

Program Complot
(Version 2021-1)

by

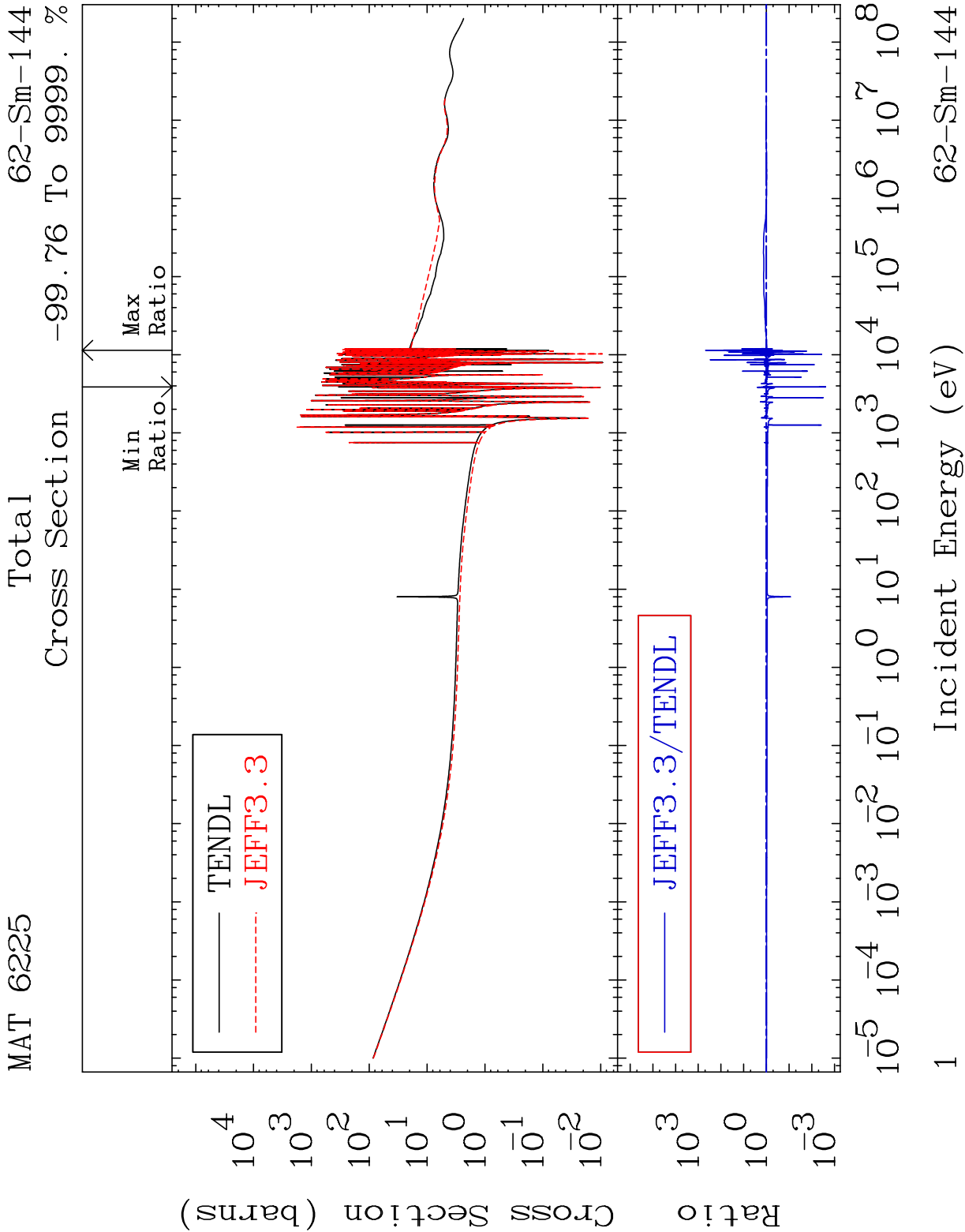
Dermott E. Cullen
(Present Contact Information)

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

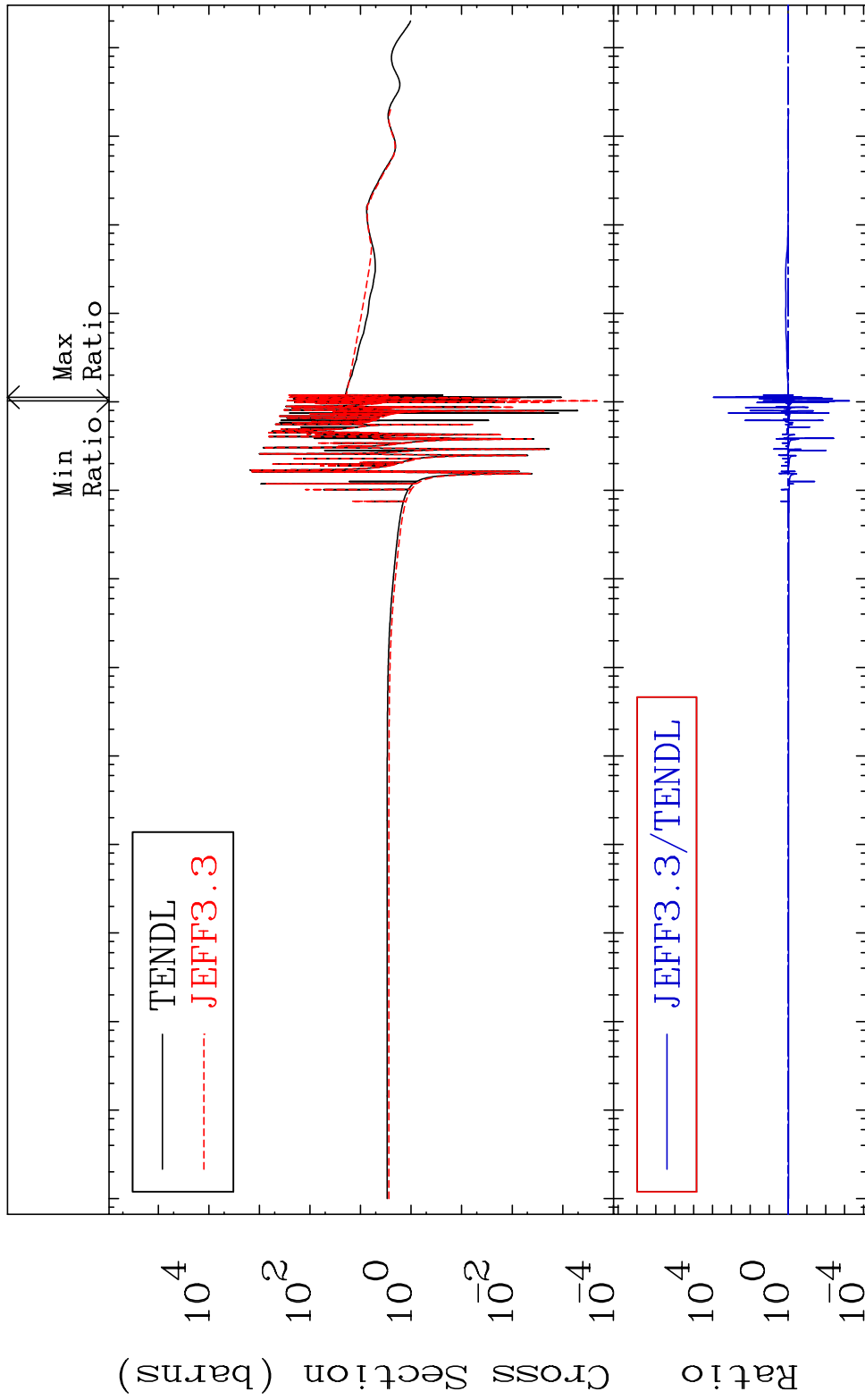


MAT 6225

Elastic

62-Sm-144

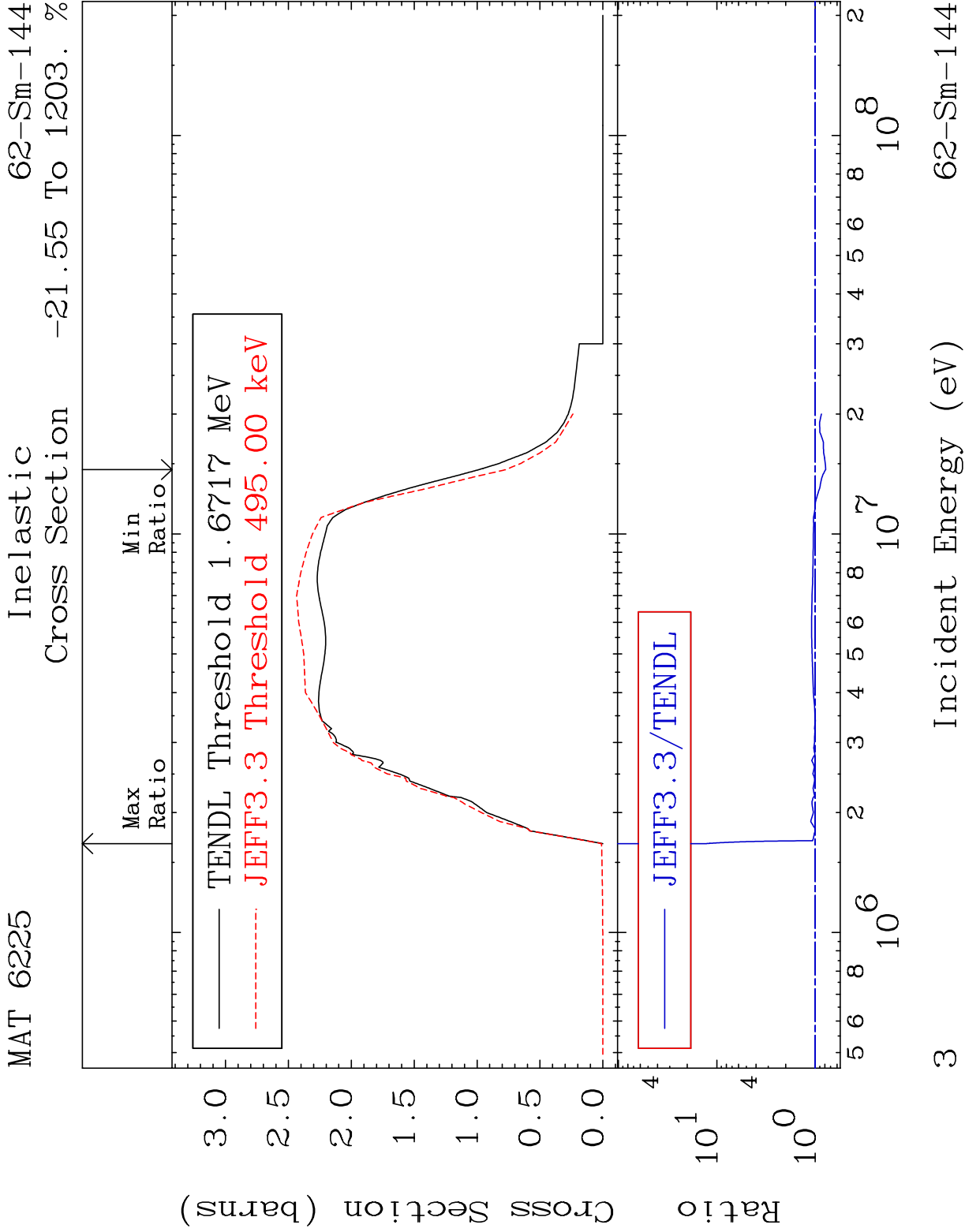
Cross Section -99.94 To 9999. %

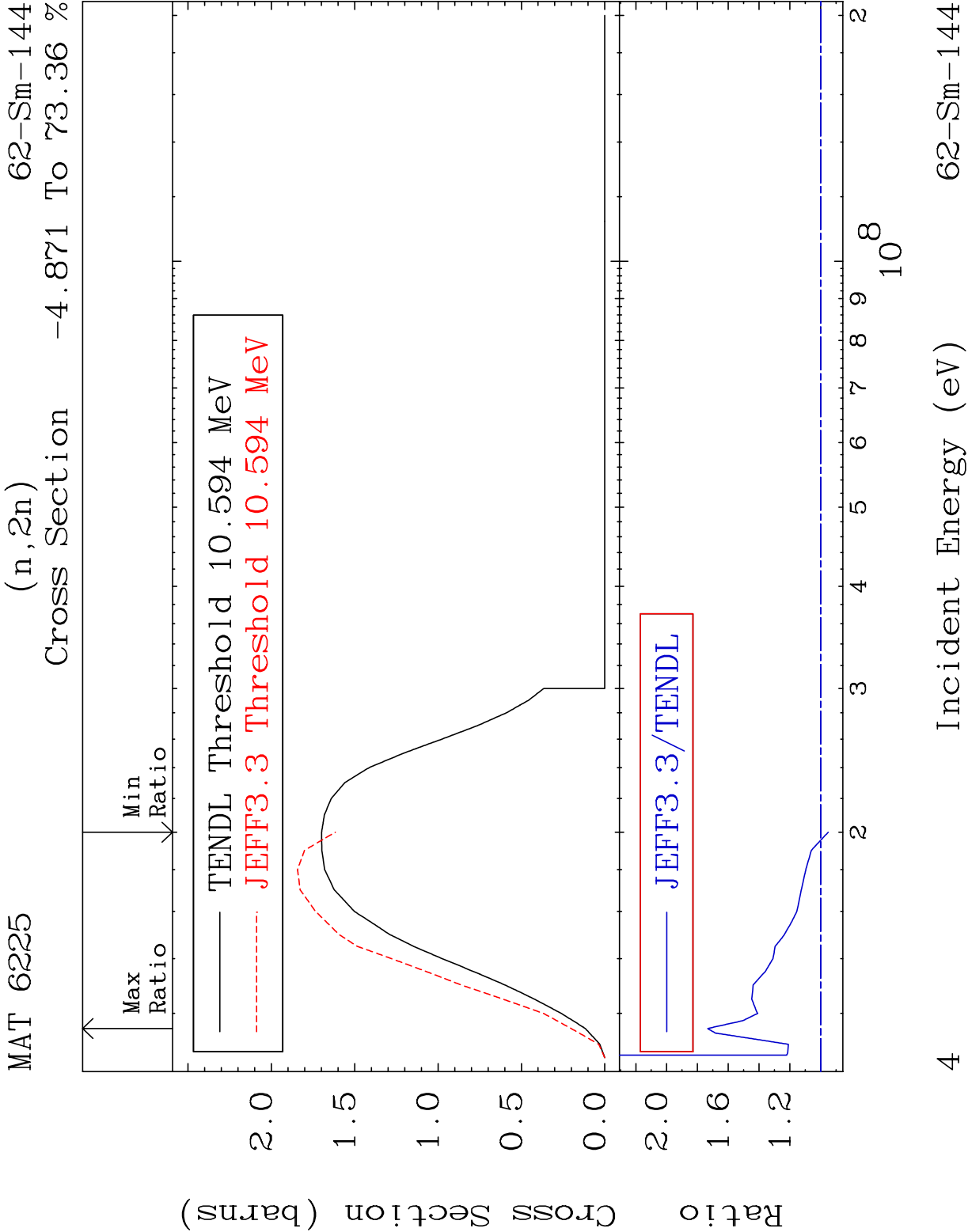


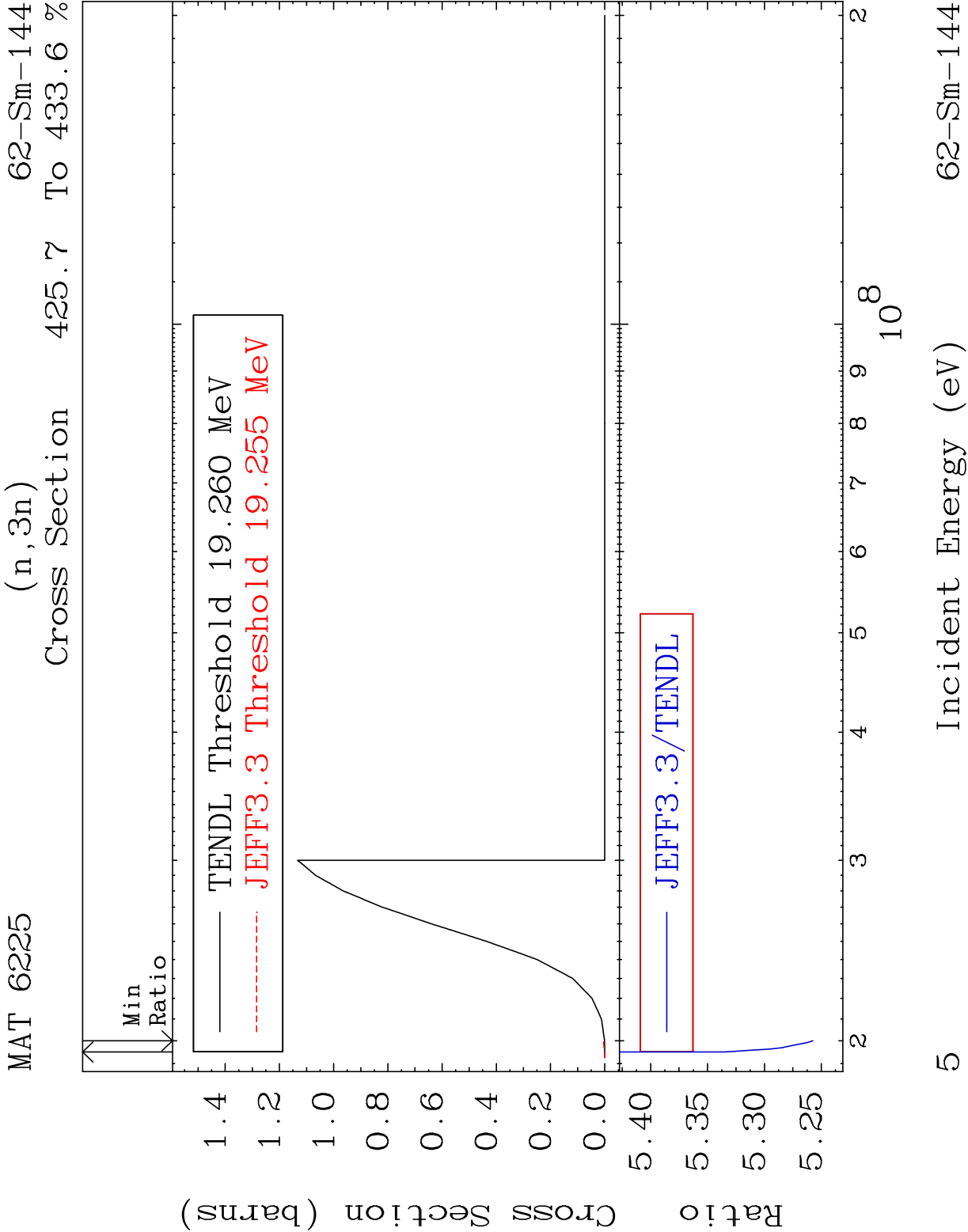
2

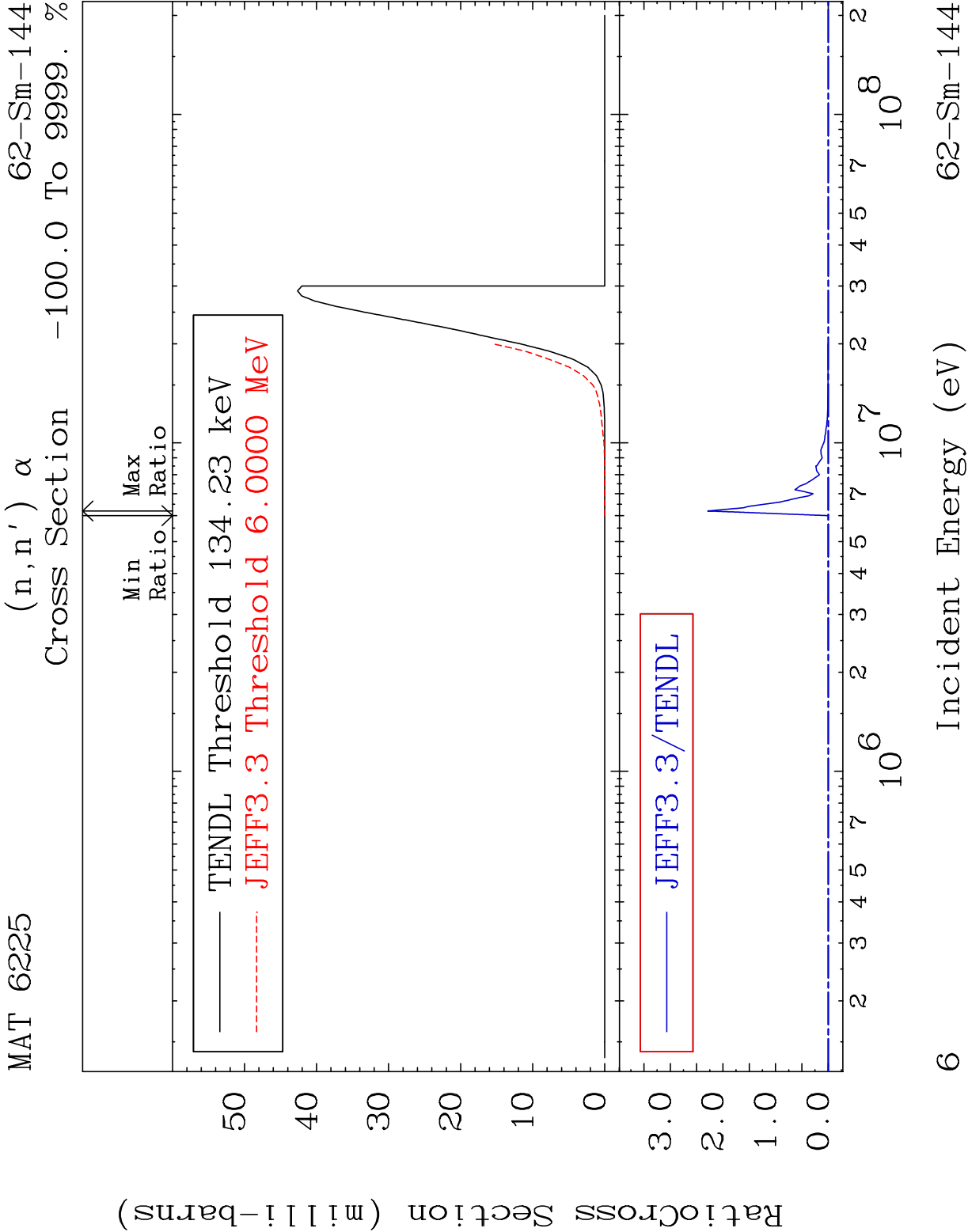
Incident Energy (eV)

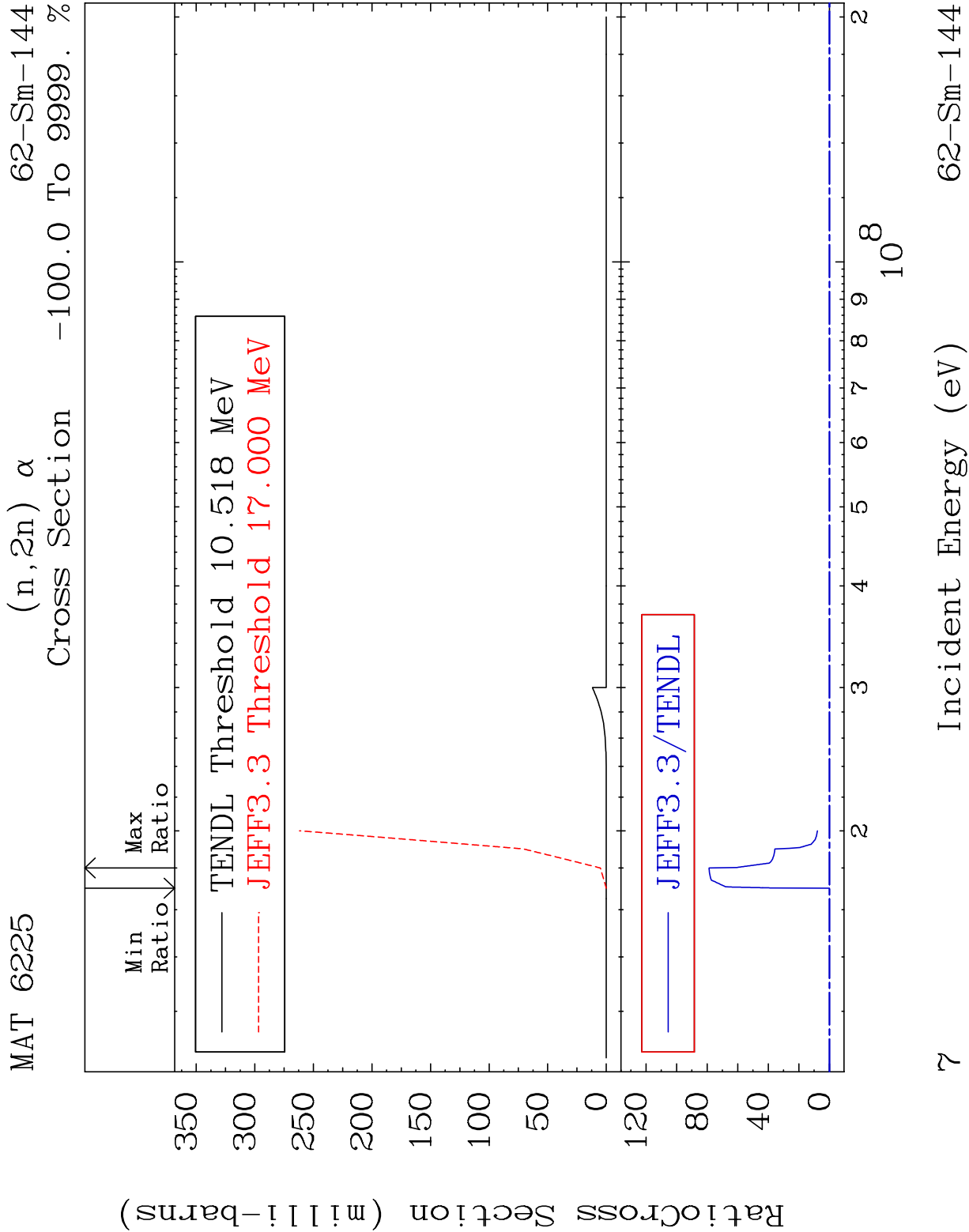
62-Sm-144

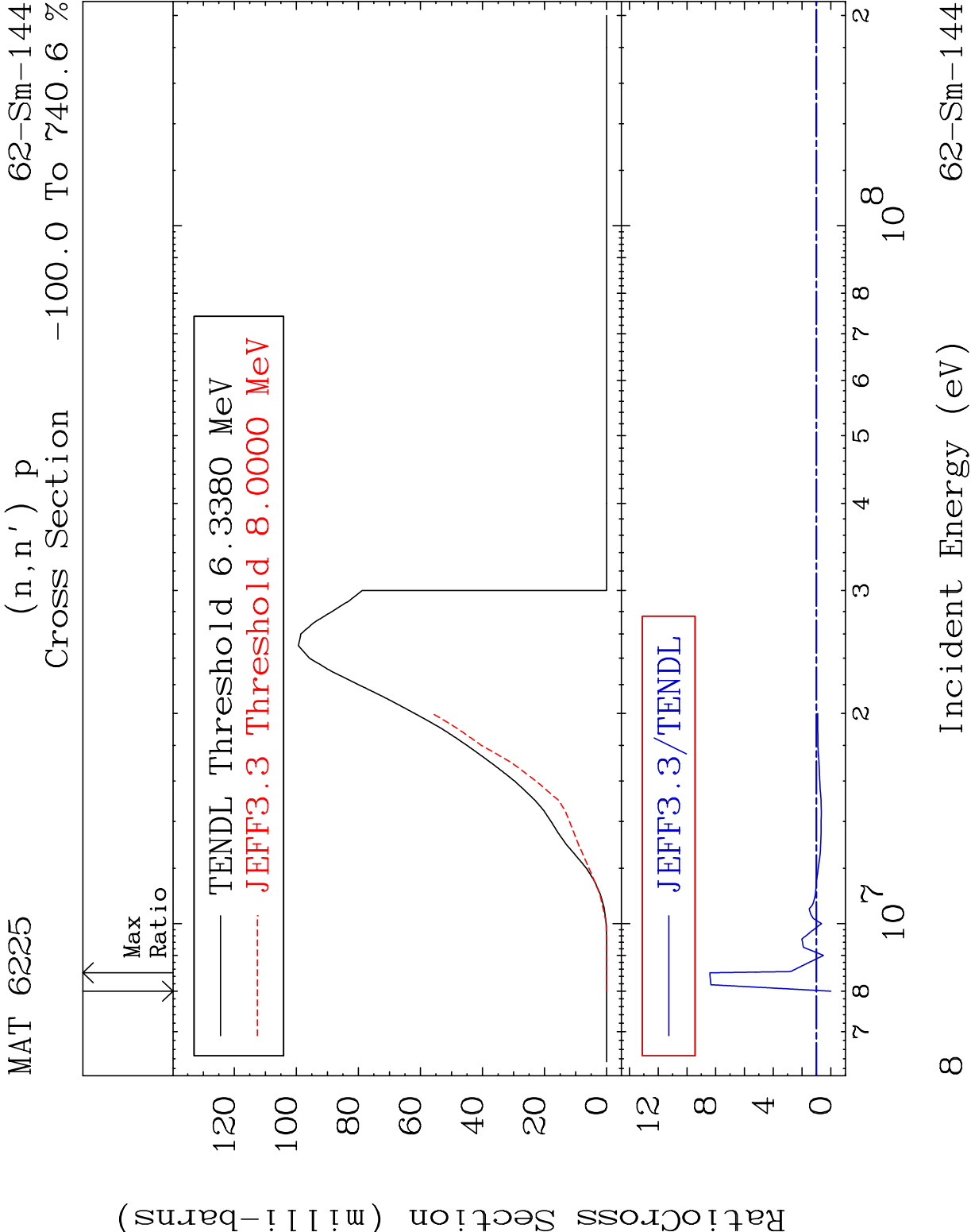


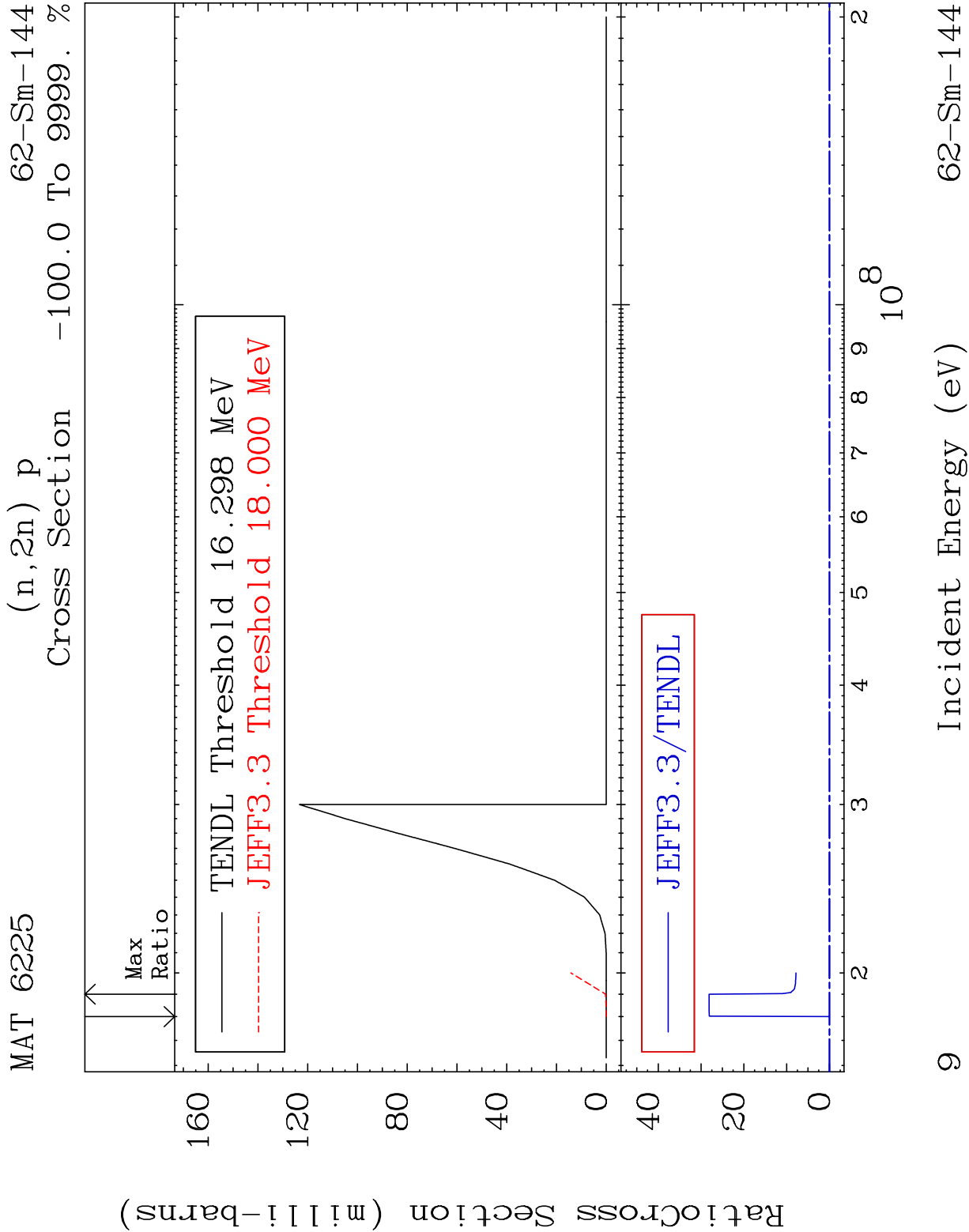




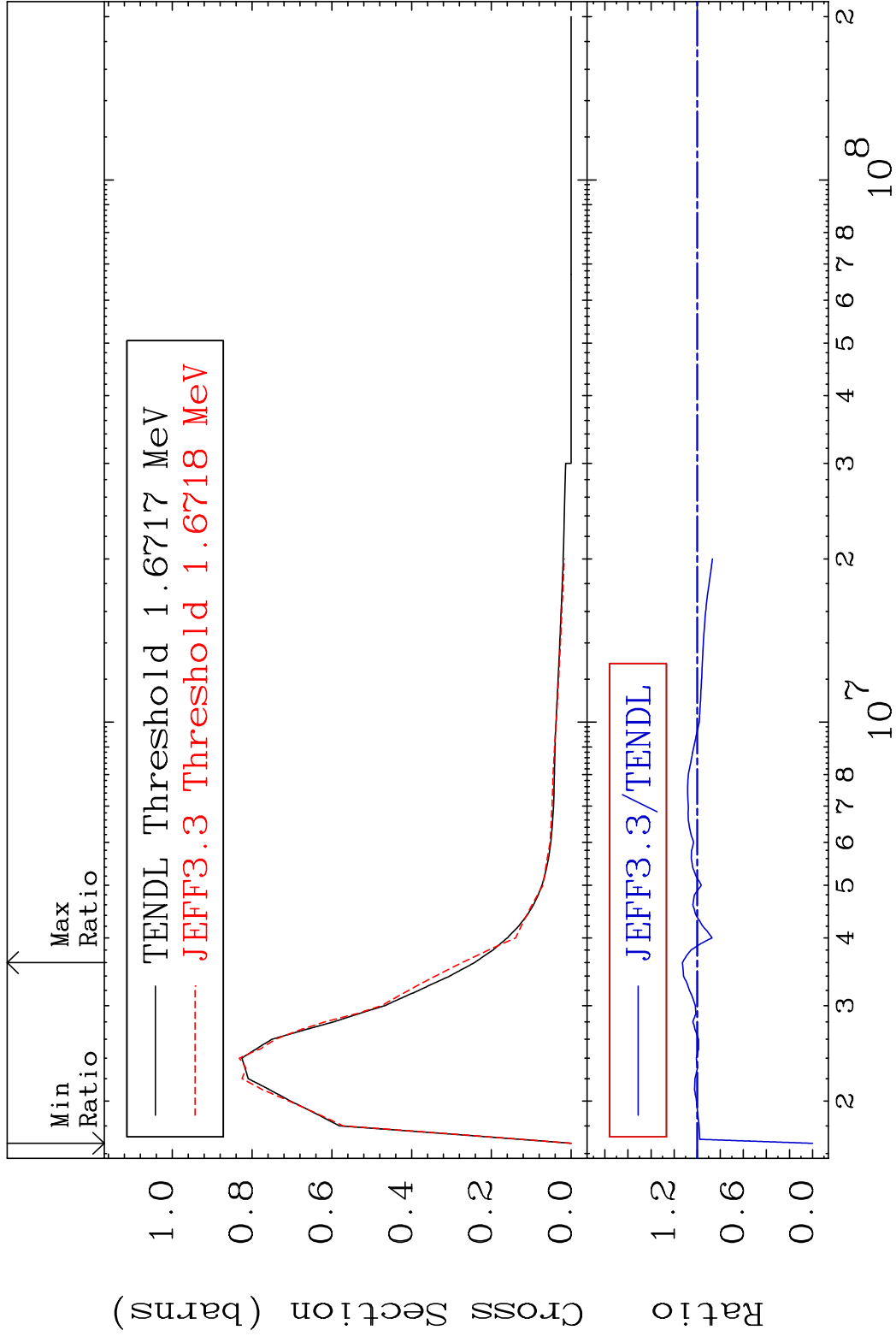






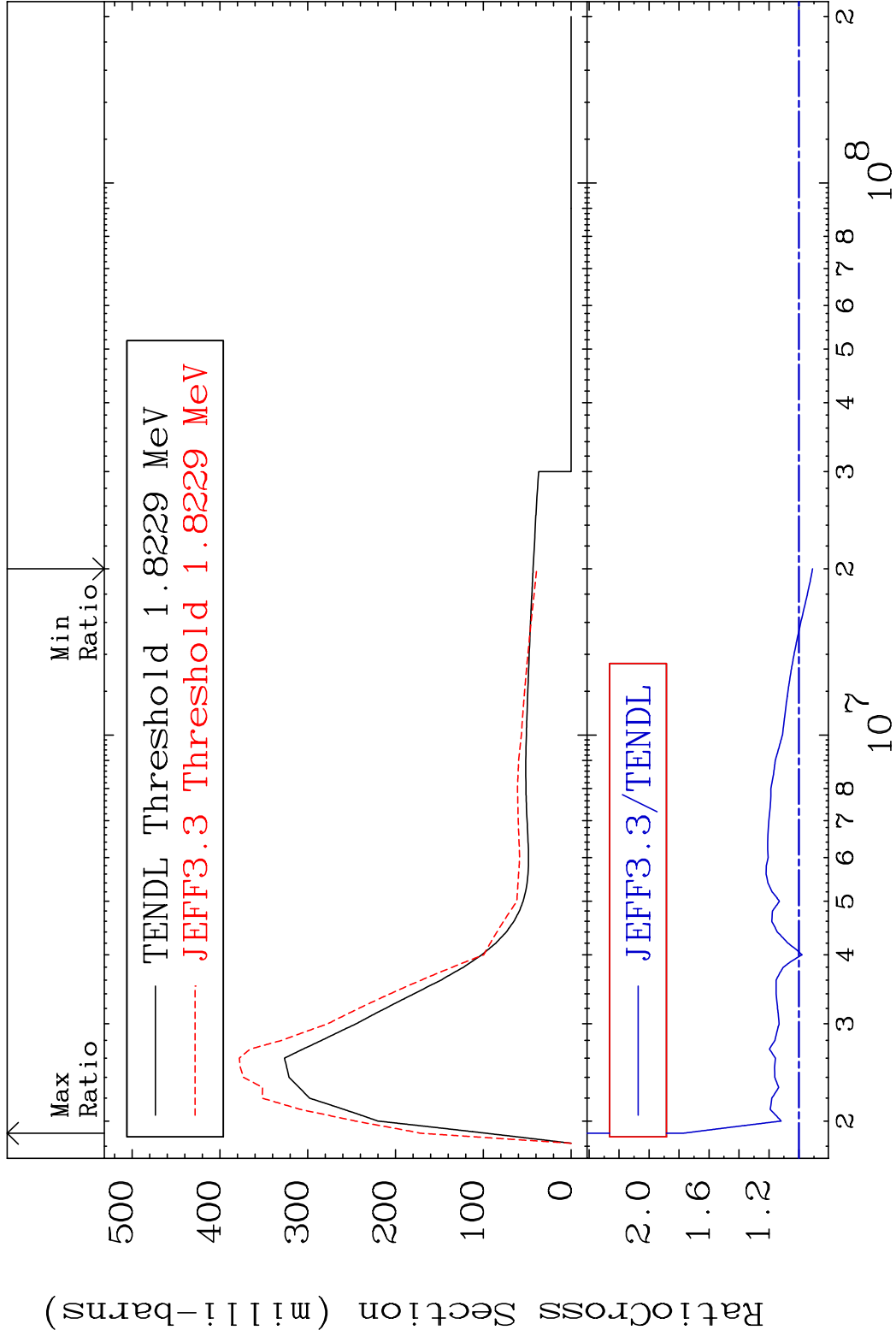


MAT 6225 MT= 51 (n,n') Level 62-Sm-144
Cross Section -100.0 To 12.86 %



10 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 52 (n,n') Level 62-Sm-144
Cross Section -9.082 To 77.78 %

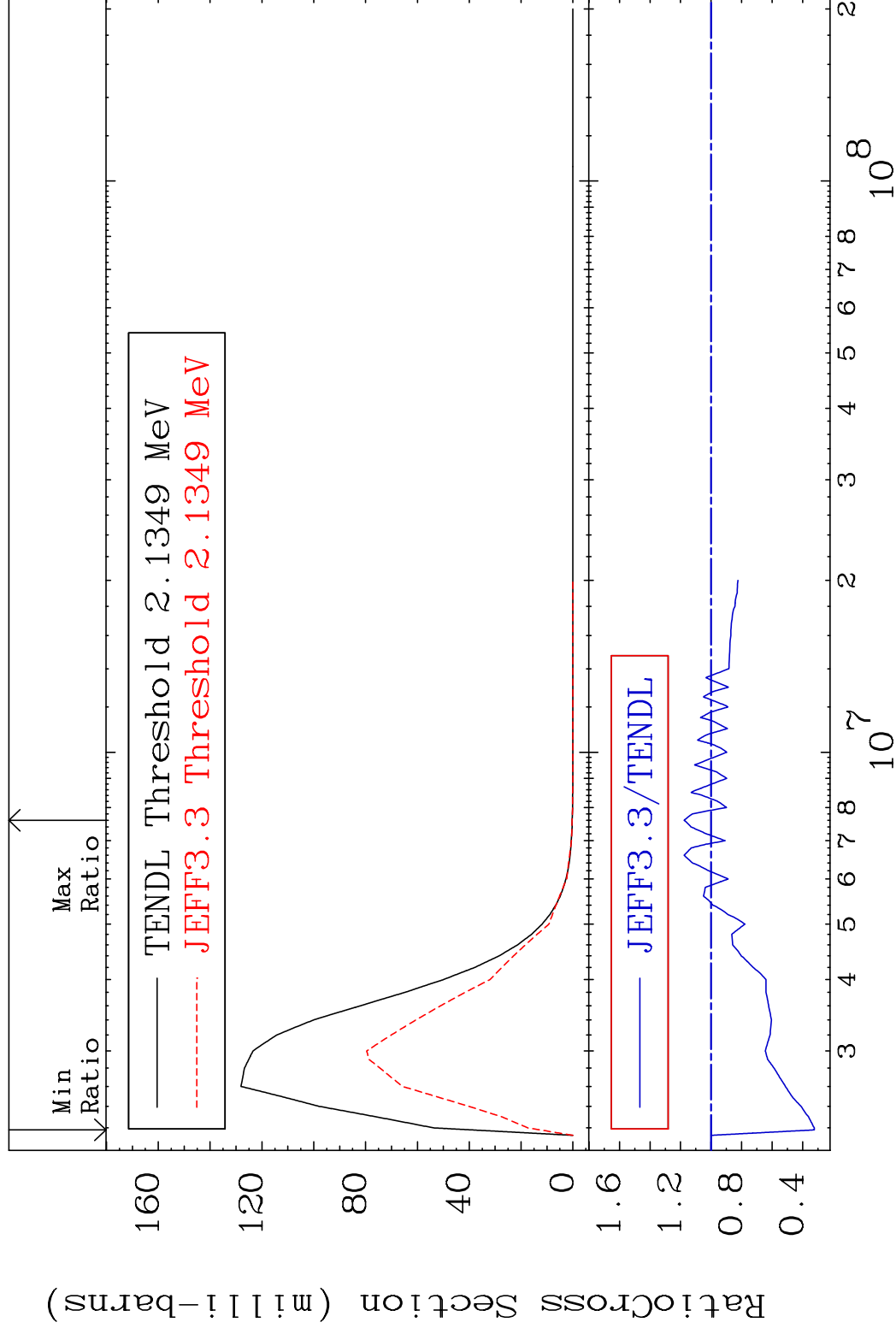


MAT 6225

MT= 53 (n, n') Level

62-Sm-144

Cross Section -67.62 To 17.70 %



12

Incident Energy (eV)

62-Sm-144

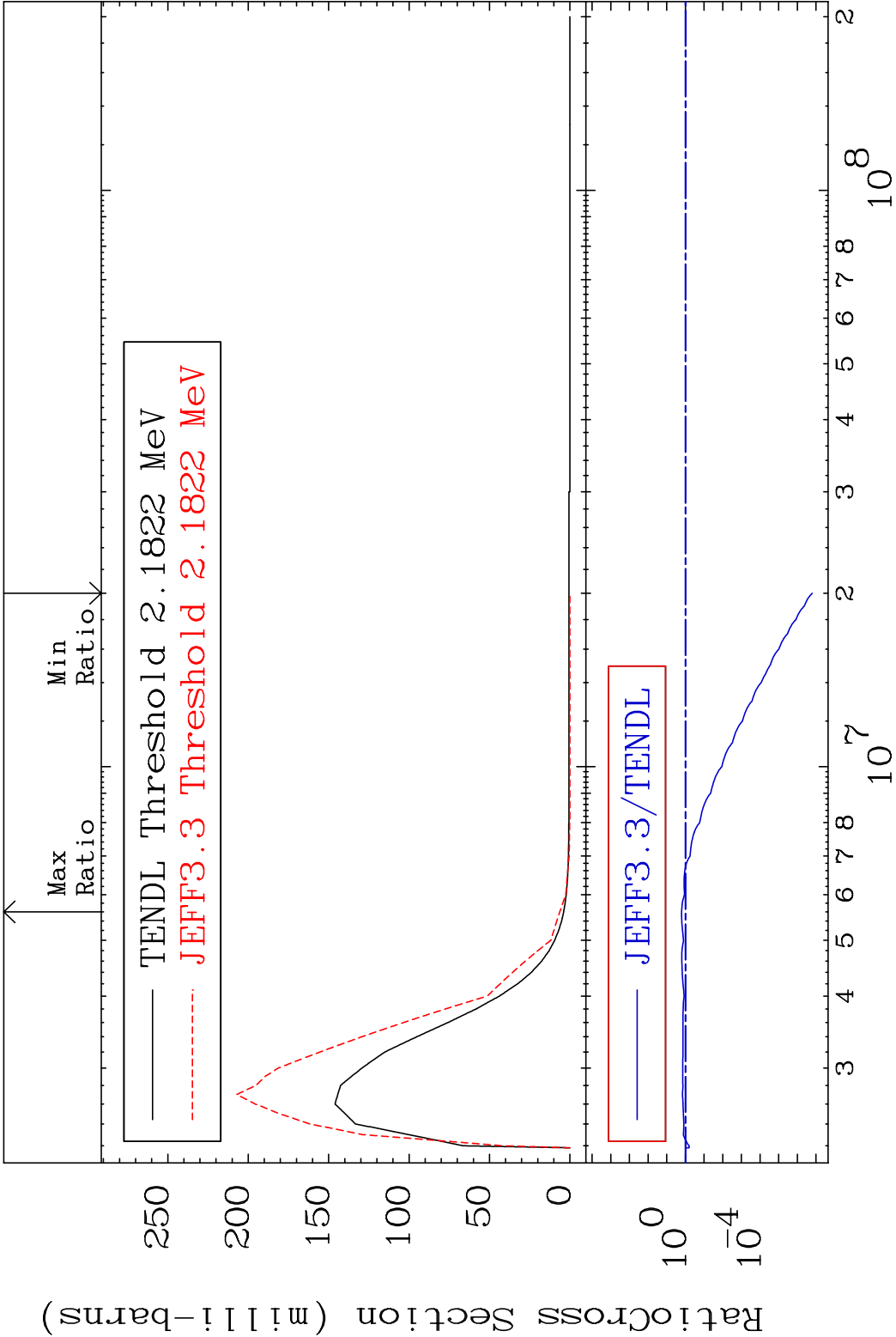
MAT 6225

MT= 54 (n,n') Level

62-Sm-144

Cross Section

-100.0 To 60.85 %



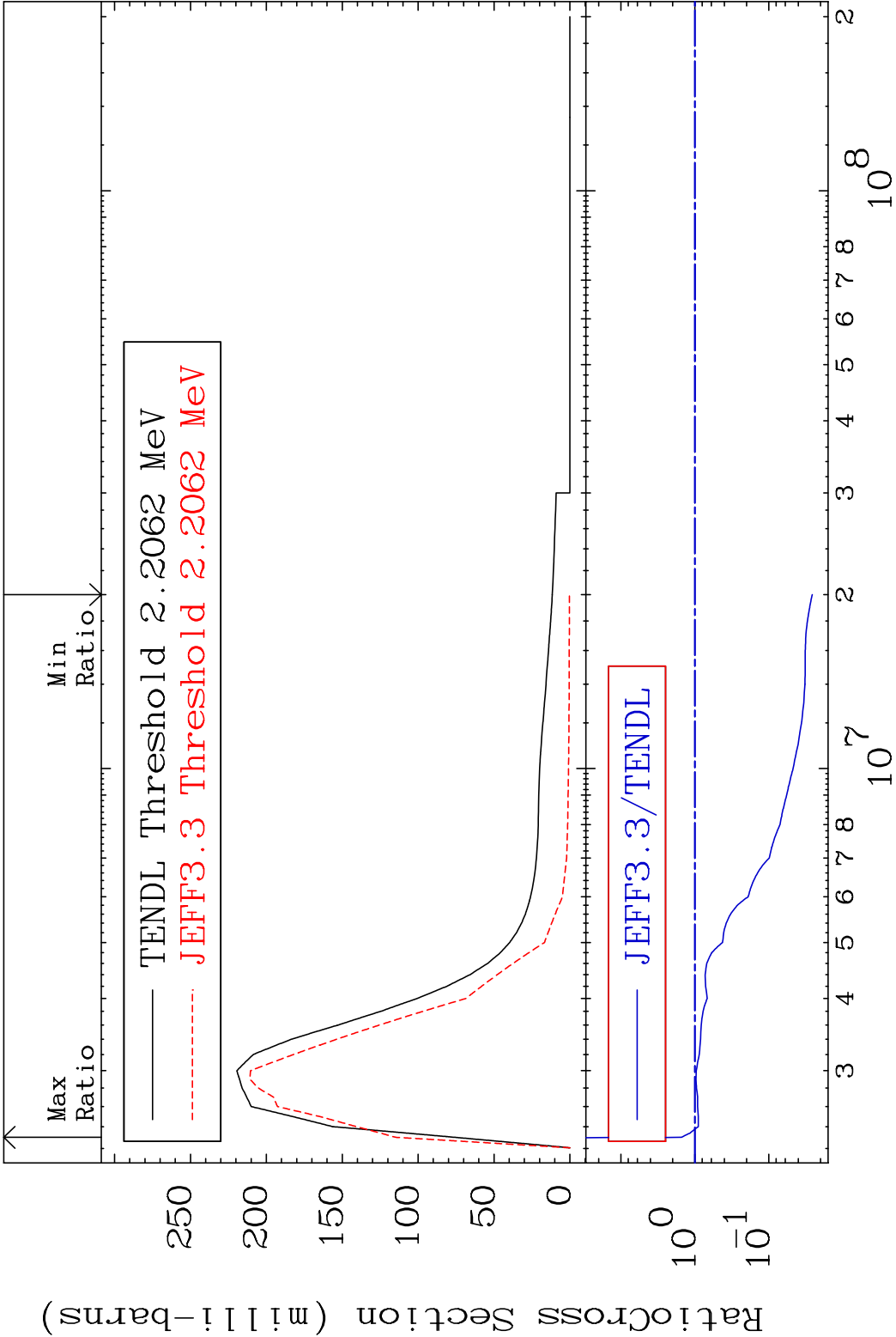
MAT 6225

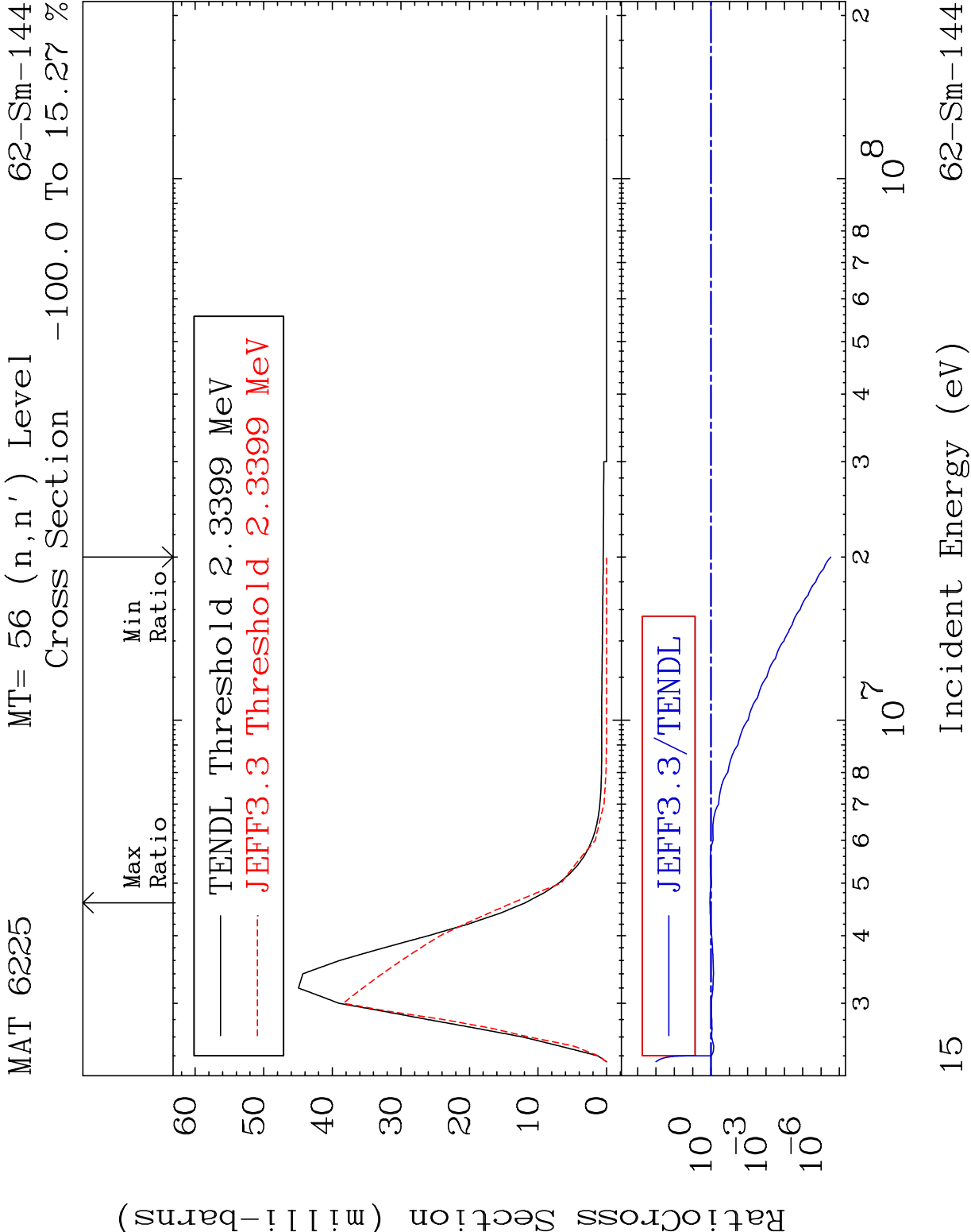
MT= 55 (n,n') Level

62-Sm-144

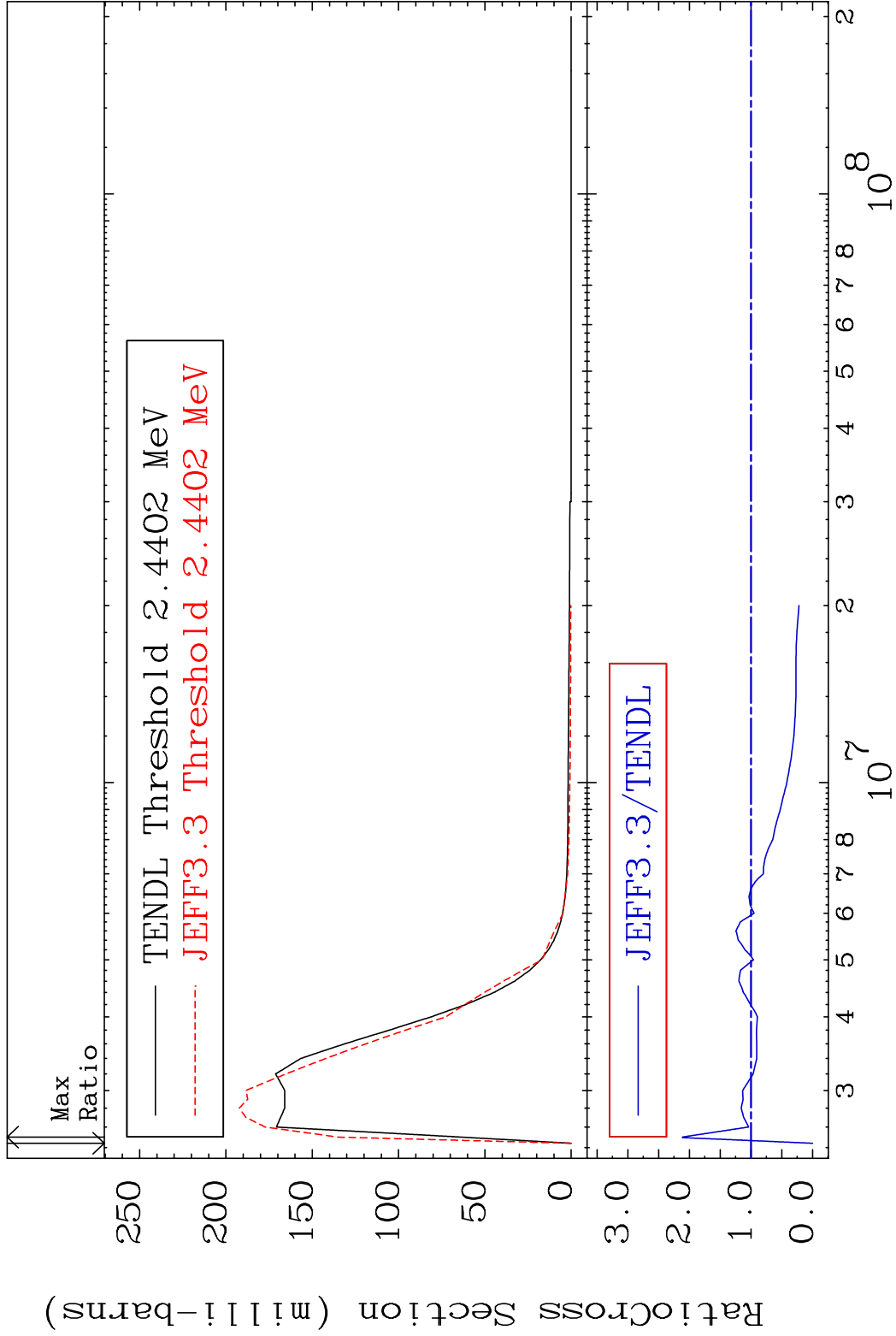
Cross Section

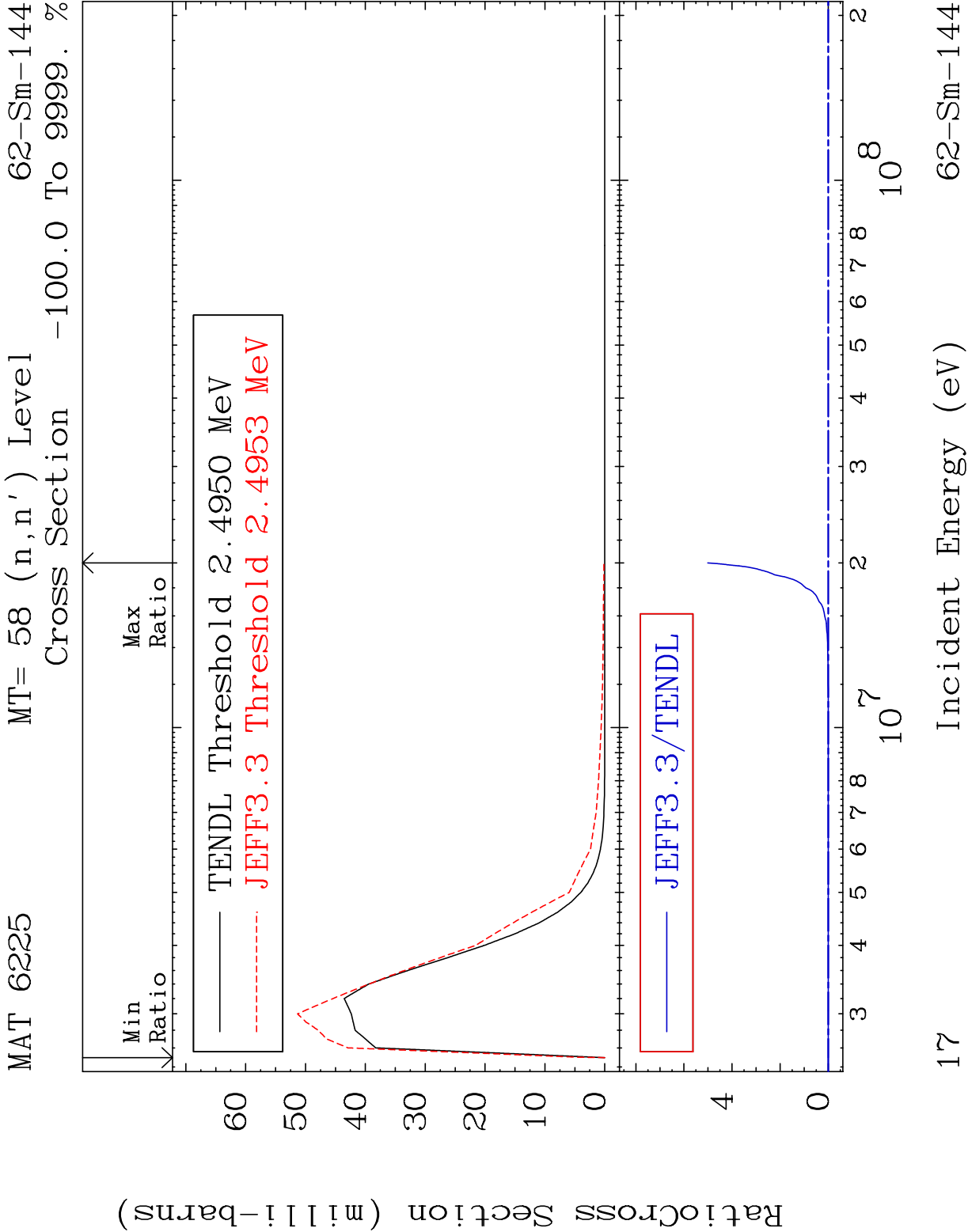
-97.41 To 51.69 %



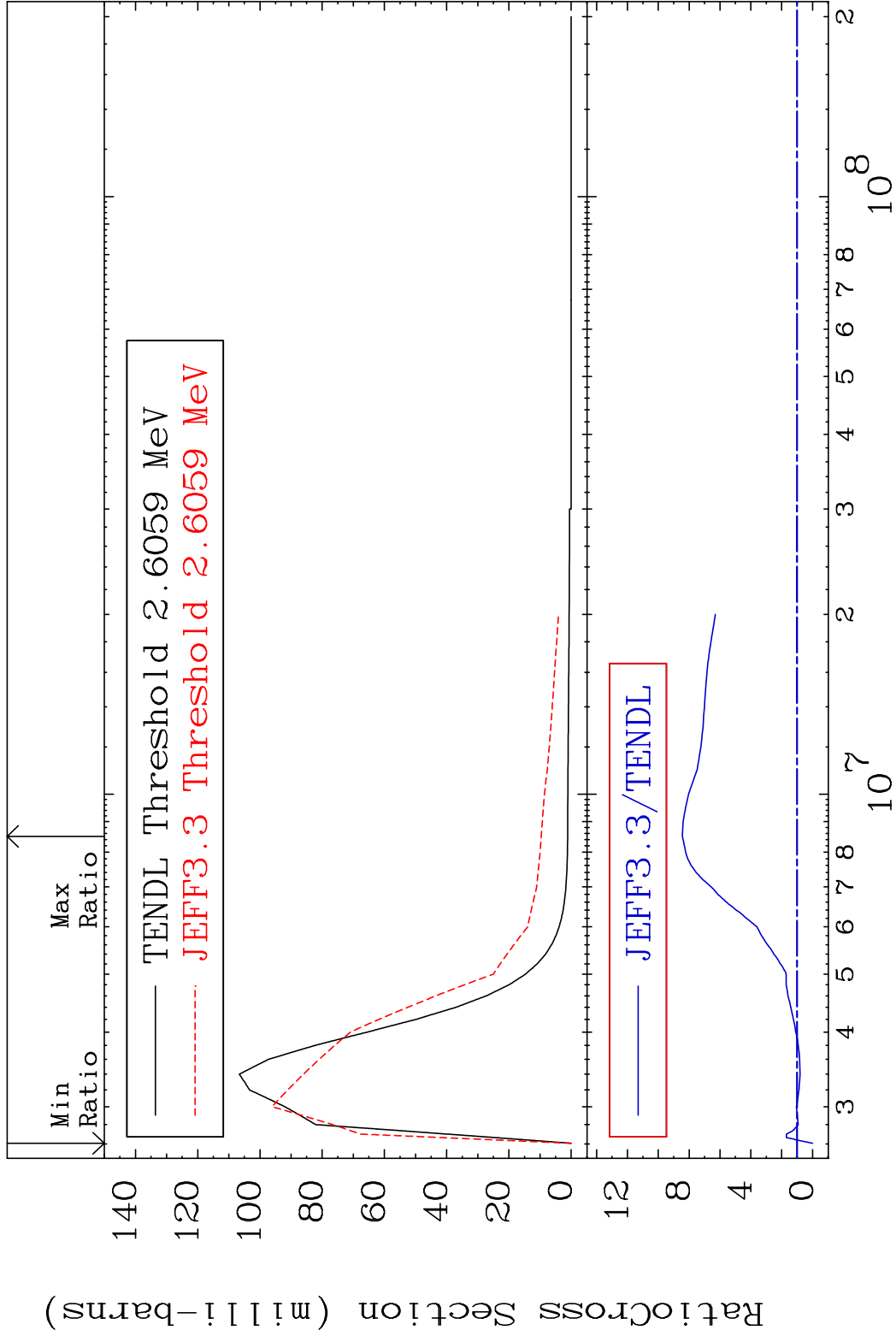


MAT 6225 MT= 57 (n,n') Level 62-Sm-144
Cross Section -100.0 To 111.5 %

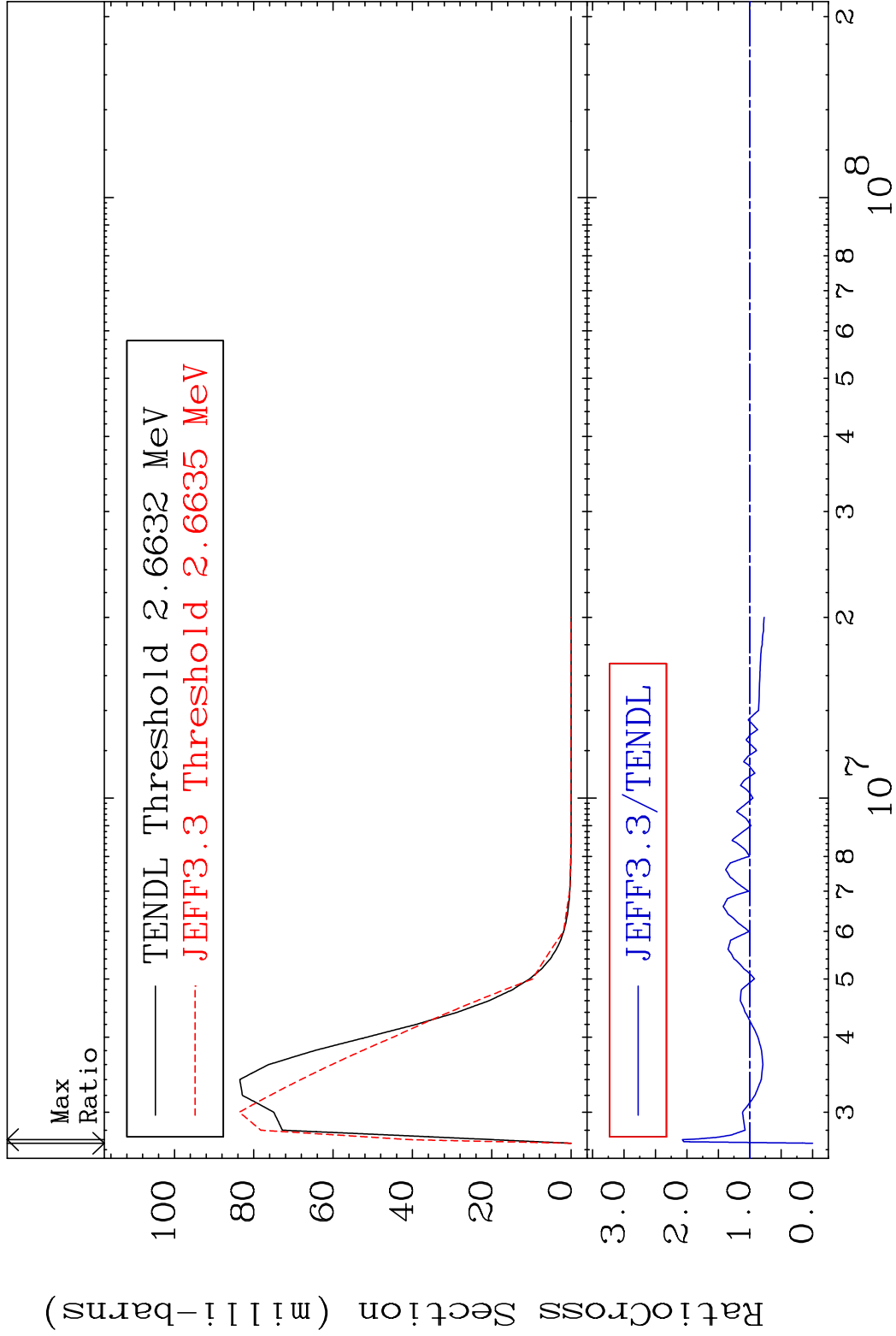




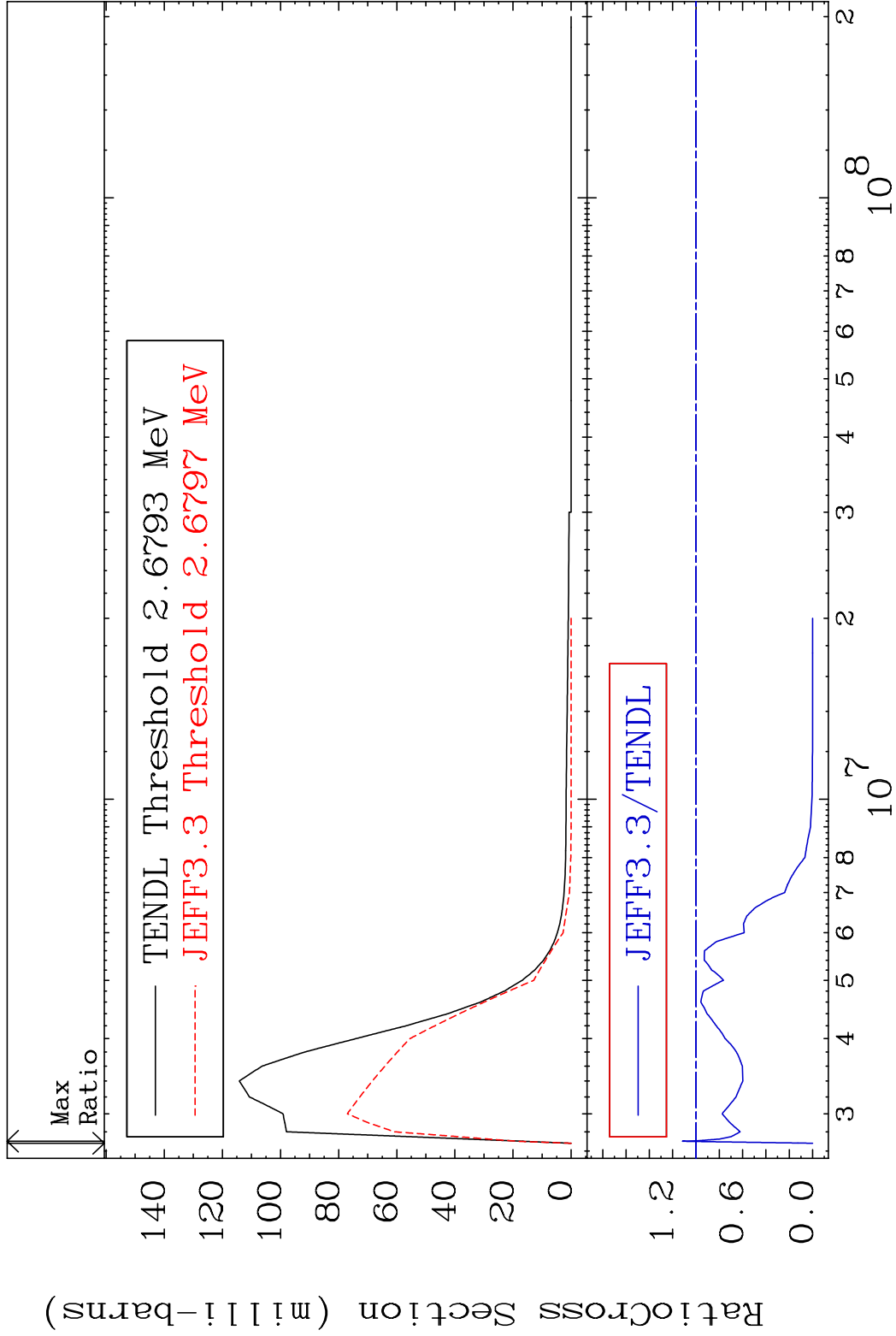
MAT 6225 MT= 59 (n,n') Level 62-Sm-144
Cross Section -100.0 To 743.8 %



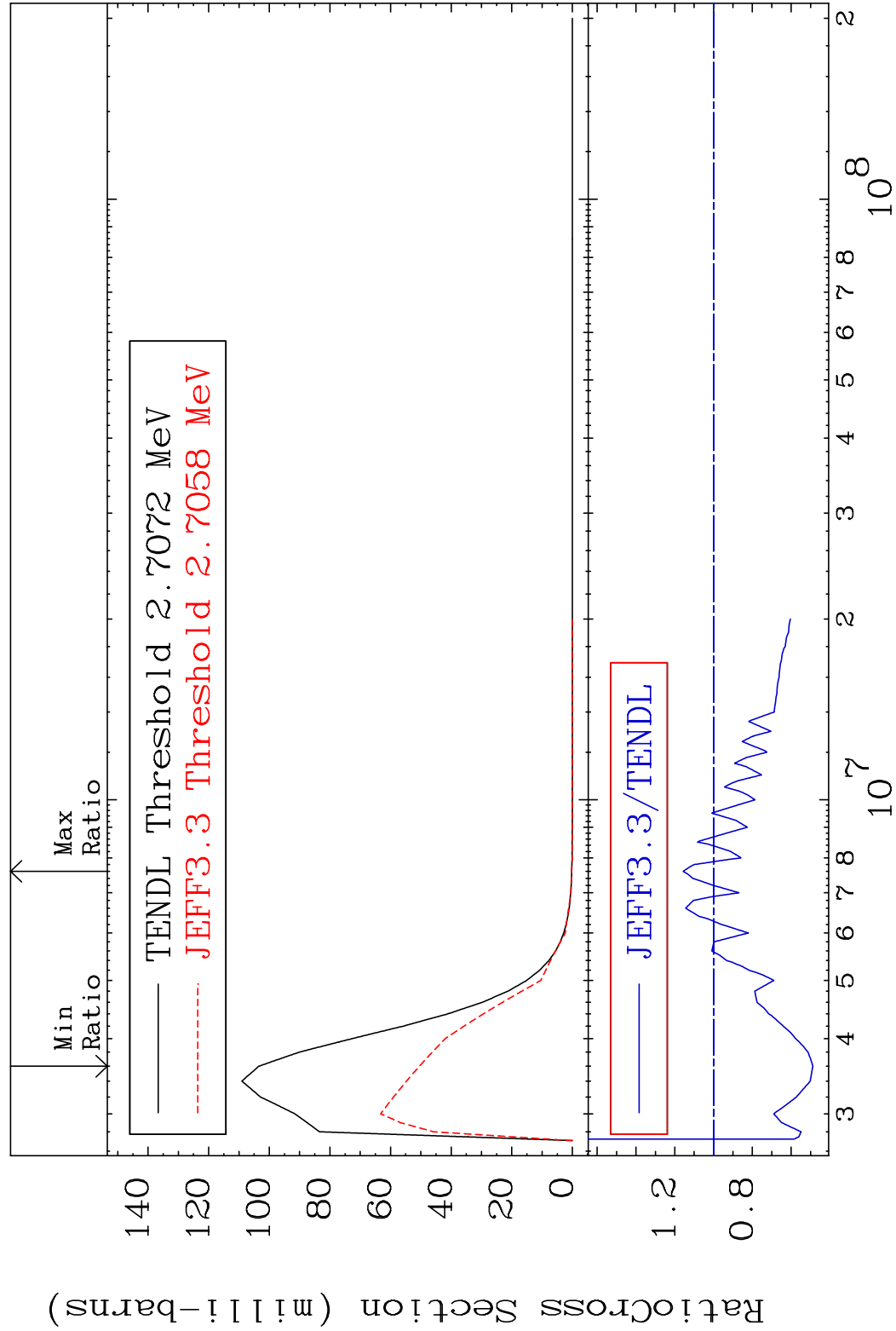
MAT 6225 MT= 60 (n,n') Level 62-Sm-144
Cross Section -100.0 To 107.2 %

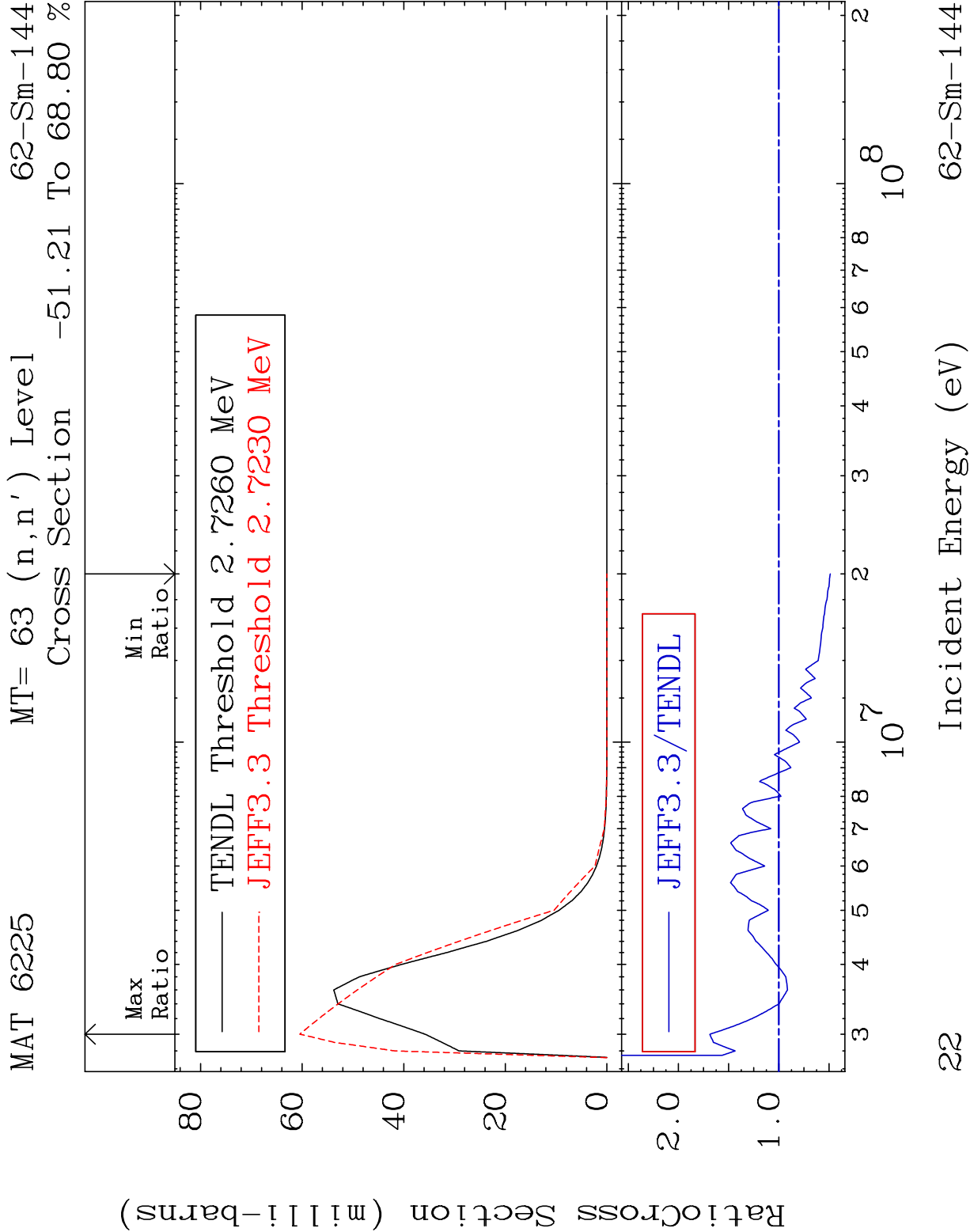


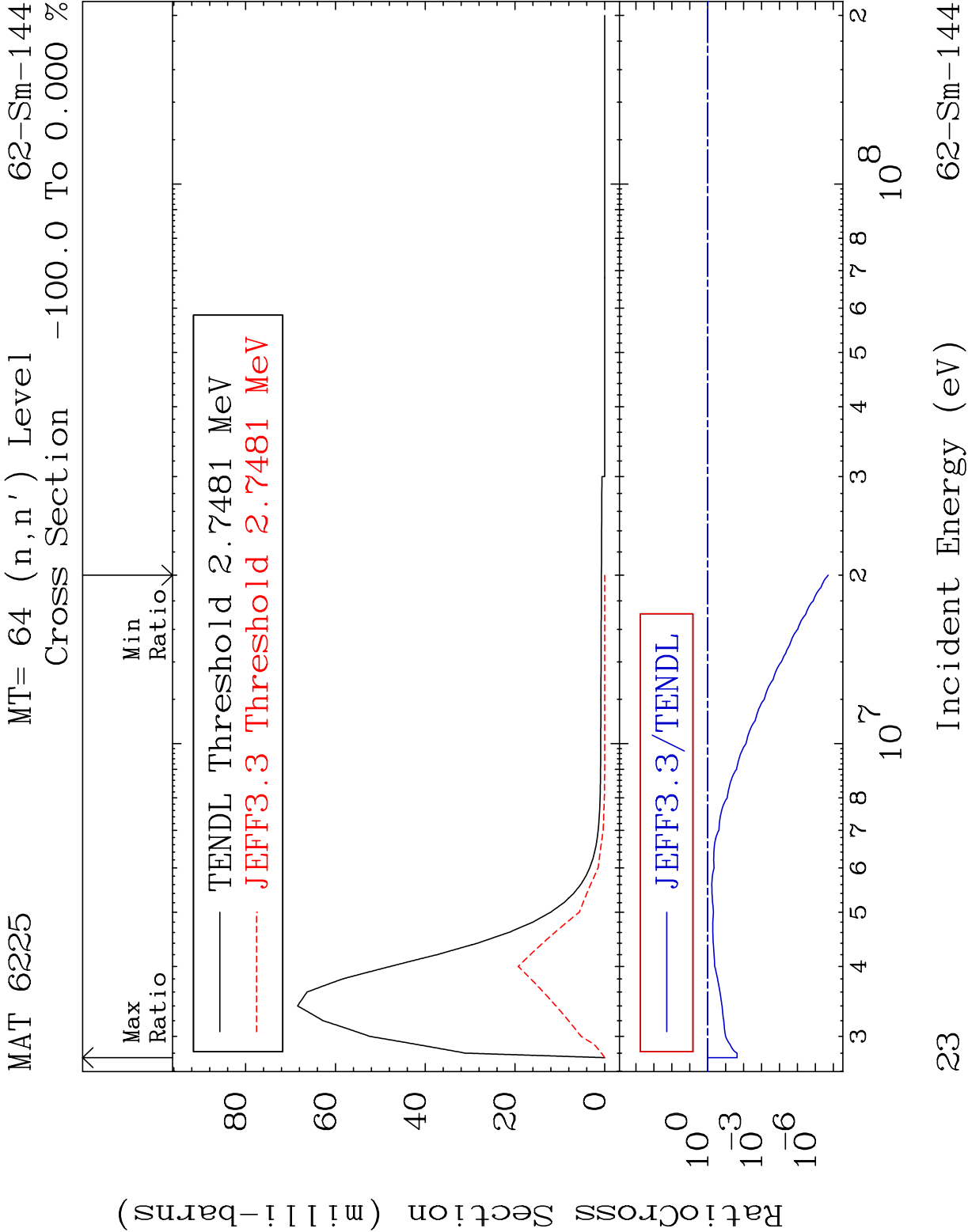
MAT 6225 MT= 61 (n,n') Level 62-Sm-144
Cross Section -100.0 To 11.71 %



MAT 6225 MT= 62 (n,n') Level 62-Sm-144
 Cross Section -51.20 To 15.68 %







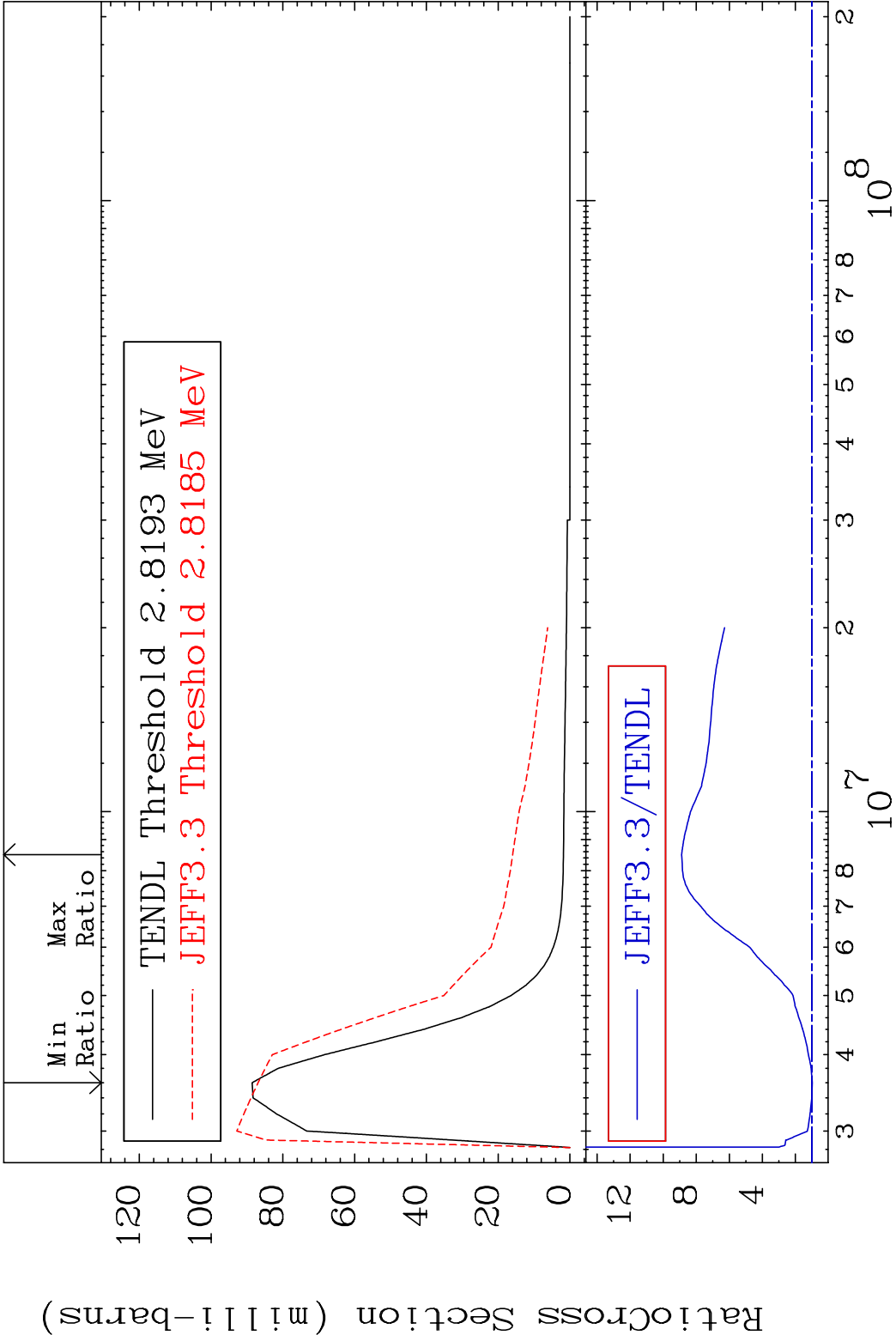
MAT 6225

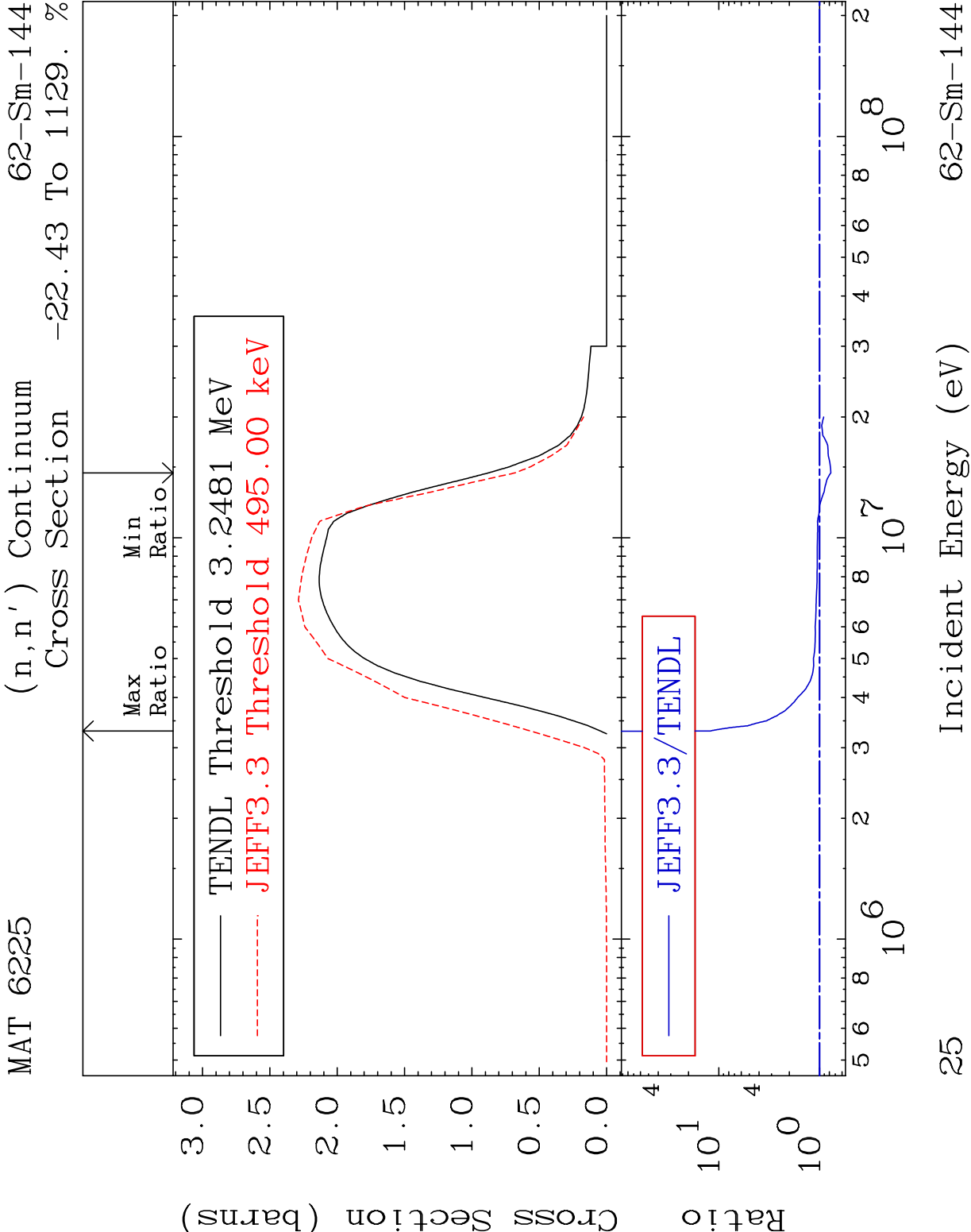
MT= 65 (n,n') Level

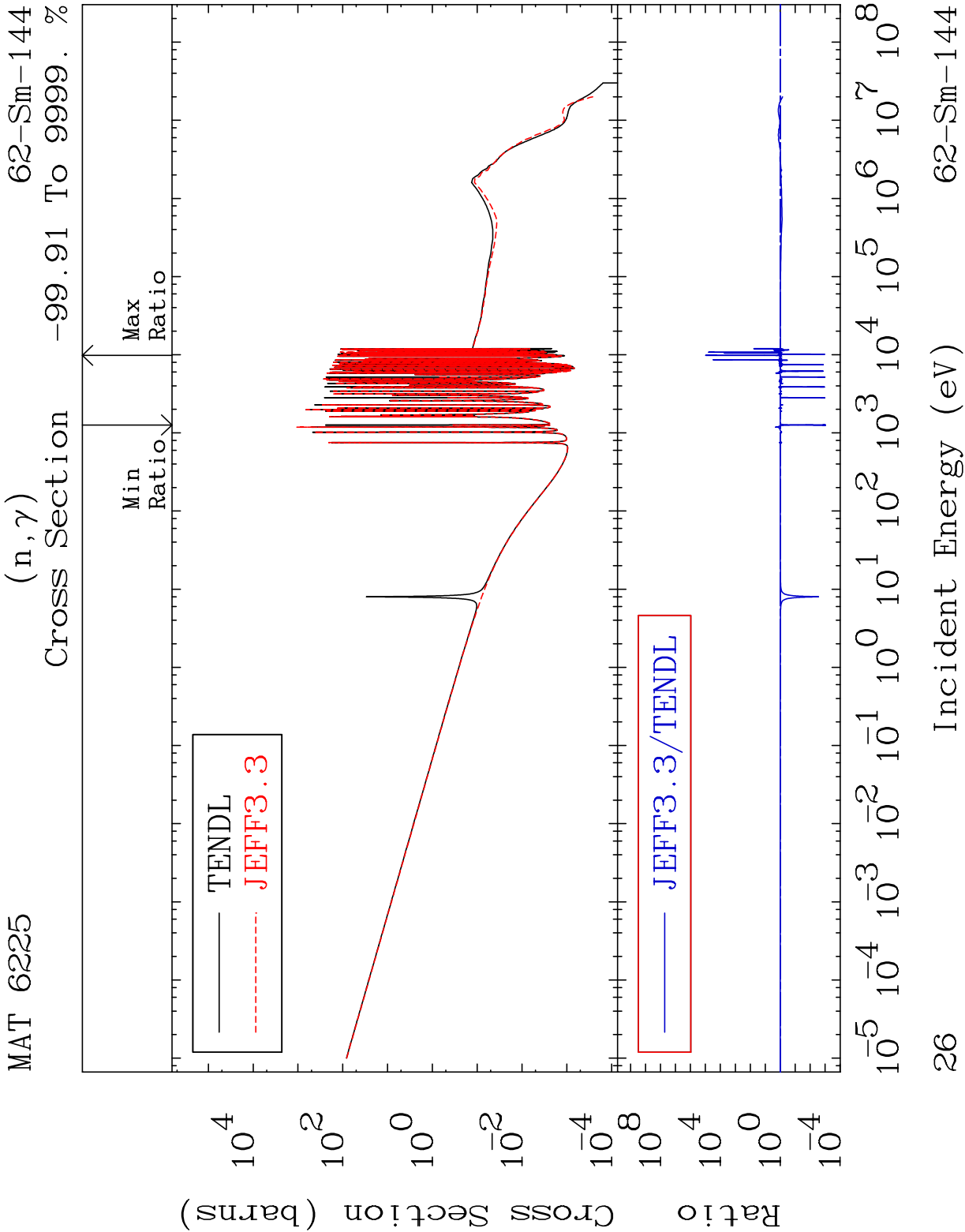
62-Sm-144

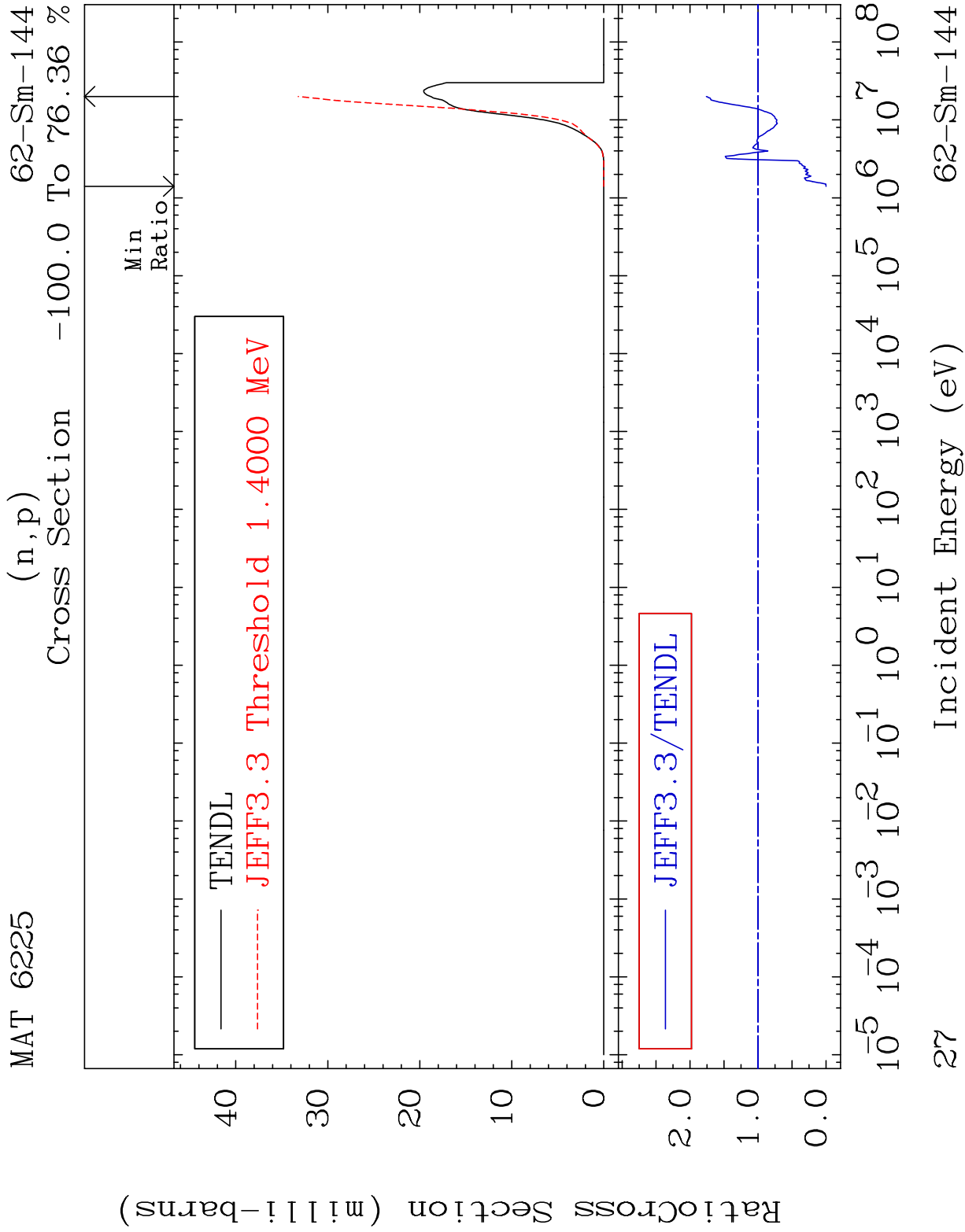
Cross Section

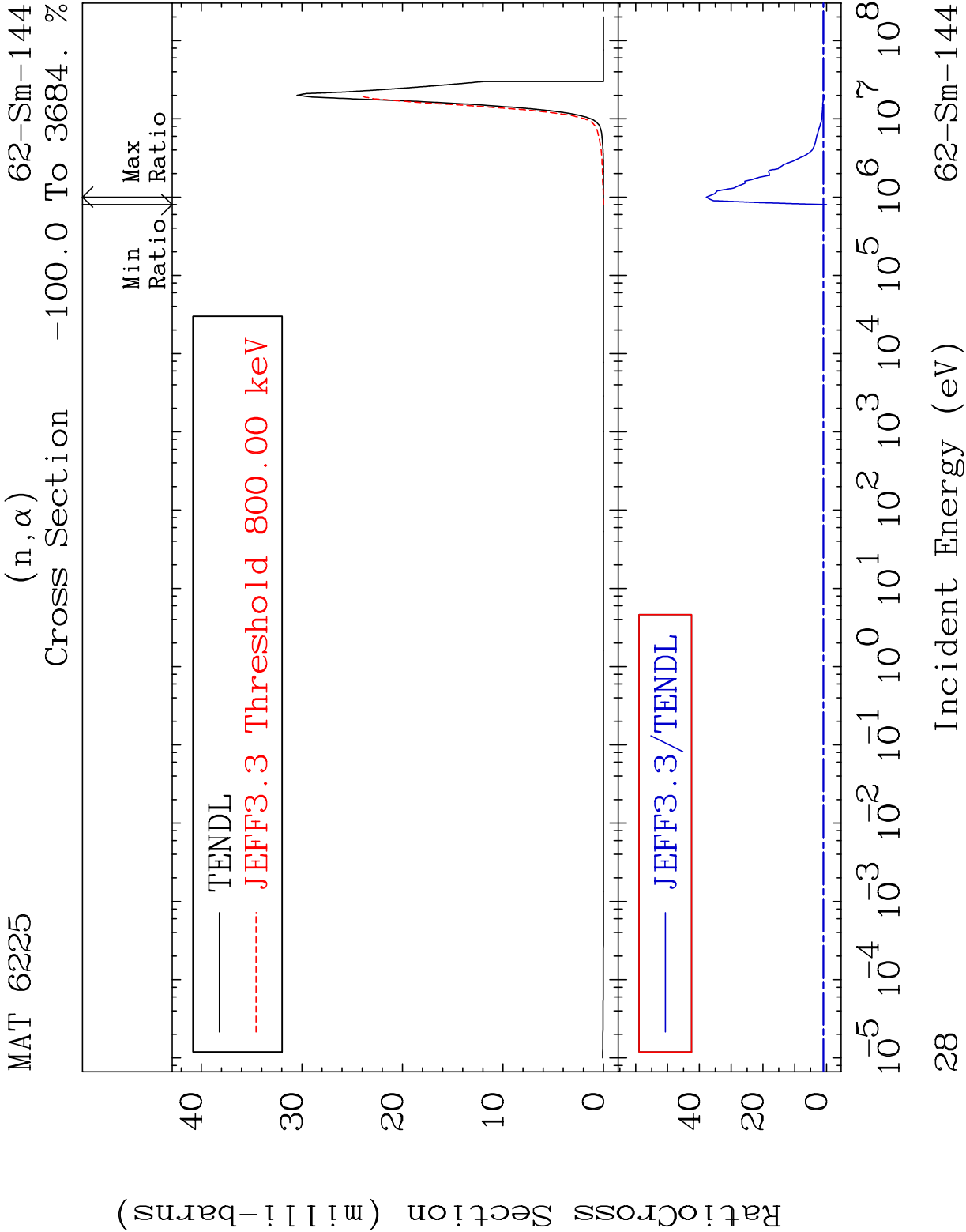
-1.853 To 789.2 %



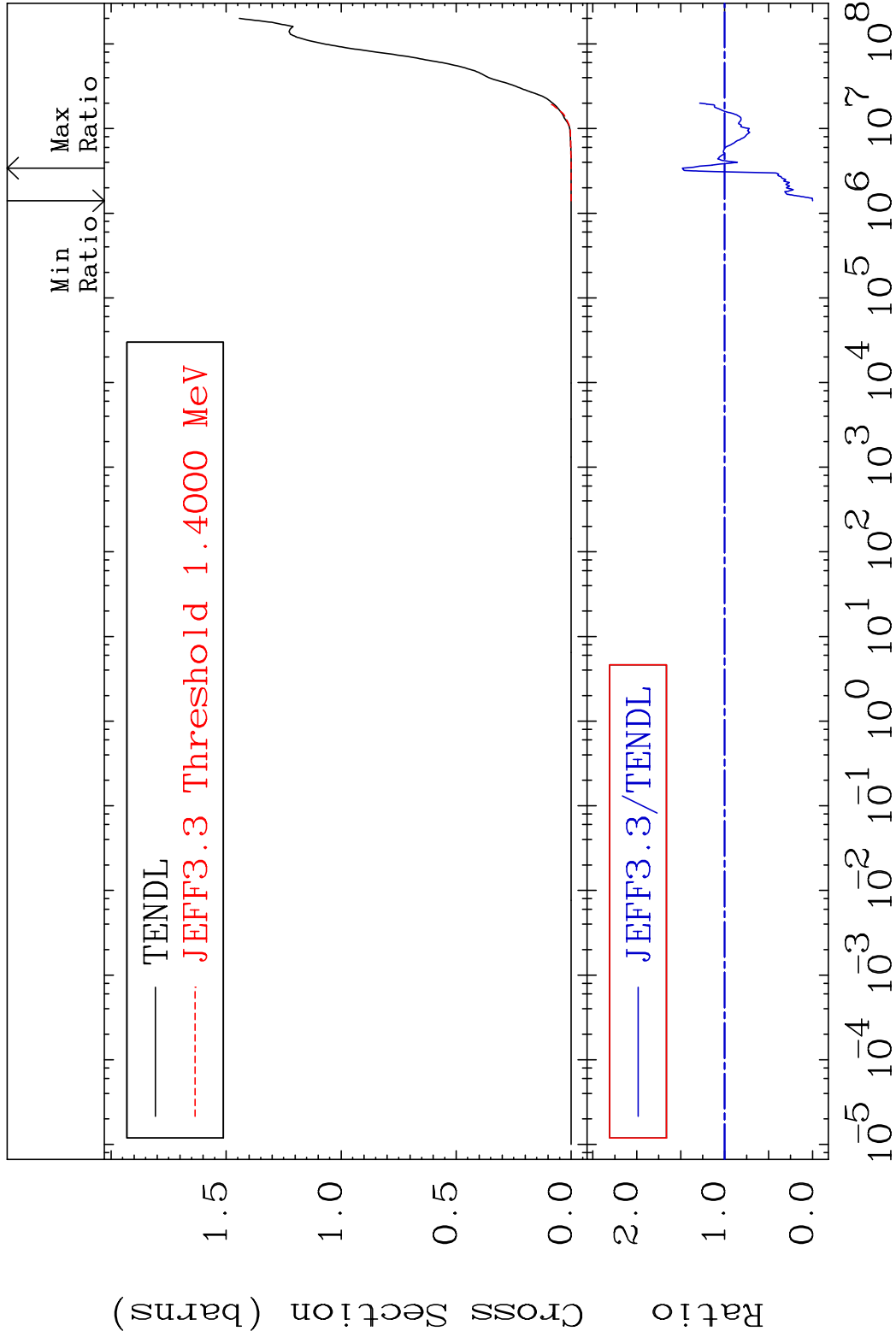




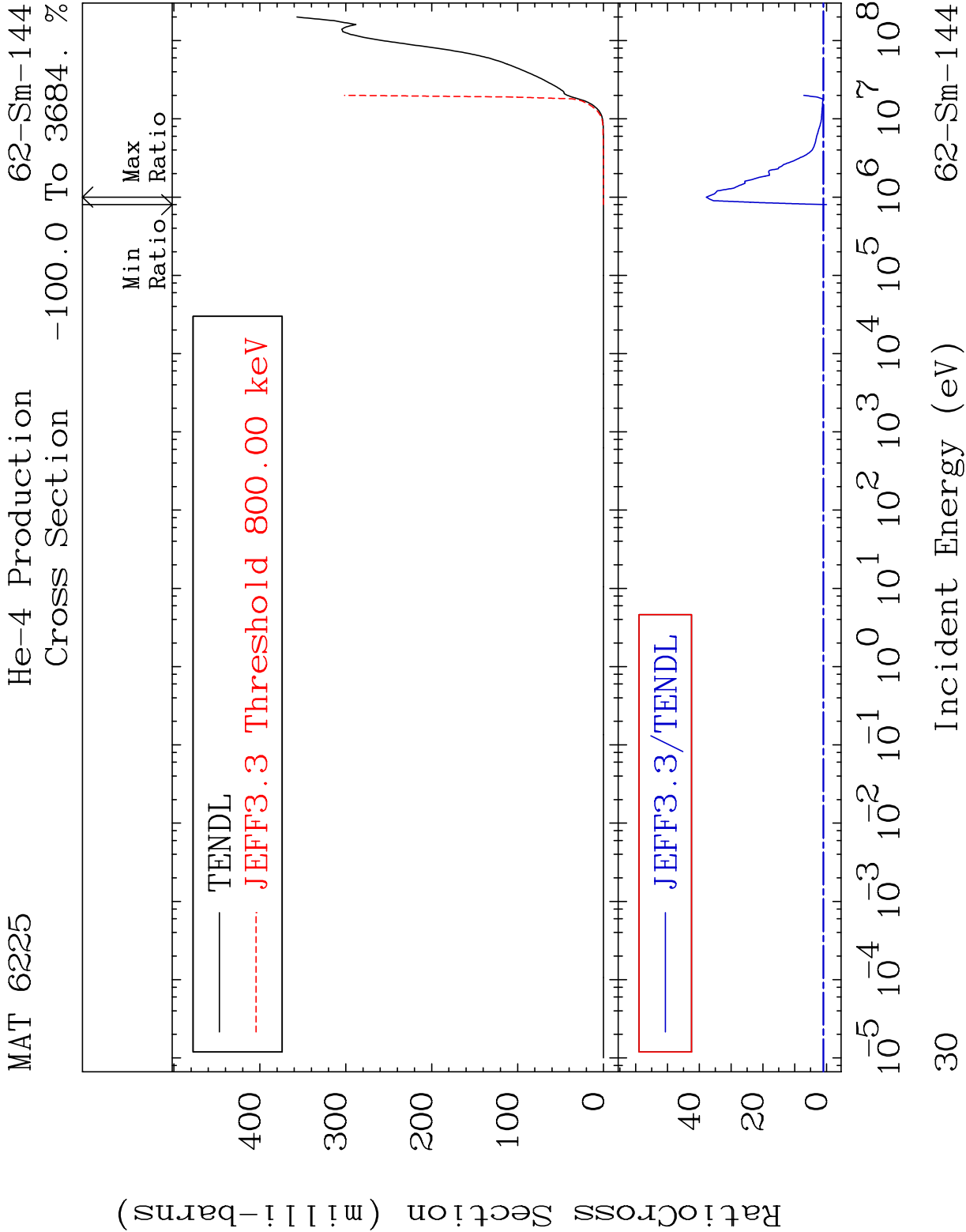


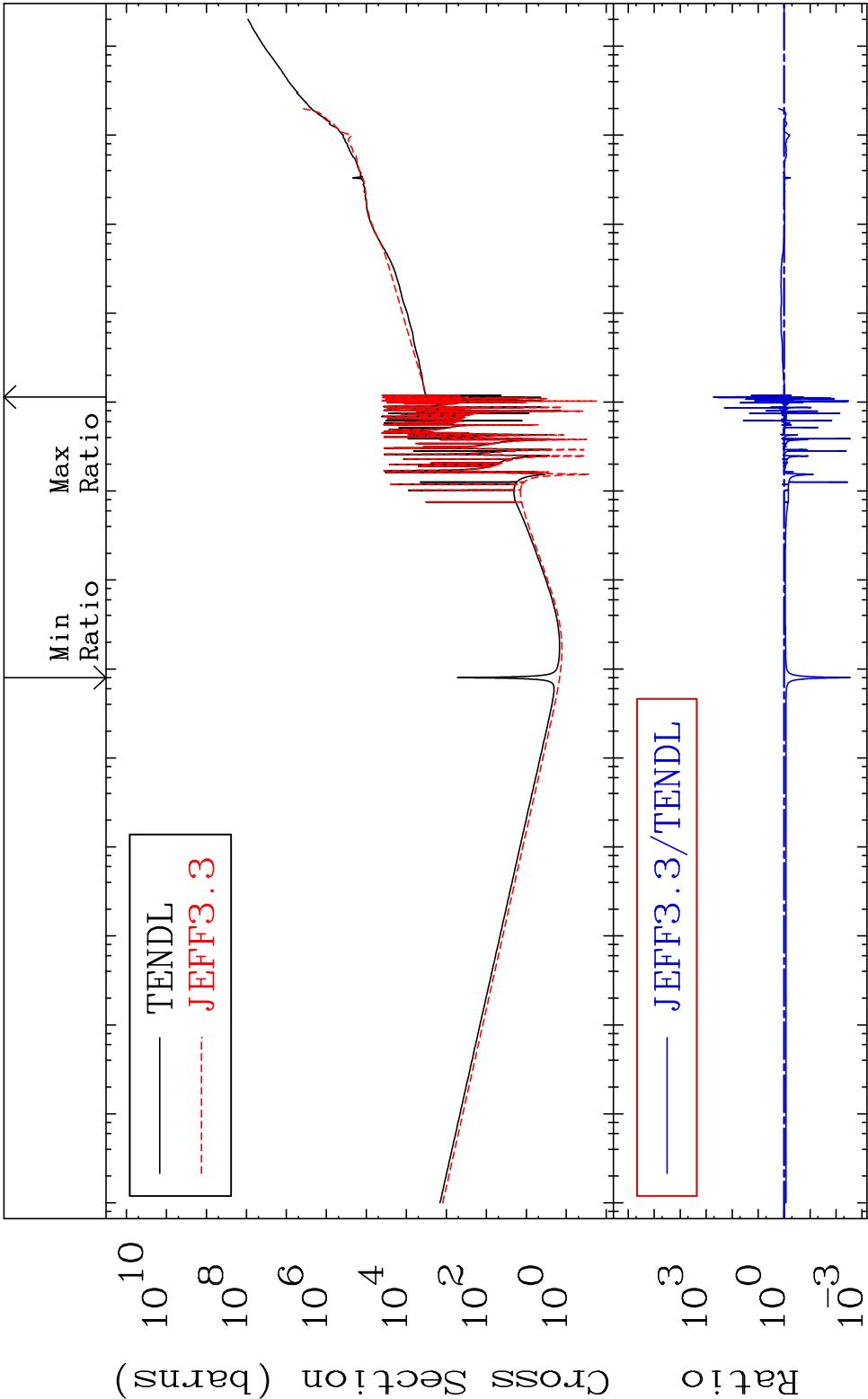


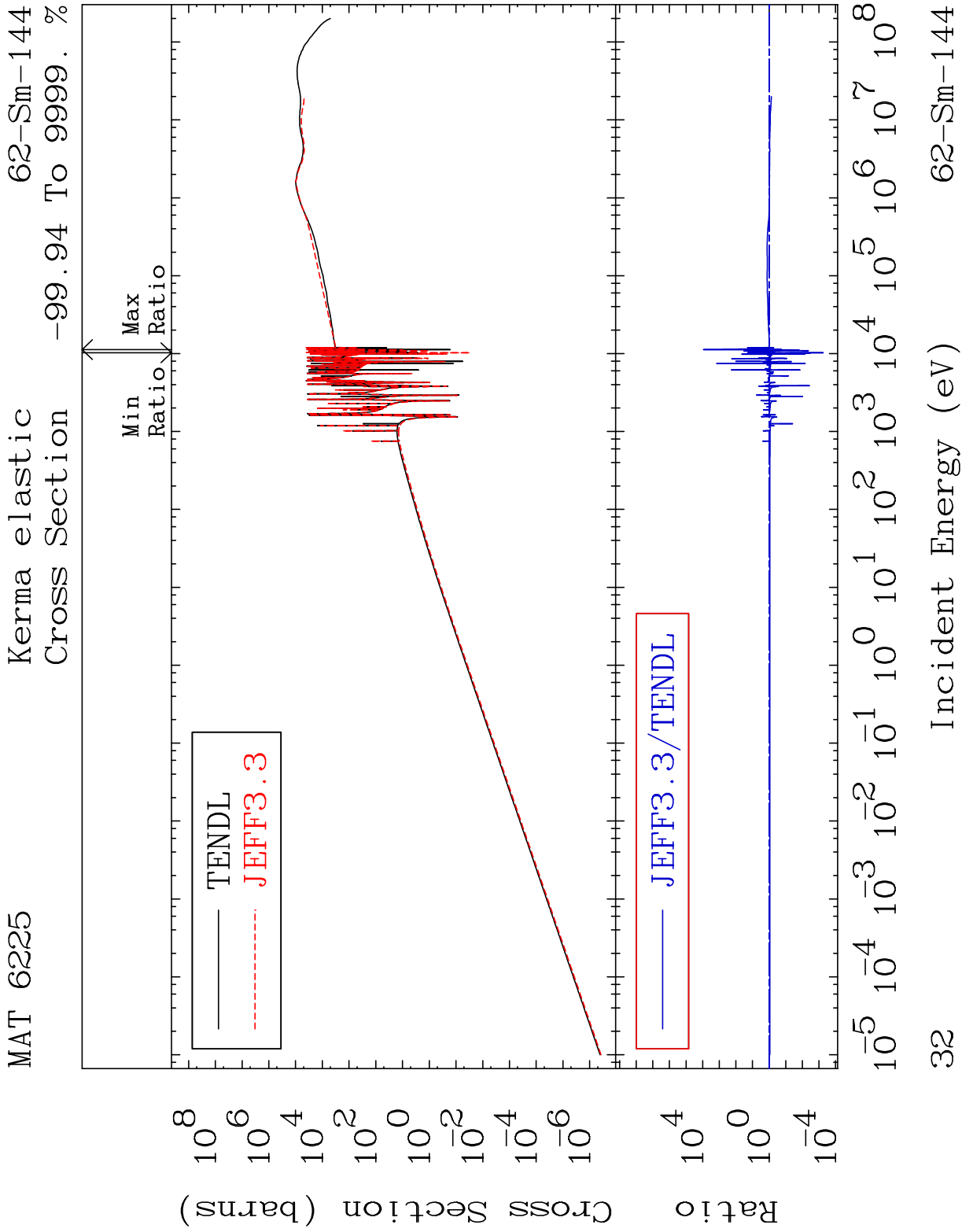
MAT 6225 Hydrogen Production 62-Sm-144
Cross Section -100.0 To 48.16 %



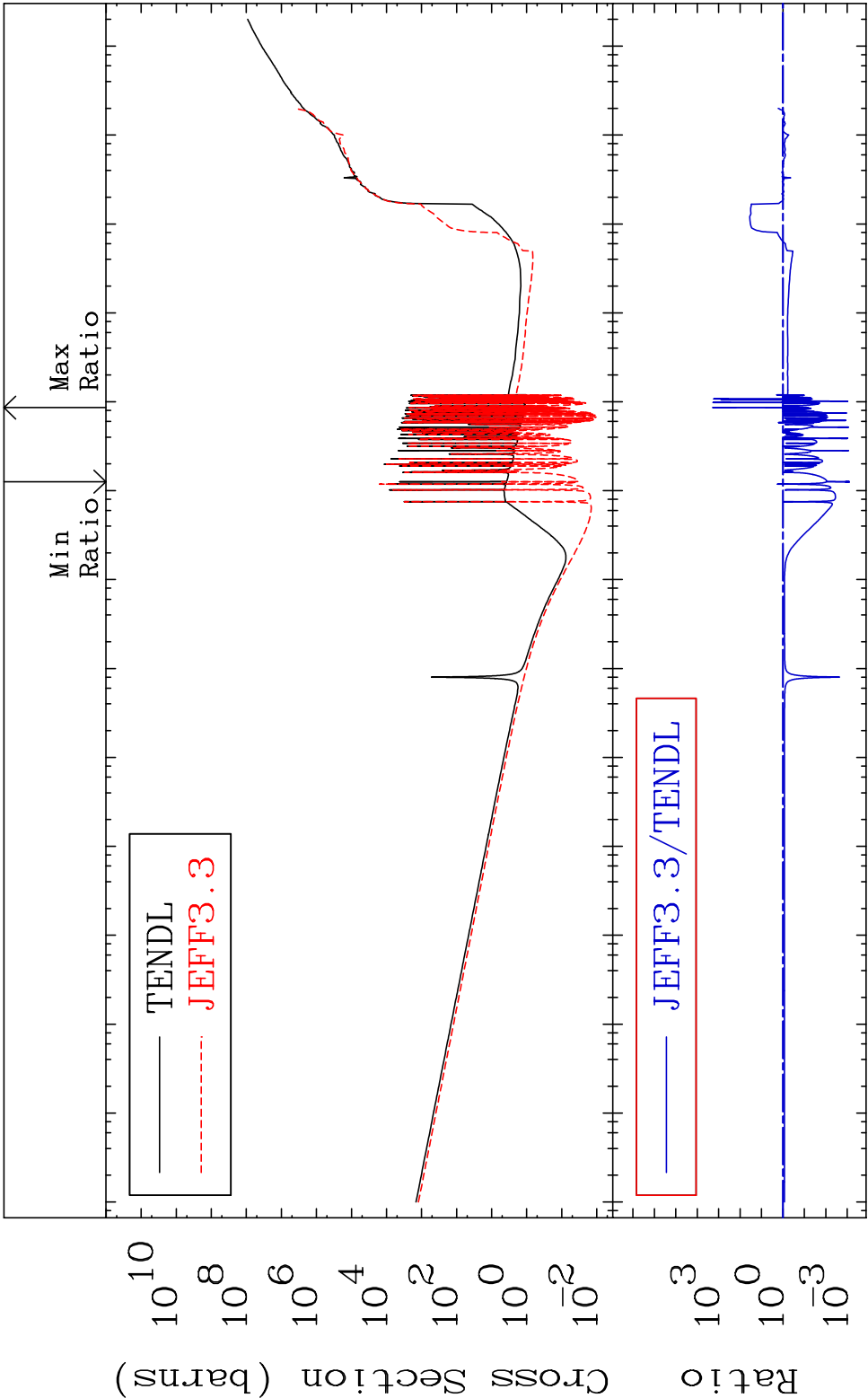
29 Incident Energy (eV) 62-Sm-144



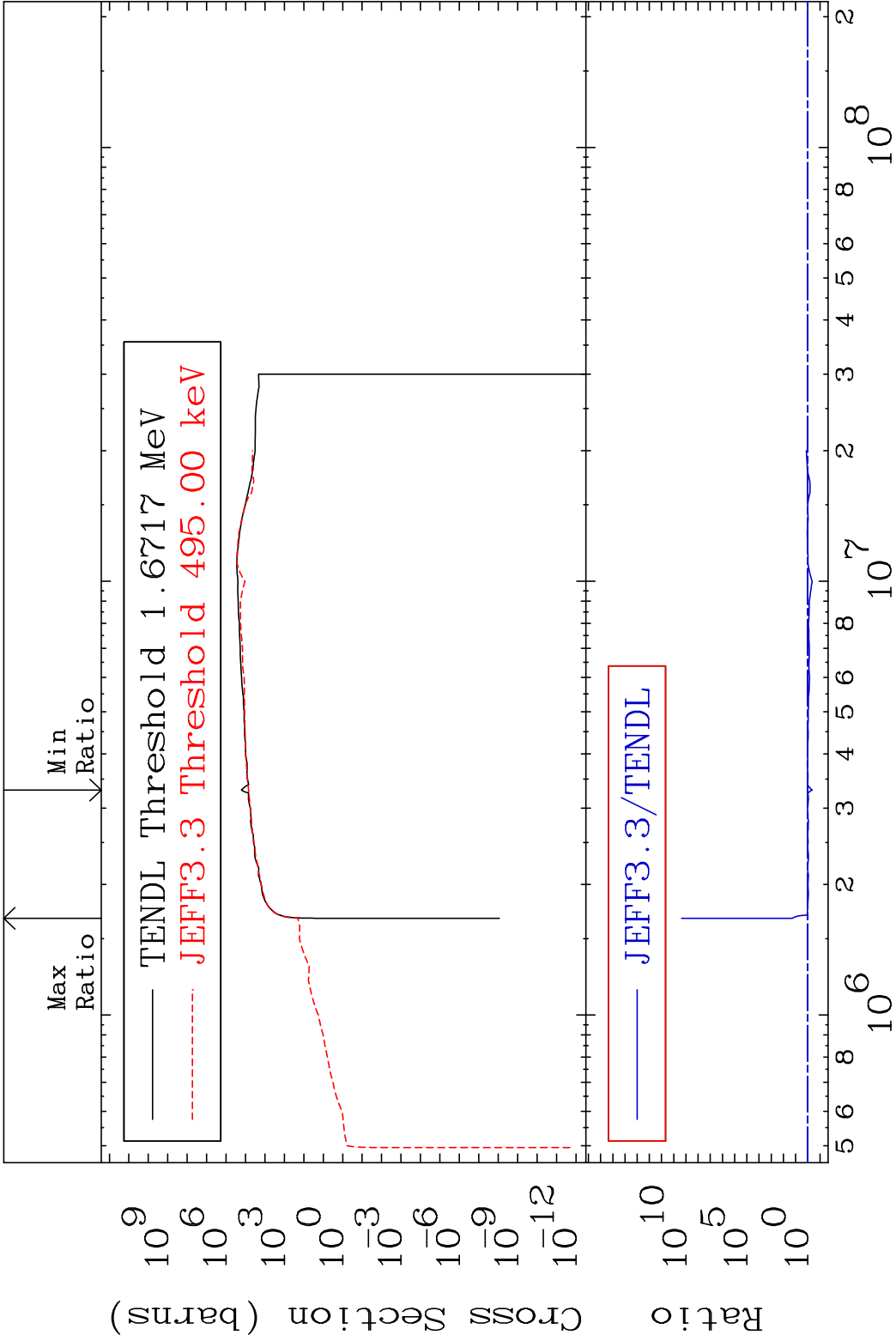




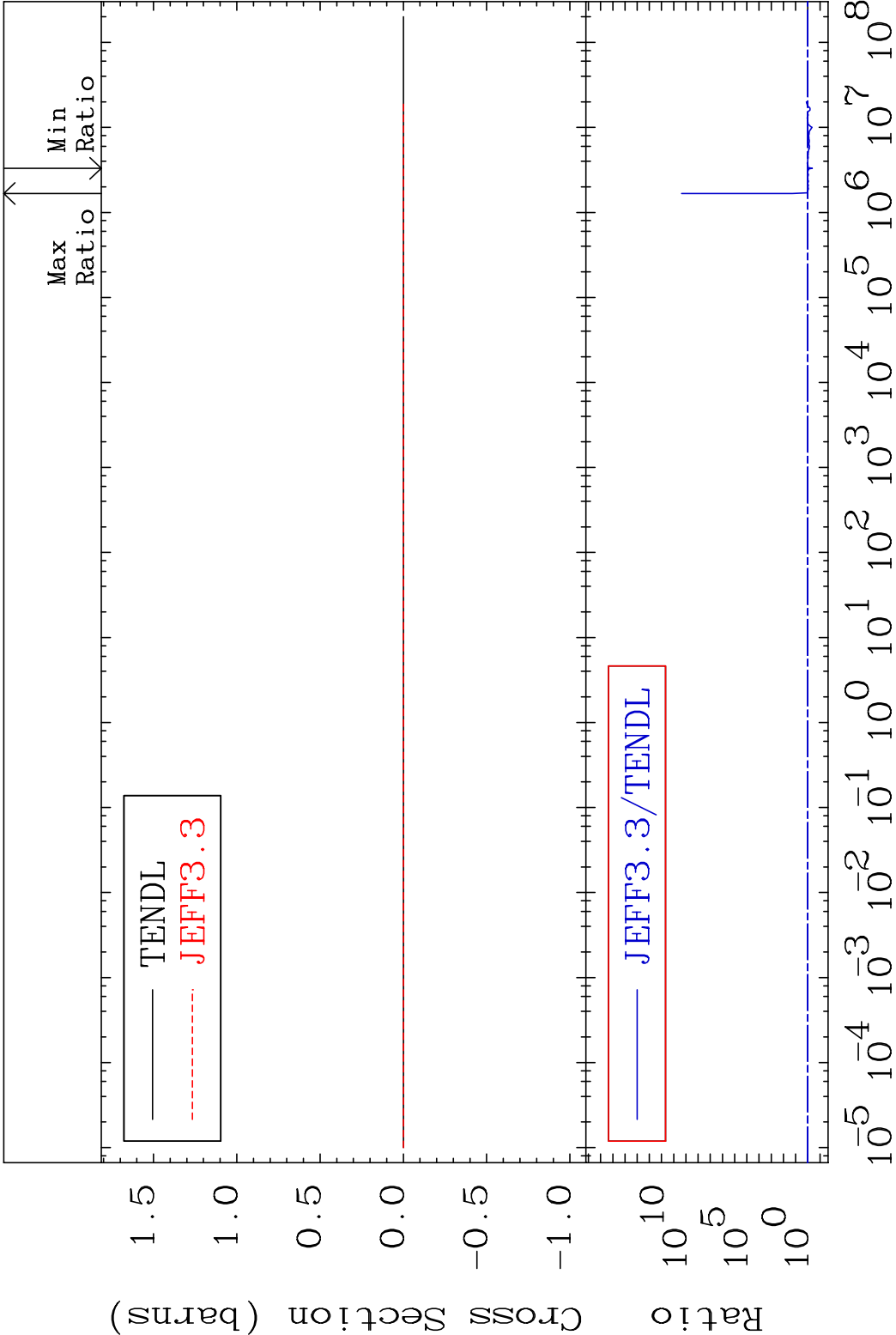
MAT 6225 Kerma non-elastic (all but mt2) 62-Sm-144
Cross Section -99.92 To 9999. %

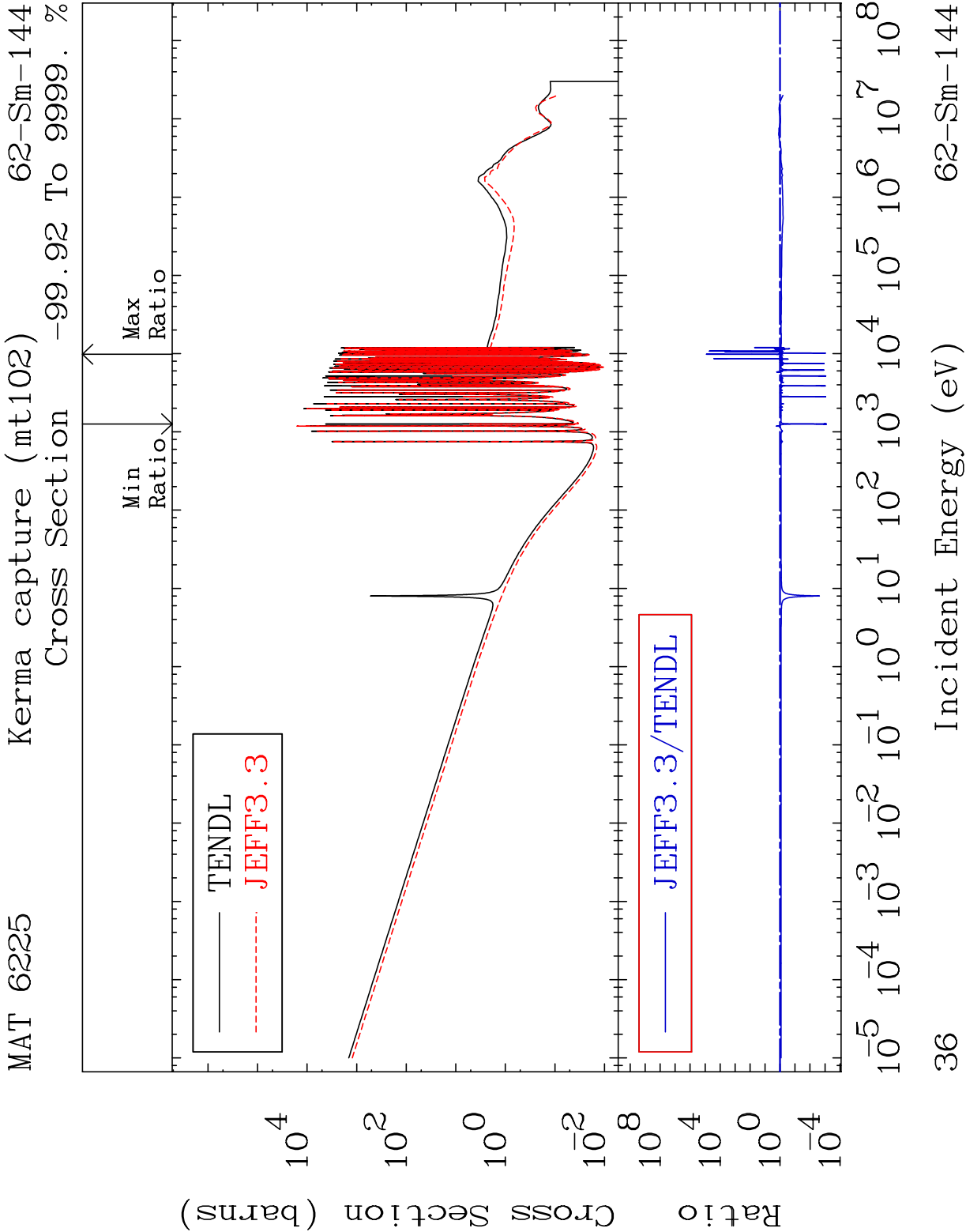


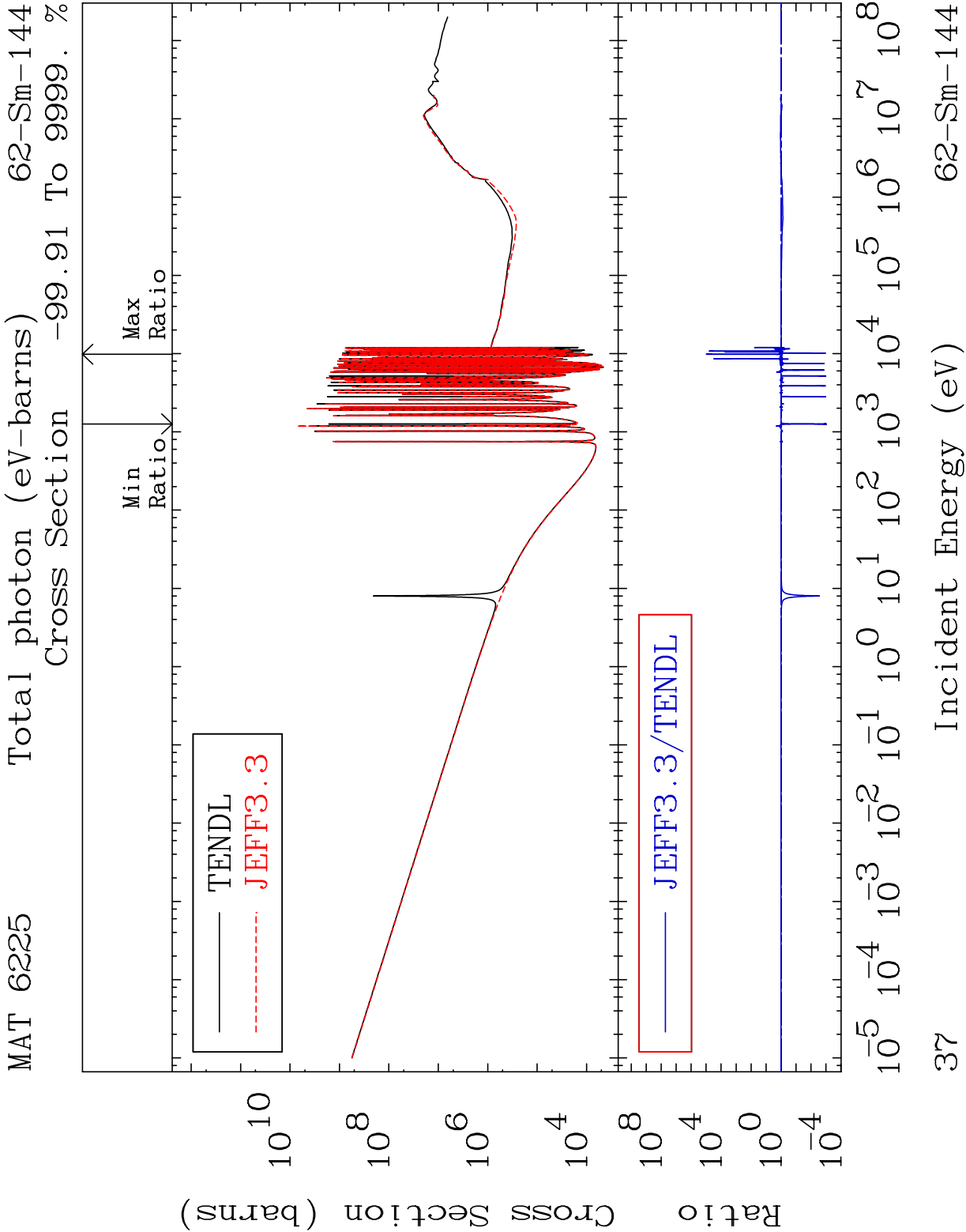
33 Incident Energy (eV) 62-Sm-144



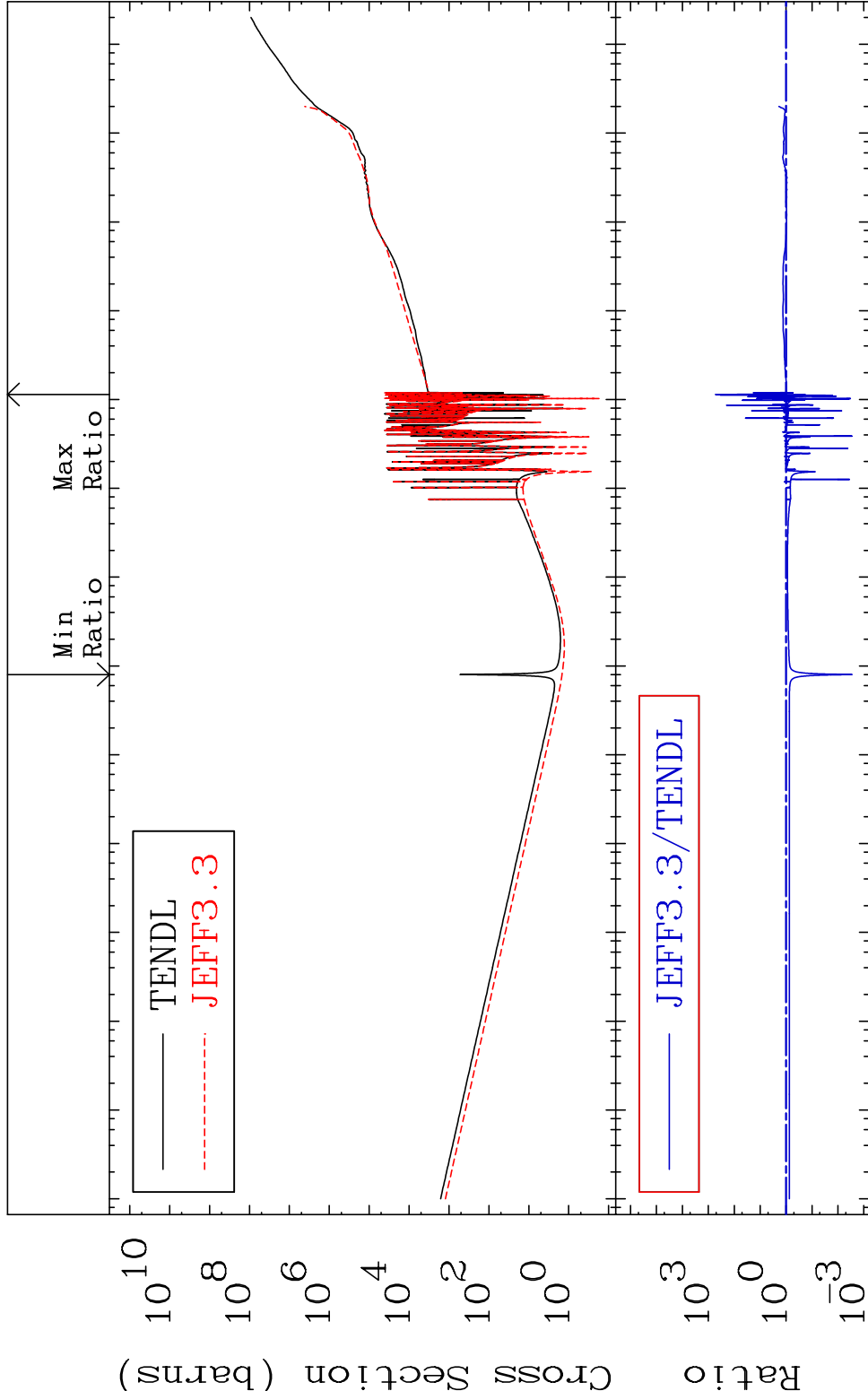
MAT 6225 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-144
Cross Section -56.85 To 9999. %



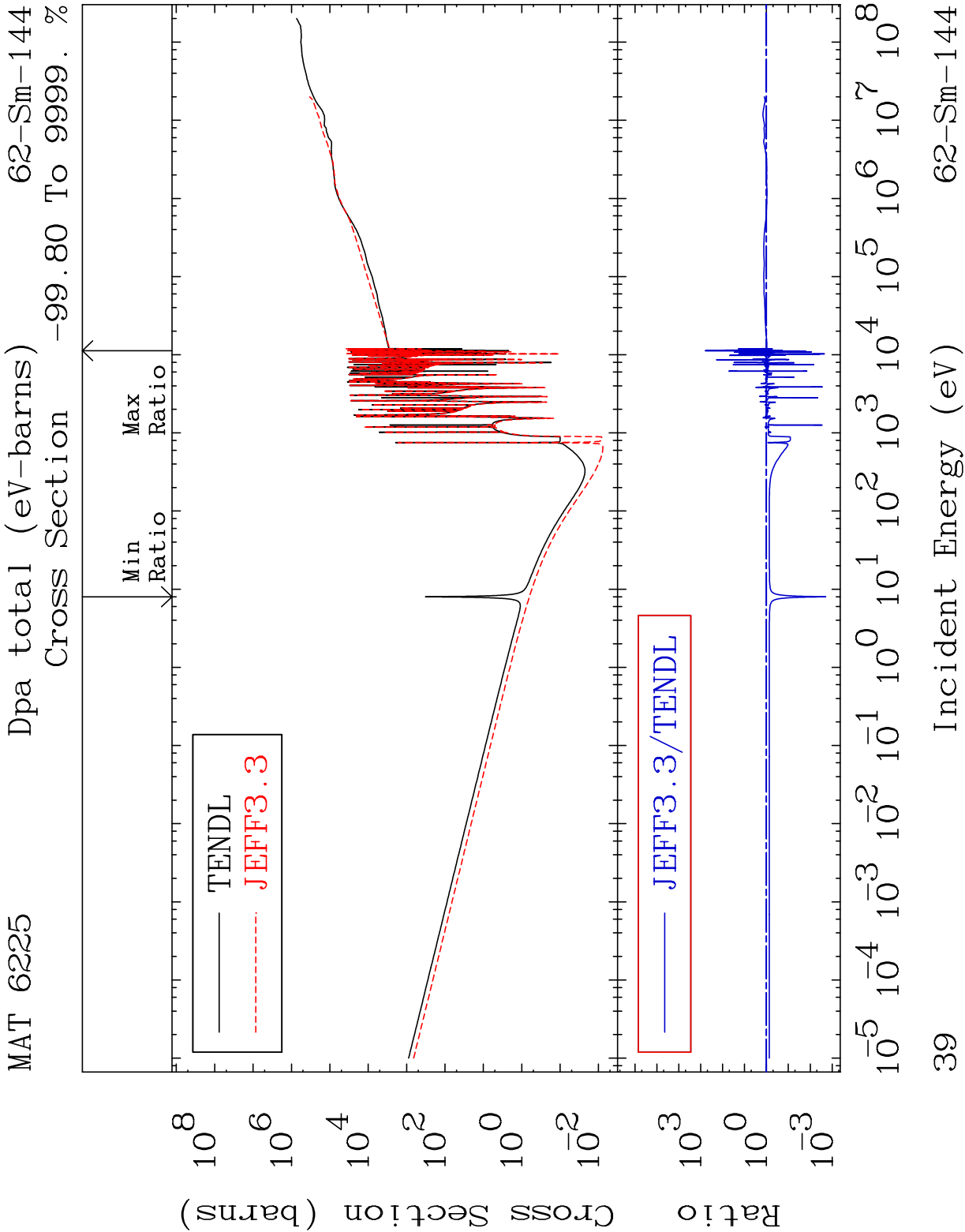


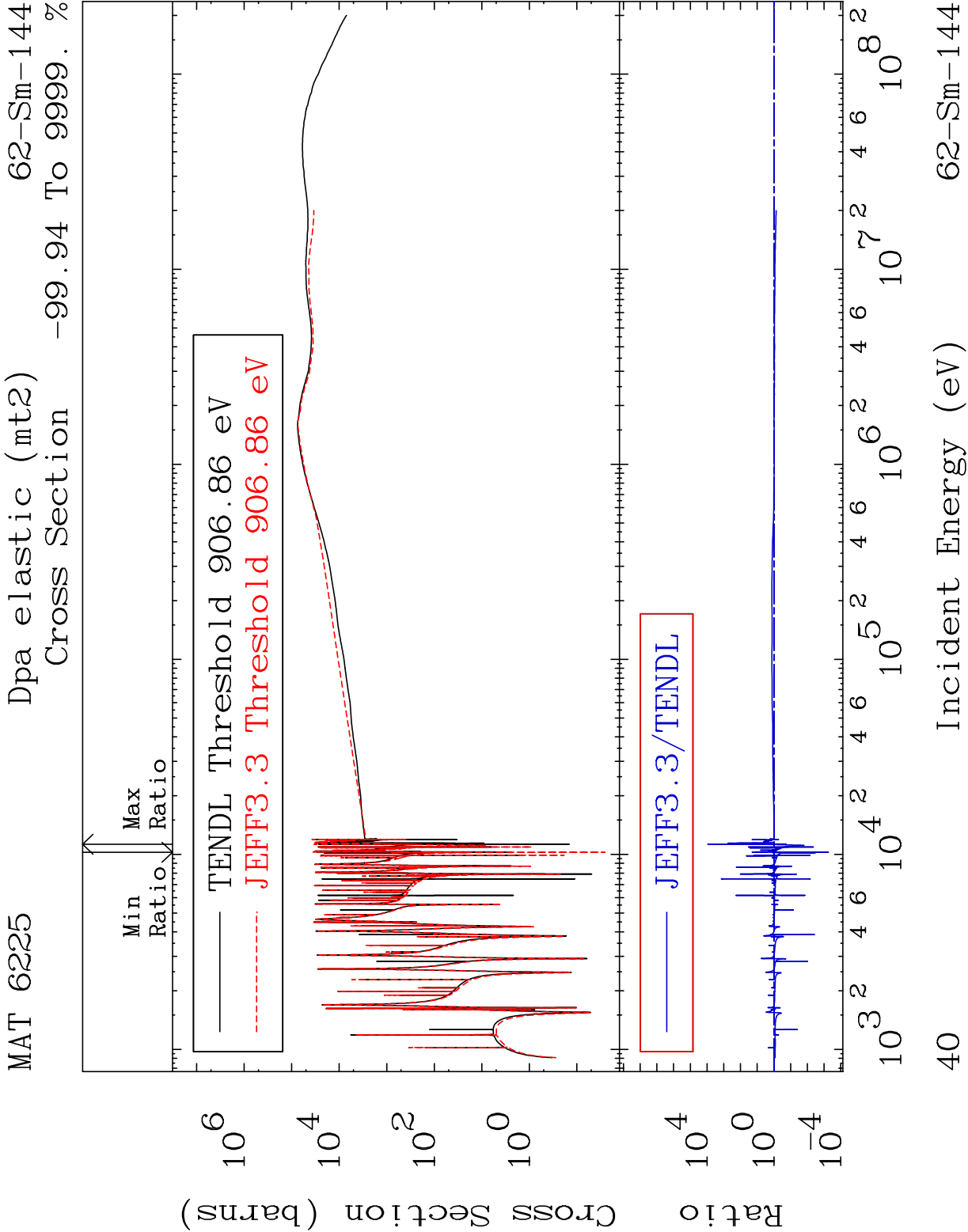


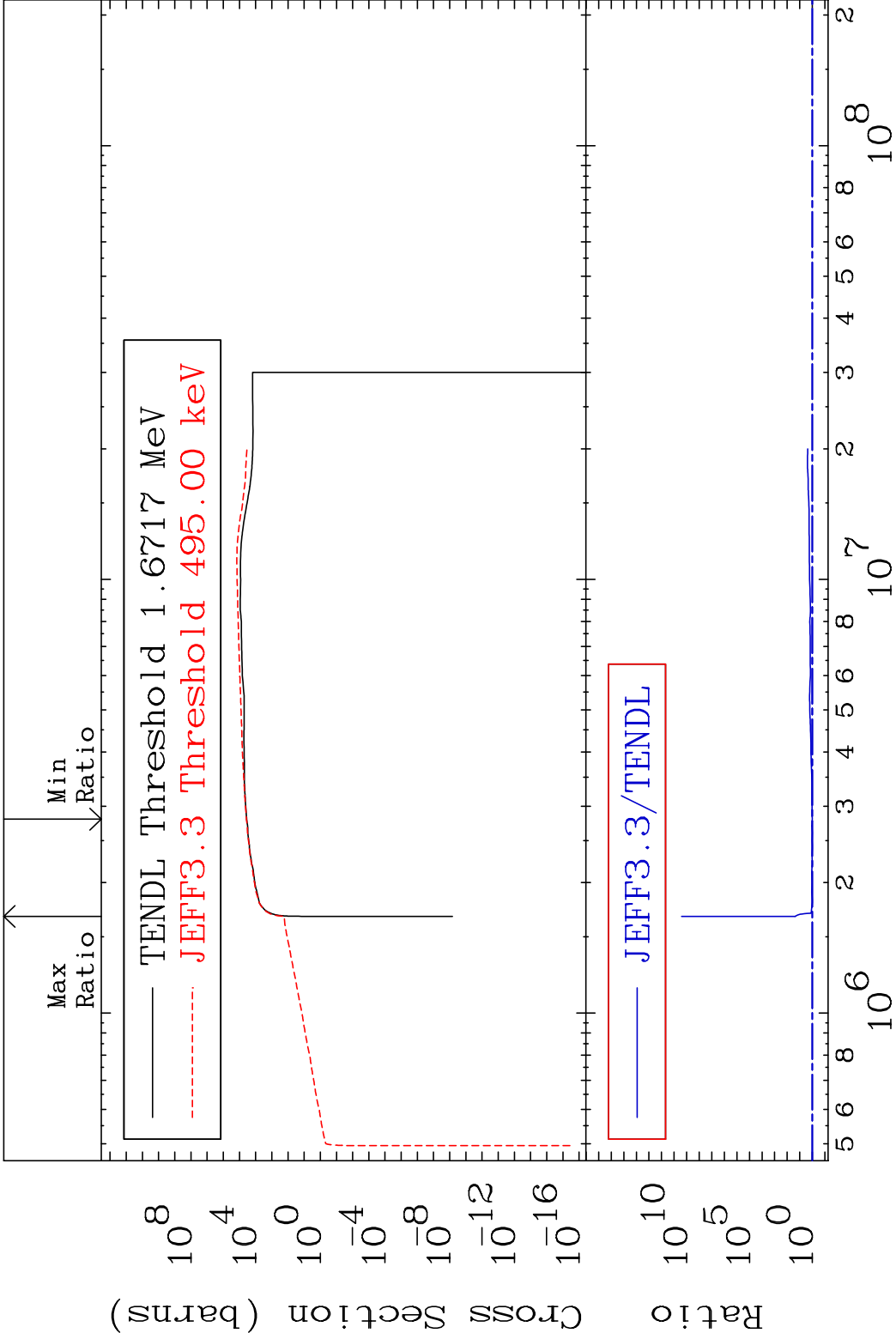
MAT 6225 Total kinematic kerma (high limit) 62-Sm-144
Cross Section -99.72 To 9999. %



38 Incident Energy (eV) 62-Sm-144







MAT 6225 Dpa disappearance (mt102 -120) 62-Sm-144
Cross Section -99.93 To 9999. %

