

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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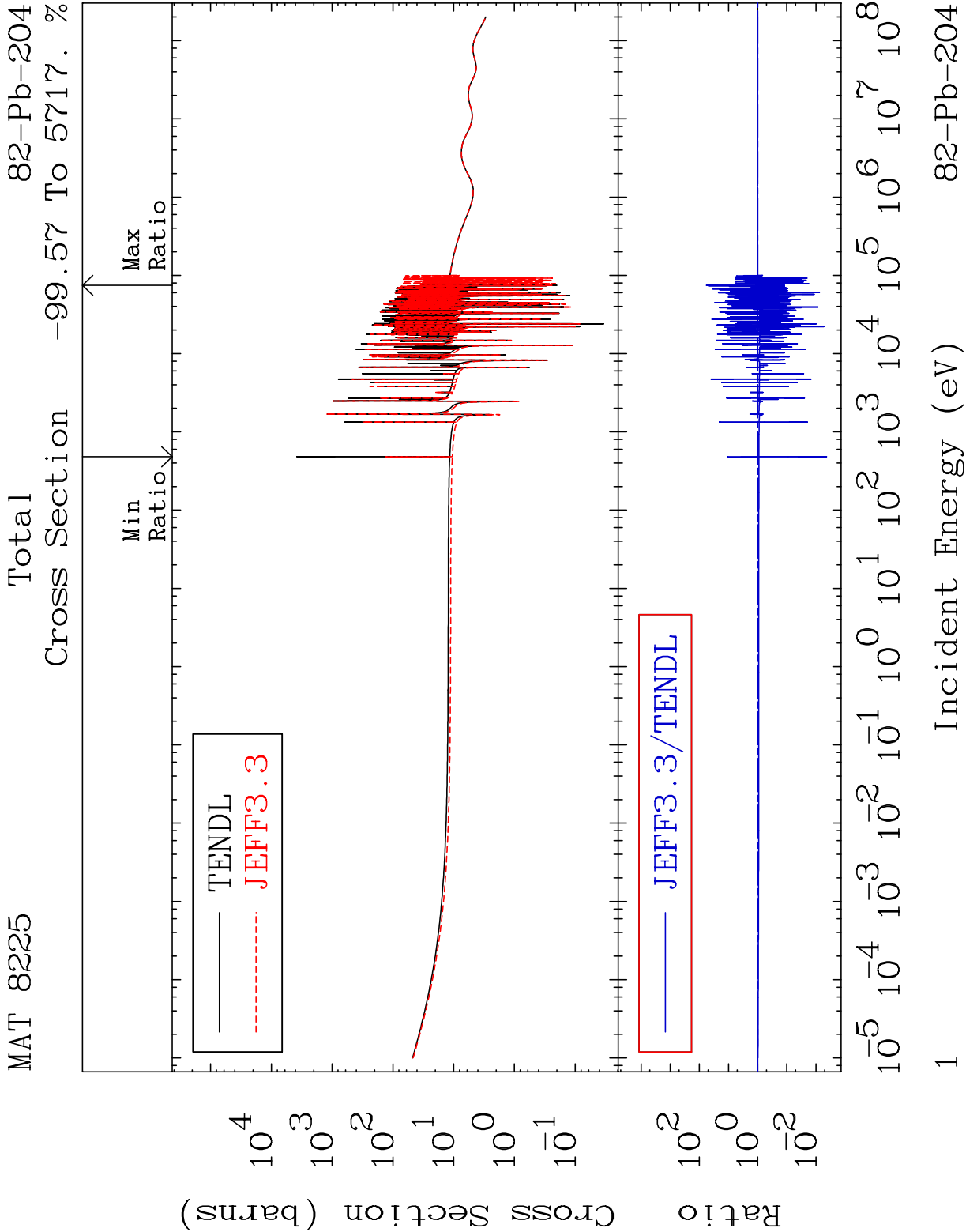
Livermore, CA 94550
U.S.A.

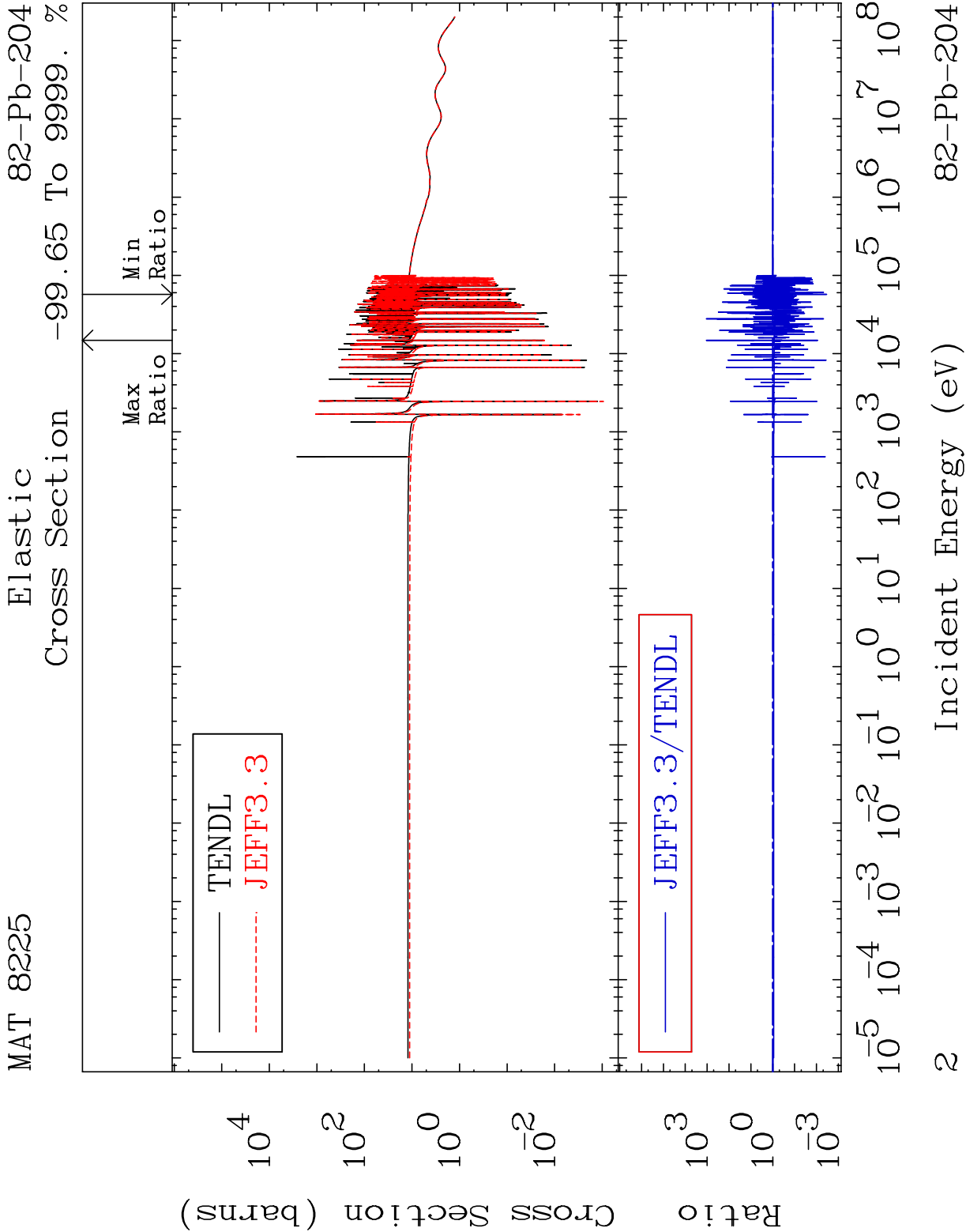
Tele: 925-443-1911

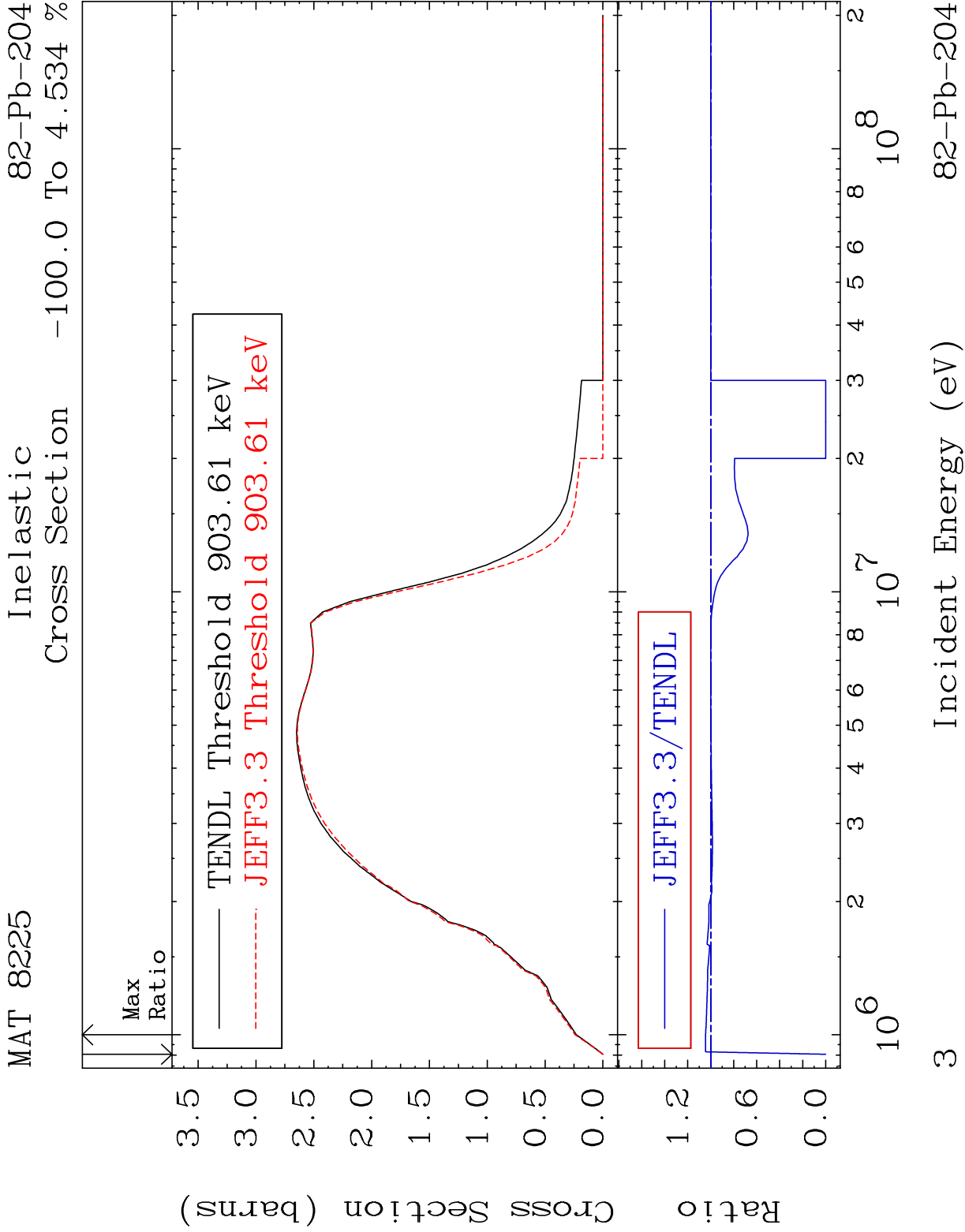
E.Mail: redcullen1@comcast.net

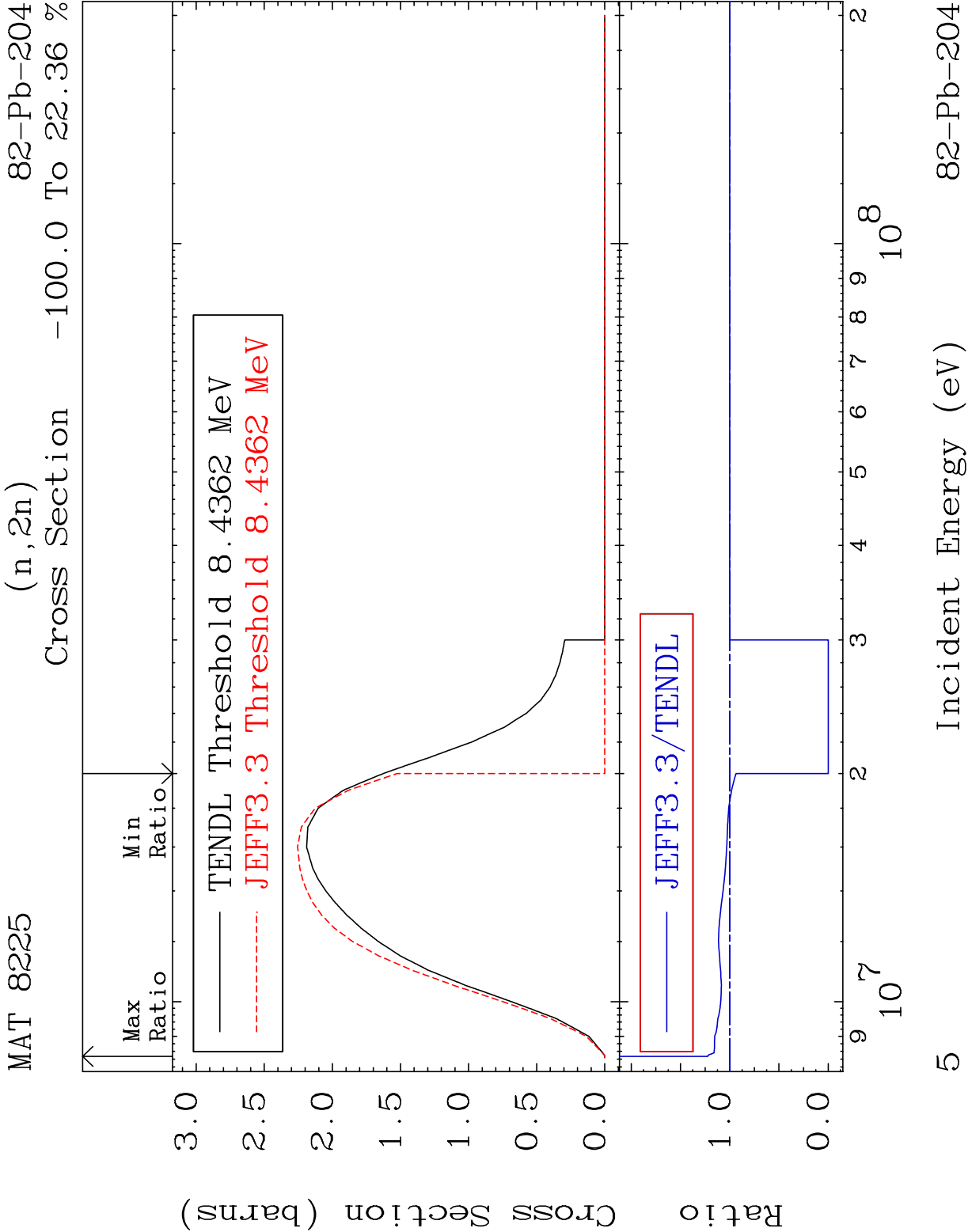
Web: redcullen1.net/HOMEPAGE.NEW

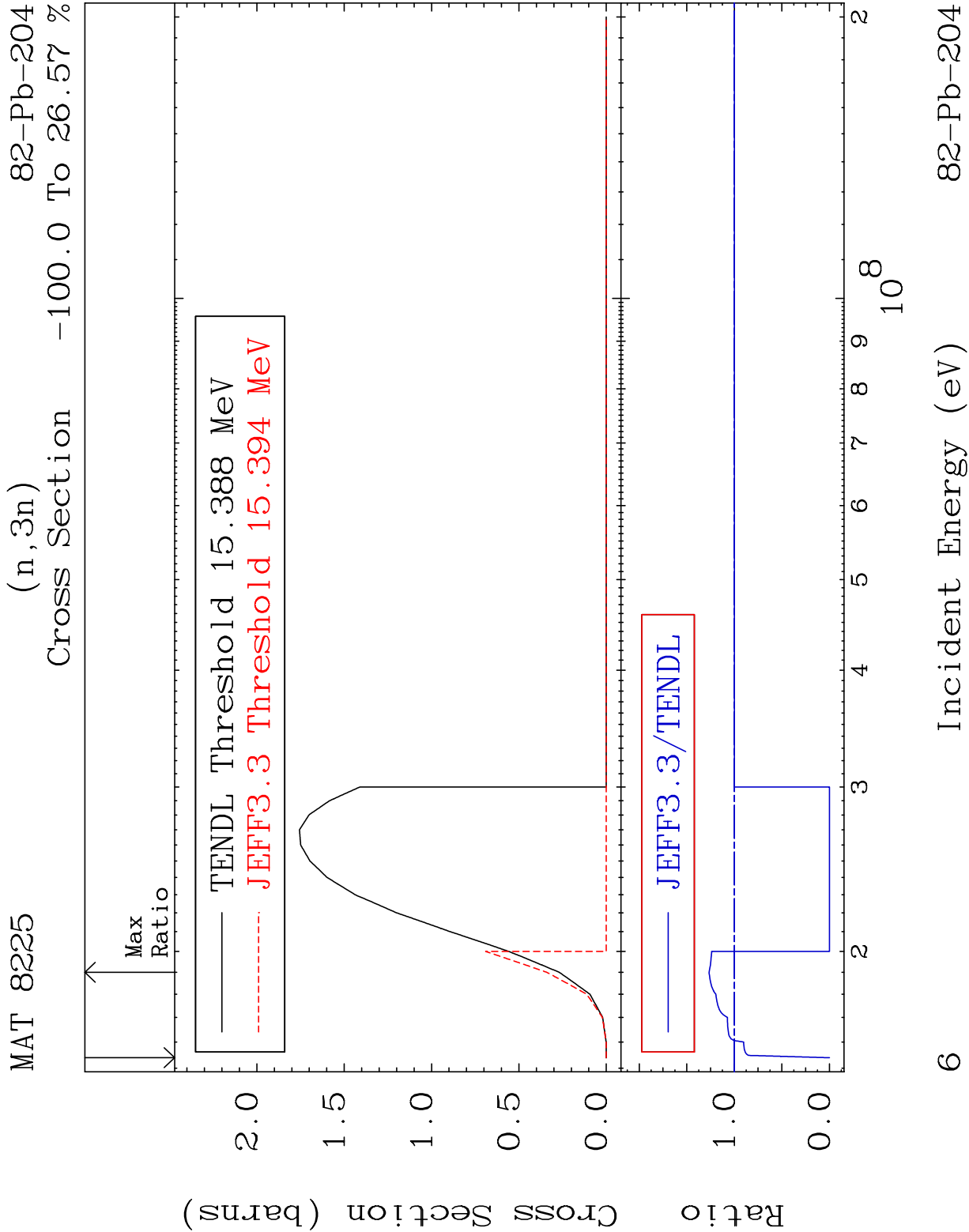
Press Mouse Button to Start

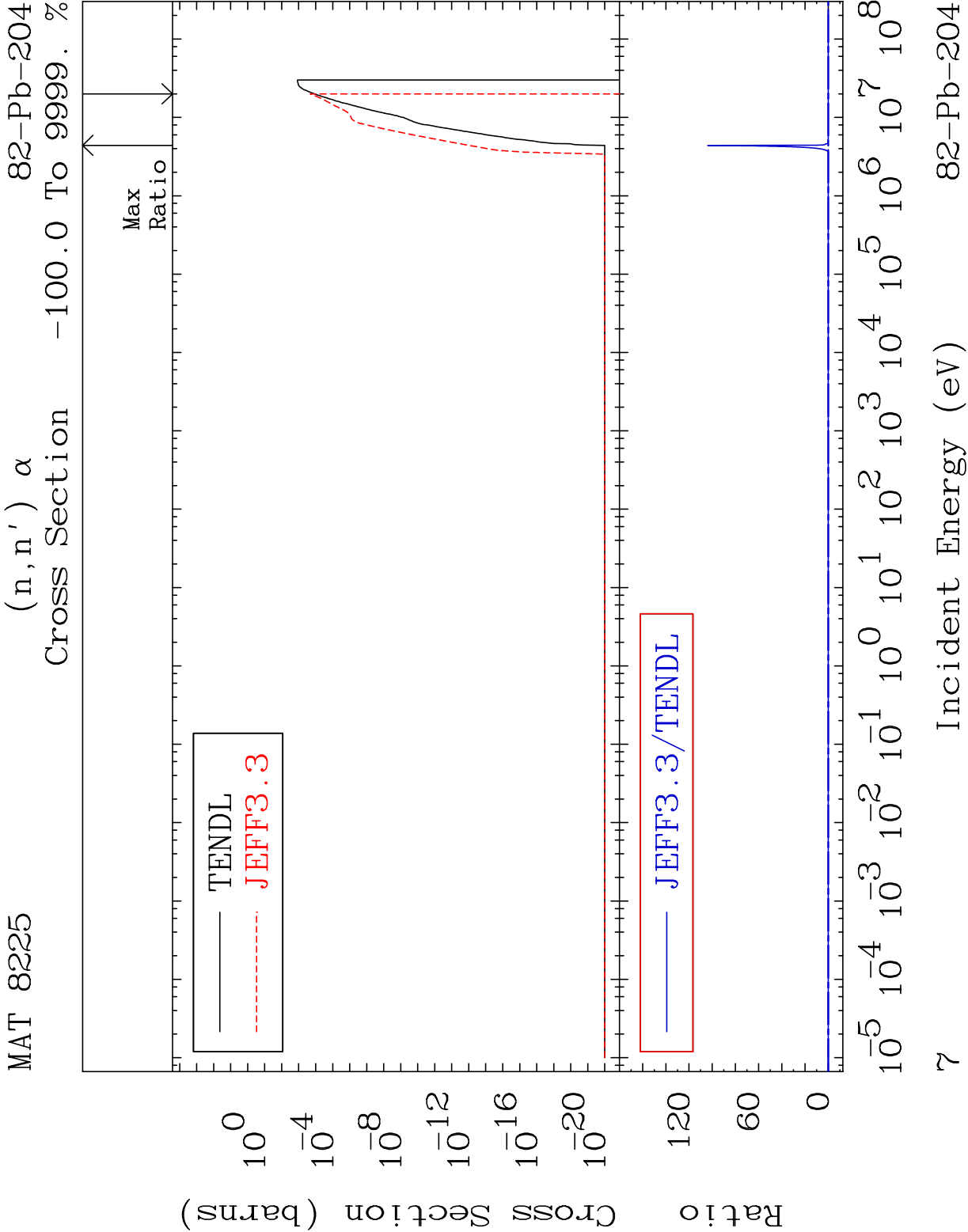


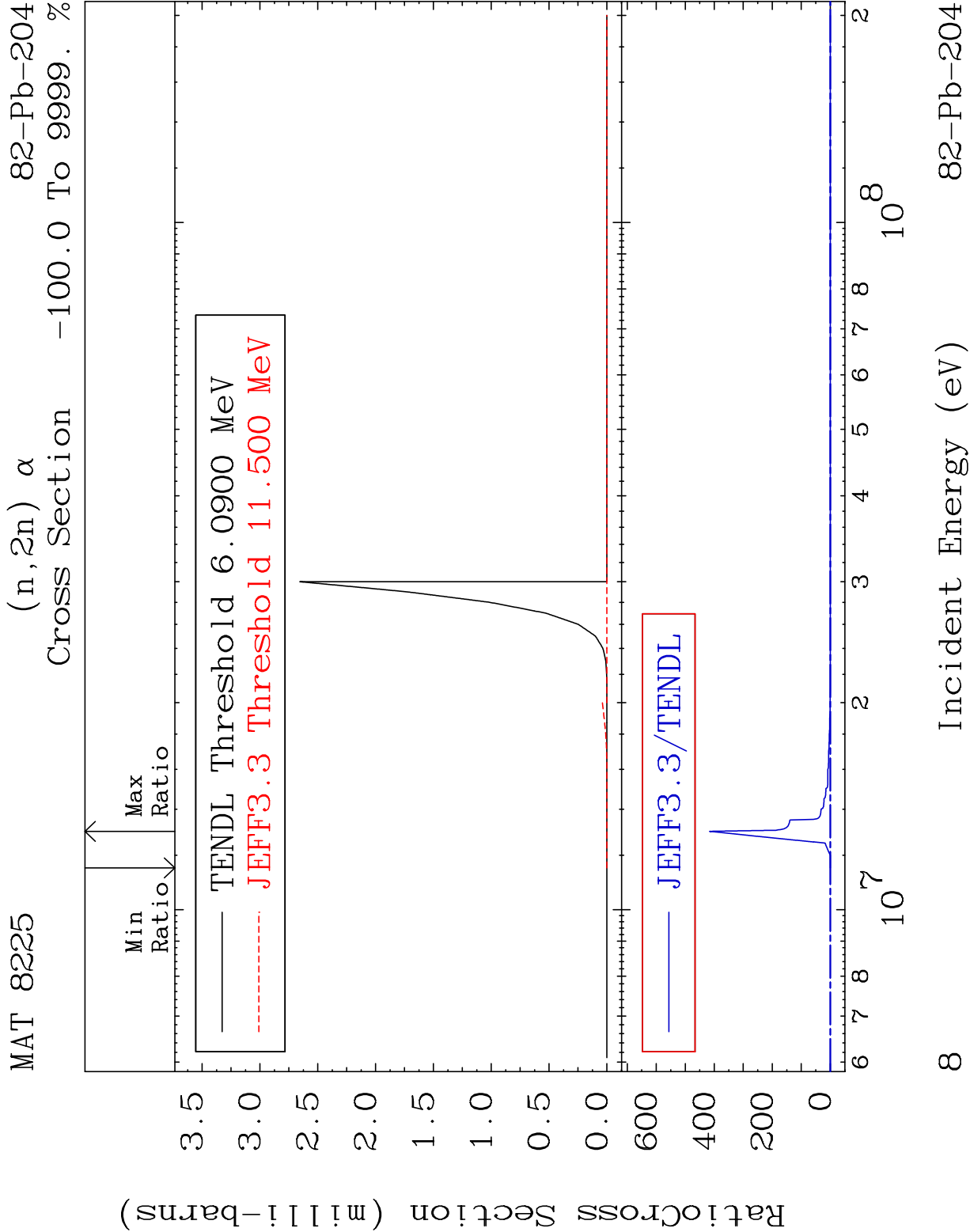


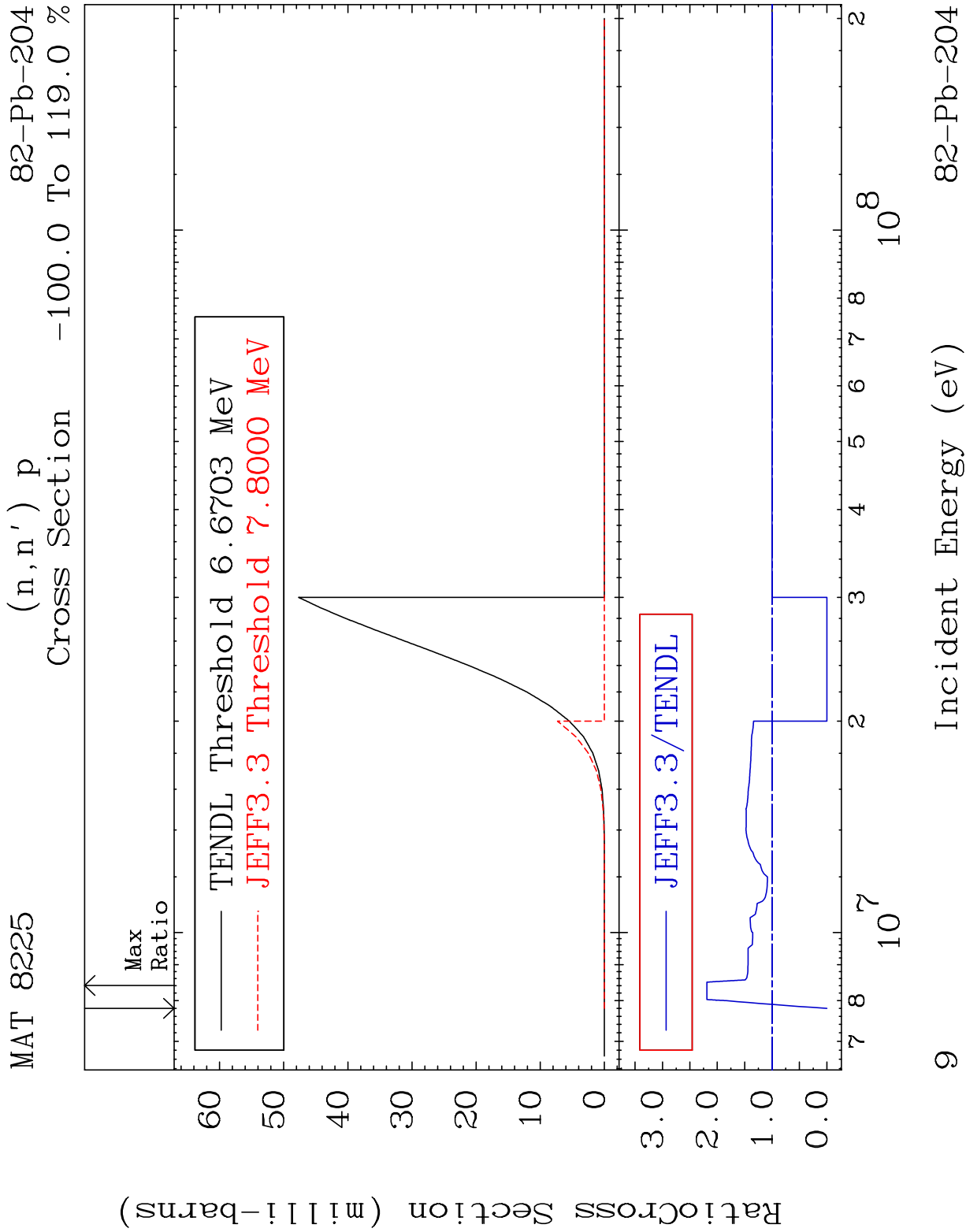










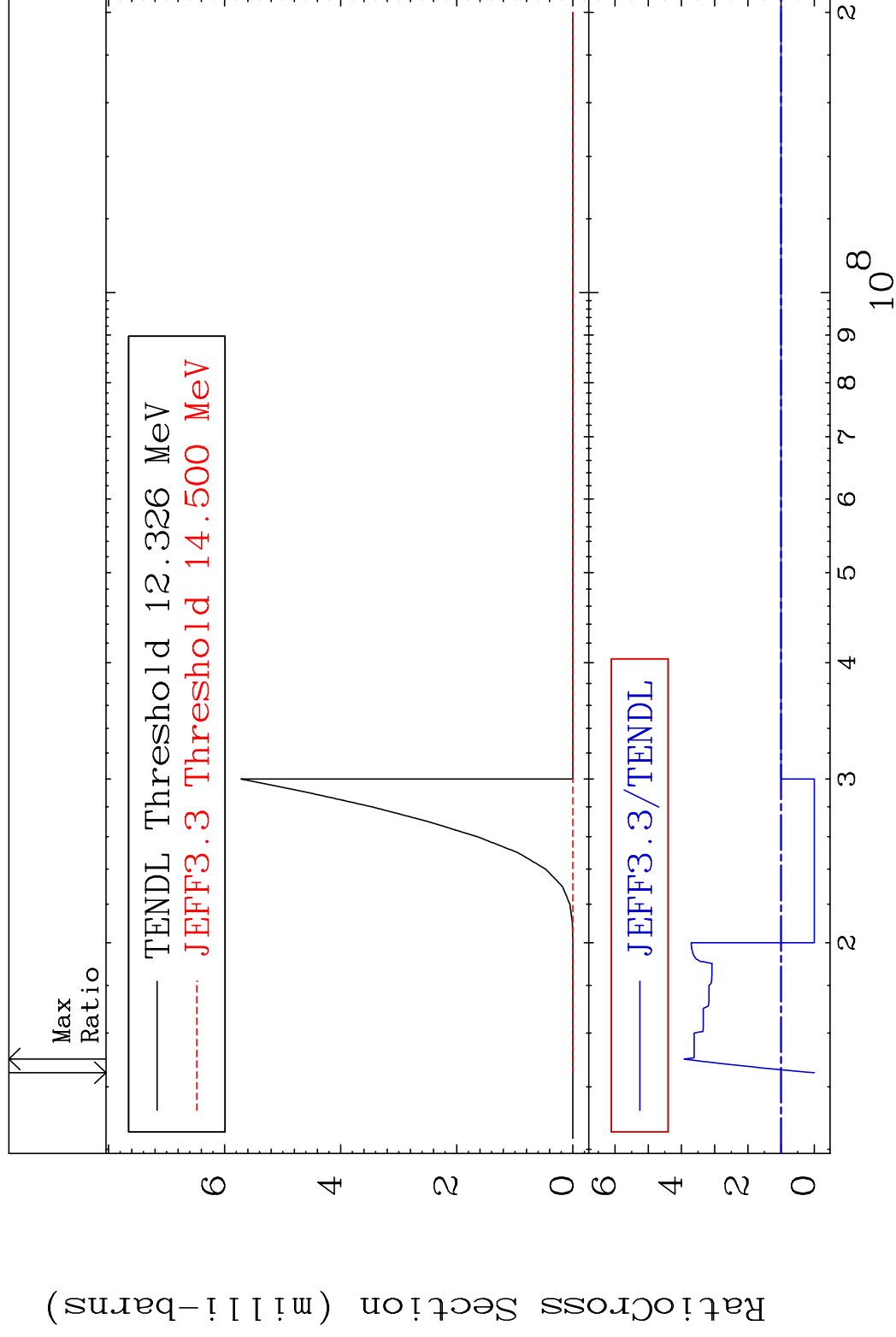


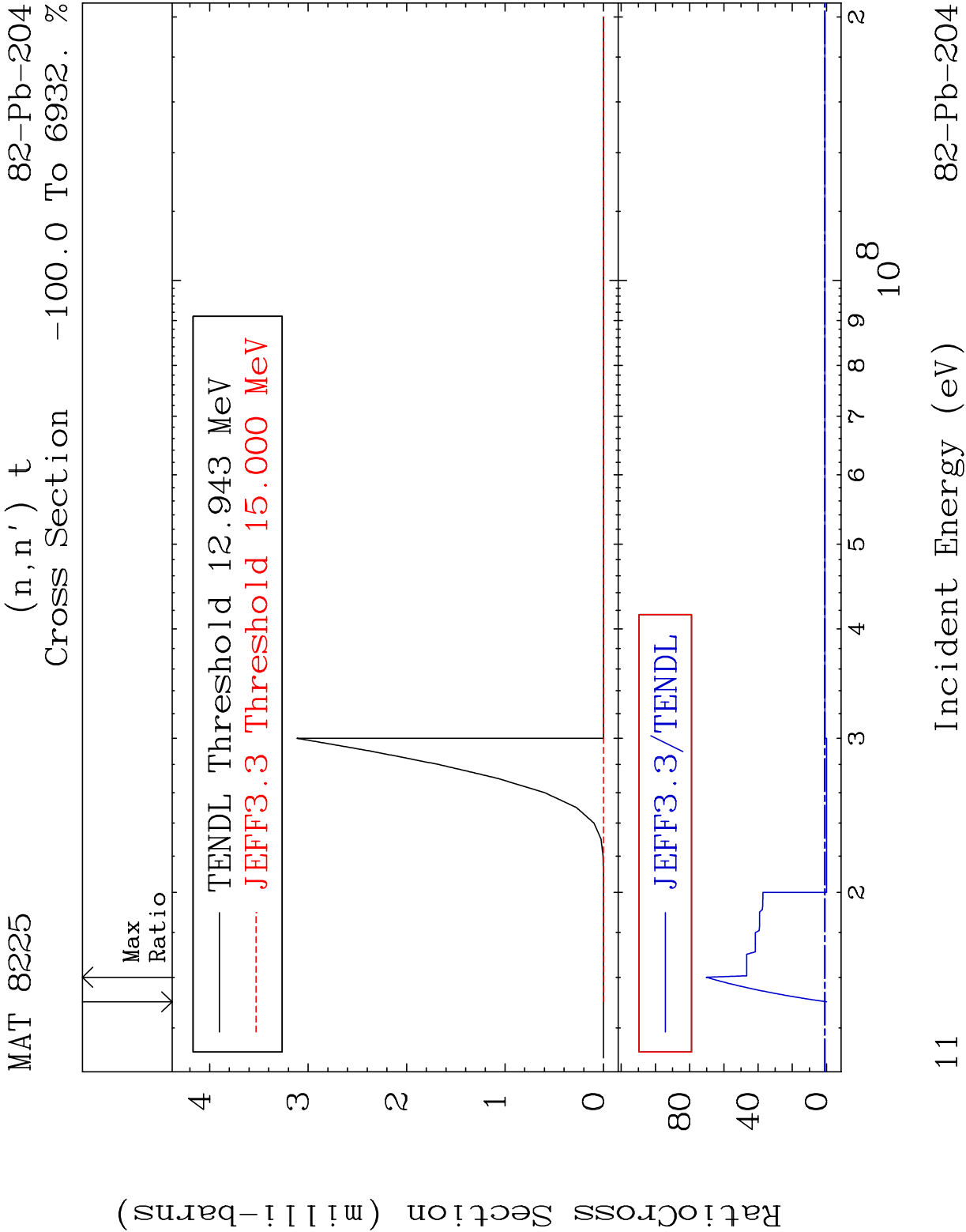
MAT 8225

$$(n, n') \text{ d}$$

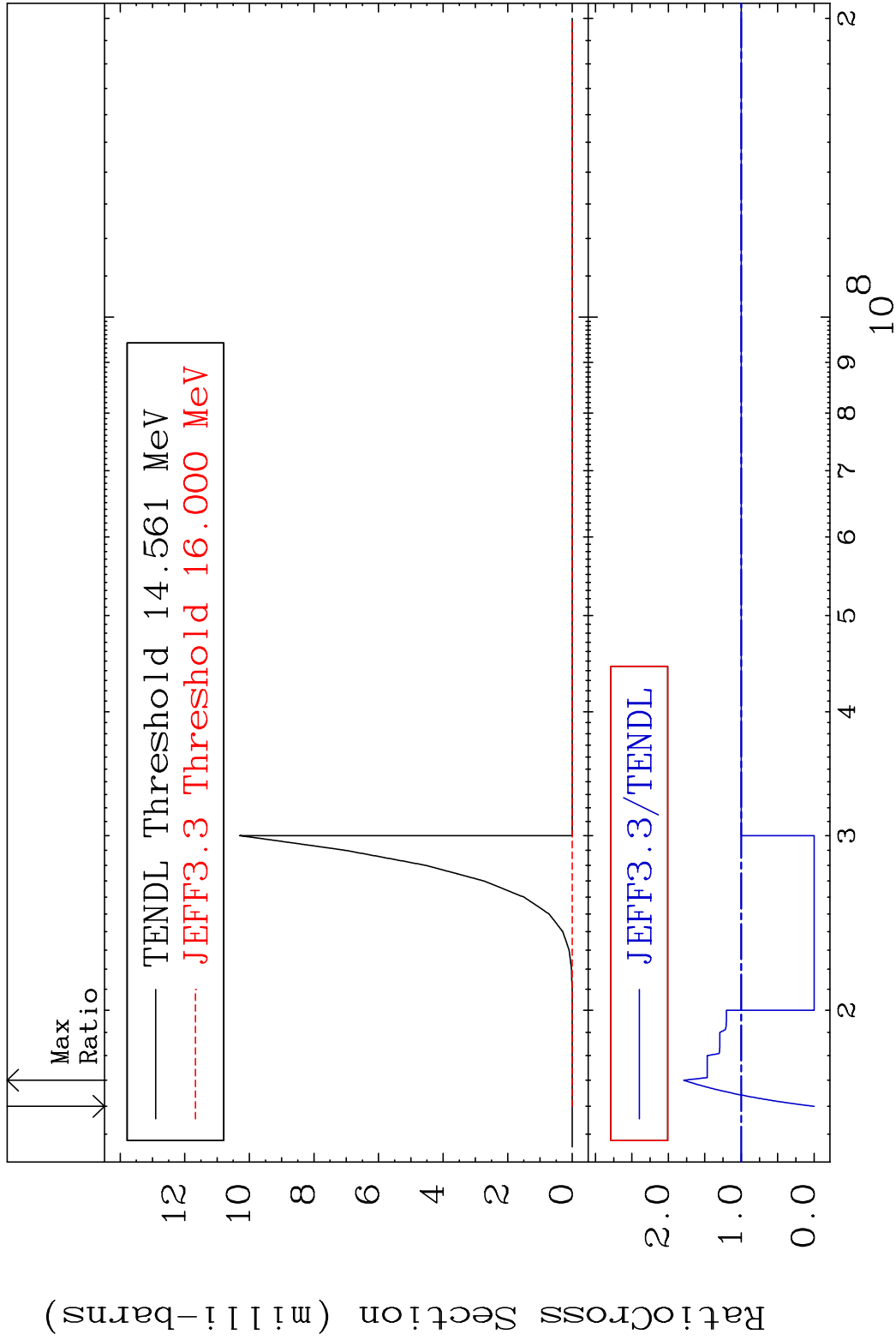
82-Pb-204

Cross Section -100.0 To 292.1 %

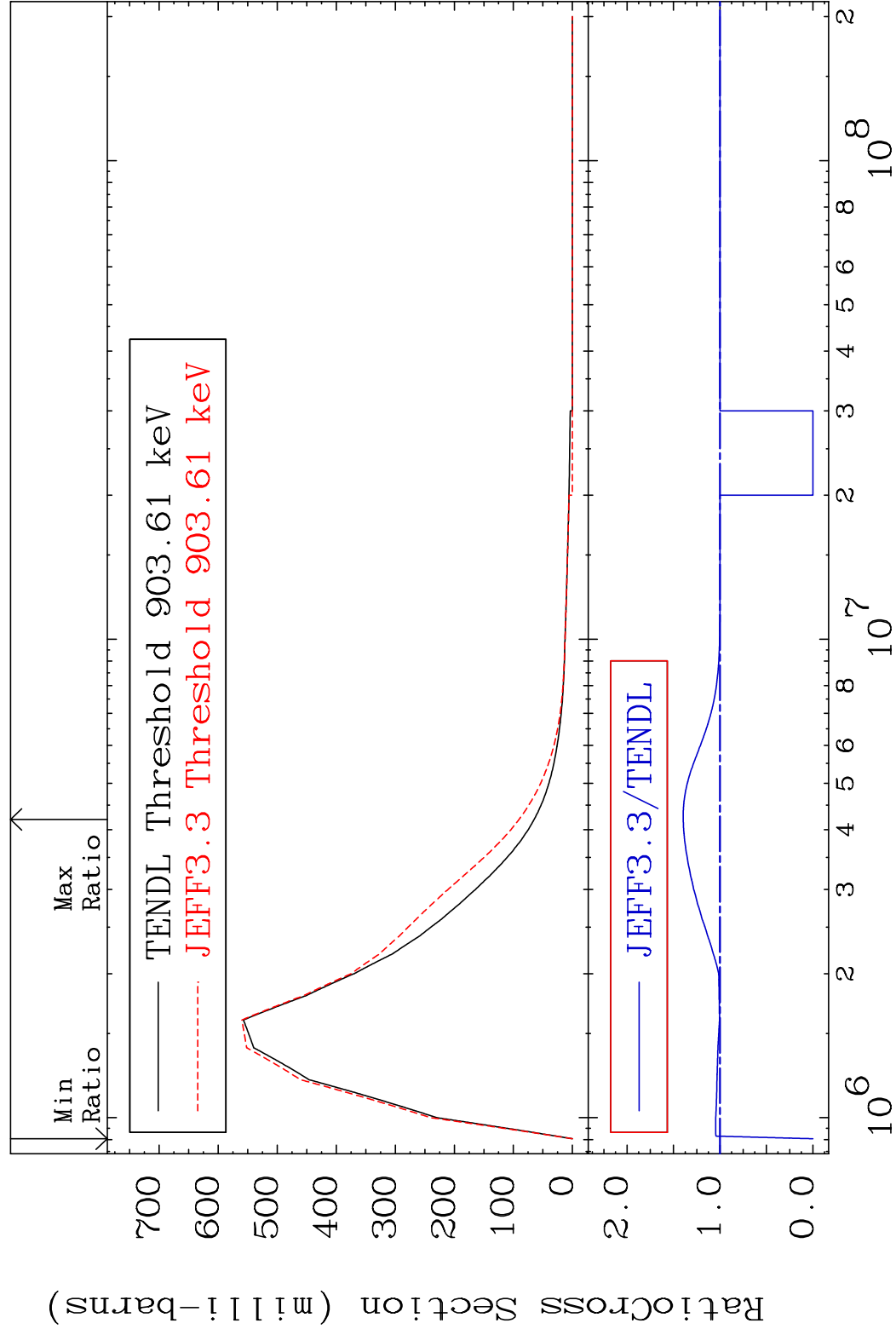




MAT 8225 (n,2n) p 82-Pb-204
Cross Section -100.0 To 78.98 %



MAT 8225 MT= 51 (n,n') Level 82-Pb-204
Cross Section -100.0 To 39.63 %



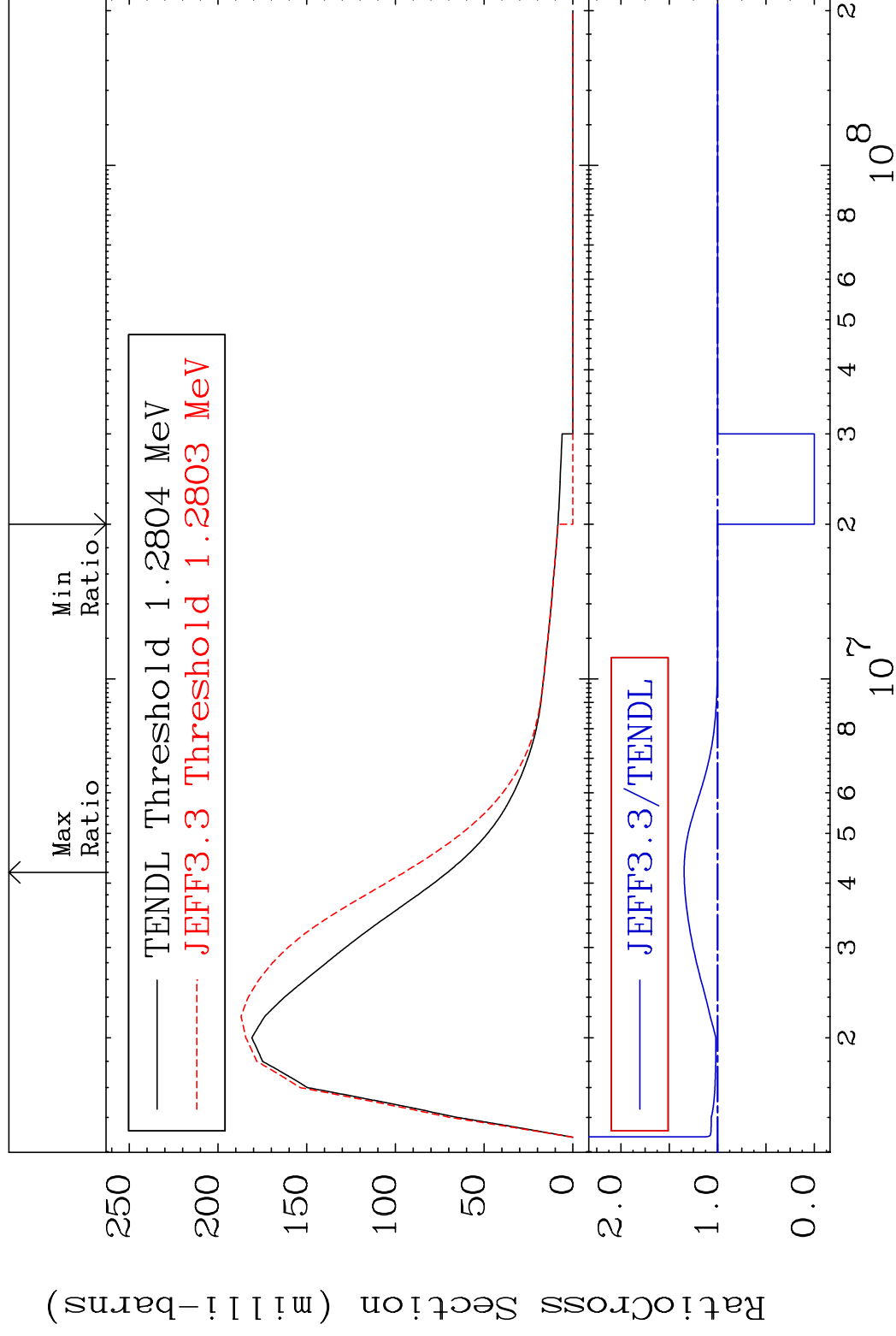
13 Incident Energy (eV) 82-Pb-204

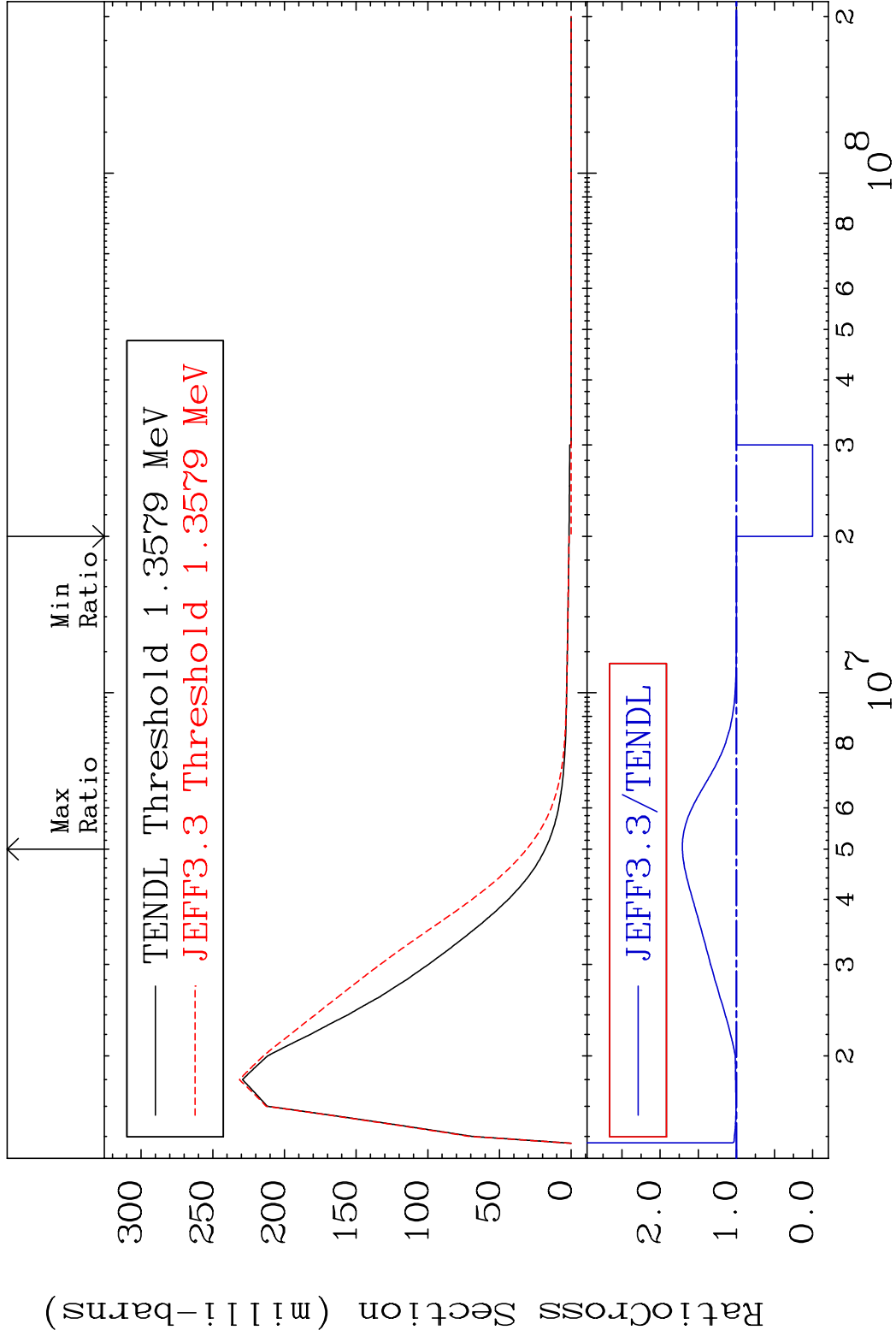
MAT 8225

MT=52 (n,n') Level

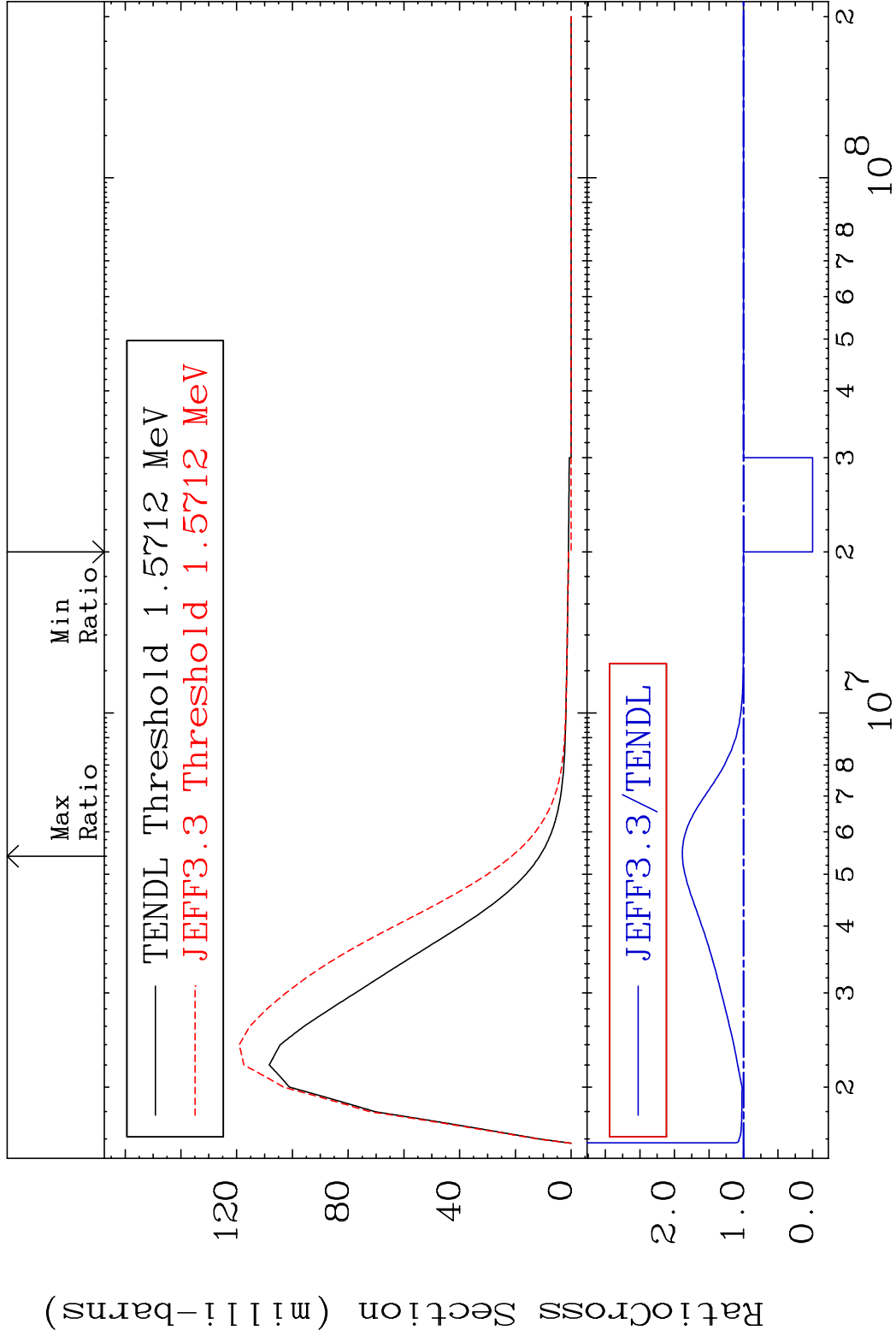
82-Pb-204

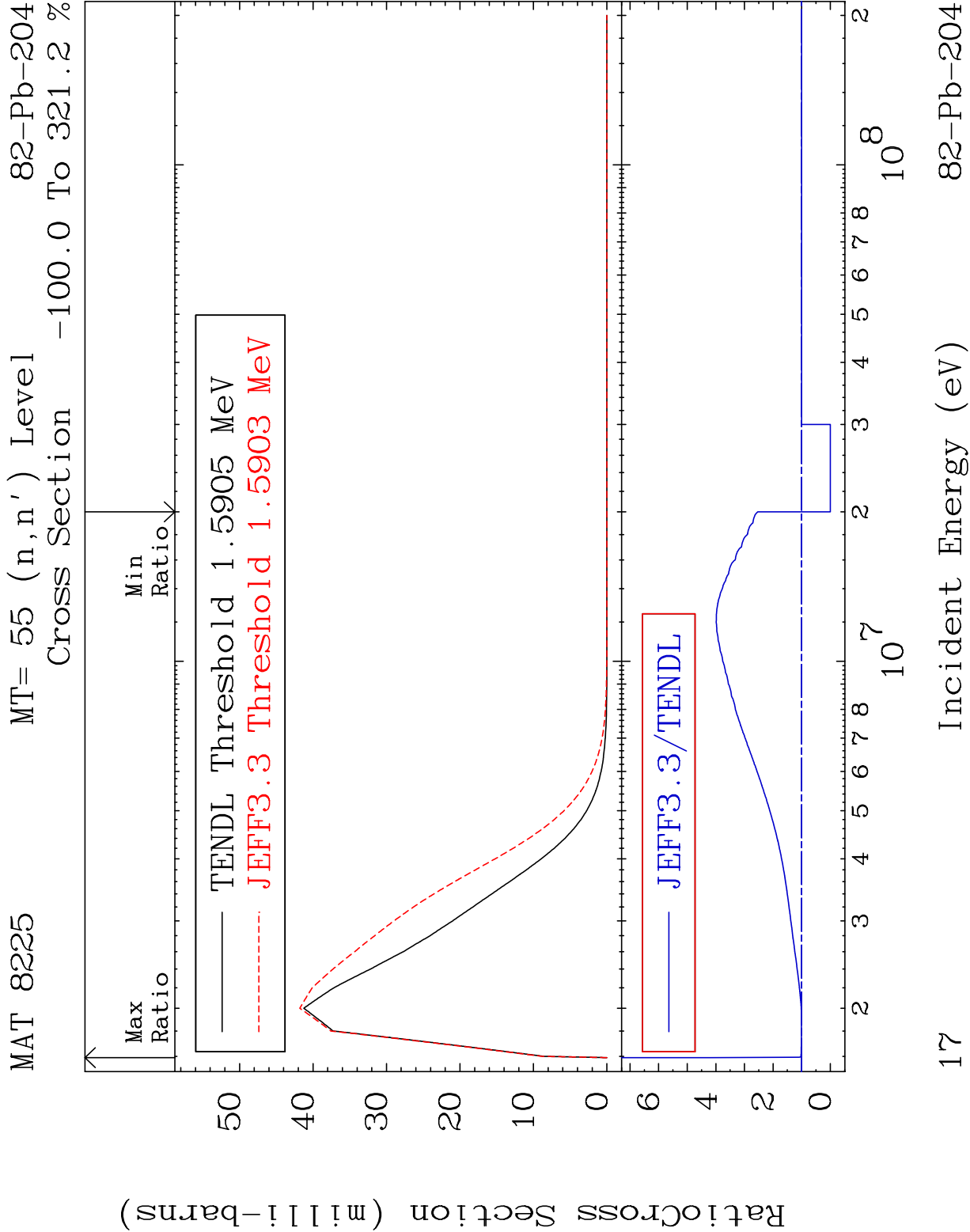
Cross Section -100.0 To 34.71 %



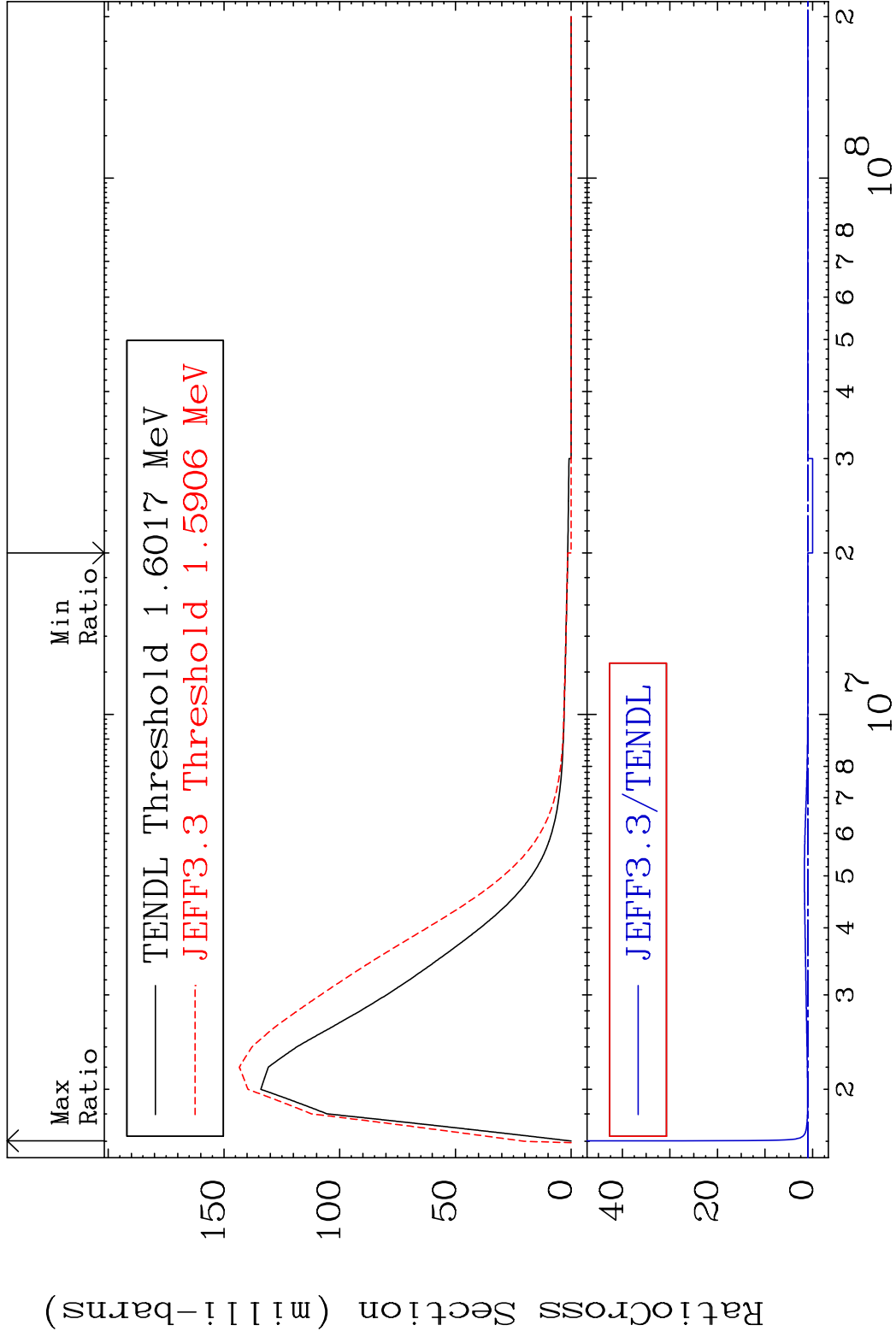


MAT 8225 MT= 54 (n,n') Level 82-Pb-204
Cross Section -100.0 To 88.55 %

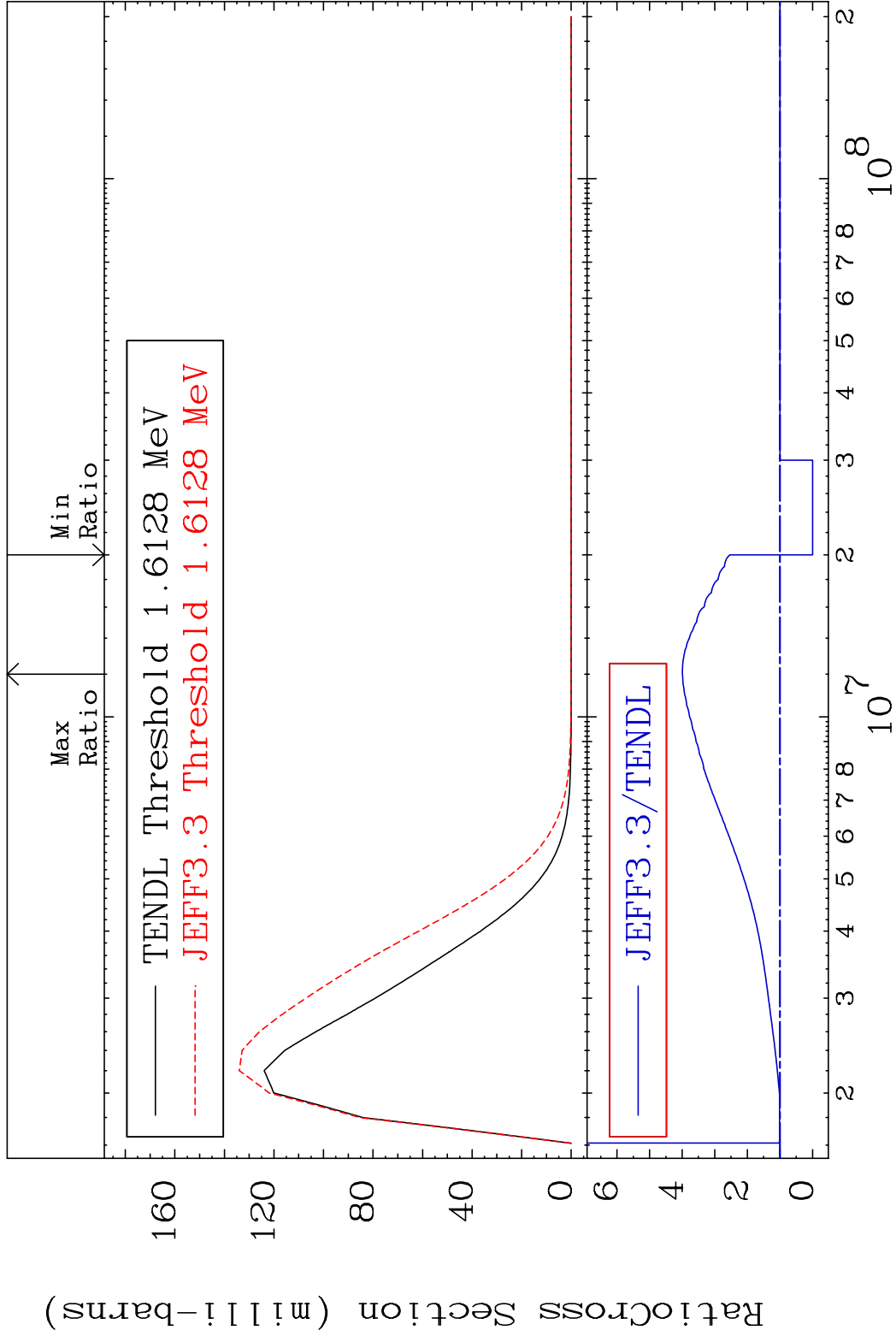


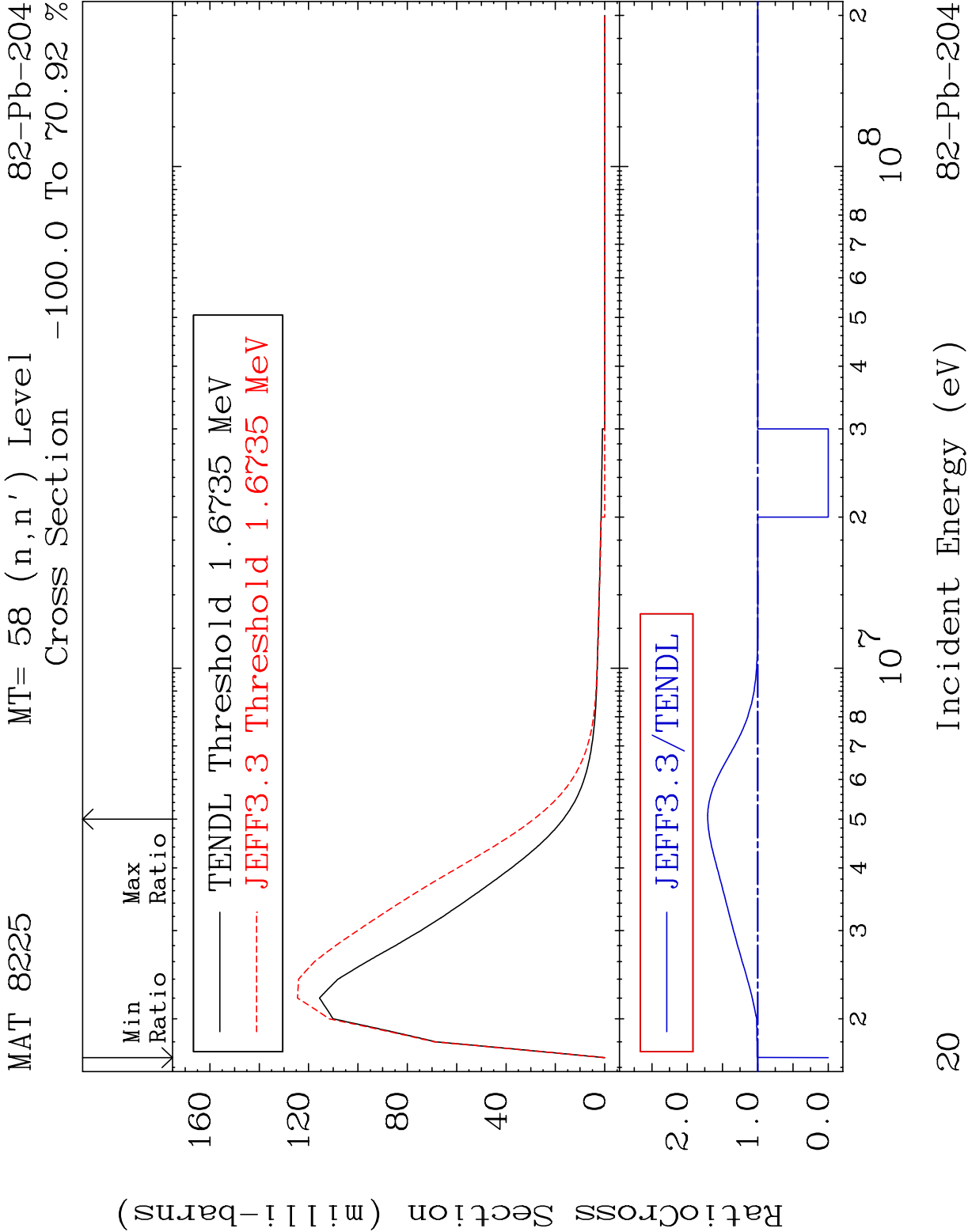


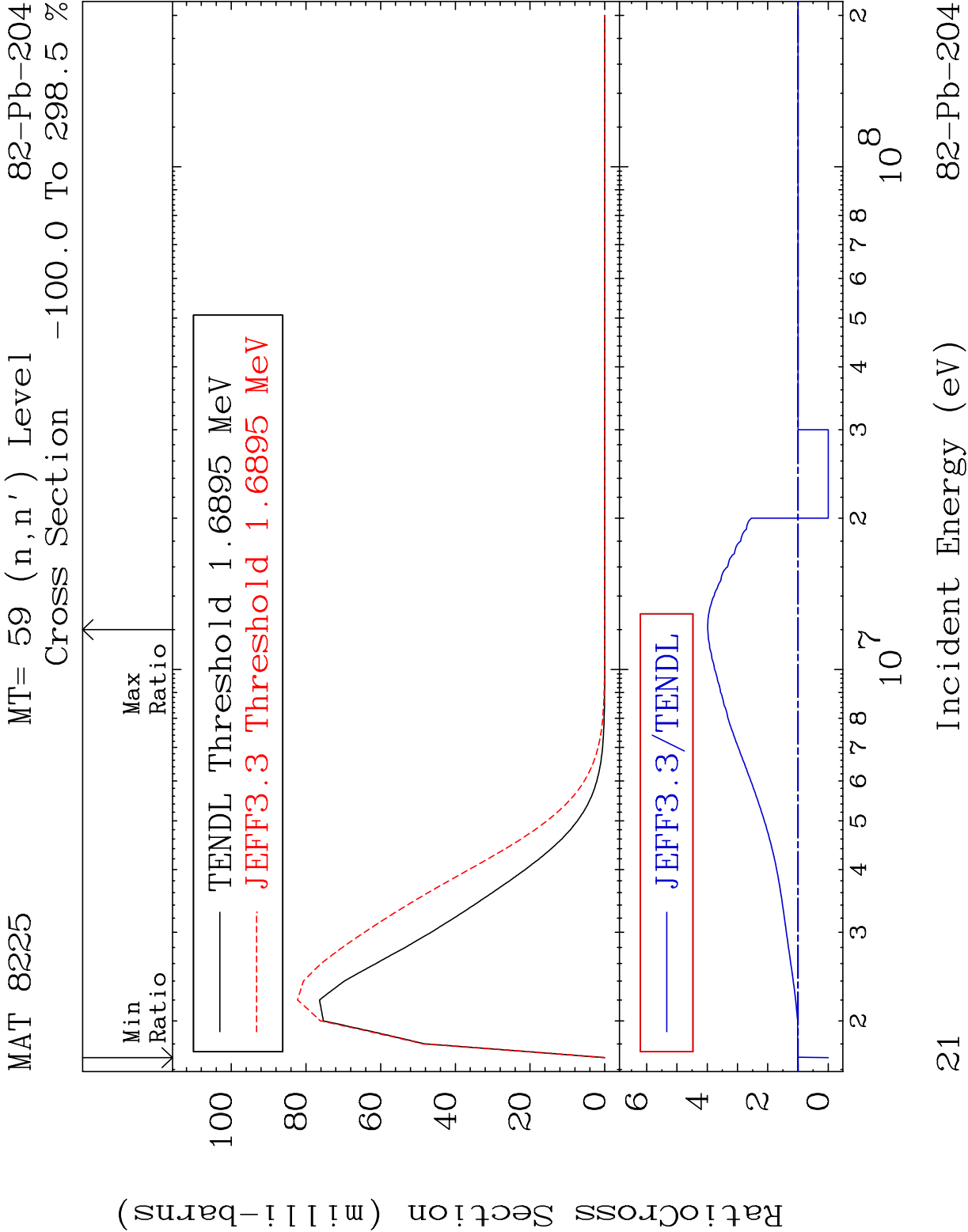
MAT 8225 MT= 56 (n,n') Level 82-Pb-204
Cross Section -100.0 To 2638. %

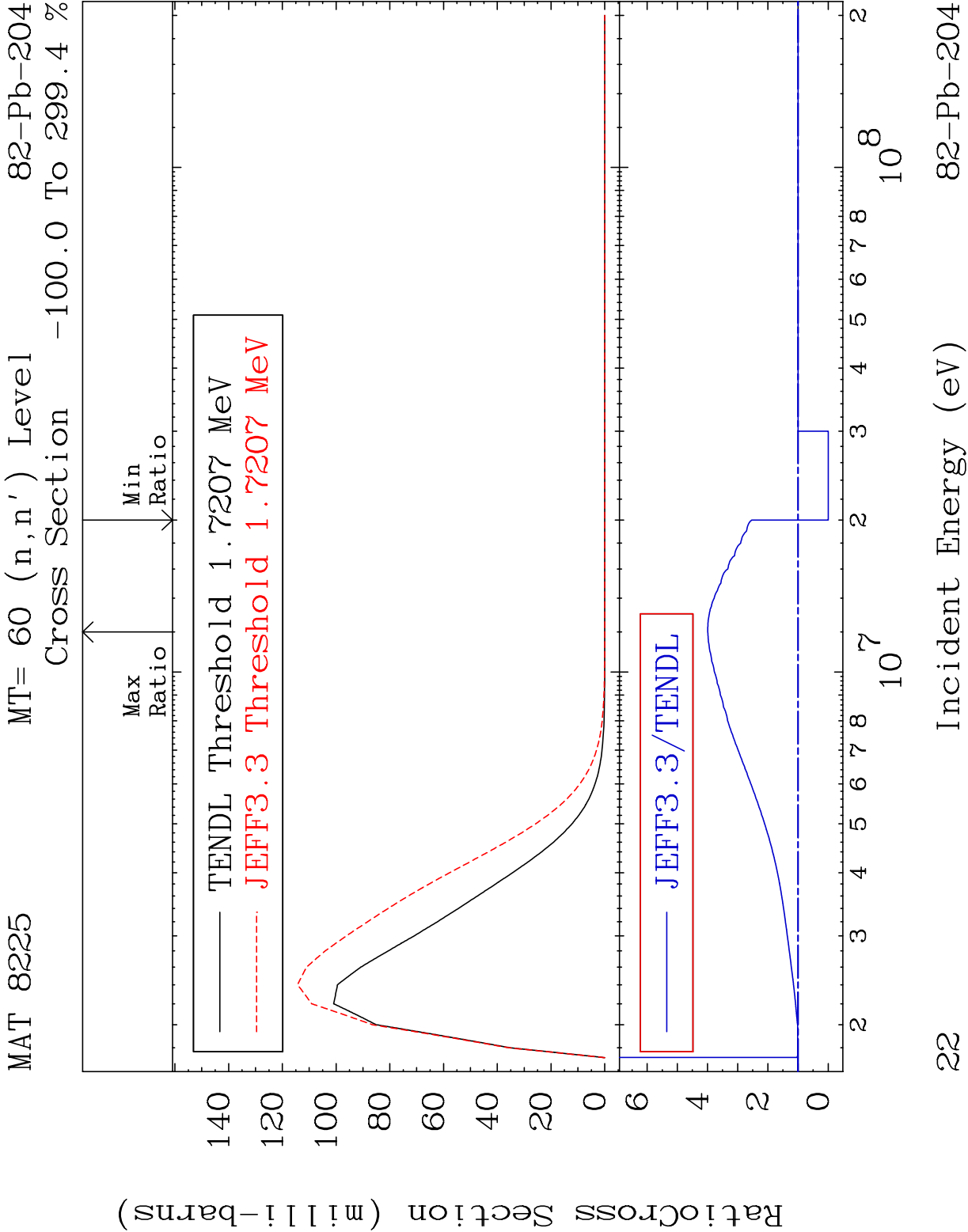


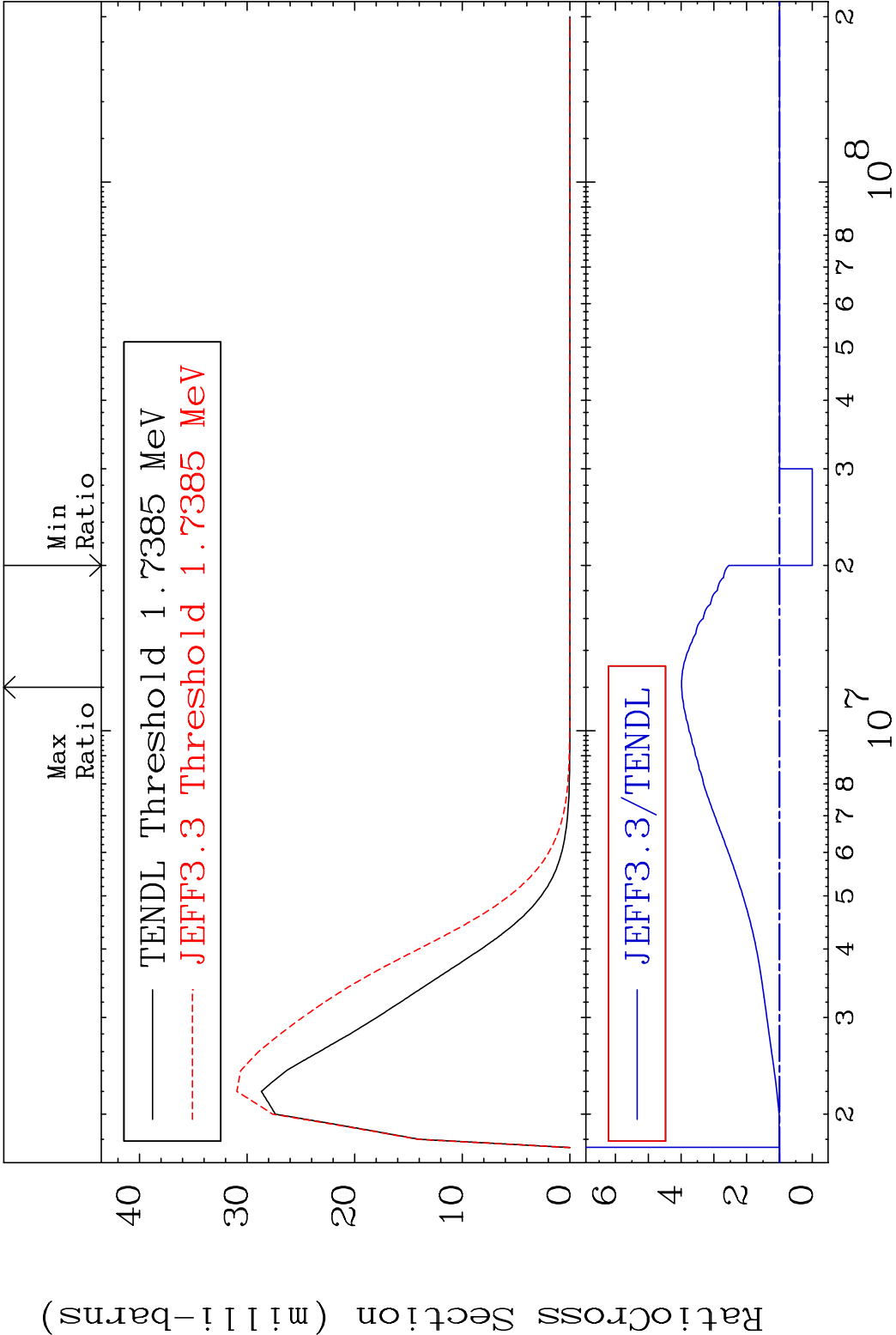
18 Incident Energy (eV) 82-Pb-204

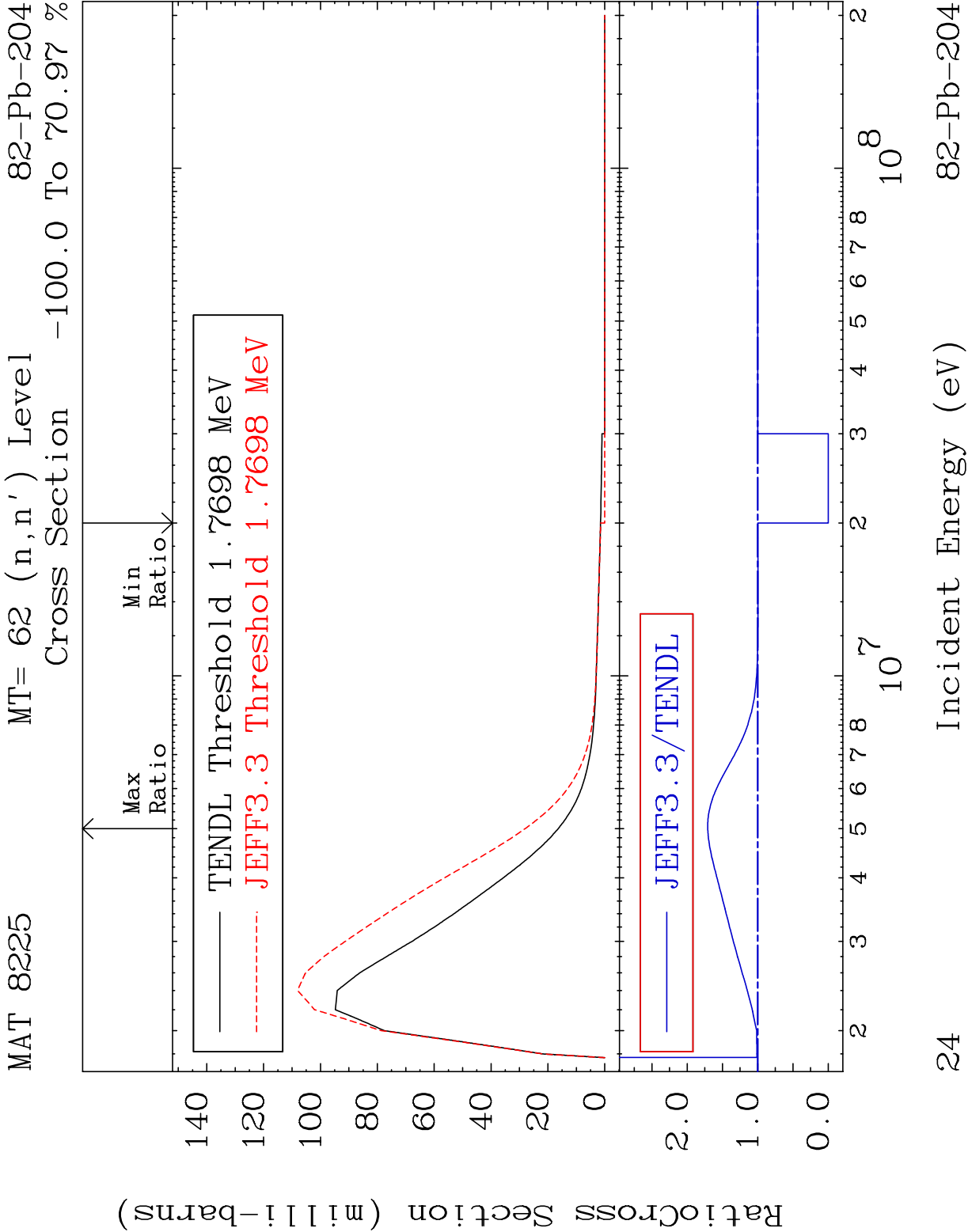


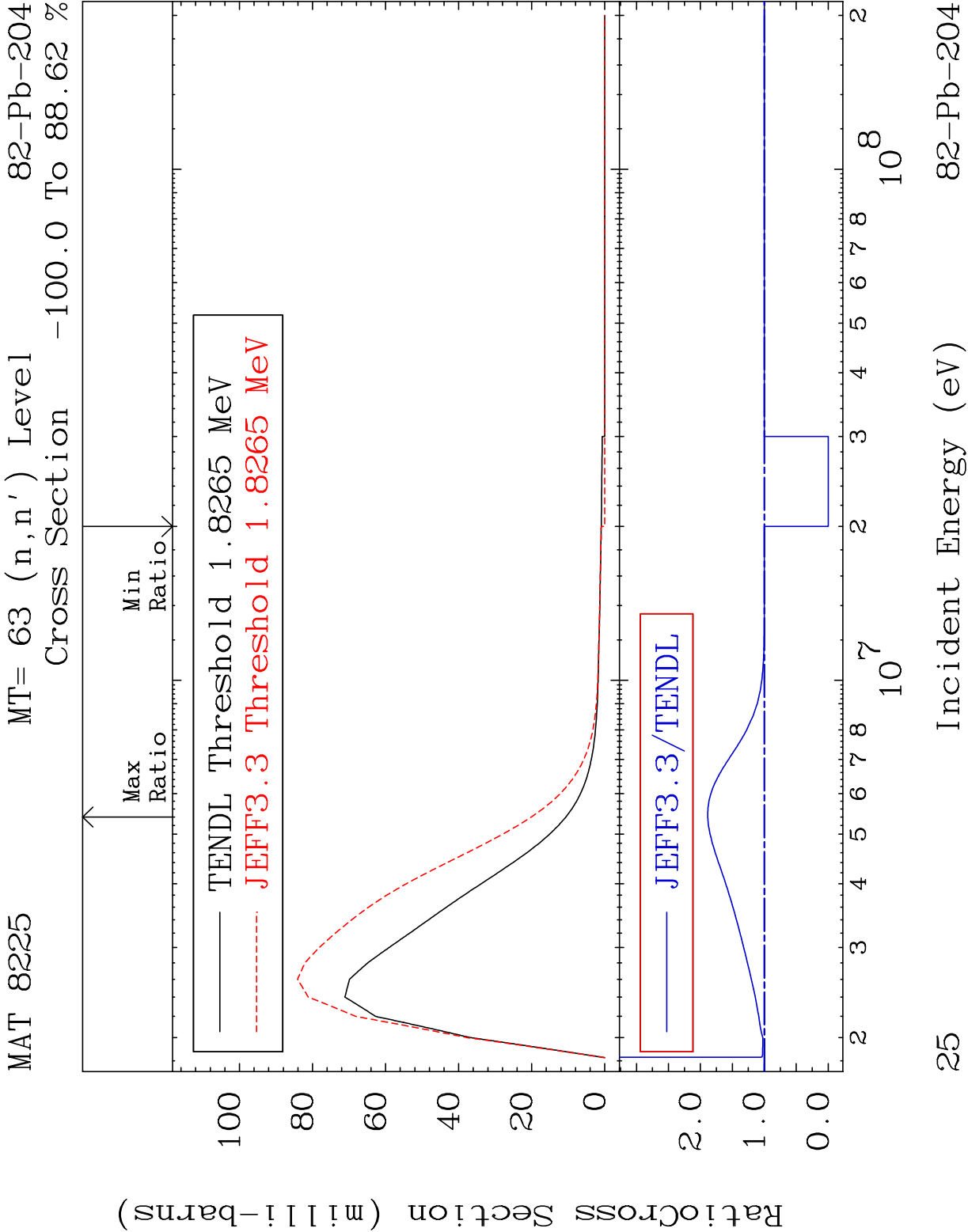


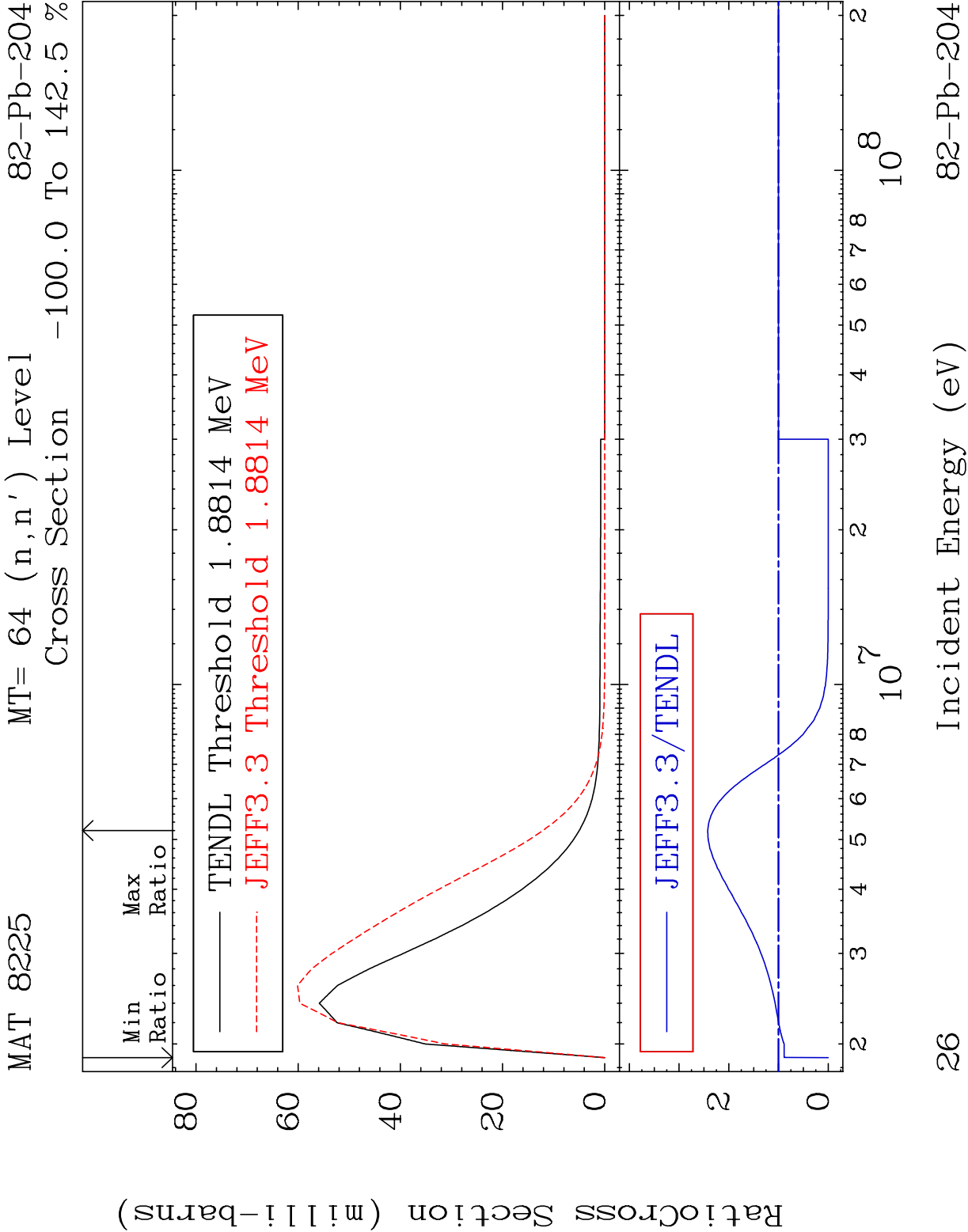


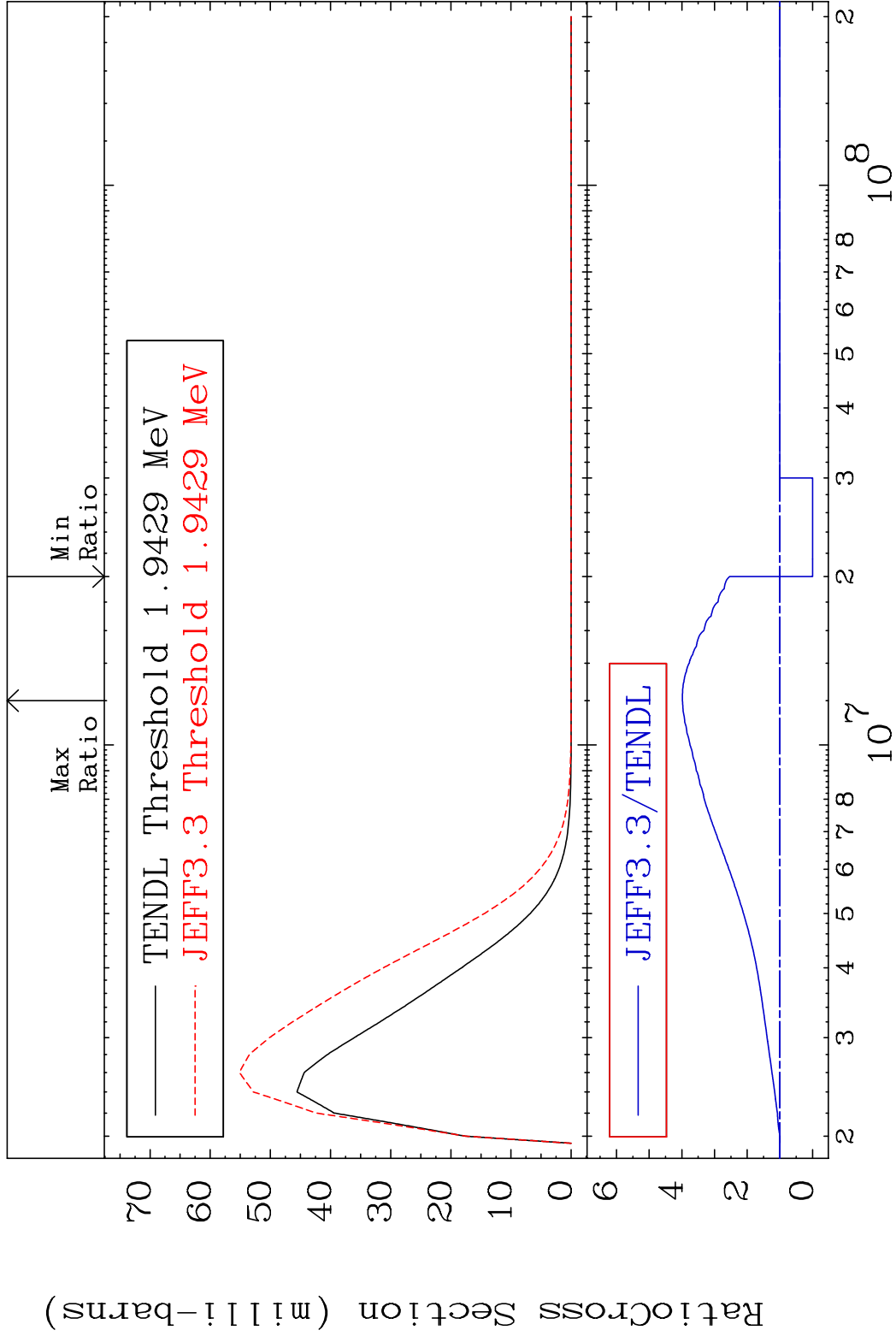












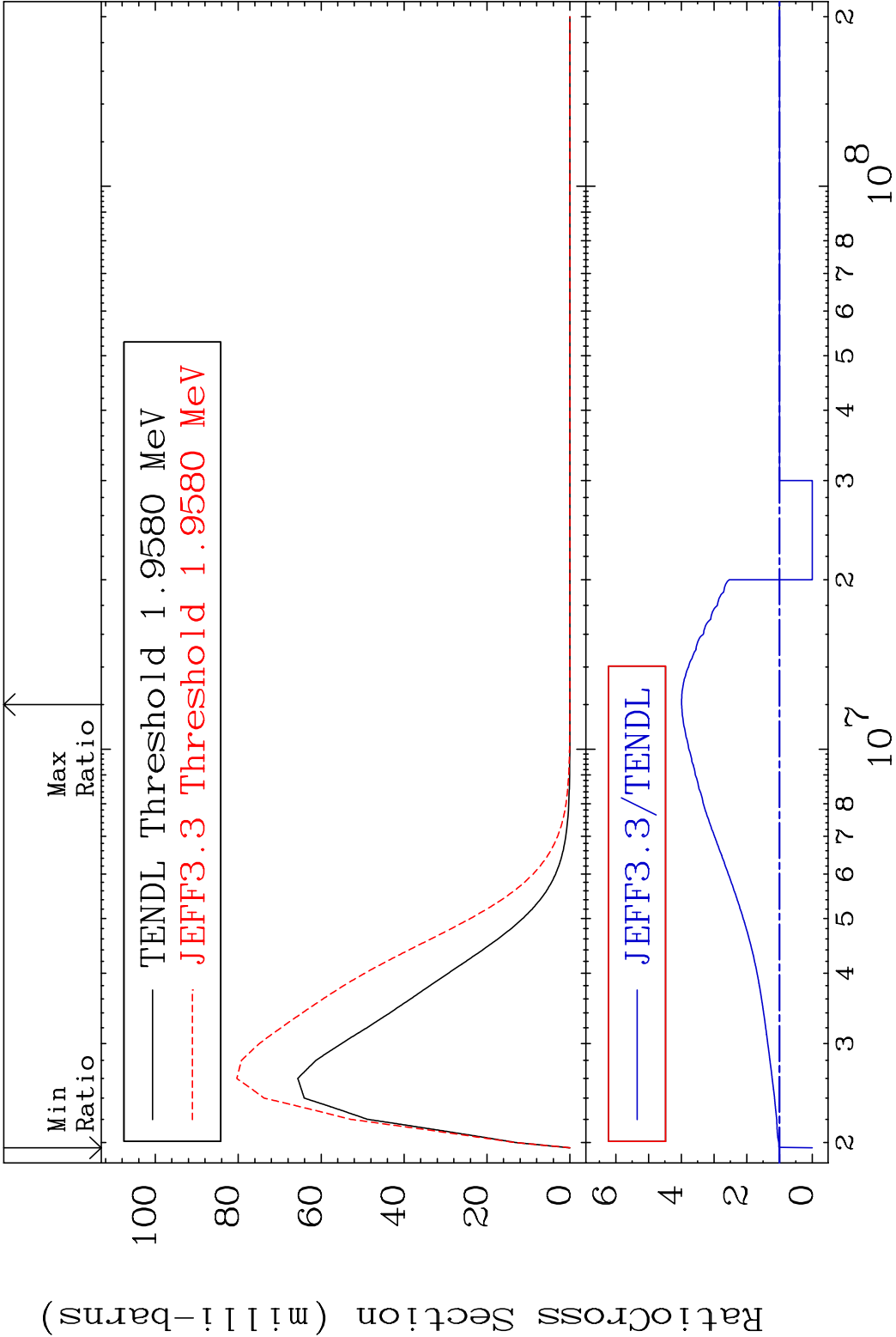
MAT 8225

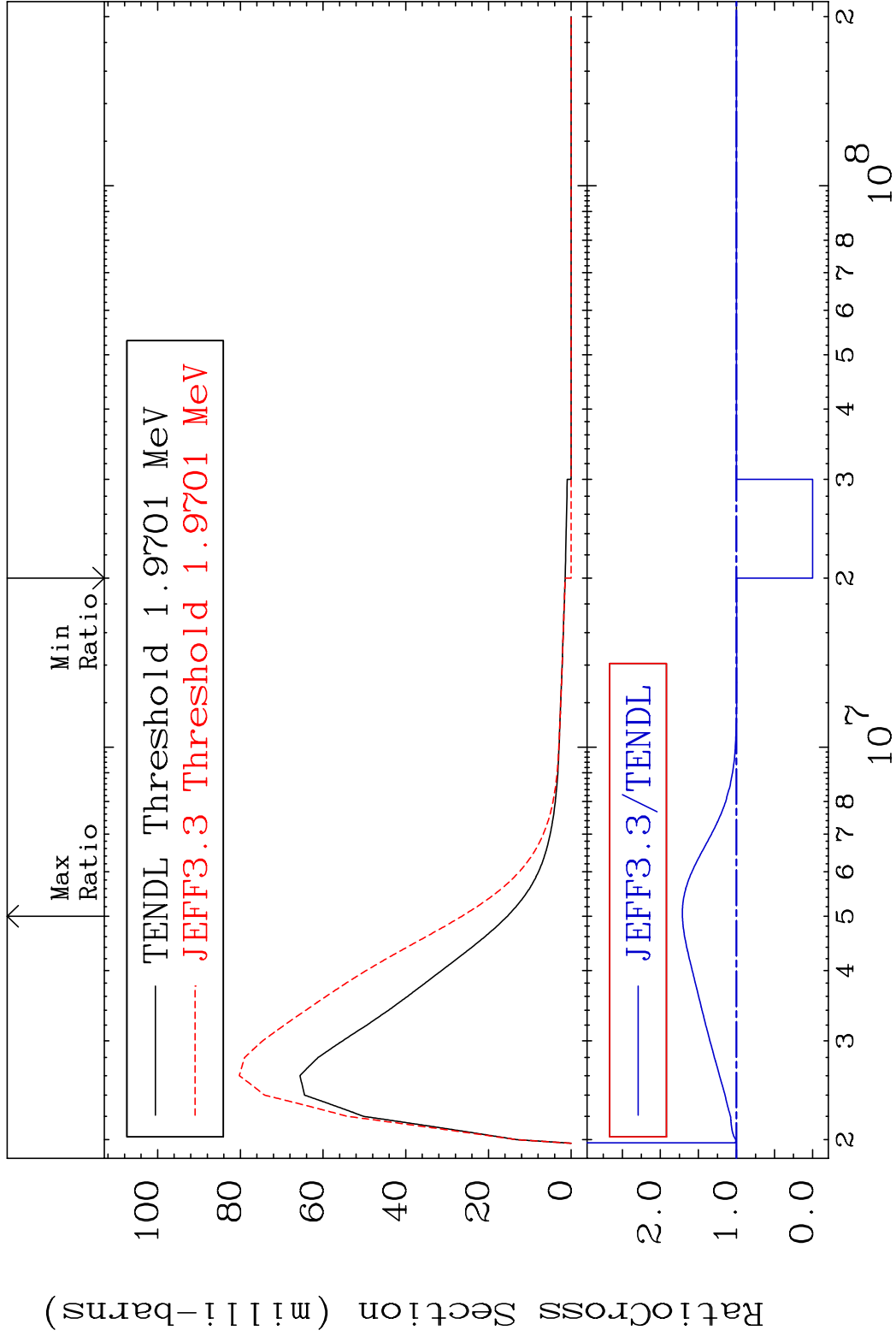
MT= 66 (n,n') Level

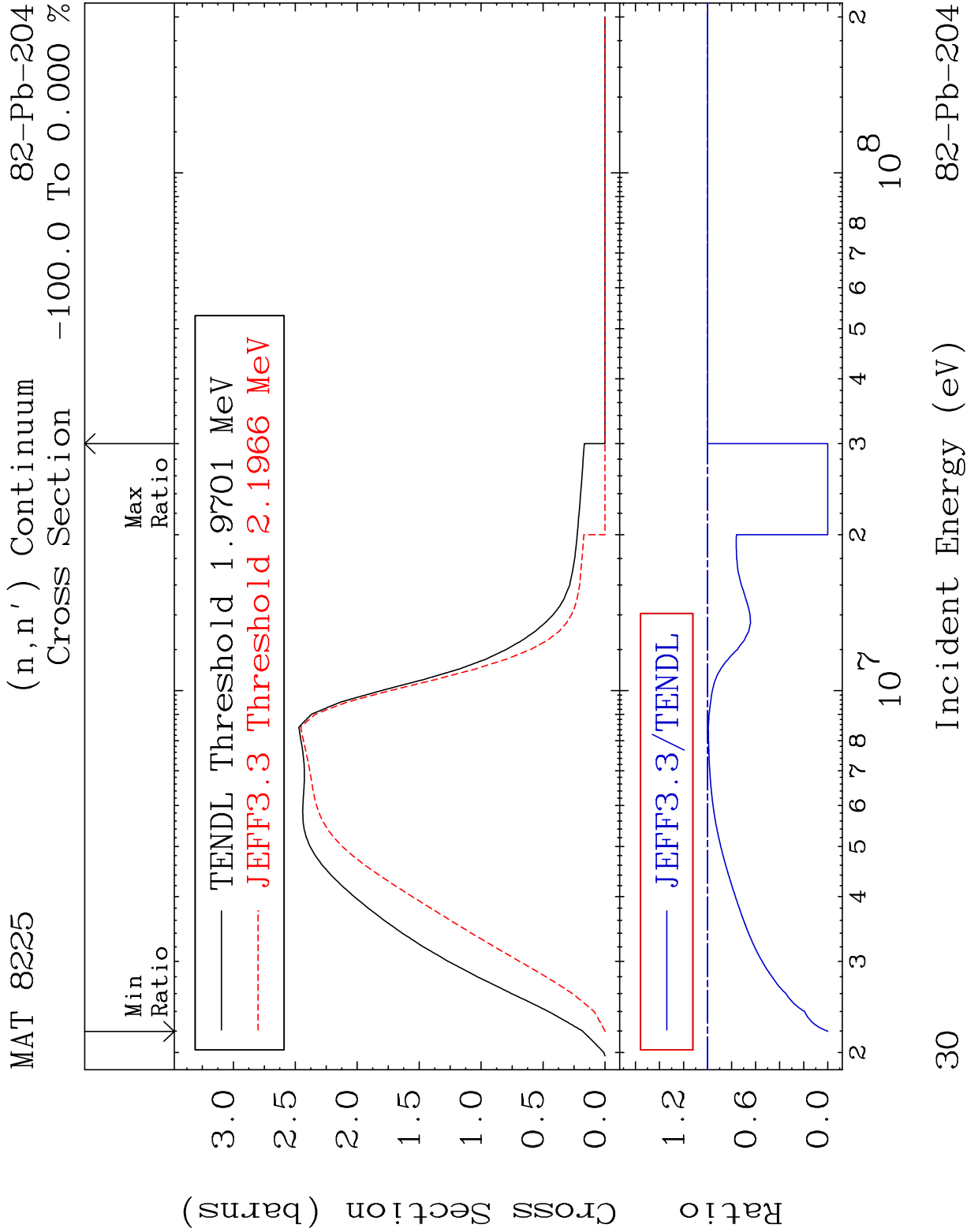
82-Pb-204

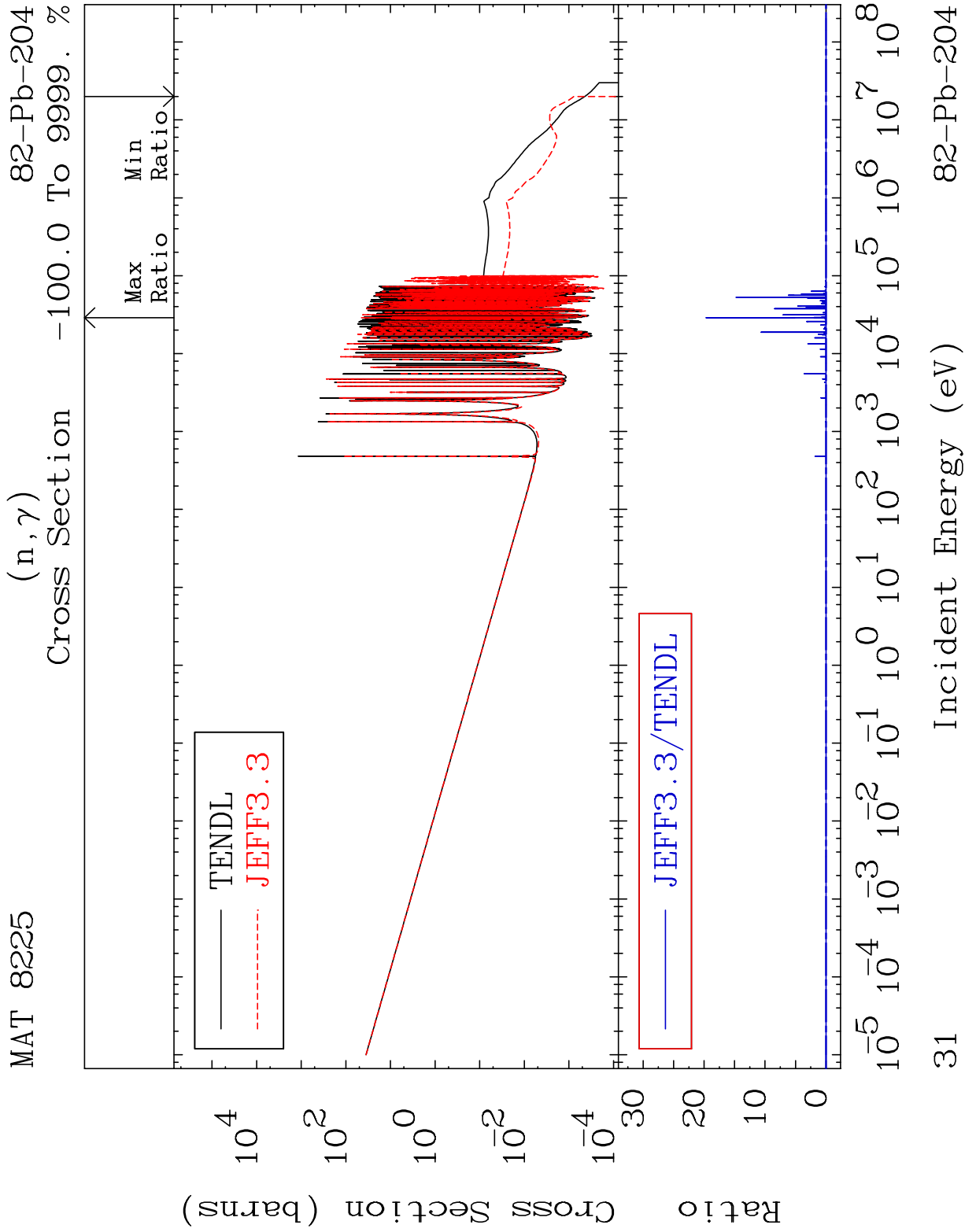
Cross Section

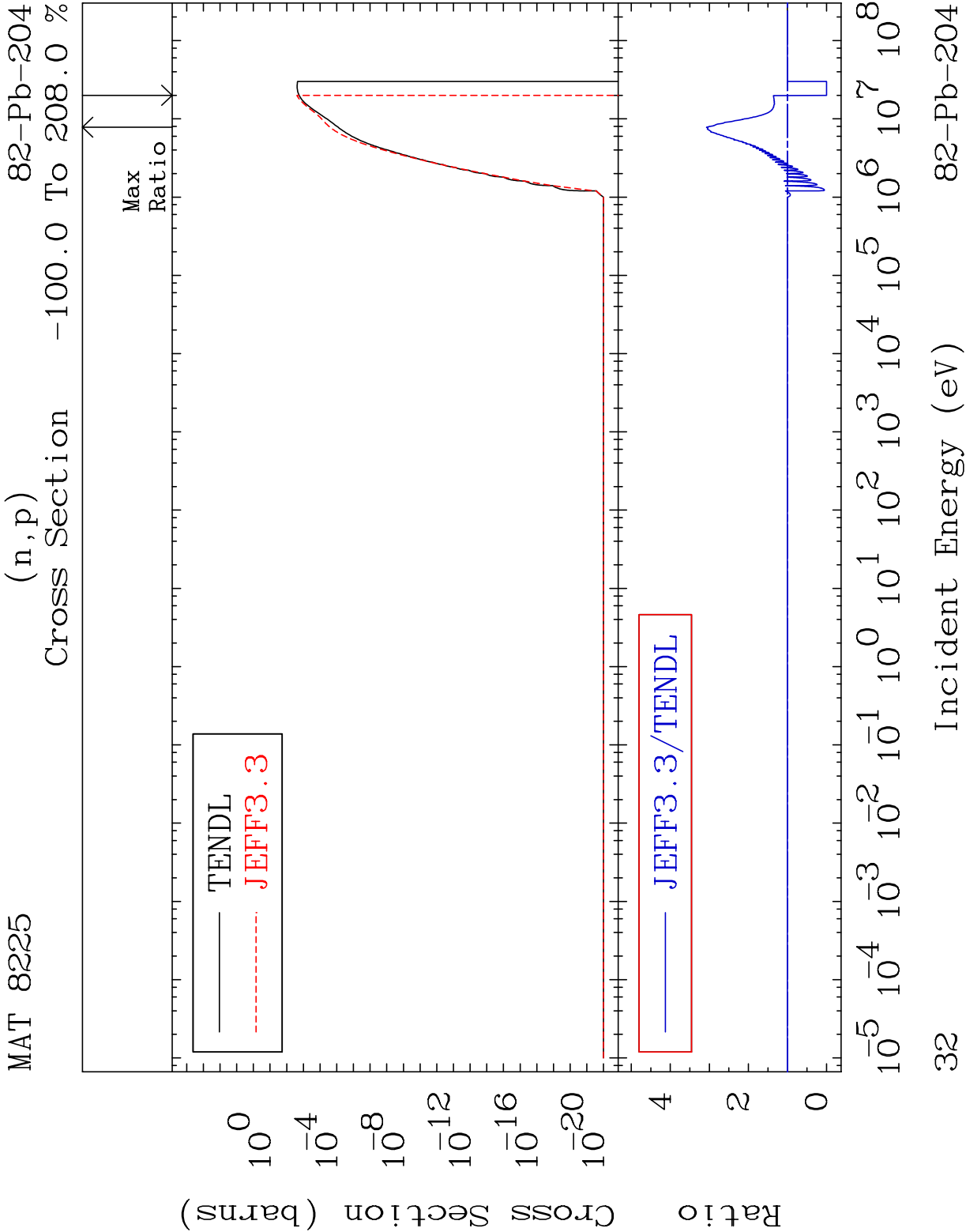
-100.0 To 299.3 %

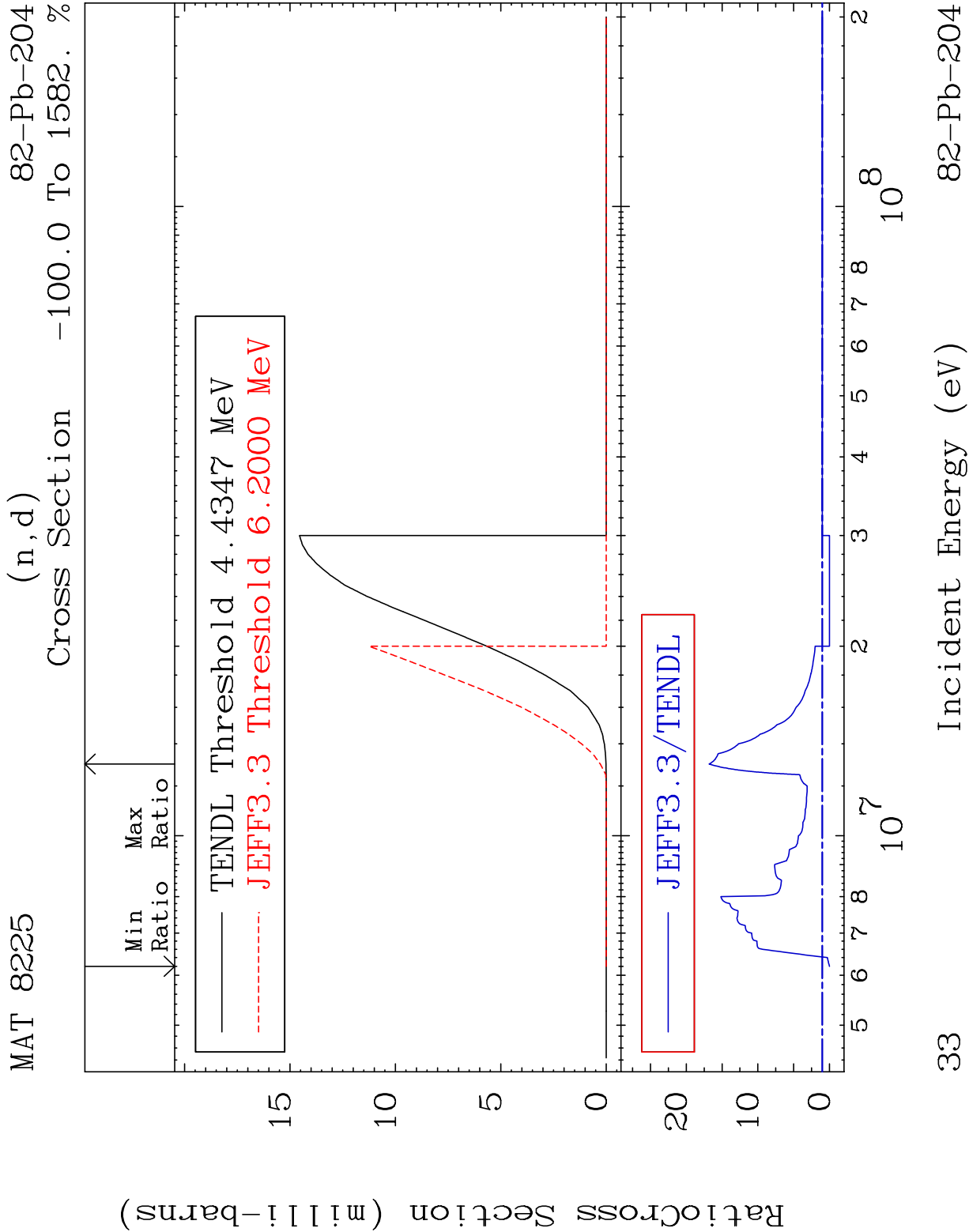


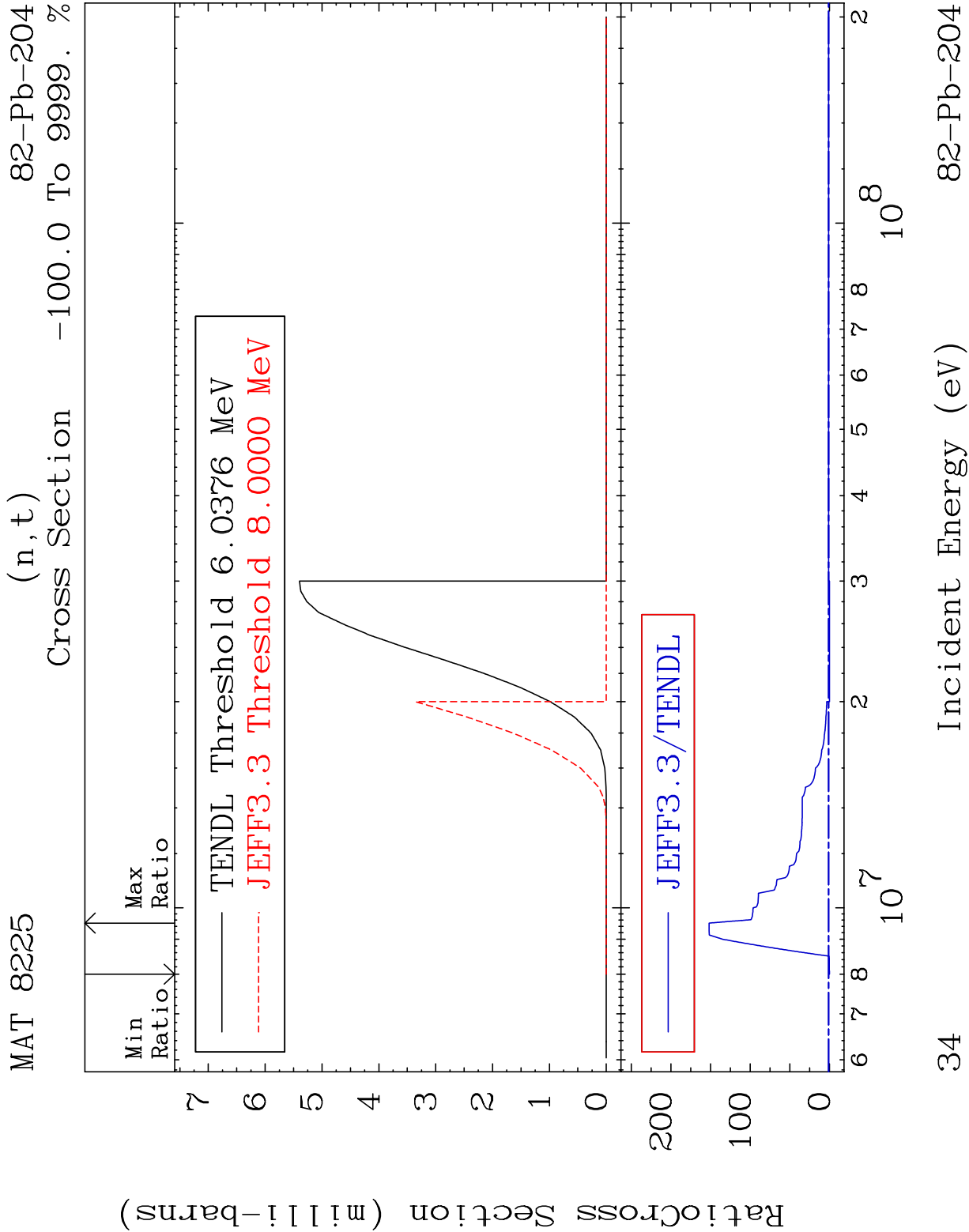


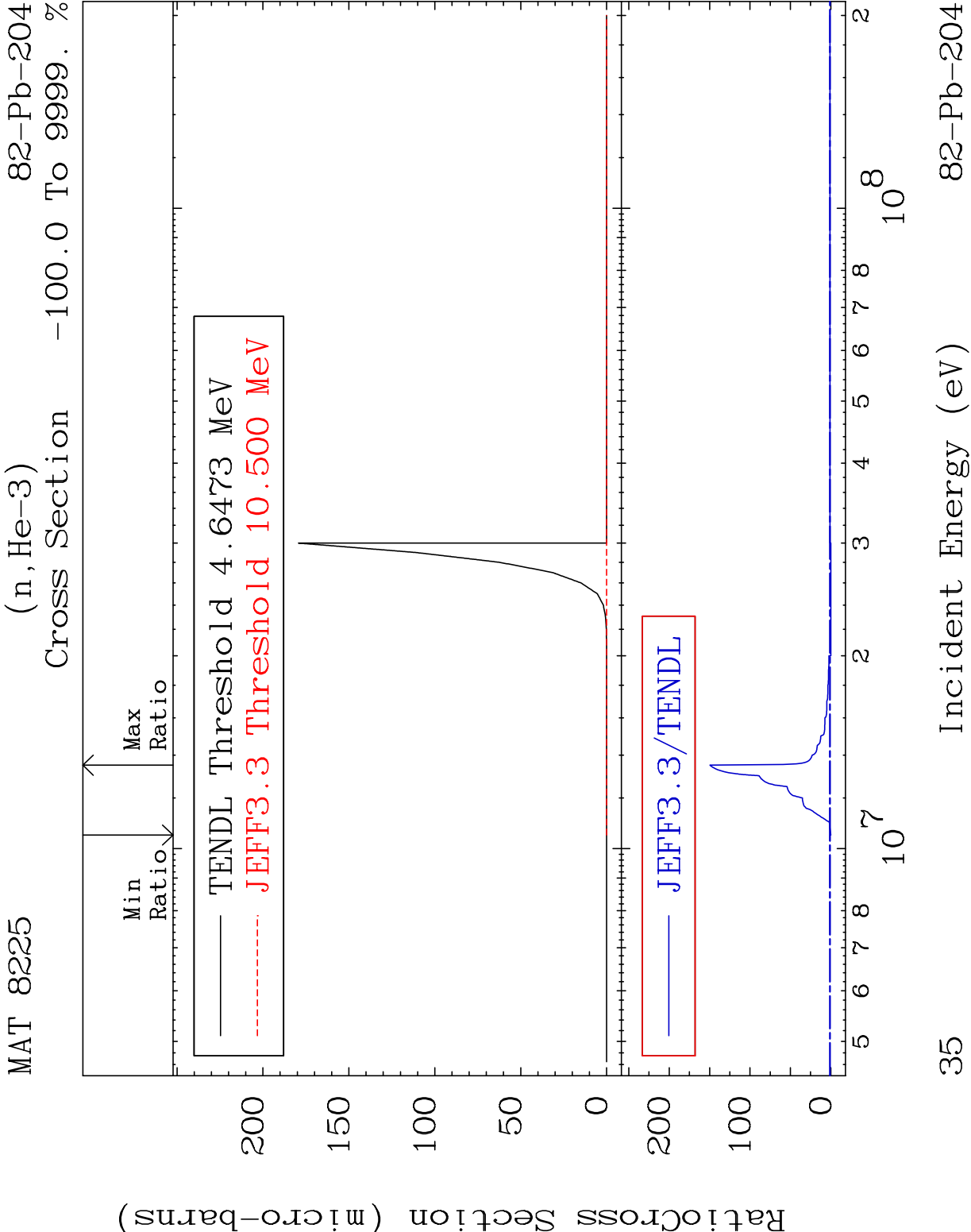


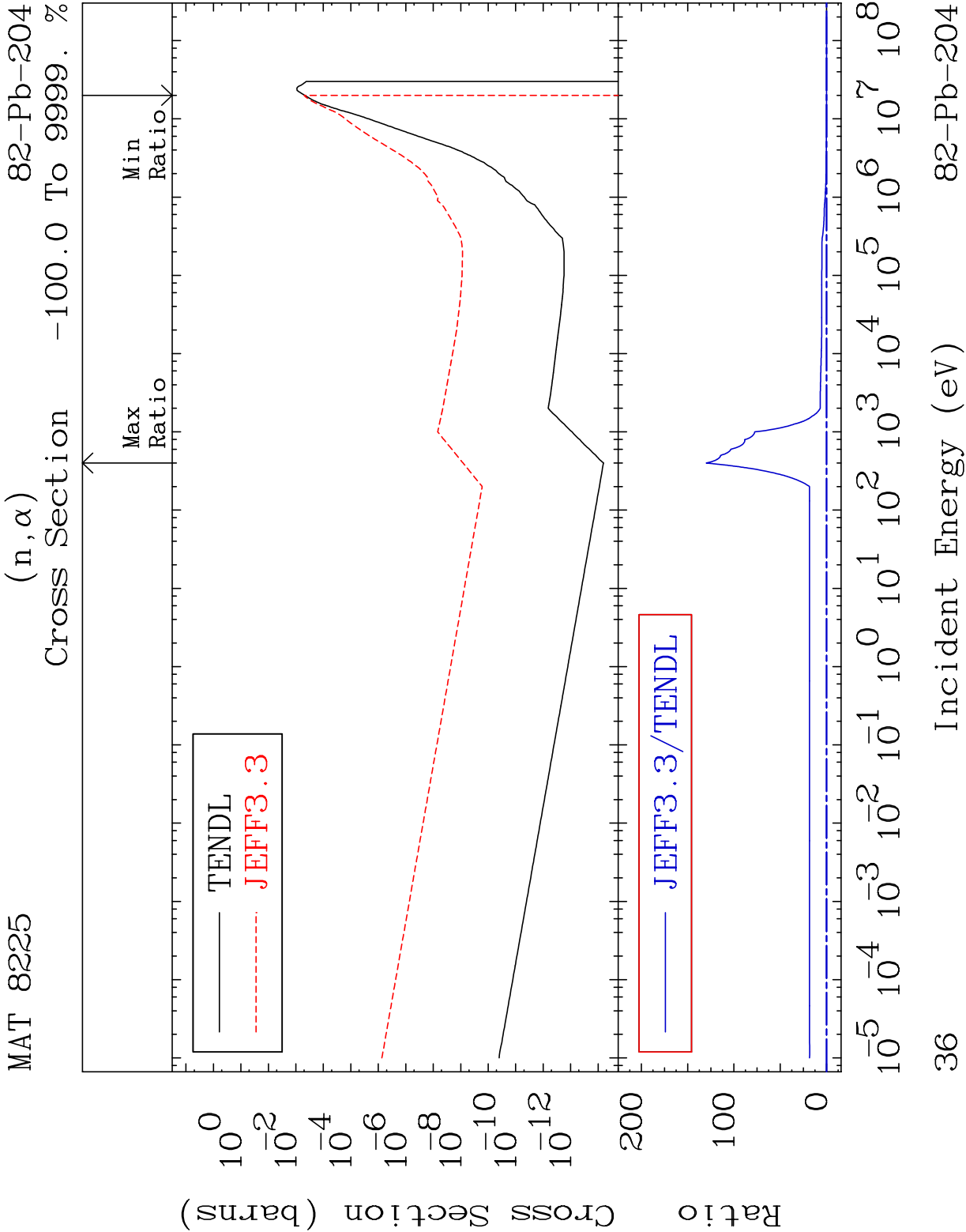


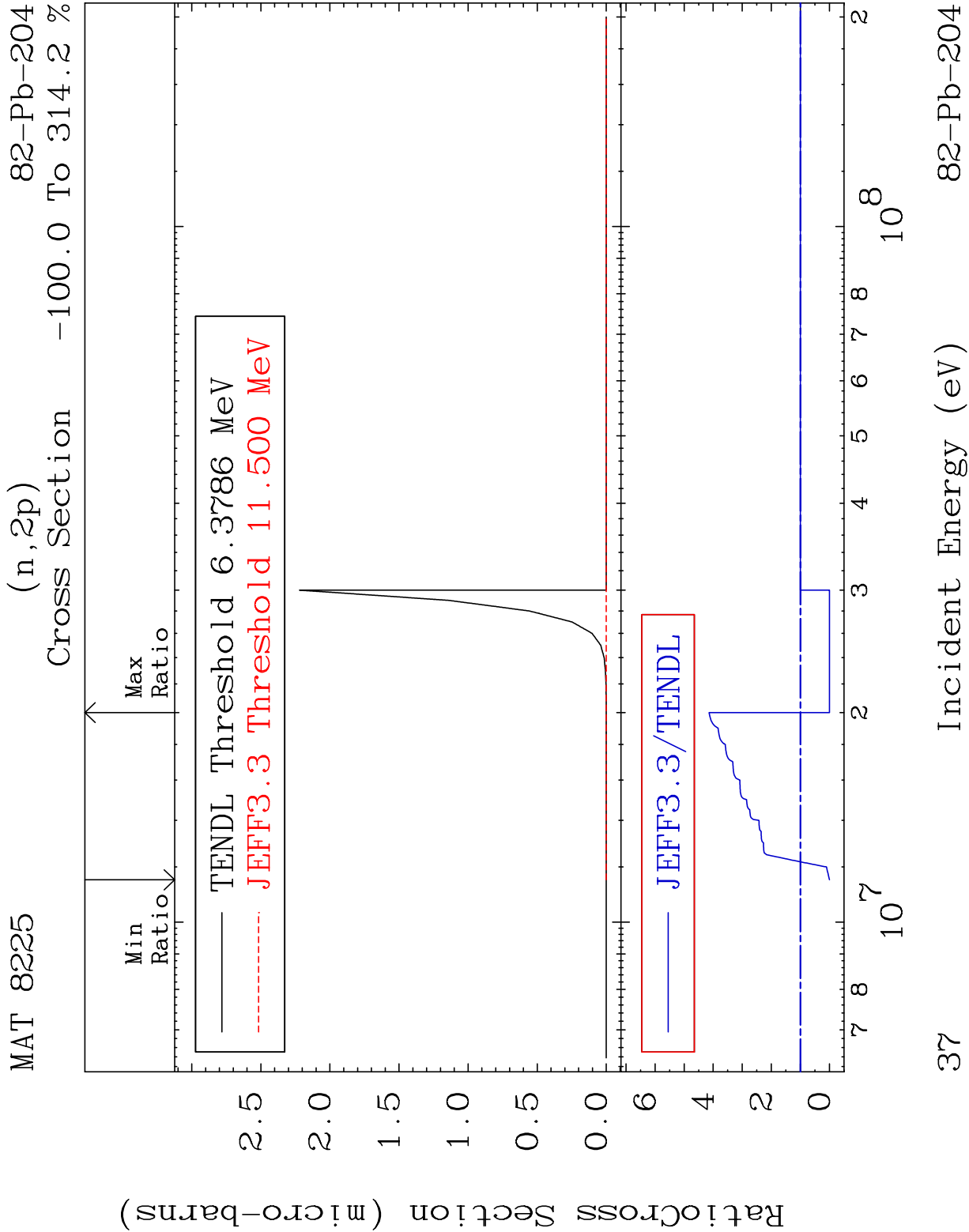










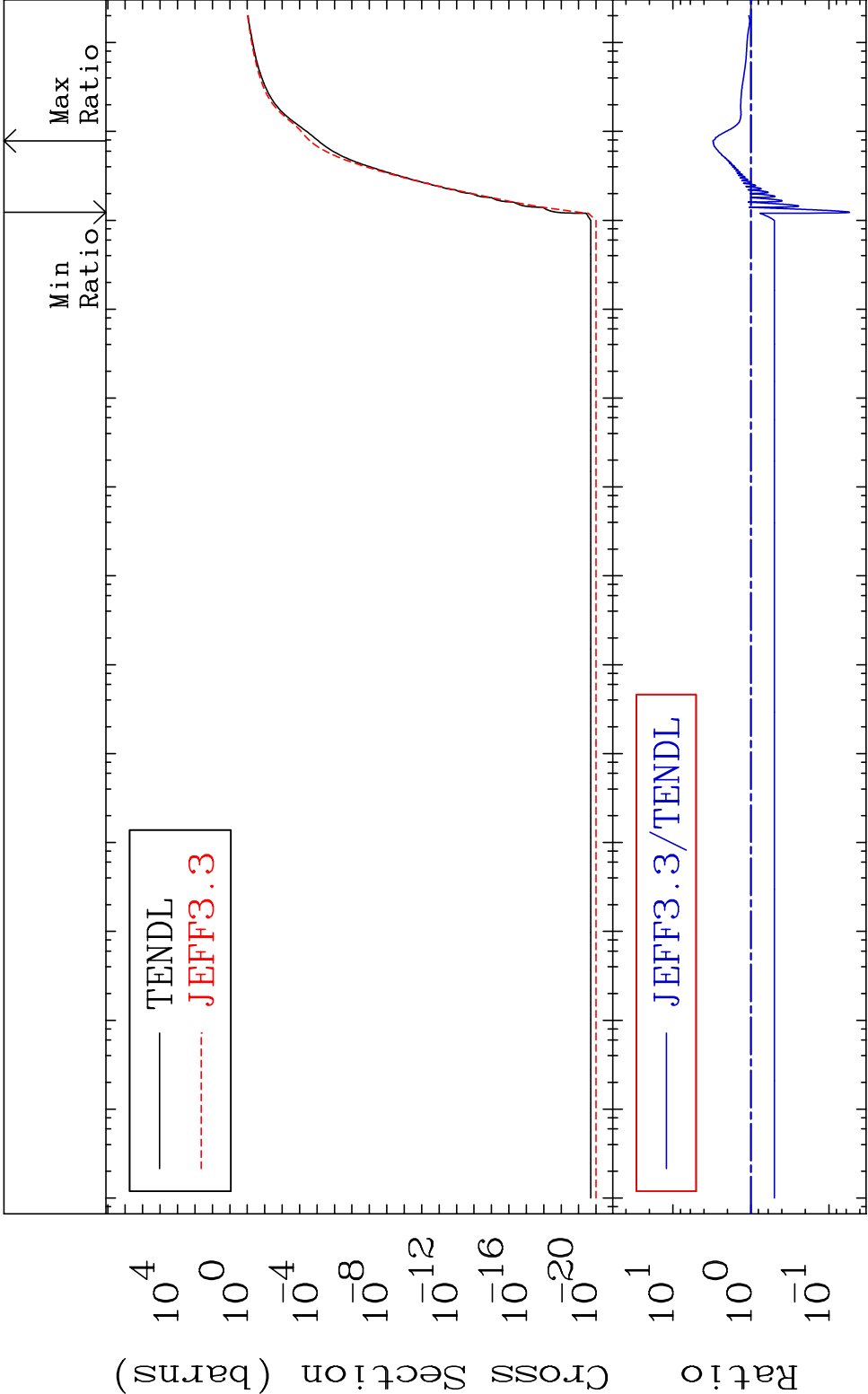


MAT 8225

Hydrogen Production

82-Pb-204

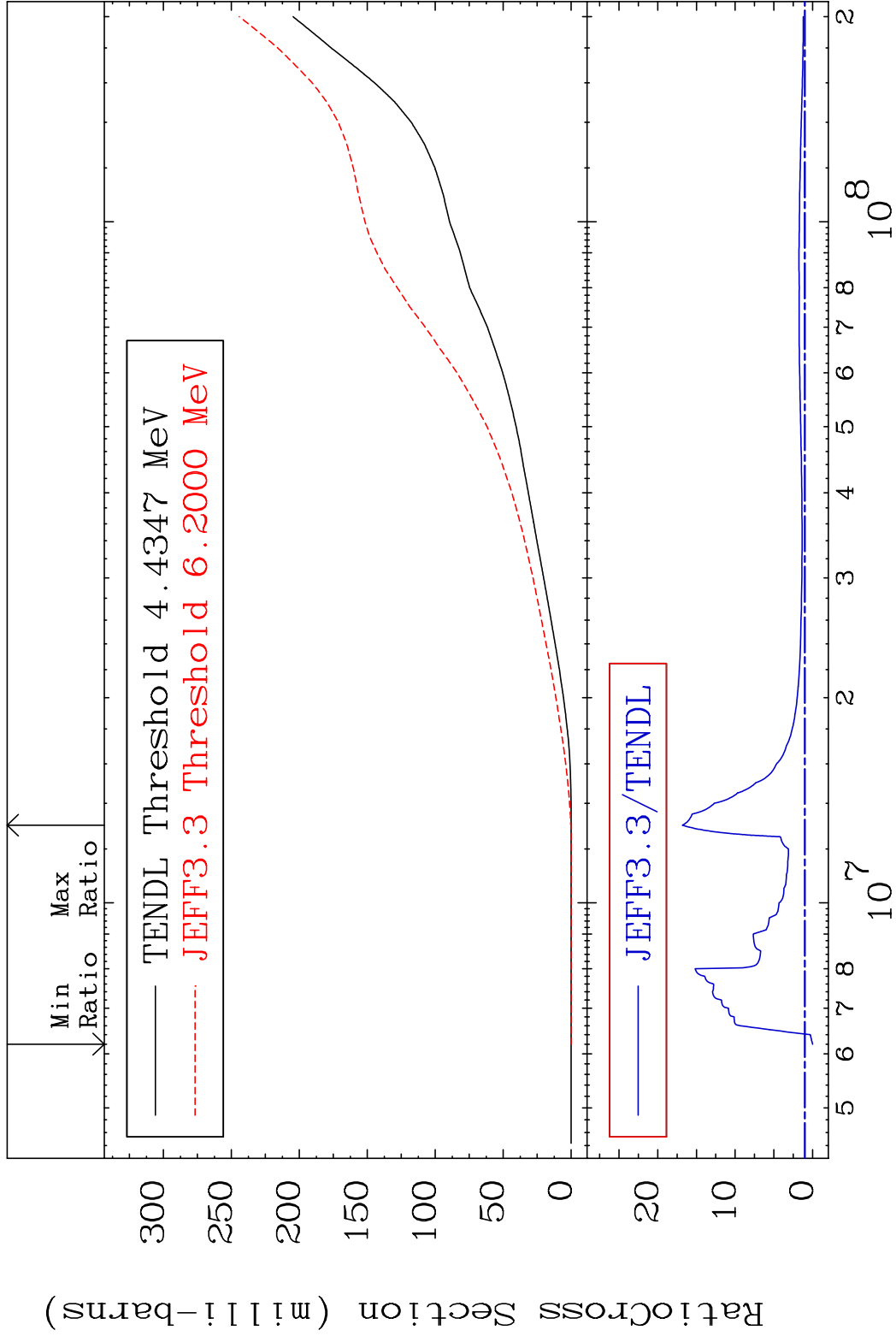
Cross Section -94.57 To 208.0 %

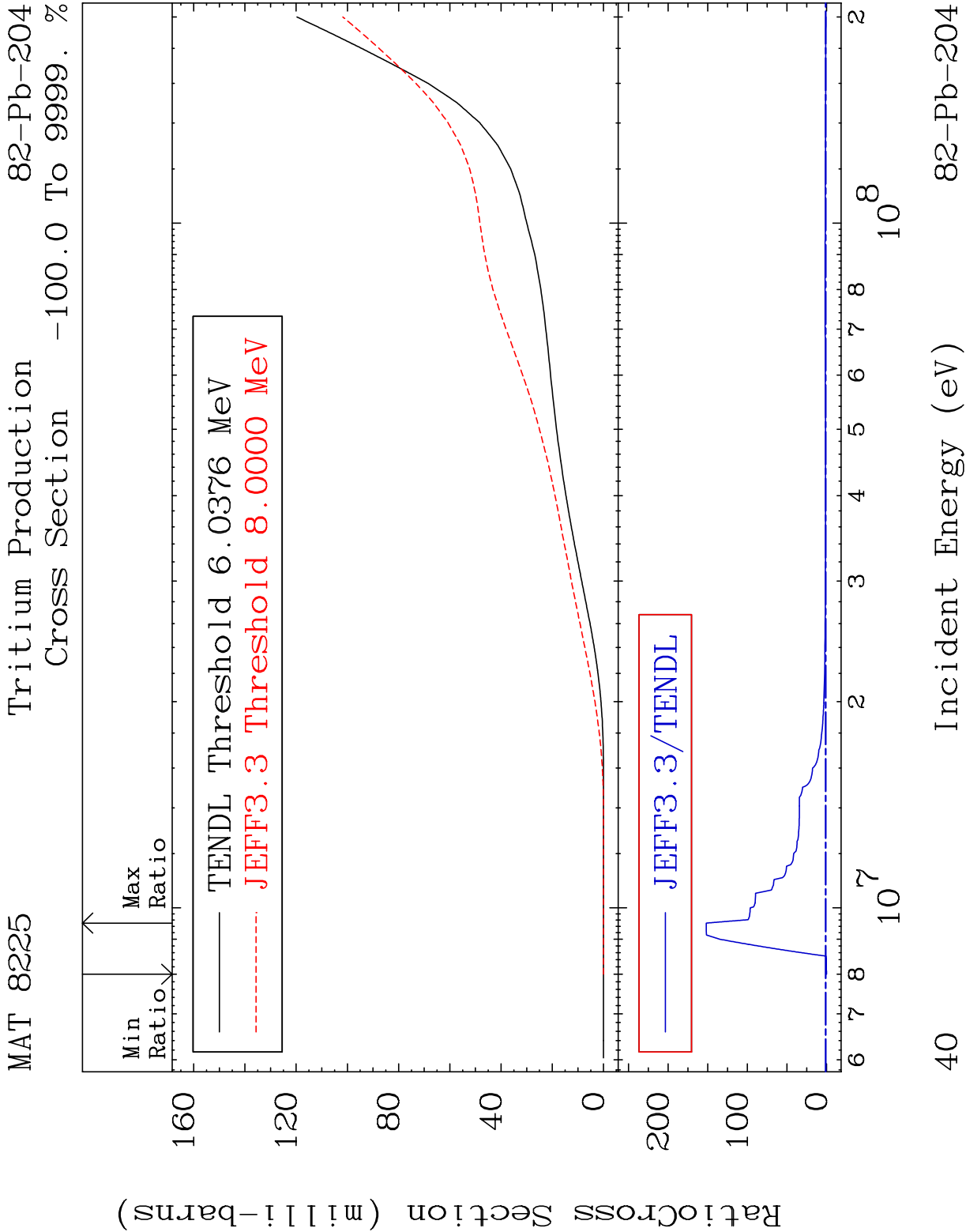


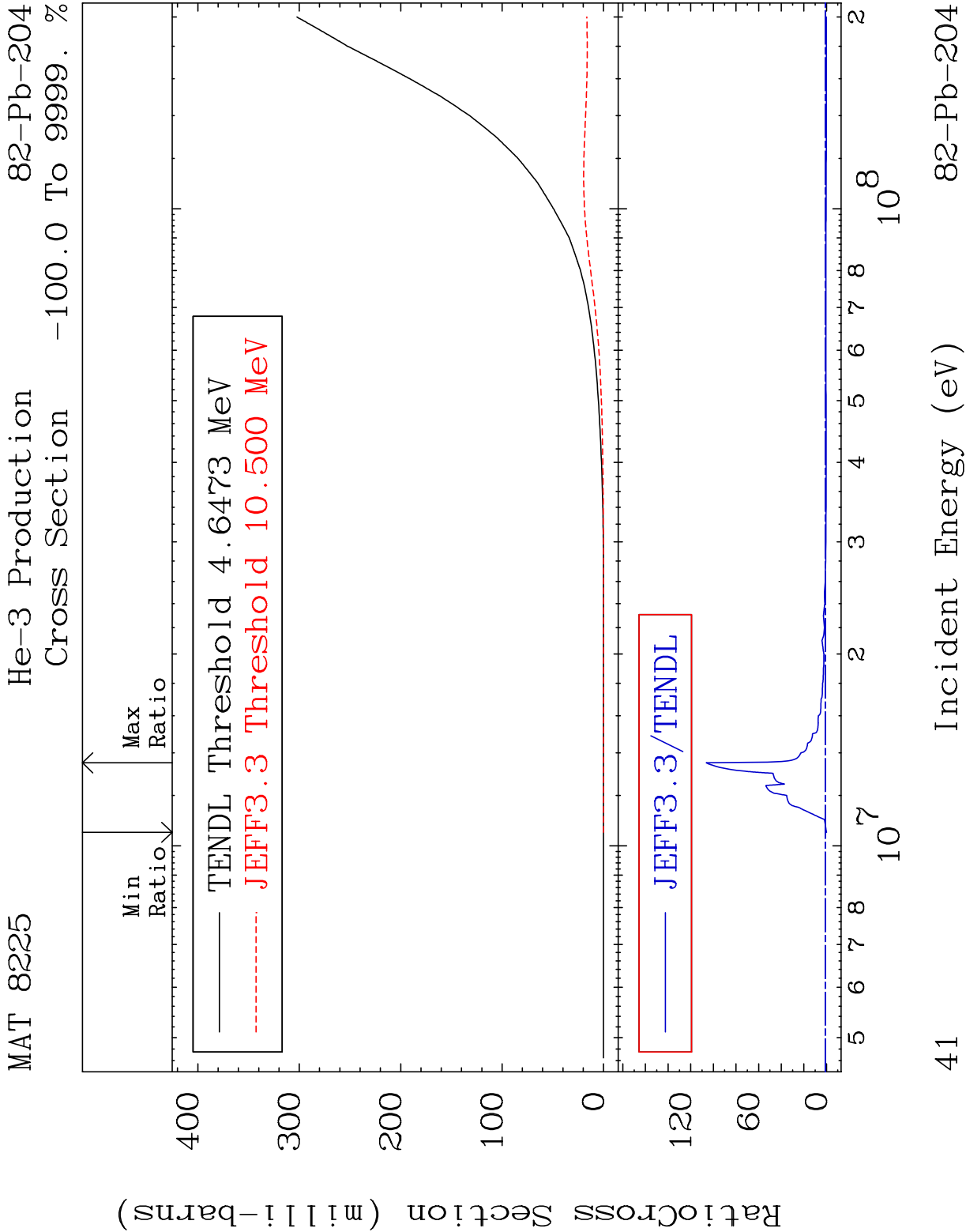
38

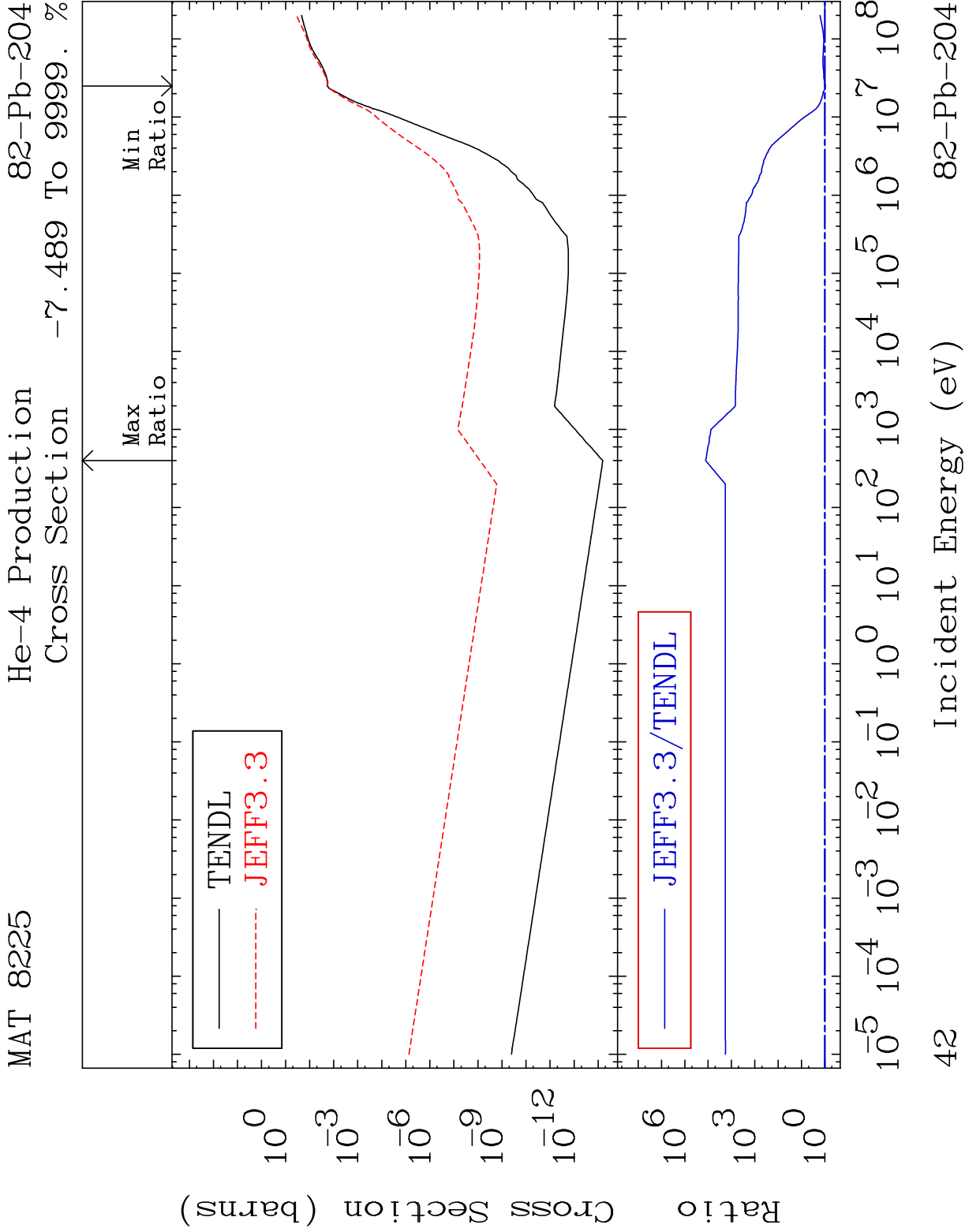
Incident Energy (eV)

82-Pb-204

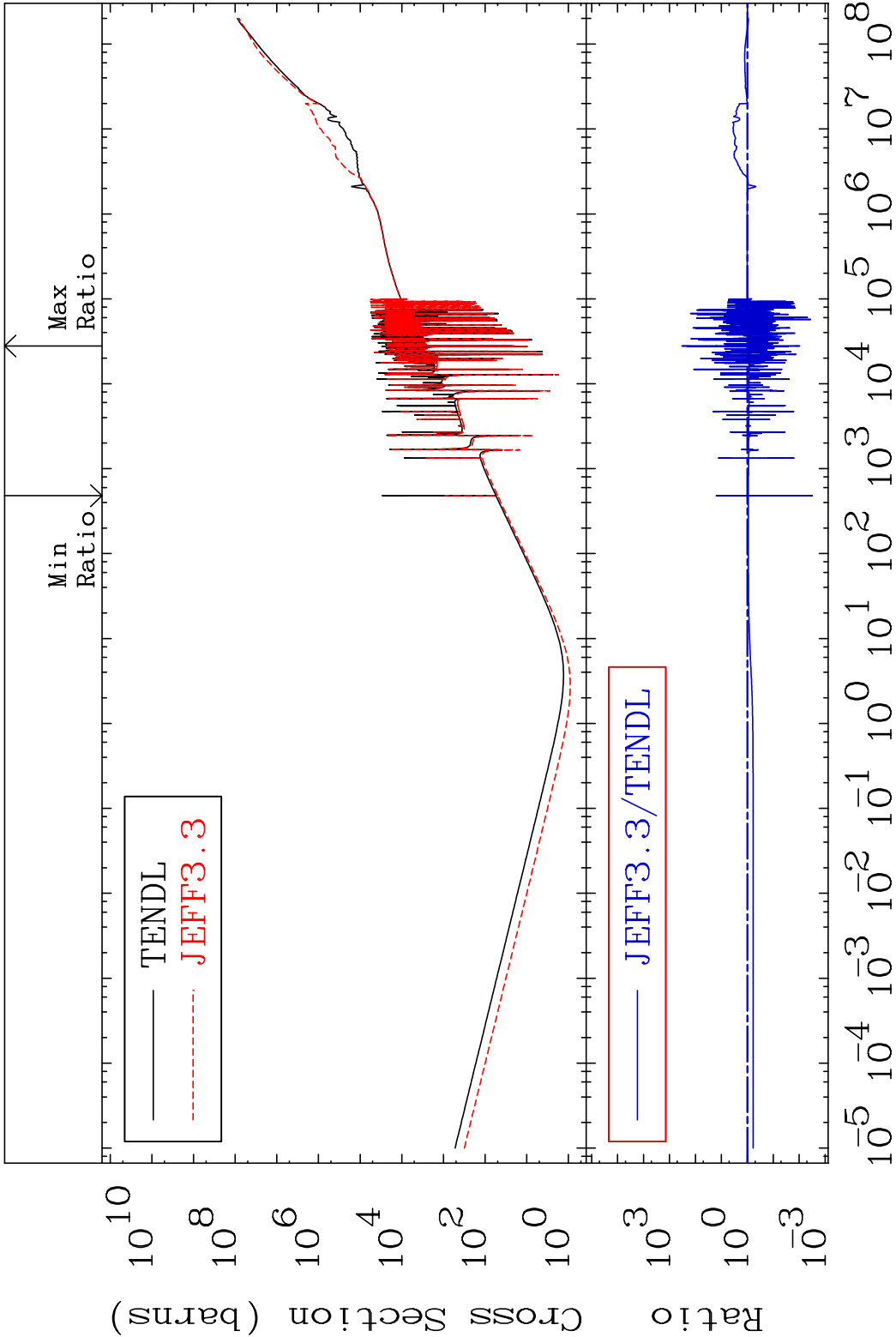




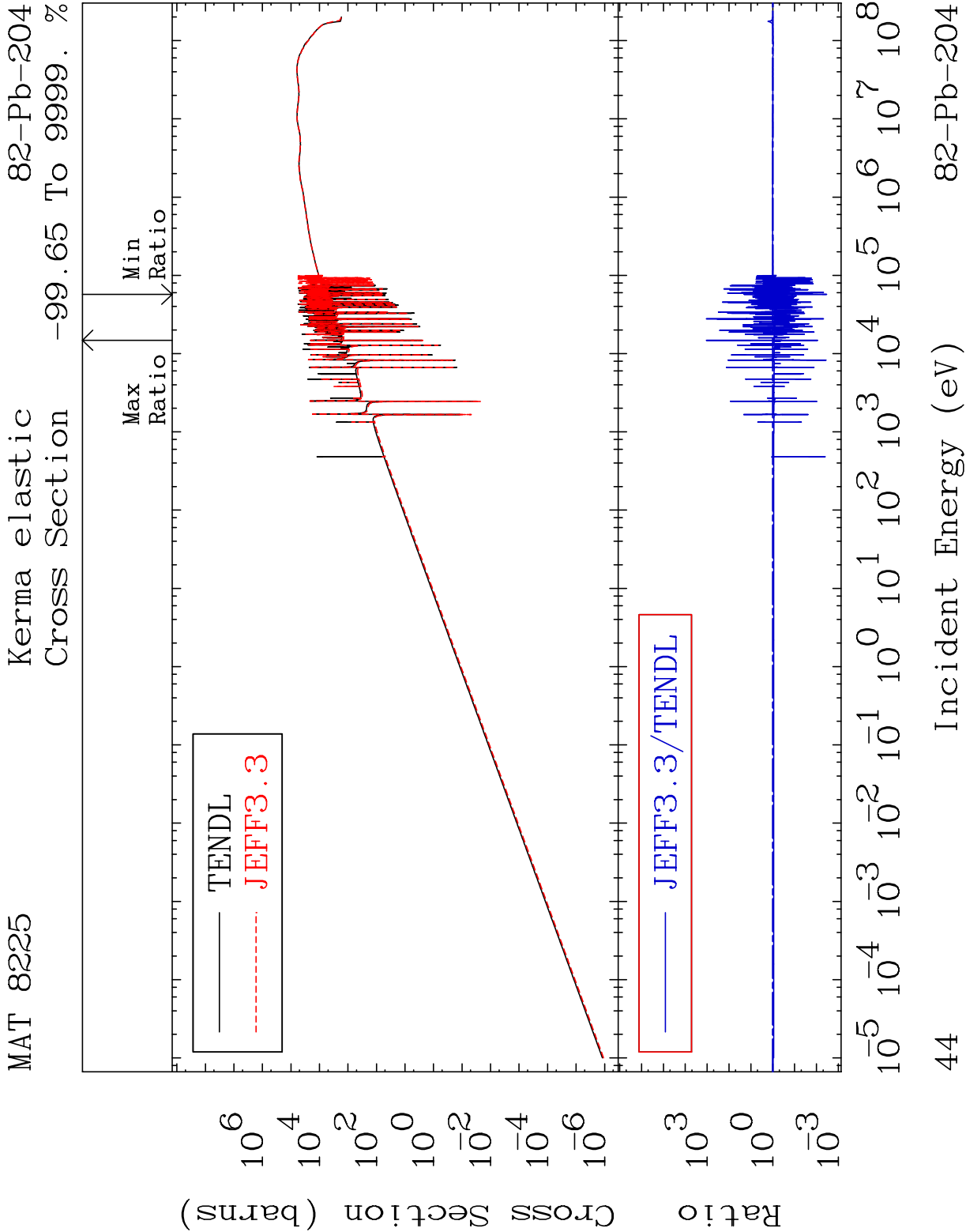




MAT 8225 Kerma total (eV-barns) 82-Pb-204
Cross Section -99.69 To 9999. %

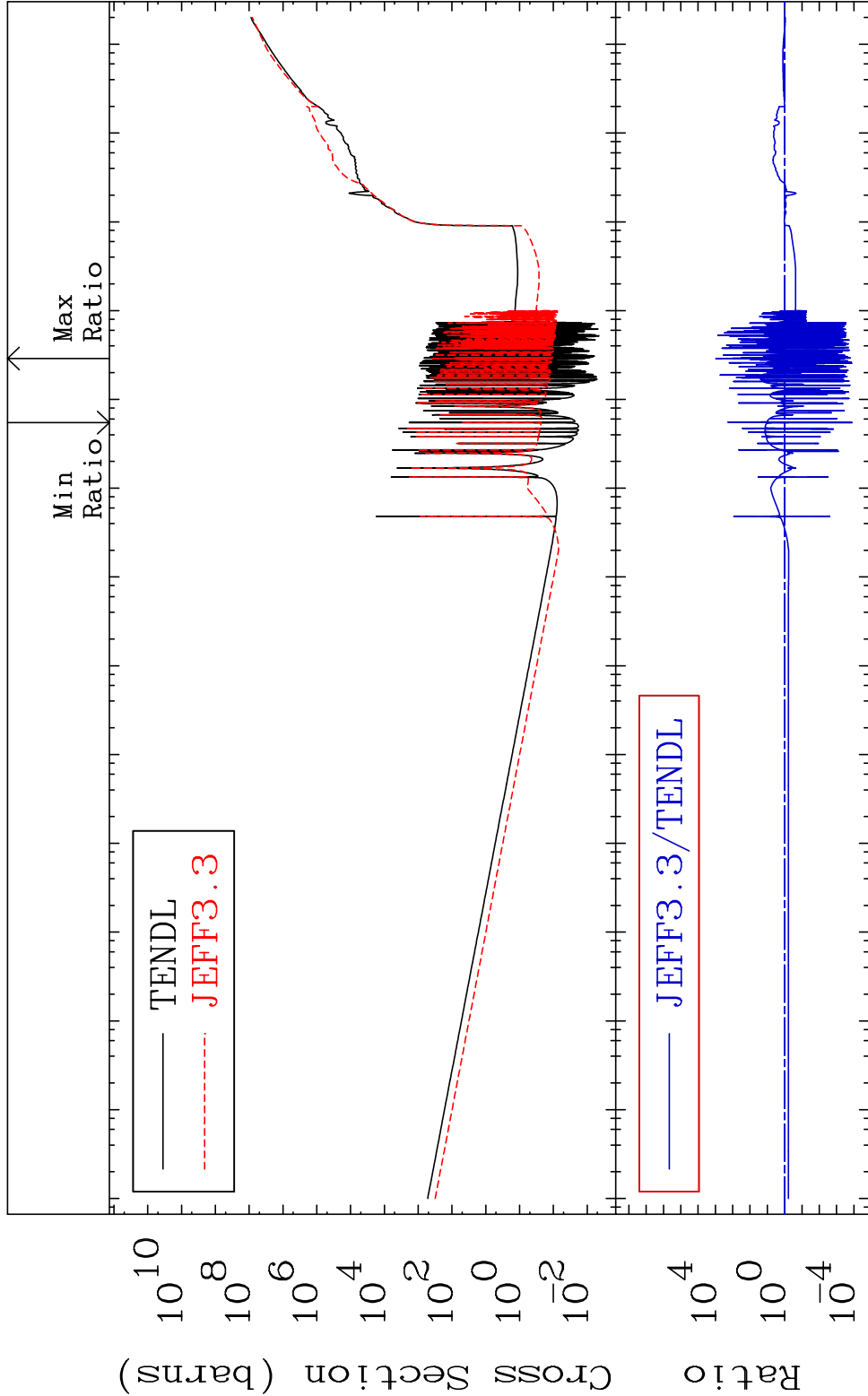


43 Incident Energy (eV) 82-Pb-204



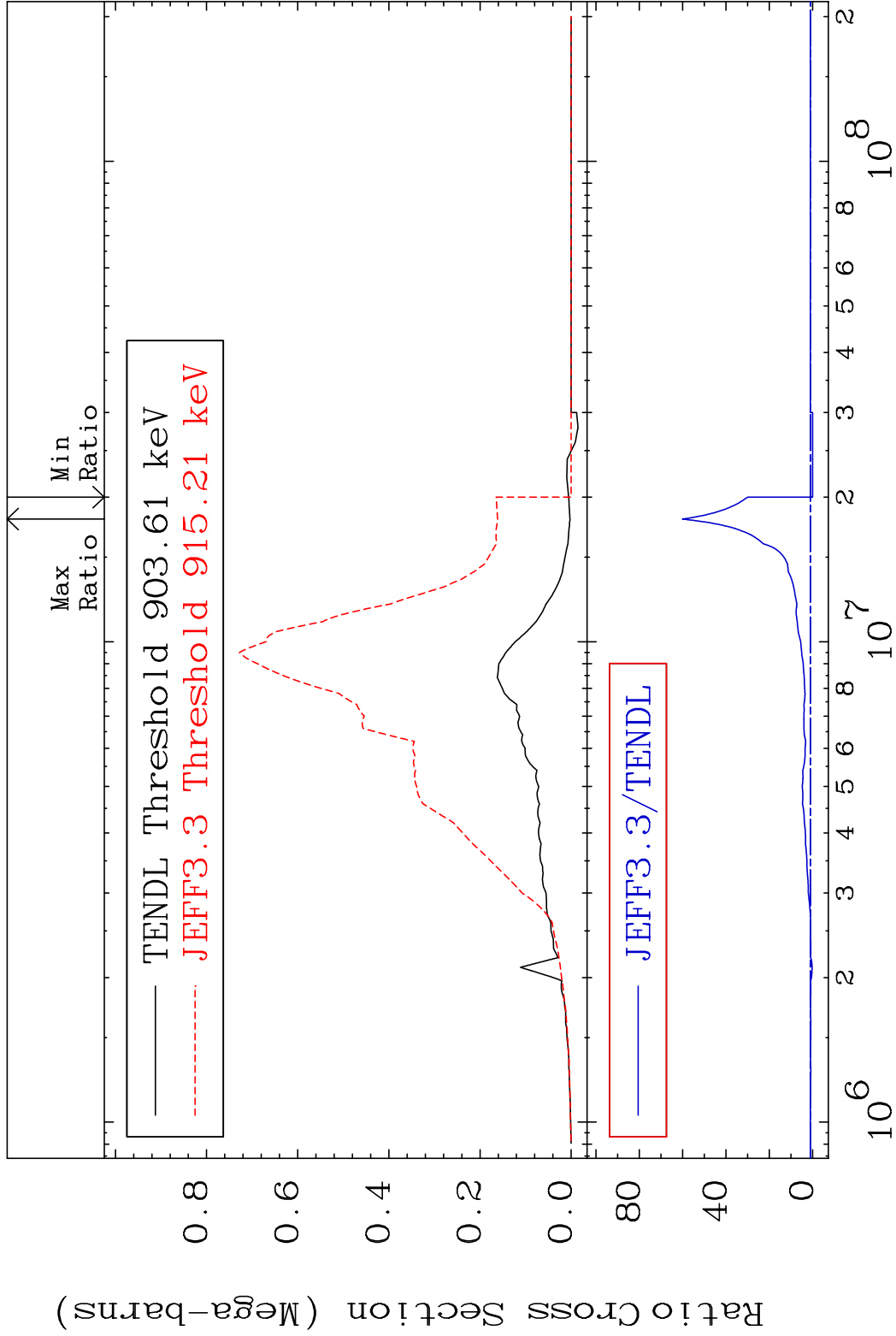
MAT 8225 Kerma non-elastic (all but mt2) 82-Pb-204

Cross Section -99.99 To 9999. %

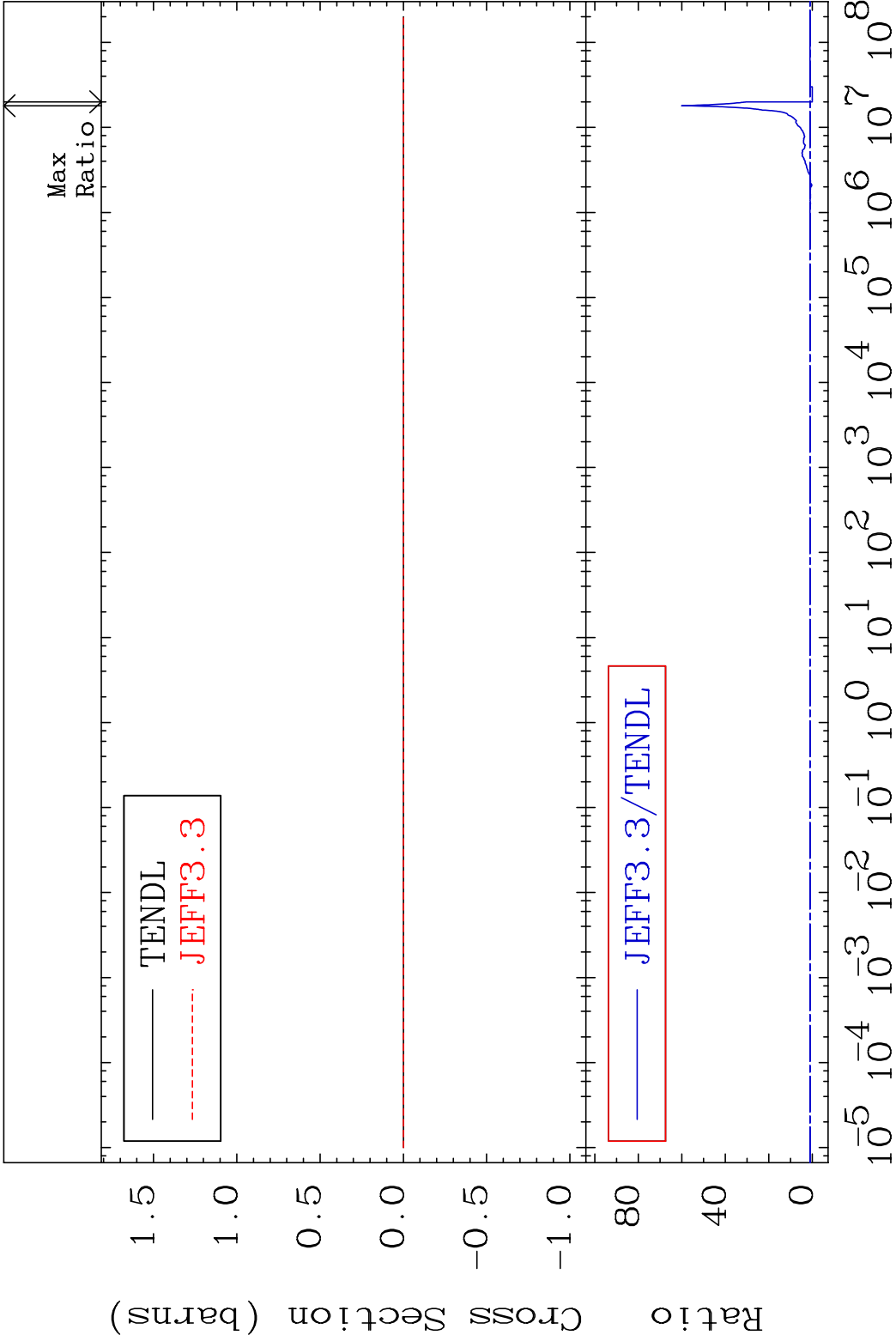


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

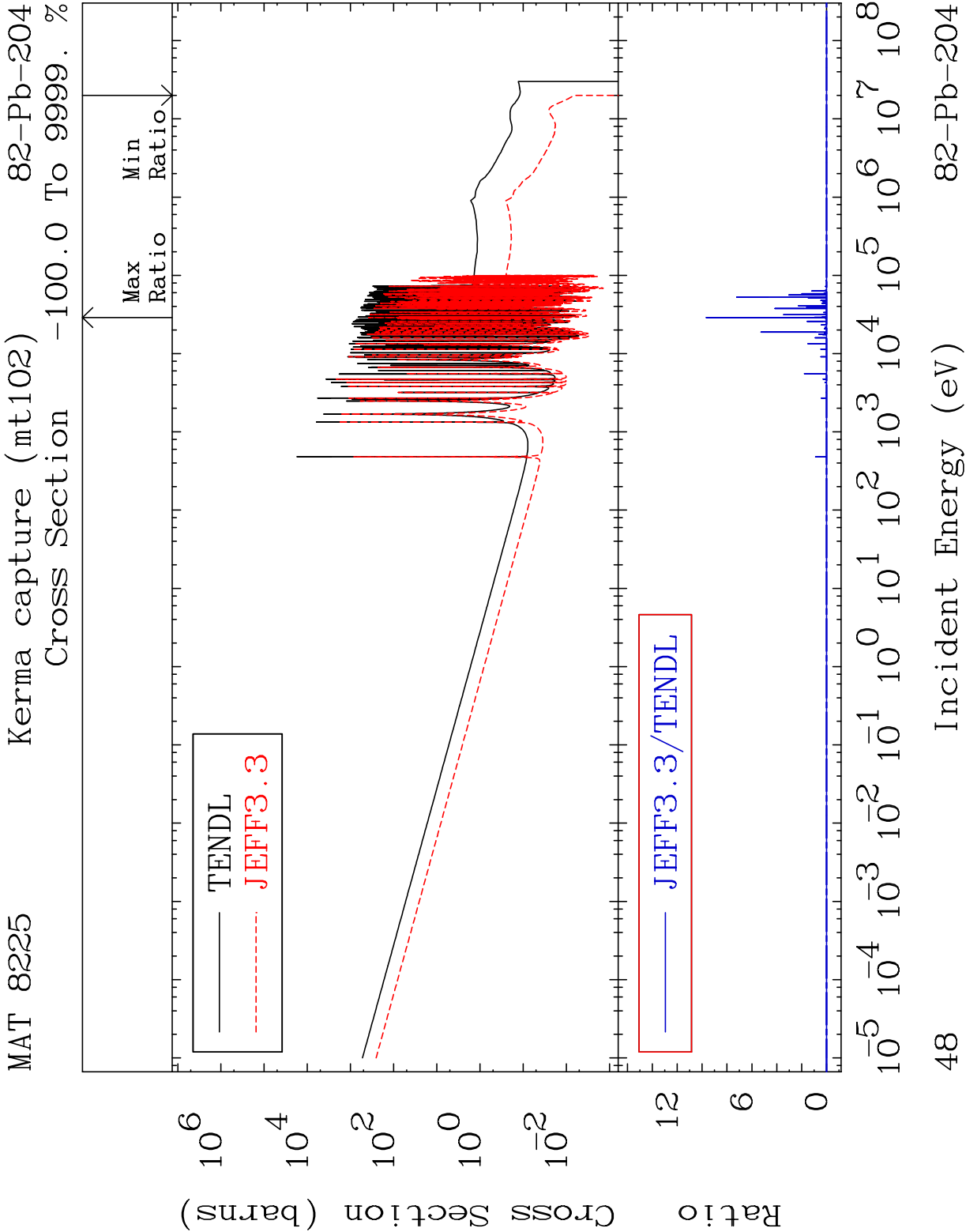
45 Incident Energy (eV) 82-Pb-204

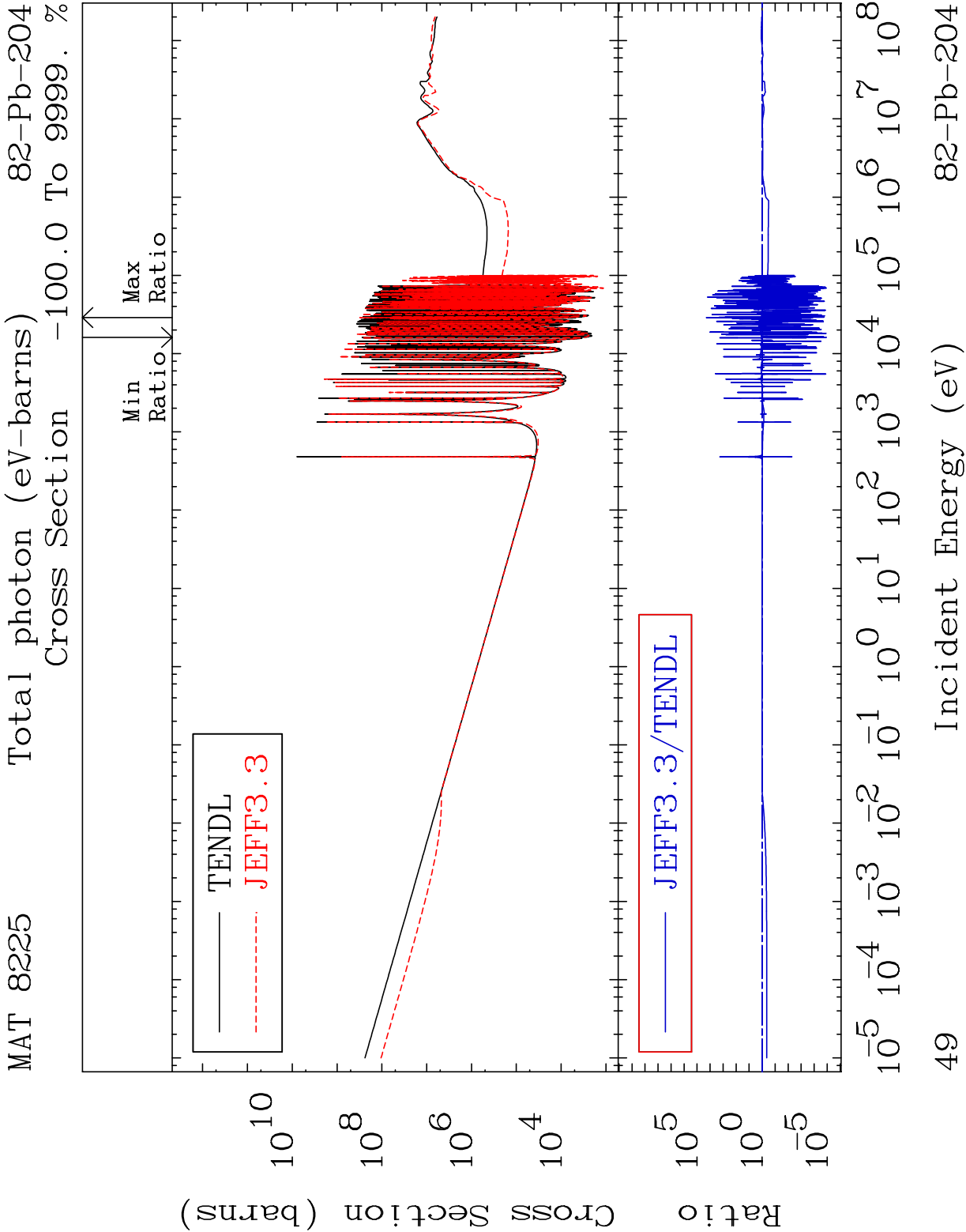


MAT 8225 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-204
Cross Section -100.0 To 5913. %



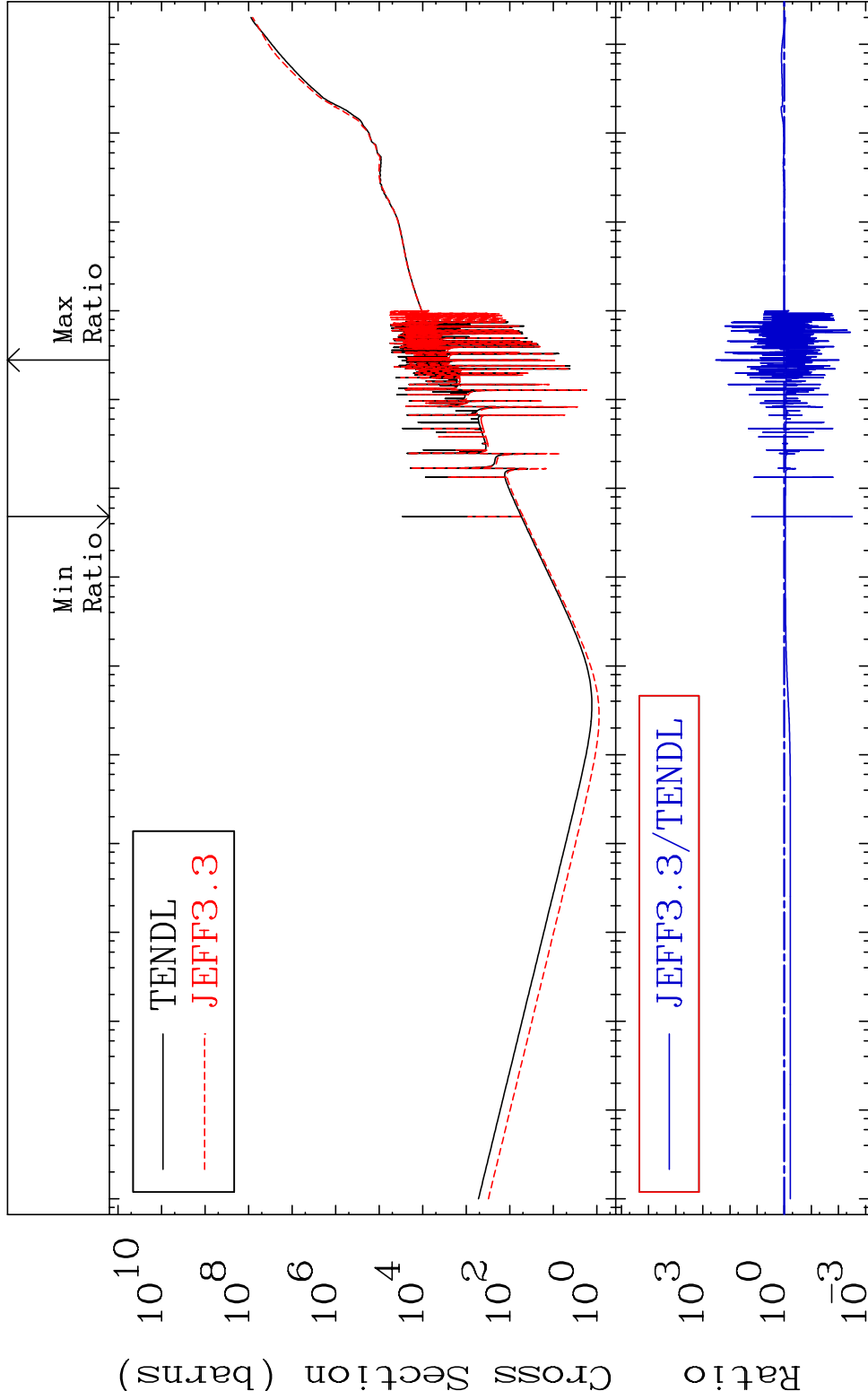
47 Incident Energy (eV) 82-Pb-204



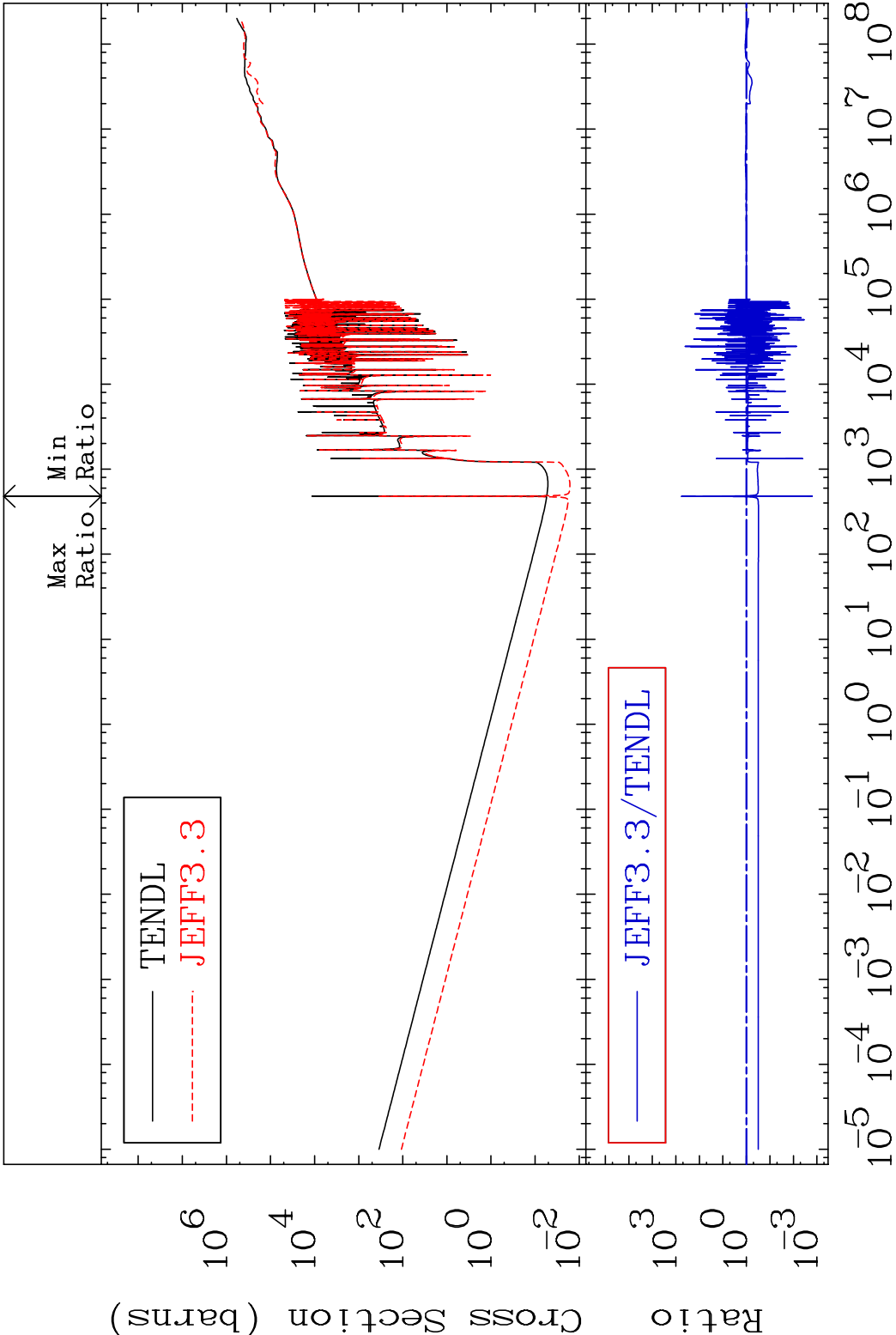


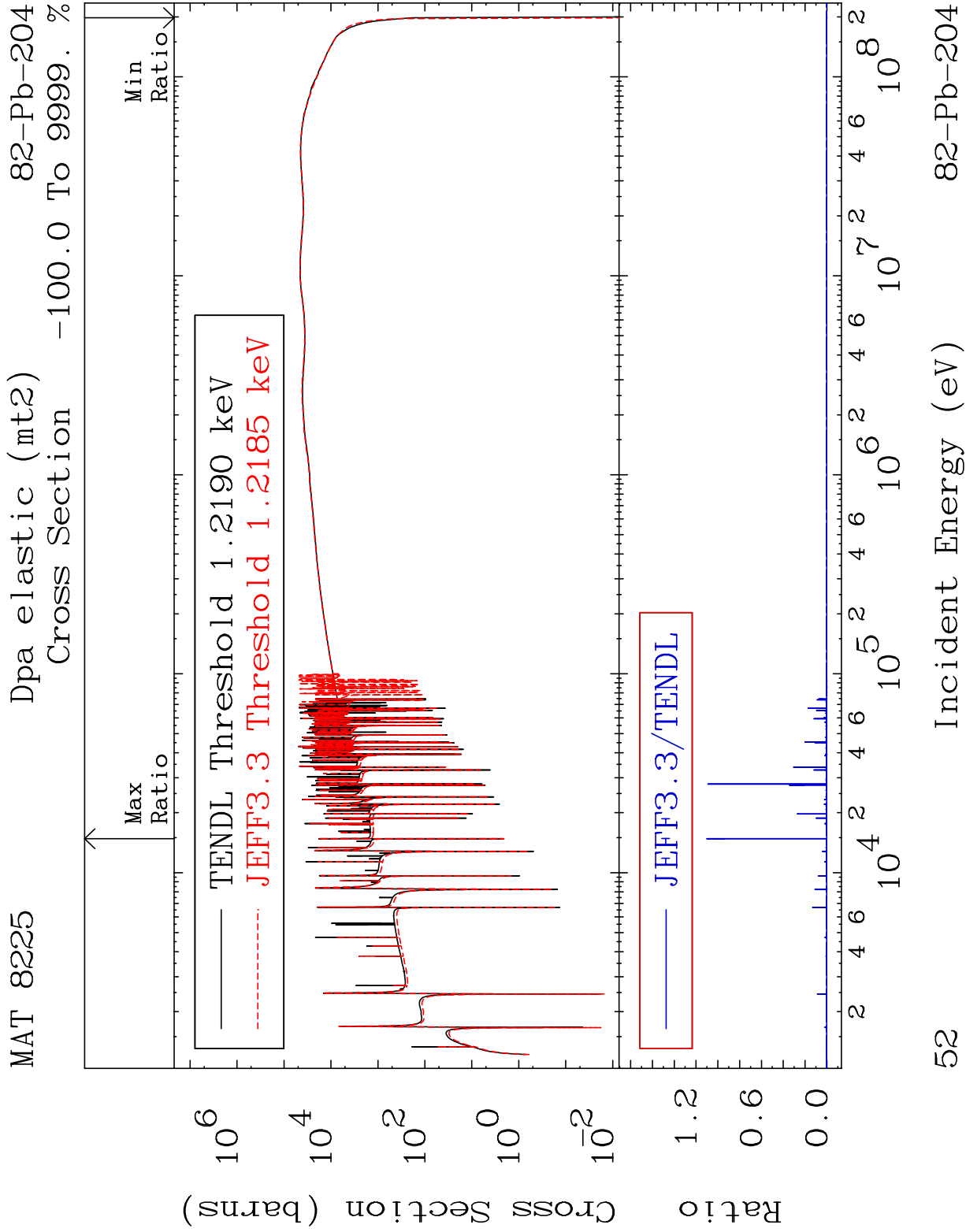
MAT 8225 Total kinematic kerma (high limit) 82-Pb-204

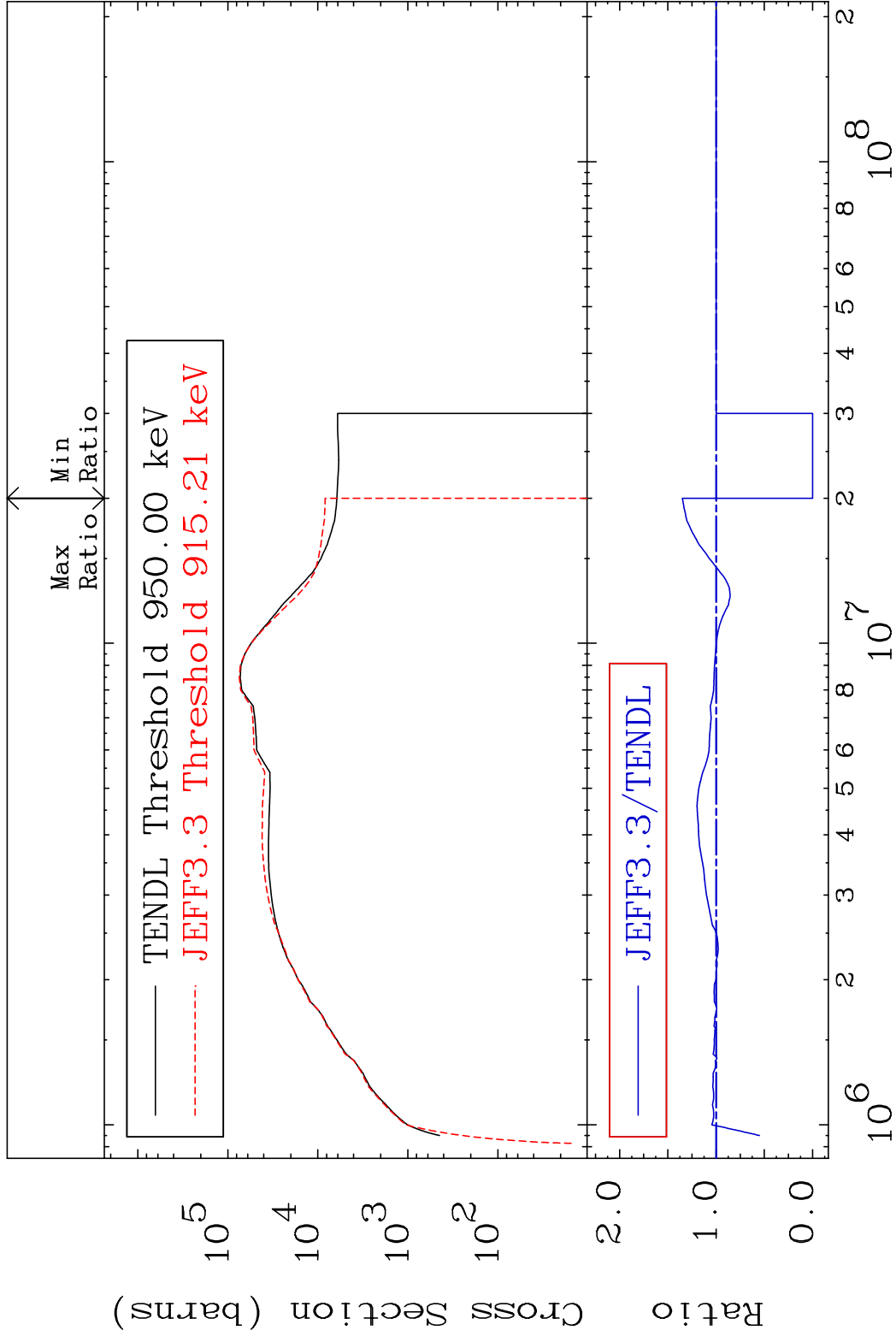
Cross Section -99.69 To 9999. %



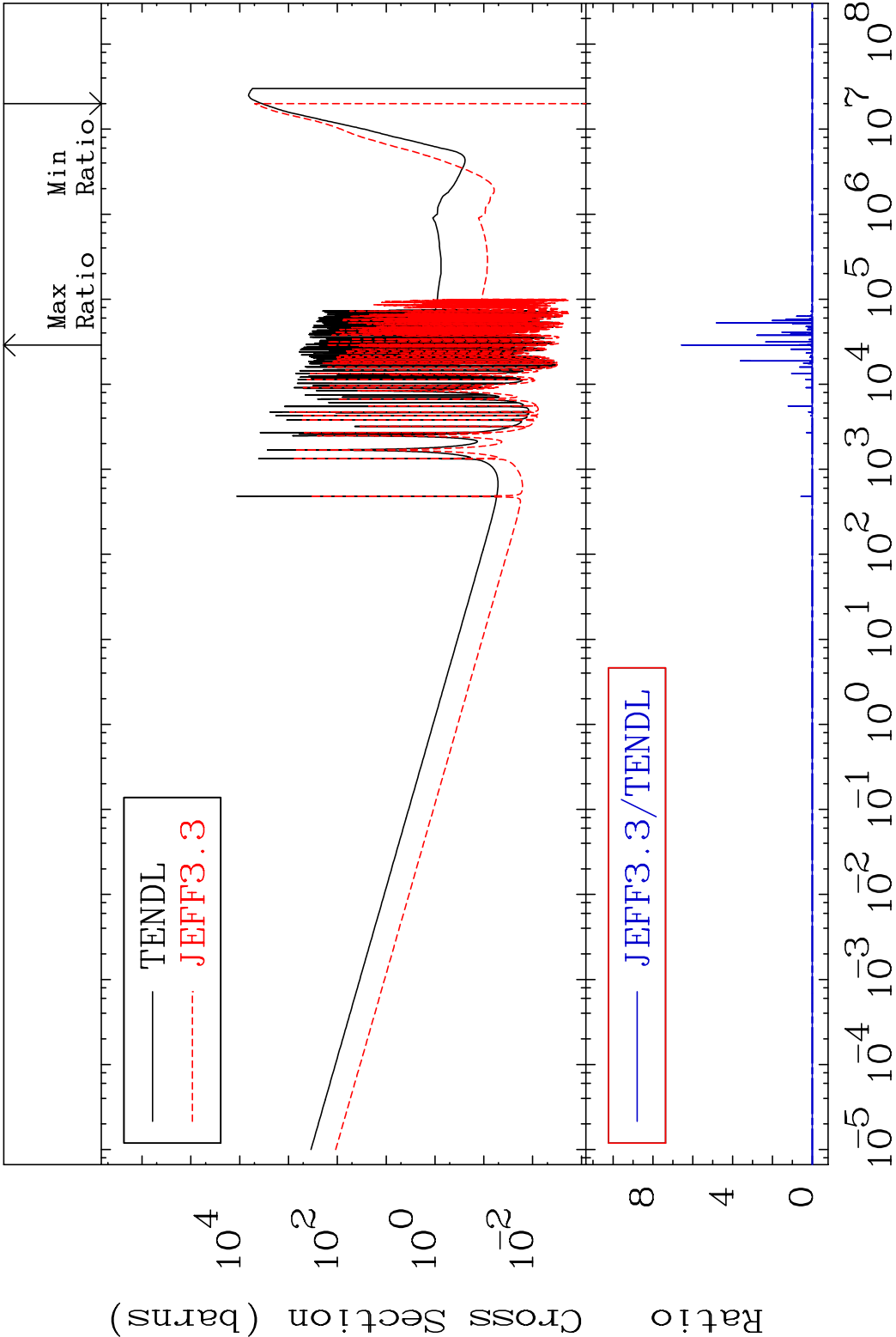
MAT 8225	Dpa total (eV-barns)	82-Pb-204
	Cross Section	-99.84 To 9999. %



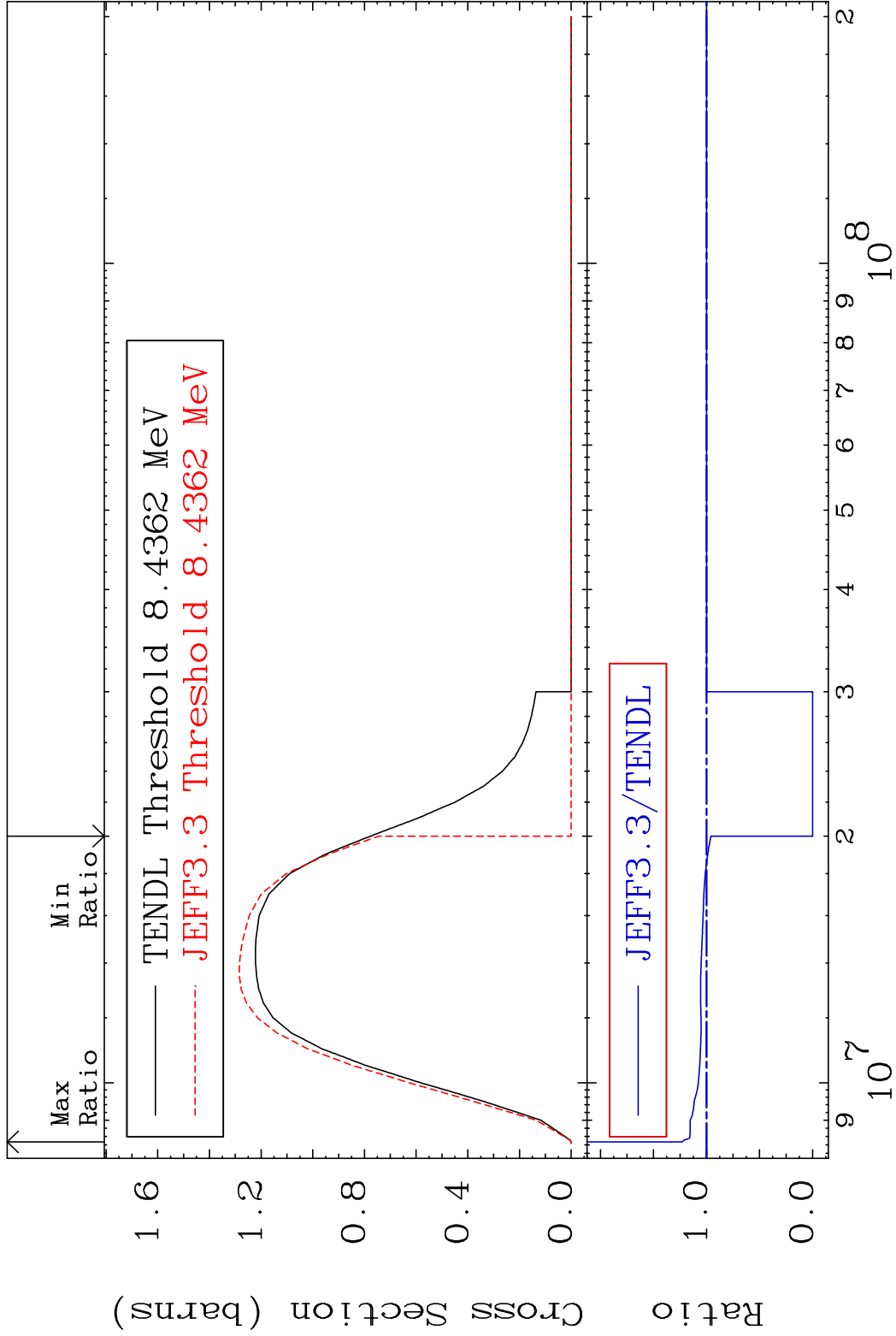


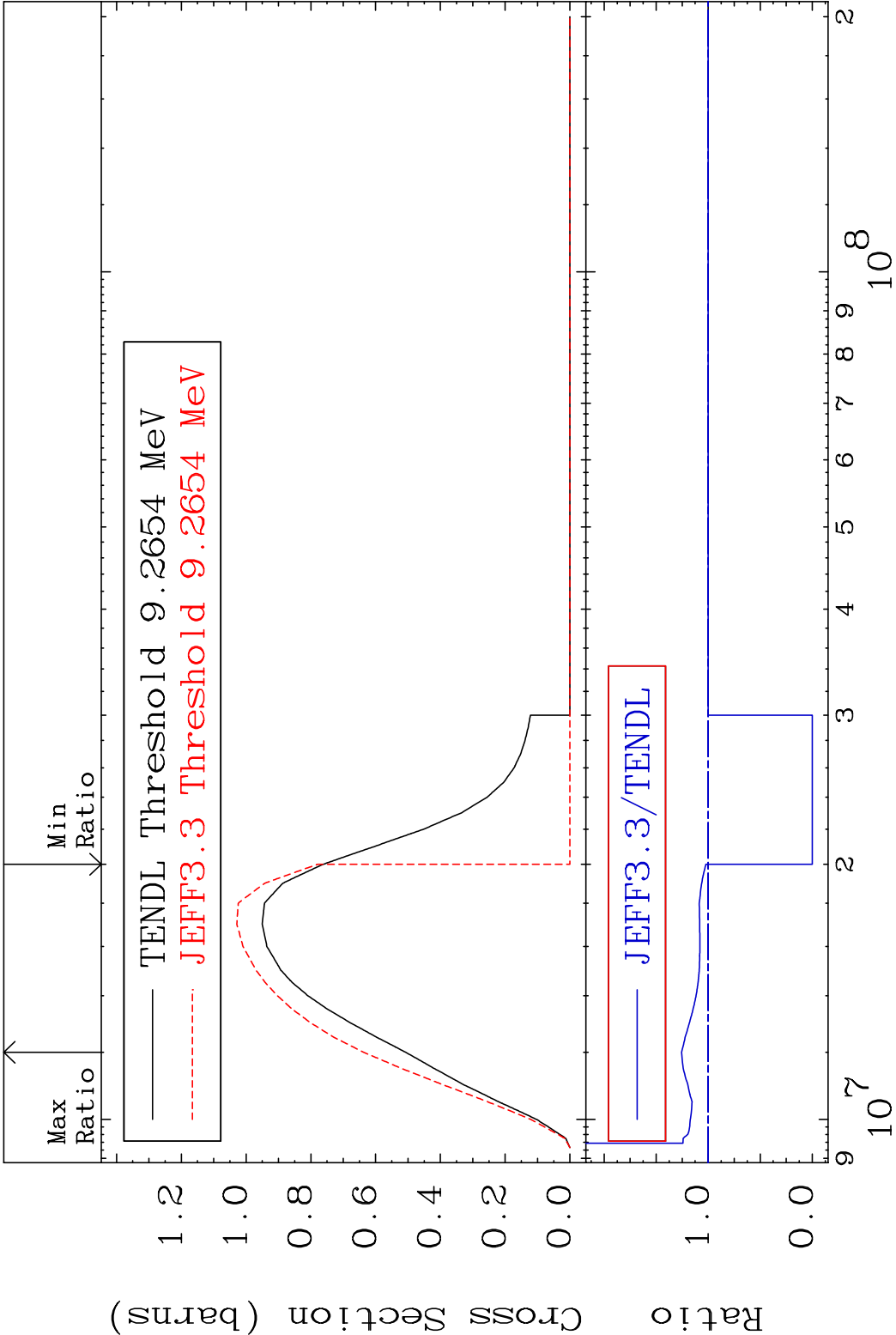


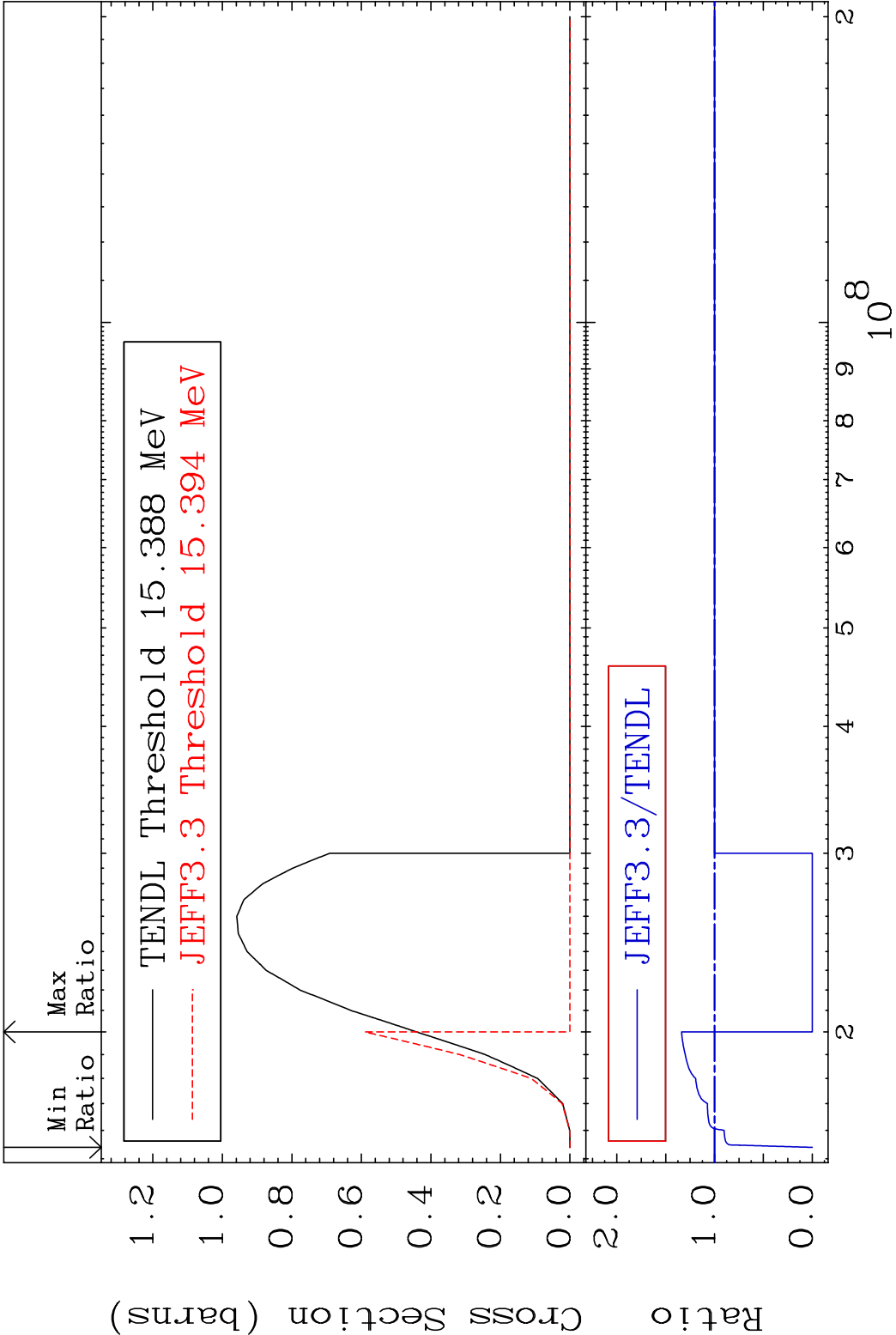
MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
Cross Section -100.0 To 9999. %

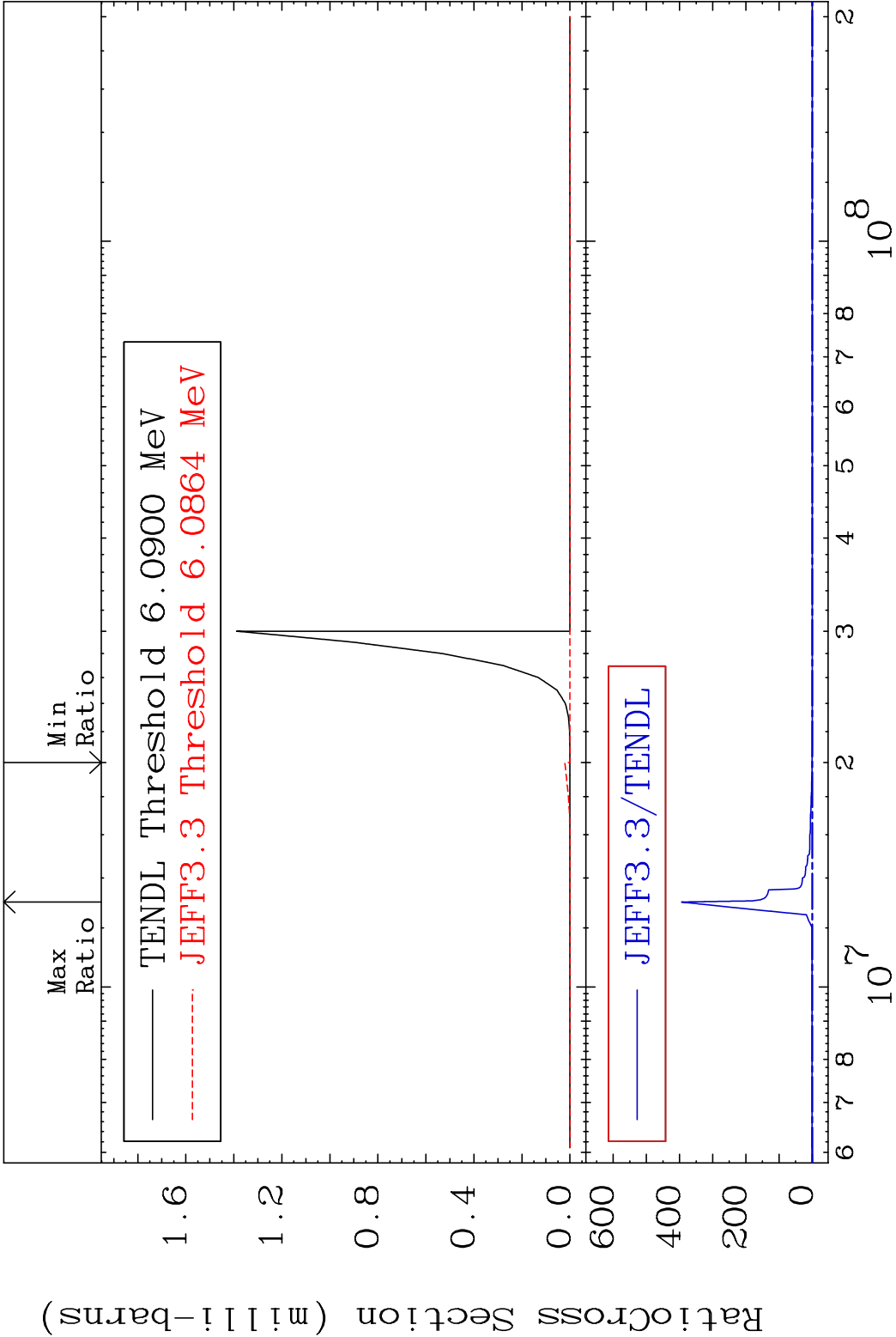


54 Incident Energy (eV) 82-Pb-204









Radionuclide Production Cross Section (mb) 9999. %

