

Program Complot
(Version 2021-1)

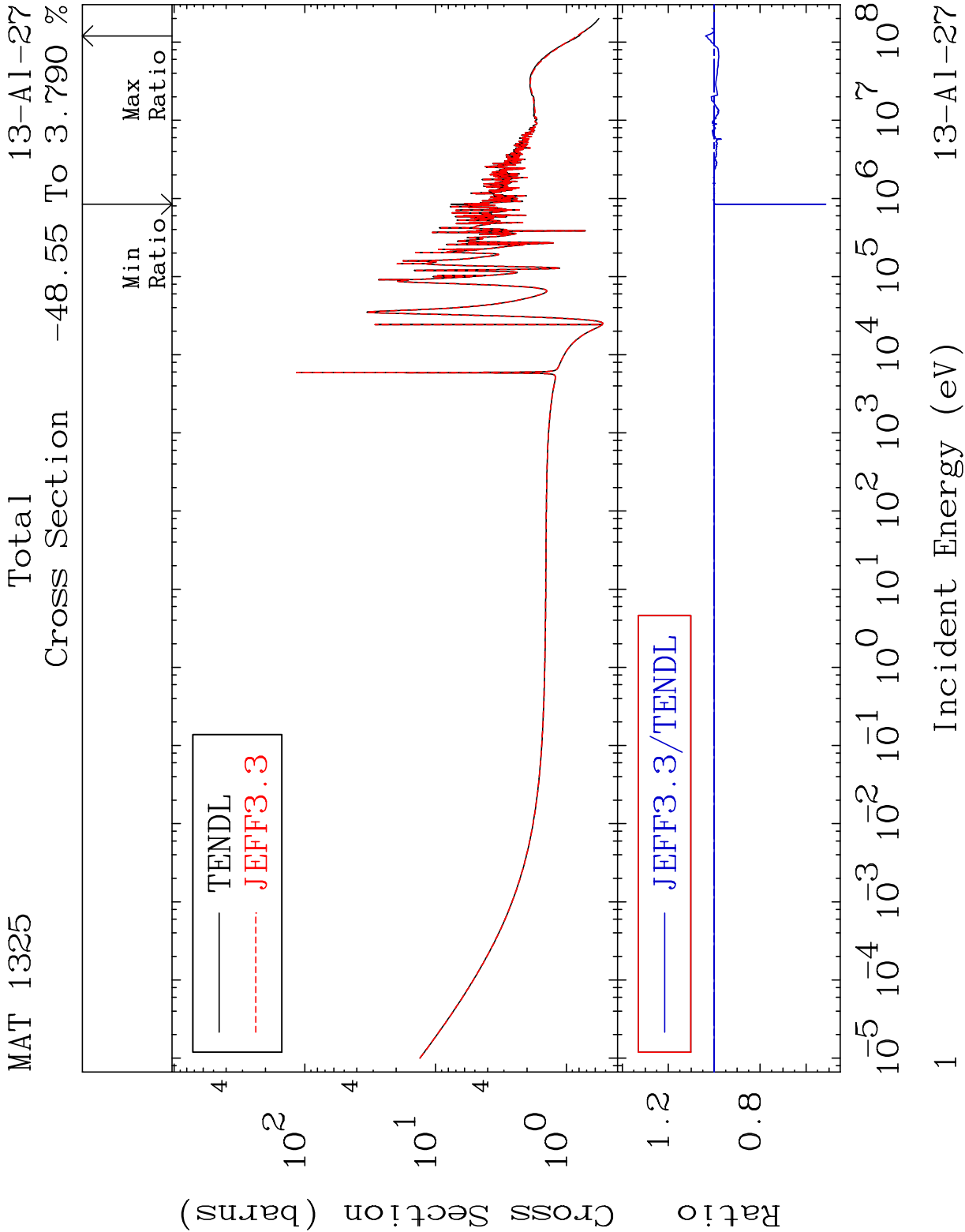
by

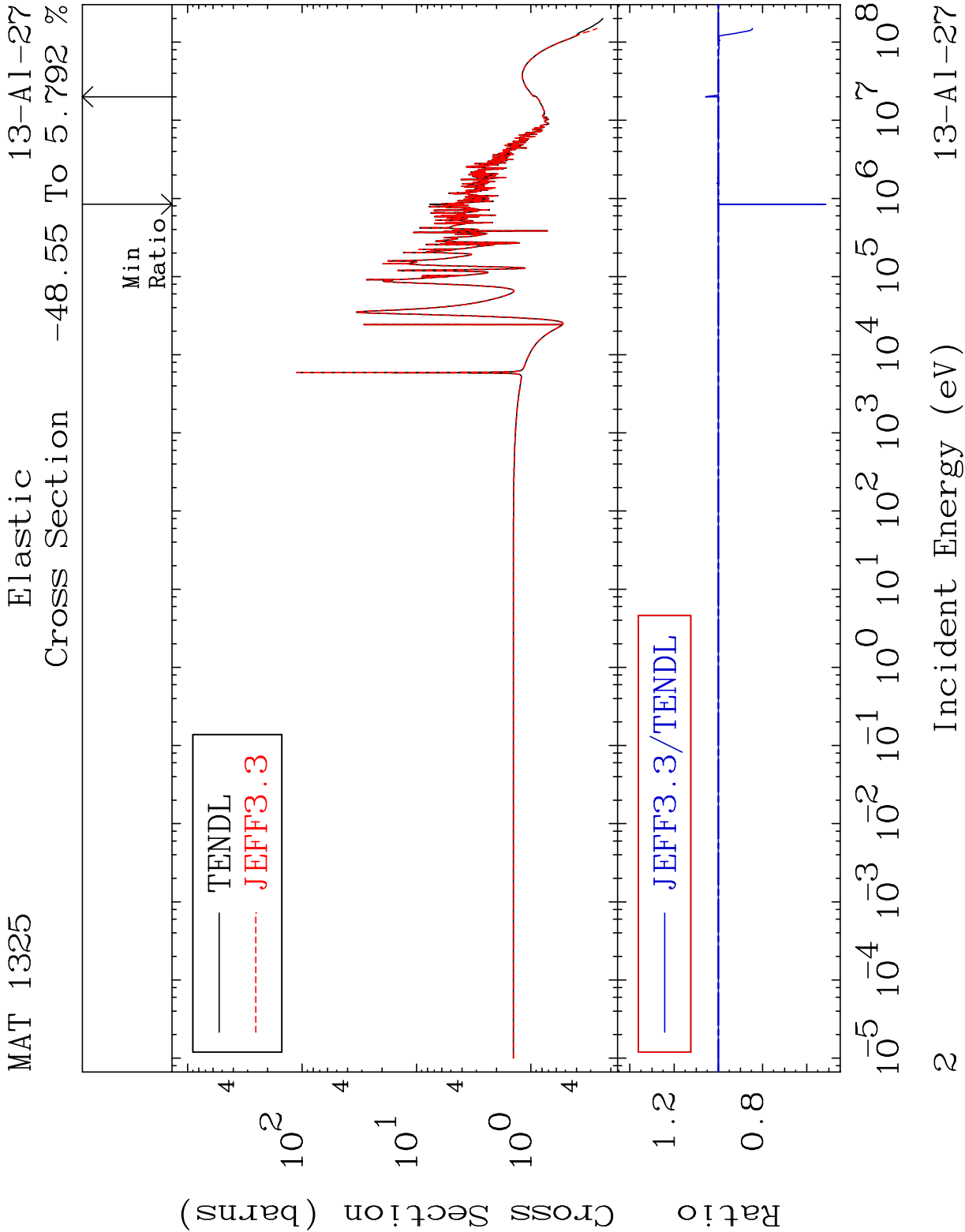
Dermott E. Cullen
(Present Contact Information)

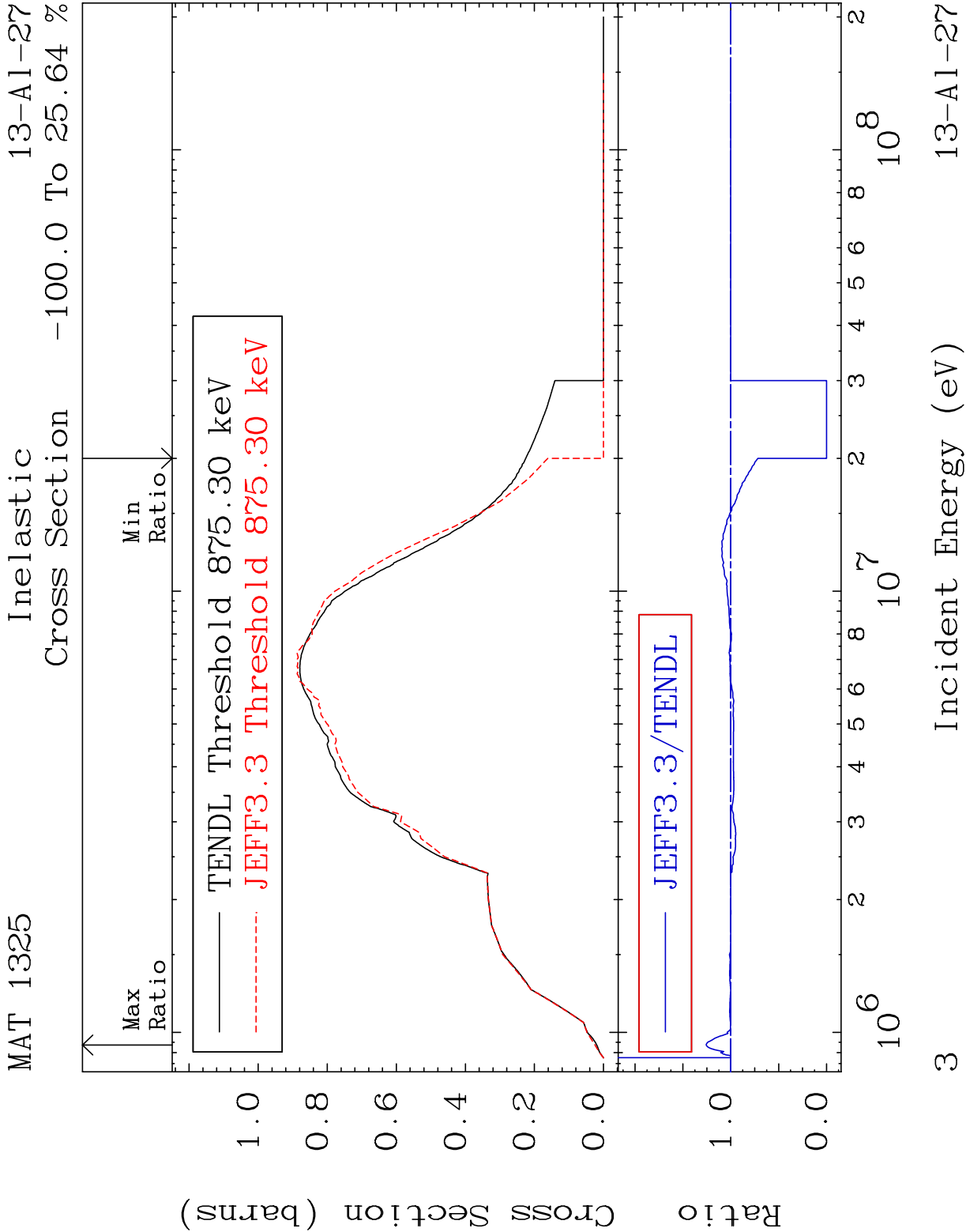
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

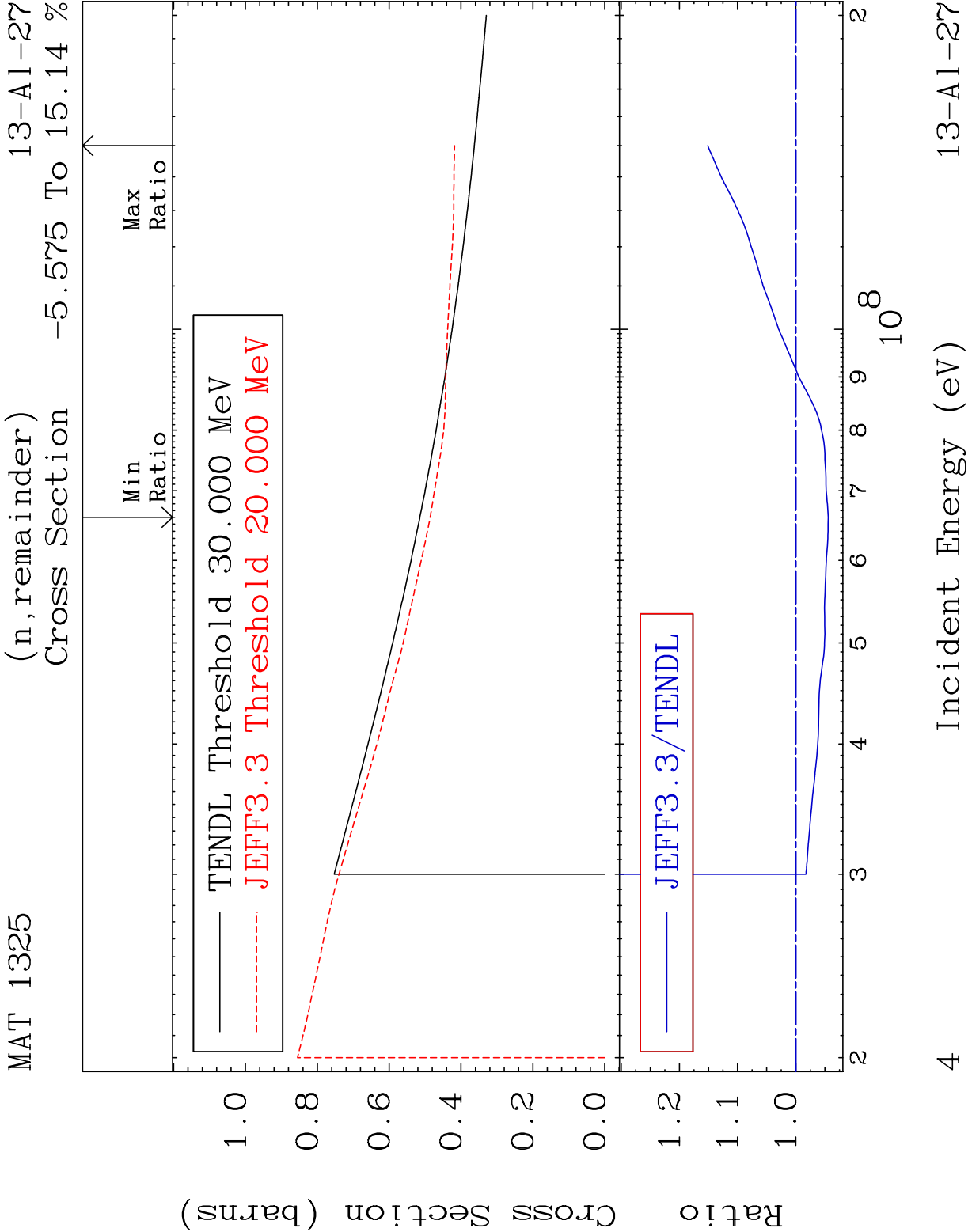
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

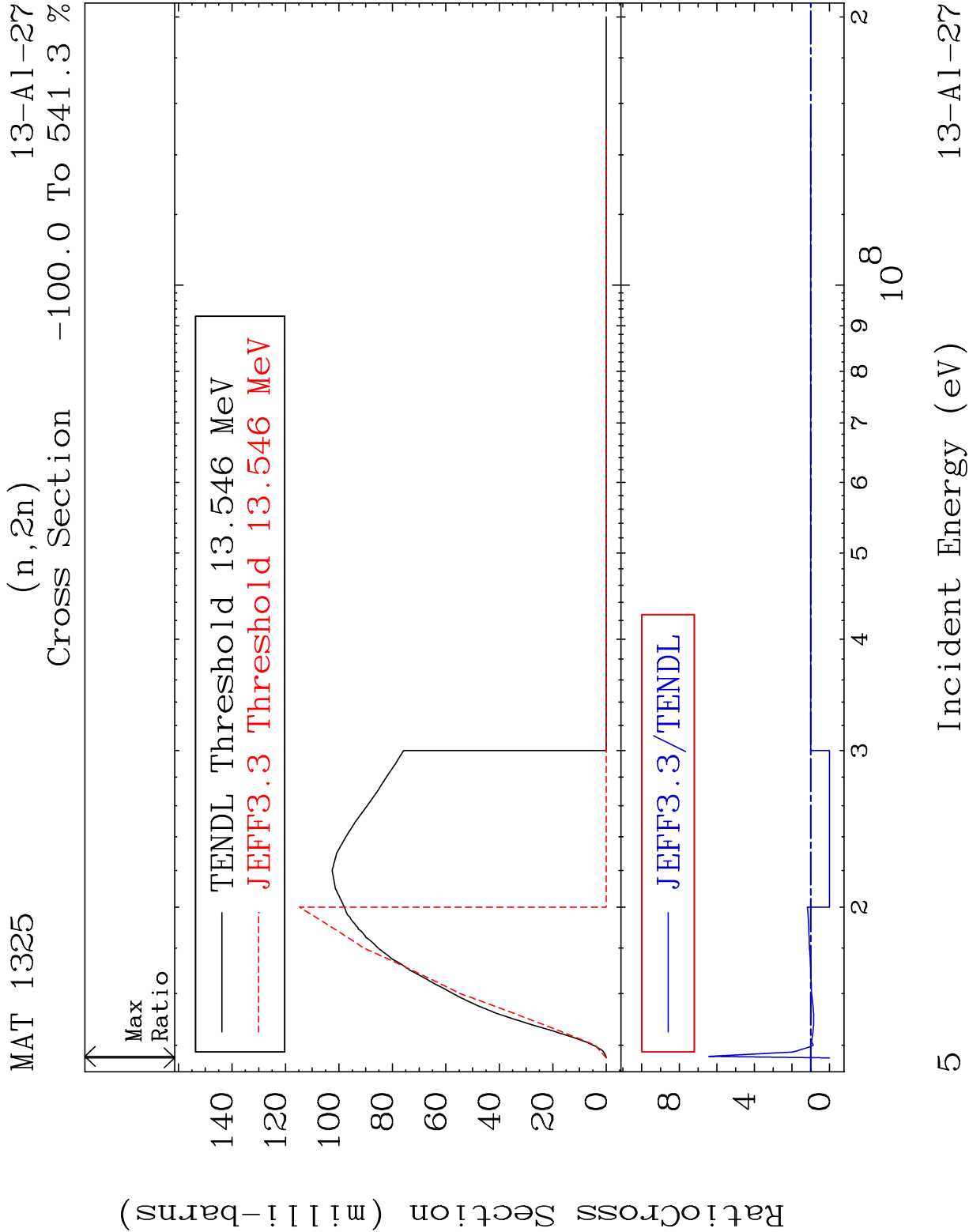
Press Mouse Button to Start

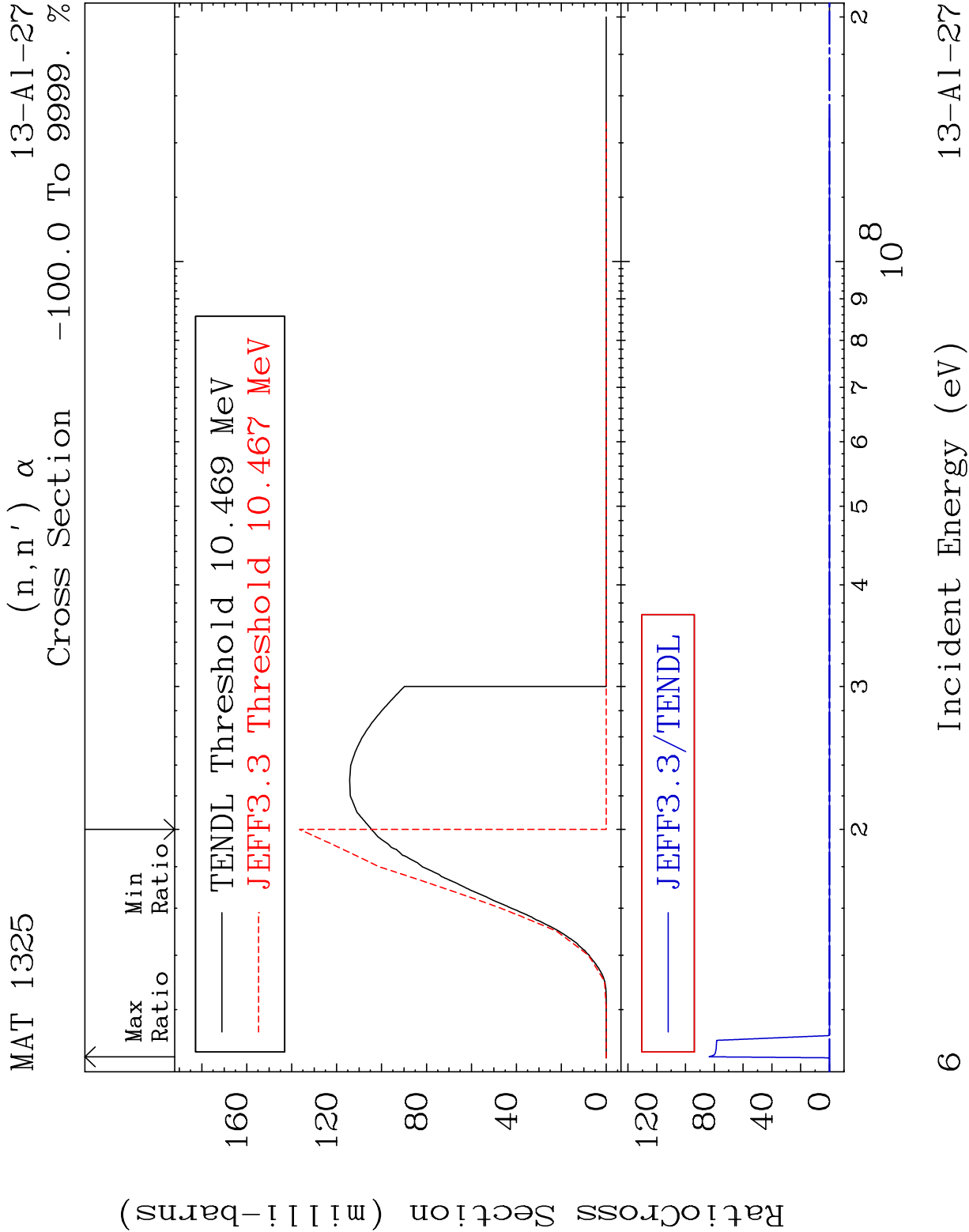


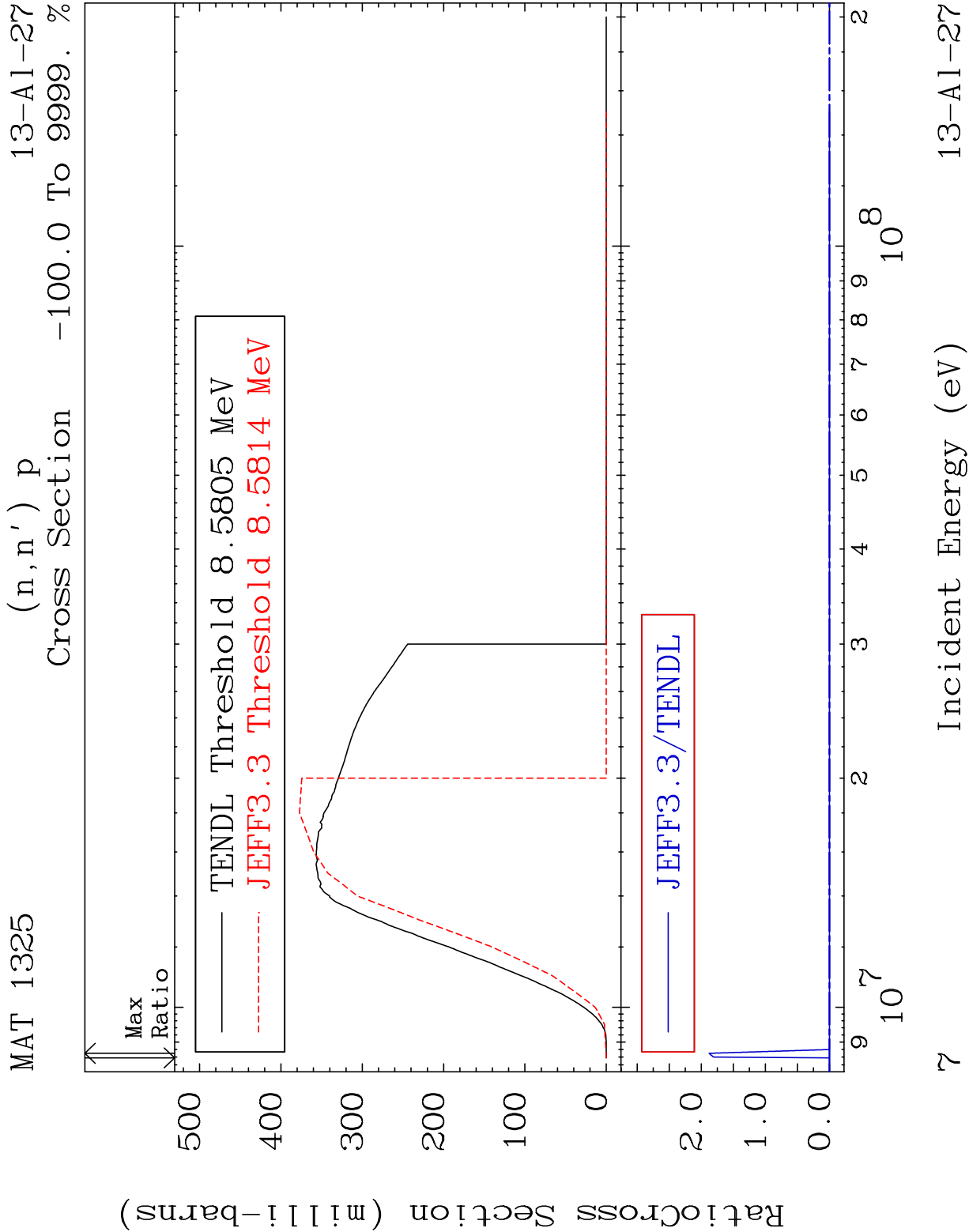










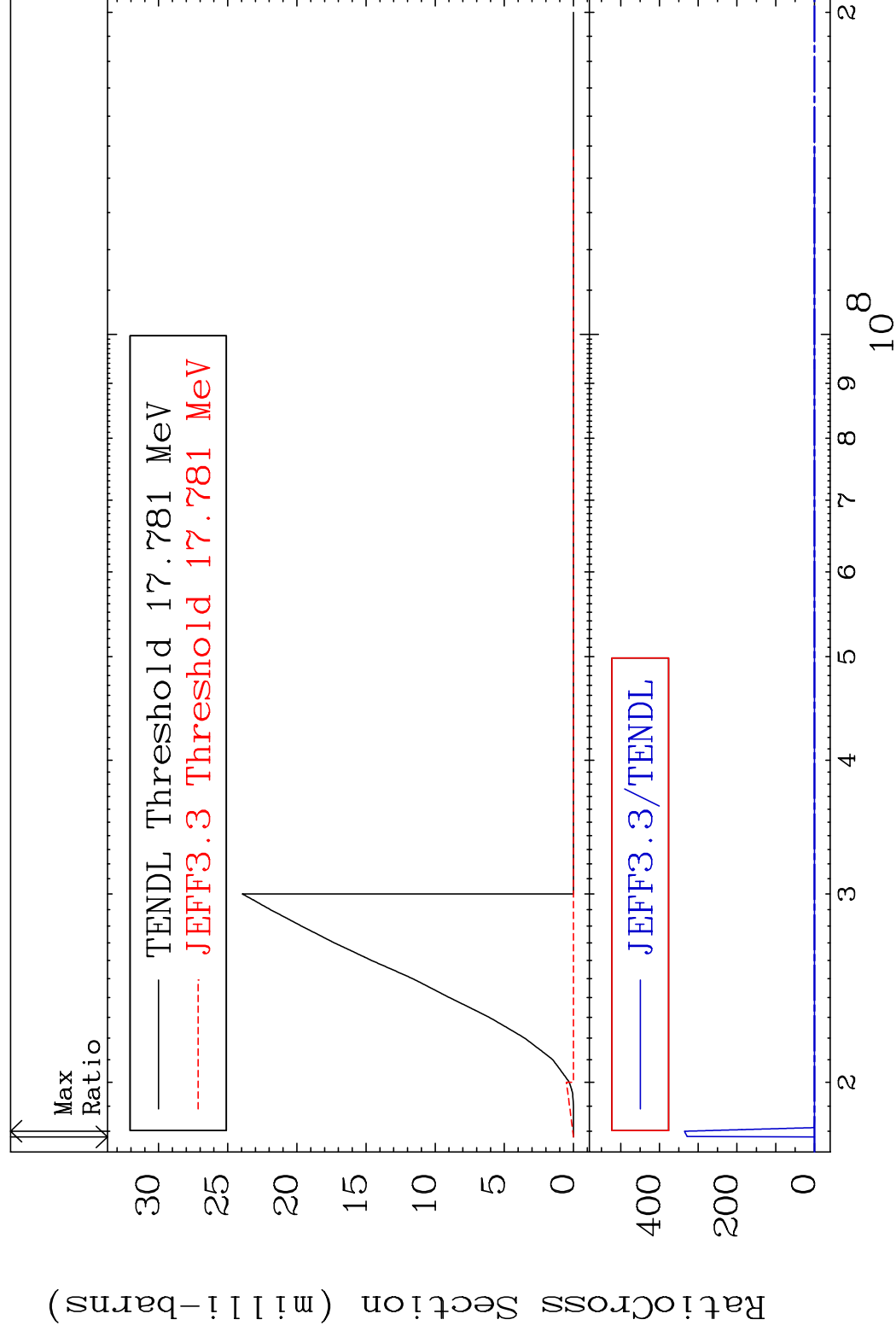


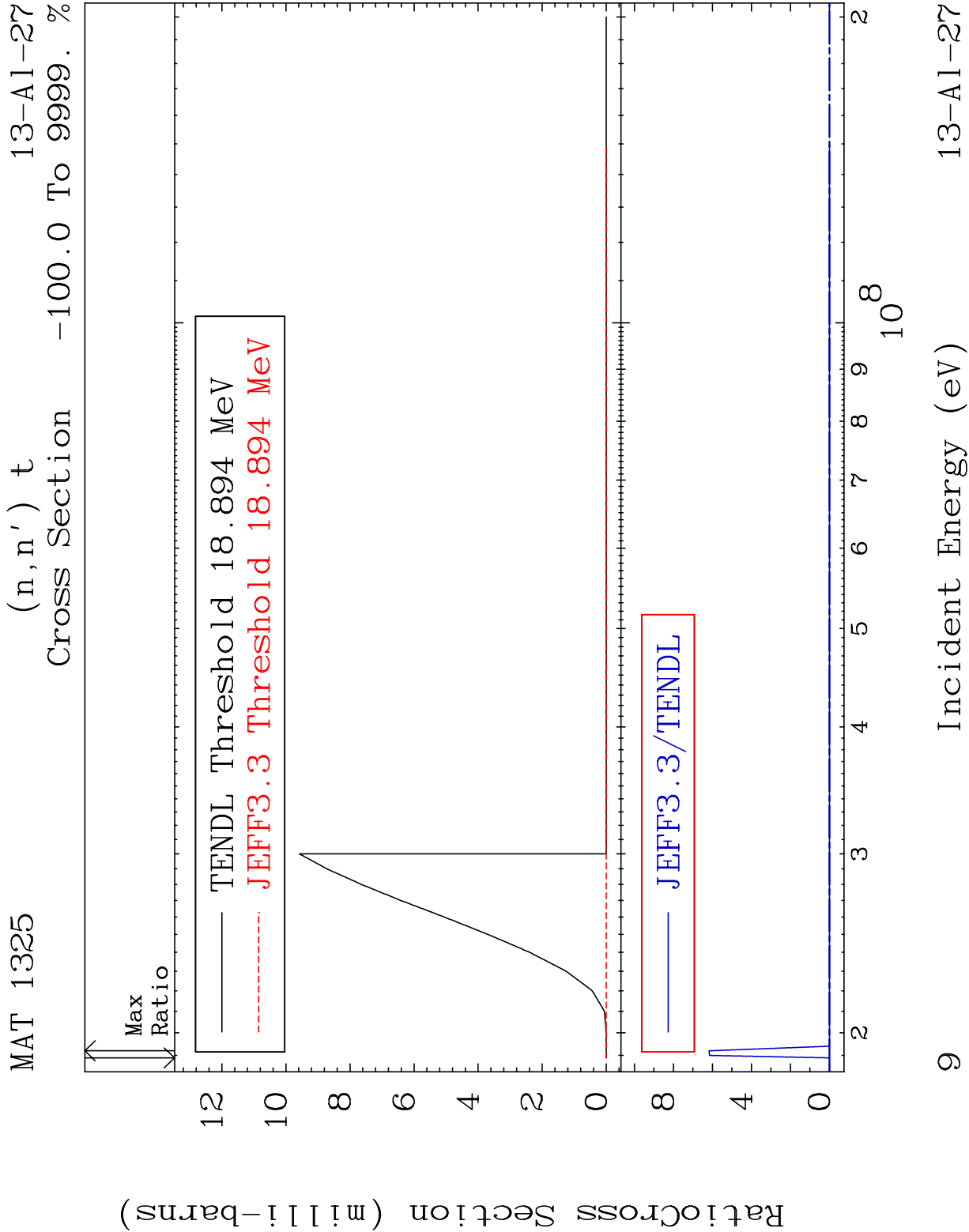
MAT 1325

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

13-A1-27

Cross Section -100.0 To 9999. %



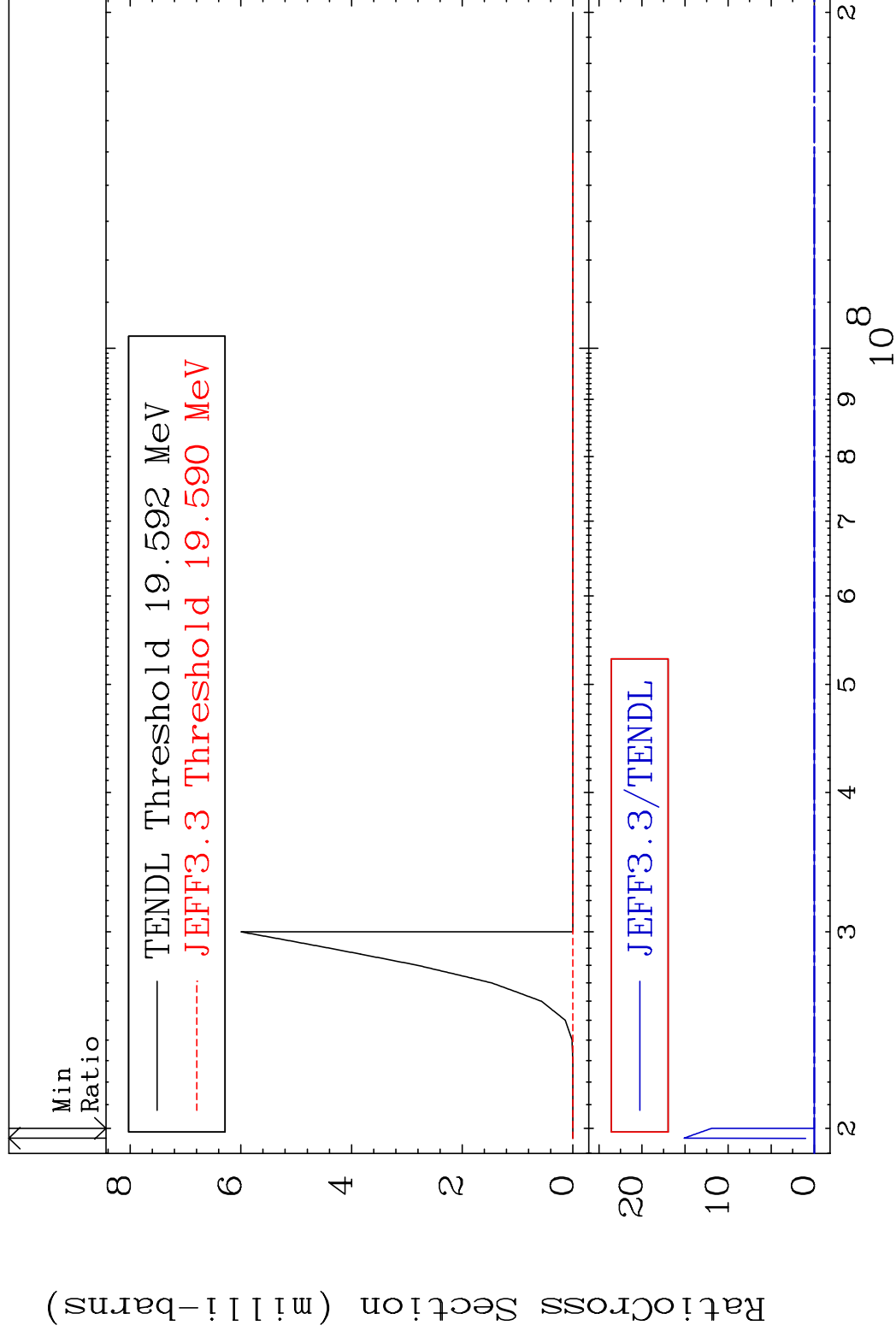


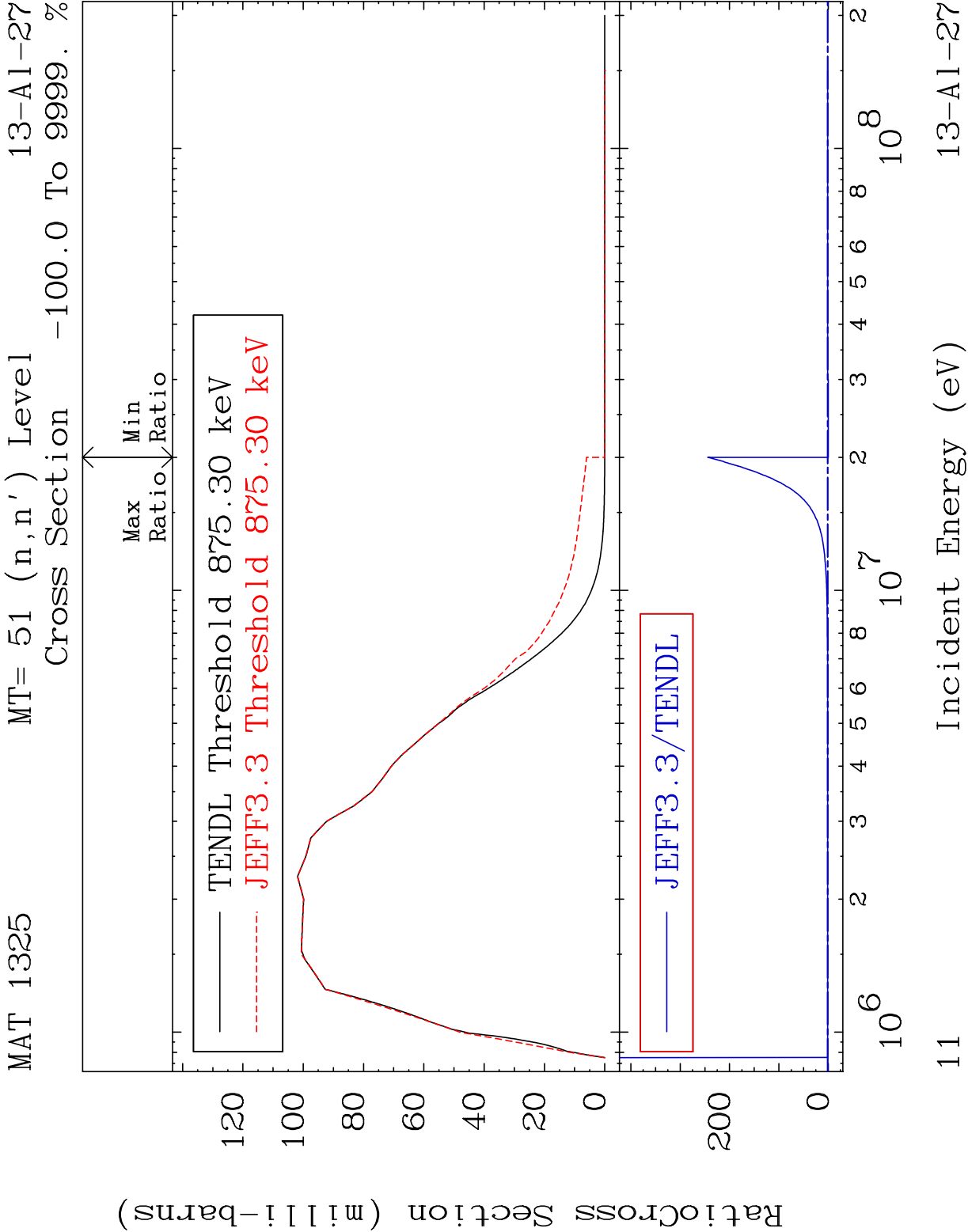
MAT 1325

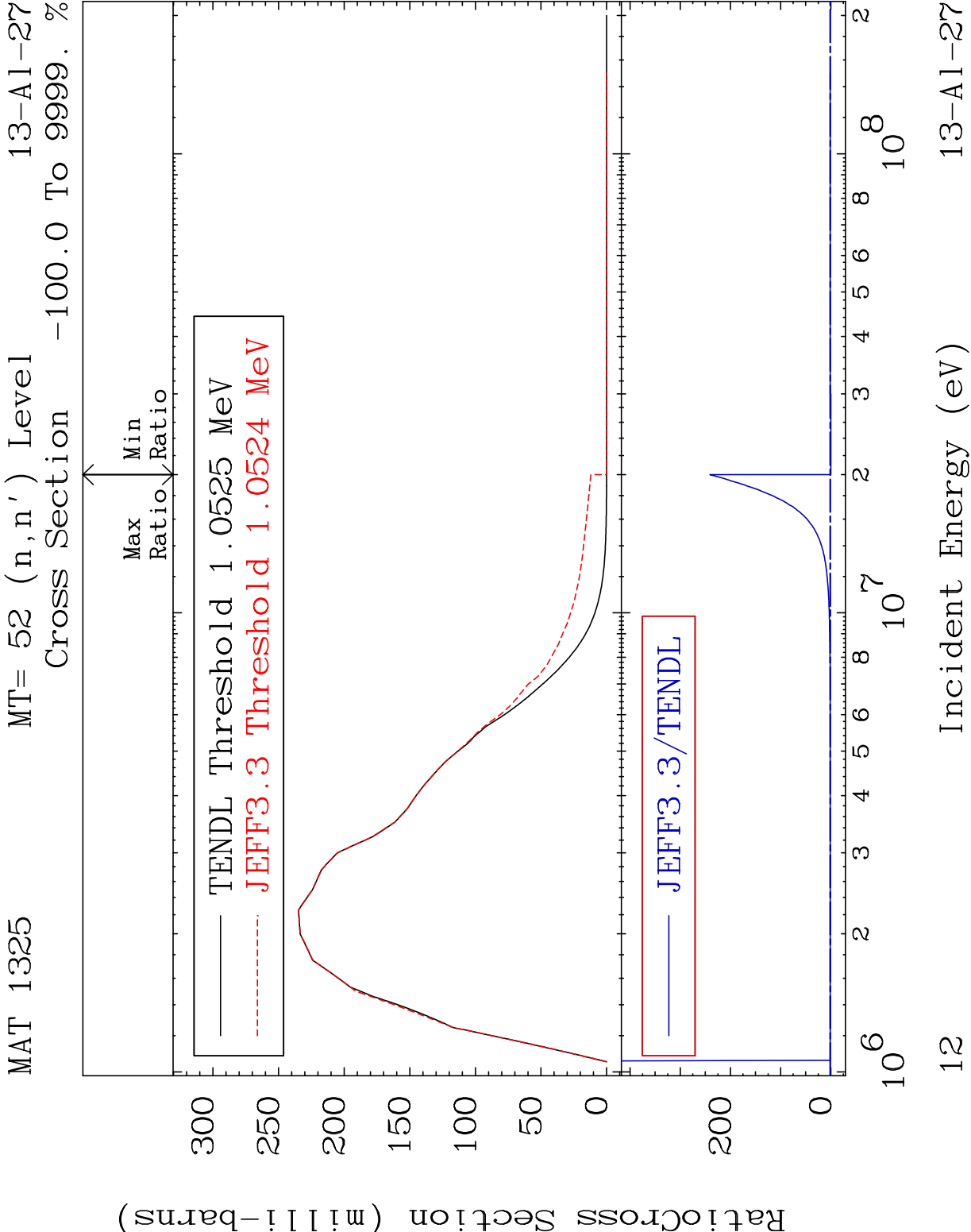
$(n, n') \propto$ 13-Al-27

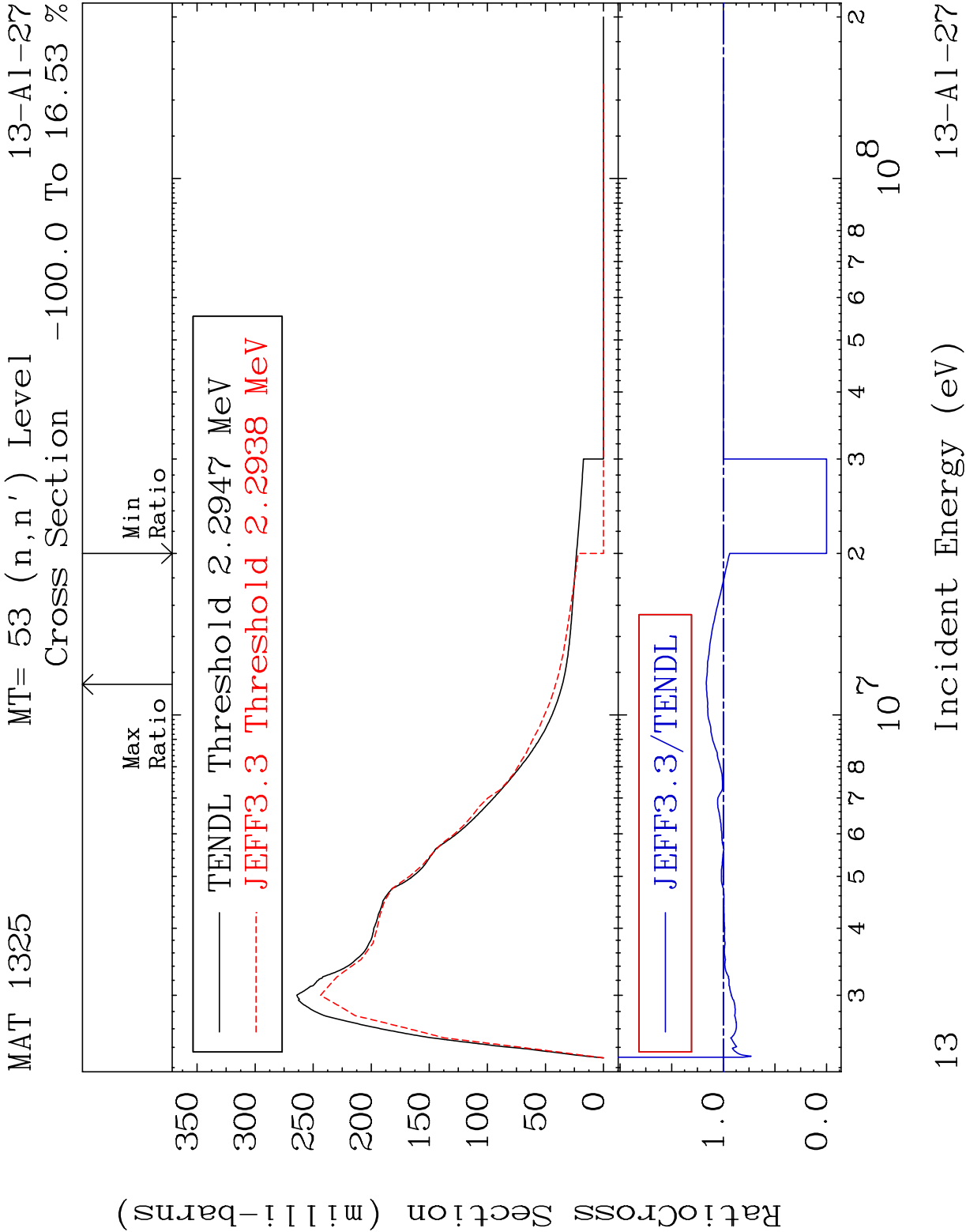
13-A1-27

Cross Section -100.0 To 9999. %

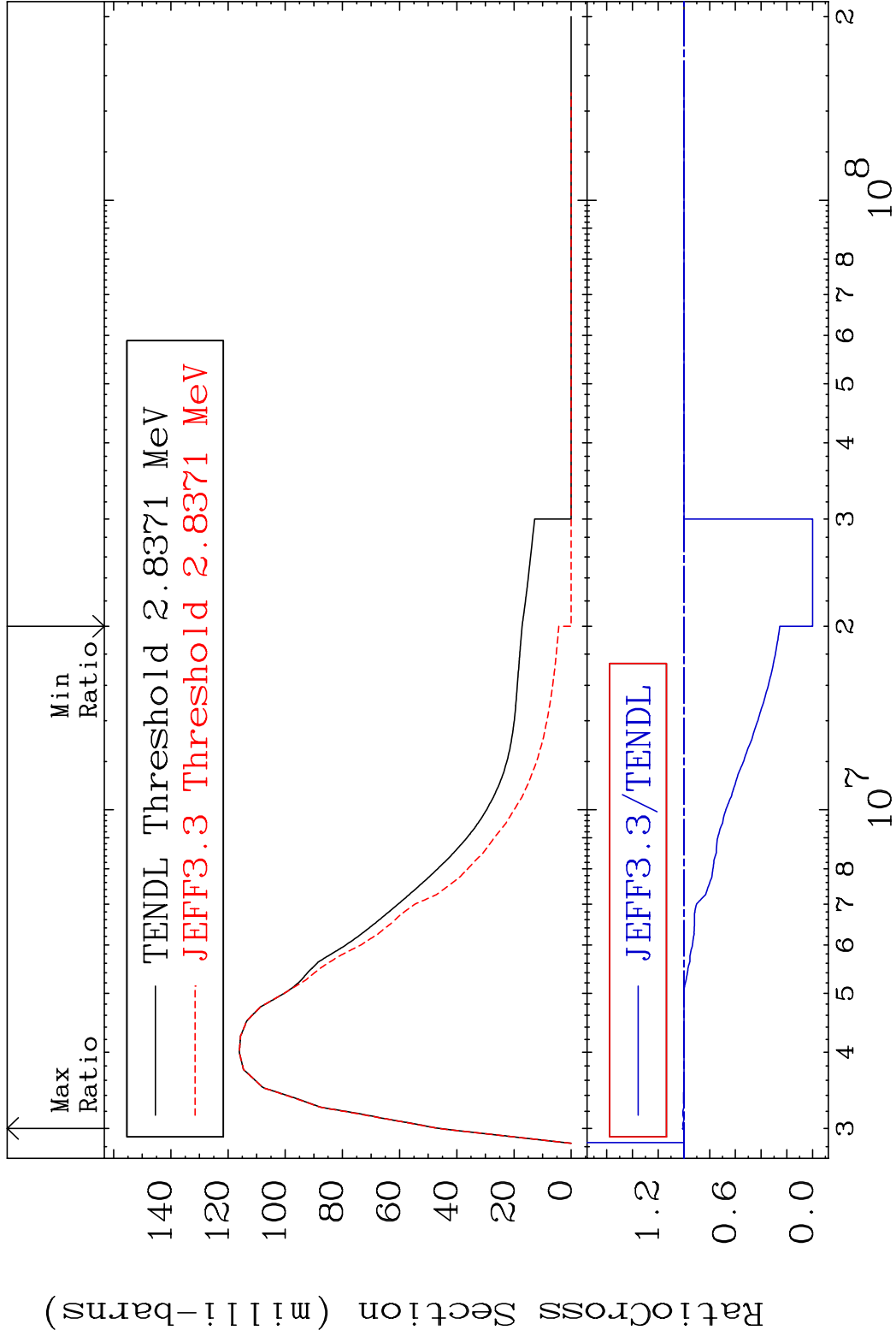




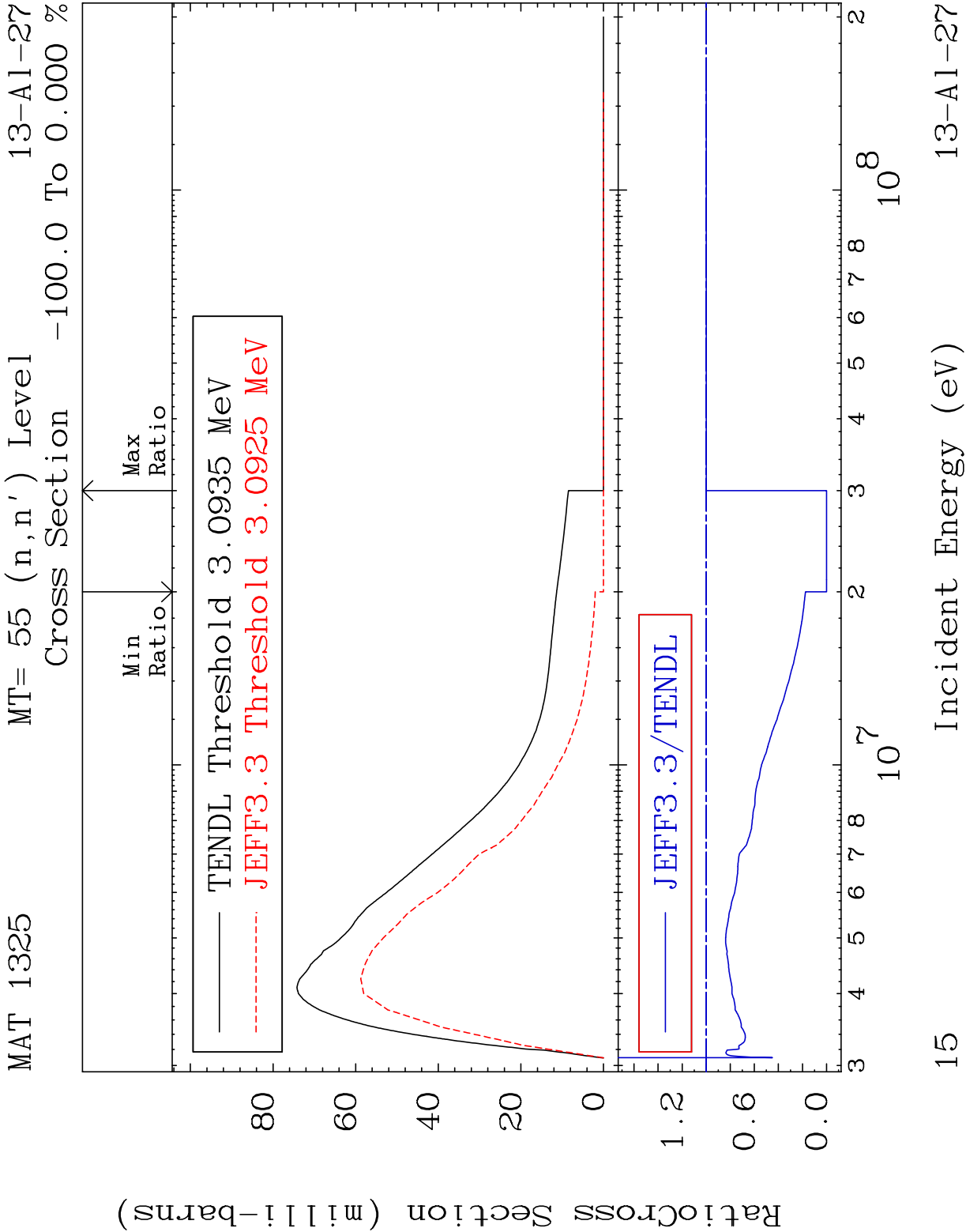




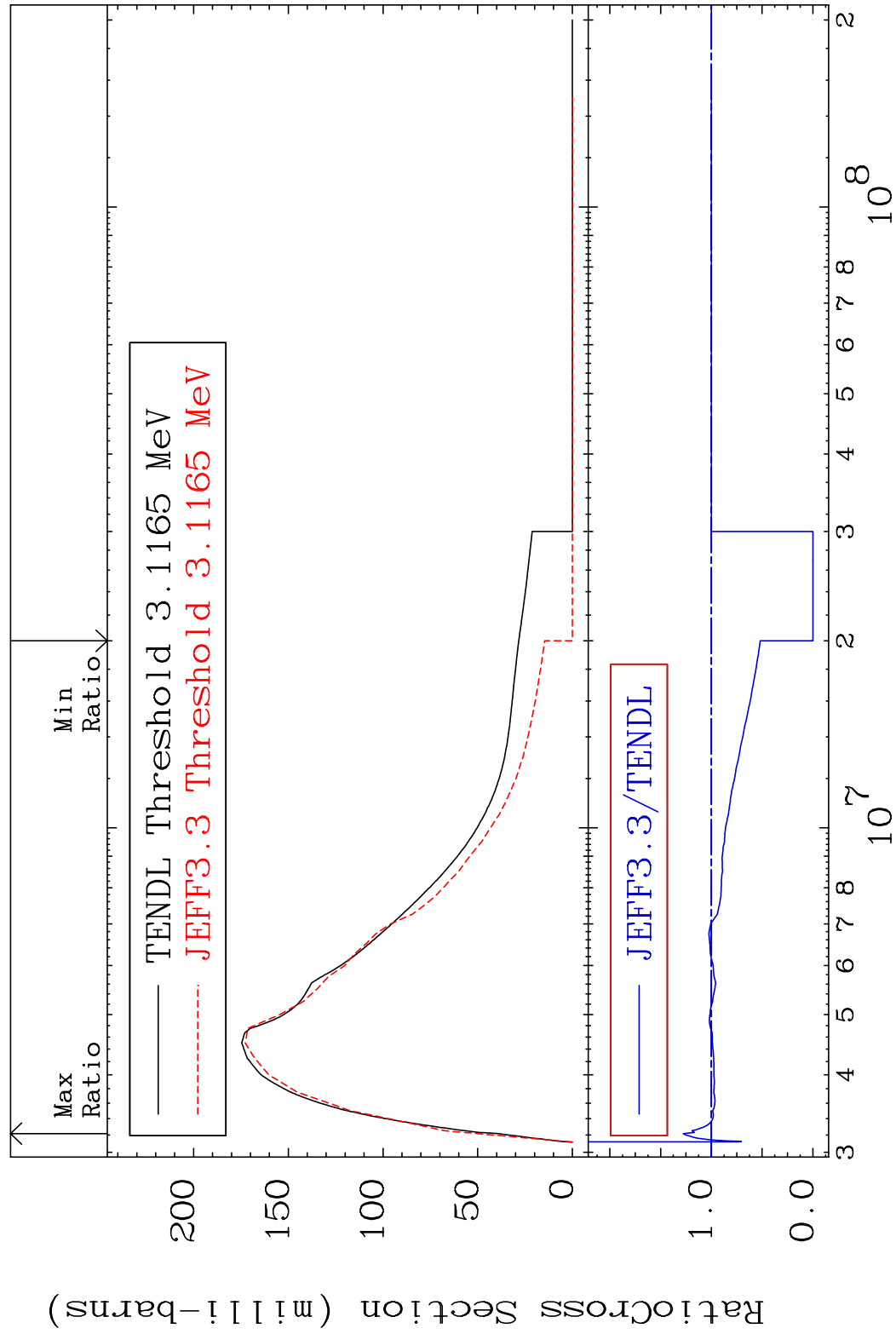
MAT 1325 MT= 54 (n,n') Level 13-Al-27
Cross Section -100.0 To 1.220 %



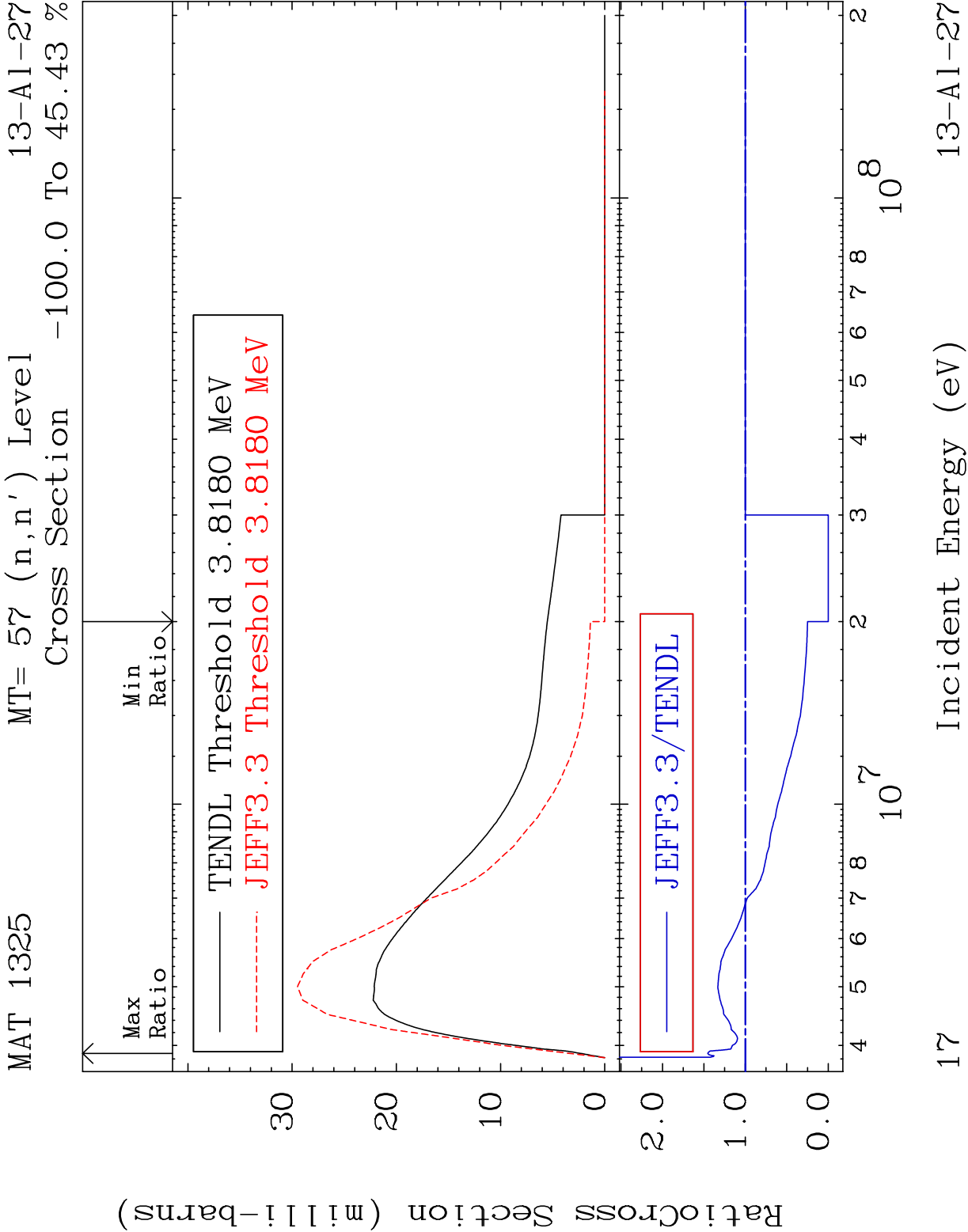
14 Incident Energy (eV) 13-Al-27

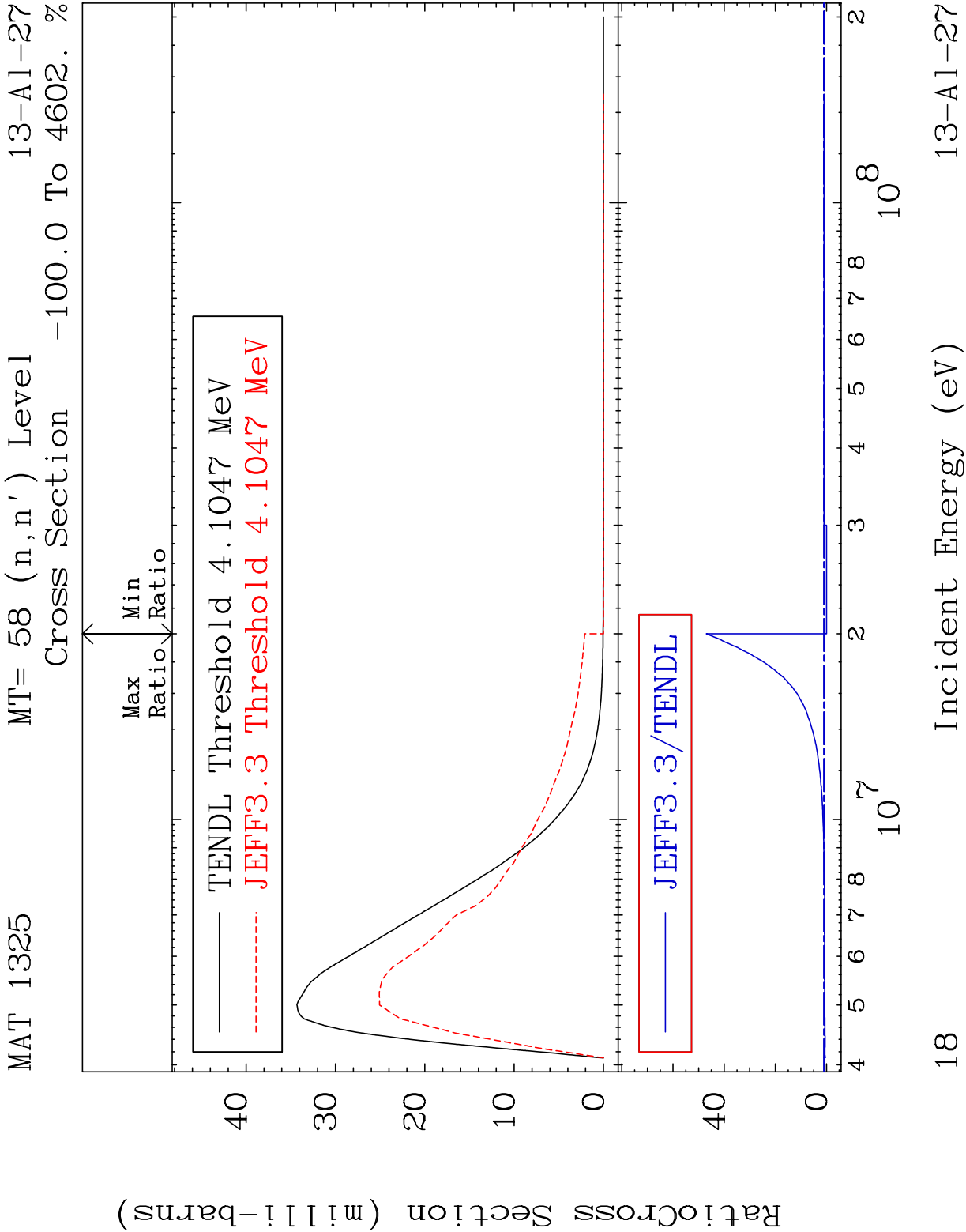


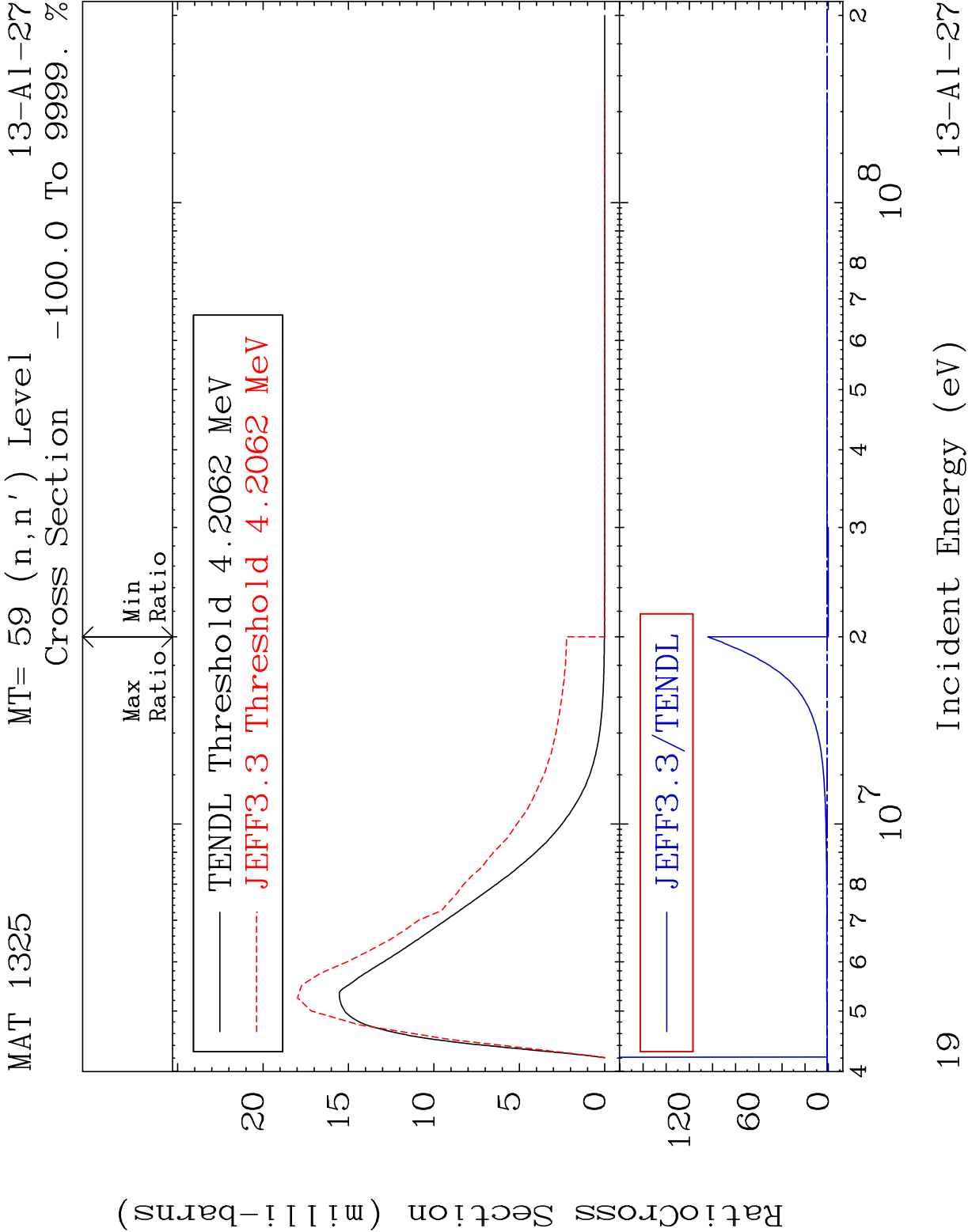
MAT 1325 MT= 56 (n,n') Level 13-Al-27
Cross Section -100.0 To 27.79 %

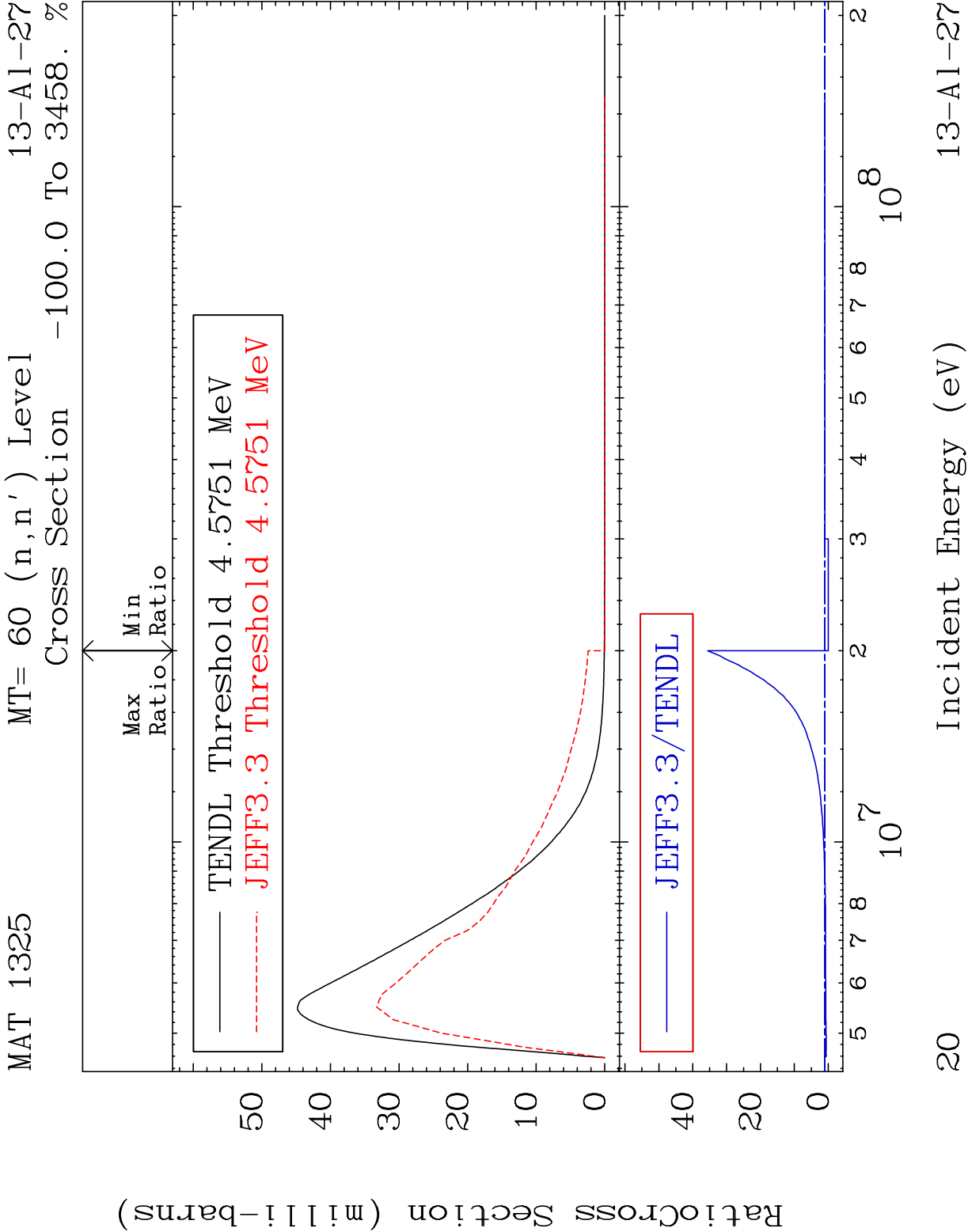


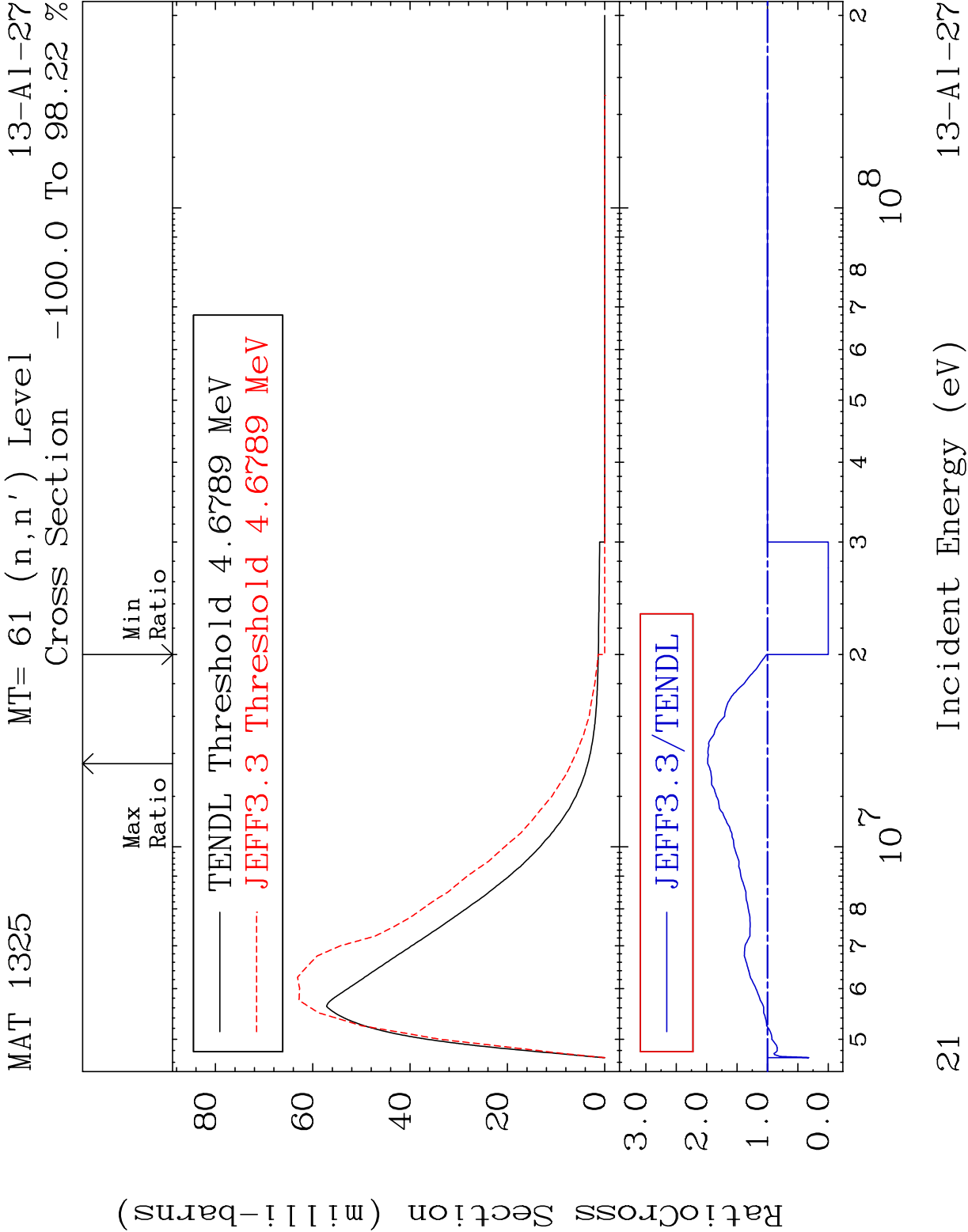
16 Incident Energy (eV) 13-Al-27











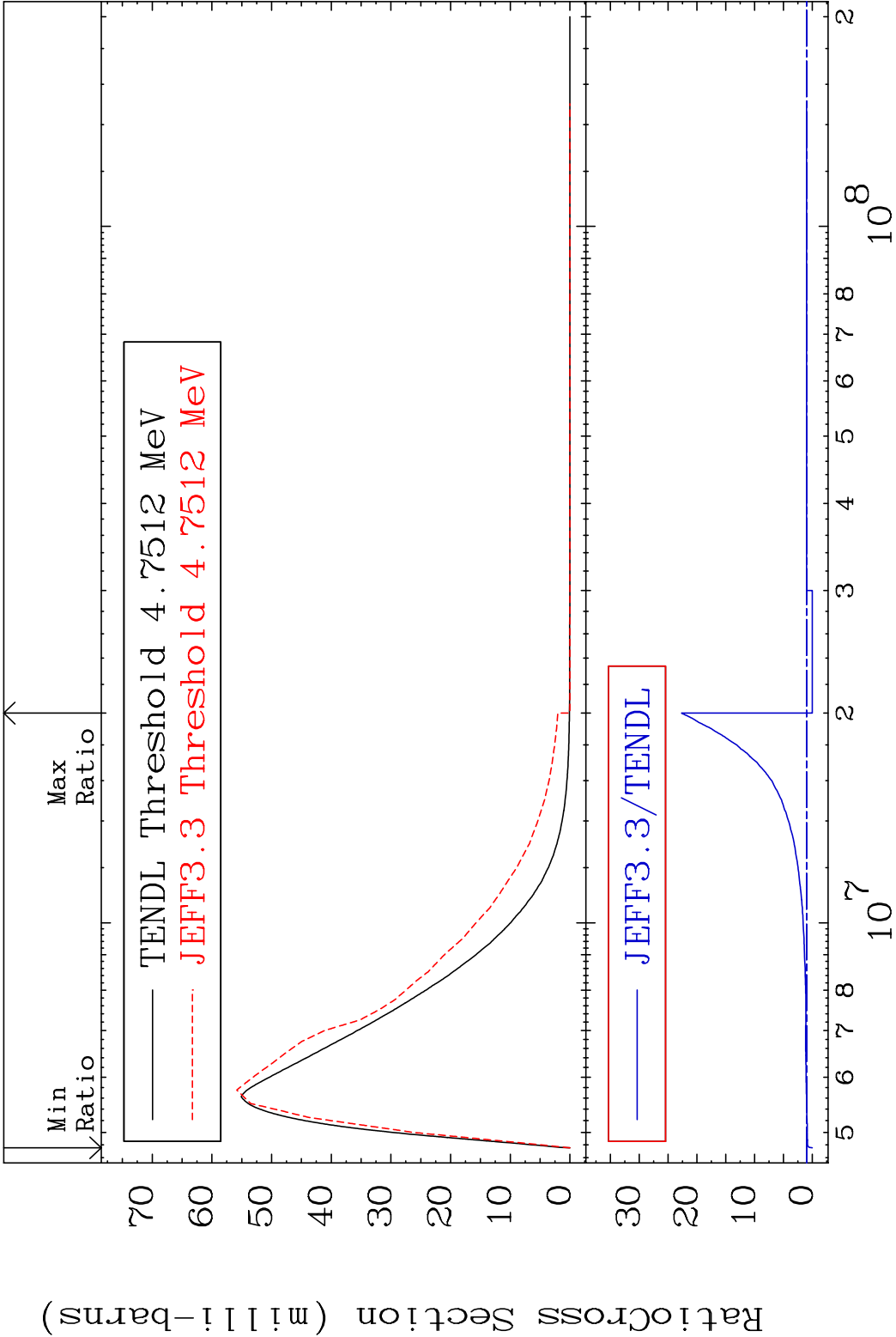
MAT 1325

MT= 62 (n,n') Level

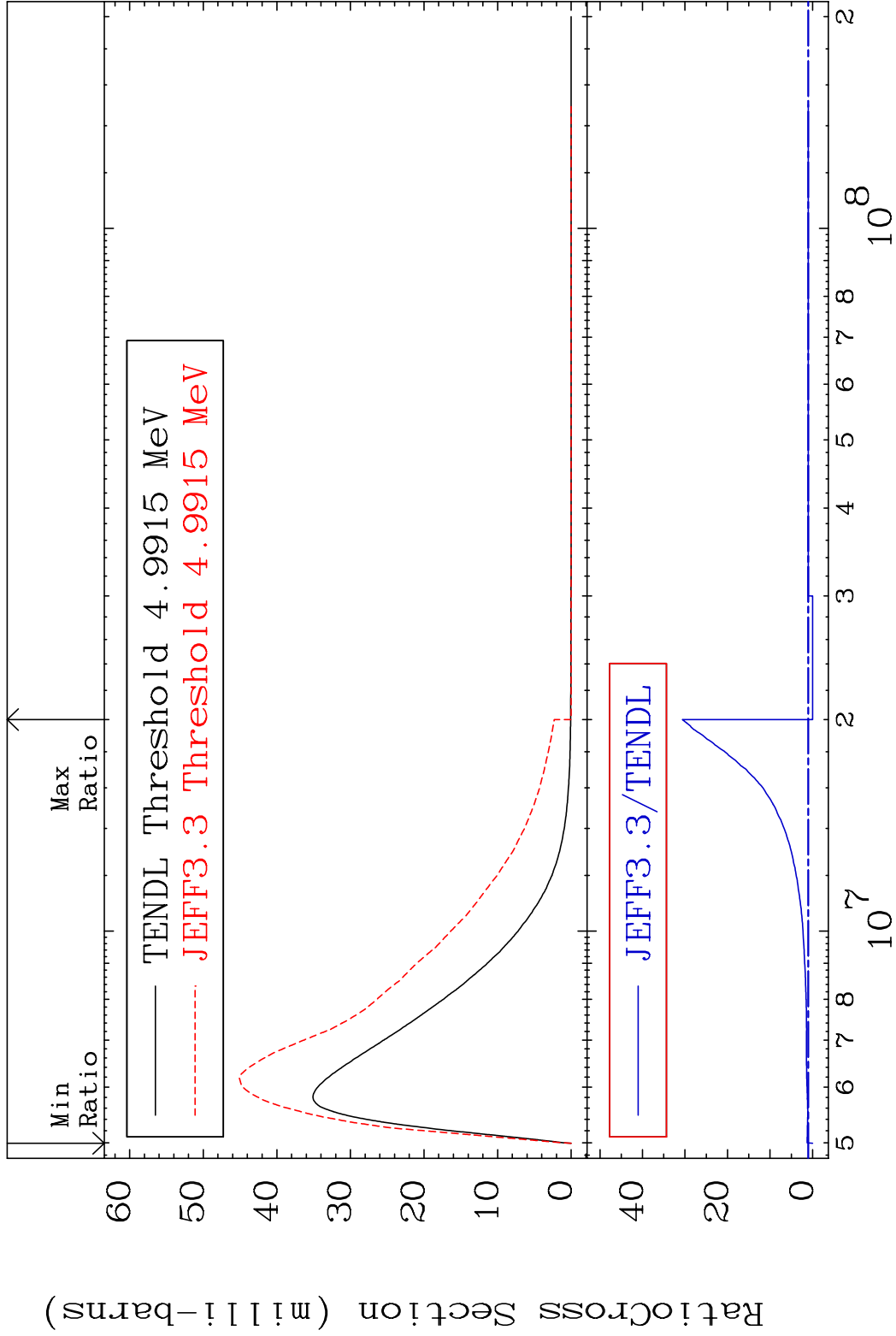
13-Al-27

Cross Section

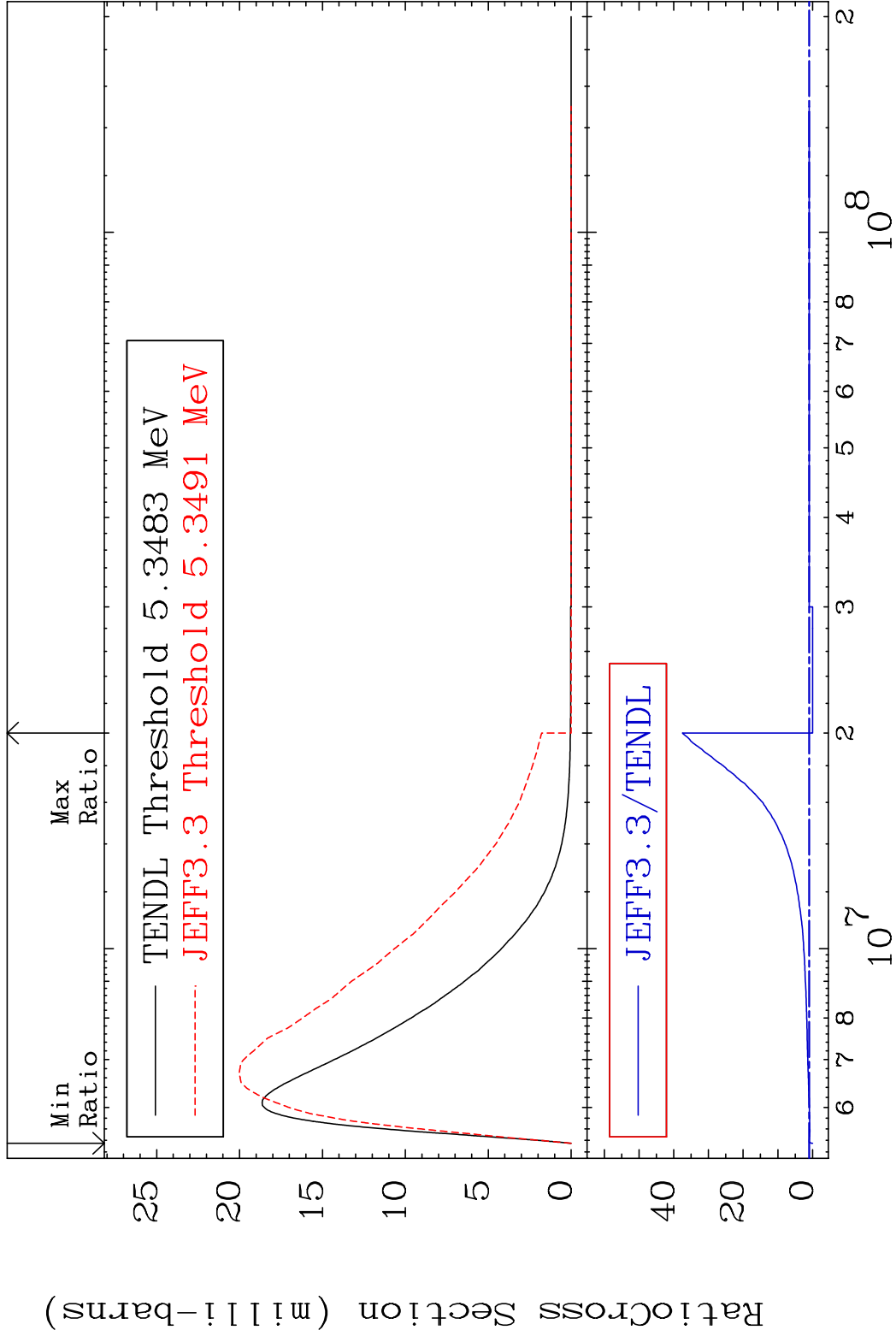
-100.0 To 2165. %



MAT 1325 MT= 63 (n,n') Level 13-Al-27
Cross Section -100.0 To 2962. %

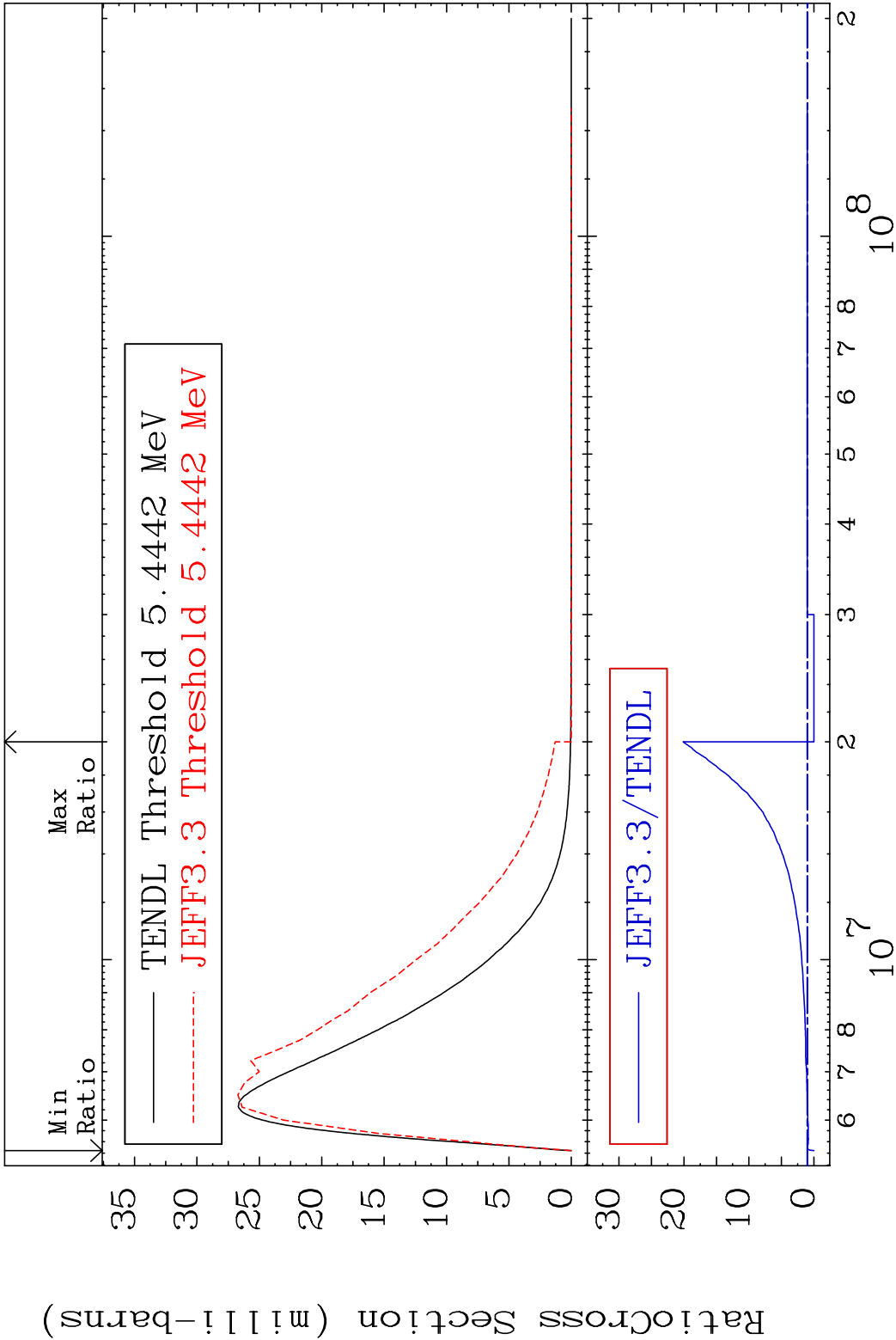


MAT 1325 MT= 64 (n,n') Level 13-Al-27
Cross Section -100.0 To 3652. %



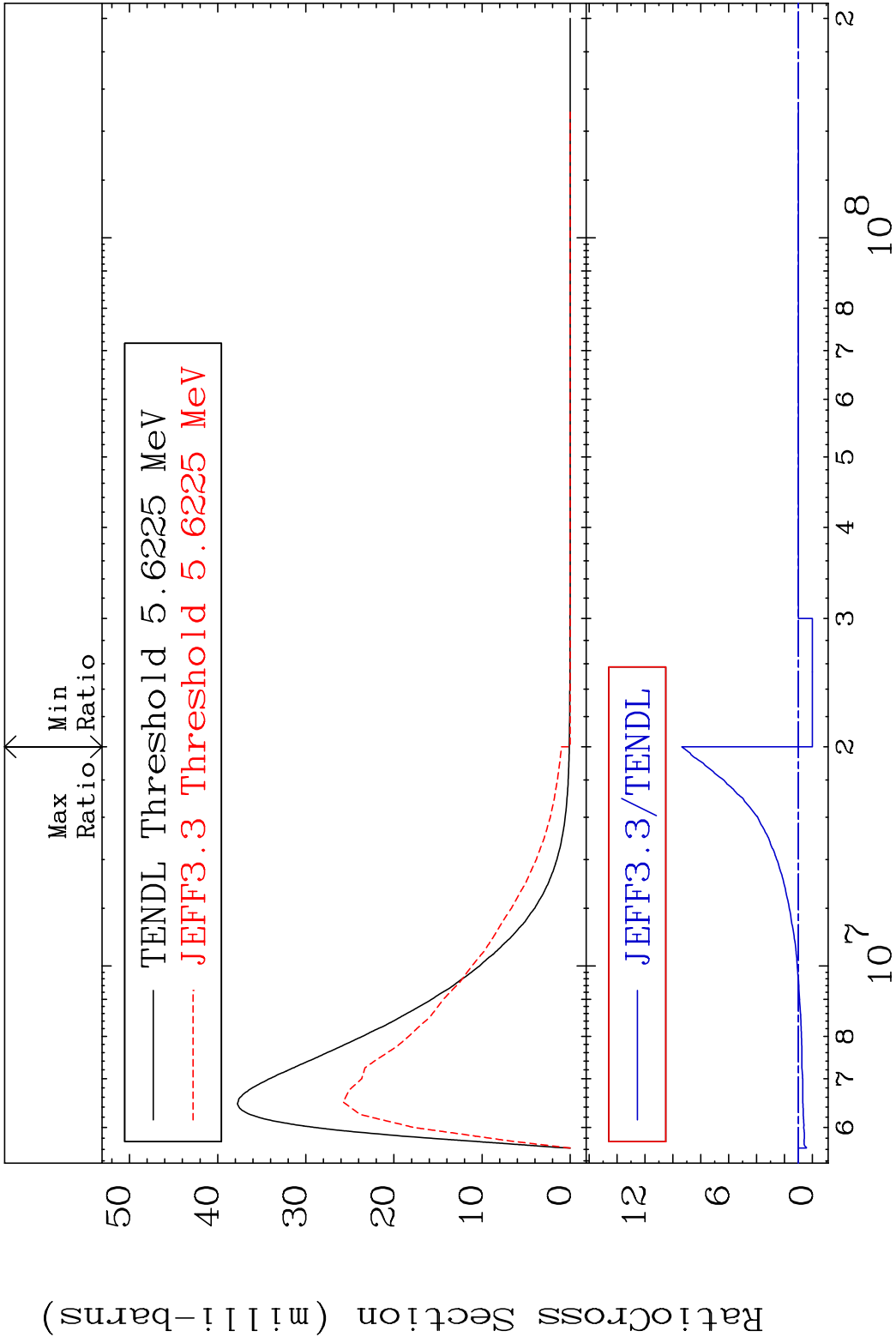
24 Incident Energy (eV) 13-Al-27

MAT 1325 MT= 65 (n,n') Level 13-Al-27
Cross Section -100.0 To 1914. %



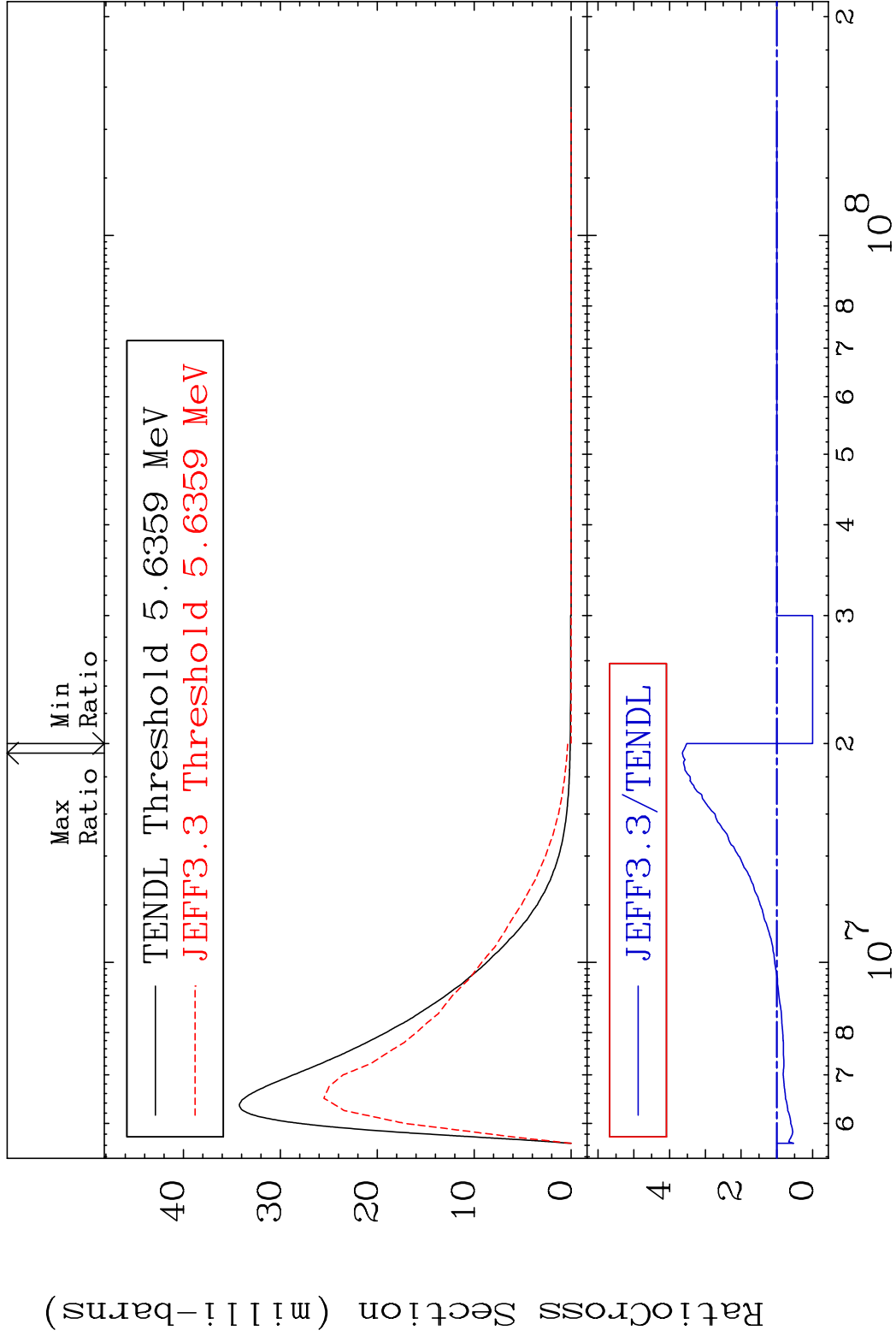
25

MAT 1325 MT= 66 (n,n') Level 13-Al-27
 Cross Section -100.0 To 836.1 %

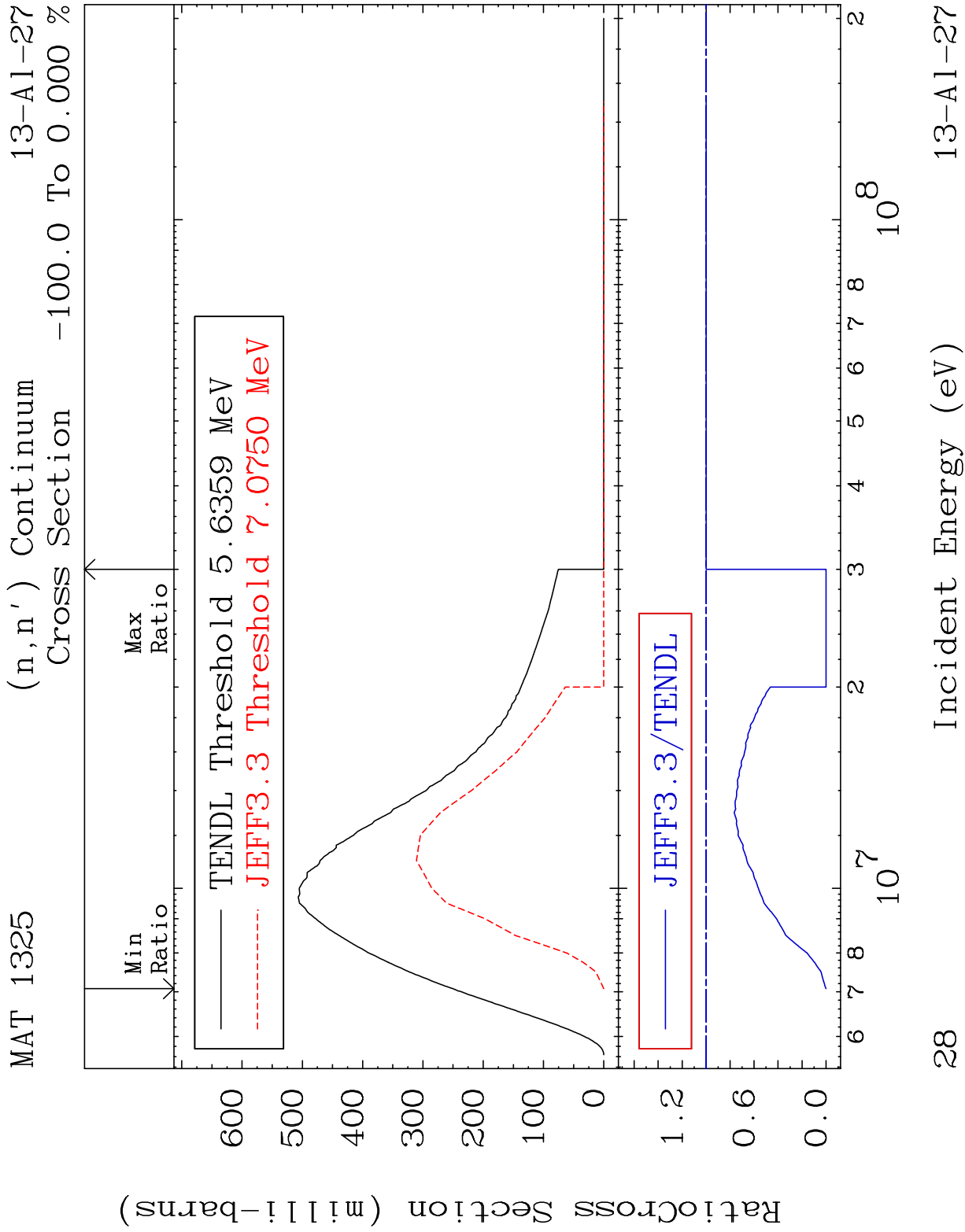


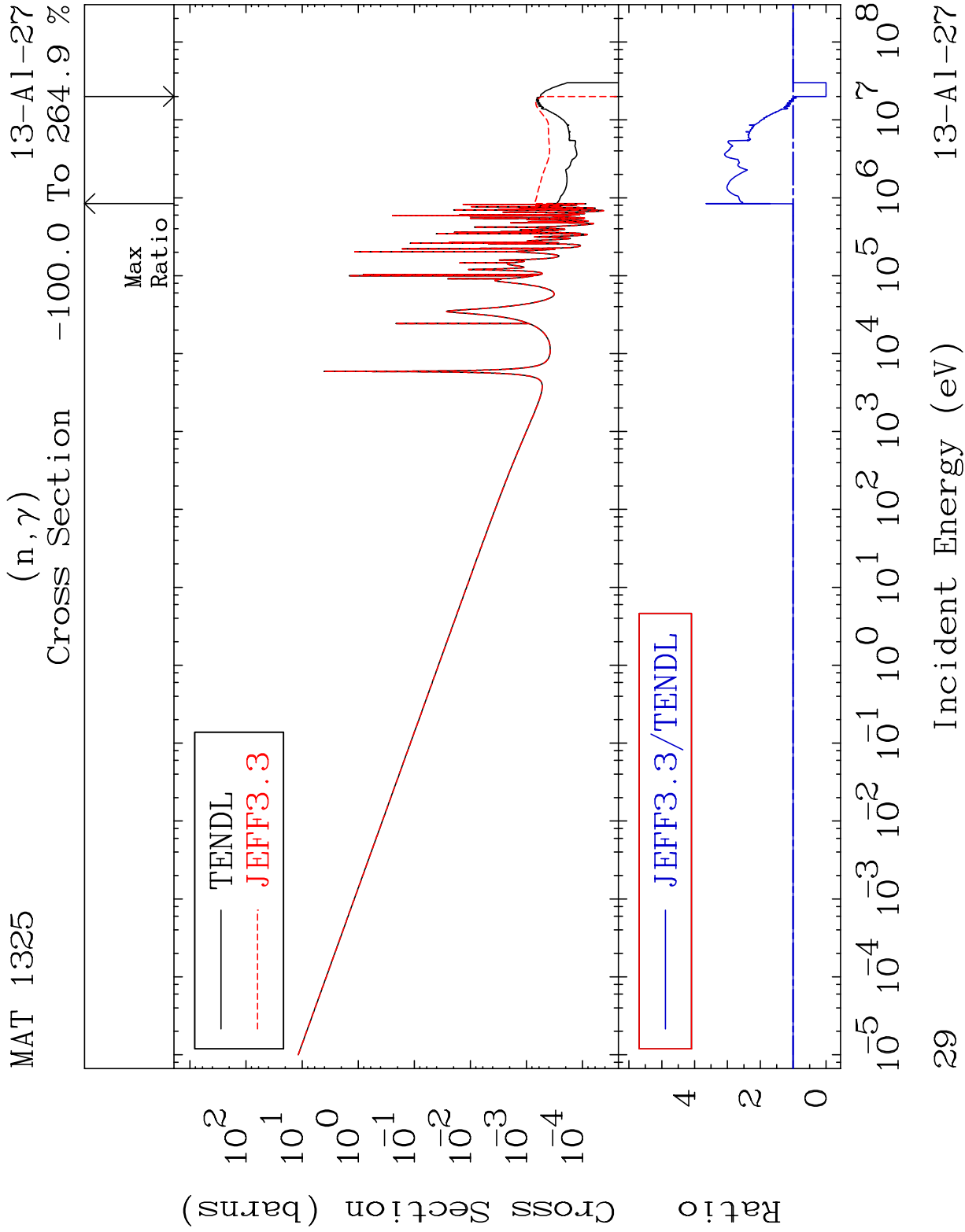
26 Incident Energy (eV) 13-Al-27

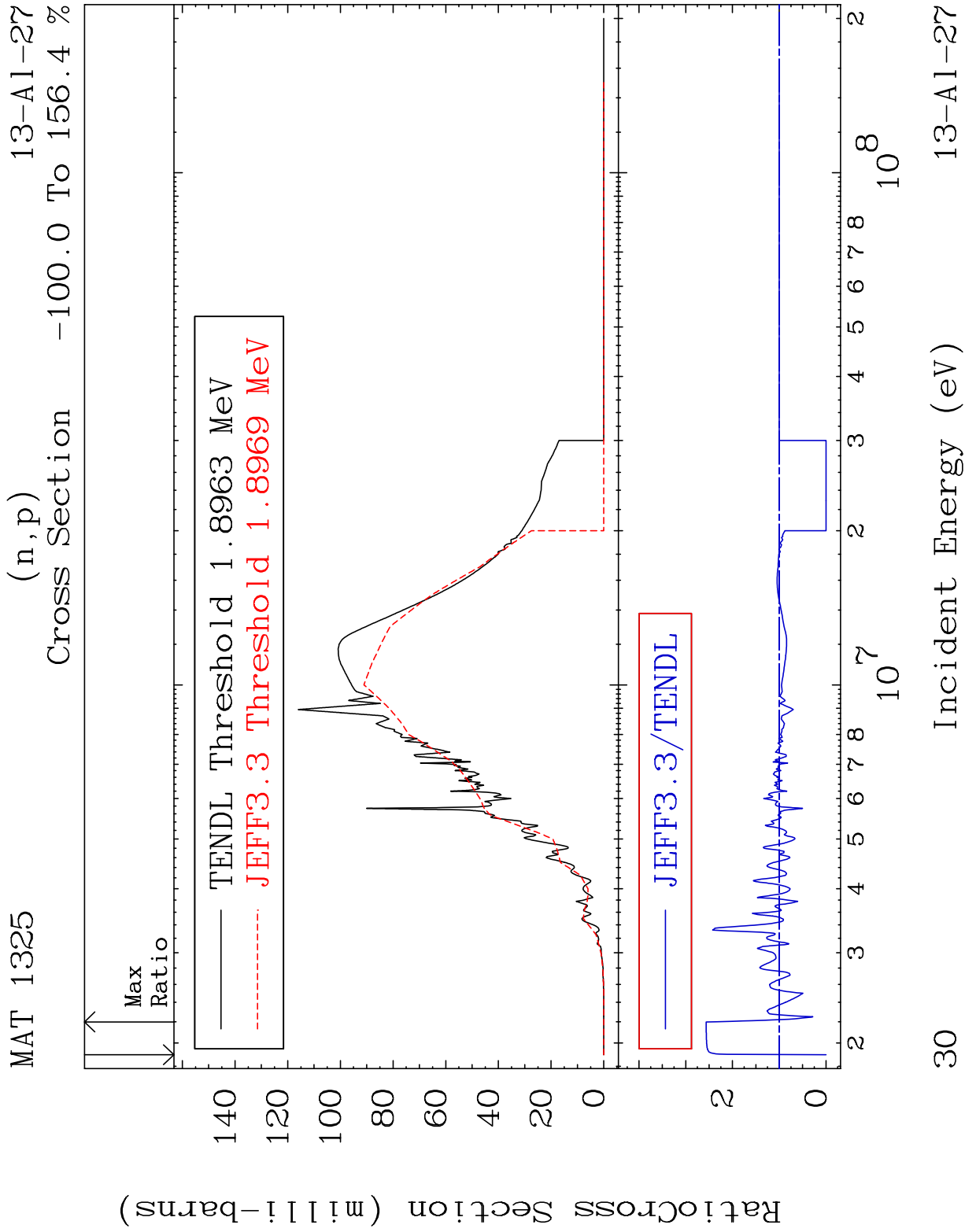
MAT 1325 MT= 67 (n,n') Level 13-Al-27
Cross Section -100.0 To 264.2 %

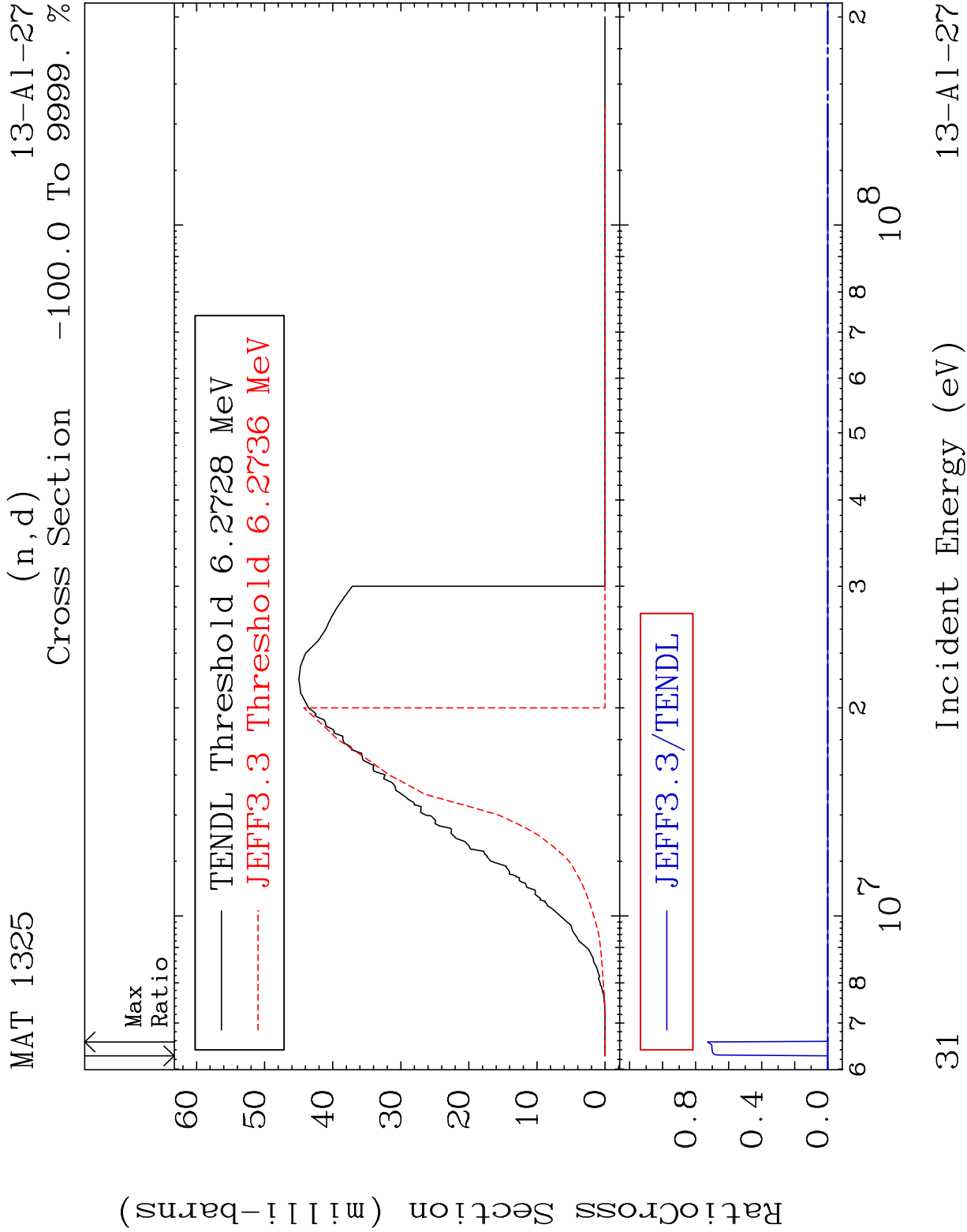


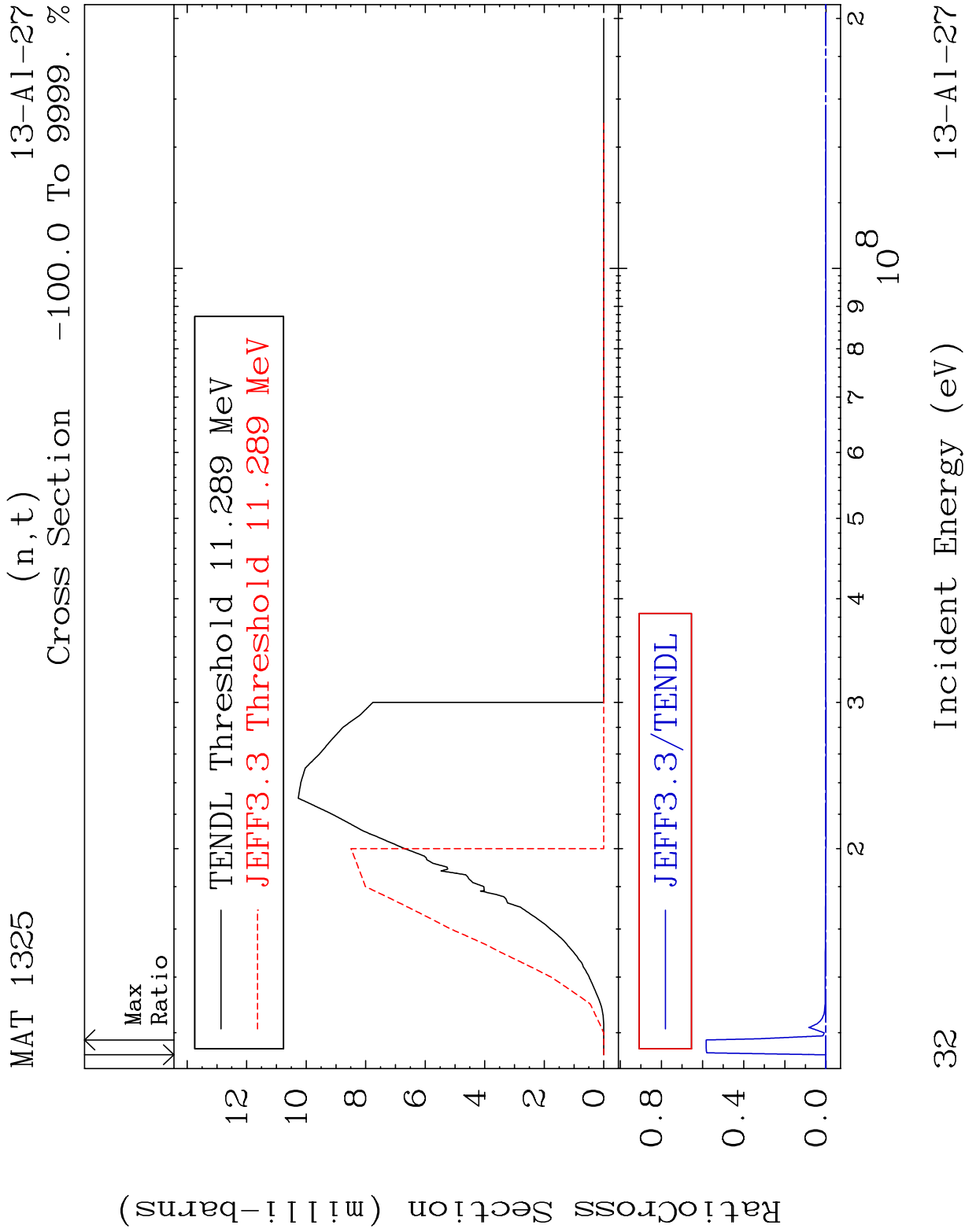
27 Incident Energy (eV) 13-Al-27

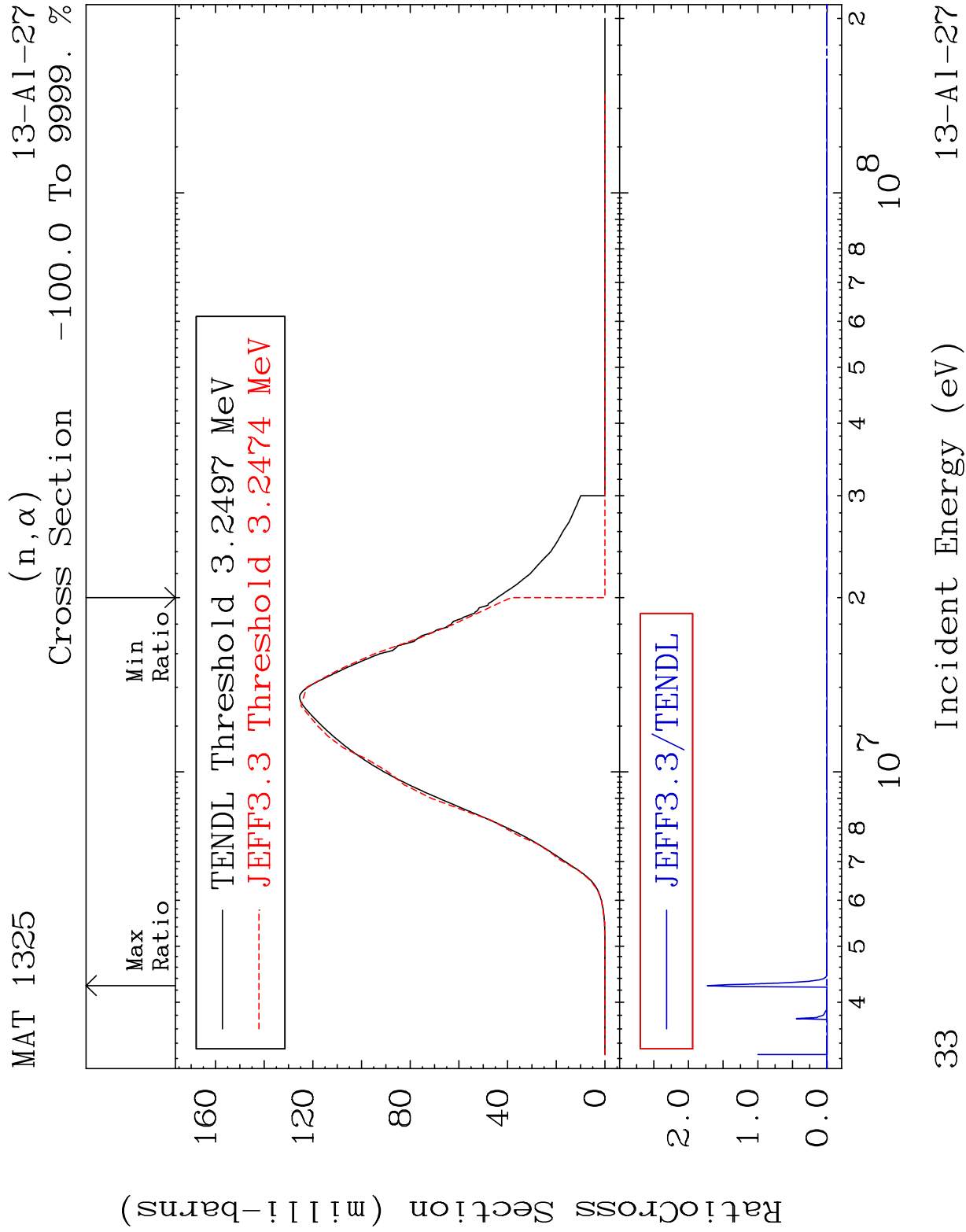


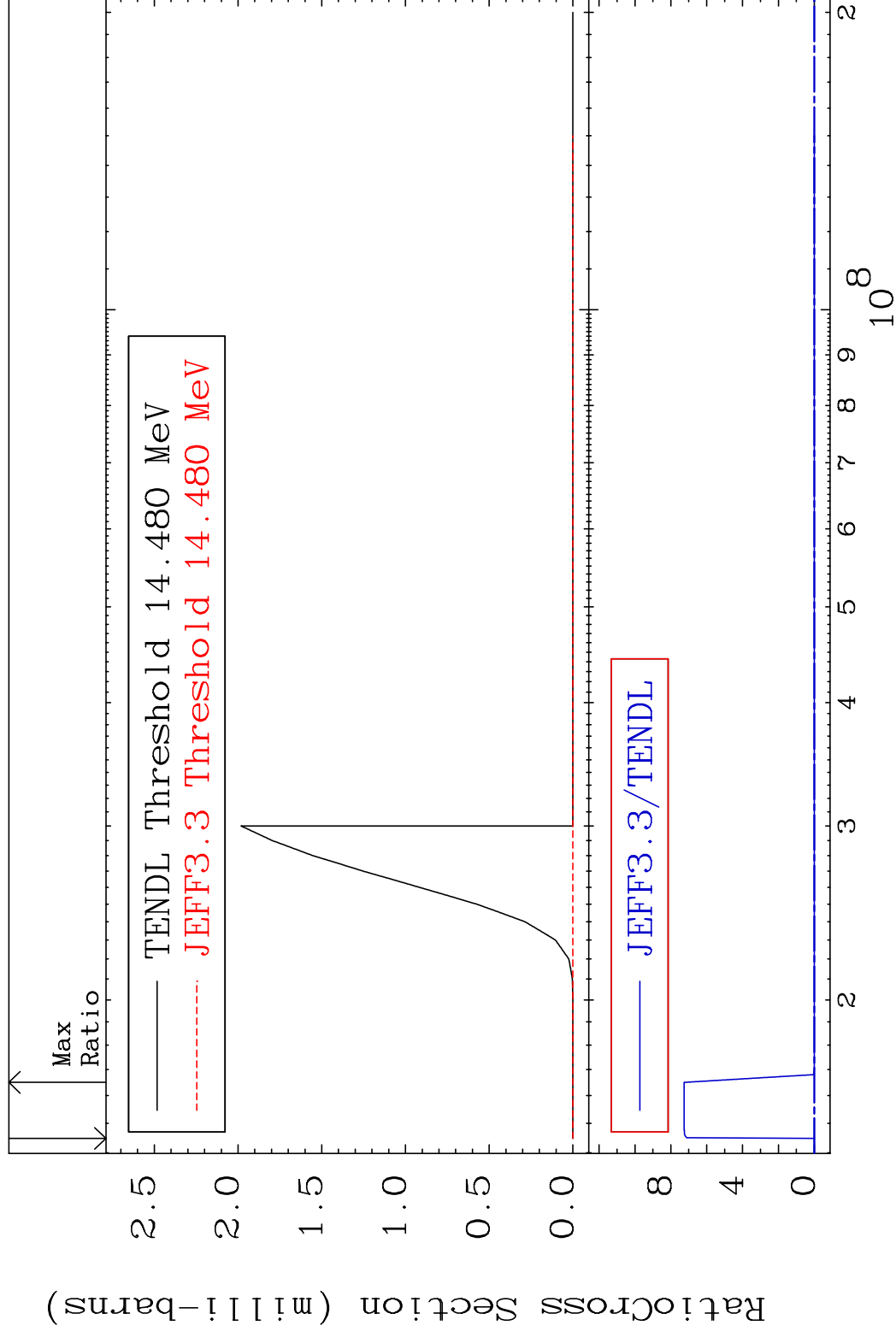


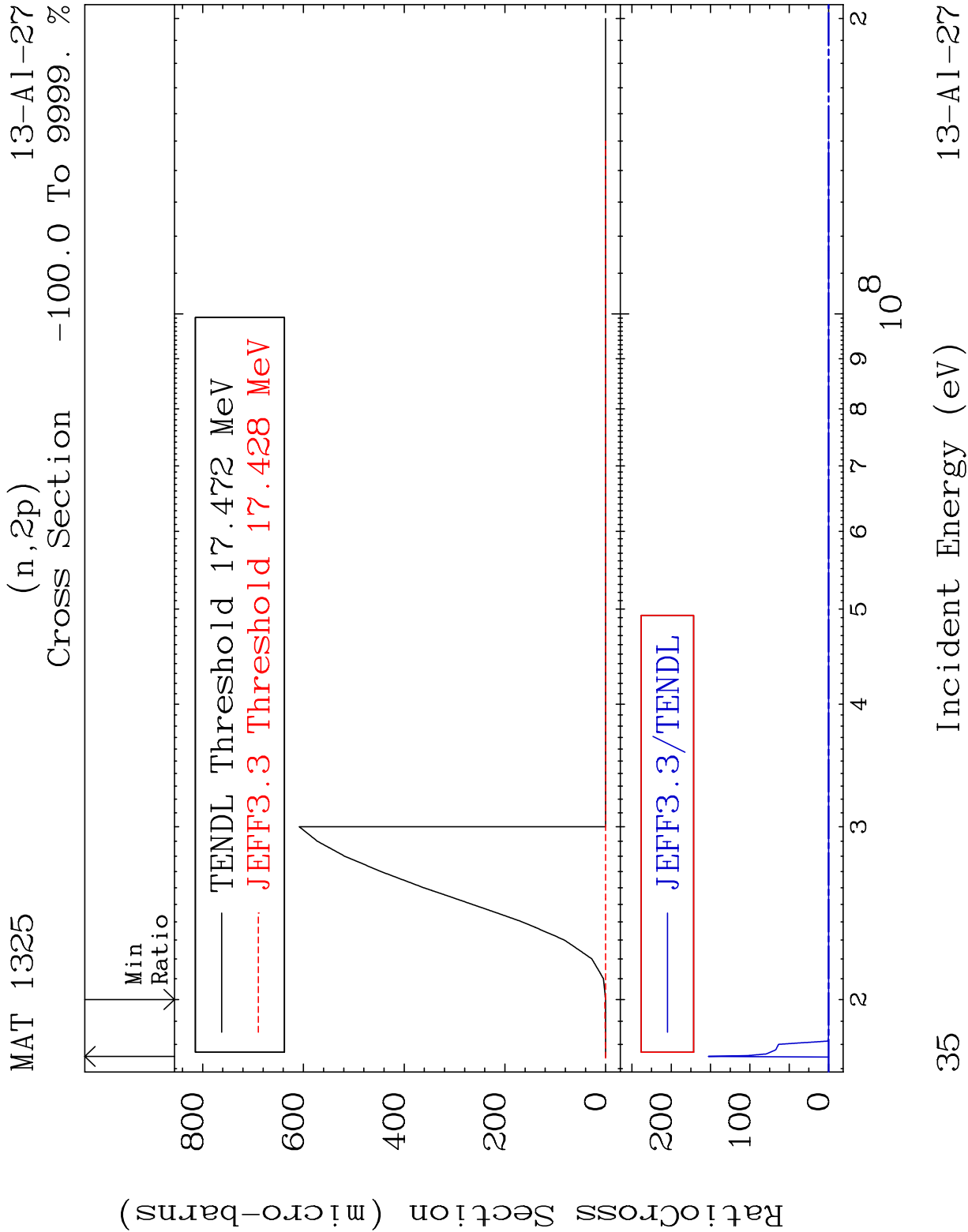


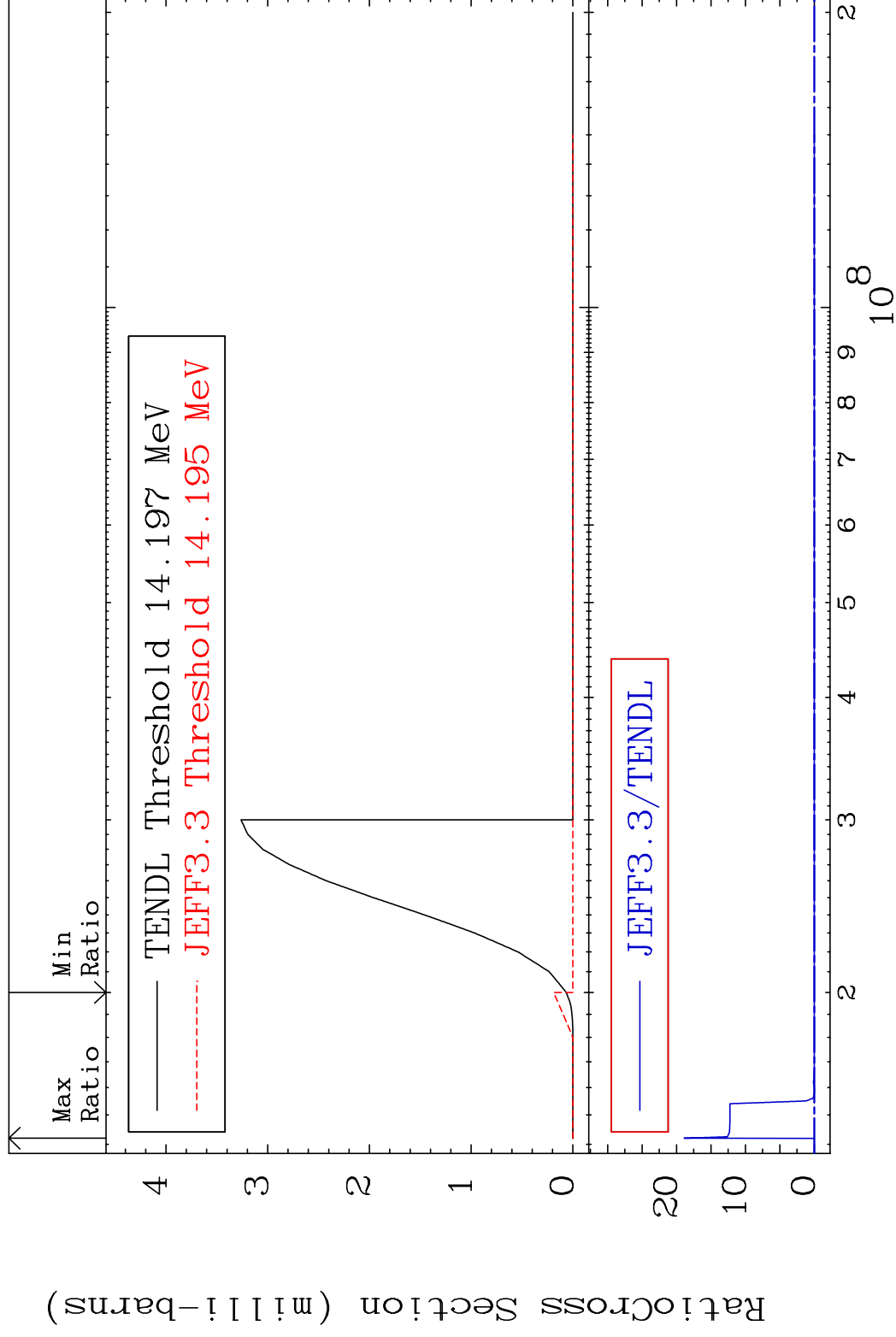


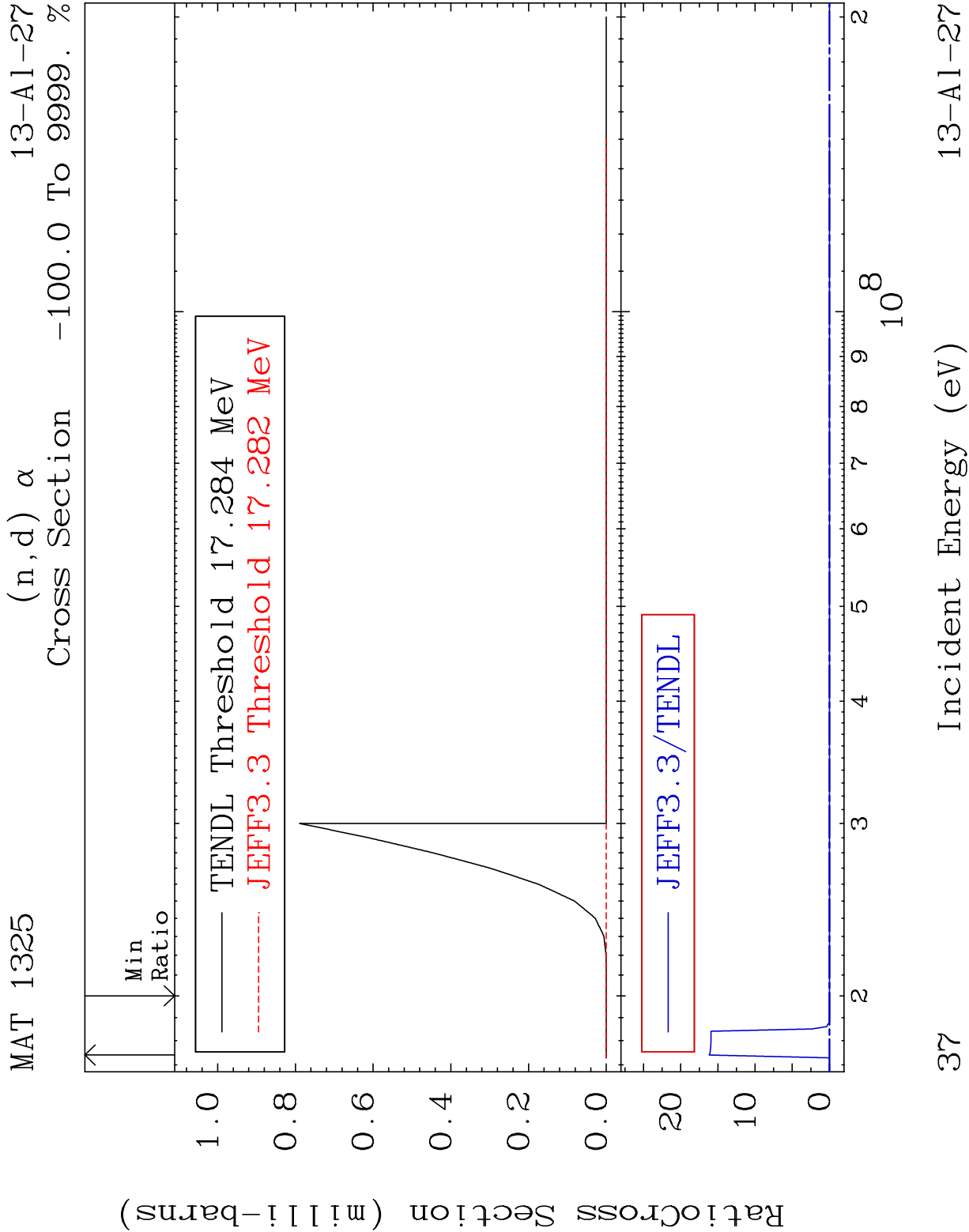


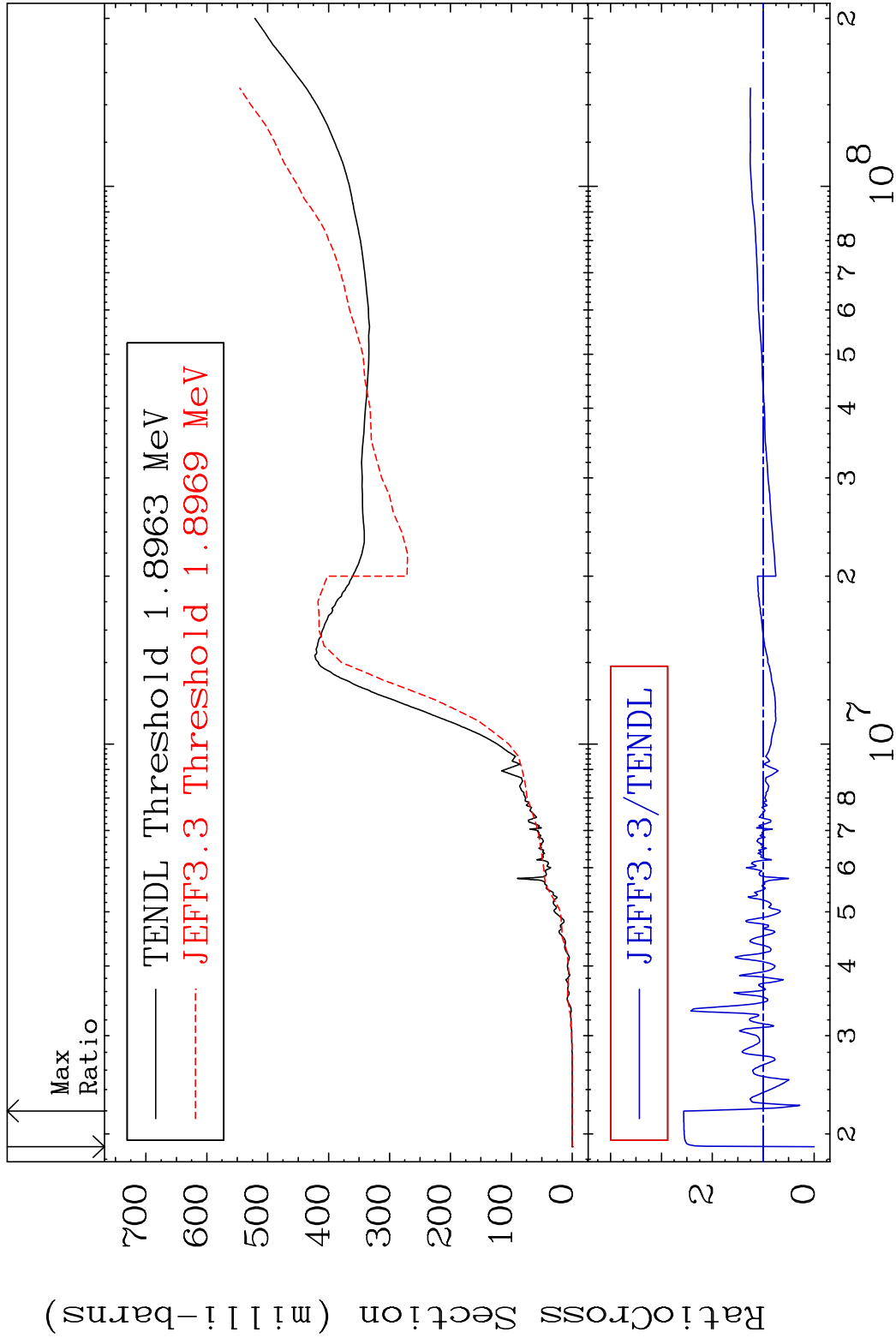


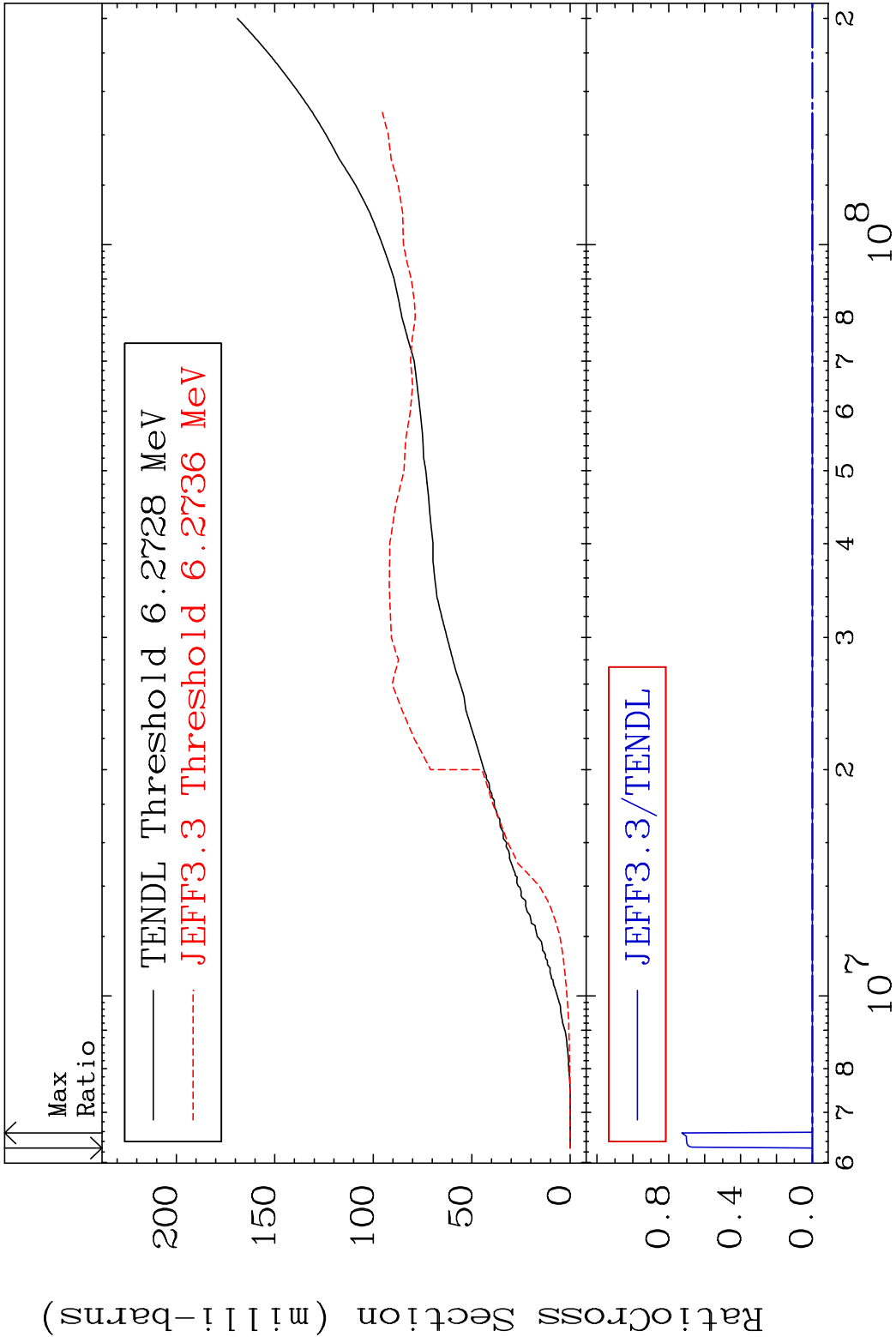




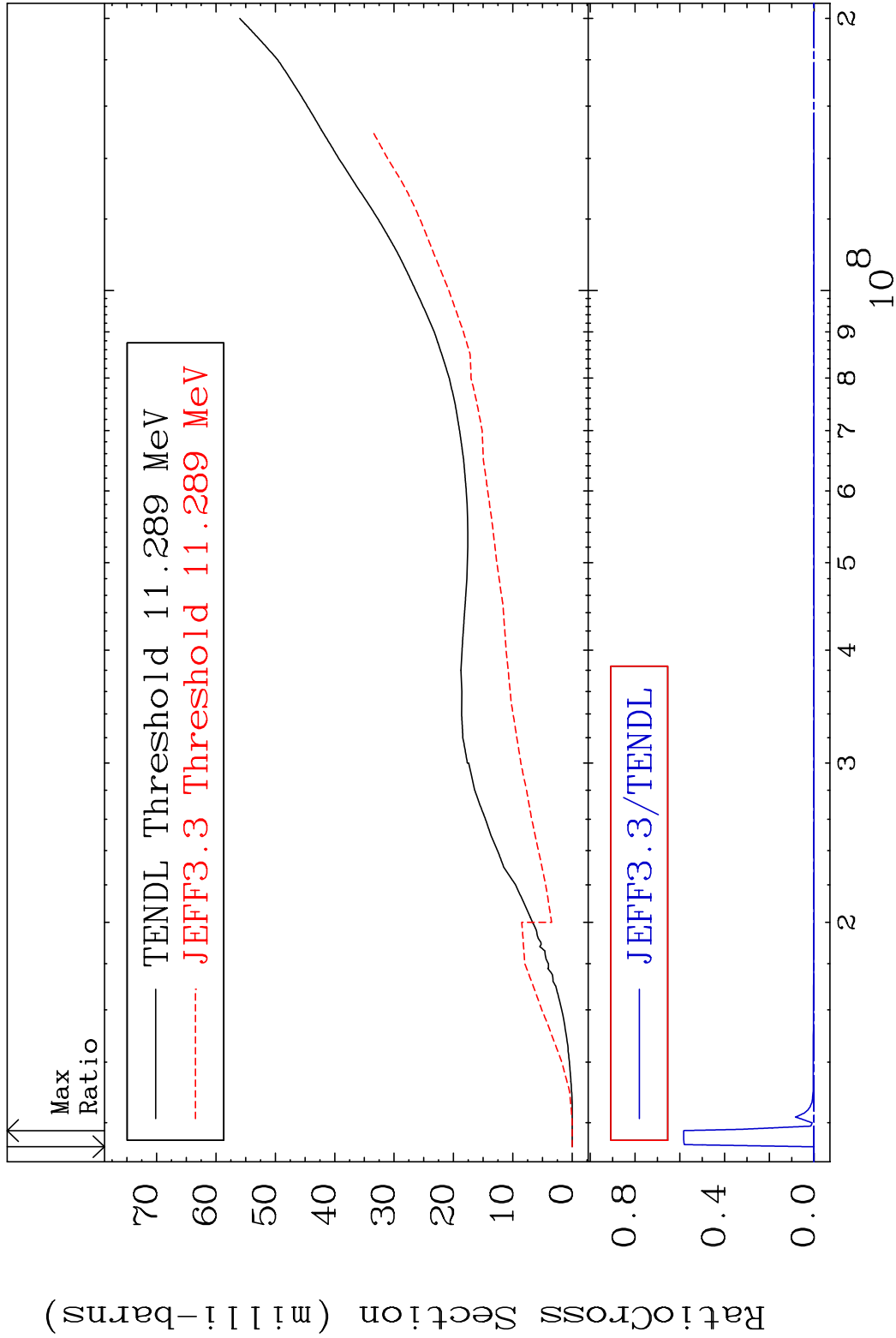


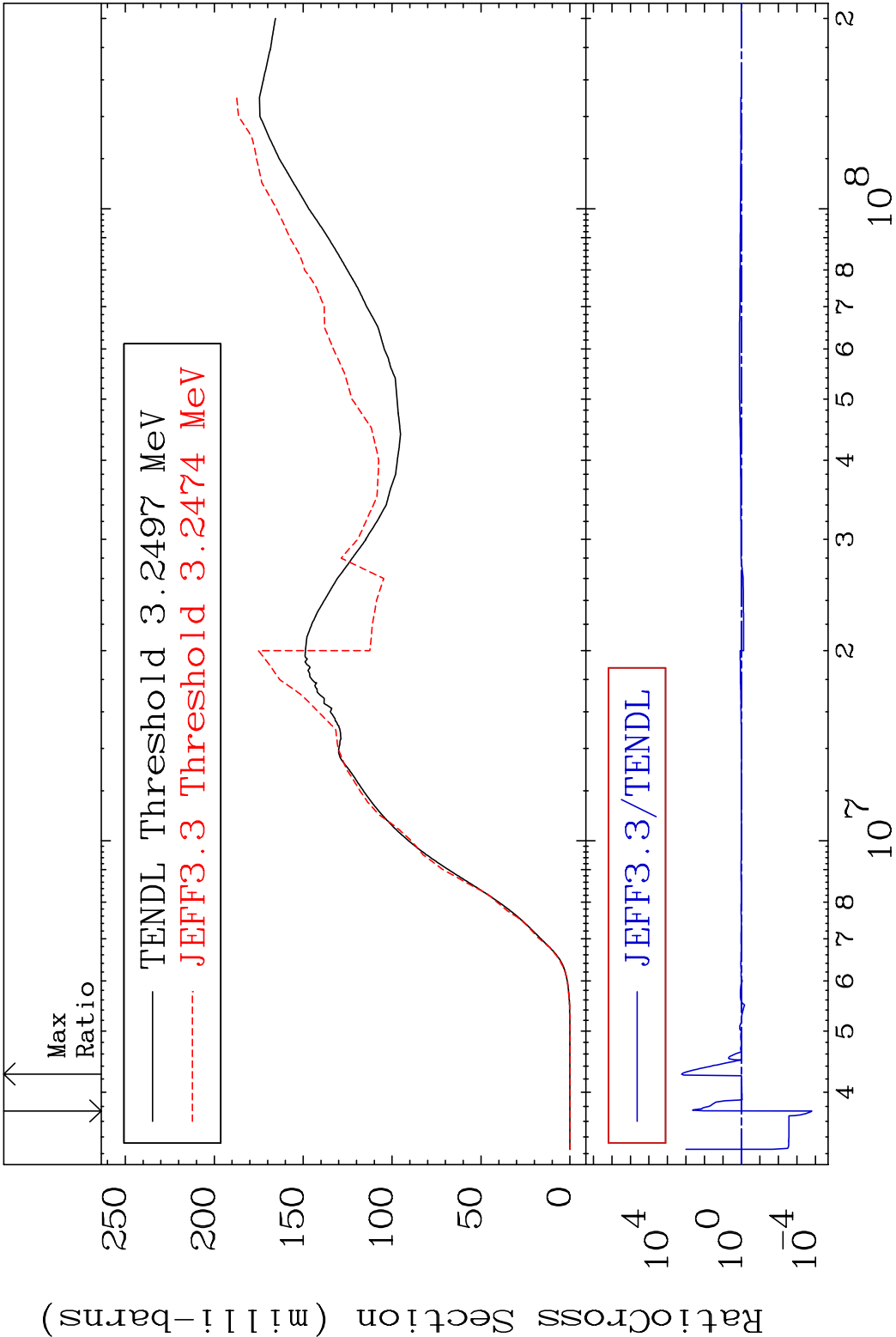


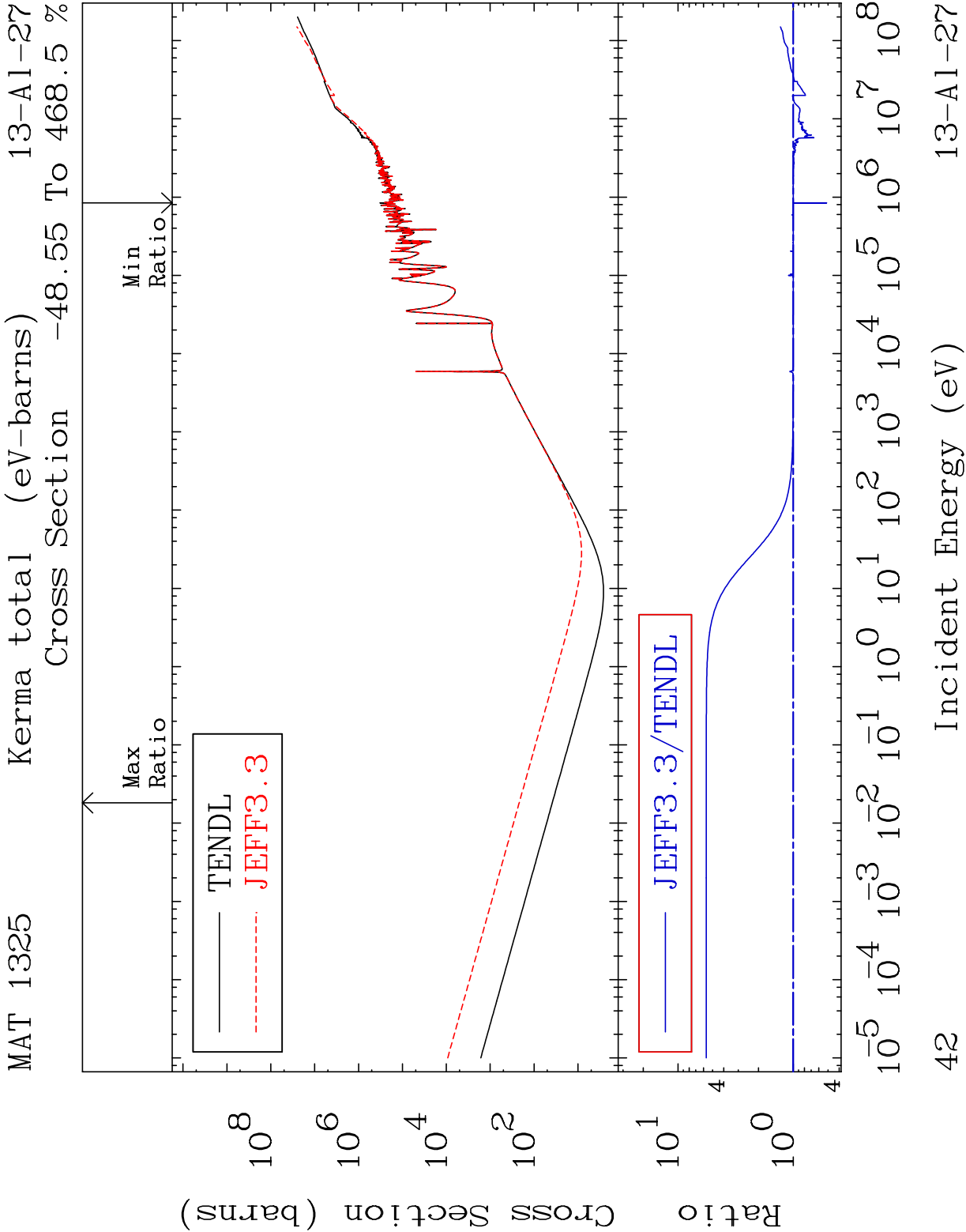


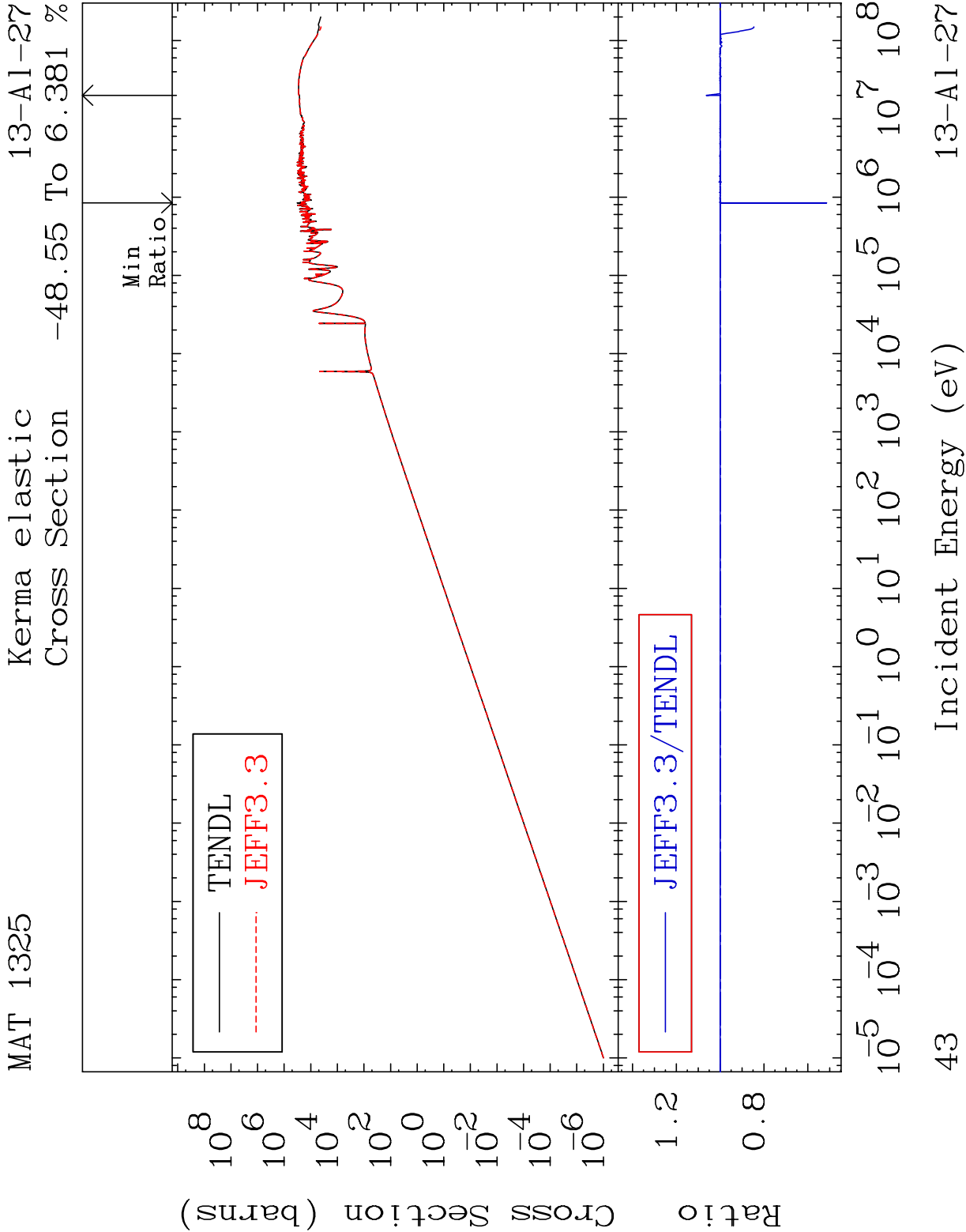


MAT 1325 Tritium Production ¹³Al-27
Cross Section -100.0 To 9999. %

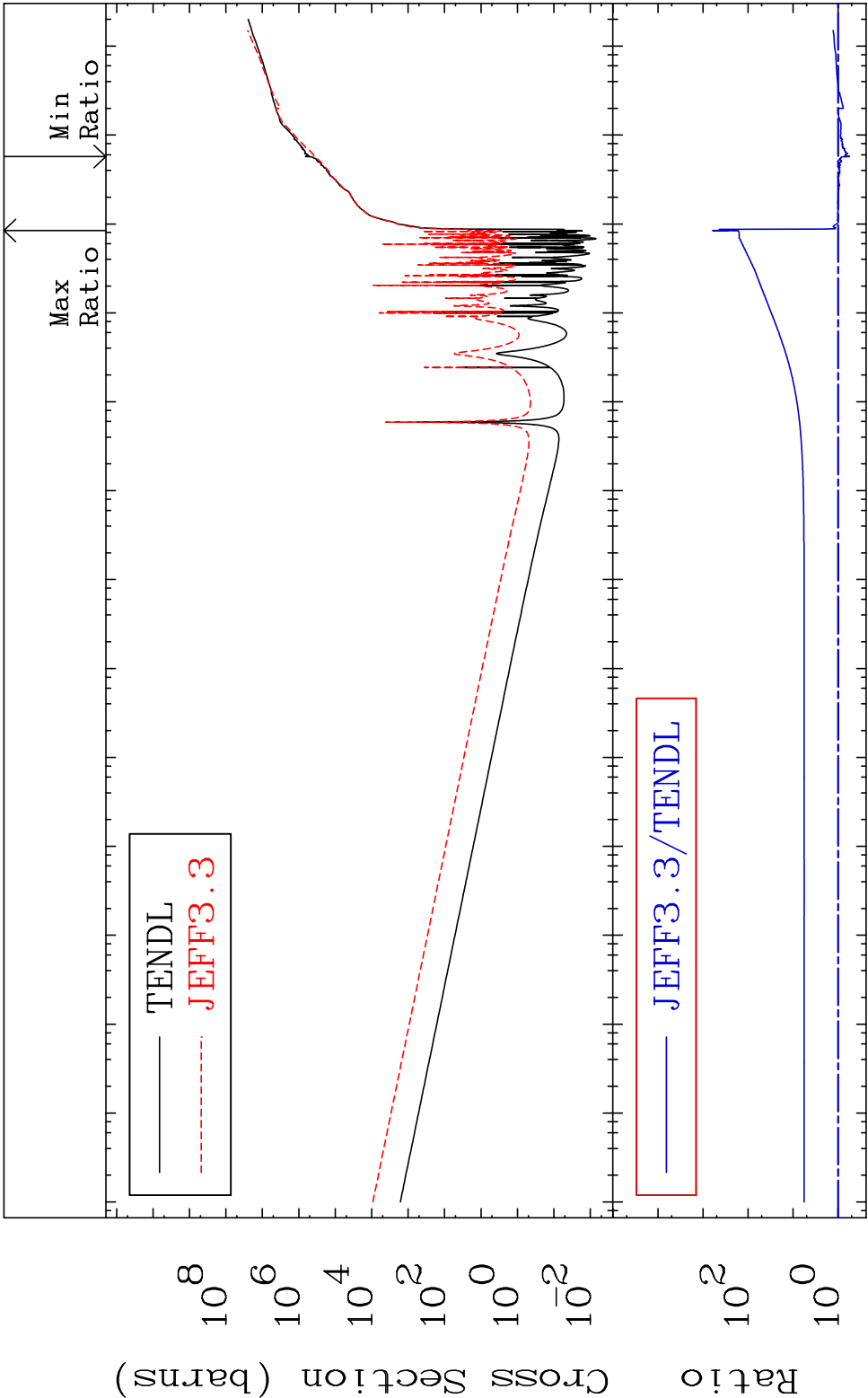




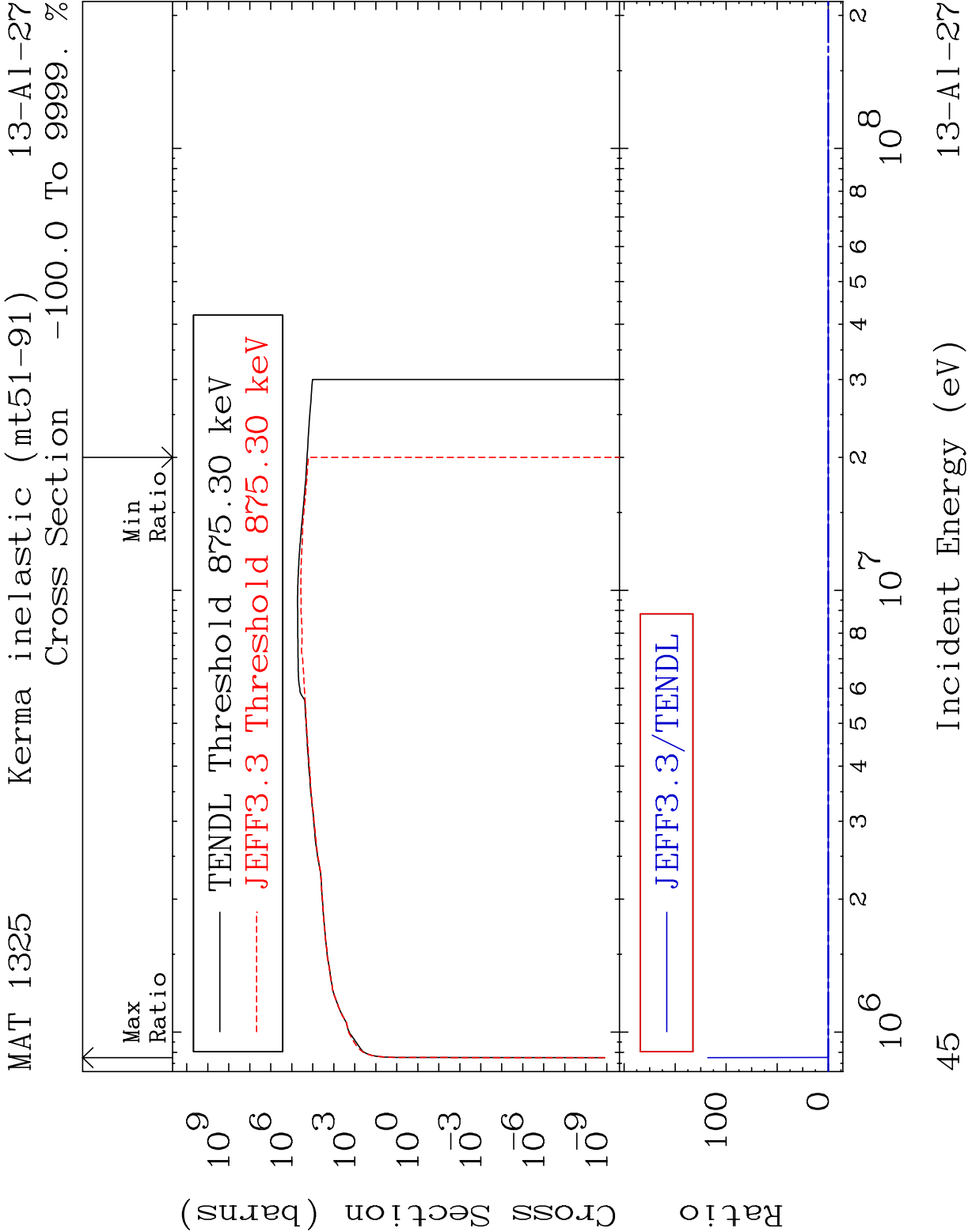




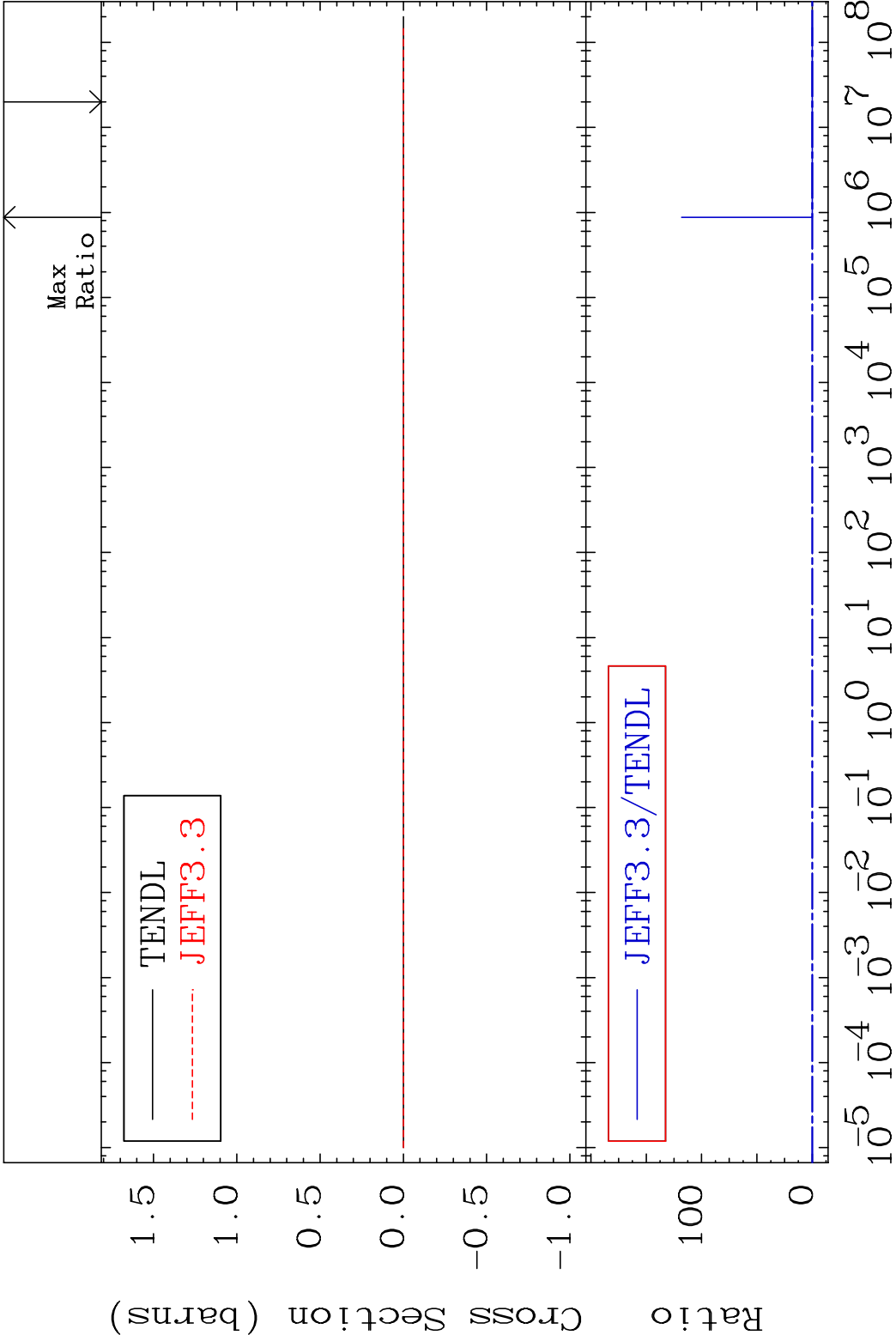
MAT 1325 Kerma non-elastic (all but mt2) 13-Al-27
 Cross Section -44.09 To 9999. %

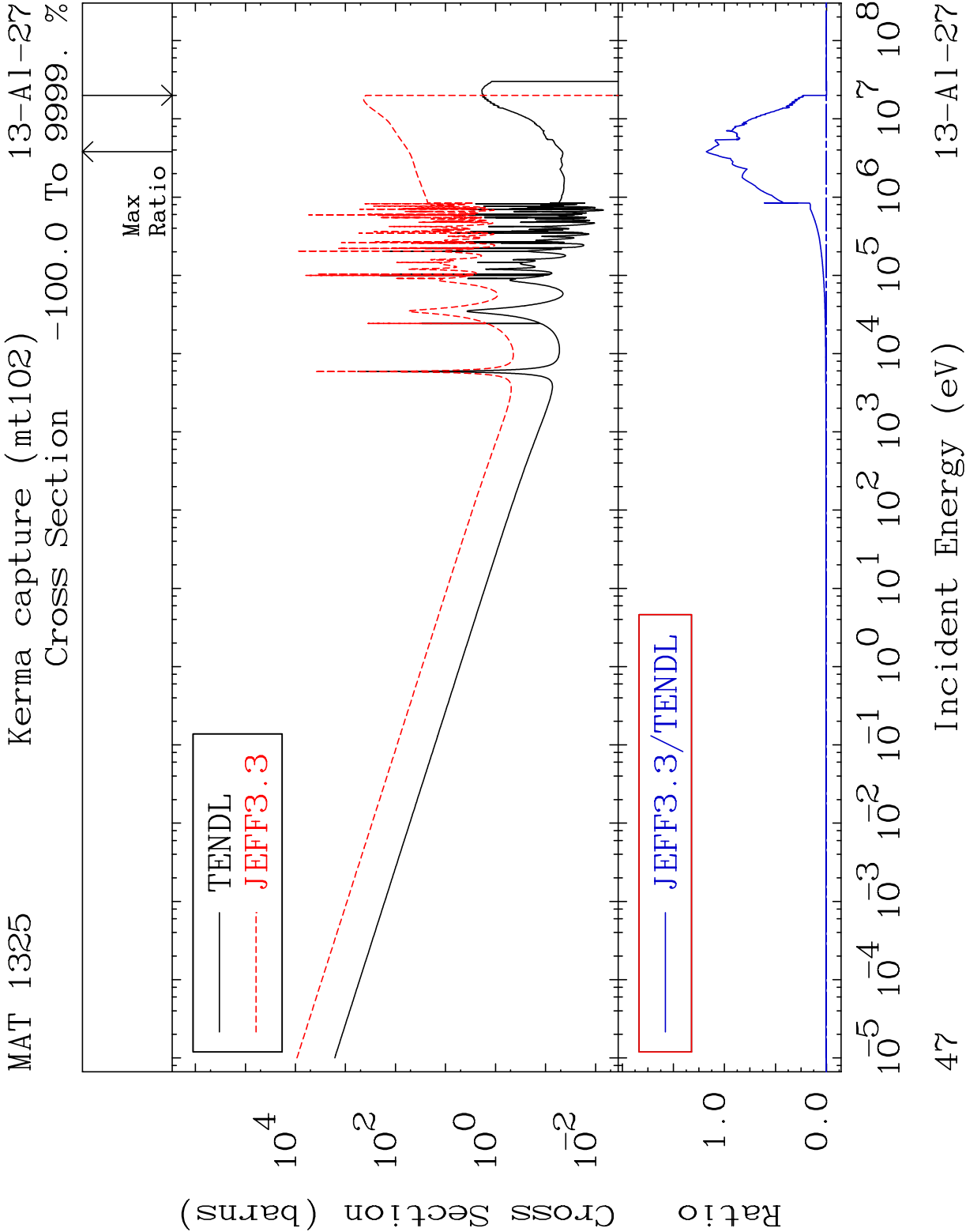


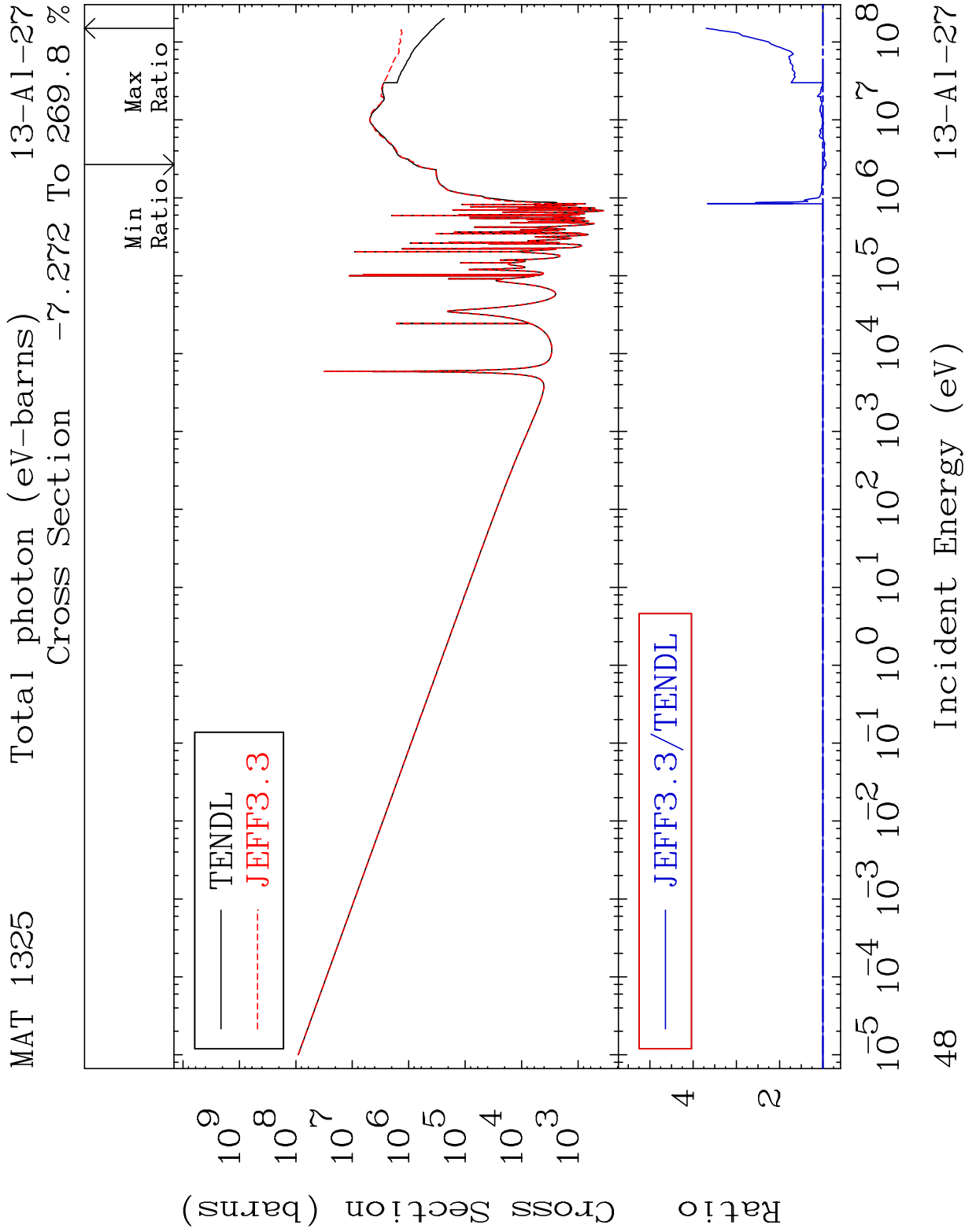
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸



MAT 1325 Kerma fission (mt18 or mt19-20-21-38) 13-Al-27
Cross Section -100.0 To 9999. %

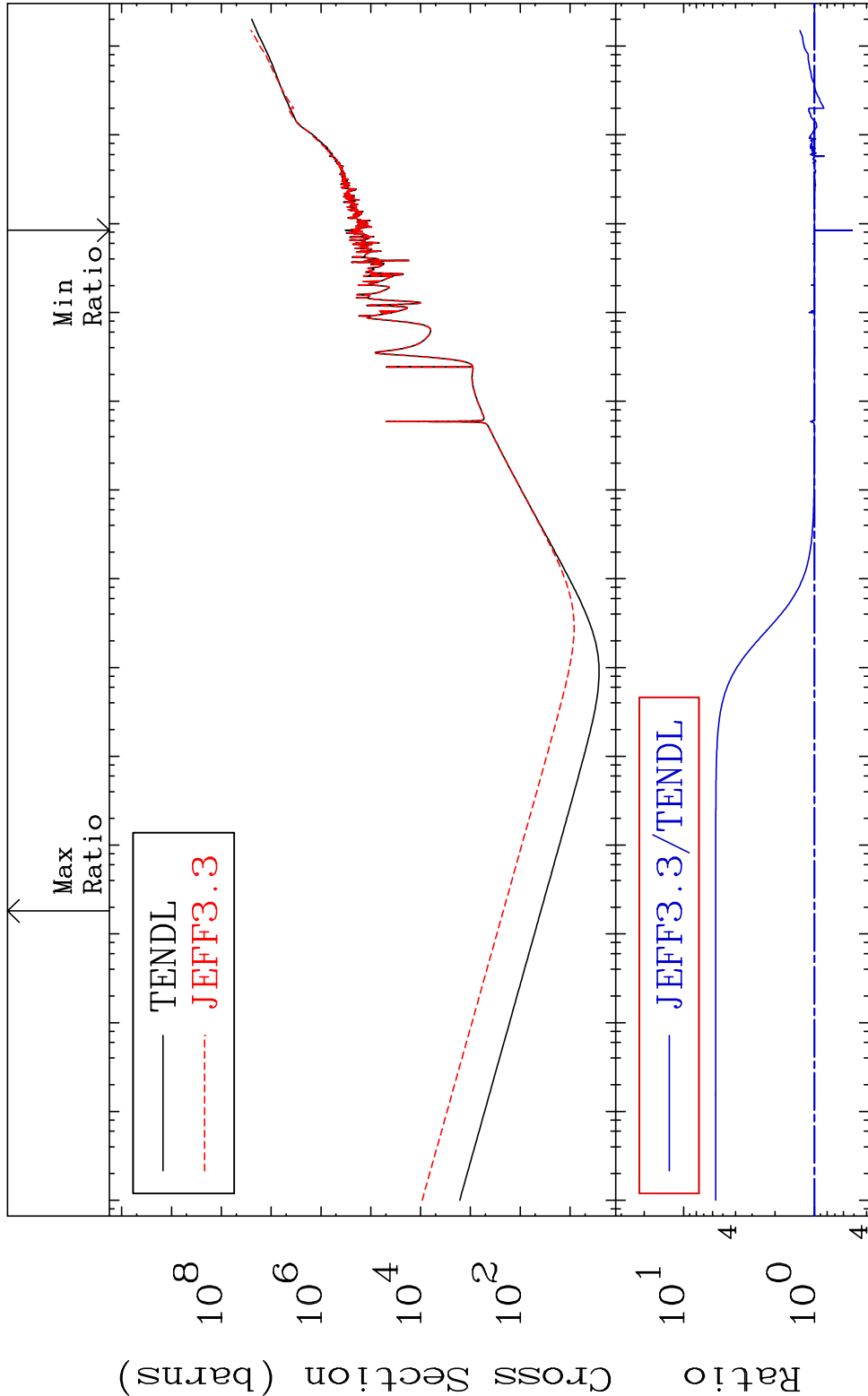






MAT 1325 Total kinematic kerma (high limit) 13-Al-27

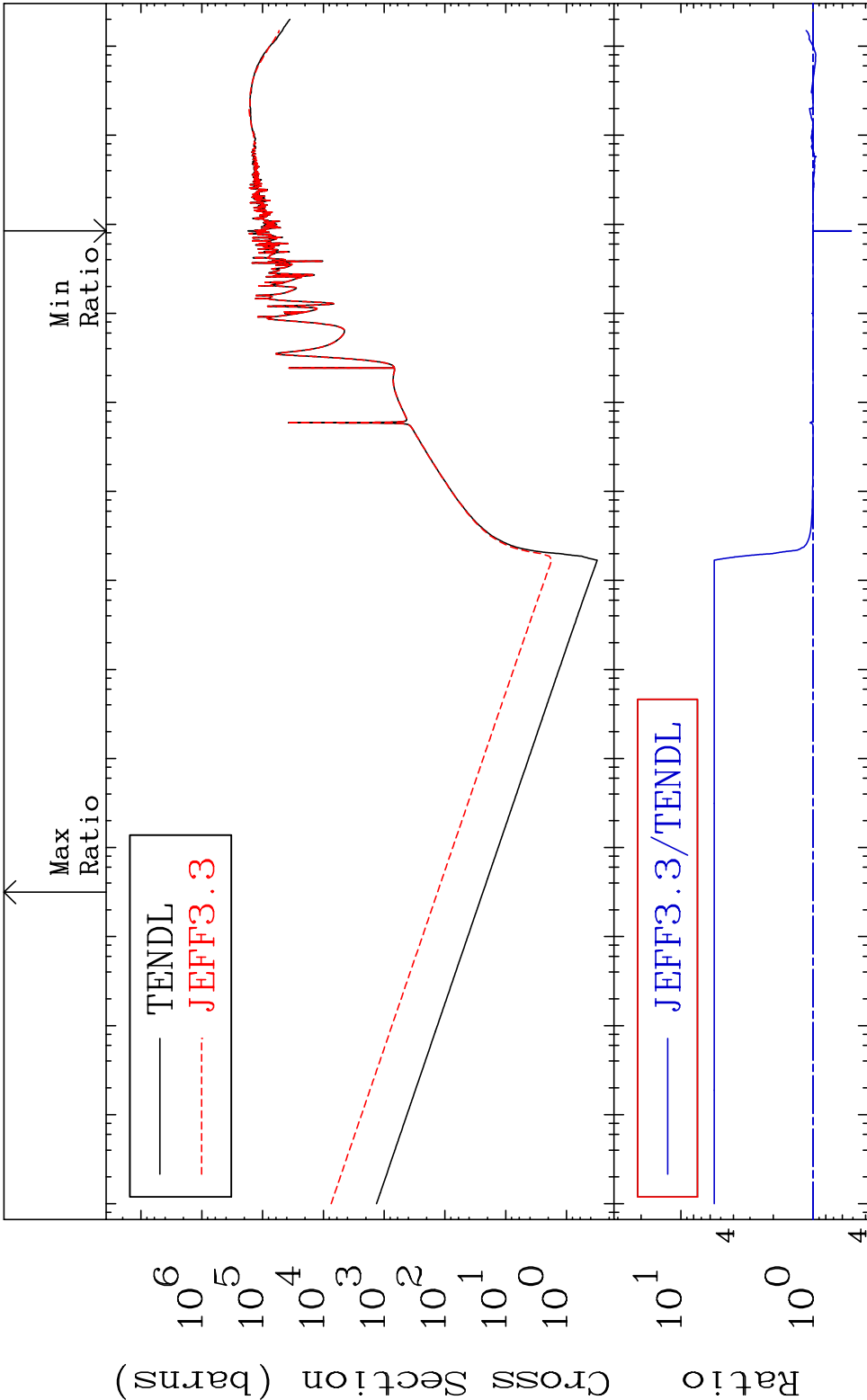
Cross Section -48.55 To 468.5 %



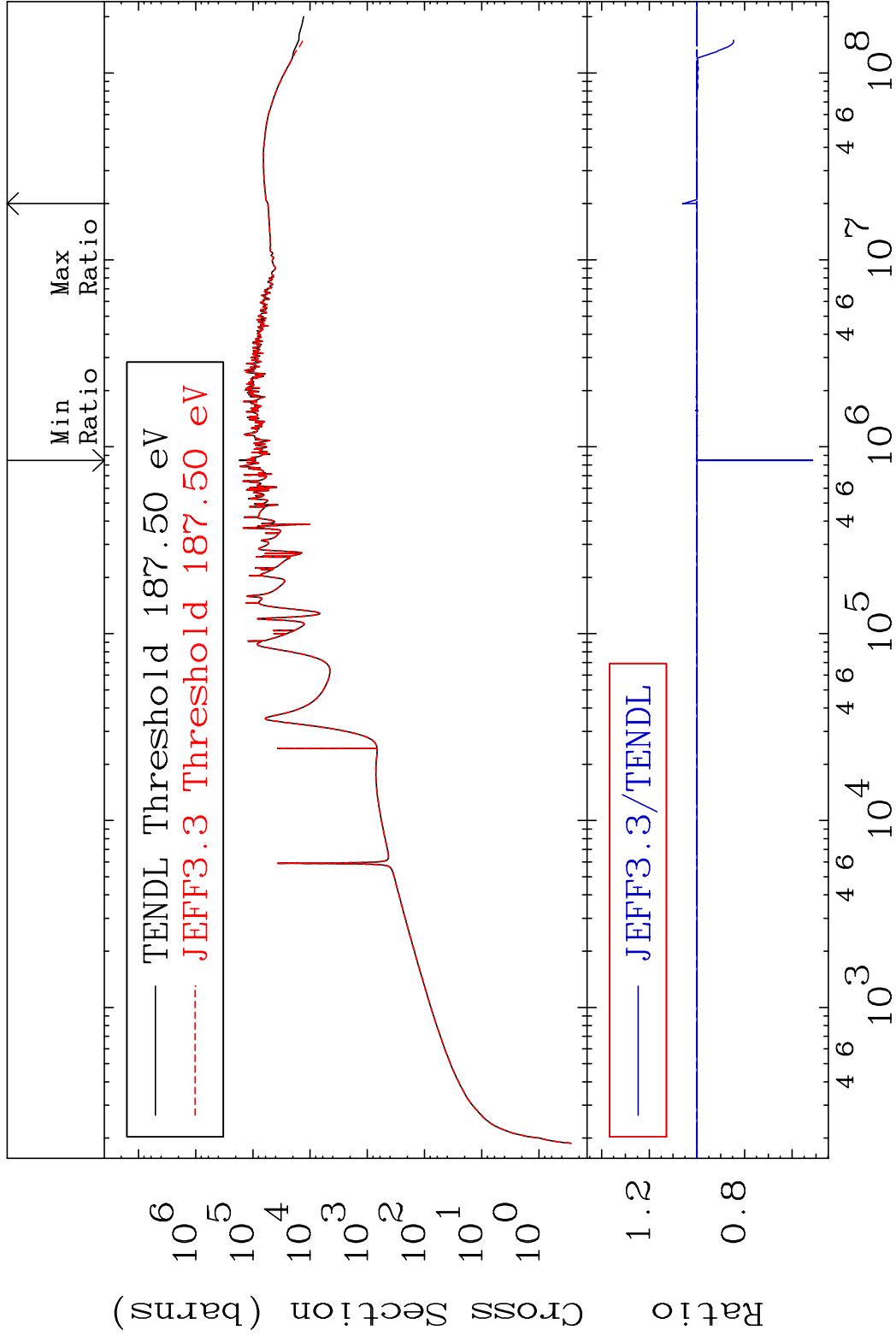
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

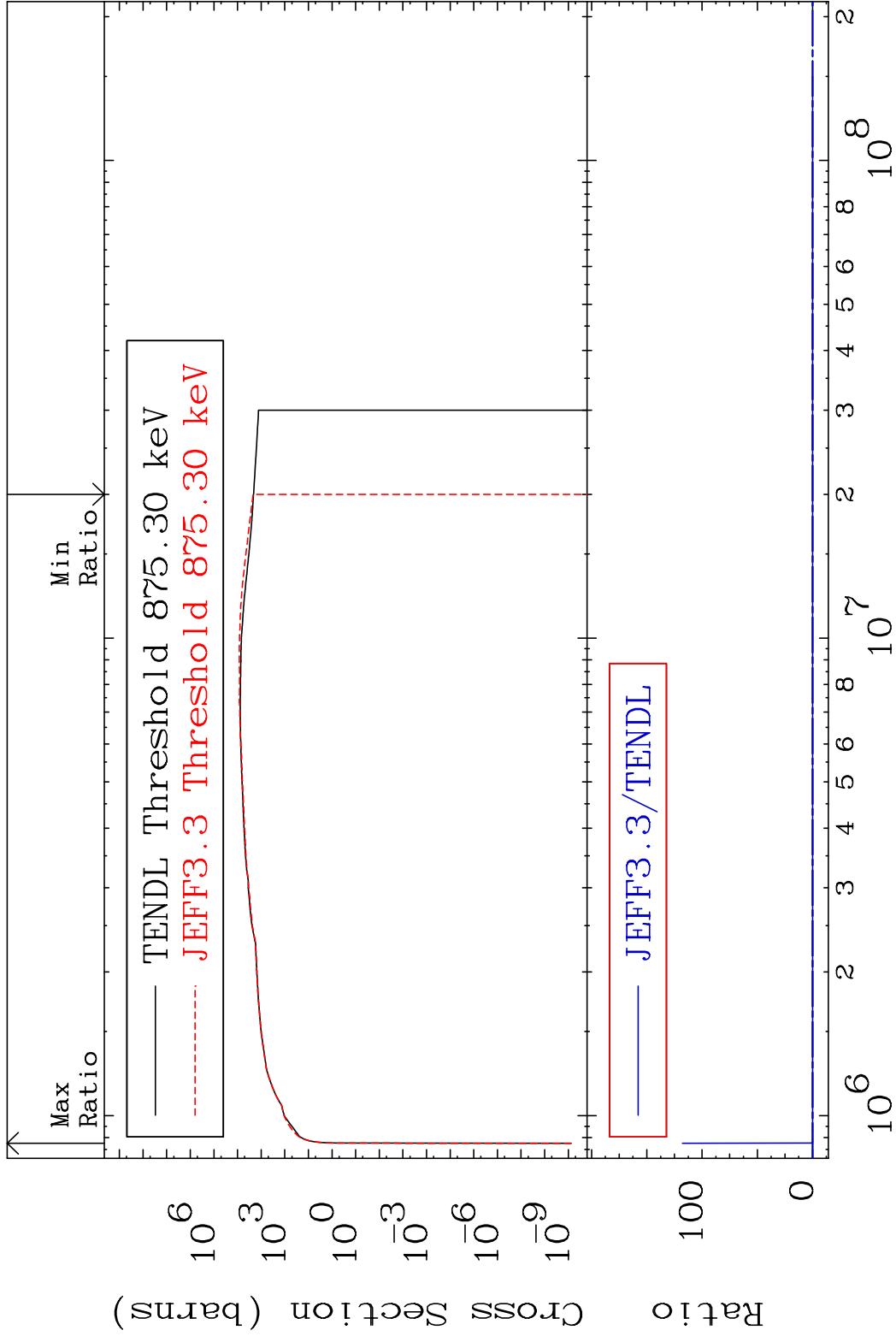
49 Incident Energy (eV) 13-Al-27

MAT 1325 Dpa total (eV-barns) 13-Al-27
Cross Section -48.55 To 459.4 %



50 Incident Energy (eV) 13-Al-27





MAT 1325 Dpa disappearance (mt102 -120) 13-Al-27

Cross Section -100.0 To 1681. %

