

Program Complot
(Version 2021-1)

by

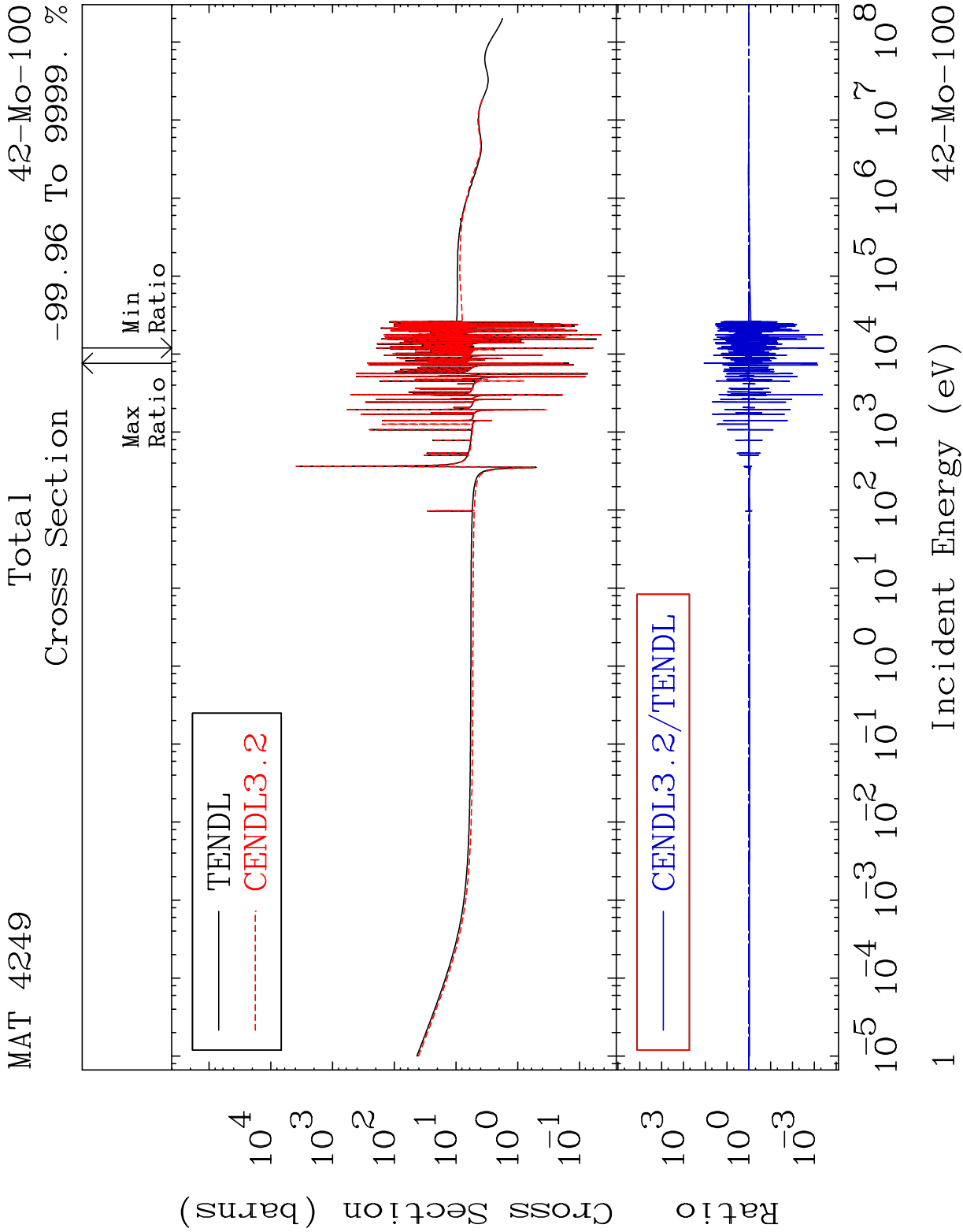
Dermott E. Cullen
(Present Contact Information)

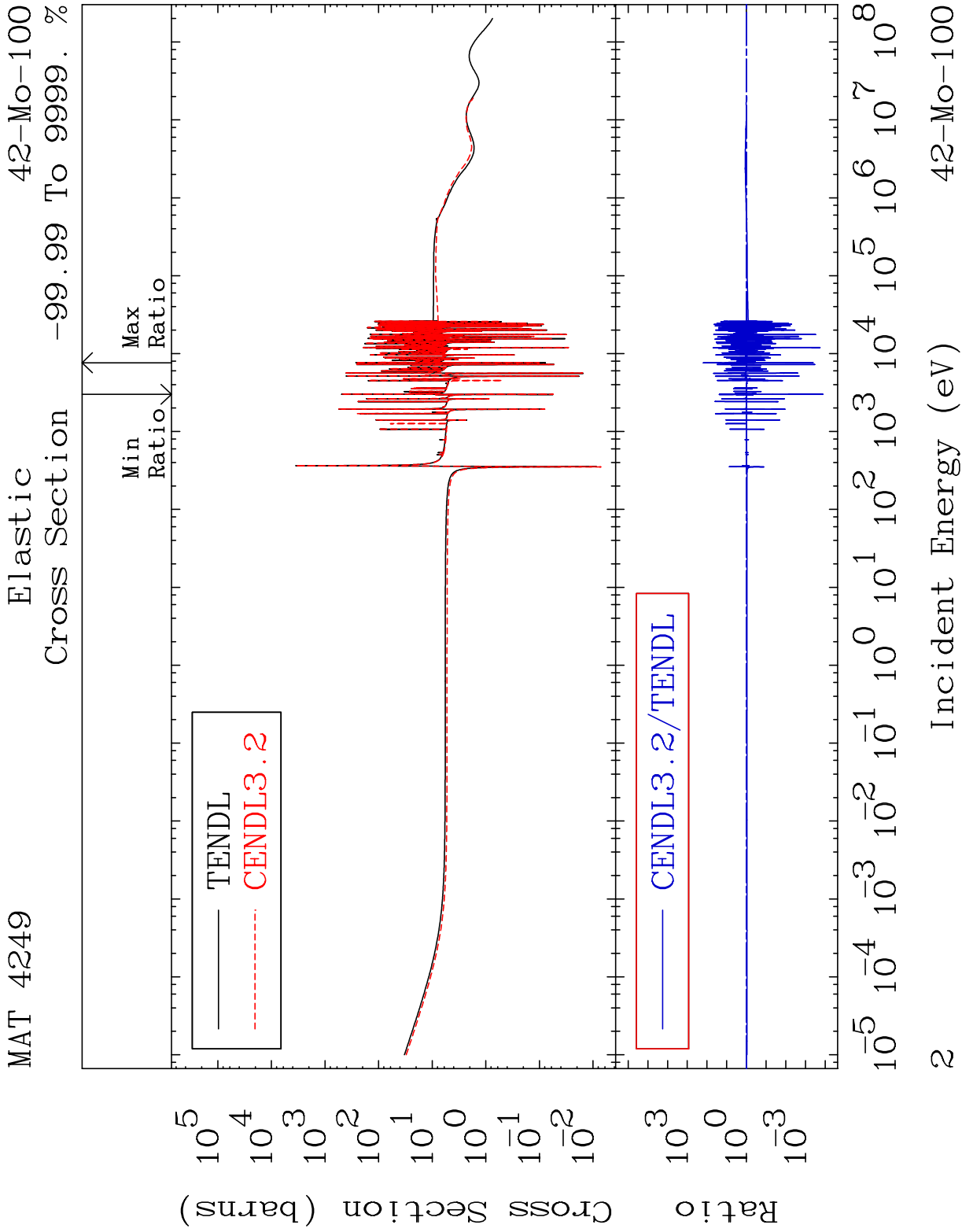
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

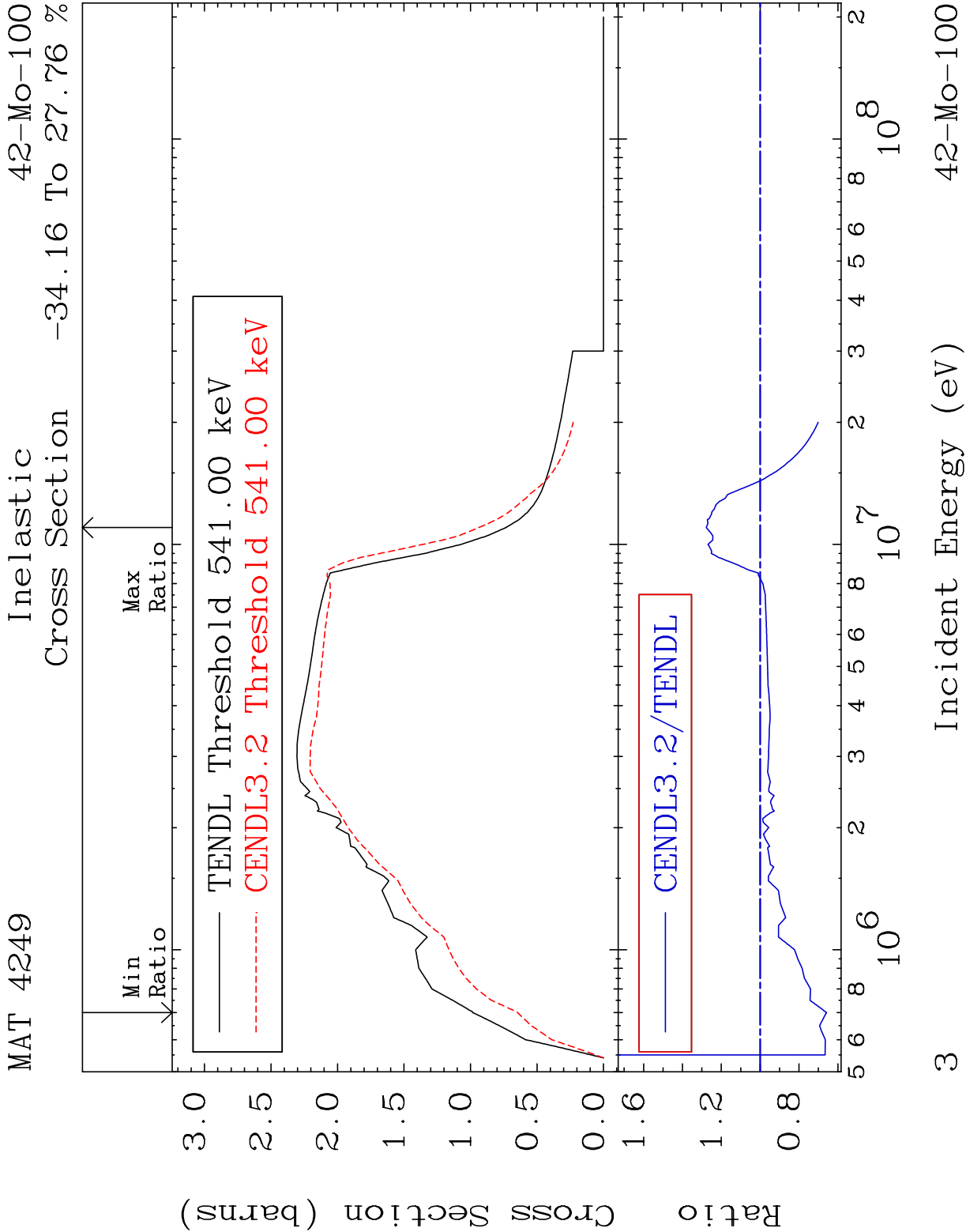
Tele: 925-443-1911

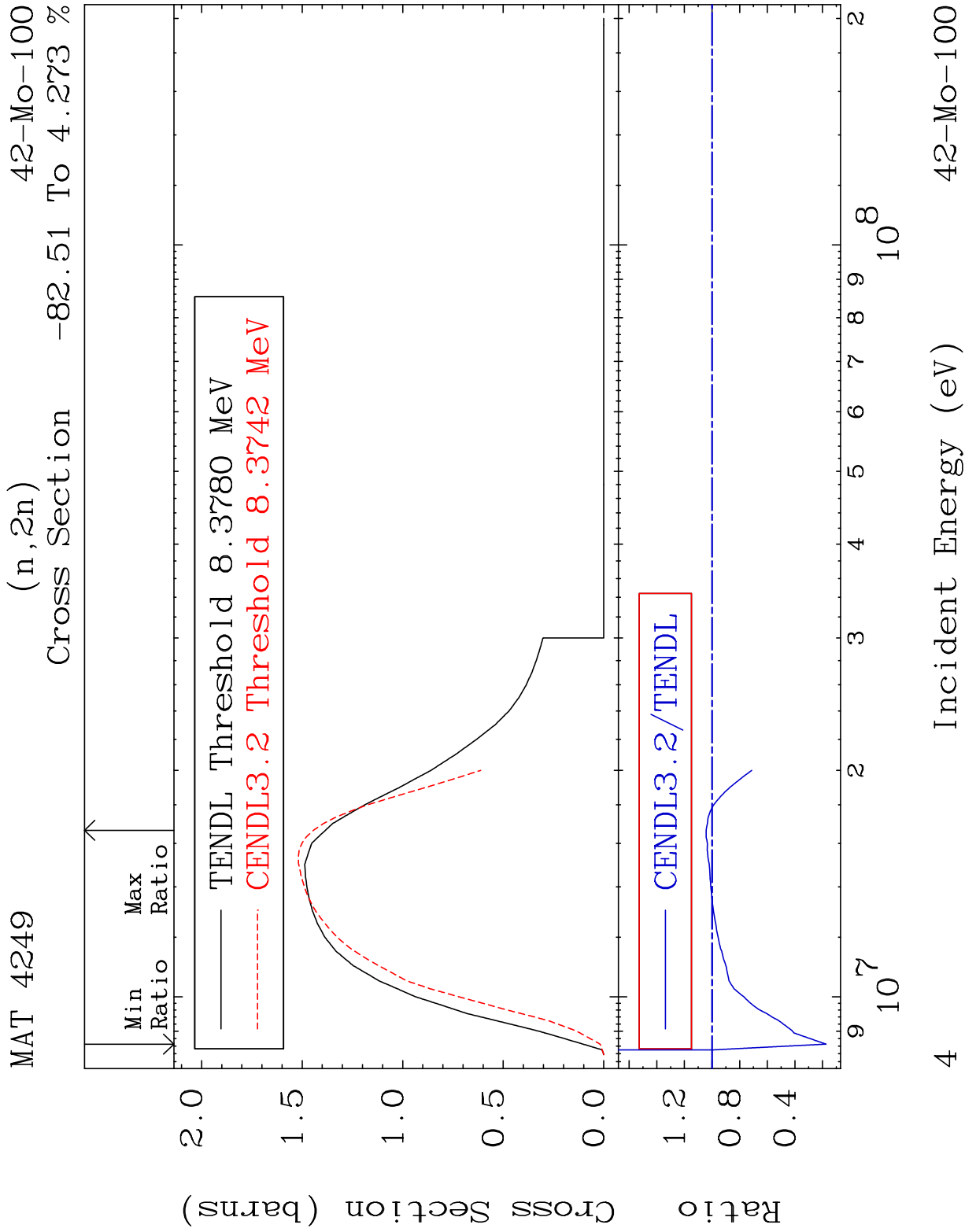
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

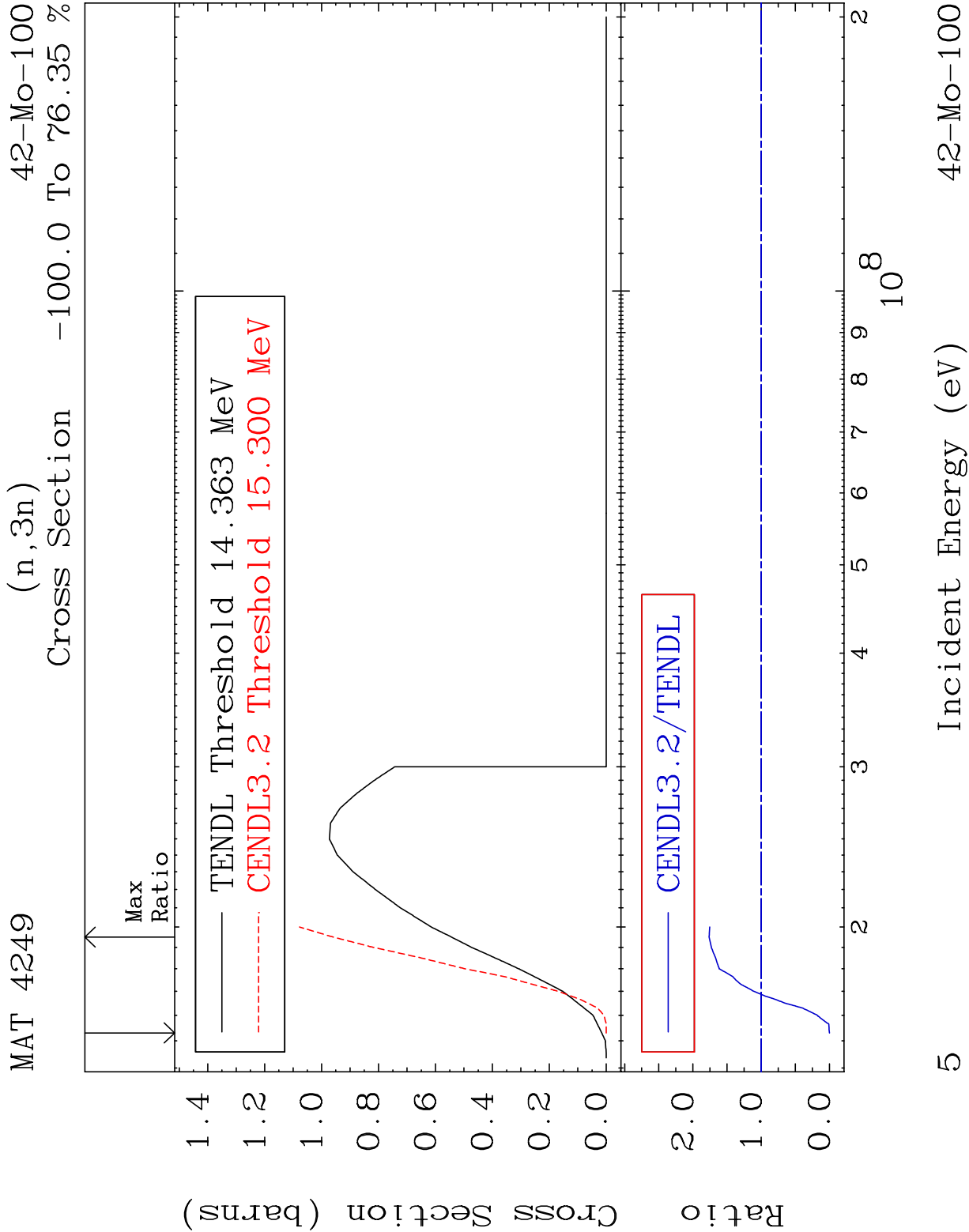
Press Mouse Button to Start

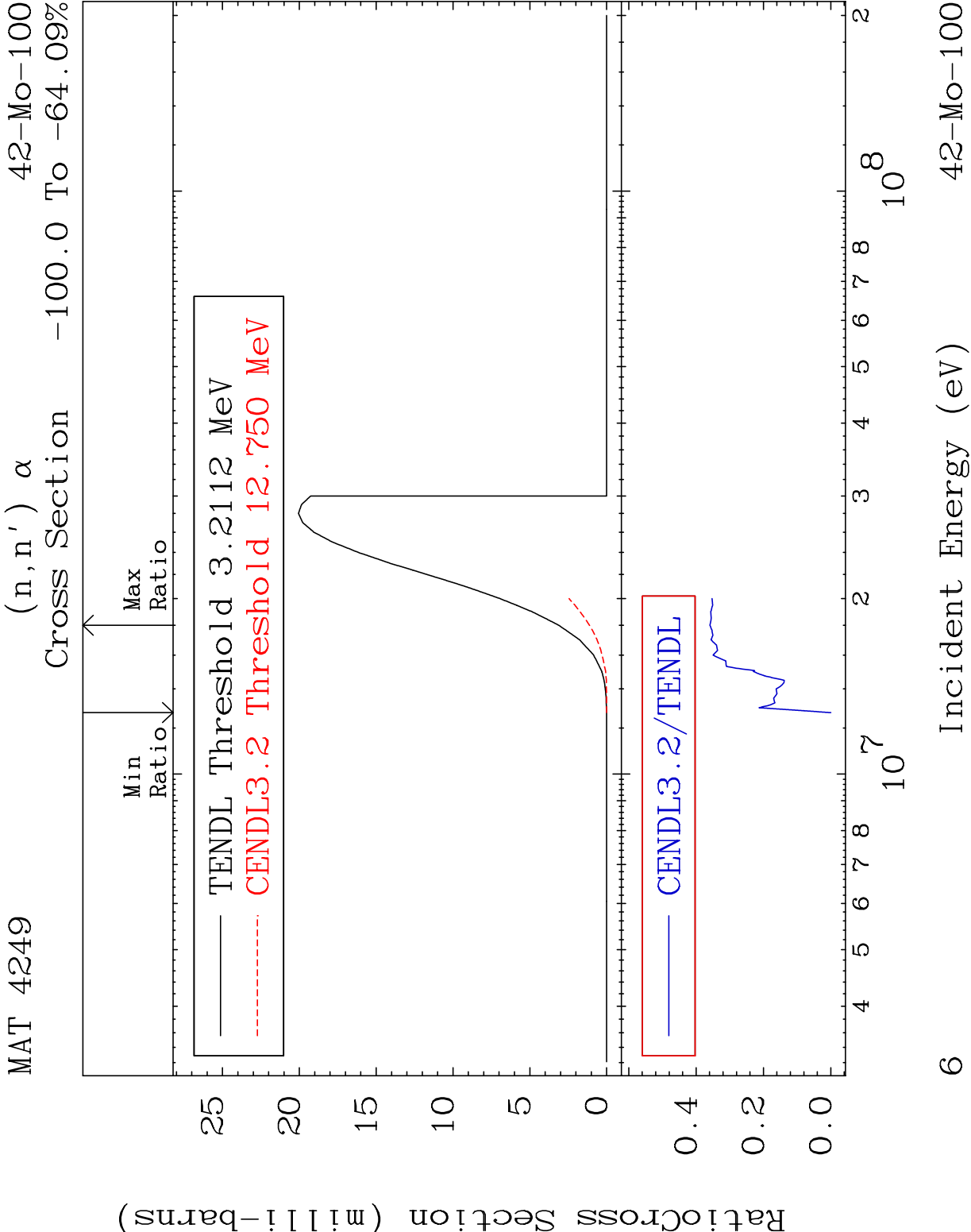


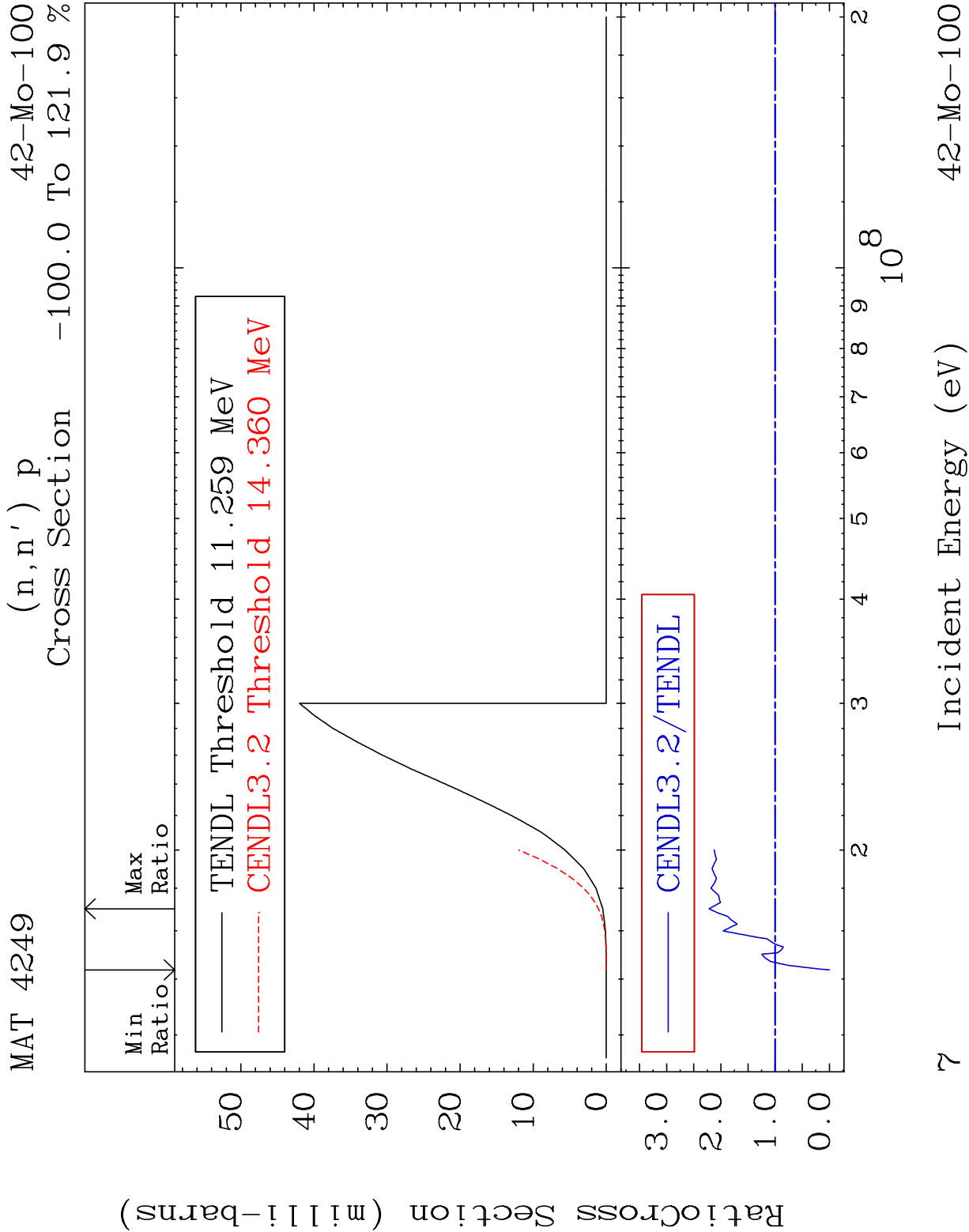




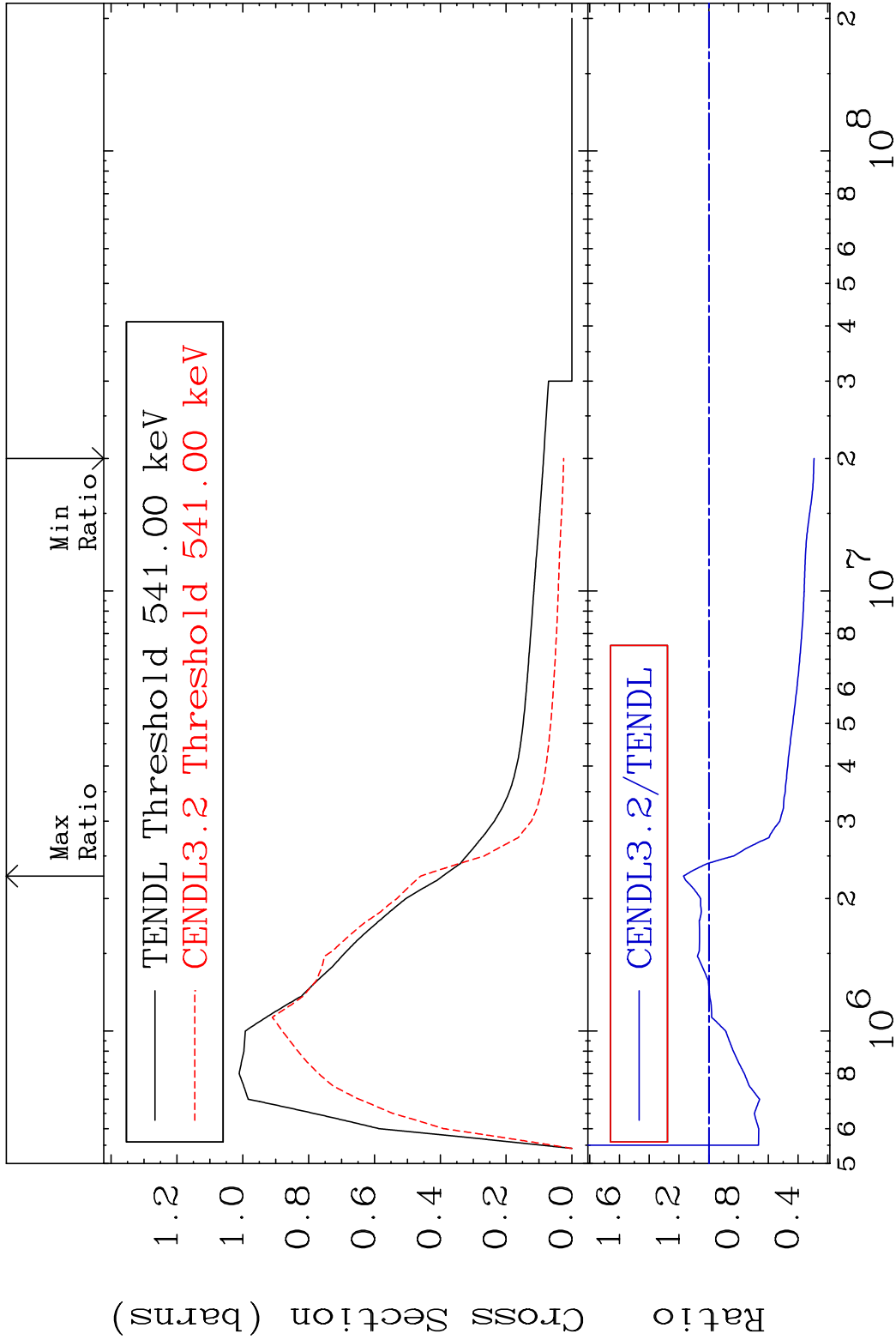




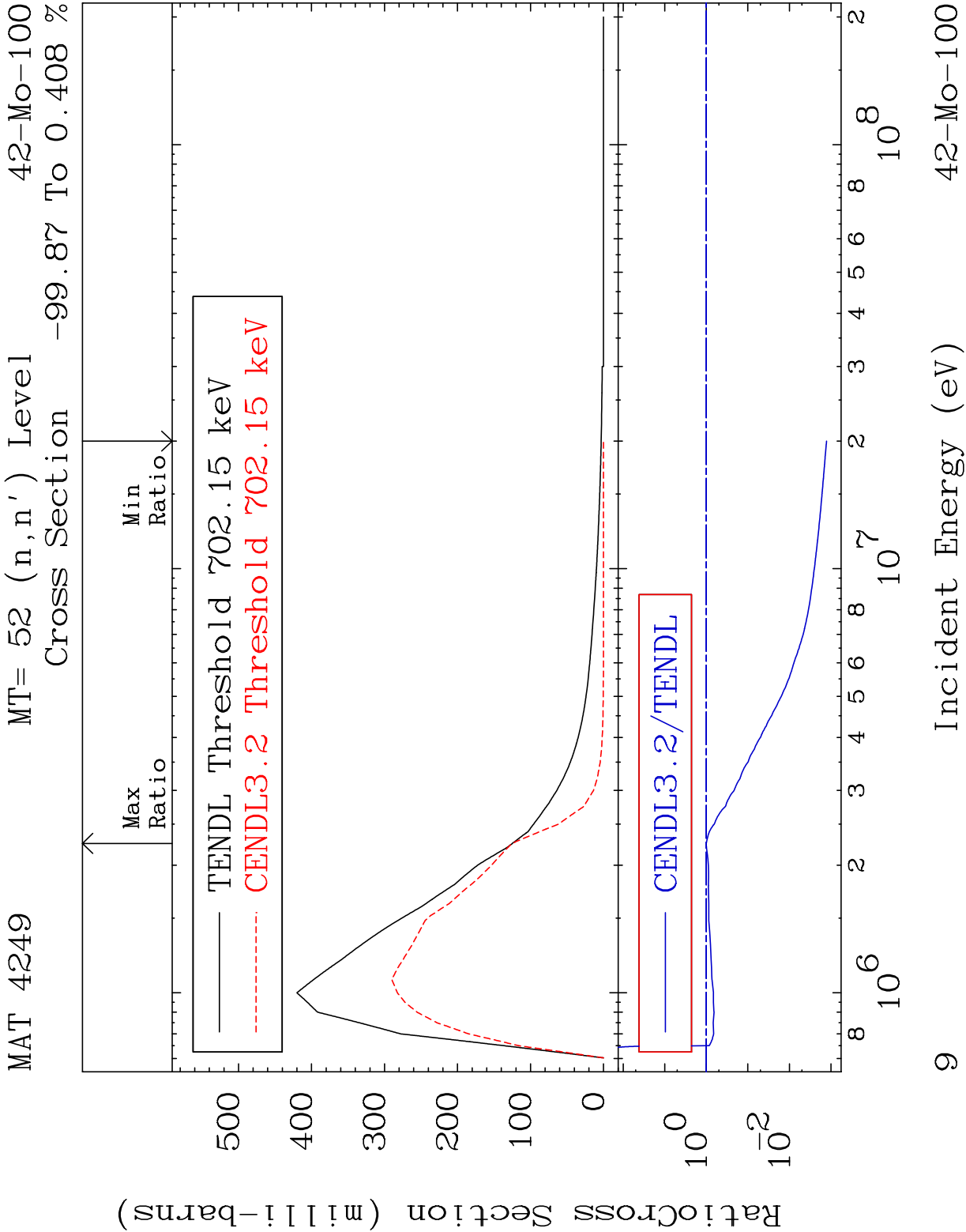




MAT 4249 MT= 51 (n,n') Level 42-Mo-100
 Cross Section -70.71 To 17.03 %



8 Incident Energy (eV) 42-Mo-100

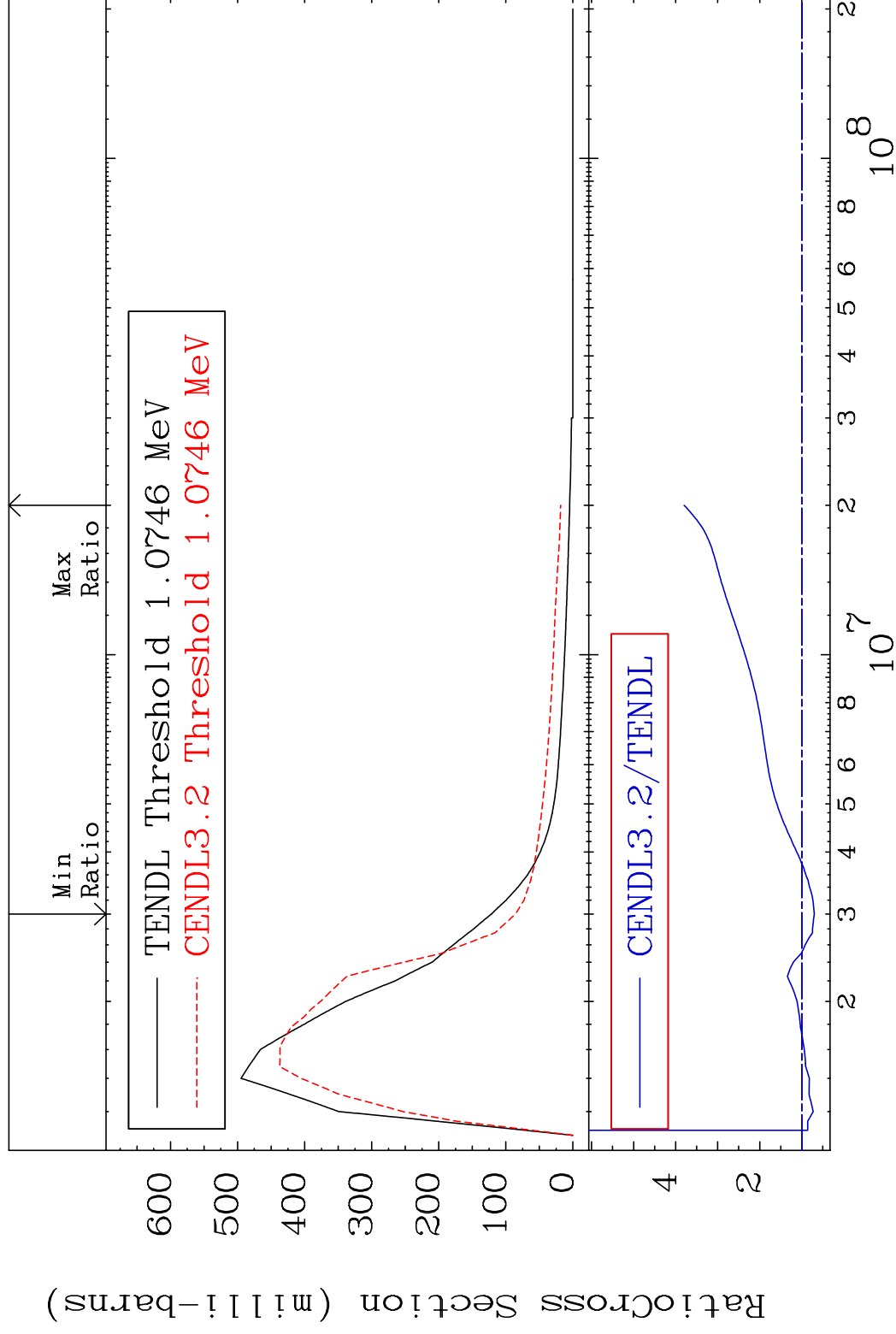


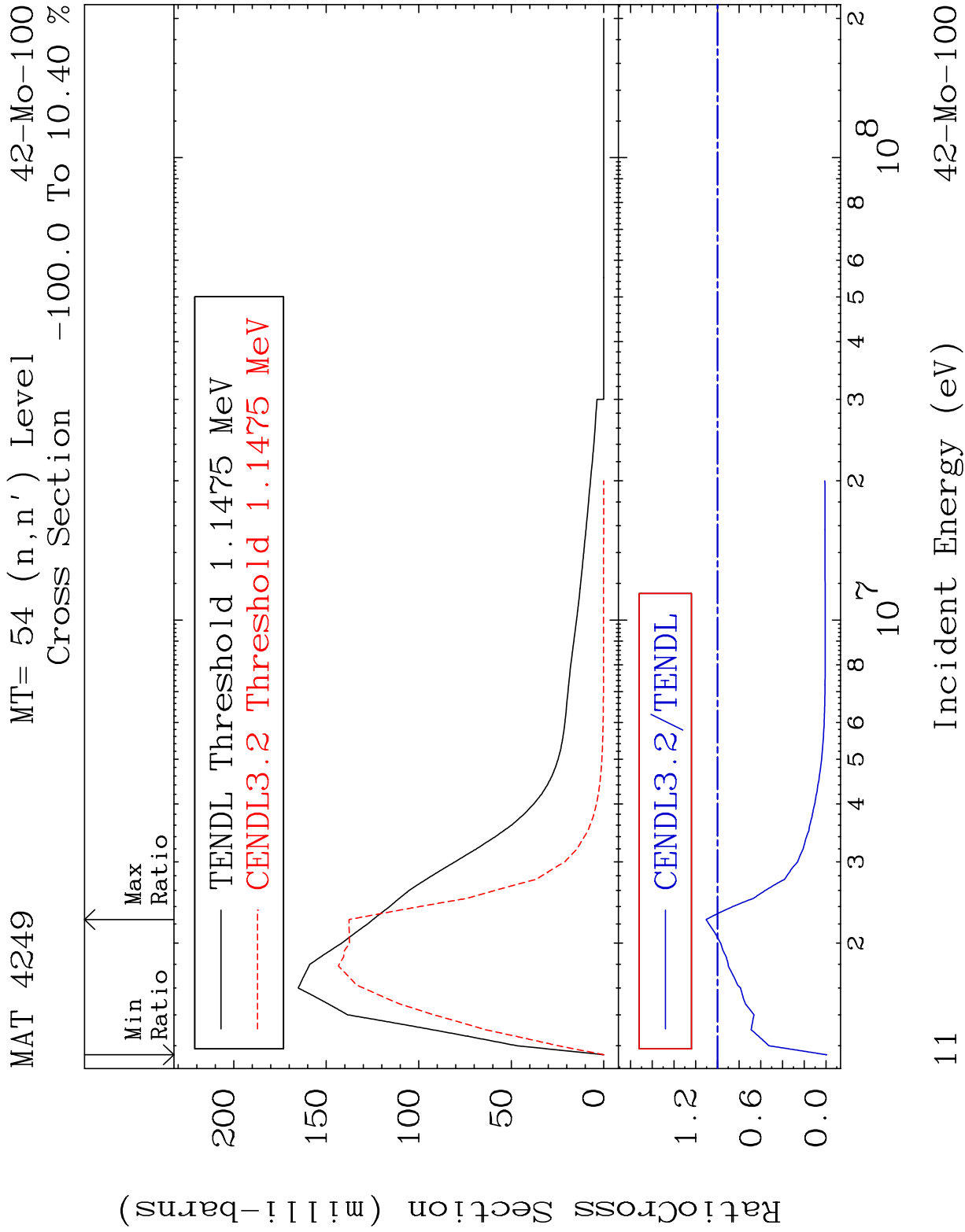
MAT 4249

MT= 53 (n, n') Level

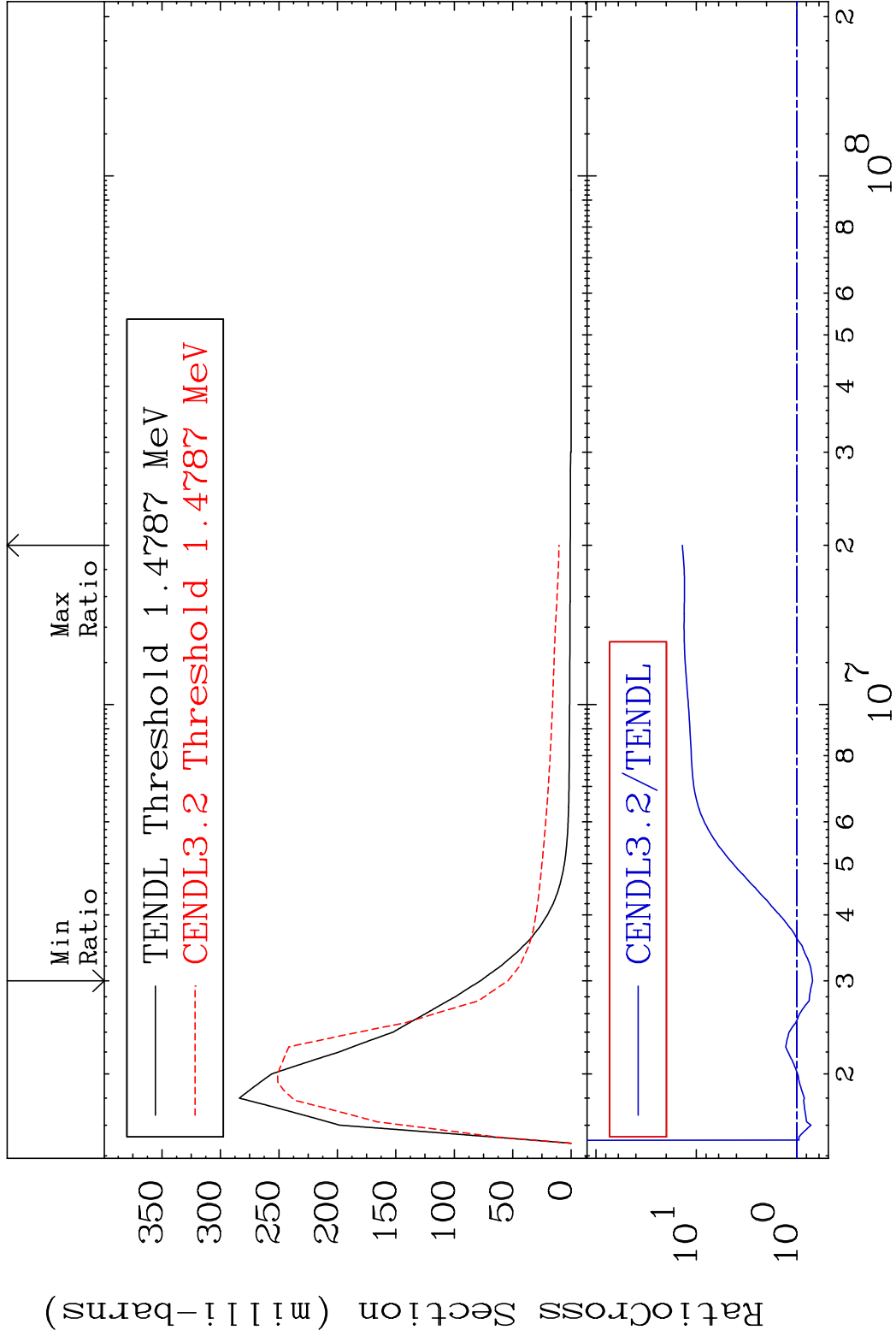
42-Mo-100

Cross Section	-29.81 To 279.9 %





MAT 4249 MT= 55 (n,n') Level 42-Mo-100
Cross Section -30.30 To 1280. %



MAT 4249

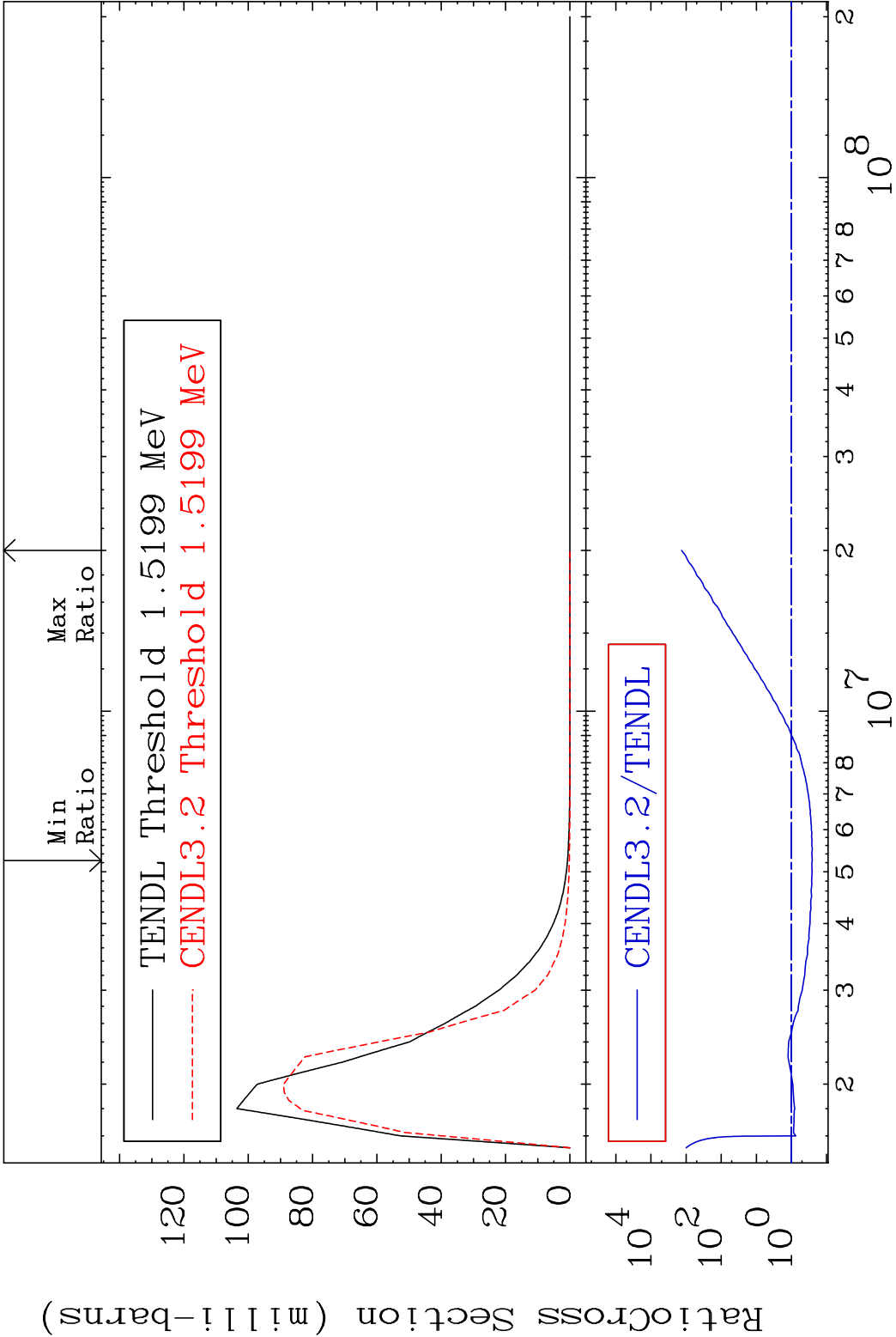
MT= 56 (n,n')

Level

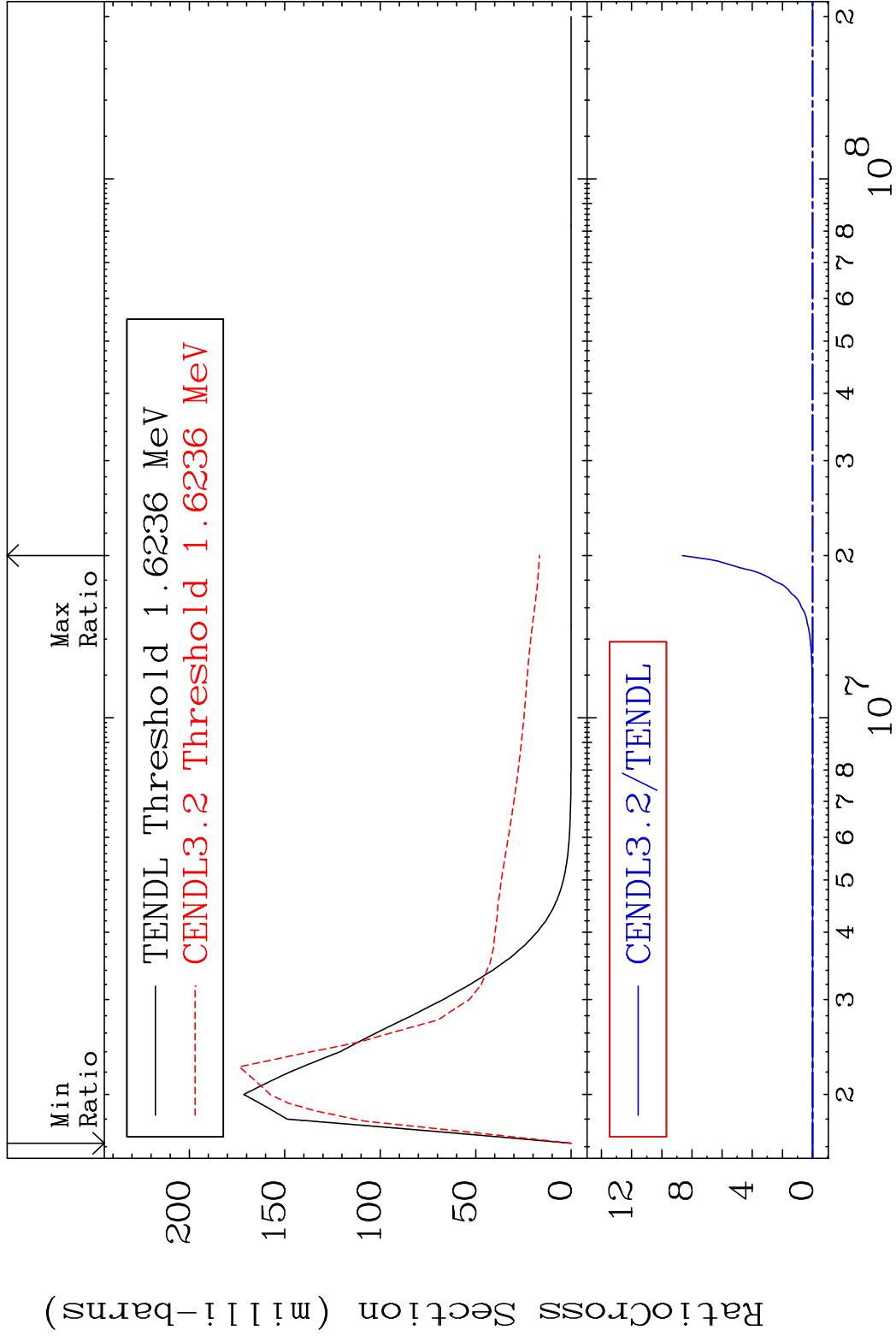
42-Mo-100

Cross Section

-74.44 To 9999. %



MAT 4249 MT= 57 (n,n') Level 42-Mo-100
Cross Section -100.0 To 9999. %



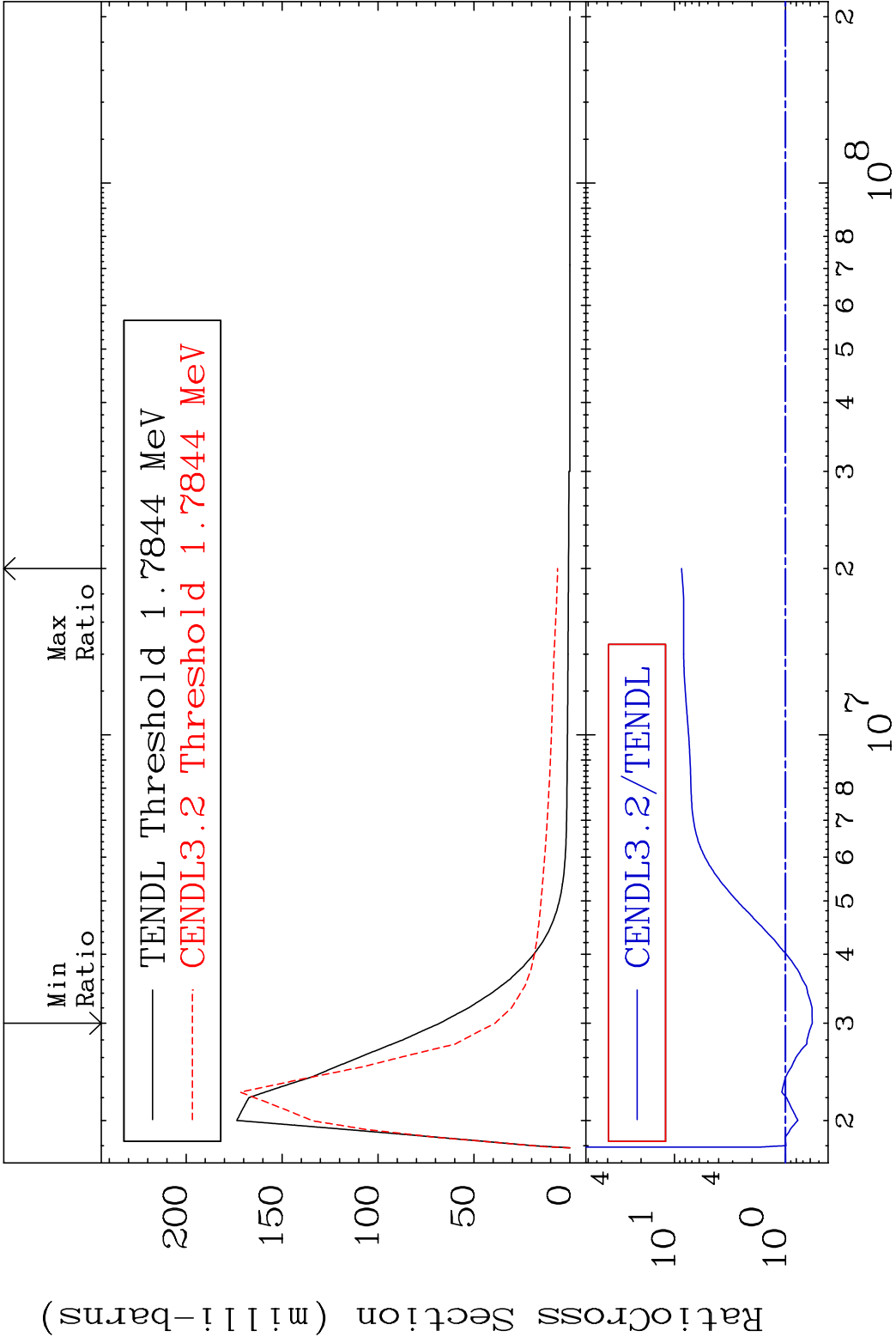
MAT 4249

MT= 58 (n,n') Level

42-Mo-100

Cross Section

-42.46 To 765.4 %

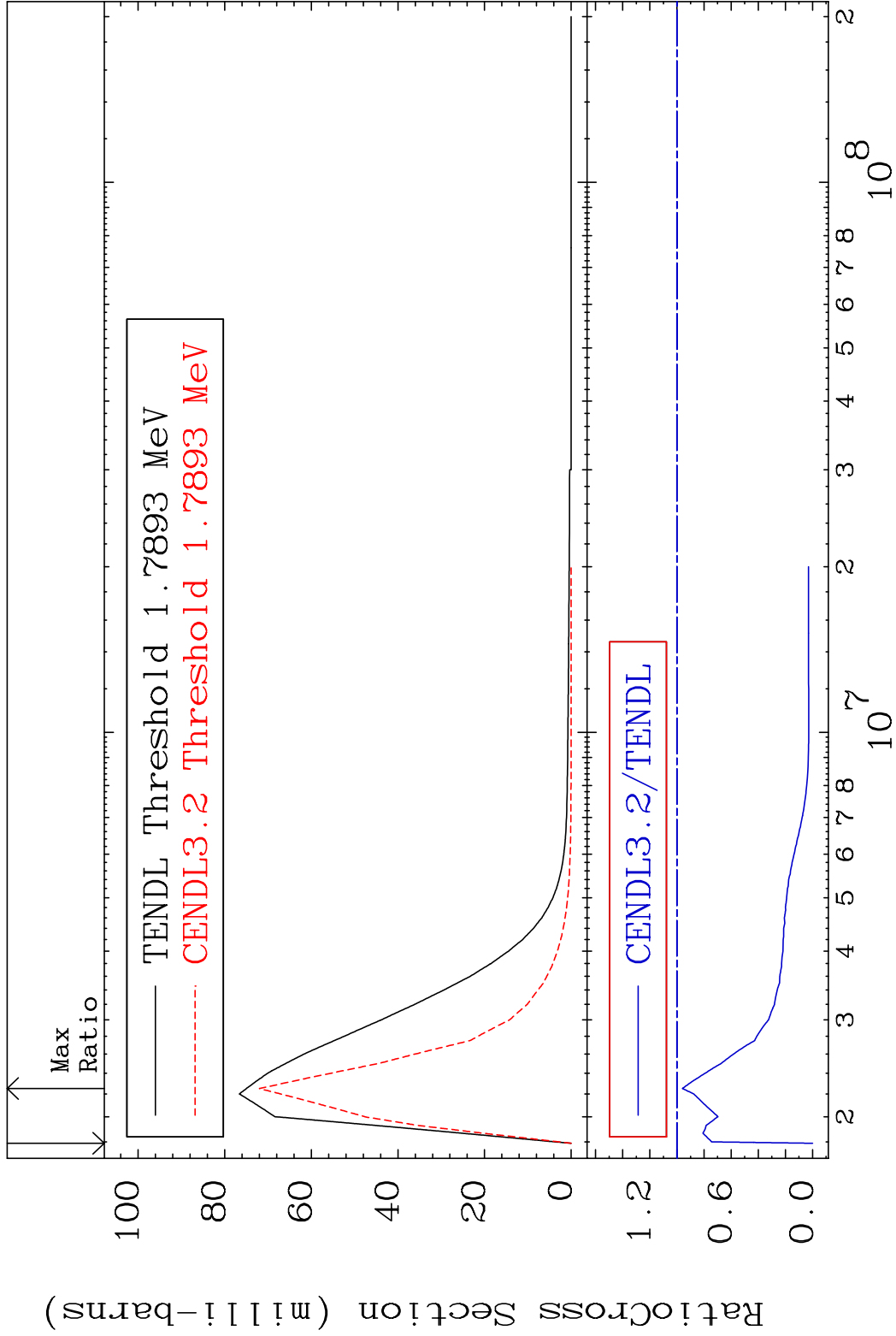


15

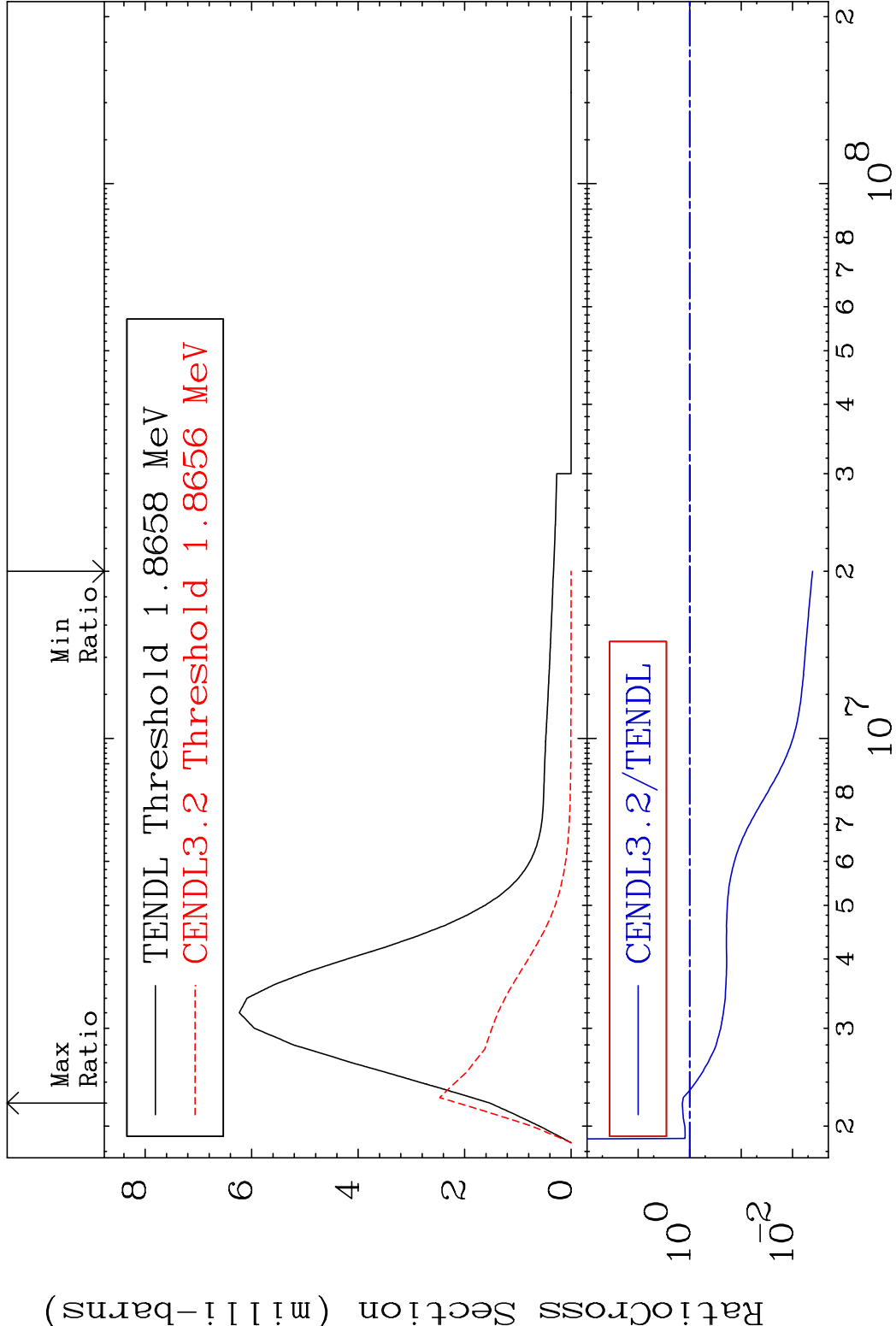
Incident Energy (eV)

42-Mo-100

MAT 4249 MT= 59 (n,n') Level 42-Mo-100
Cross Section -100.0 To -3.996%

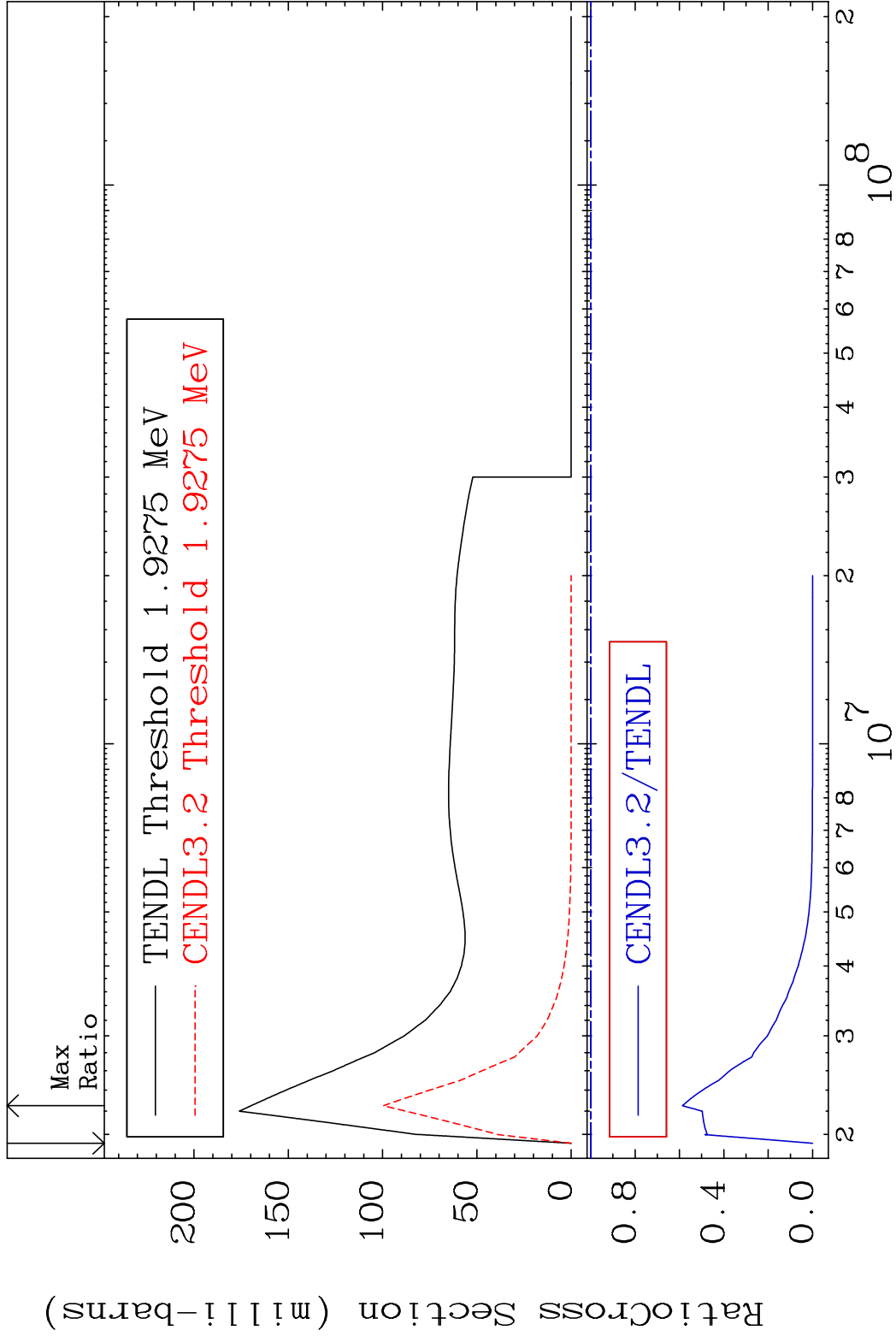


MAT 4249 MT= 60 (n,n') Level 42-Mo-100
Cross Section -99.59 To 38.92 %

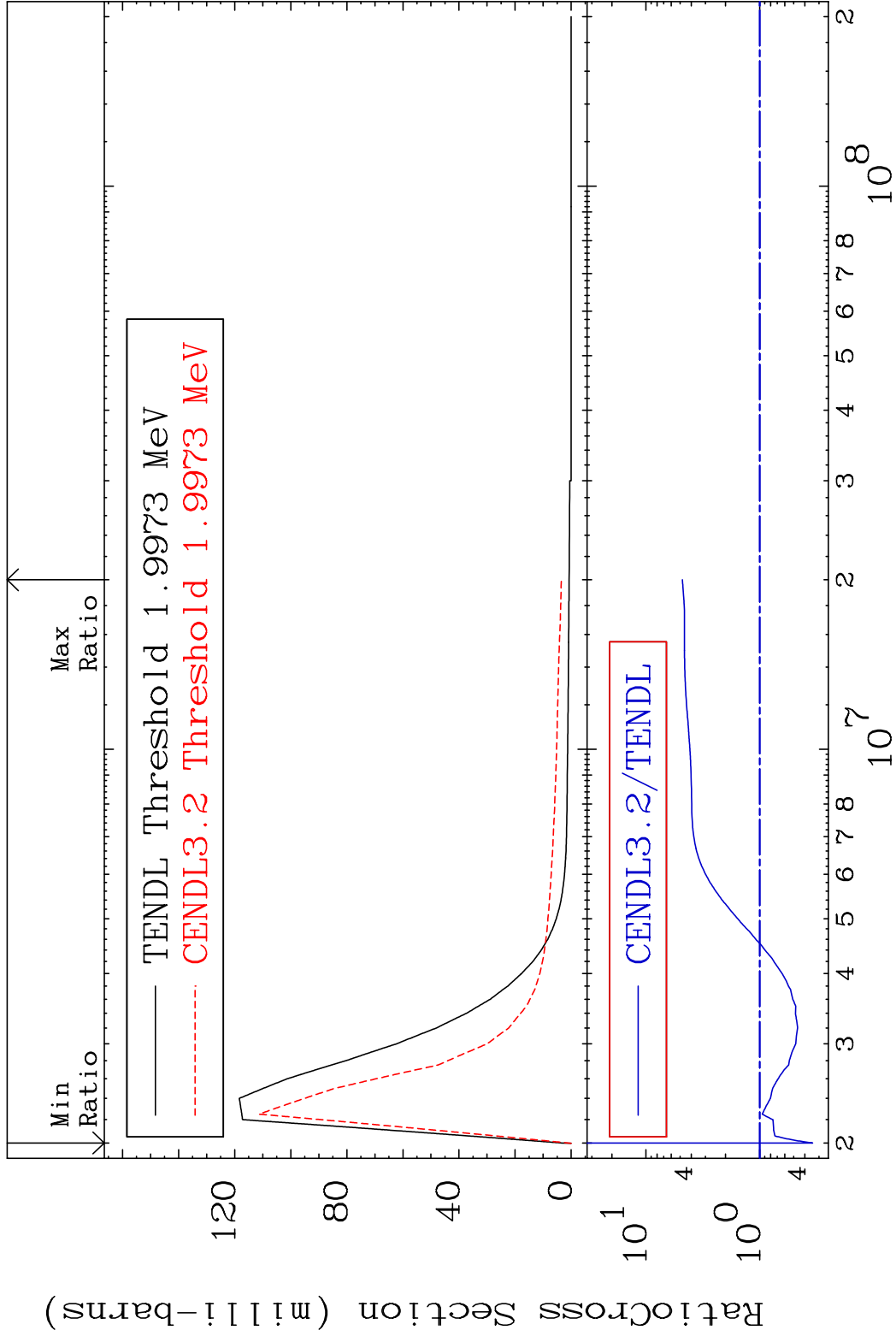


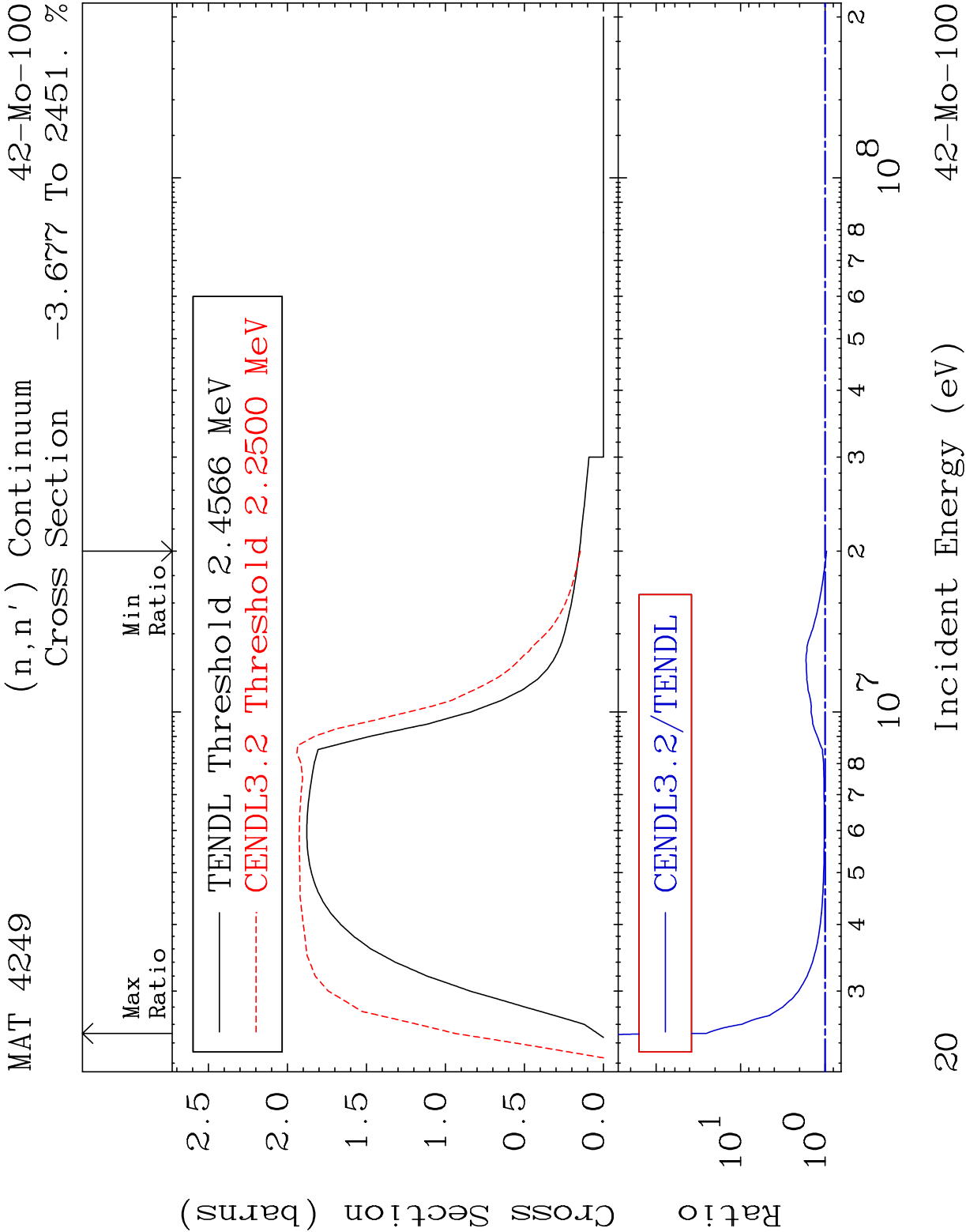
17 Incident Energy (eV) 42-Mo-100

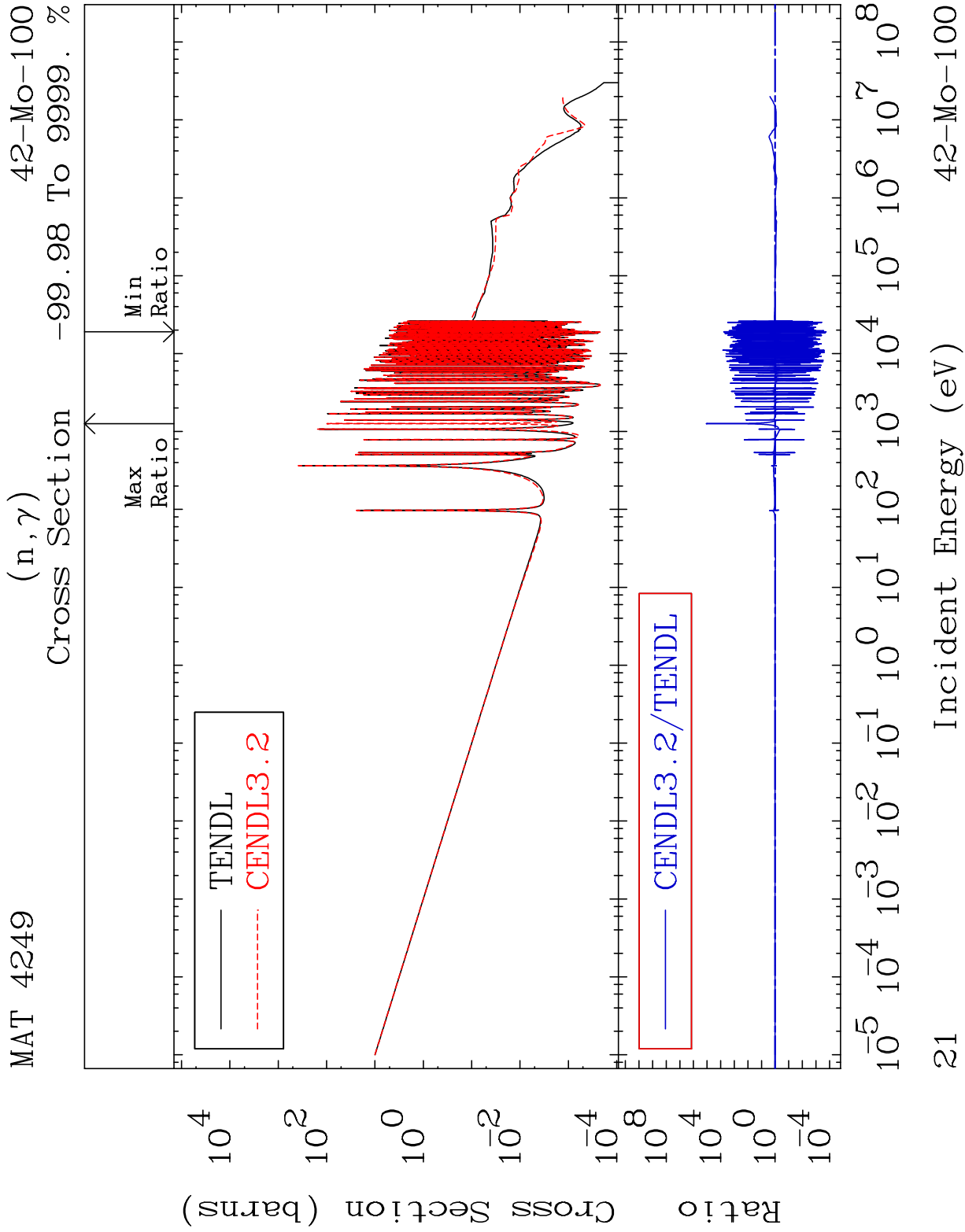
MAT 4249 MT= 61 (n,n') Level 42-Mo-100
Cross Section -100.0 To -41.30%



MAT 4249 MT= 62 (n,n') Level 42-Mo-100
Cross Section -65.83 To 378.7 %





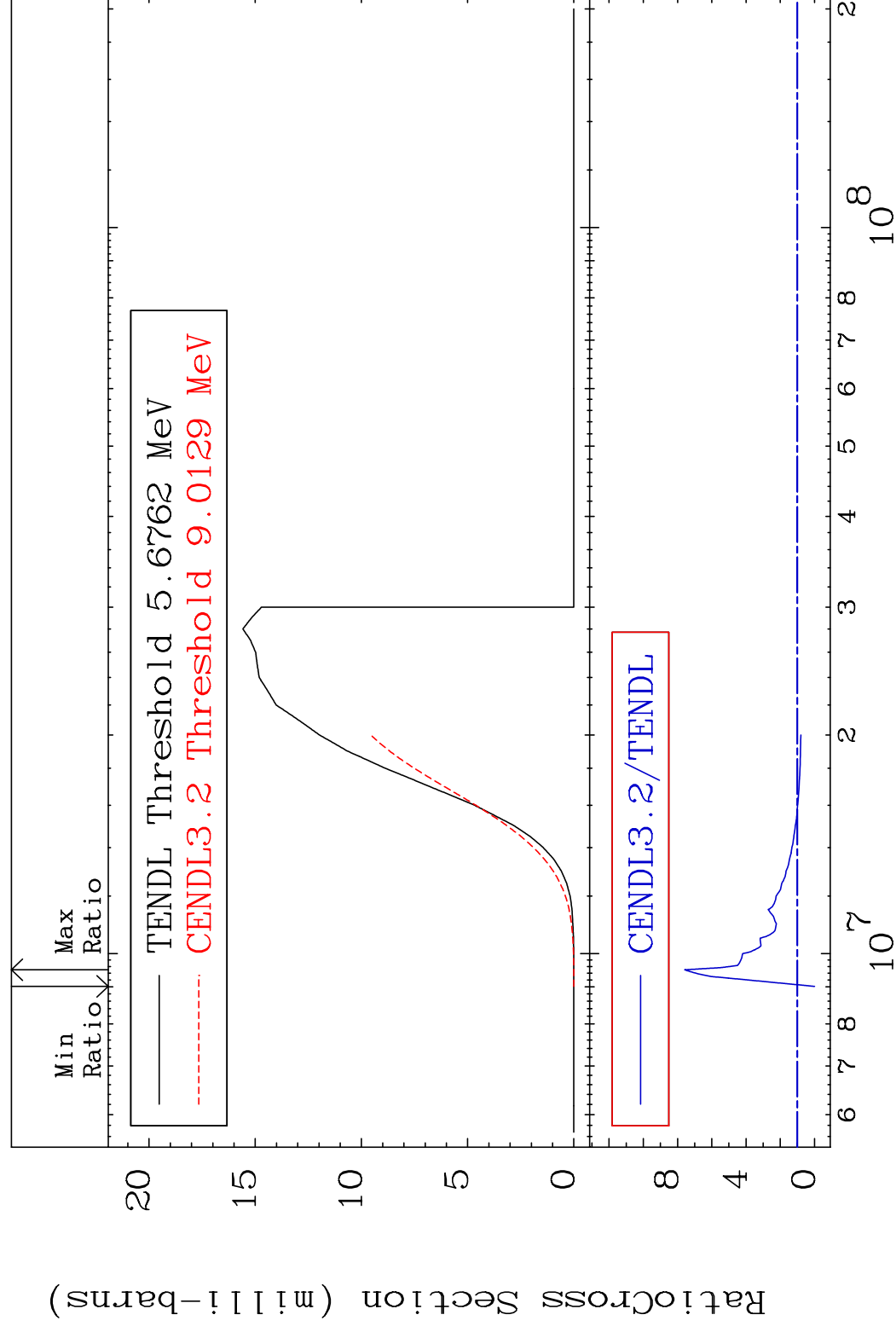


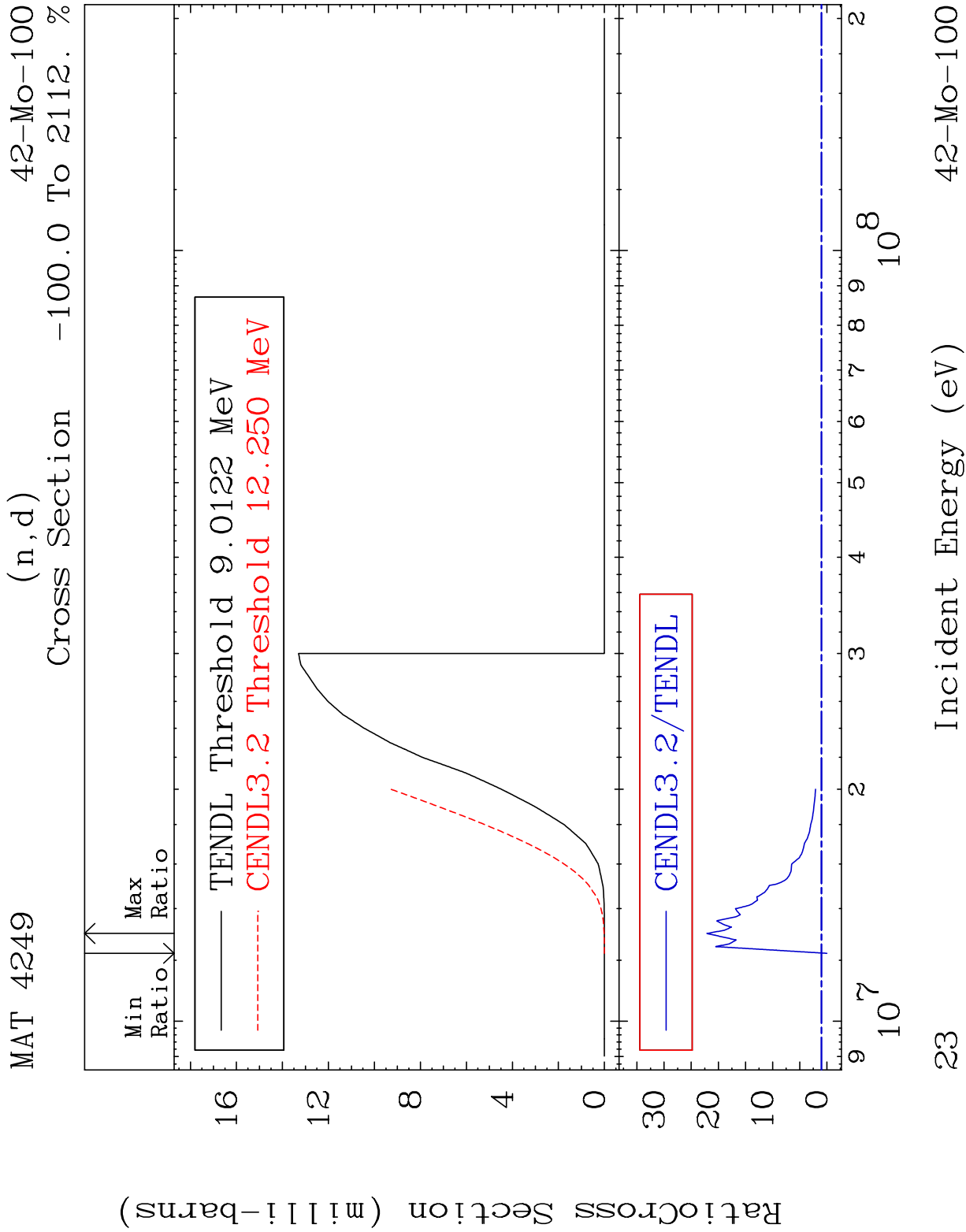
MAT 4249

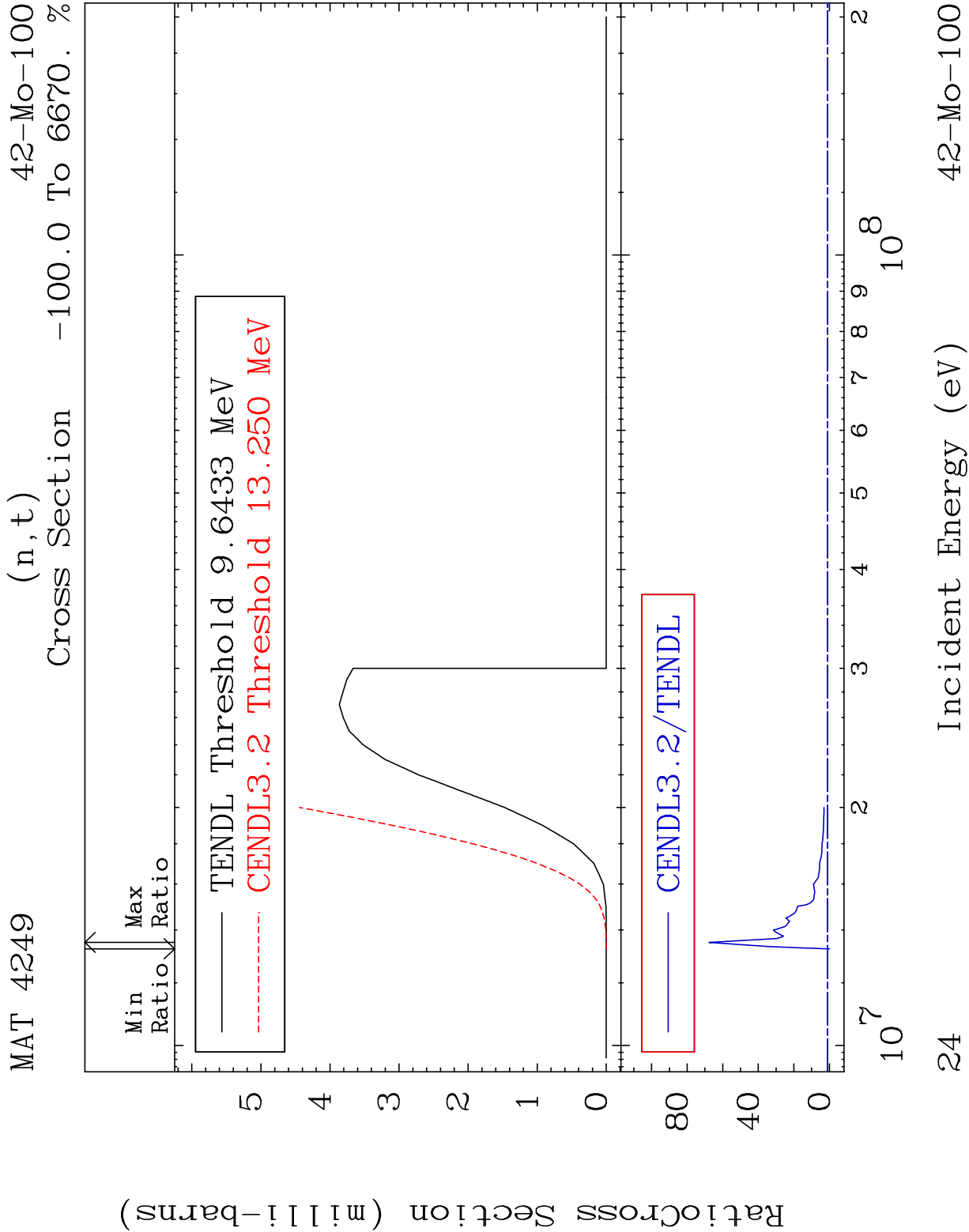
$$(n, p)$$

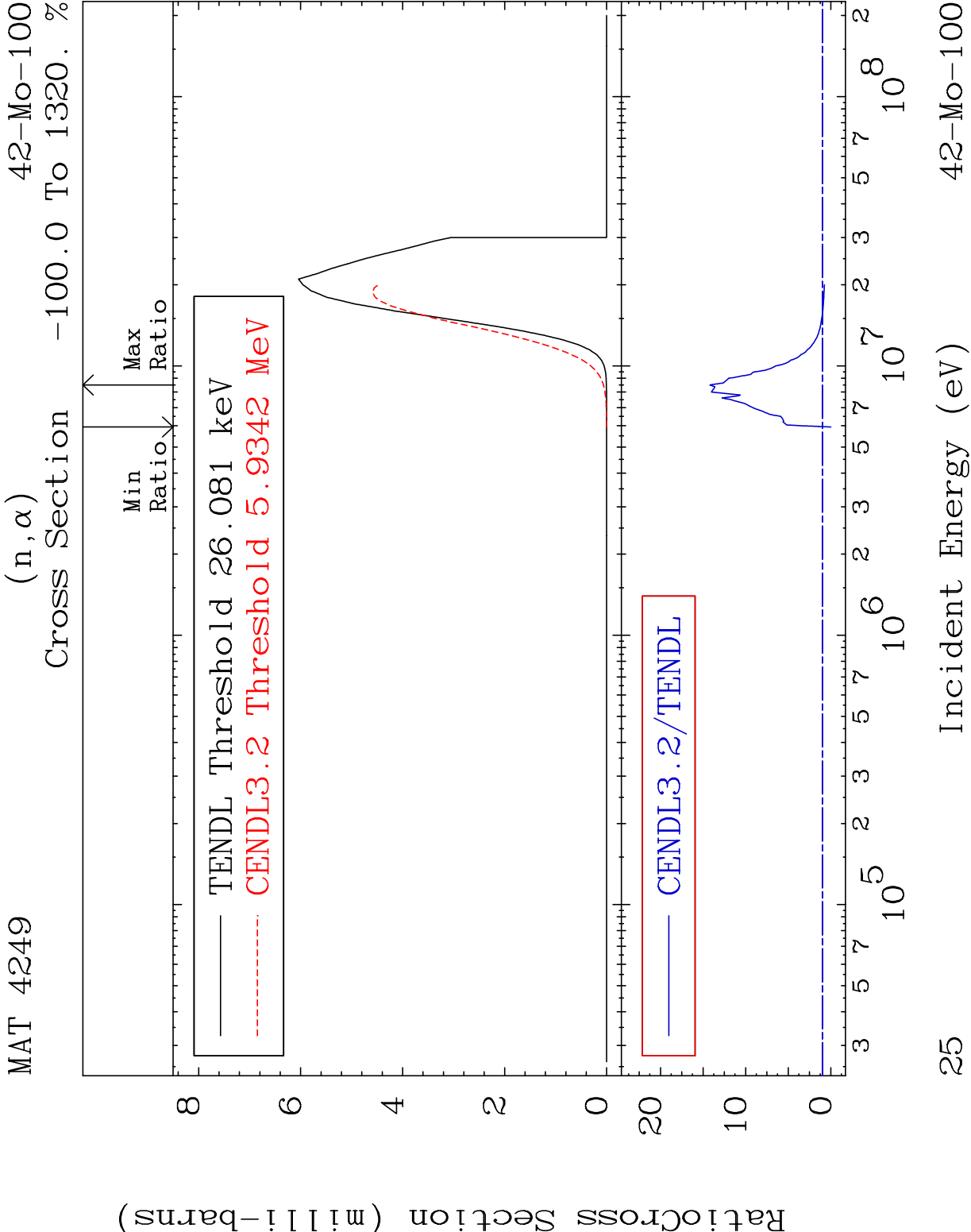
42-Mo-100

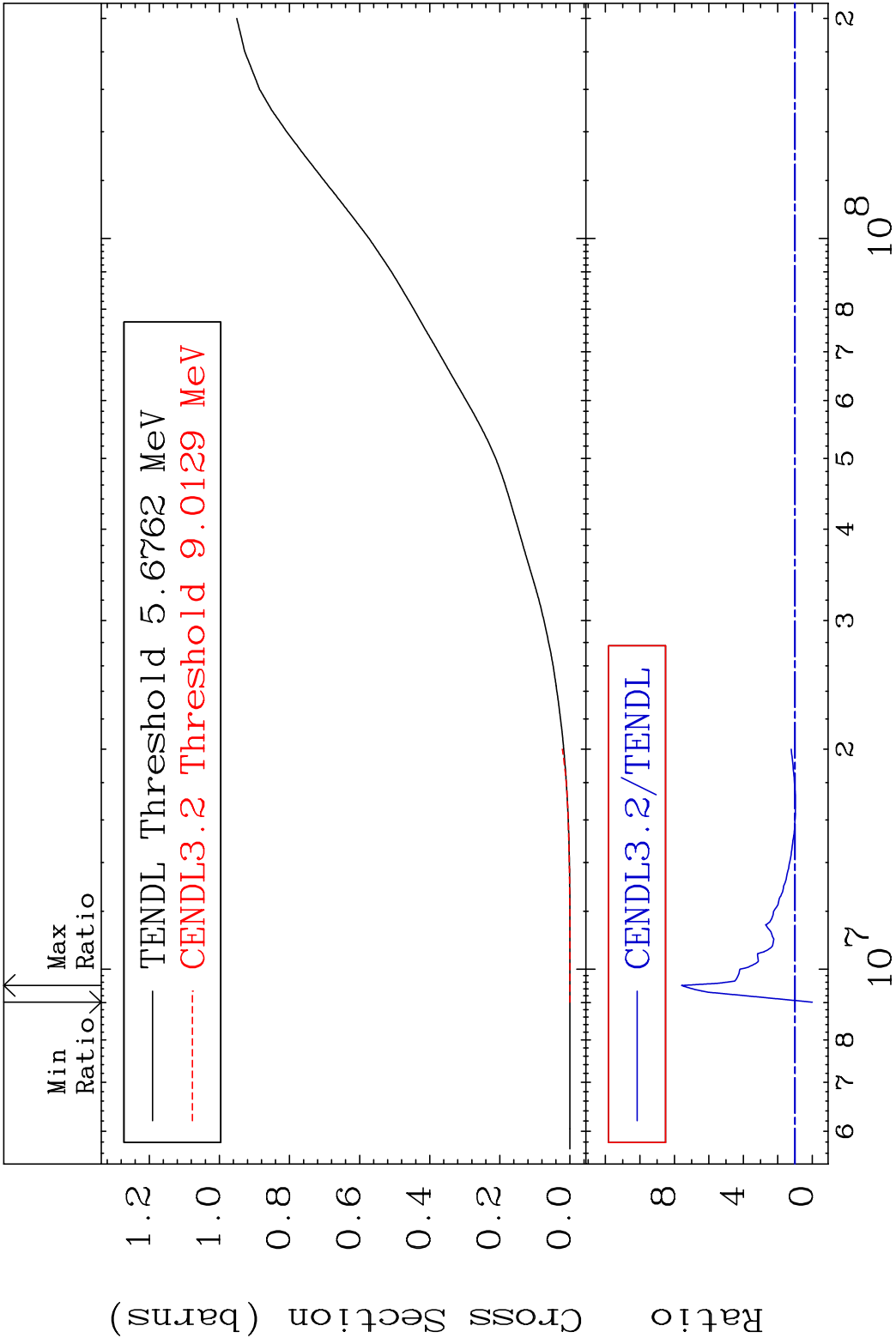
Cross Section -100.0 To 658.4 %

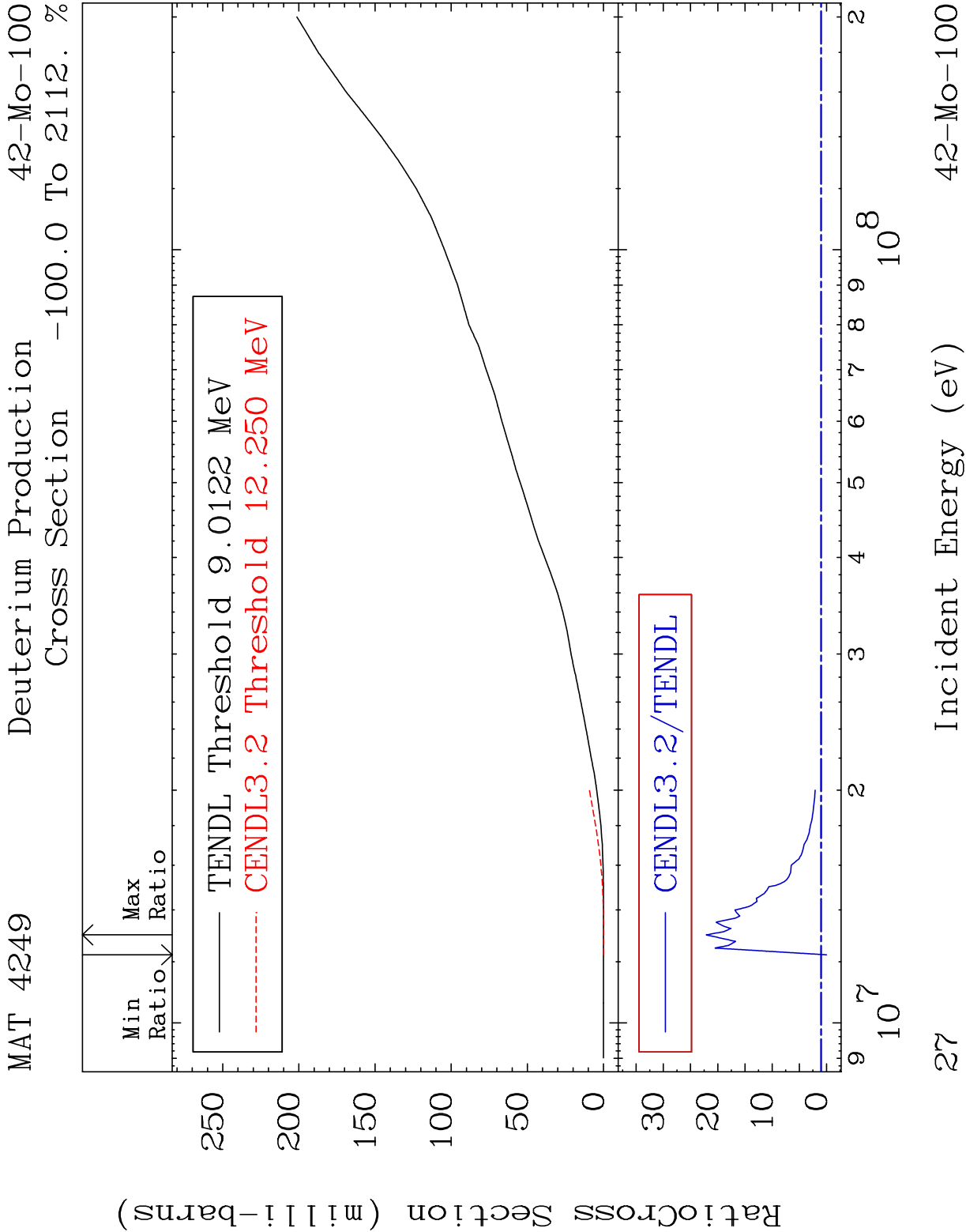




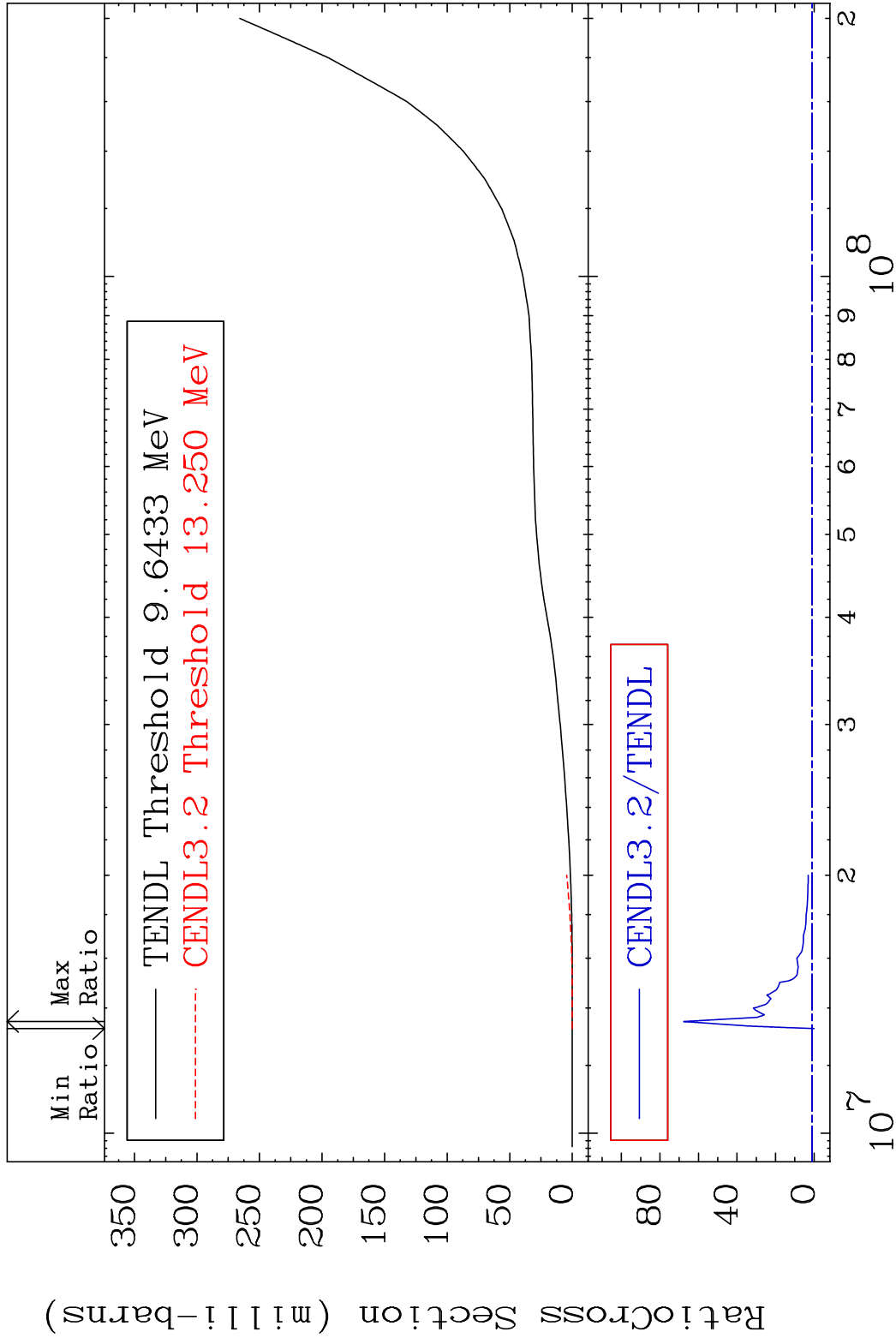




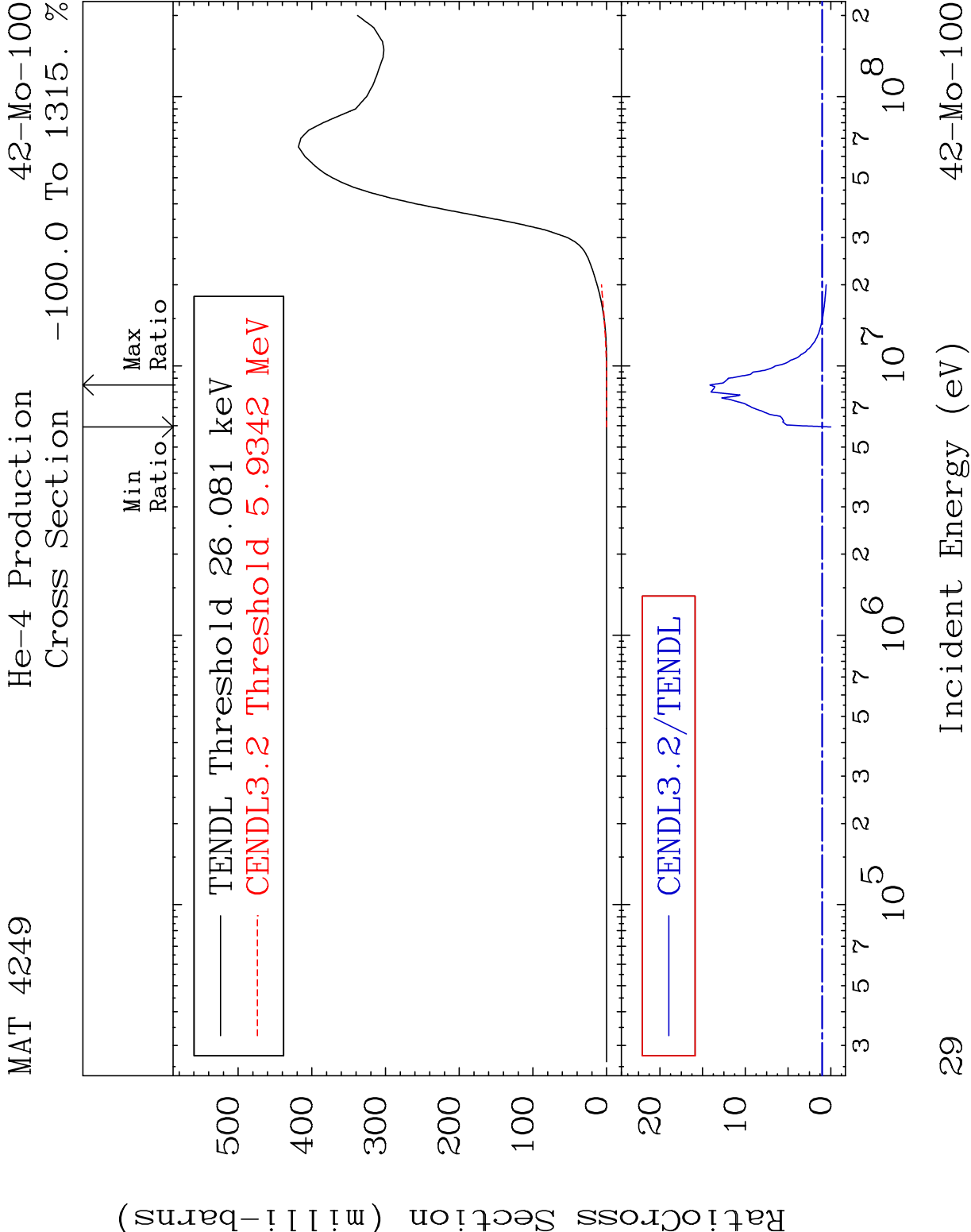


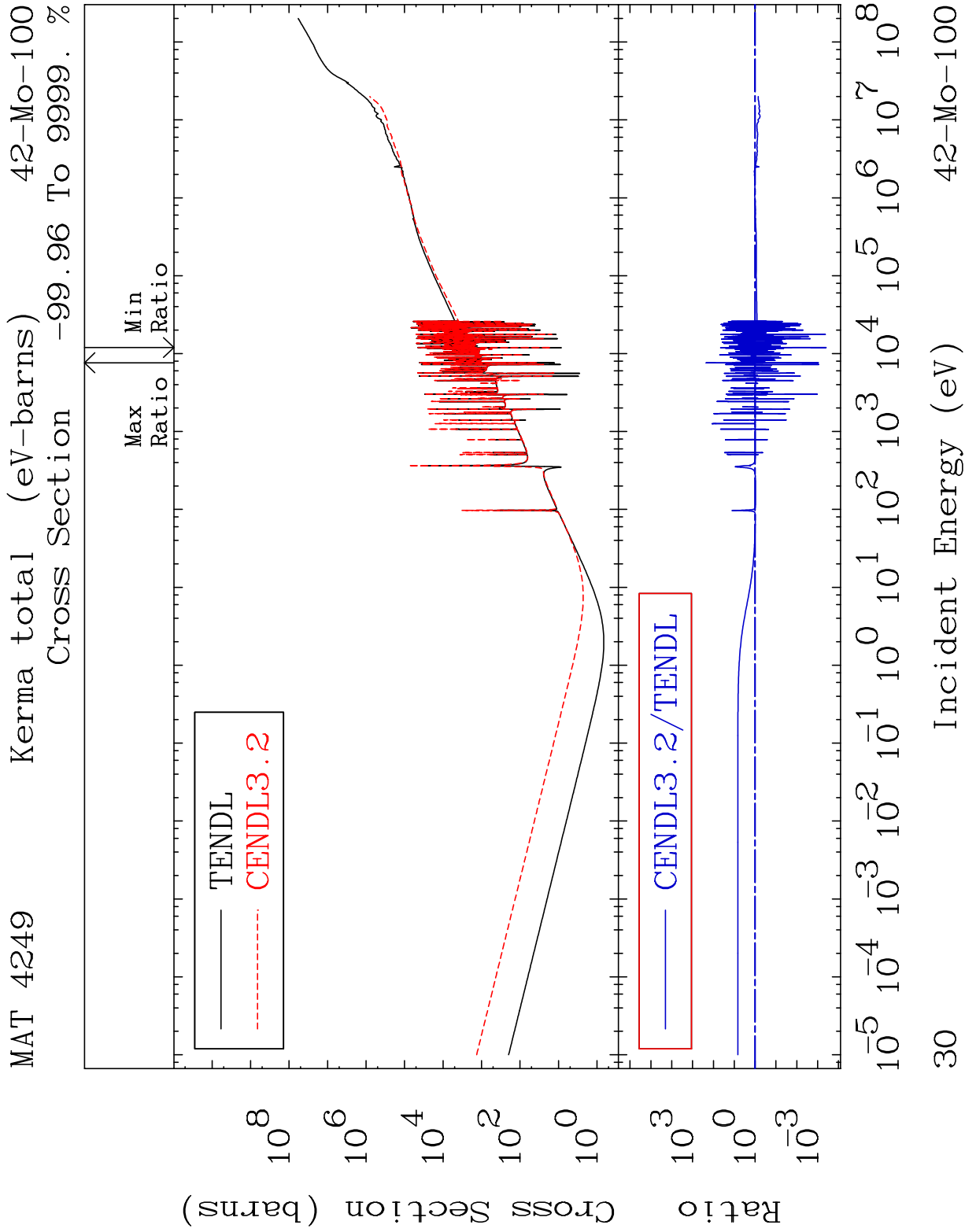


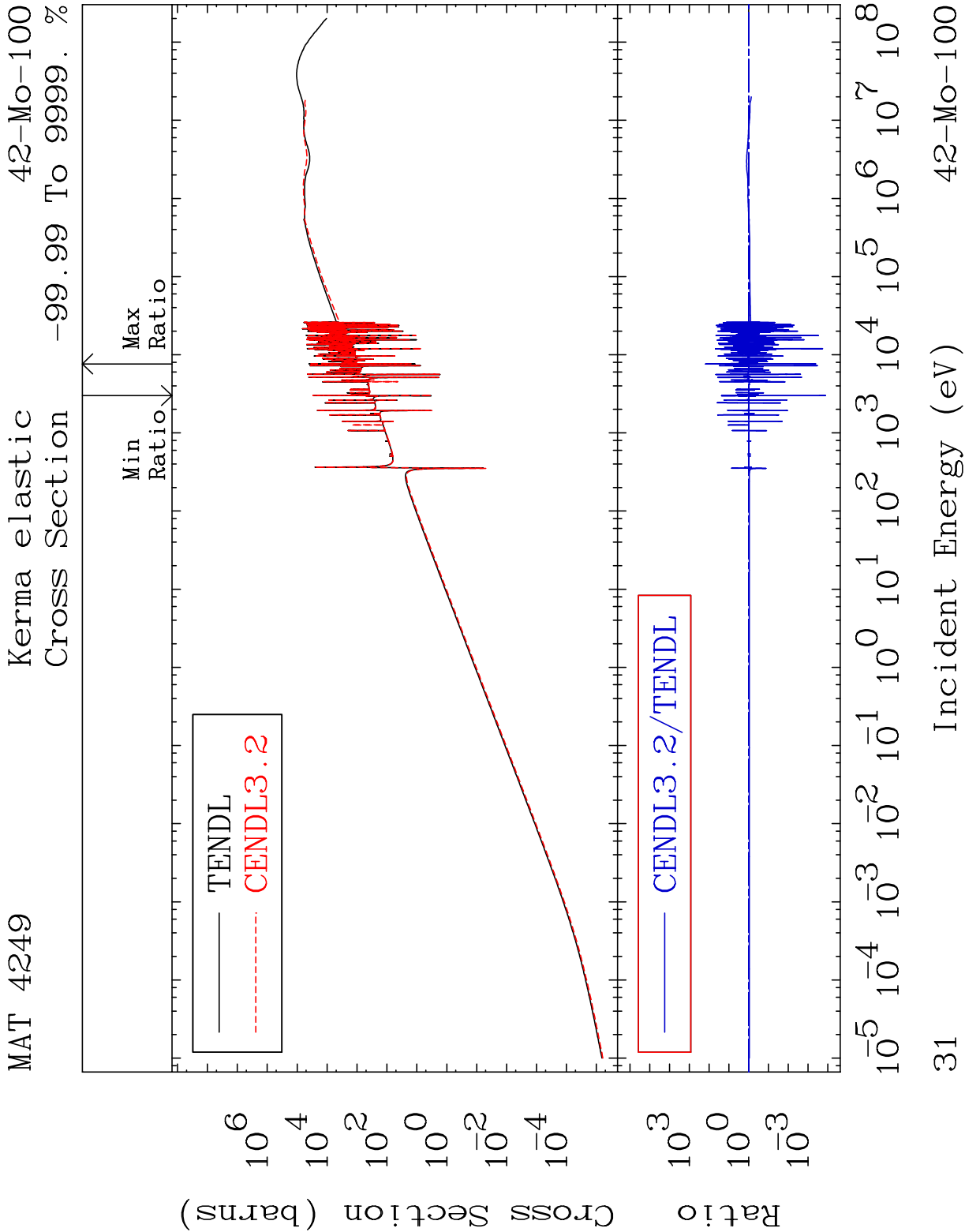
MAT 4249 Tritium Production 42-Mo-100
Cross Section -100.0 To 6670. %



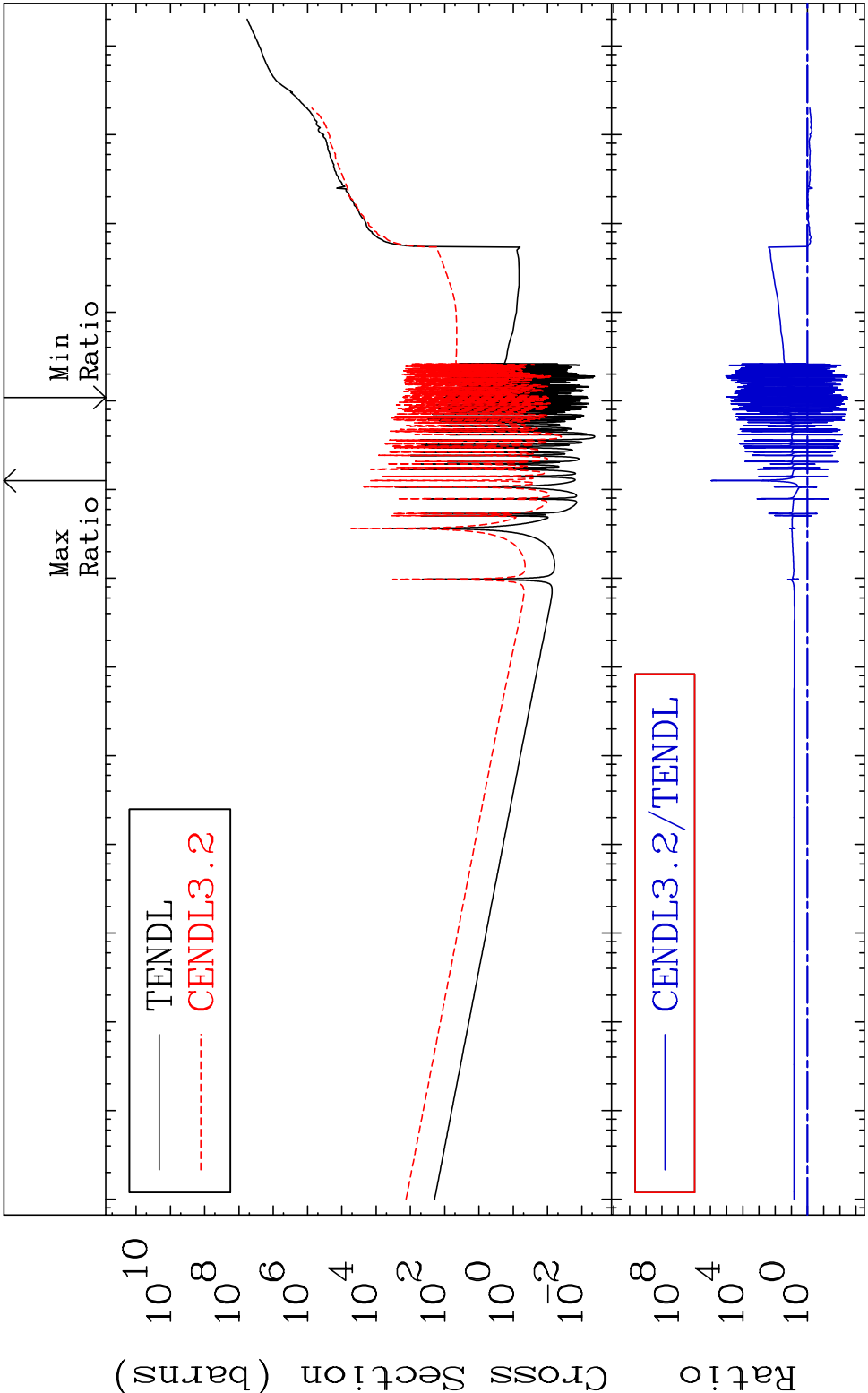
28 Incident Energy (eV) 42-Mo-100



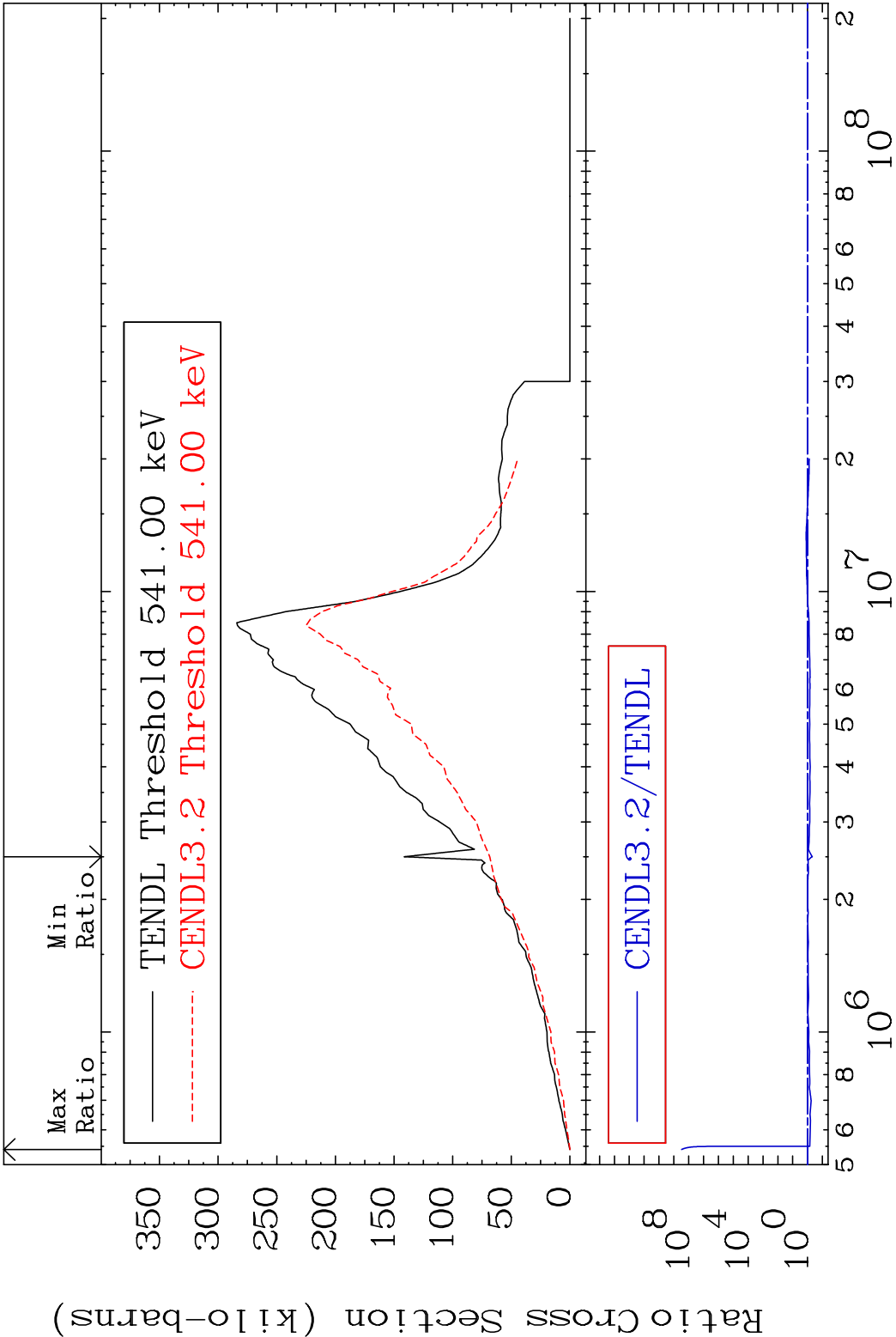




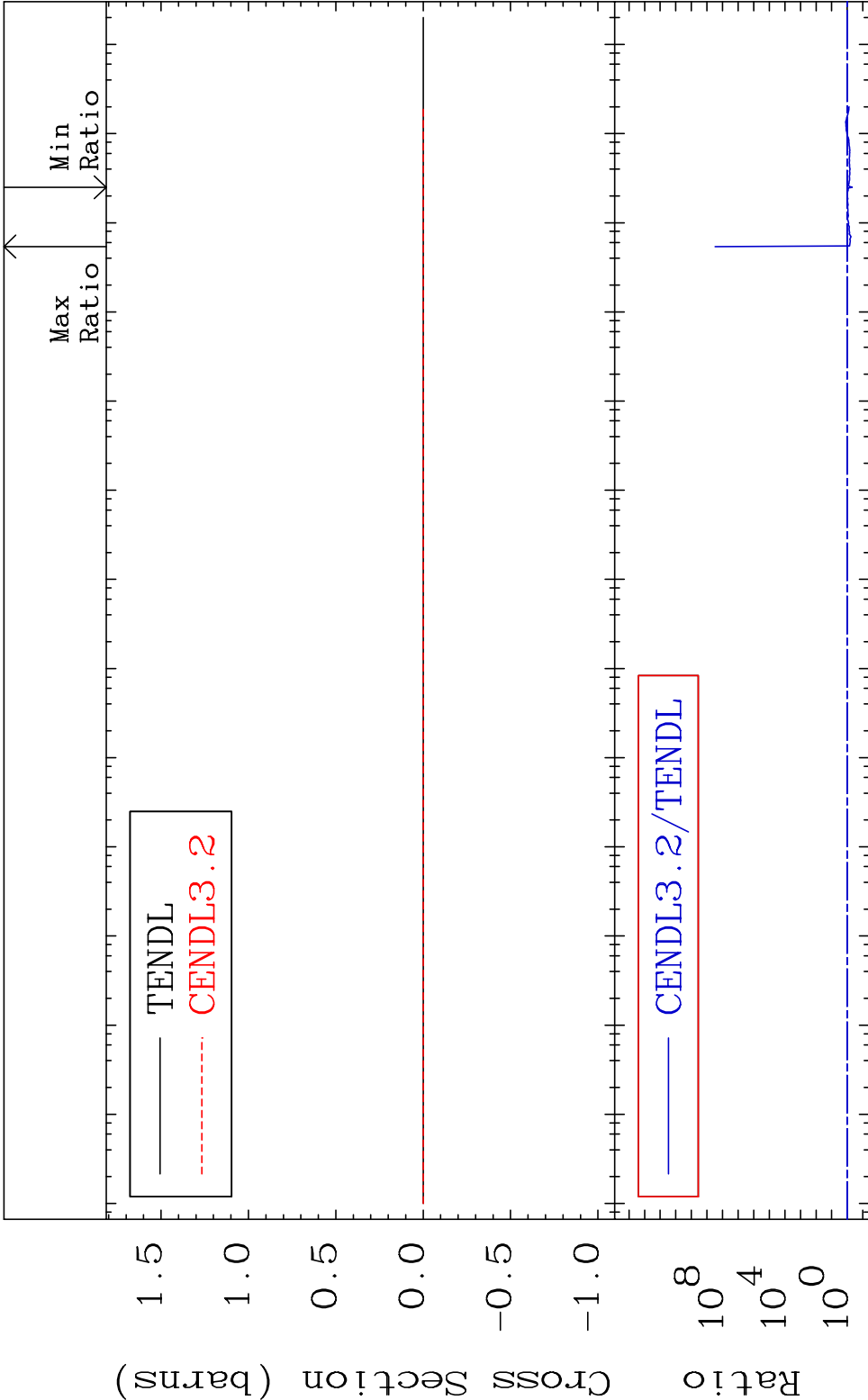
MAT 4249 Kerma non-elastic (all but mt2) 42-Mo-100
 Cross Section -99.68 To 9999. %



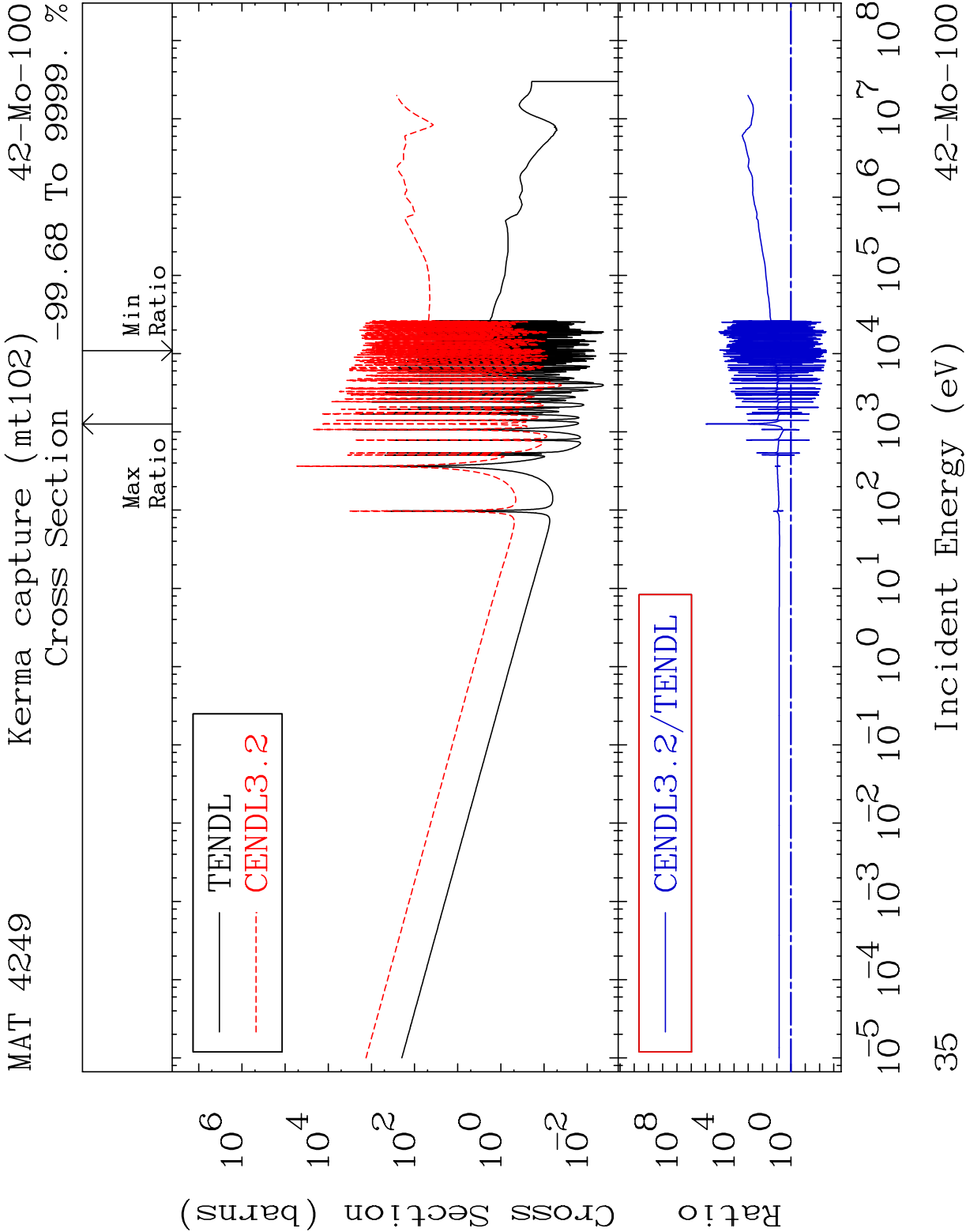
32 Incident Energy (eV) 42-Mo-100

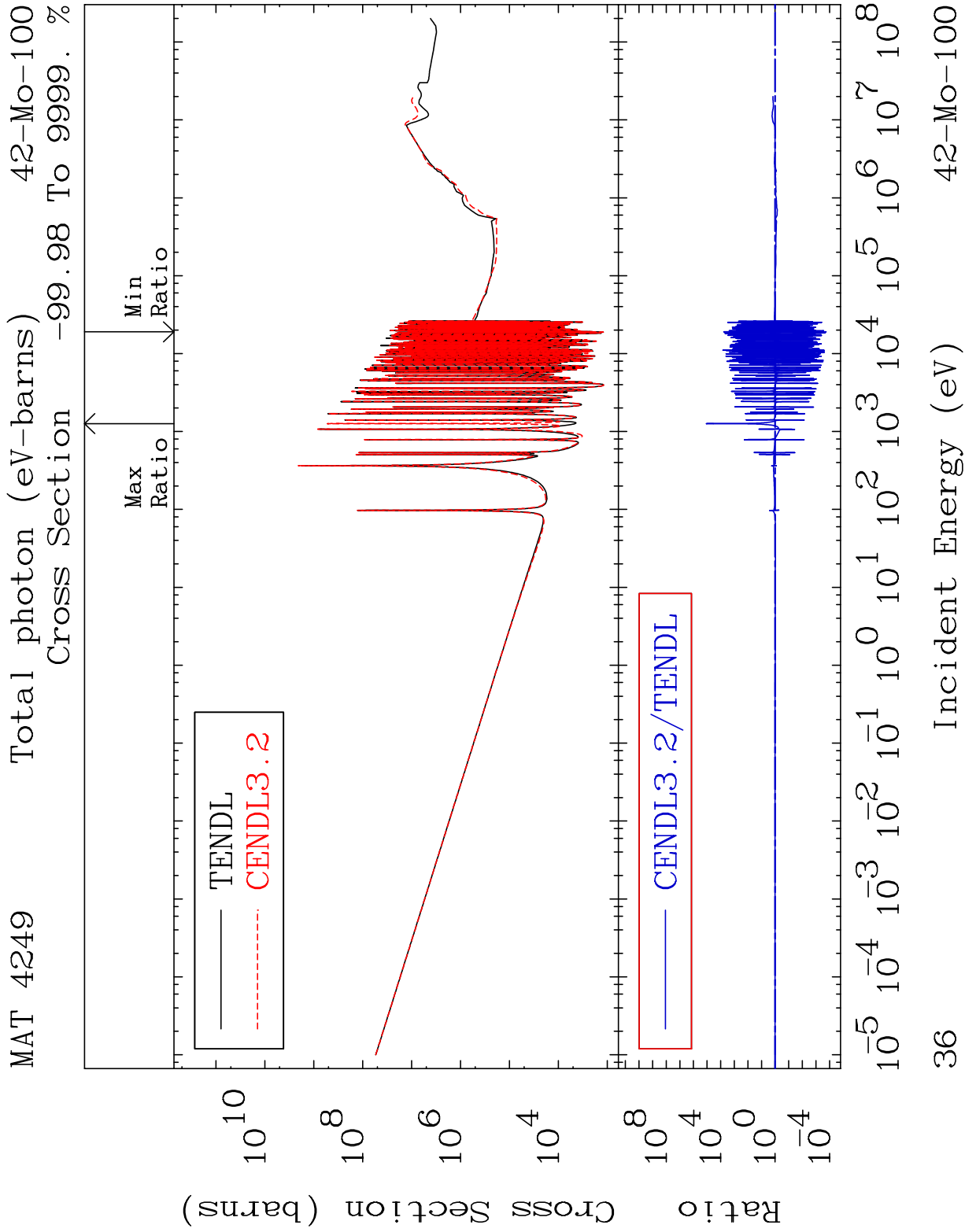


MAT 4249Kerma fission (mt18 or mt19-20-21-38)42-Mo-100
Cross Section -51.55 To 9999. %



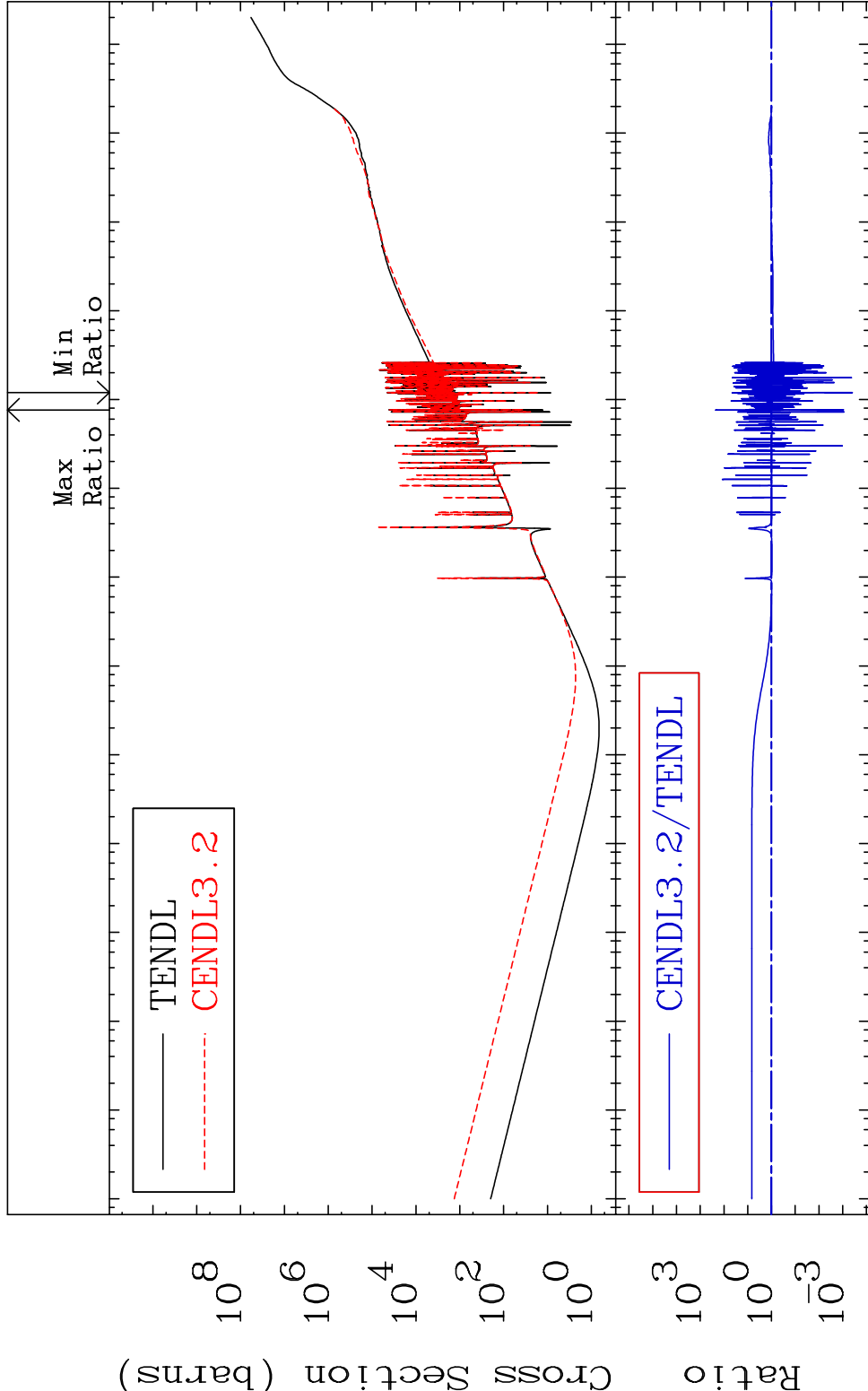
34 Incident Energy (eV) 42-Mo-100



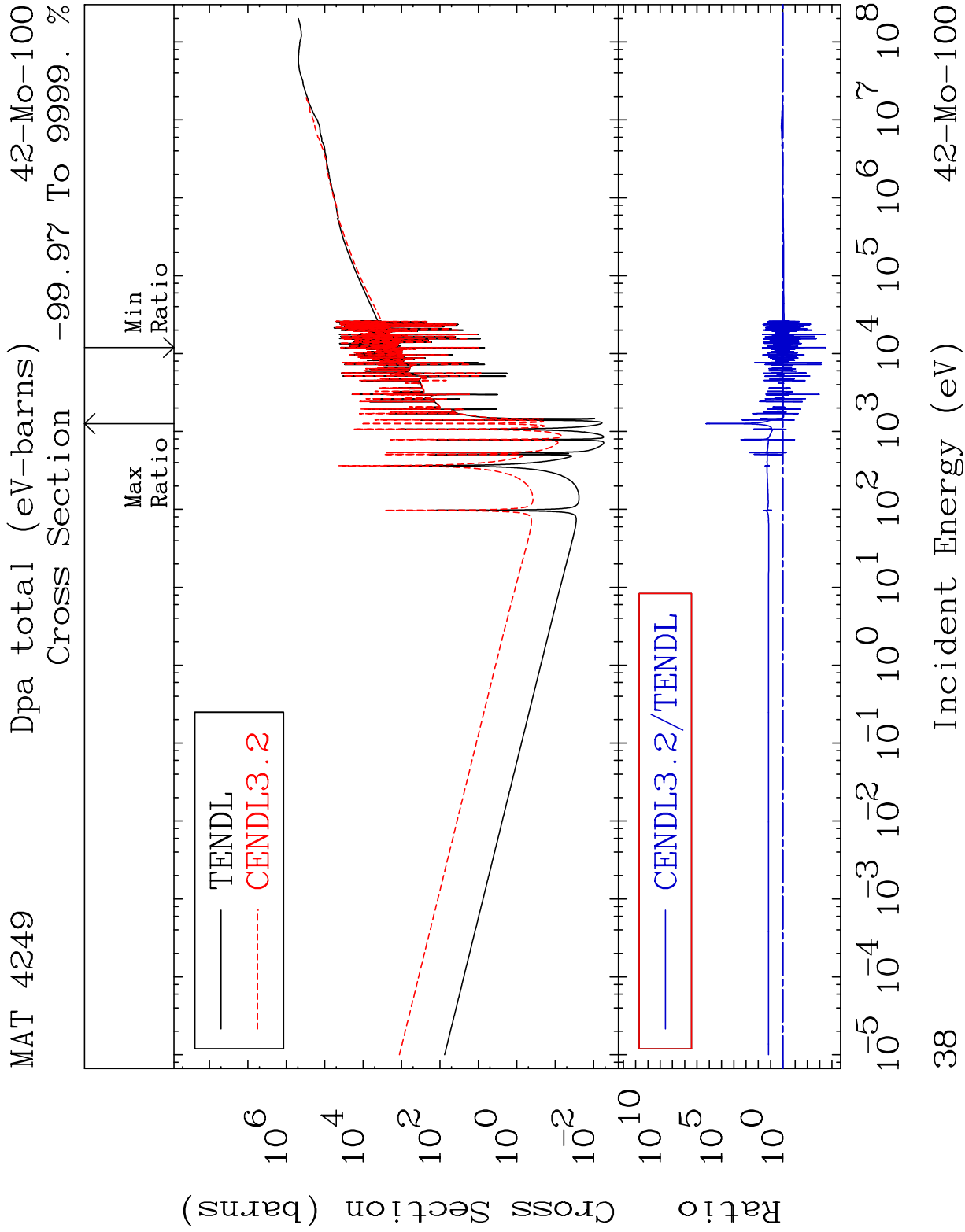


MAT 4249 Total kinematic kerma (high limit) 42-Mo-100

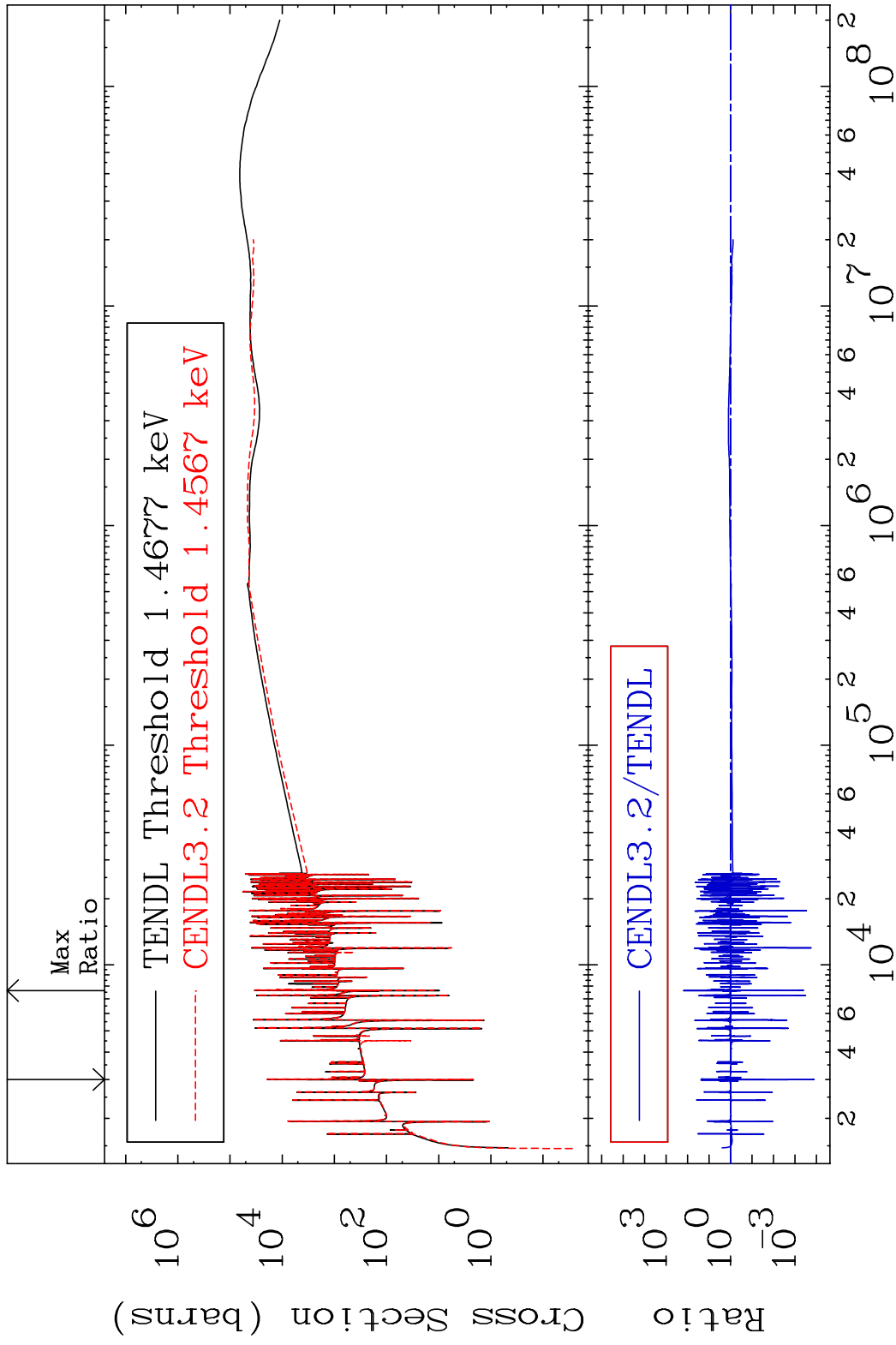
Cross Section -99.96 To 9999. %



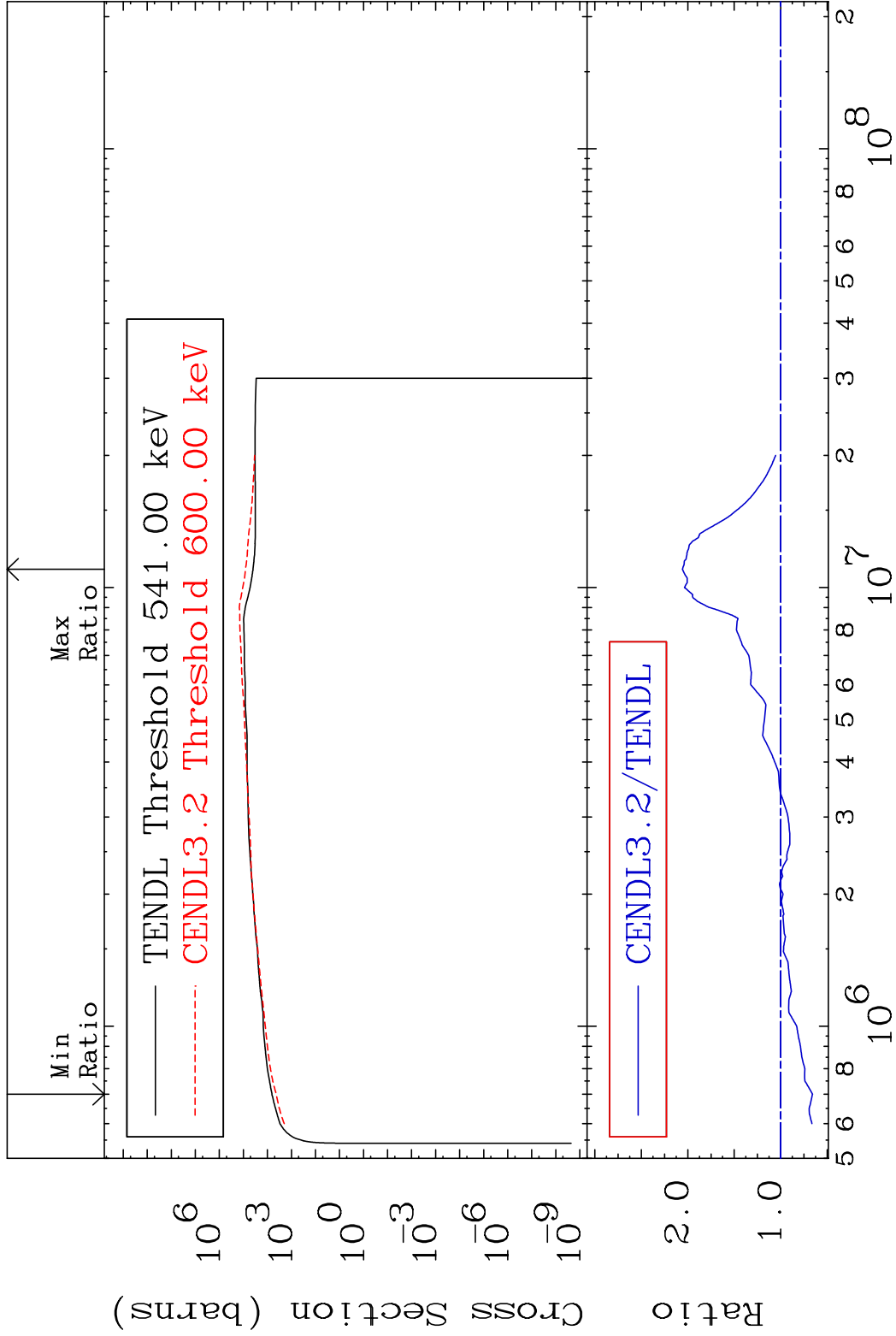
37 Incident Energy (eV) 42-Mo-100



MAT 4249 Dpa elastic (mt2) 42-Mo-100
 Cross Section -99.99 To 9999. %

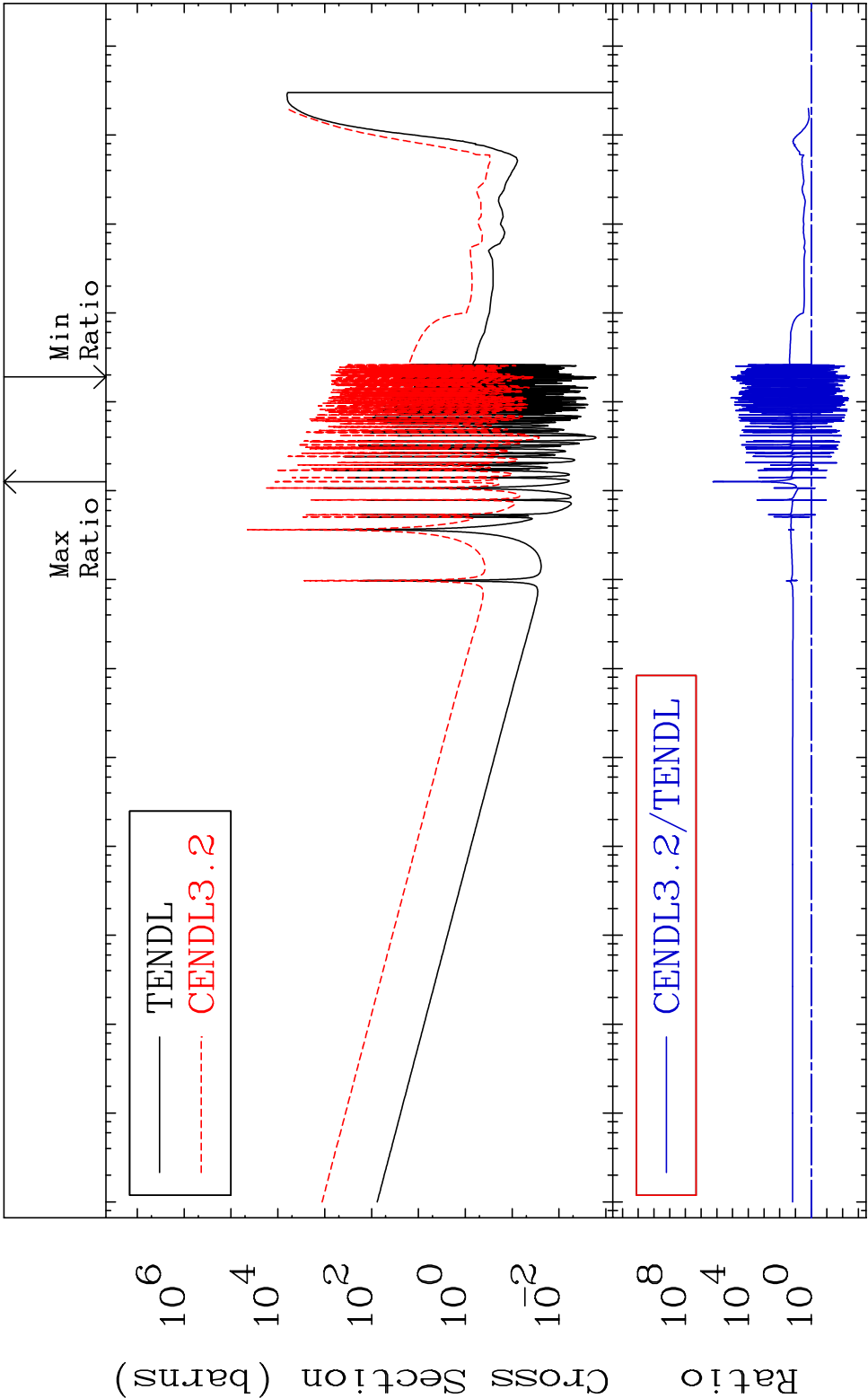


MAT 4249 Dpa inelastic (mt51-91) 42-Mo-100
Cross Section -34.19 To 105.8 %

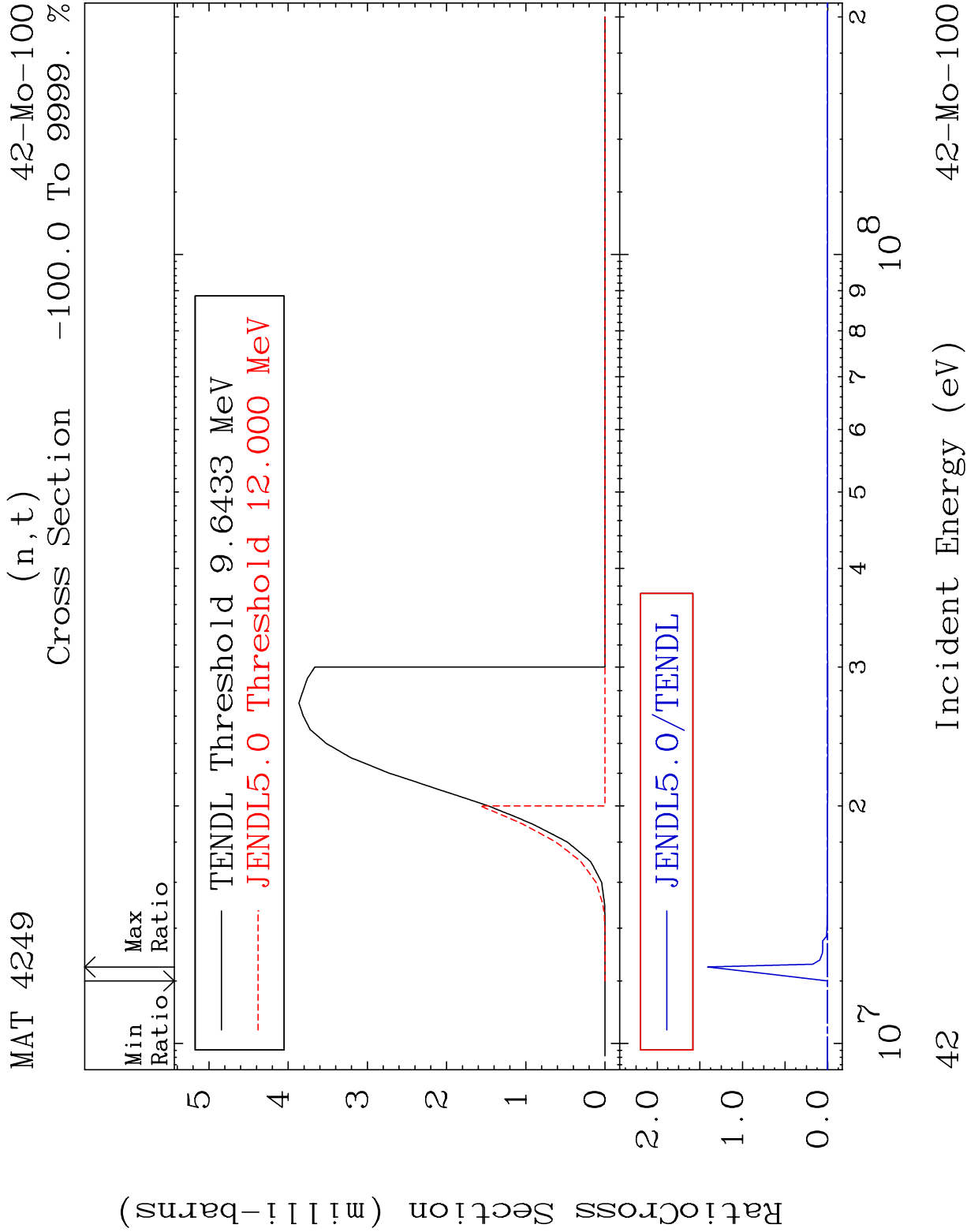


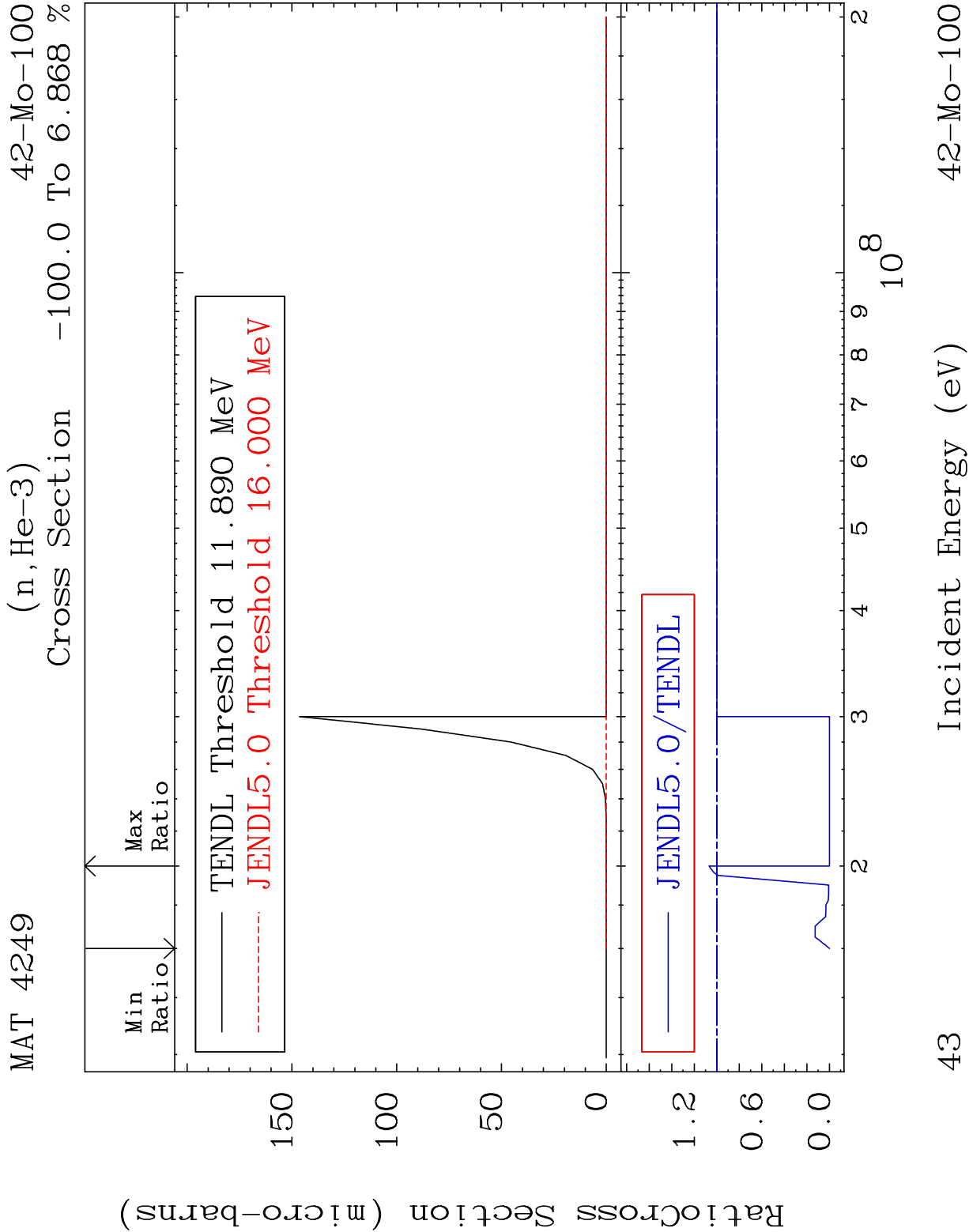
40 Incident Energy (eV) 42-Mo-100

MAT 4249 Dpa disappearance (mt102 -120) 42-Mo-100
 Cross Section -99.64 To 9999. %



41 Incident Energy (eV) 42-Mo-100



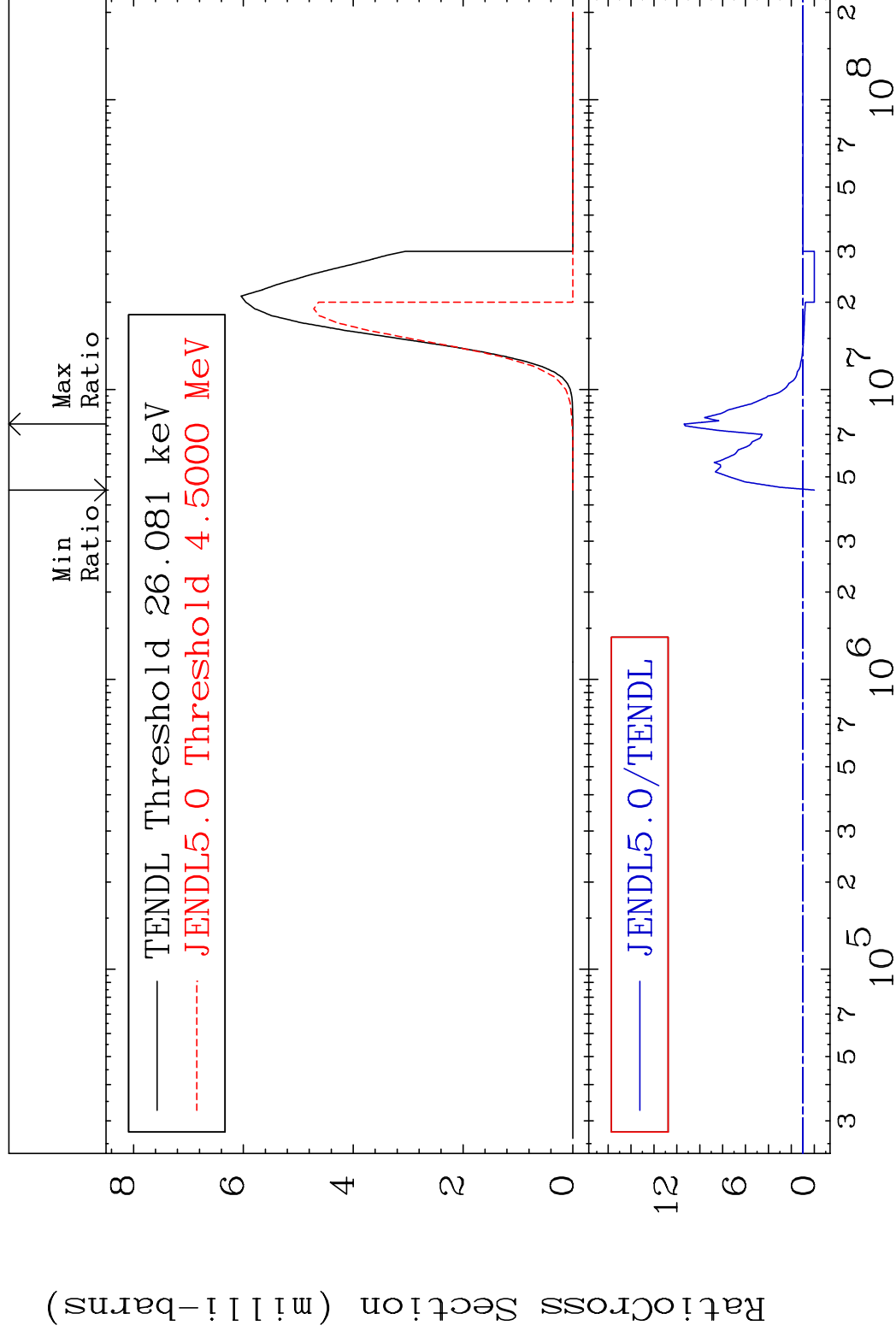


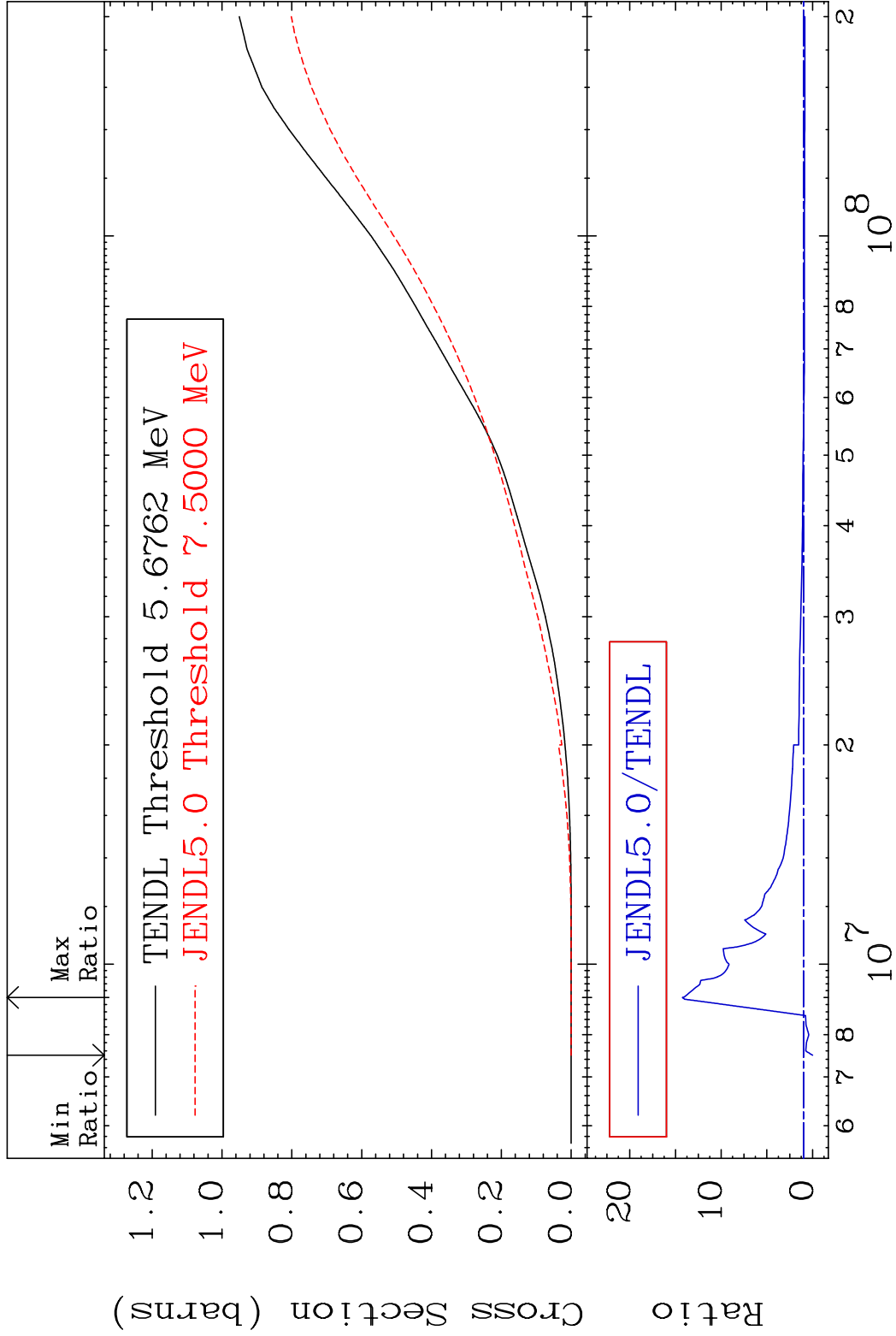
MAT 4249

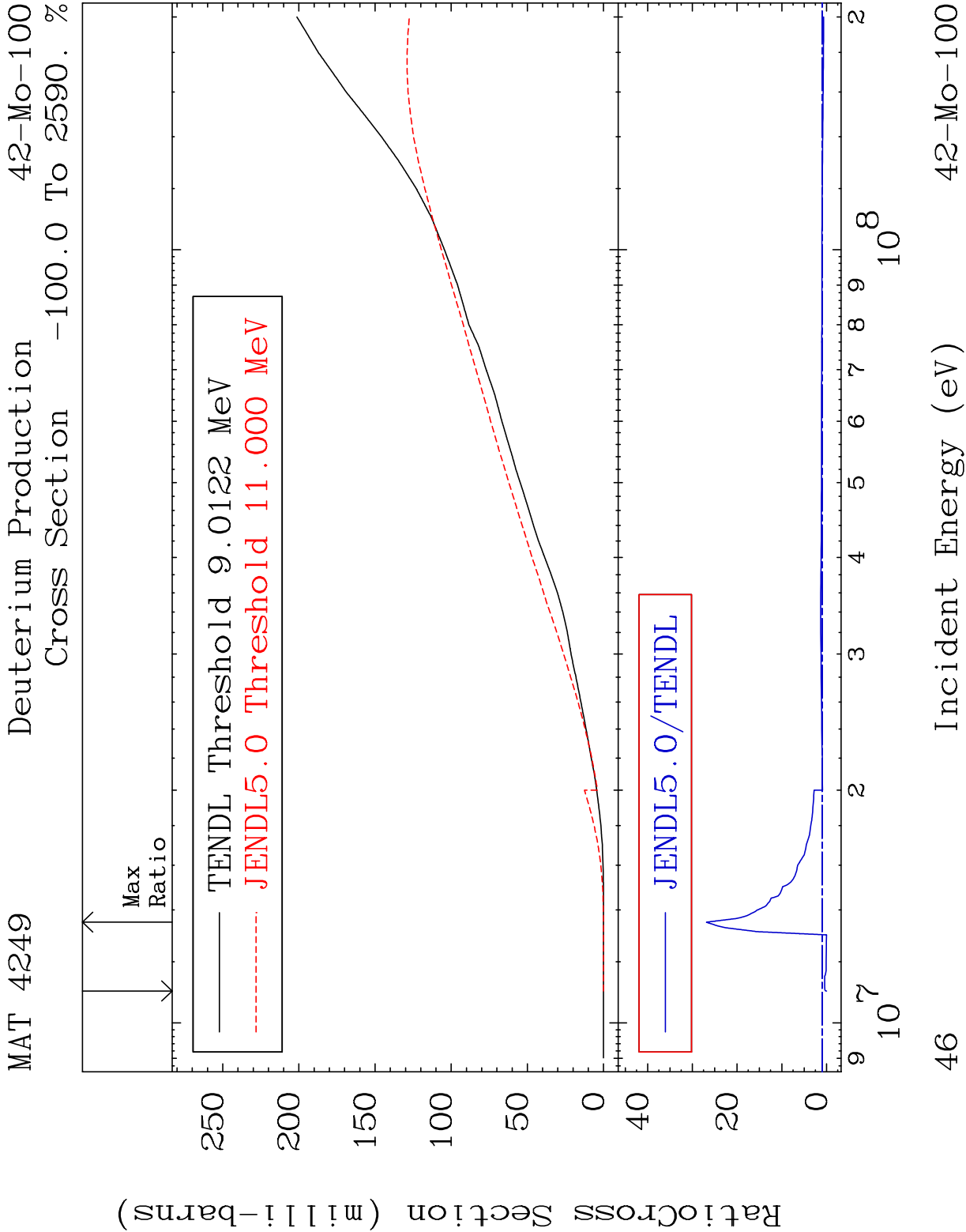
$$(n, \alpha)$$

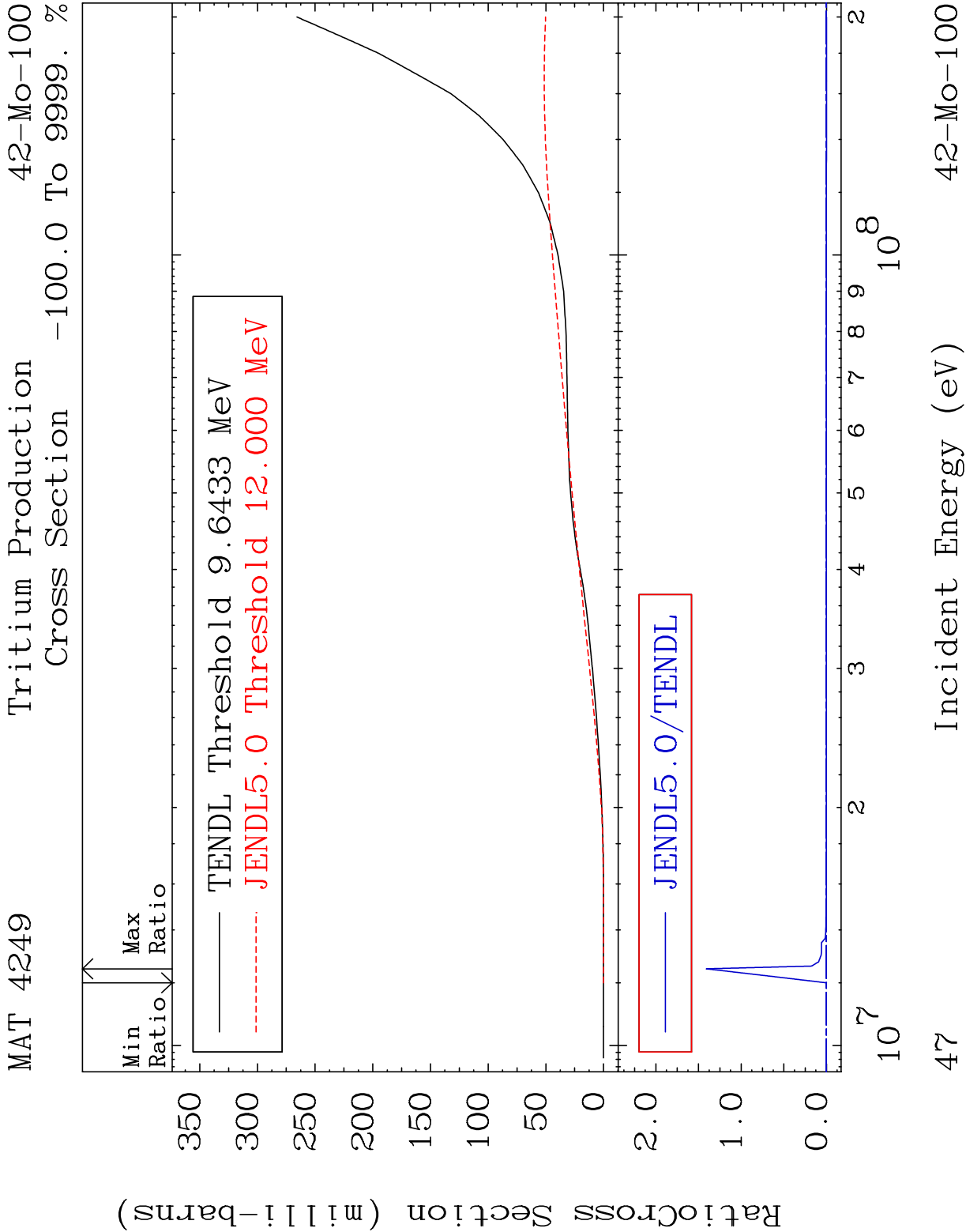
42-Mo-100

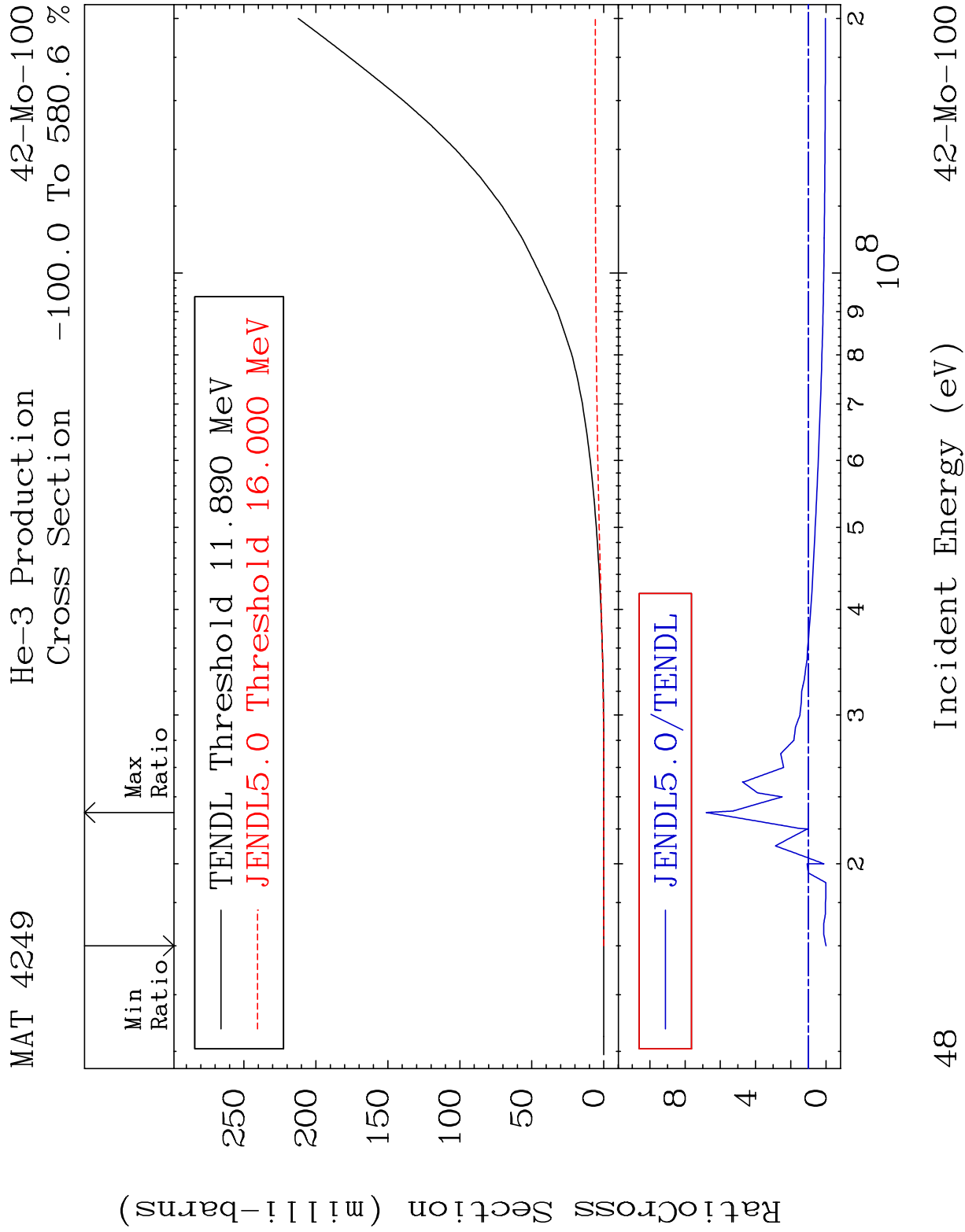
Cross Section -100.0 To 1037. %

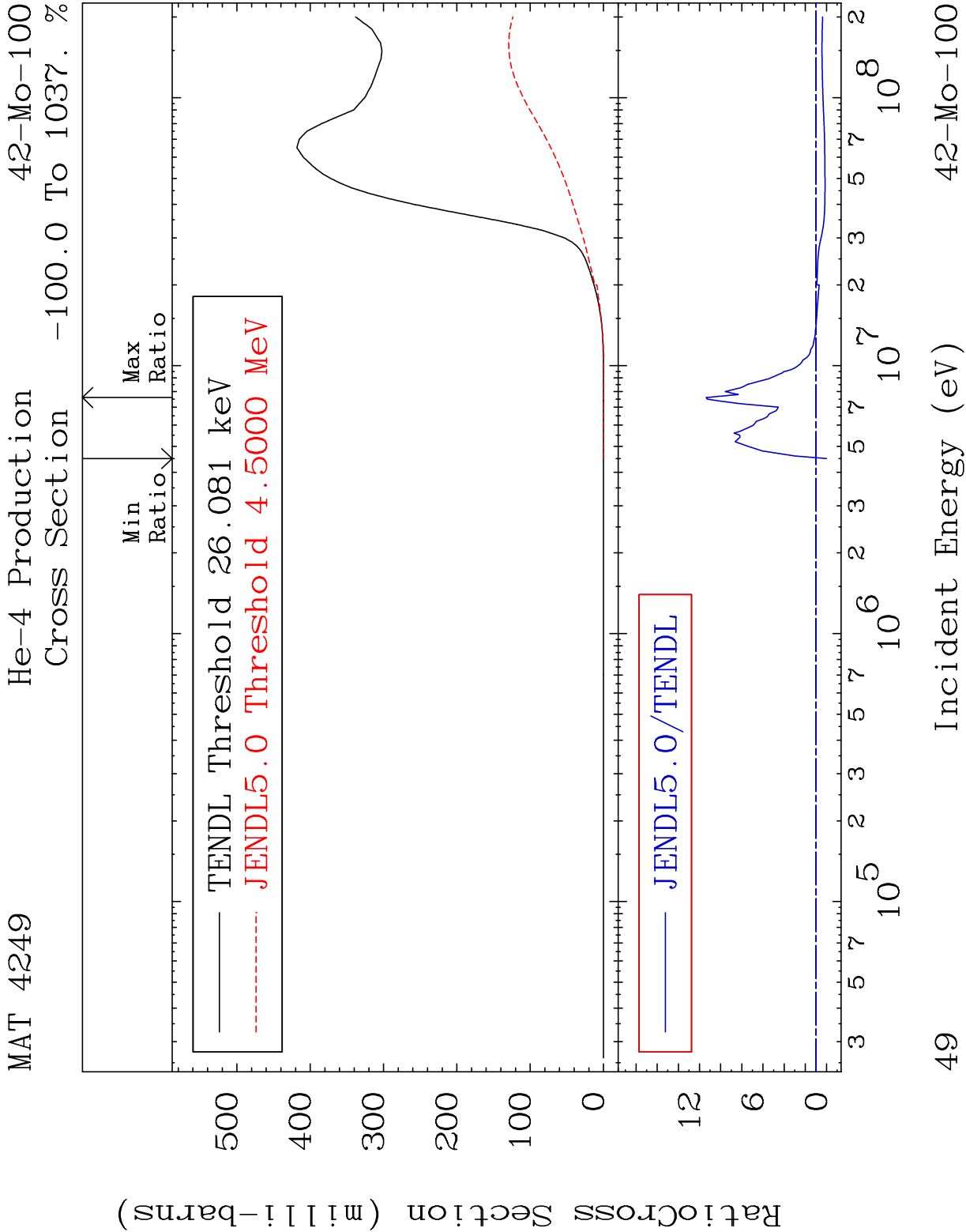










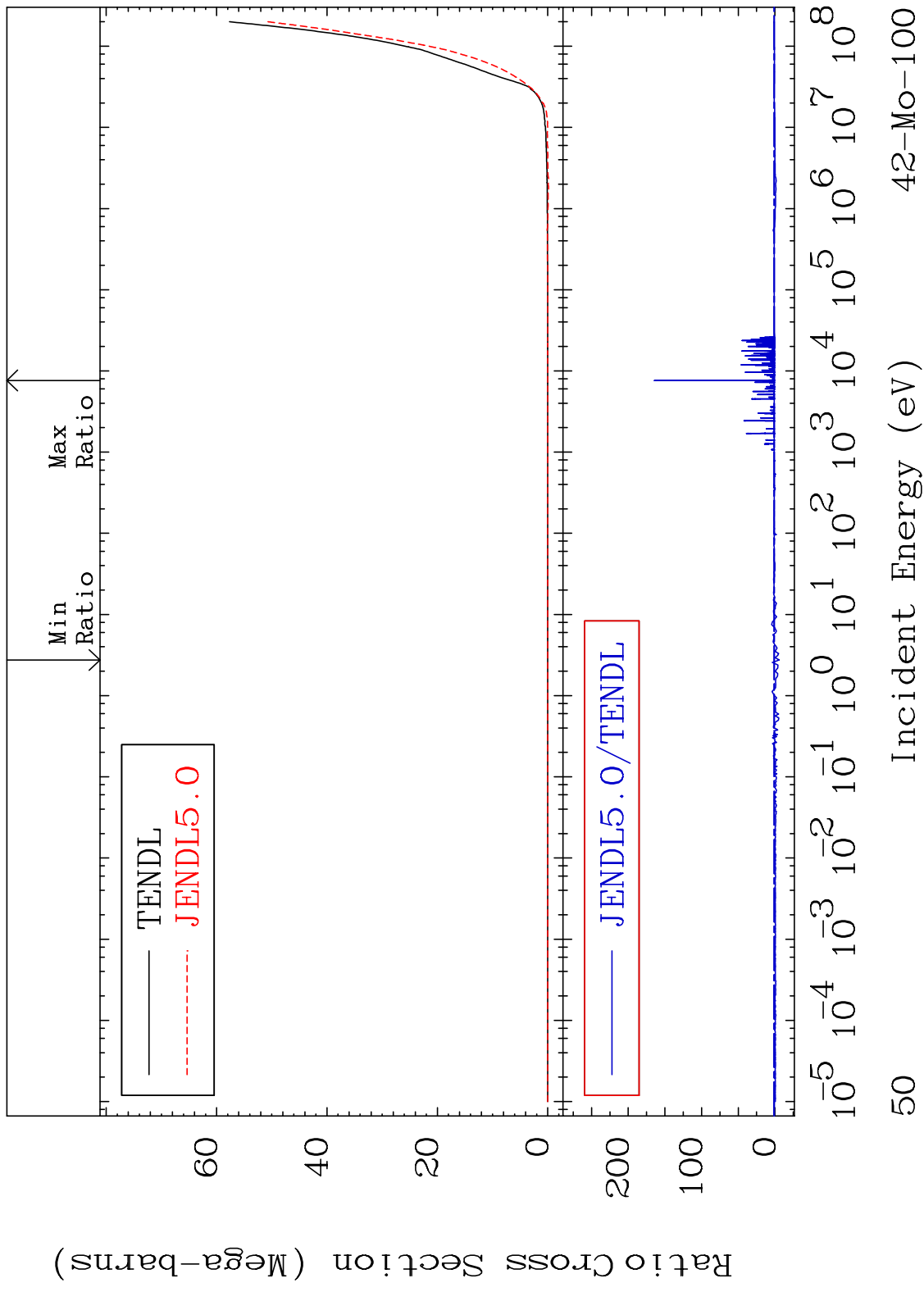


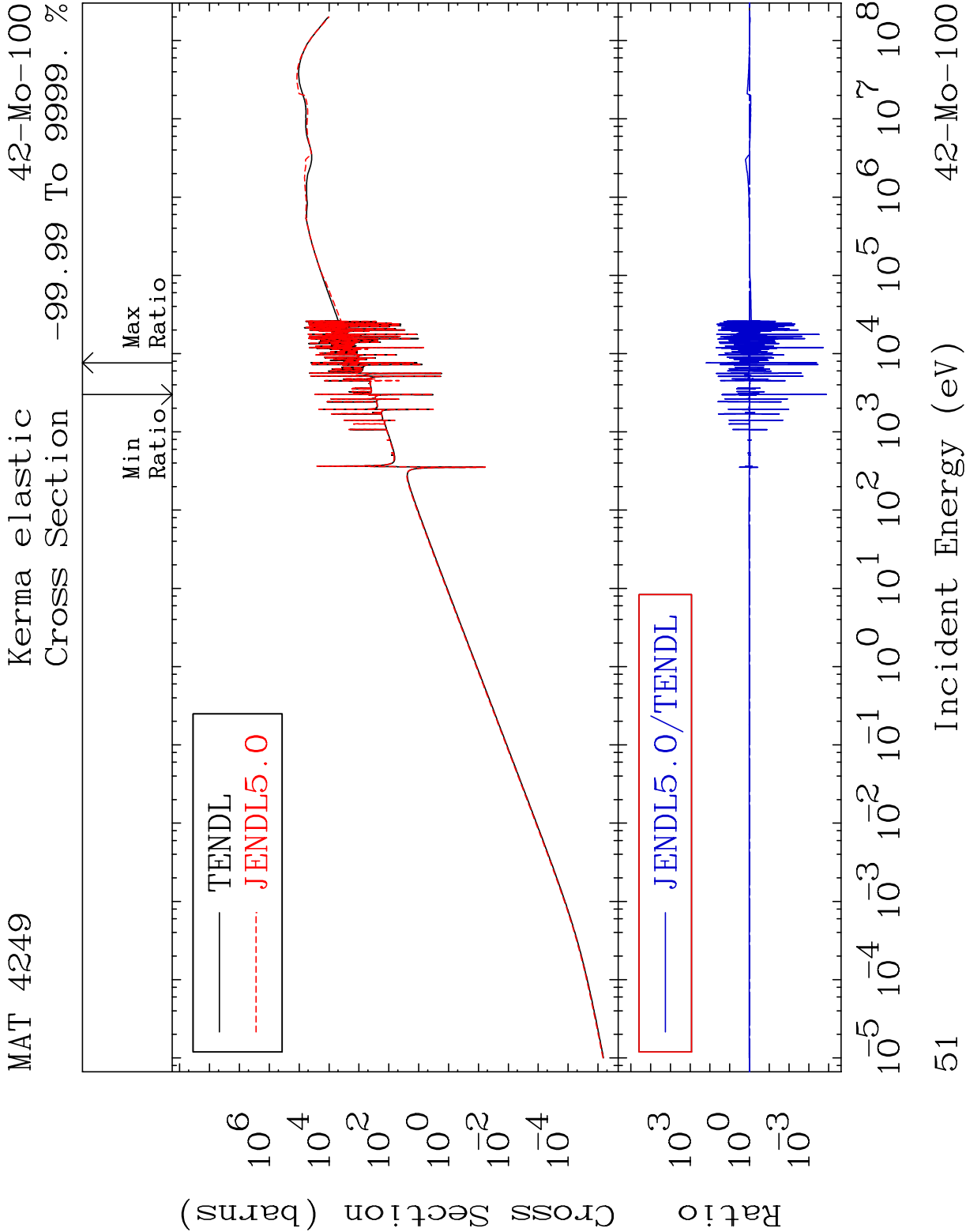
MAT 4249

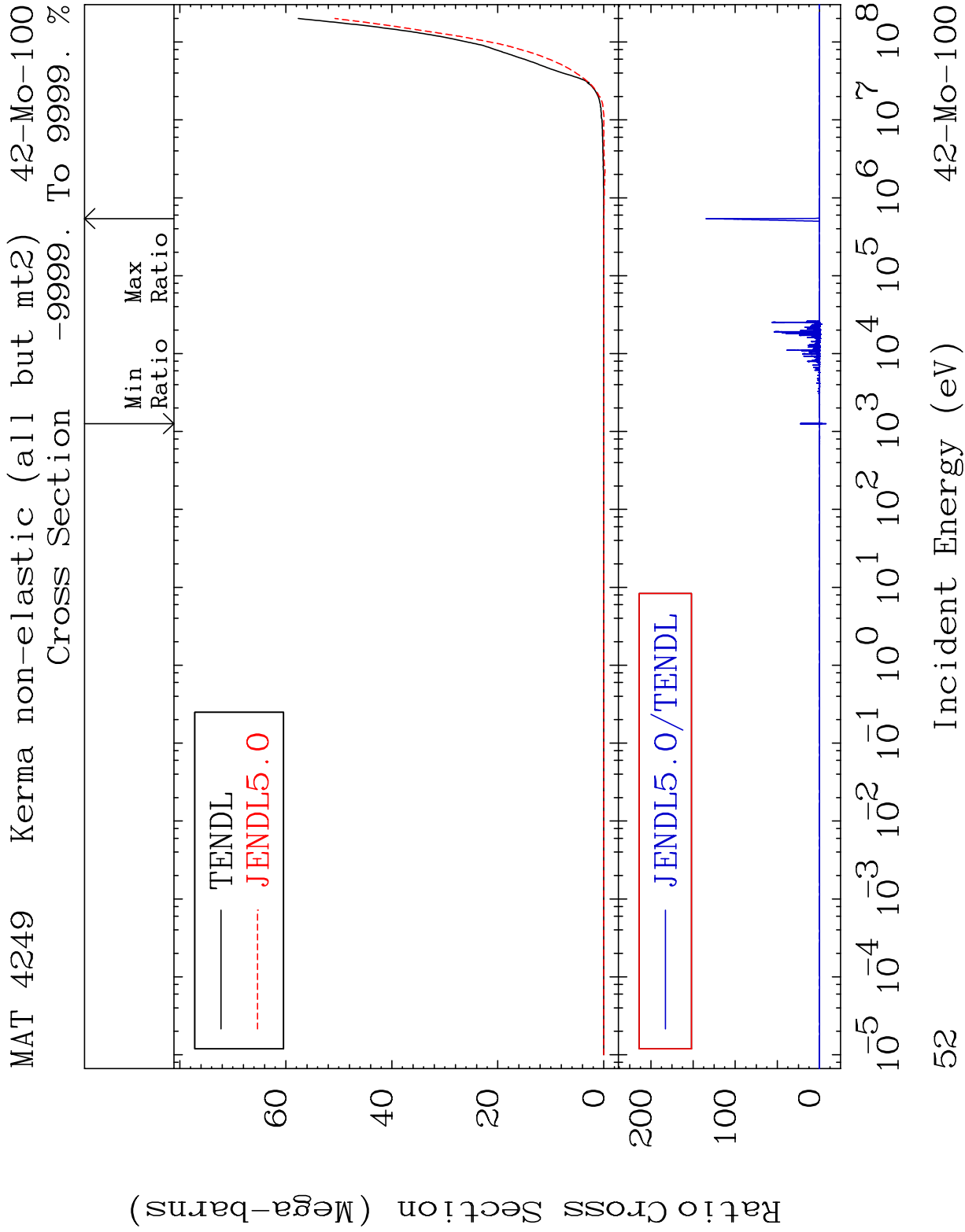
Kerma total (eV-barns)

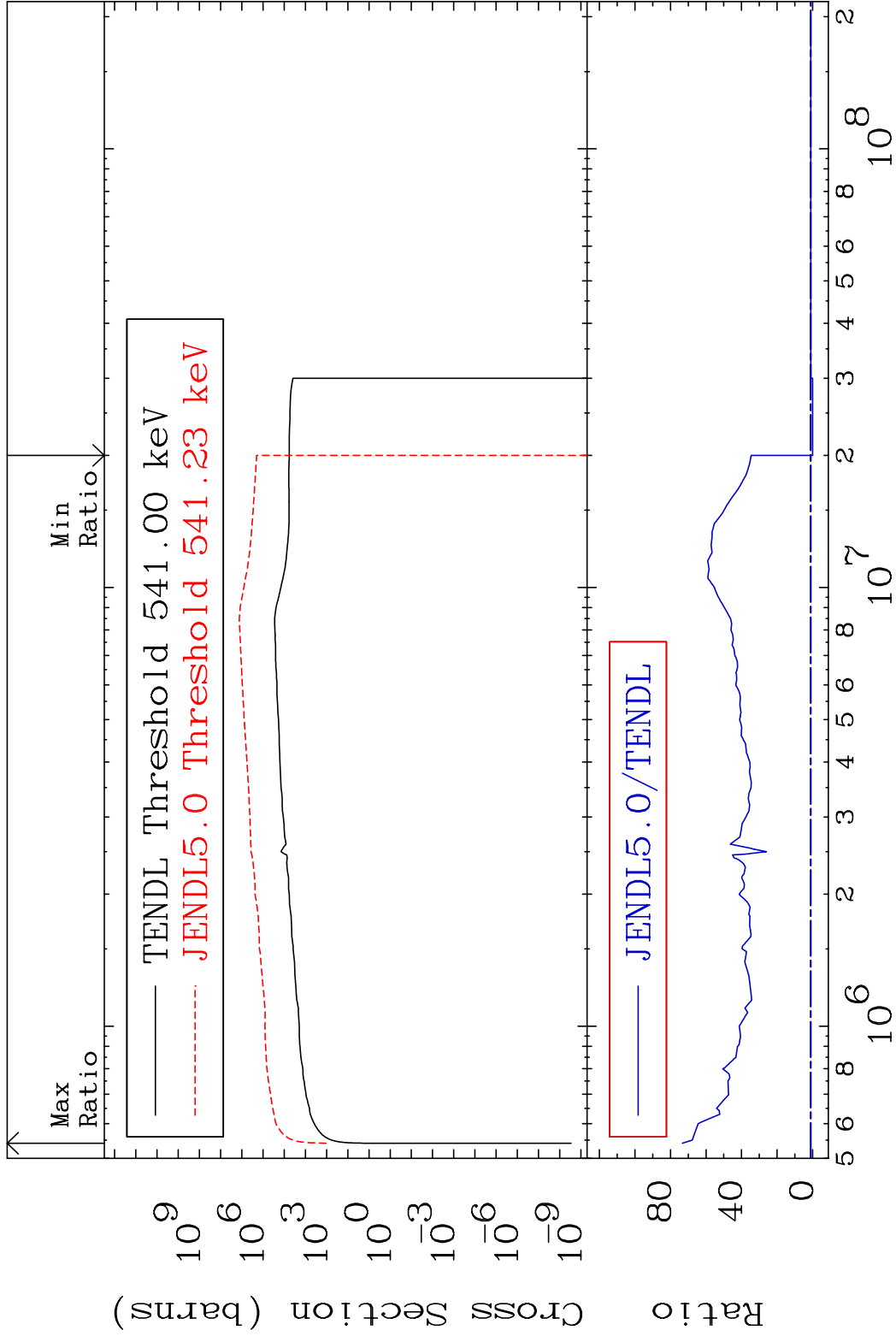
42-Mo-100

Cross Section -681.4 To 9999. %

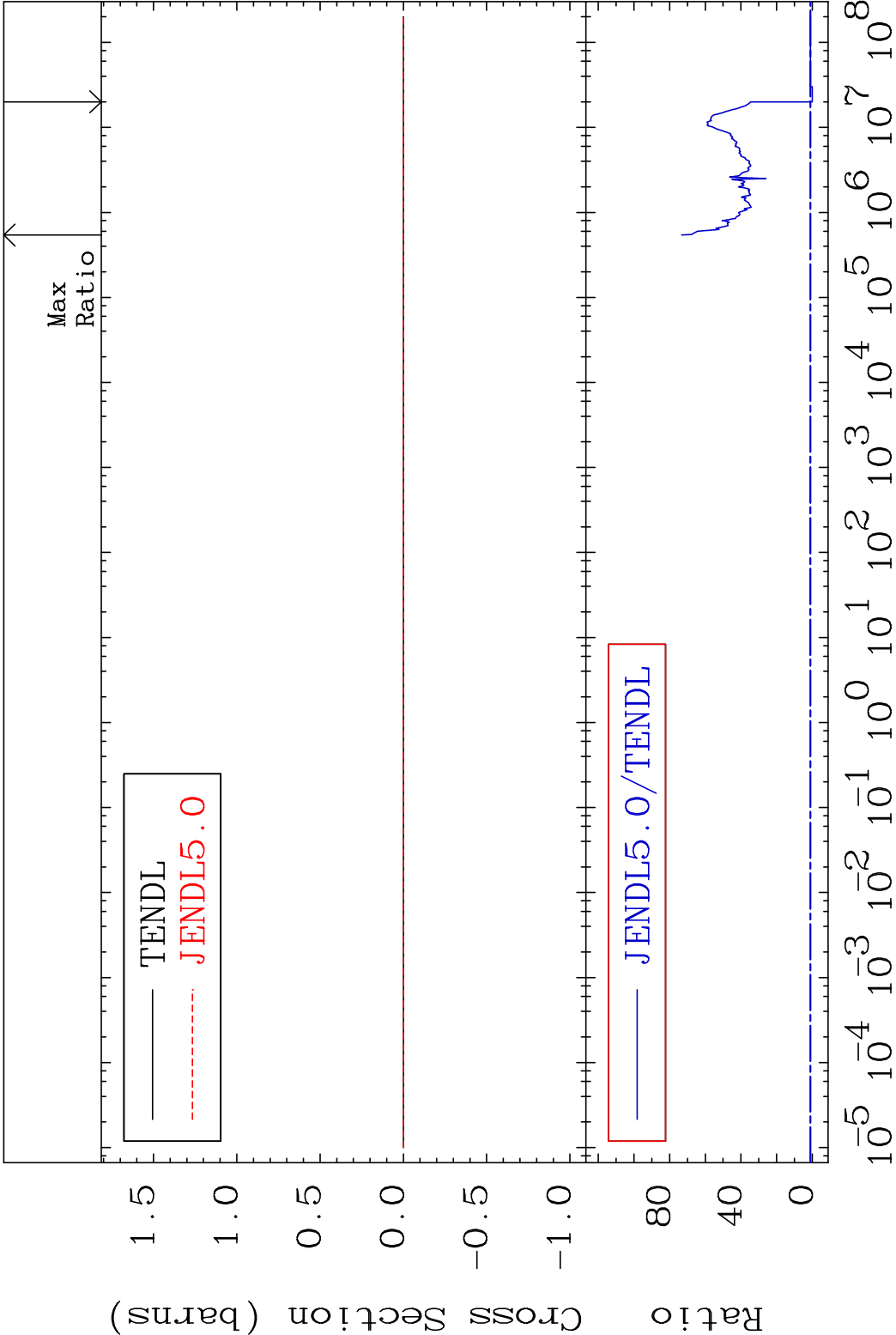


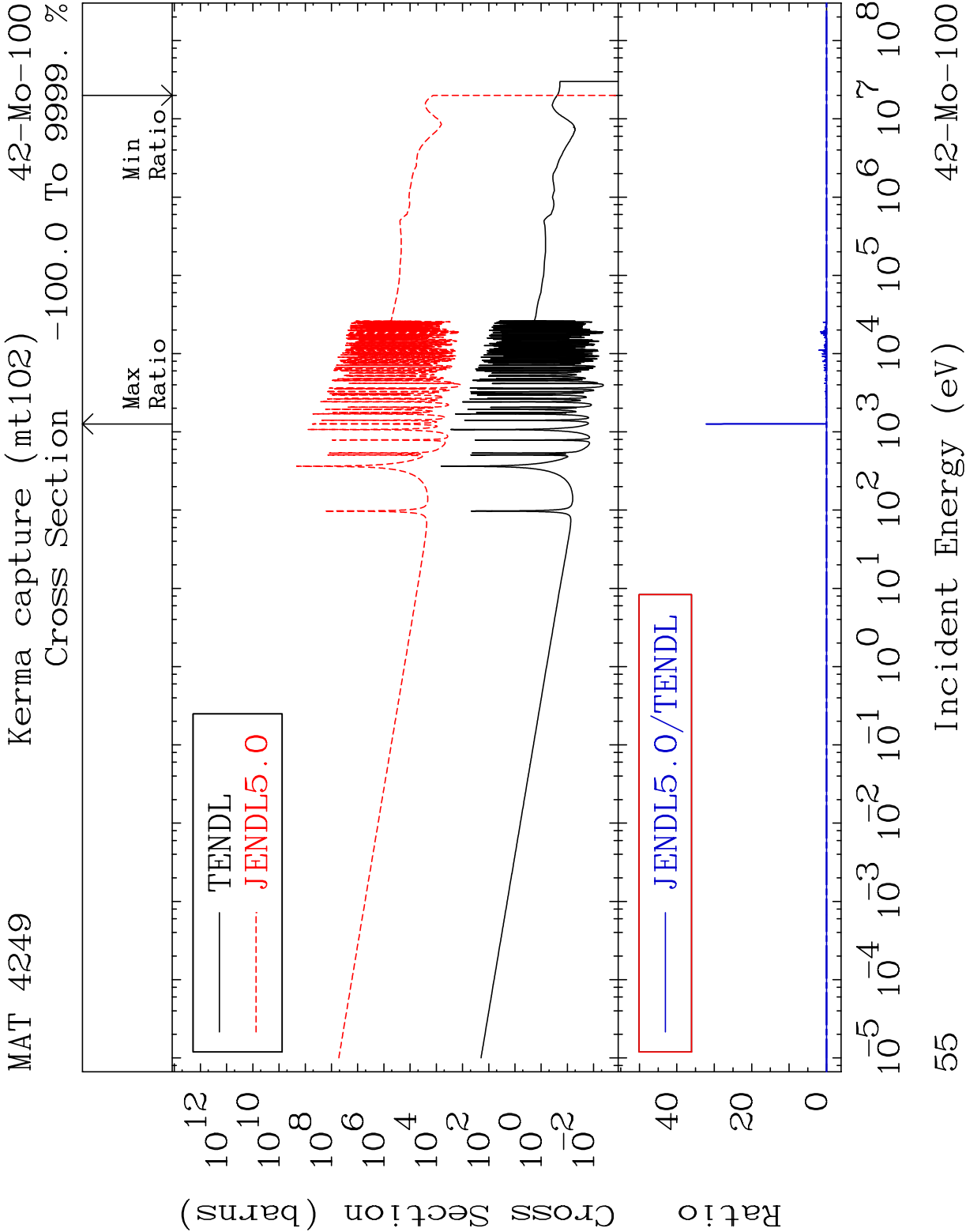






MAT 4249 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-100
Cross Section -100.0 To 7231. %



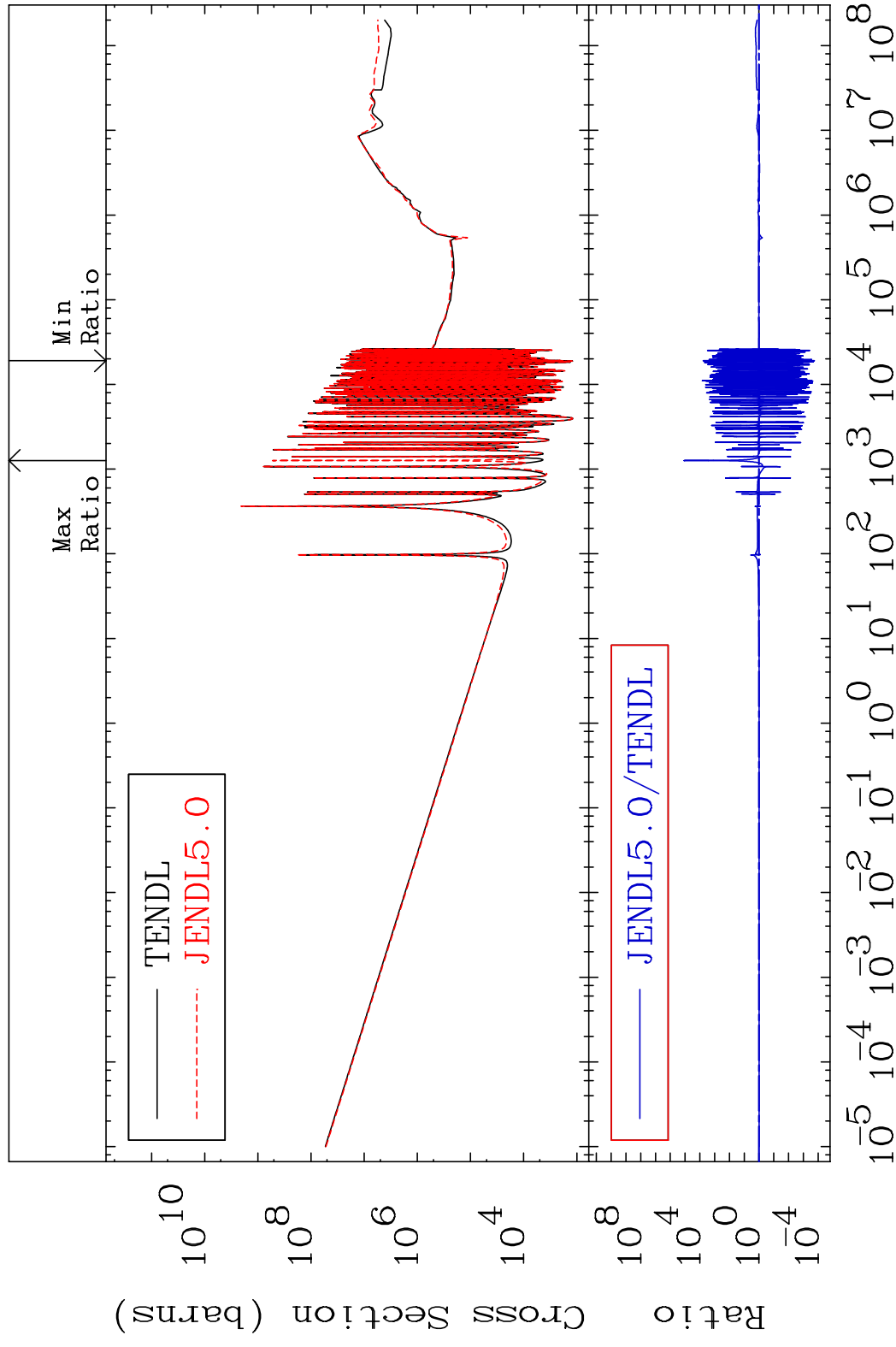


MAT 4249

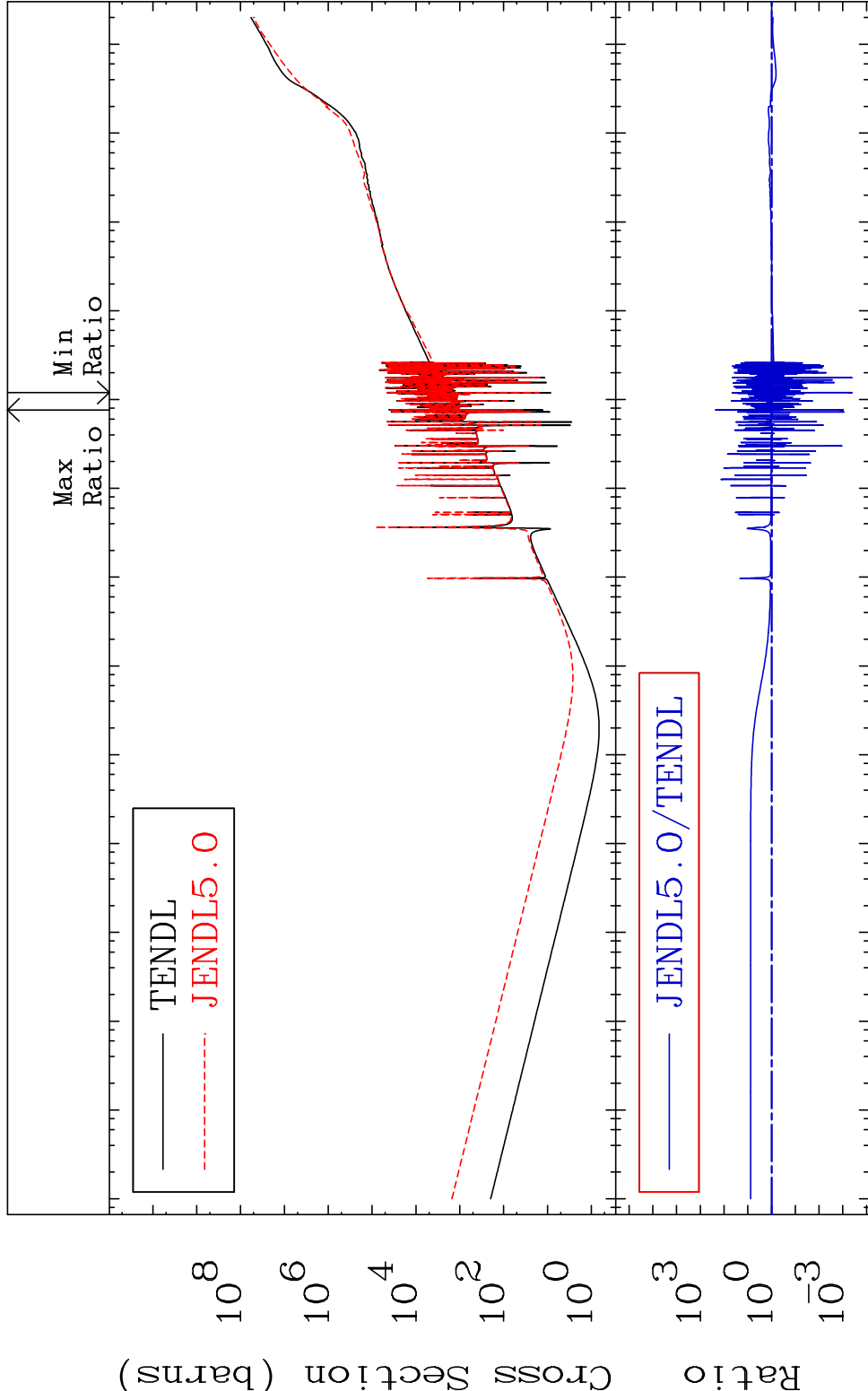
Total photon (eV-barns)

42-Mo-100

Cross Section -99.98 To 9999. %

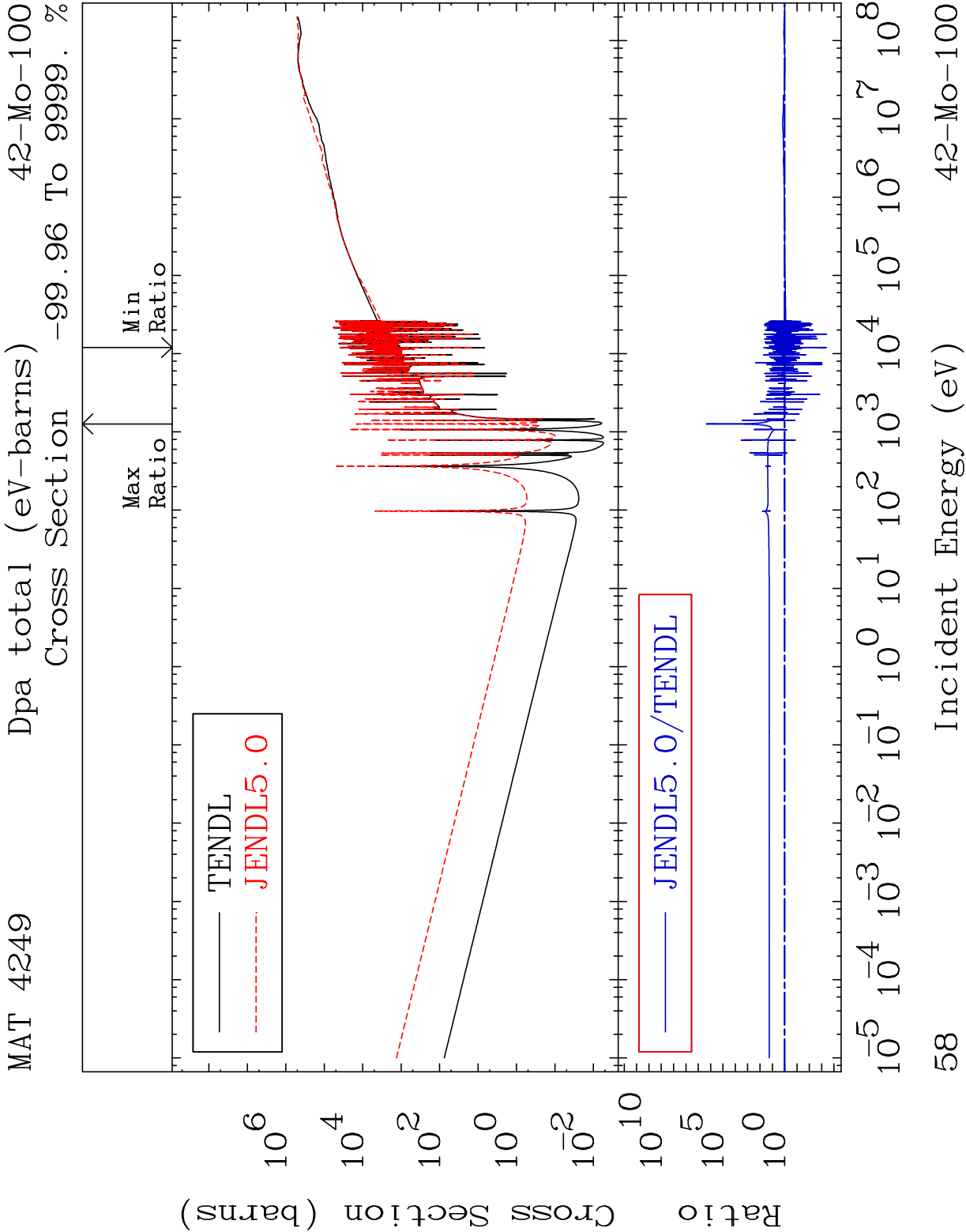


MAT 4249 Total kinematic kerma (high limit) 42-Mo-100
Cross Section -99.96 To 9999. %

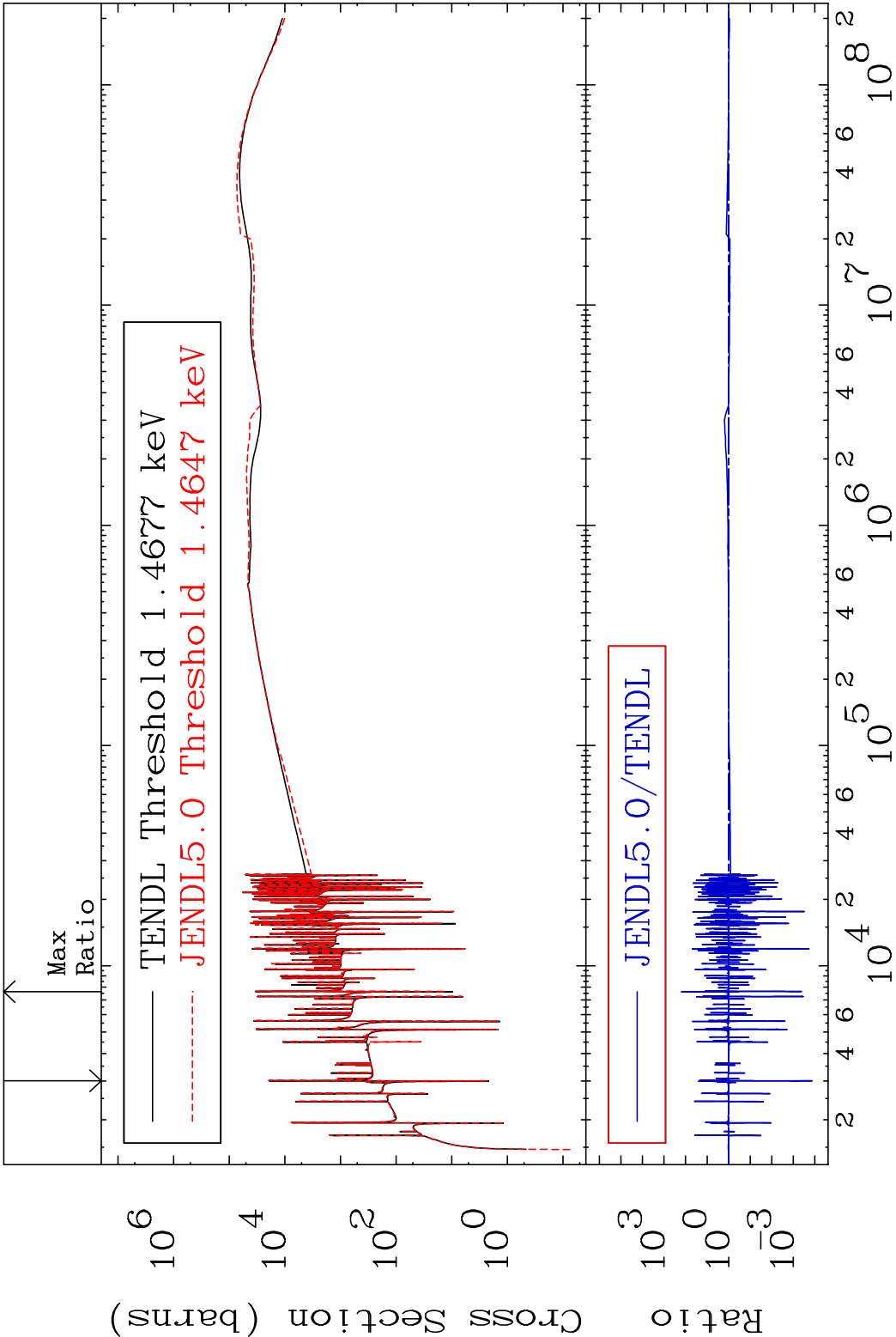


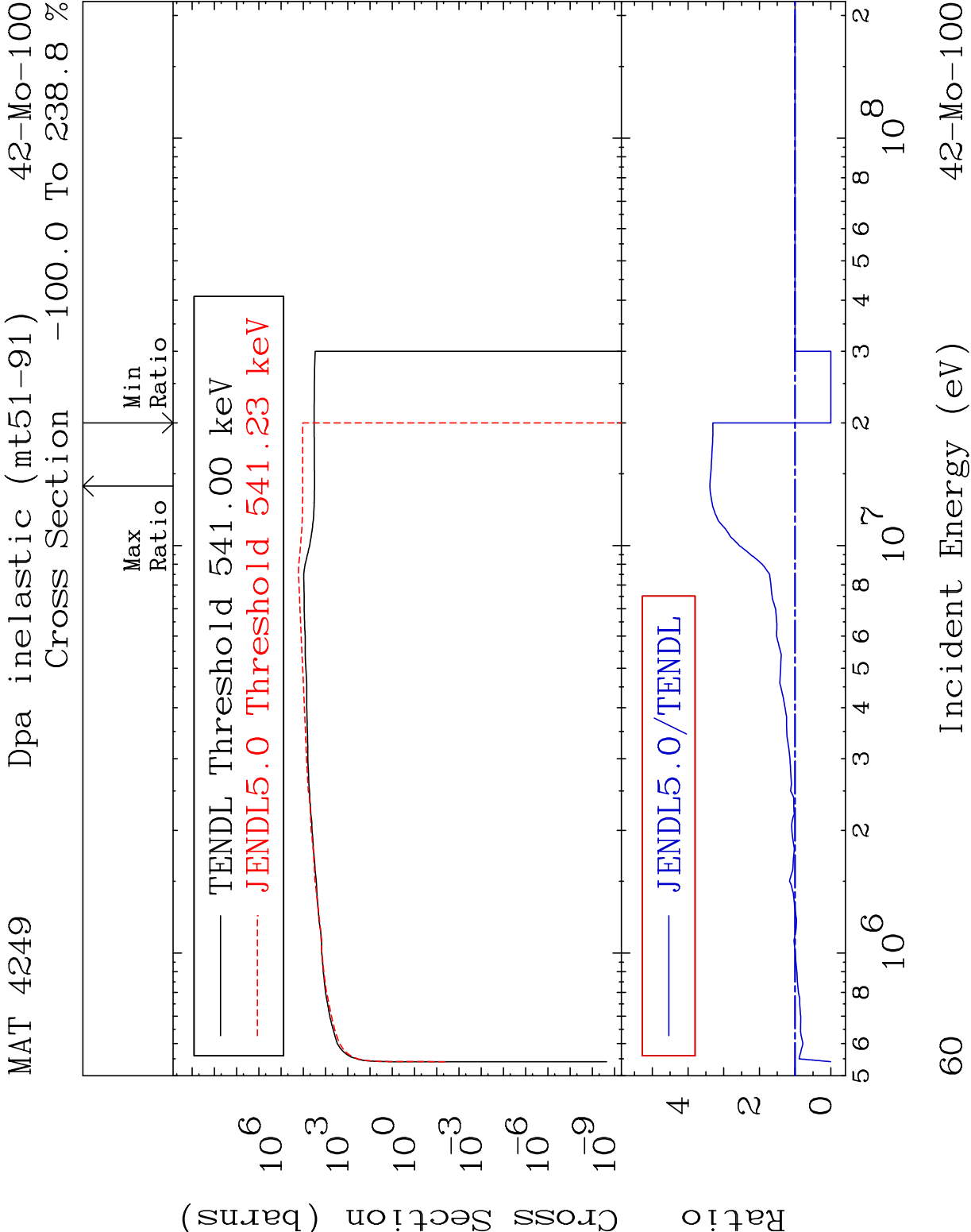
Ratio JENDL5.0/TENDL

57 Incident Energy (eV) 42-Mo-100

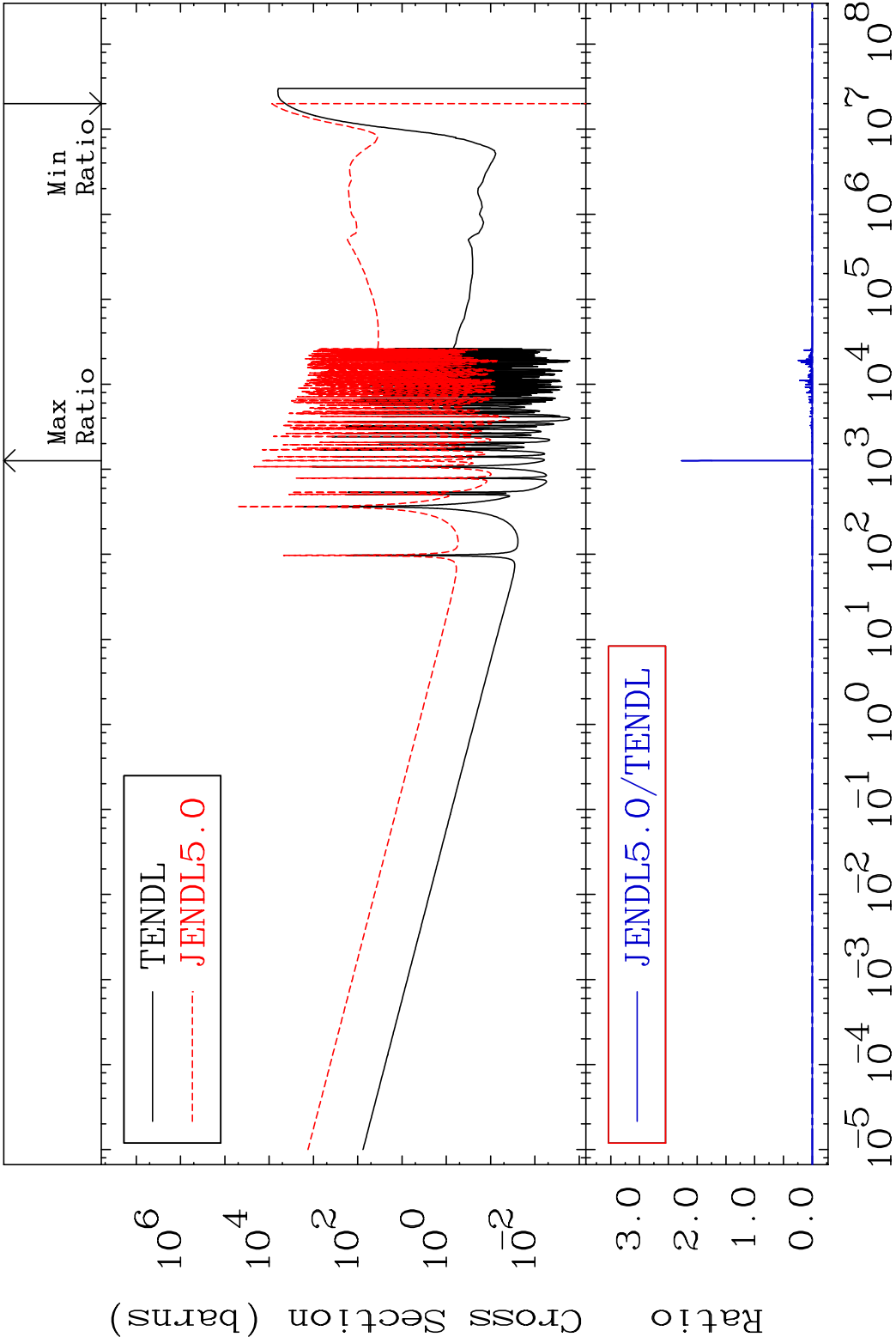


MAT 4249 Dpa elastic (mt2) 42-Mo-100
 Cross Section -99.99 To 9999. %





MAT 4249 Dpa disappearance (mt102 -120) 42-Mo-100
Cross Section -100.0 To 9999. %



61 Incident Energy (eV) 42-Mo-100