

Program Complot
(Version 2021-1)

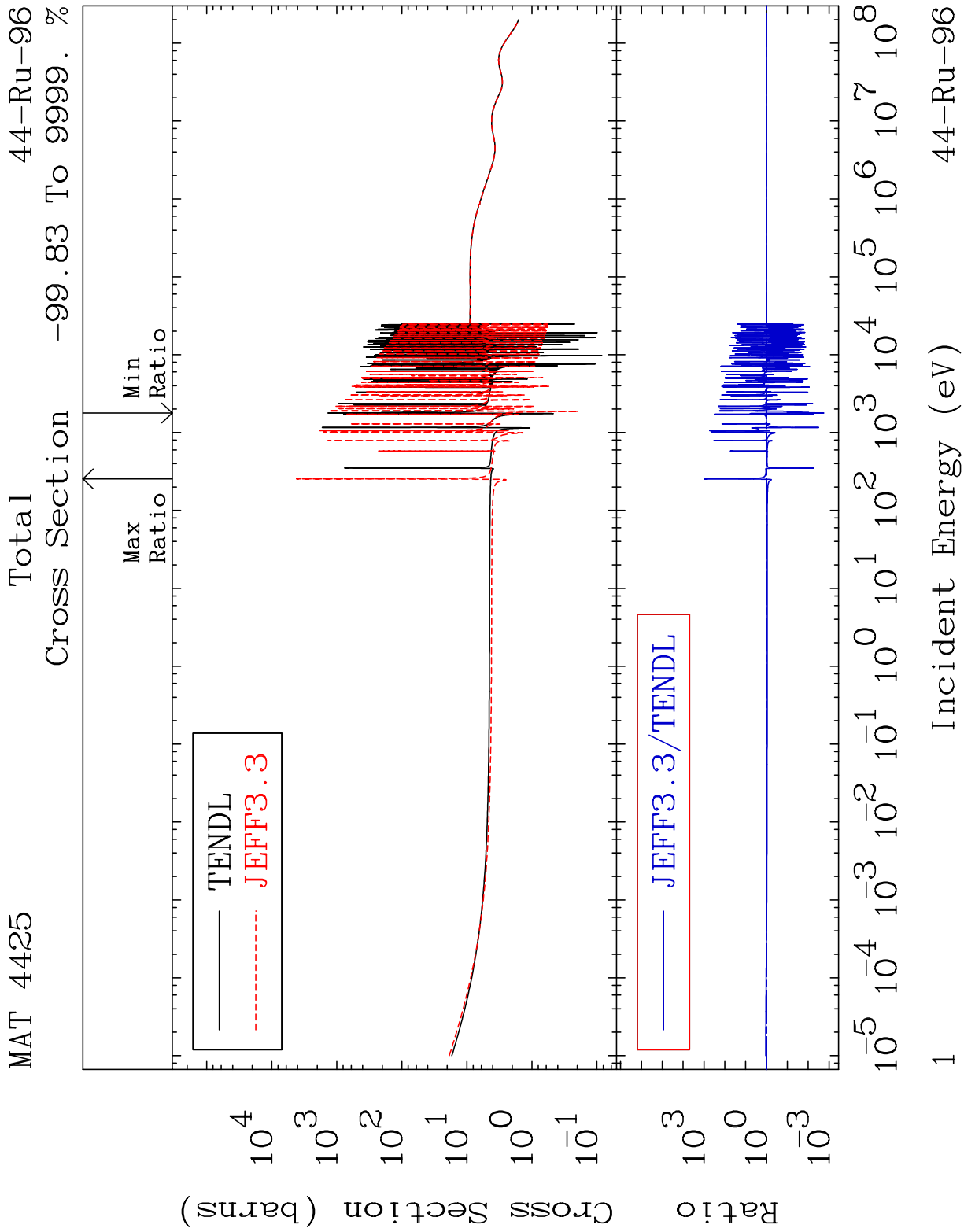
by

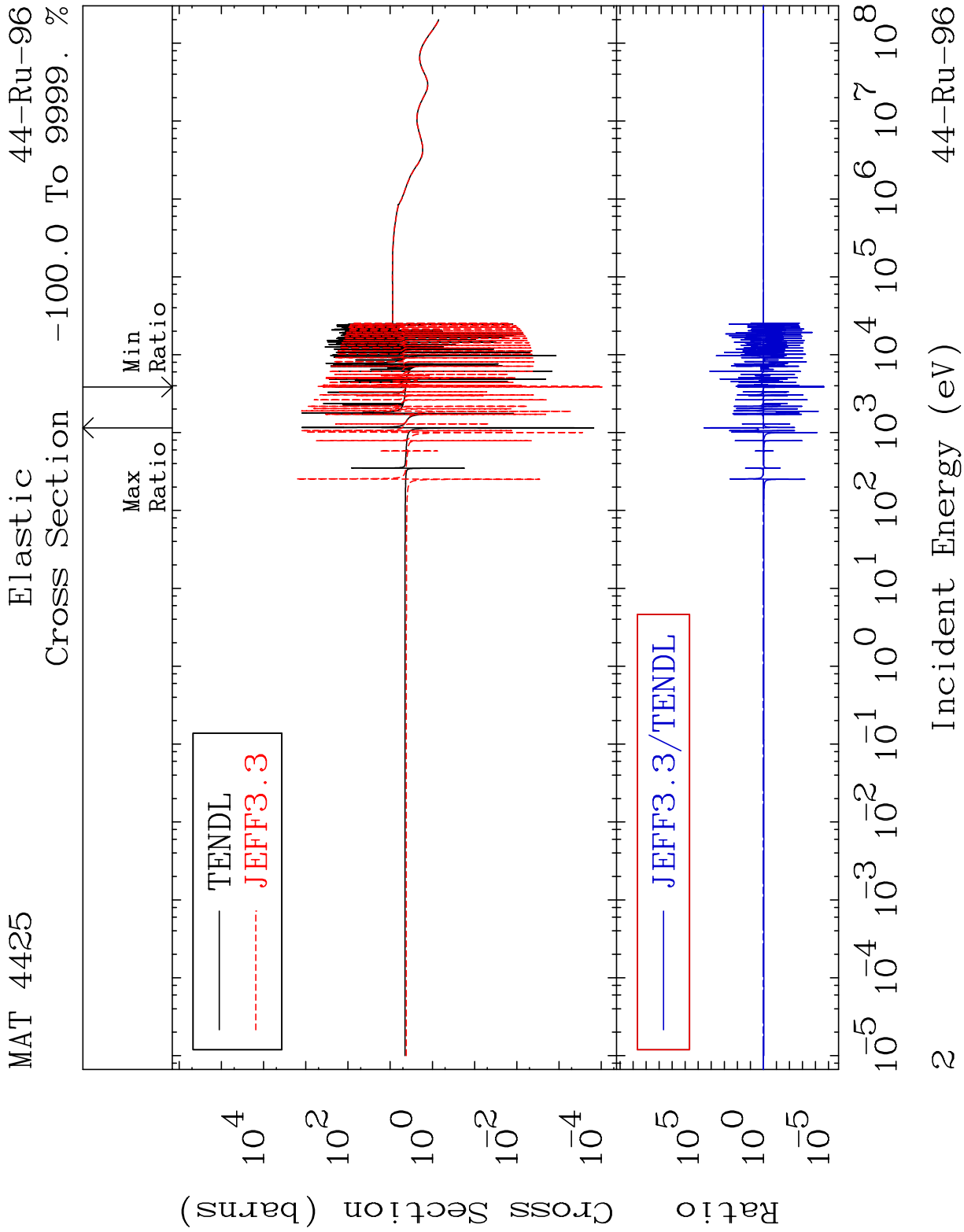
Dermott E. Cullen
(Present Contact Information)

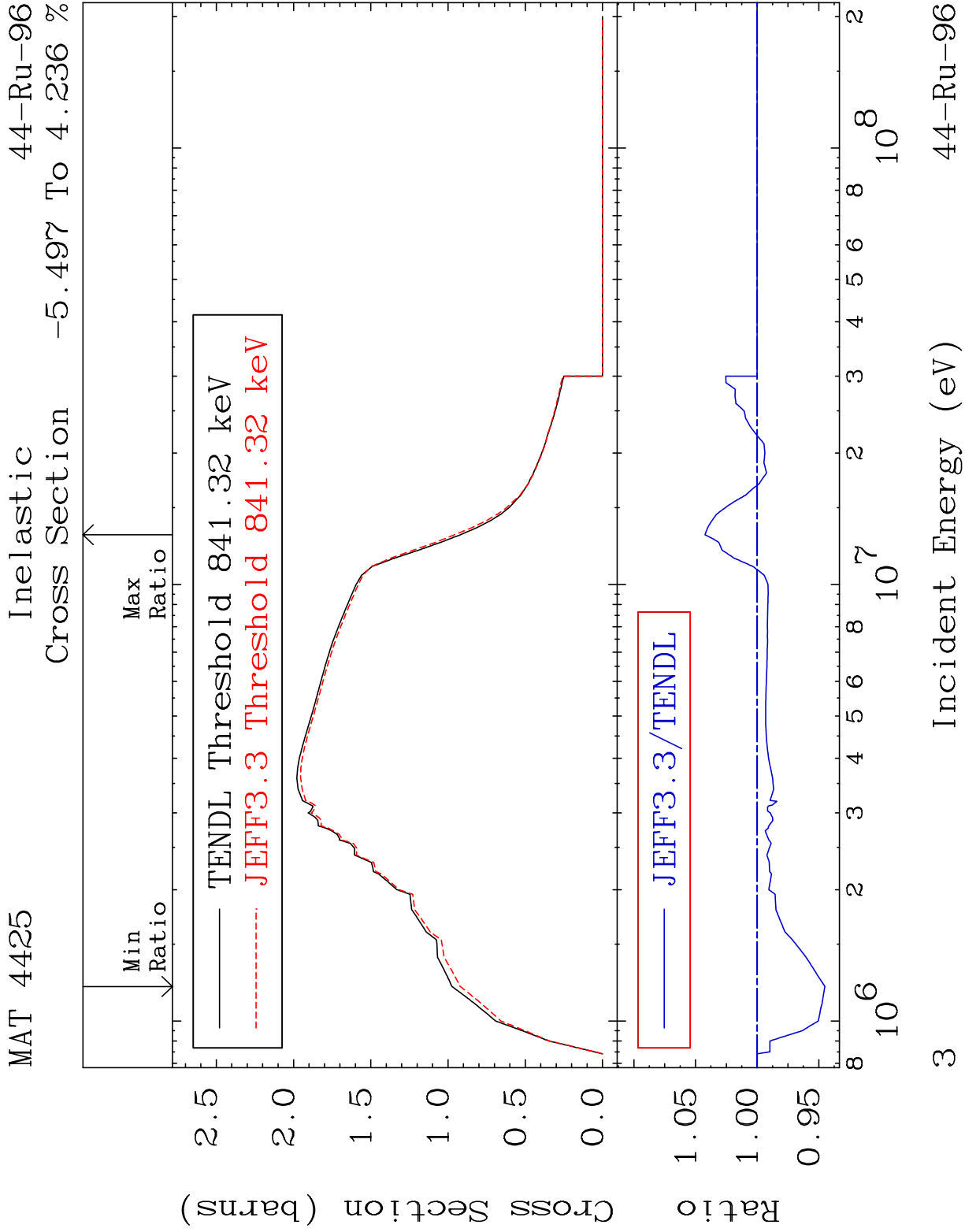
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

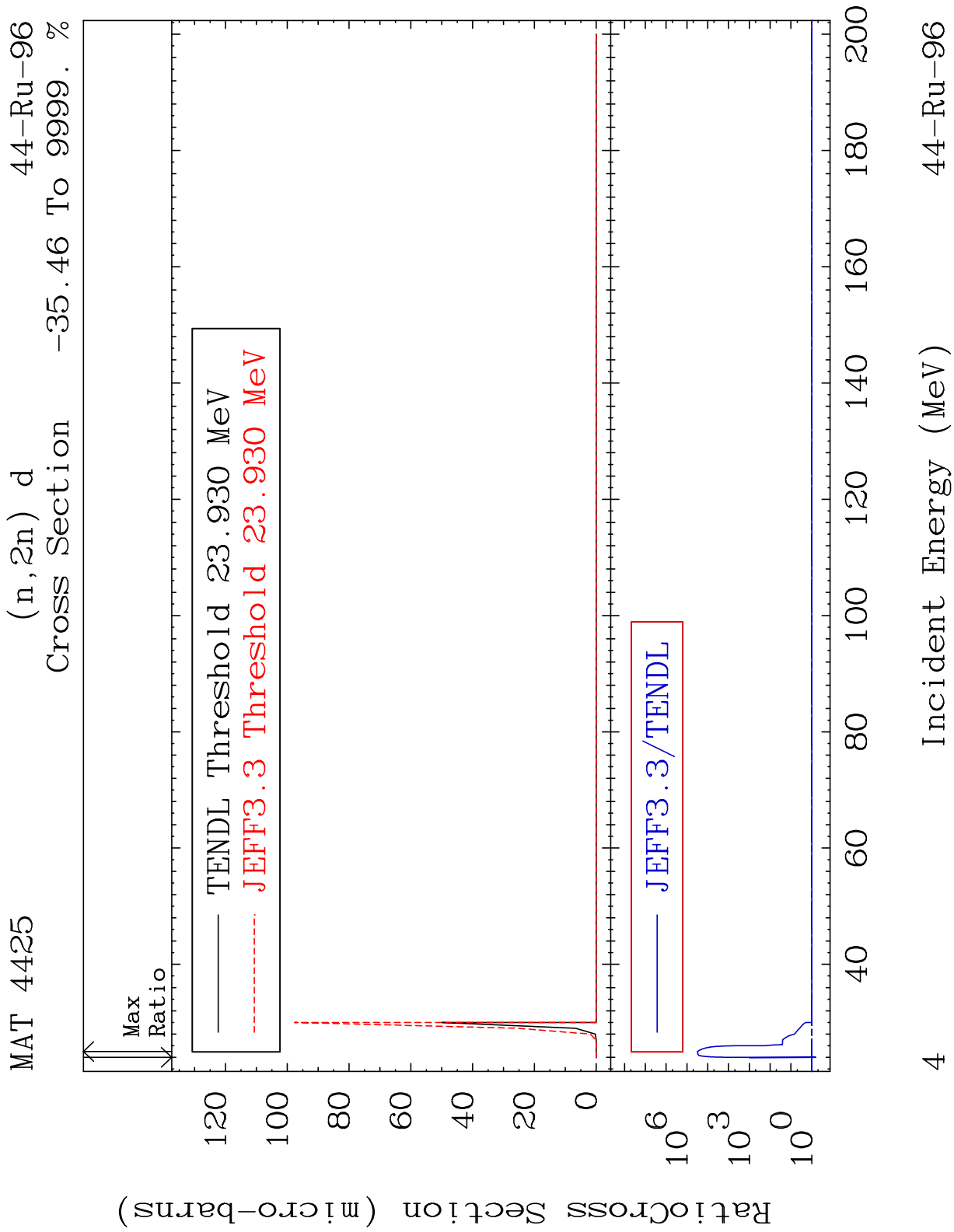
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

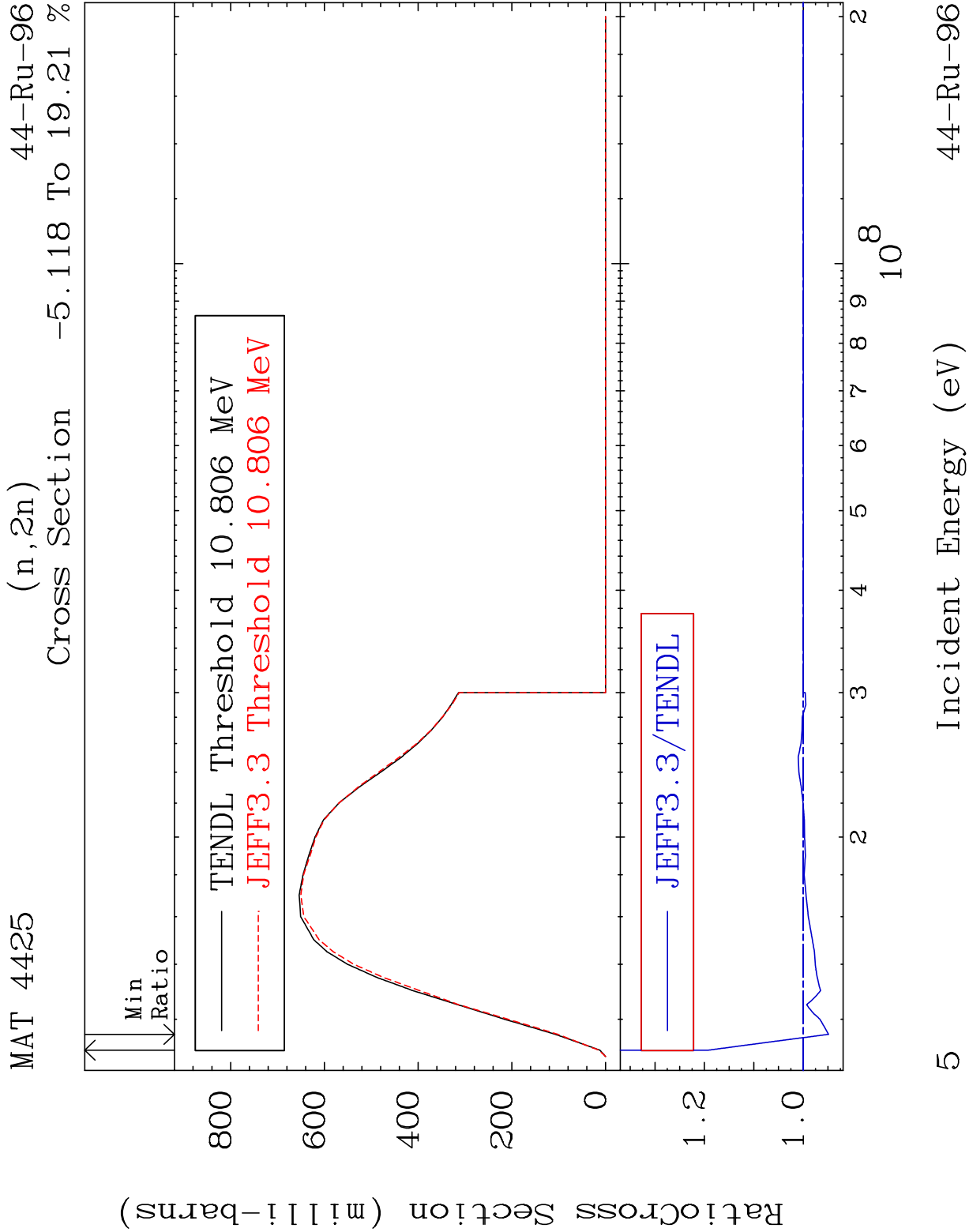
Press Mouse Button to Start

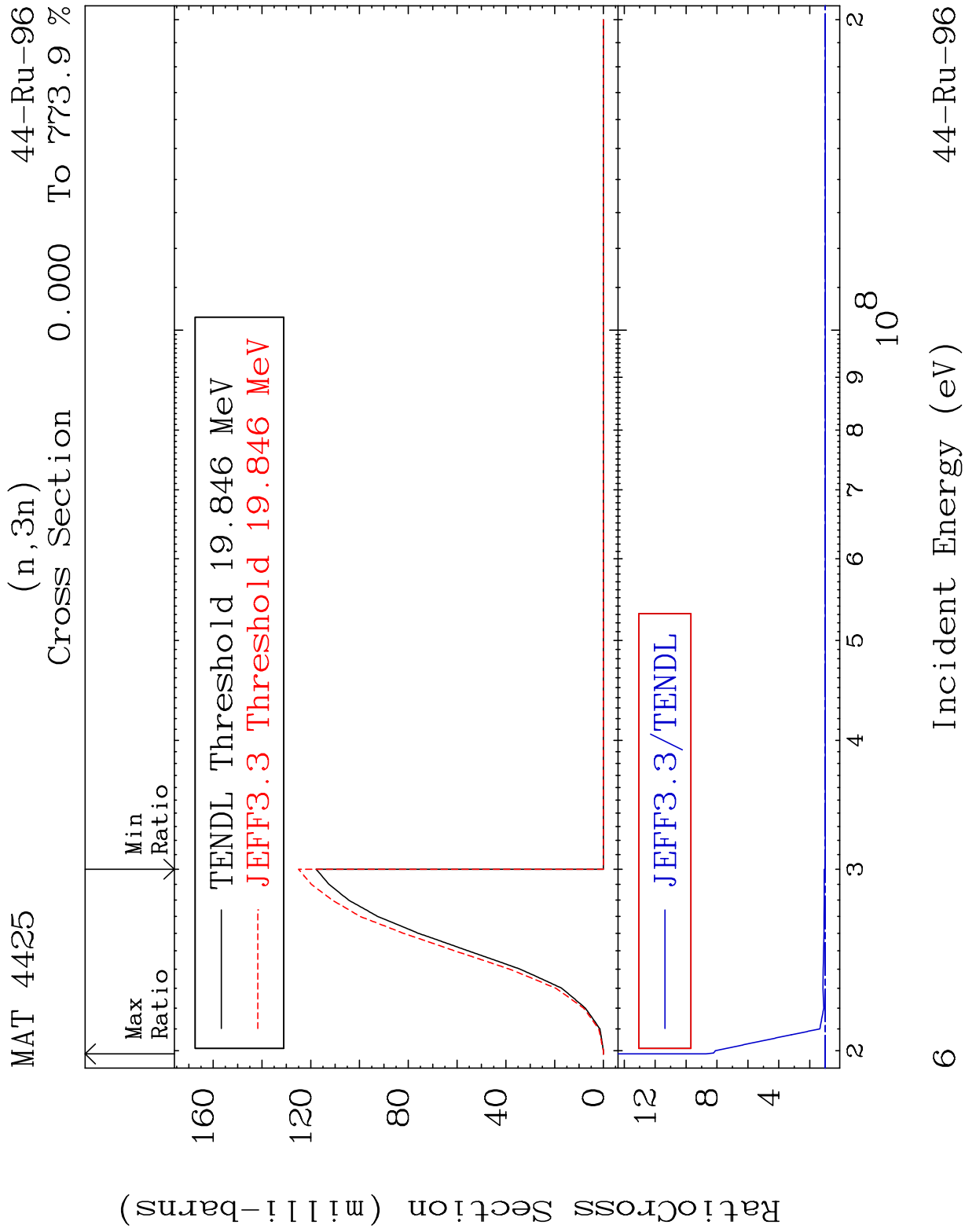










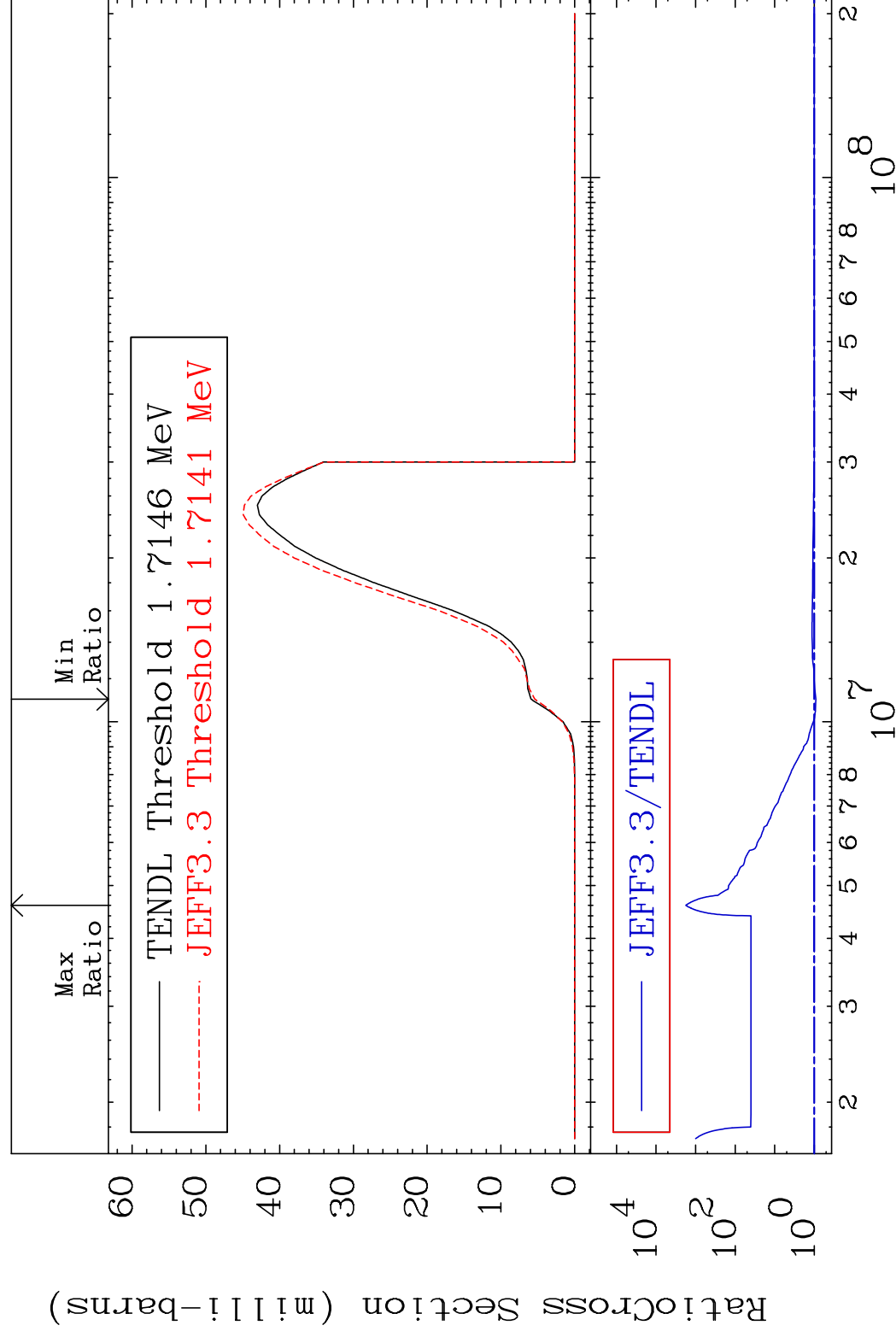


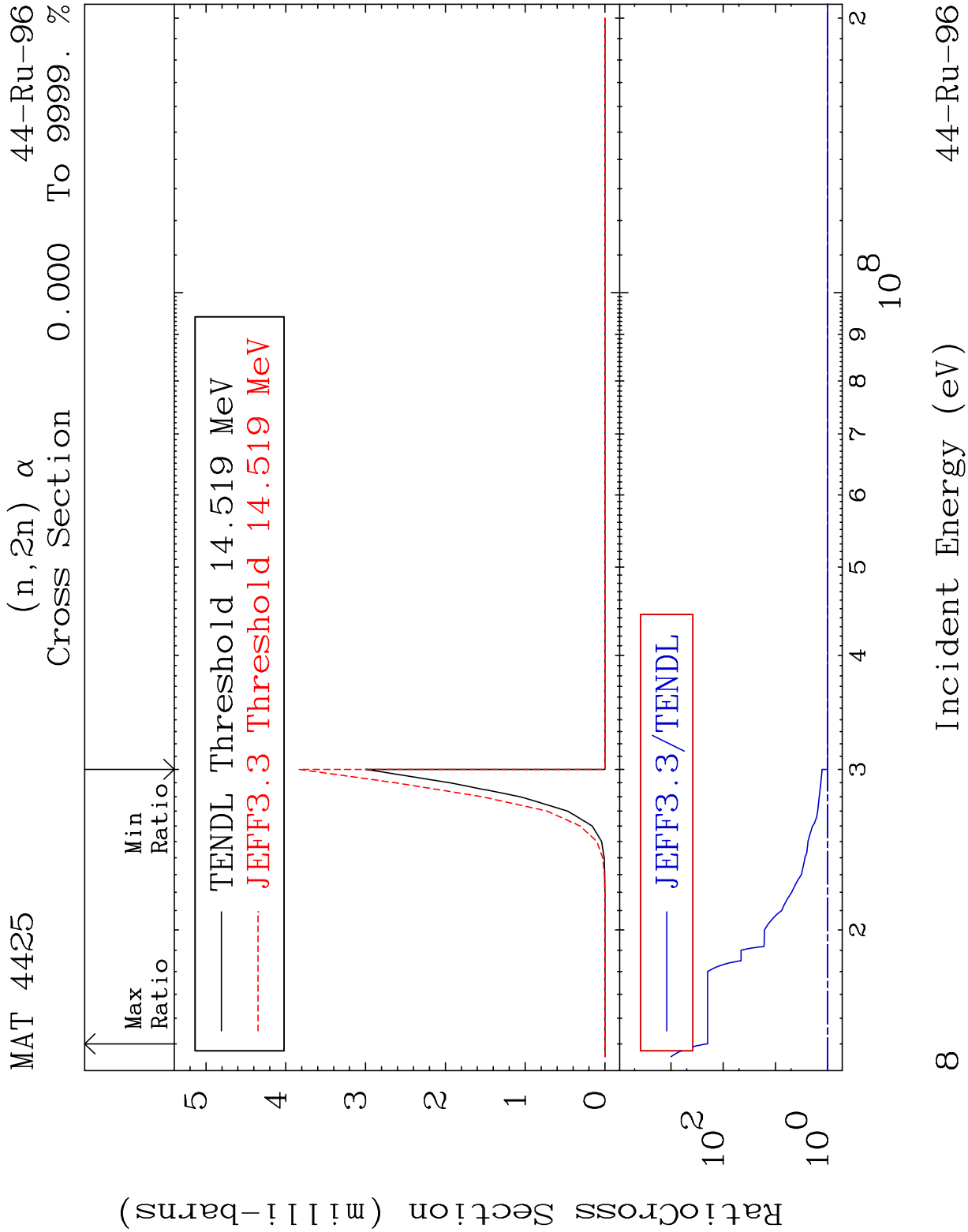
MAT 4425

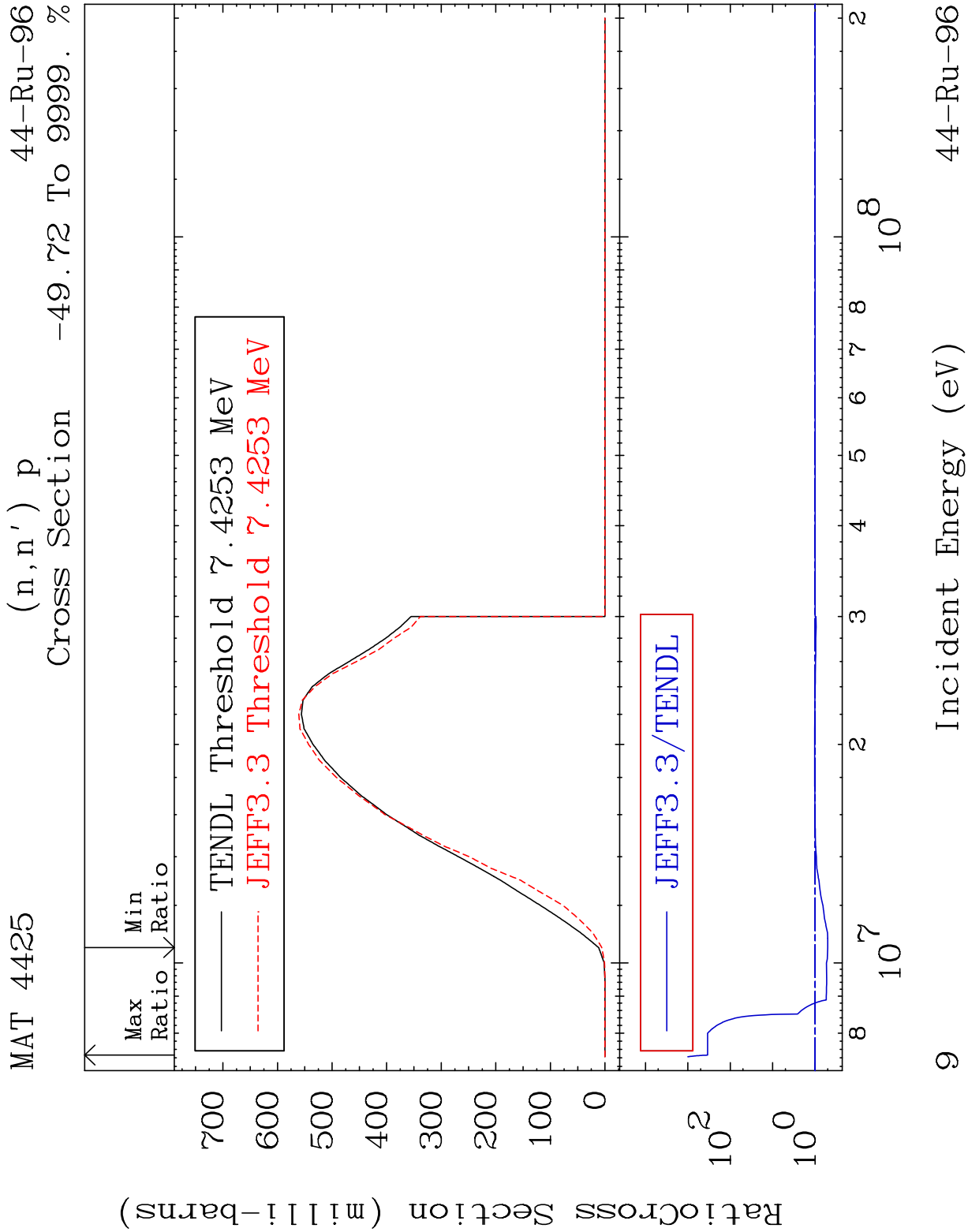
$$(n, n') \propto$$

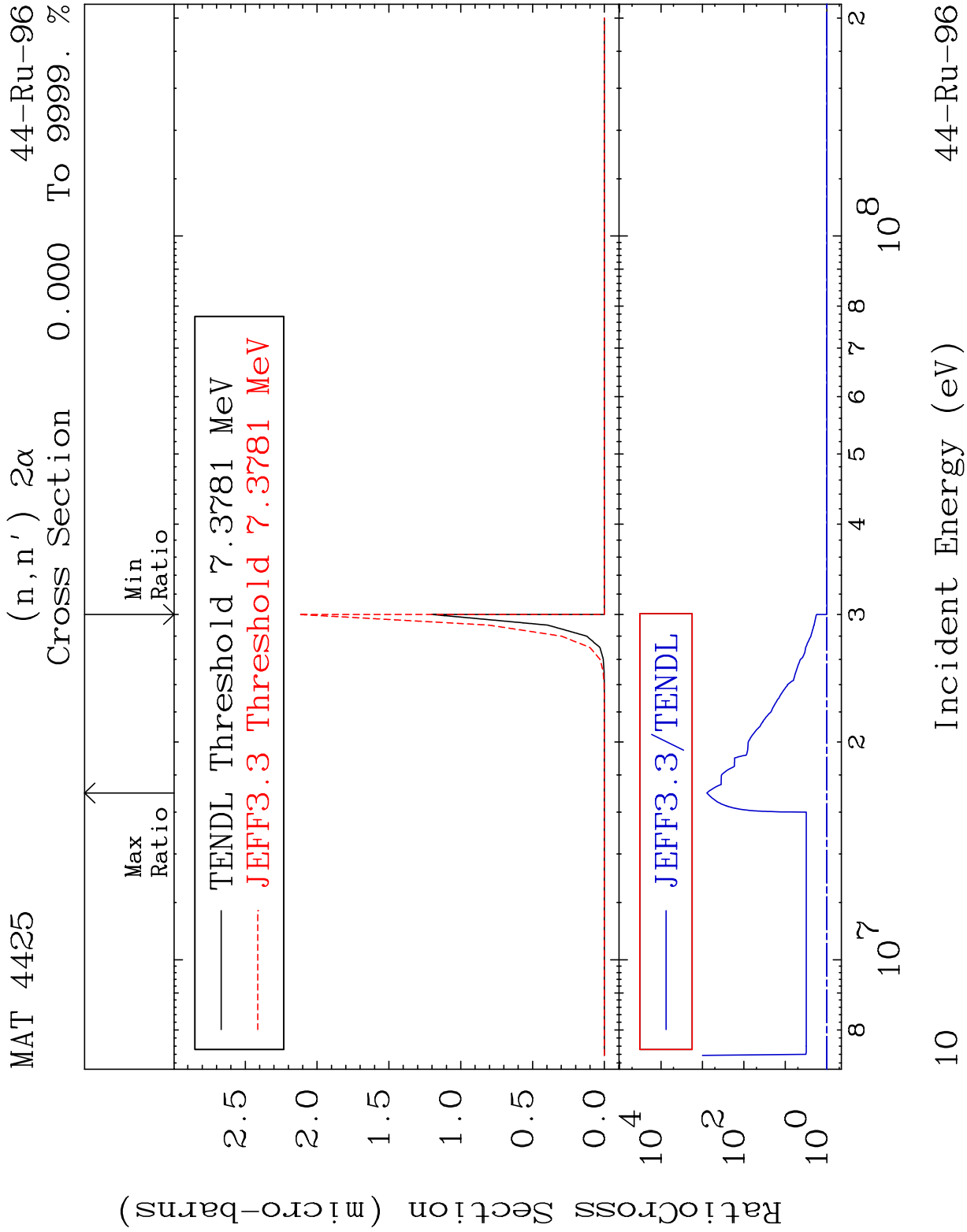
44-Ru-96

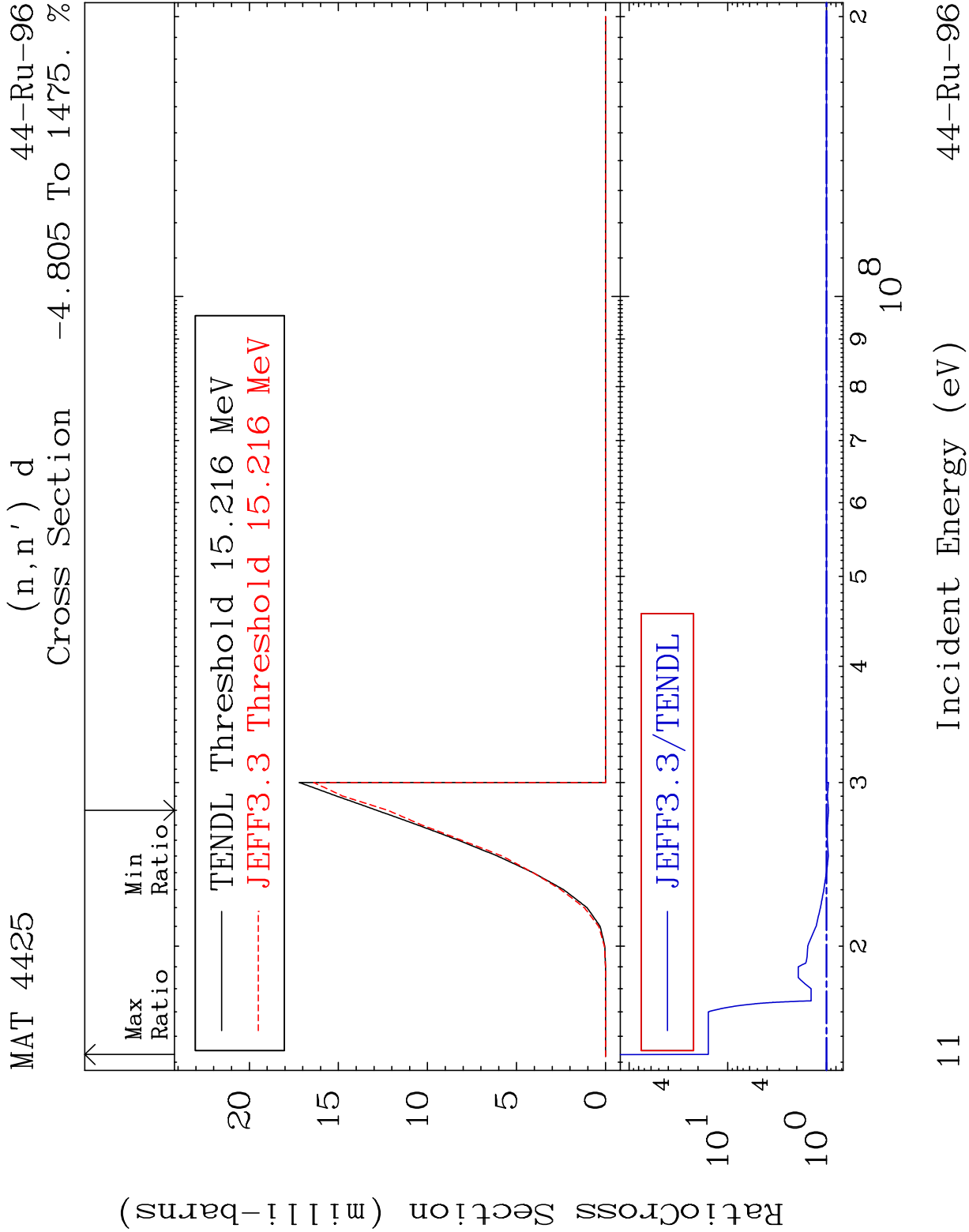
Cross Section -8.709 To 9999. %

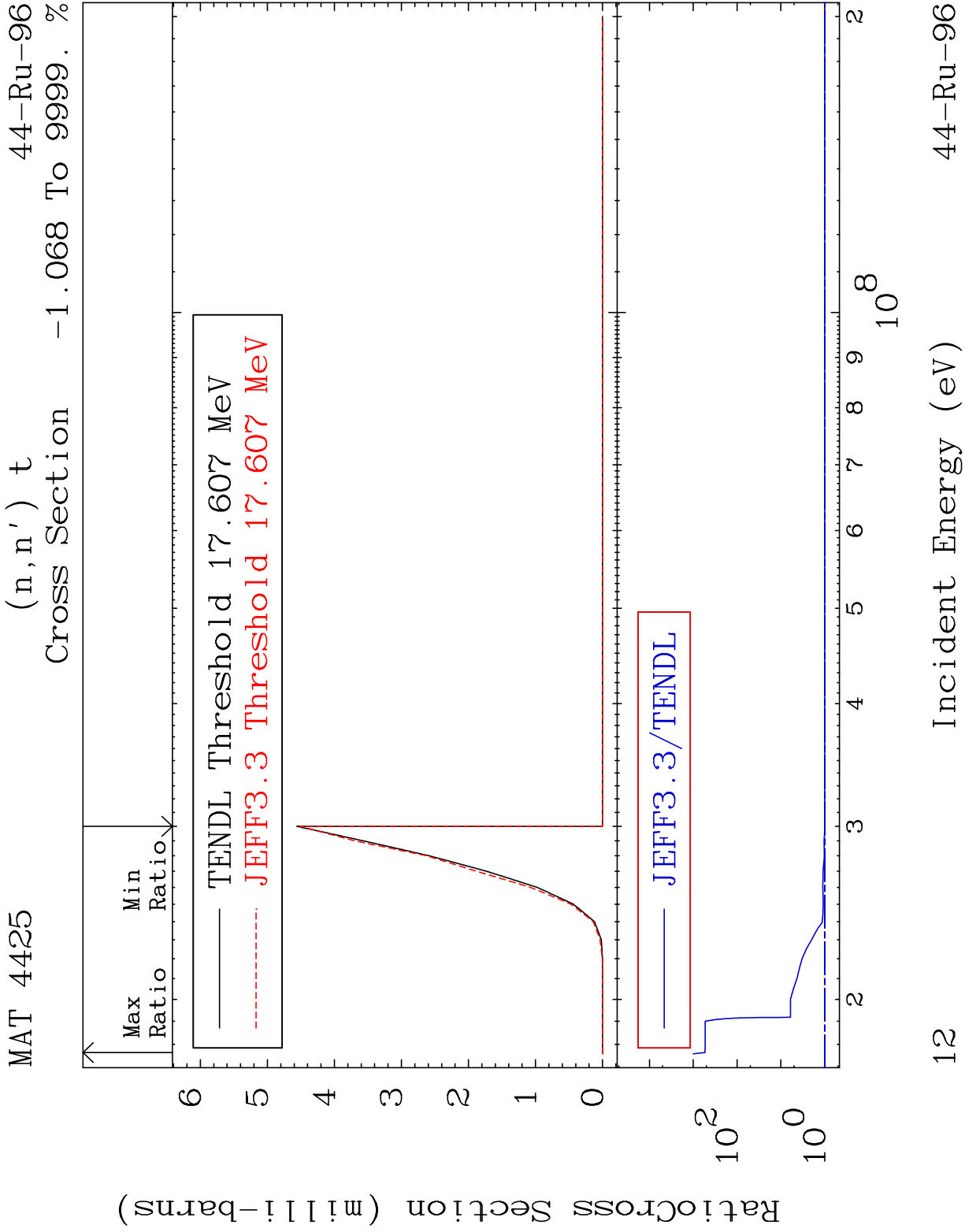


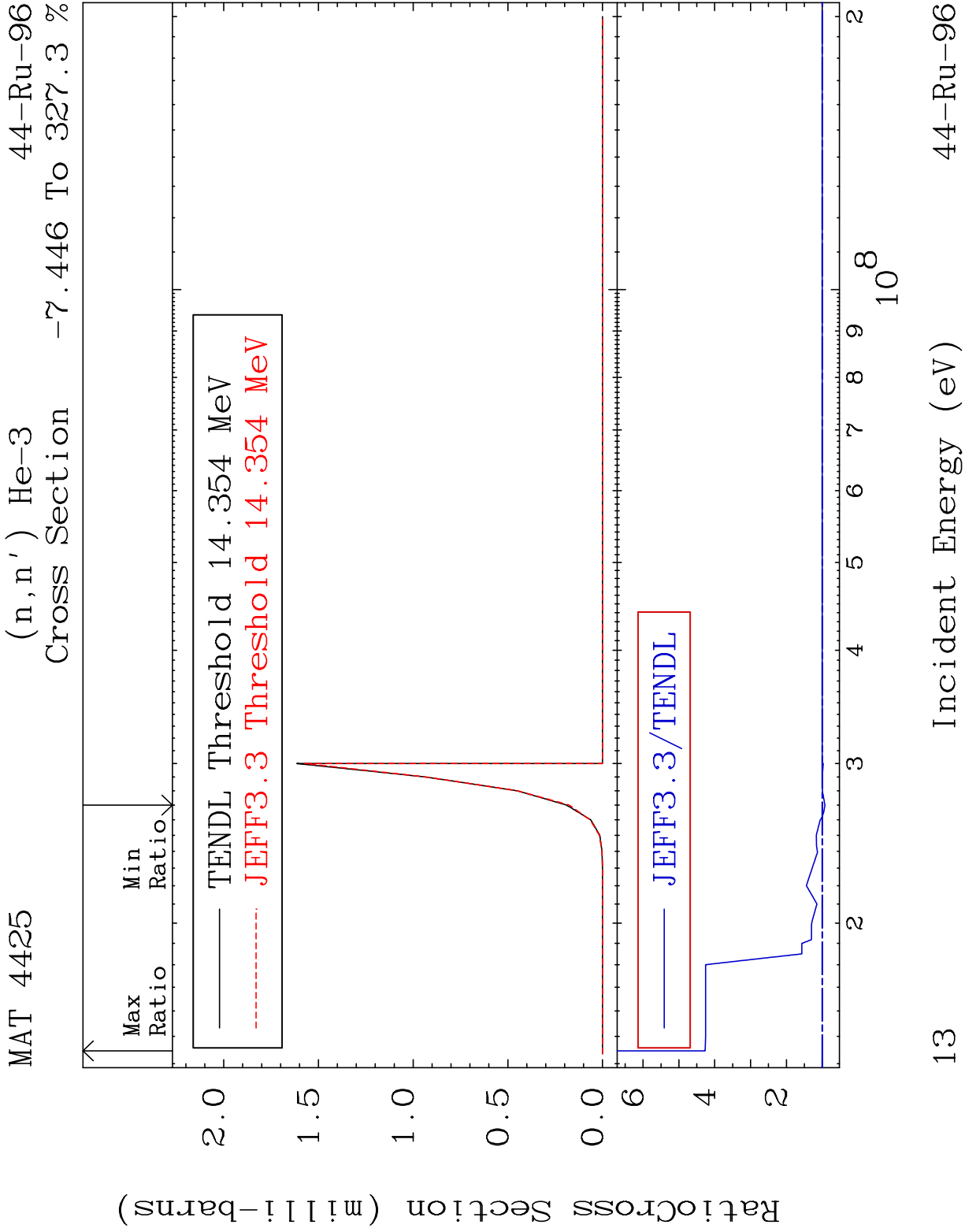


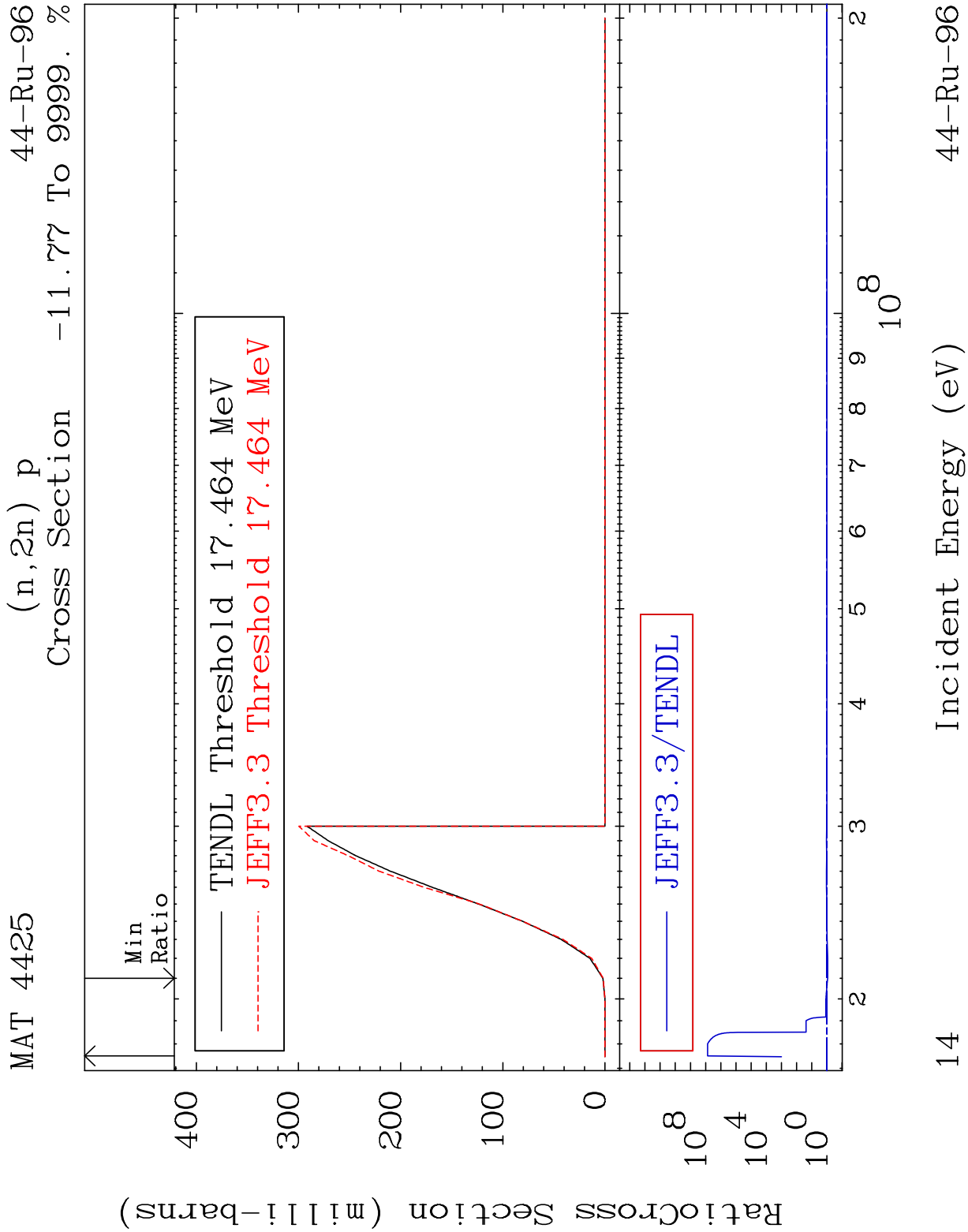


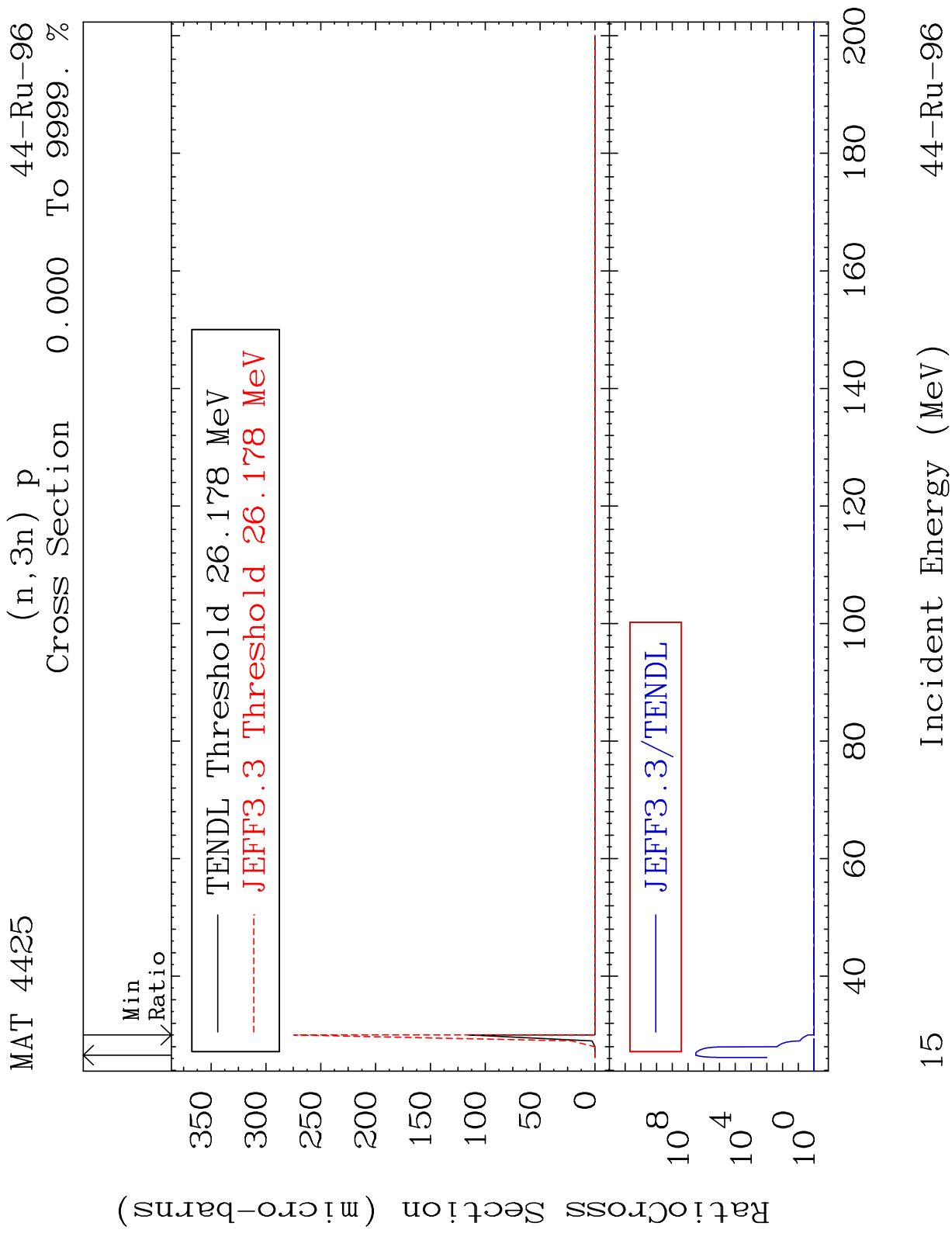


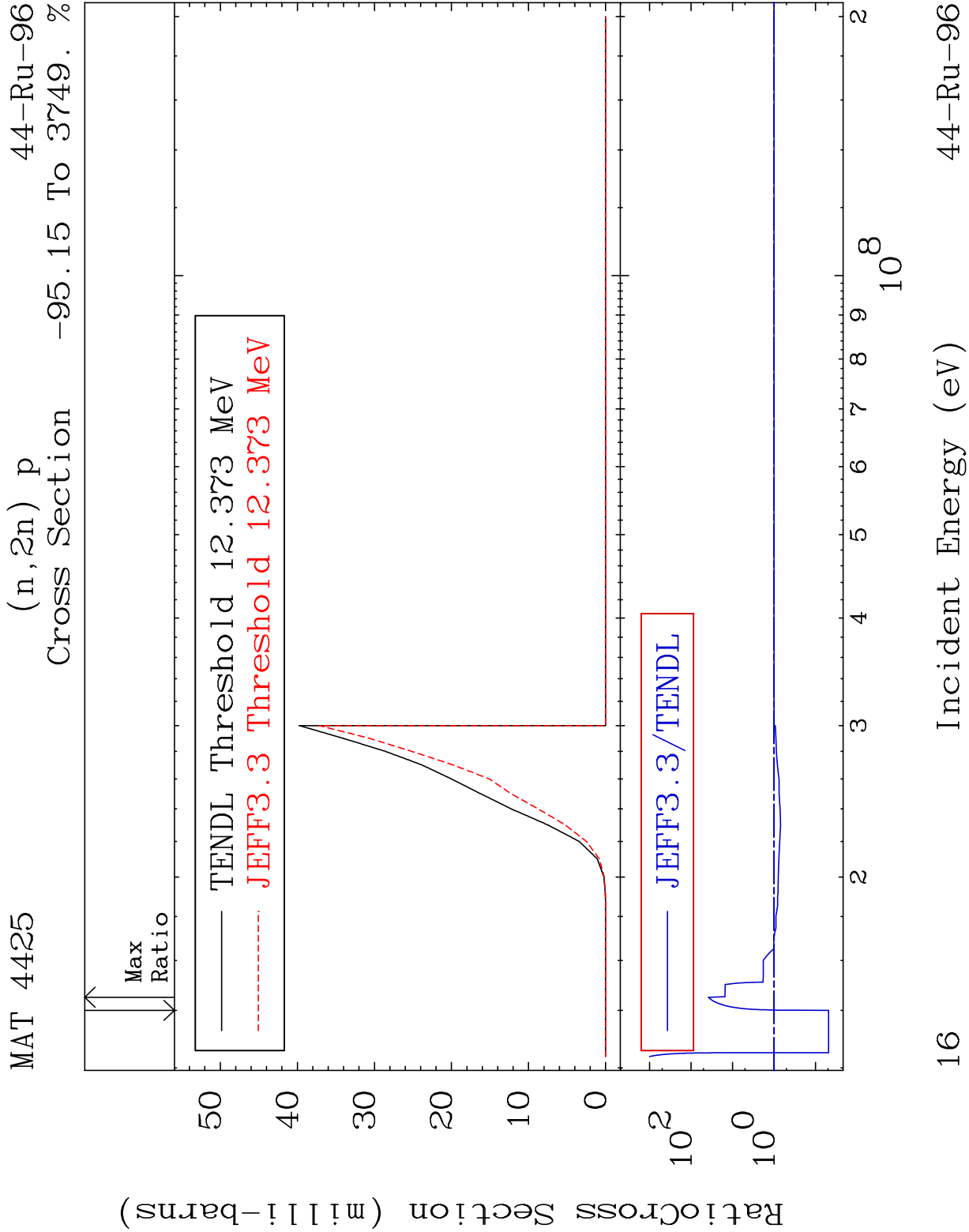


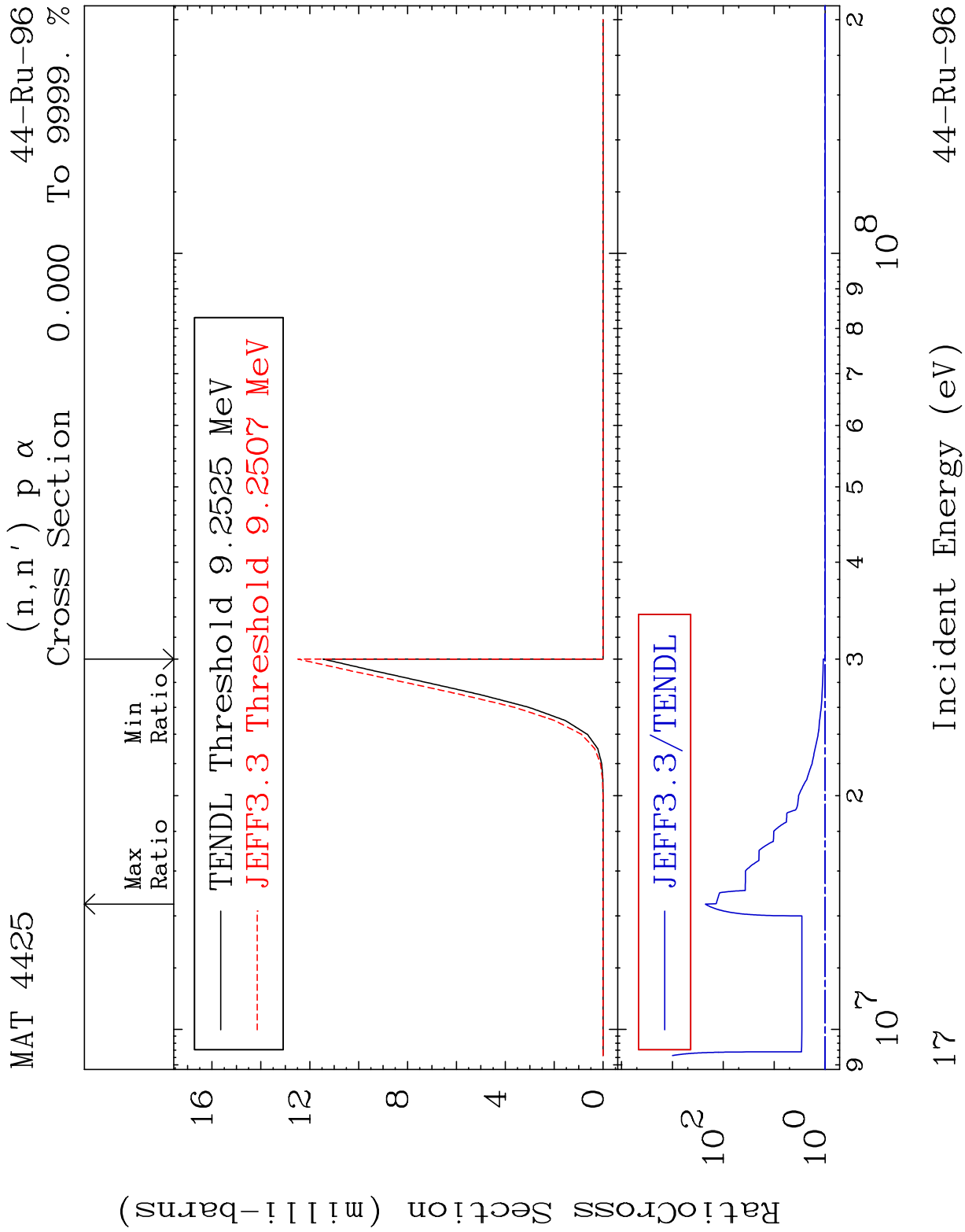


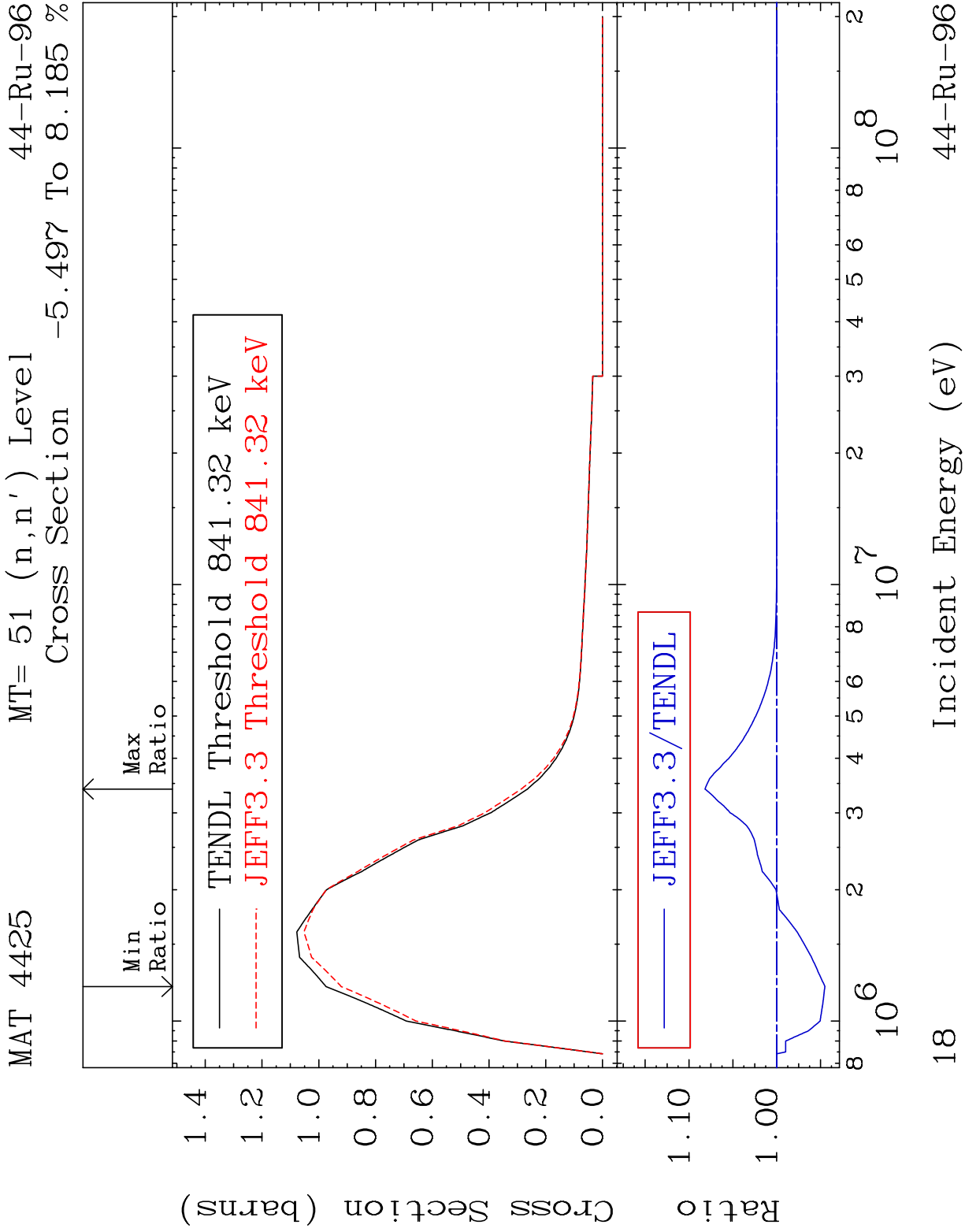




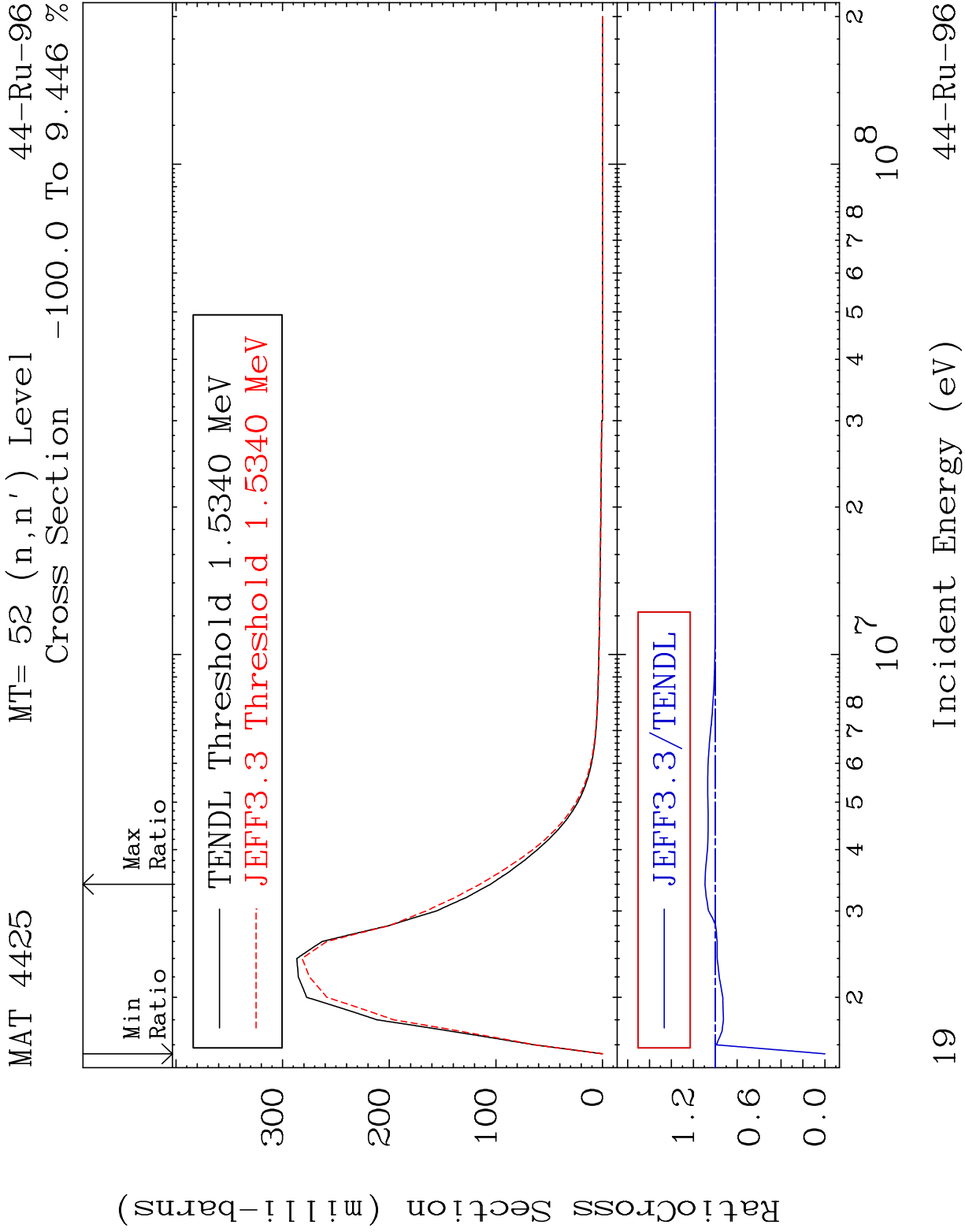


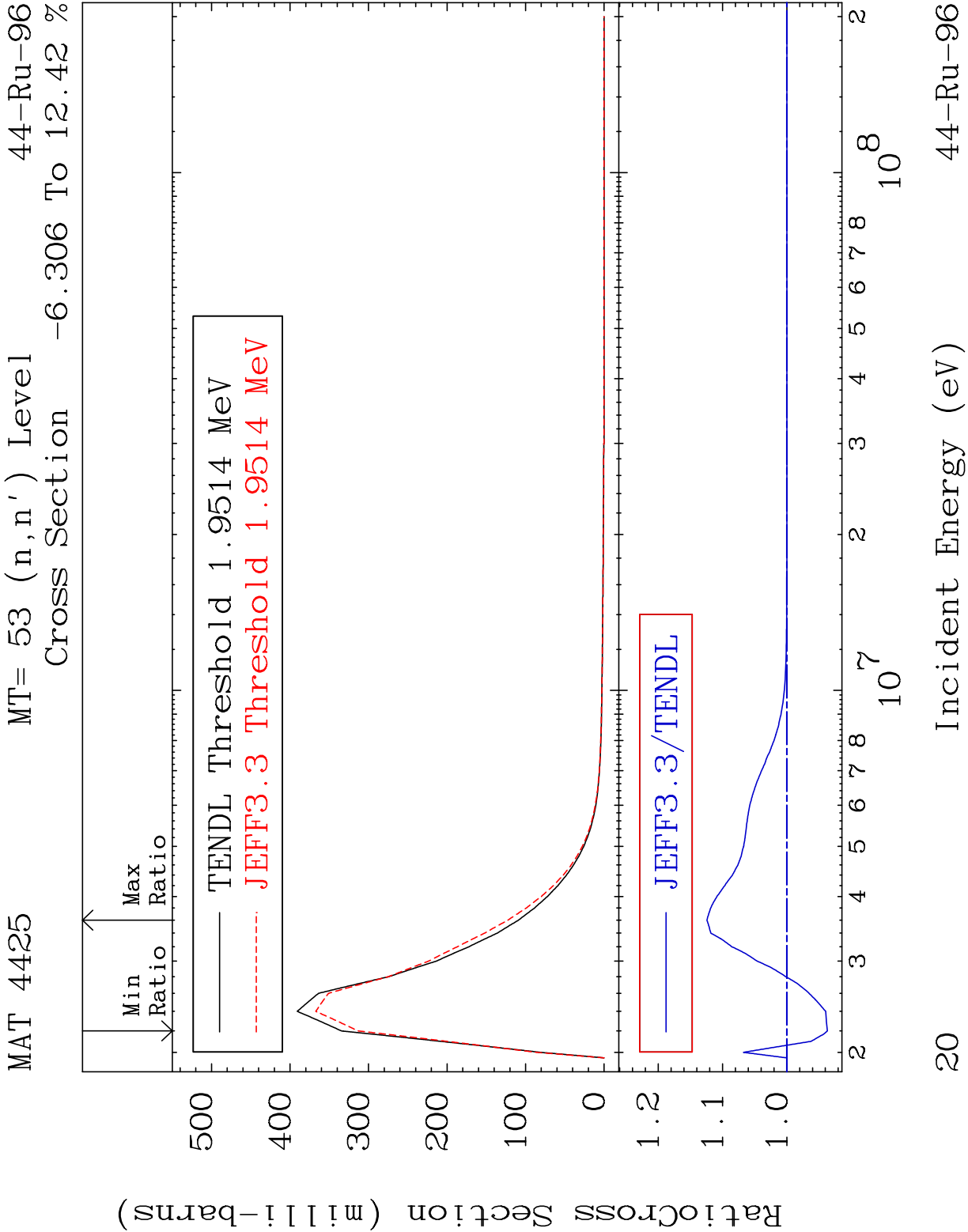


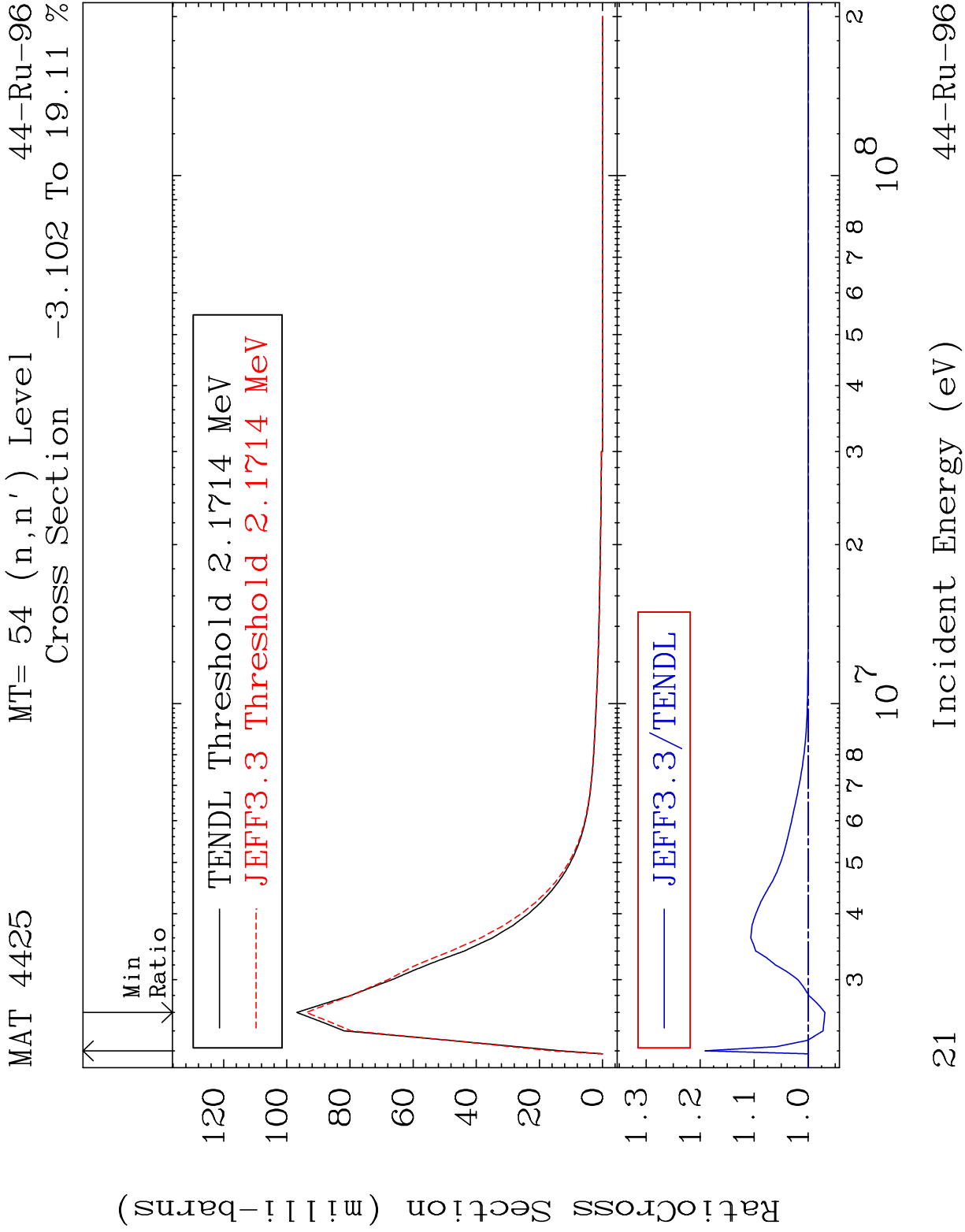


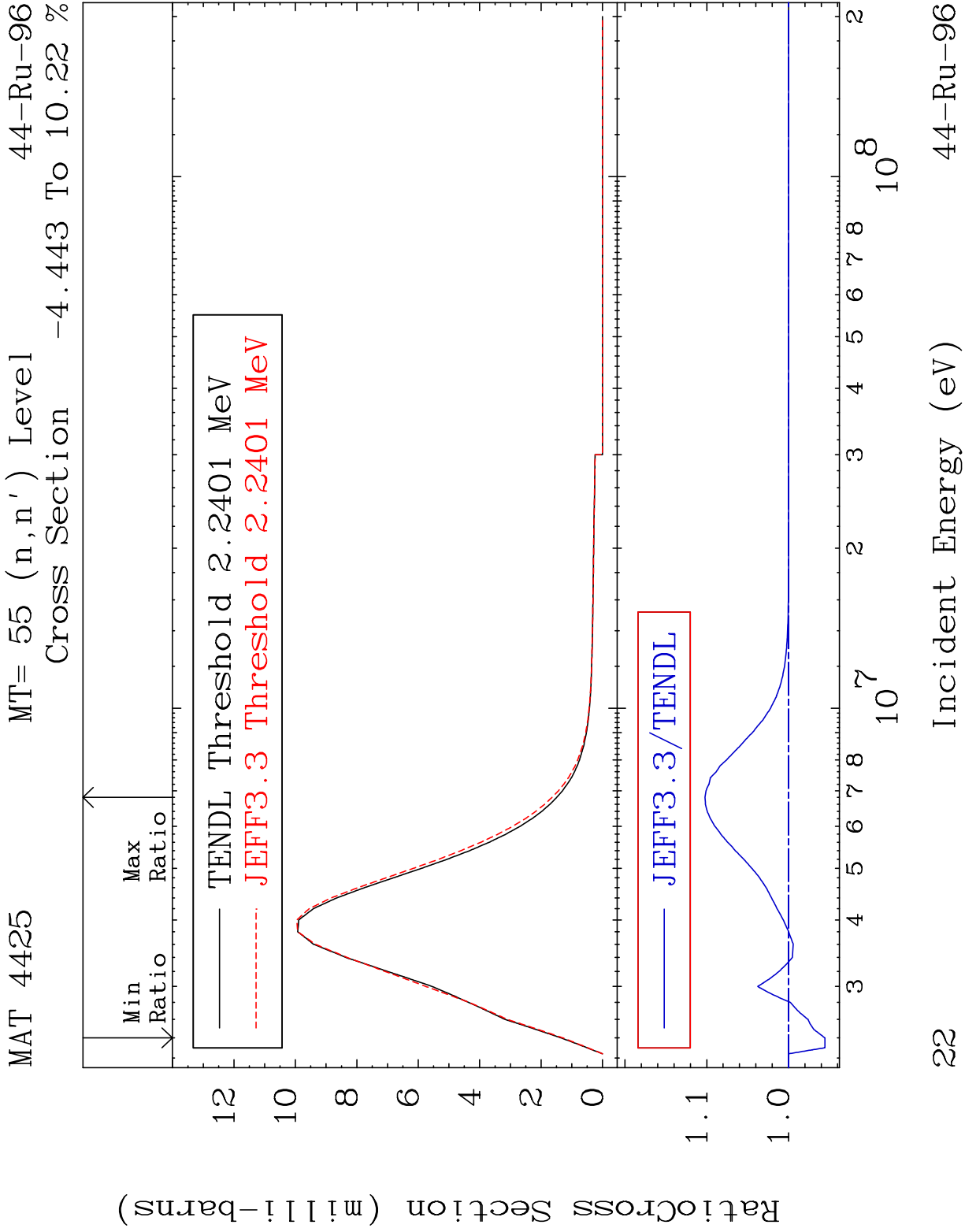


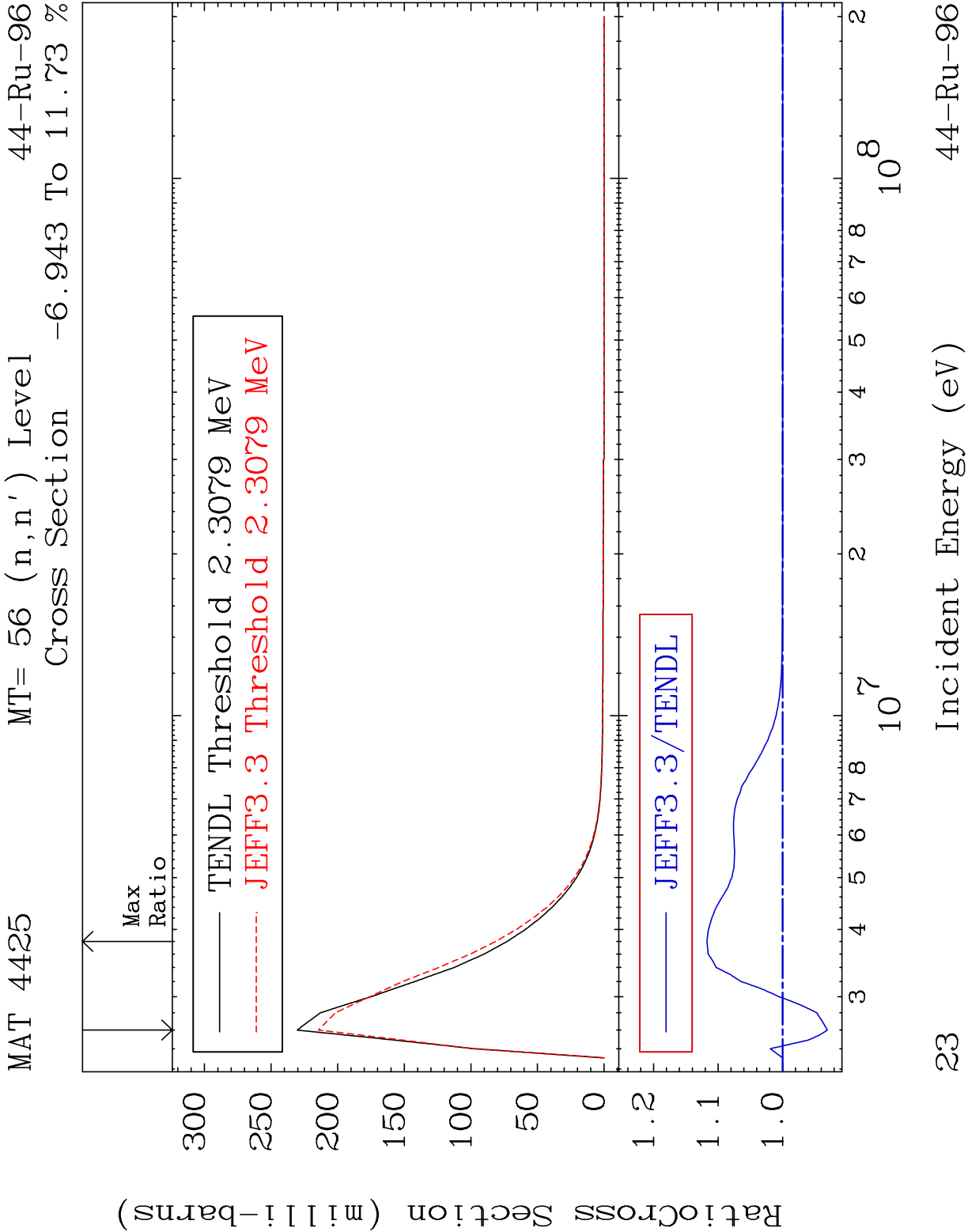
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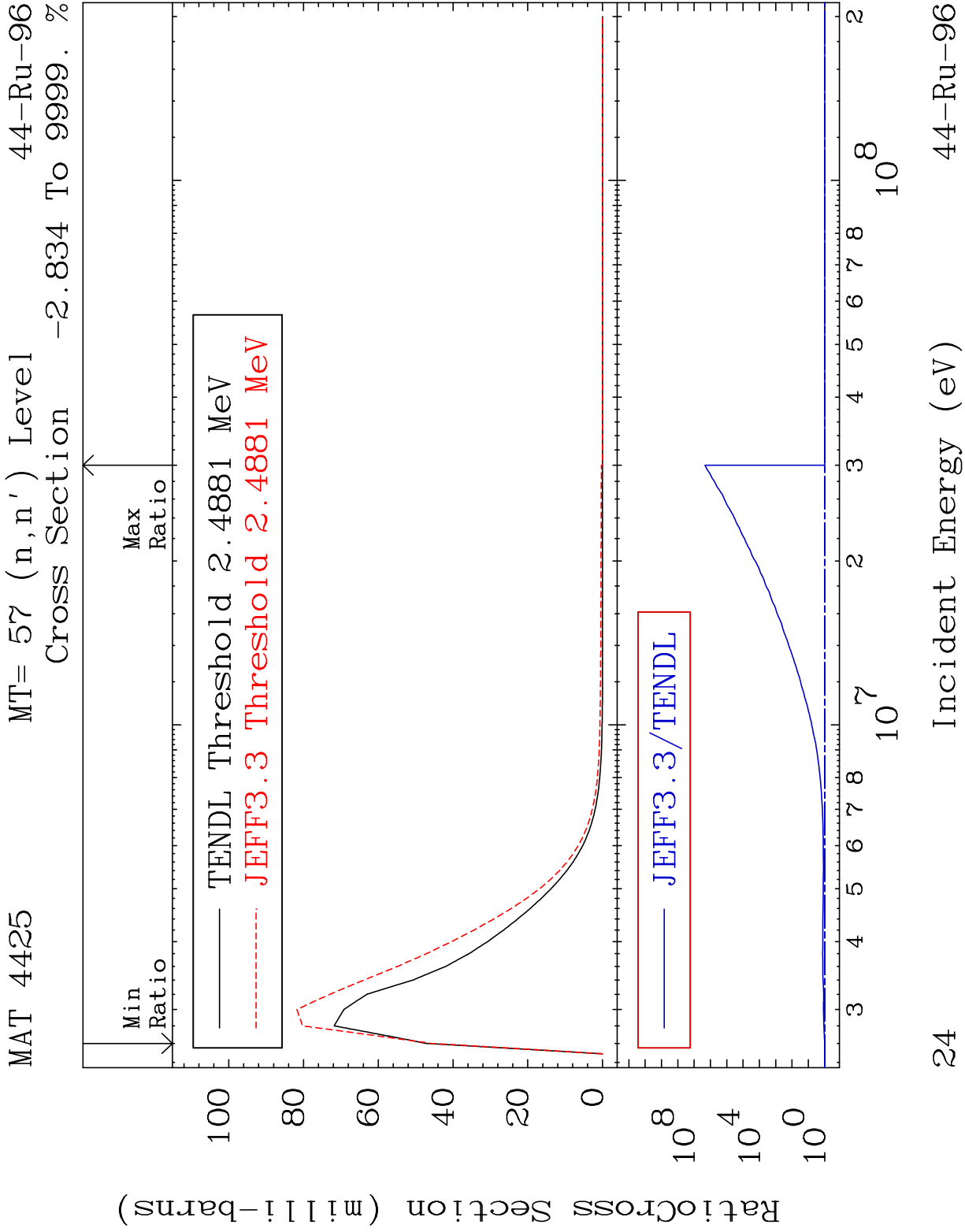


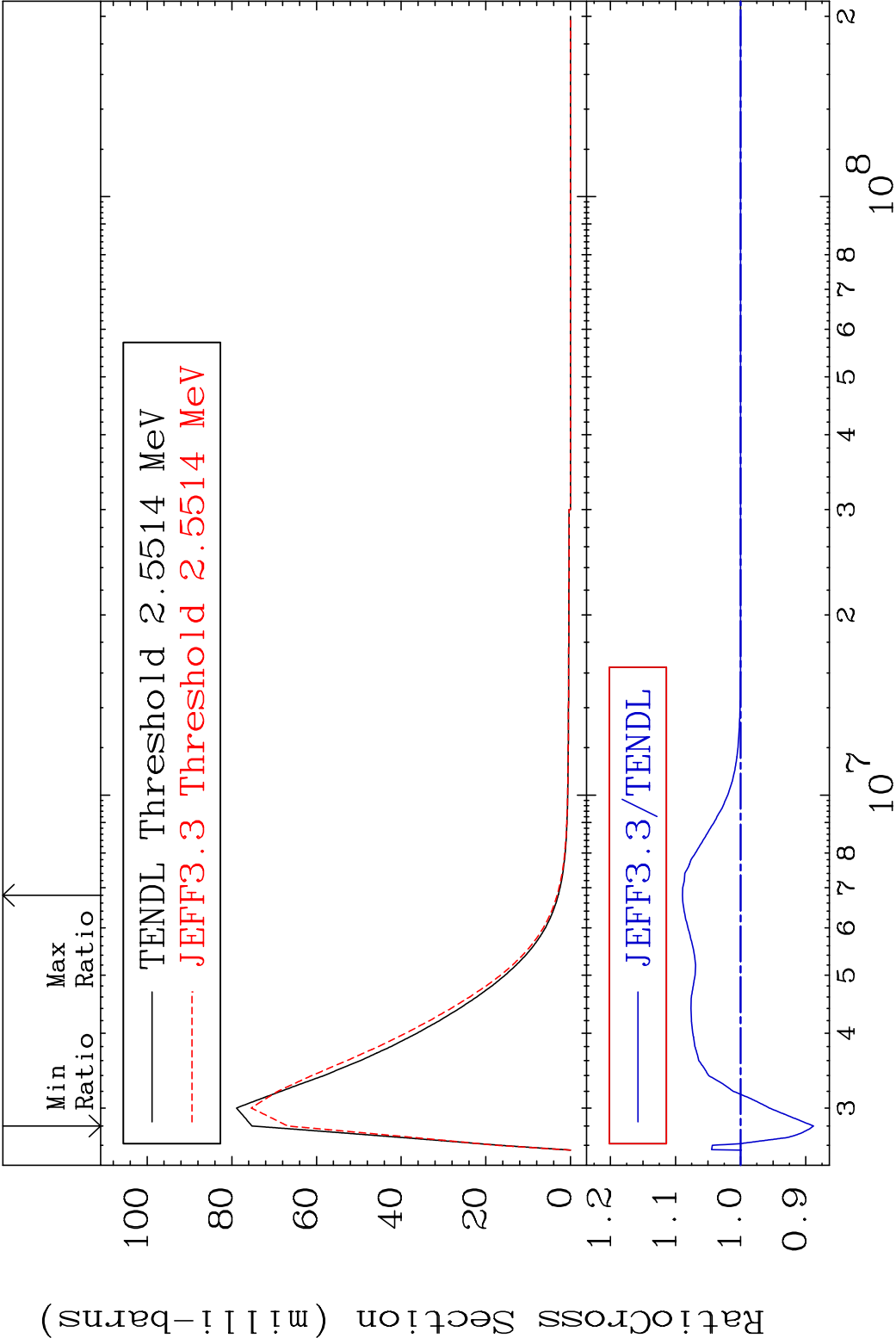


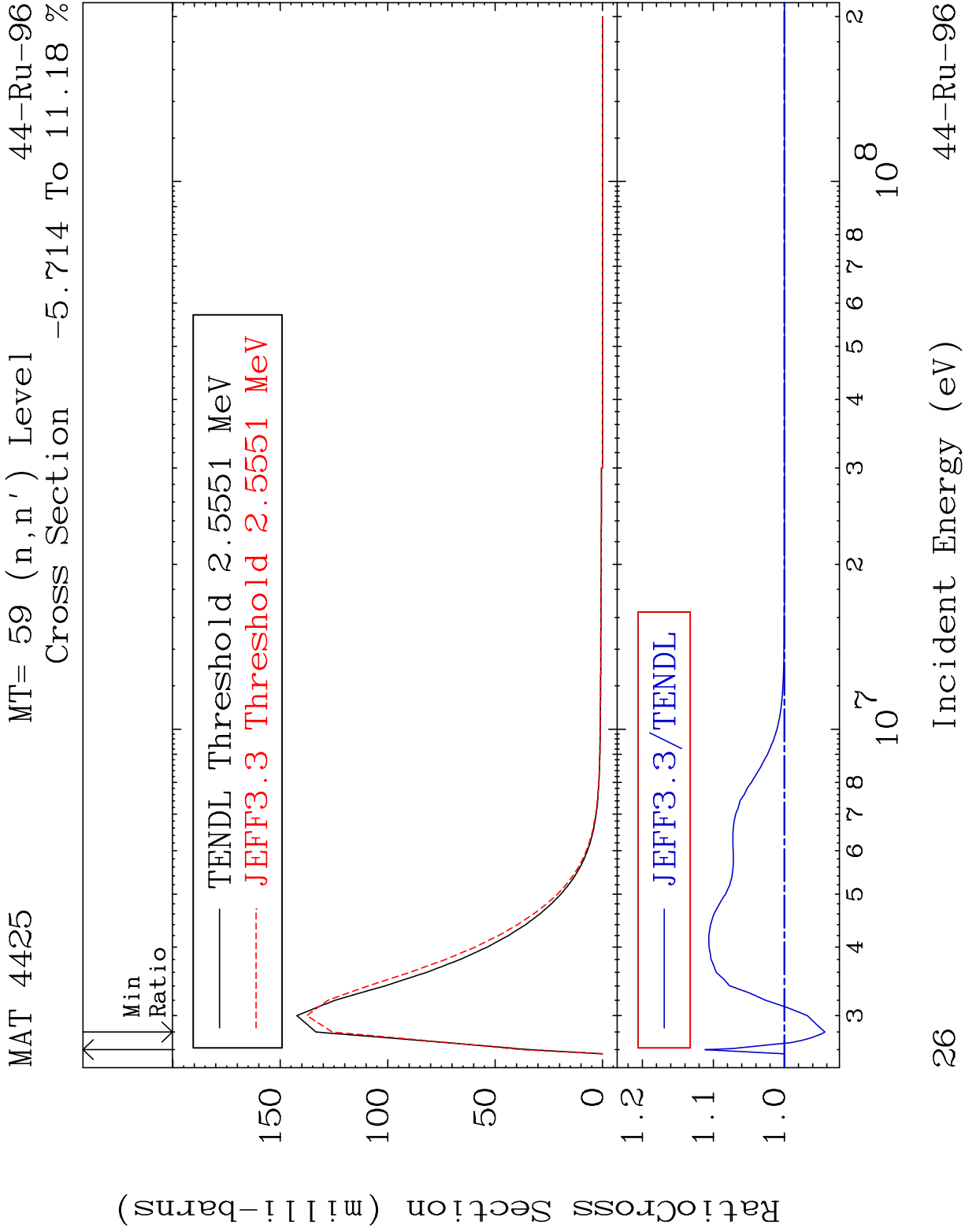


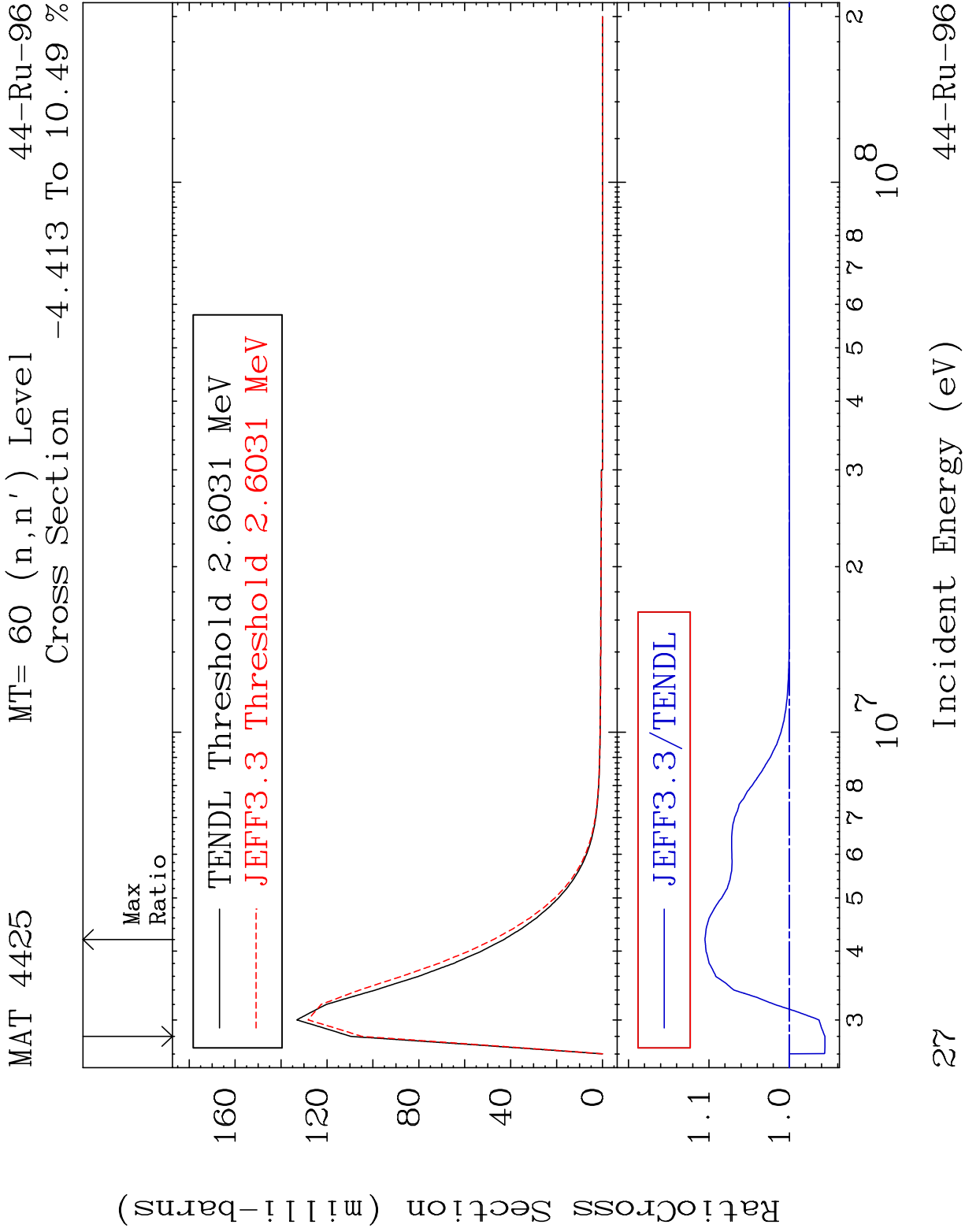


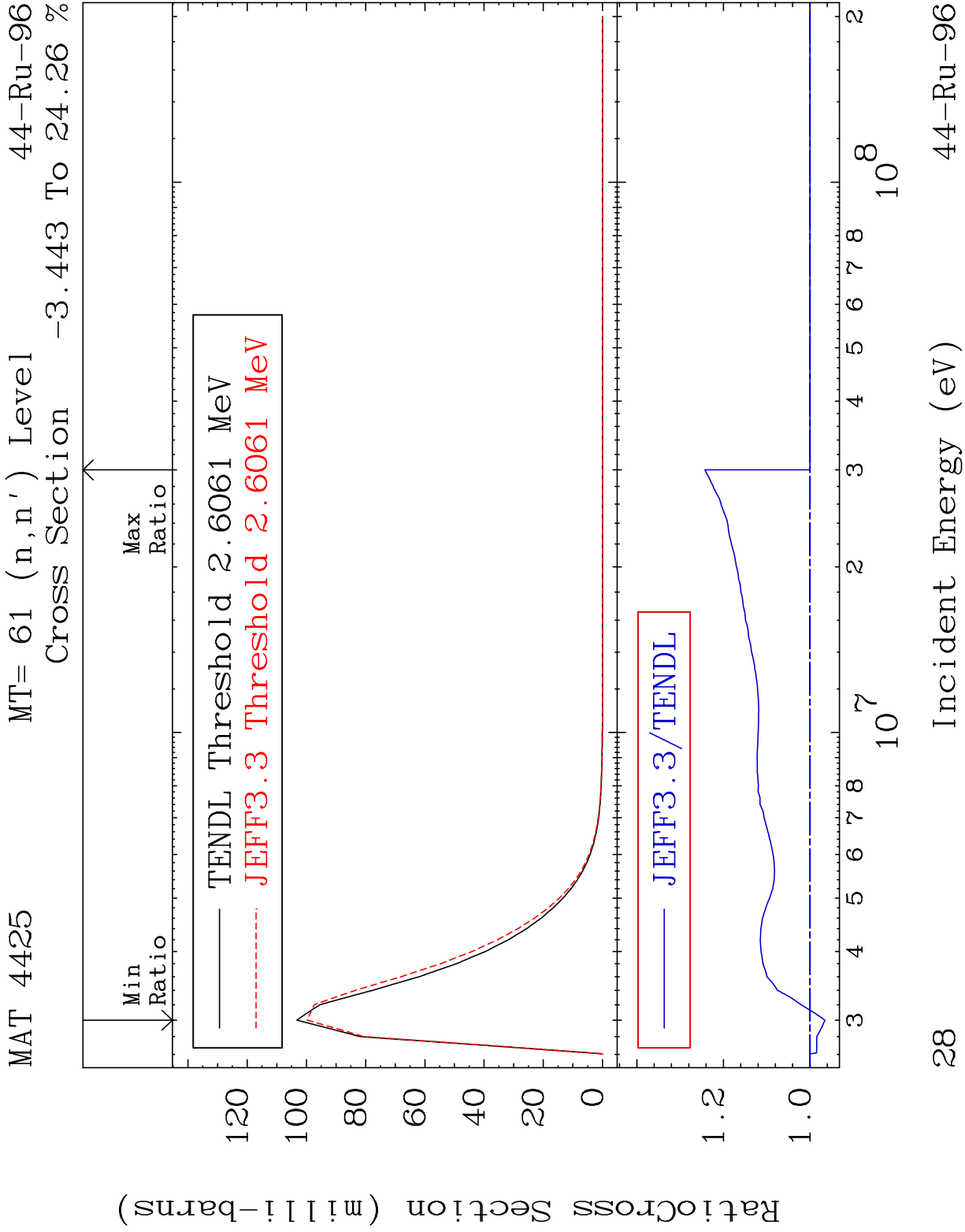


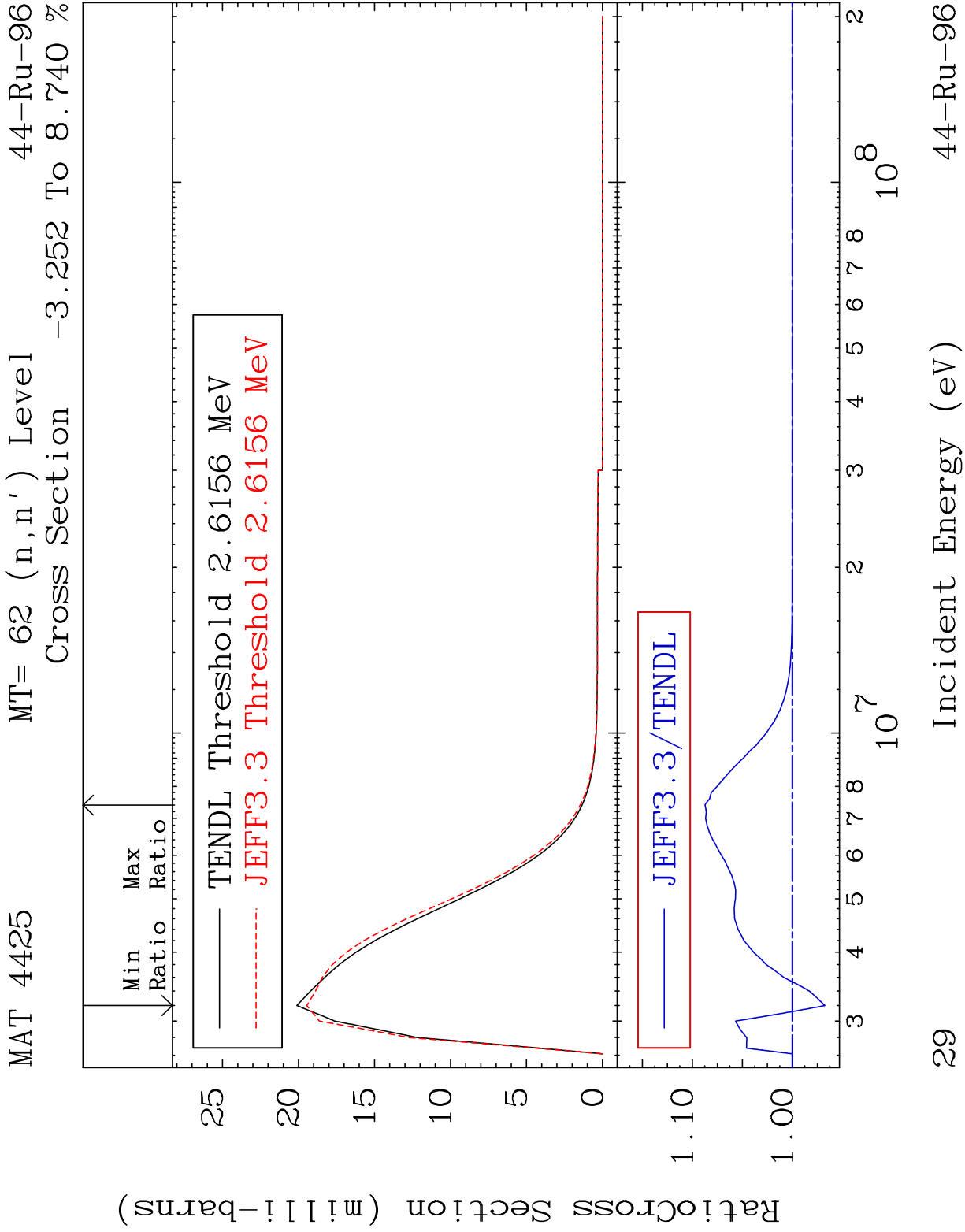










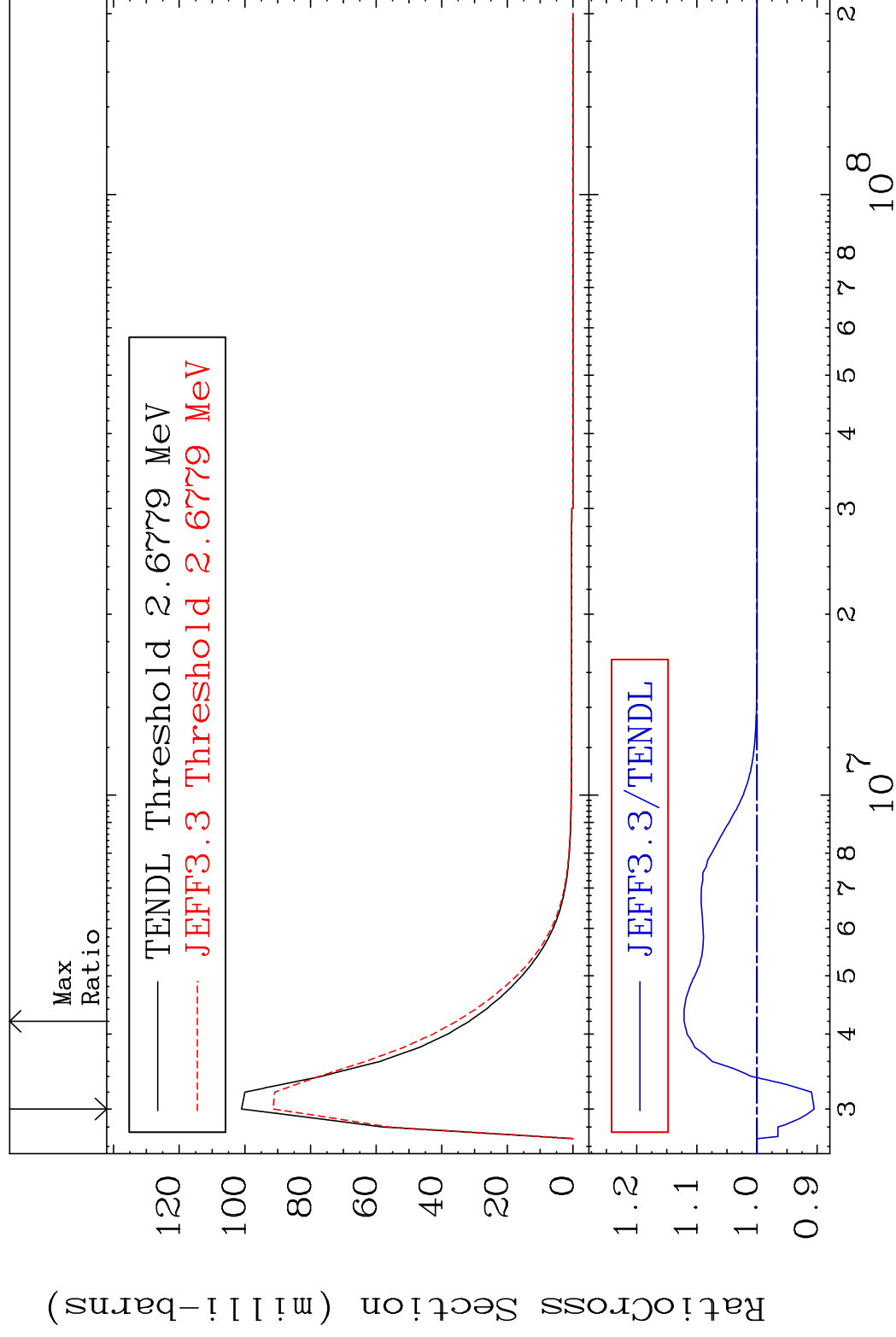


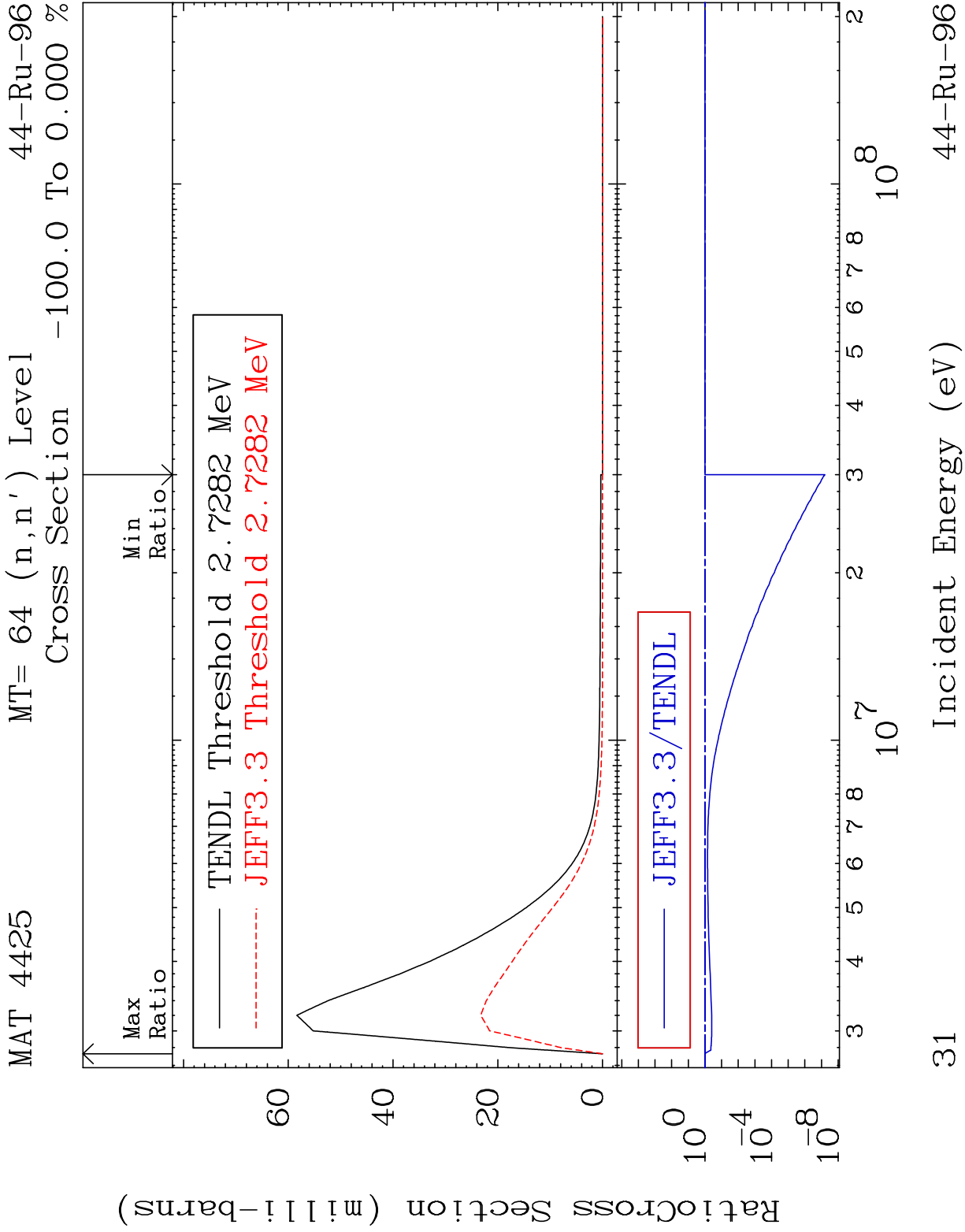
MAT 4425

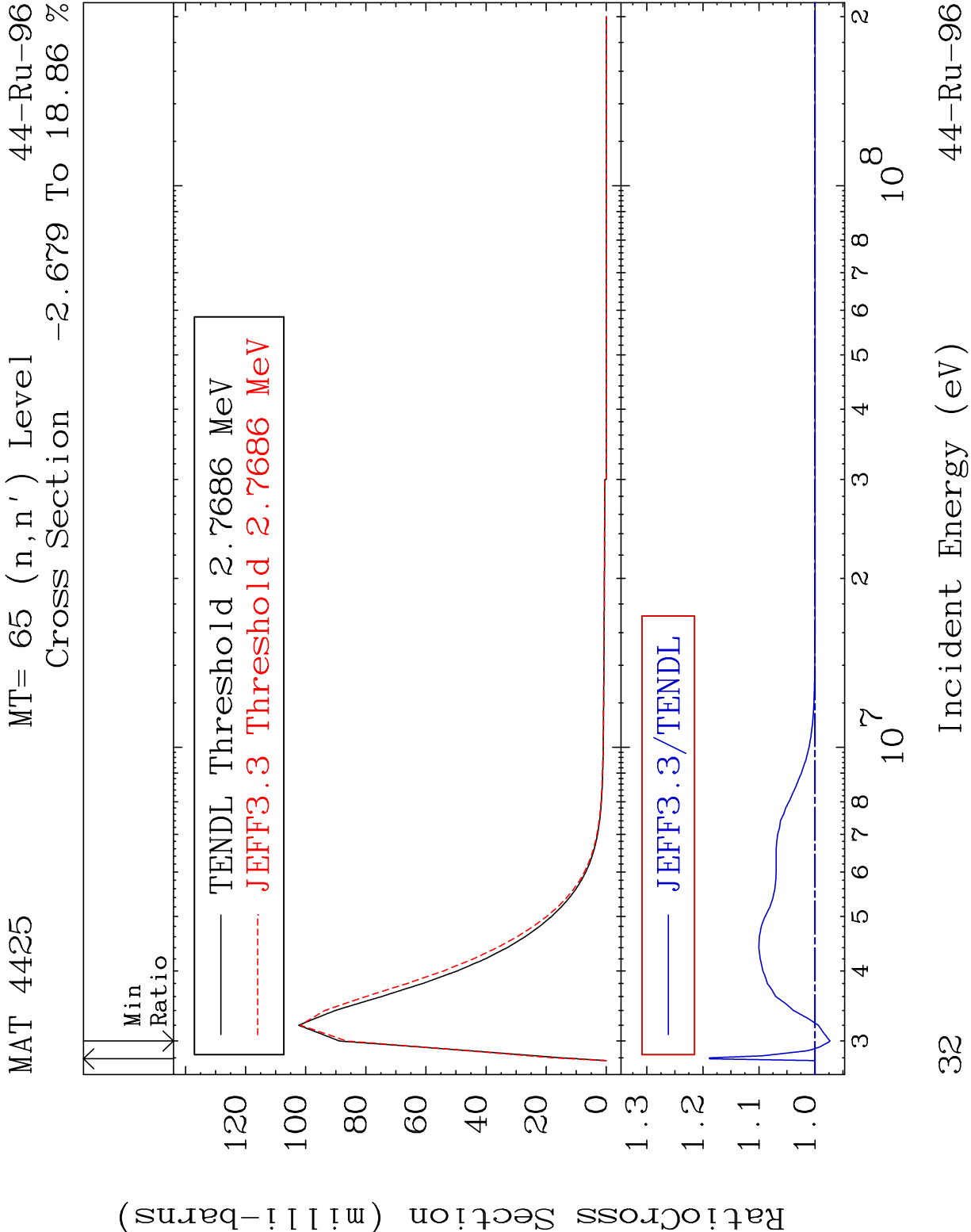
MT= 63 (n, n') Level

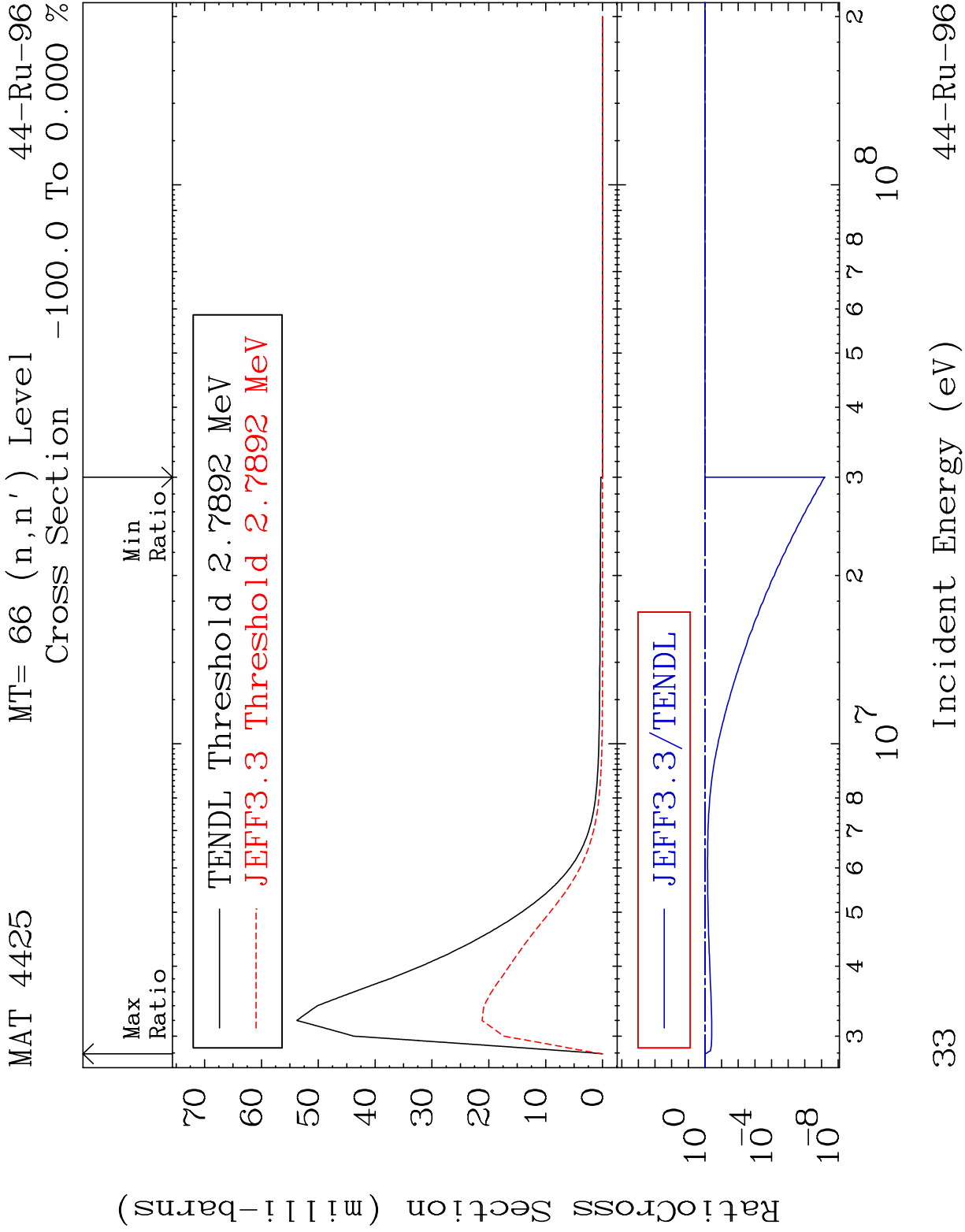
44-Ru-96

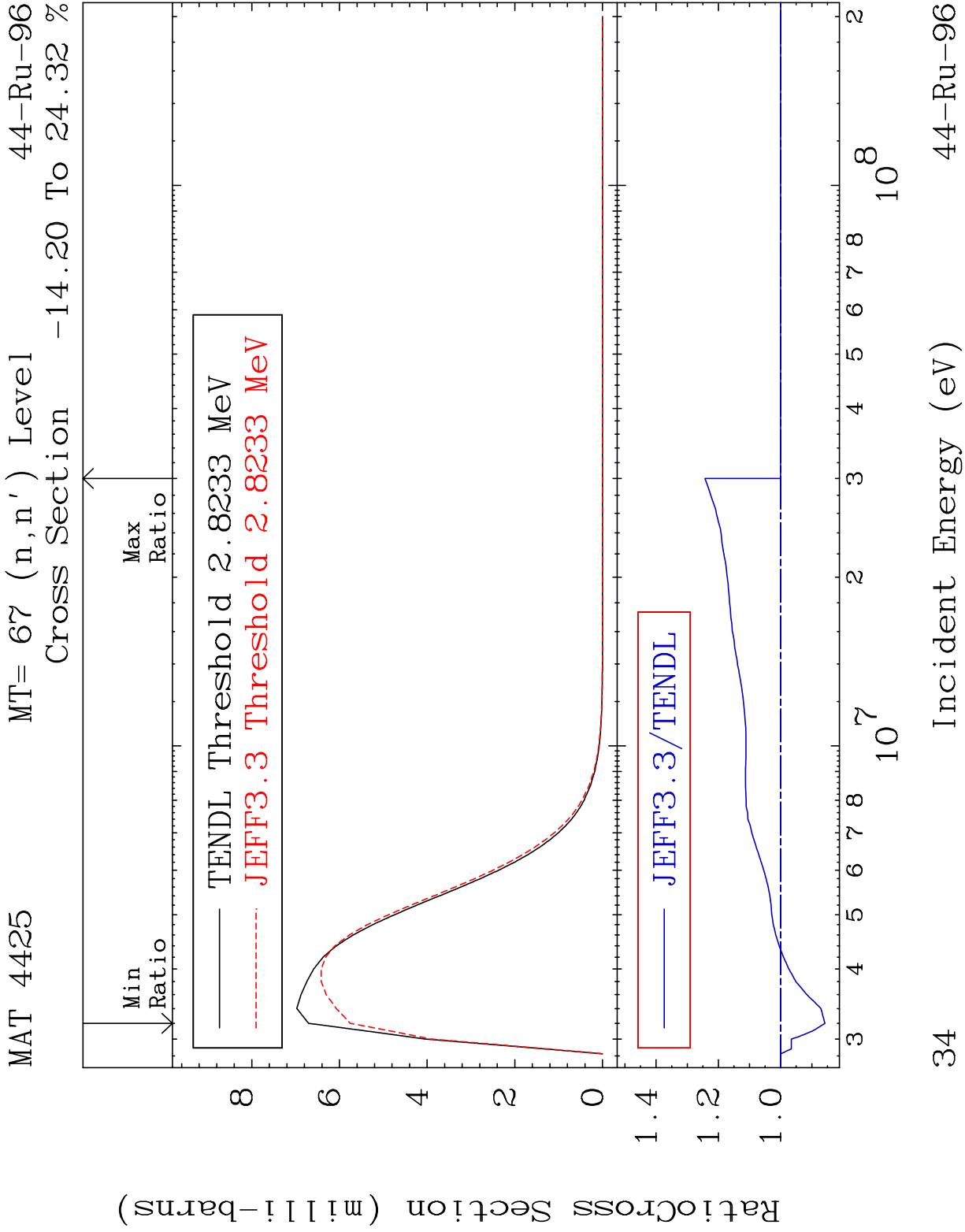
Cross Section	-9.496	To 12.11 %
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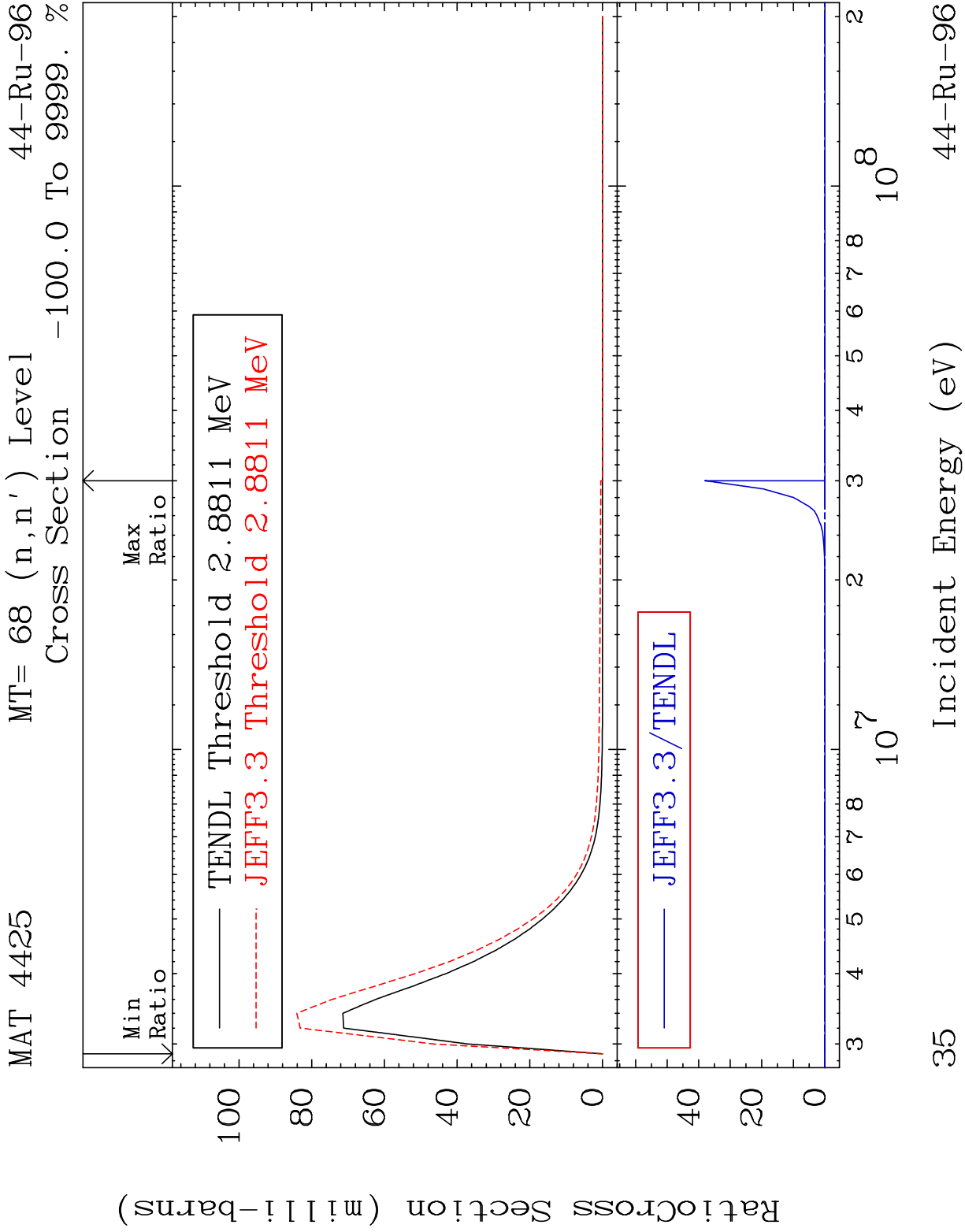


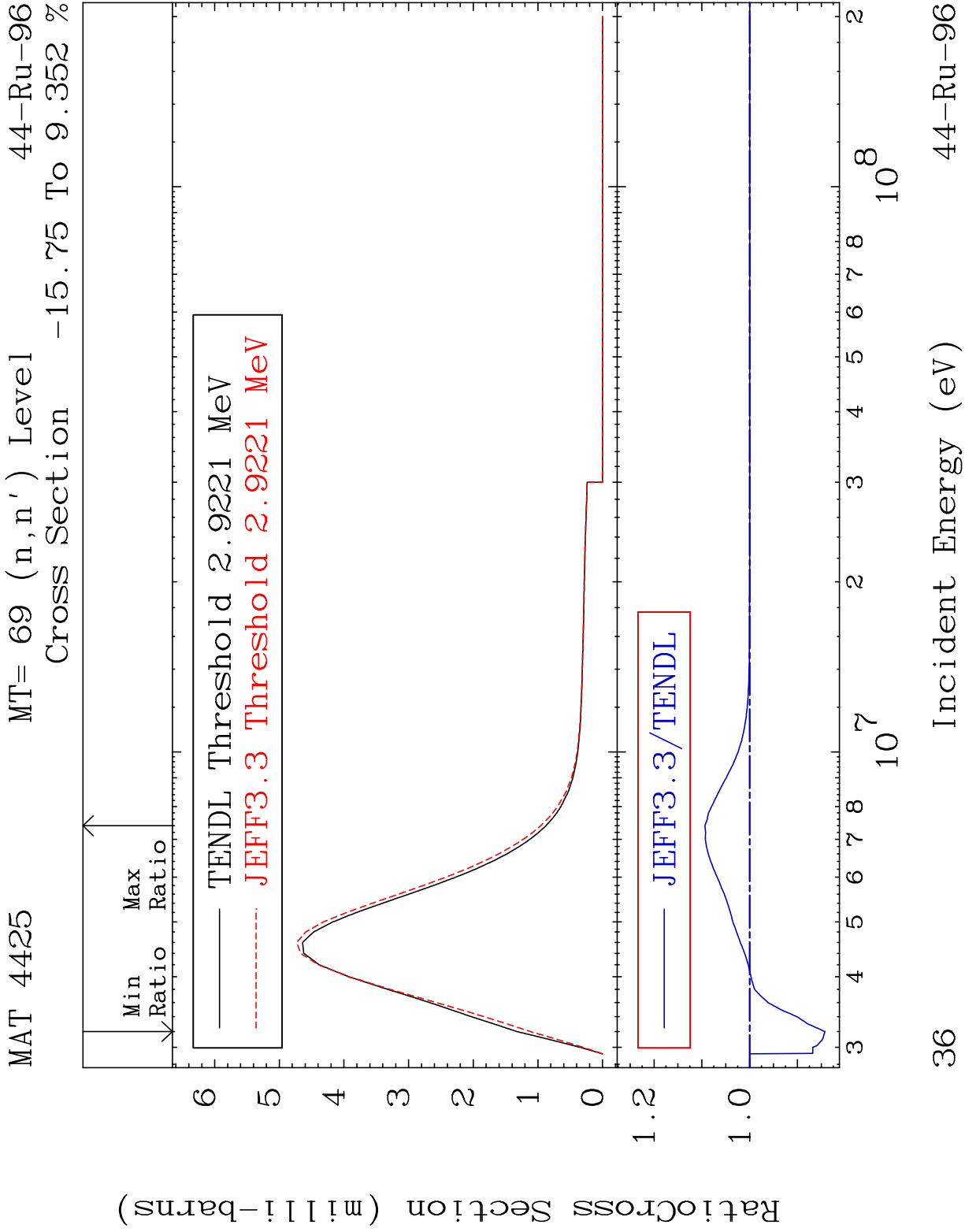


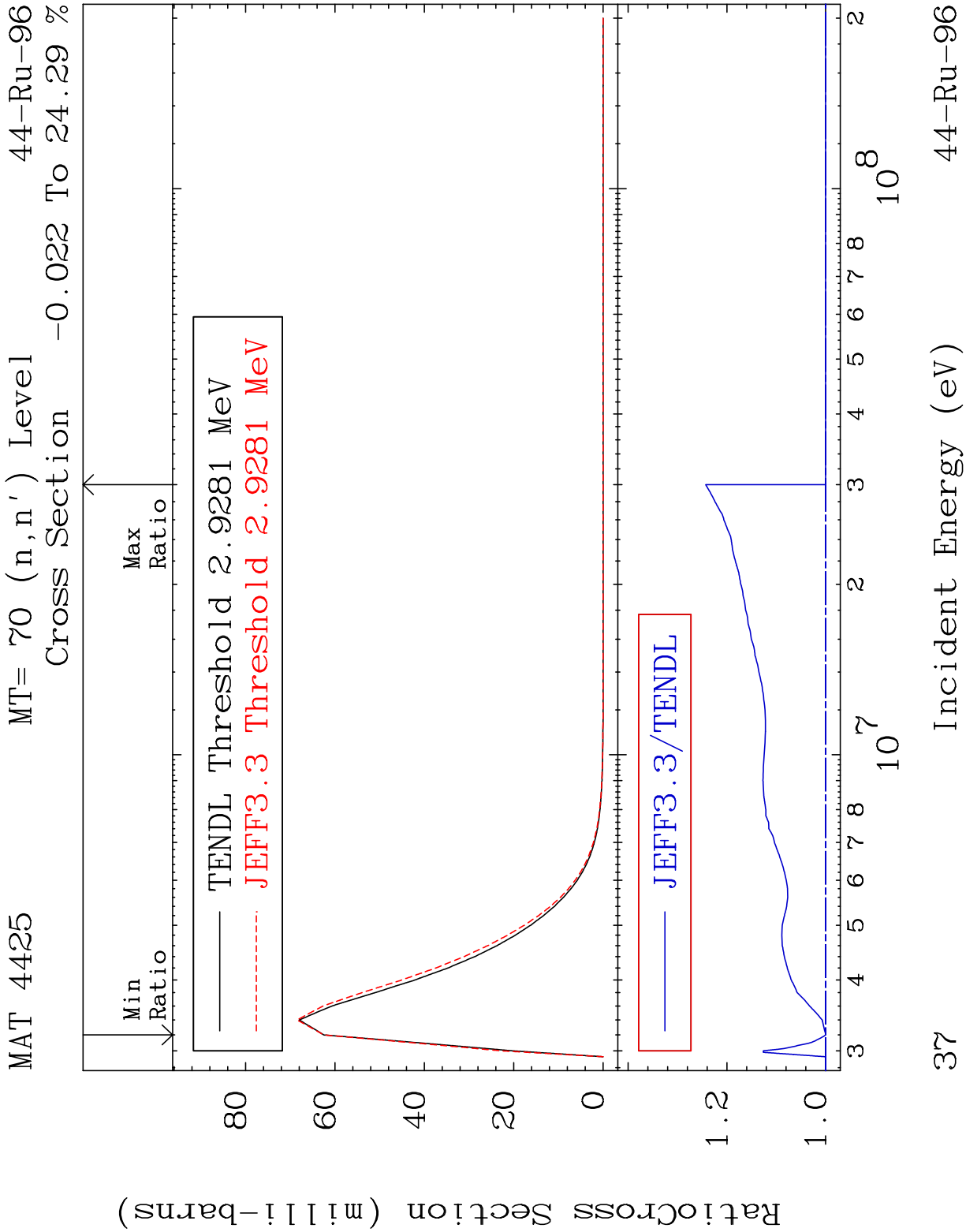


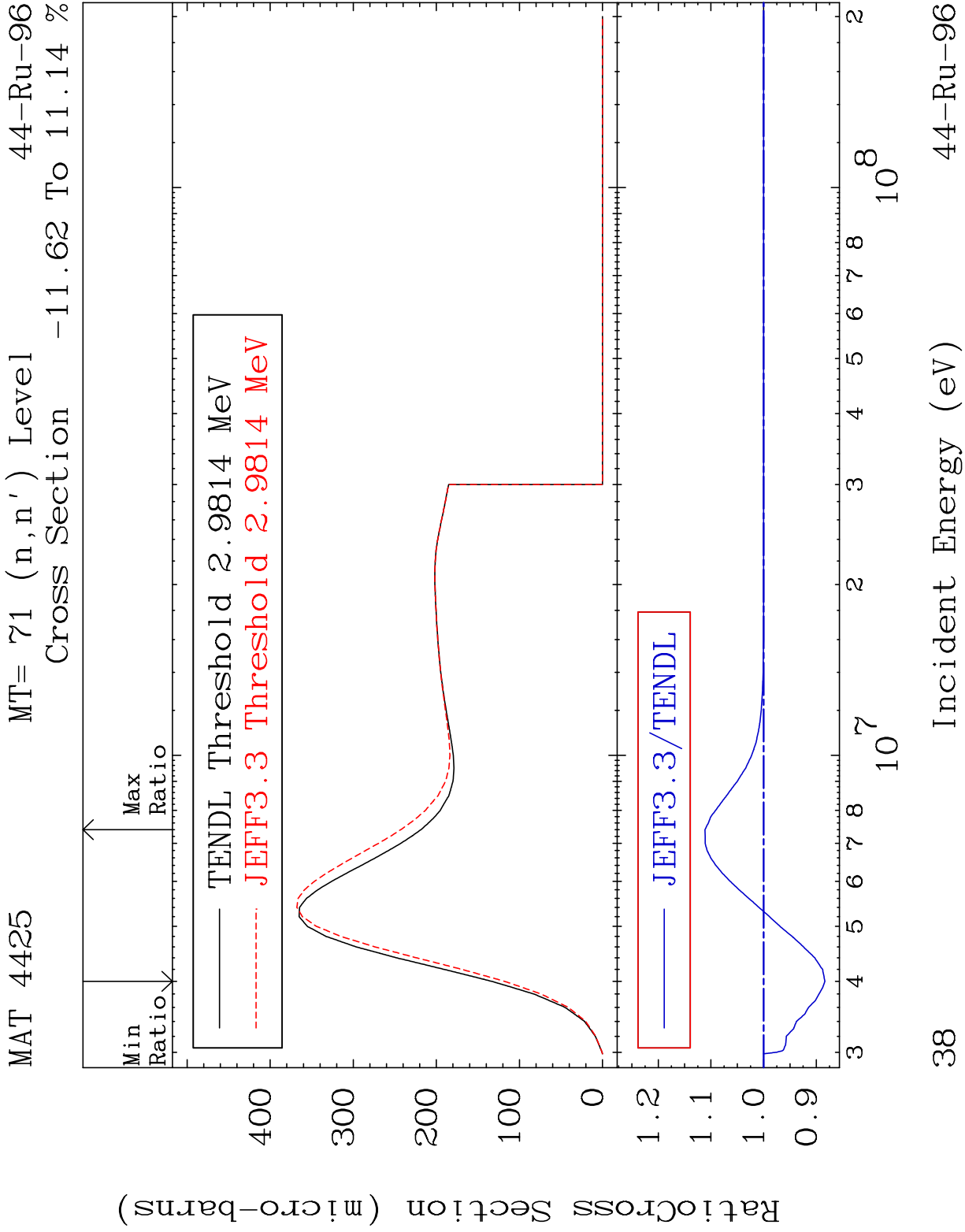


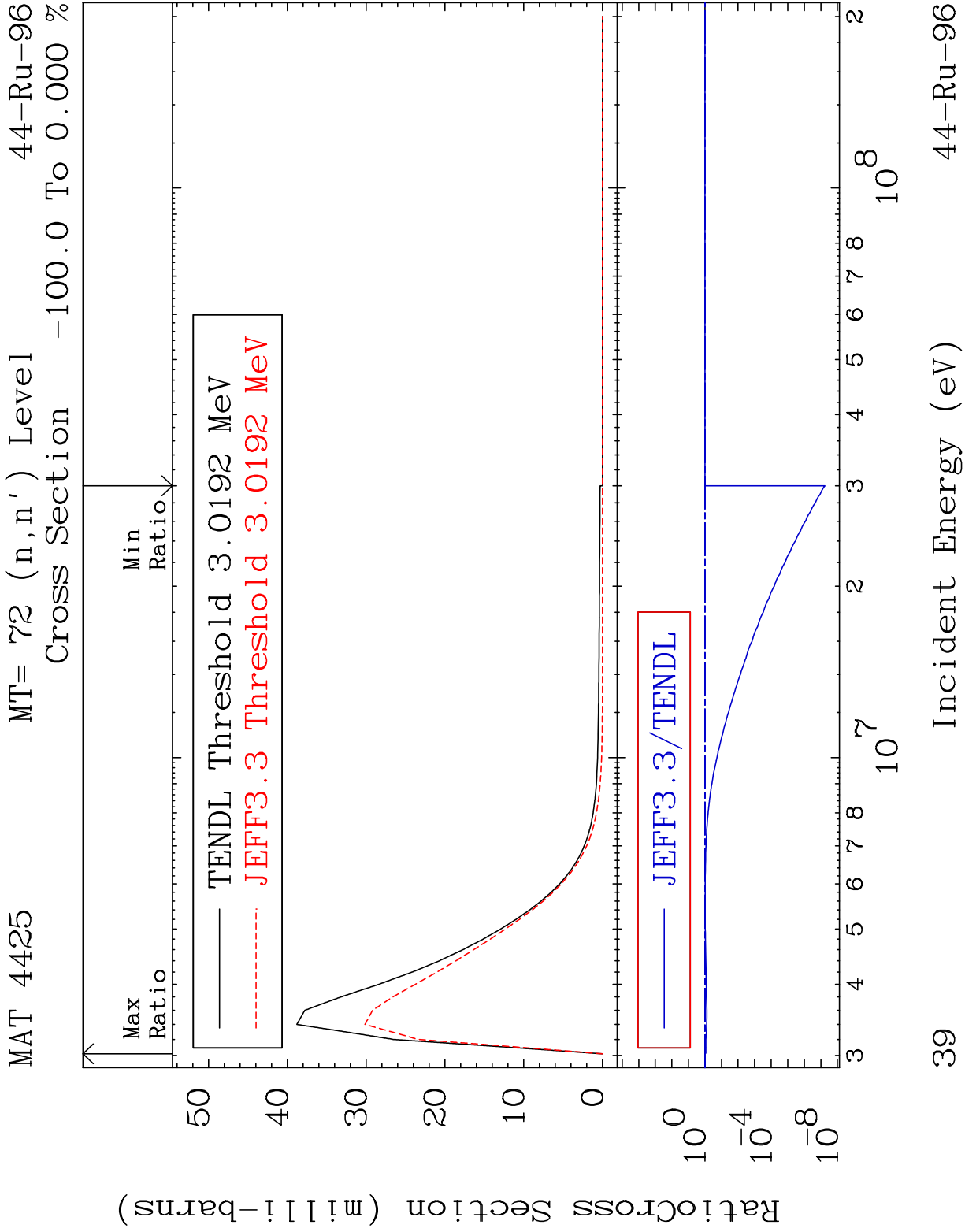


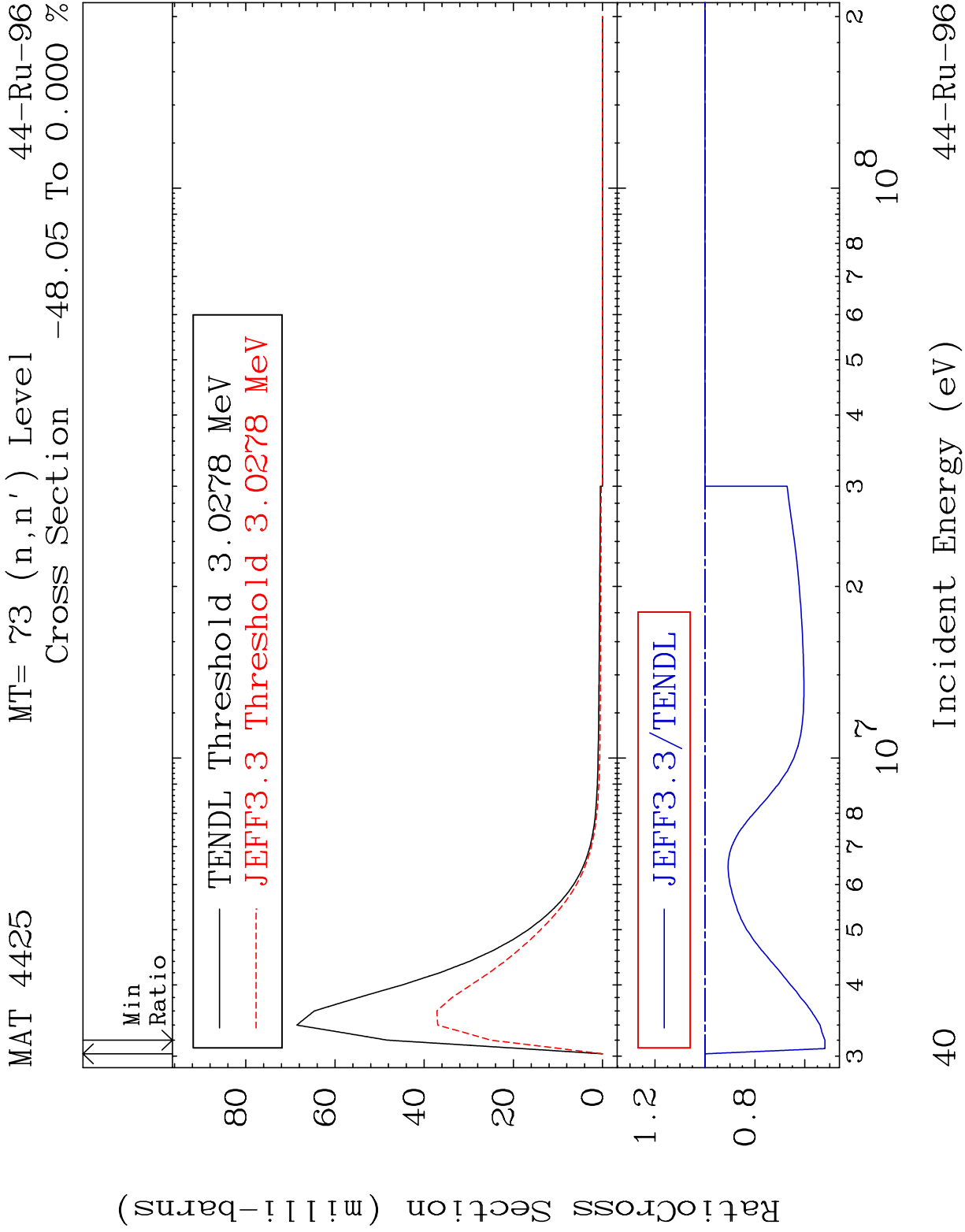


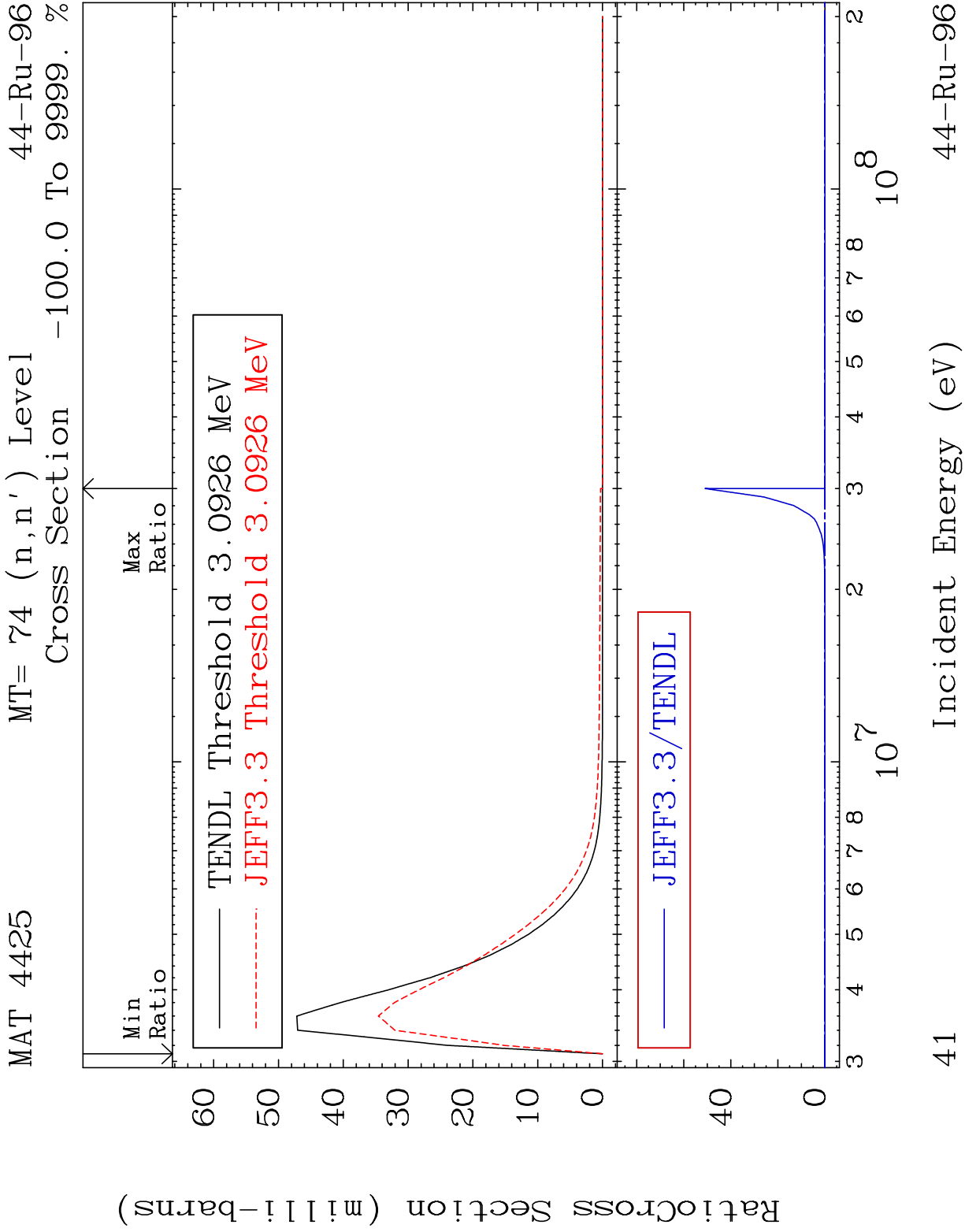


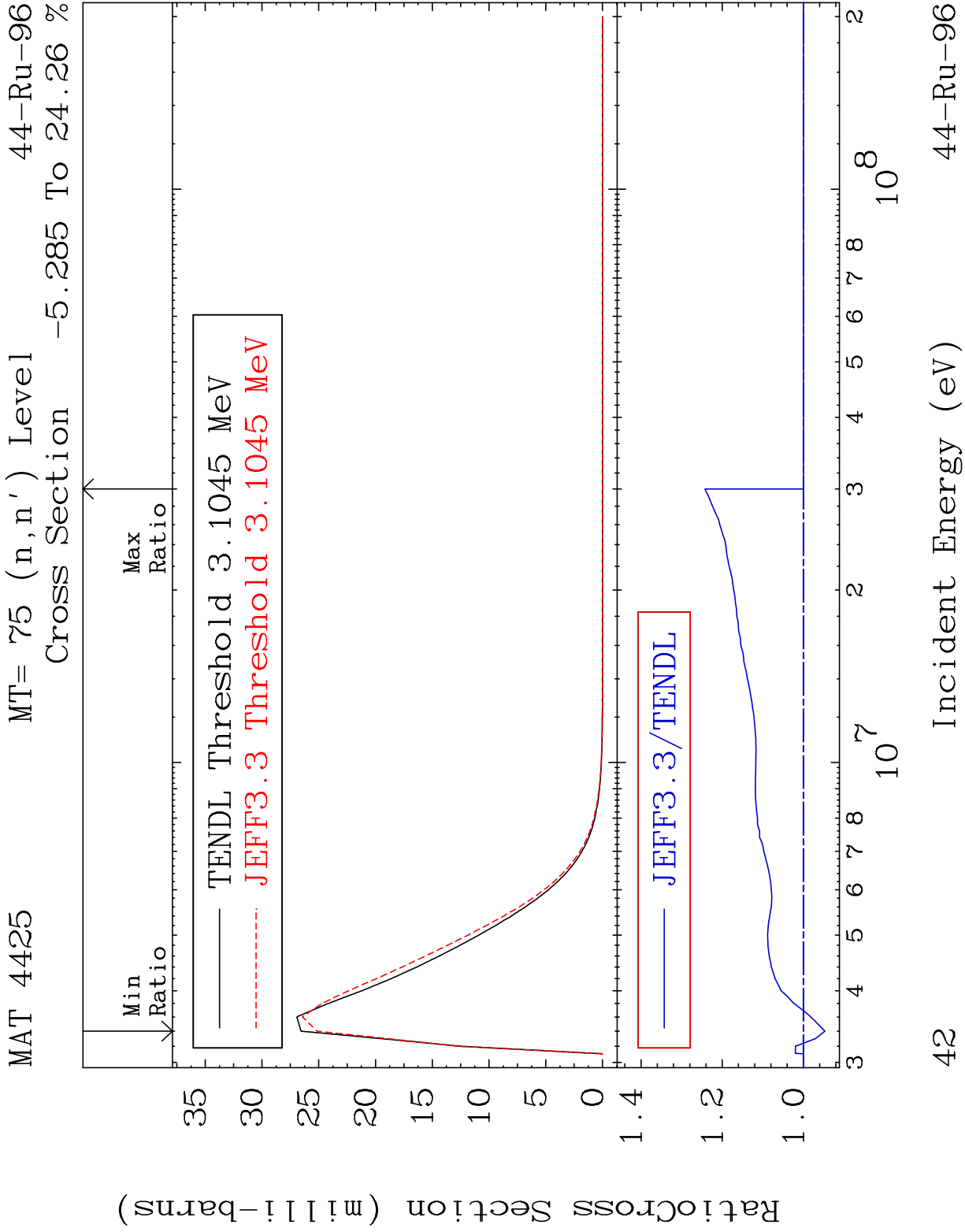












Ratio of Cross Section (milli-barns)

35
30
25
20
15
10
5
0

1.4
1.2
1.0

3

4

5

6

7

8

9

10

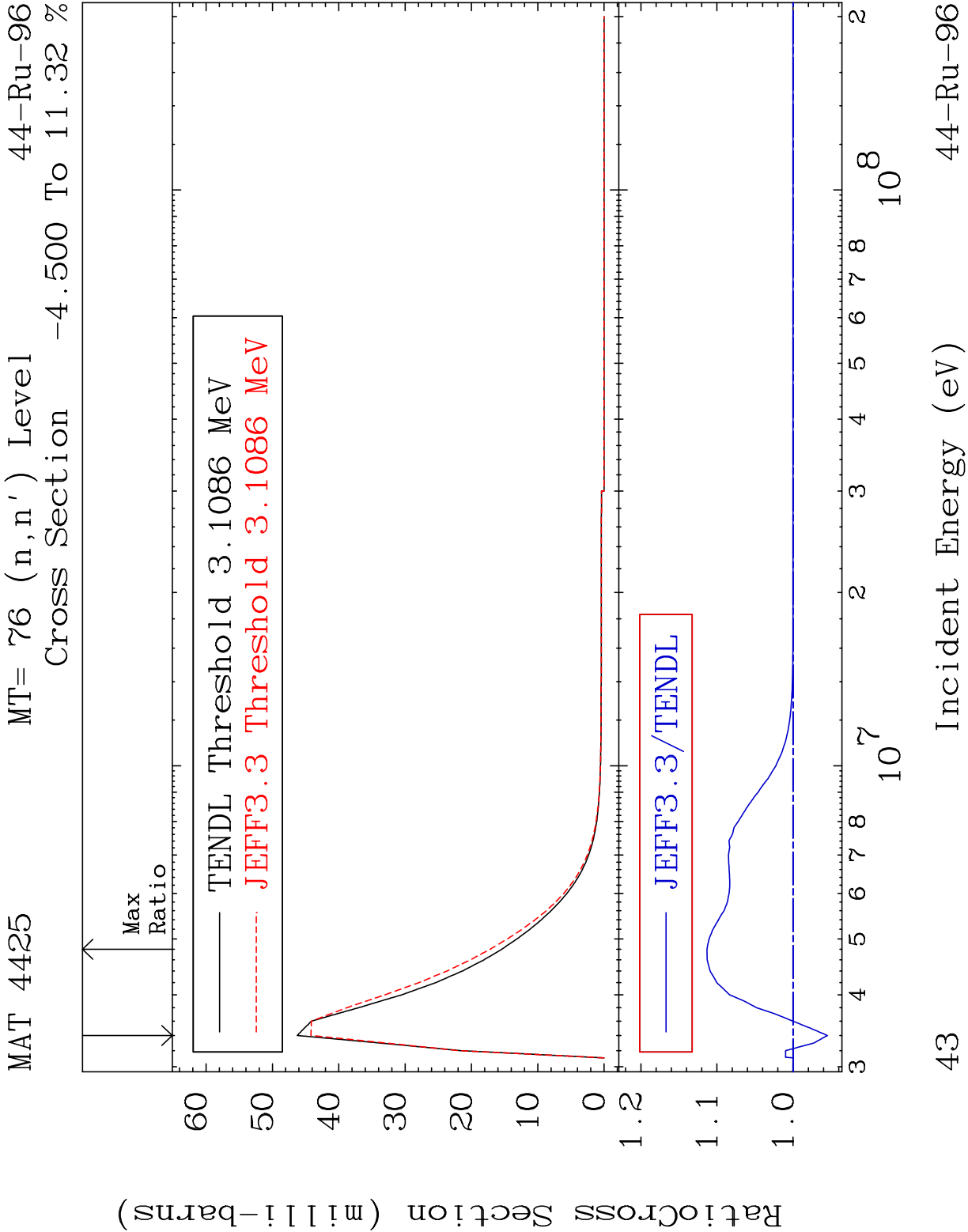
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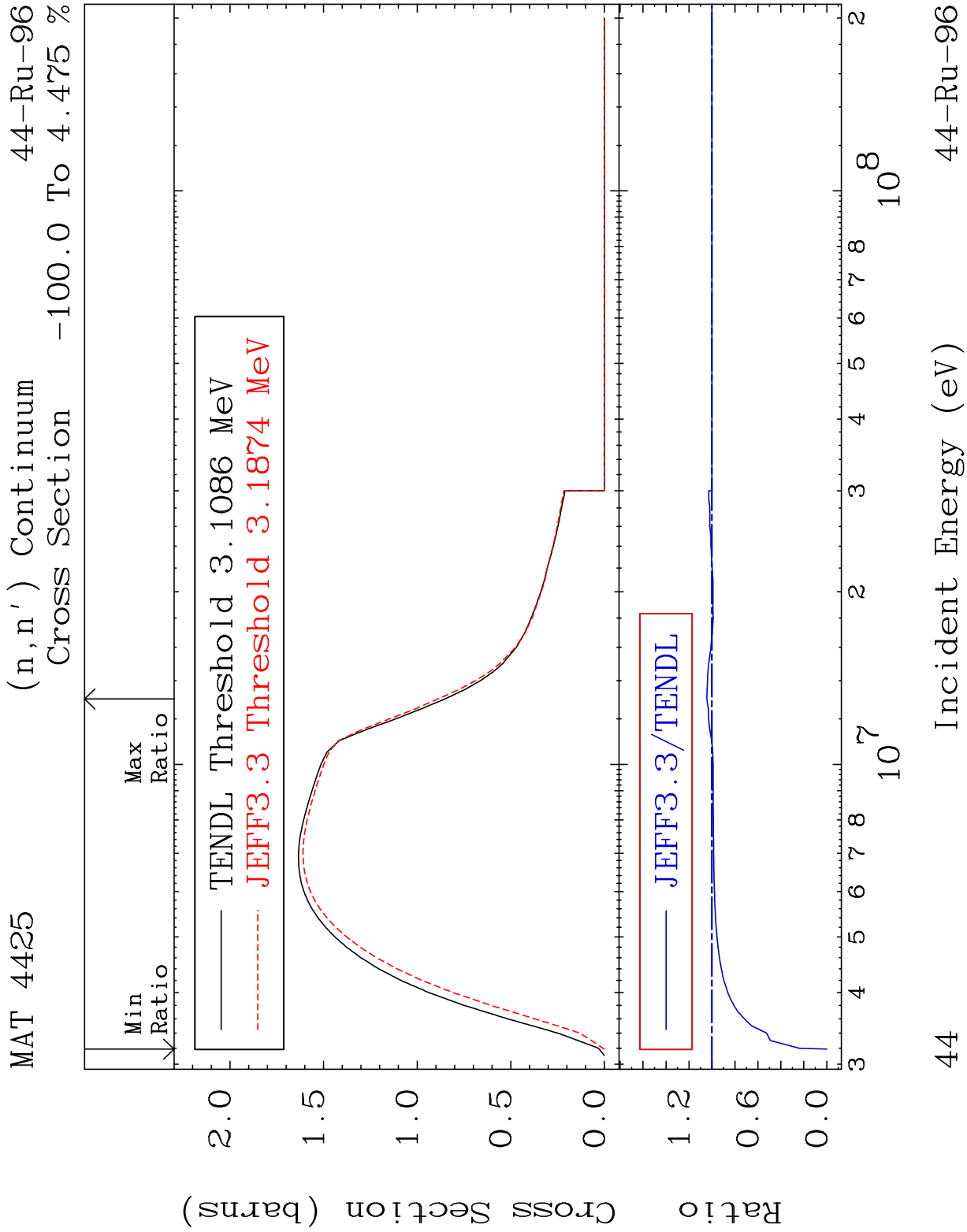
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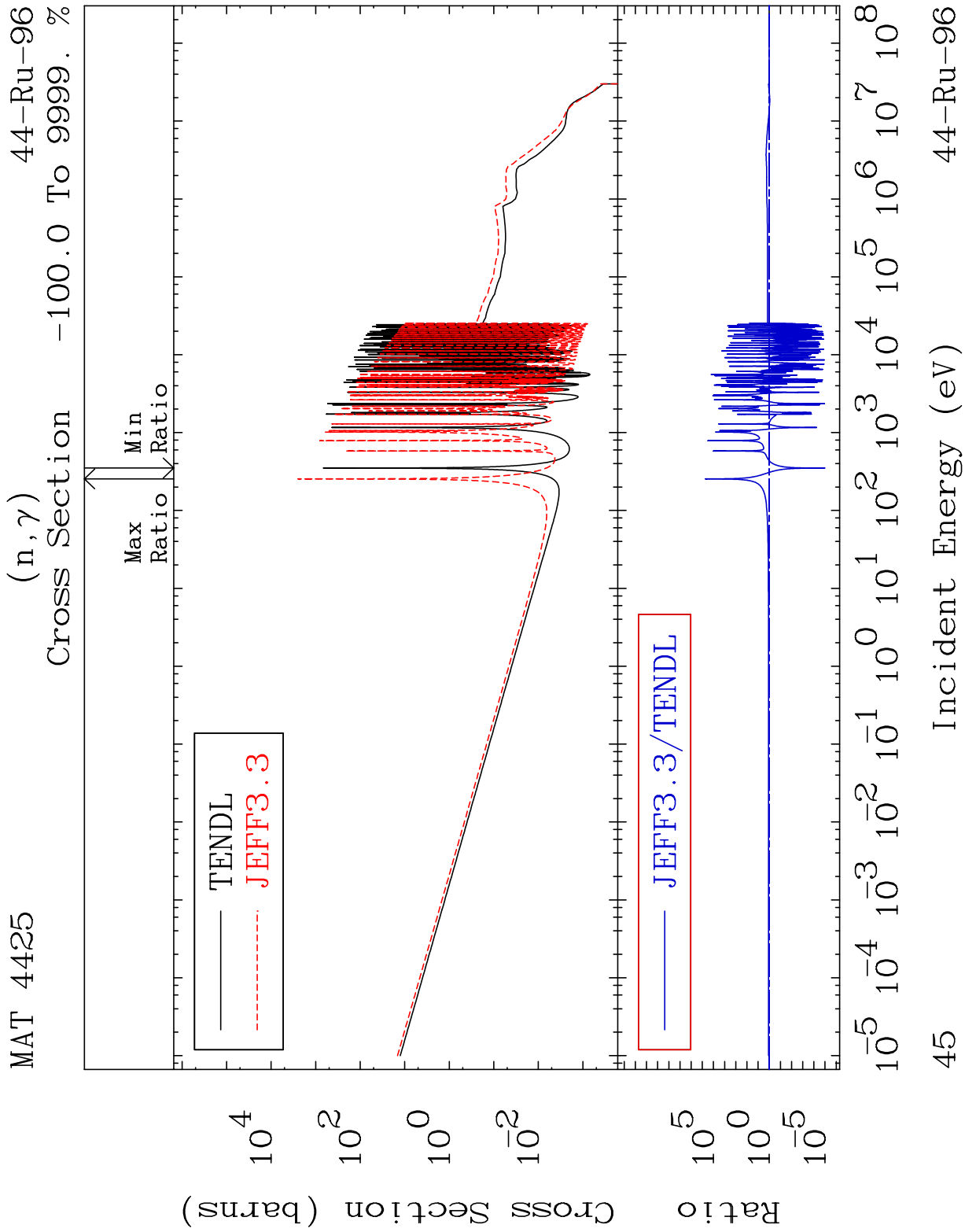
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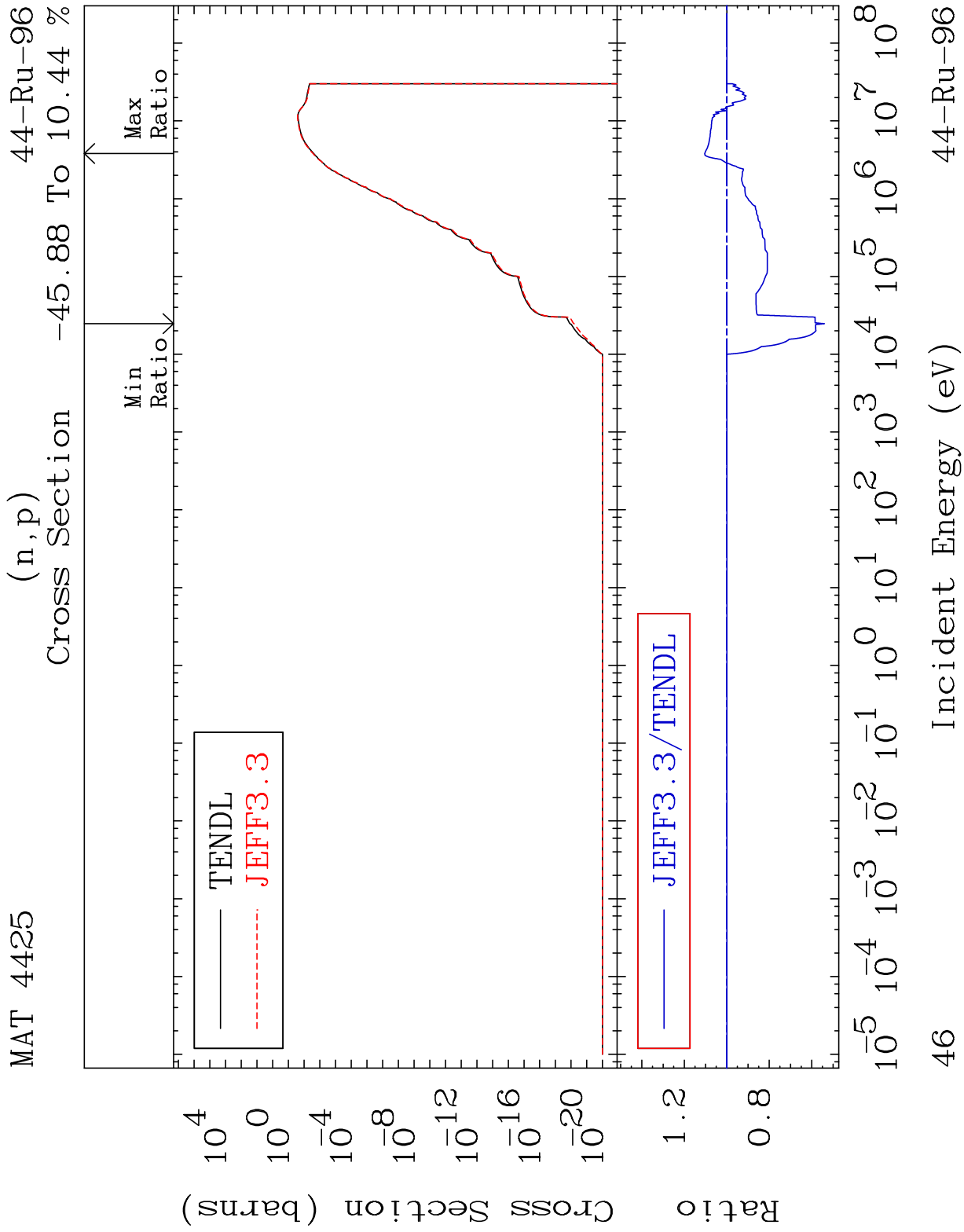
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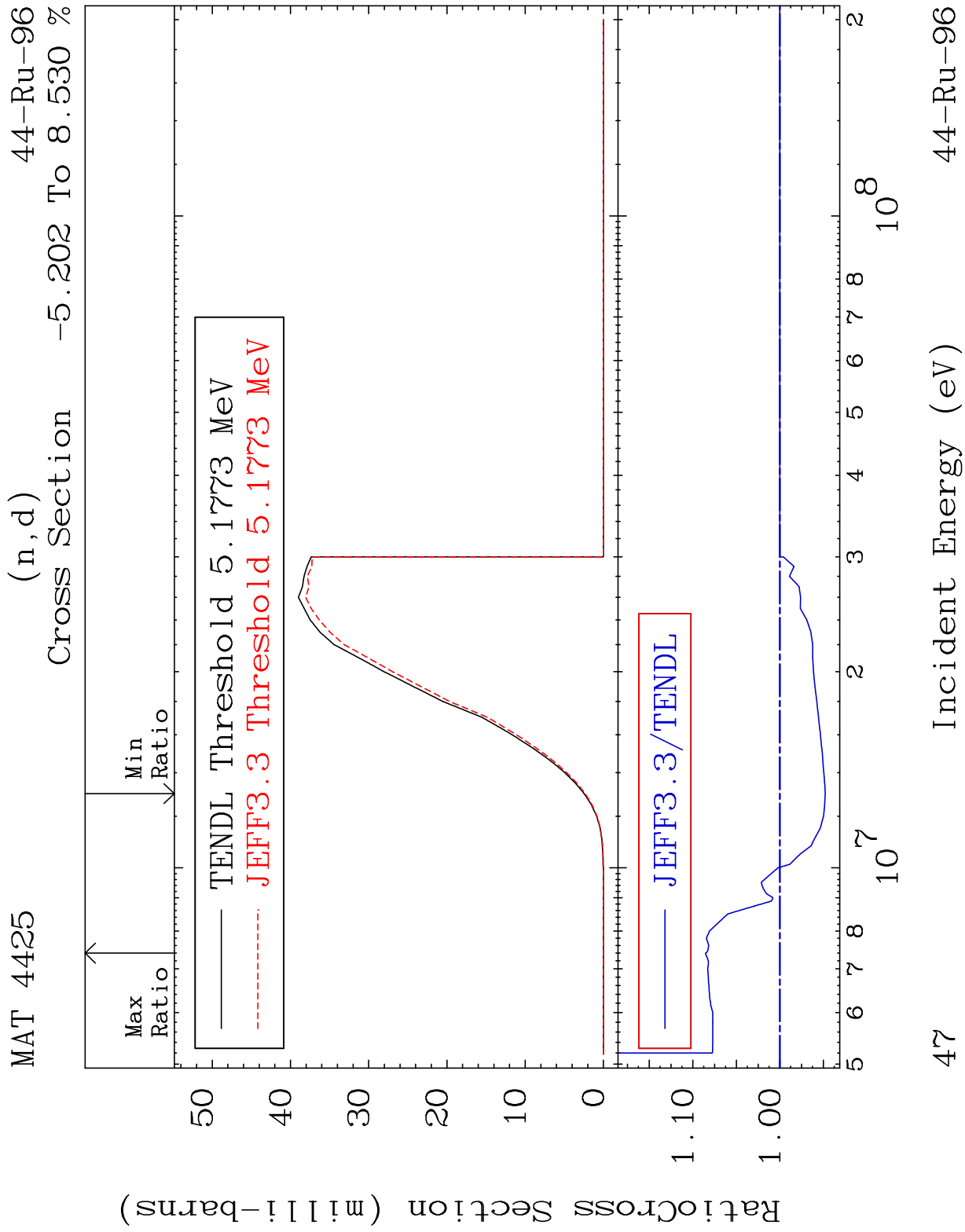
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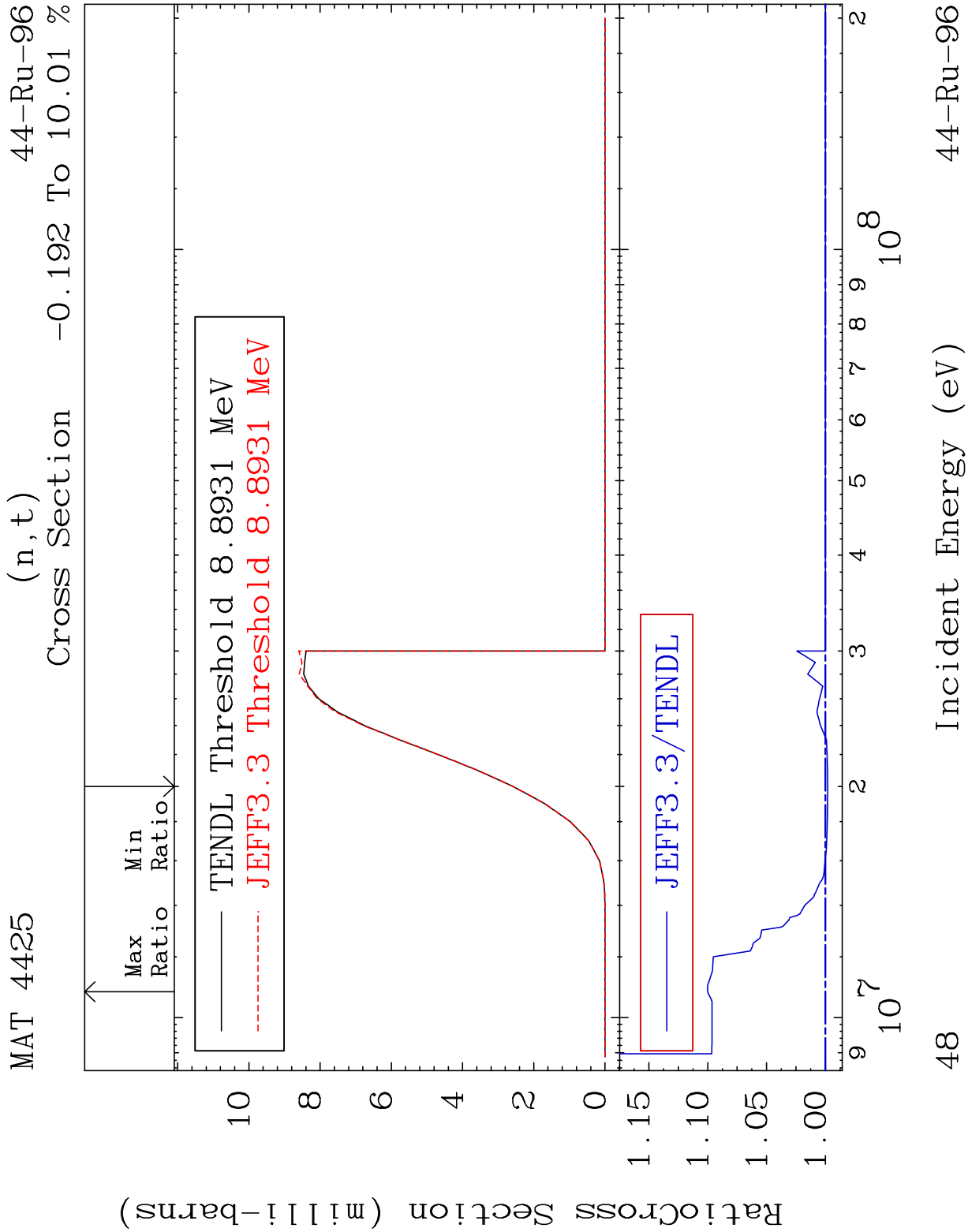


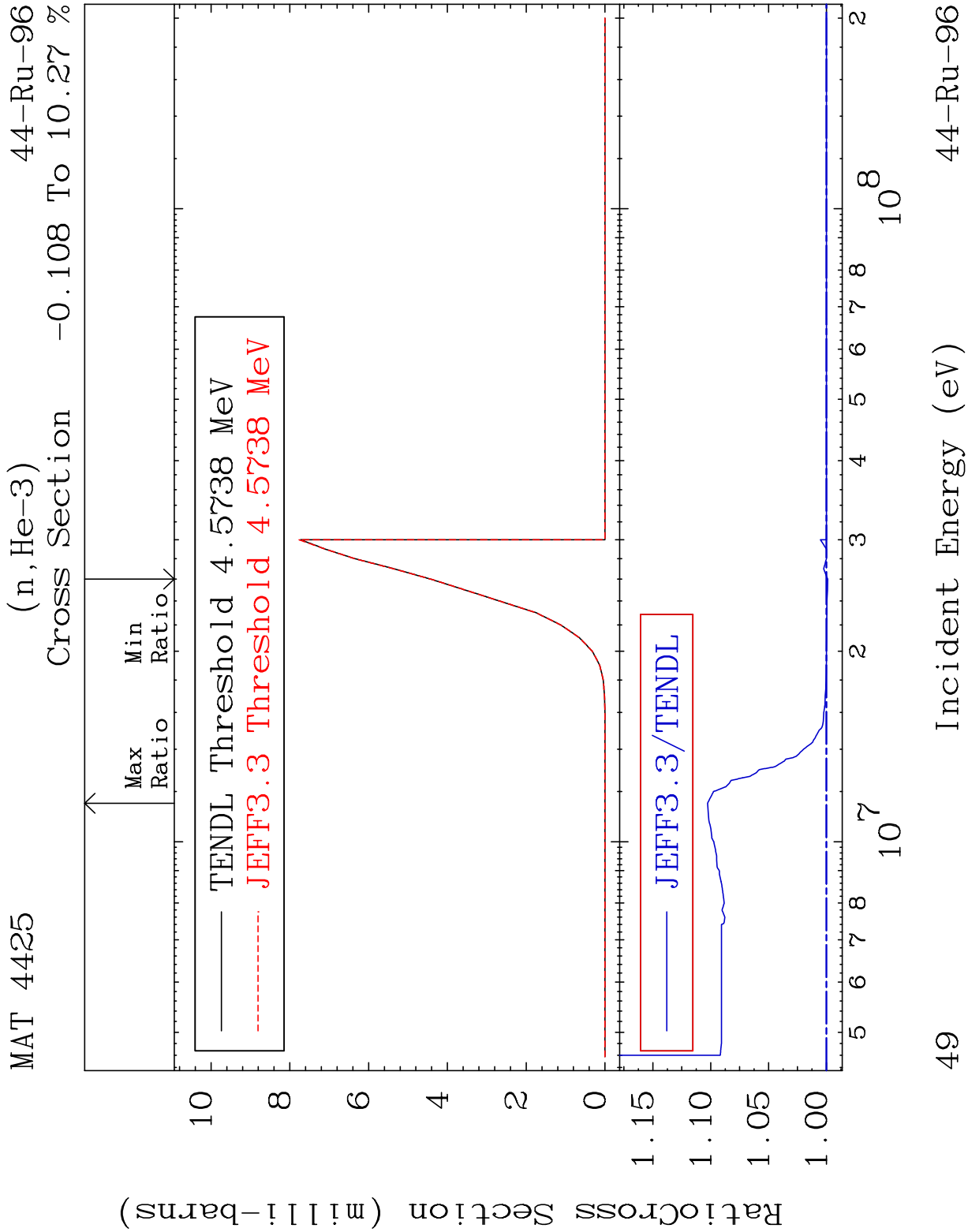


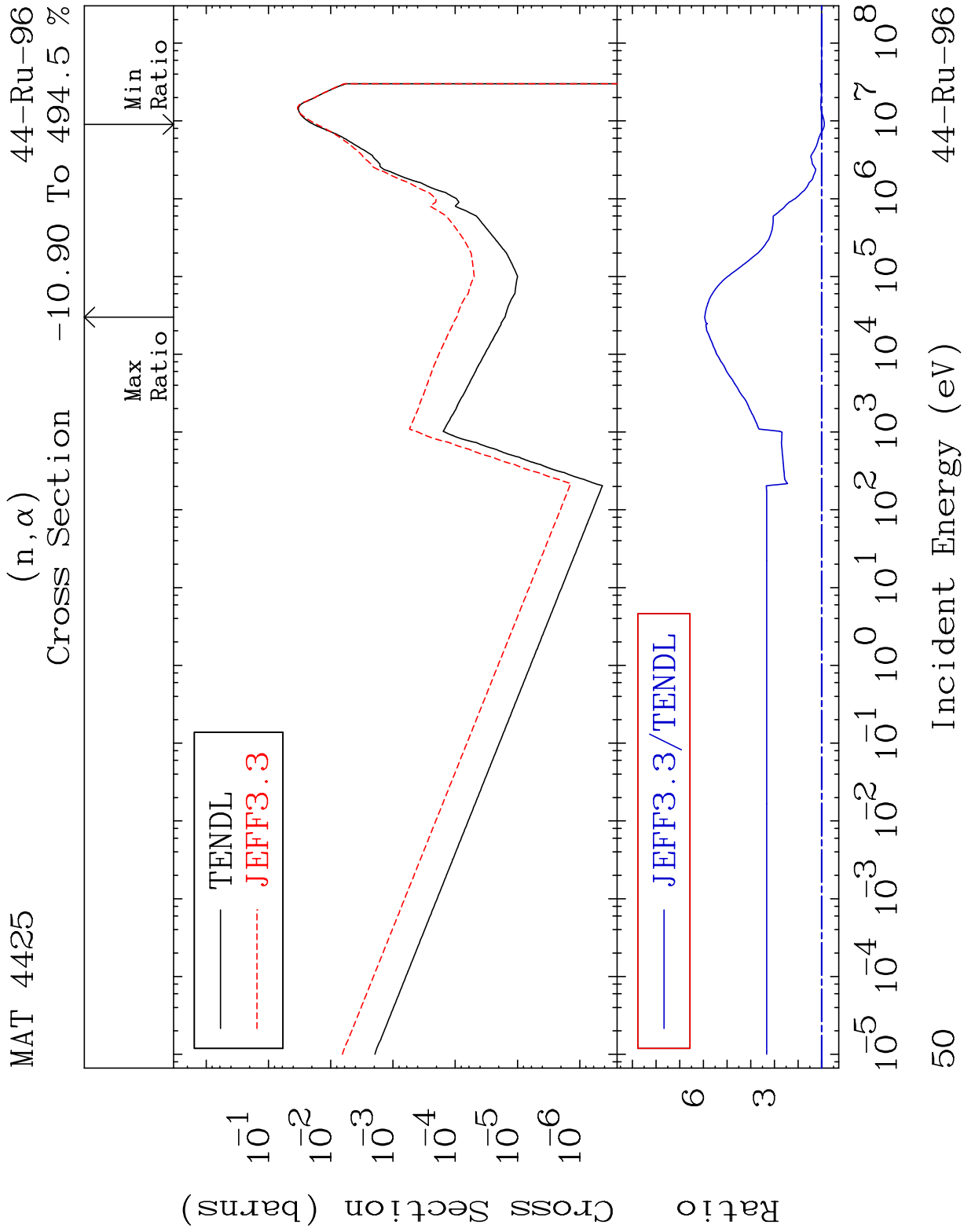


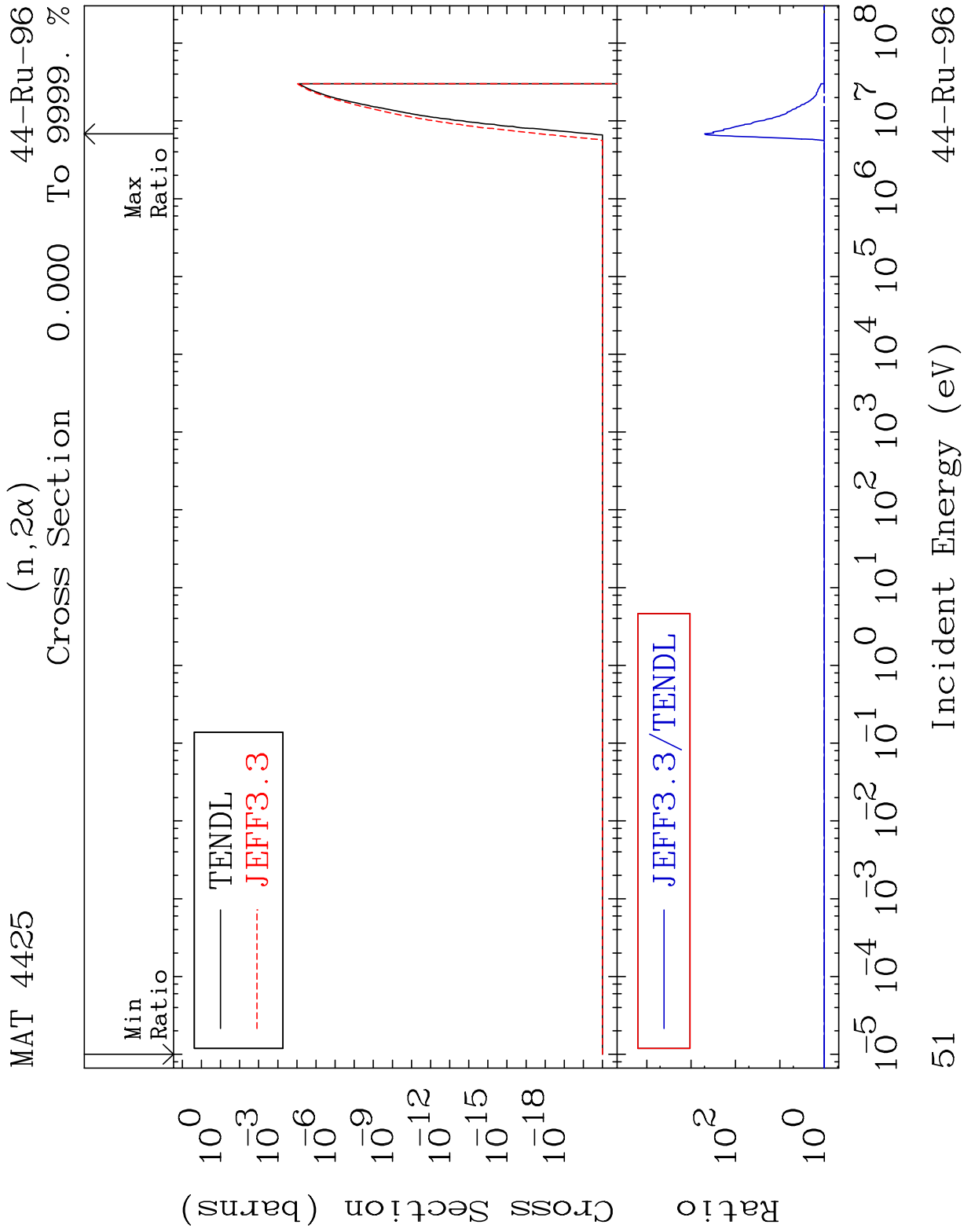


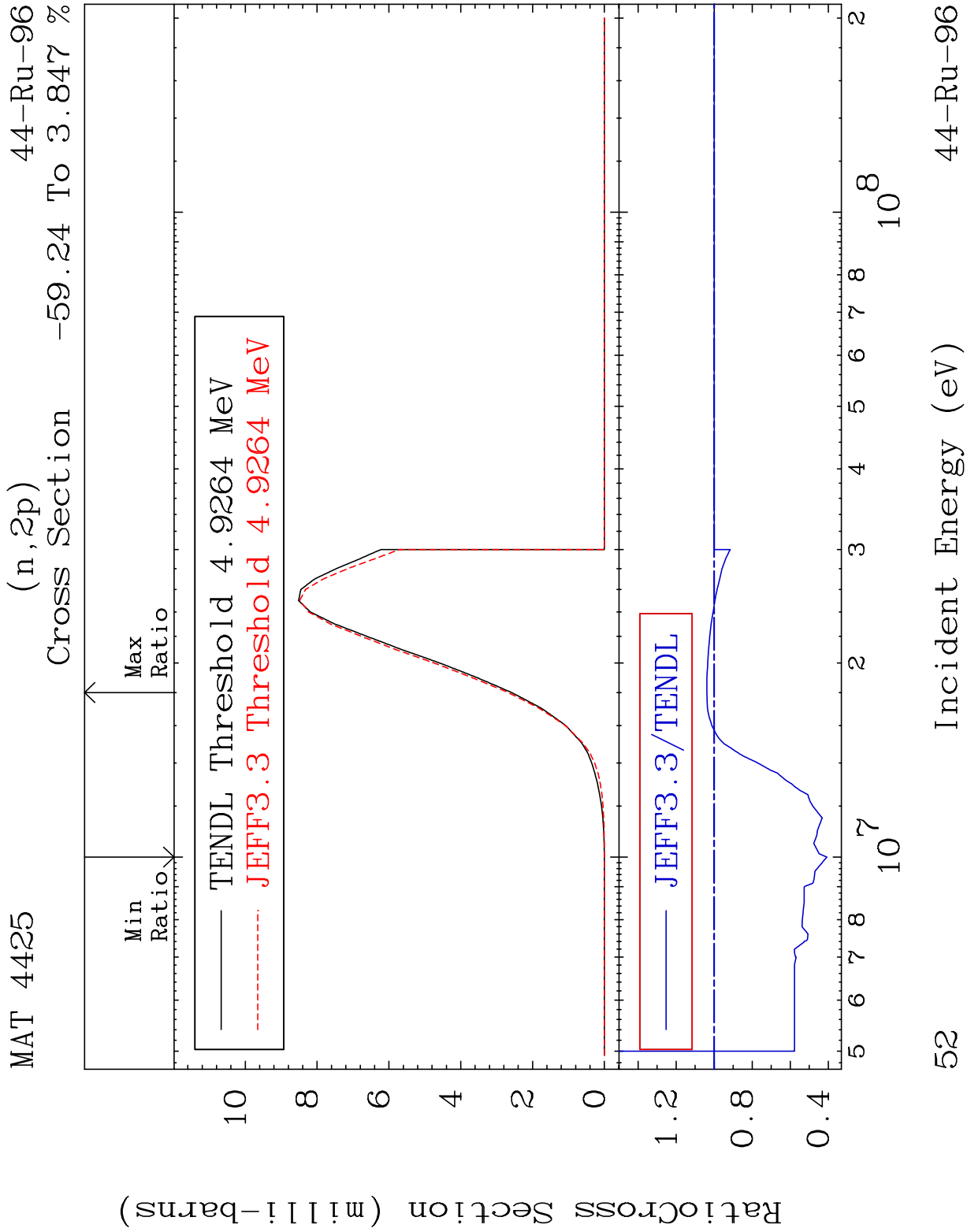


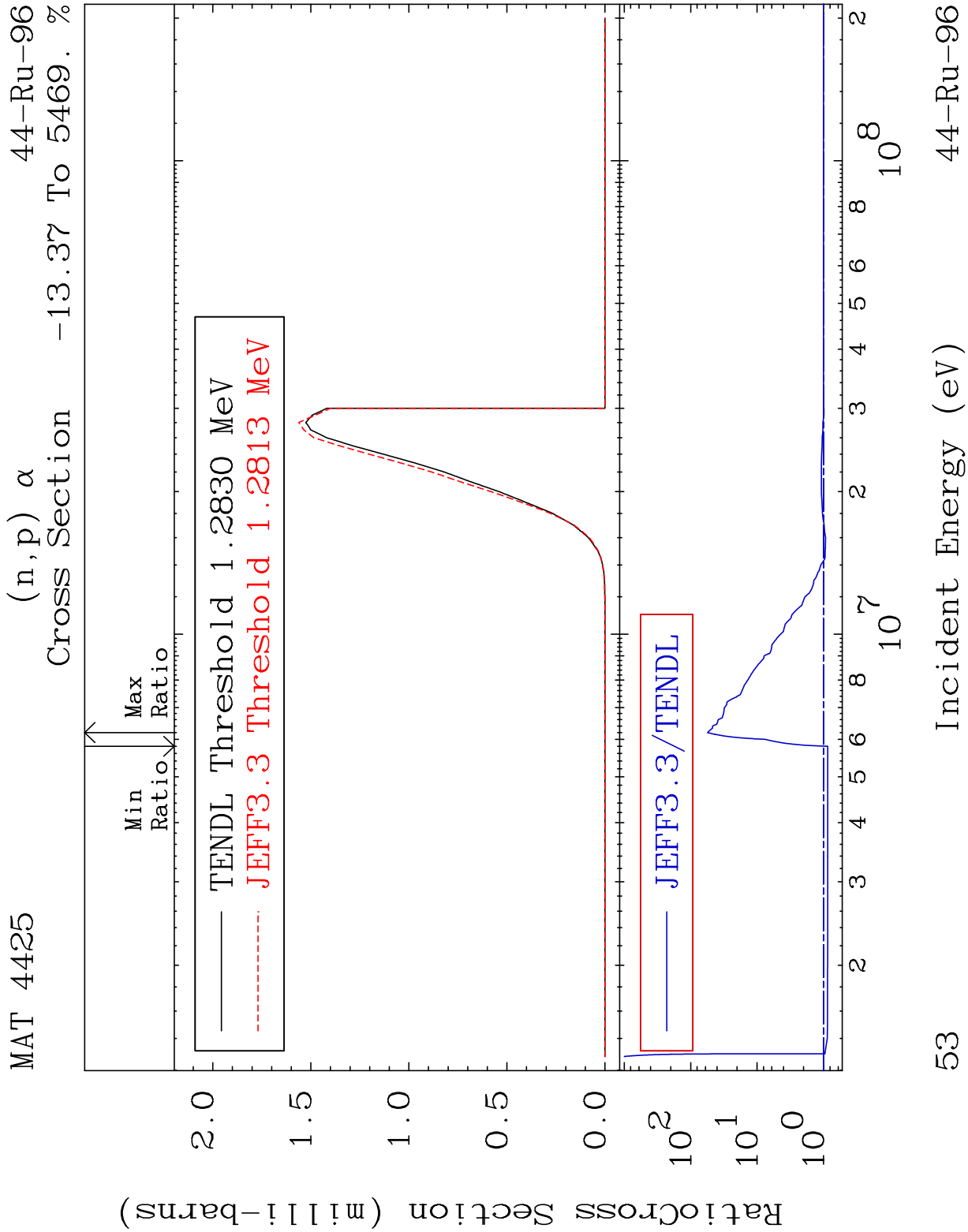


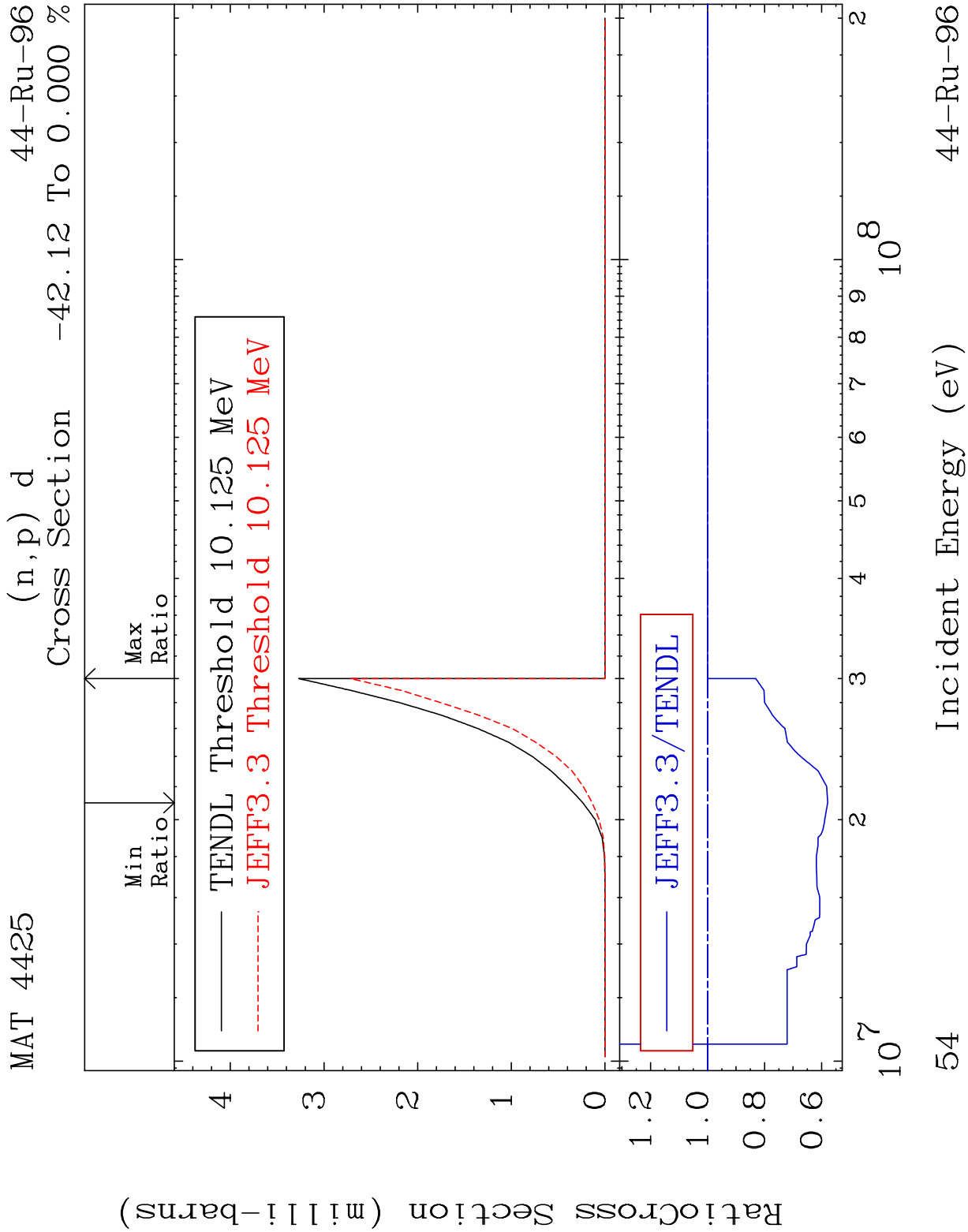


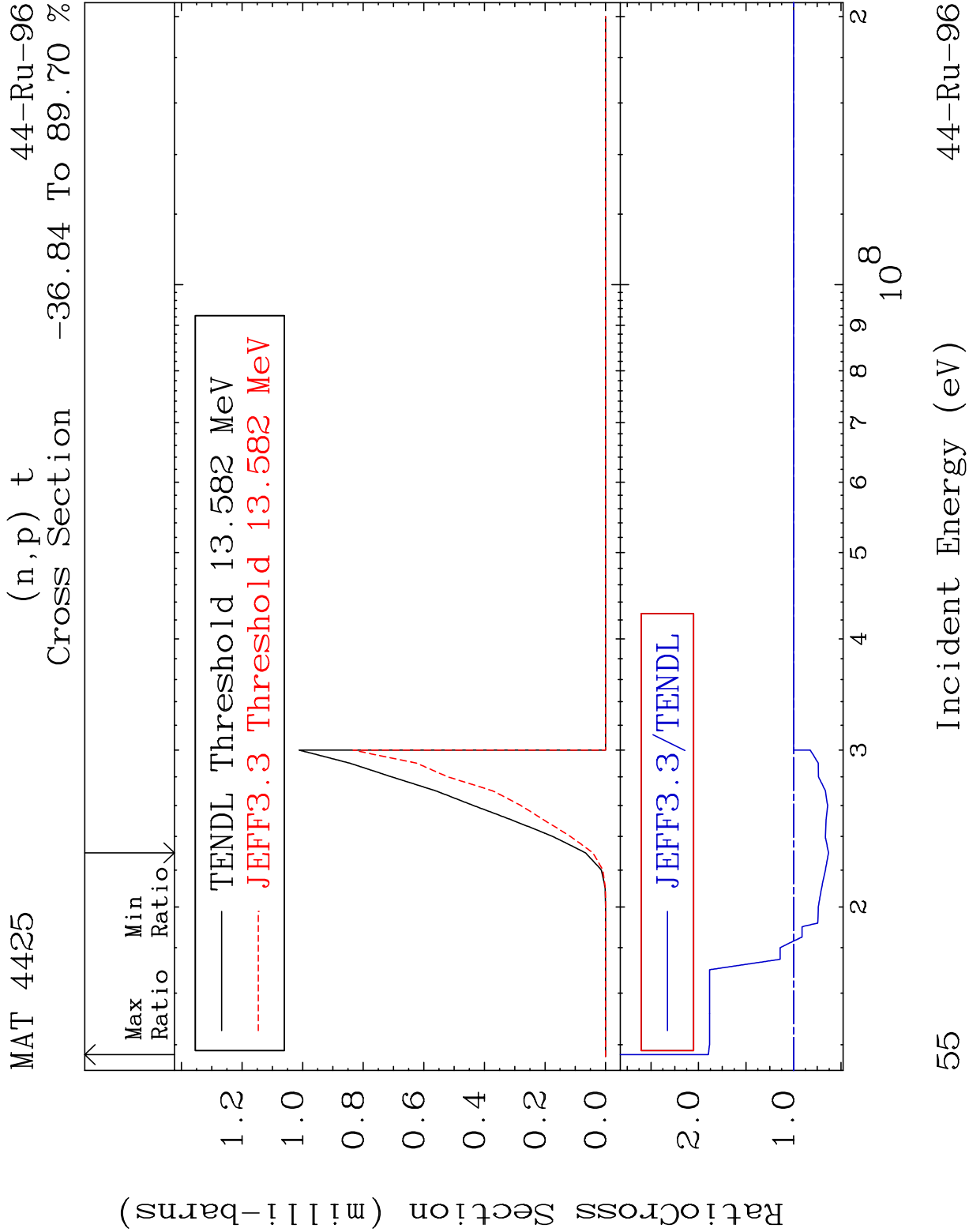


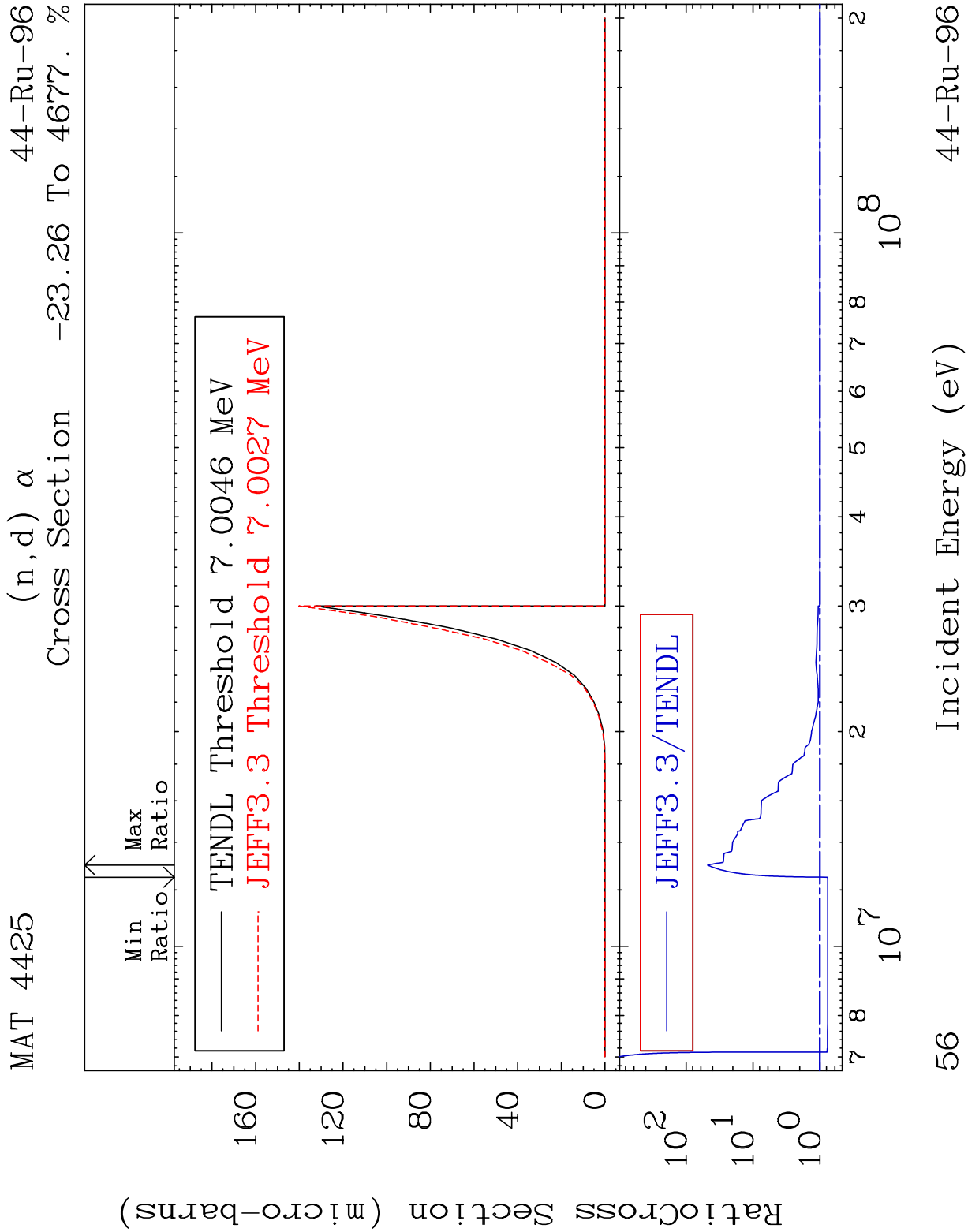


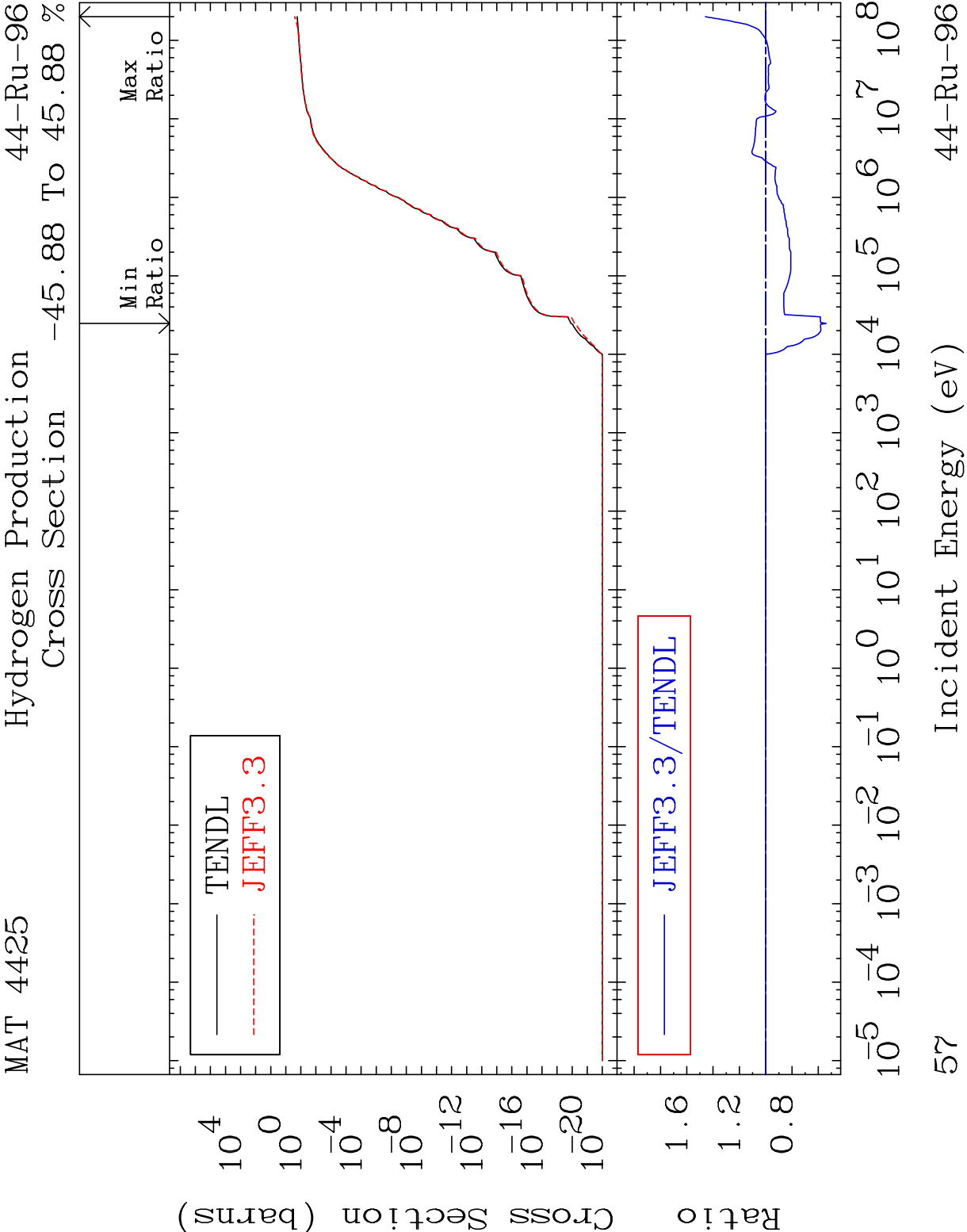


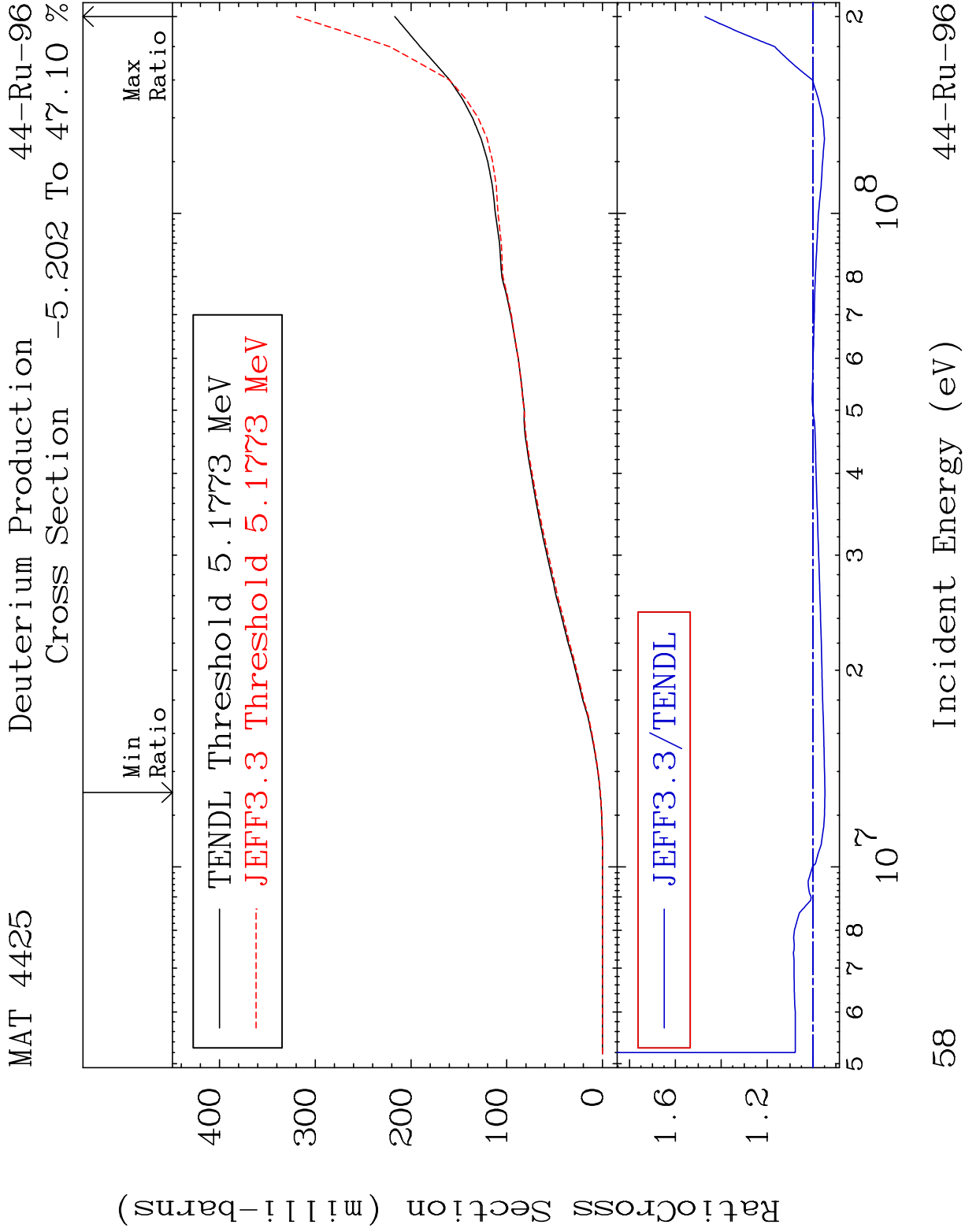


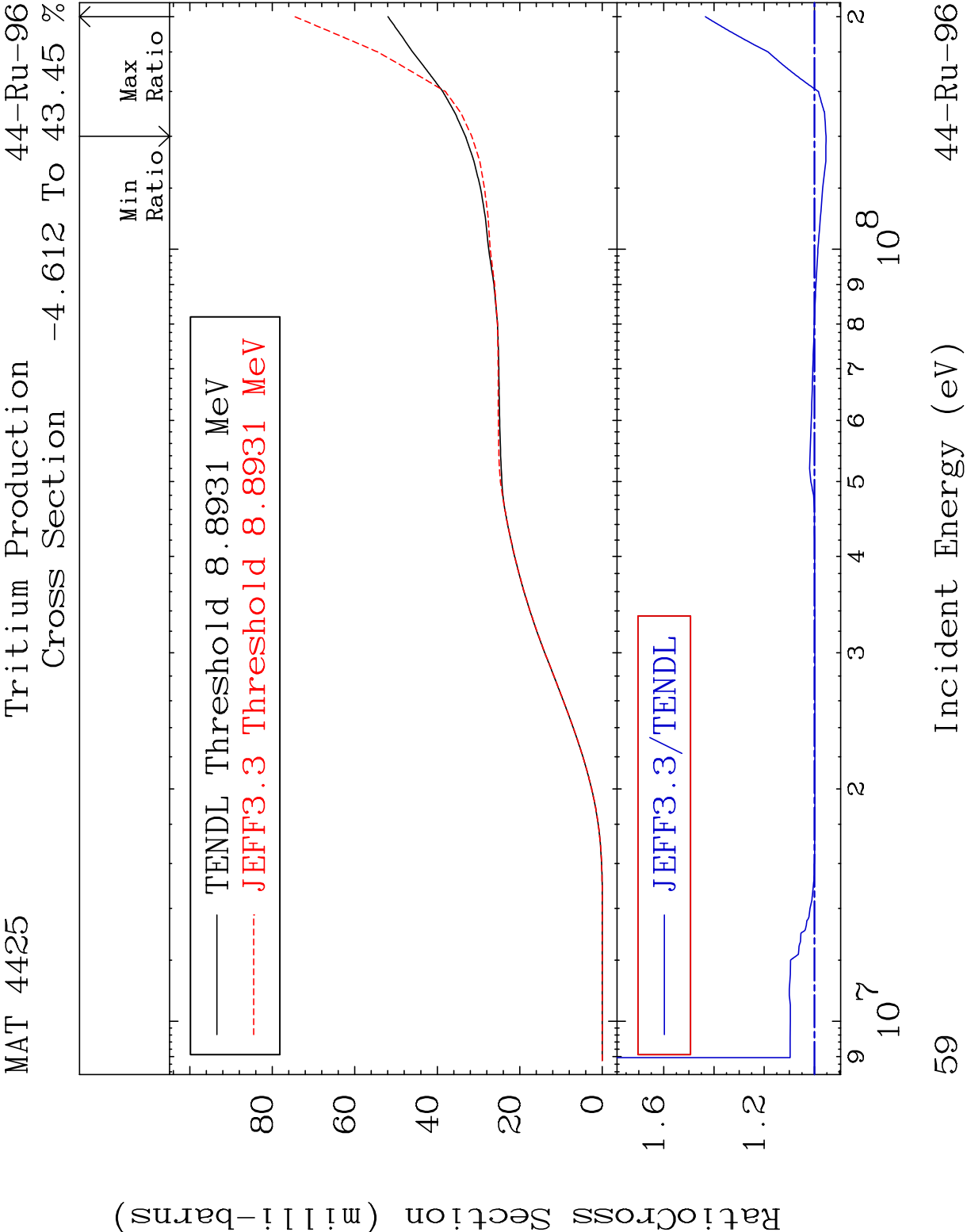


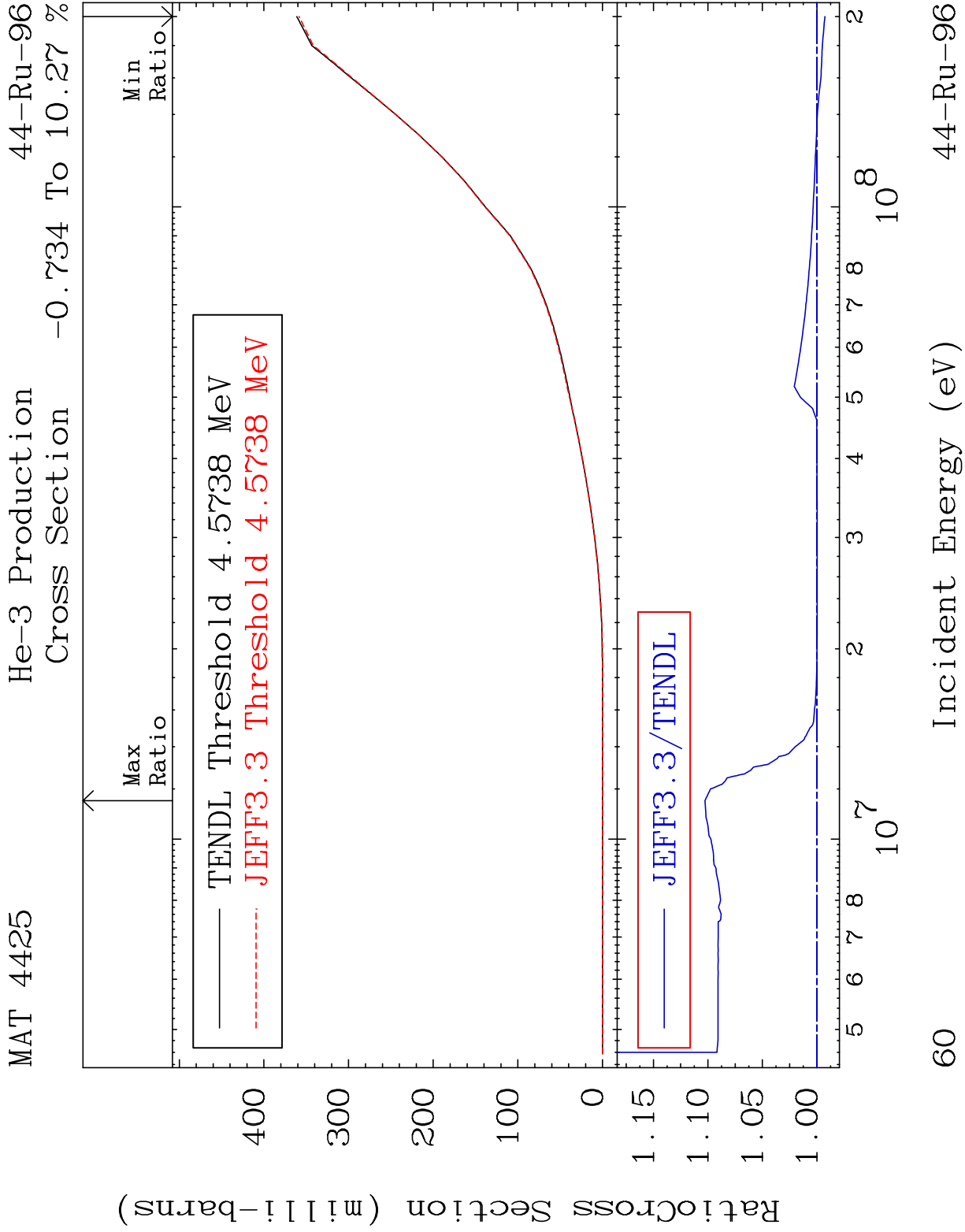


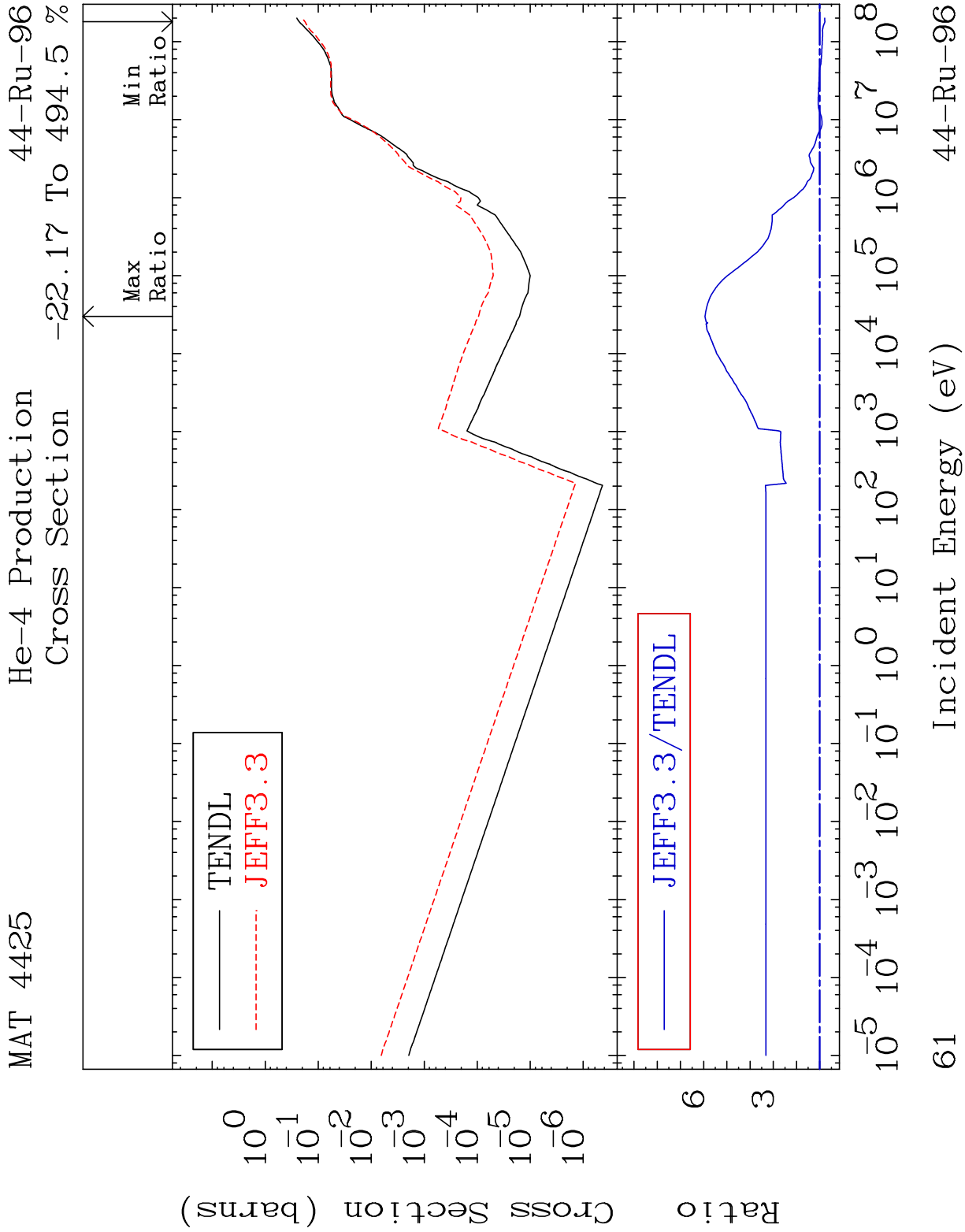


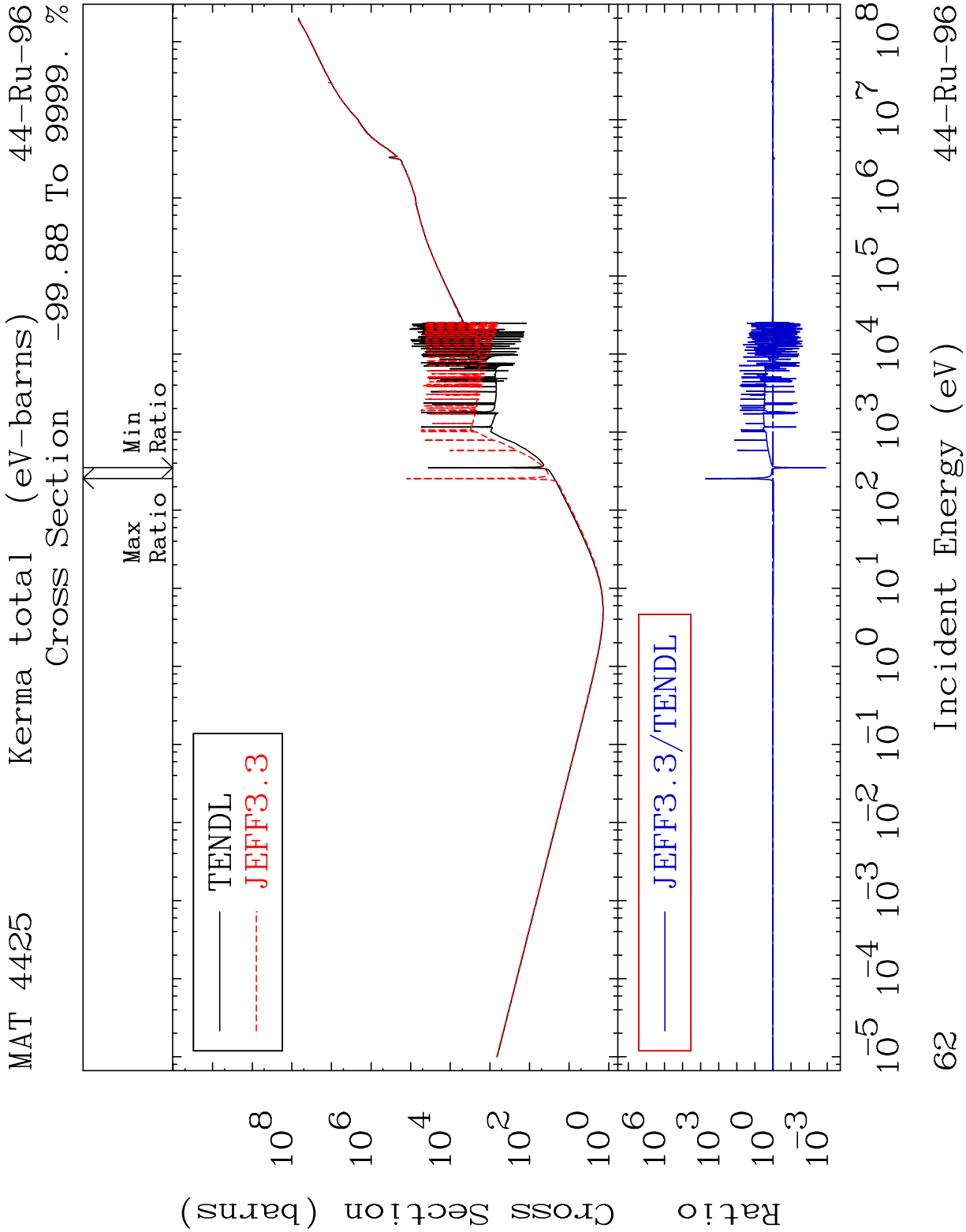


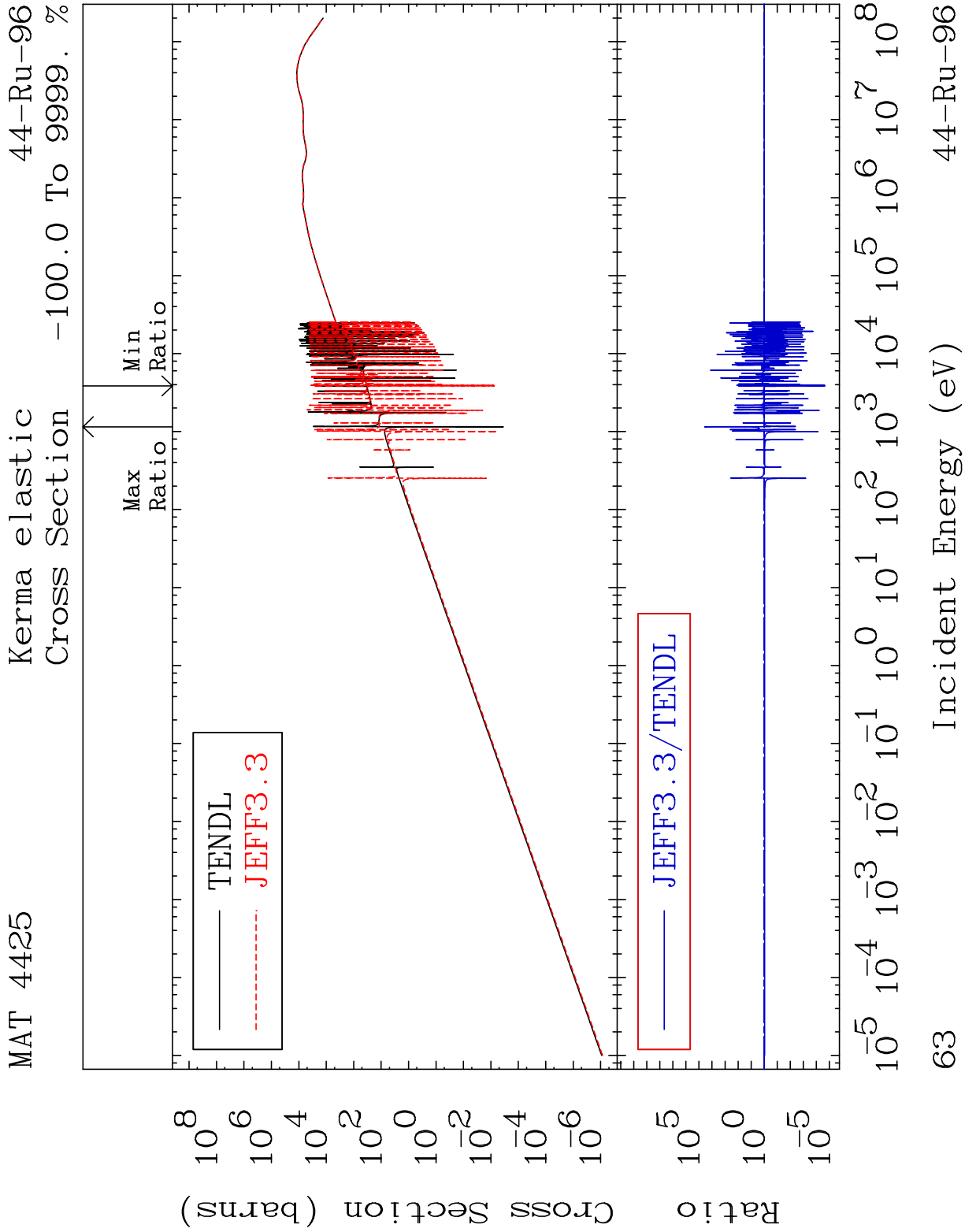


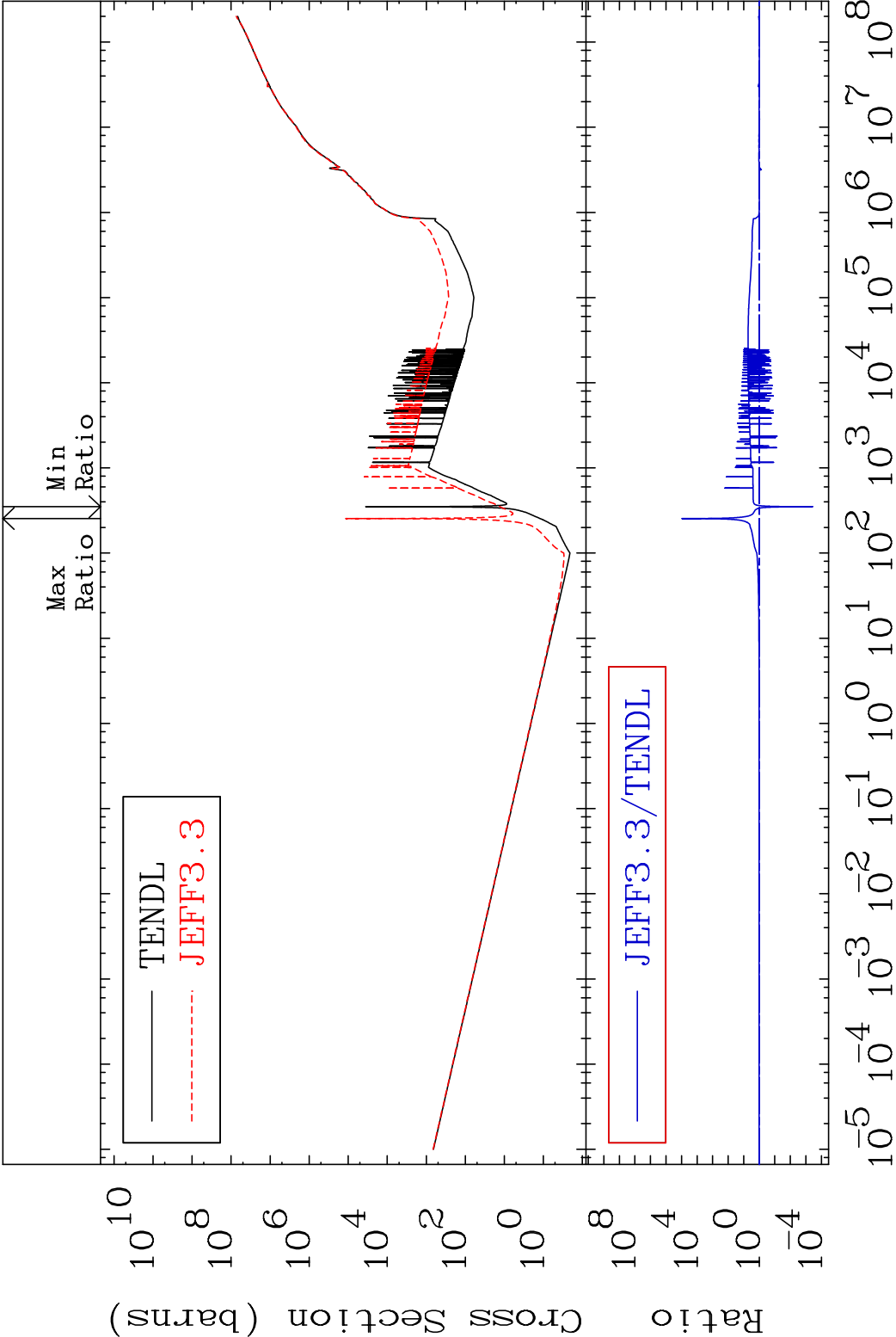


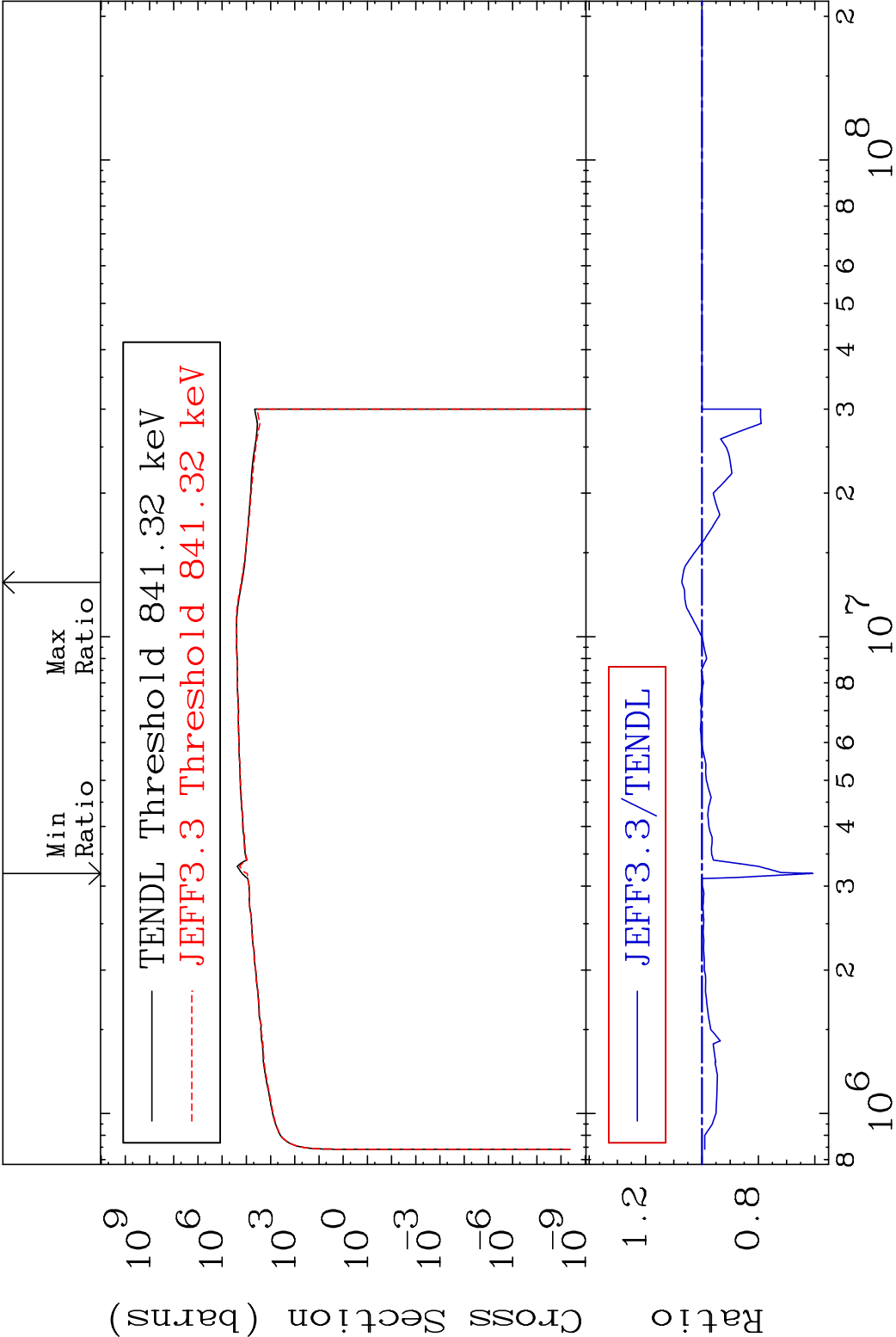




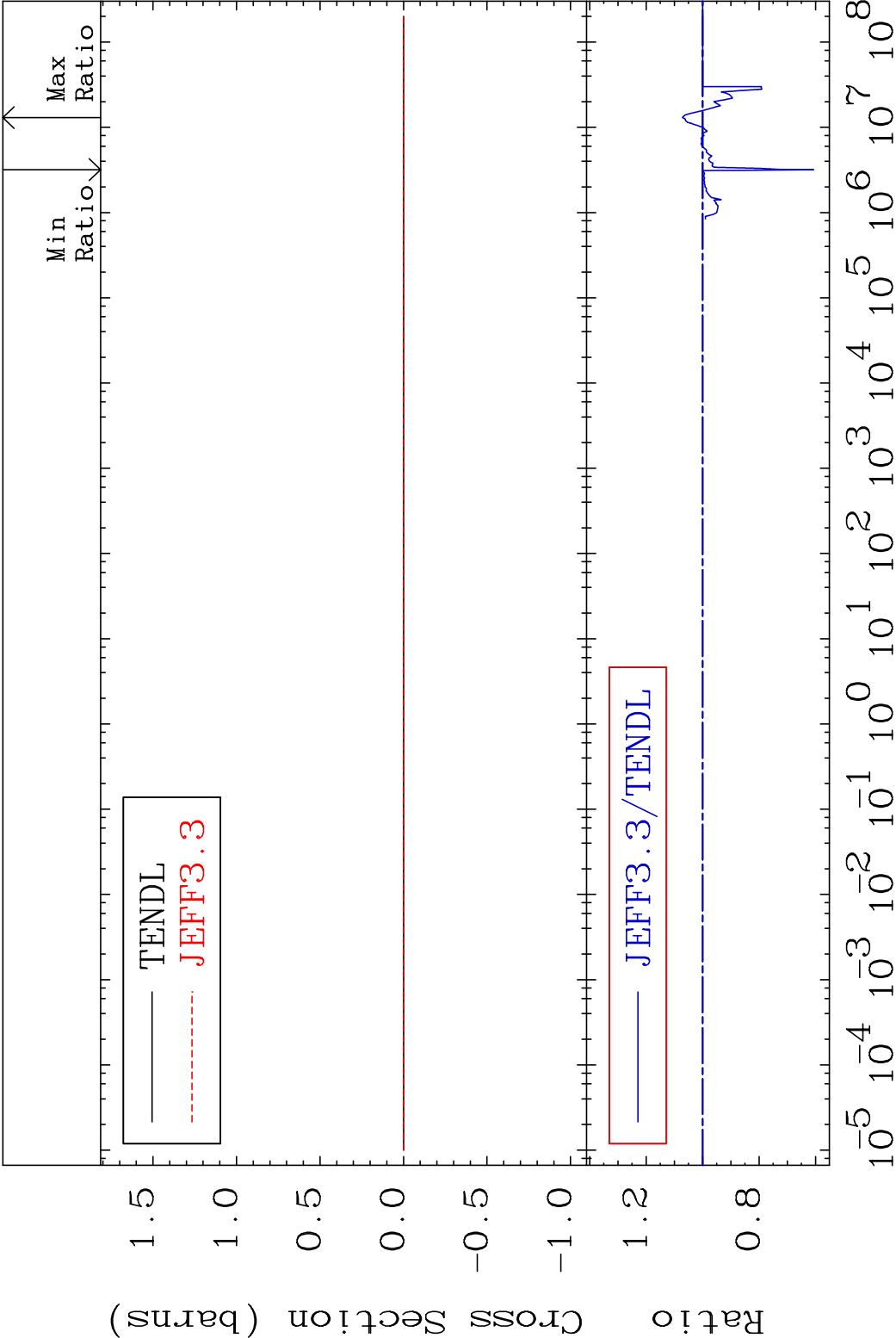




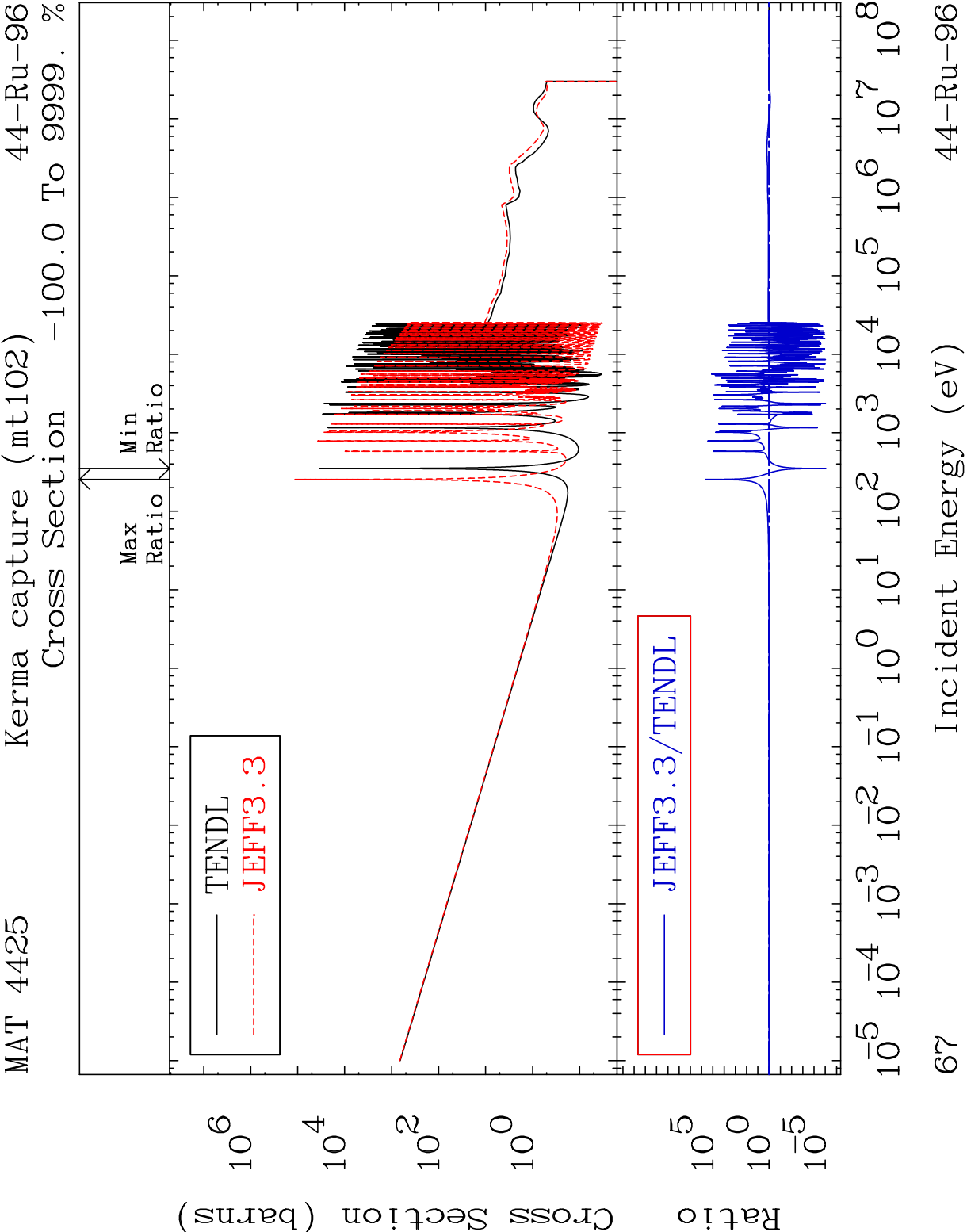


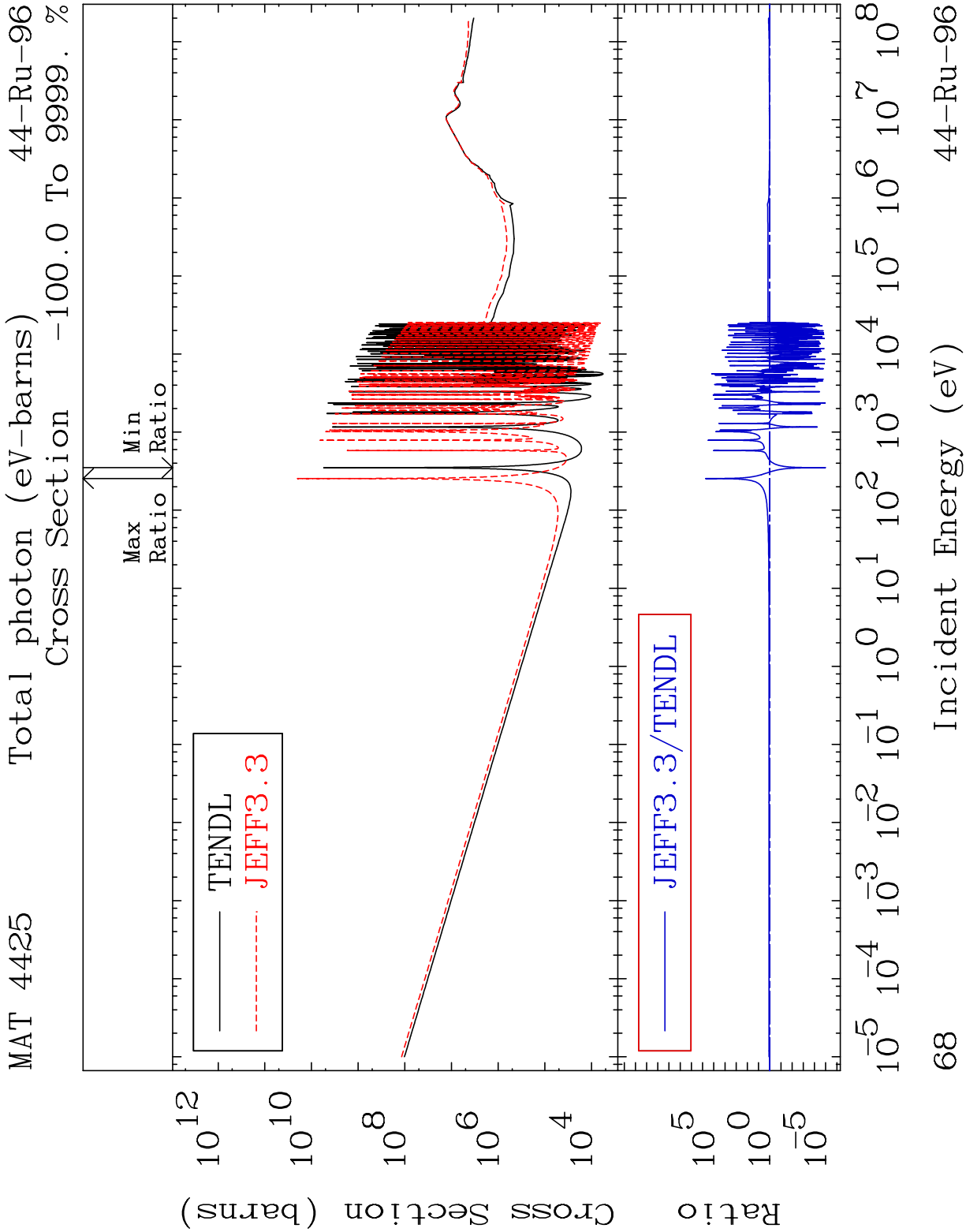


MAT 4425Kerma fission (mt18 or mt19-20-21-38) 44-Ru-96
Cross Section -39.28 To 7.148 %

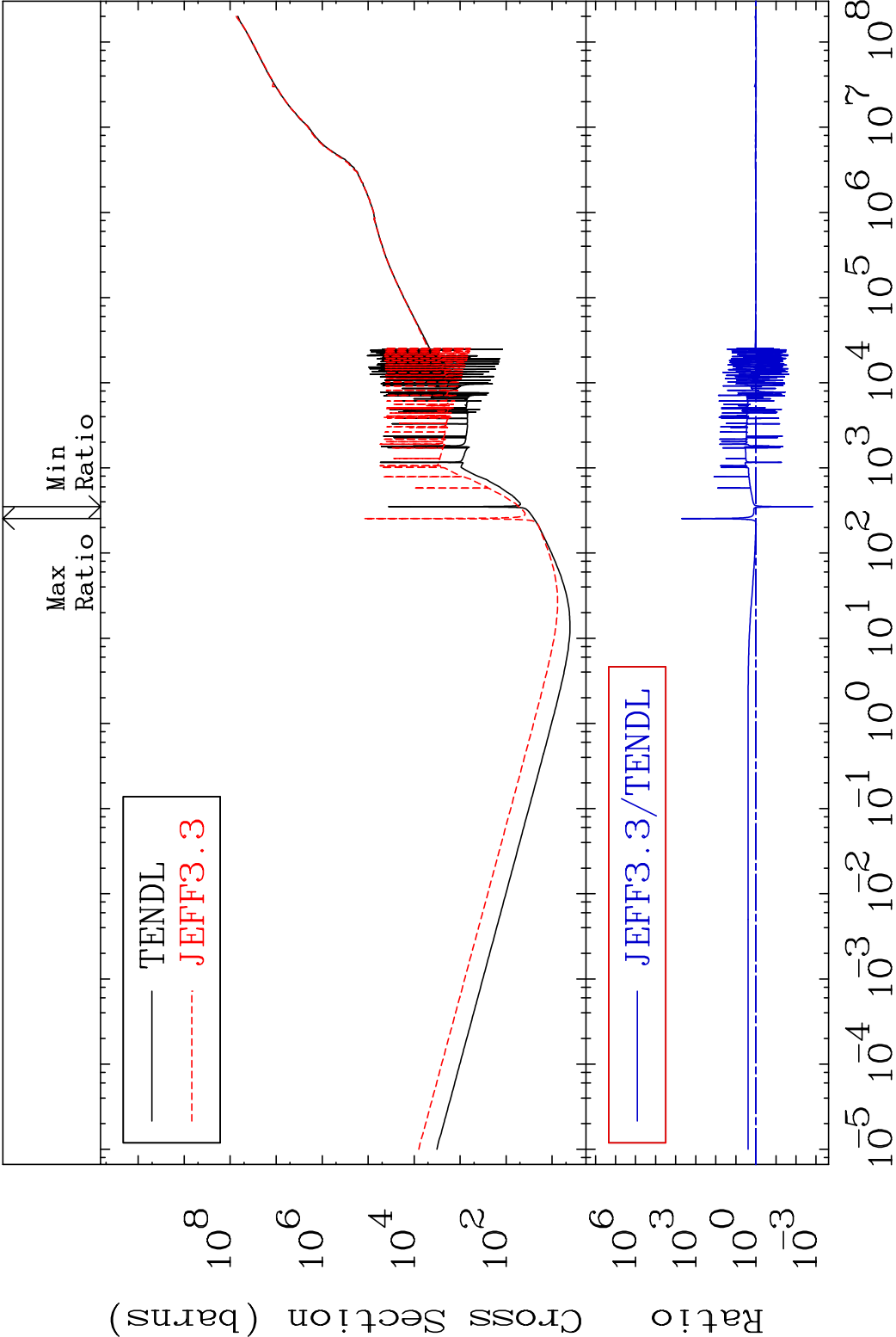


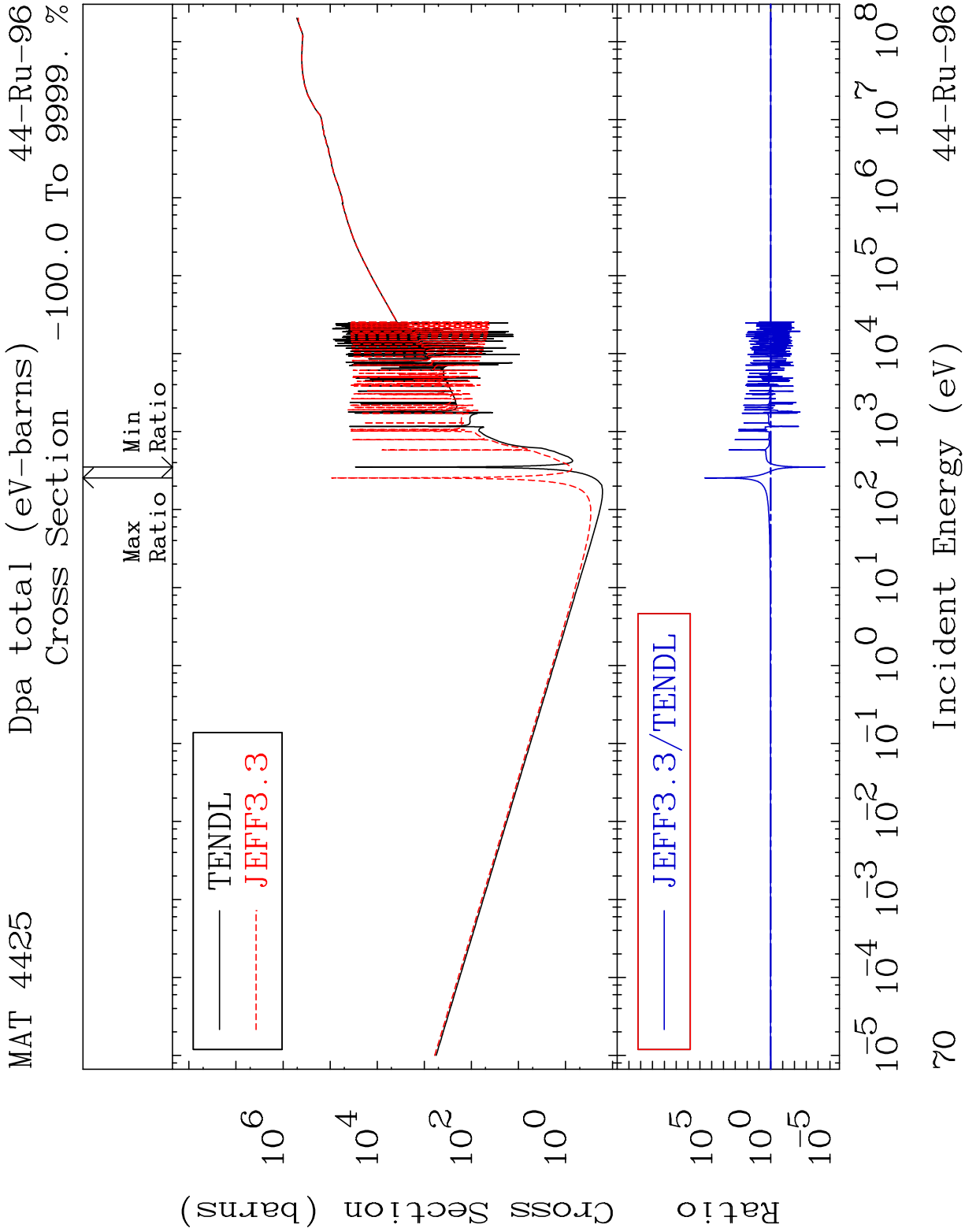
66 Incident Energy (eV) 44-Ru-96

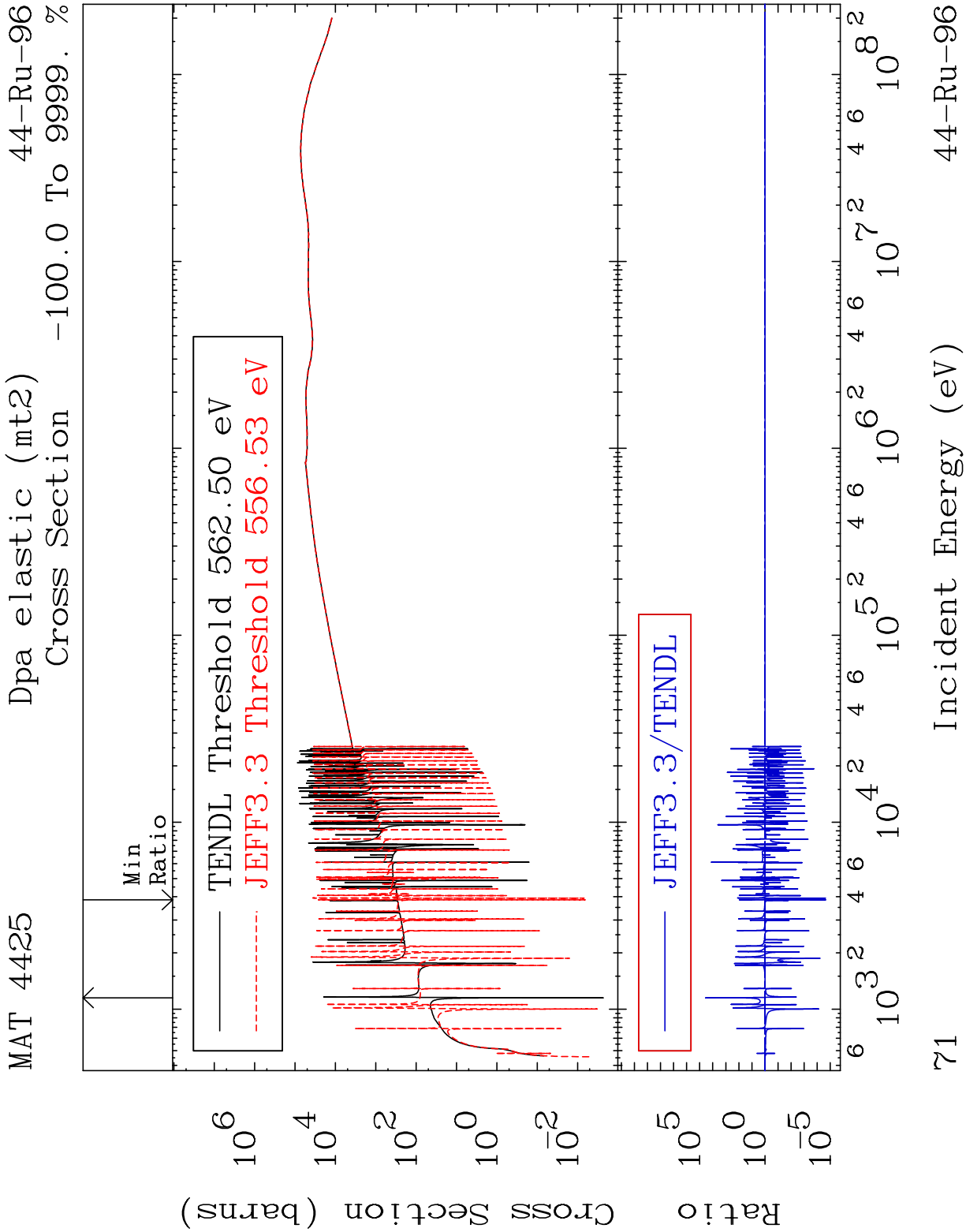




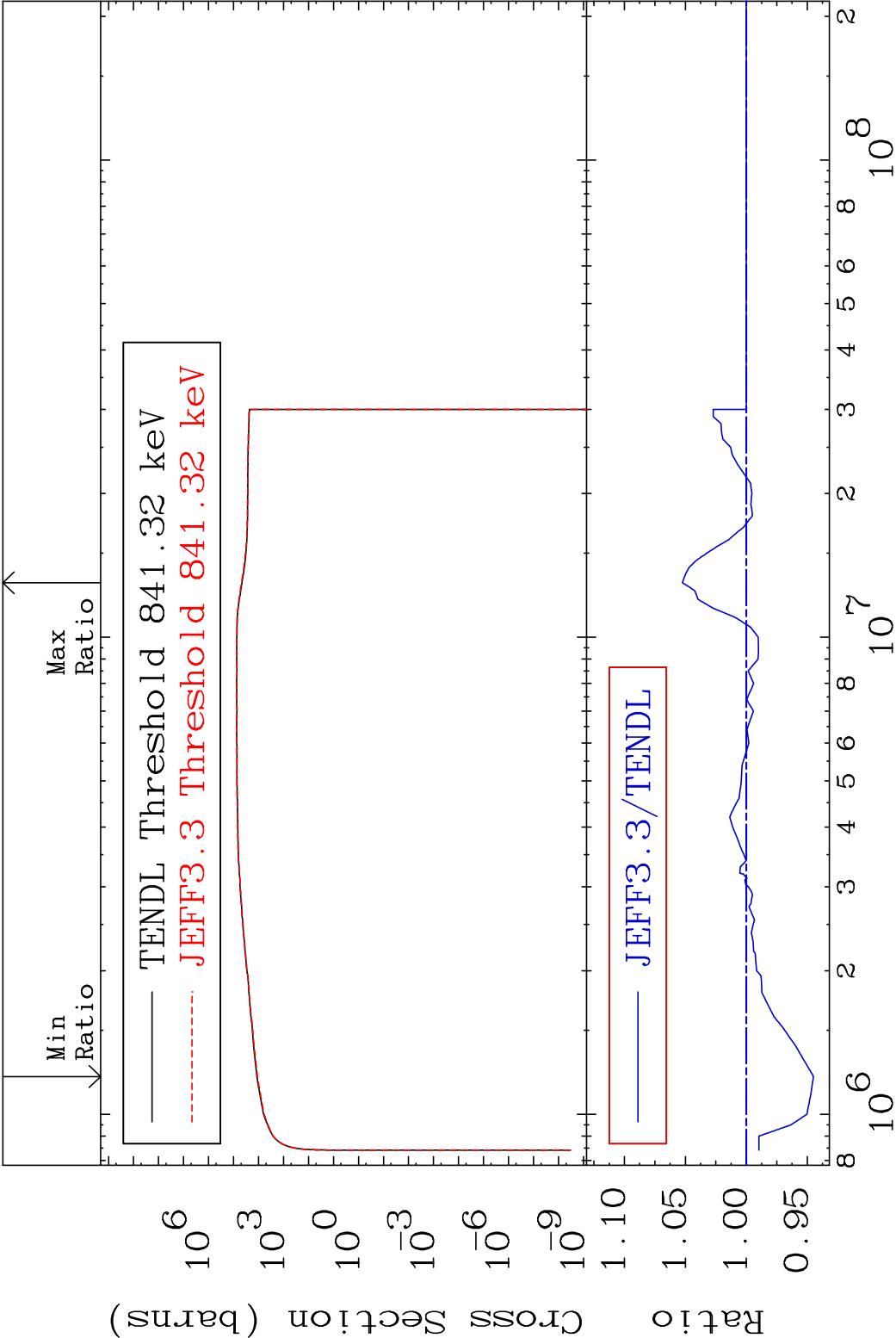
MAT 4425 Total kinematic kerma (high limit) 44-Ru-96
Cross Section -99.85 To 9999. %





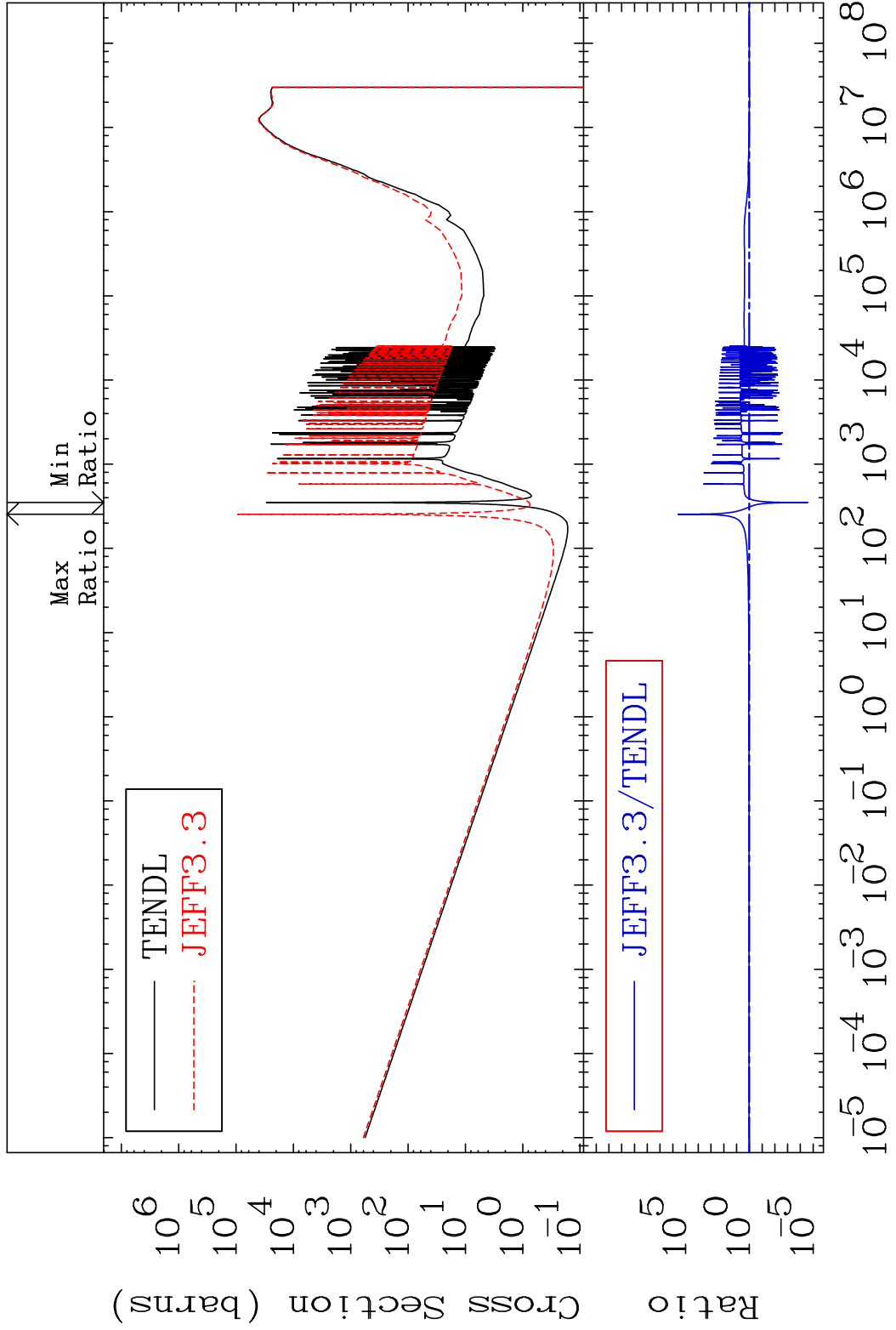


MAT 4425 Dpa inelastic (mt51-91) 44-Ru-96
Cross Section -5.508 To 5.240 %

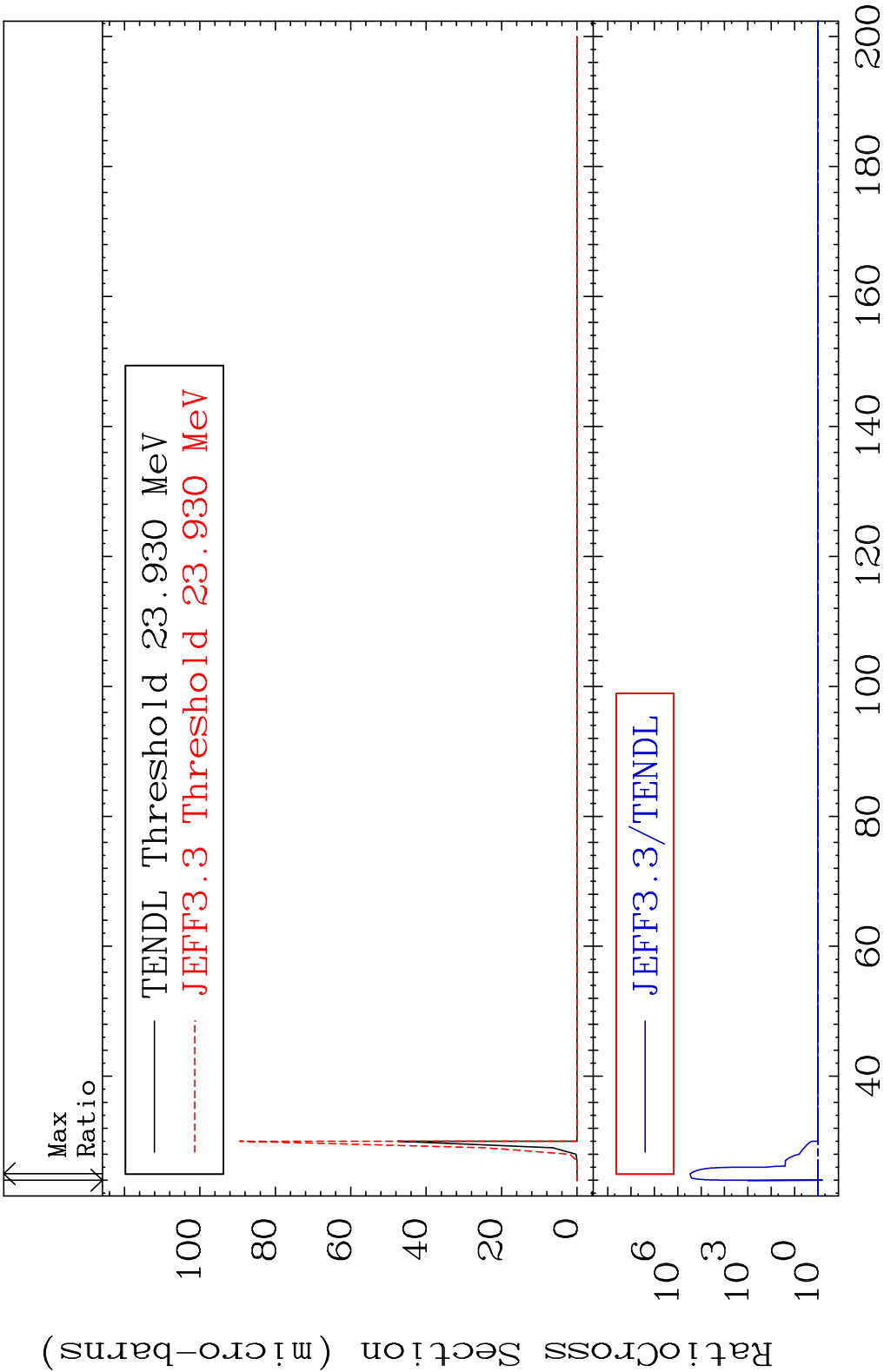


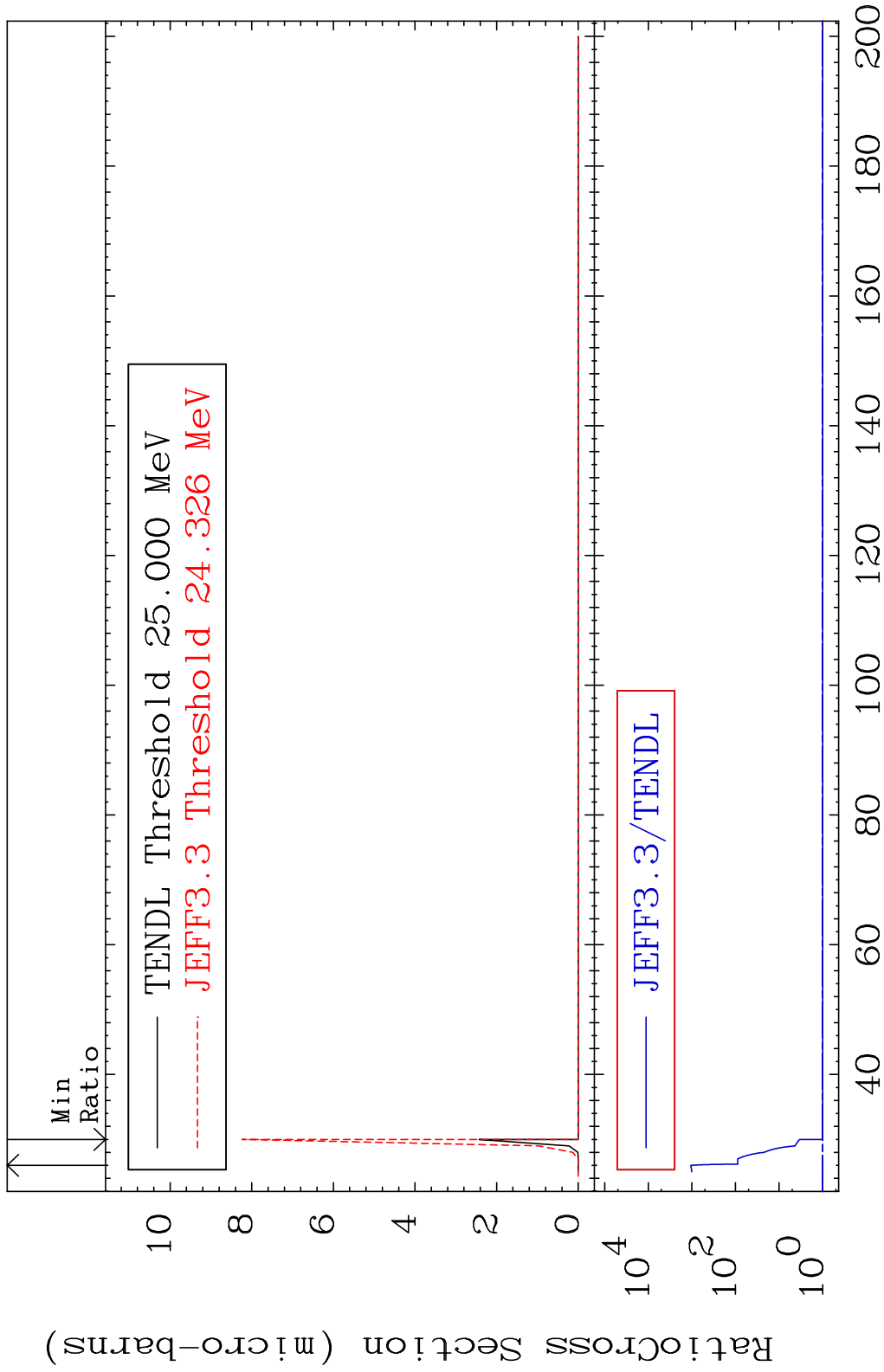
72 Incident Energy (eV) 44-Ru-96

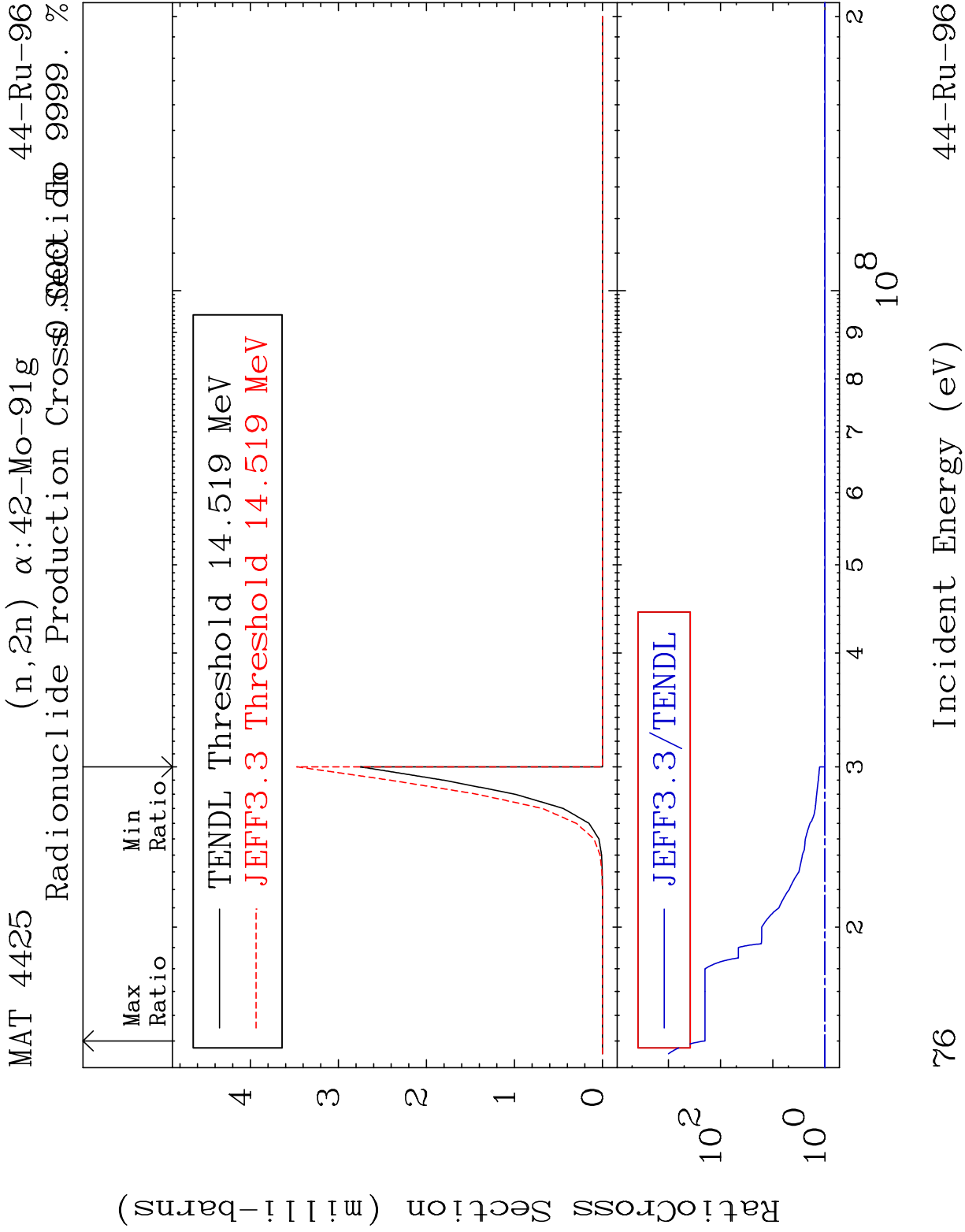
MAT 4425 Dpa disappearance (mt102 -120) 44-Ru-96
Cross Section -100.0 To 9999. %



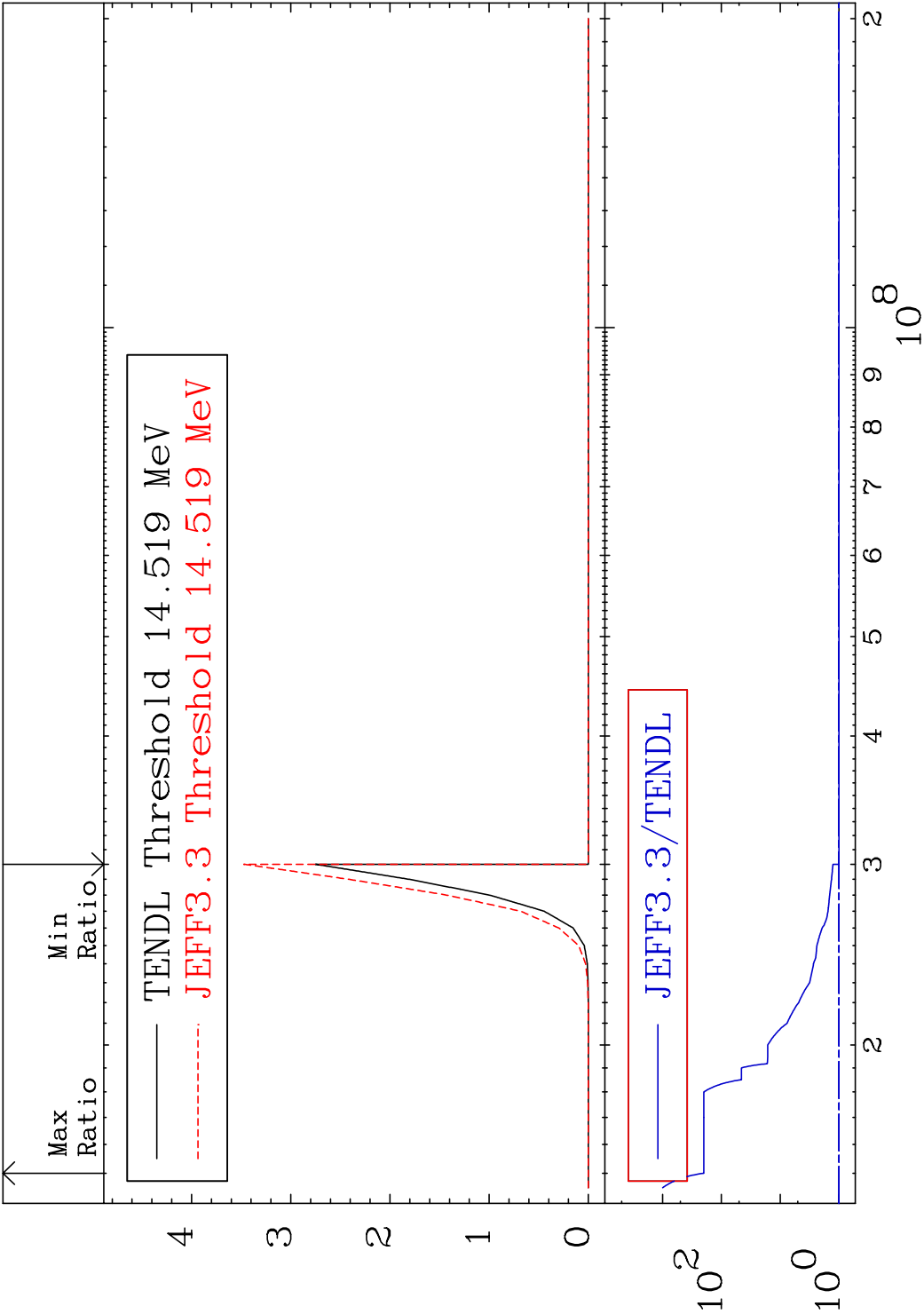
73 Incident Energy (eV) 44-Ru-96

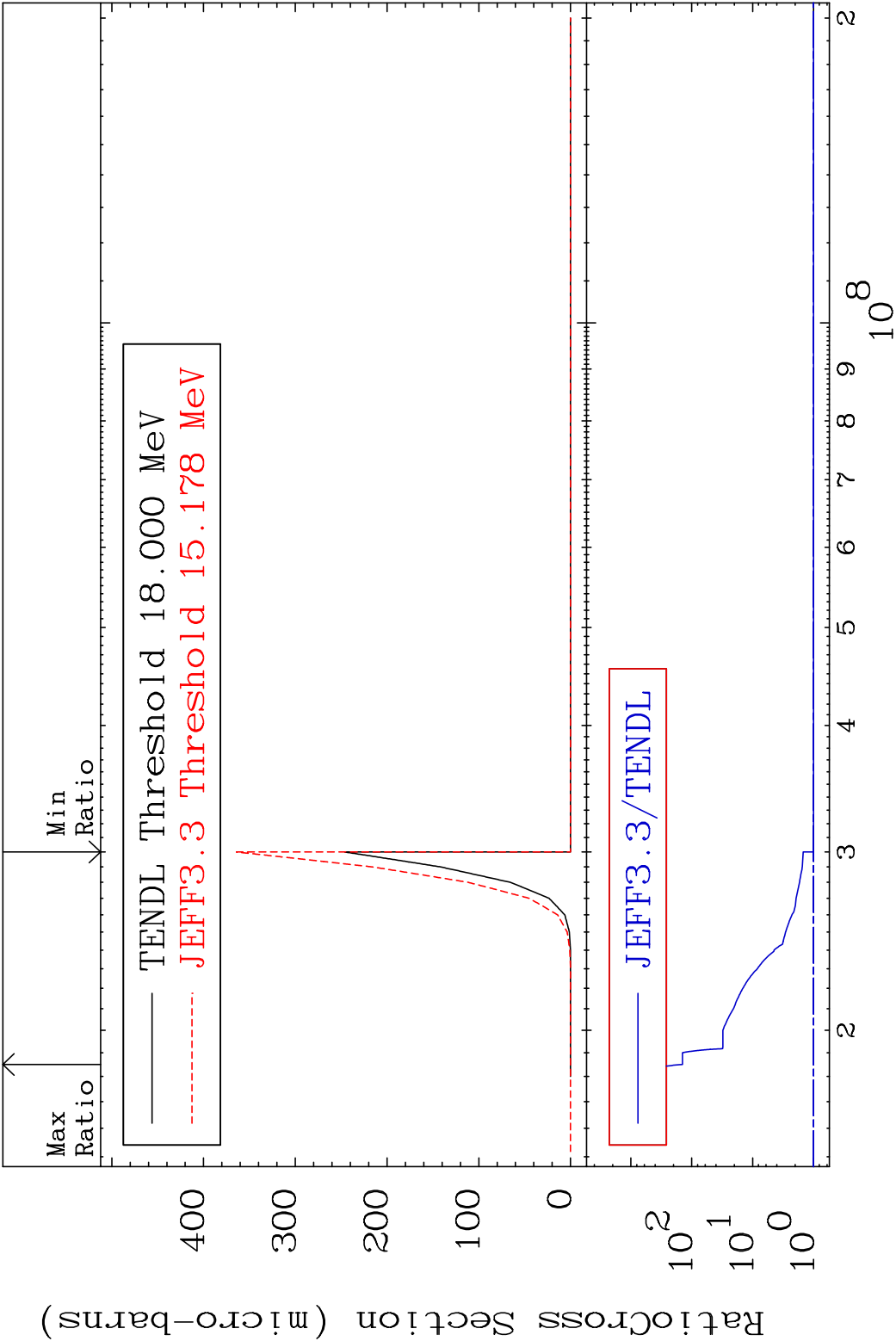


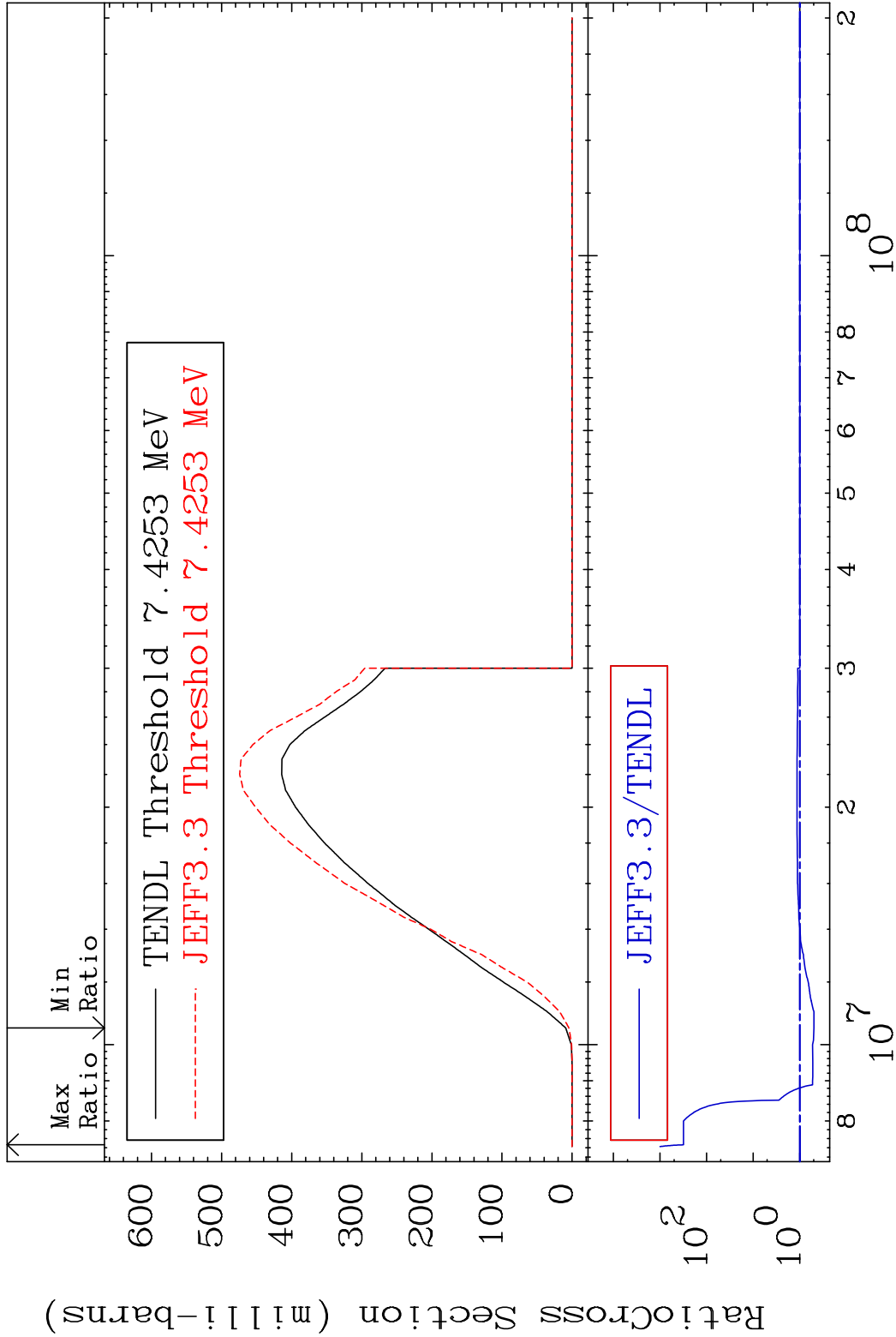




RatioCross Section (milli-barns)

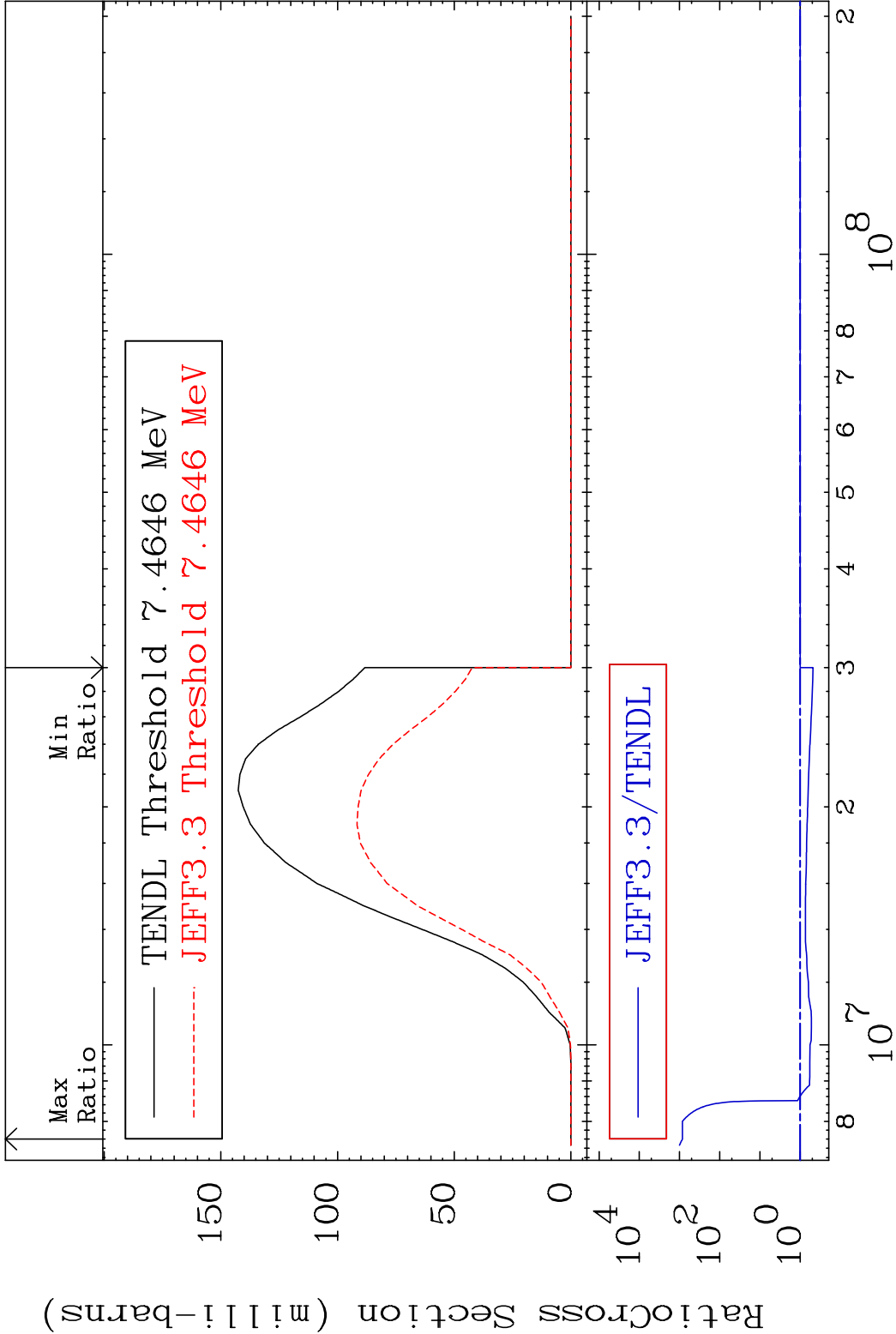




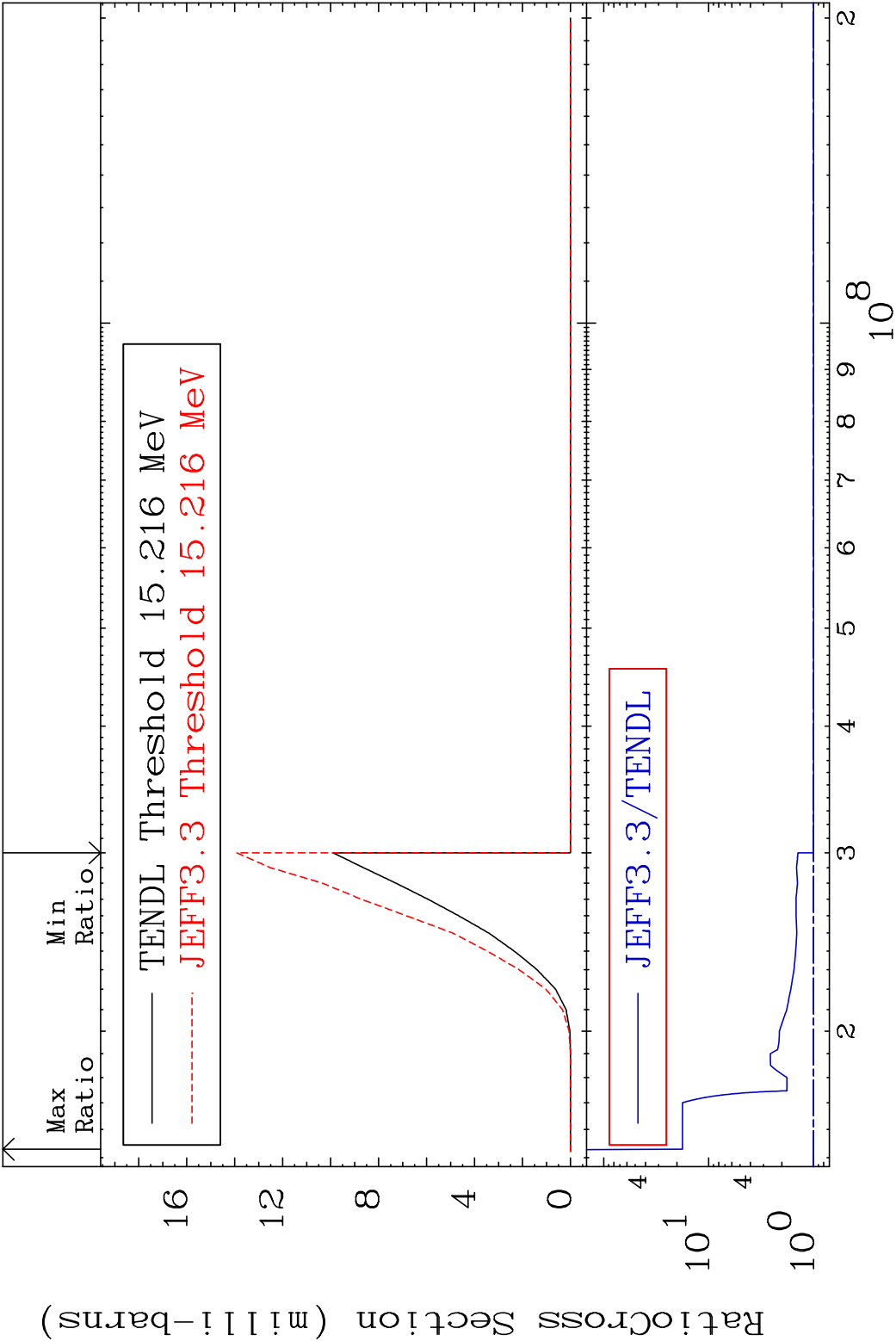


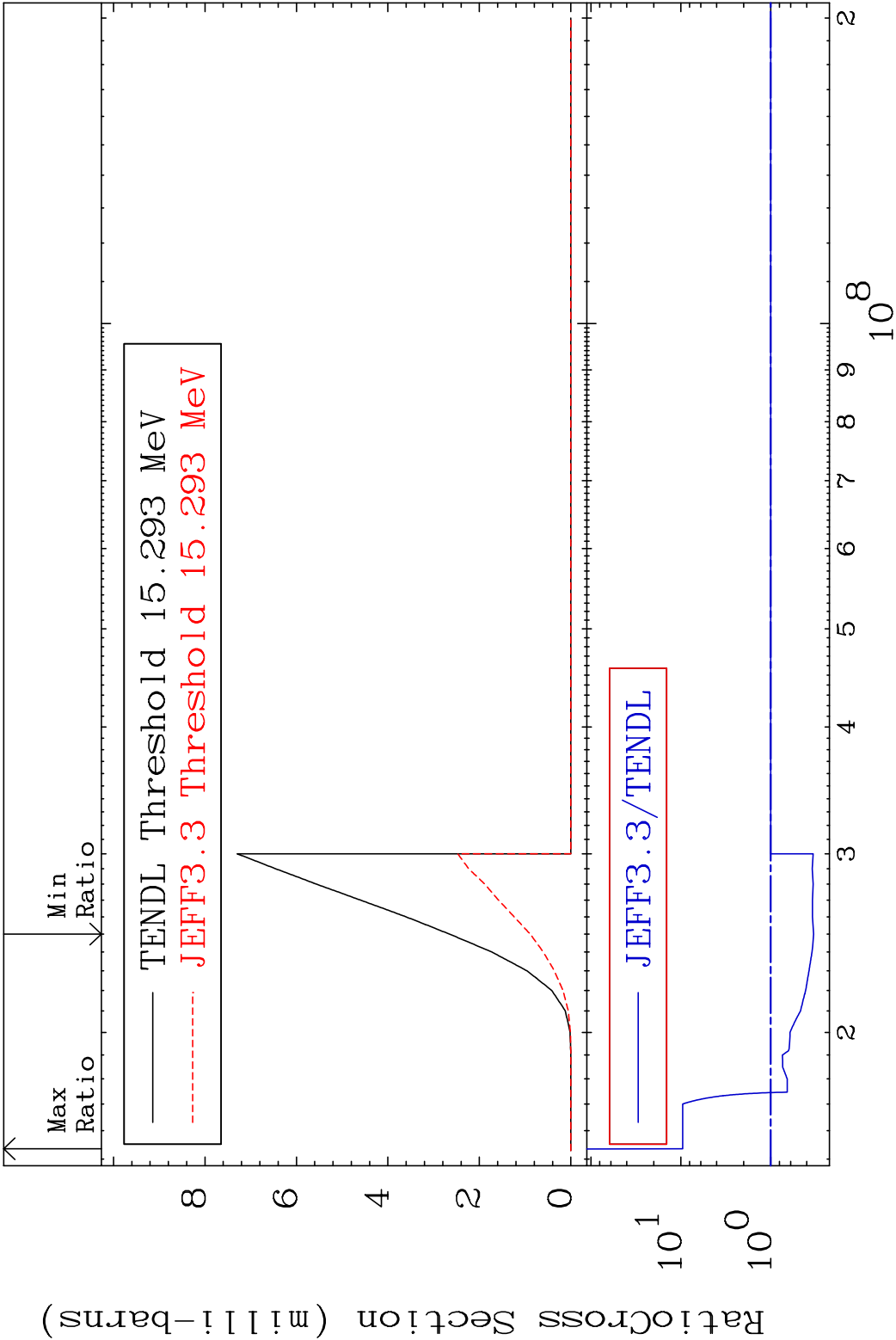
MAT 4425 (n, n') p:43-Tc-95m1 44-Ru-96

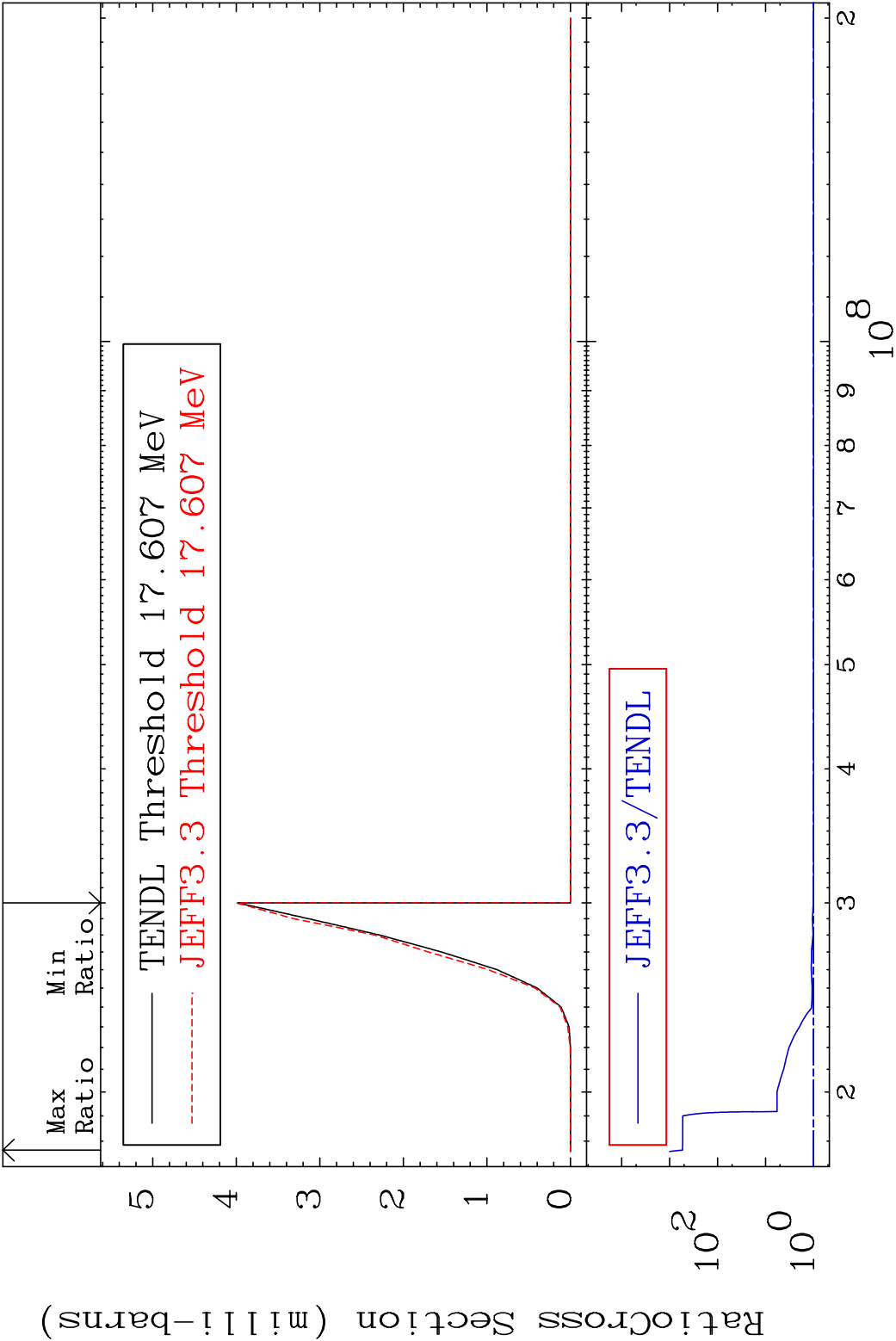
Radionuclide Production Cross Section (%)

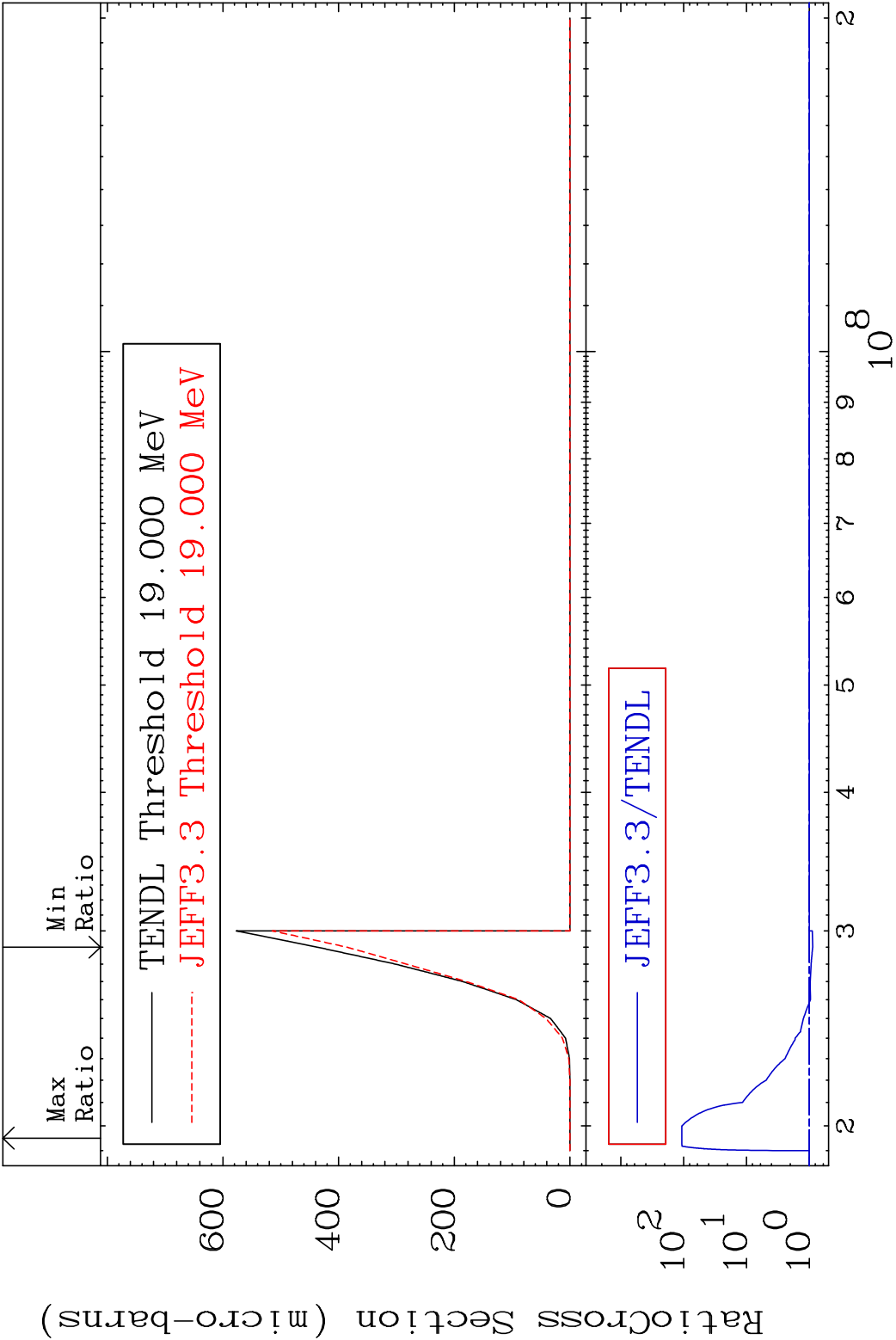


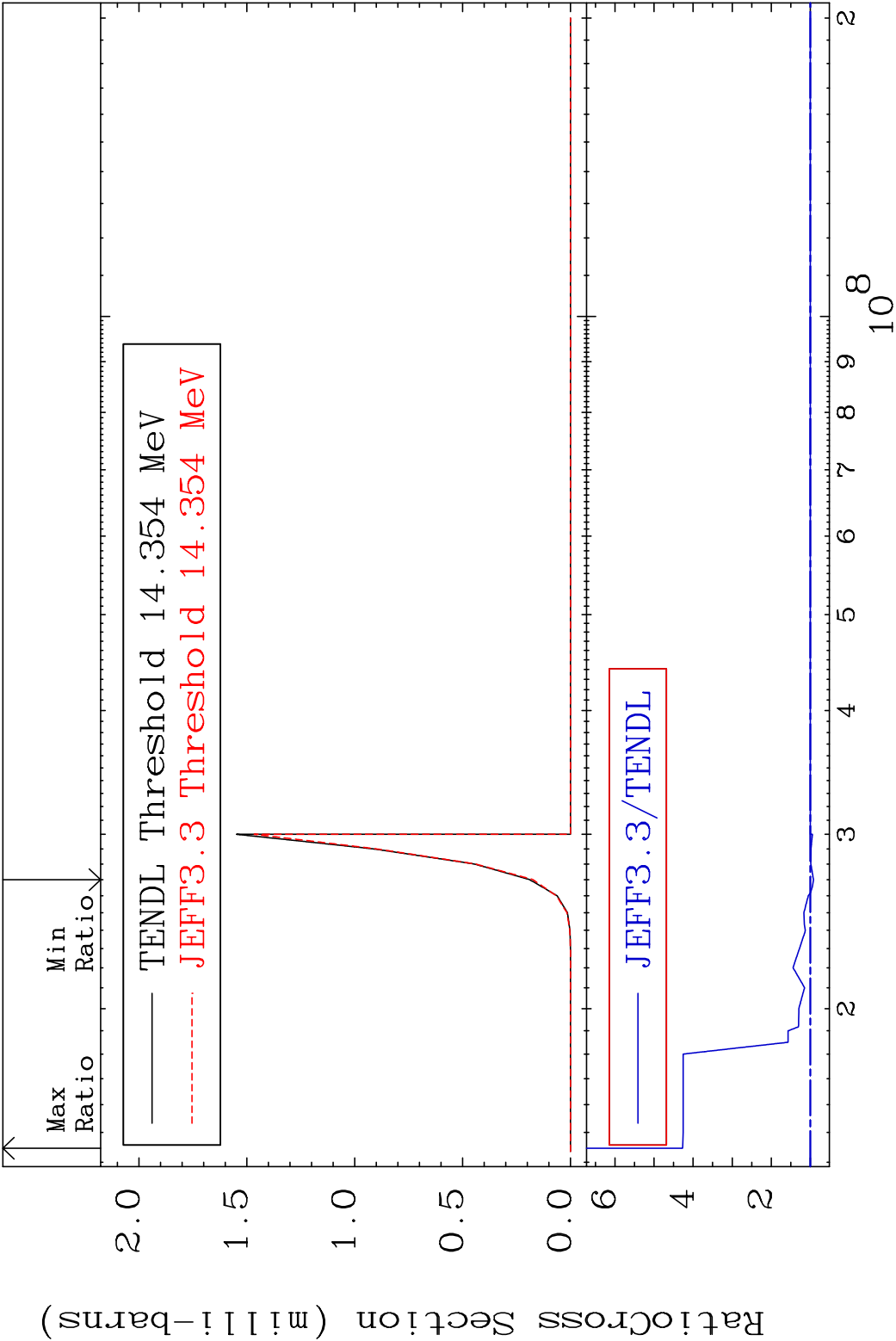
79 Incident Energy (eV) 44-Ru-96

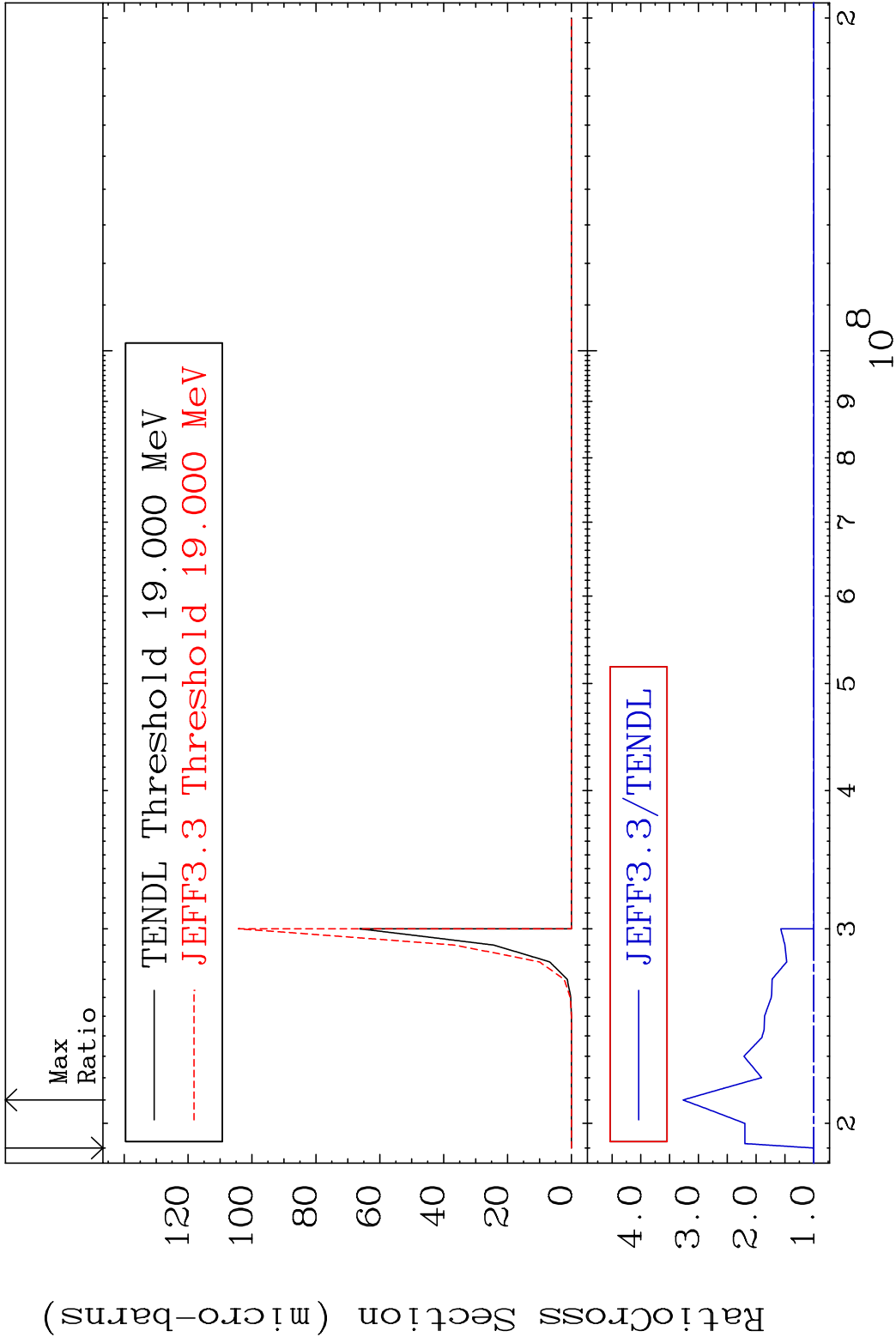


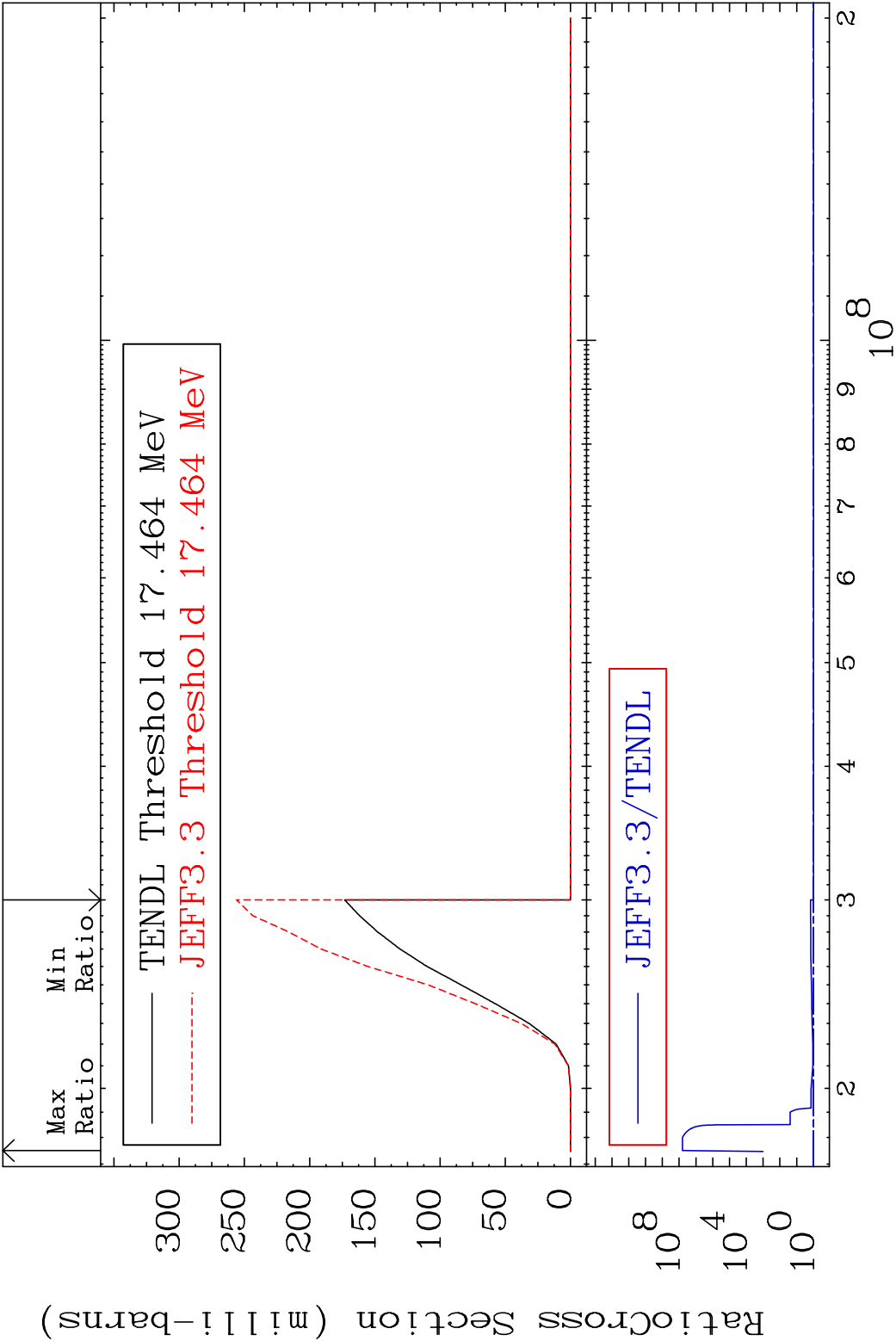


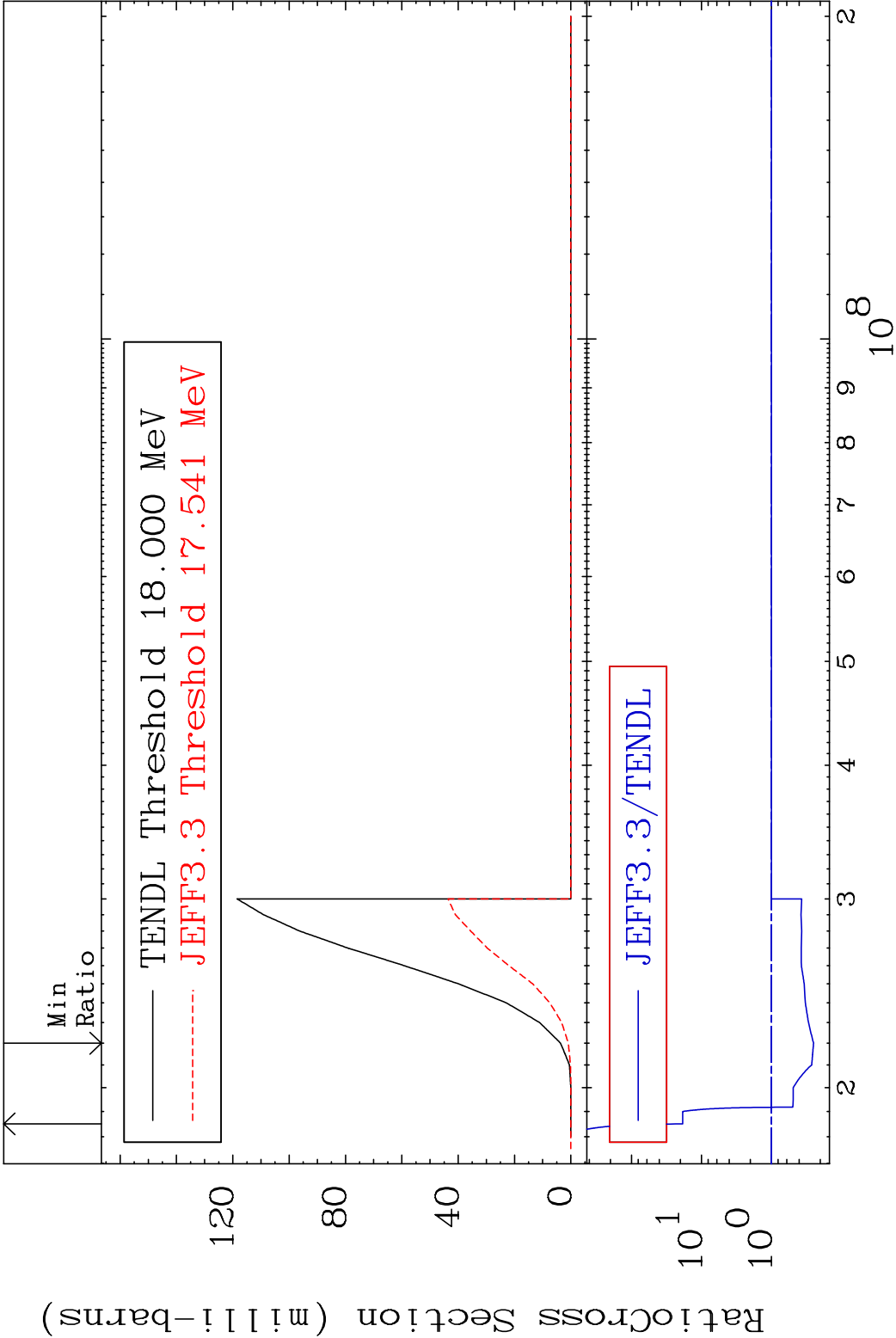


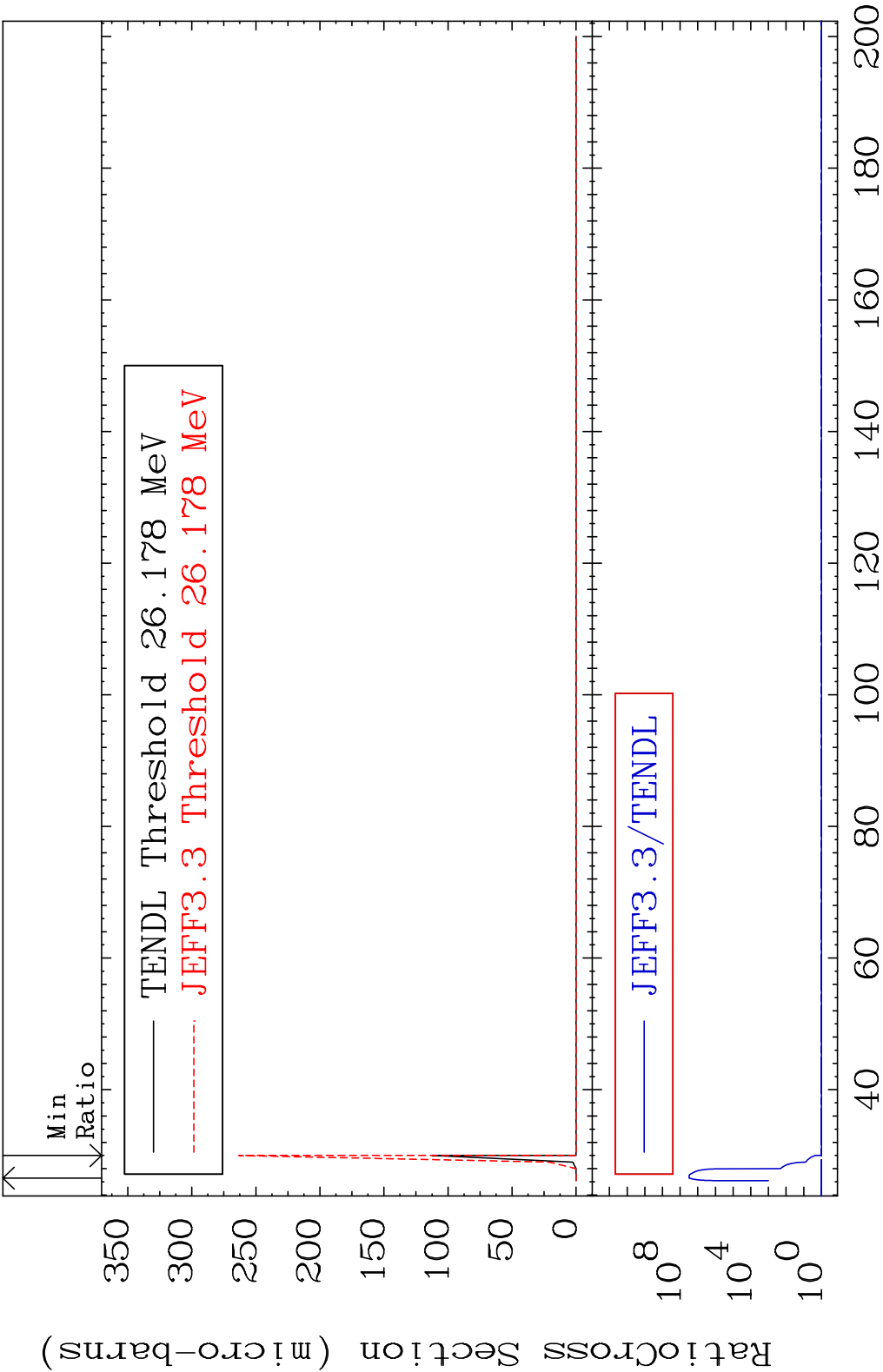


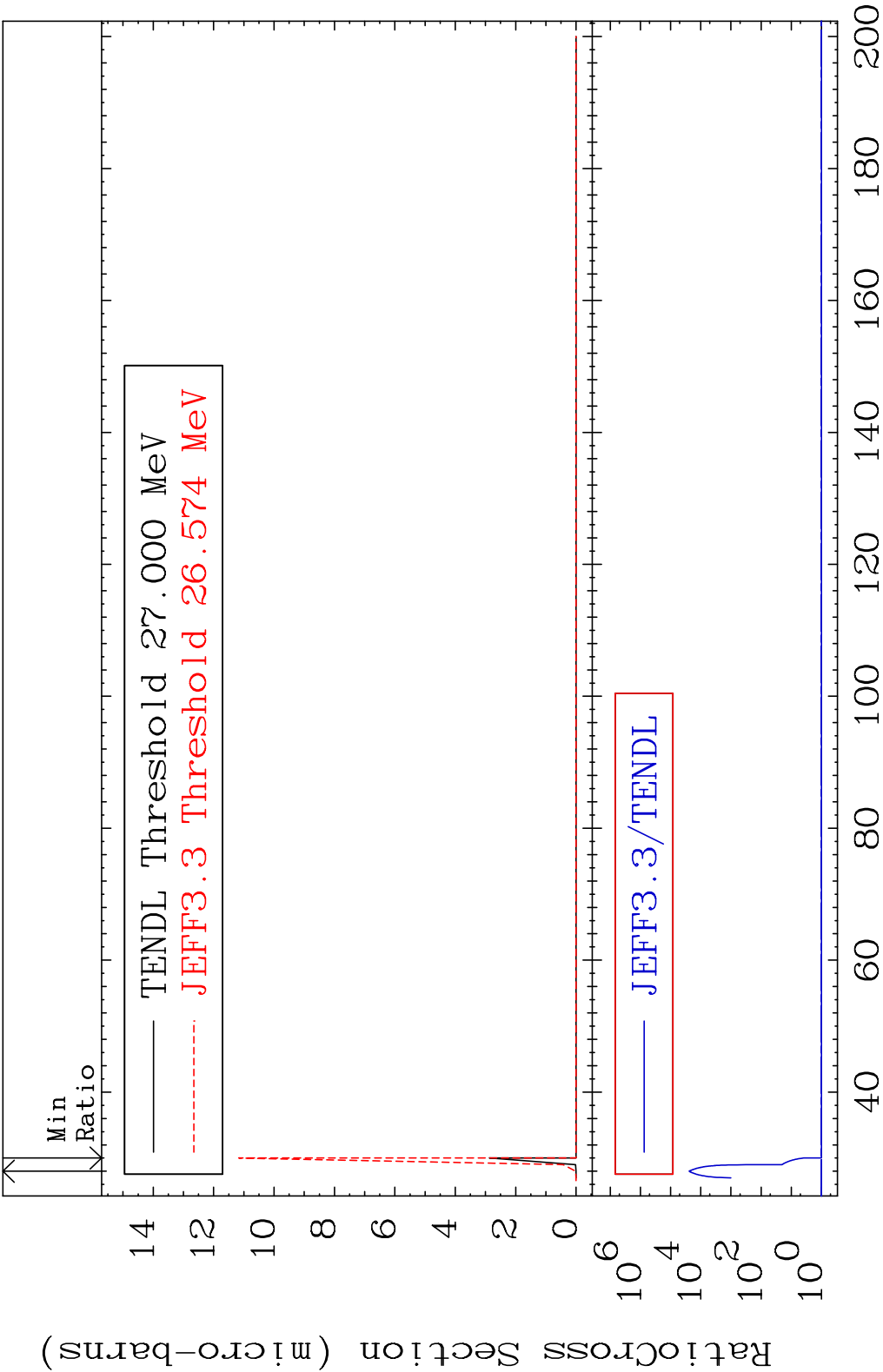


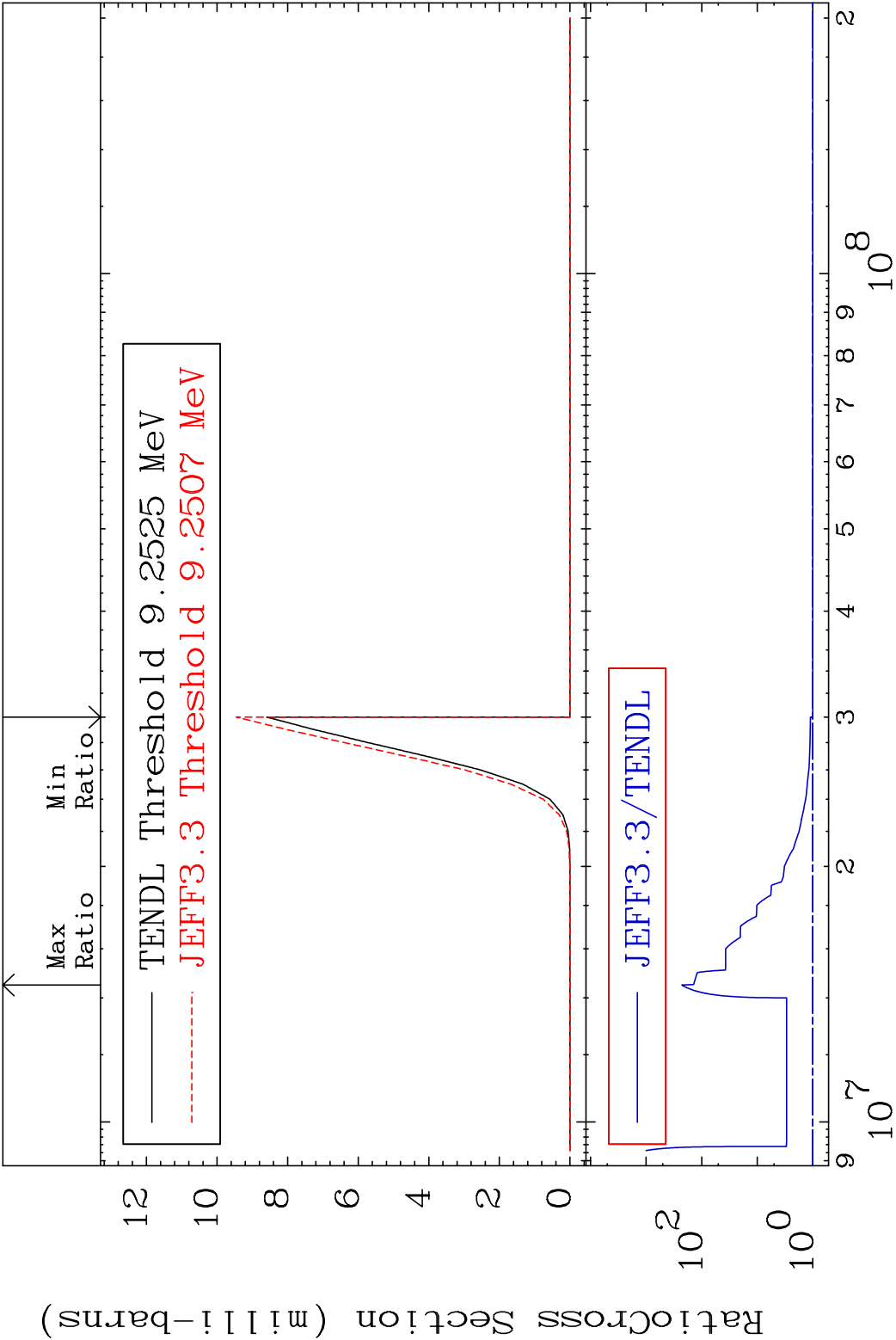


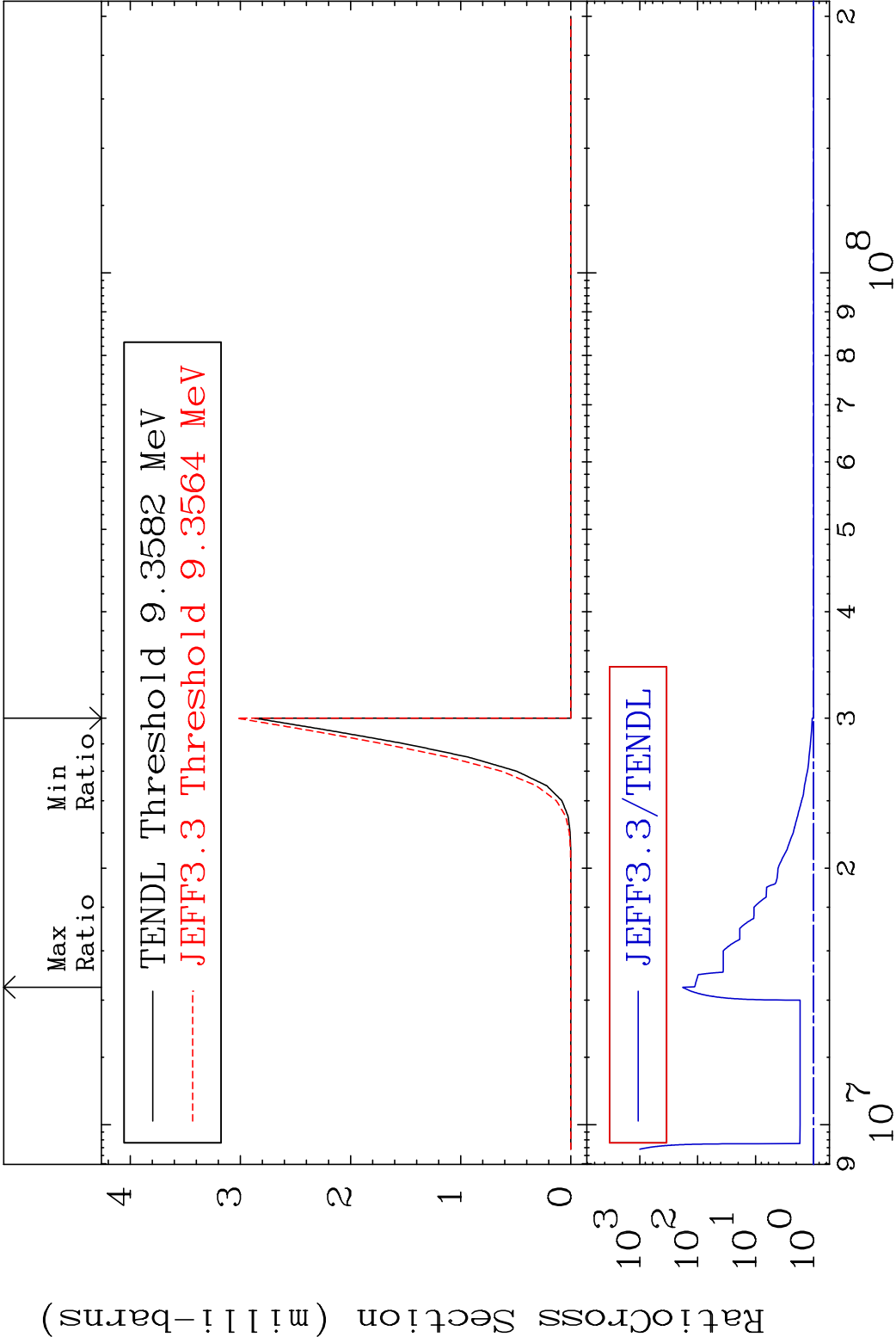


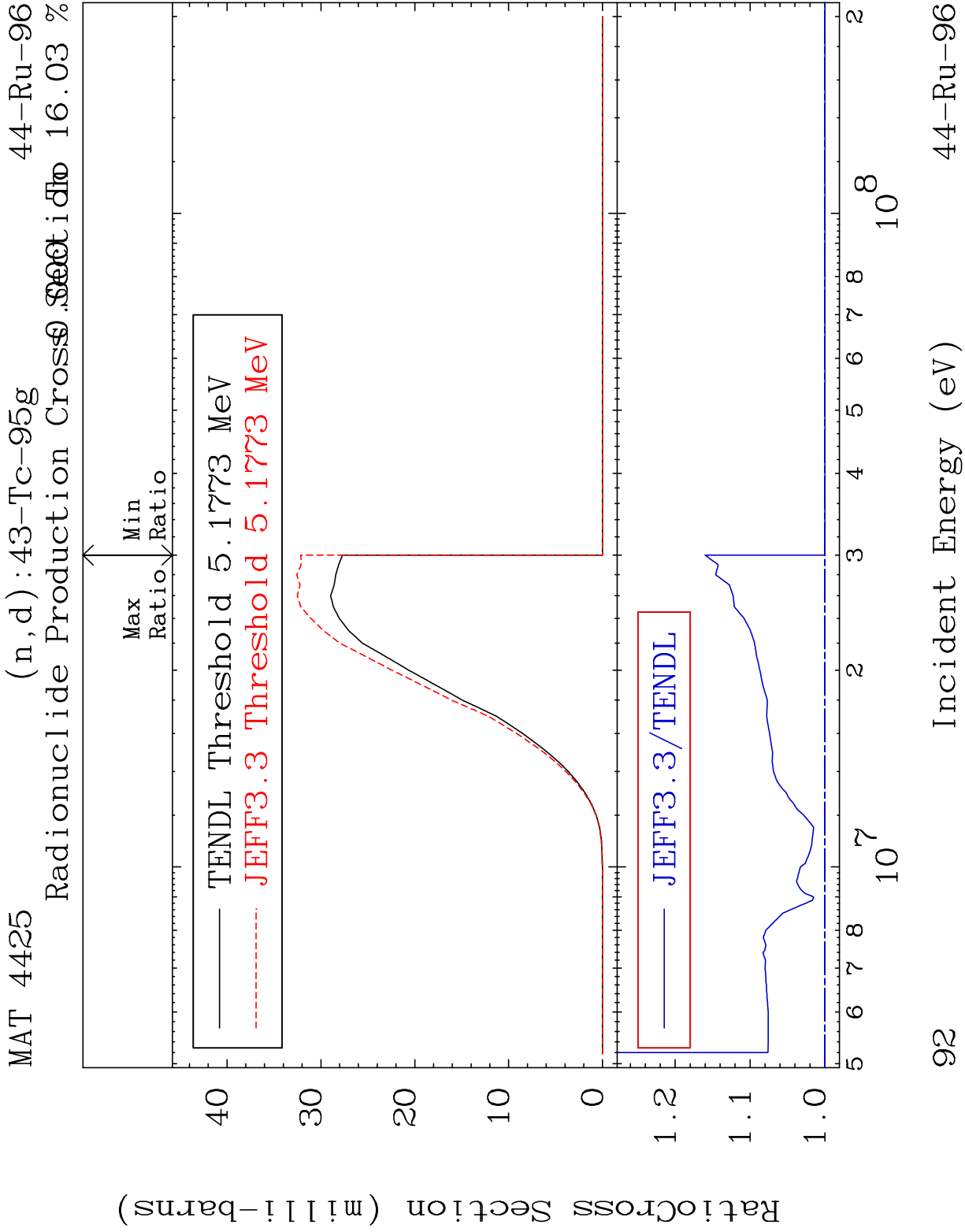


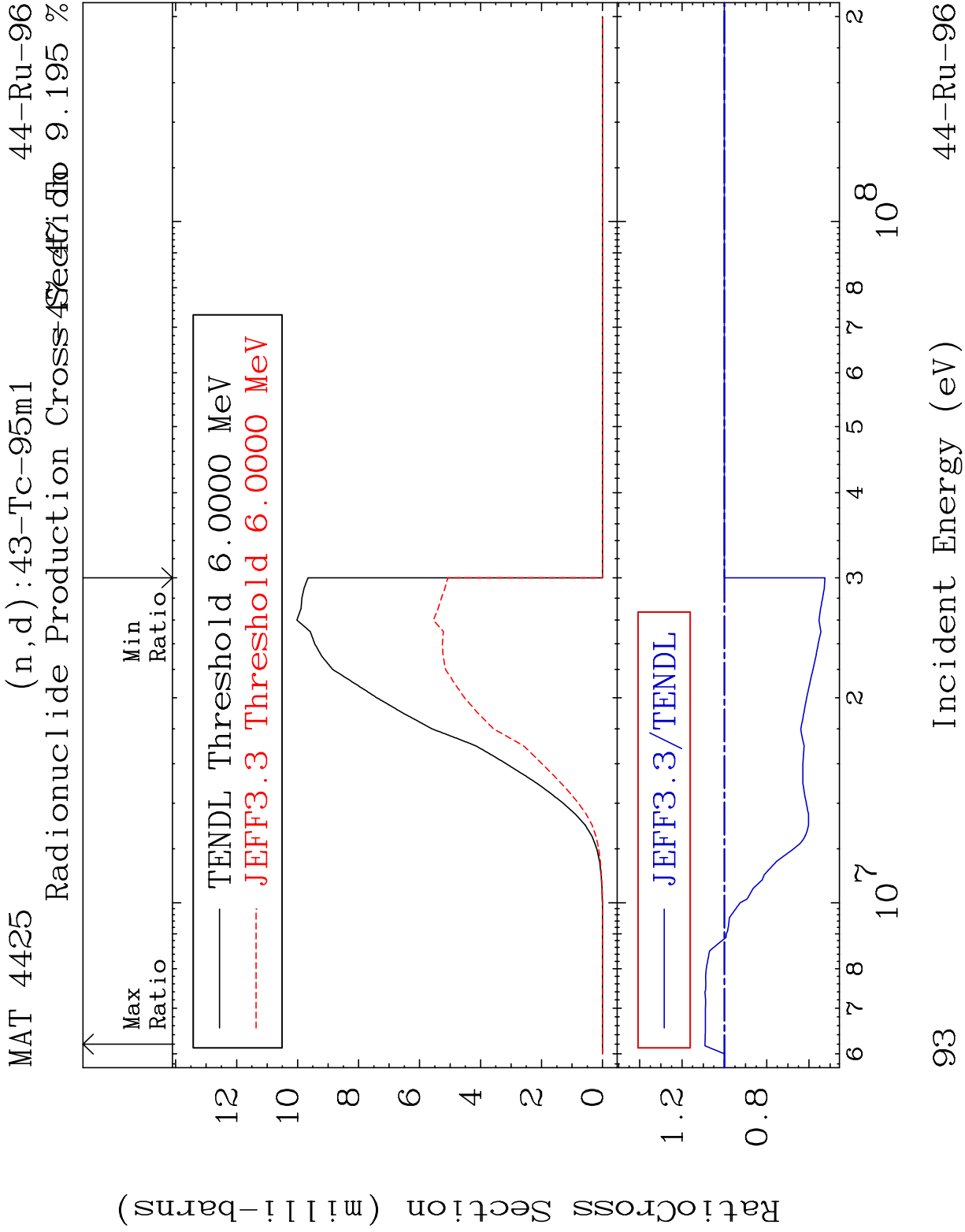






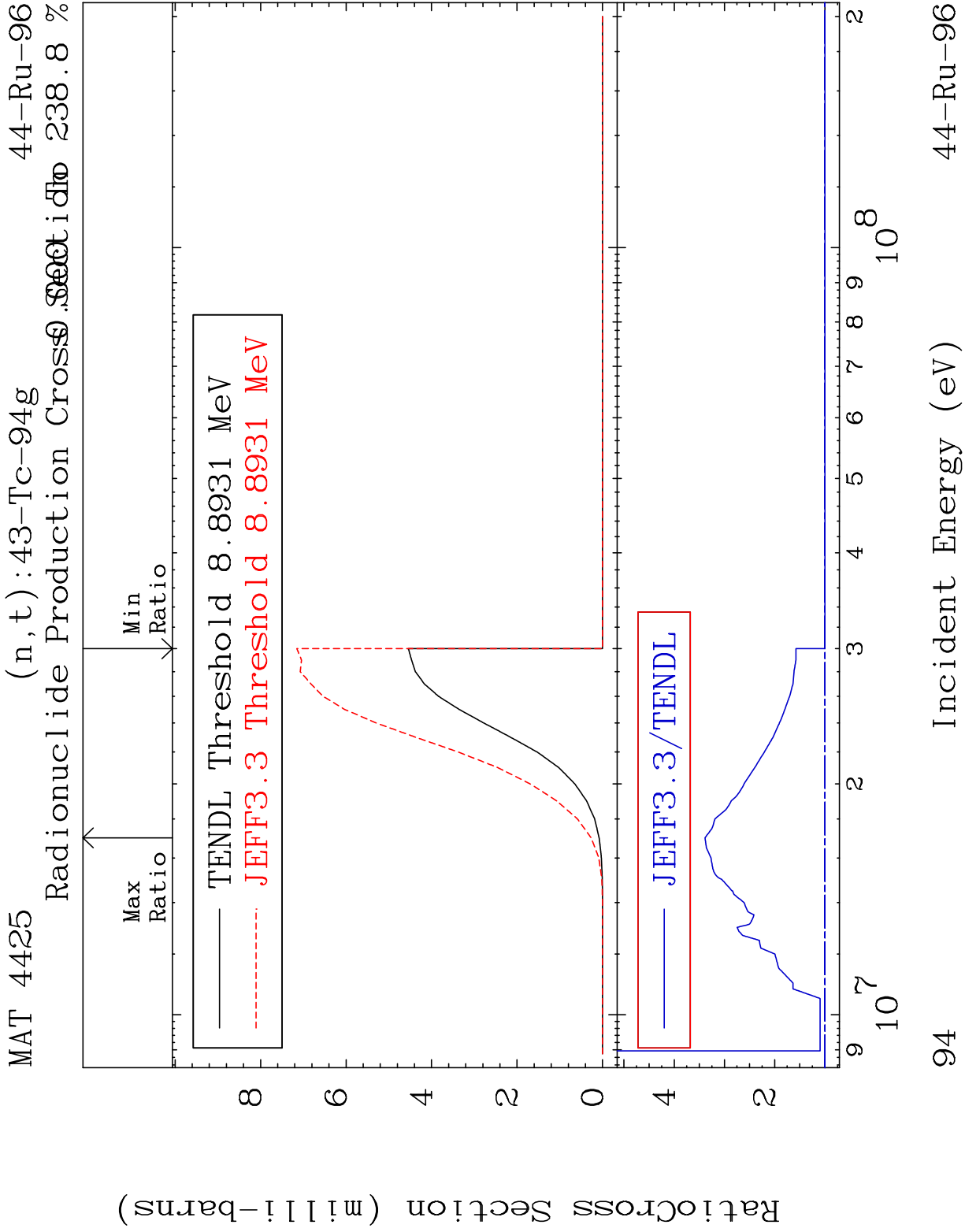


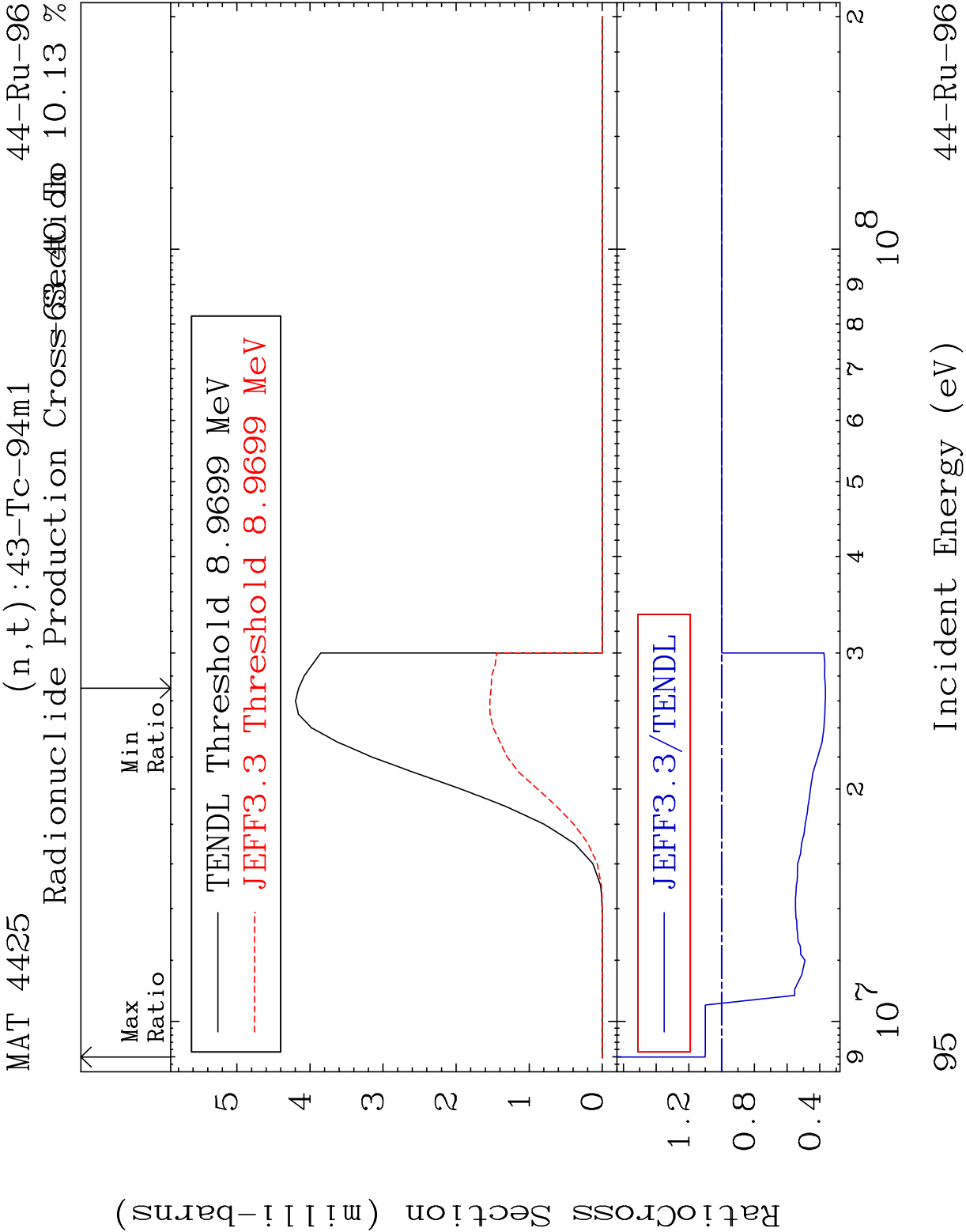


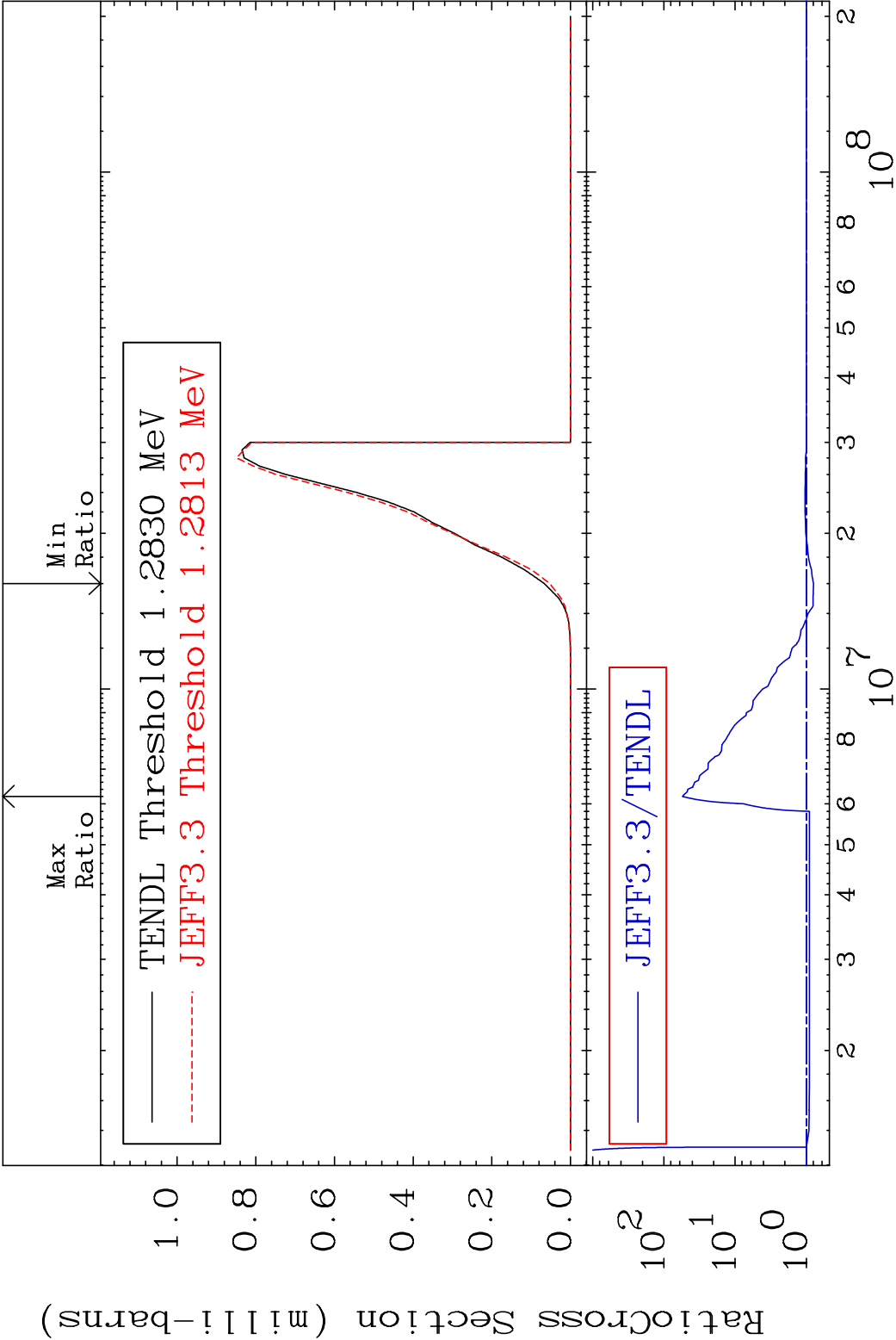


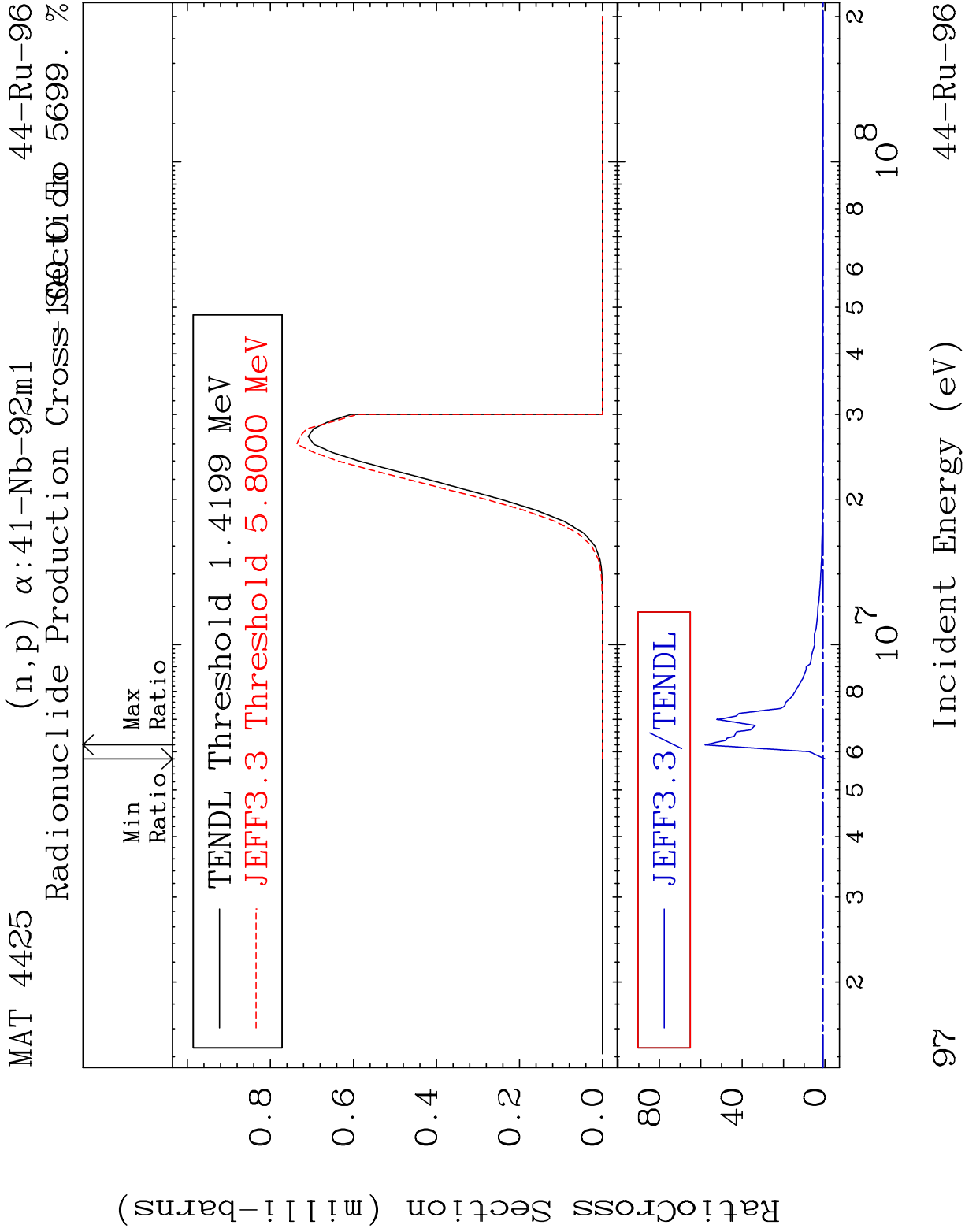
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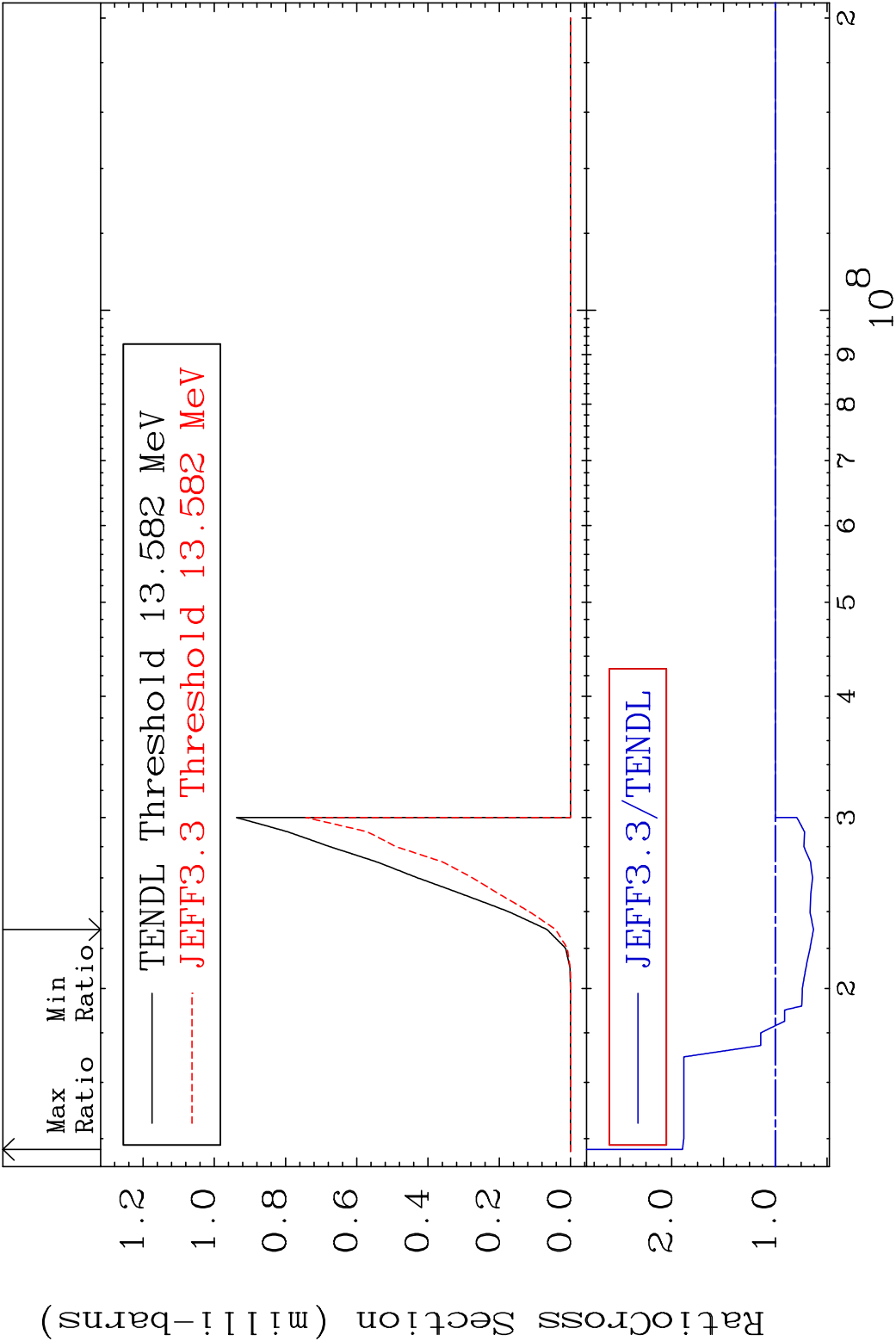
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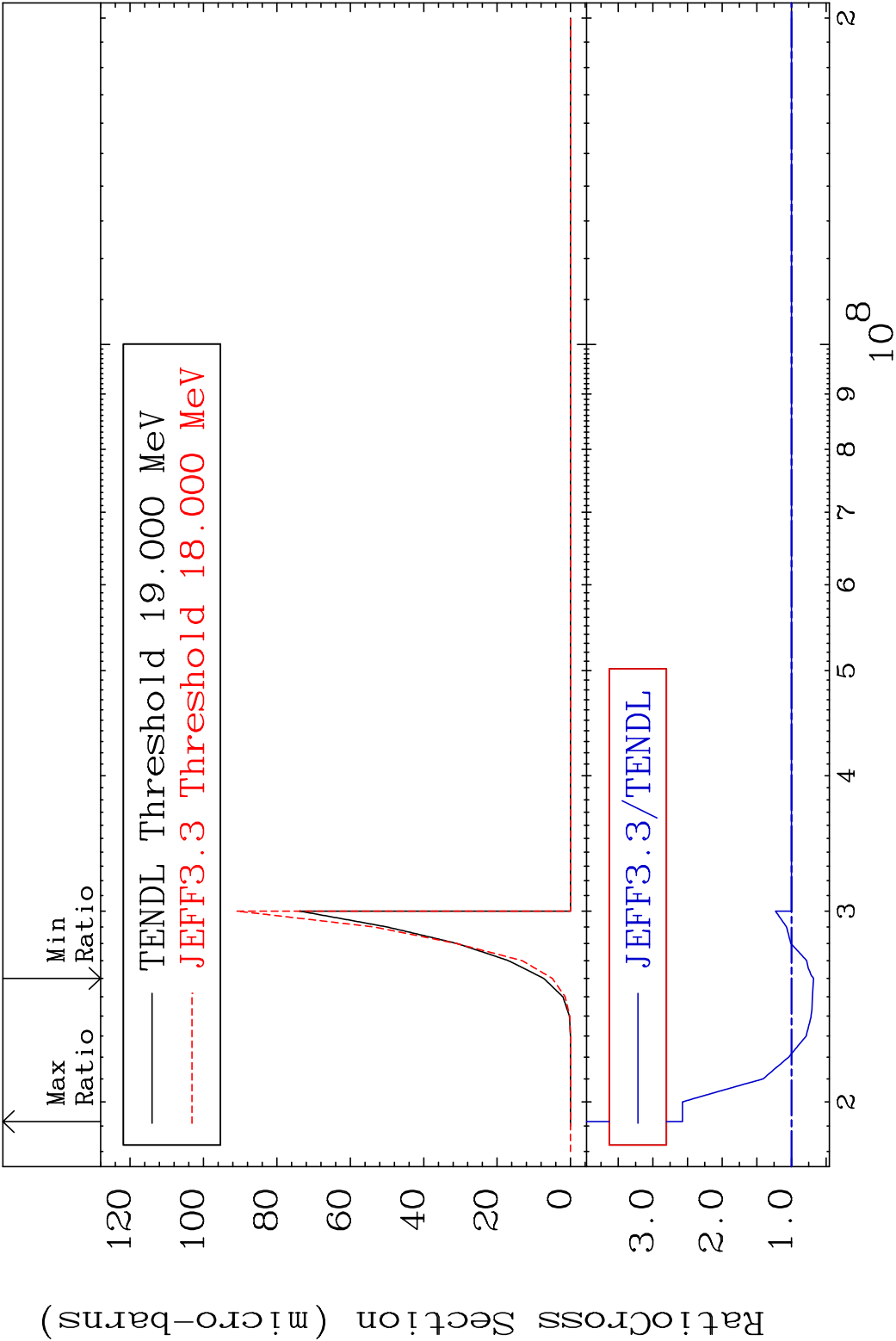


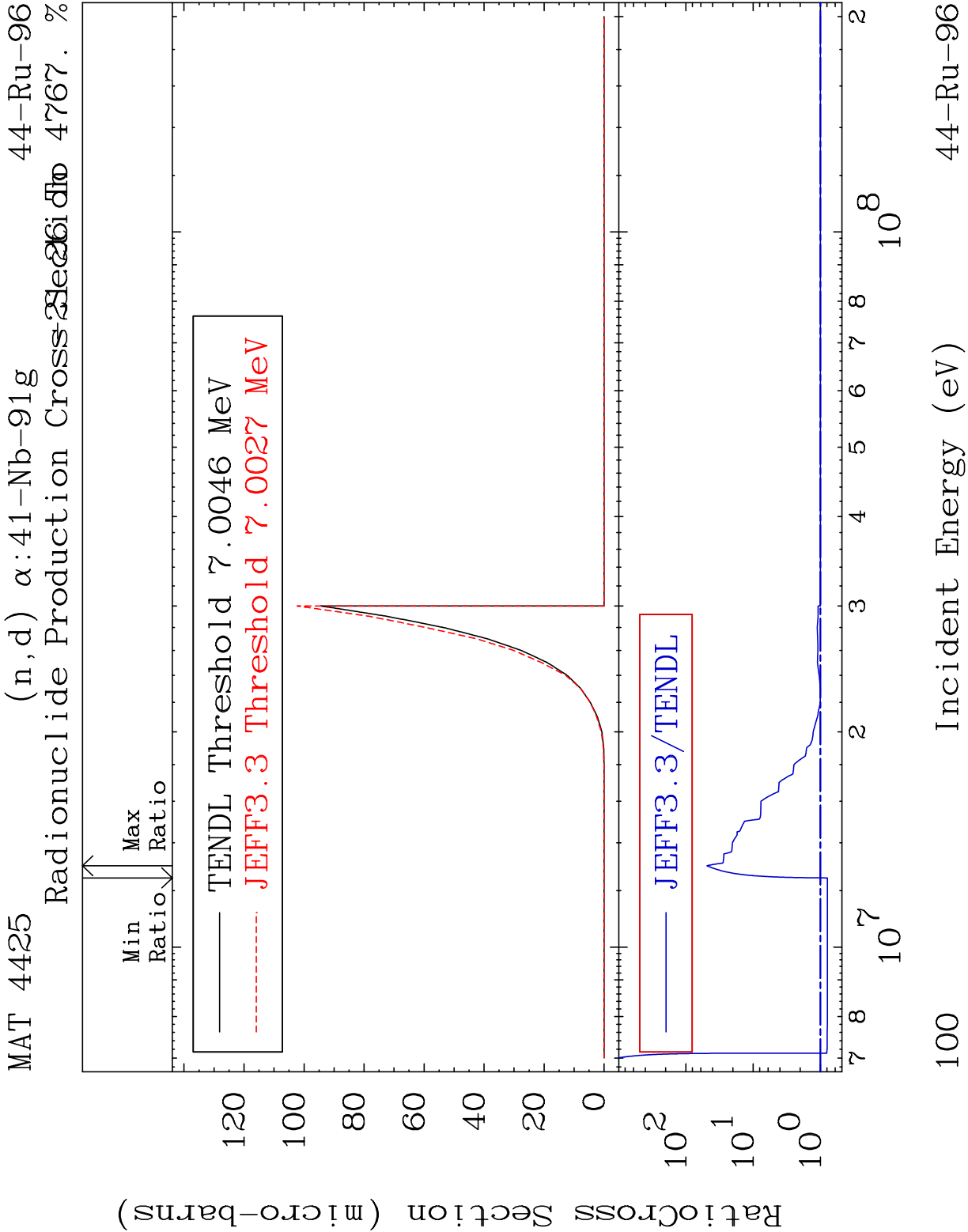


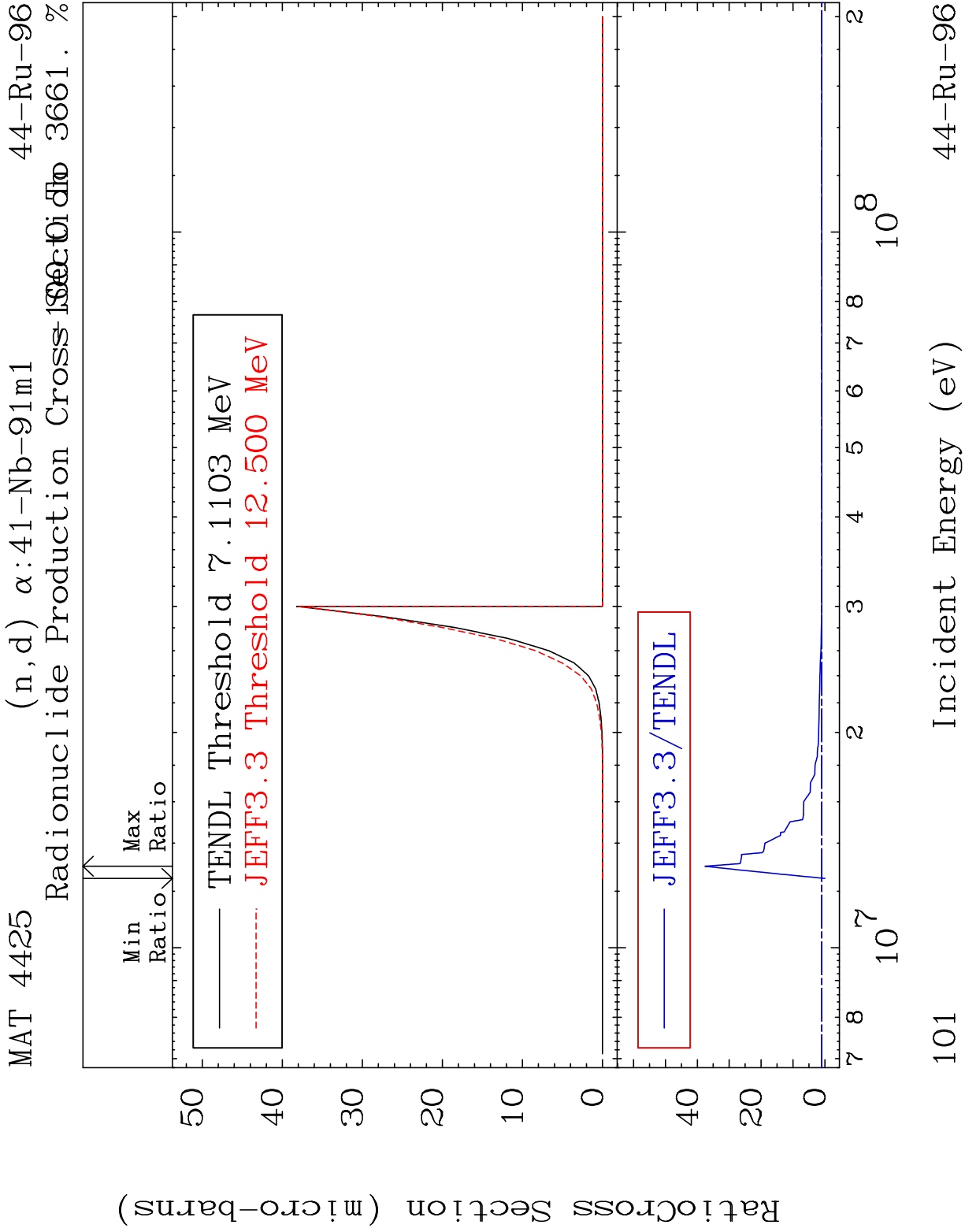












Ratio Cross Section (micro-barns)