

Program Complot
(Version 2021-1)

by

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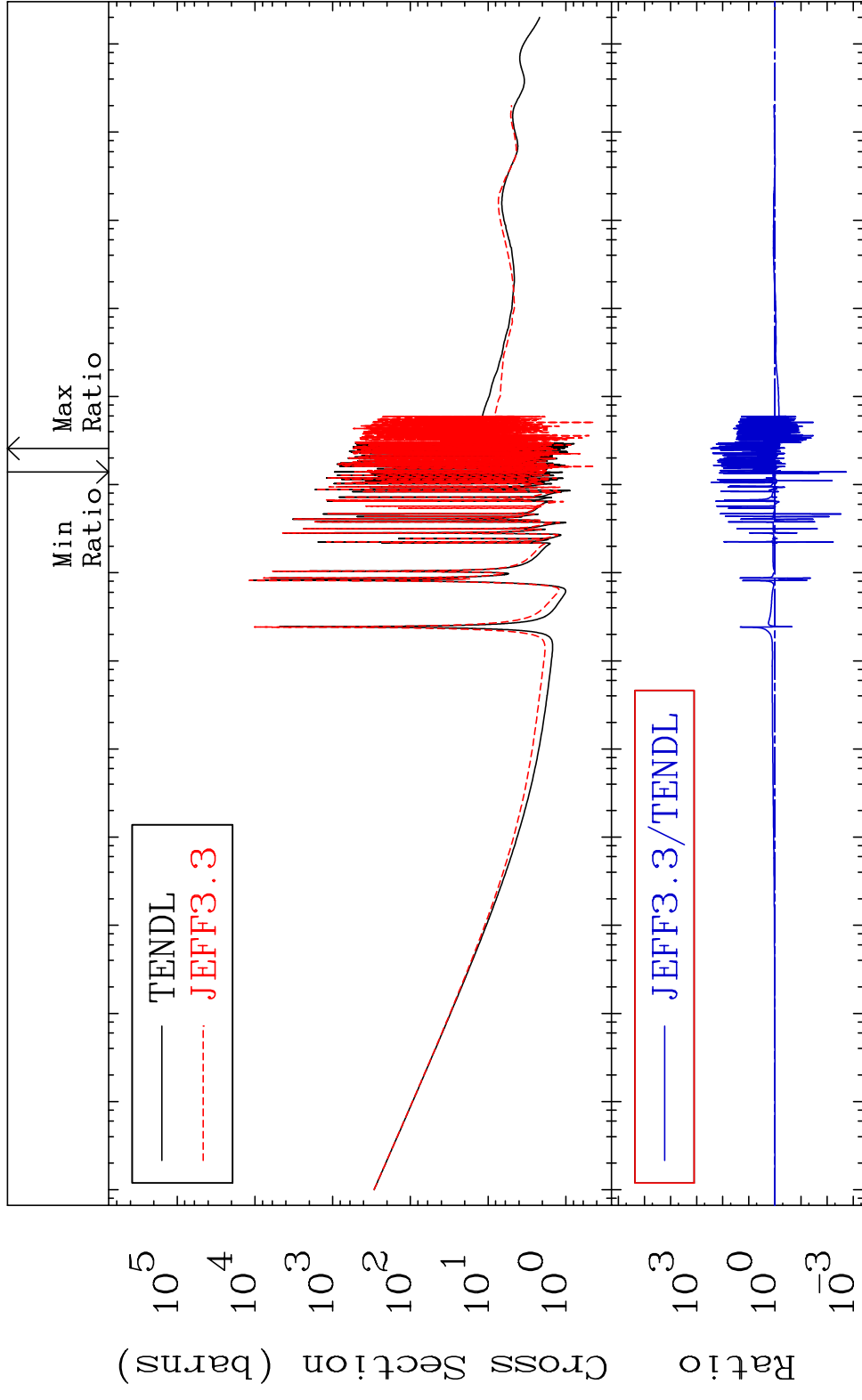
Press Mouse Button to Start

MAT 5640

56-Ba-135

Total

Cross Section -99.82 To 9999. %



1

Incident Energy (eV)

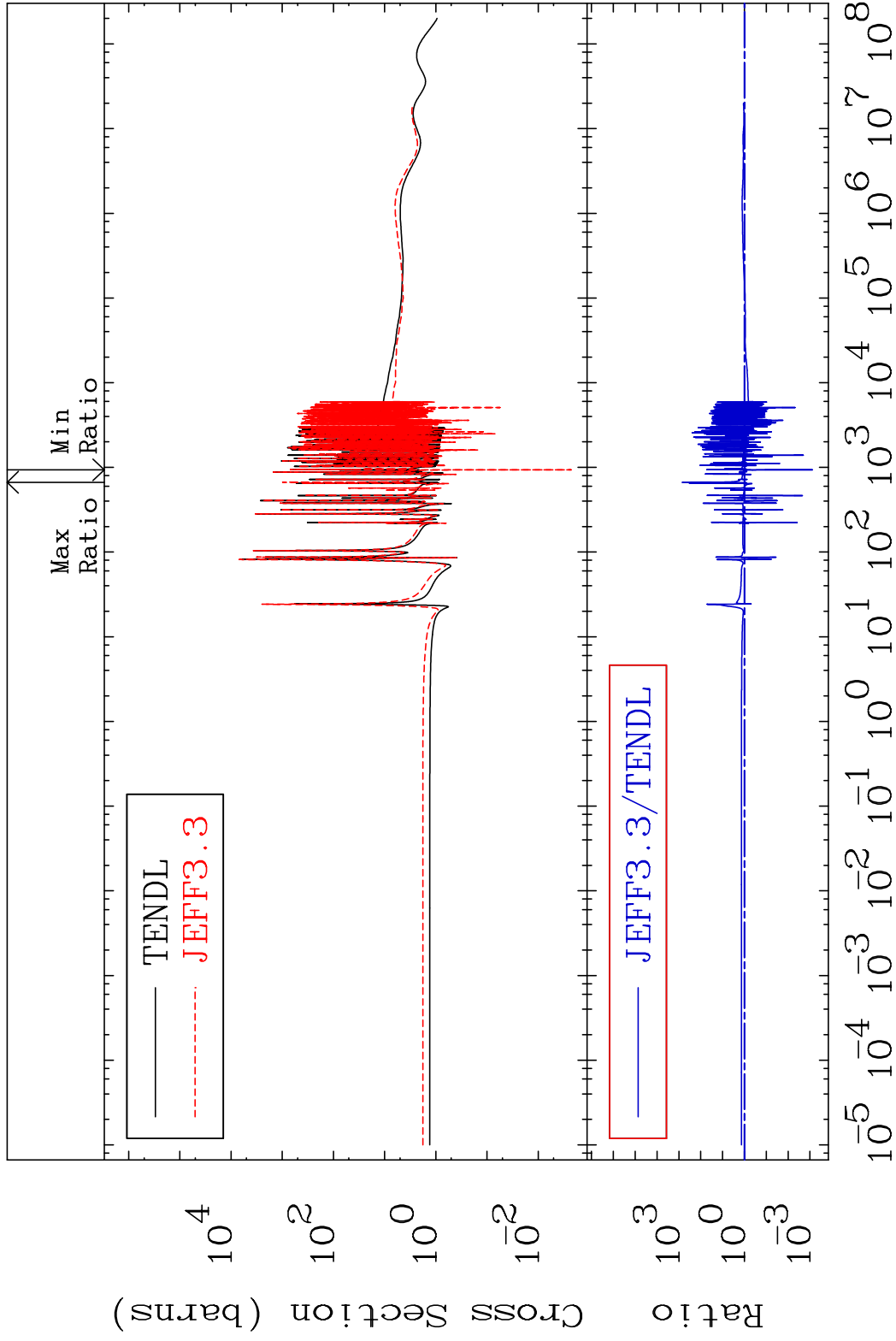
56-Ba-135

MAT 5640

Elastic

56-Ba-135

Cross Section -99.92 To 9999. %

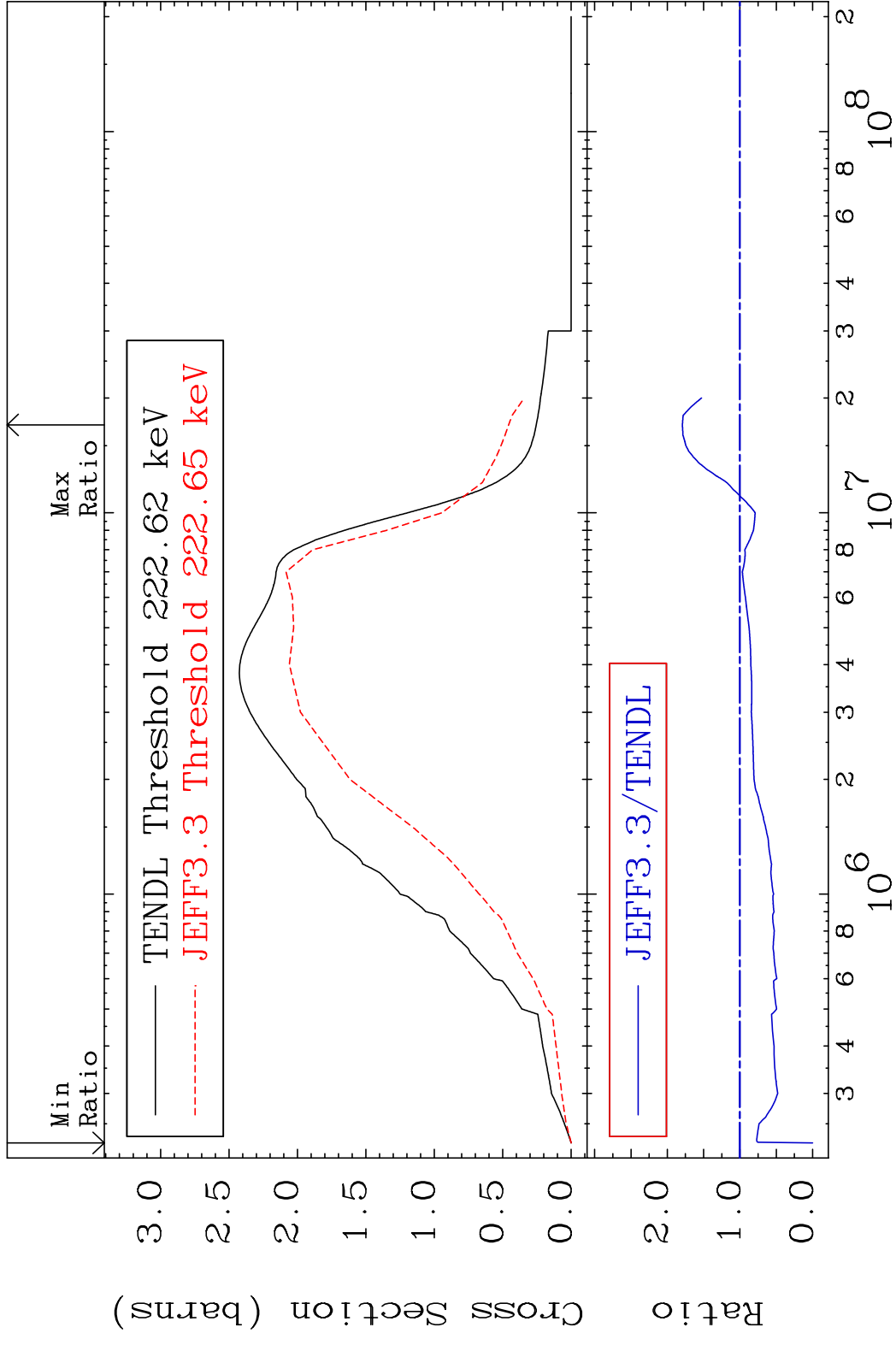


2

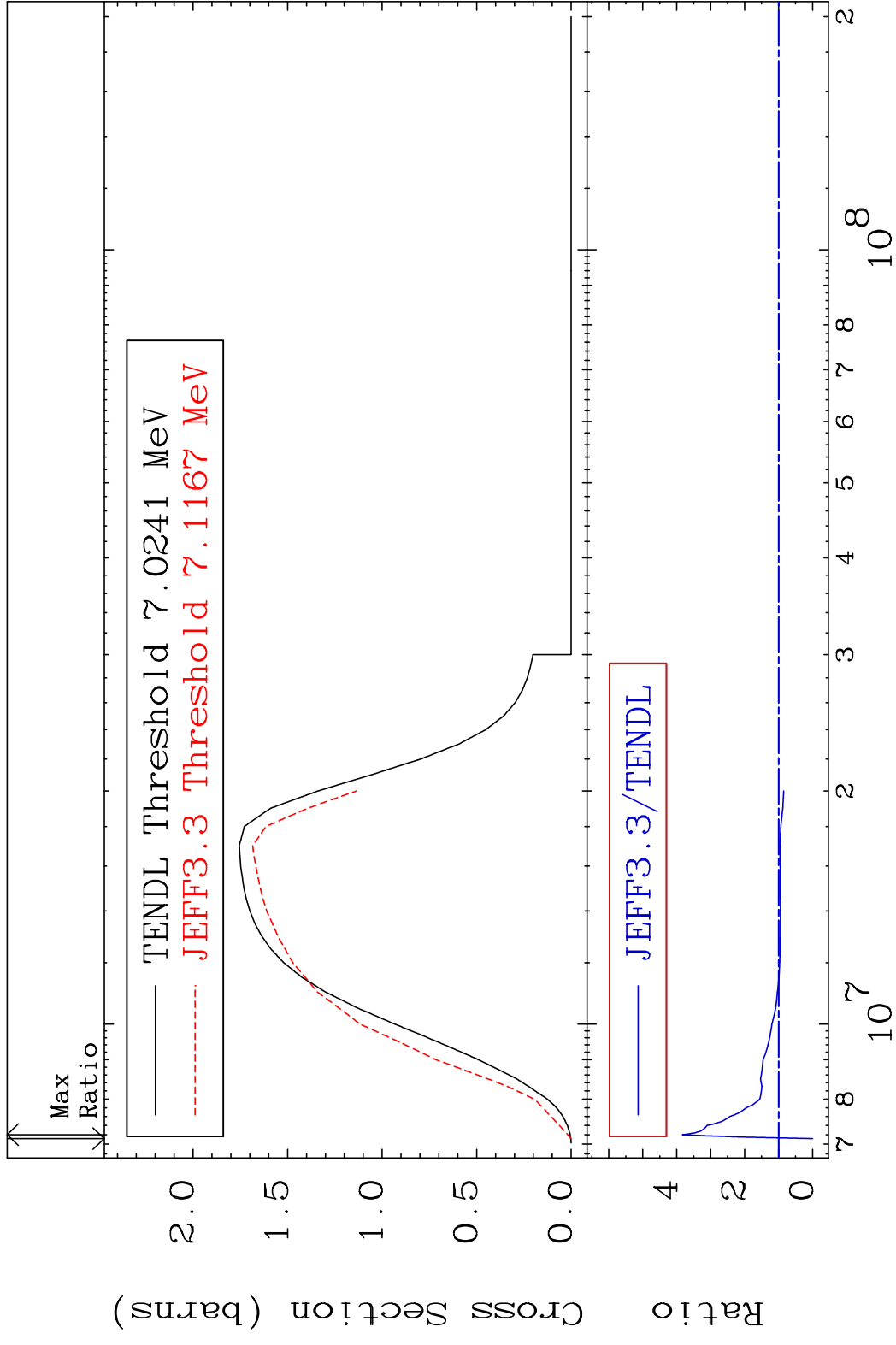
Incident Energy (eV)

56-Ba-135

MAT 5640 Inelastic Cross Section -100.0 To 79.27 % 56-Ba-135



MAT 5640 (n,2n) 56-Ba-135
 Cross Section -100.0 To 283.3 %



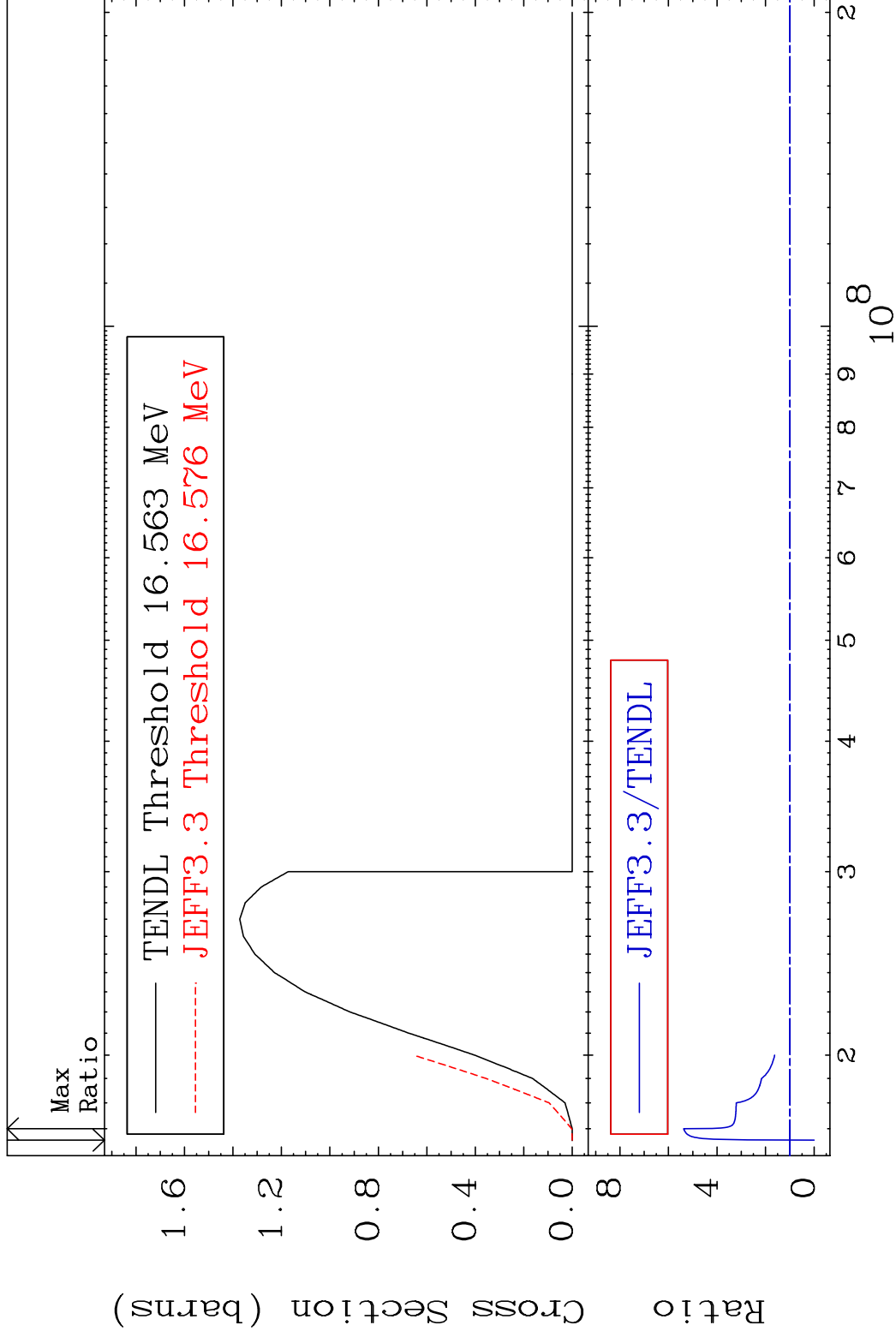
4 Incident Energy (eV) 56-Ba-135

MAT 5640

(n,3n)

56-Ba-135

Cross Section -100.0 To 437.3 %

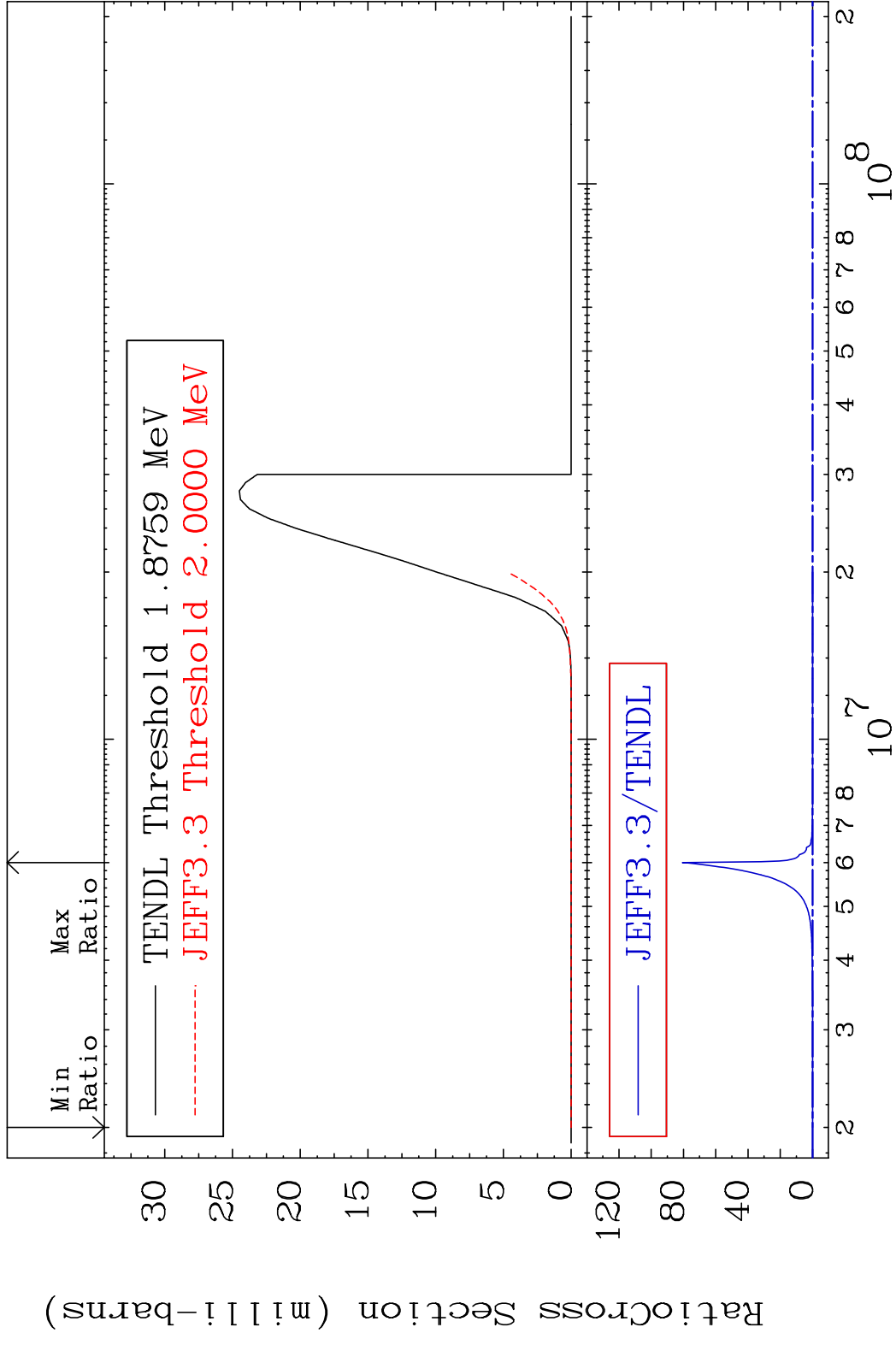


5

Incident Energy (eV)

56-Ba-135

MAT 5640 (n, n') α 56-Ba-135
 Cross Section -100.0 To 9999. %

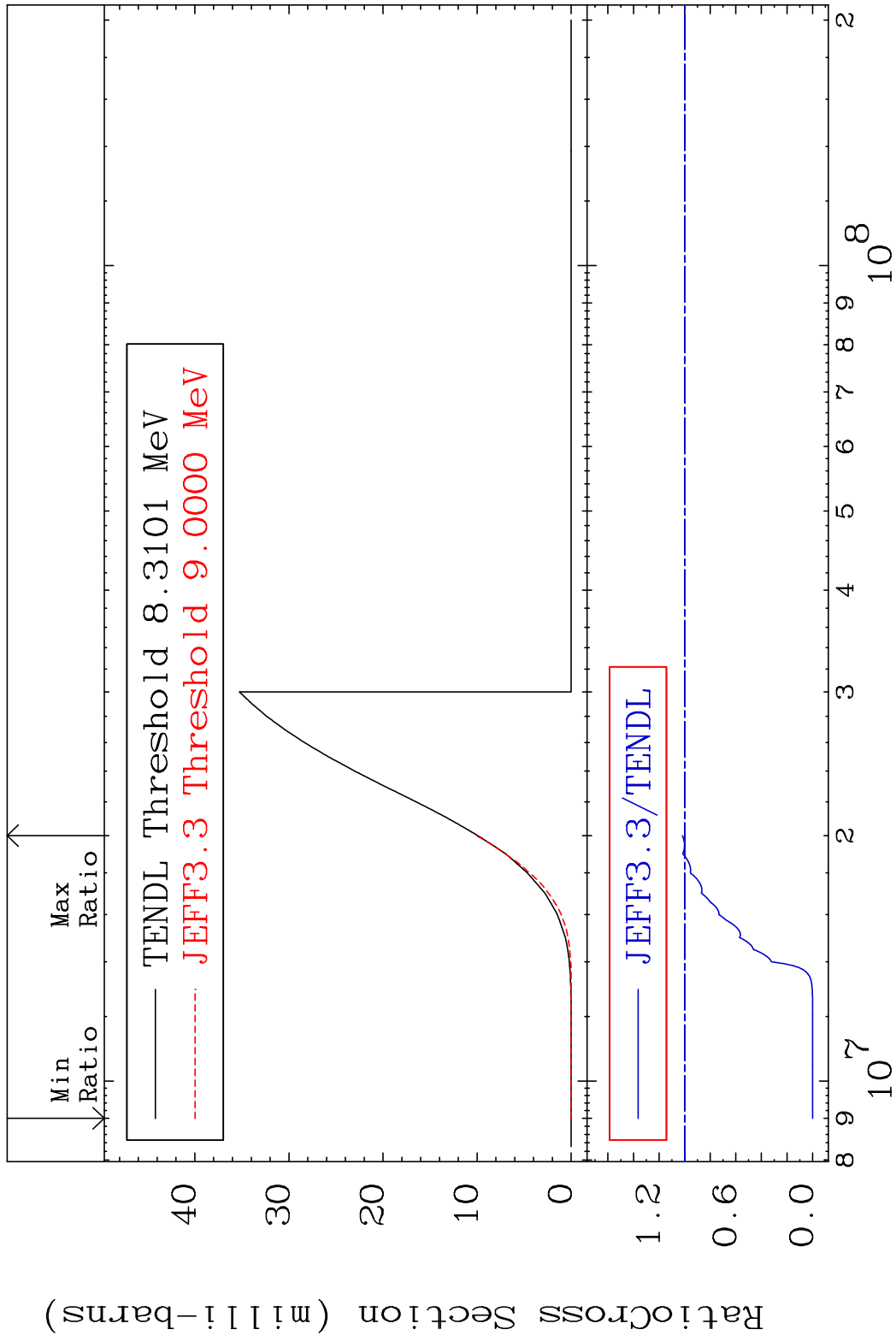


MAT 5640

(n, n') p

56-Ba-135

Cross Section -100.0 To 1.799 %



7

Incident Energy (eV)

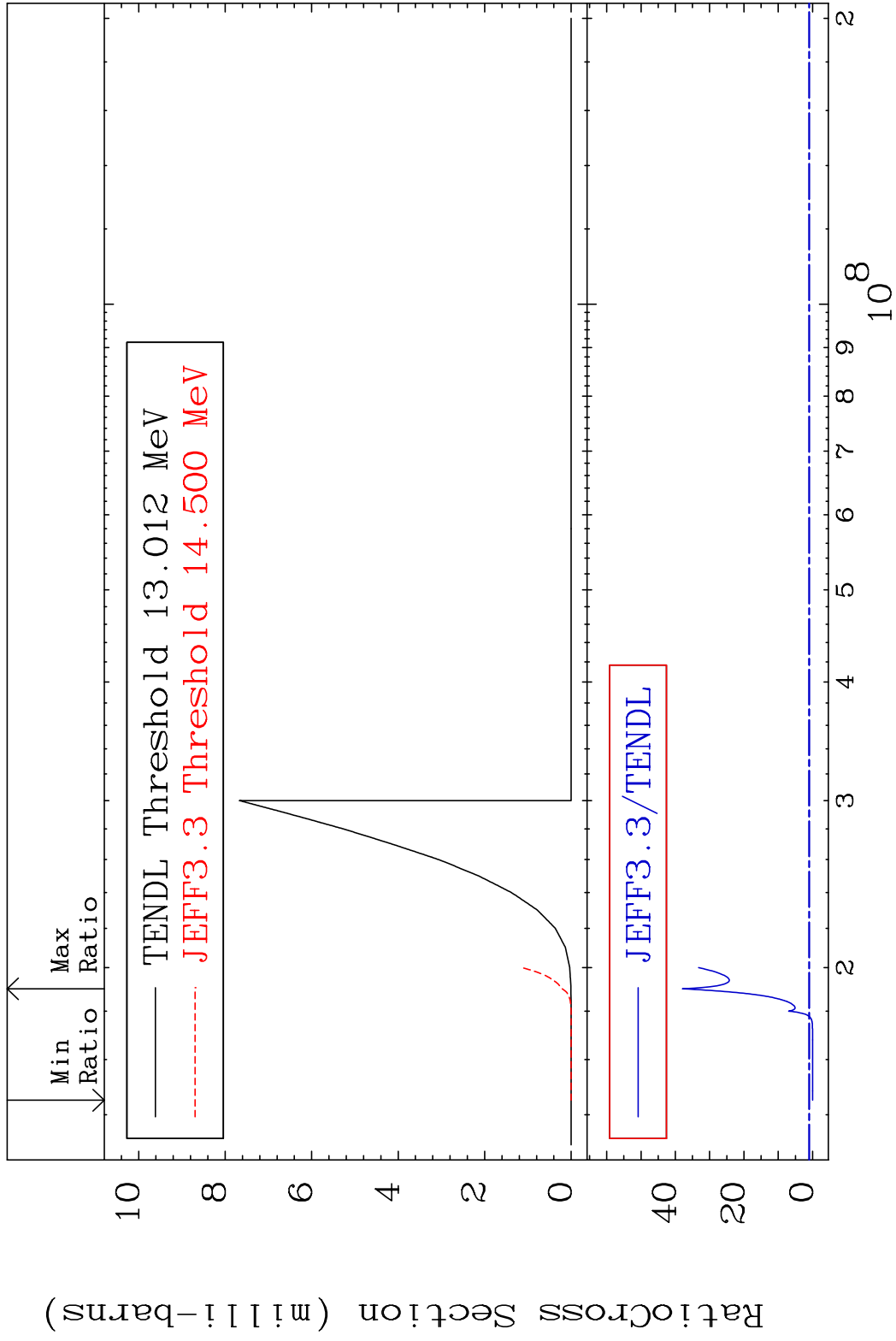
56-Ba-135

MAT 5640

(n, n') d

56-Ba-135

Cross Section -100.0 To 3695. %

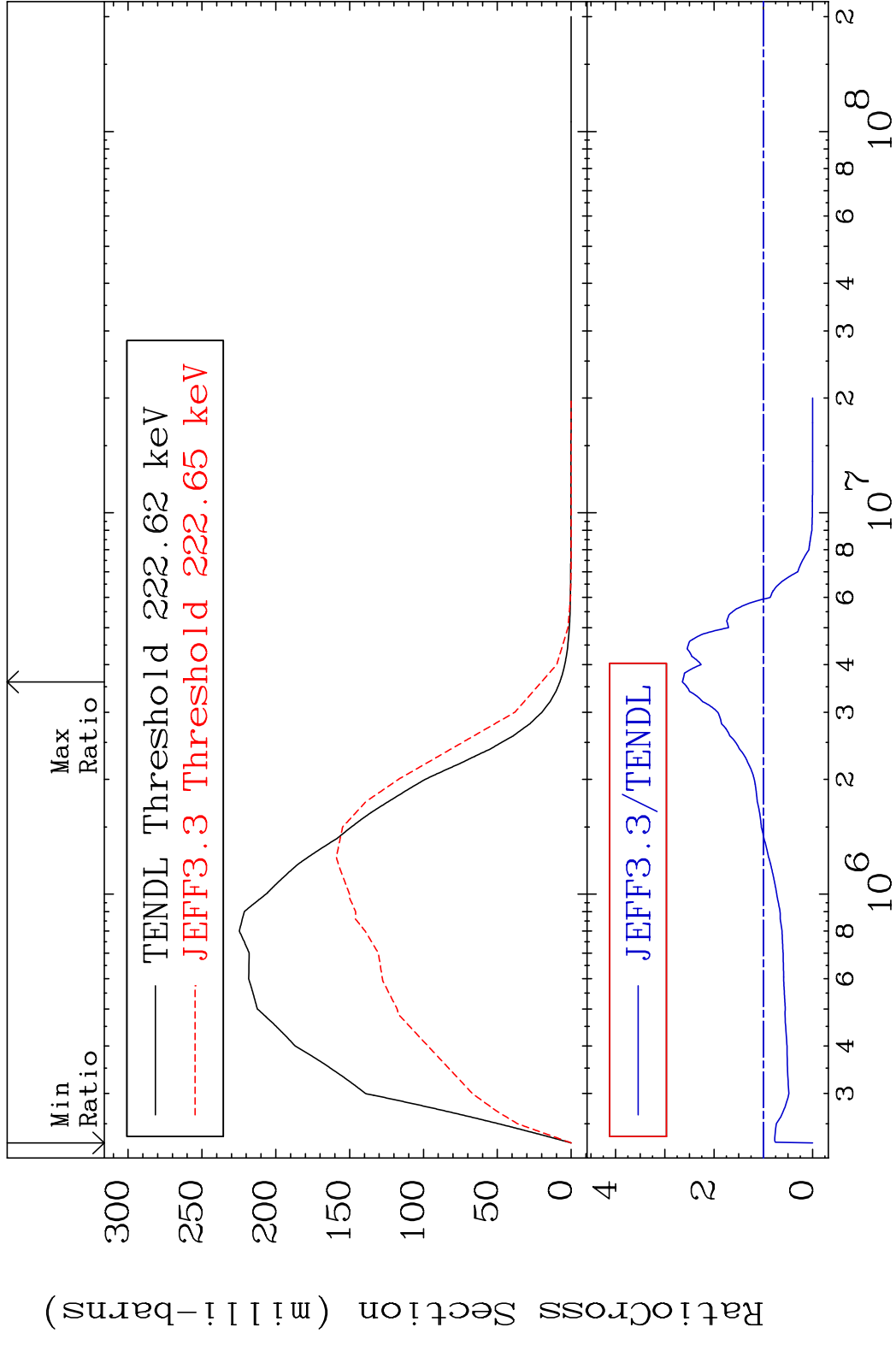


8

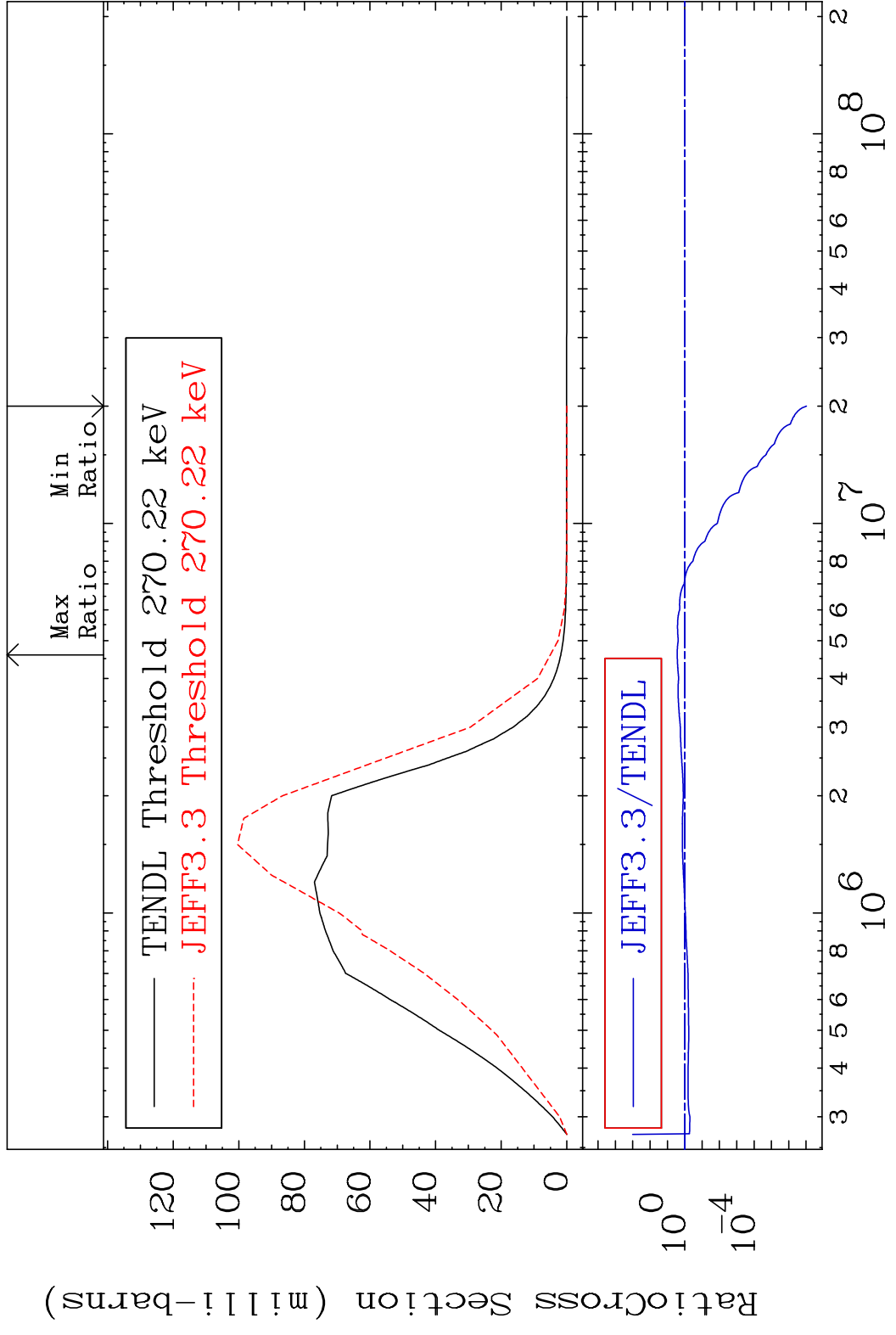
Incident Energy (eV)

56-Ba-135

MAT 5640 MT= 51 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 164.4 %

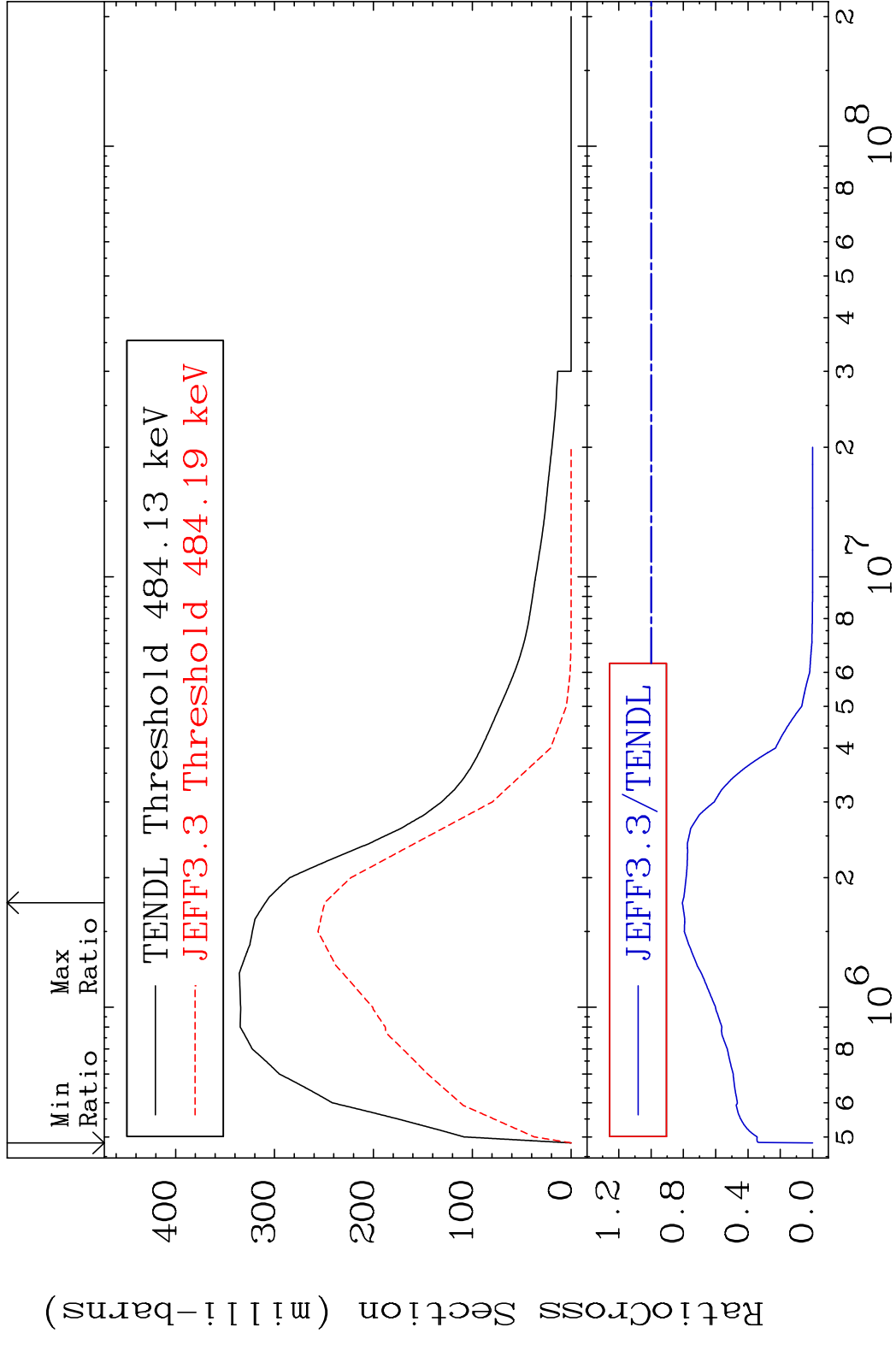


MAT 5640 MT= 52 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 172.7 %

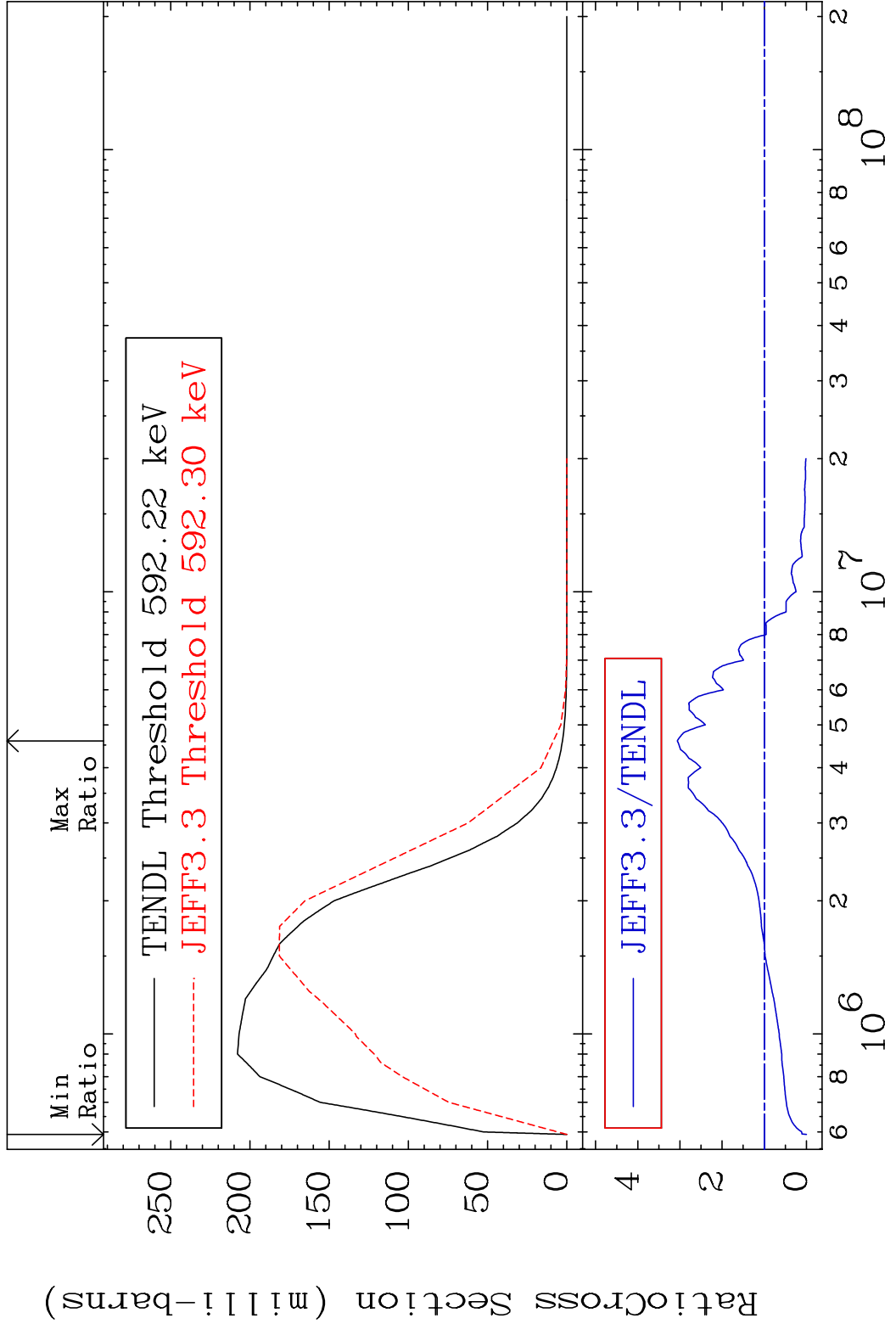


10 Incident Energy (eV) 56-Ba-135

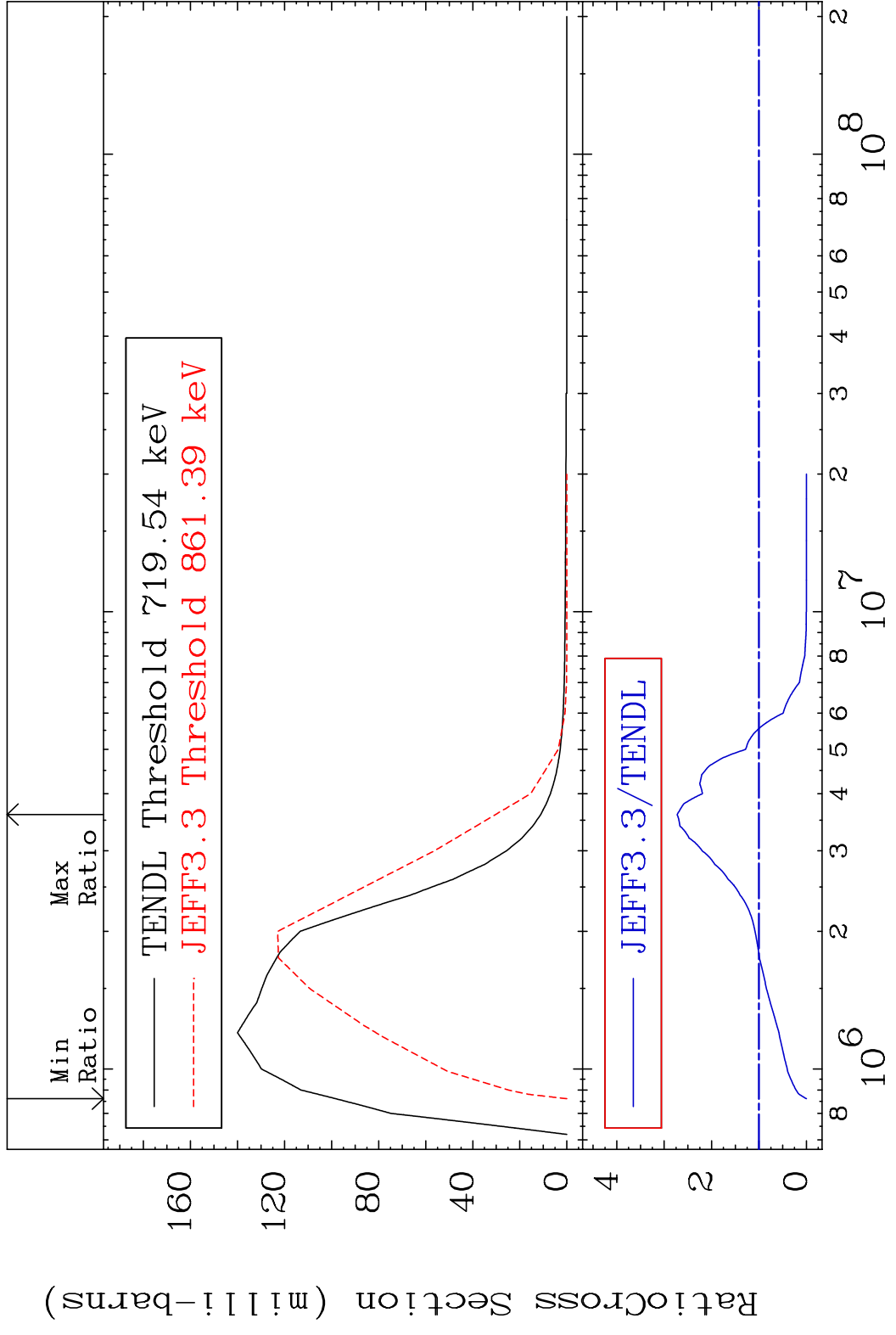
MAT 5640 MT= 53 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -19.37%



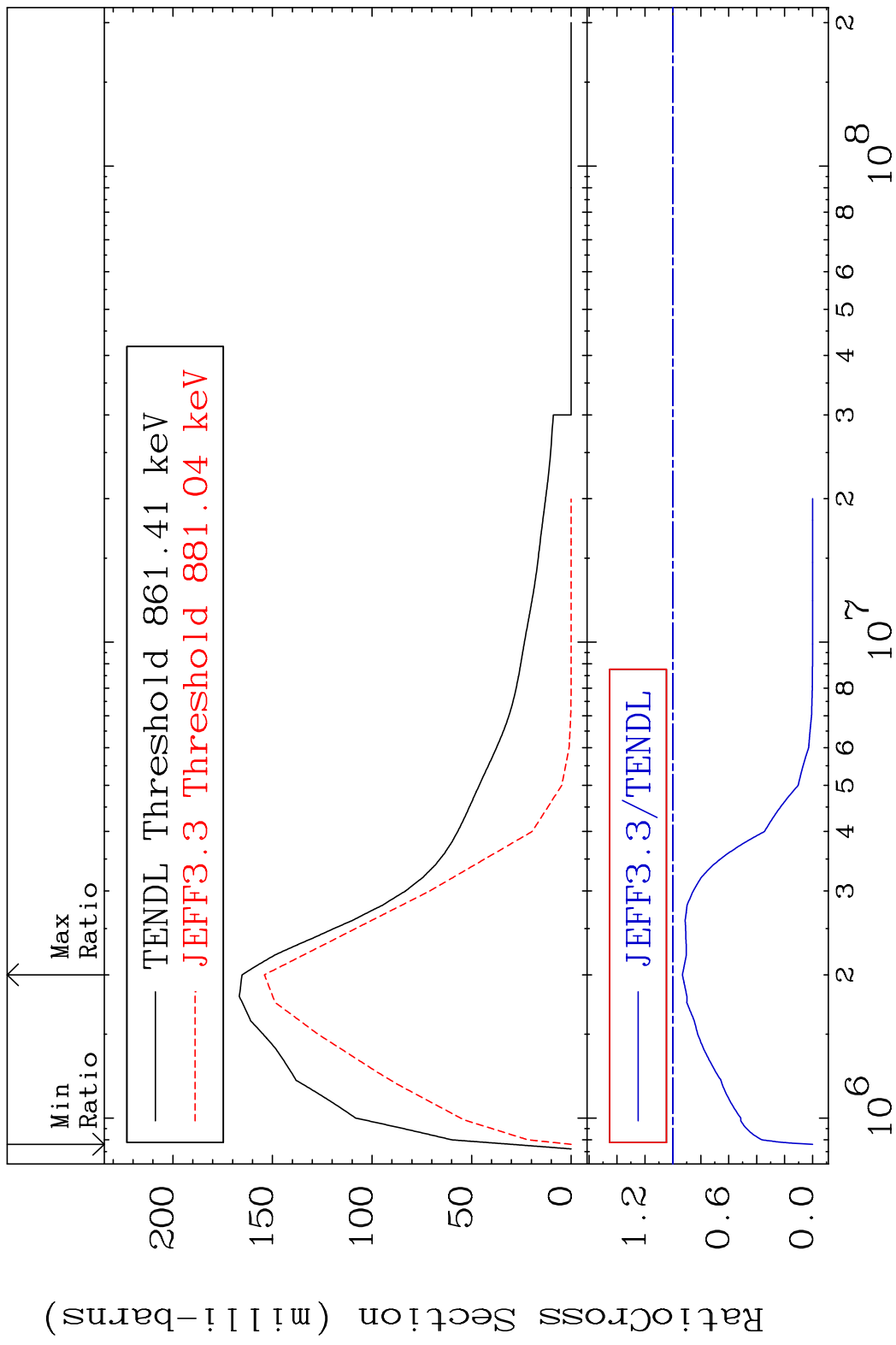
MAT 5640 MT= 54 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 206.5 %



MAT 5640 MT= 55 (n,n') Level 56-Ba-135
 Cross Section -100.0 To 172.6 %

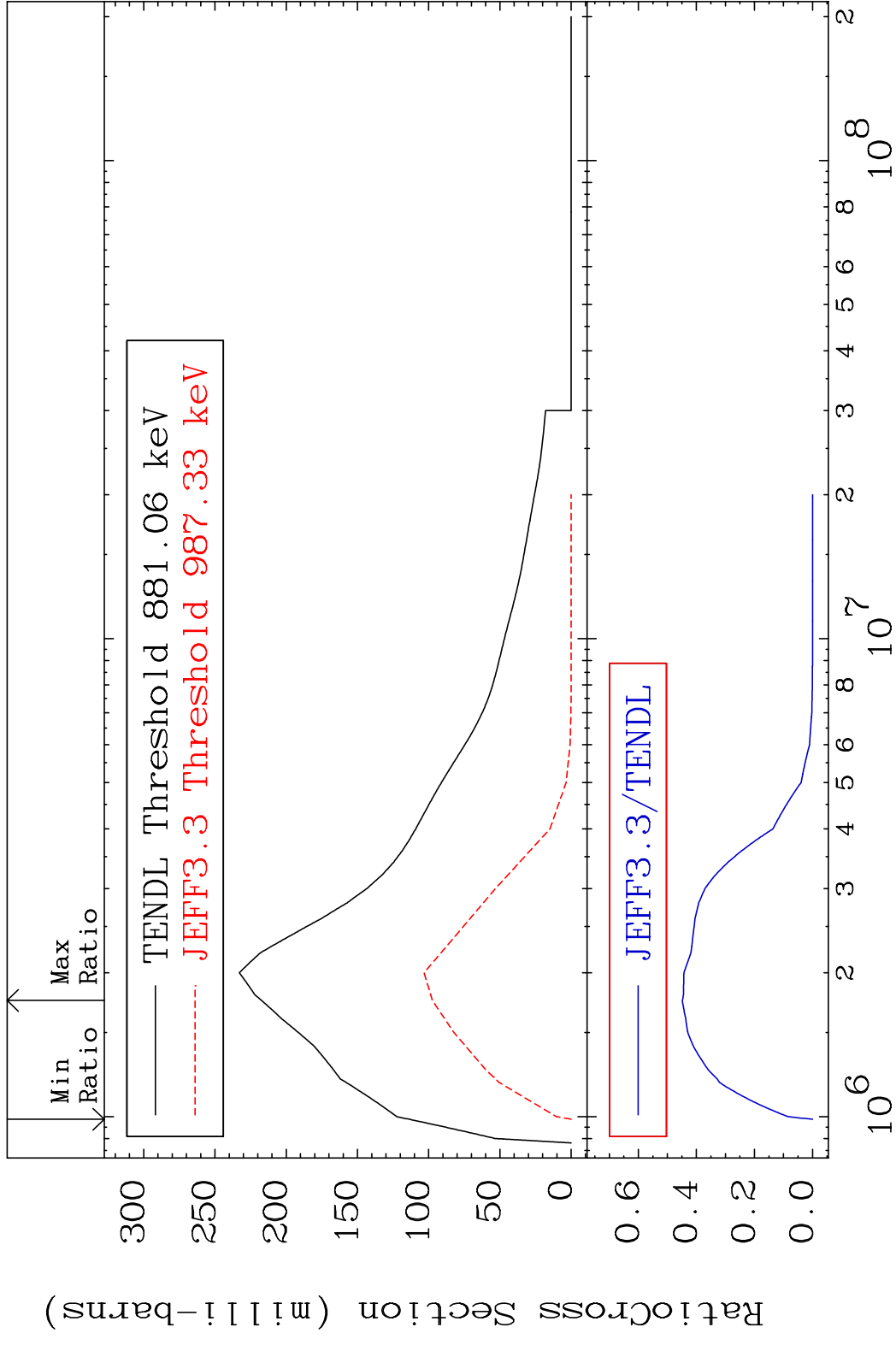


MAT 5640 MT= 56 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -6.797%

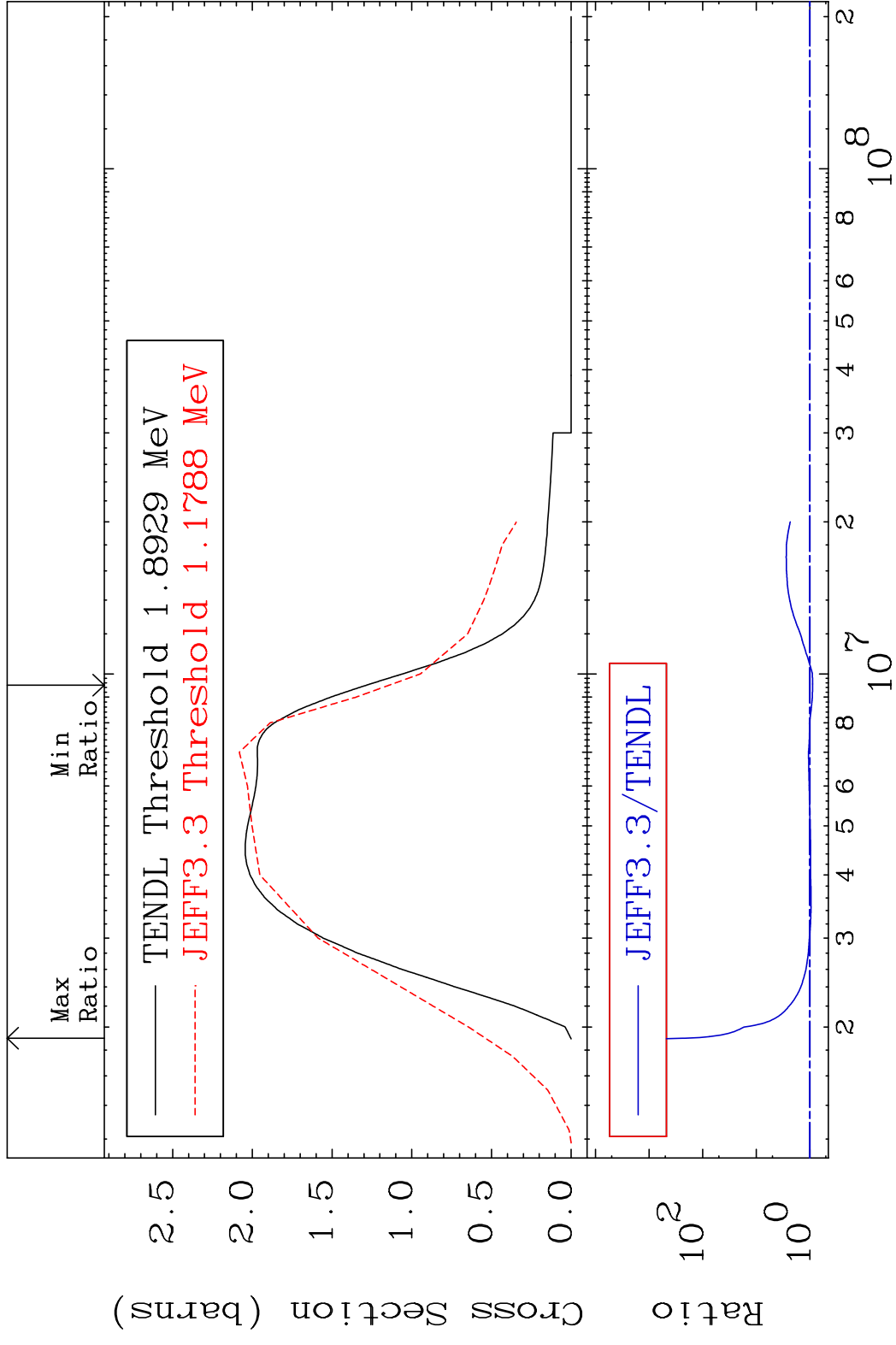


14 Incident Energy (eV) 56-Ba-135

MAT 5640 MT= 57 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -55.16%



MAT 5640 (n,n') Continuum 56-Ba-135
 Cross Section -11.11 To 9999. %

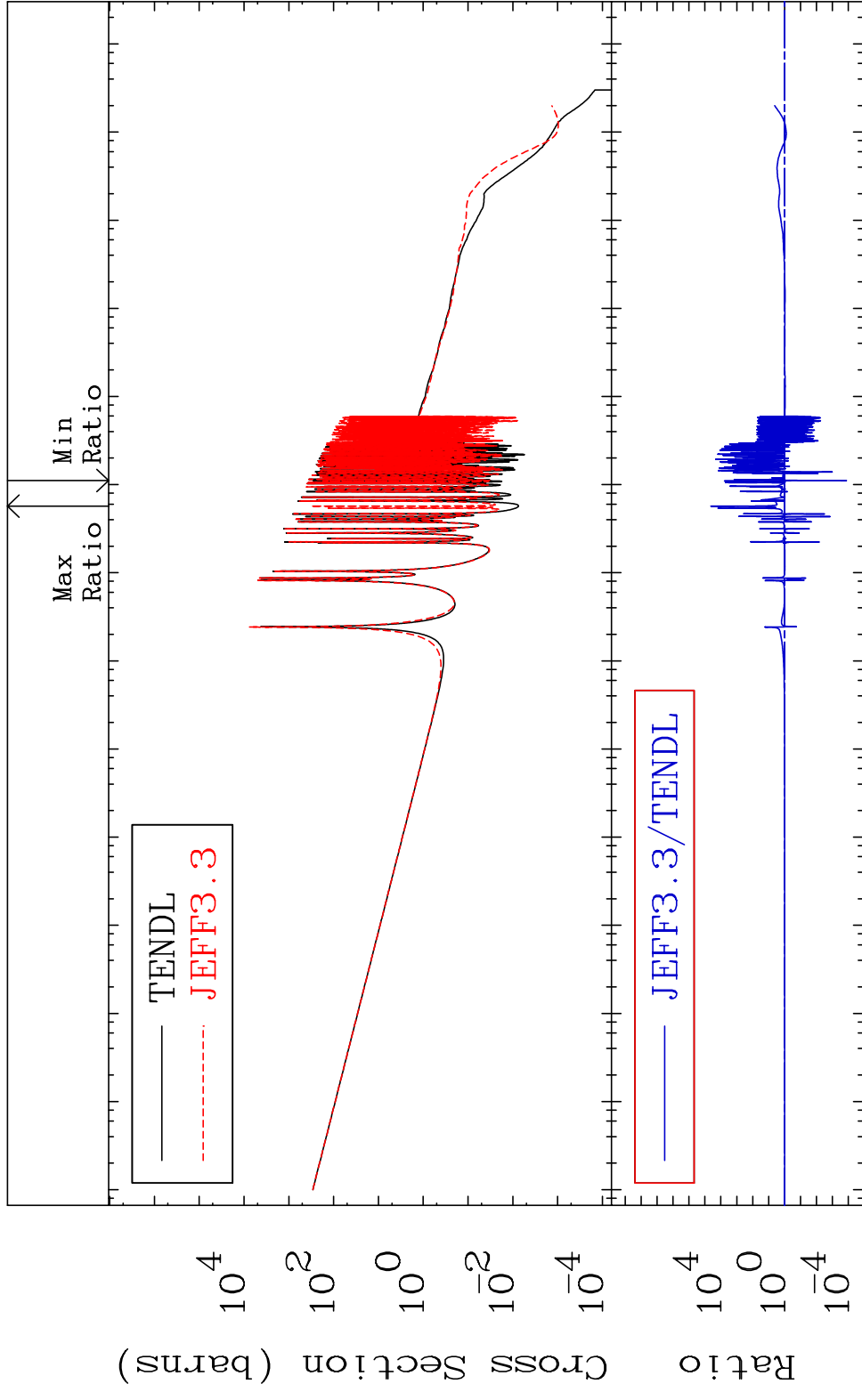


MAT 5640

56-Ba-135

(n, γ)

Cross Section -99.99 To 9999. %



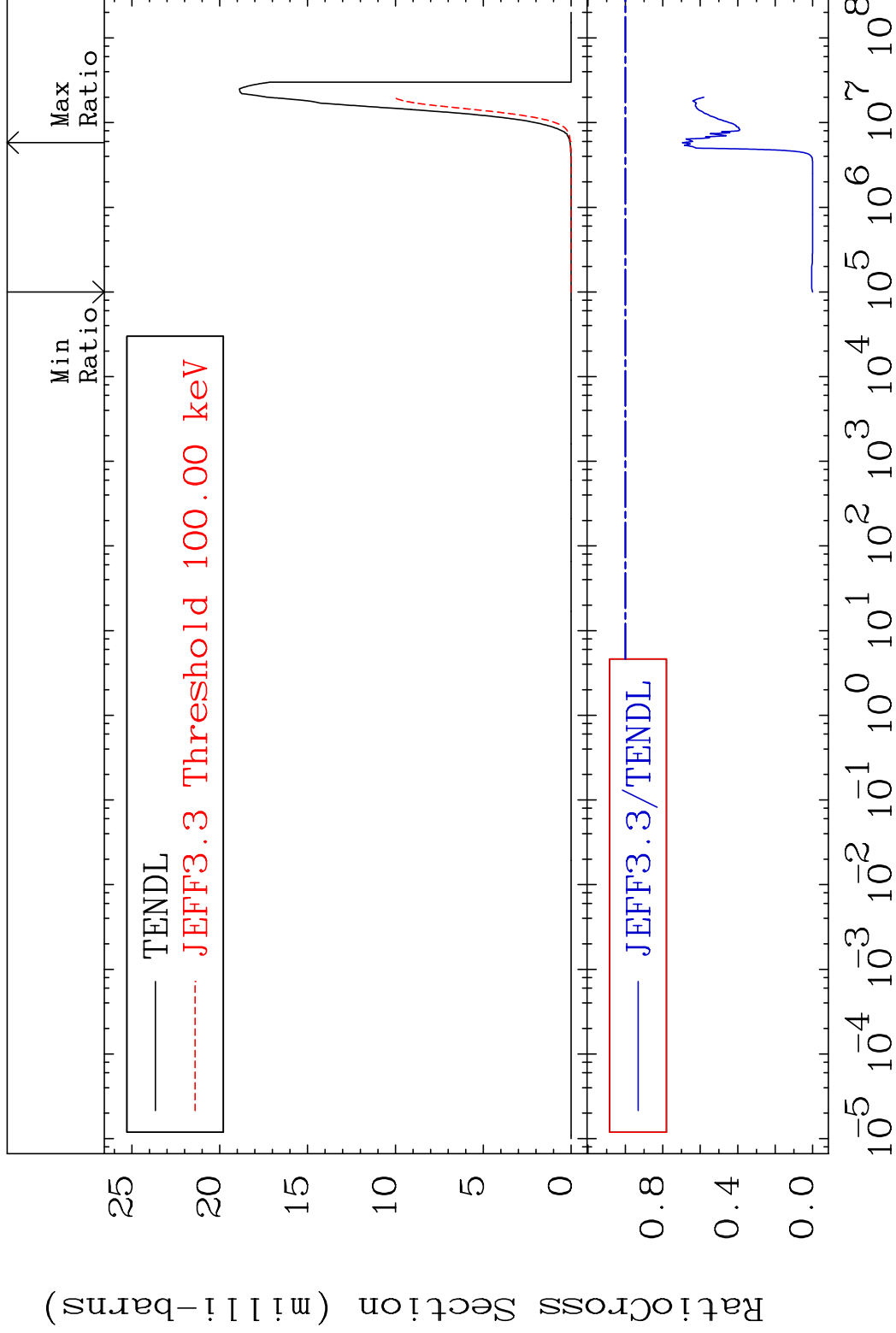
MAT 5640

(n, p)

56-Ba-135

Cross Section

-100.0 To -30.42%



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Incident Energy (eV)

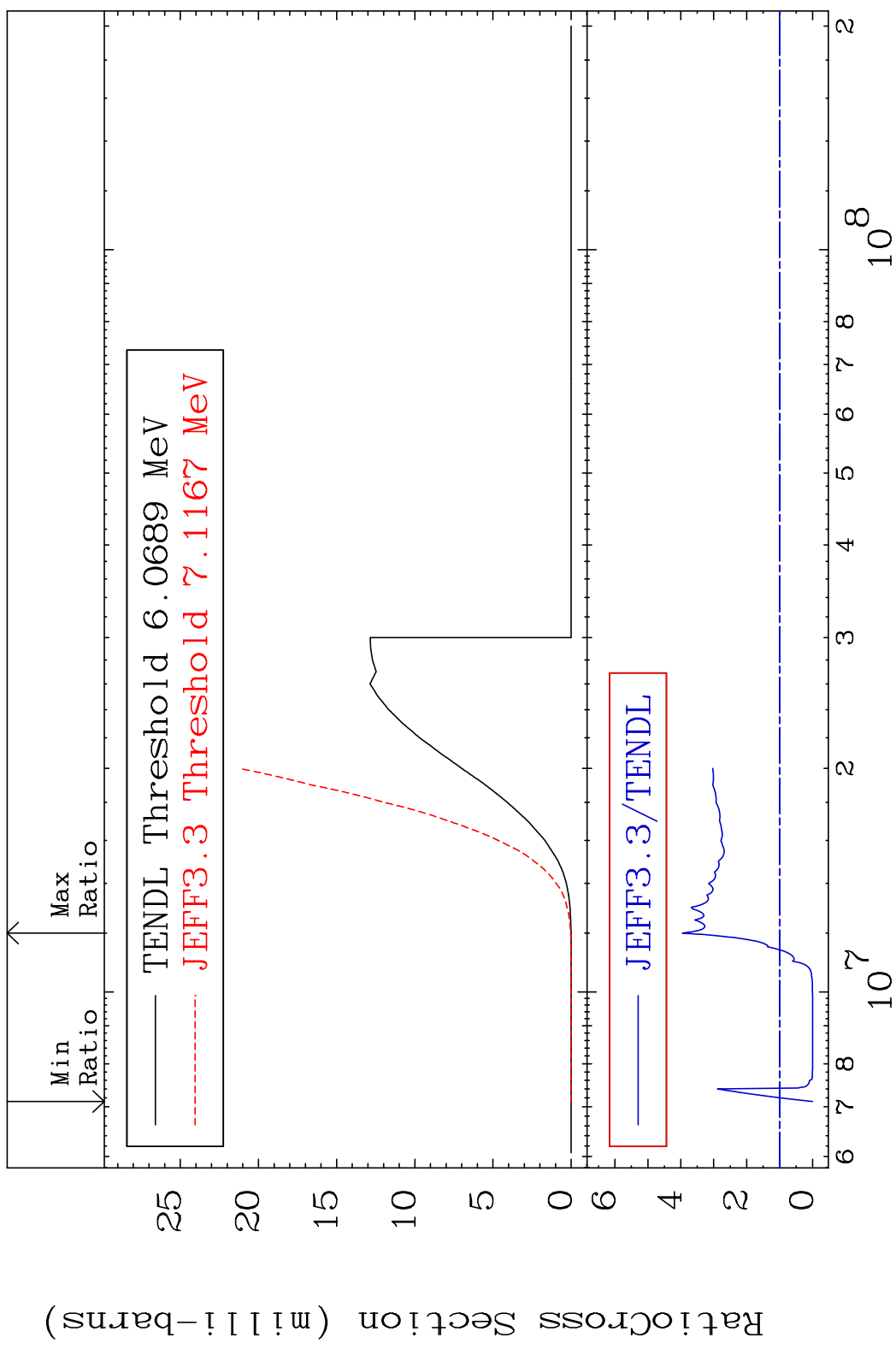
56-Ba-135

MAT 5640

(n, d)

56-Ba-135

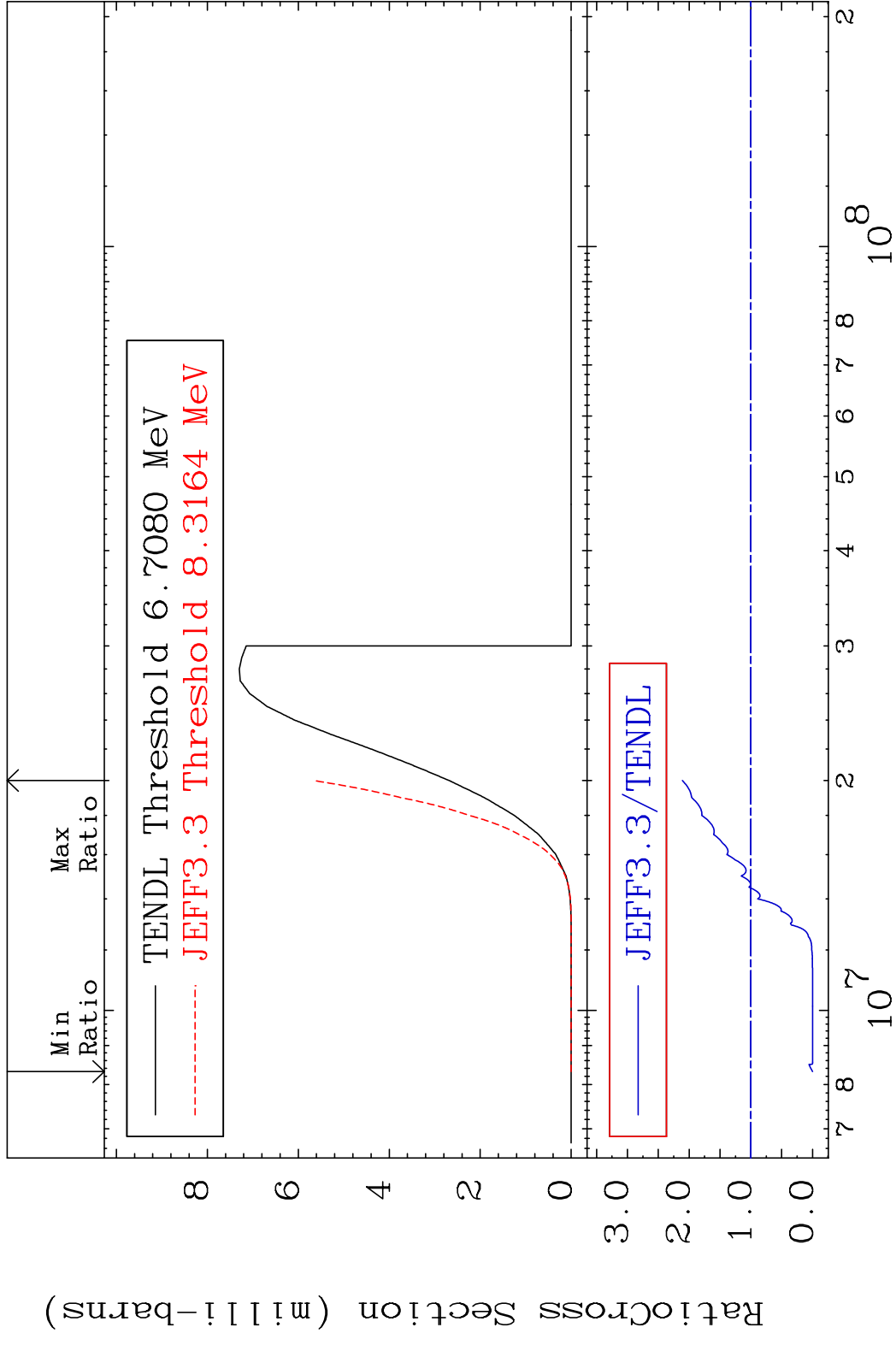
Cross Section -100.0 To 295.2 %



MAT 5640

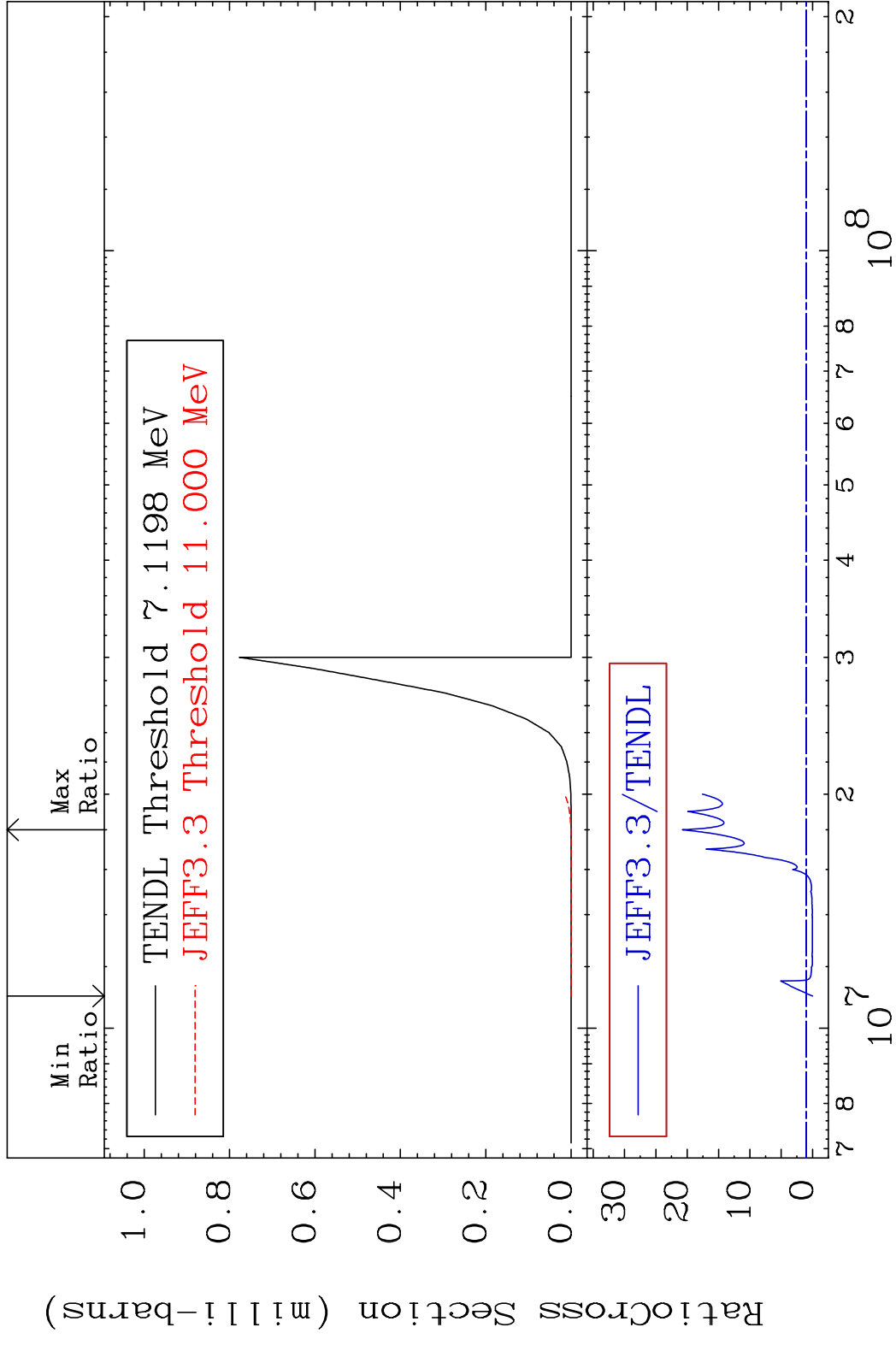
(n, t) 56-Ba-135

Cross Section -100.0 To 111.0 %

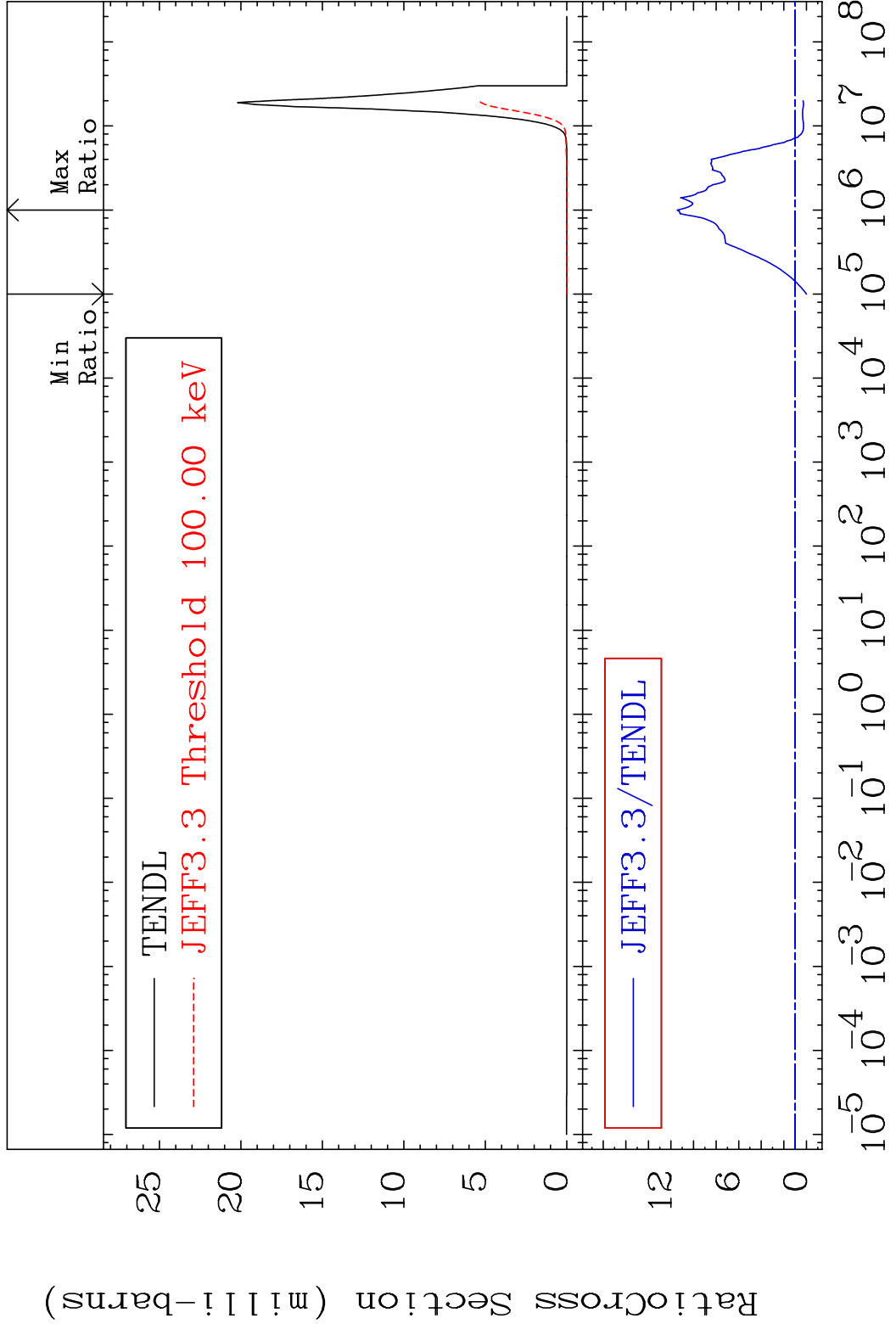


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Incident Energy (eV) 56-Ba-135



MAT 5640 (n, α) 56-Ba-135
 Cross Section -100.0 To 1045. %

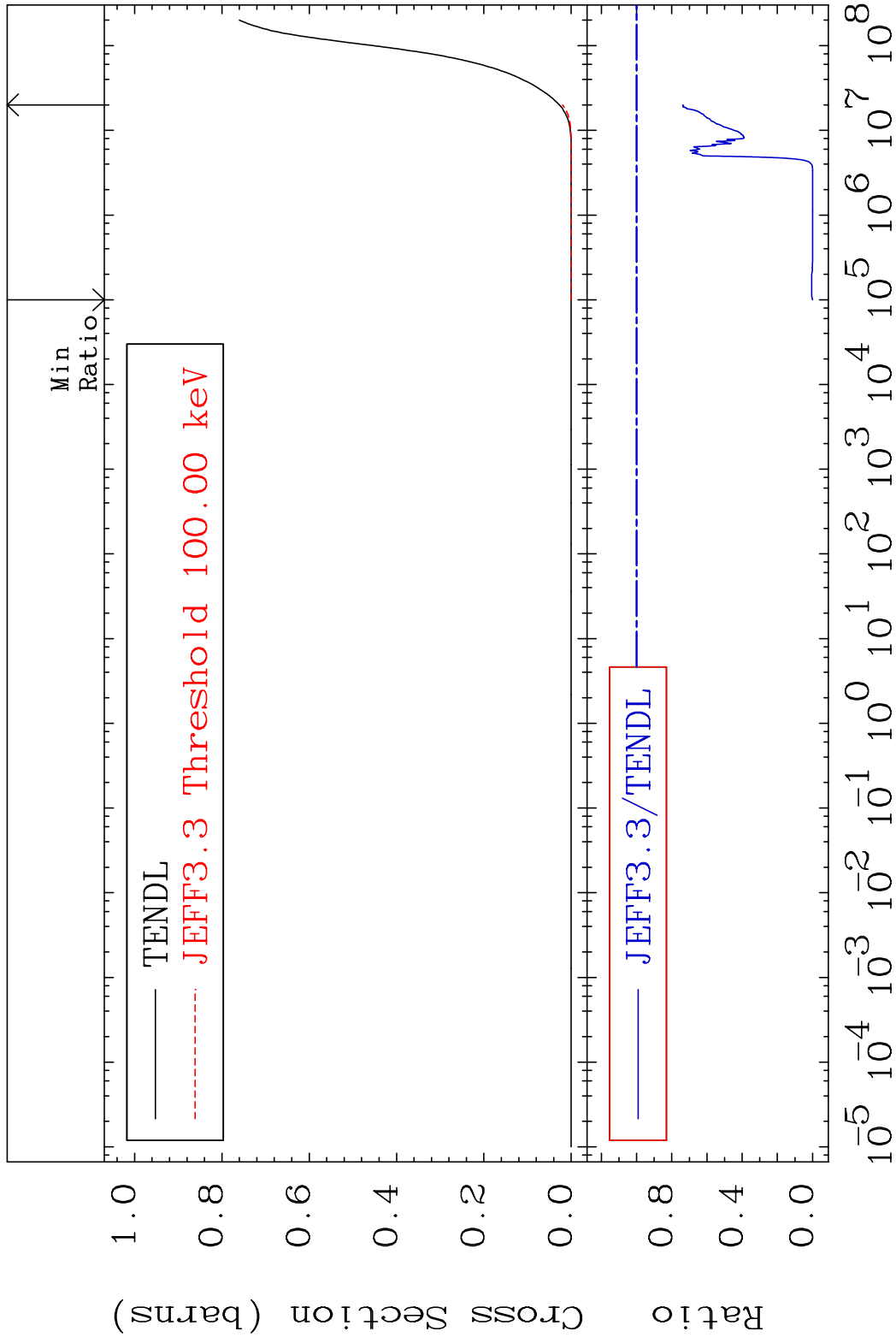


MAT 5640

Hydrogen Production

56-Ba-135

Cross Section -100.0 To -26.01%



23

Incident Energy (eV)

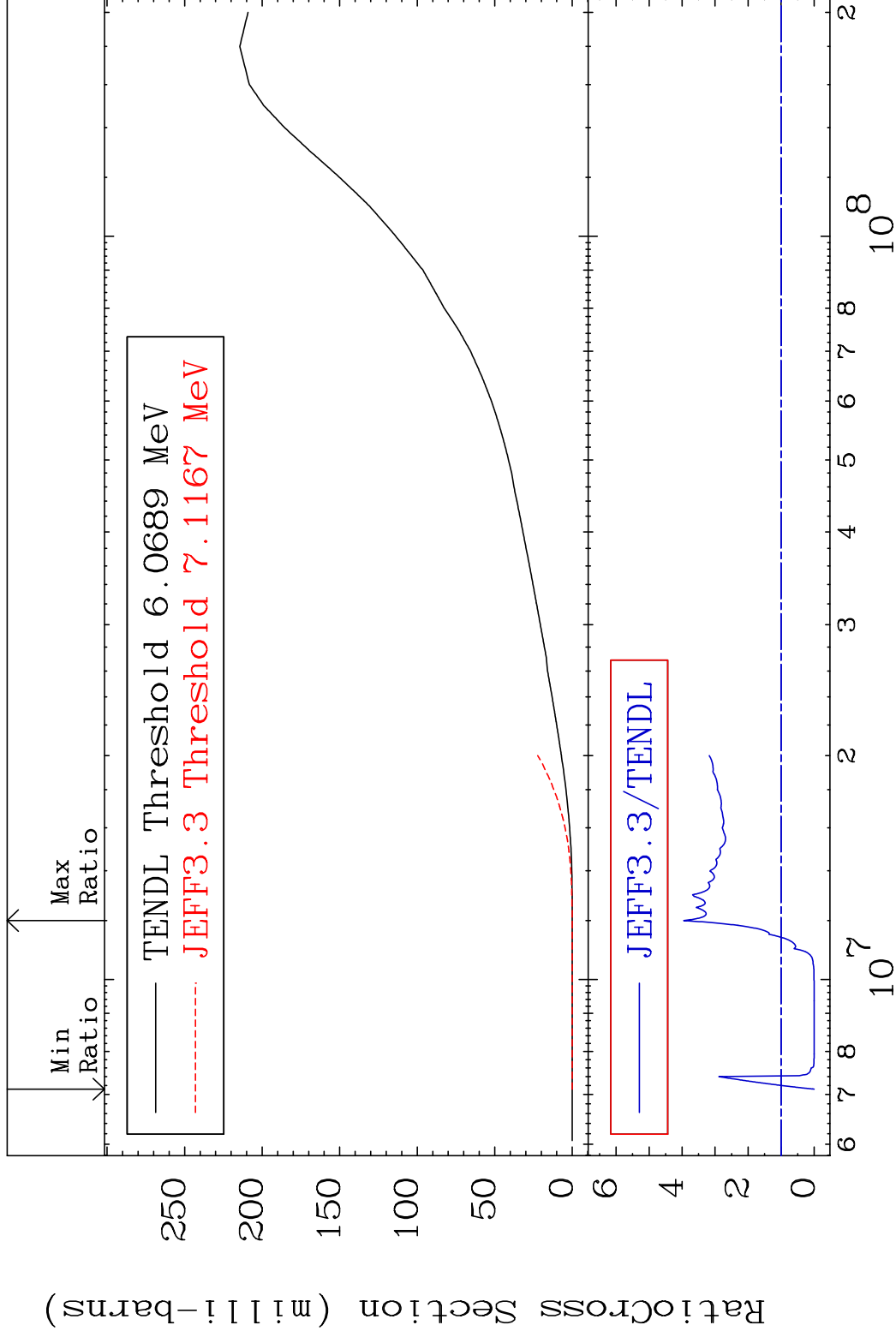
56-Ba-135

MAT 5640

Deuterium Production

56-Ba-135

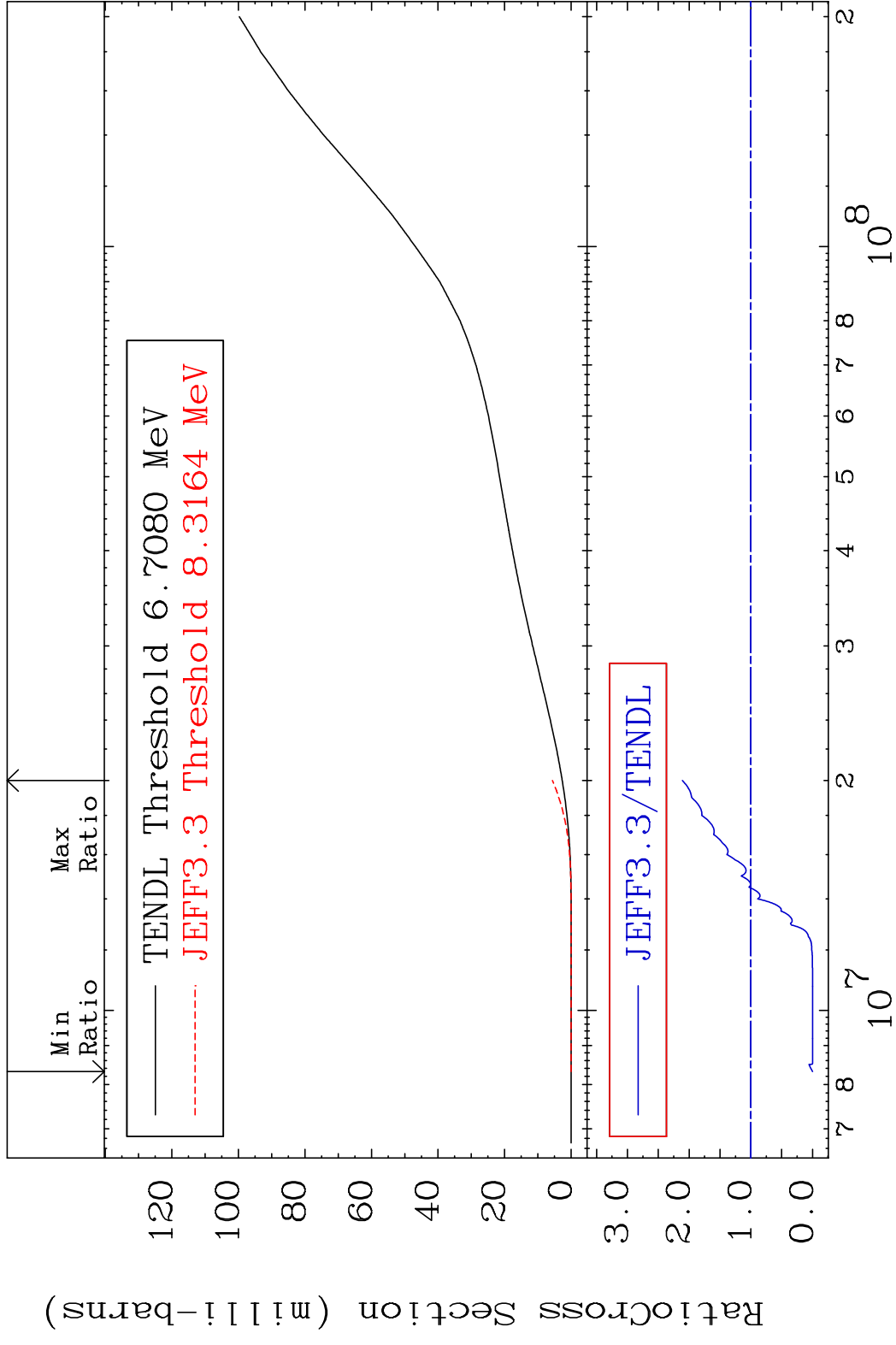
Cross Section -100.0 To 295.2 %



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Incident Energy (eV)

56-Ba-135

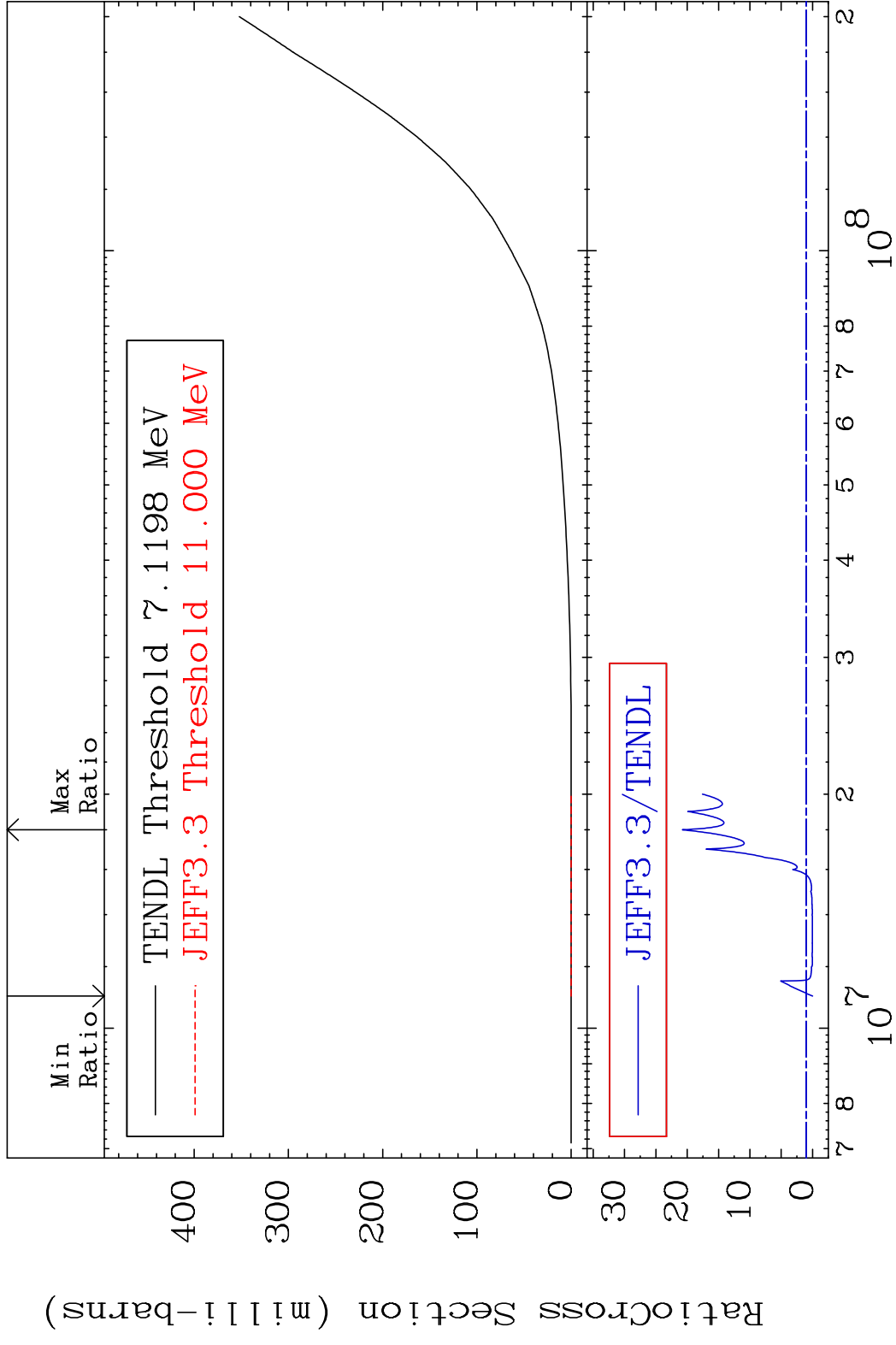


MAT 5640

He-3 Production

56-Ba-135

Cross Section -100.0 To 1977. %

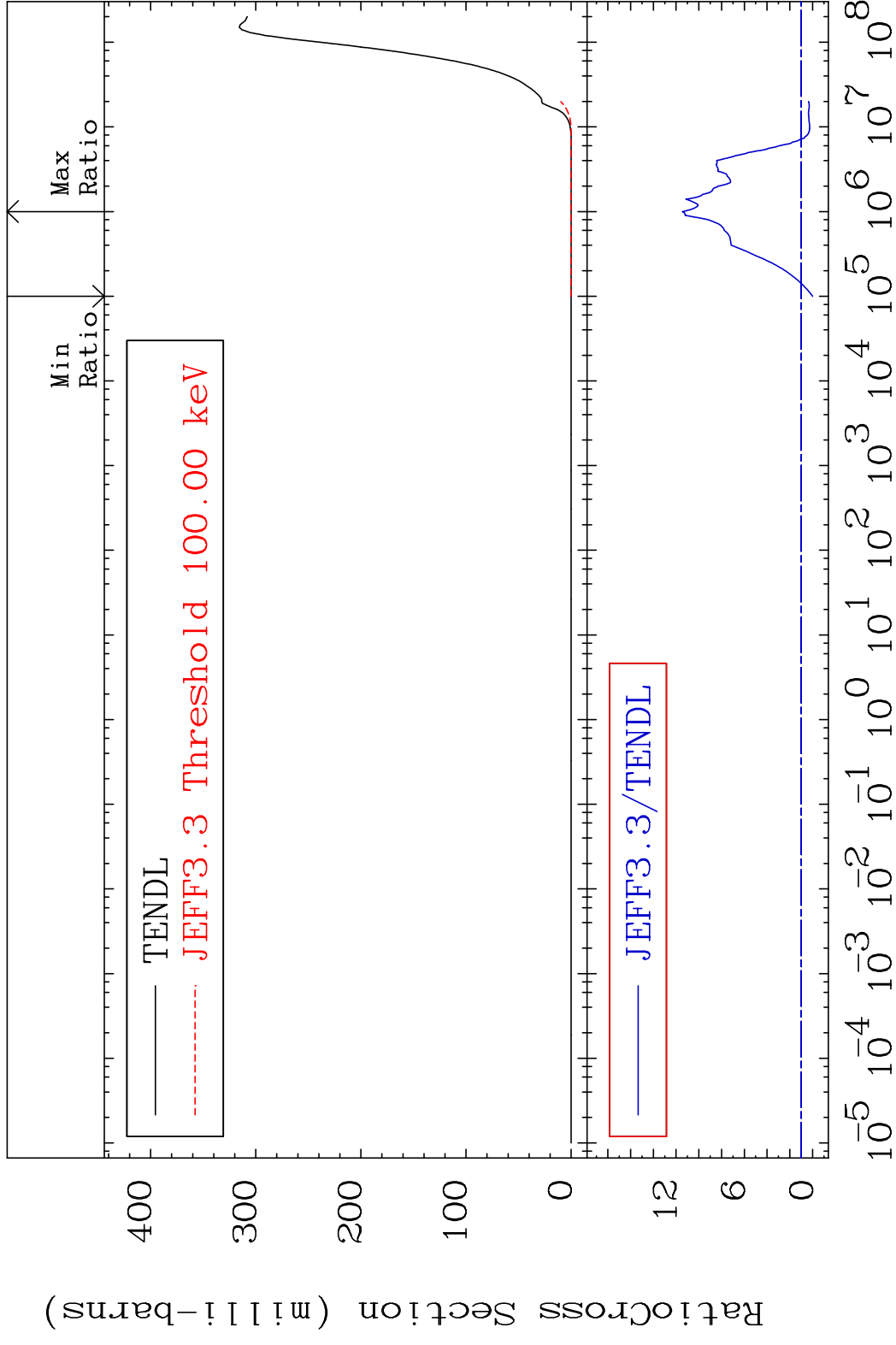


MAT 5640

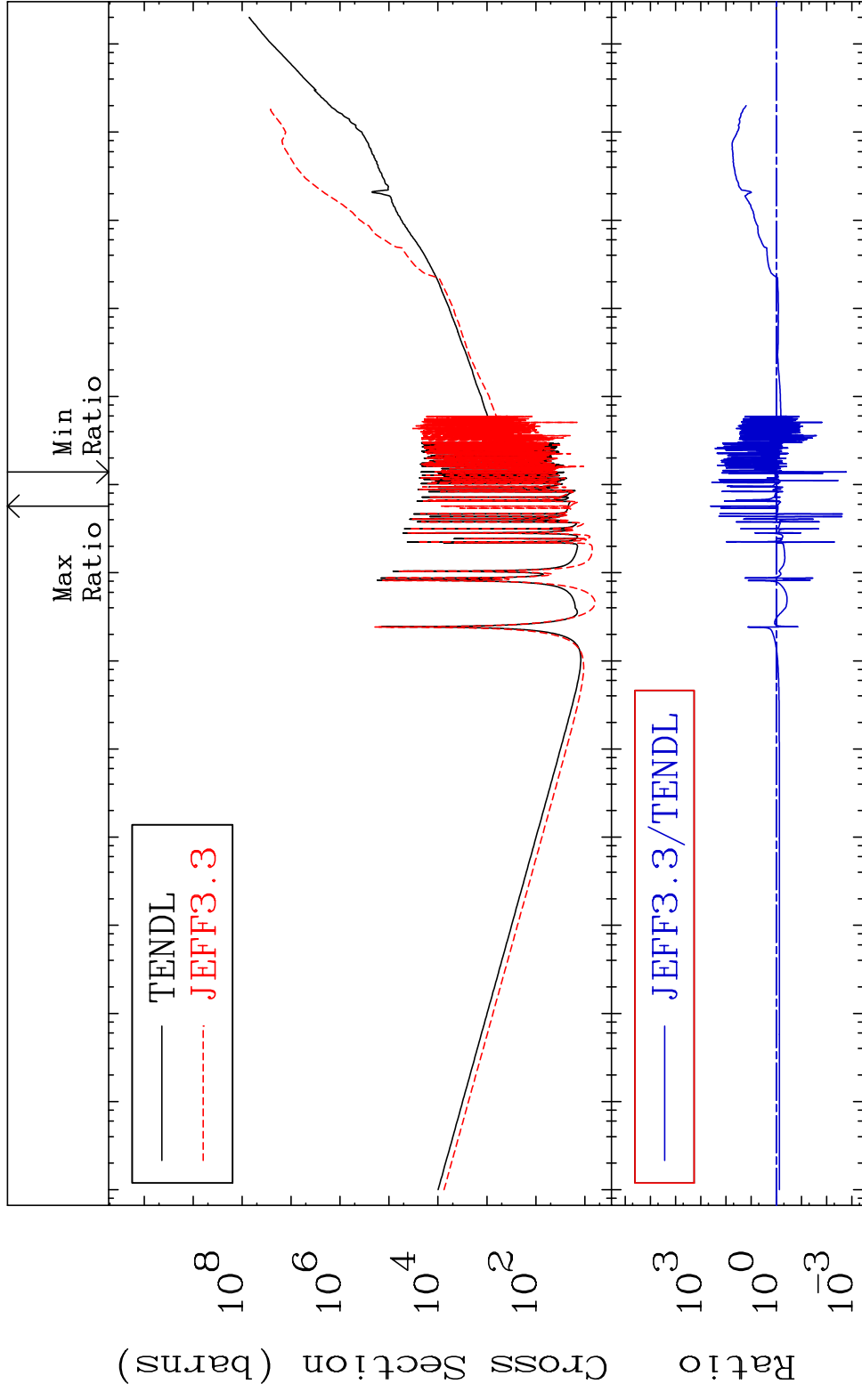
He-4 Production

56-Ba-135

Cross Section -100.0 To 1045. %



MAT 5640 Kerma total (eV-barns) 56-Ba-135
 Cross Section -99.83 To 9999. %



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

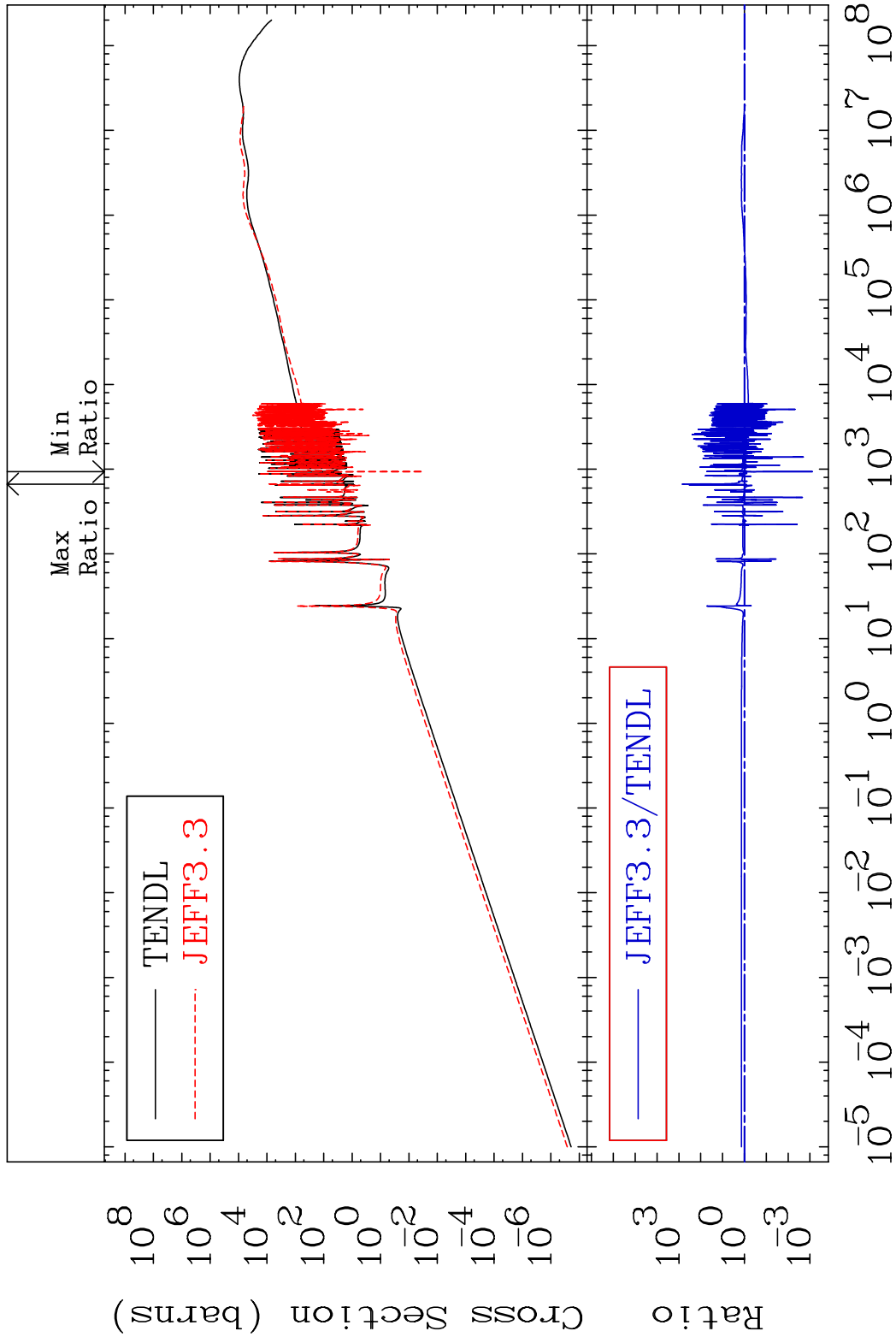
MAT 5640

Kerma elastic

56-Ba-135

Cross Section

-99.92 To 9999. %

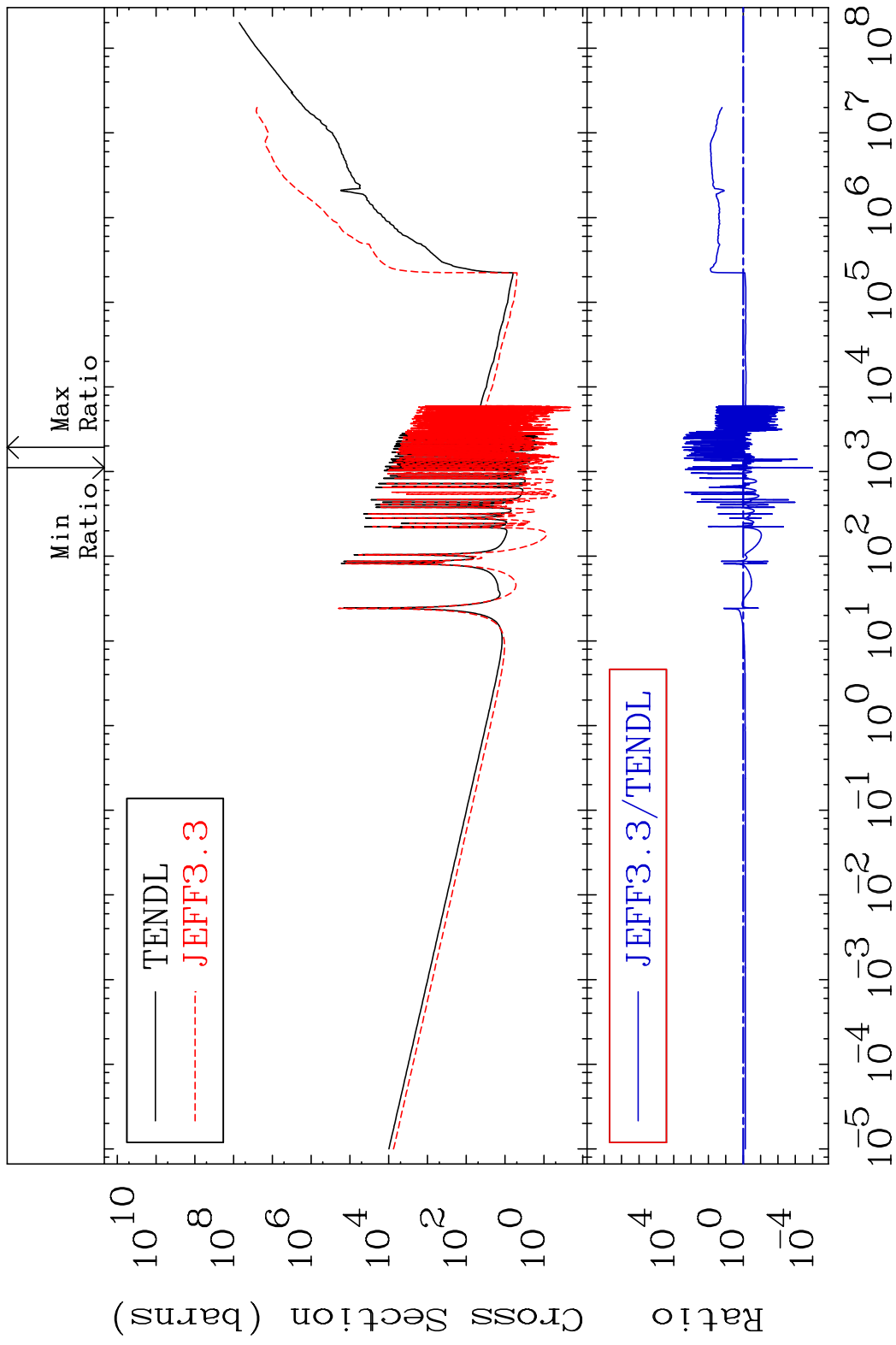


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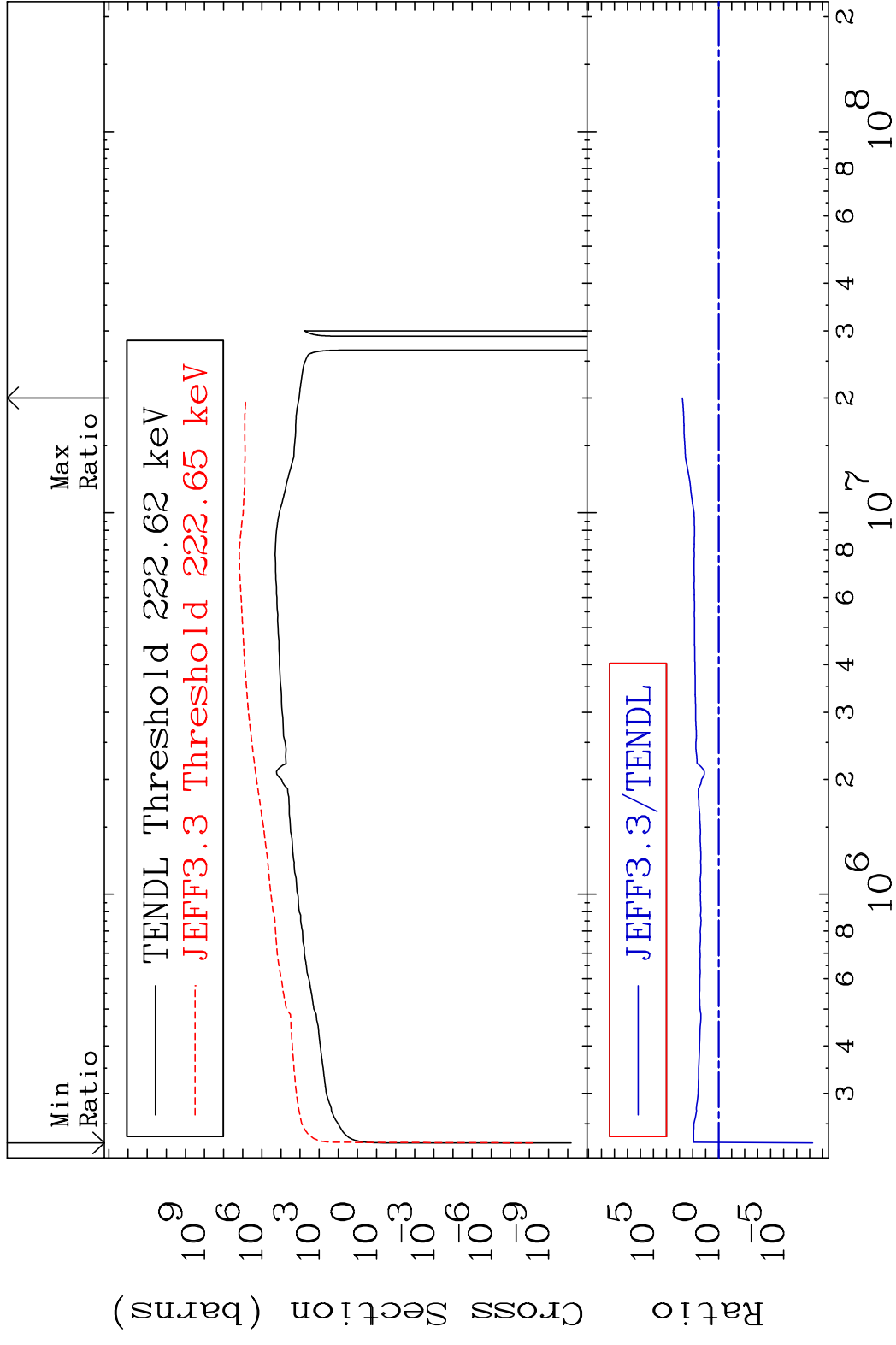
Incident Energy (eV)

56-Ba-135

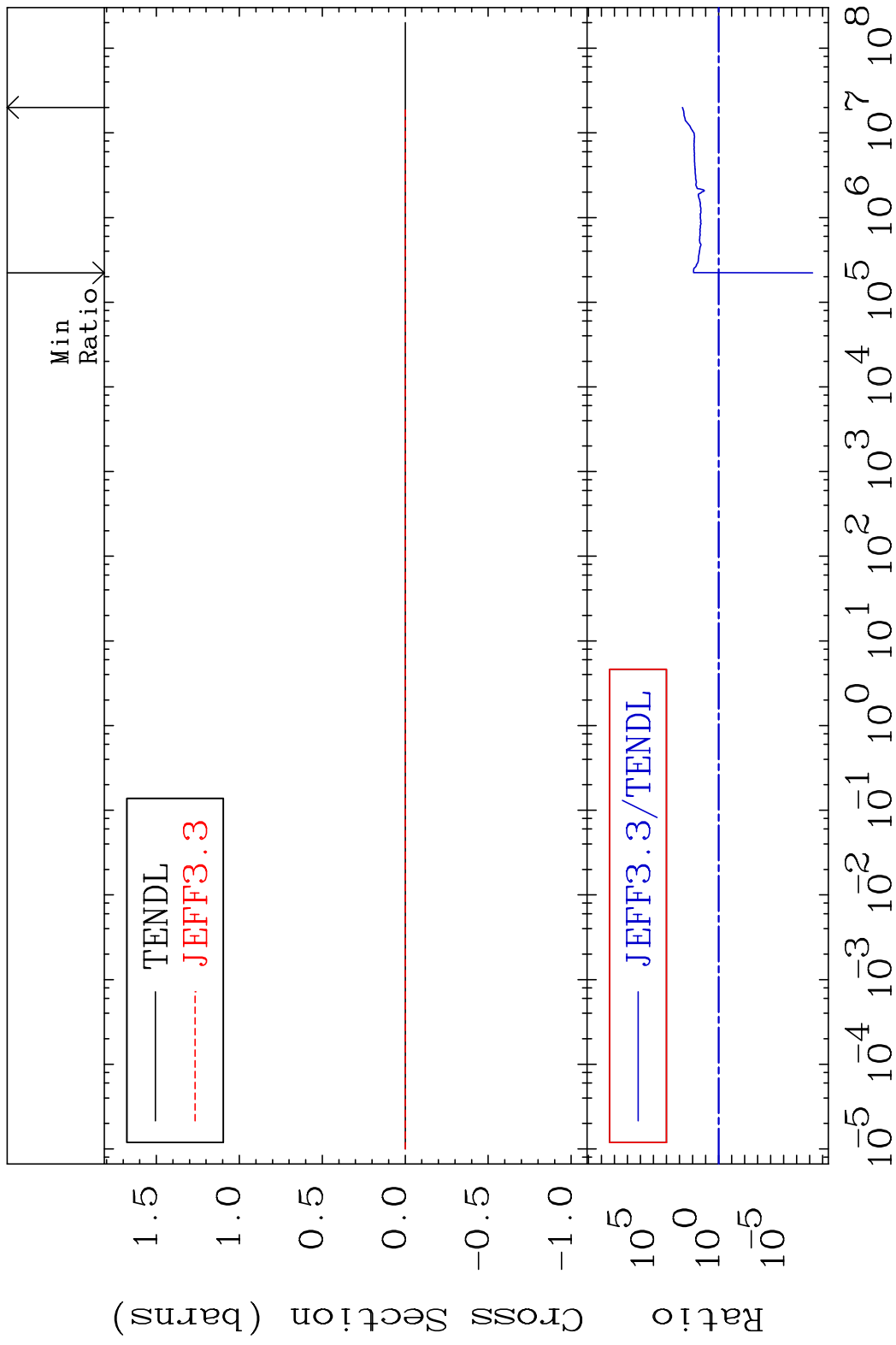
MAT 5640 Kerma non-elastic (all but mt2) 56-Ba-135
 Cross Section -99.99 To 9999. %



MAT 5640 Kerma inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 9999. %

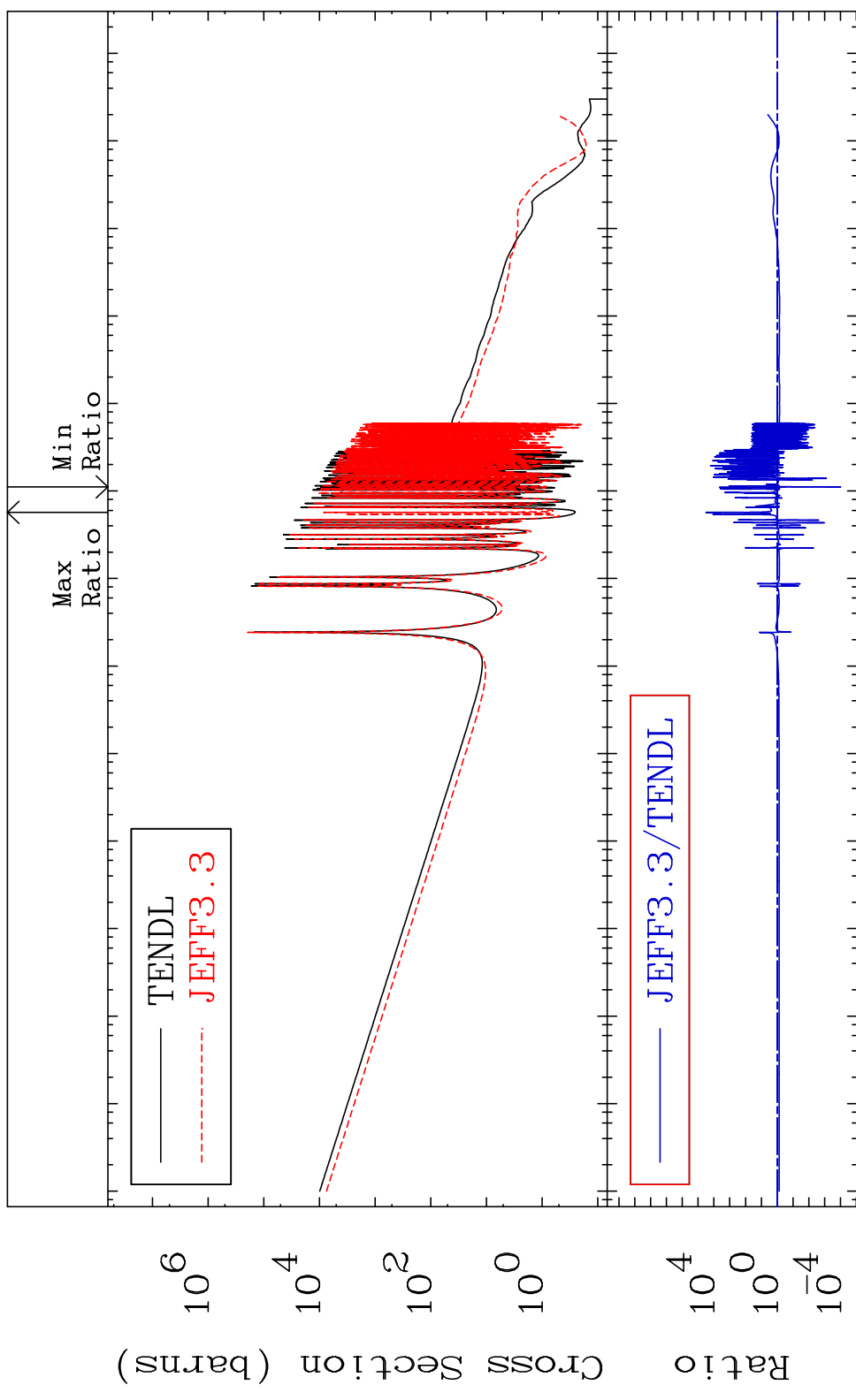


MAT 5640 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-135
 Cross Section -100.0 To 9999. %



MAT 5640

Kerma capture (mt102) 56-Ba-135
Cross Section -99.99 To 9999. %

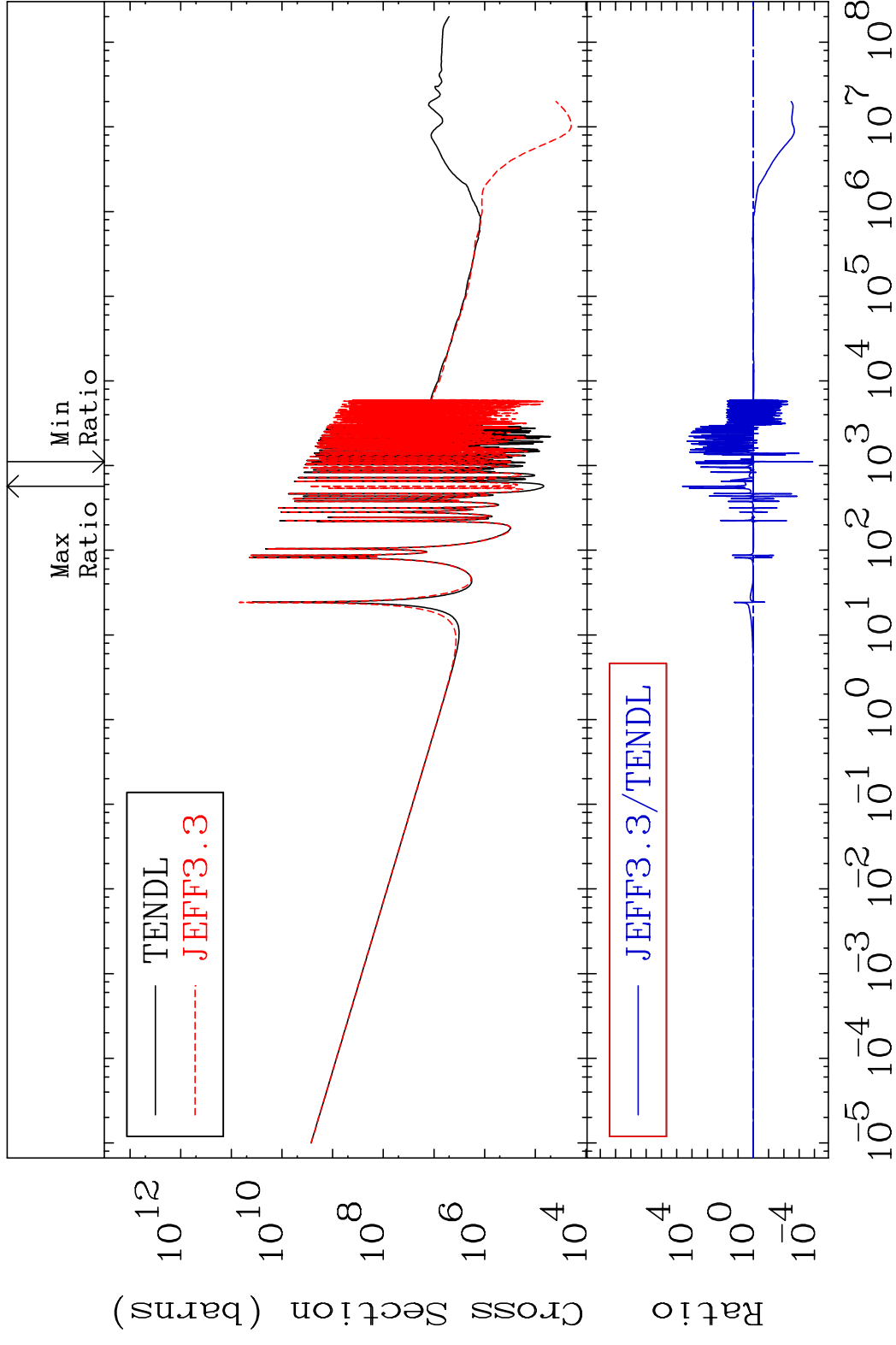


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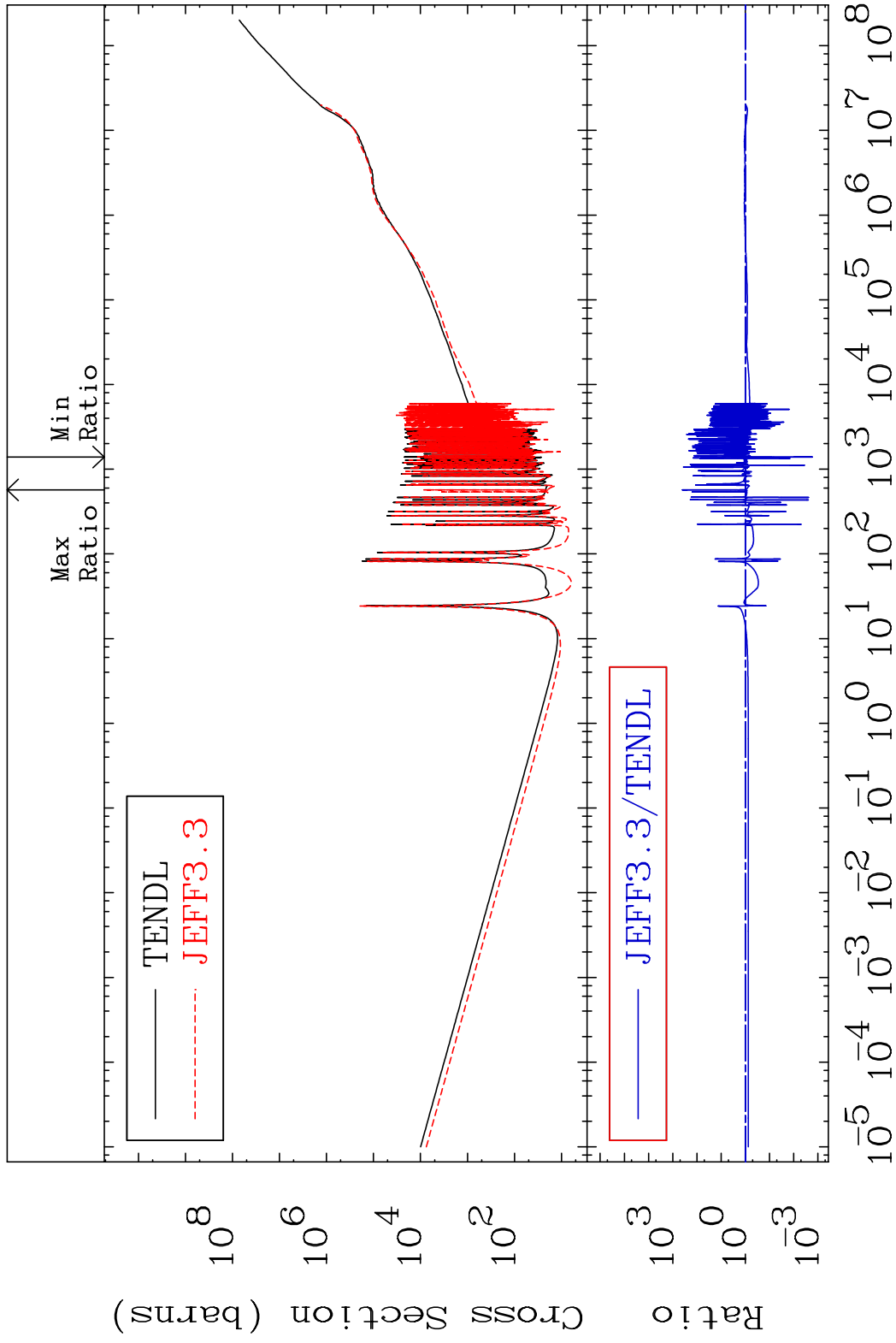
Incident Energy (eV)

56-Ba-135

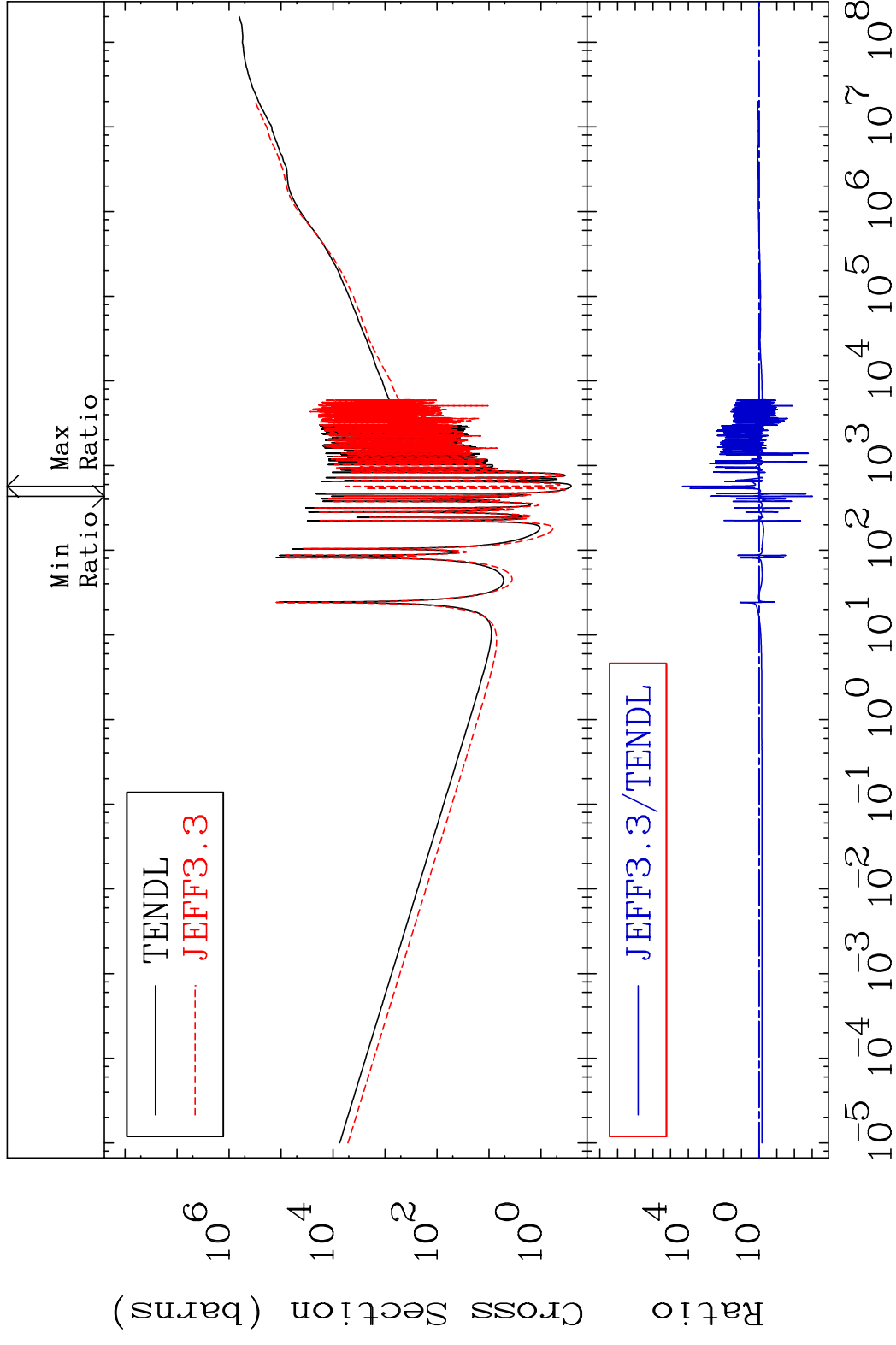
MAT 5640 Total photon (eV-barns) 56-Ba-135
 Cross Section -99.99 To 9999. %



MAT 5640 Total kinematic kerma (high limit) 56-Ba-135
 Cross Section -99.83 To 9999. %



MAT 5640 Dpa total (eV-barns) 56-Ba-135
 Cross Section -99.91 To 9999. %

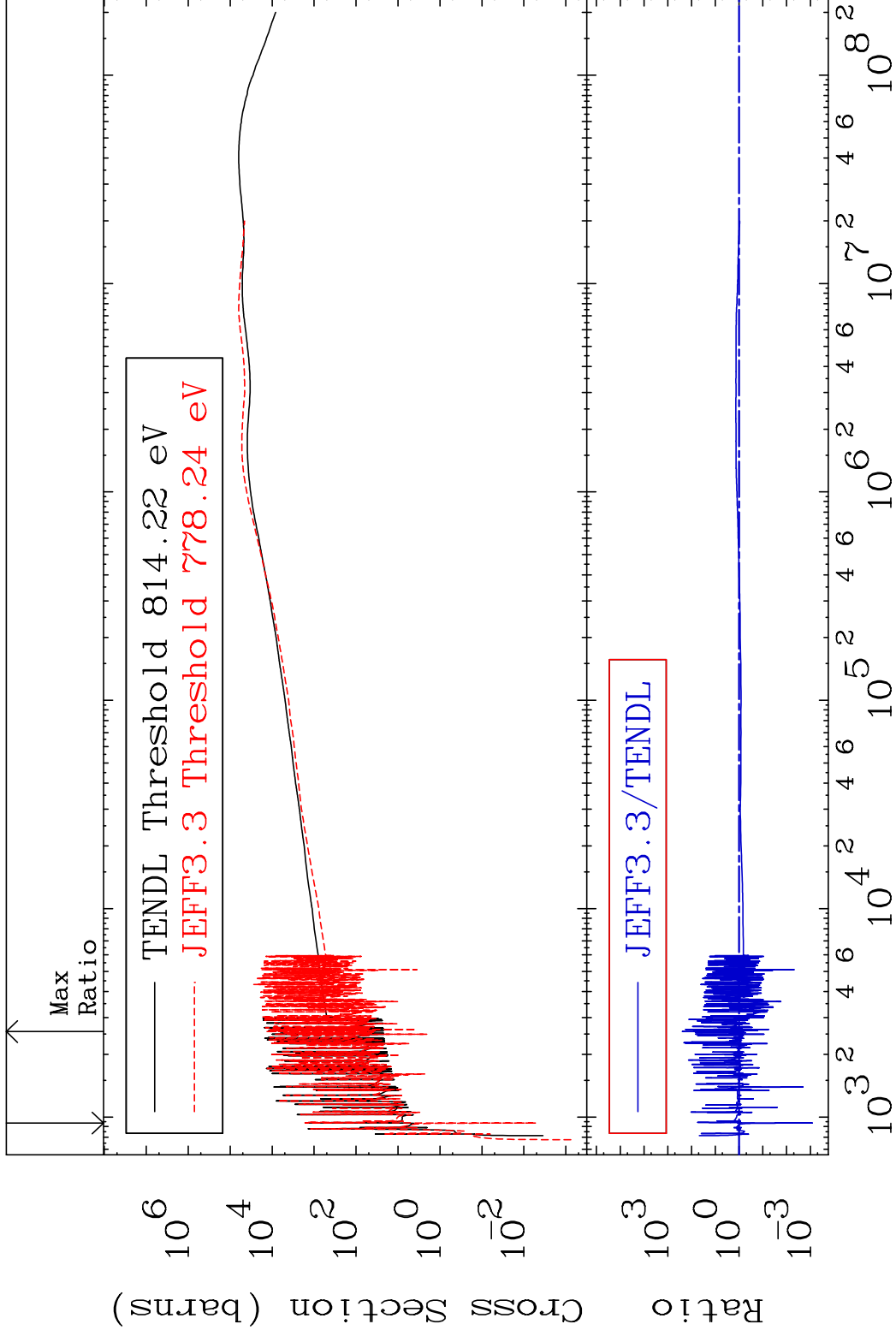


MAT 5640

Dpa elastic (mt2)

56-Ba-135

Cross Section -99.92 To 9999. %

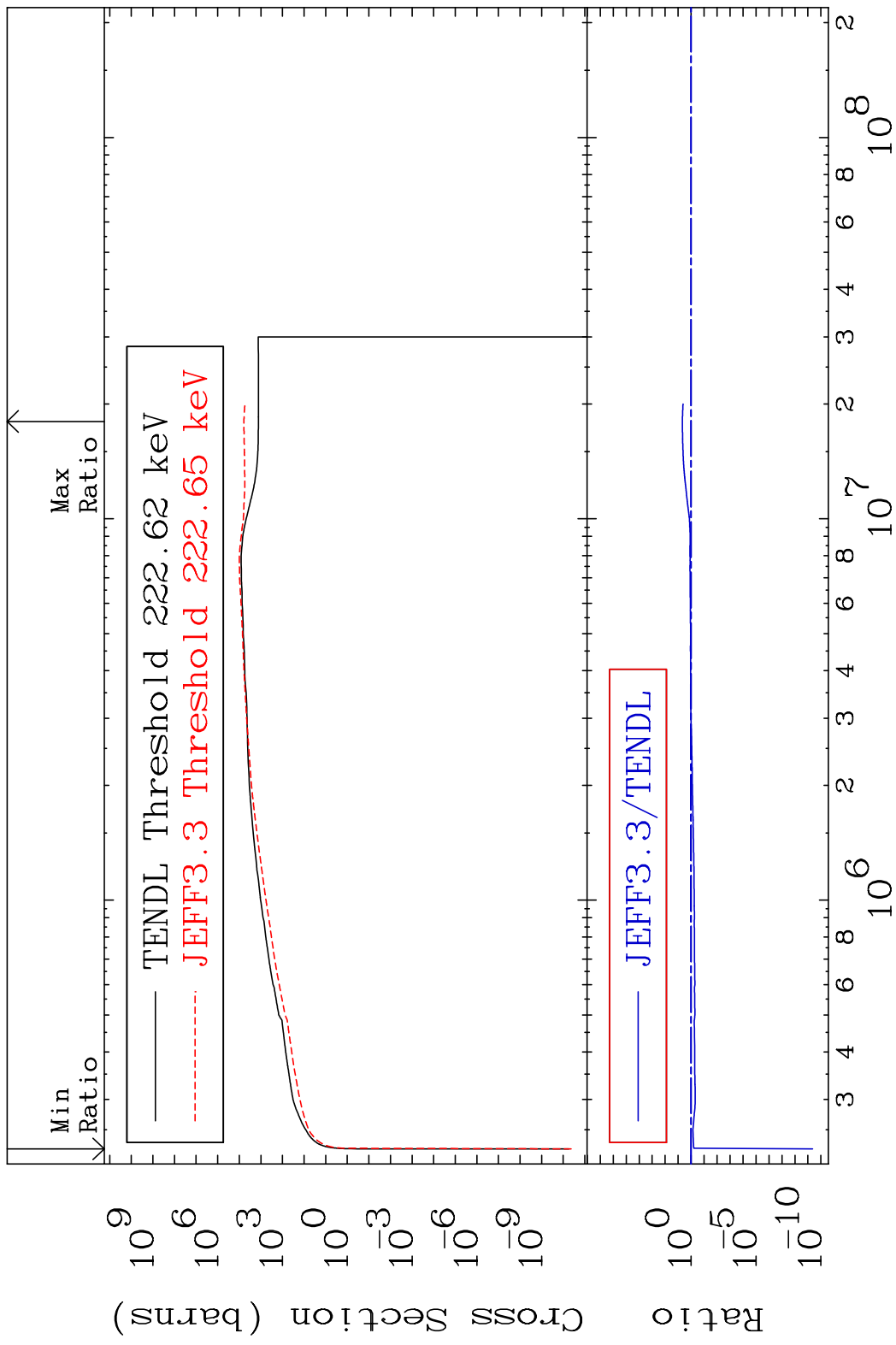


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Incident Energy (eV)

56-Ba-135

MAT 5640 Dpa inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 372.6 %



MAT 5640 Dpa disappearance (mt102 -120) 56-Ba-135
Cross Section -99.99 To 9999. %

