

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

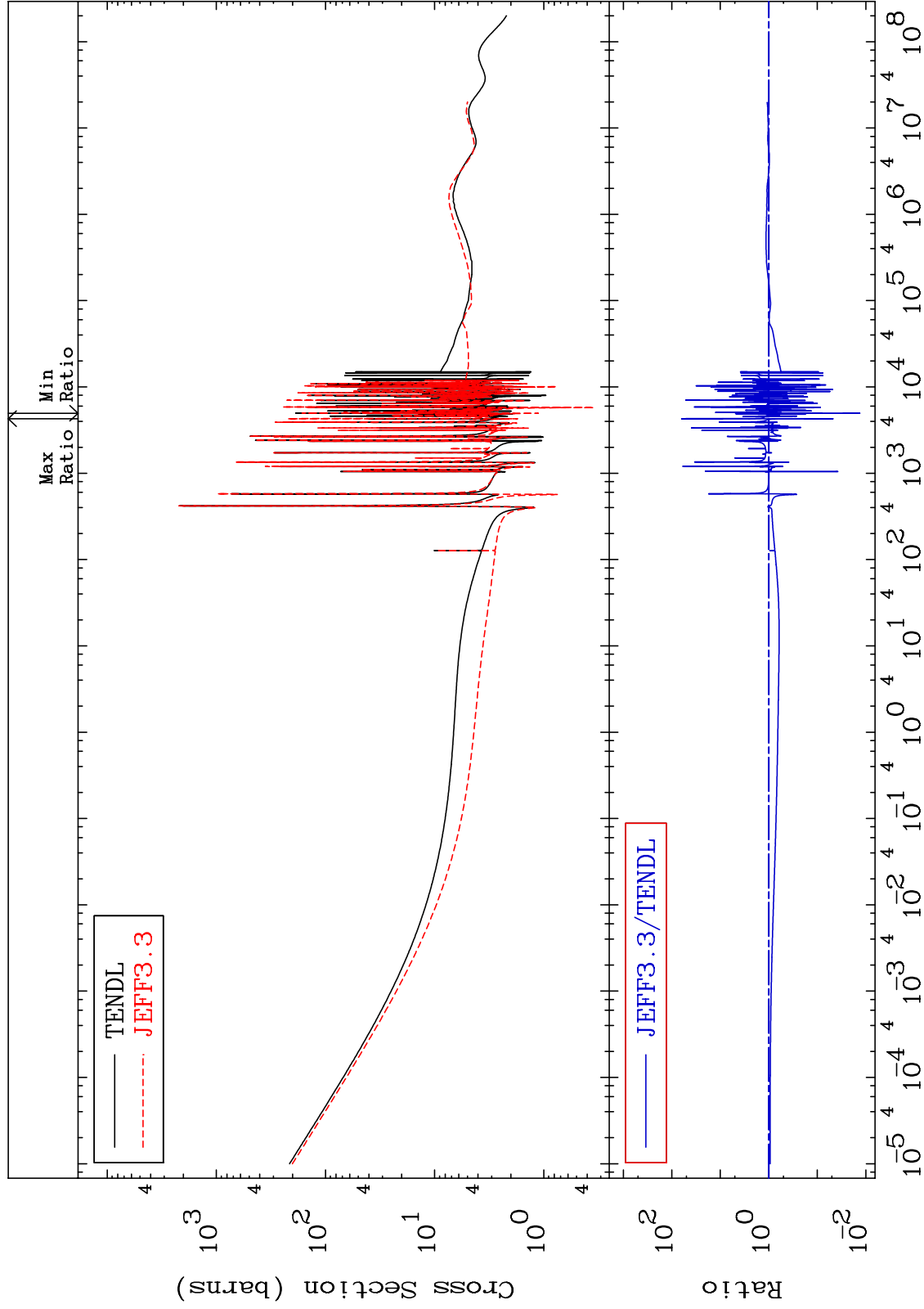
MAT 5646

Total

56-Ba-137

Cross Section

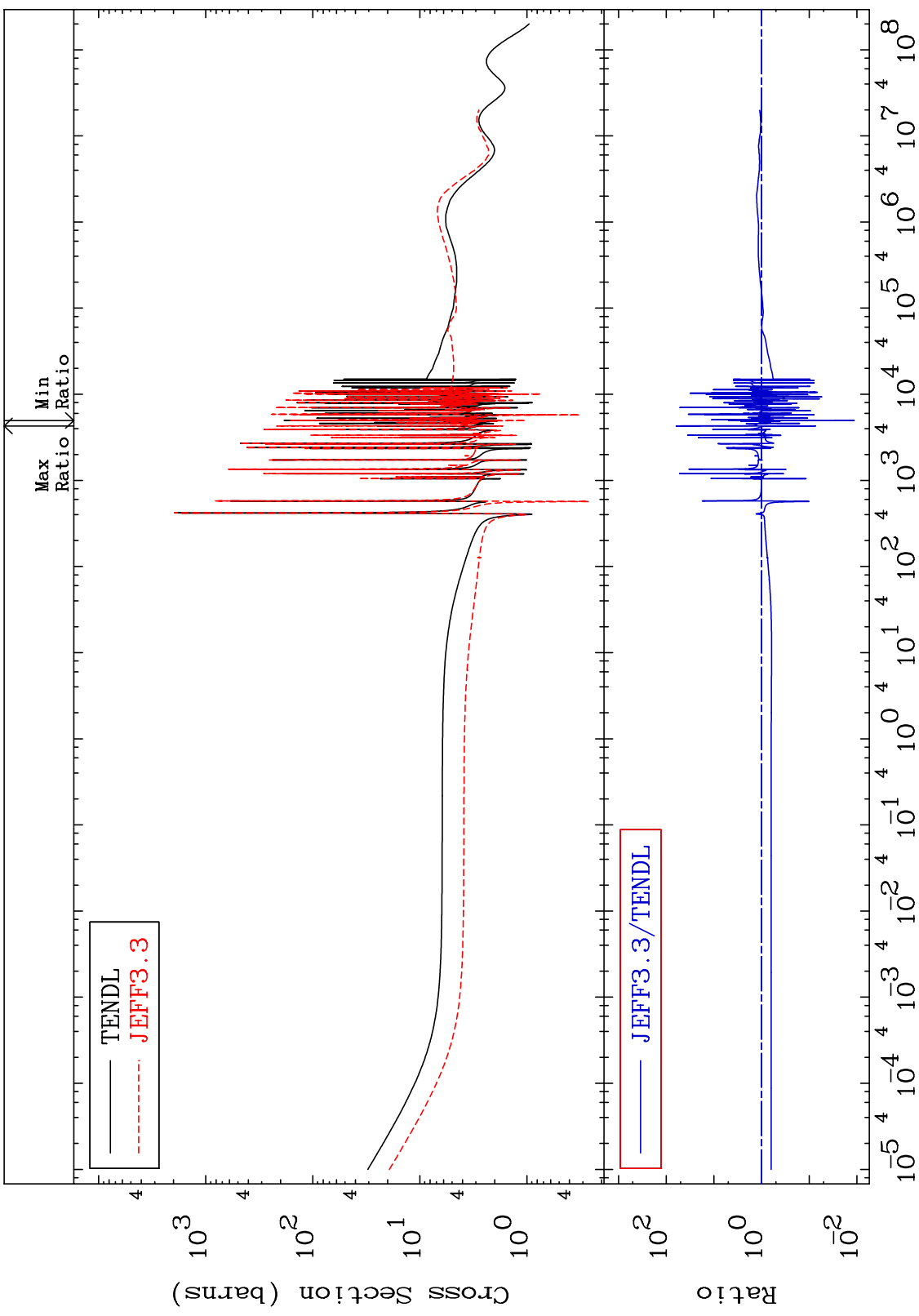
-98.67 To 6222. %



Incident Energy (eV)

56-Ba-137

MAT 5646 Elastic Cross Section 56-Ba-137 -98.86 To 6083. %

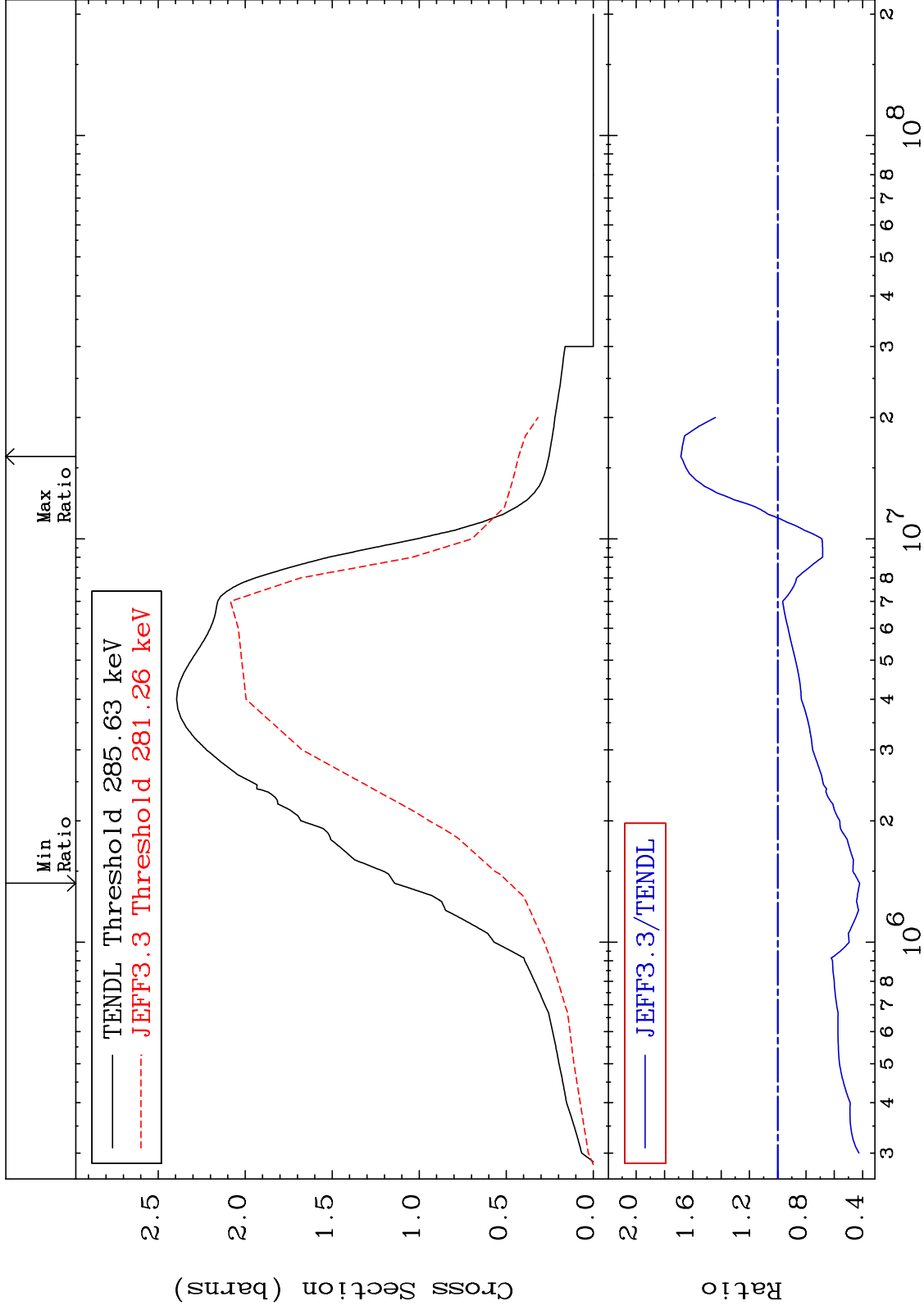


Incident Energy (eV) 56-Ba-137

MAT 5646

Inelastic
Cross Section

56-Ba-137
-57.88 To 68.48 %

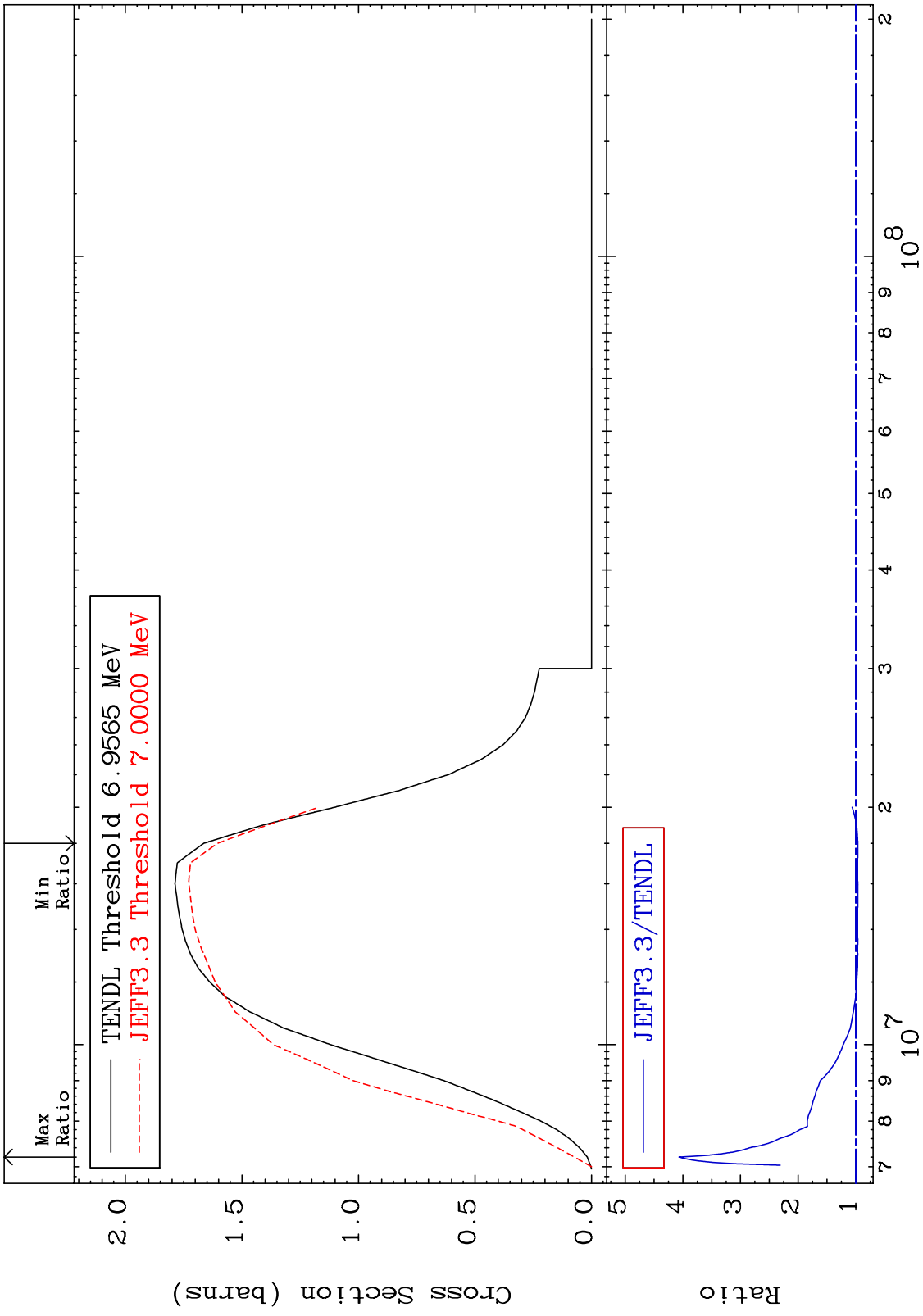


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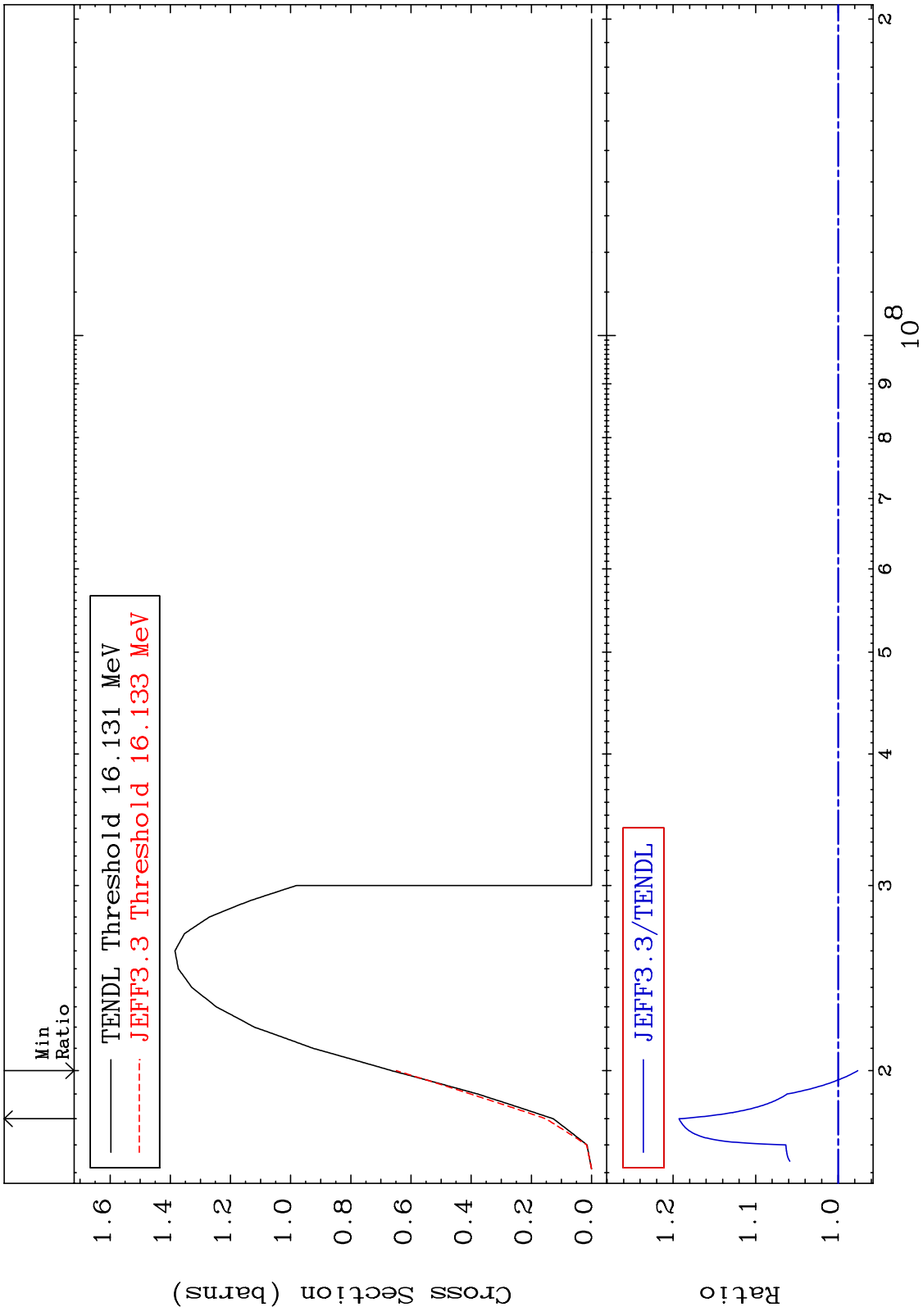
Incident Energy (eV)

56-Ba-137

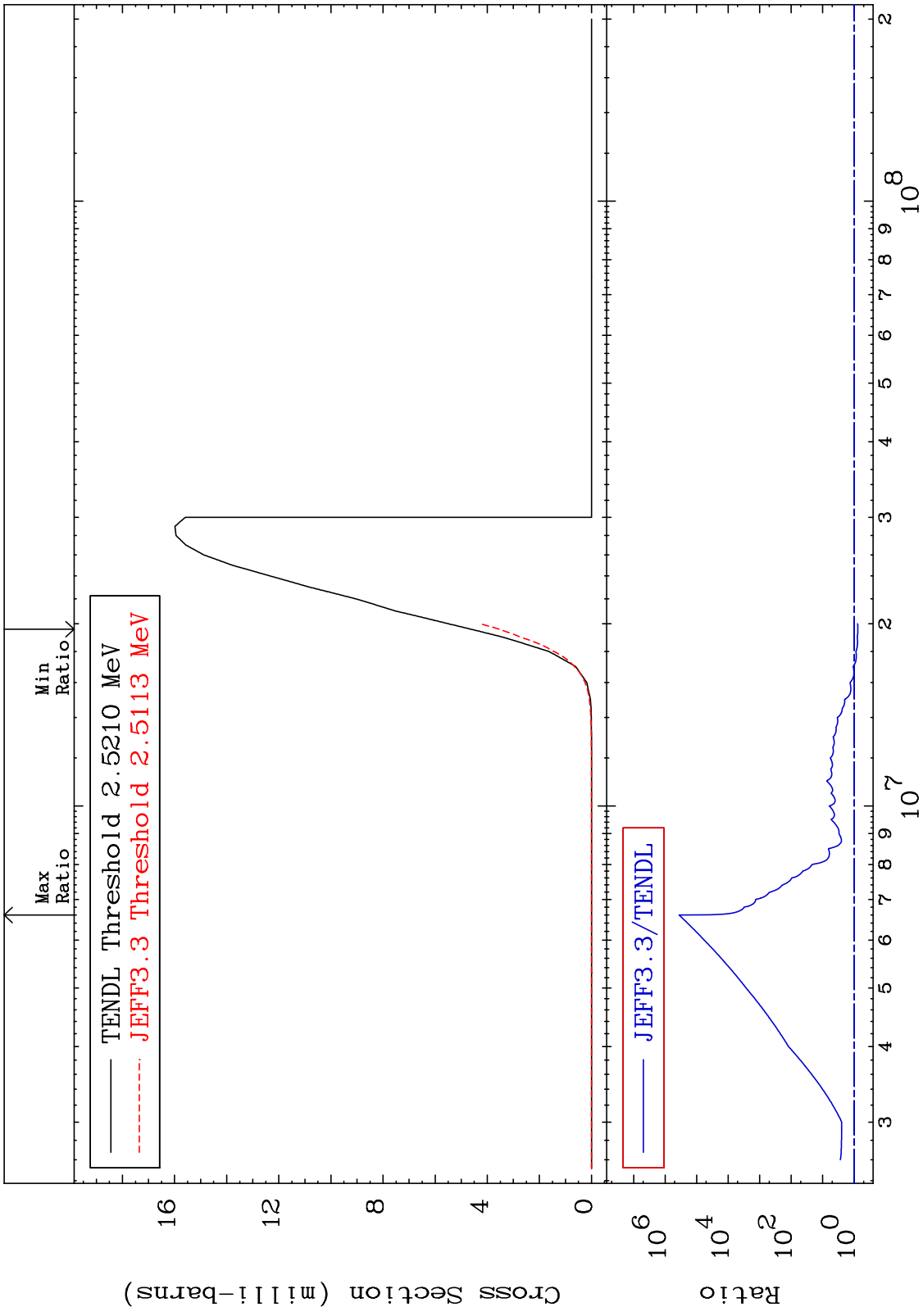
MAT 5646 (n,2n) Cross Section 56-Ba-137 -3.546 To 306.6 %



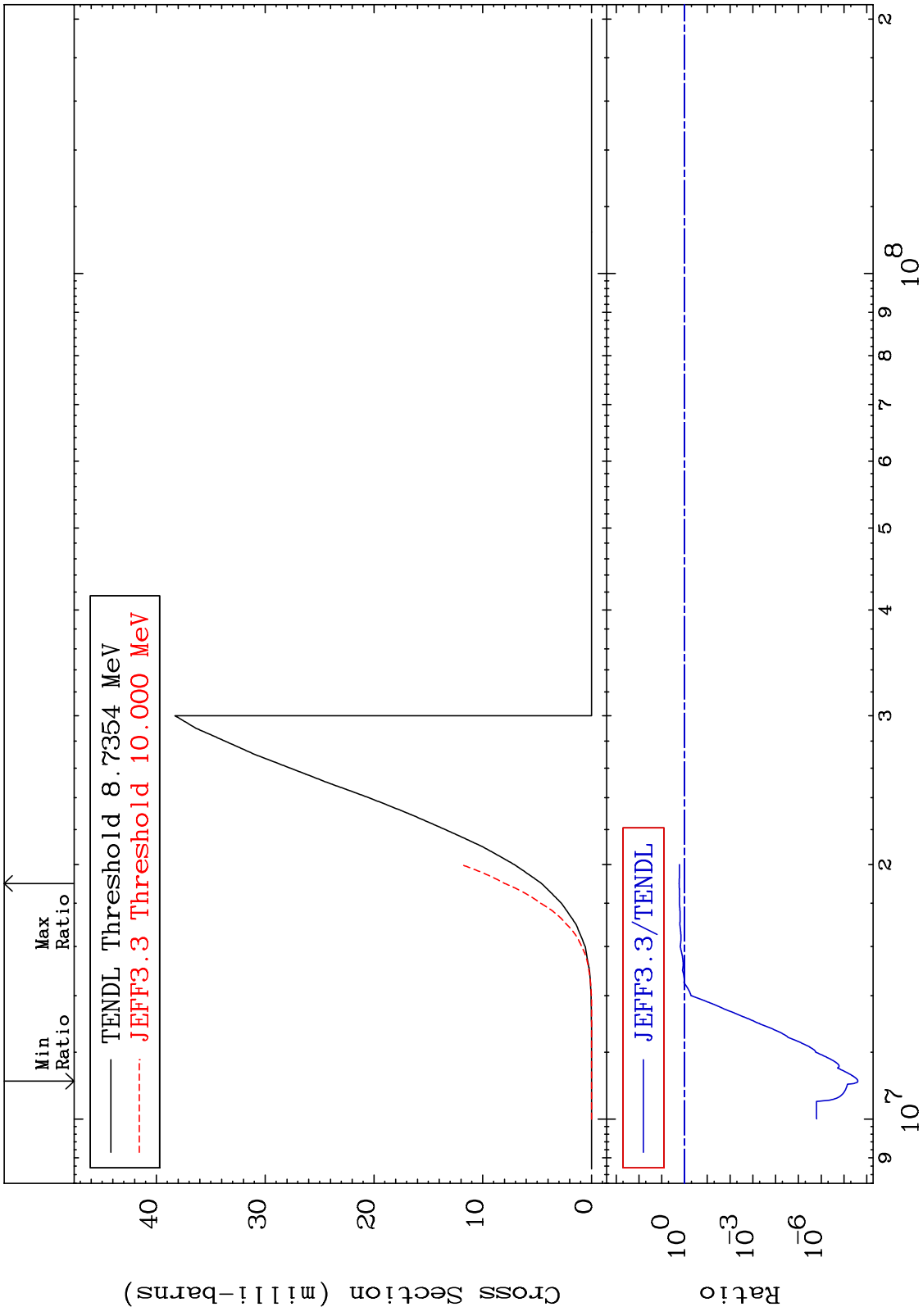
MAT 5646 (n,3n) Cross Section 56-Ba-137 -2.376 To 19.28 %



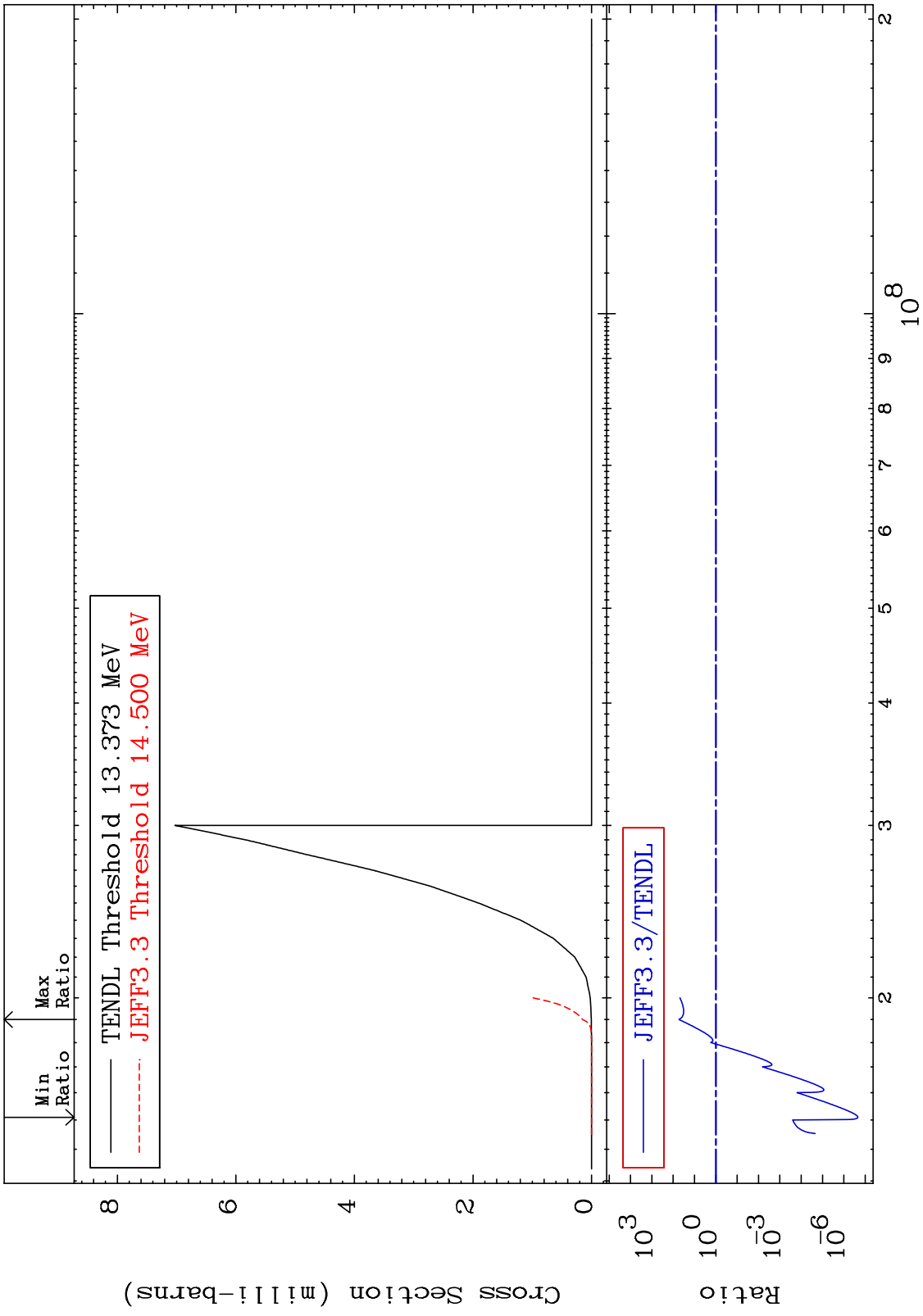
MAT 5646 $(n, n') \alpha$ 56-Ba-137
 Cross Section -23.27 To 9999. %



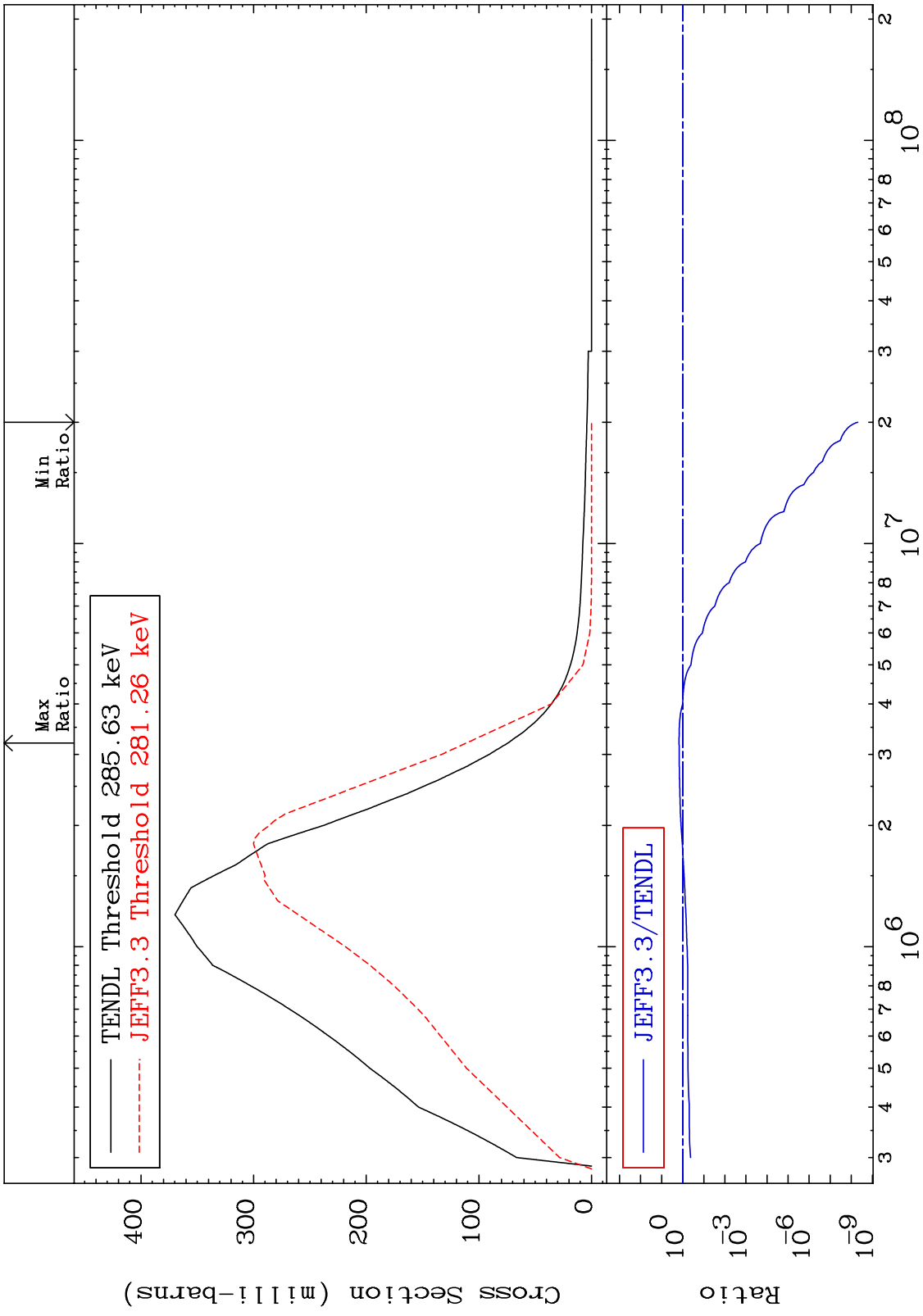
MAT 5646 (n, n') p 56-Ba-137
Cross Section -100.0 To 73.63 %



7 9 10⁷ 2 10⁸ 2 56-Ba-137

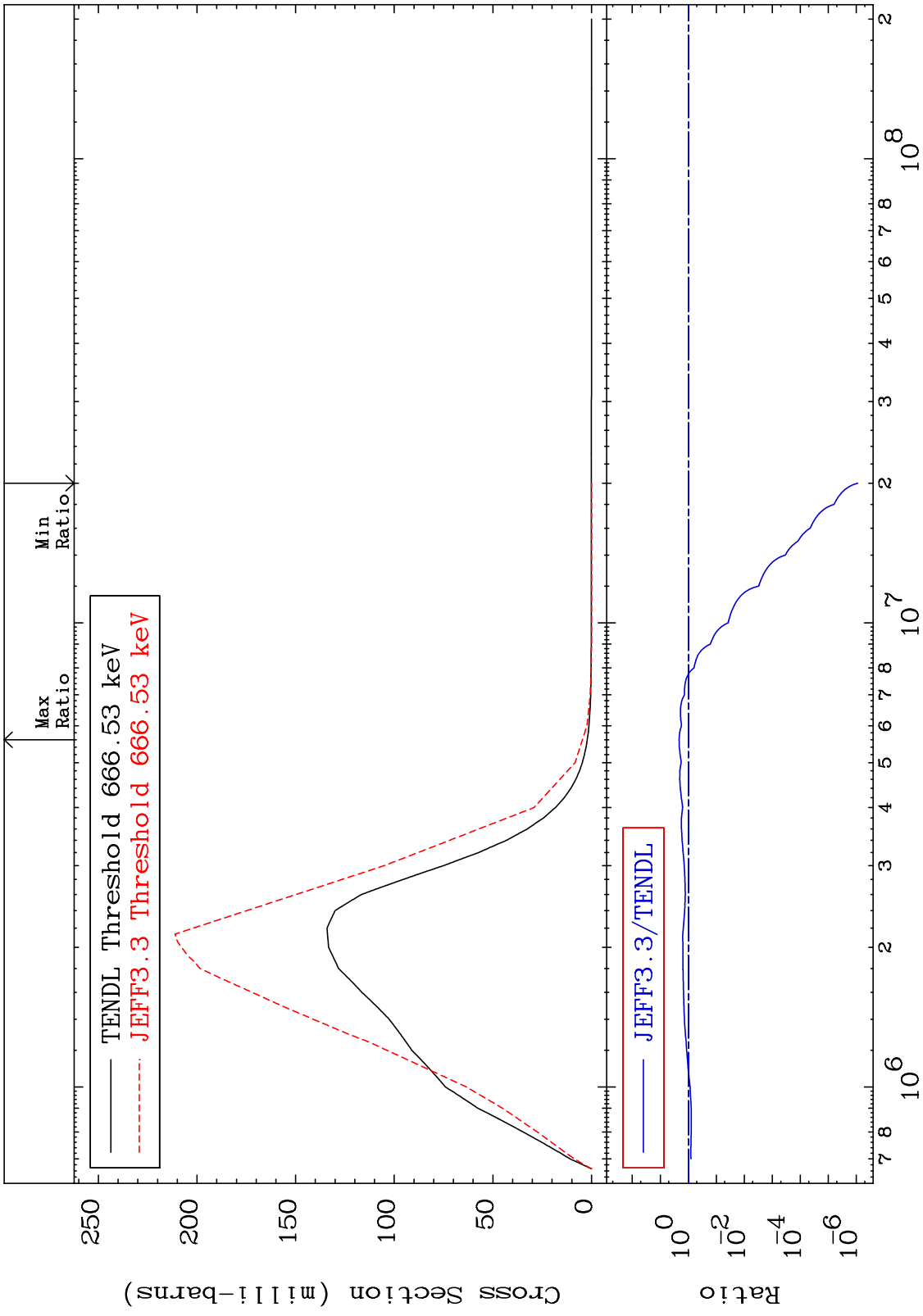


MAT 5646 MT= 51 (n,n') Level Cross Section 56-Ba-137 -100.0 To 49.73 %



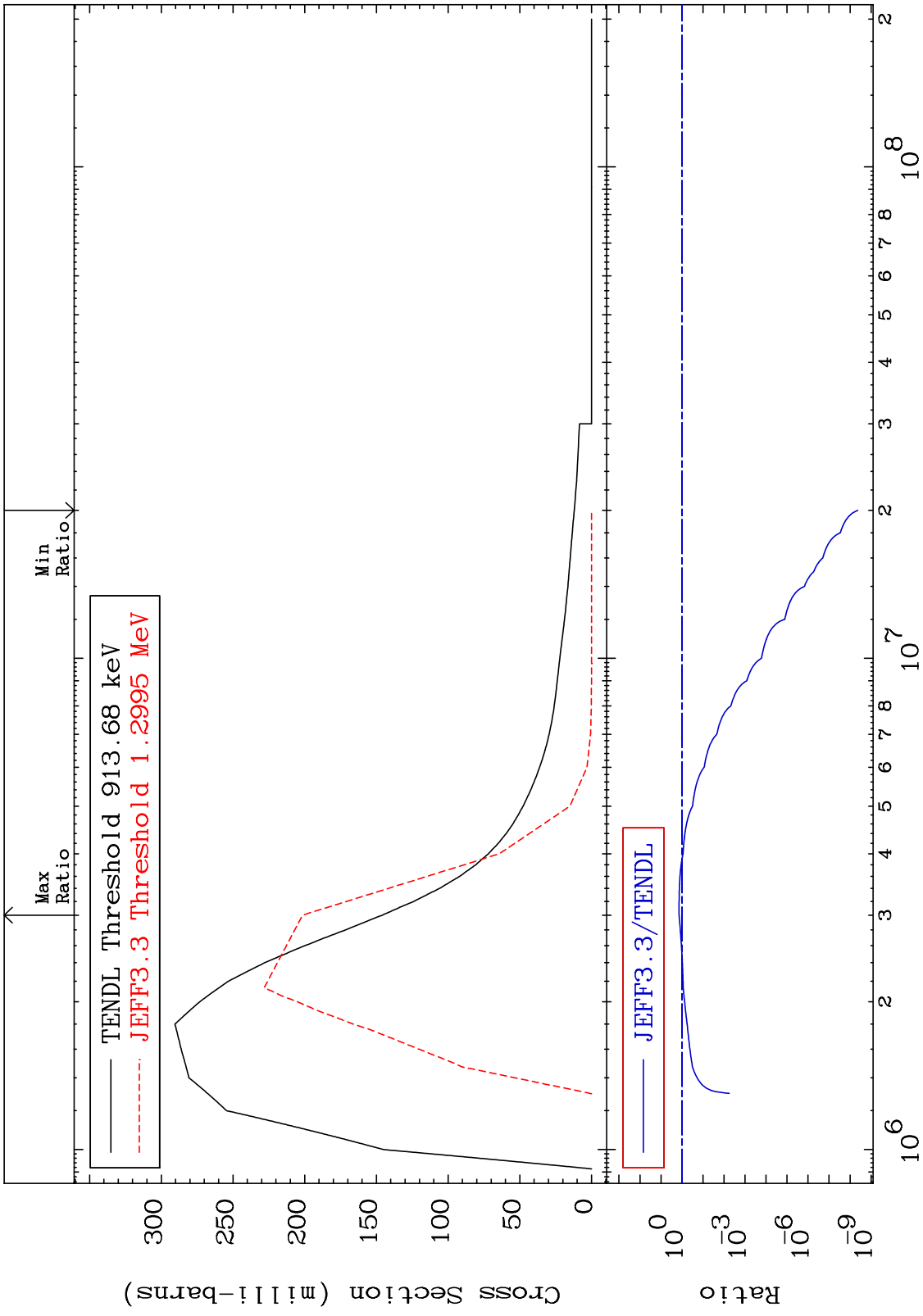
9 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 52 (n,n') Level Cross Section 56-Ba-137
 -100.0 To 114.1 %

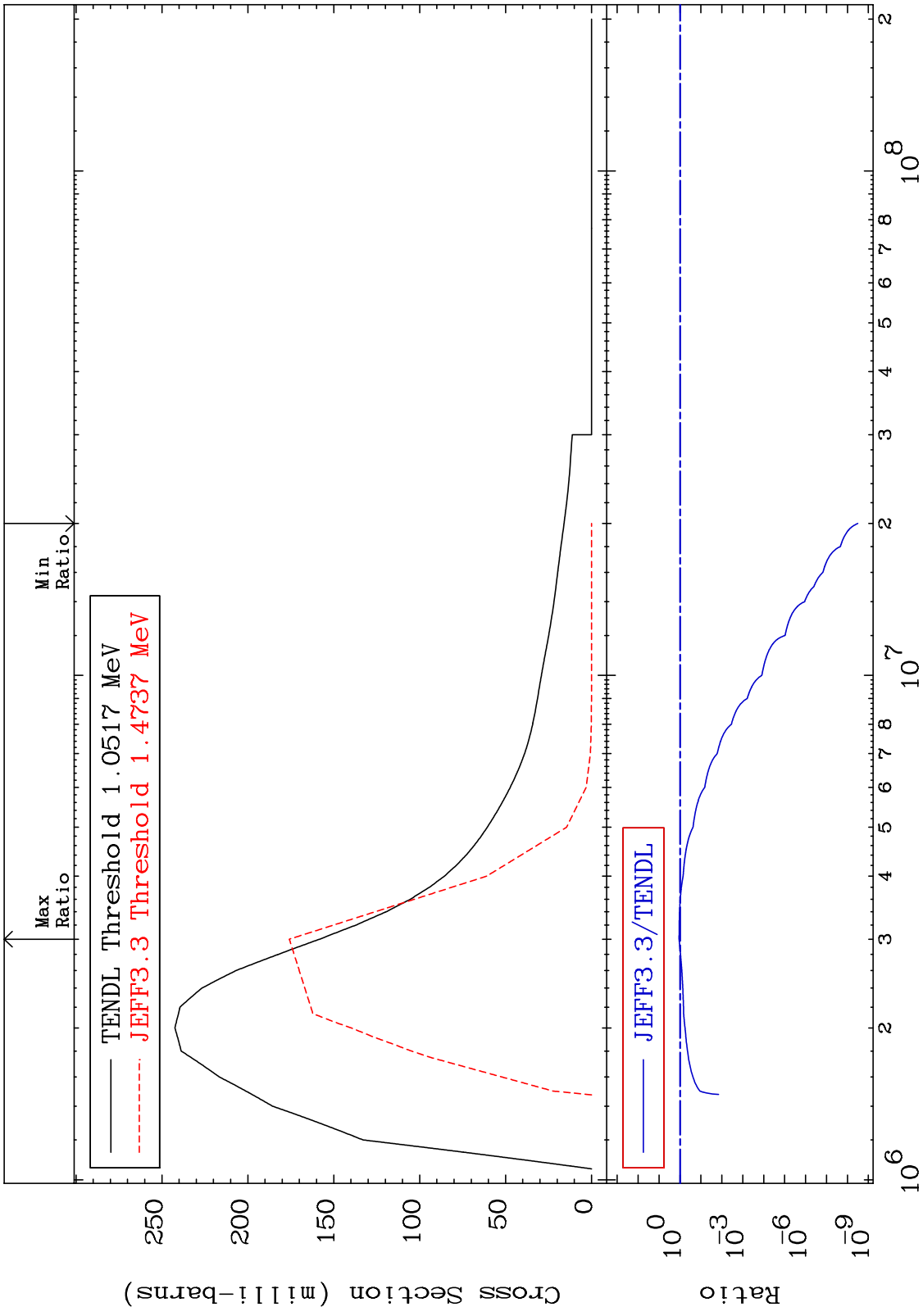


Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 53 (n, n') Level Cross Section 56-Ba-137
 -100.0 To 38.14 %

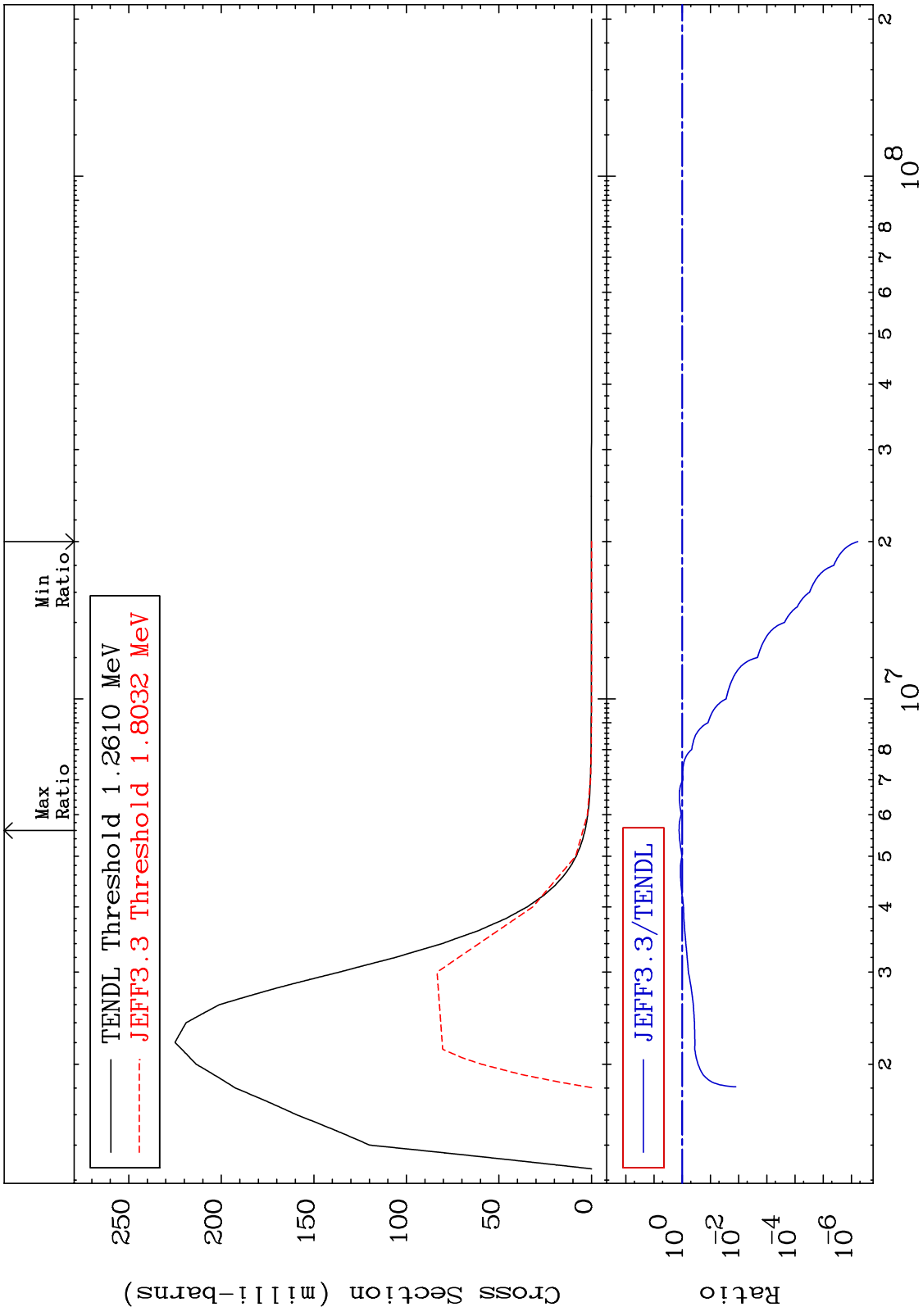


MAT 5646 MT= 54 (n, n') Level Cross Section 56-Ba-137 -100.0 To 11.18 %

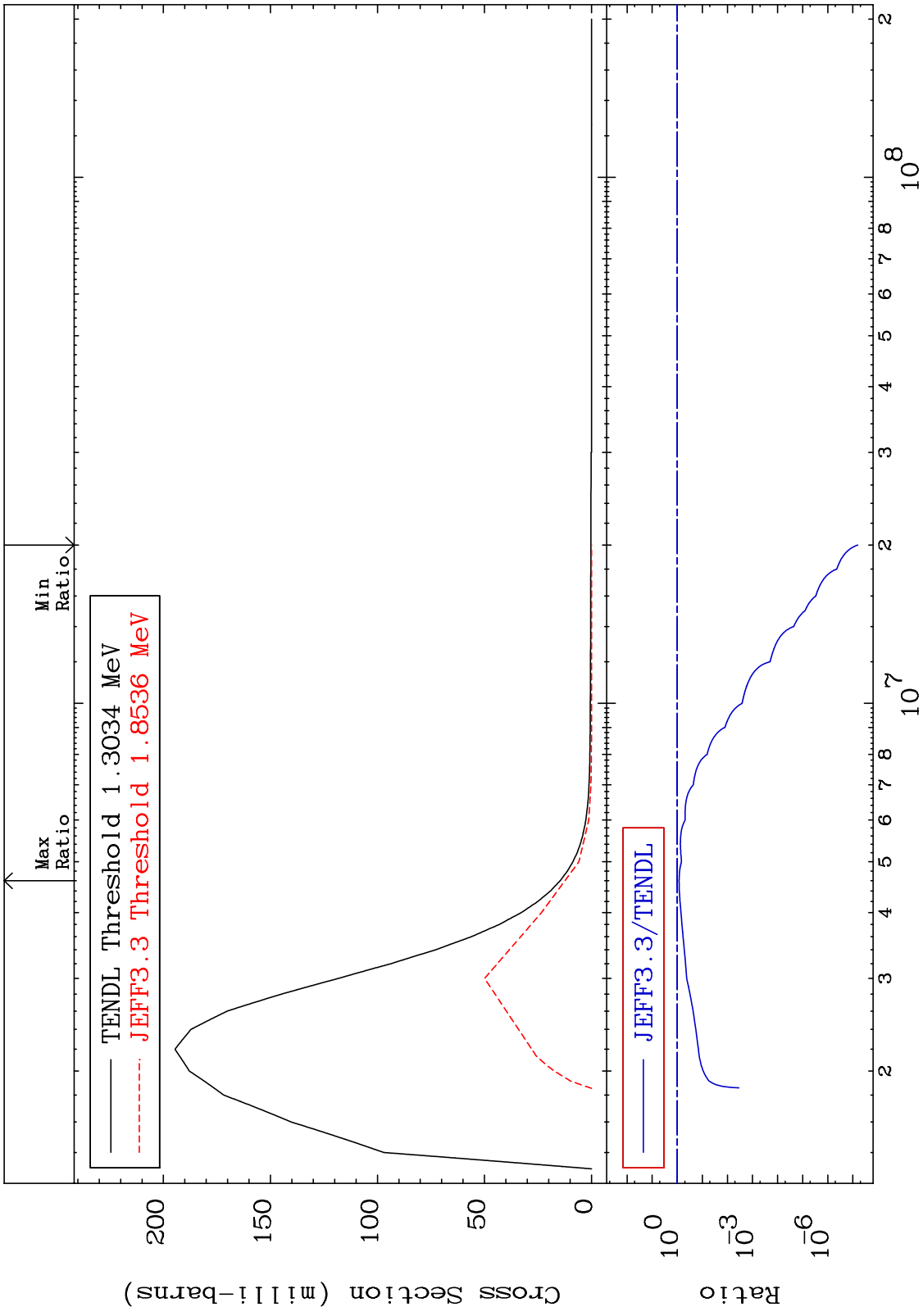


12 Incident Energy (eV) 56-Ba-137

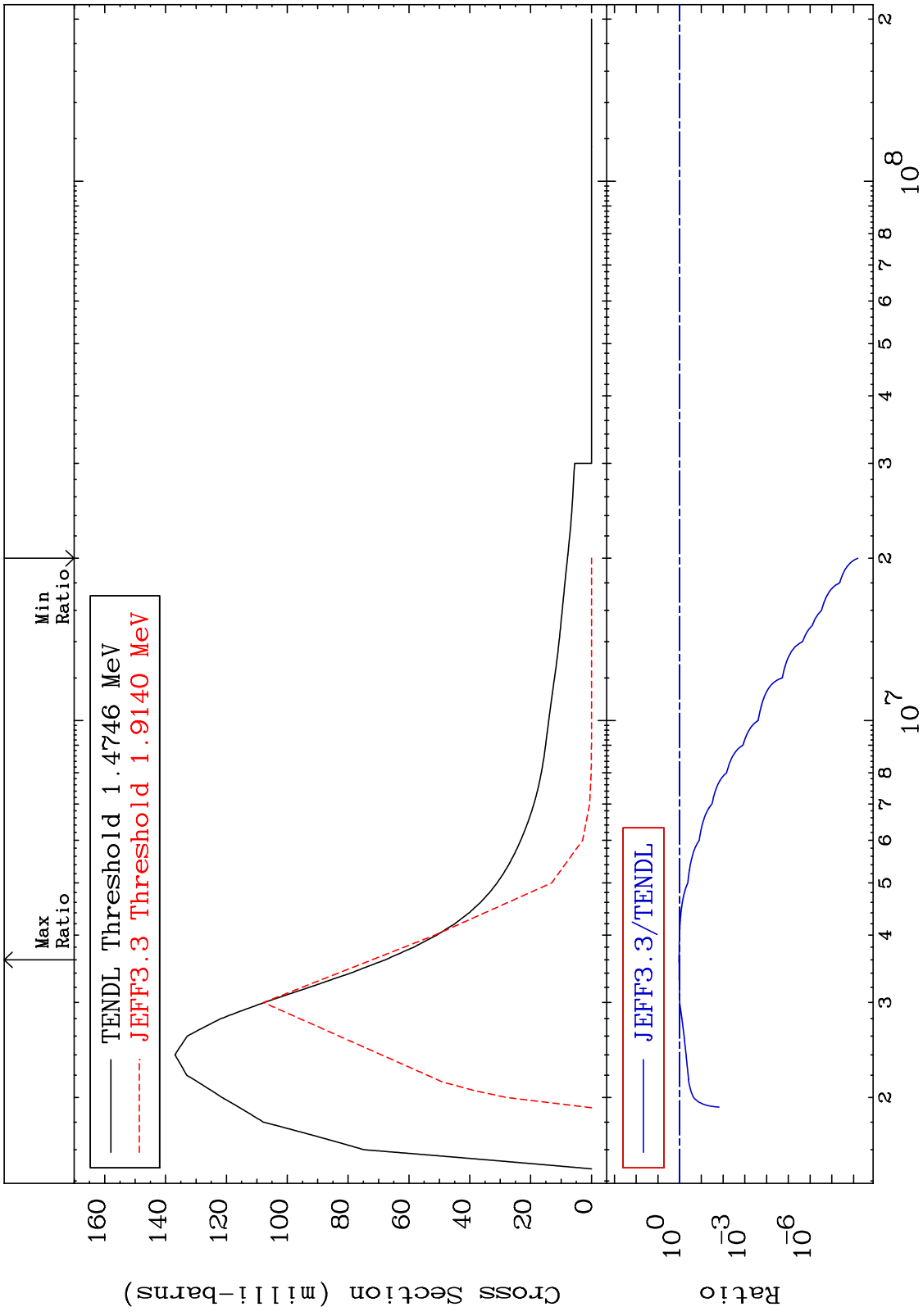
MAT 5646 MT= 55 (n,n') Level Cross Section 56-Ba-137
 -100.0 To 30.91 %



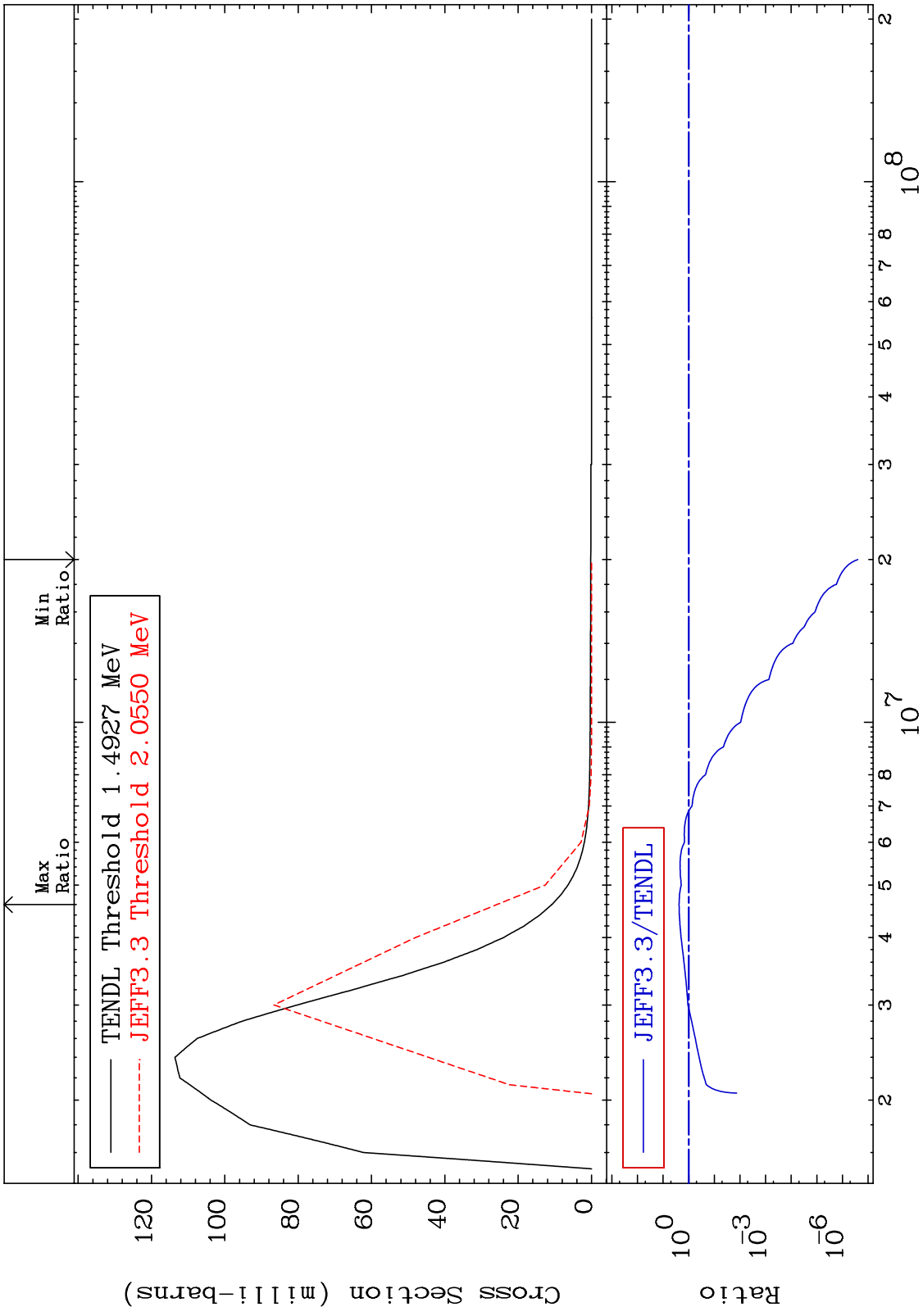
MAT 5646 MT= 56 (n,n') Level Cross Section 56-Ba-137 -100.0 To -15.10%



MAT 5646 MT= 57 (n,n') Level Cross Section 56-Ba-137 -100.0 To 6.454 %



MAT 5646 MT= 58 (n, n') Level Cross Section 56-Ba-137 -100.0 To 138.9 %

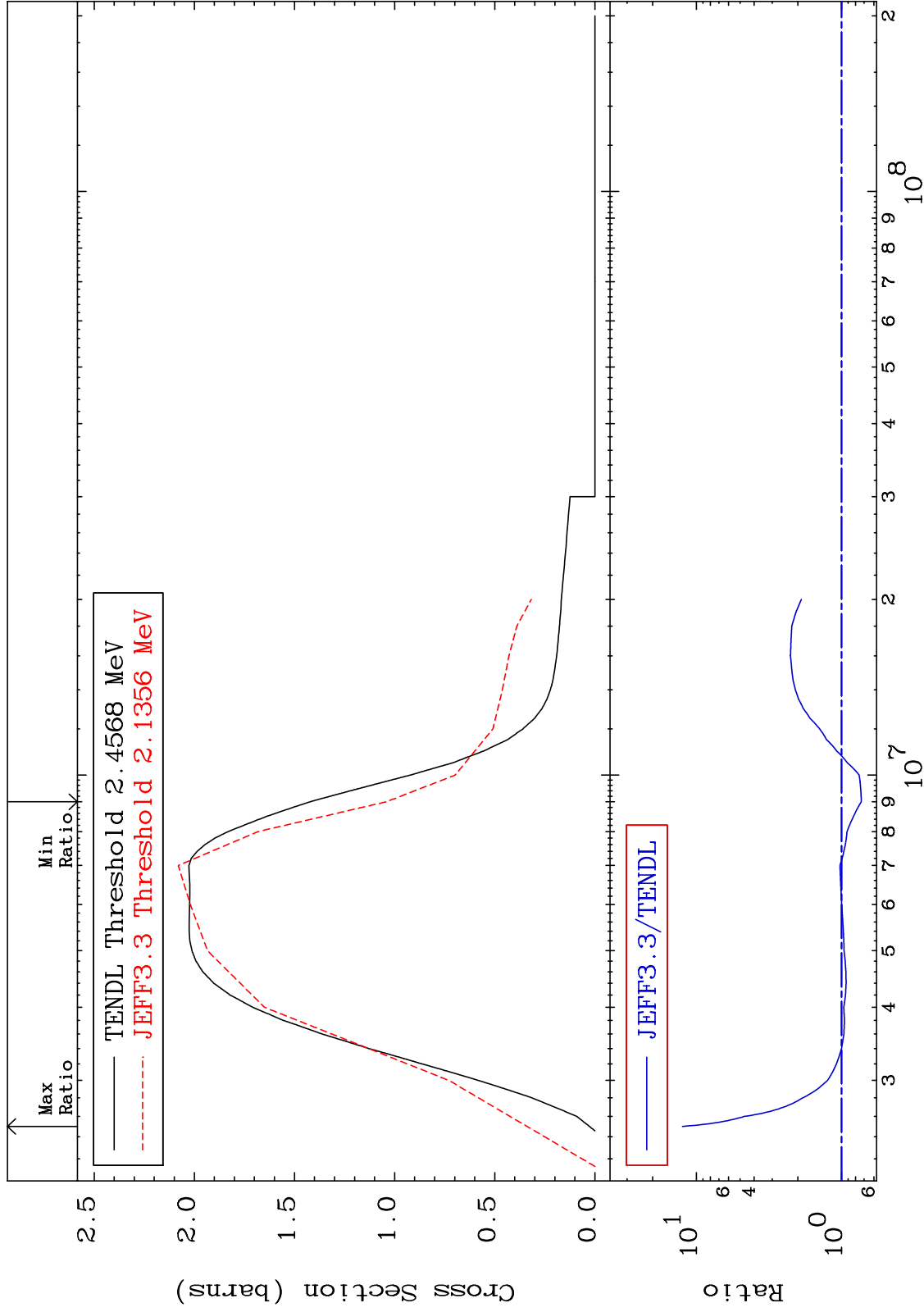


16 56-Ba-137 Incident Energy (eV)

MAT 5646

(n,n') Continuum
Cross Section

56-Ba-137
-26.82 To 1145. %



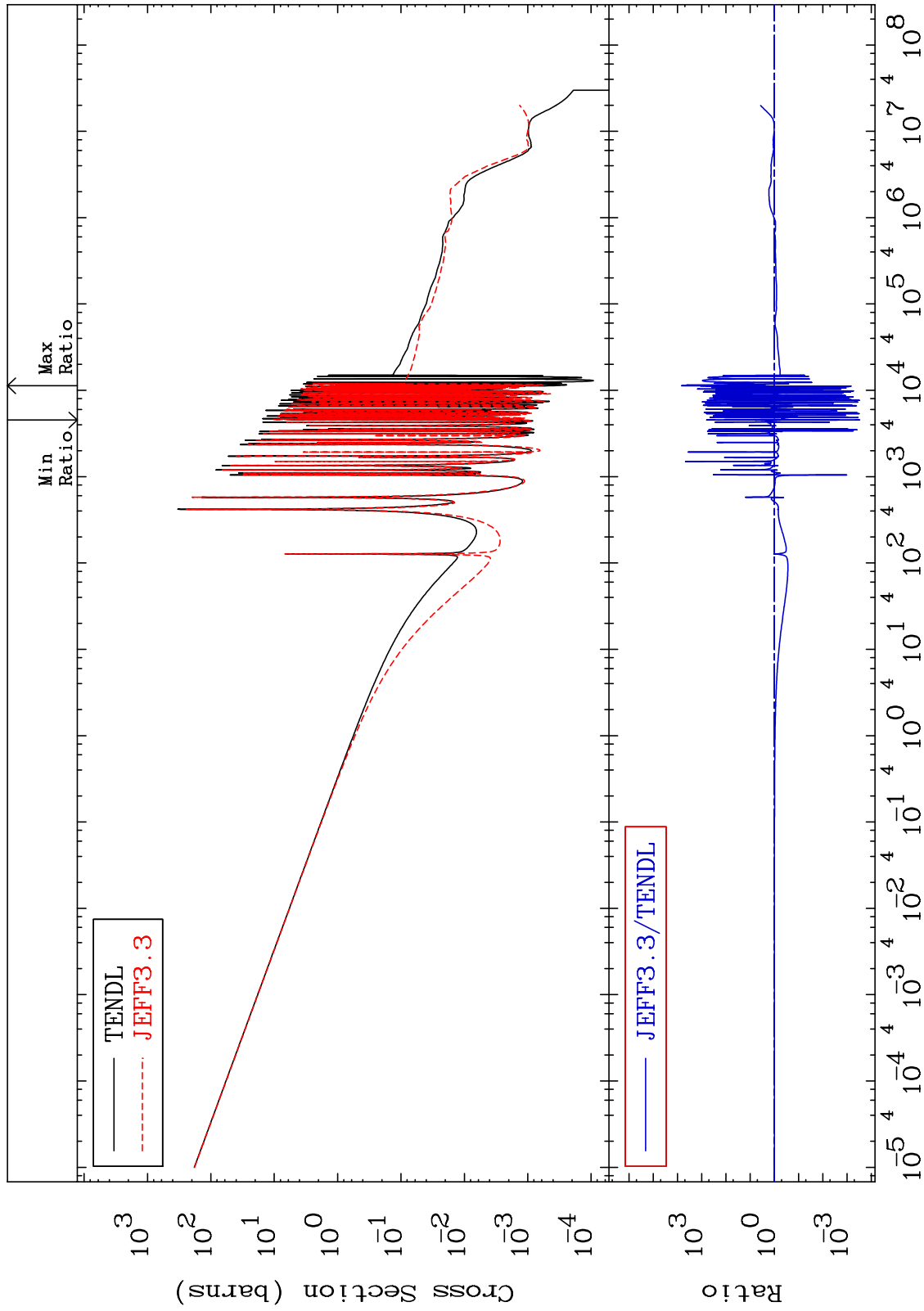
MAT 5646

(n, γ)

56-Ba-137

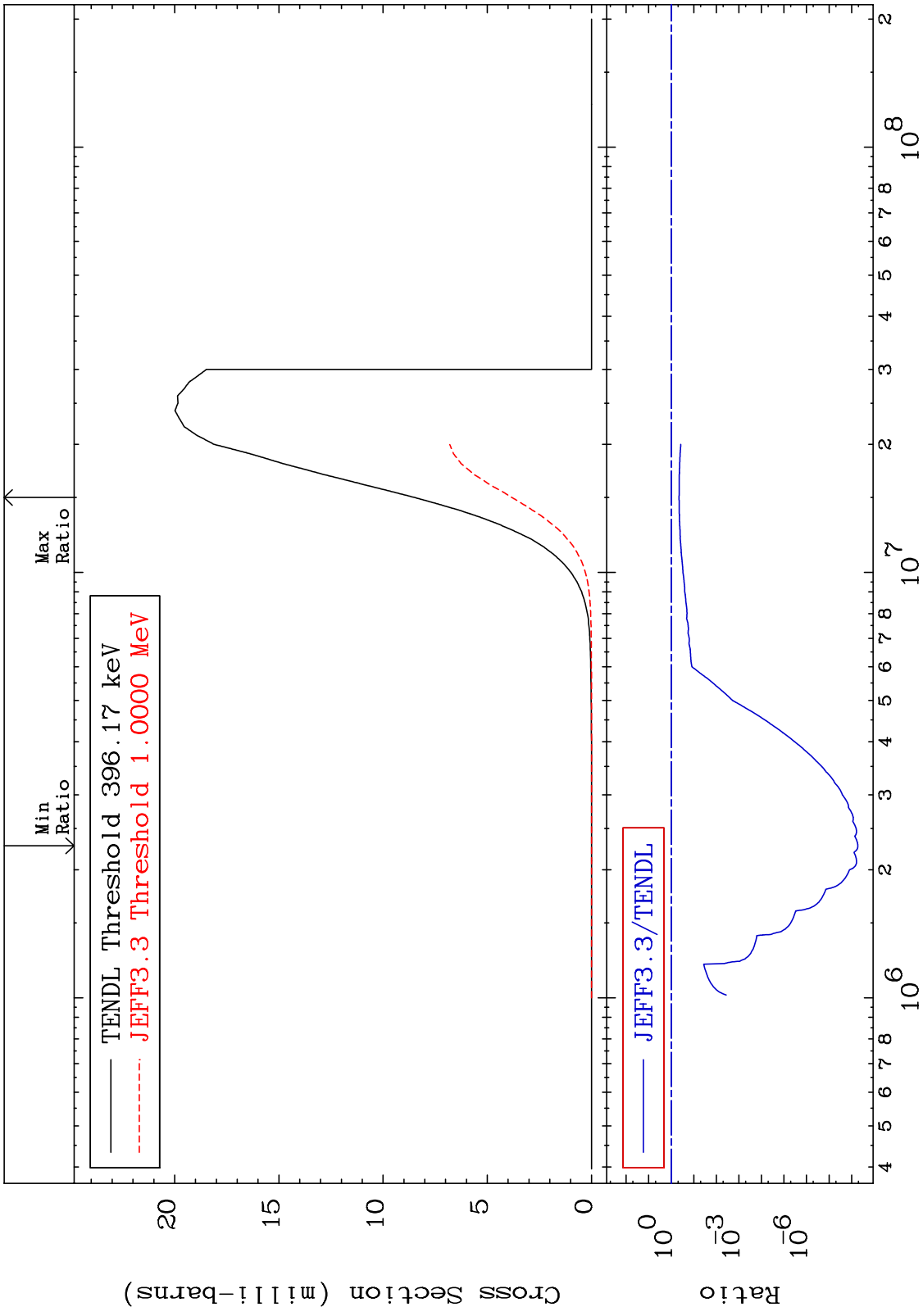
Cross Section

-99.97 To 9999. %

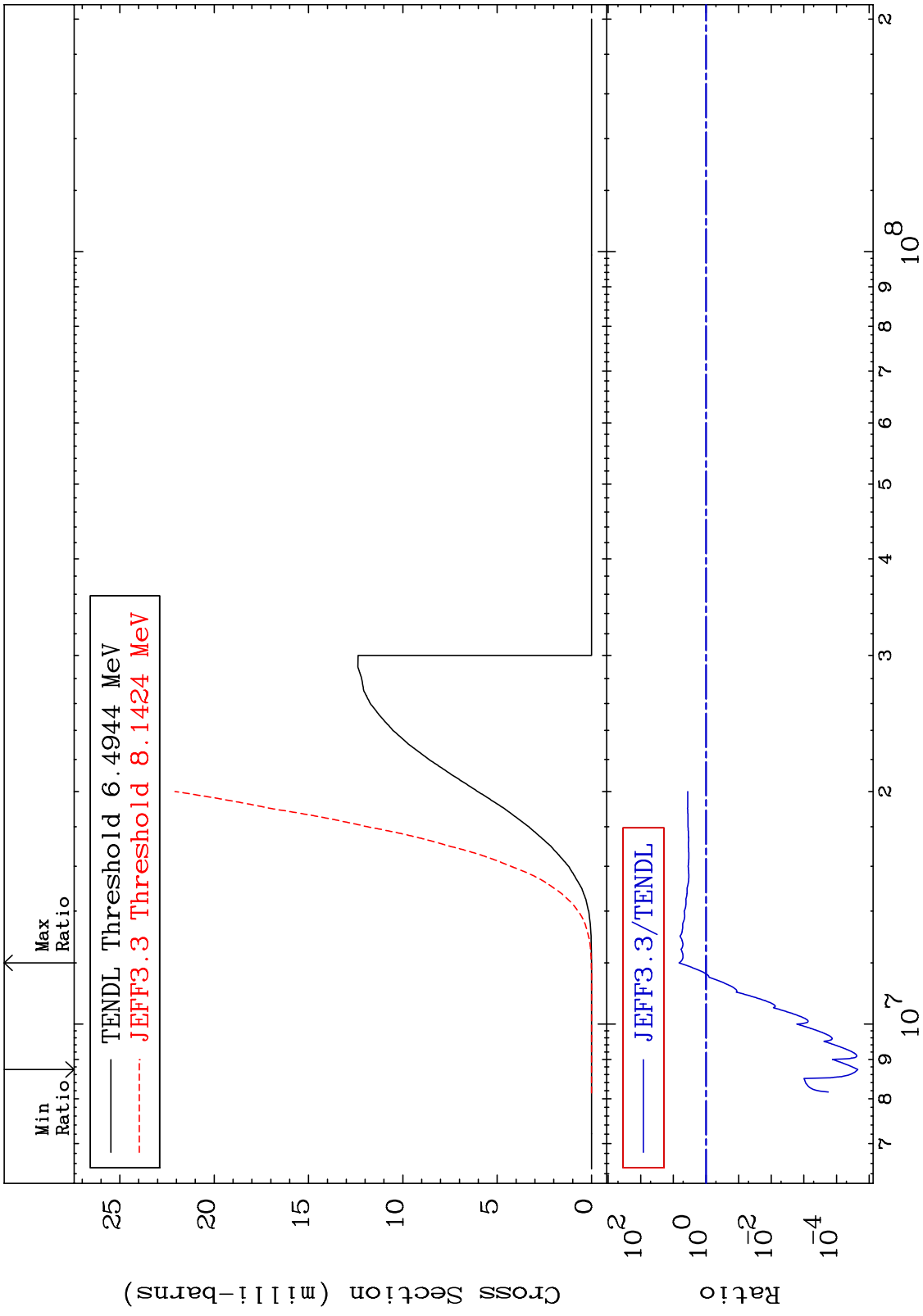


MAT 5646 56-Ba-137
-100.0 To -54.95%

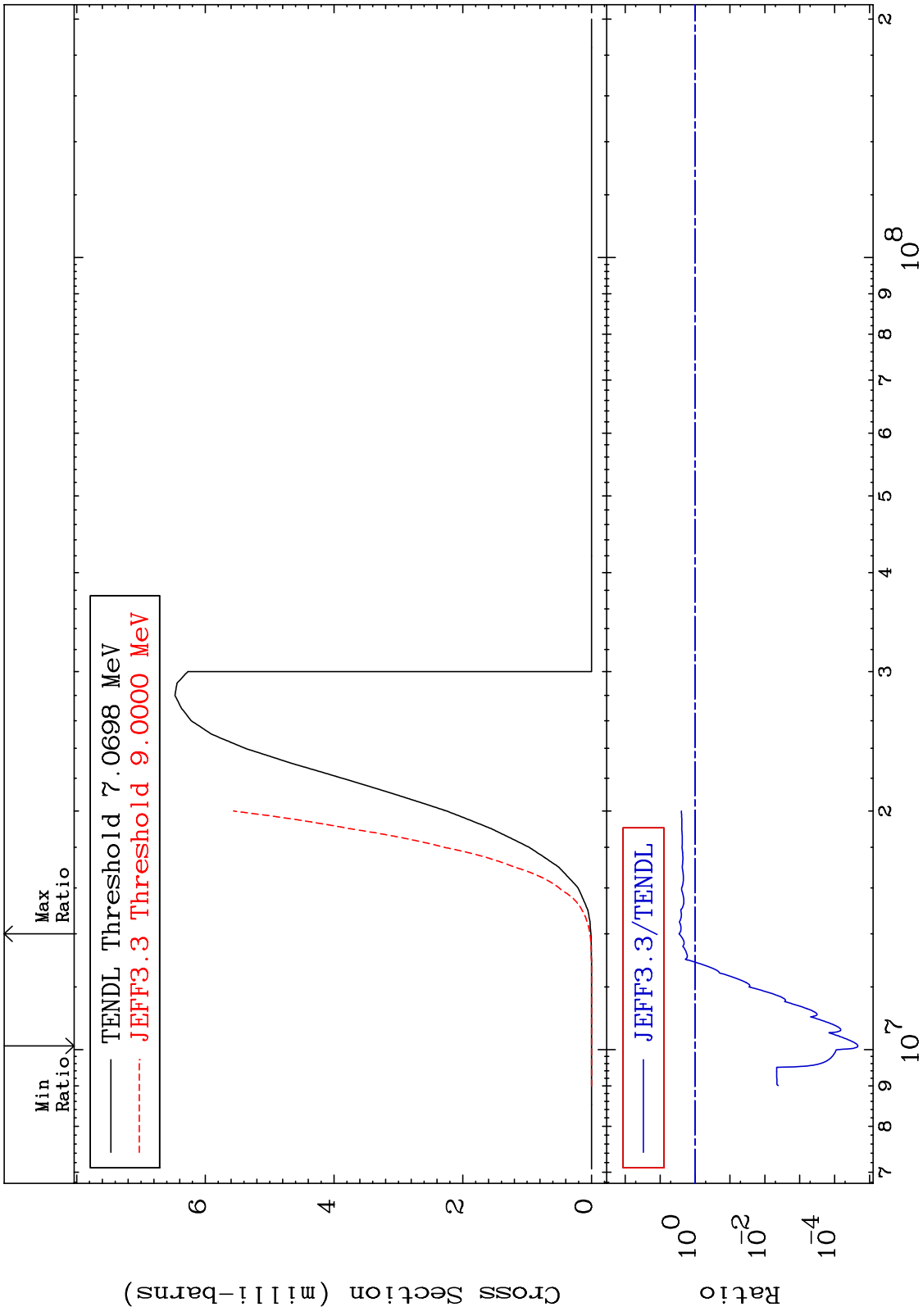
(n,p)
 Cross Section



MAT 5646 (n,d) Cross Section 56-Ba-137 -100.0 To 570.7 %



MAT 5646 (n,t) 56-Ba-137
Cross Section -100.0 To 187.4 %



56-Ba-137

Incident Energy (eV)

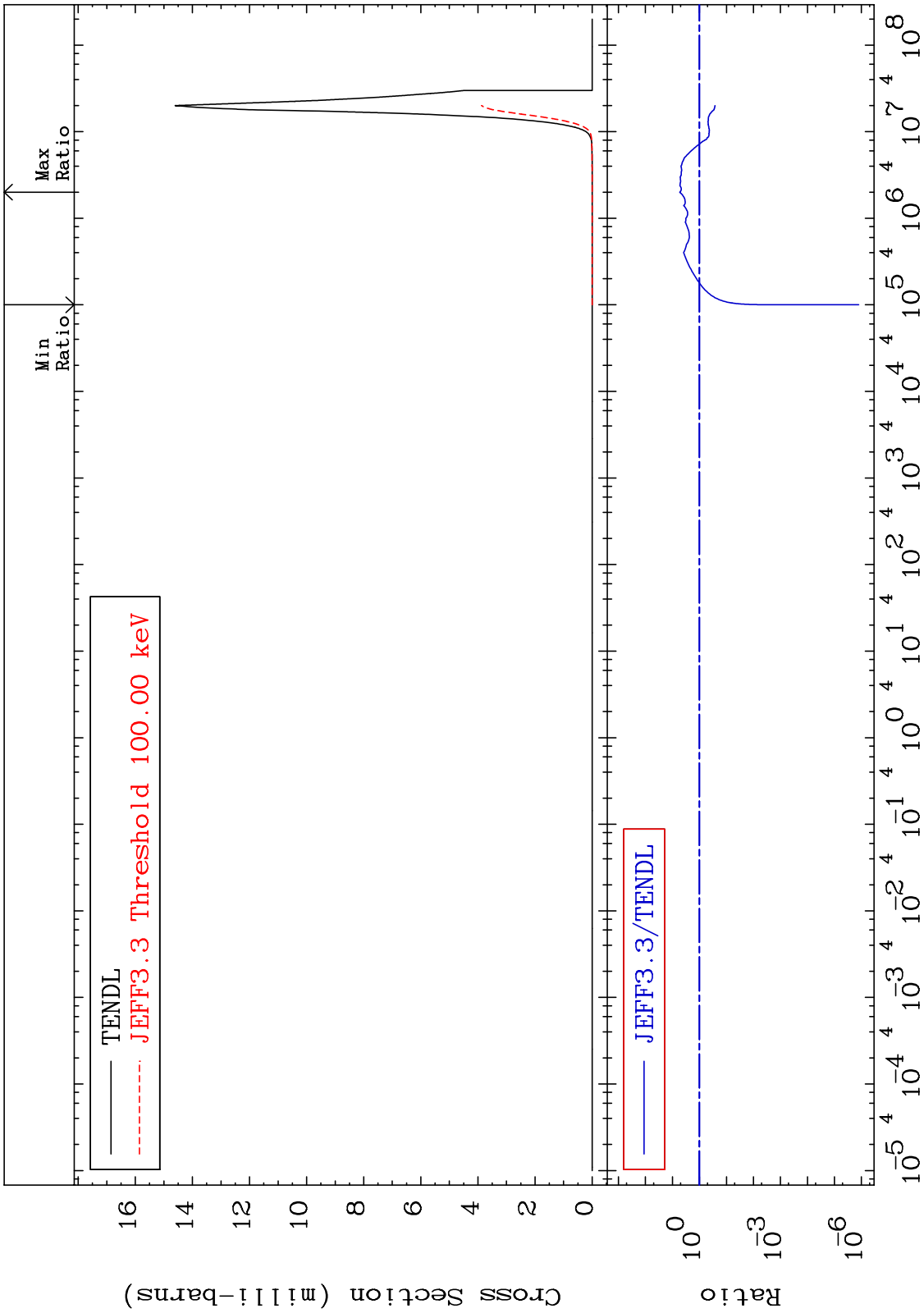
MAT 5646

(n, α)

56-Ba-137

Cross Section

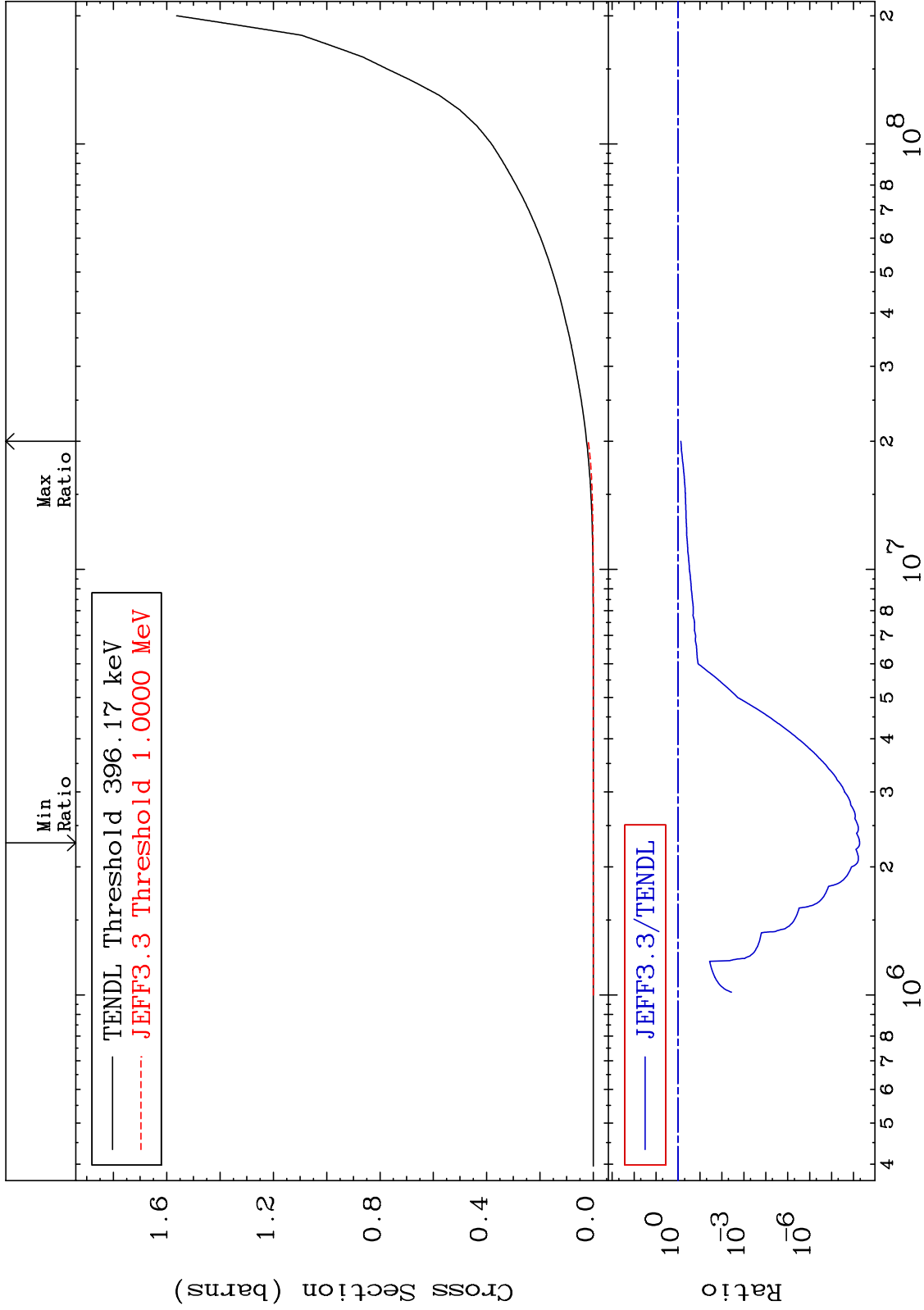
-100.0 To 435.3 %



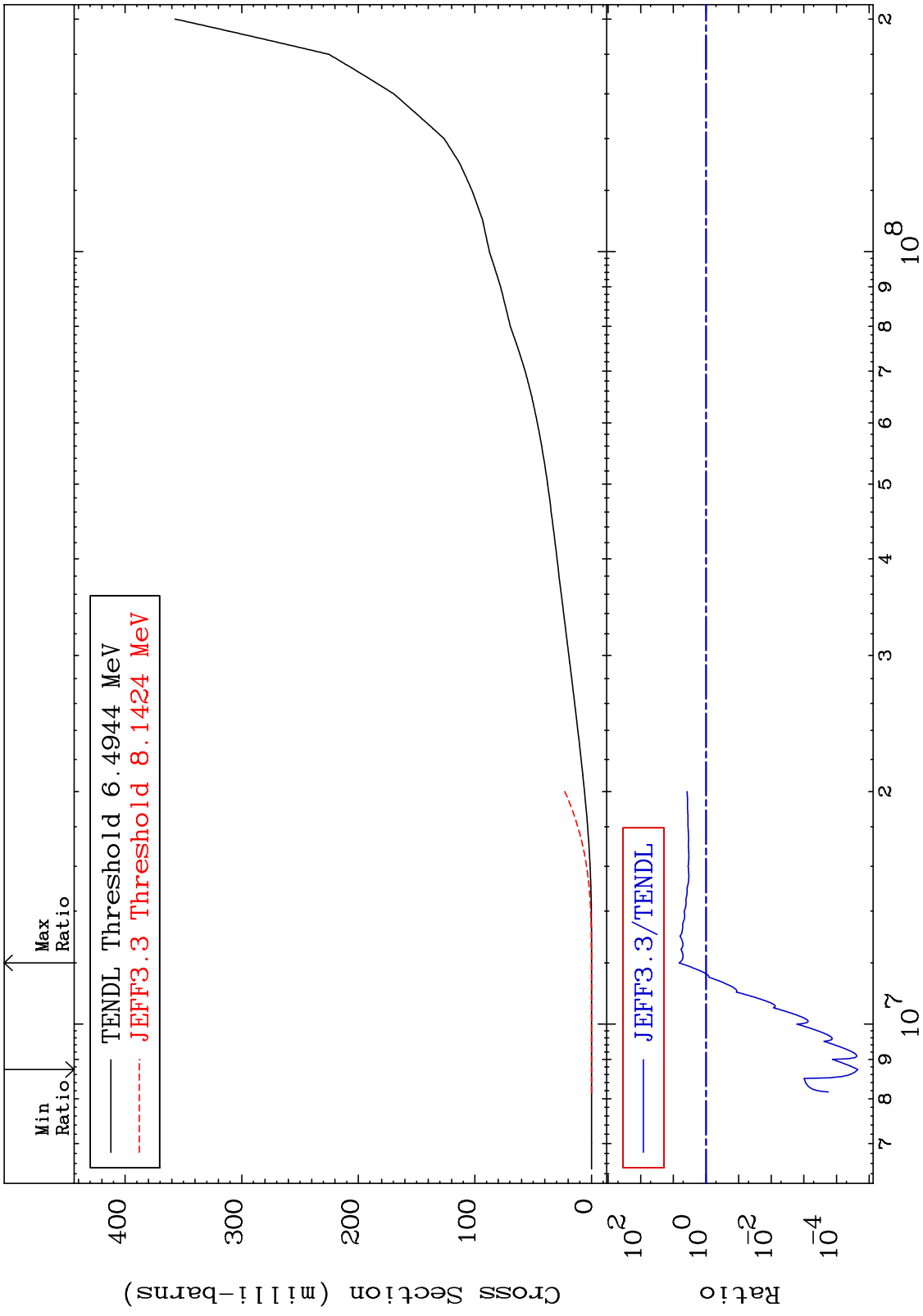
MAT 5646

Hydrogen Production
Cross Section

56-Ba-137
-100.0 To -25.52%



MAT 5646 Deuterium Production Cross Section 56-Ba-137 -100.0 To 570.7 %

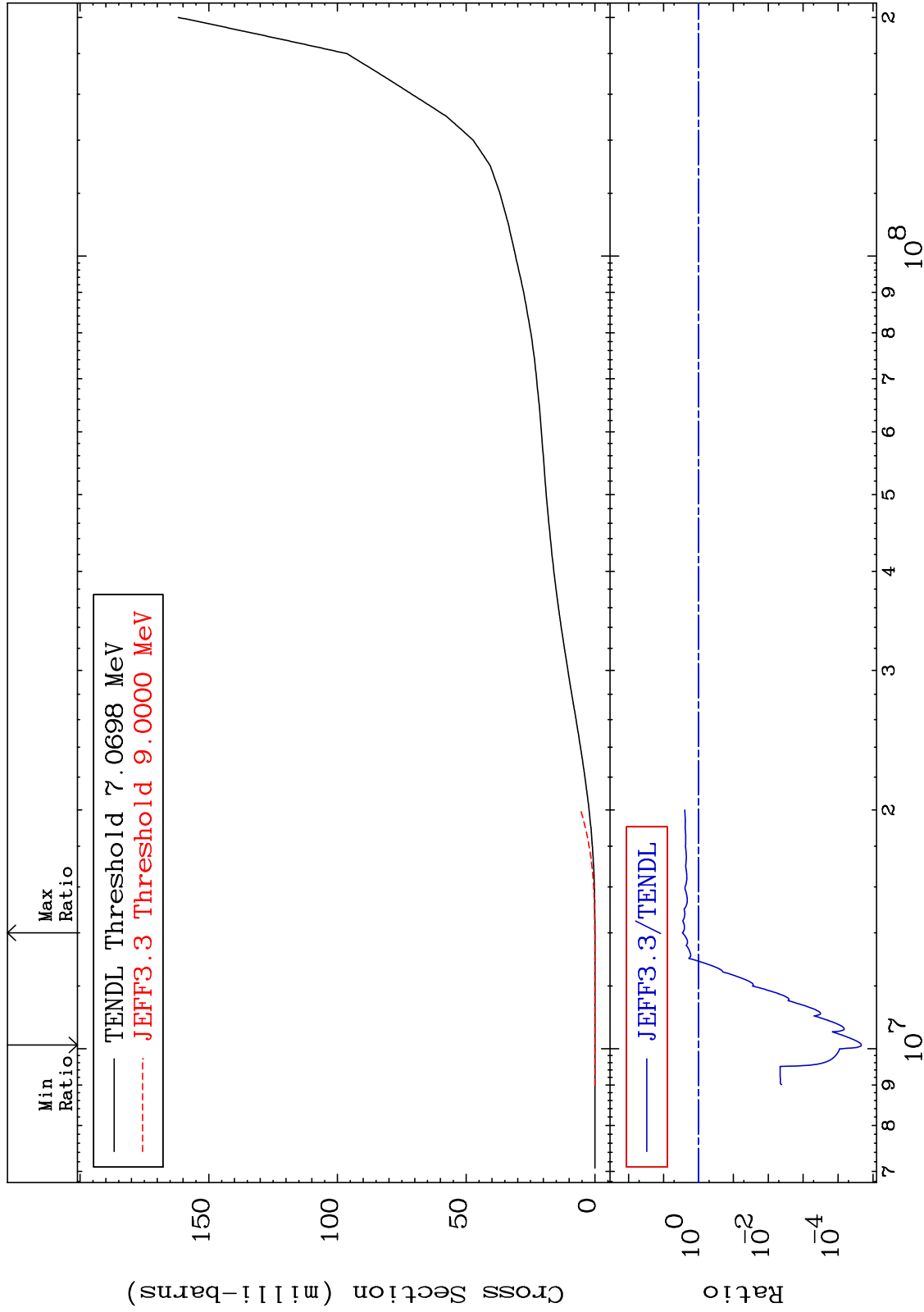


24 56-Ba-137 Incident Energy (eV)

MAT 5646

Tritium Production
Cross Section

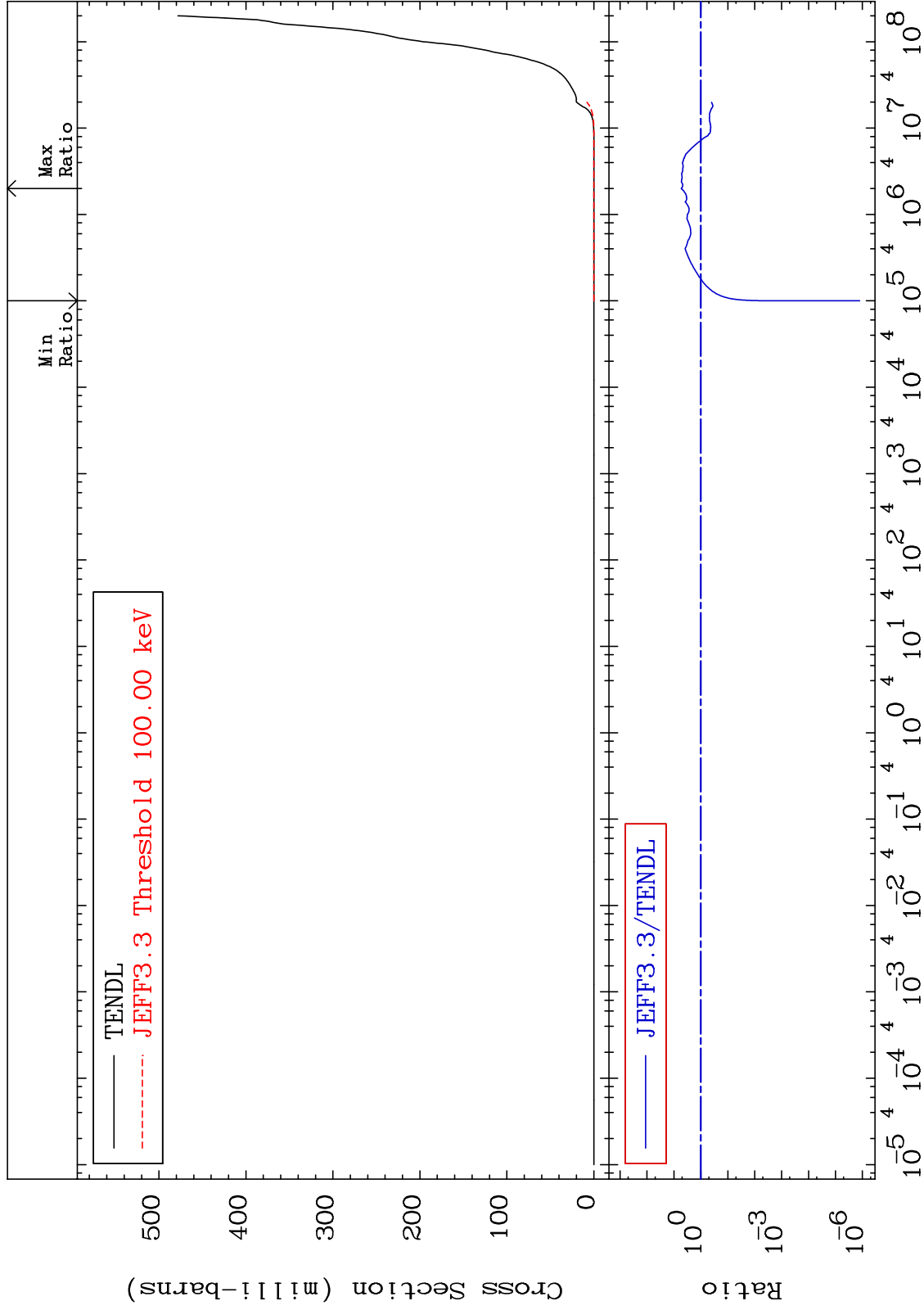
56-Ba-137
-100.0 To 187.4 %



MAT 5646

He-4 Production
Cross Section

56-Ba-137
-100.0 To 435.3 %

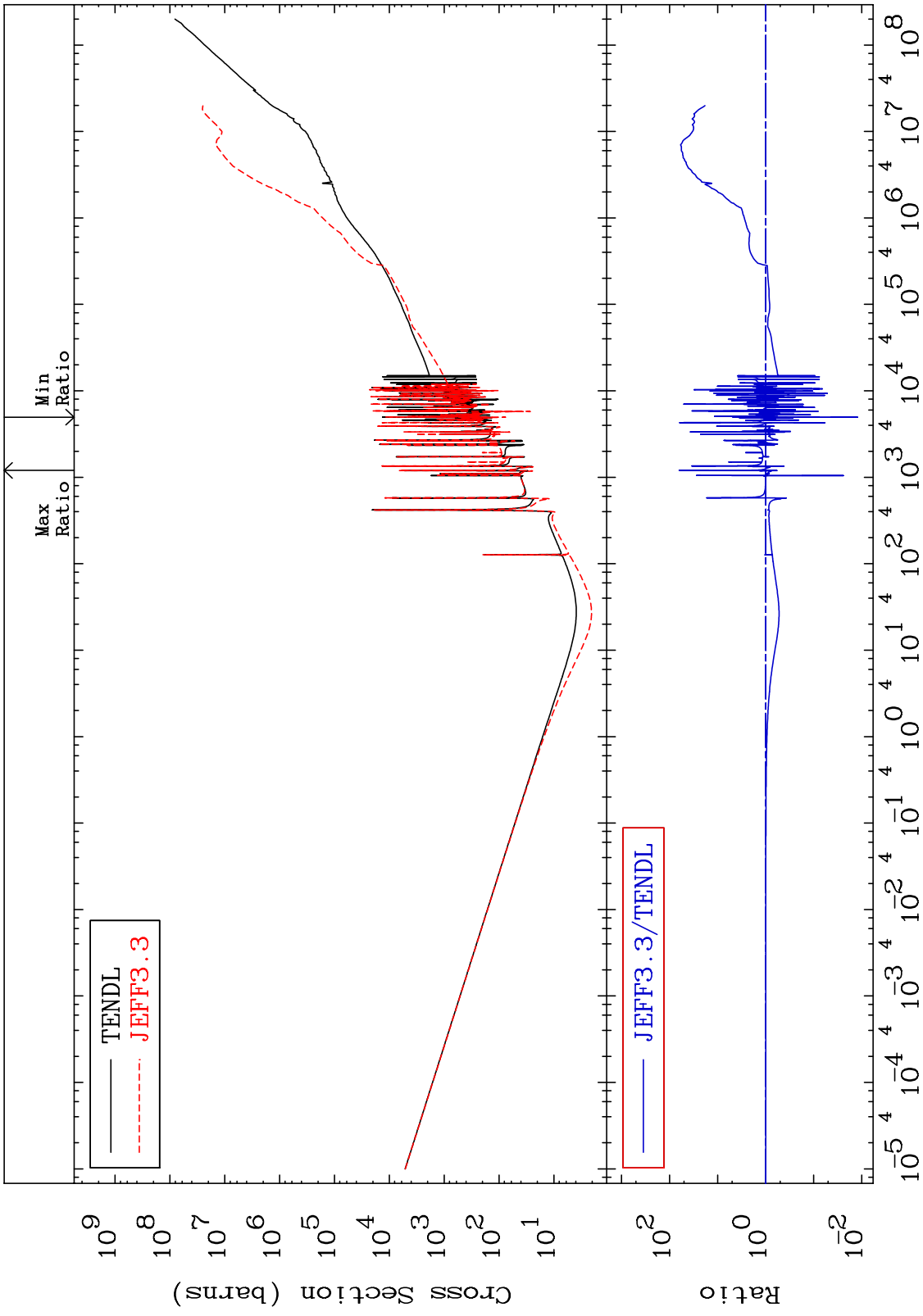


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Incident Energy (eV)

56-Ba-137

MAT 5646 Kerma total (eV-barns)
 Cross Section 56-Ba-137
 -98.79 To 6249. %

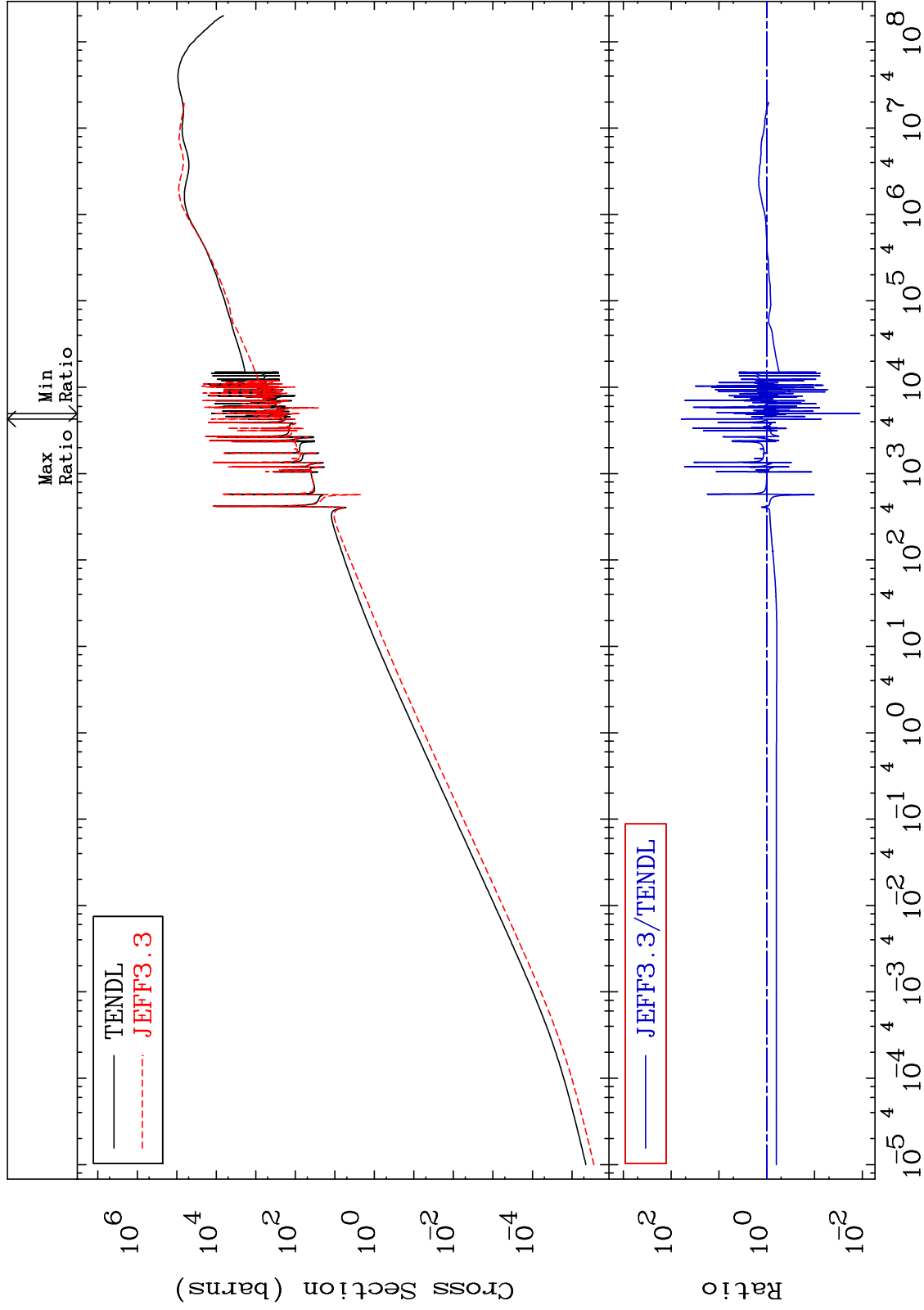


Incident Energy (eV) 56-Ba-137

MAT 5646

Kerma elastic
Cross Section

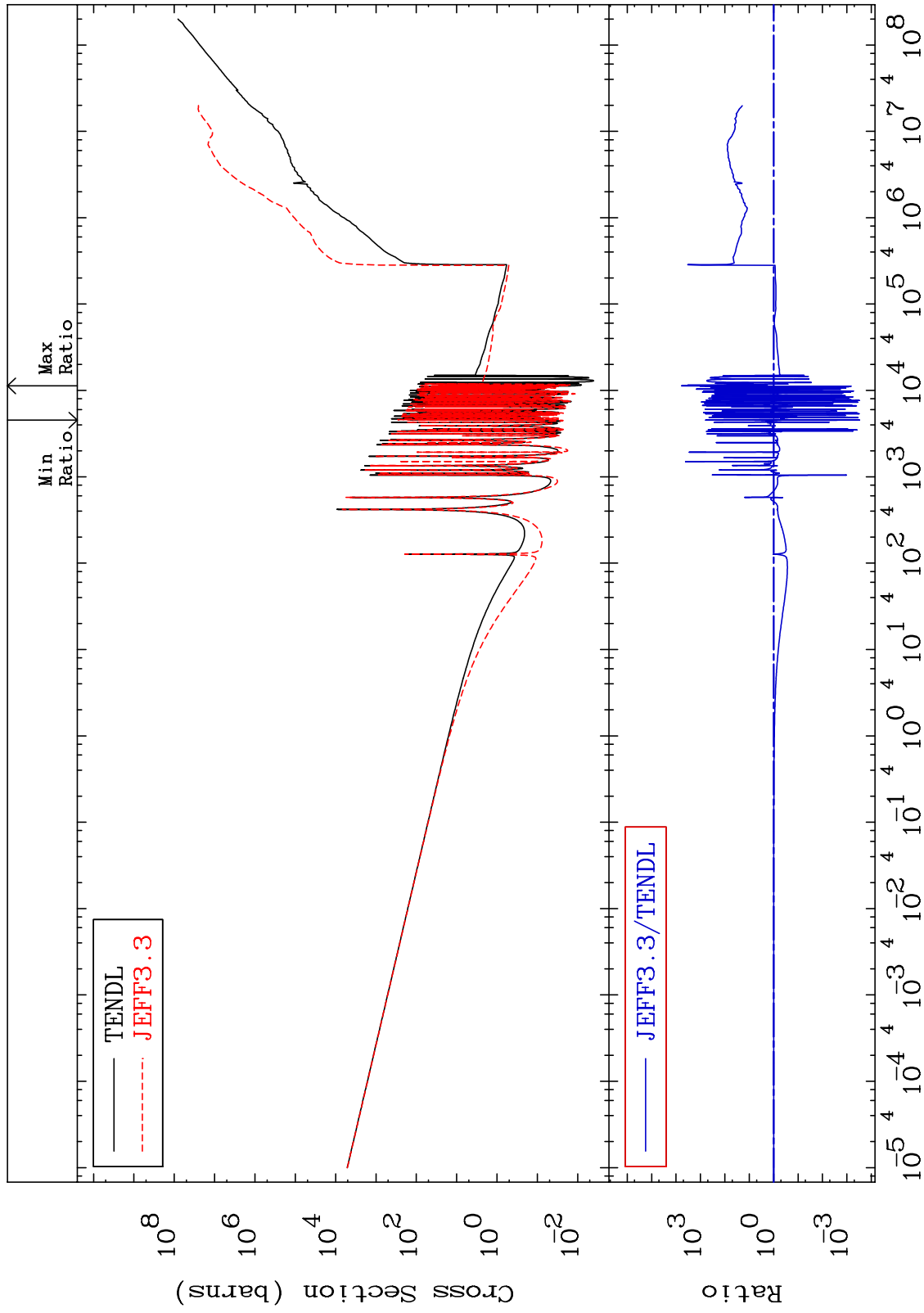
56-Ba-137
-98.87 To 6044. %



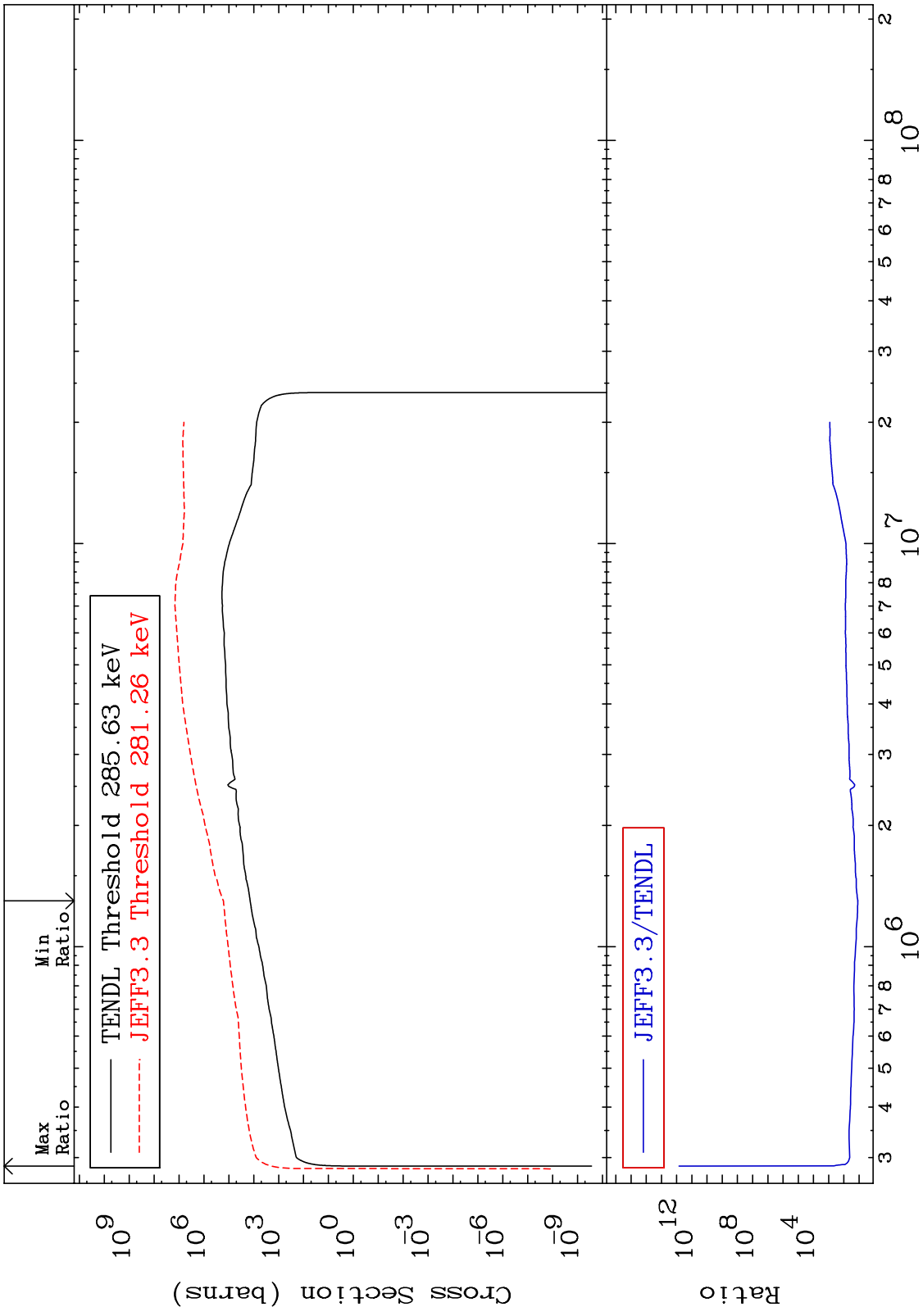
MAT 5646

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-137
-99.97 To 9999. %



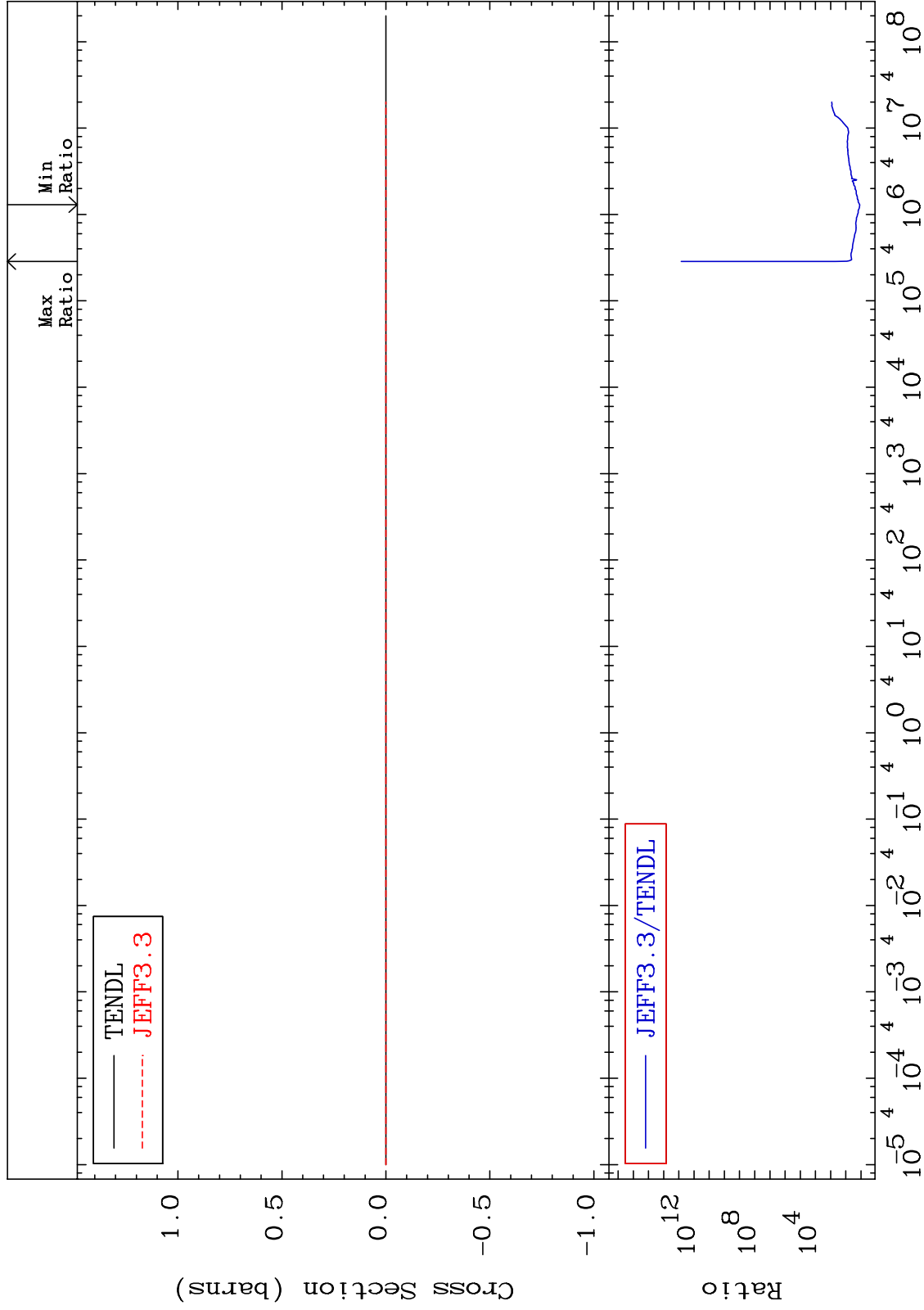
MAT 5646 Kerma inelastic (mt51-91) 56-Ba-137
 Cross Section 1097. To 9999. %



MAT 5646

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

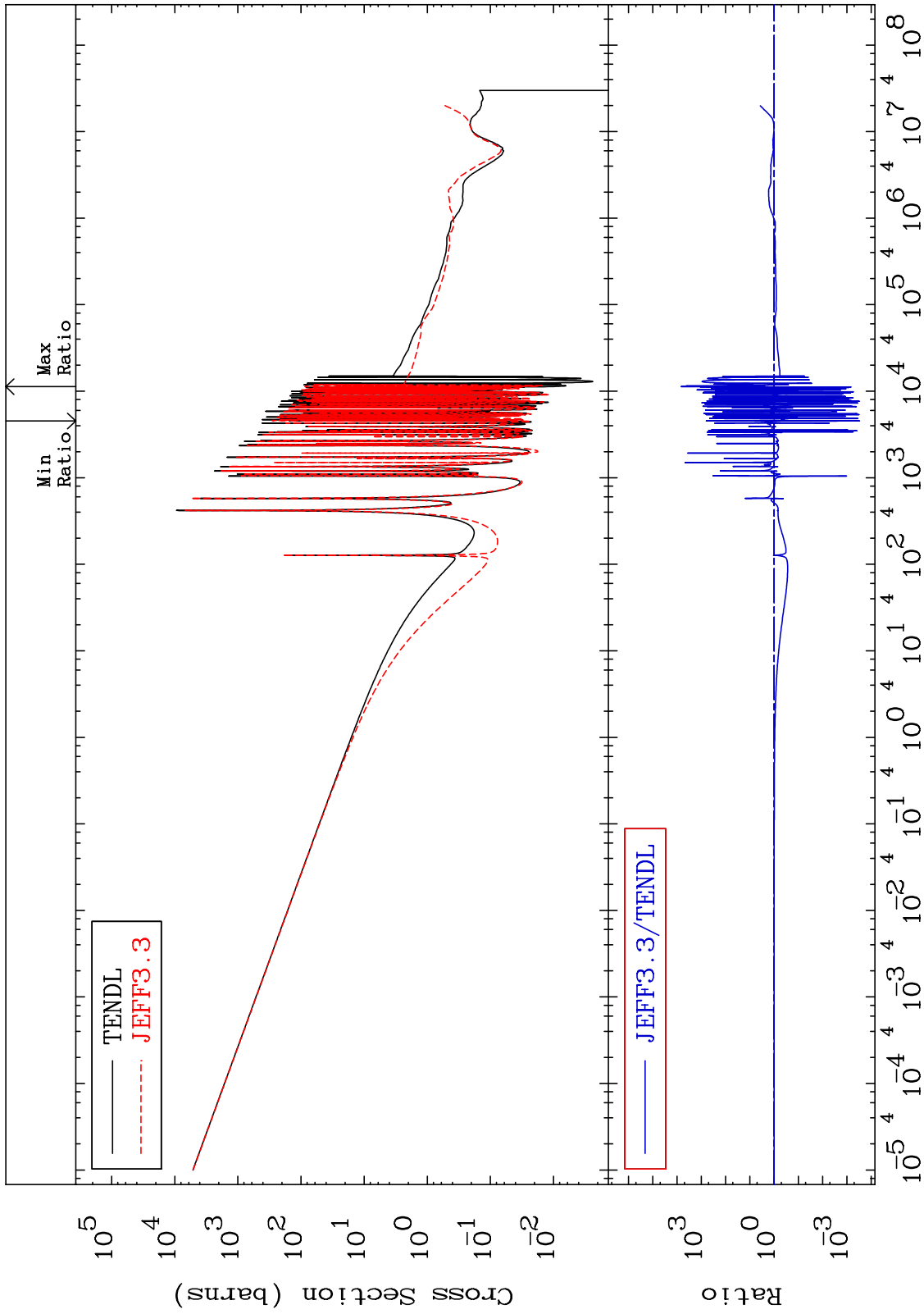
56-Ba-137
1097. To 9999. %



MAT 5646

Kerma capture (mt102)
Cross Section

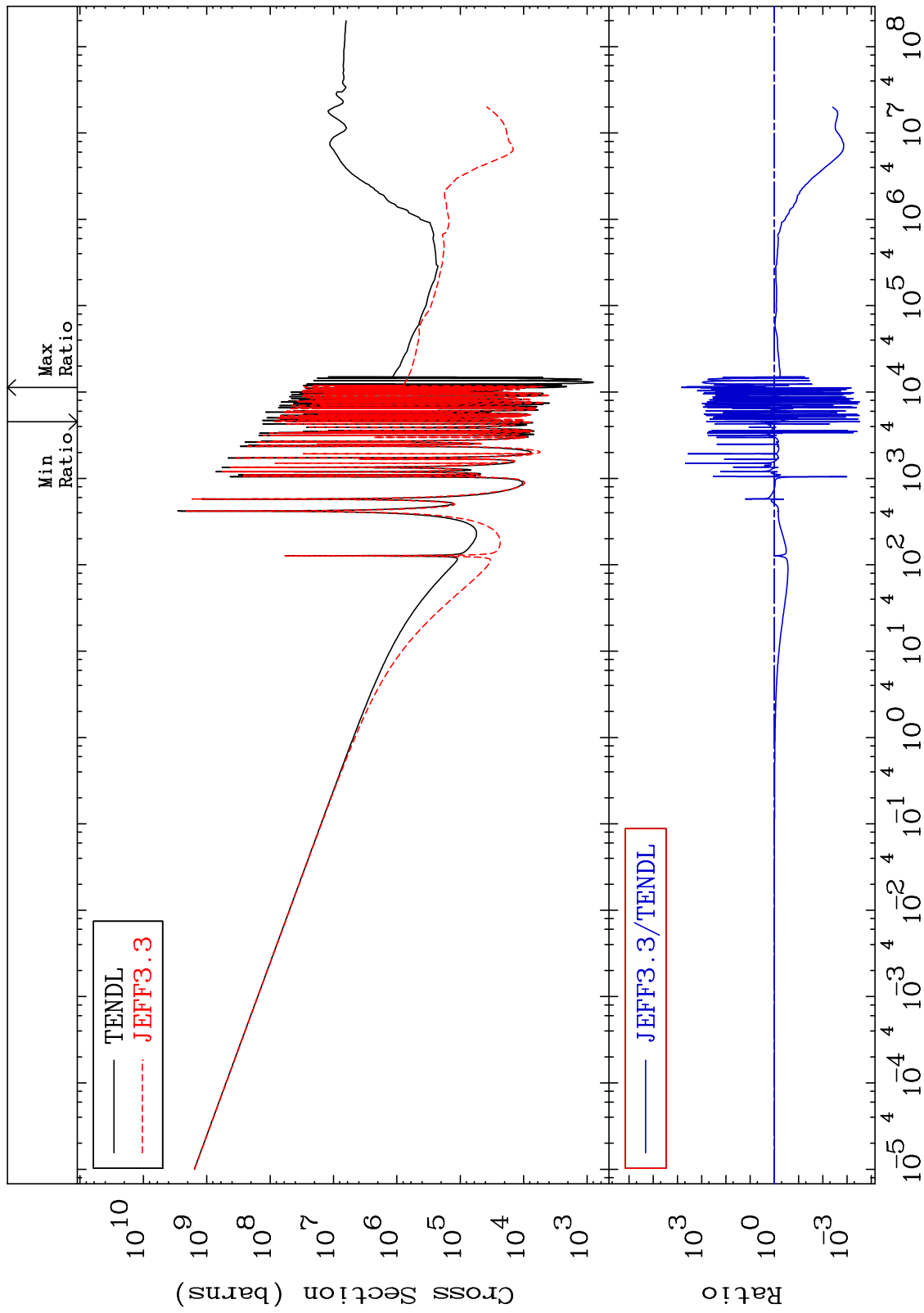
56-Ba-137
-99.97 To 9999. %



MAT 5646

Total photon (eV-barns)
Cross Section

56-Ba-137
-99.97 To 9999. %

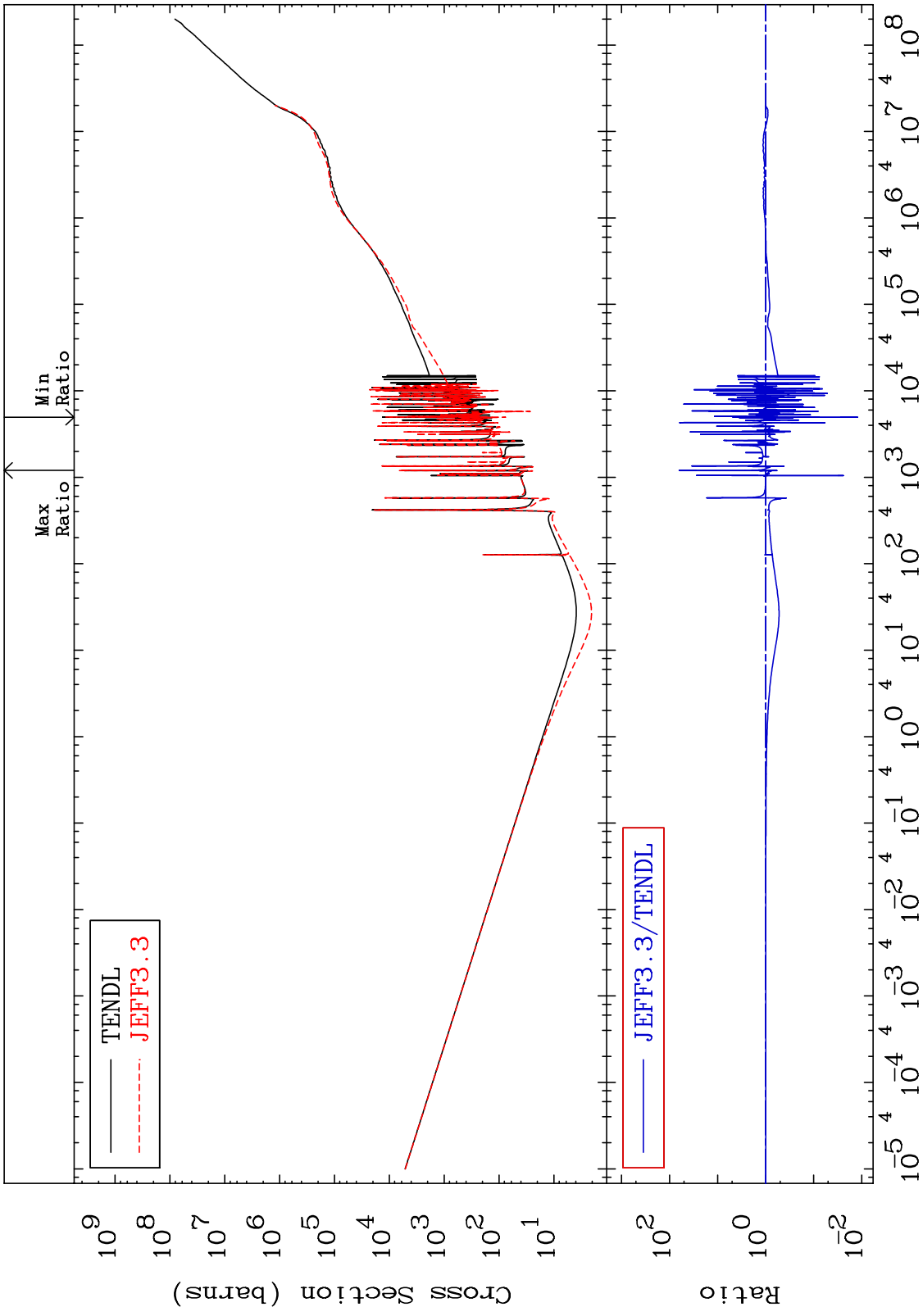


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Incident Energy (eV)

56-Ba-137

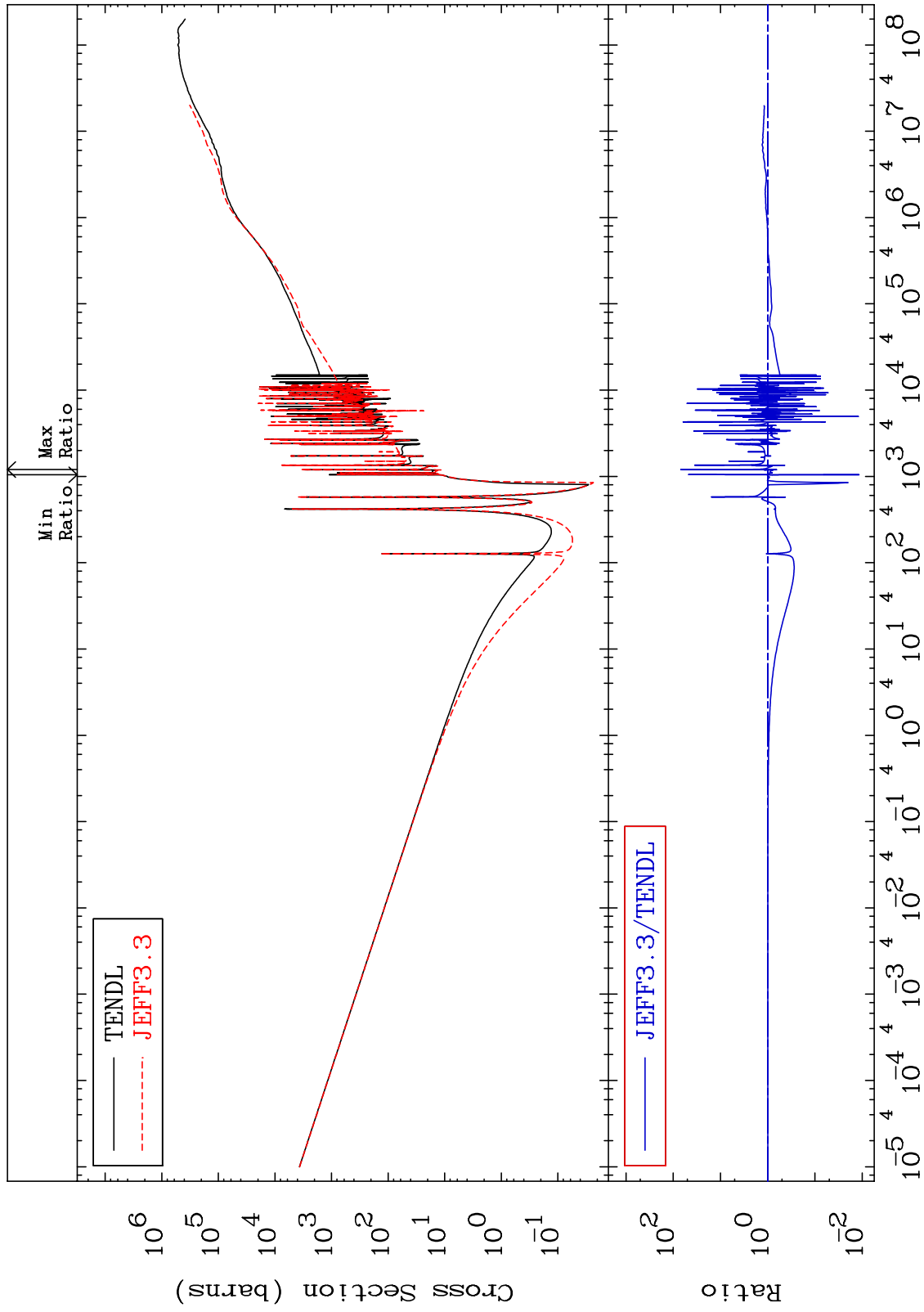
MAT 5646 Total kinematic kerma (high limit) 56-Ba-137
 Cross Section -98.79 To 6249. %



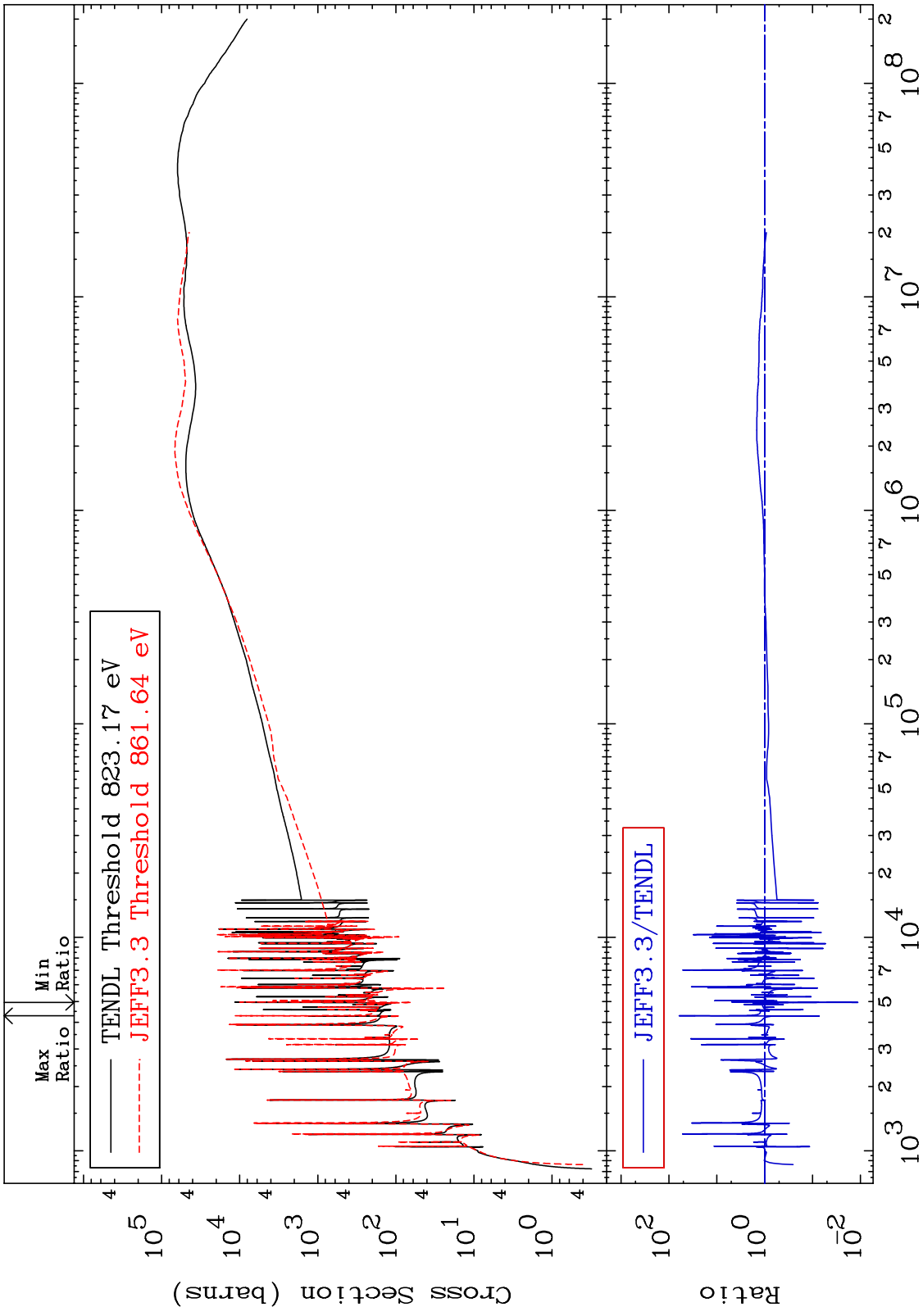
MAT 5646

Dpa total (eV-barns)
Cross Section

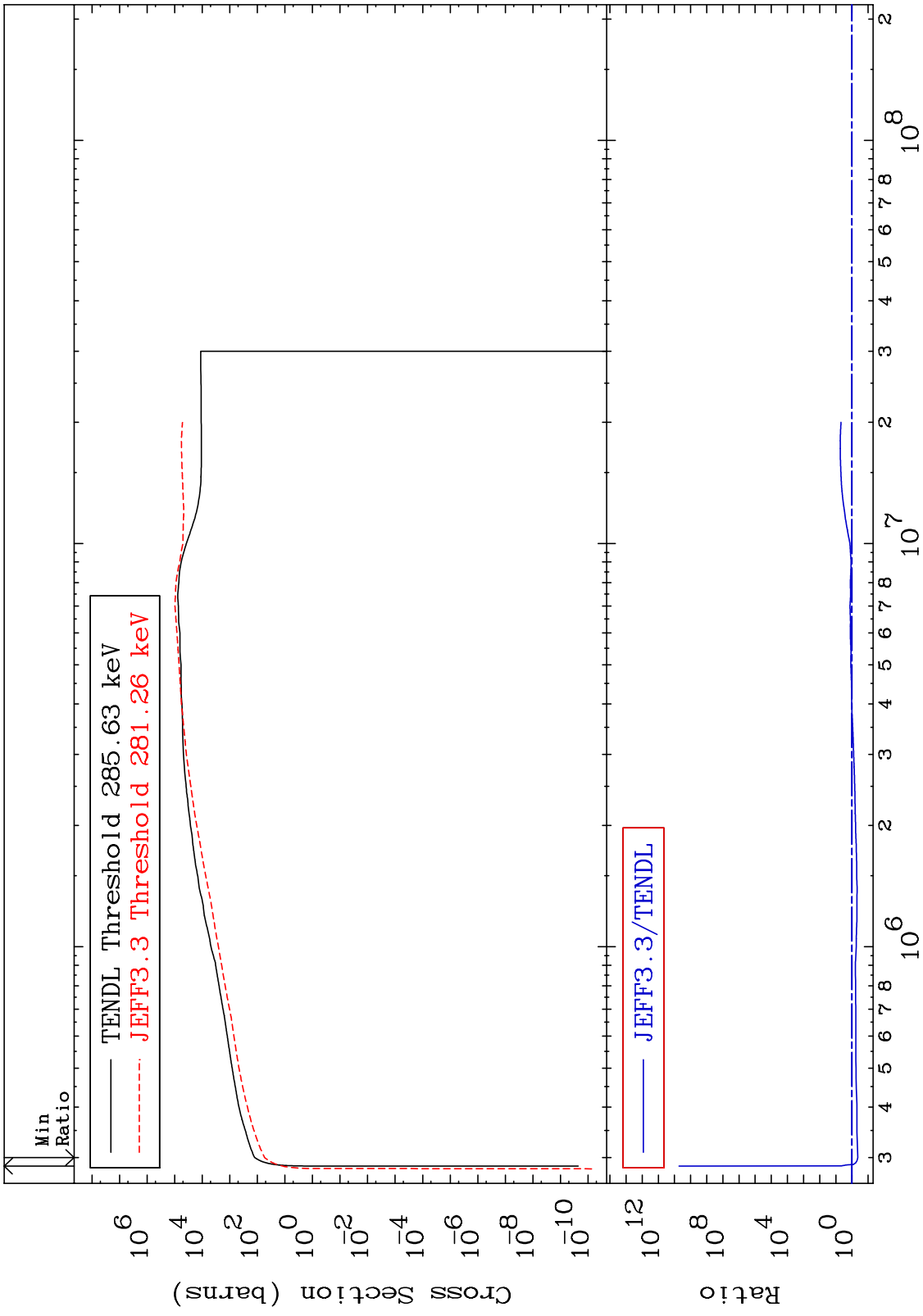
56-Ba-137
-98.83 To 6862. %



MAT 5646 56-Ba-137
 Dpa elastic (mt2) -98.87 To 6024. %
 Cross Section



Incident Energy (eV) 56-Ba-137



MAT 5646

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-137
-99.97 To 9999. %

