

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

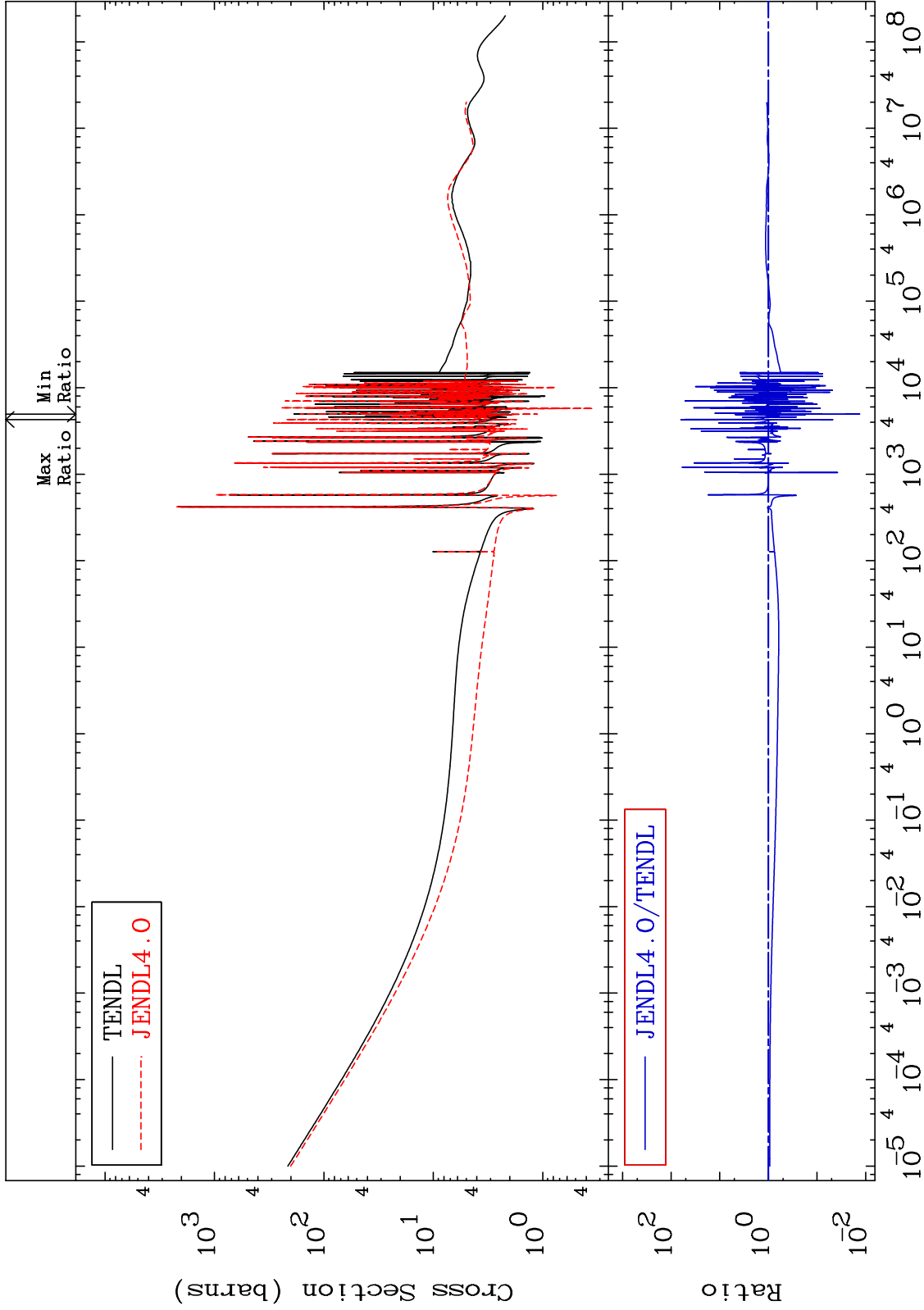
MAT 5646

Total

56-Ba-137

Cross Section

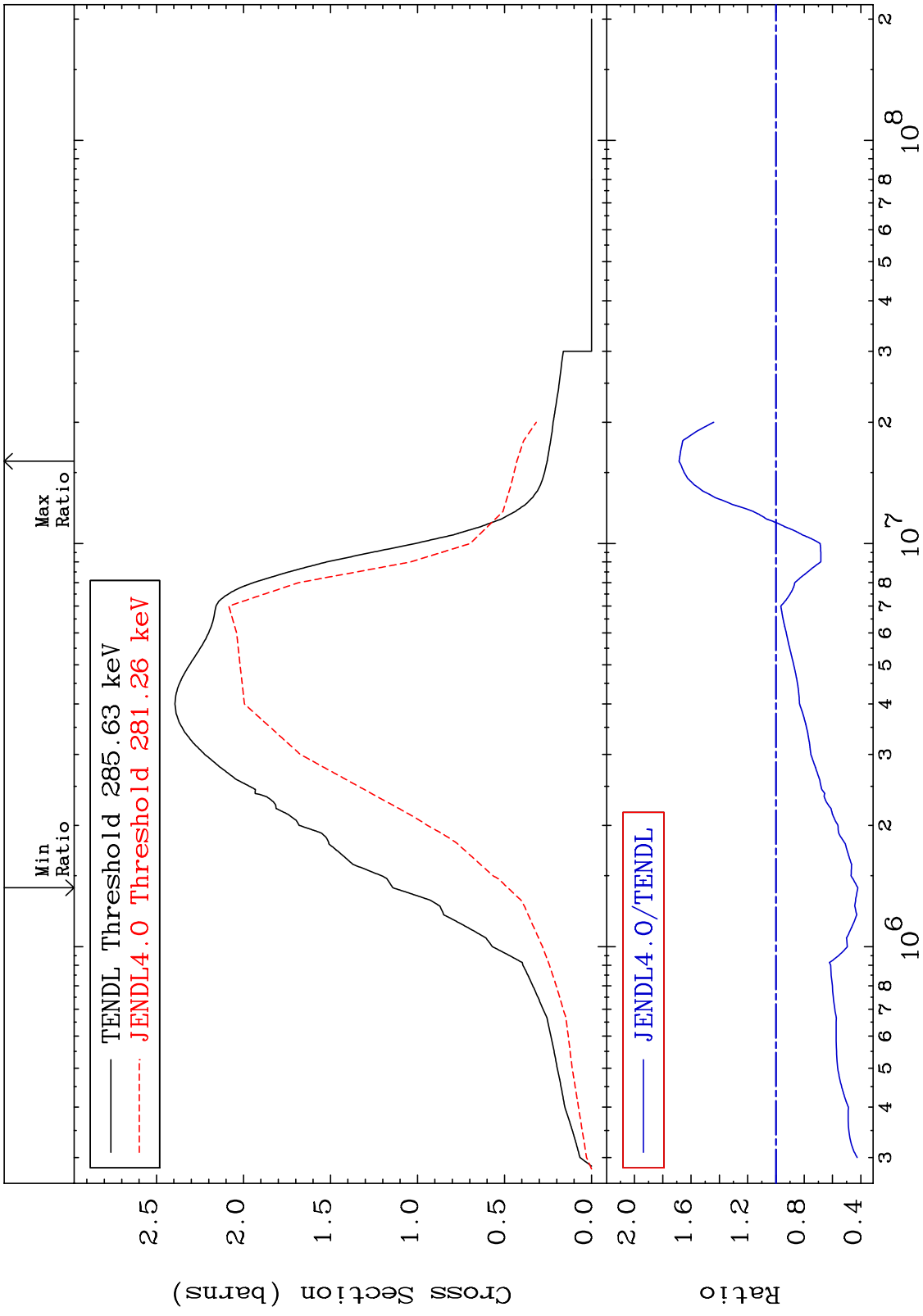
-98.67 To 6222. %



Incident Energy (eV)

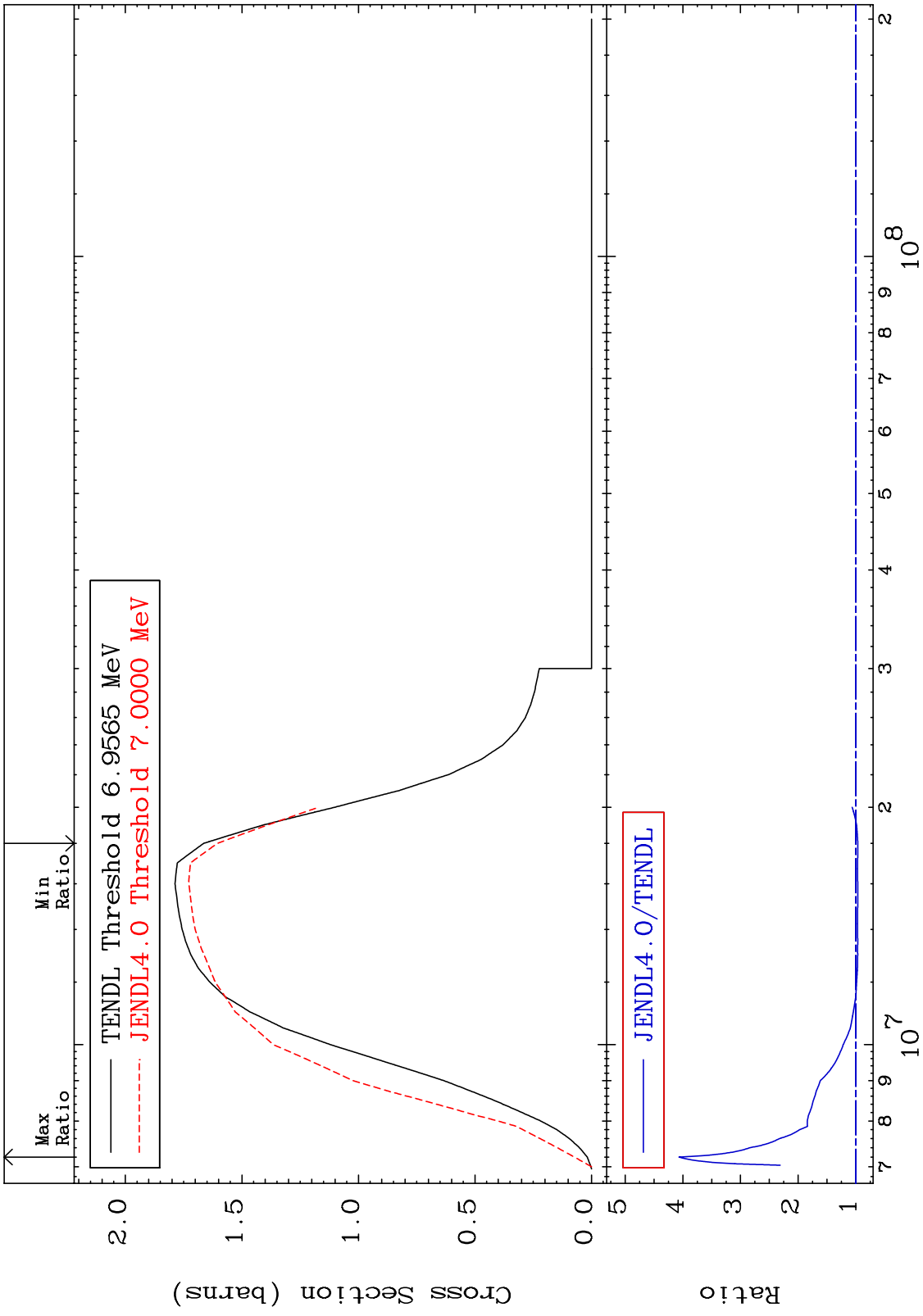
56-Ba-137

MAT 5646 Inelastic Cross Section 56-Ba-137 -57.88 To 68.48 %

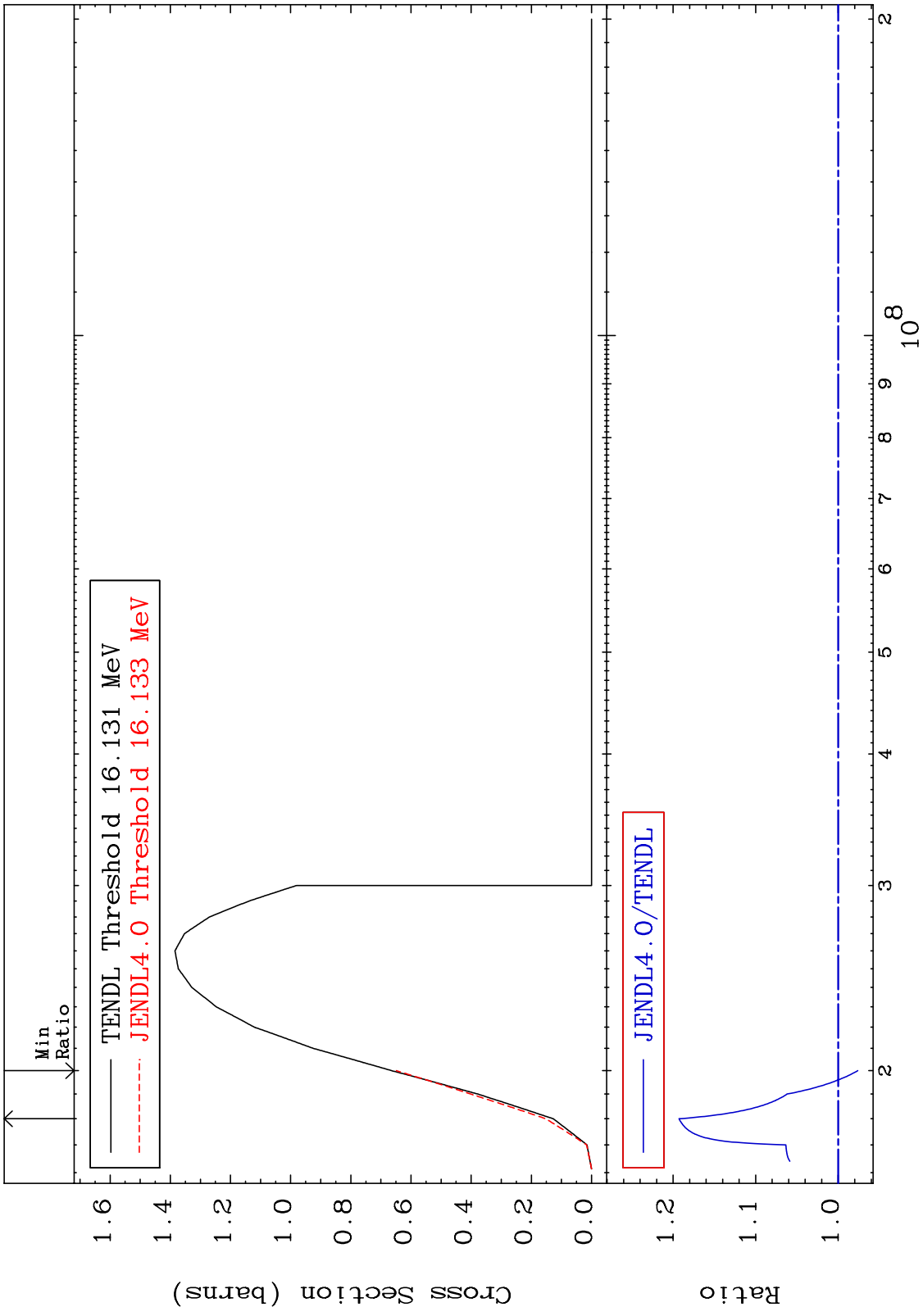


3 56-Ba-137

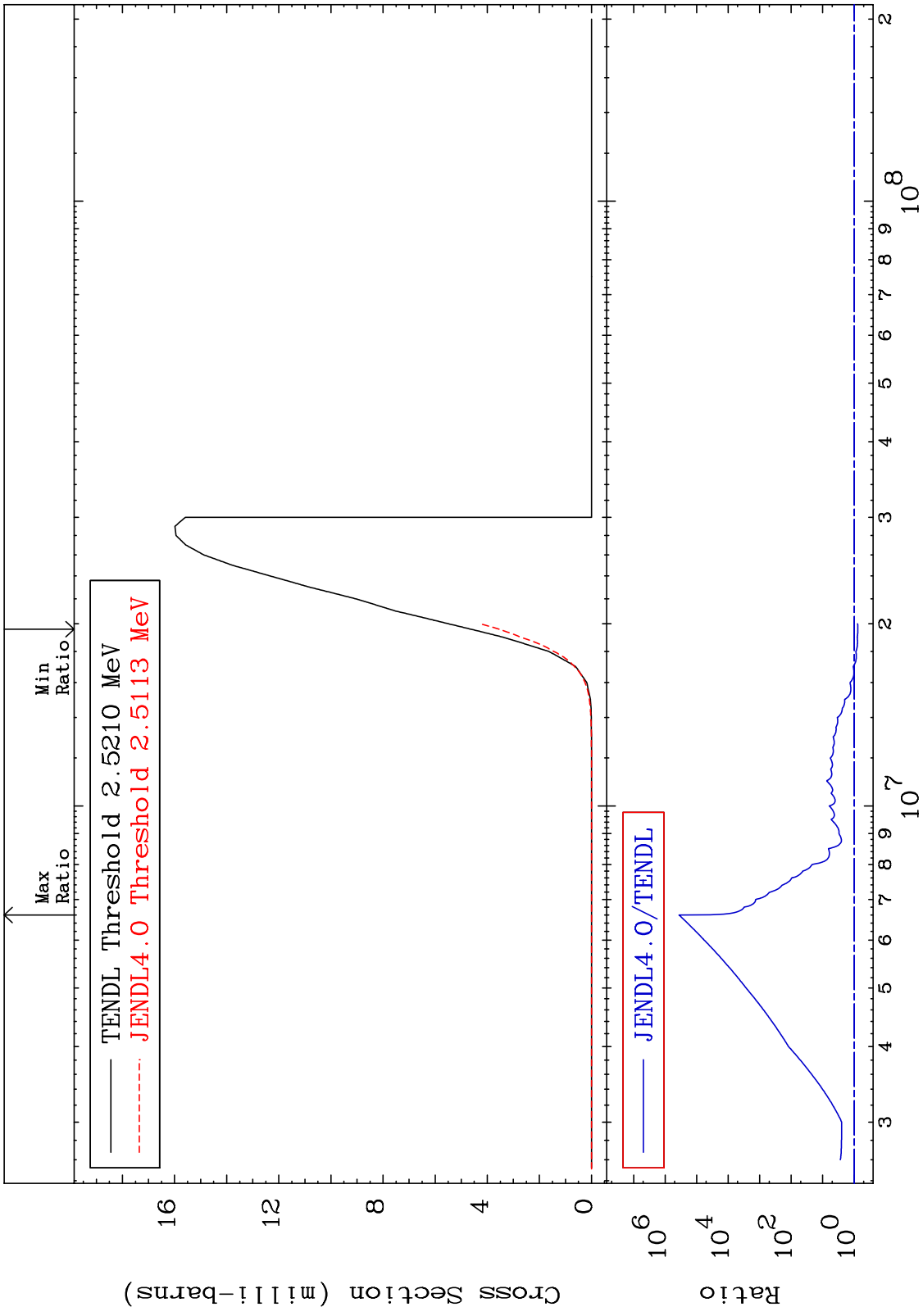
MAT 5646 (n,2n) Cross Section 56-Ba-137 -3.546 To 306.6 %



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

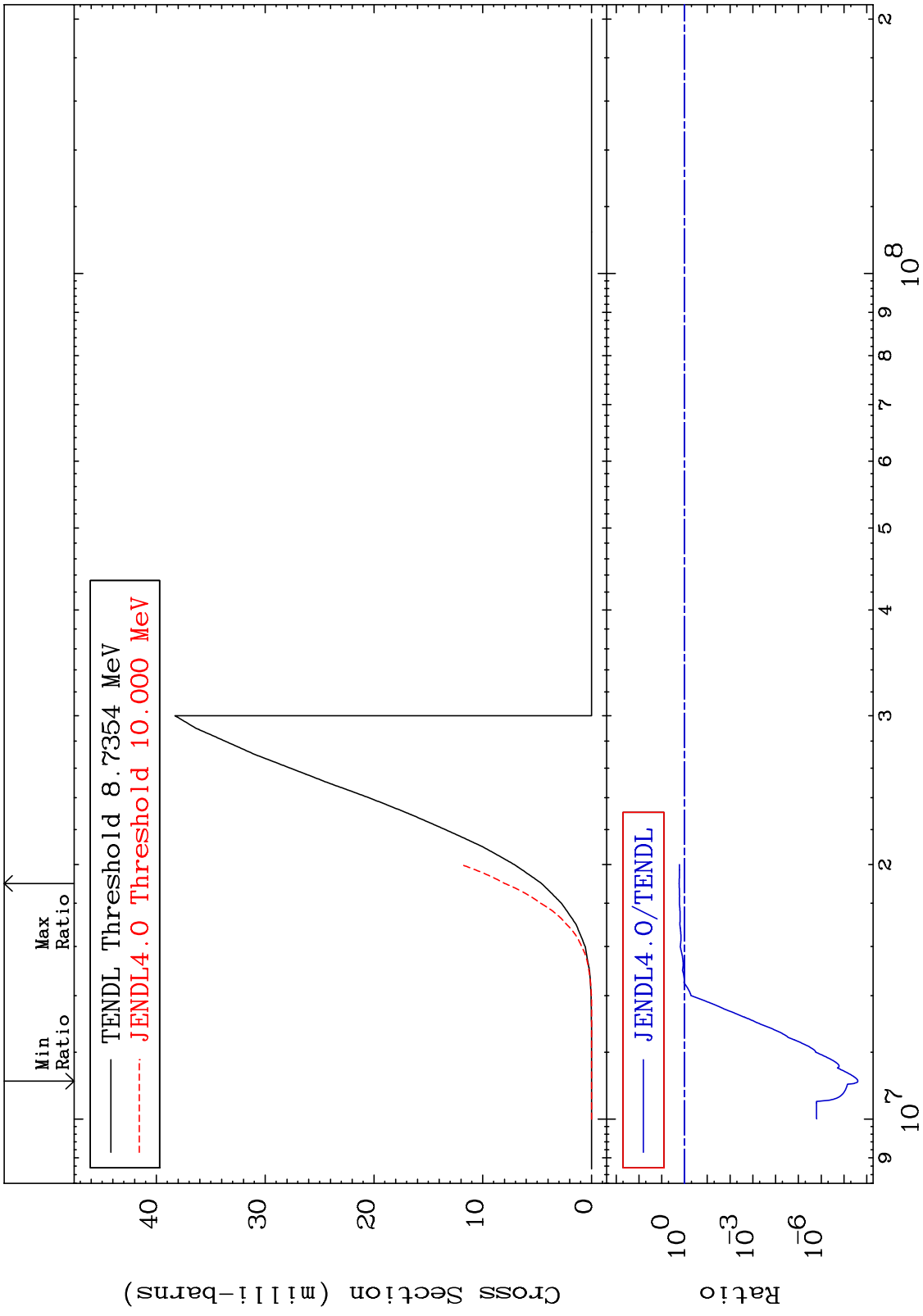


MAT 5646 $(n, n') \alpha$ 56-Ba-137
 -23.27 To 9999. %
 Cross Section



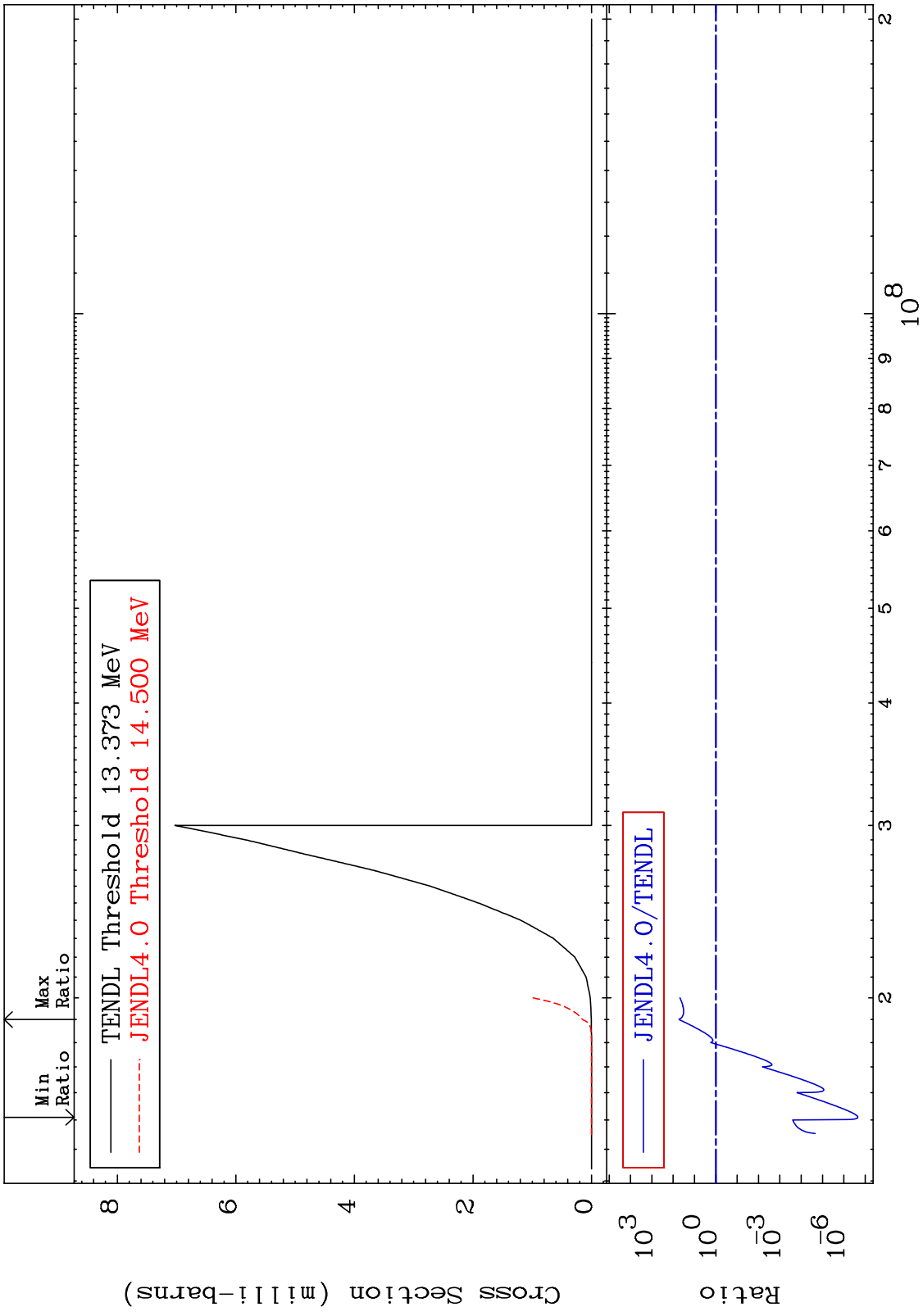
6 56-Ba-137

MAT 5646 (n, n') p $^{56}\text{Ba-137}$
 Cross Section -100.0 To 73.63 %

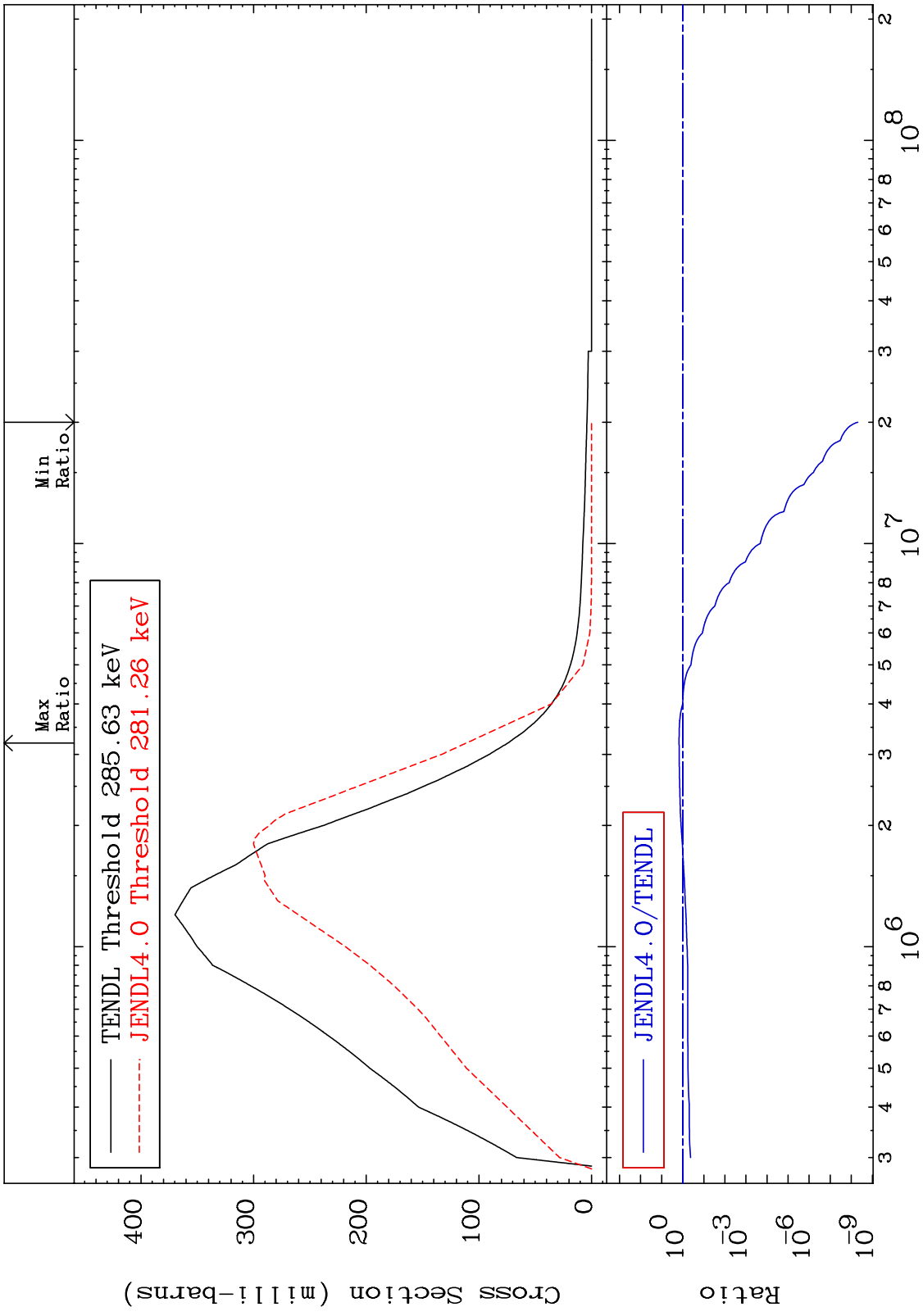


7 10^7 8 9 10^8 2
 $^{56}\text{Ba-137}$

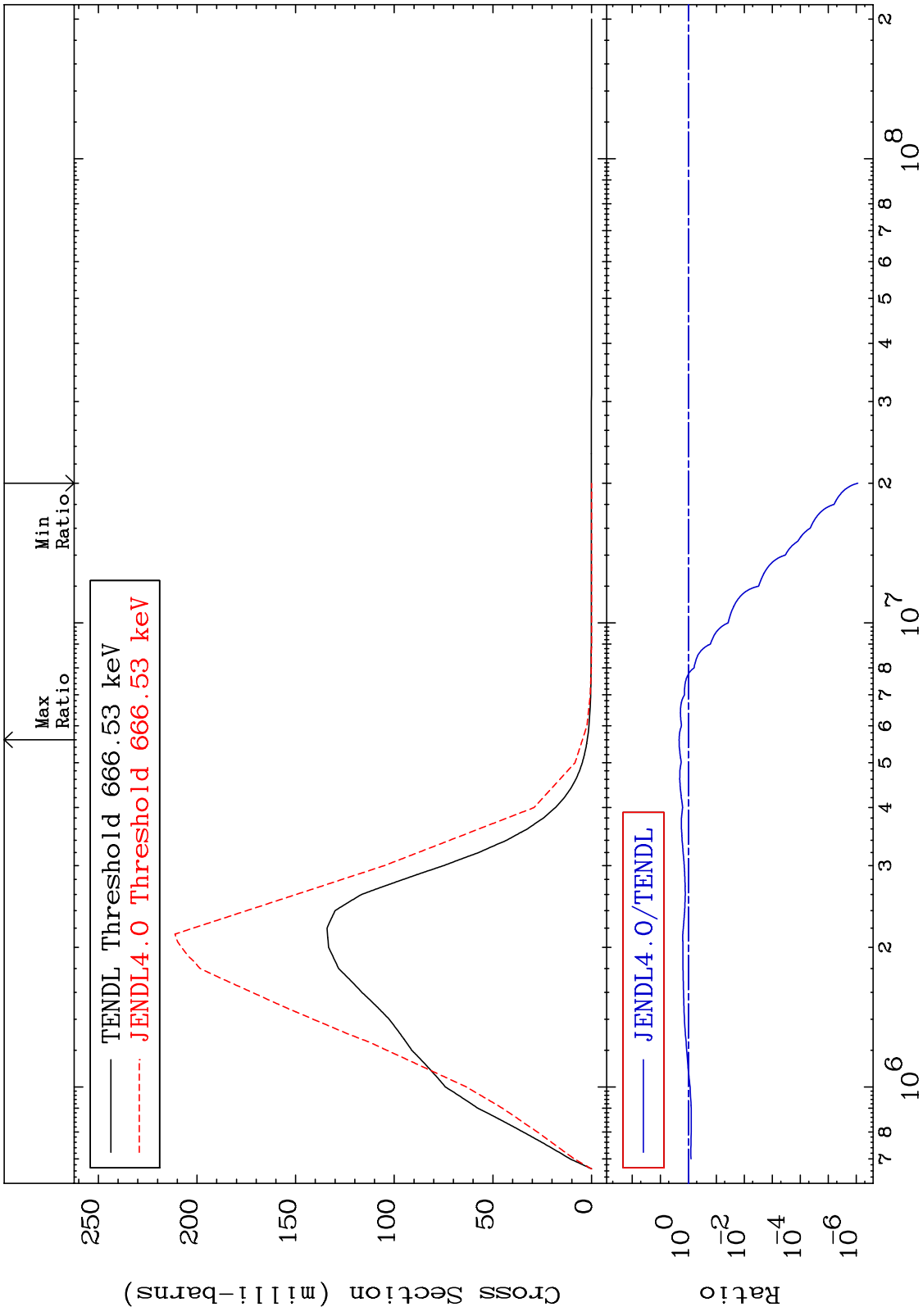
MAT 5646 (n, n') d 56-Ba-137
 Cross Section -100.0 To 5206. %



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

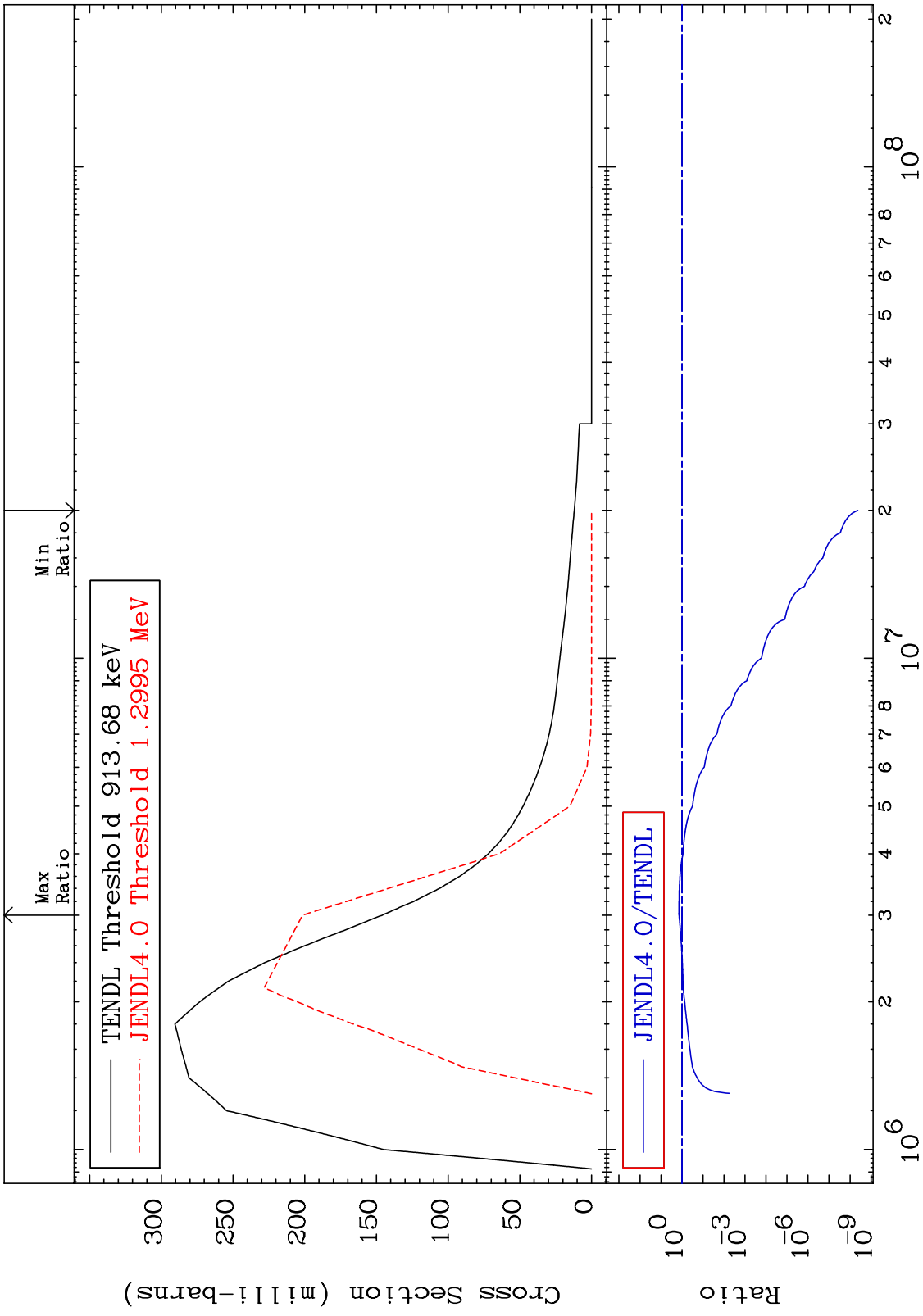


MAT 5646 MT= 52 (n,n') Level Cross Section 56-Ba-137 -100.0 To 114.1 %



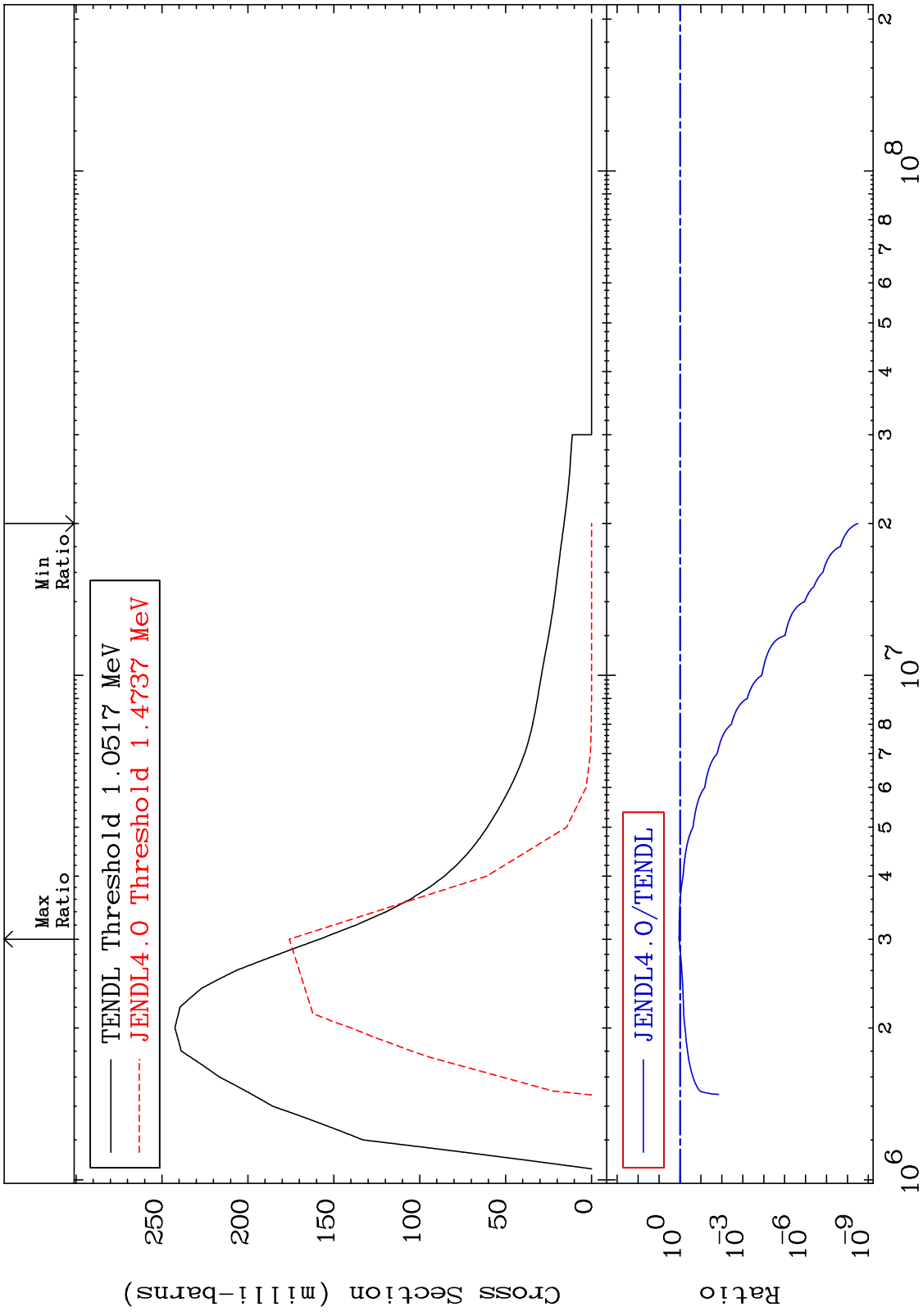
10 Incident Energy (eV) 56-Ba-137

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



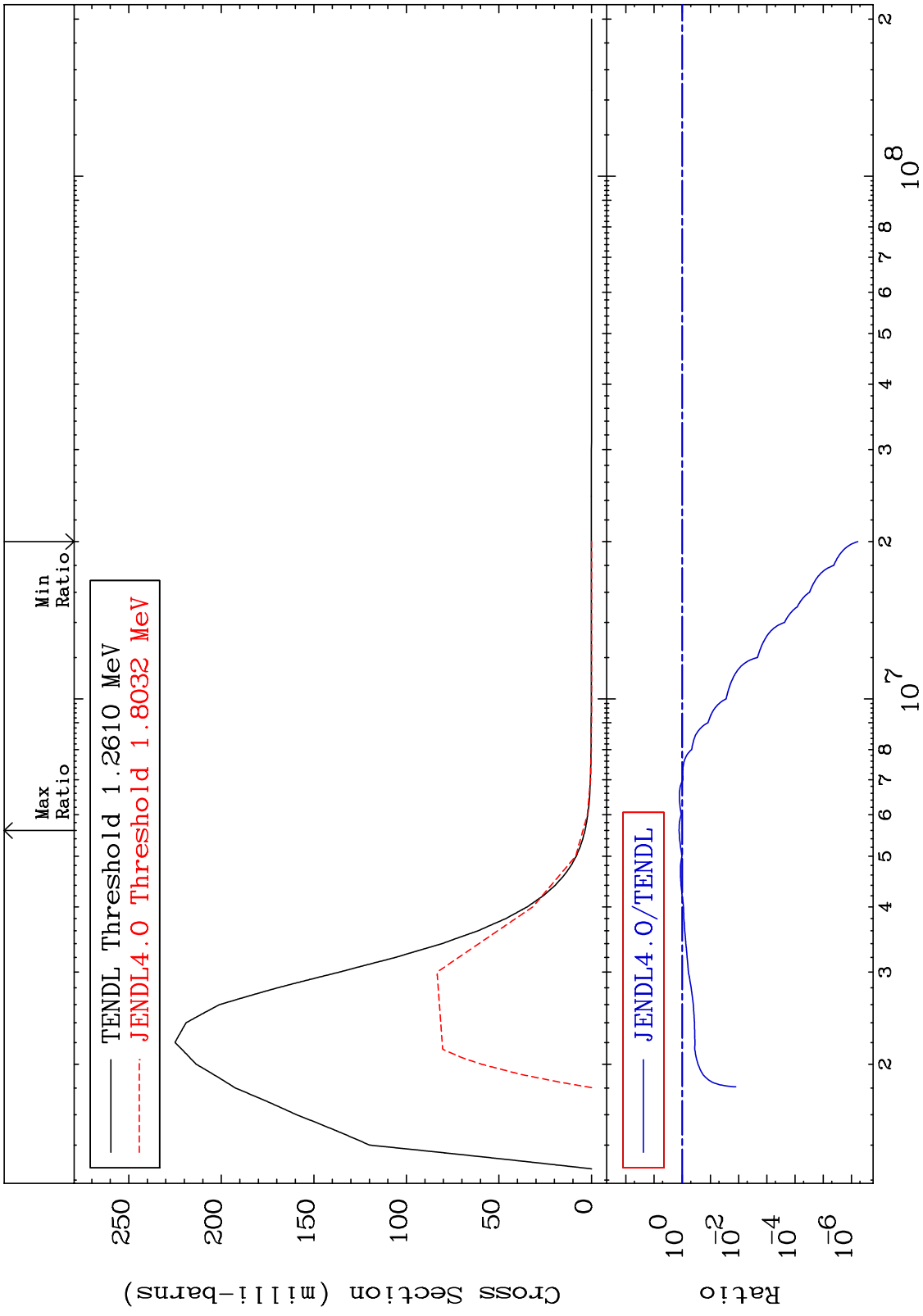
11 Incident Energy (eV) 56-Ba-137

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

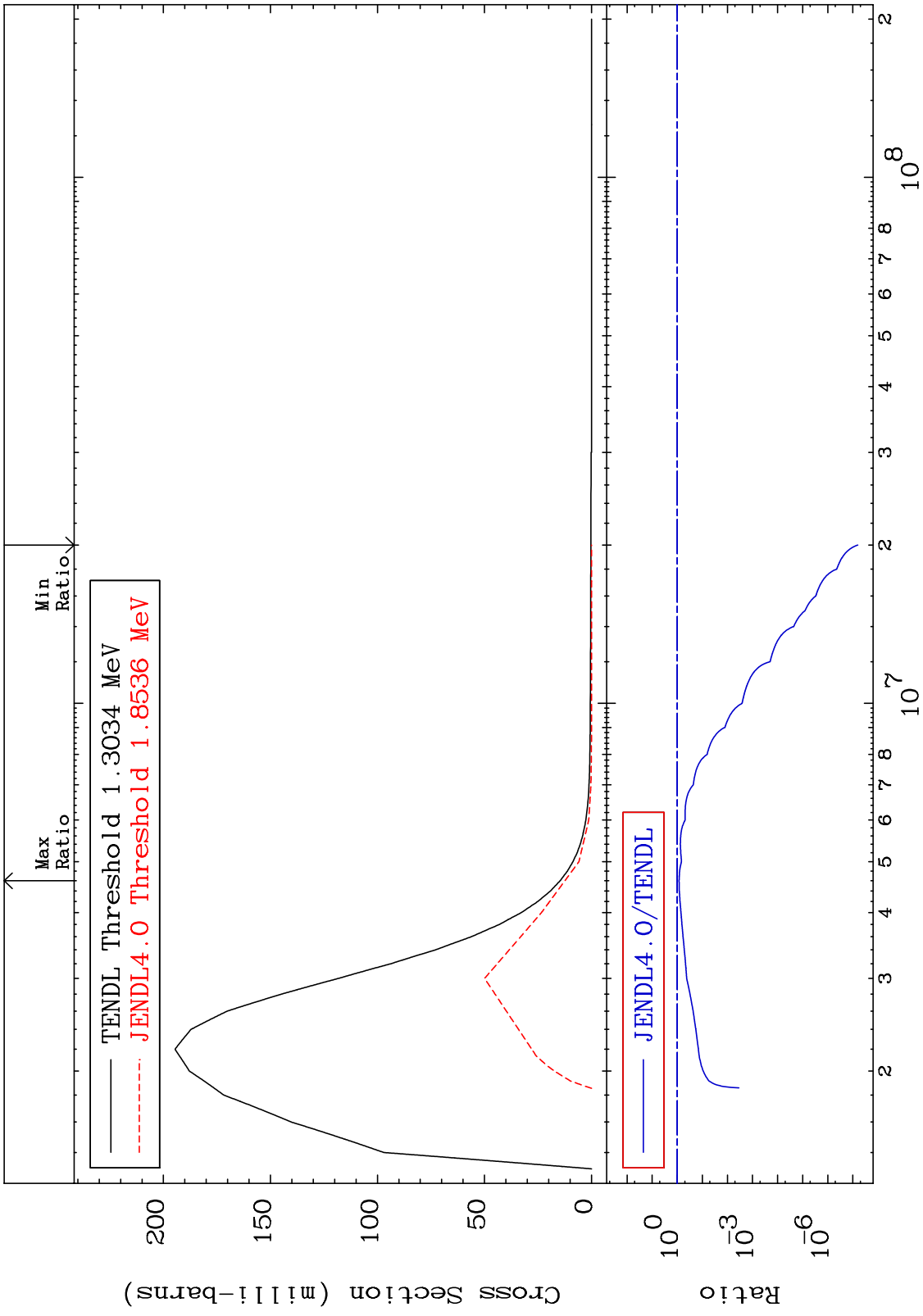


12 Incident Energy (eV) 56-Ba-137

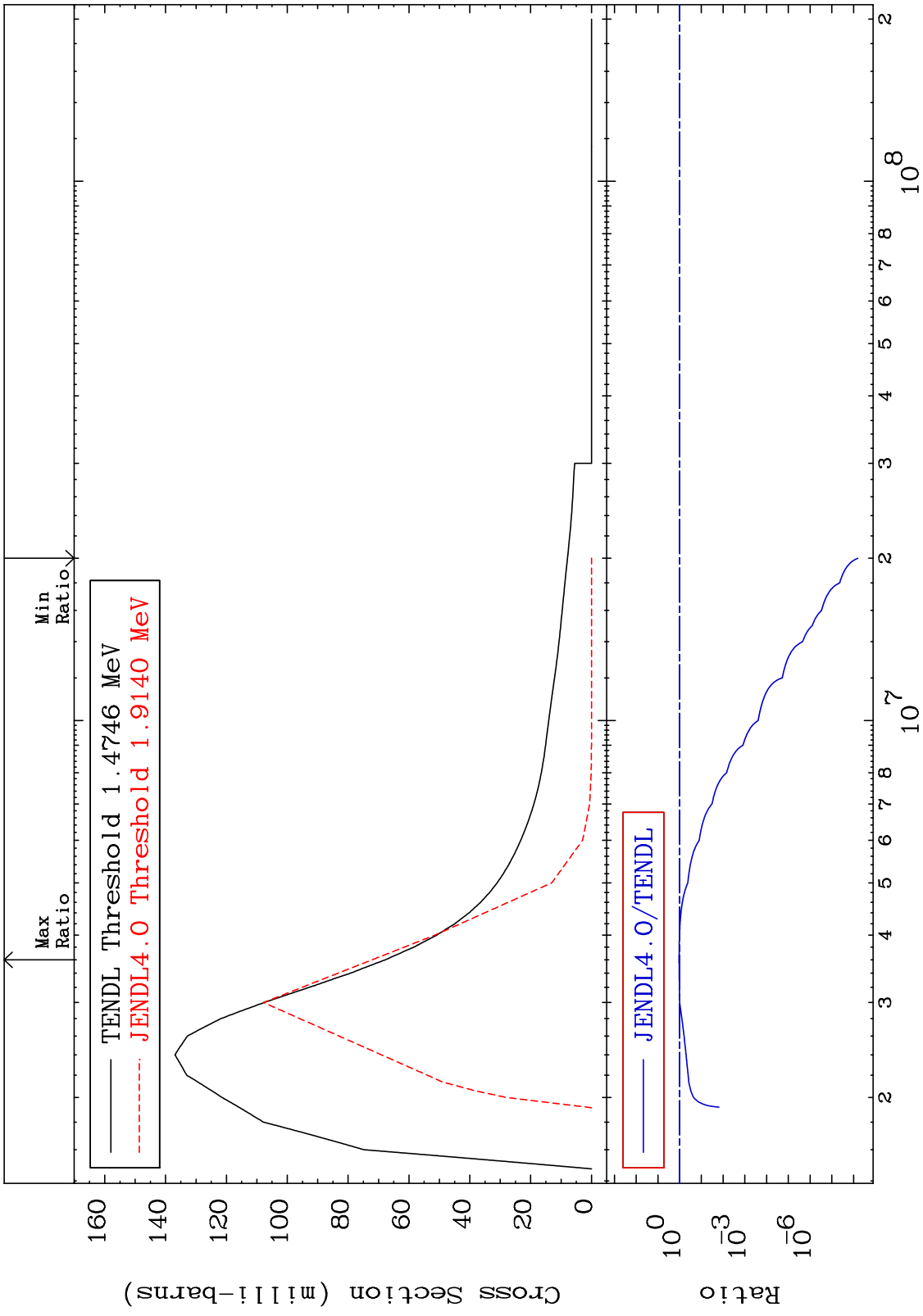
MAT 5646 MT= 55 (n,n') Level Cross Section 56-Ba-137 -100.0 To 30.91 %



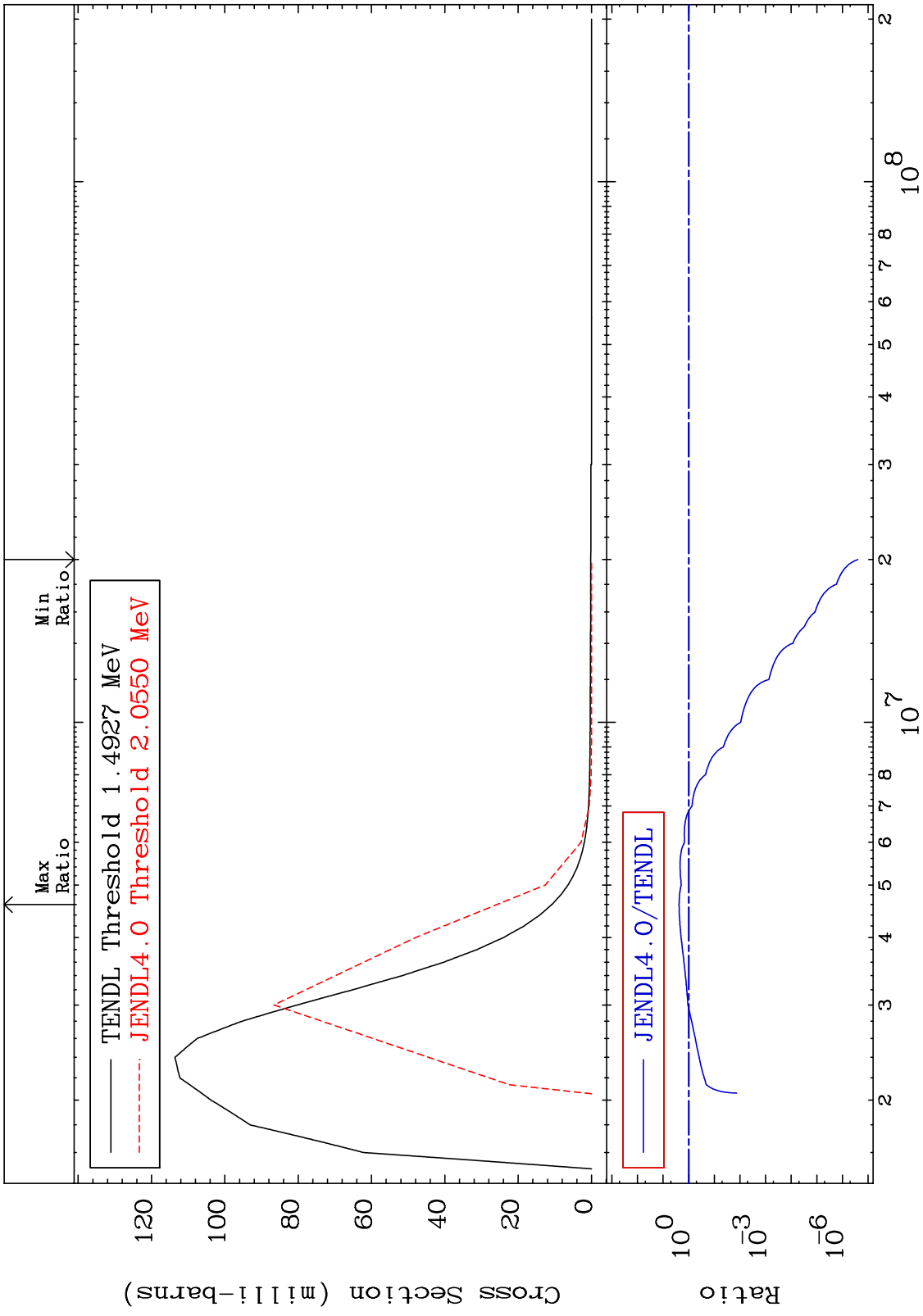
MAT 5646 MT= 56 (n,n') Level Cross Section 56-Ba-137 -100.0 To -15.10%



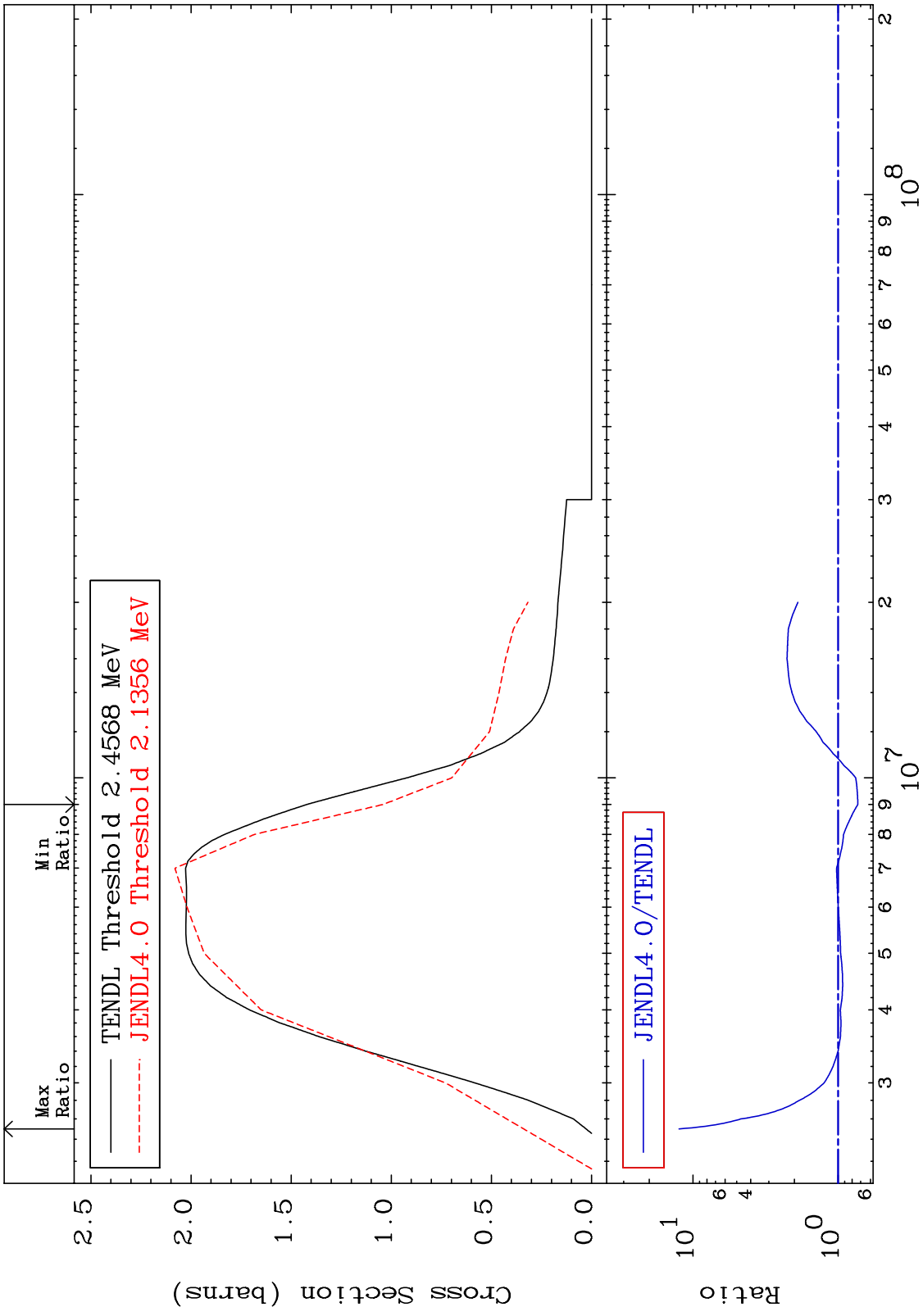
MAT 5646 MT= 57 (n,n') Level Cross Section 56-Ba-137 -100.0 To 6.454 %



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



16 56-Ba-137 Incident Energy (eV)



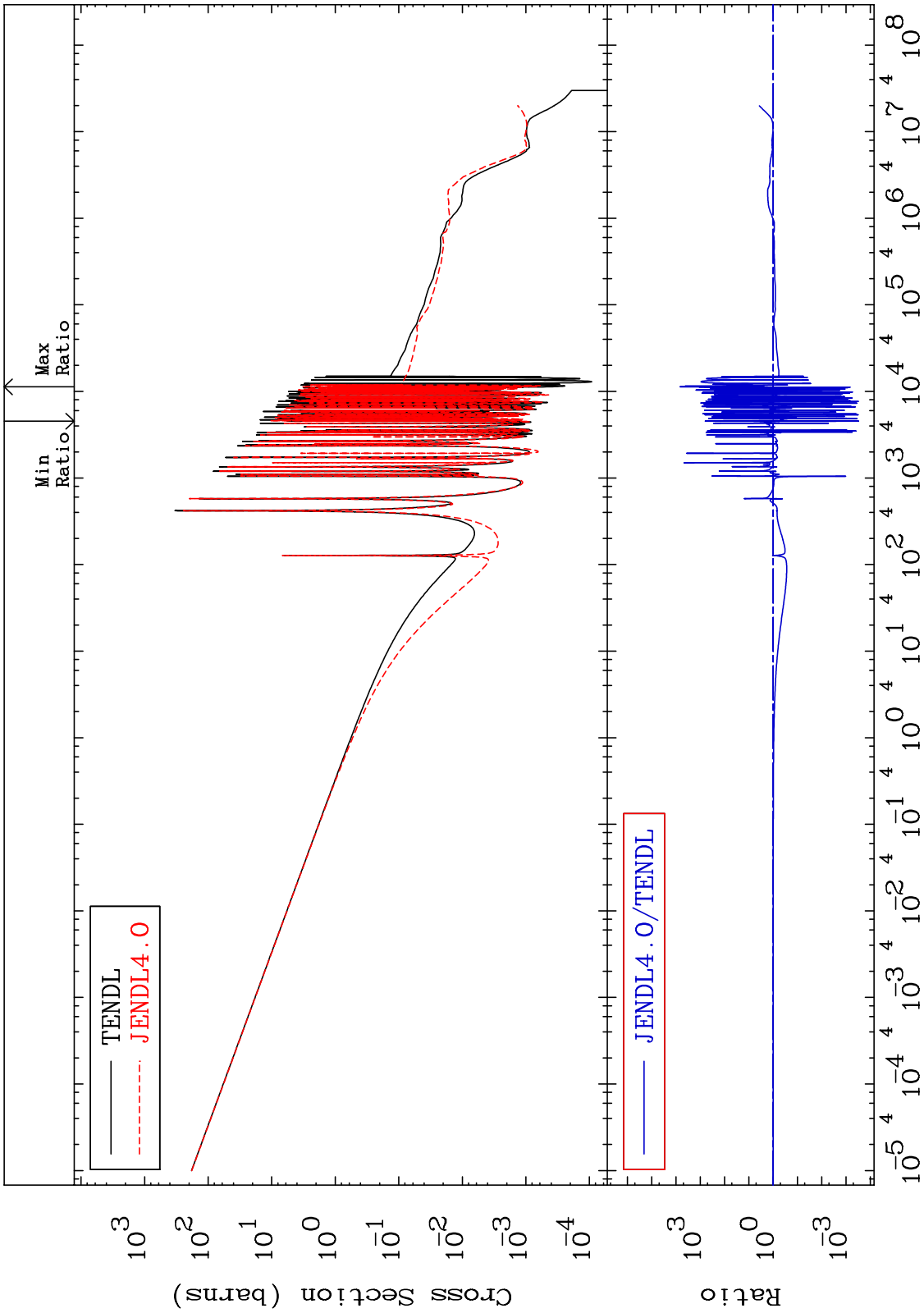
MAT 5646

(n, γ)

56-Ba-137

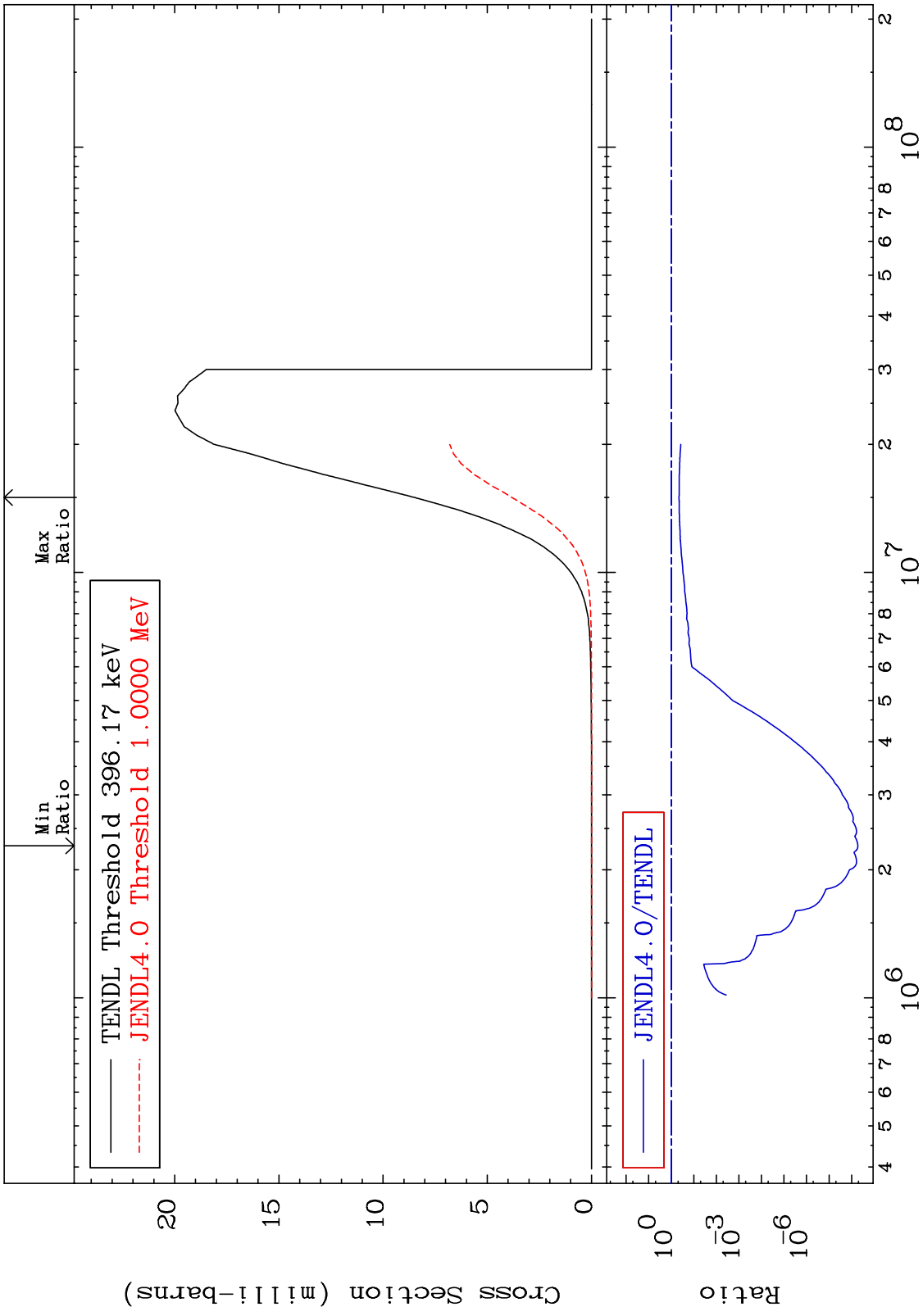
Cross Section

-99.97 To 9999. %



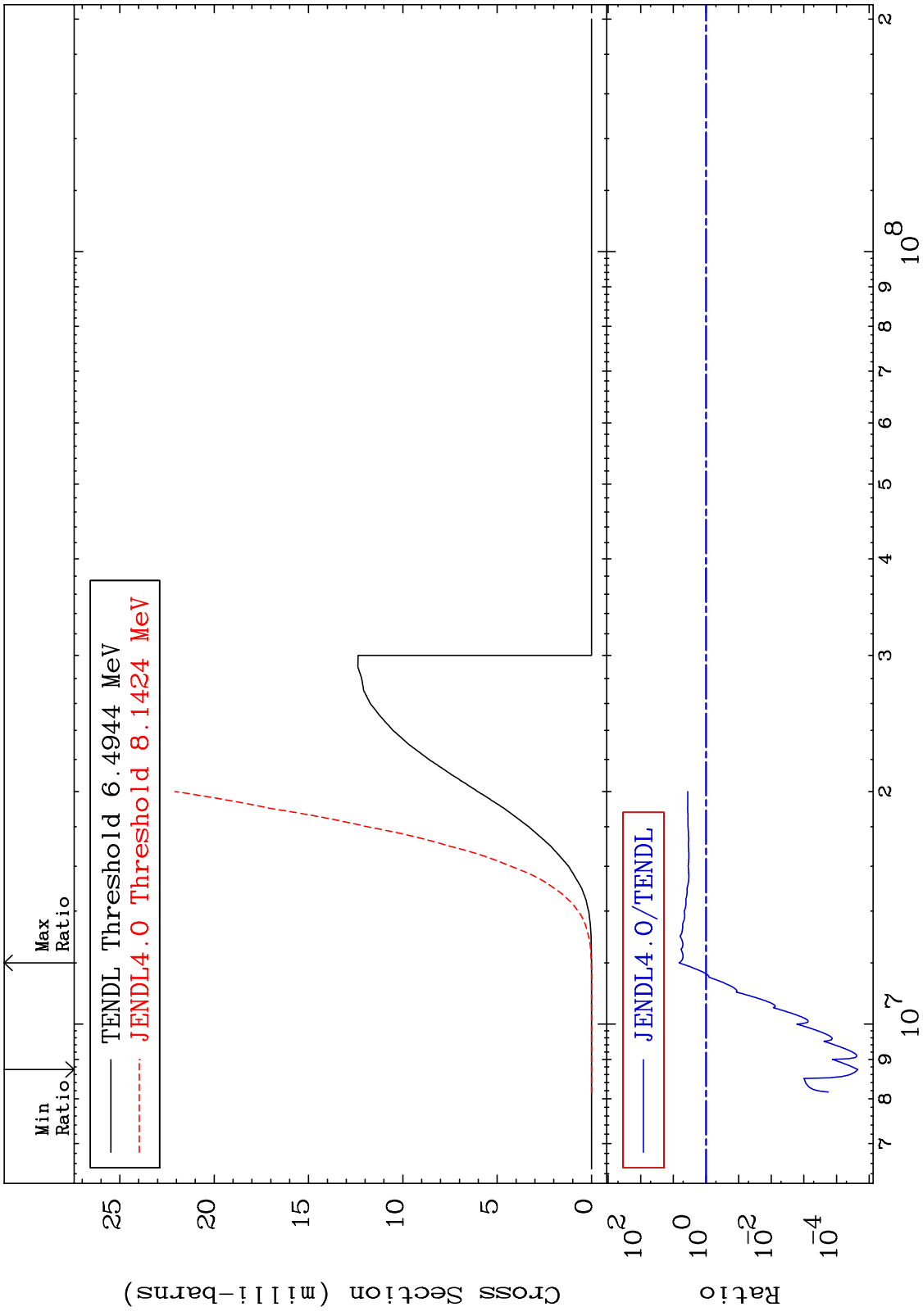
MAT 5646 56-Ba-137
-100.0 To -54.95%

(n,p)
 Cross Section



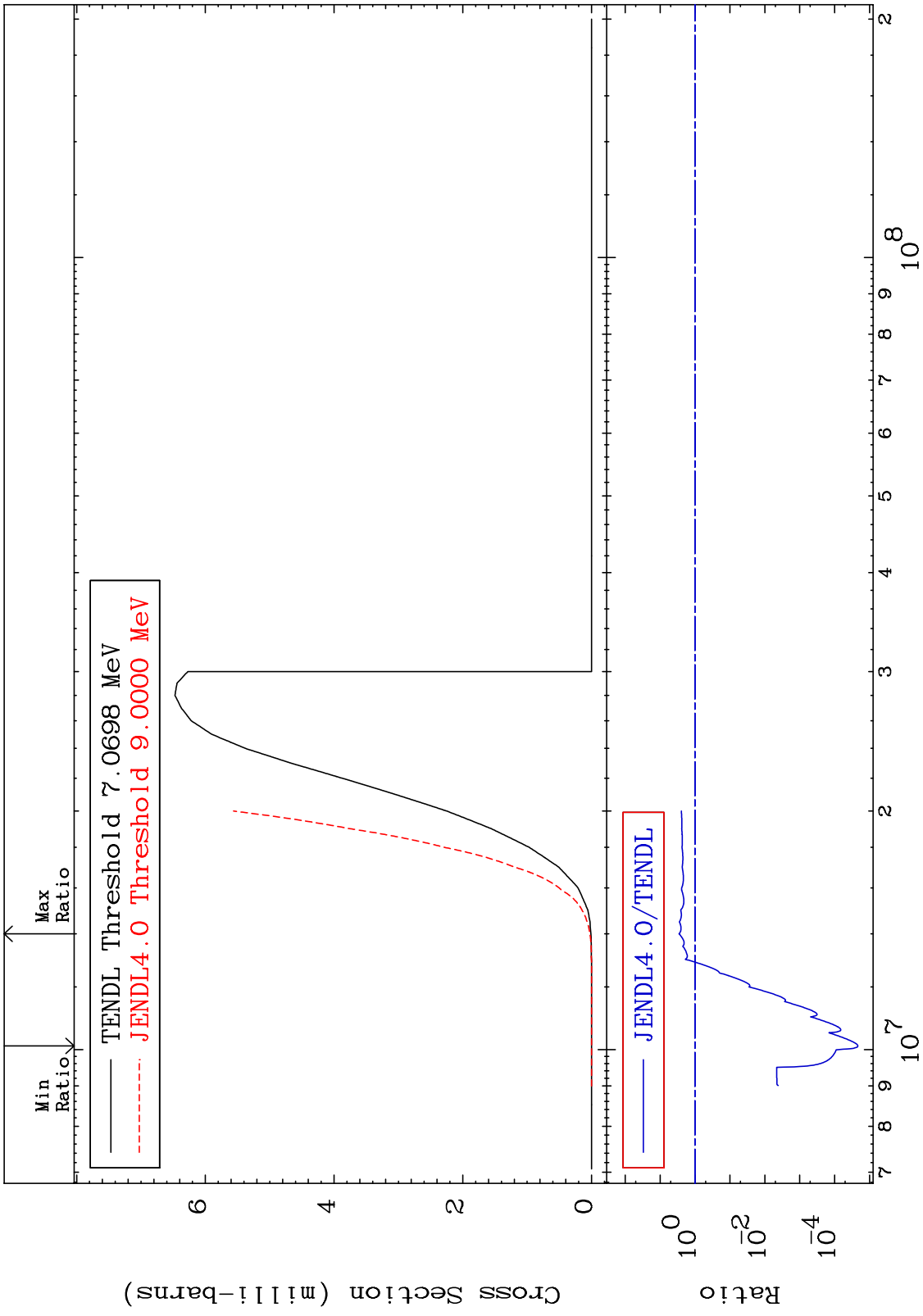
19 56-Ba-137

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

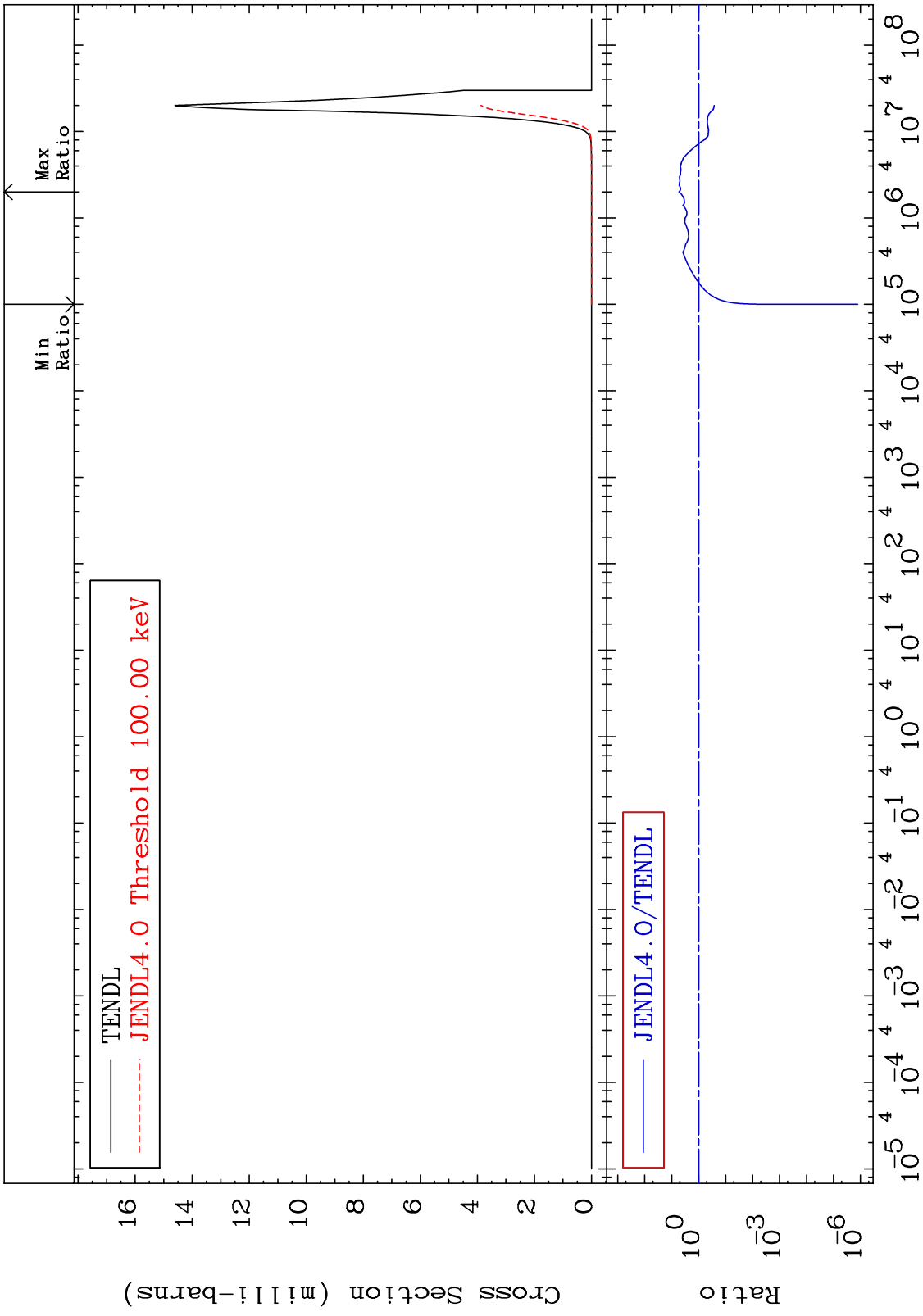


20 56-Ba-137

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



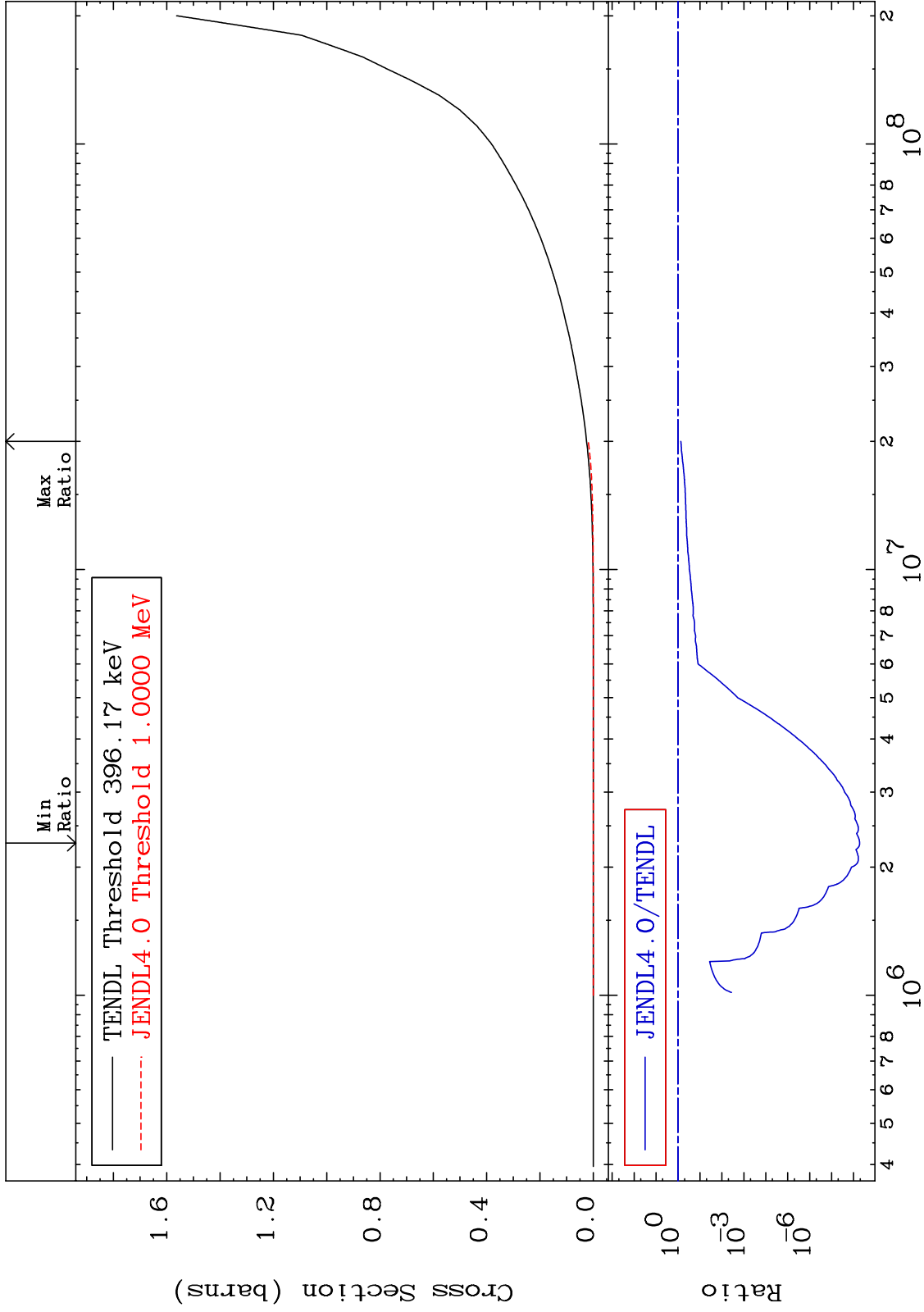
MAT 5646 (n, α) Cross Section $^{56}\text{Ba-137}$ -100.0 To 435.3 %



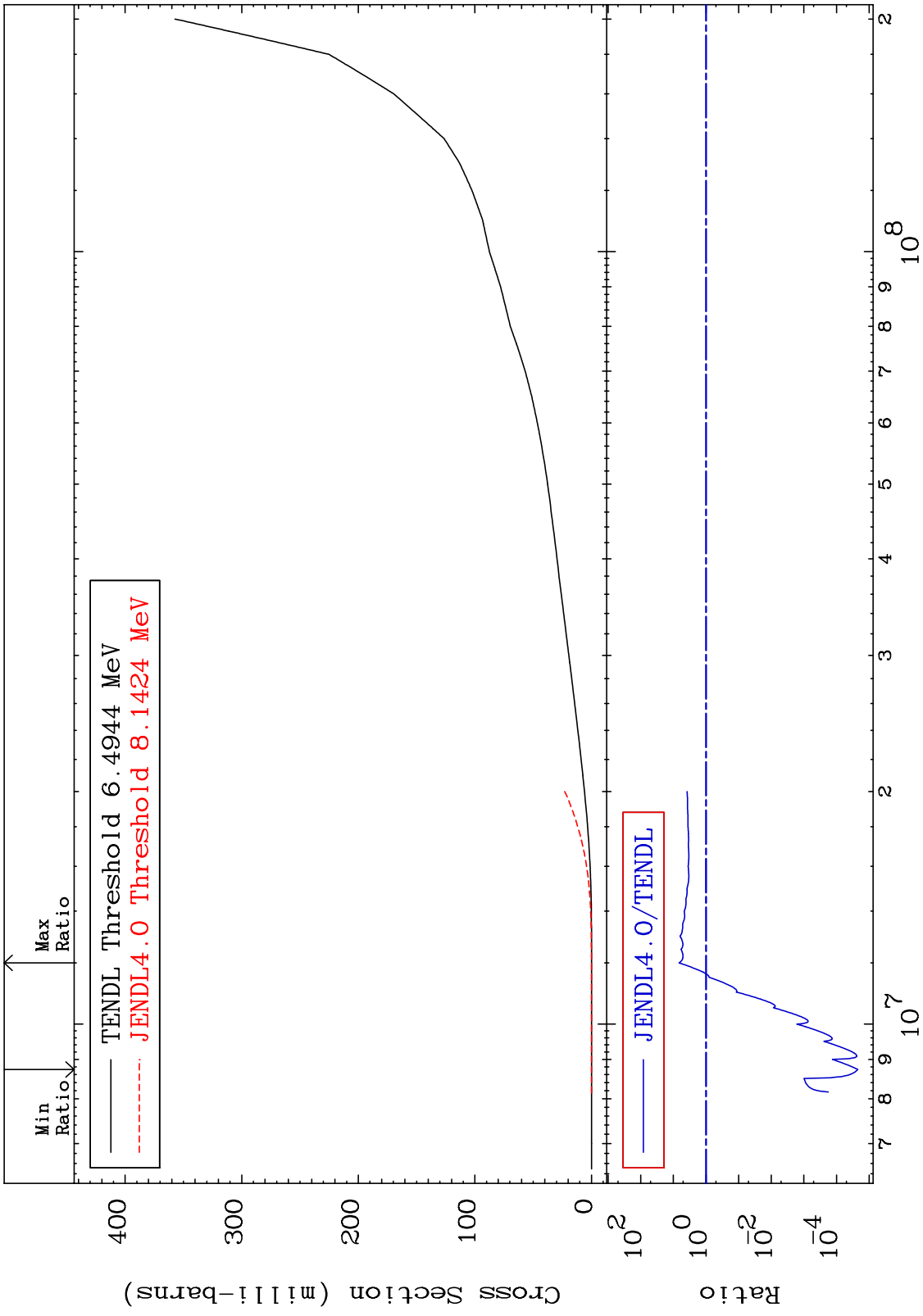
MAT 5646

Hydrogen Production
Cross Section

56-Ba-137
-100.0 To -25.52%

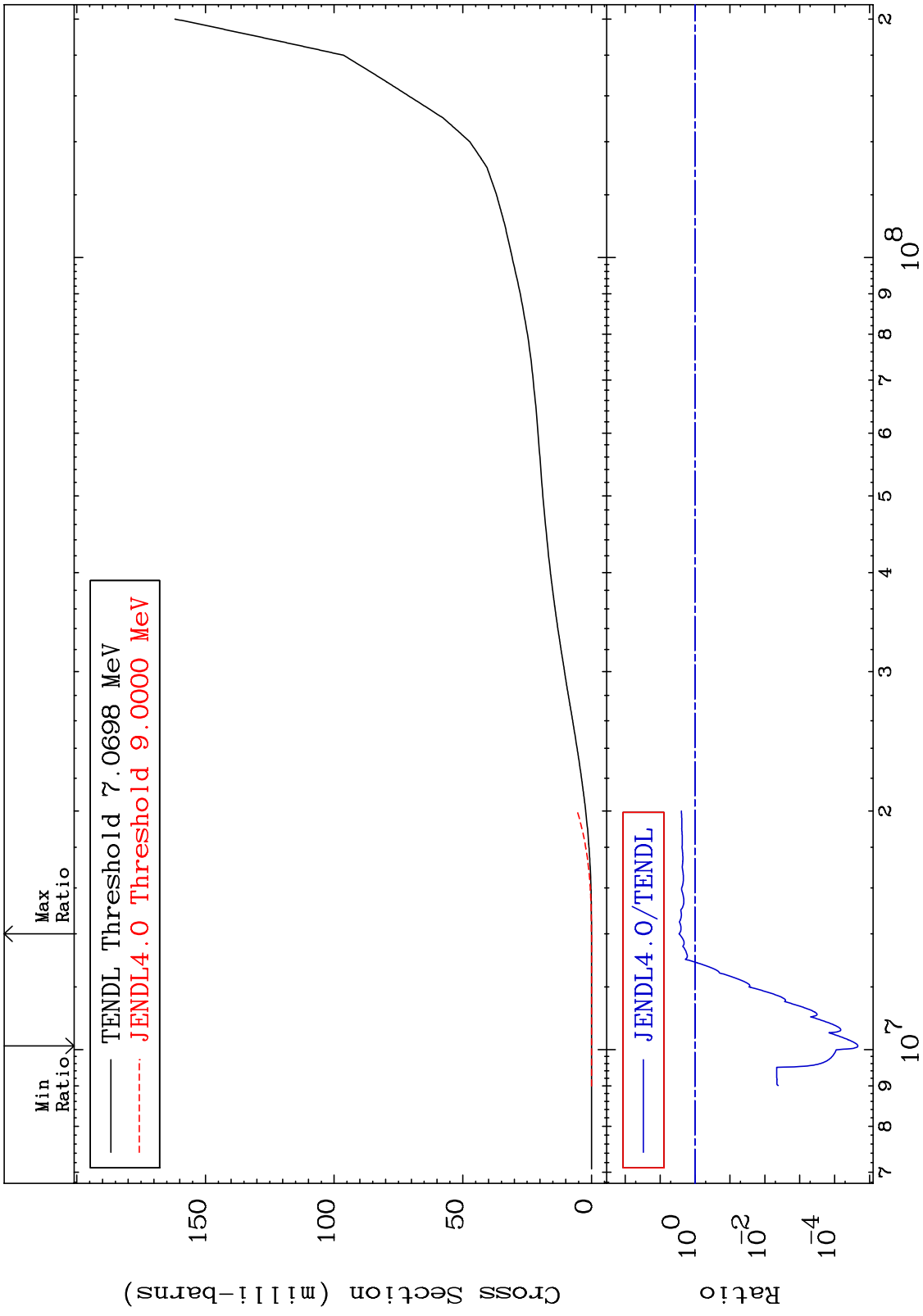


MAT 5646 Deuterium Production Cross Section 56-Ba-137 -100.0 To 570.7 %



24 56-Ba-137

MAT 5646 Tritium Production Cross Section 56-Ba-137 -100.0 To 187.4 %



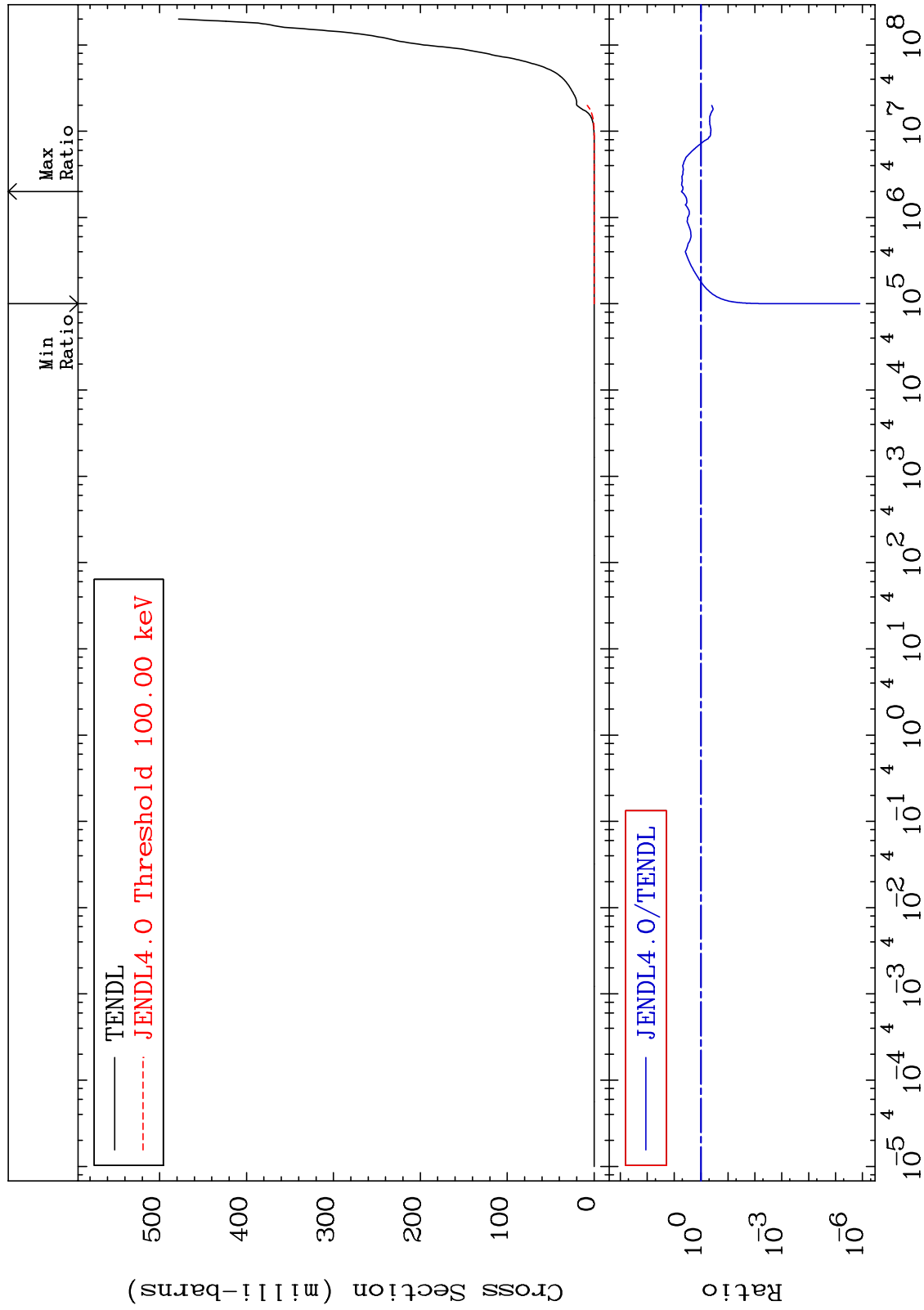
56-Ba-137

Incident Energy (eV)

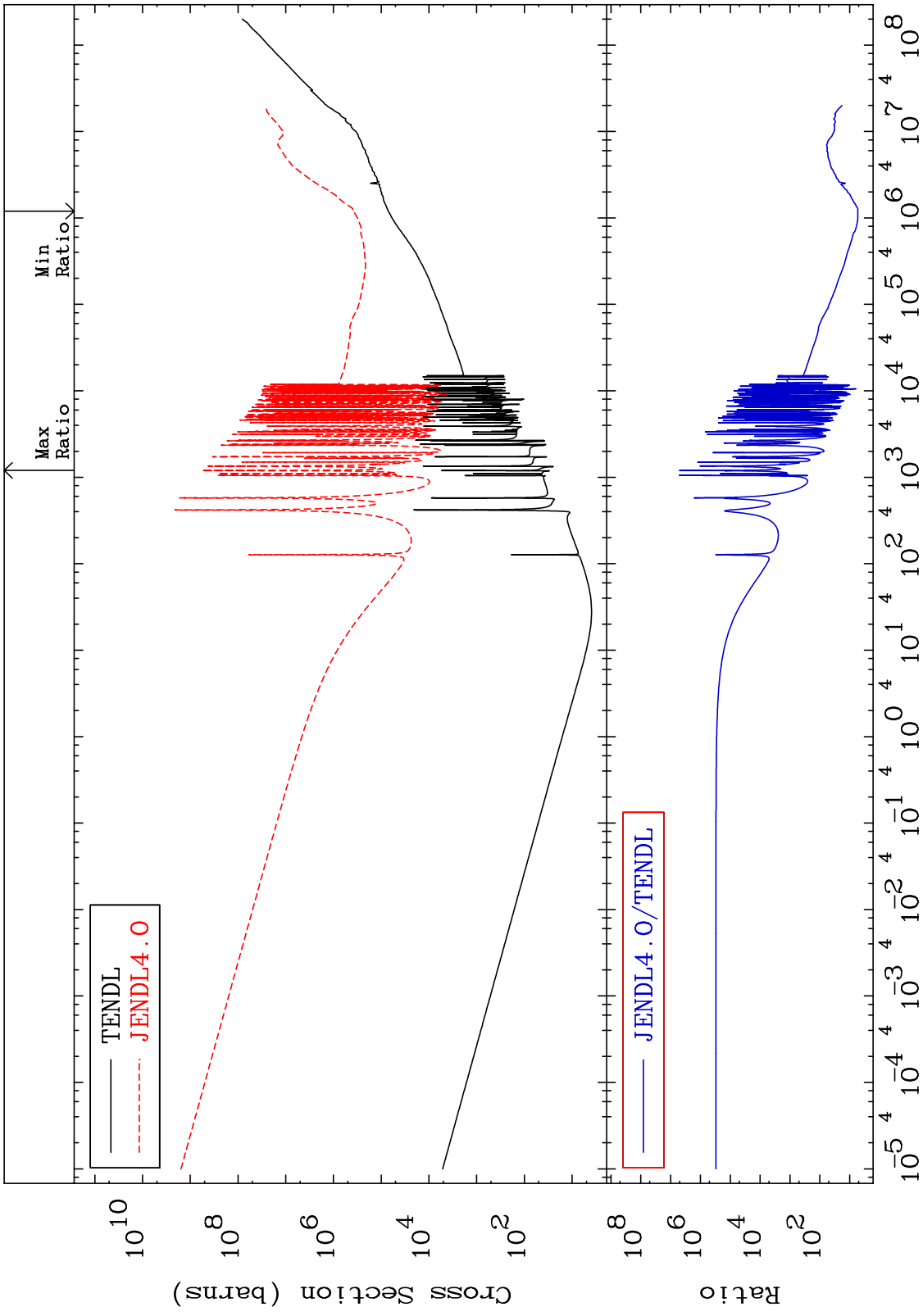
MAT 5646

He-4 Production
Cross Section

56-Ba-137
-100.0 To 435.3 %



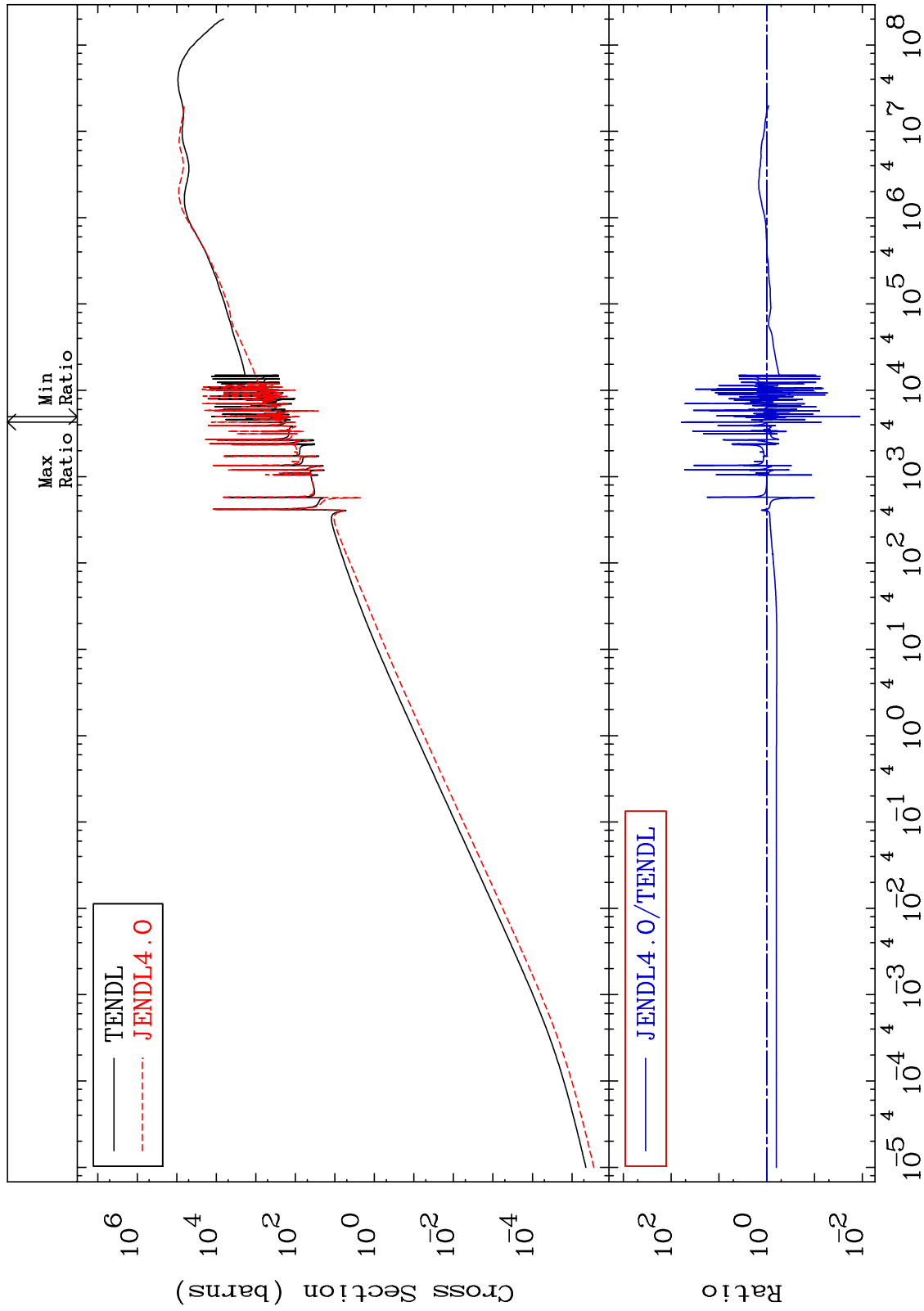
MAT 5646 Kerma total (eV-barns)
 Cross Section 56-Ba-137 430.0 To 9999. %



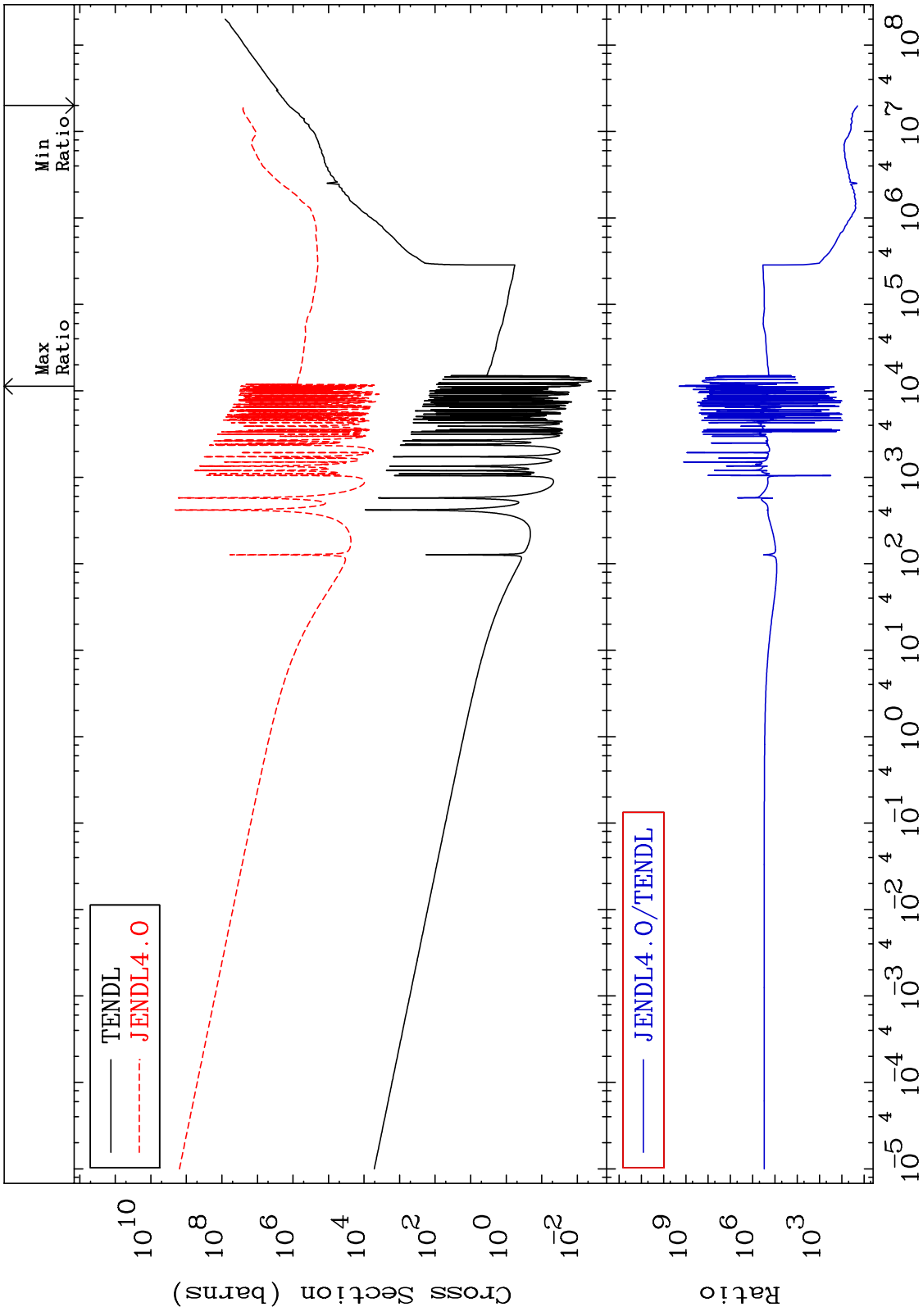
MAT 5646

Kerma elastic
Cross Section

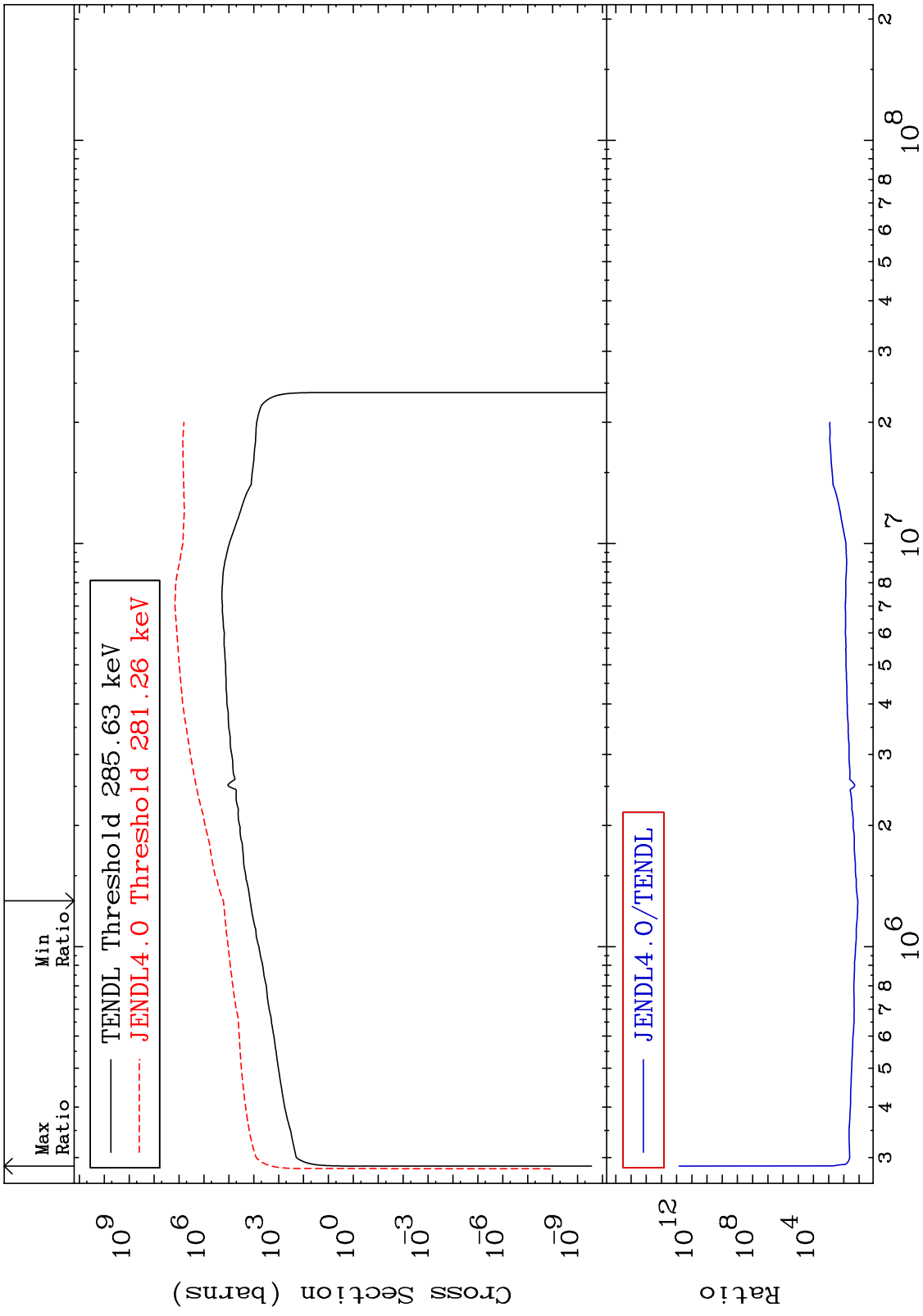
56-Ba-137
-98.87 To 6044. %



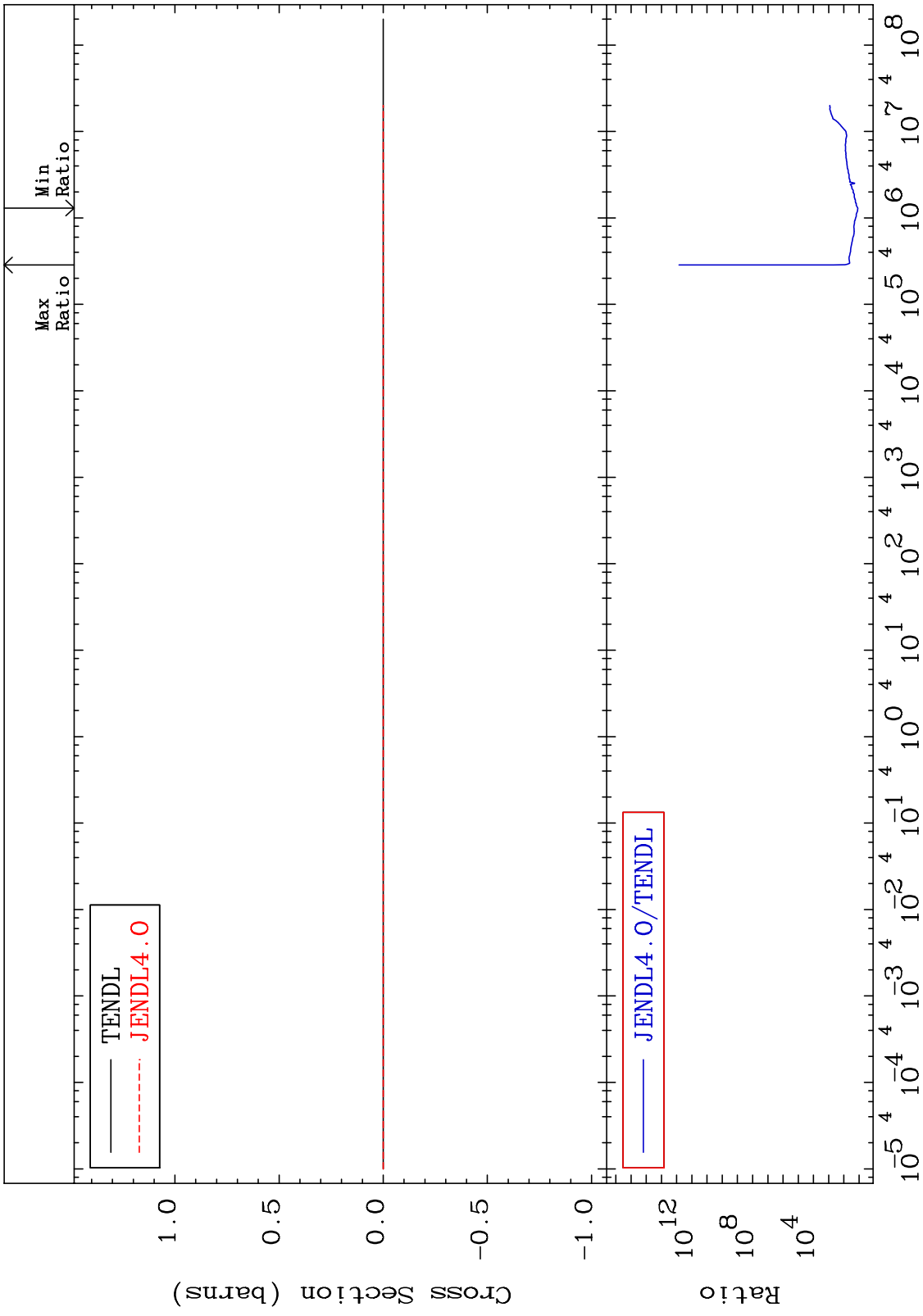
MAT 5646 Kerma non-elastic (all but mt2) Cross Section 56-Ba-137 1808. To 9999. %



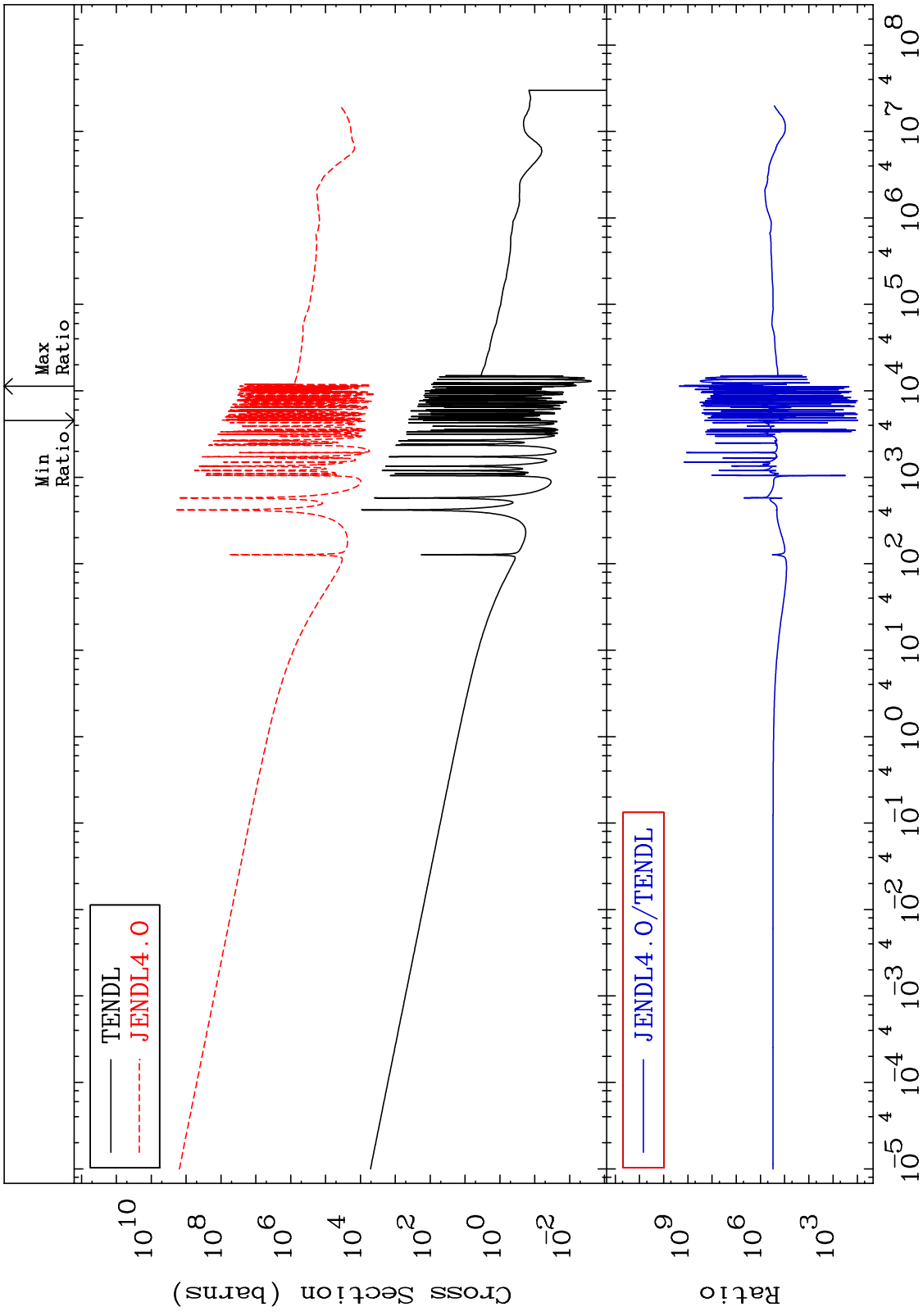
MAT 5646 Kerma inelastic (mt51-91) 56-Ba-137
 Cross Section 1097. To 9999. %



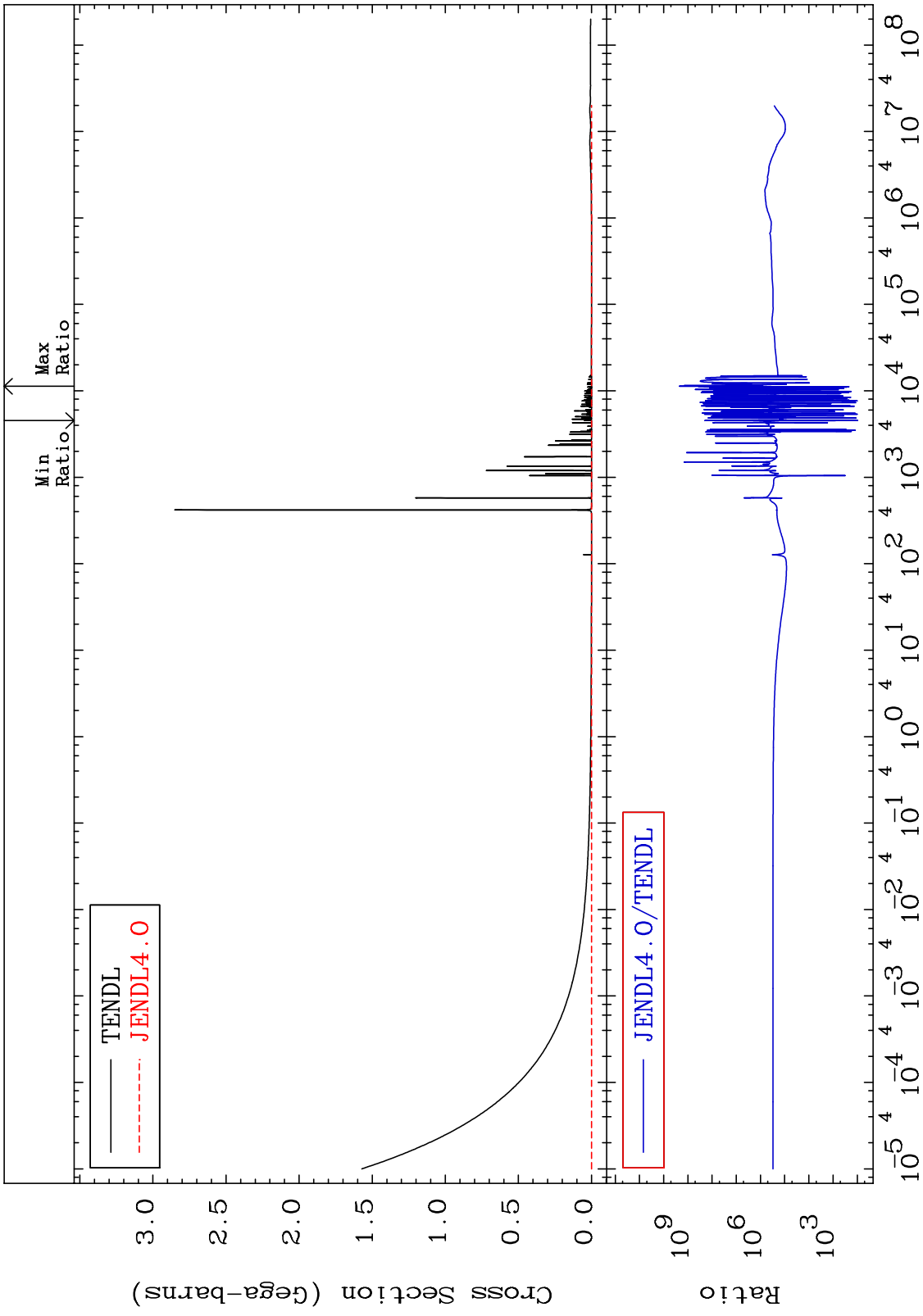
MAT 5646 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-137
 Cross Section 1097. To 9999. %



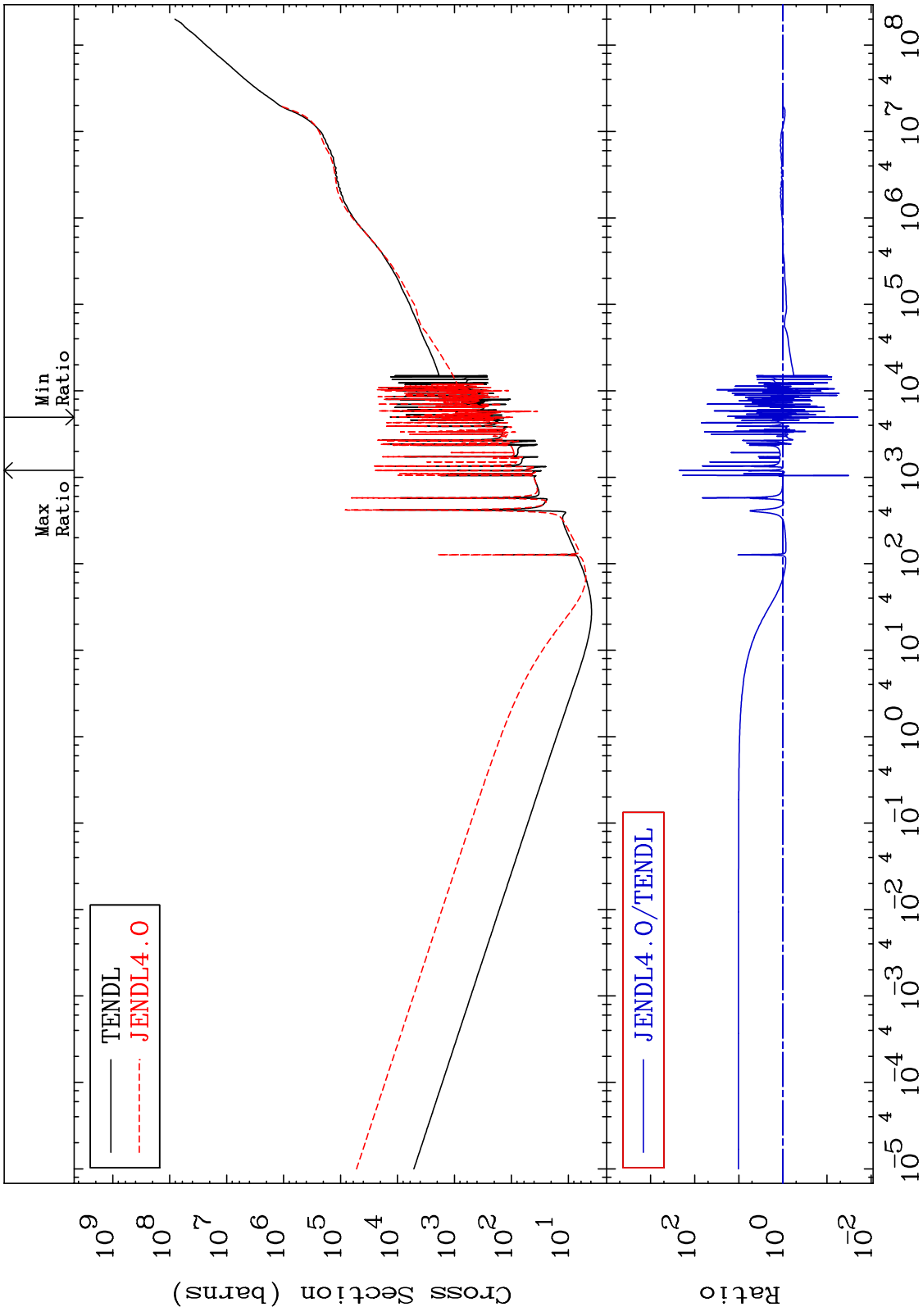
MAT 5646 Kerma capture (mt102) 56-Ba-137 9364. To 9999. %
 Cross Section



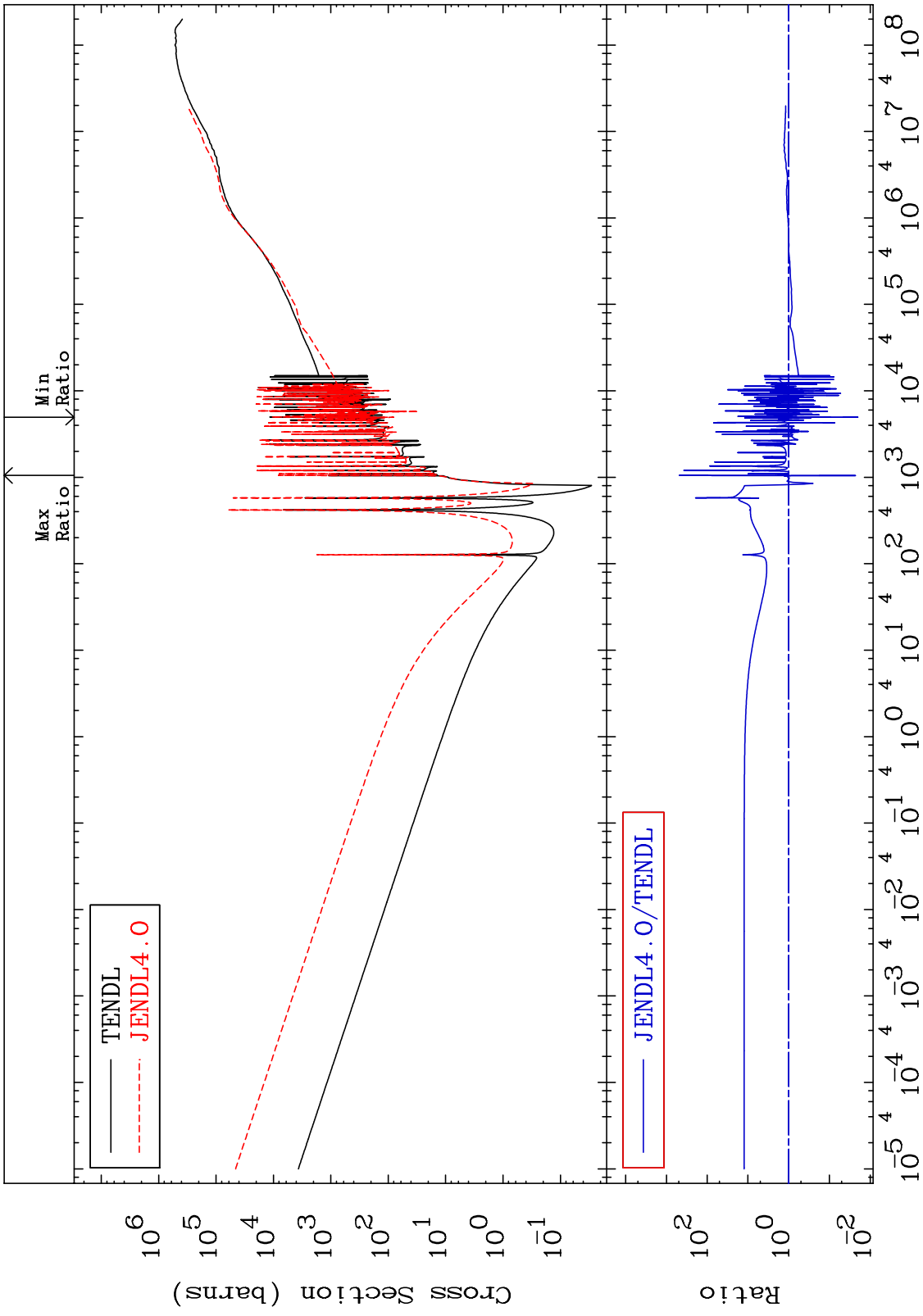
MAT 5646 Total photon (eV-barns) 56-Ba-137
 Cross Section 9364. To 9999. %



MAT 5646 Total kinematic kerma (high limit) 56-Ba-137
 Cross Section -98.00 To 9999. %

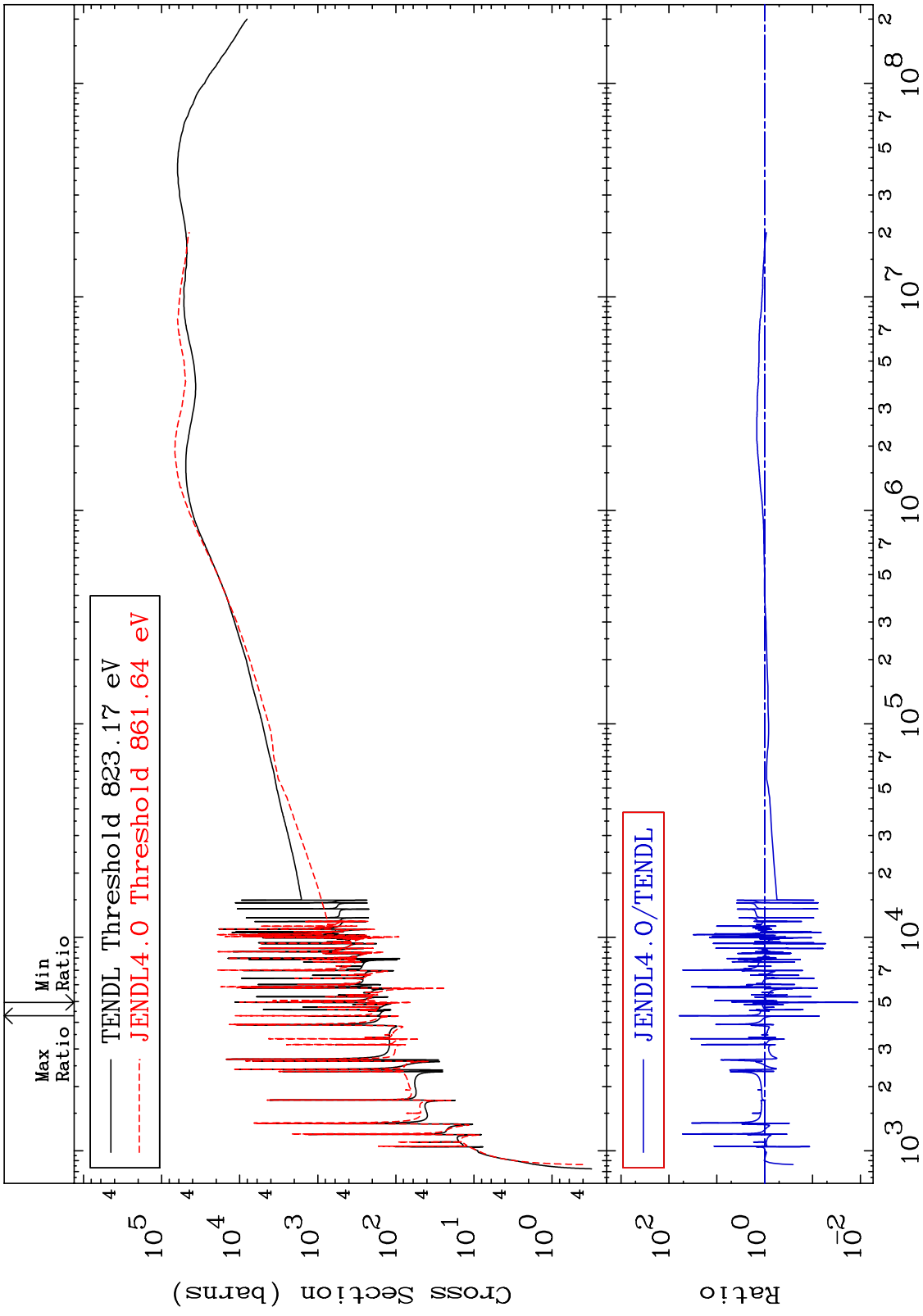


MAT 5646 Dpa total (eV-barns) 56-Ba-137 -97.99 To 9999. %
 Cross Section

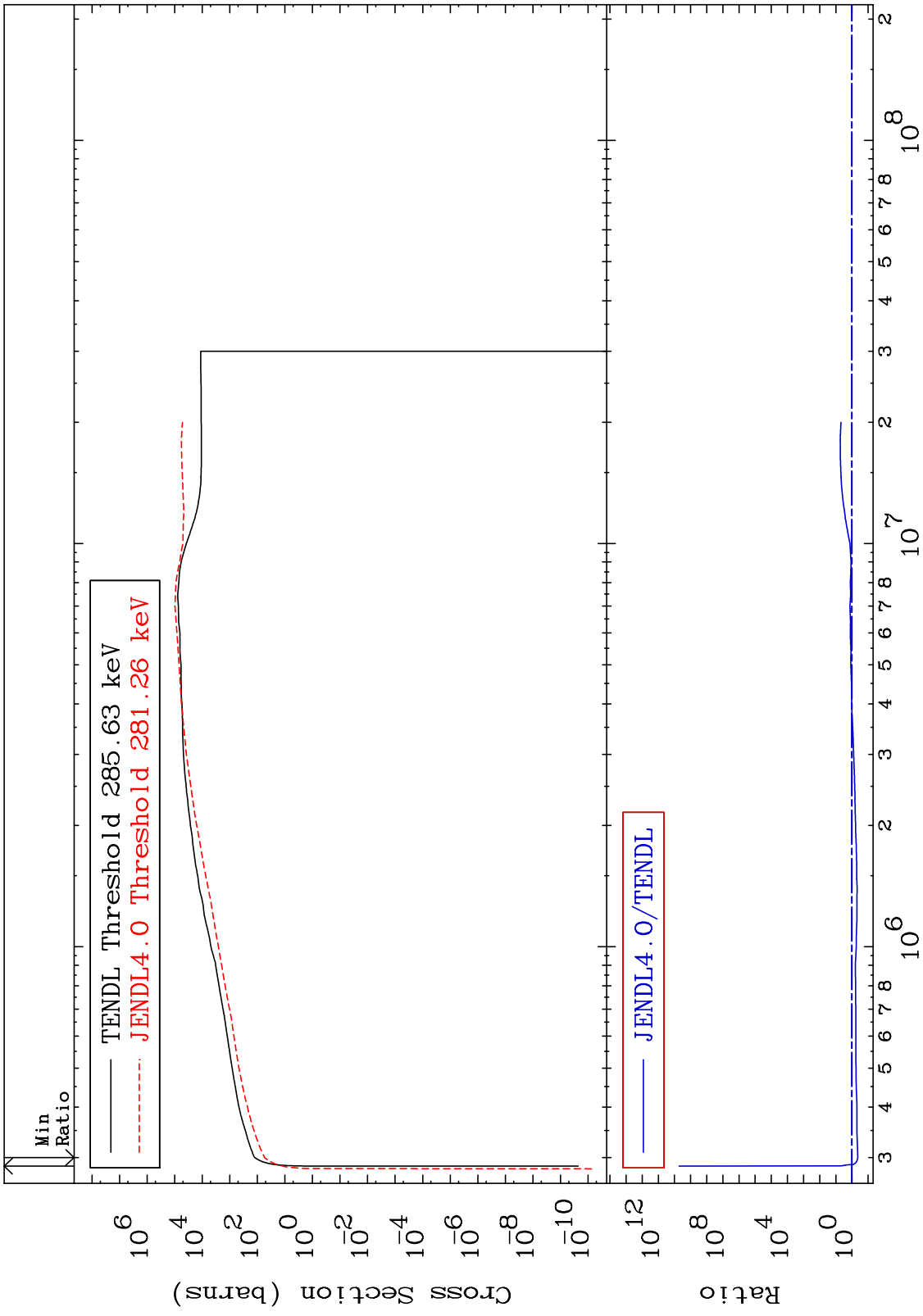


Incident Energy (eV) 56-Ba-137

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



MAT 5646 Dpa inelastic (mt51-91) 56-Ba-137
 Cross Section -56.79 To 9999. %



MAT 5646

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-137
-99.56 To 9999. %

