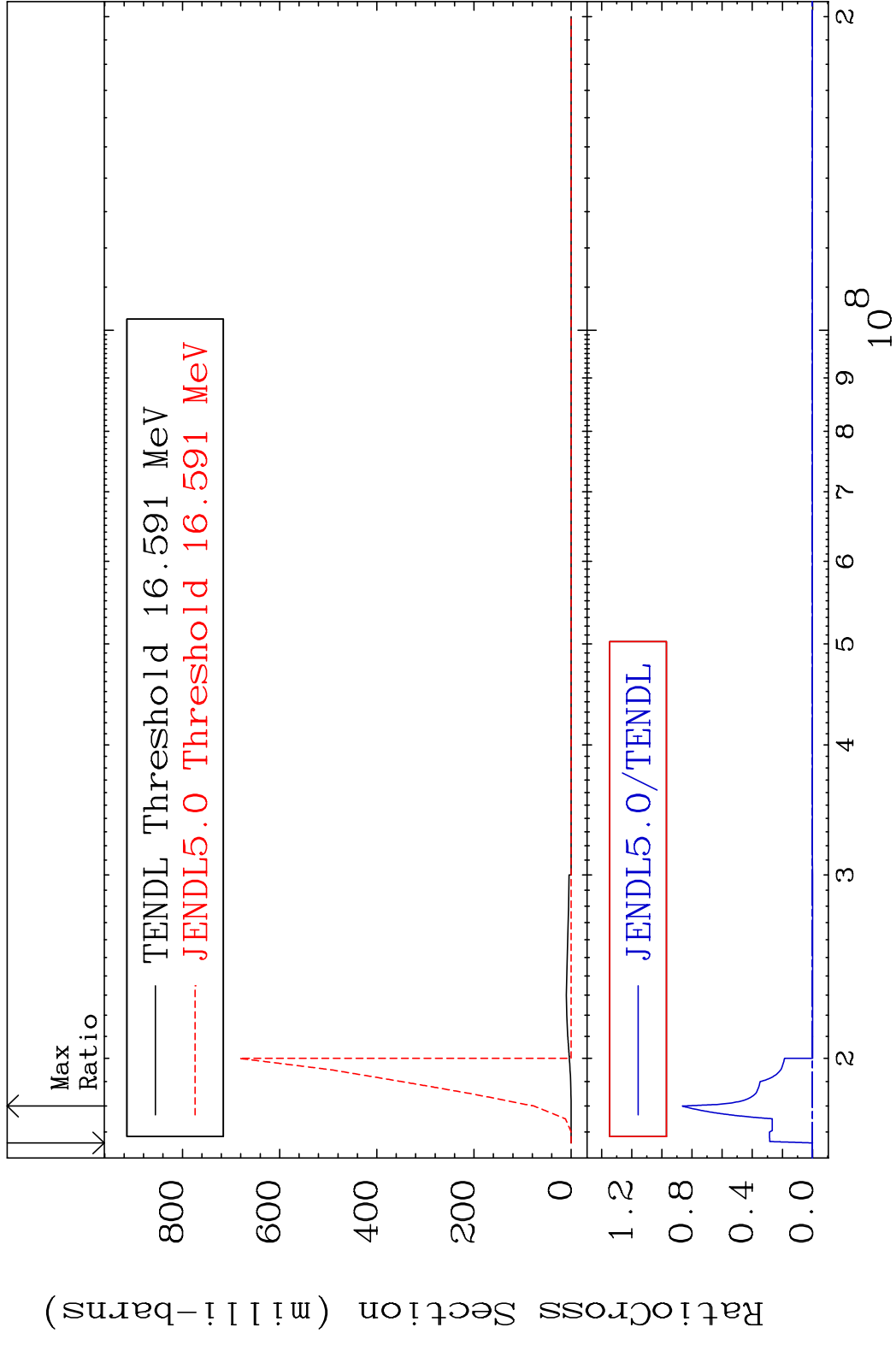


MAT 9938 (n, n') t 100-Fm-257
 Cross Section -100.0 To 88.60 %

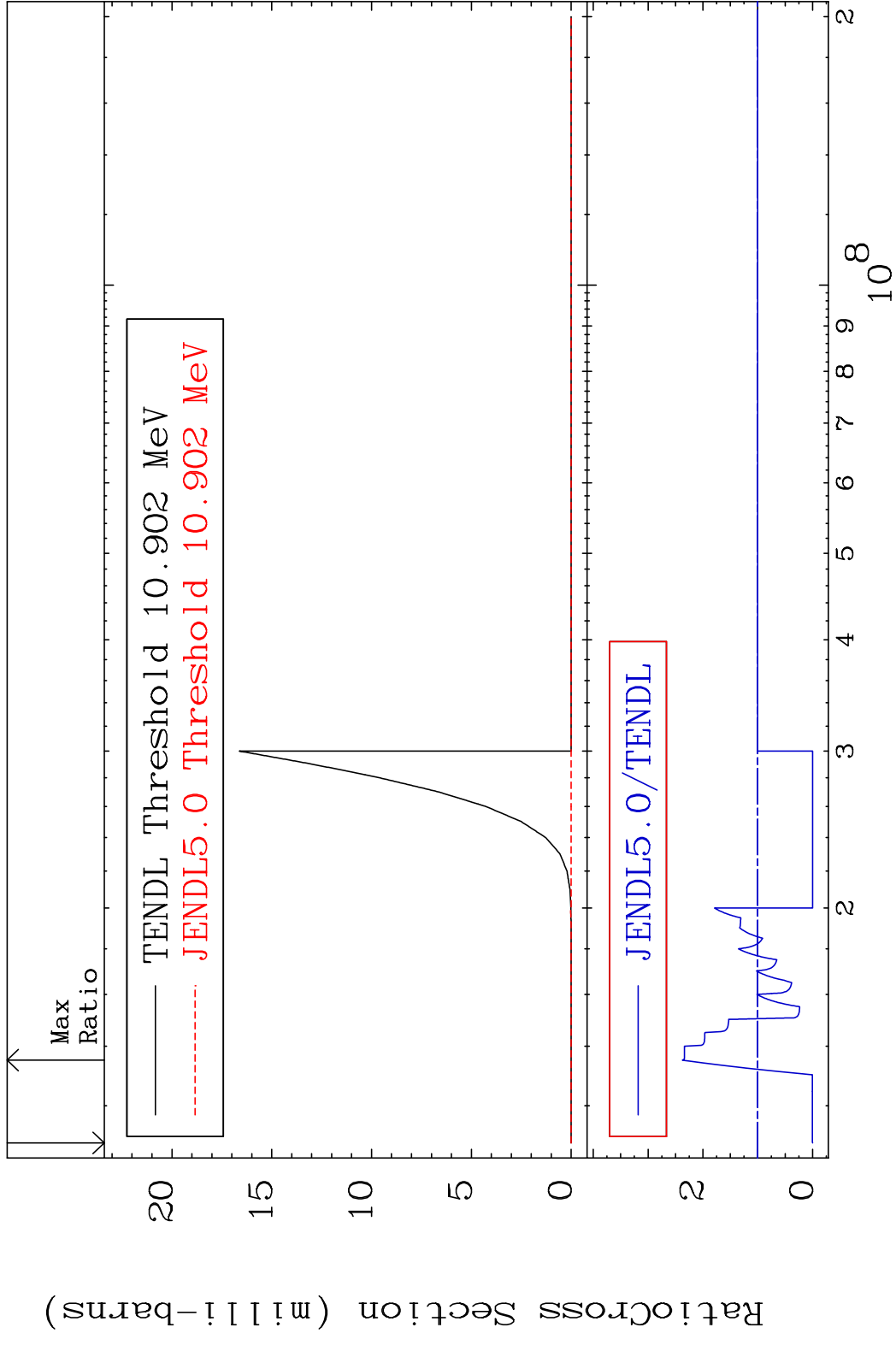


12 Incident Energy (eV) 100-Fm-257

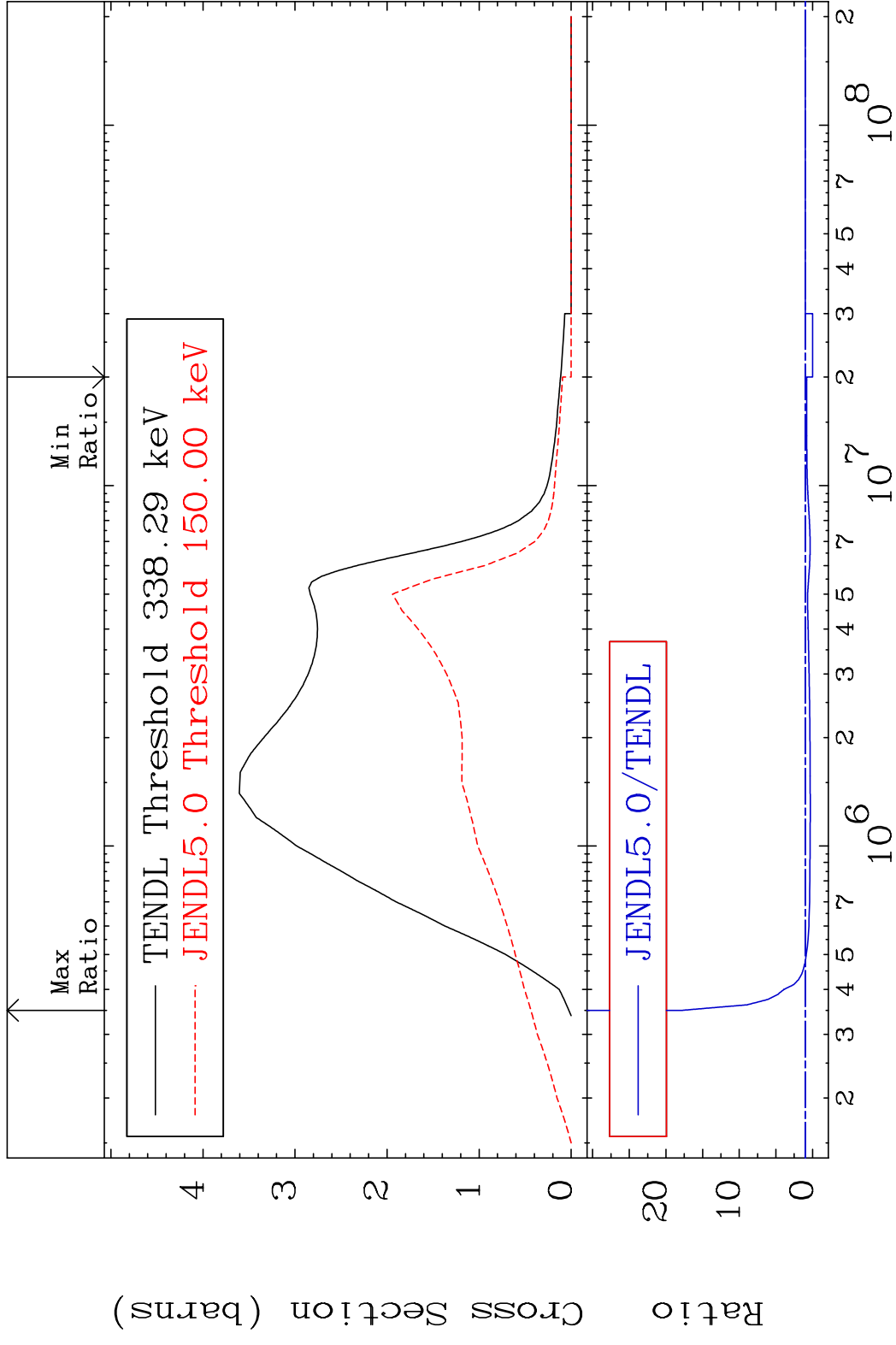
MAT 9938 (n,4n) 100-Fm-257
 Cross Section -100.0 To 9999. %



MAT 9938 (n,2n) p 100-Fm-257
 Cross Section -100.0 To 137.5 %



MAT 9938 (n,n') Continuum 100-Fm-257
 Cross Section -100.0 To 1676. %

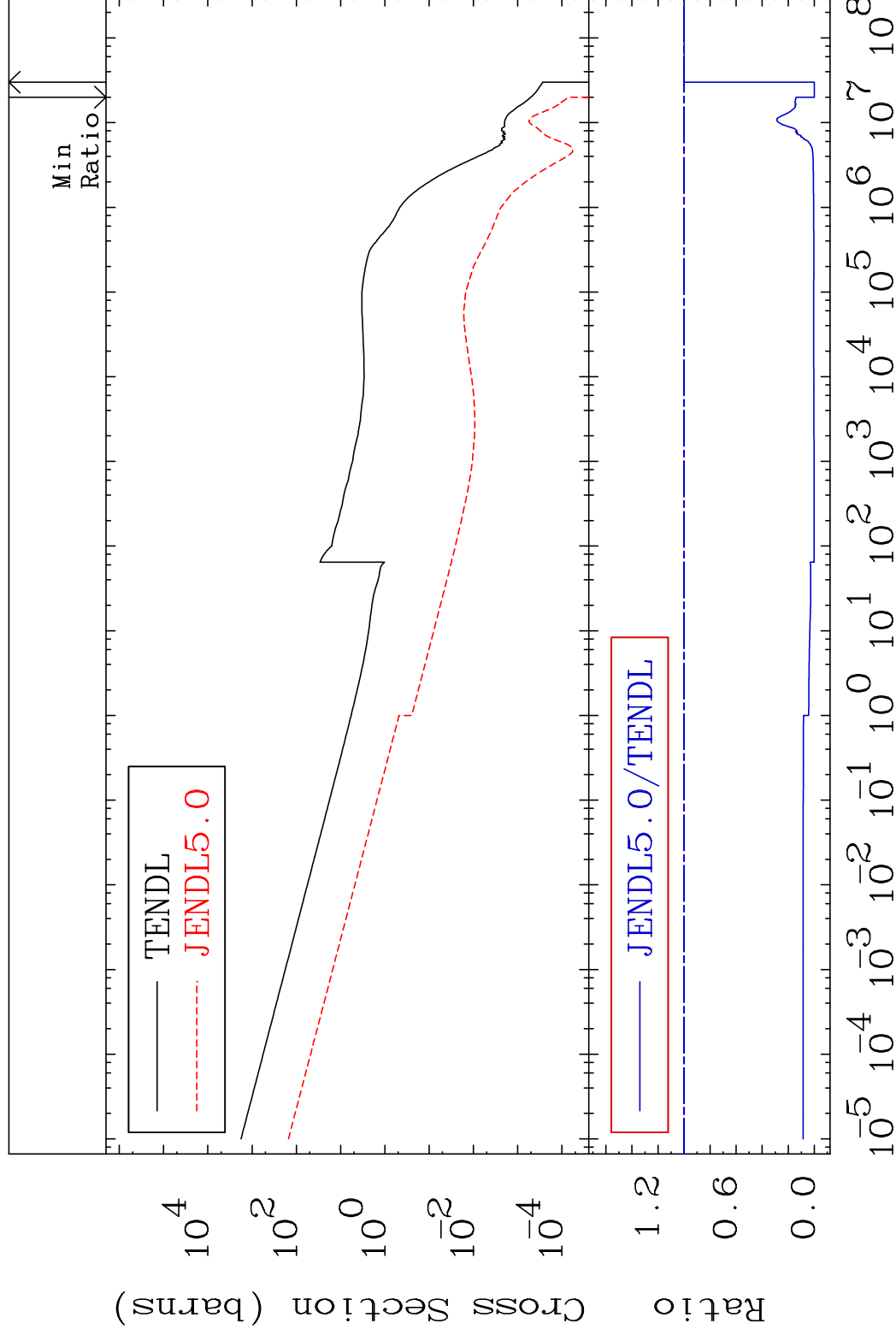


MAT 9938

(n, γ)

100-Fm-257

Cross Section -100.0 To 0.000 %

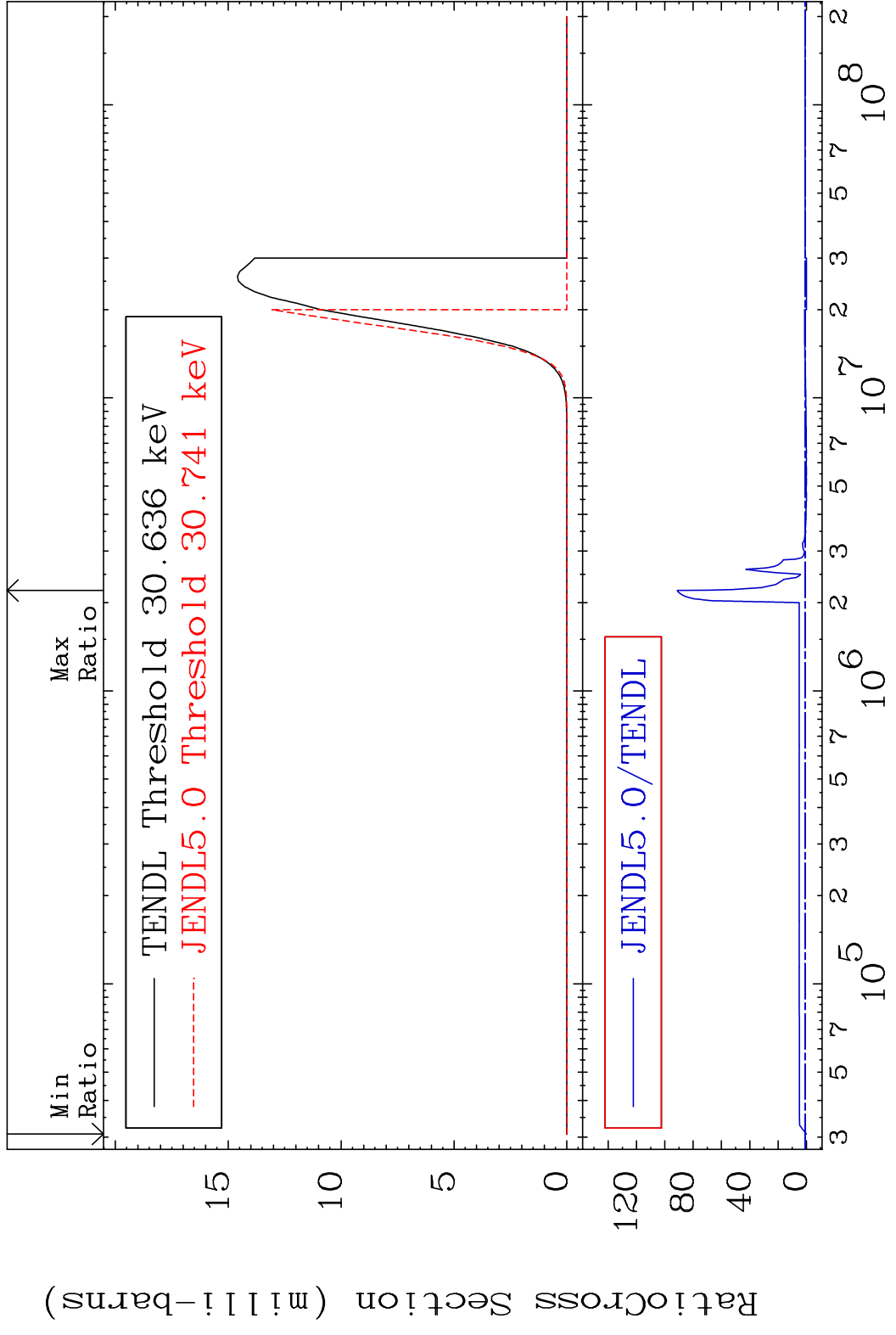


16

Incident Energy (eV)

100-Fm-257

MAT 9938 (n,p) 100-Fm-257
 Cross Section -100.0 To 9027. %

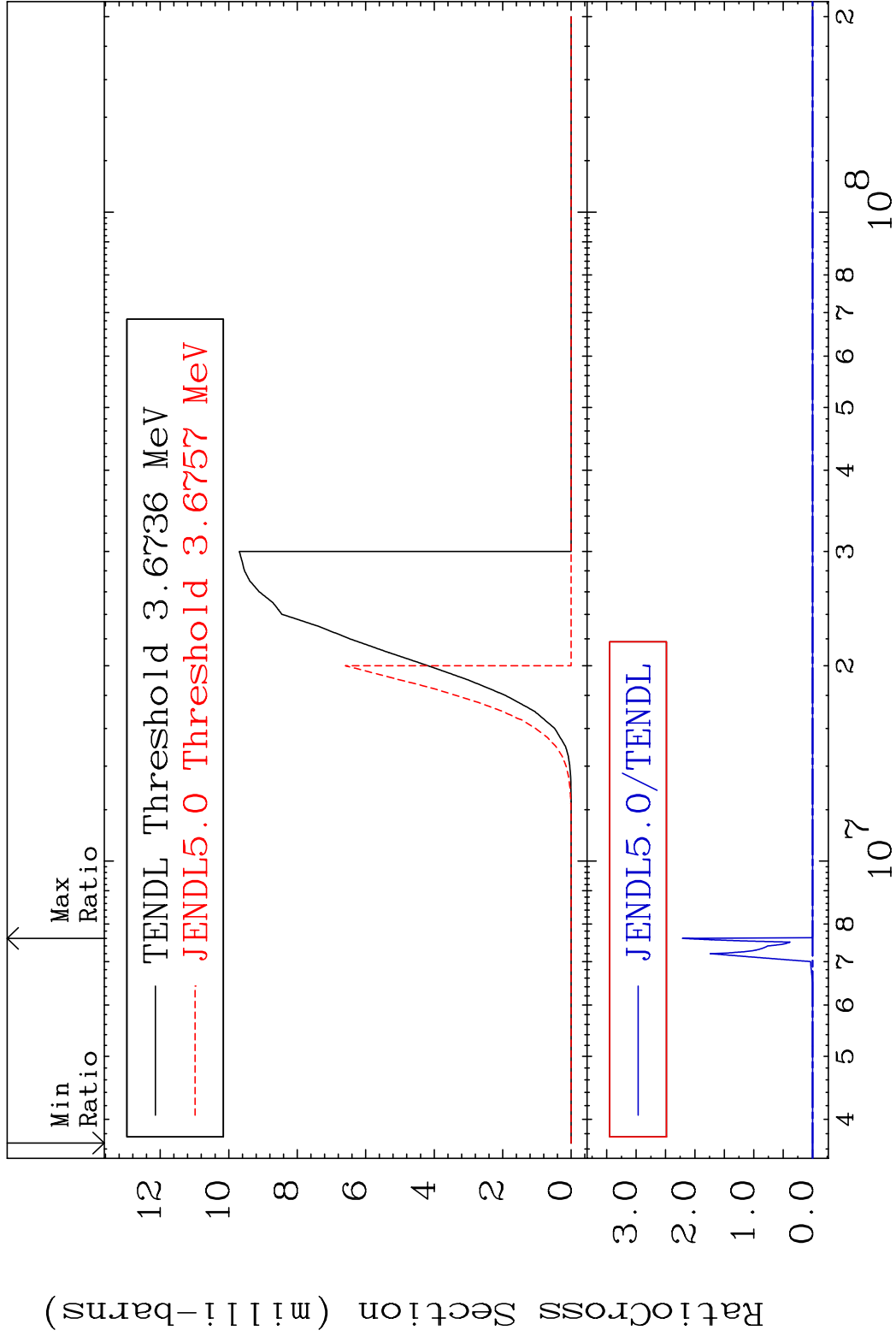


MAT 9938

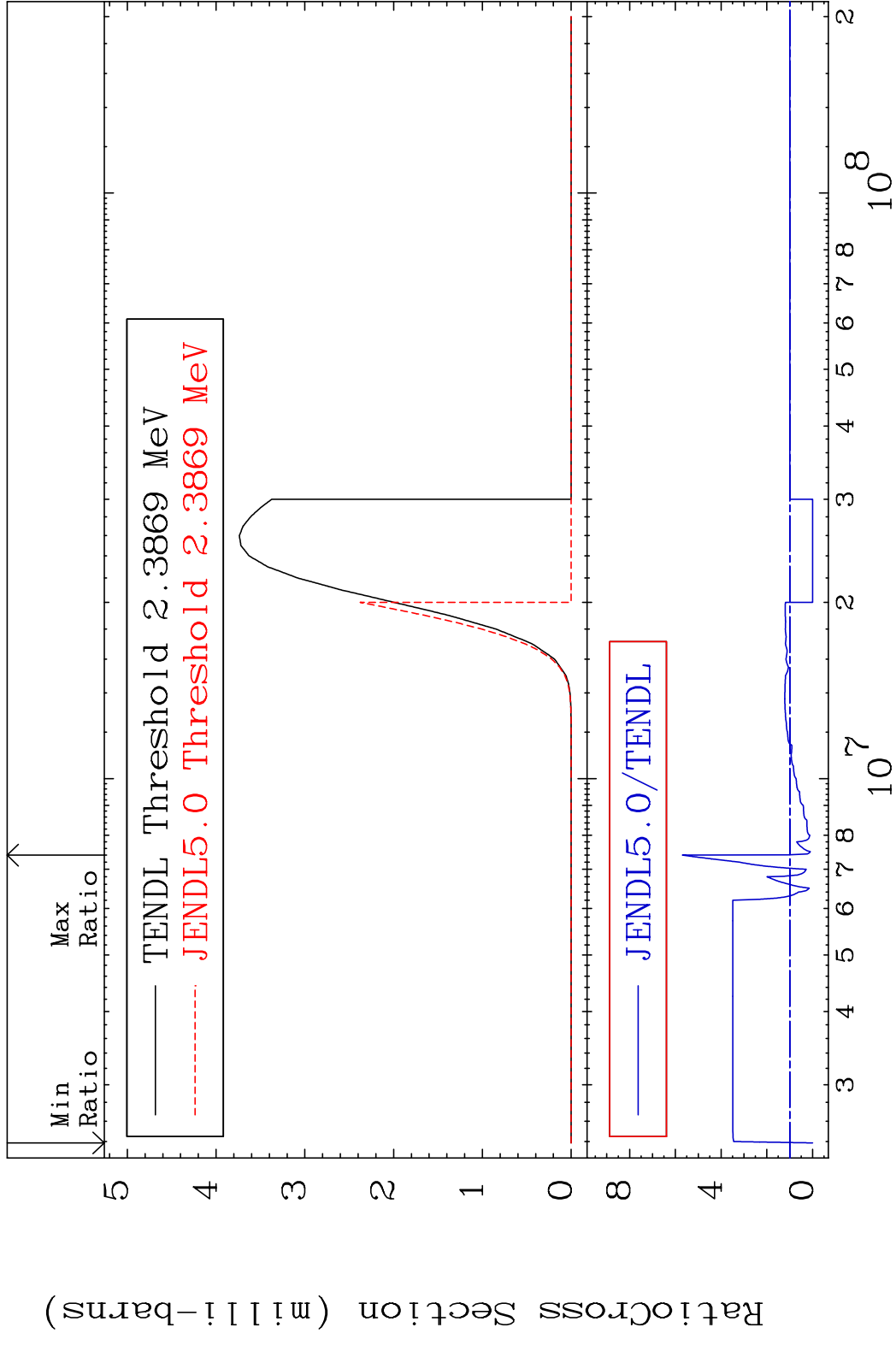
(n,d)

100-Fm-257

Cross Section -100.0 To 9999. %



MAT 9938 (n, t) 100-Fm-257
 Cross Section -100.0 To 469.5 %

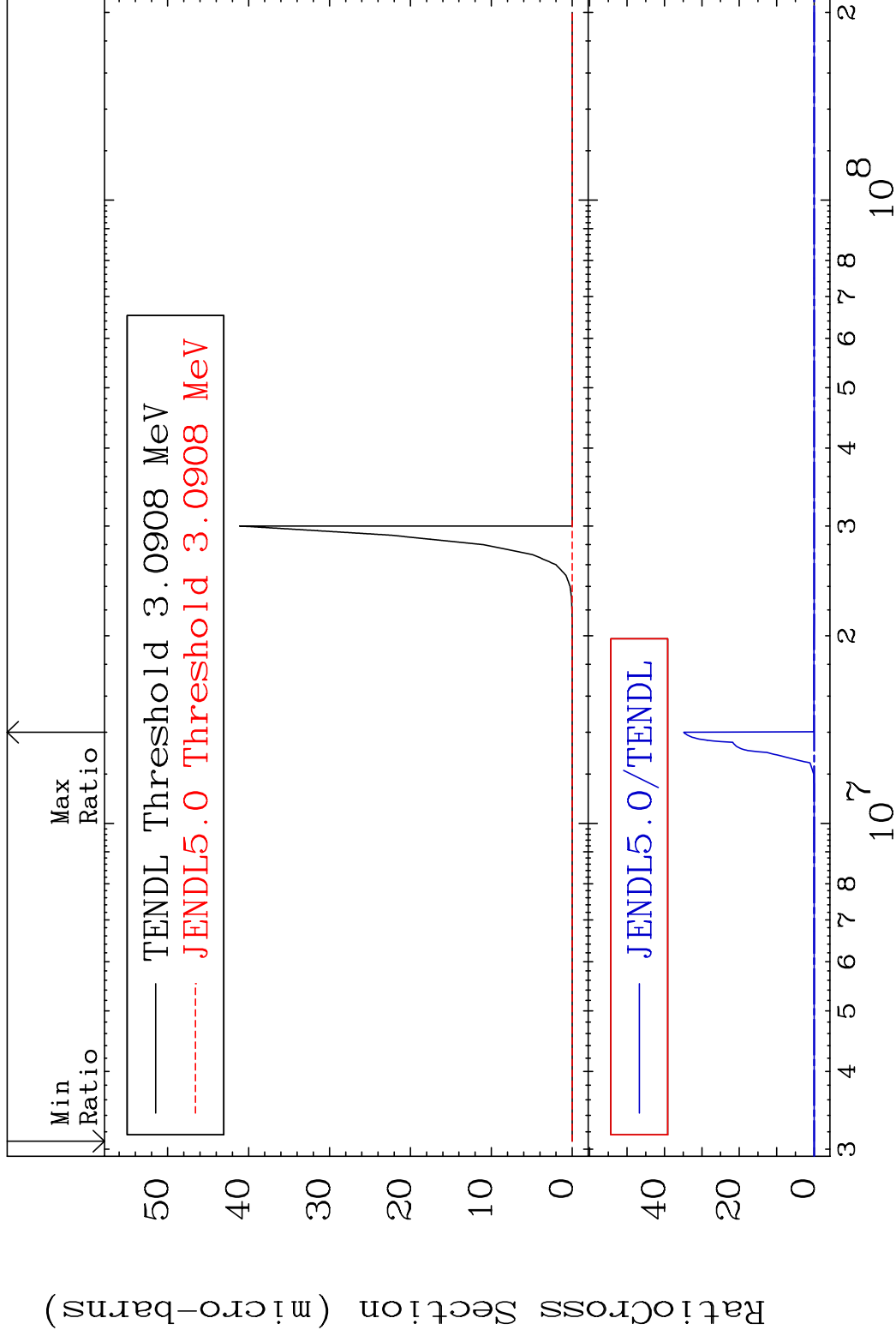


MAT 9938

(n, He-3)

100-Fm-257

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

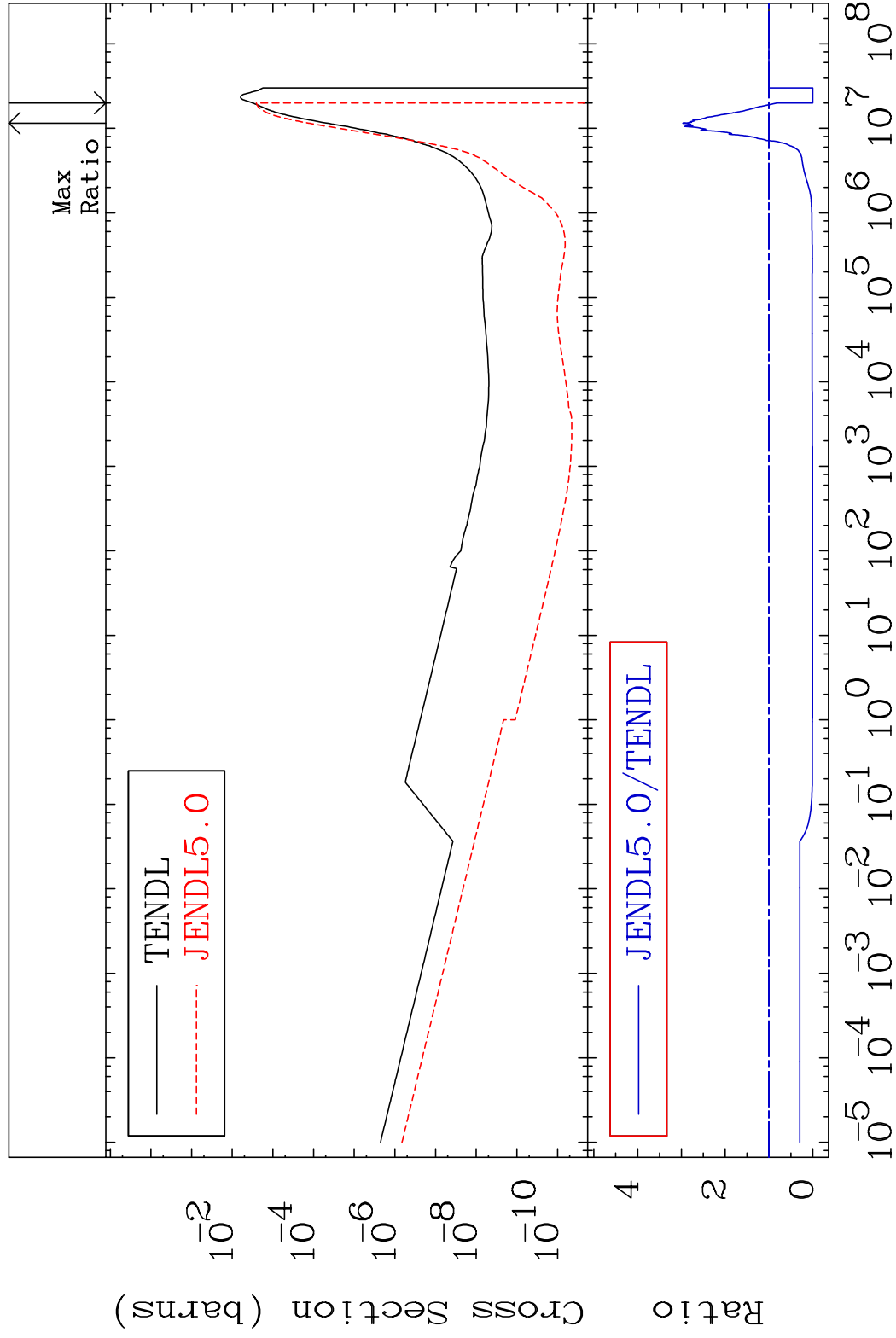
100-Fm-257

MAT 9938

(n, α)

100-Fm-257

Cross Section -100.0 To 196.9 %



21

Incident Energy (eV)

100-Fm-257

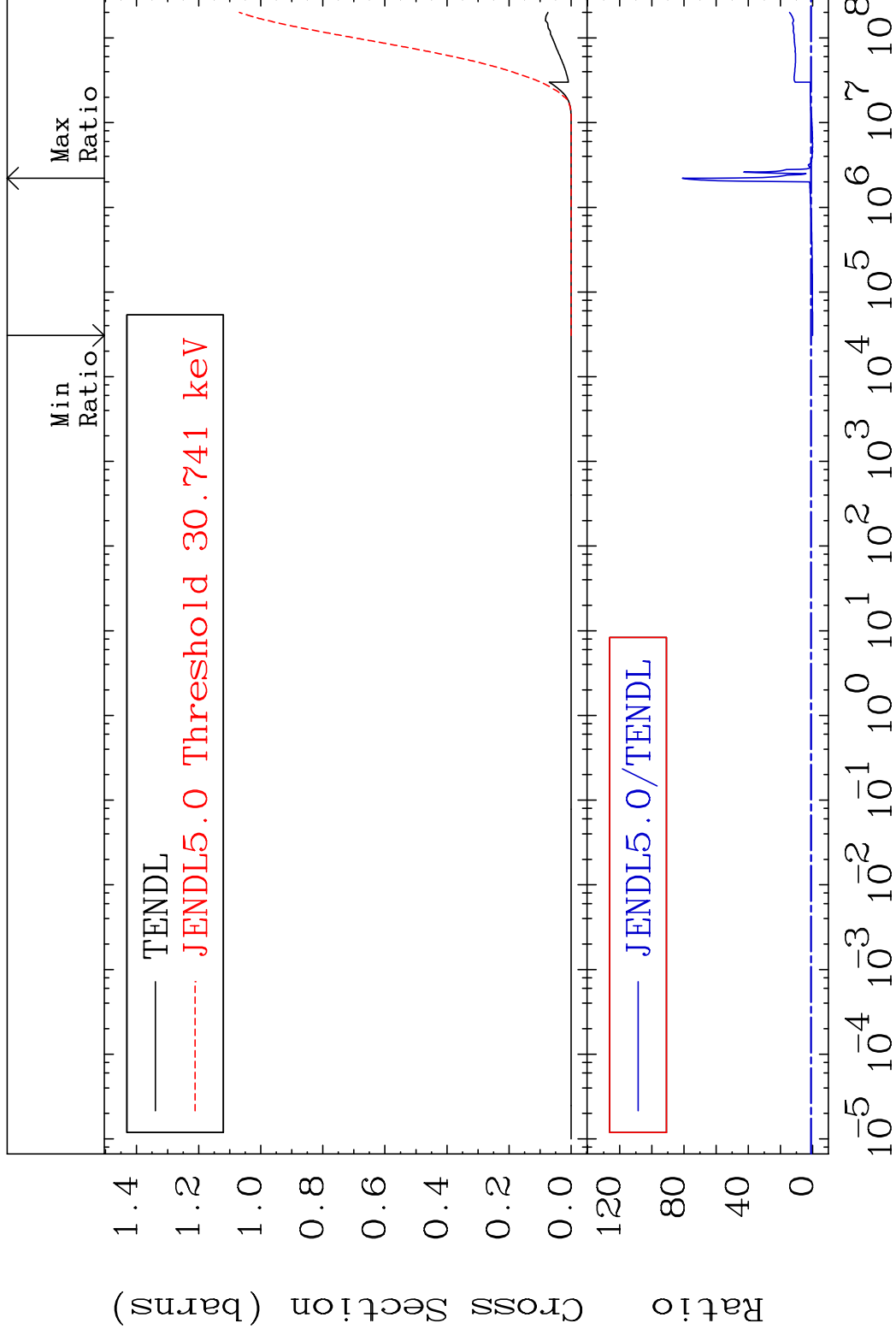
MAT 9938

Hydrogen Production

100-Fm-257

Cross Section

-100.0 To 8001. %

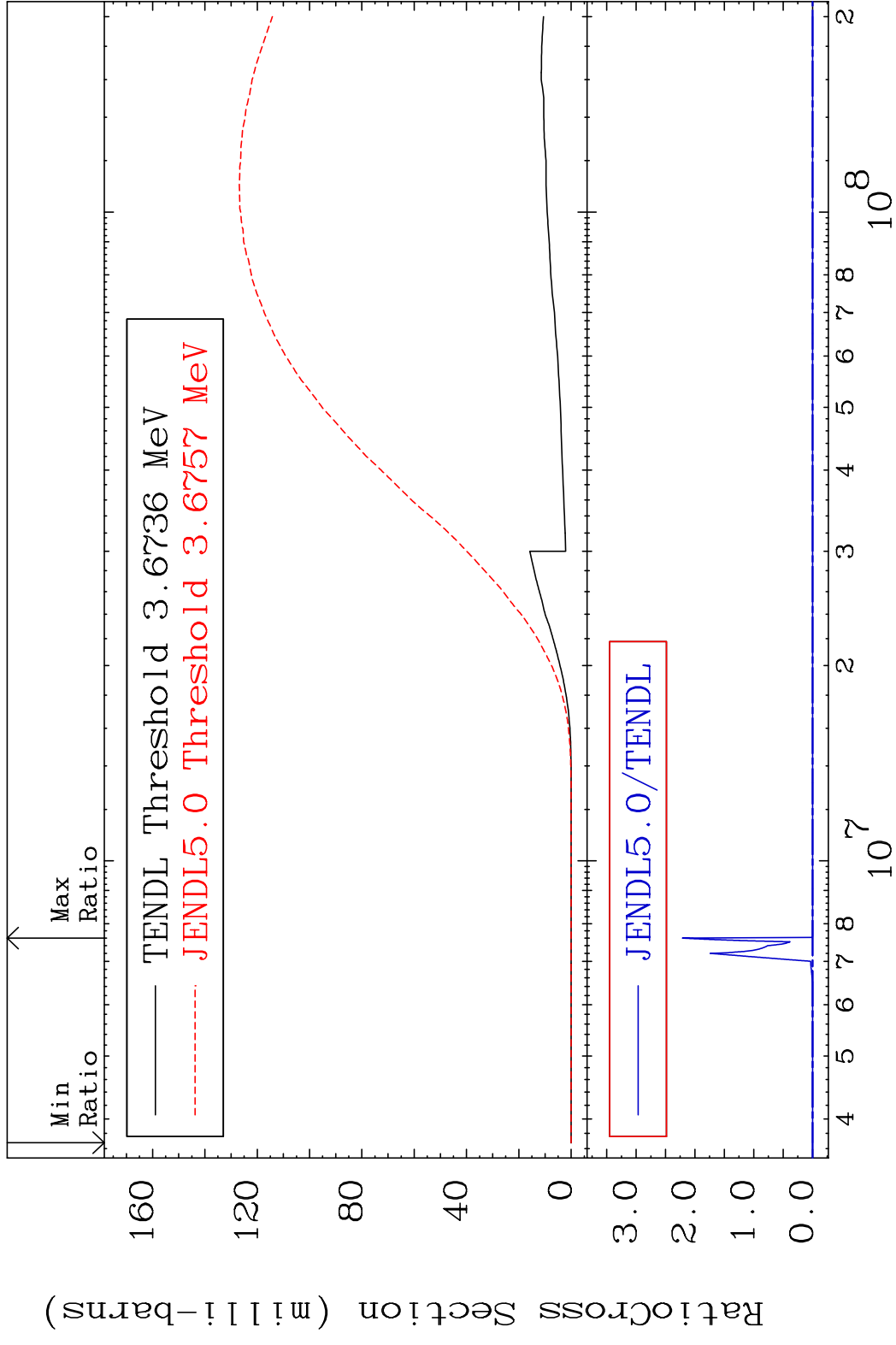


22

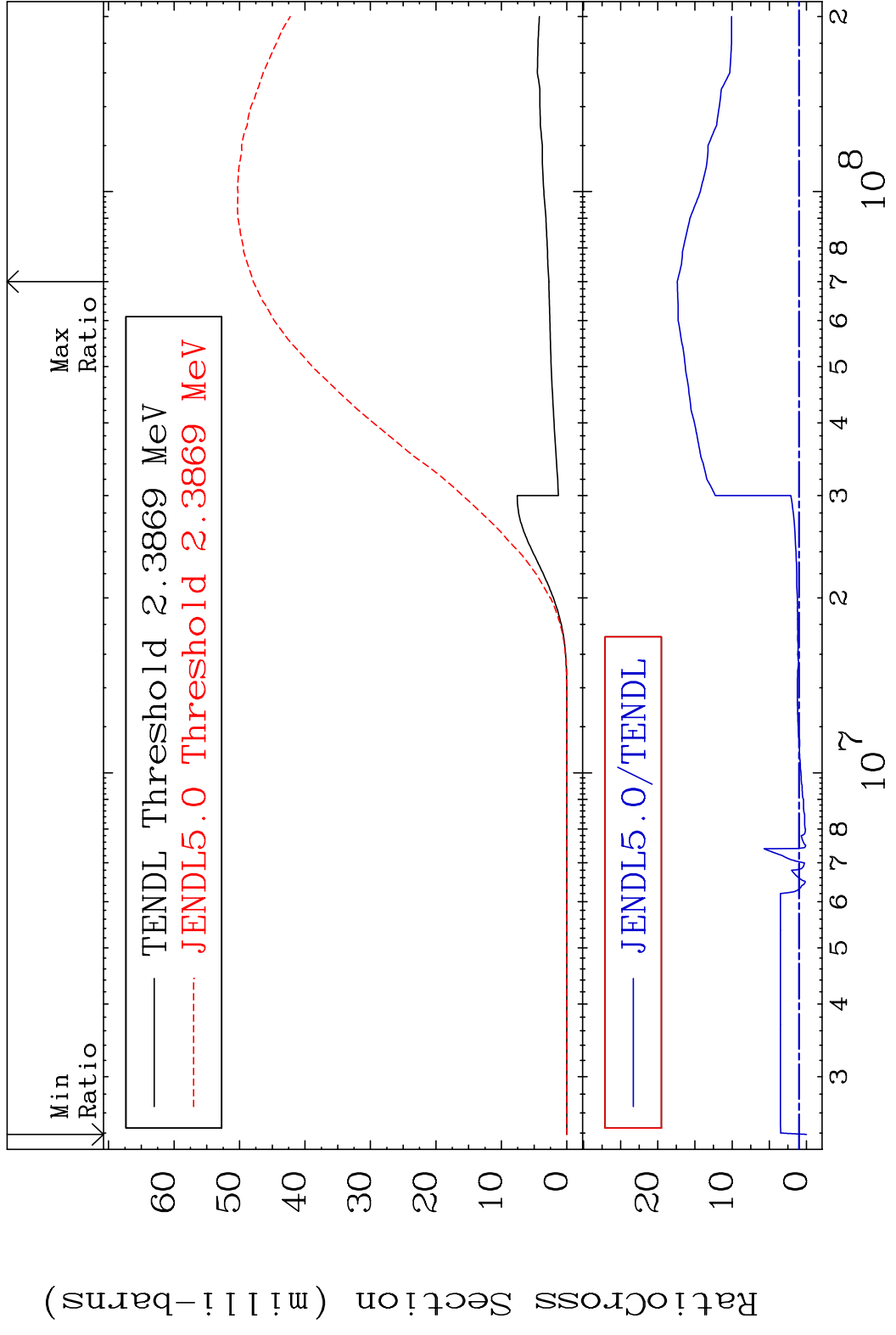
Incident Energy (eV)

100-Fm-257

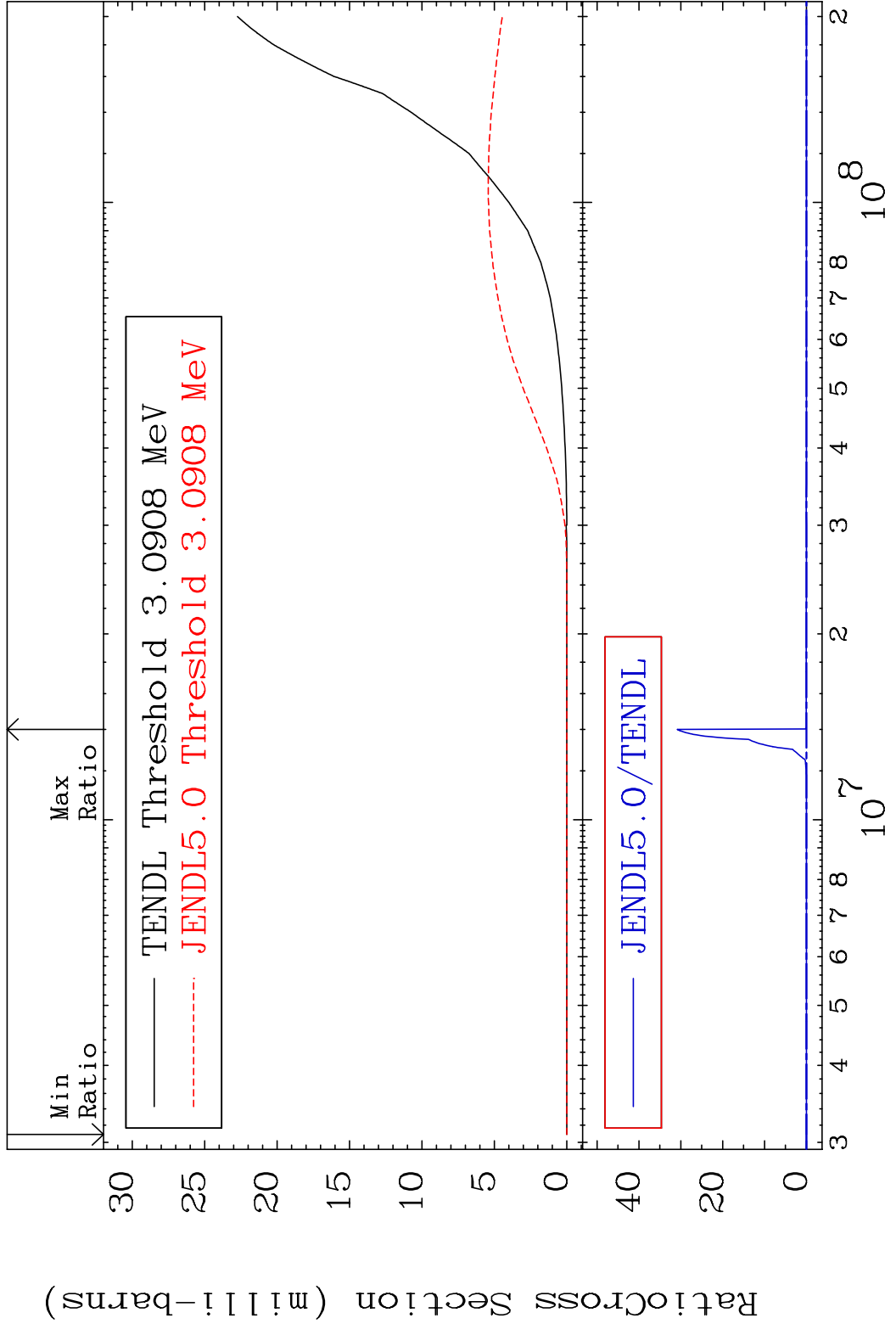
MAT 9938 Deuterium Production 100-Fm-257
 Cross Section -100.0 To 9999. %



MAT 9938 Tritium Production 100-Fm-257
 Cross Section -100.0 To 1639. %

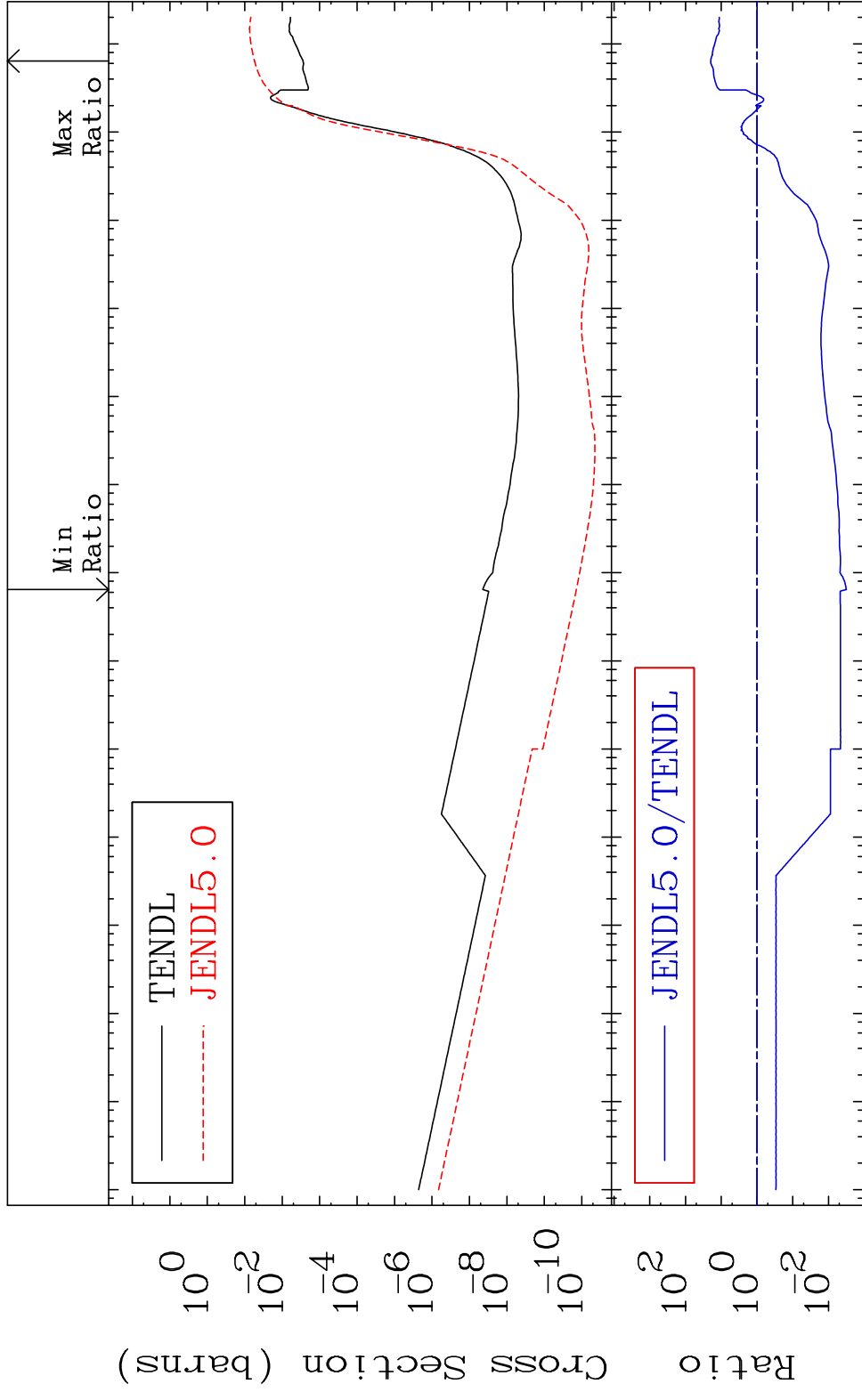


MAT 9938 He-3 Production 100-Fm-257
 Cross Section -100.0 To 9999. %



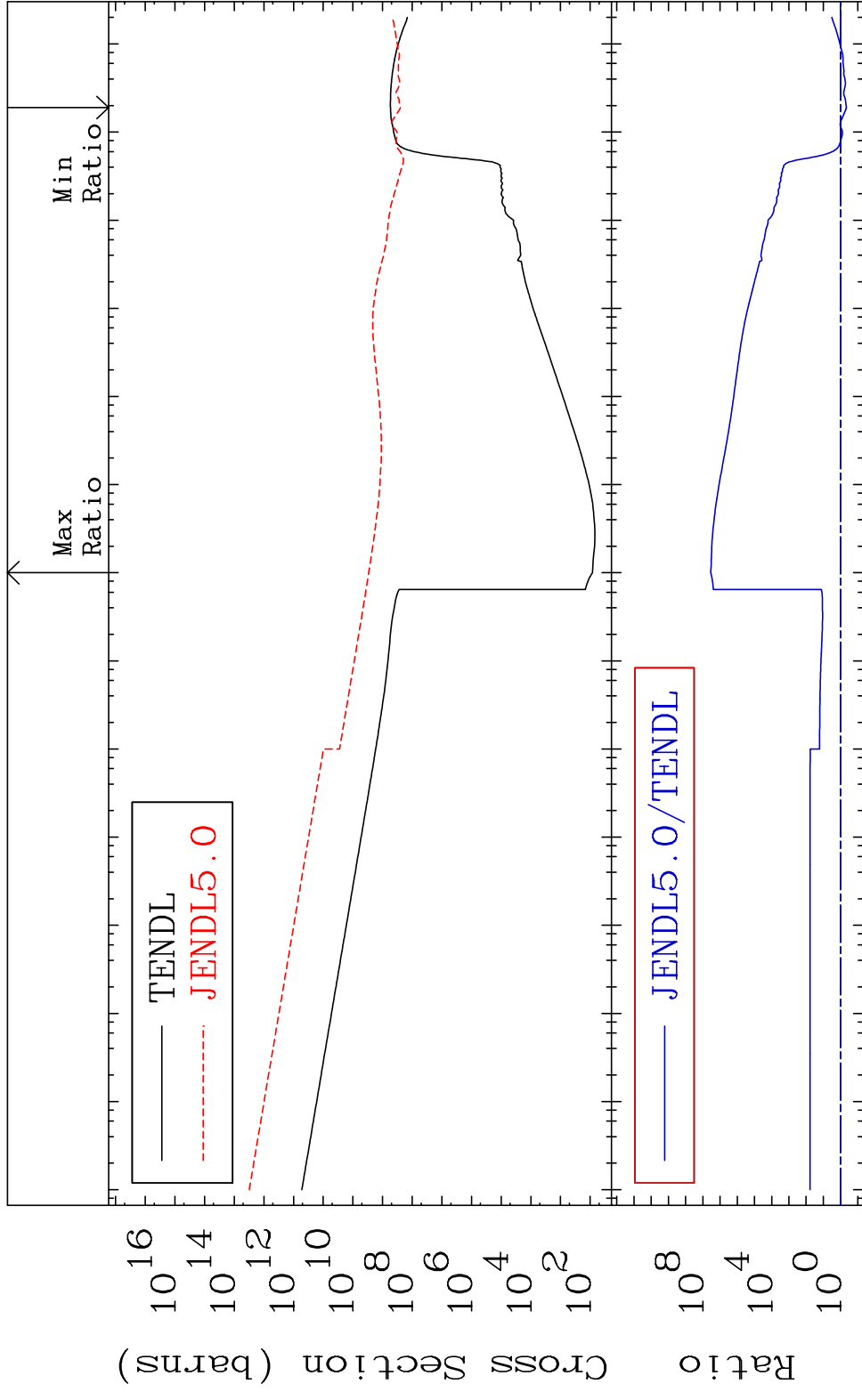
25 Incident Energy (eV) 100-Fm-257

MAT 9938 He-4 Production 100-Fm-257
 Cross Section -99.68 To 1876. %



MAT 9938

Kerma total (eV-barns) 100-Fm-257
Cross Section -53.87 To 9999. %



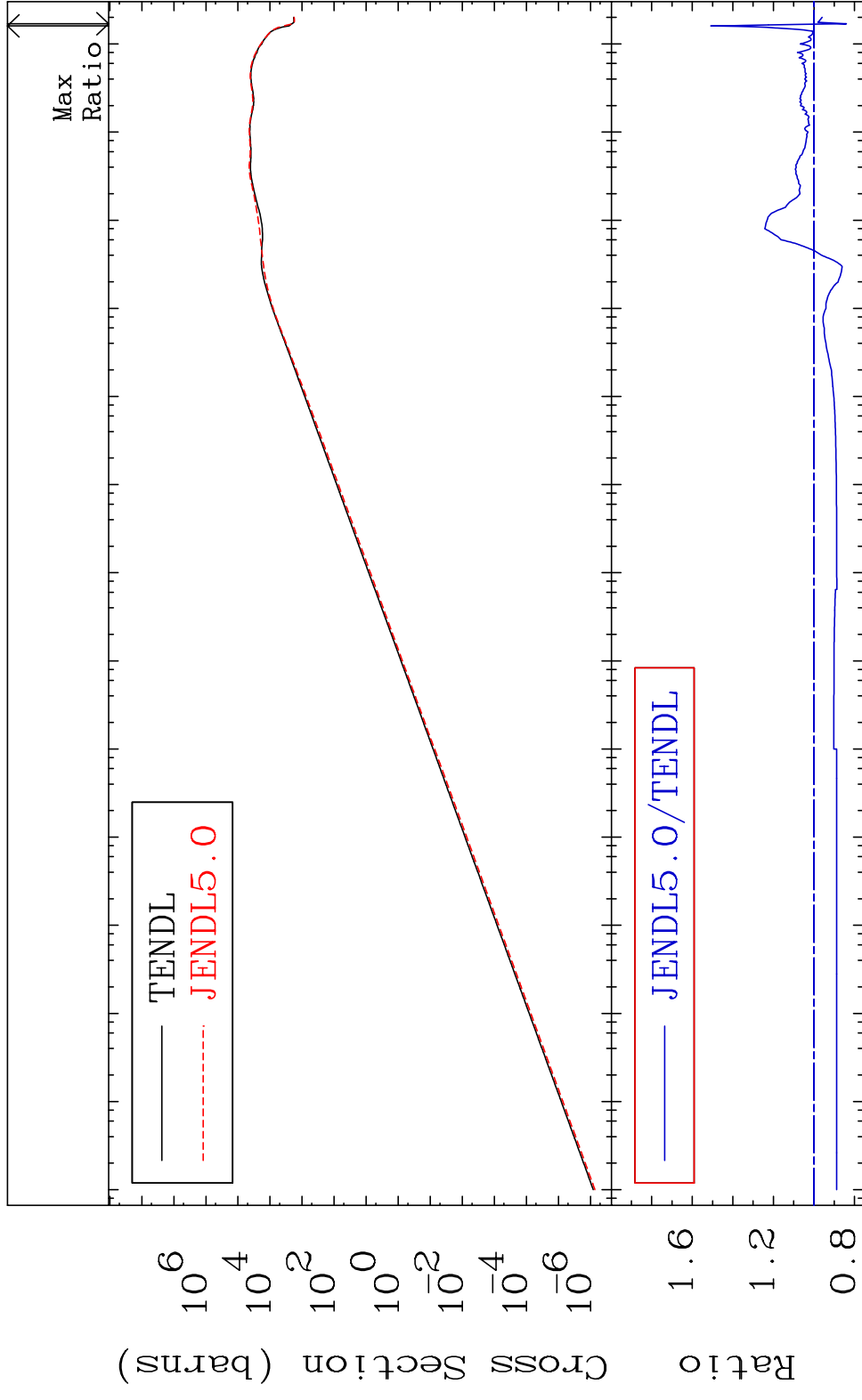
27

Incident Energy (eV) 100-Fm-257

MAT 9938

Kerma elastic
Cross Section -15.95 To 50.91 %

100-Fm-257

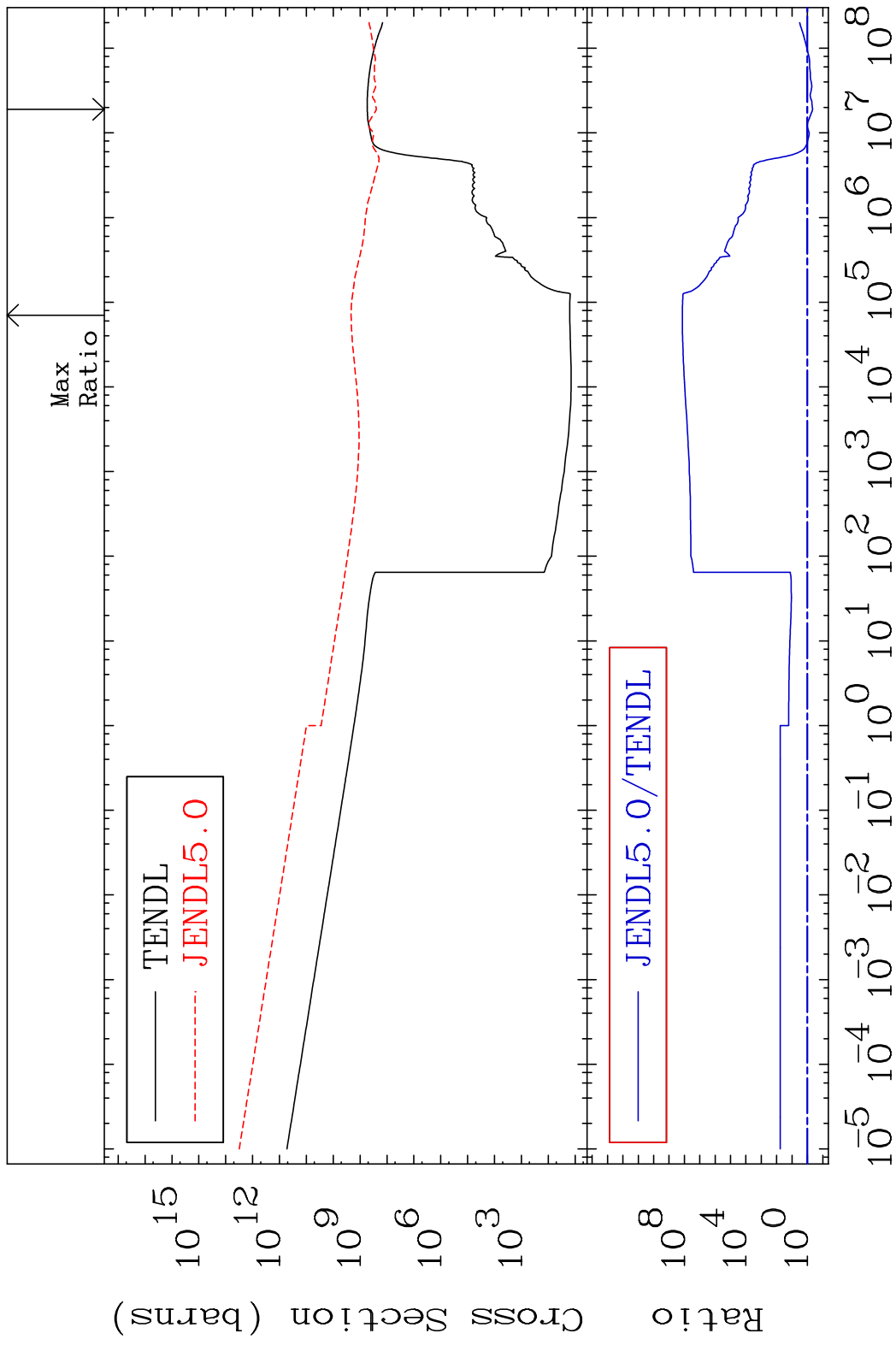


28

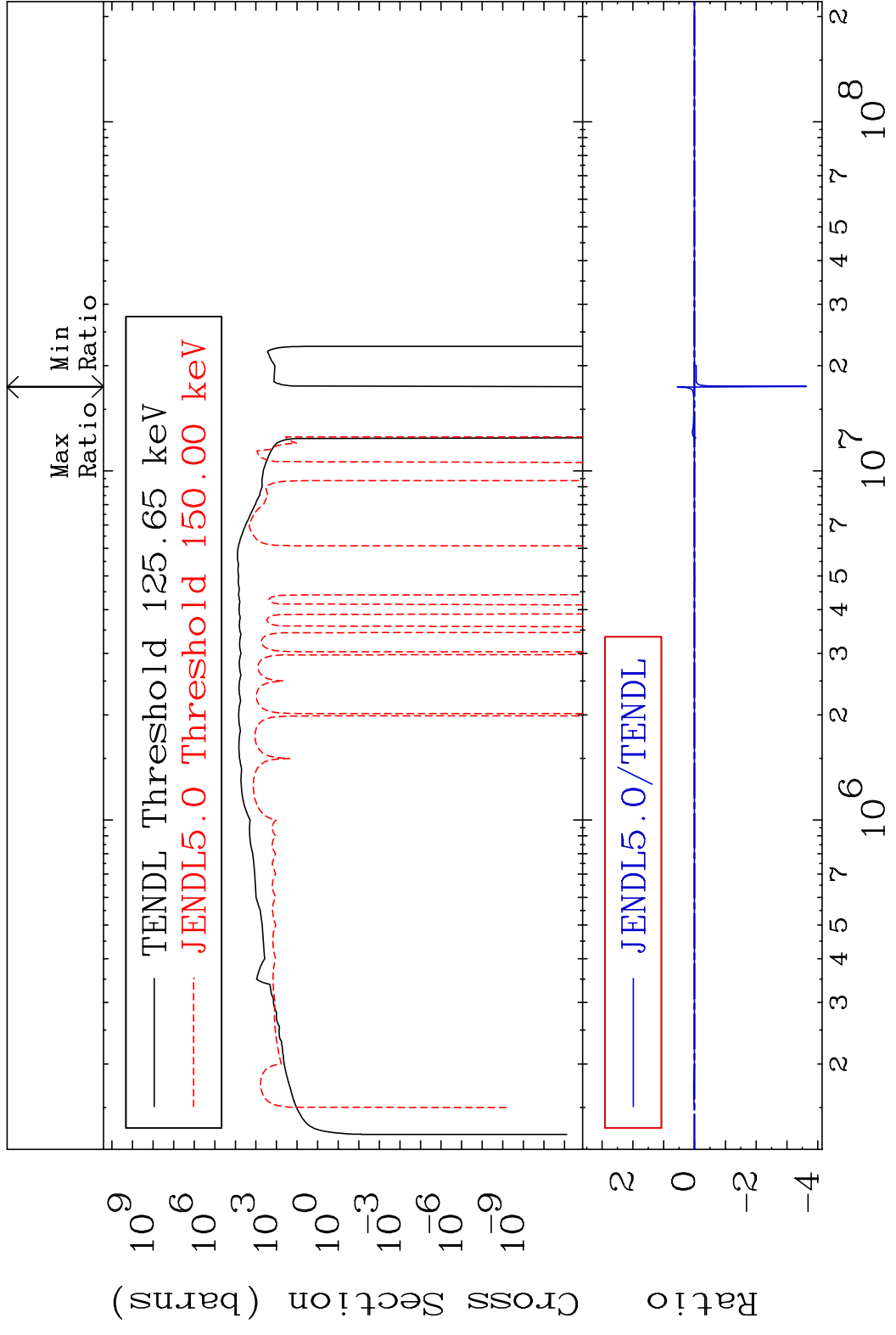
Incident Energy (eV)

100-Fm-257

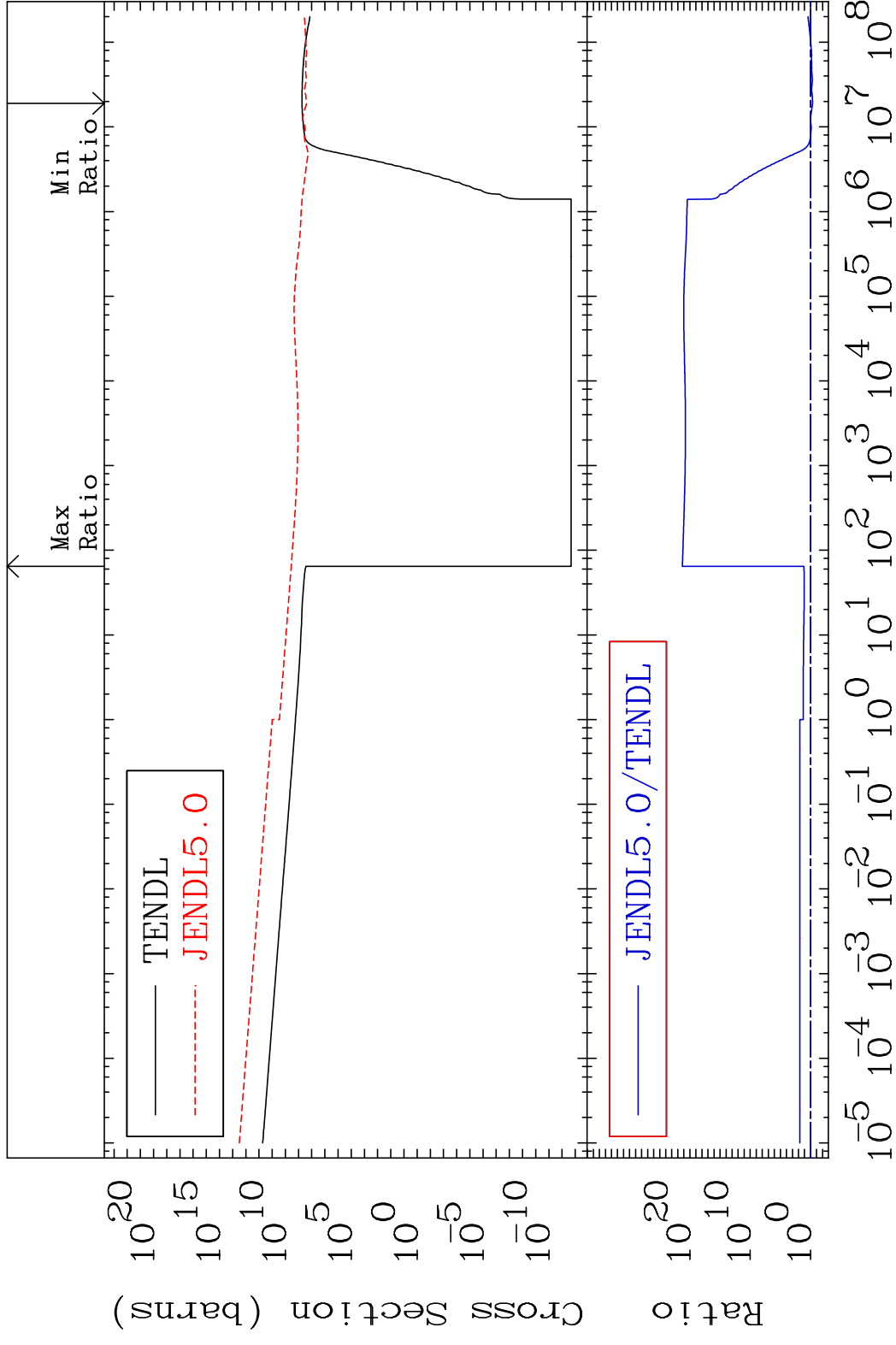
MAT 9938 Kerma non-elastic (all but mt2) 100-Fm-257
 Cross Section -53.88 To 9999. %



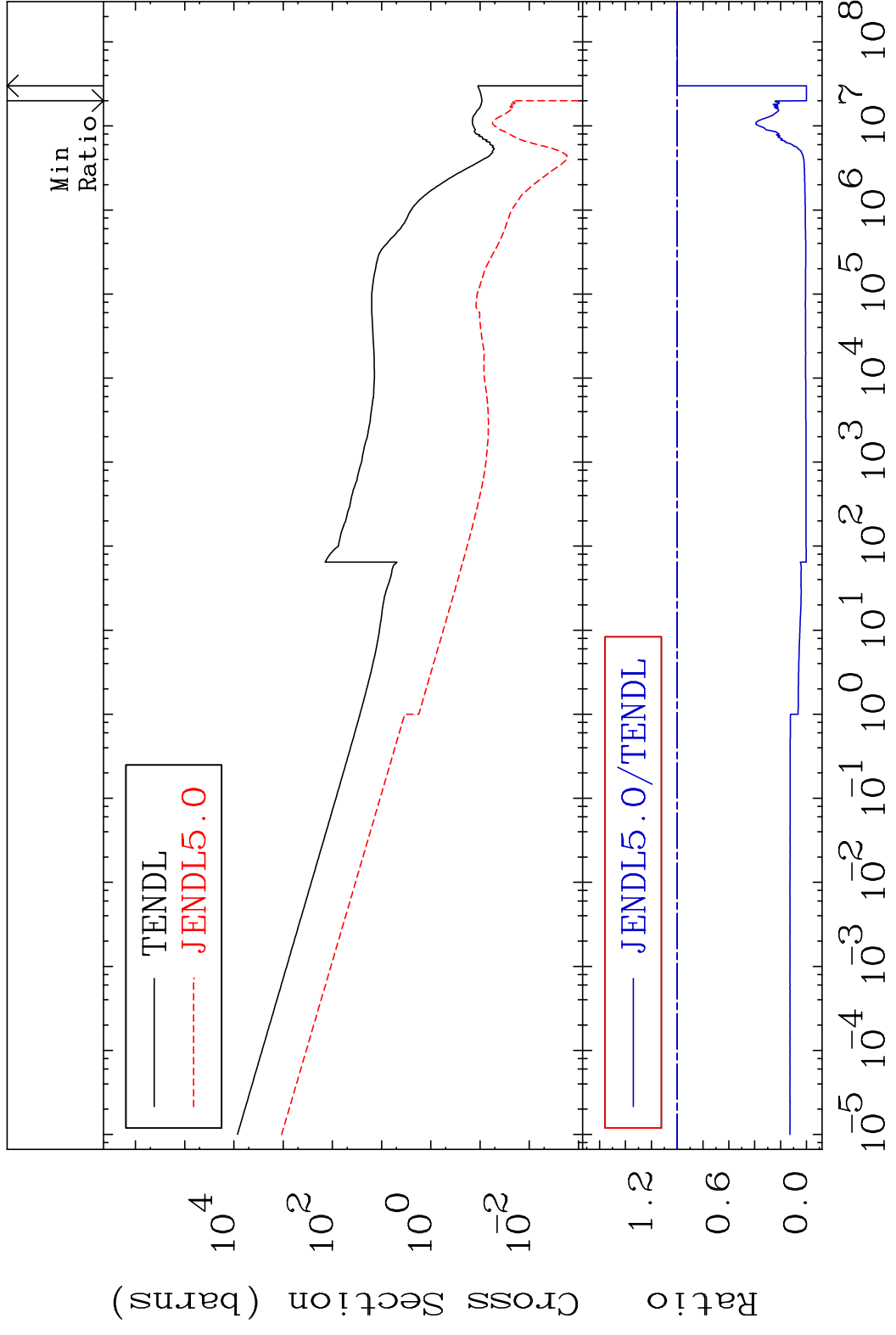
MAT 9938 Kerma inelastic (mt51-91) 100-Fm-257
 Cross Section -9999. To 9999. %



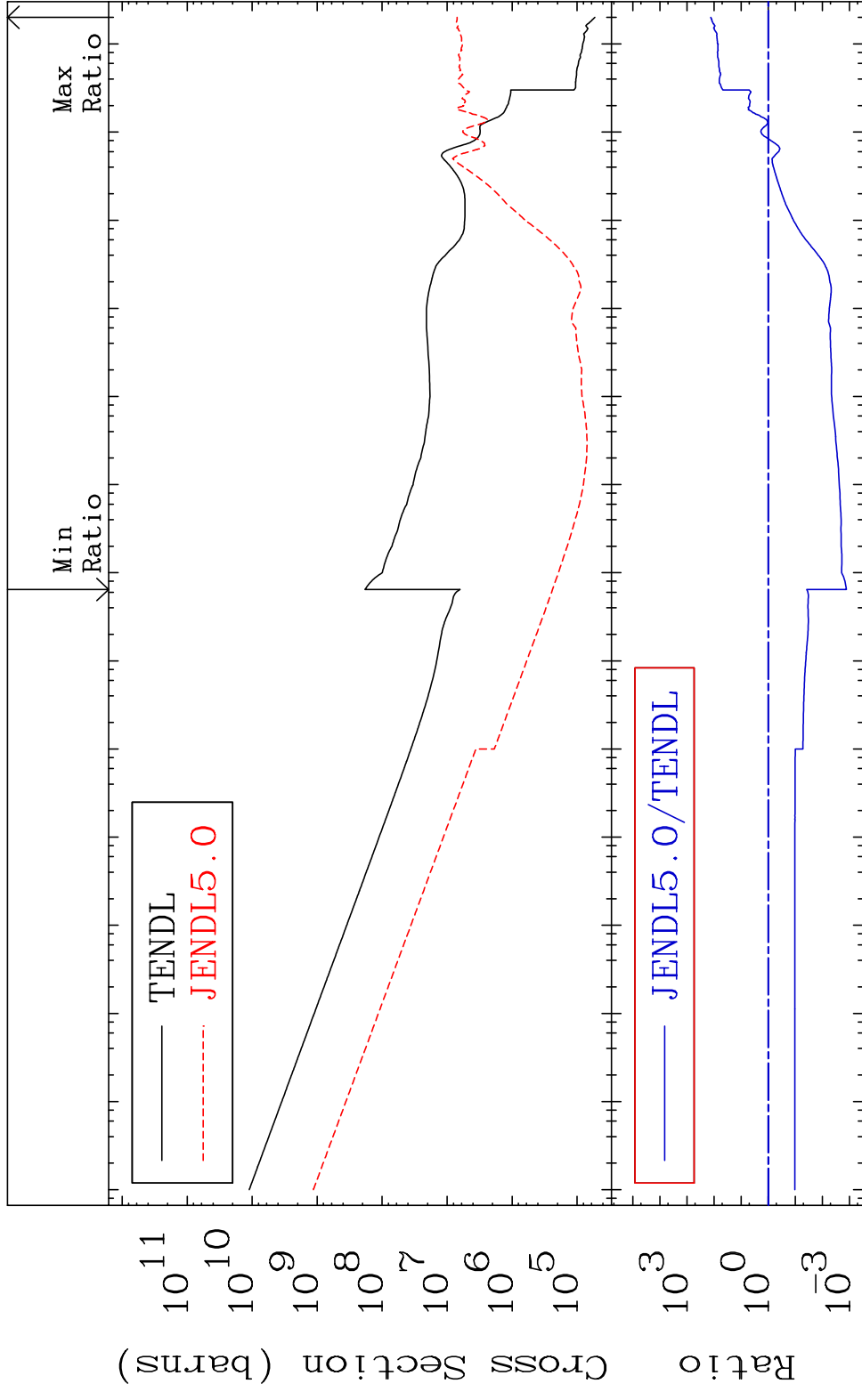
MAT 9938 Kerma fission (mt18 or mt19-20-21-38)0-Fm-257
 Cross Section -53.84 To 9999. %



MAT 9938 Kerma capture (mt102) 100-Fm-257
 Cross Section -100.0 To 0.000 %

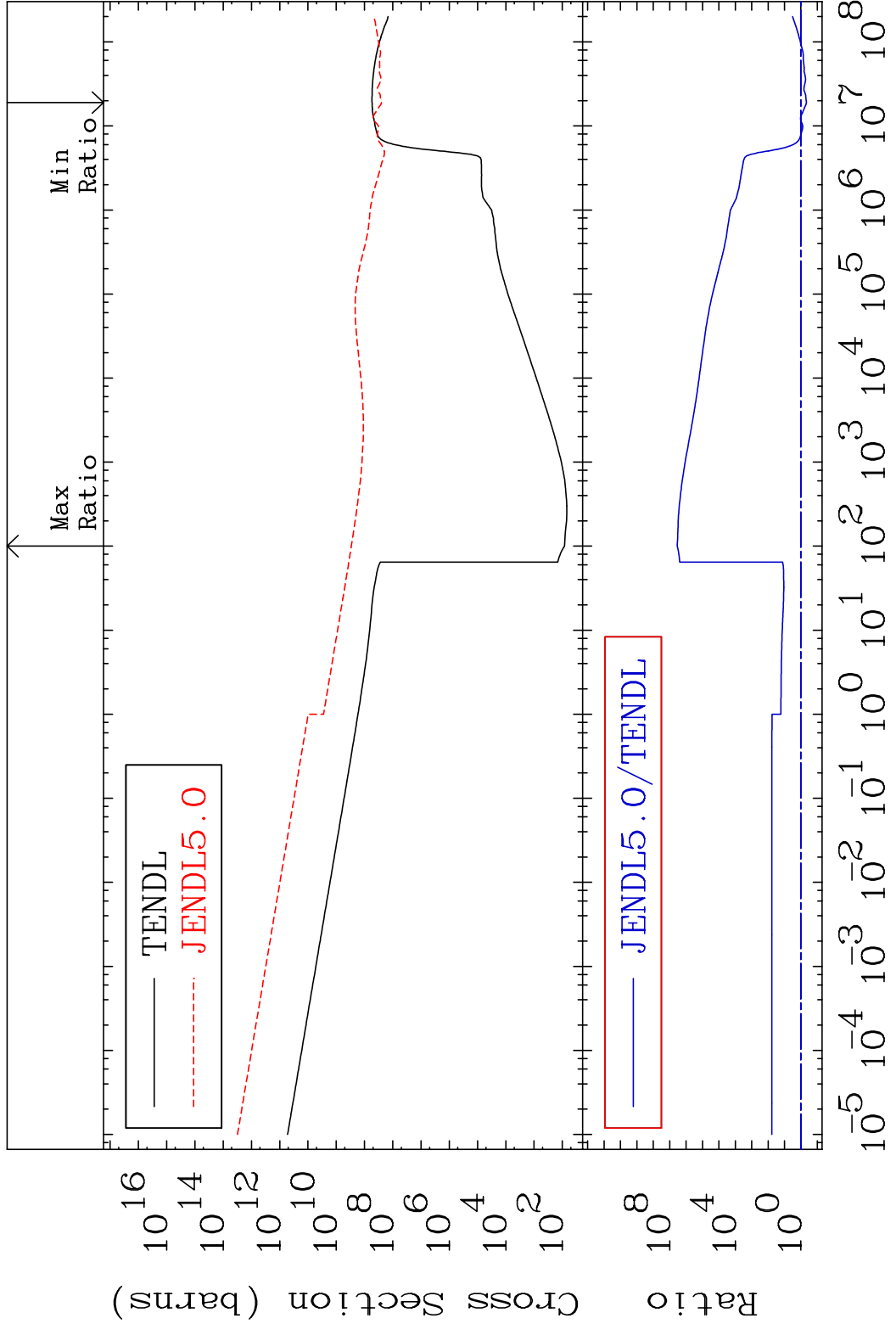


MAT 9938 Total photon (eV-barns) 100-Fm-257
 Cross Section -99.87 To 9999. %

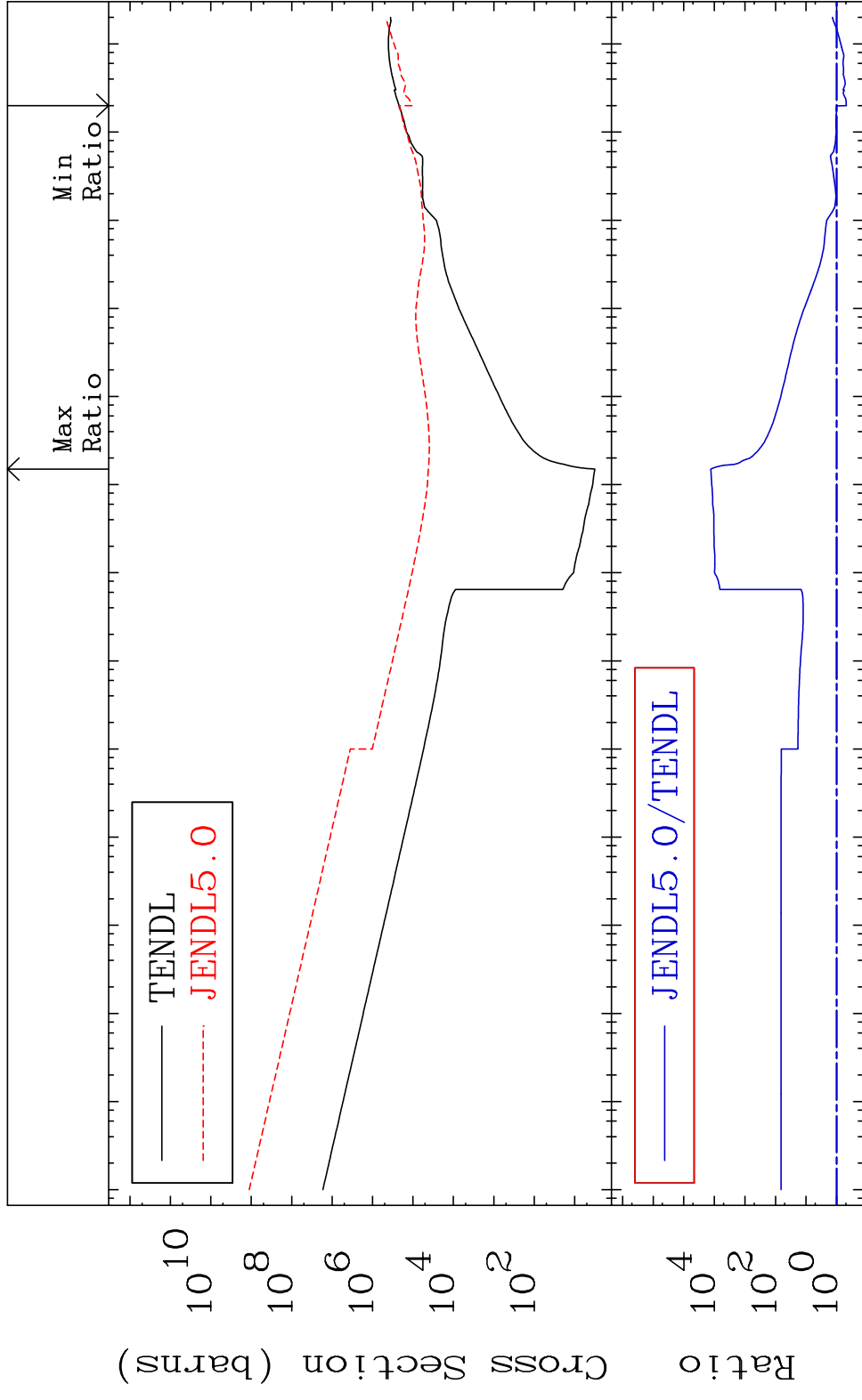


33 Incident Energy (eV) 100-Fm-257

MAT 9938 Total kinematic kerma (high limit)100-Fm-257
 Cross Section -53.77 To 9999. %



MAT 9938 Dpa total (eV-barns) 100-Fm-257
 Cross Section -51.70 To 9999. %



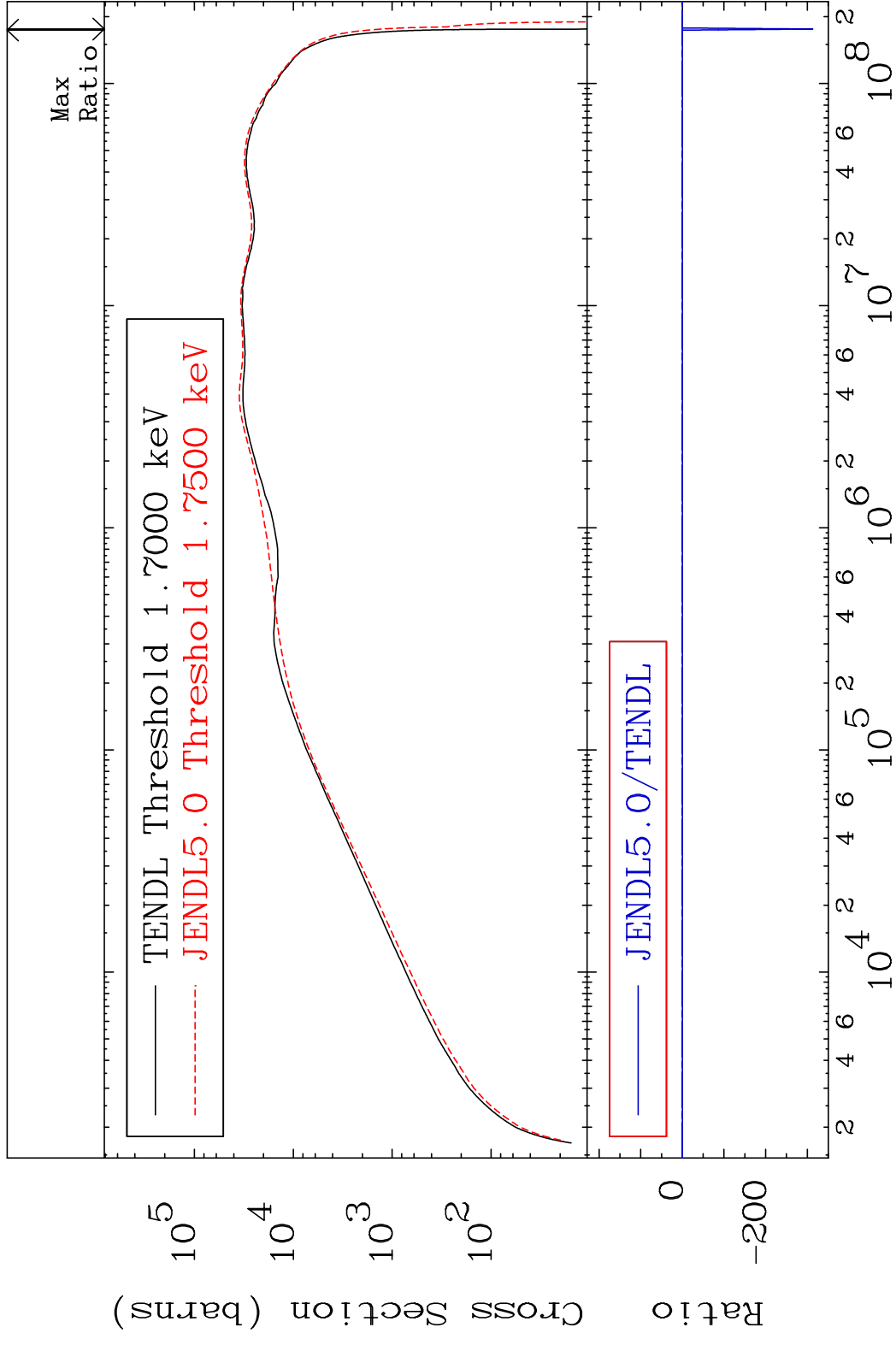
35 Incident Energy (eV) 100-Fm-257

MAT 9938

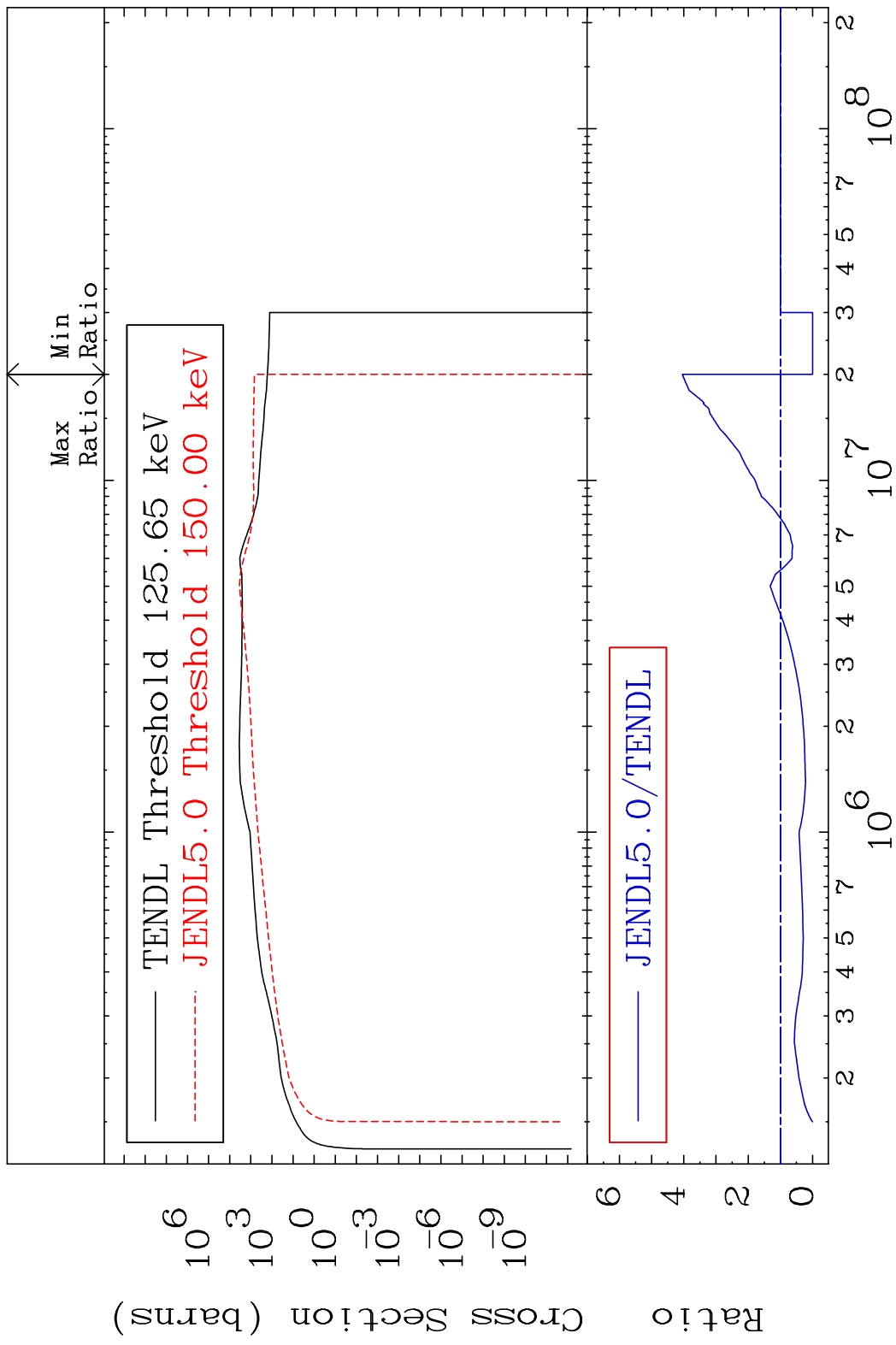
Dpa elastic (mt2)

100-Fm-257

Cross Section -9999. To 276.9 %



MAT 9938 Dpa inelastic (mt51-91) 100-Fm-257
 Cross Section -100.0 To 304.6 %



MAT 9938 Dpa disappearance (mt102 -120) 100-Fm-257
 Cross Section -100.0 To 85.38 %

