

Program Complot
(Version 2021-1)

by

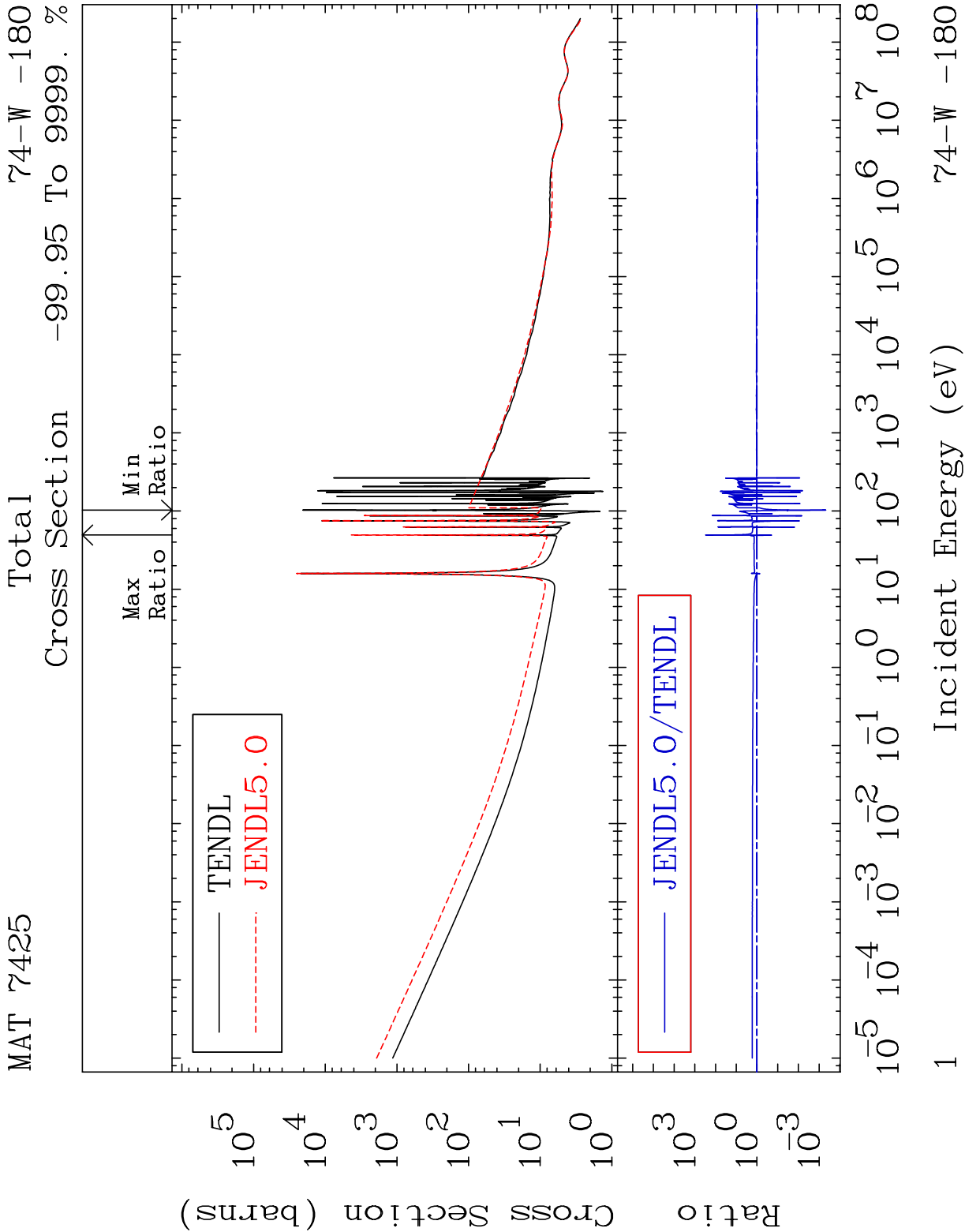
Dermott E. Cullen
(Present Contact Information)

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

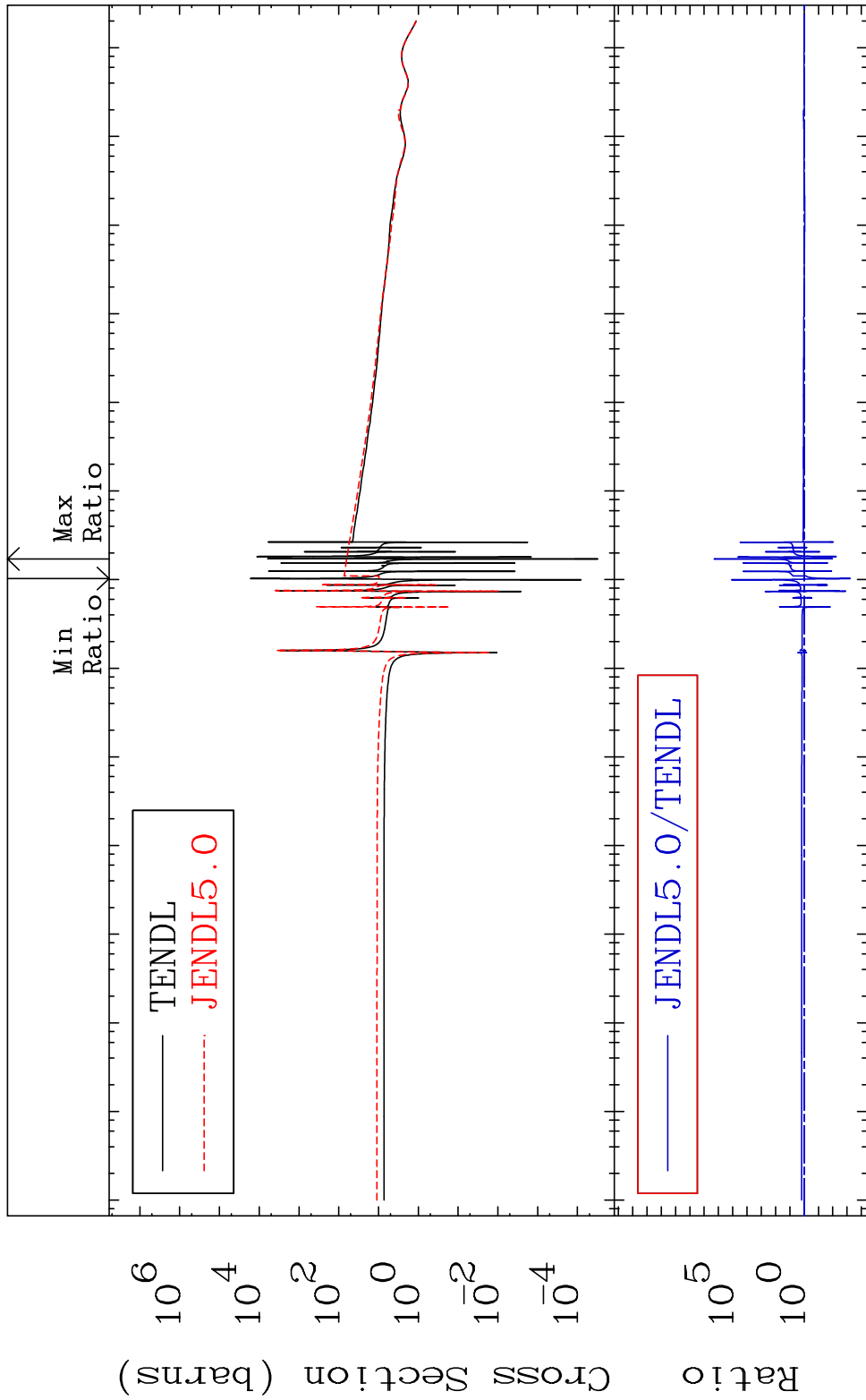


MAT 7425

Elastic

74-W -180

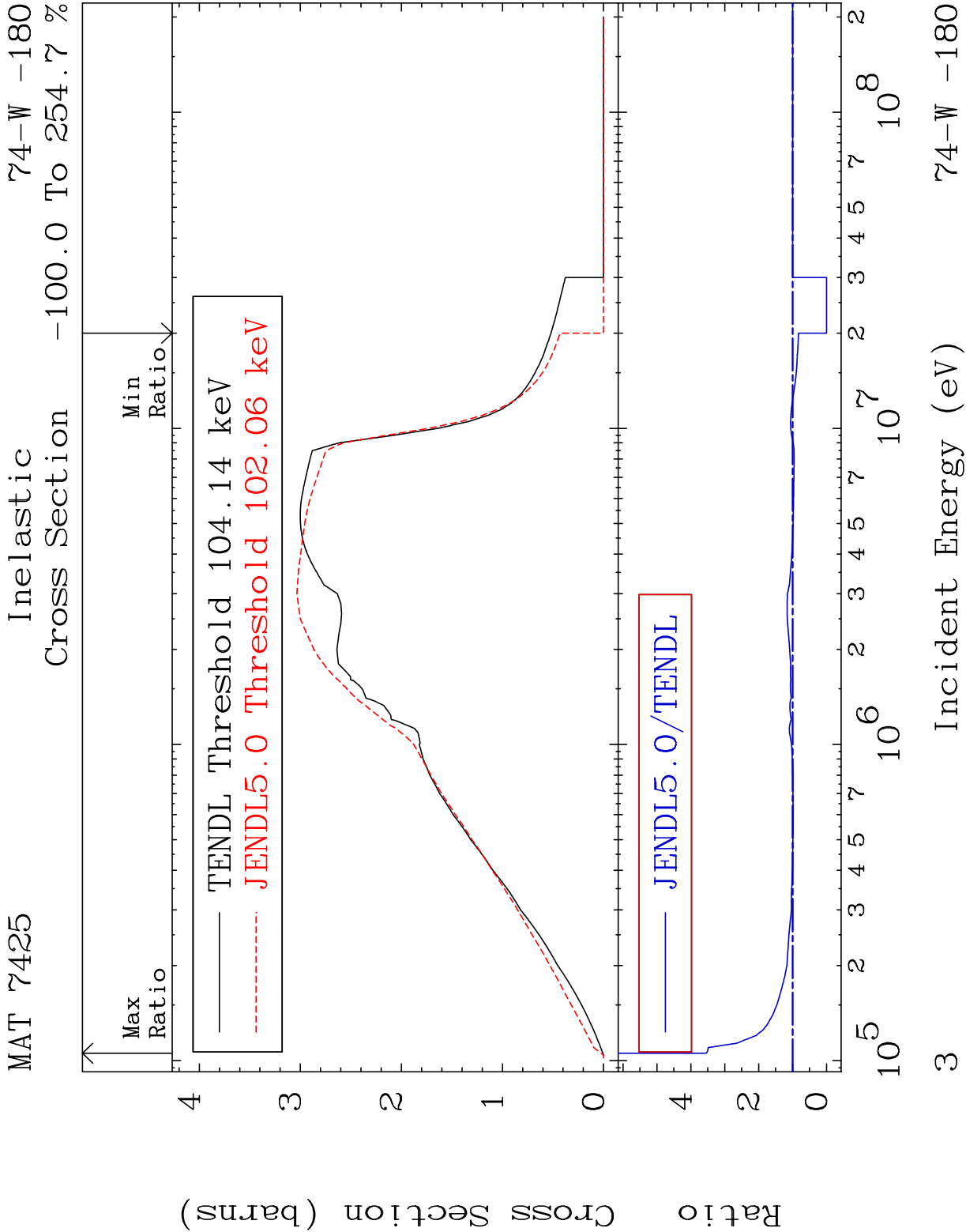
Cross Section -99.94 To 9999. %

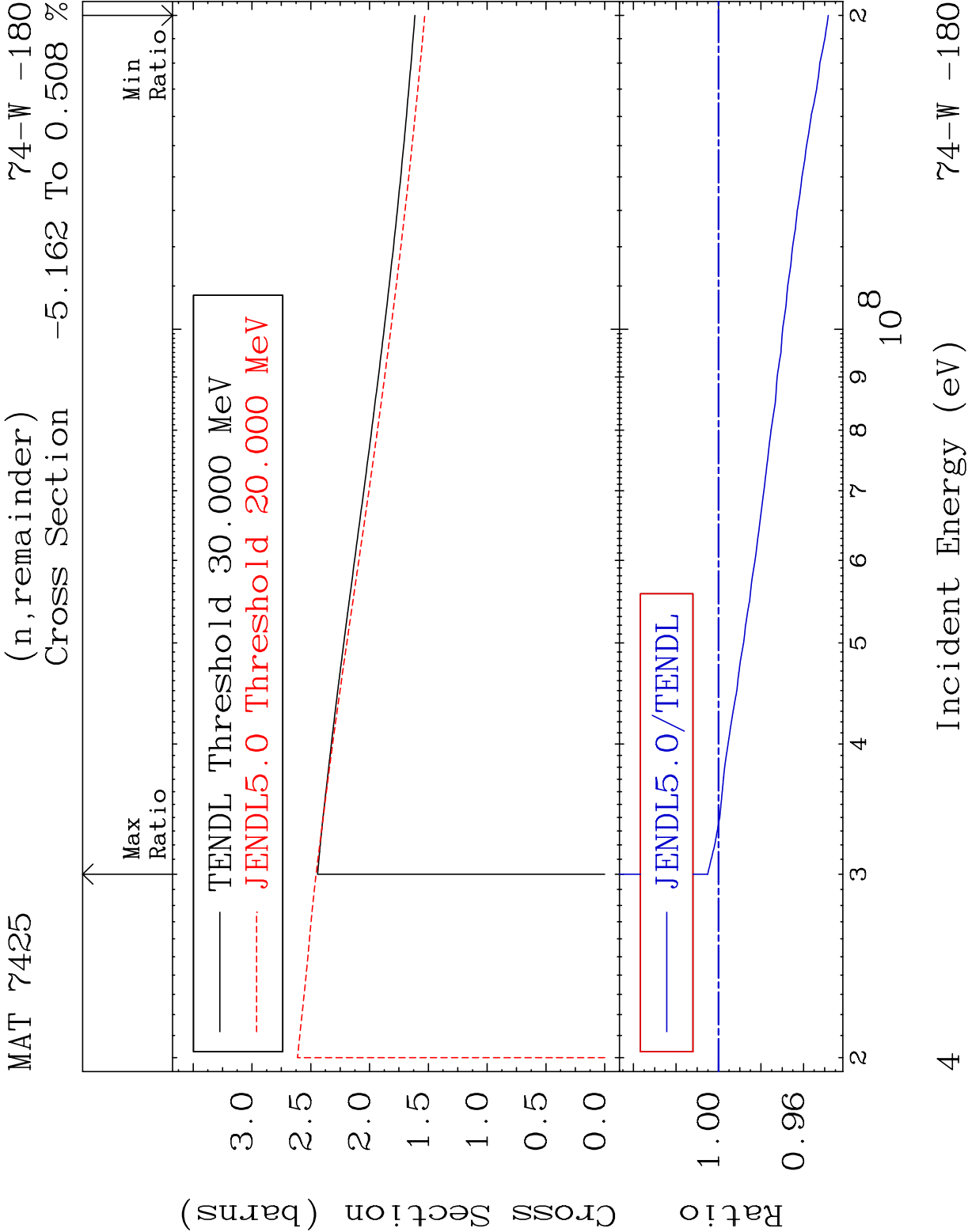


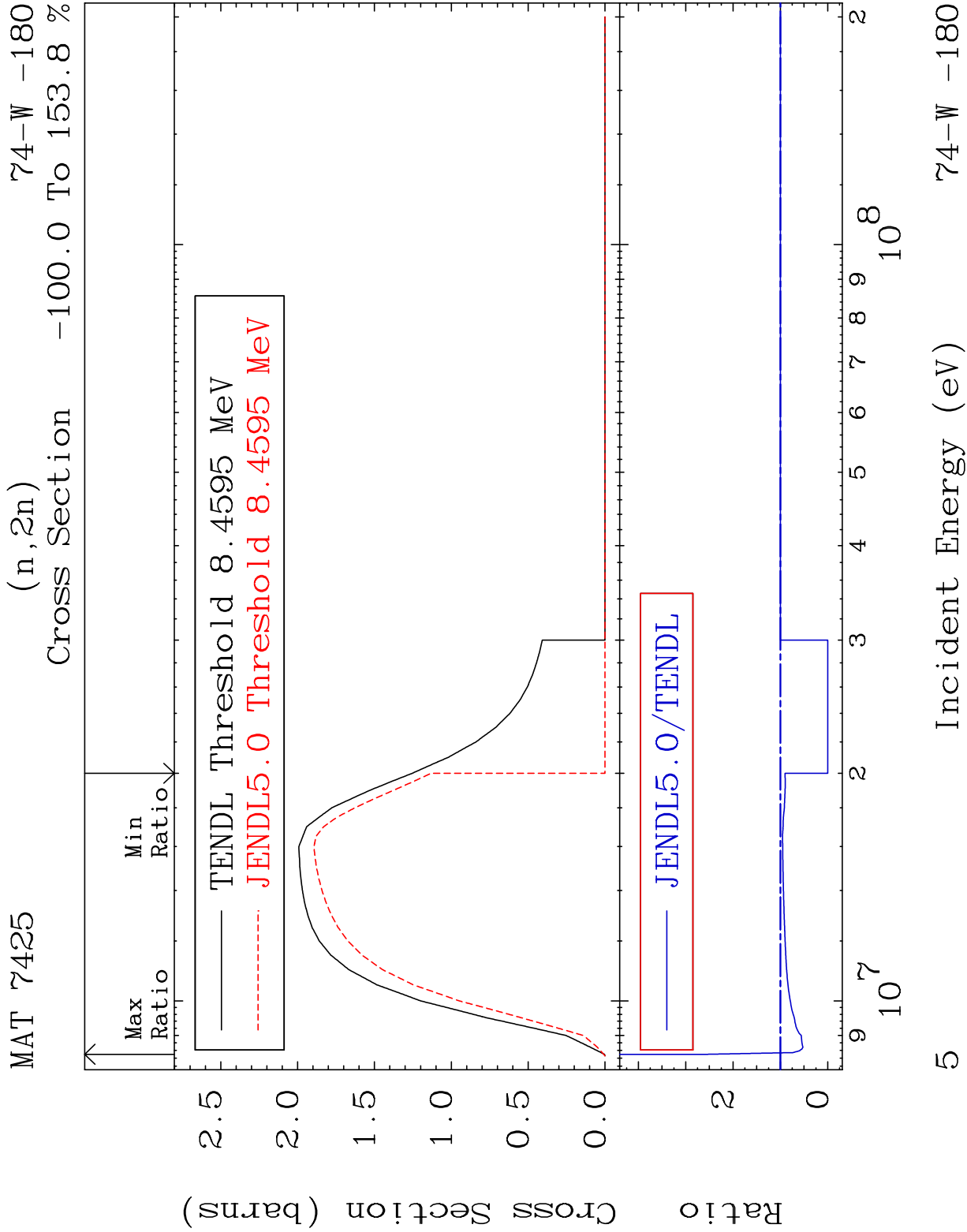
2

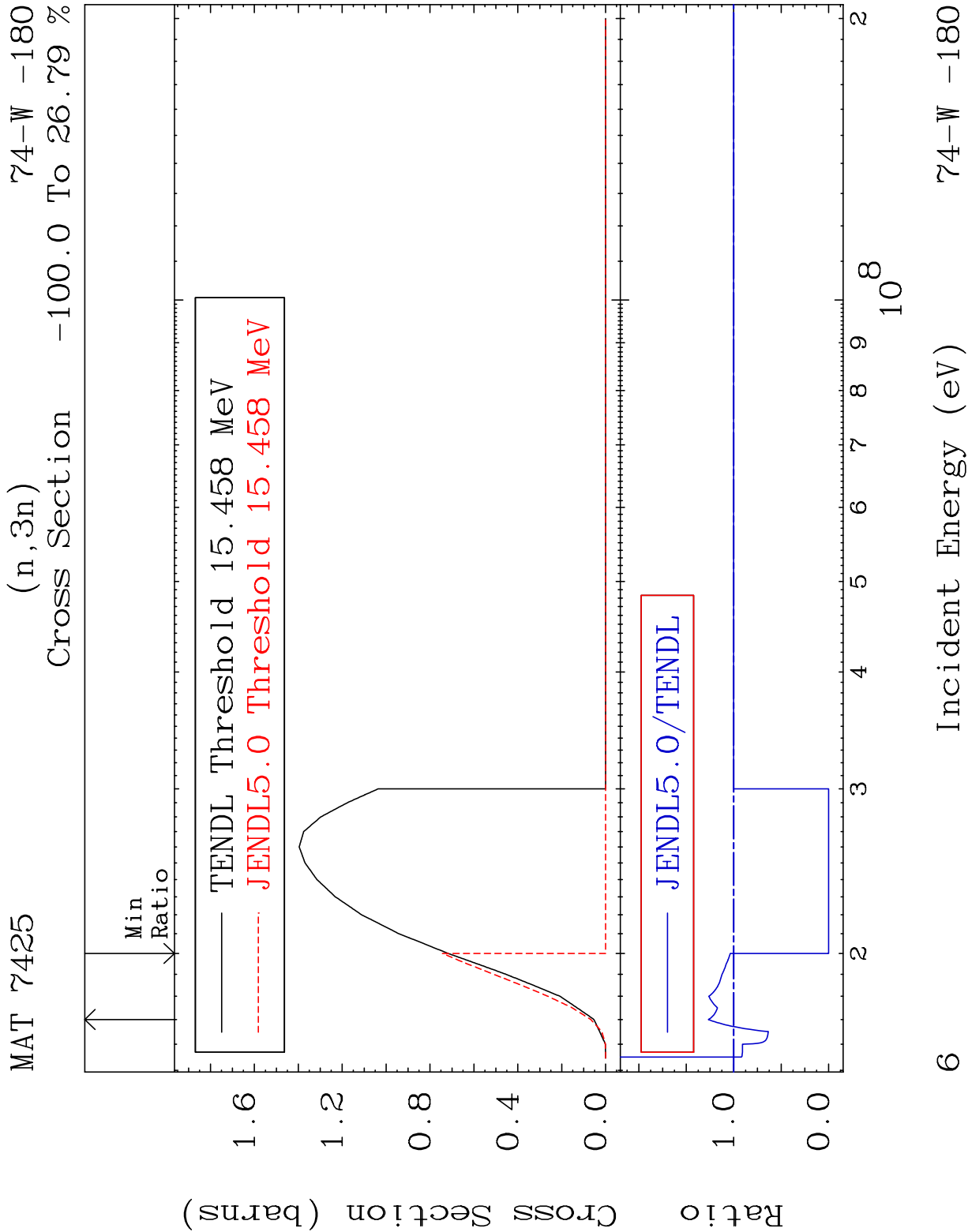
Incident Energy (eV)

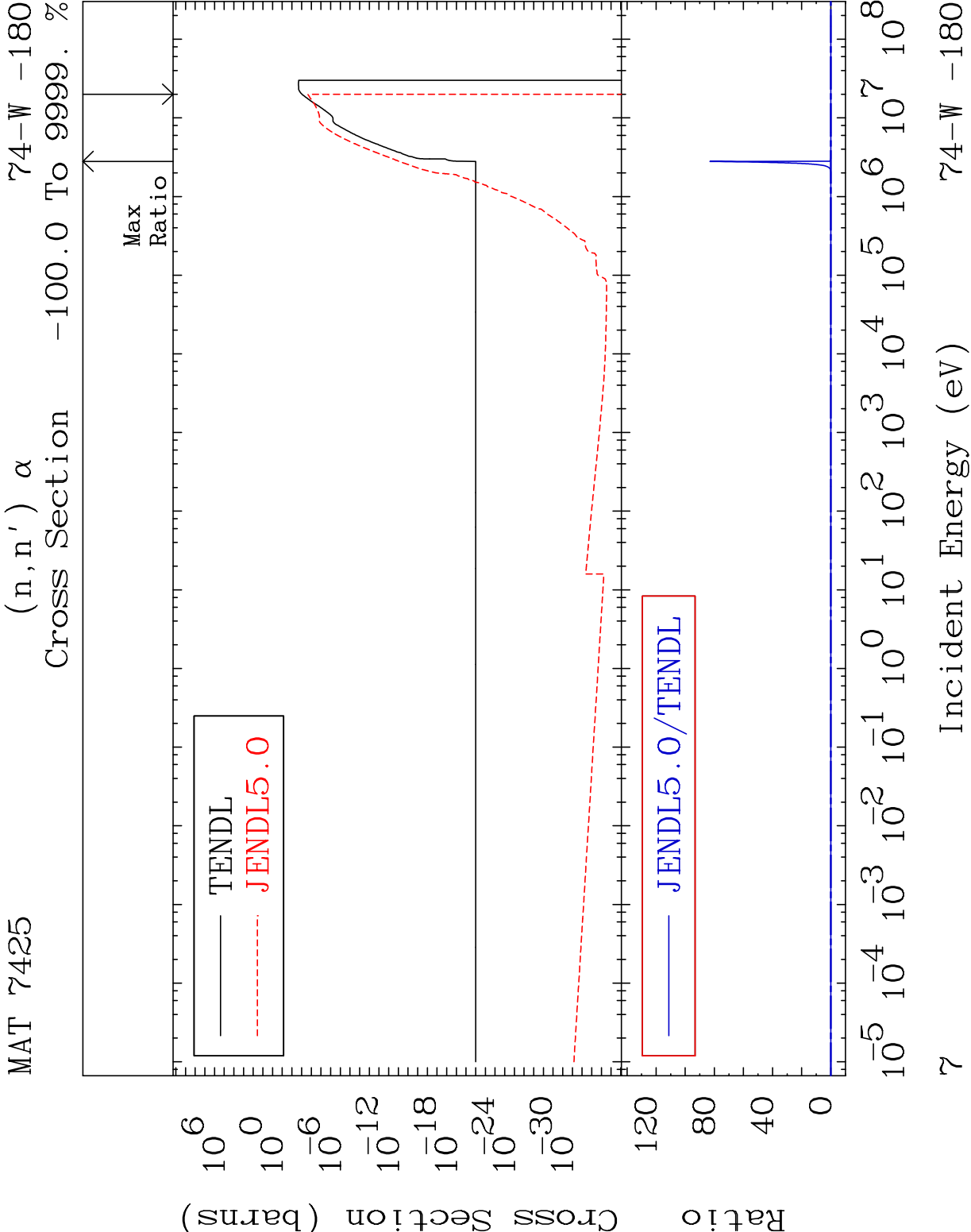
74-W -180

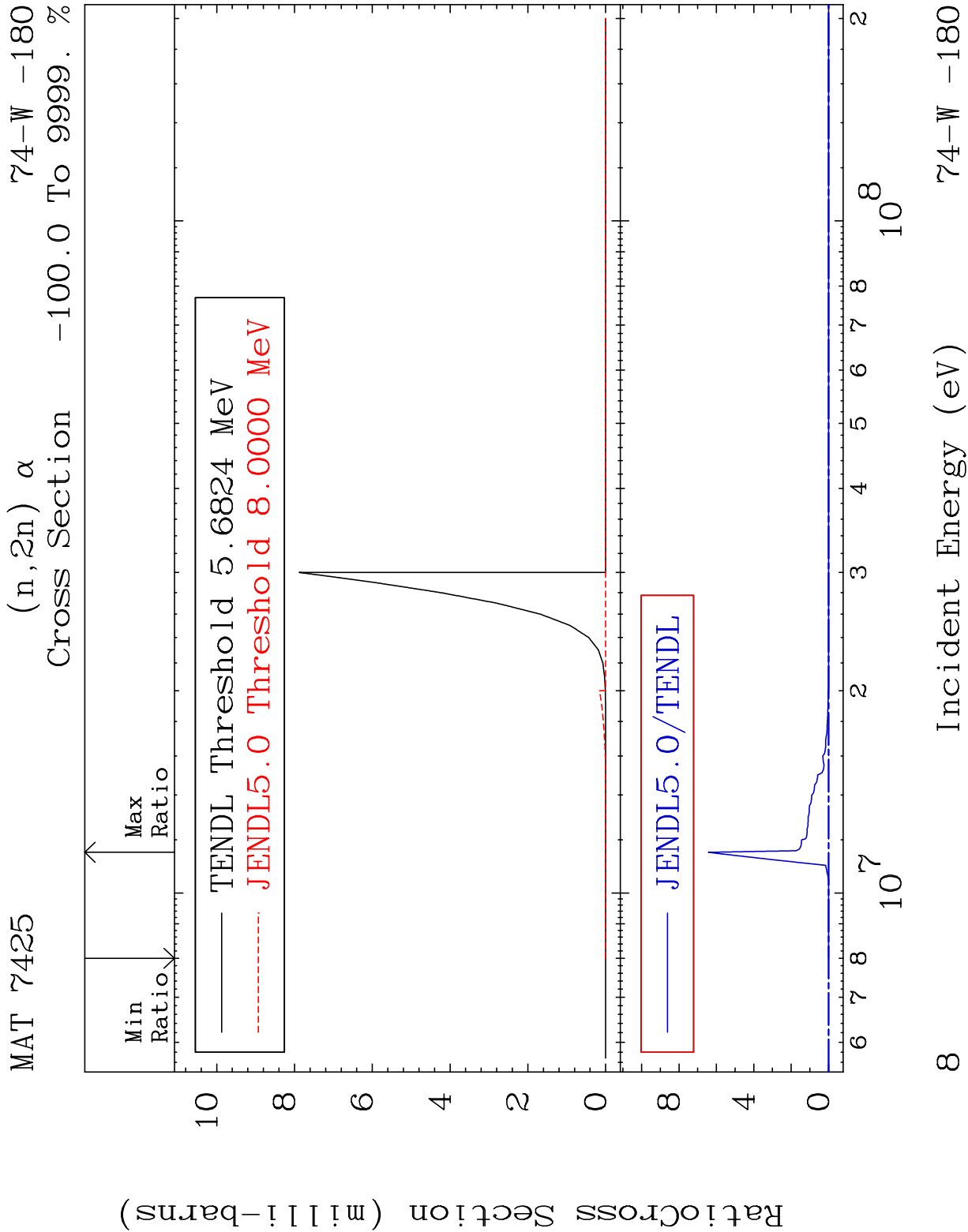


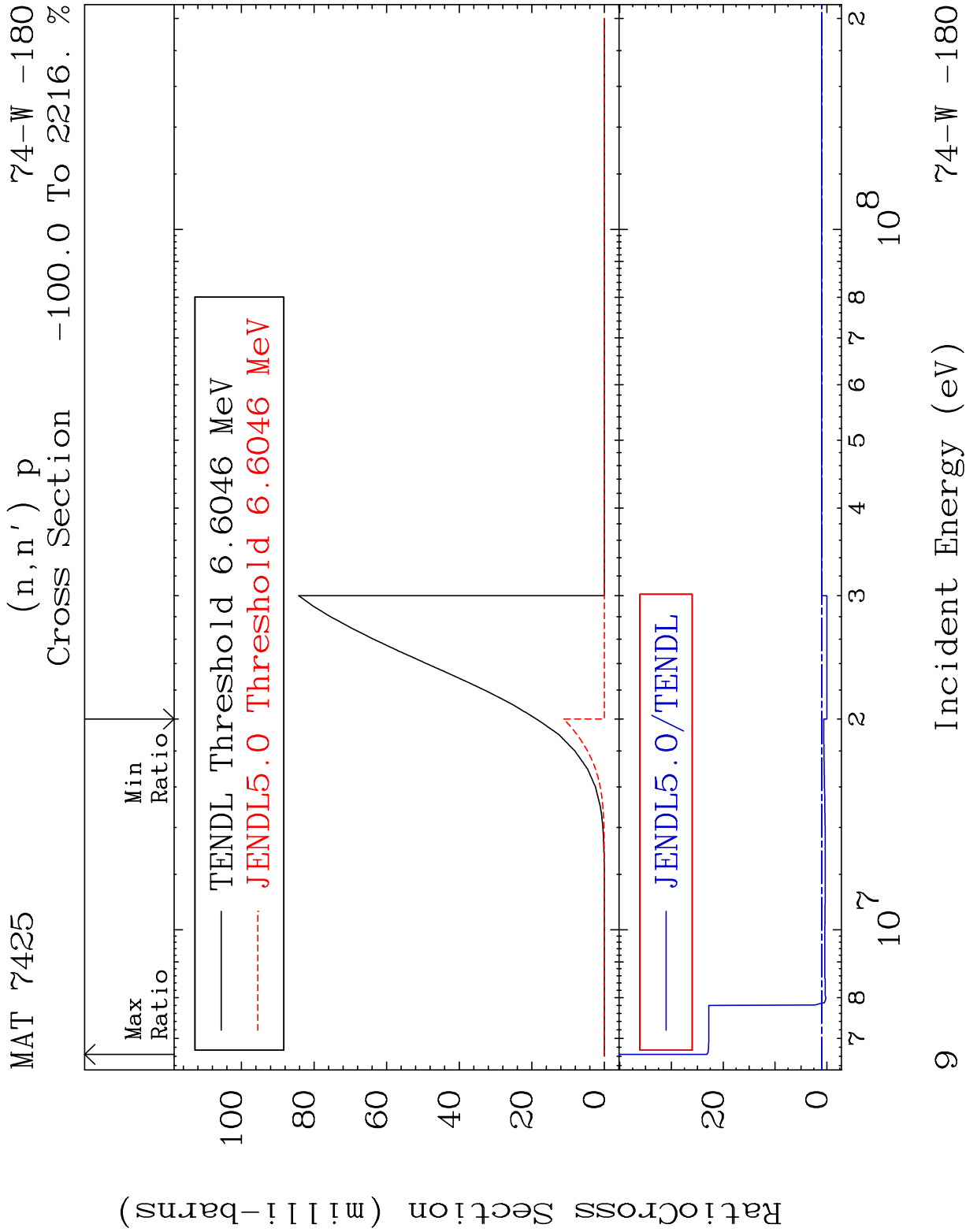


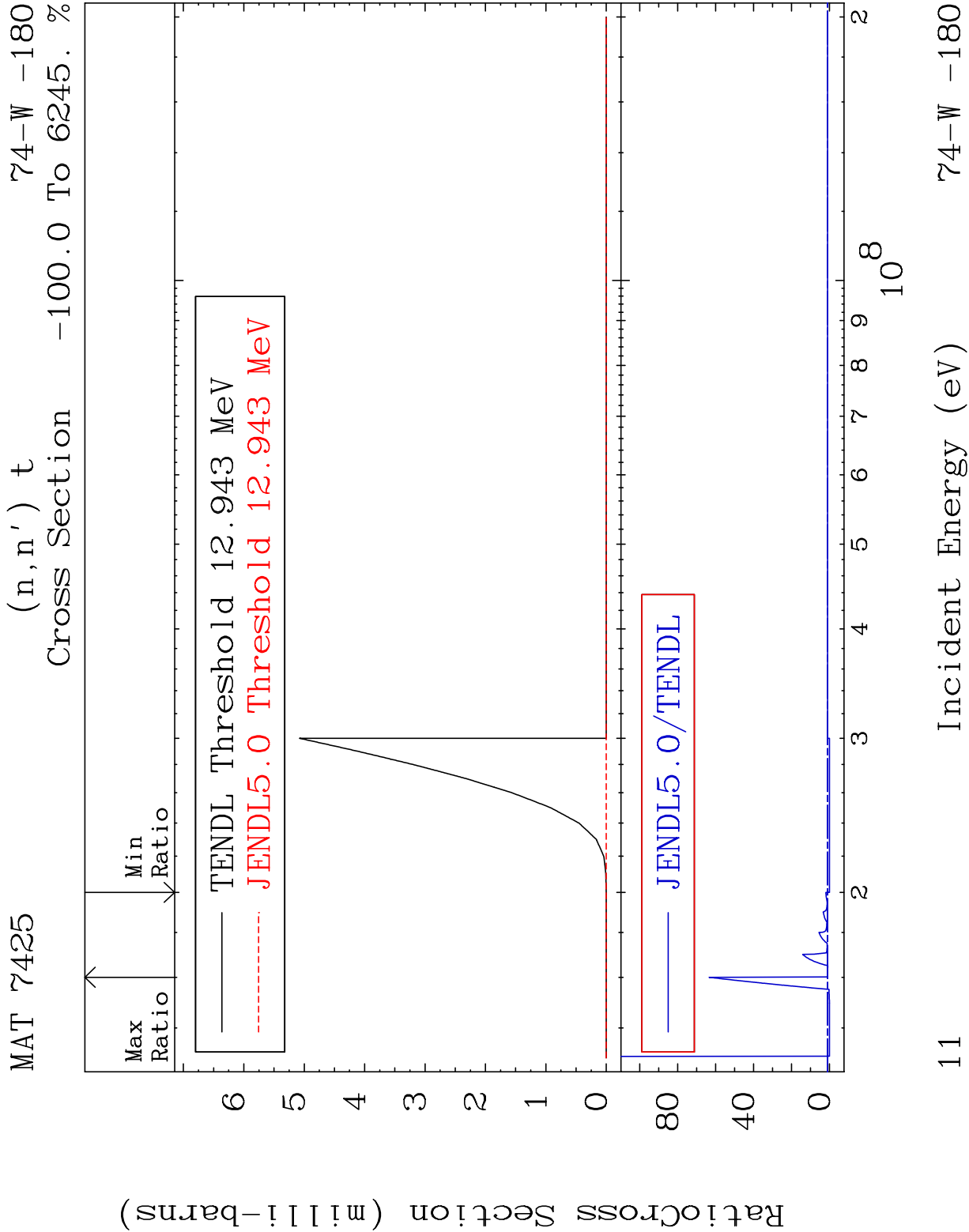




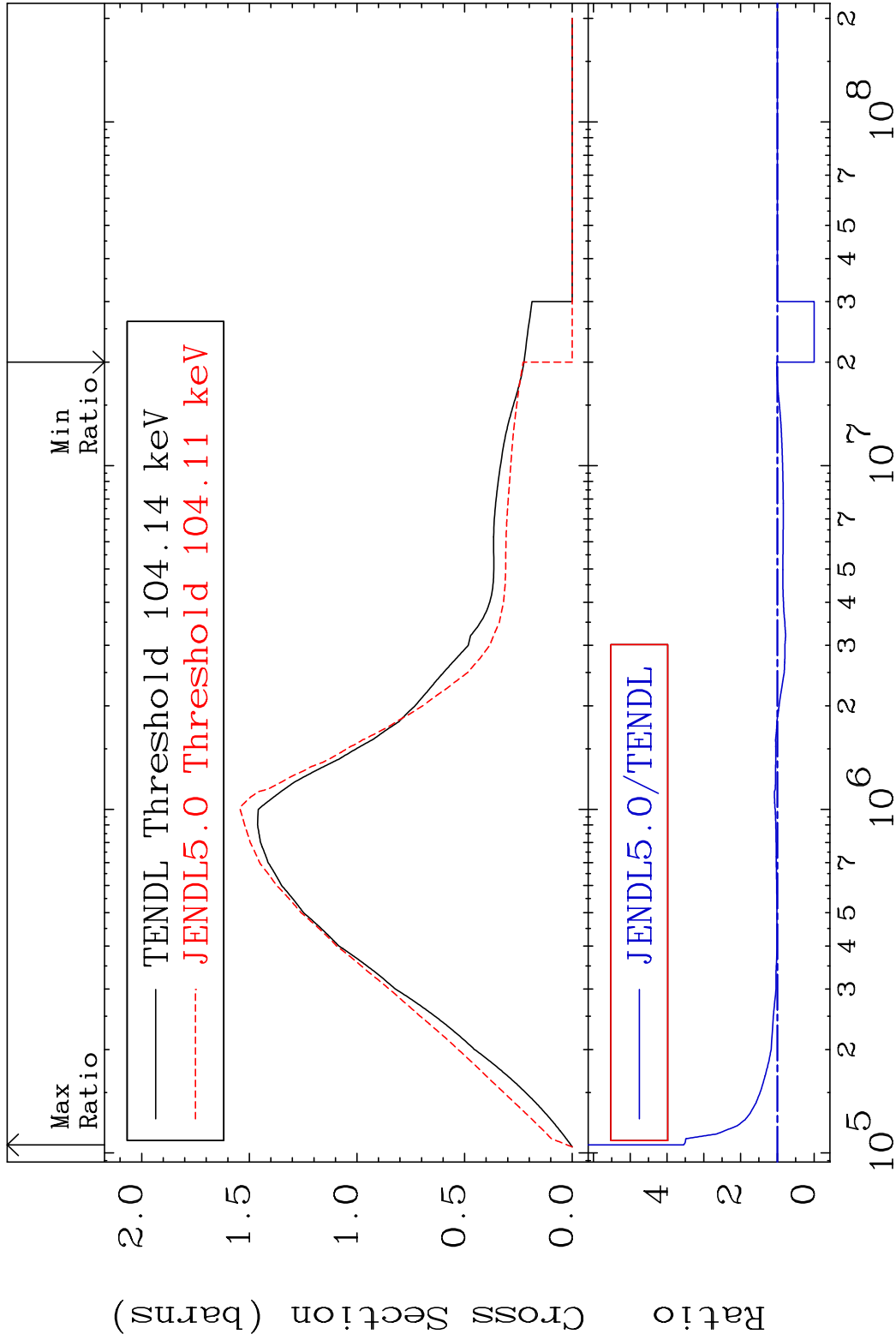




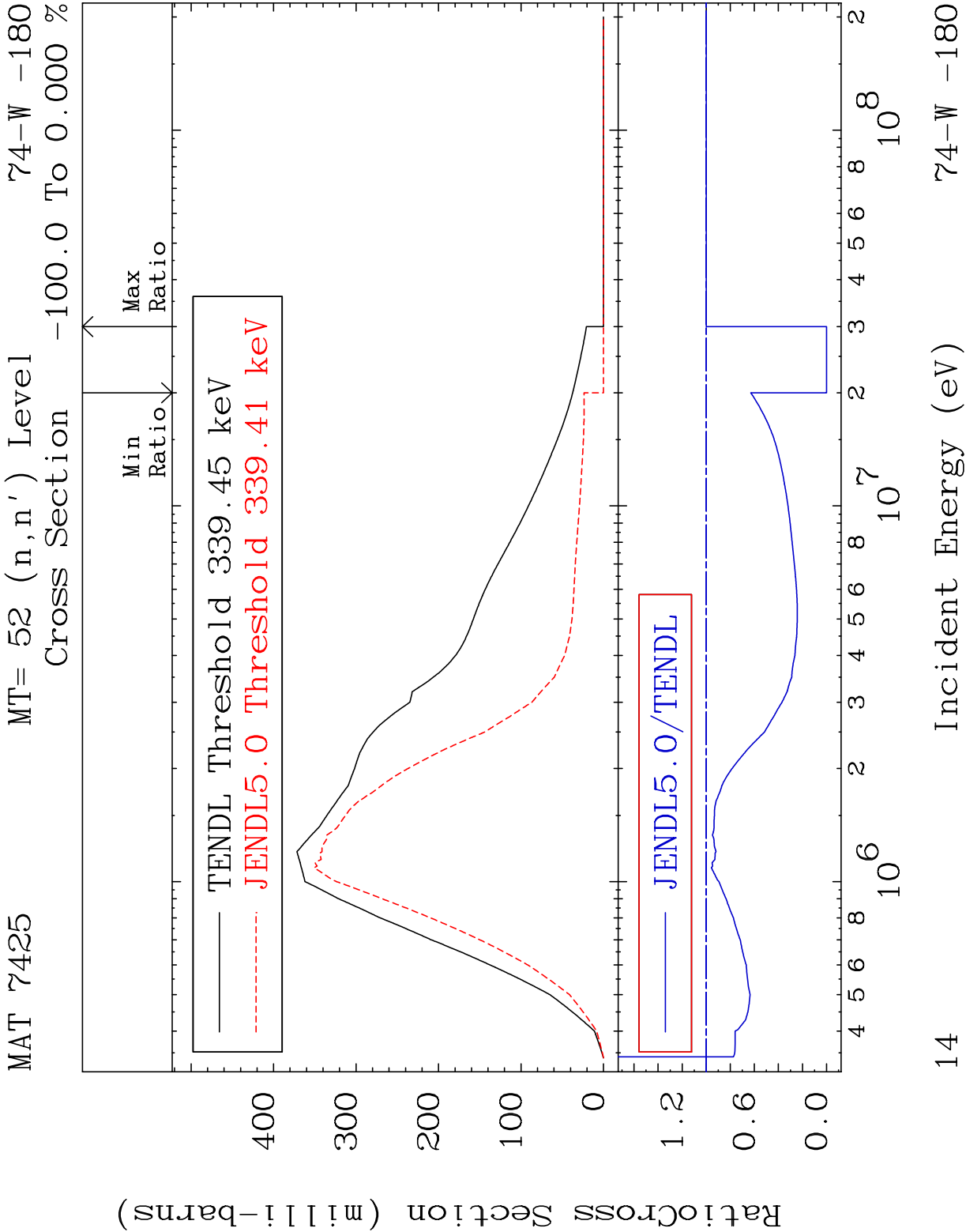


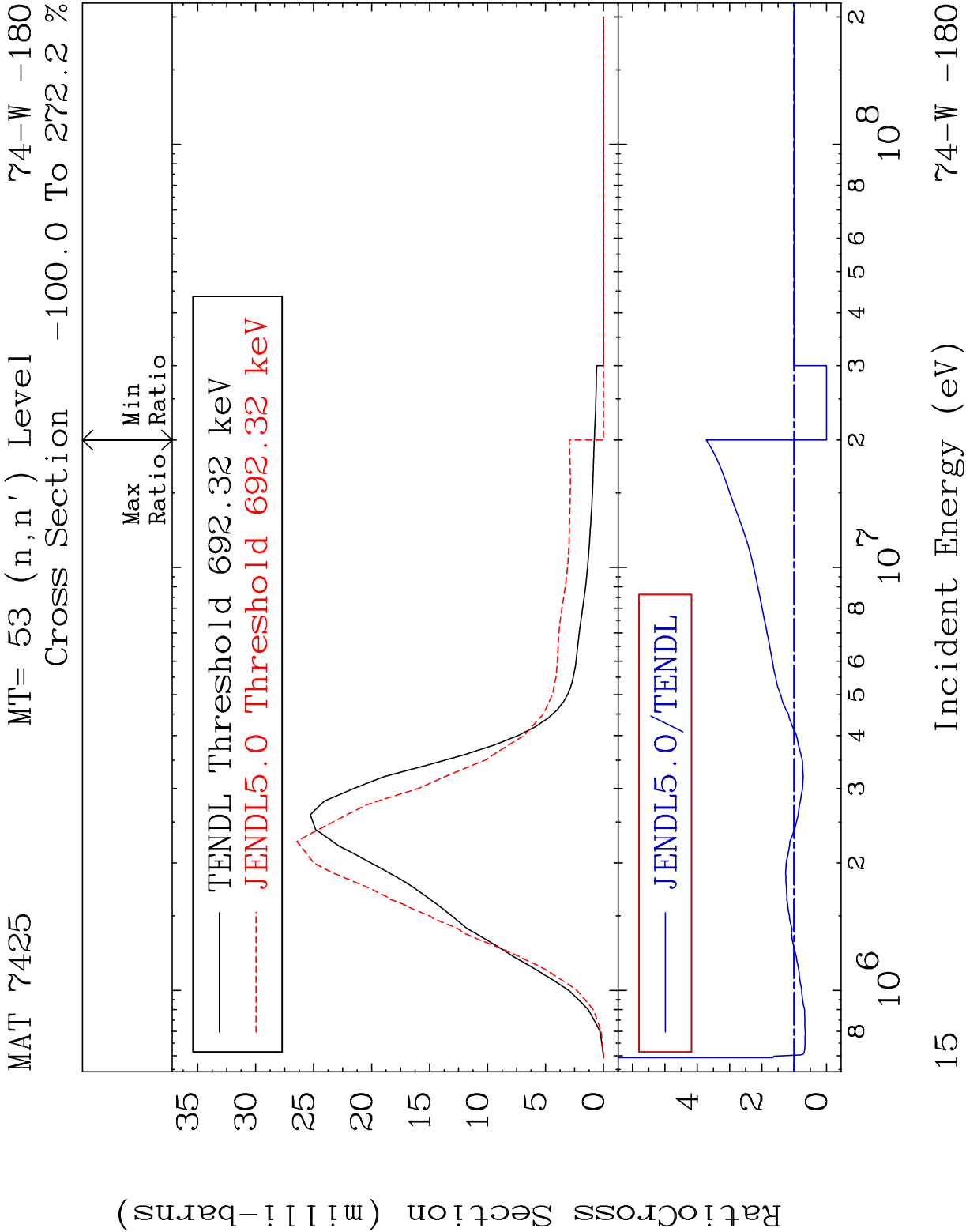


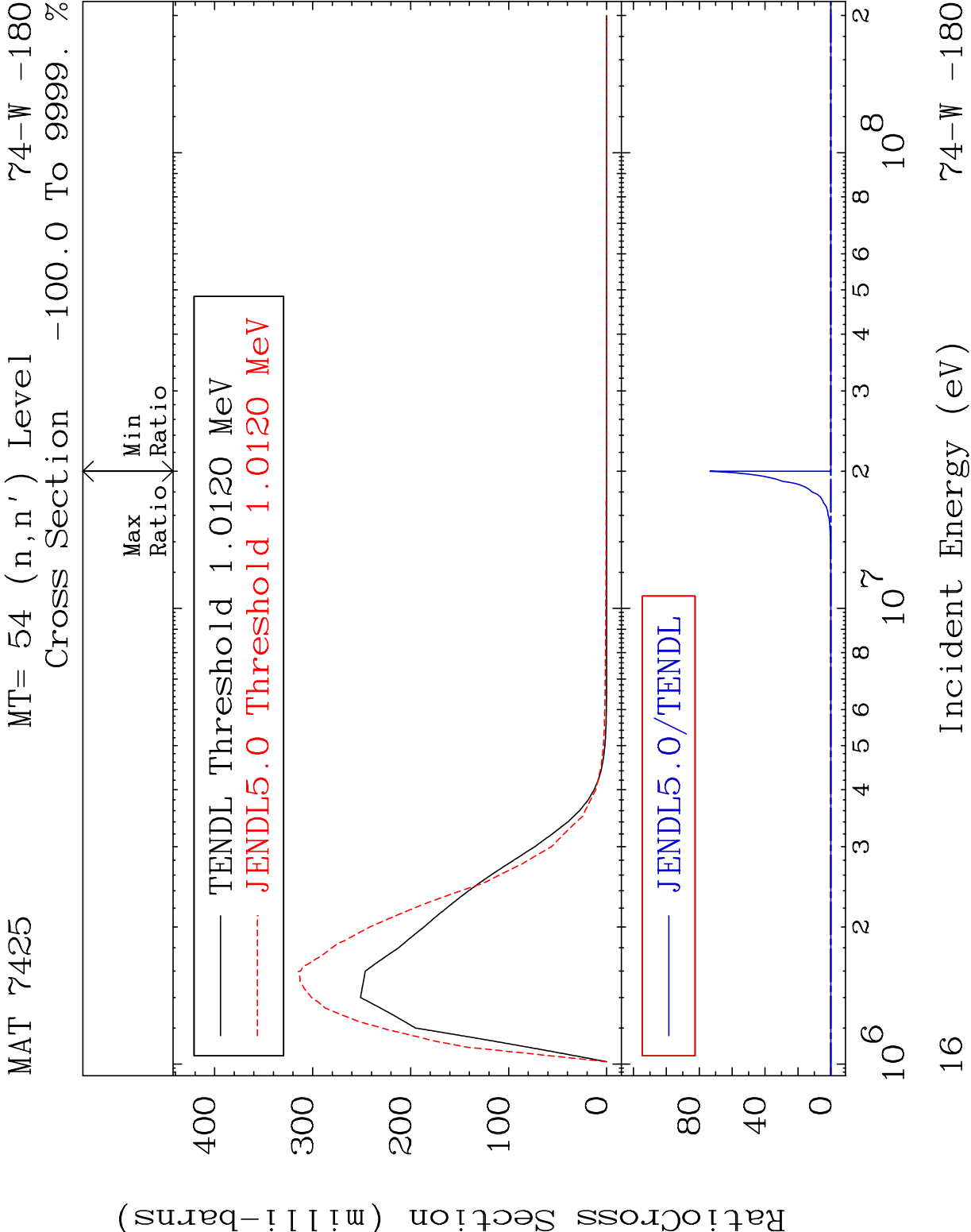
MAT 7425 MT= 51 (n,n') Level 74-W -180
Cross Section -100.0 To 254.6 %

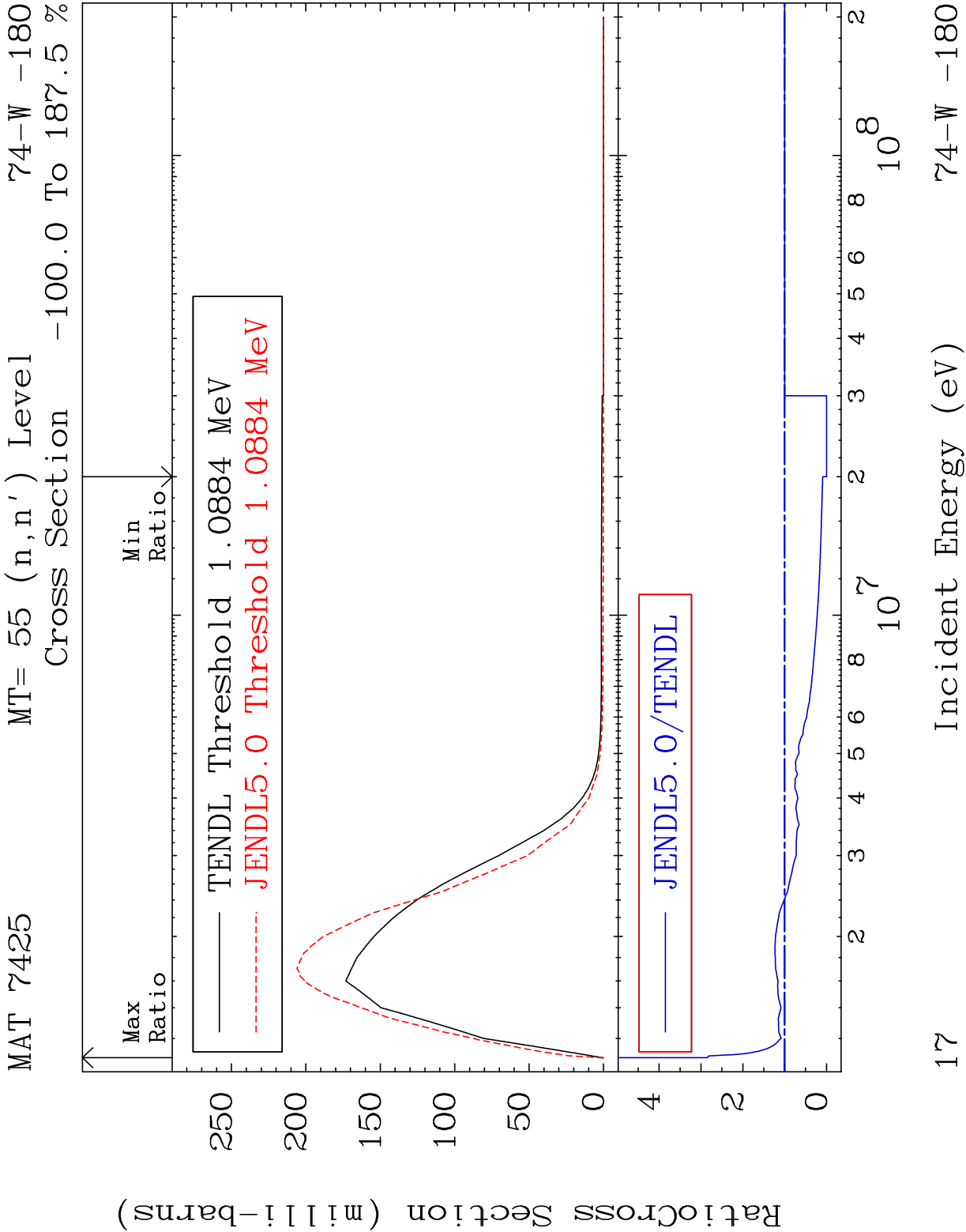


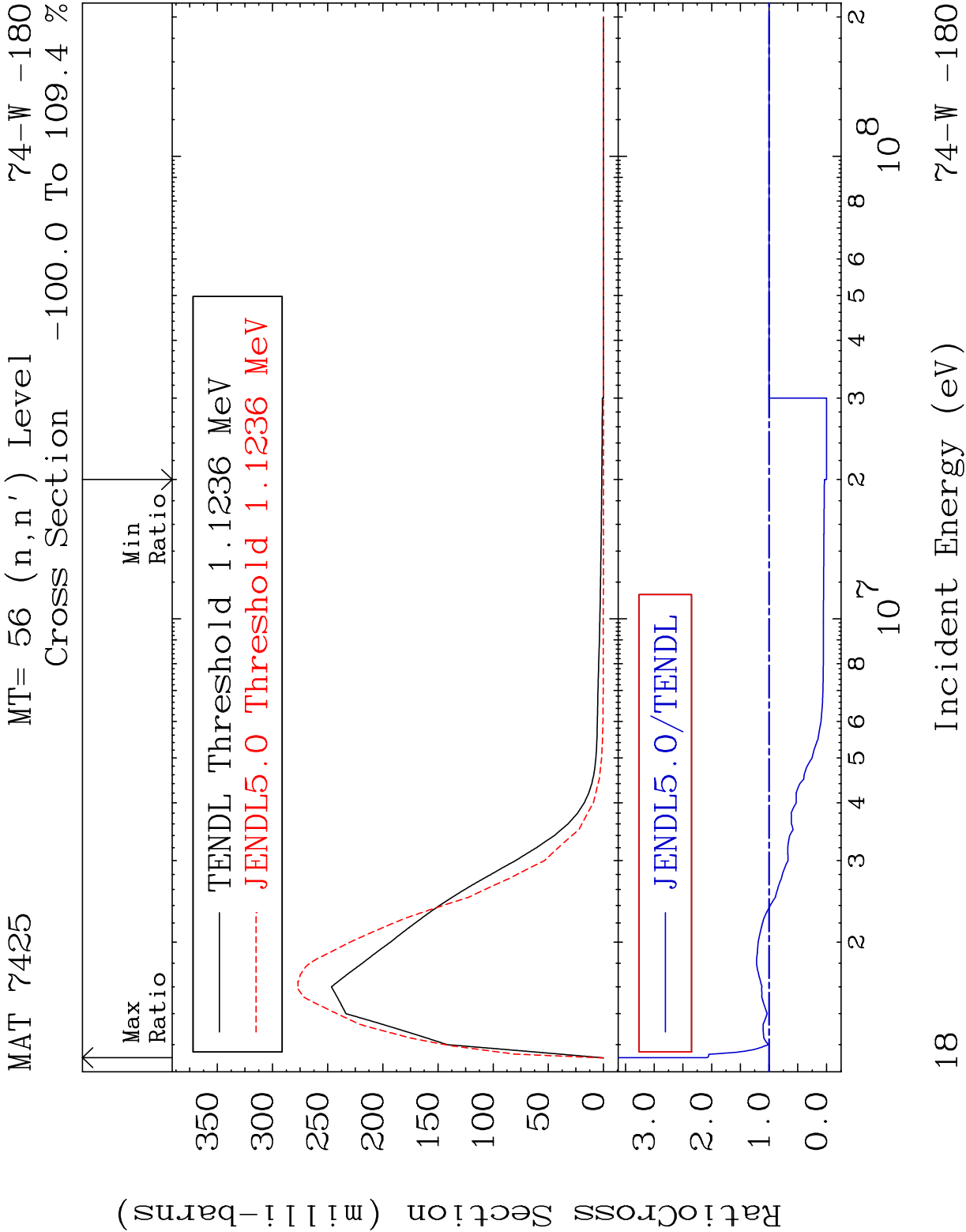
13 Incident Energy (eV) 74-W -180

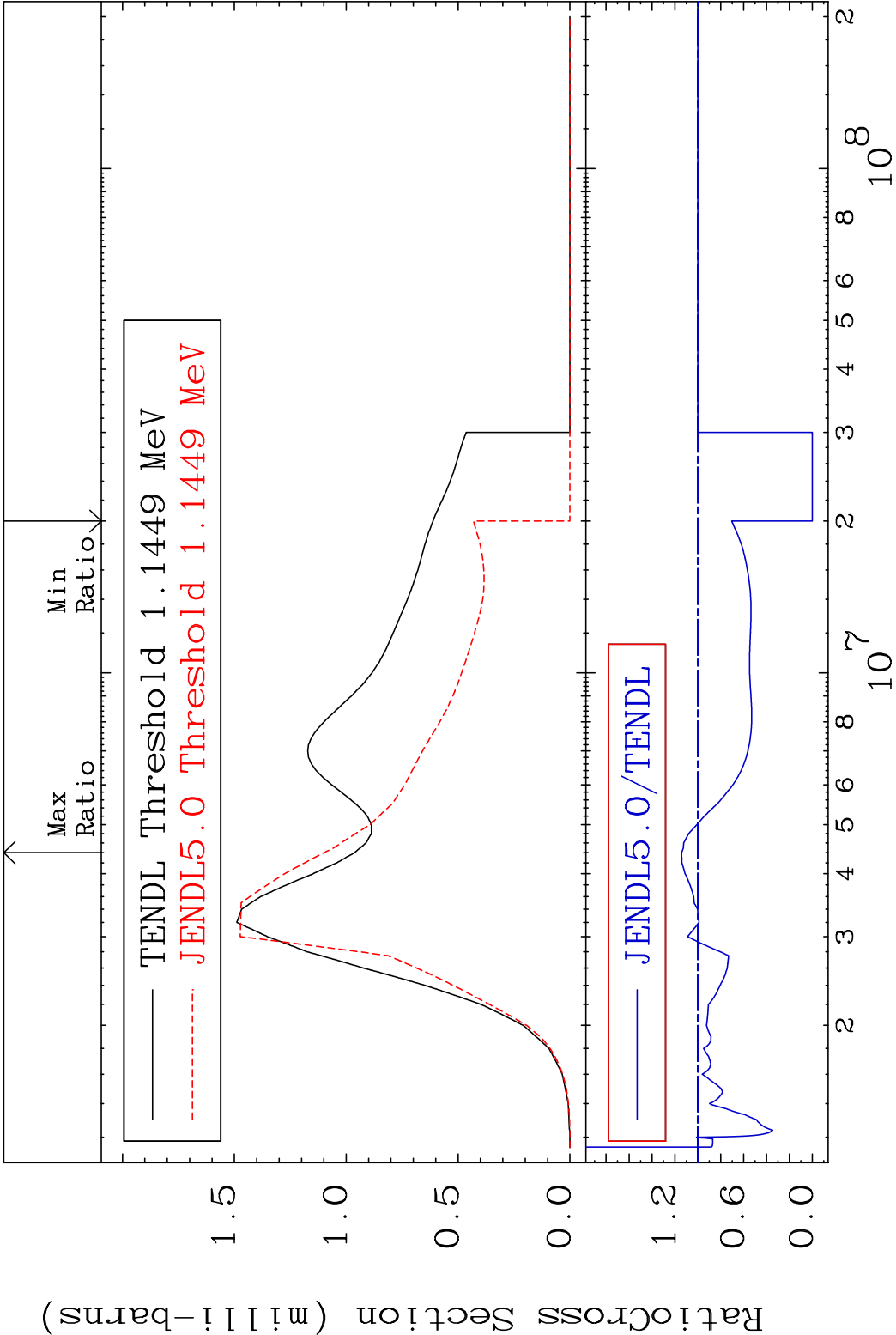




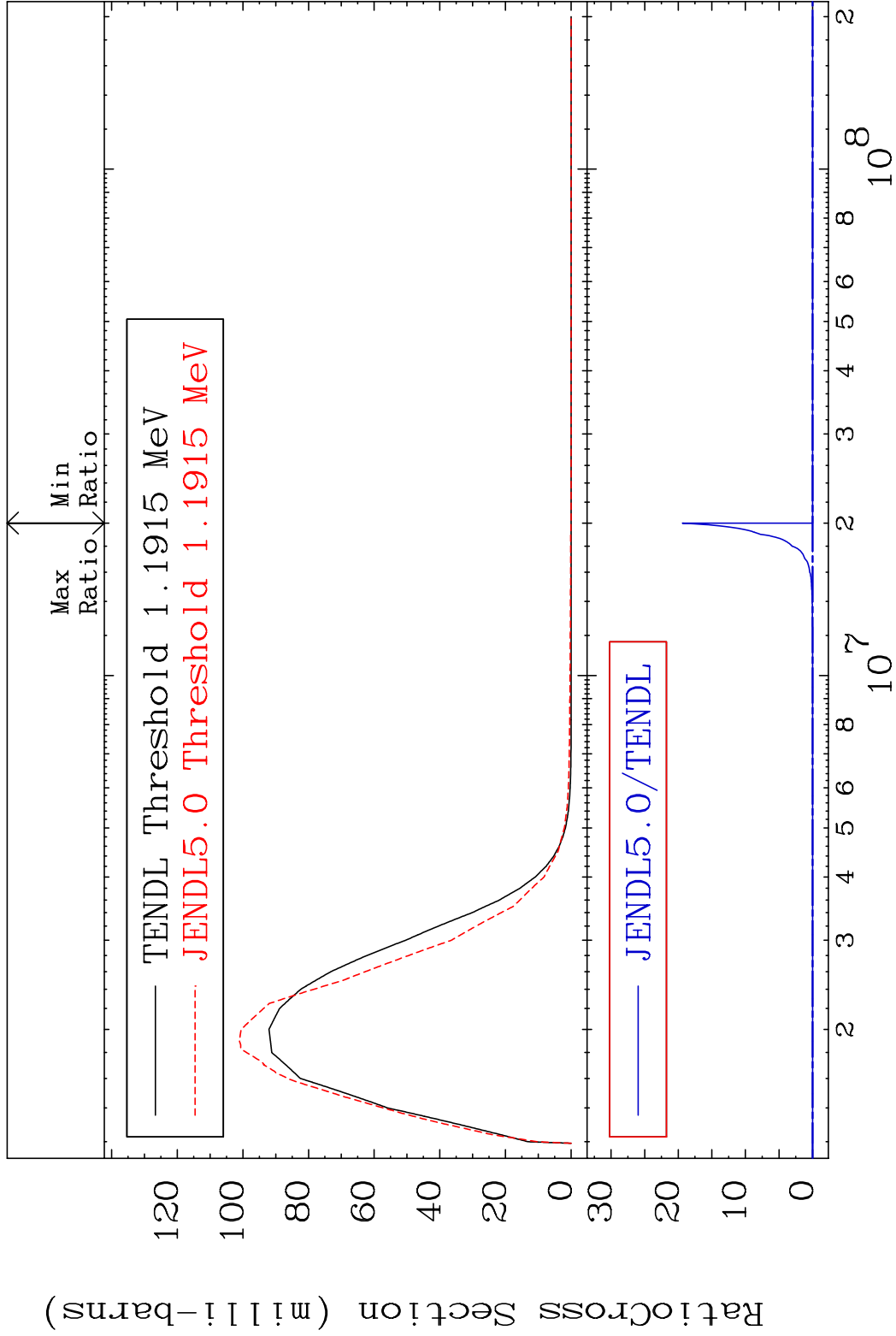


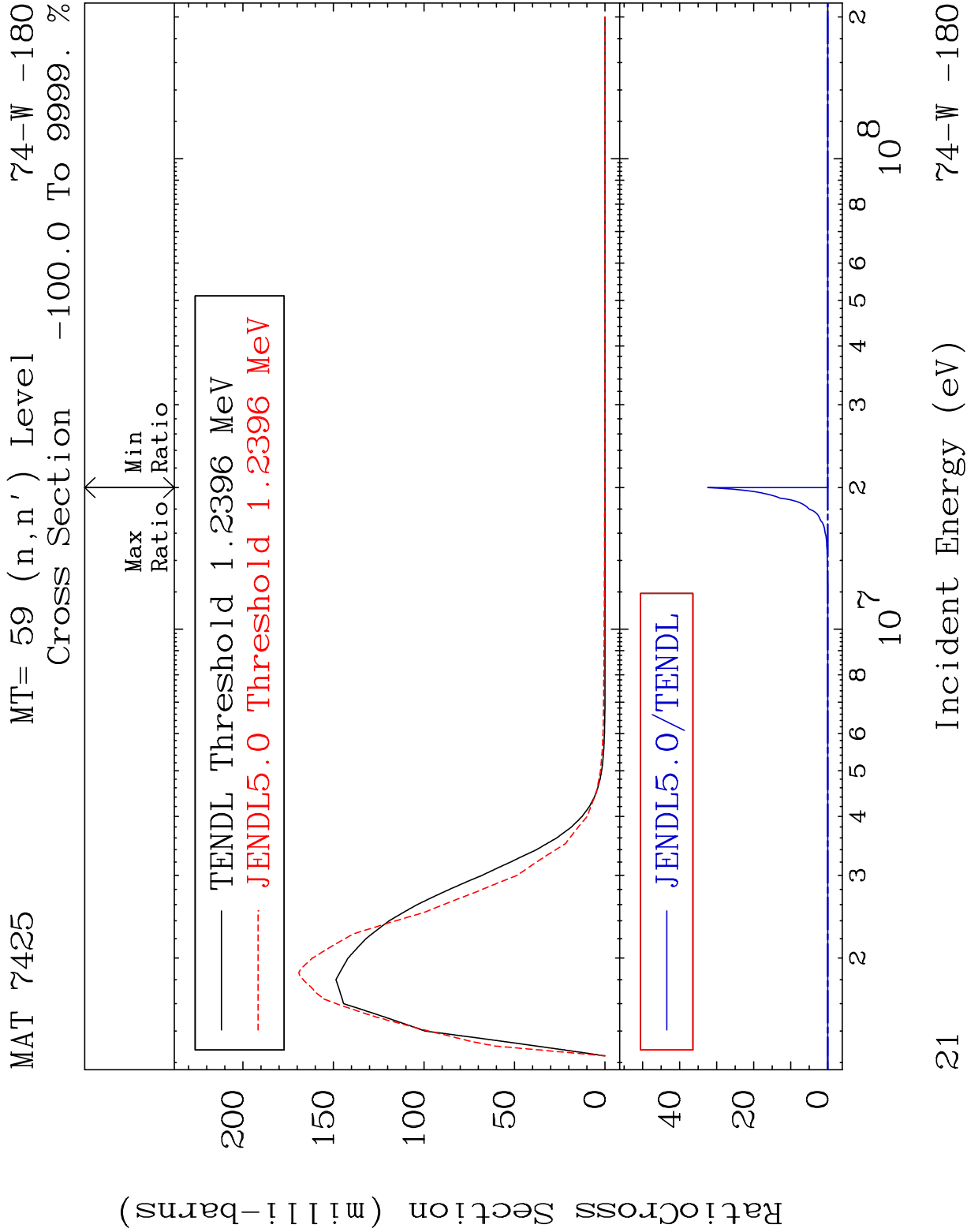


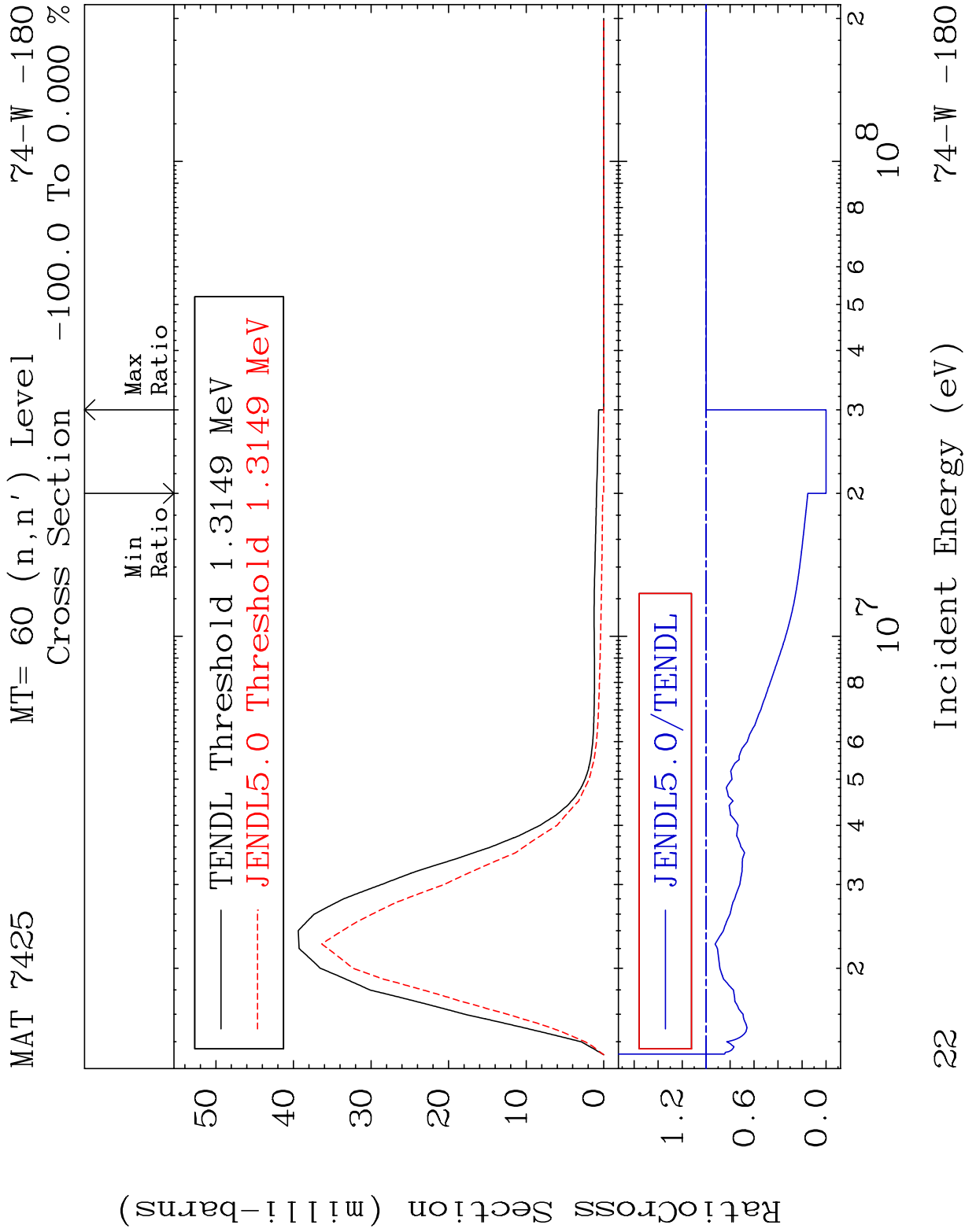


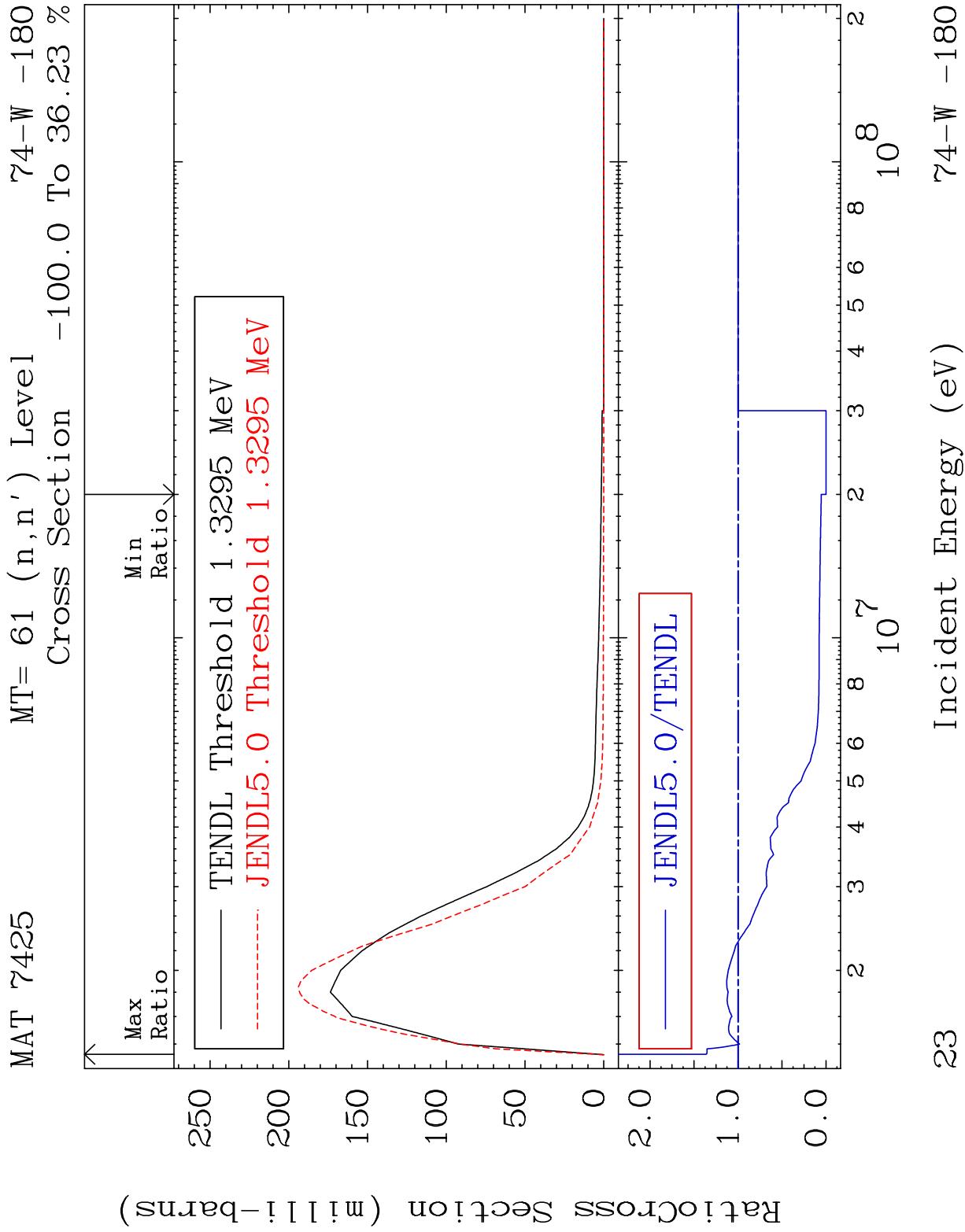


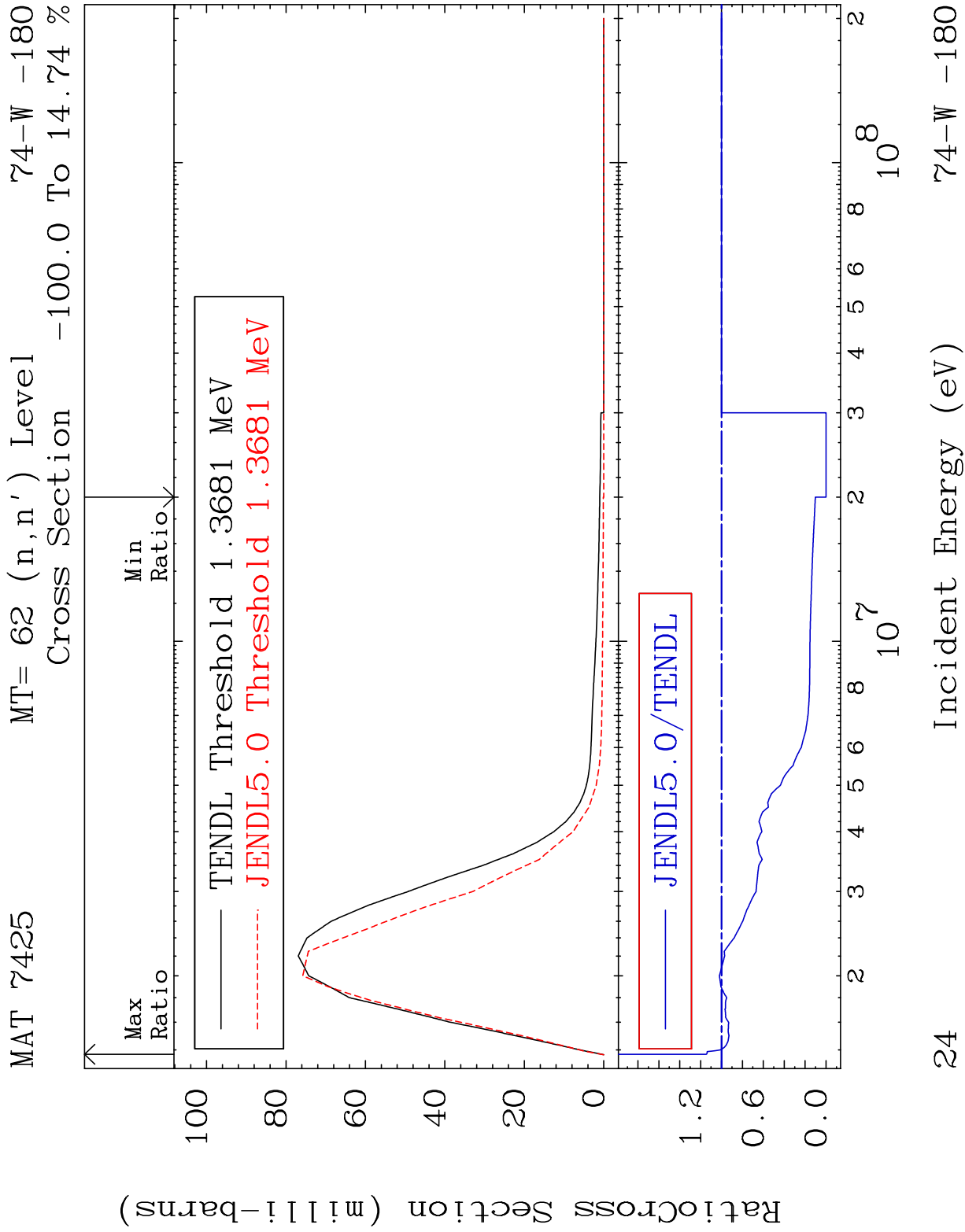
MAT 7425 MT= 58 (n,n') Level 74-W -180
Cross Section -100.0 To 9999. %

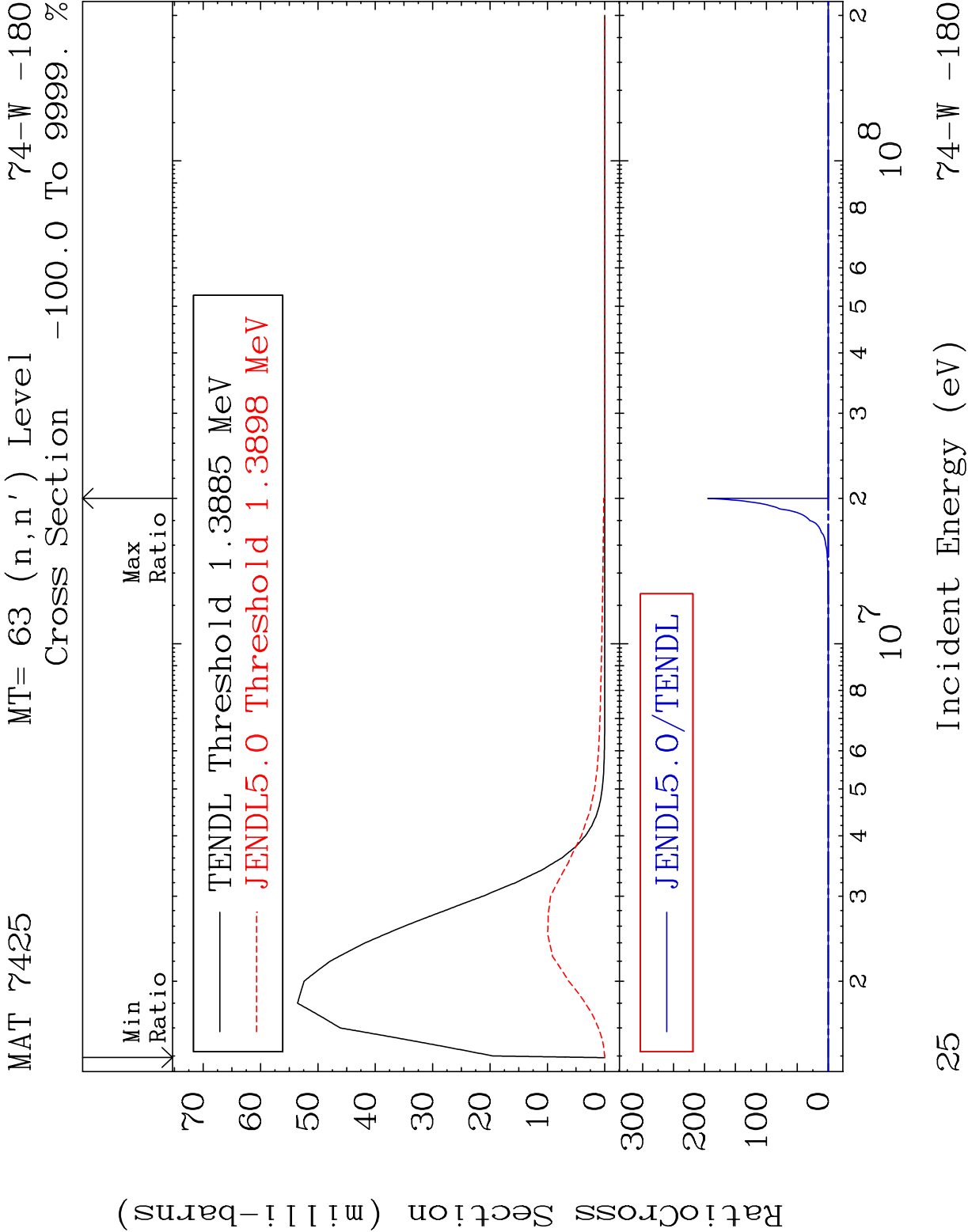


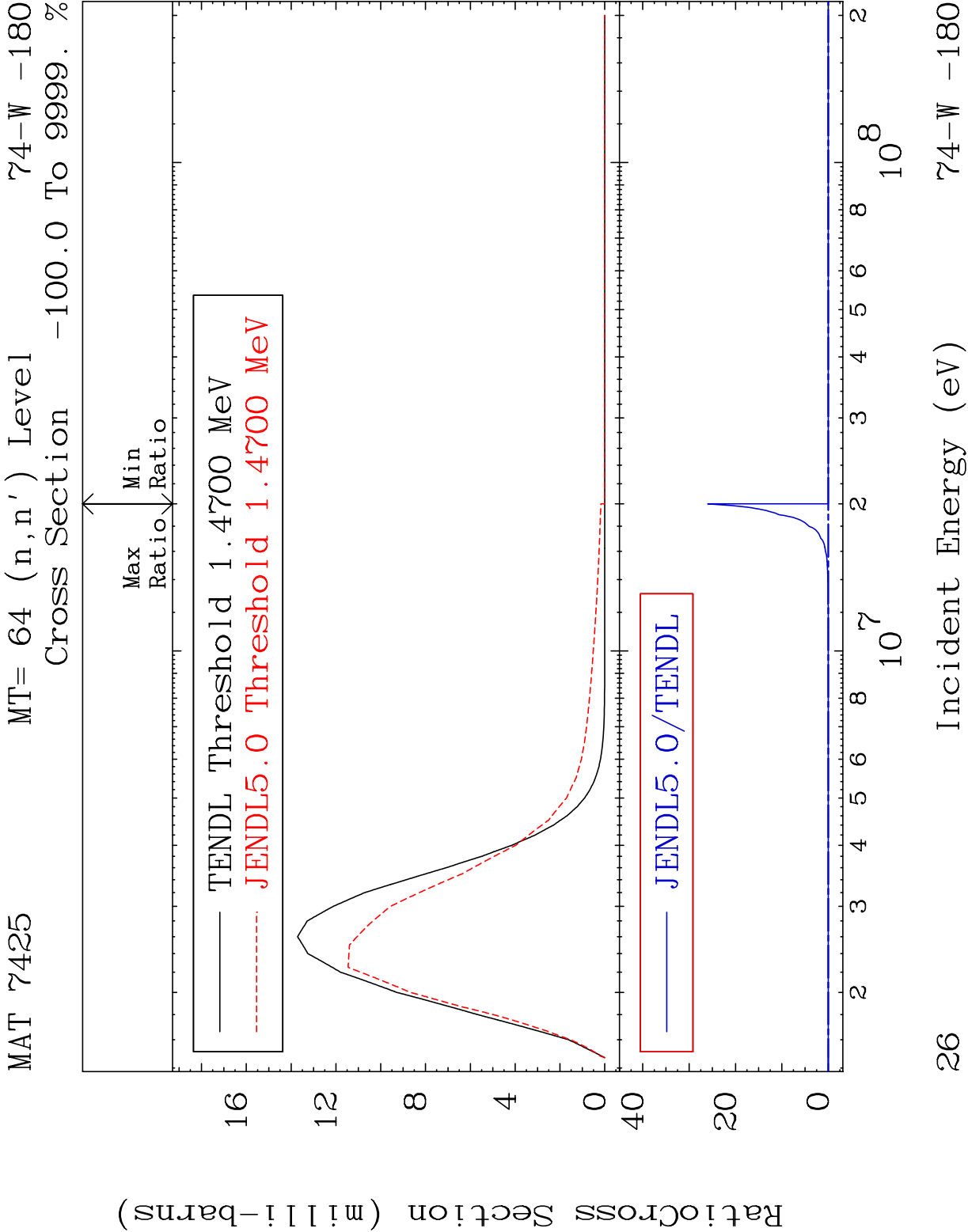


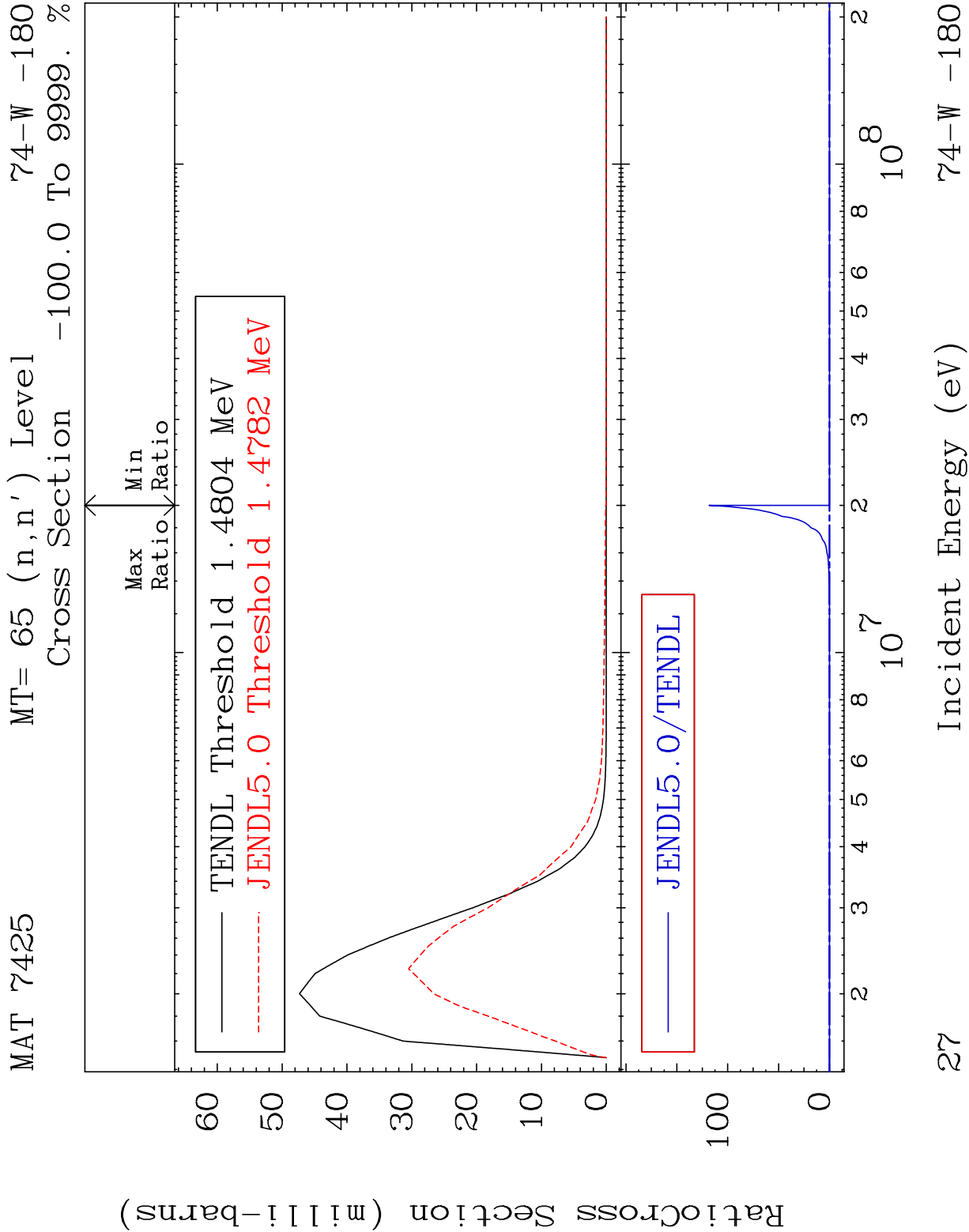


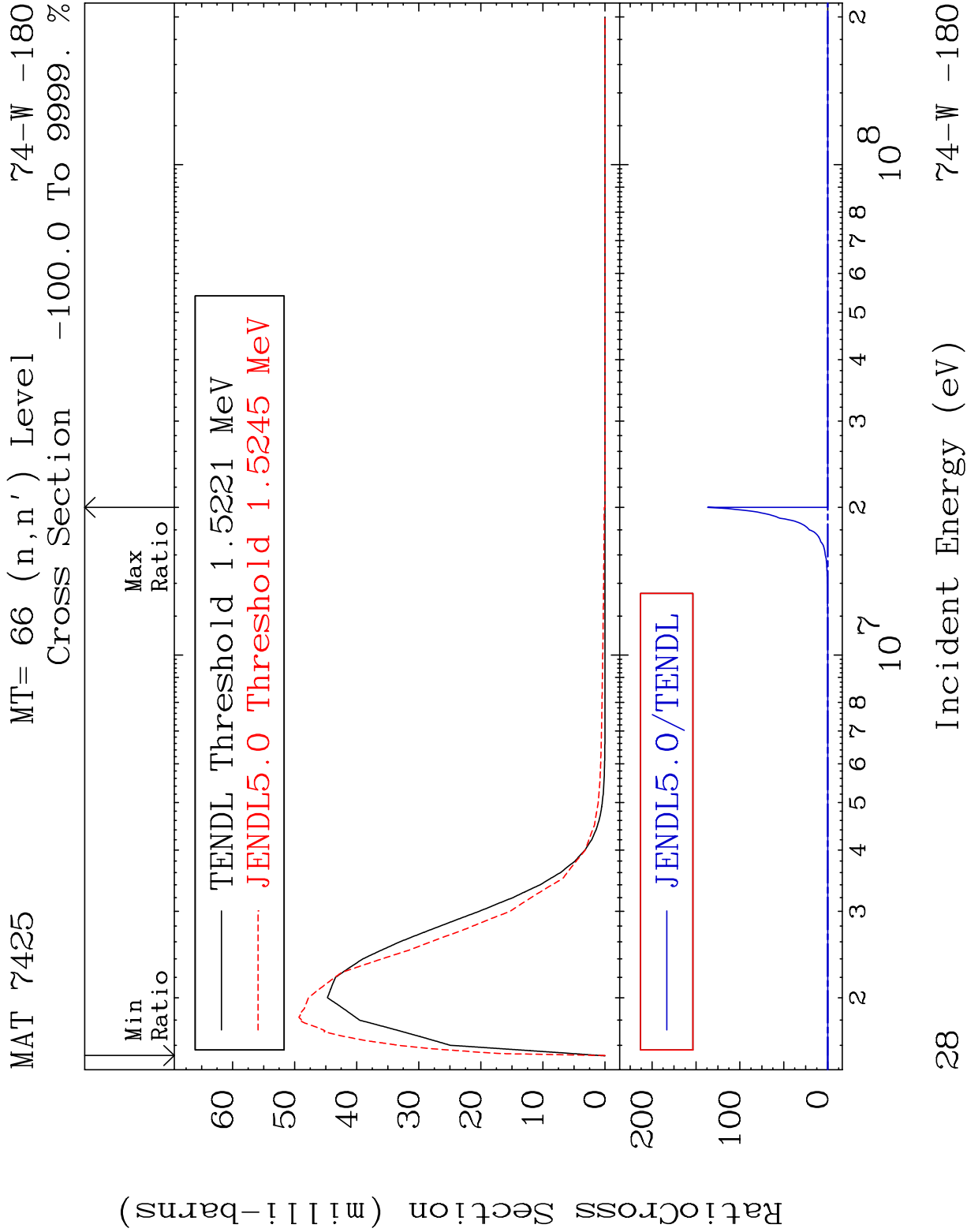


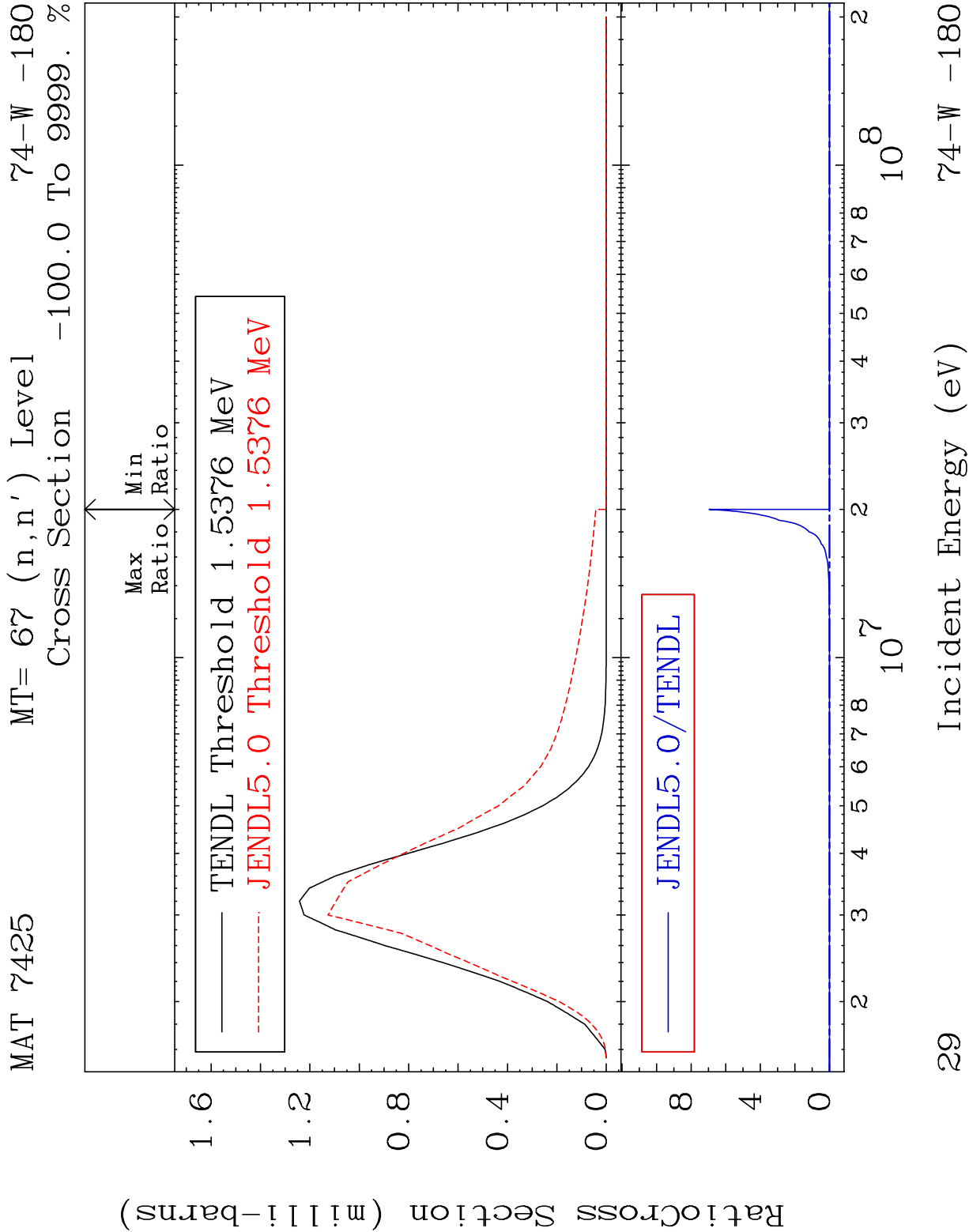


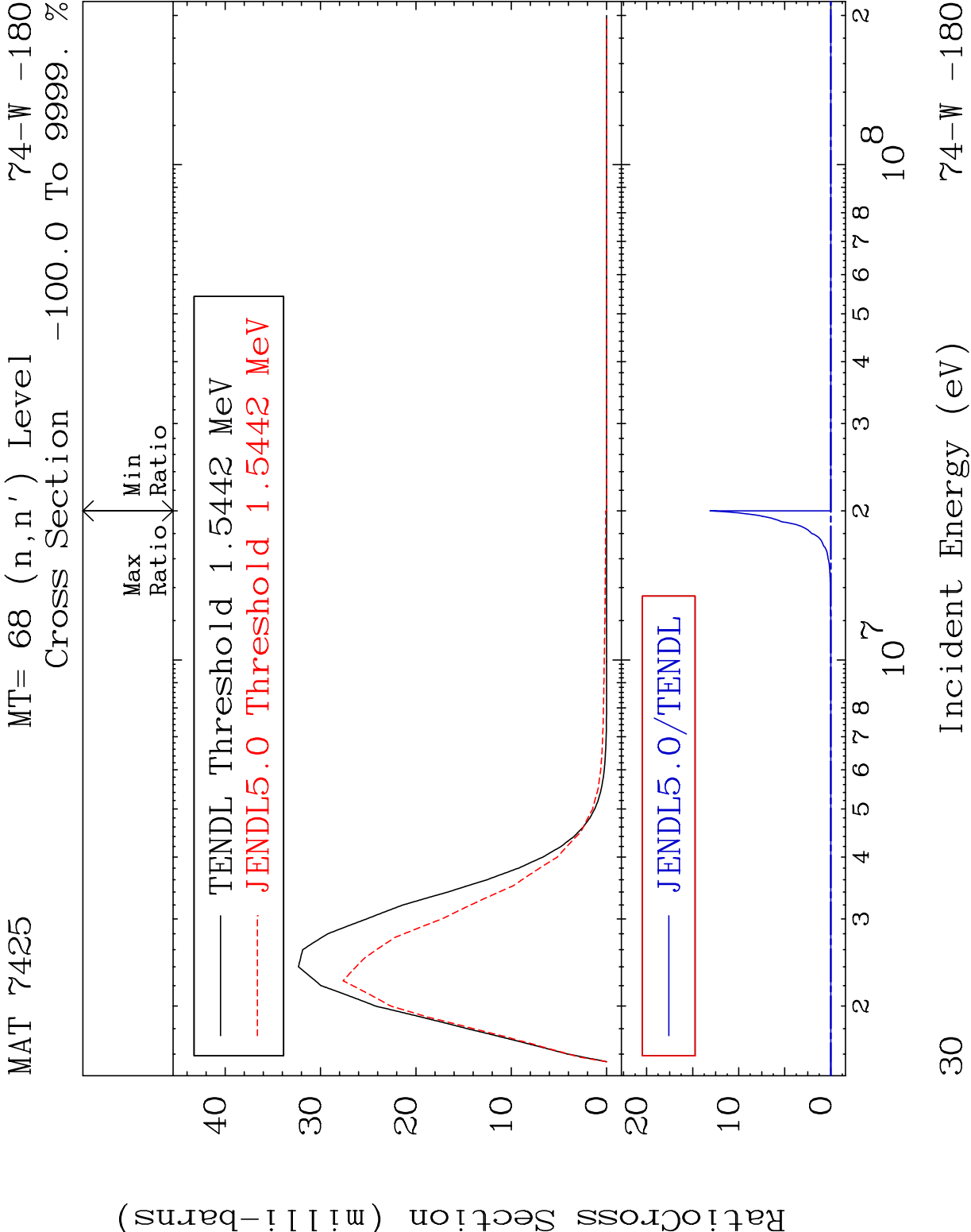










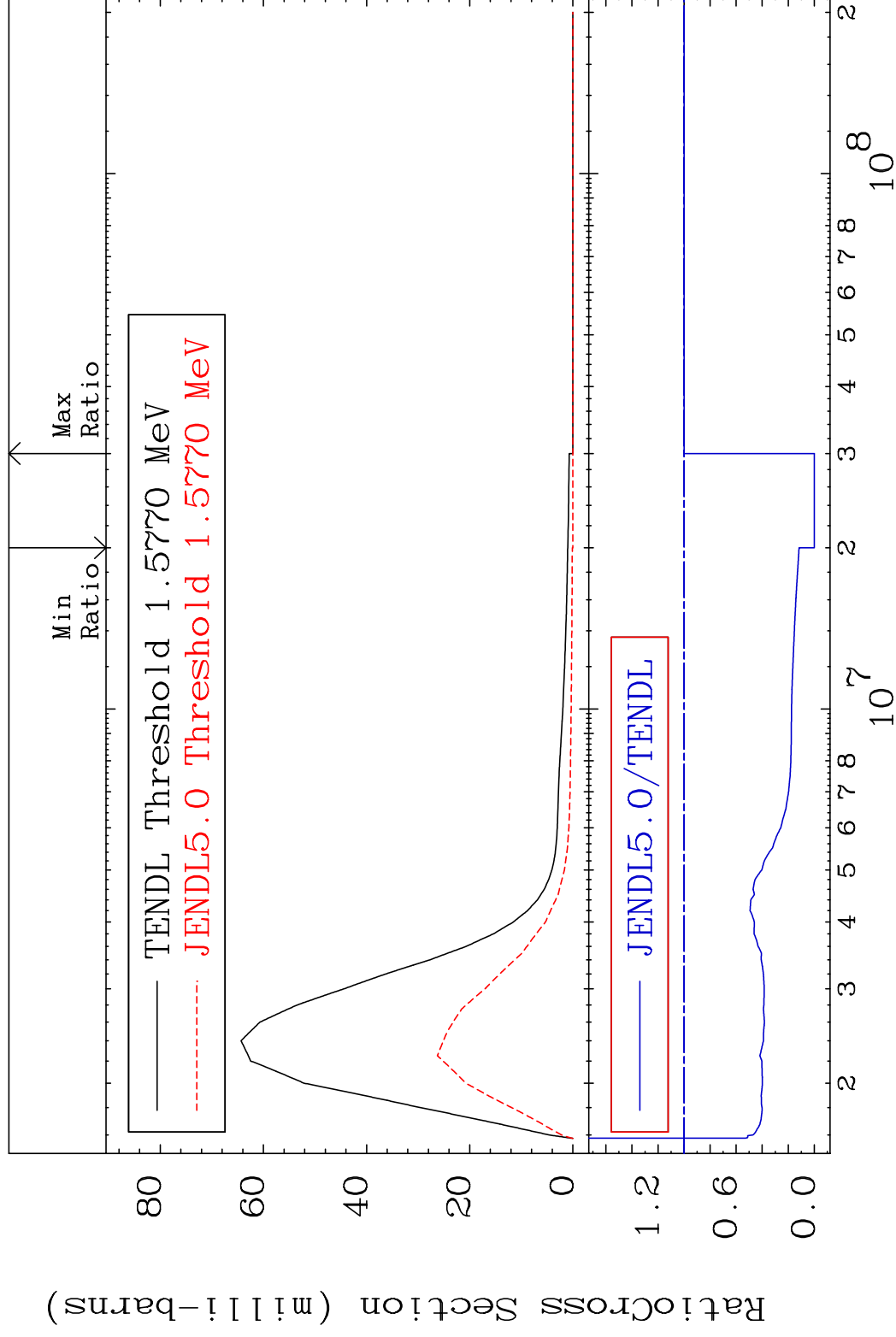


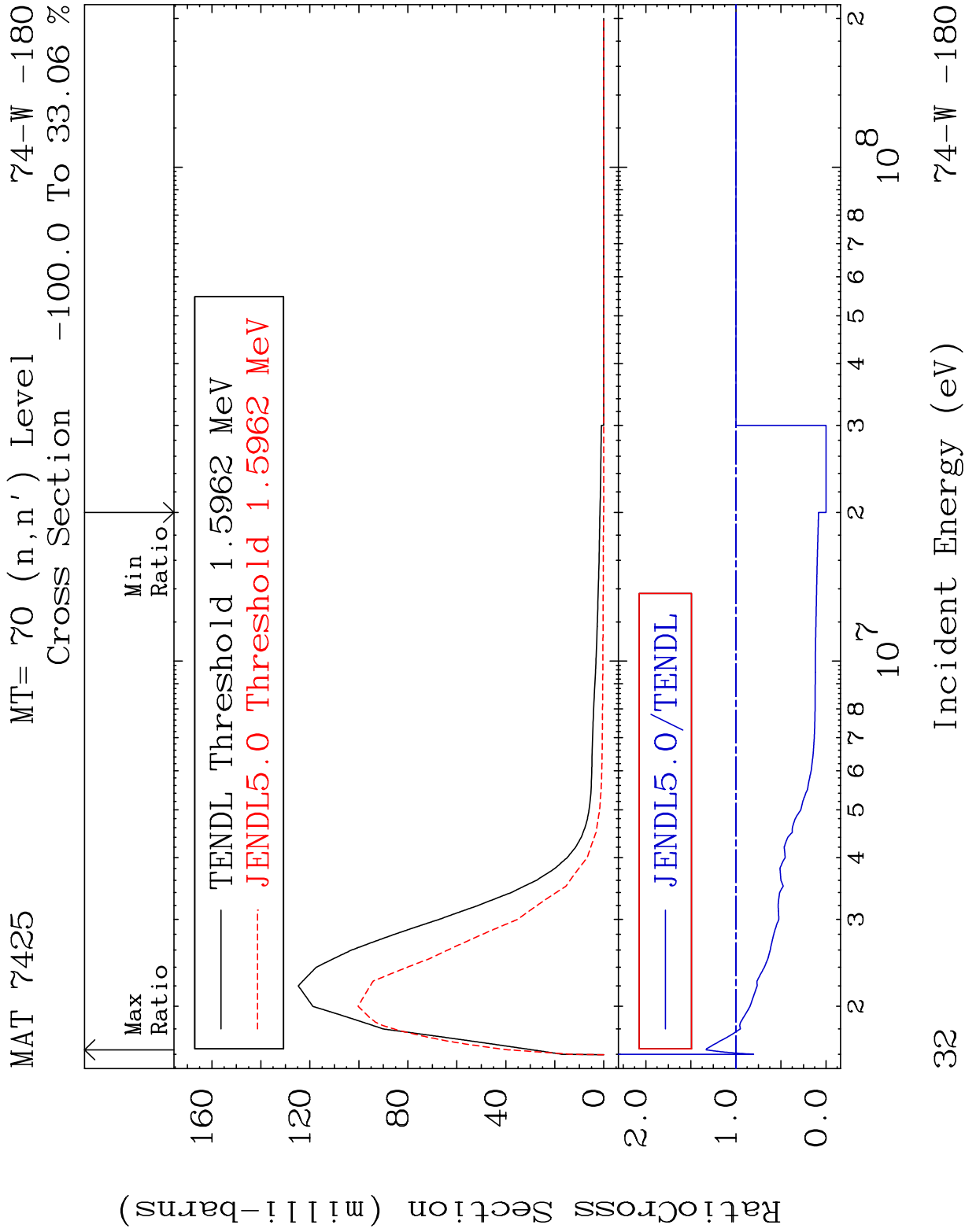
MAT 7425

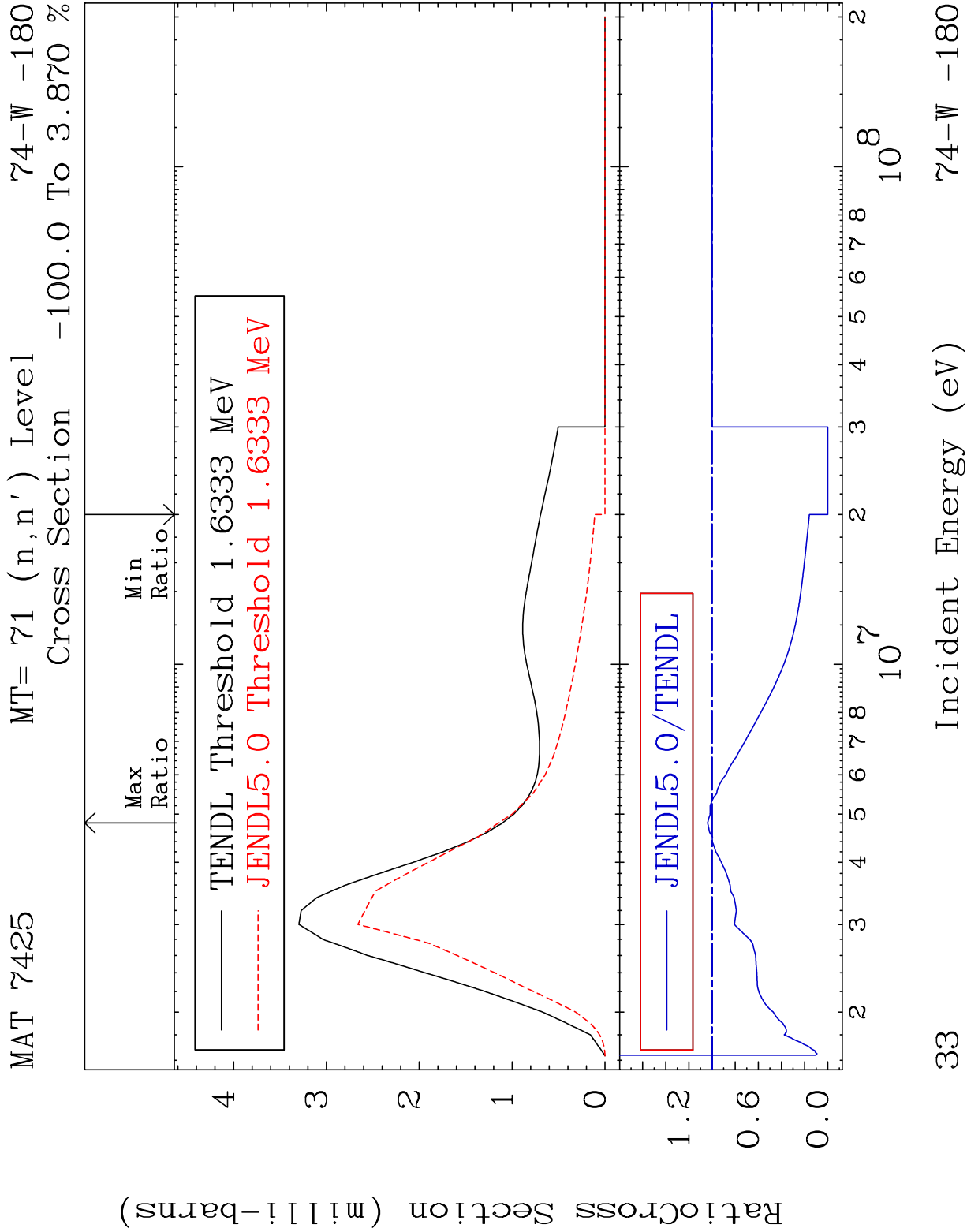
MT= 69 (n, n') Level

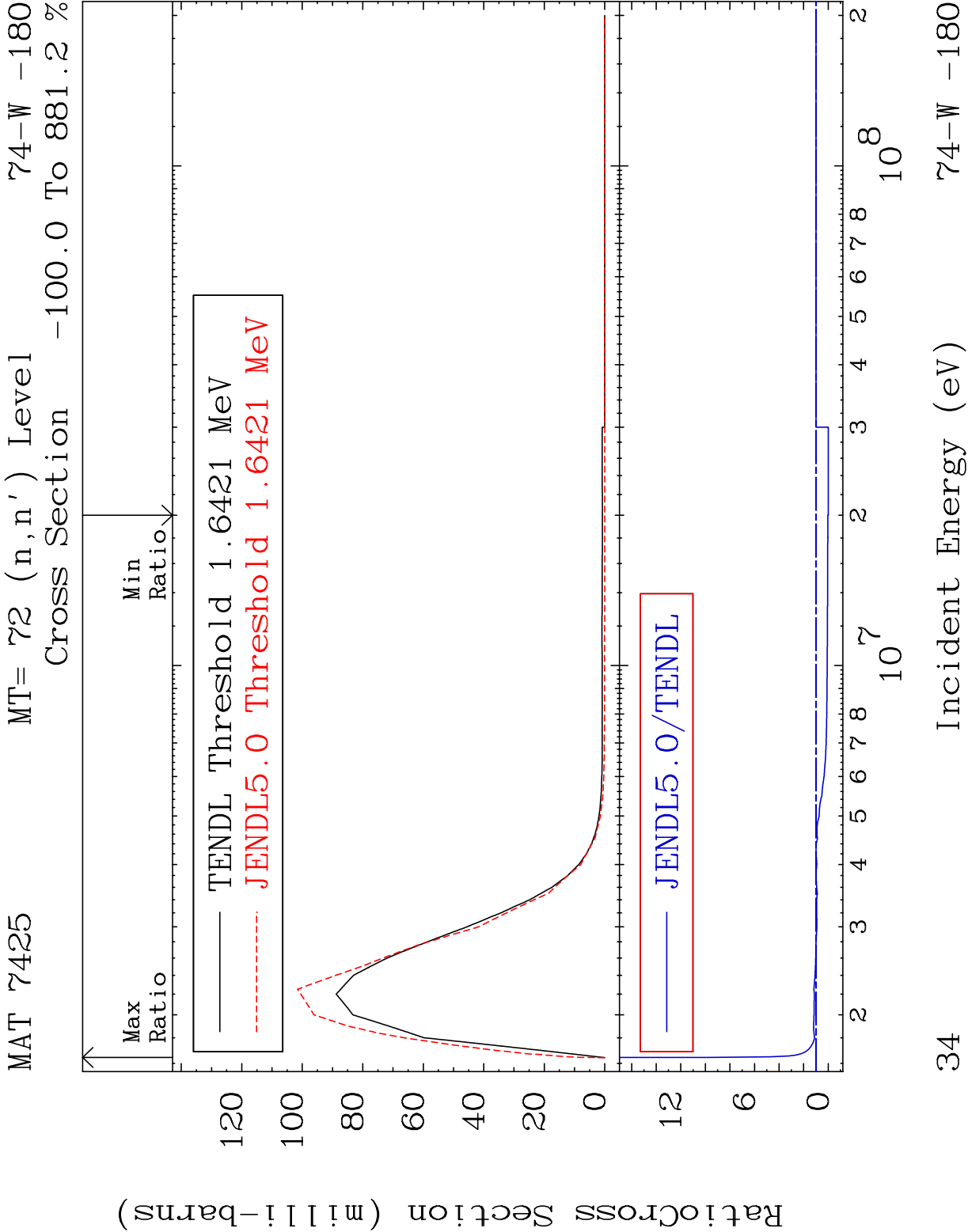
74-W-180

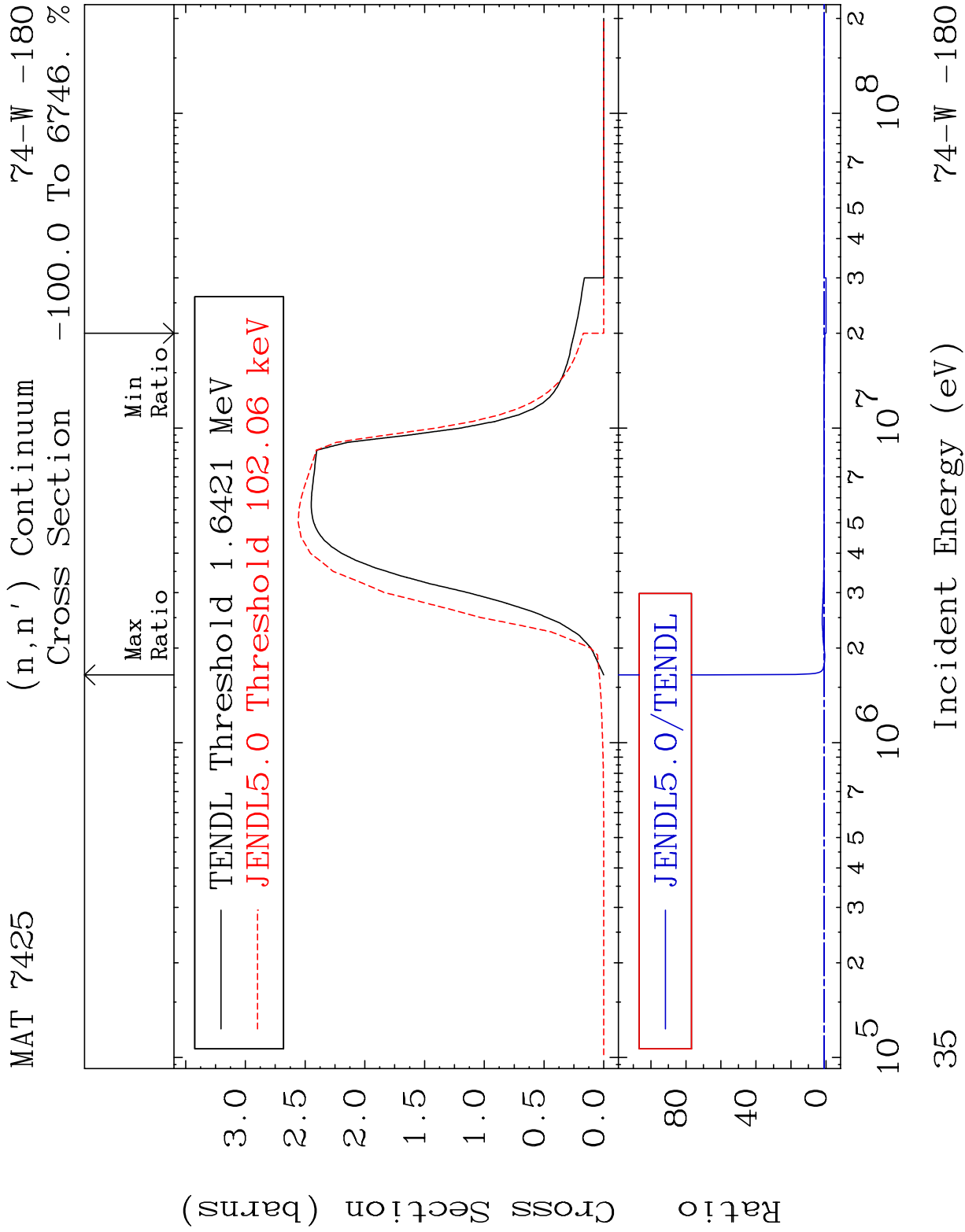
Cross Section	-100.0 To 0.000 %

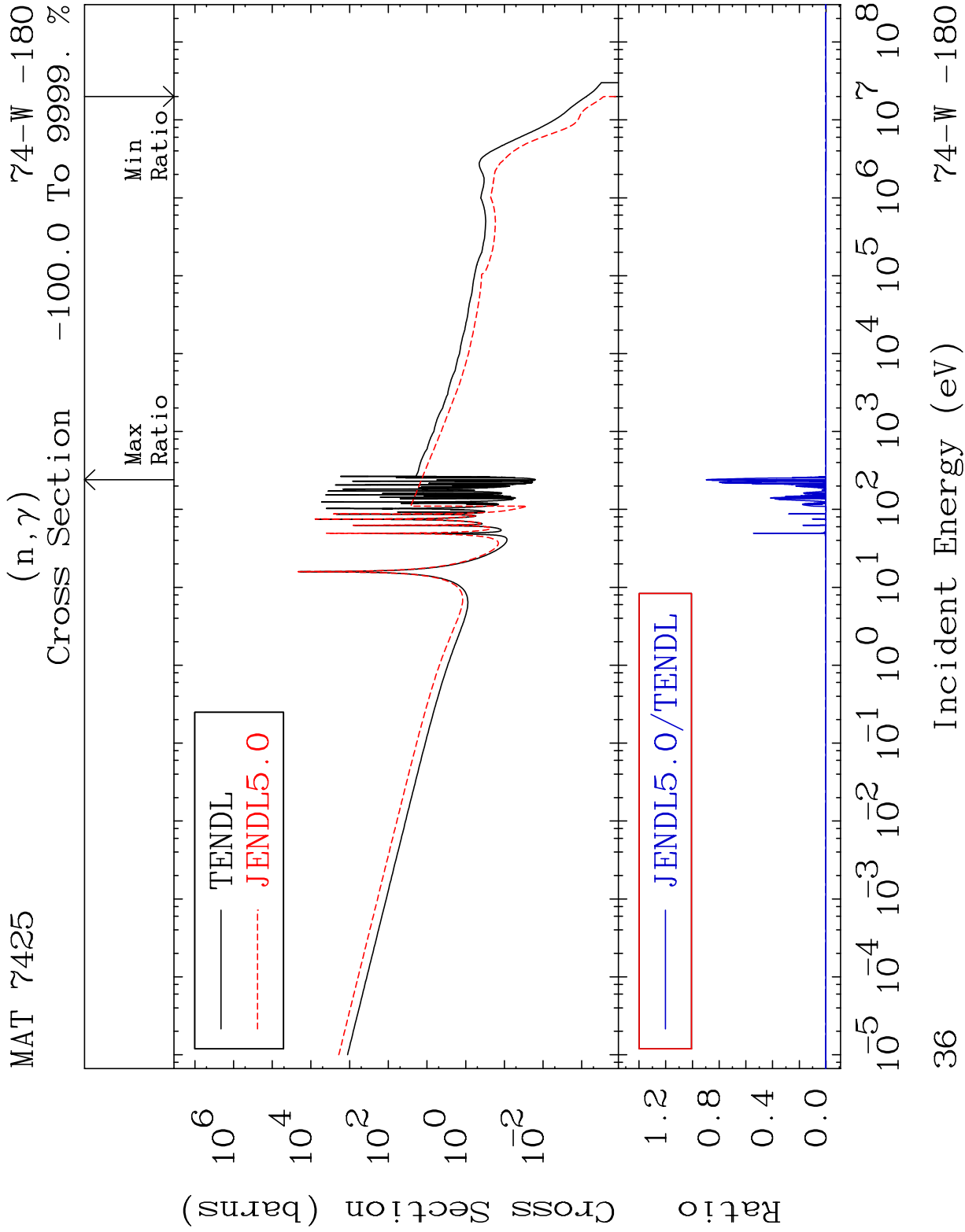


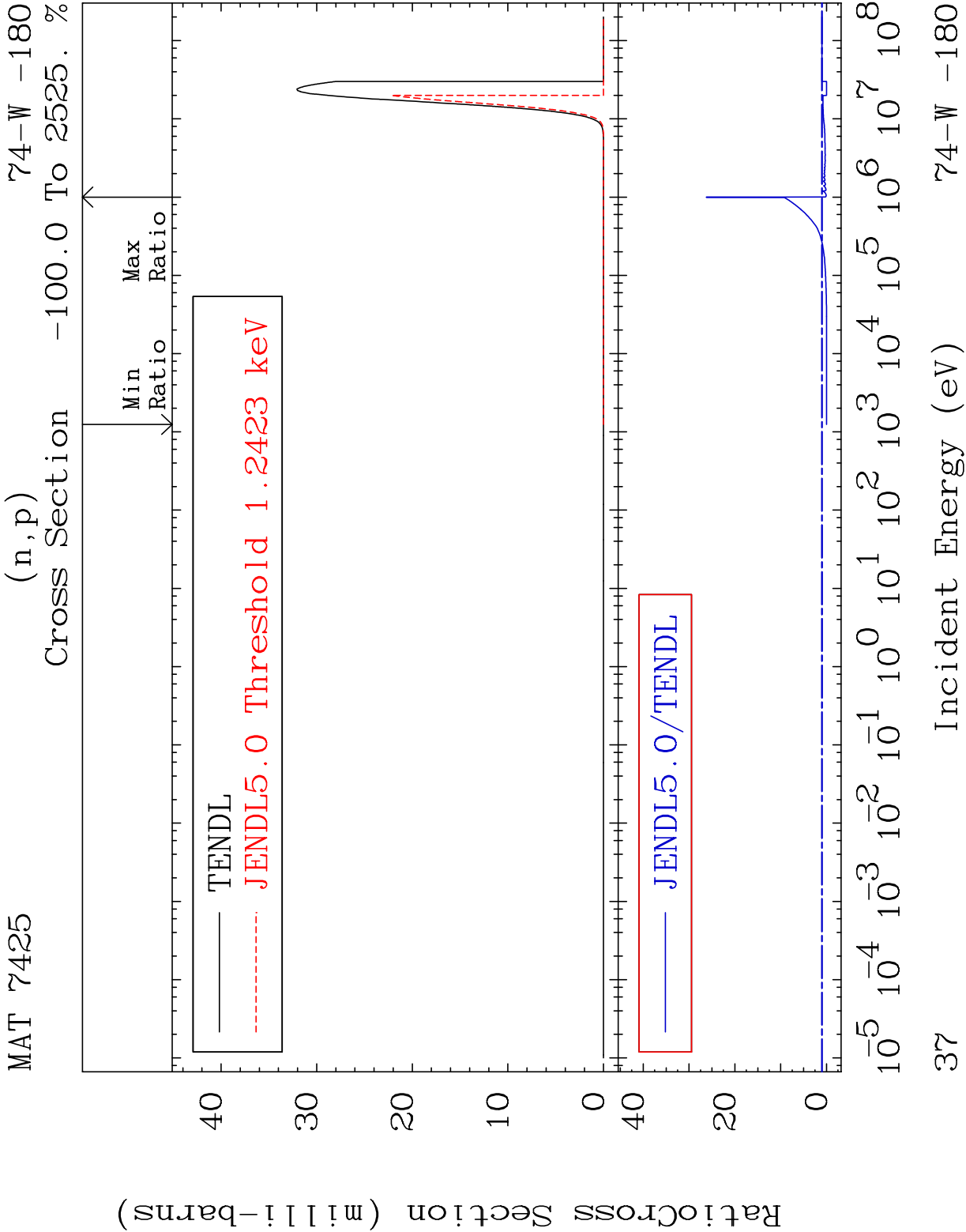


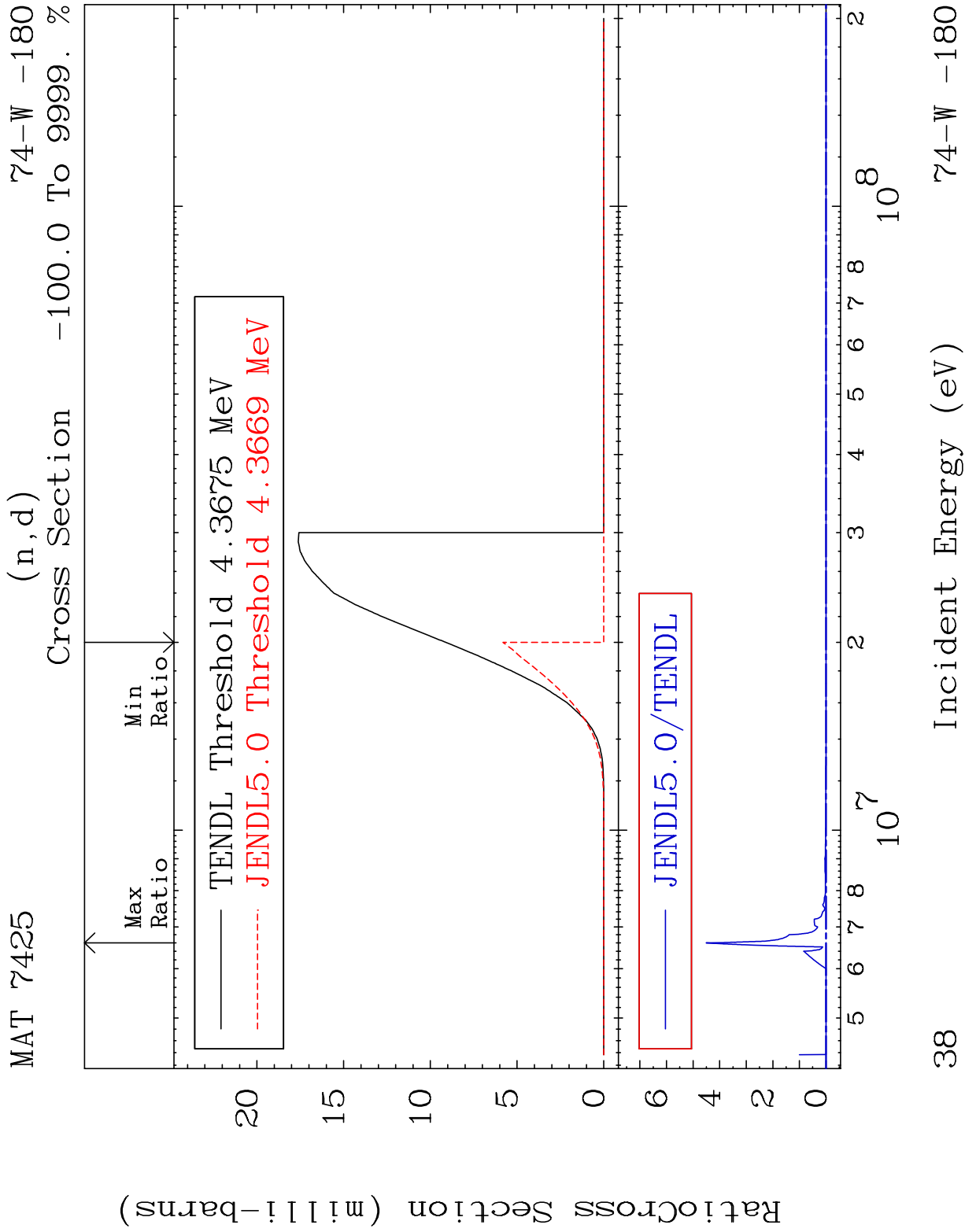


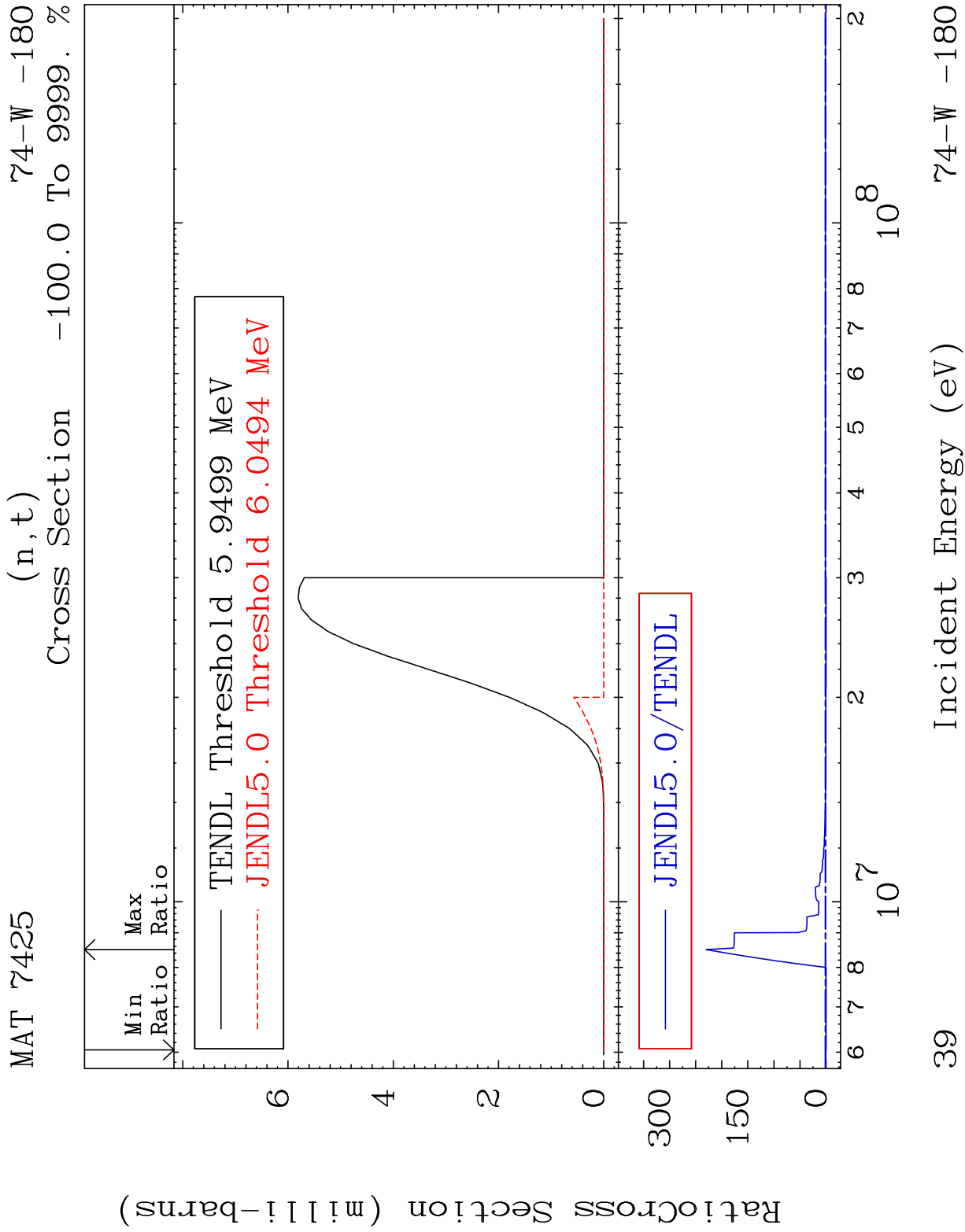


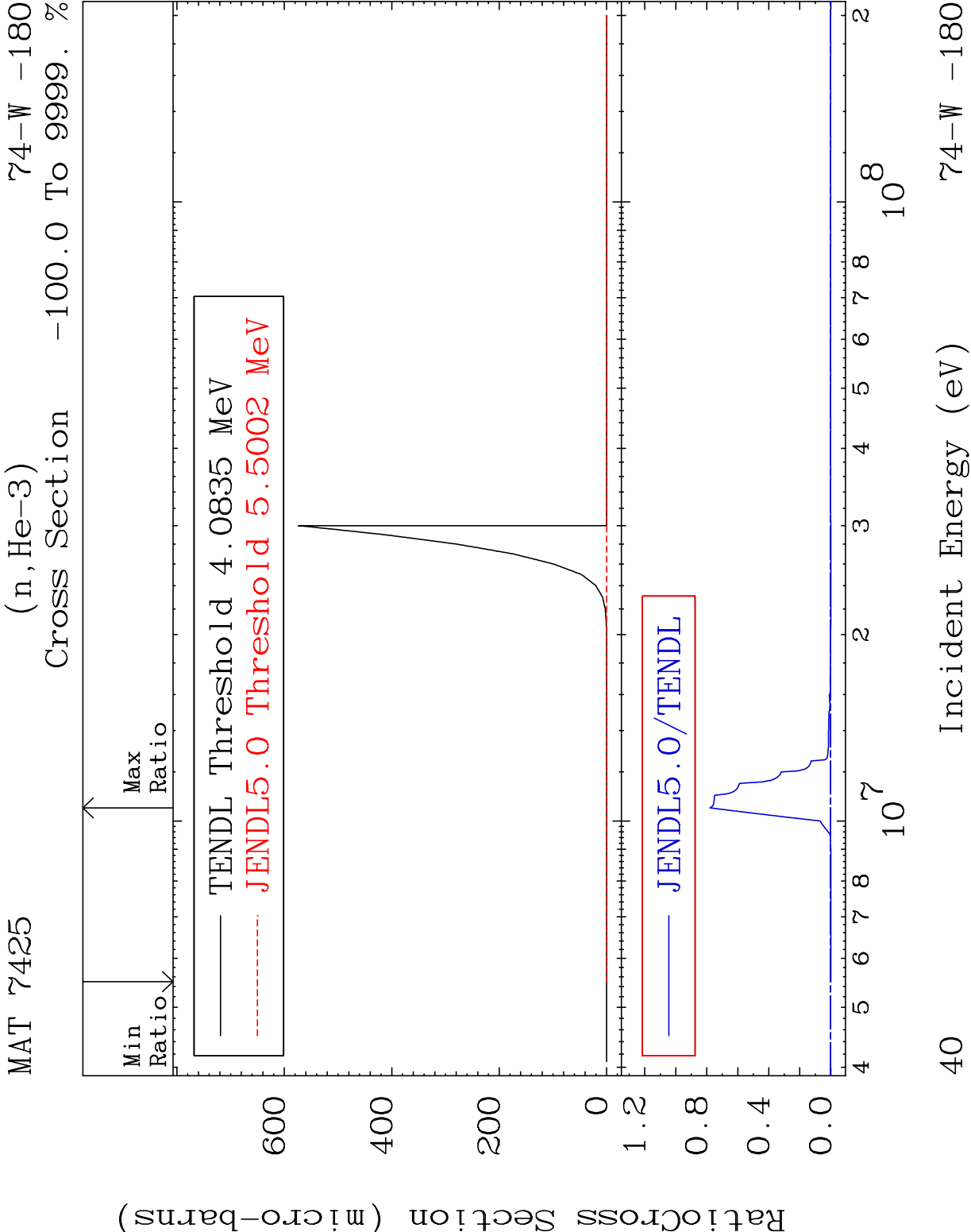










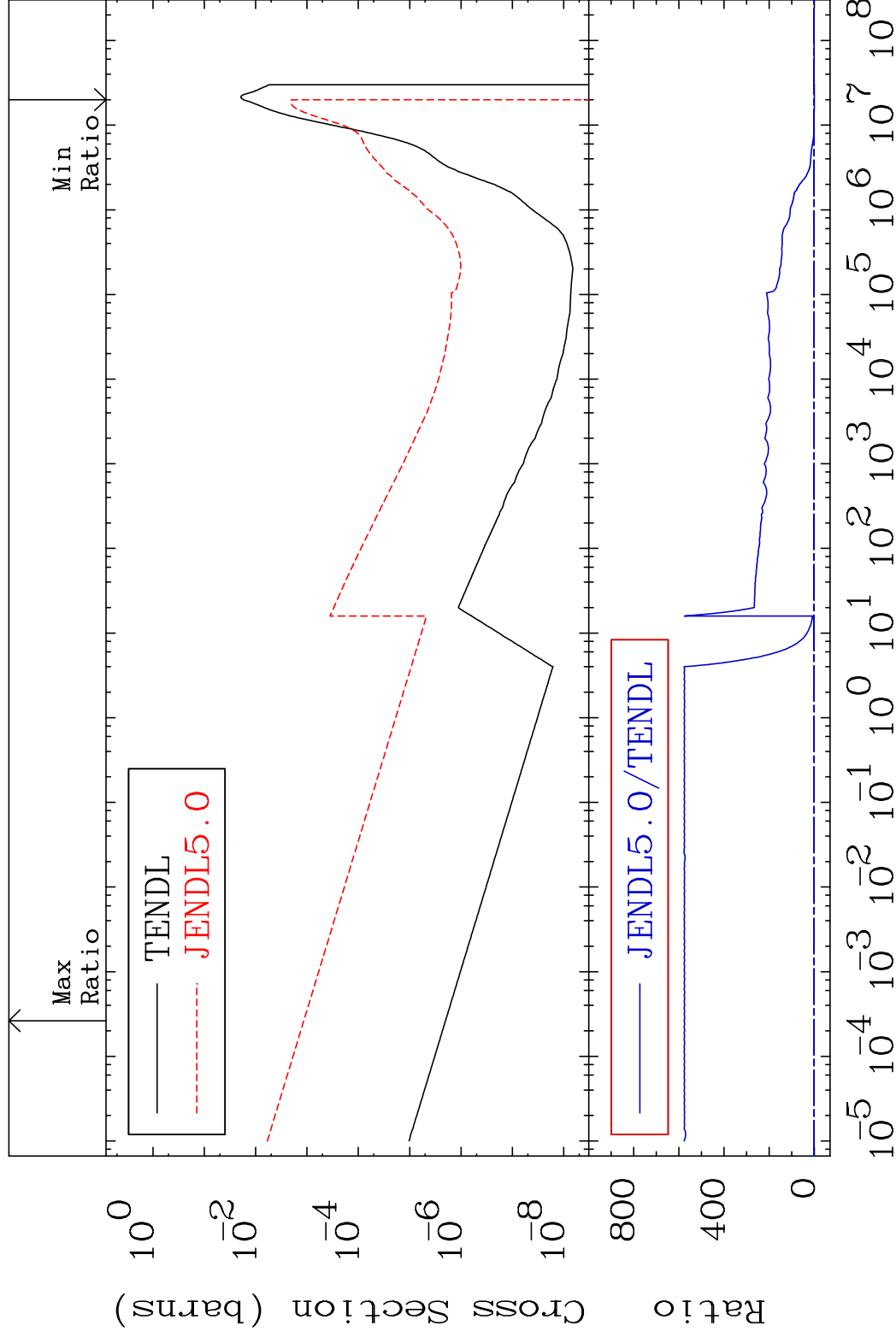


MAT 7425

$$(n, \alpha)$$

Cross Section

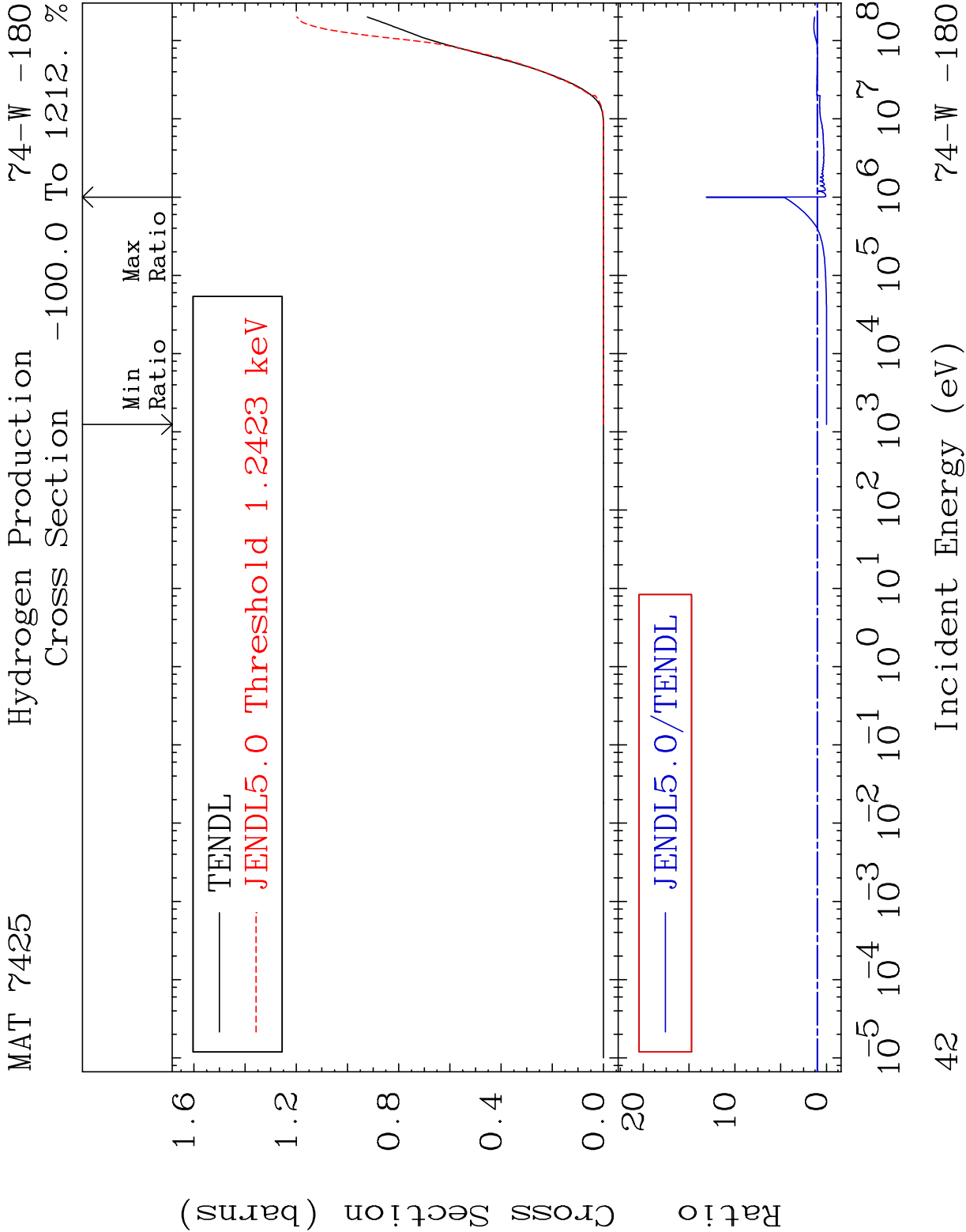
74-W -180
To 9999. %

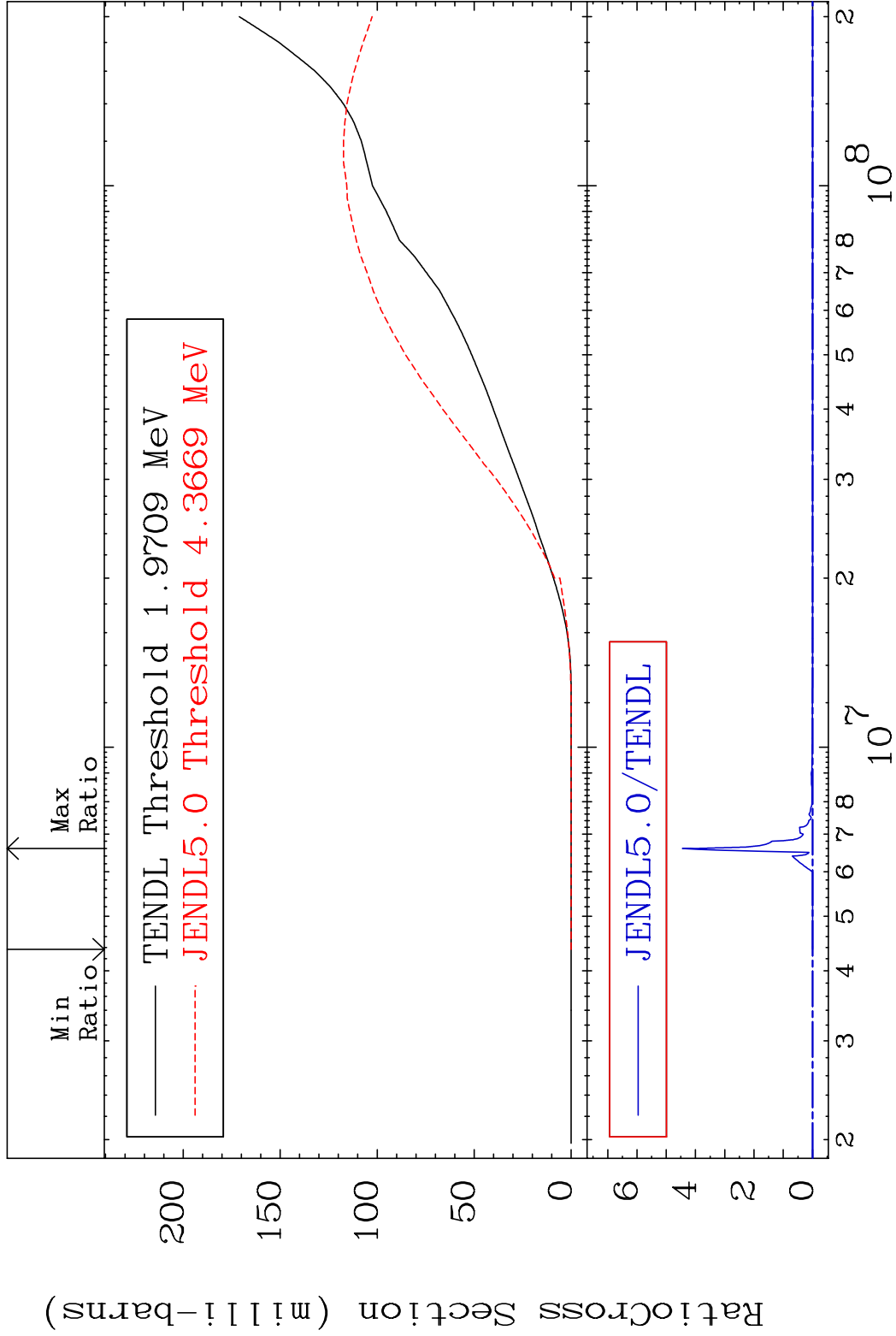


41

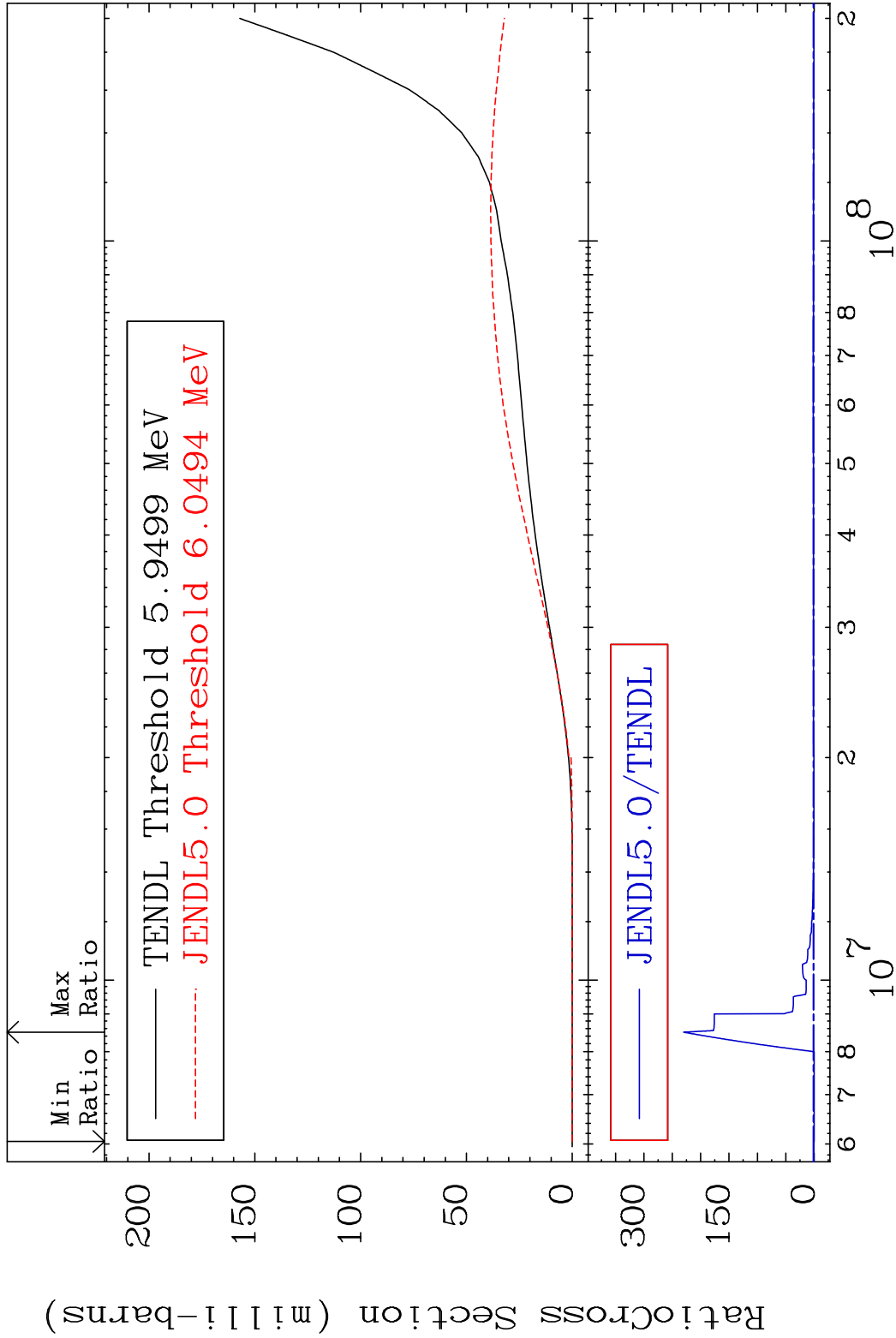
Incident Energy (eV)

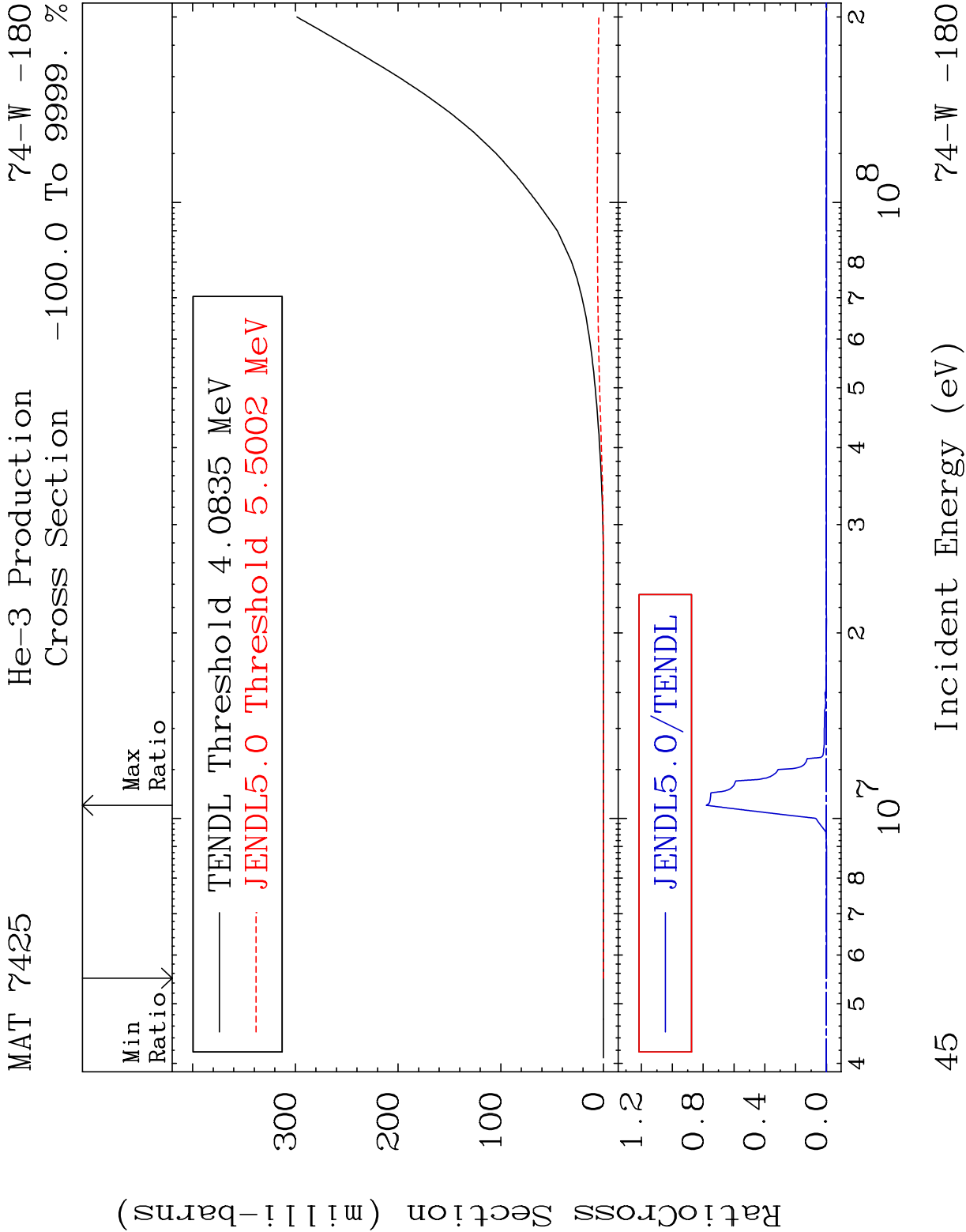
24-W -180

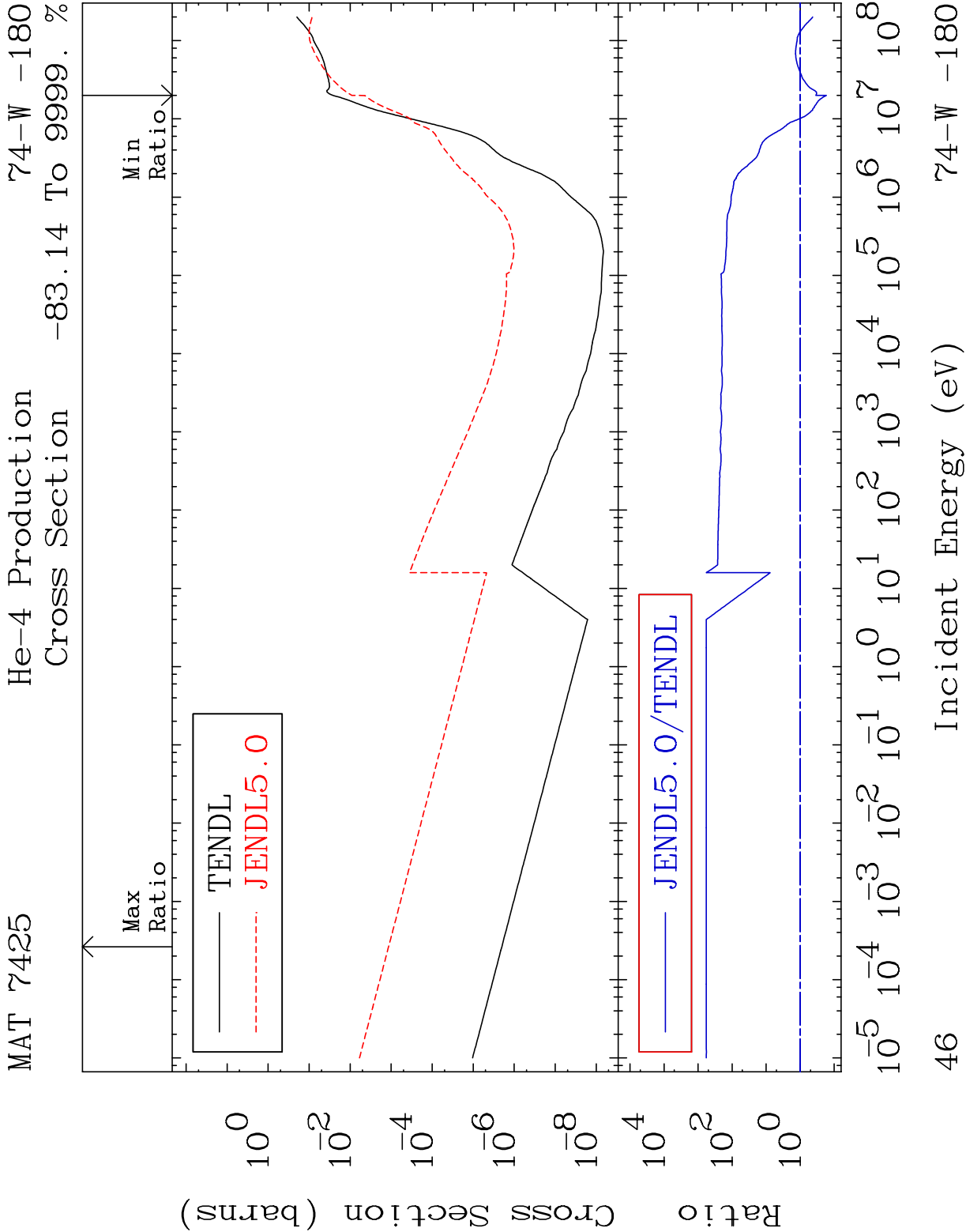




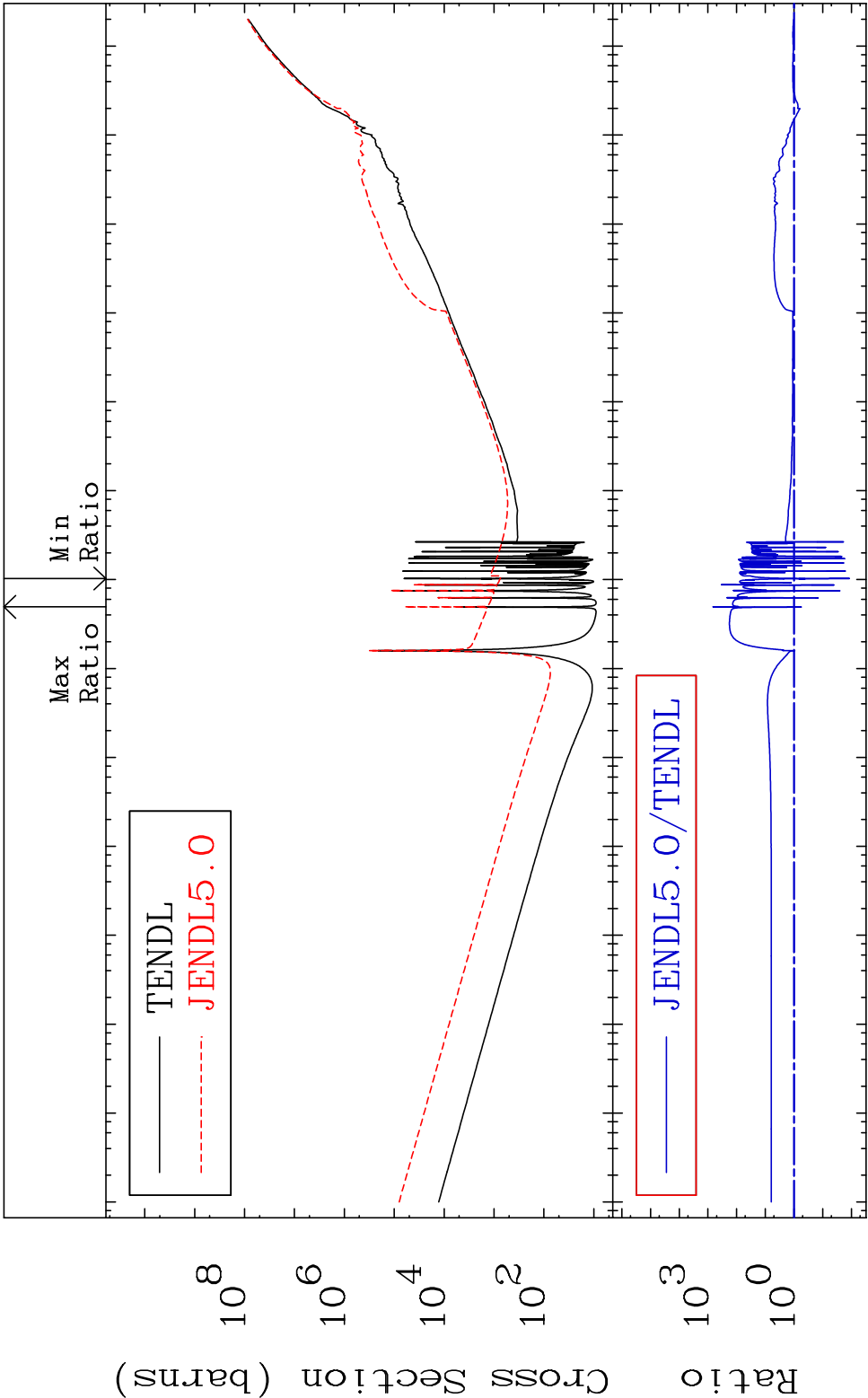
MAT 7425 Tritium Production 74-W -180
Cross Section -100.0 To 9999. %





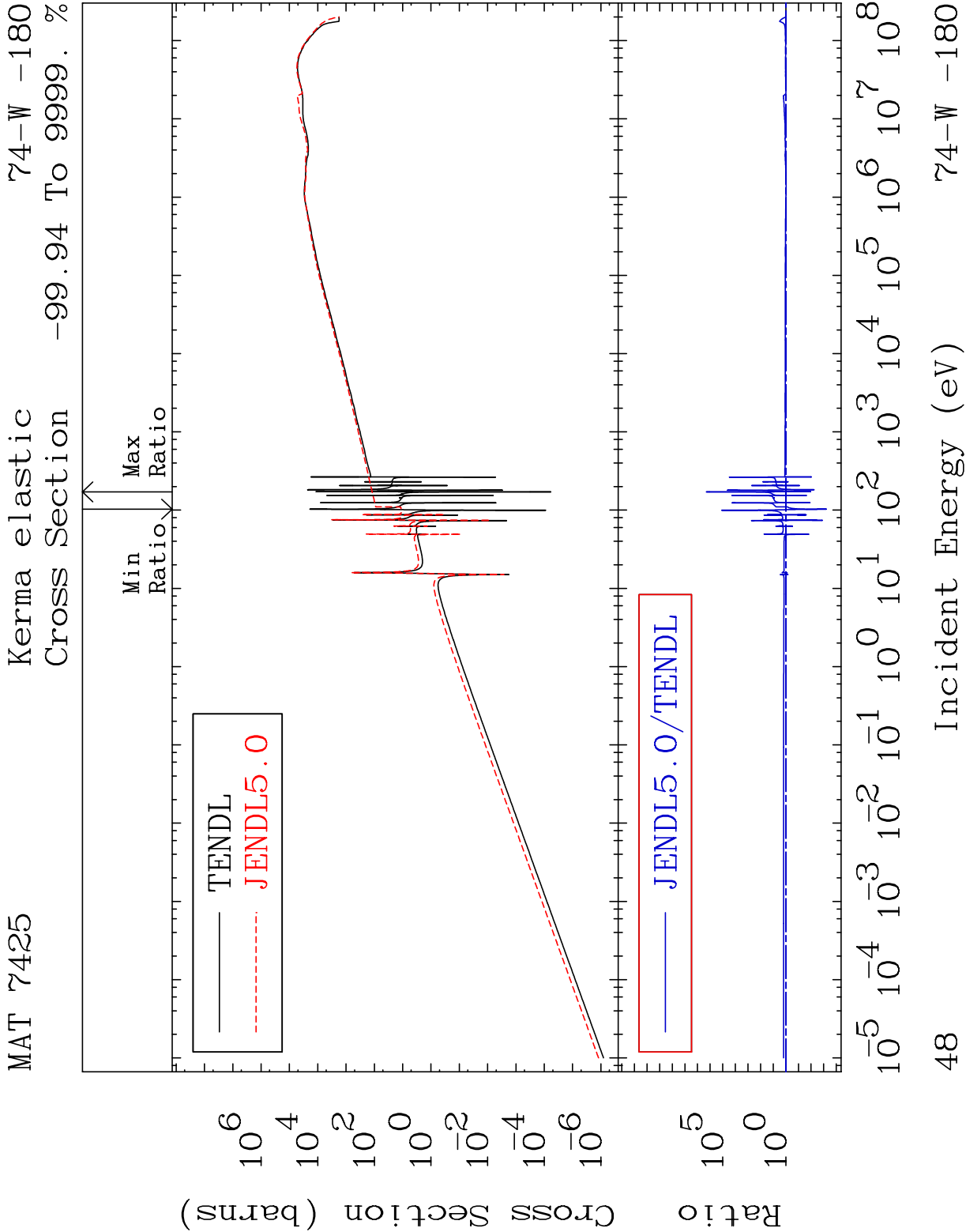


MAT 7425 Kerma total (eV-barns) 74-W -180
Cross Section -98.83 To 9999. %

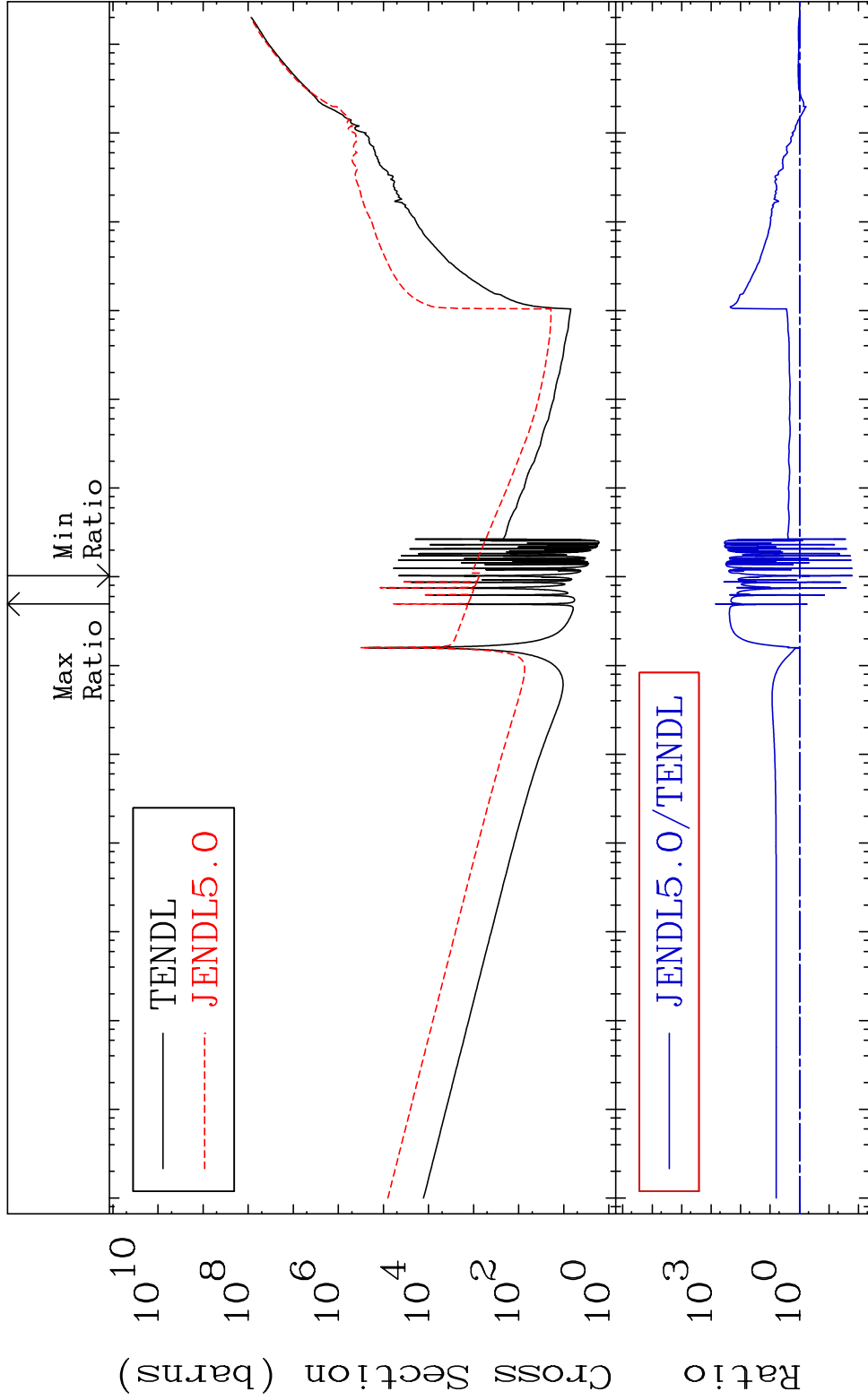


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

47 Incident Energy (eV) 74-W -180

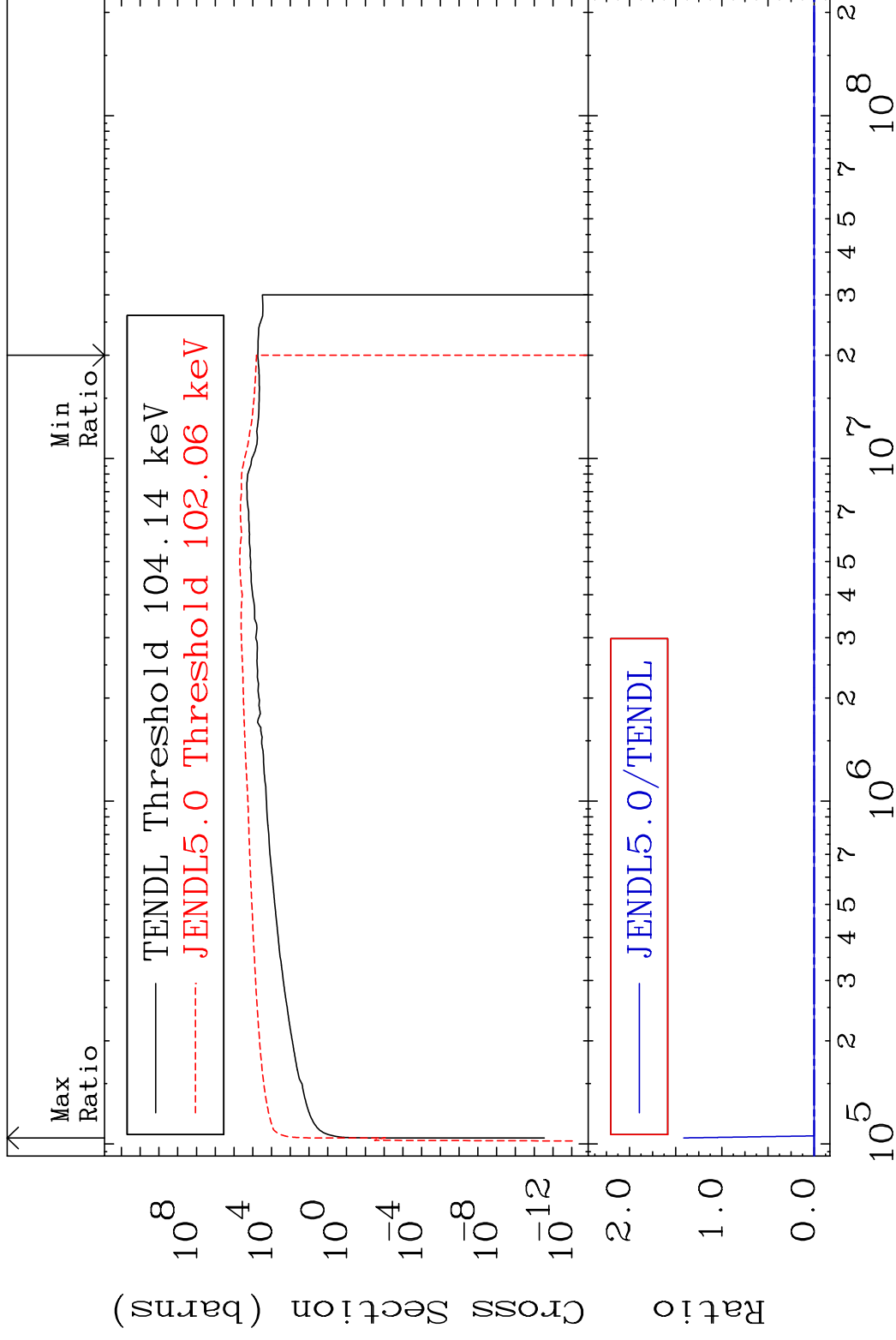


MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
Cross Section -98.37 To 9999. %



49 Incident Energy (eV) 74-W -180

MAT 7425	Kerma inelastic (mt51-91)	74-W -180
	Cross Section	-100.0 To 9999. %



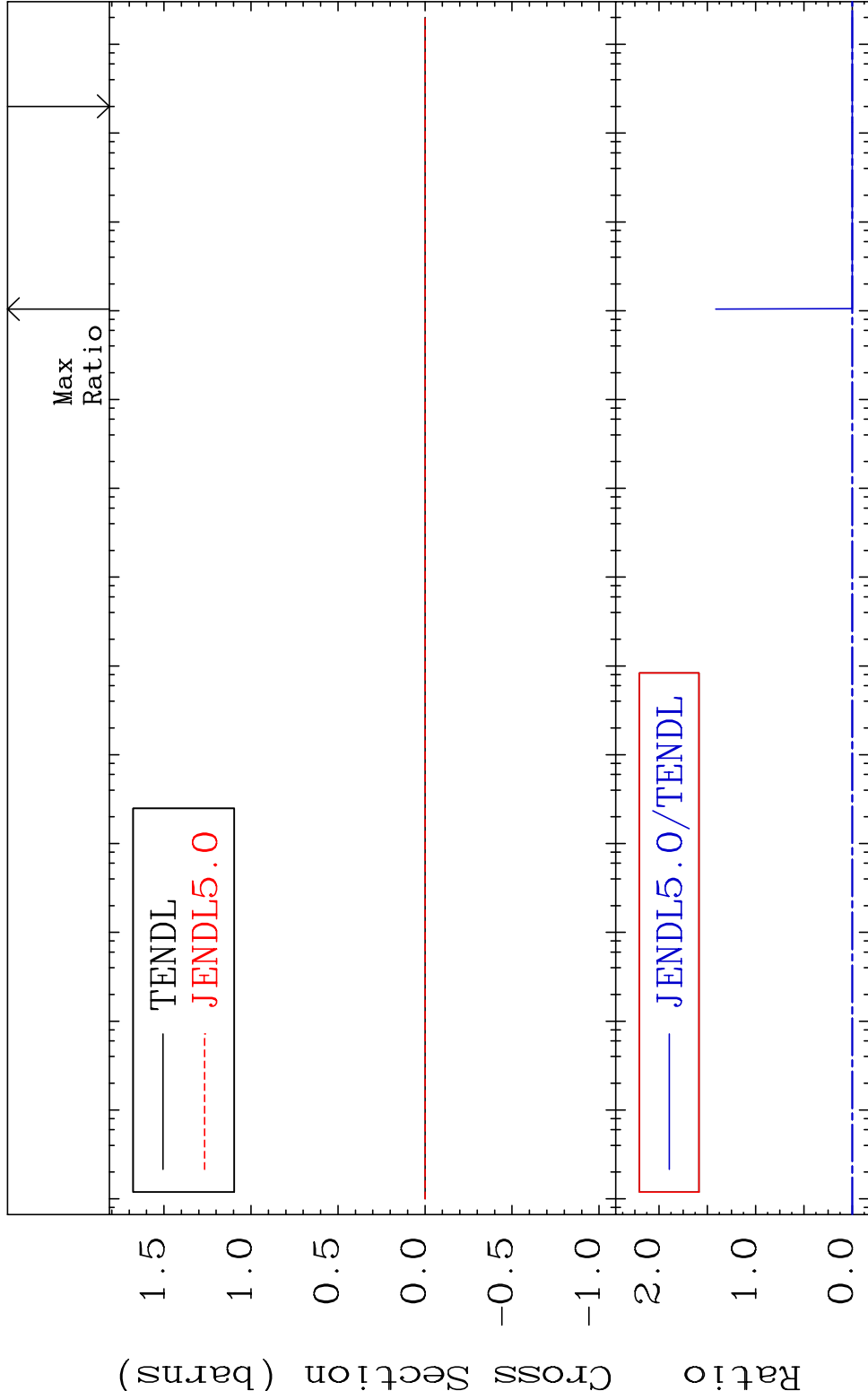
— TENDL Threshold 104.14 keV
 - - - JENDL5.0 Threshold 102.06 keV

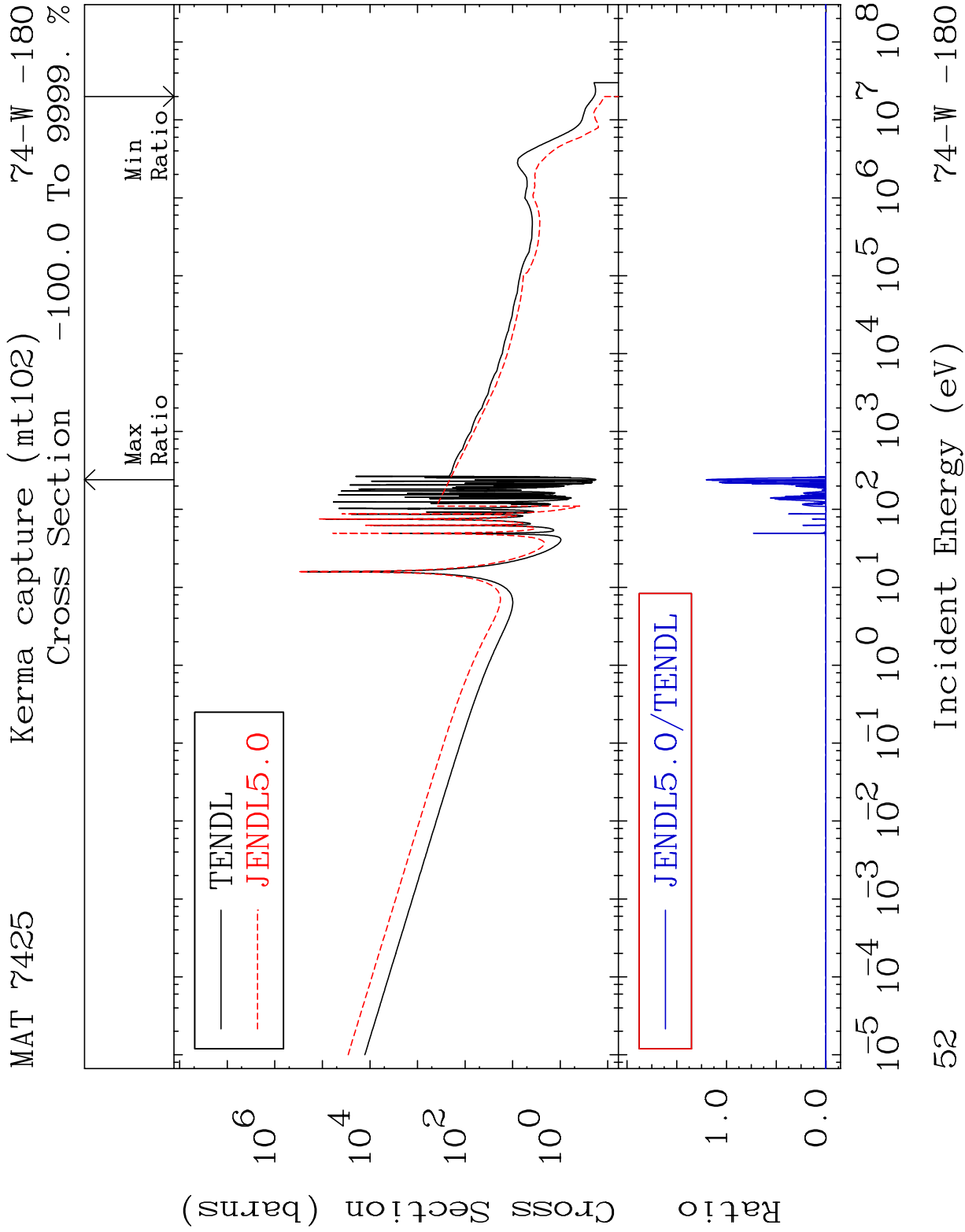
— JENDL5.0/TENDL

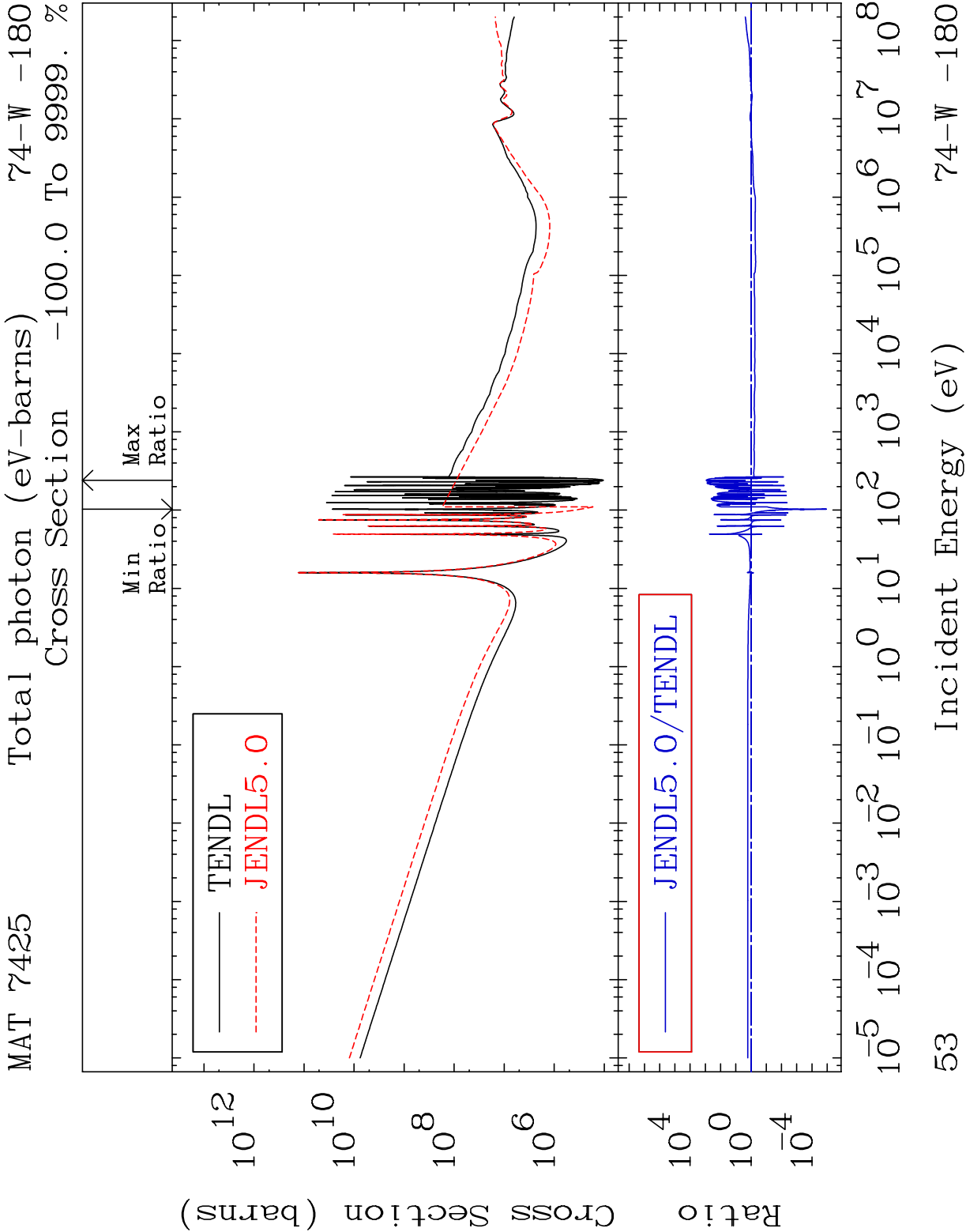
Incident Energy (eV)	74-W	-180
50		

MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180

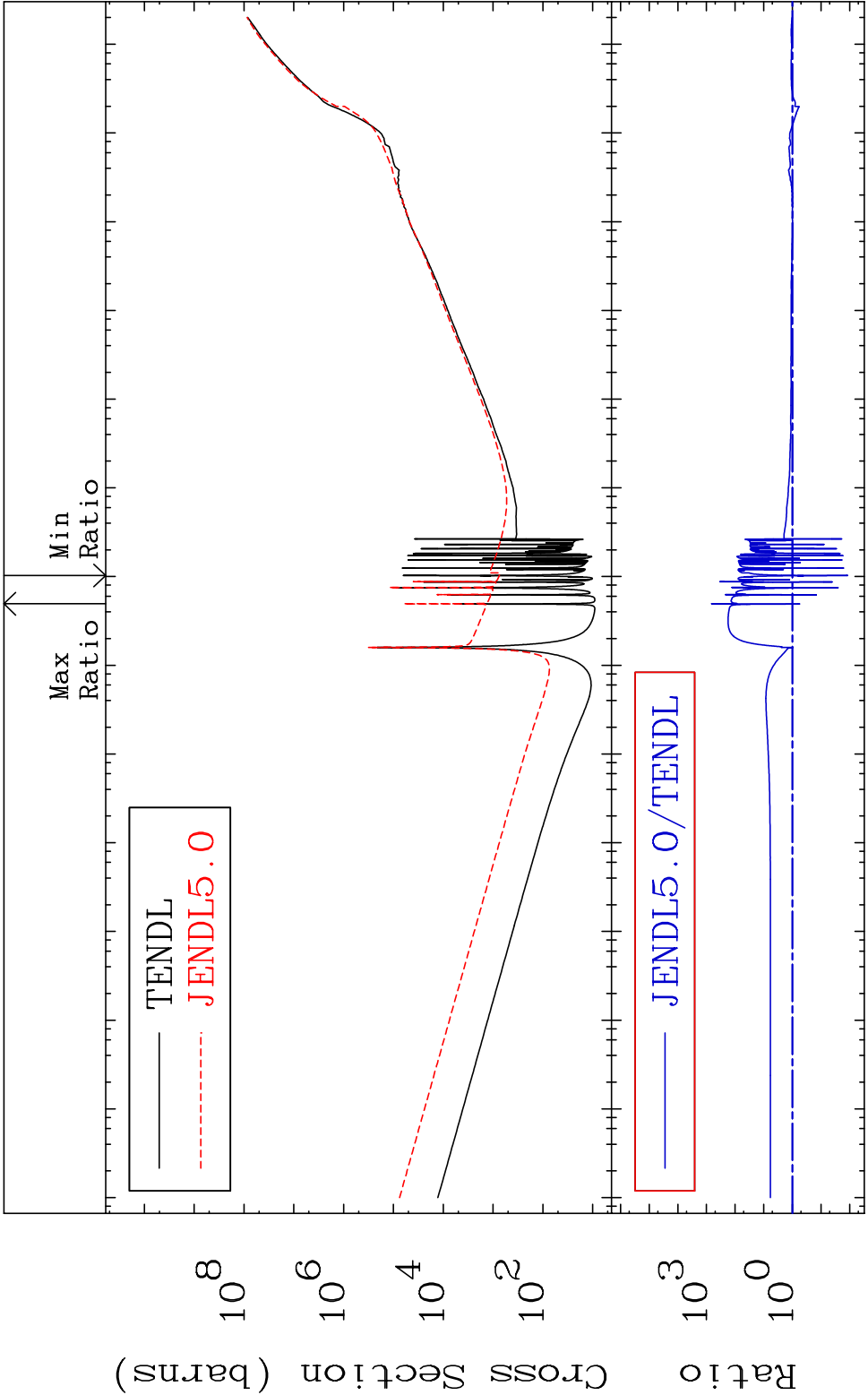
Cross Section -100.0 To 9999. %





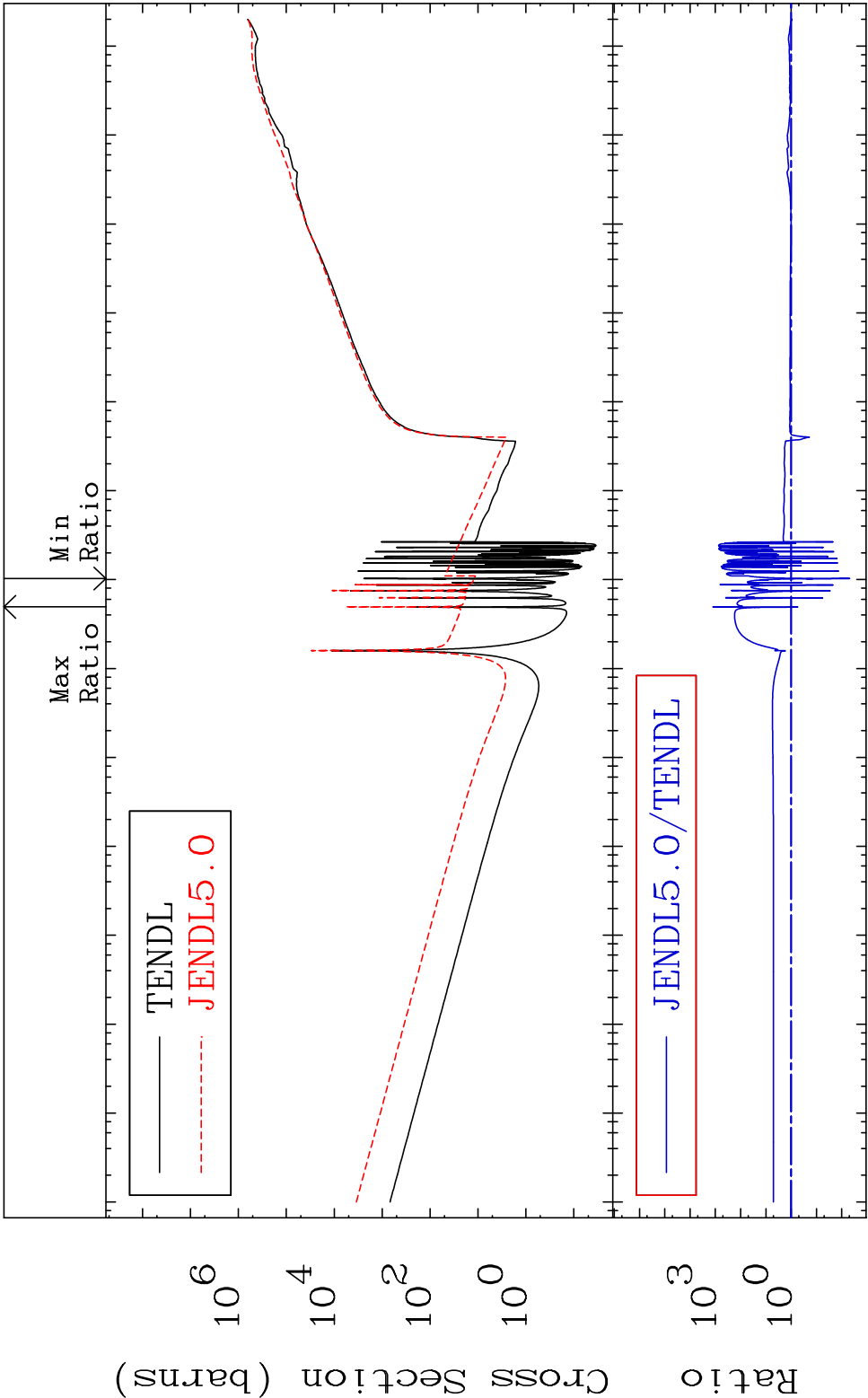


MAT 7425 Total kinematic kerma (high limit) 74-W -180
Cross Section -98.83 To 9999. %

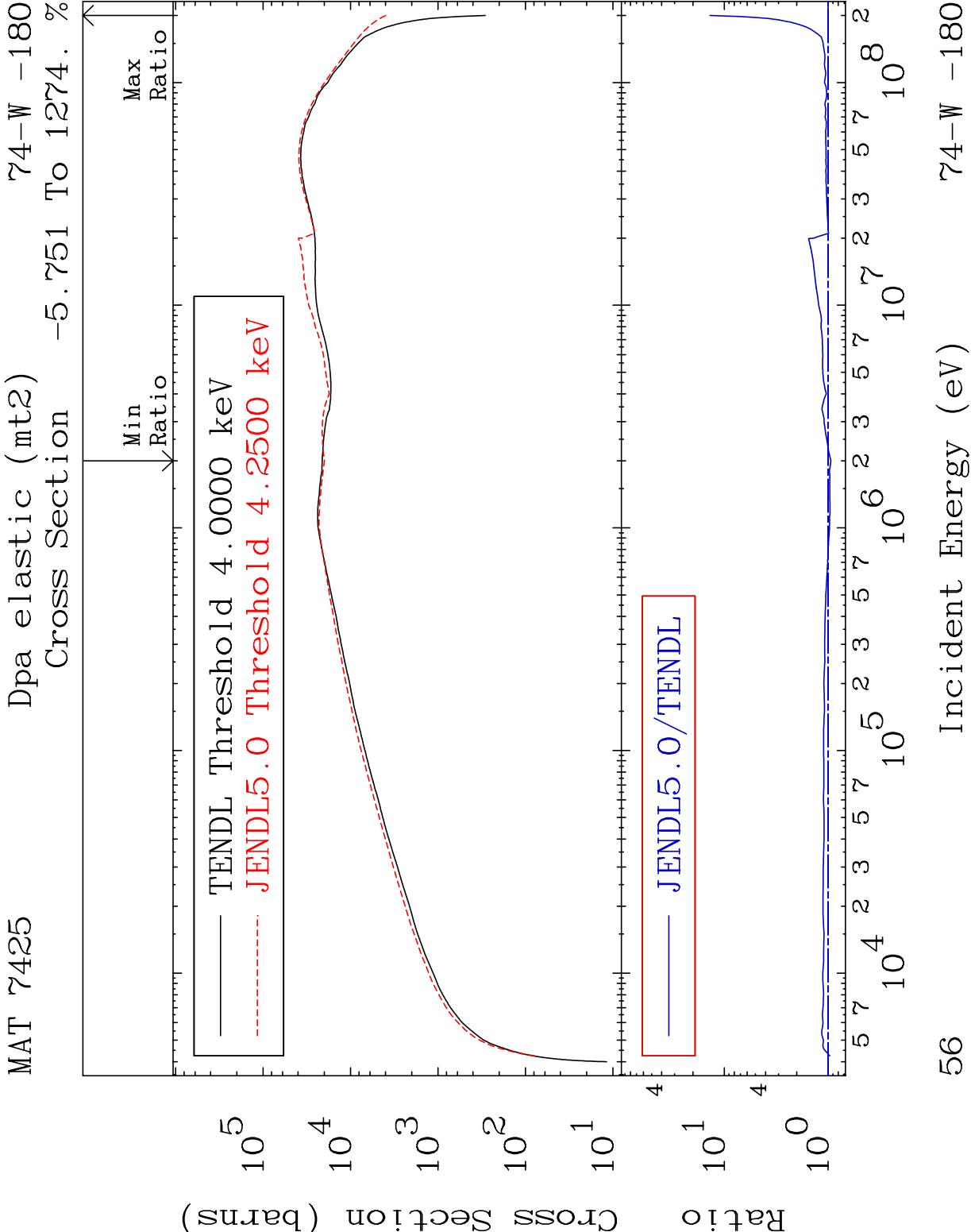


54 Incident Energy (eV) 74-W -180

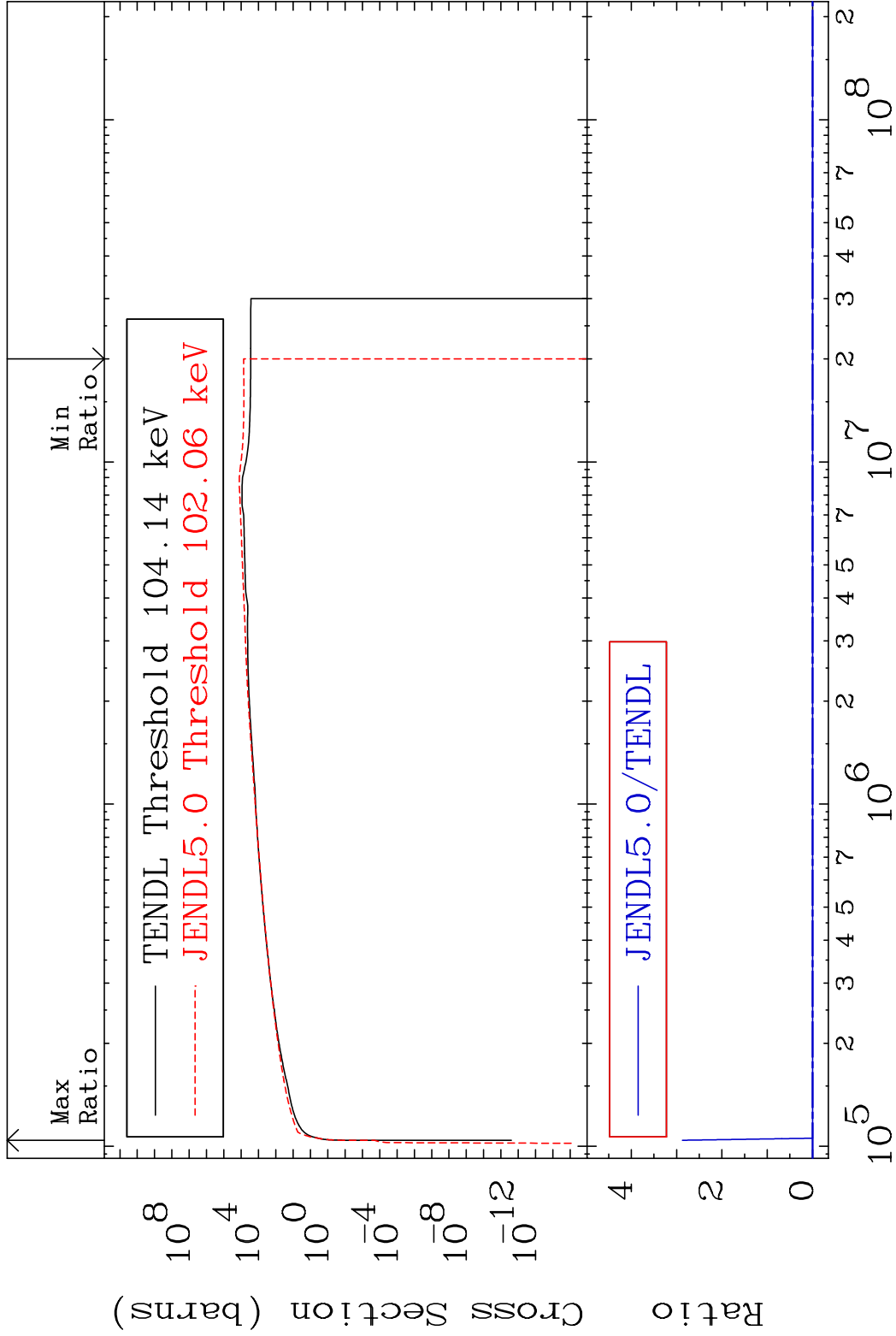
MAT 7425 Dpa total (eV-barns) 74-W -180
Cross Section -99.51 To 9999. %



55 Incident Energy (eV) 74-W -180

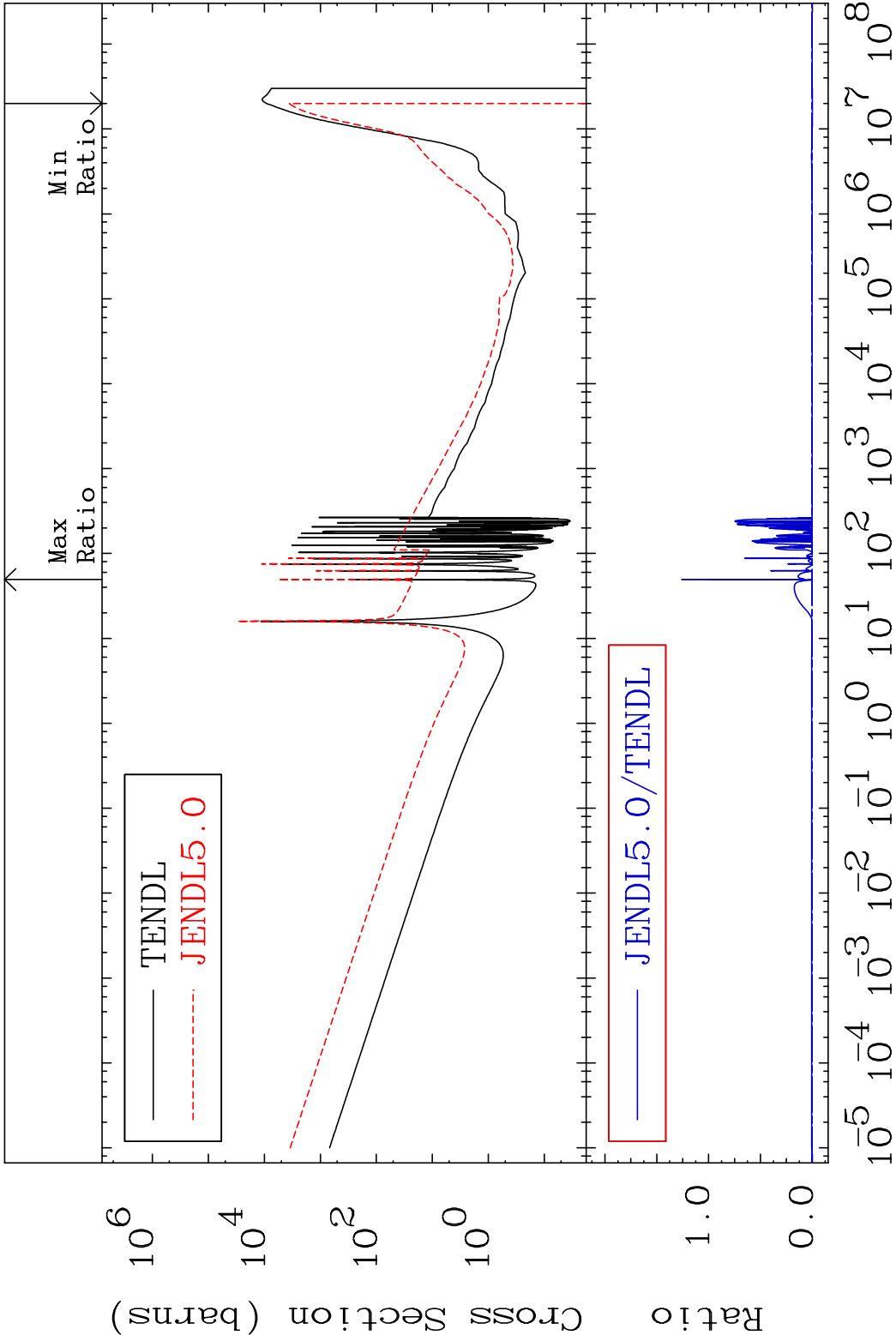


MAT 7425 Dpa inelastic (mt51-91) 74-W -180
Cross Section -100.0 To 9999. %

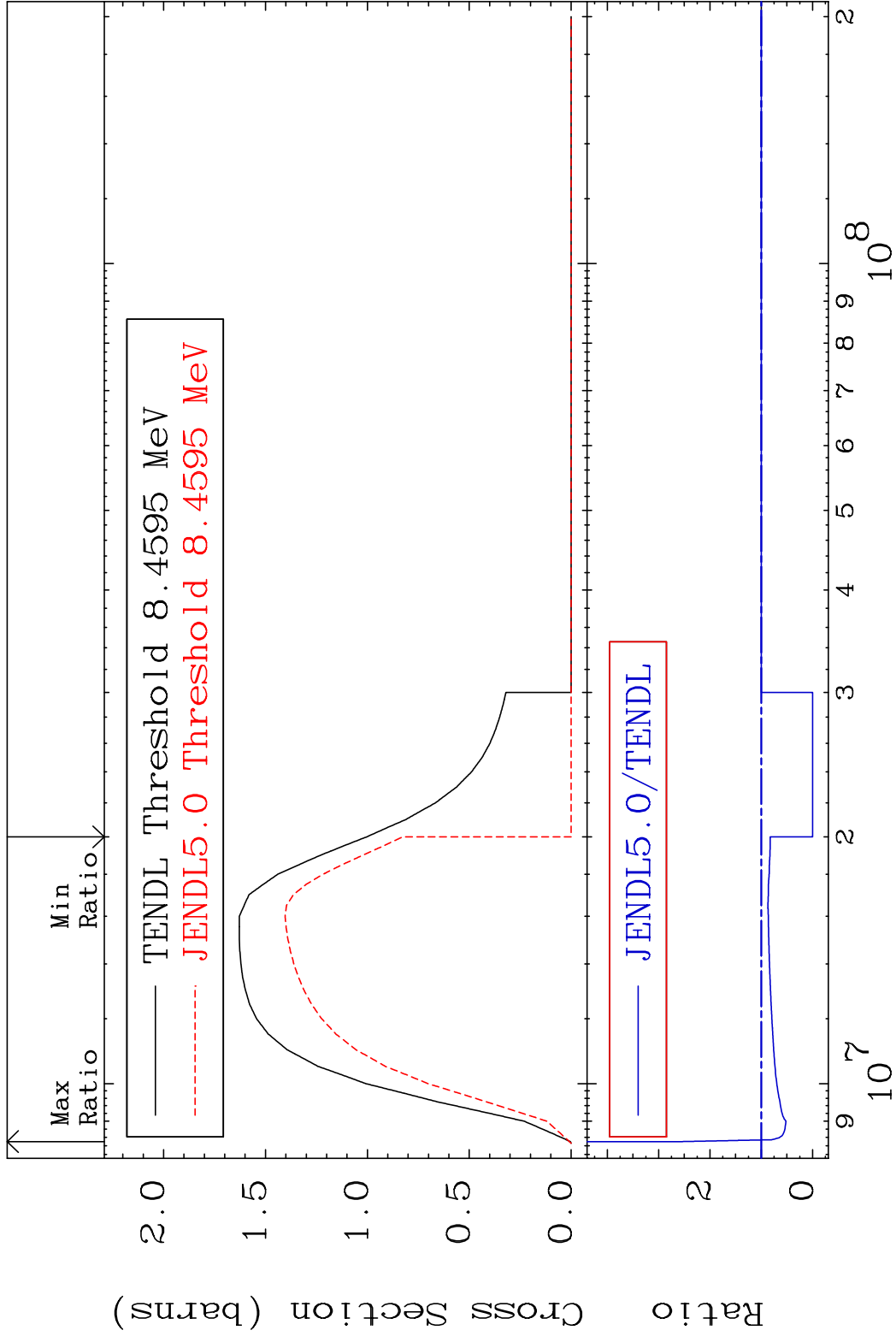


57 Incident Energy (eV) 74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
Cross Section -100.0 To 9999. %

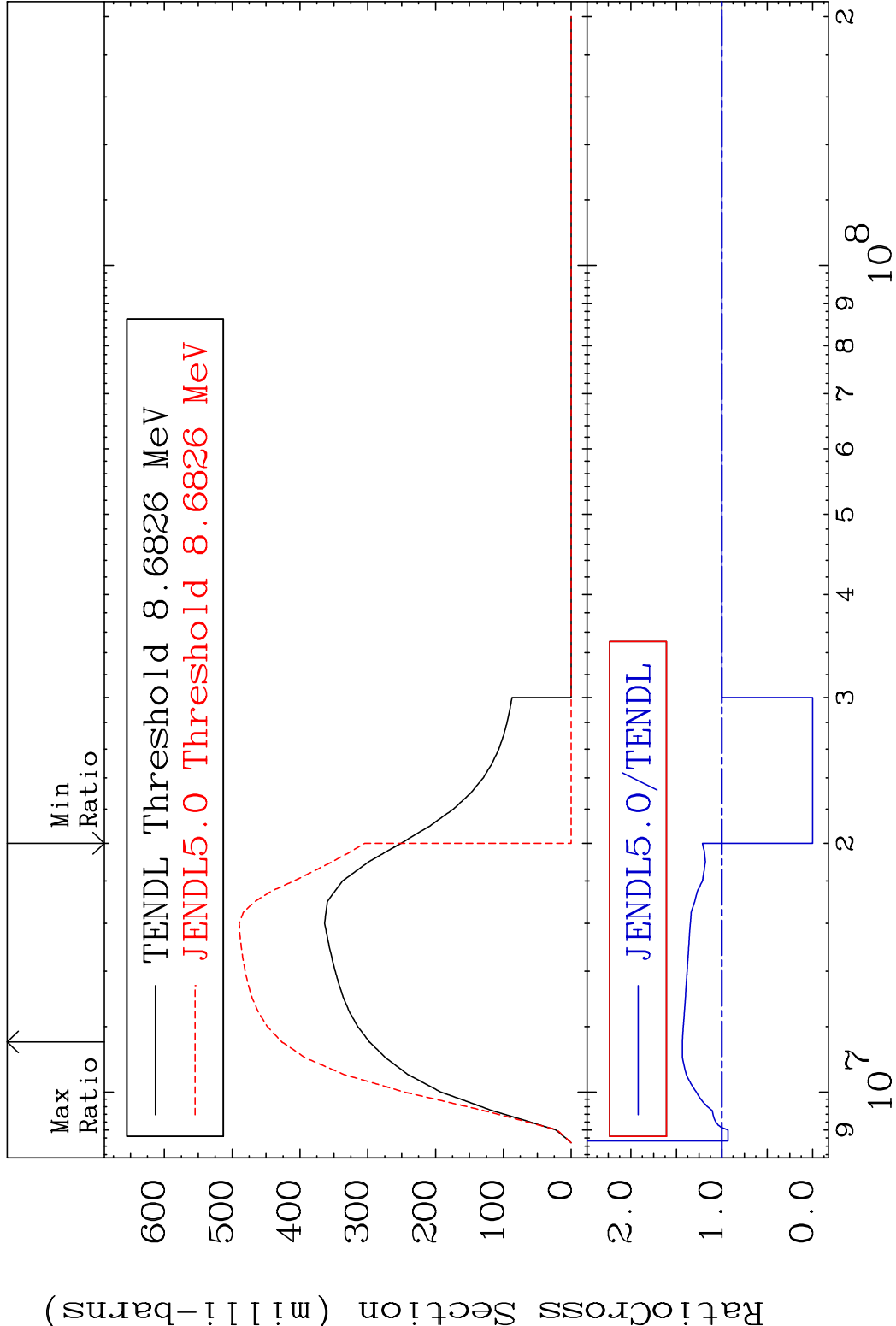


58 Incident Energy (eV) 74-W -180

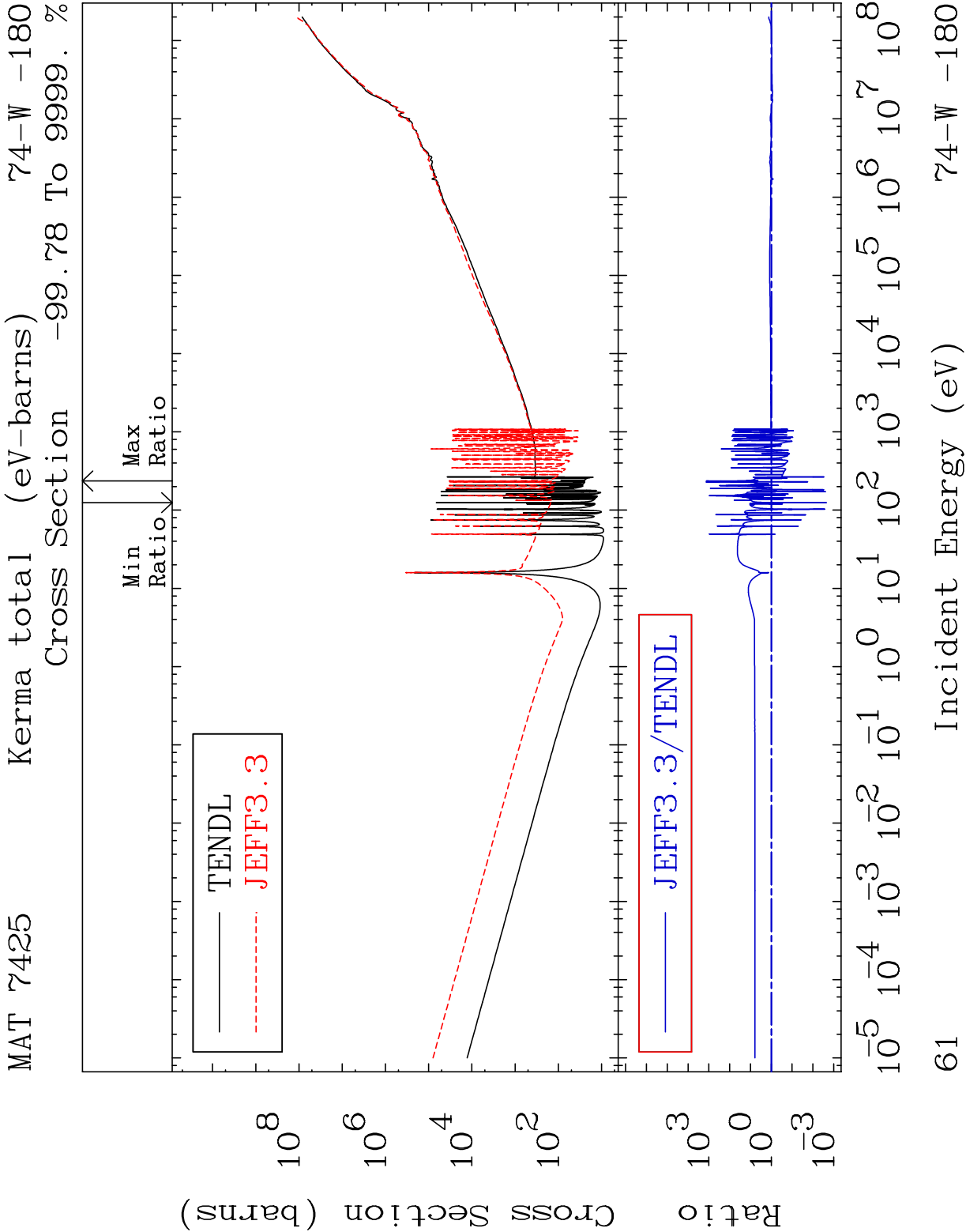


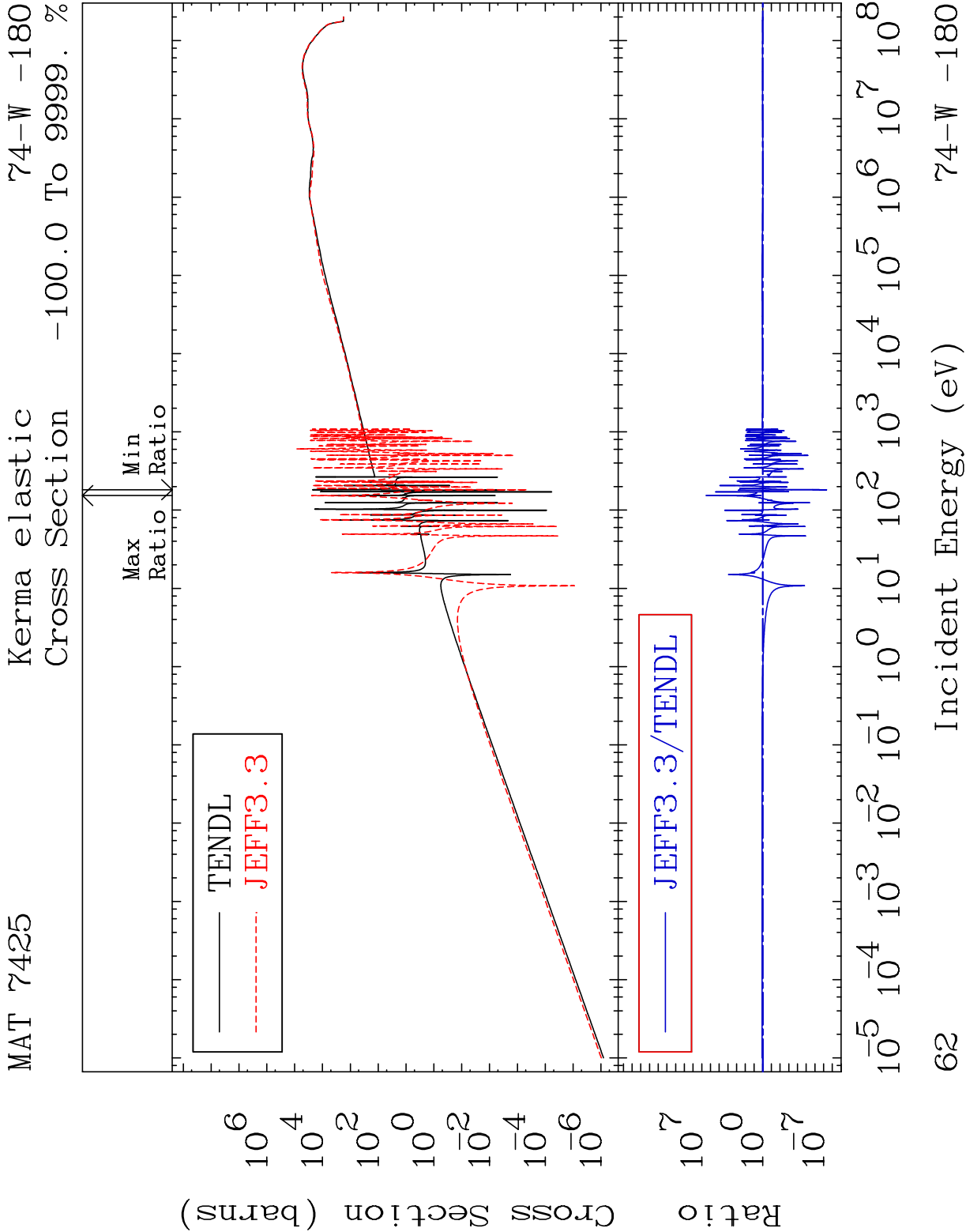
MAT 7425 (n,2n):74-W -179m2 74-W -180

Radionuclide Production Cross Section (mb)

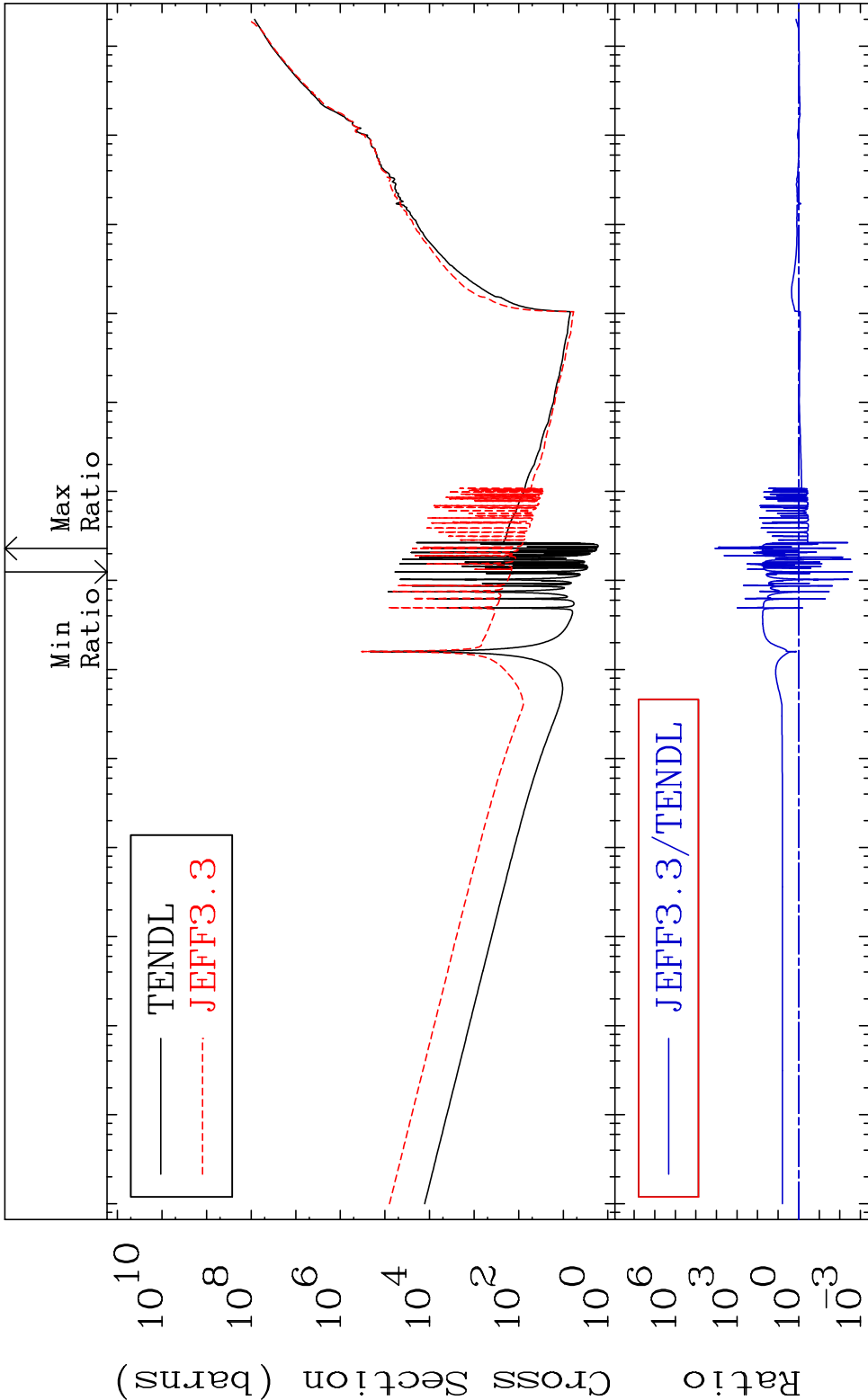


60 74-W -180



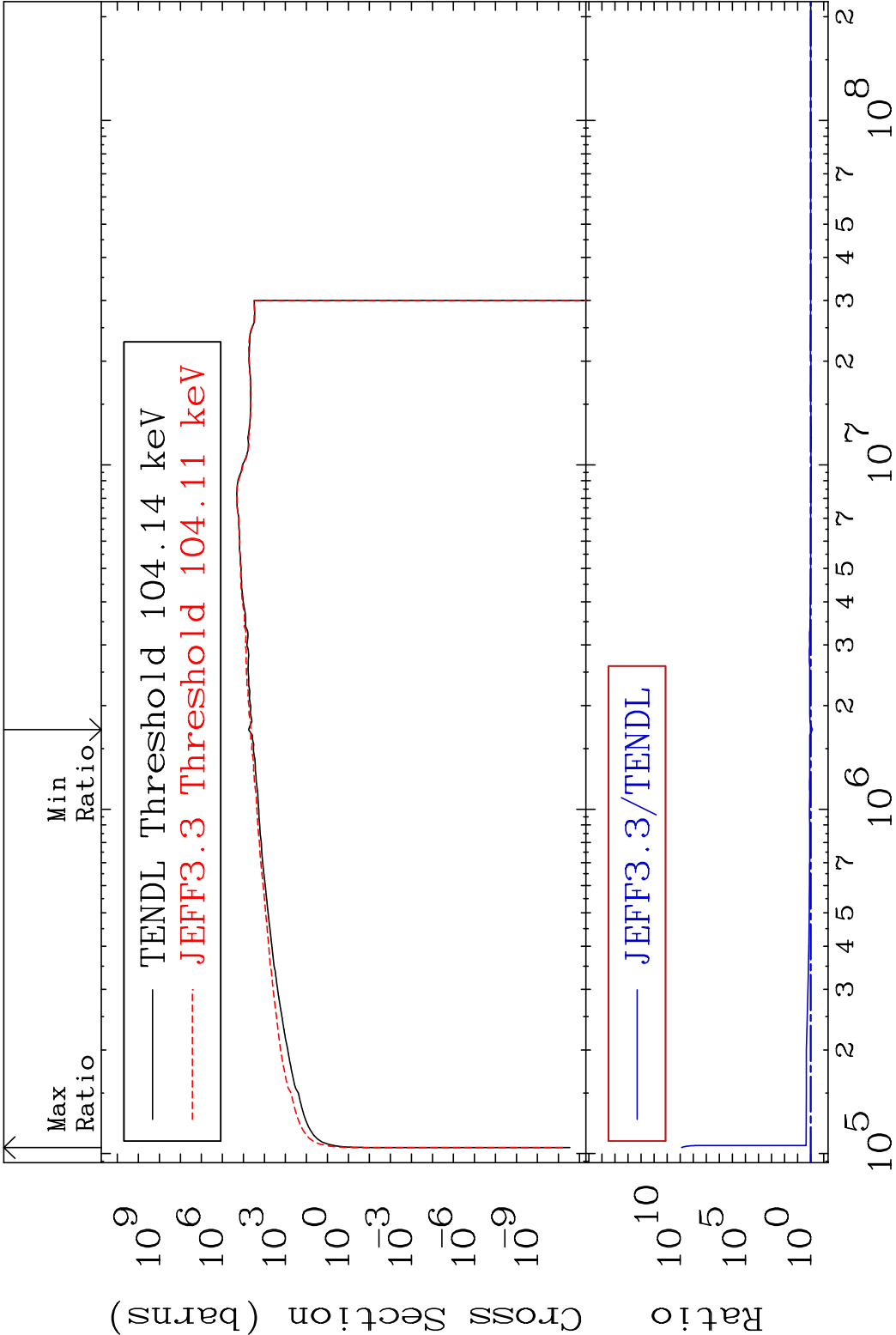


MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 Cross Section -99.75 To 9999. %

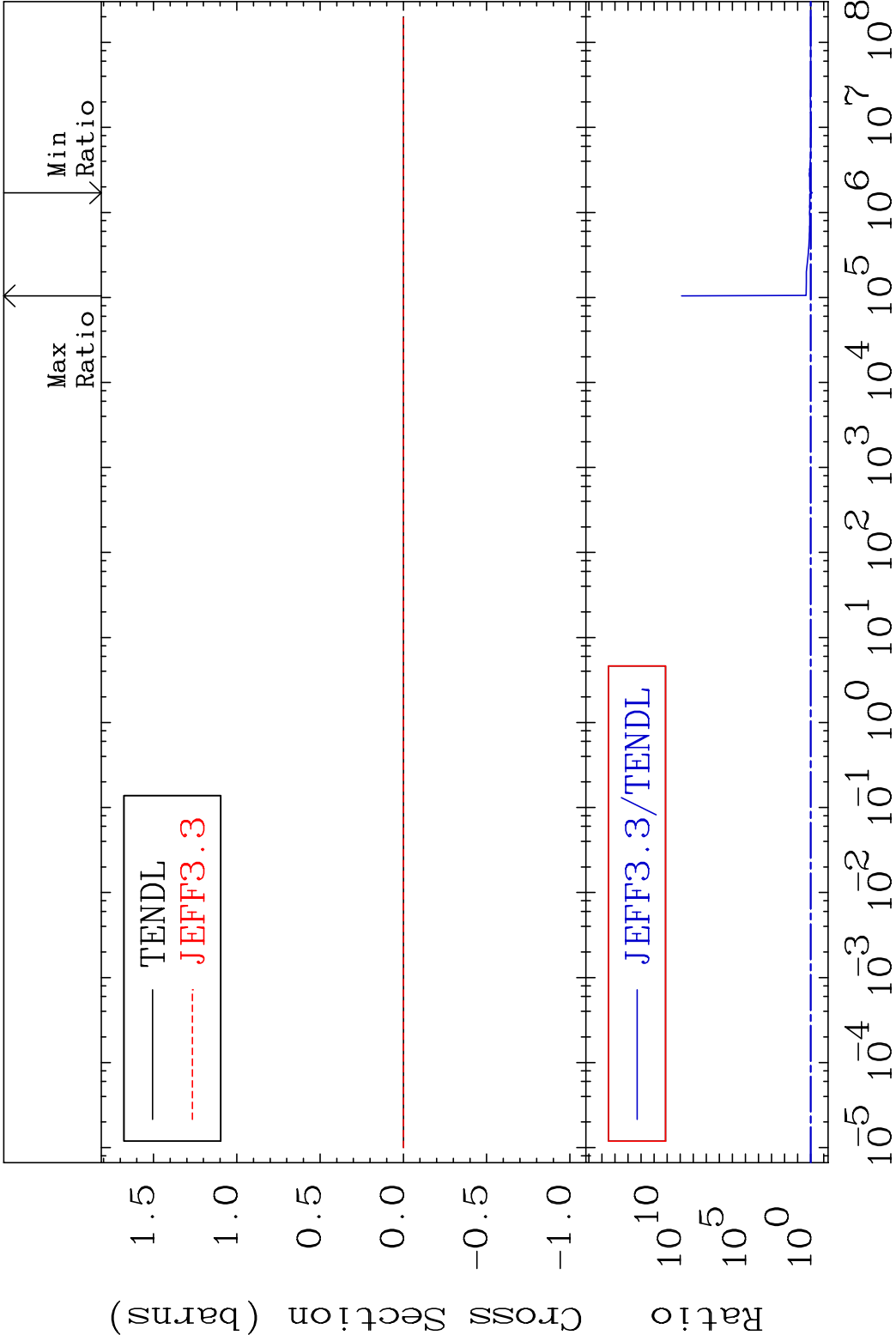


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

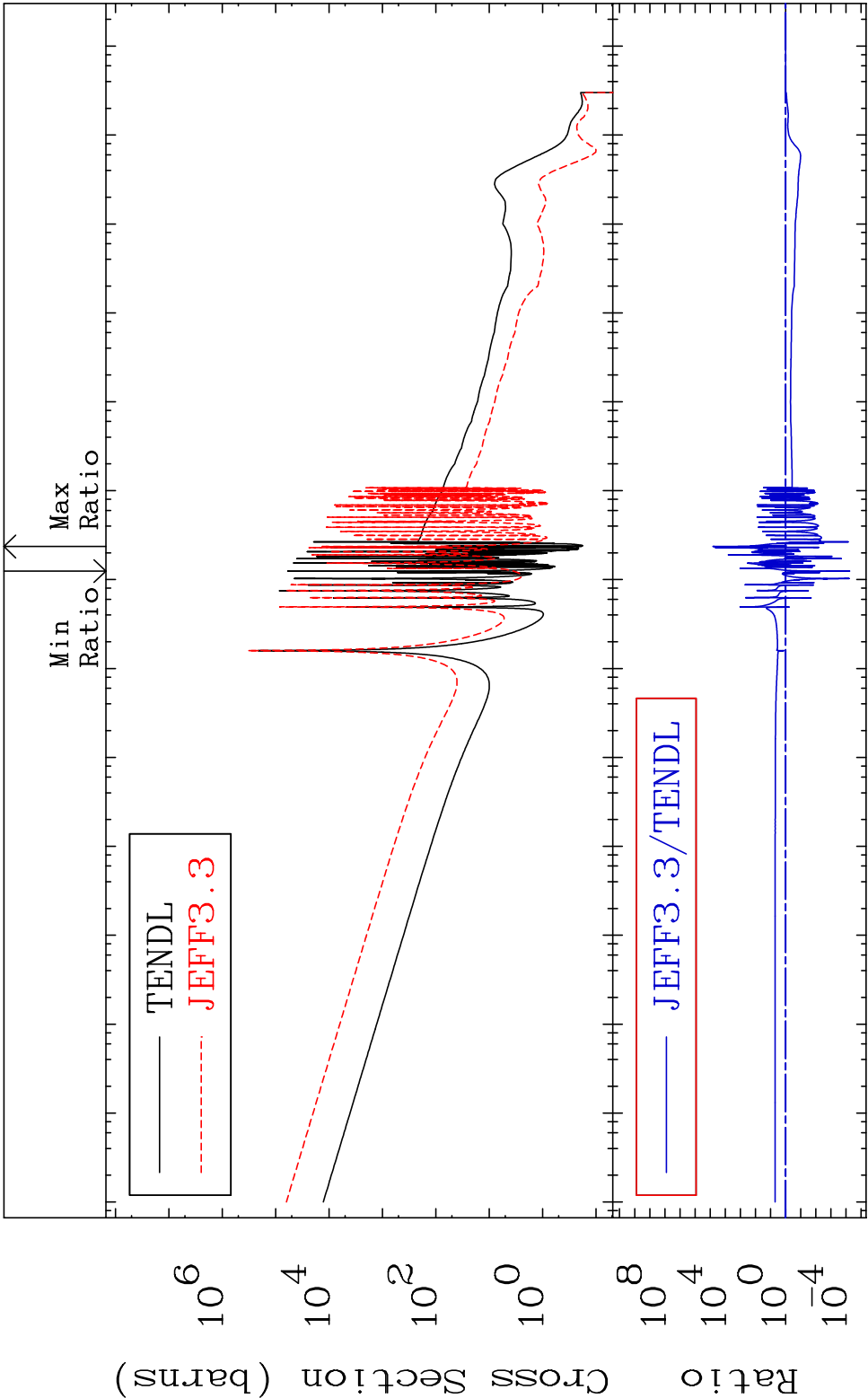
63 Incident Energy (eV) 74-W -180



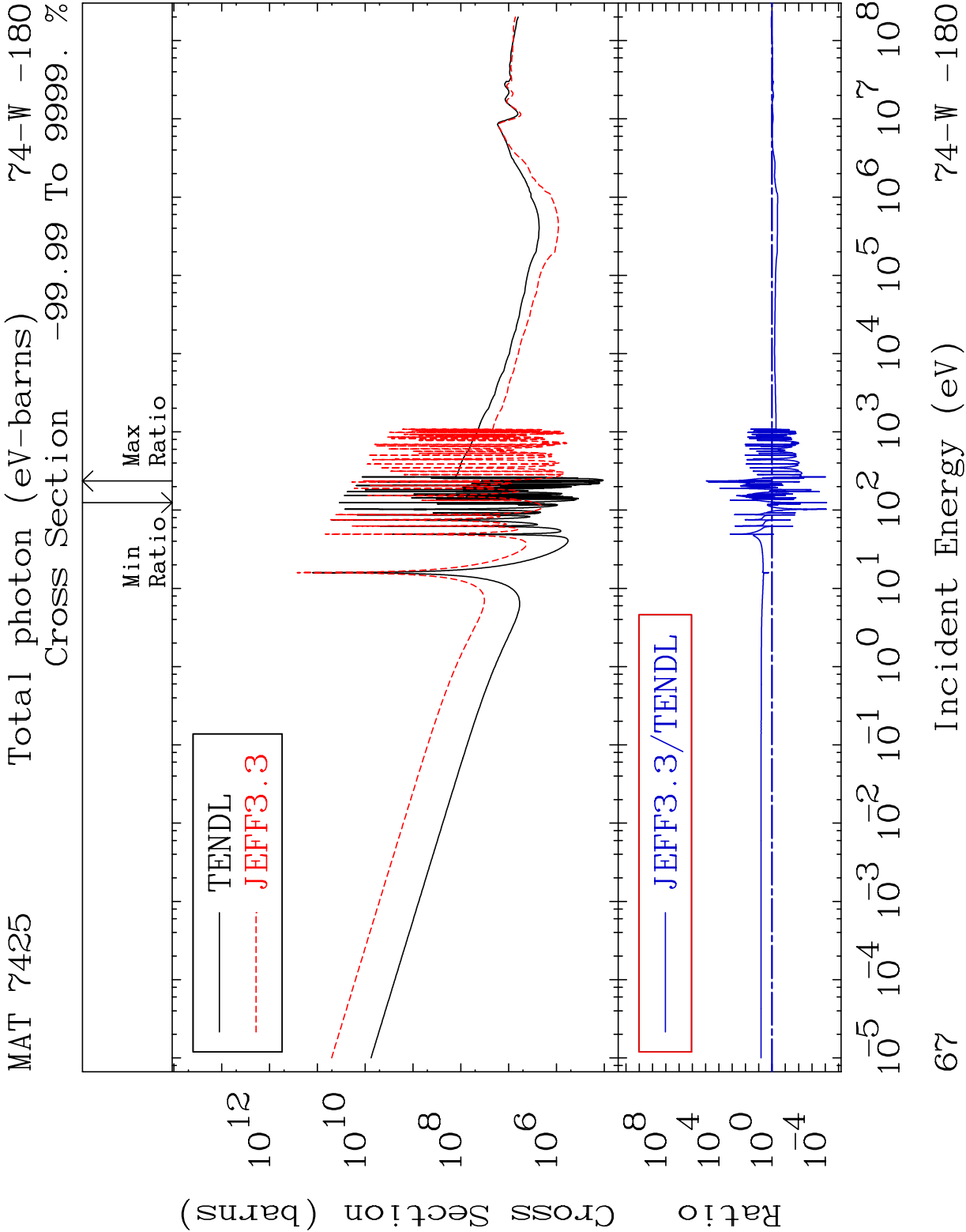
MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180
Cross Section -22.56 To 9999. %



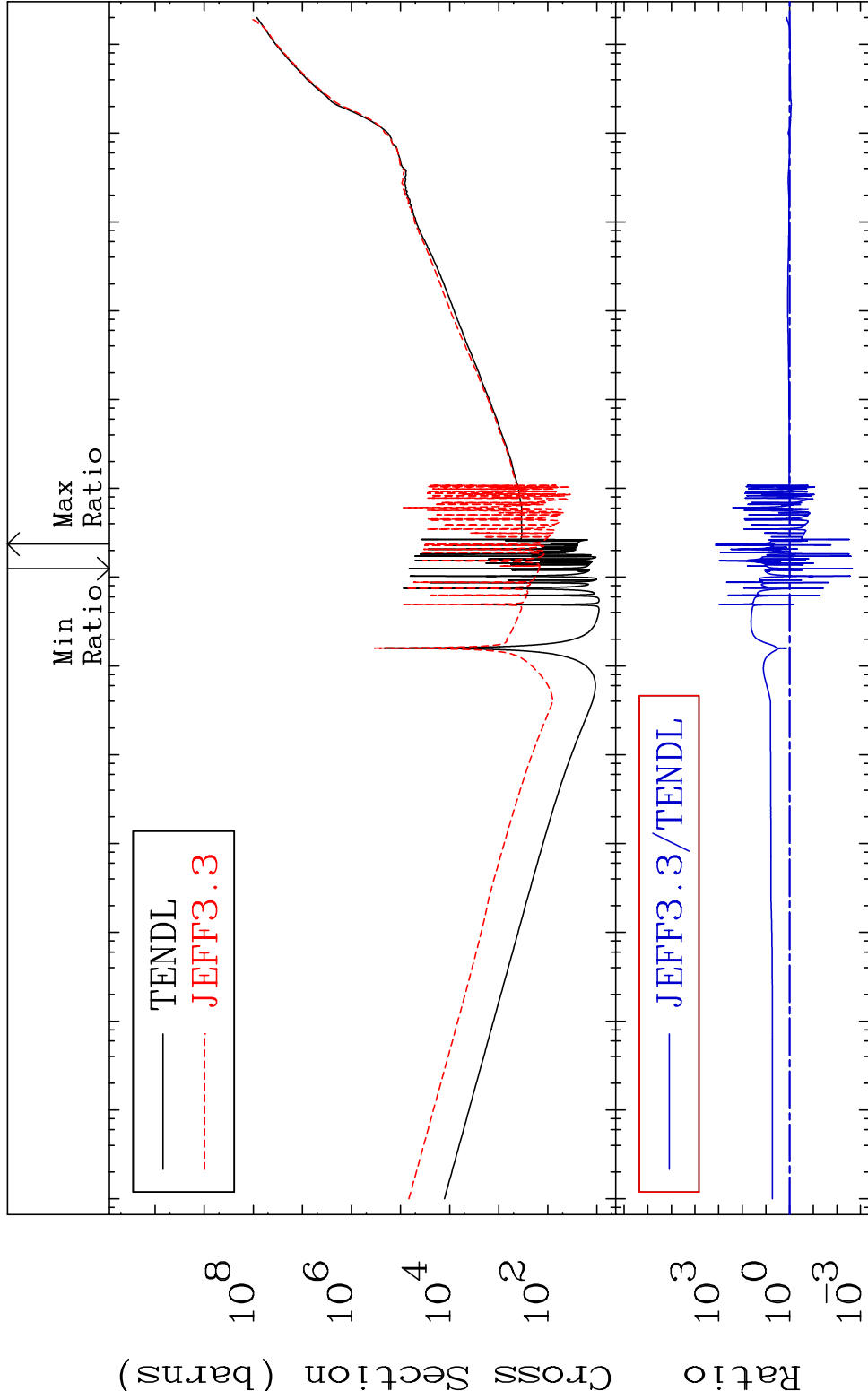
MAT 7425 Kerma capture (mt102) 74-W -180
 Cross Section -99.99 To 9999. %



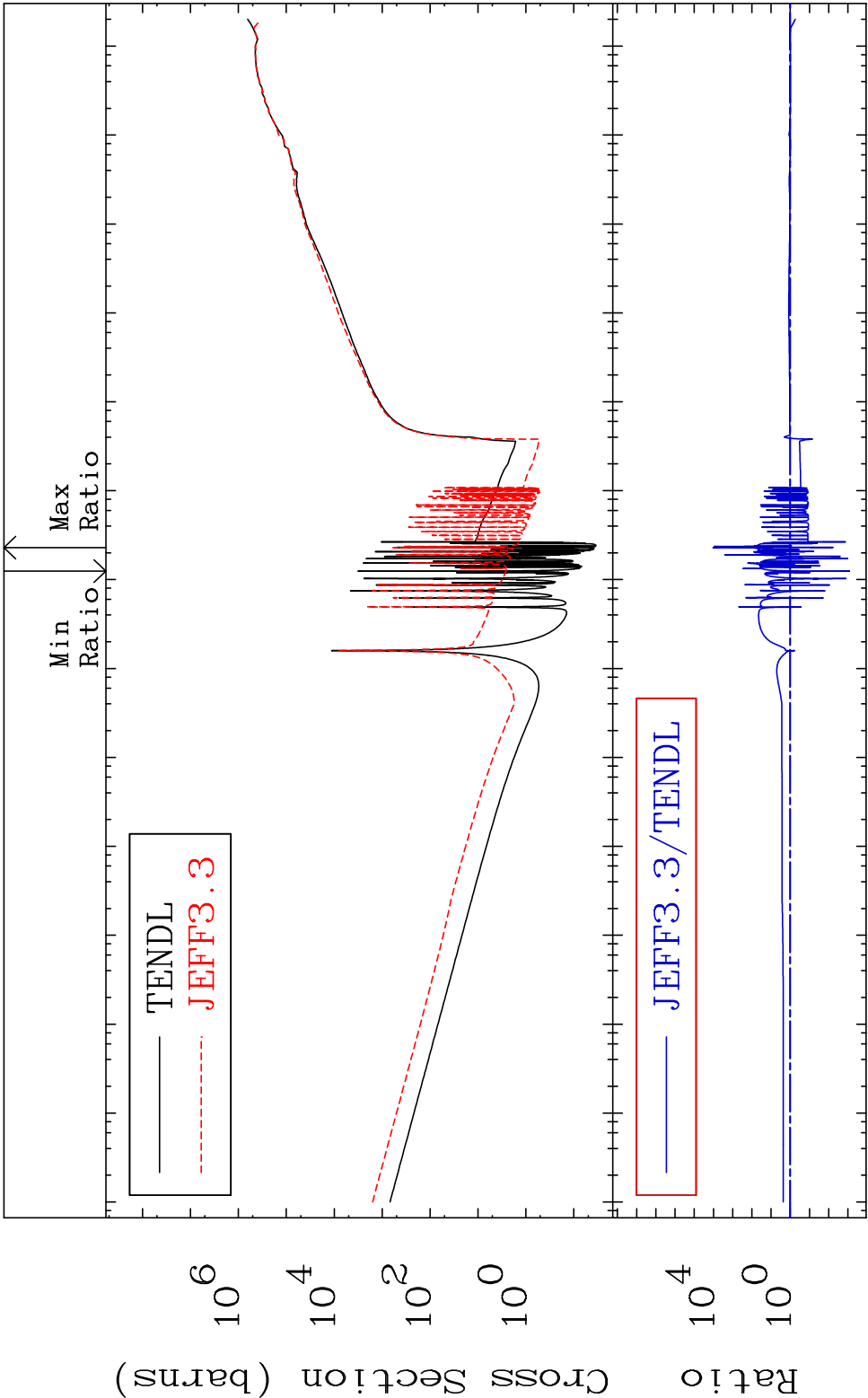
66 Incident Energy (eV) 74-W -180



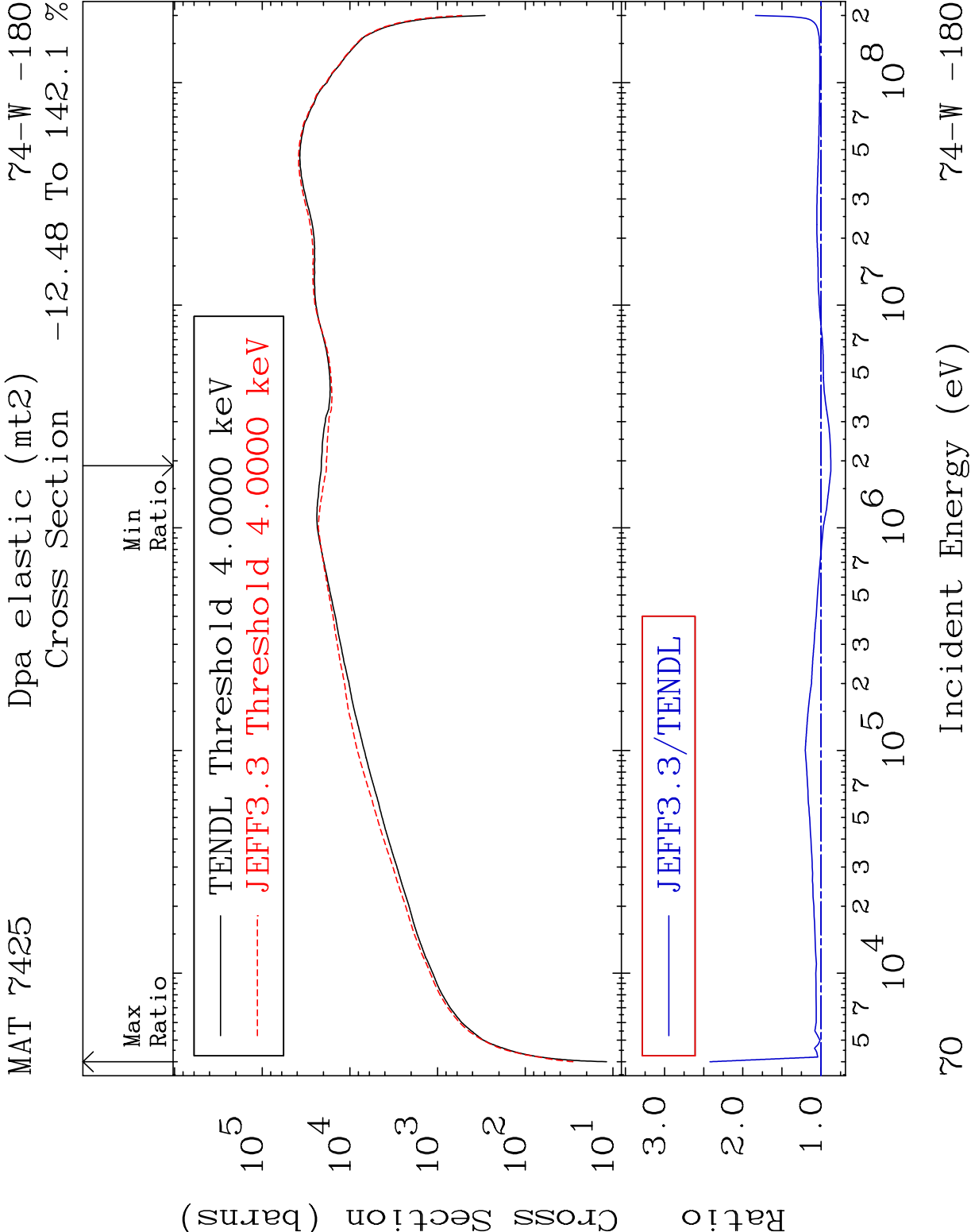
MAT 7425 Total kinematic kerma (high limit) 74-W -180
Cross Section -99.78 To 9999. %



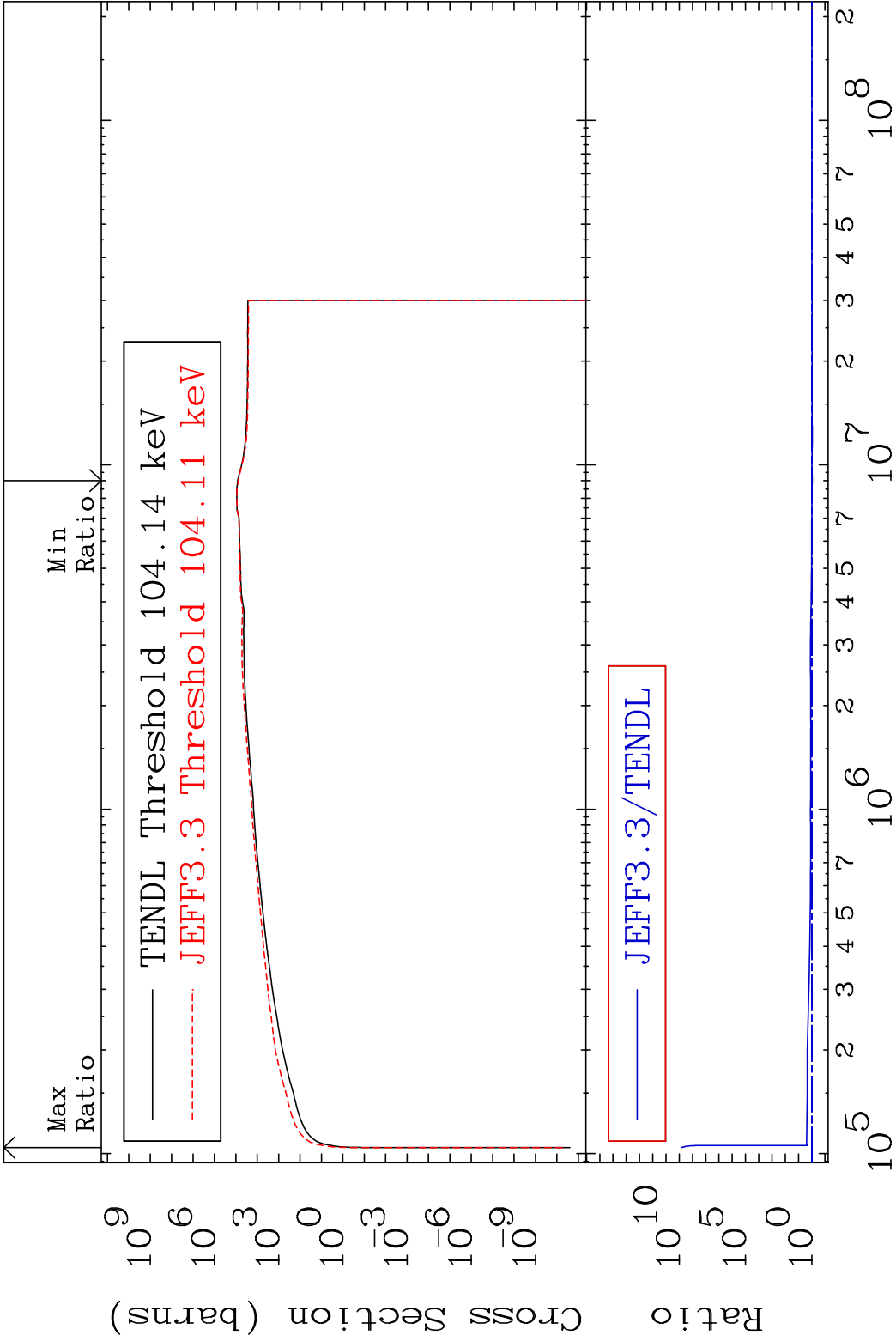
MAT 7425 Dpa total (eV-barns) 74-W -180
 Cross Section -99.92 To 9999. %



69 Incident Energy (eV) 74-W -180

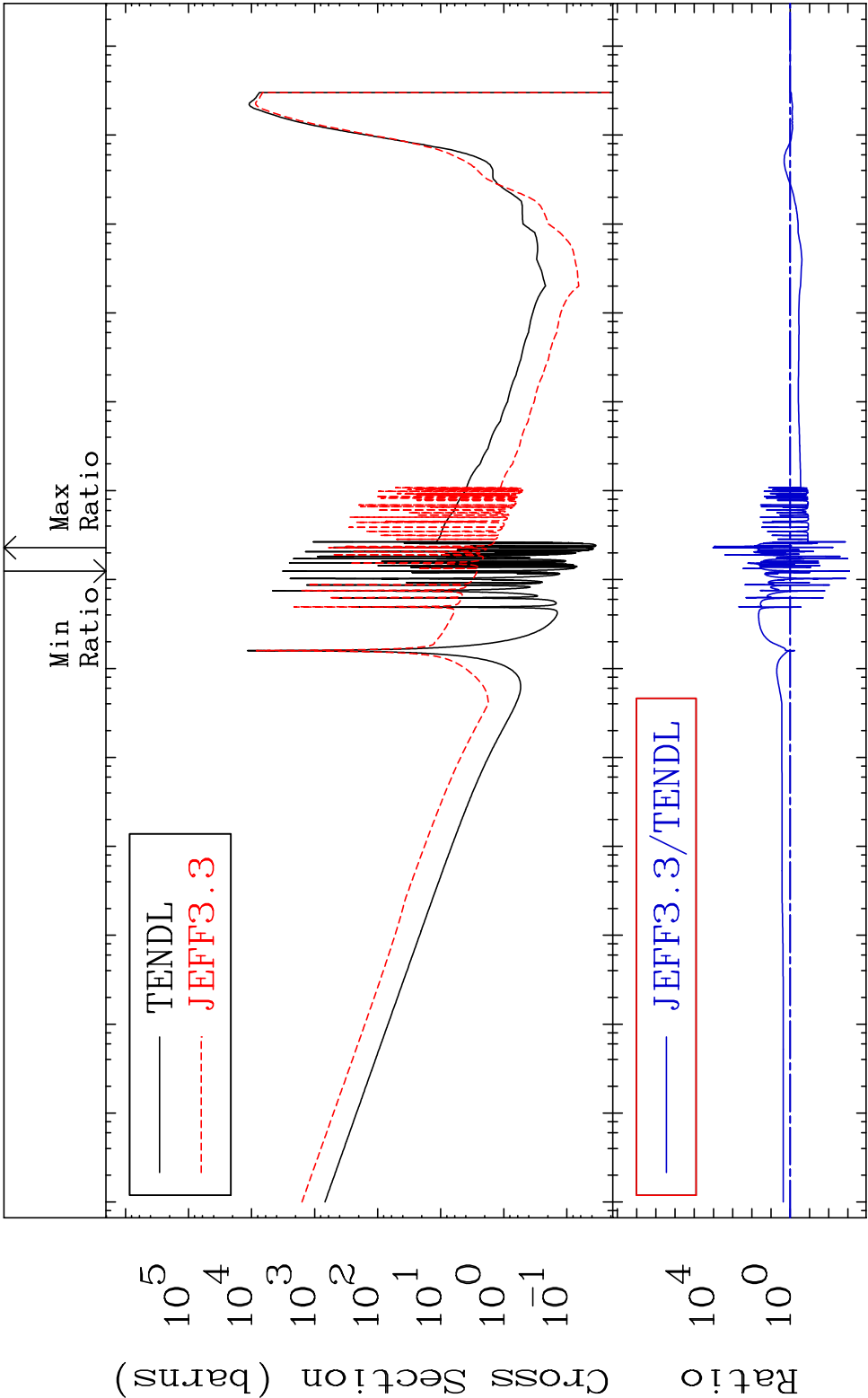


MAT 7425 Dpa inelastic (mt51-91) 74-W -180
Cross Section -8.285 To 9999. %

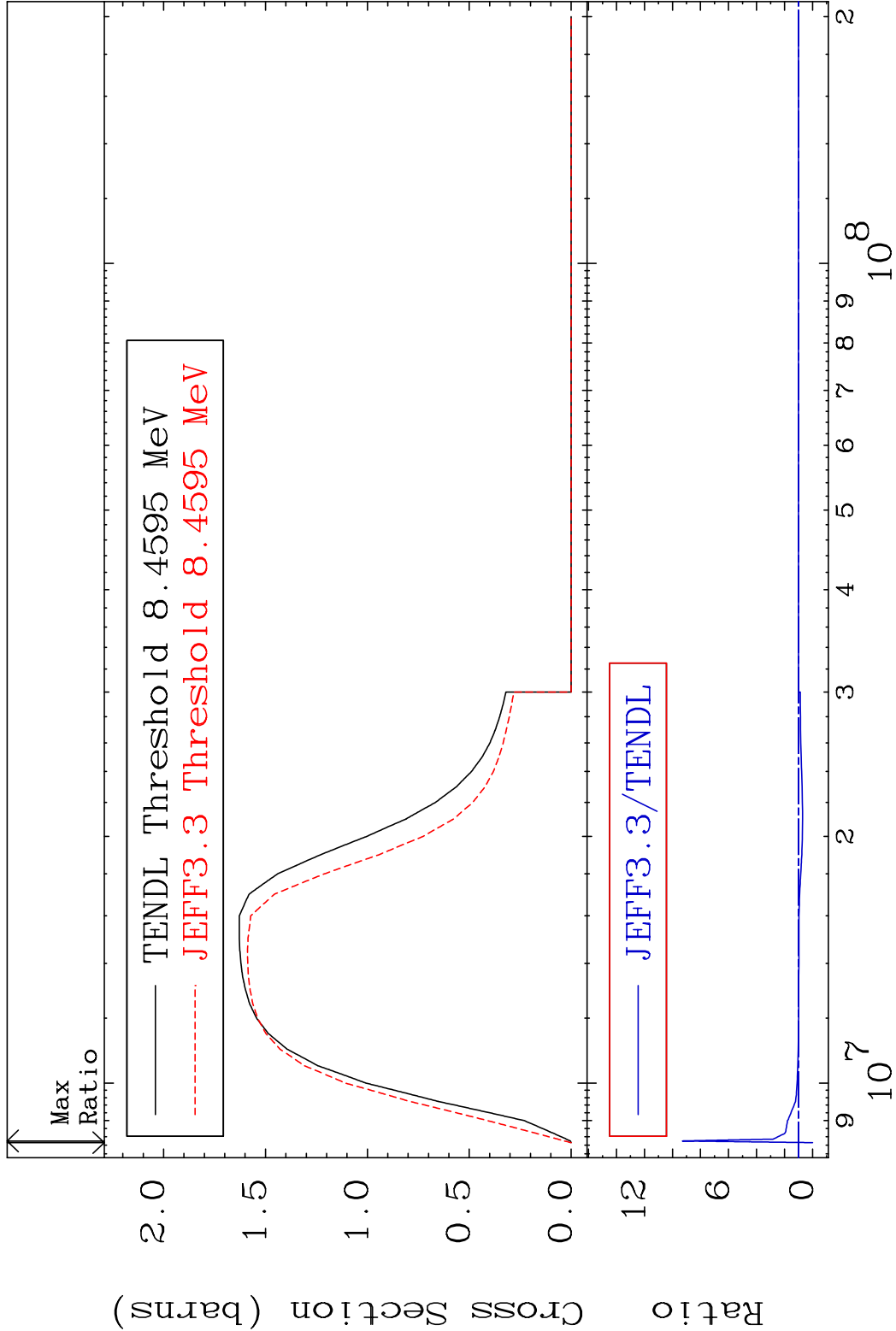


71 Incident Energy (eV) 74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
Cross Section -99.92 To 9999. %

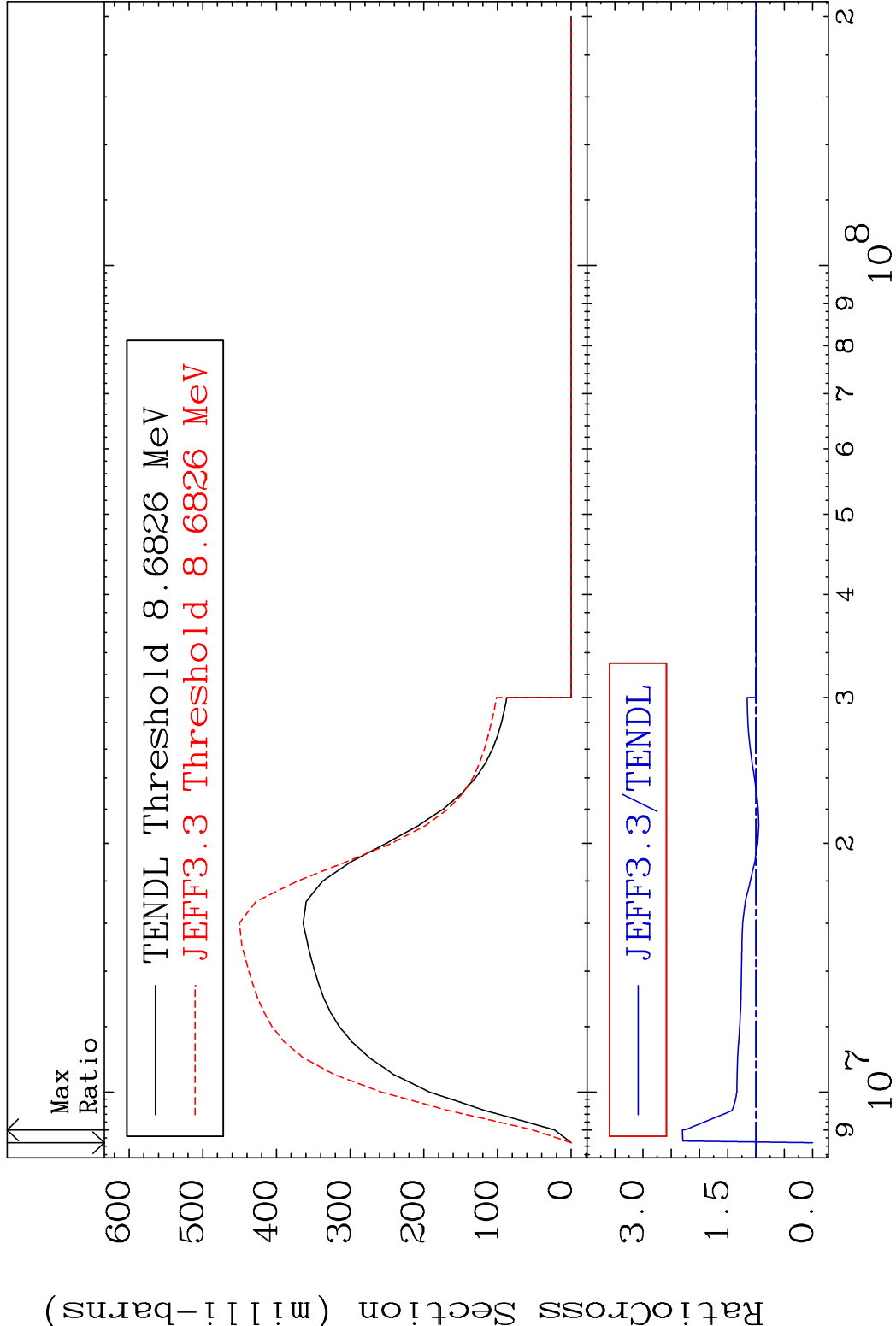


72 Incident Energy (eV) 74-W -180

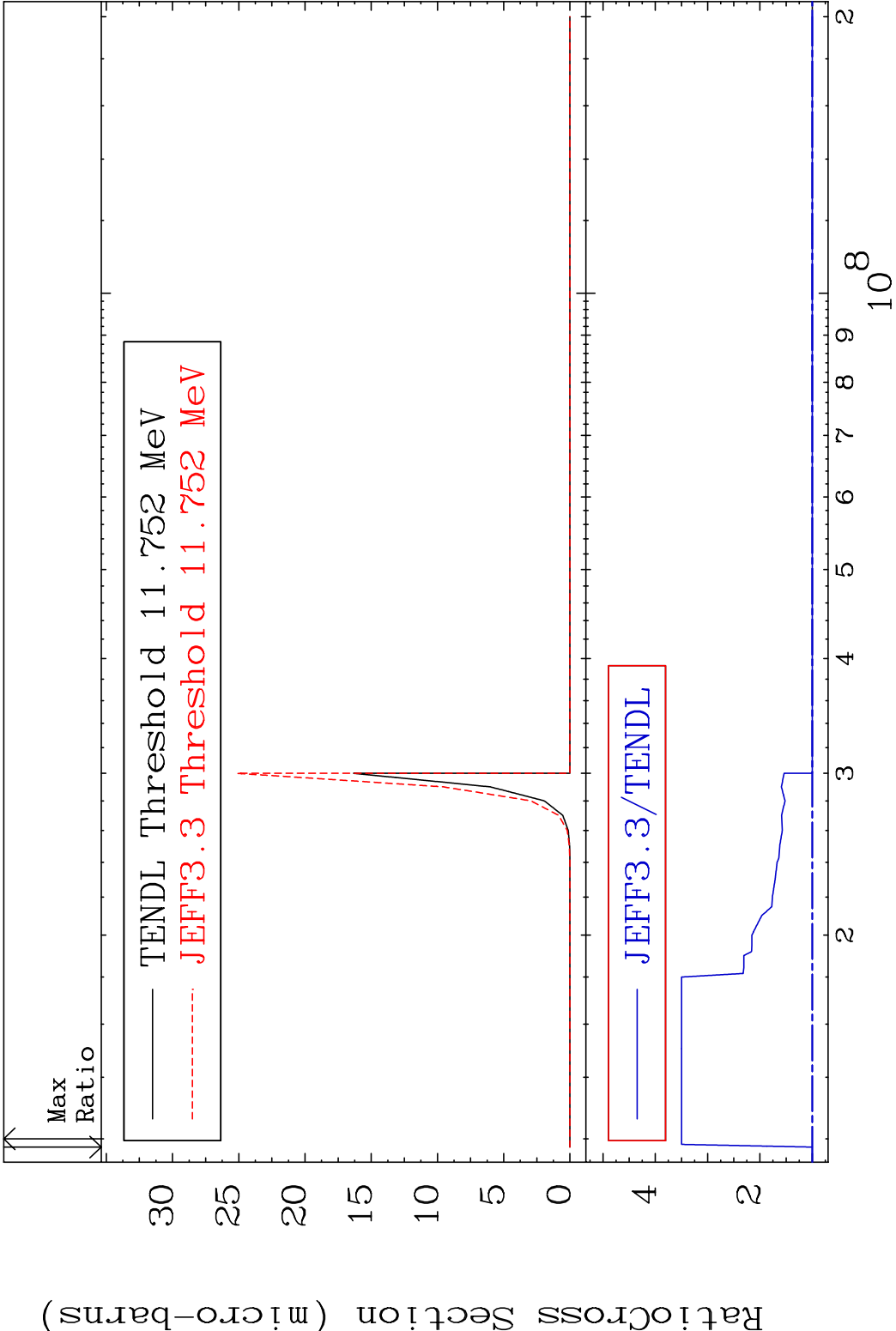


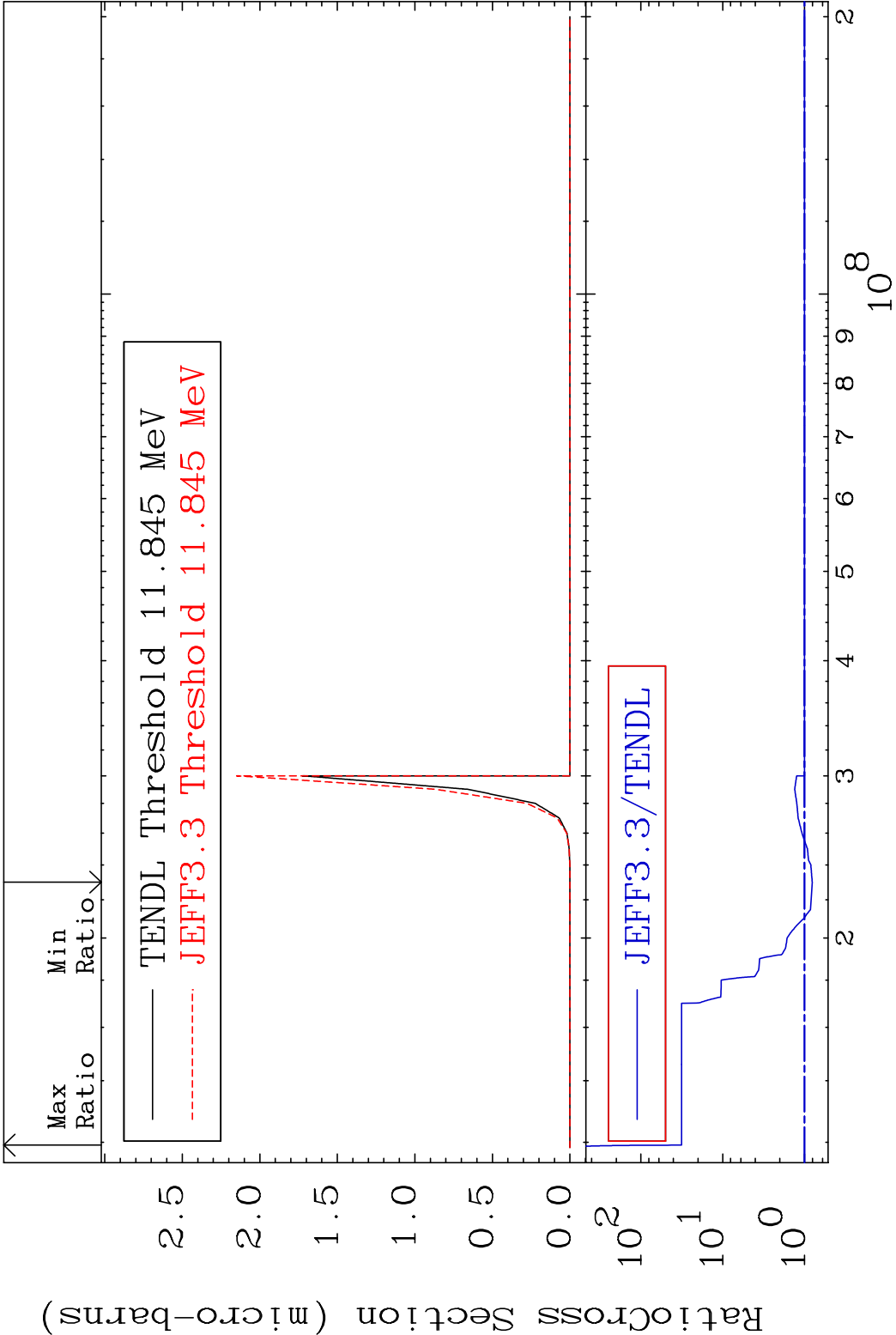
MAT 7425 (n,2n):74-W -179m2 74-W -180

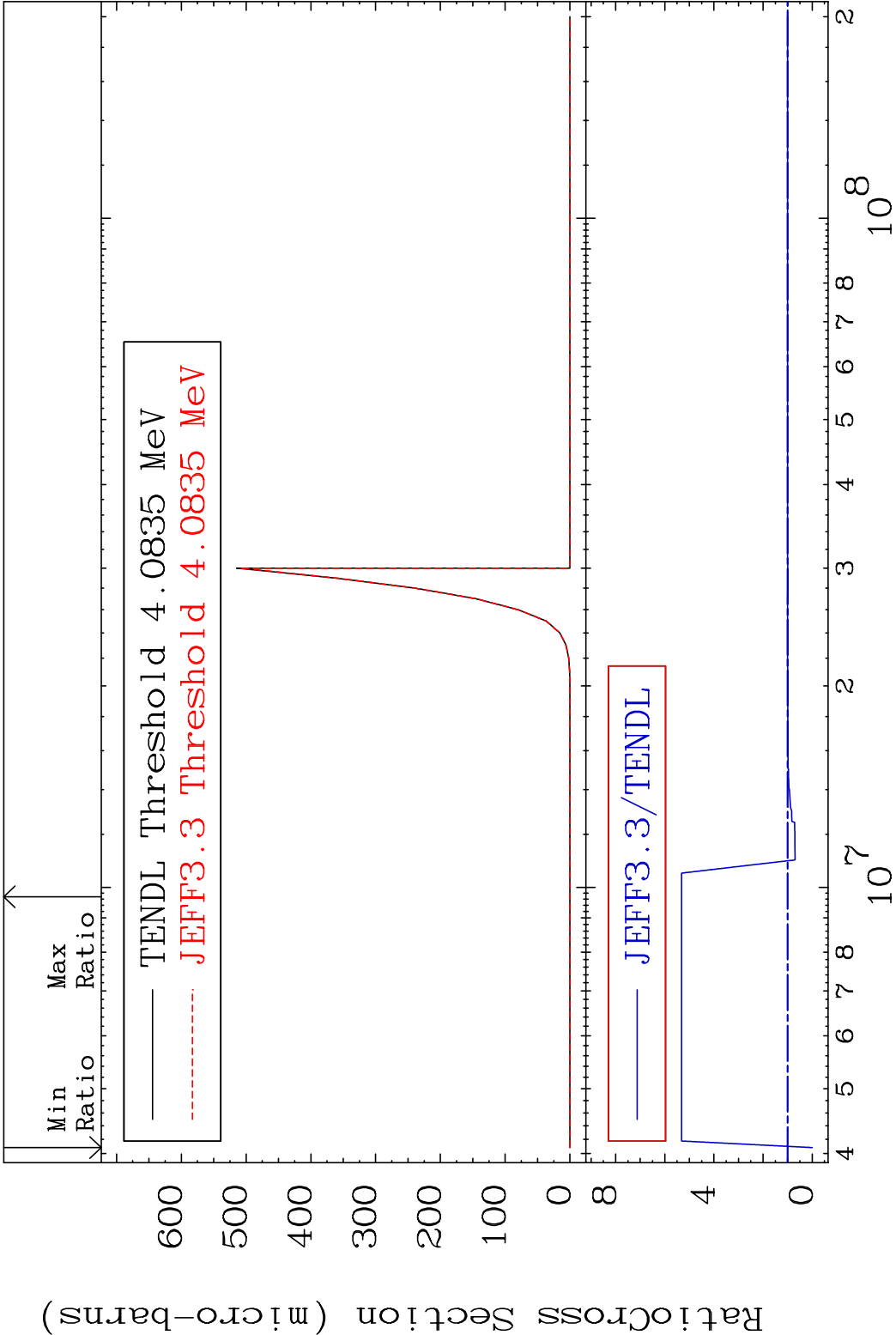
Radionuclide Production Cross Section (mb) 130.4 %



74 Incident Energy (eV) 74-W -180







Radionuclide Production Cross Section (micro-barns)

