

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

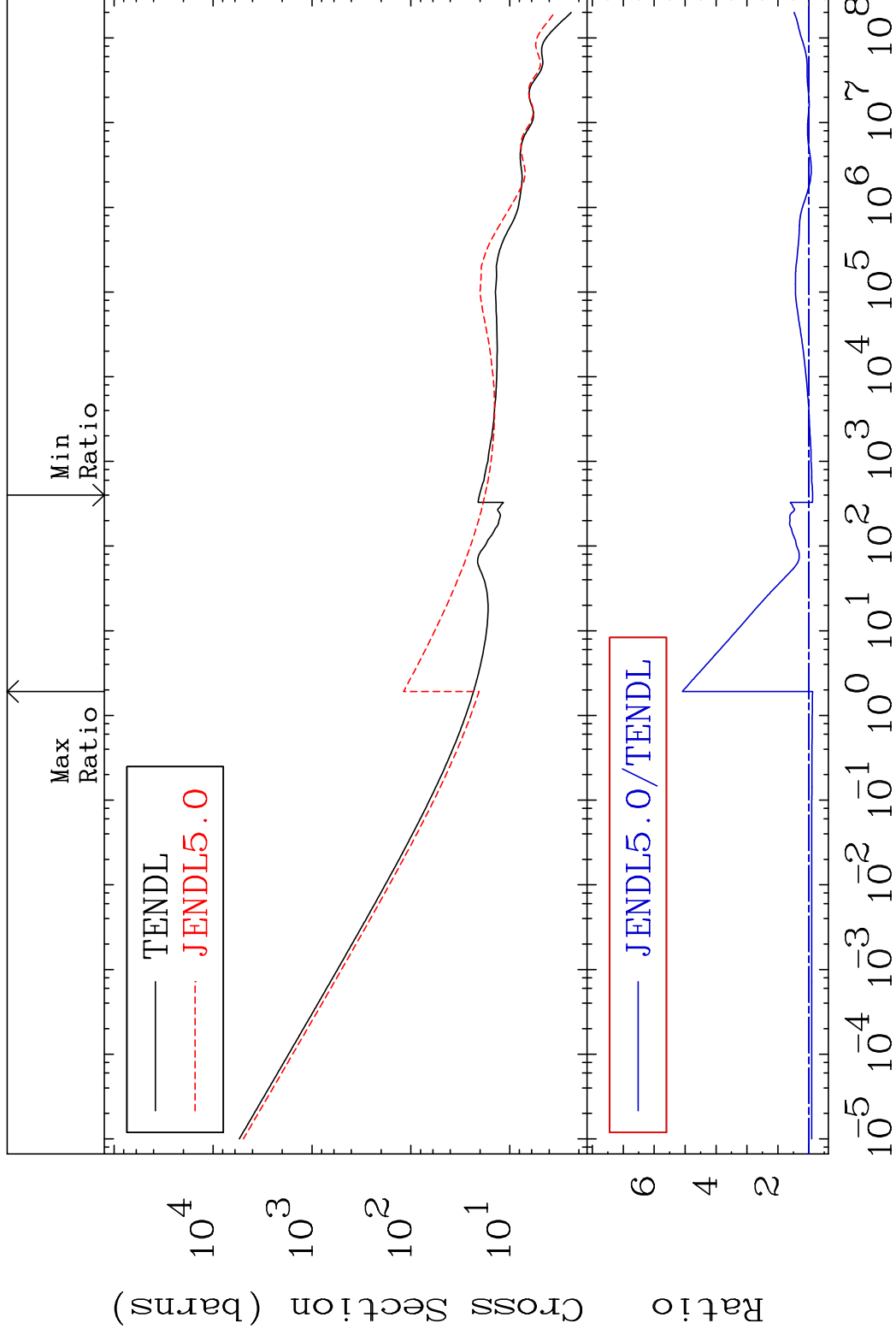
MAT 9934

Total

100-Fm-253

Cross Section

-11.98 To 408.9 %

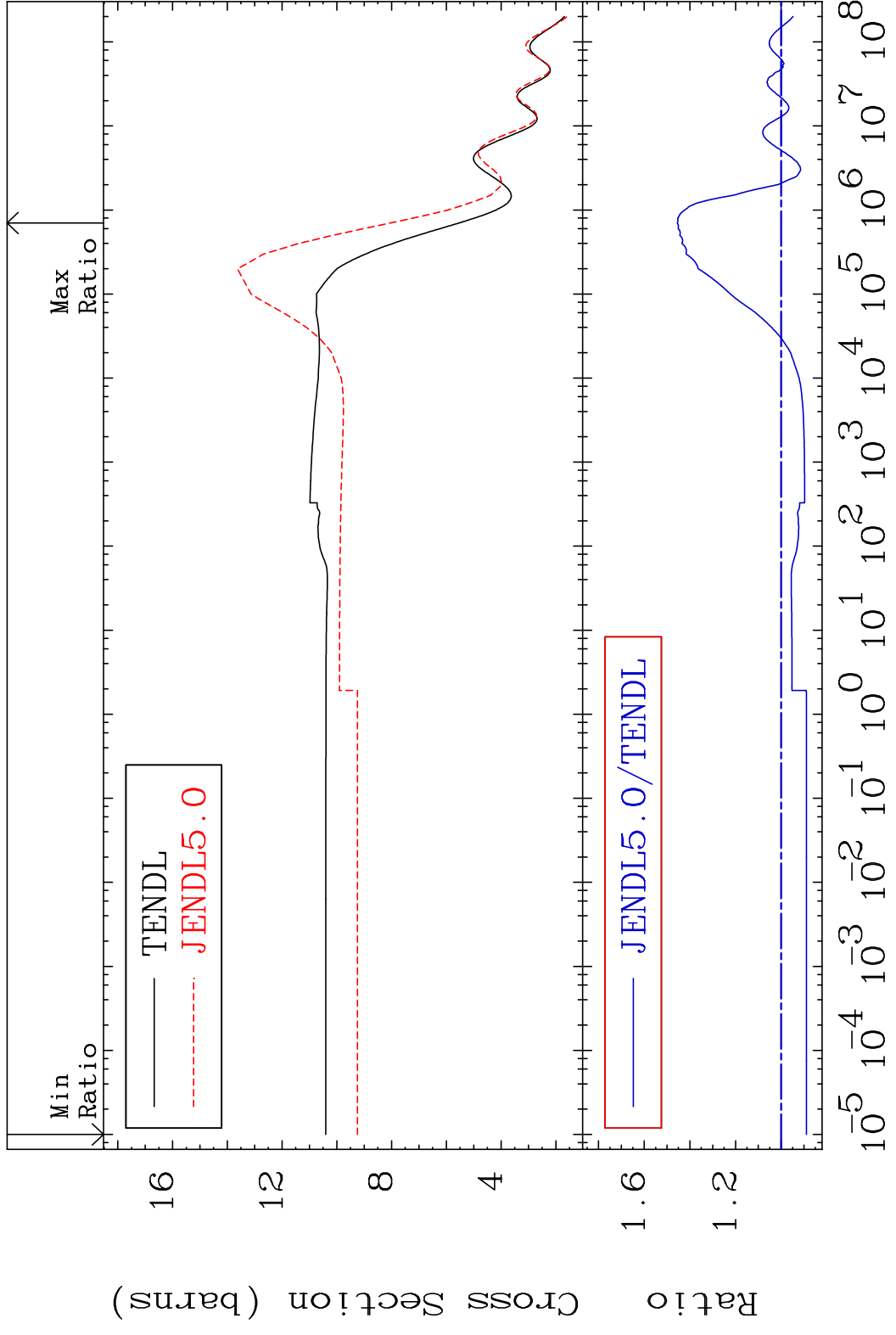


1

Incident Energy (eV)

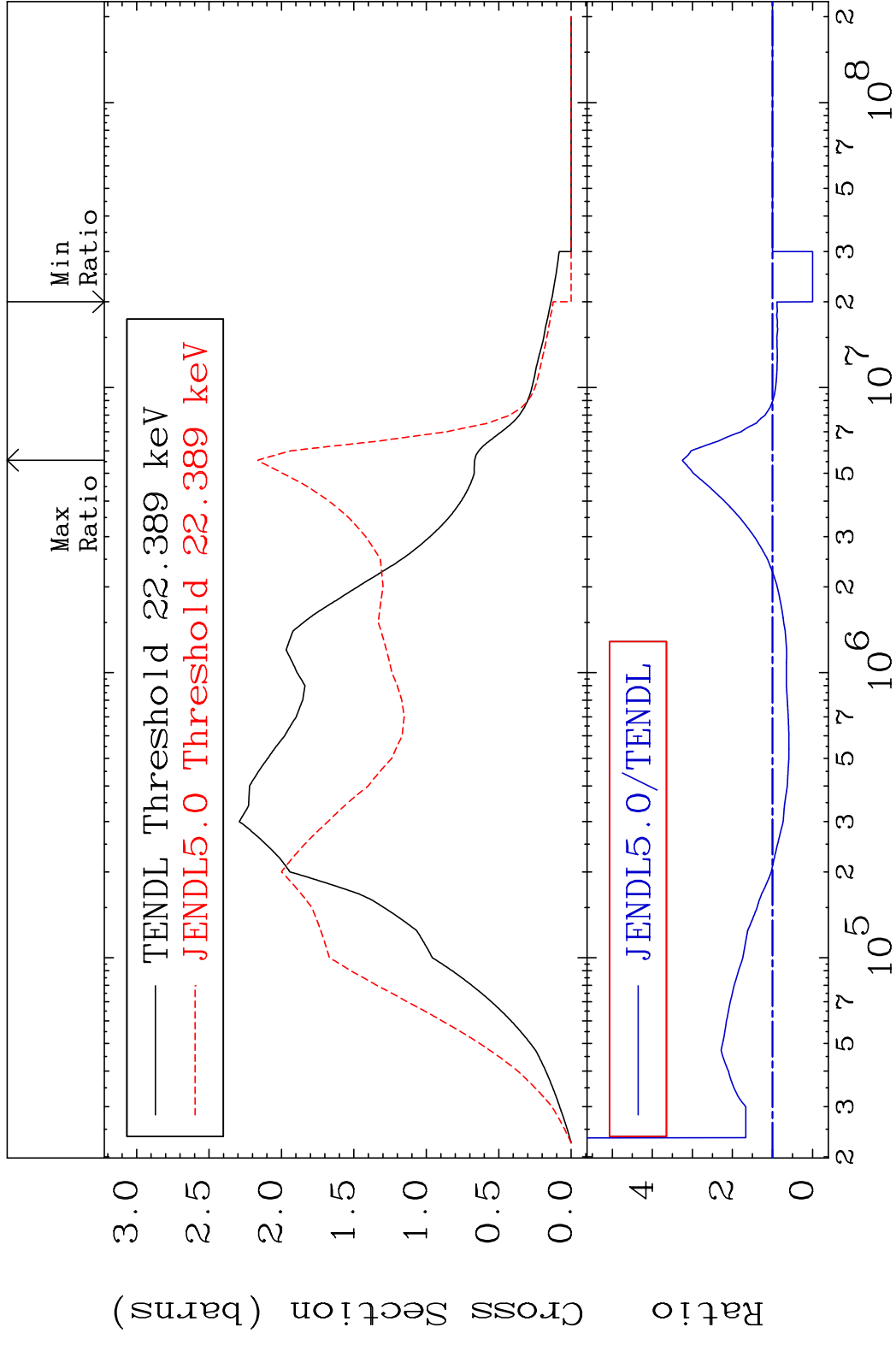
100-Fm-253

MAT 9934 Elastic 100-Fm-253
Cross Section -11.06 To 45.55 %



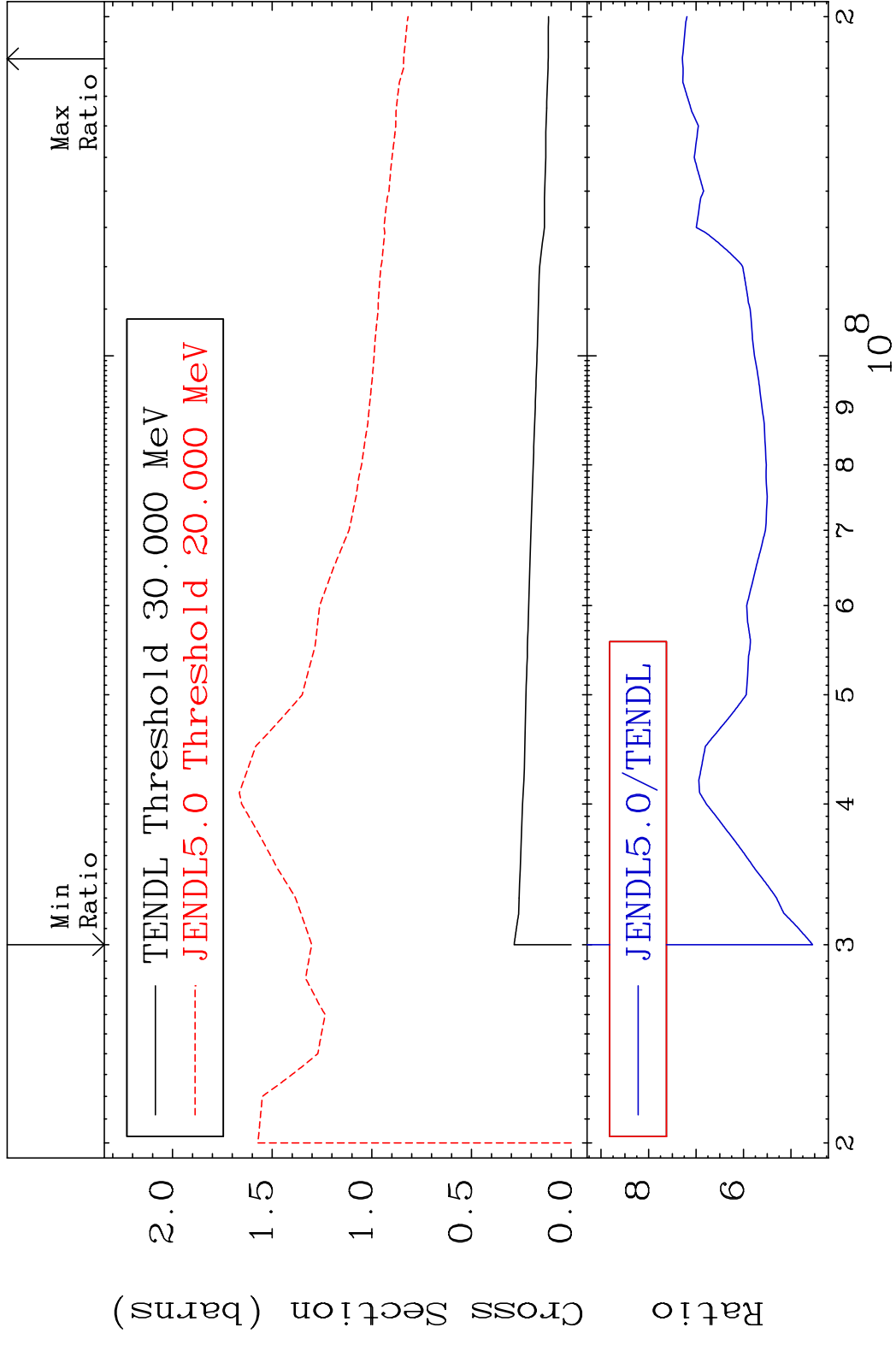
2 100-Fm-253

MAT 9934 Inelastic Cross Section 100-Fm-253
 -100.0 To 225.0 %



3 Incident Energy (eV) 100-Fm-253

MAT 9934 (n, remainder) 100-Fm-253
 Cross Section 354.4 To 628.7 %



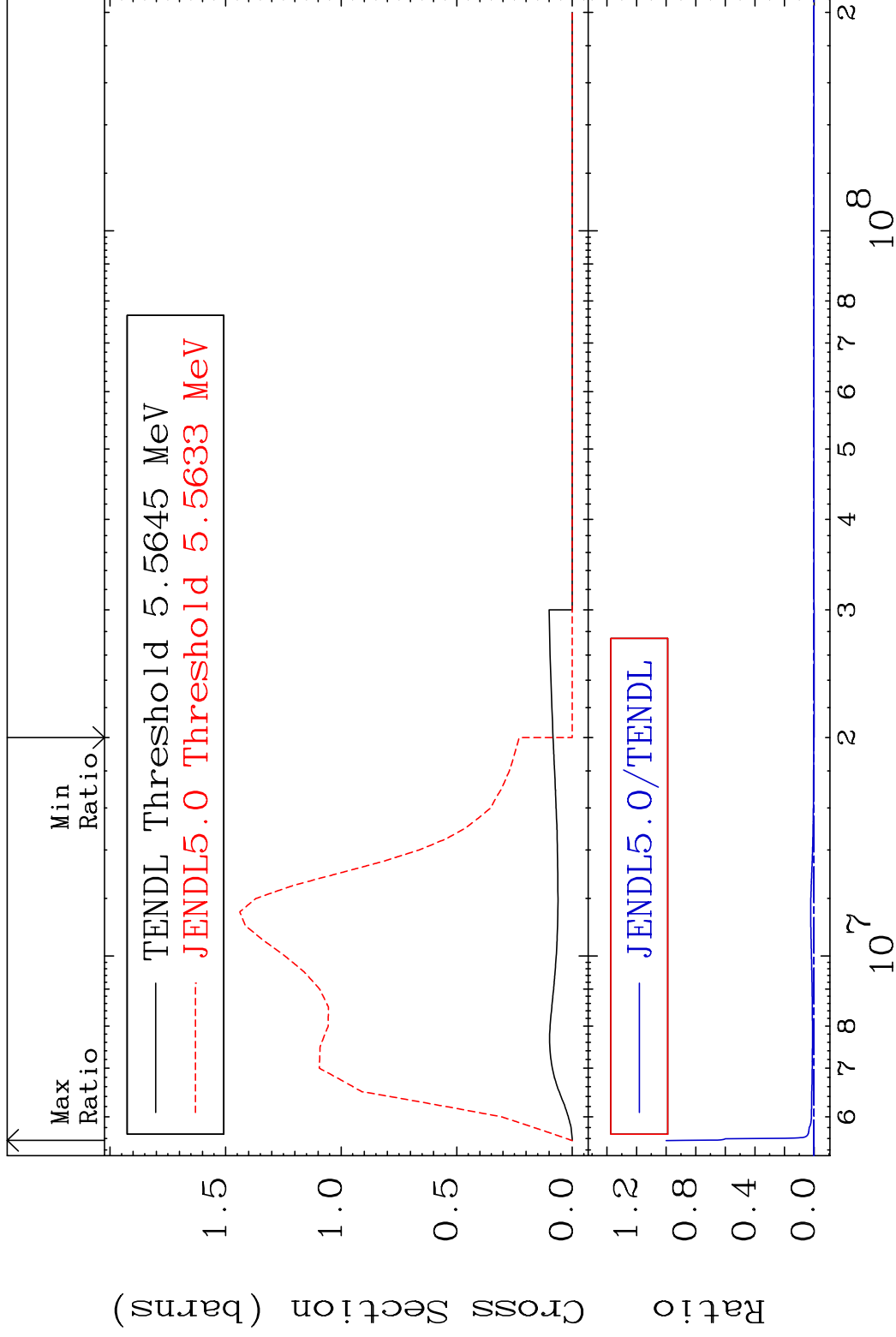
4 Incident Energy (eV) 100-Fm-253

MAT 9934

(n,2n)

100-Fm-253

Cross Section -100.0 To 9999. %

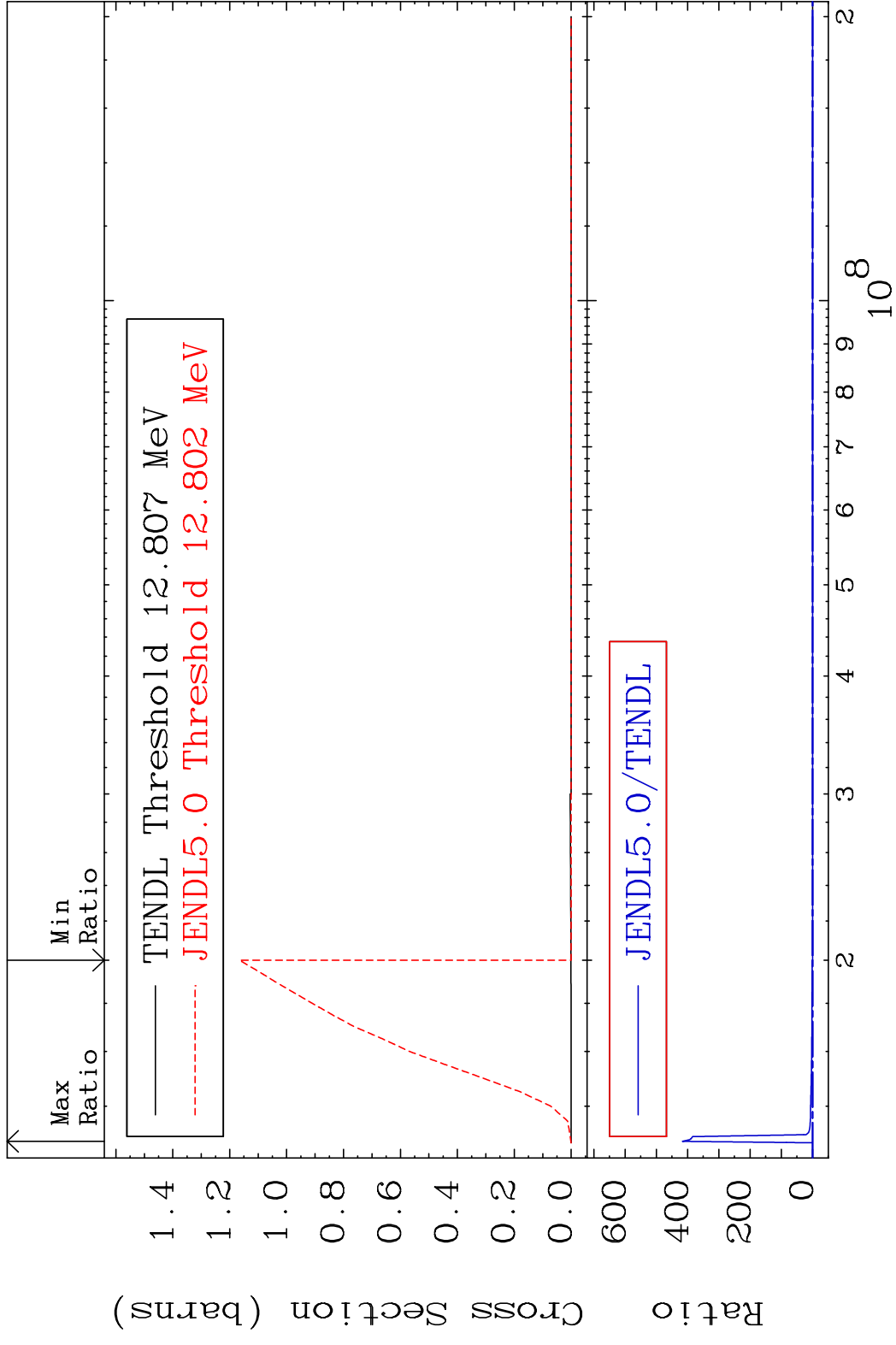


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Incident Energy (eV)

100-Fm-253

MAT 9934 (n,3n) 100-Fm-253
 Cross Section -100.0 To 9999. %

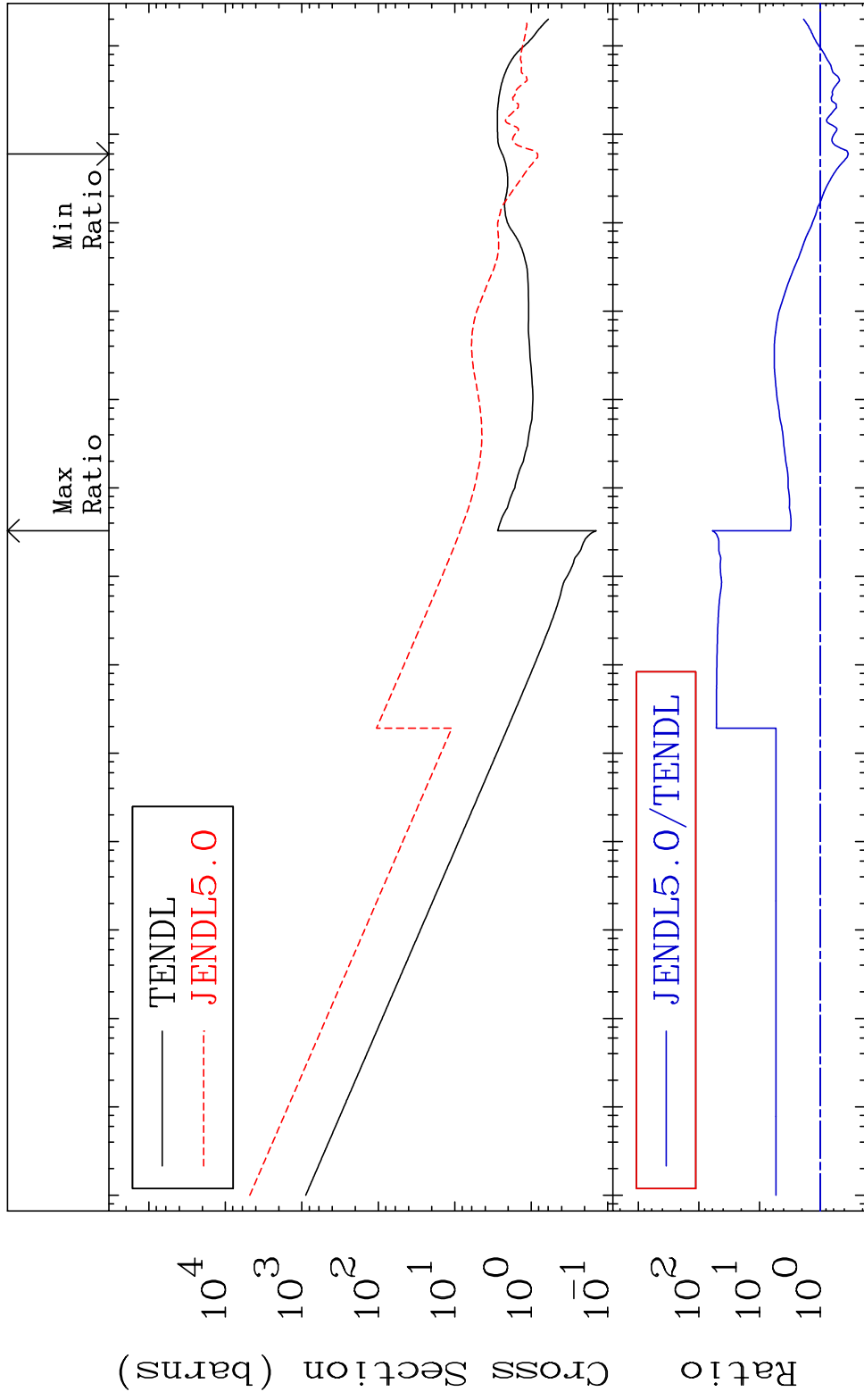


MAT 9934

Fission

100-Fm-253

Cross Section -65.60 To 5907. %



7

Incident Energy (eV)

100-Fm-253

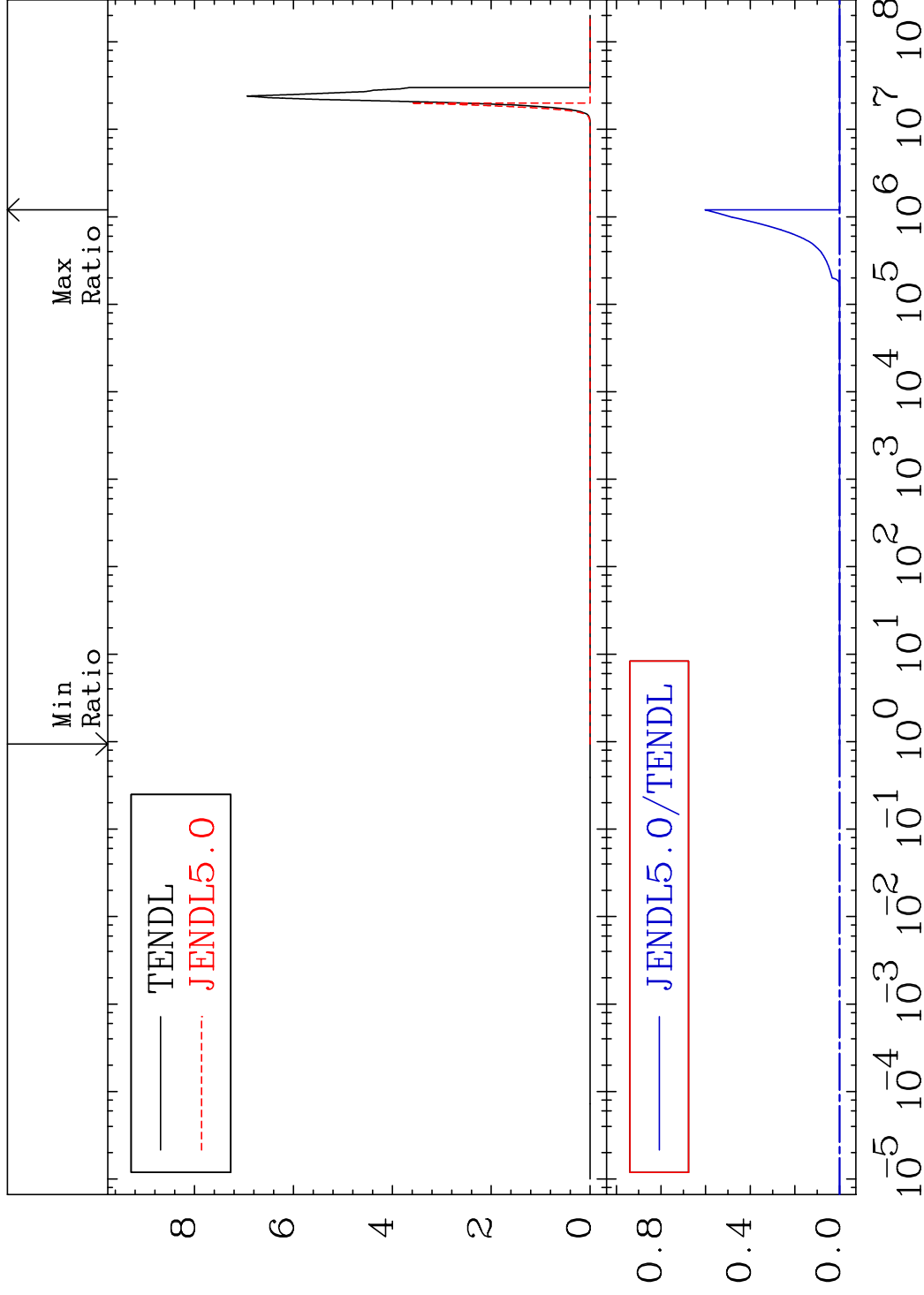
MAT 9934

(n, n') α

Cross Section -100.0 To 9999. %

100-Fm-253

RatioCross Section (milli-barns)



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Incident Energy (eV)

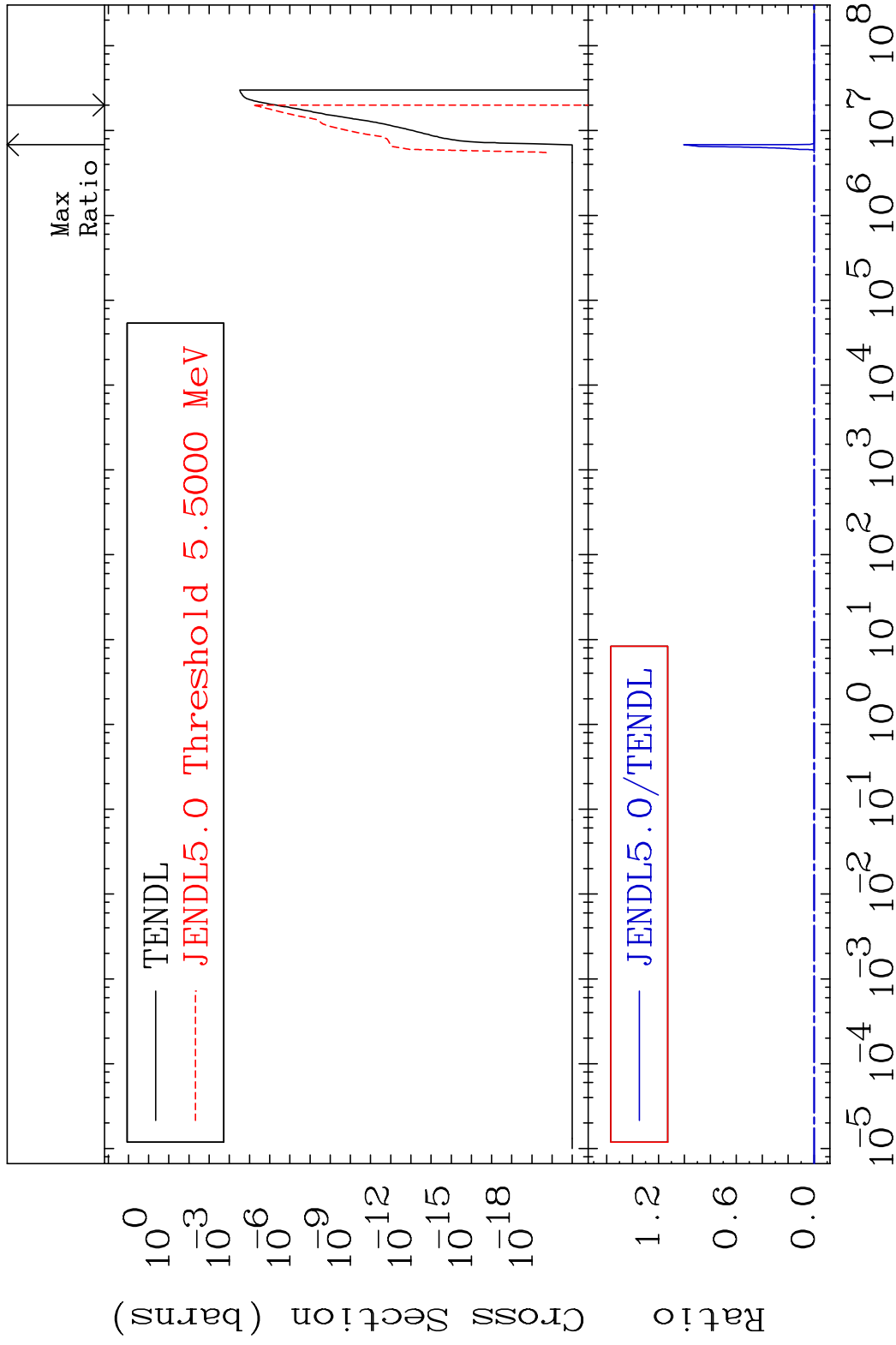
100-Fm-253

MAT 9934

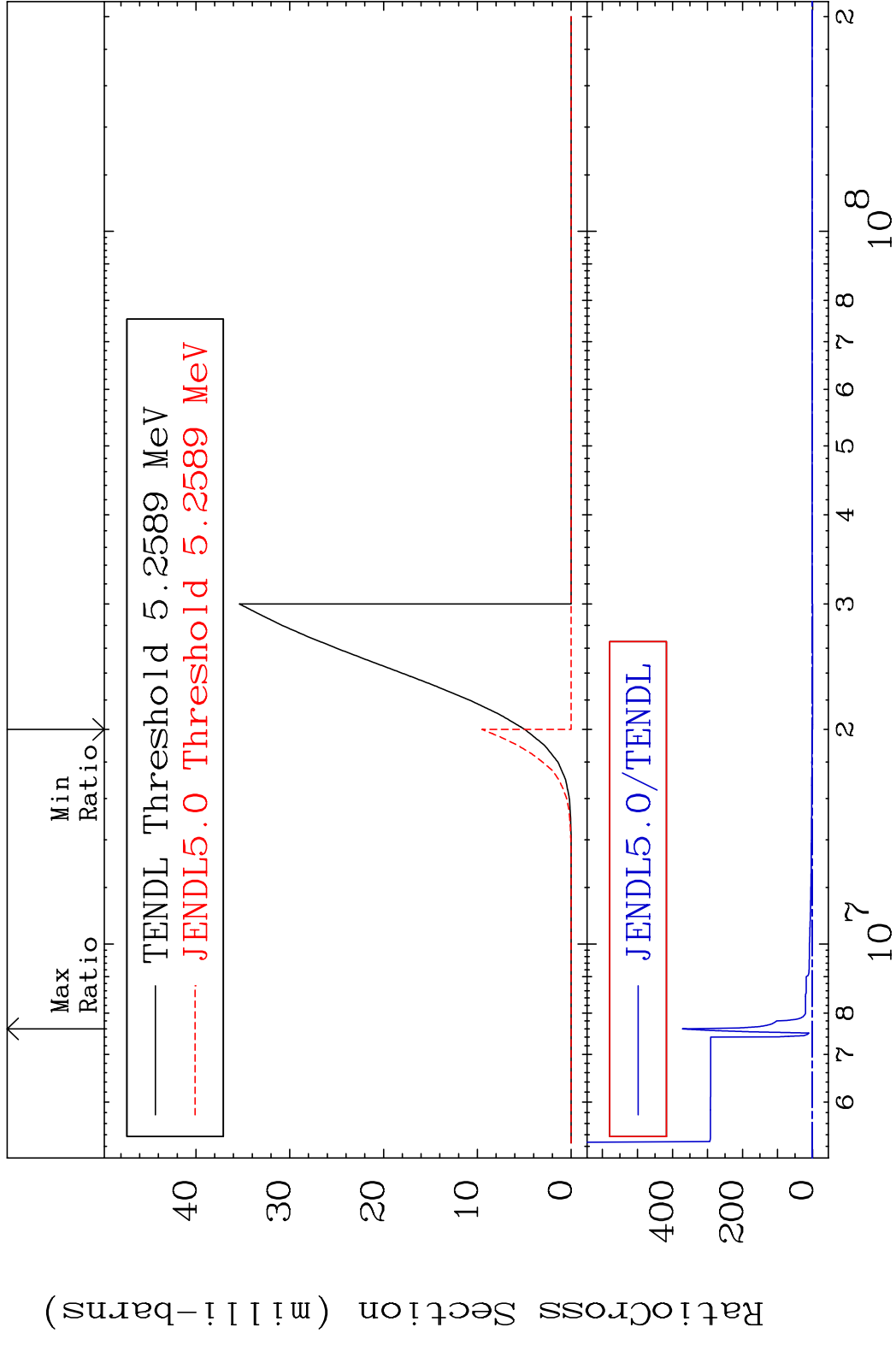
(n,2n) α

100-Fm-253

Cross Section -100.0 To 9999. %

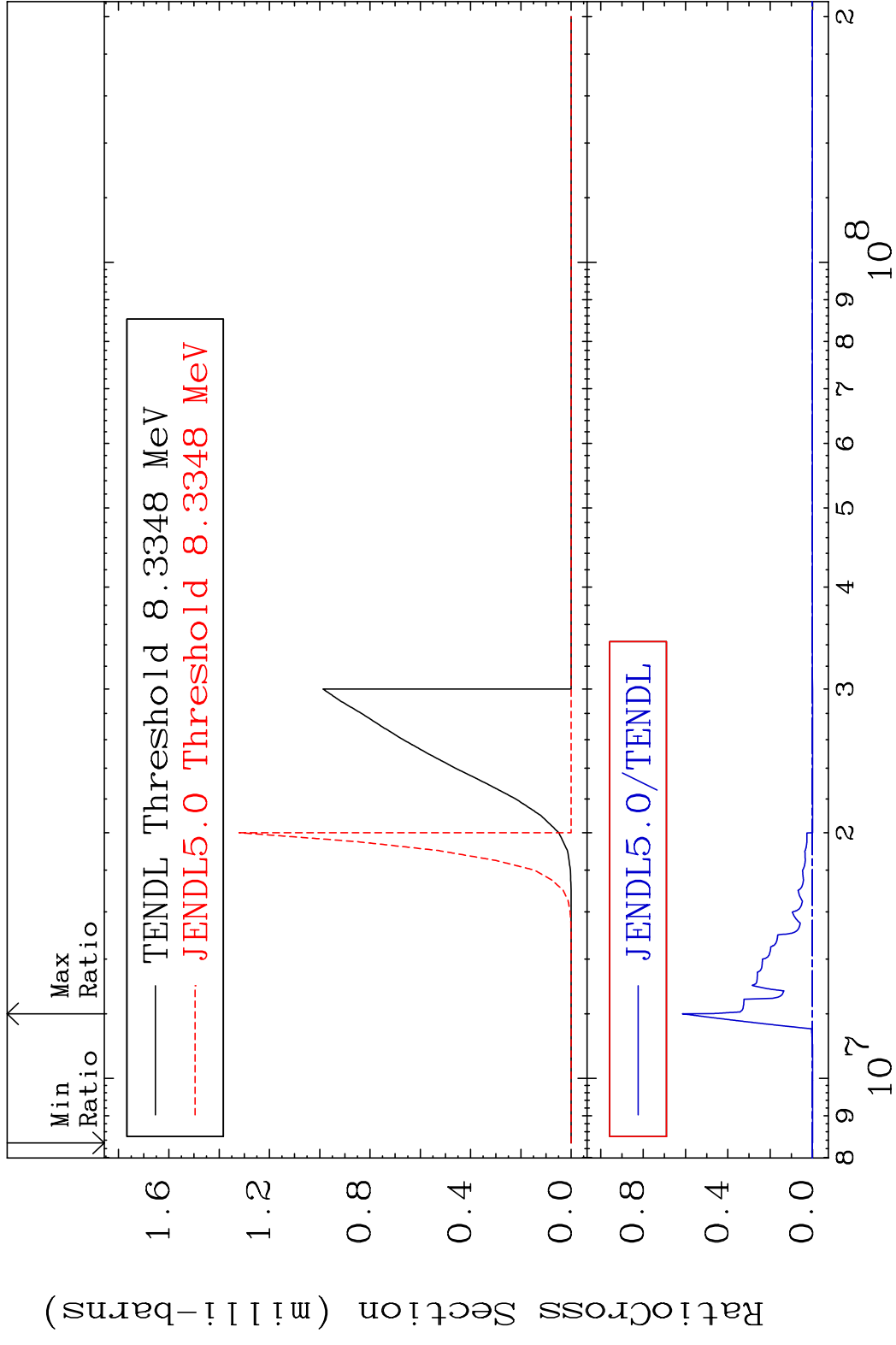


MAT 9934 (n, n') p 100-Fm-253
 Cross Section -100.0 To 9999. %

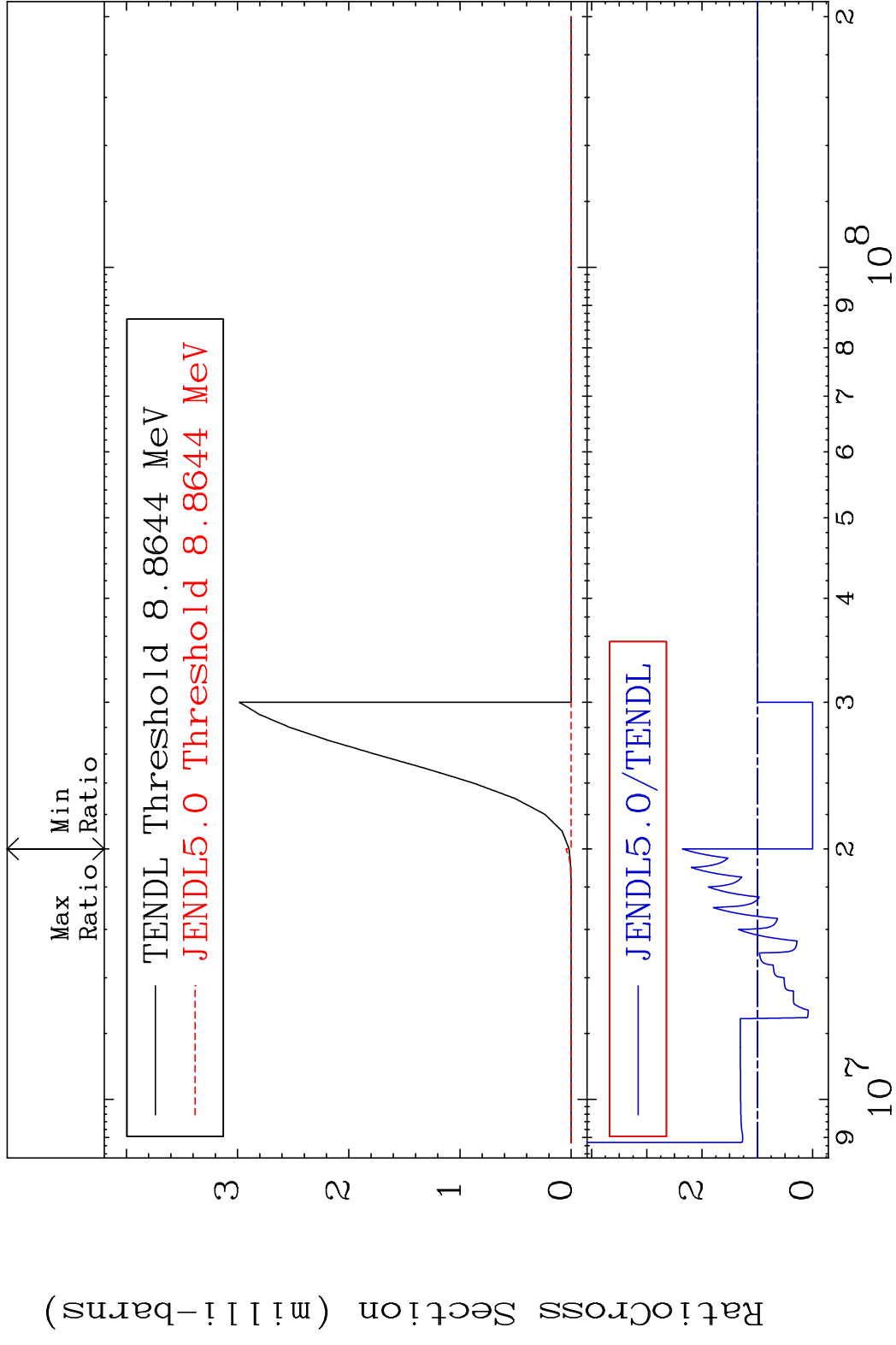


10 100-Fm-253

MAT 9934 (n, n') d 100-Fm-253
 Cross Section -100.0 To 9999. %

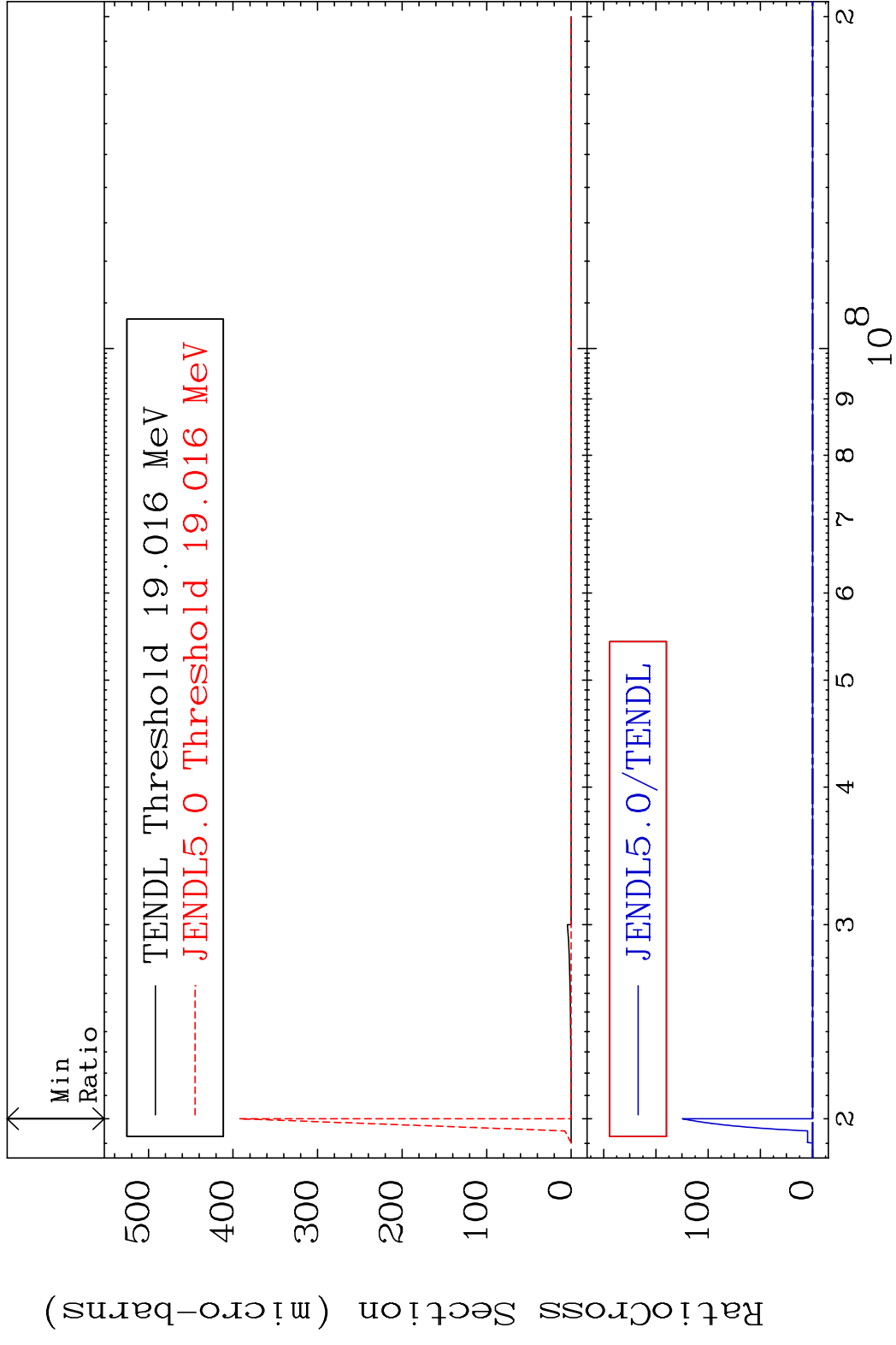


MAT 9934 (n, n') t 100-Fm-253
 Cross Section -100.0 To 135.7 %



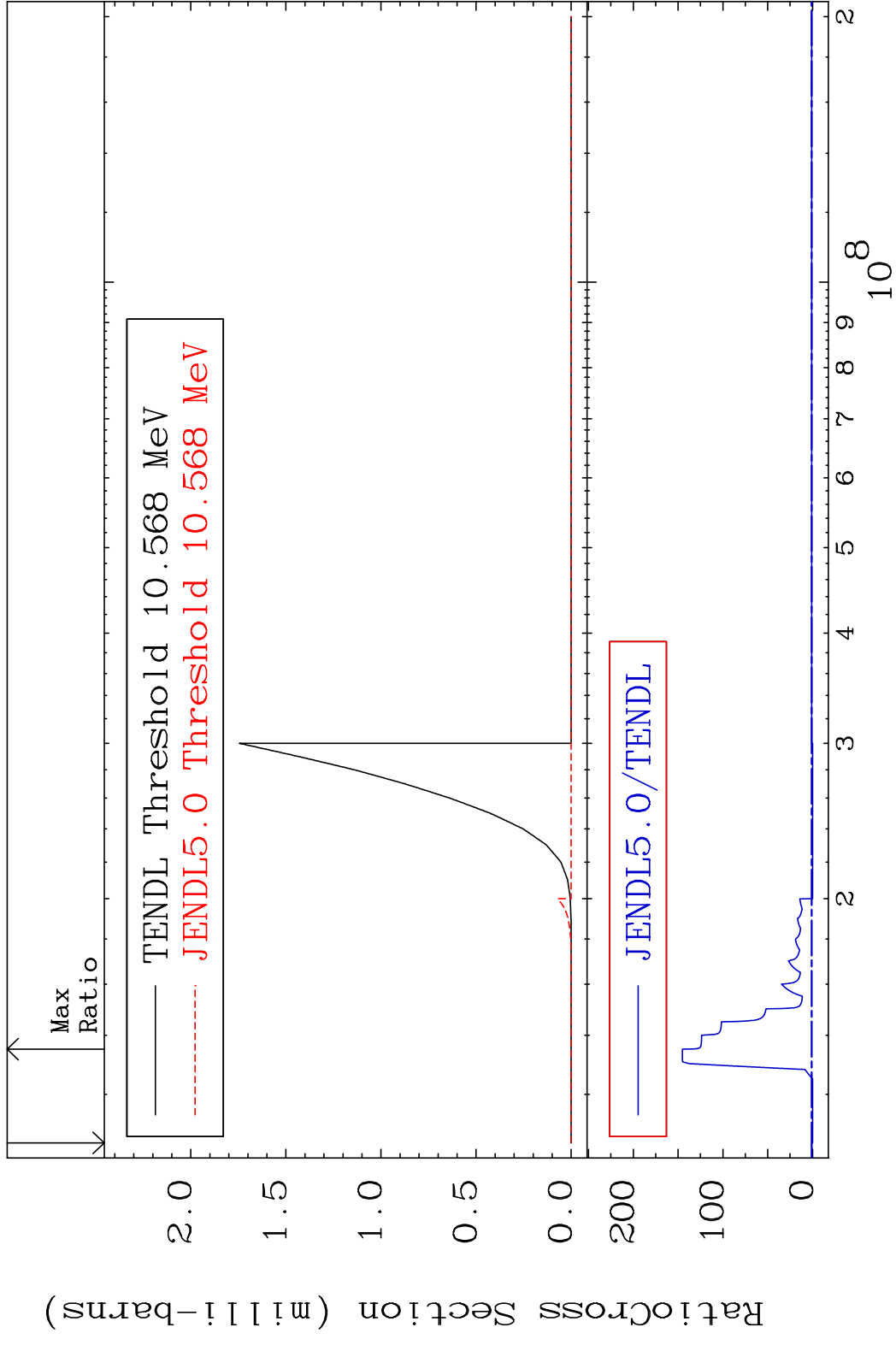
12 Incident Energy (eV) 100-Fm-253

MAT 9934 (n,4n) 100-Fm-253
 Cross Section -100.0 To 9999. %

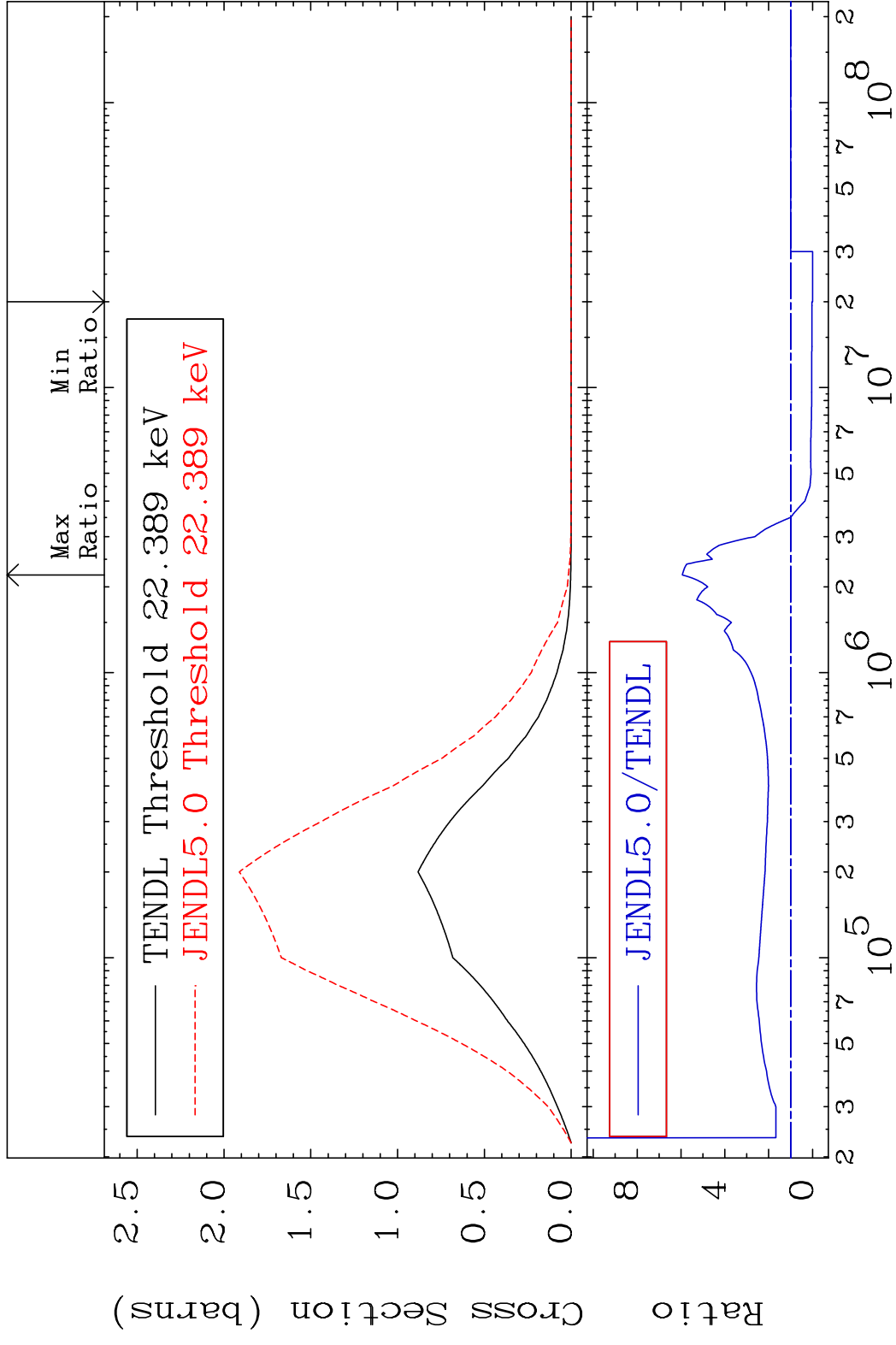


13 Incident Energy (eV) 100-Fm-253

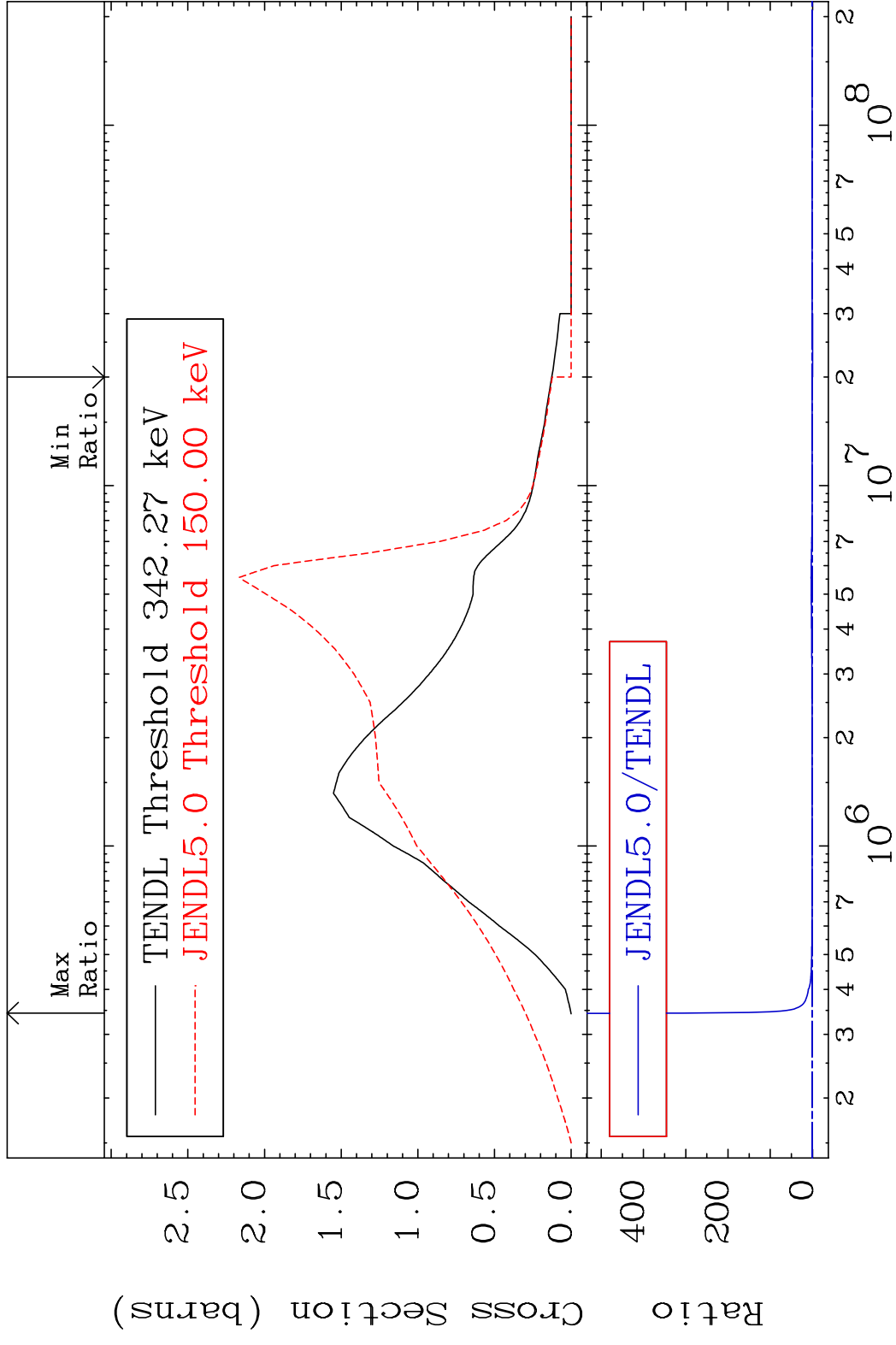
MAT 9934 (n,2n) p 100-Fm-253
 Cross Section -100.0 To 9999. %



MAT 9934 MT= 51 (n, n') Level 100-Fm-253
 Cross Section -100.0 To 493.8 %



MAT 9934 (n,n') Continuum 100-Fm-253
 Cross Section -100.0 To 9999. %

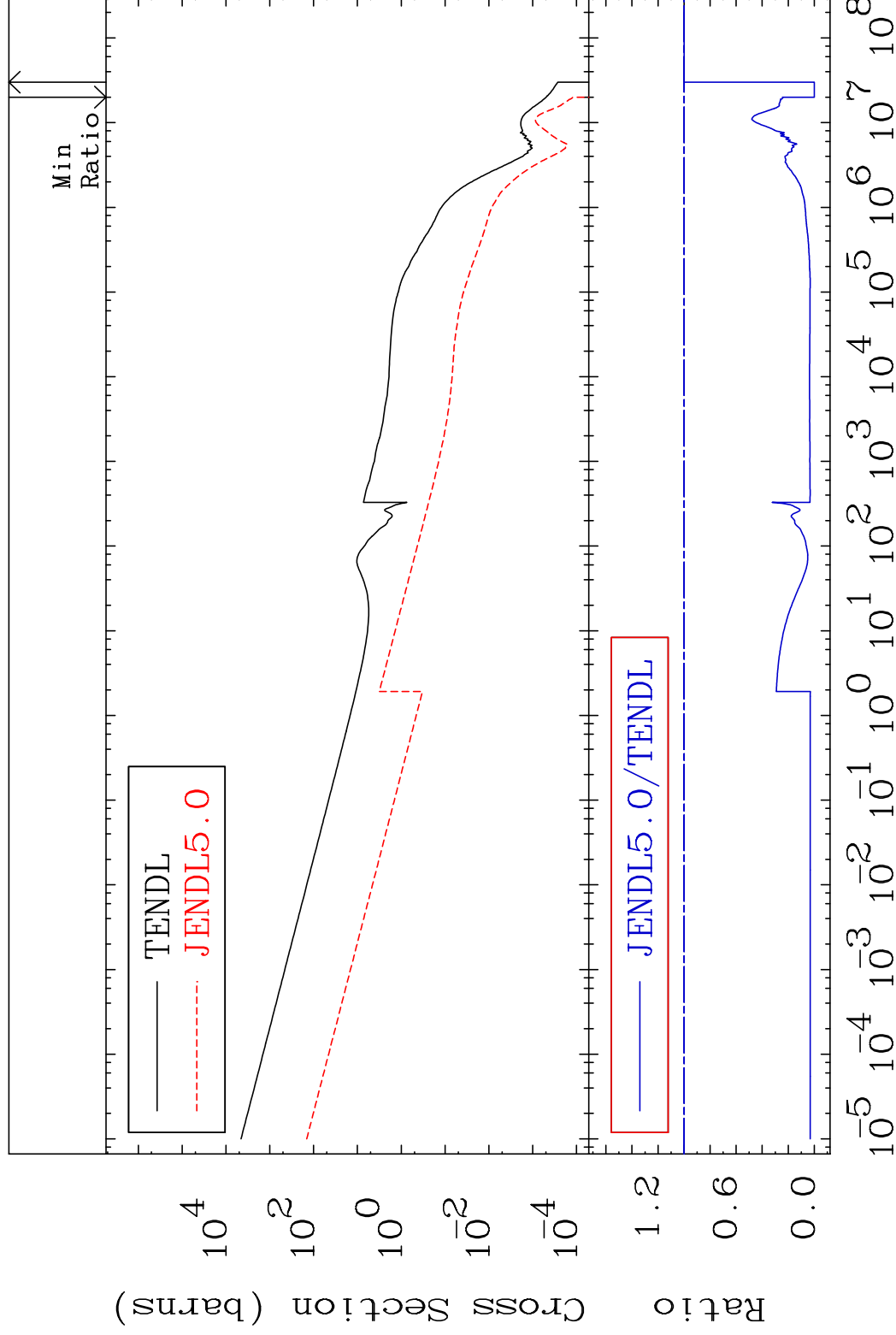


MAT 9934

(n, γ)

100-Fm-253

Cross Section -100.0 To 0.000 %



17

Incident Energy (eV)

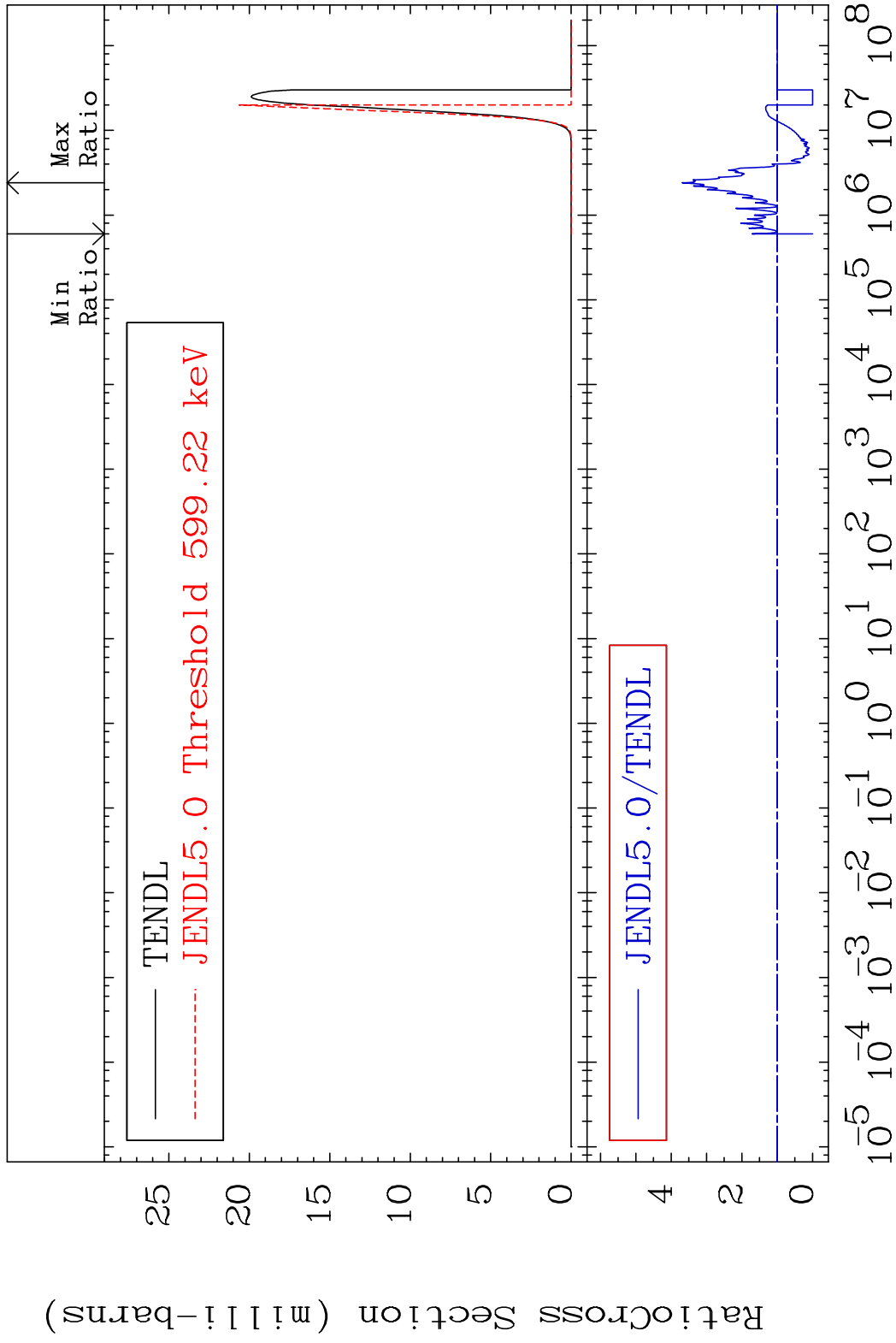
100-Fm-253

MAT 9934

(n, p)

100-Fm-253

Cross Section -100.0 To 268.3 %

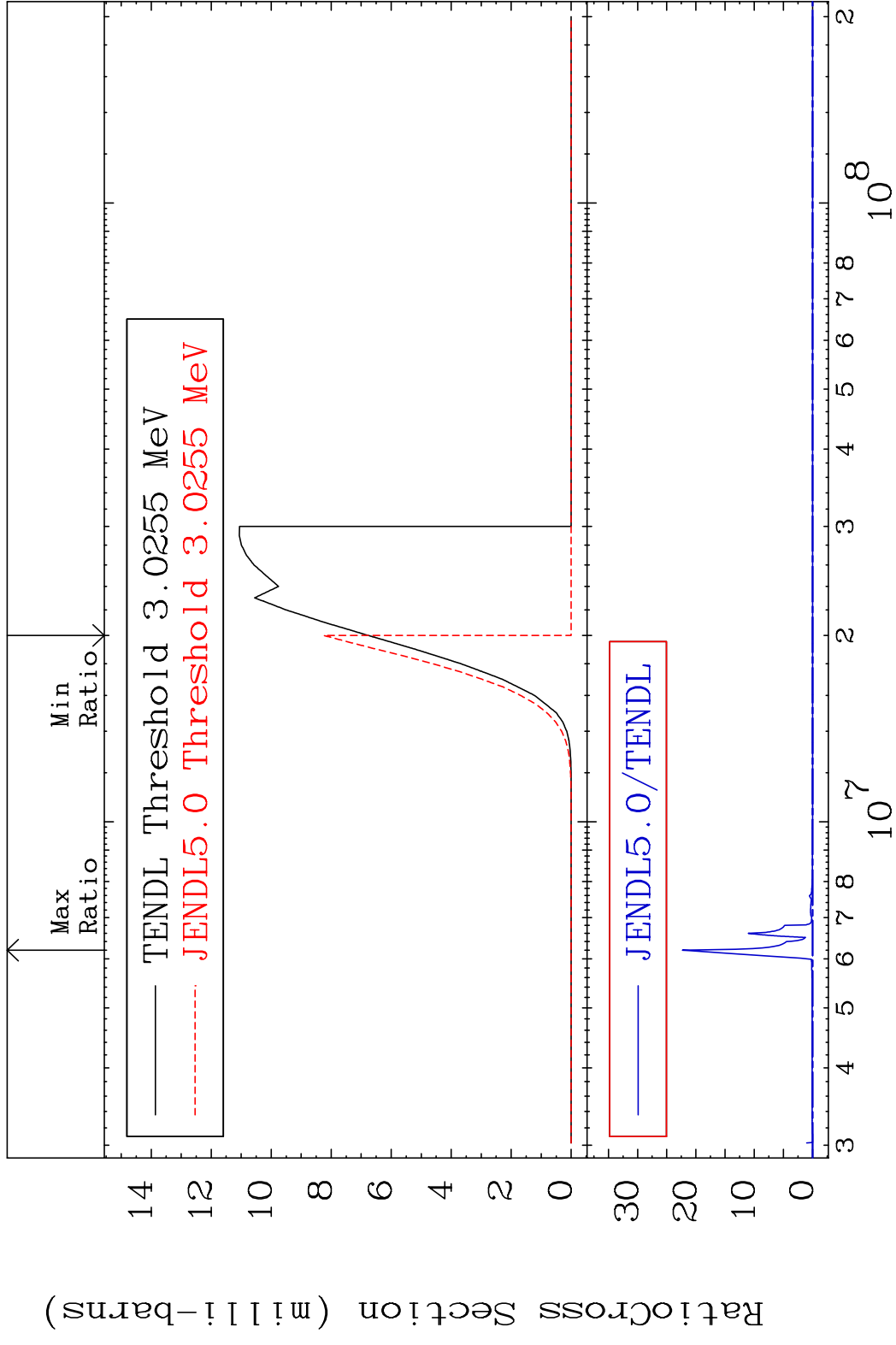


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Incident Energy (eV)

100-Fm-253

MAT 9934 (n,d) 100-Fm-253
 Cross Section -100.0 To 9999. %



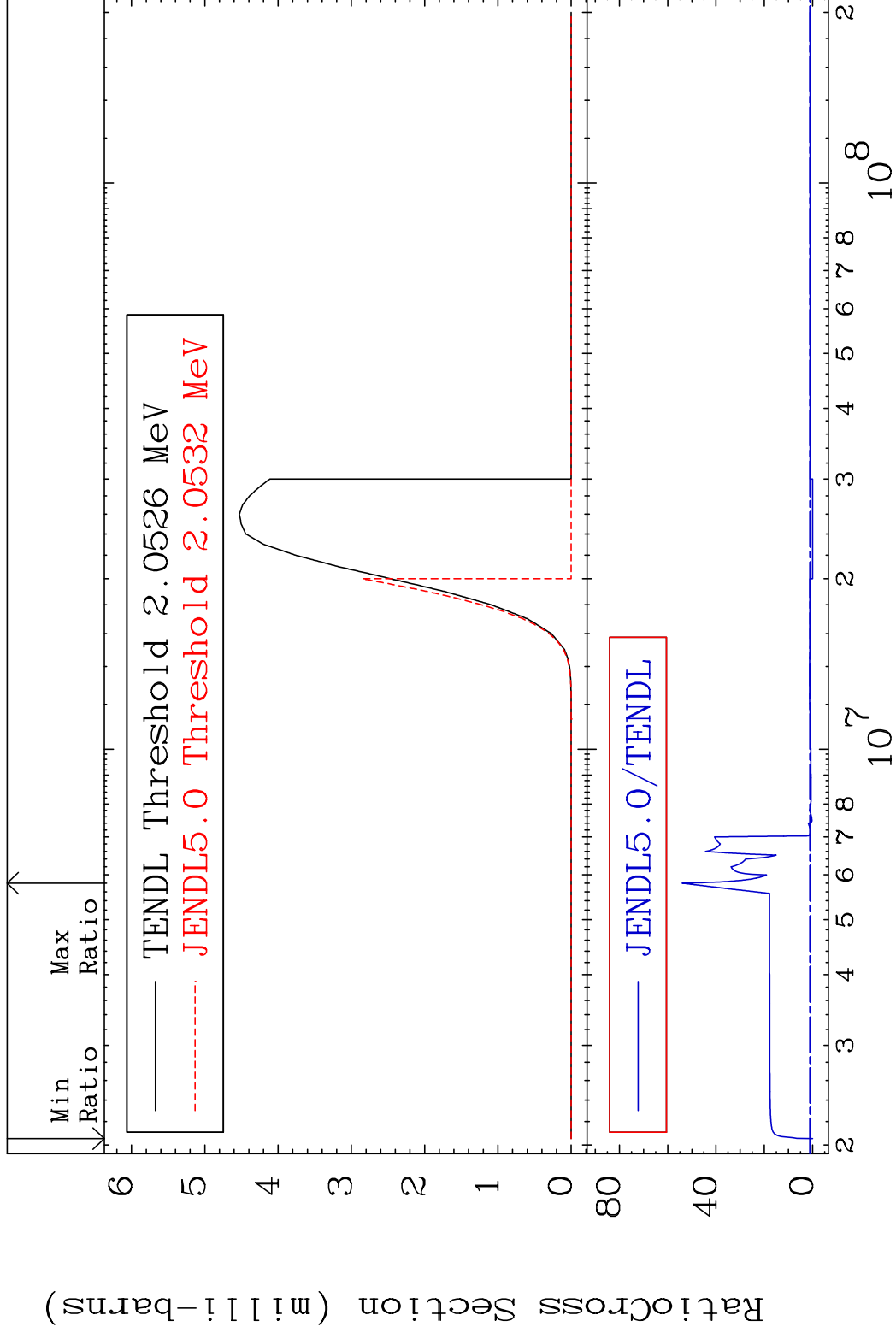
19 Incident Energy (eV) 100-Fm-253

MAT 9934

(n, t)

100-Fm-253

Cross Section -100.0 To 5294. %



20

Incident Energy (eV)

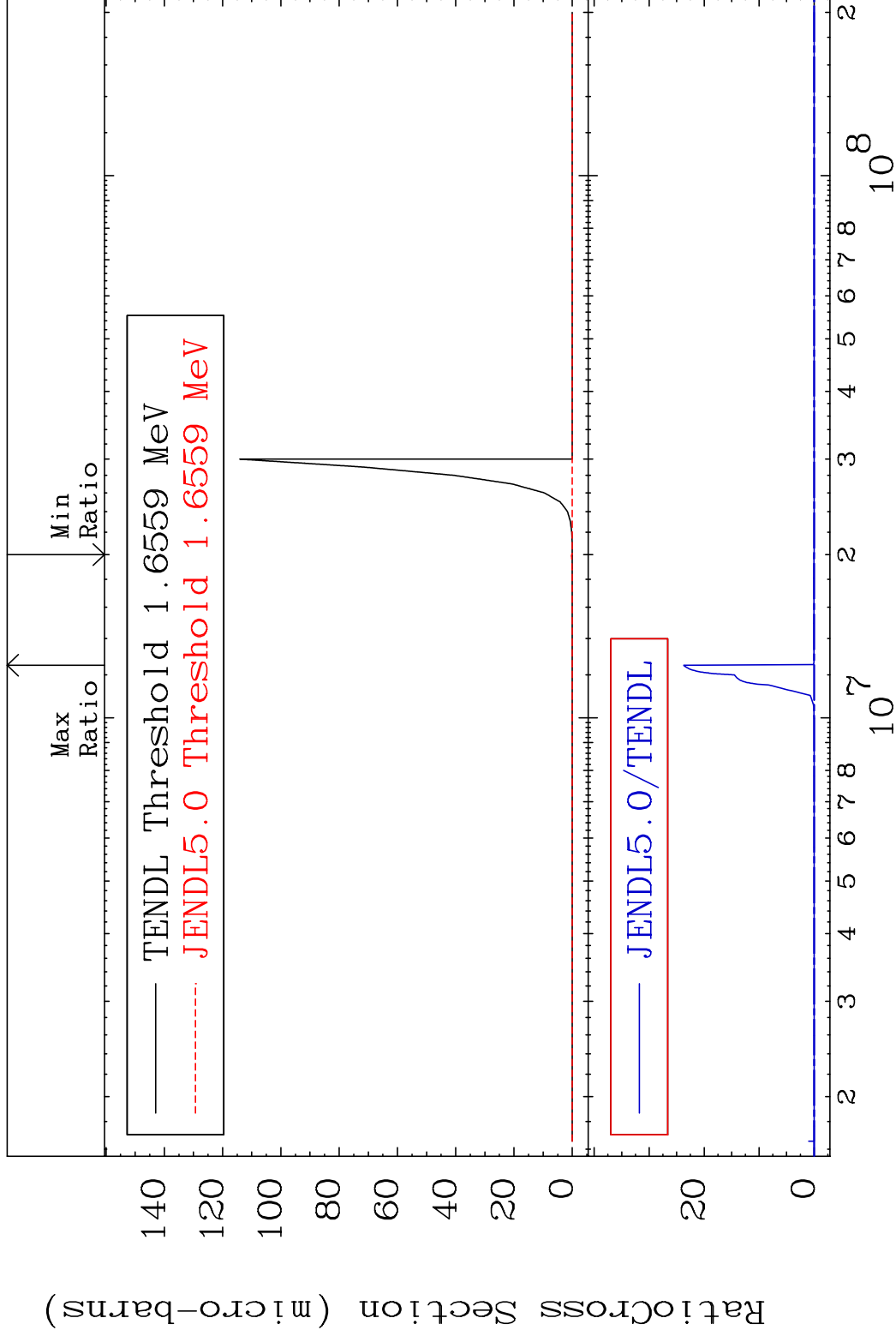
100-Fm-253

MAT 9934

(n, He-3)

100-Fm-253

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

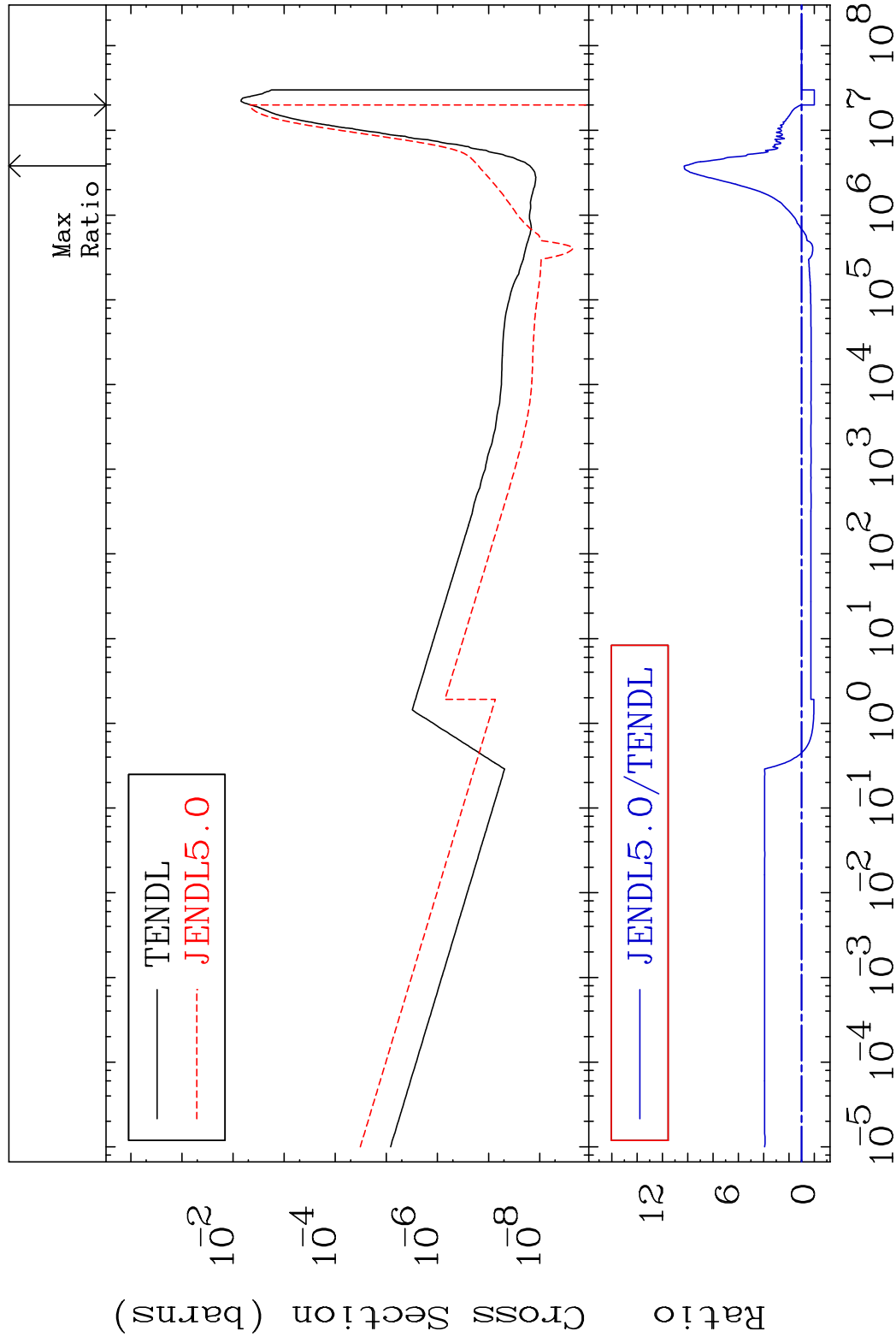
100-Fm-253

MAT 9934

(n, α)

100-Fm-253

Cross Section -100.0 To 928.5 %



22

Incident Energy (eV)

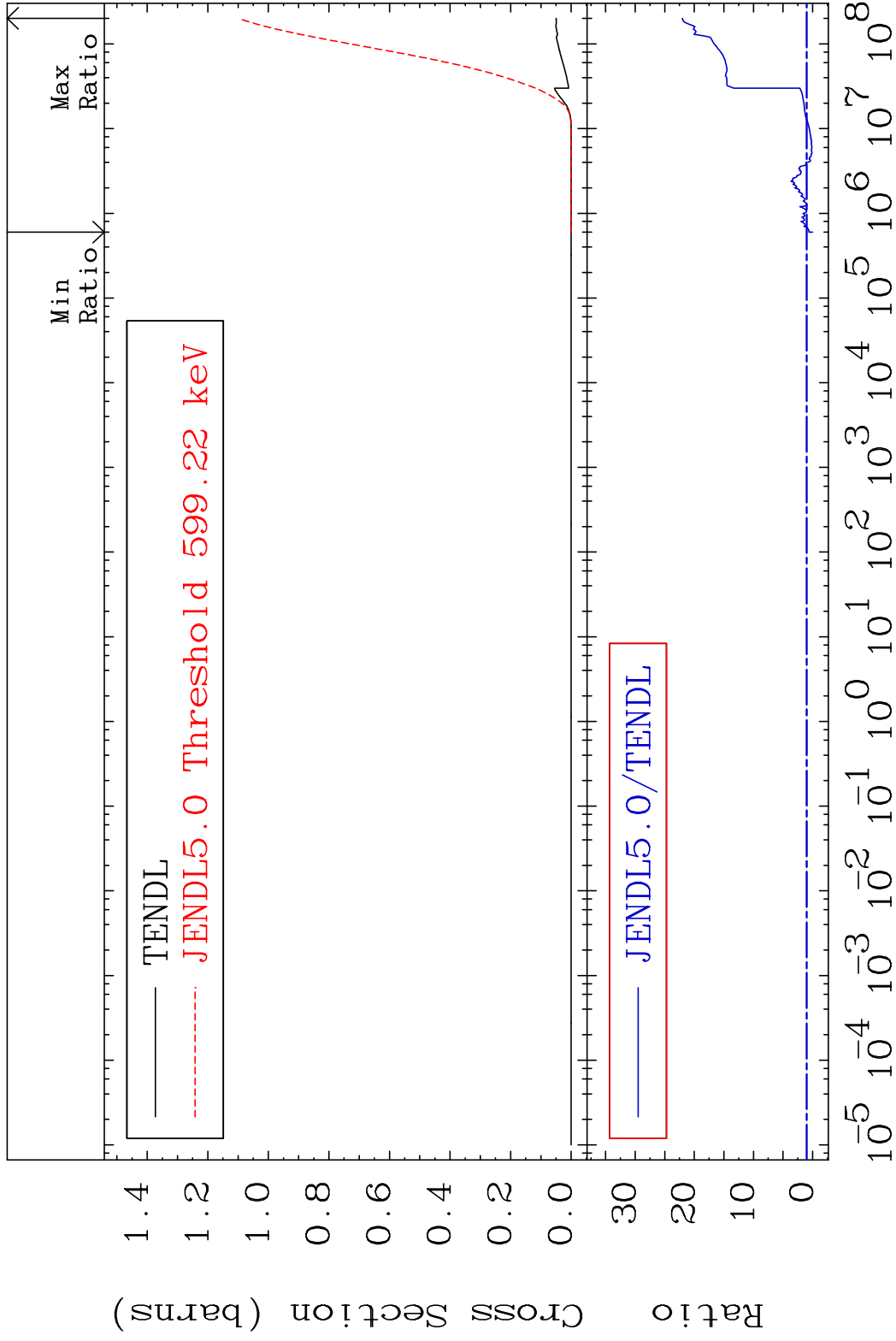
100-Fm-253

MAT 9934

Hydrogen Production

100-Fm-253

Cross Section -100.0 To 2102. %

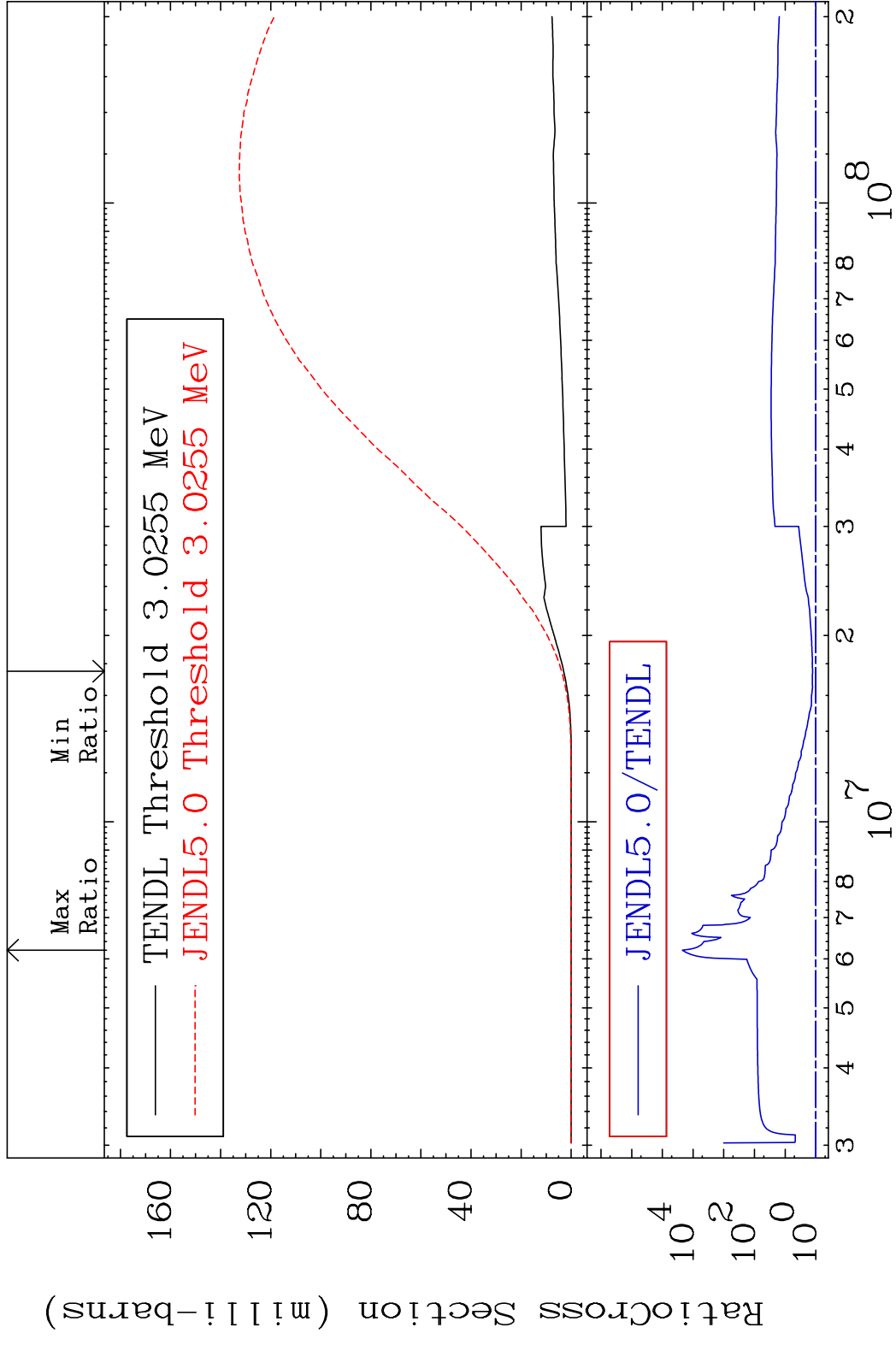


23

Incident Energy (eV)

100-Fm-253

MAT 9934 Deuterium Production 100-Fm-253
 Cross Section 28.07 To 9999. %



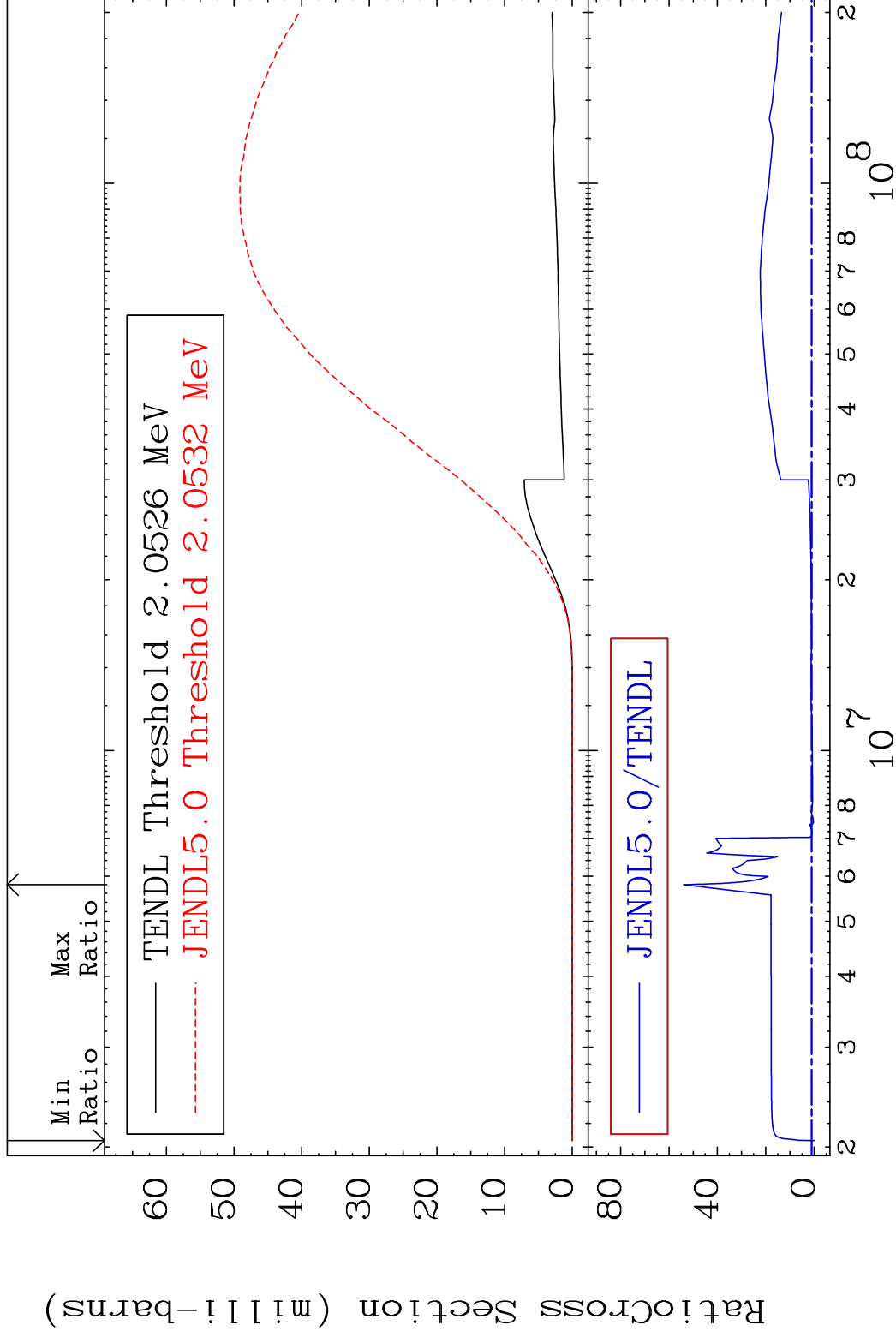
24 100-Fm-253

MAT 9934

Tritium Production

100-Fm-253

Cross Section -100.0 To 5294. %

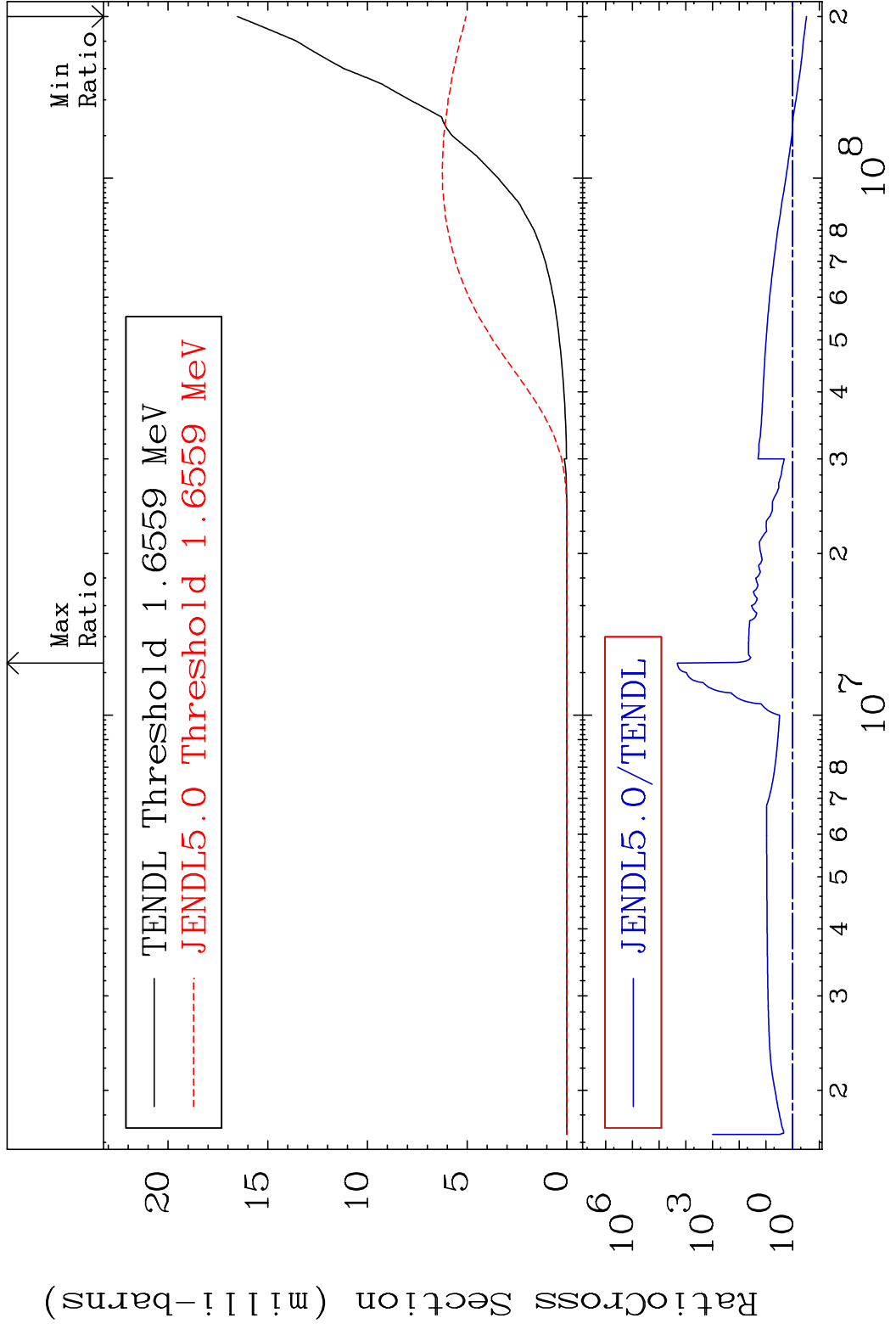


25

Incident Energy (eV)

100-Fm-253

MAT 9934 He-3 Production 100-Fm-253
 Cross Section -69.38 To 9999. %

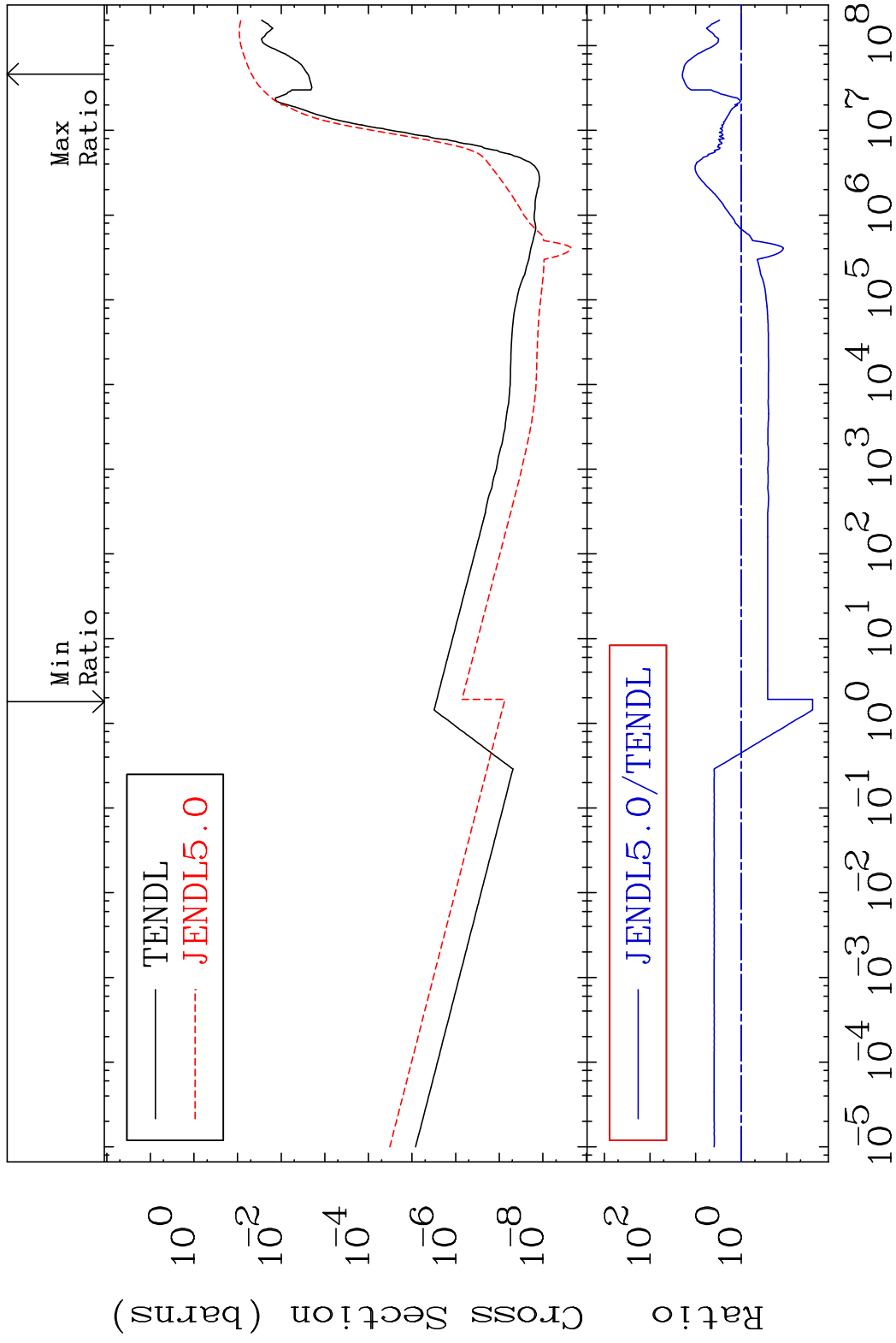


MAT 9934

He-4 Production

100-Fm-253

Cross Section -97.27 To 1856. %



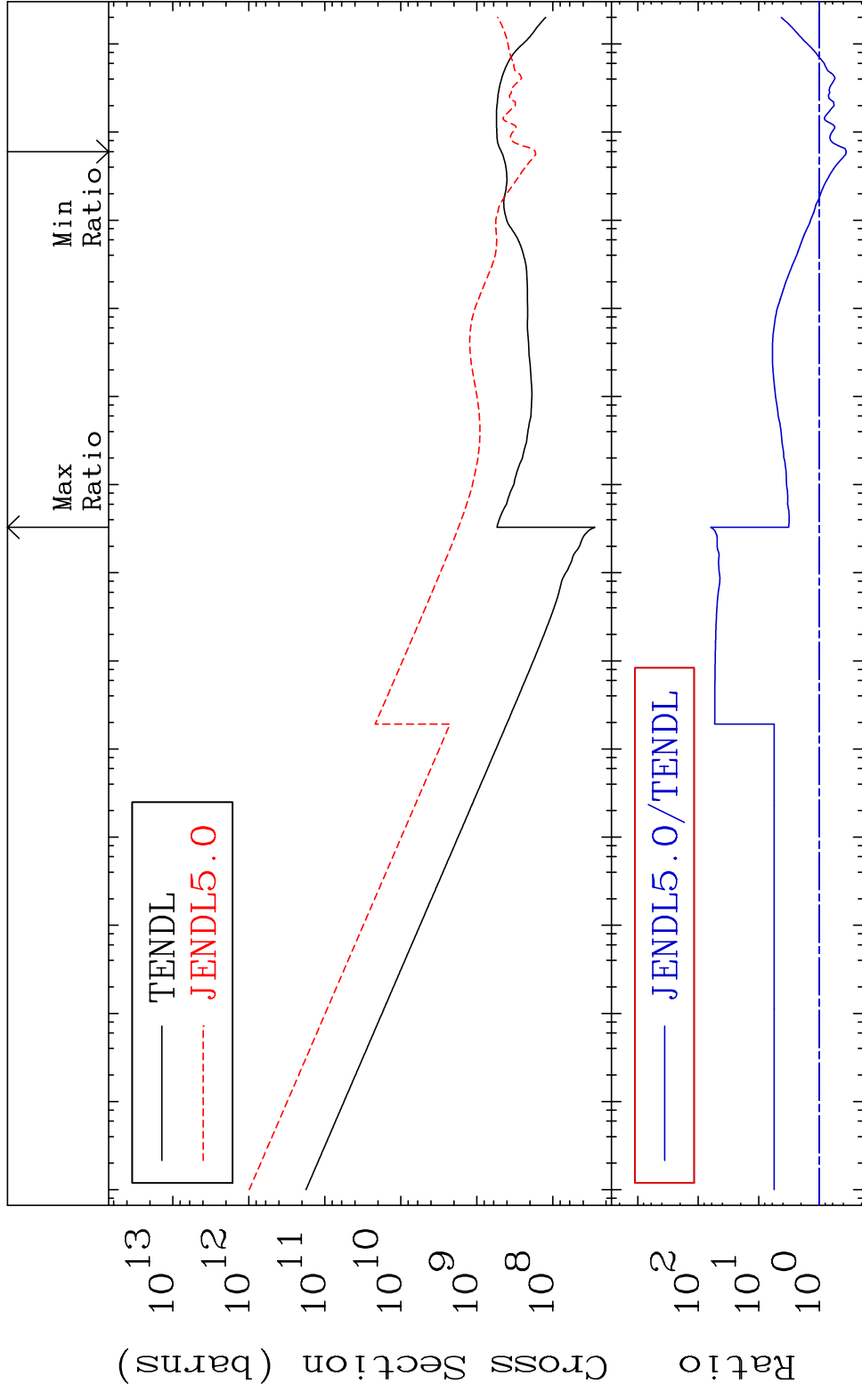
27

Incident Energy (eV)

100-Fm-253

MAT 9934

Kerma total (eV-barns) 100-Fm-253
Cross Section -64.25 To 6129. %

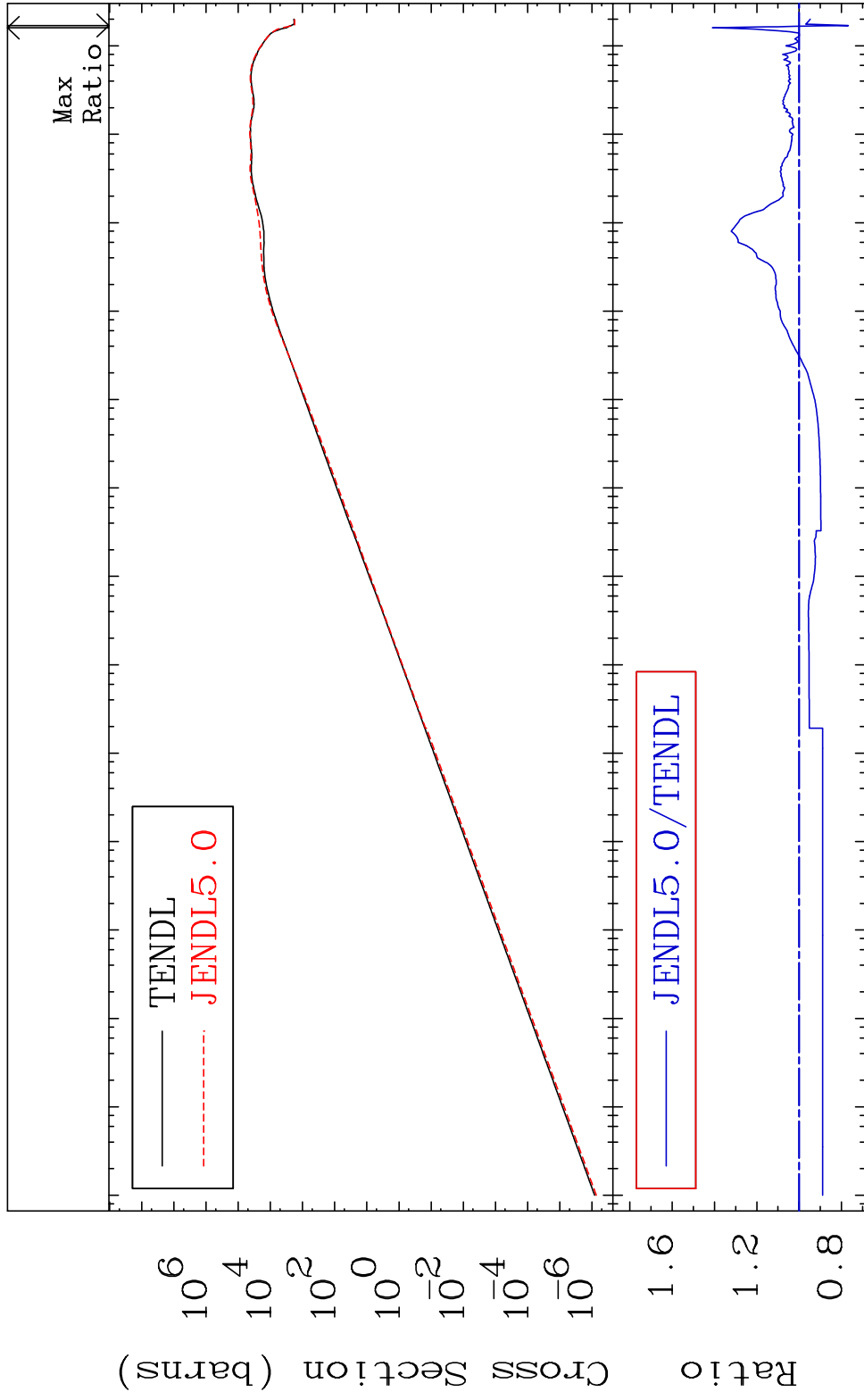


MAT 9934

Kerma elastic

100-Fm-253

Cross Section -23.19 To 40.98 %

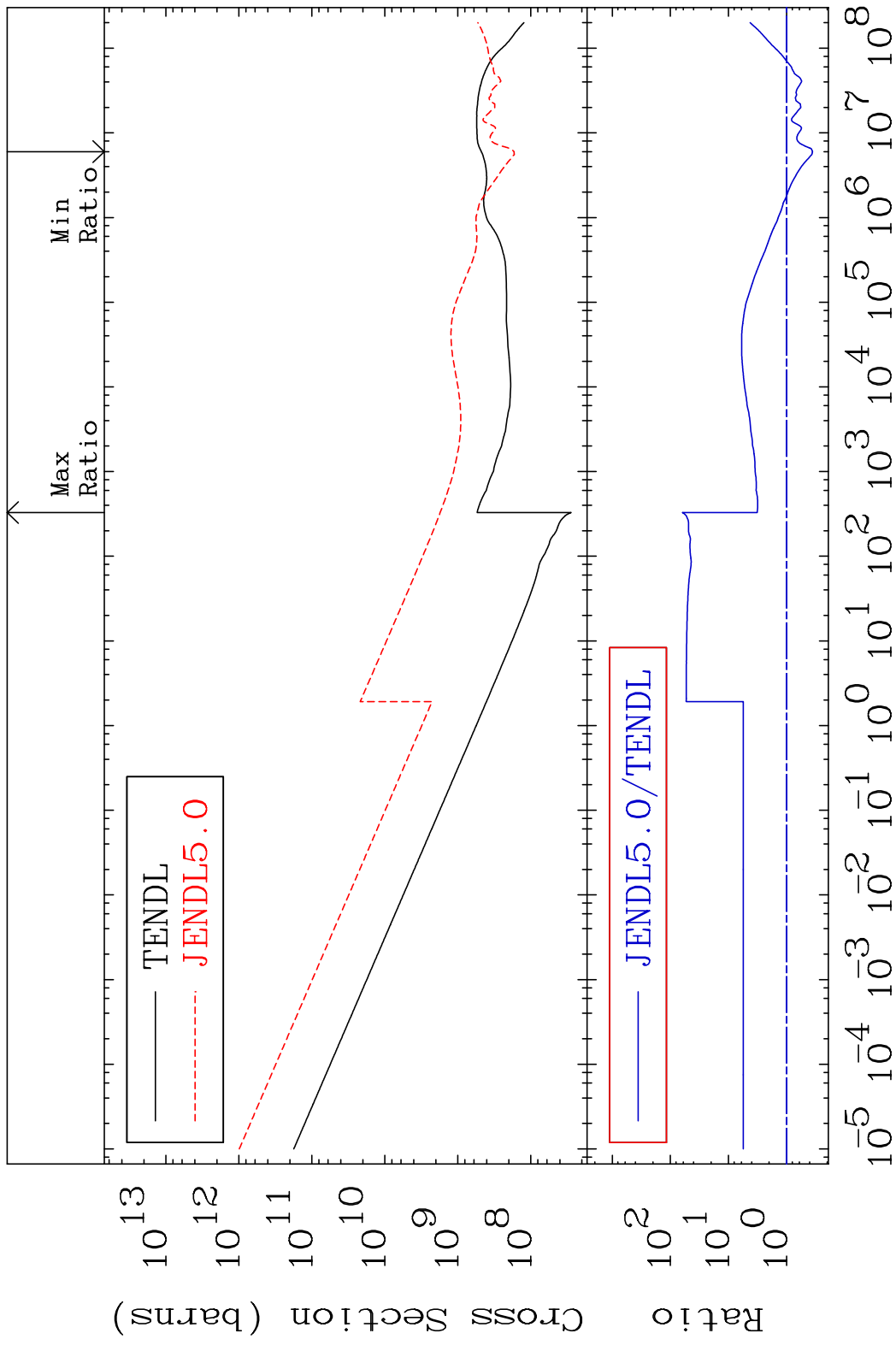


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Incident Energy (eV)

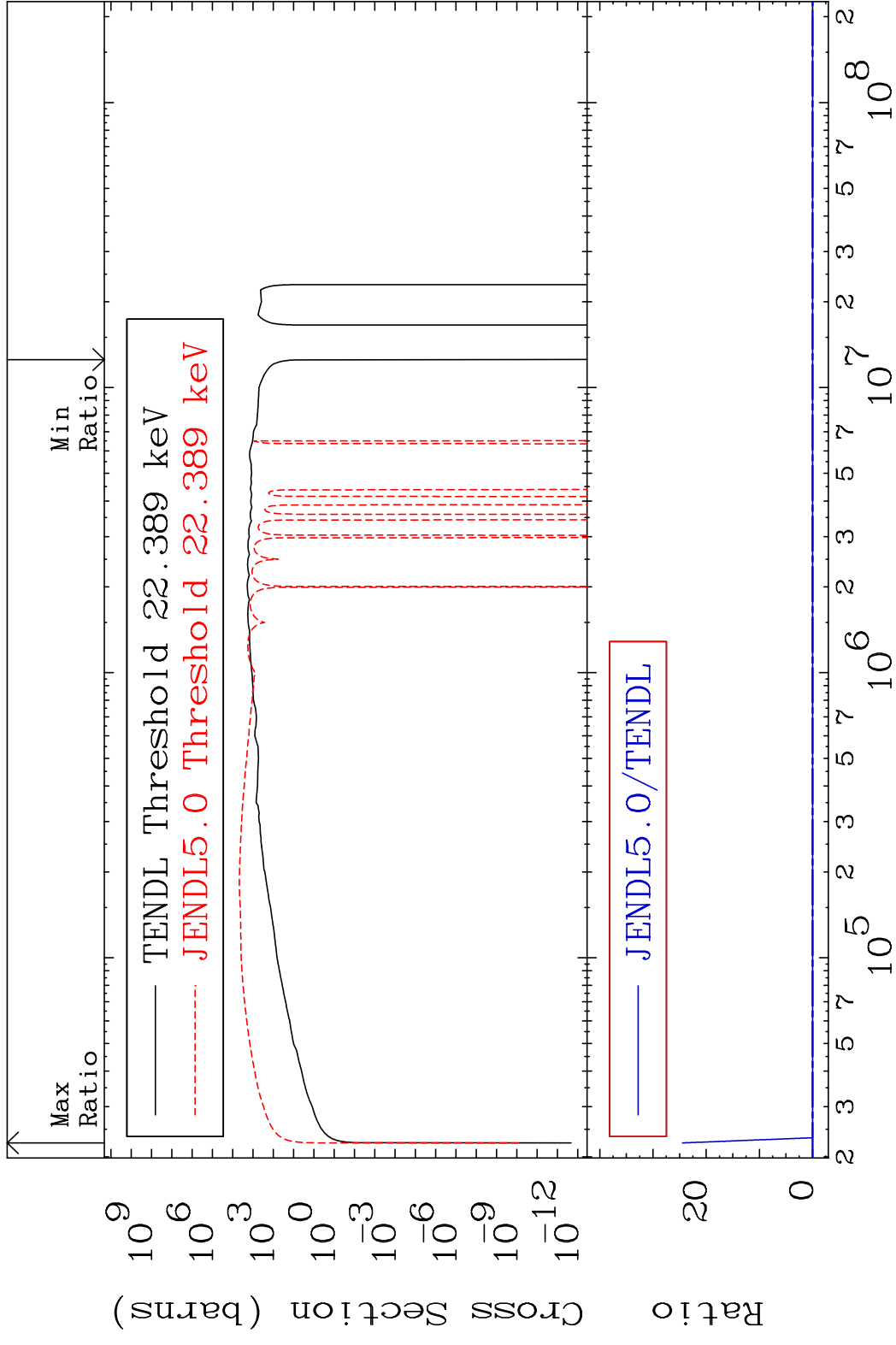
100-Fm-253

MAT 9934 Kerma non-elastic (all but mt2) 100-Fm-253
 Cross Section -64.26 To 6129. %

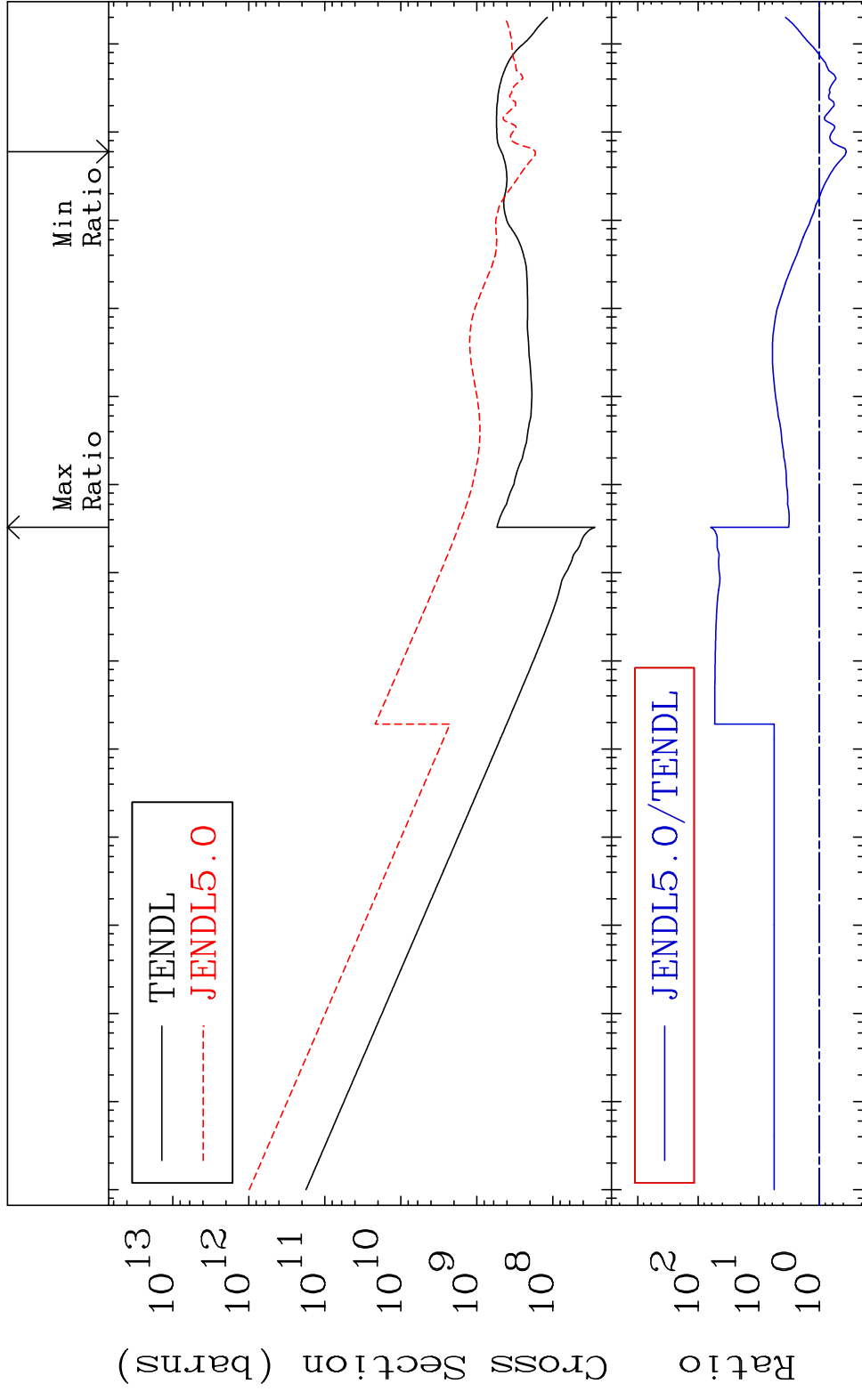


30 Incident Energy (eV) 100-Fm-253

MAT 9934 Kerma inelastic (mt51-91) 100-Fm-253
 Cross Section -9999. To 9999. %



MAT 9934 Kerma fission (mt18 or mt19-20-21-38)00-Fm-253
 Cross Section -64.25 To 6129. %

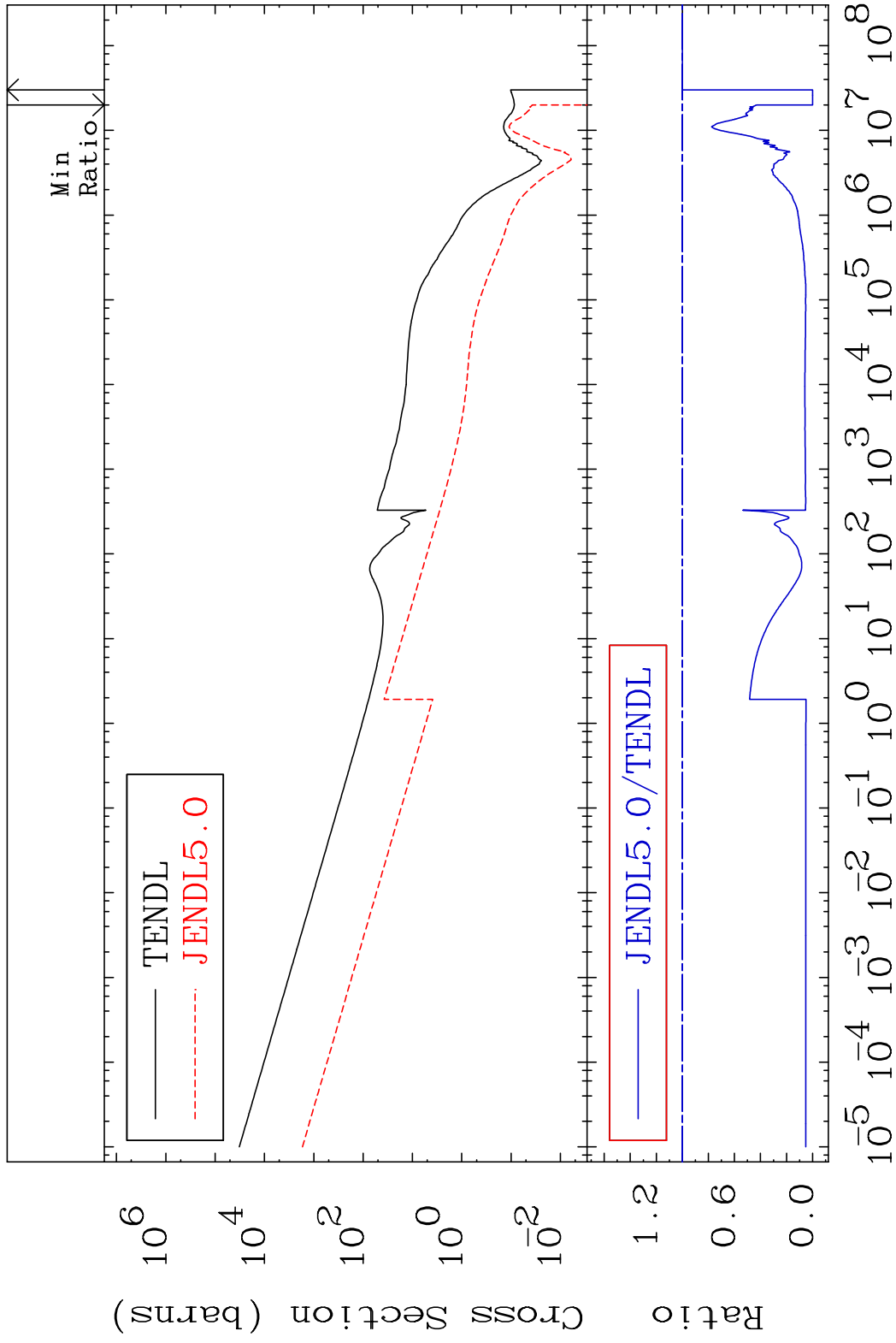


MAT 9934

Kerma capture (mt102)

100-Fm-253

Cross Section -100.0 To 0.000 %

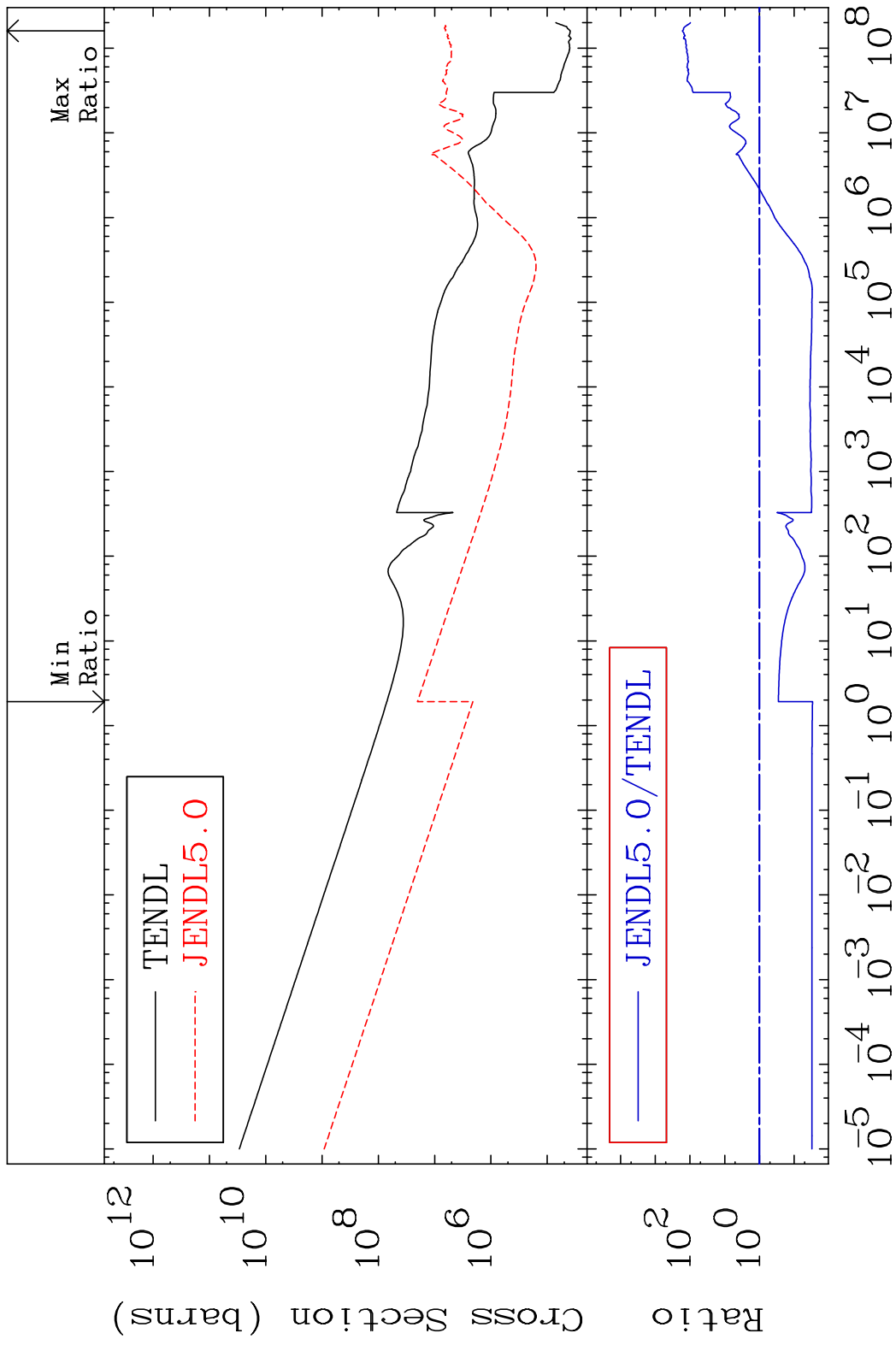


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Incident Energy (eV)

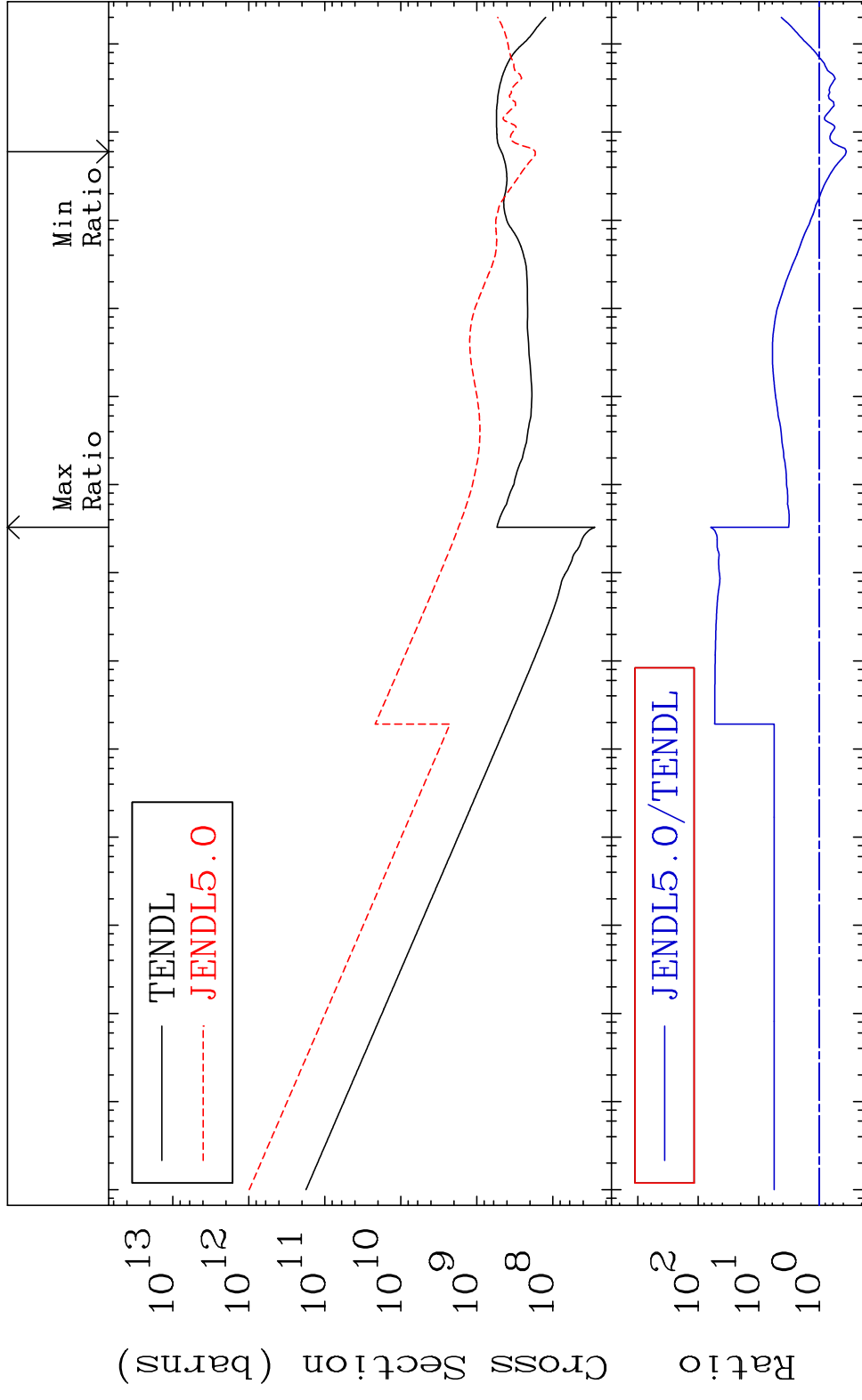
100-Fm-253

MAT 9934 Total photon (eV-barns) 100-Fm-253
 Cross Section -97.04 To 9999. %

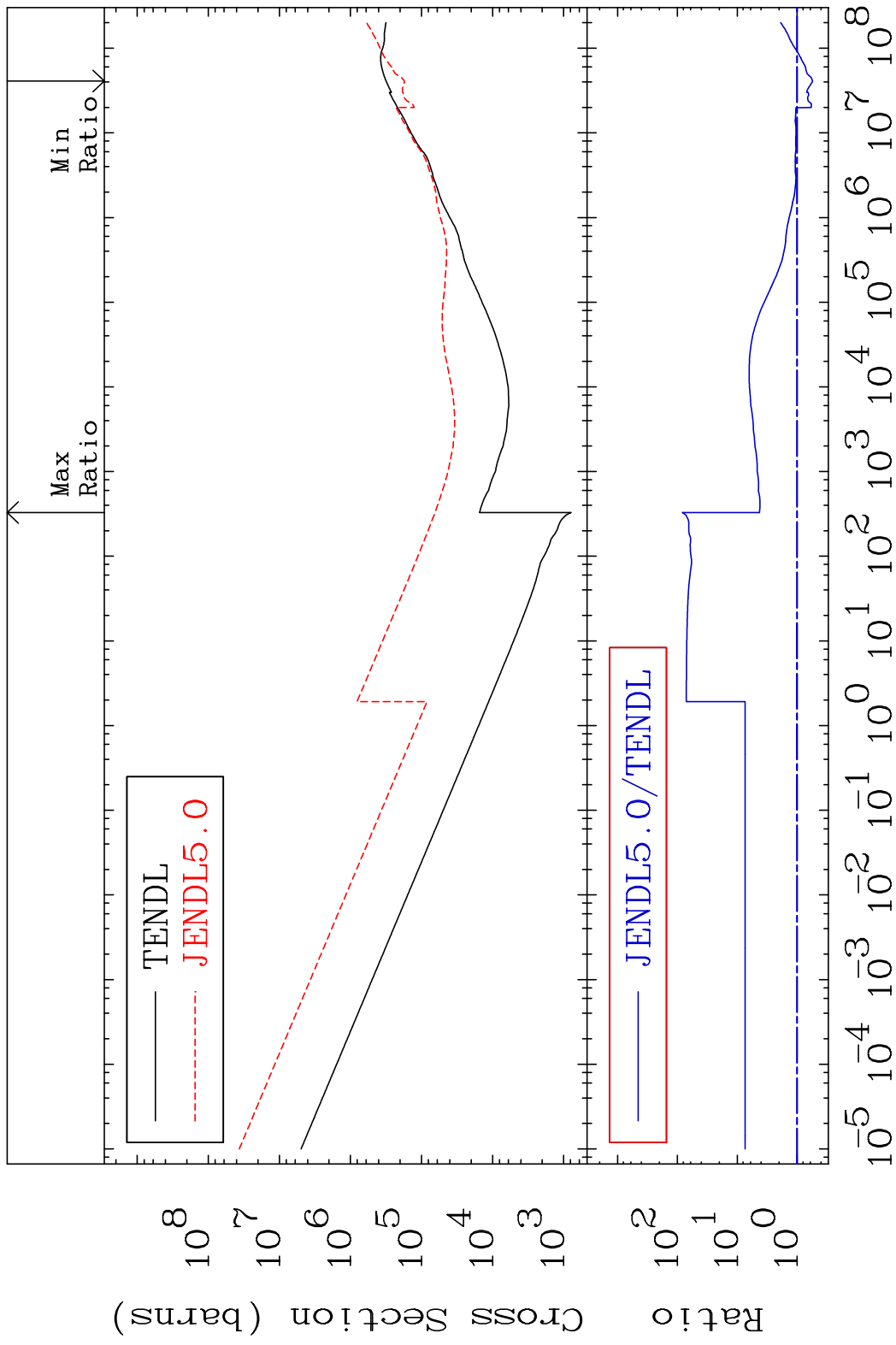


34 Incident Energy (eV) 100-Fm-253

MAT 9934 Total kinematic kerma (high limit)100-Fm-253
 Cross Section -64.23 To 6129. %



MAT 9934 Dpa total (eV-barns) 100-Fm-253
 Cross Section -44.75 To 8163. %

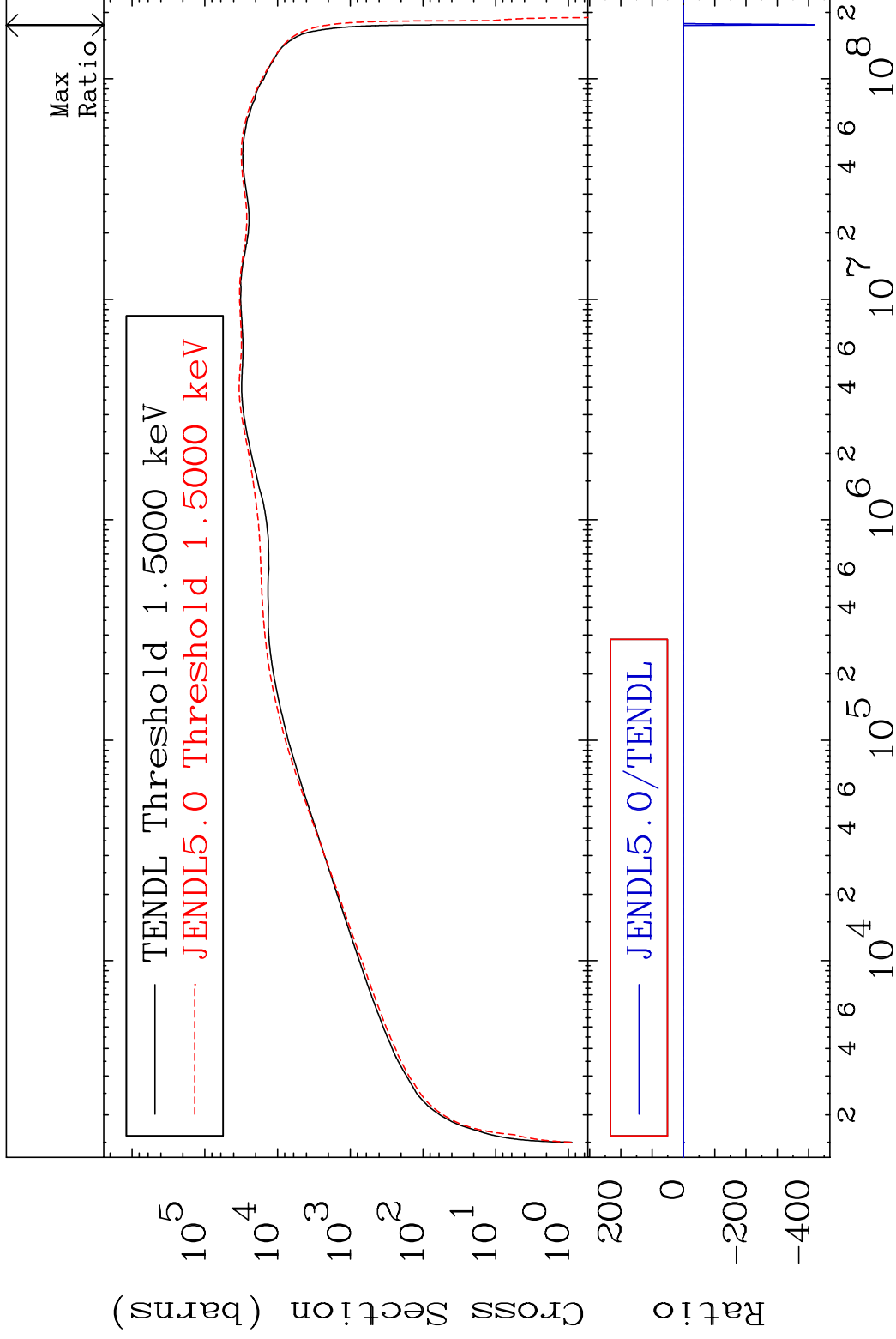


MAT 9934

Dpa elastic (mt2)

100-Fm-253

Cross Section -9999. To 629.3 %

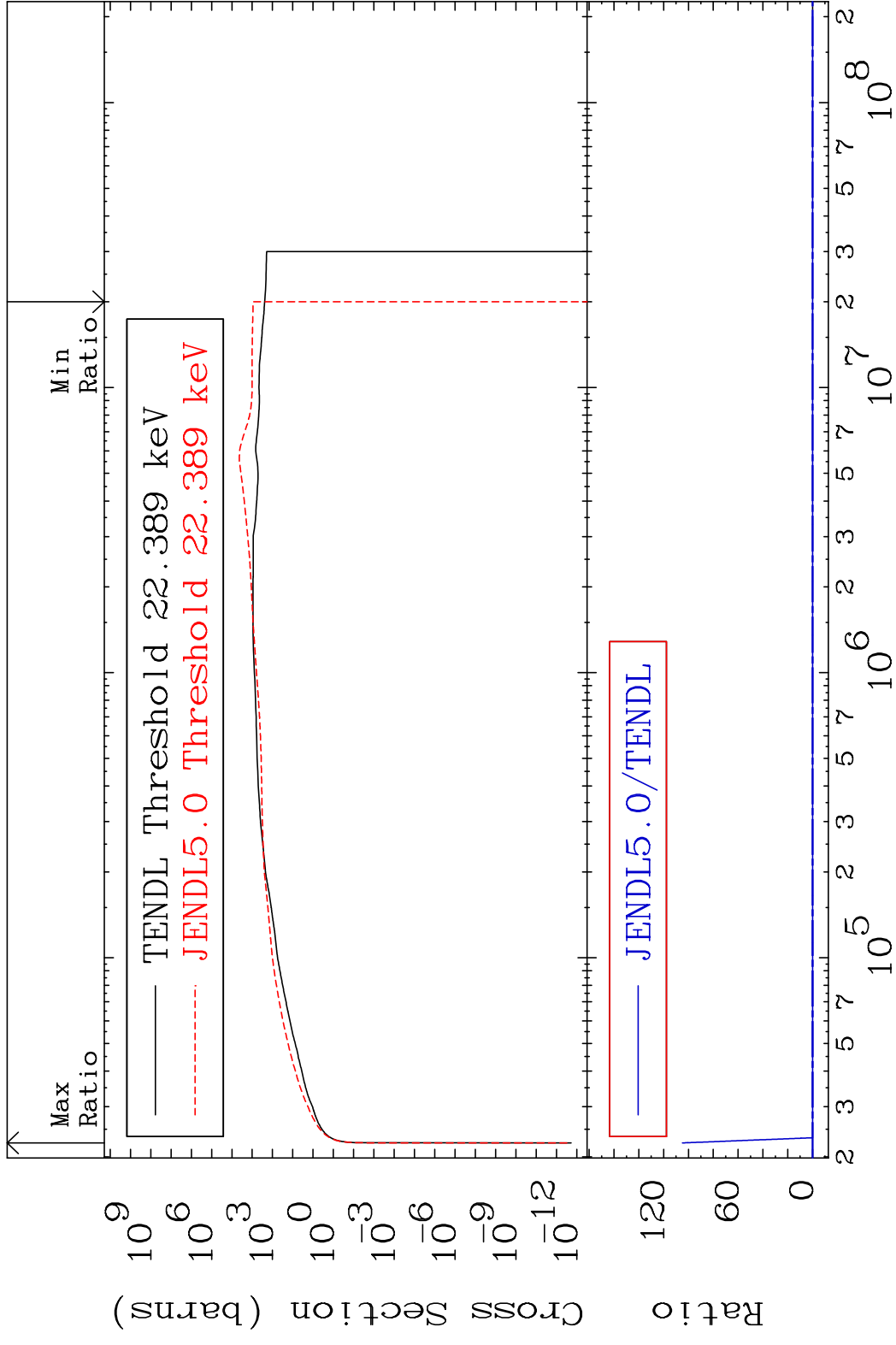


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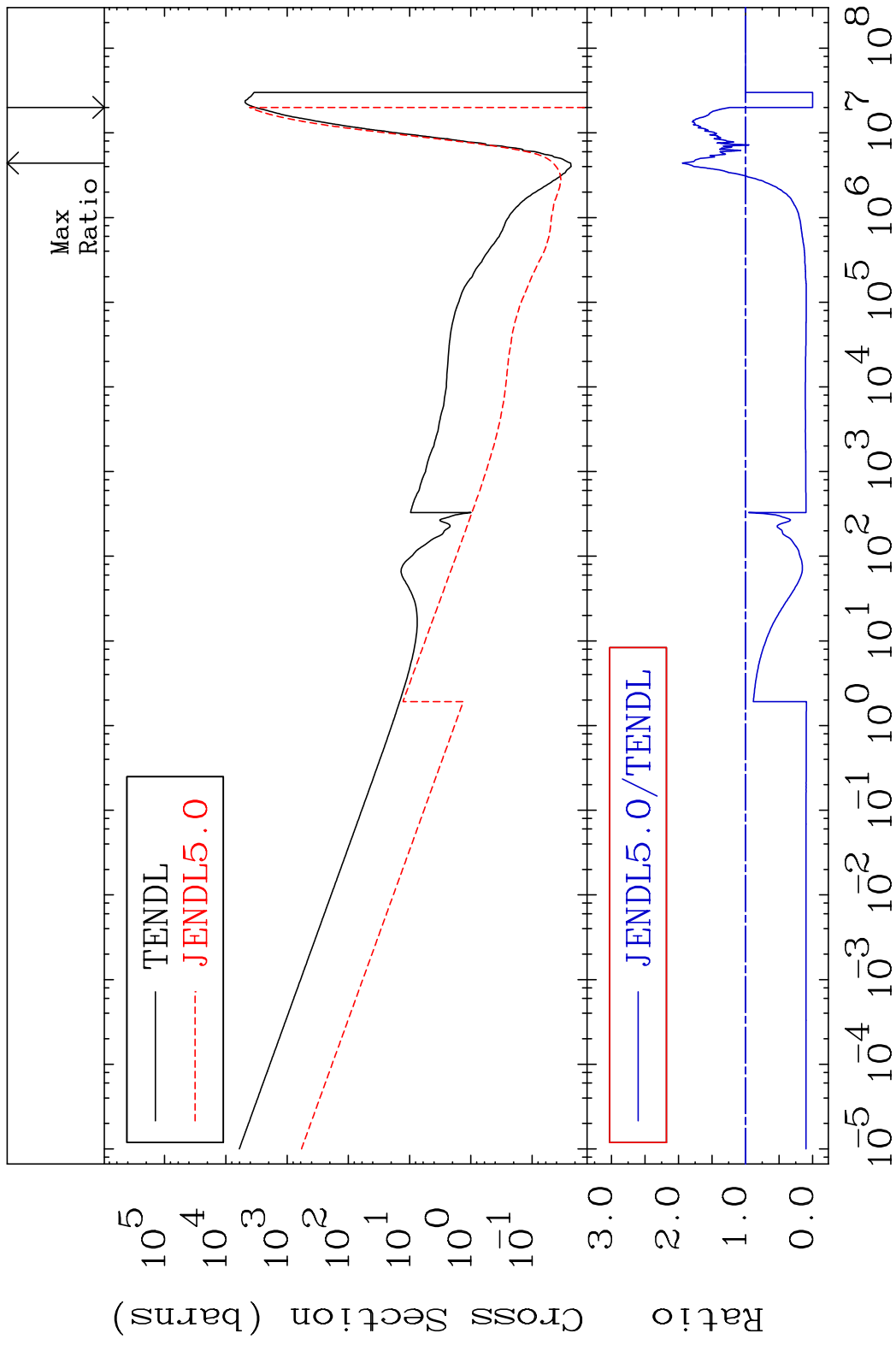
Incident Energy (eV)

100-Fm-253

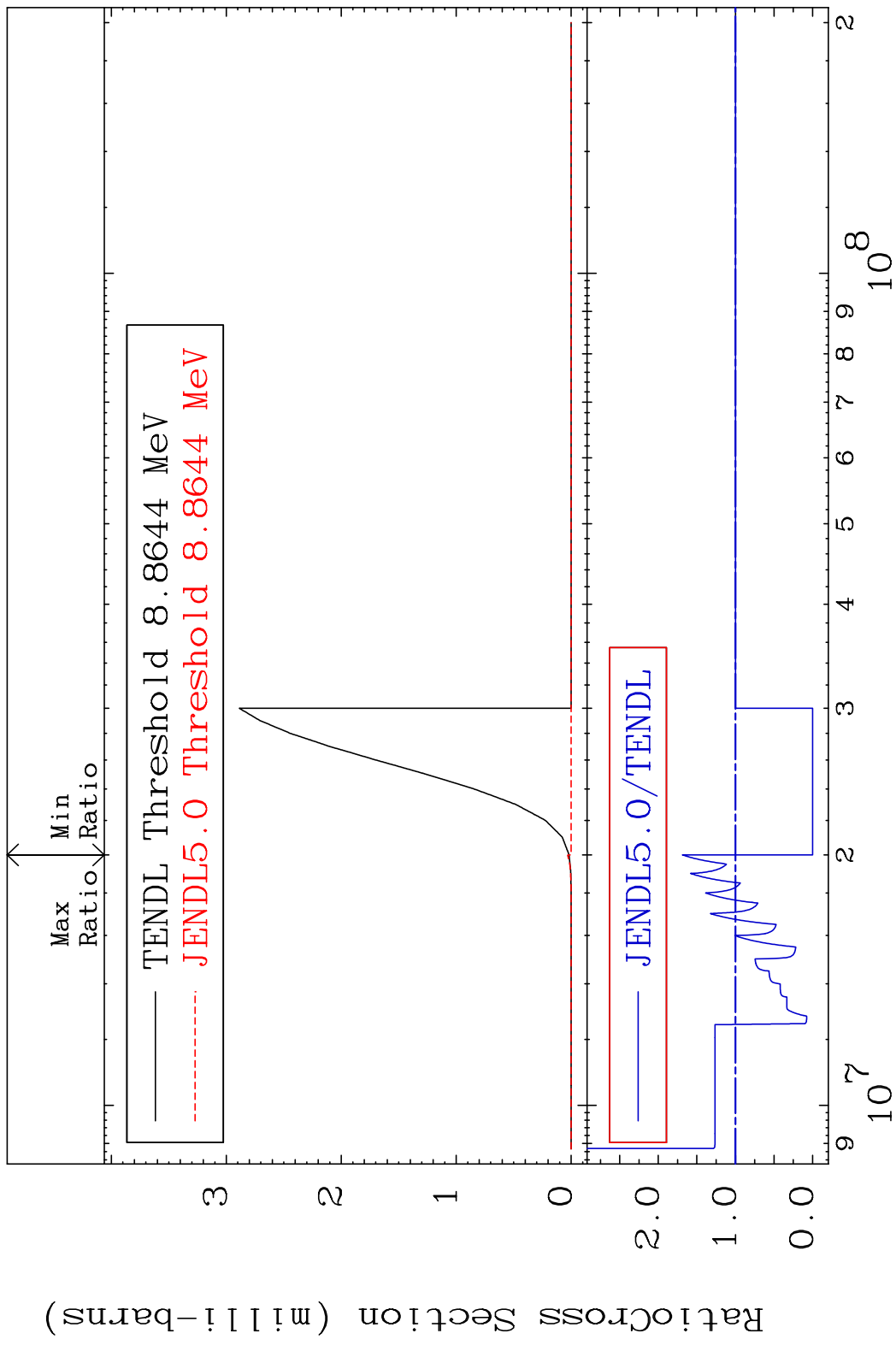
MAT 9934 Dpa inelastic (mt51-91) 100-Fm-253
 Cross Section -100.0 To 9999. %



MAT 9934 Dpa disappearance (mt102 -120) 100-Fm-253
 Cross Section -100.0 To 94.18 %



MAT 9934 (n, n') t:99-Es-250g 100-Fm-253
 Radionuclide Production Cross Section Ratio 68.81 %



40 Incident Energy (eV) 100-Fm-253

MAT 9934 (n, n') t:99-Es-250m1 100-Fm-253
 Radionuclide Production Cross Section 1311. %

