

Program Complot
(Version 2021-1)

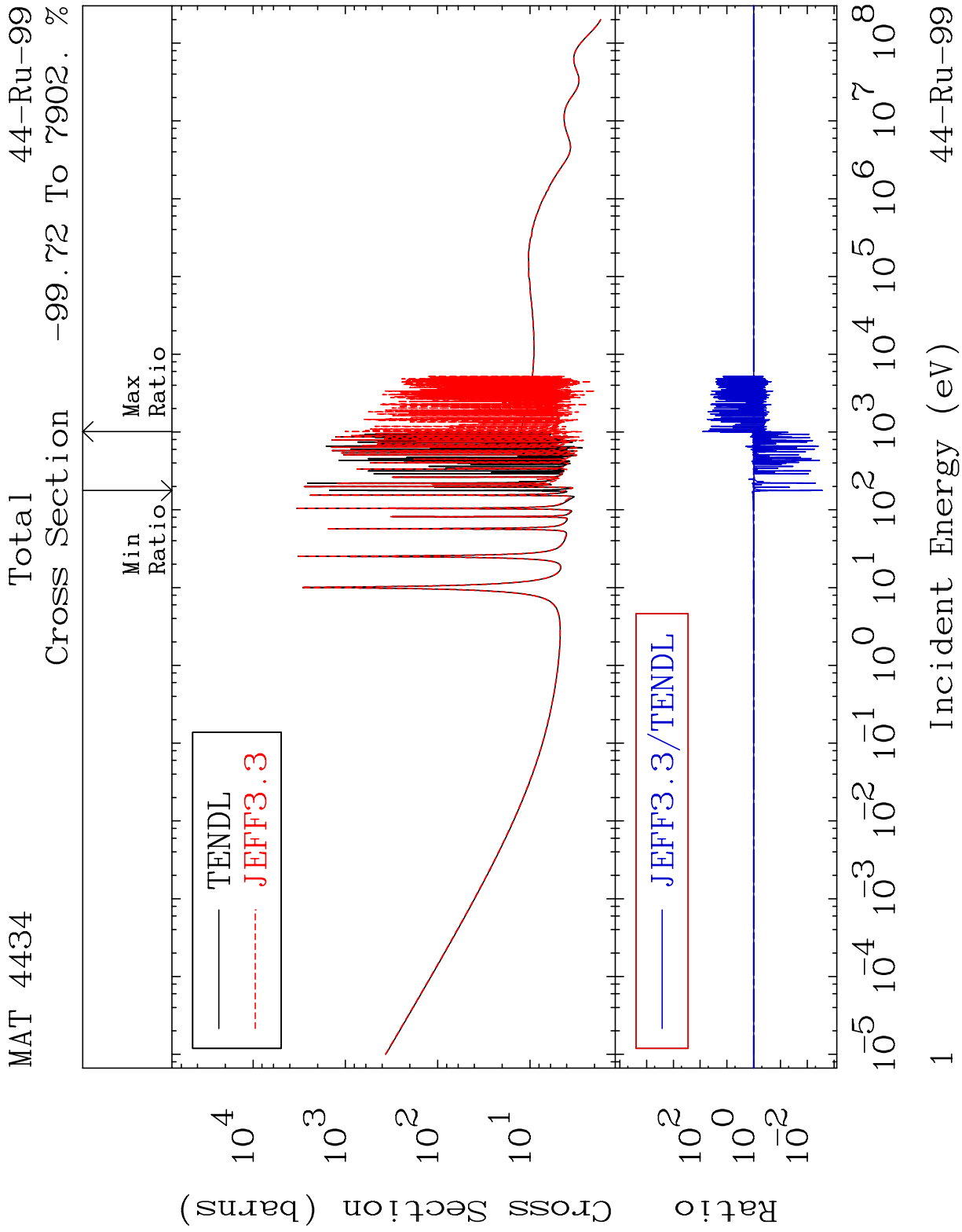
by

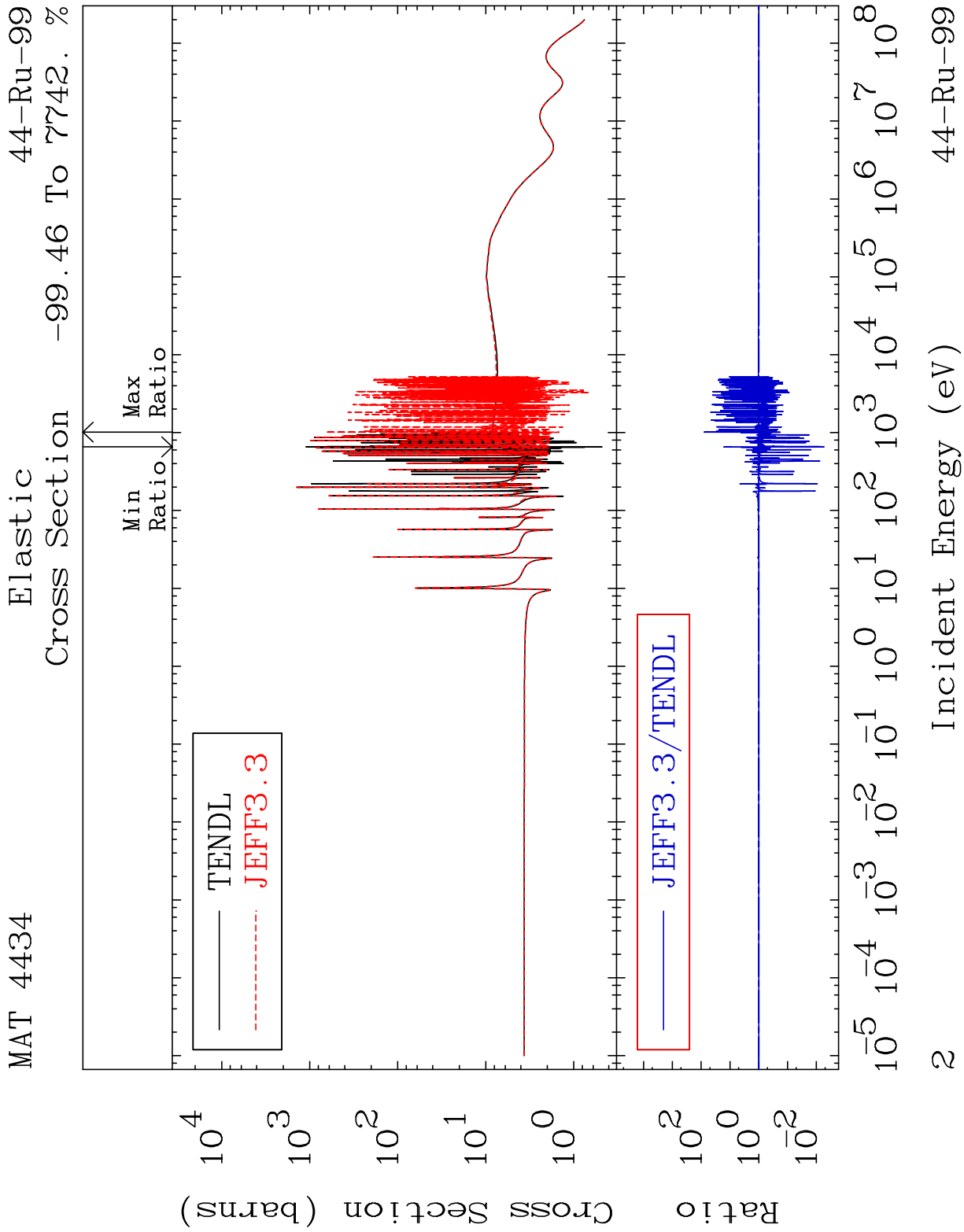
Dermott E. Cullen
(Present Contact Information)

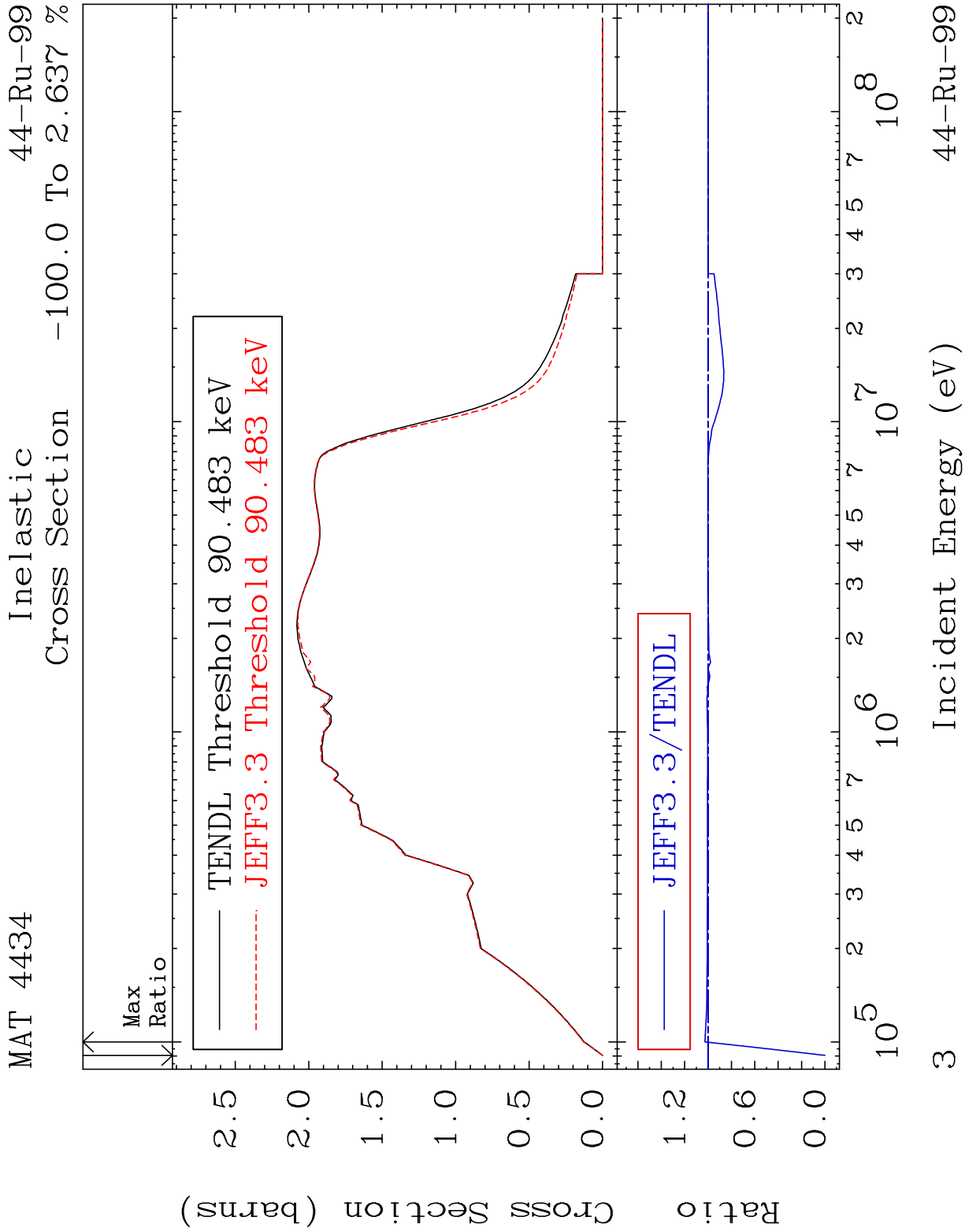
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

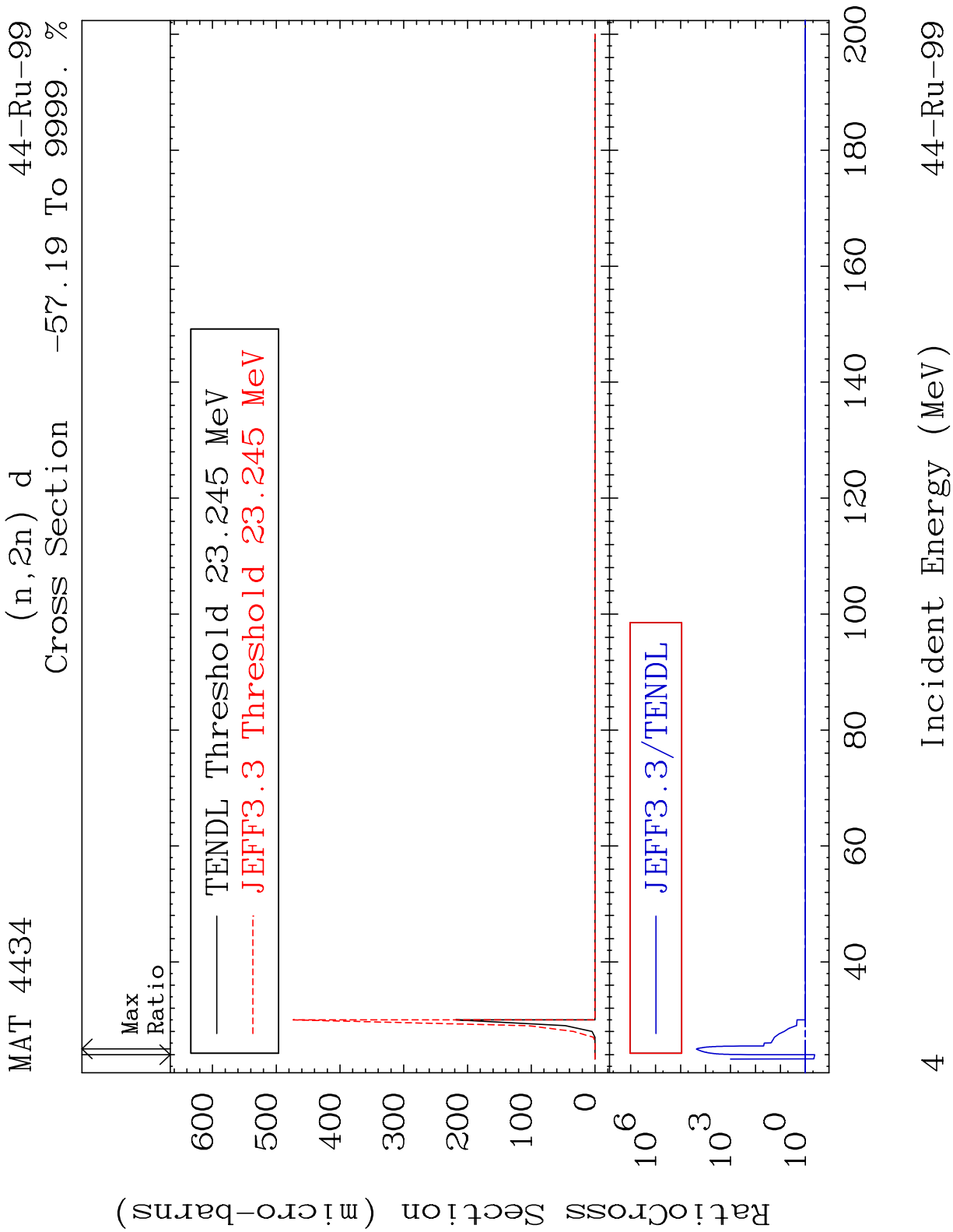
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

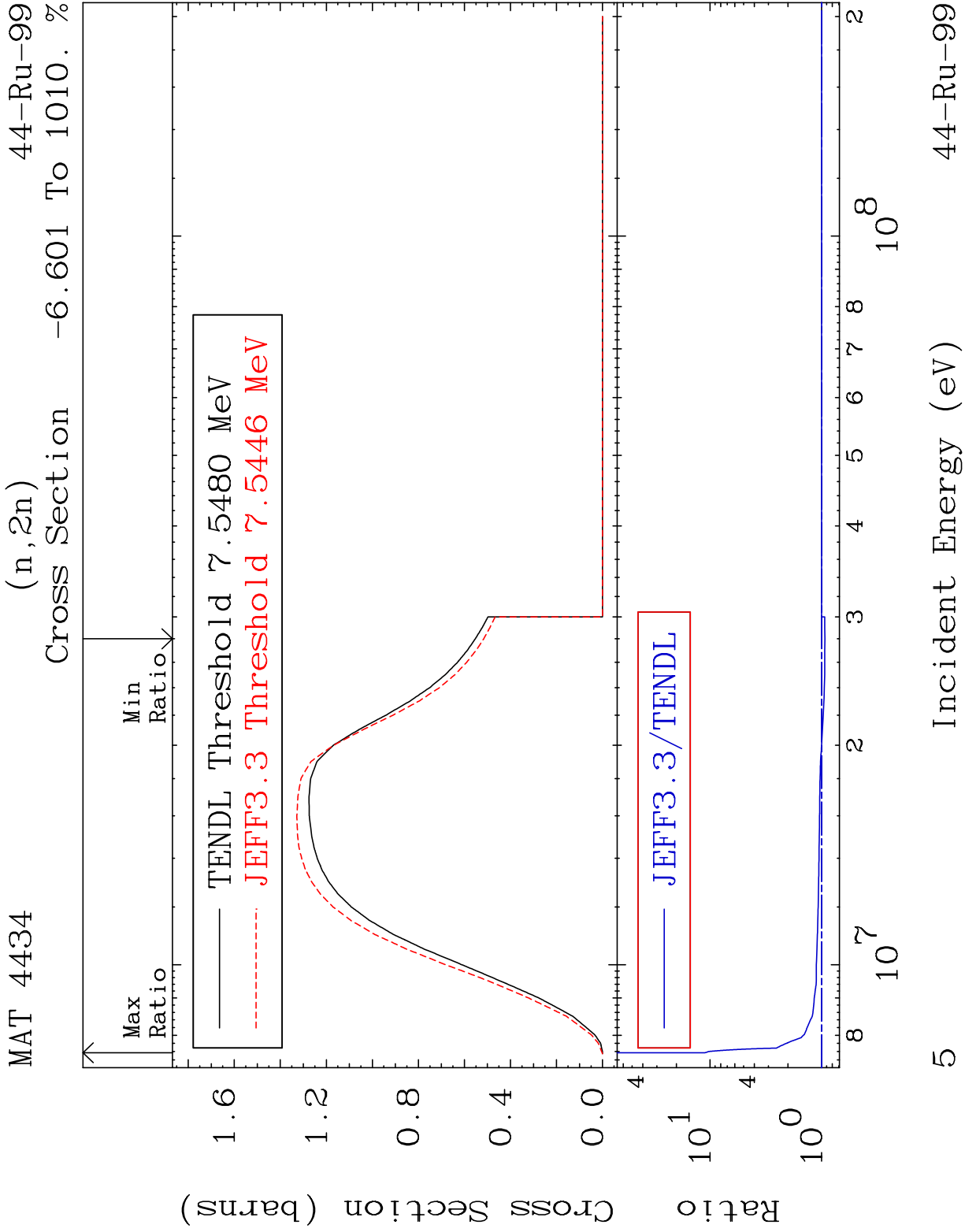
Press Mouse Button to Start

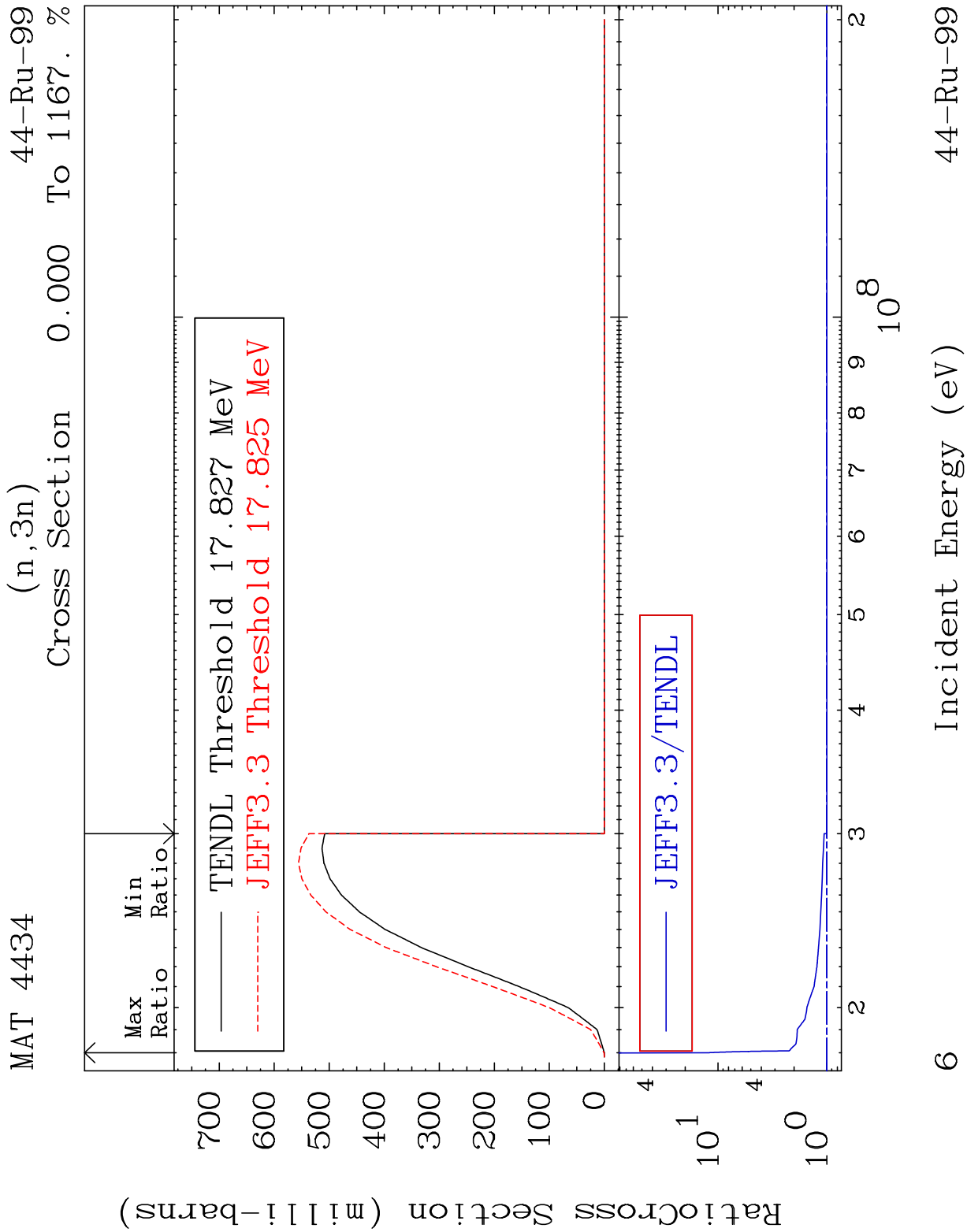










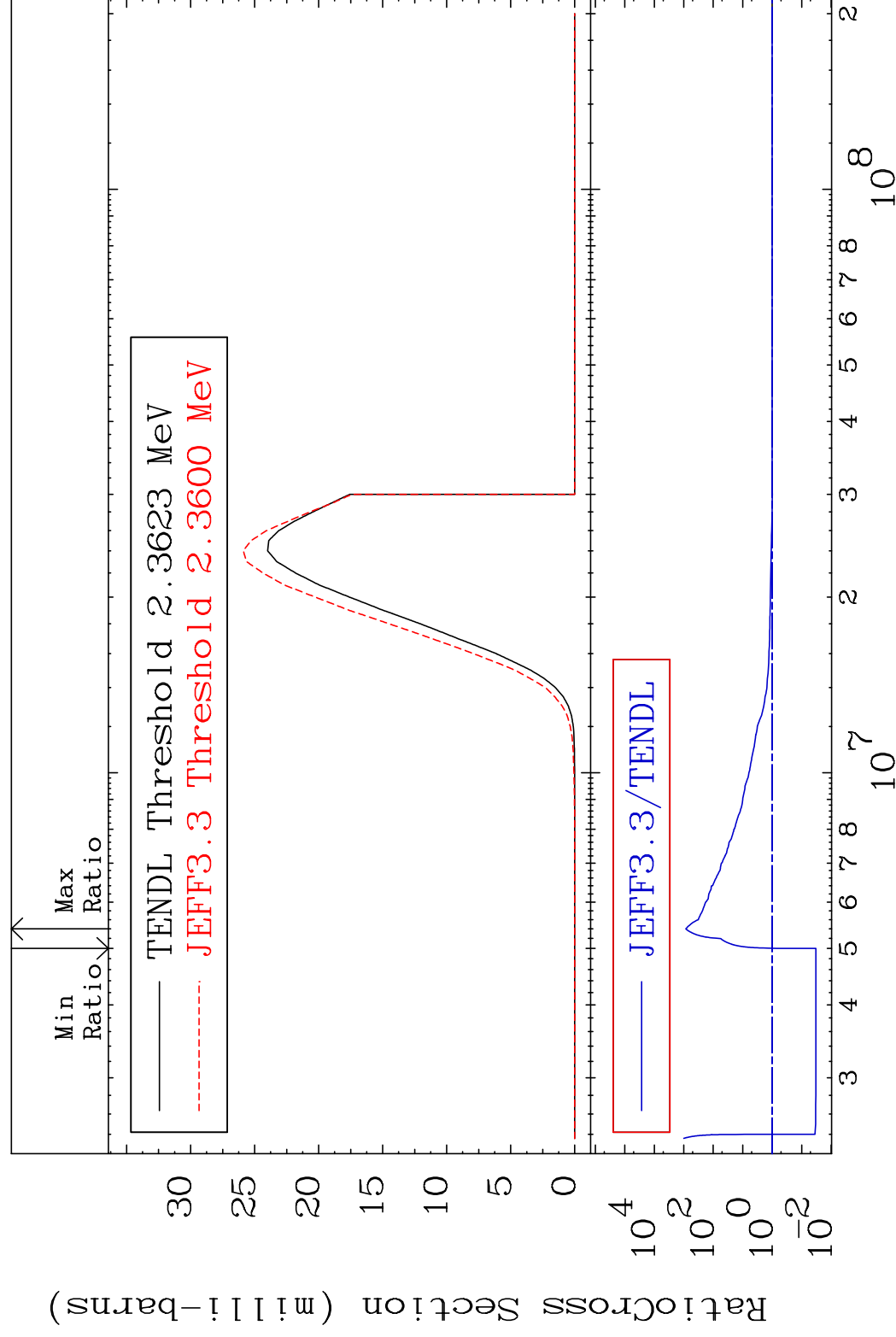


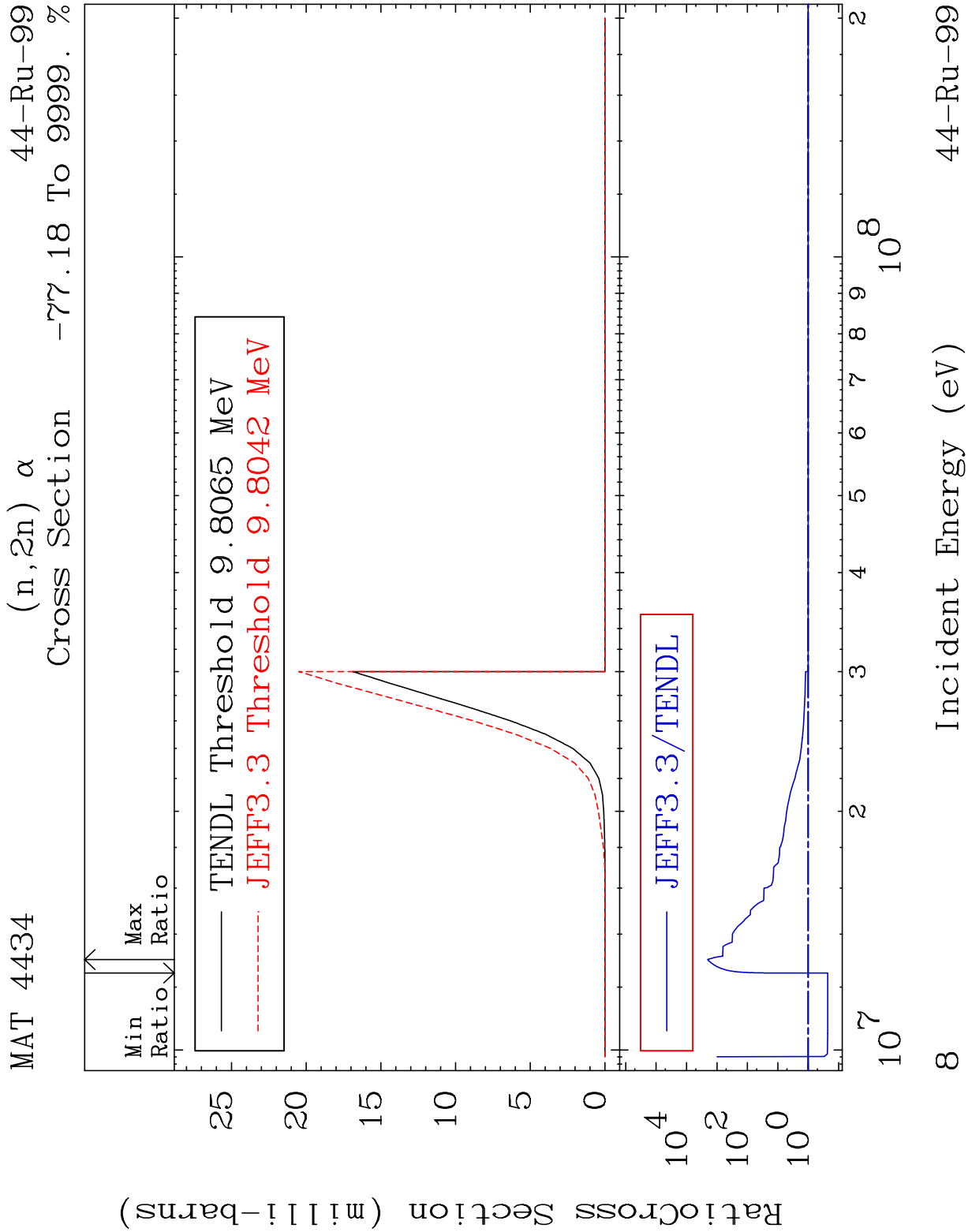
MAT 4434

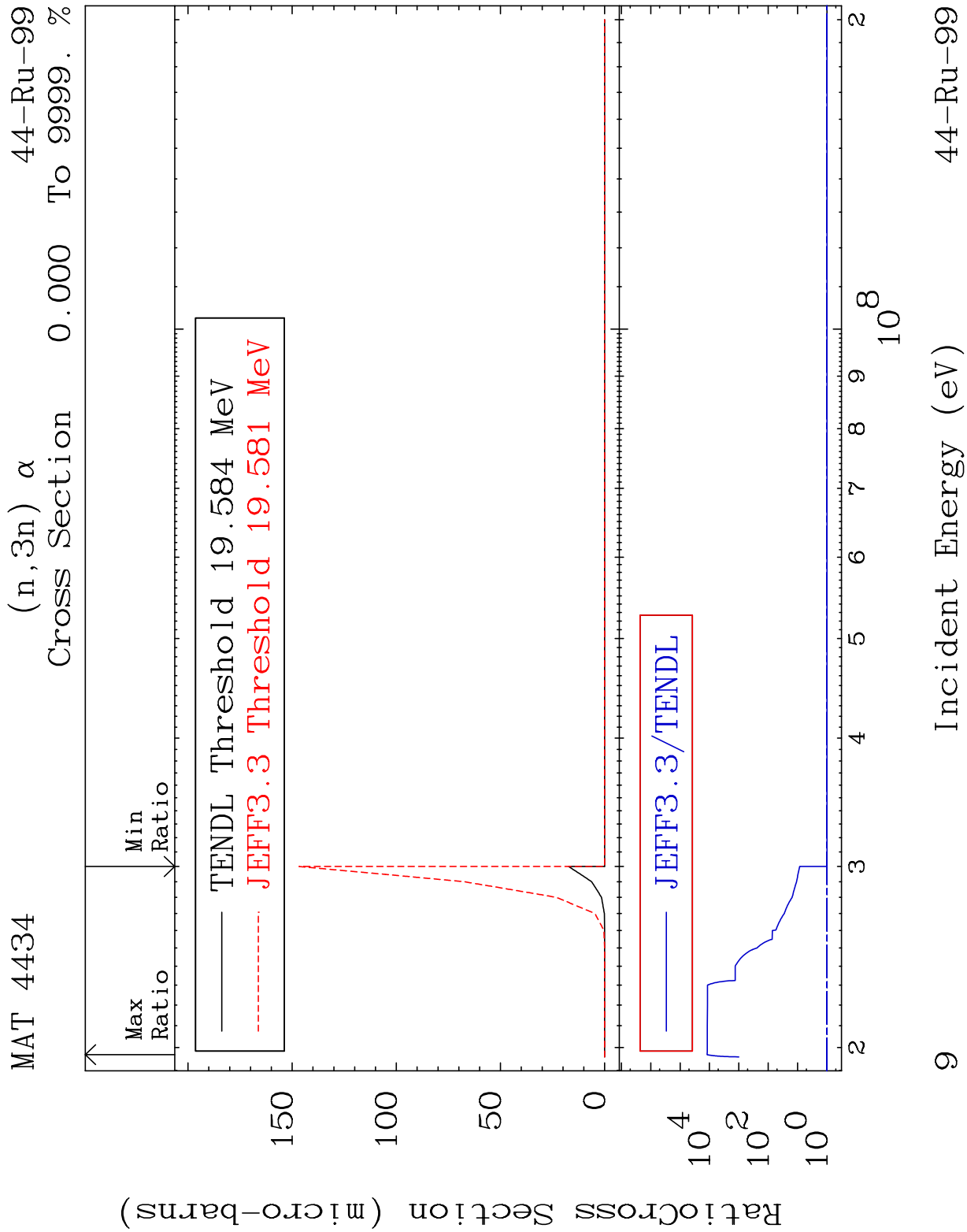
$$(n, n') \propto$$

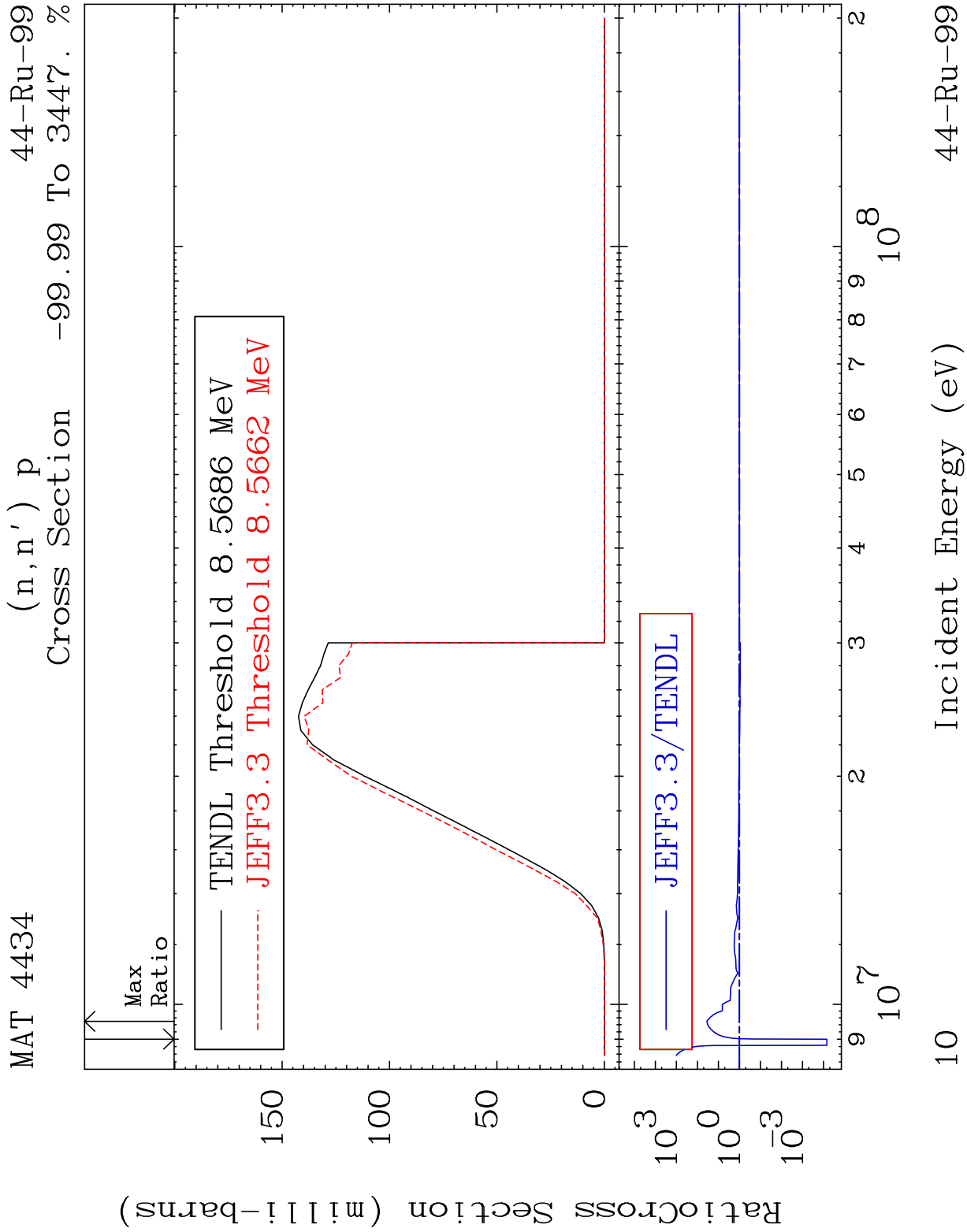
44-Ru-99

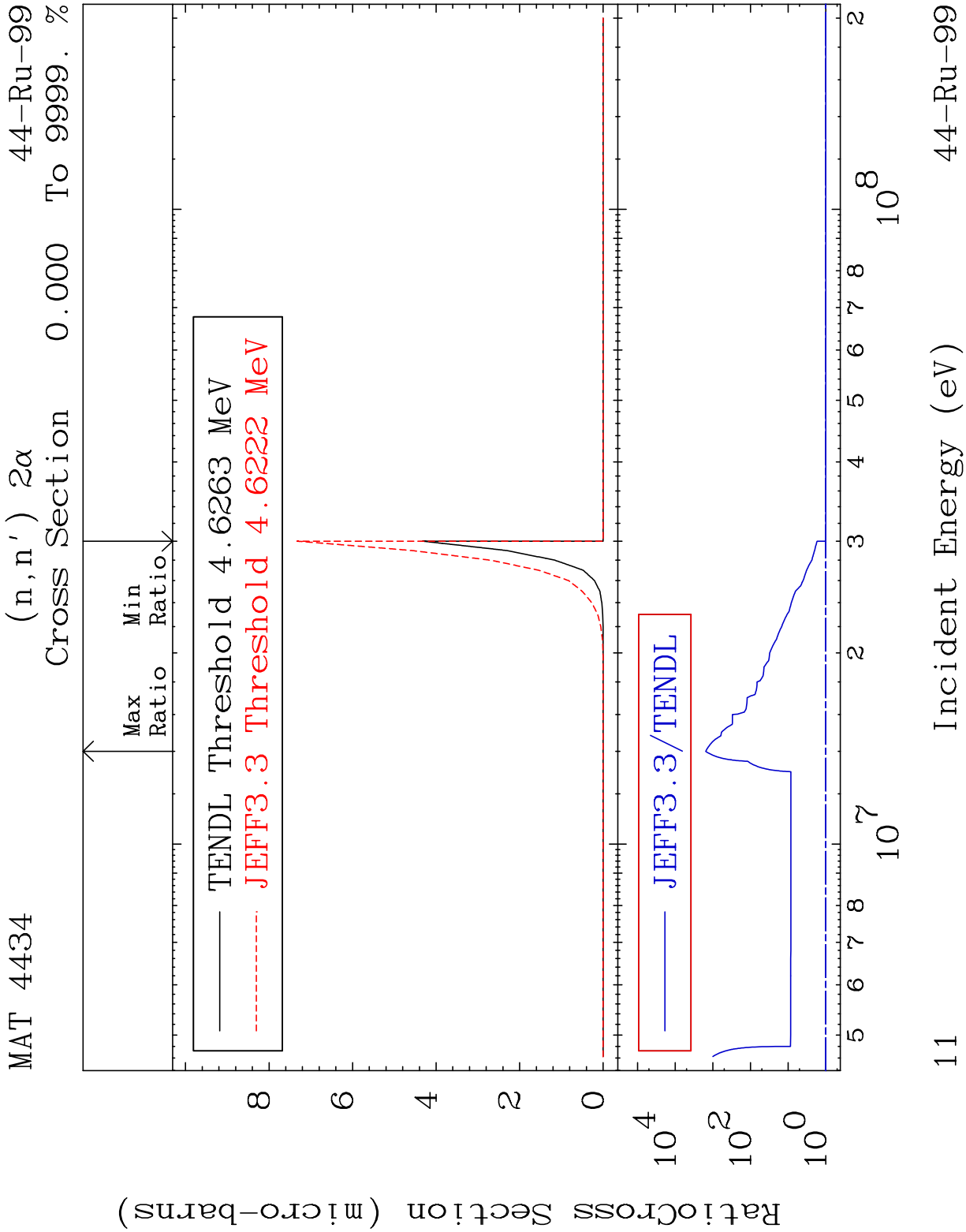
Cross Section -96.70 To 9999. %

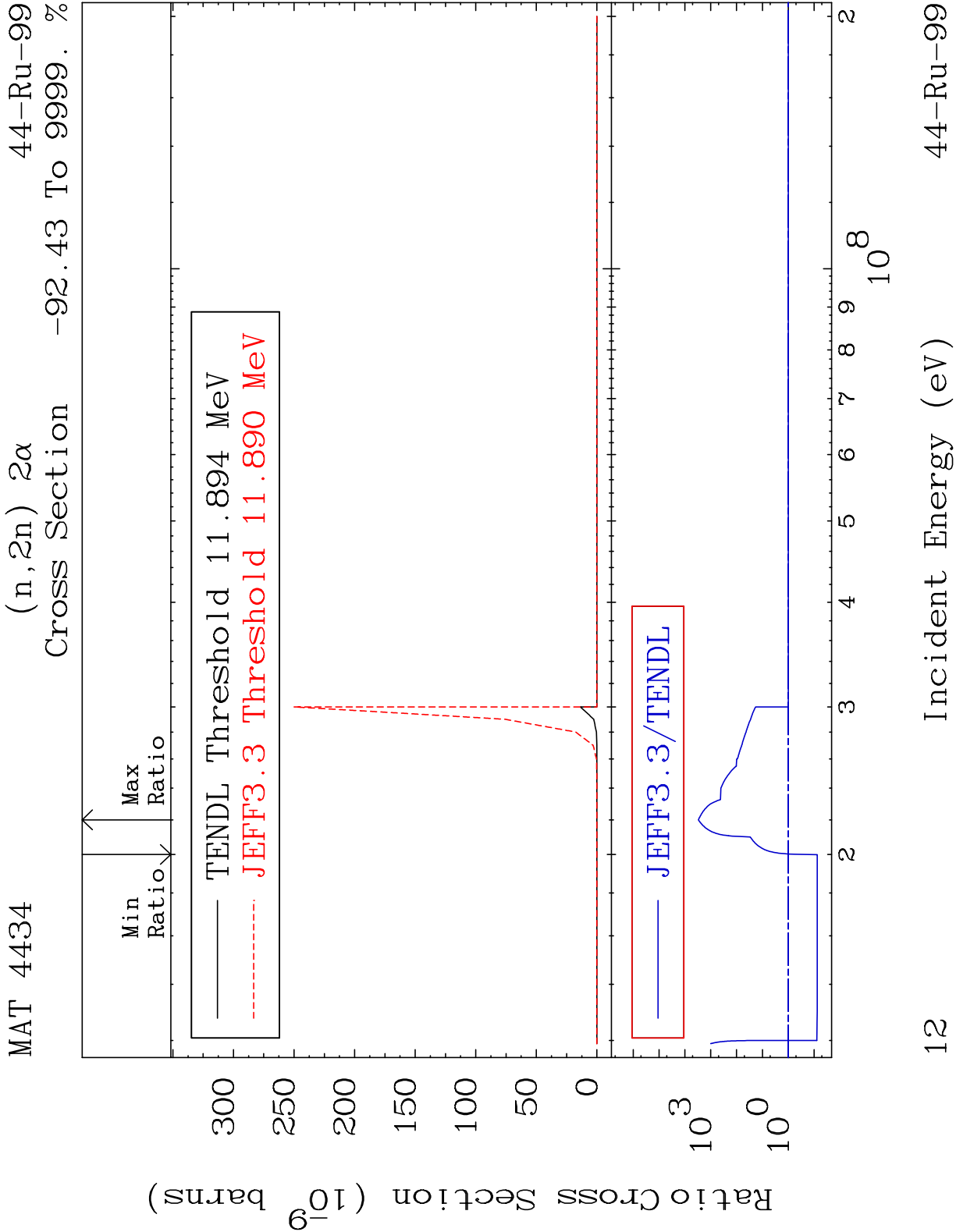


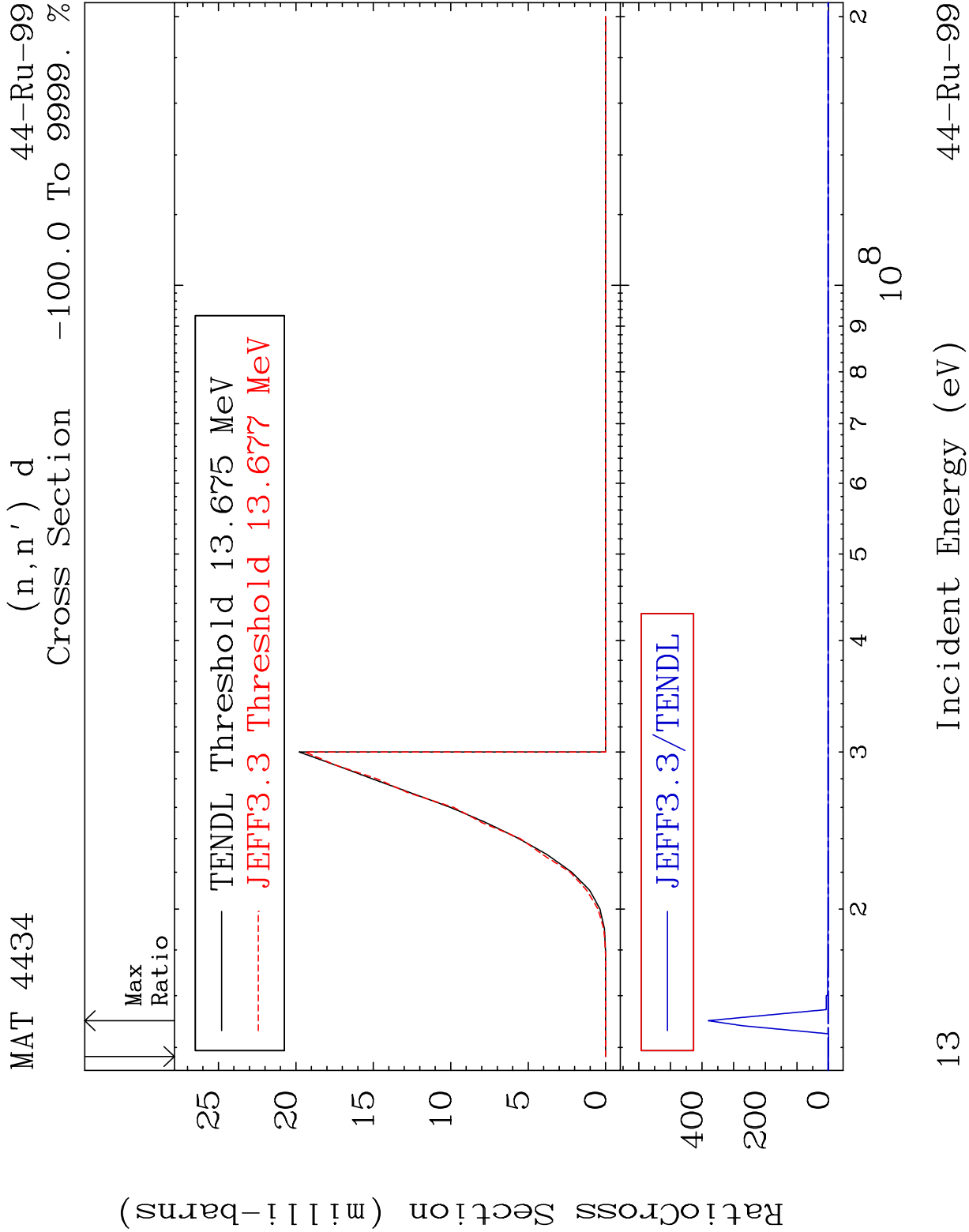


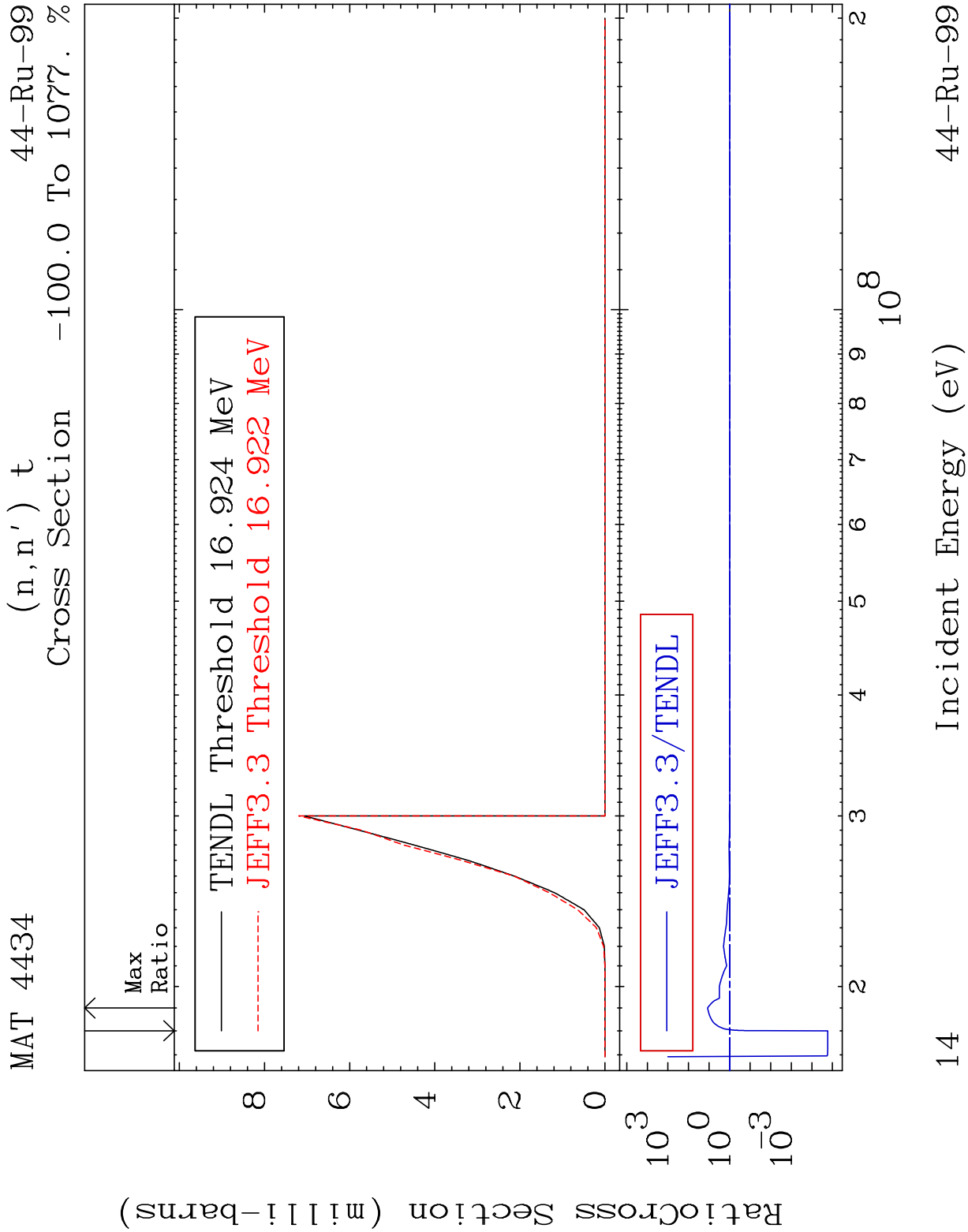


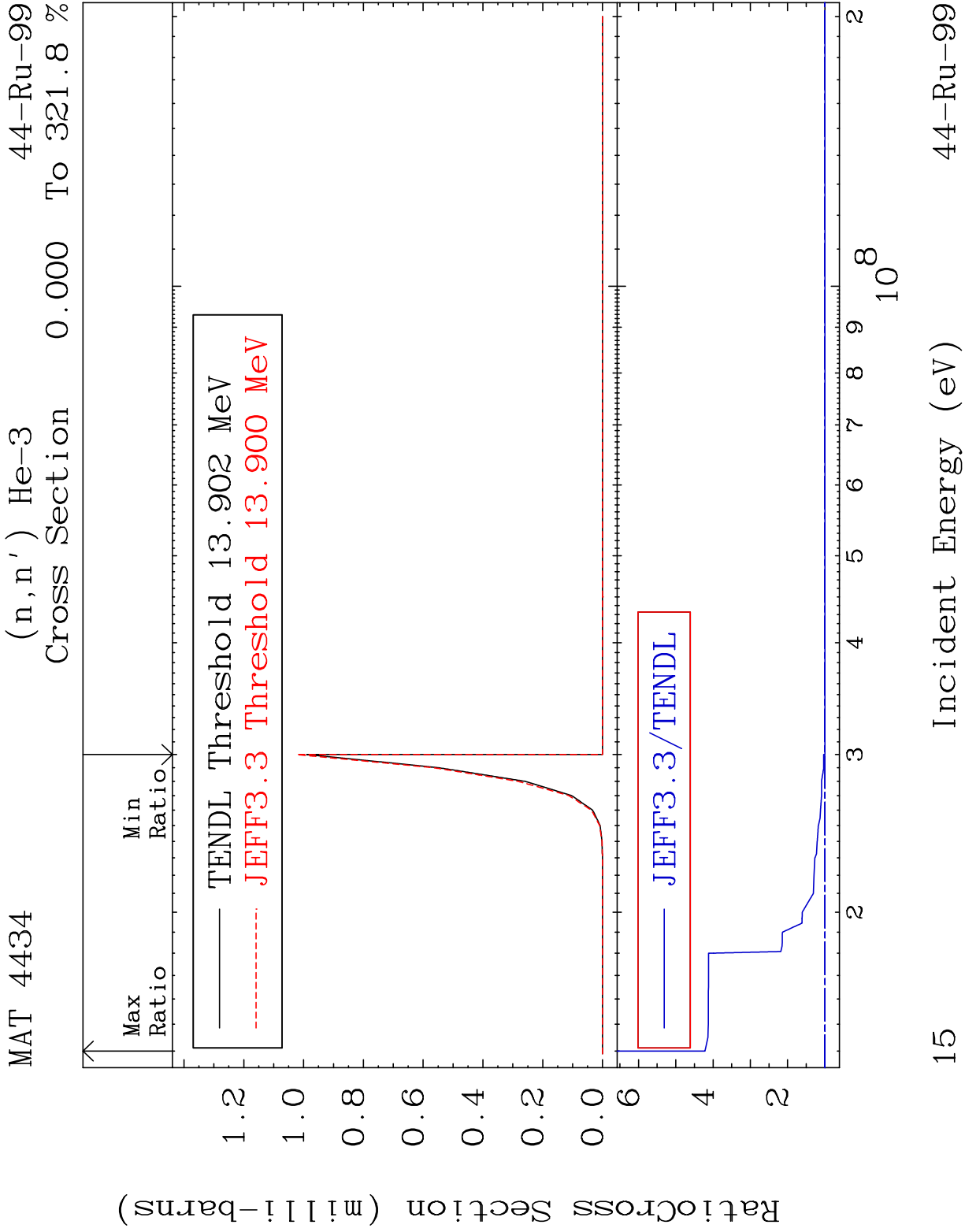


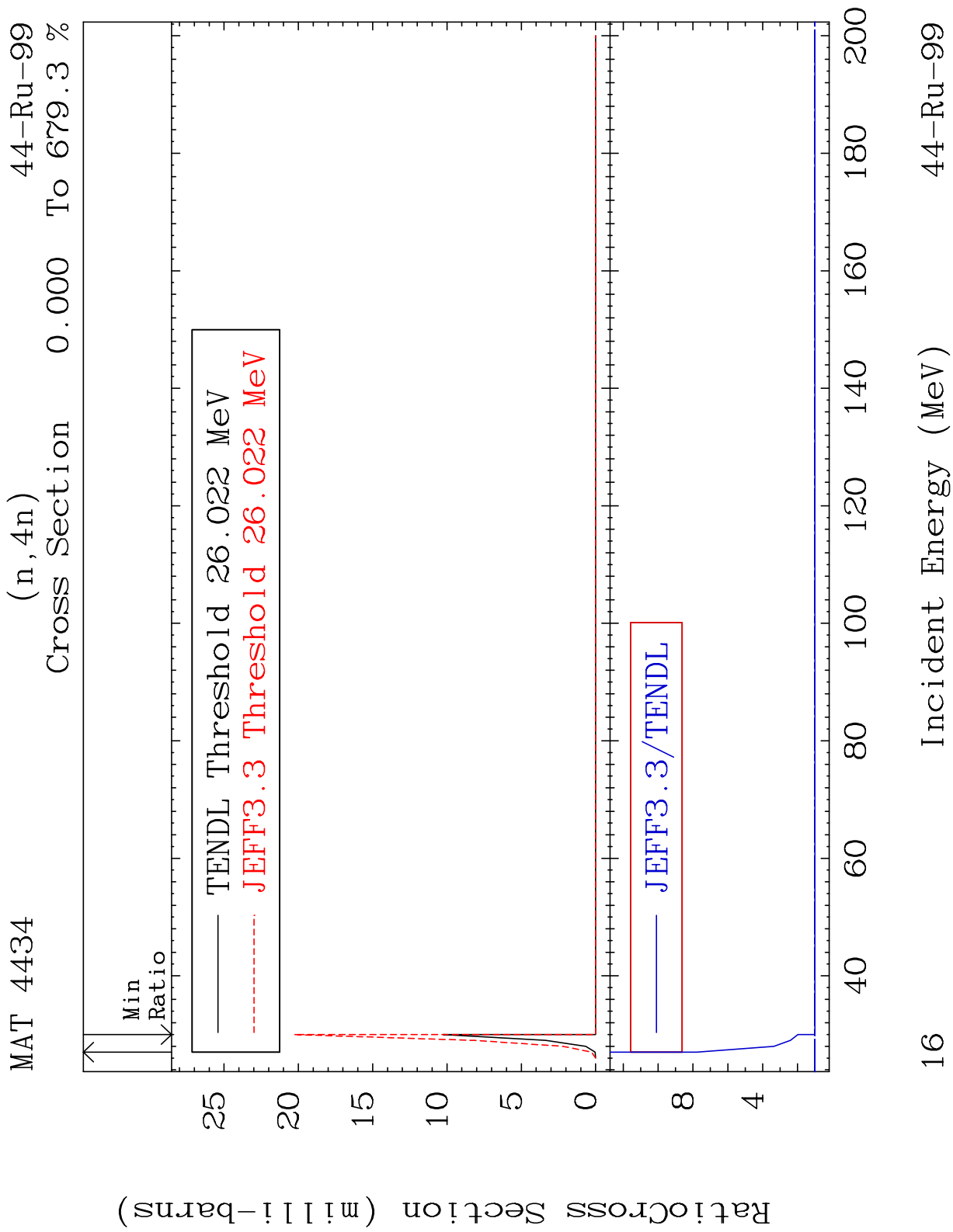


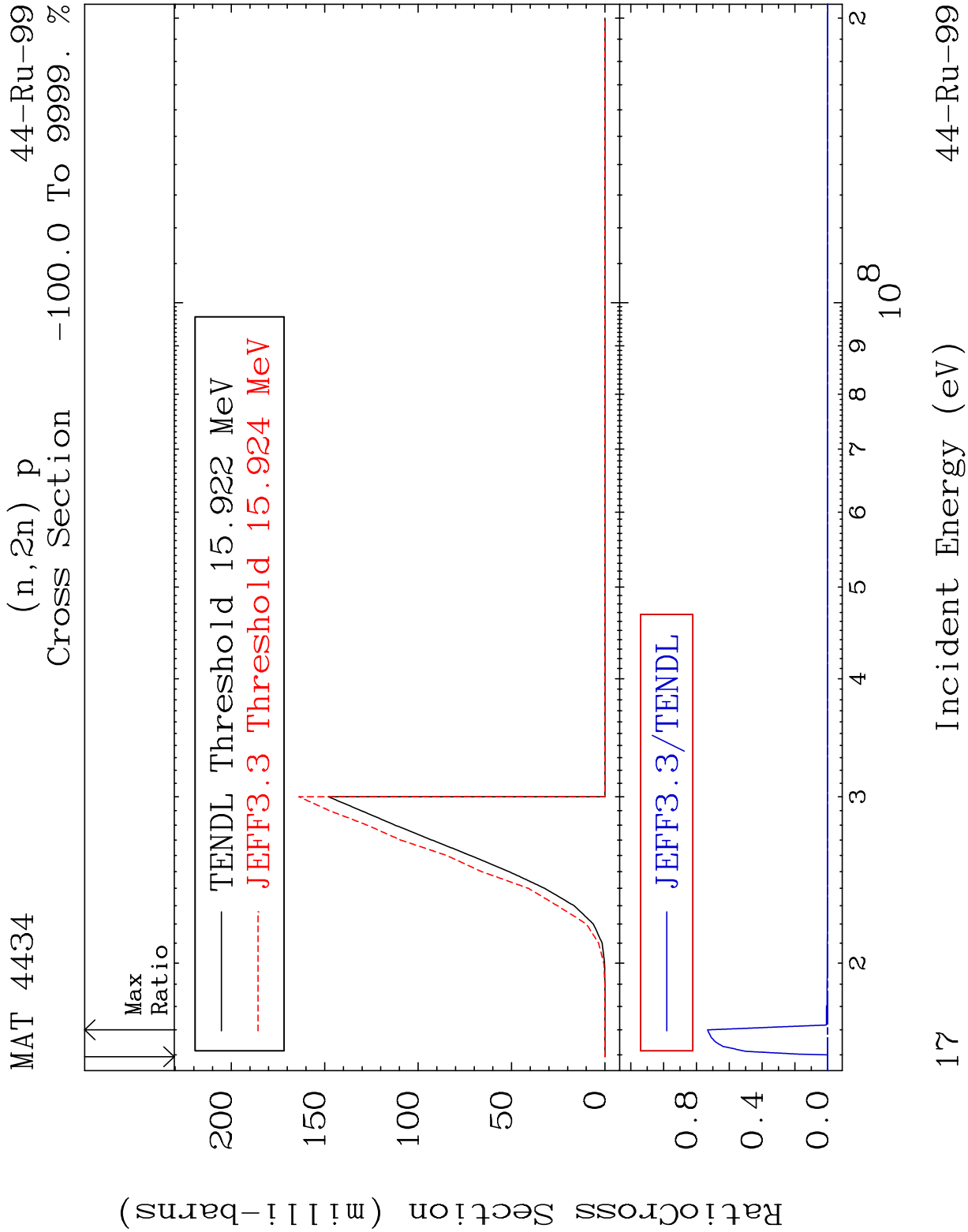


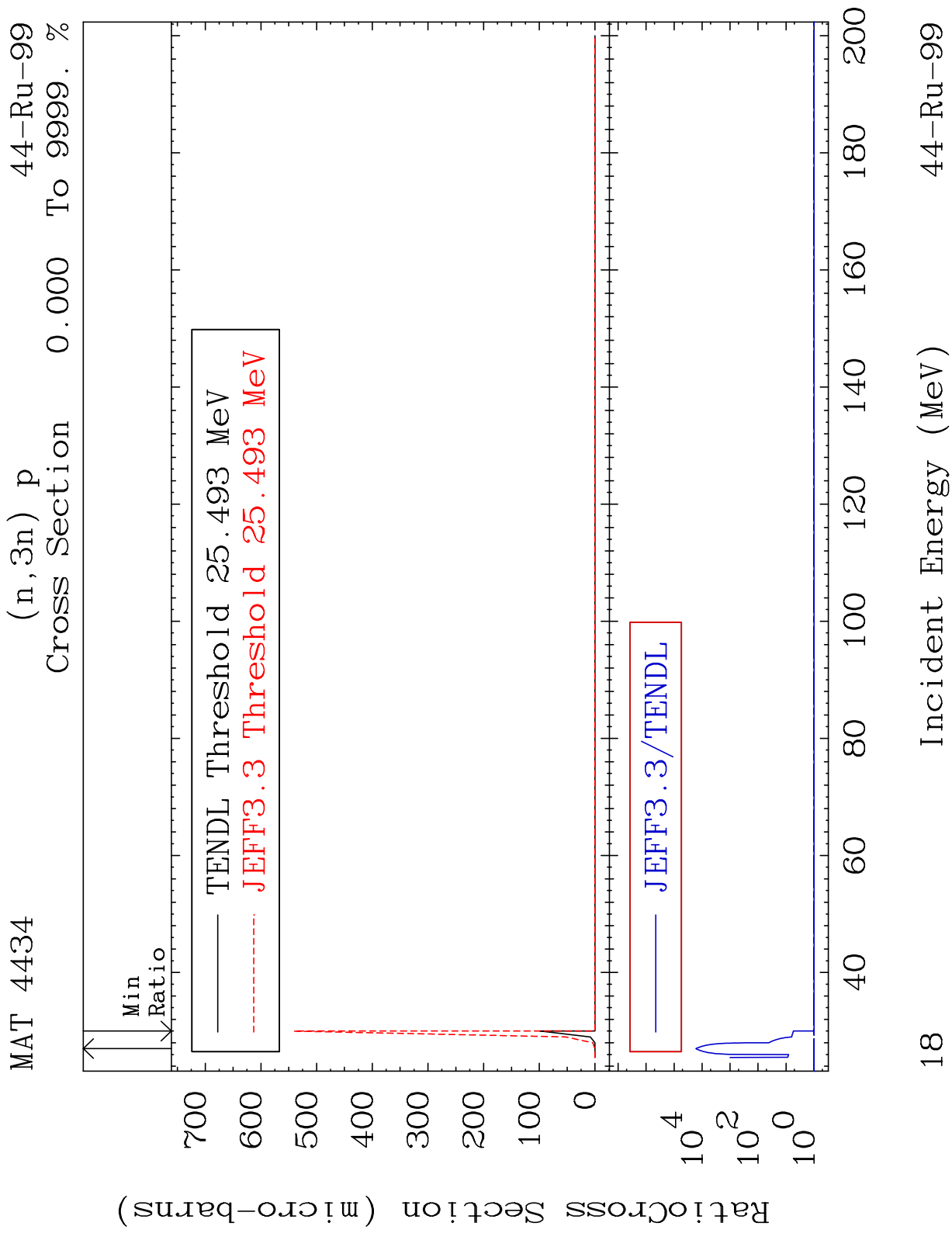


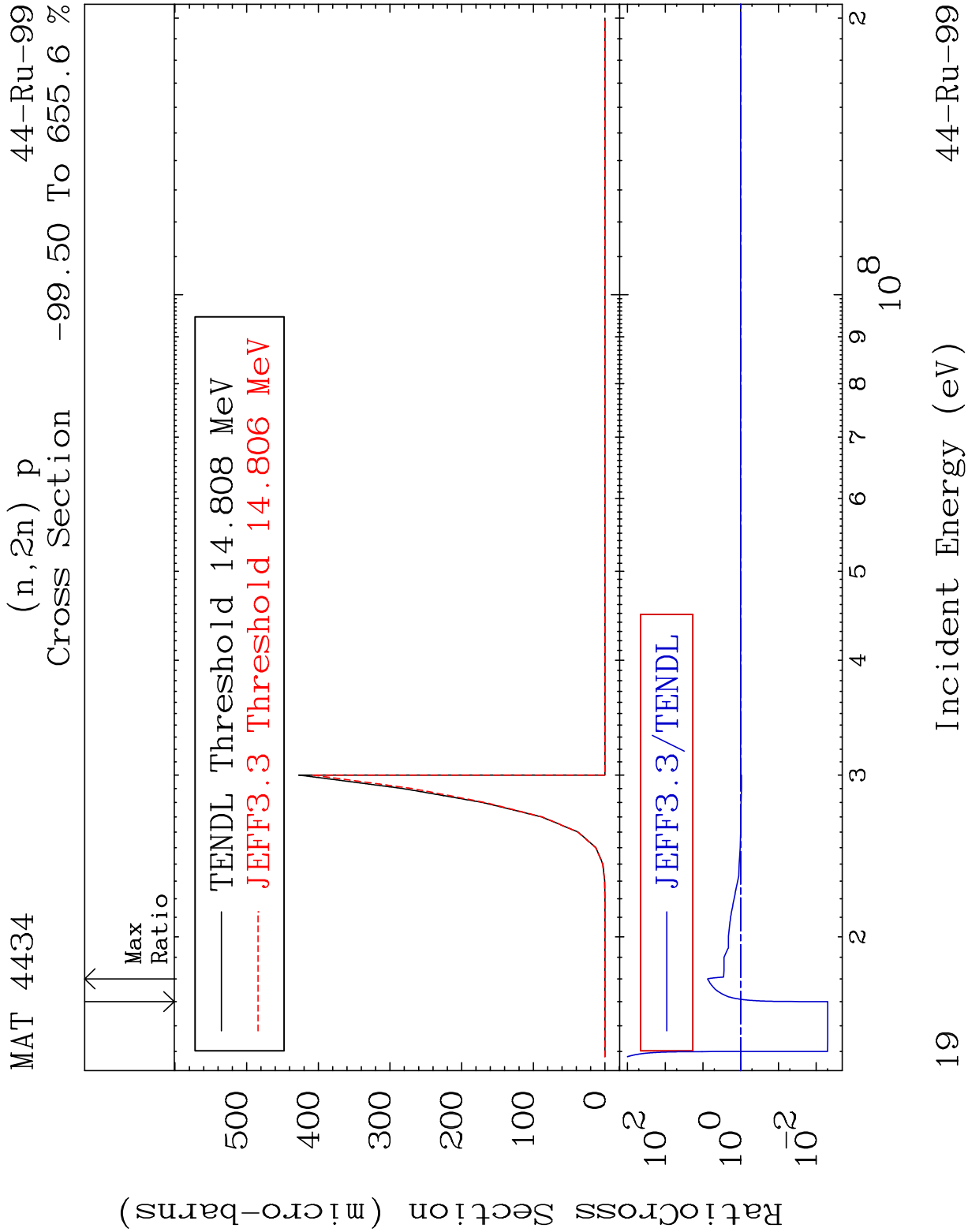


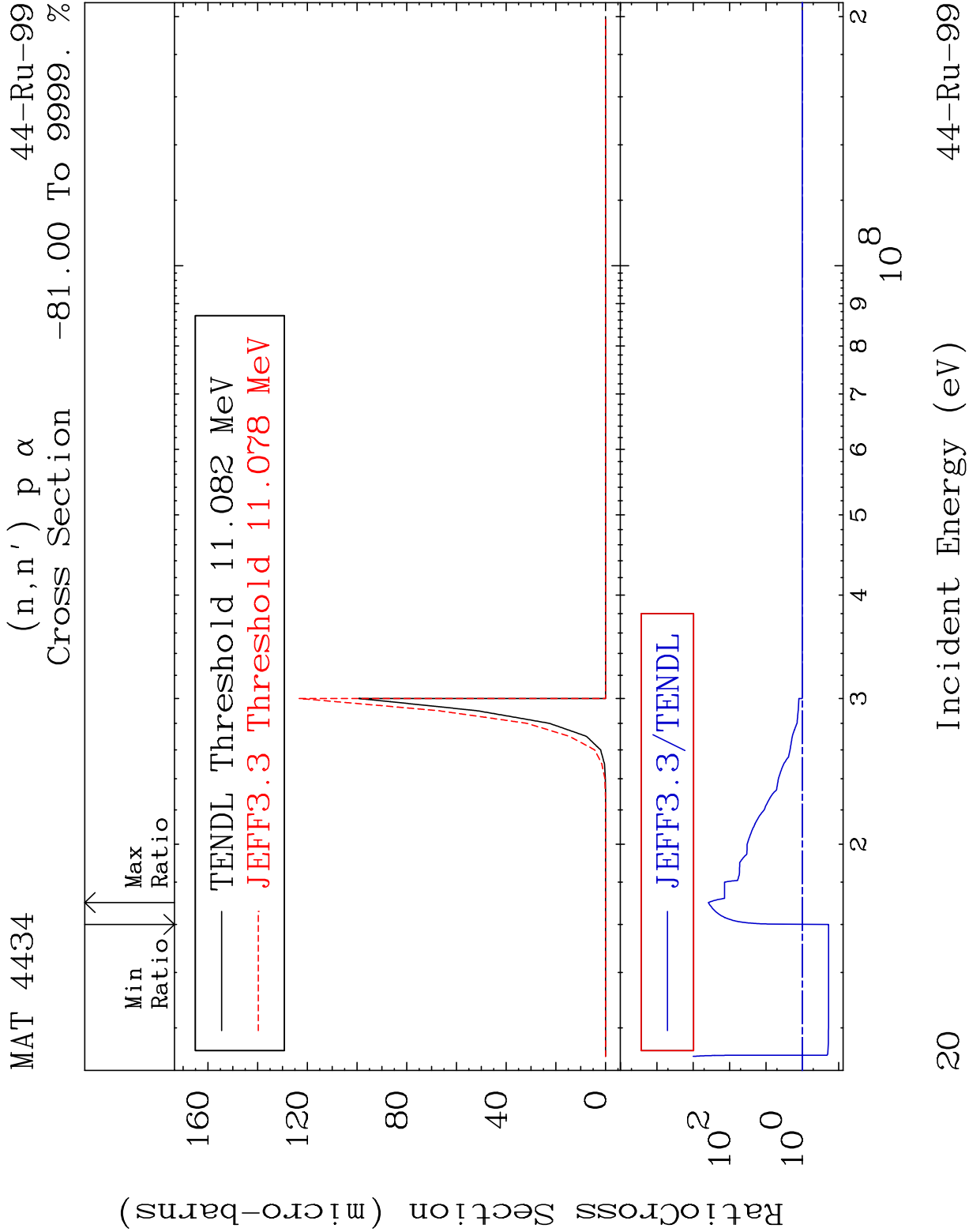










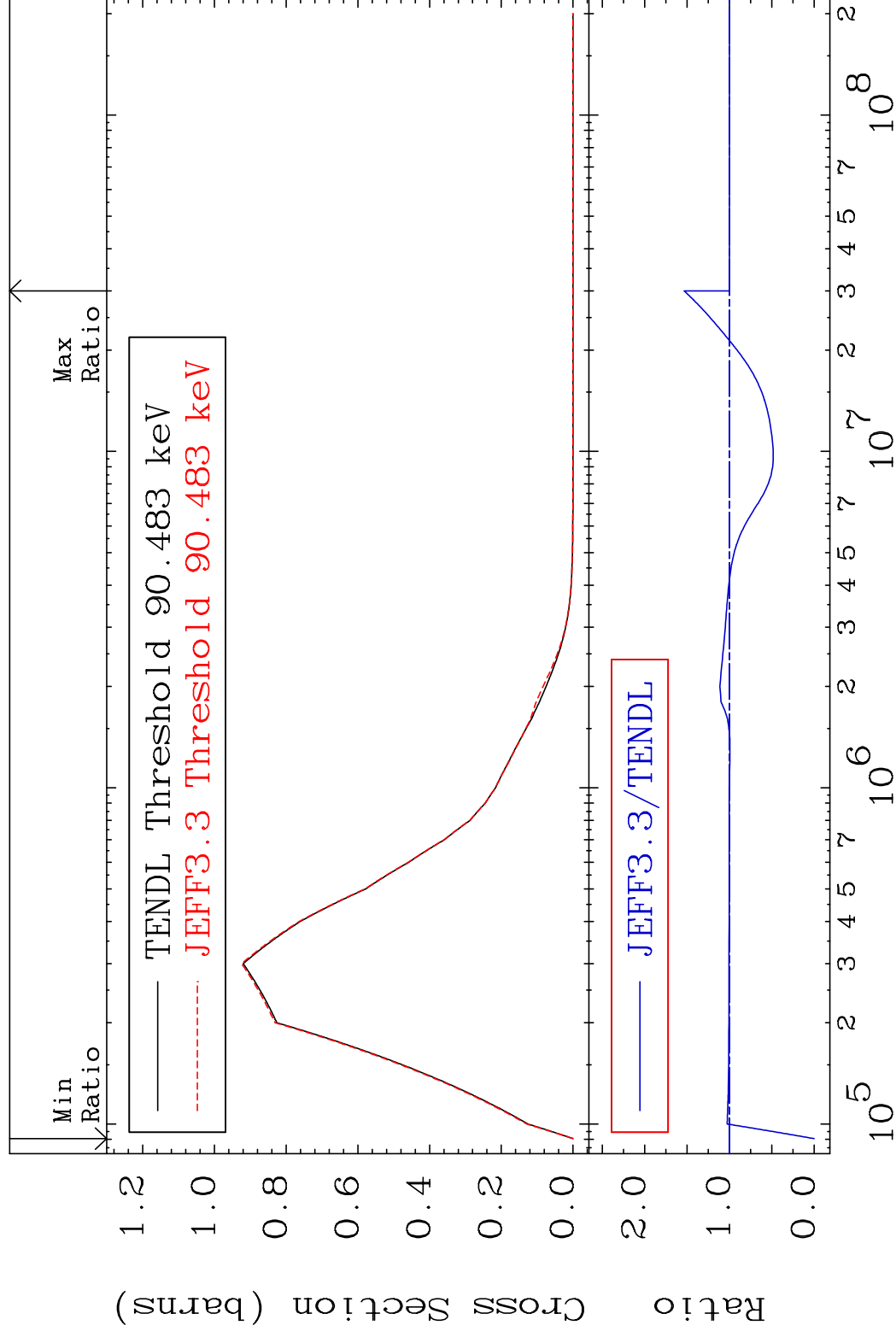


MAT 4434

MT=51 (n, n') Level

44-Ru-99

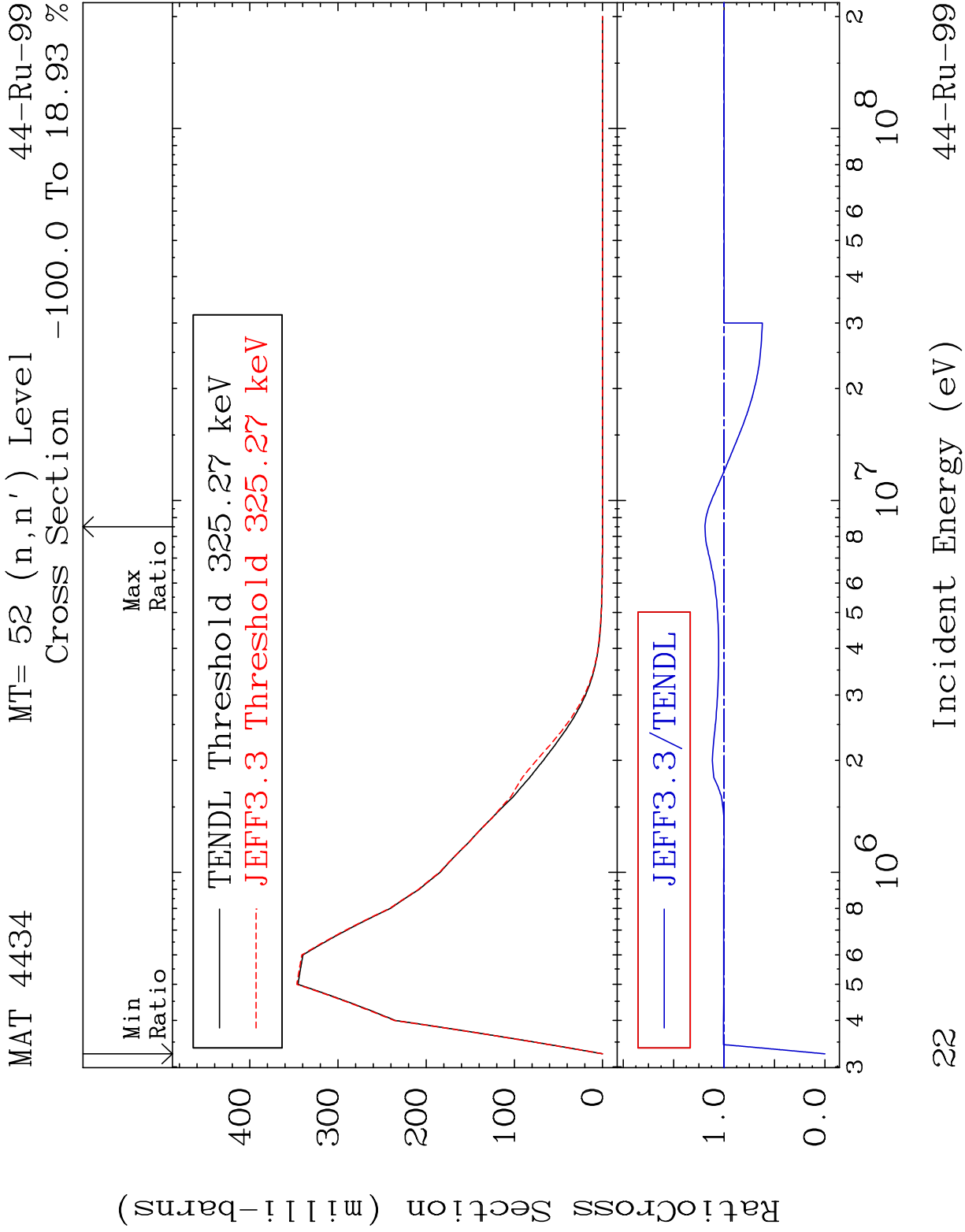
Cross Section	-100.0 To 53.52 %

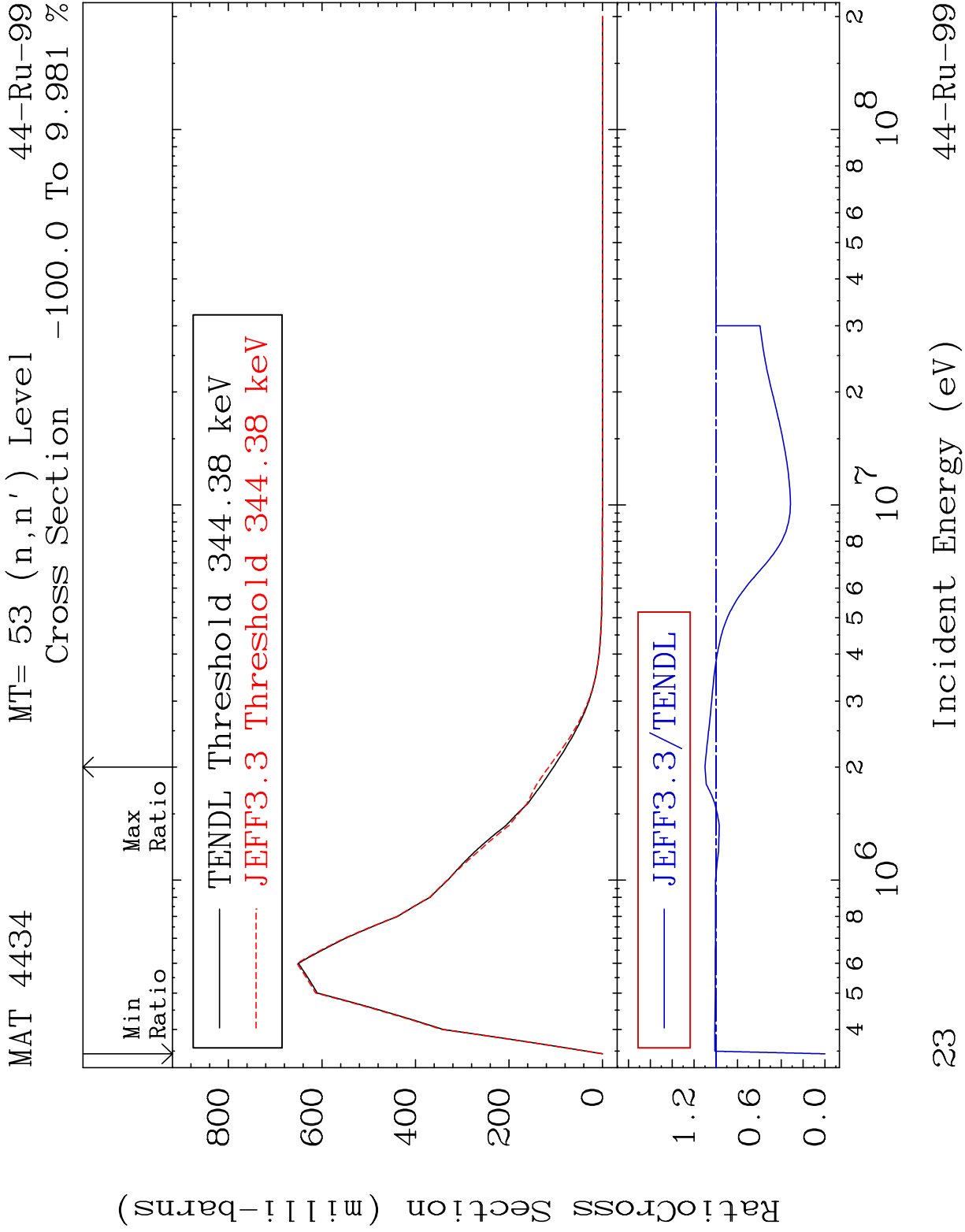


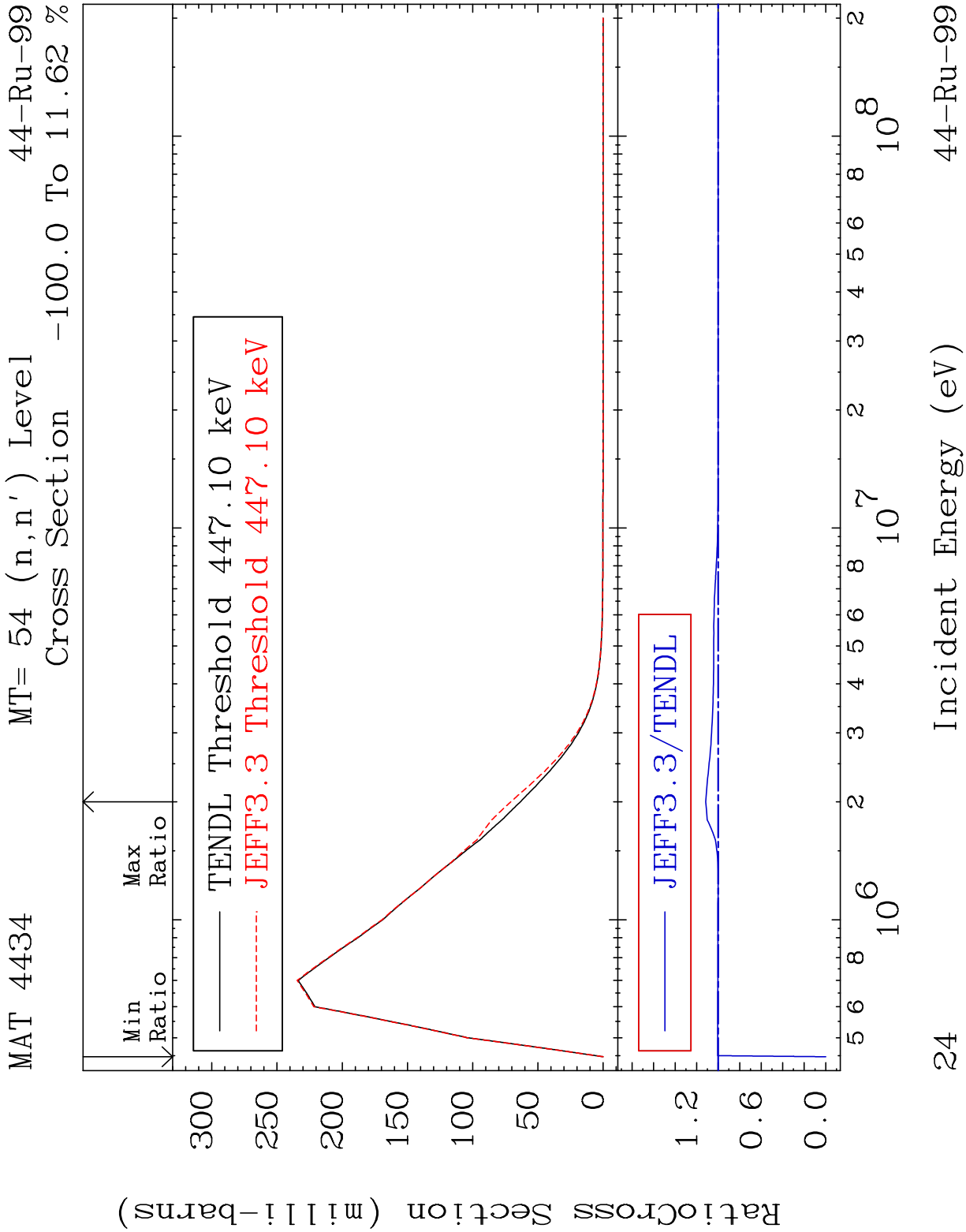
21

Incident Energy (eV)

44-Ru-99





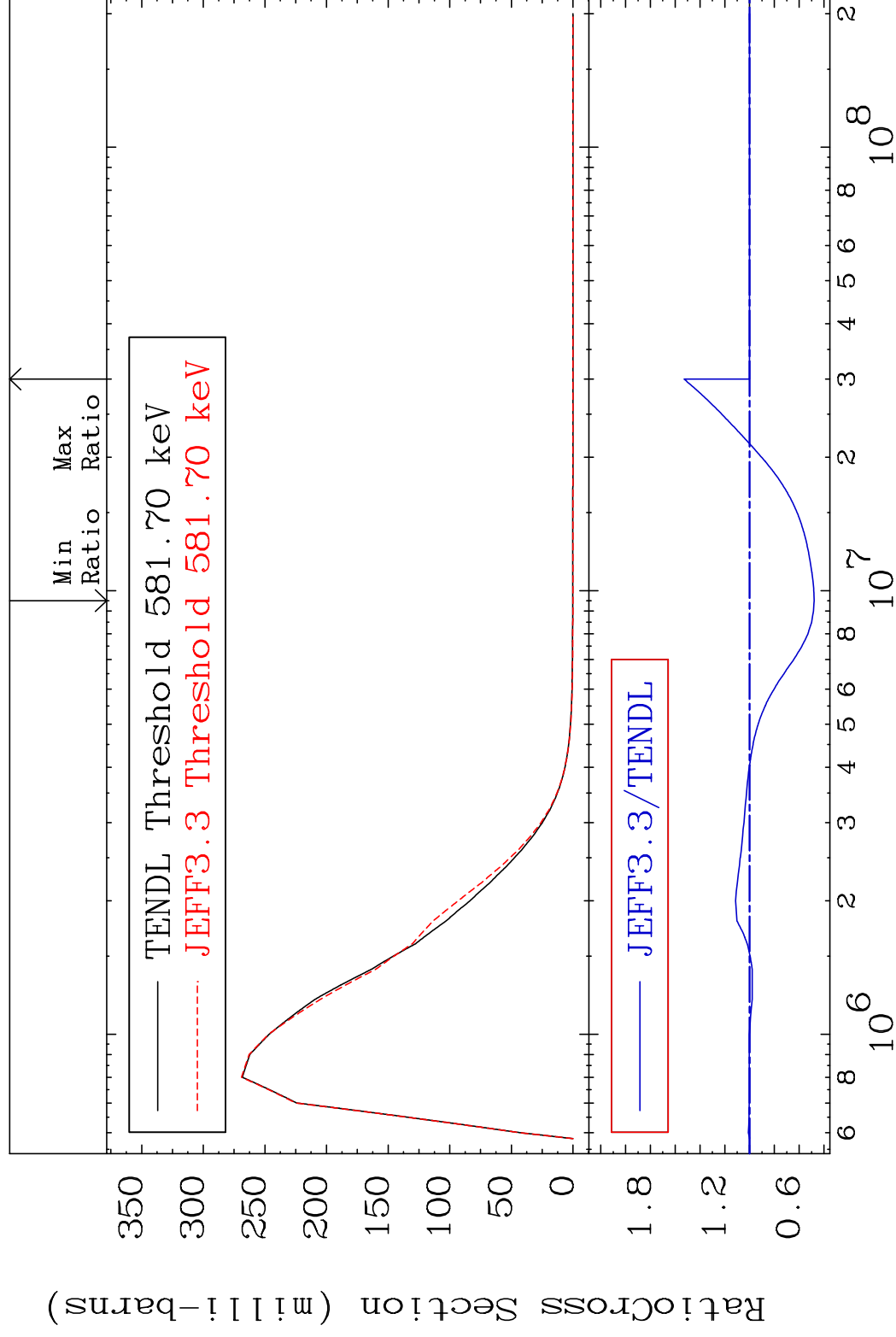


MAT 4434

MT= 55 (n, n') Level

44-Ru-99

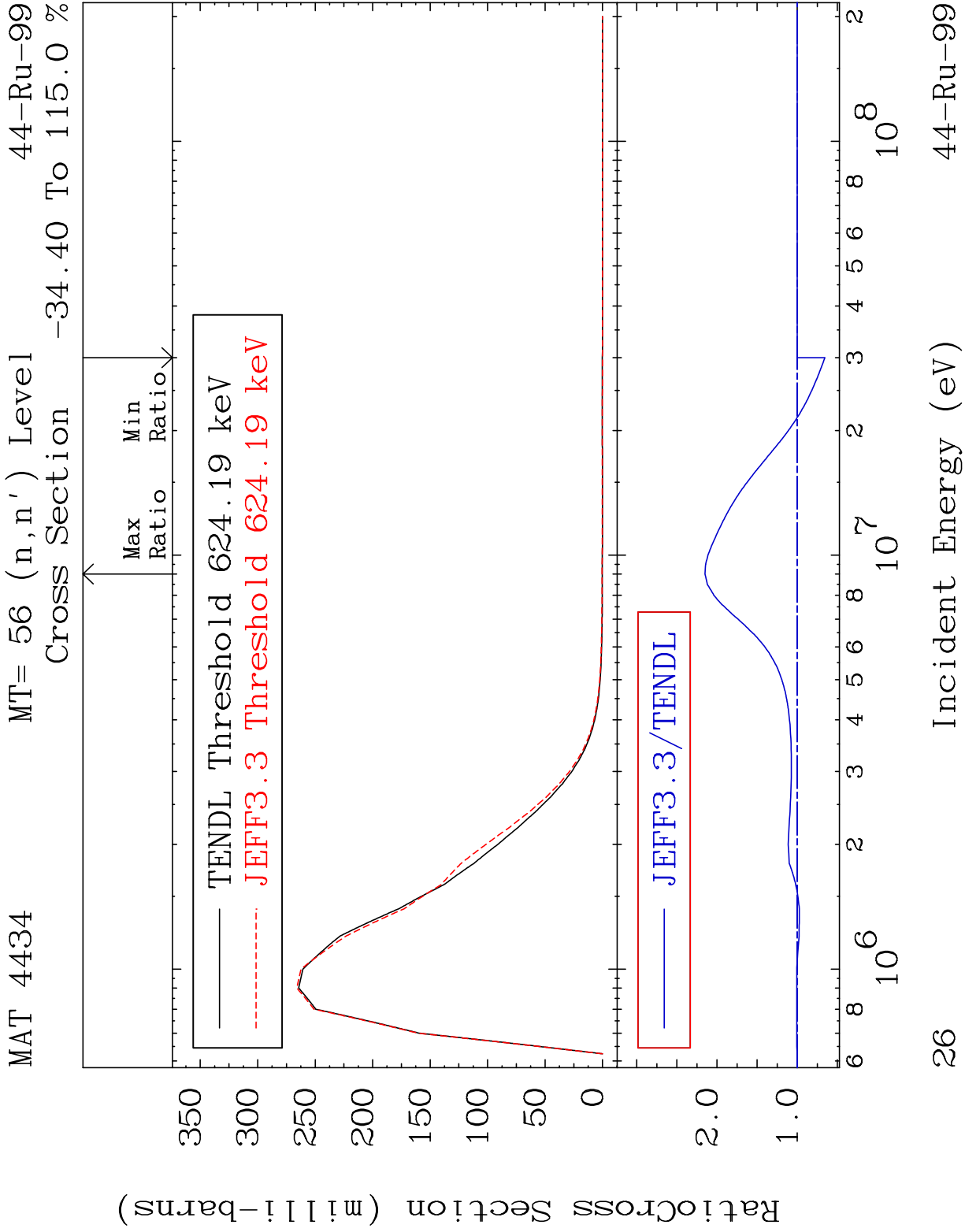
Cross Section -52.04 To 52.84 %

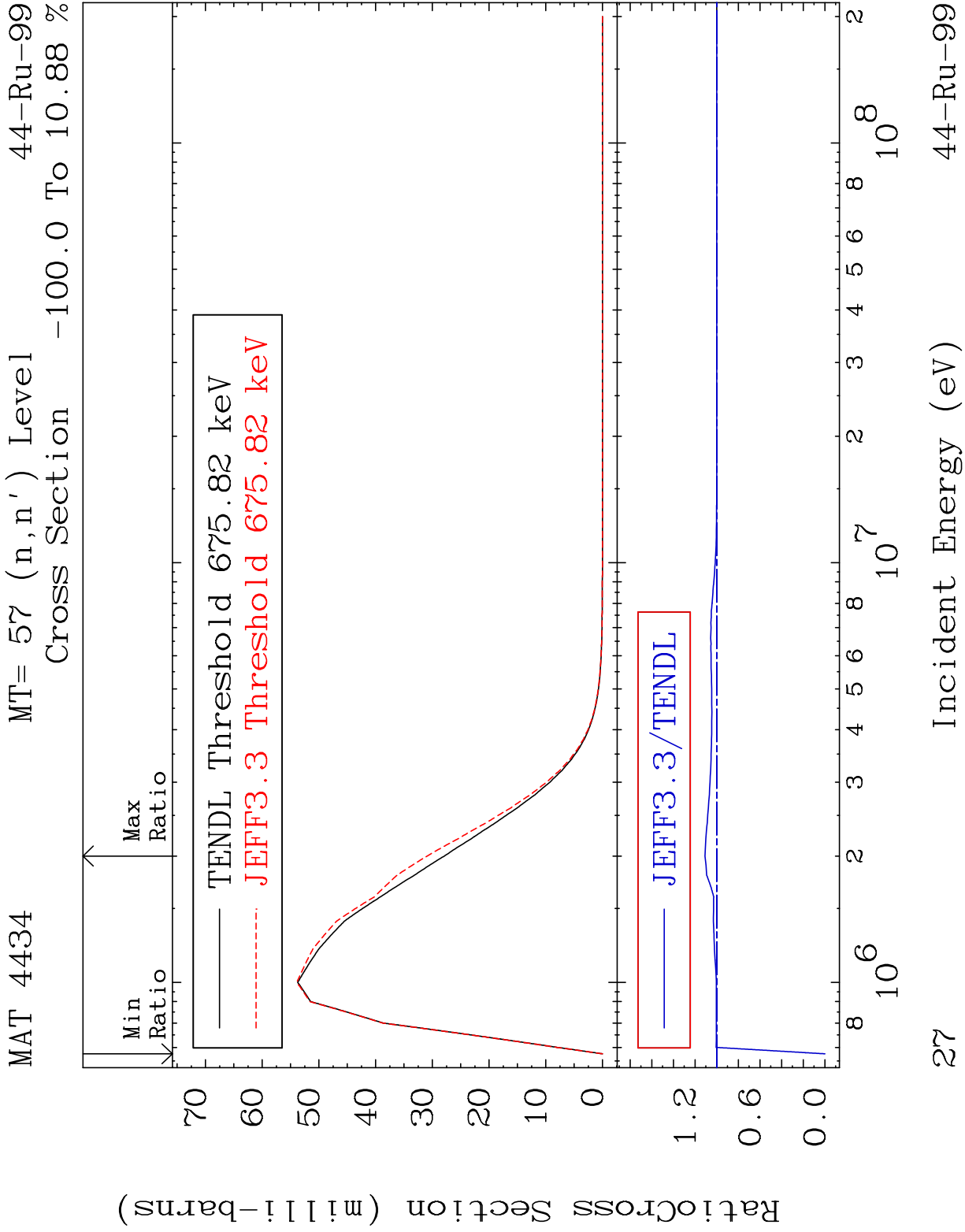


25

Incident Energy (eV)

44-Ru-99





Ratio Cross Section (milli-barns)

Incident Energy (eV)

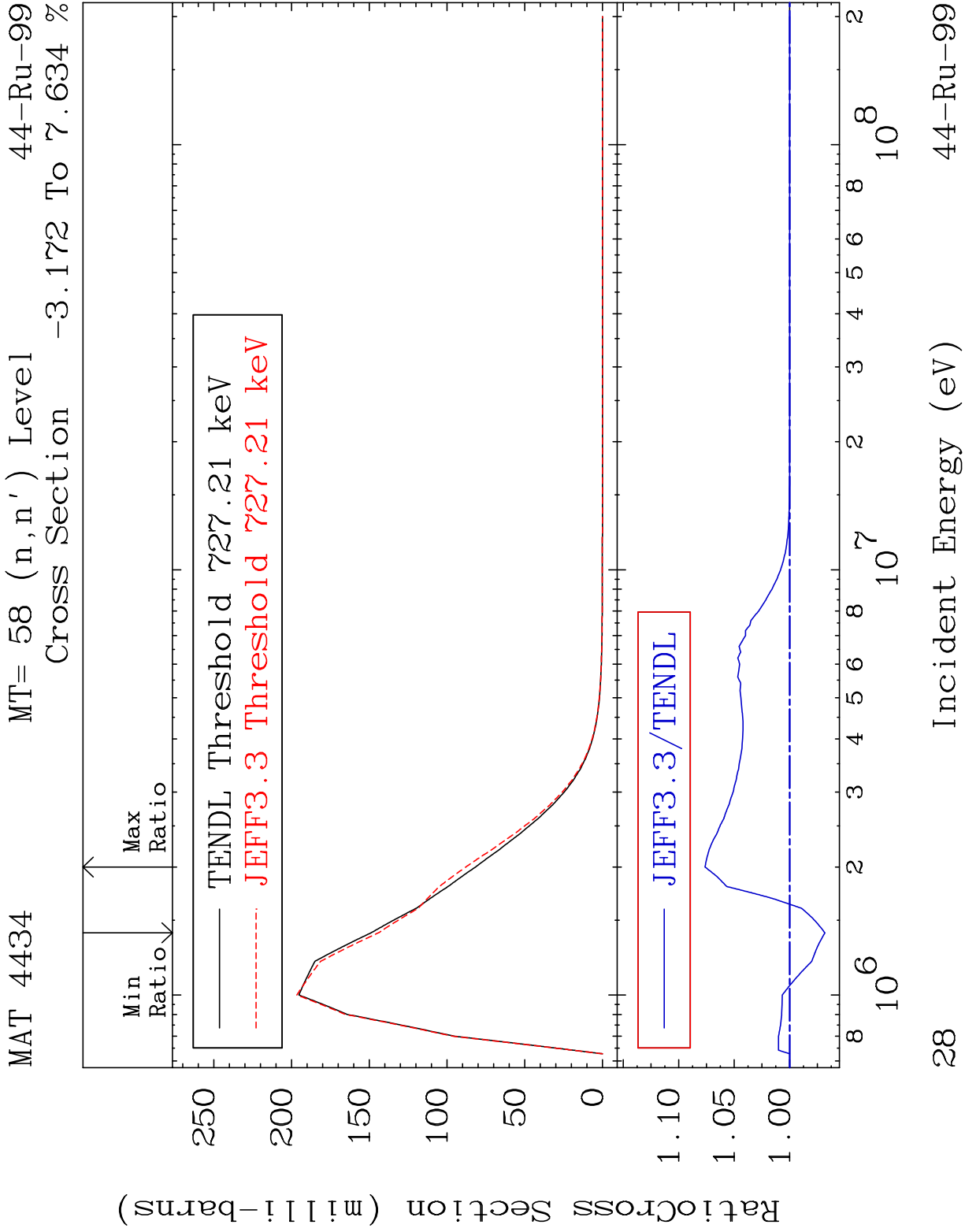
Min Ratio

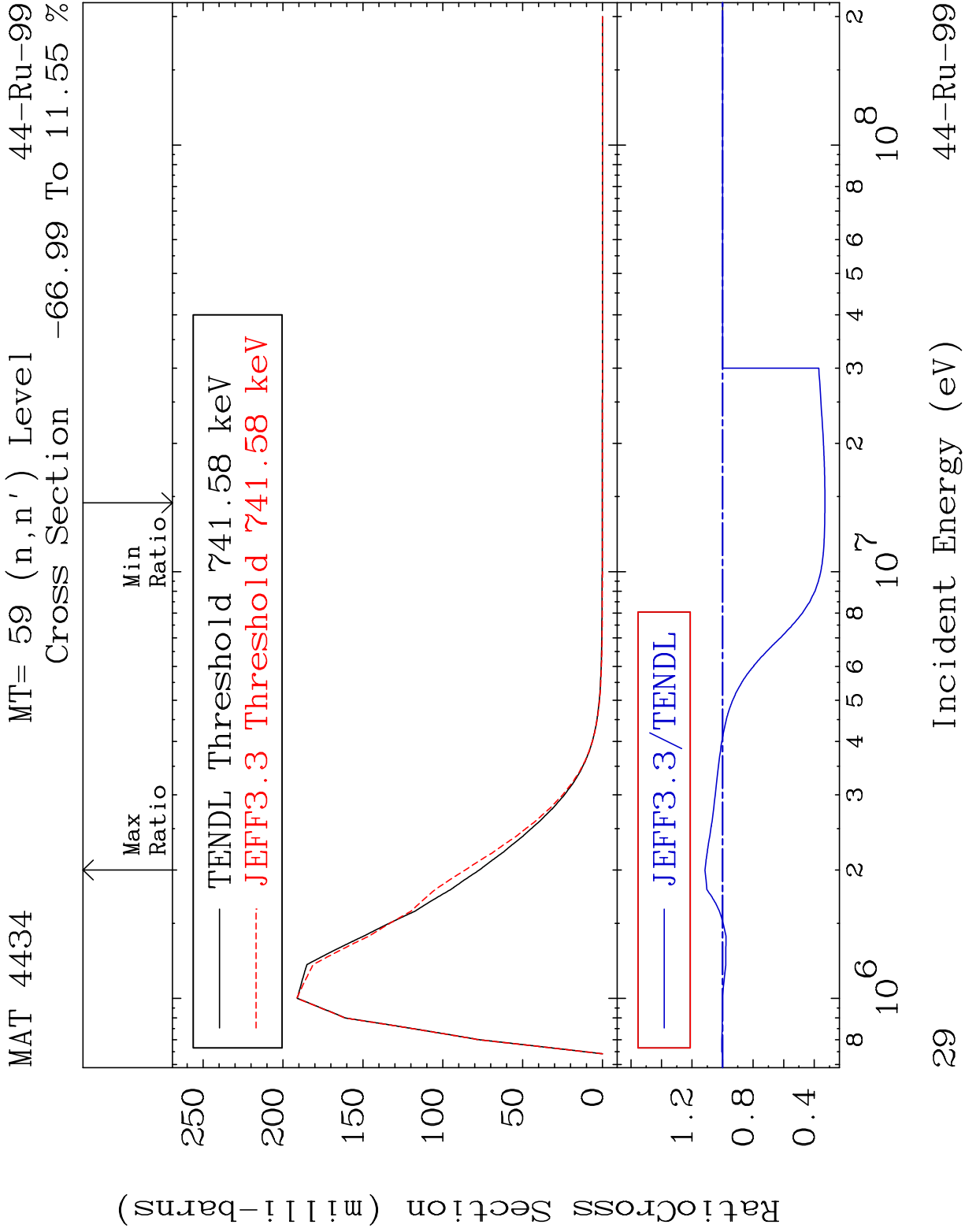
Max Ratio

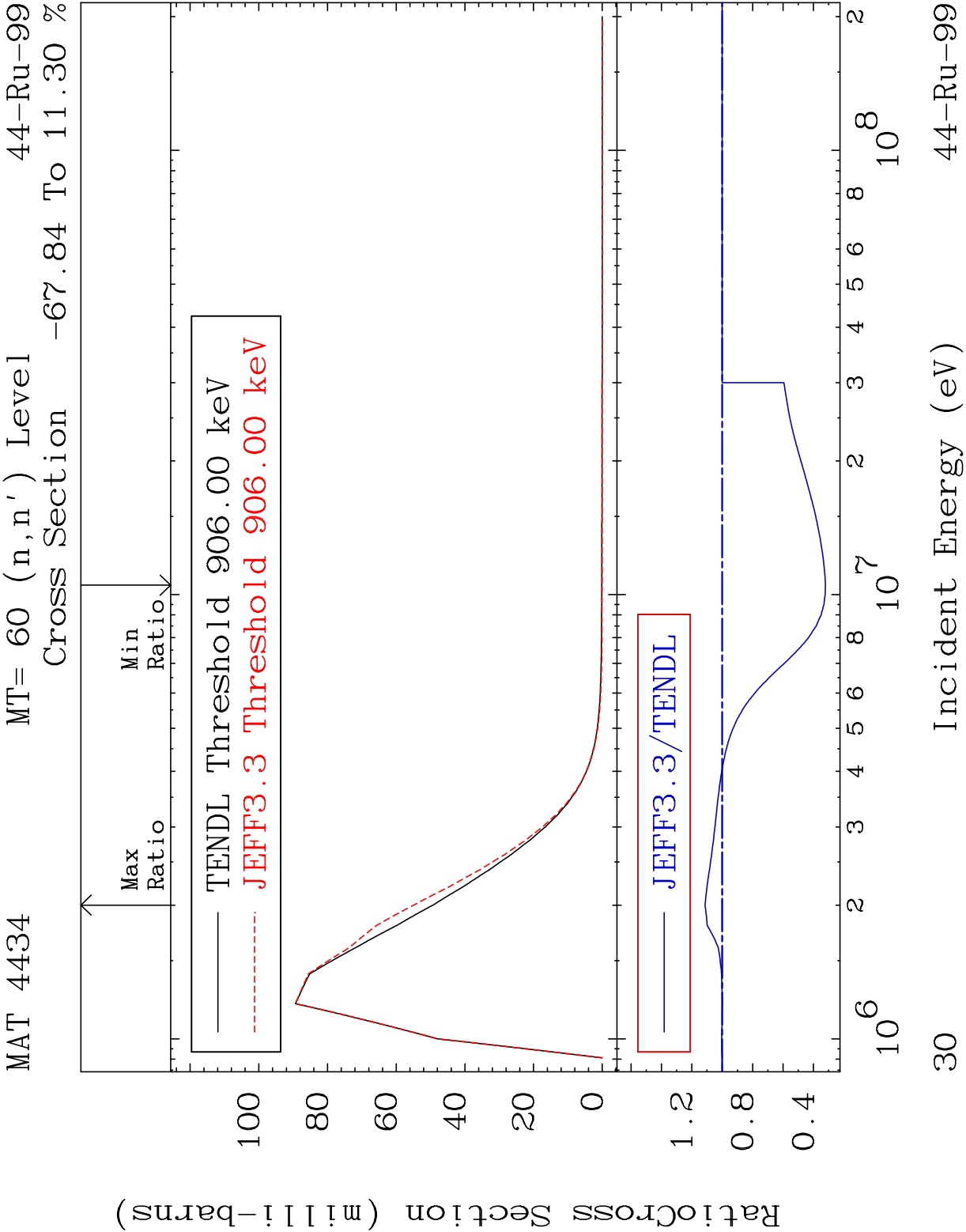
TENDL Threshold 675.82 keV

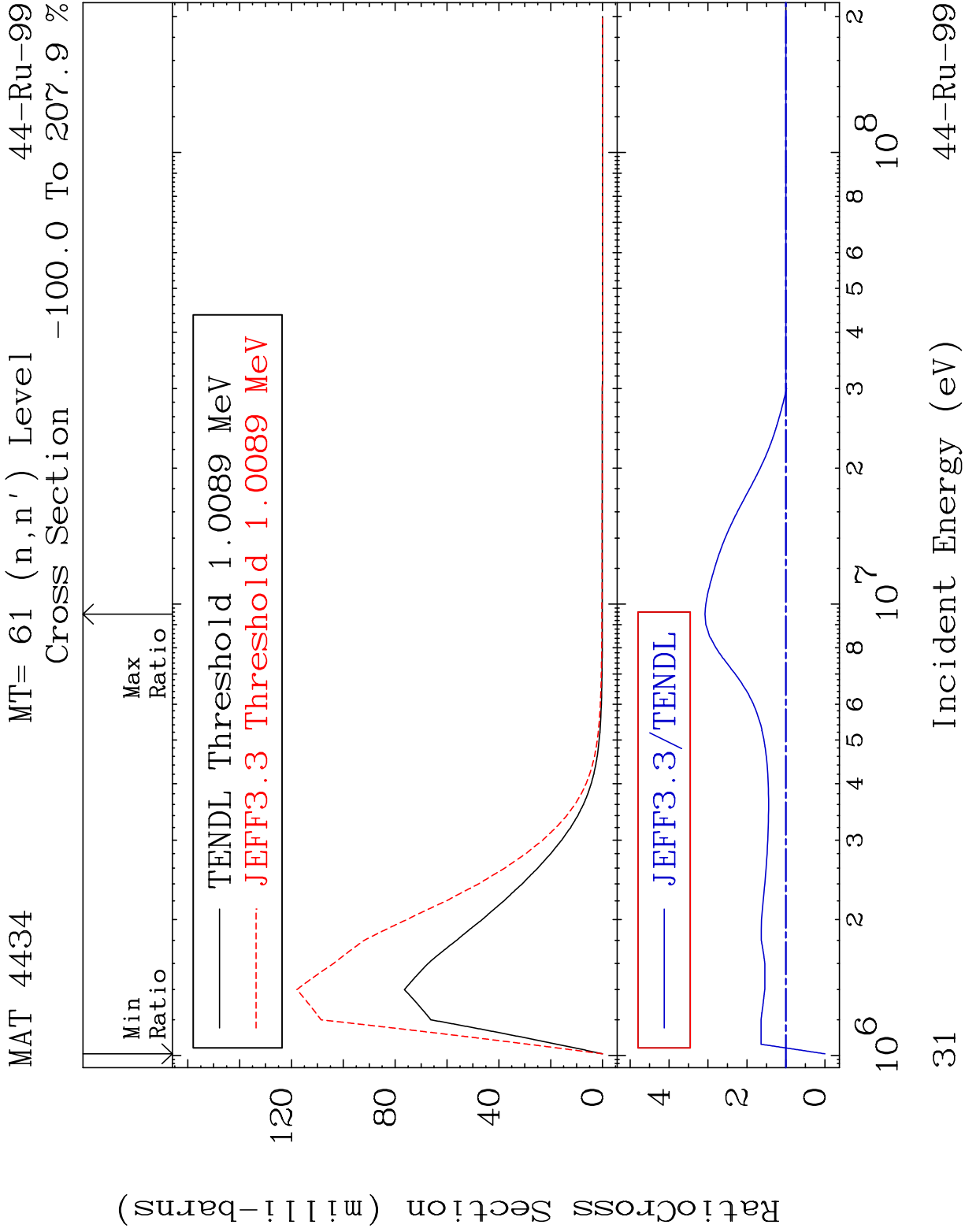
JEFF3.3 Threshold 675.82 keV

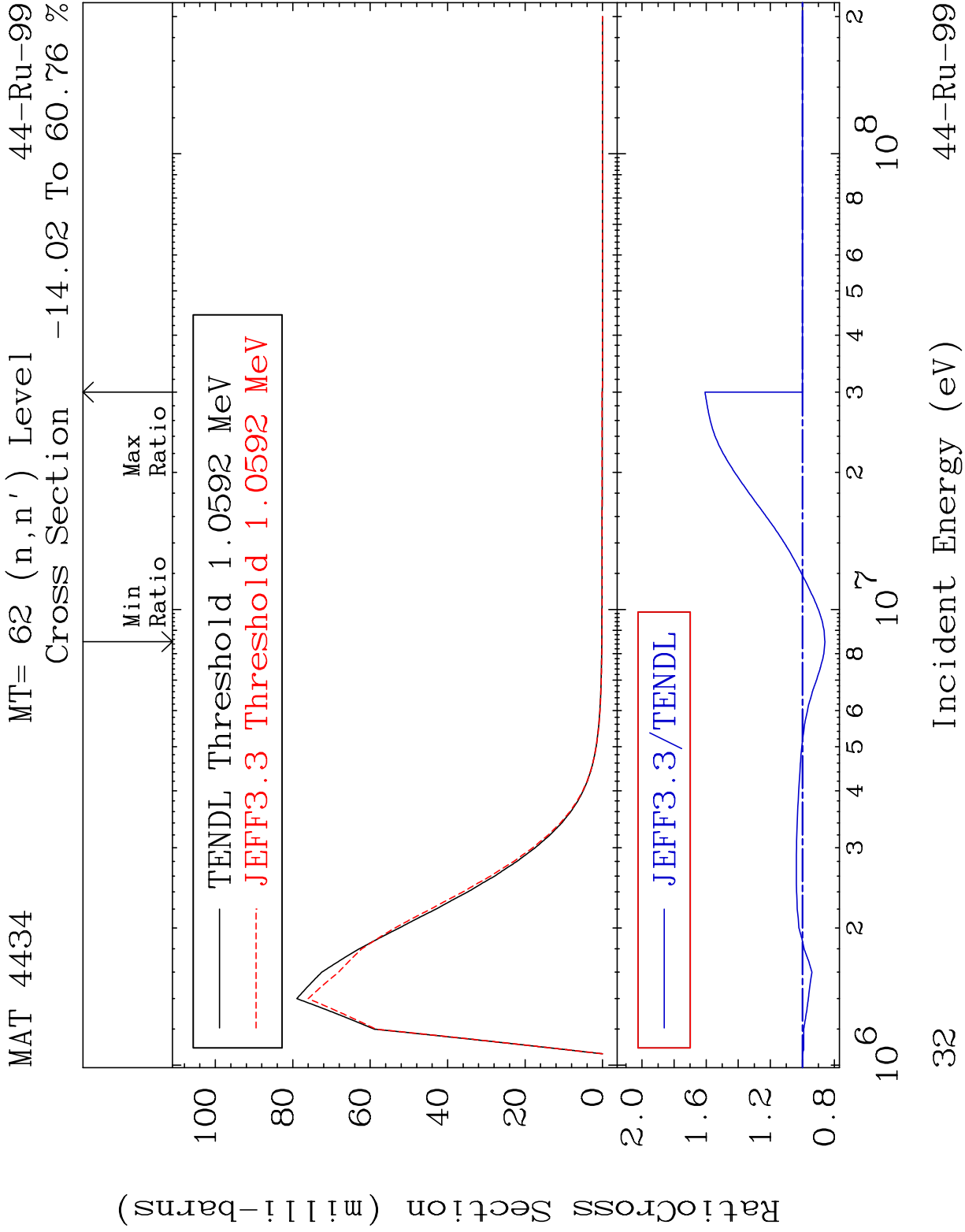
JEFF3.3/TENDL

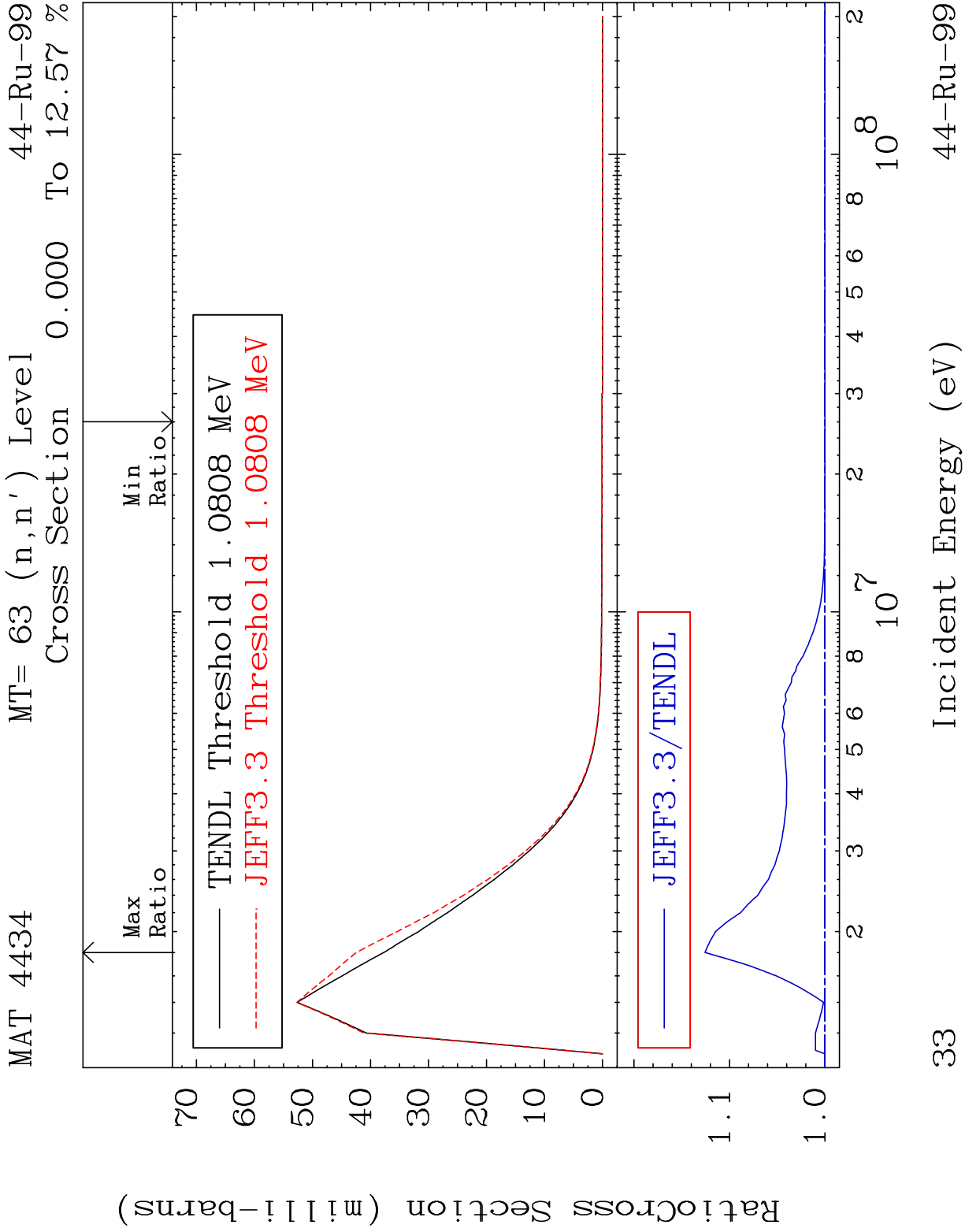


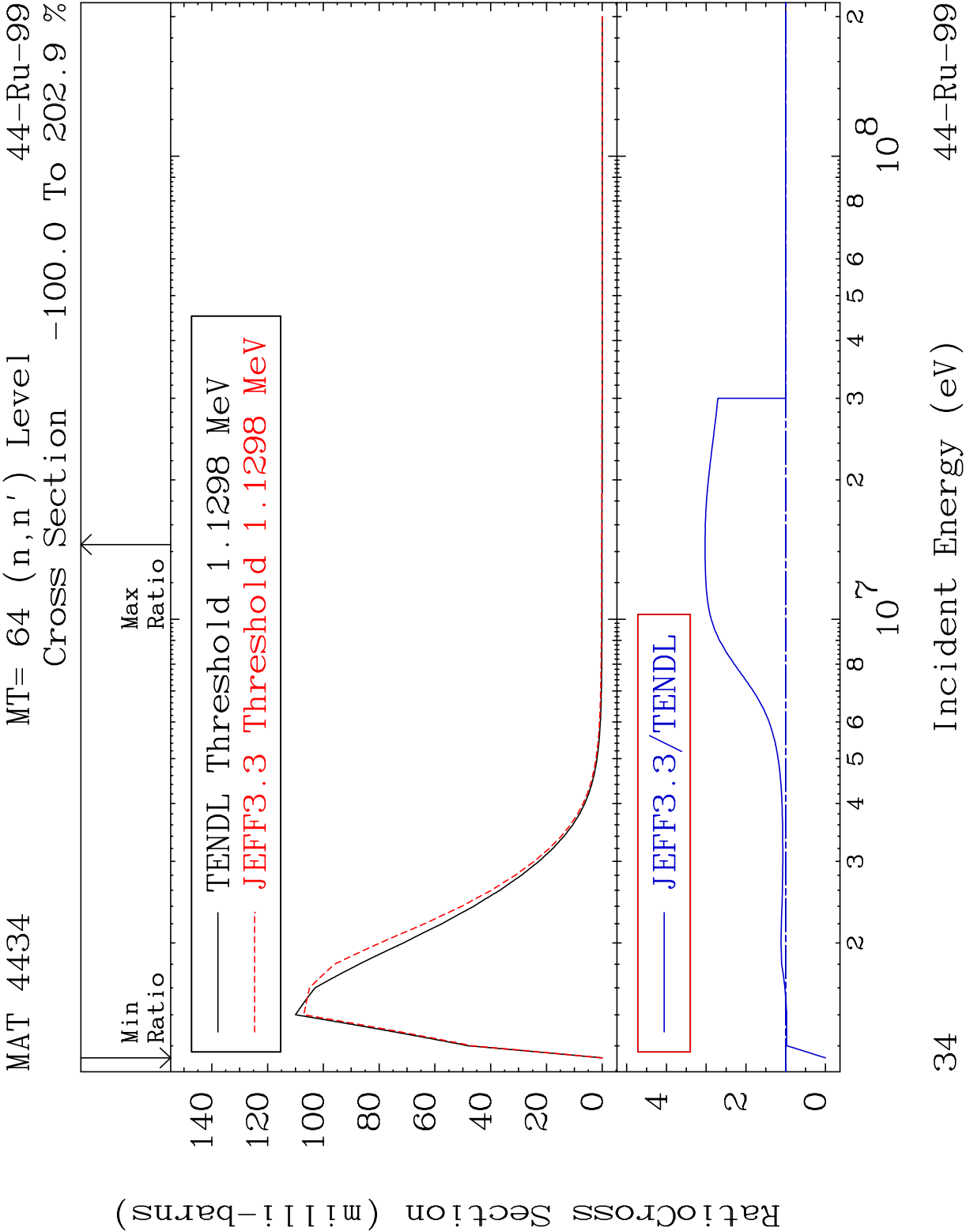


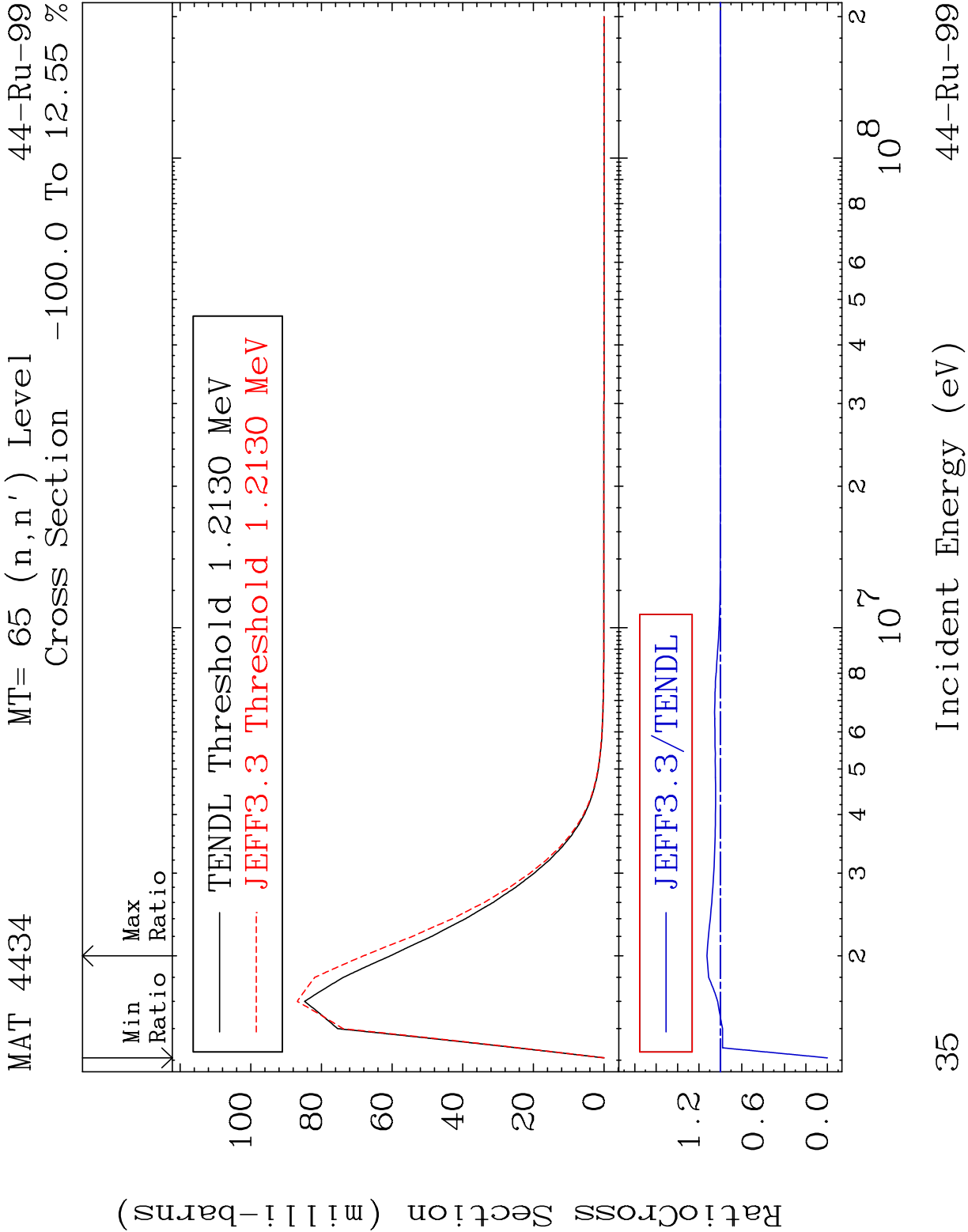


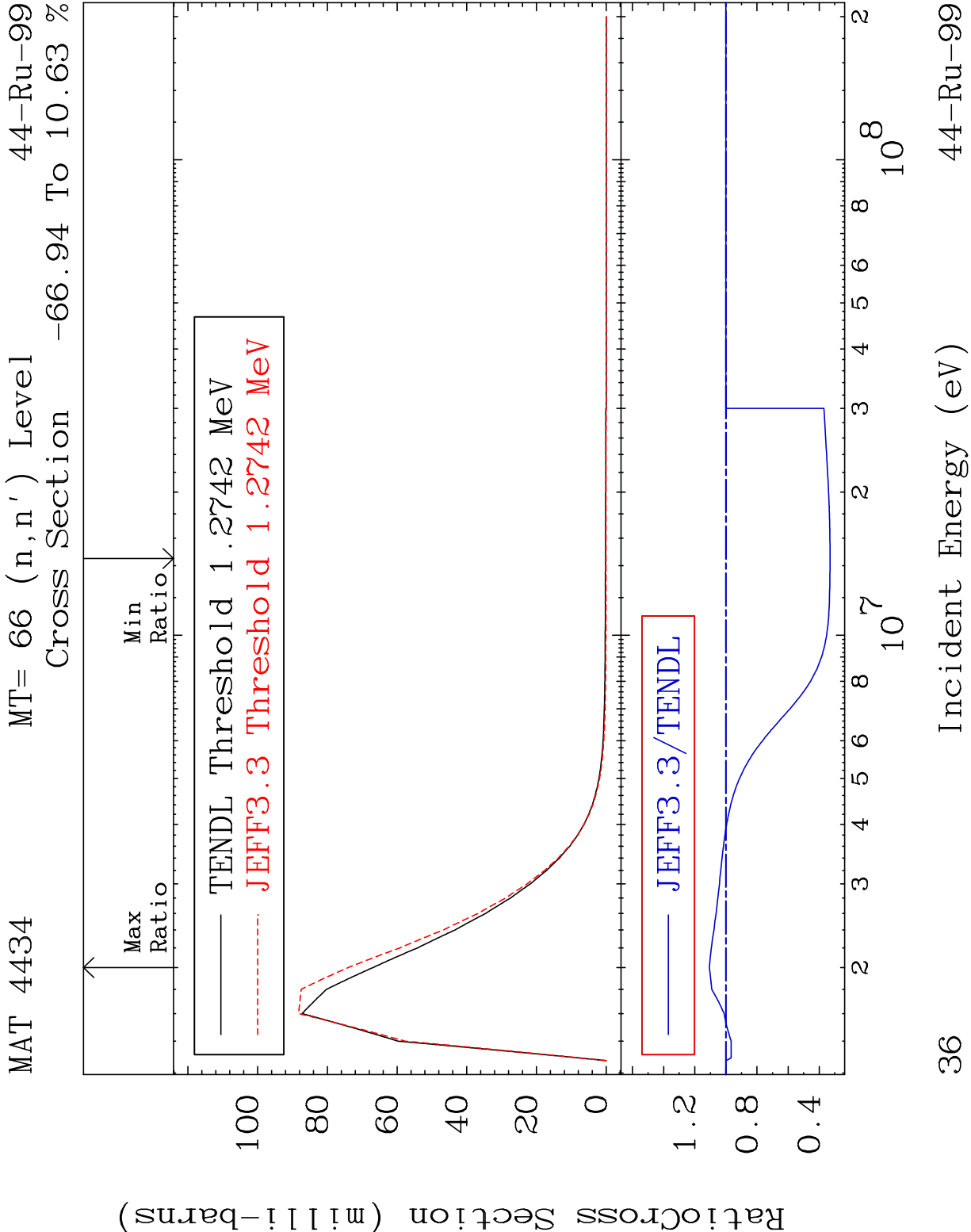


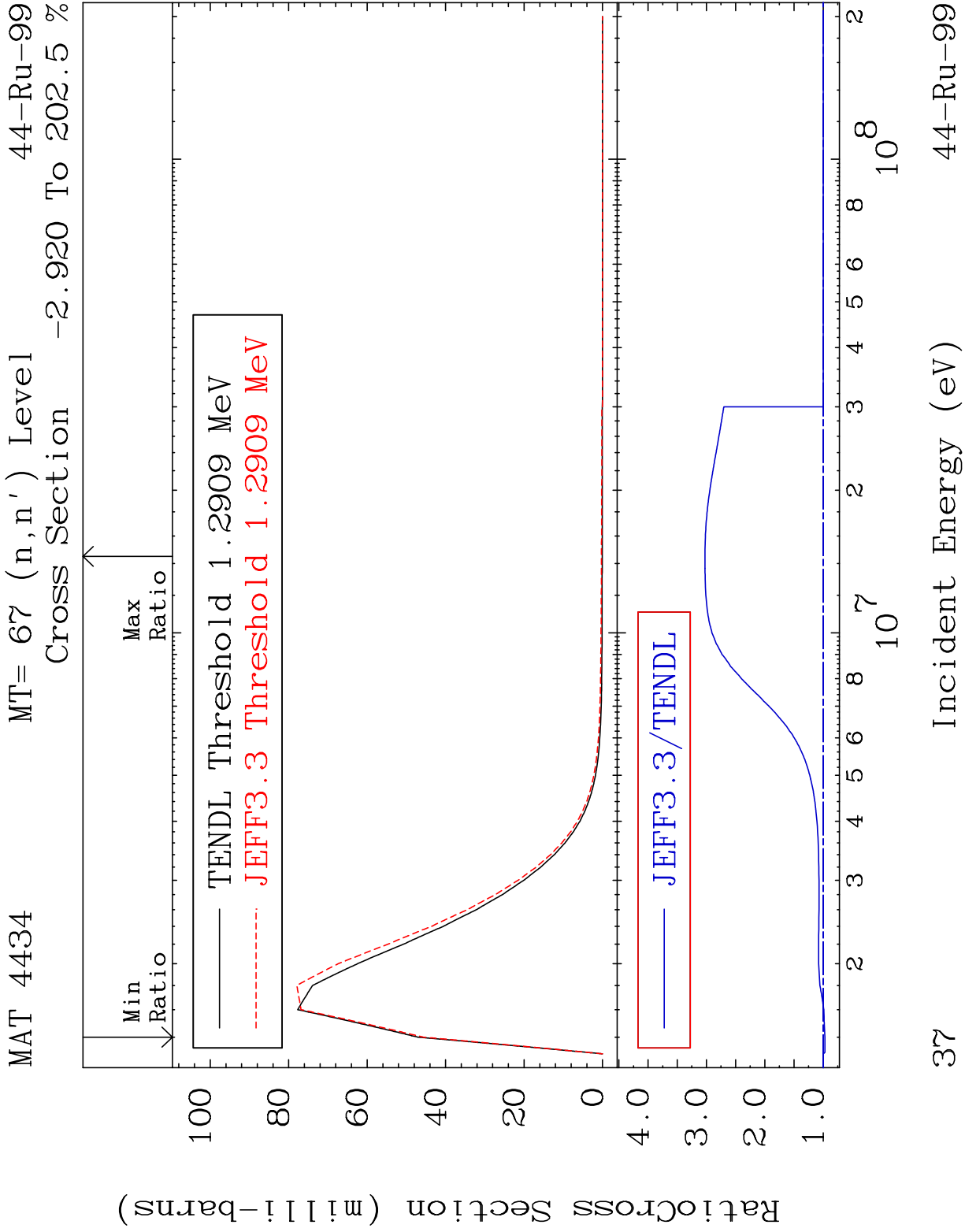


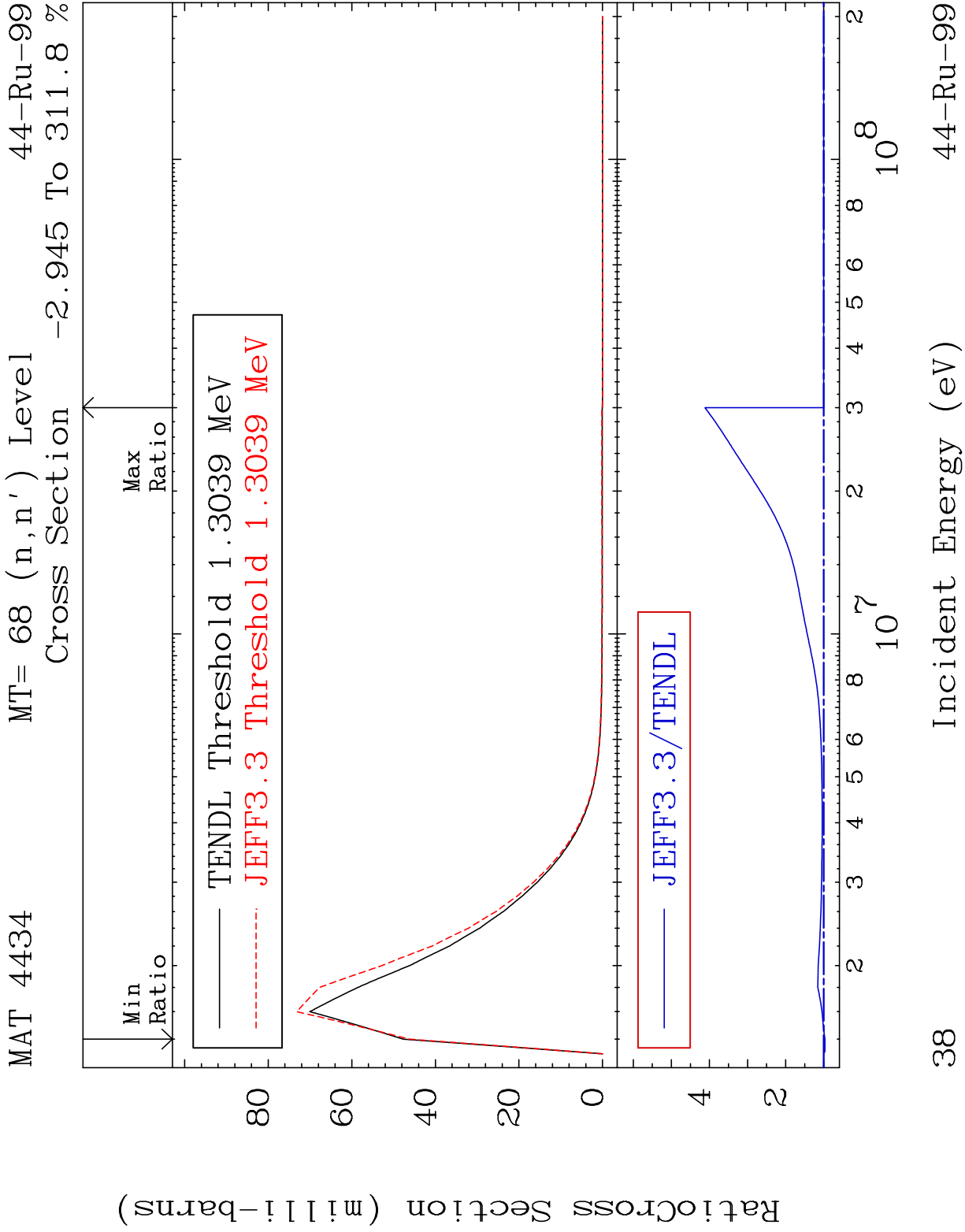


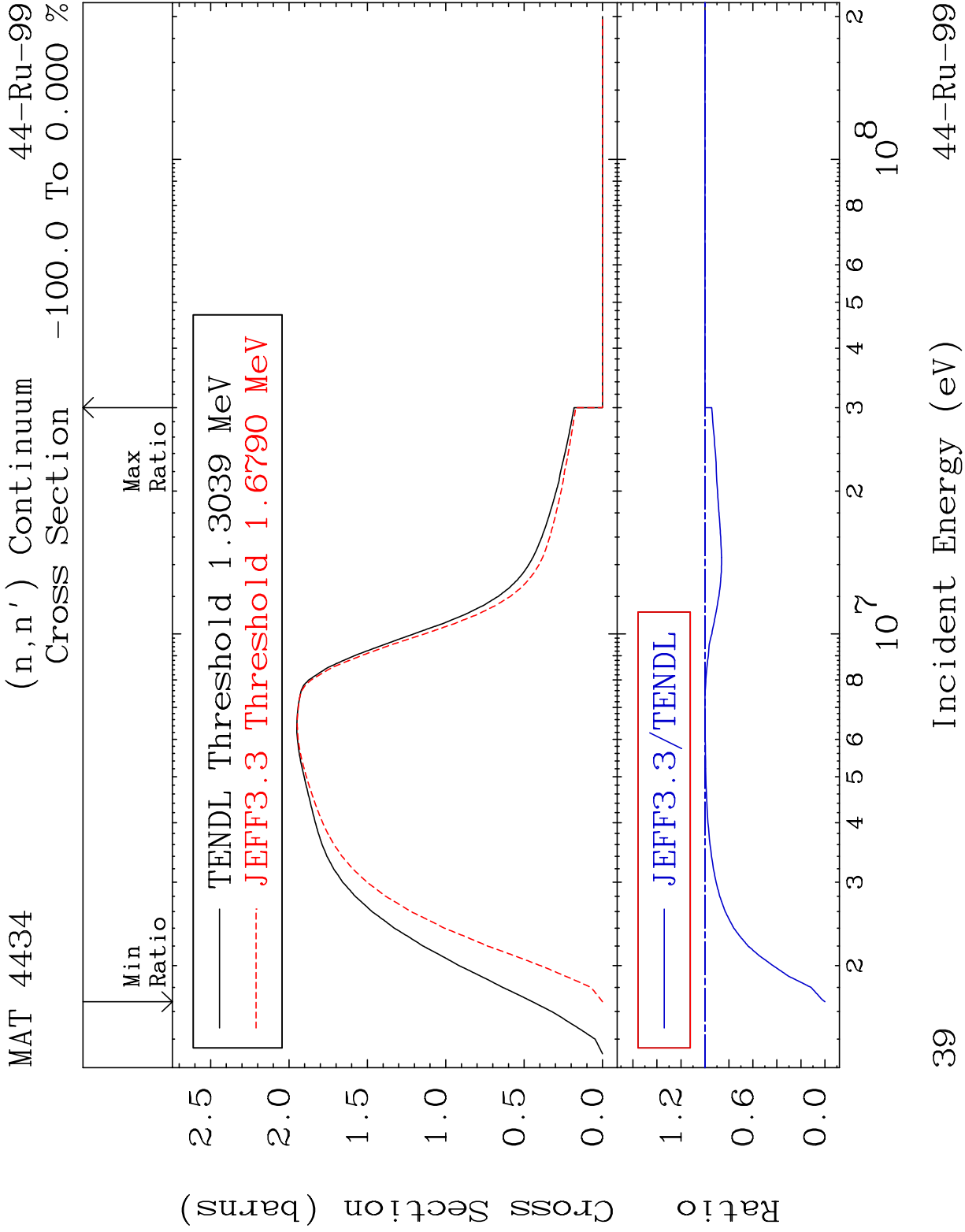


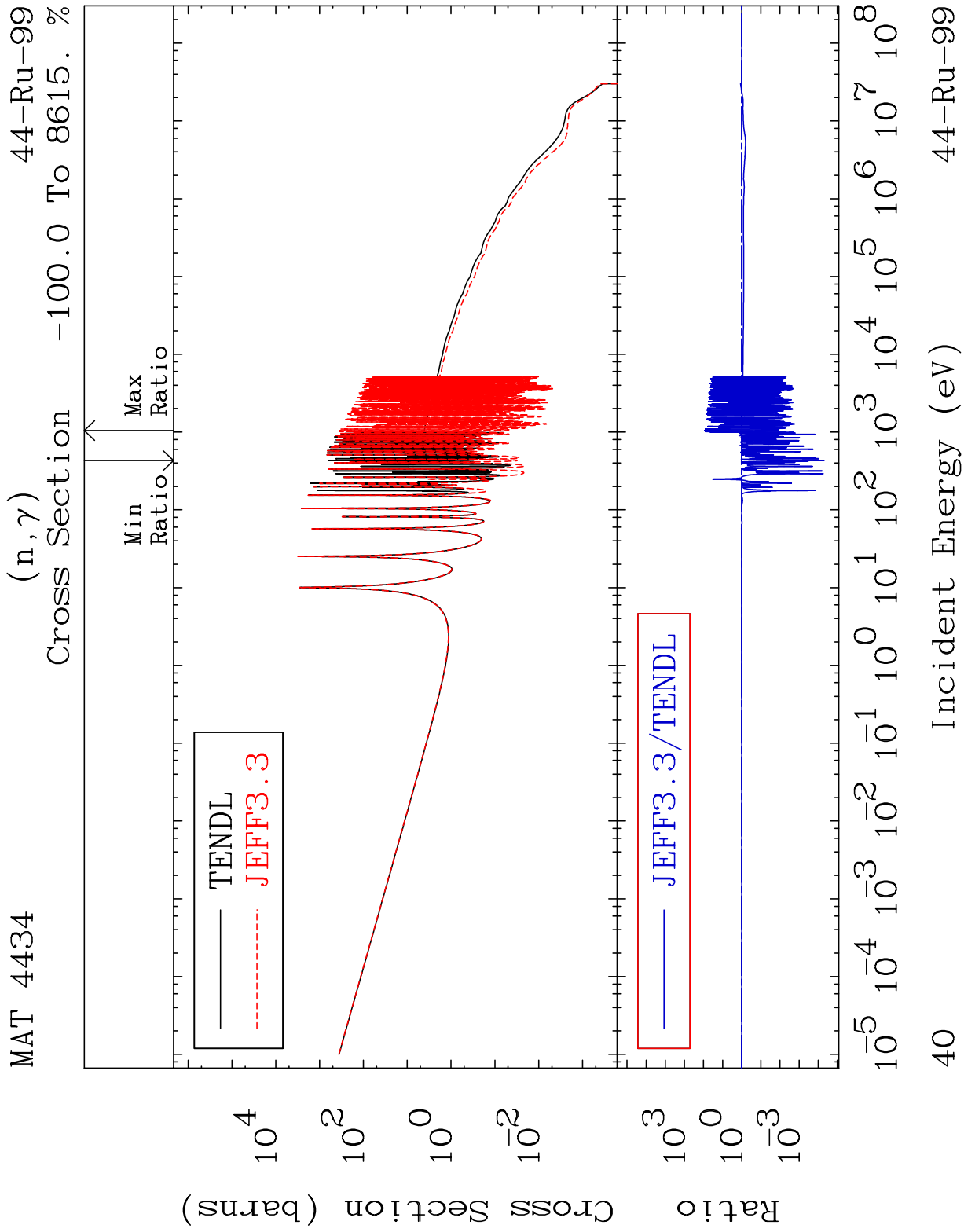


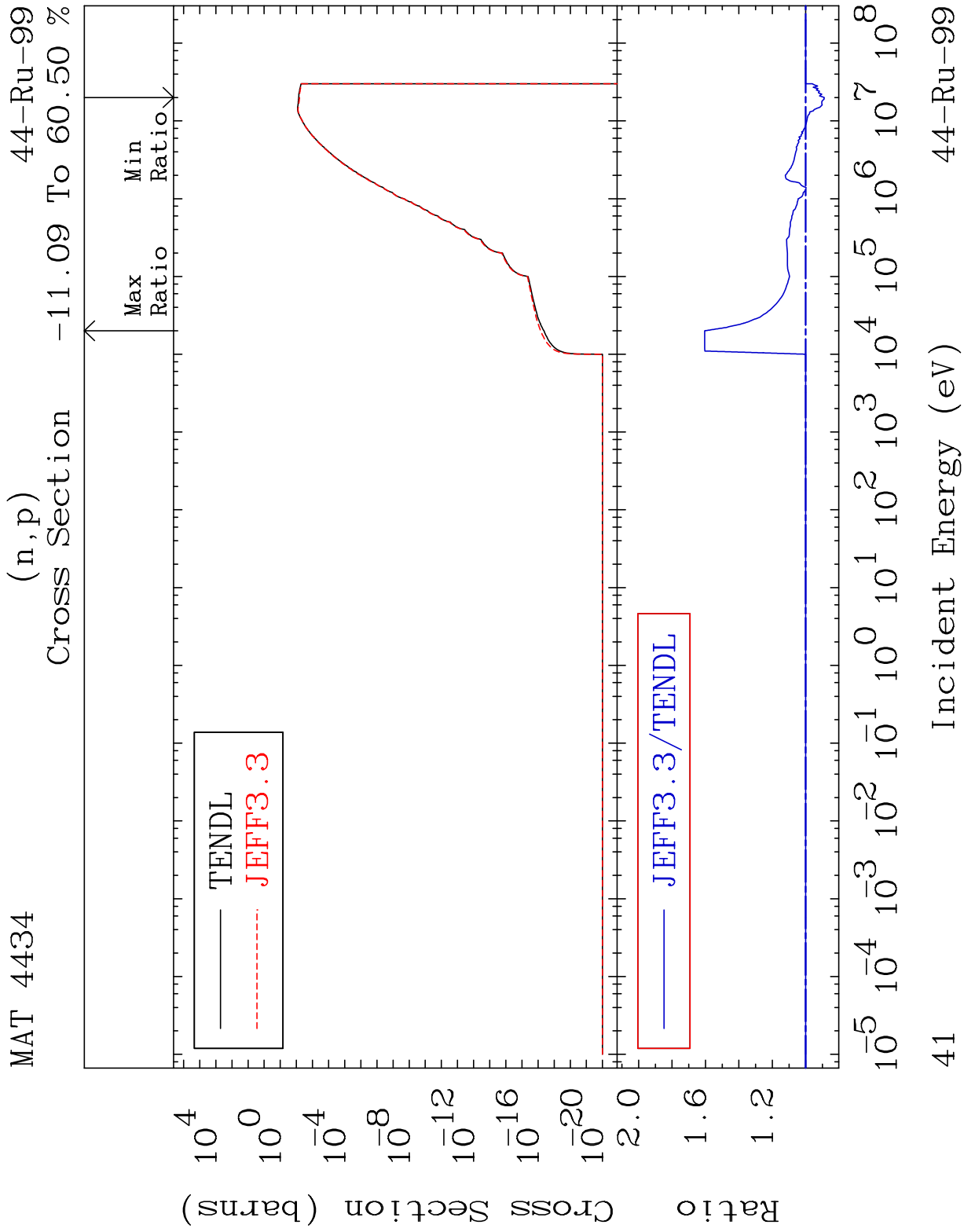


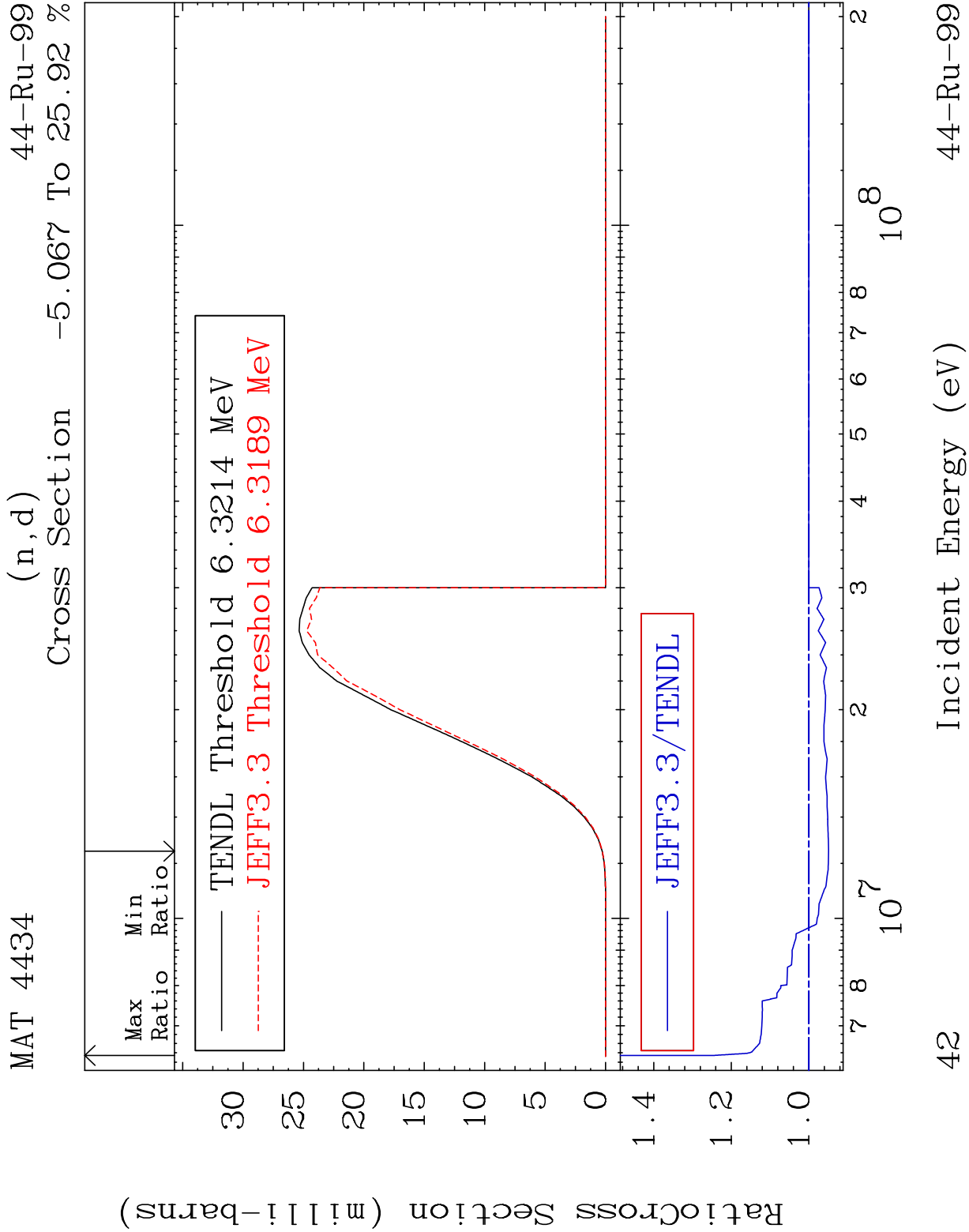


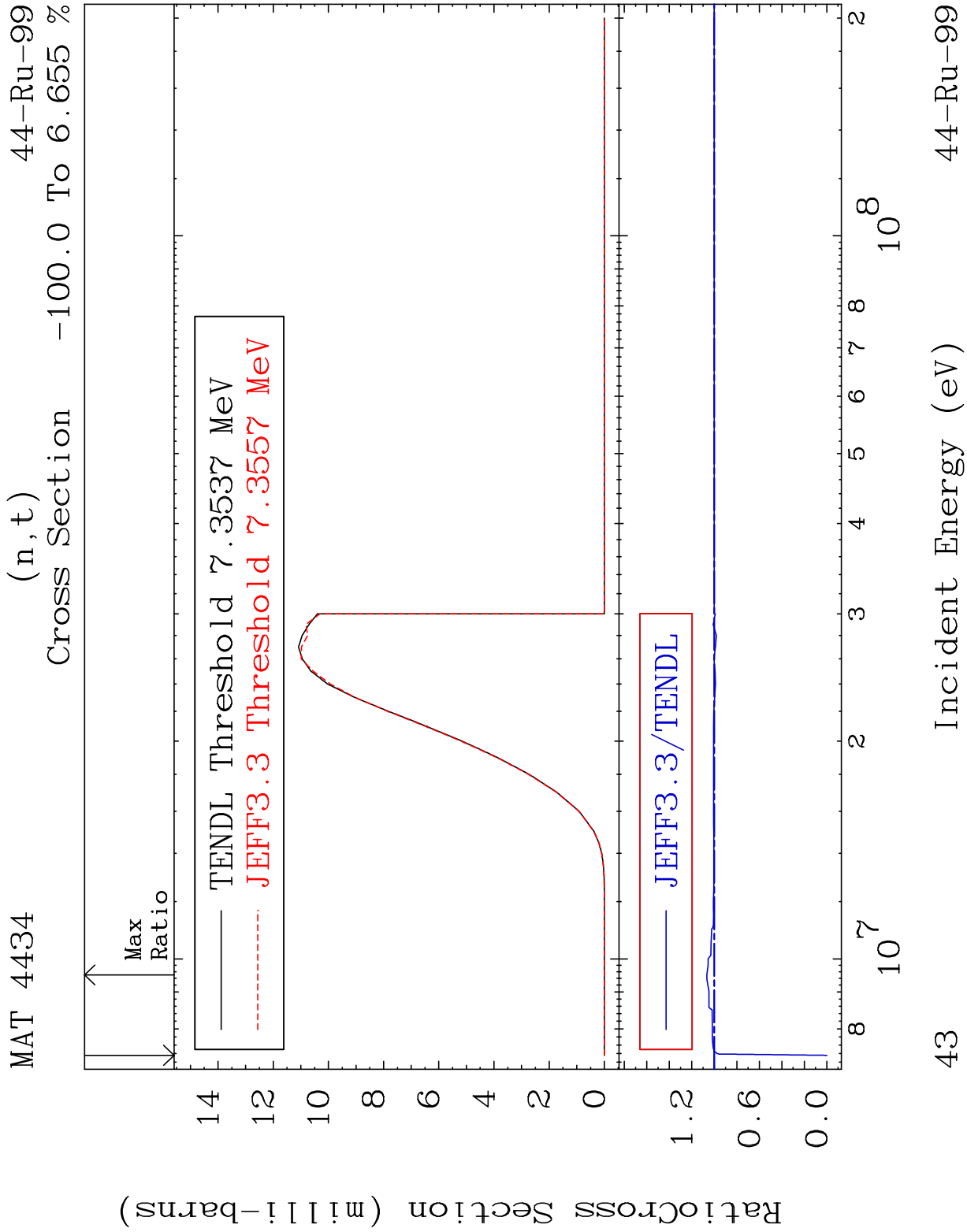


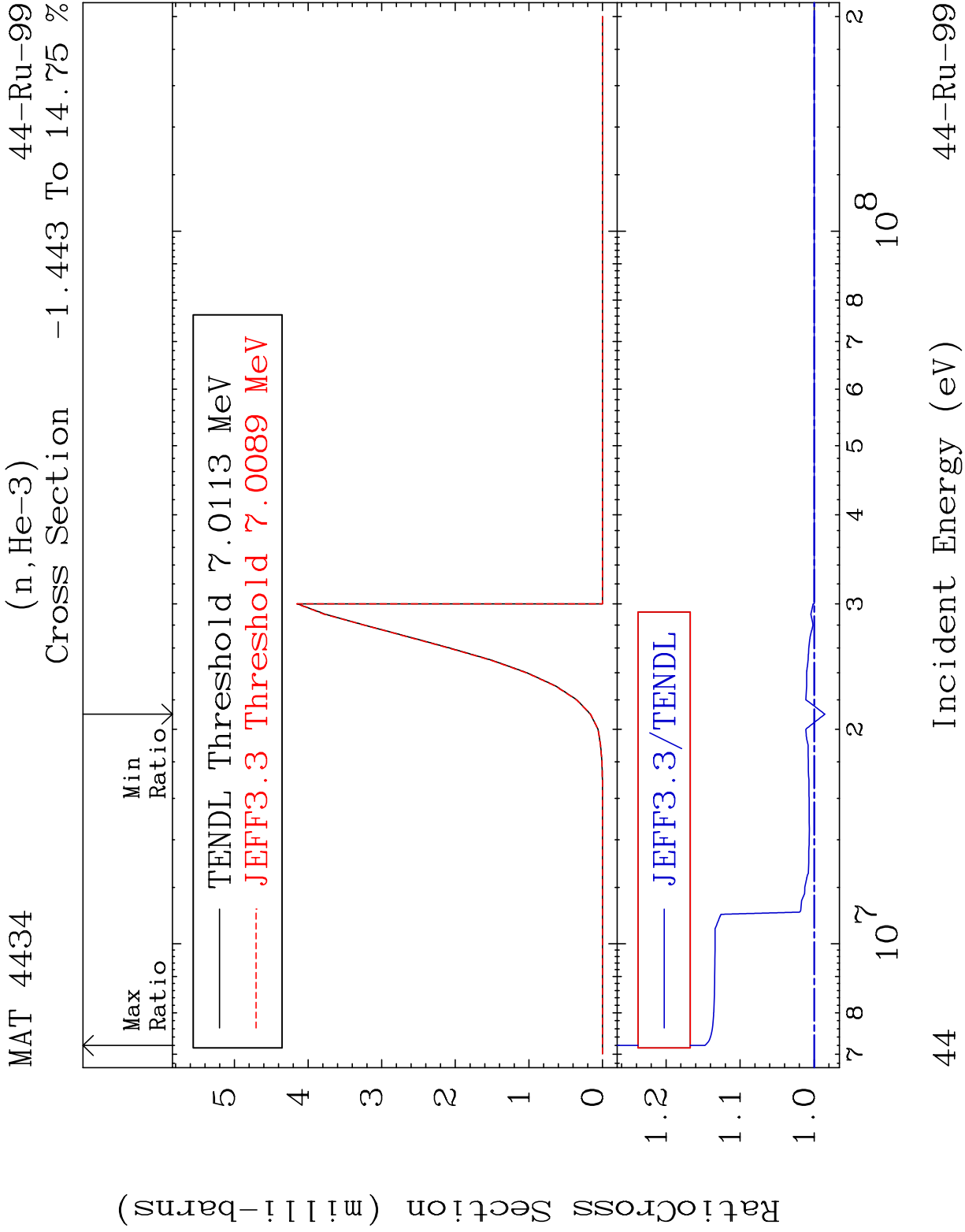


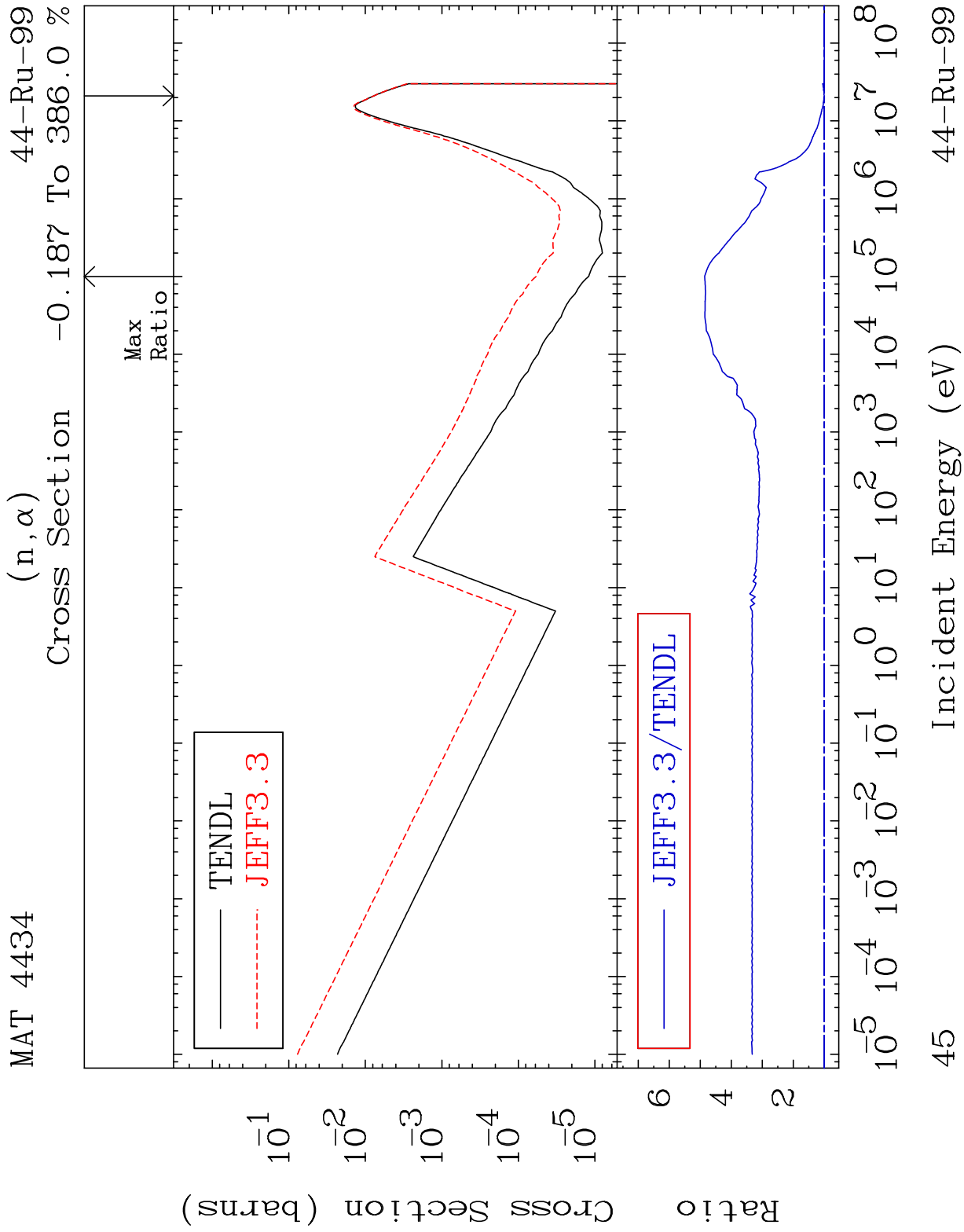


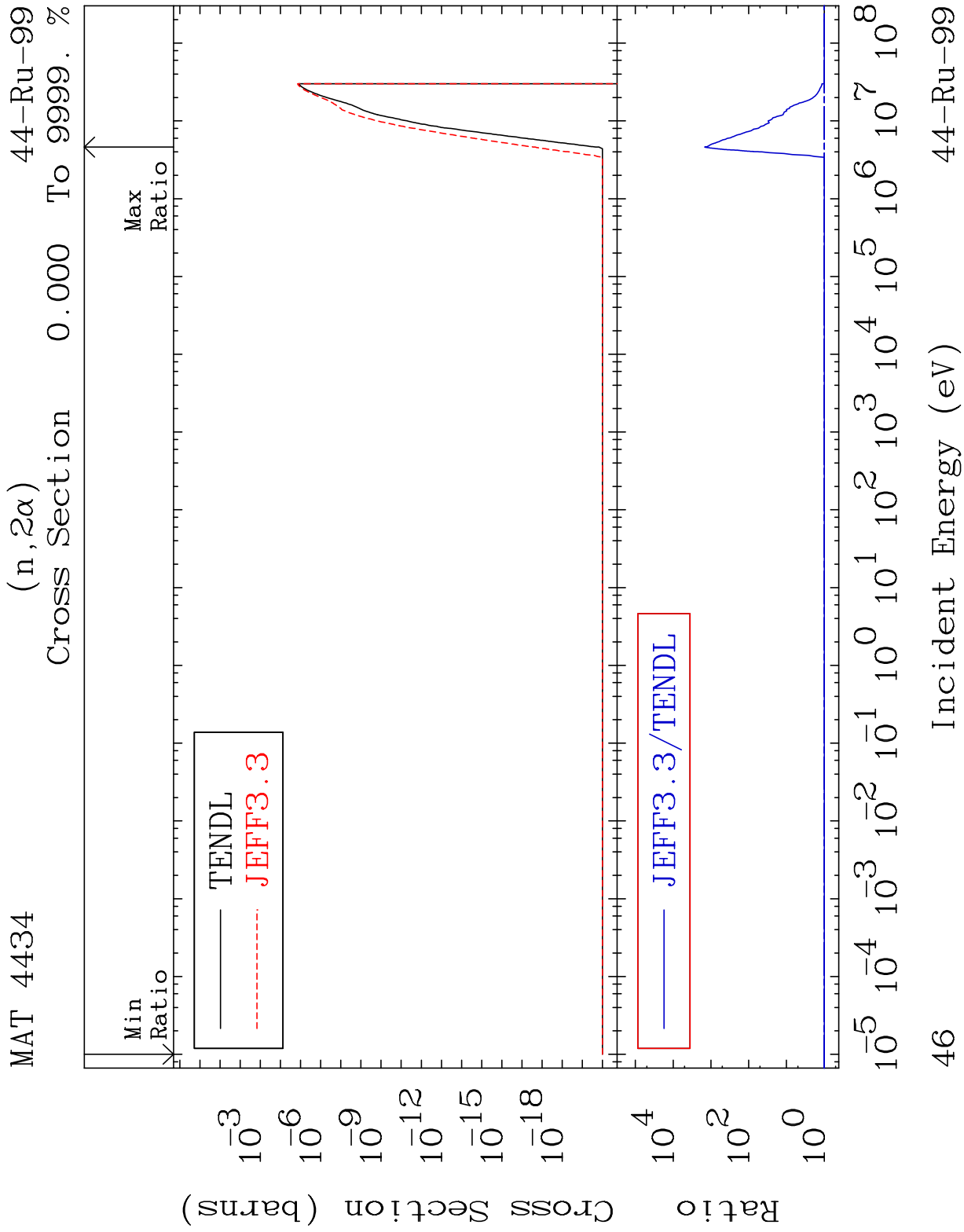


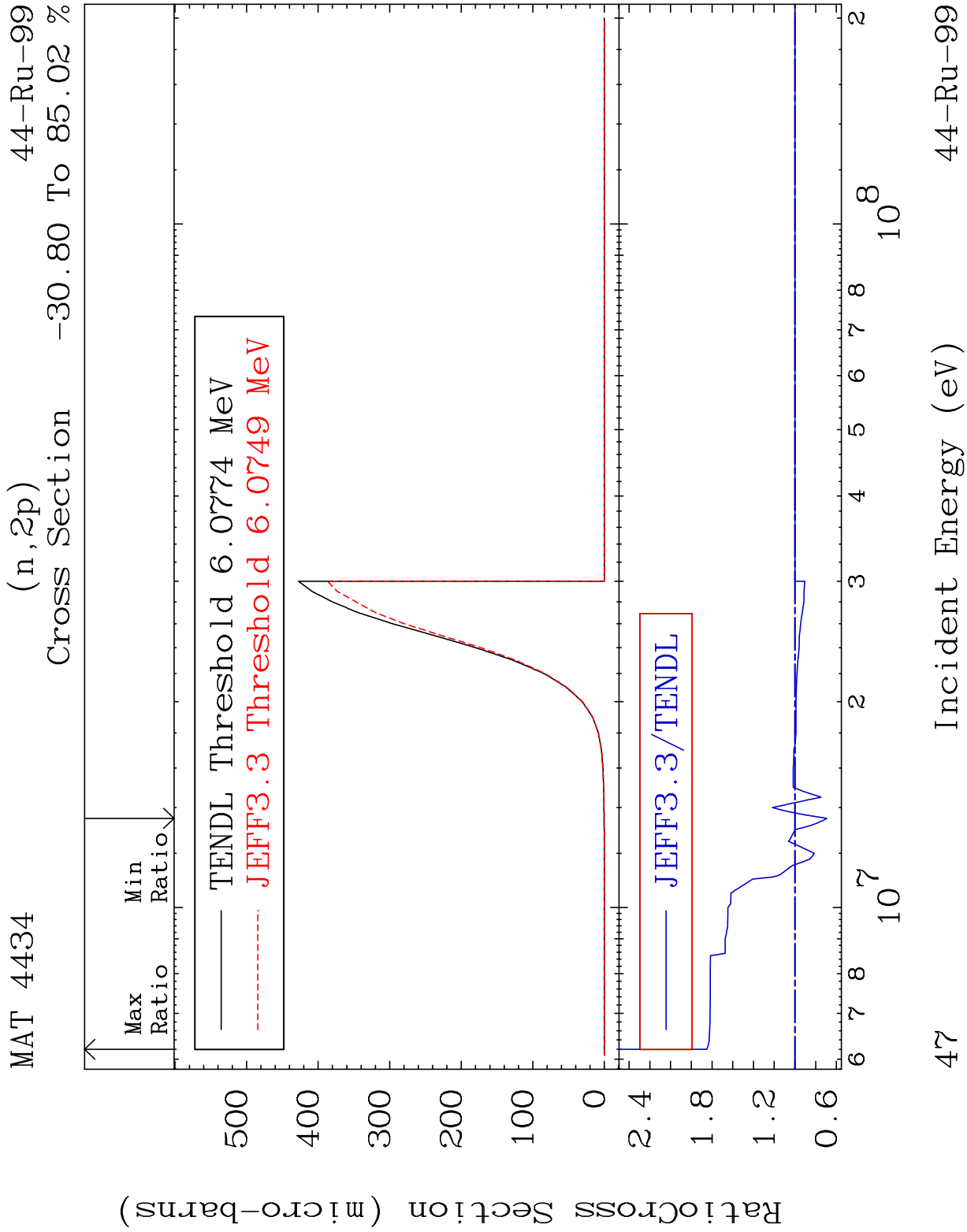


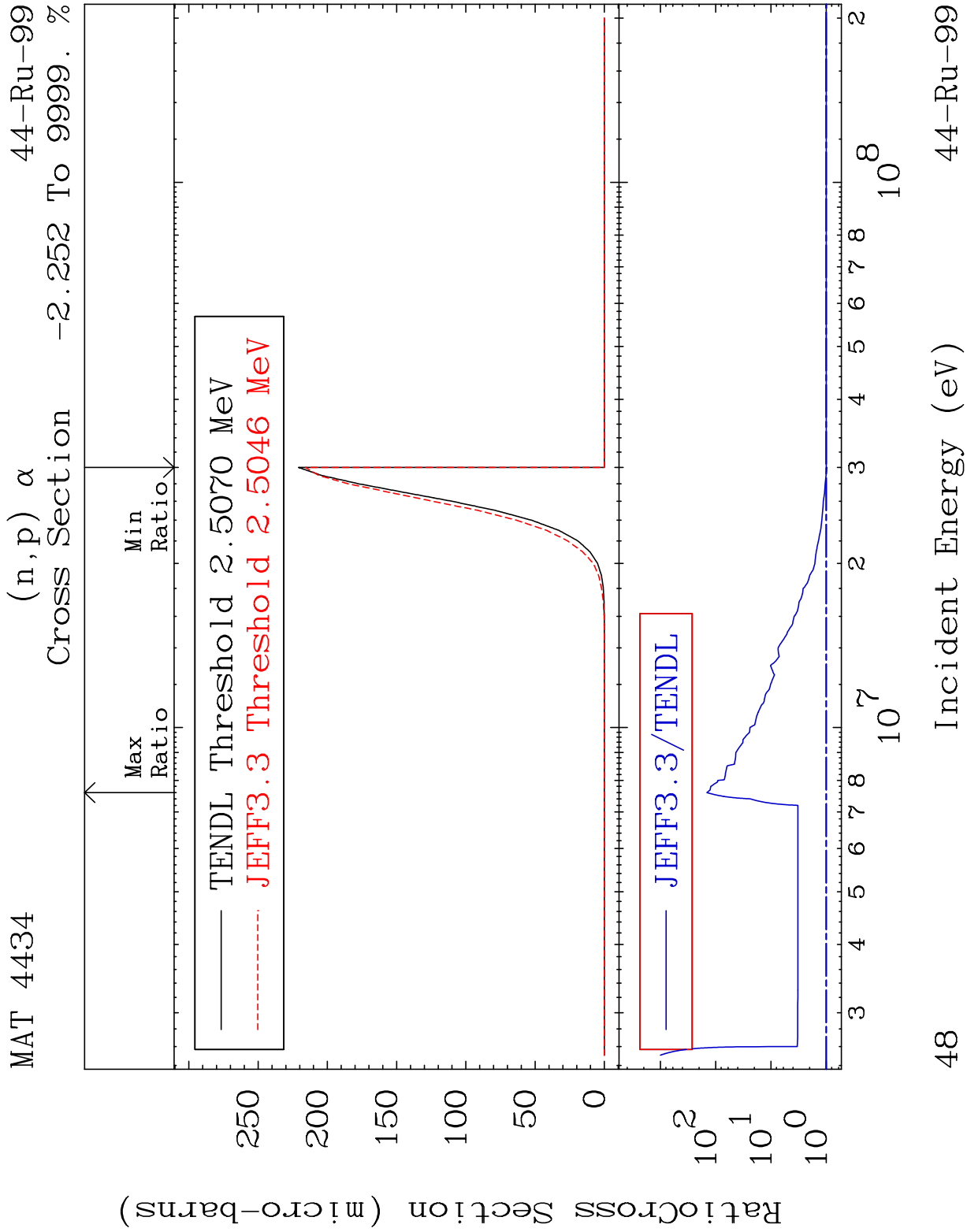


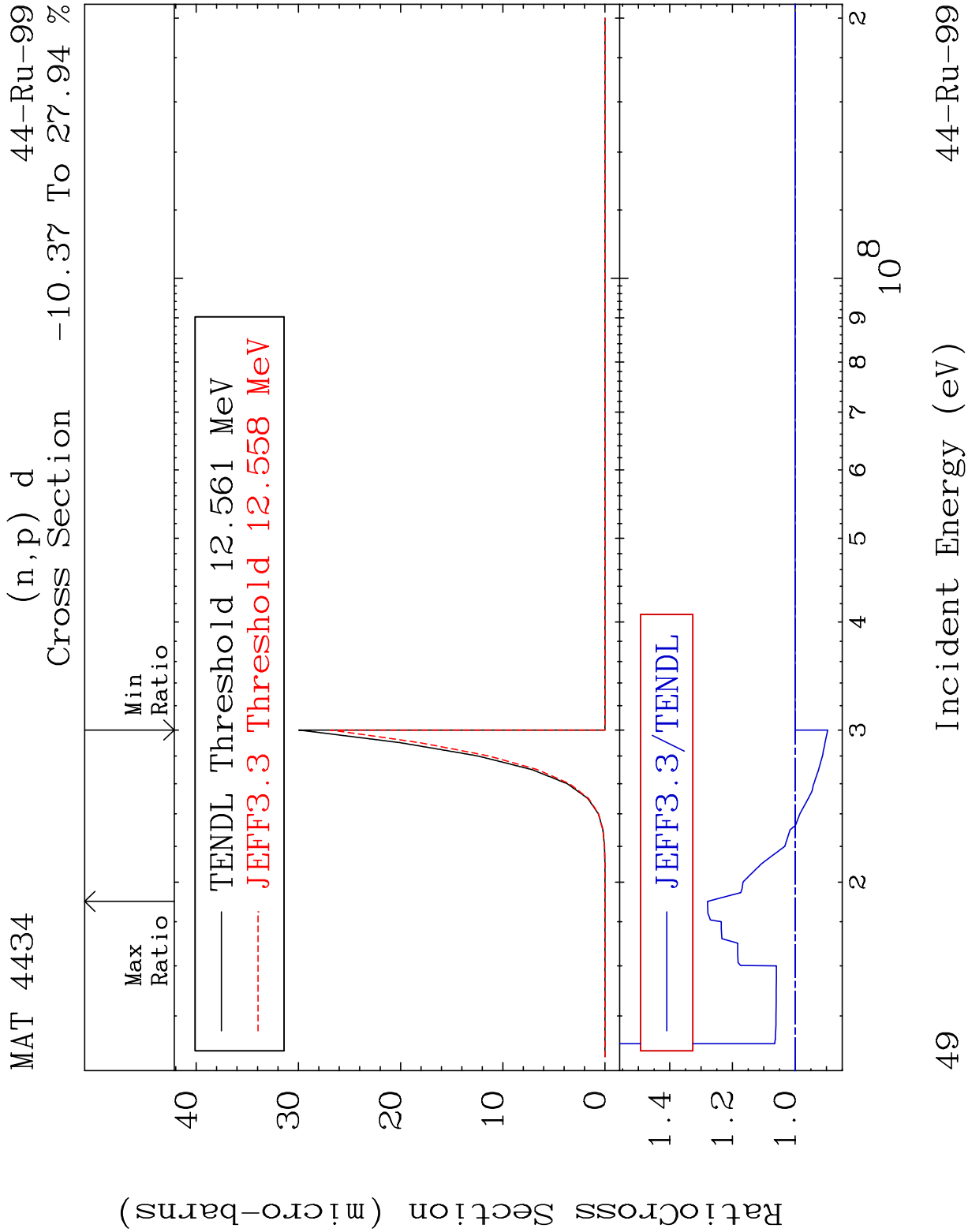


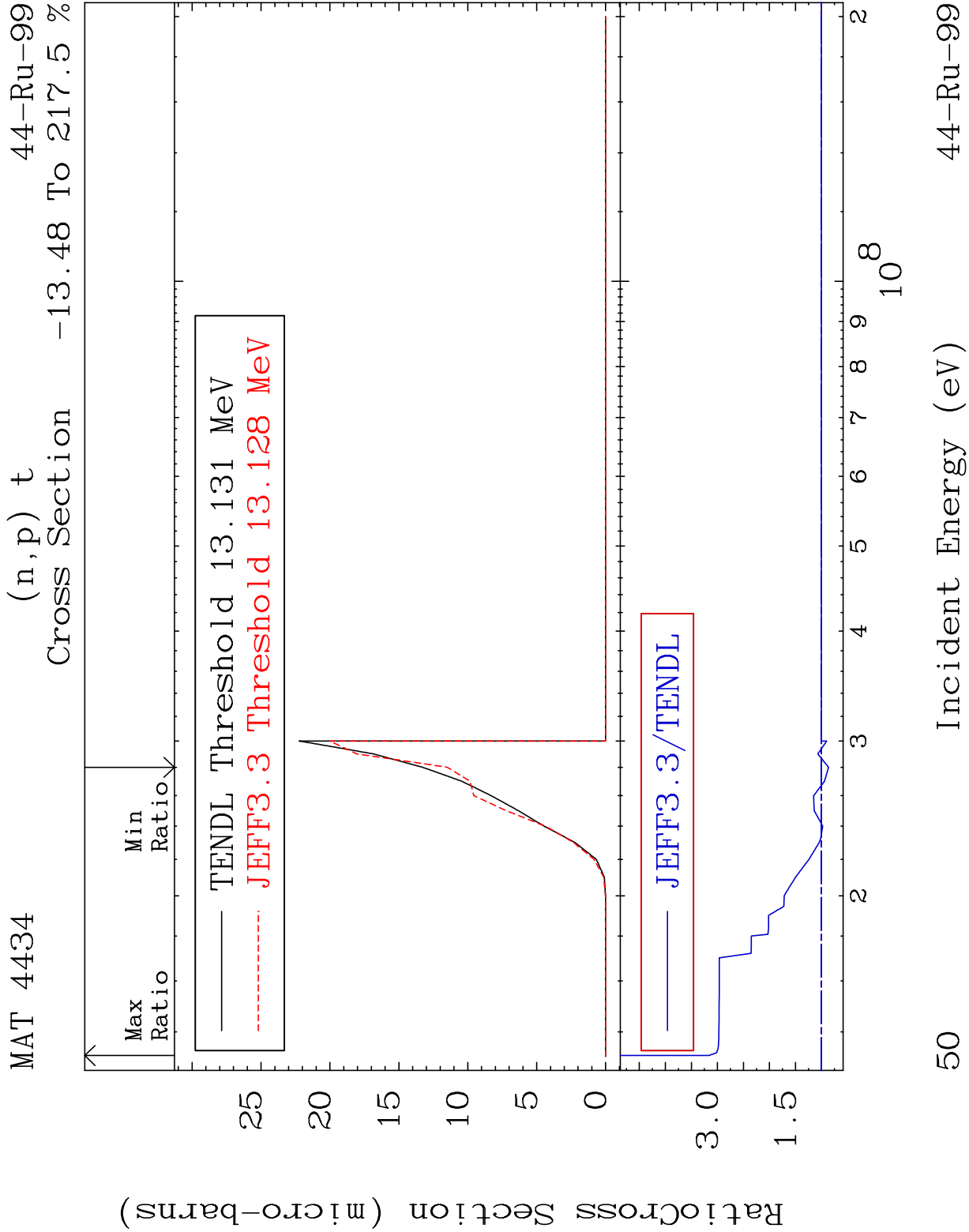


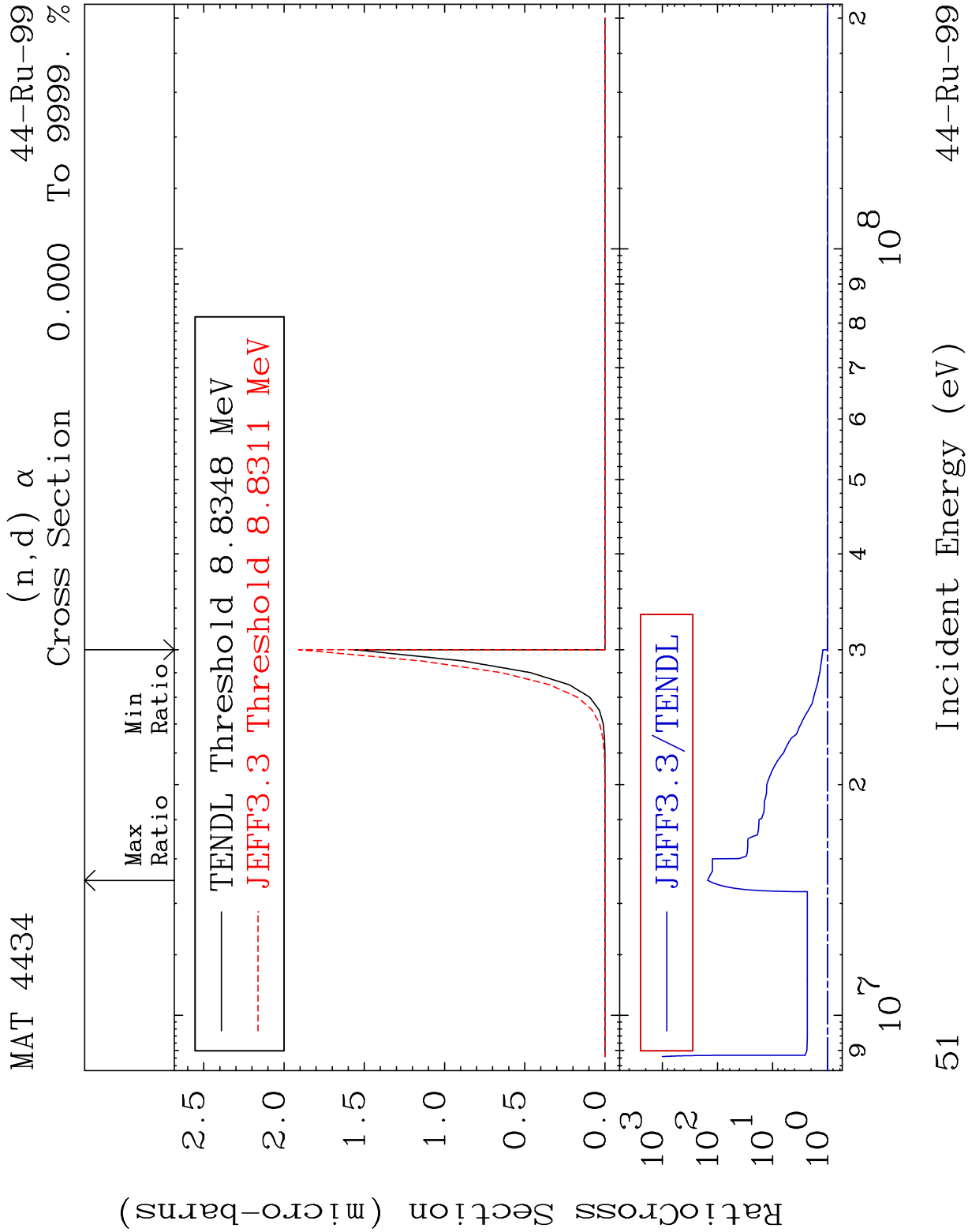


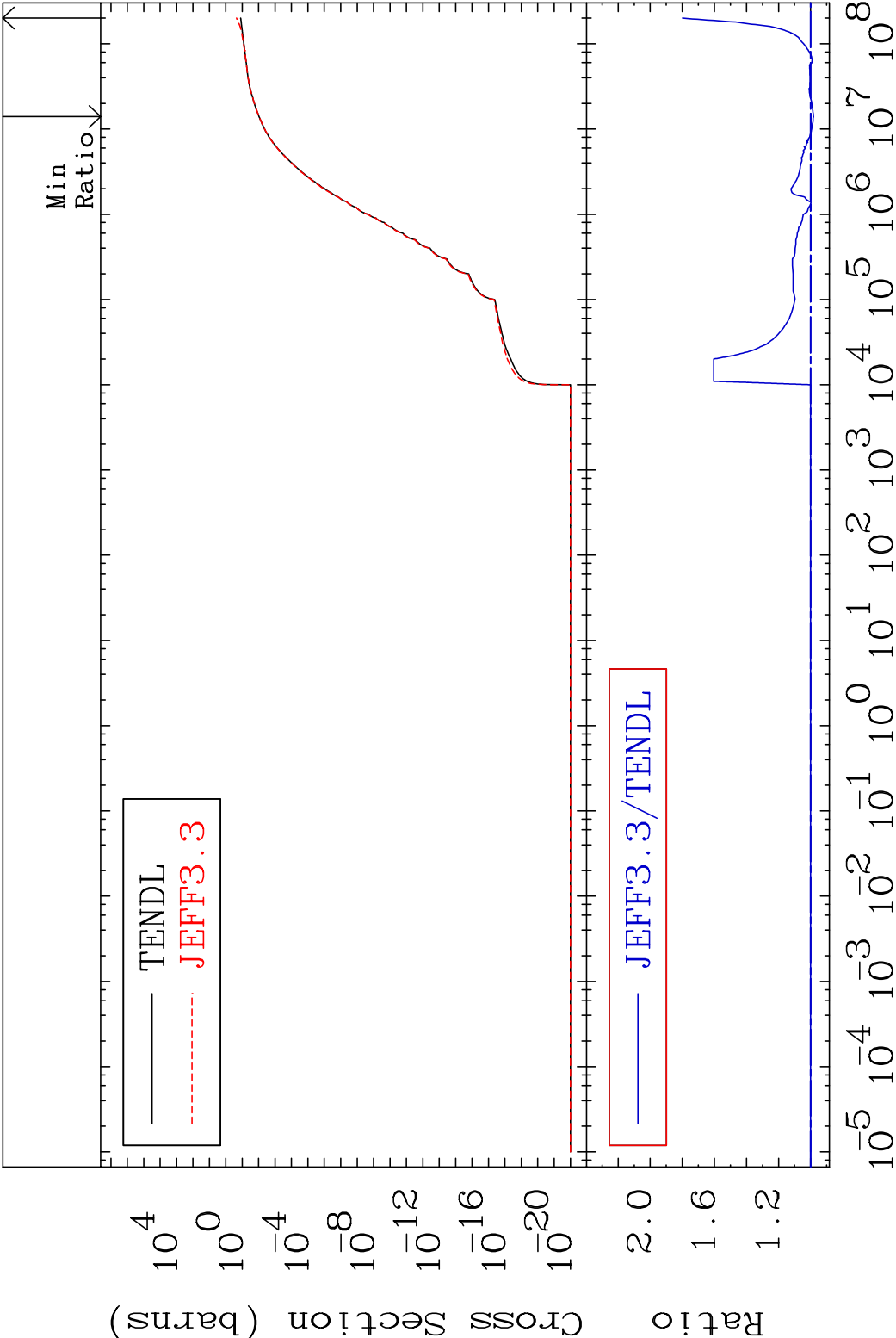


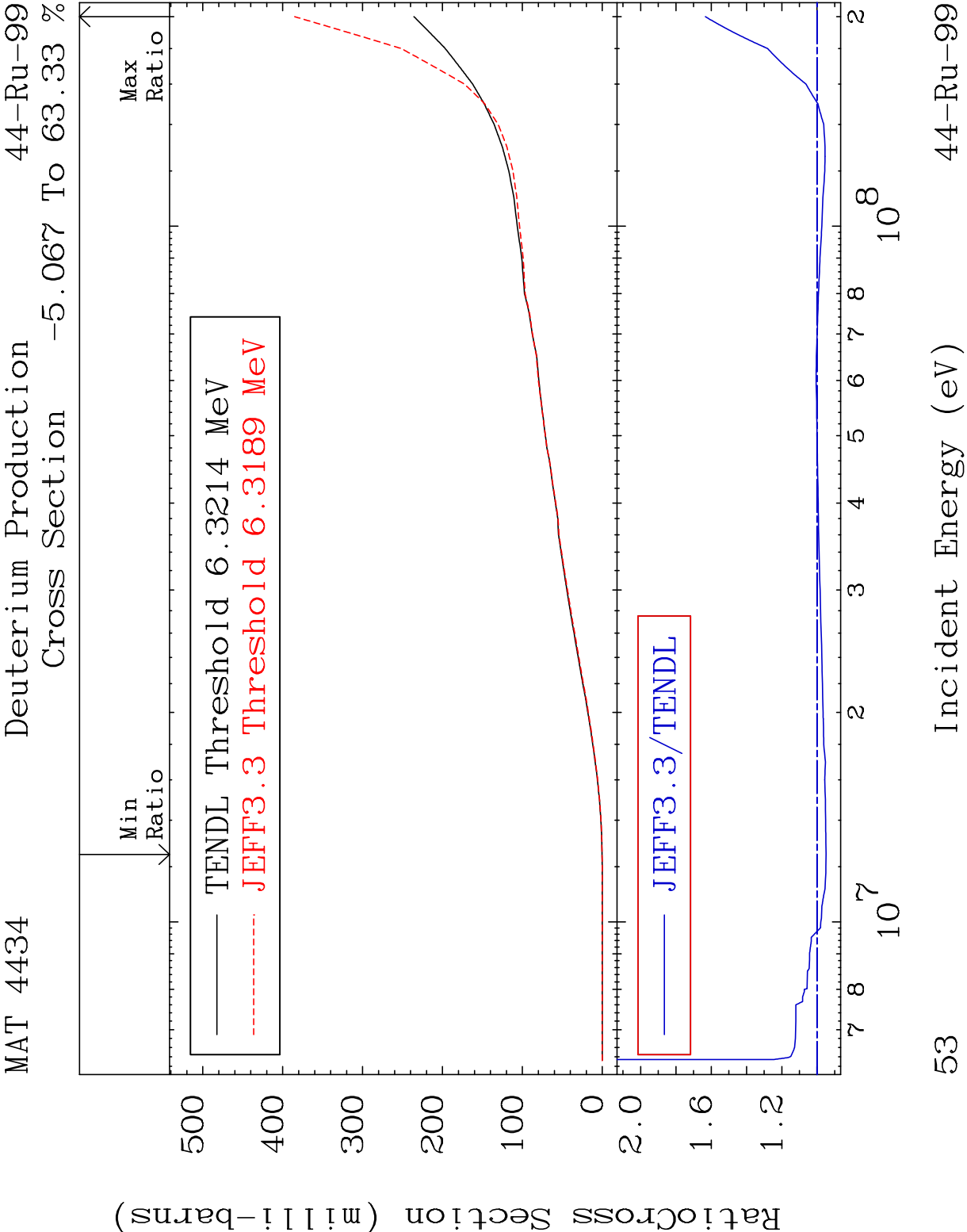


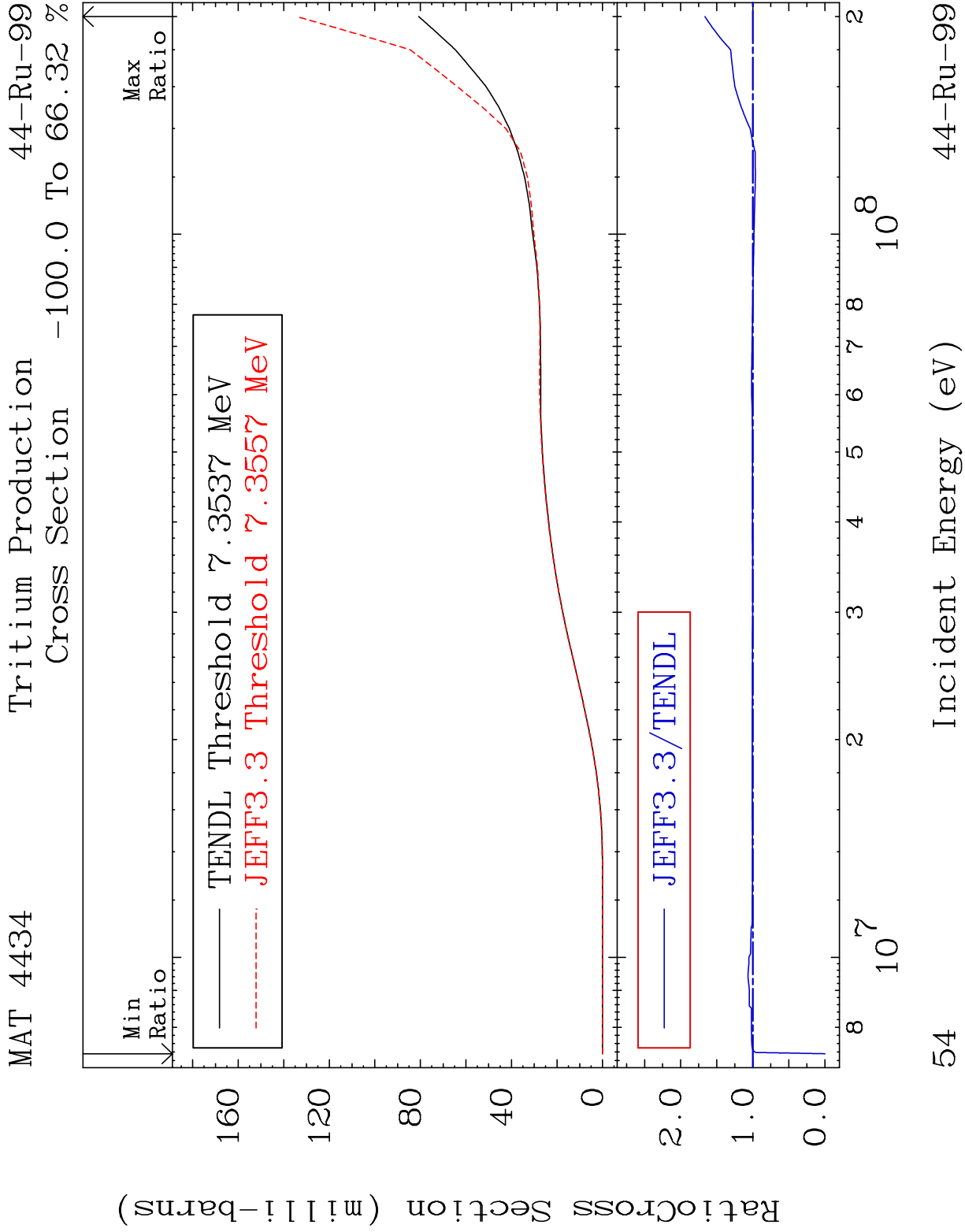


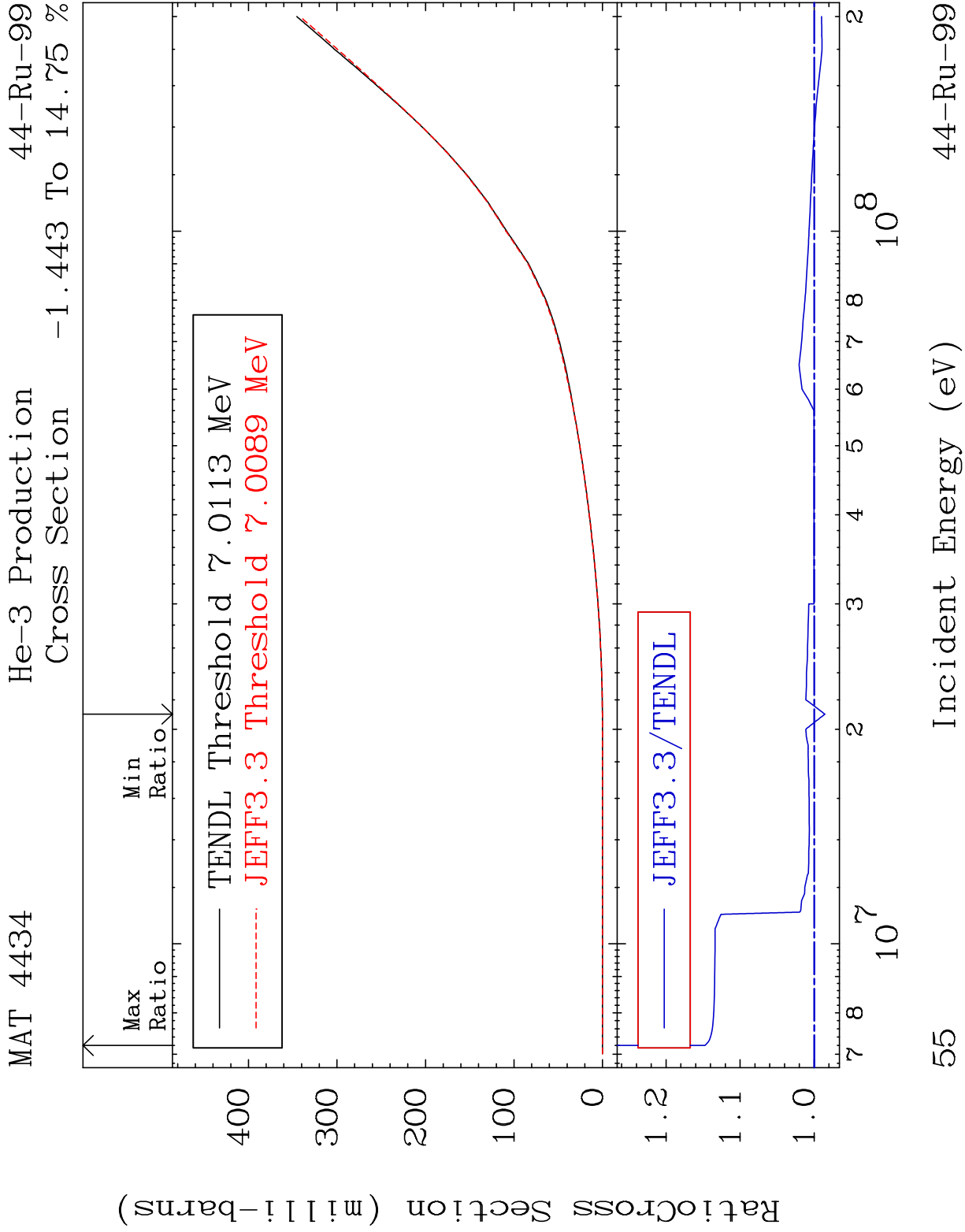


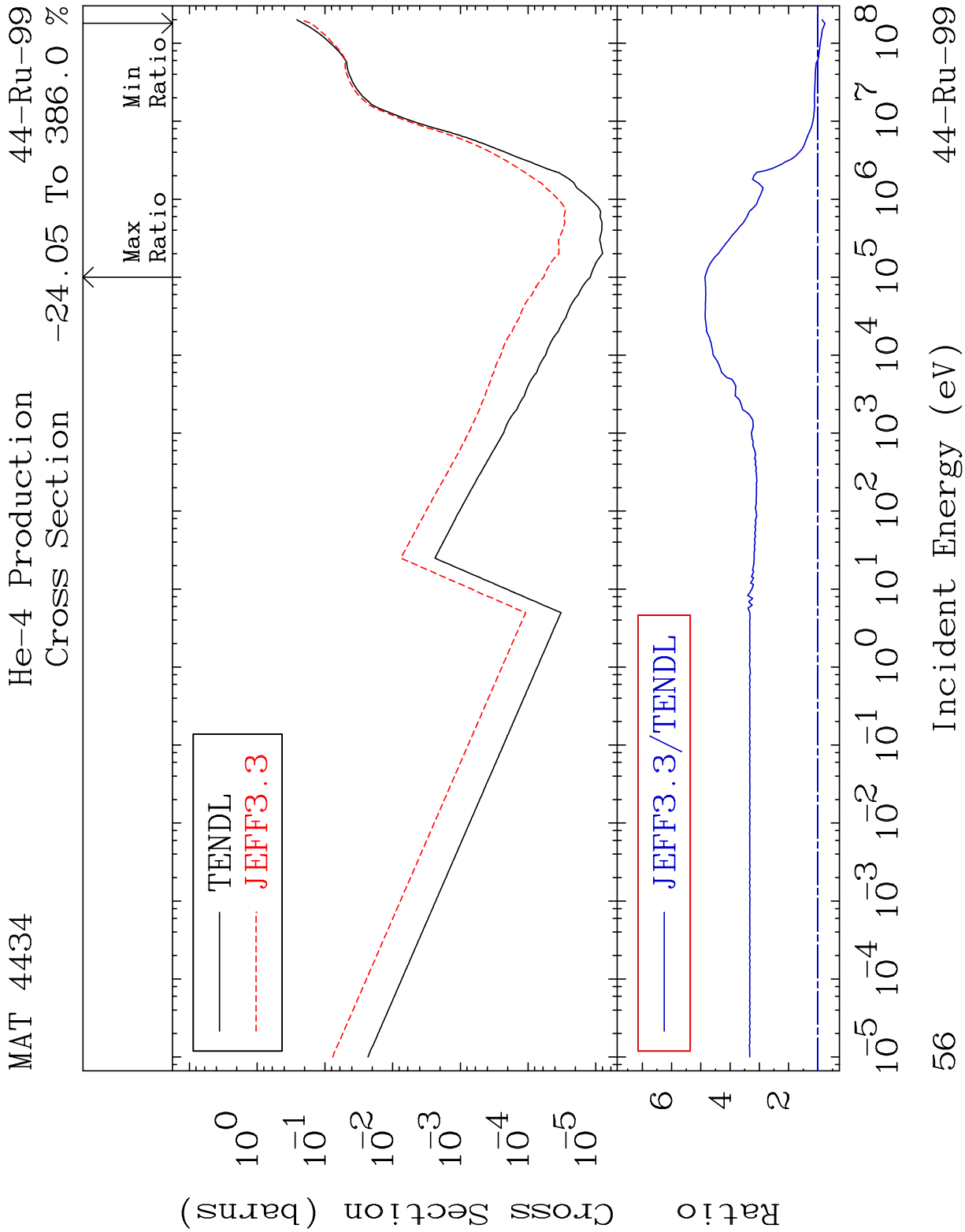


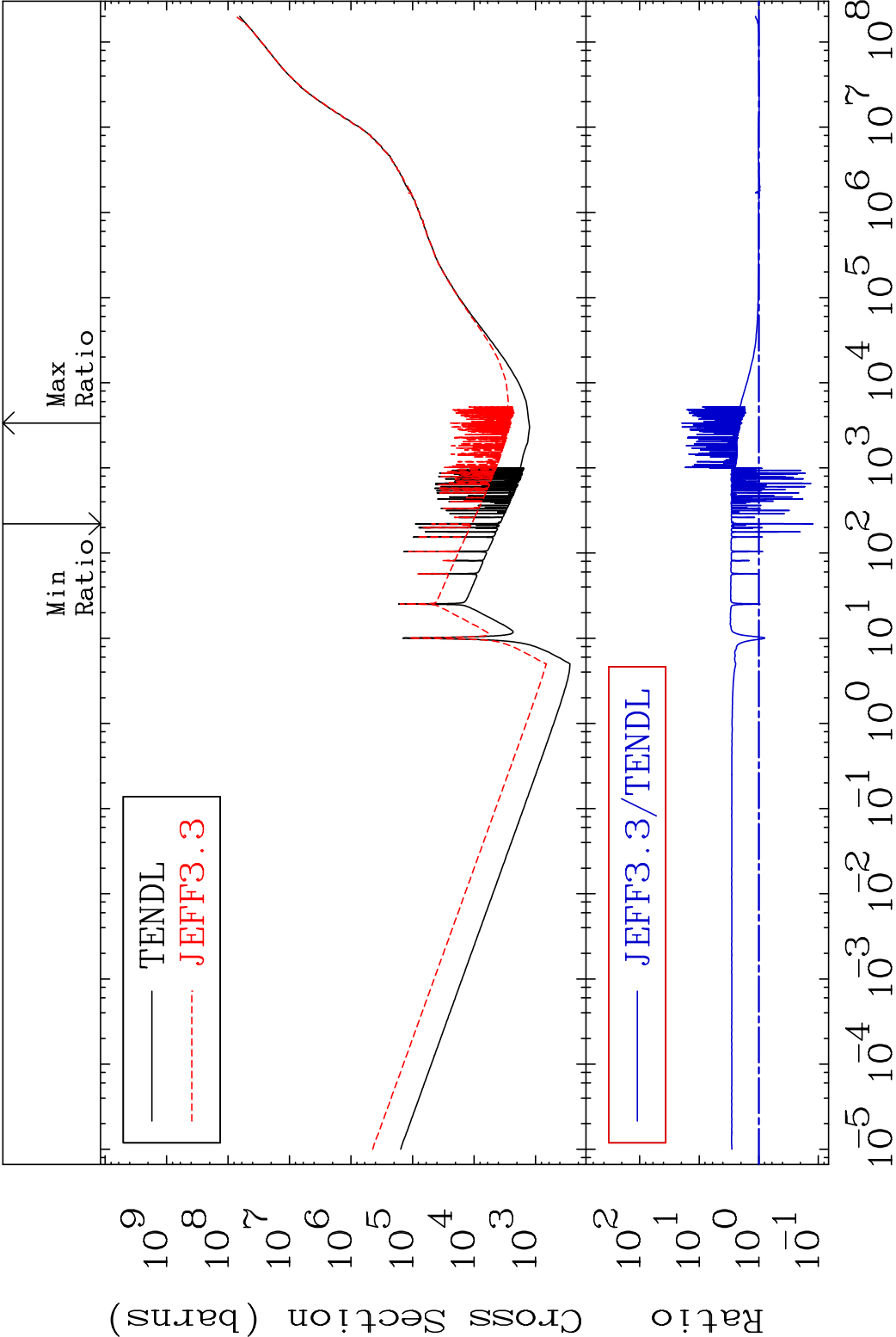


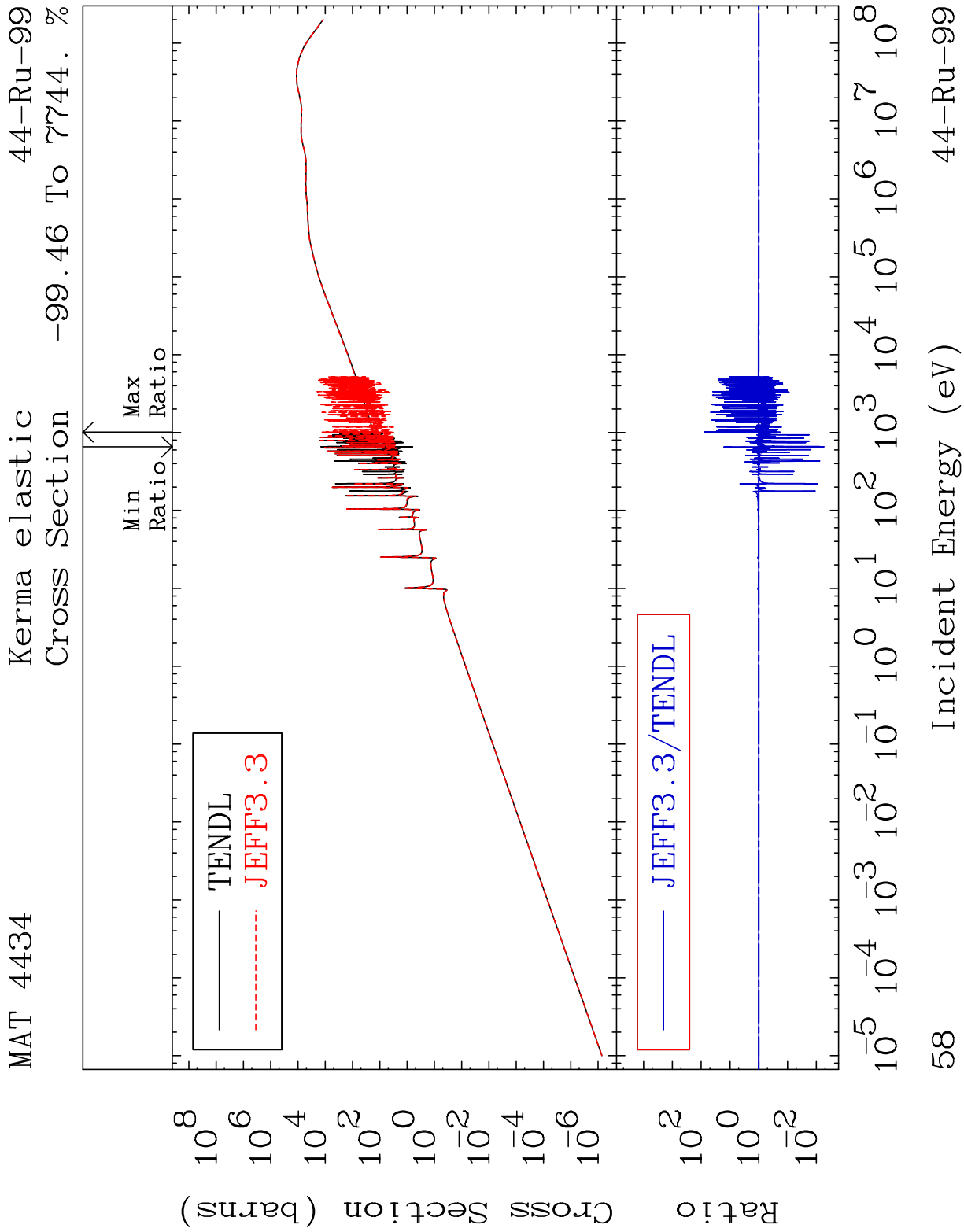




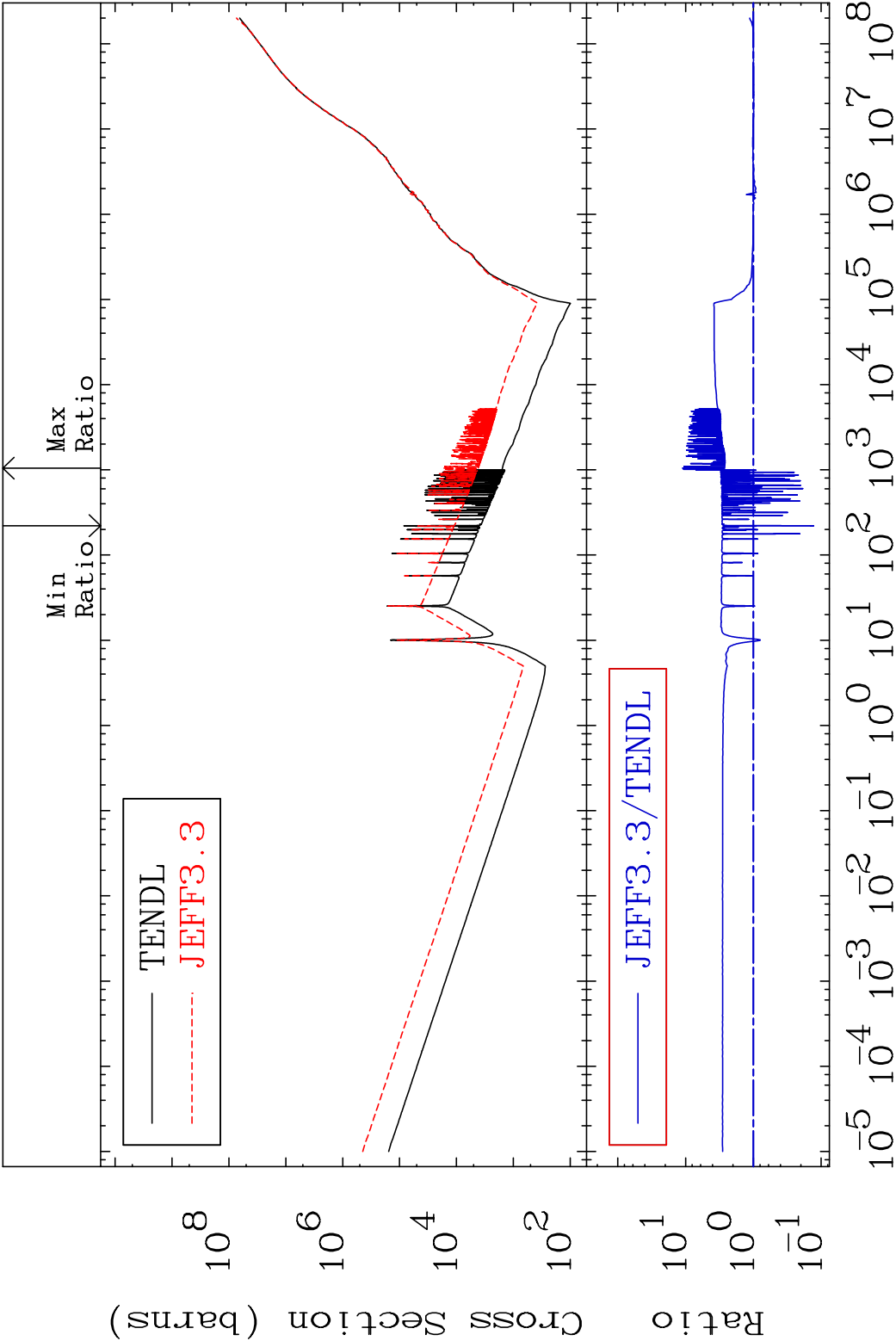




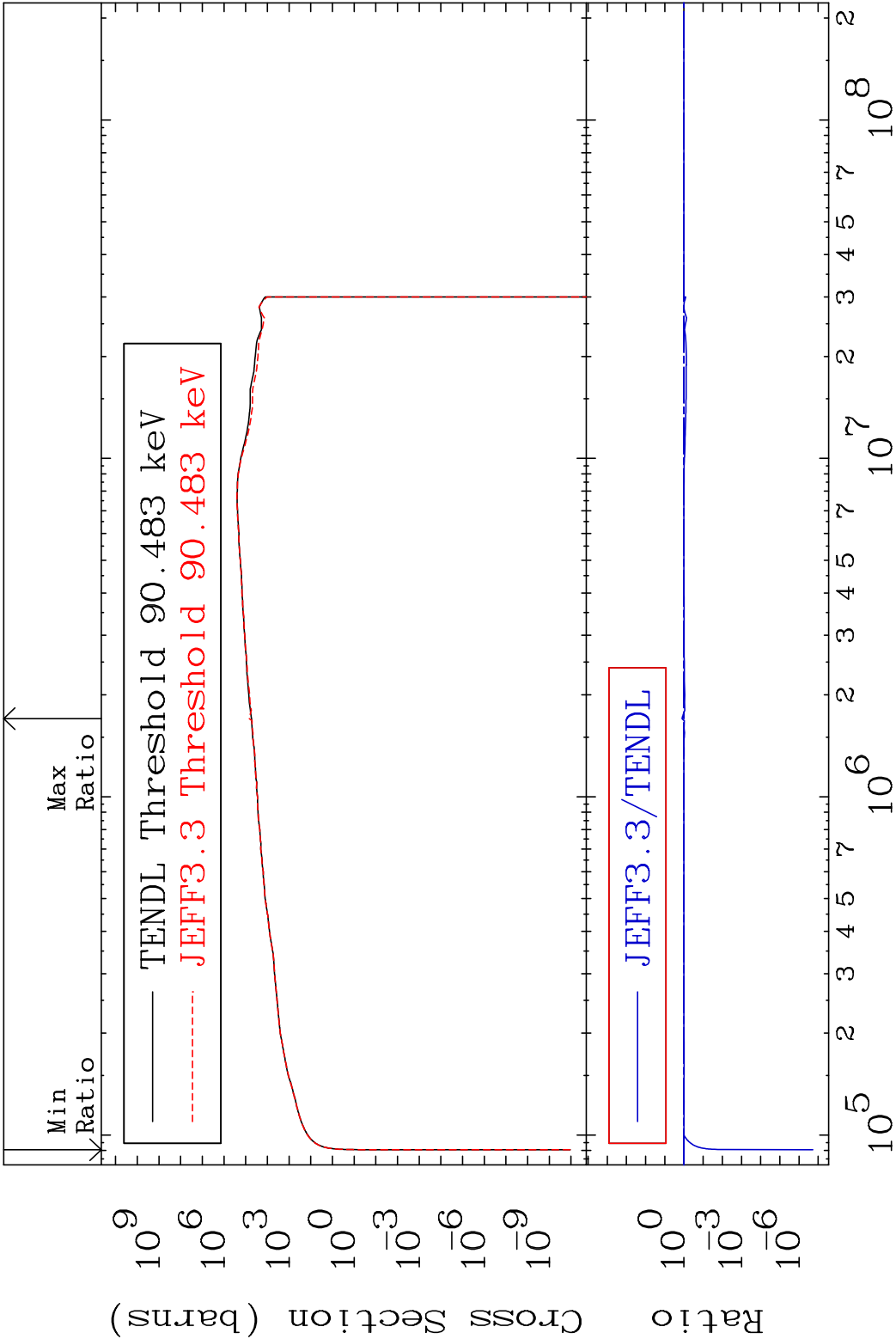




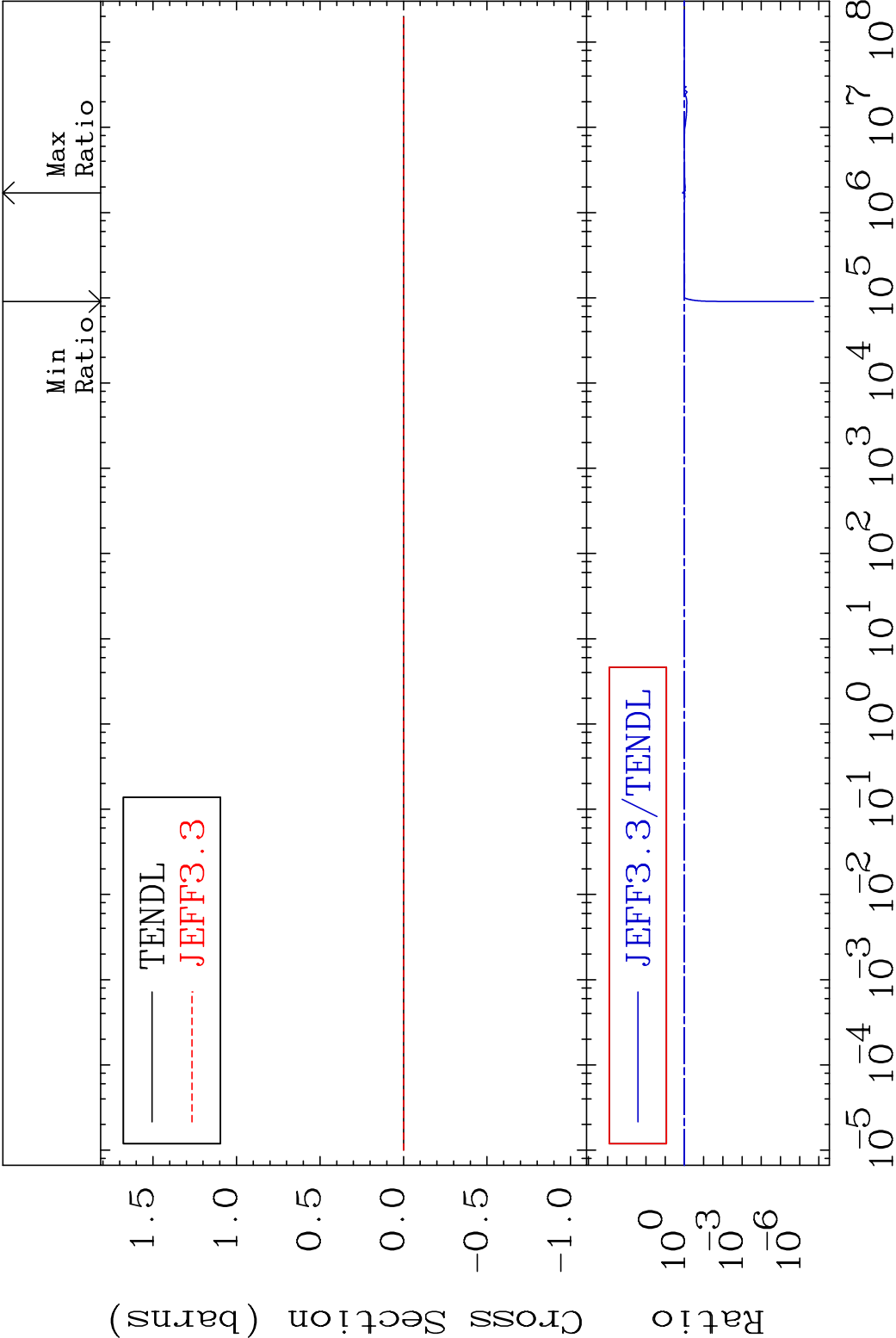
MAT 4434 Kerma non-elastic (all but mt2) 44-Ru-99
Cross Section -87.00 To 1013. %

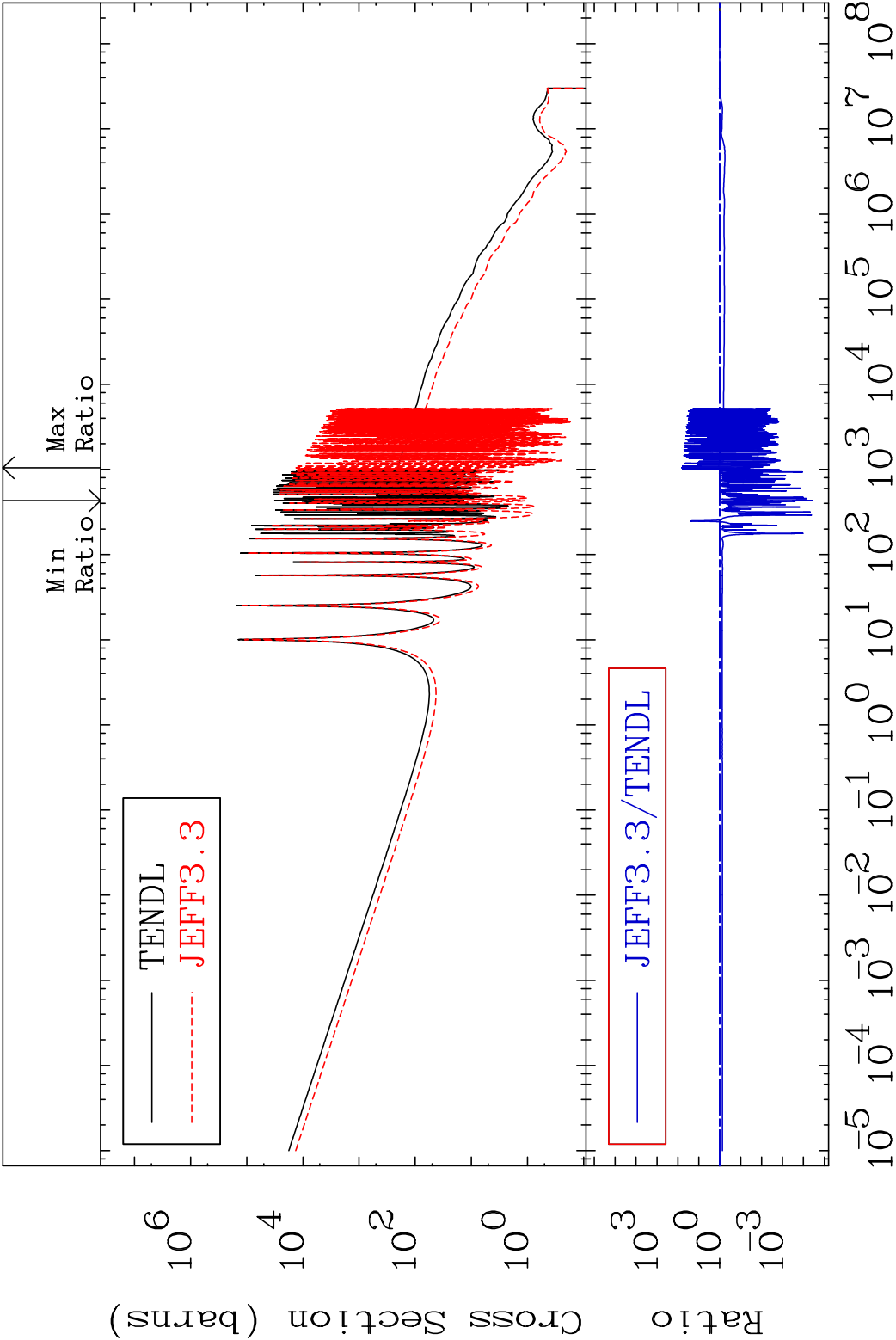


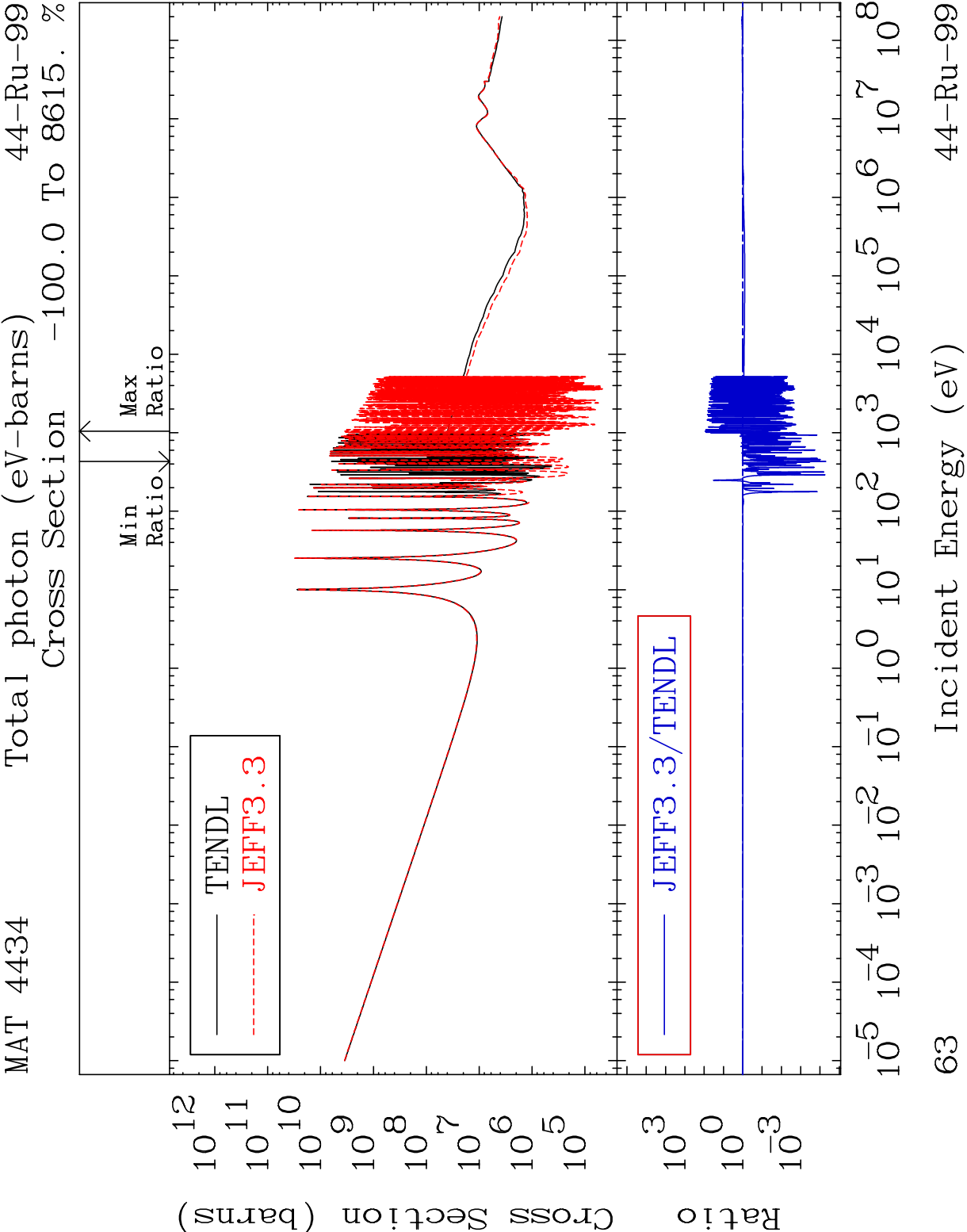
59 Incident Energy (eV) 44-Ru-99

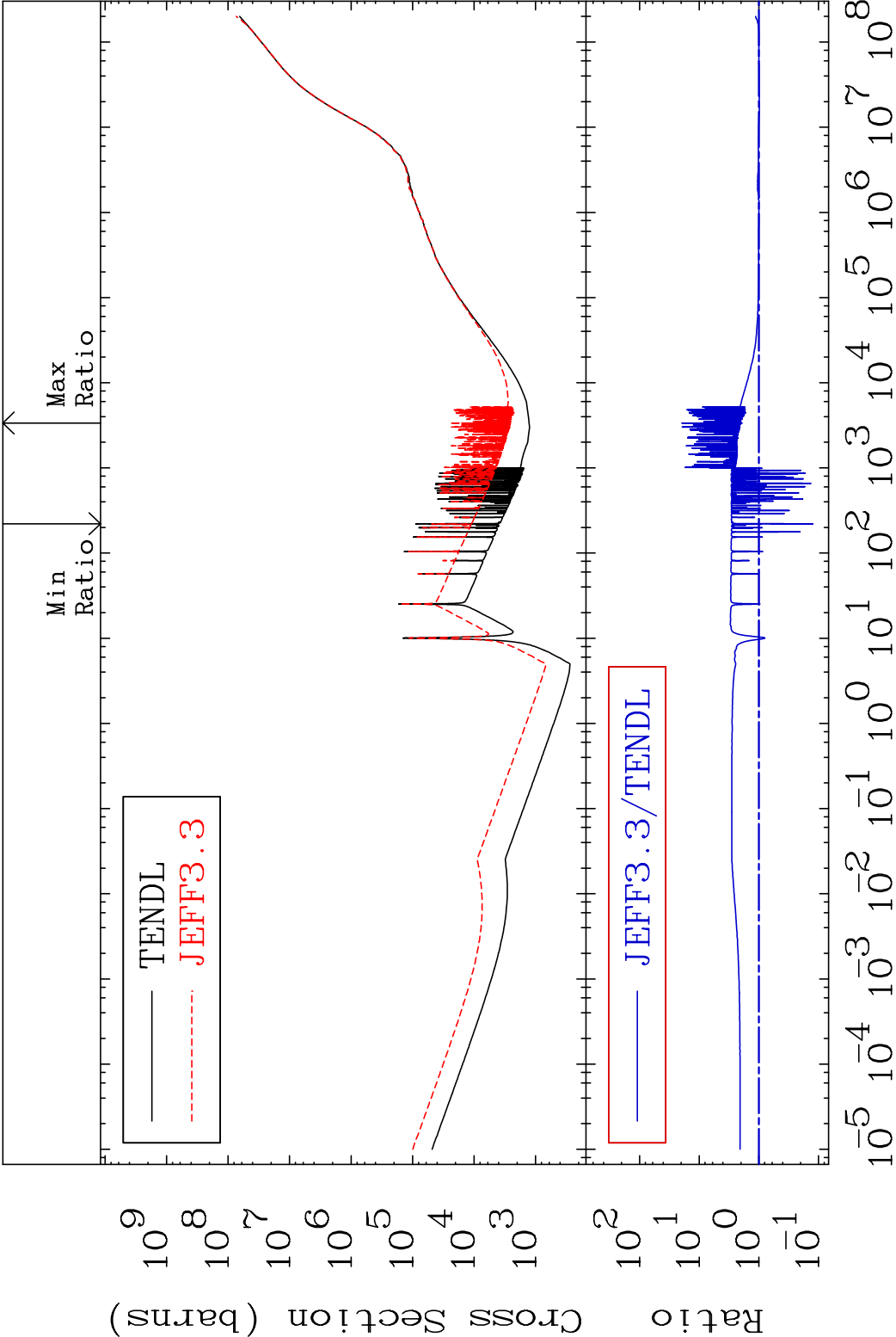


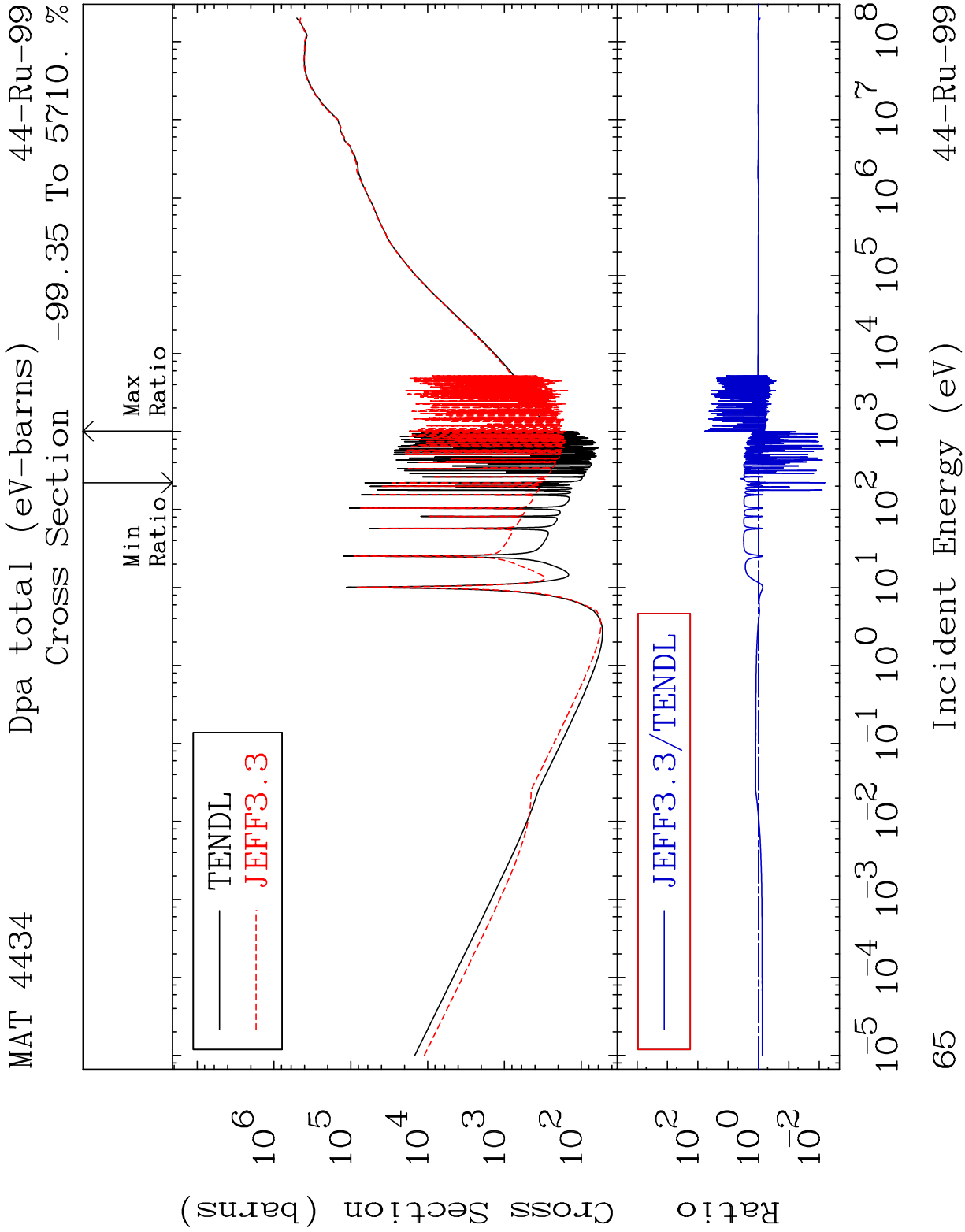
MAT 4434 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-99
Cross Section -100.0 To 26.83 %

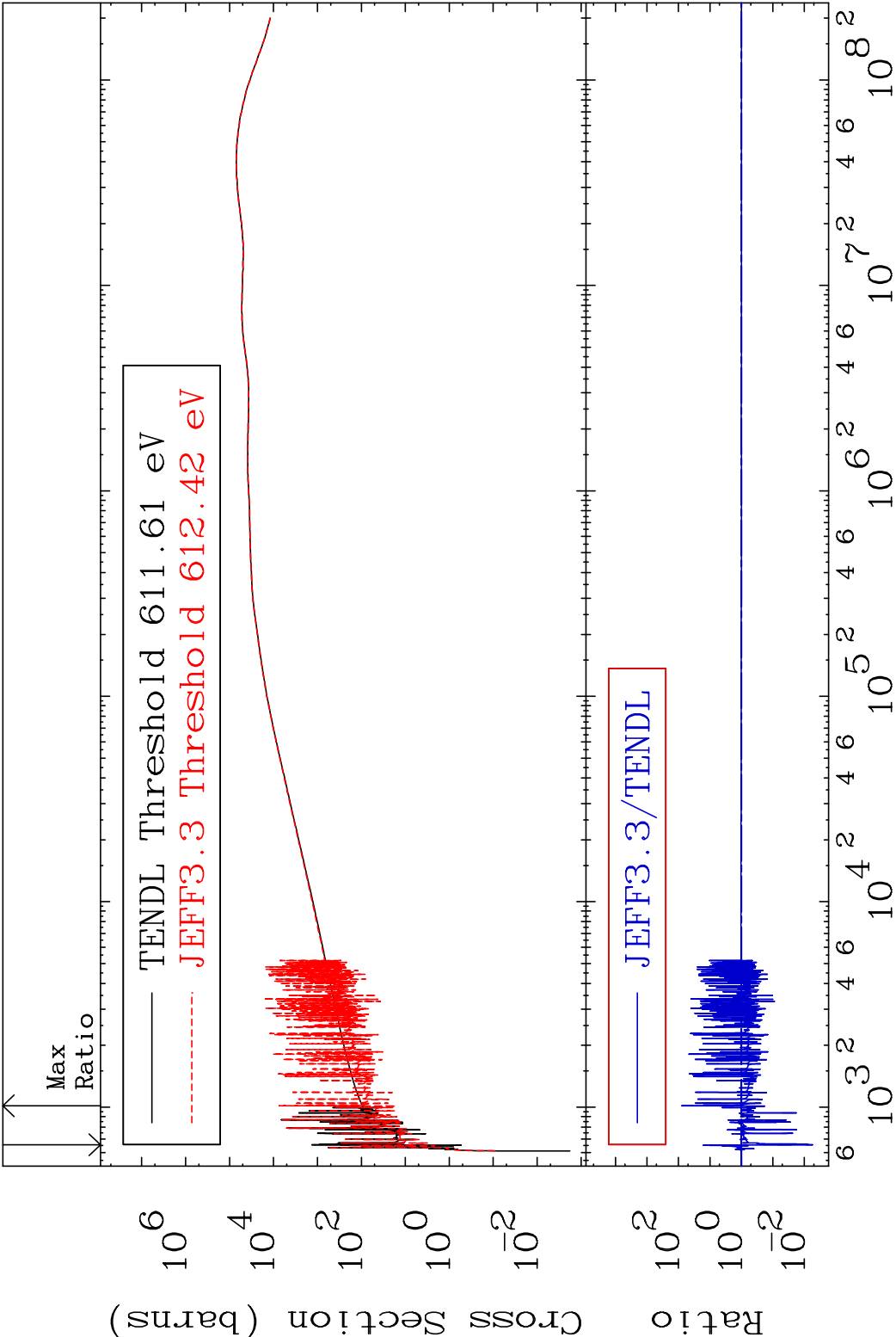




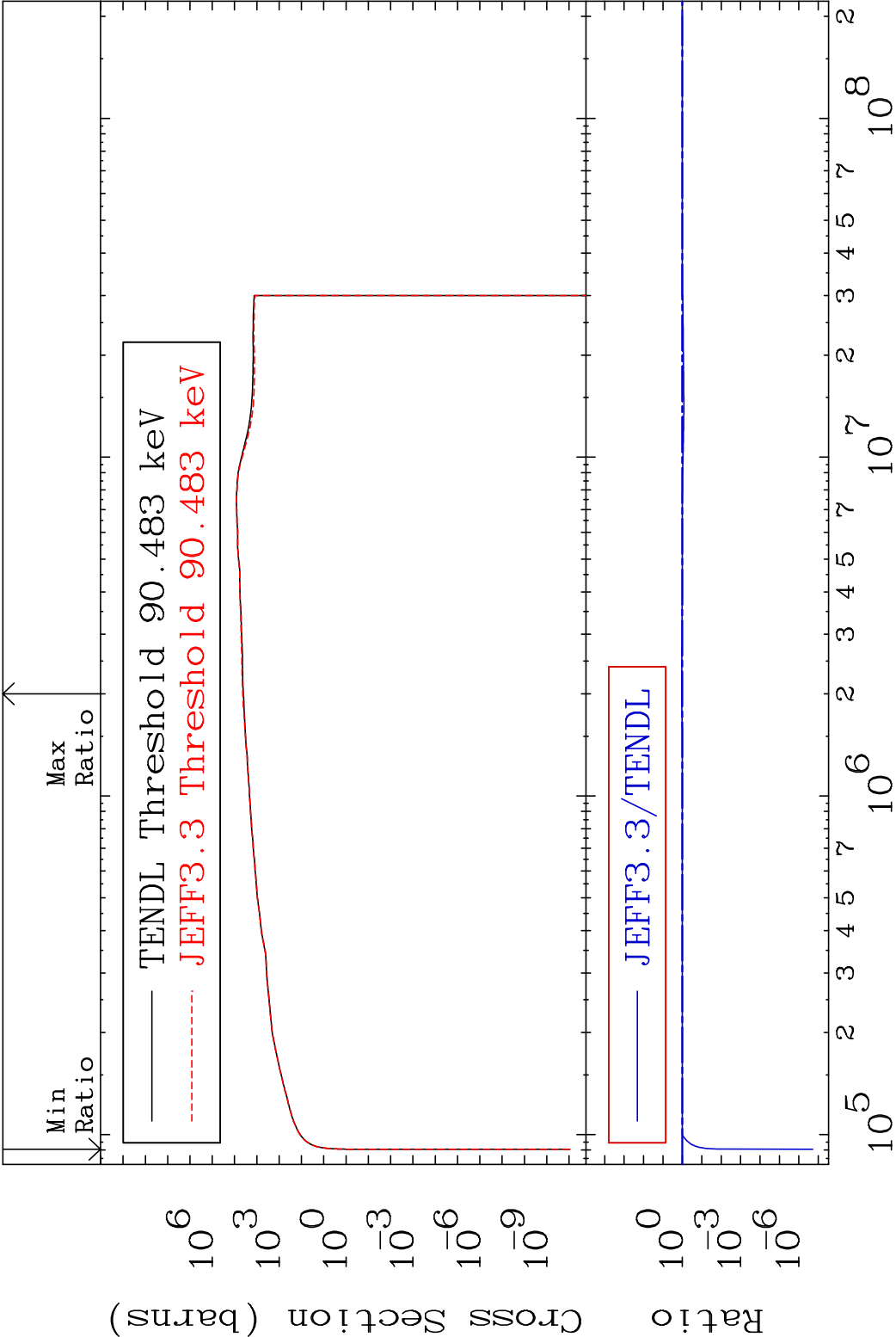






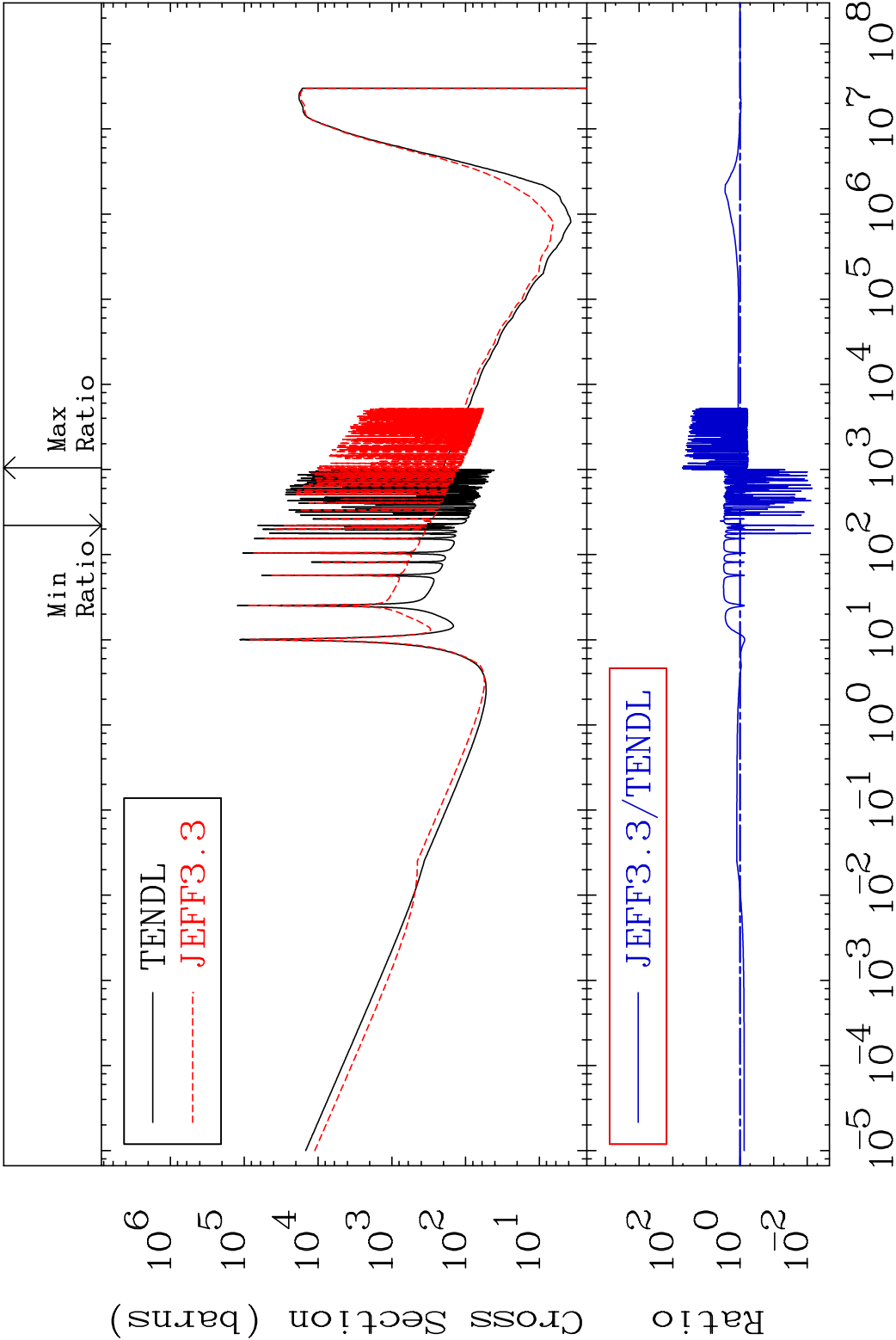


MAT 4434 Dpa inelastic (mt51-91) 44-Ru-99
Cross Section -100.0 To 6.641 %

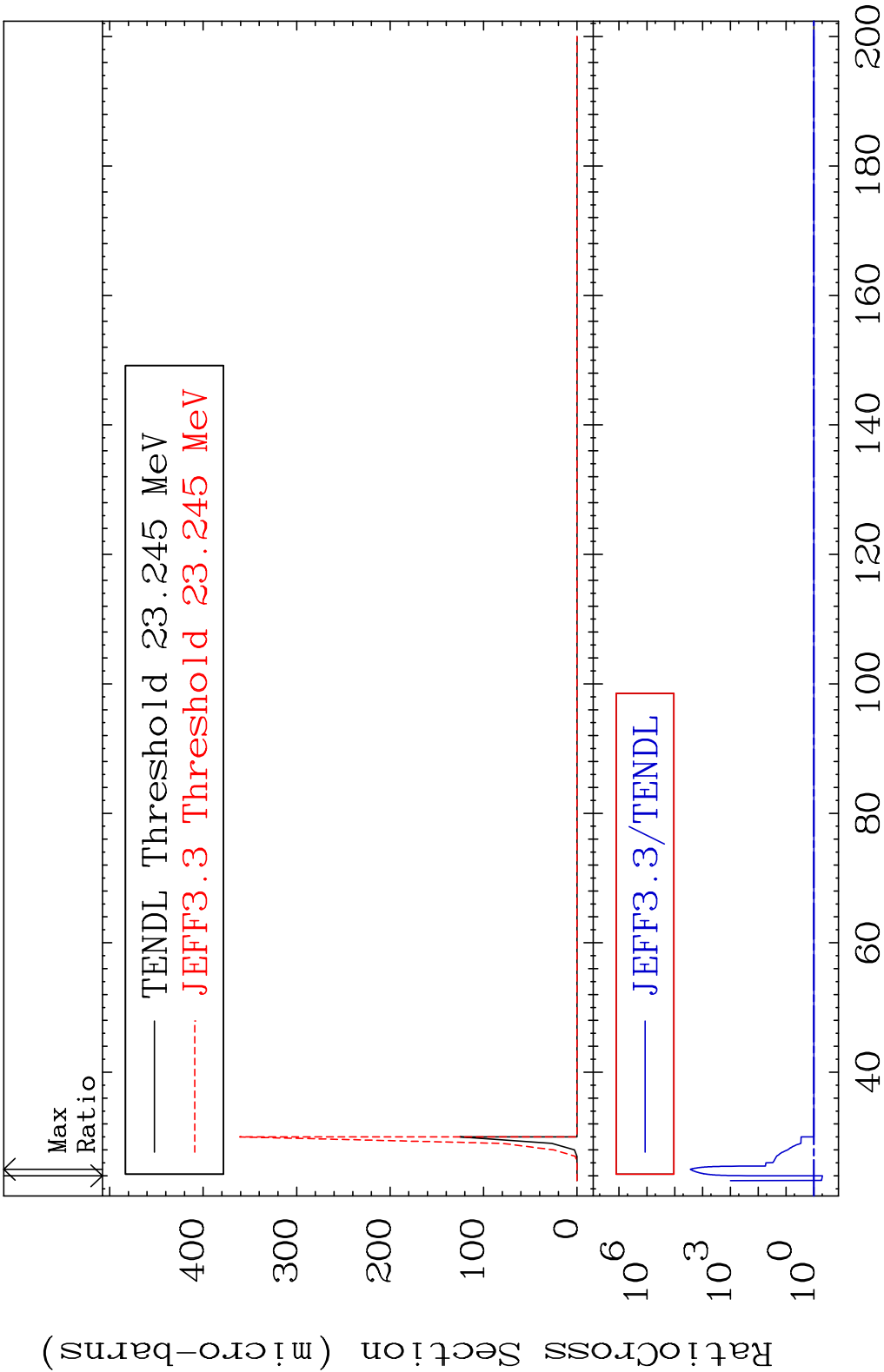


67 Incident Energy (eV) 44-Ru-99

MAT 4434 Dpa disappearance (mt102 -120) 44-Ru-99
 Cross Section -99.35 To 4967. %

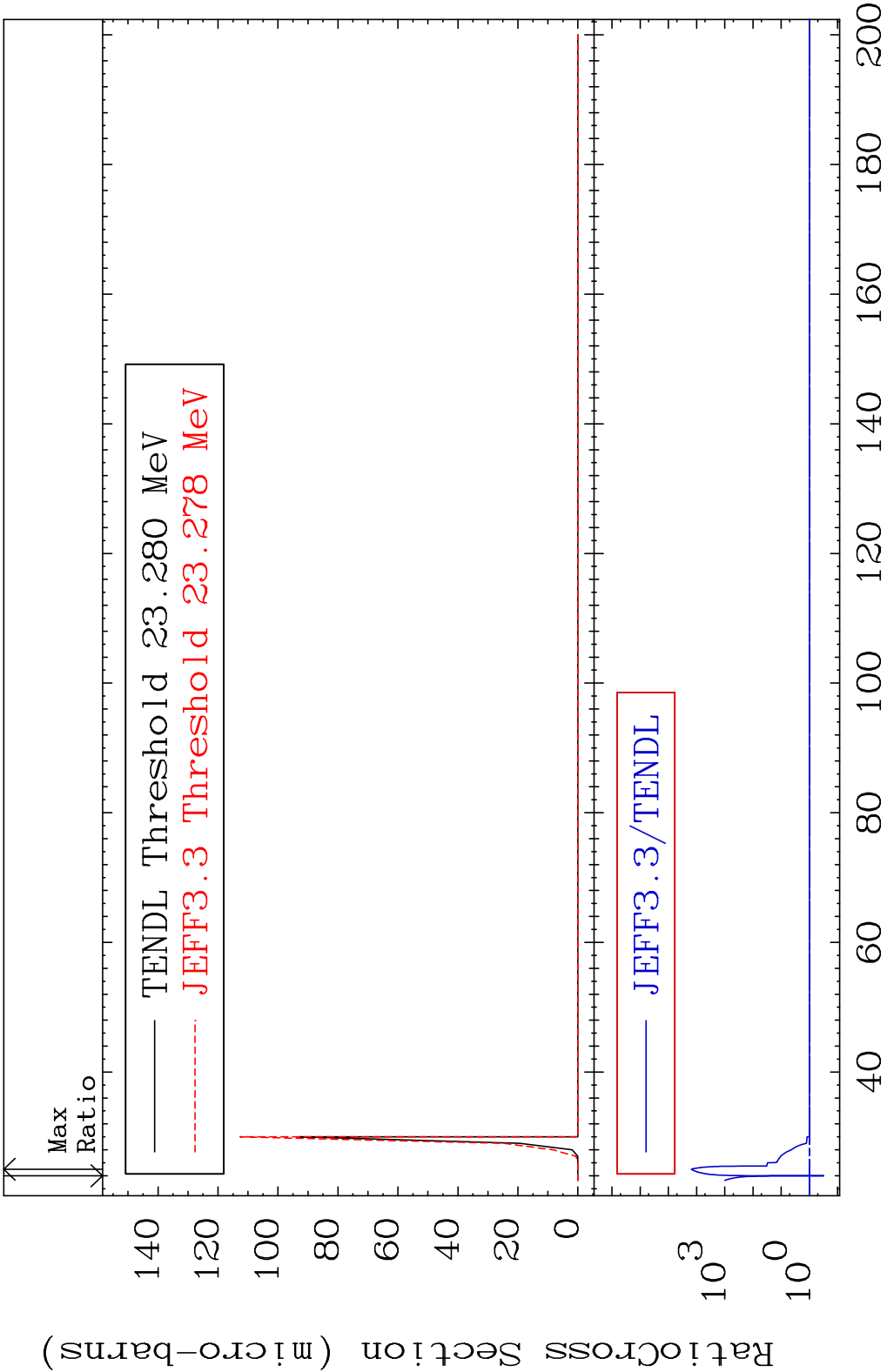


68 Incident Energy (eV) 44-Ru-99

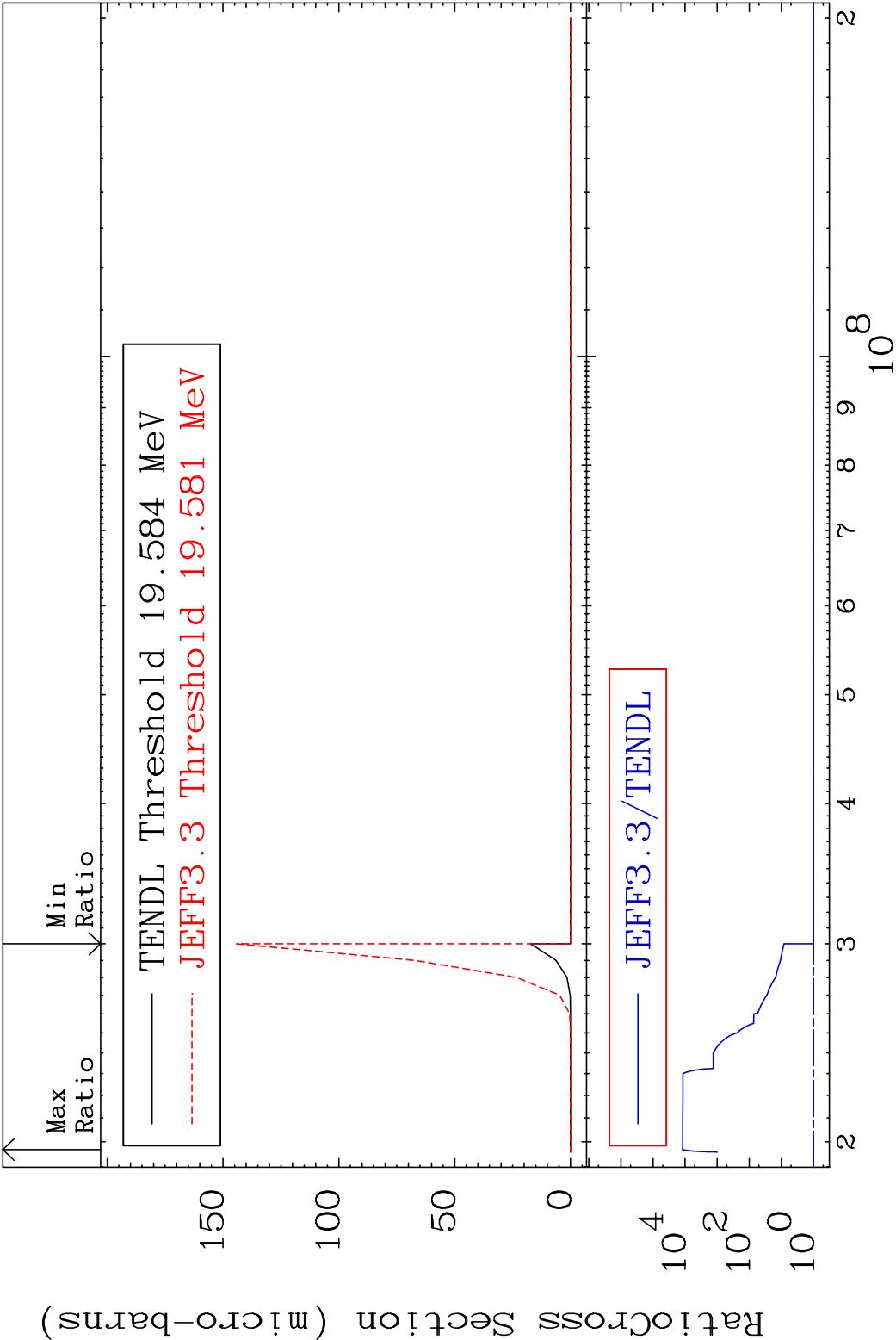


MAT 4434 (n,2n) d:43-Tc-96m1 44-Ru-99

Radionuclide Production Cross Section to 9999. %

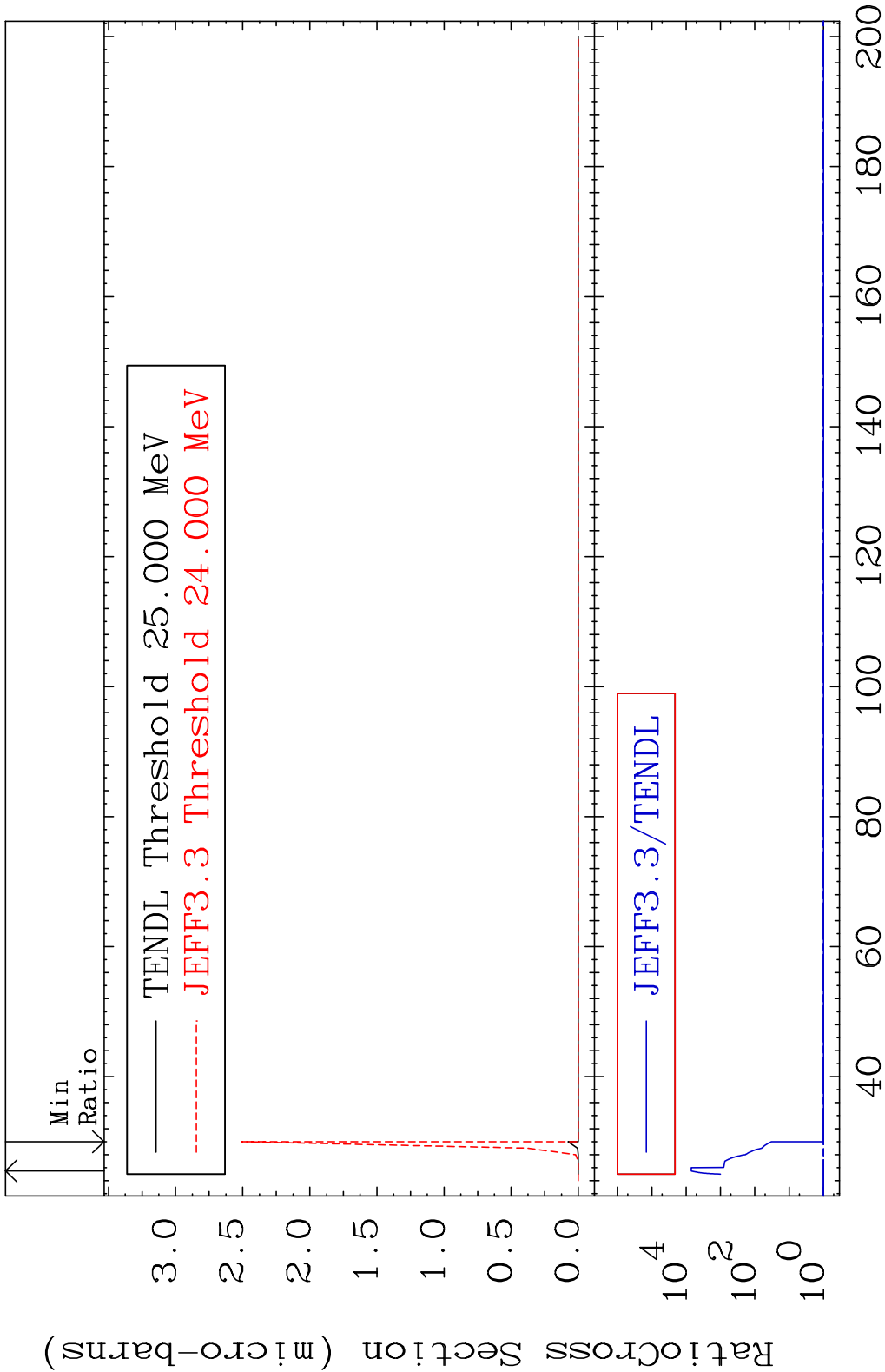


70 Incident Energy (MeV) 44-Ru-99

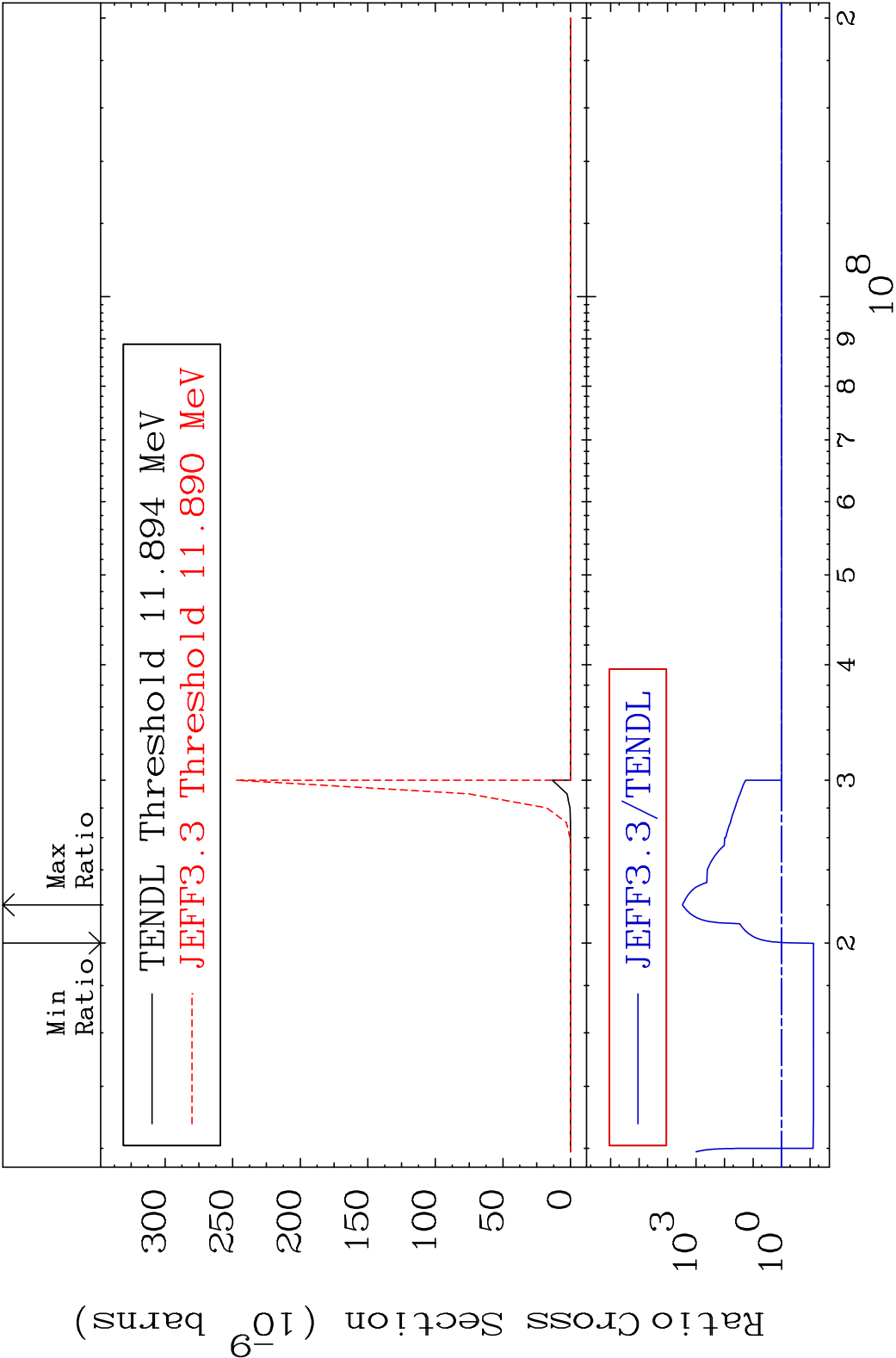


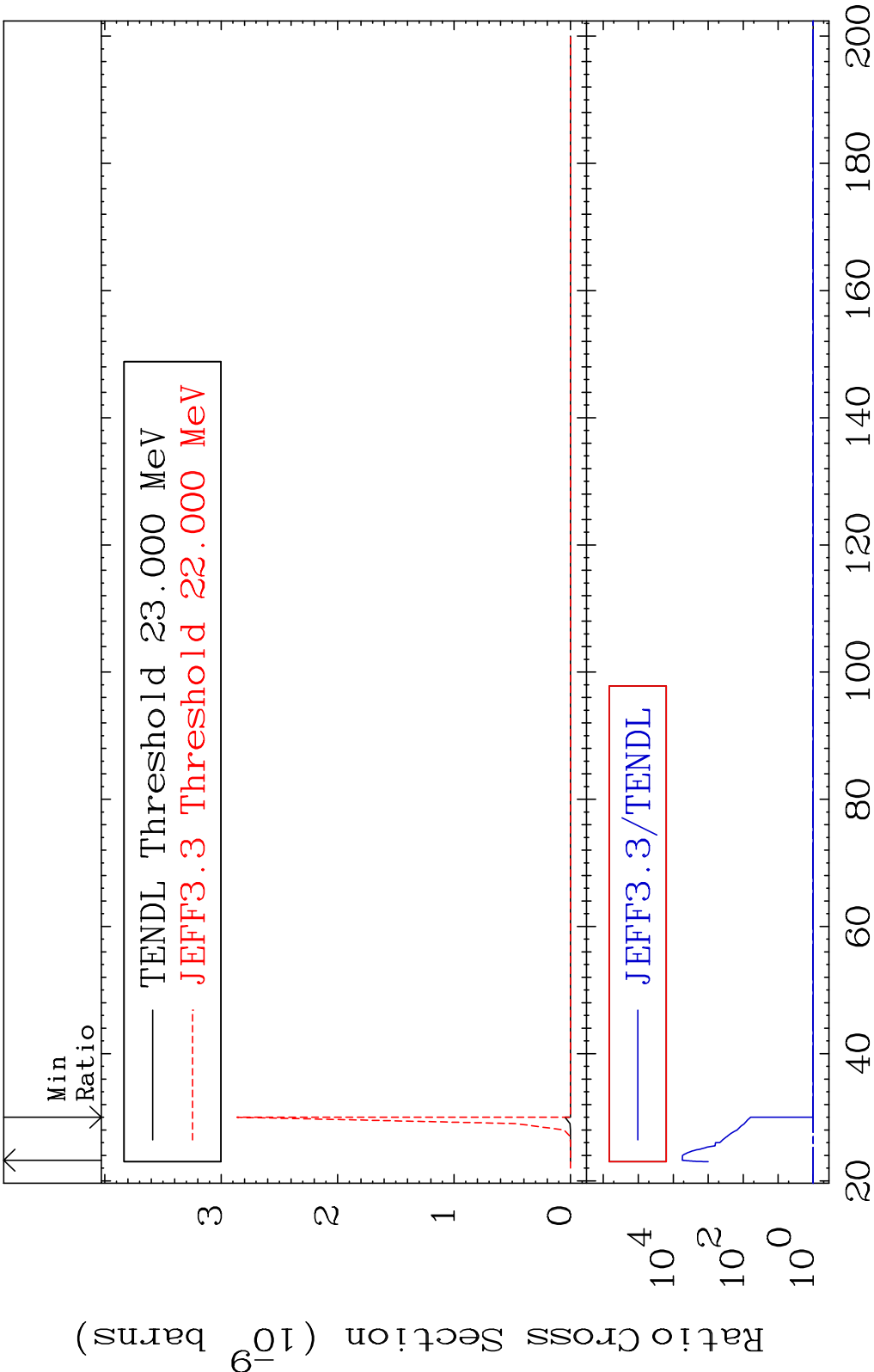
MAT 4434 (n,3n) α :42-Mo-93m16 44-Ru-99

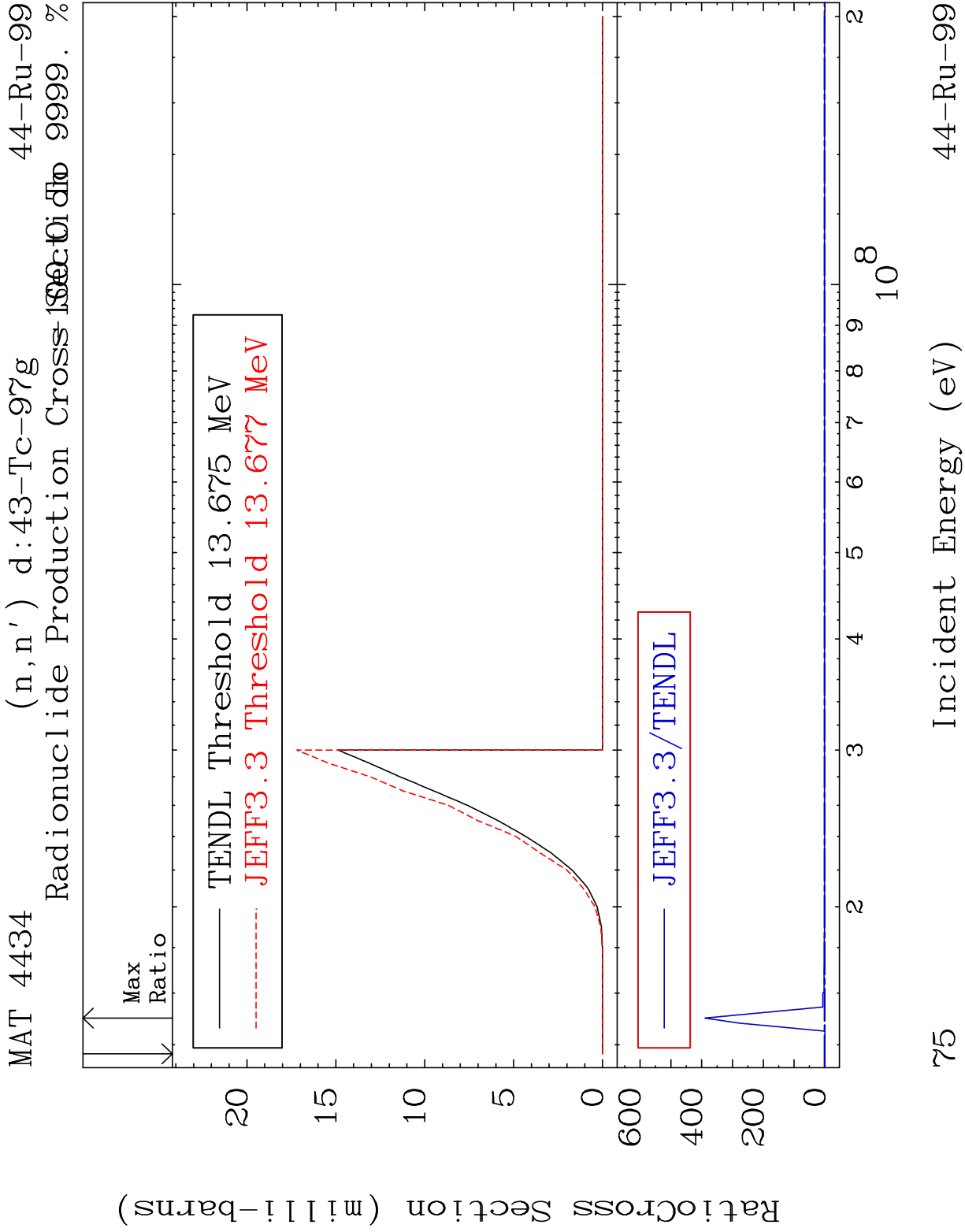
Radionuclide Production Cross Section 9999. %



72 Incident Energy (MeV) 44-Ru-99







75

44-Ru-99

