

Program Complot
(Version 2021-1)

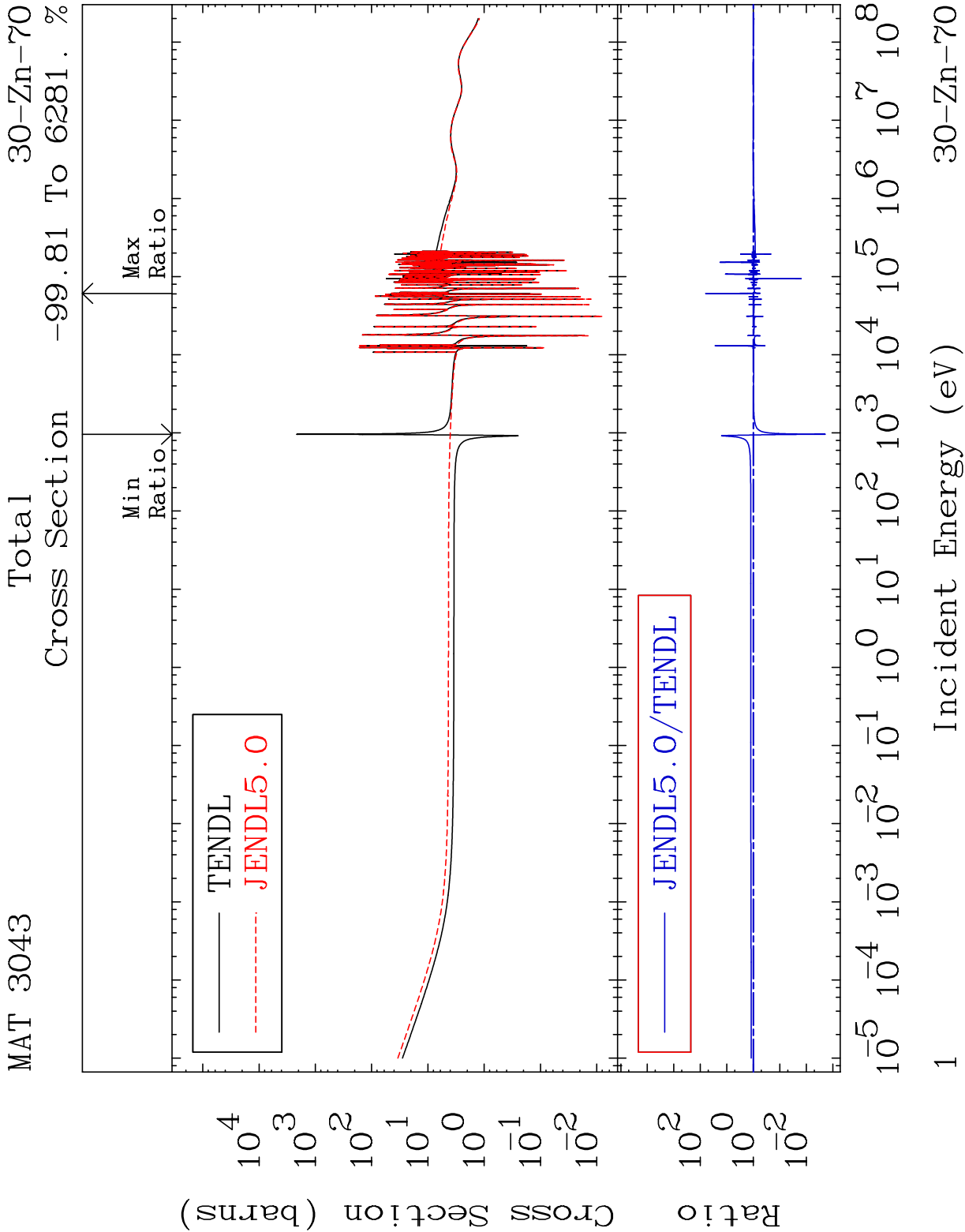
by

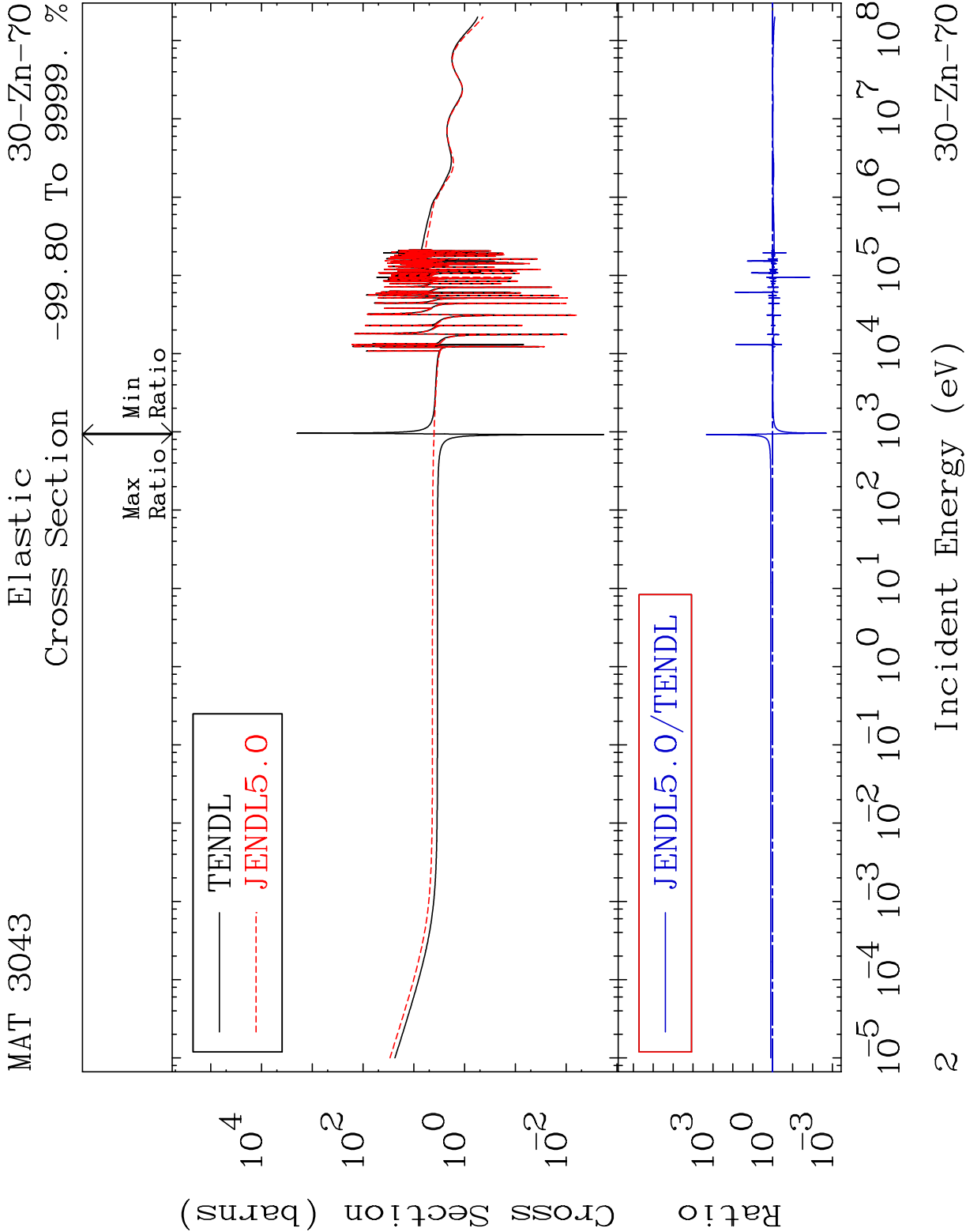
Dermott E. Cullen
(Present Contact Information)

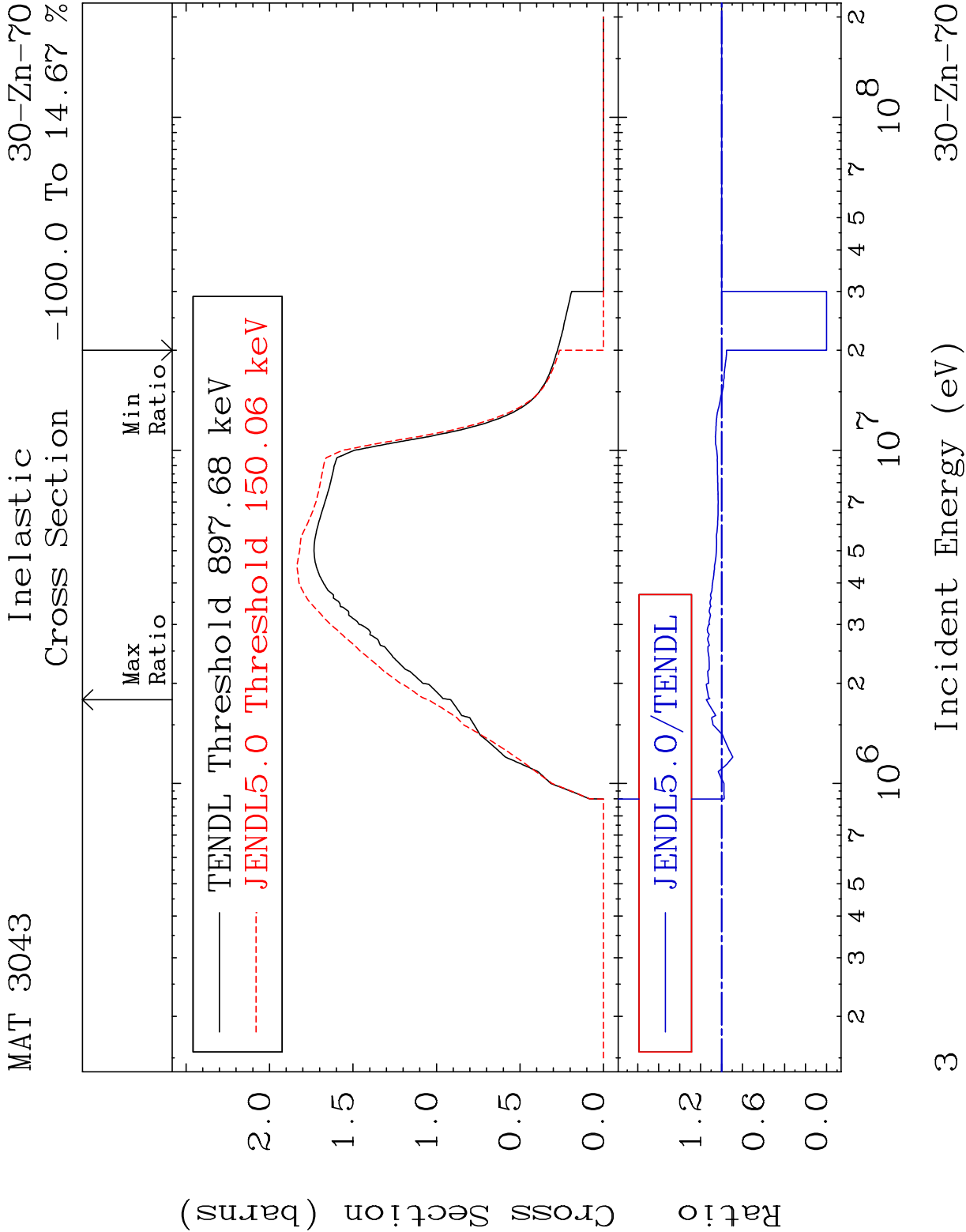
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

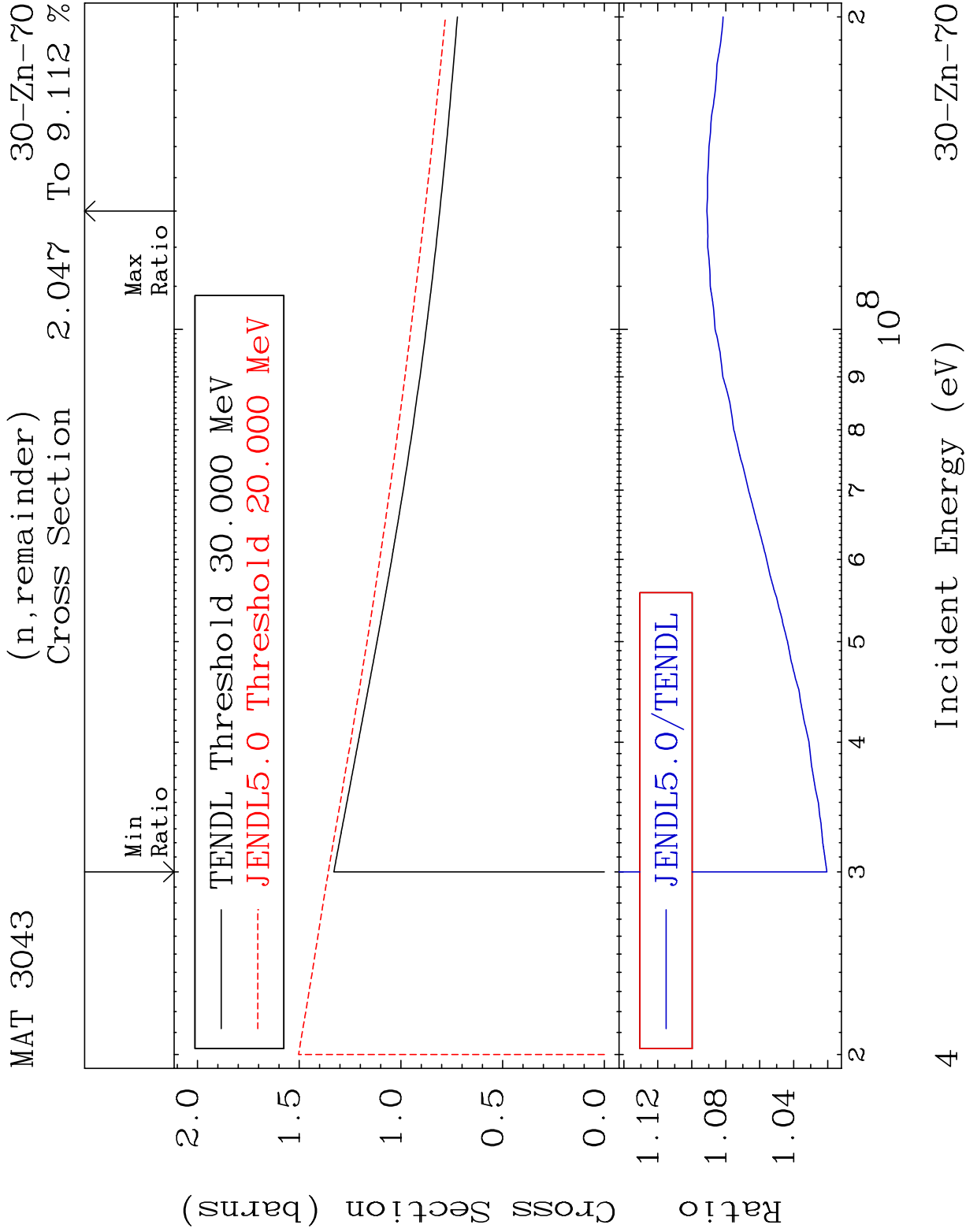
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

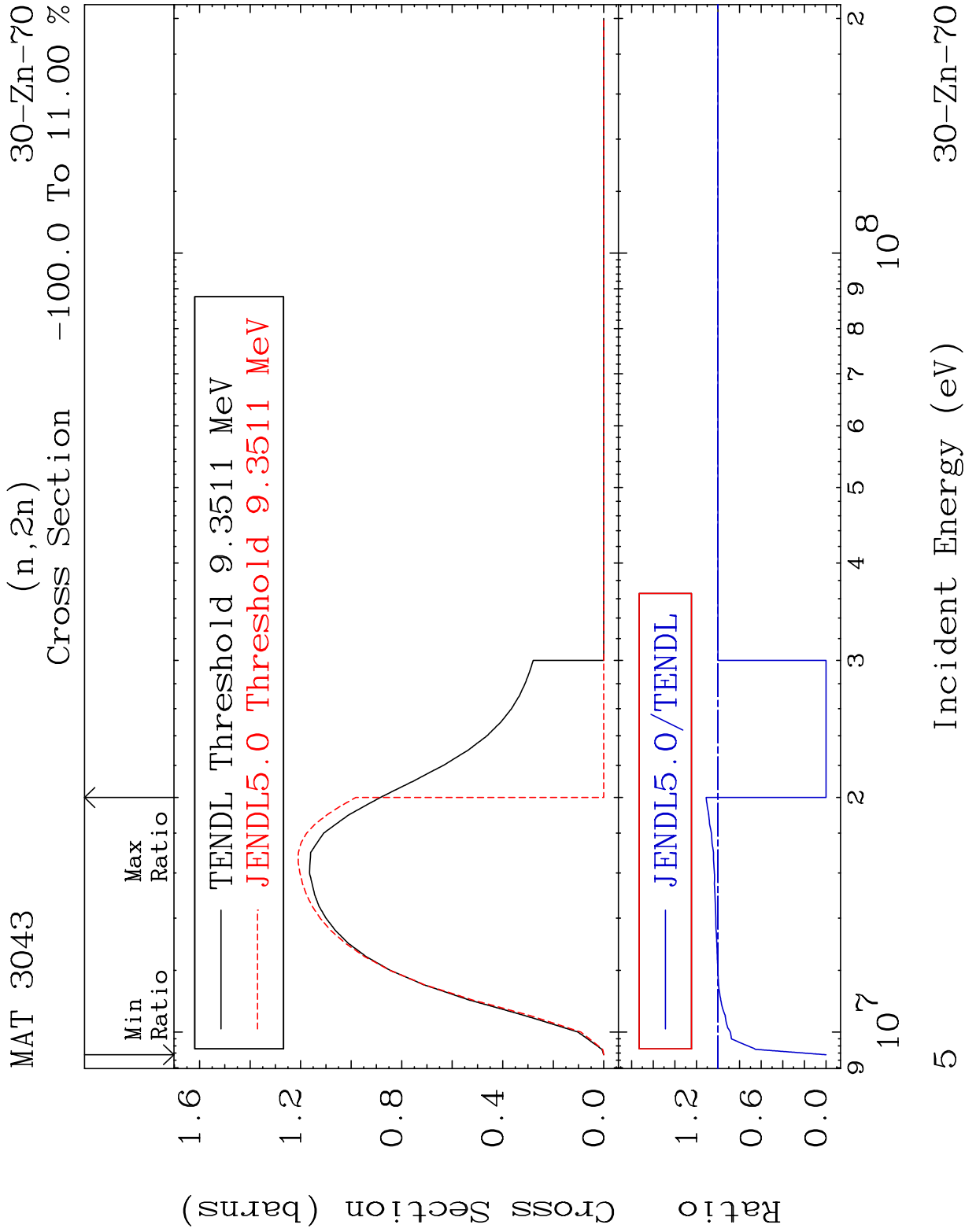
Press Mouse Button to Start

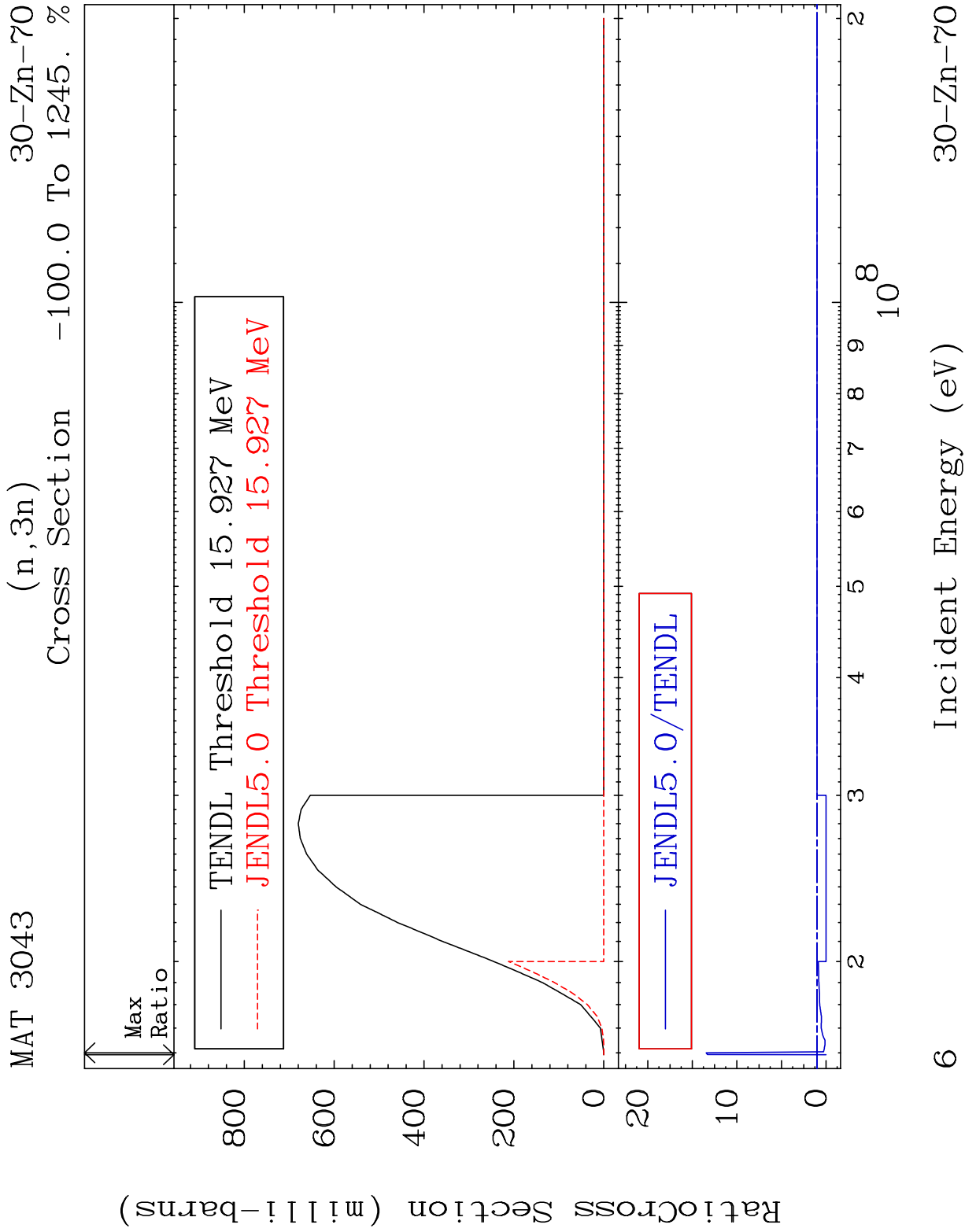


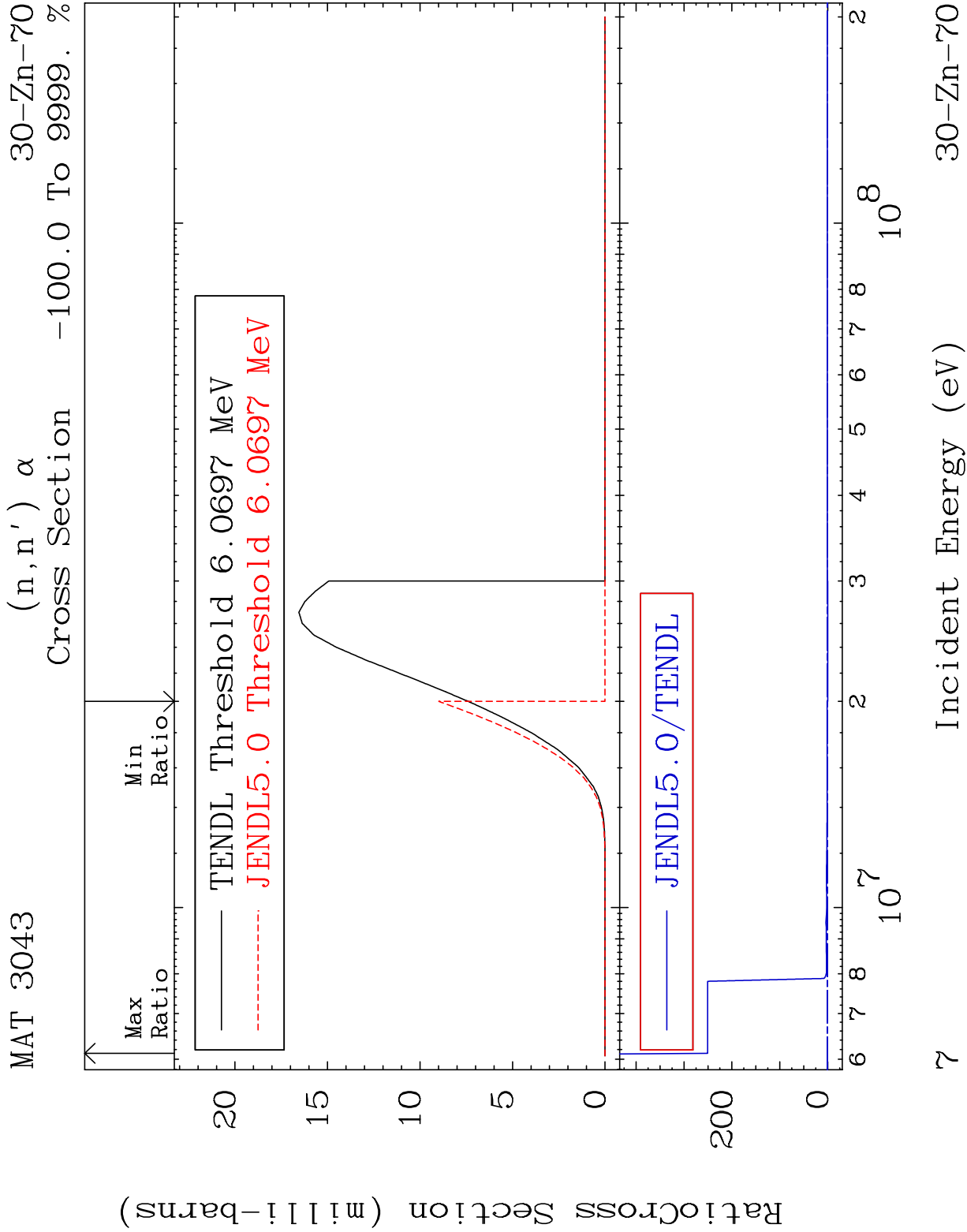


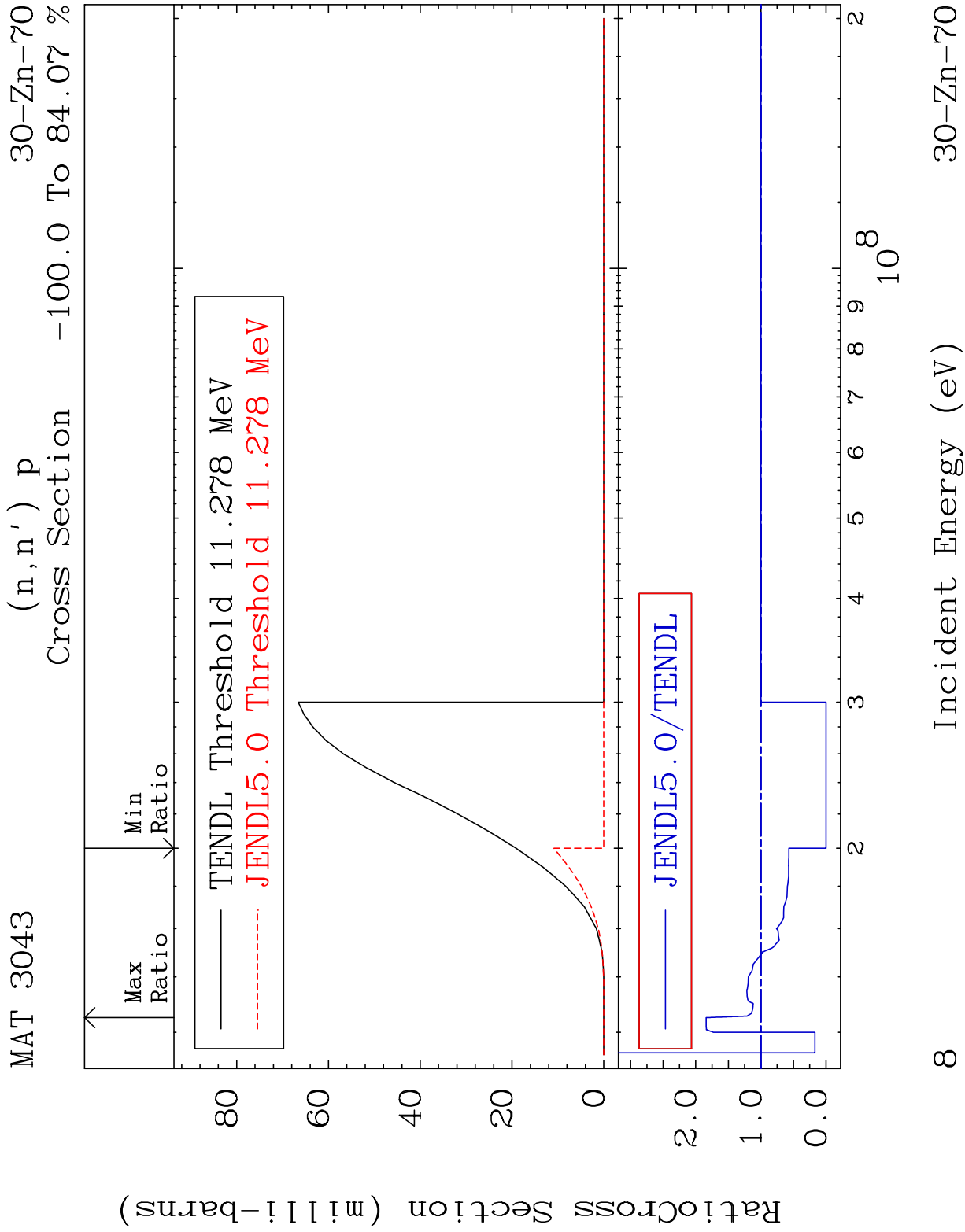


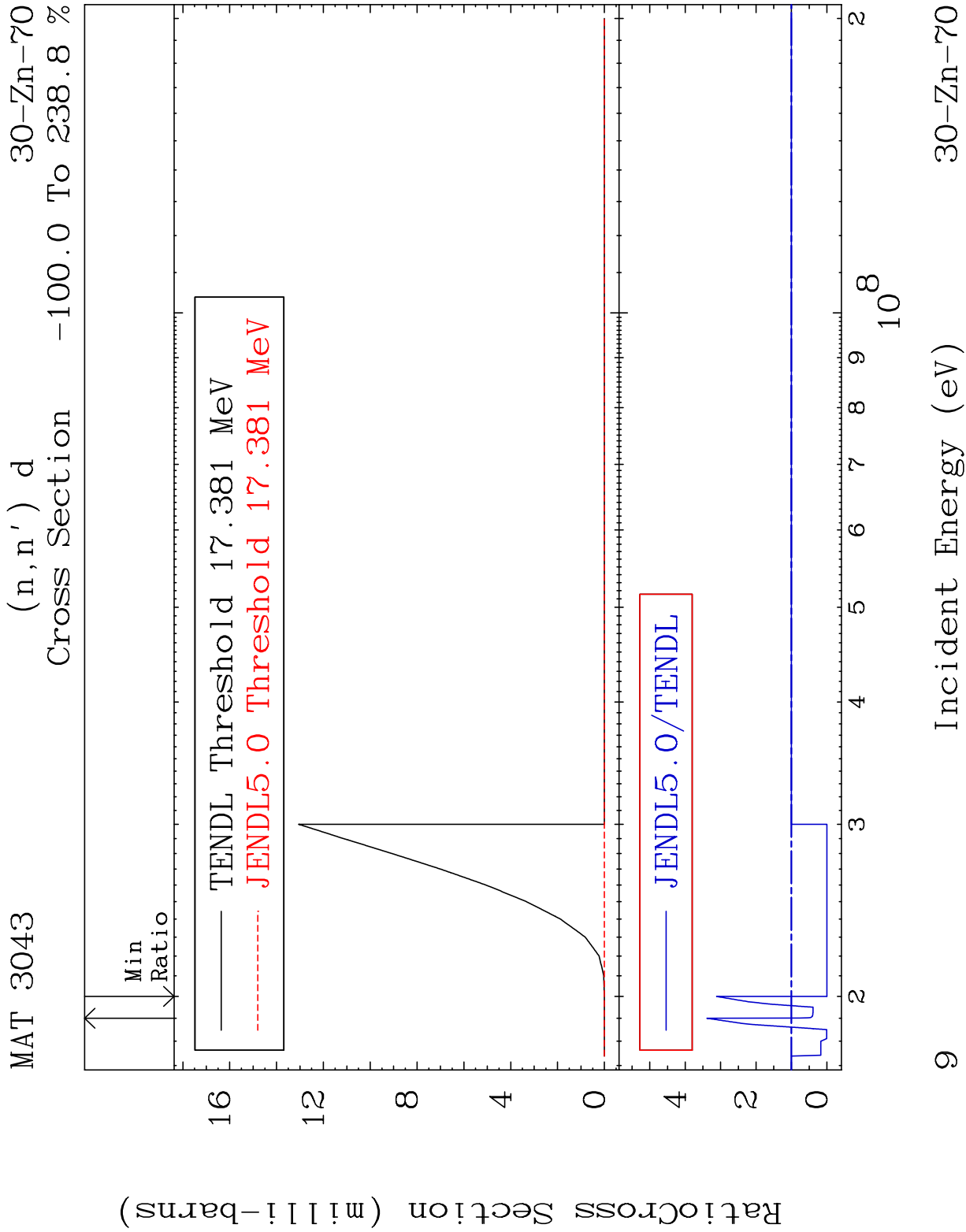


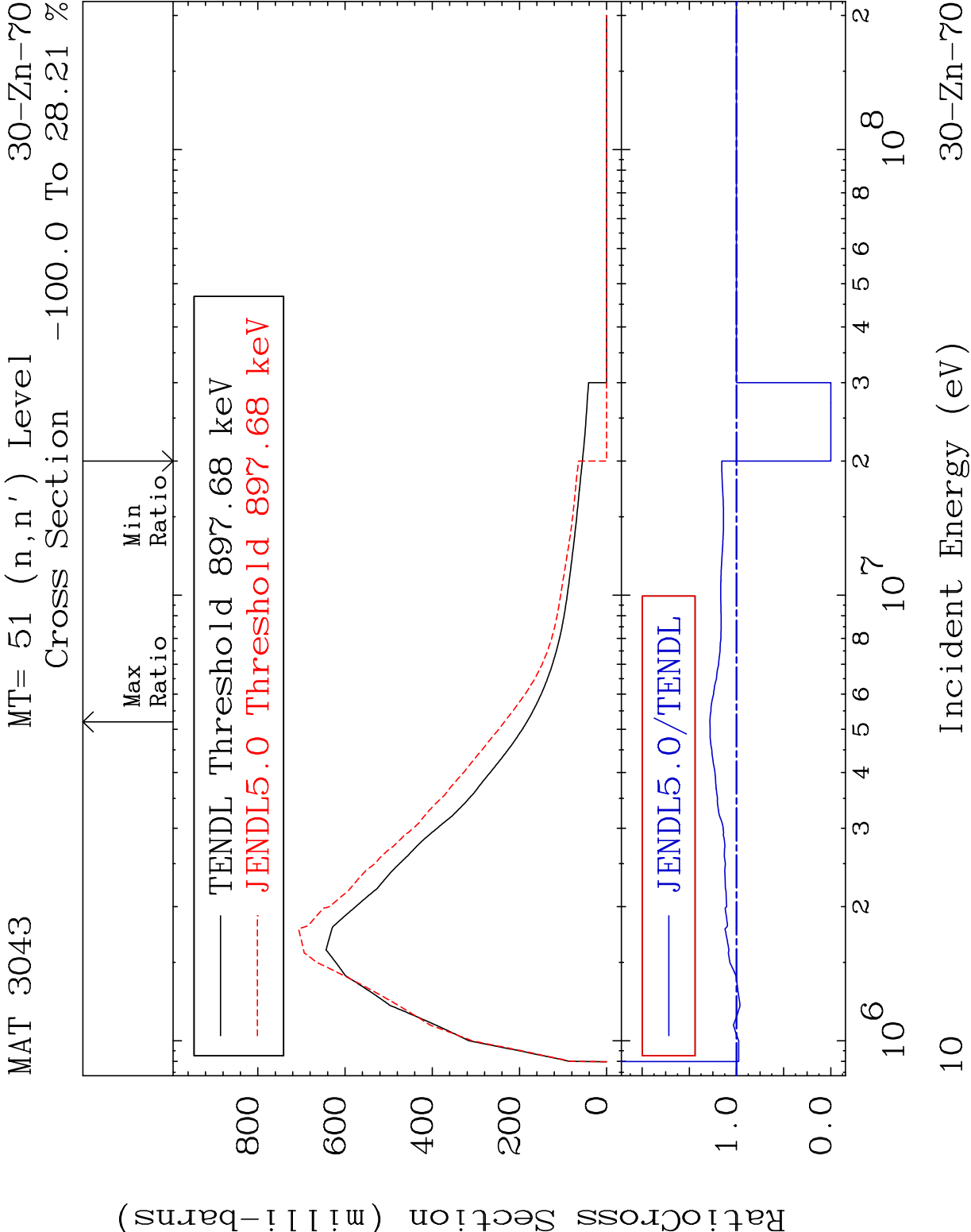


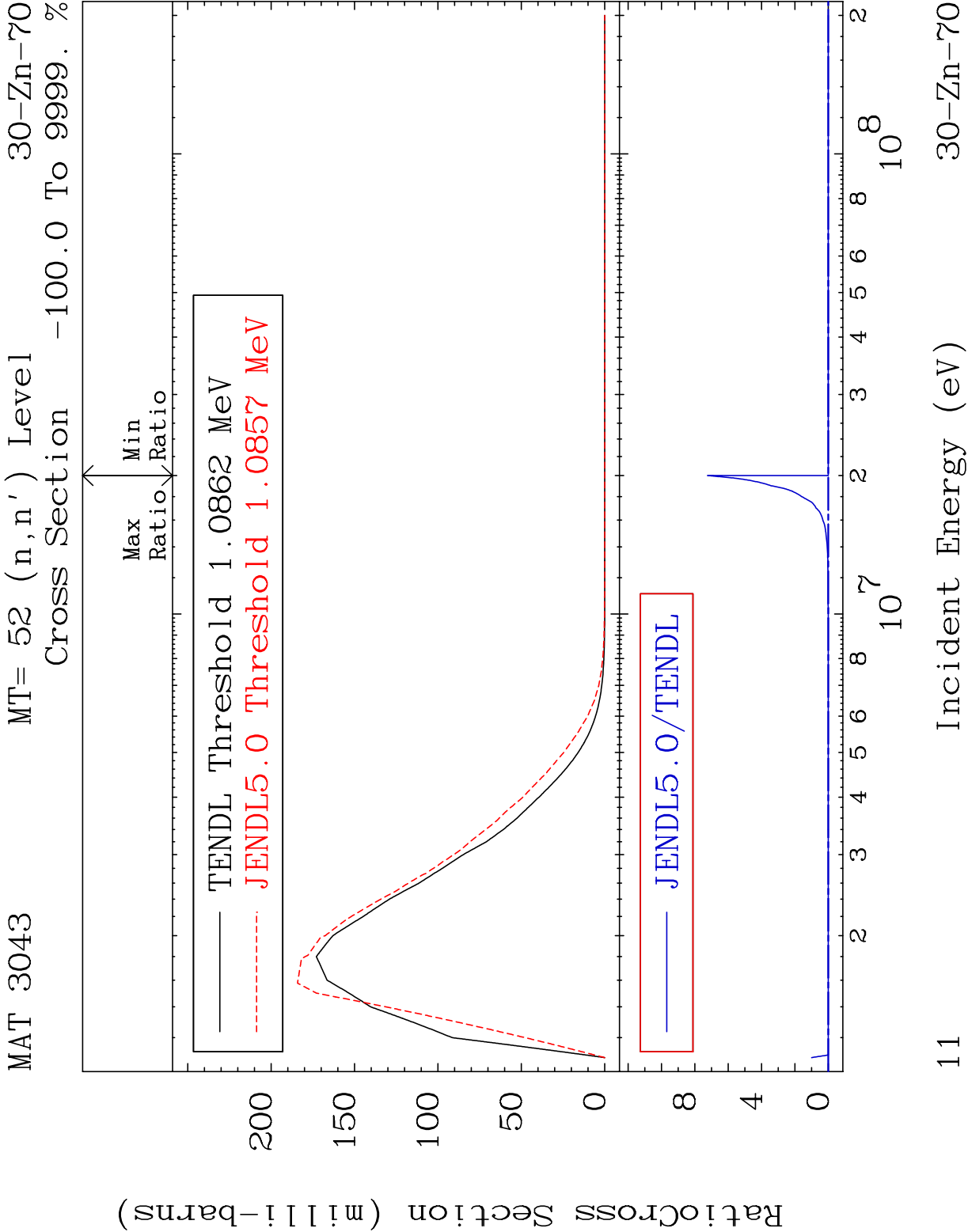




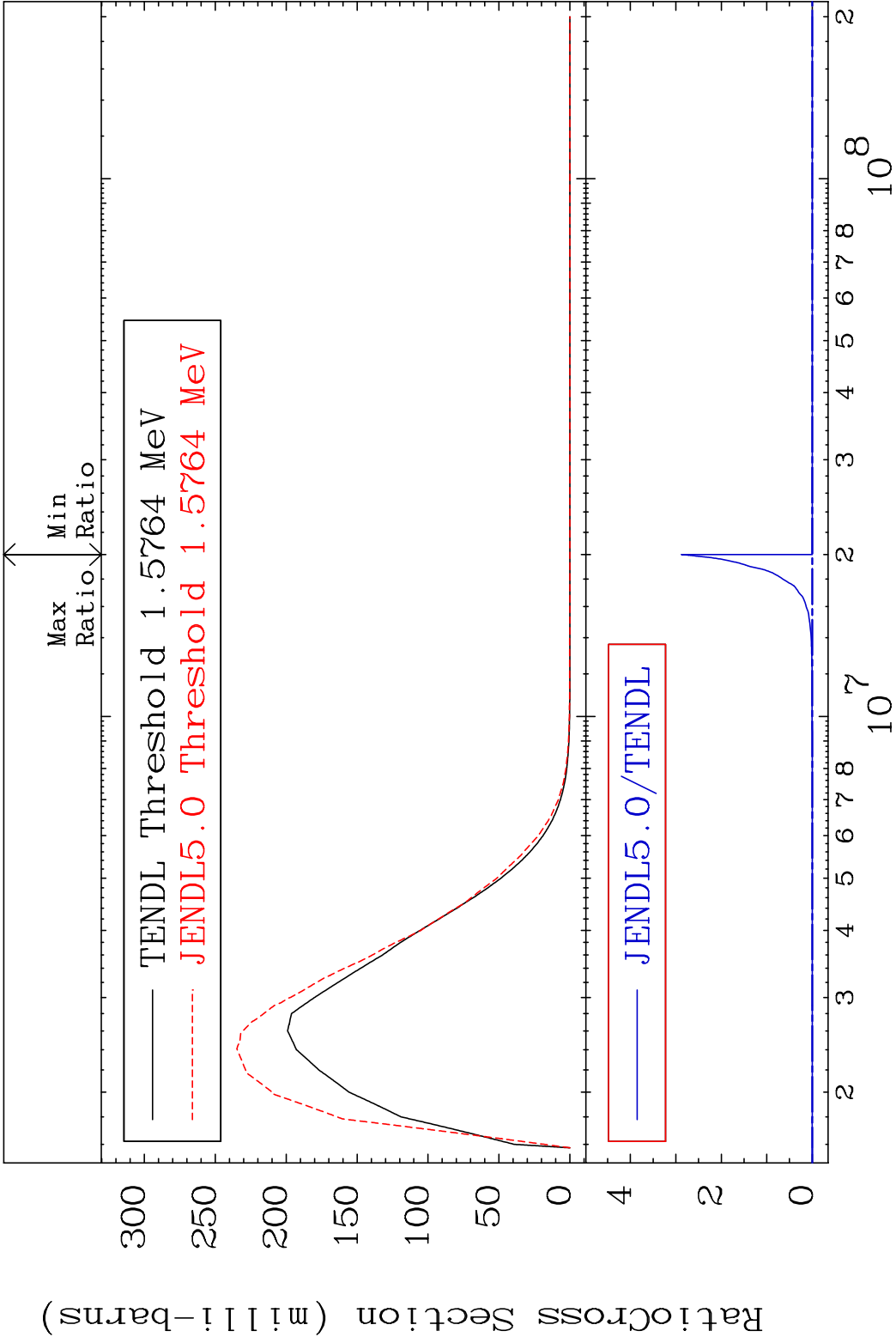


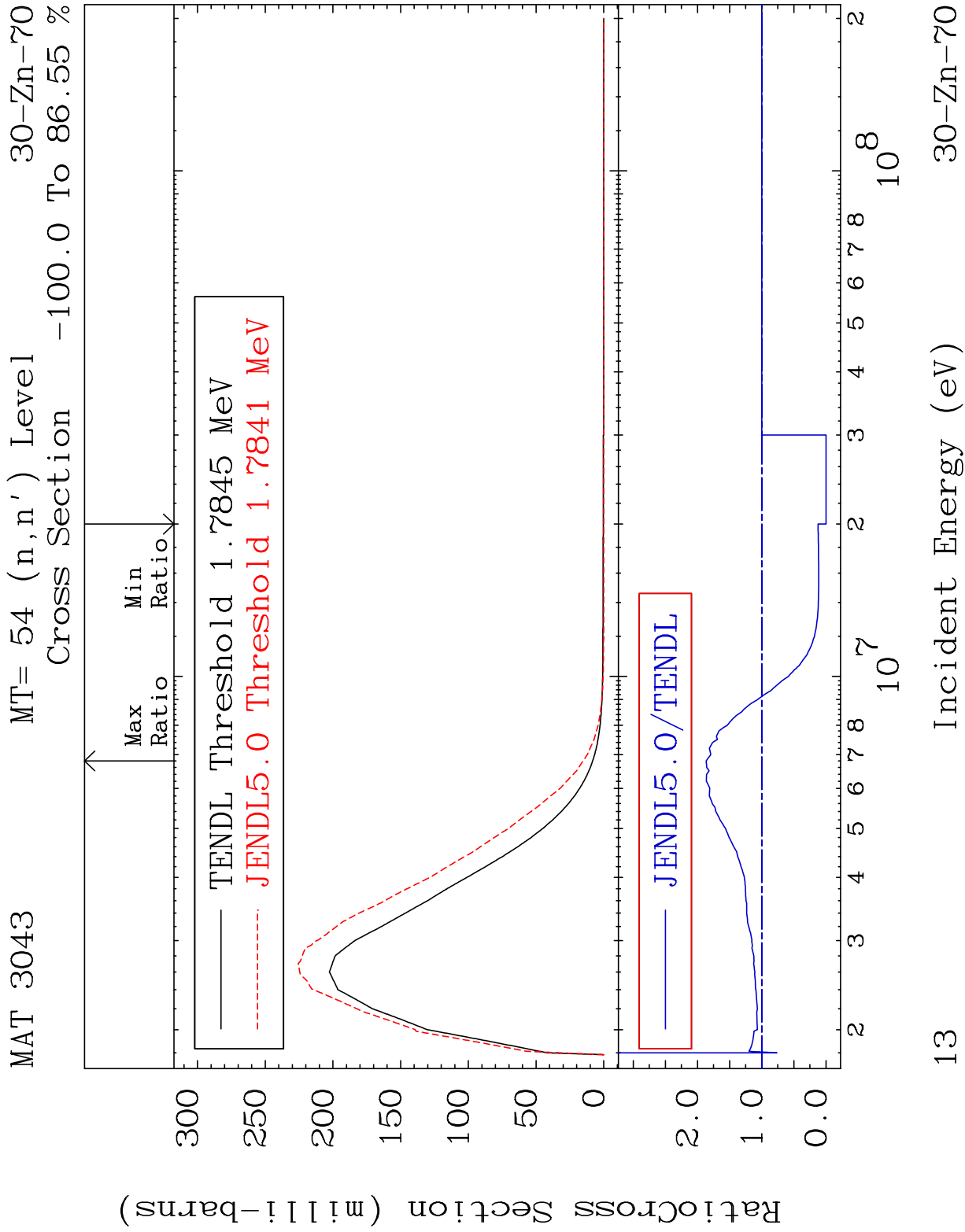


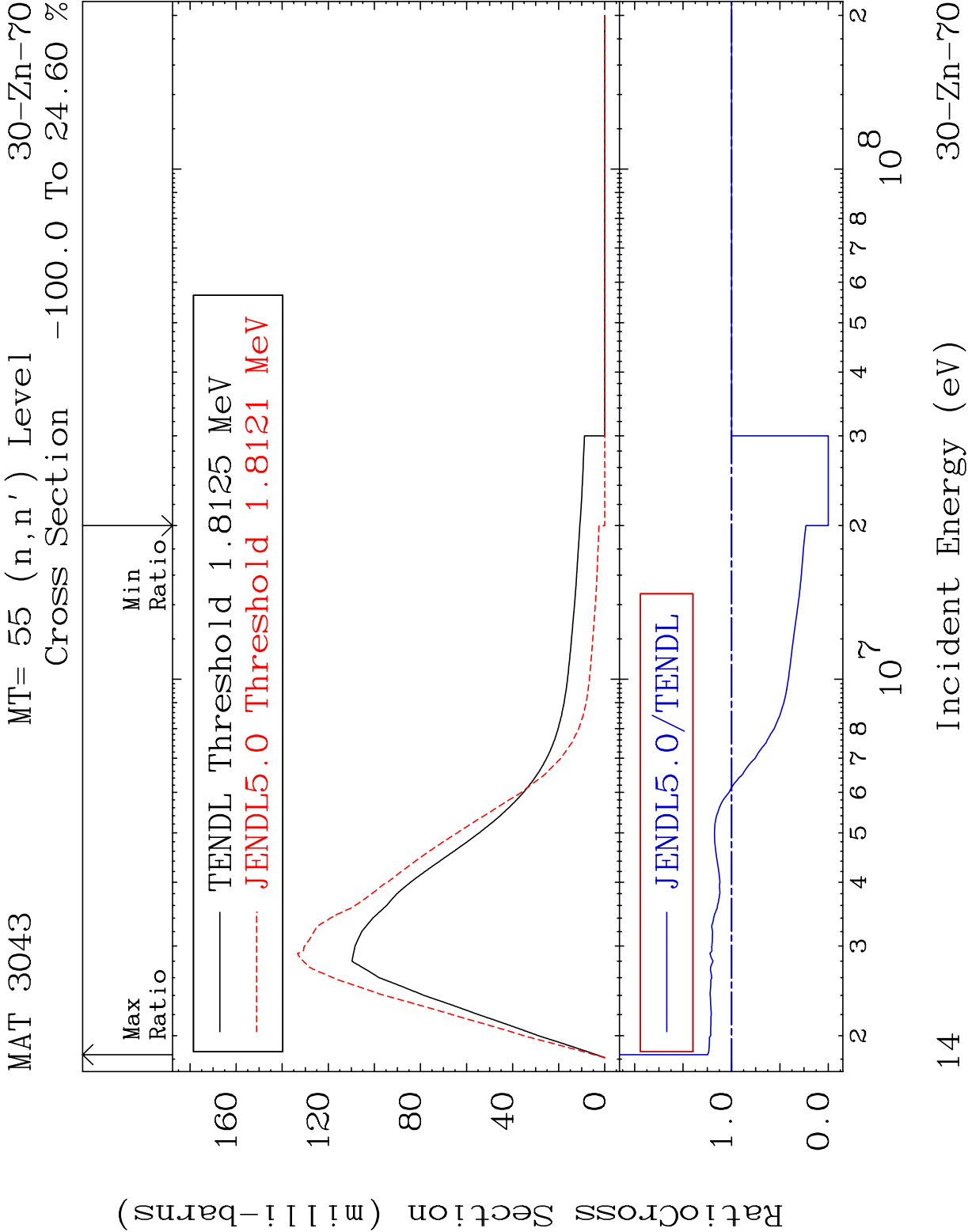


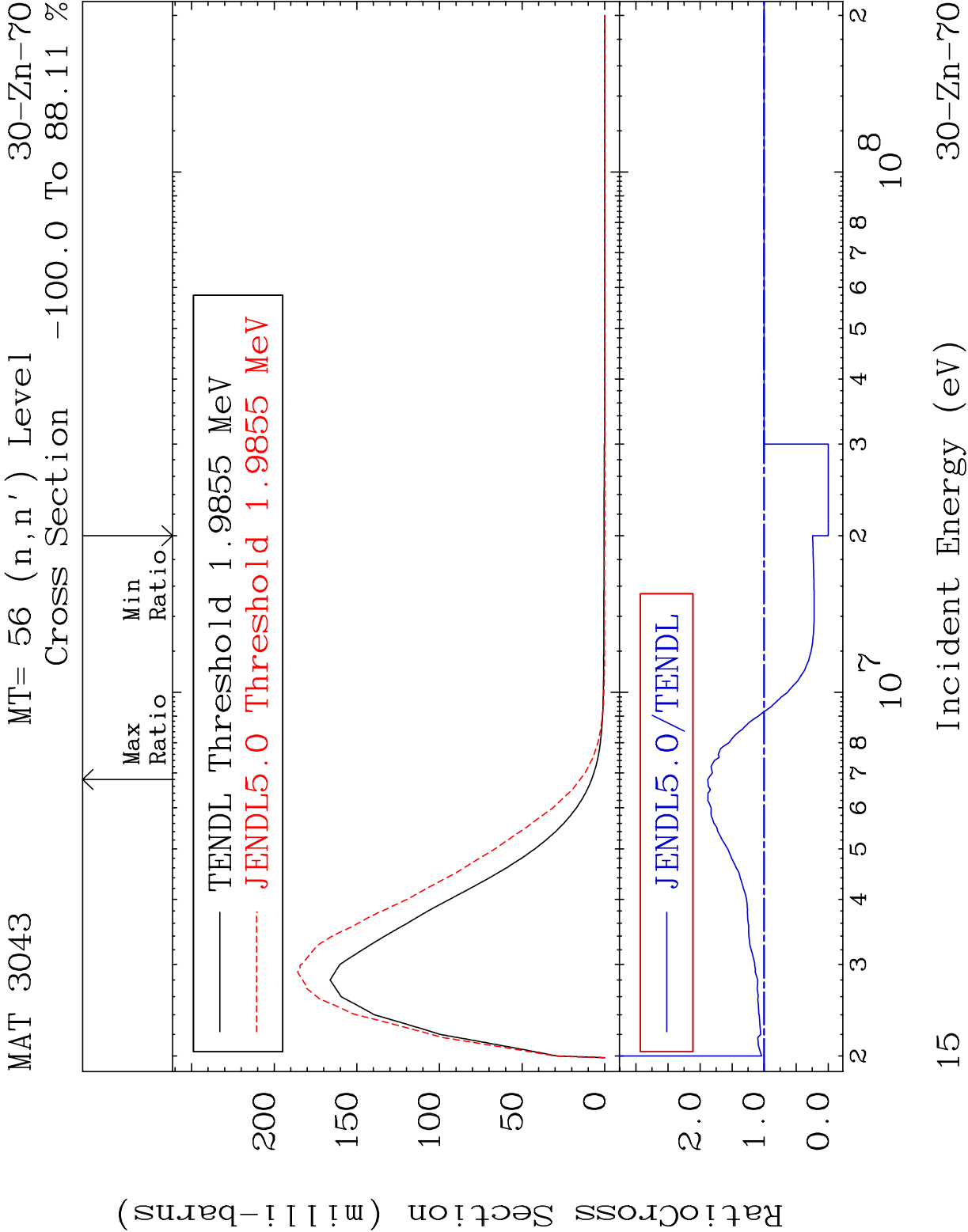


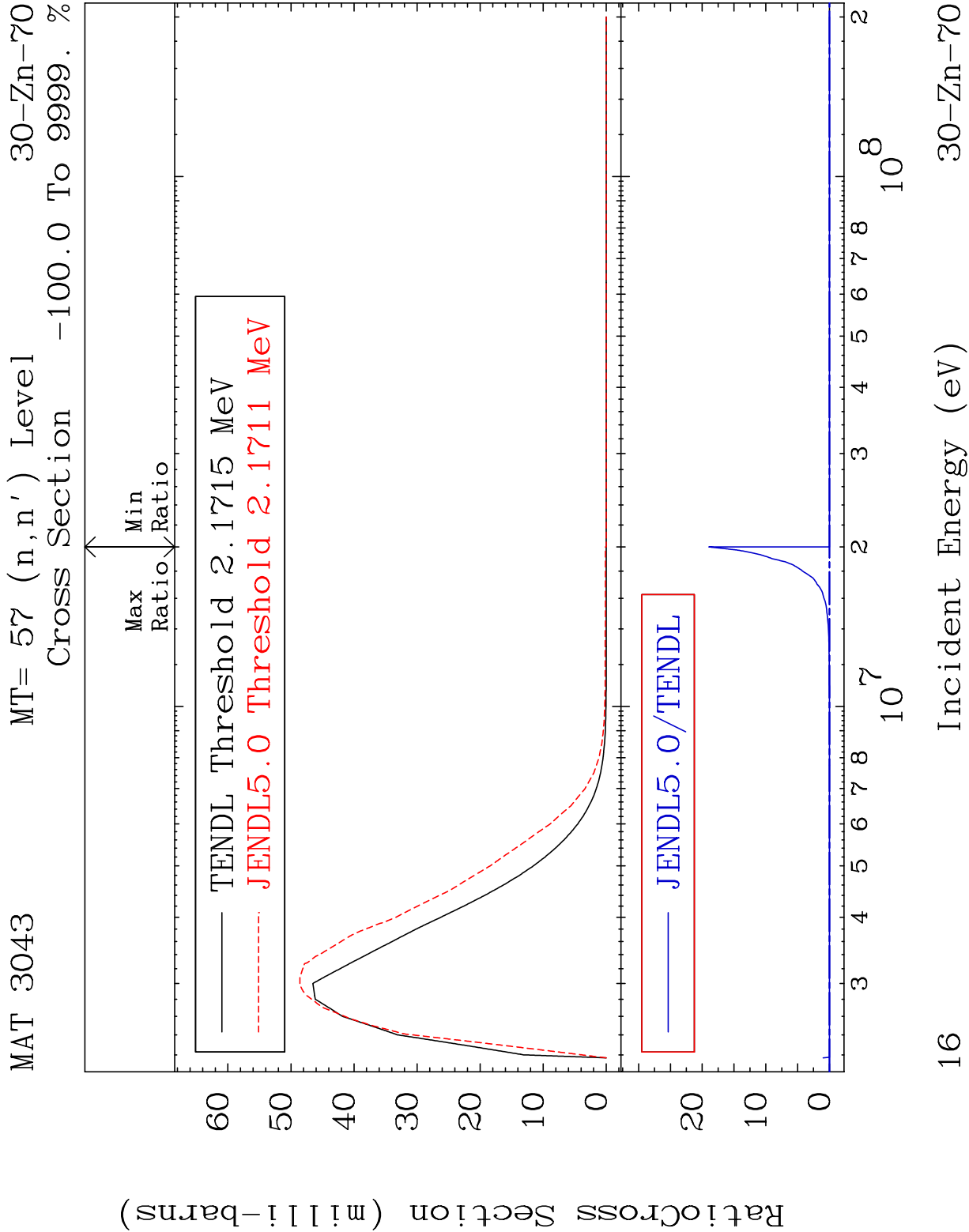
MAT 3043 MT= 53 (n,n') Level 30-Zn-70
Cross Section -100.0 To 9999. %









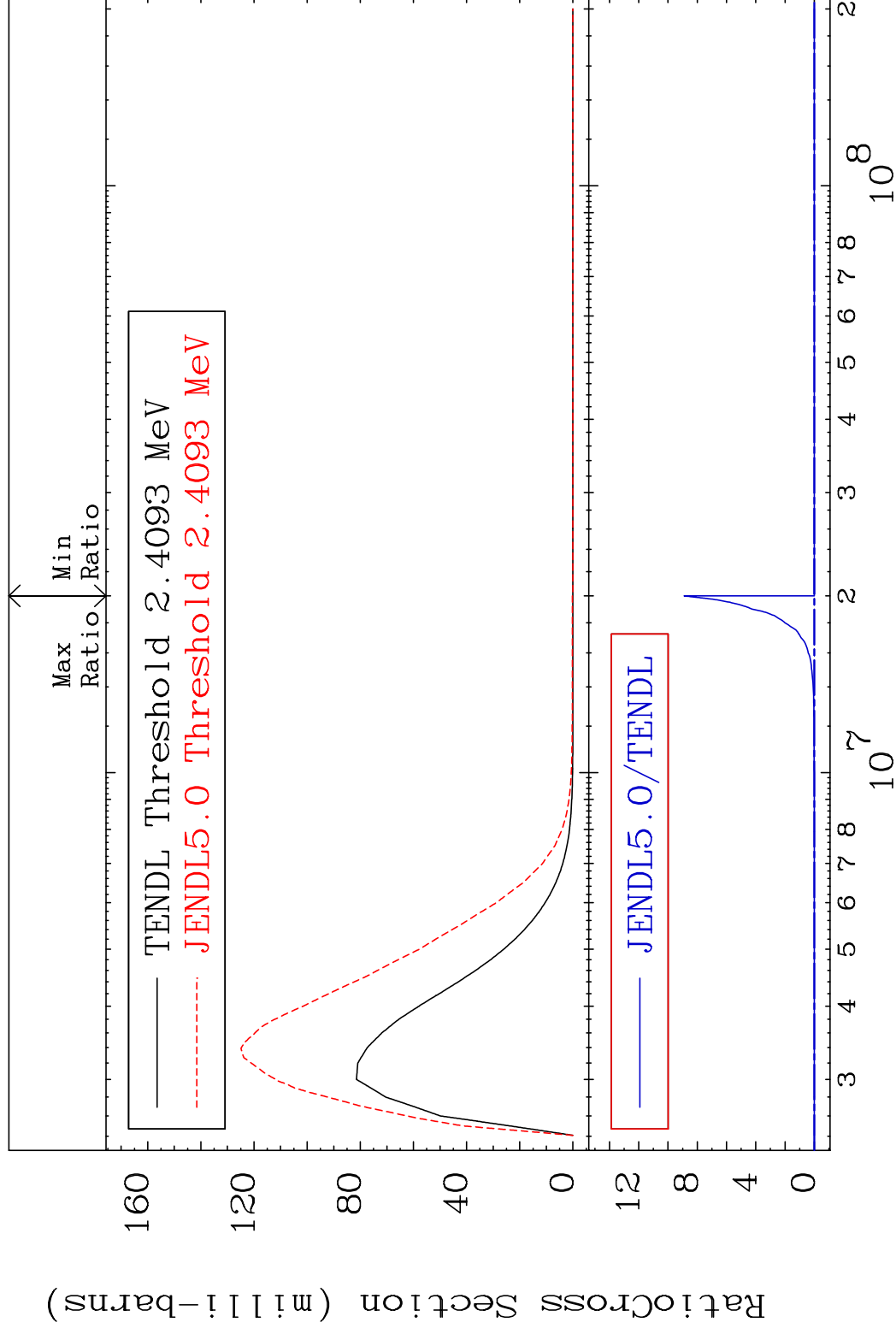


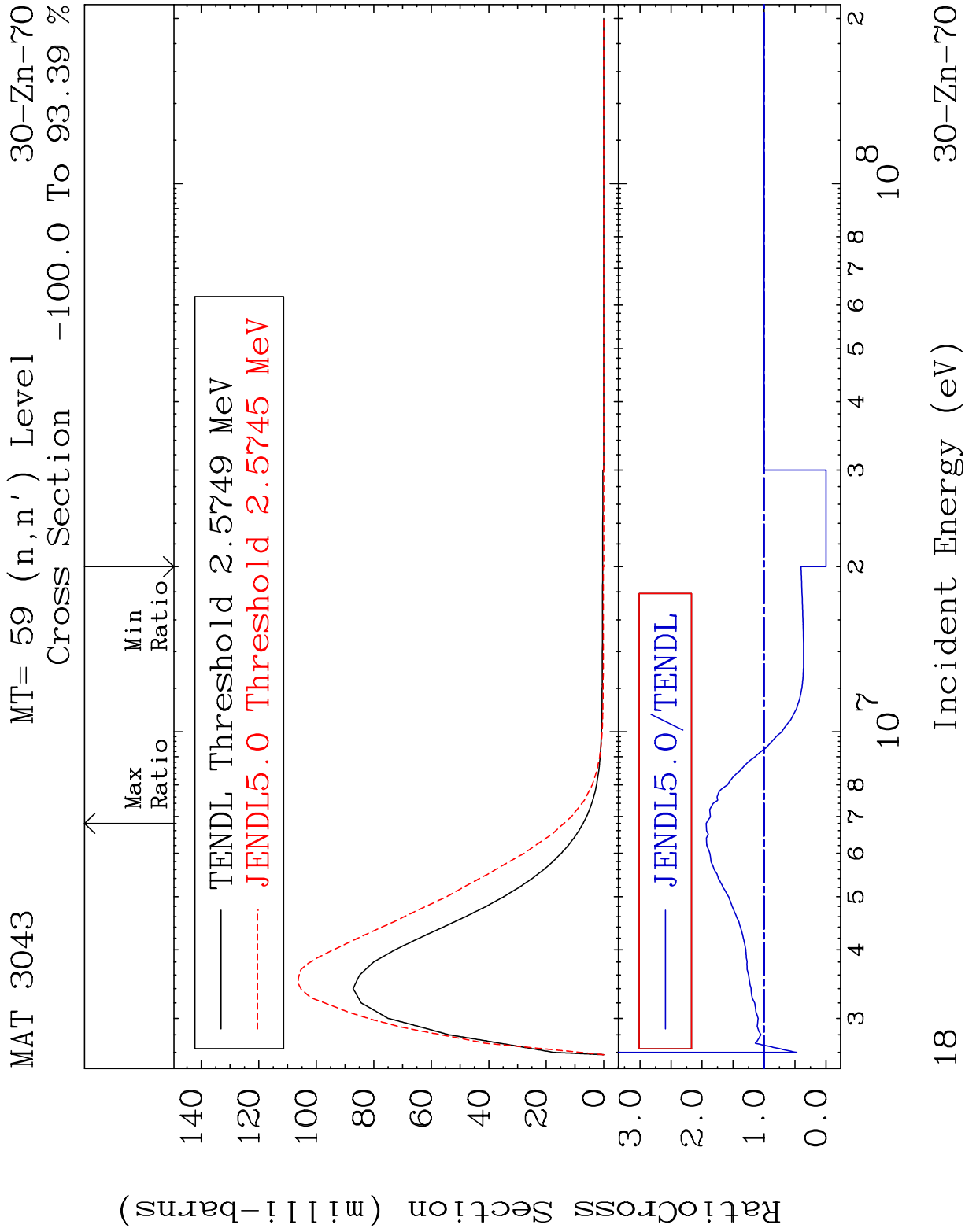
MAT 3043

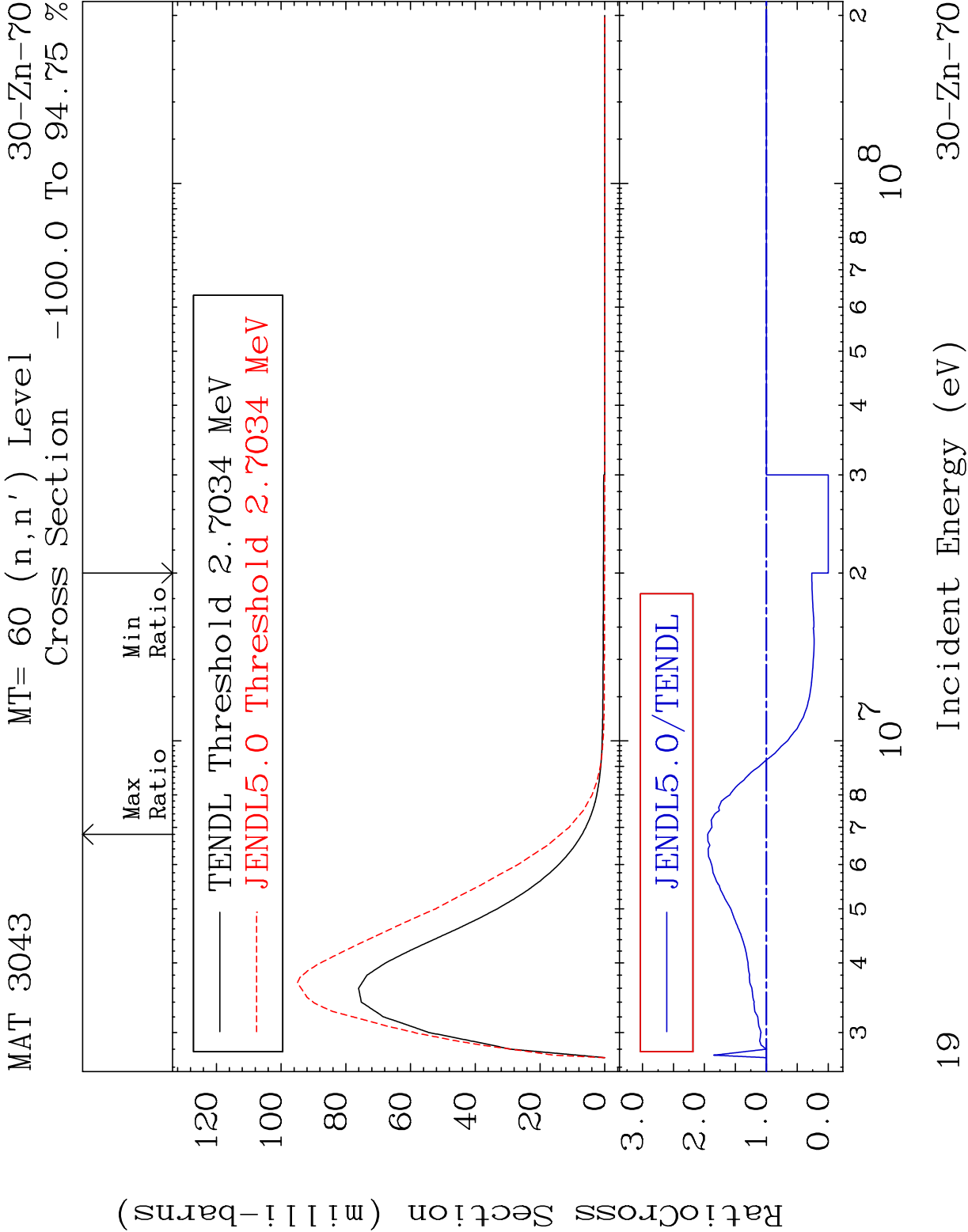
MT= 58 (n, n') Level

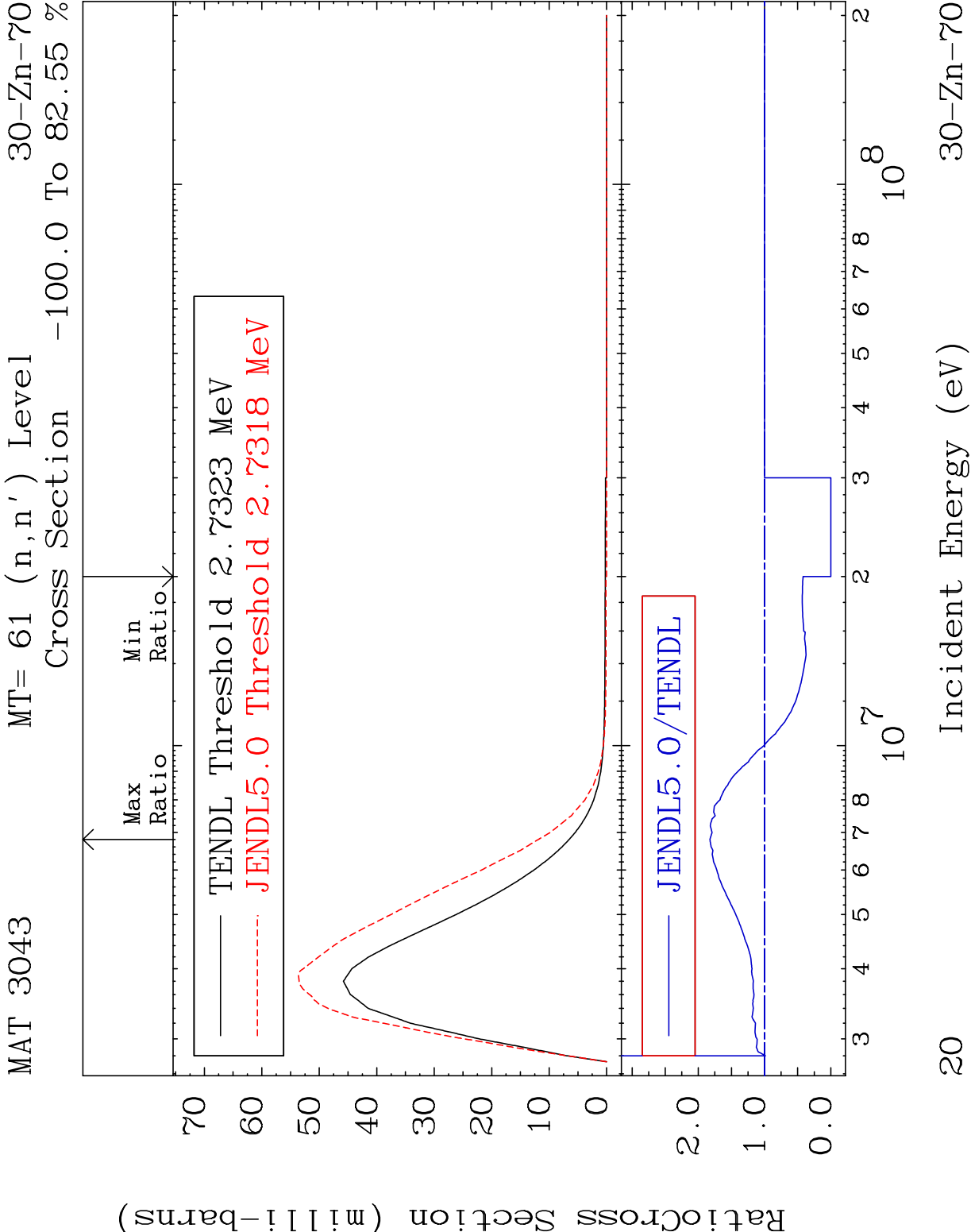
30-Zn-70

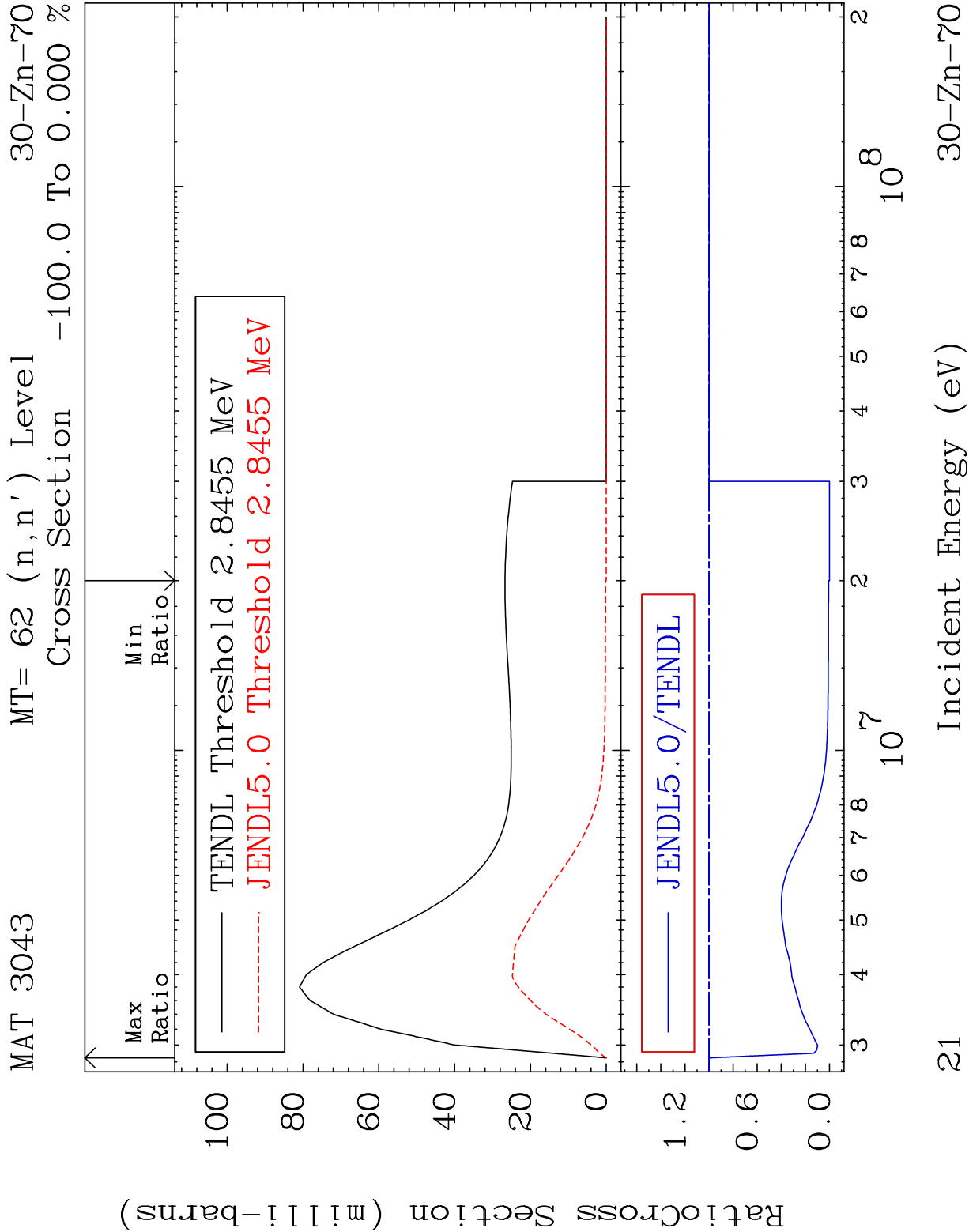
Cross Section -100.0 To 9999. %

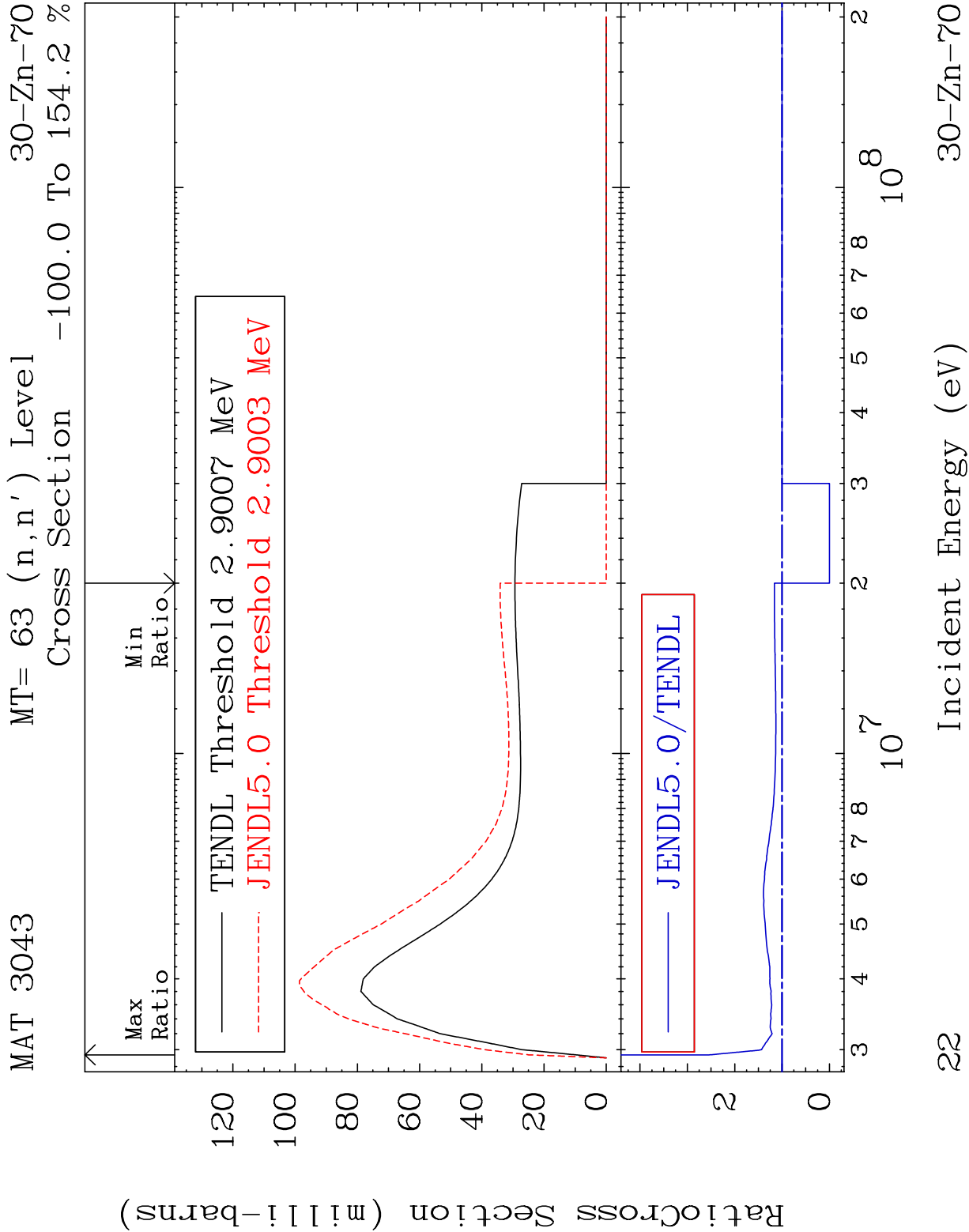


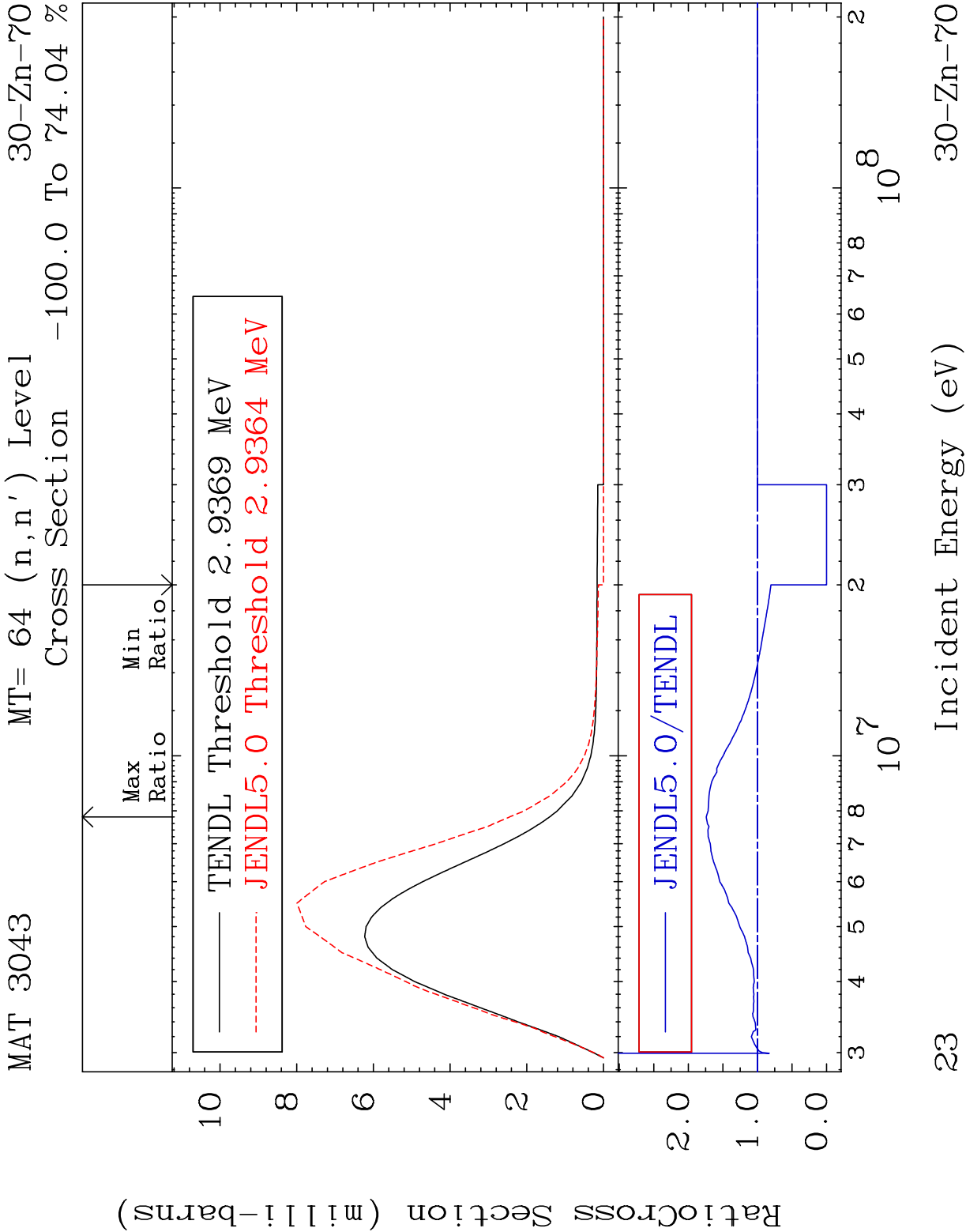


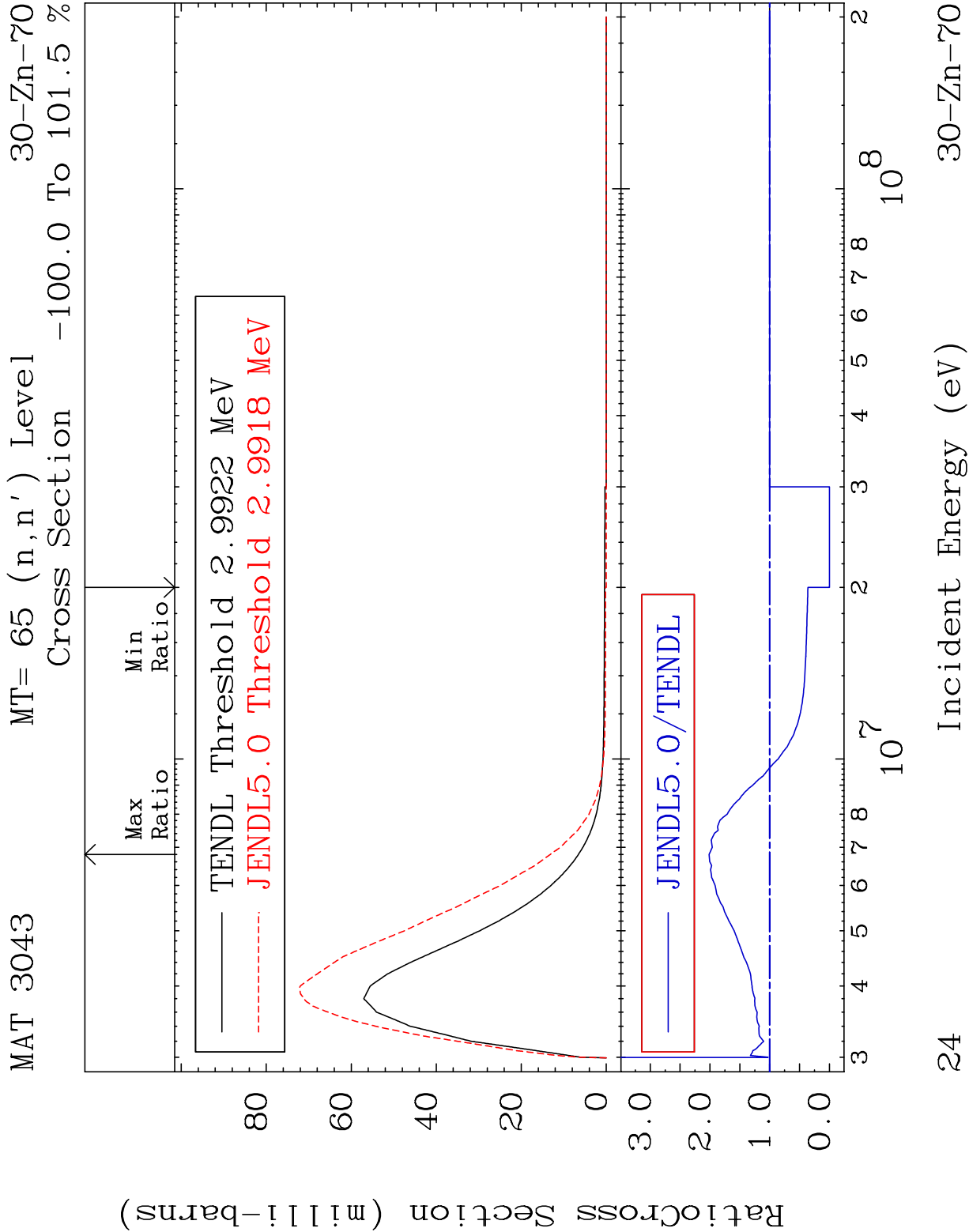


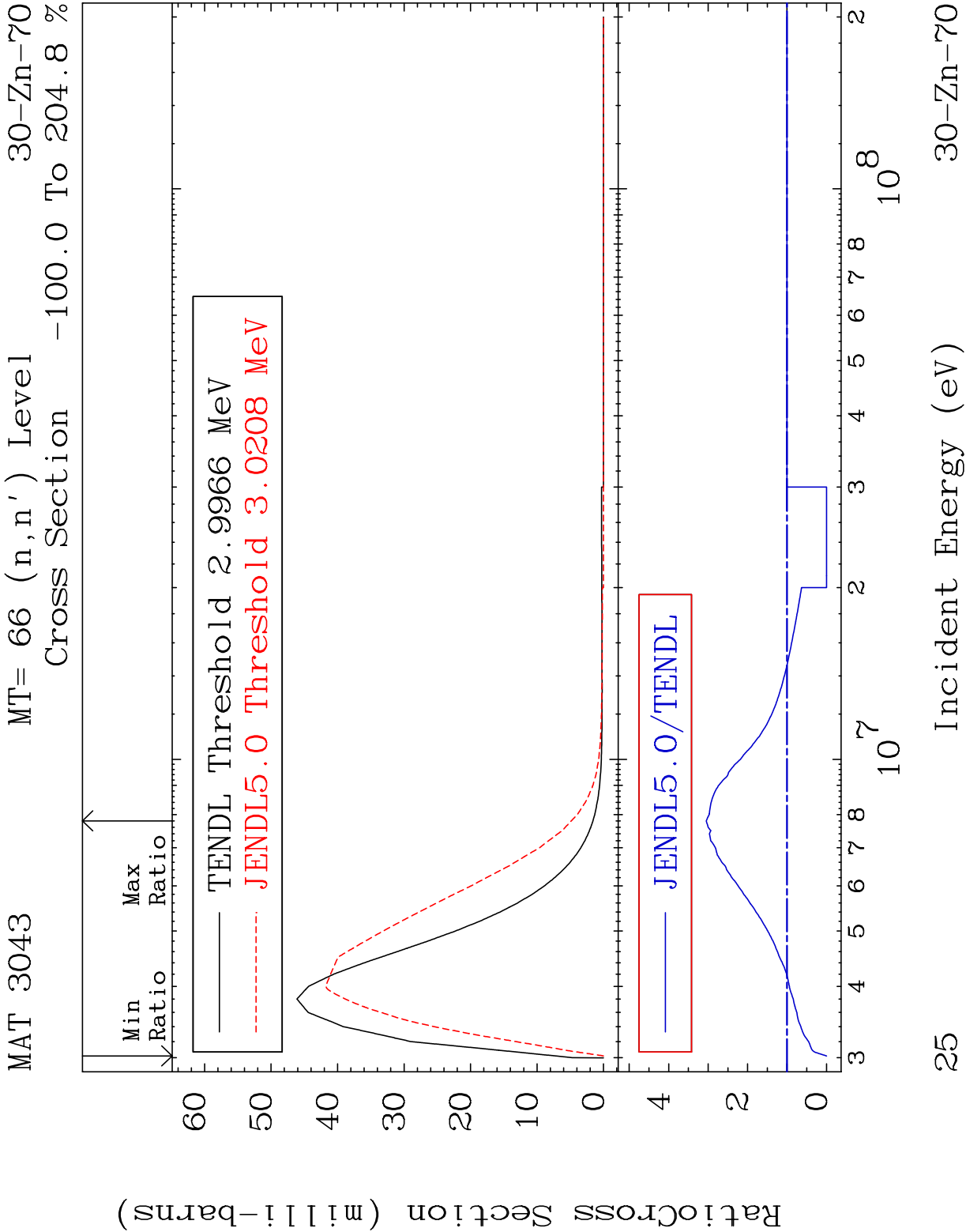


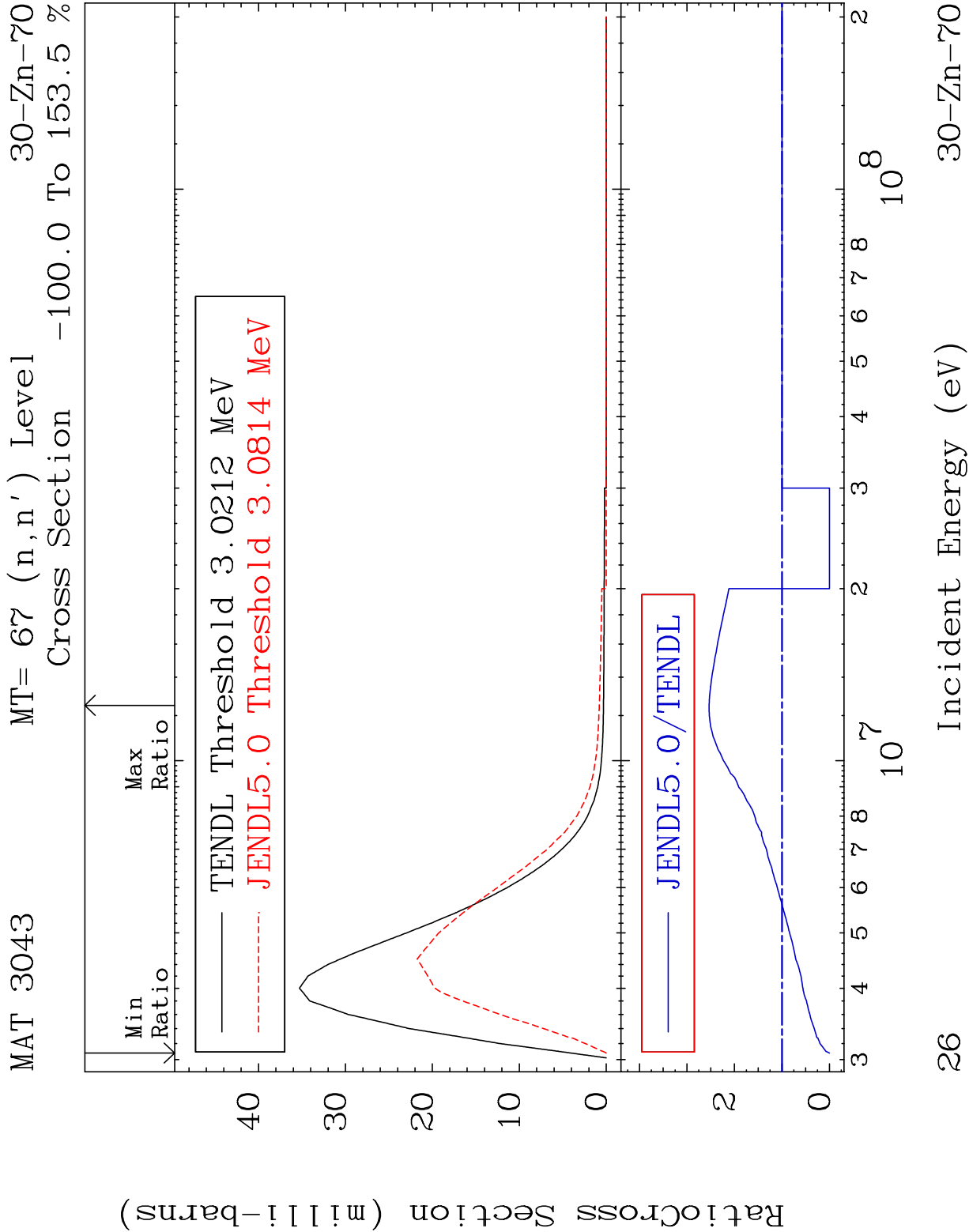


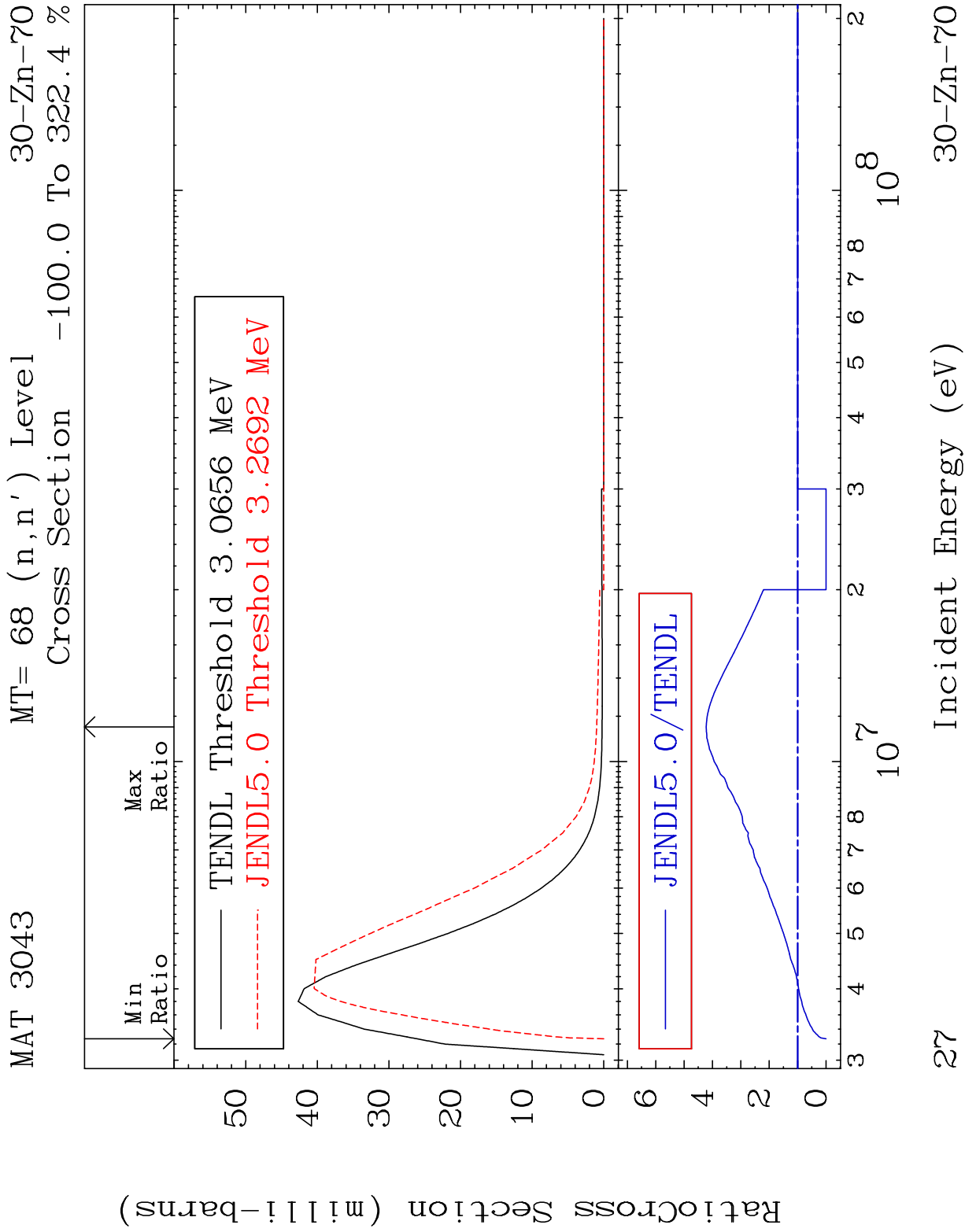


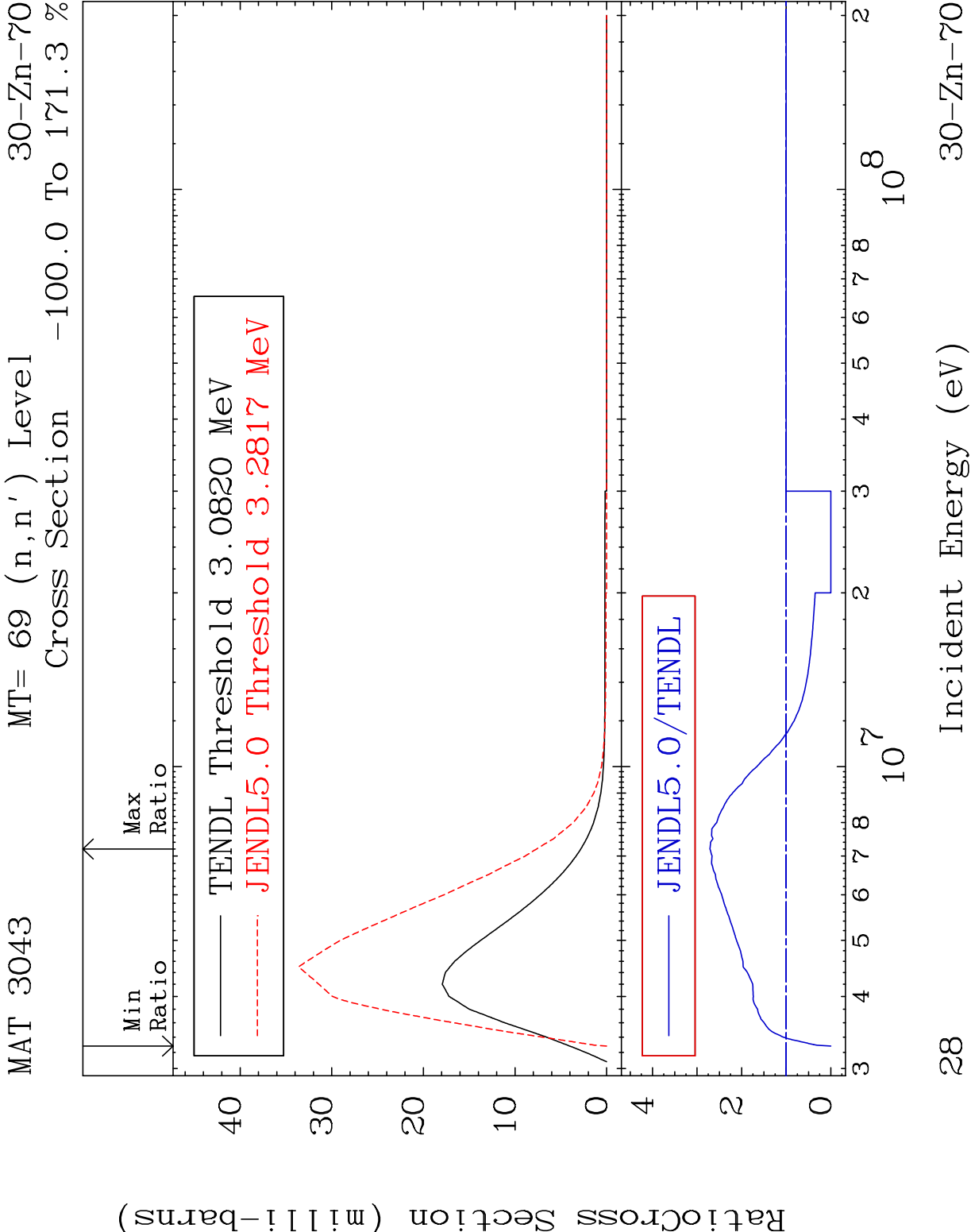


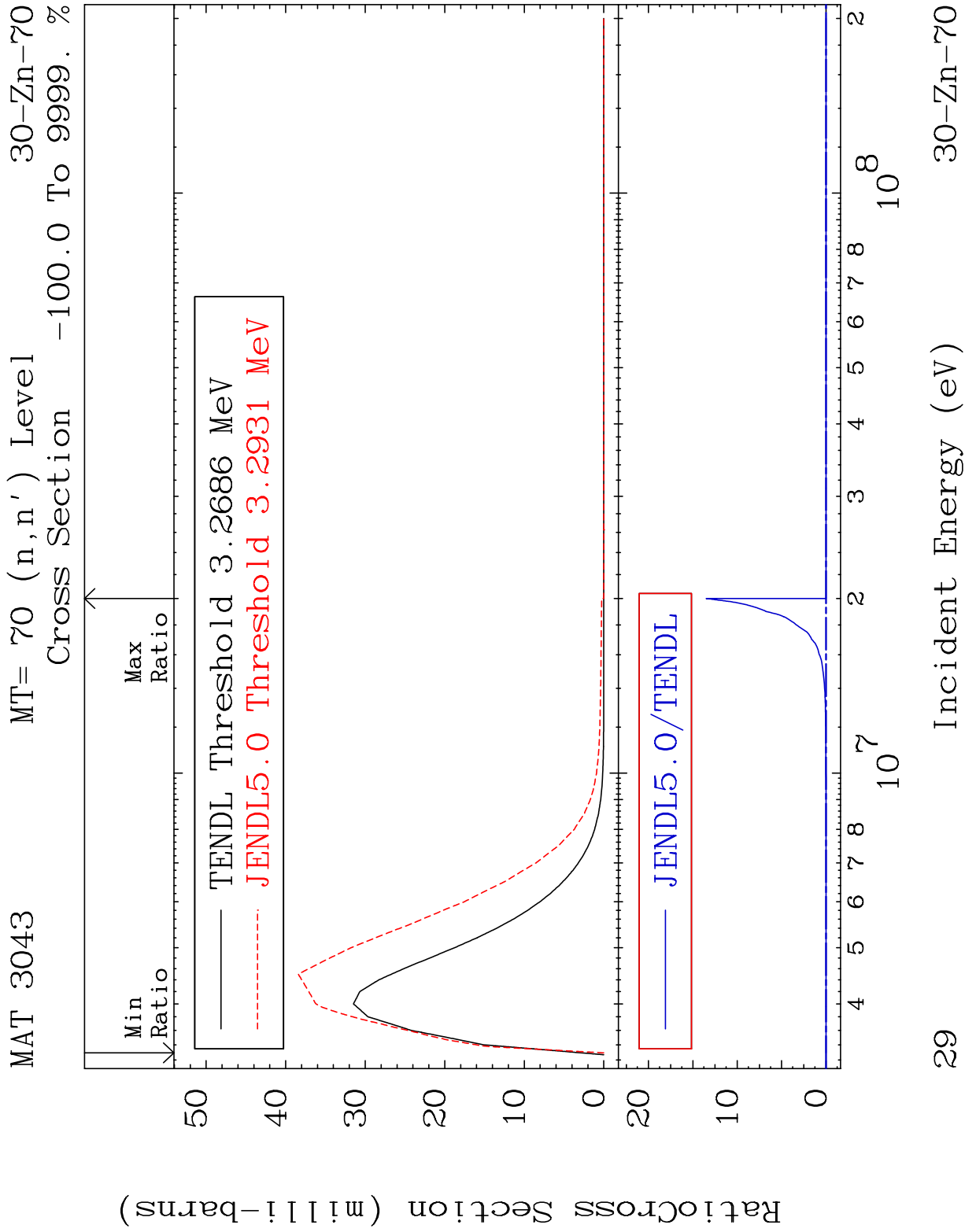


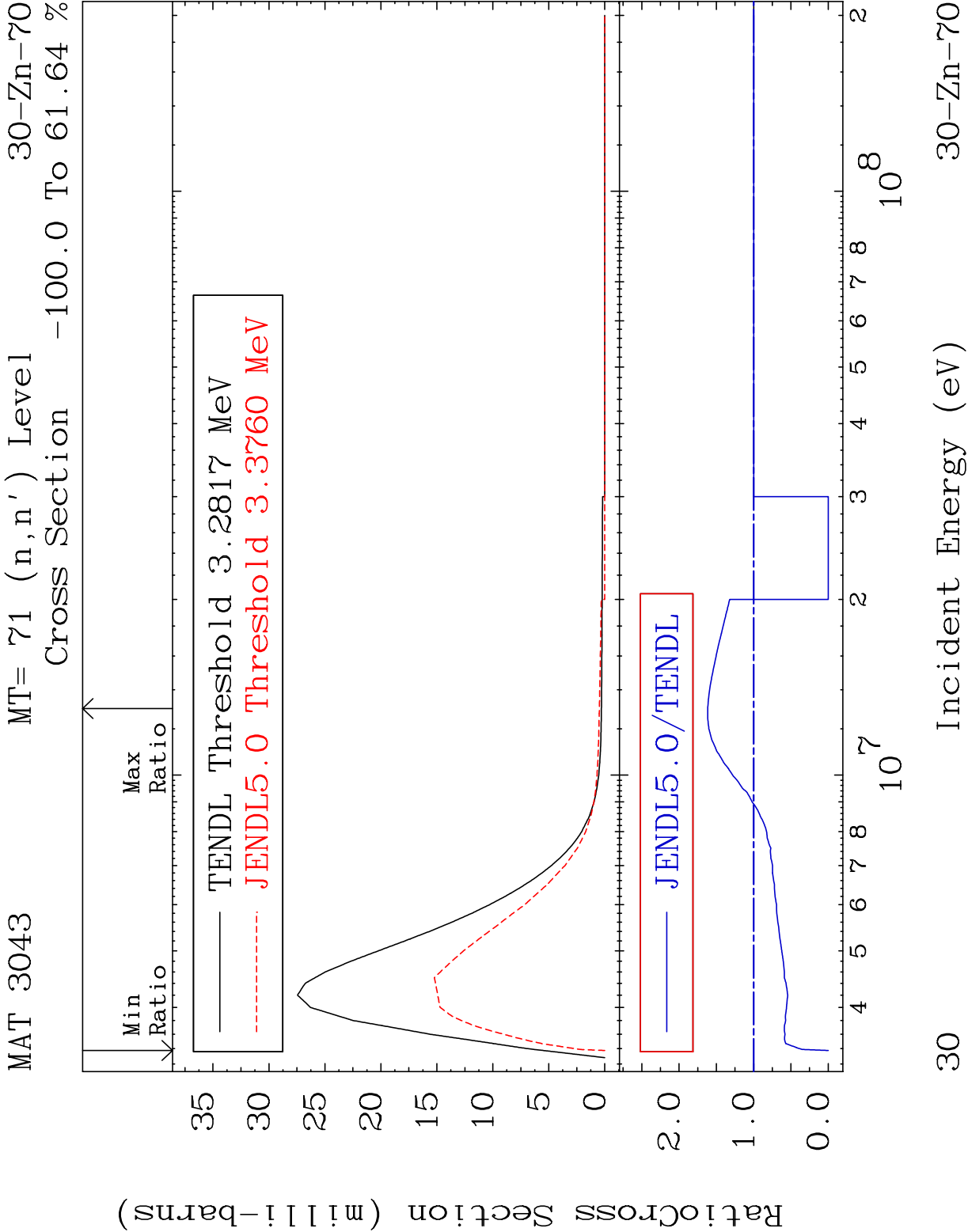


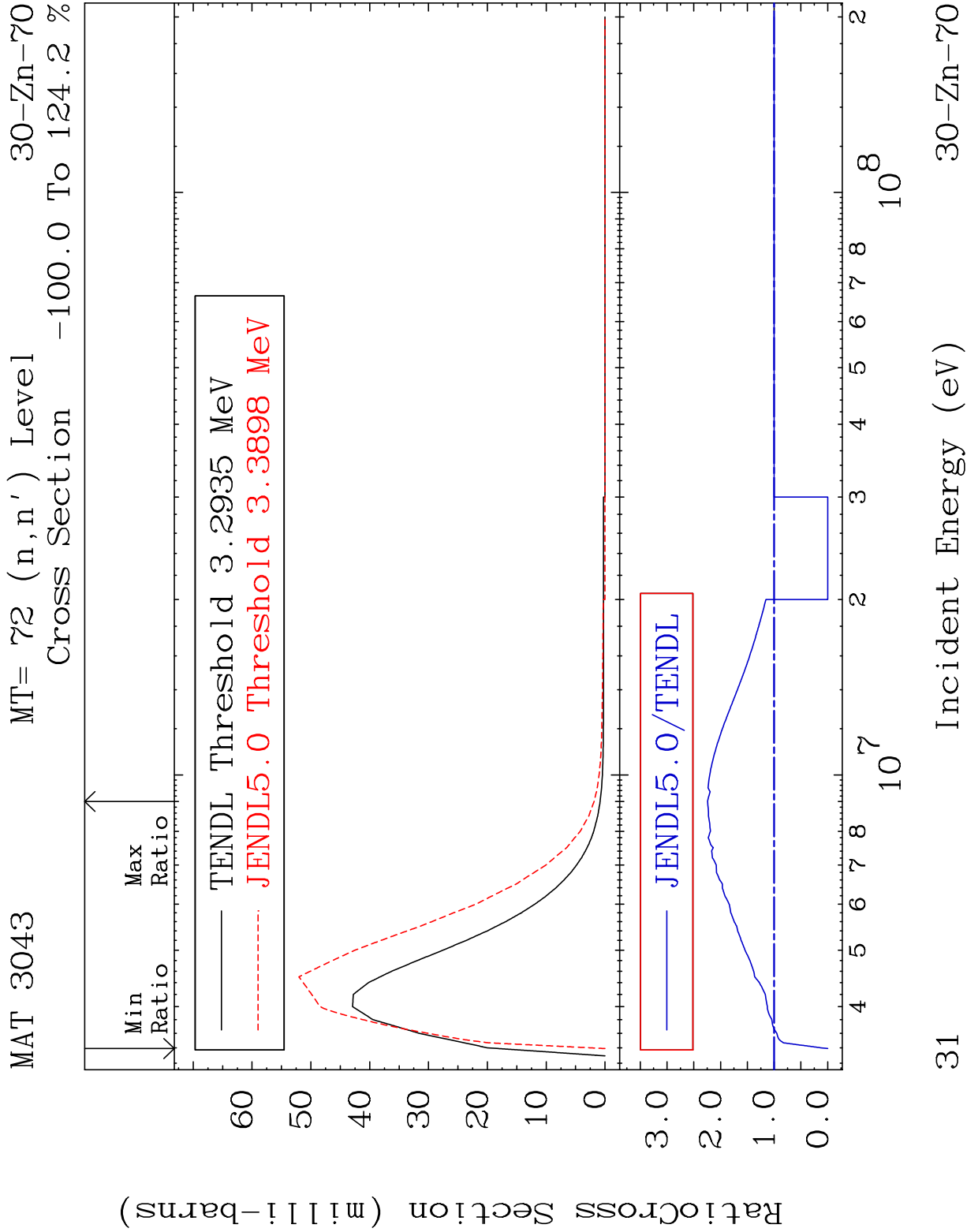


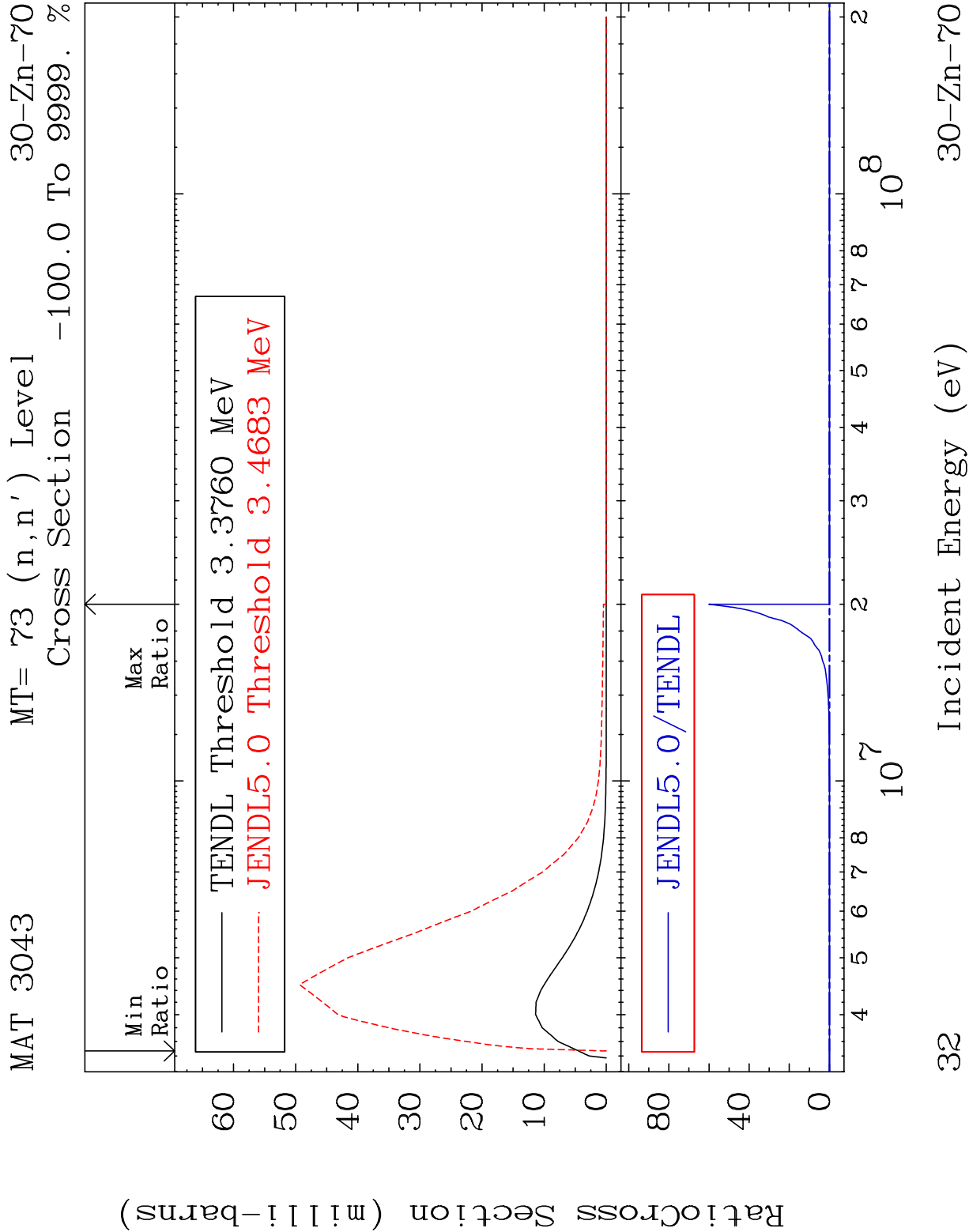




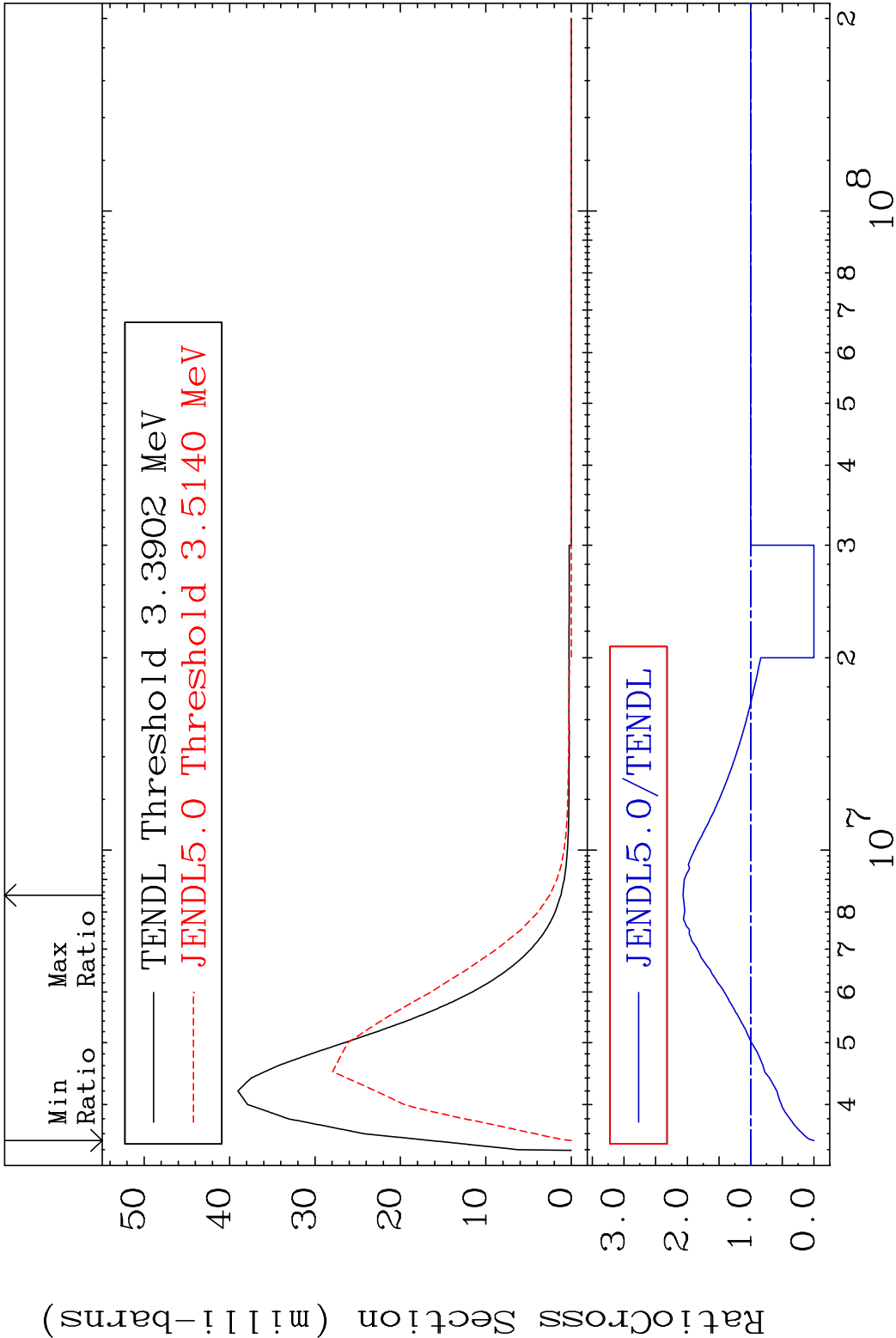




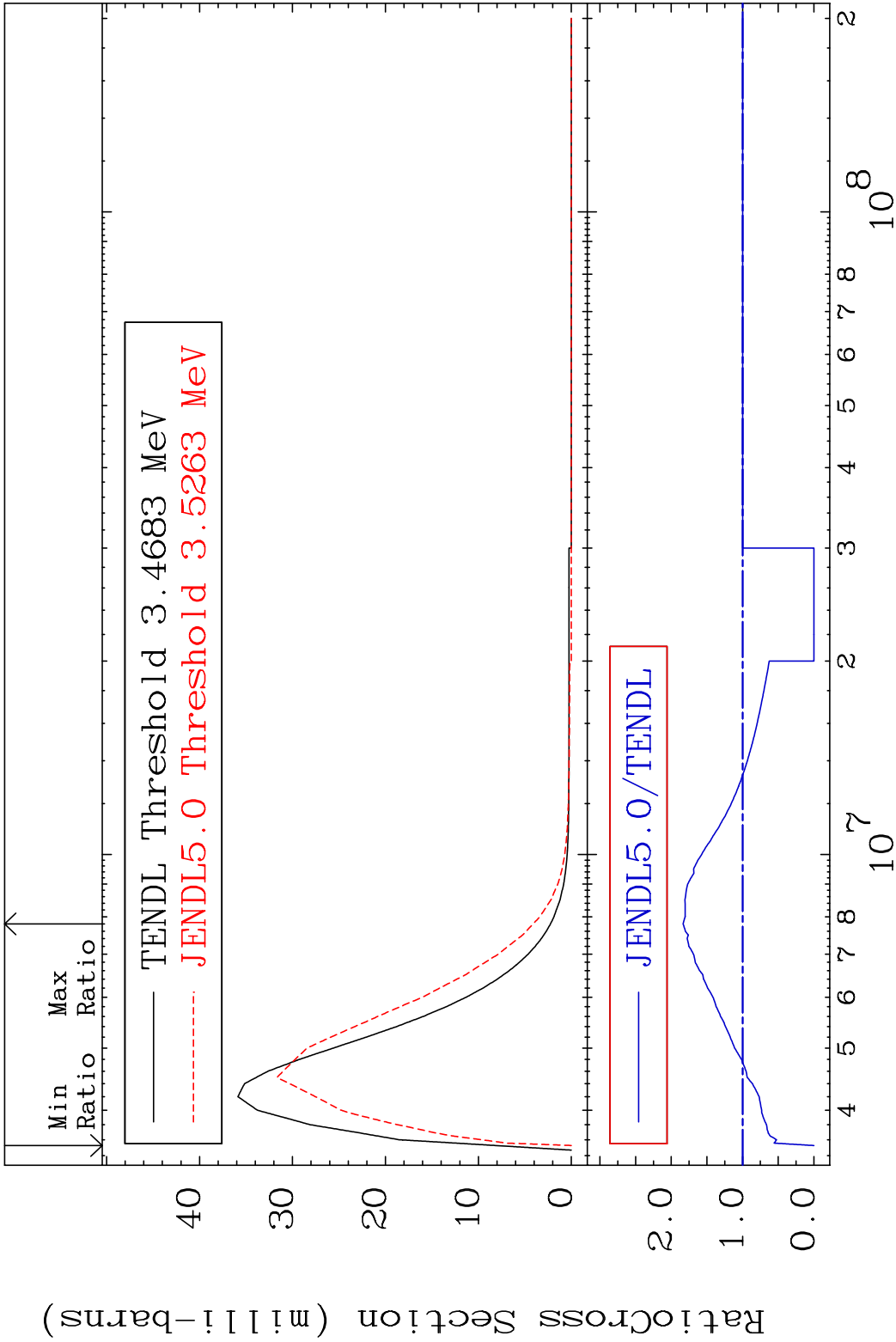


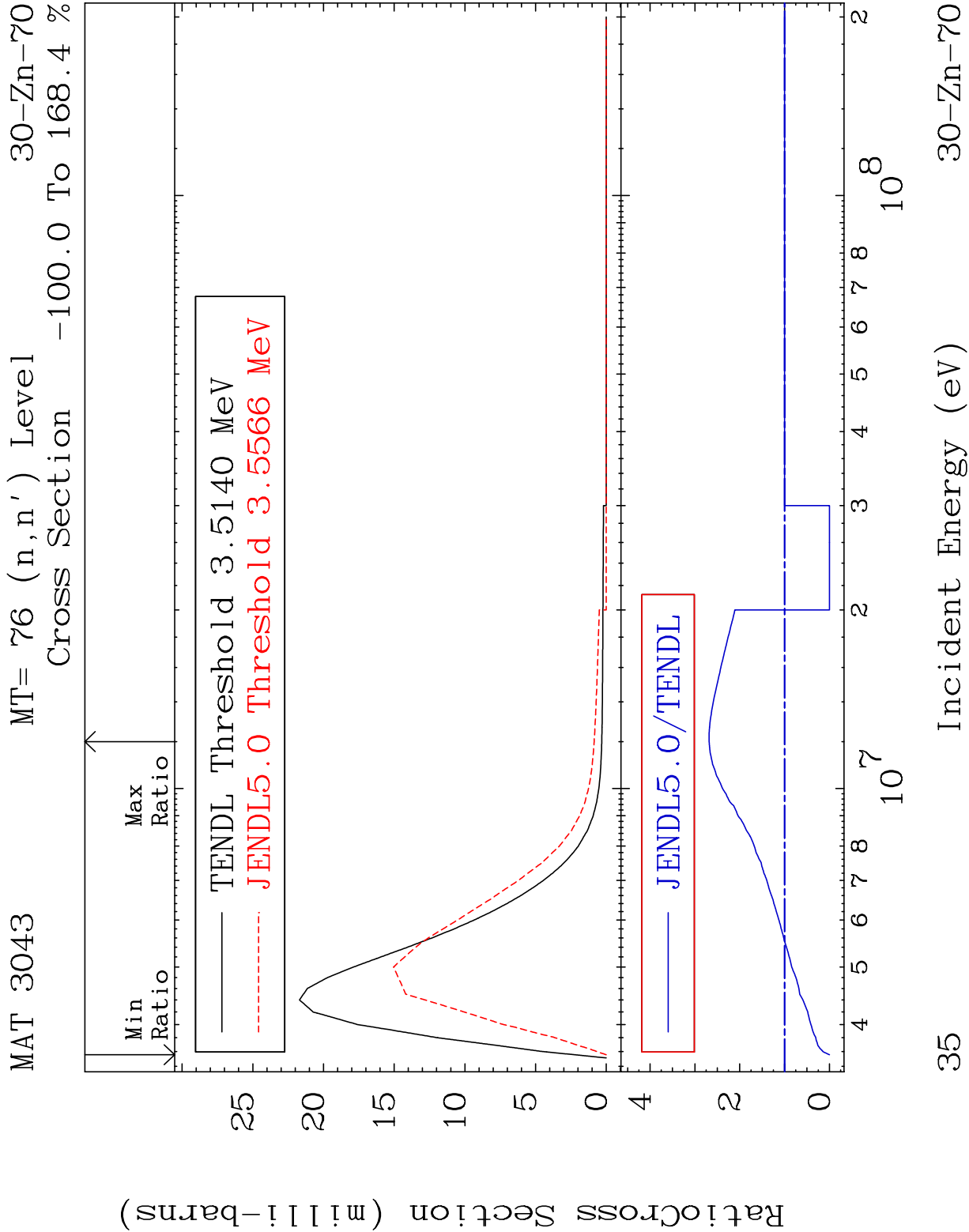


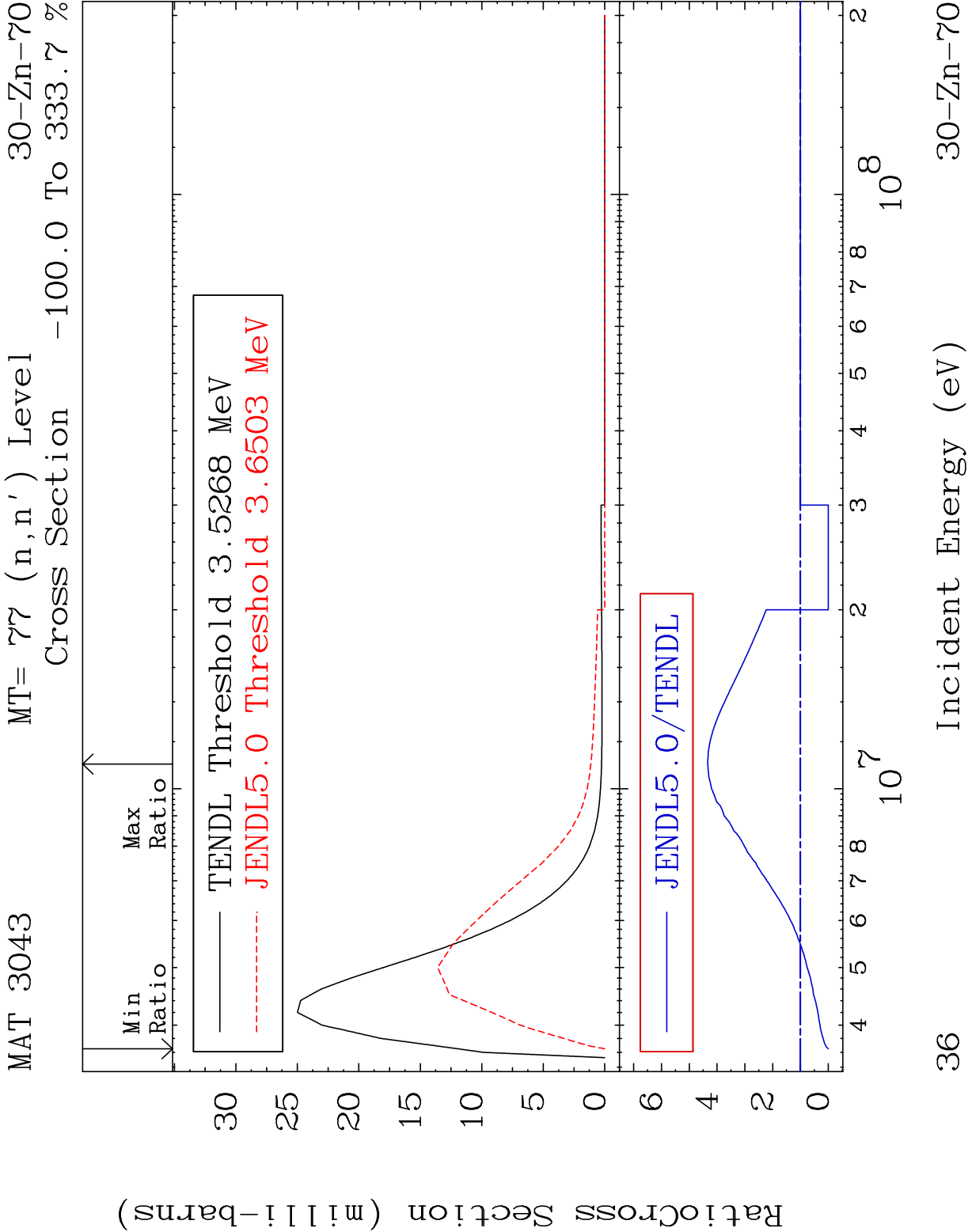
MAT 3043 MT= 74 (n,n') Level 30-Zn-70
Cross Section -100.0 To 106.8 %



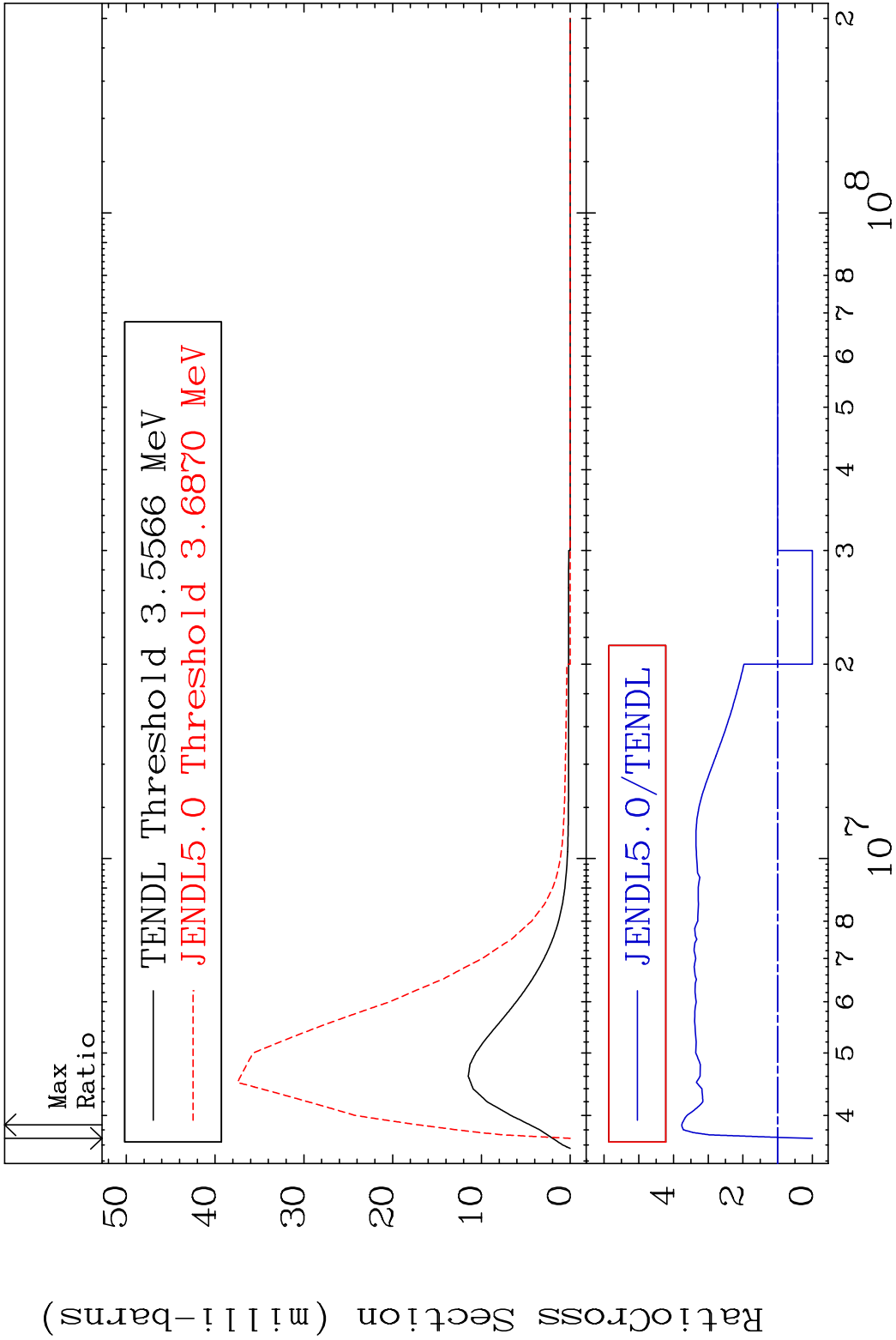
MAT 3043 MT= 75 (n,n') Level 30-Zn-70
 Cross Section -100.0 To 83.46 %

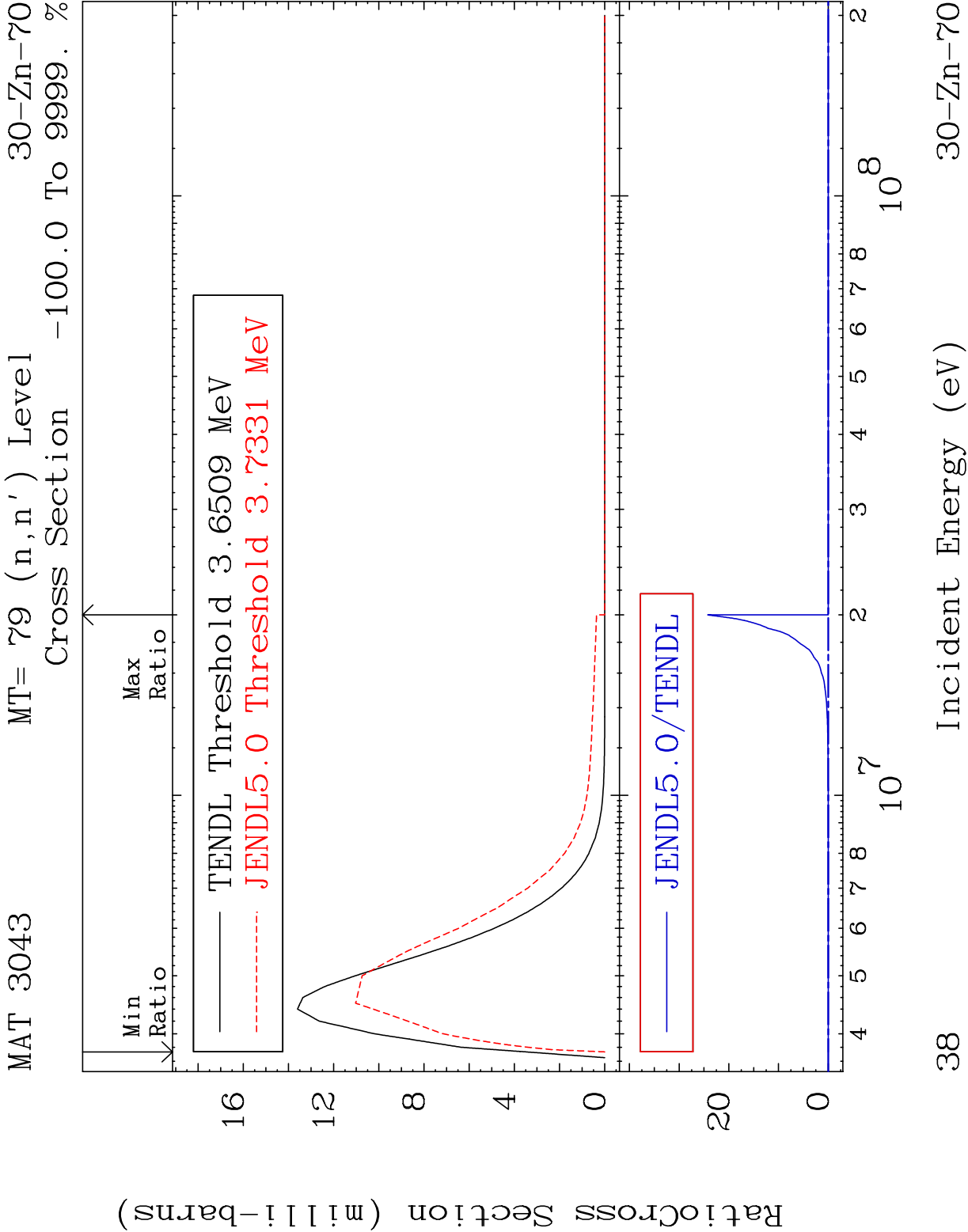




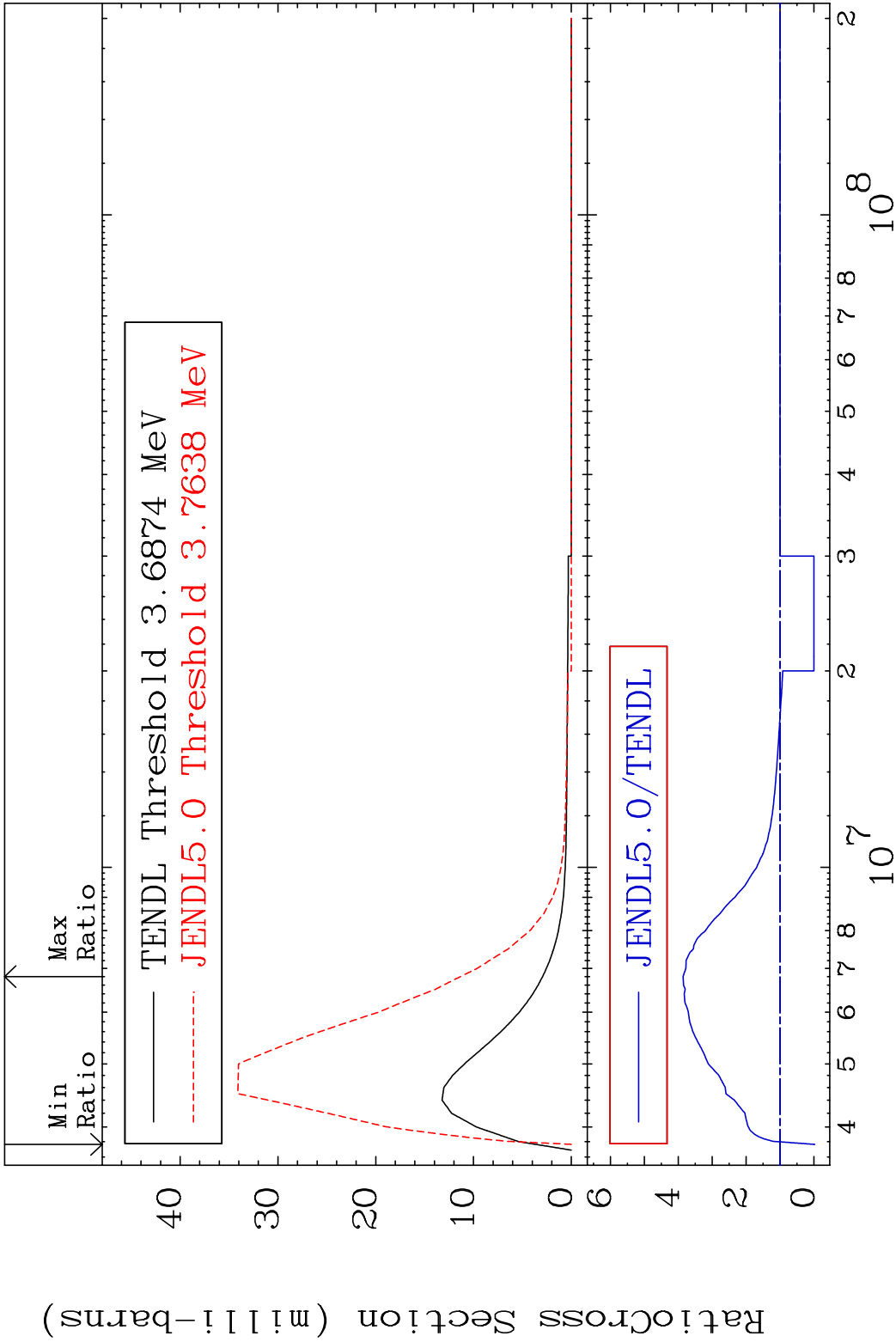


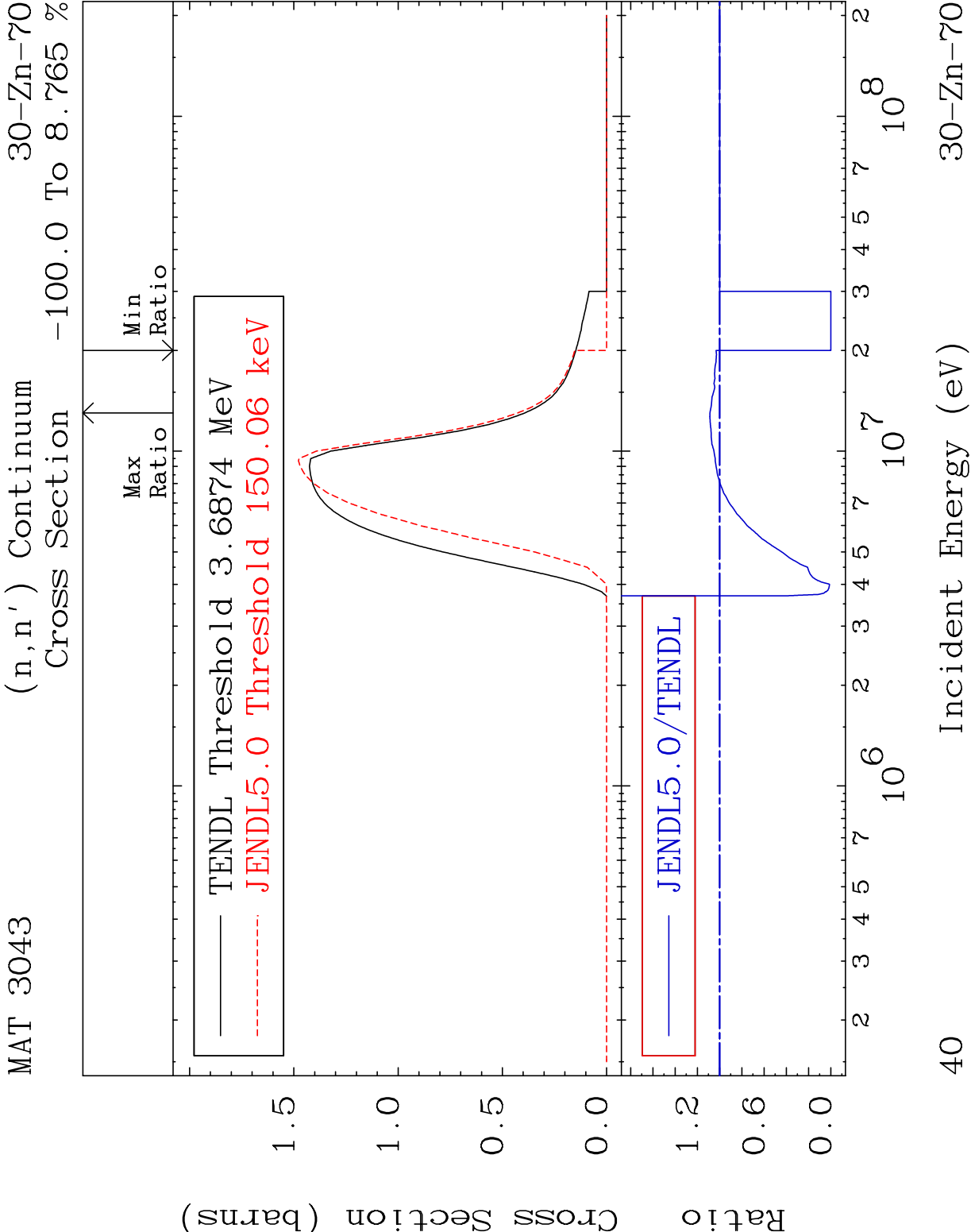
MAT 3043 MT= 78 (n,n') Level 30-Zn-70
Cross Section -100.0 To 276.2 %

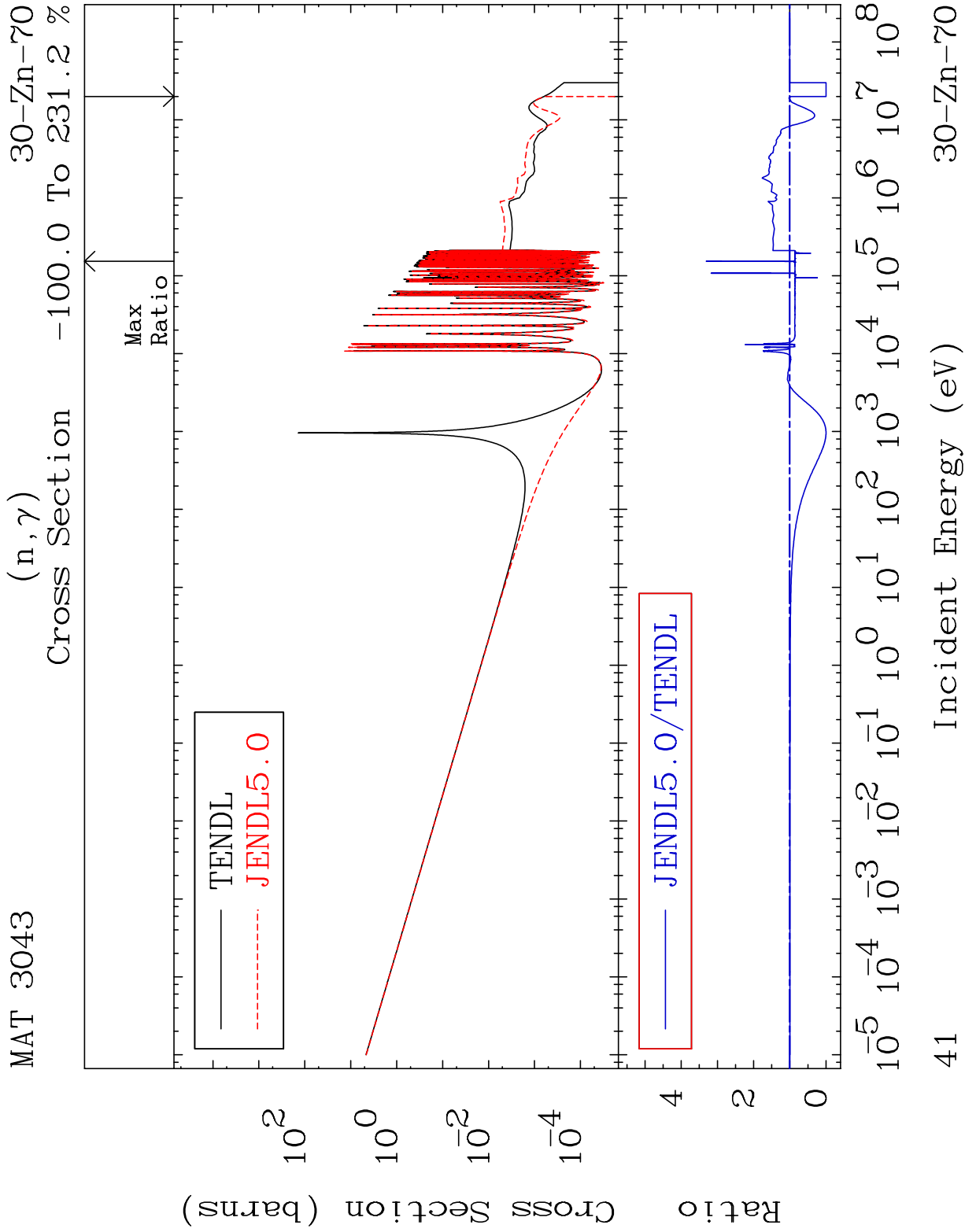


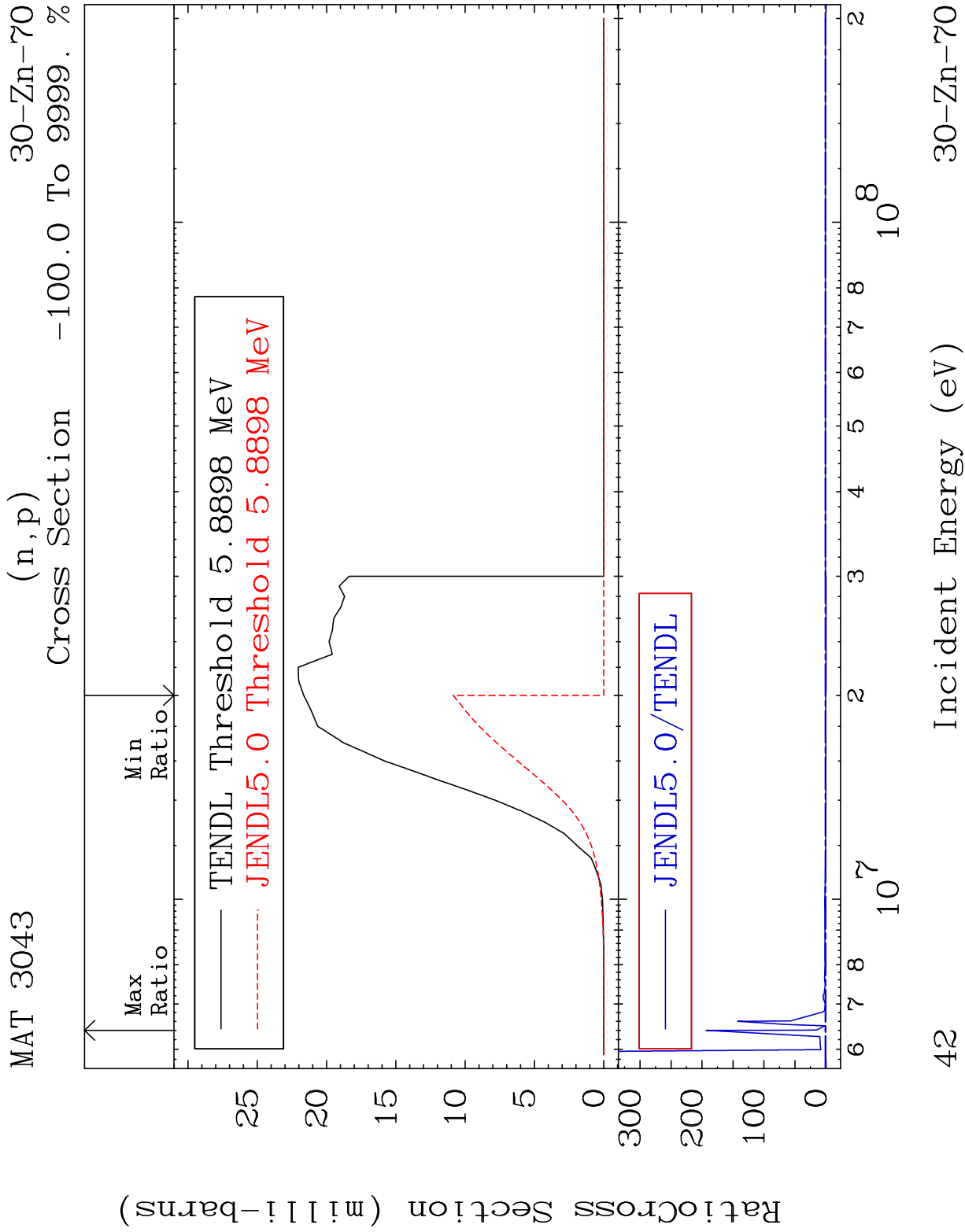


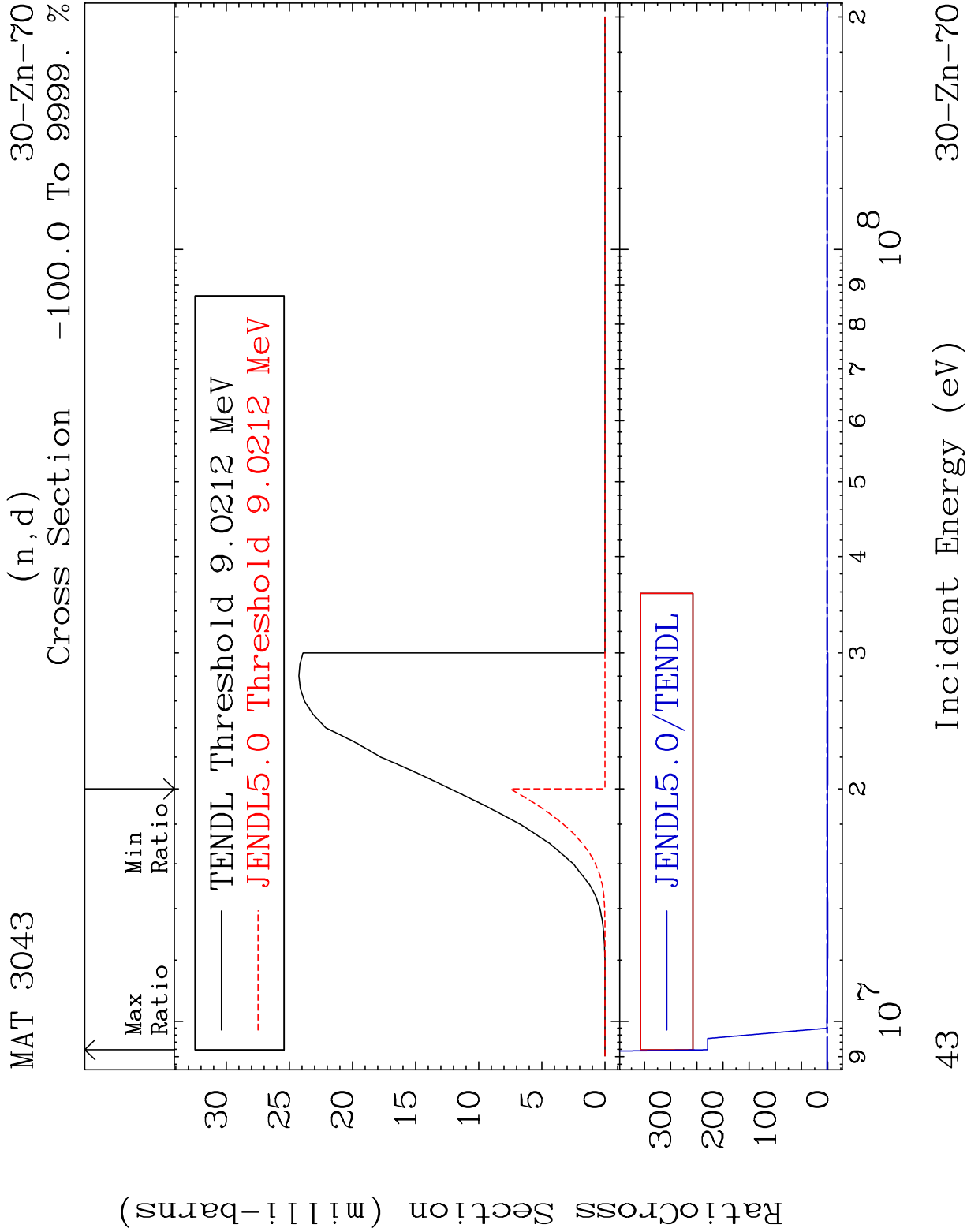
MAT 3043 MT= 80 (n,n') Level 30-Zn-70
 Cross Section -100.0 To 286.0 %

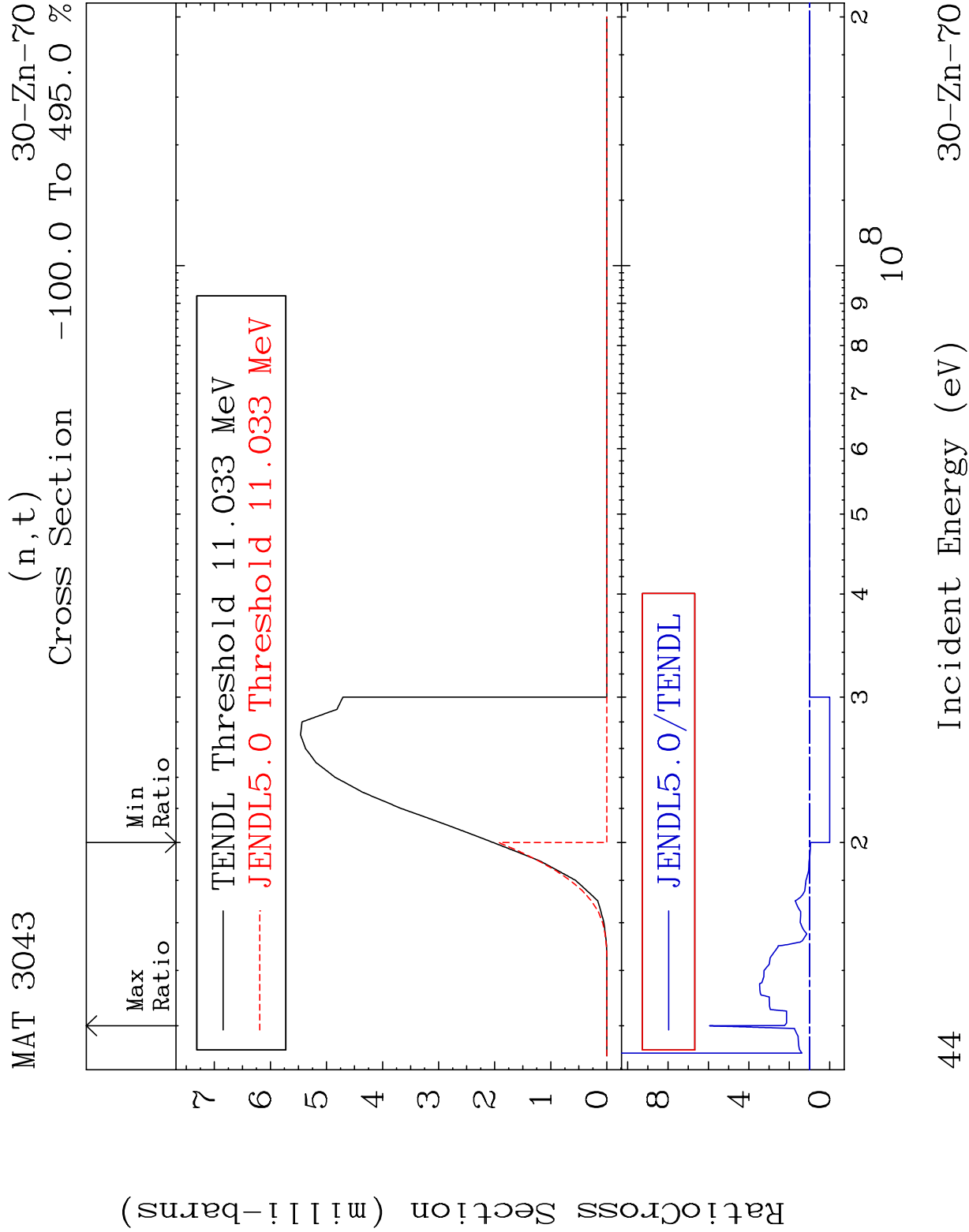


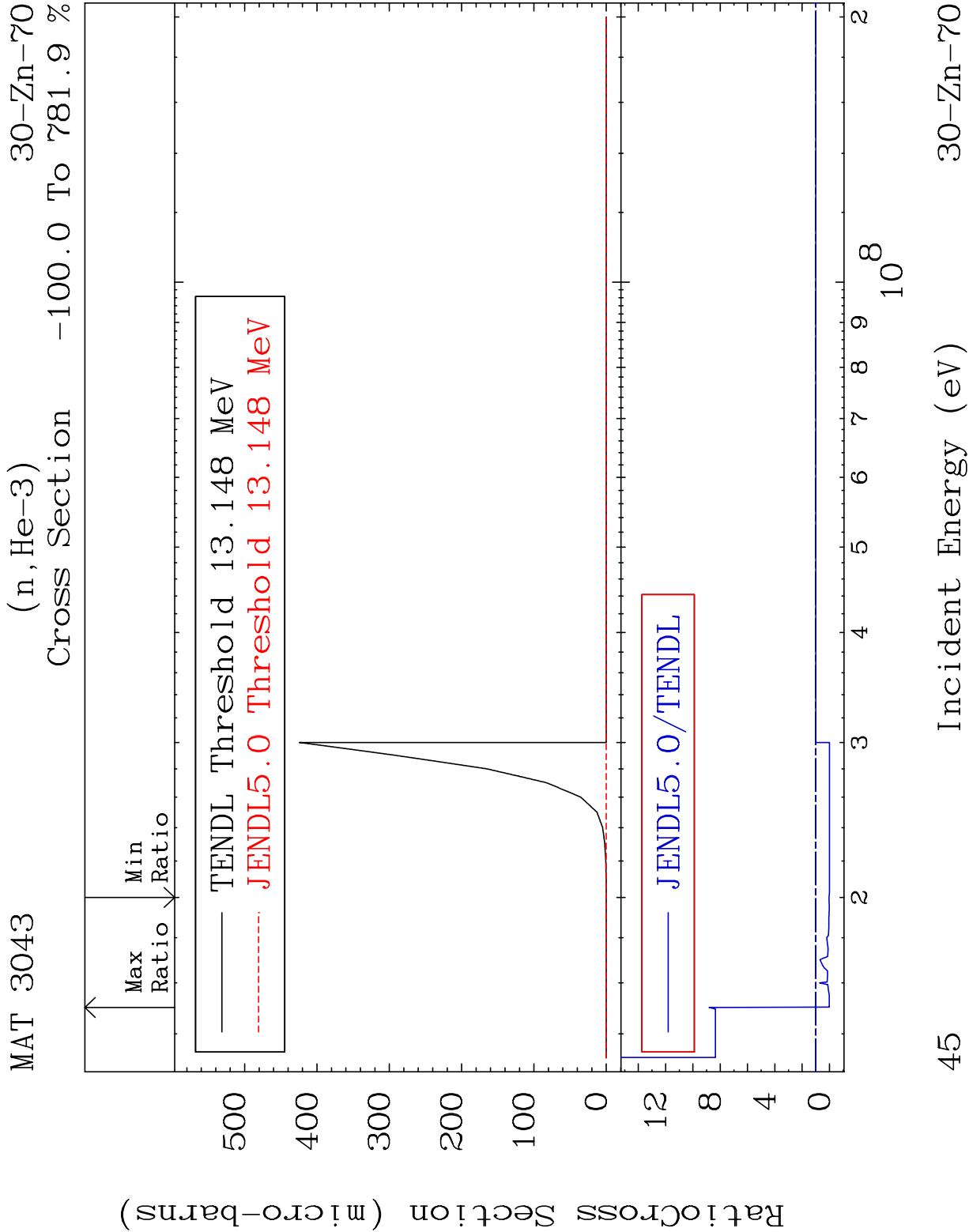


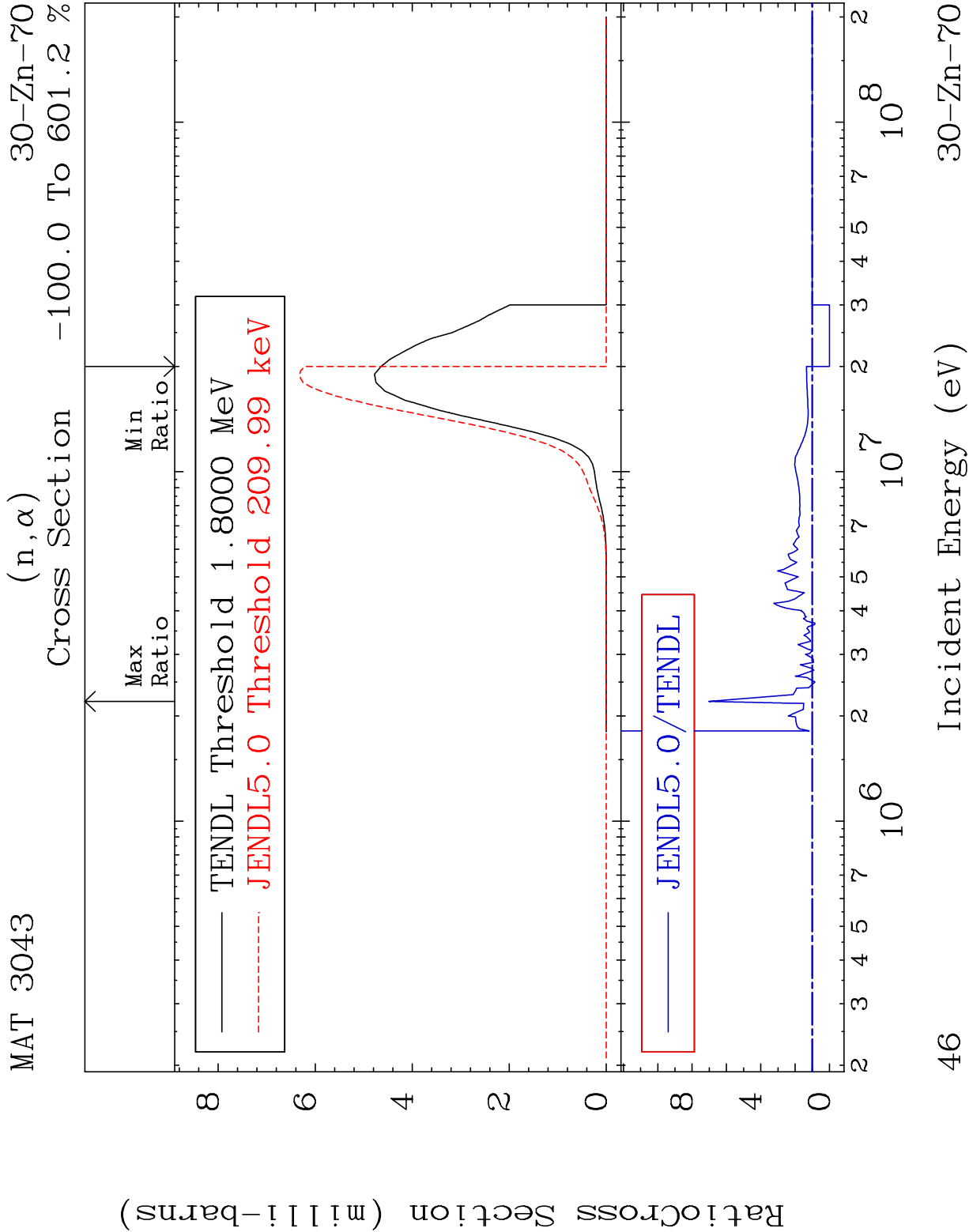


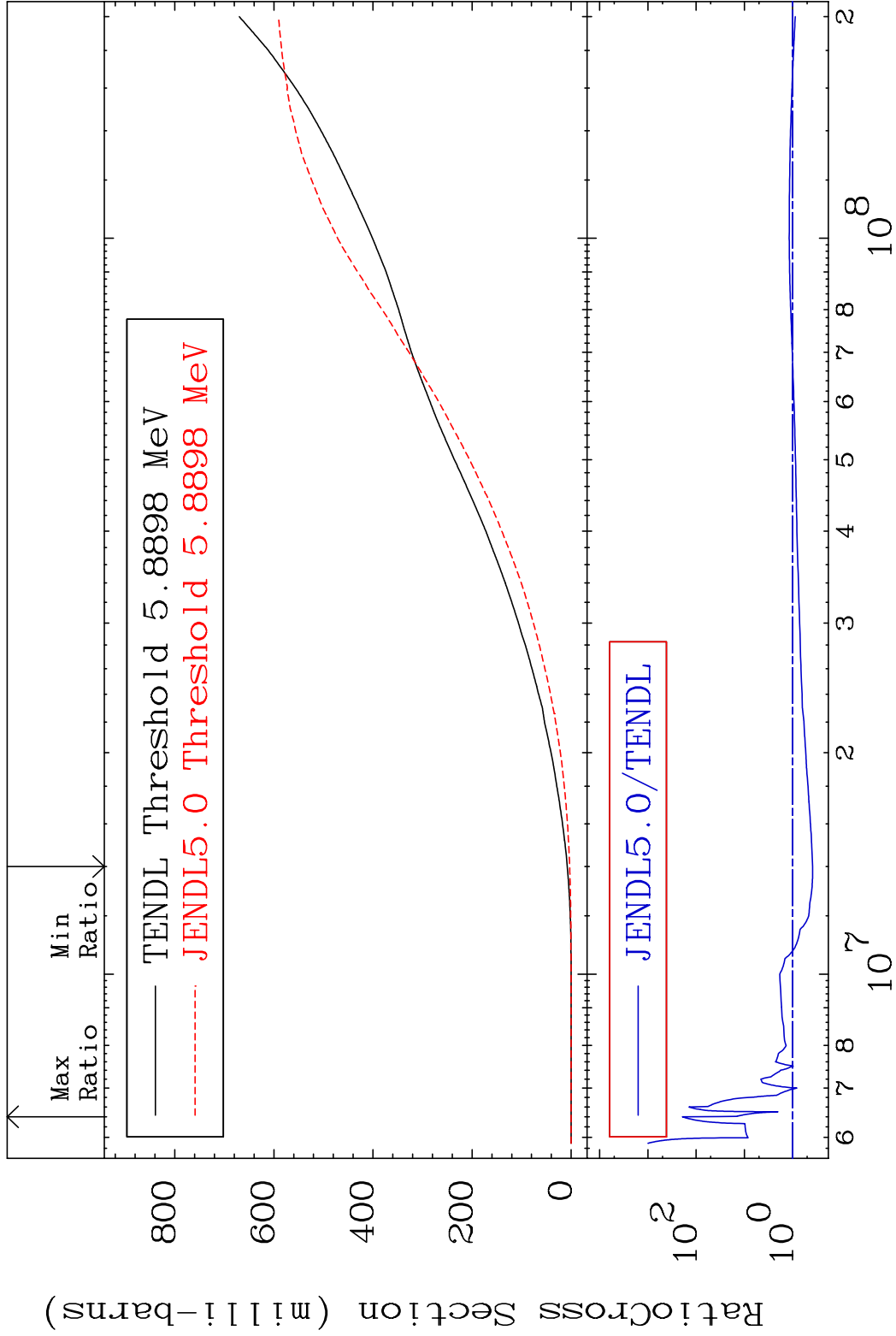




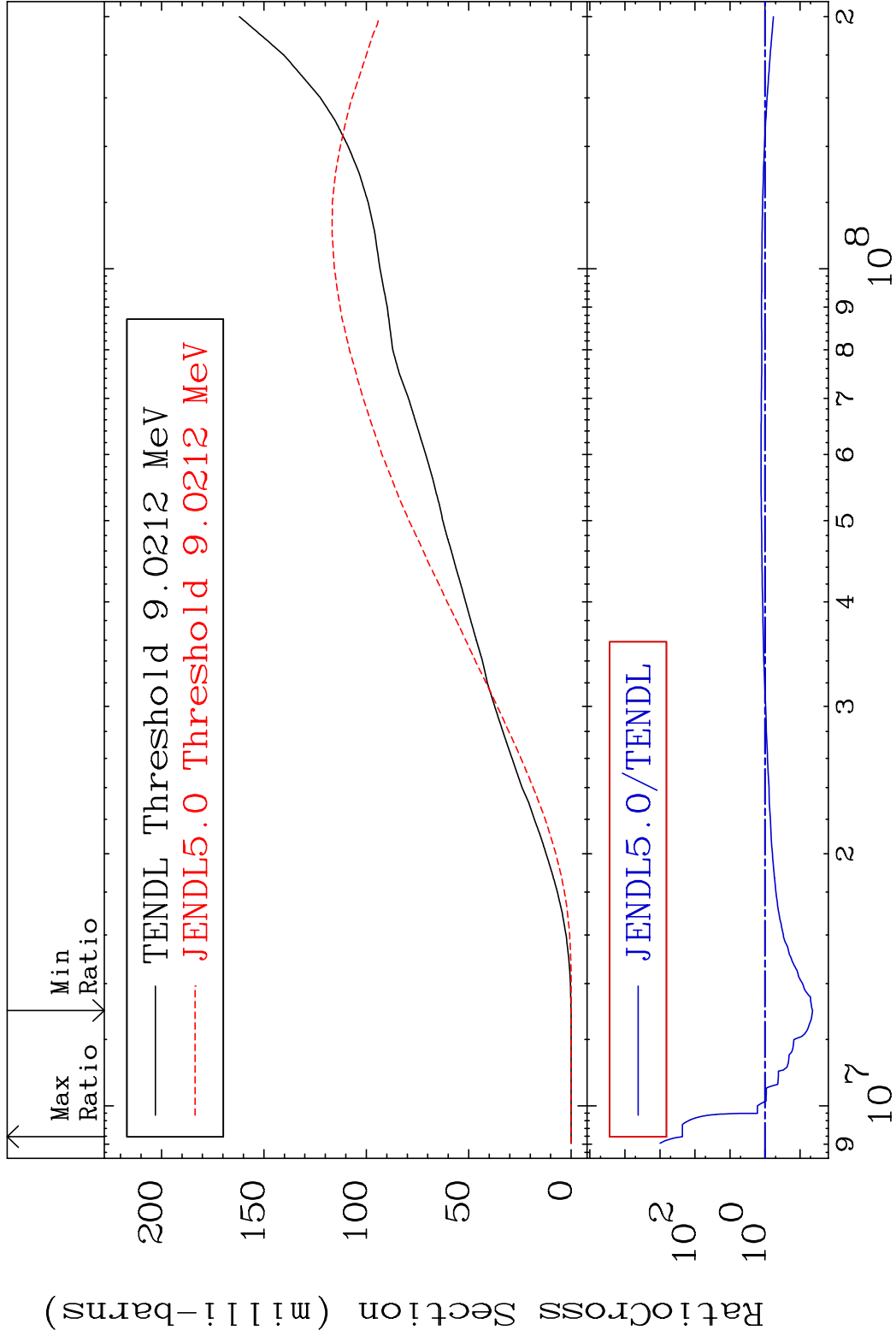




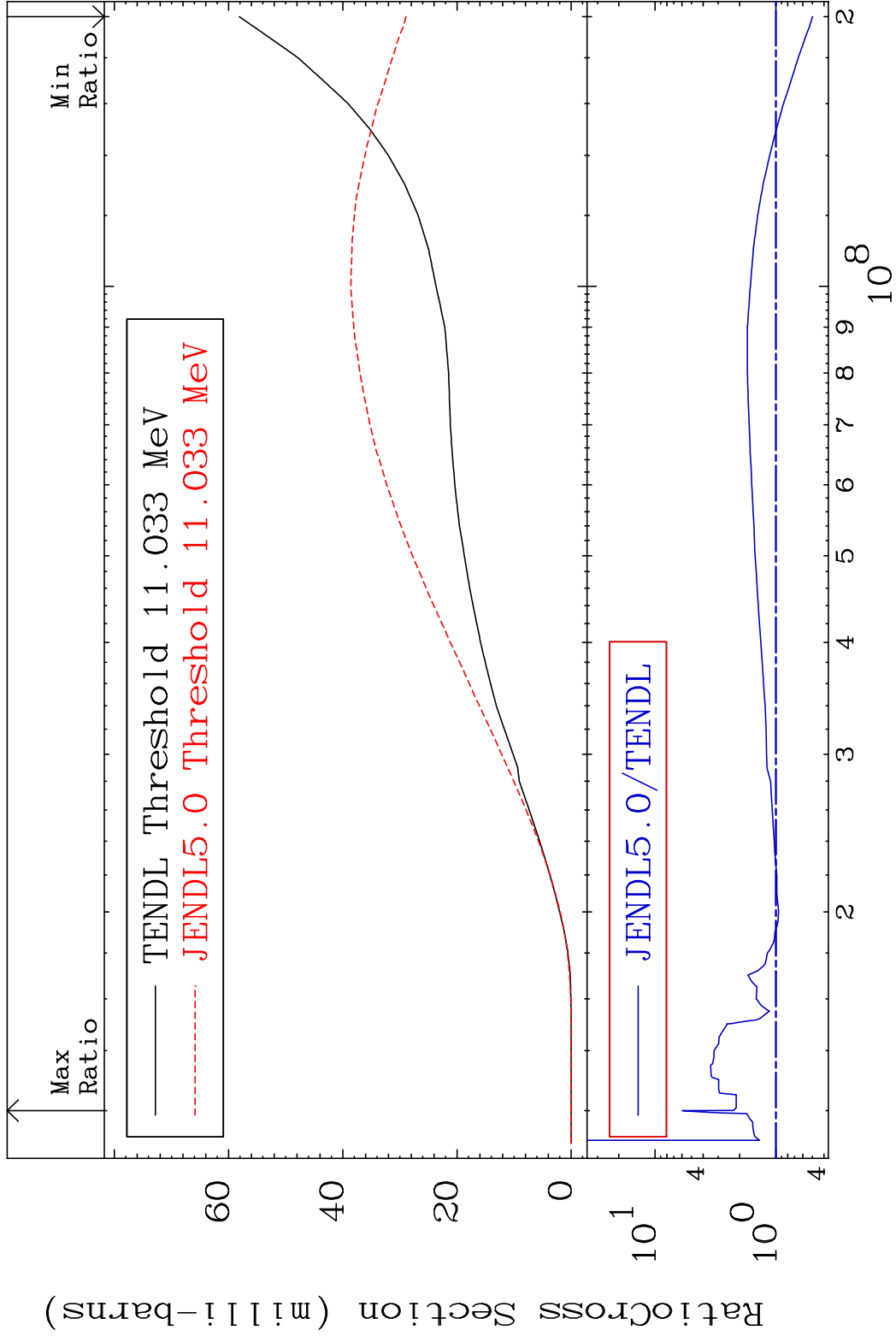


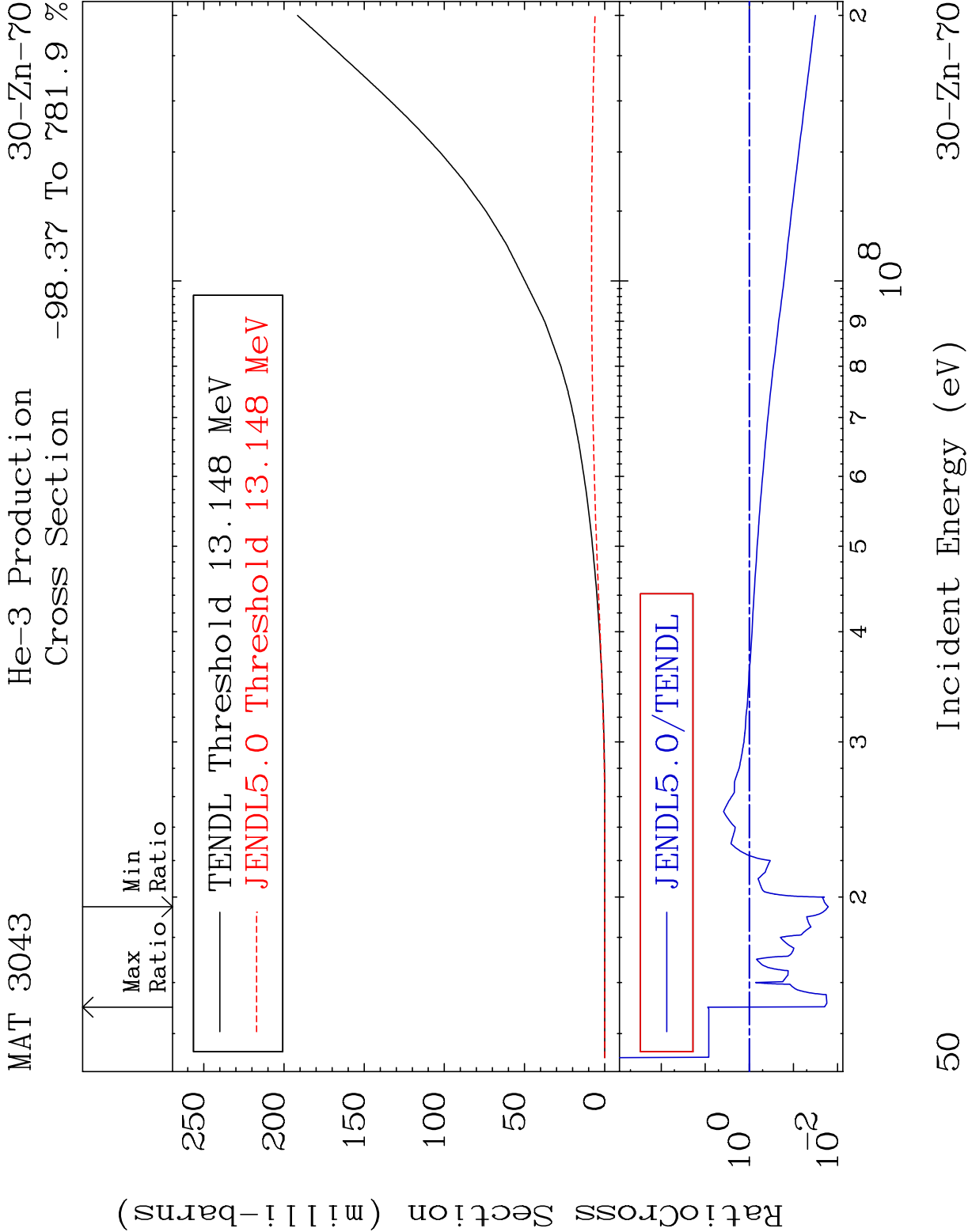


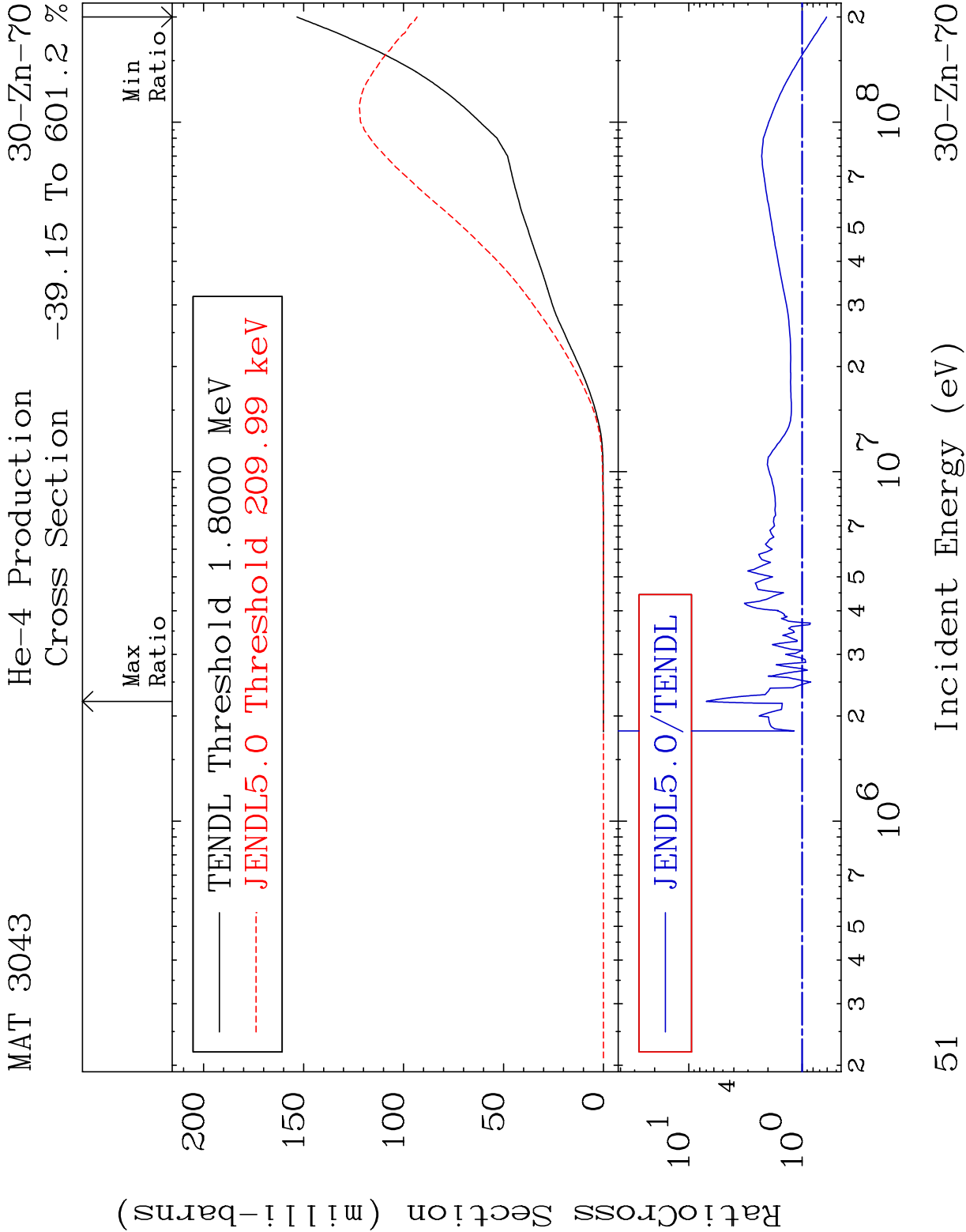
MAT 3043 Deuterium Production 30-Zn-70
Cross Section -95.60 To 9999. %

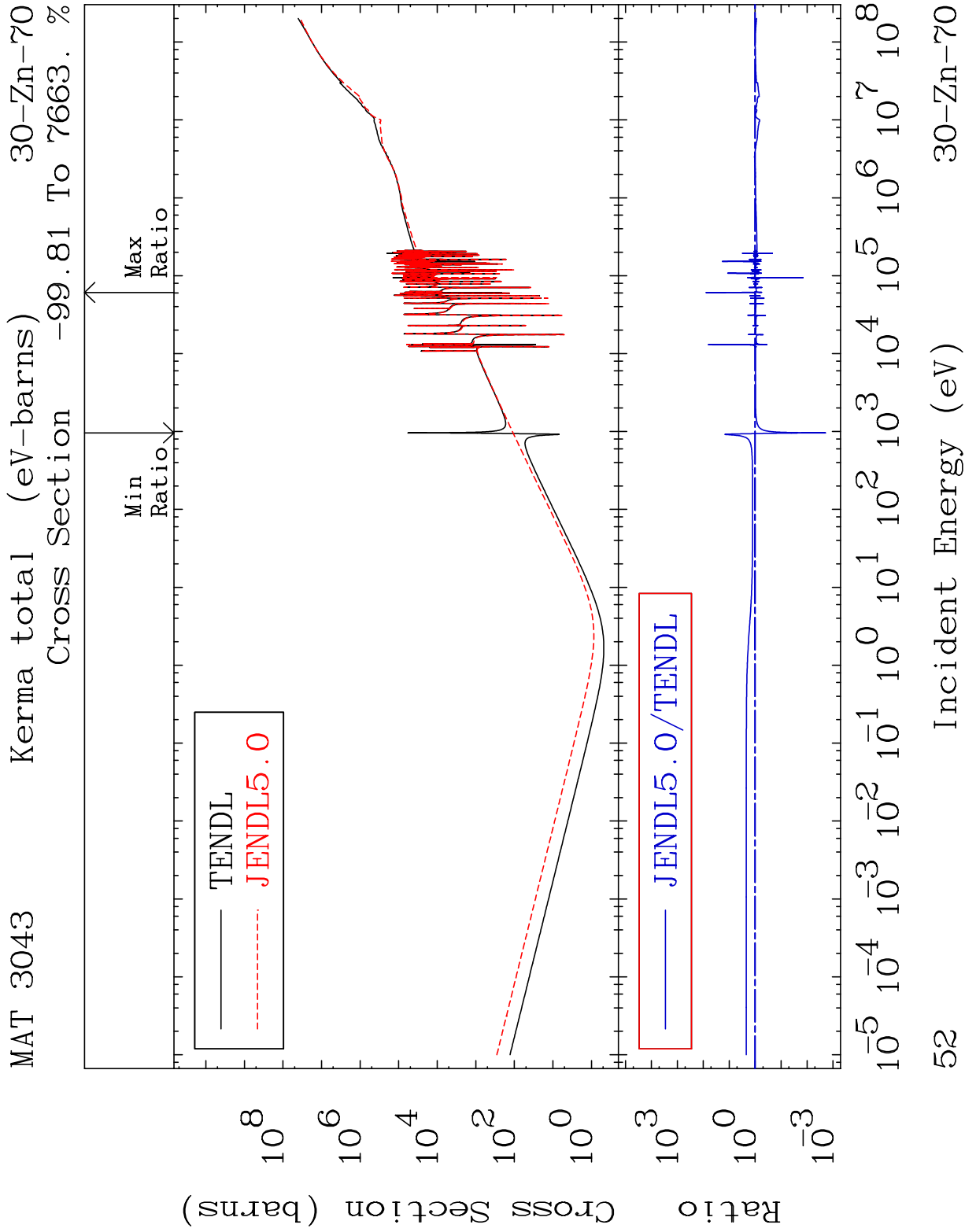


48 Incident Energy (eV) 30-Zn-70









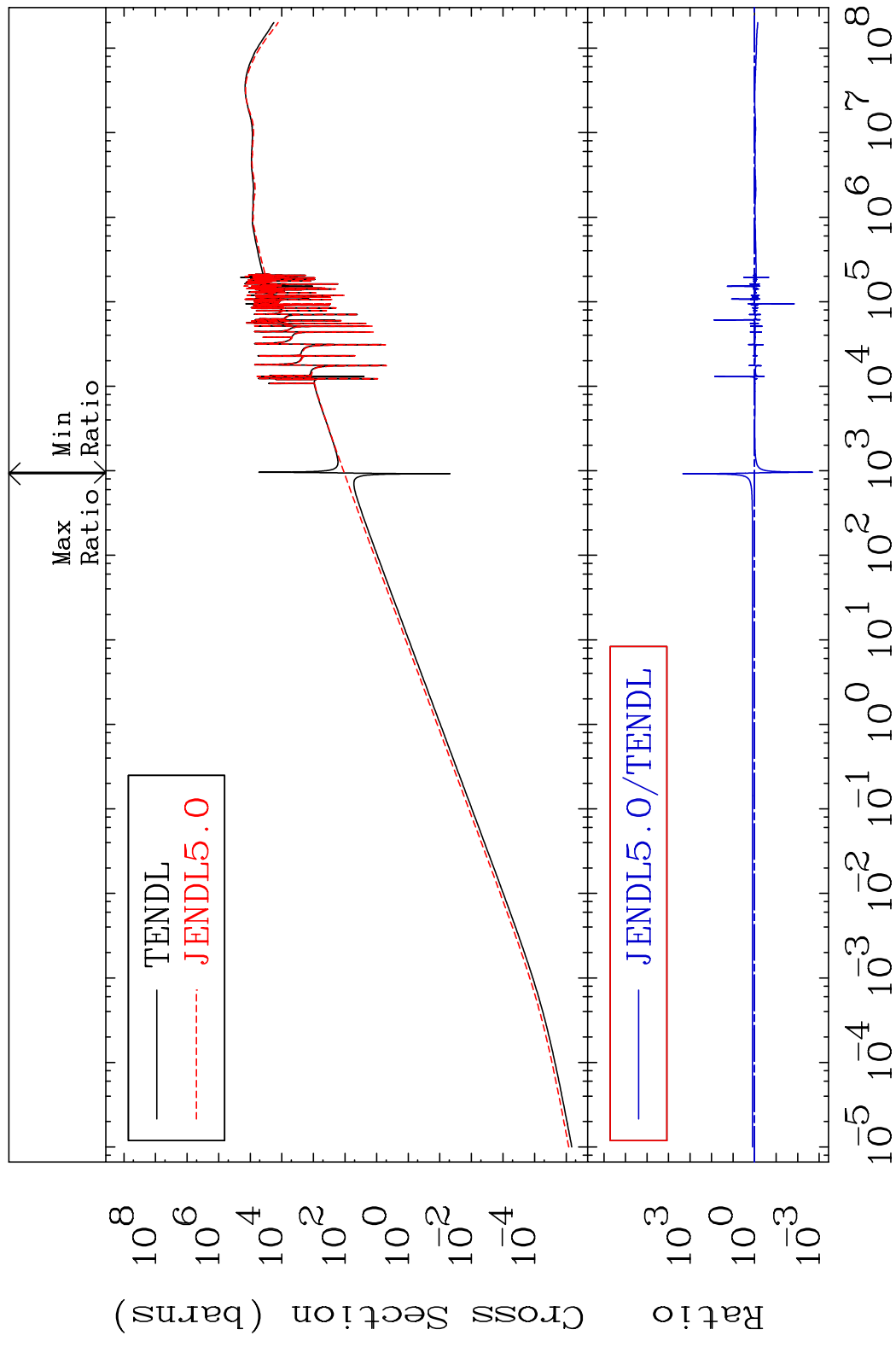
MAT 3043

Kerma elastic

Kerma elastic
30-Zn-70

Cross Section -99.80 To 9999. %

30-Zn-70

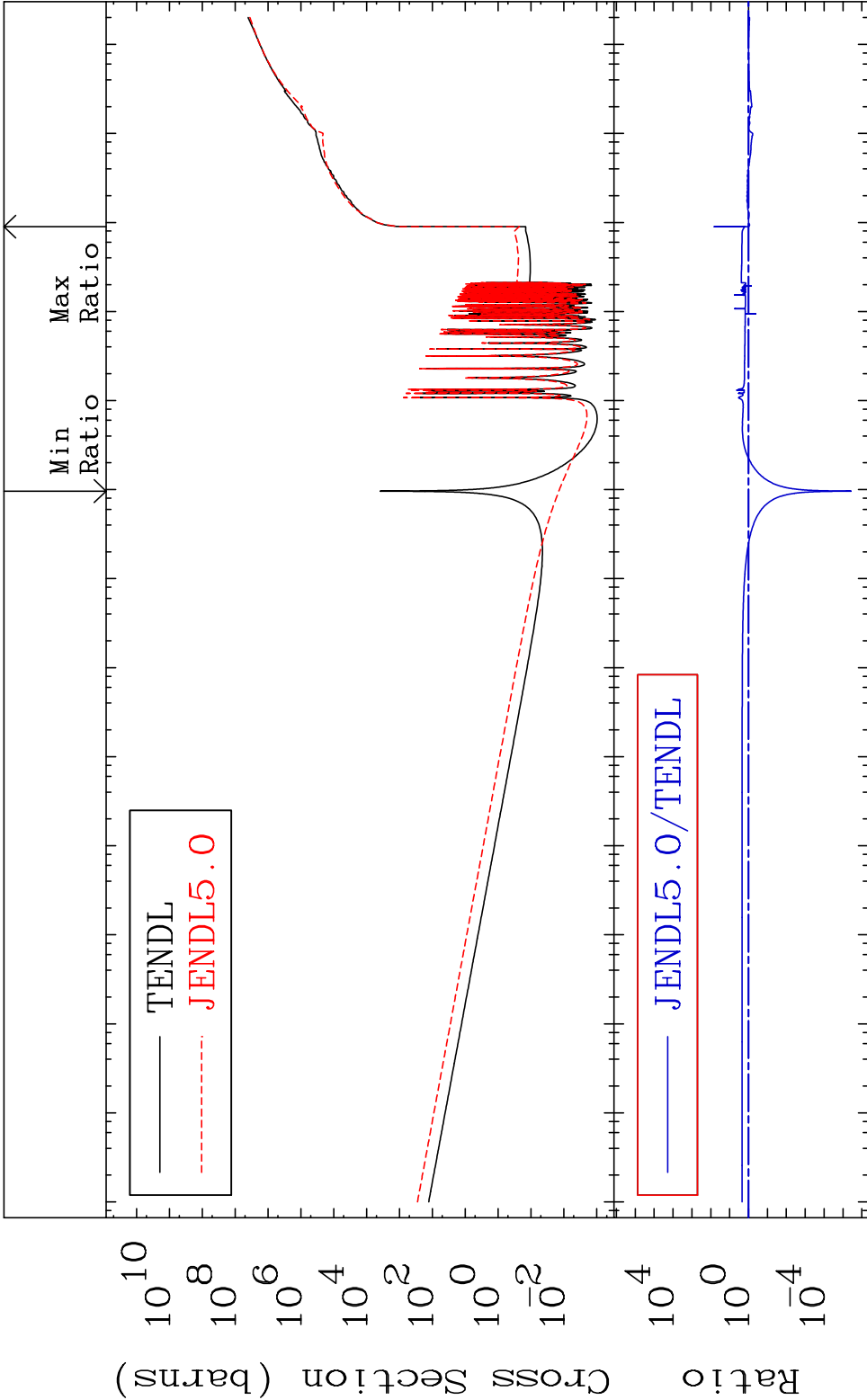


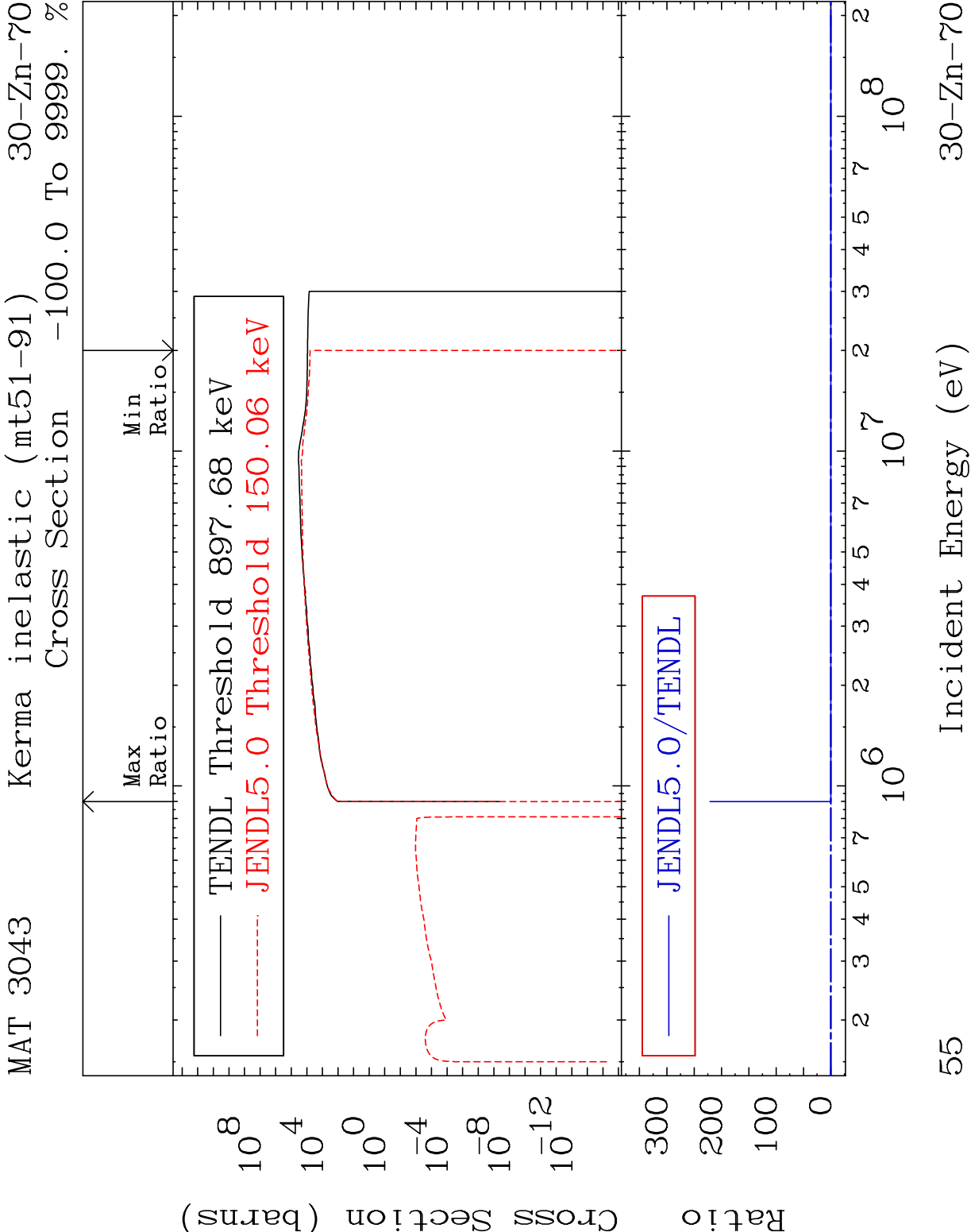
53

Incident Energy (eV)

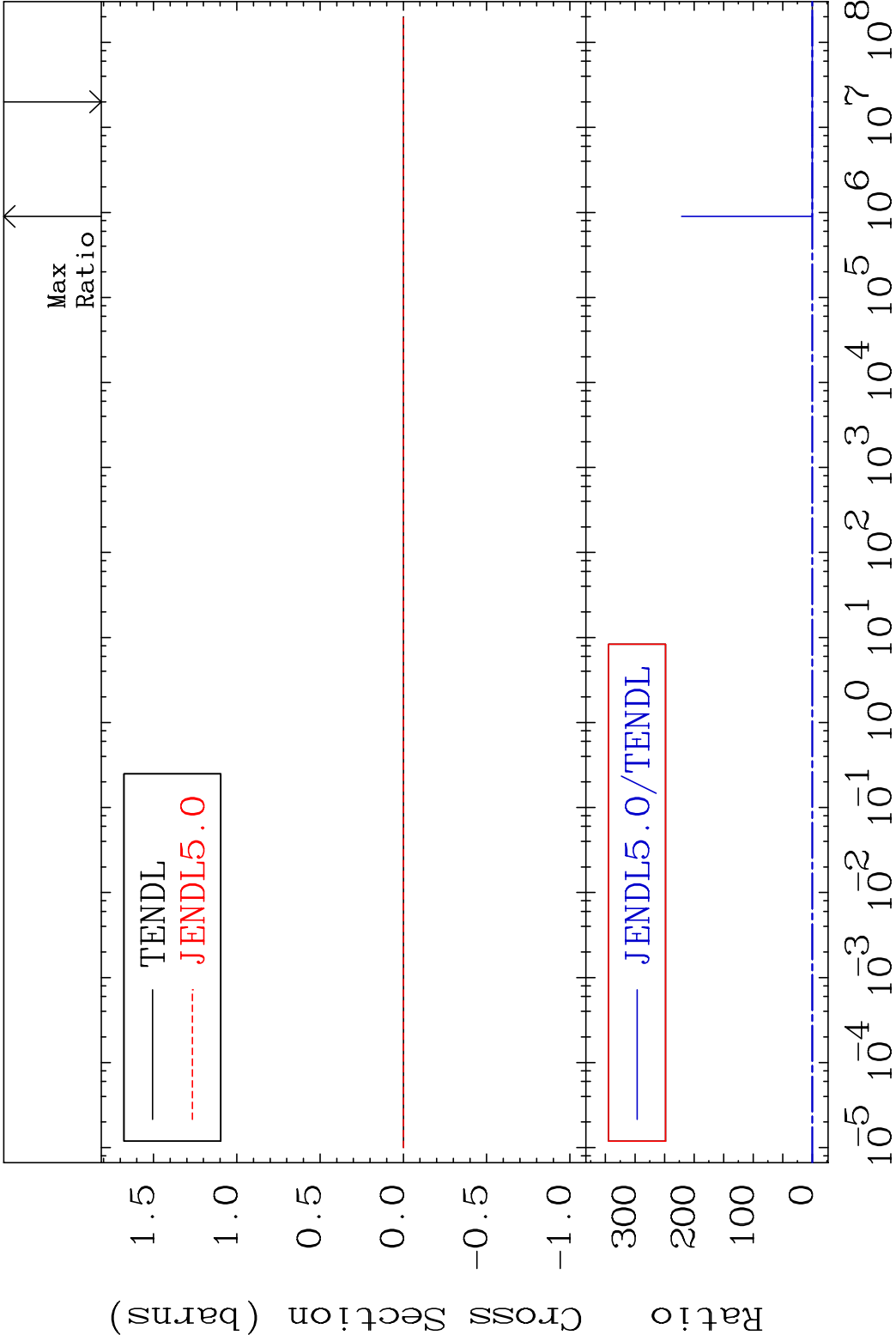
30-Zn-70

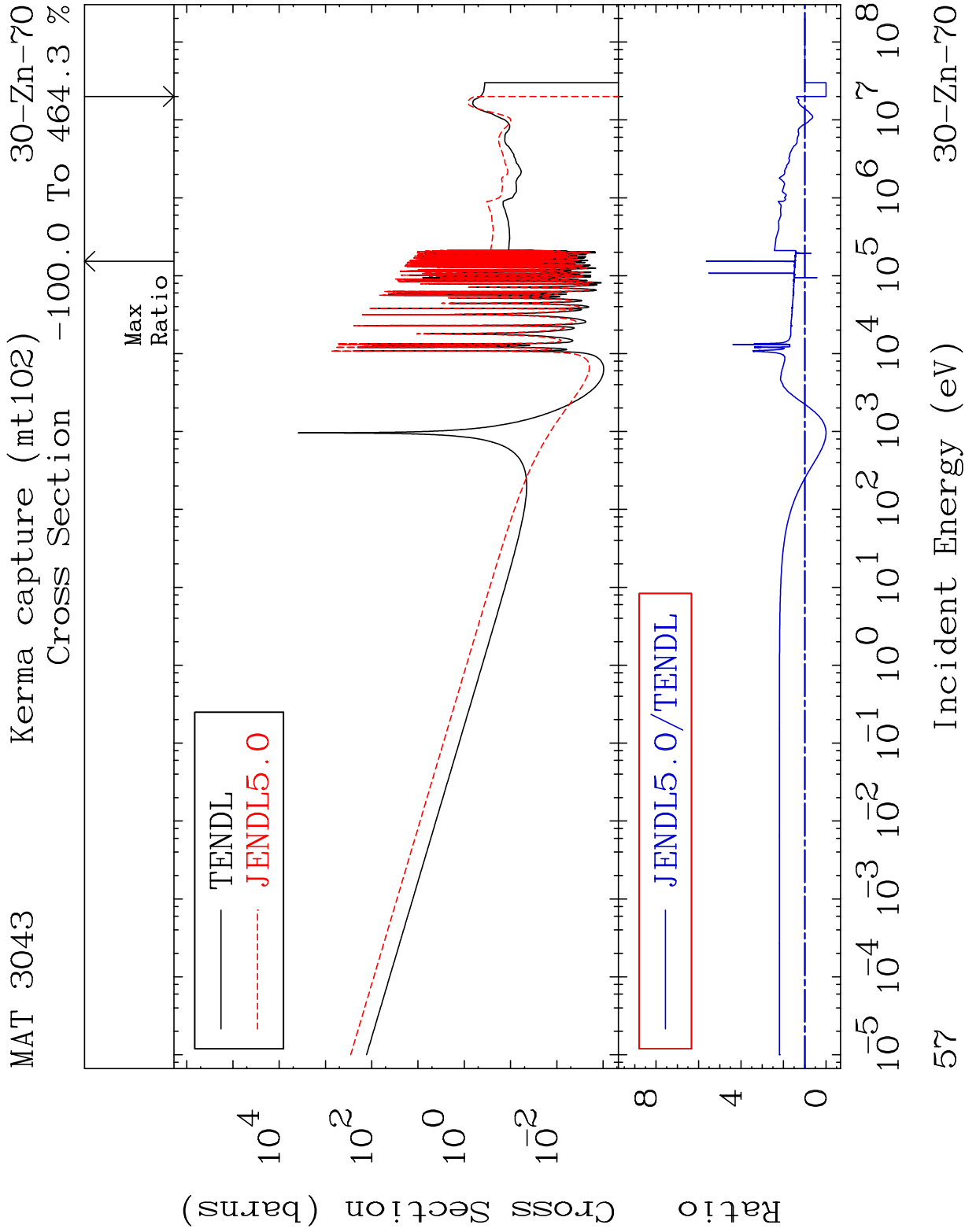
MAT 3043 Kerma non-elastic (all but mt2) 30-Zn-70
Cross Section -100.0 To 6495. %

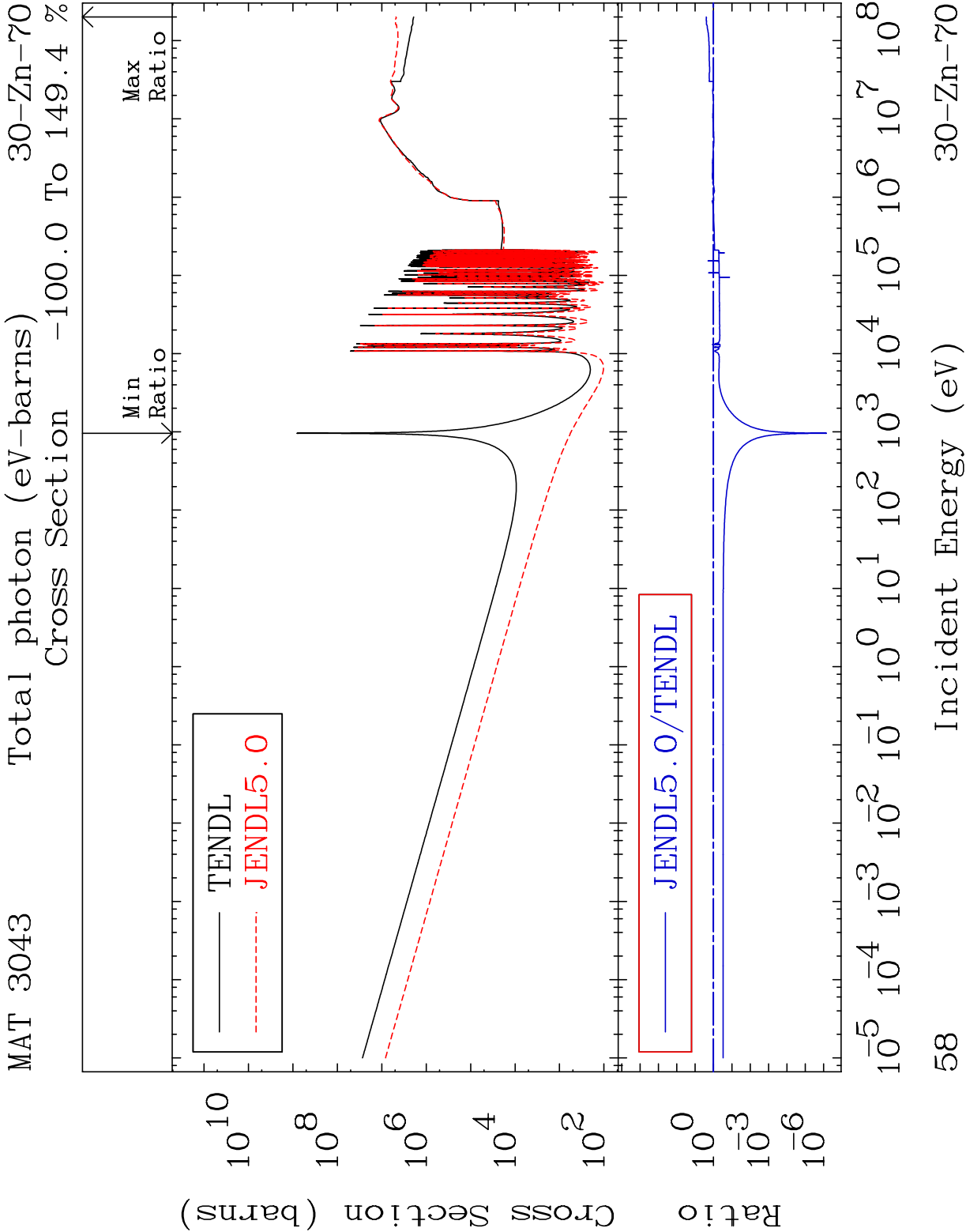




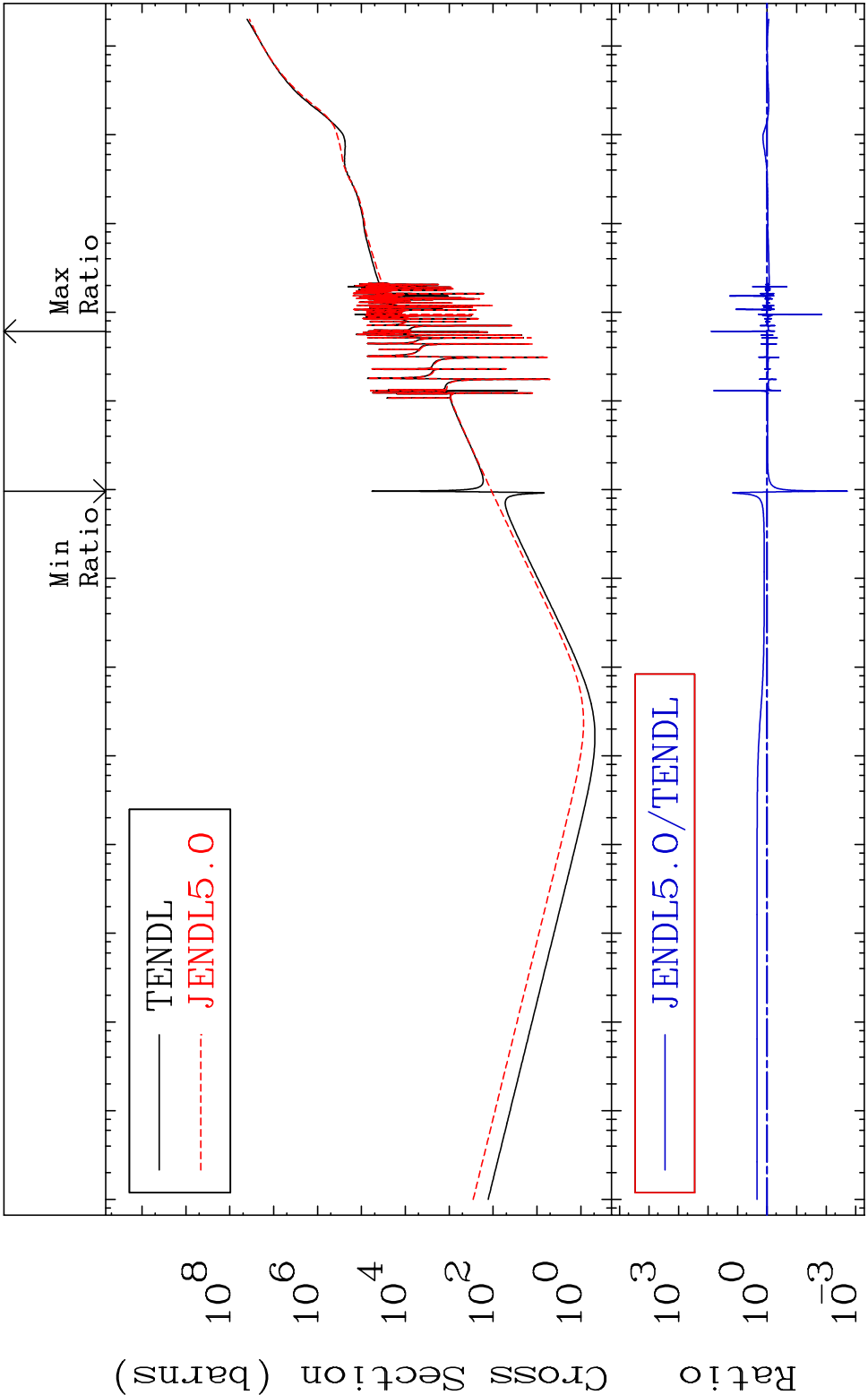
MAT 3043Kerma fission (mt18 or mt19-20-21-38) 30-Zn-70
Cross Section -100.0 To 9999. %

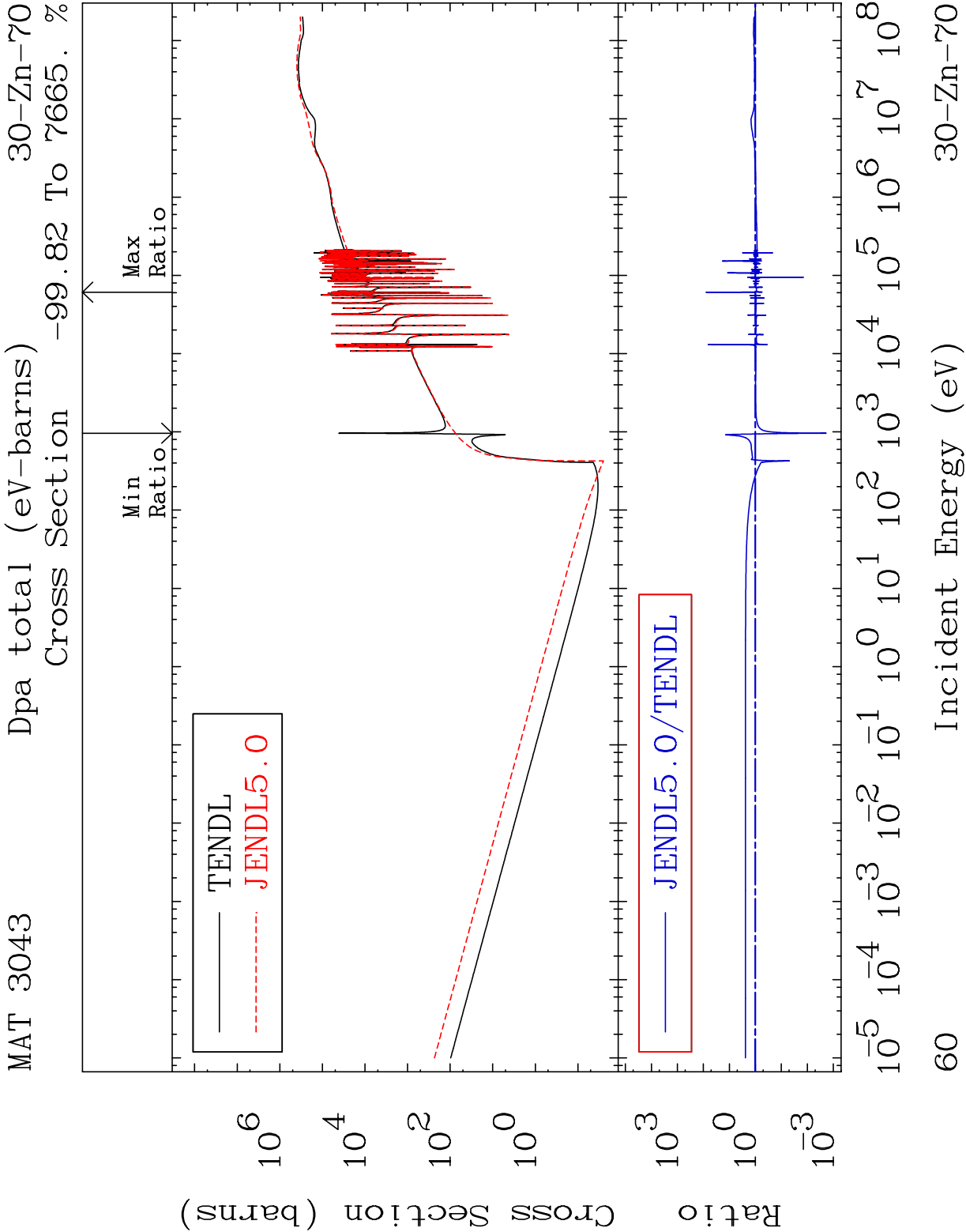




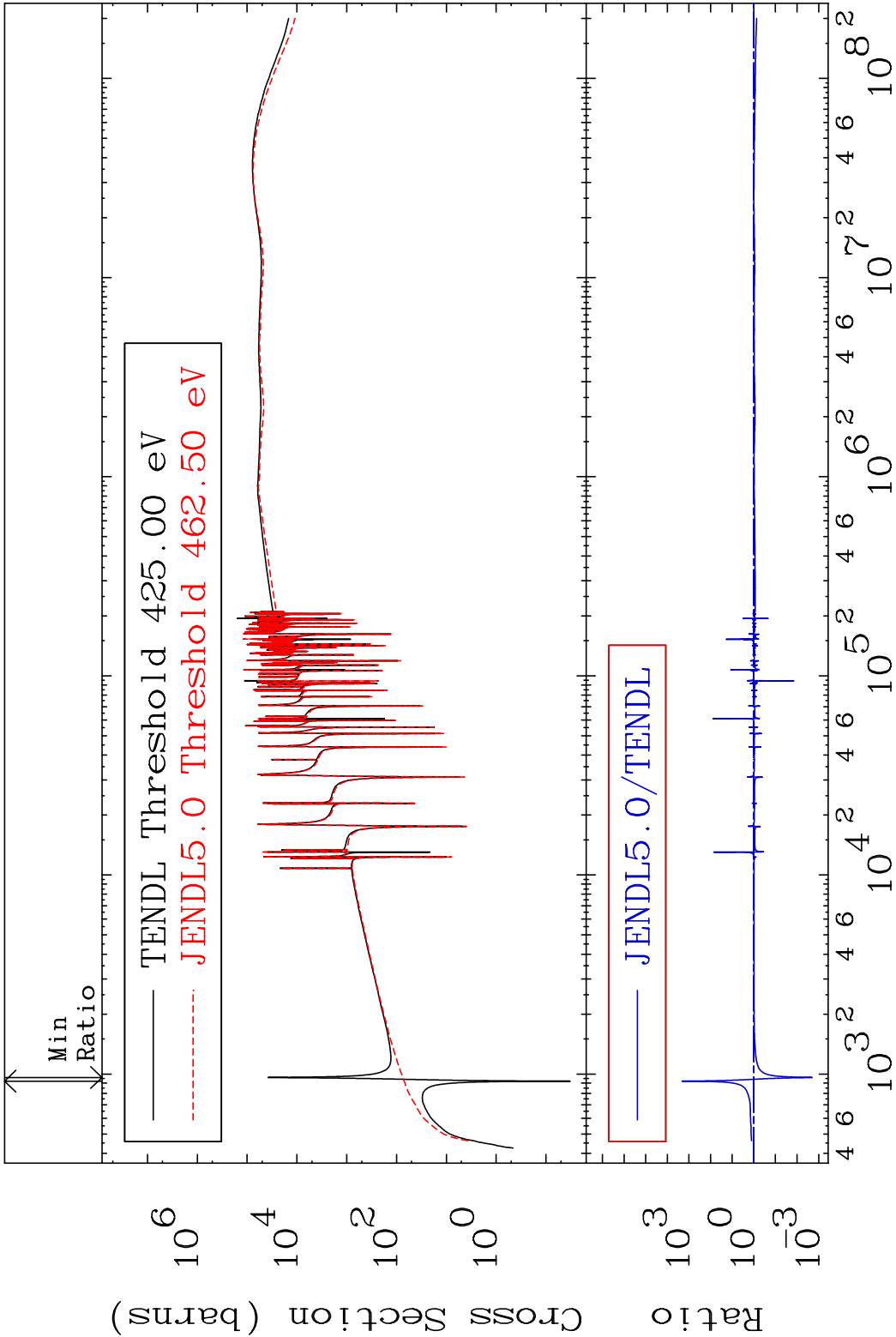


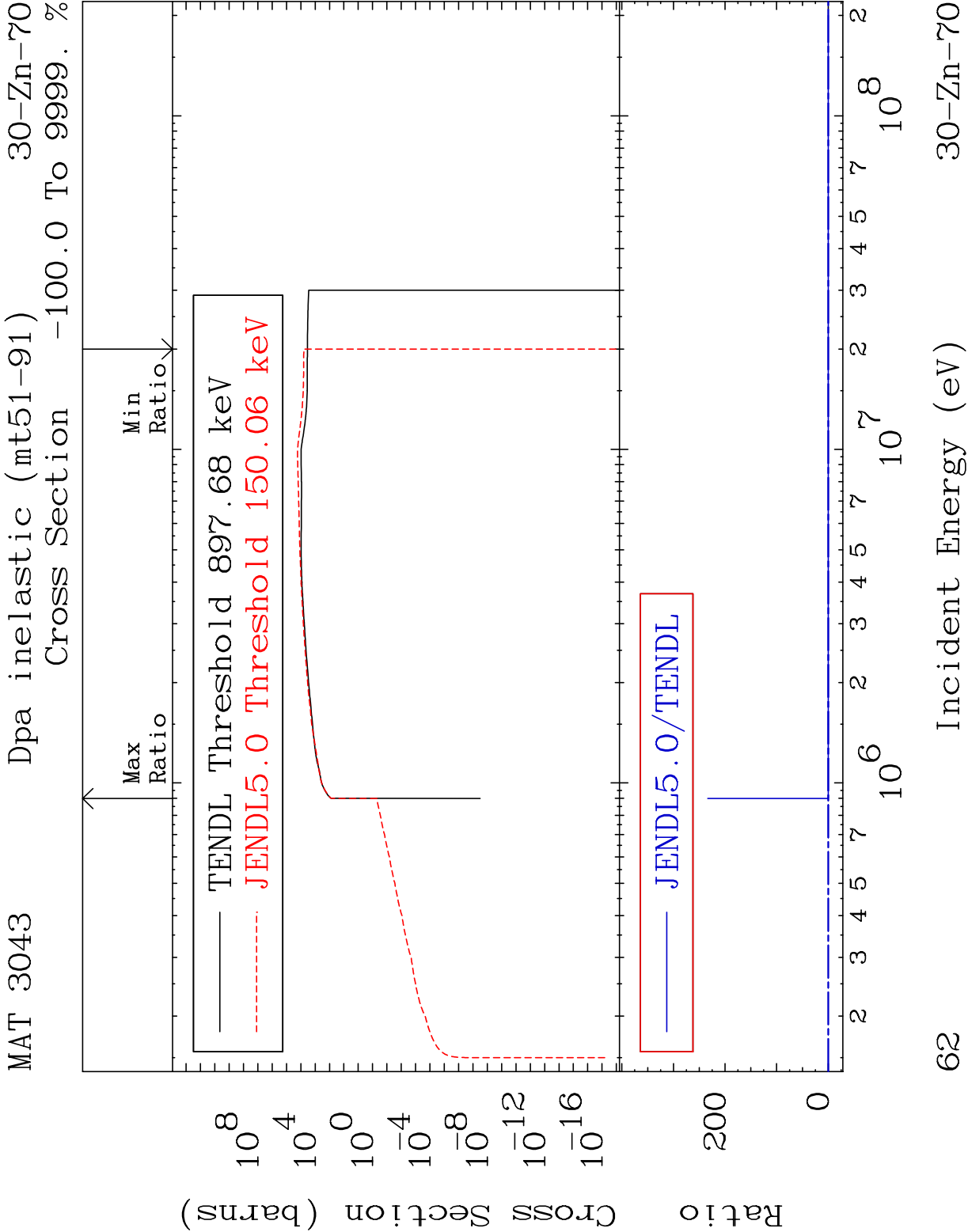
MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
Cross Section -99.81 To 7663. %



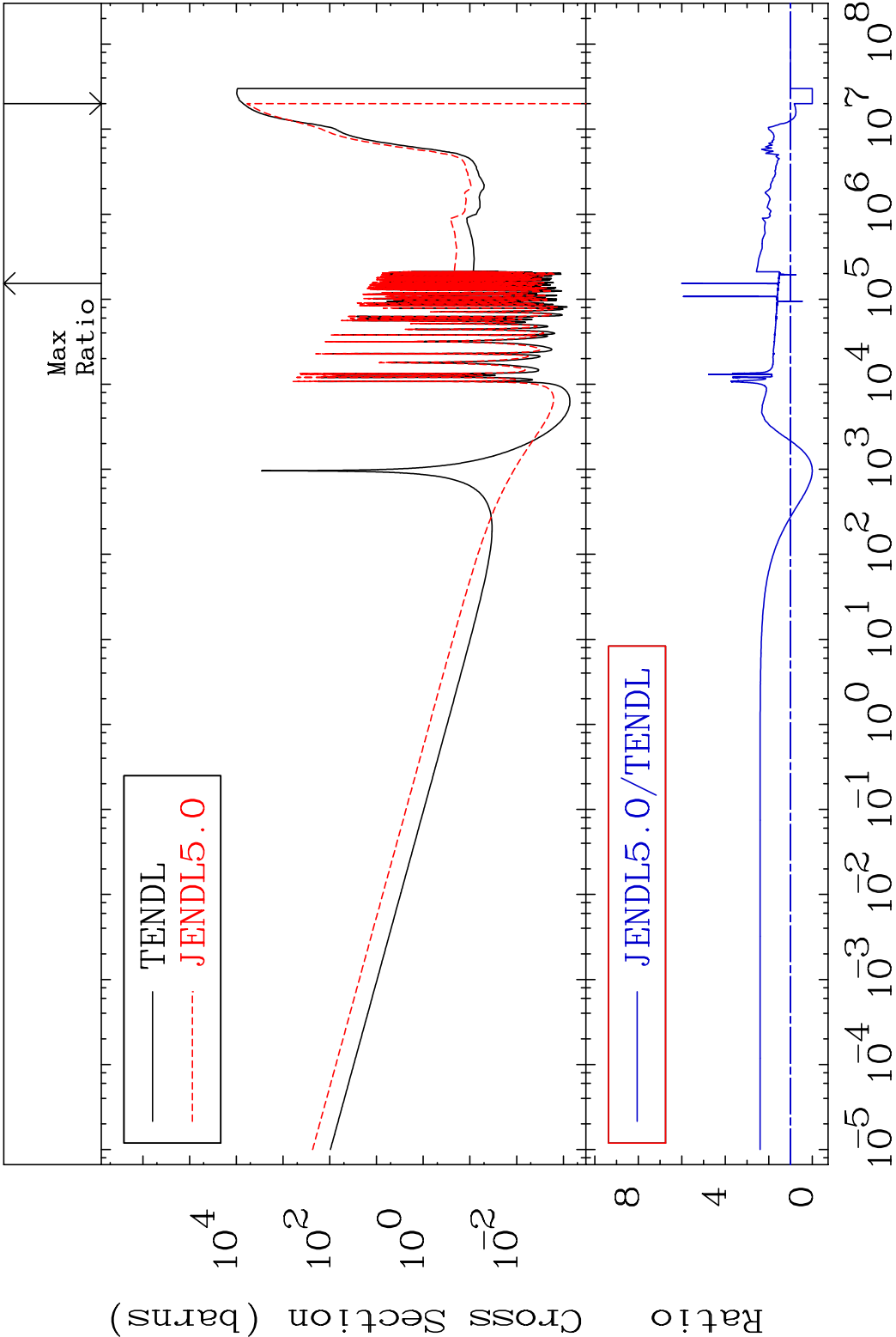


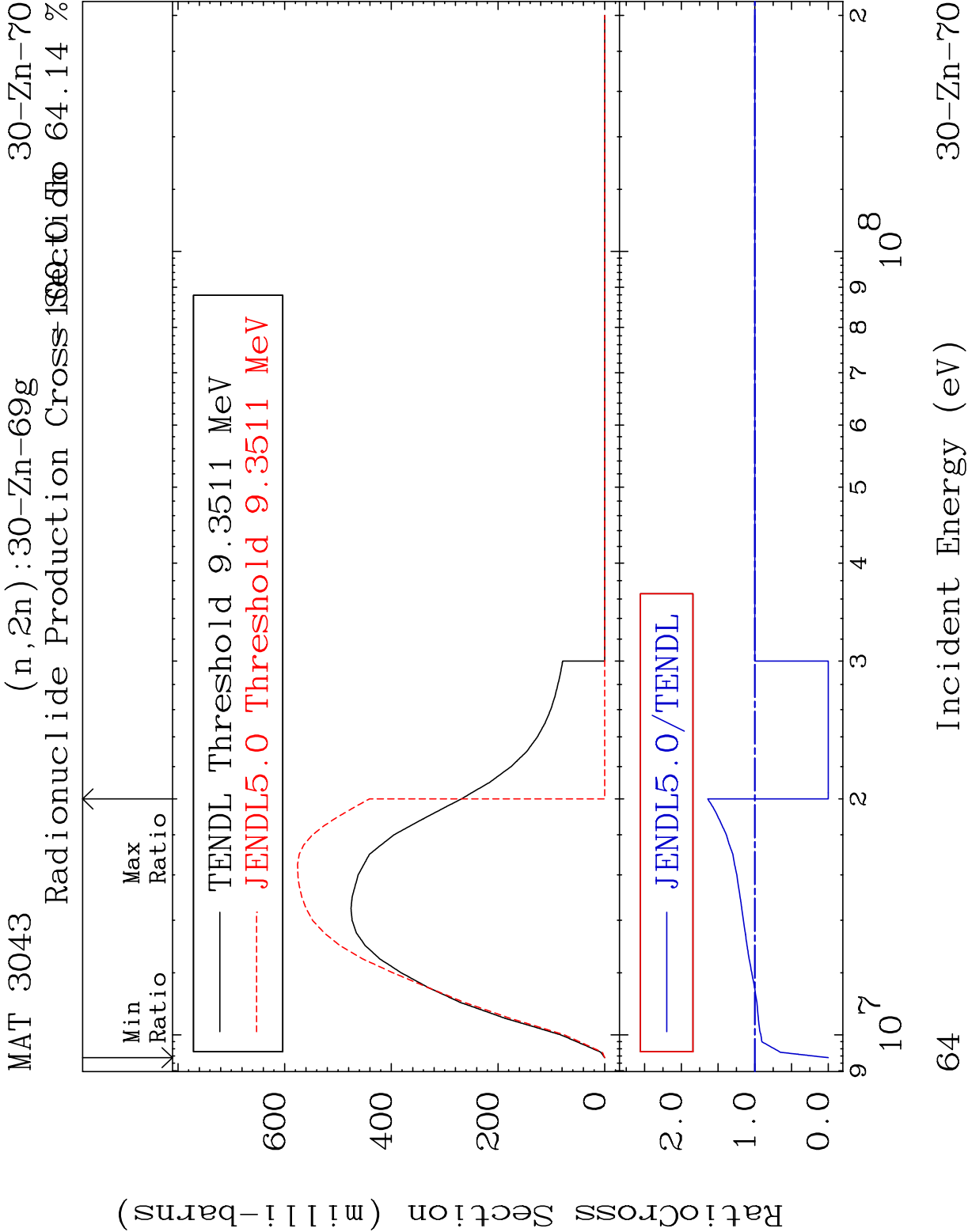
MAT 3043 Dpa elastic (mt2) 30-Zn-70
 Cross Section -99.80 To 9999. %

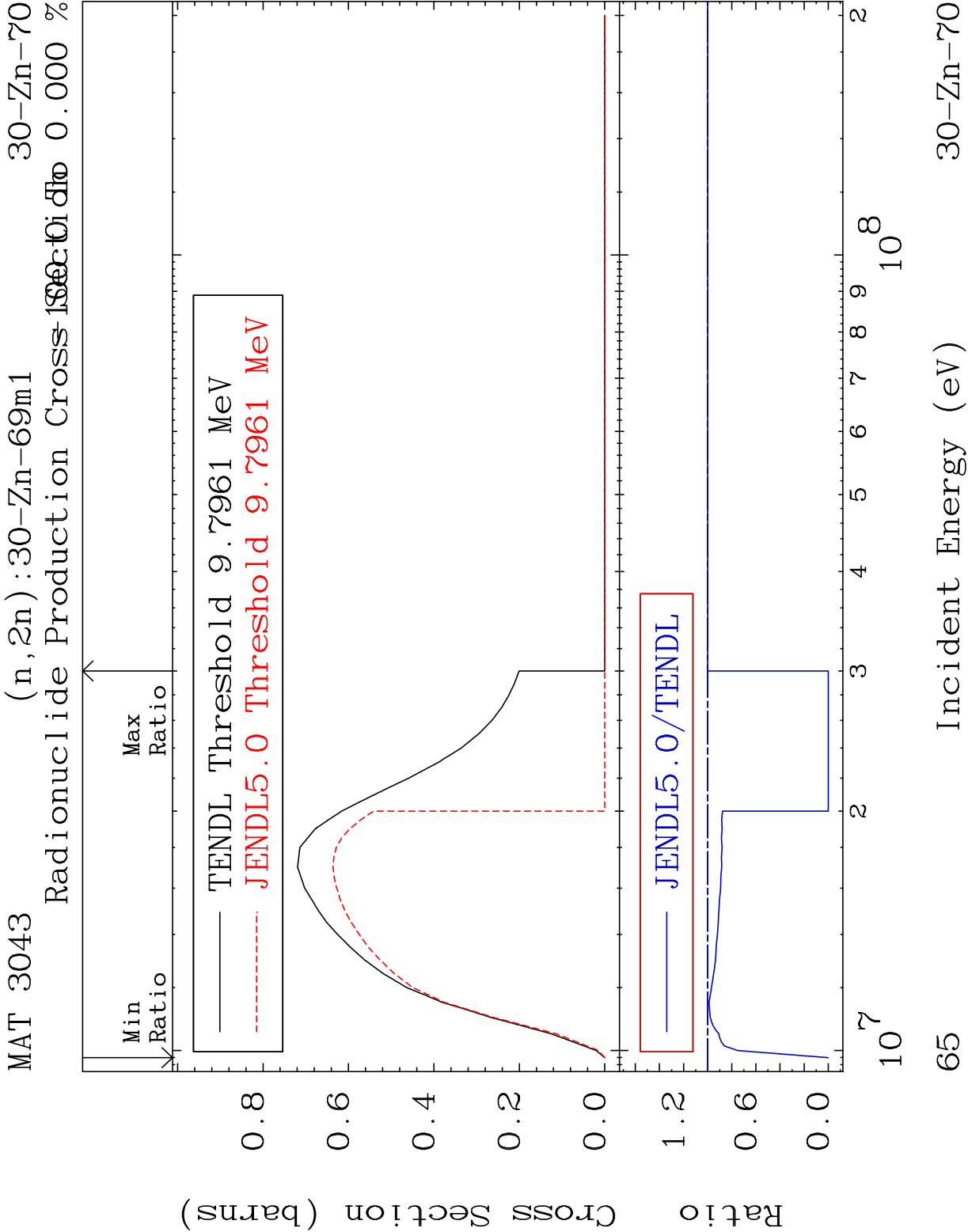


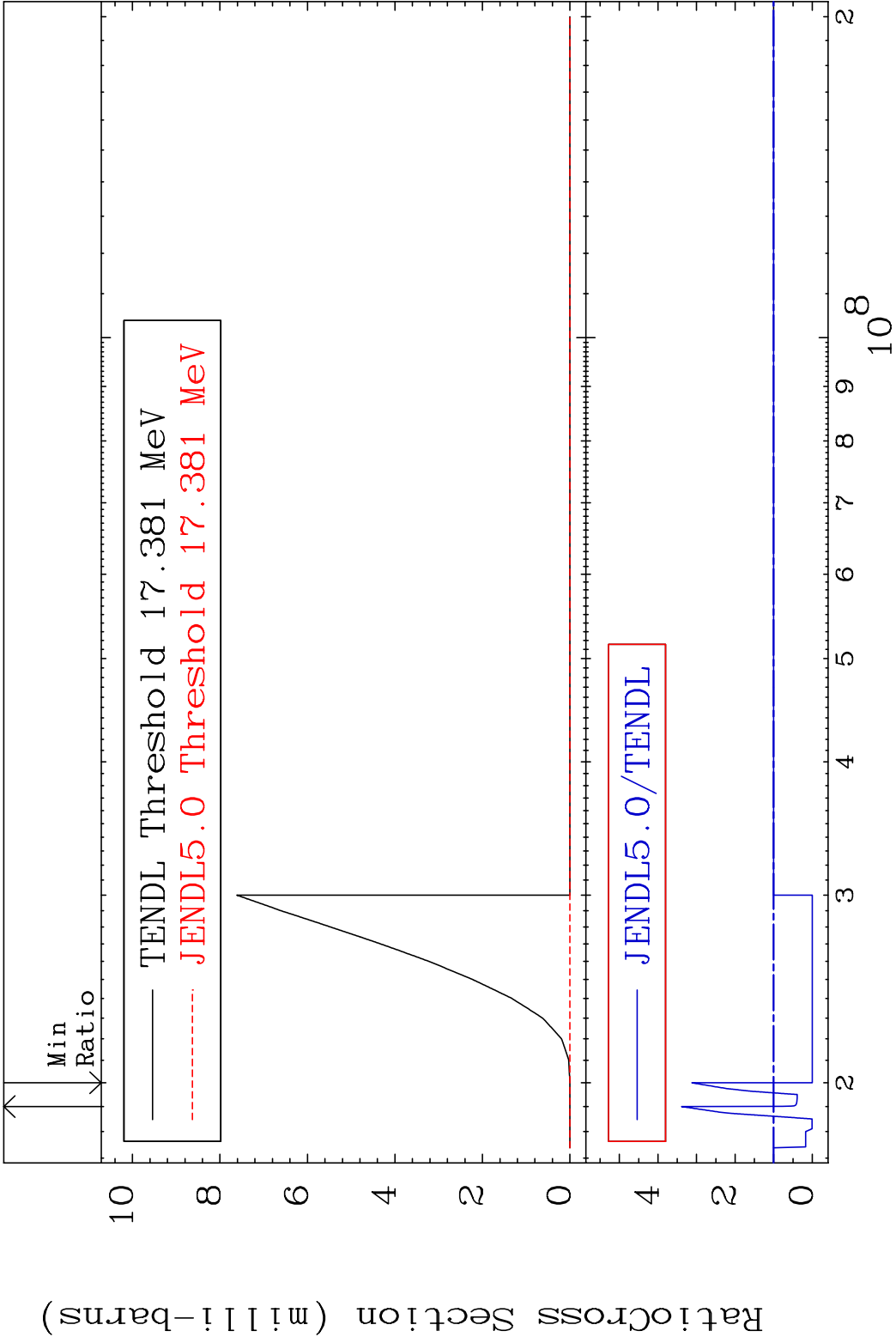


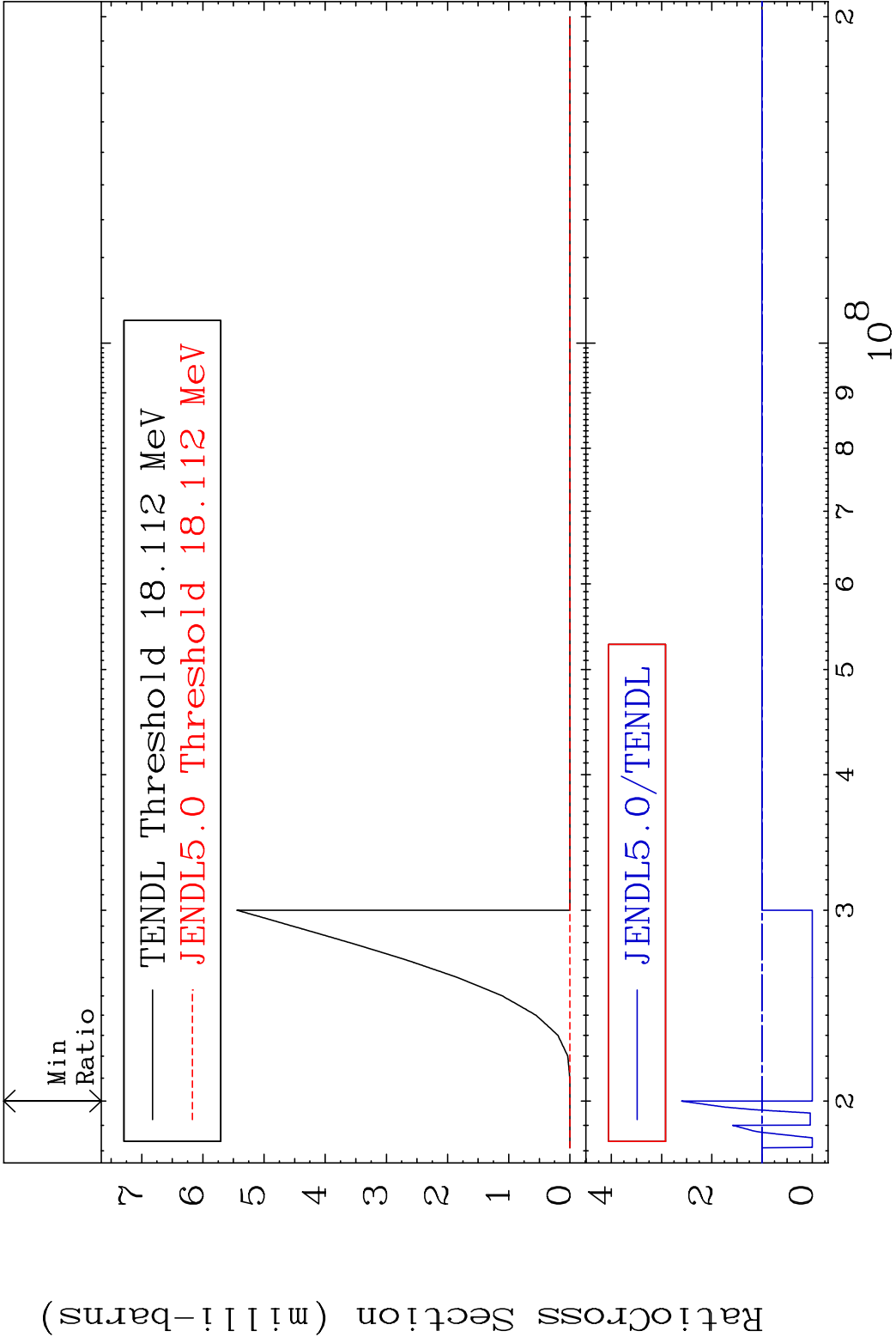
MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70
Cross Section -100.0 To 501.1 %

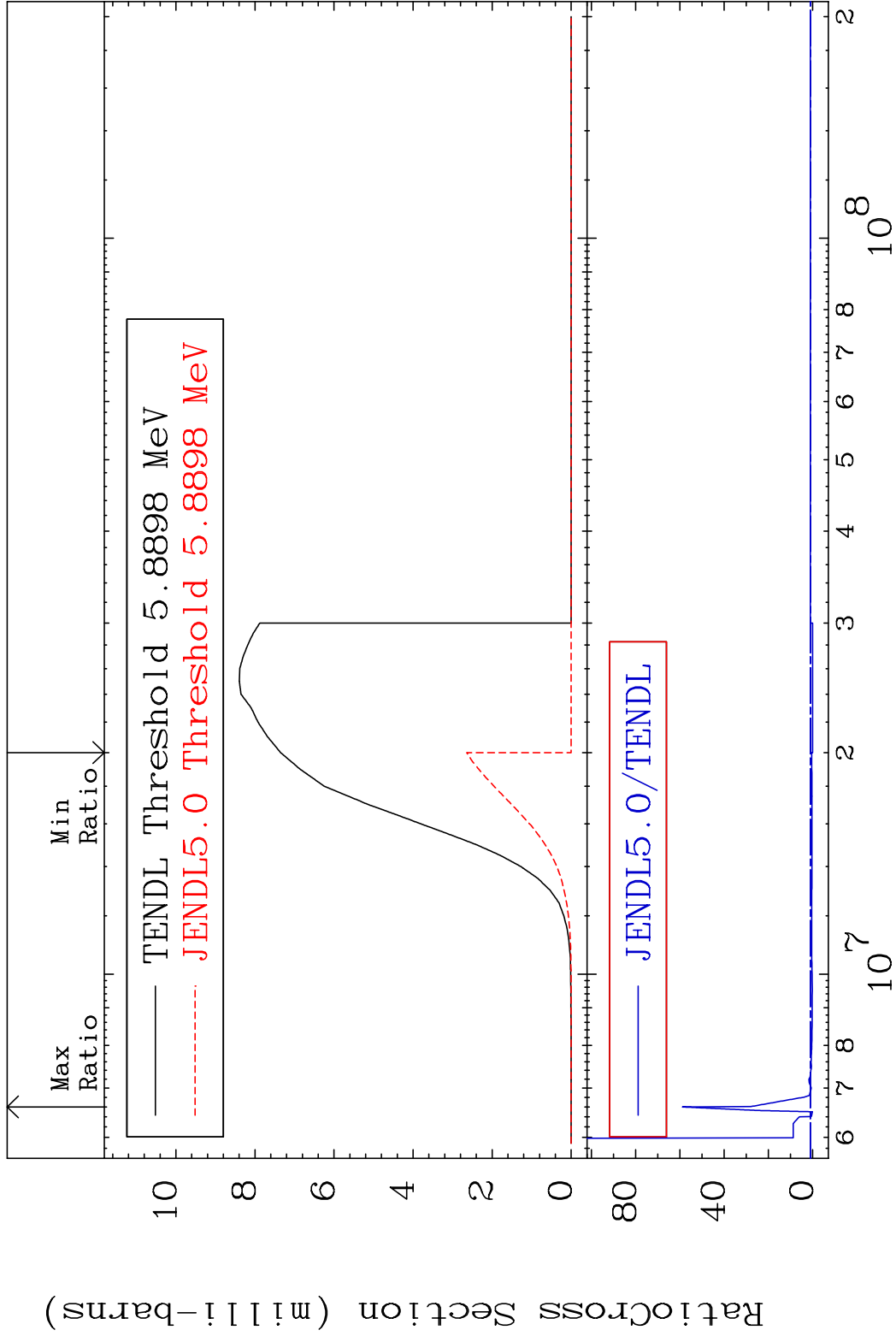


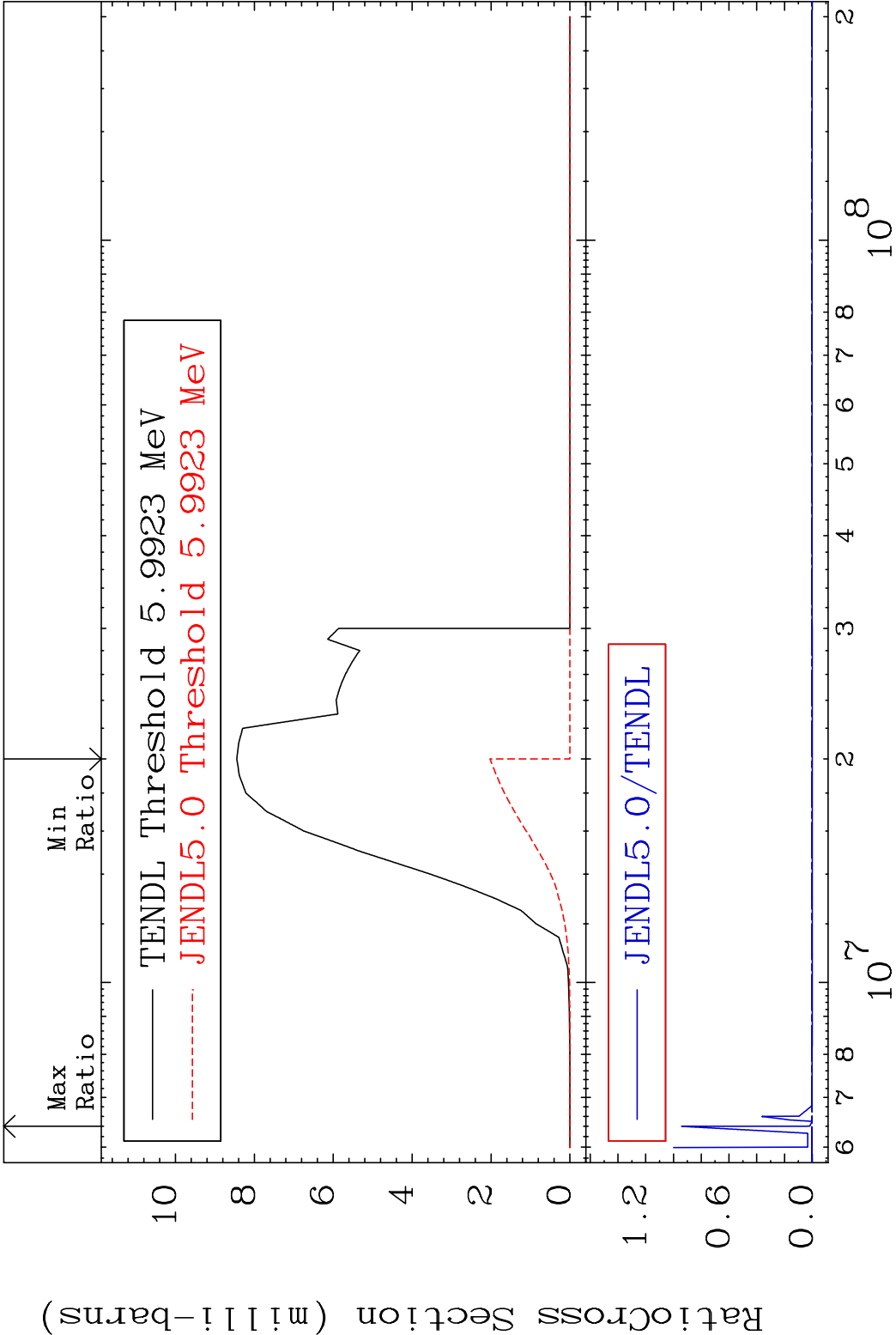










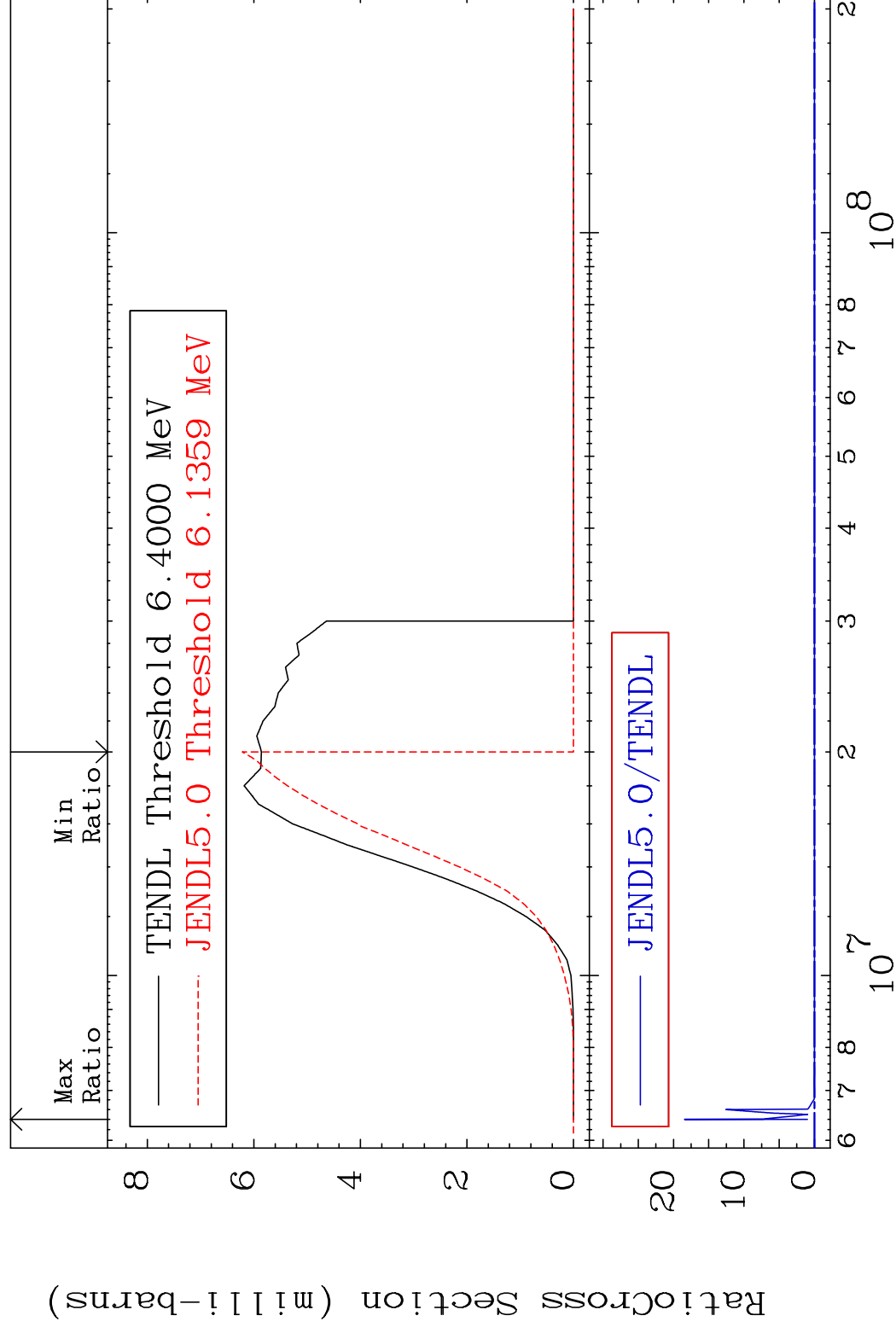


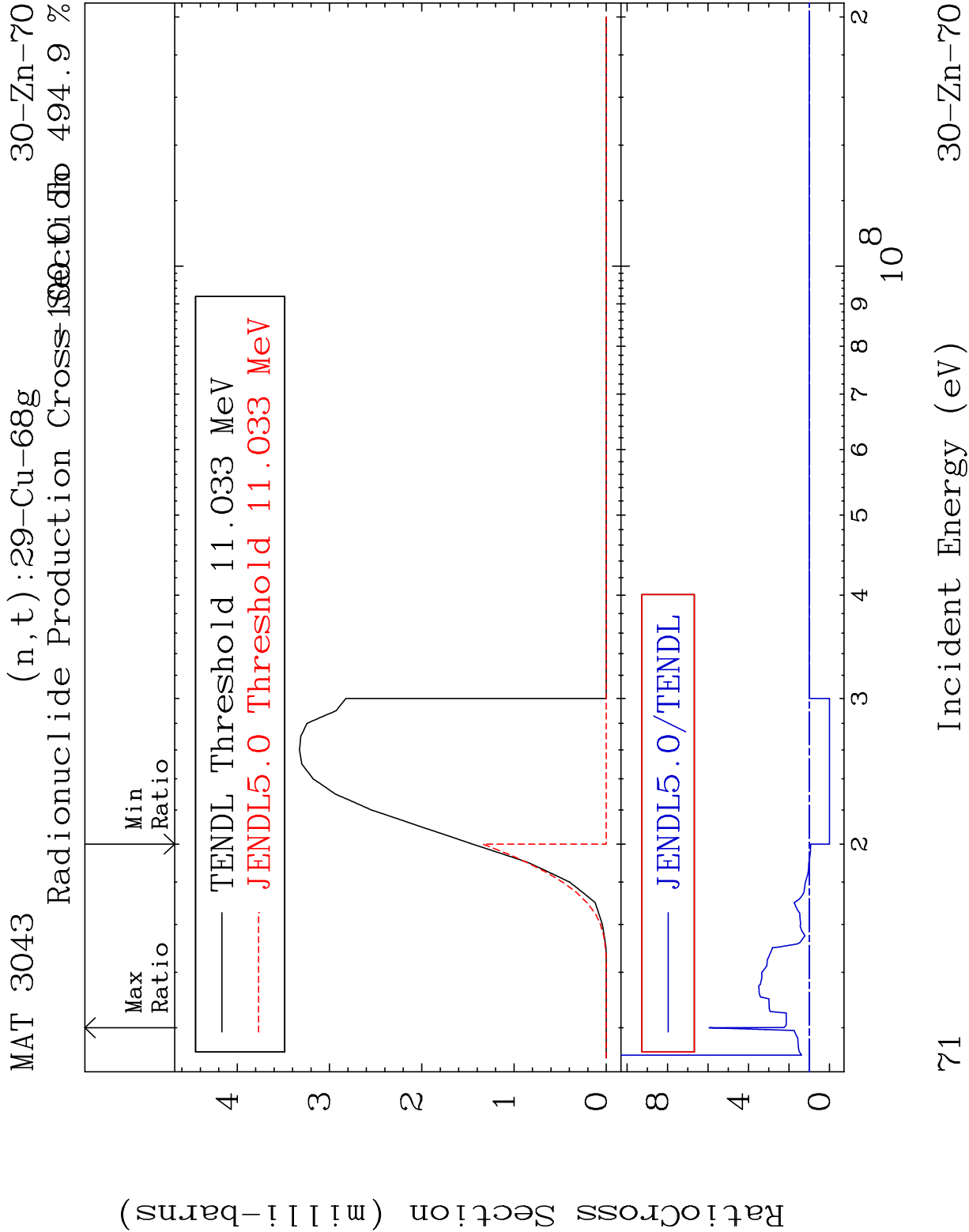
MAT 3043

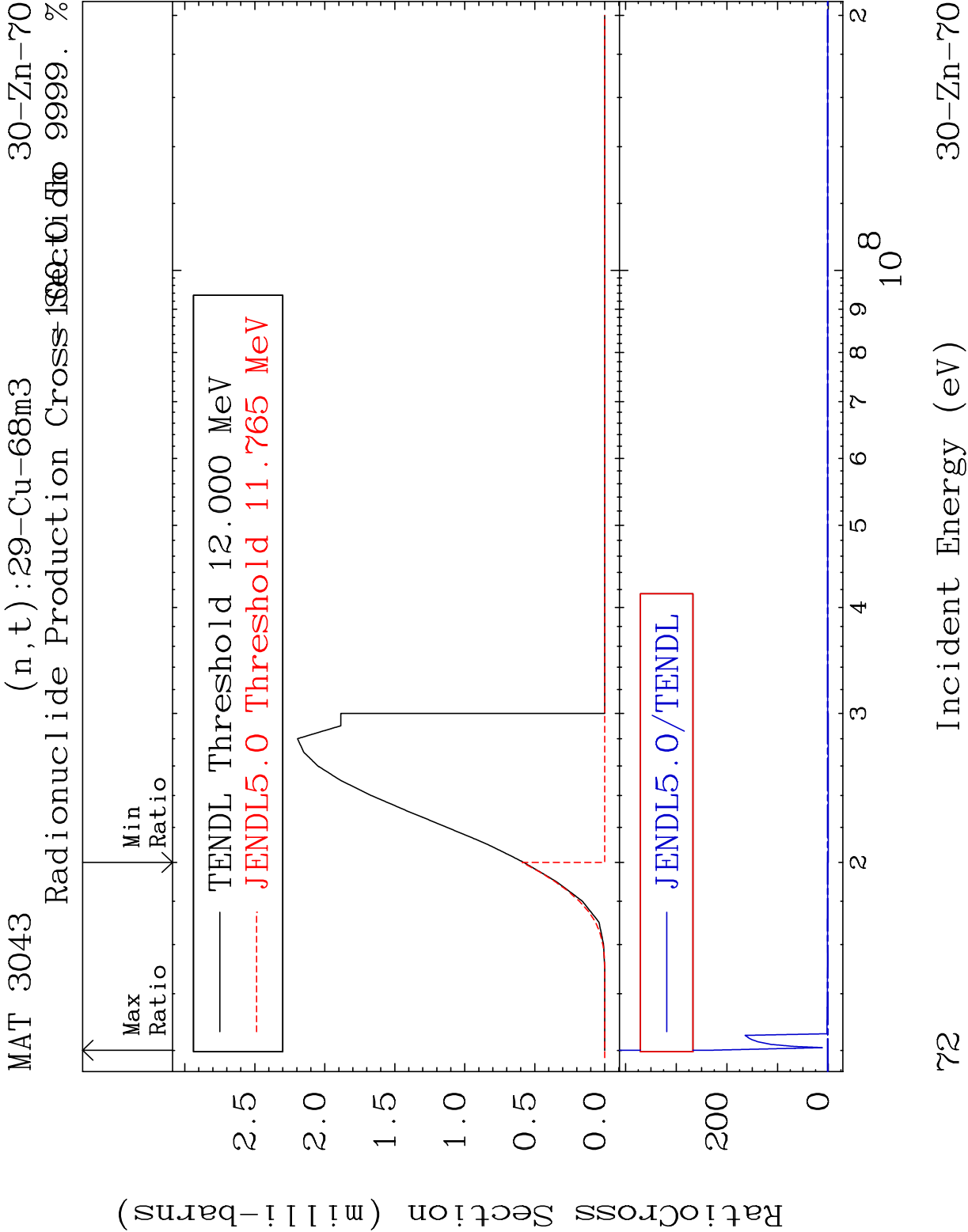
$$(n, p): 29\text{-Cu-}^{70}\text{m3}$$

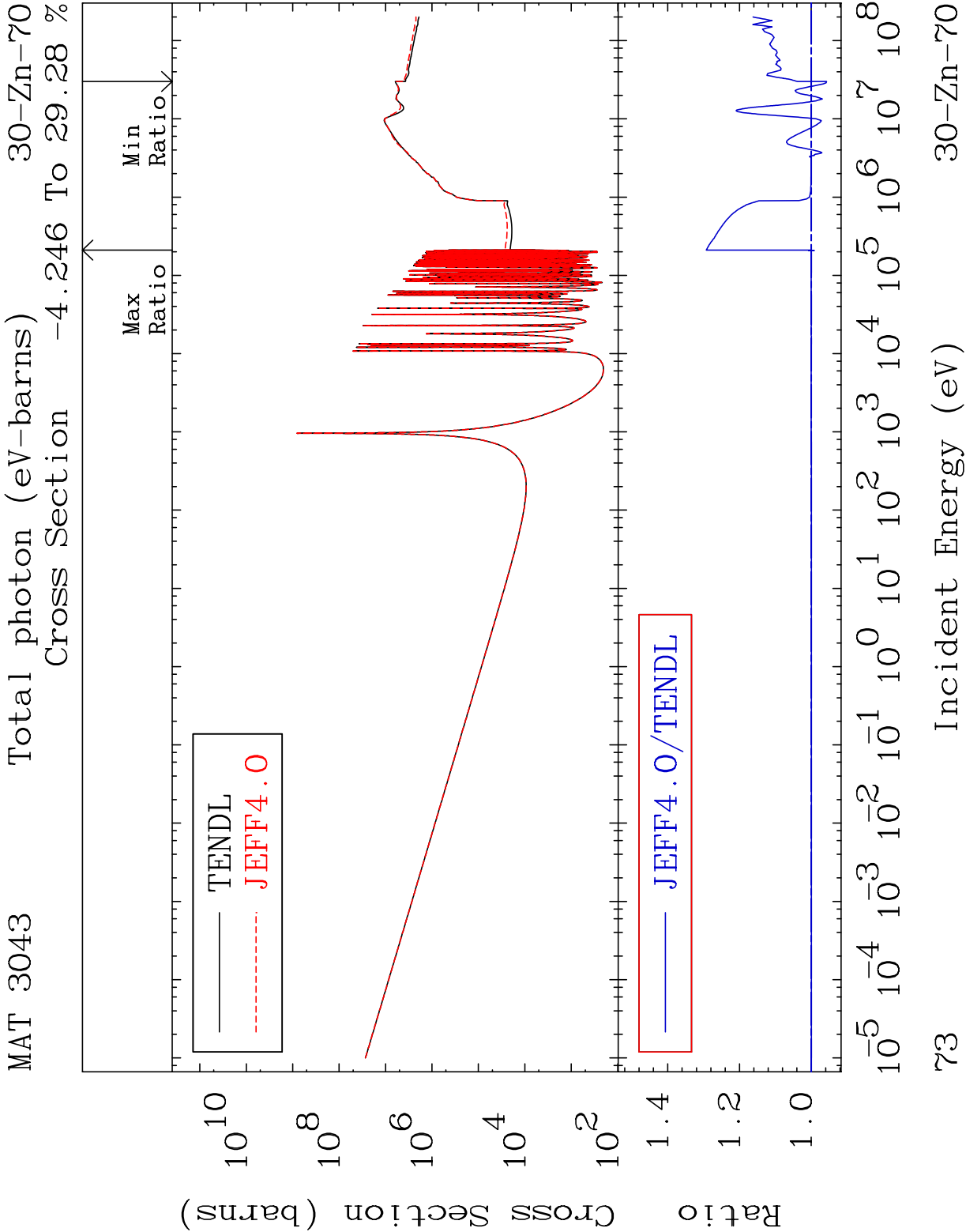
30-Zn-70

Radionuclide Production Cross-Section 9999. %

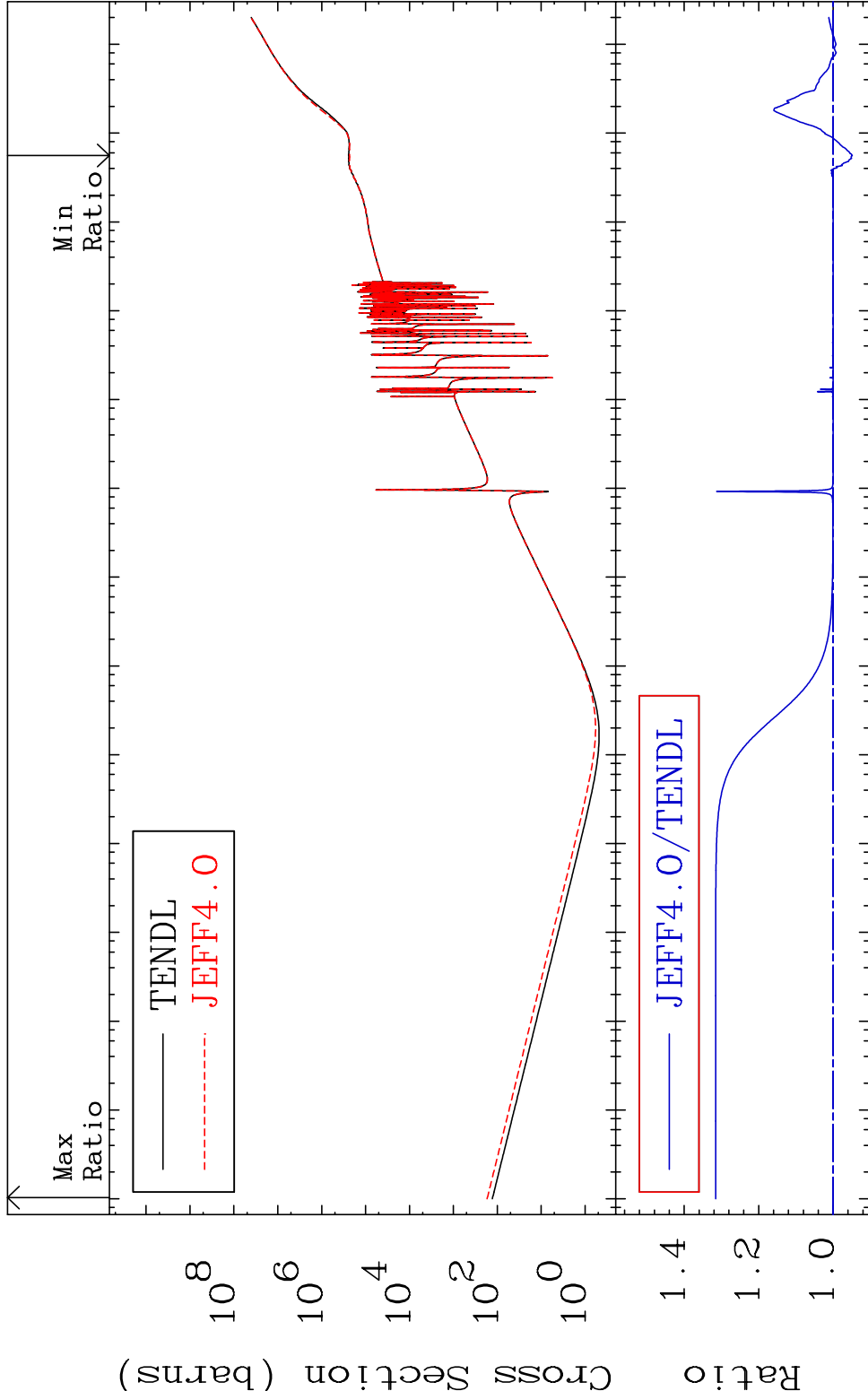


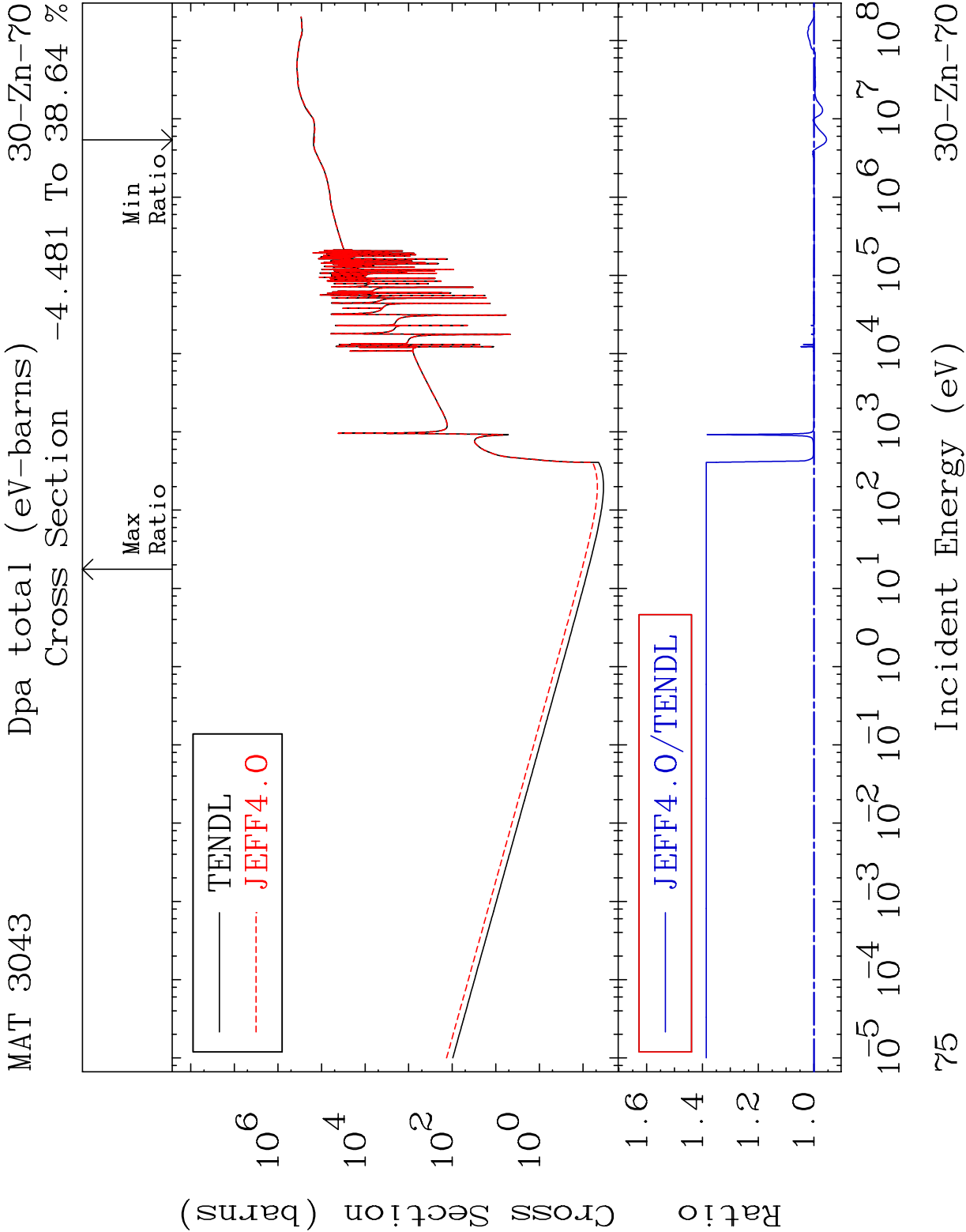




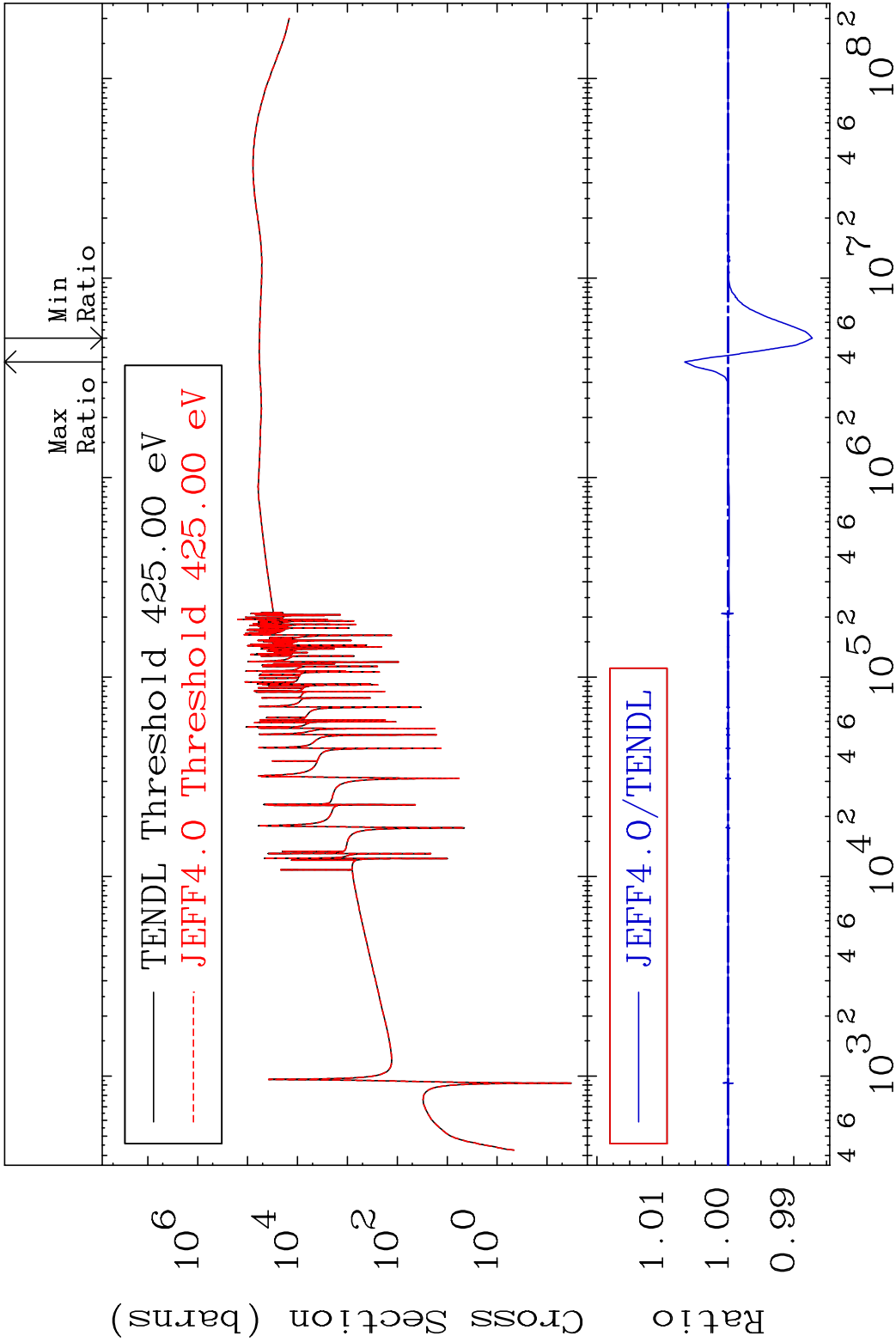


MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
Cross Section -5.116 To 31.55 %

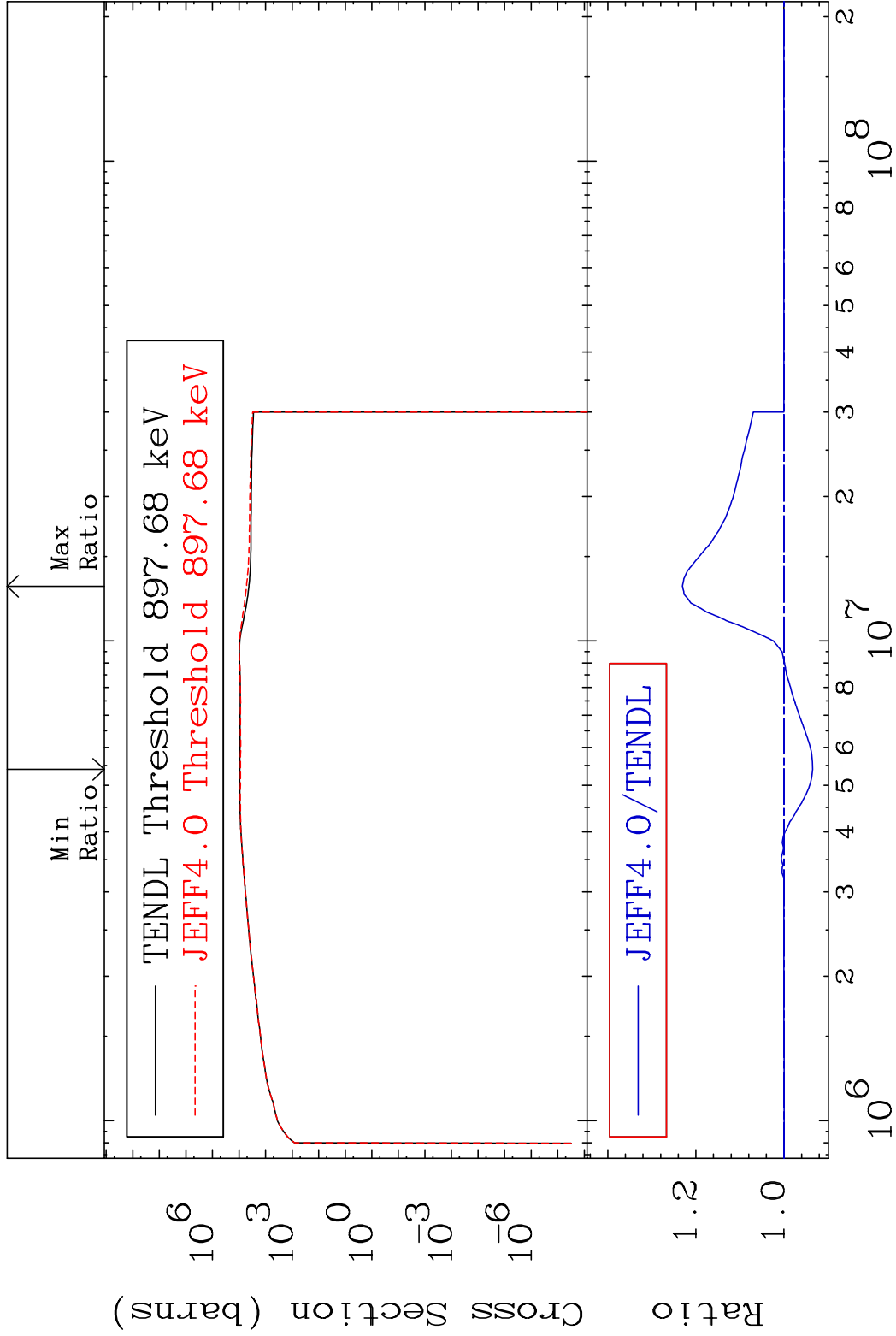




MAT 3043 Dpa elastic (mt2) 30-Zn-70
Cross Section -1.283 To 0.662 %

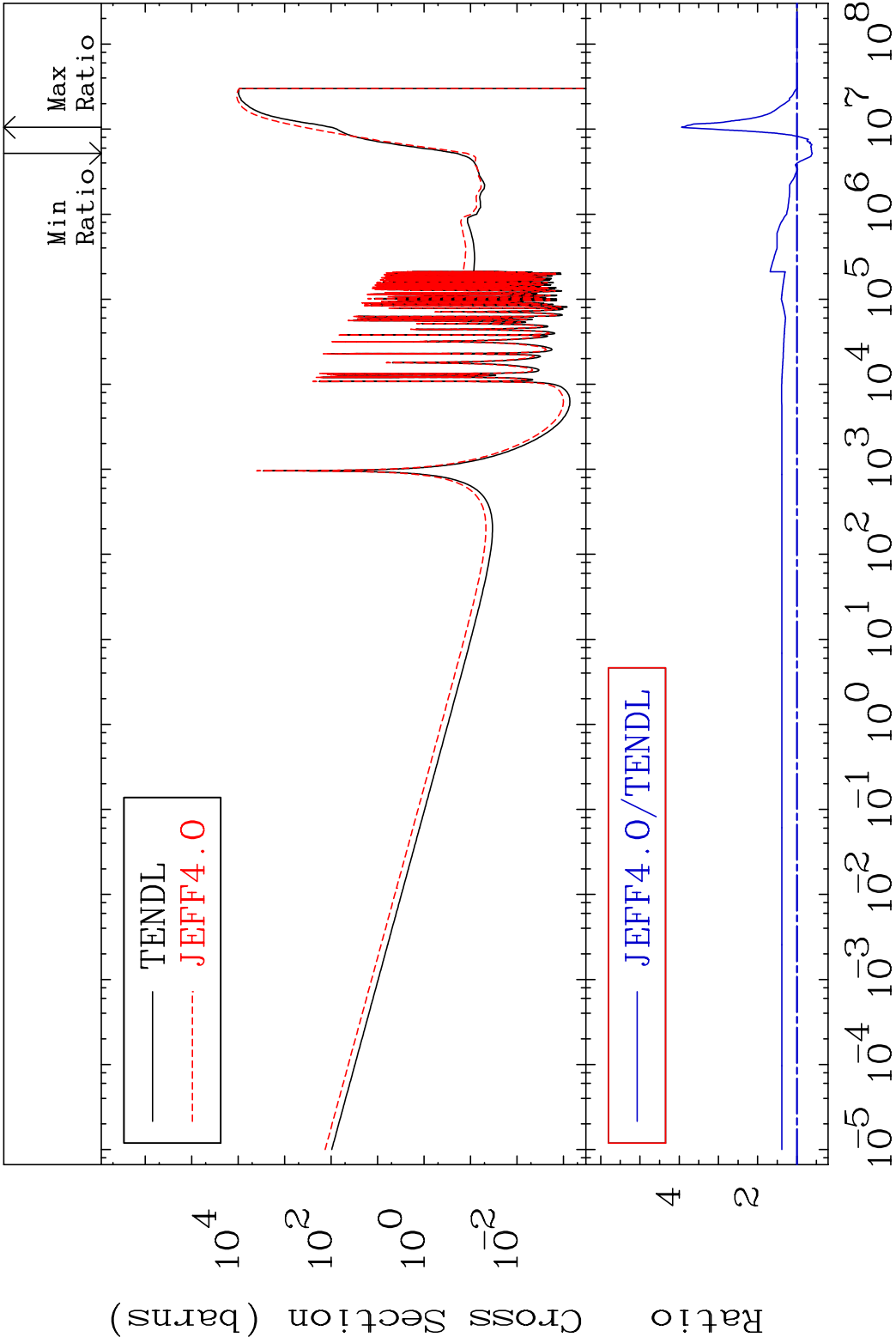


MAT 3043 Dpa inelastic (mt51-91) 30-Zn-70
Cross Section -6.491 To 23.07 %

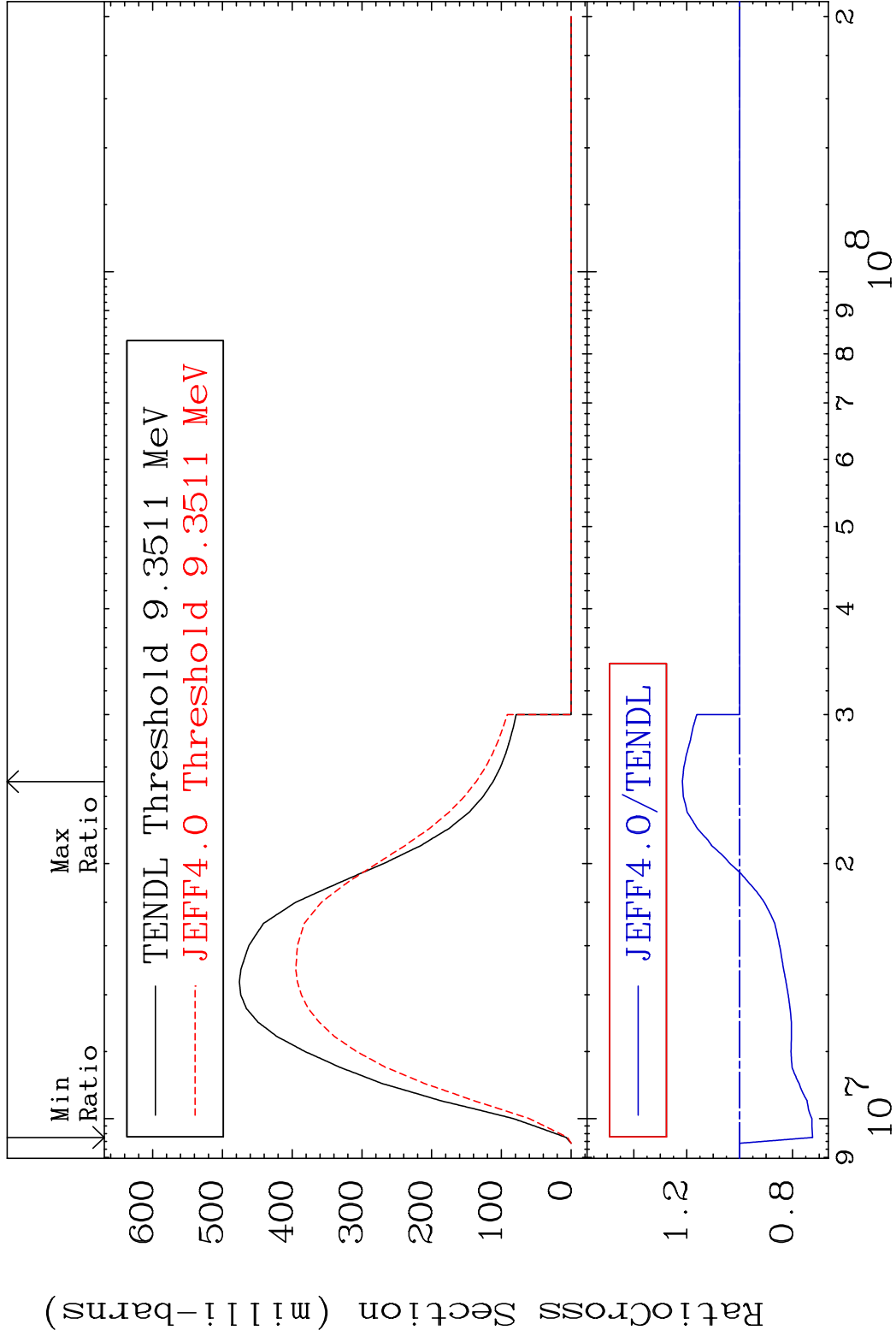


77 Incident Energy (eV) 30-Zn-70

MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70
Cross Section -39.12 To 294.0 %



78 Incident Energy (eV) 30-Zn-70



MAT 3043

$$(n, 2n): 30\text{-Zn-69m1}$$

30-Zn-70

Radionuclide Production Cross-Section 27.27 %

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