

Program Complot
(Version 2018-1)

by

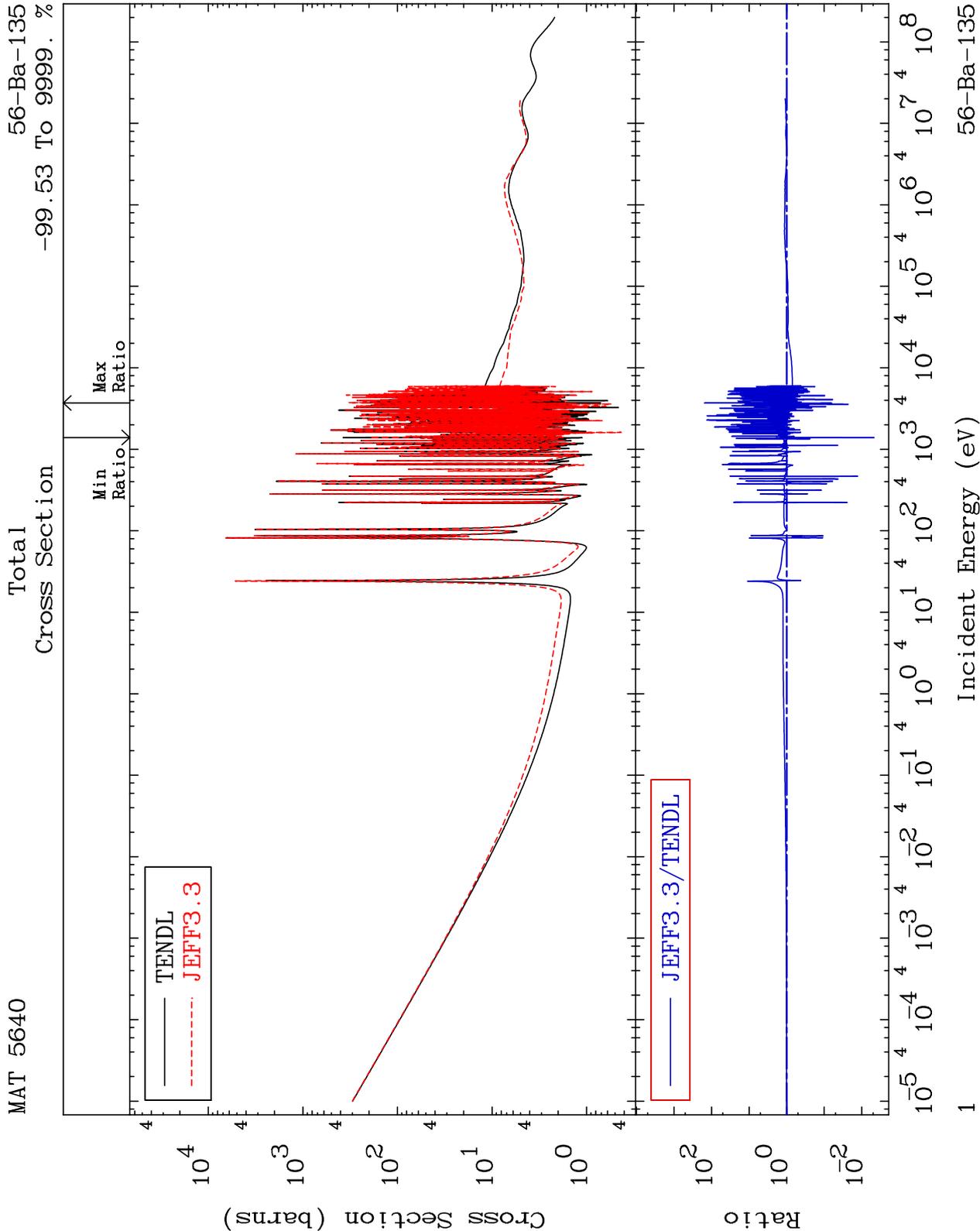
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(Present Contact Information)

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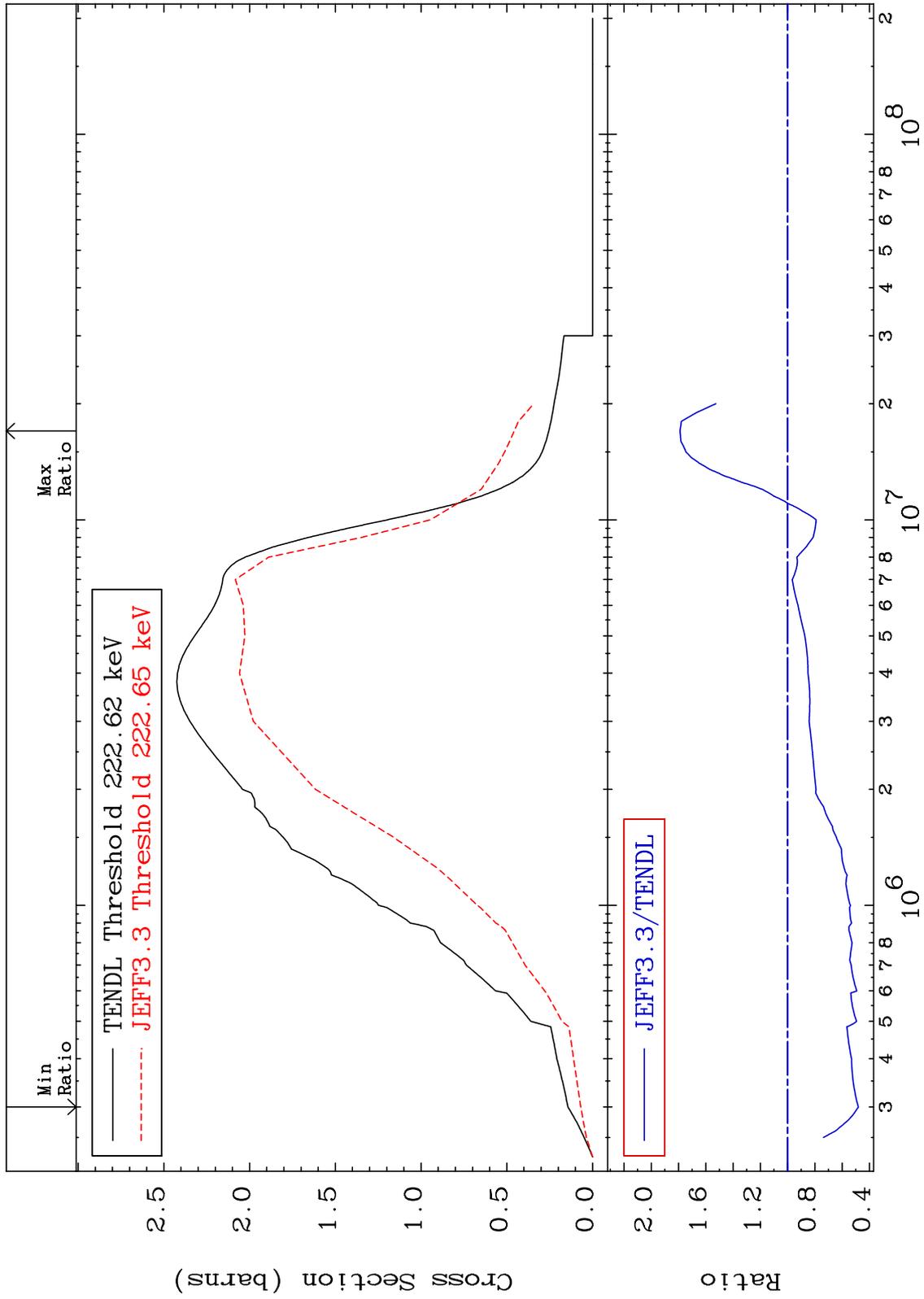
Tele: 925-443-1911

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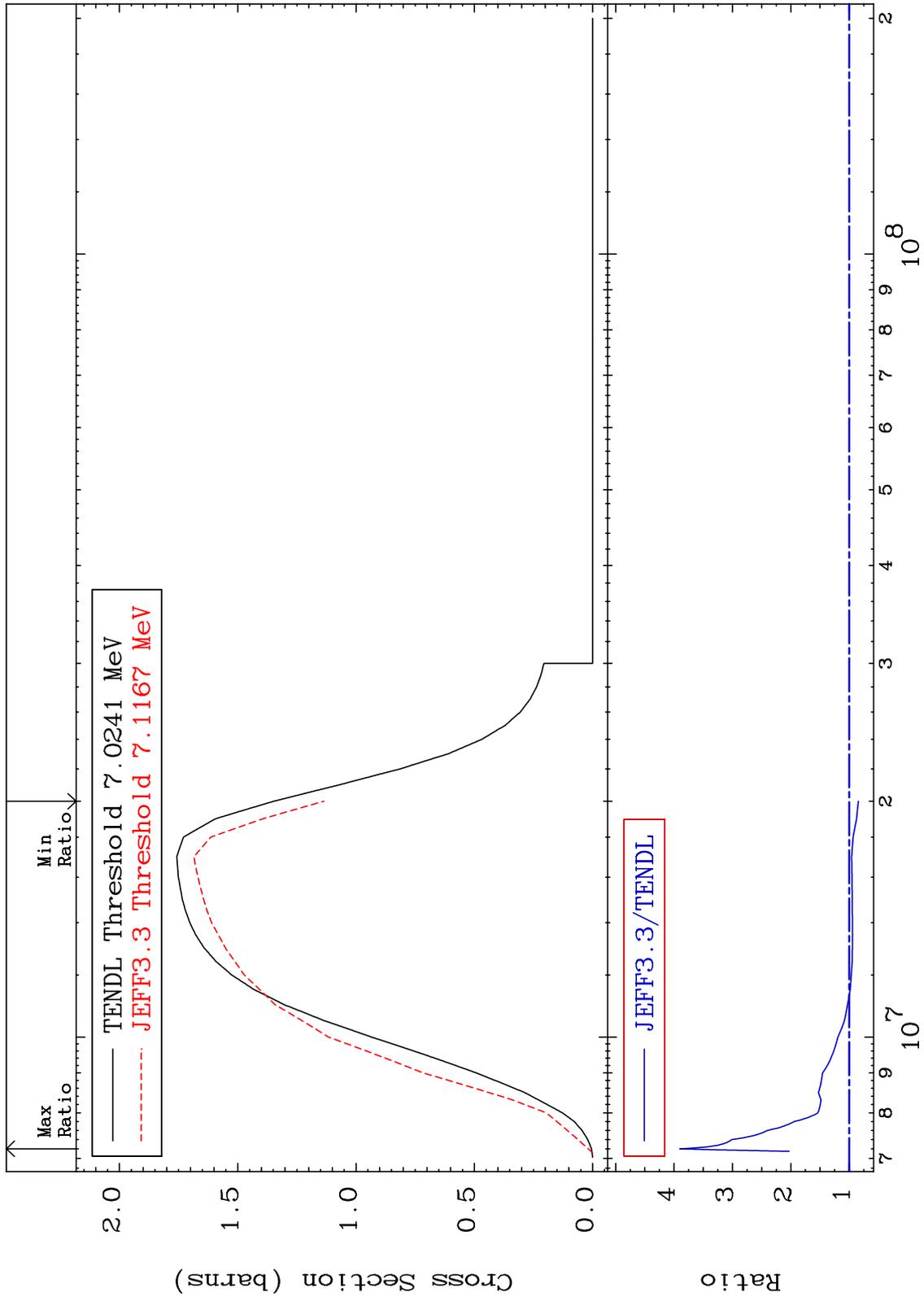
Press Mouse Button to Start



MAT 5640 Inelastic Cross Section 56-Ba-135 -51.92 To 78.97 %

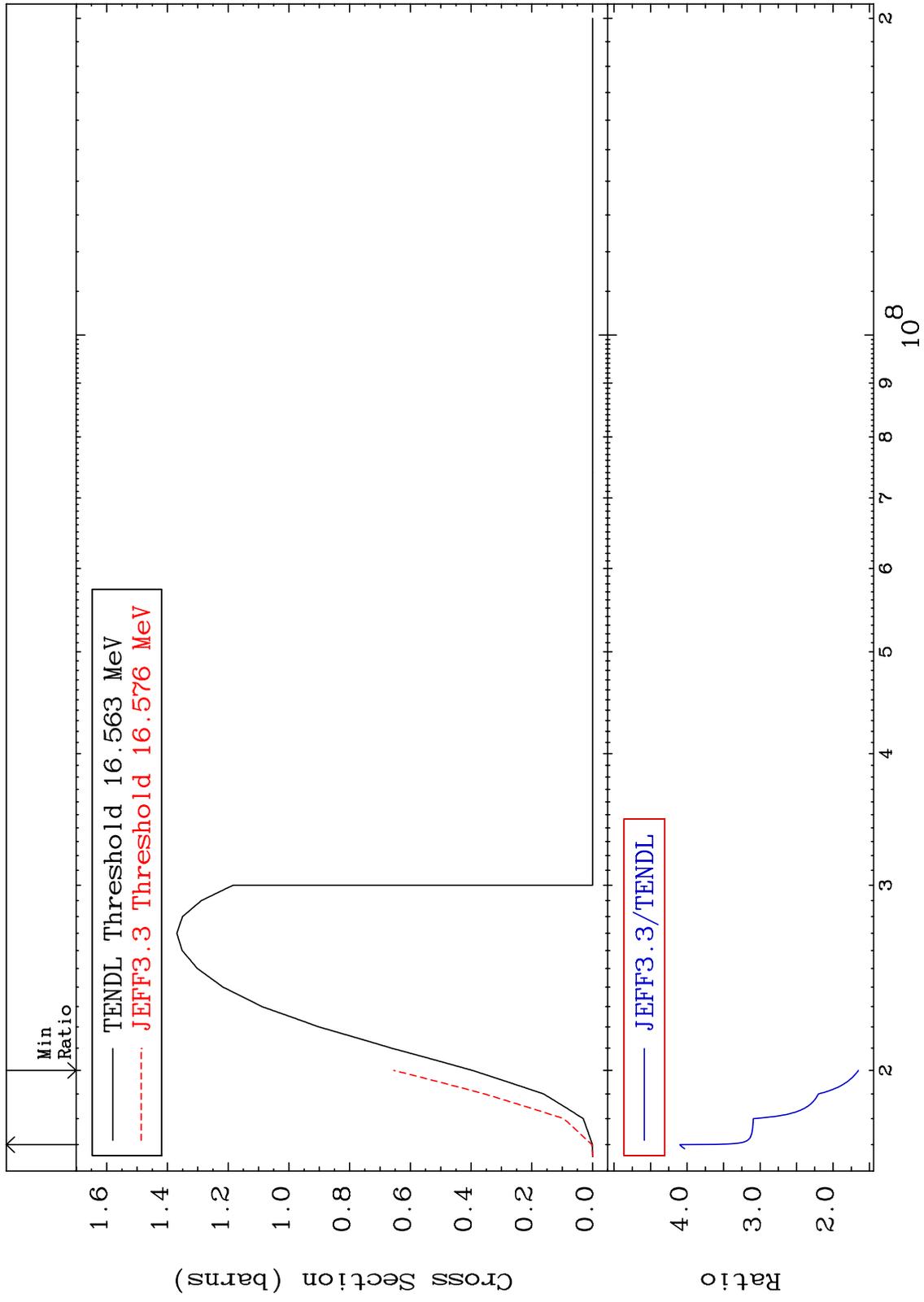


MAT 5640 (n,2n) Cross Section 56-Ba-135 -15.70 To 289.9 %



4 Incident Energy (eV) 56-Ba-135

MAT 5640 (n, 3n) Cross Section 56-Ba-135 To 309.8 % 65.30



5 Incident Energy (eV) 56-Ba-135

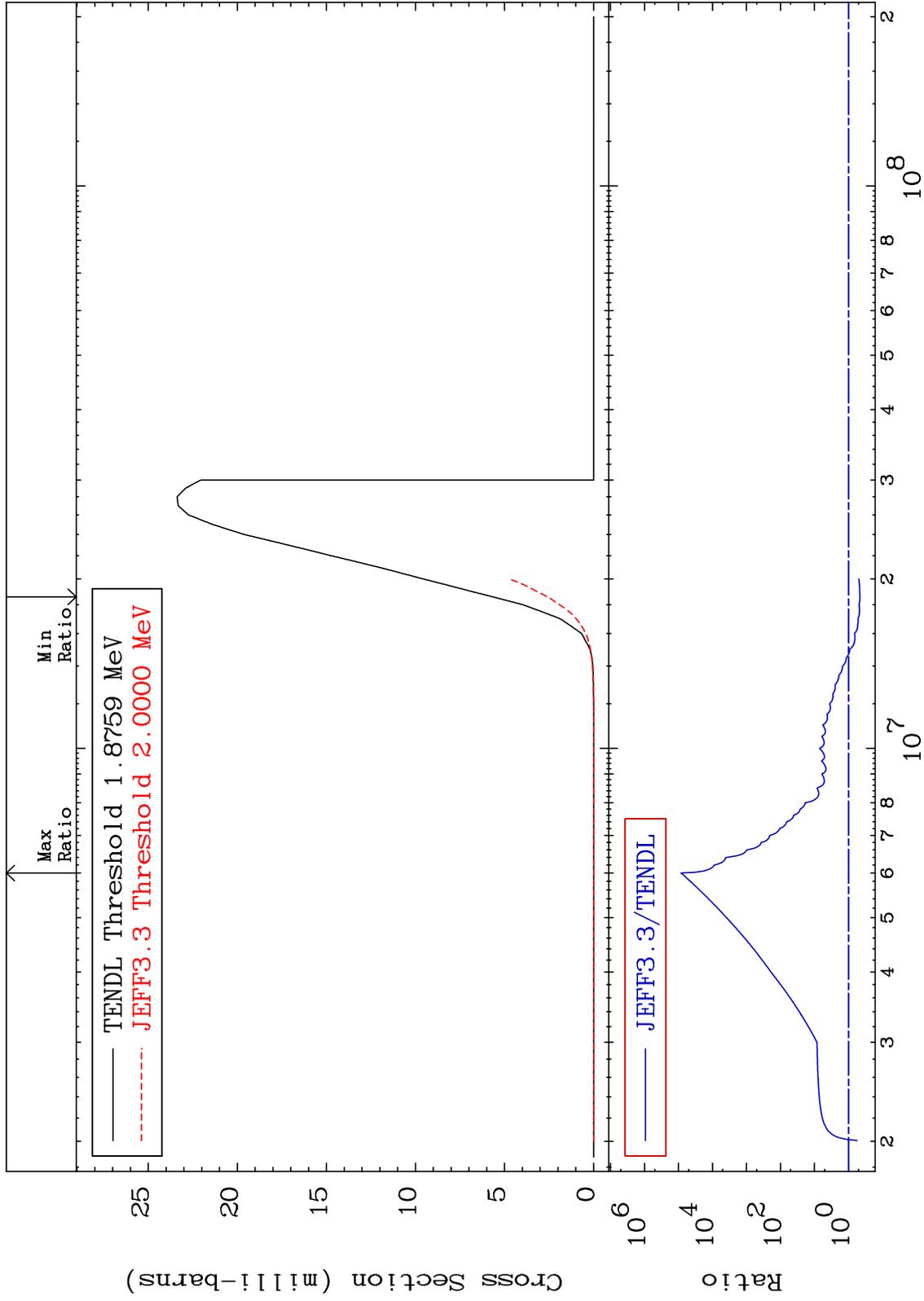
MAT 5640

(n,n') α

56-Ba-135

-54.19 To 9999. %

Cross Section



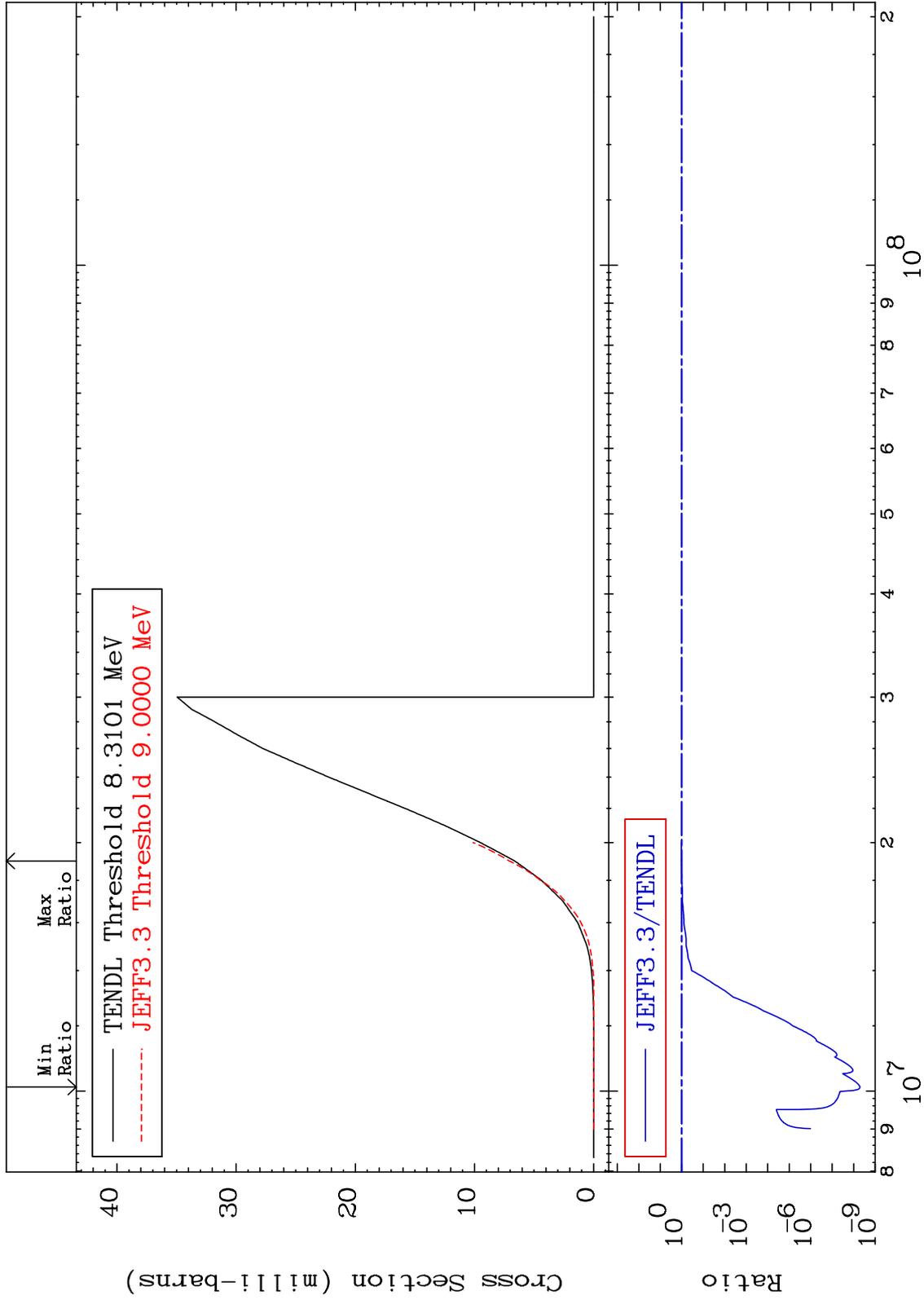
MAT 5640

(n,n') p

56-Ba-135

Cross Section

-100.0 To 6.847 %



Incident Energy (eV)

56-Ba-135

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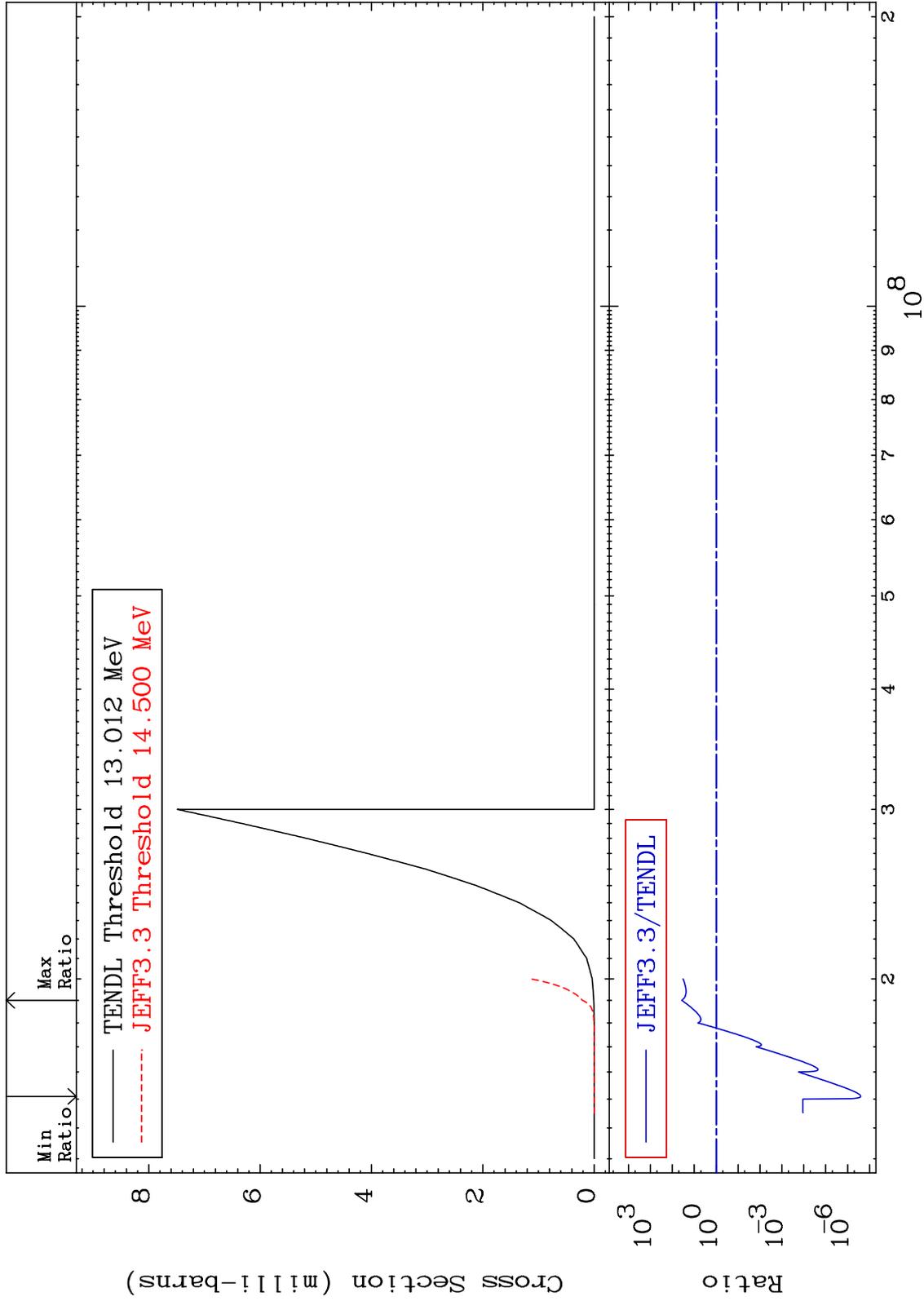
MAT 5640

(n, n') d

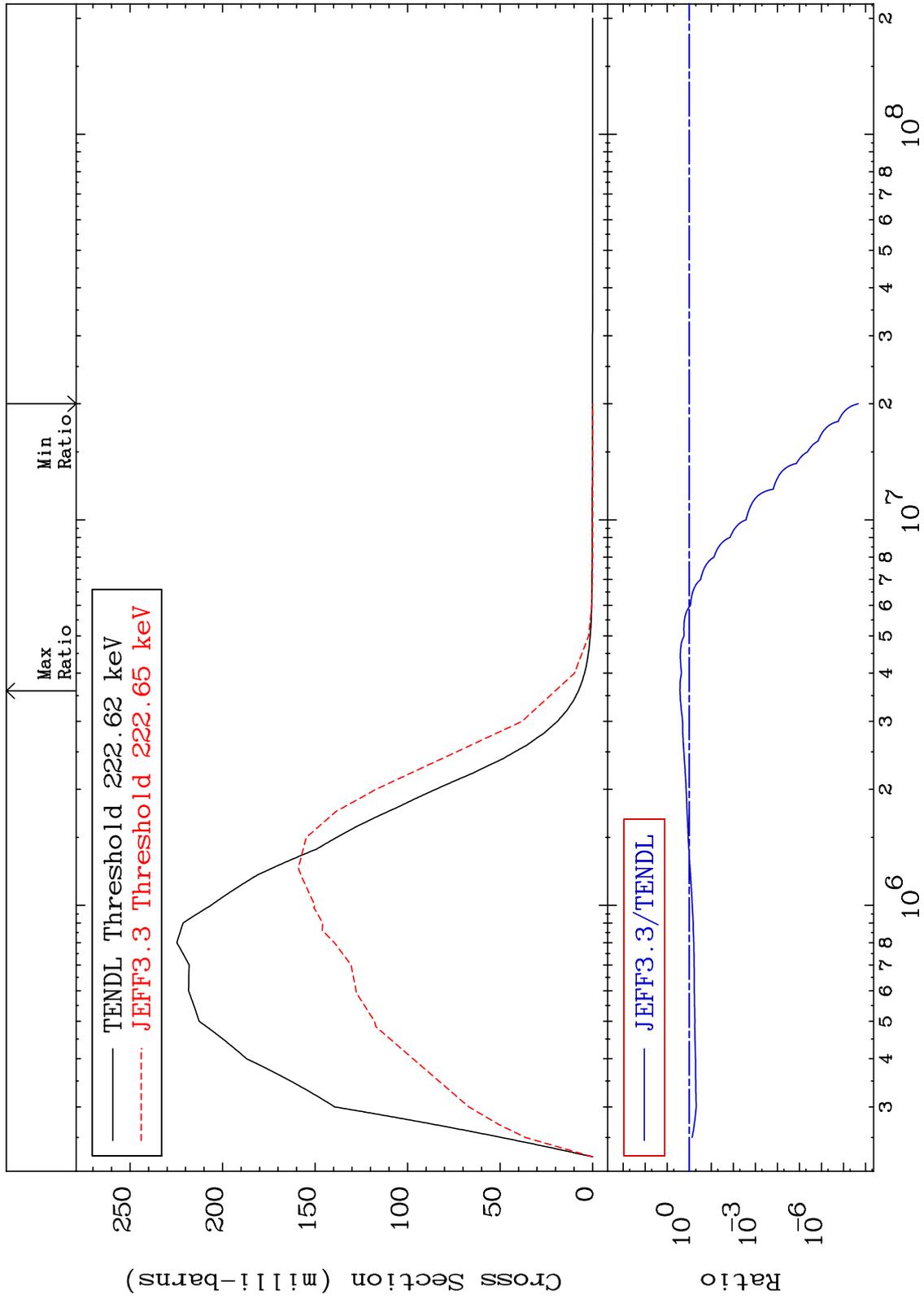
56-Ba-135

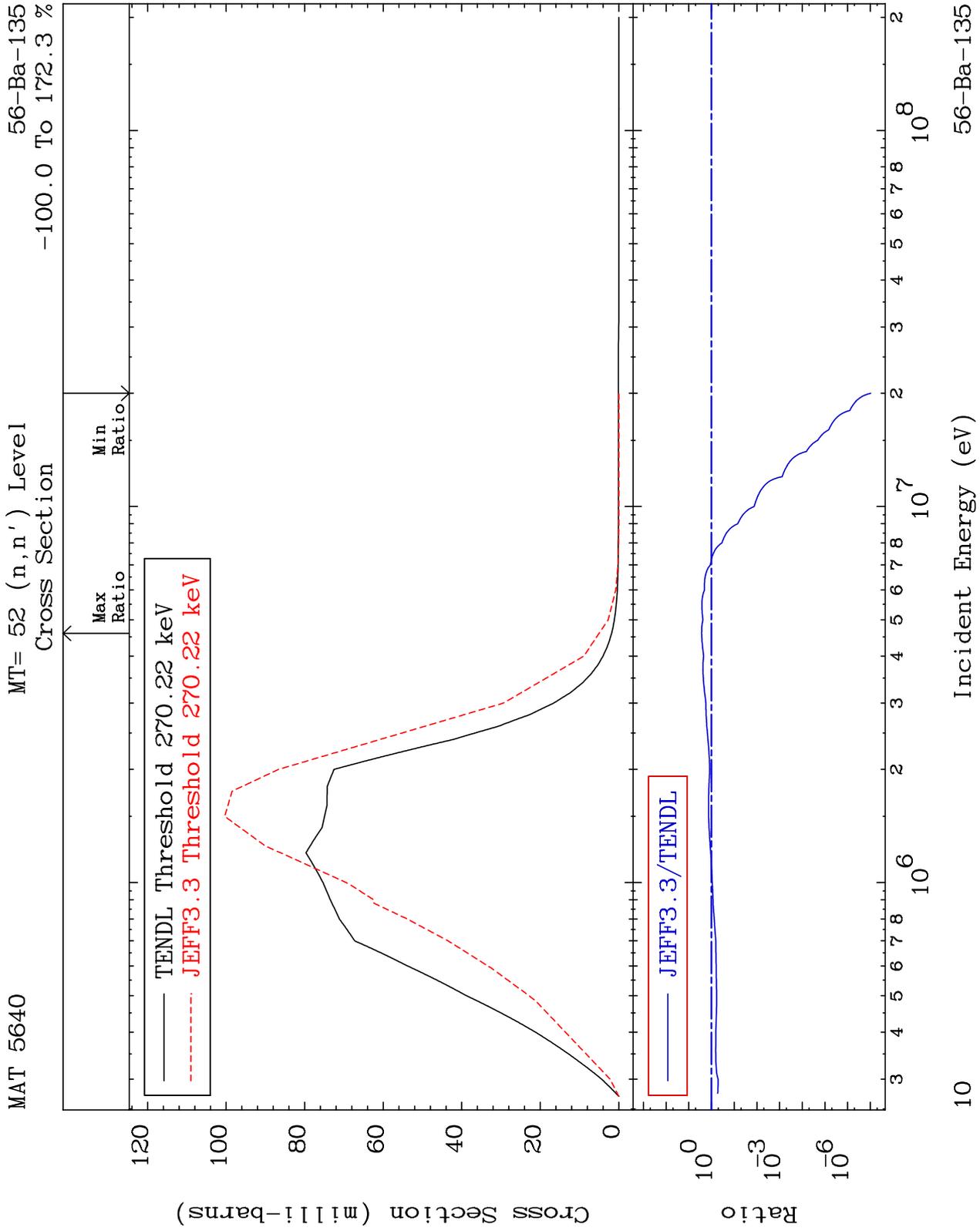
Cross Section

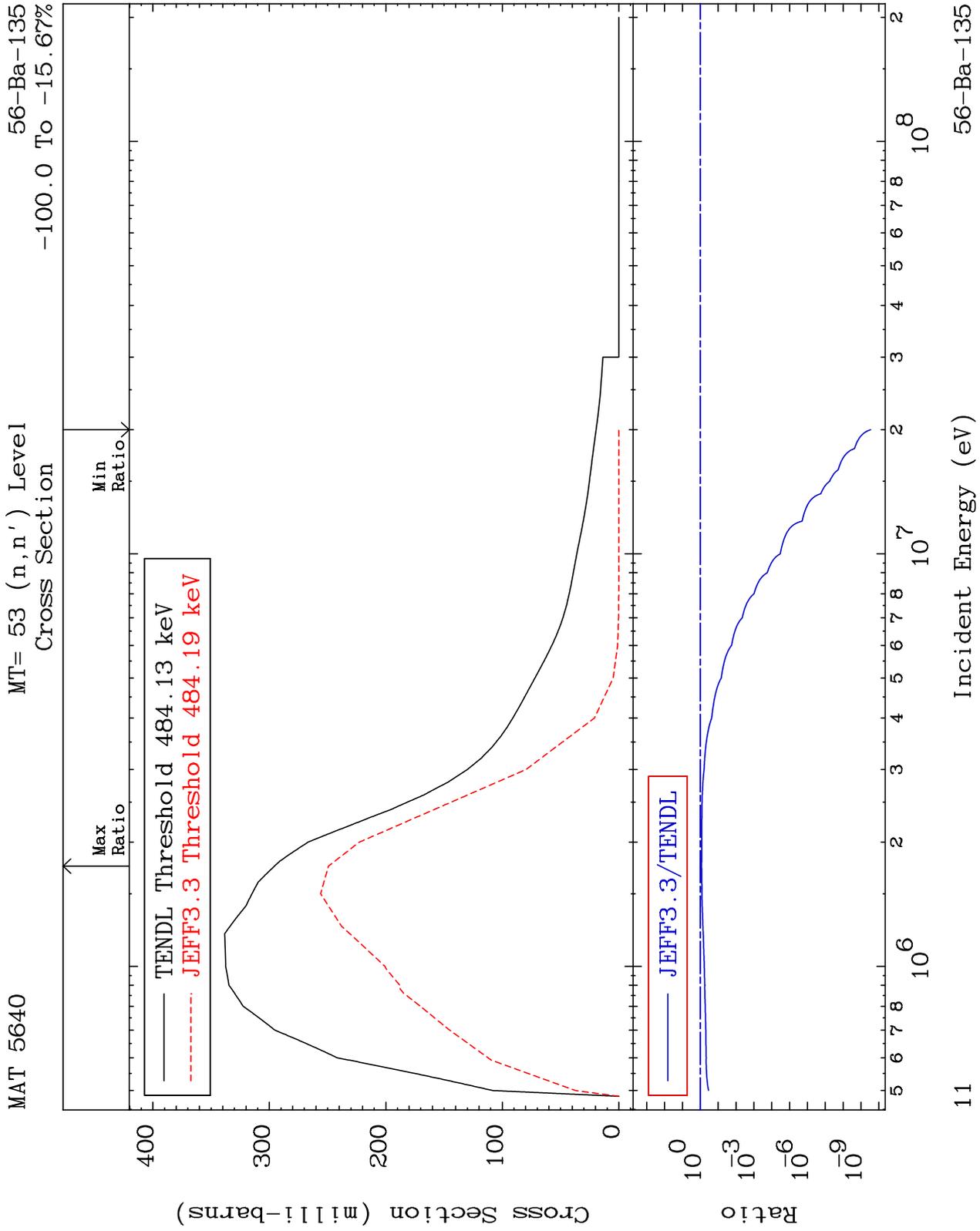
-100.0 To 3618. %



MAT 5640 MT= 51 (n,n') Level 56-Ba-135
 Cross Section -100.0 To 164.1 %



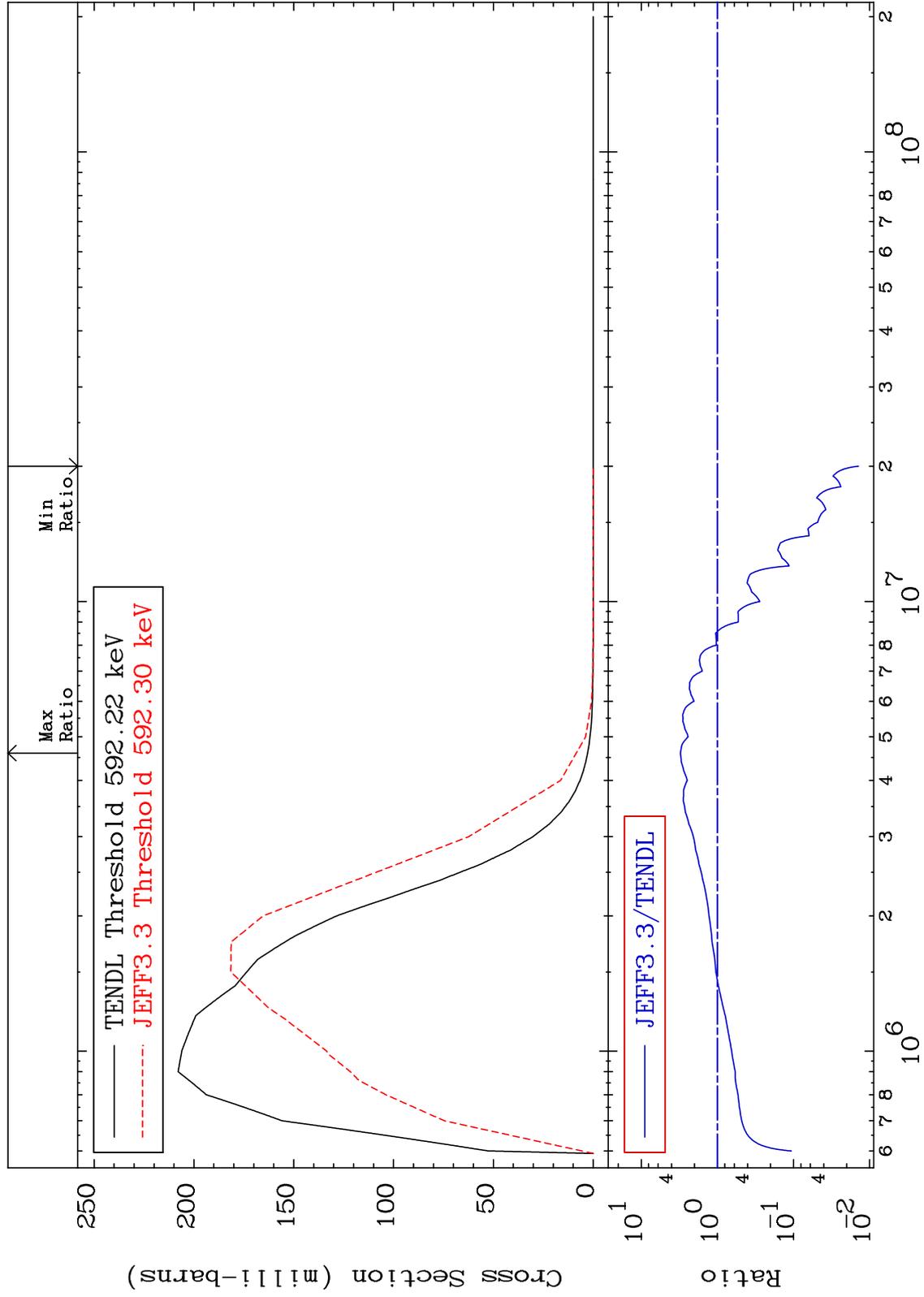




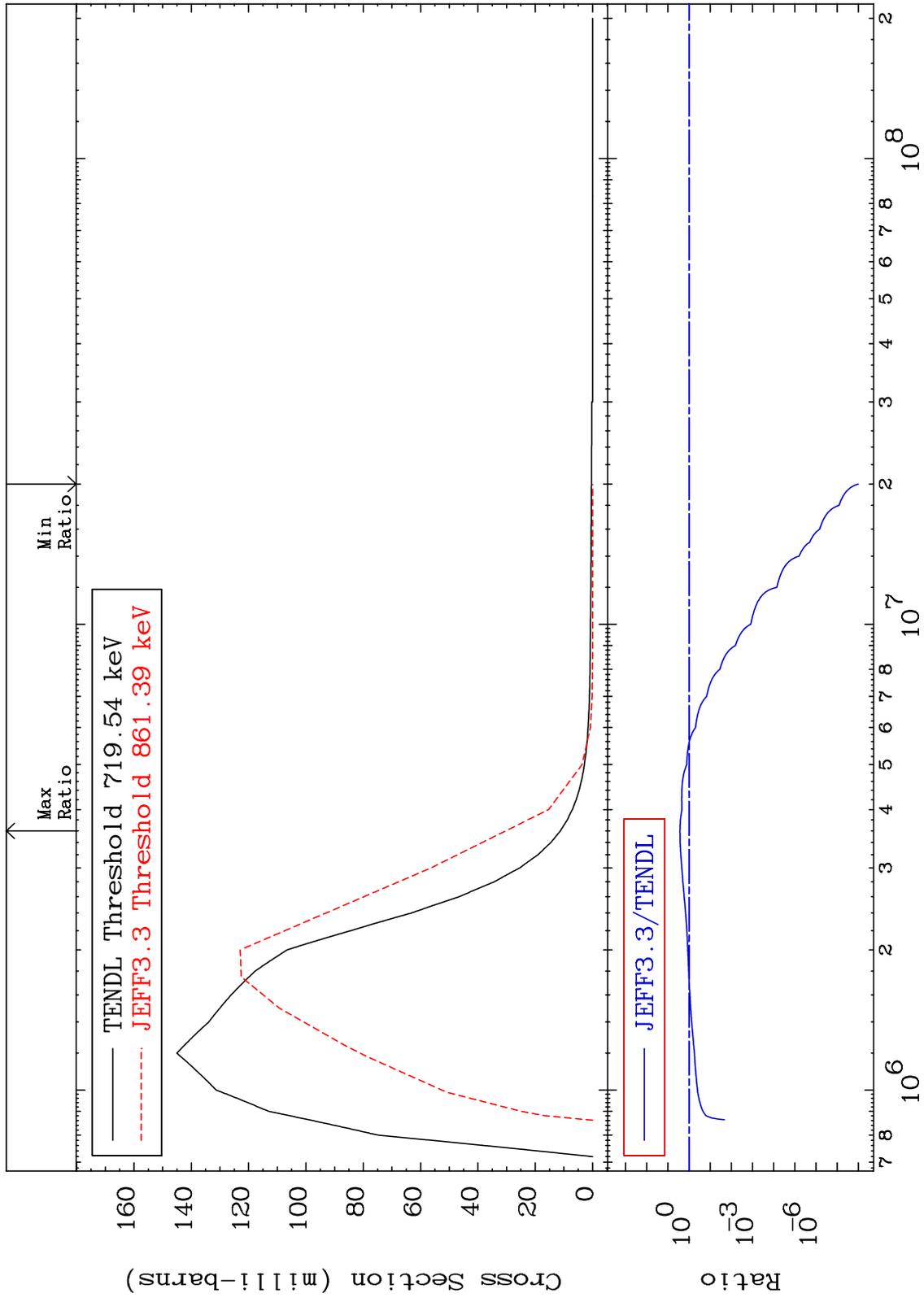
MAT 5640

MT= 54 (n,n') Level
Cross Section

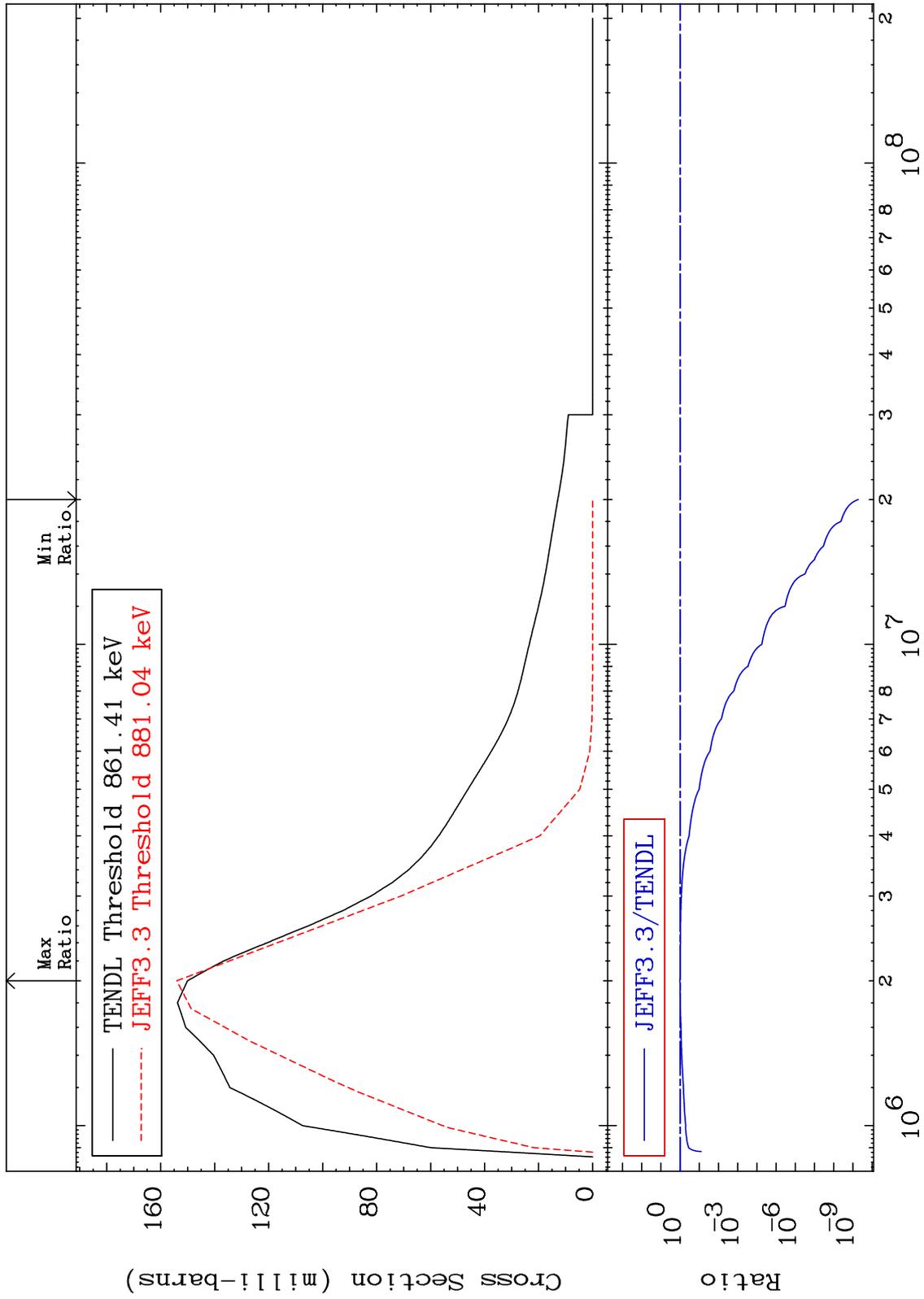
56-Ba-135
-98.60 To 206.1 %



MAT 5640 MT= 55 (n,n') Level Cross Section 56-Ba-135
 -100.0 To 170.2 %



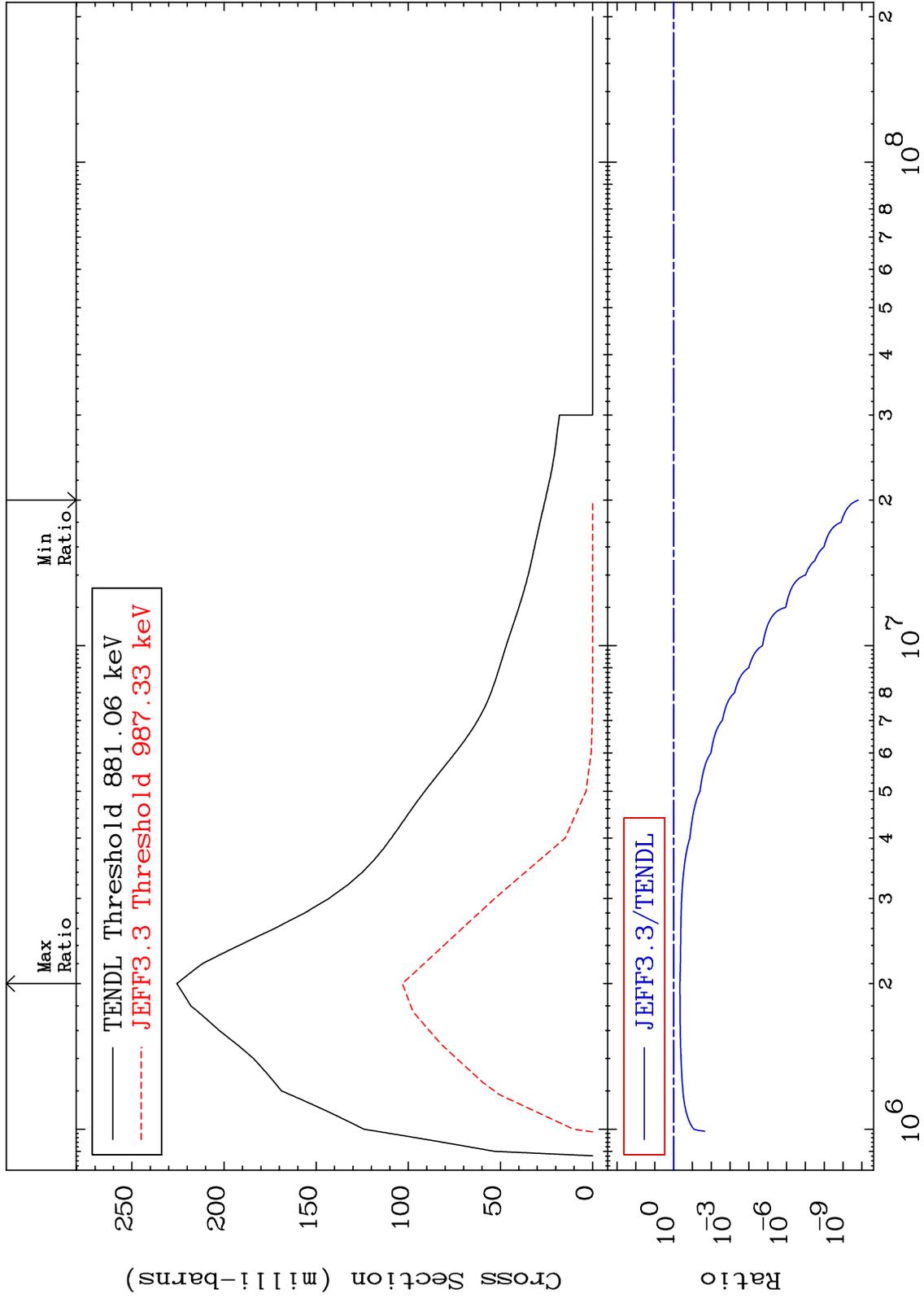
MAT 5640 MT= 56 (n, n') Level
Cross Section 56-Ba-135
-100.0 To 2.654 %



MAT 5640

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

56-Ba-135
-100.0 To -54.26%



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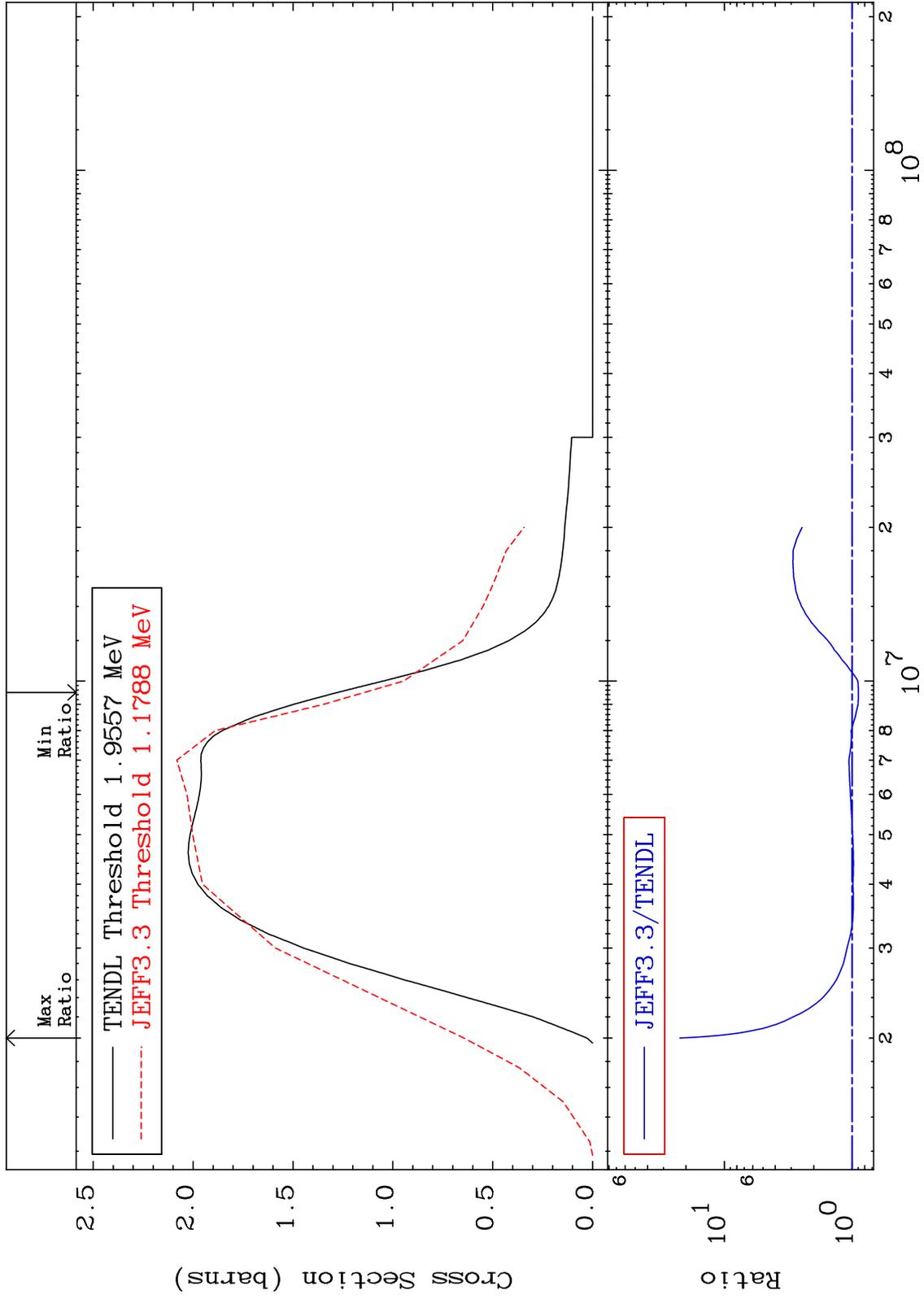
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-10.56 To 2130. %



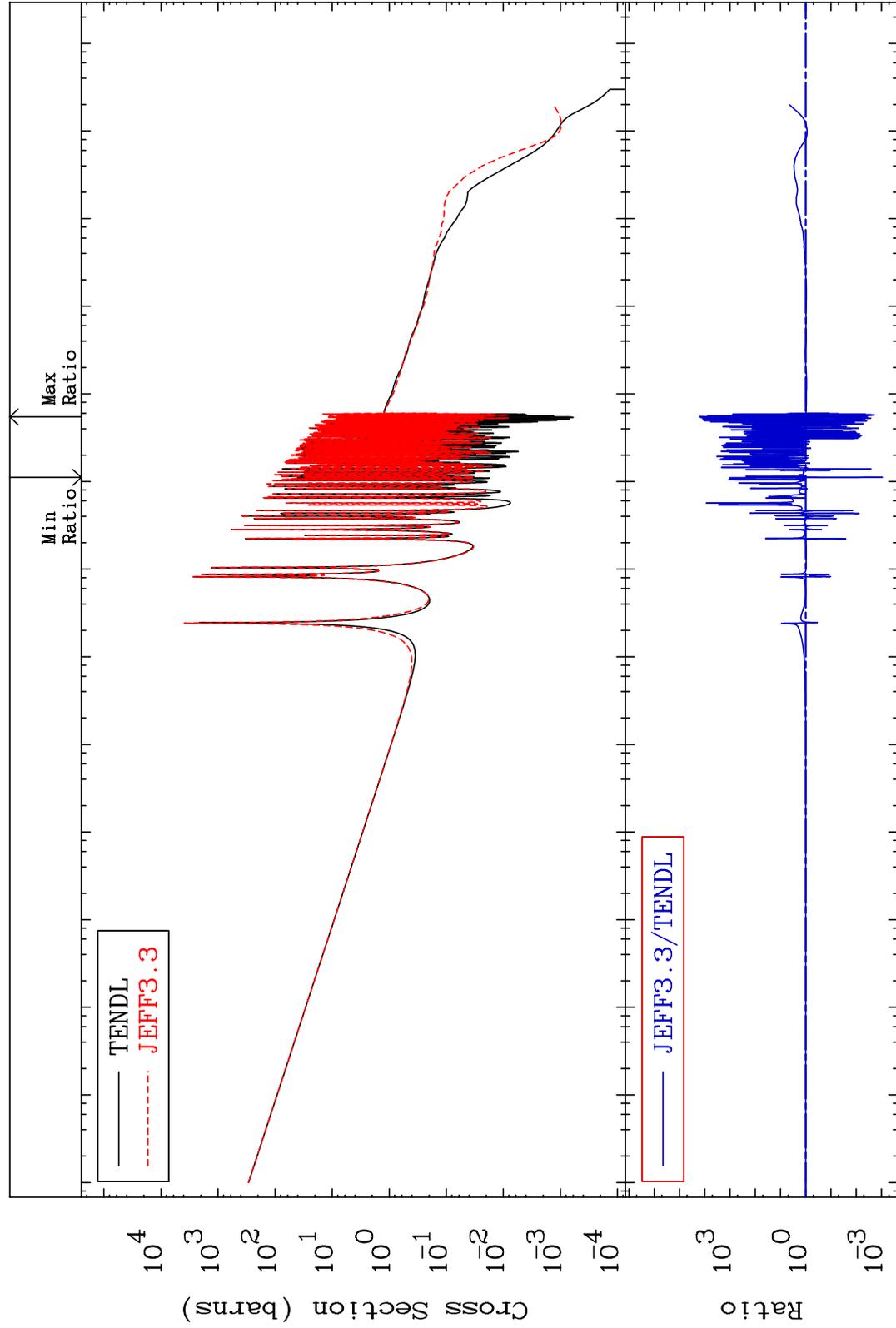
MAT 5640

56-Ba-135

(n, γ)

-99.91 To 9999. %

Cross Section



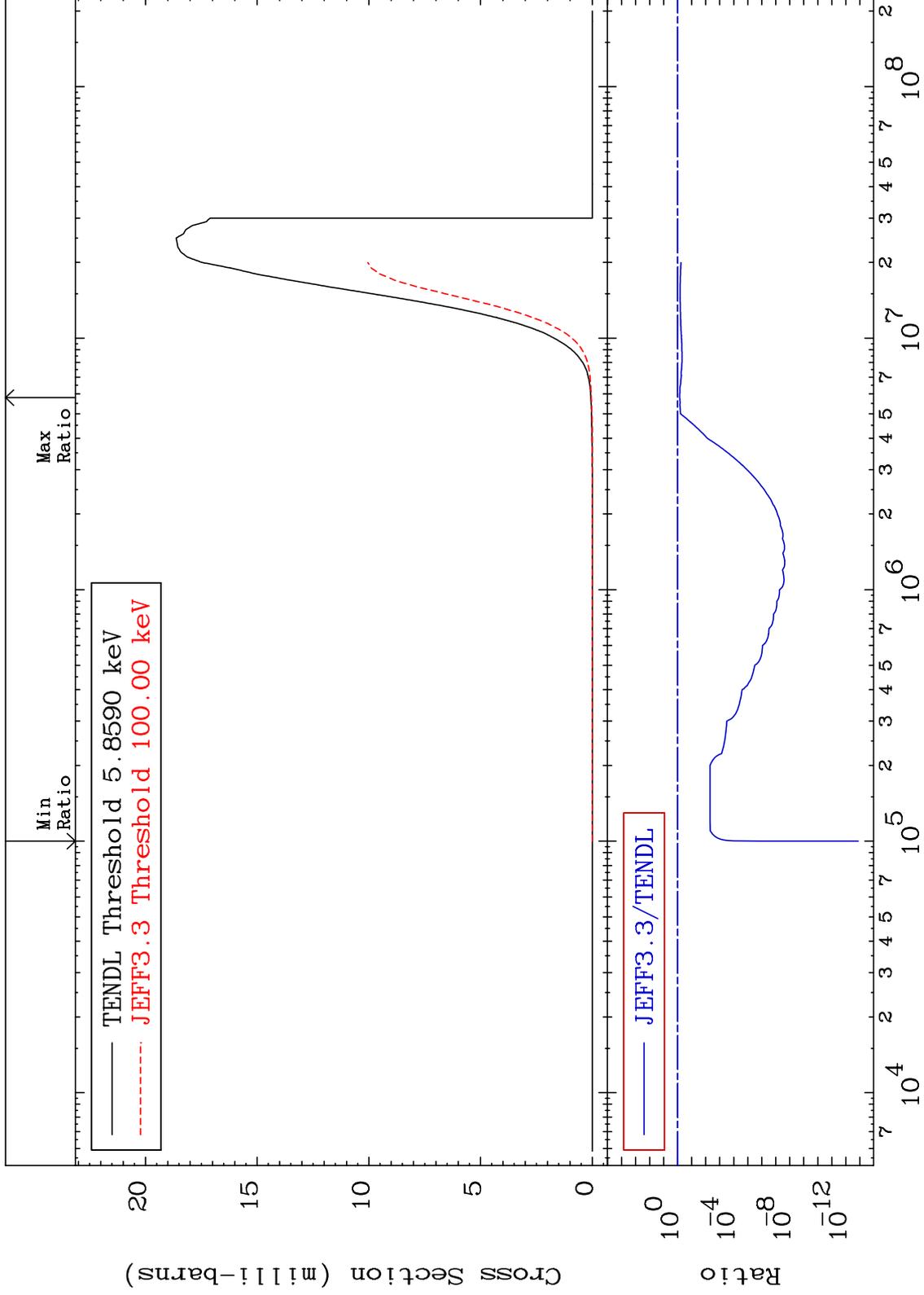
MAT 5640

(n, p)

56-Ba-135

Cross Section

-100.0 To -28.57%



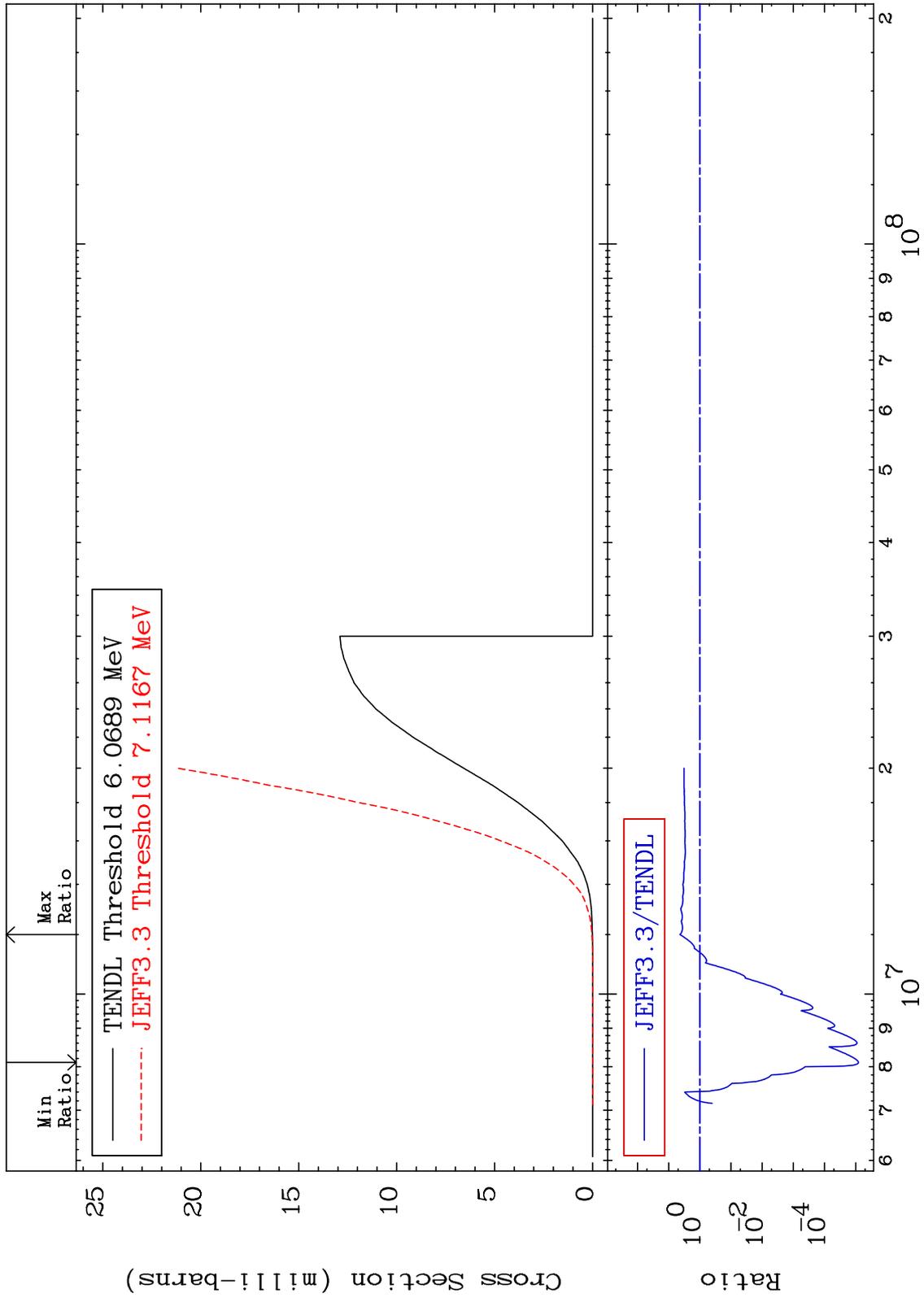
MAT 5640

(n, d)

56-Ba-135

Cross Section

-100.0 To 334.7 %



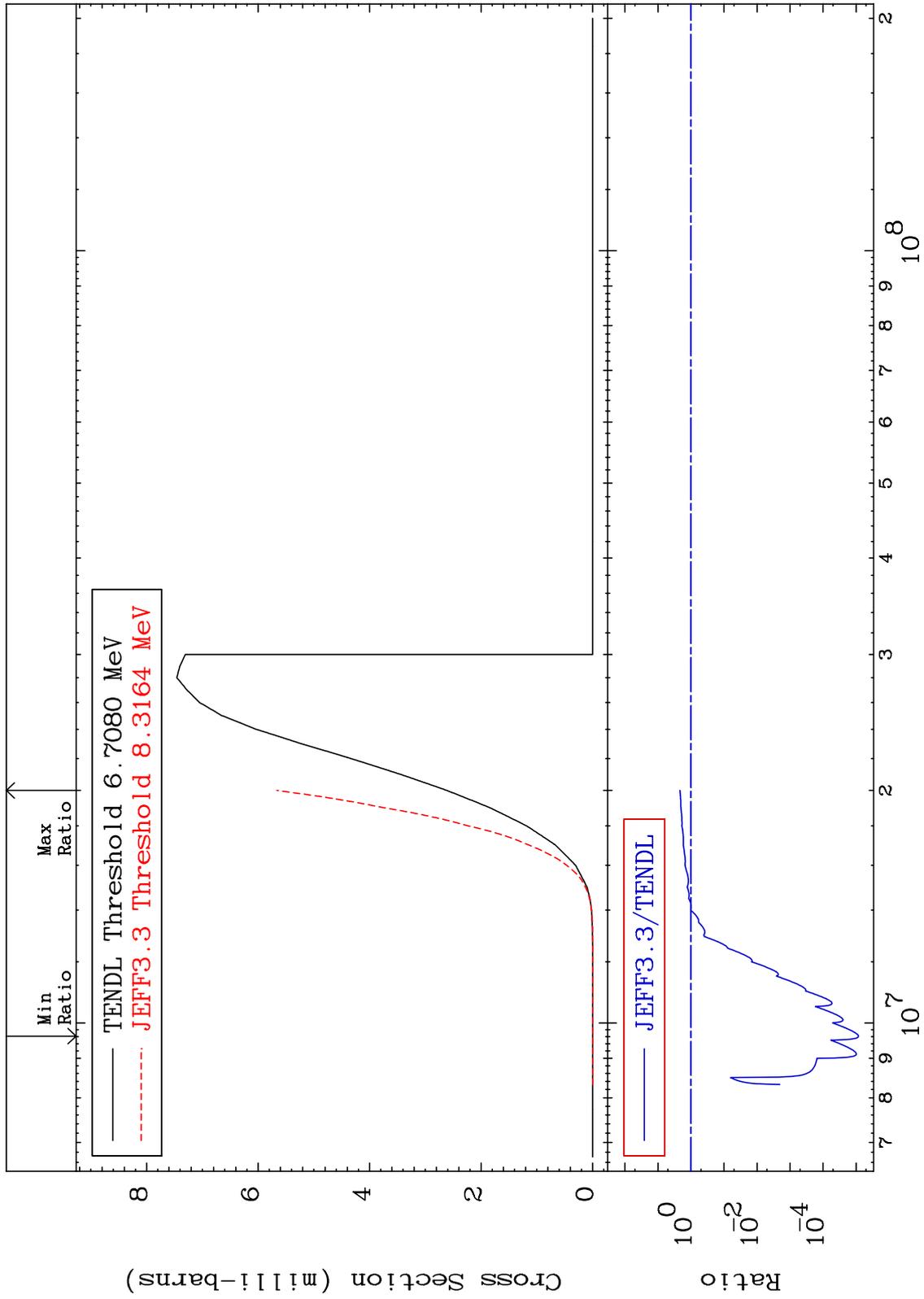
MAT 5640

(n, t)

56-Ba-135

Cross Section

-100.0 To 116.7 %



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Incident Energy (eV)

56-Ba-135

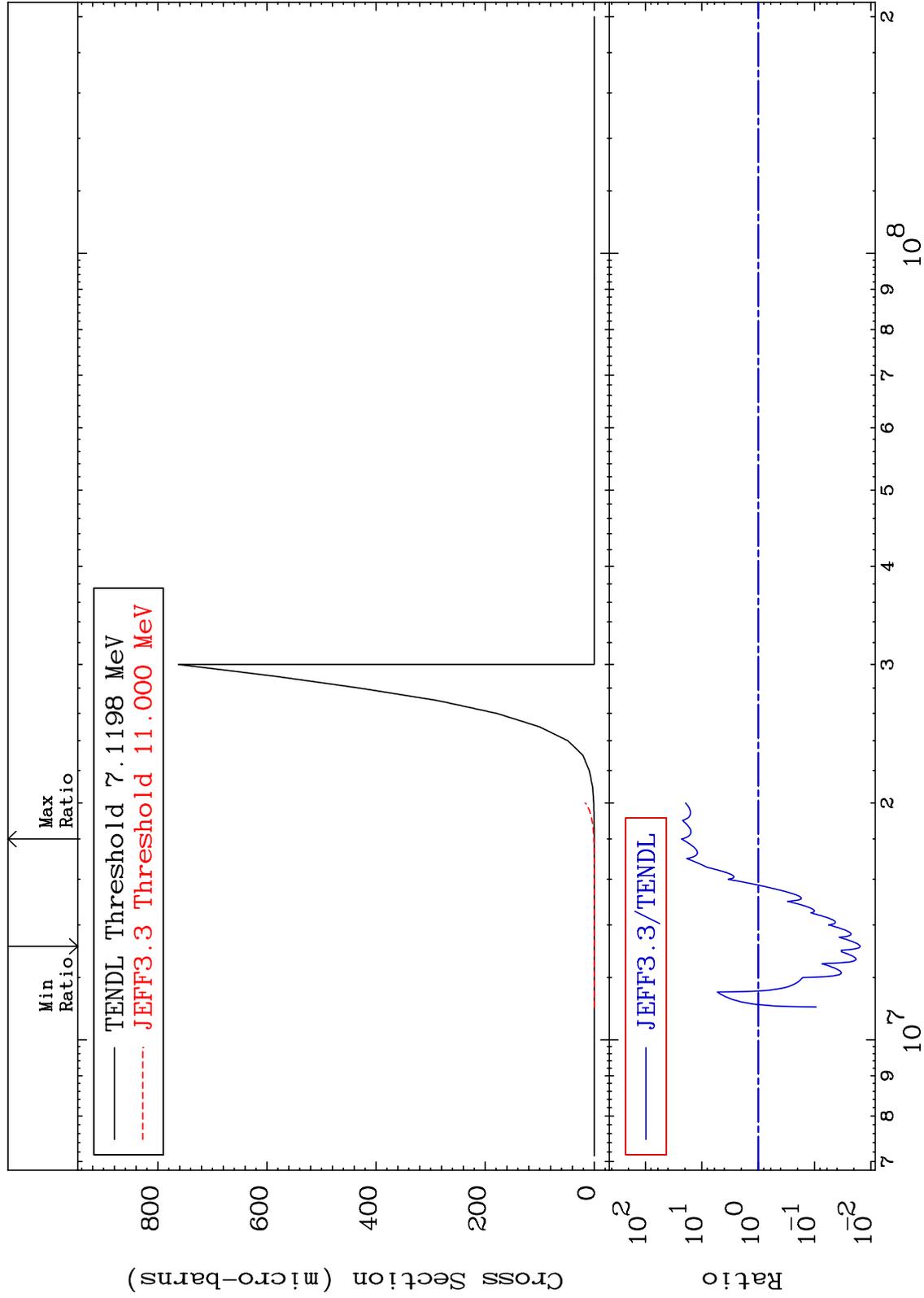
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.44 To 2191. %



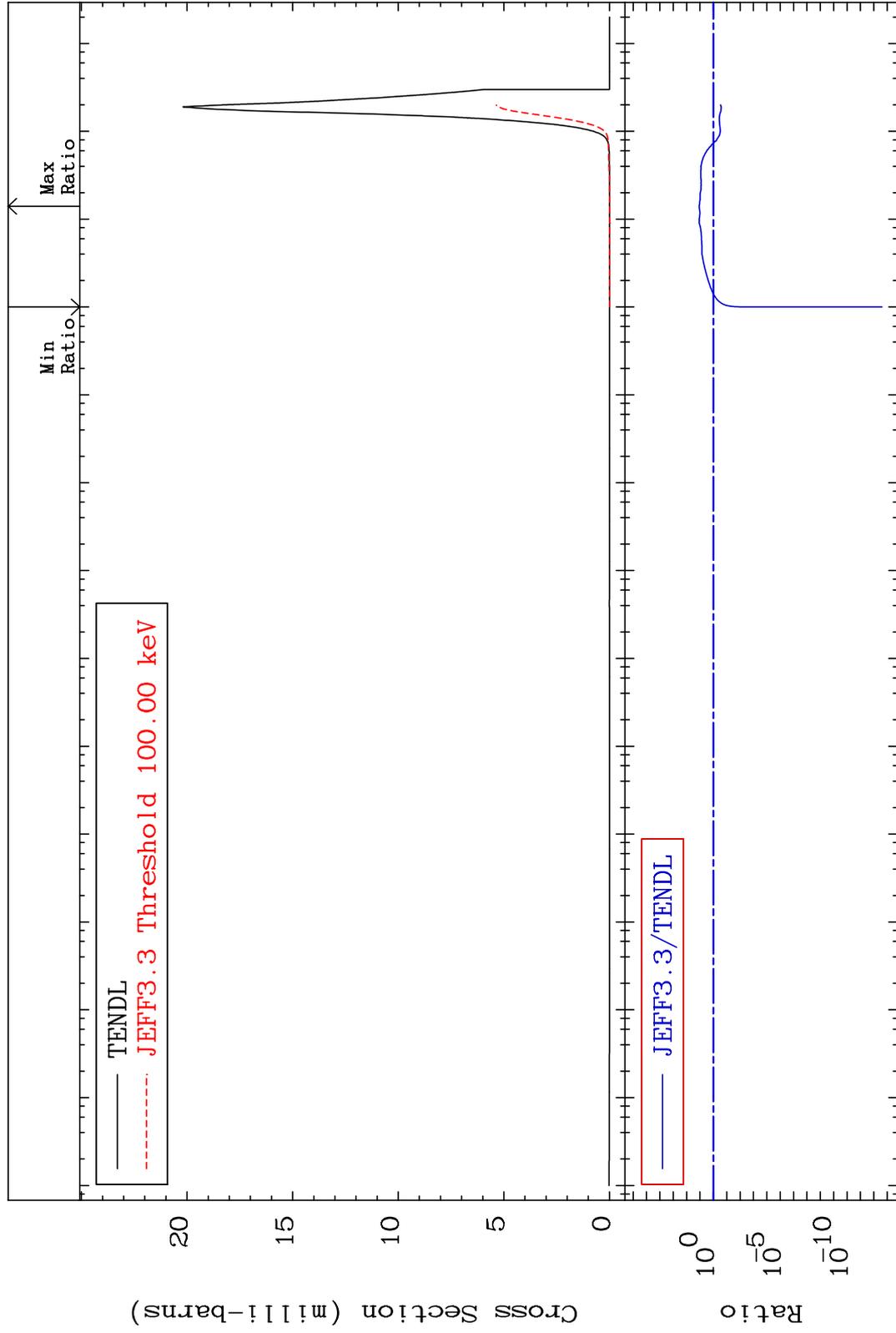
MAT 5640

(n, α)

56-Ba-135

Cross Section

-100.0 To 1070. %



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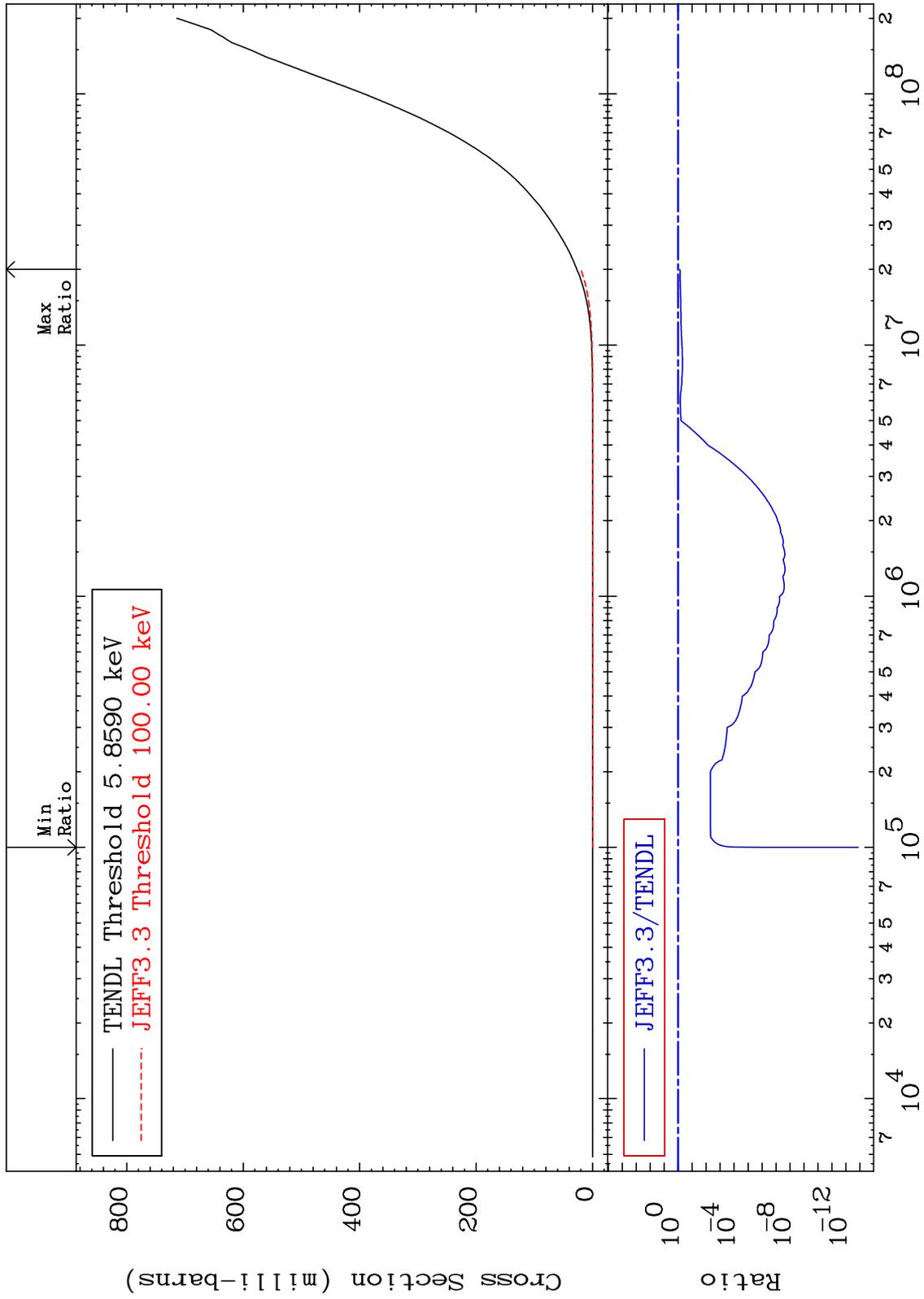
Incident Energy (eV)

56-Ba-135

MAT 5640

Hydrogen Production Cross Section

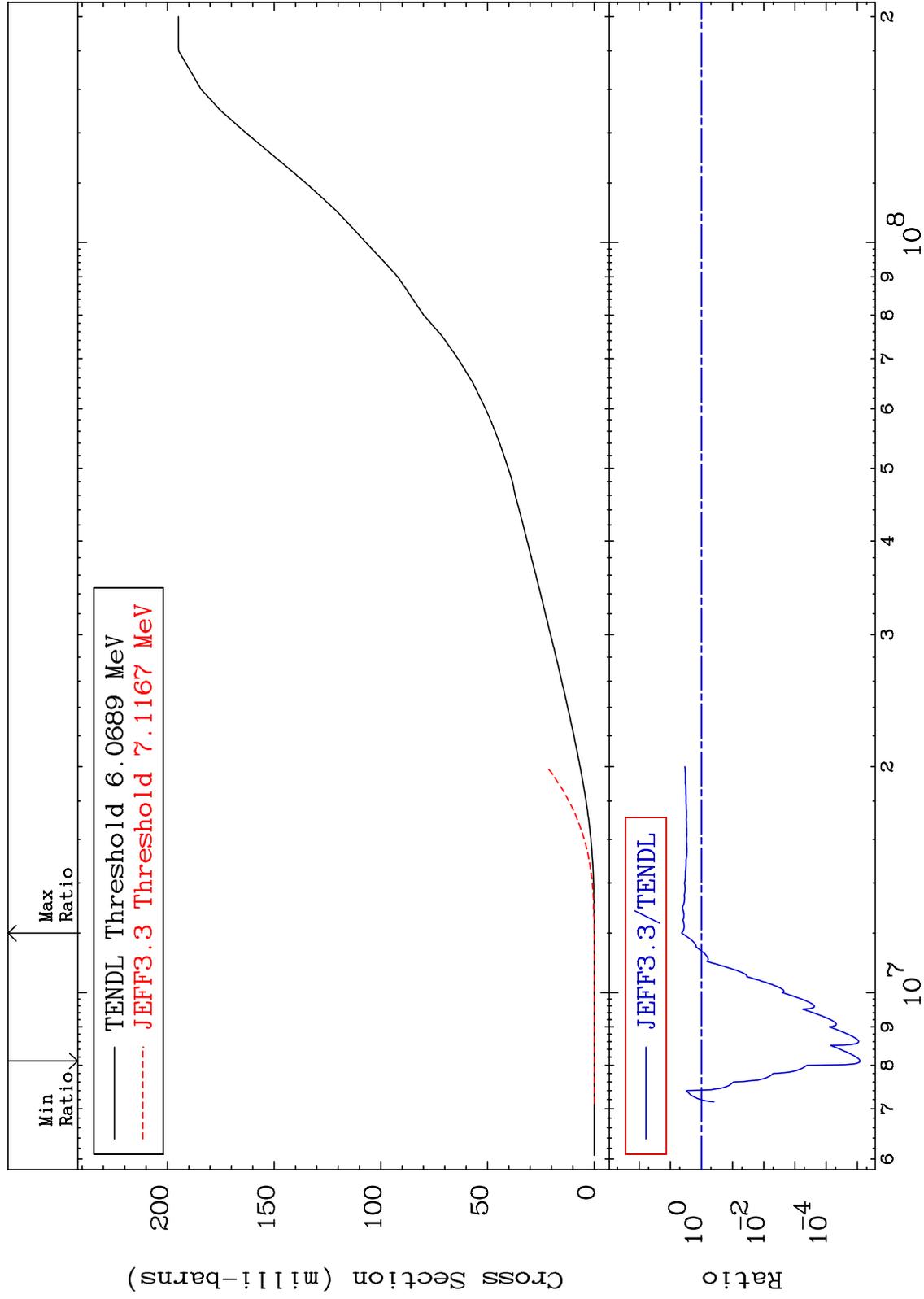
56-Ba-135
-100.0 To -25.27%



MAT 5640

Deuterium Production
Cross Section

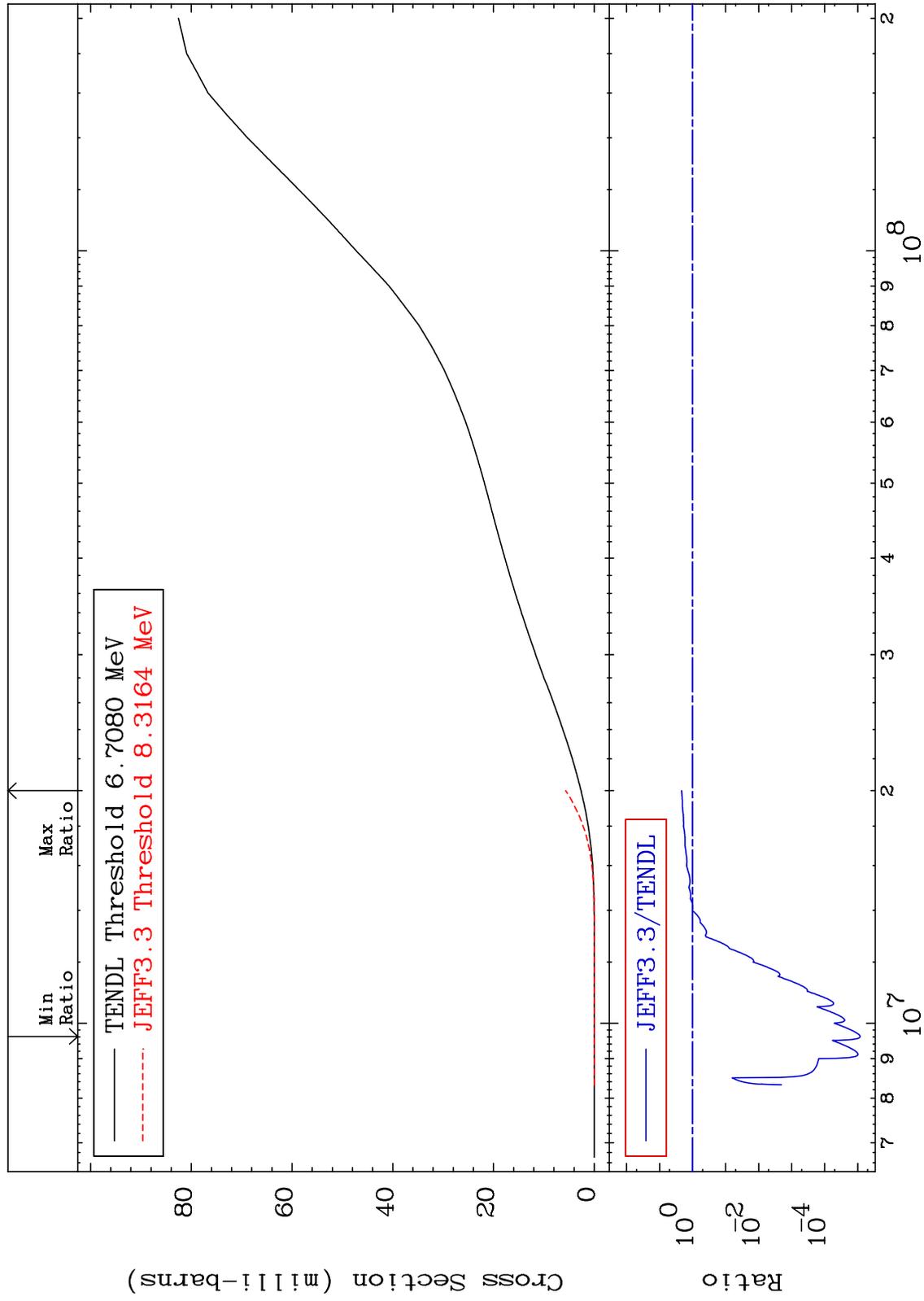
56-Ba-135
-100.0 To 334.7 %



MAT 5640

Tritium Production
Cross Section

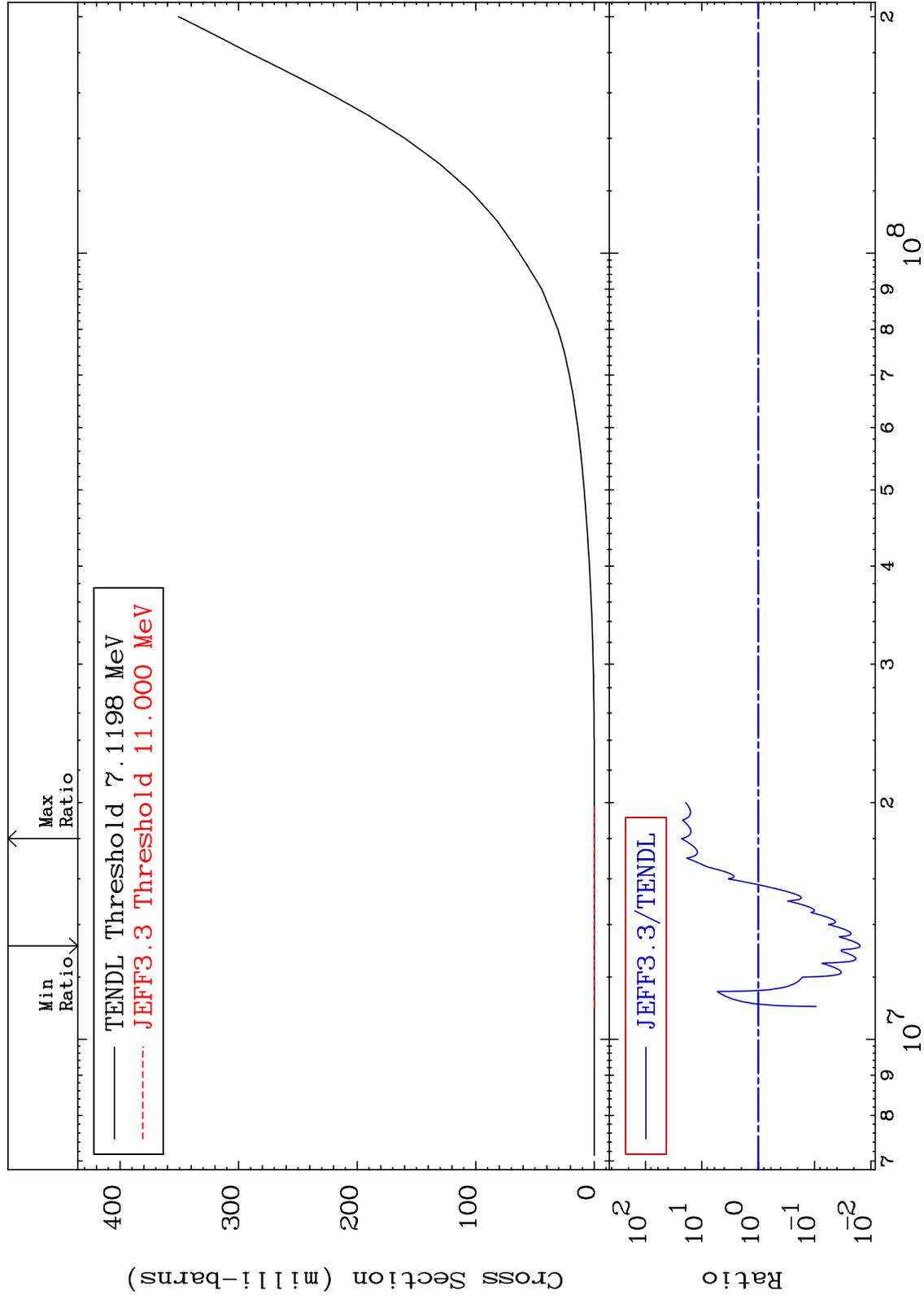
56-Ba-135
-100.0 To 116.7 %



MAT 5640

He-3 Production
Cross Section

56-Ba-135
-98.44 To 2191. %



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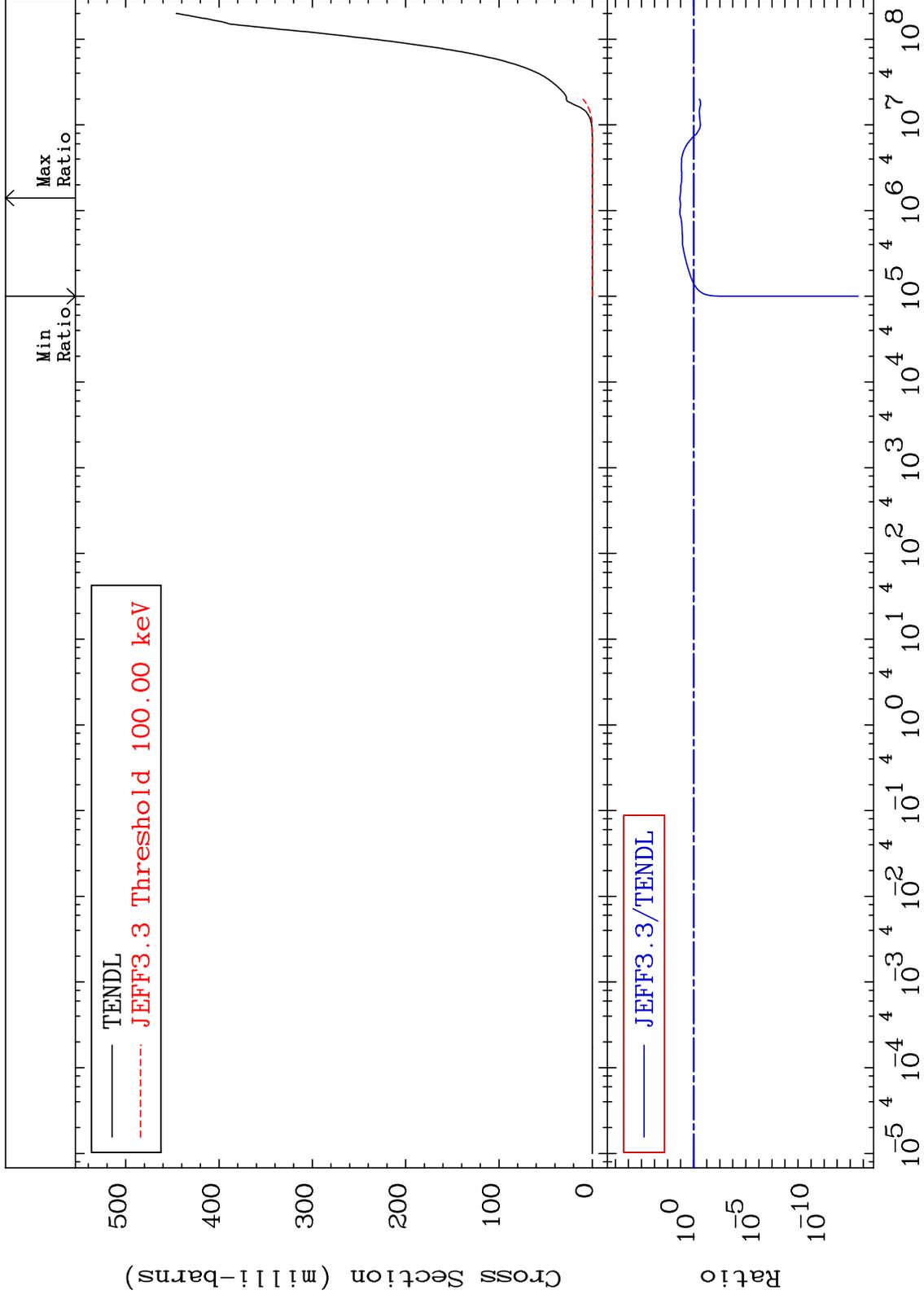
Incident Energy (eV)

56-Ba-135

MAT 5640

He-4 Production
Cross Section

56-Ba-135
-100.0 To 1070. %

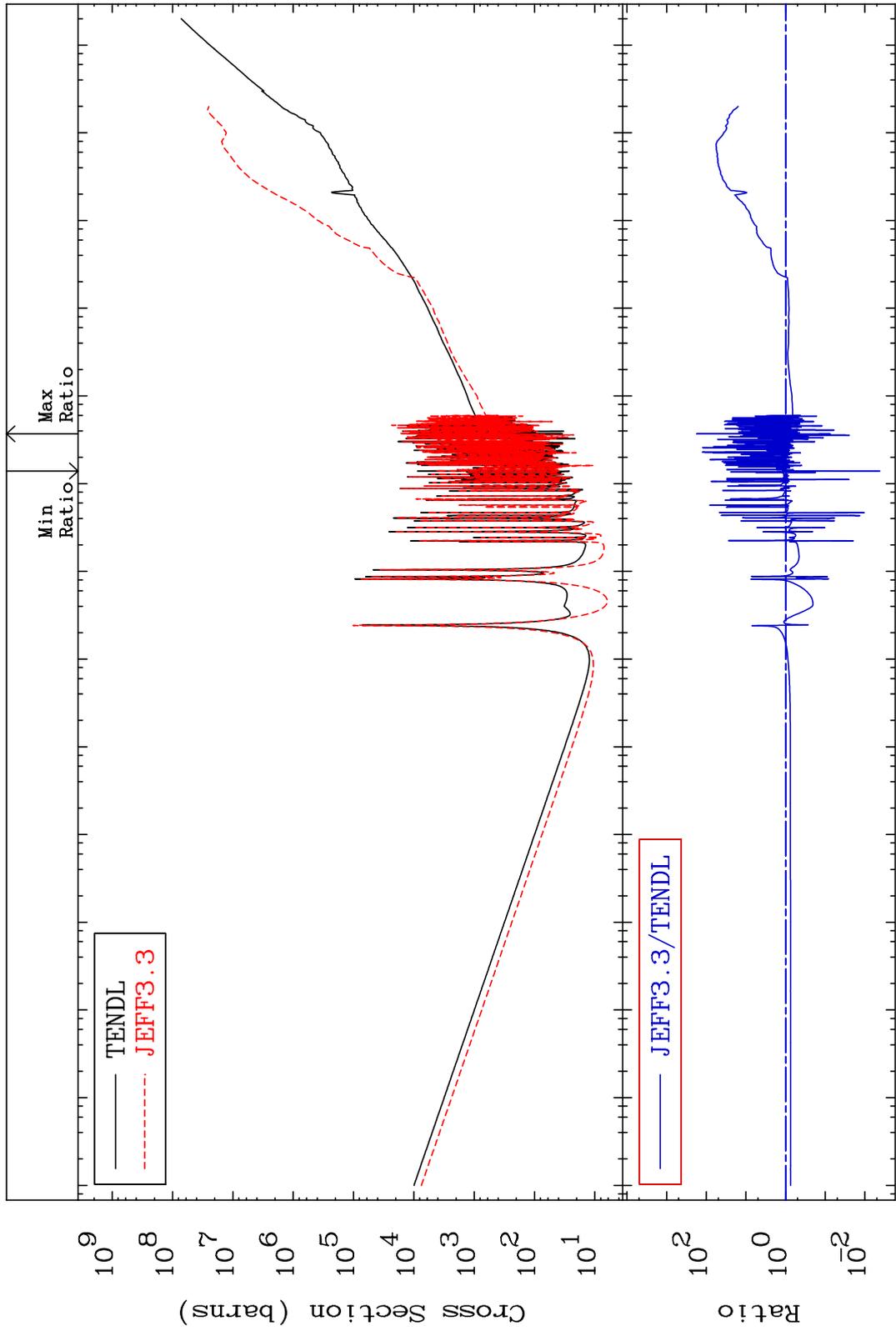


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Incident Energy (eV)

56-Ba-135

MAT 5640 Kerma total (eV-barns) 56-Ba-135
 Cross Section -99.57 To 9999. %

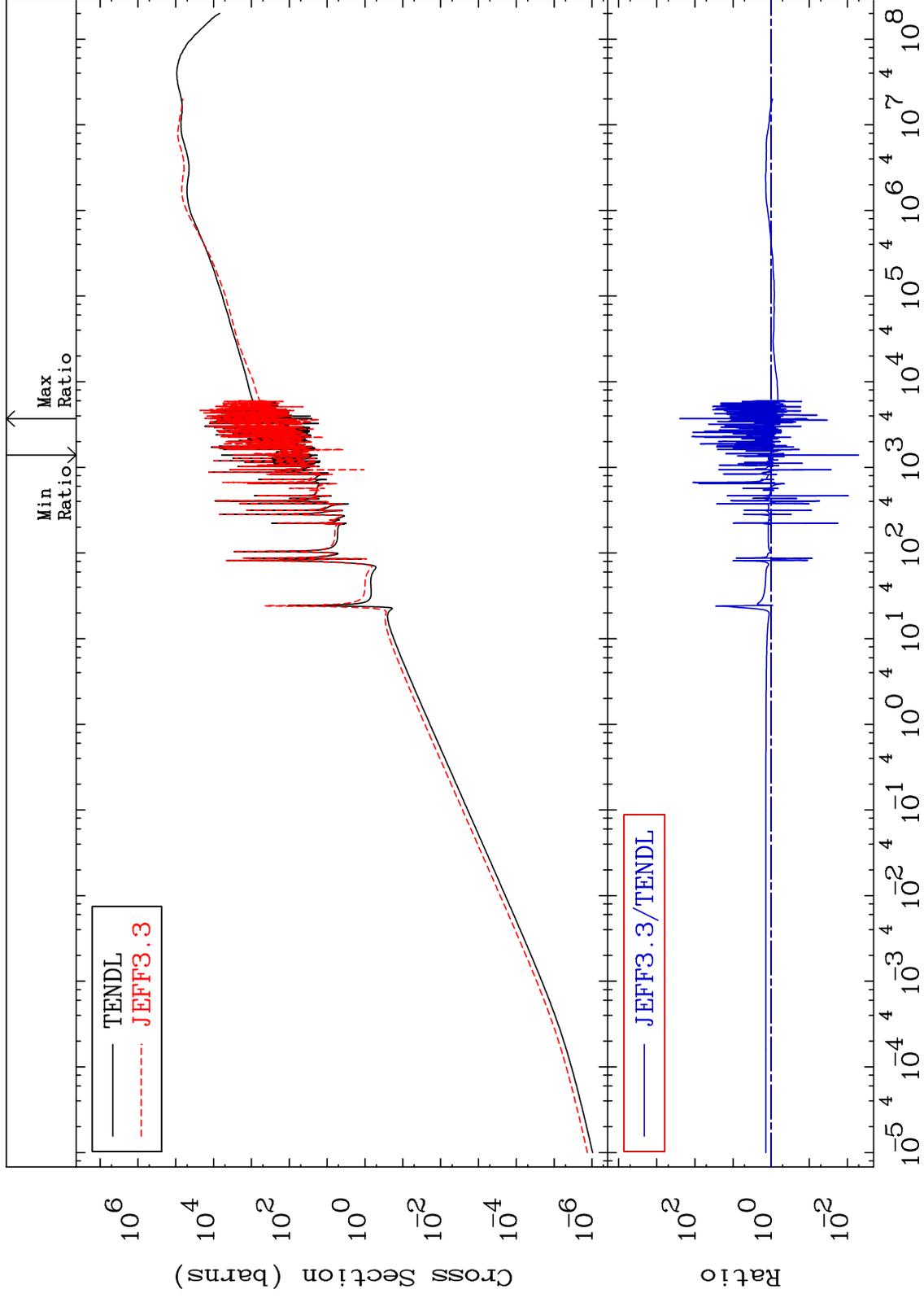


Incident Energy (eV) 56-Ba-135

MAT 5640

Kerma elastic
Cross Section

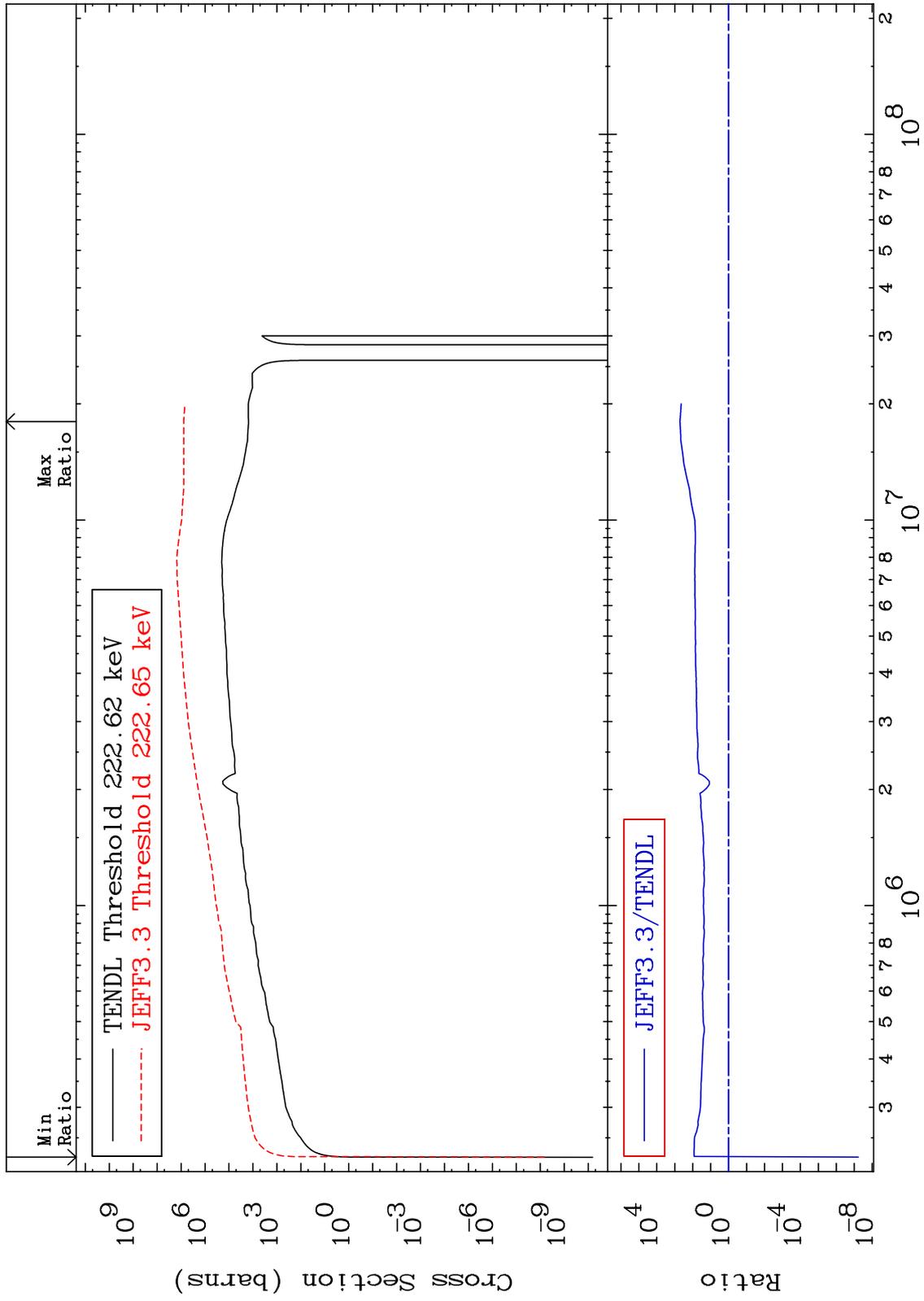
56-Ba-135
-99.49 To 9999. %



MAT 5640

Kerma inelastic (mt51-91)
Cross Section

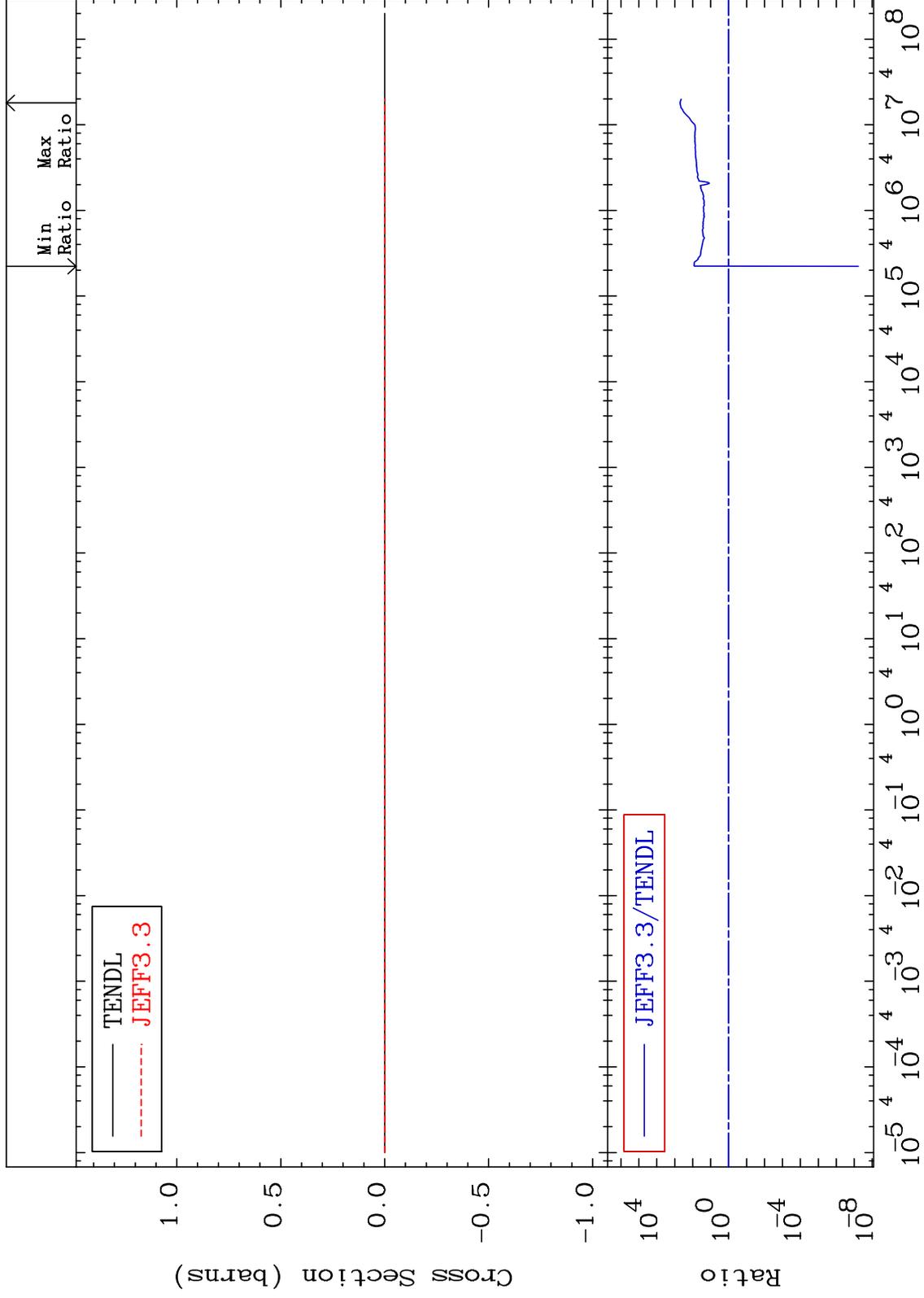
56-Ba-135
-100.0 To 9999. %



MAT 5640

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

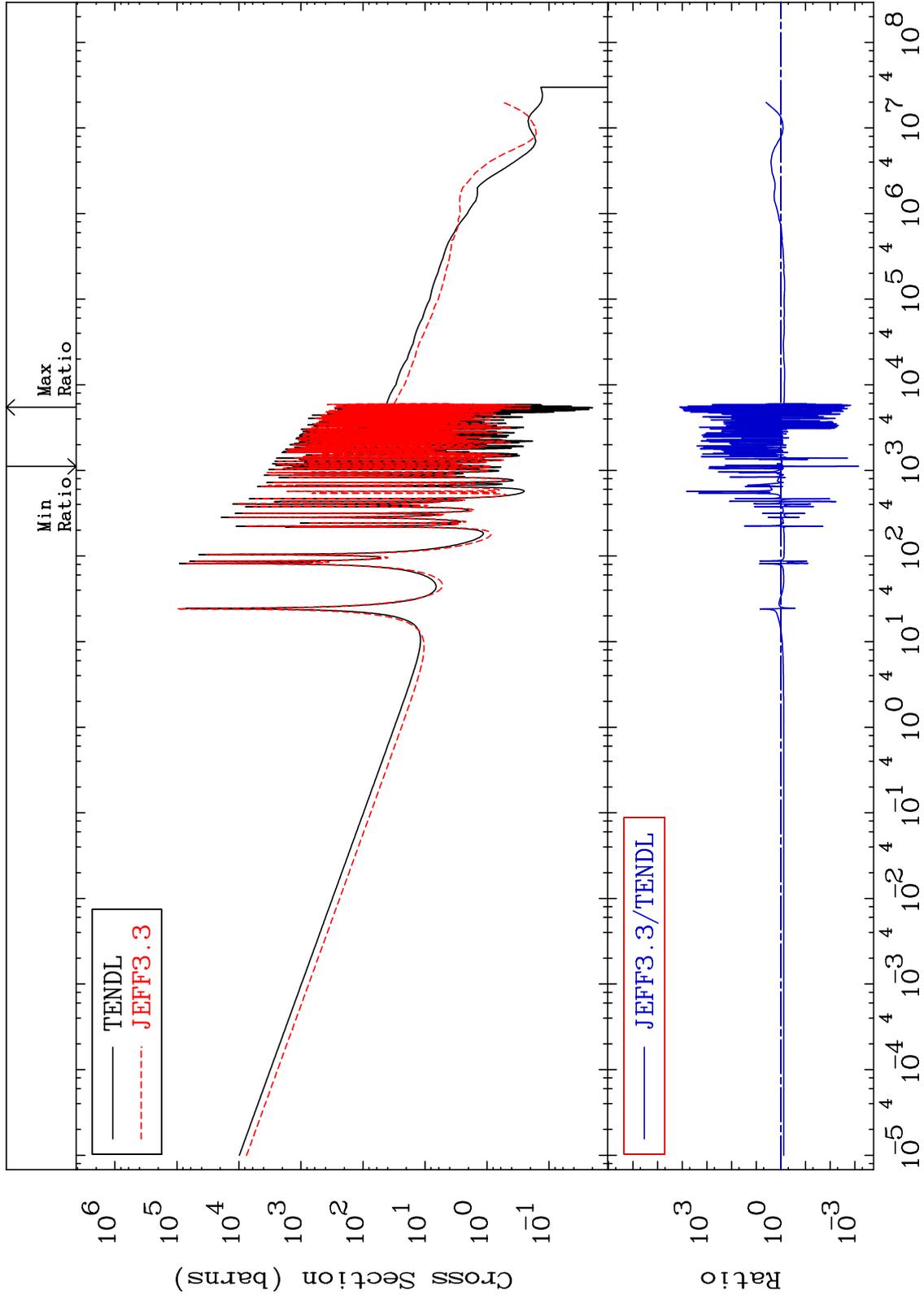
56-Ba-135
-100.0 To 9999. %



MAT 5640

Kerma capture (mt102)
Cross Section

56-Ba-135
-99.93 To 9999. %

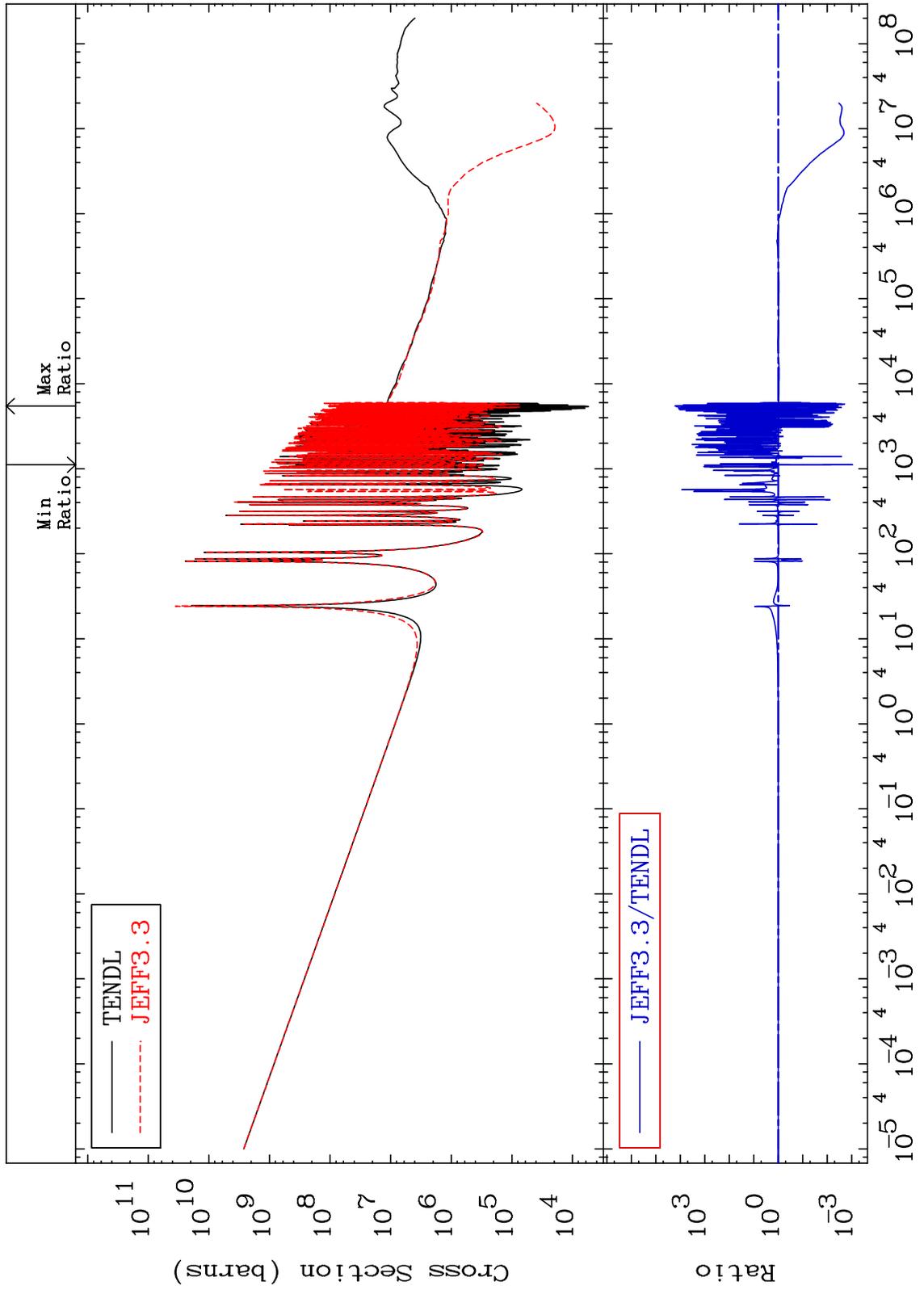


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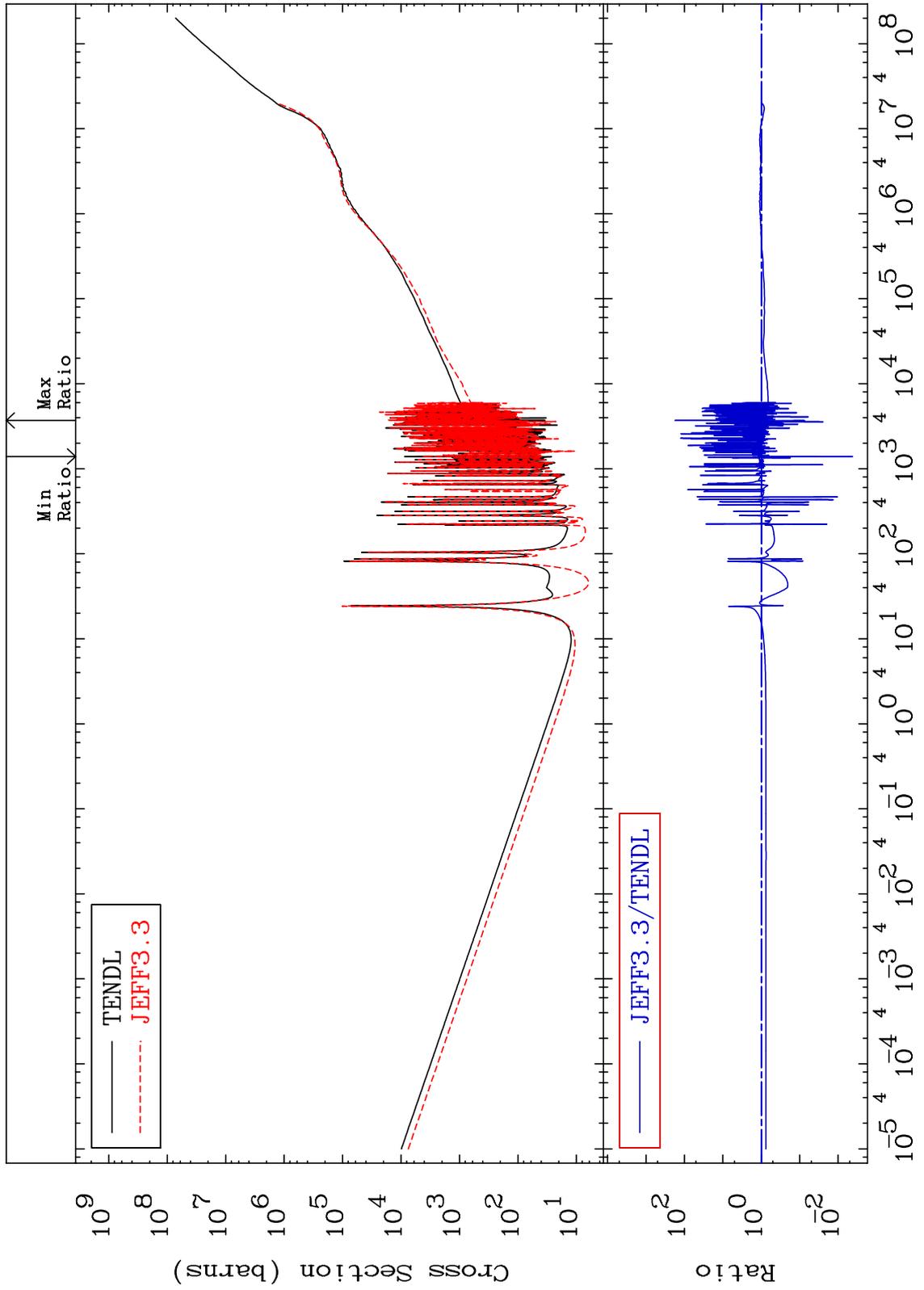
Incident Energy (eV)

56-Ba-135

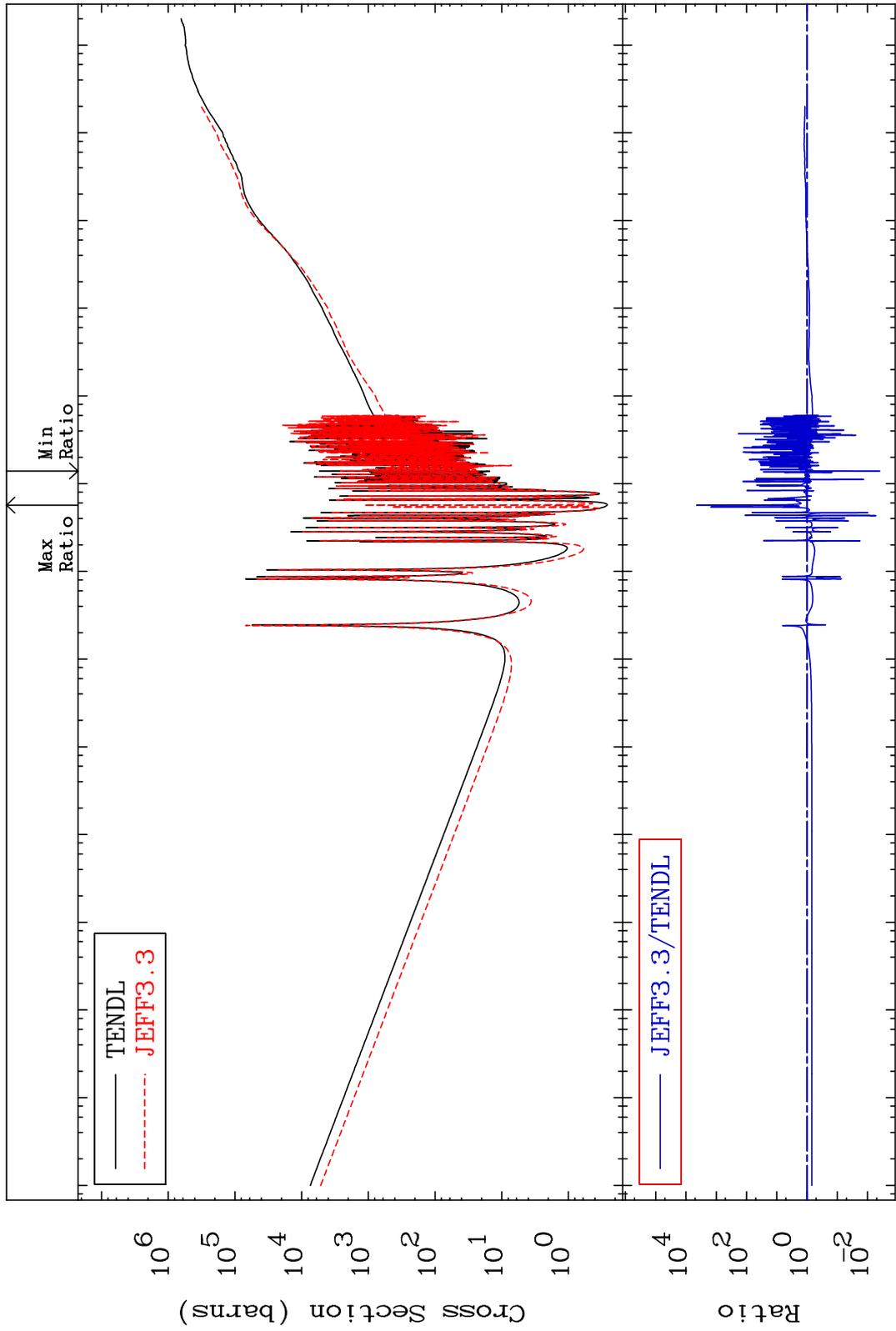
MAT 5640 Total photon (eV-barns) Cross Section 56-Ba-135
 -99.91 To 9999. %



MAT 5640 Total kinematic kerma (high limit) 56-Ba-135
Cross Section -99.57 To 9999. %



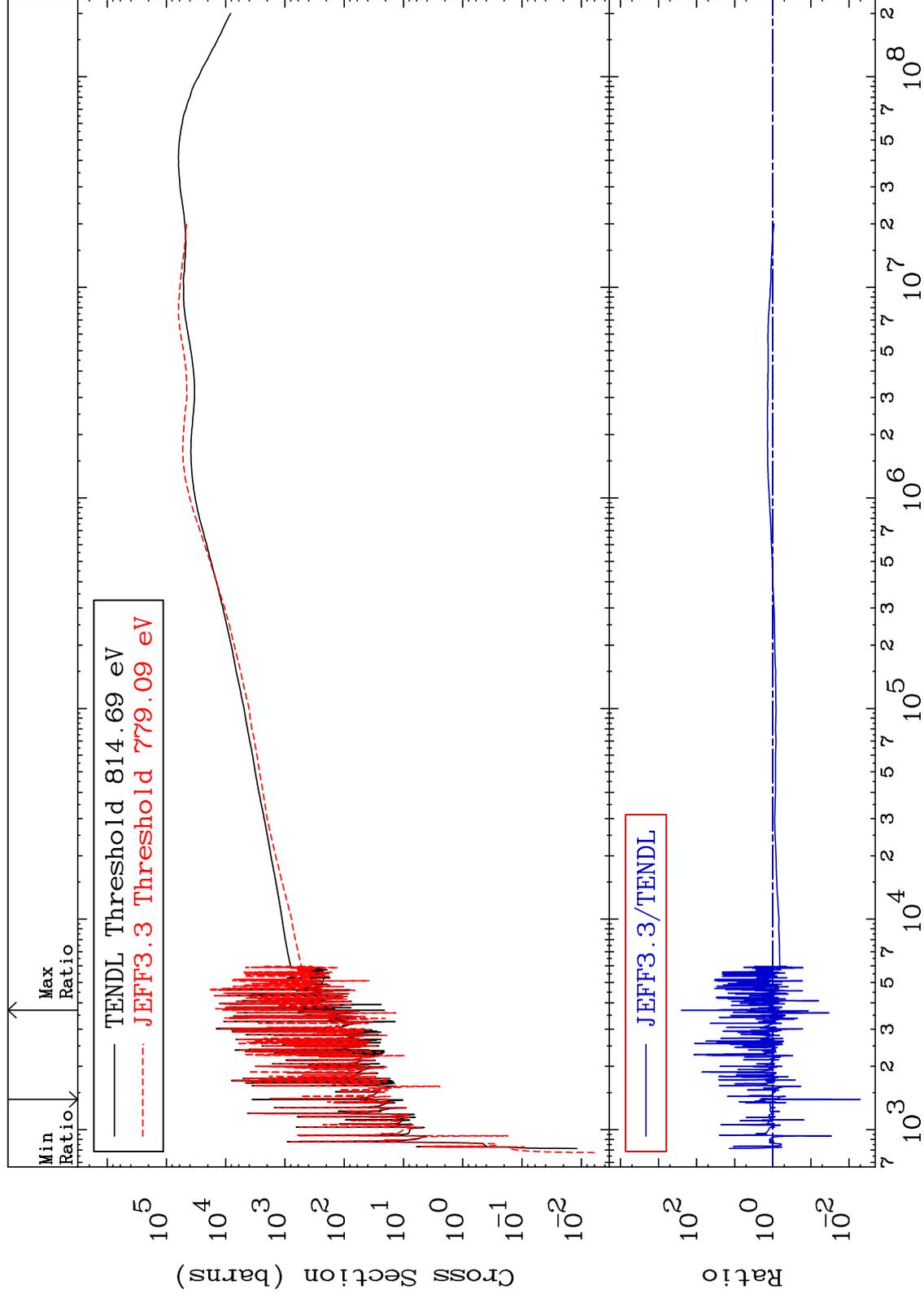
MAT 5640 Dpa total (eV-barns) 56-Ba-135
 -99.60 To 9999. %
 Cross Section



MAT 5640

Dpa elastic (mt2)
Cross Section

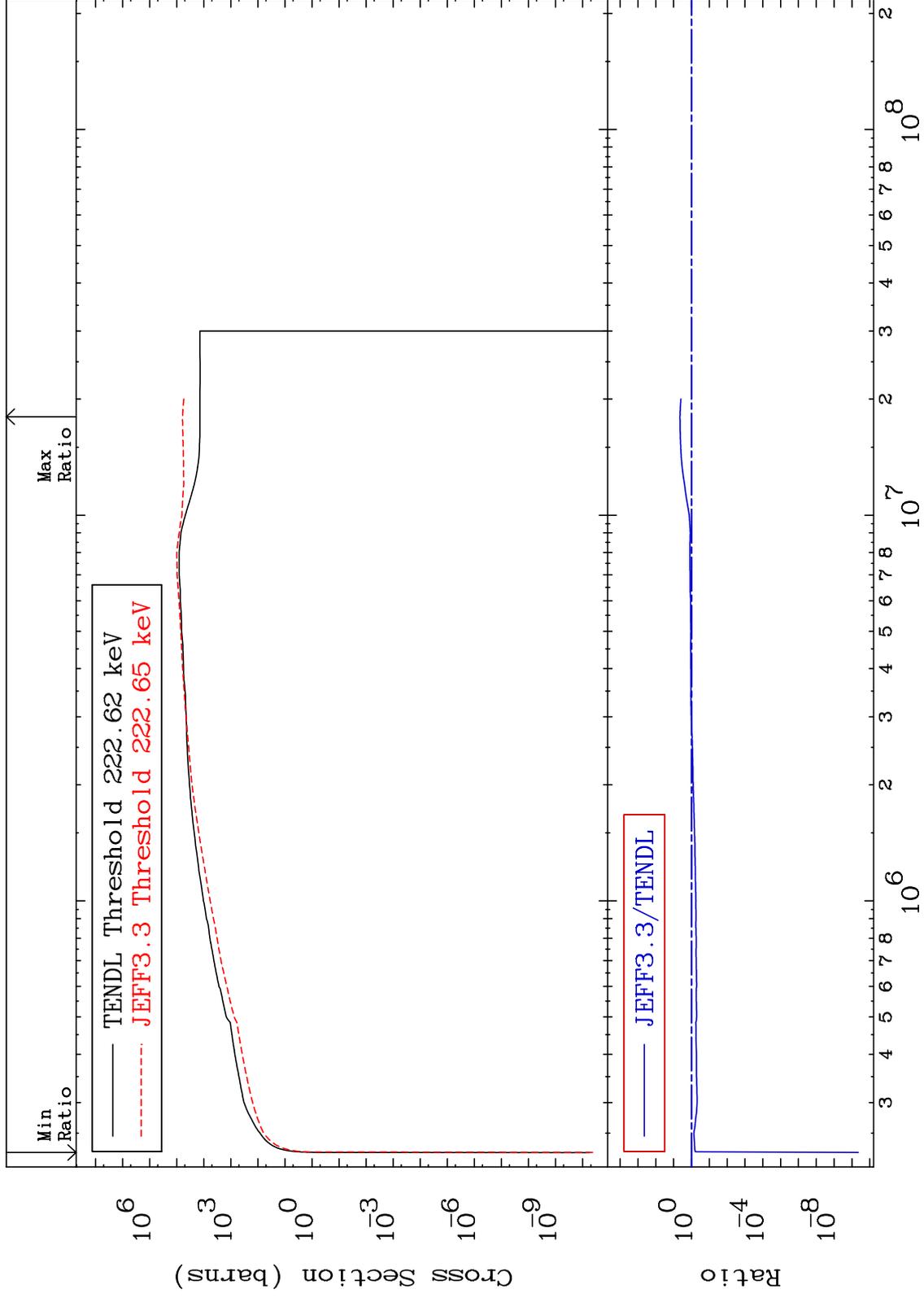
56-Ba-135
-99.49 To 9999. %



MAT 5640

Dpa inelastic (mt51-91)
Cross Section

56-Ba-135
-100.0 To 343.3 %



MAT 5640

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-135
-99.93 To 9999. %

