

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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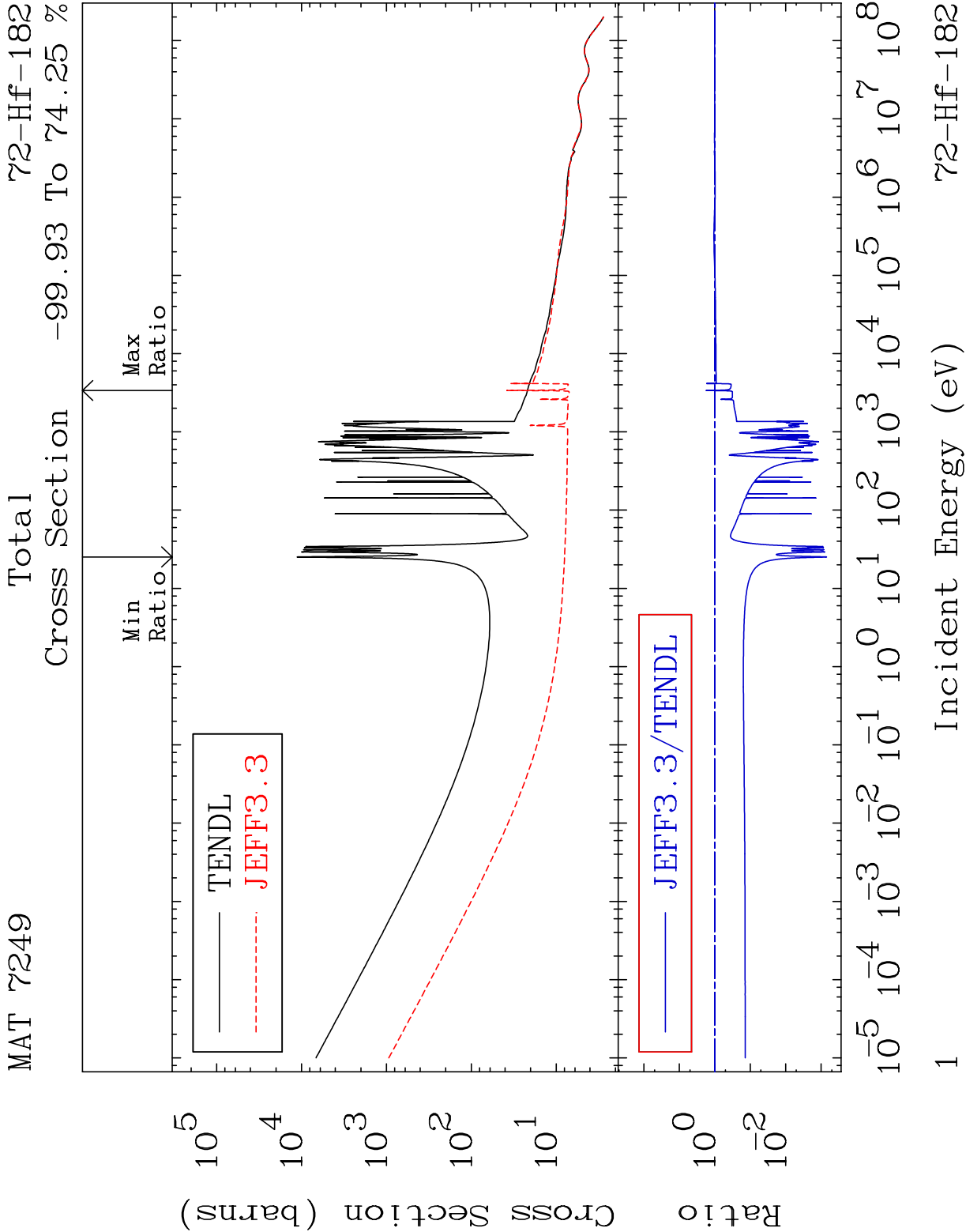
U.S.A.

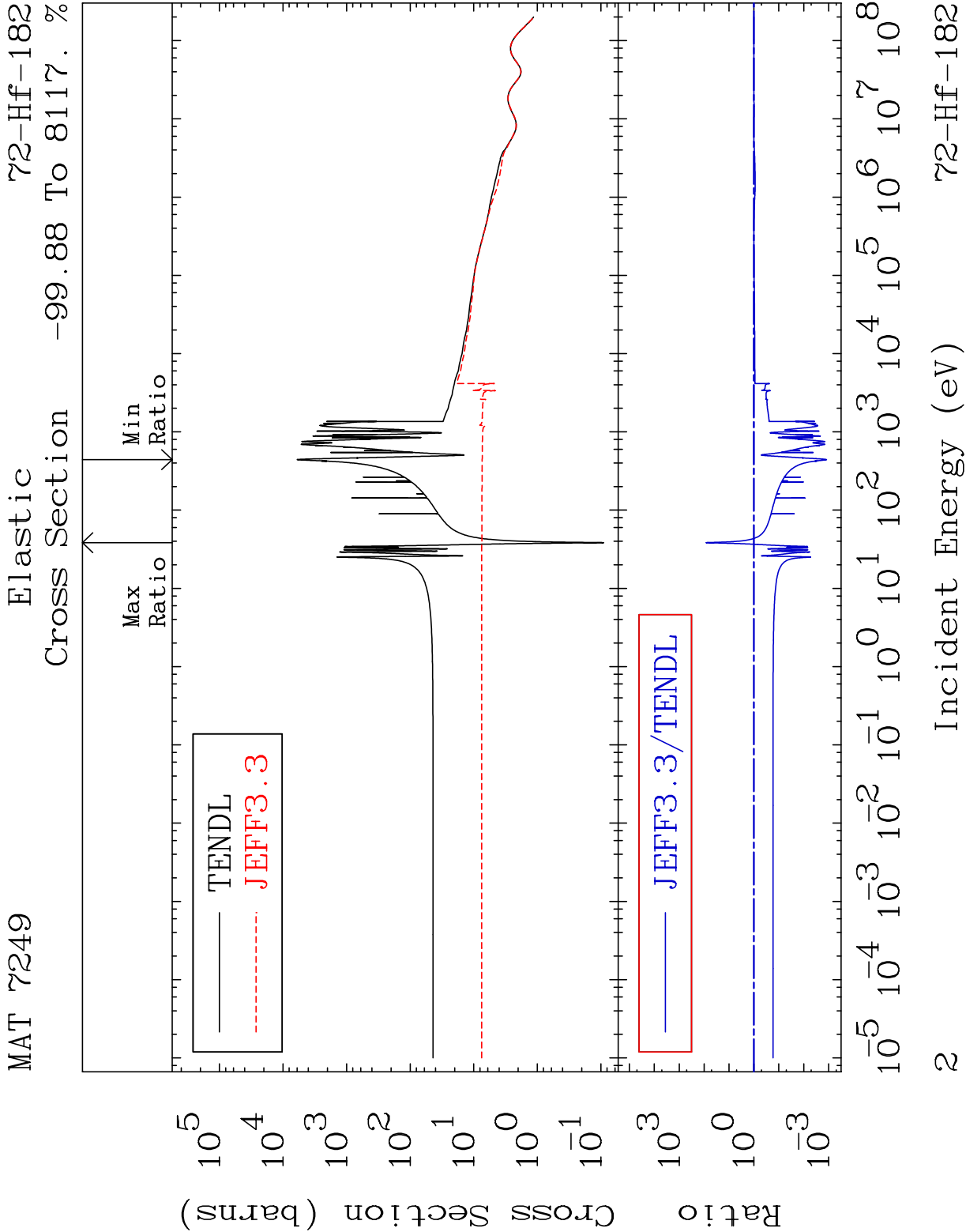
Tele: 925-443-1911

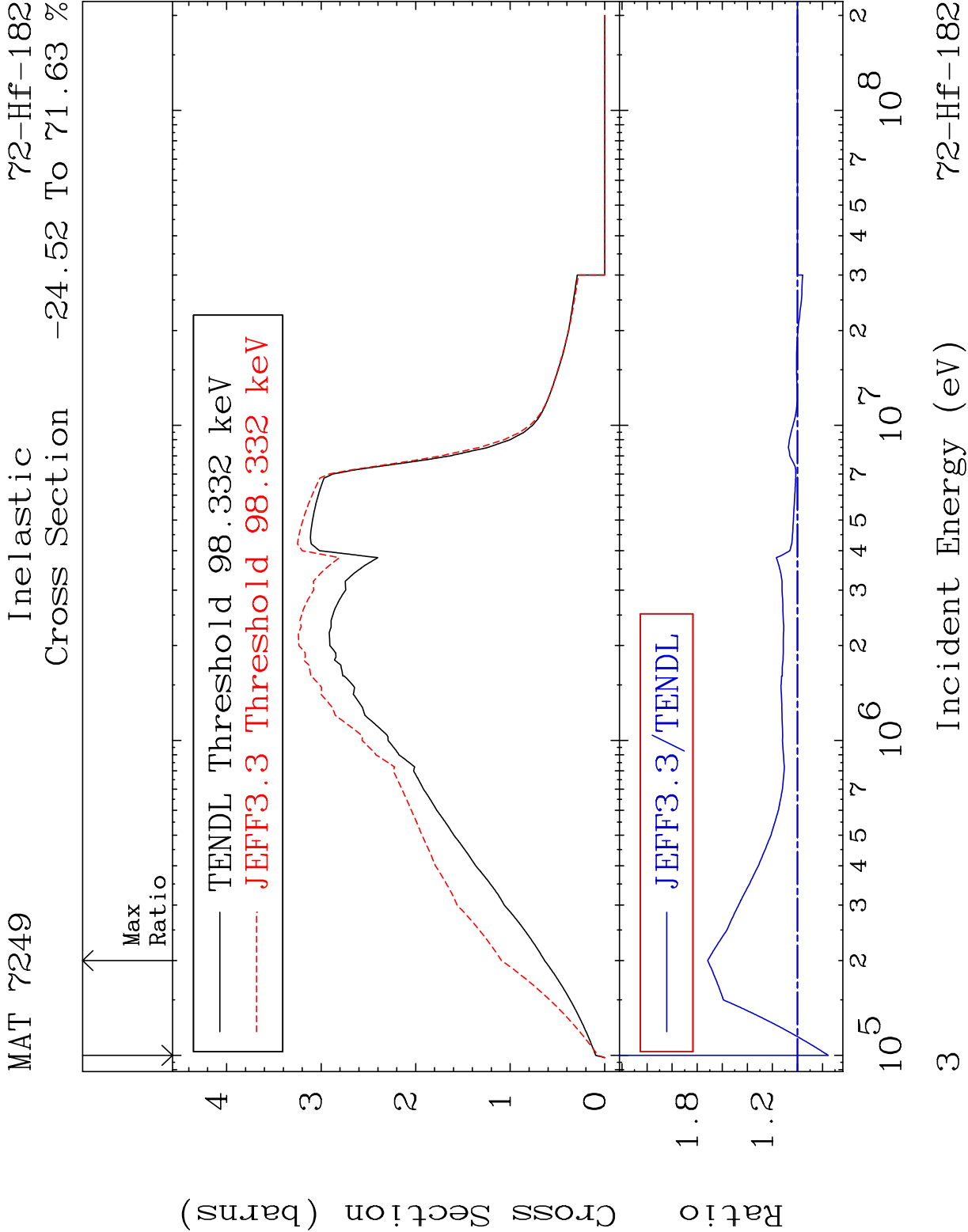
E.Mail: redcullen1@comcast.net

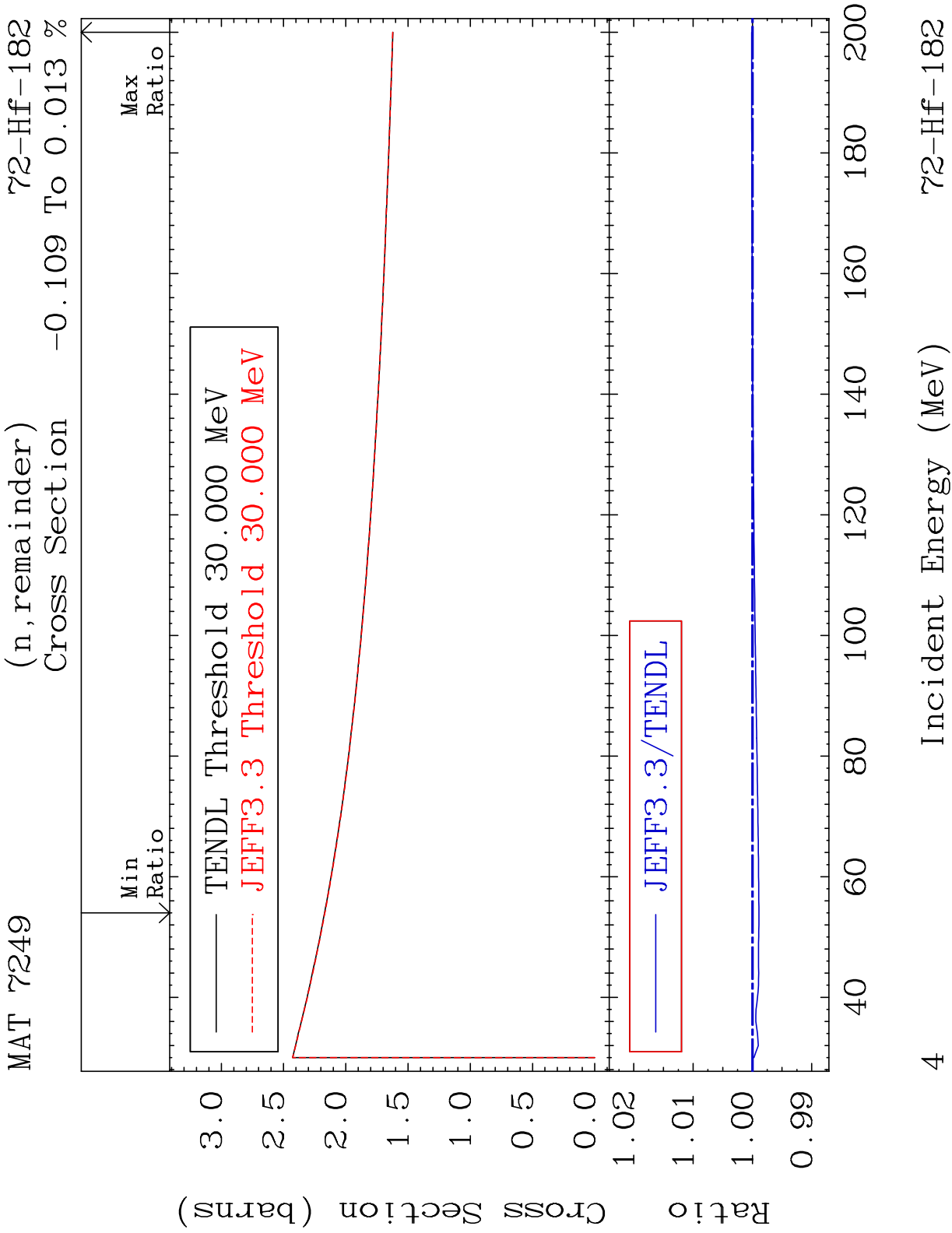
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







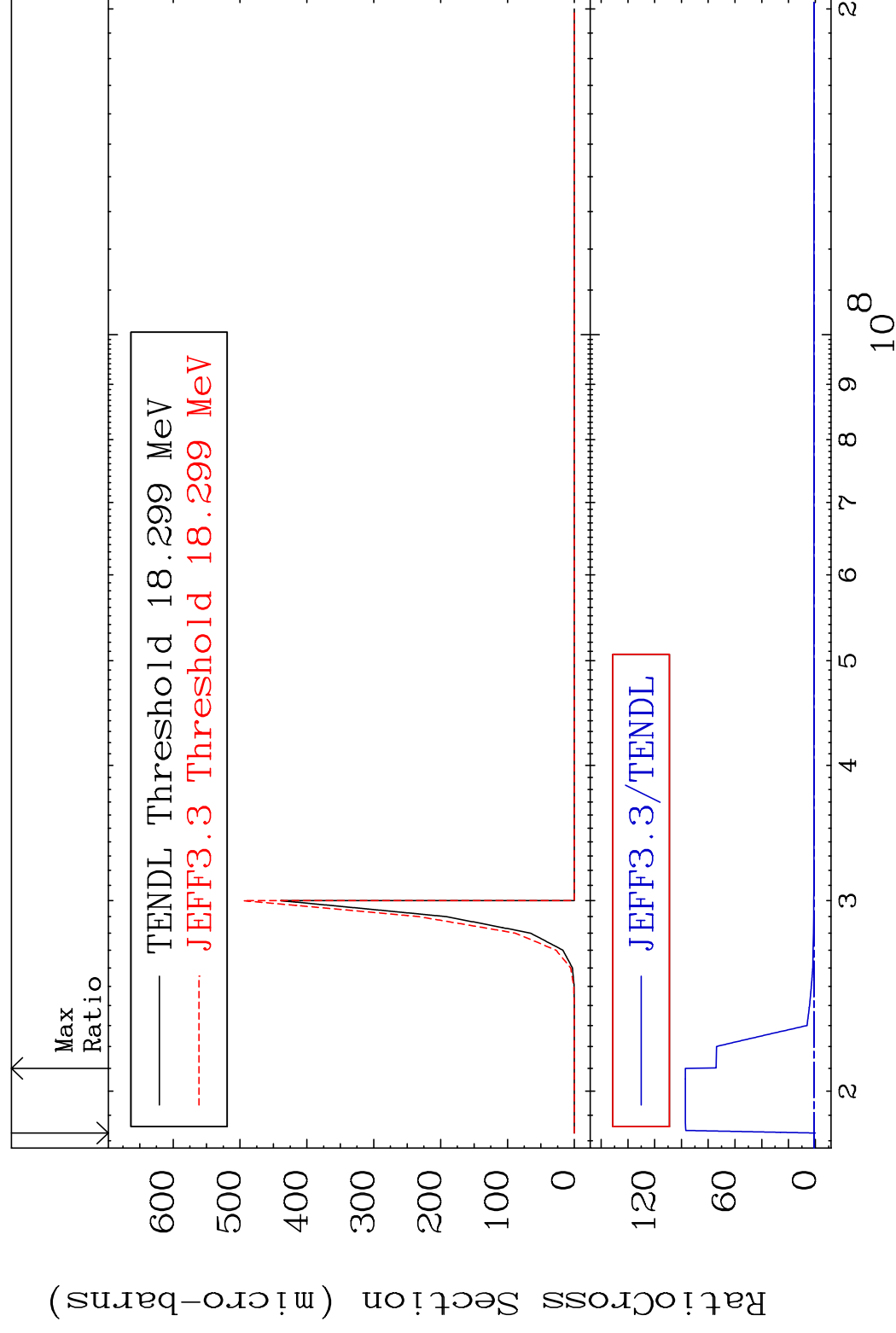


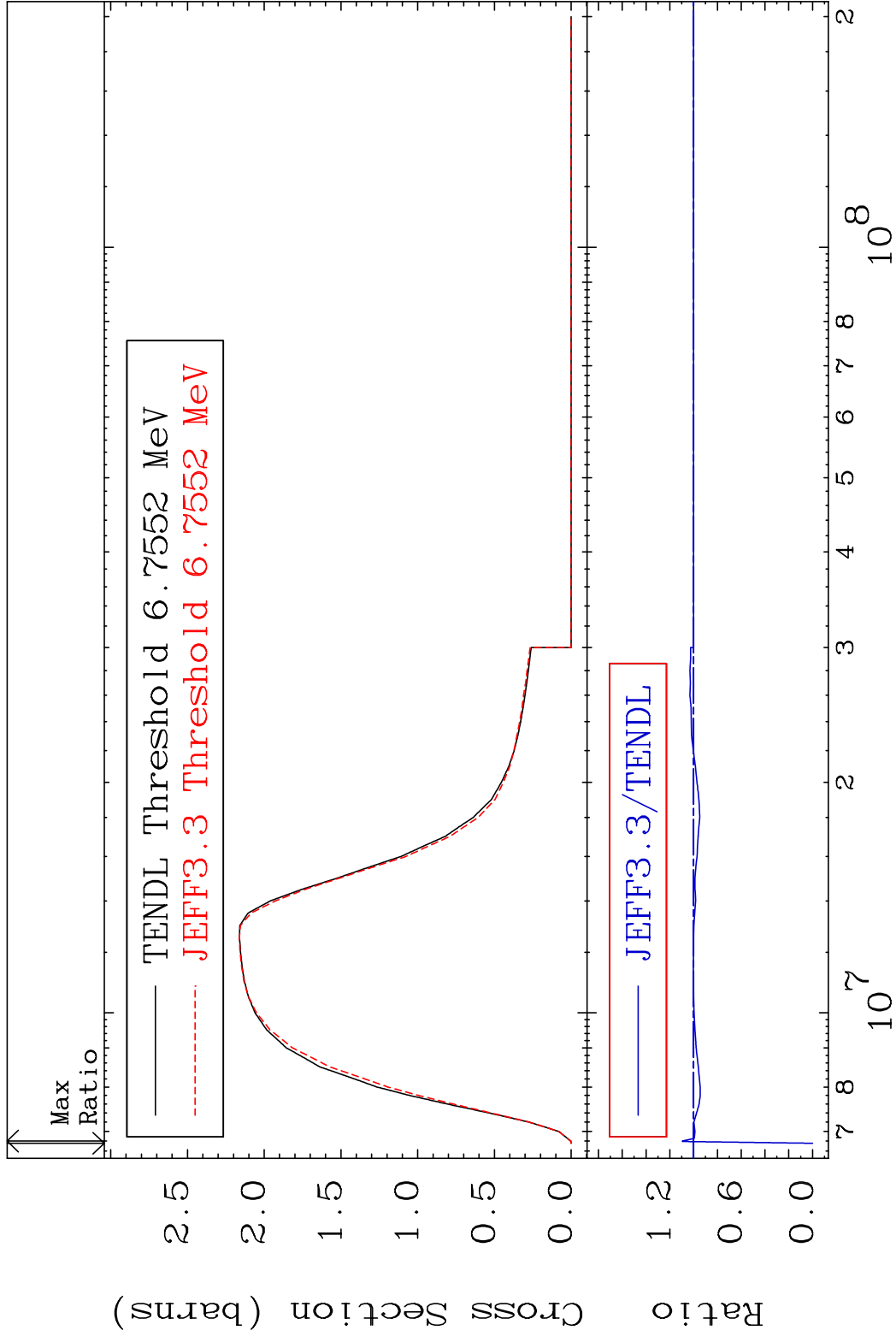
MAT 7249

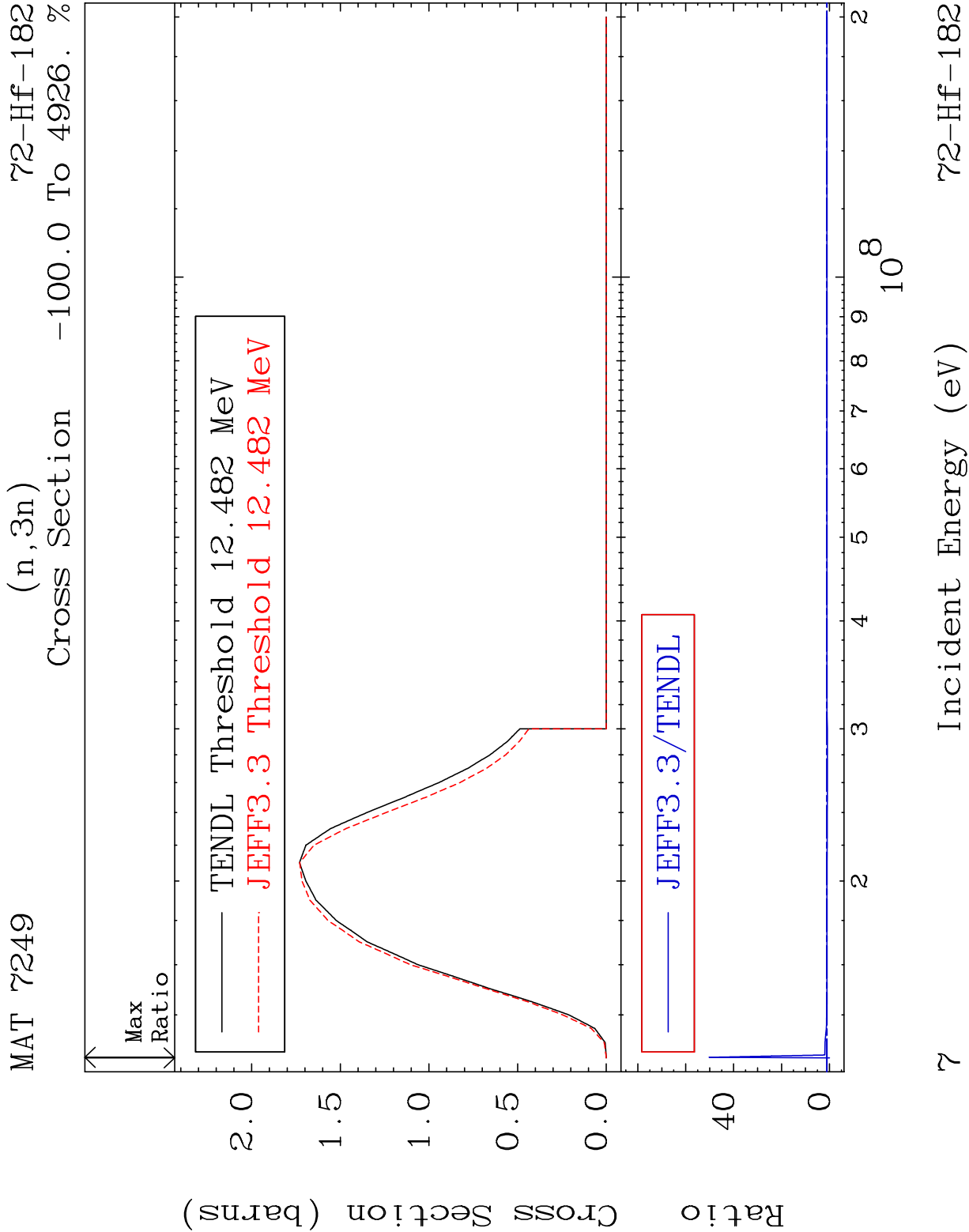
$$(n, 2n) \text{ d}$$

72-Hf-182

Cross Section -100.0 To 9609. %





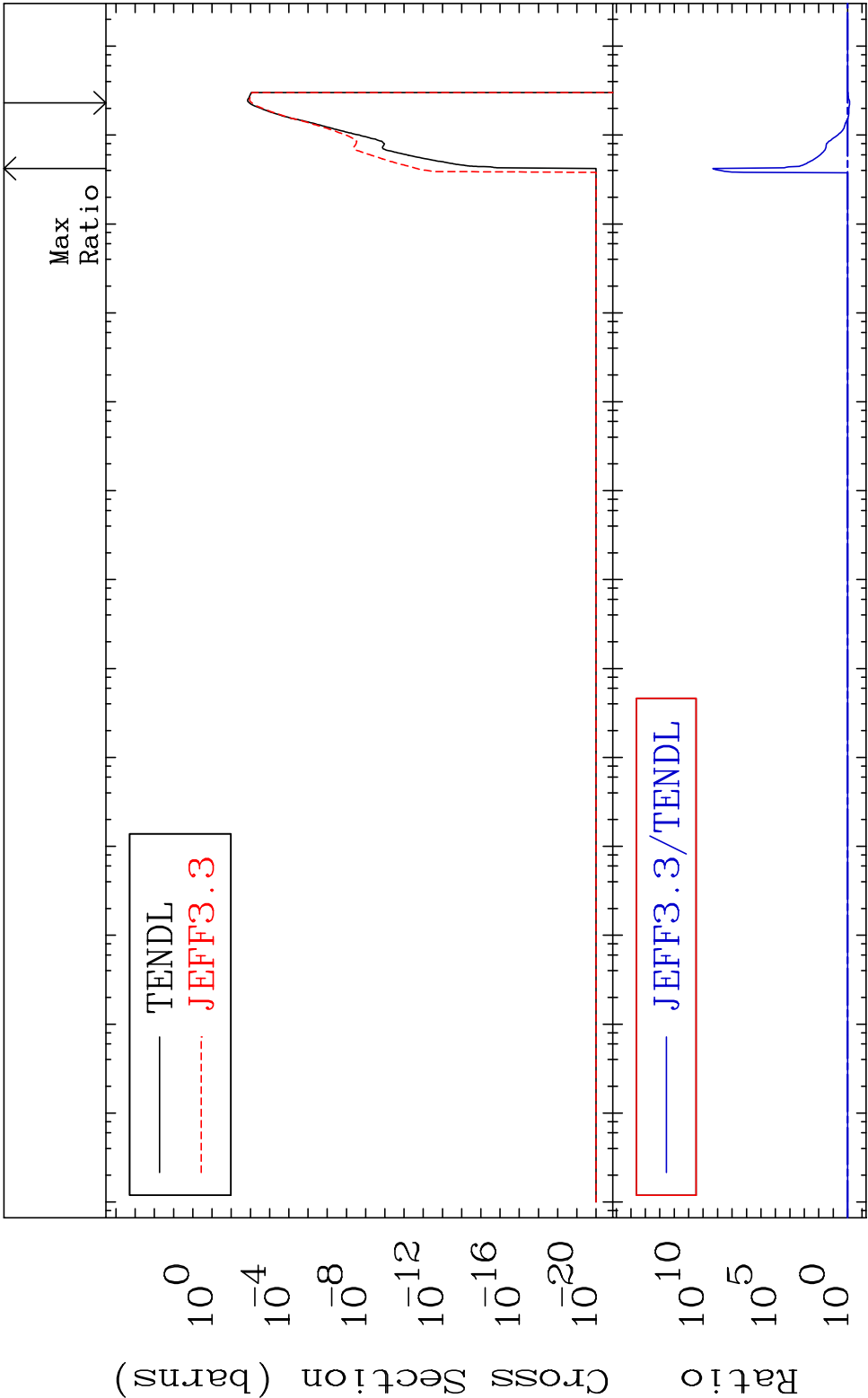


MAT 7249

(n,n') α

72-Hf-182

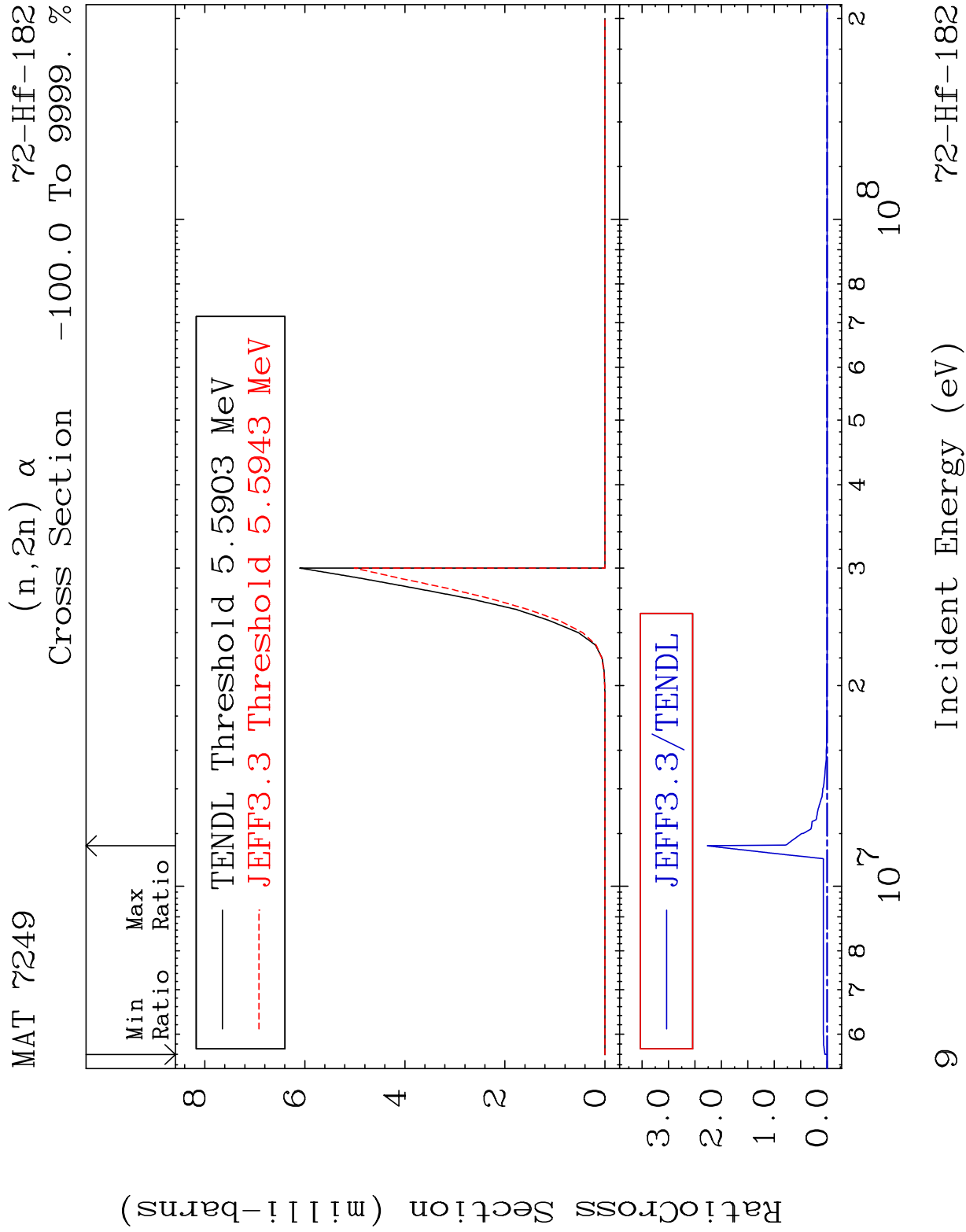
Cross Section -25.68 To 9999. %

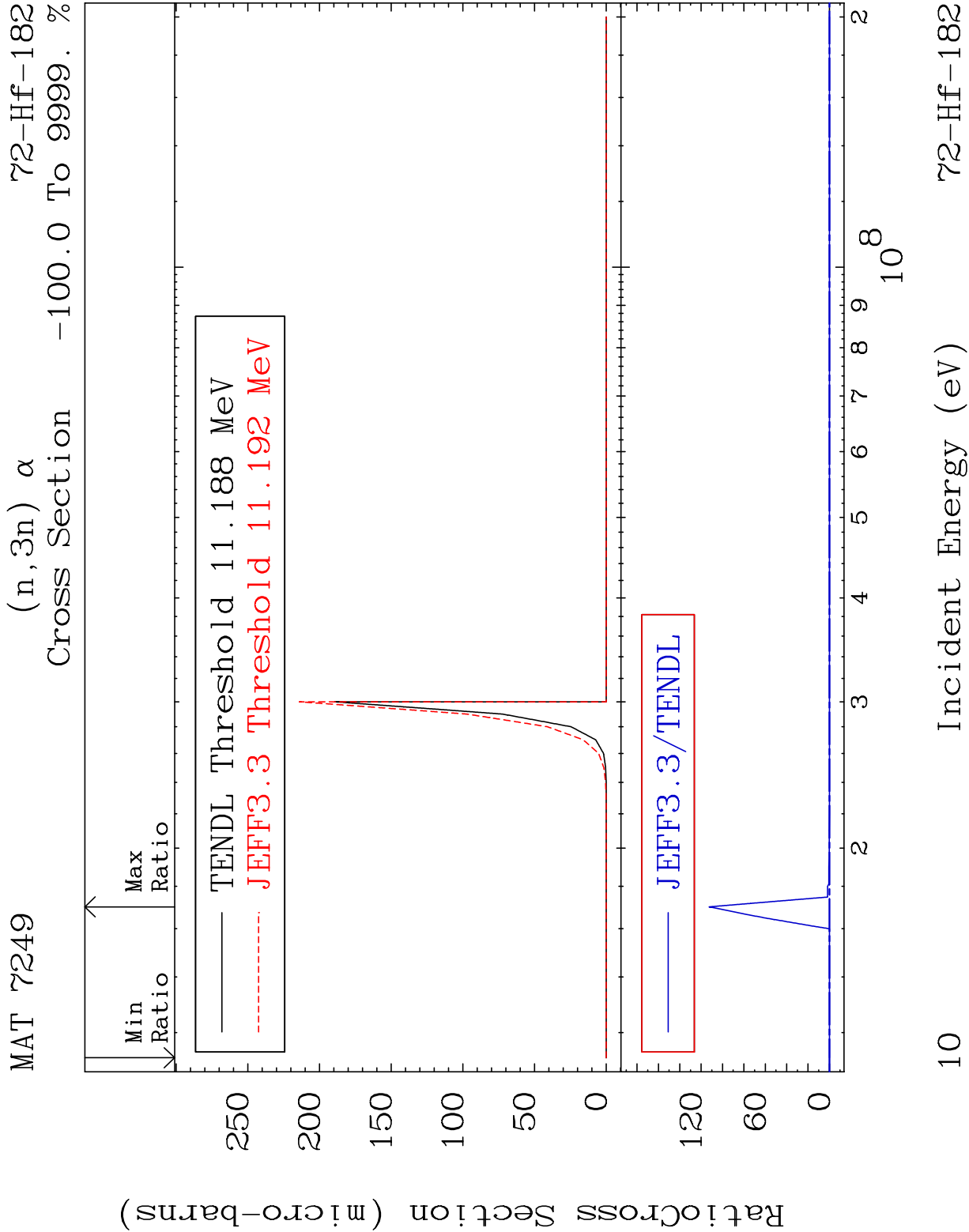


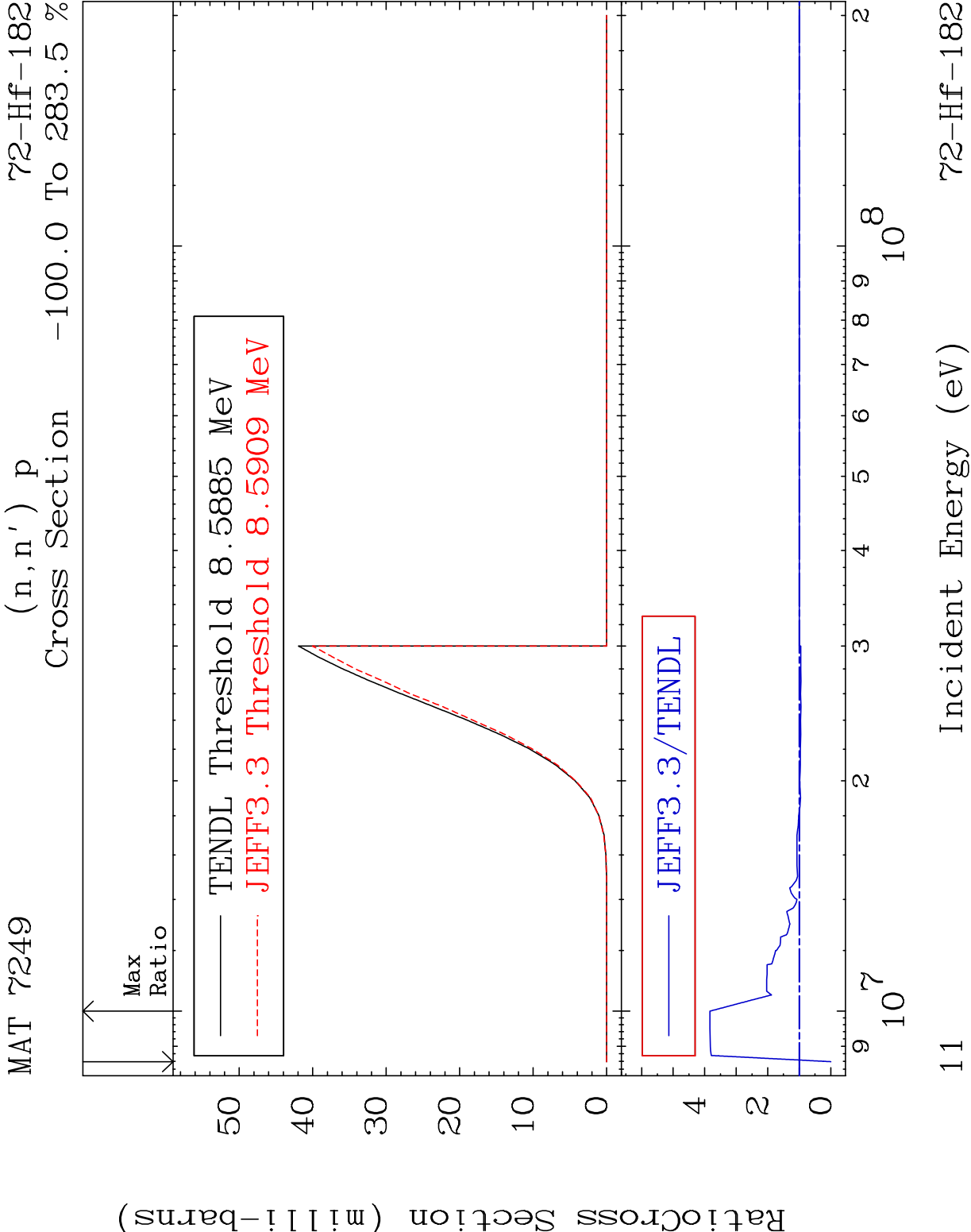
8

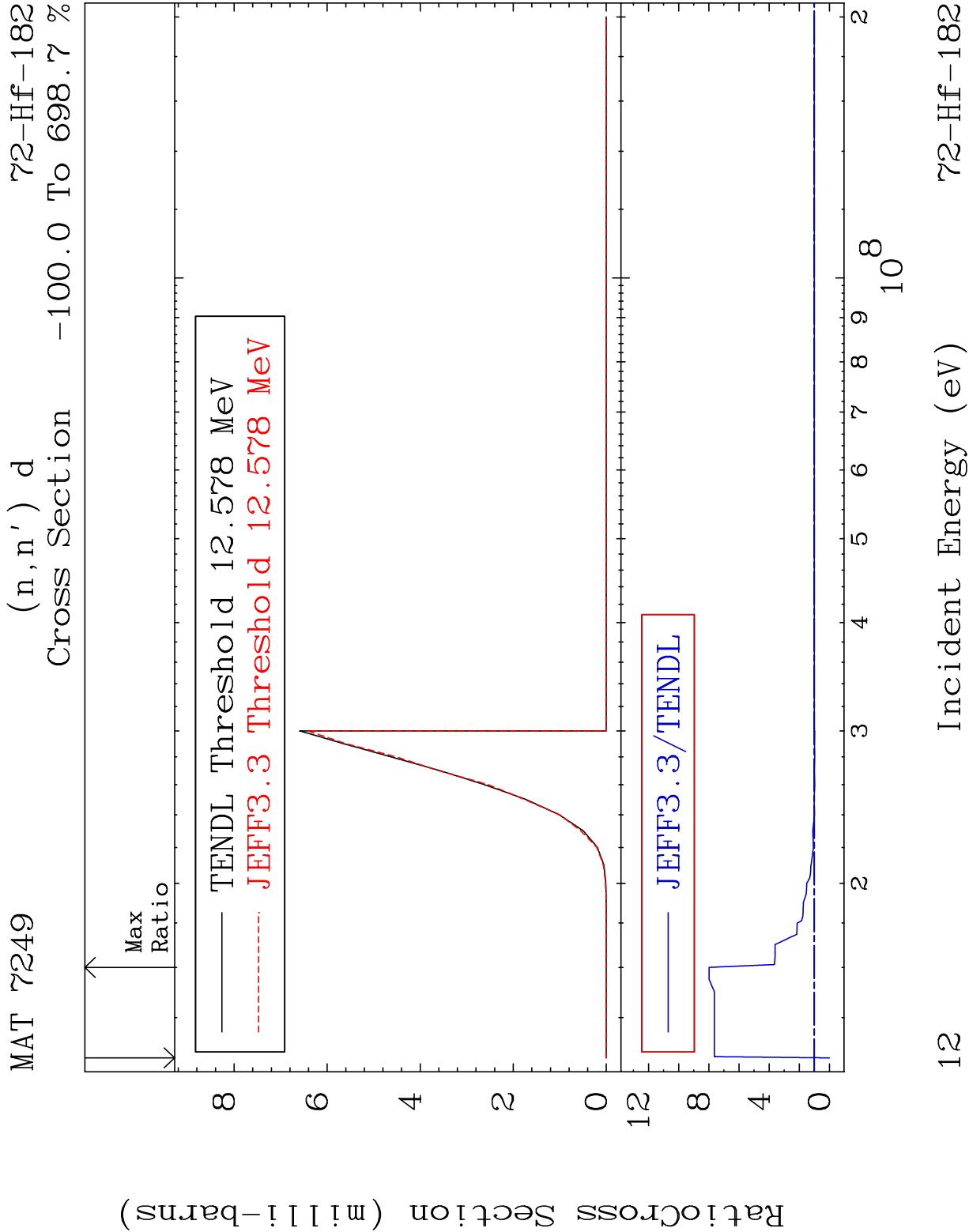
Incident Energy (eV)

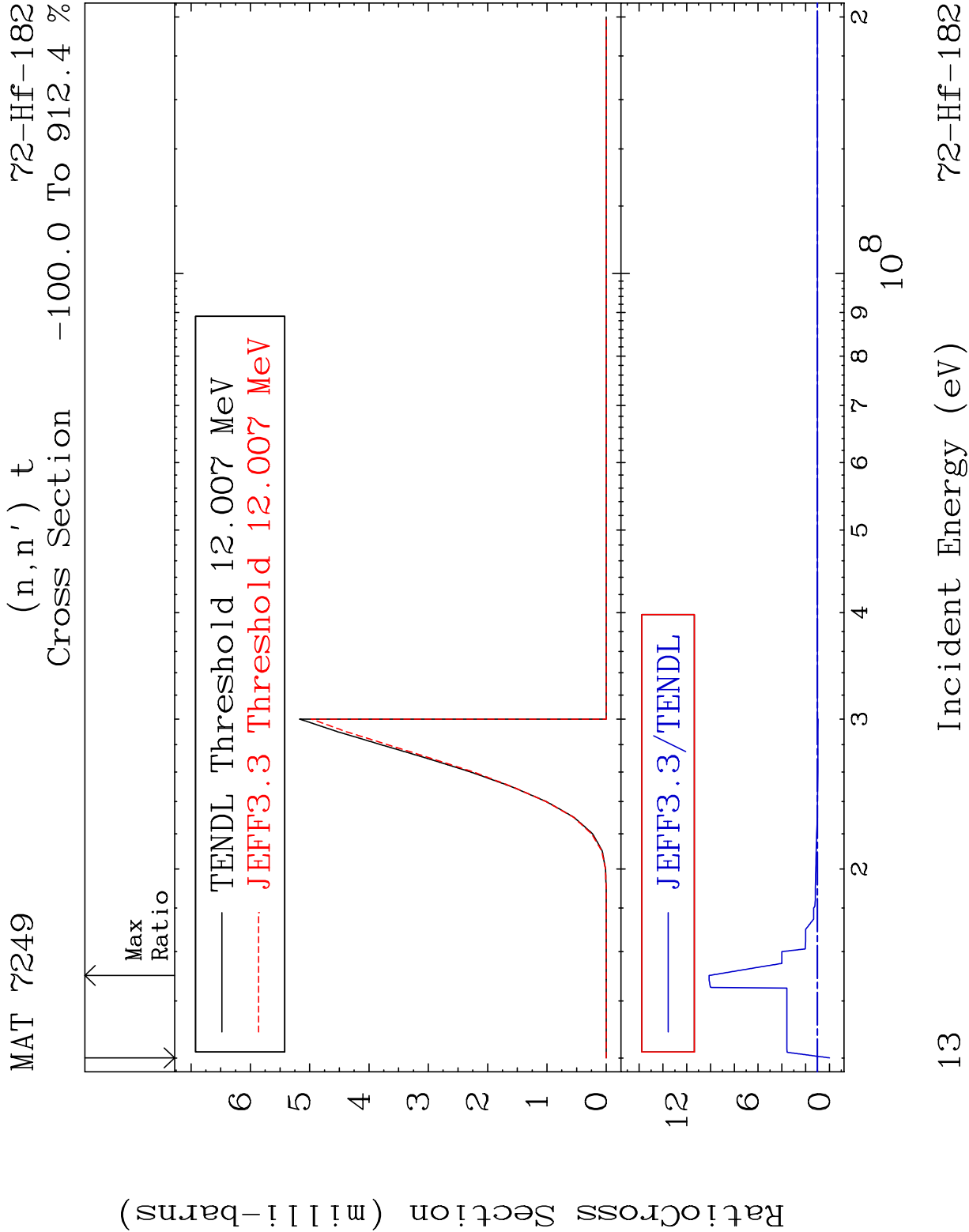
72-Hf-182

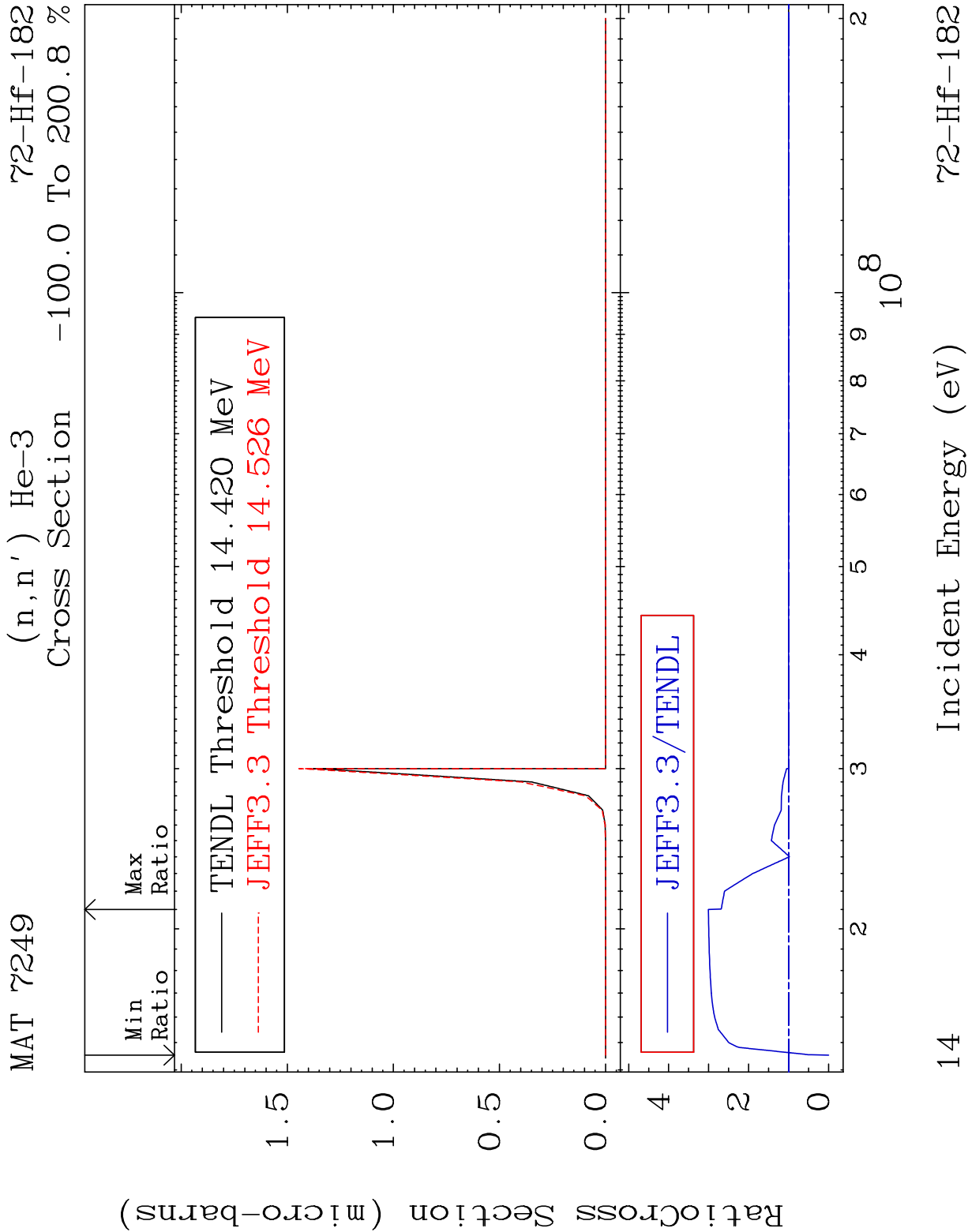


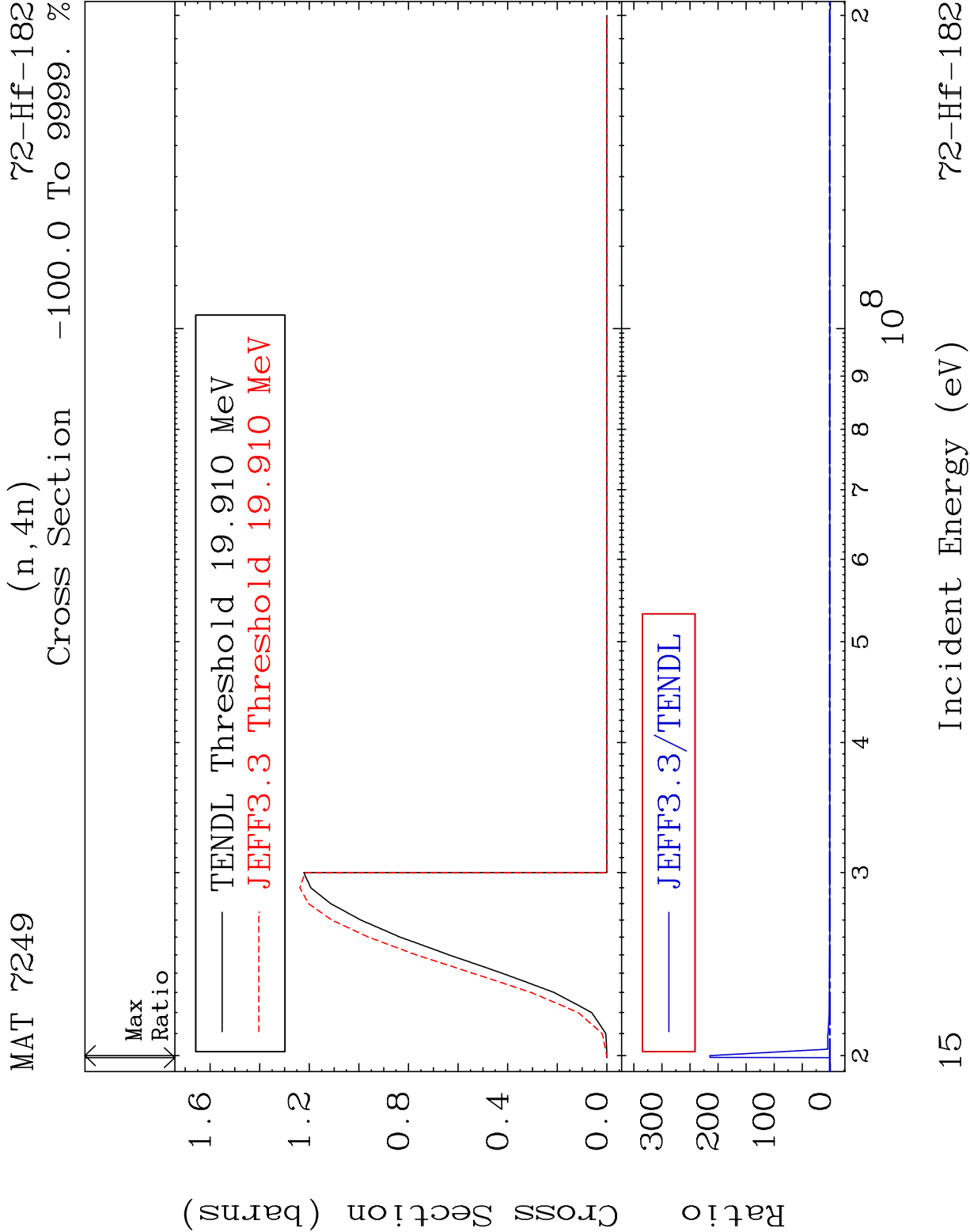


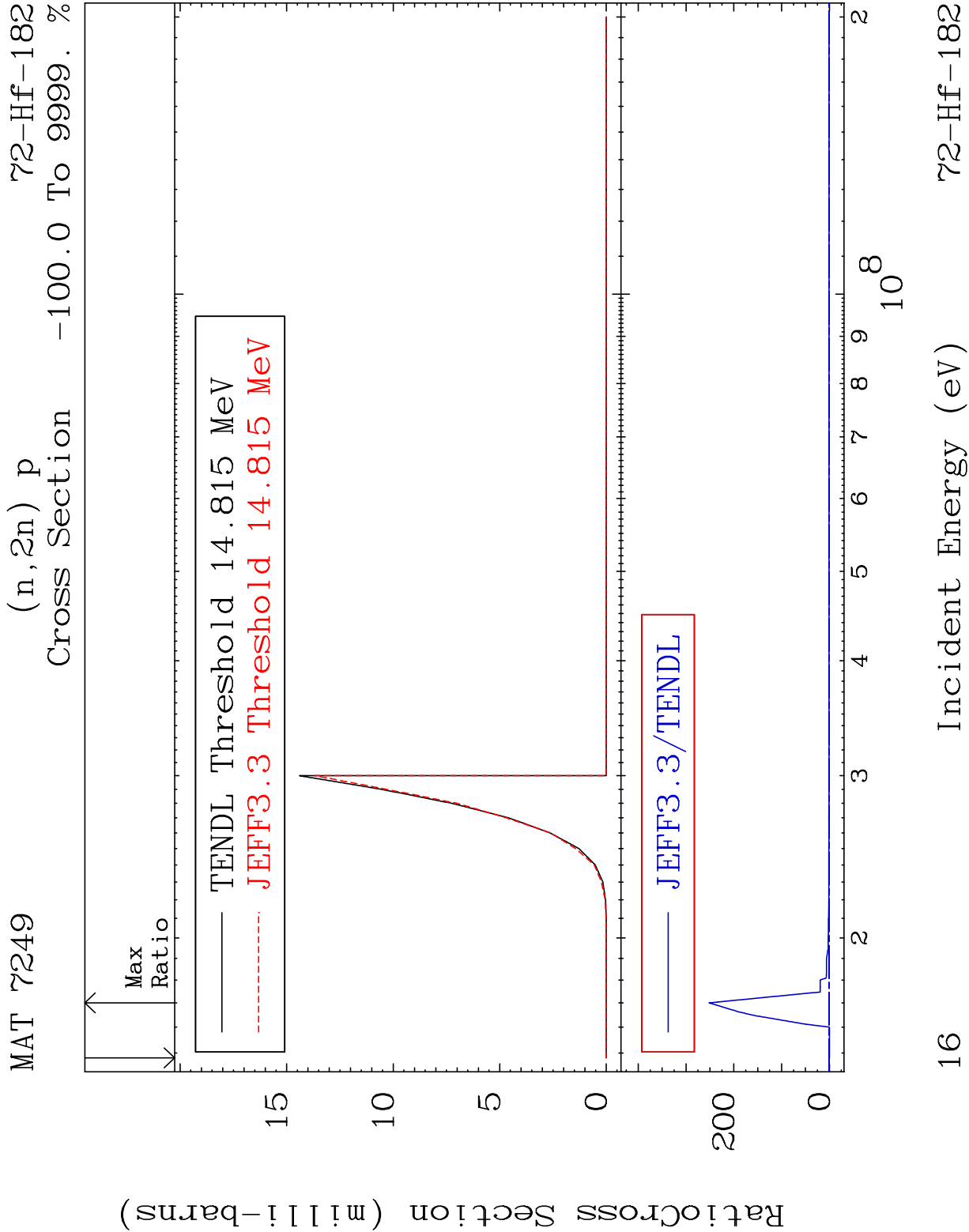


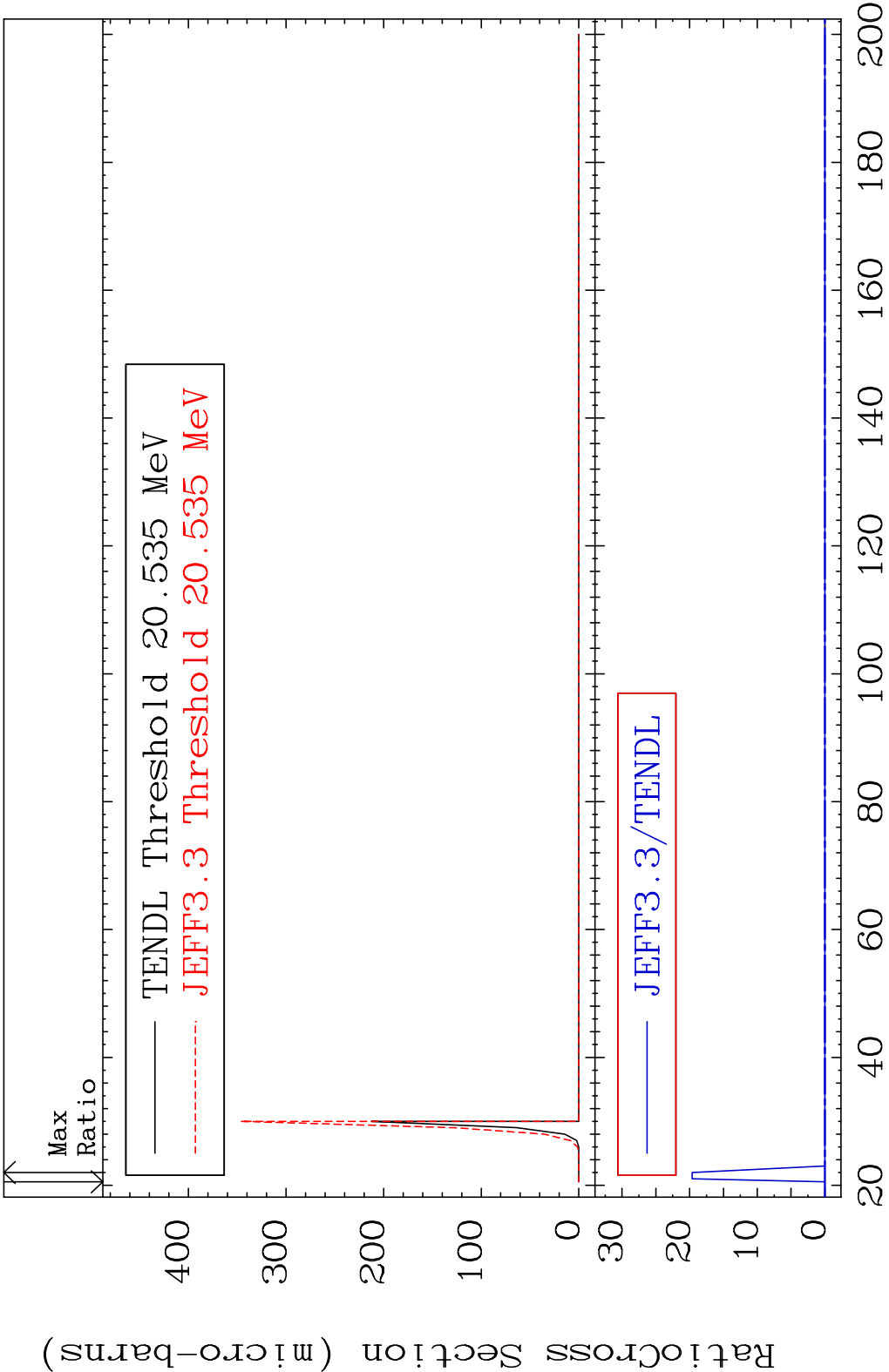


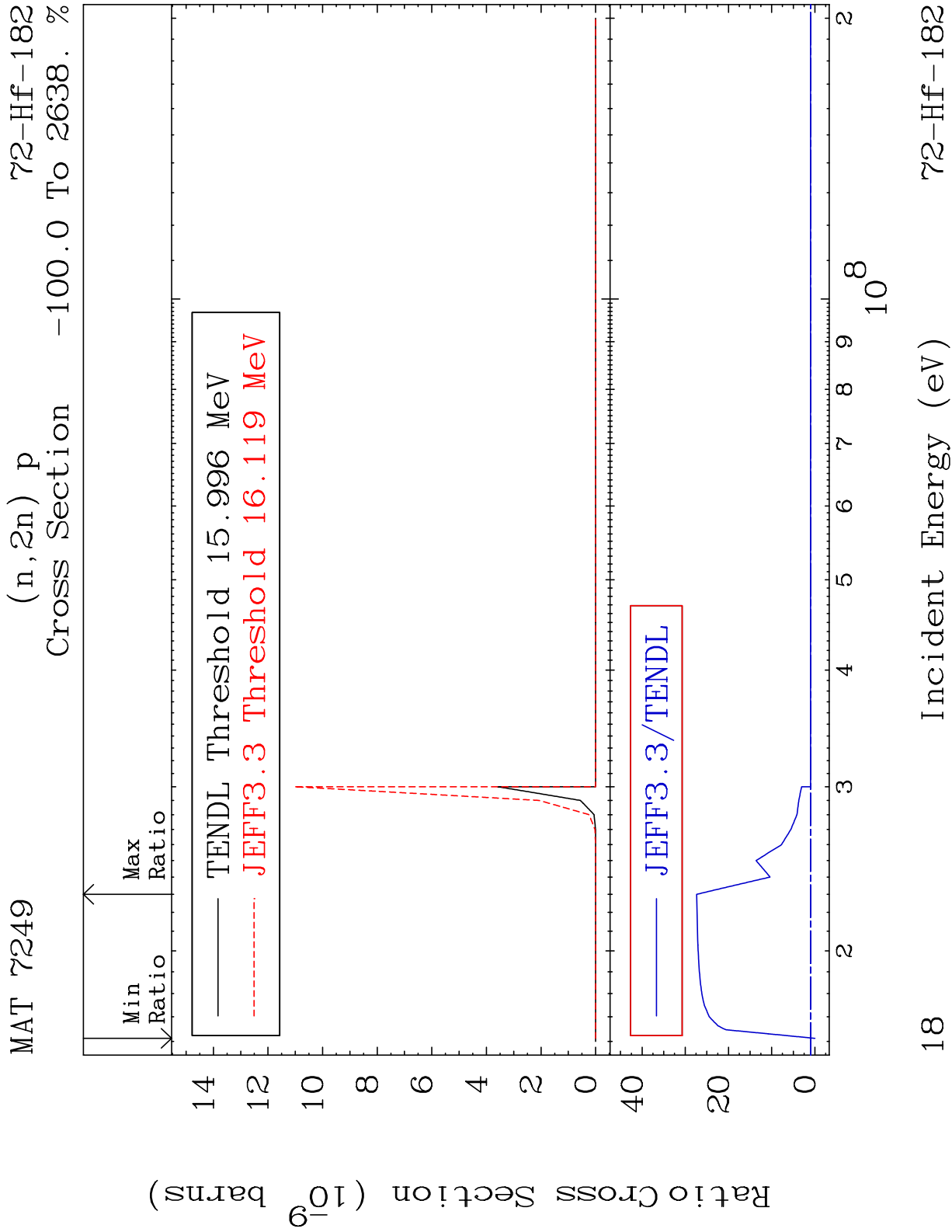




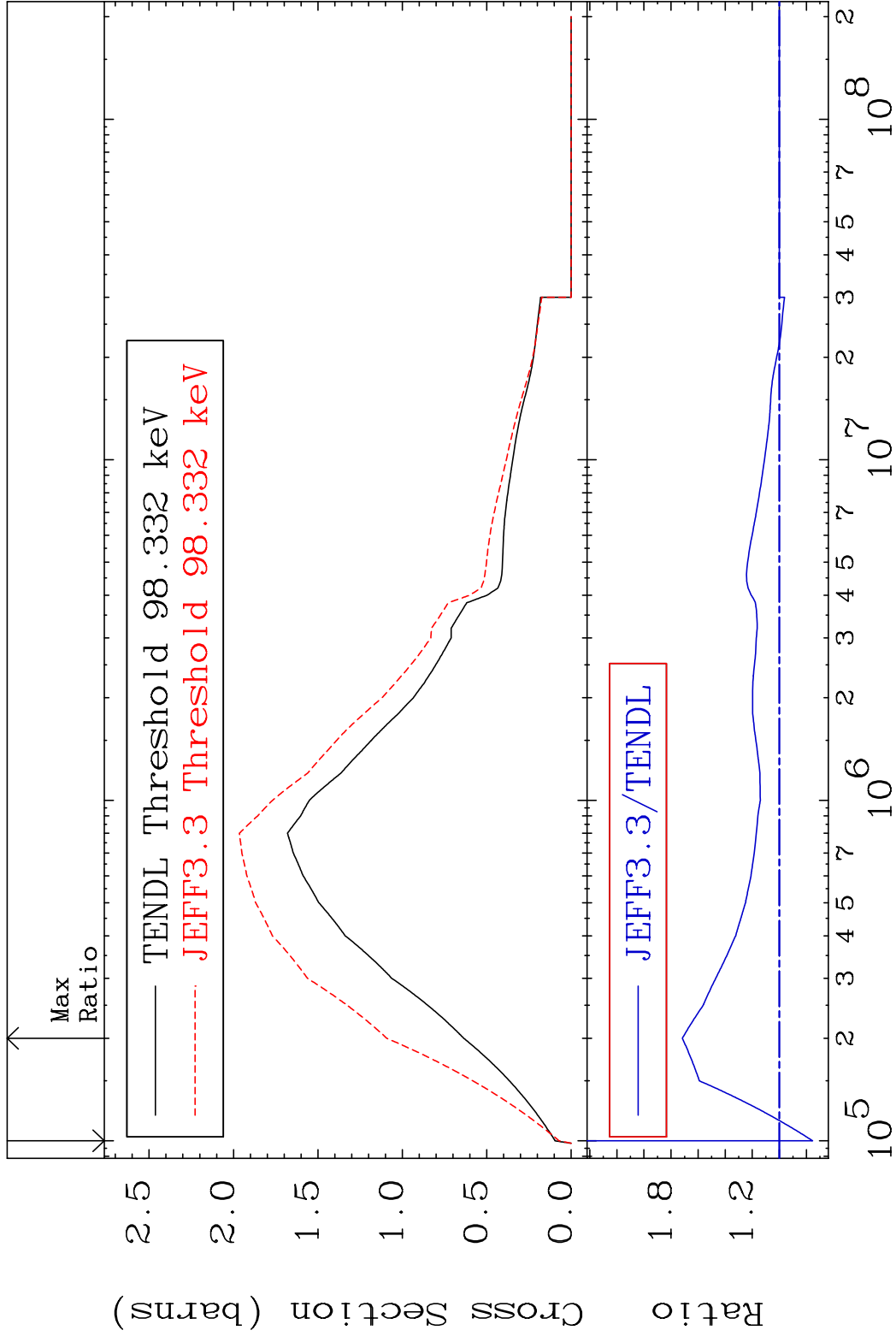






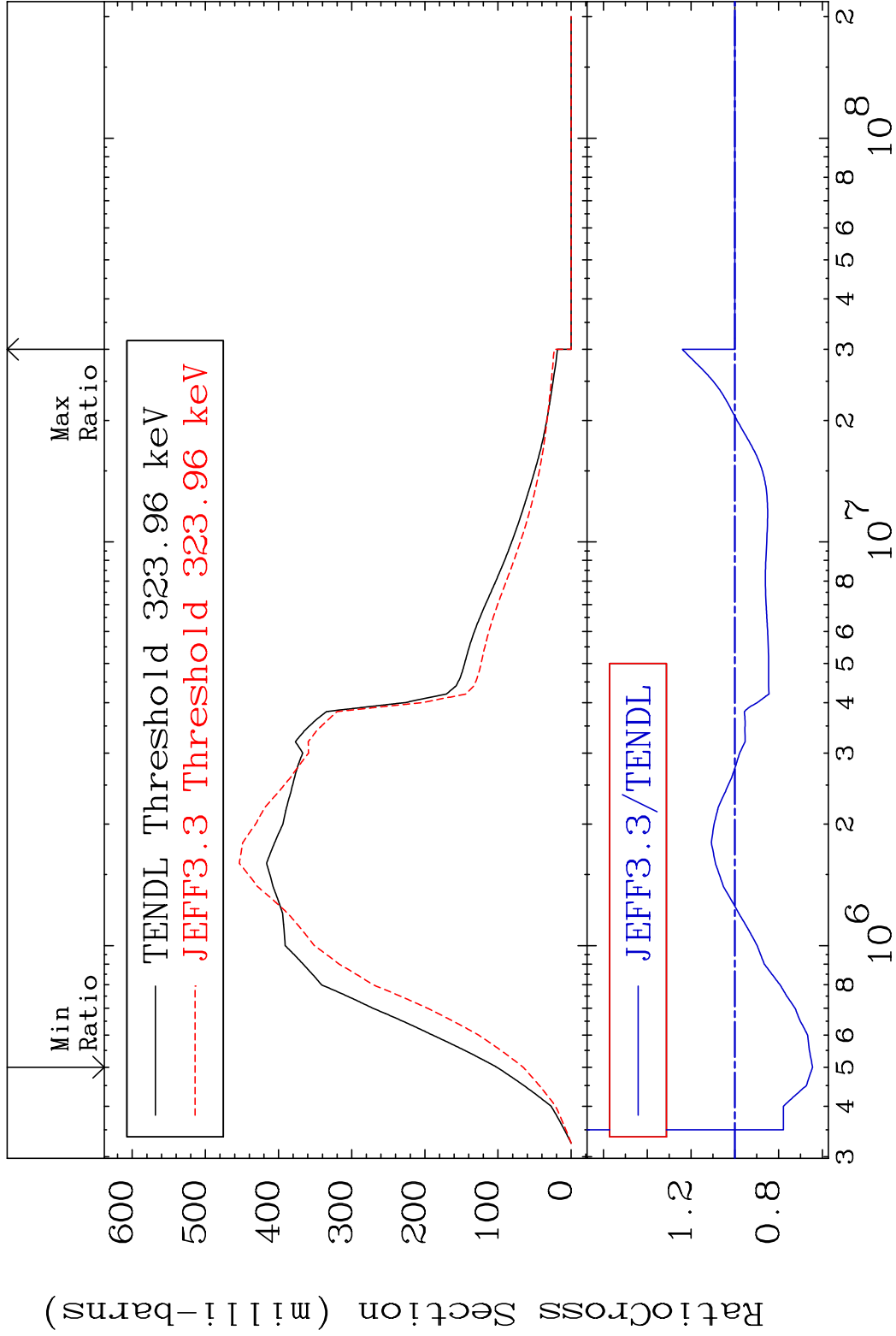


MAT 7249 MT= 51 (n,n') Level 72-Hf-182
Cross Section -24.52 To 71.63 %

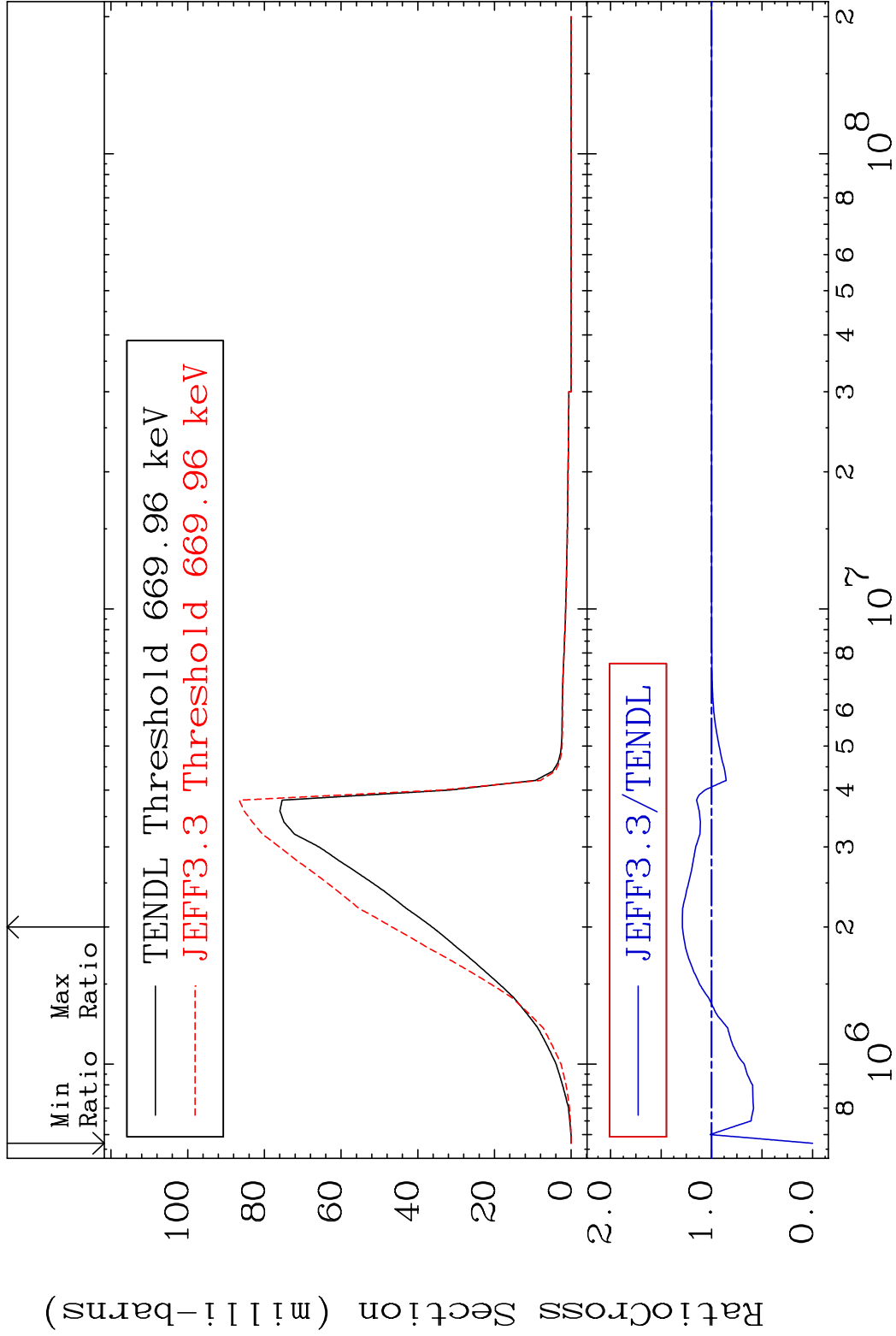


19 Incident Energy (eV) 72-Hf-182

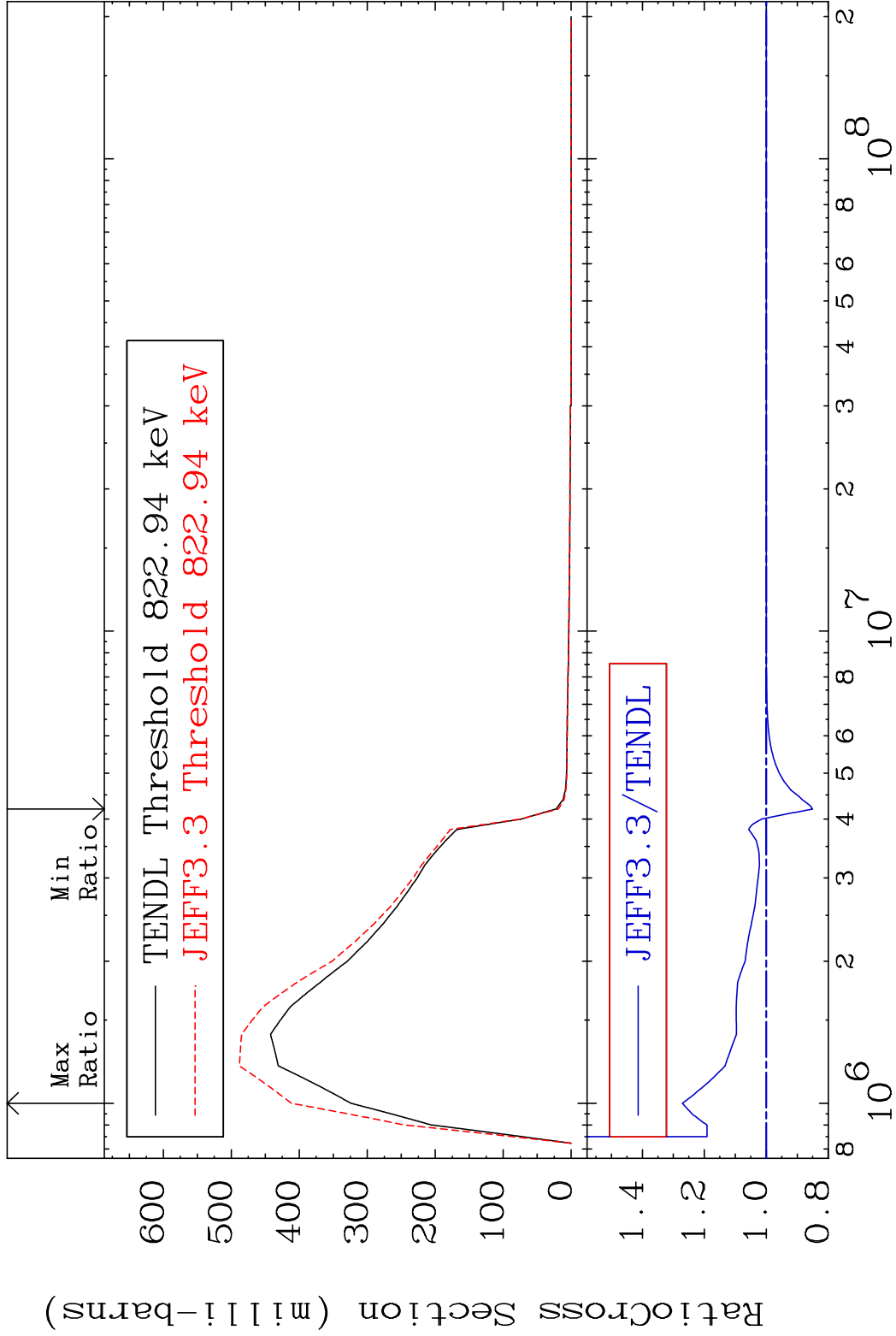
MAT 7249 MT= 52 (n,n') Level 72-Hf-182
Cross Section -35.48 To 23.98 %



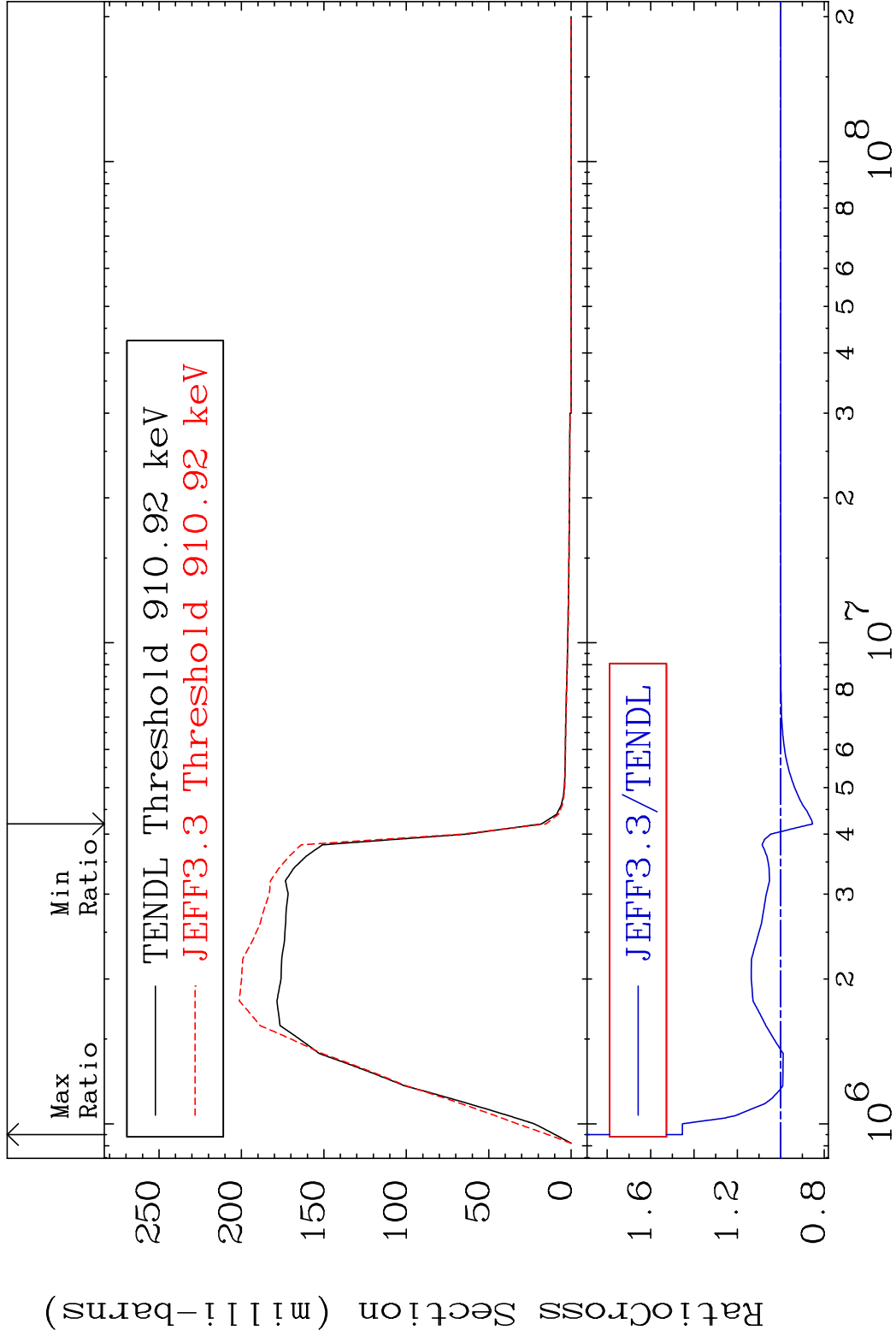
MAT 7249 MT= 53 (n,n') Level 72-Hf-182
Cross Section -100.0 To 28.95 %



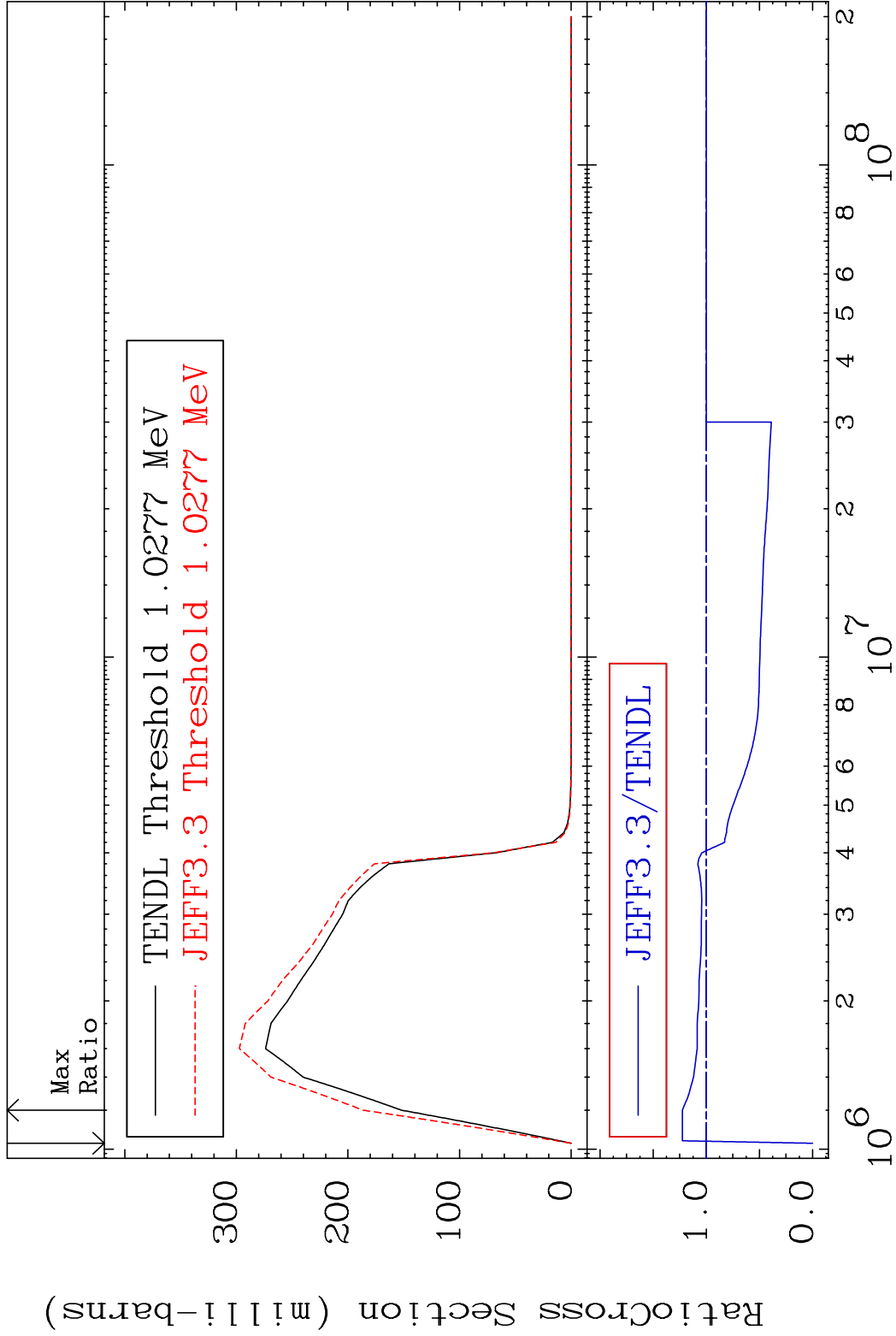
MAT 7249 MT= 54 (n,n') Level 72-Hf-182
Cross Section -14.95 To 27.10 %

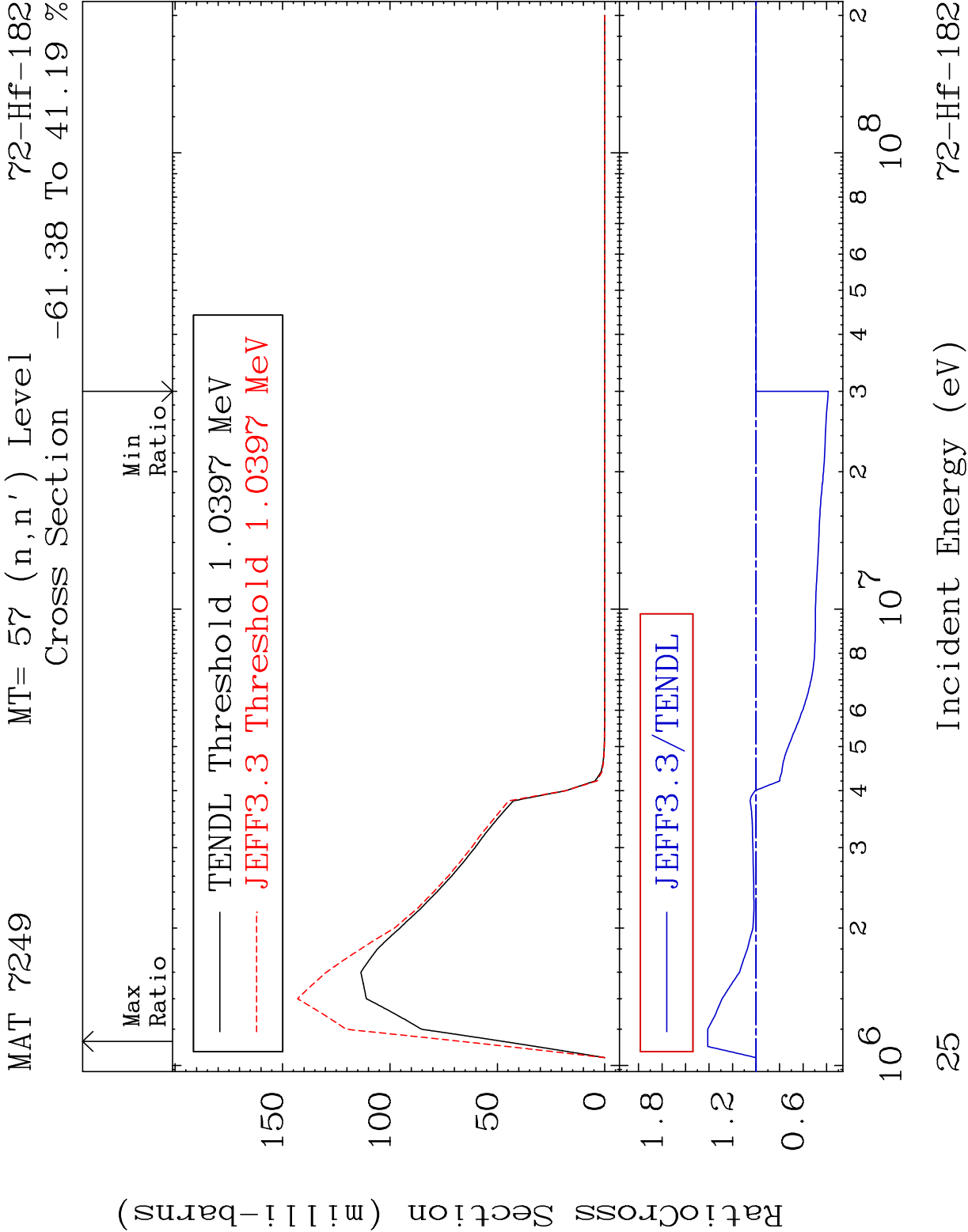


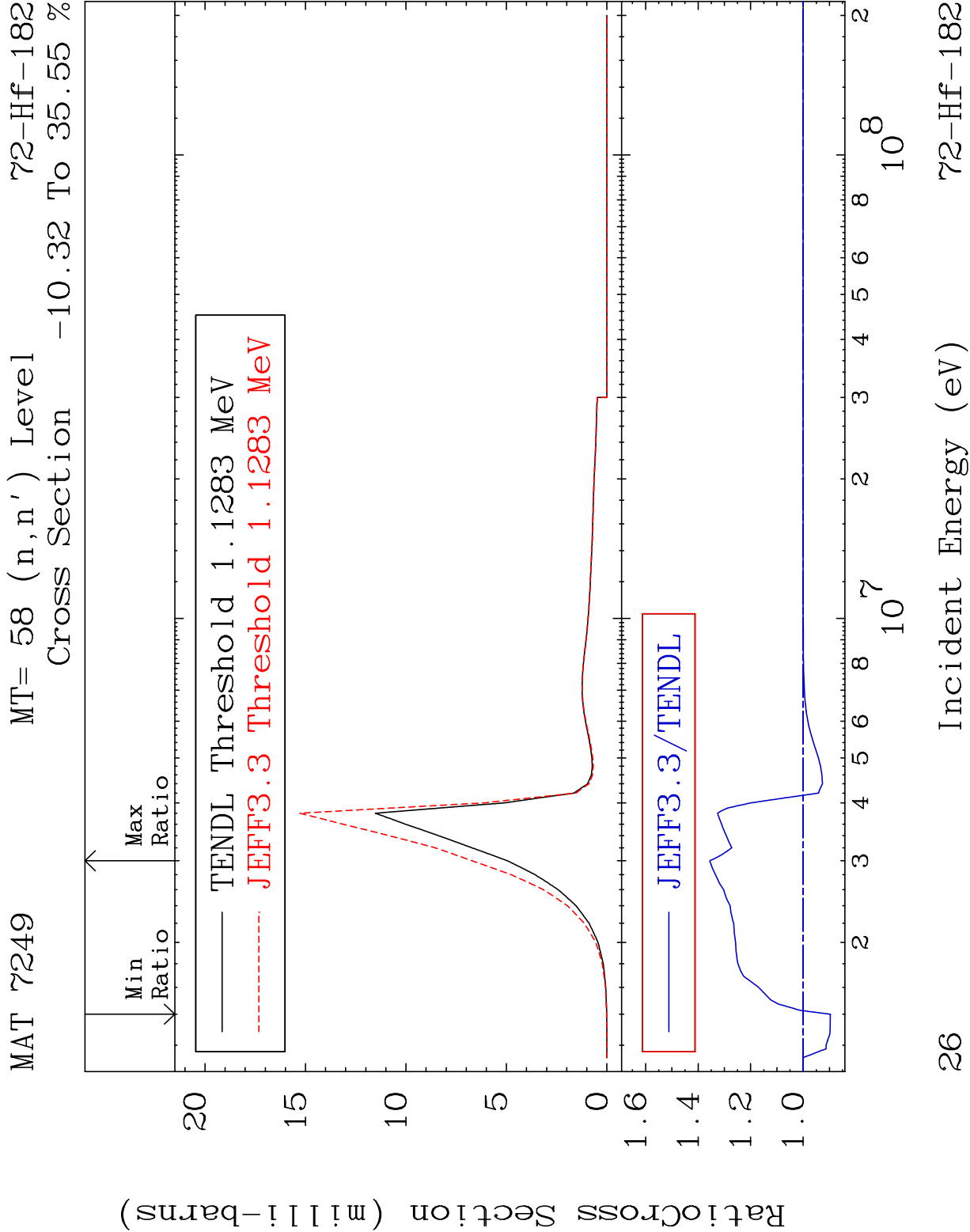
MAT 7249 MT= 55 (n,n') Level 72-Hf-182
Cross Section -14.66 To 45.36 %

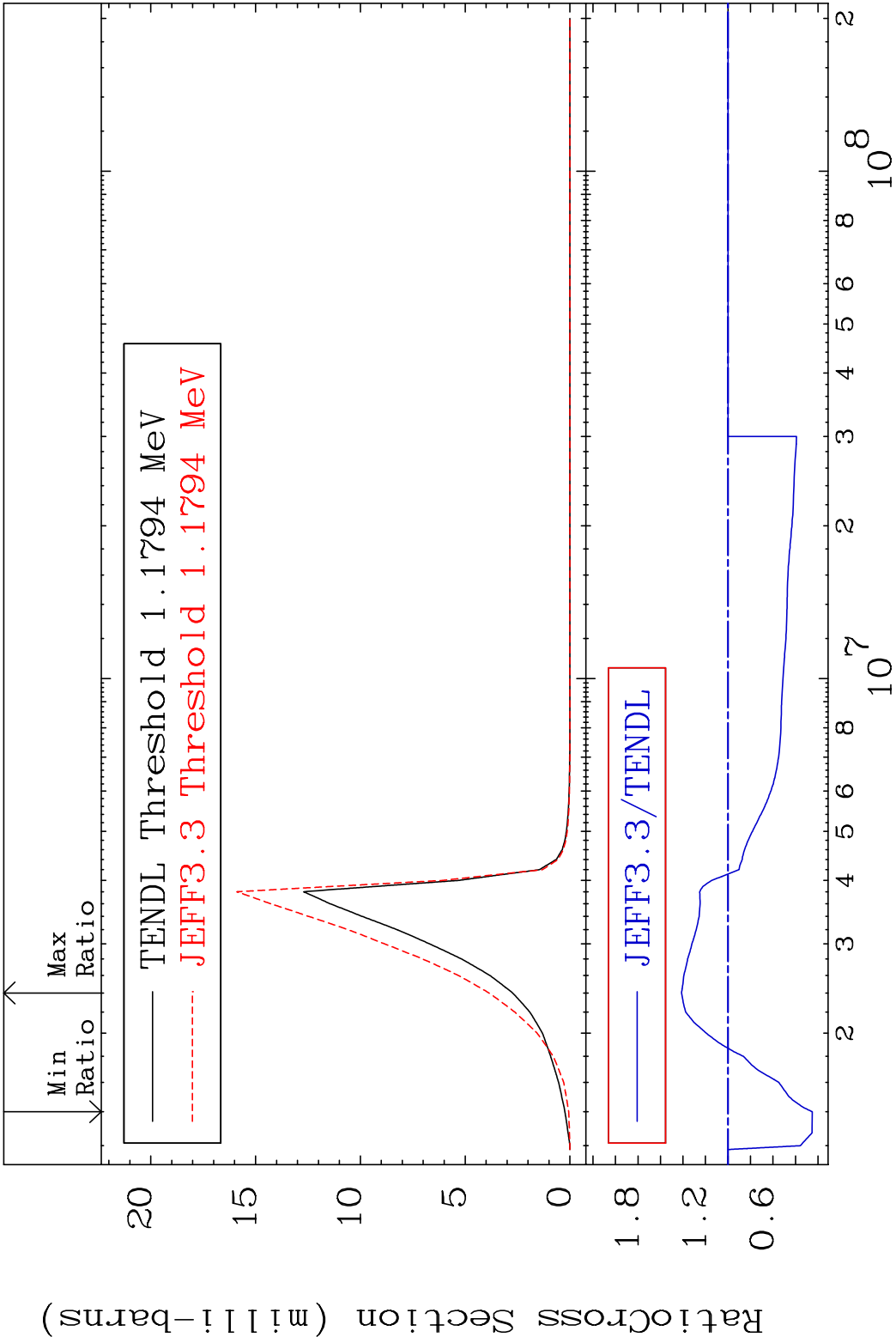


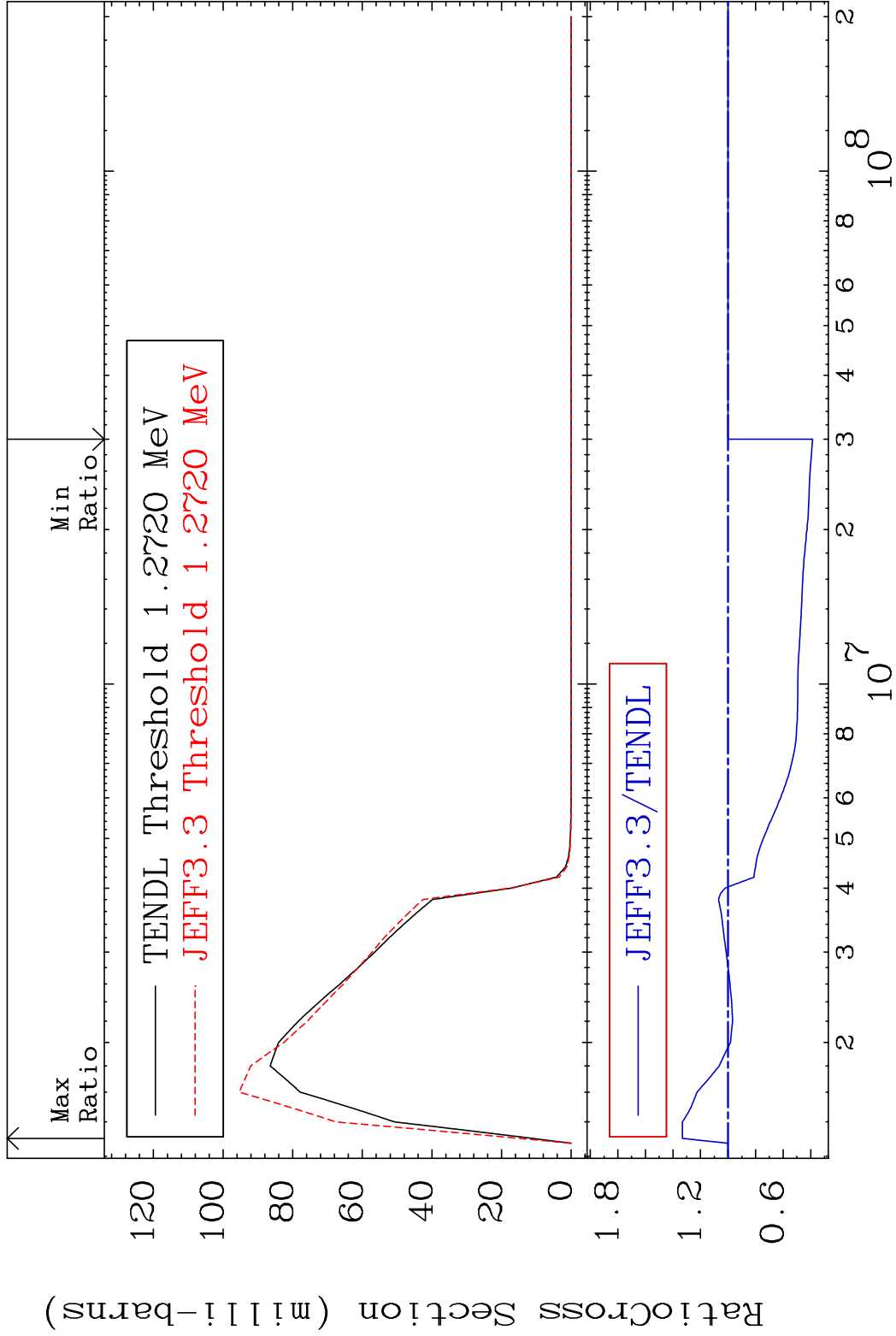
MAT 7249 MT= 56 (n,n') Level 72-Hf-182
Cross Section -100.0 To 22.52 %



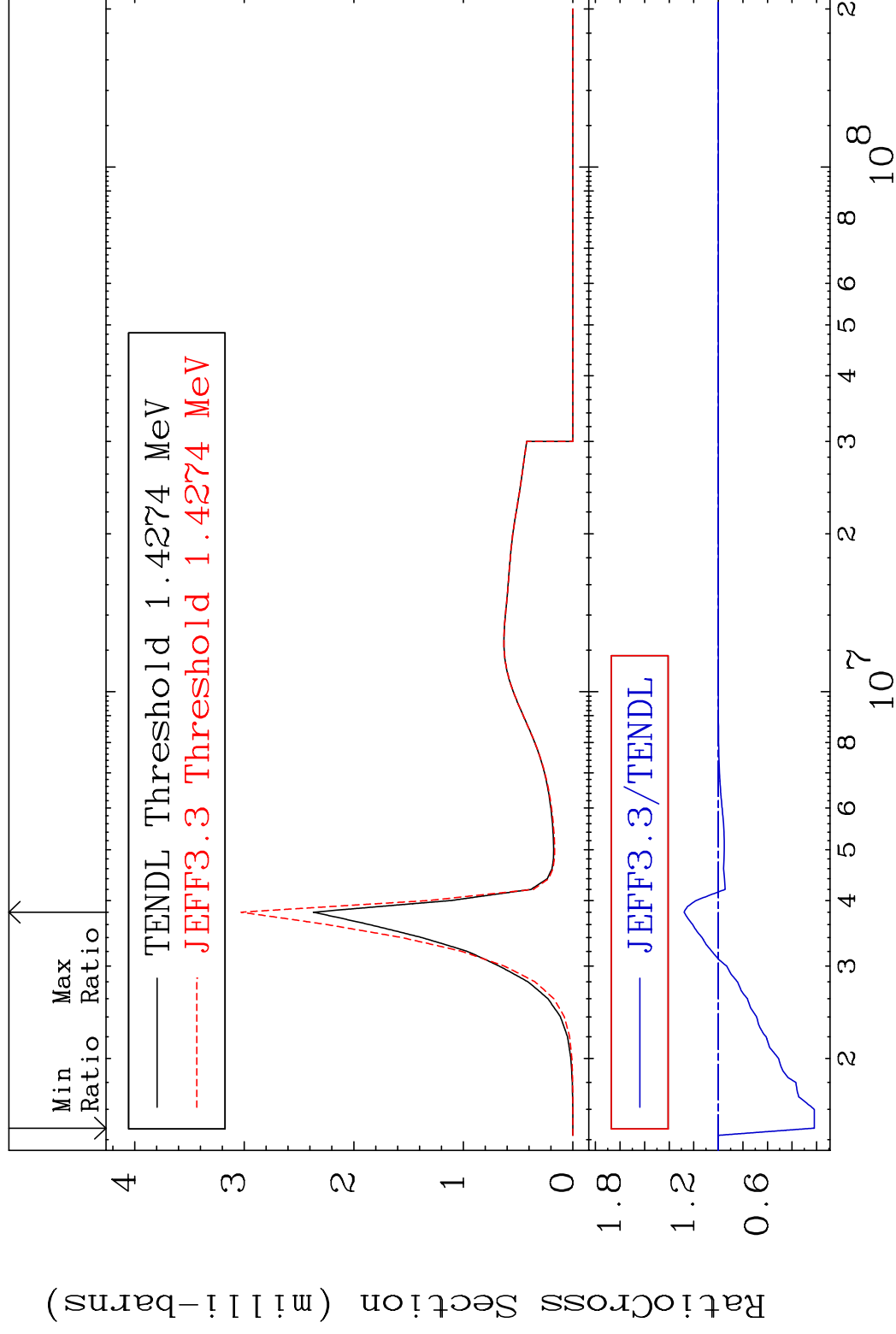








Cross Section -78.10 To 27.88 %



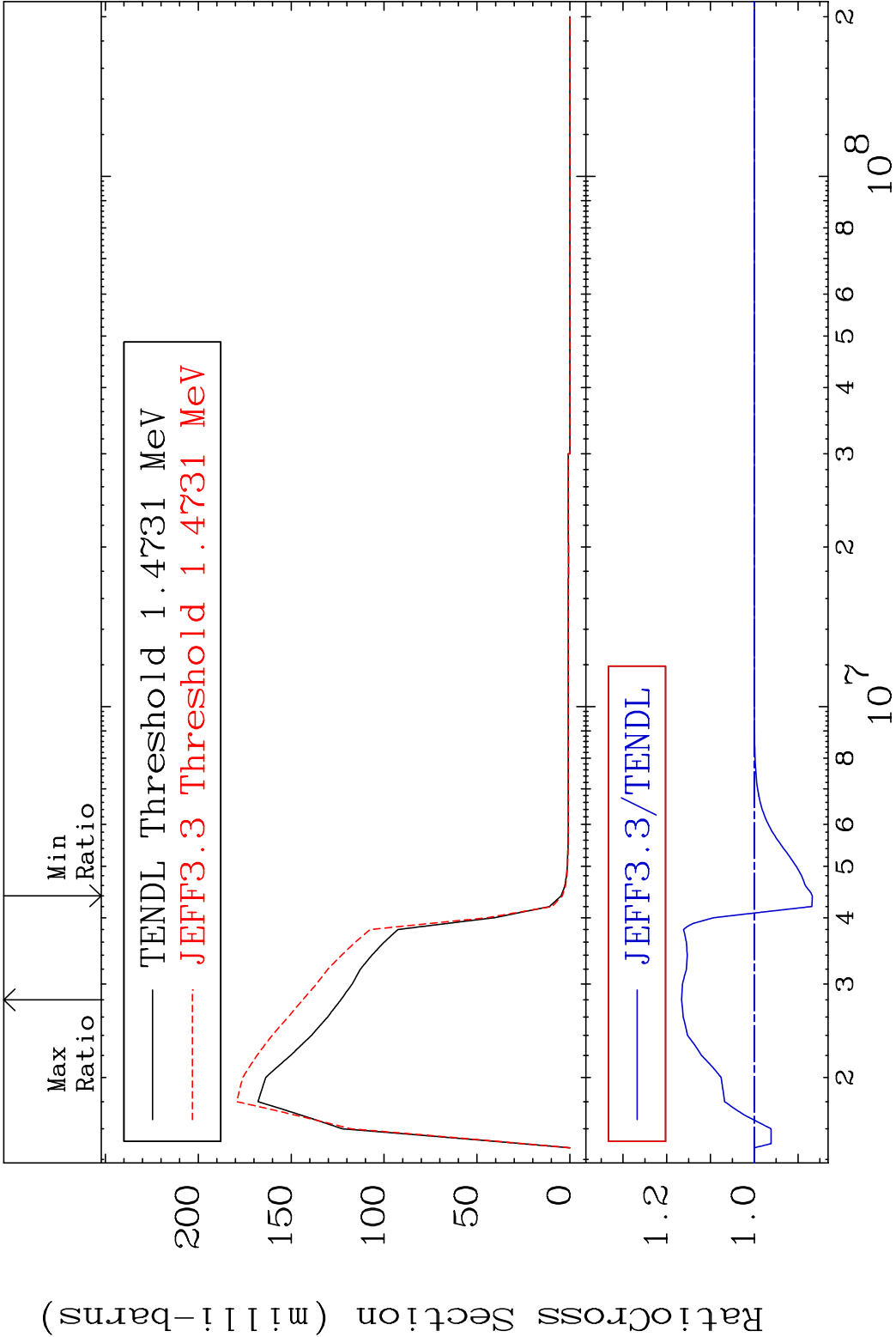
MAT 7249

MT= 62 (n,n') Level

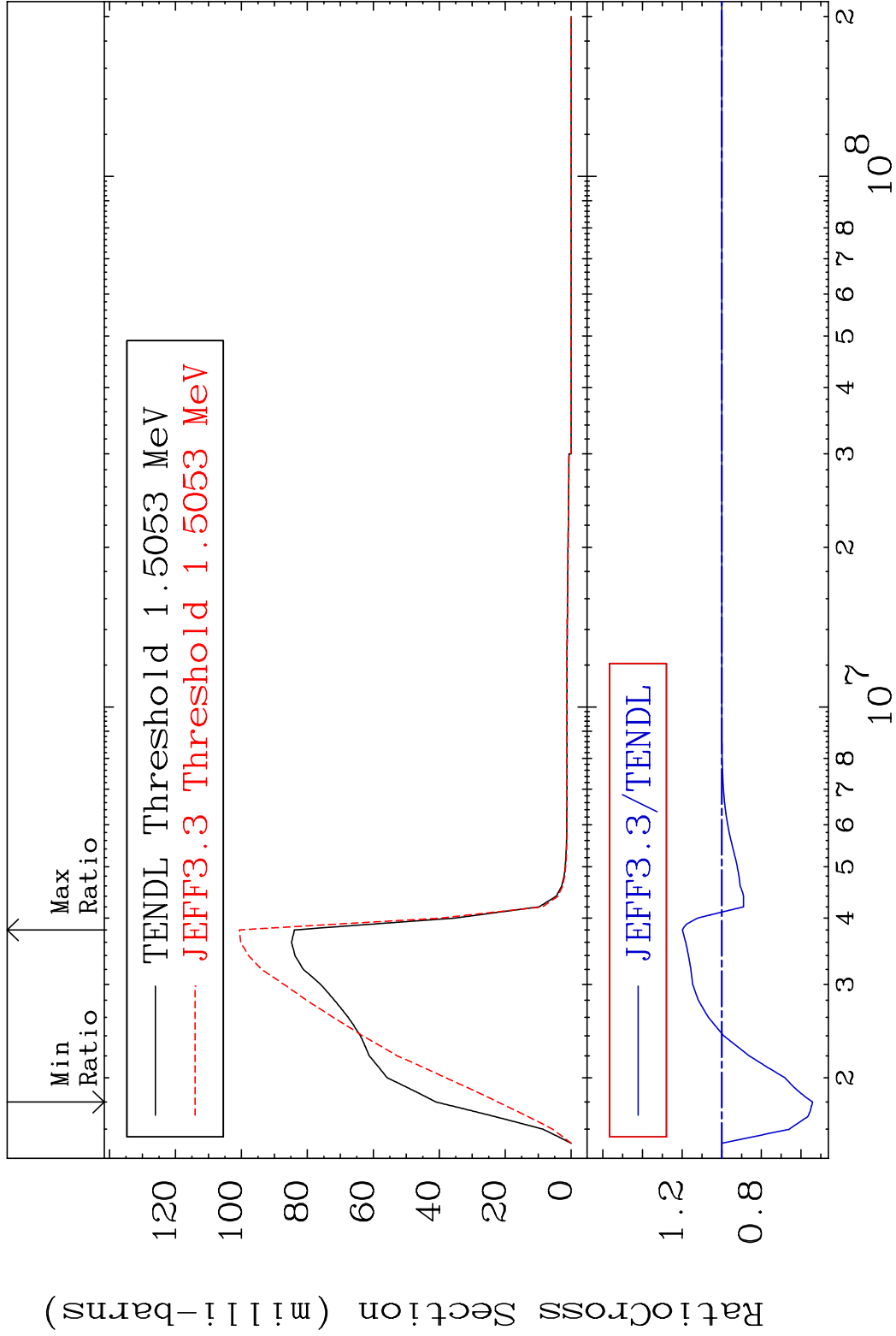
72-Hf-182

Cross Section

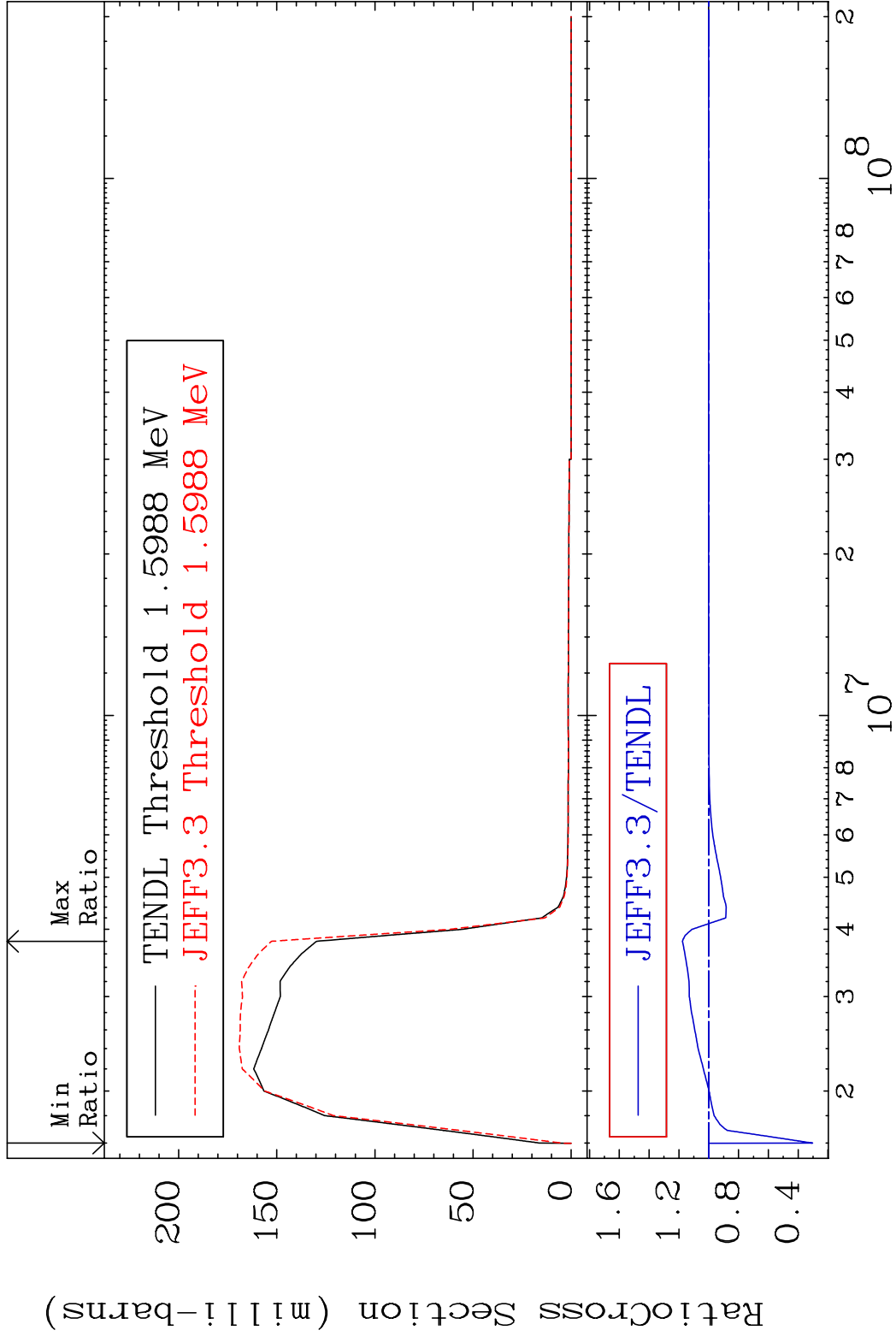
-13.24 To 16.62 %



MAT 7249 MT= 63 (n,n') Level 72-Hf-182
Cross Section -45.83 To 19.89 %



MAT 7249 MT= 64 (n,n') Level 72-Hf-182
Cross Section -69.66 To 17.69 %



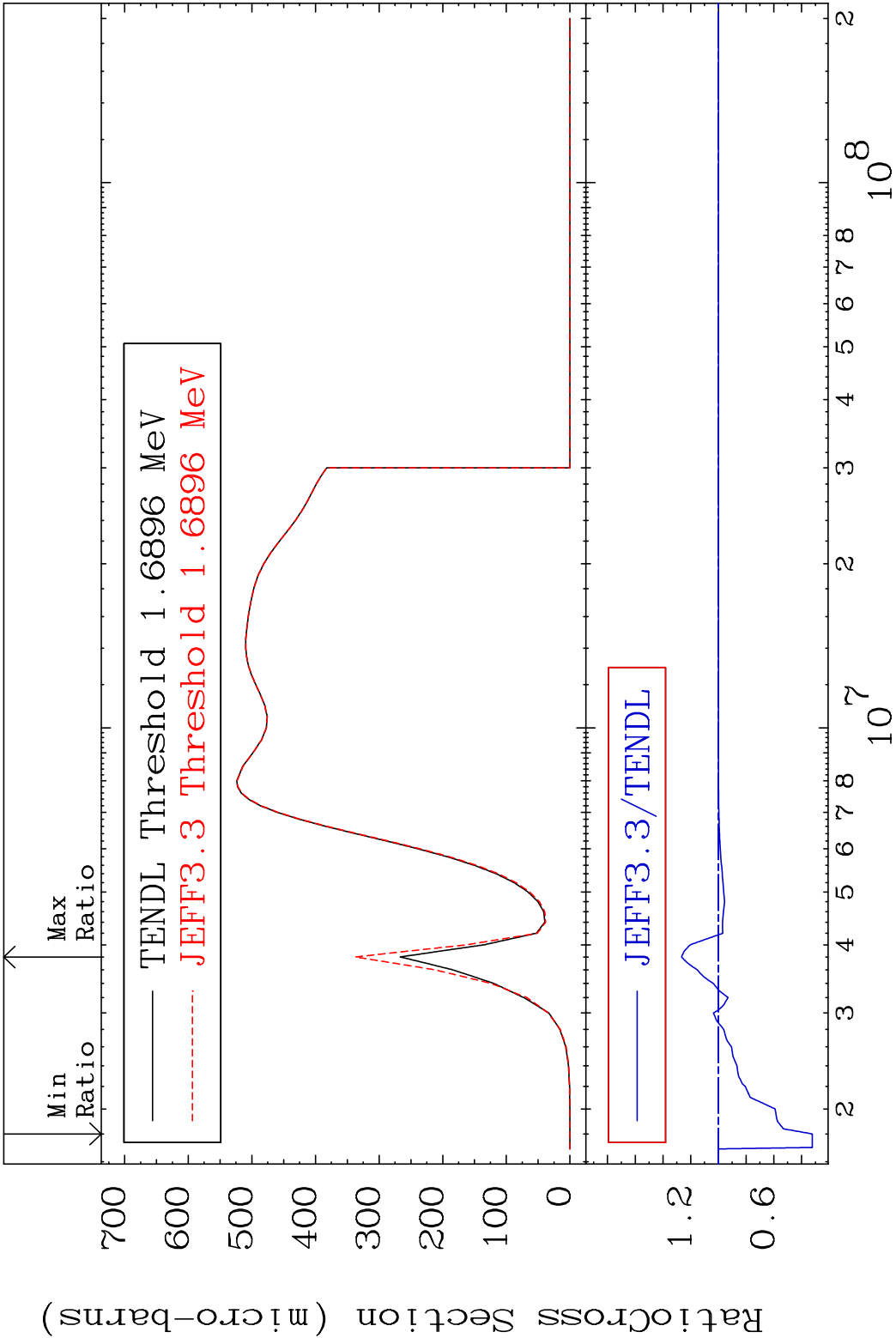
MAT 7249

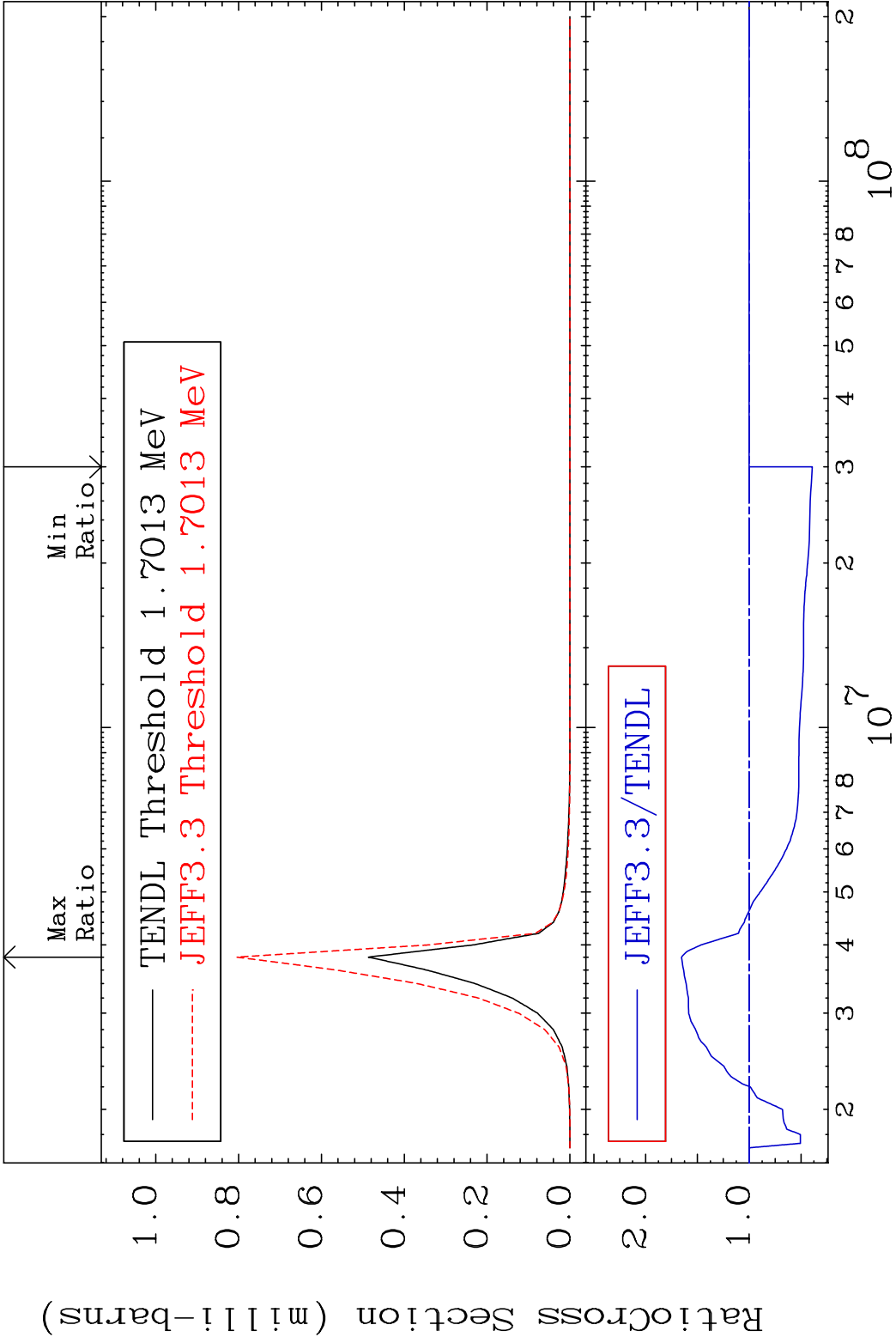
MT= 65 (n,n') Level

72-Hf-182

Cross Section

-67.72 To 26.58 %





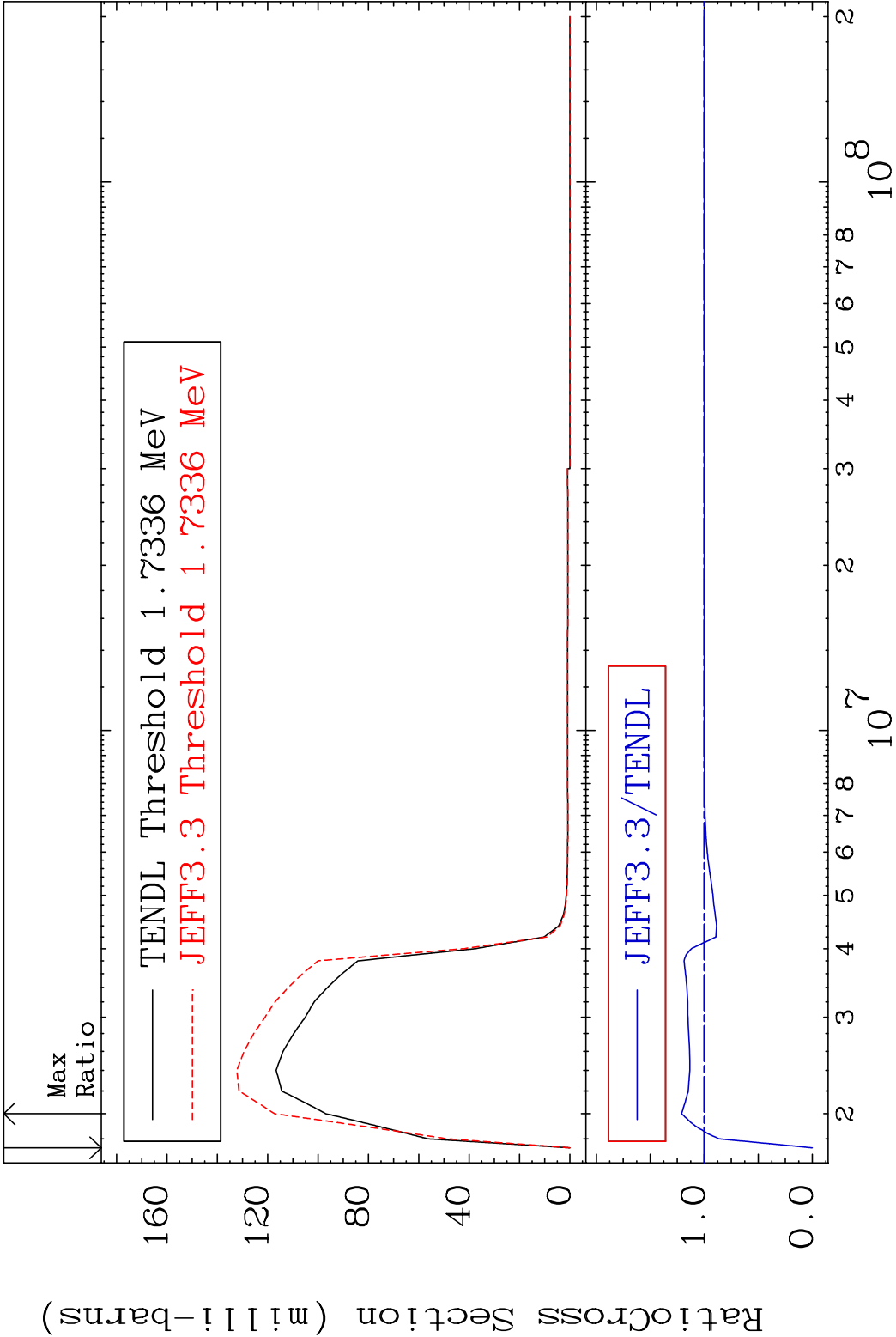
MAT 7249

MT= 67 (n,n') Level

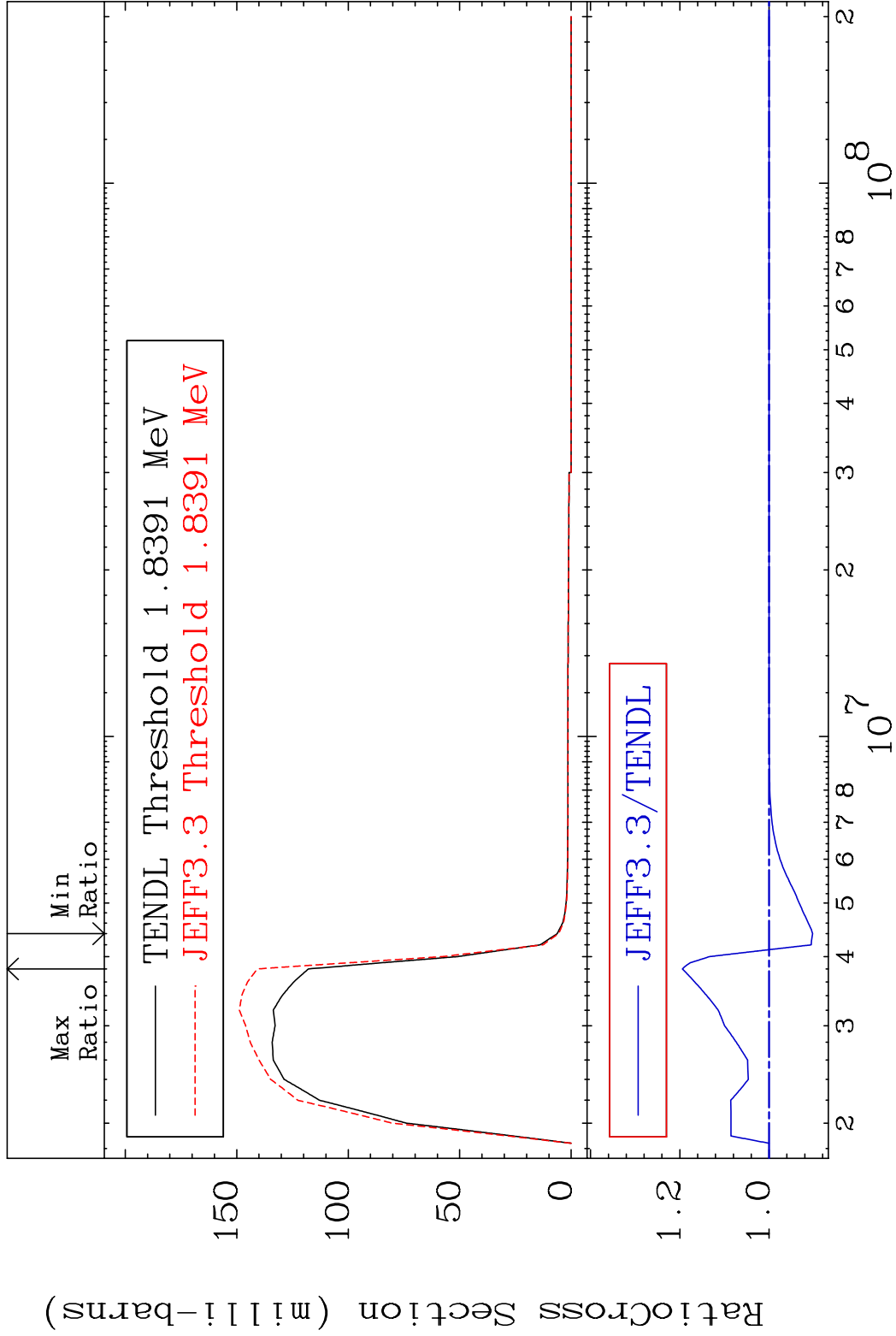
72-Hf-182

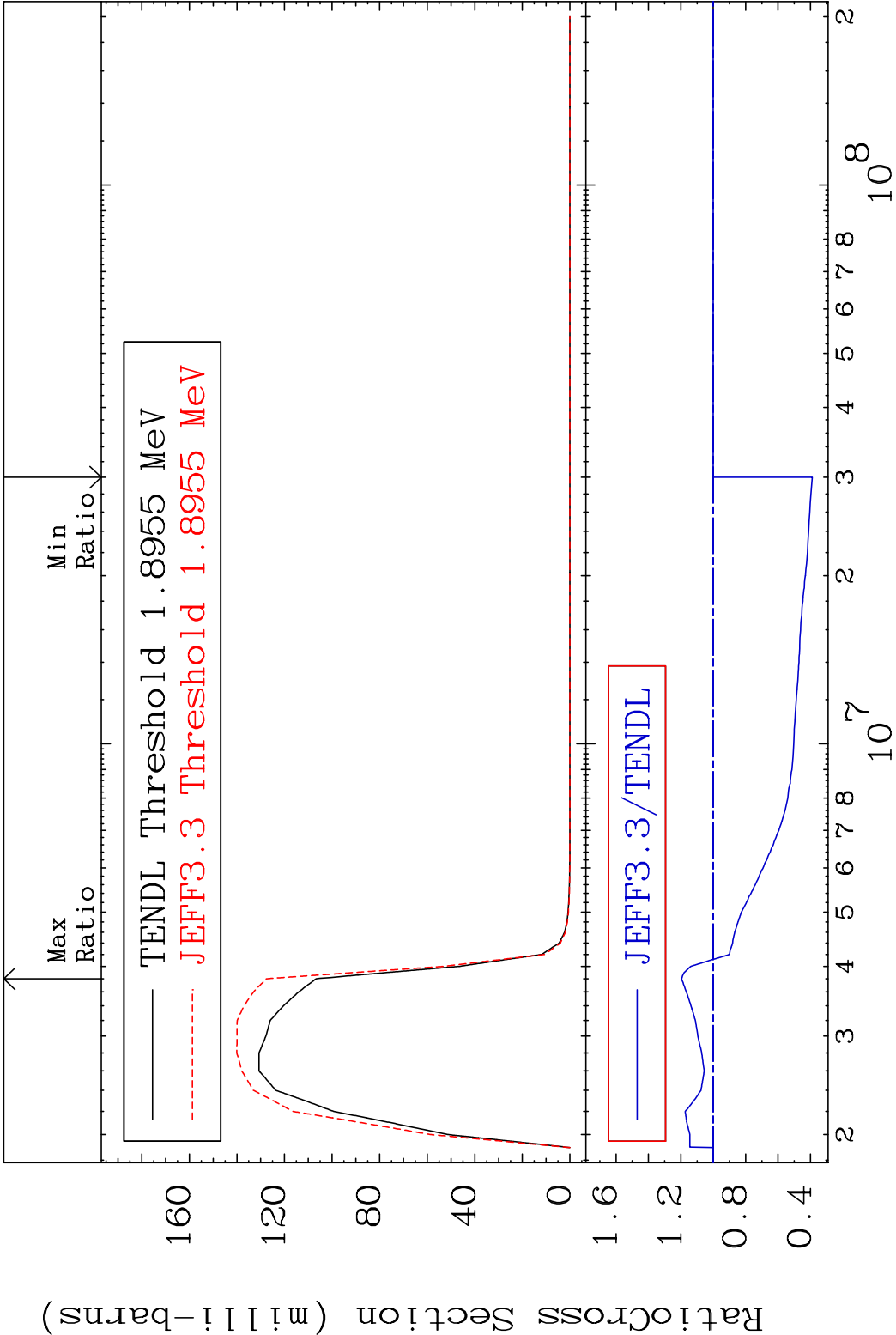
Cross Section

-100.0 To 21.06 %



MAT 7249 MT= 68 (n,n') Level 72-Hf-182
Cross Section -9.747 To 19.43 %





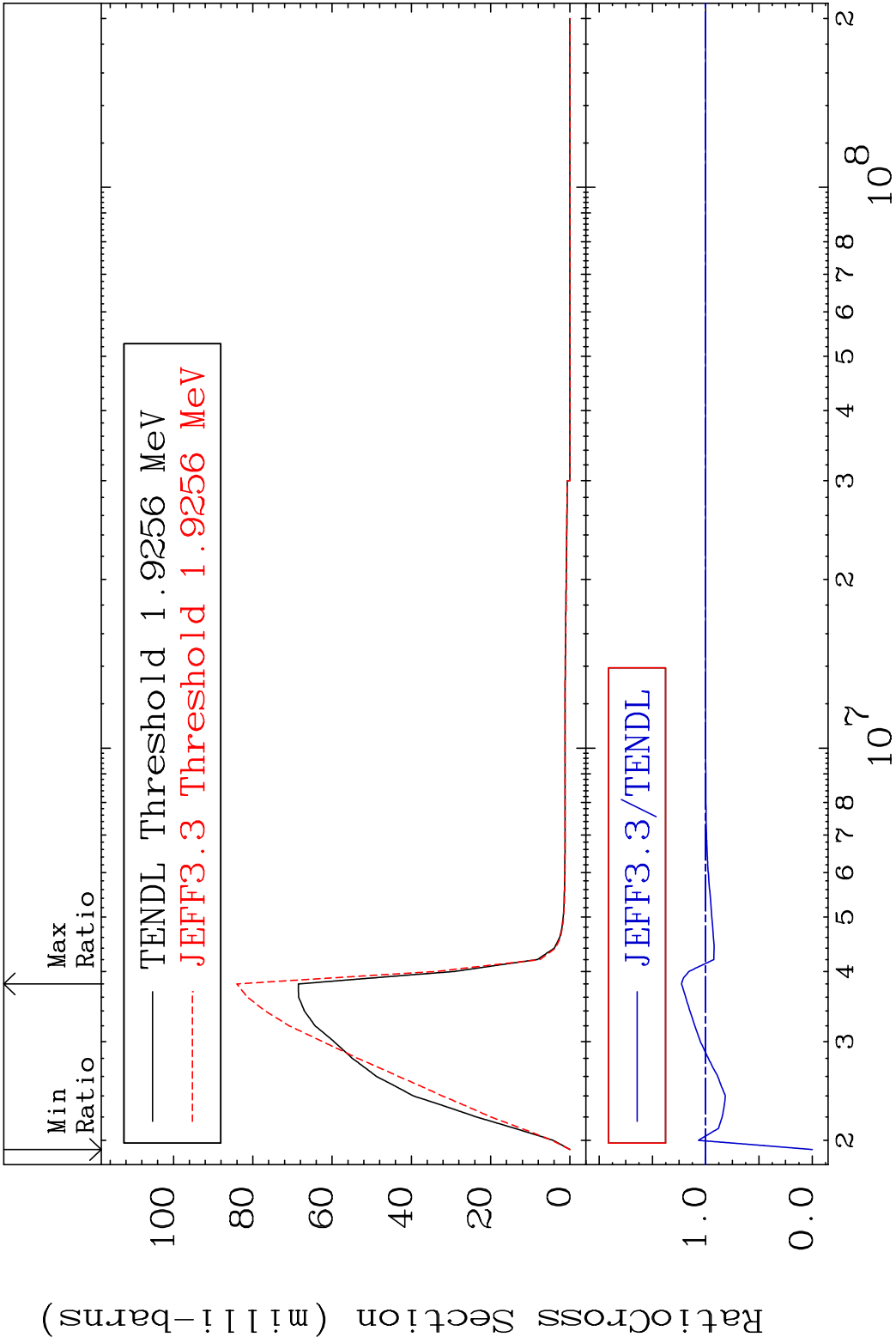
MAT 7249

MT= 70 (n,n') Level

72-Hf-182

Cross Section

-100.0 To 22.66 %



MAT 7249

MT= 71 (n,n')

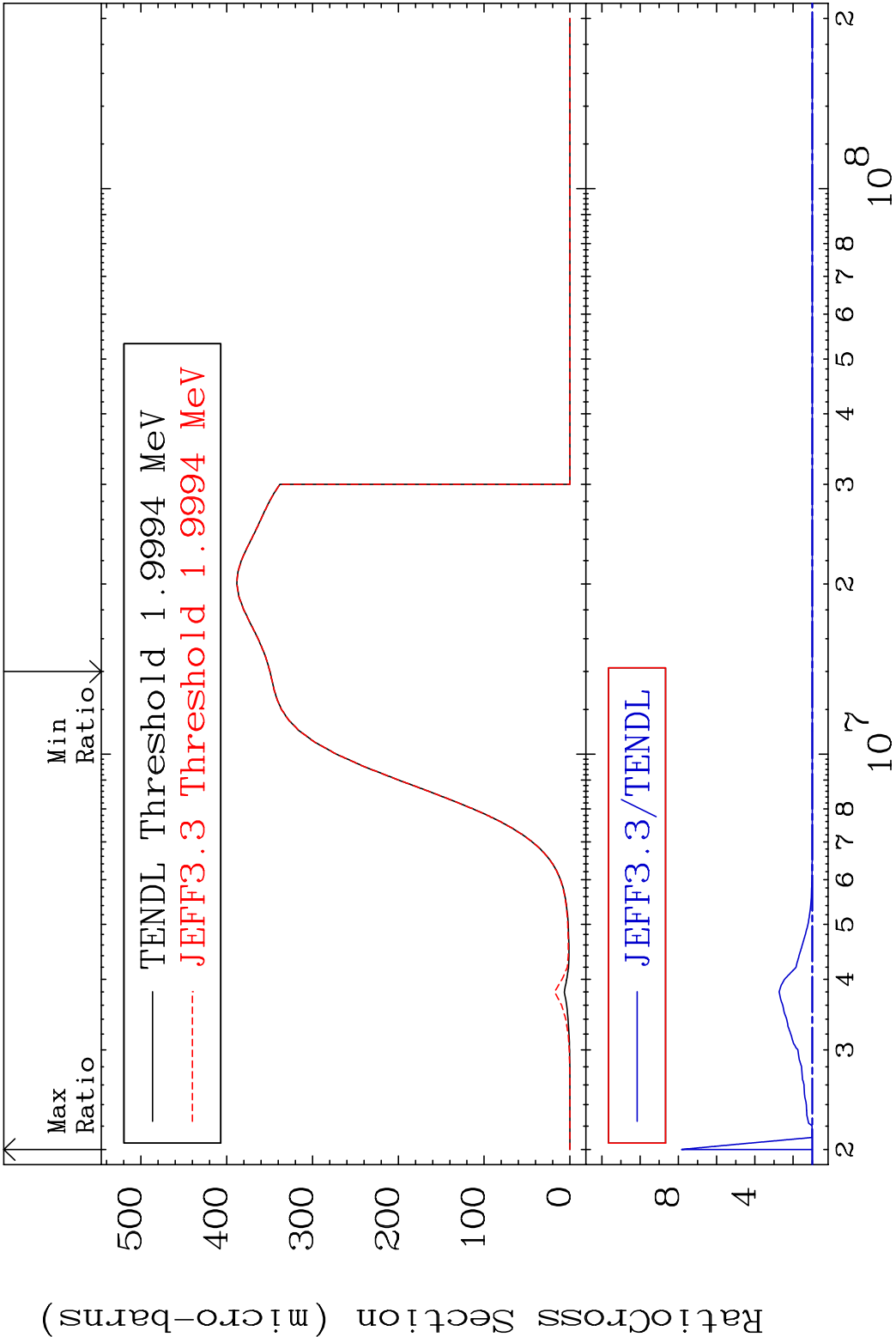
Level

72-Hf-182

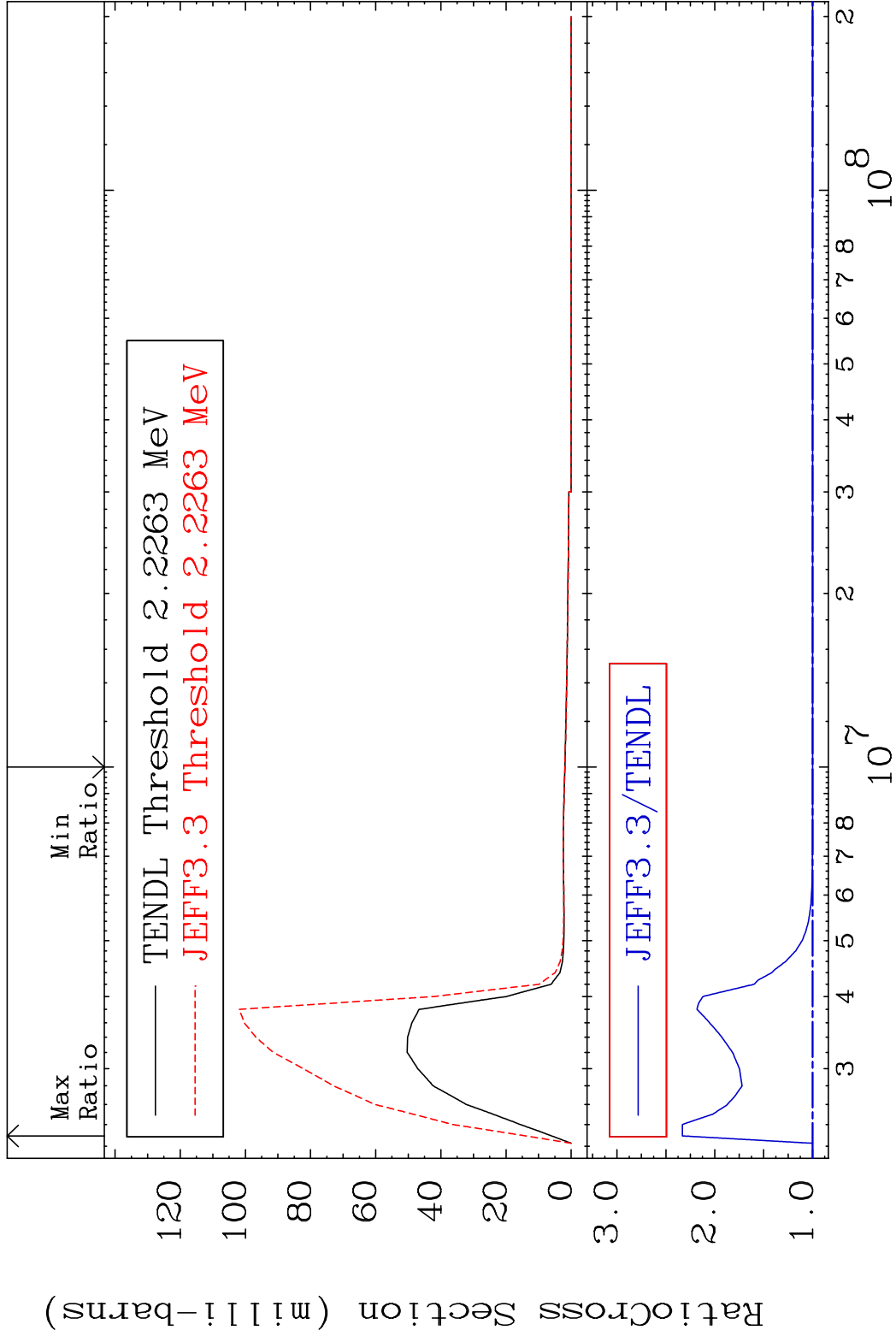
Cross Section

0.000

To 683.4 %

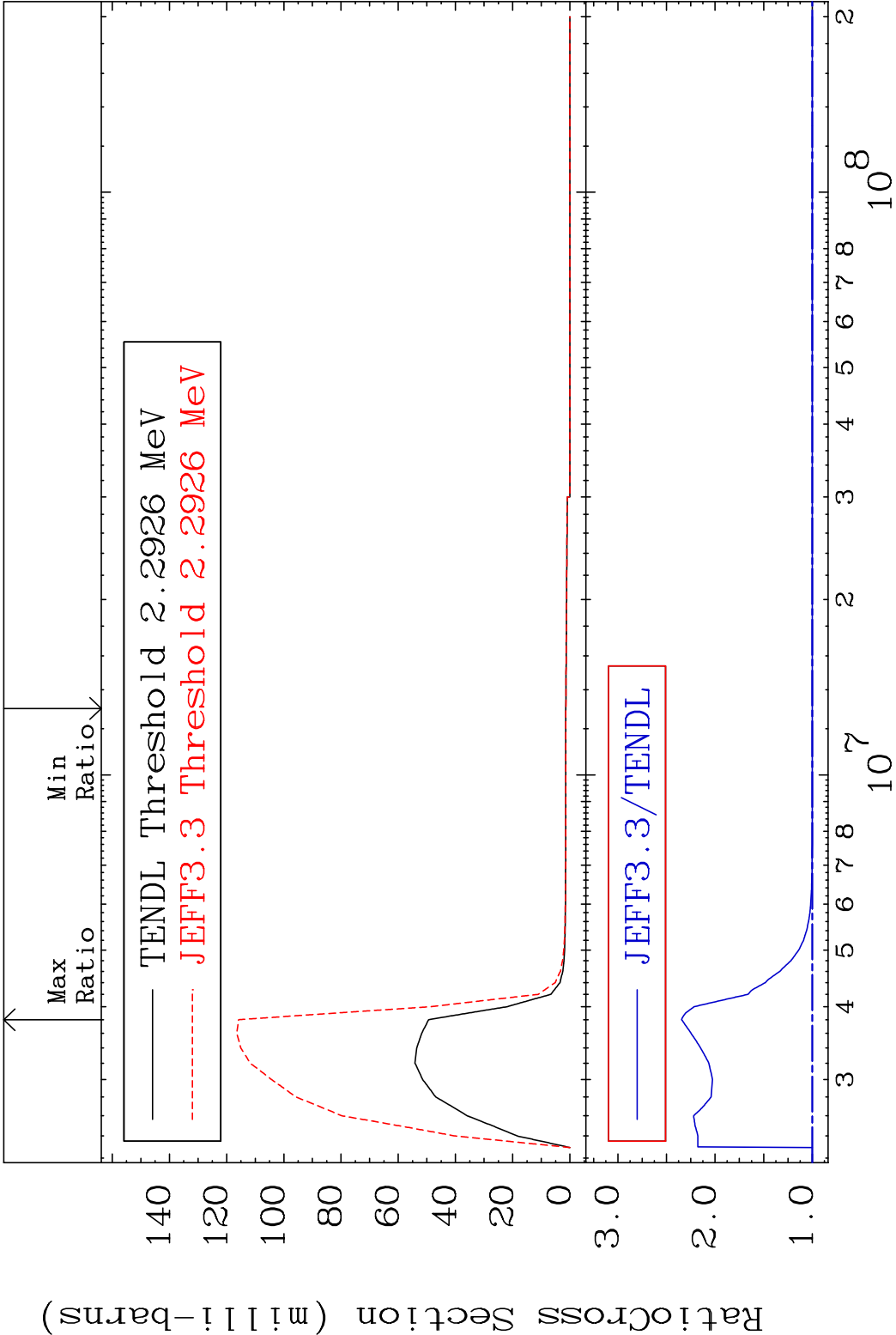


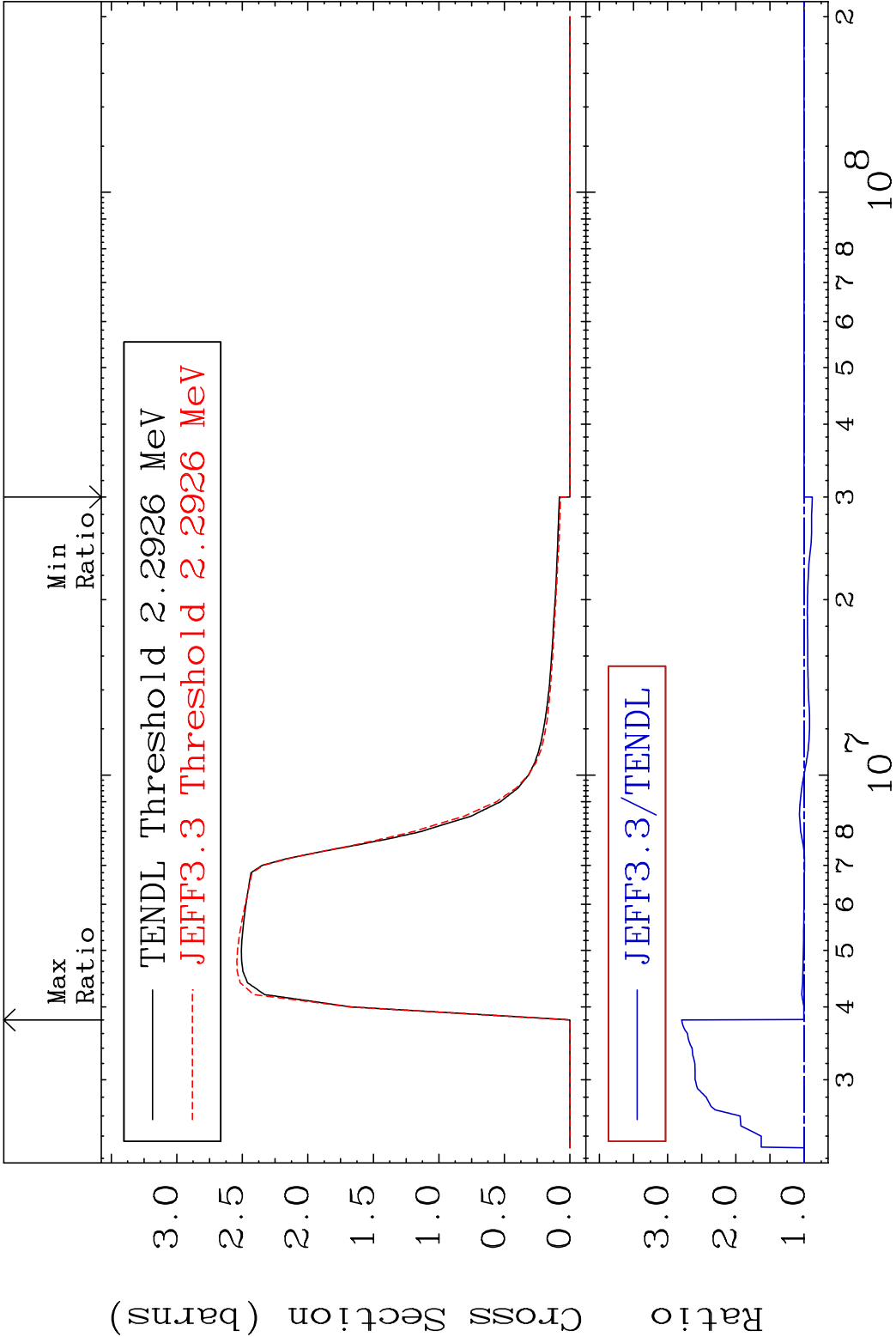
MAT 7249 MT= 72 (n,n') Level 72-Hf-182
Cross Section 0.000 To 133.1 %

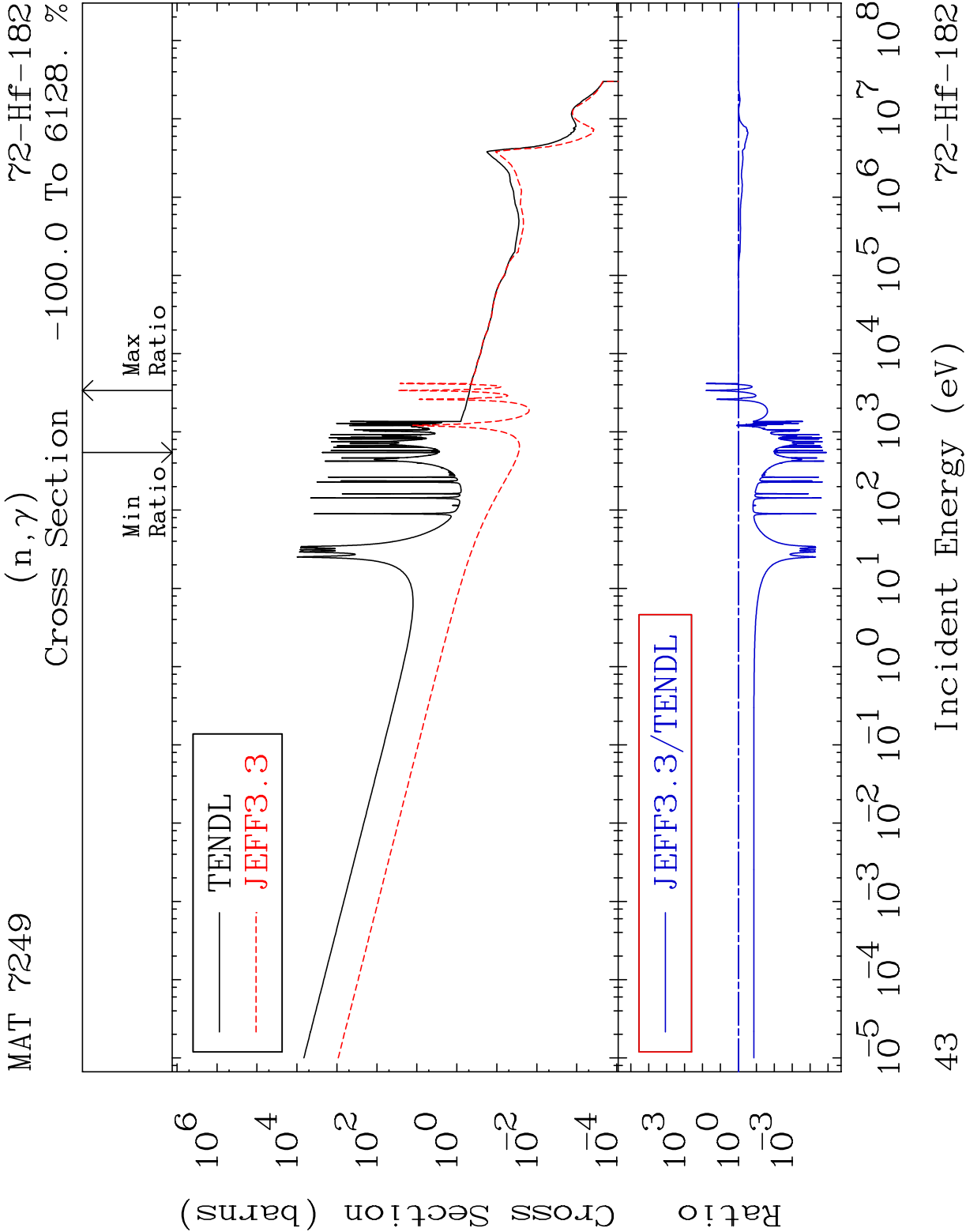


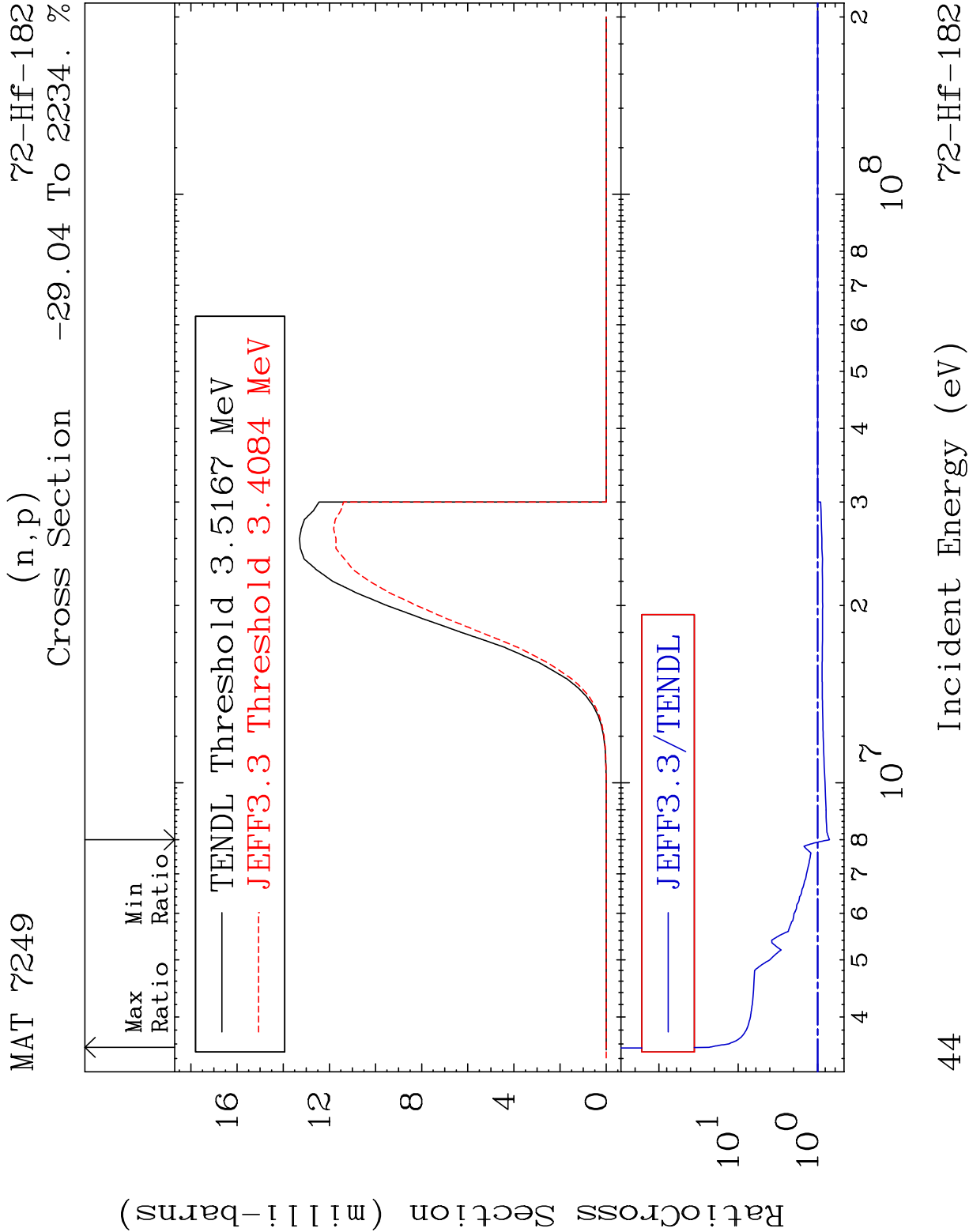
40 Incident Energy (eV) 72-Hf-182

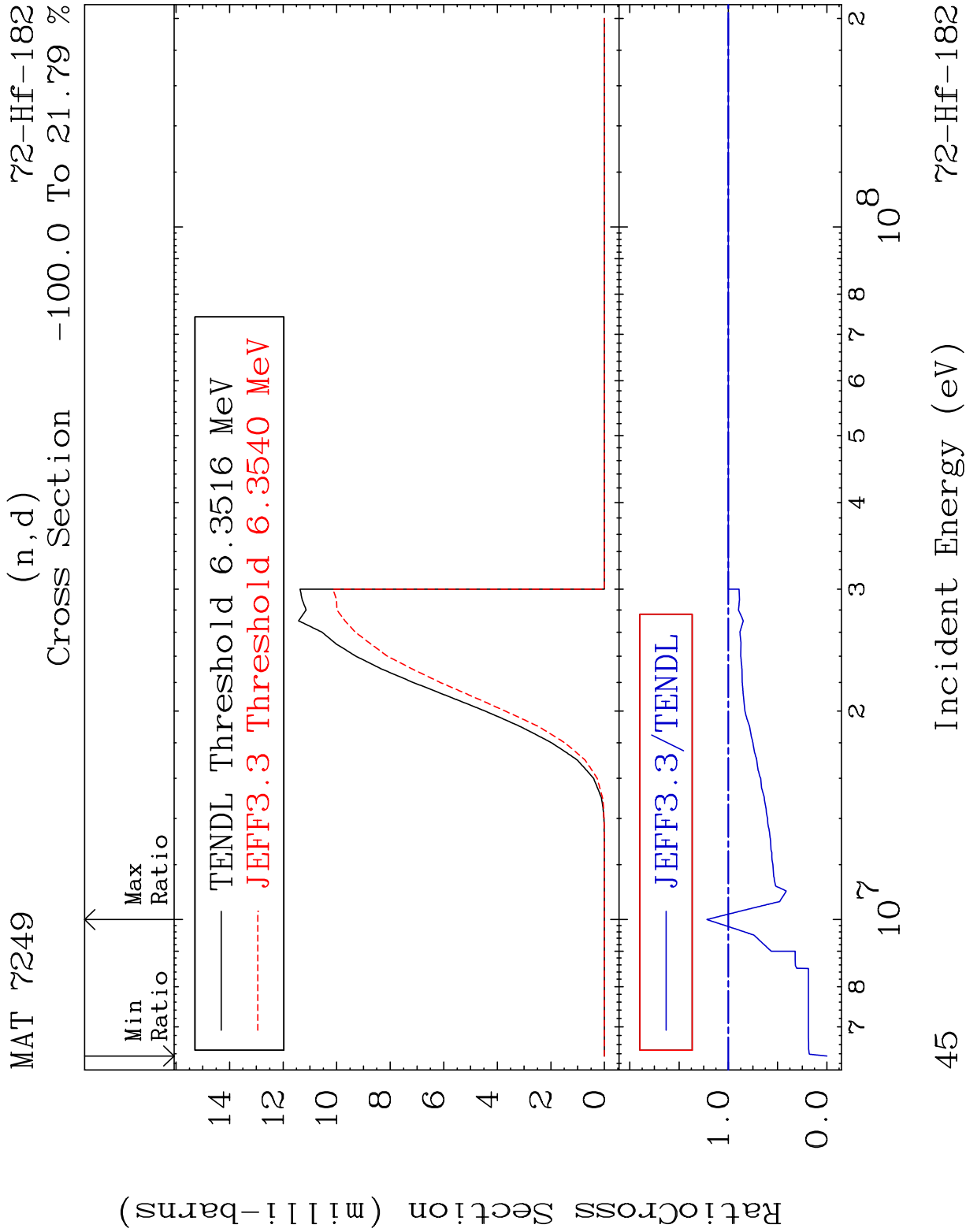
MAT 7249 MT= 73 (n,n') Level 72-Hf-182
Cross Section 0.000 To 134.5 %

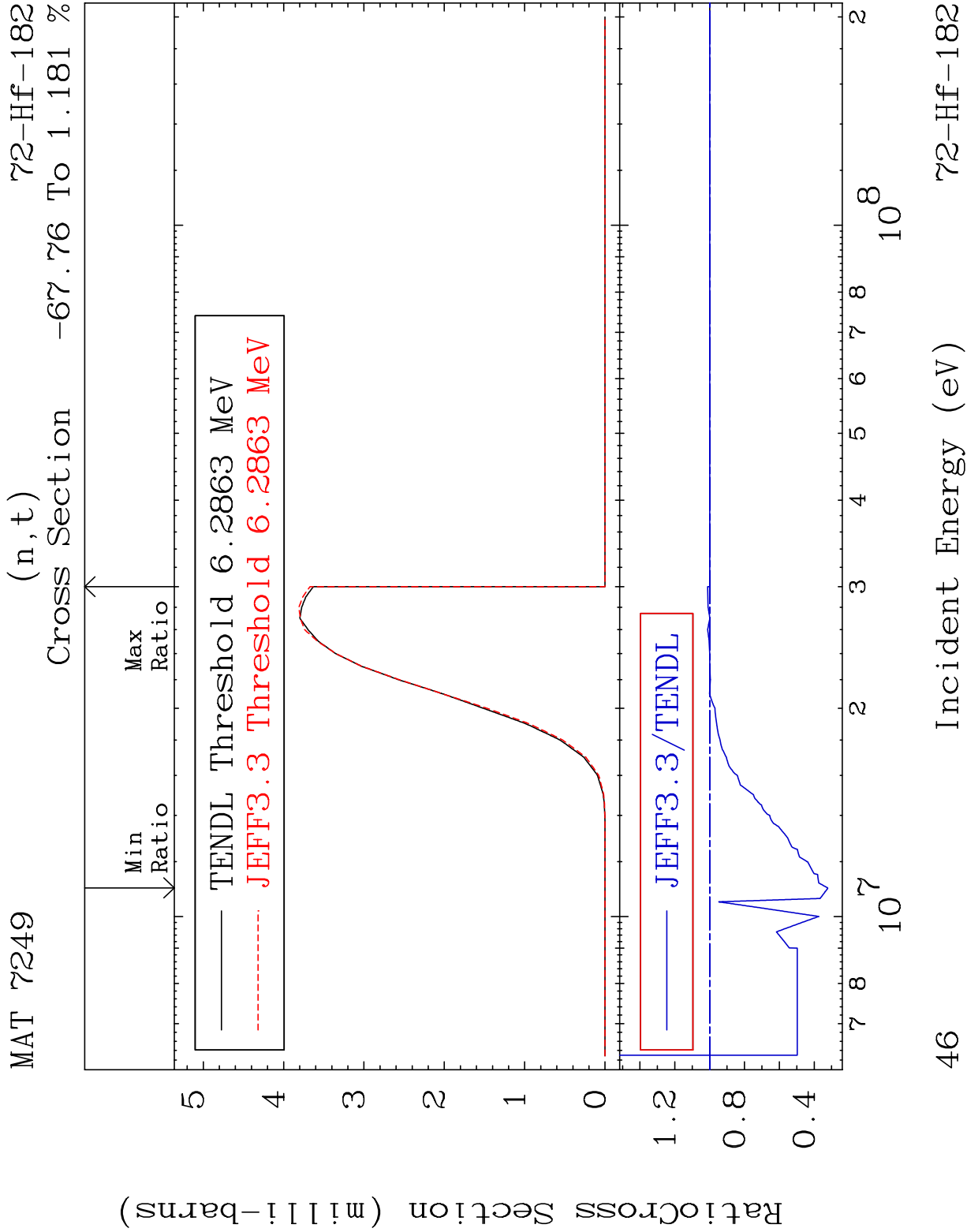


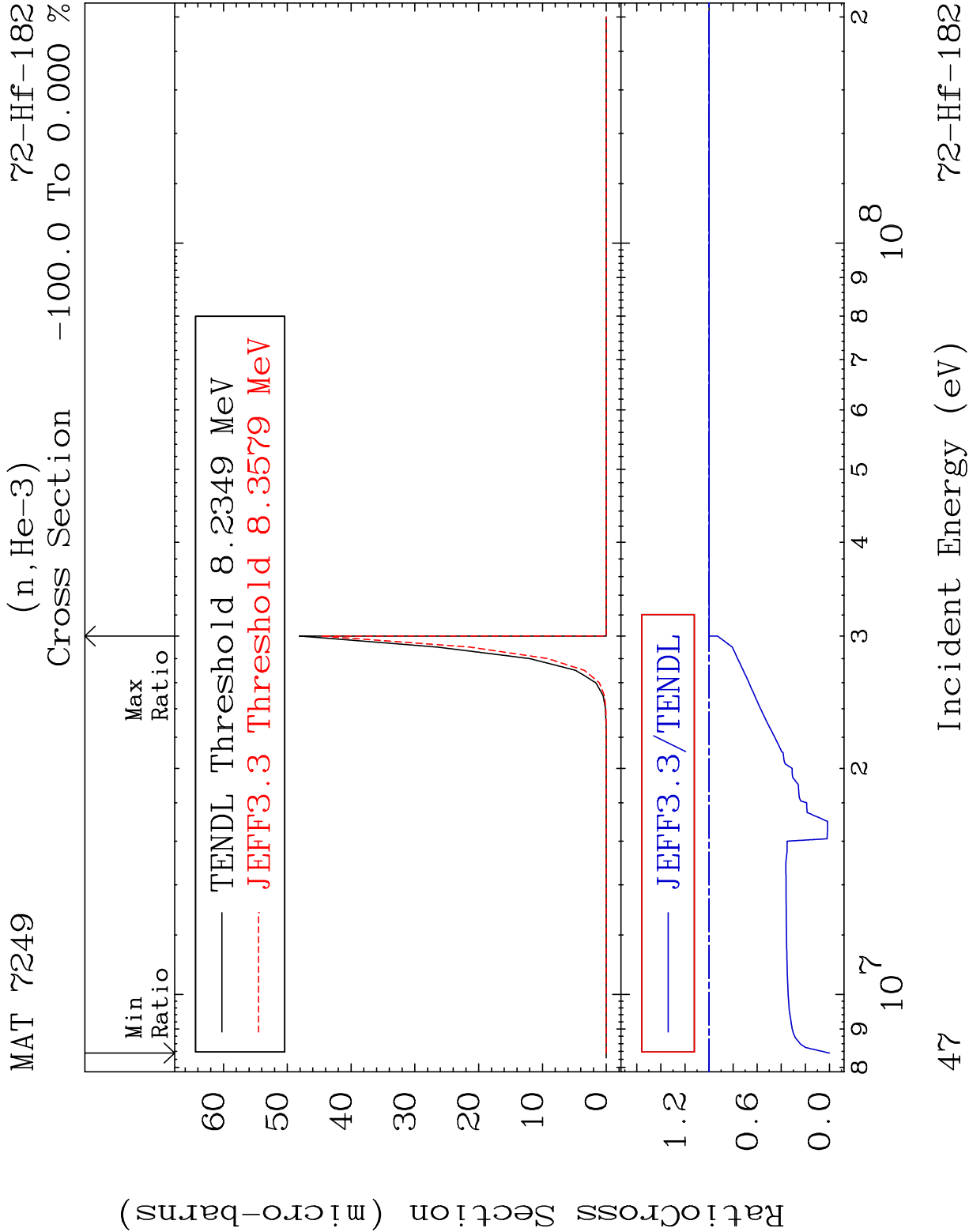


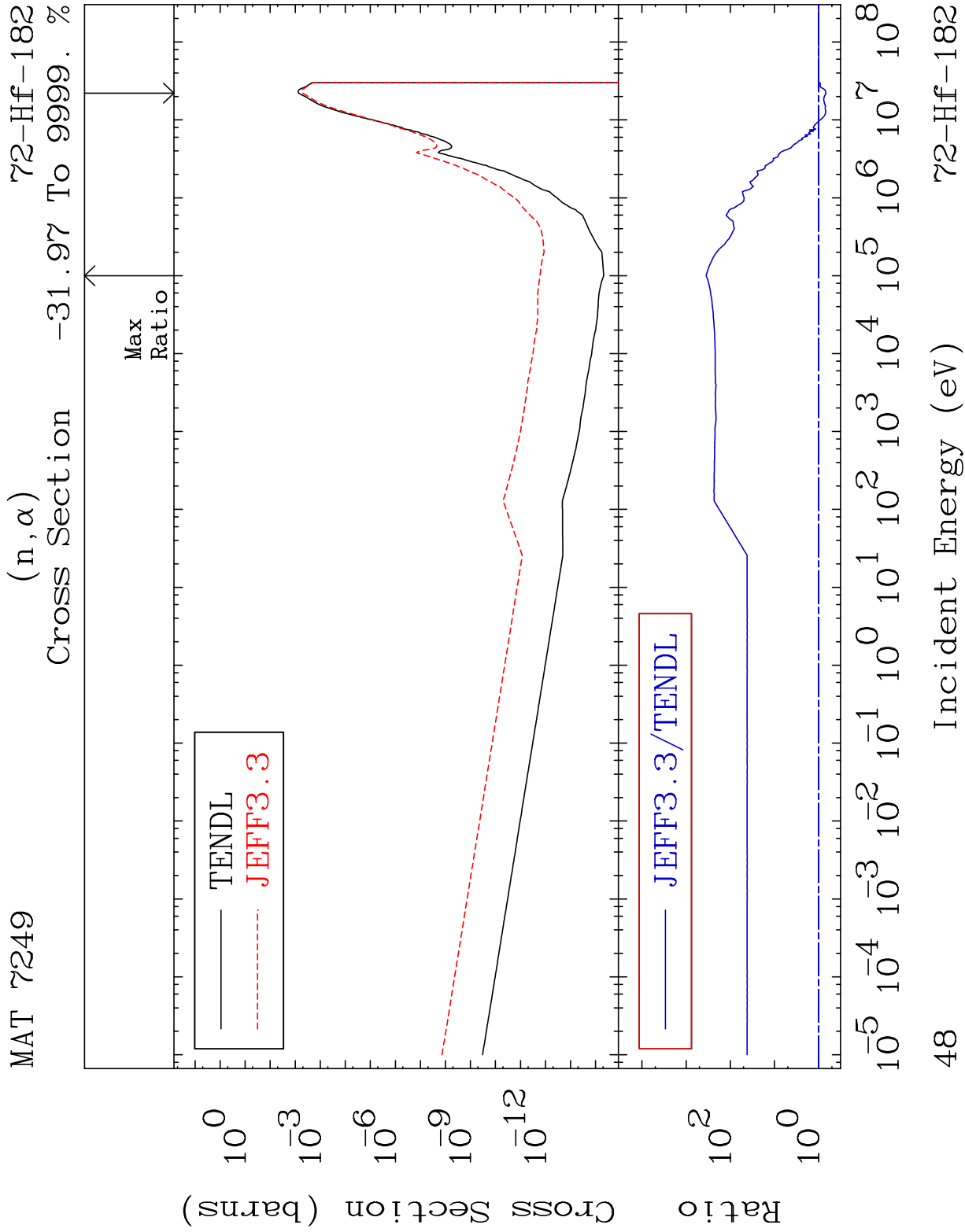


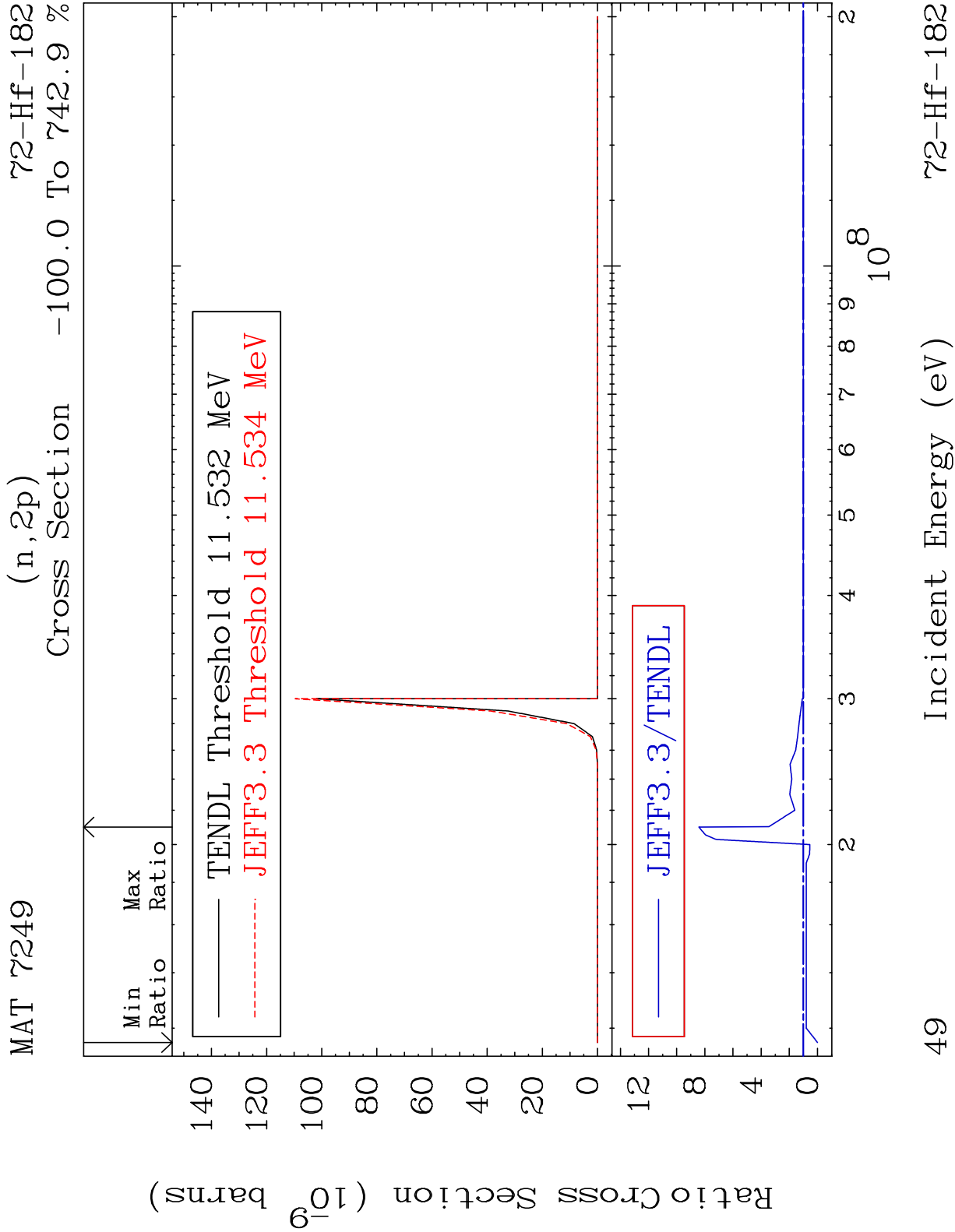


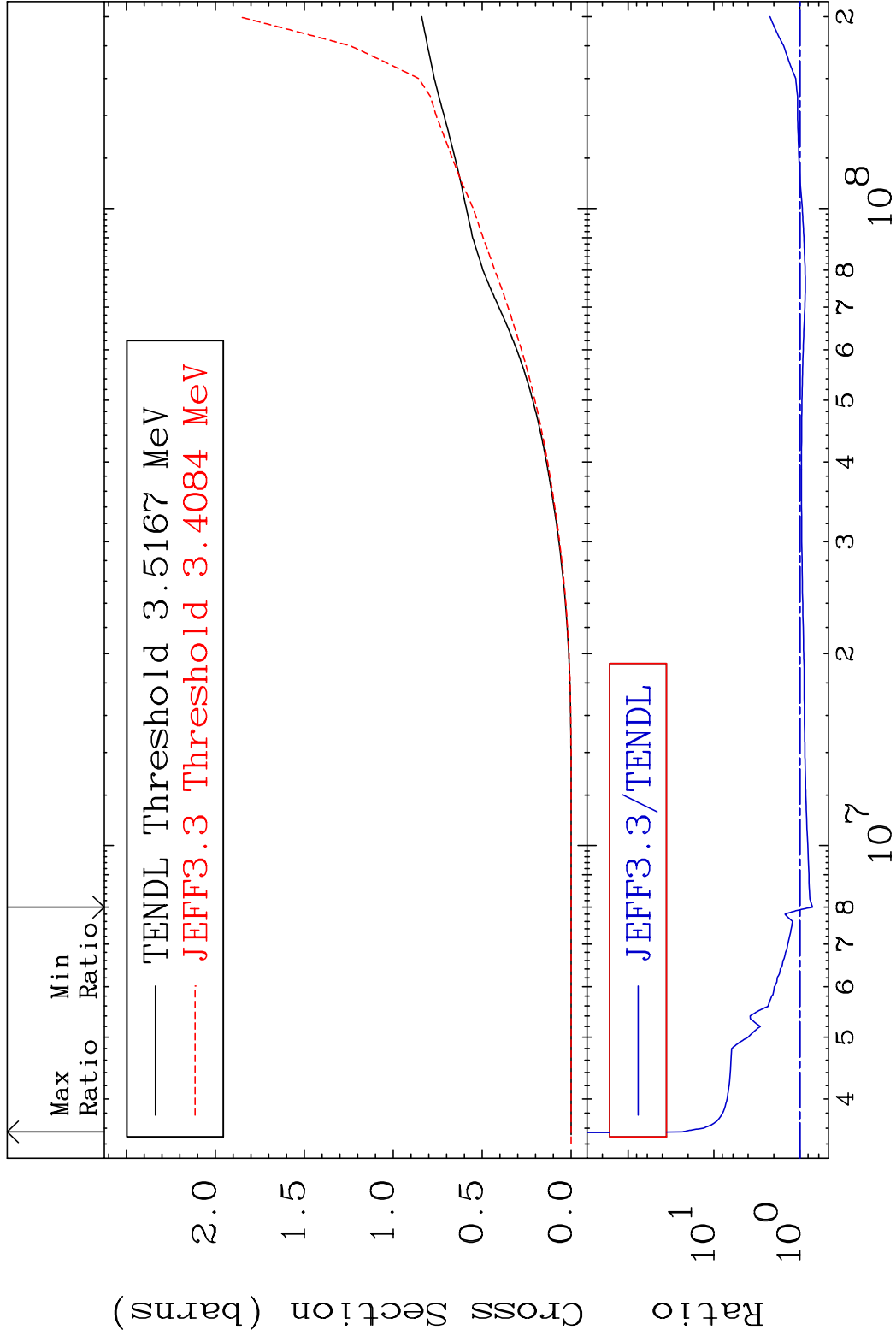


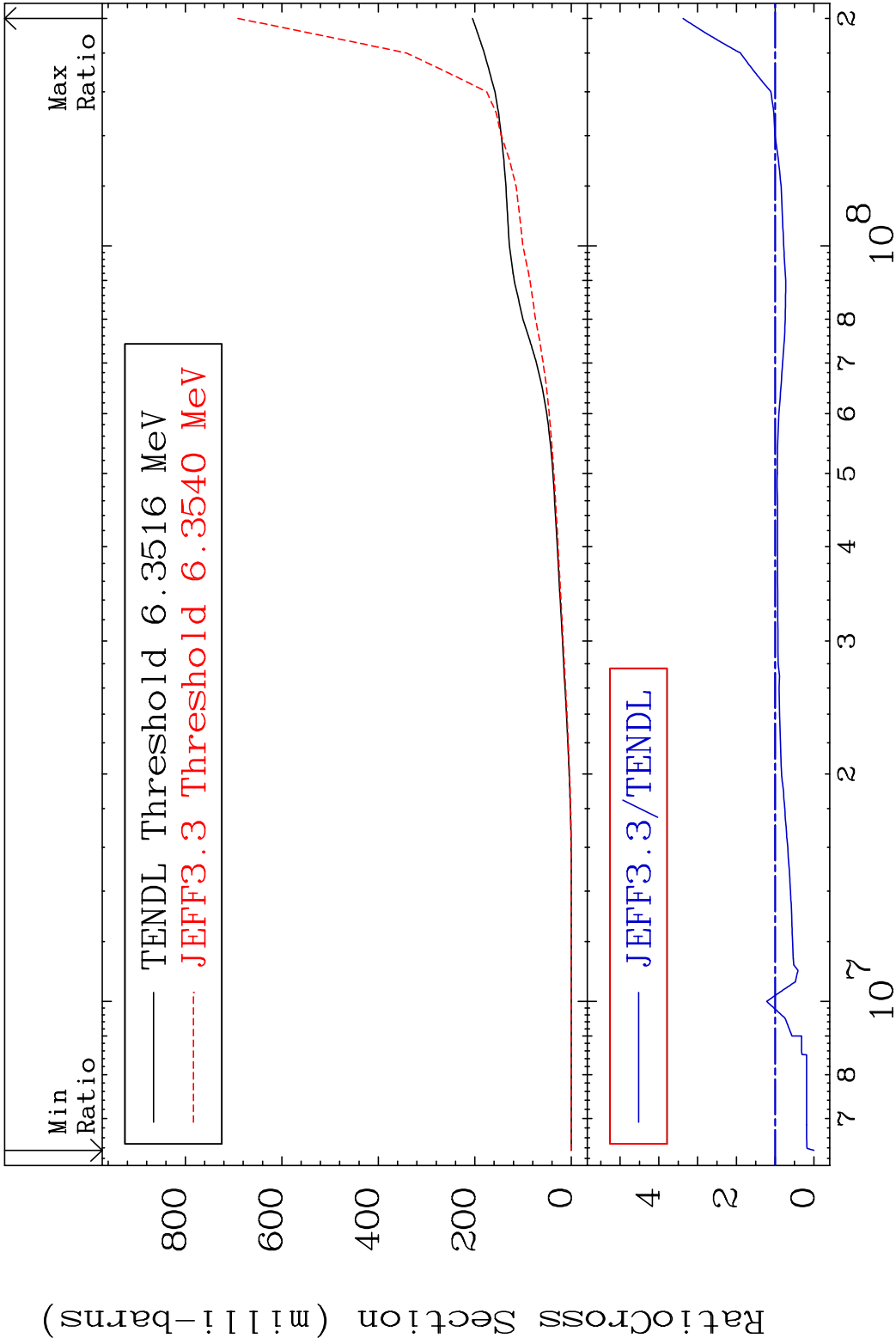


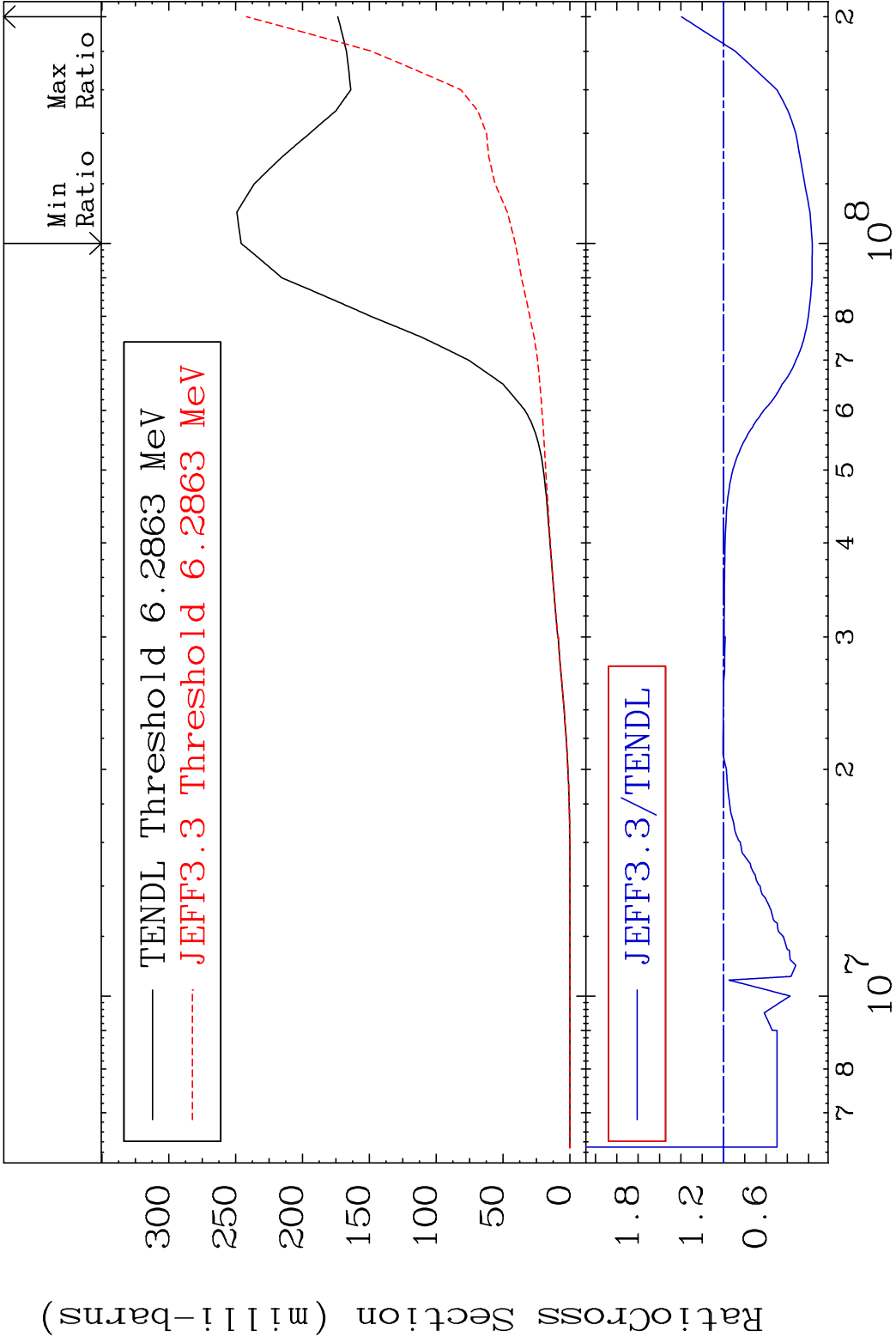




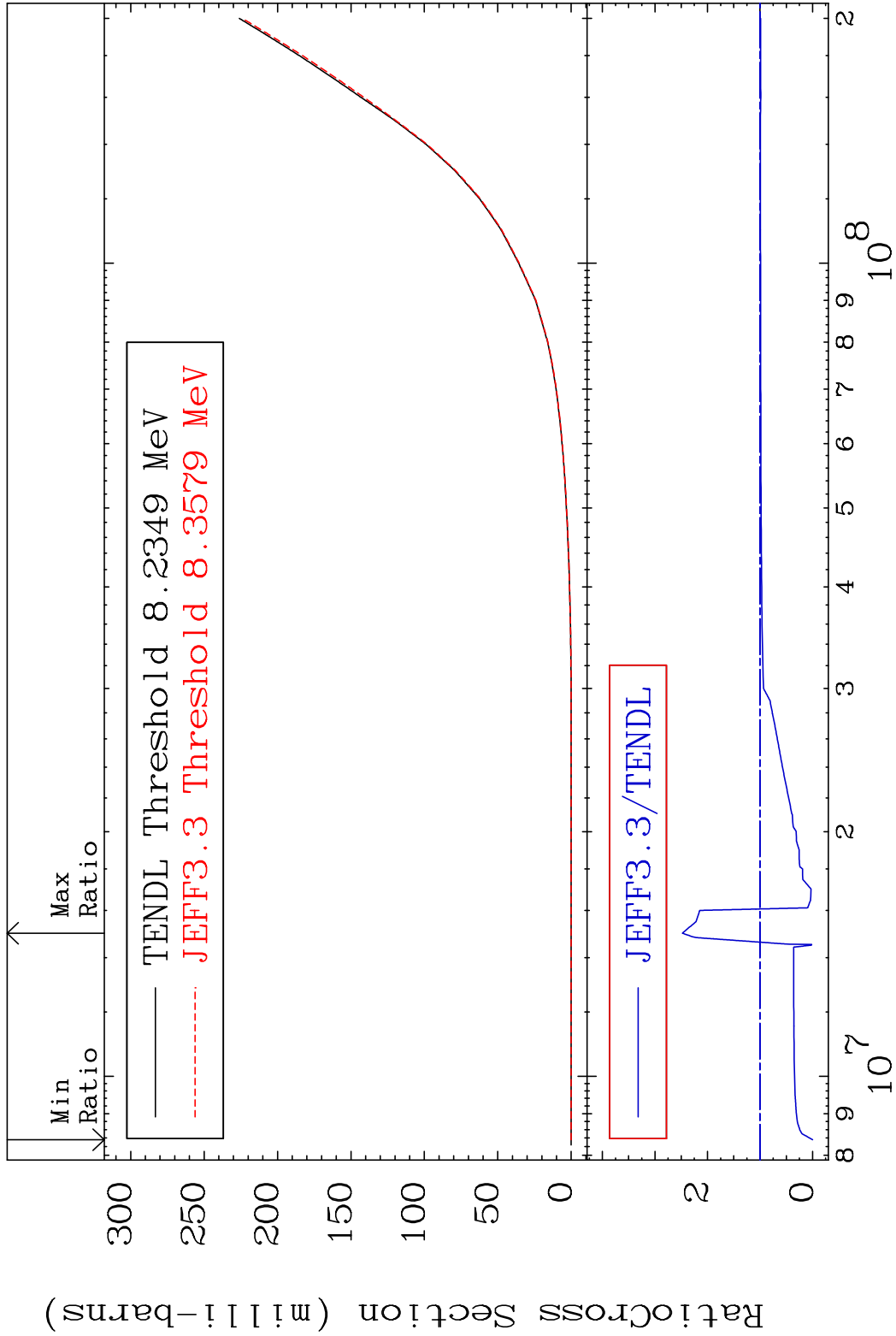




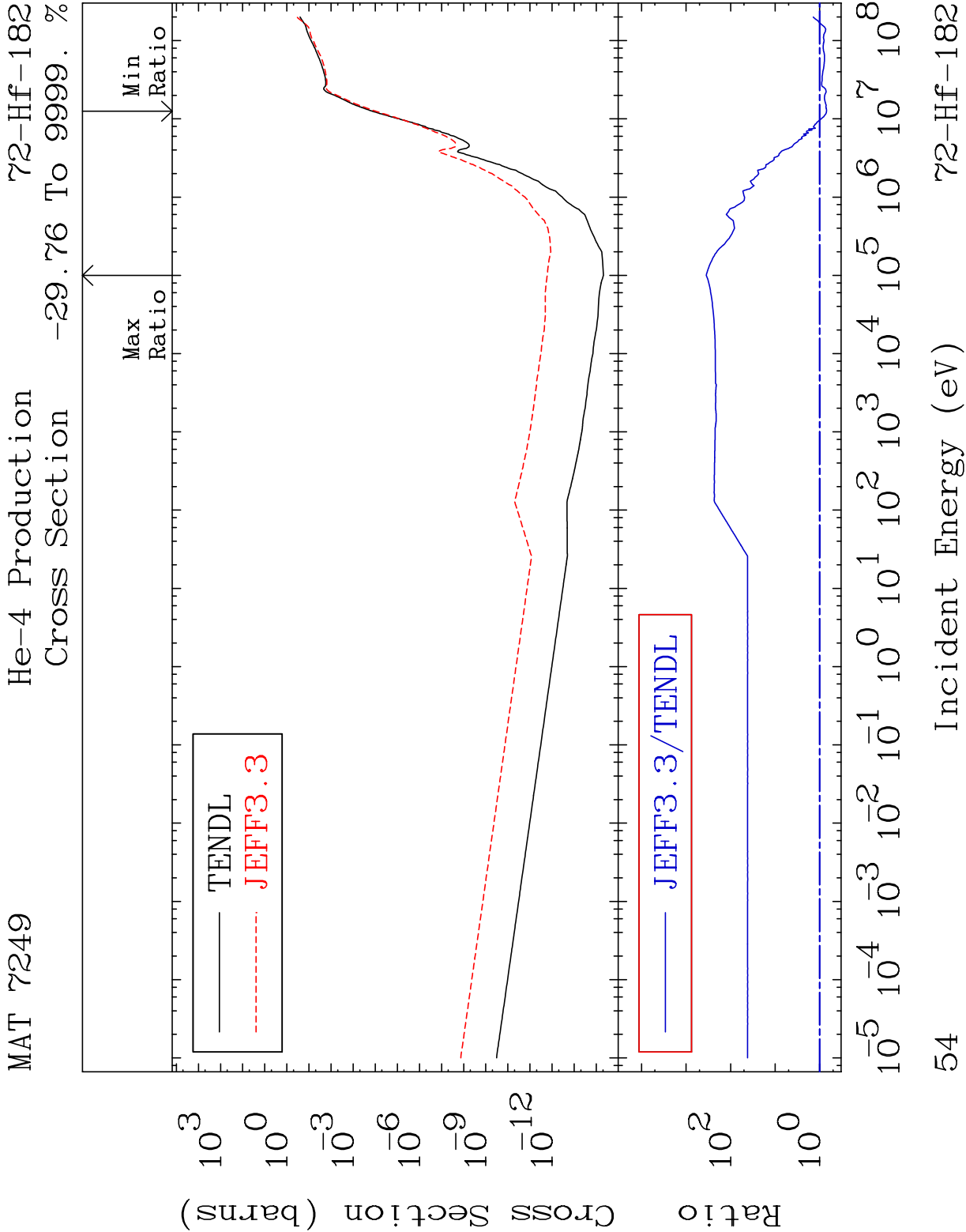


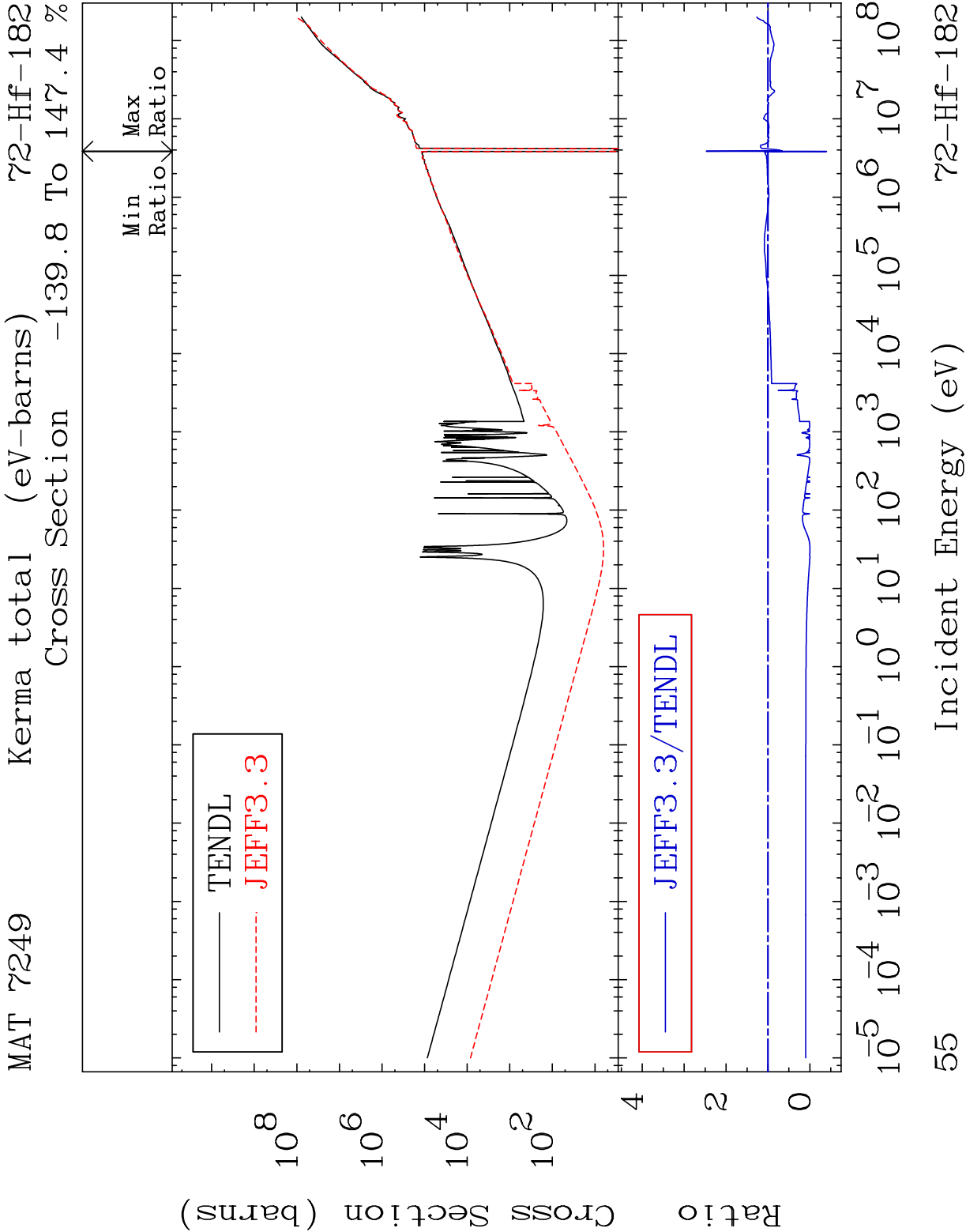


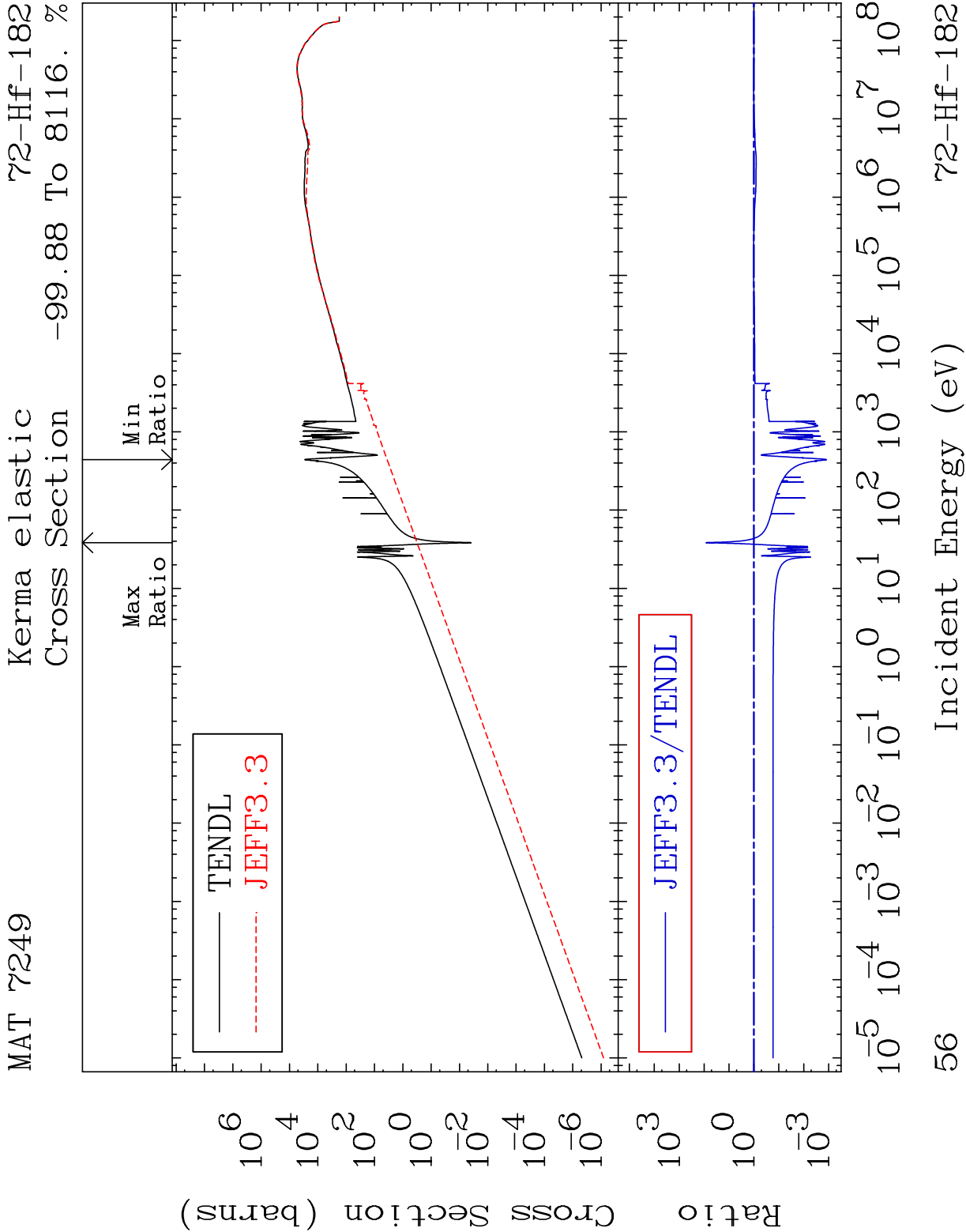
MAT 7249 He-3 Production 72-Hf-182
Cross Section -100.0 To 147.8 %



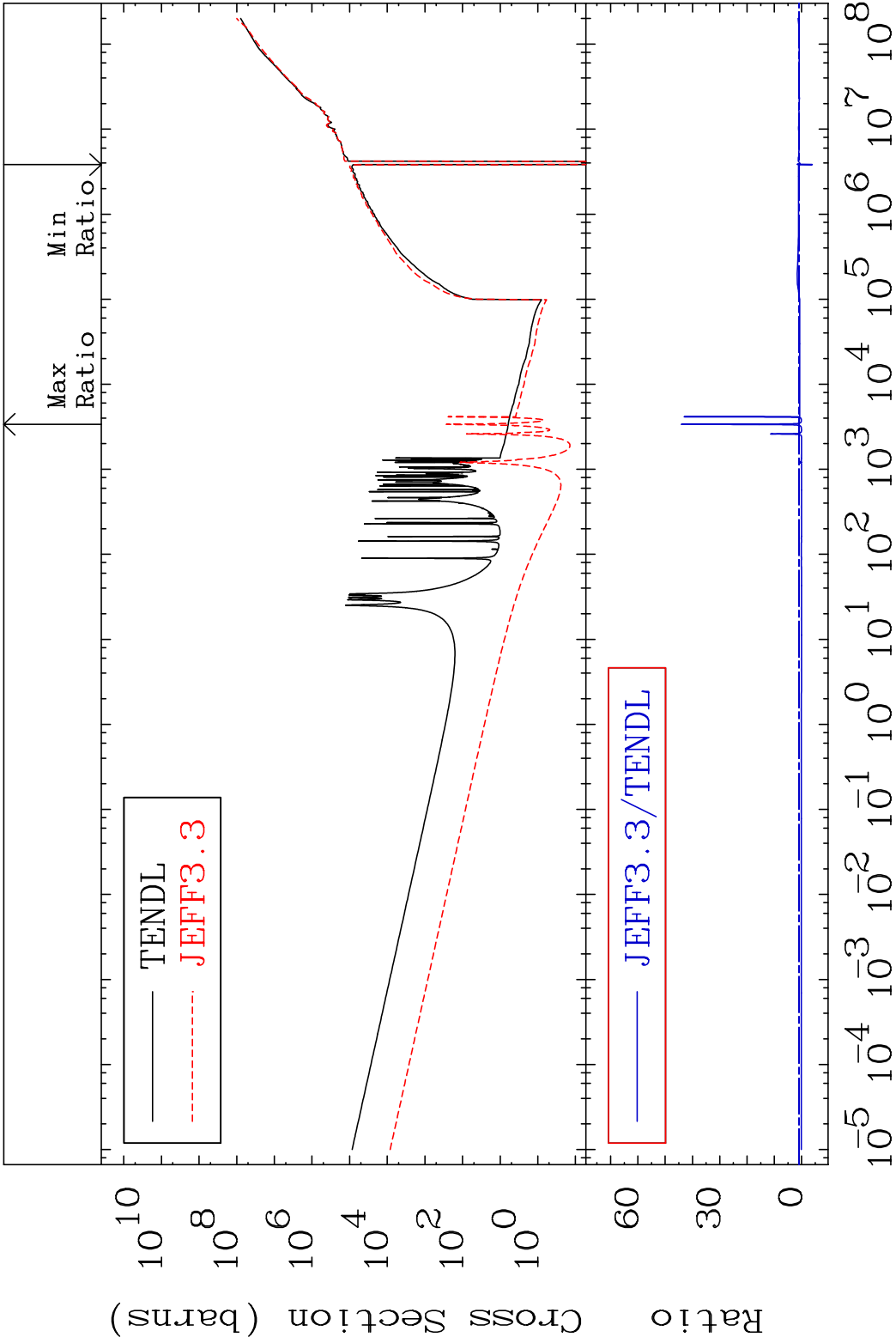
53 Incident Energy (eV) 72-Hf-182



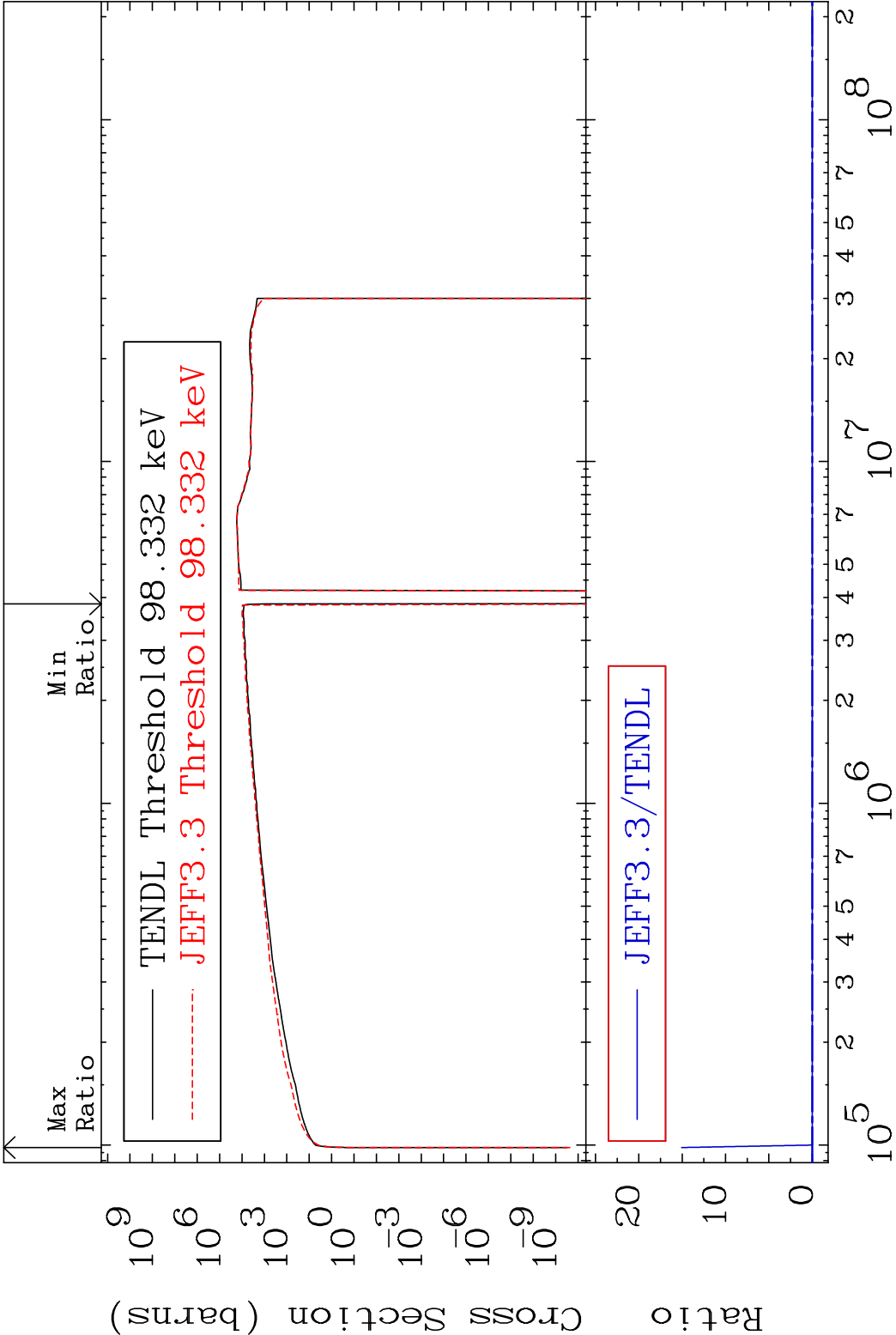




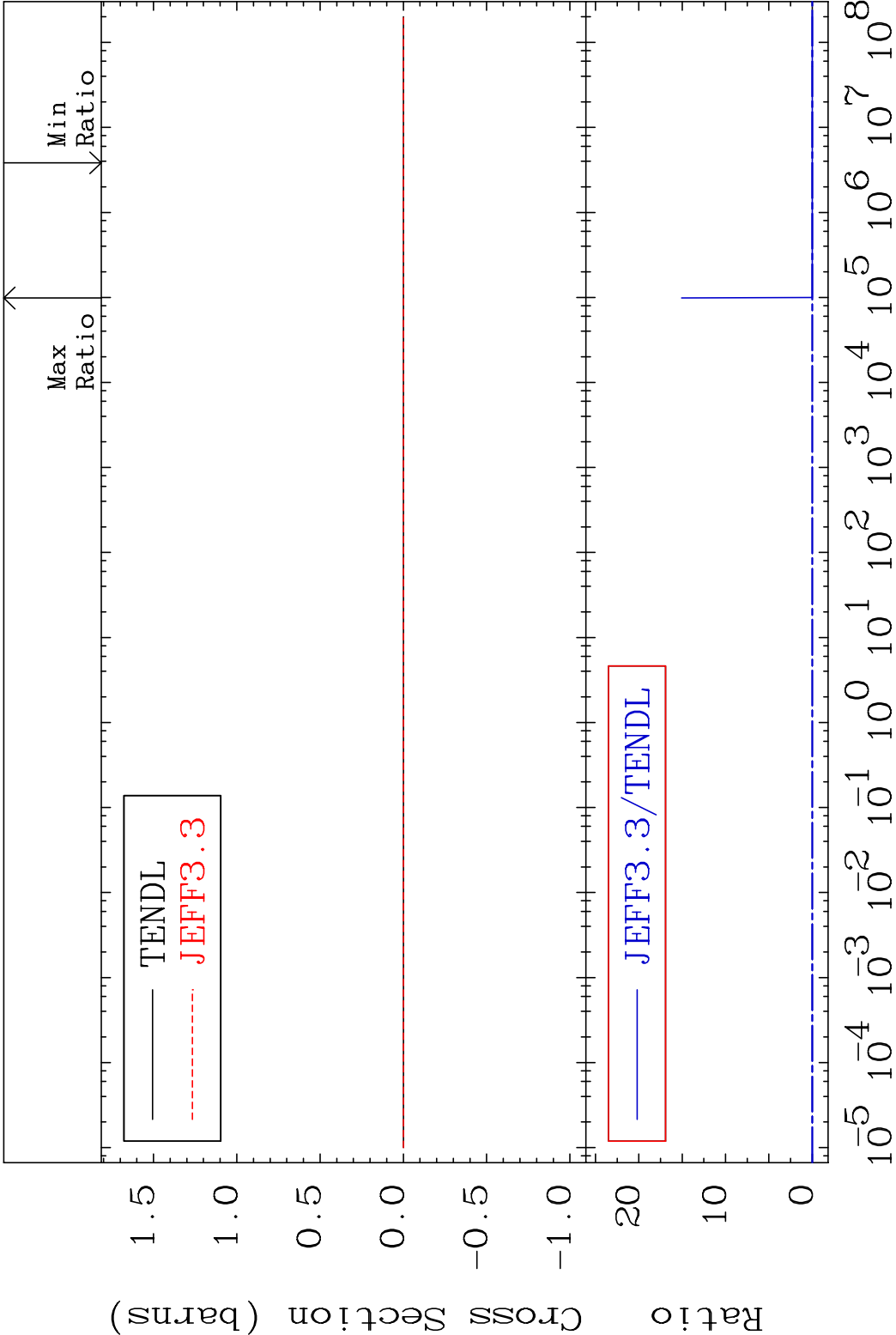
MAT 7249 Kerma non-elastic (all but mt2) 72-Hf-182
Cross Section -488.2 To 4301. %

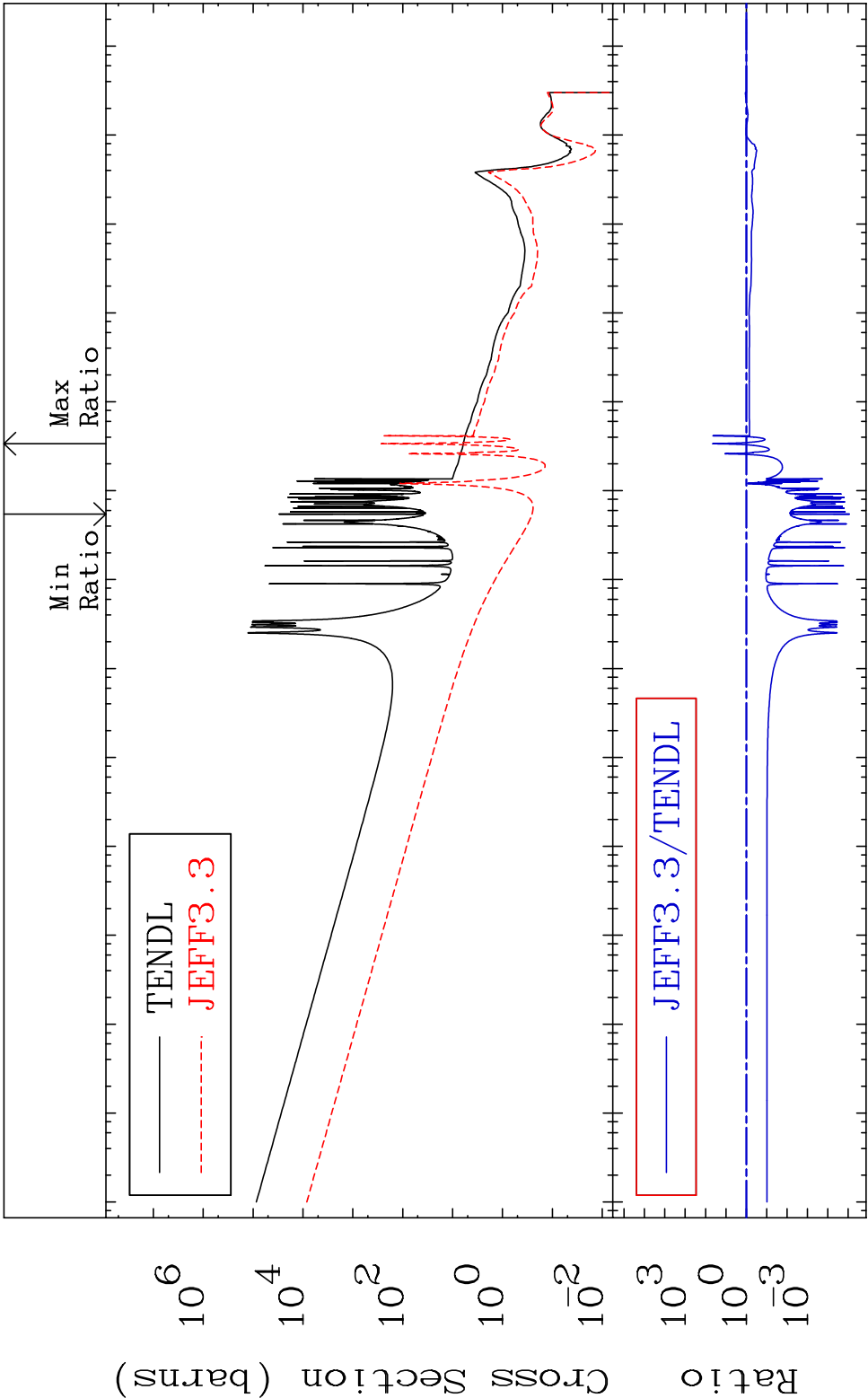


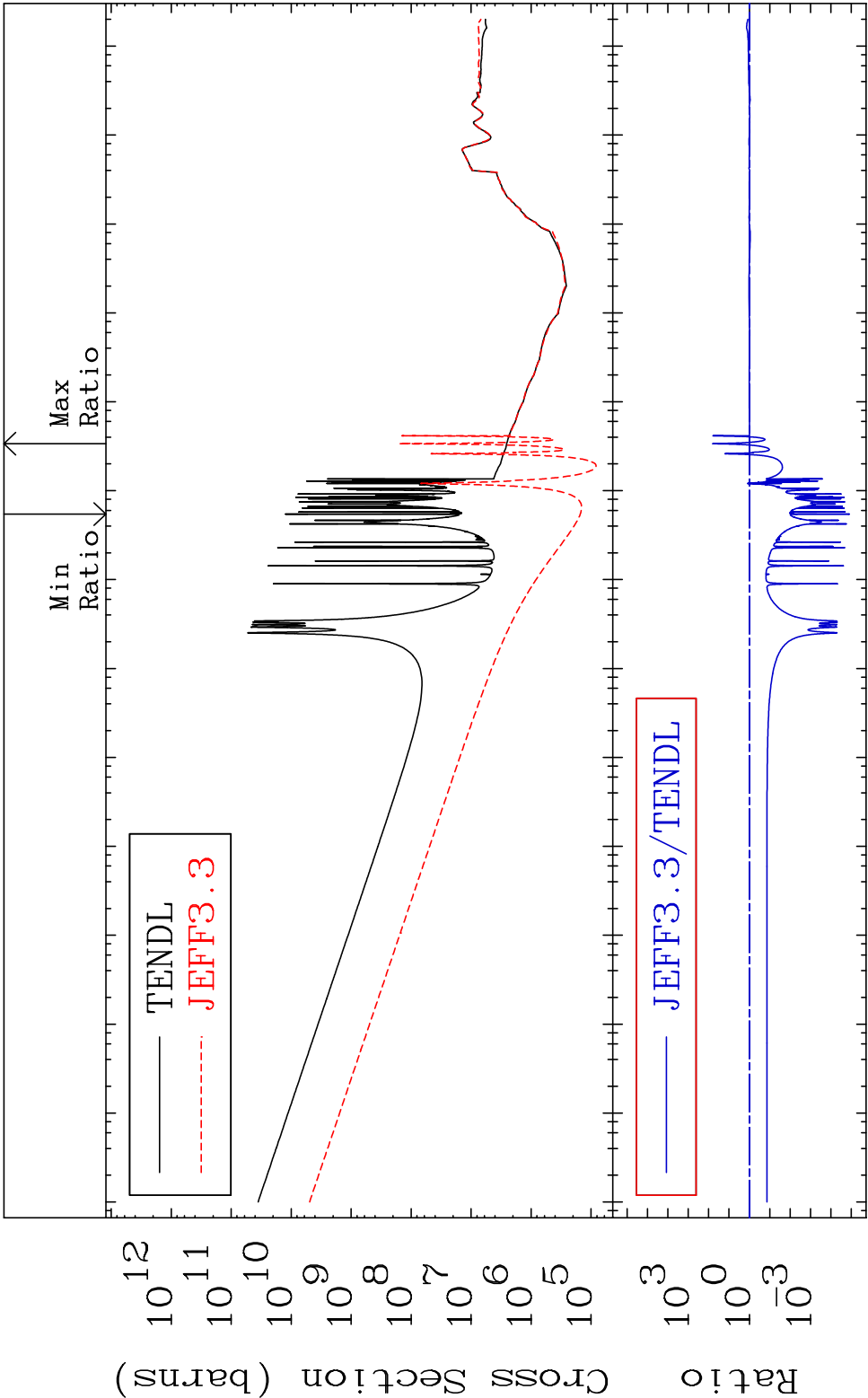
57 Incident Energy (eV) 72-Hf-182



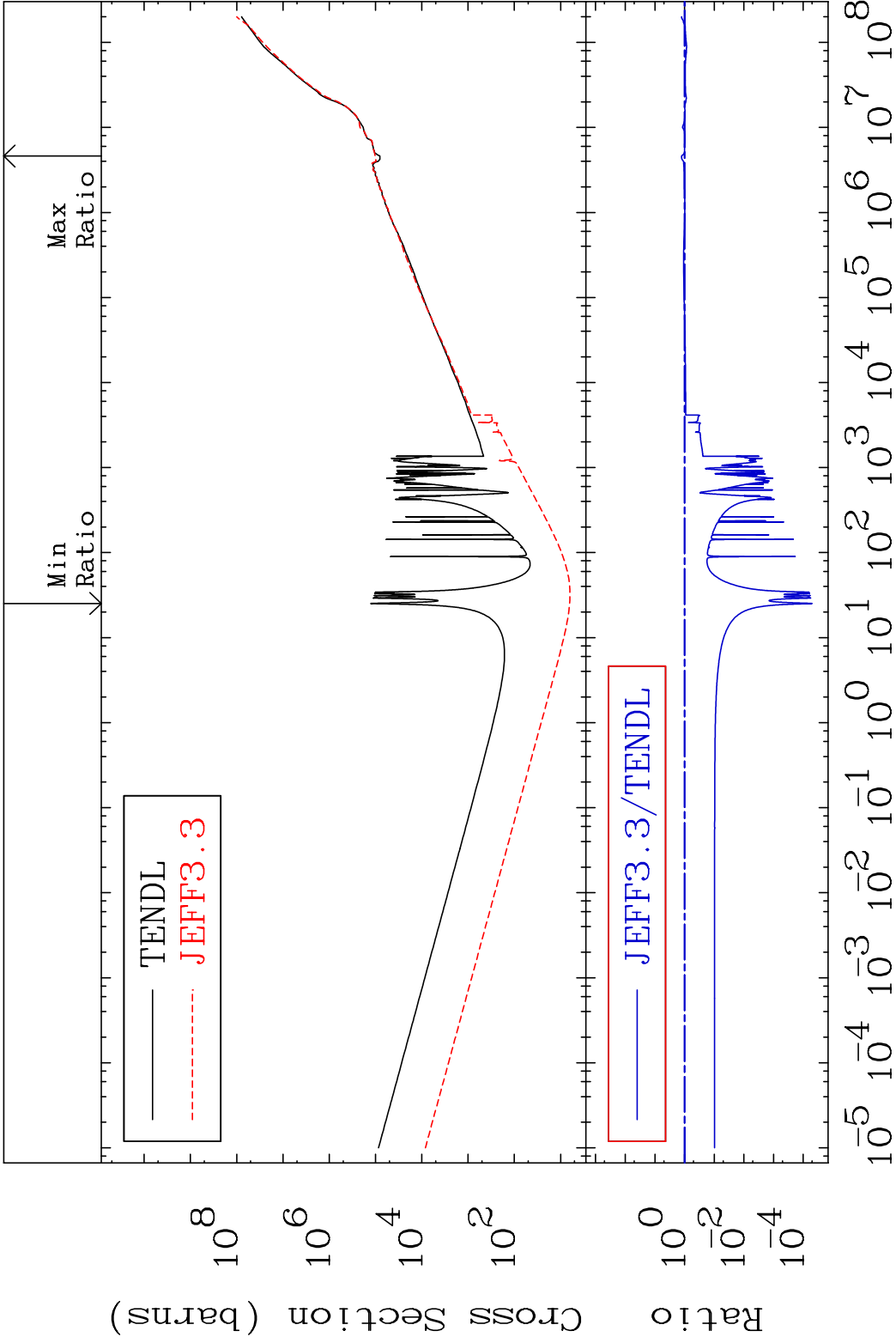
MAT 7249Kerma fission (mt18 or mt19-20-21-38)72-Hf-182
Cross Section -488.4 To 9999. %



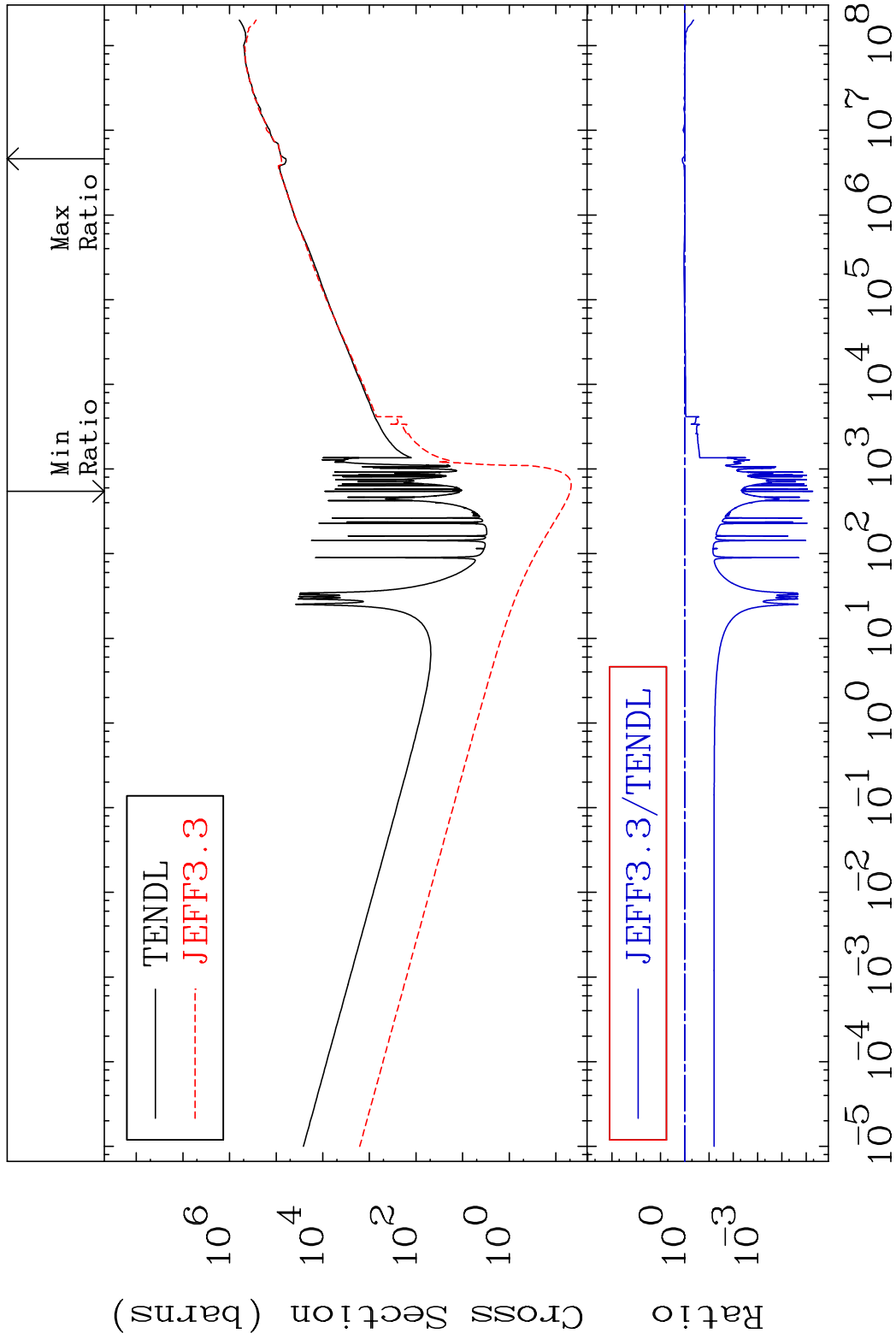




MAT 7249 Total kinematic kerma (high limit) 72-Hf-182
Cross Section -100.0 To 26.69 %



MAT 7249 Dpa total (eV-barns) 72-Hf-182
Cross Section -100.0 To 25.74 %



63 Incident Energy (eV) 72-Hf-182

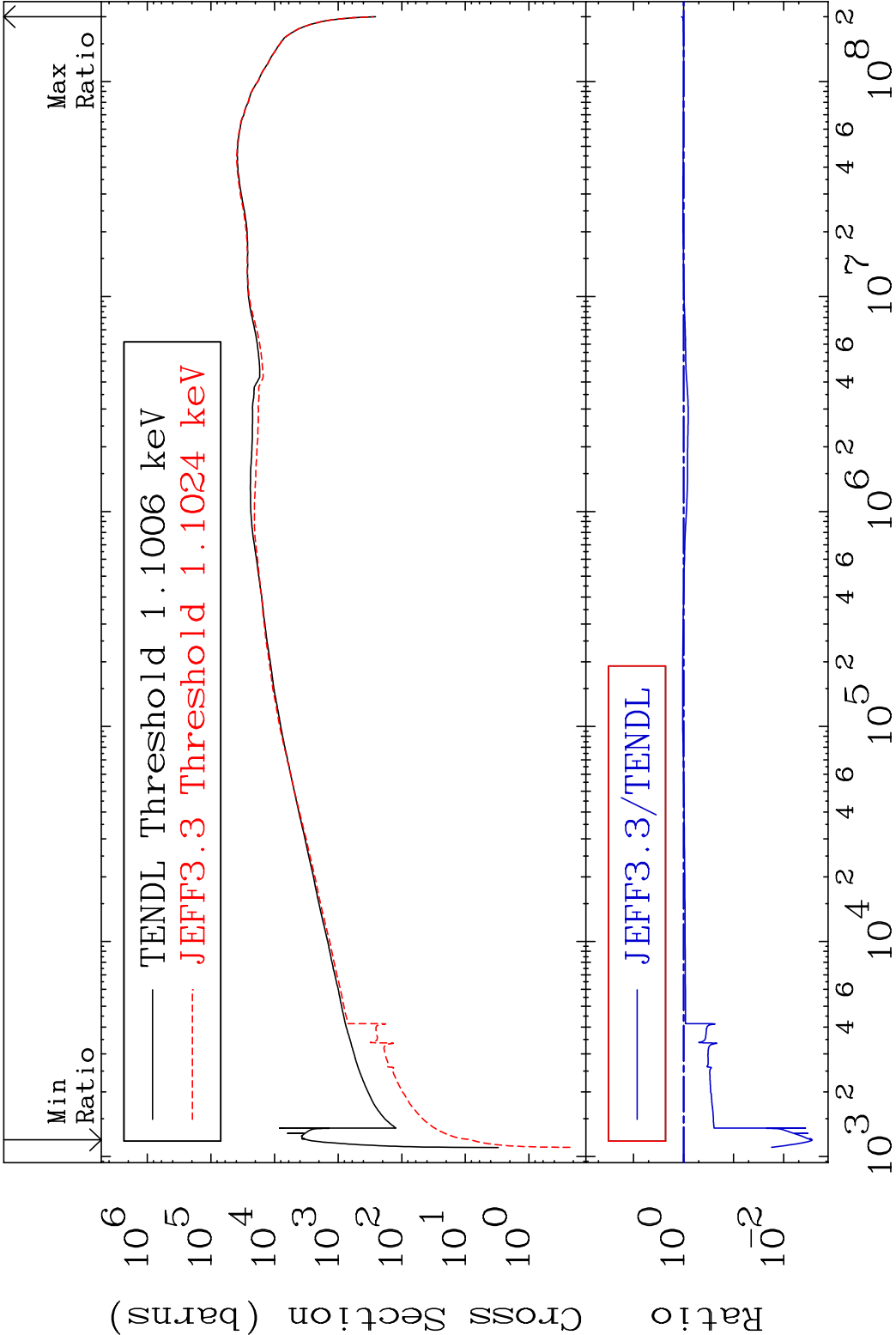
MAT 7249

Dpa elastic (mt2)

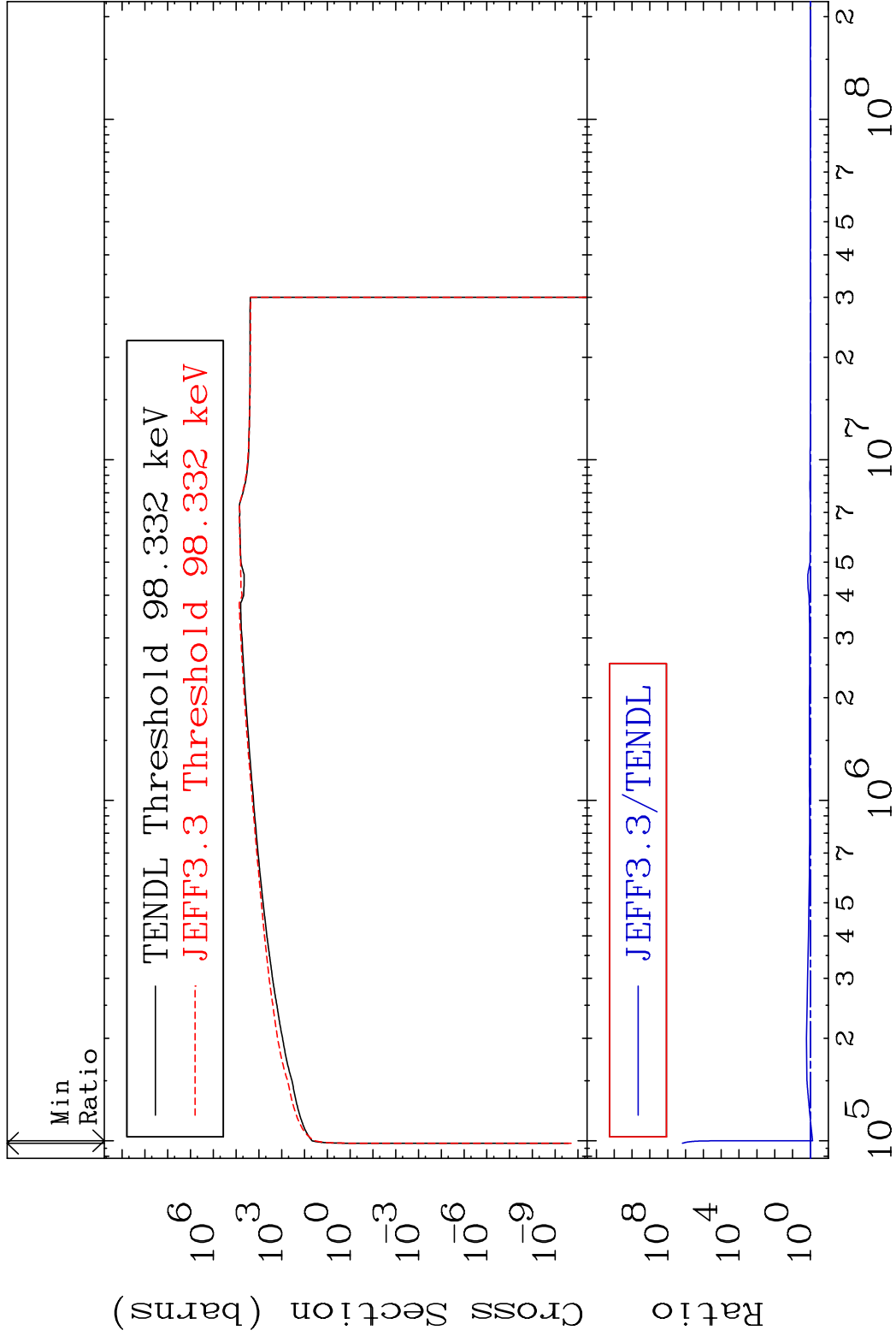
72-Hf-182

Cross Section

-99.73 To 9.959 %



MAT 7249 Dpa inelastic (mt51-91) 72-Hf-182
Cross Section -24.62 To 9999. %



65 Incident Energy (eV) 72-Hf-182

