

Program Complot
(Version 2021-1)

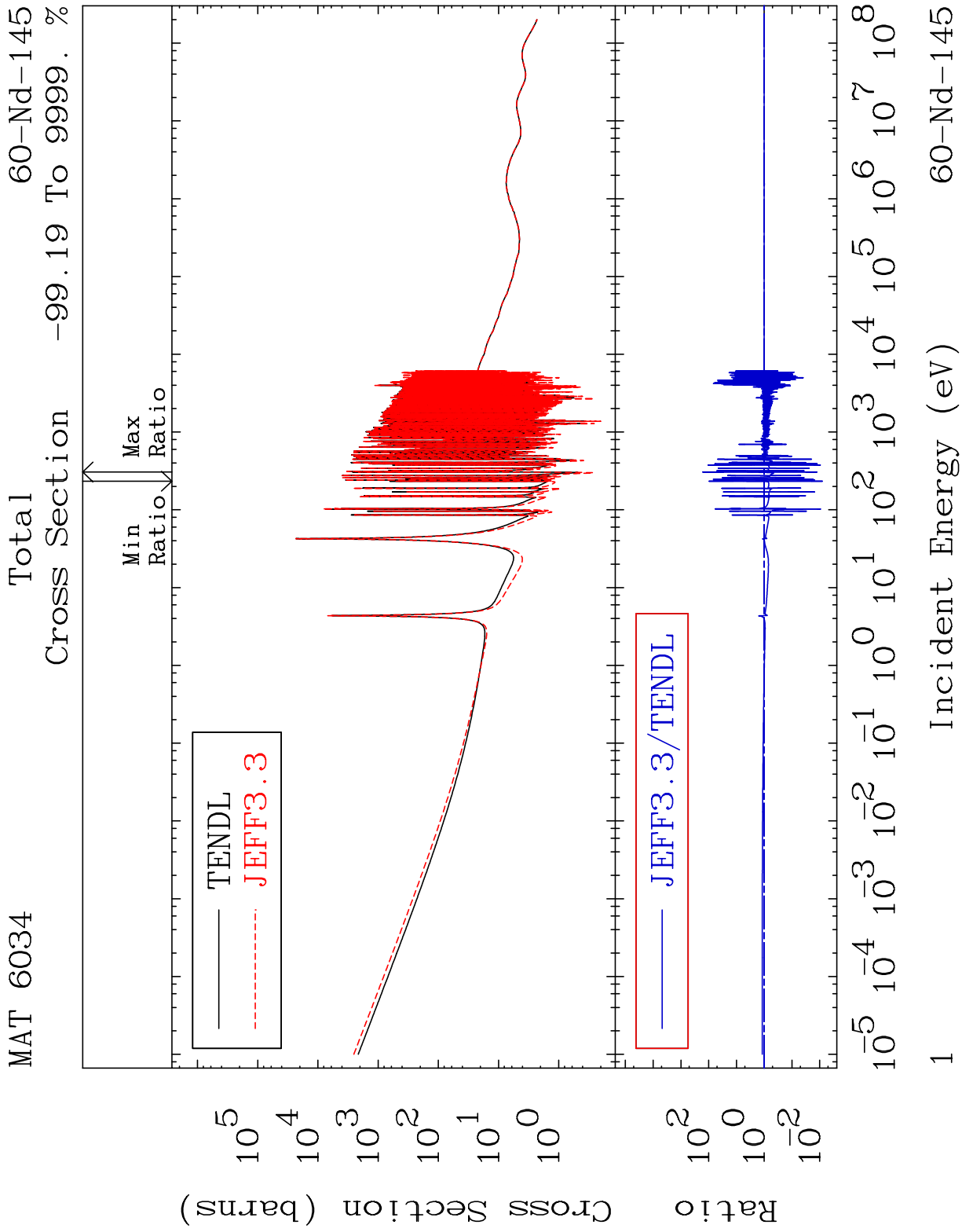
by

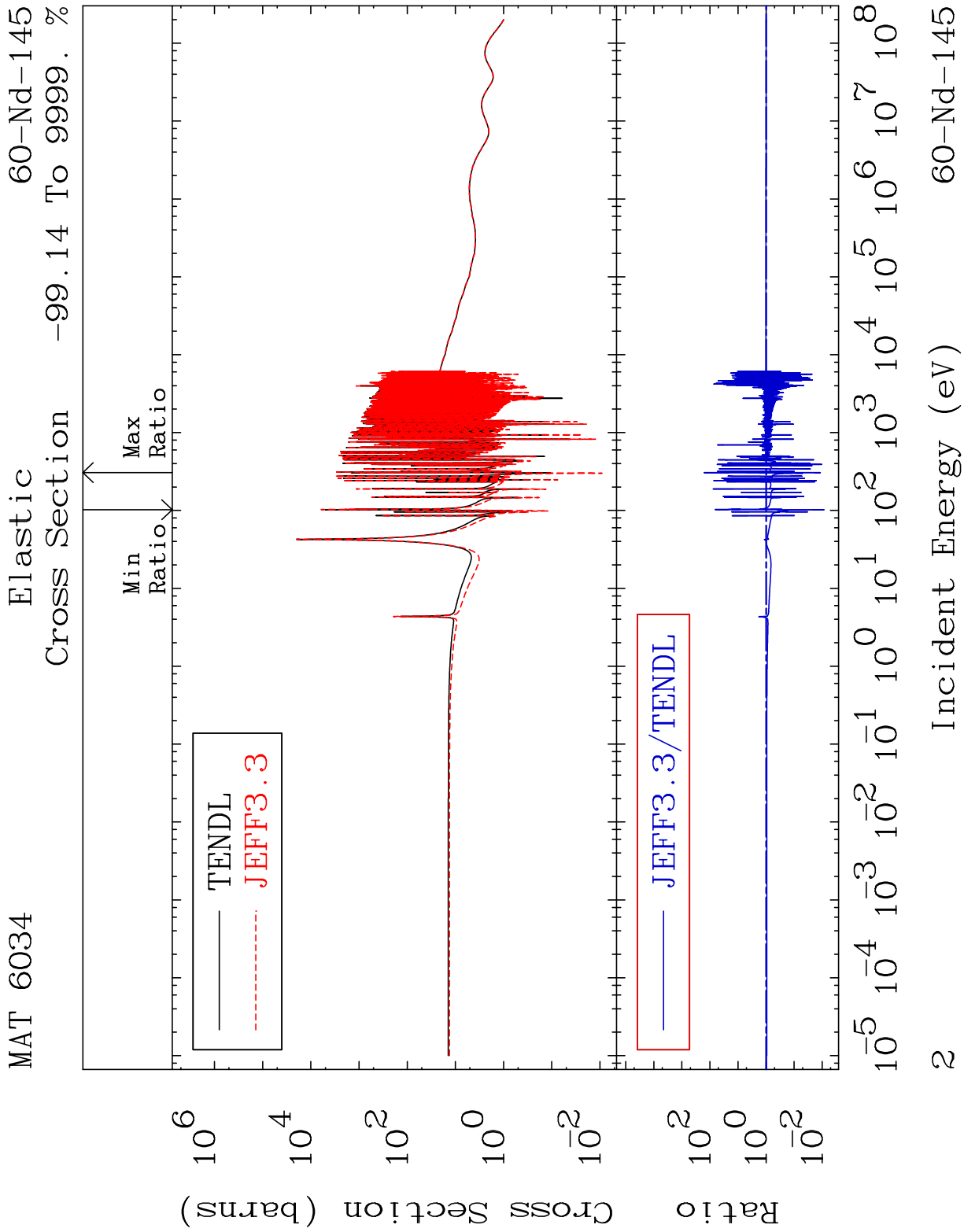
Dermott E. Cullen
(Present Contact Information)

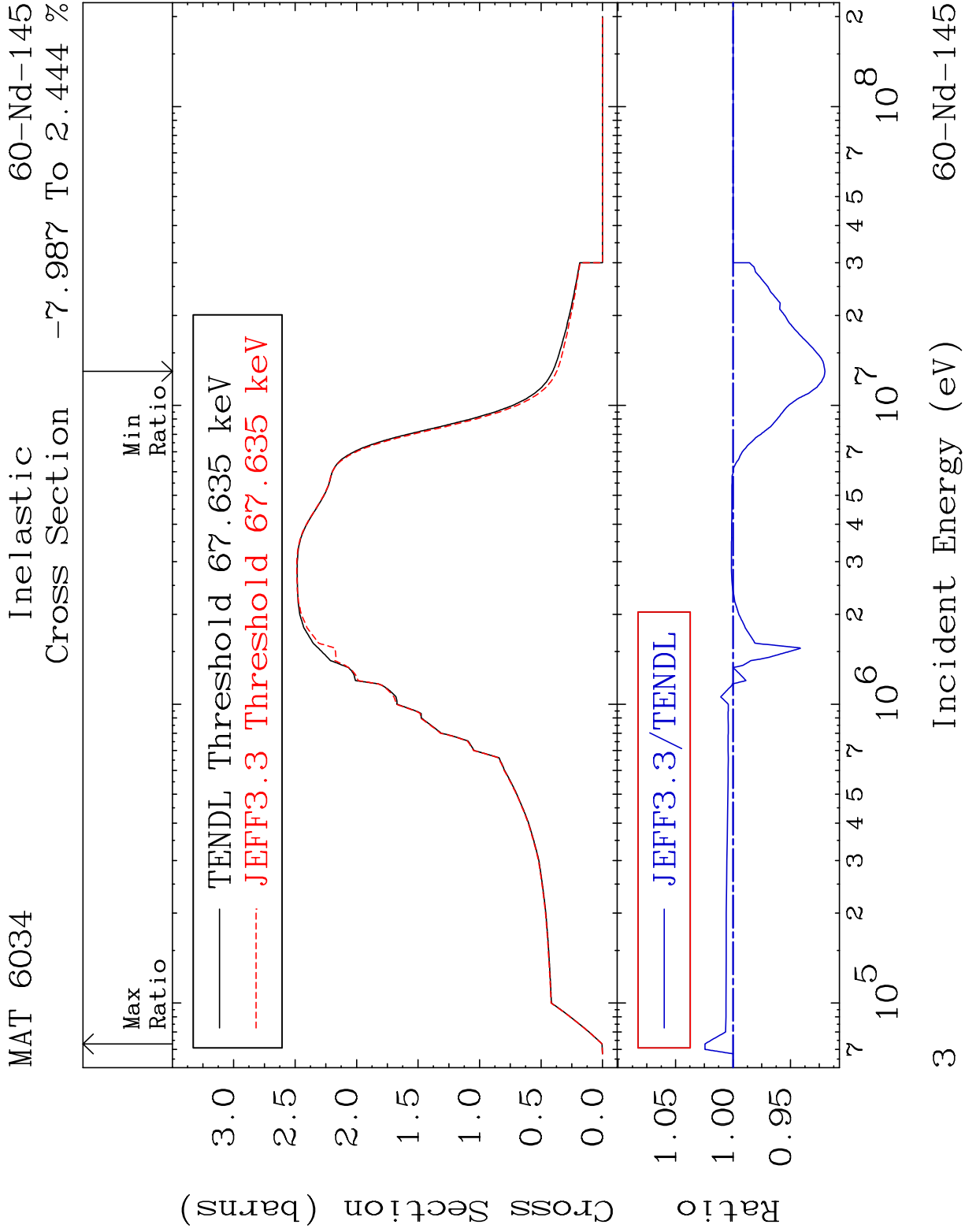
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

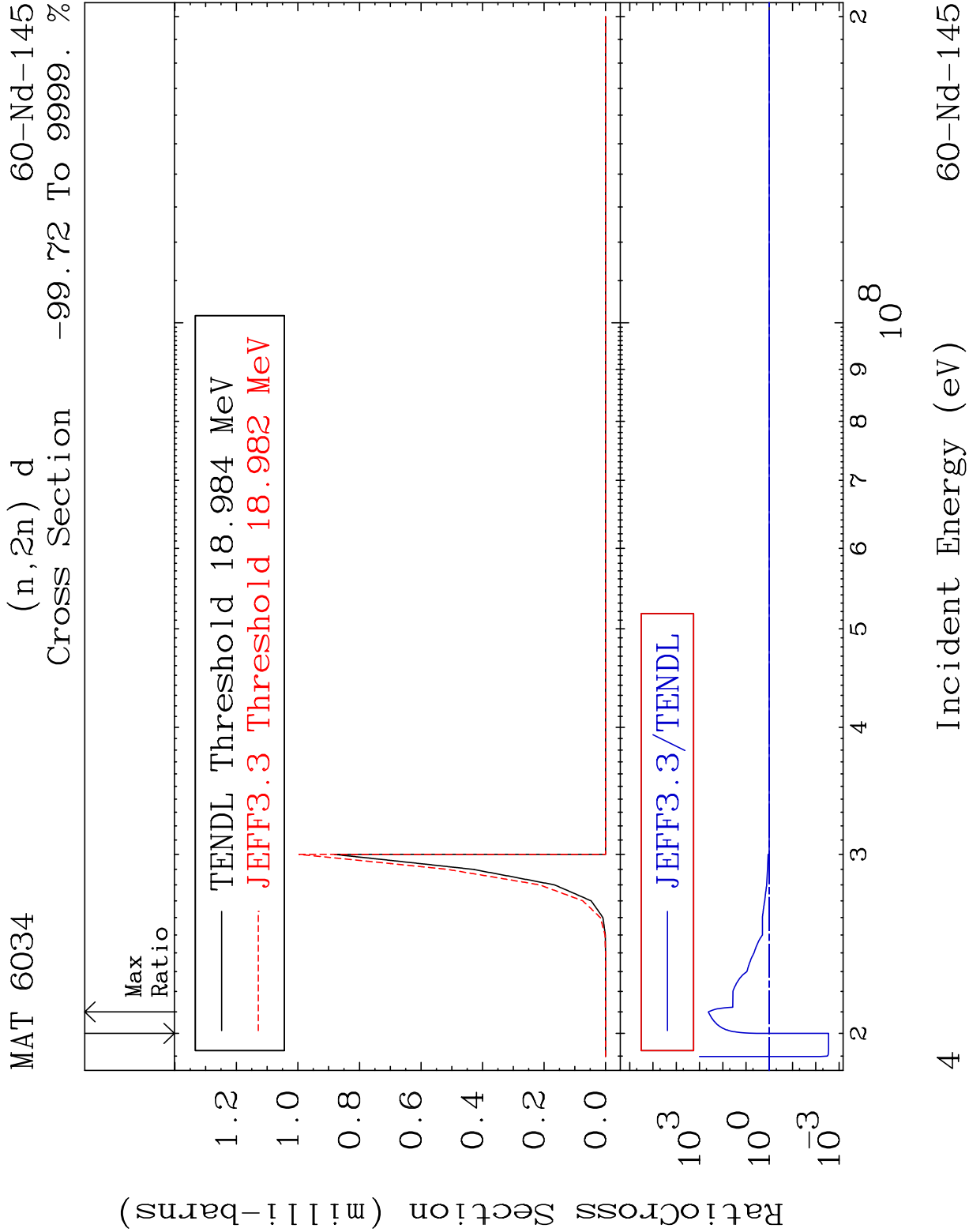
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

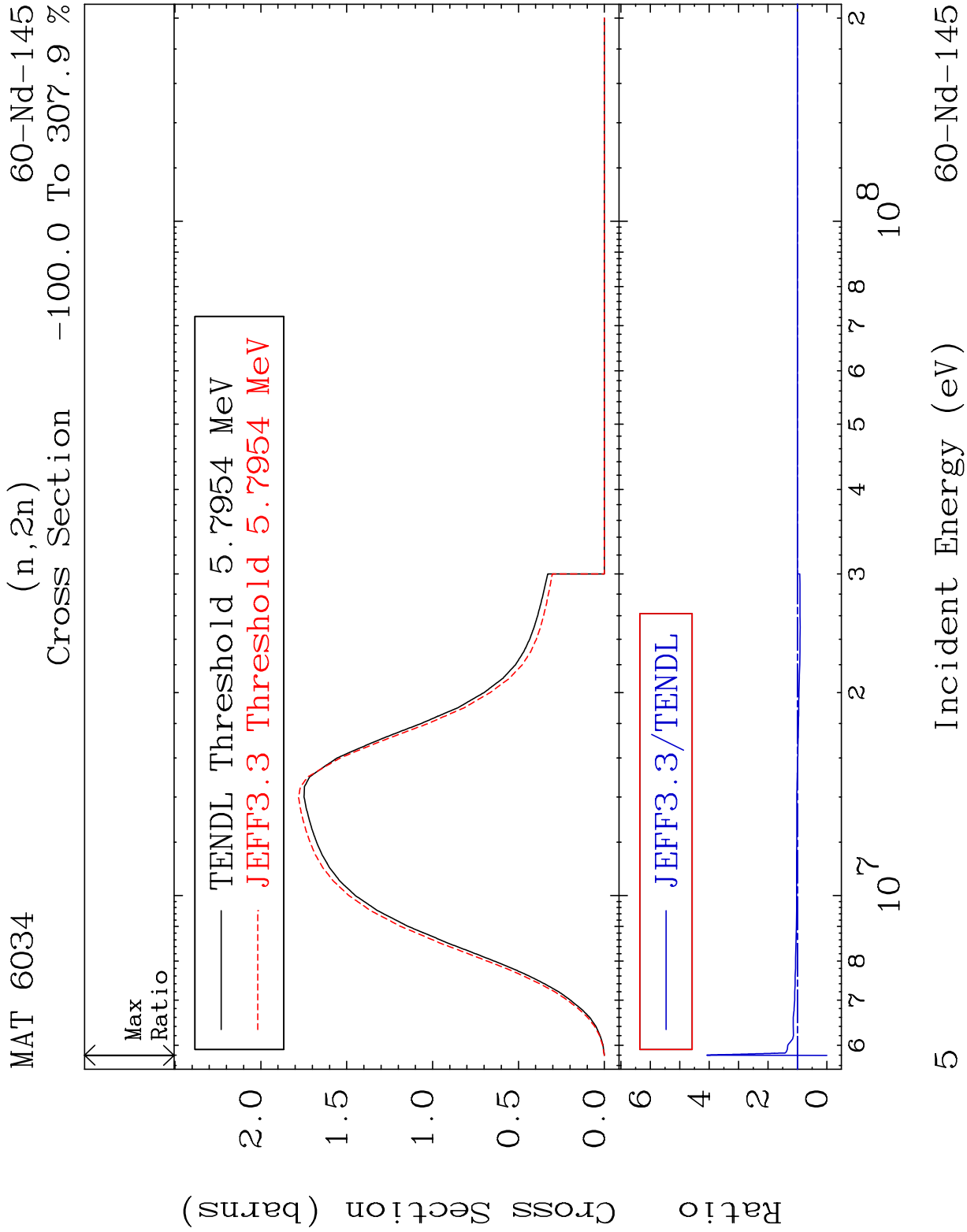
Press Mouse Button to Start

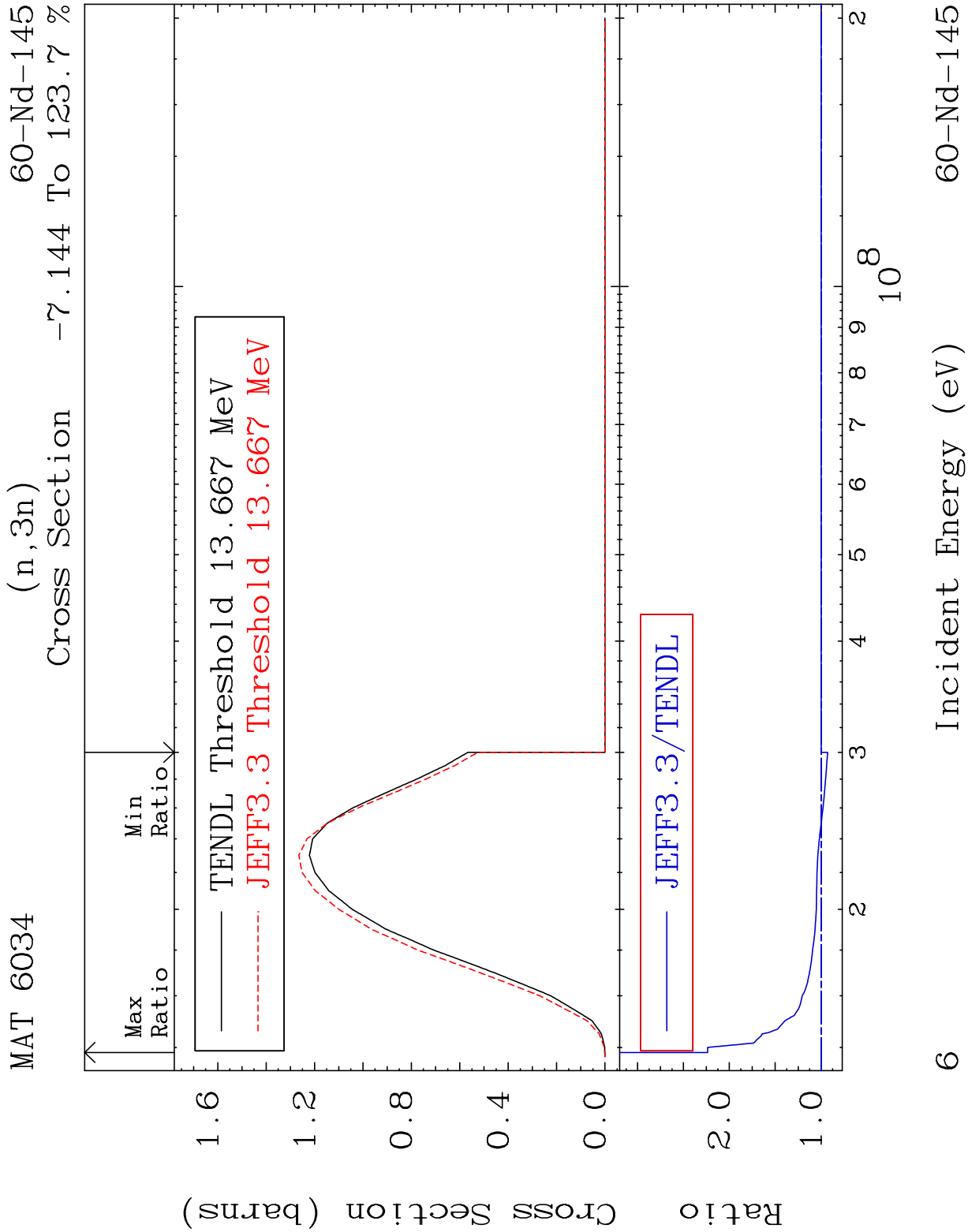


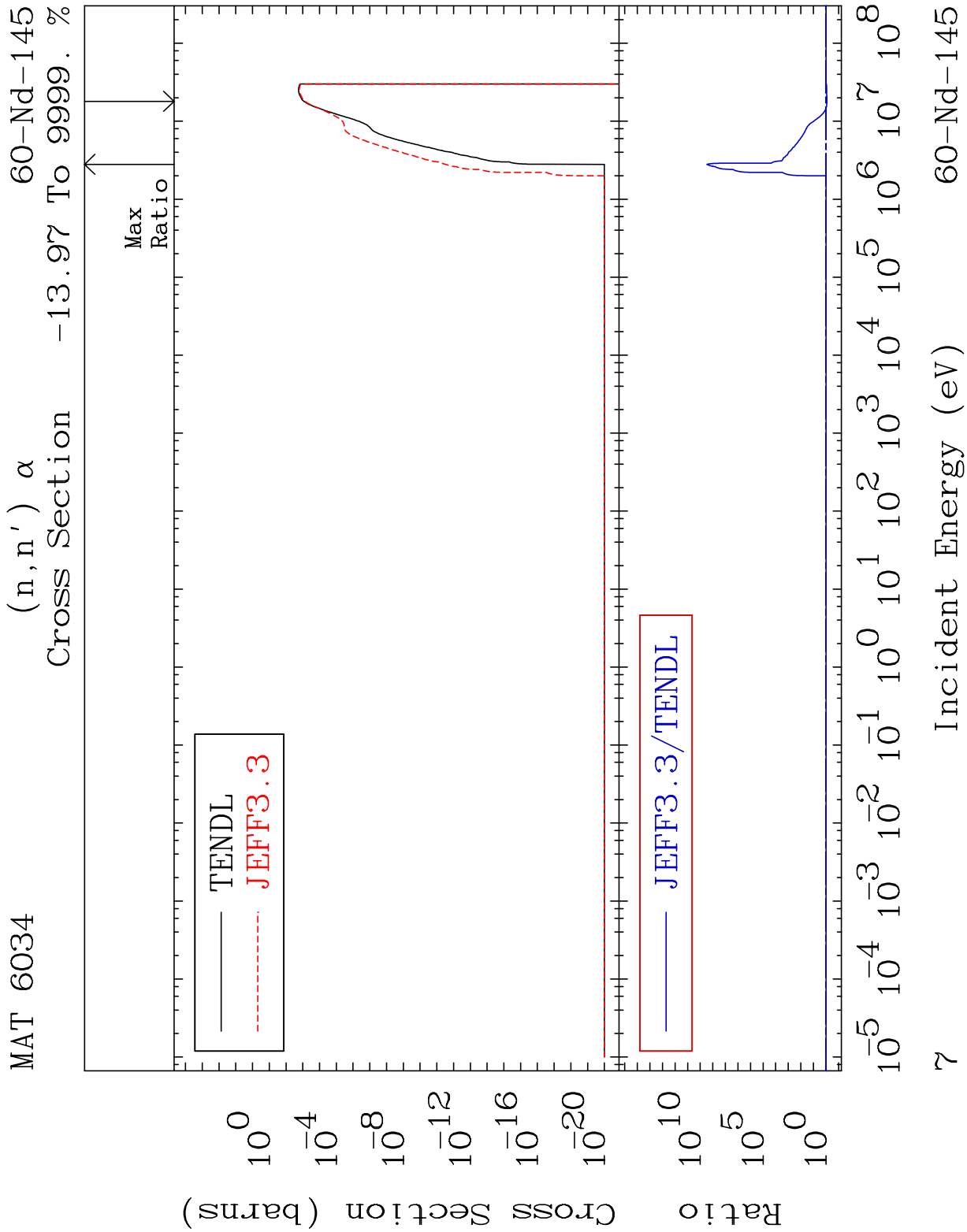


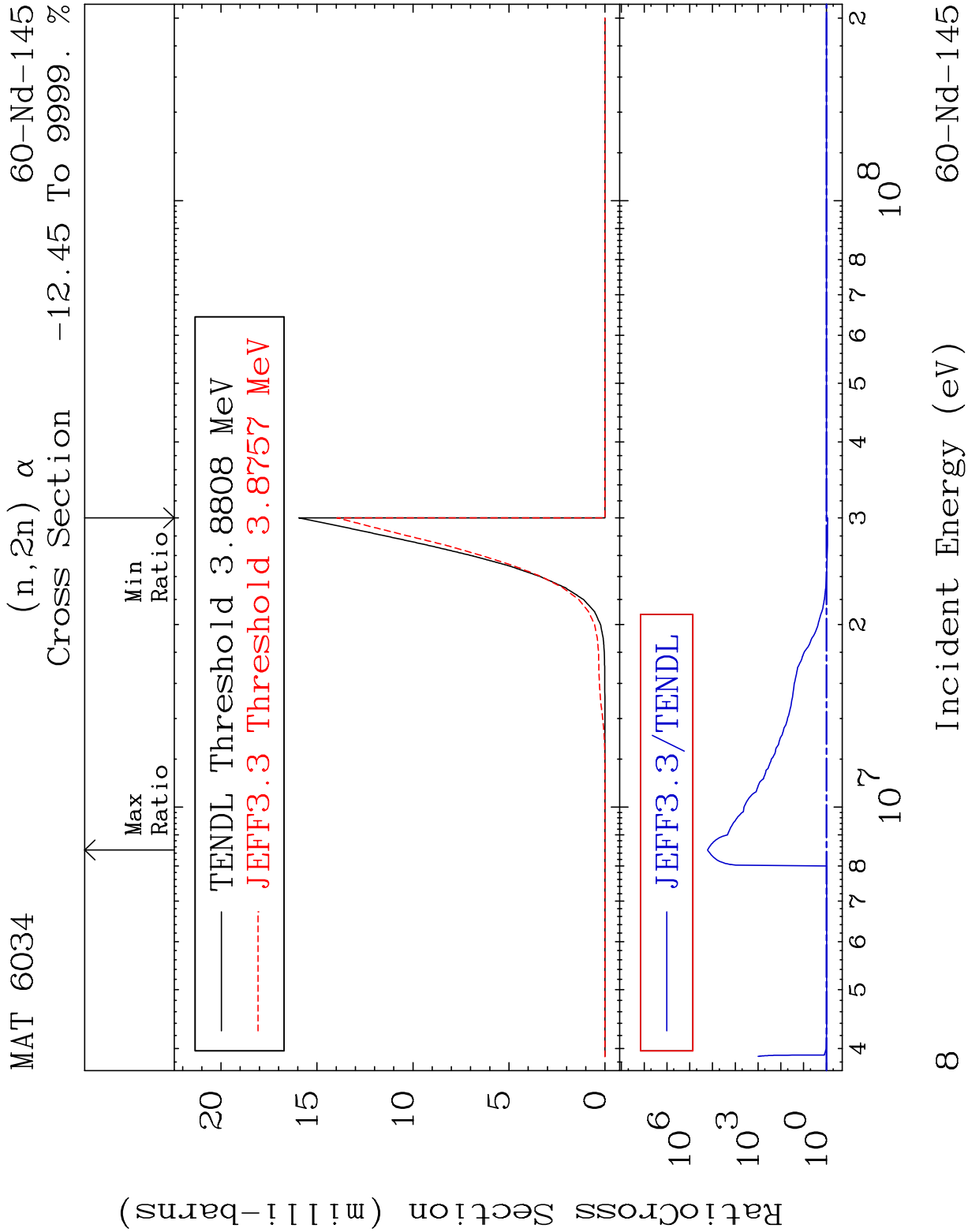


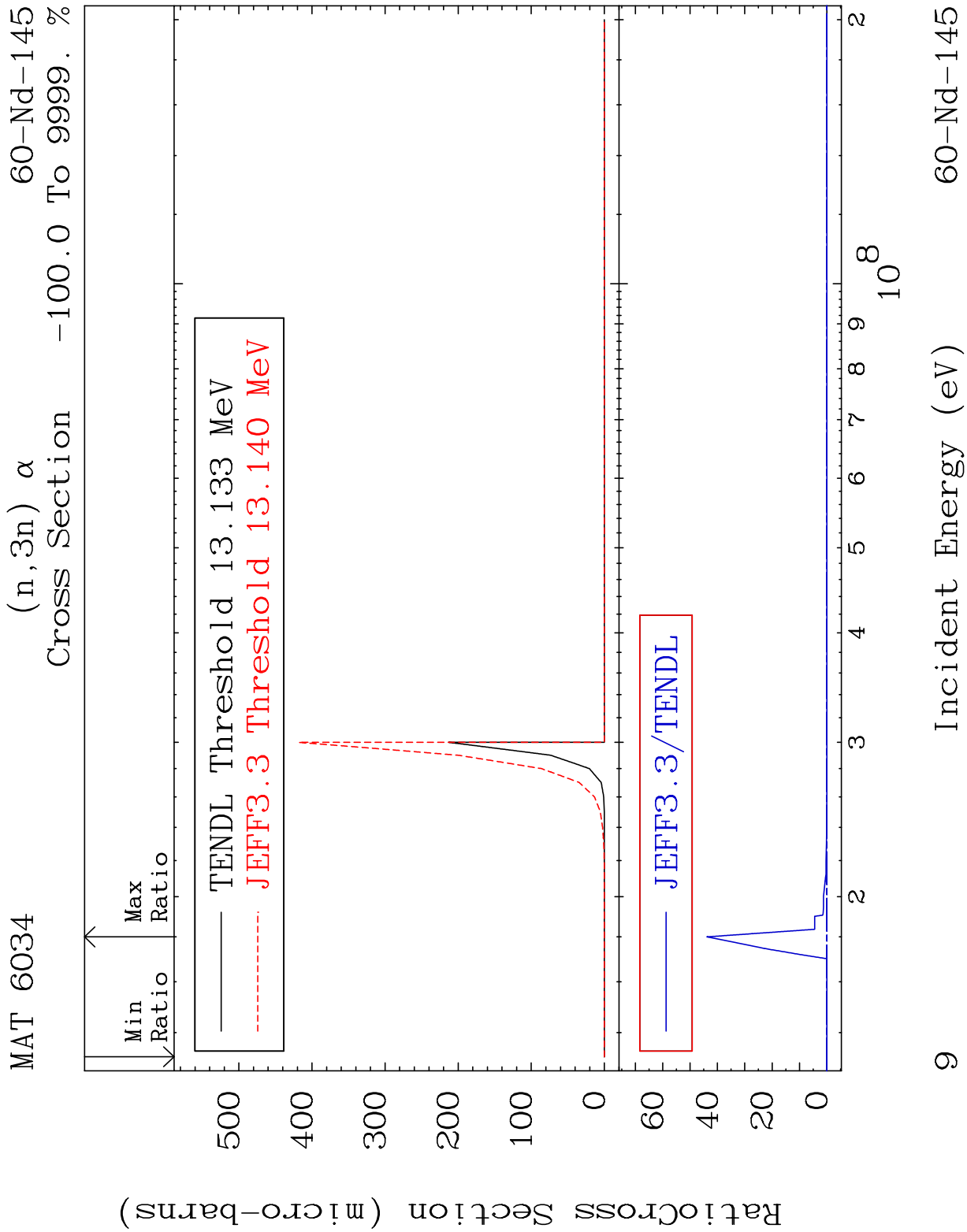


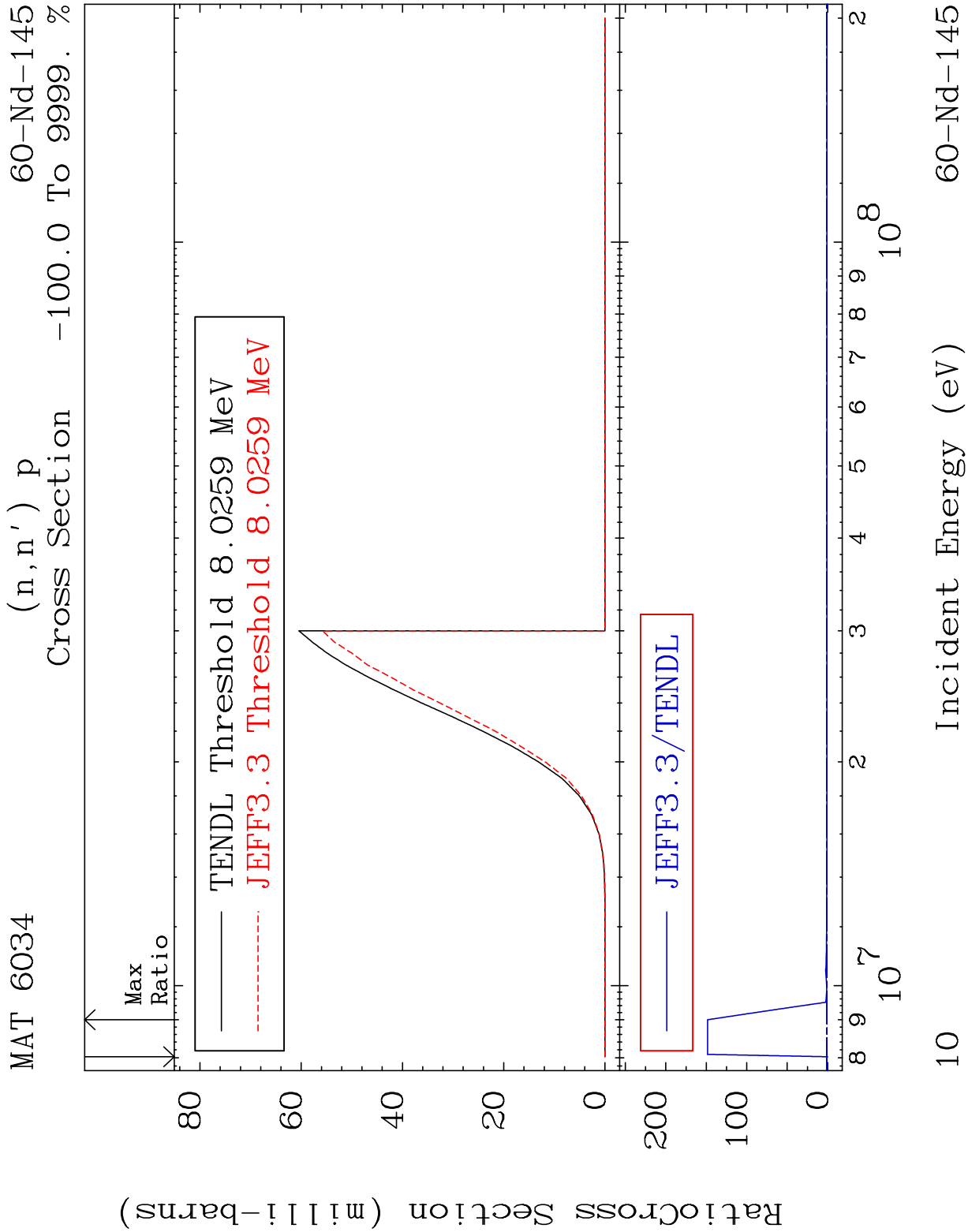


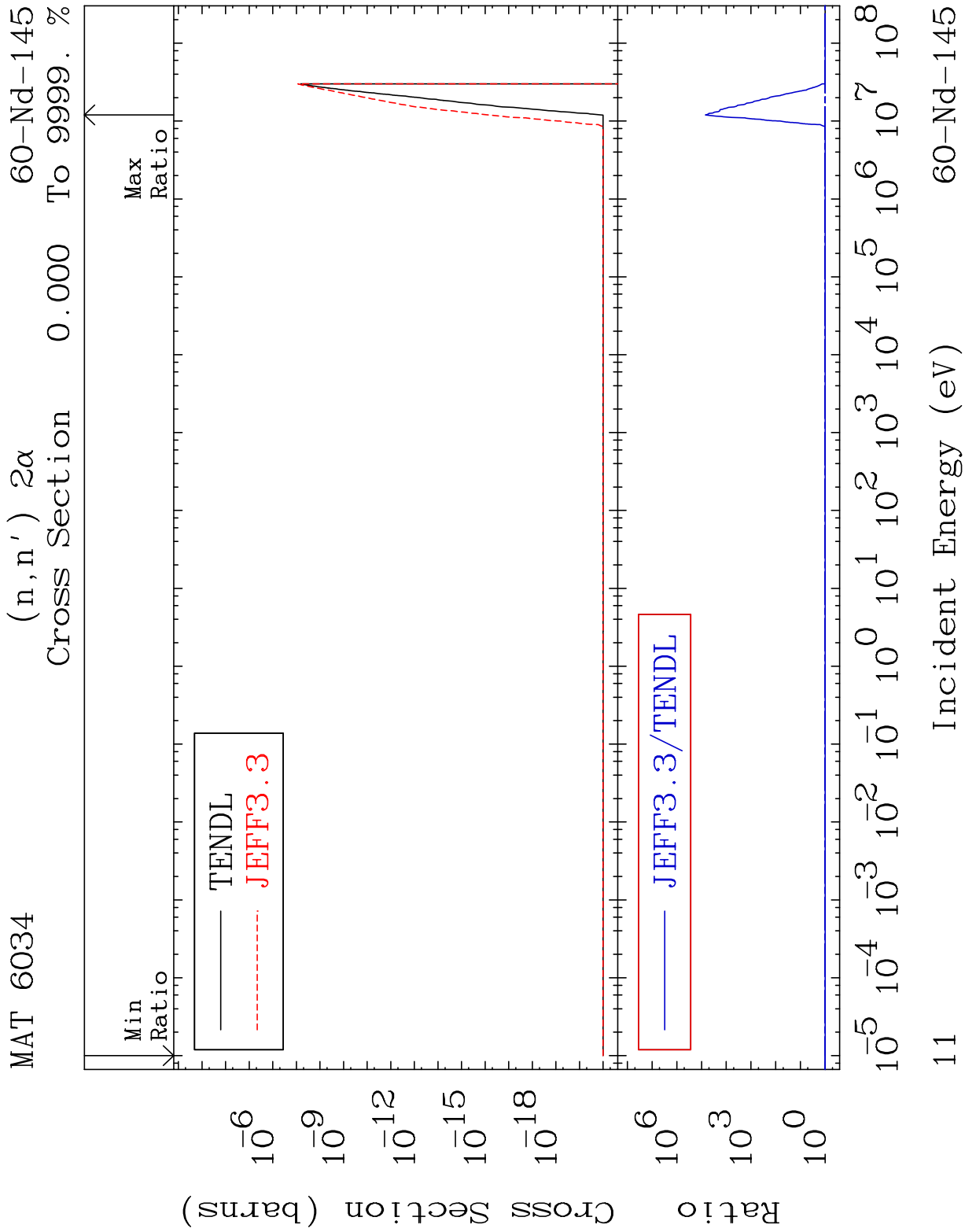


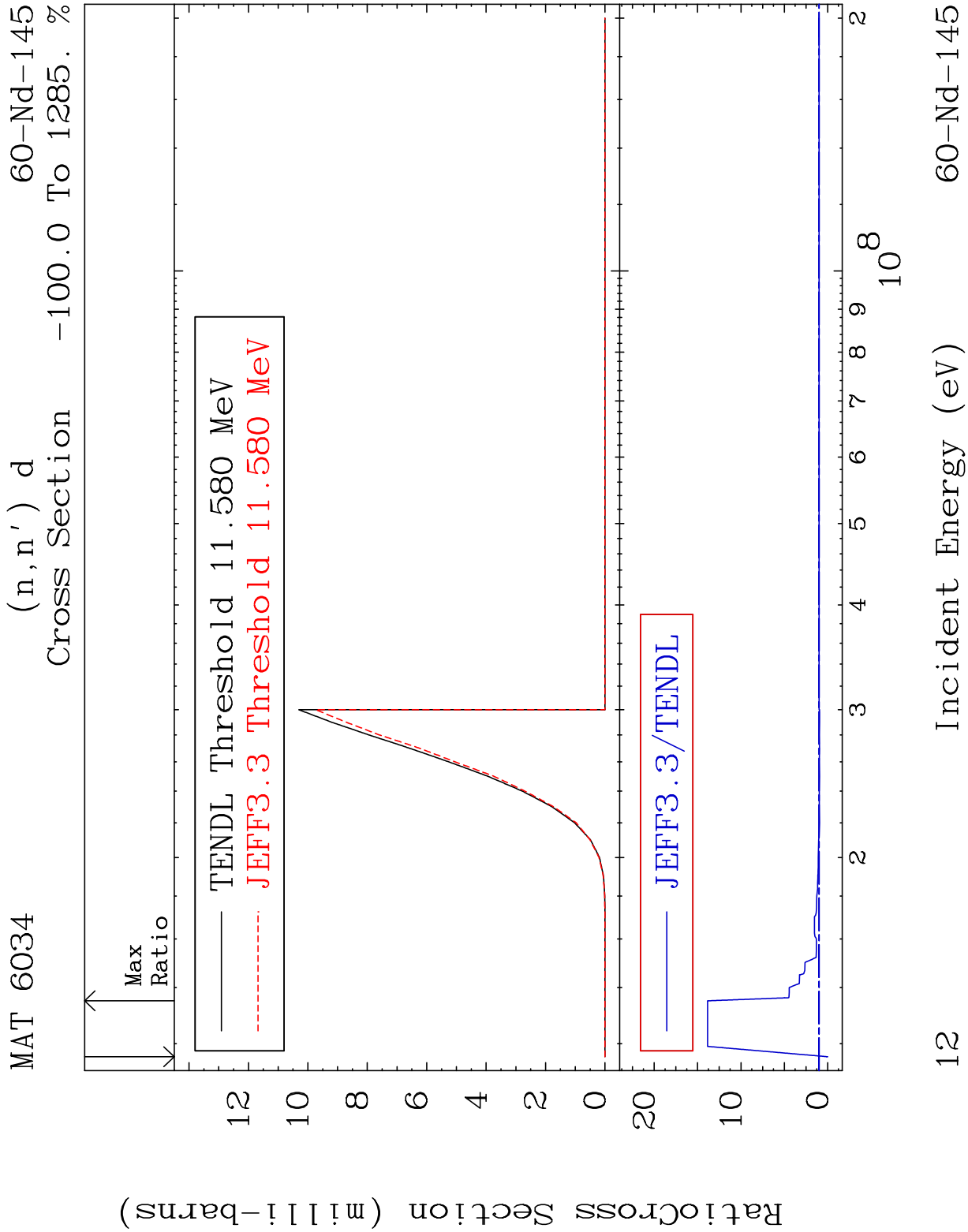










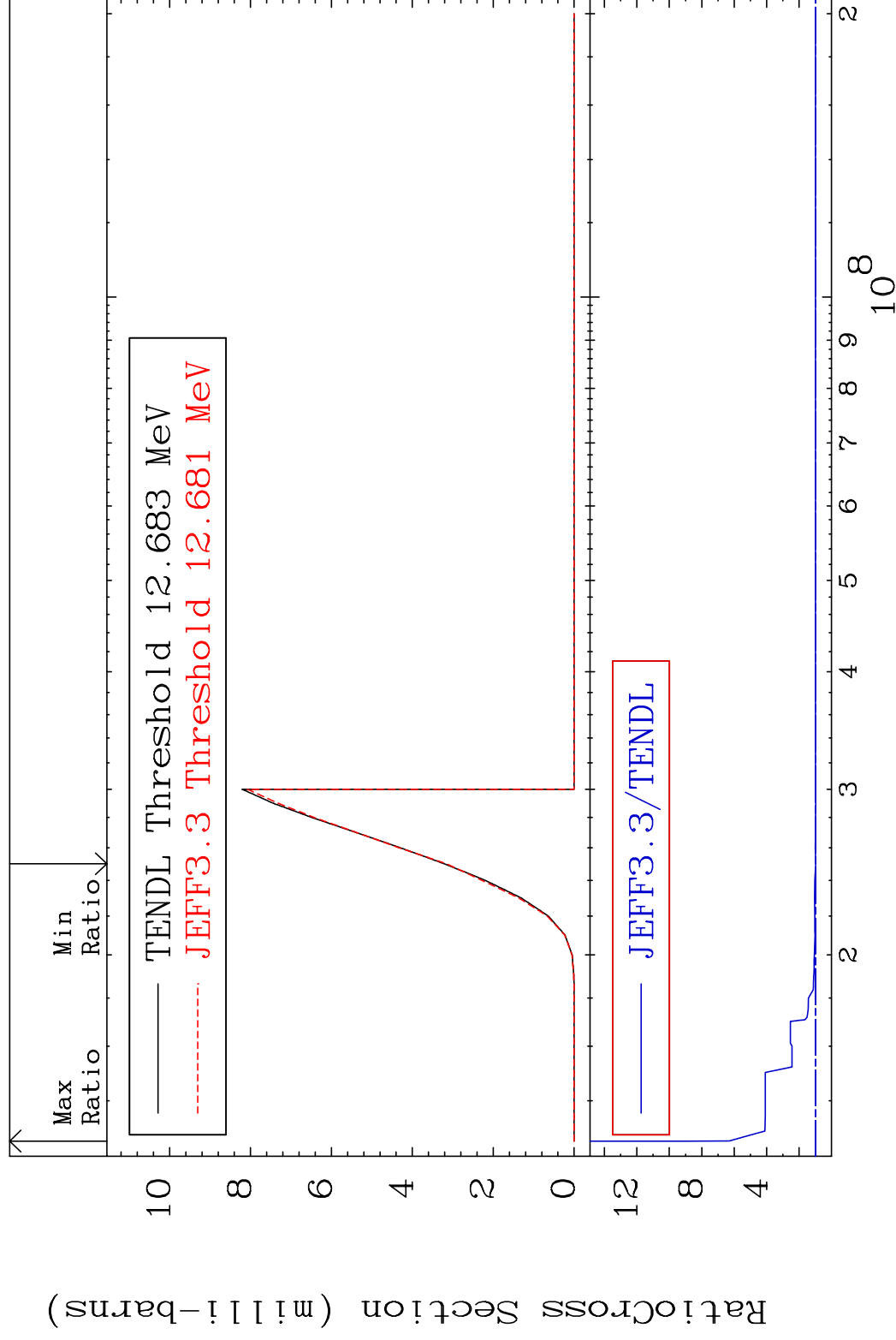


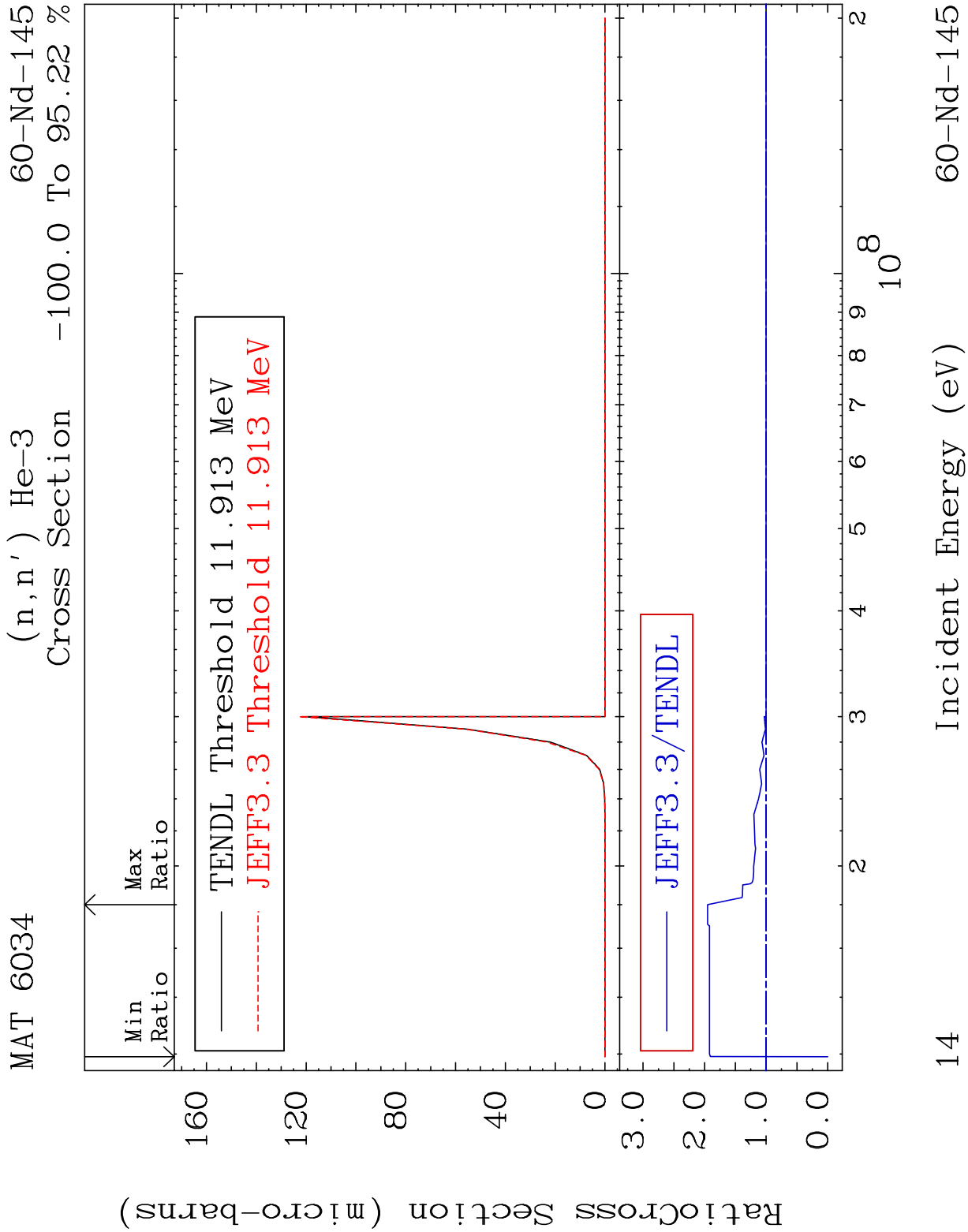
MAT 6034

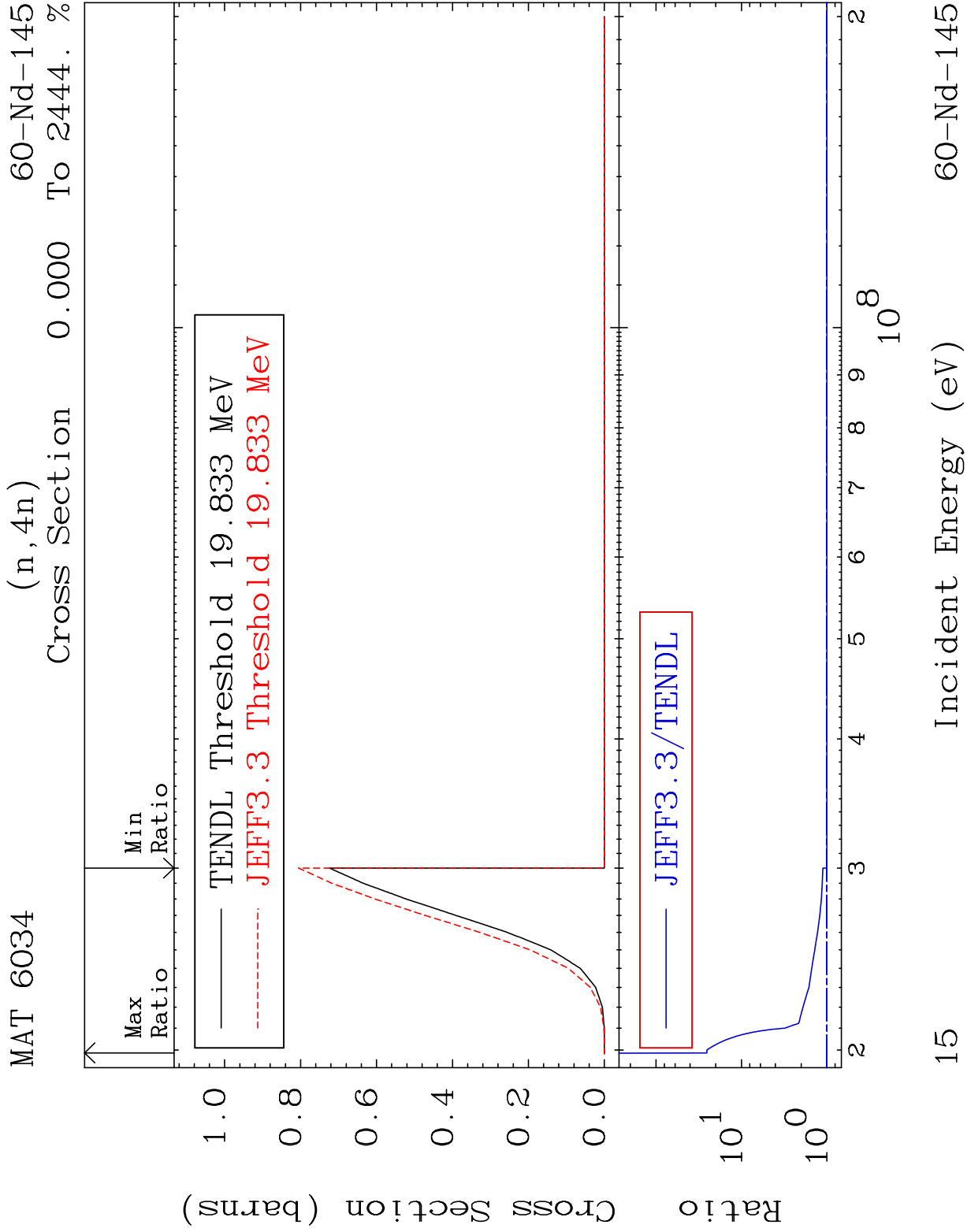
$$(n, n')t$$

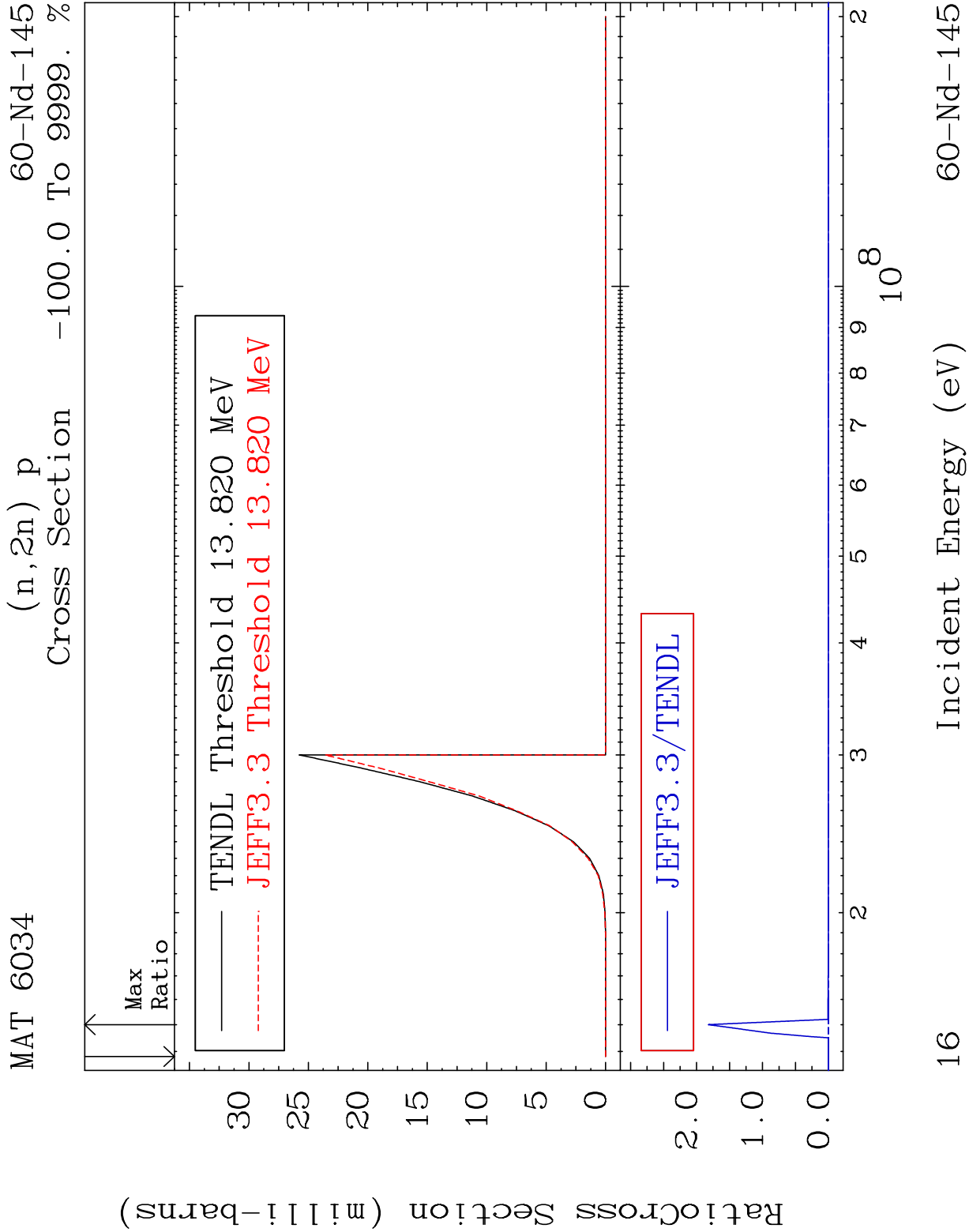
60-Nd-145

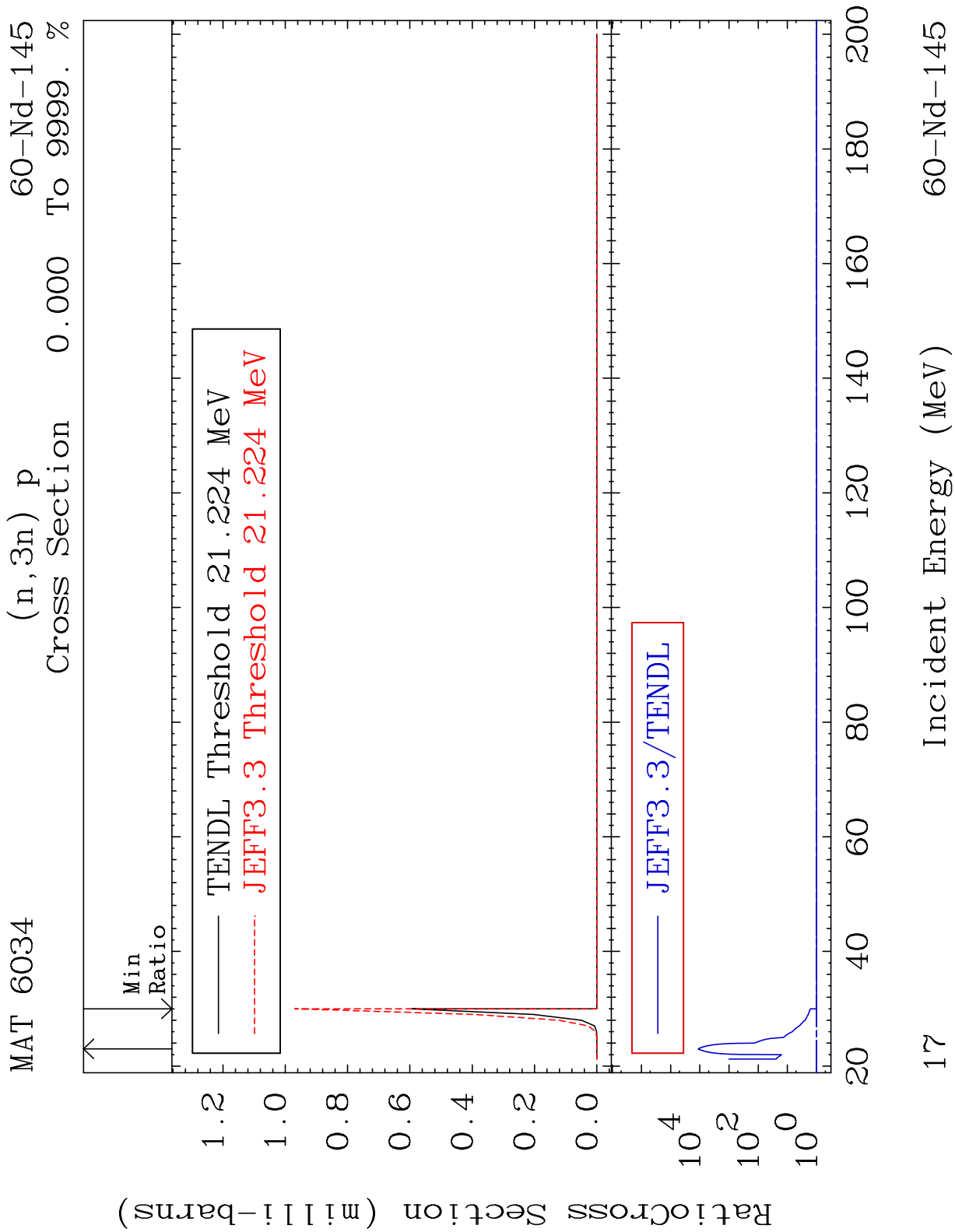
Cross Section -1.656 To 801.0 %

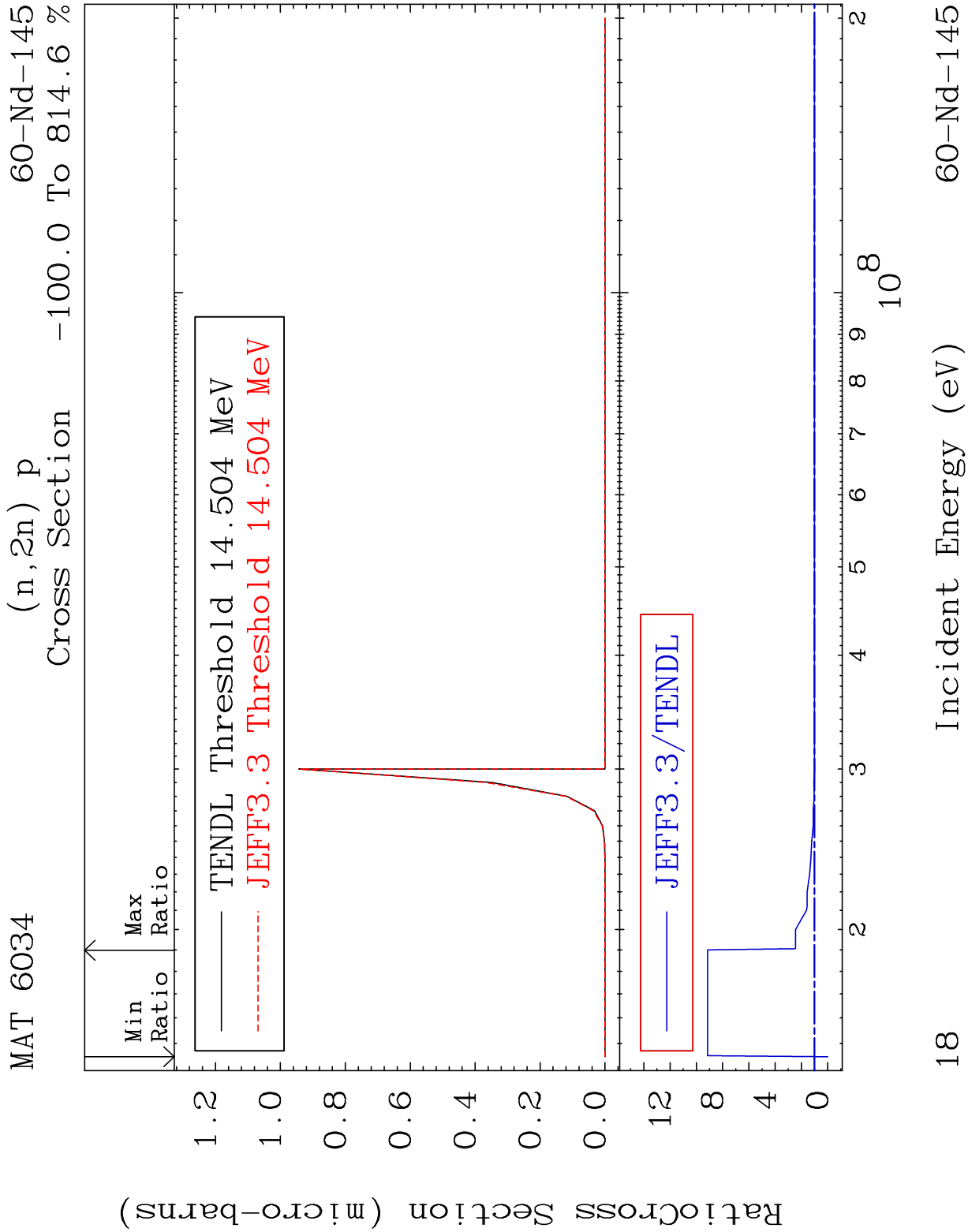


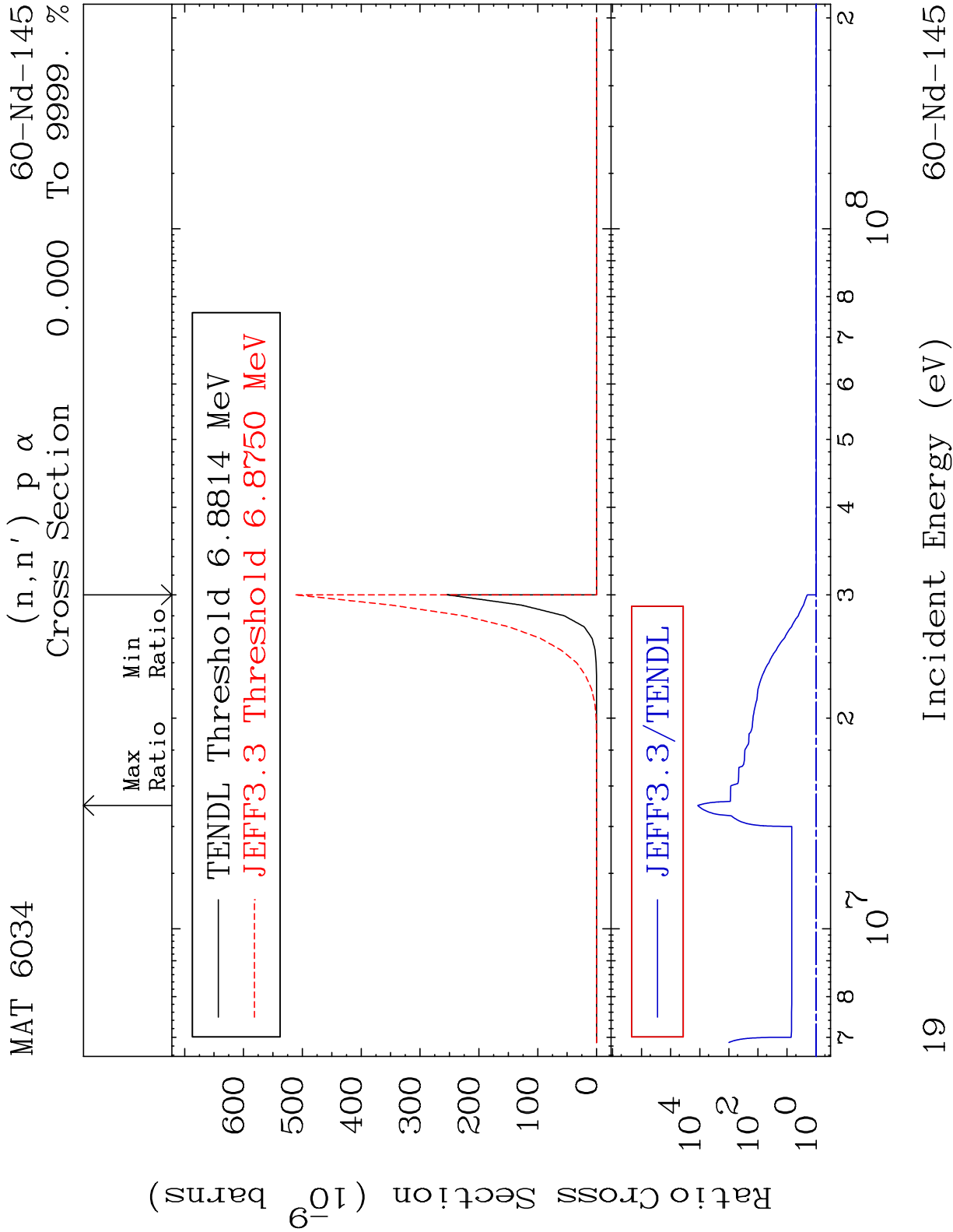


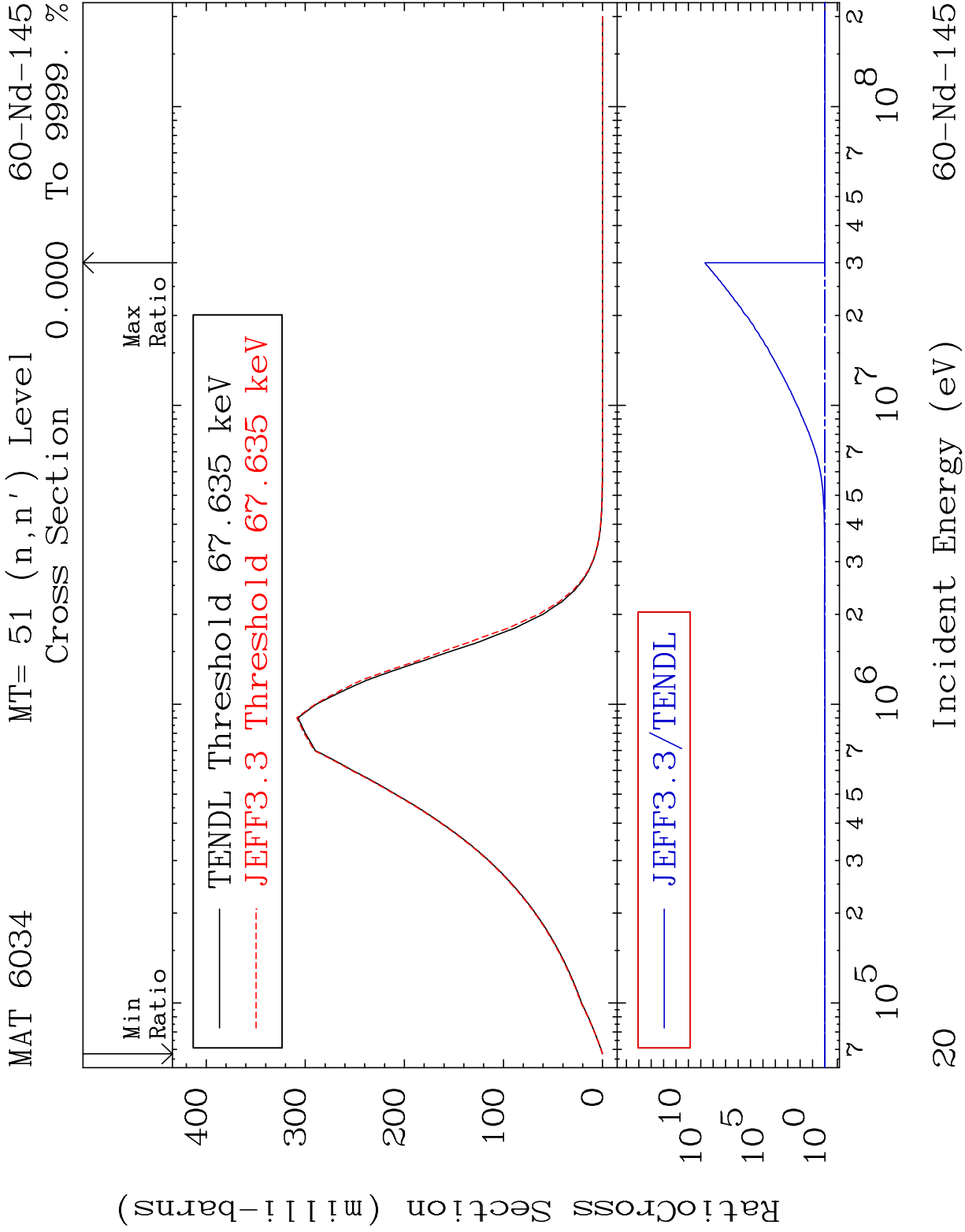


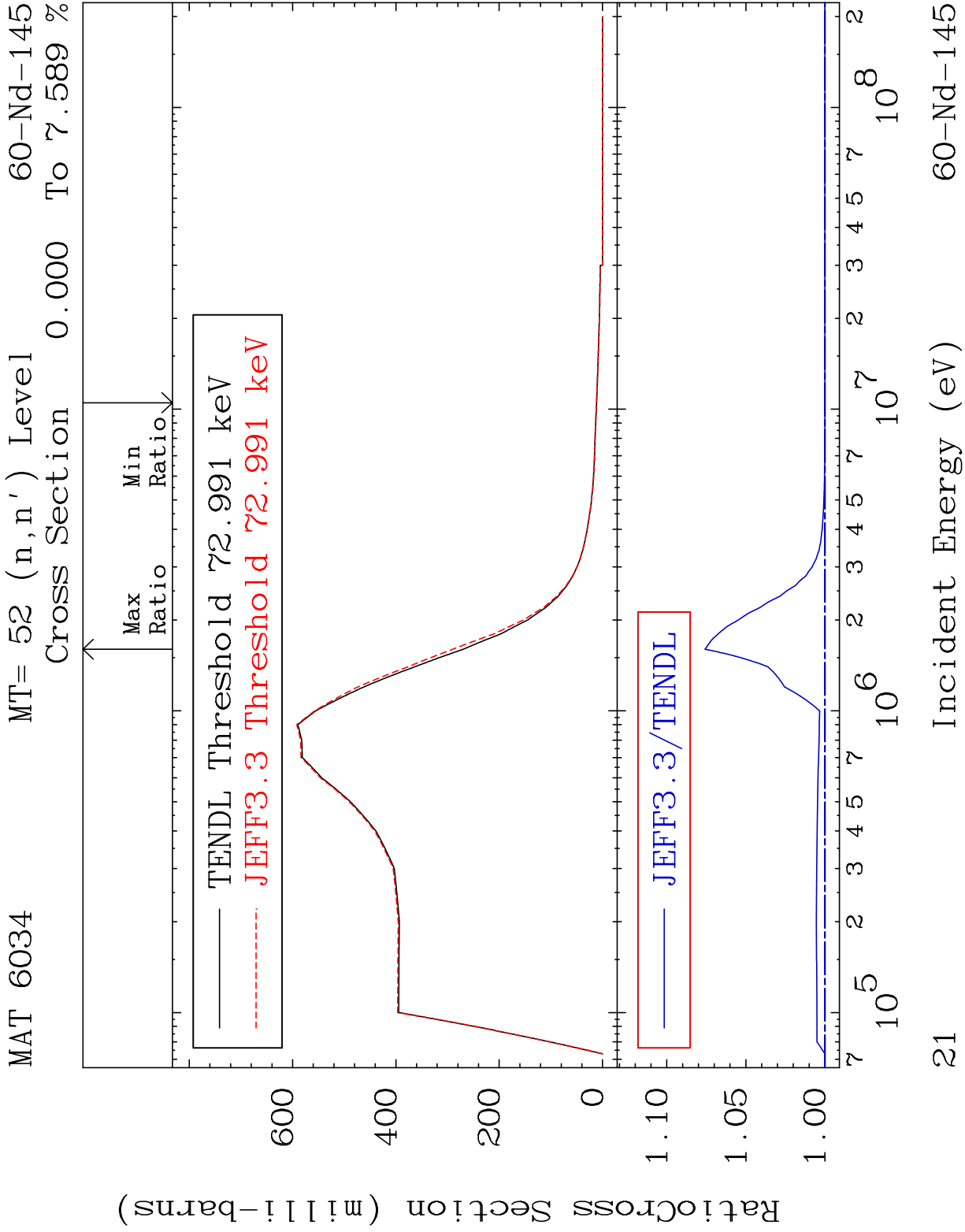


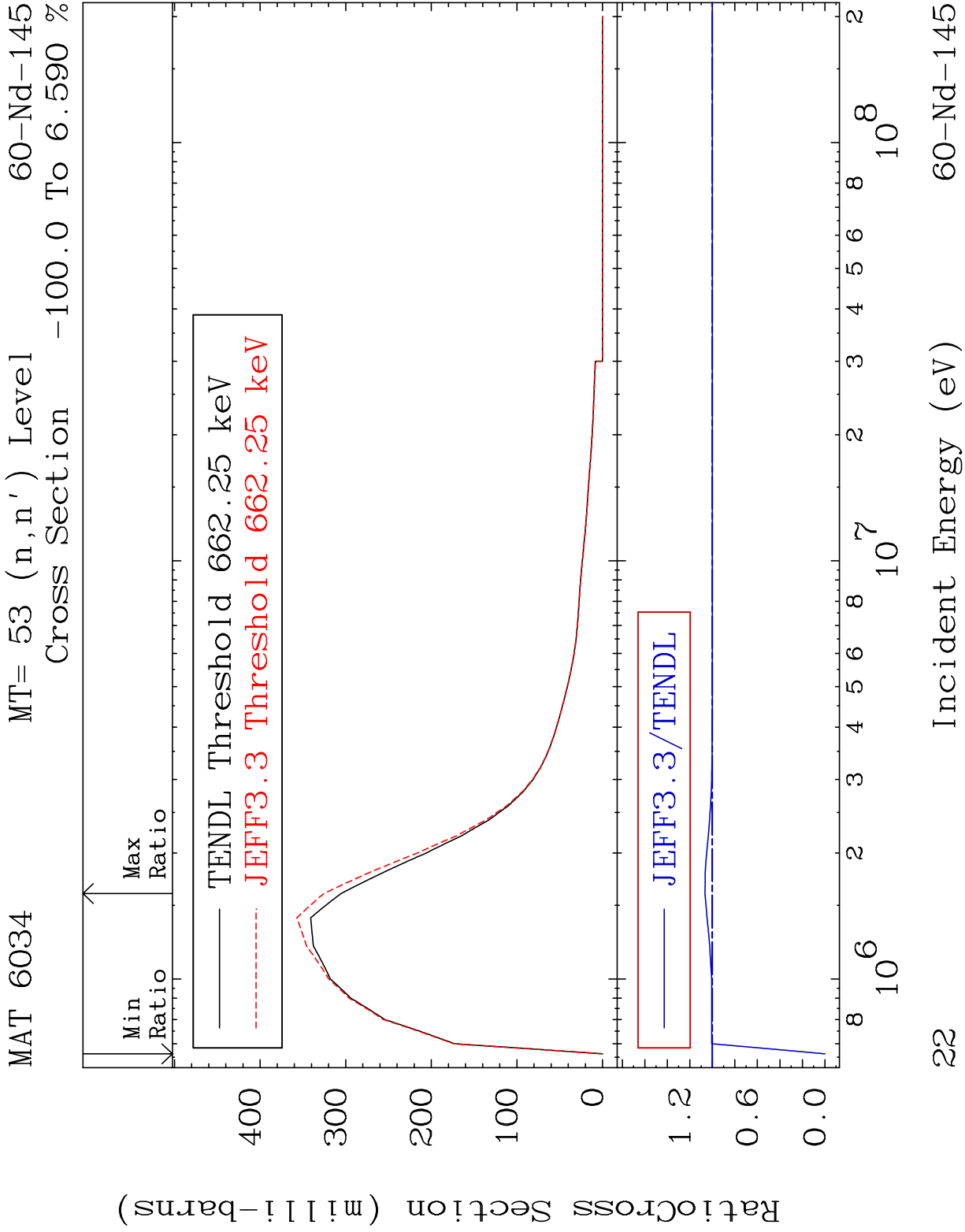


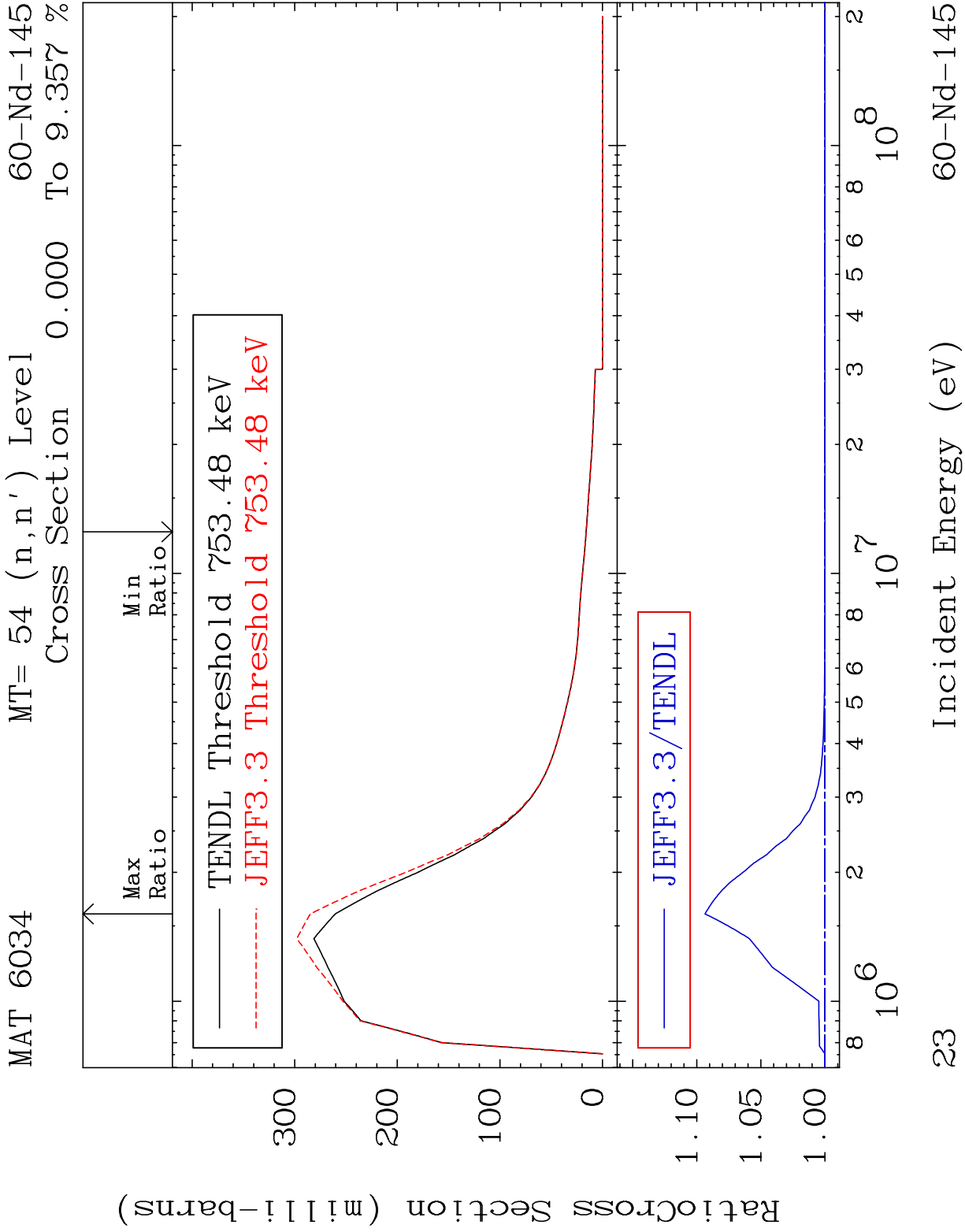


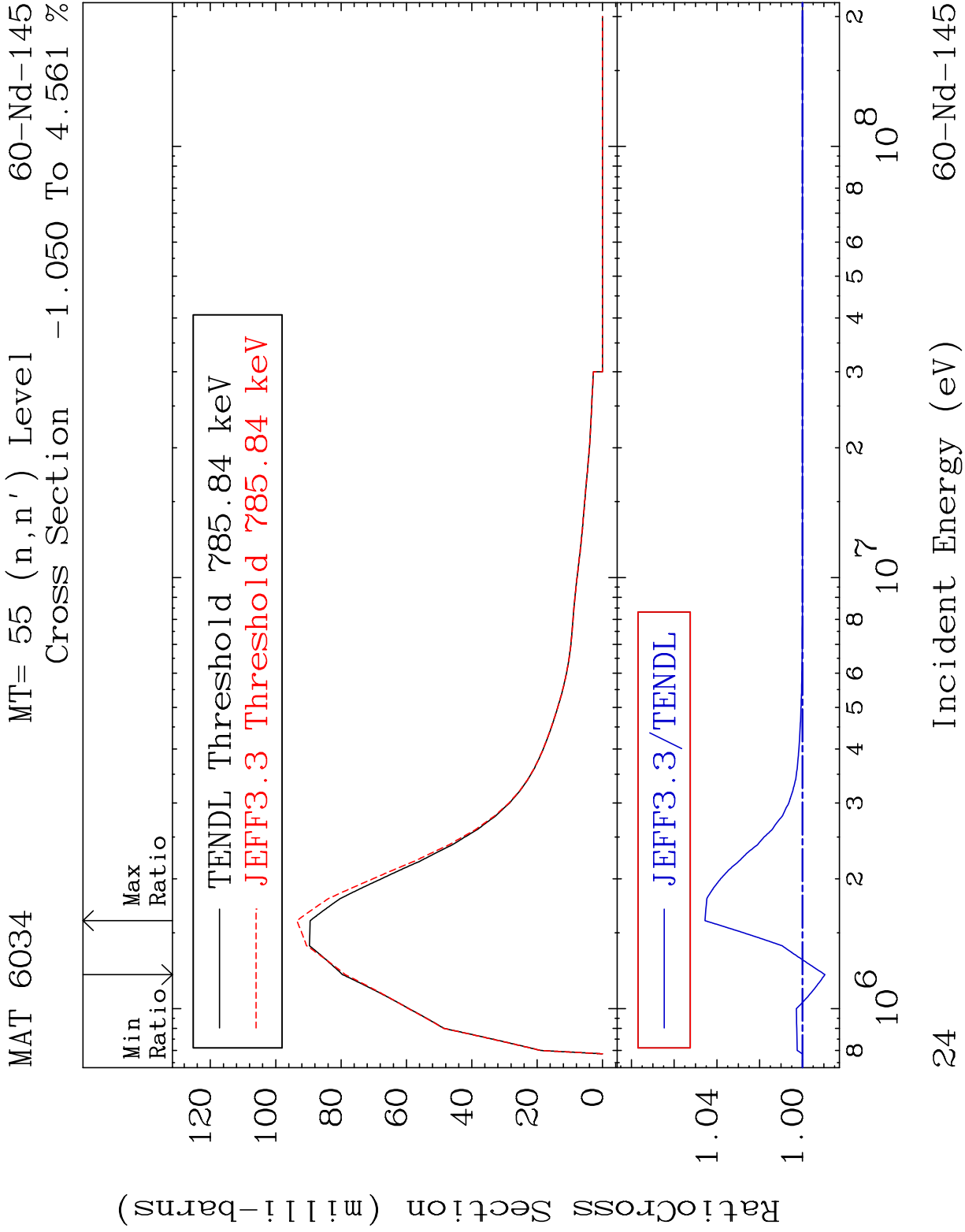


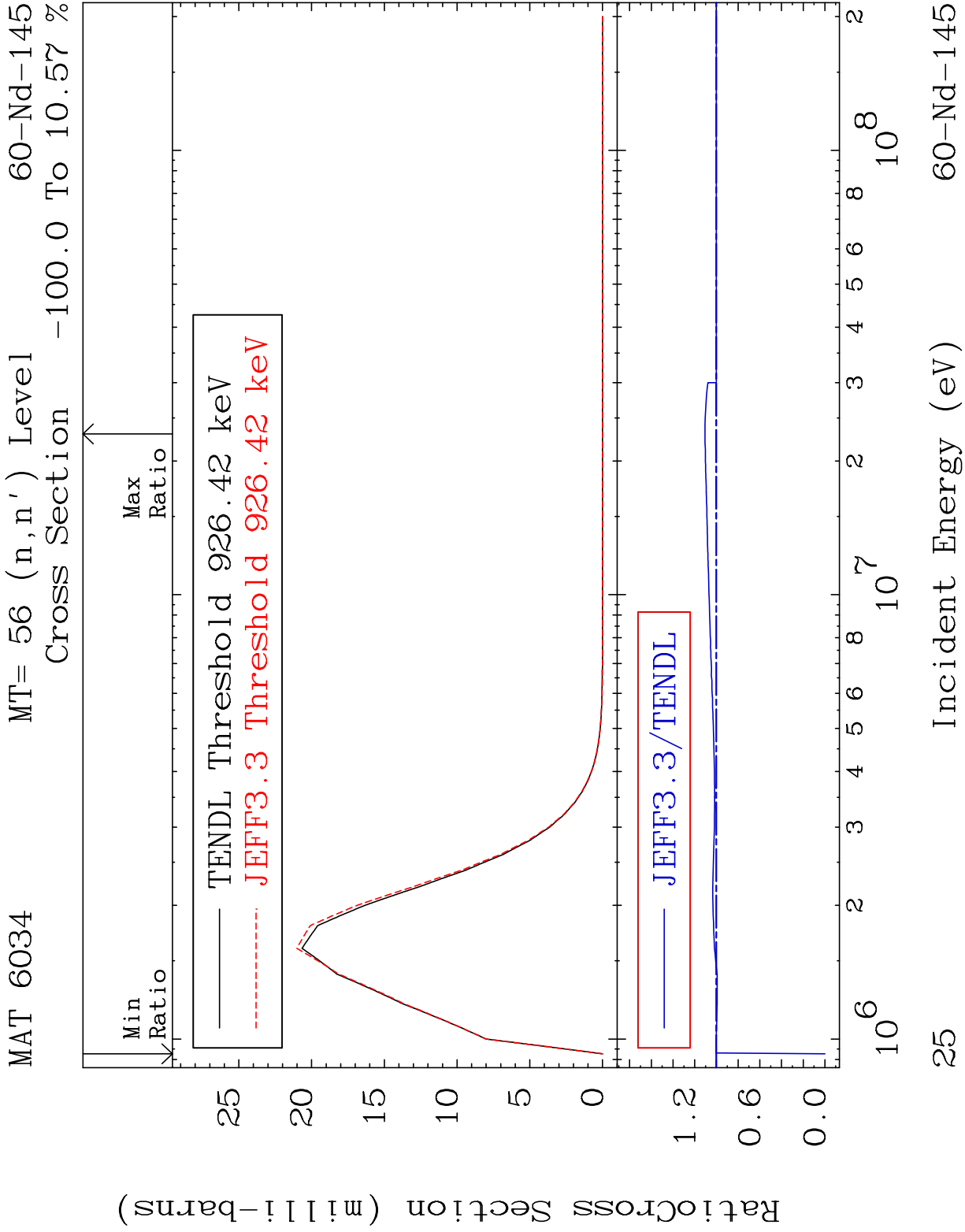


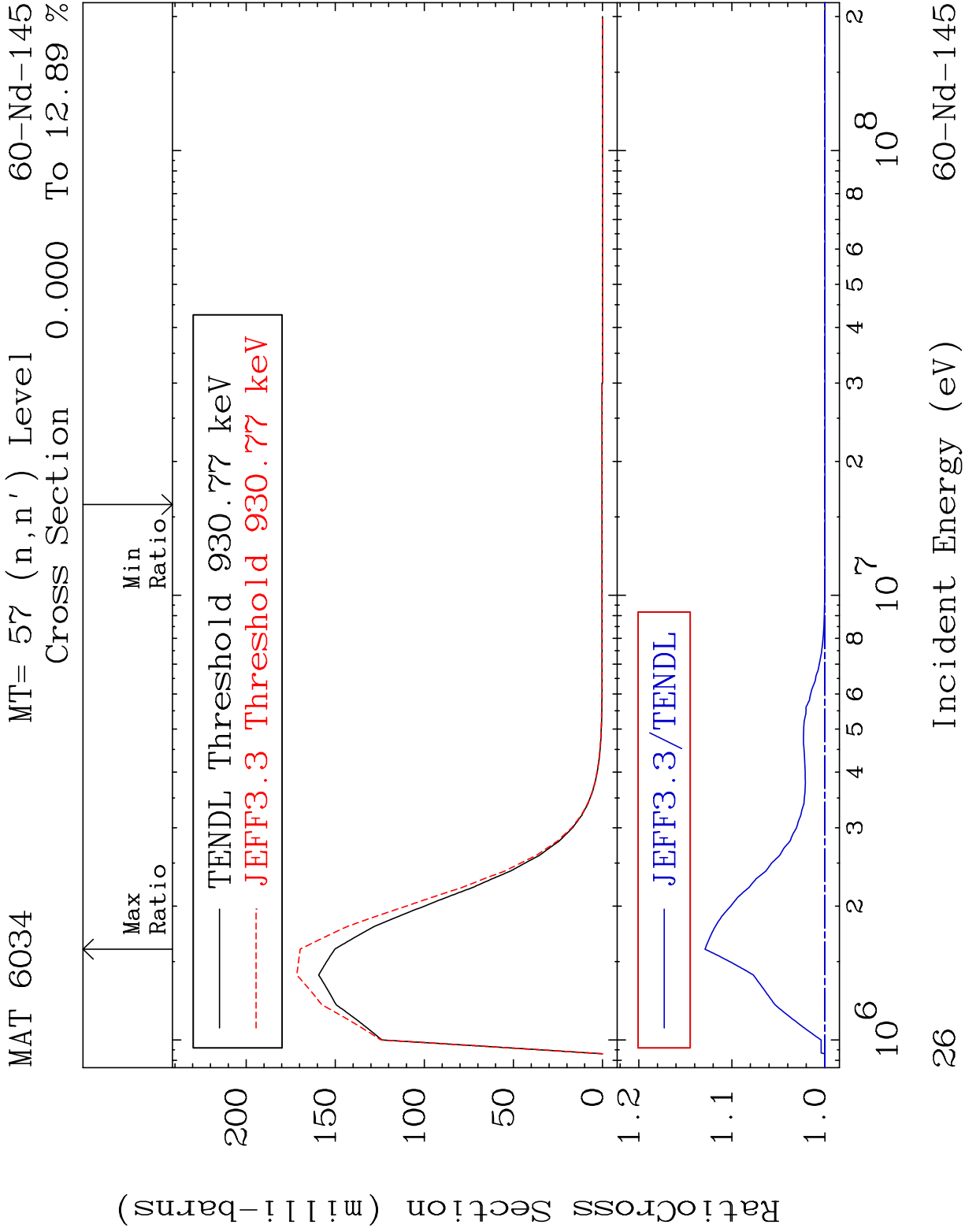




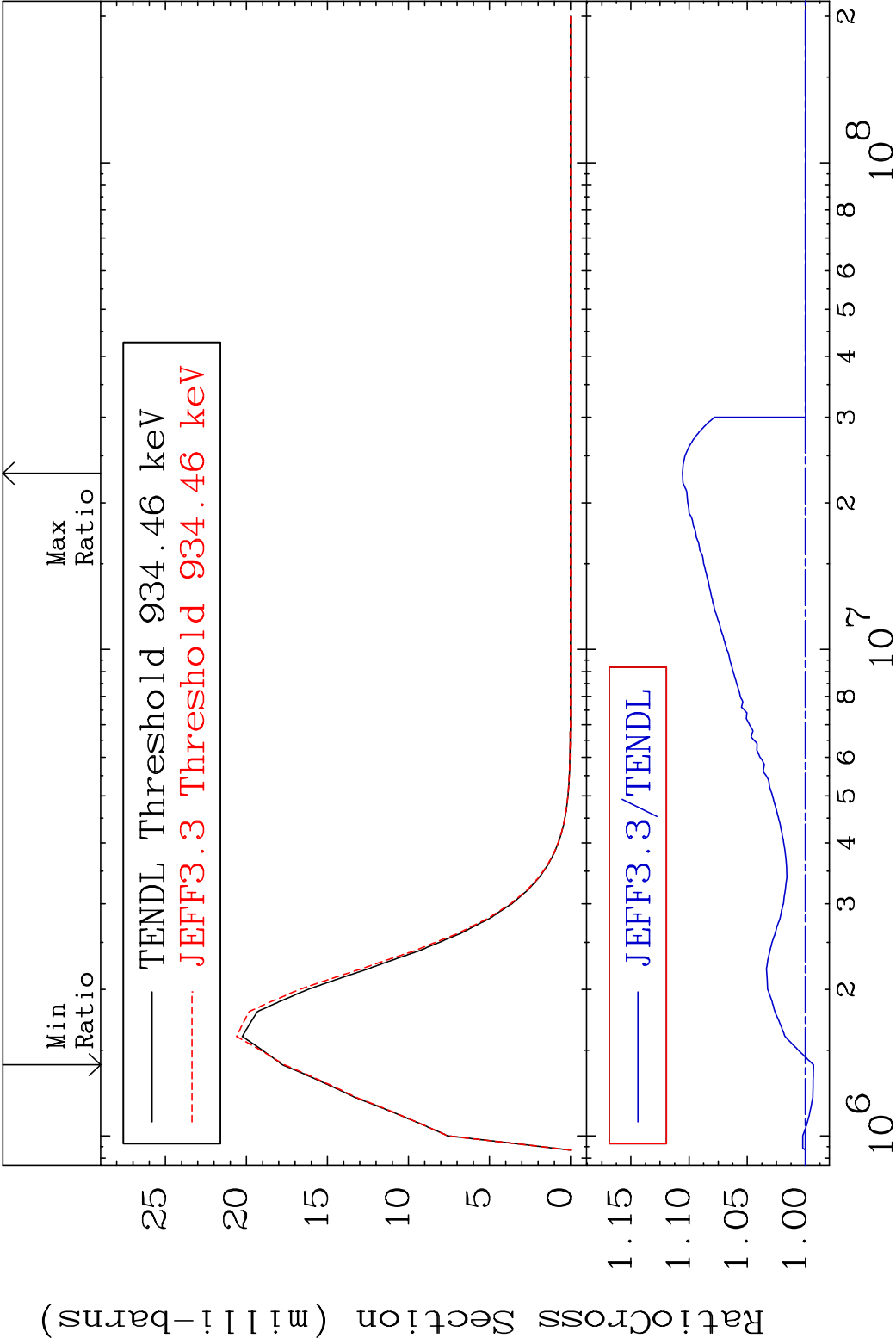








MAT 6034 MT= 58 (n,n') Level 60-Nd-145
Cross Section -0.686 To 10.57 %



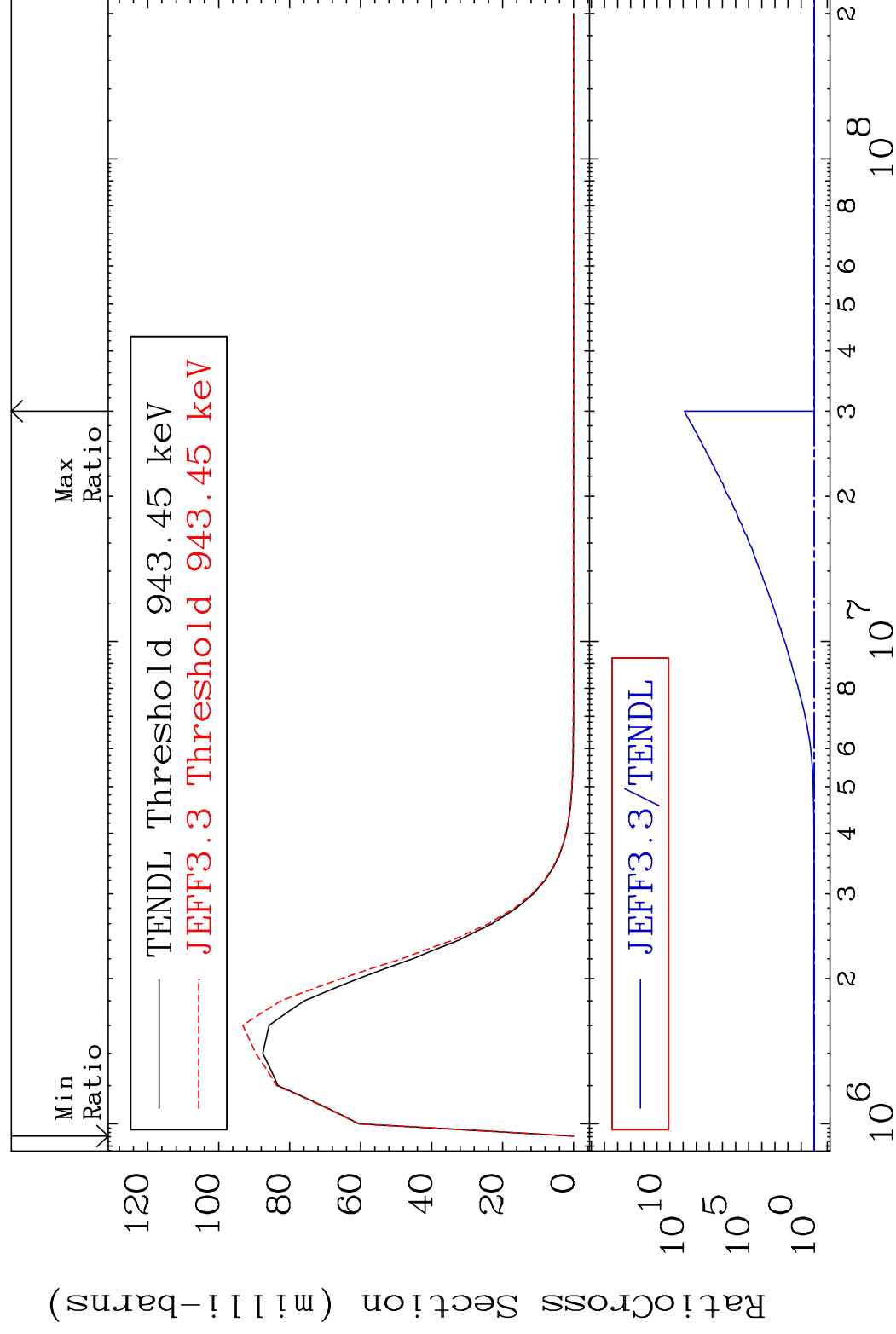
27 Incident Energy (eV) 60-Nd-145

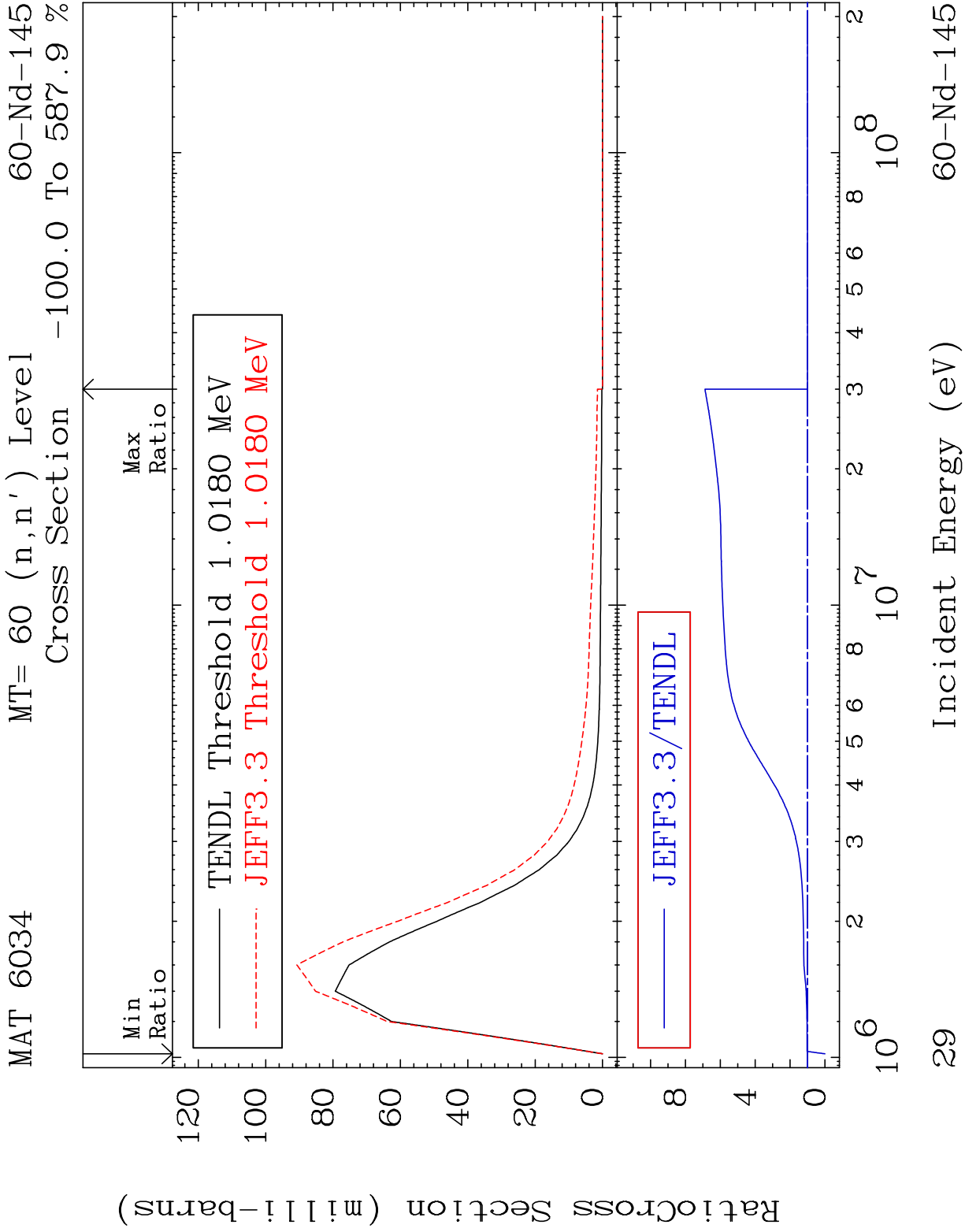
MAT 6034

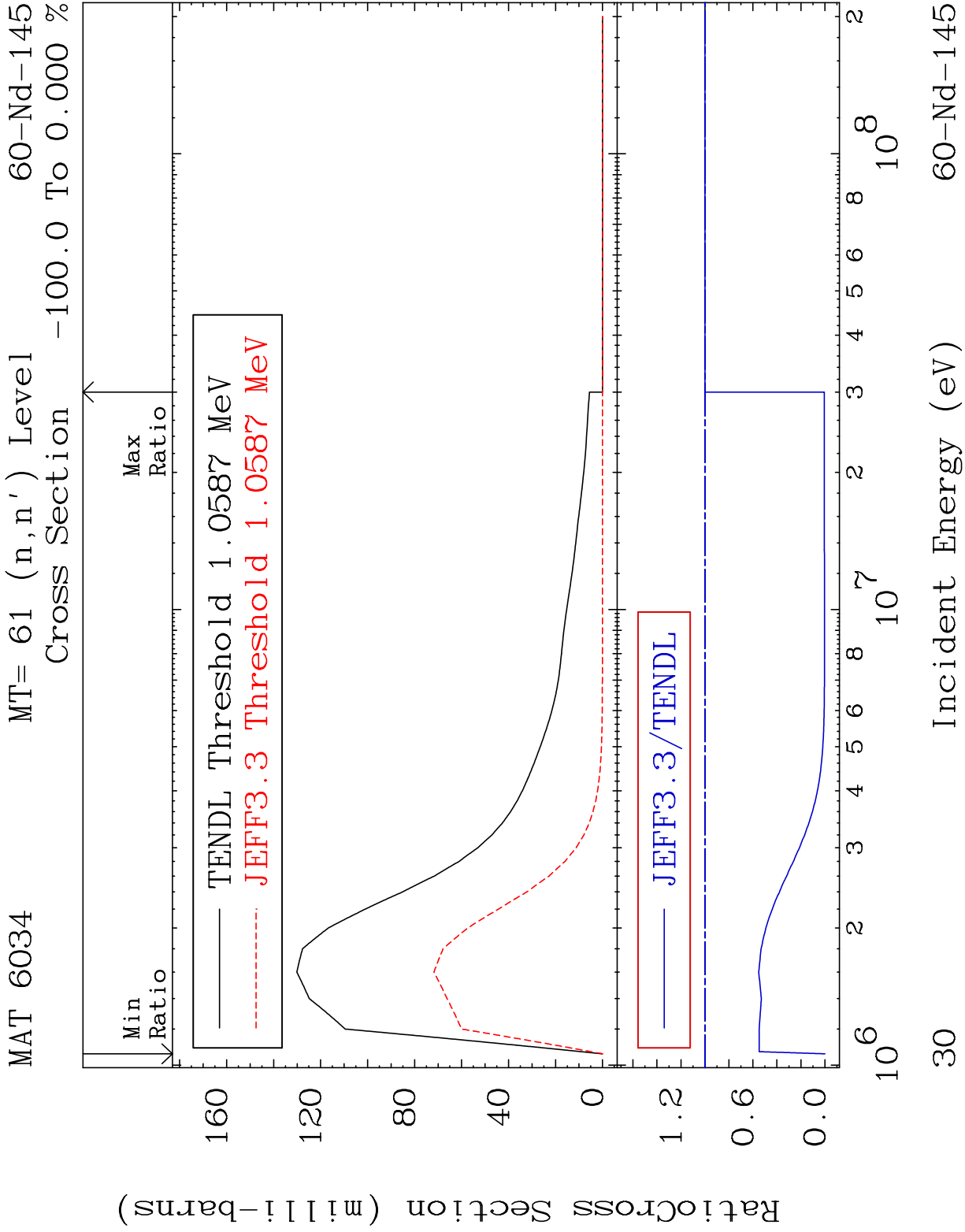
MT= 59 (n, n') Level

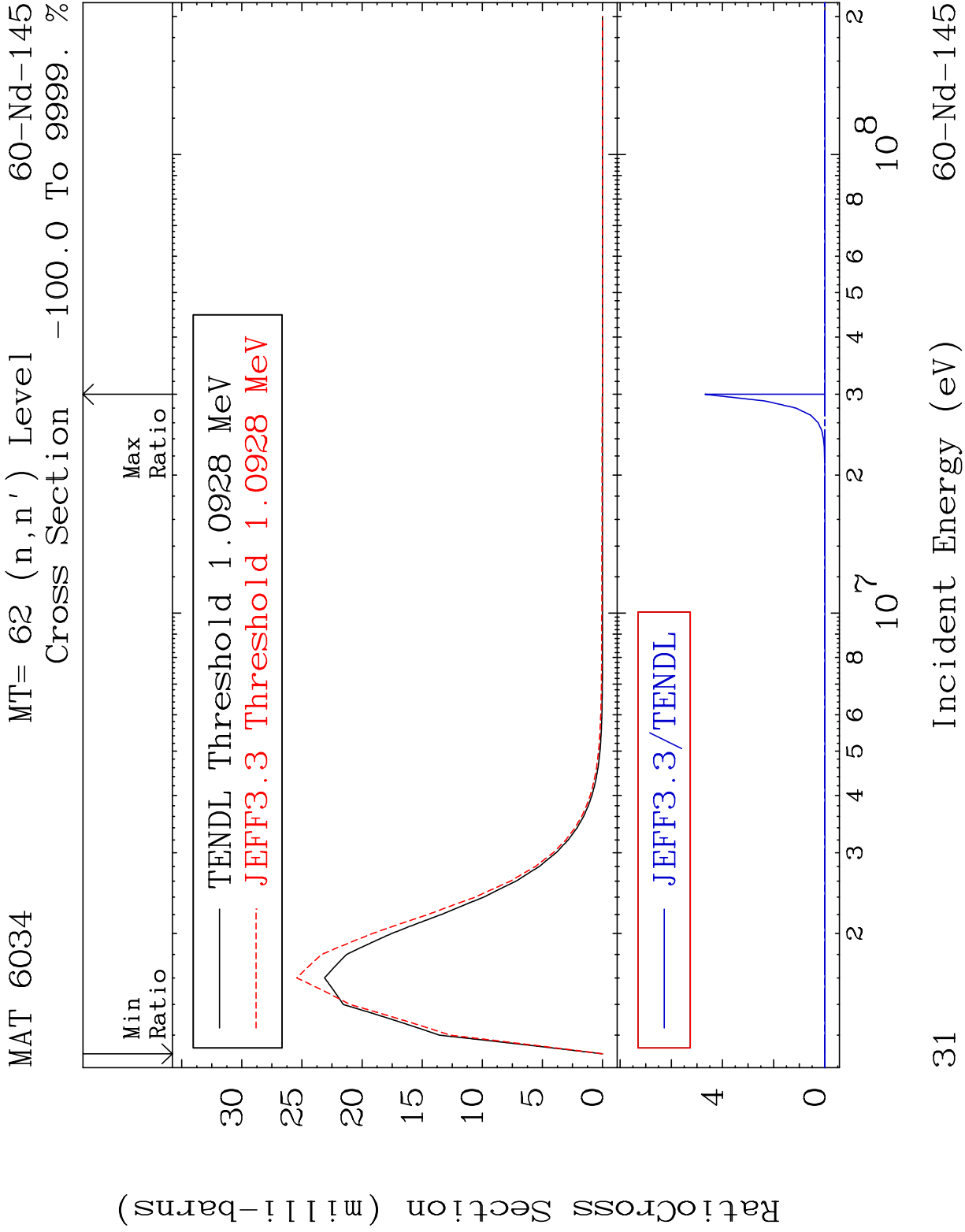
60-Nd-145

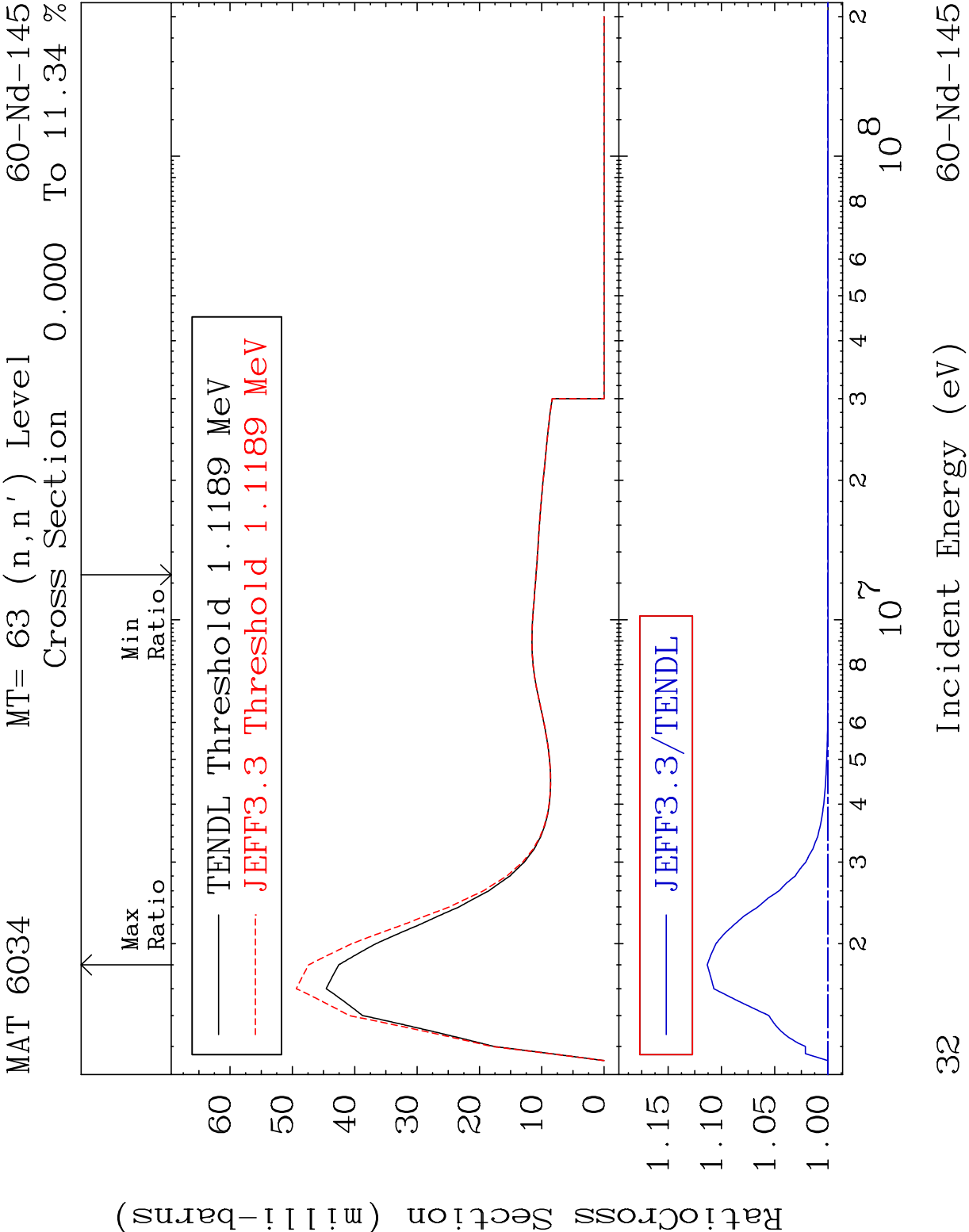
Cross Section 0.000 To 9999. %











MAT 6034

MT= 64 (n,n')

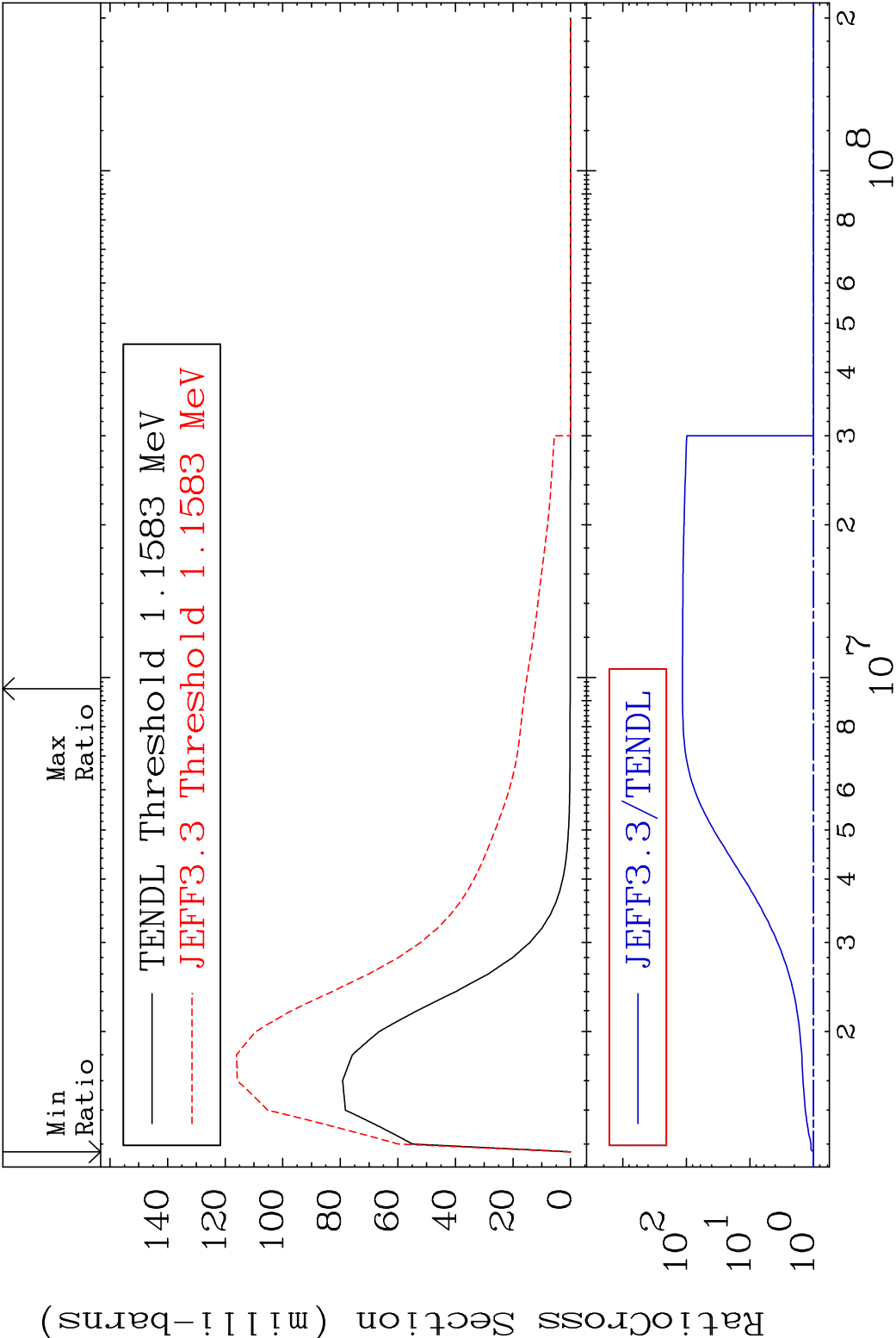
Level

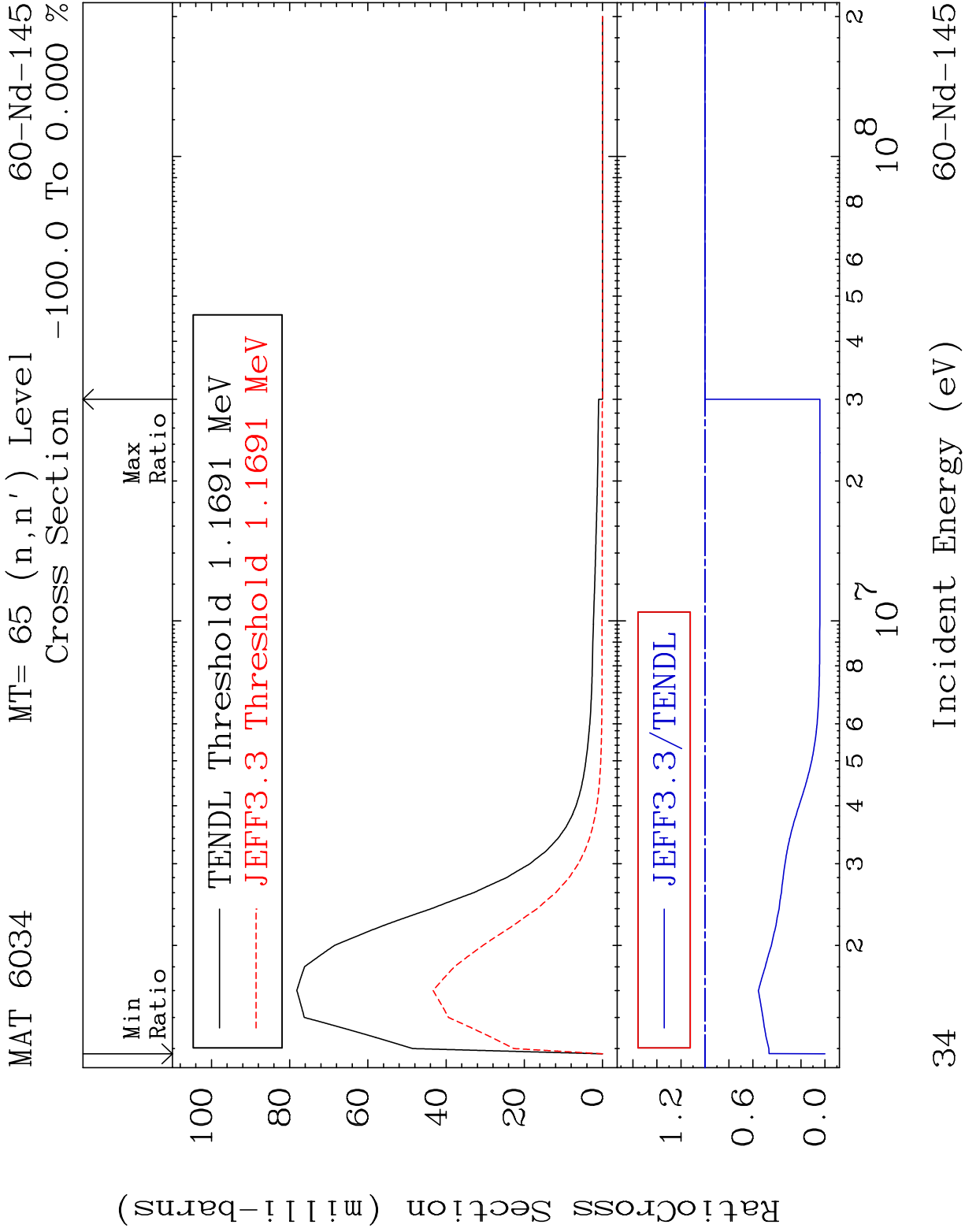
60-Nd-145

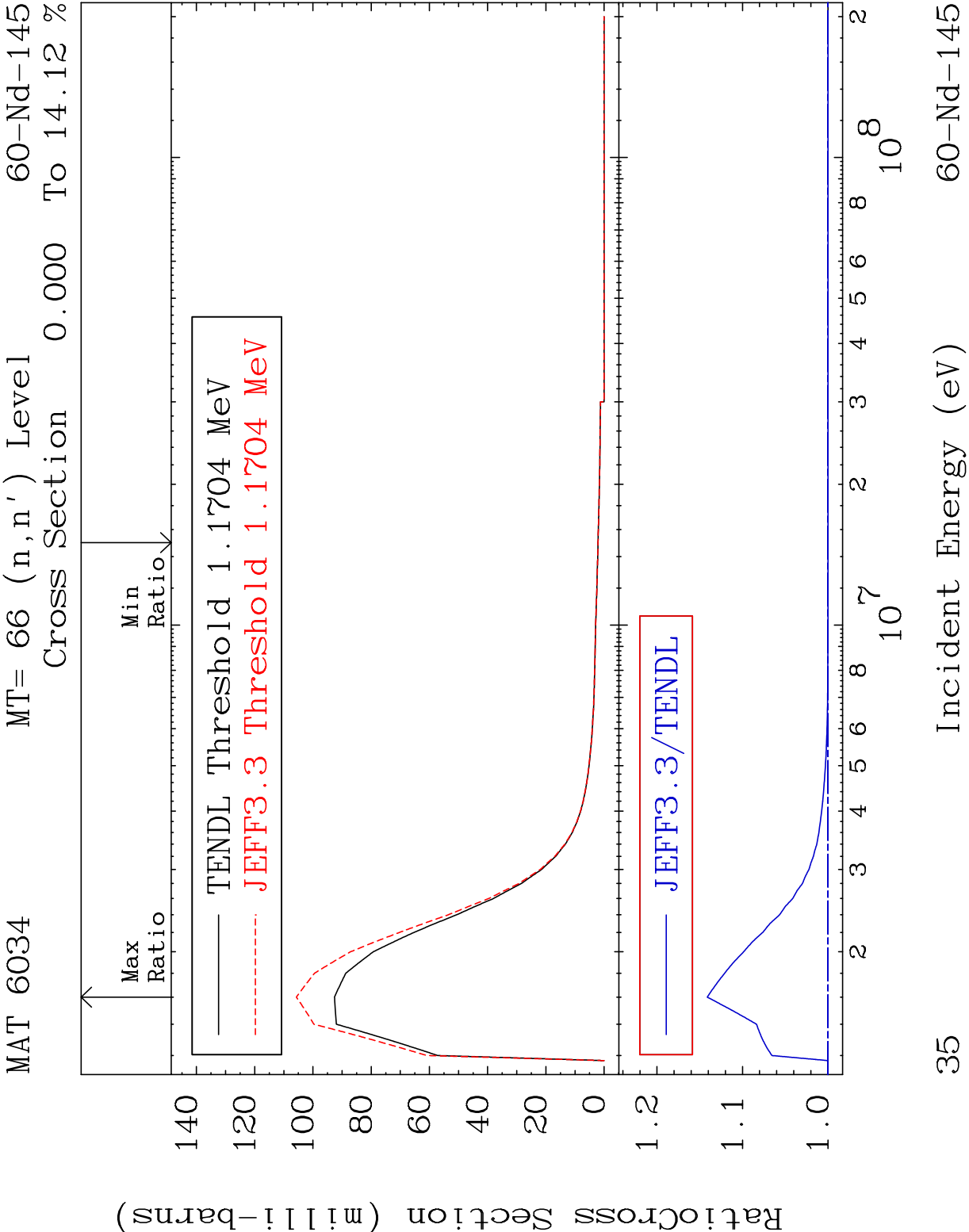
Cross Section

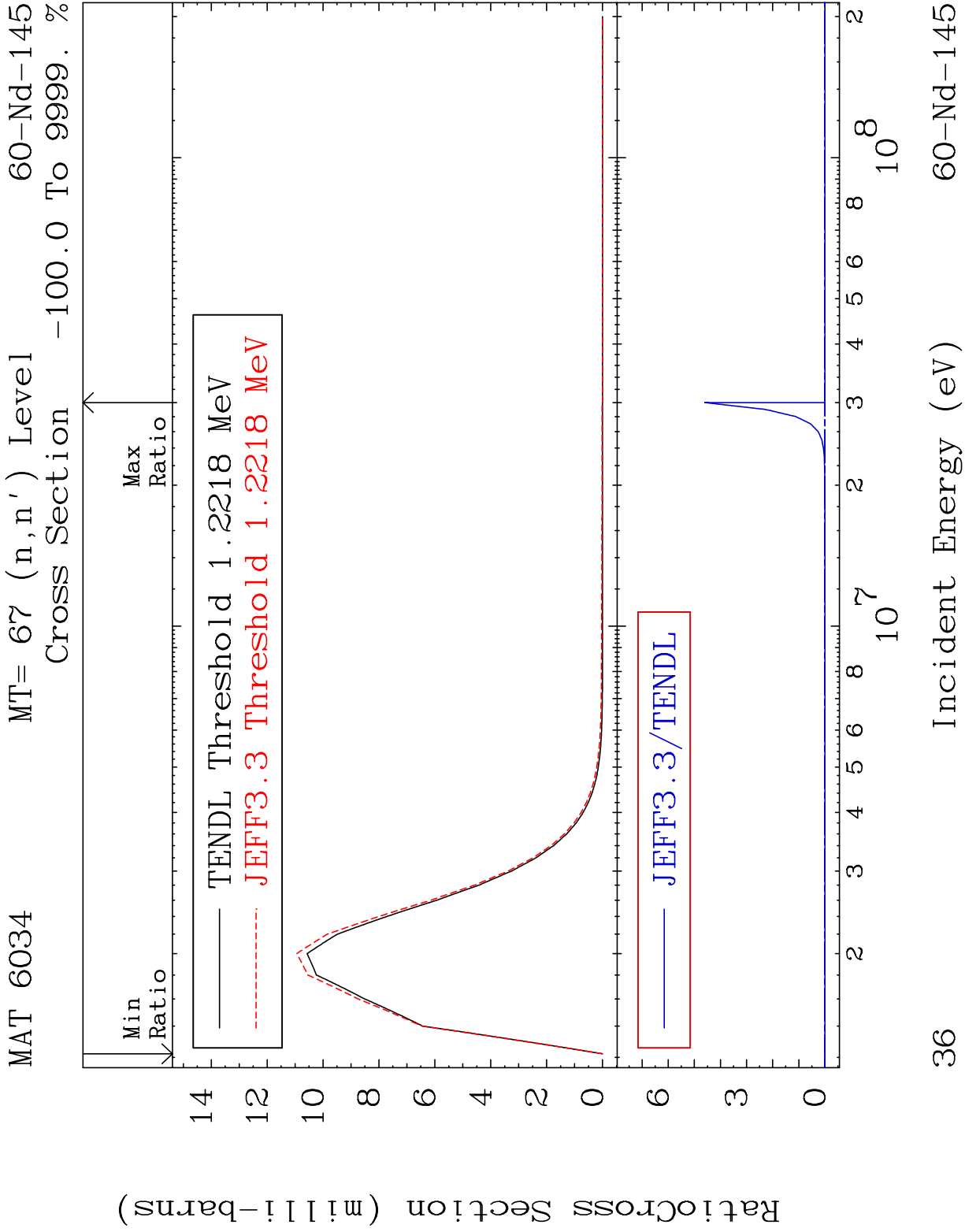
0.000

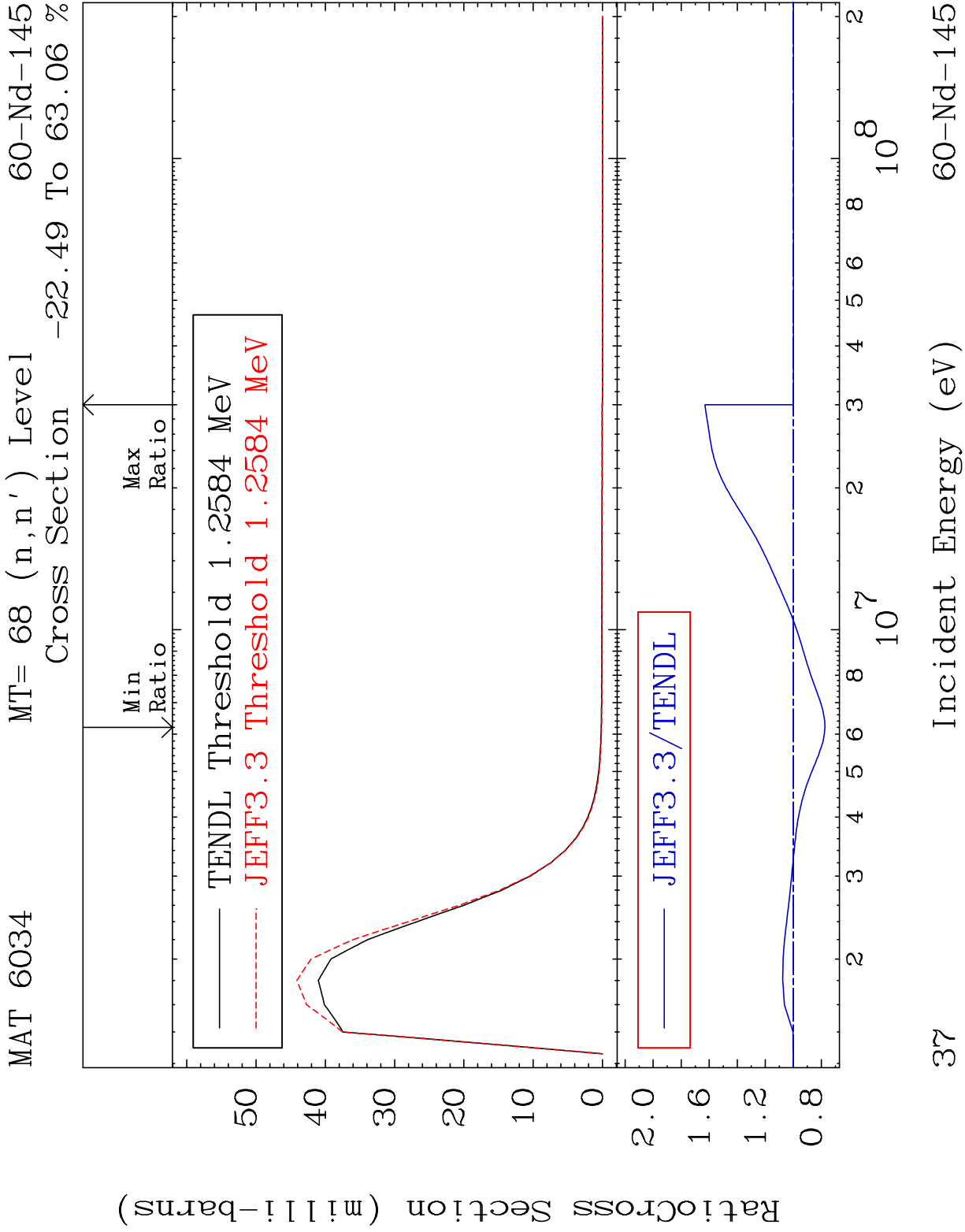
To 9999. %

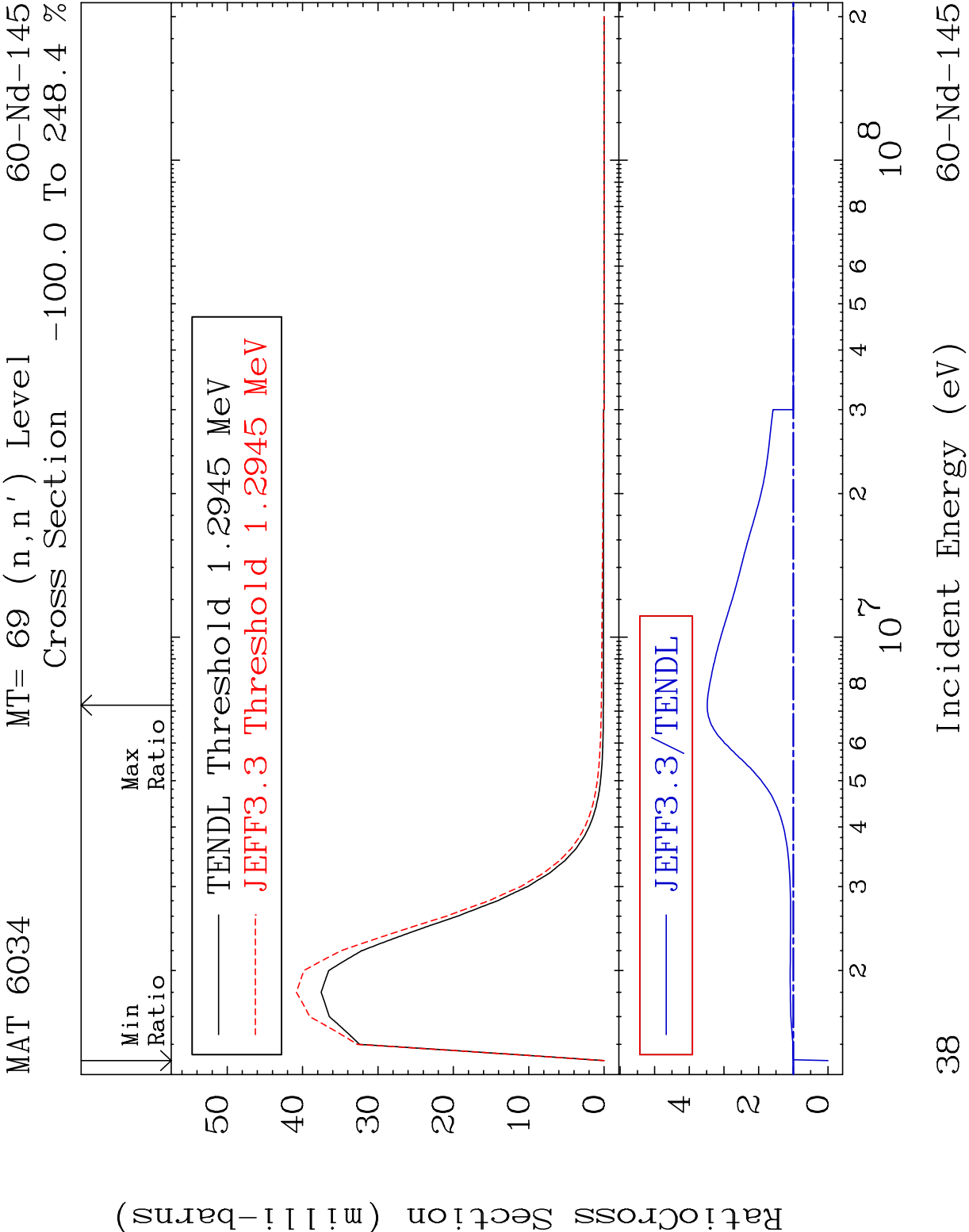


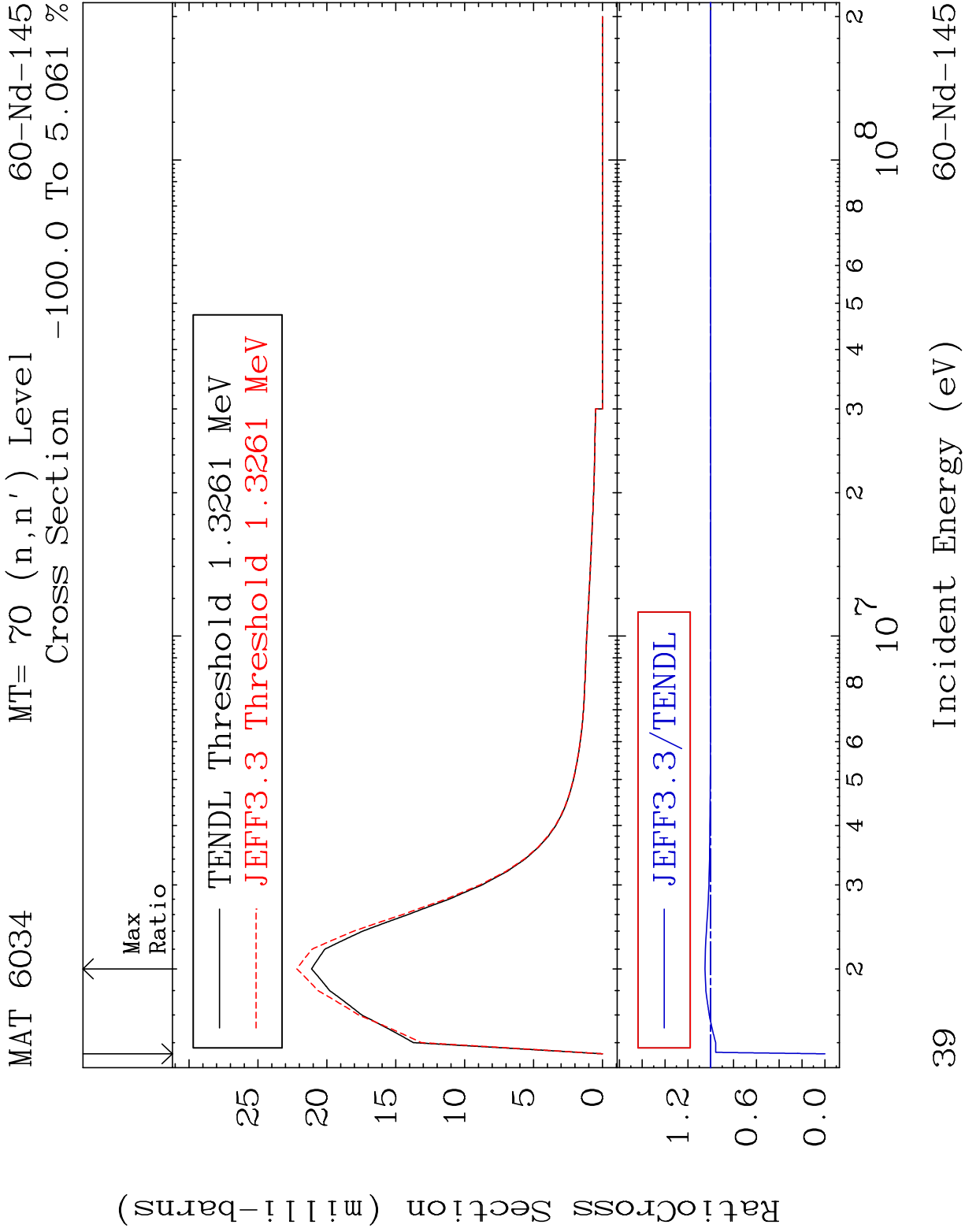












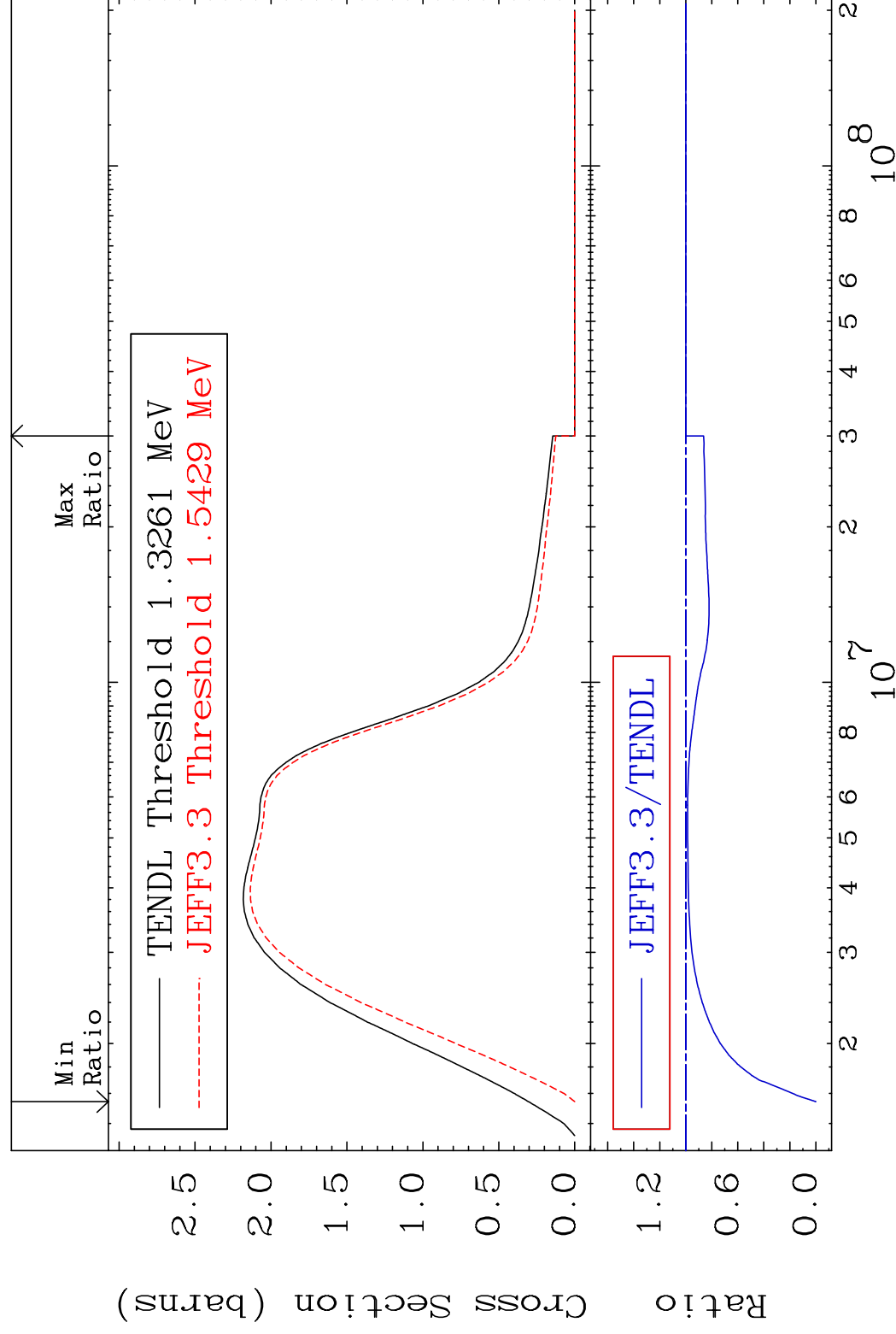
MAT 6034

(n,n') Continuum

60-Nd-145

-100.0 To 0.000 %

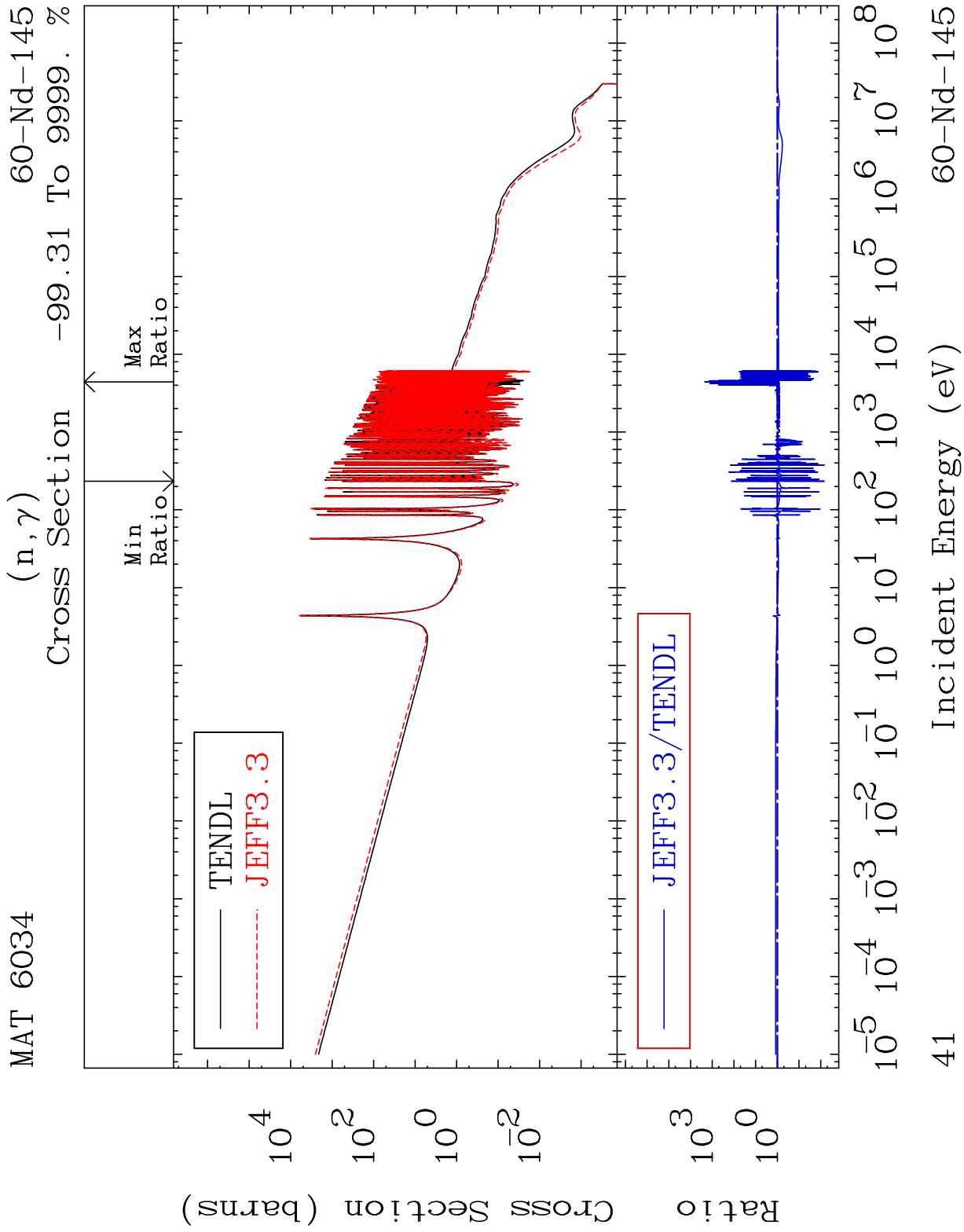
-100.0 To 0.000 %

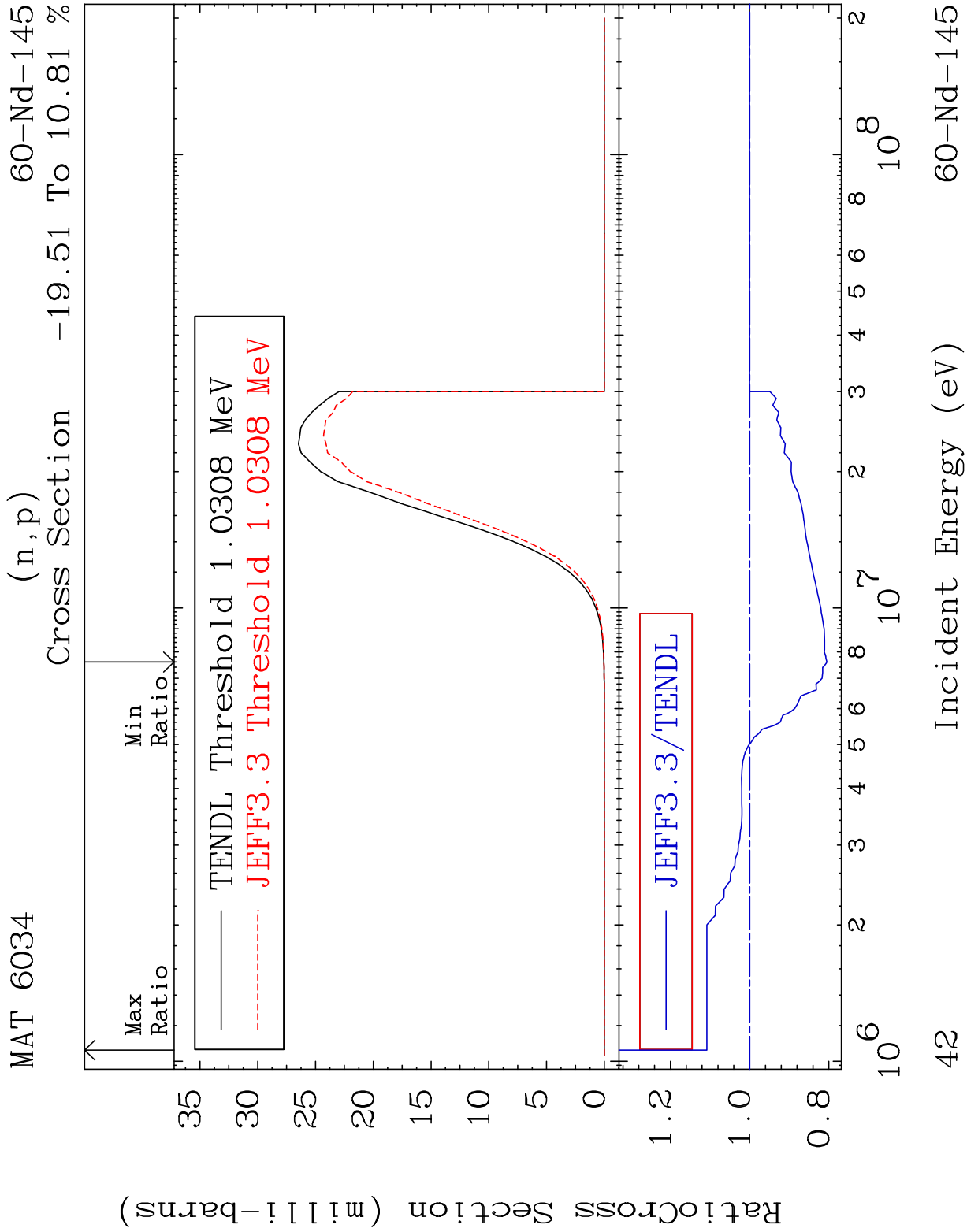


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Incident Energy (eV)

60-Nd-145



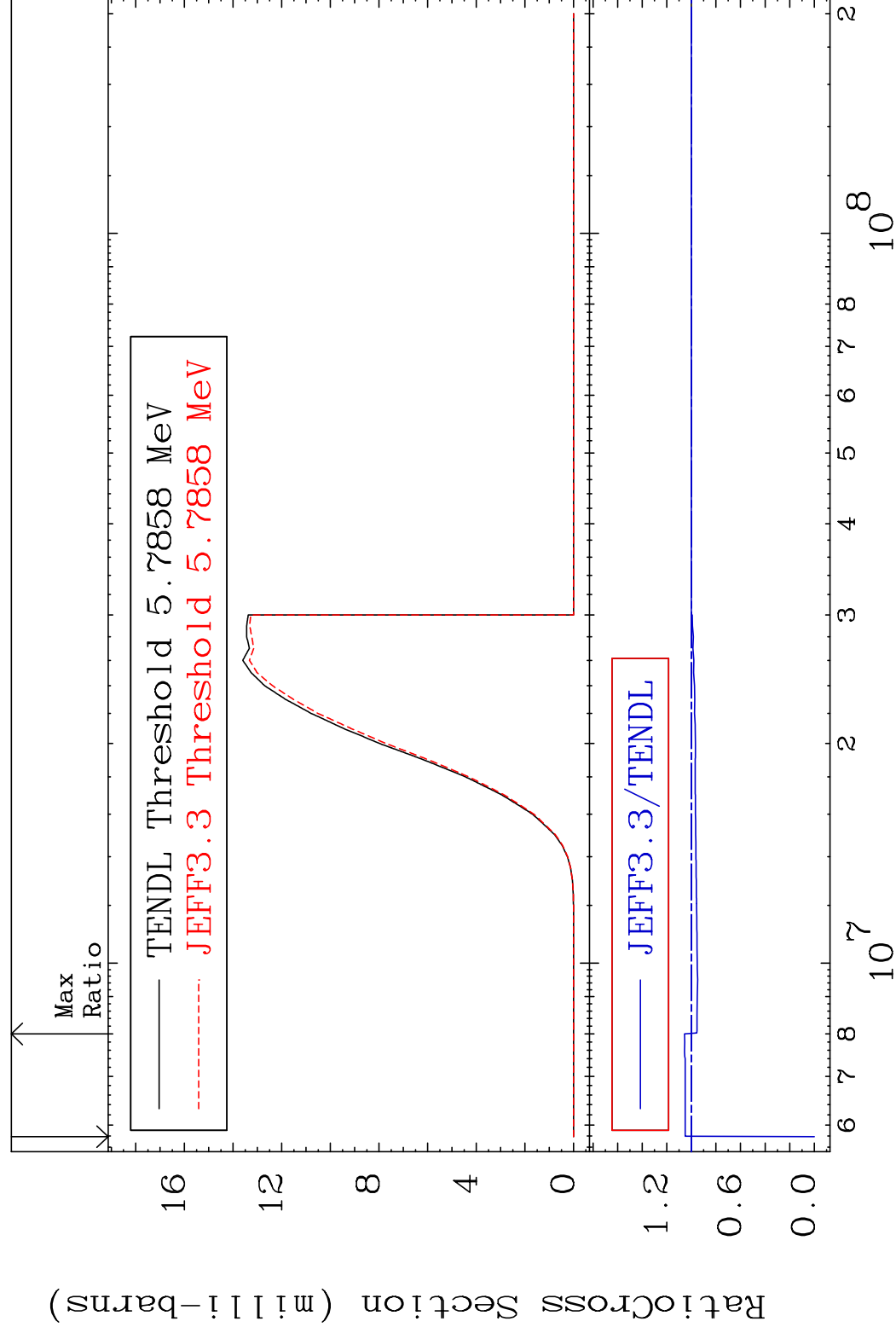


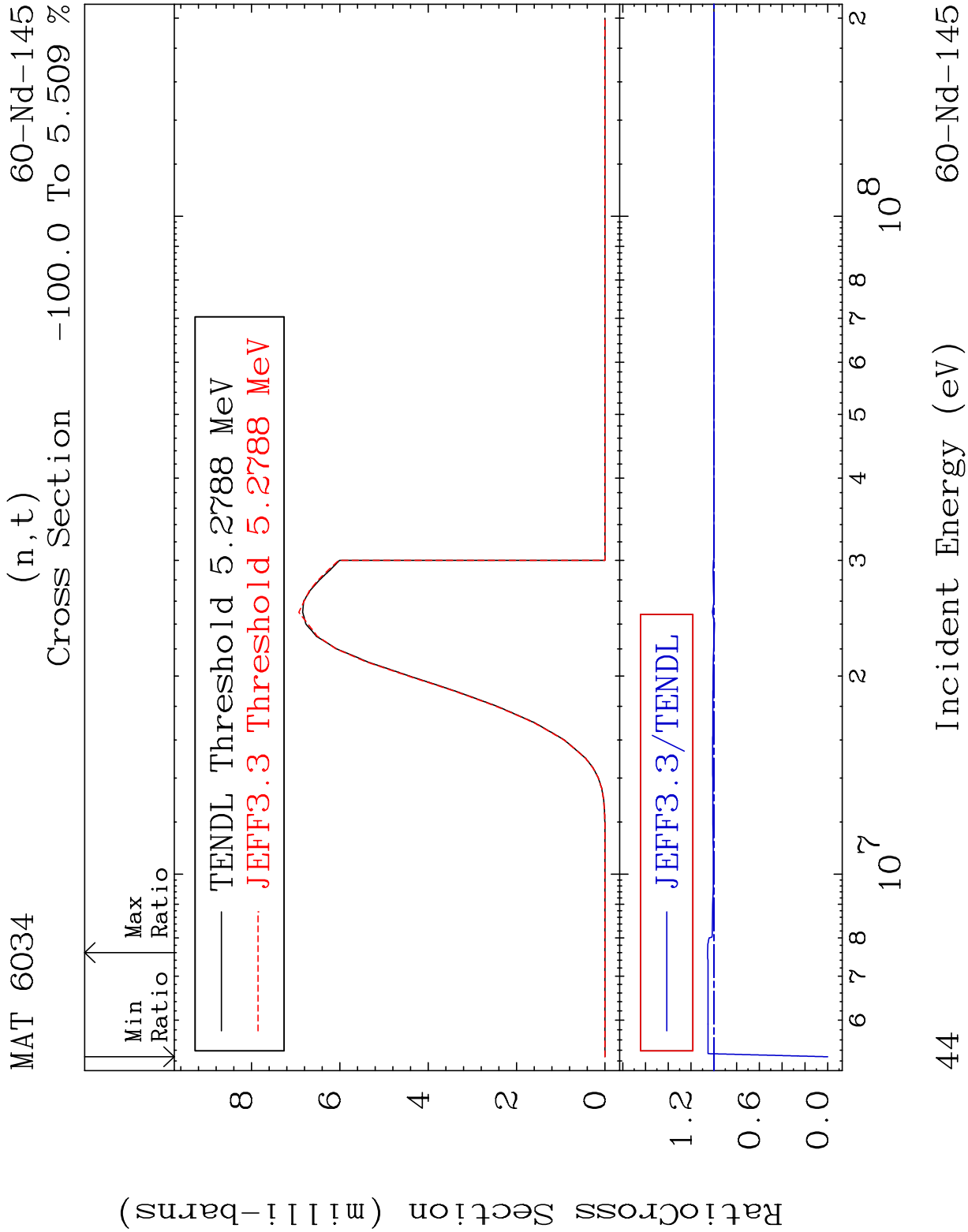
MAT 6034

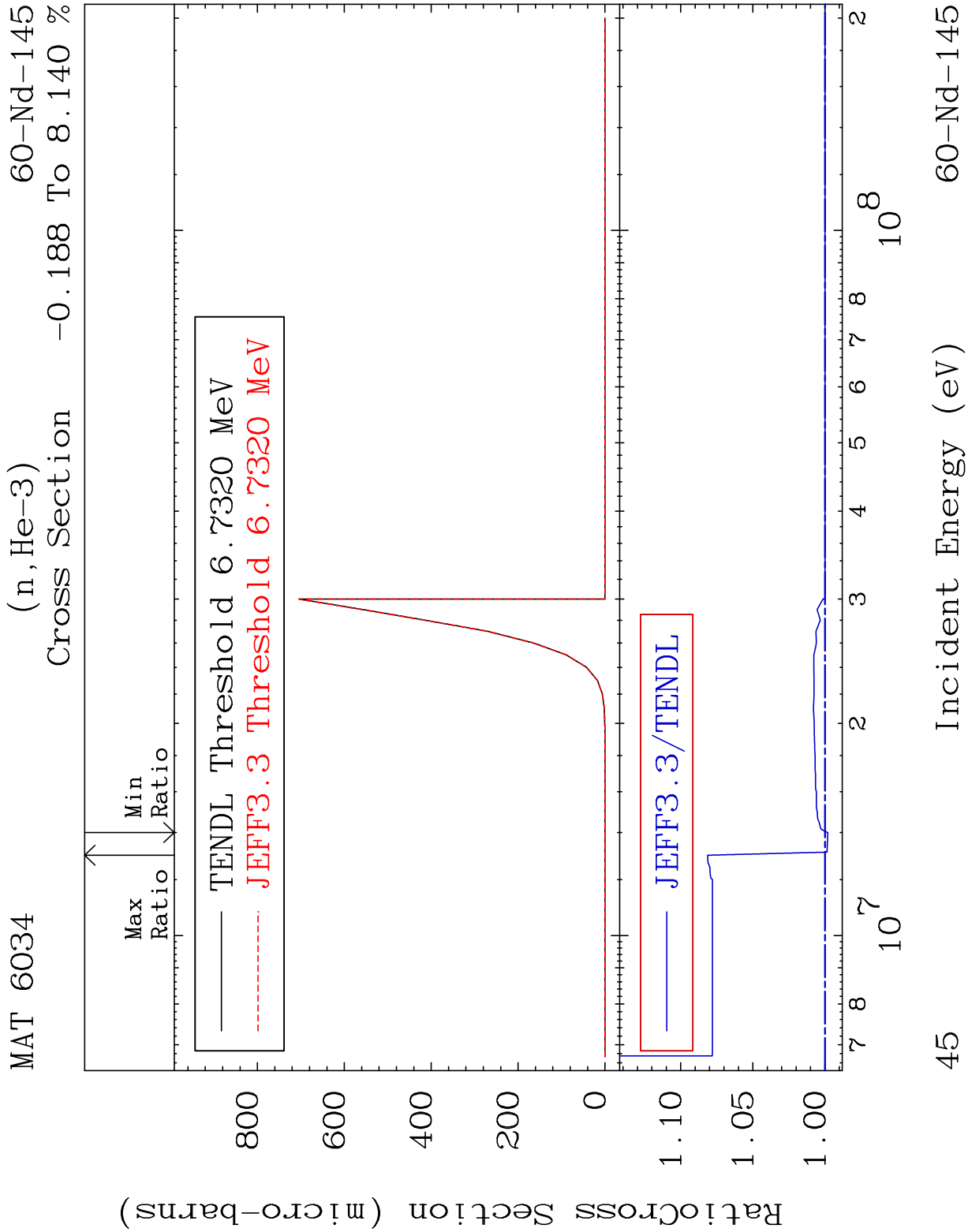
 (n, d)

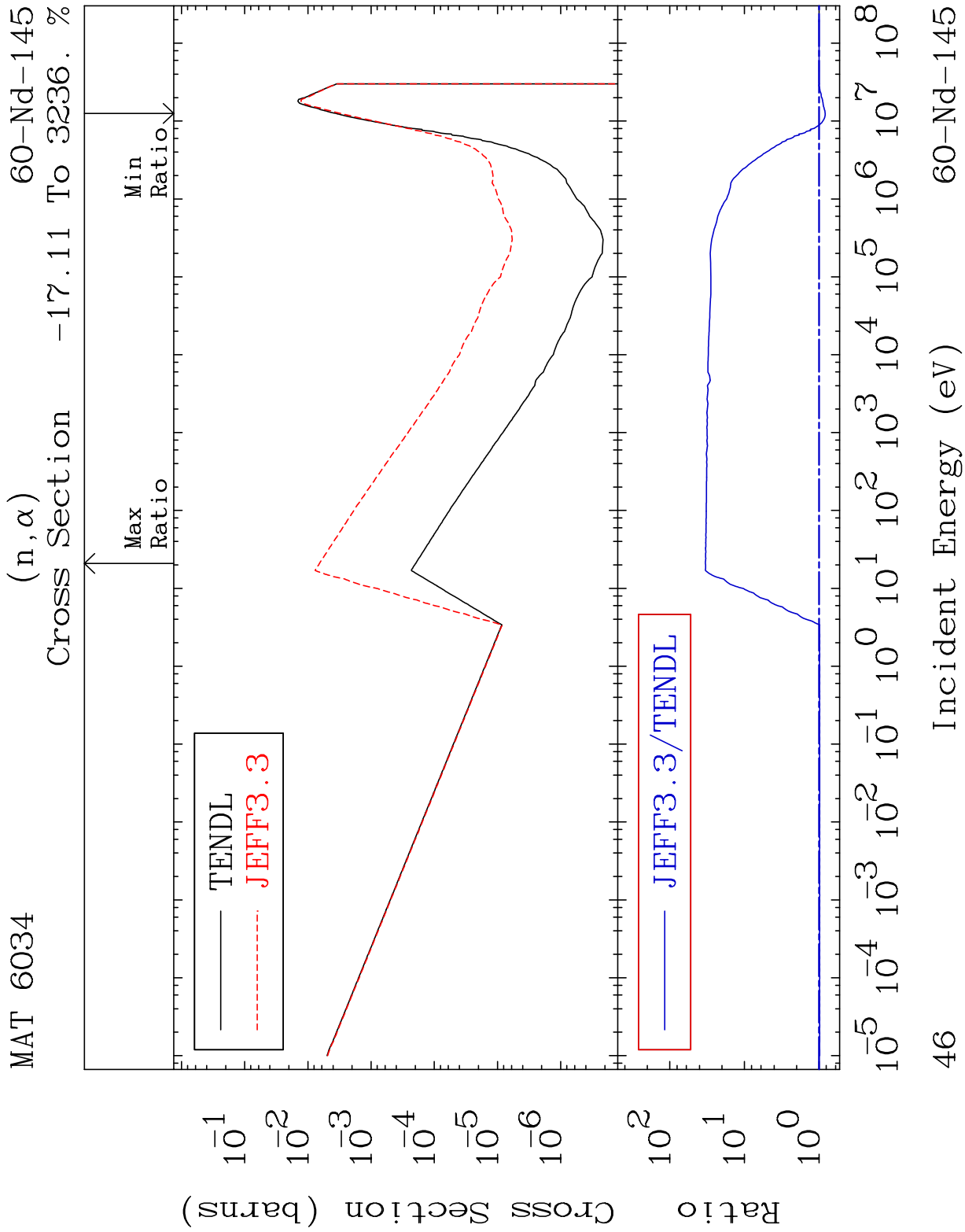
60-Nd-145

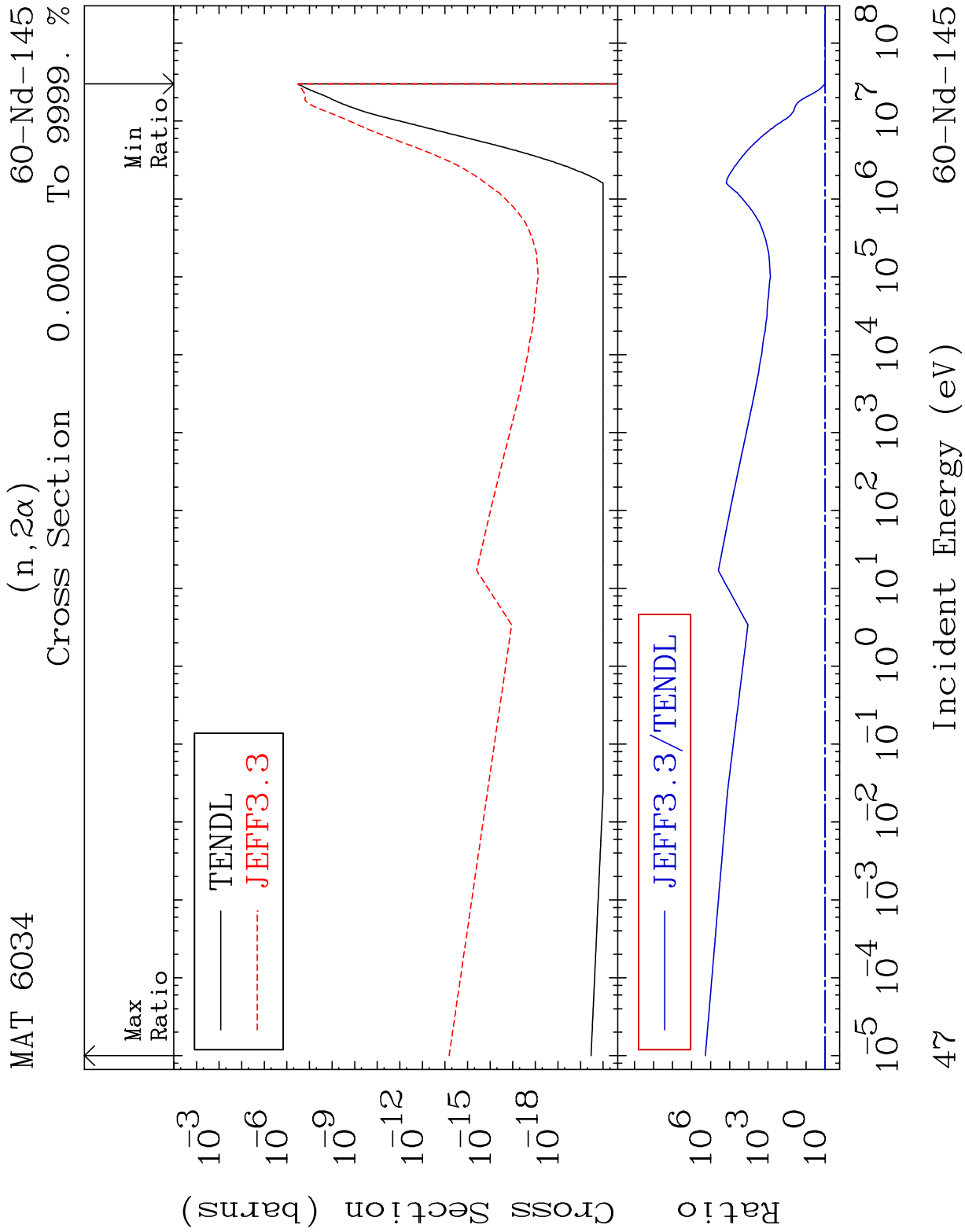
Cross Section -100.0 To 5.598 %

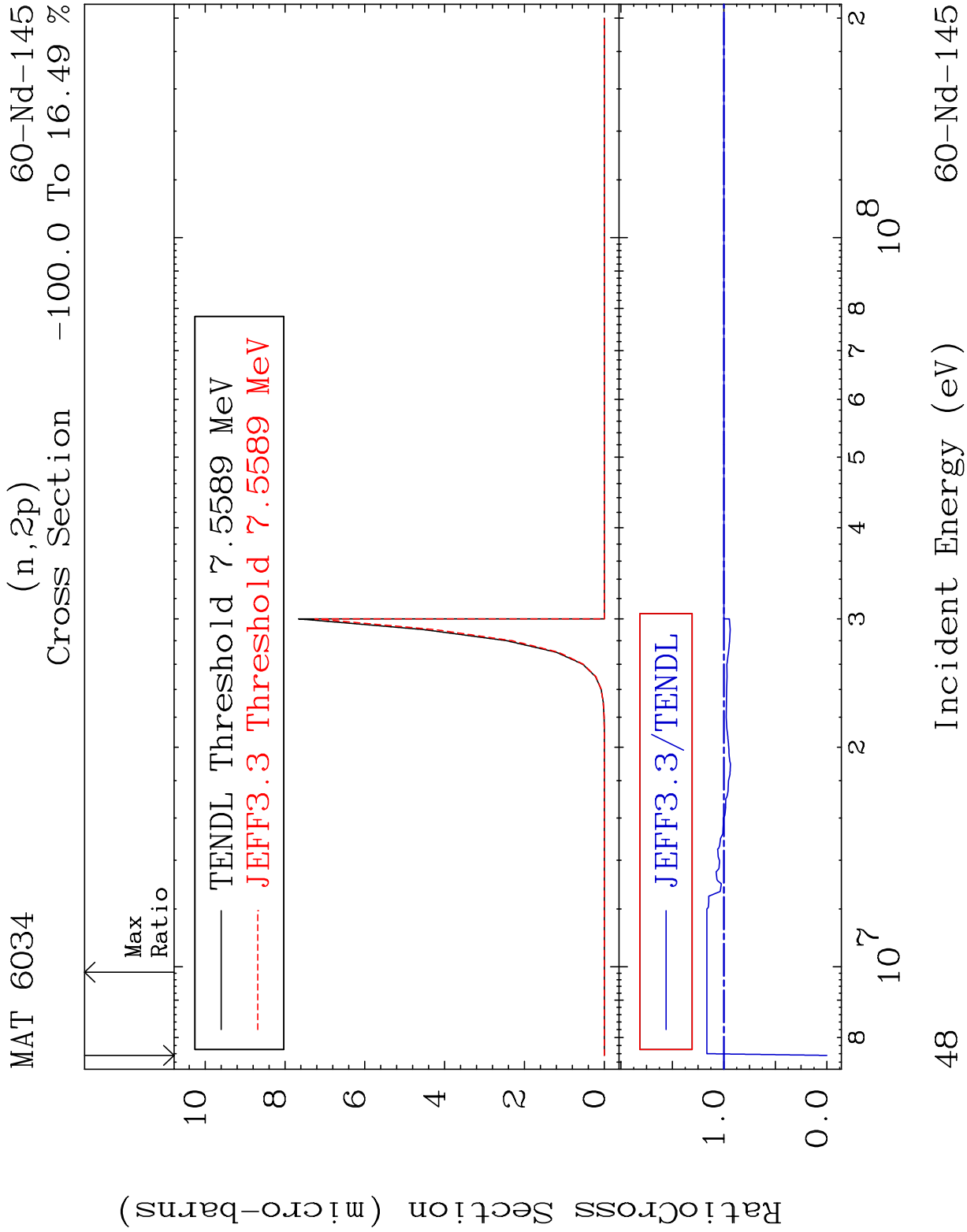


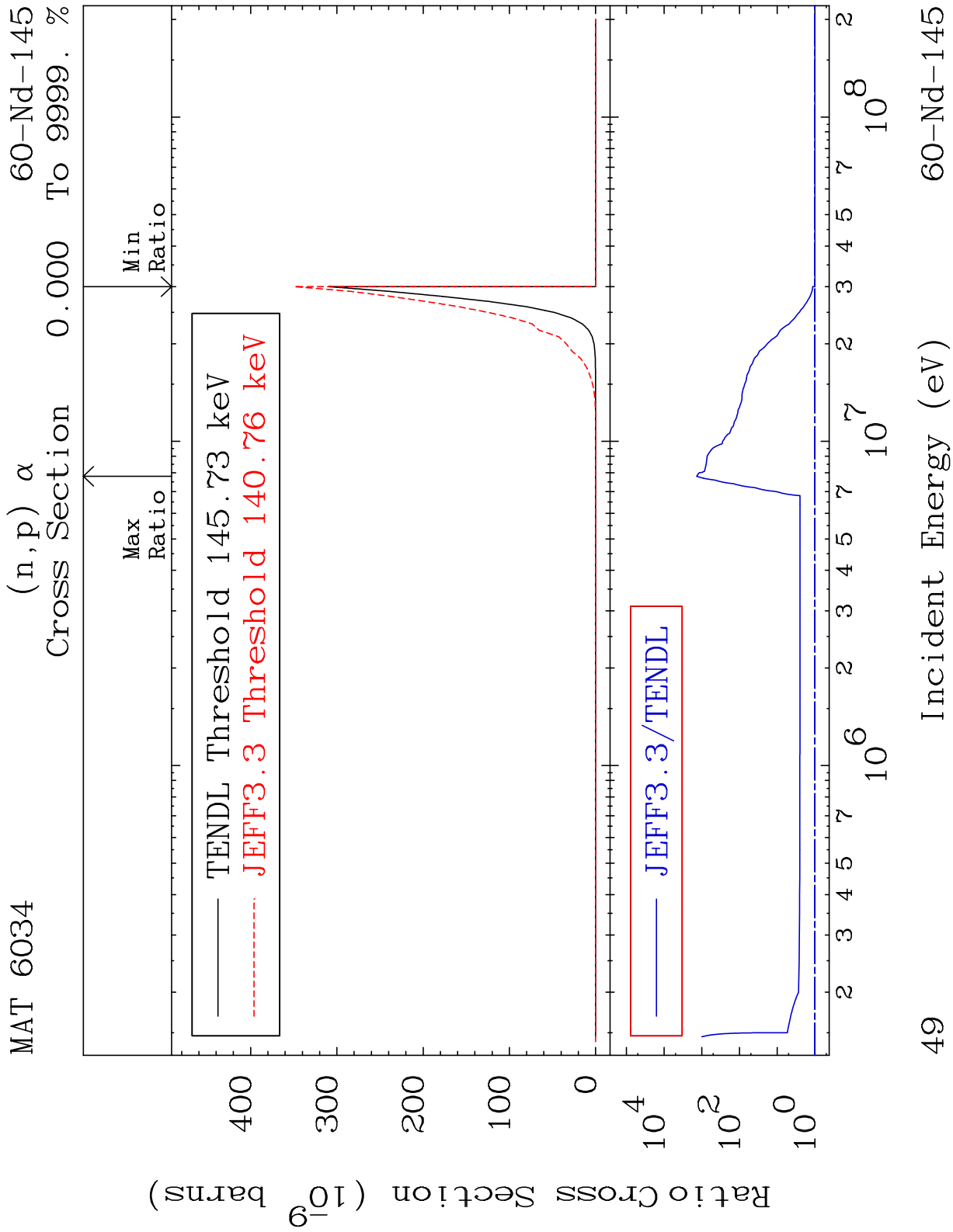


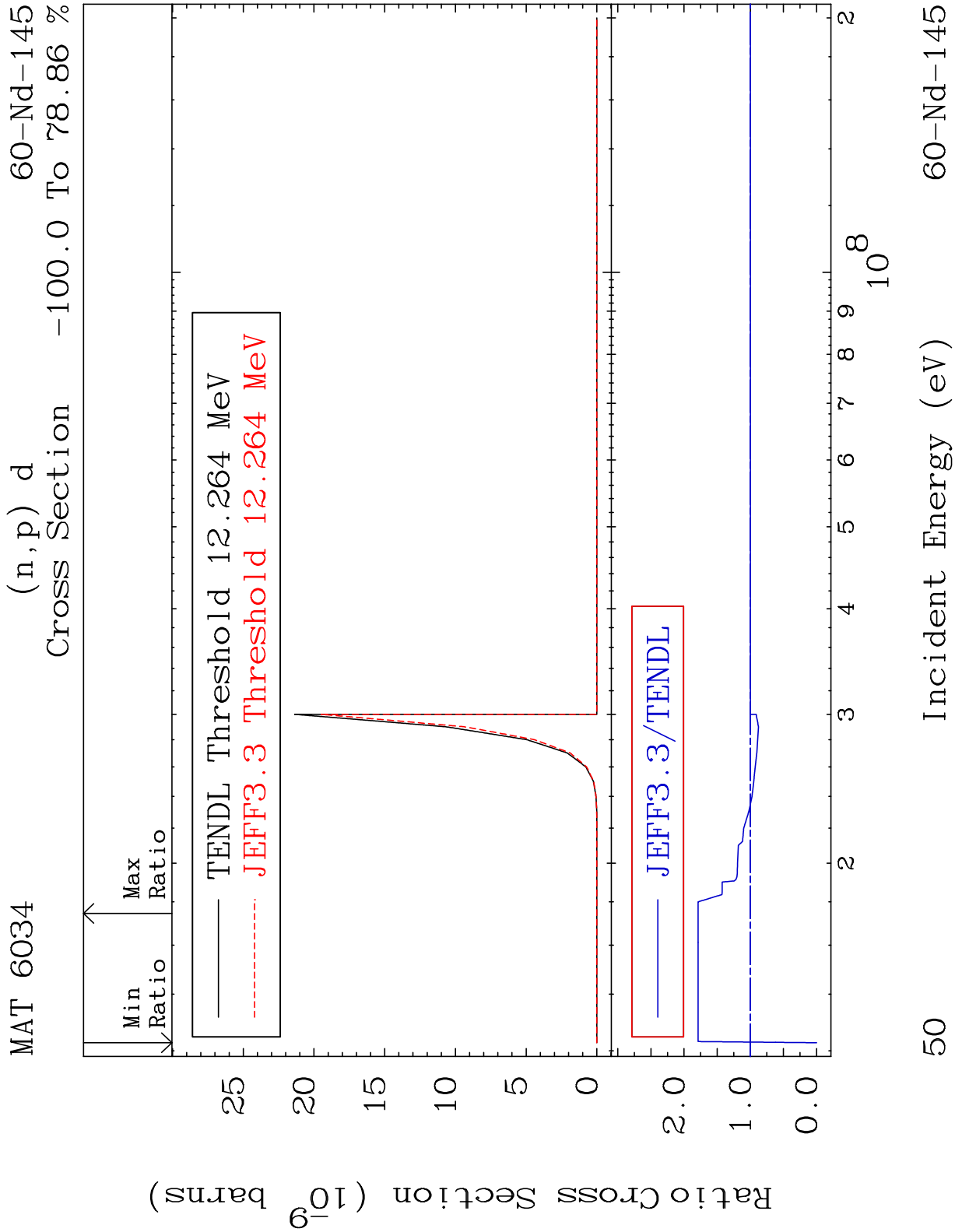


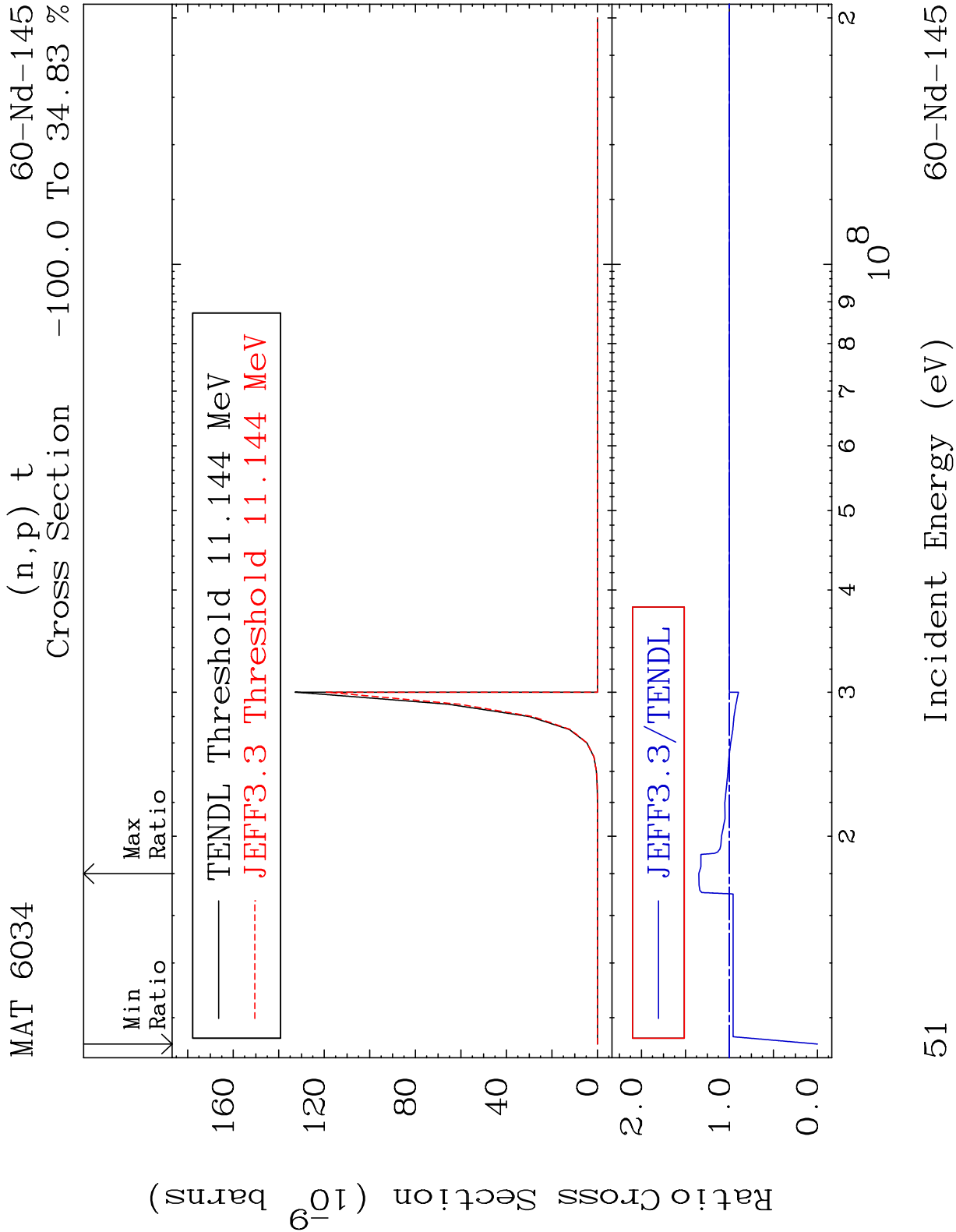


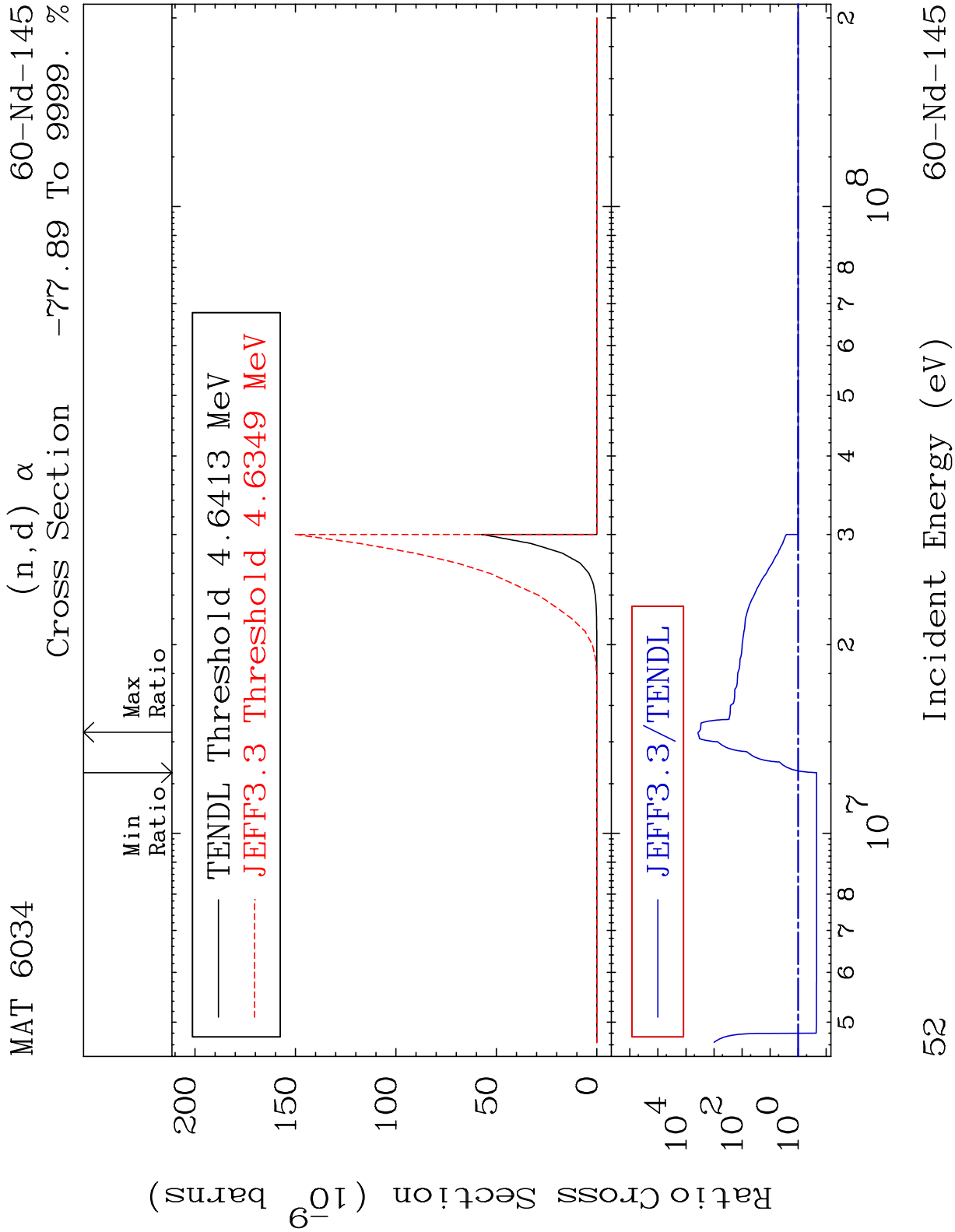


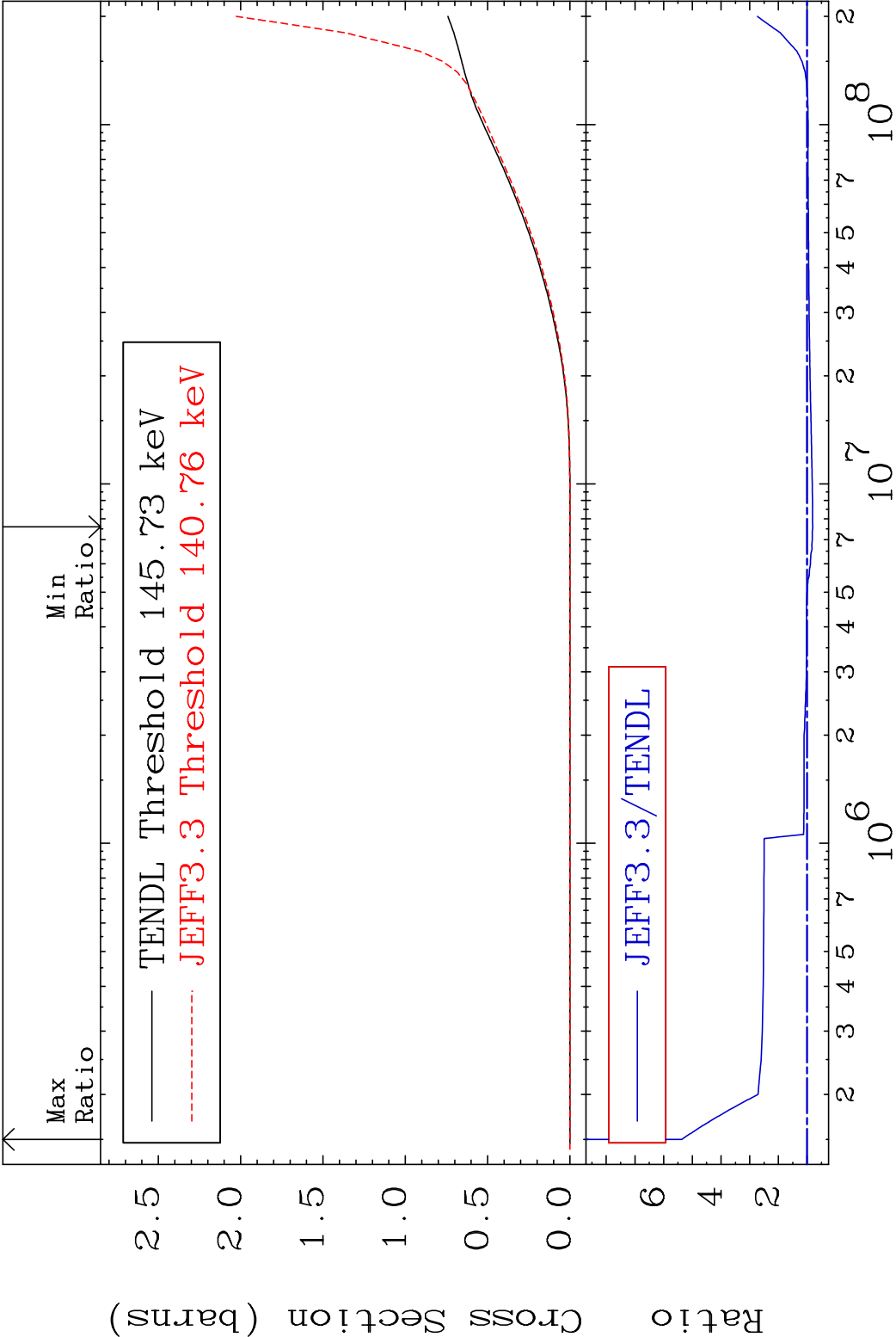


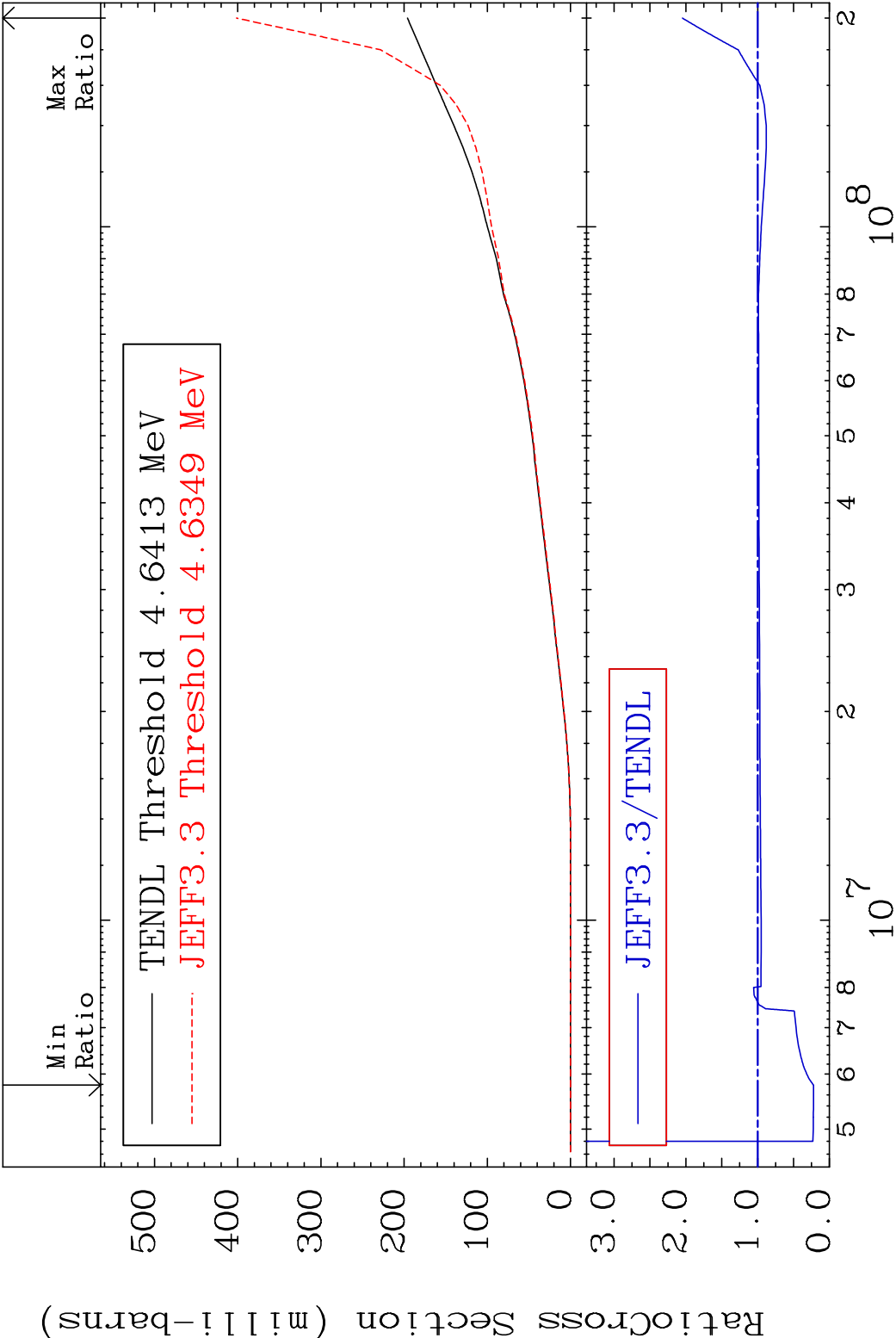


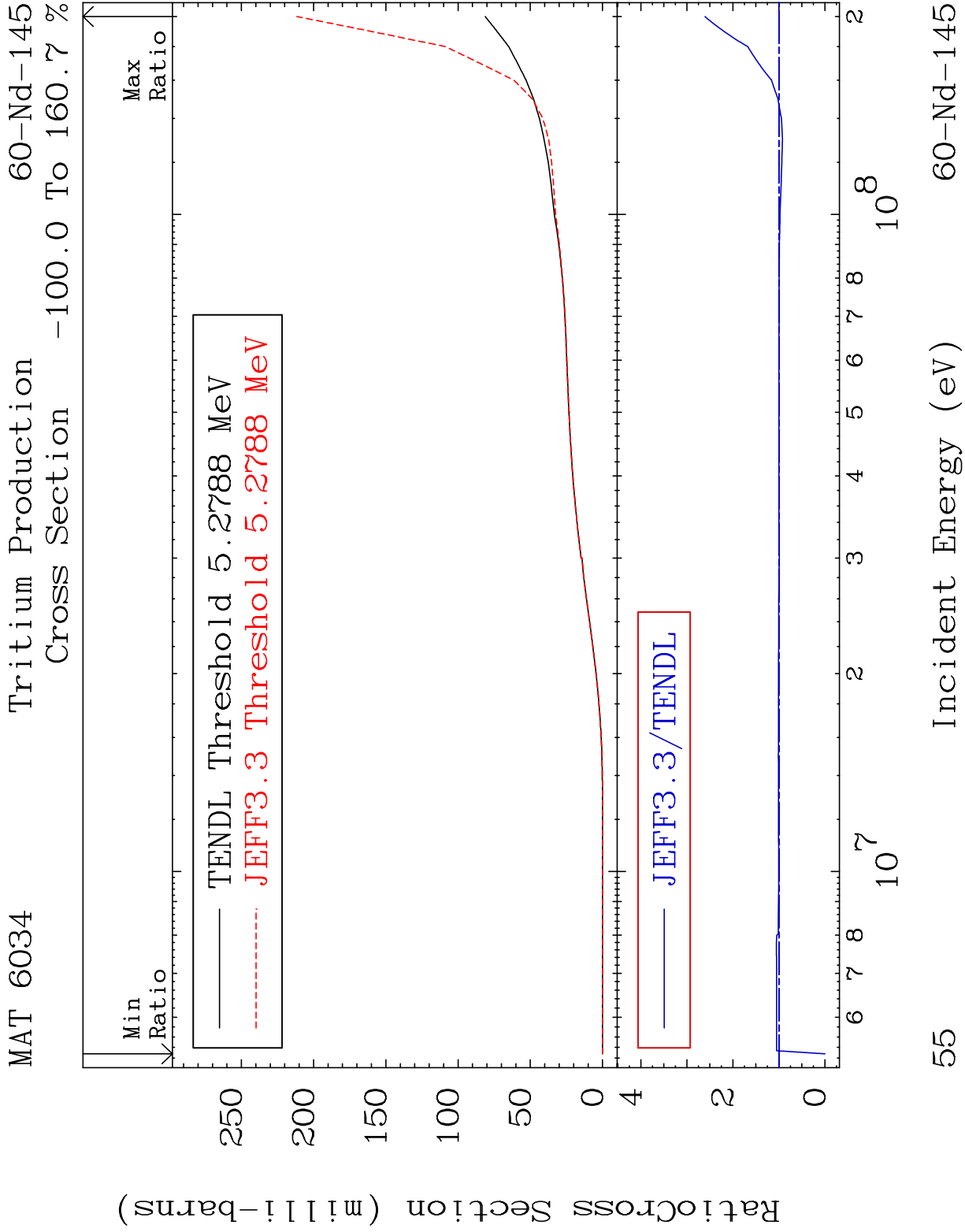


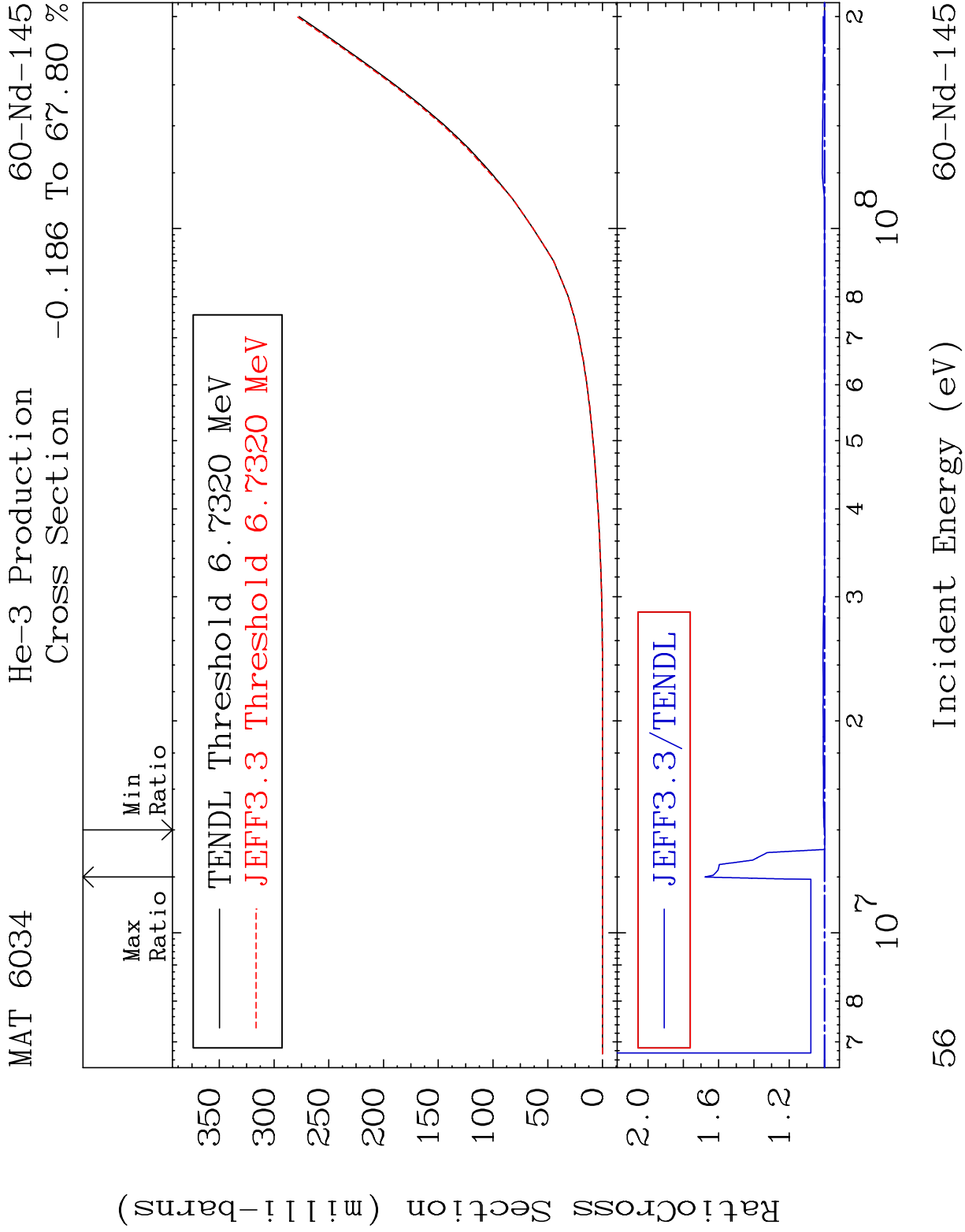


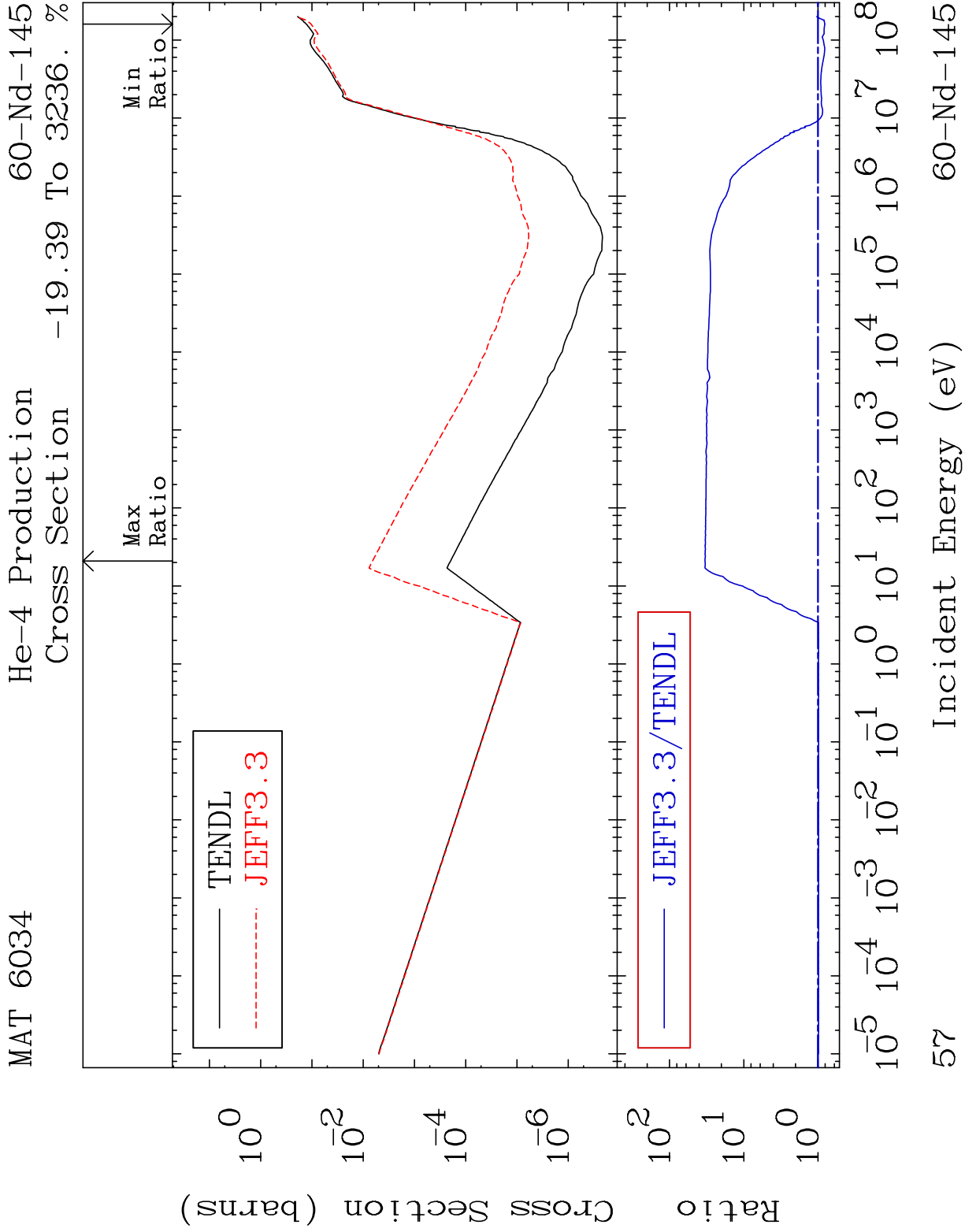


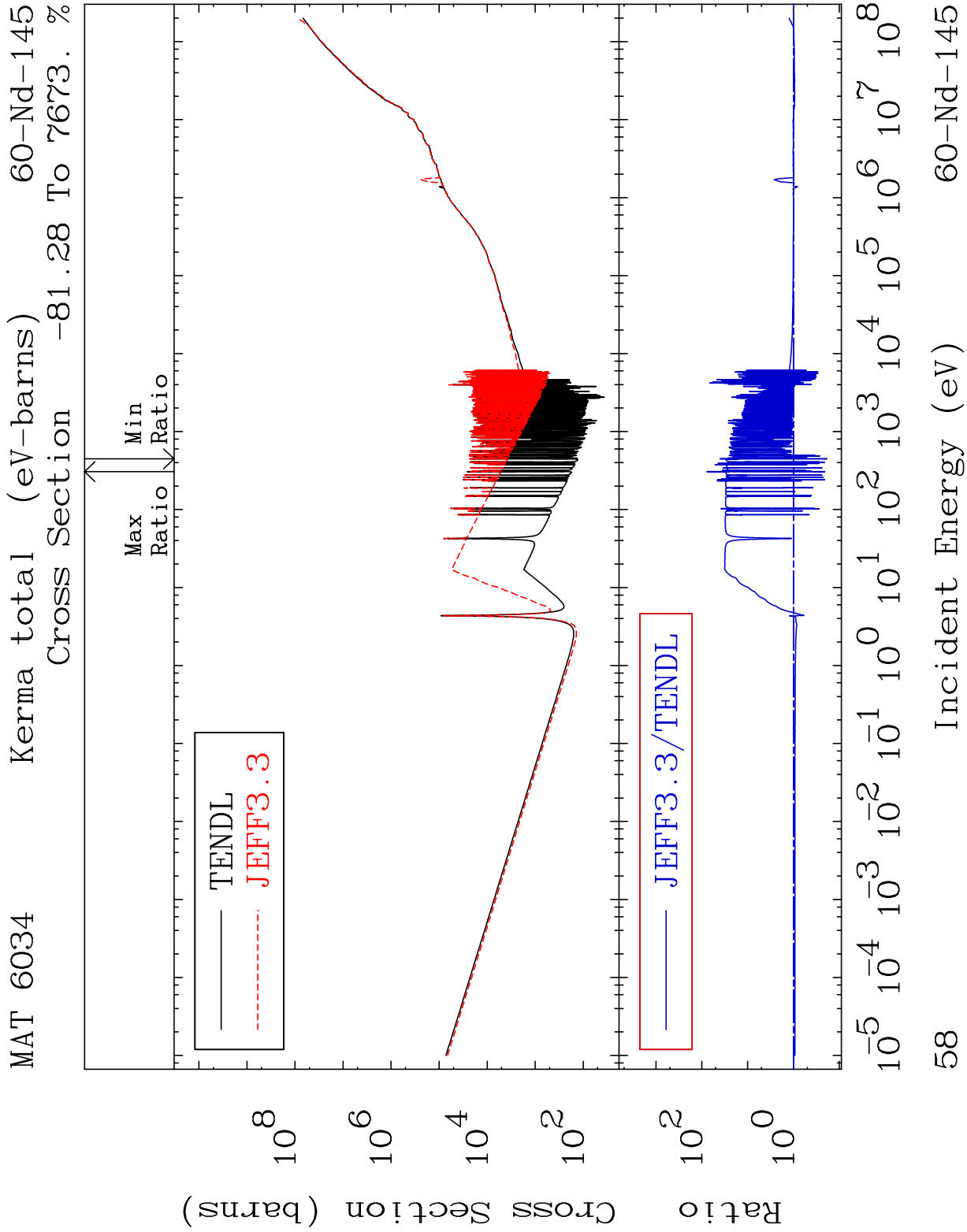


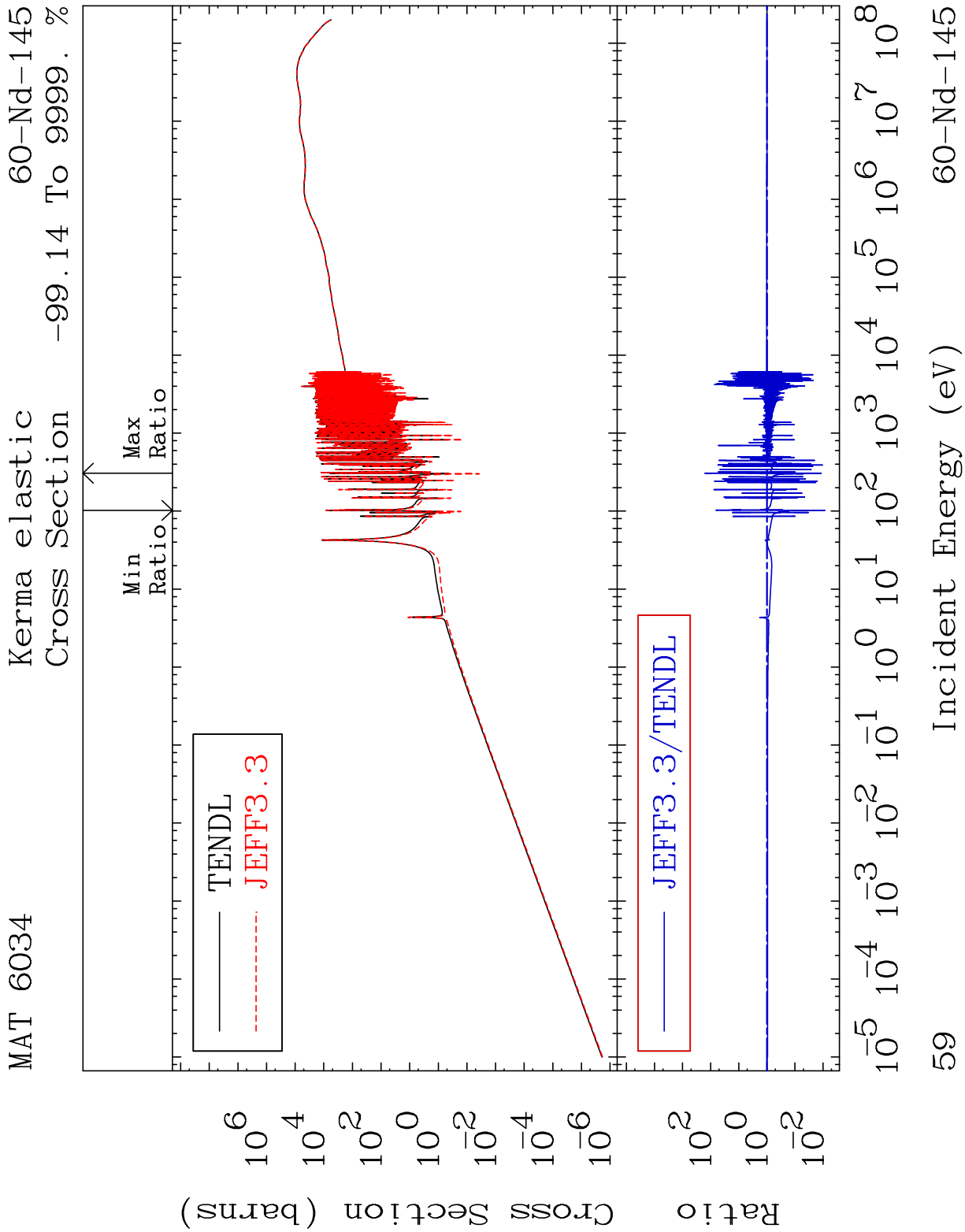




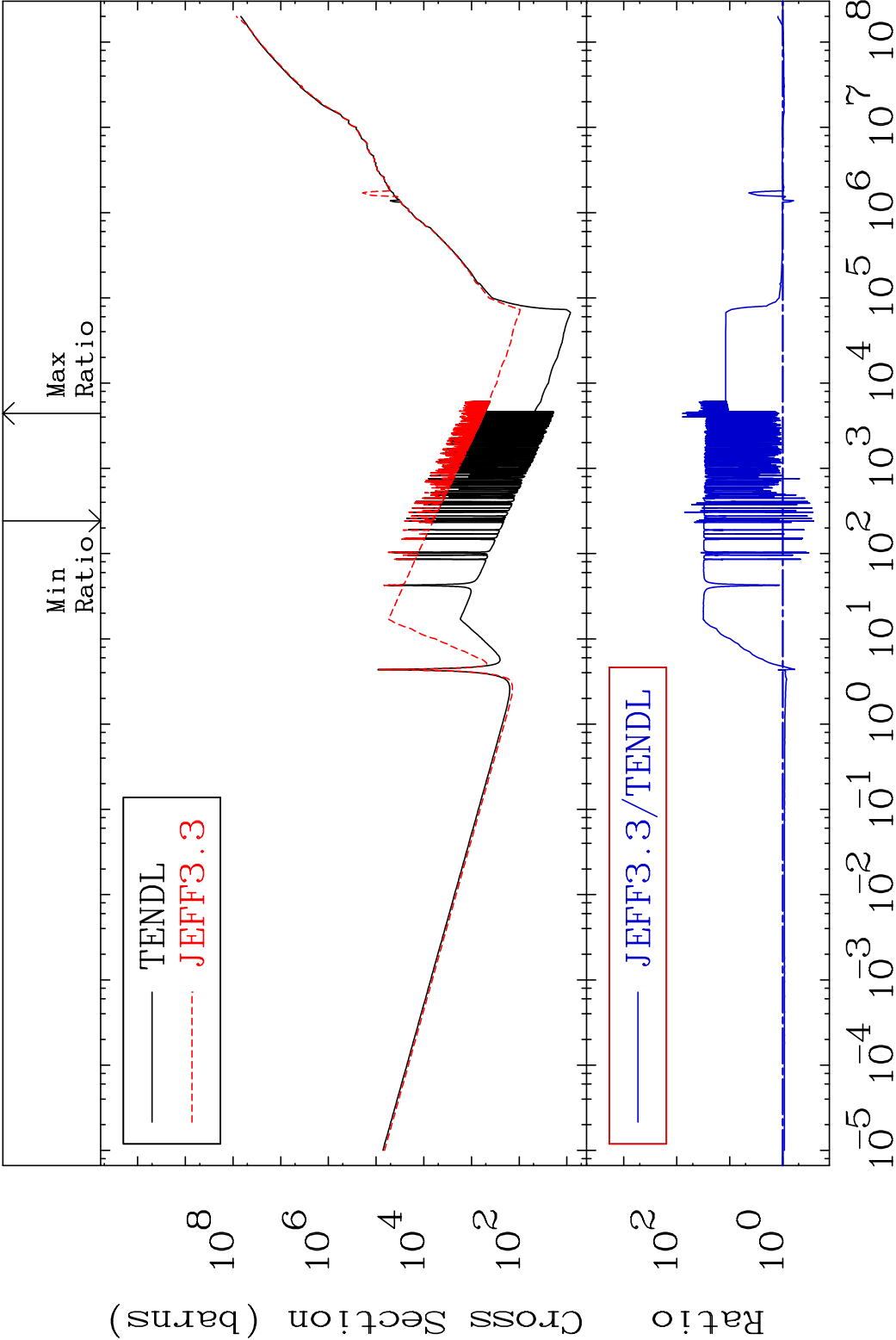




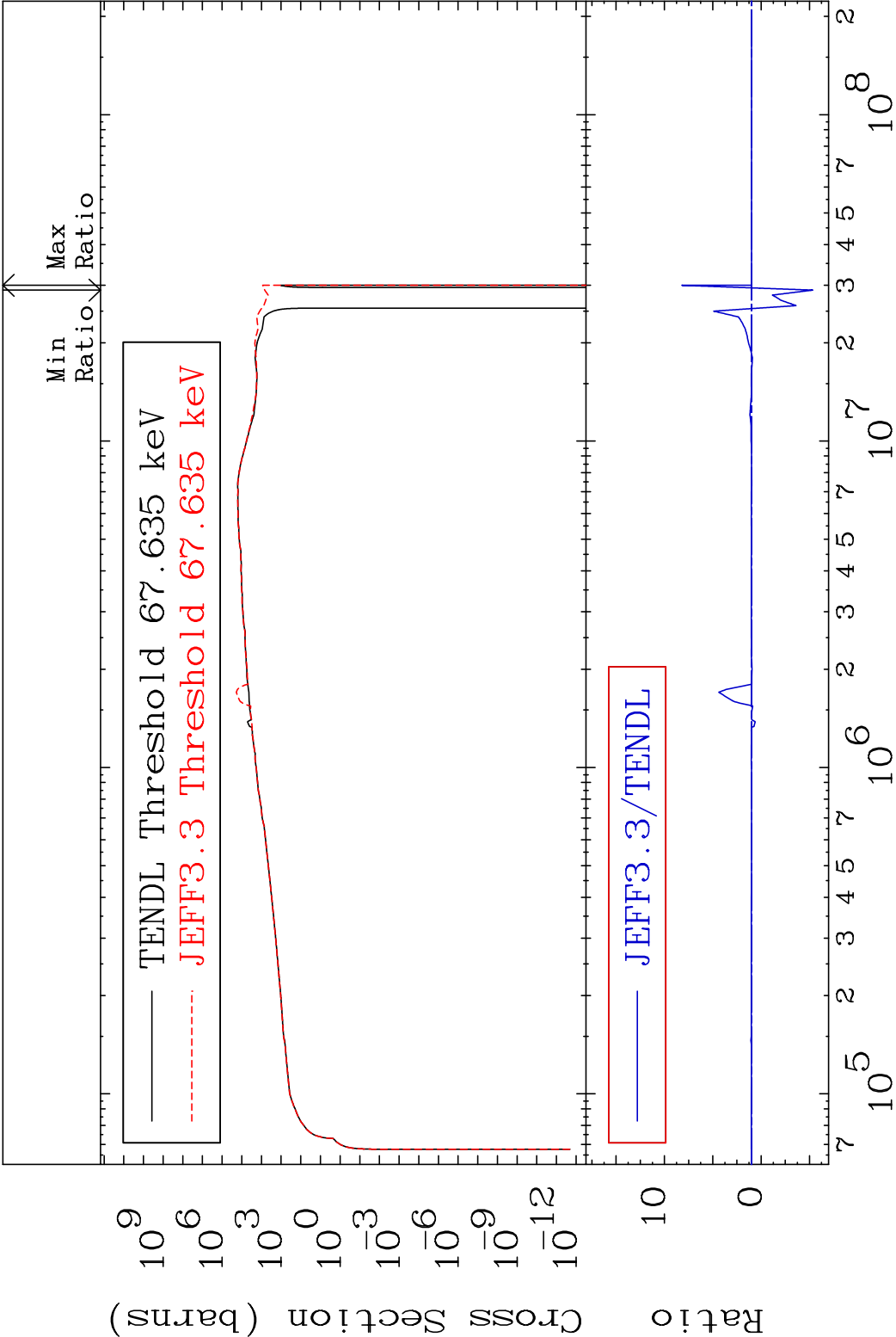




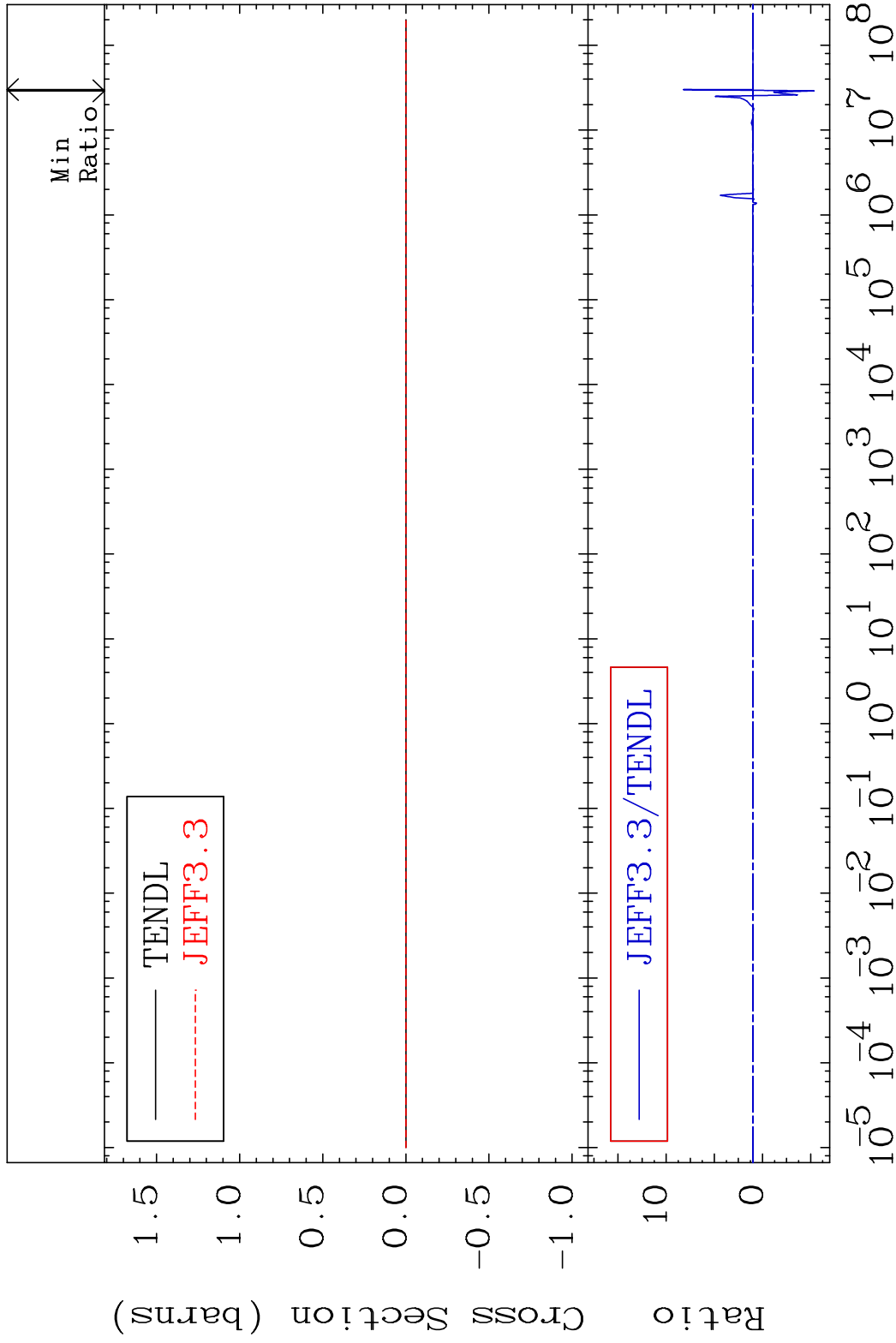
MAT 6034 Kerma non-elastic (all but mt2) 60-Nd-145
Cross Section -73.75 To 7712. %



60 Incident Energy (eV) 60-Nd-145



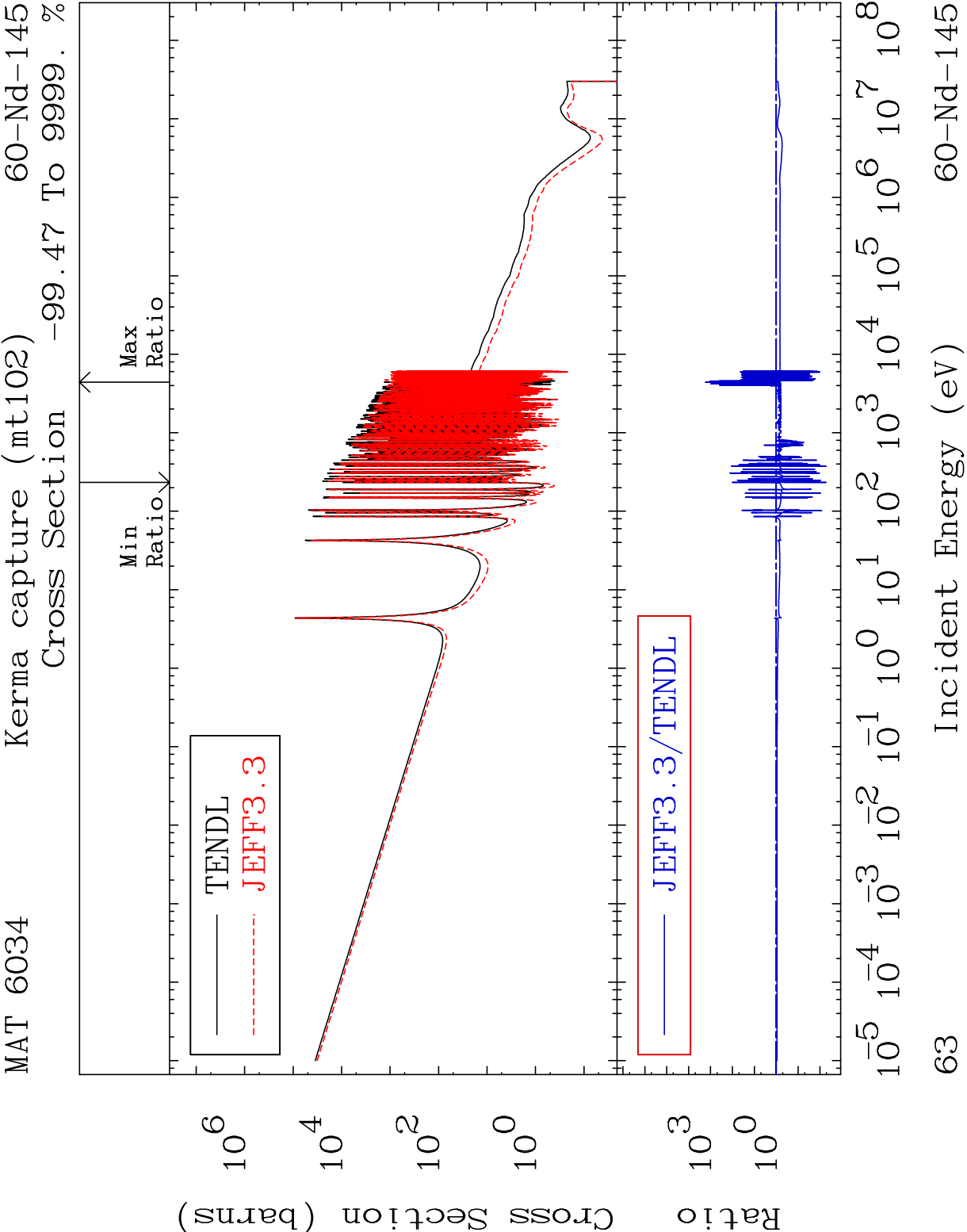
MAT 6034 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-145
Cross Section -633.4 To 720.6 %

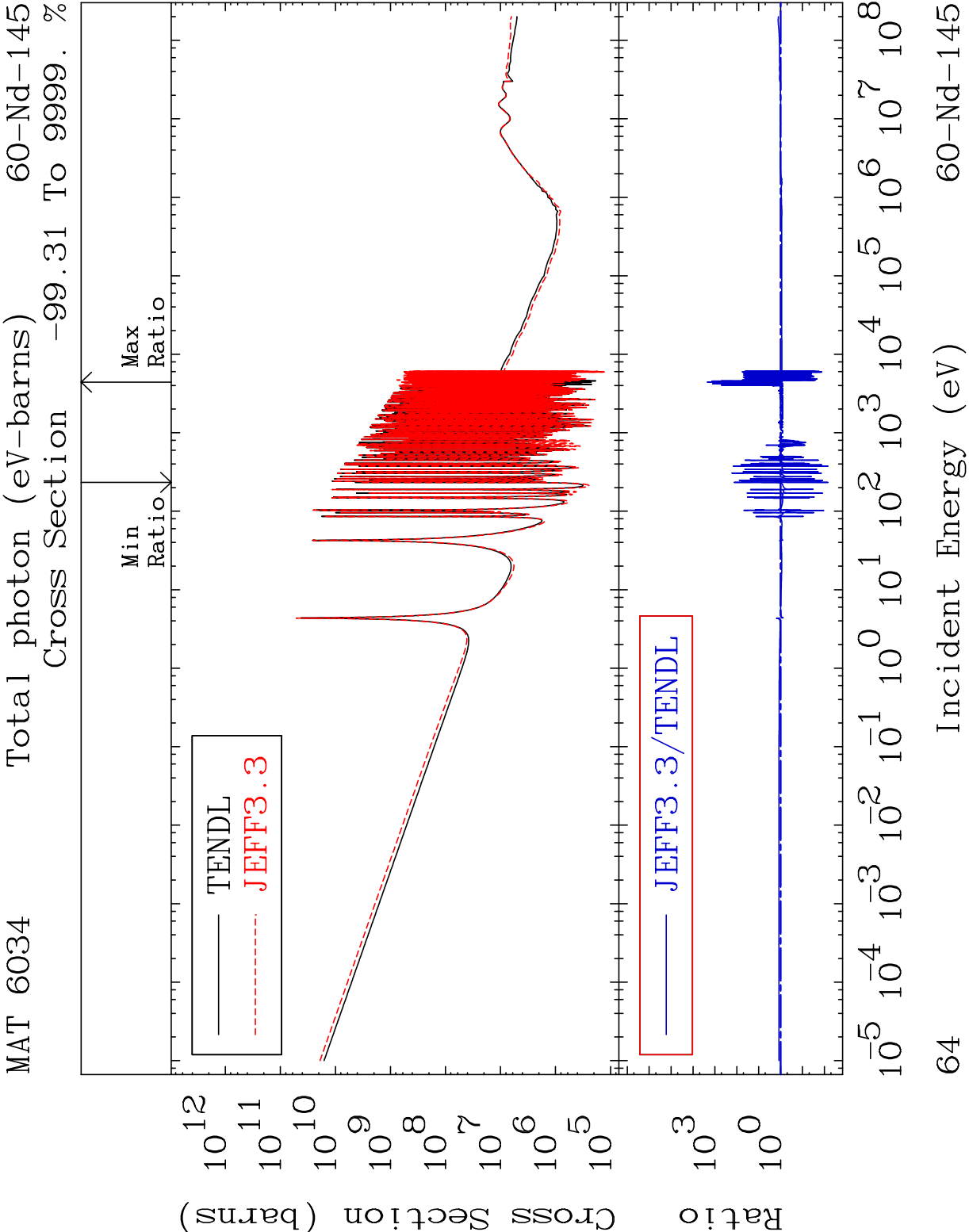


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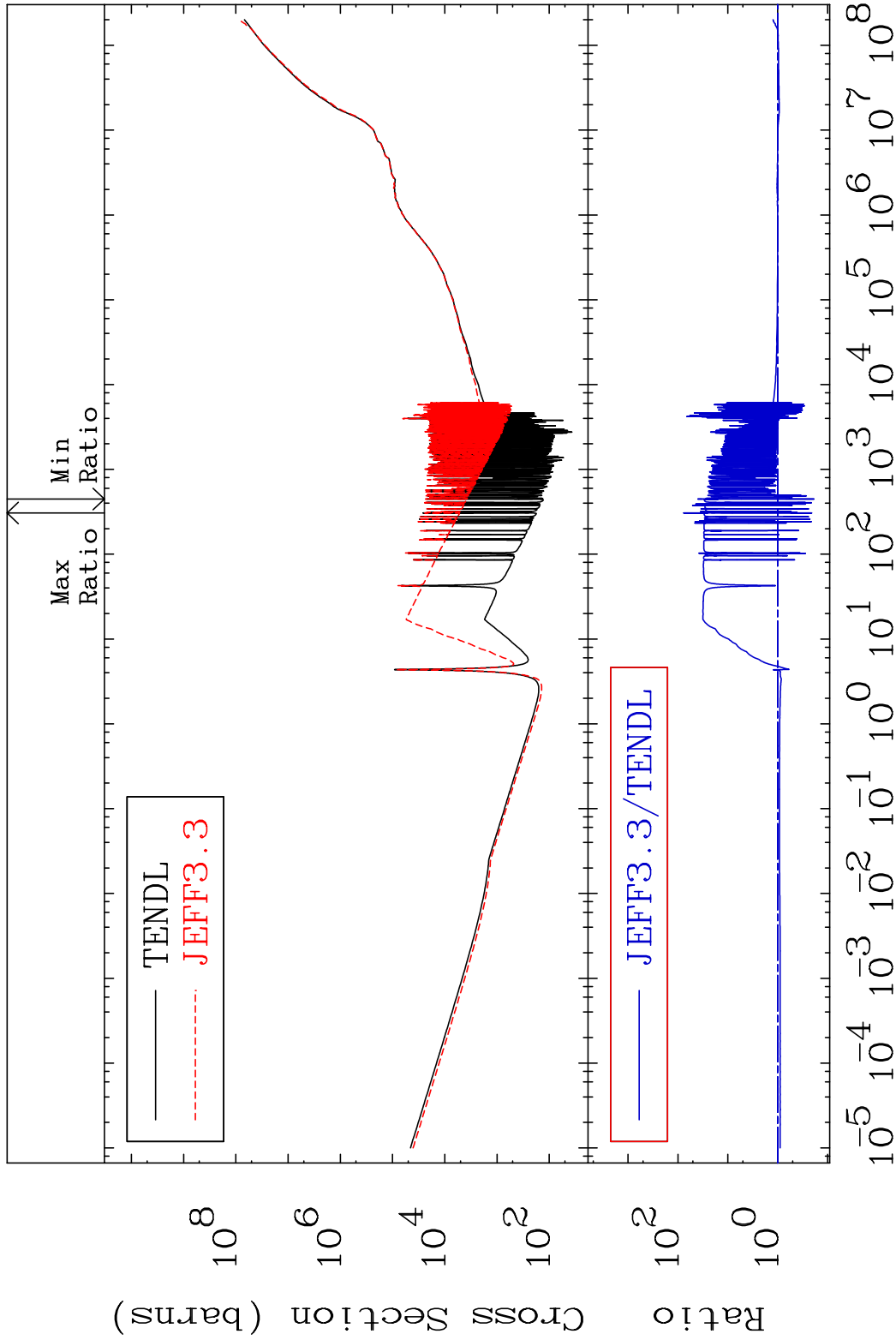
Incident Energy (eV)

60-Nd-145

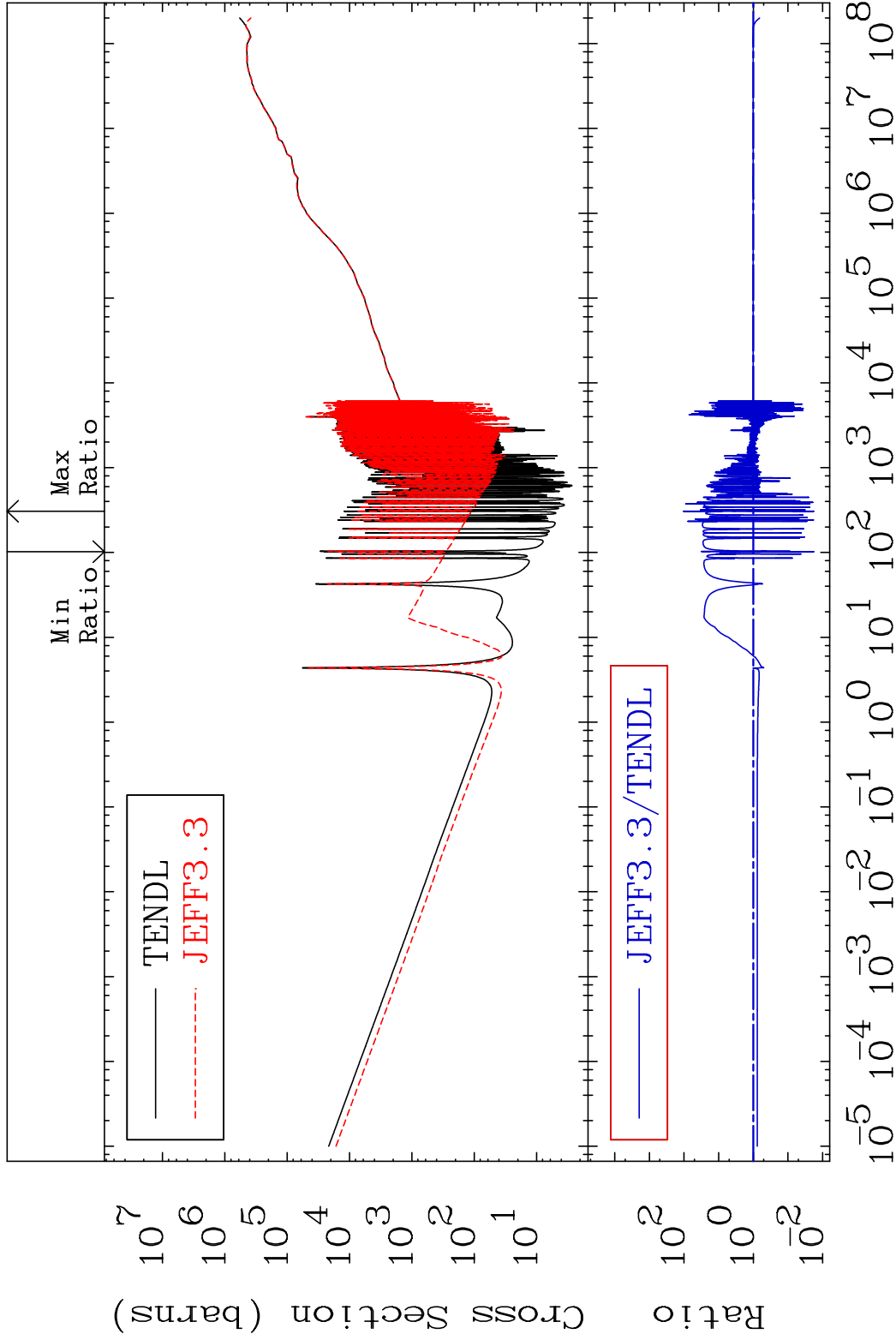




MAT 6034 Total kinematic kerma (high limit) 60-Nd-145
 Cross Section -81.17 To 7654. %

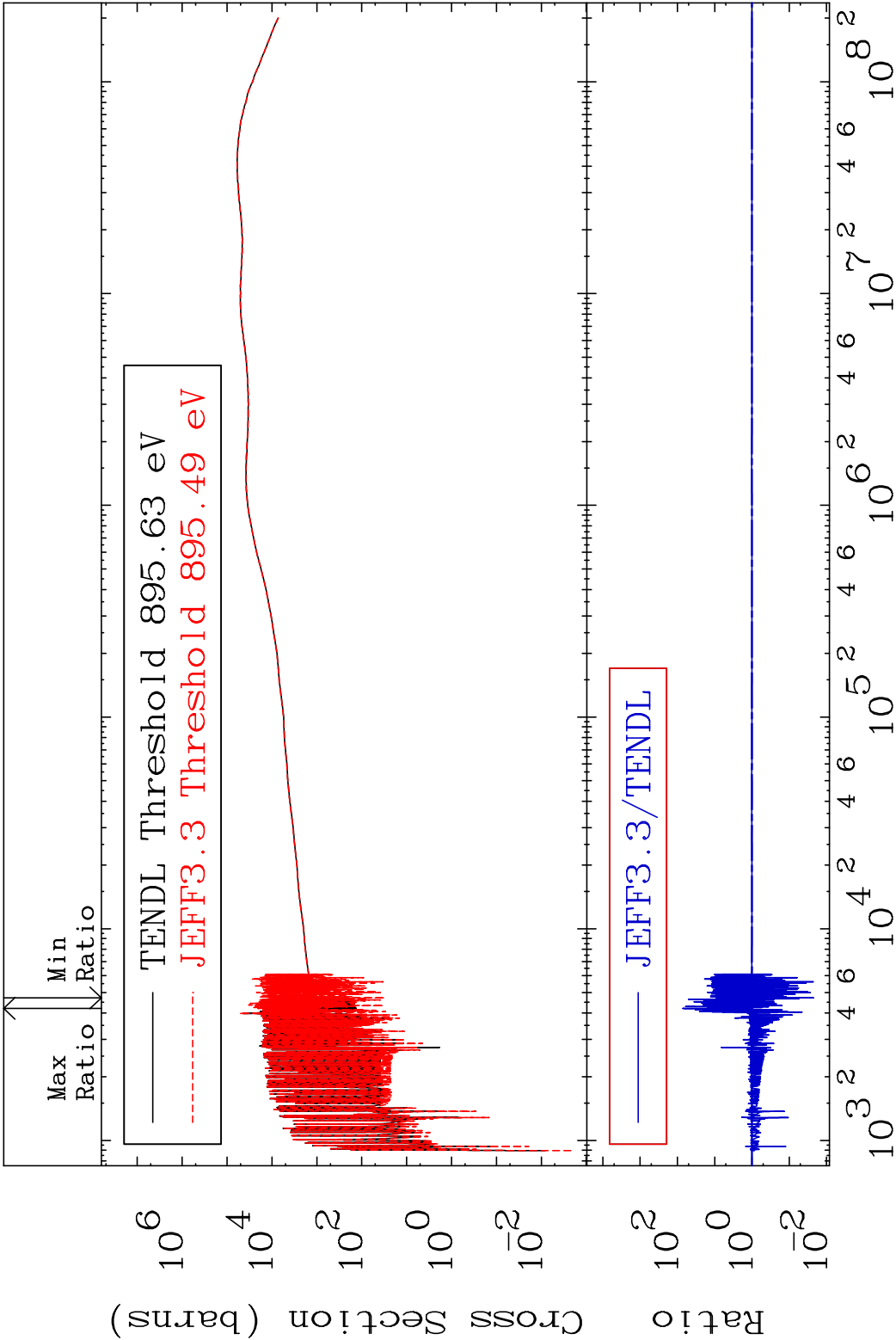


MAT 6034 Dpa total (eV-barns) 60-Nd-145
Cross Section -98.22 To 9999. %

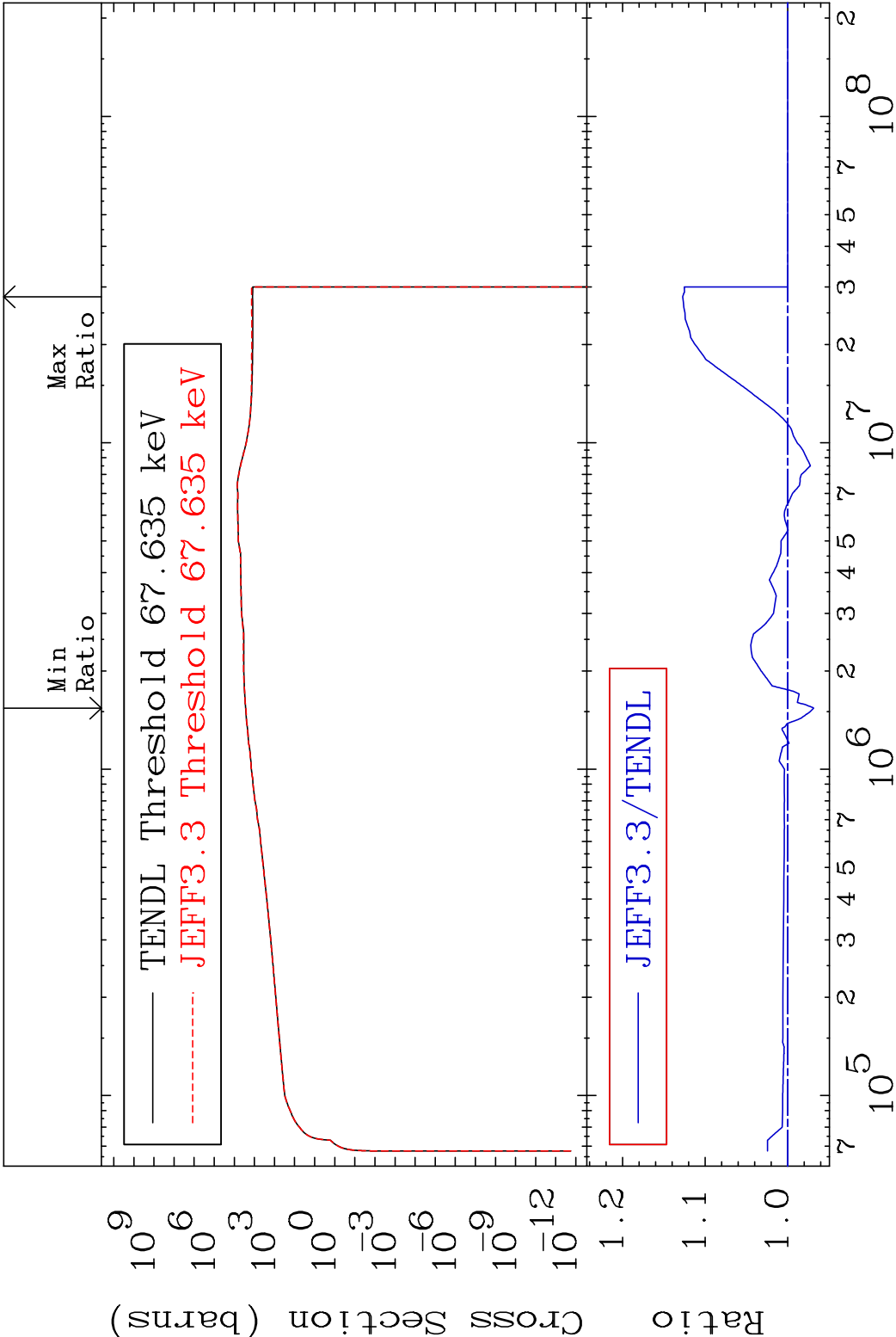


66 Incident Energy (eV) 60-Nd-145

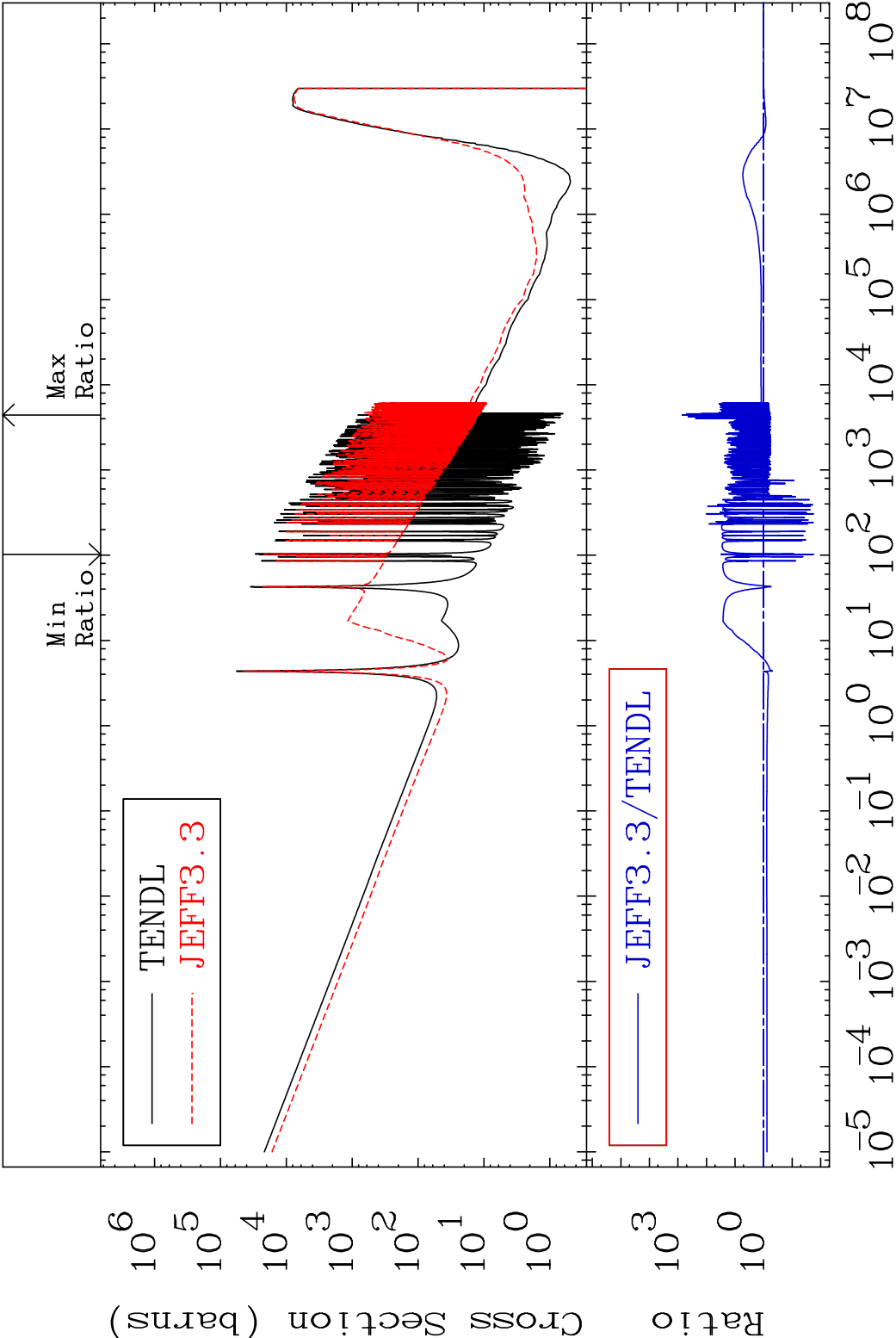
MAT 6034 Dpa elastic (mt2) 60-Nd-145
Cross Section -97.78 To 7135. %



67 Incident Energy (eV) 60-Nd-145



MAT 6034 Dpa disappearance (mt102 -120) 60-Nd-145
Cross Section -98.22 To 9999. %



69 Incident Energy (eV) 60-Nd-145

