

Program Complot
(Version 2021-1)

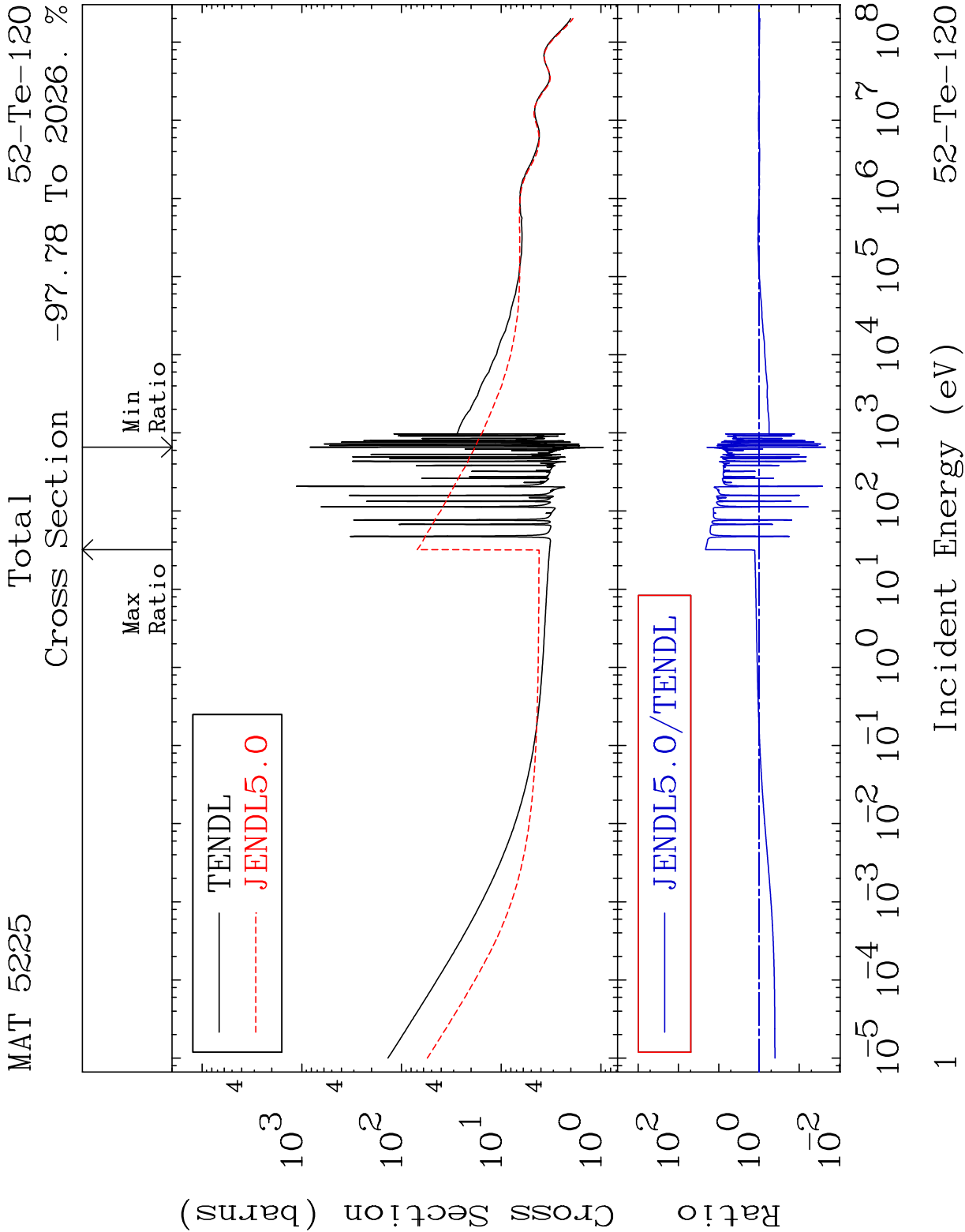
by

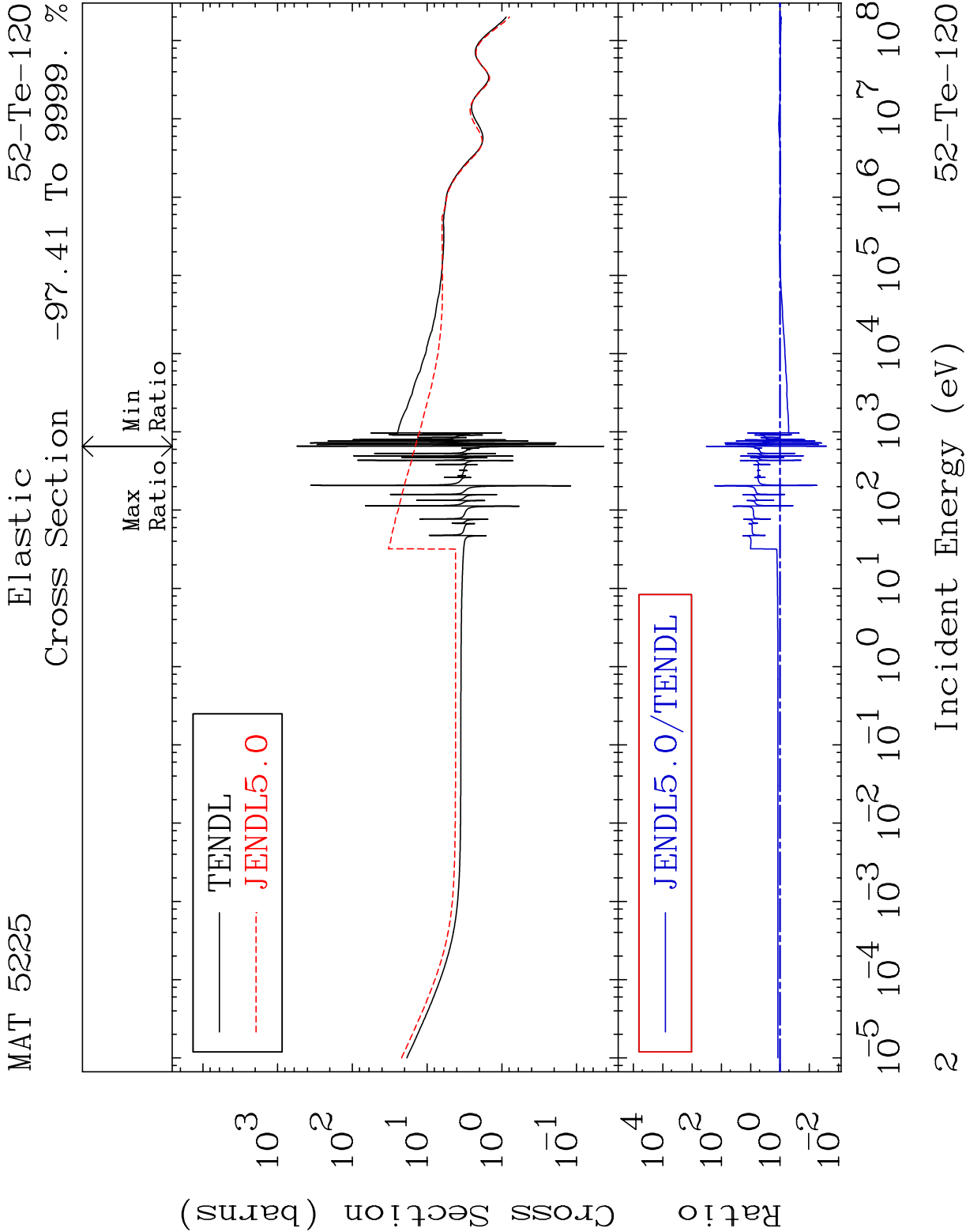
Dermott E. Cullen
(Present Contact Information)

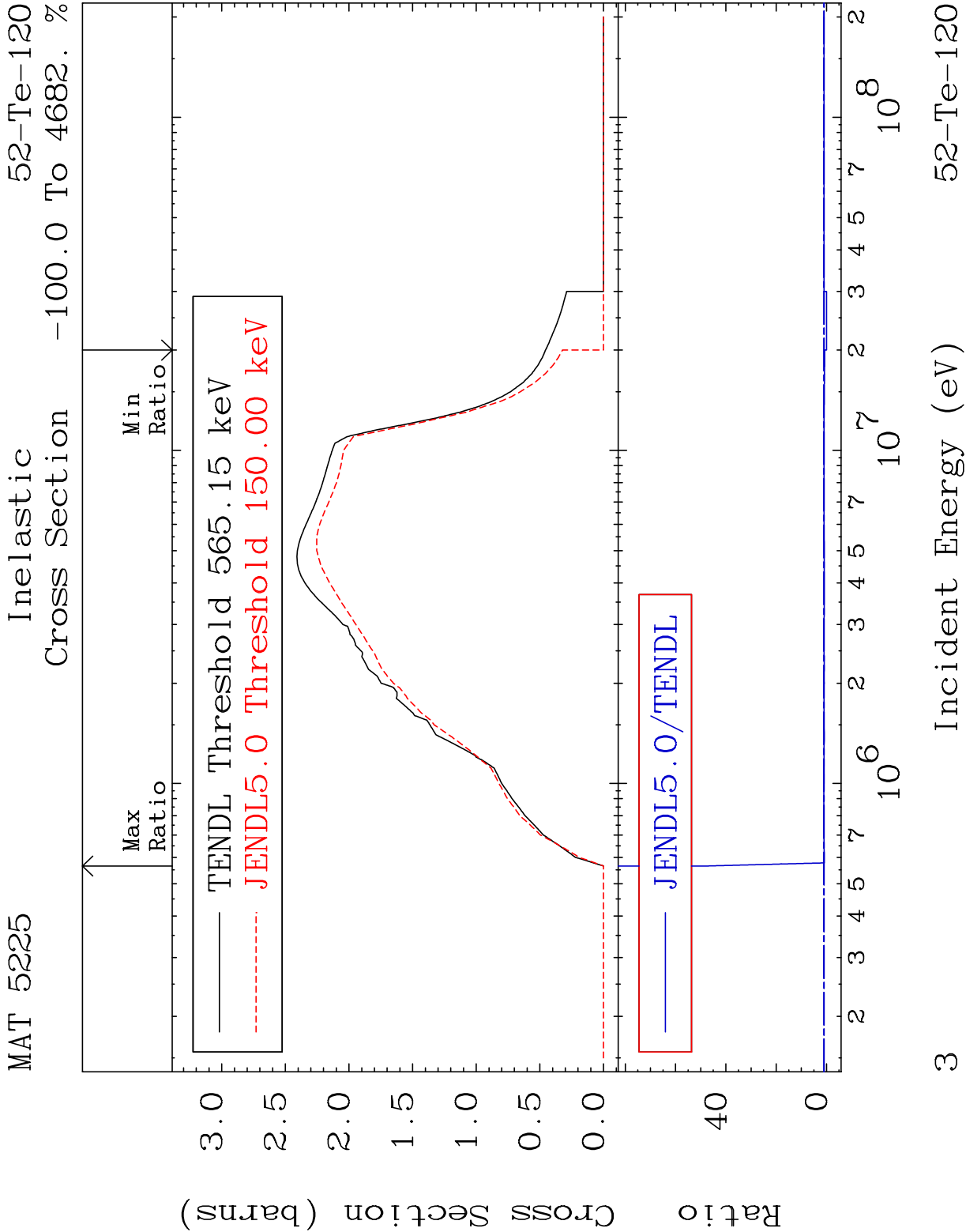
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

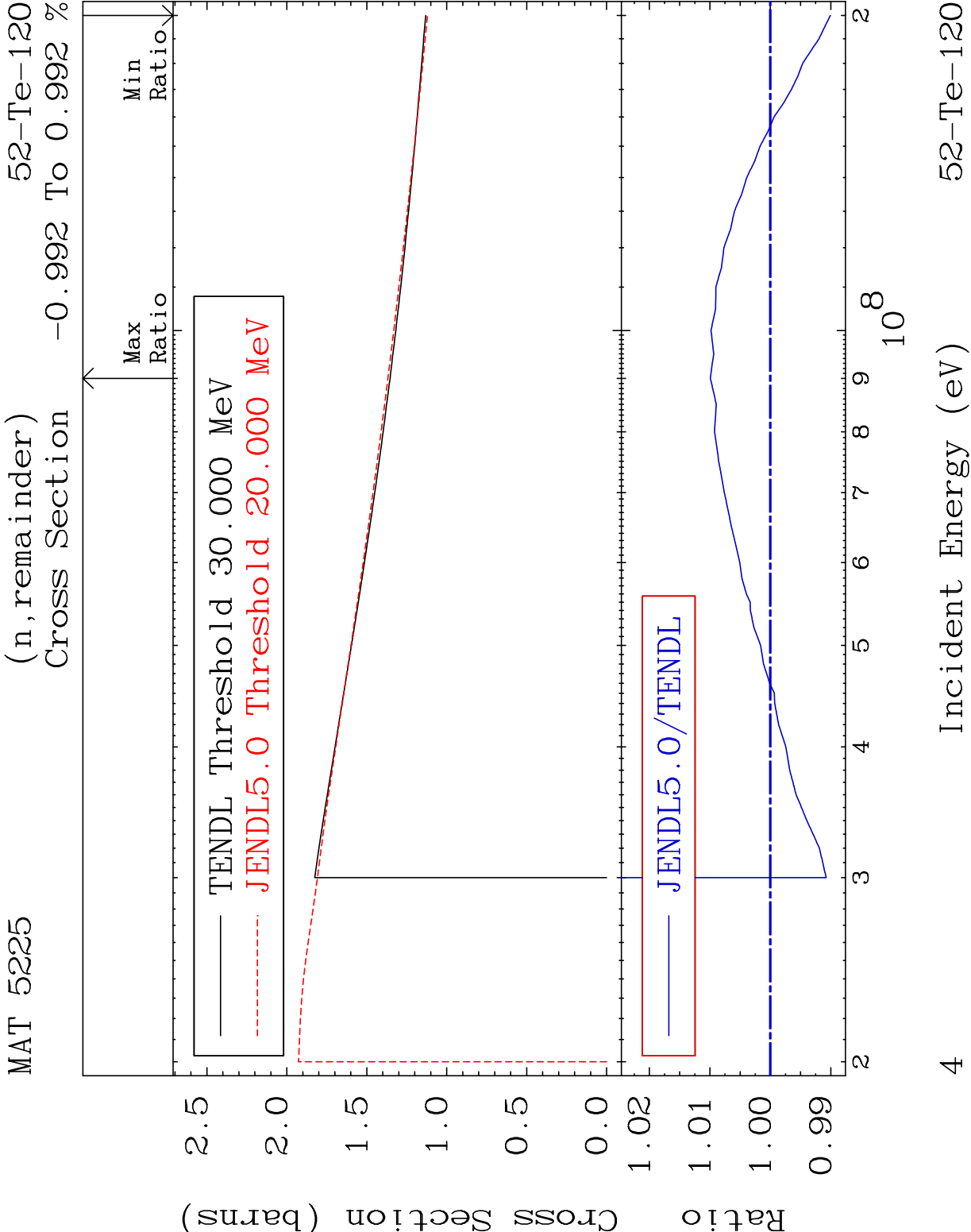
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







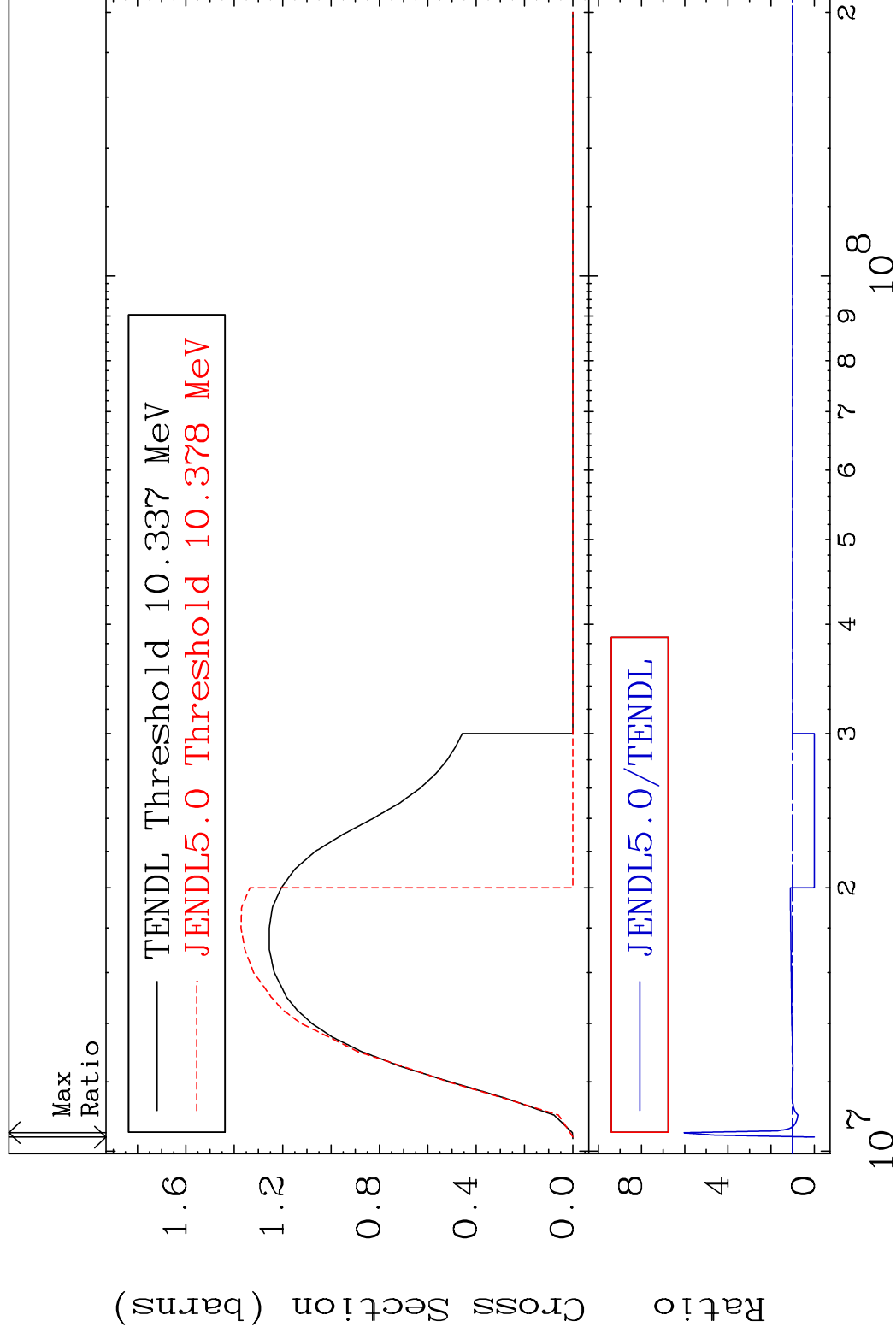


MAT 5225

$$(n, 2n)$$

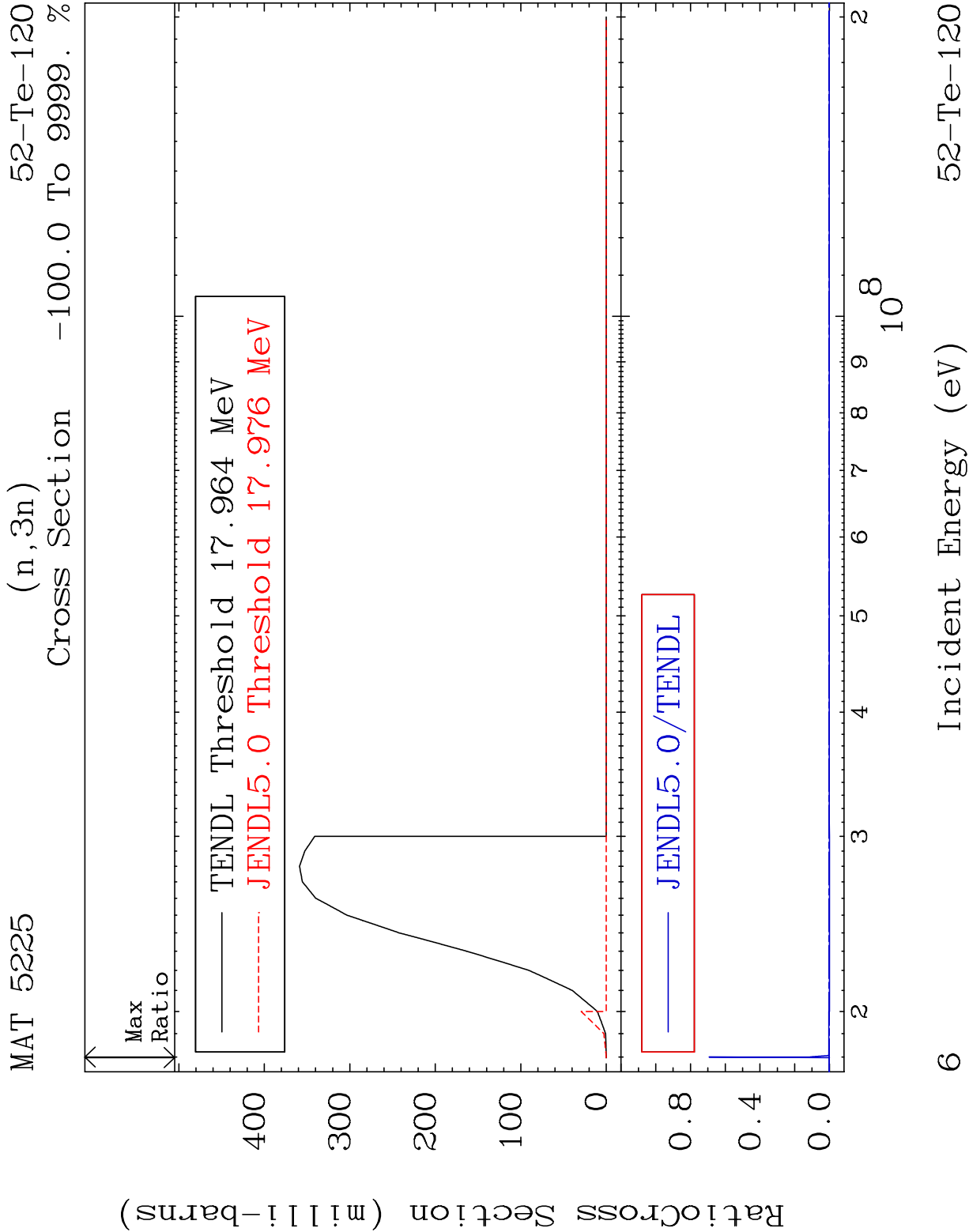
52-Te-120

Cross Section



Incident Energy (eV)

52-Te-120

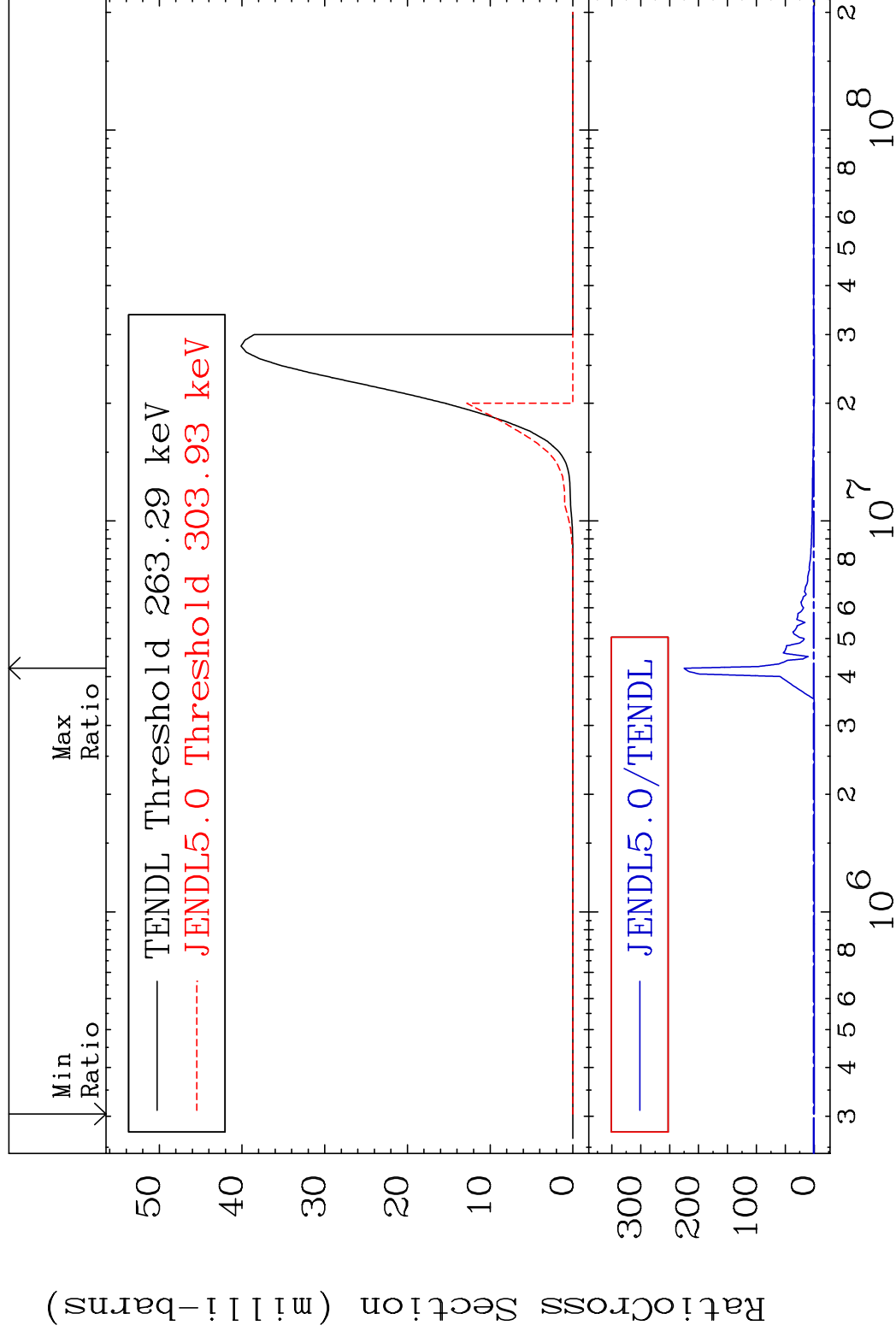


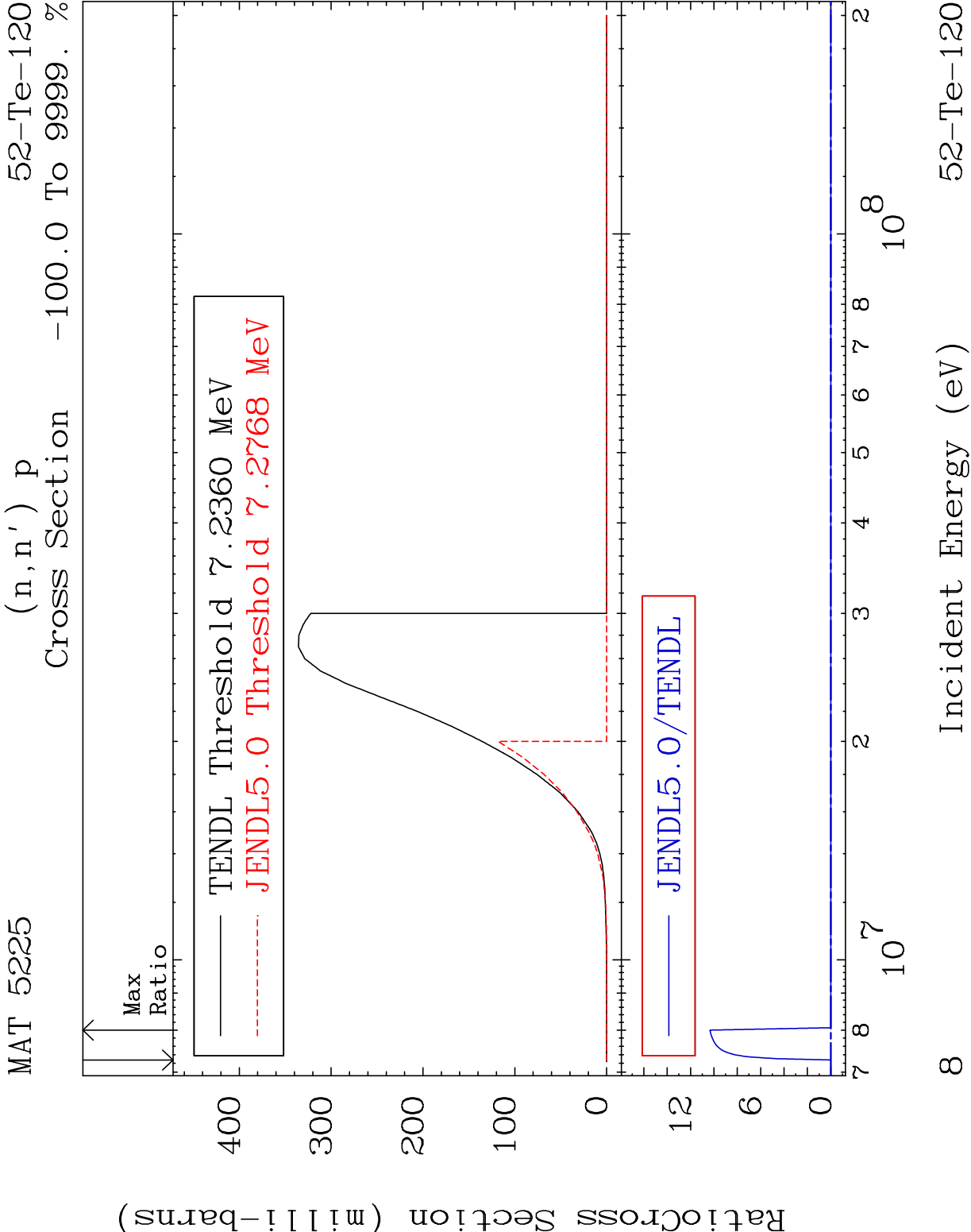
MAT 5225

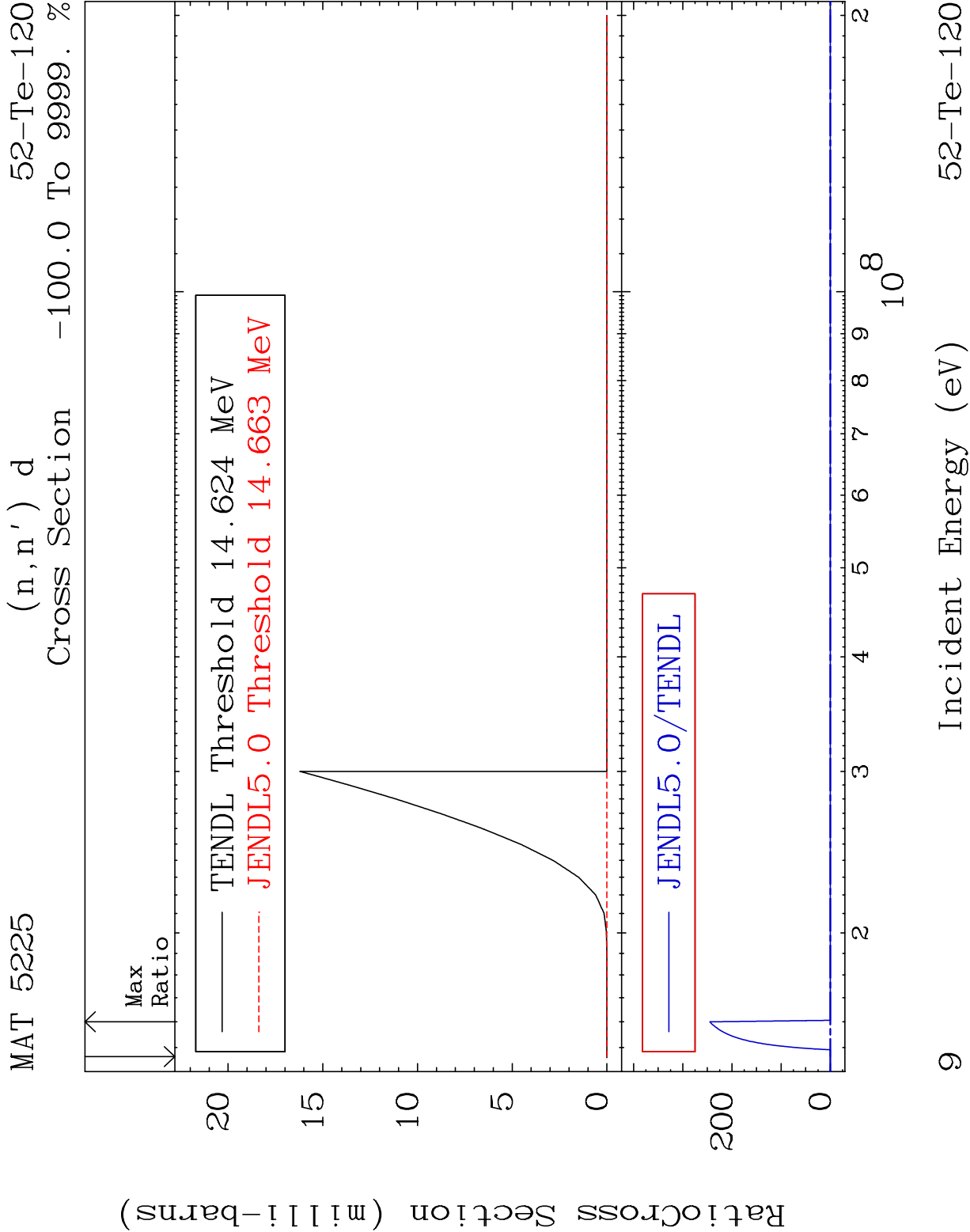
$$(n, n') \propto$$

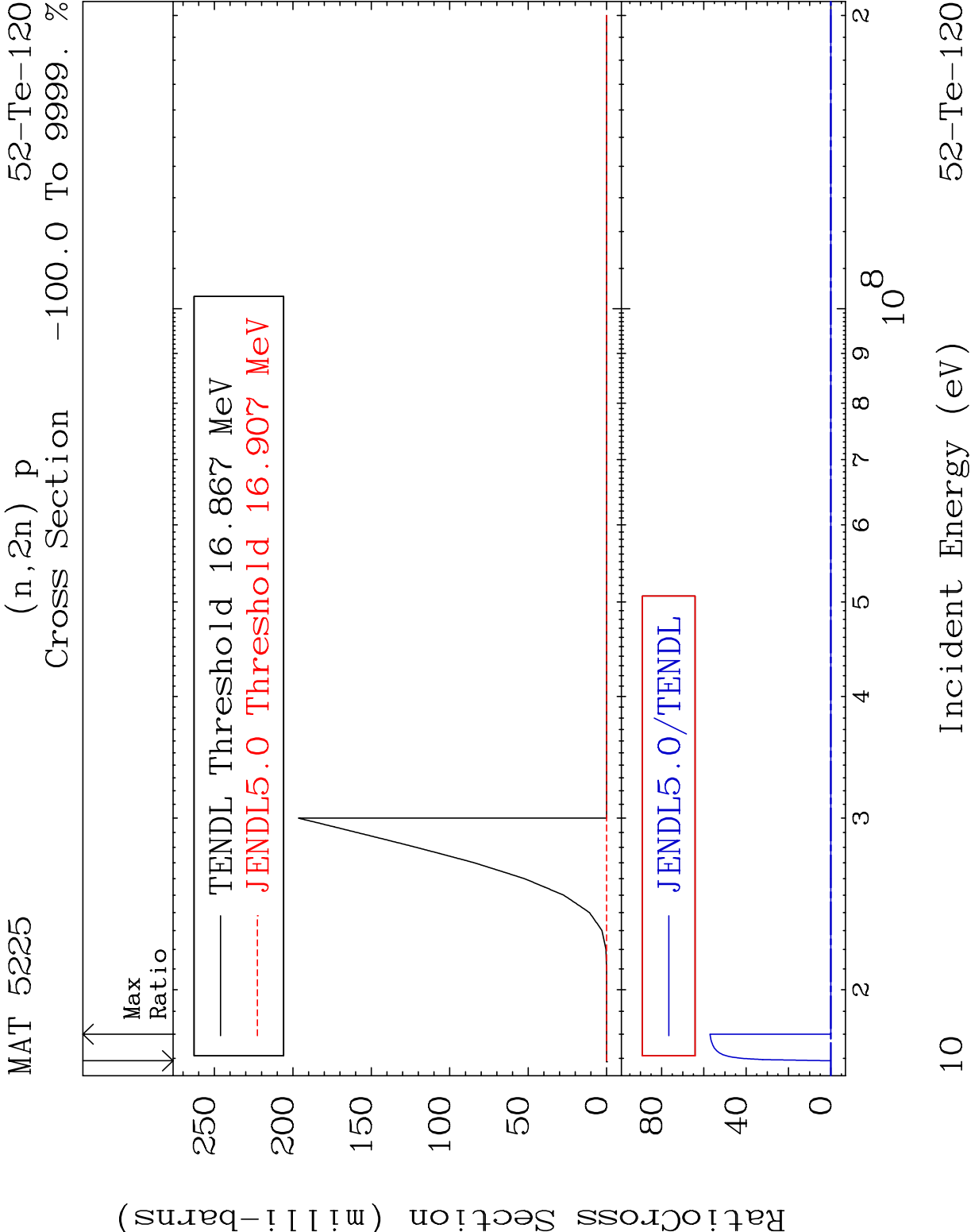
52-Te-120

Cross Section -100.0 To 9999. %

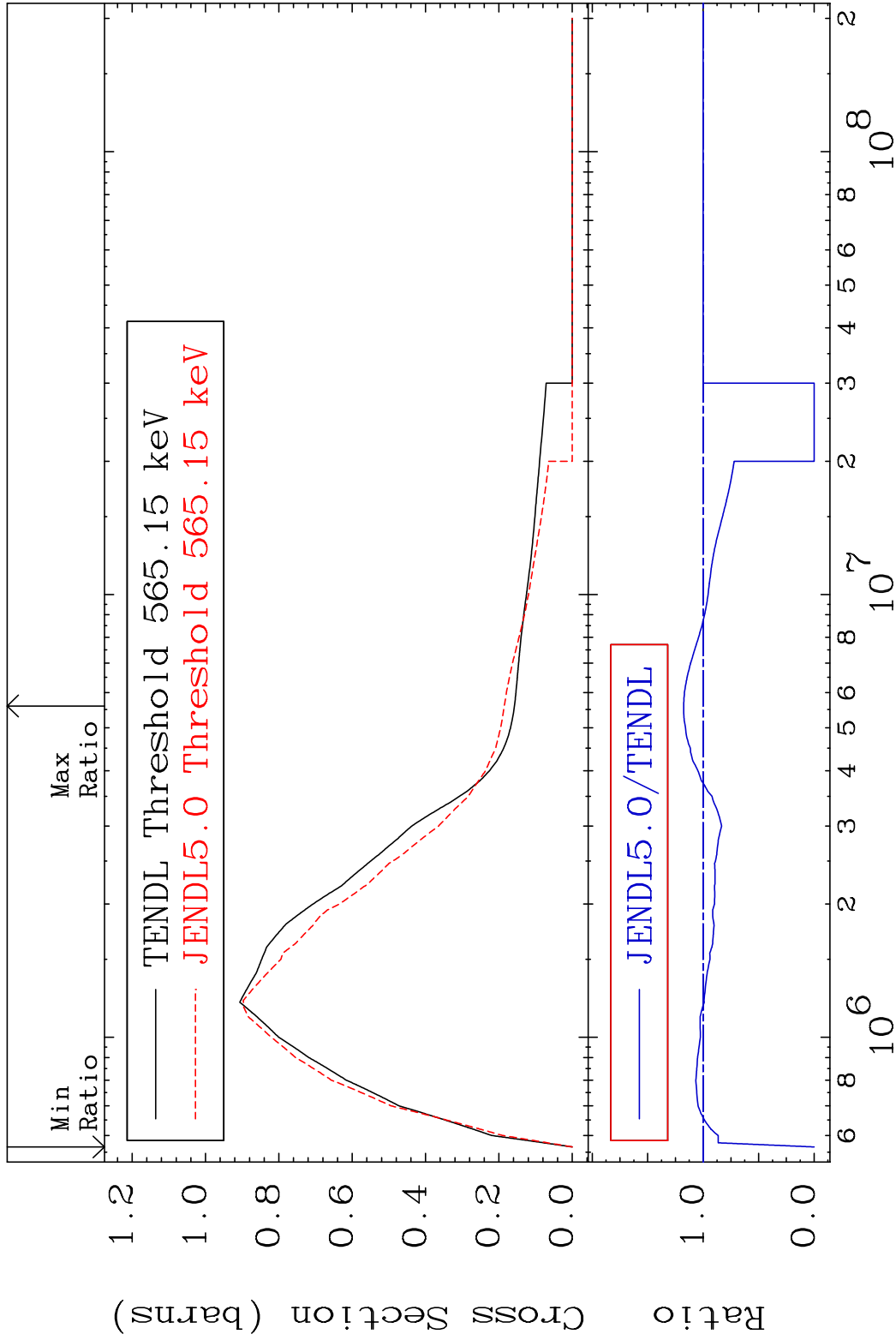


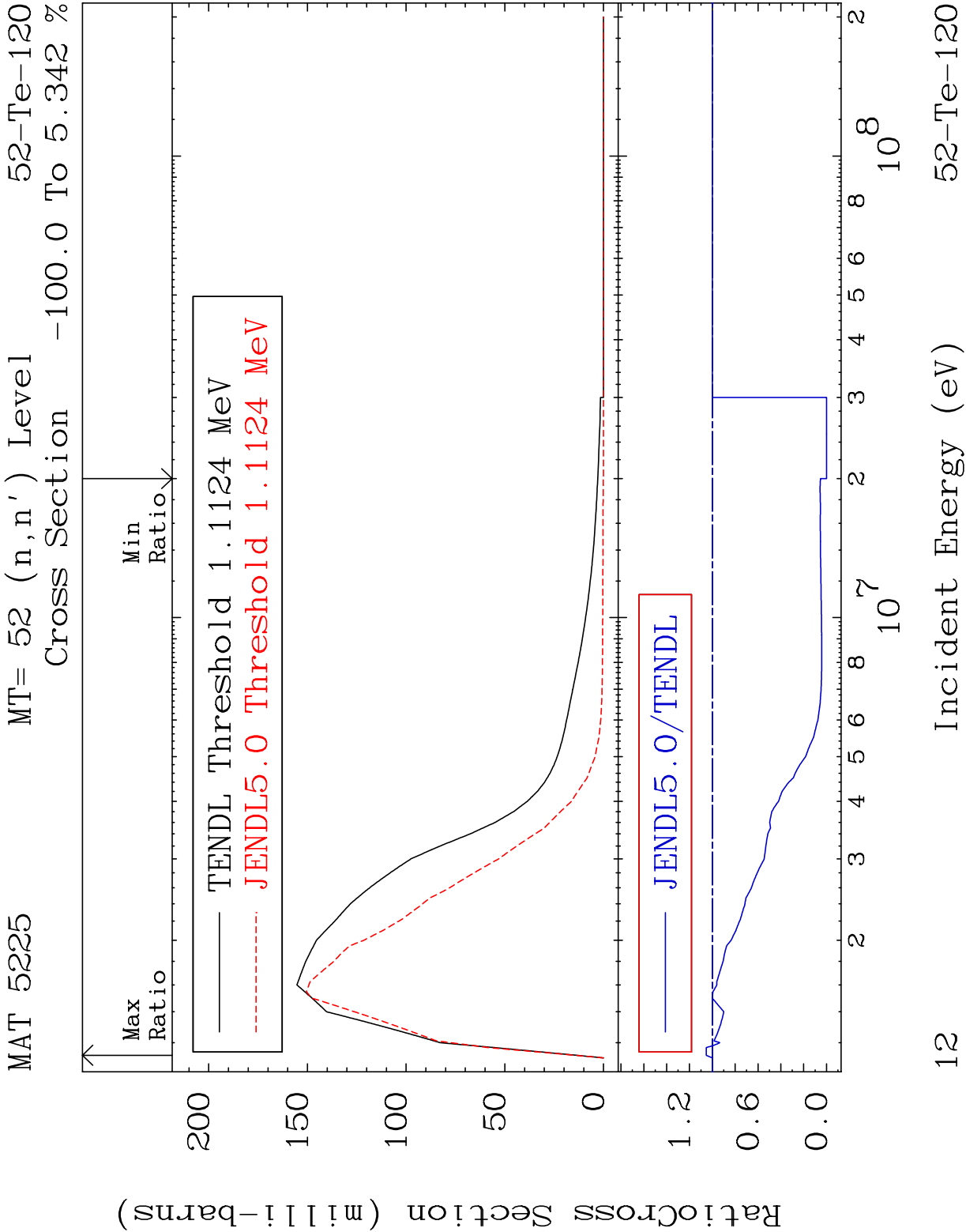


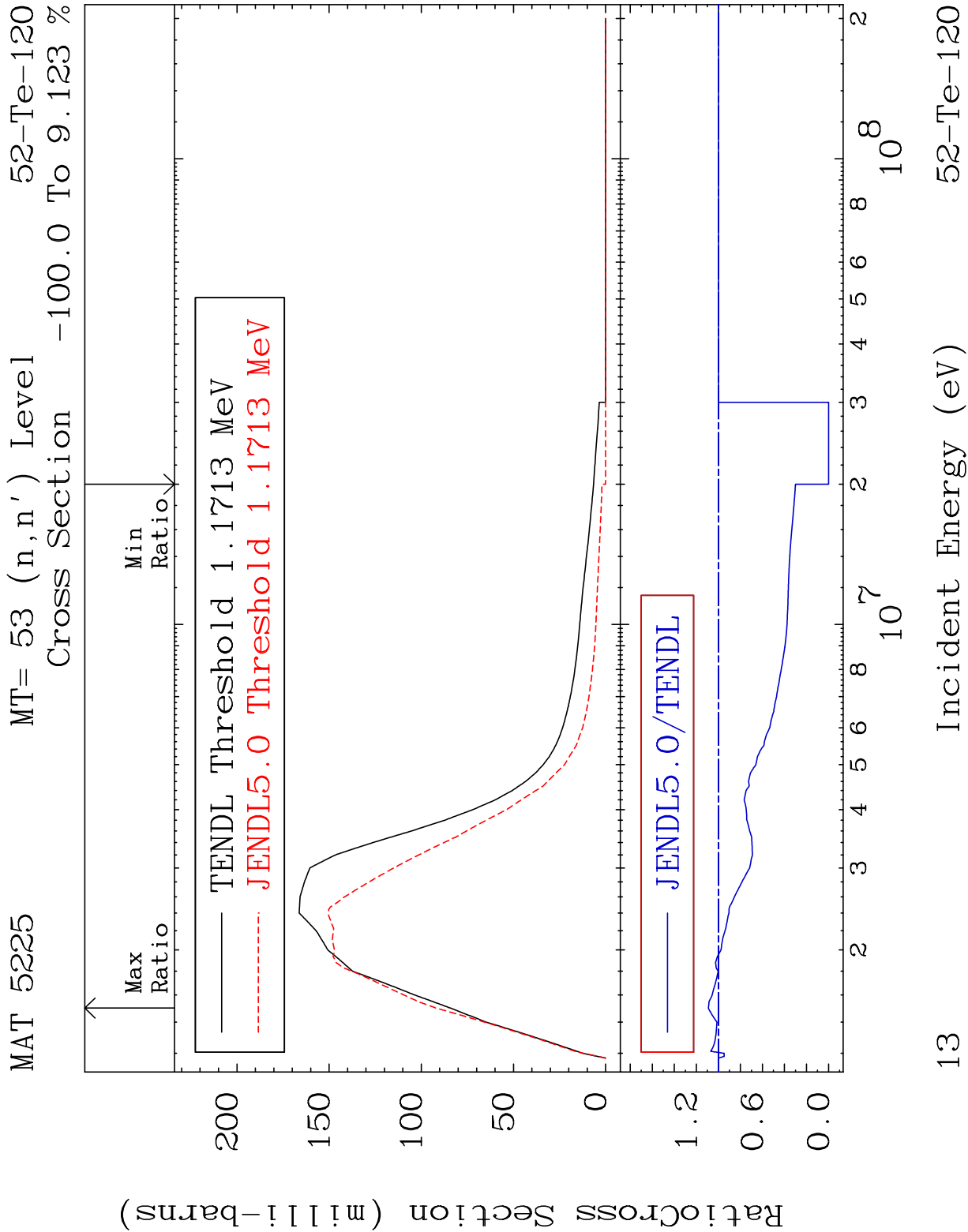




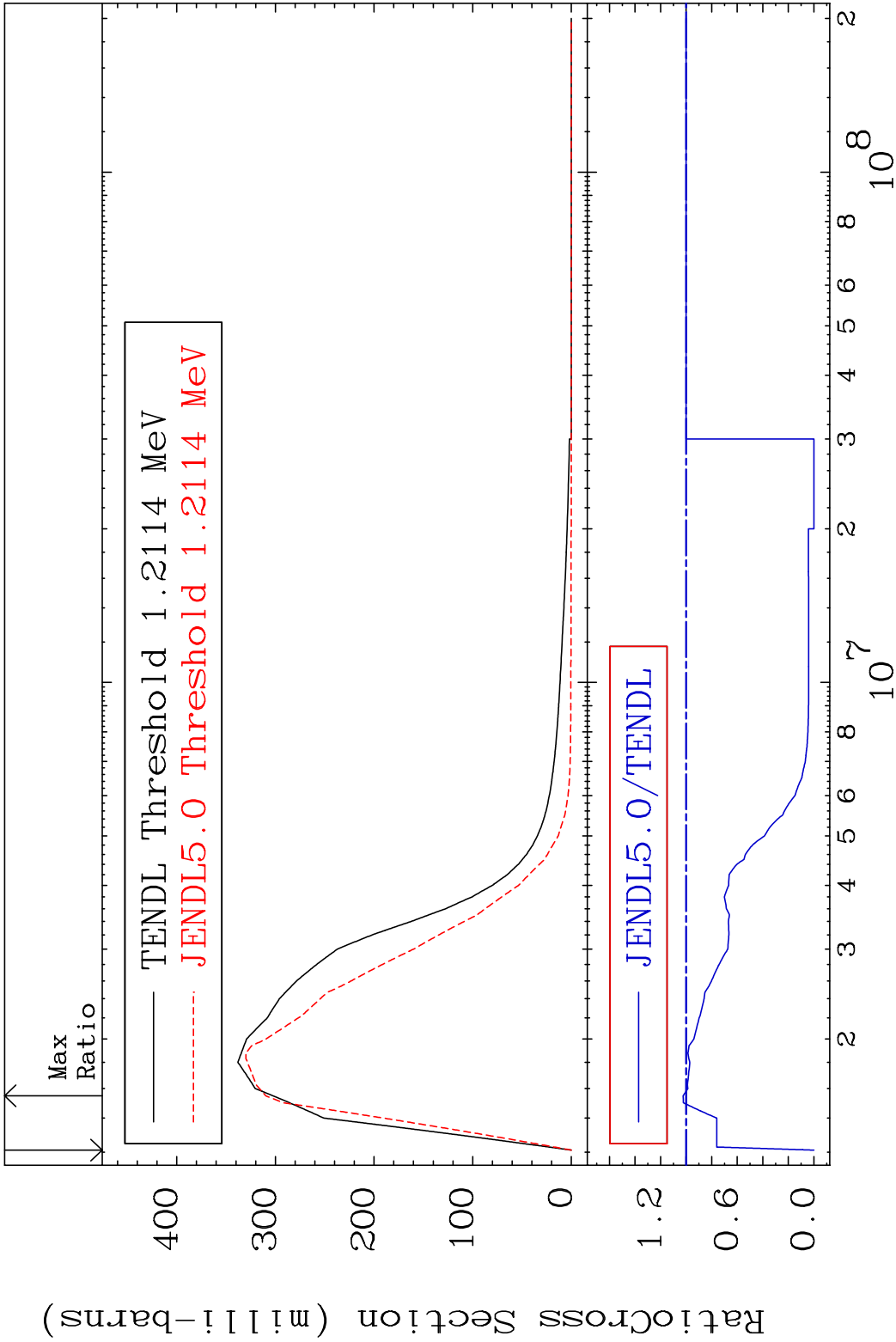
MAT 5225 MT= 51 (n,n') Level 52-Te-120
 Cross Section -100.0 To 17.57 %

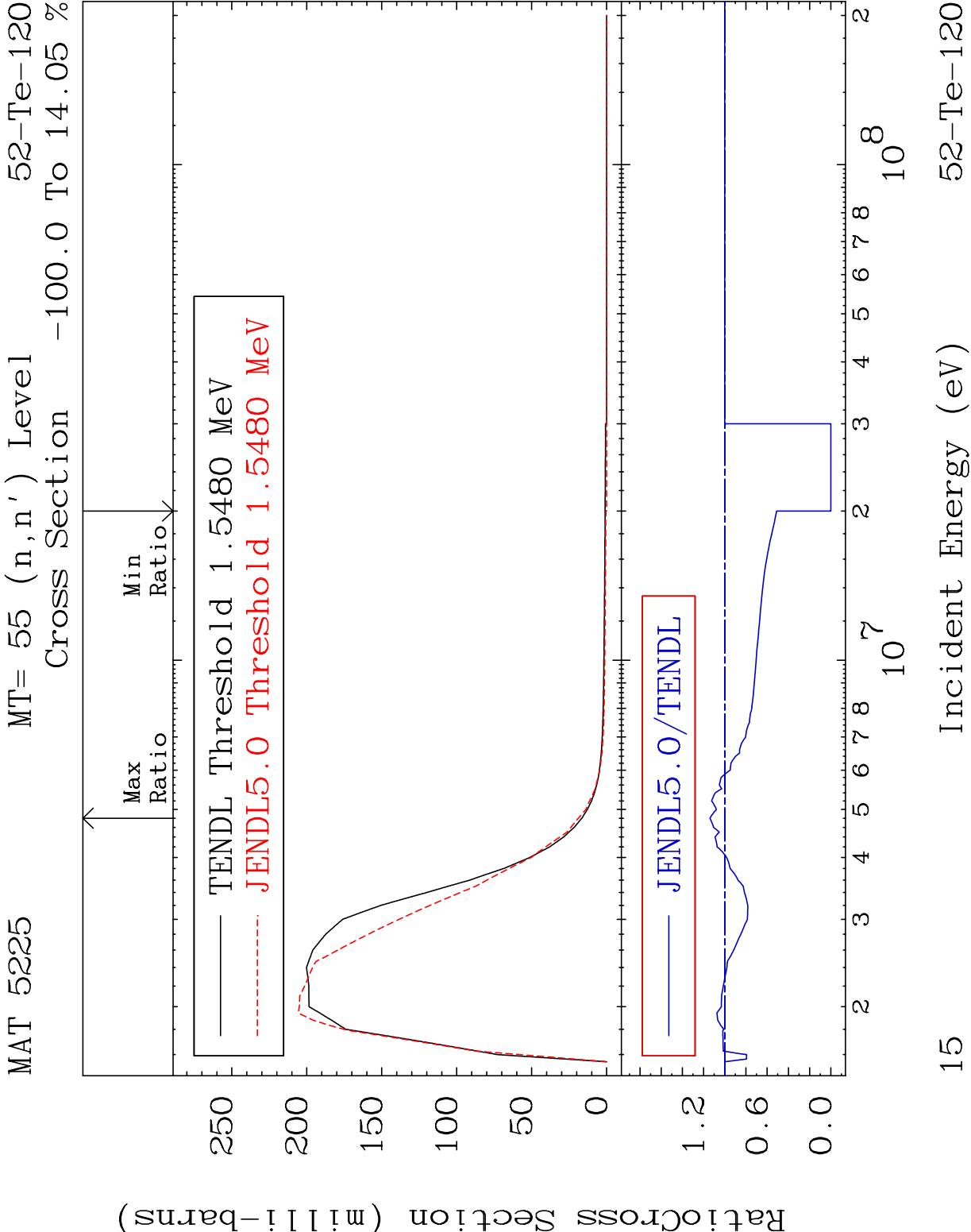




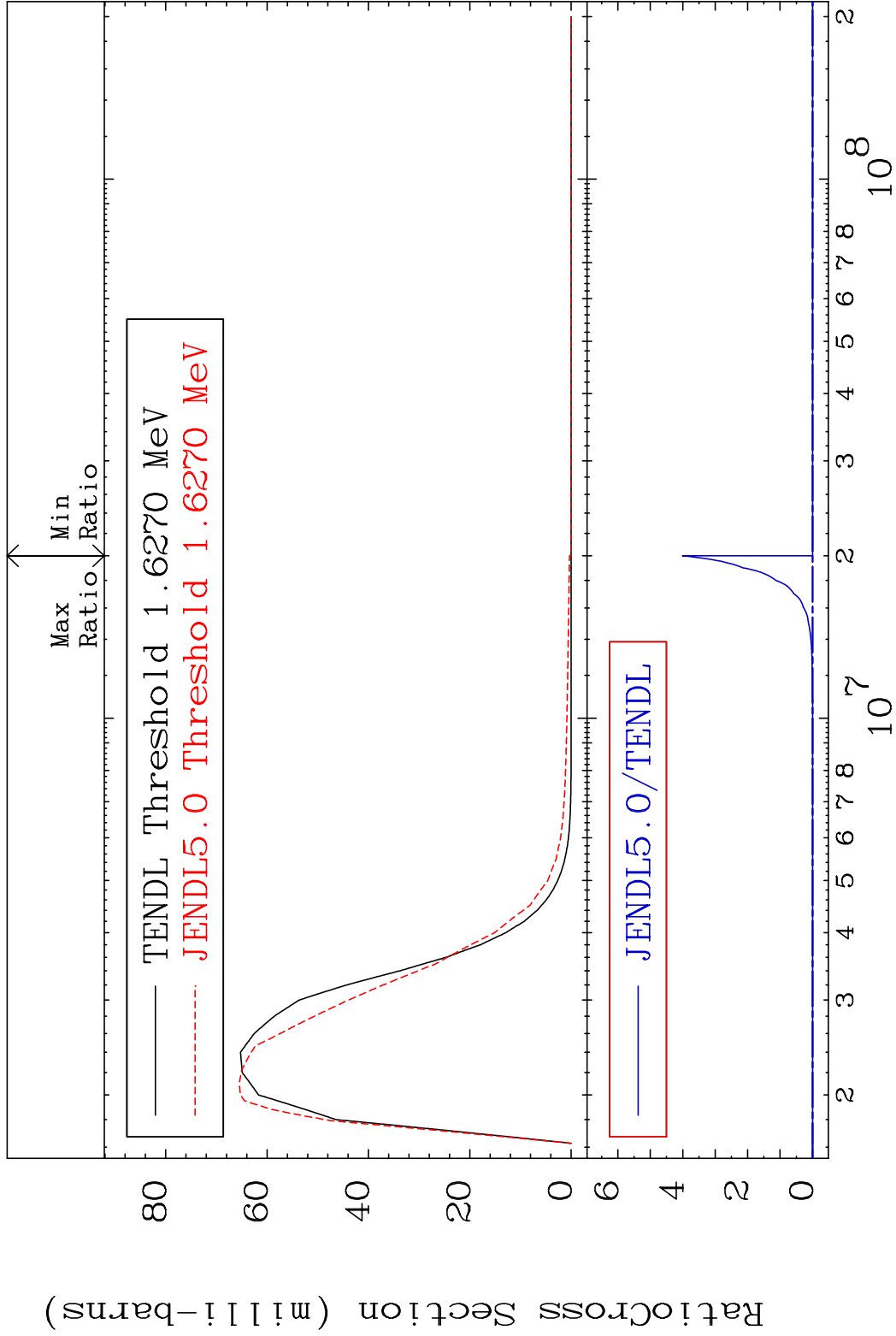


MAT 5225 MT= 54 (n,n') Level 52-Te-120
Cross Section -100.0 To 2.427 %





MAT 5225 MT= 56 (n,n') Level 52-Te-120
Cross Section -100.0 To 9999. %

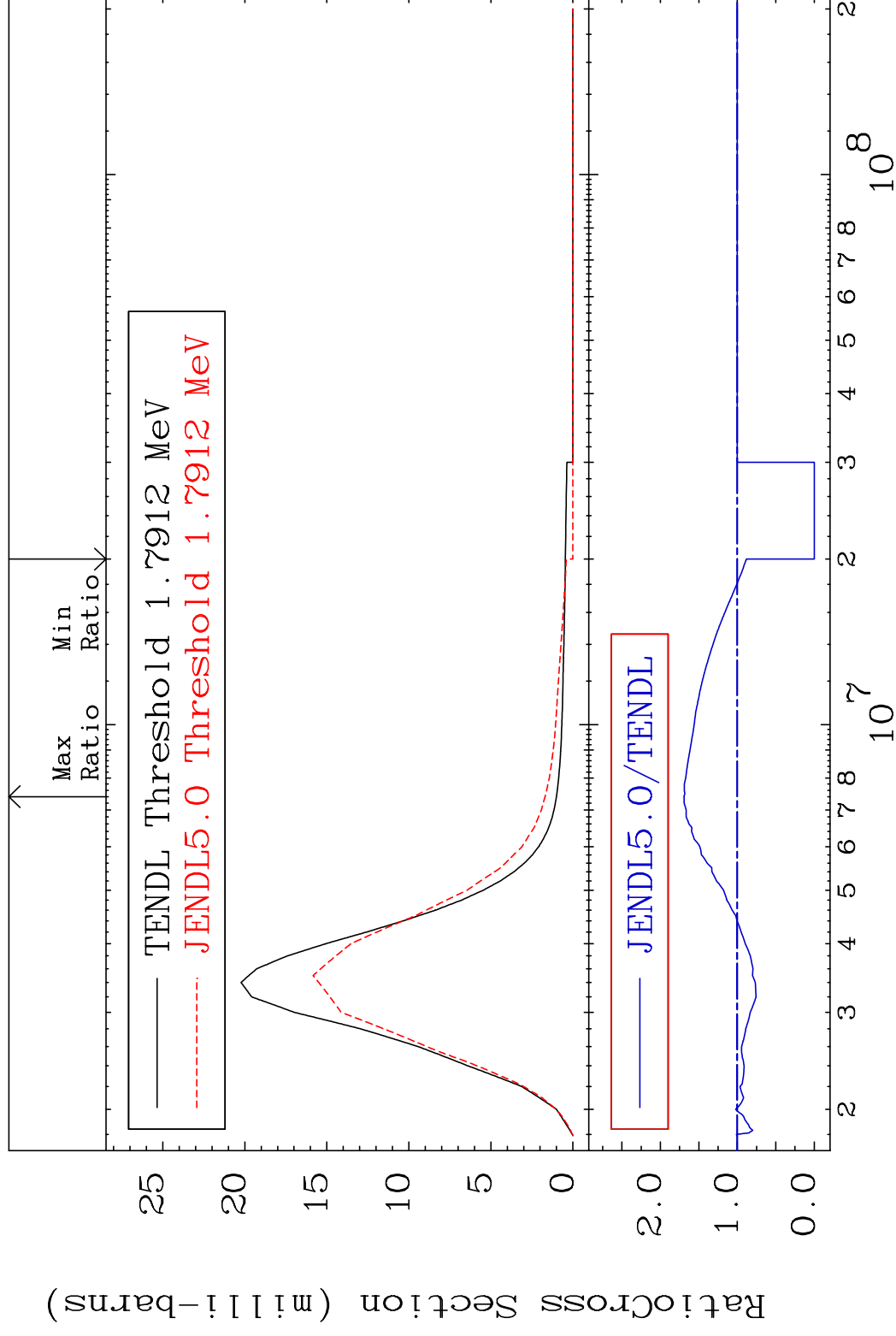


MAT 5225

MT= 57 (n, n') Level

52-Te-120

Cross Section	-100.0 To 69.21 %

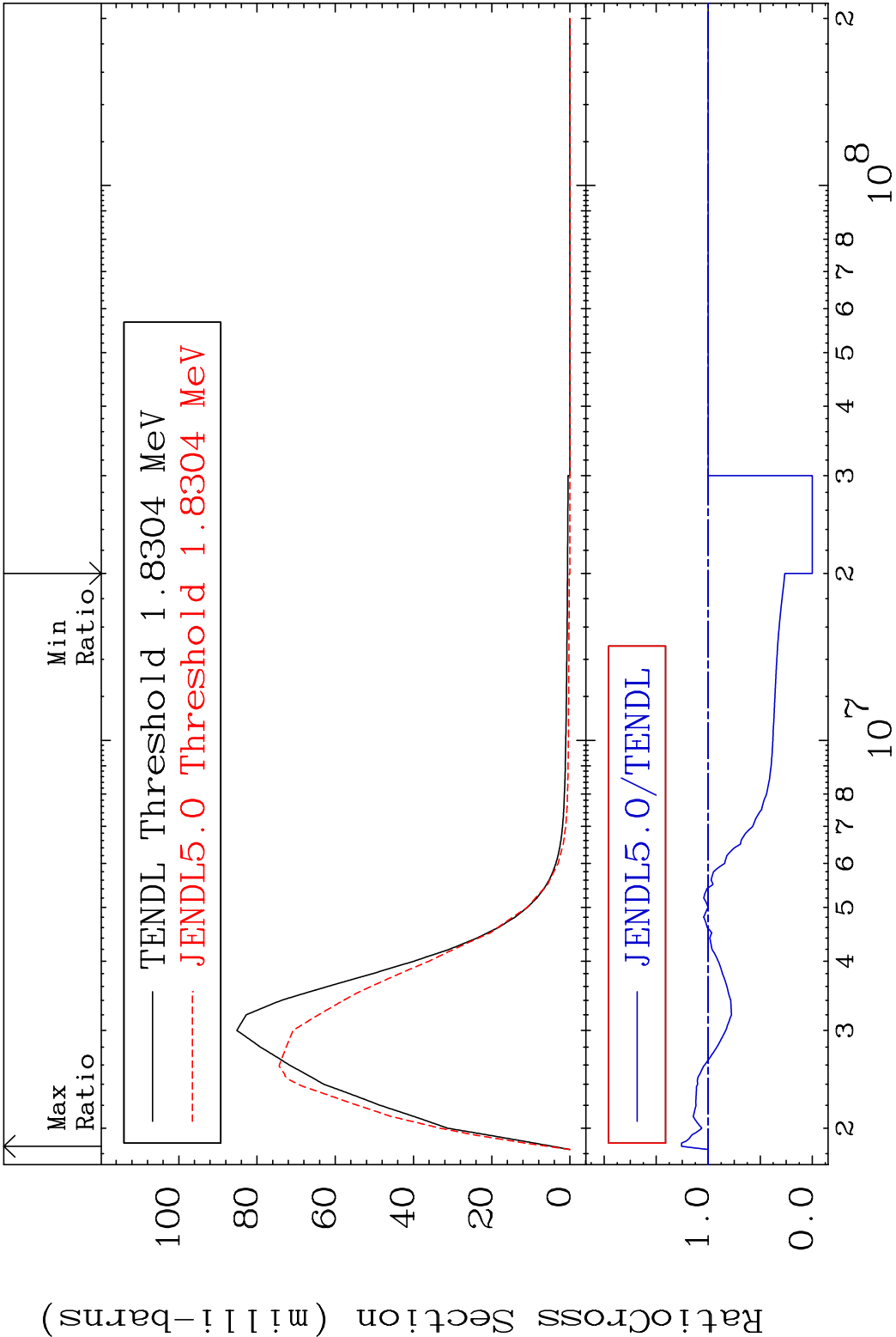


21

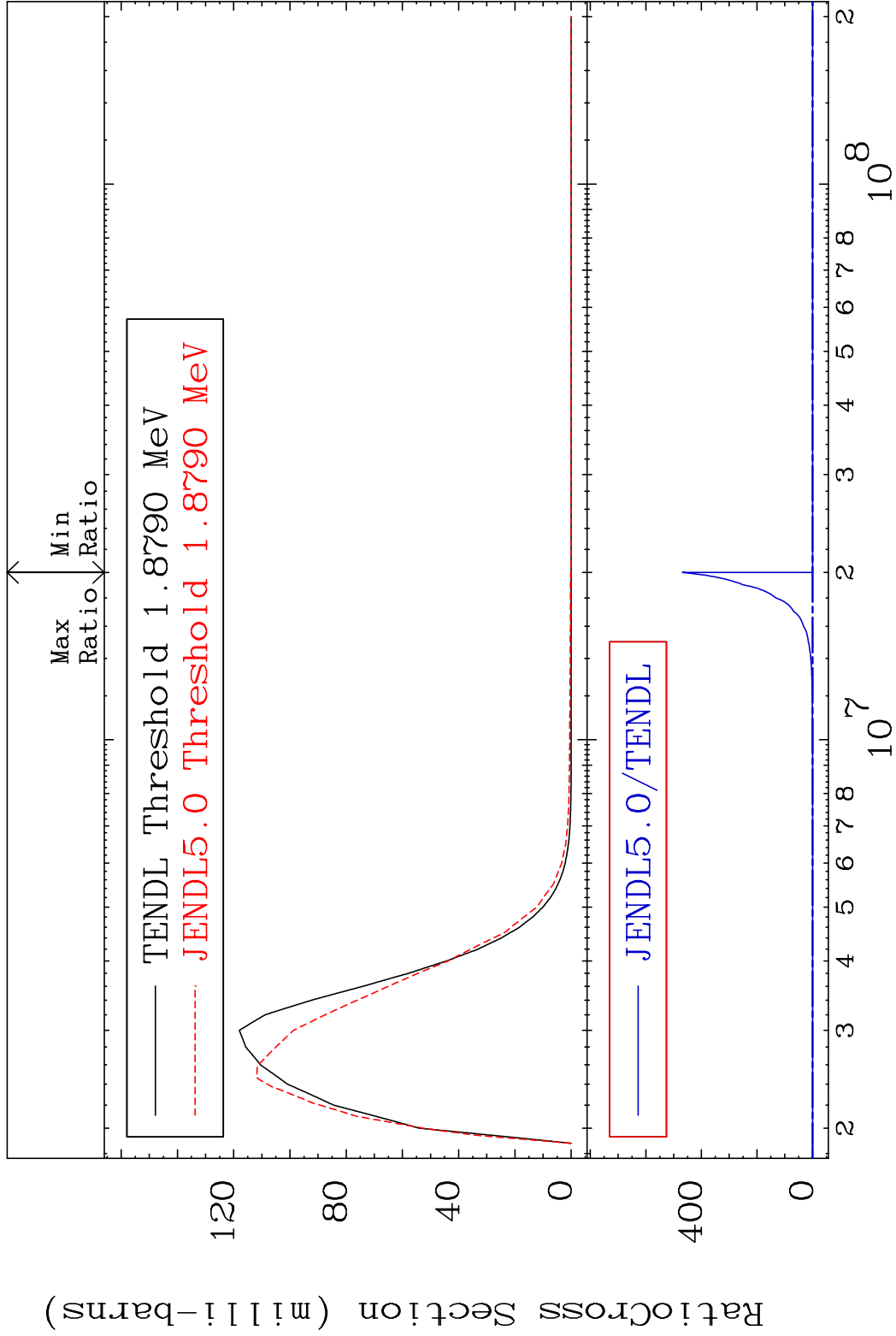
Incident Energy (eV)

52-Te-120

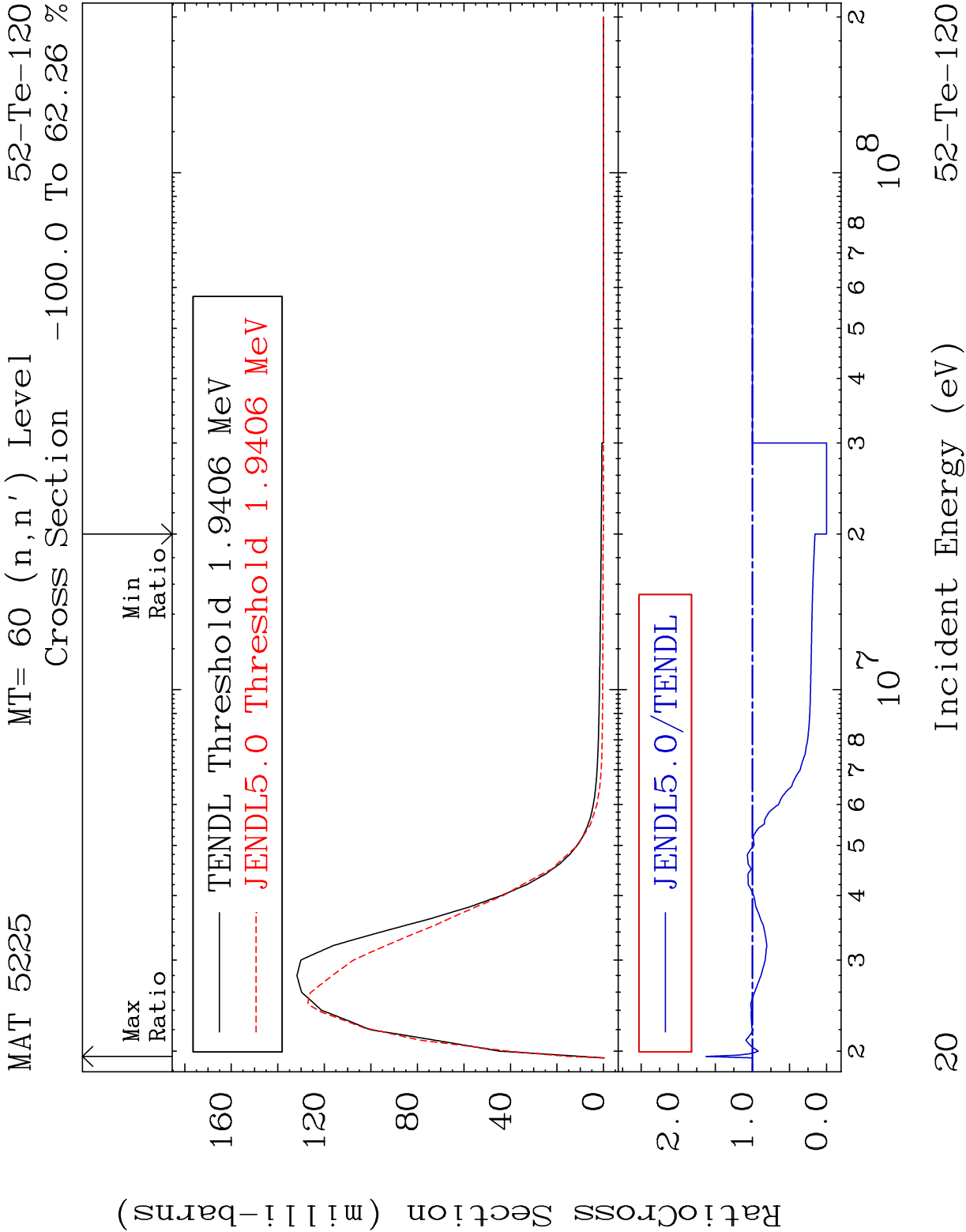
MAT 5225 MT= 58 (n,n') Level 52-Te-120
 Cross Section -100.0 To 25.67 %

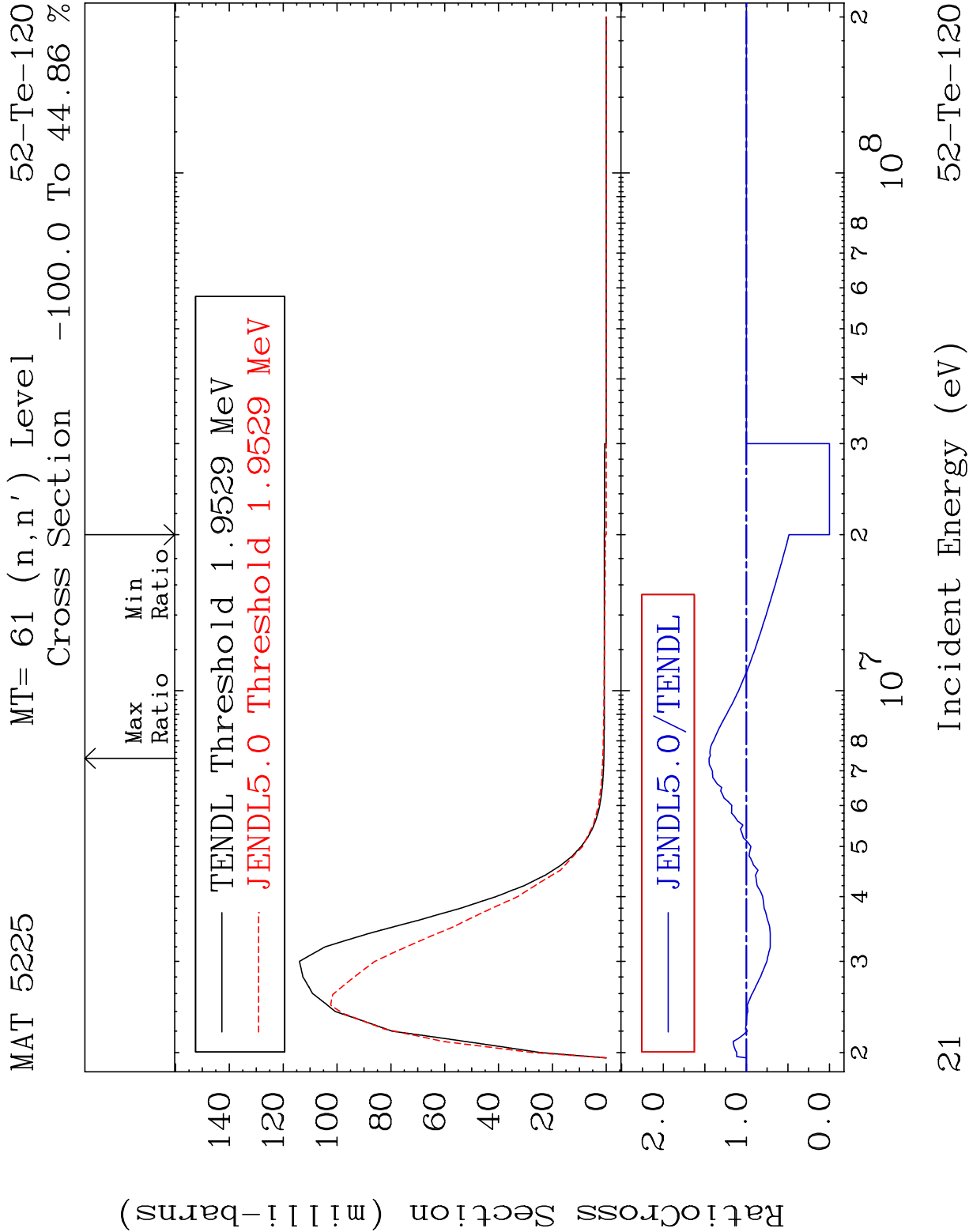


MAT 5225 MT= 59 (n,n') Level 52-Te-120
Cross Section -100.0 To 9999. %



19 Incident Energy (eV) 52-Te-120





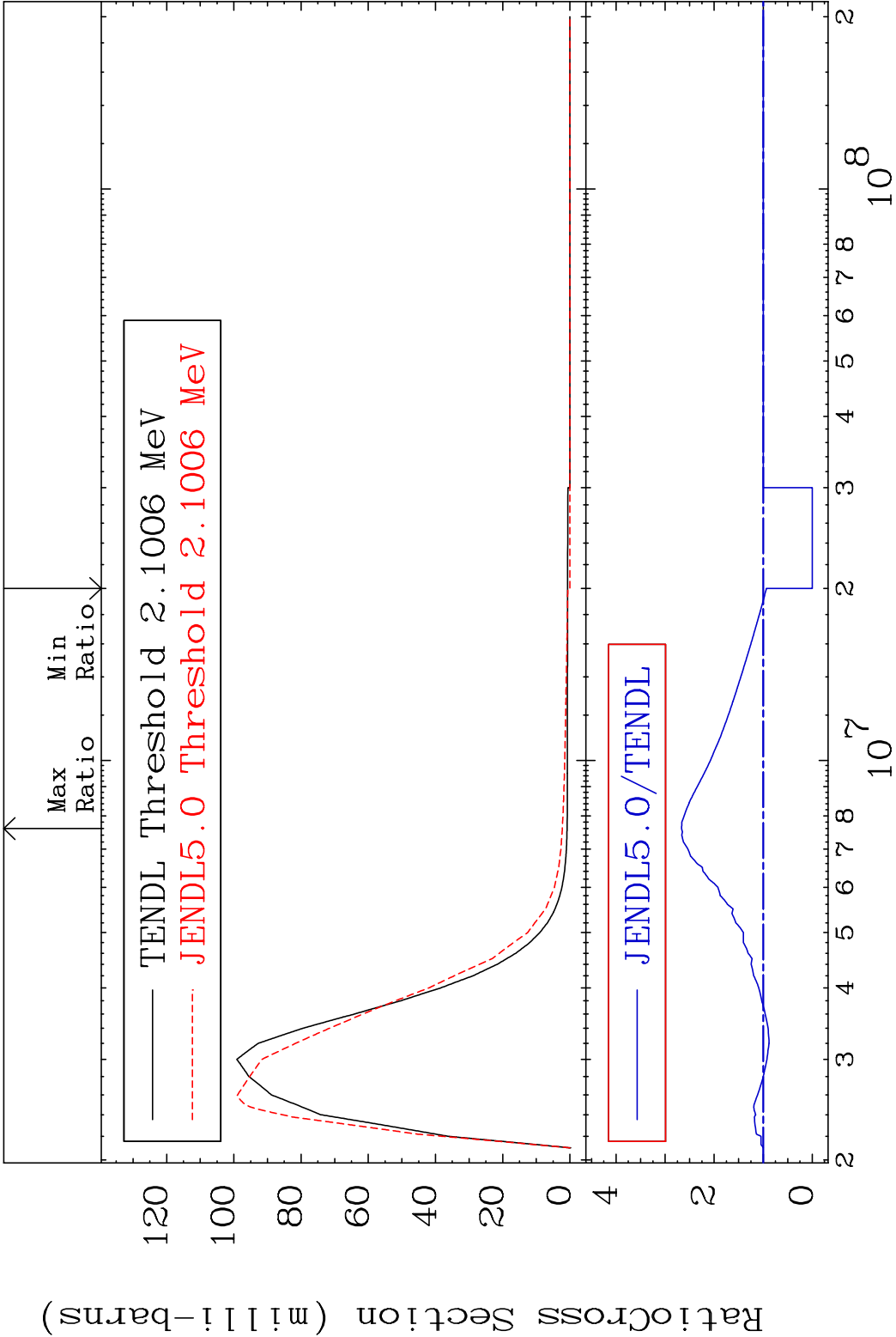
MAT 5225

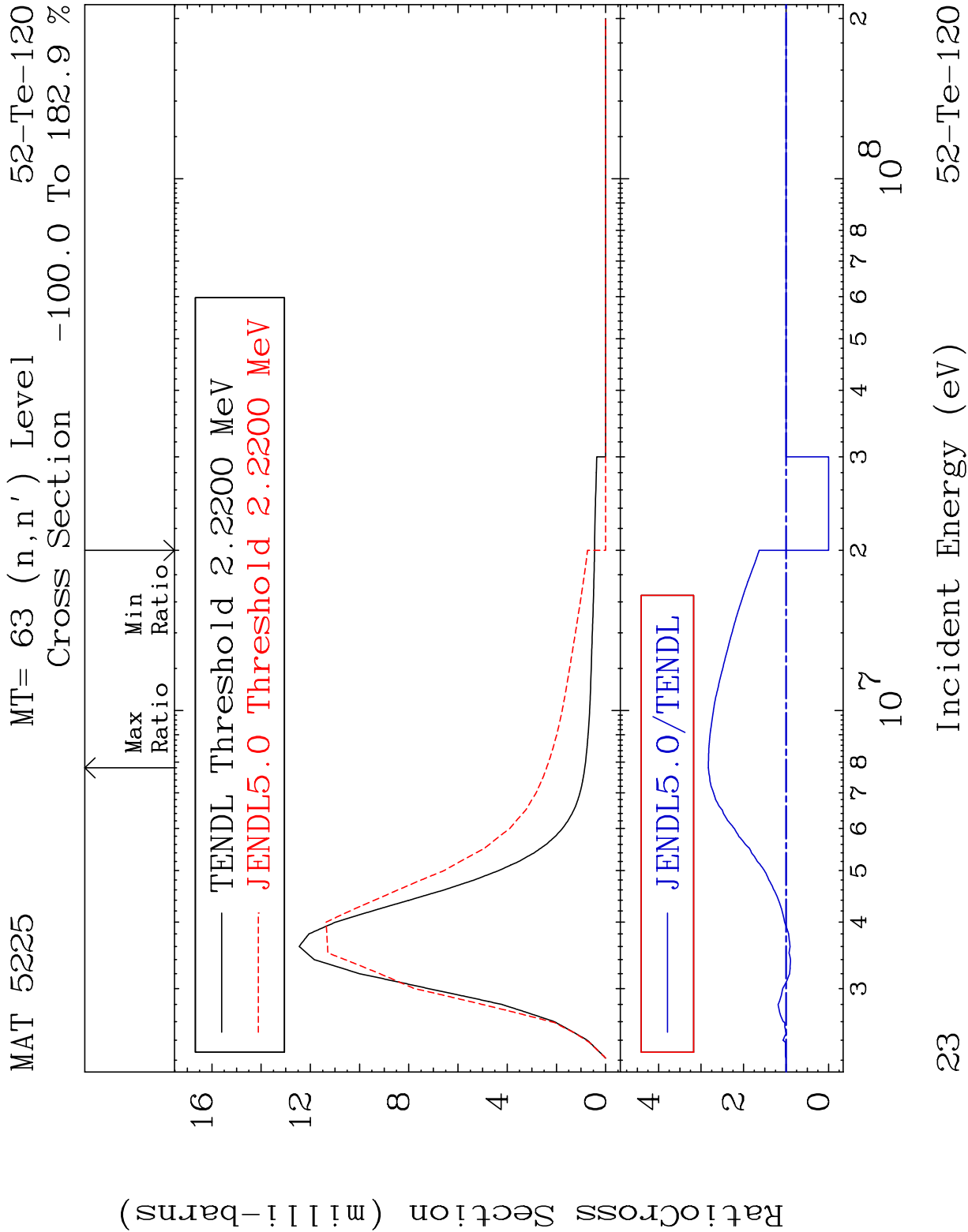
MT= 62 (n,n') Level

52-Te-120

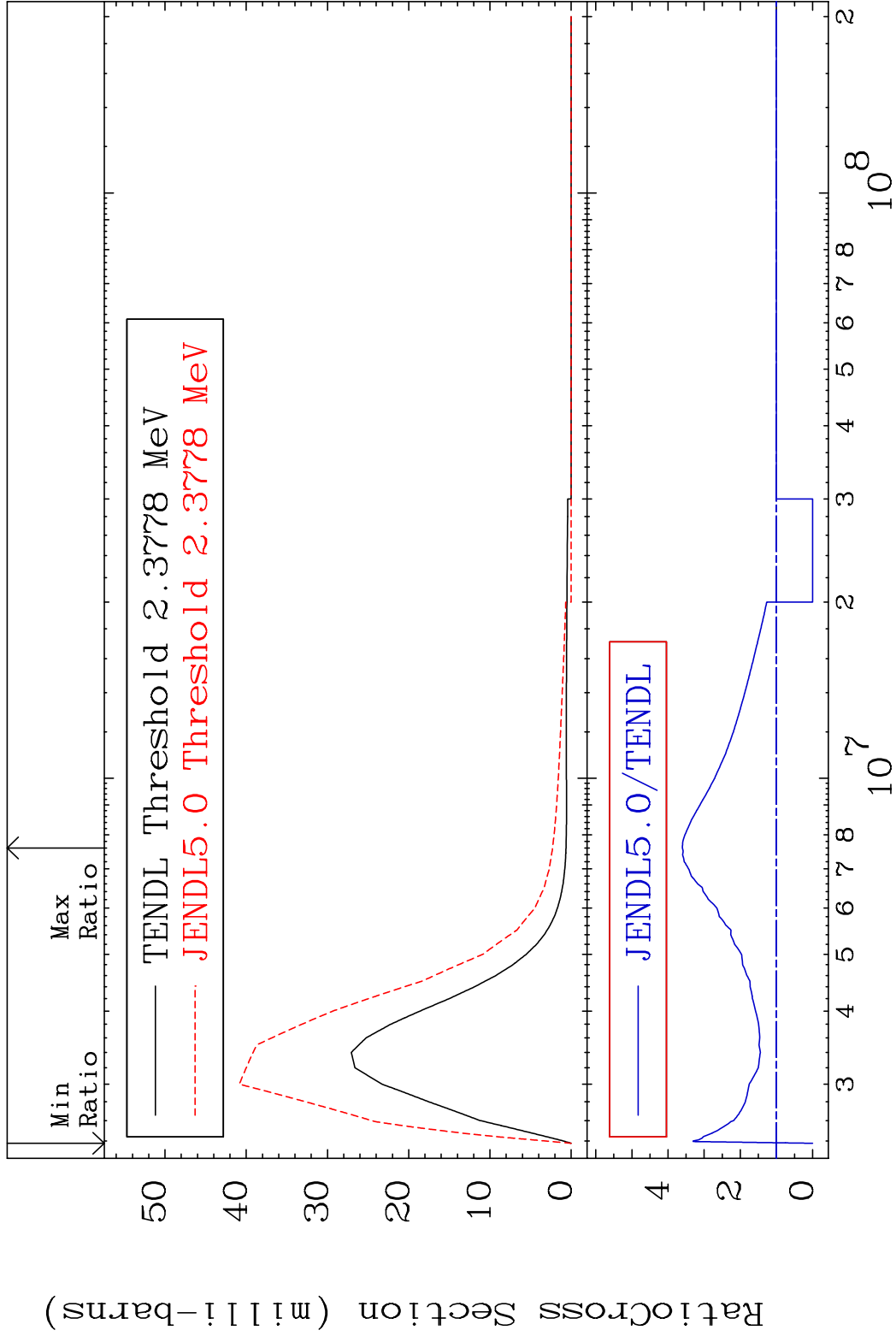
Cross Section

-100.0 To 166.5 %



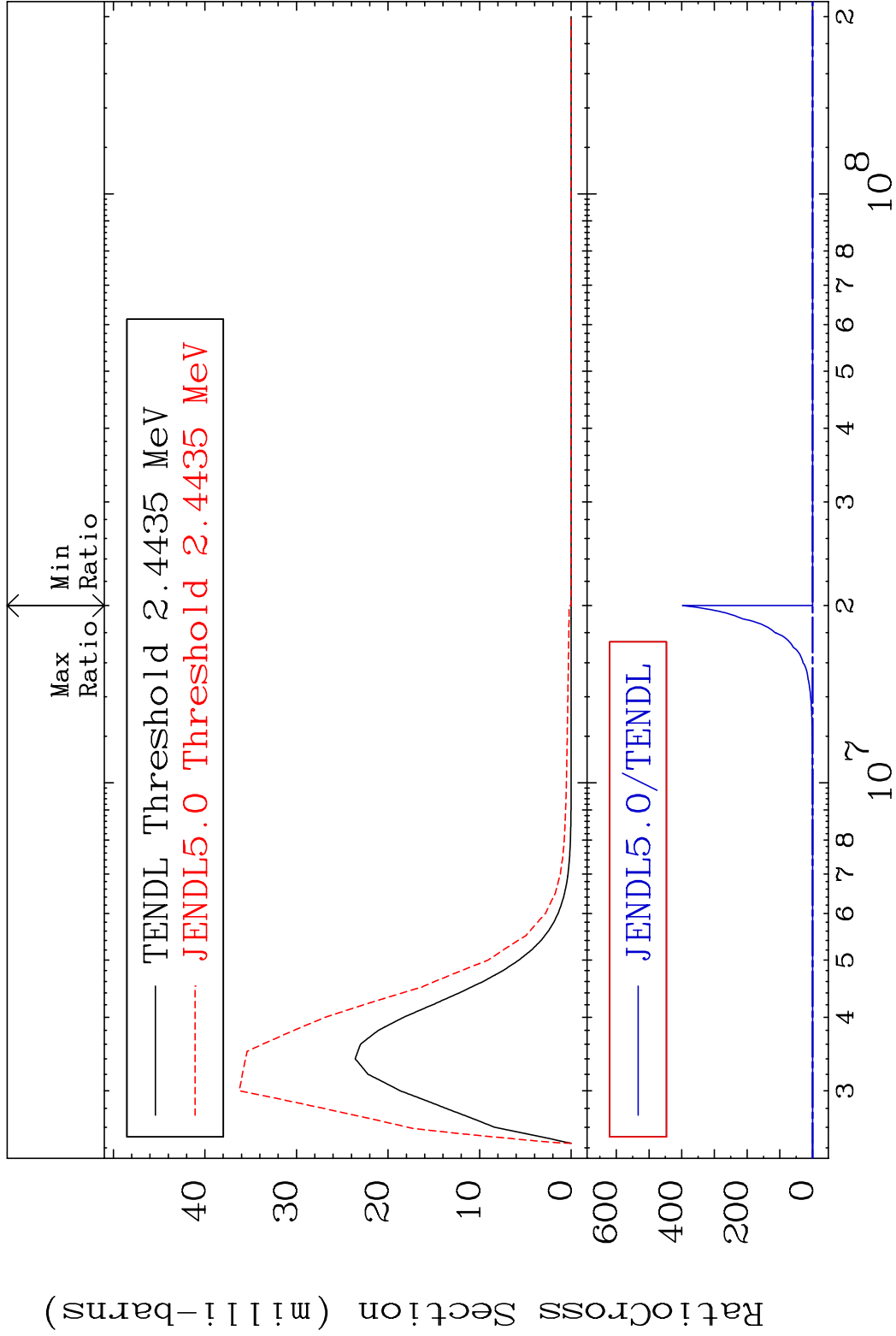


MAT 5225 MT= 64 (n,n') Level 52-Te-120
Cross Section -100.0 To 260.3 %

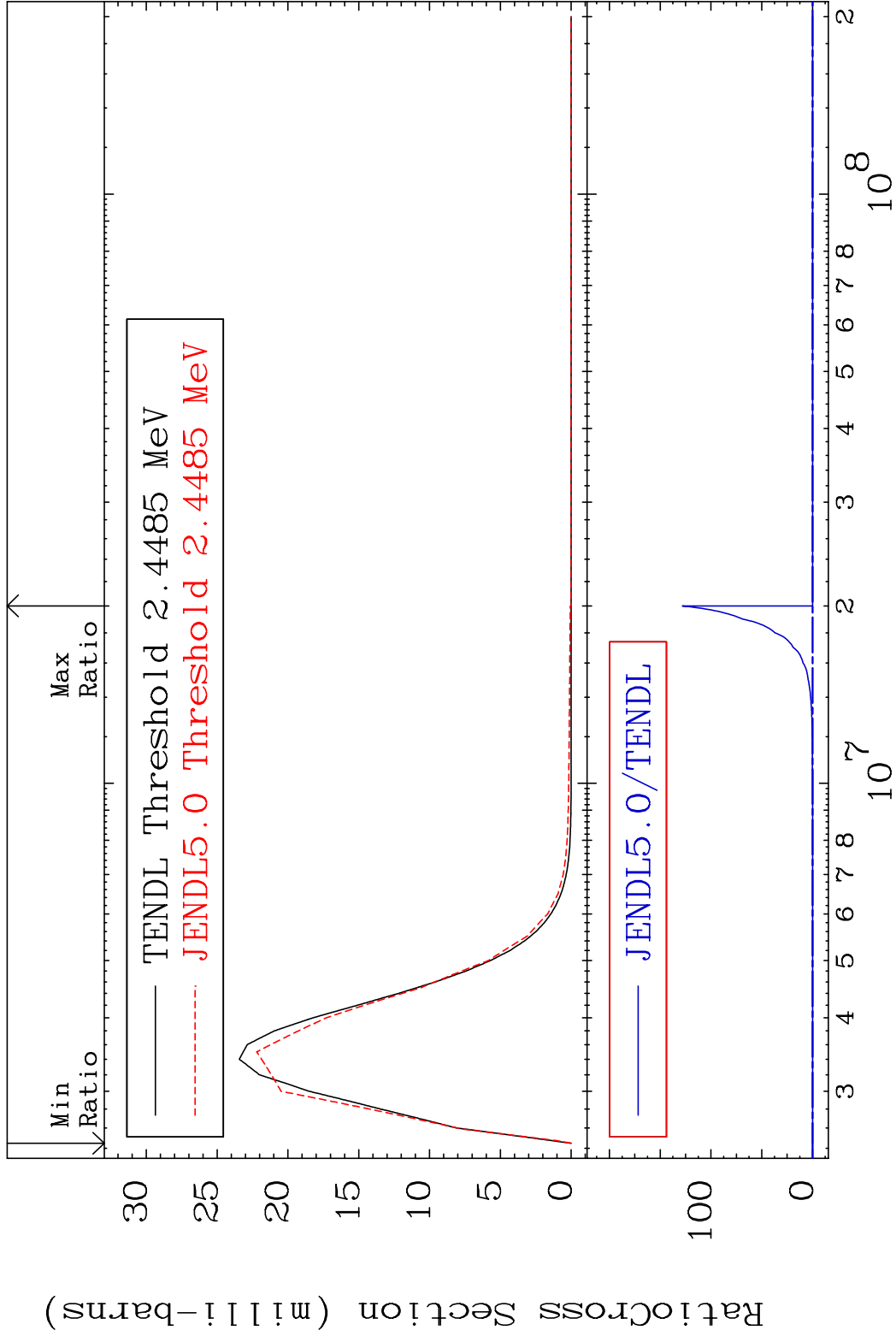


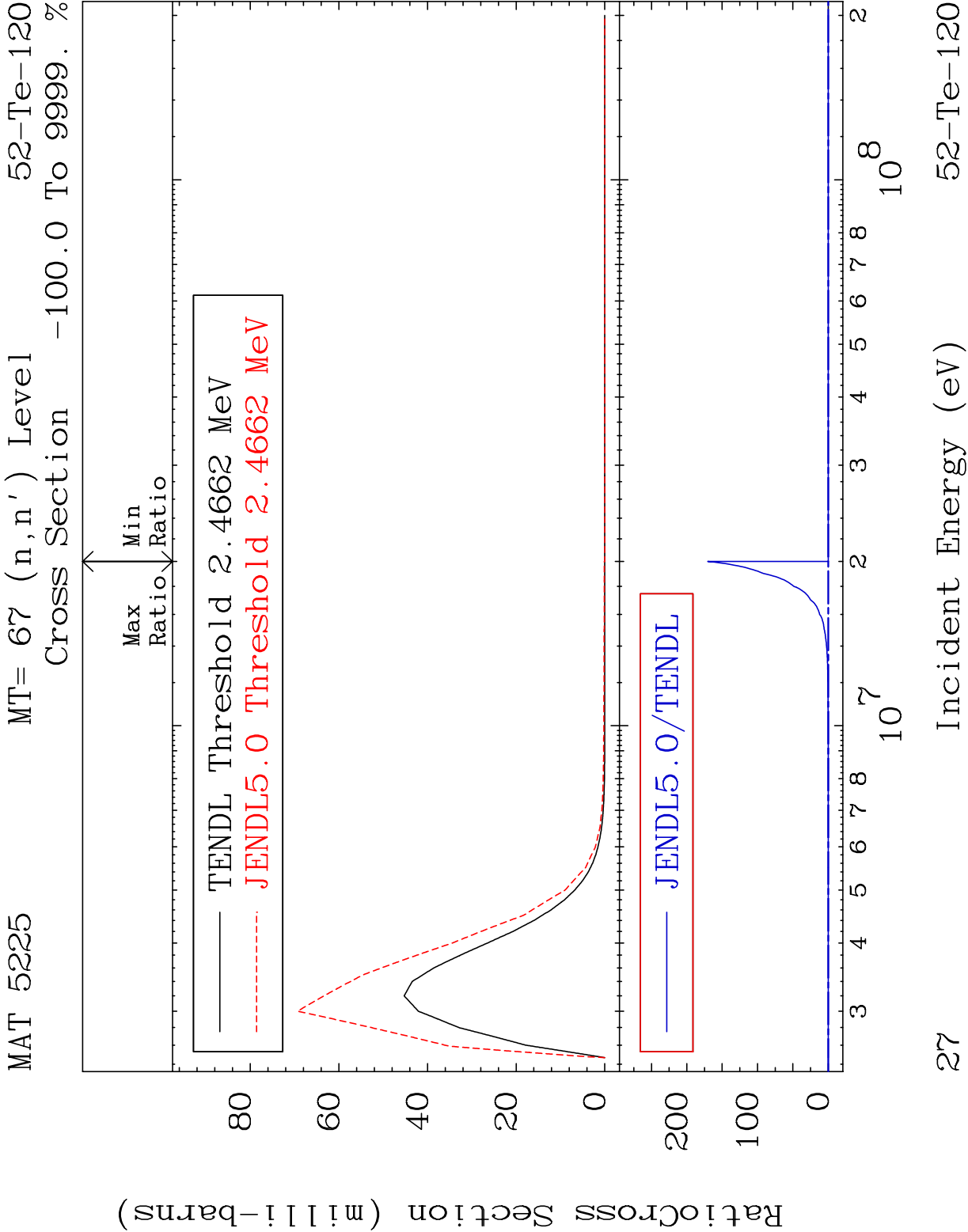
MAT 5225 MT= 65 (n,n') Level 52-Te-120

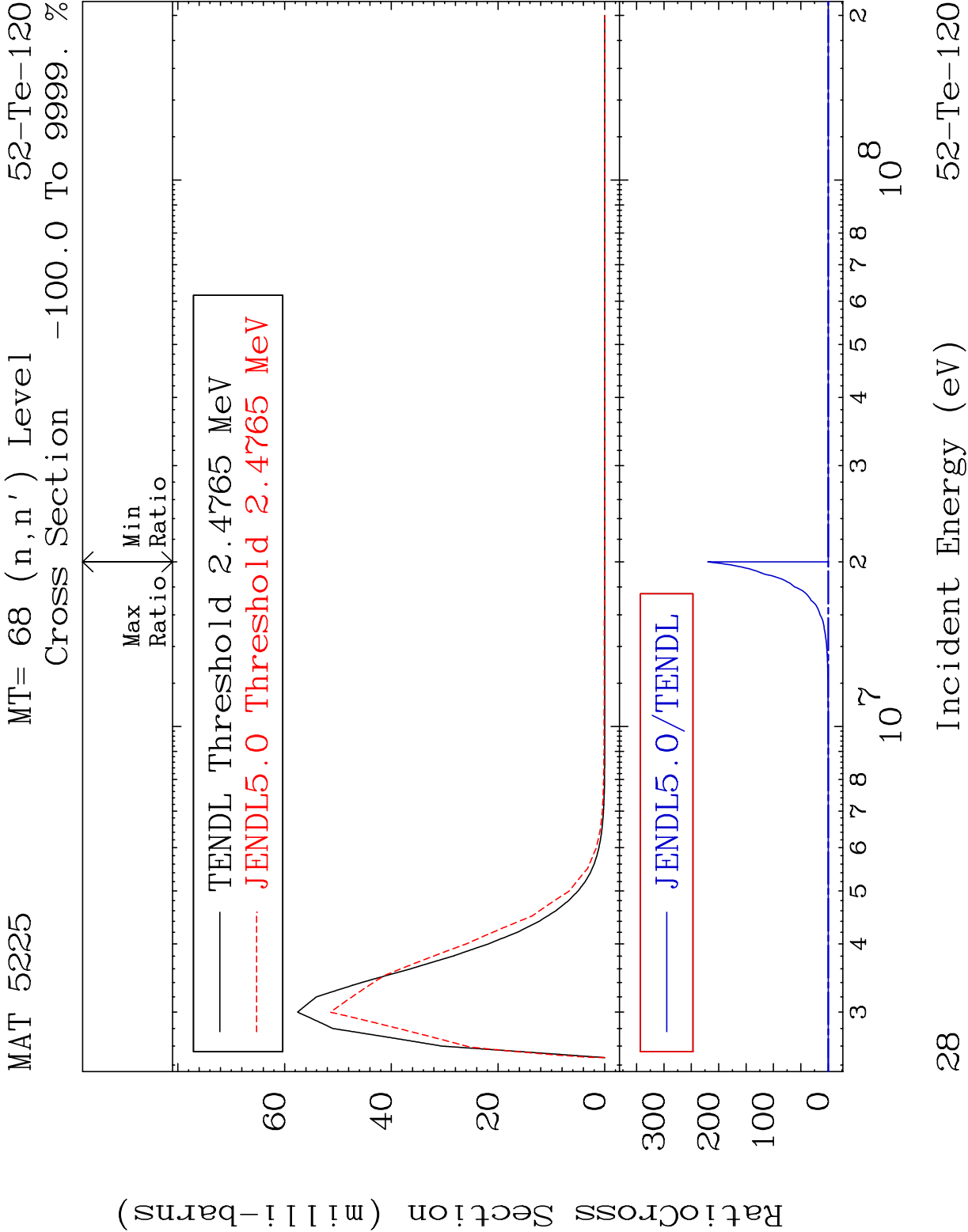
Cross Section -100.0 To 9999. %



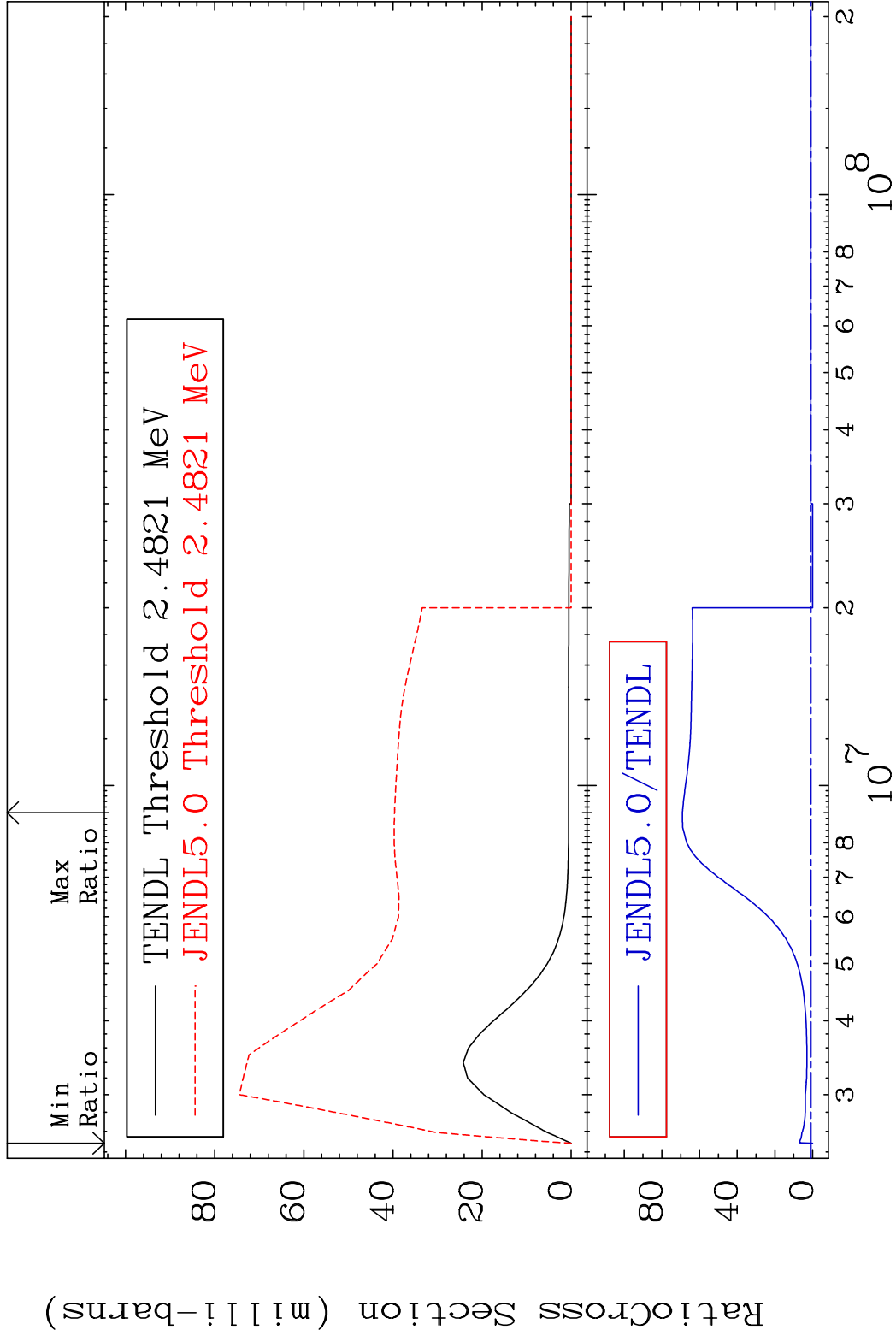
MAT 5225 MT= 66 (n,n') Level 52-Te-120
Cross Section -100.0 To 9999. %



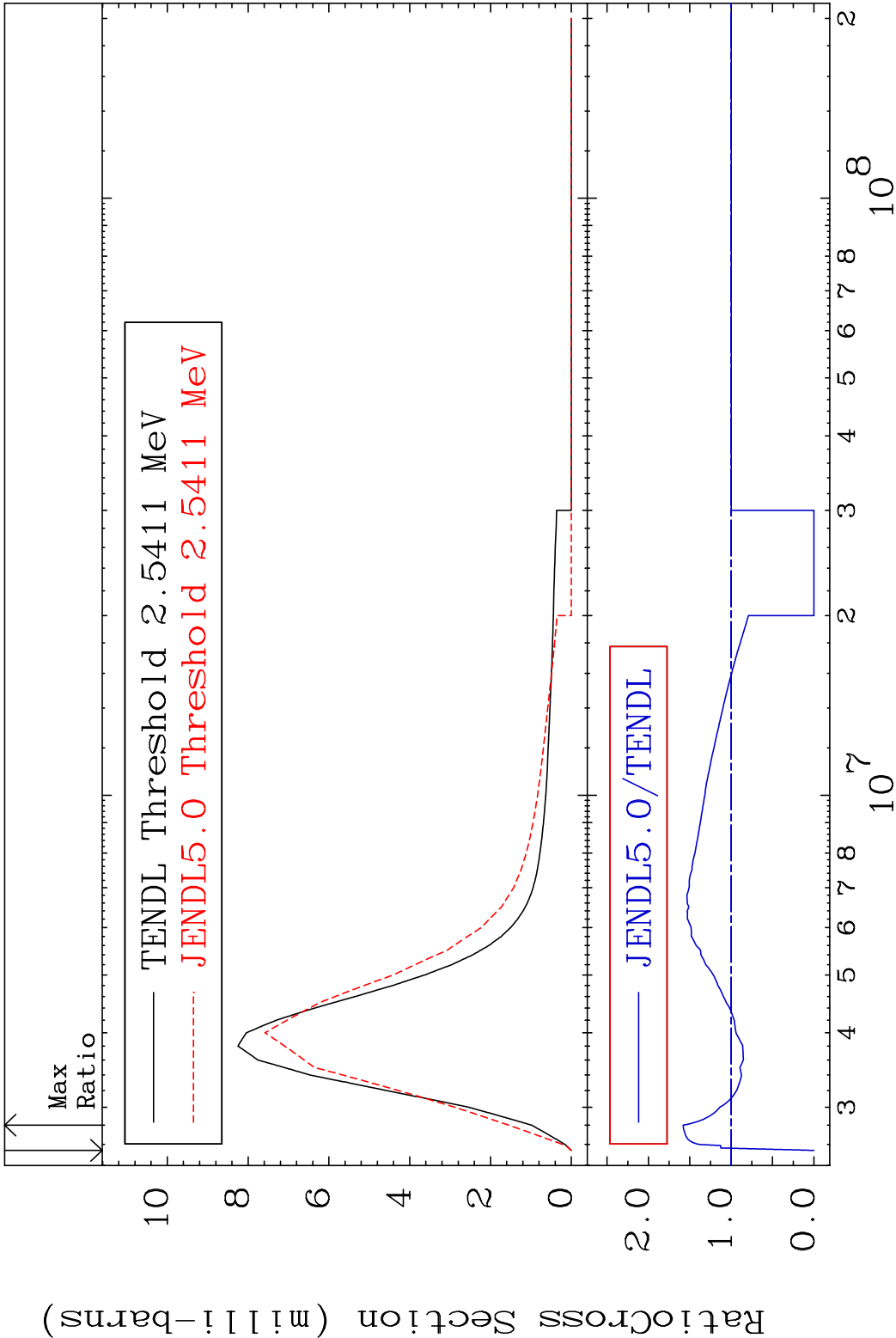




MAT 5225 MT= 69 (n,n') Level 52-Te-120
Cross Section -100.0 To 6813. %



MAT 5225 MT= 70 (n,n') Level 52-Te-120
Cross Section -100.0 To 58.17 %

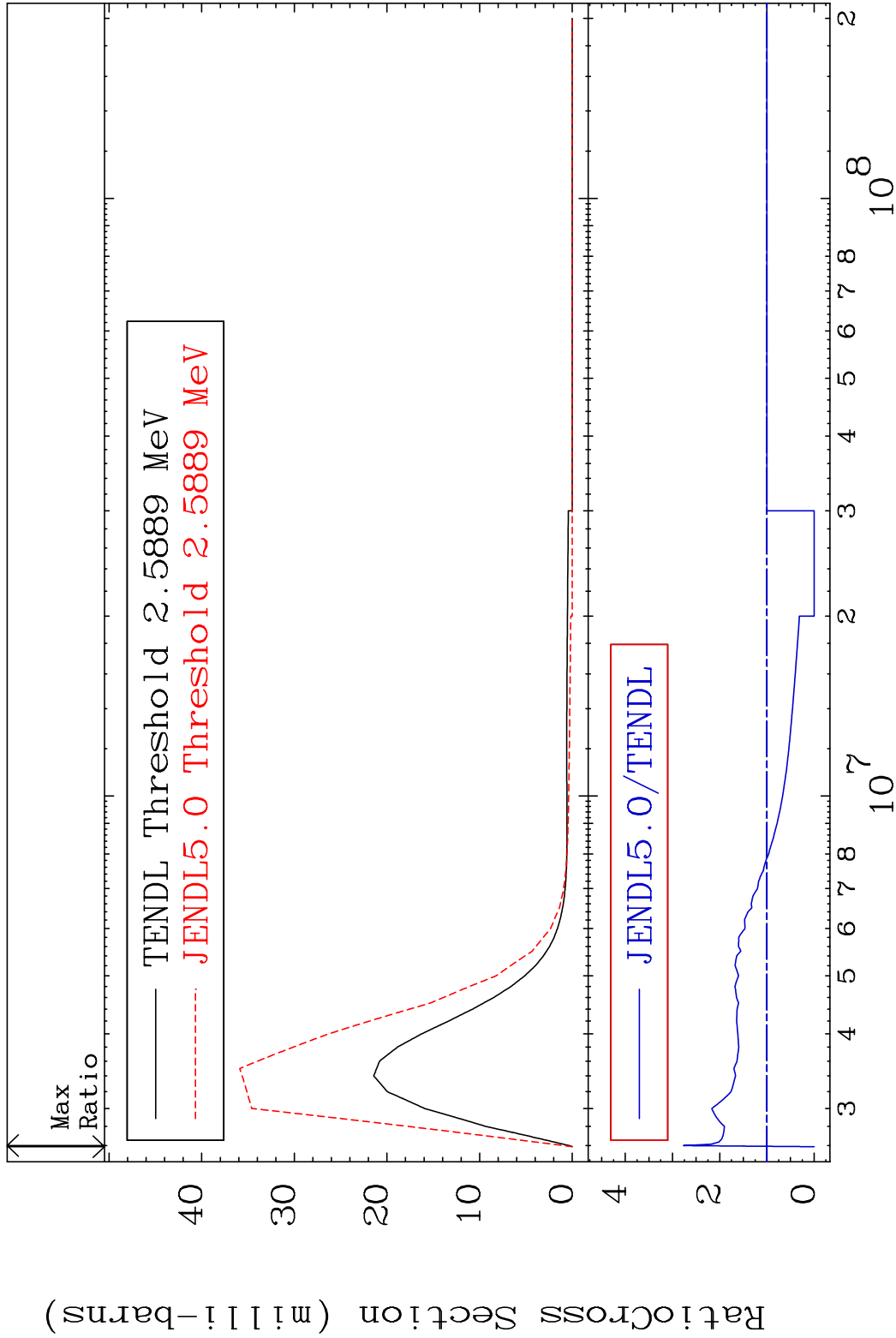


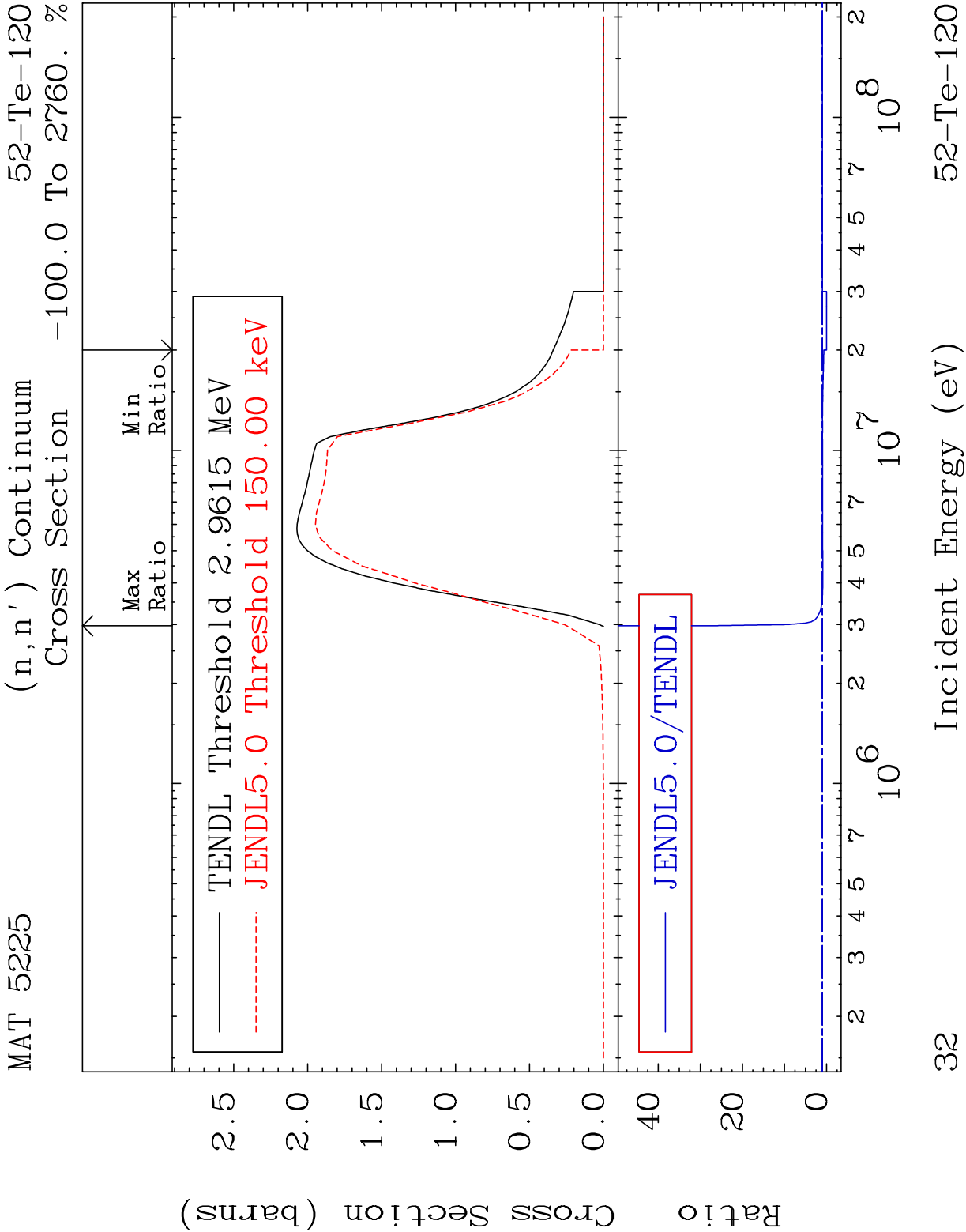
30

Incident Energy (eV)

52-Te-120

MAT 5225 MT= 71 (n,n') Level 52-Te-120
 Cross Section -100.0 To 176.3 %



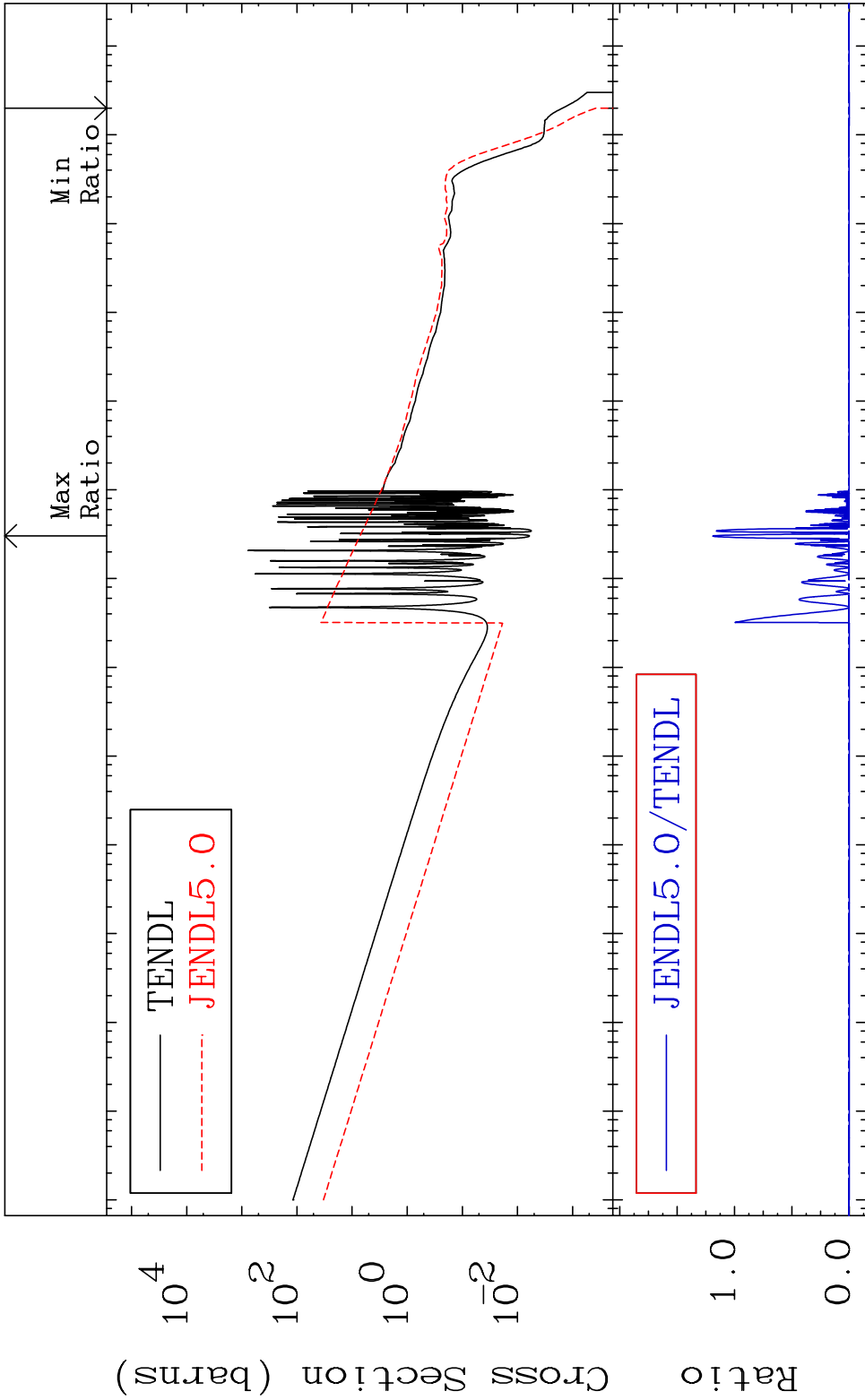


MAT 5225

(n, γ)

52-Te-120

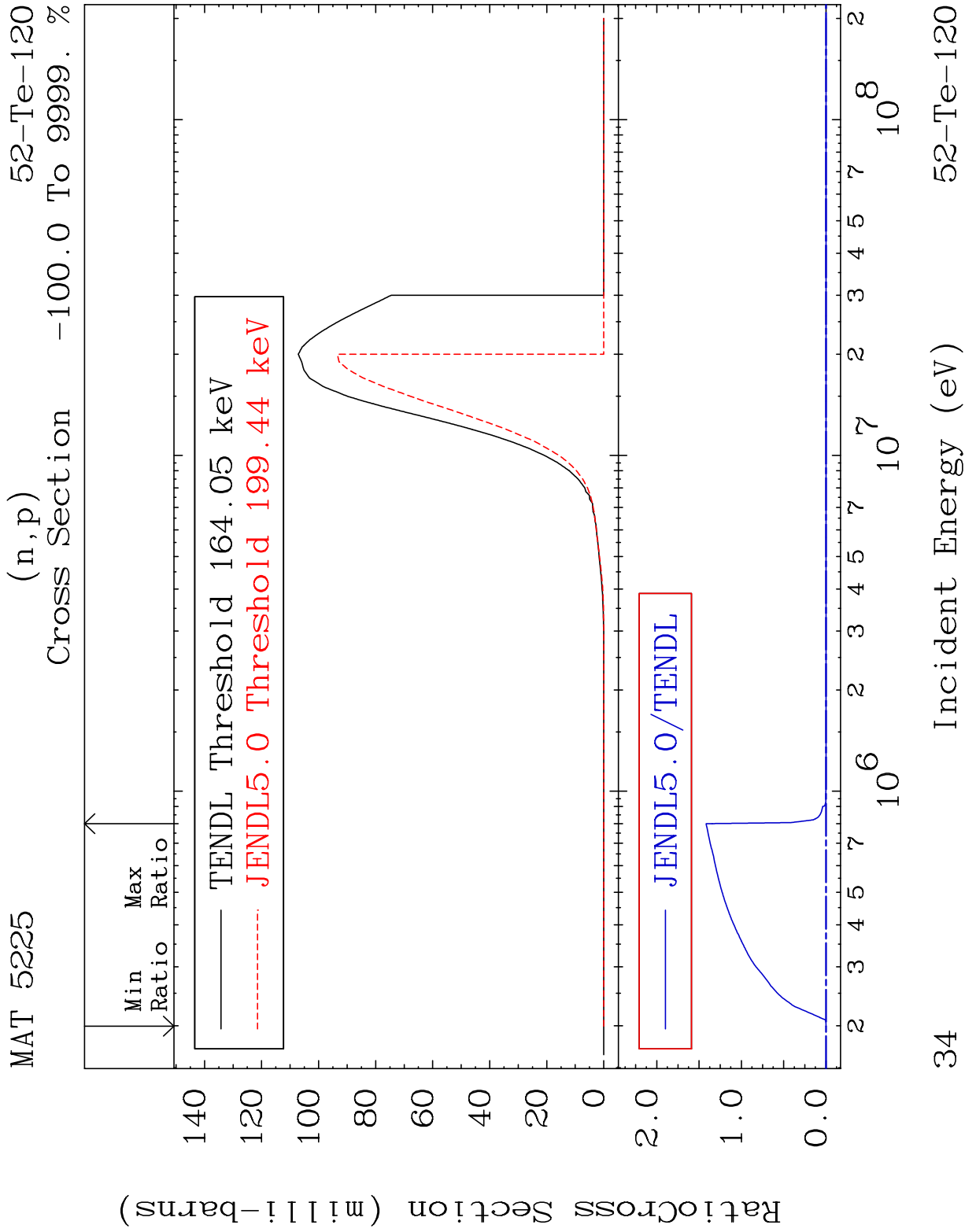
Cross Section -100.0 To 9999. %

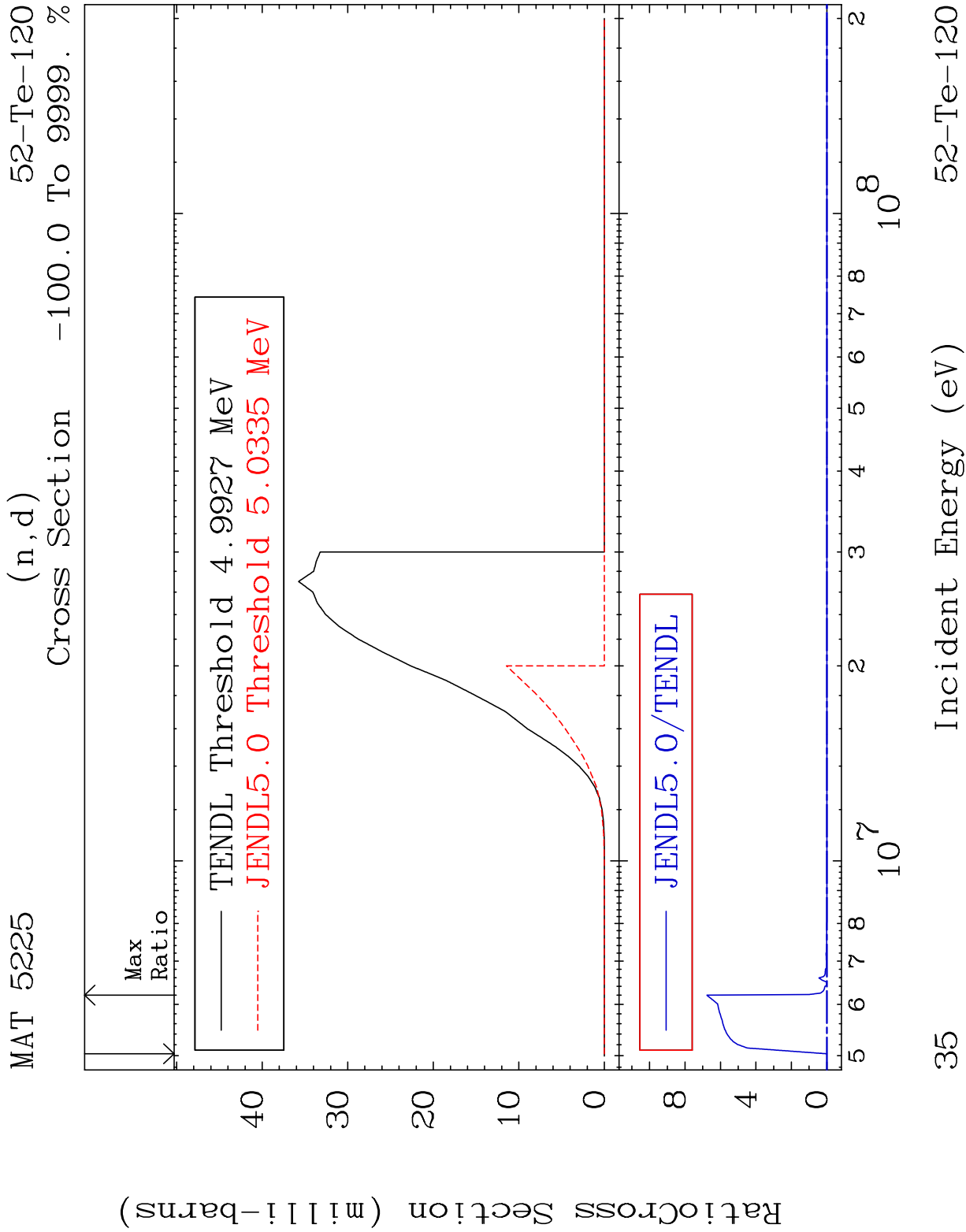


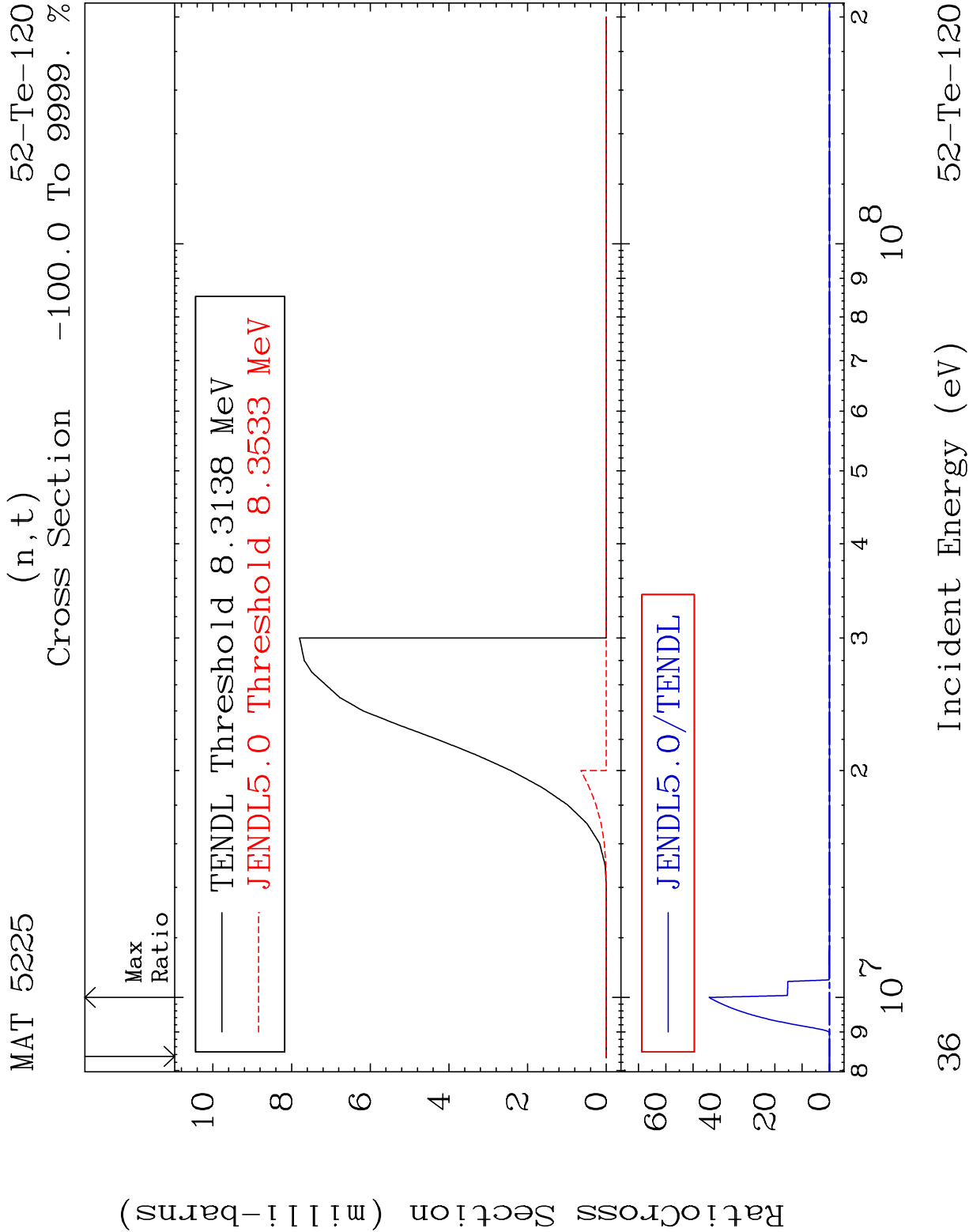
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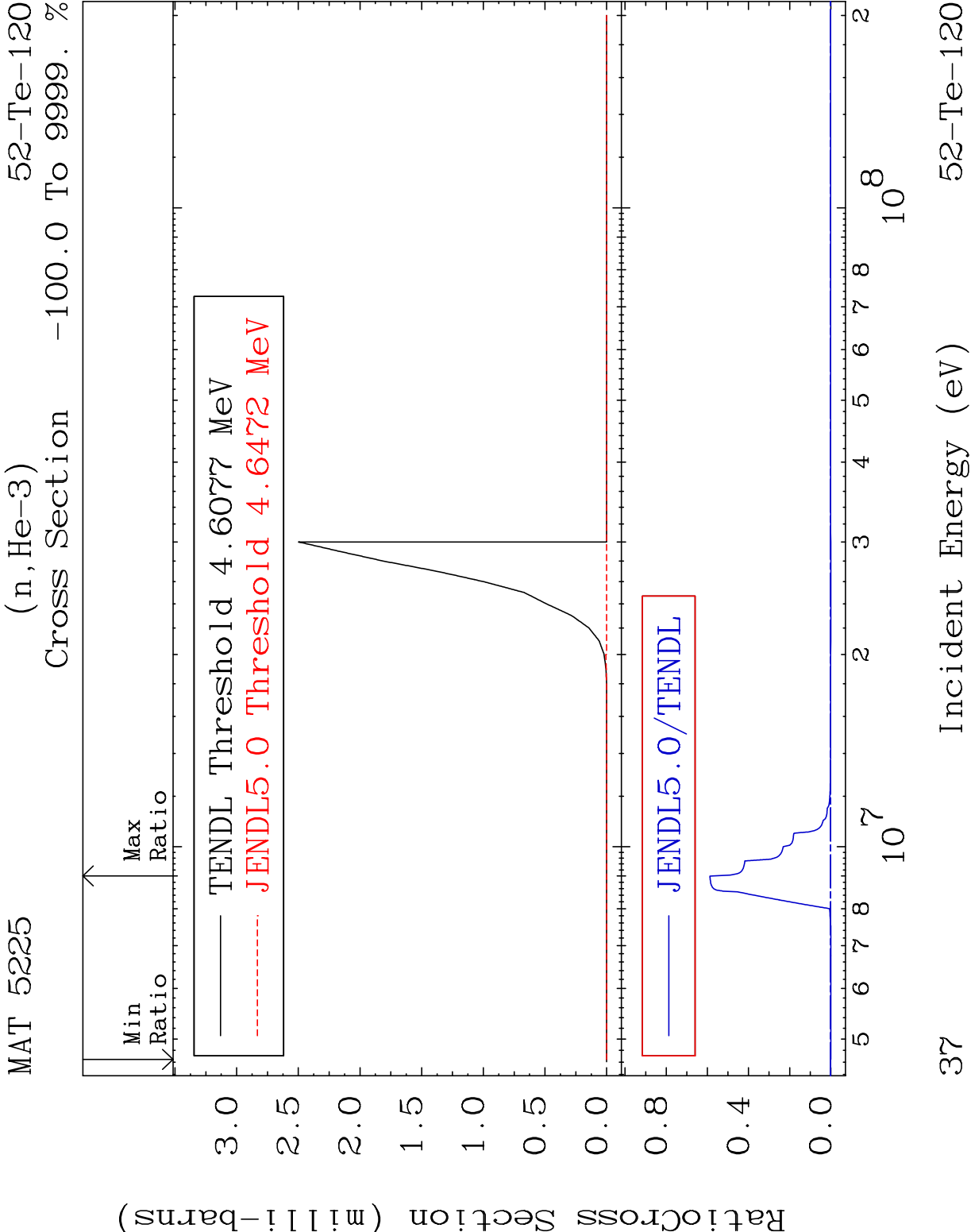
Incident Energy (eV)

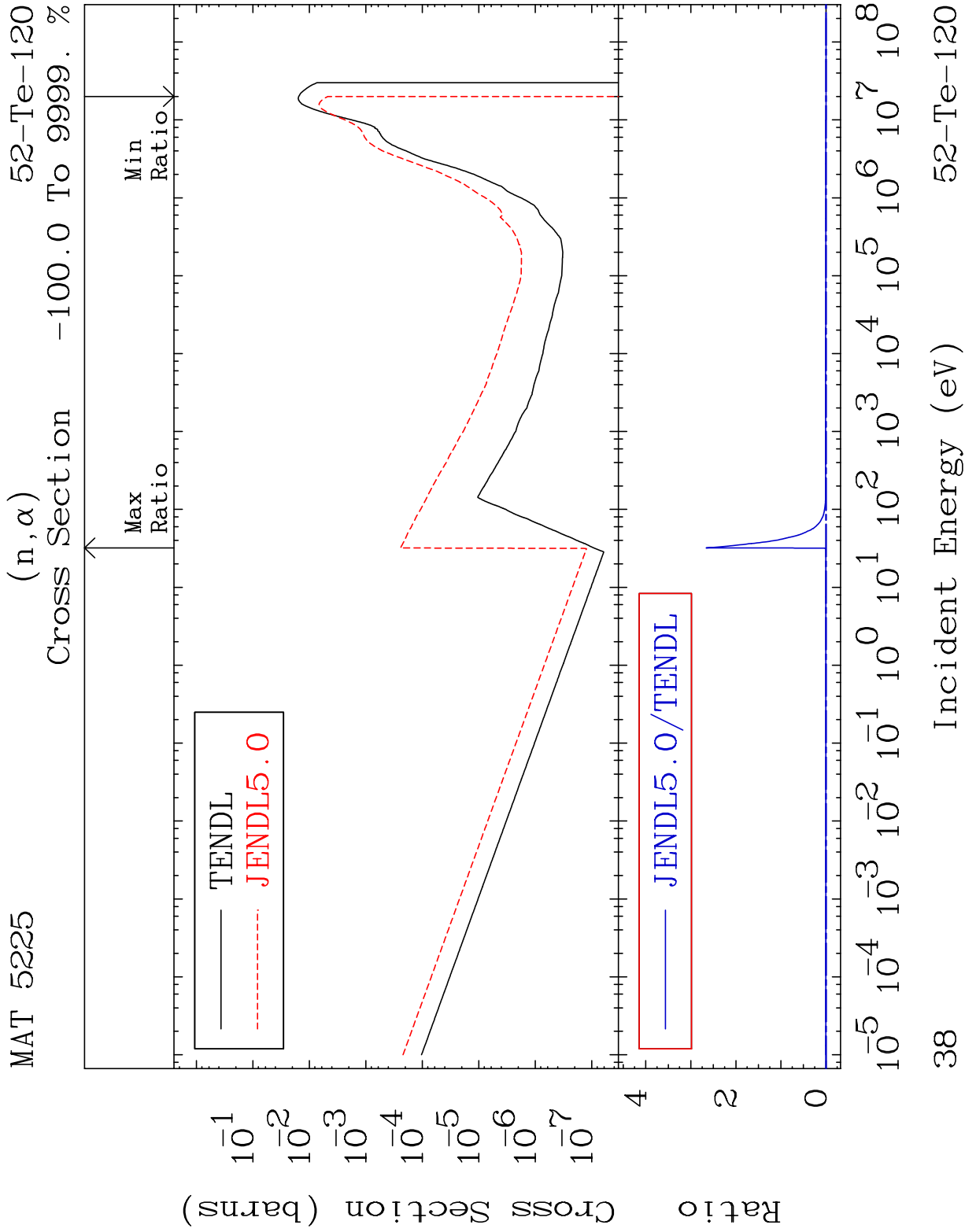
52-Te-120

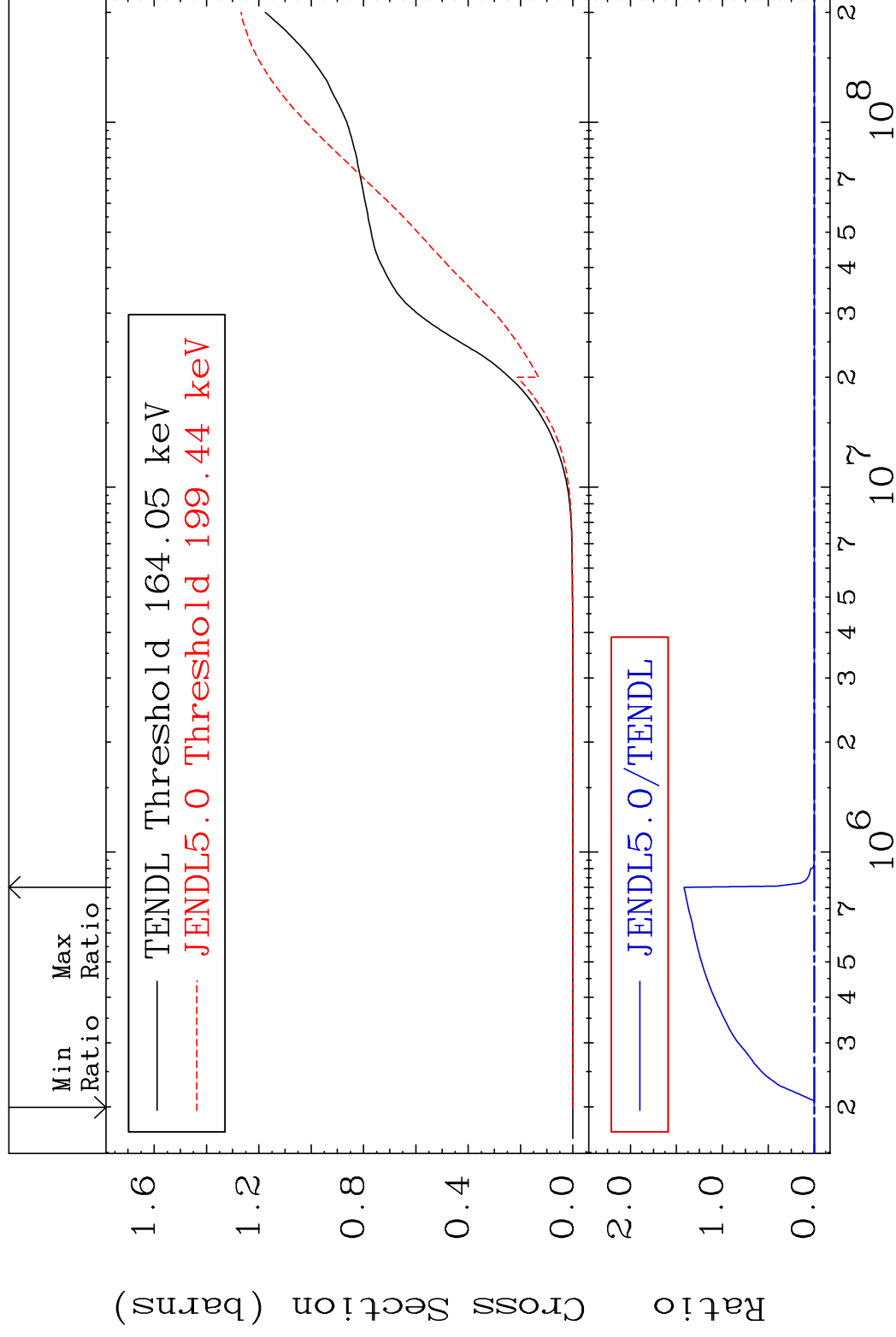




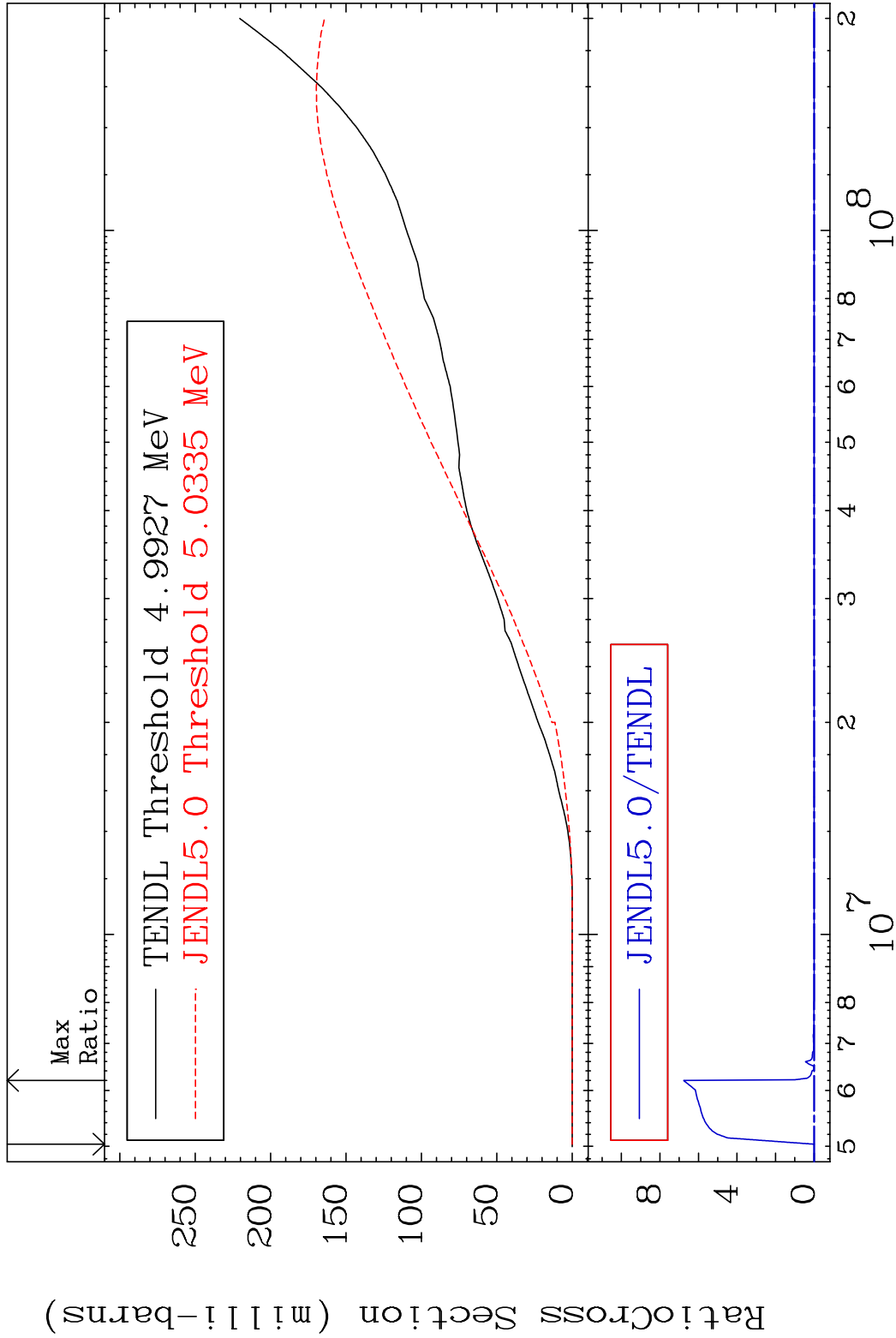






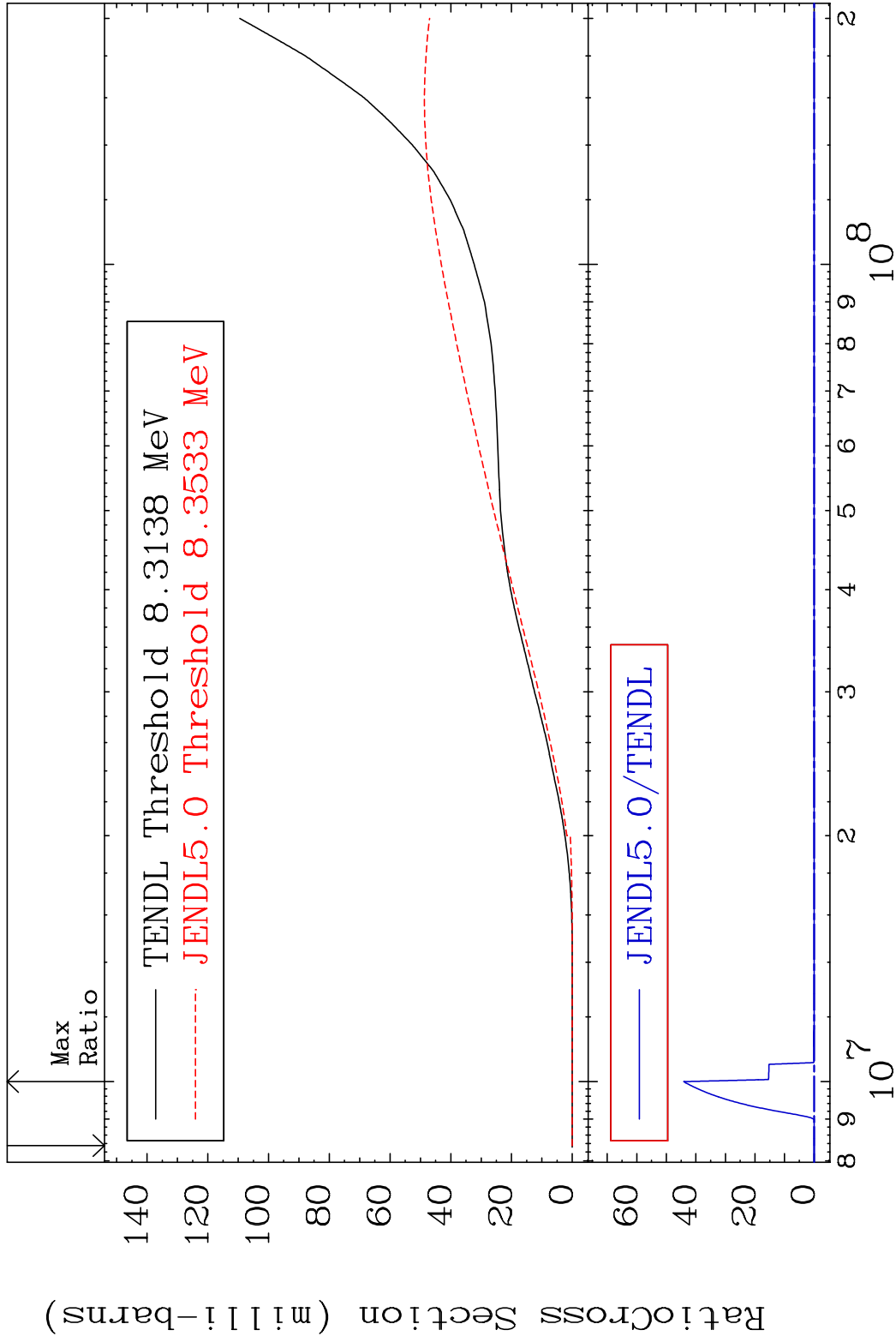


MAT 5225 Deuterium Production 52-Te-120
Cross Section -100.0 To 9999. %

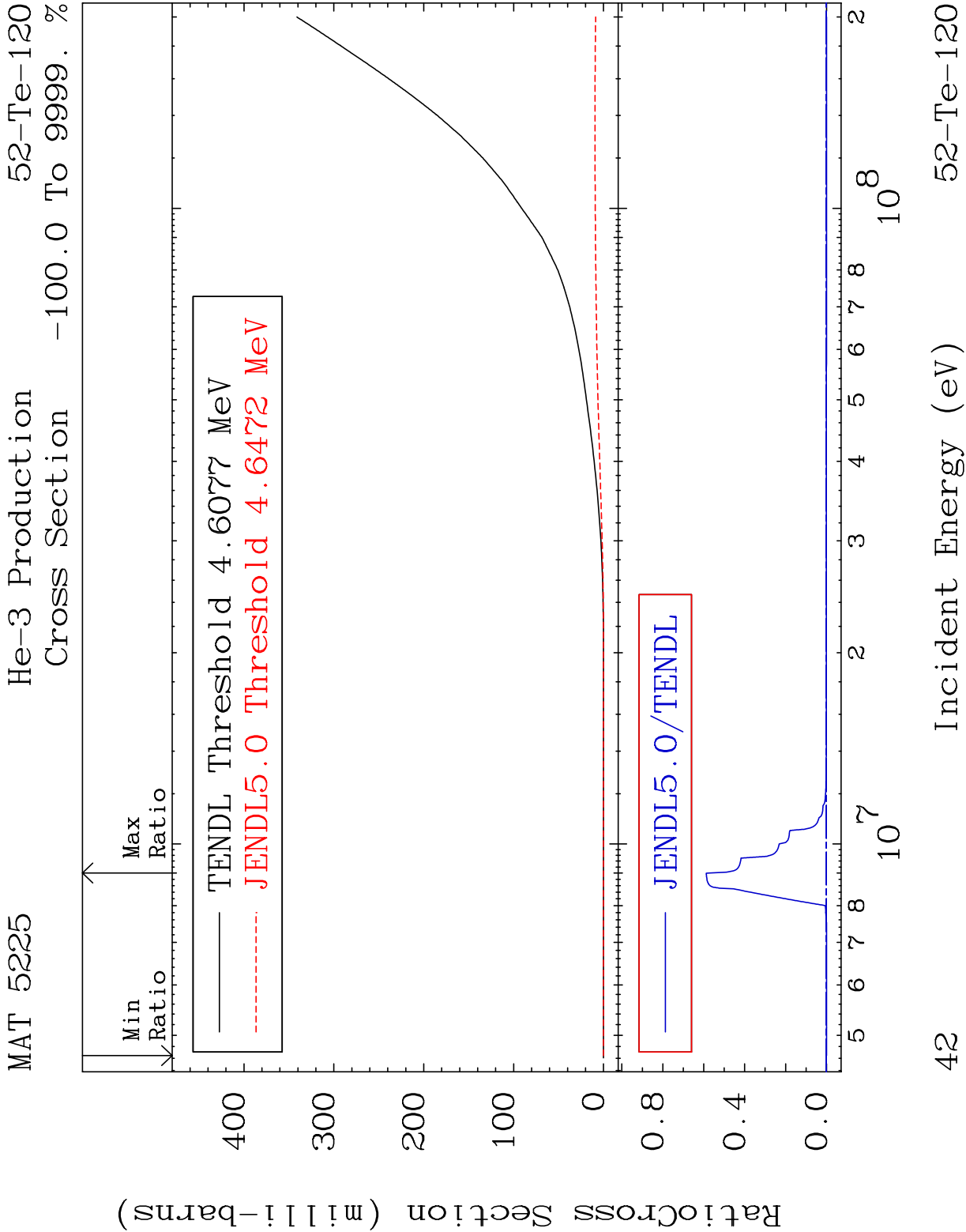


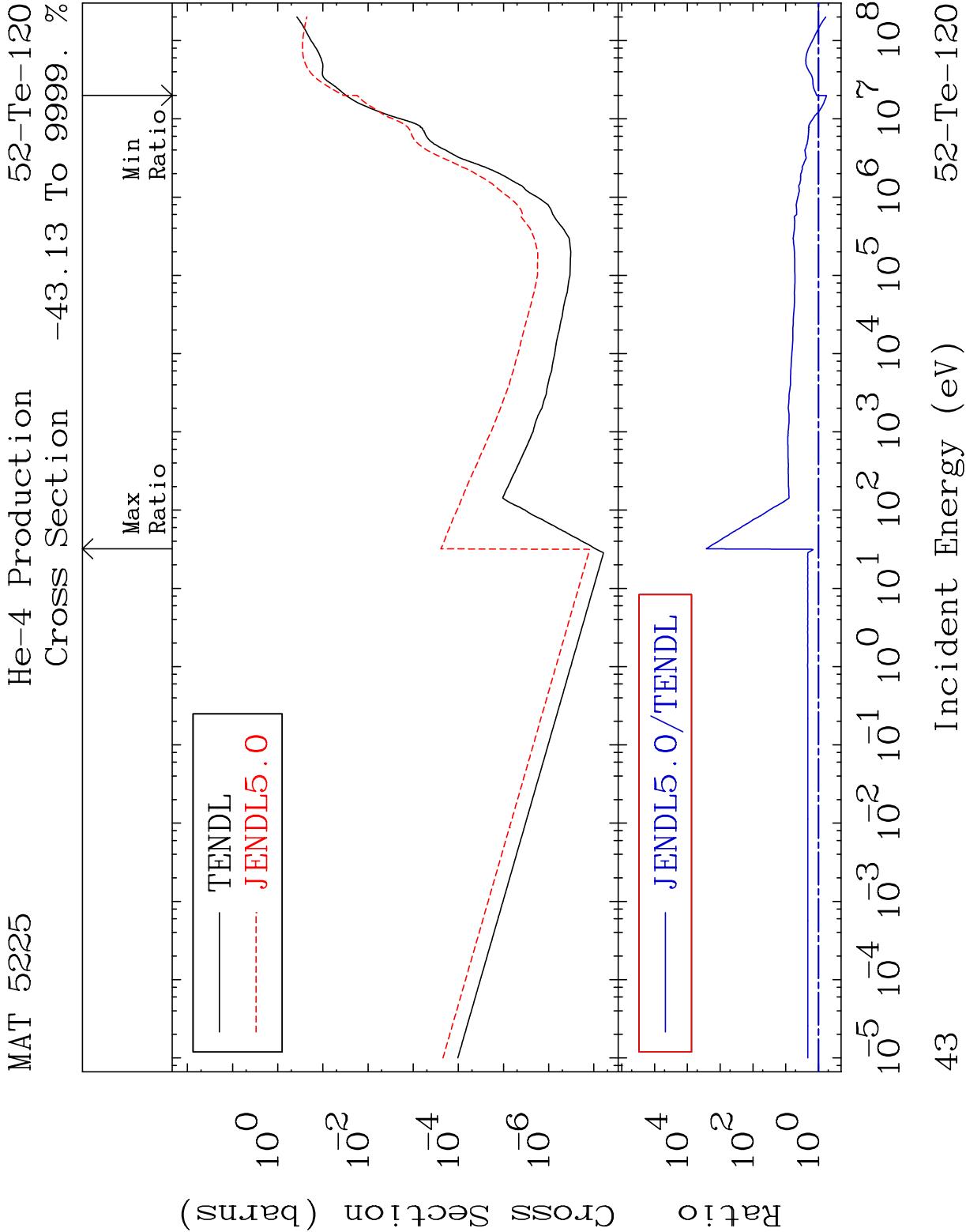
40 Incident Energy (eV) 52-Te-120

MAT 5225 Tritium Production 52-Te-120
Cross Section -100.0 To 9999. %

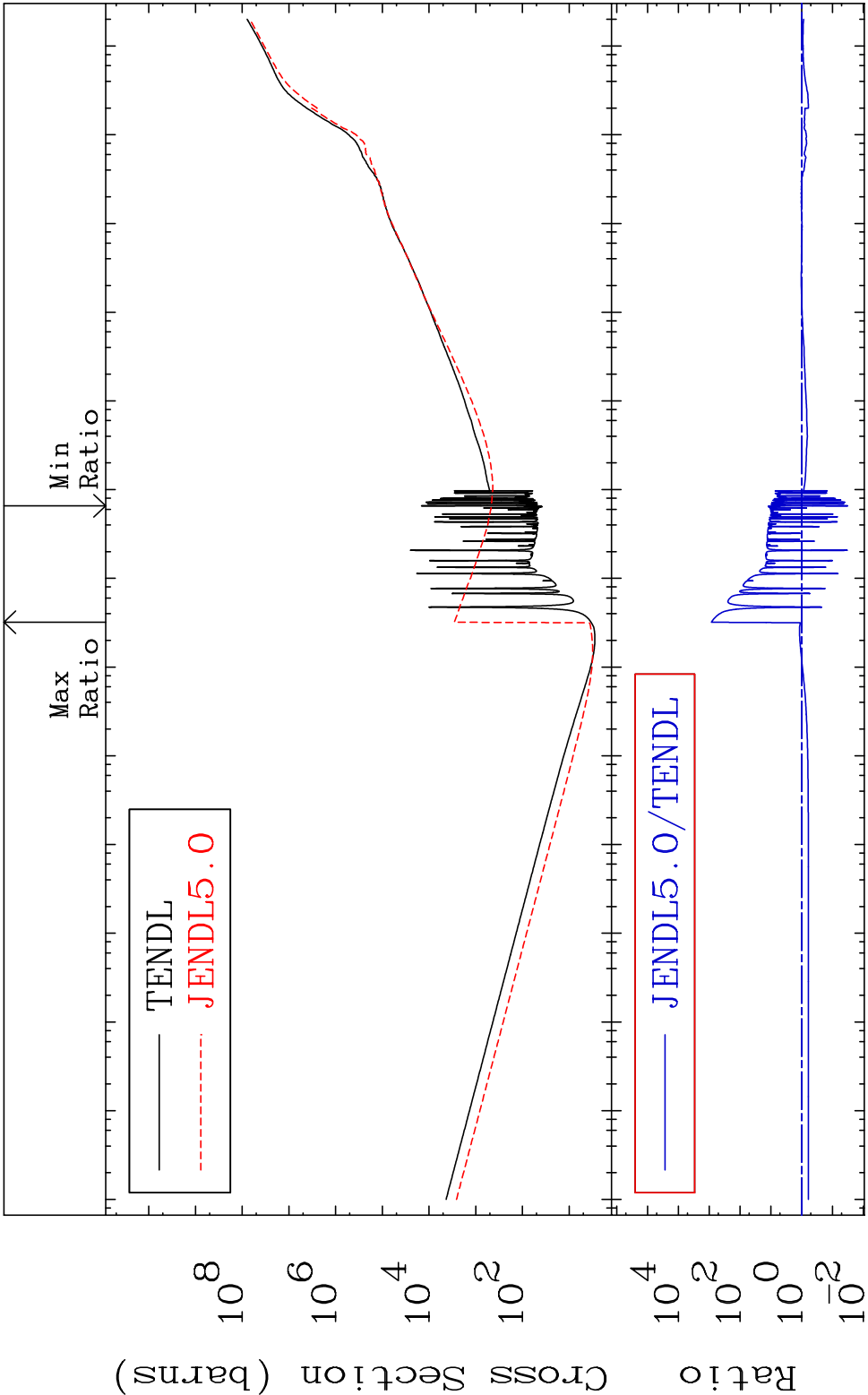


41 Incident Energy (eV) 52-Te-120





MAT 5225 Kerma total (eV-barns) 52-Te-120
Cross Section -96.82 To 9999. %

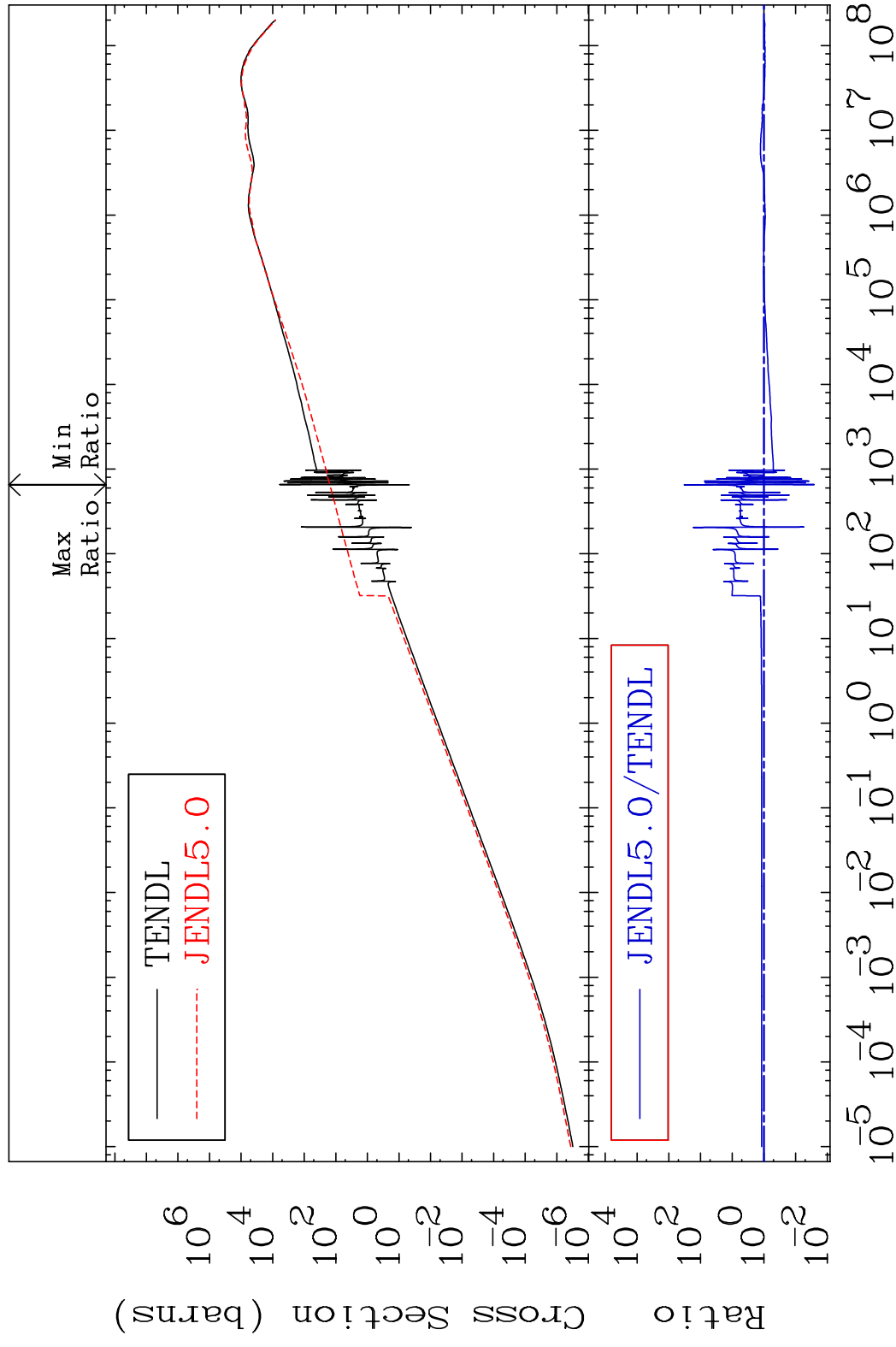


MAT 5225

Kerma elastic

52-Te-120

Cross Section -97.41 To 9999. %

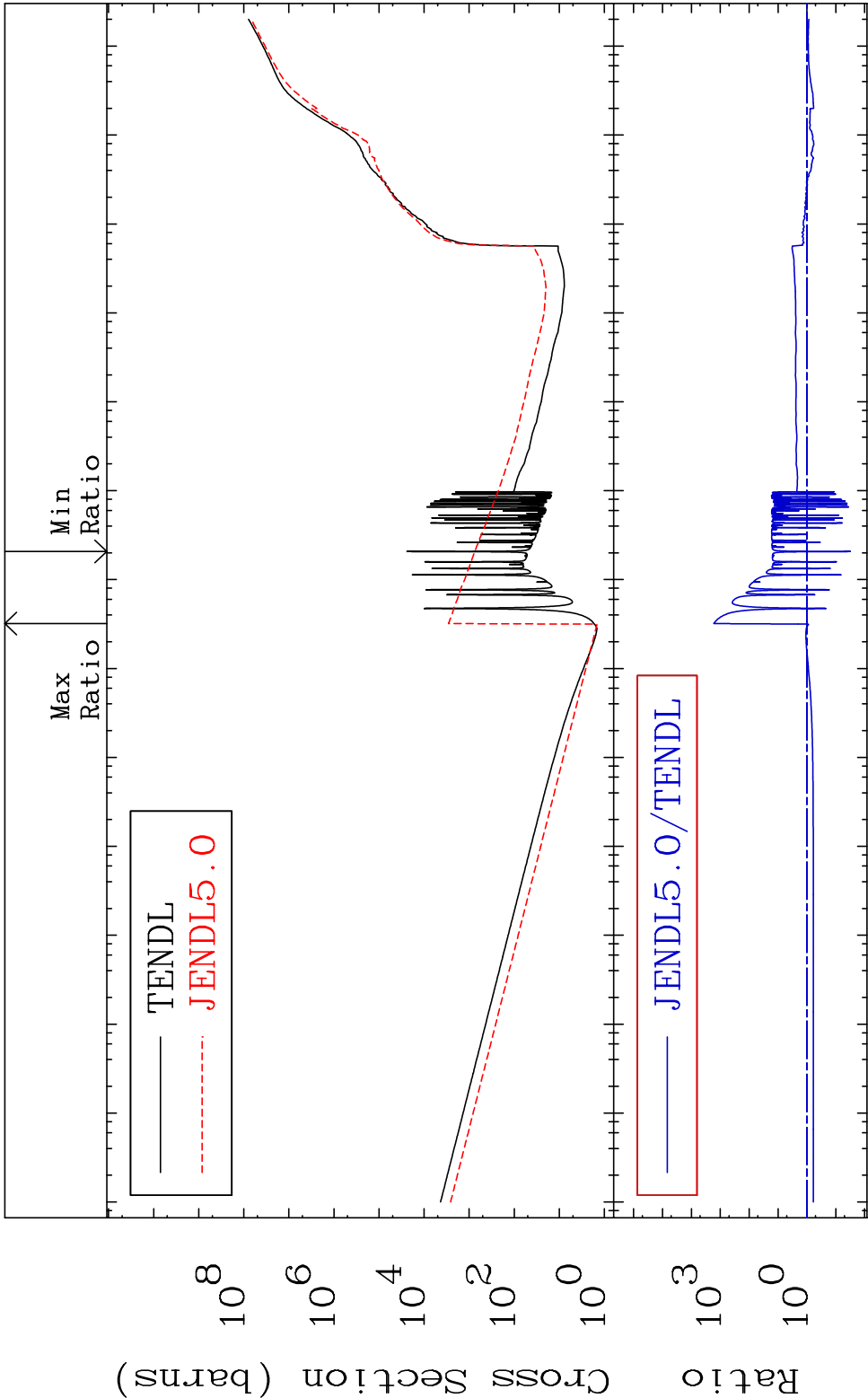


45

Incident Energy (eV)

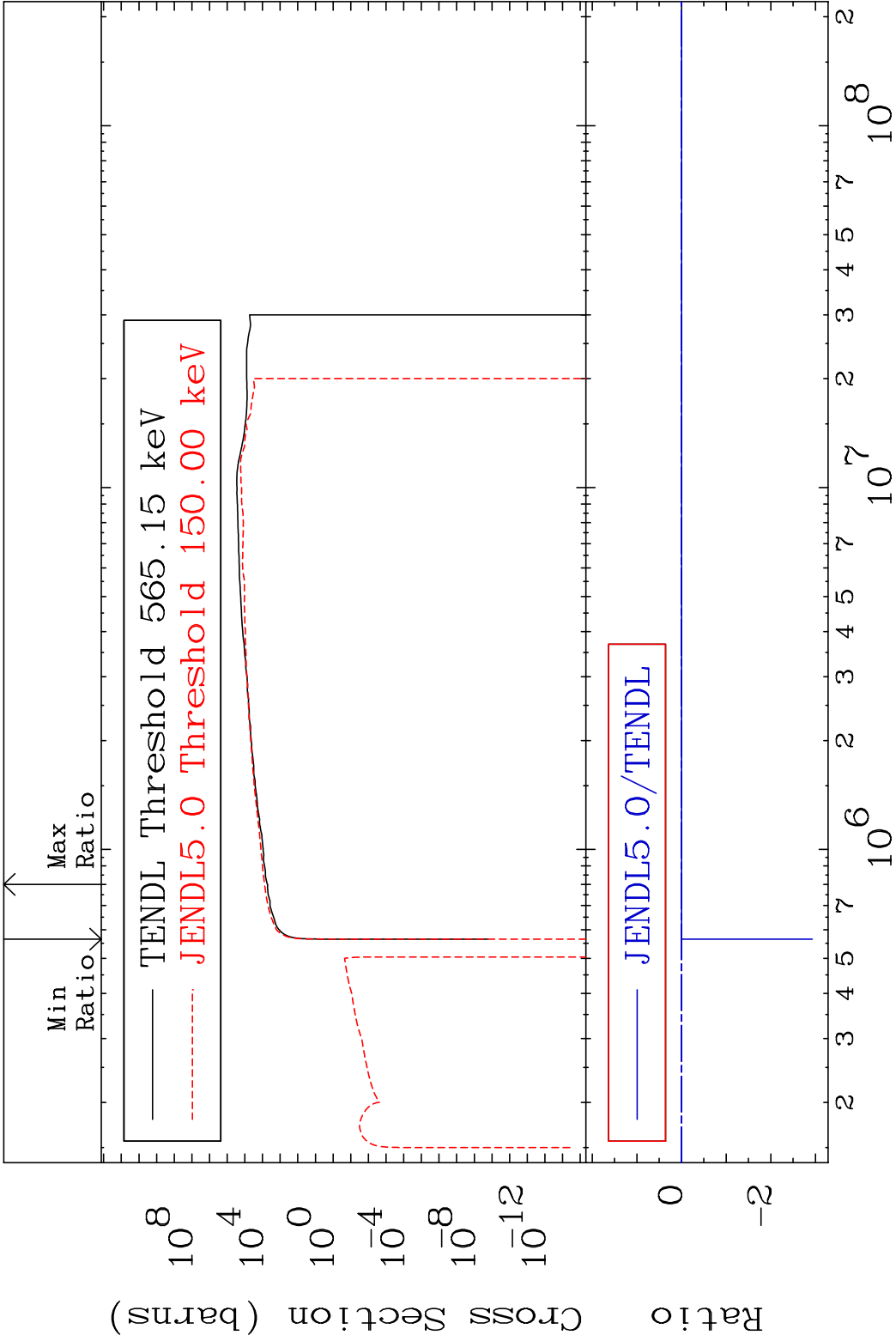
52-Te-120

MAT 5225 Kerma non-elastic (all but mt2) 52-Te-120
Cross Section -96.88 To 9999. %

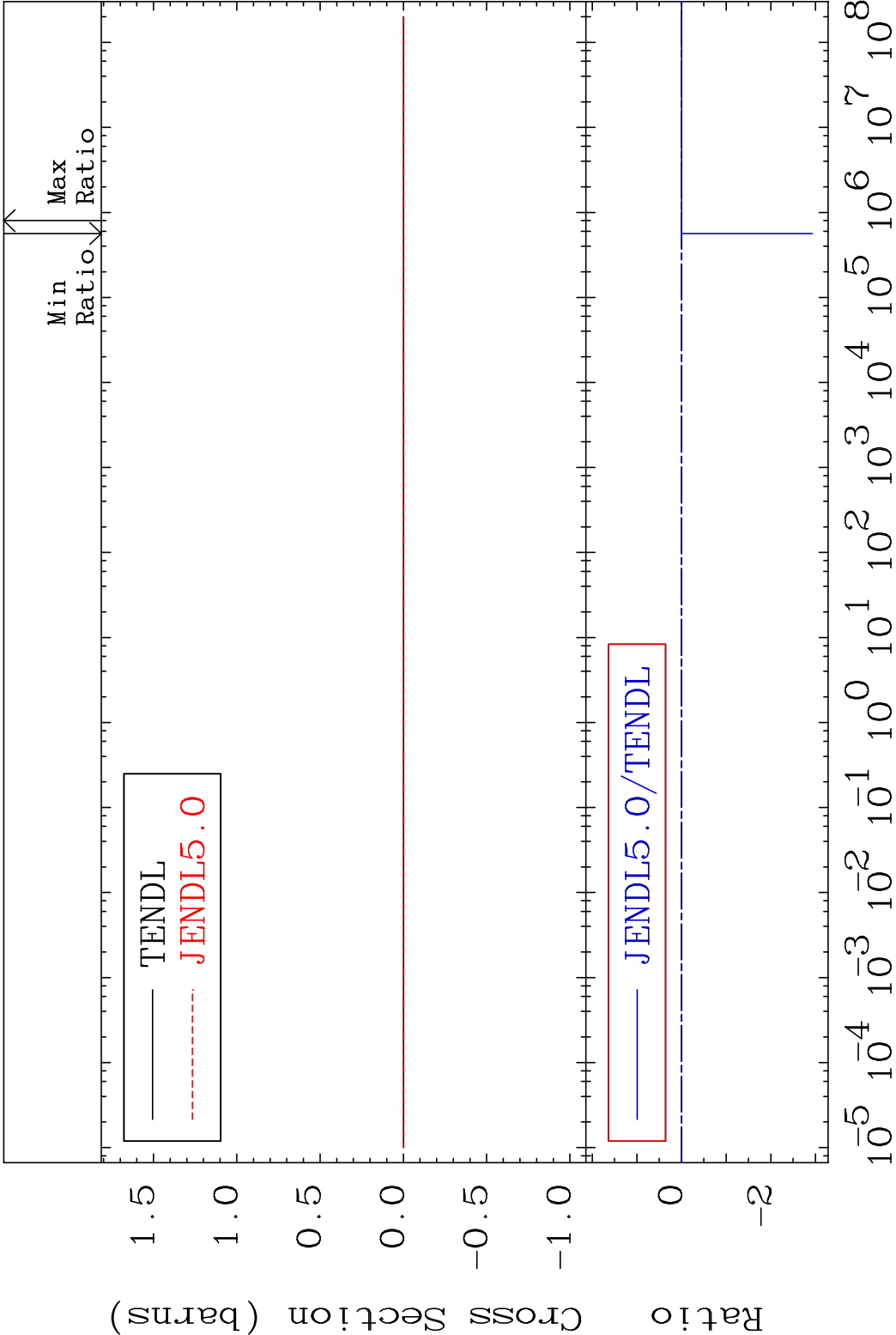


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

46 Incident Energy (eV) 52-Te-120

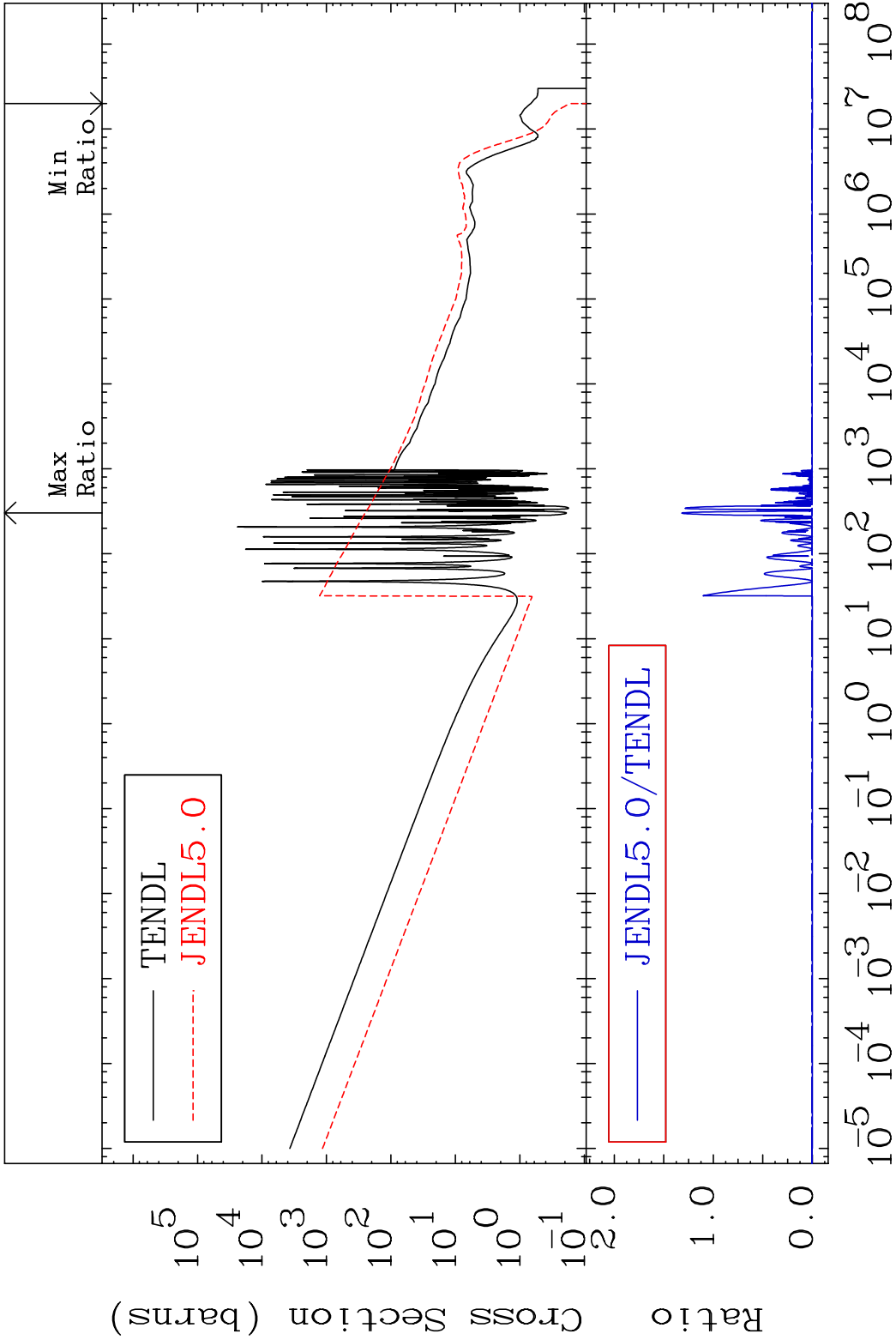


MAT 5225 Kerma fission (mt18 or mt19-20-21-38)52-Te-120
Cross Section -9999. To 49.66 %



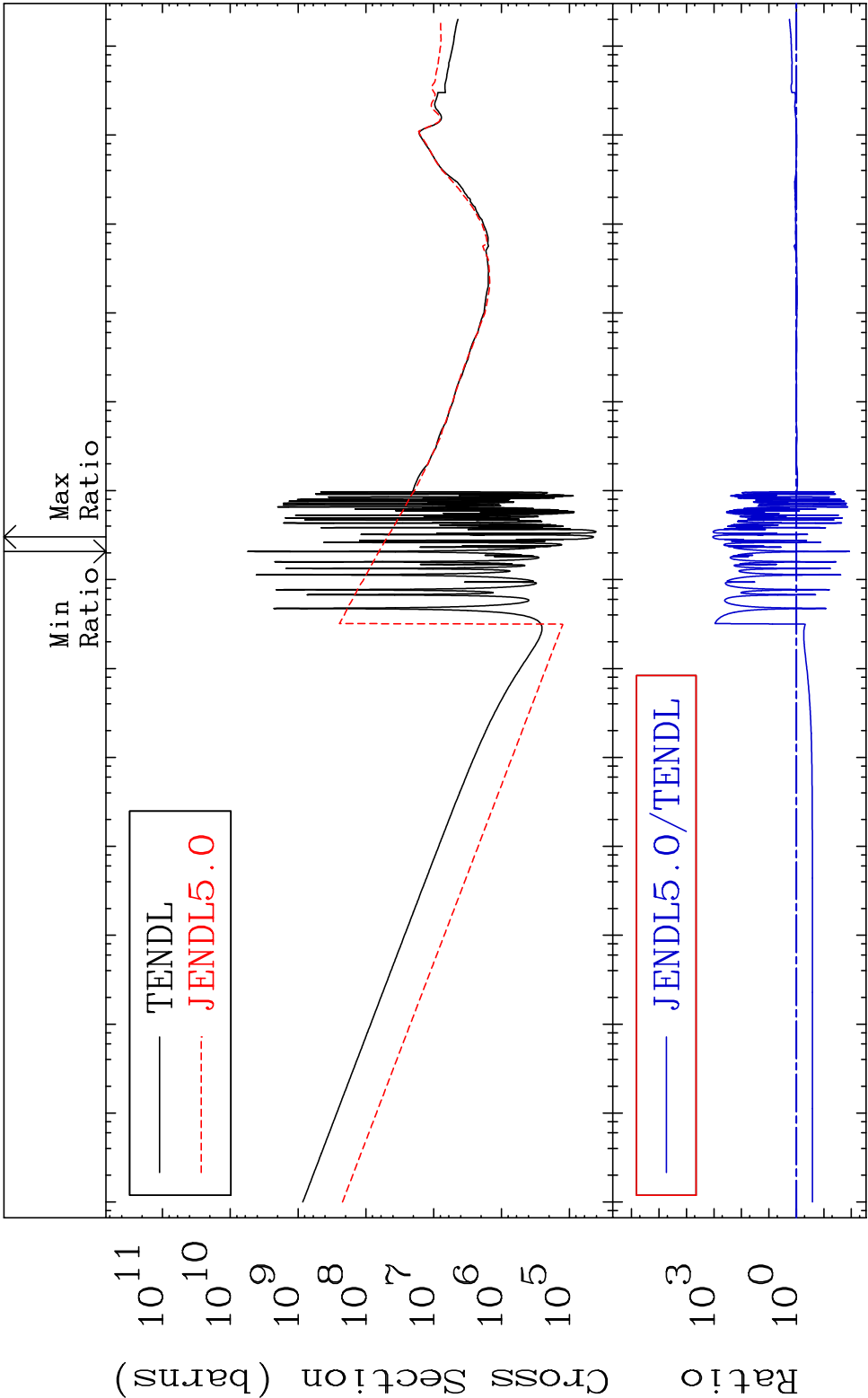
48 Incident Energy (eV) 52-Te-120

MAT 5225 Kerma capture (mt102) 52-Te-120
Cross Section -100.0 To 9999. %



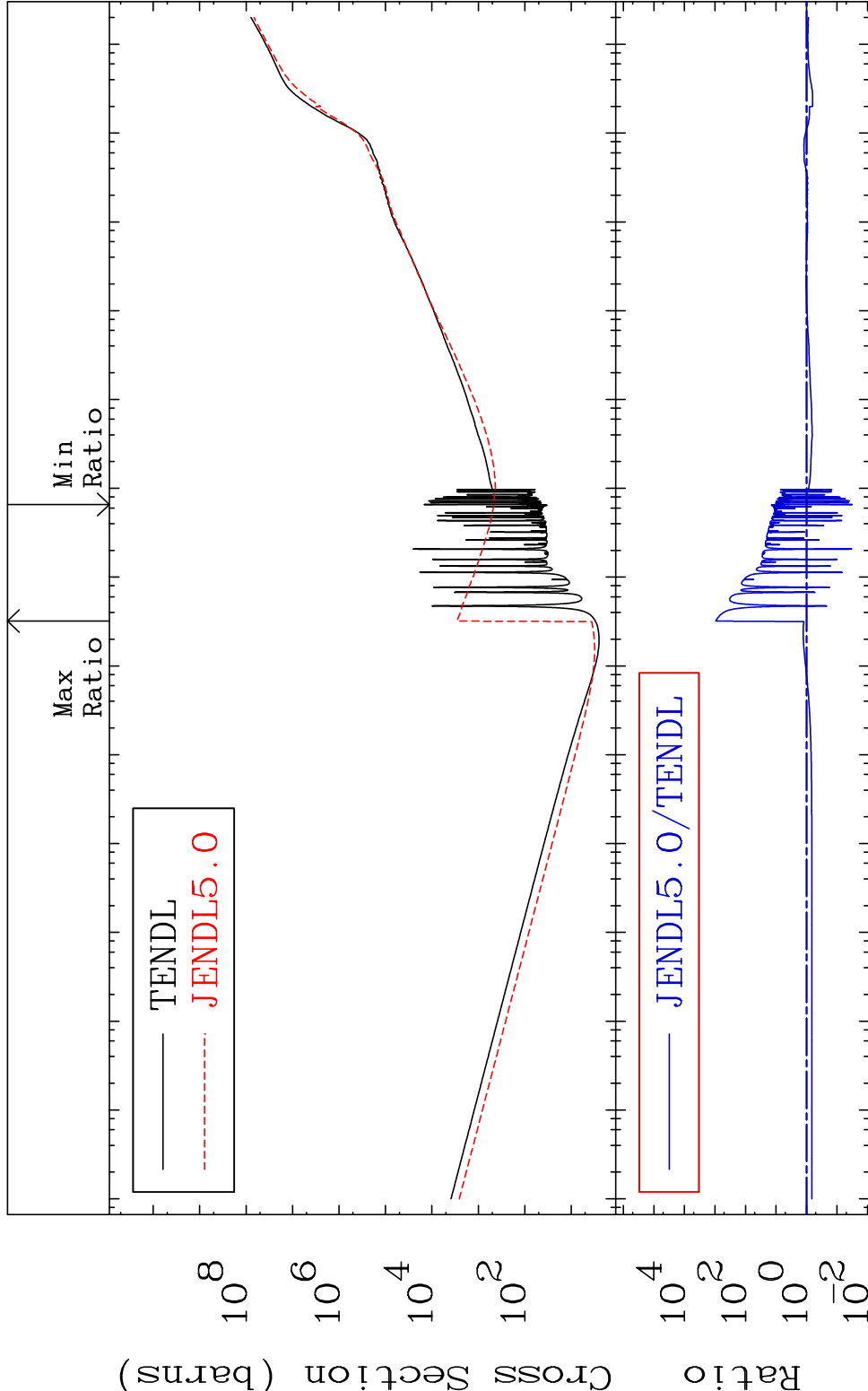
49 Incident Energy (eV) 52-Te-120

MAT 5225 Total photon (eV-barns) 52-Te-120
Cross Section -98.84 To 9999. %

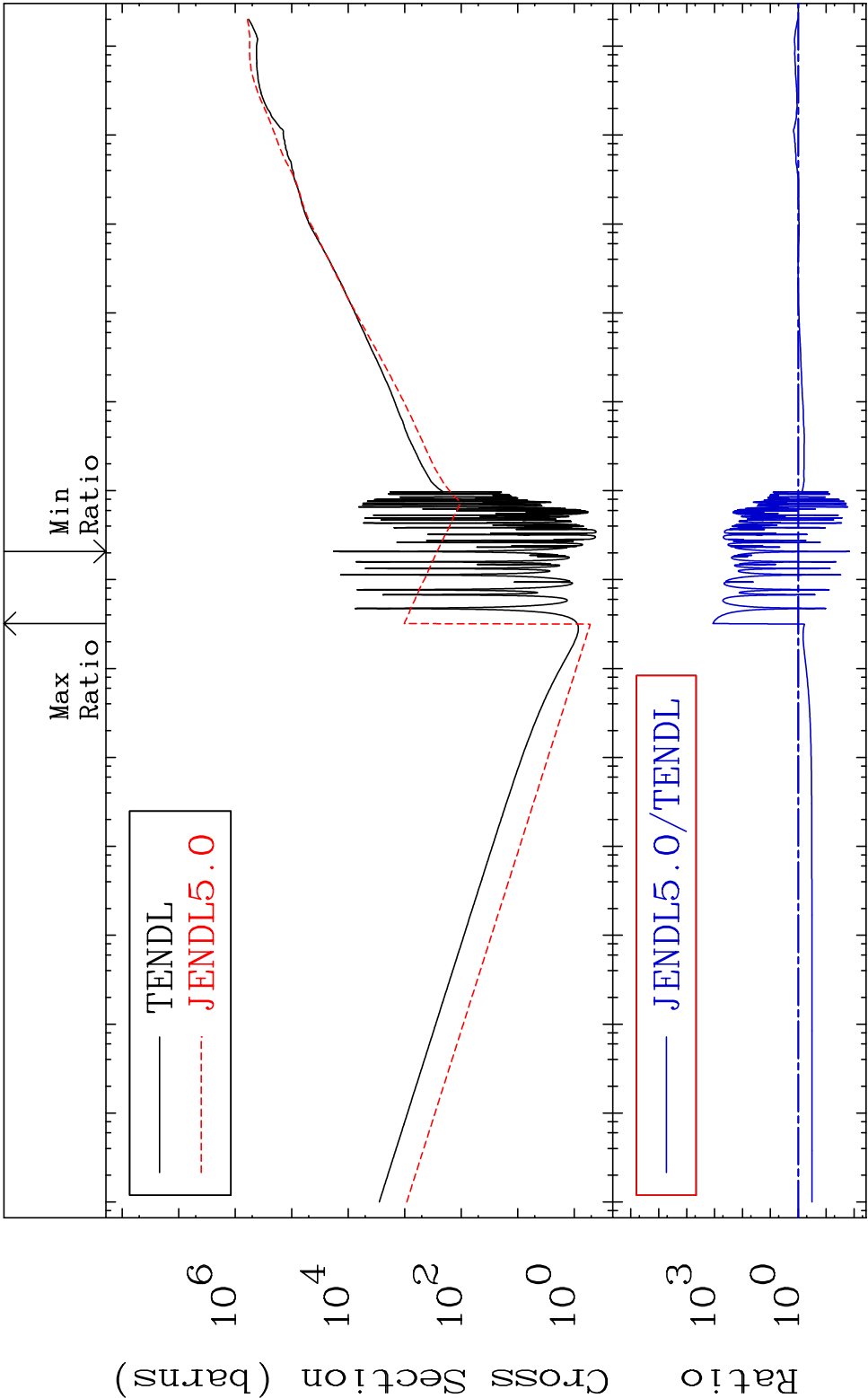


50 Incident Energy (eV) 52-Te-120

MAT 5225 Total kinematic kerma (high limit) 52-Te-120
Cross Section -96.82 To 9999. %

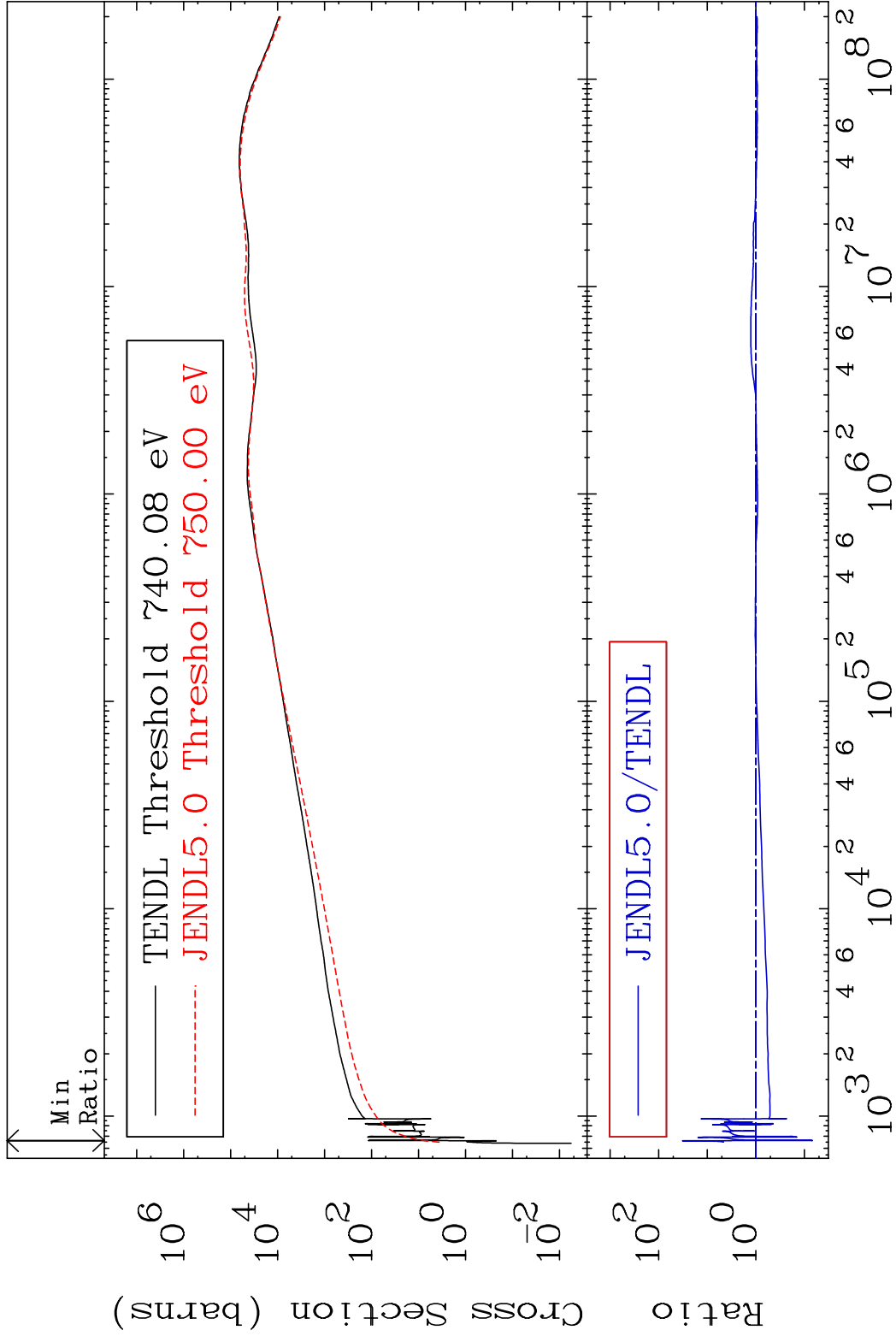


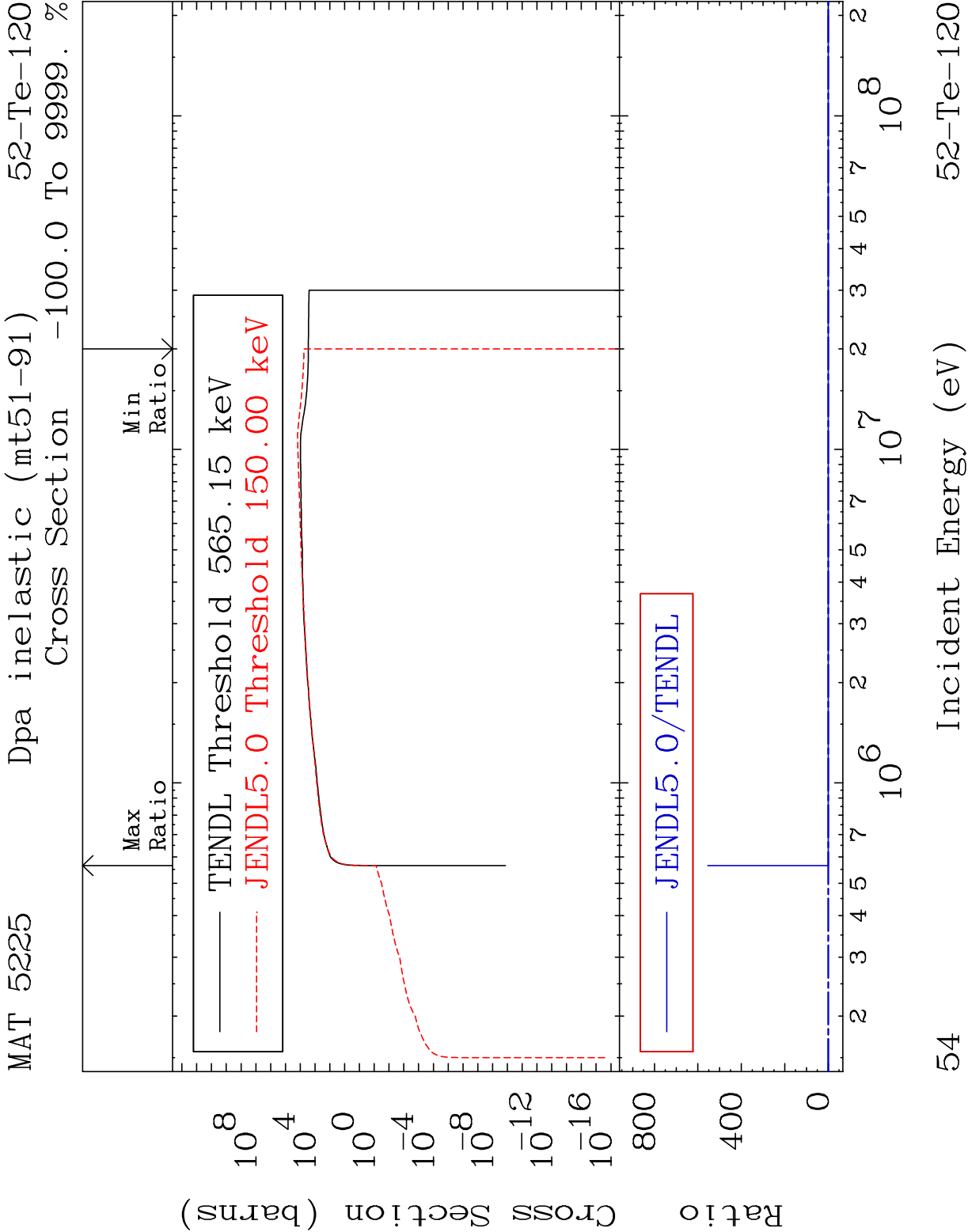
MAT 5225 Dpa total (eV-barns) 52-Te-120
Cross Section -98.54 To 9999. %



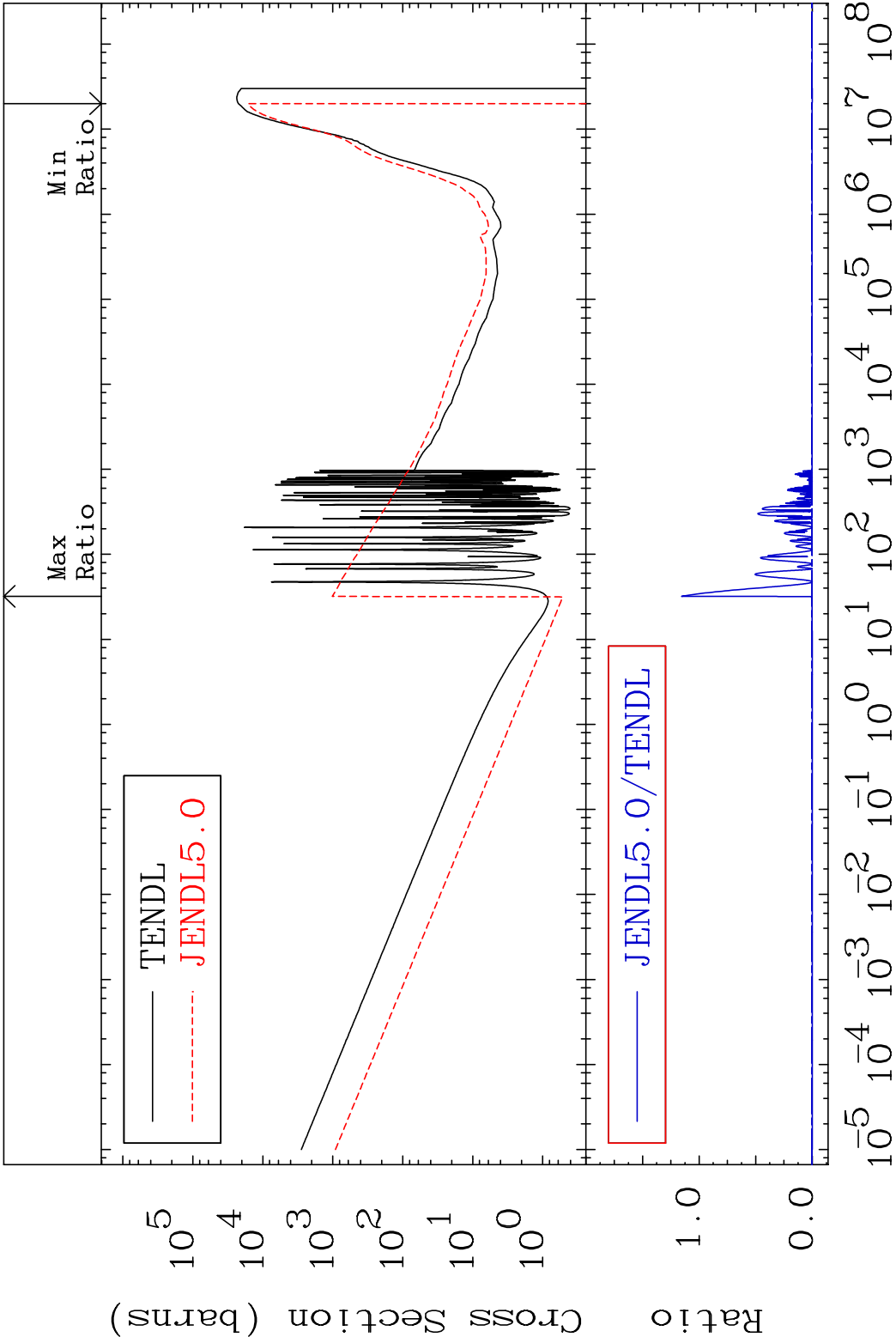
52 Incident Energy (eV) 52-Te-120

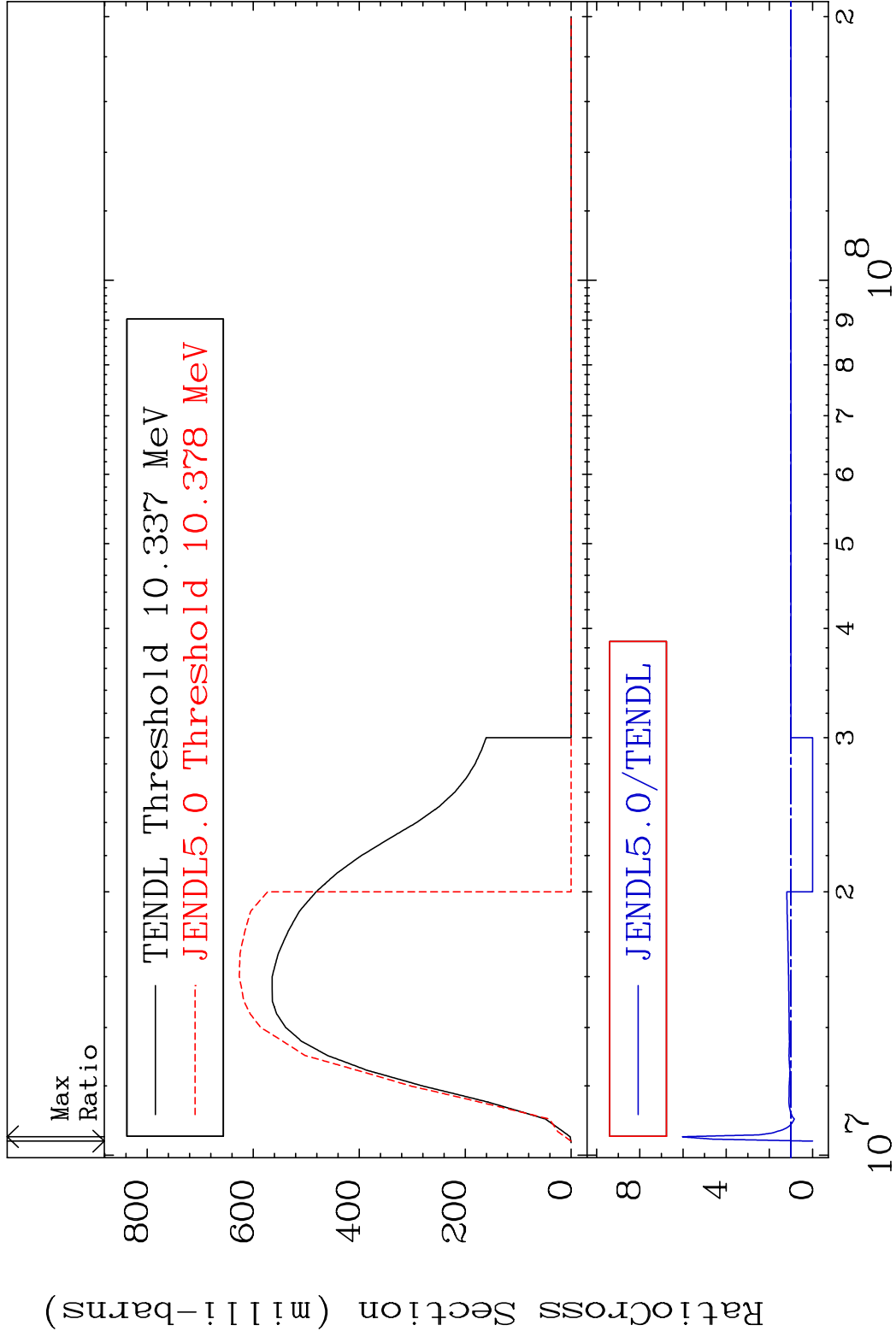
MAT 5225 Dpa elastic (mt2) 52-Te-120
Cross Section -93.21 To 3151. %

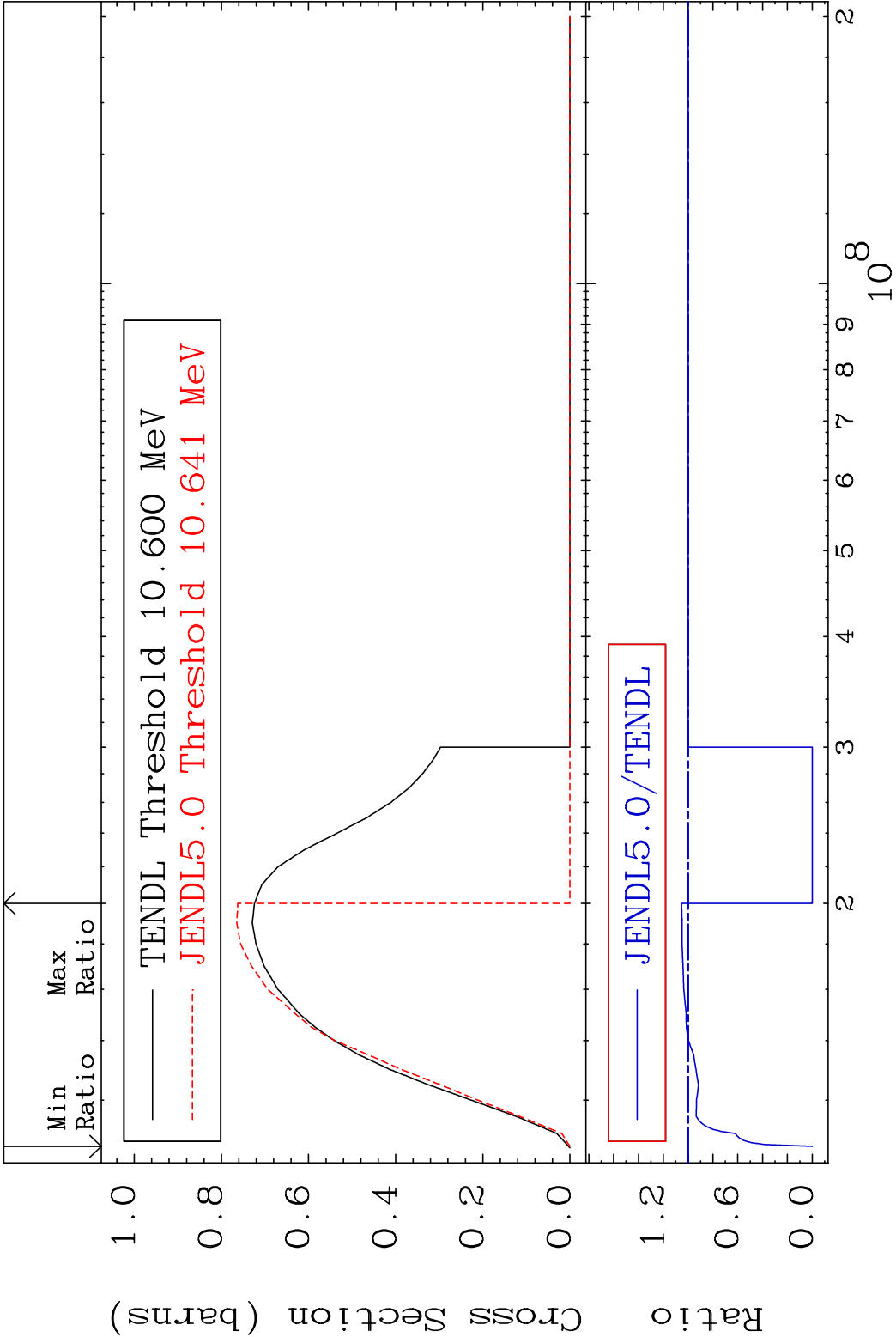


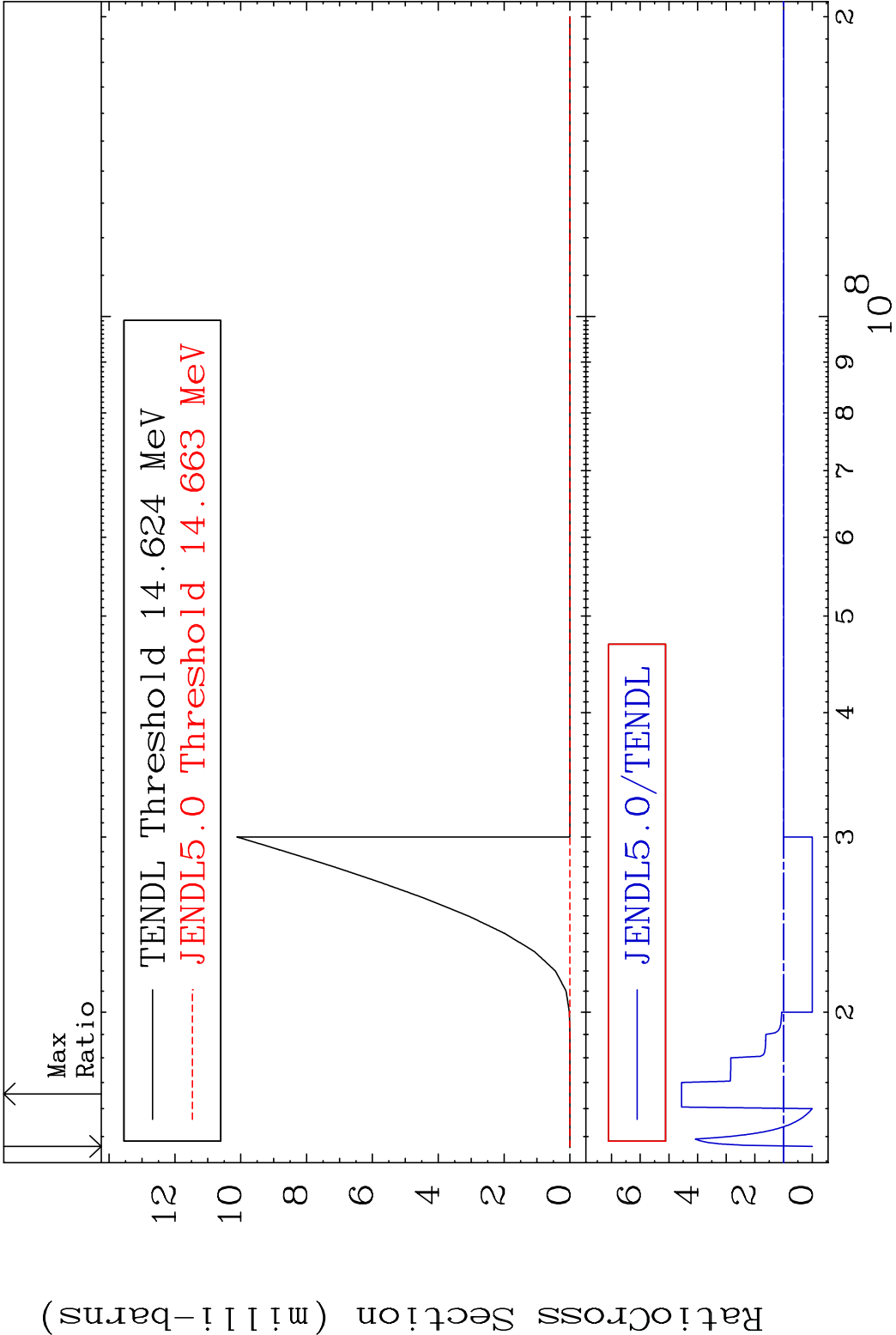


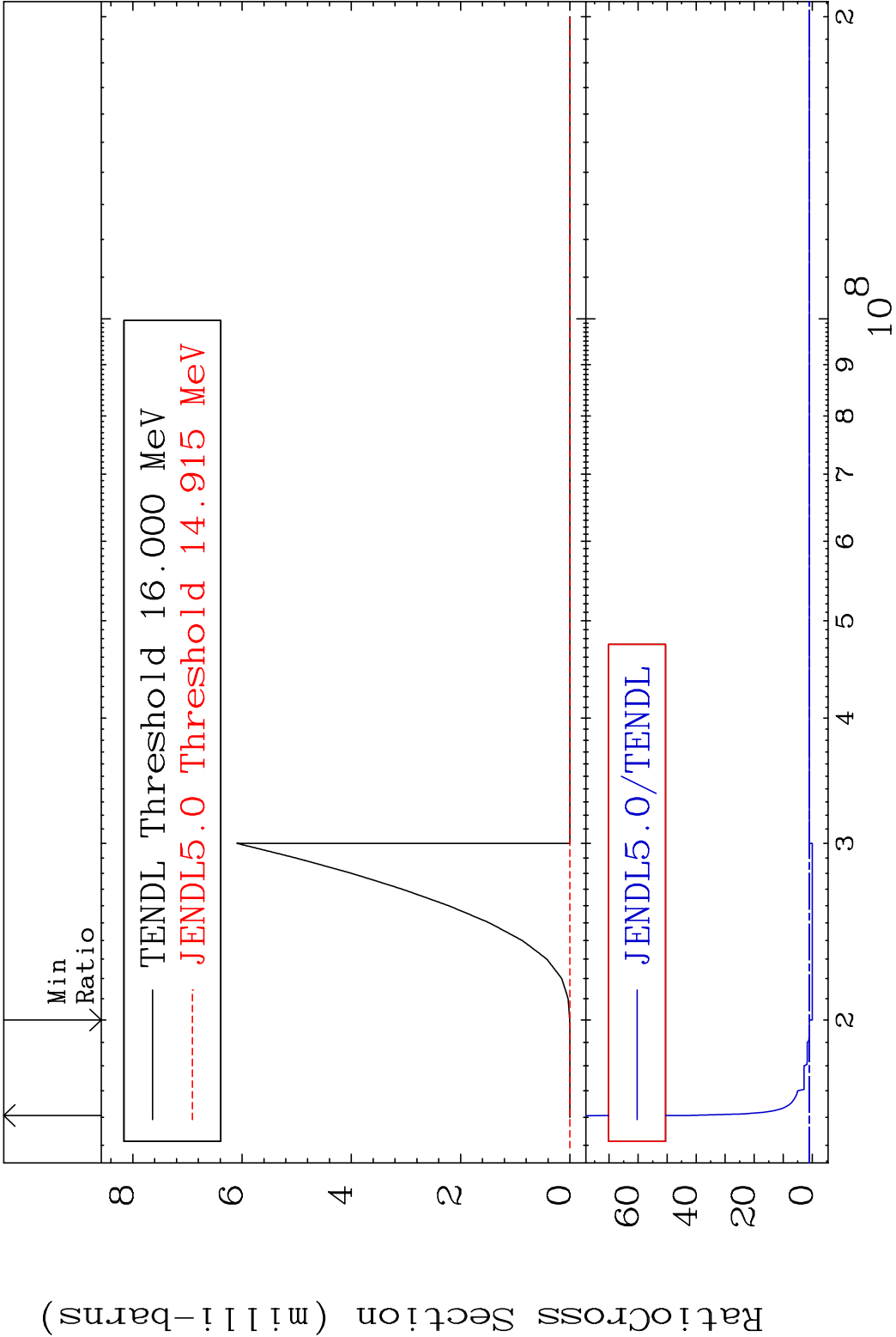
MAT 5225 Dpa disappearance (mt102 -120) 52-Te-120
Cross Section -100.0 To 9999. %

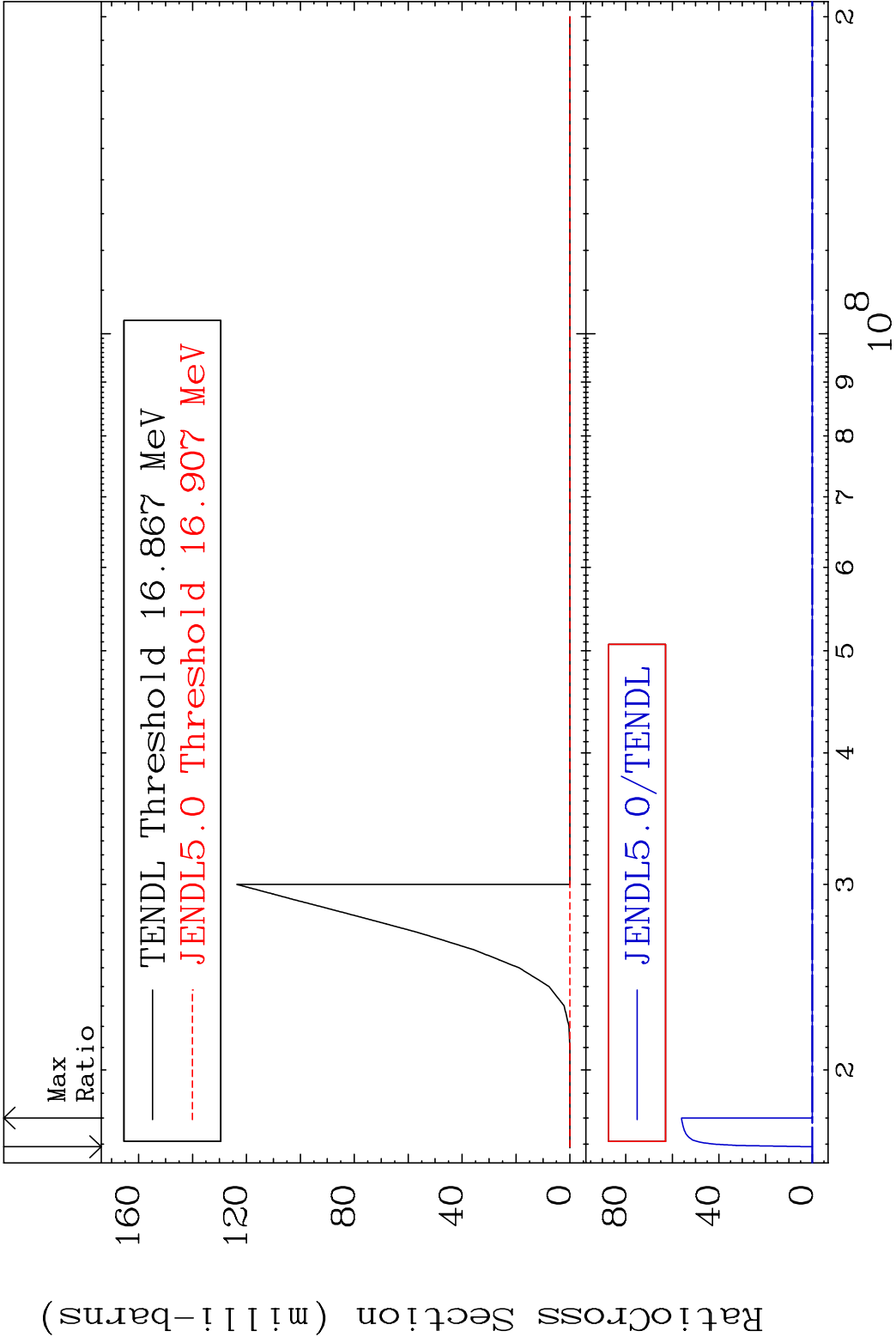




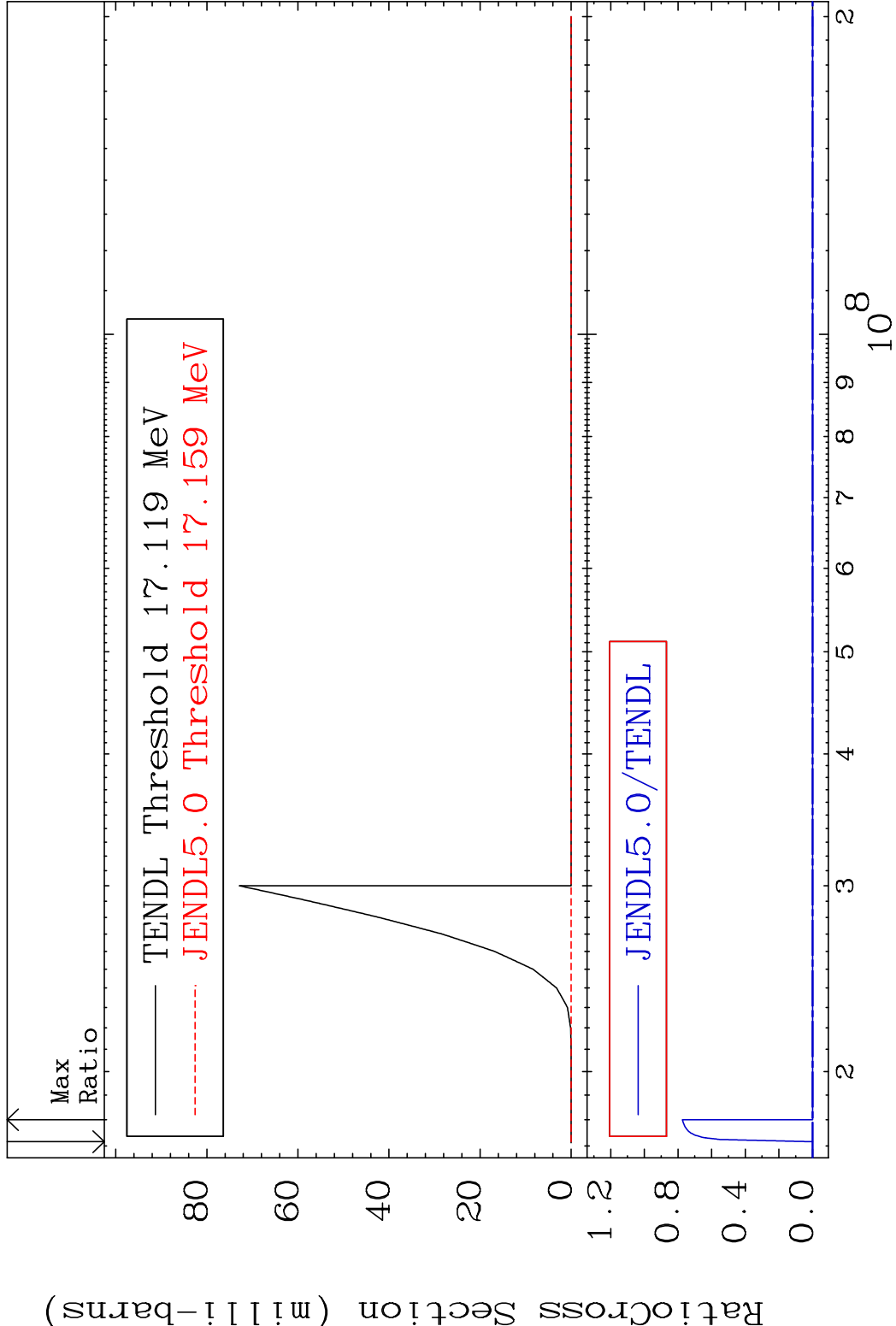


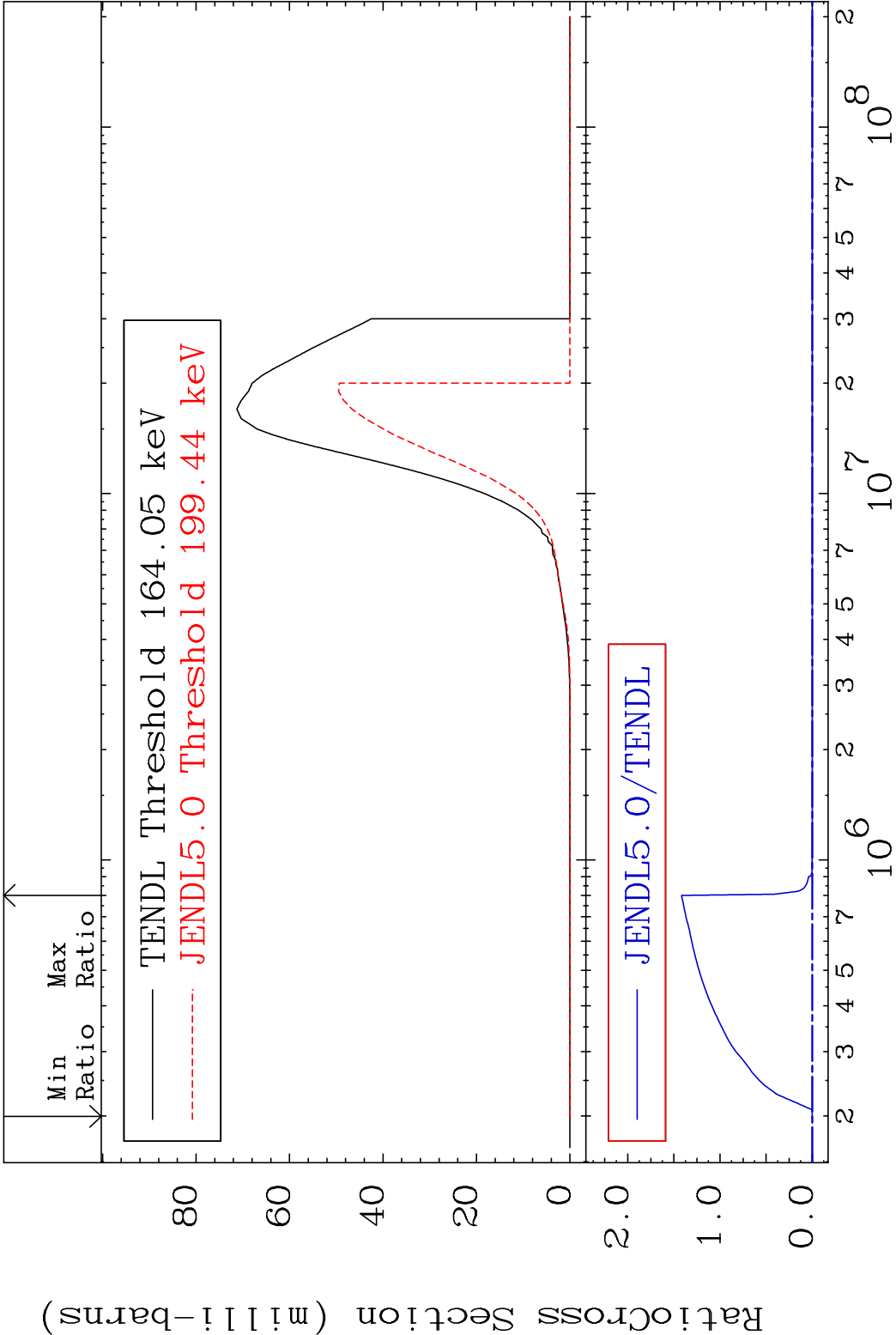


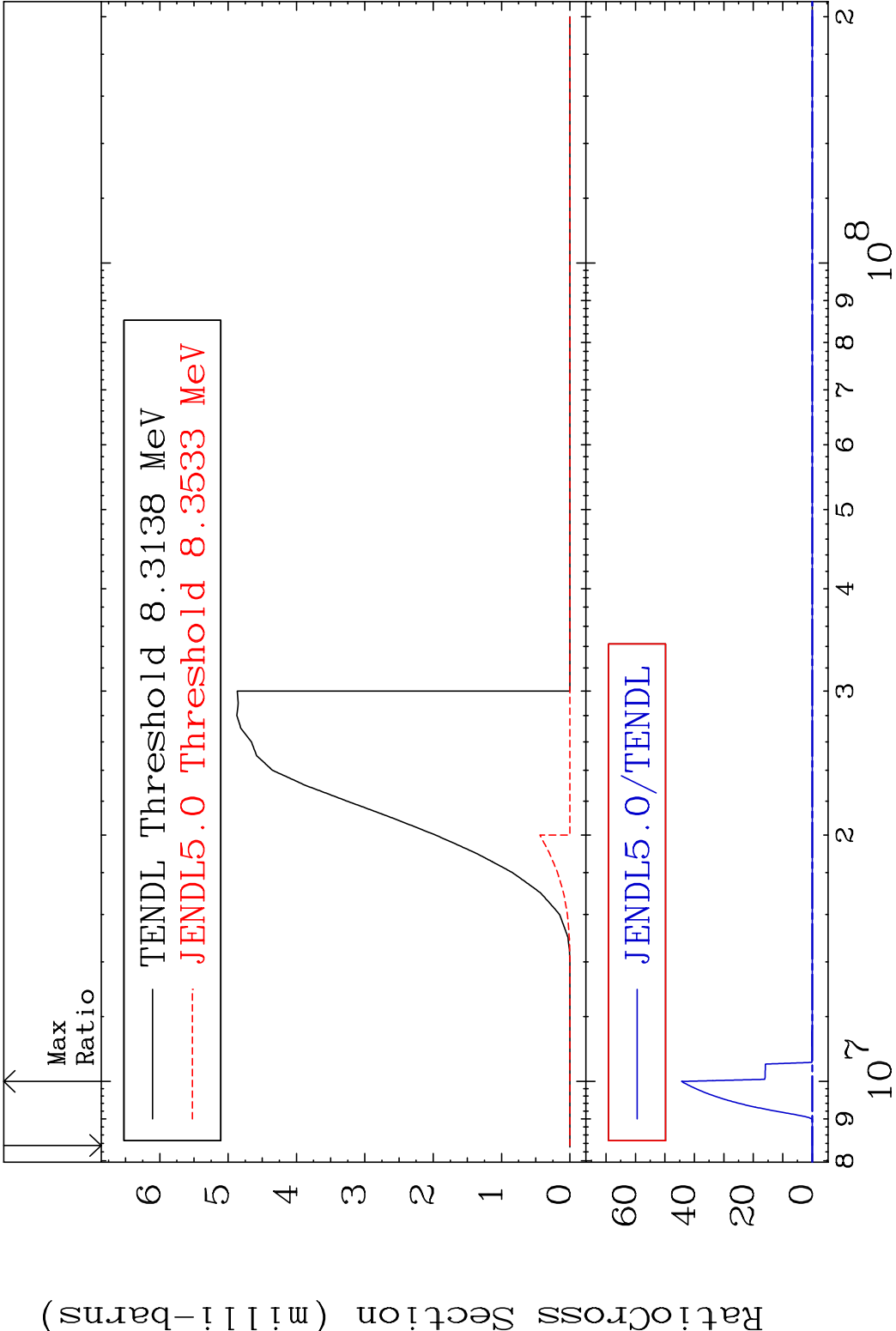


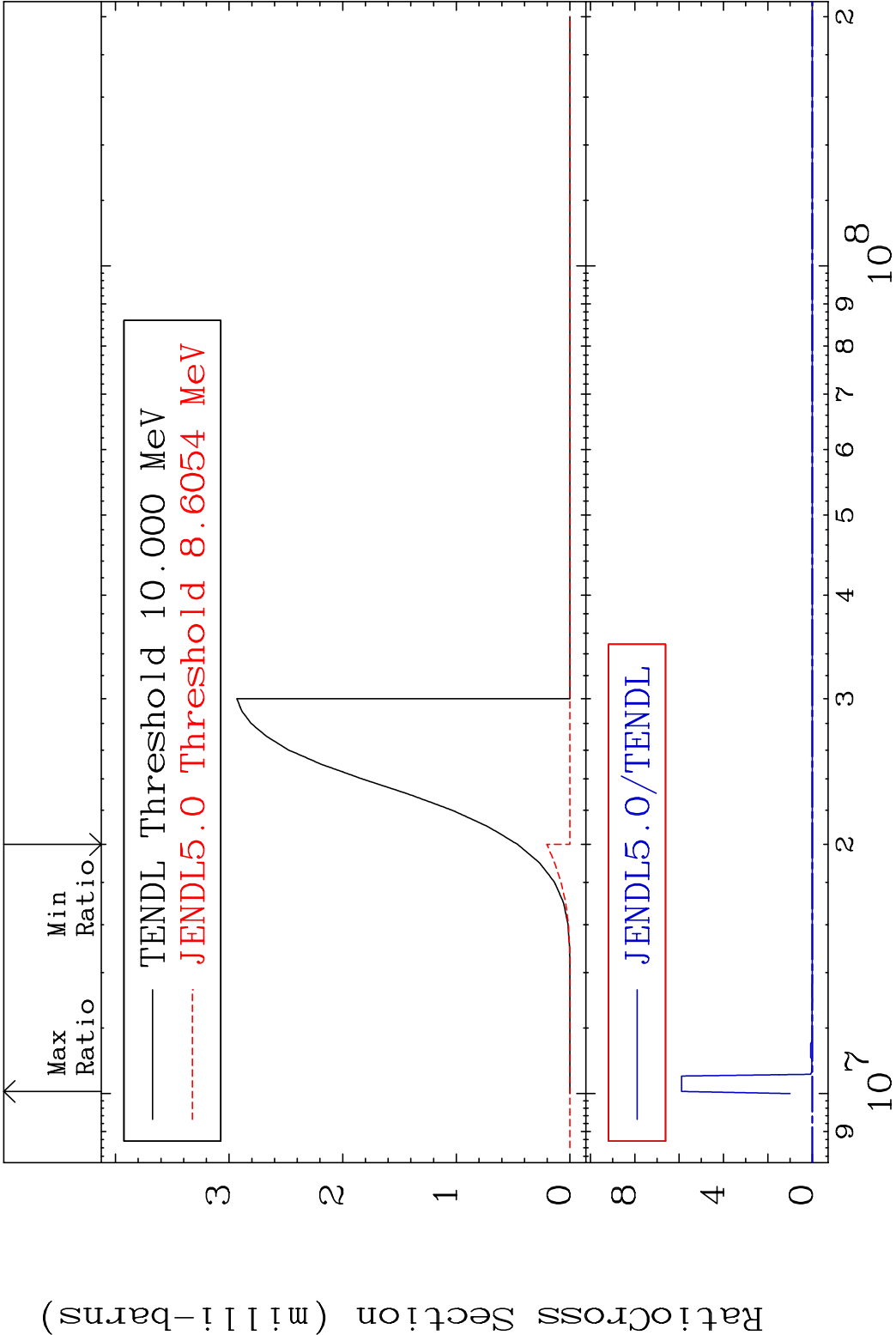


Radionuclide Production Cross Section (mb) to 9999. %

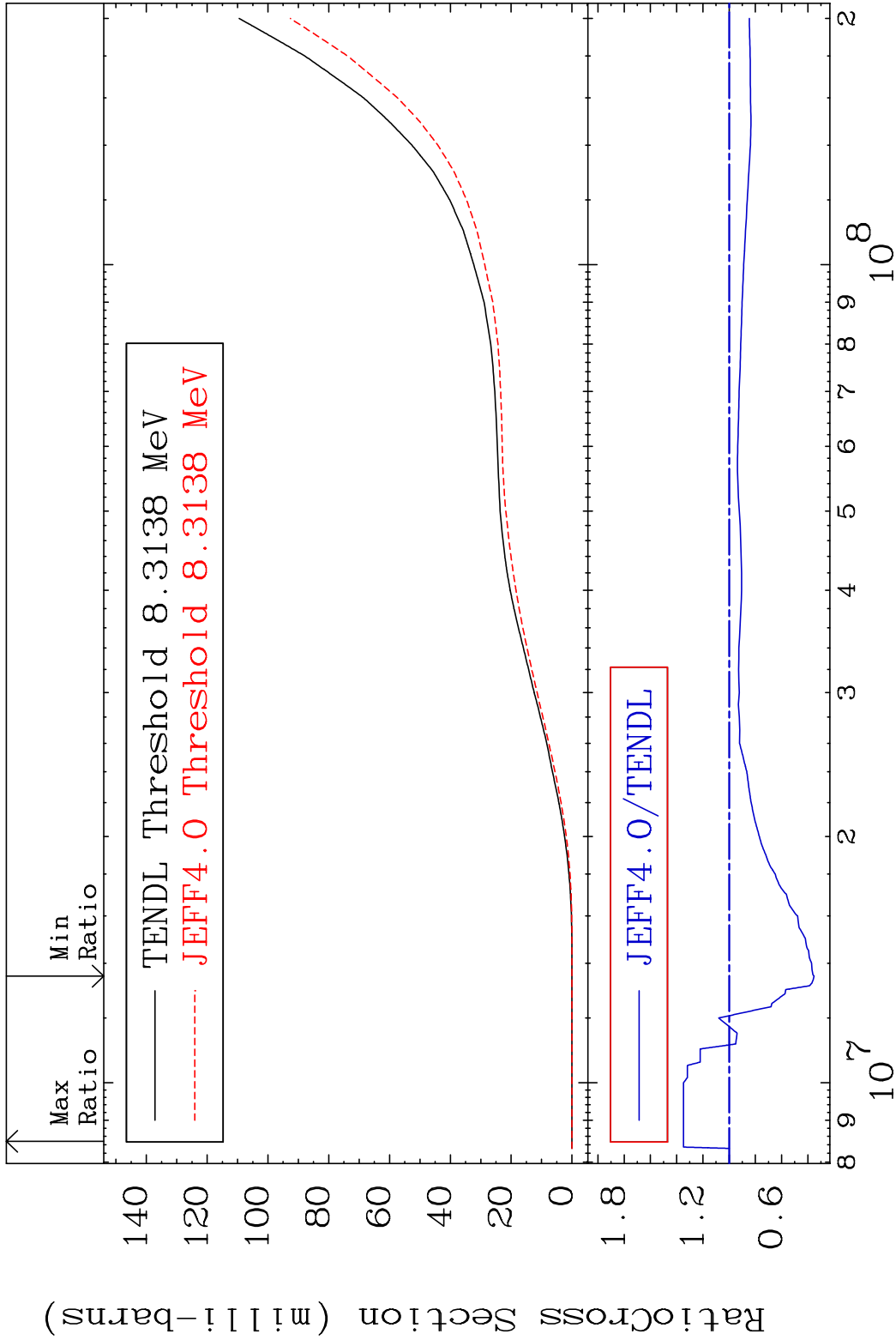


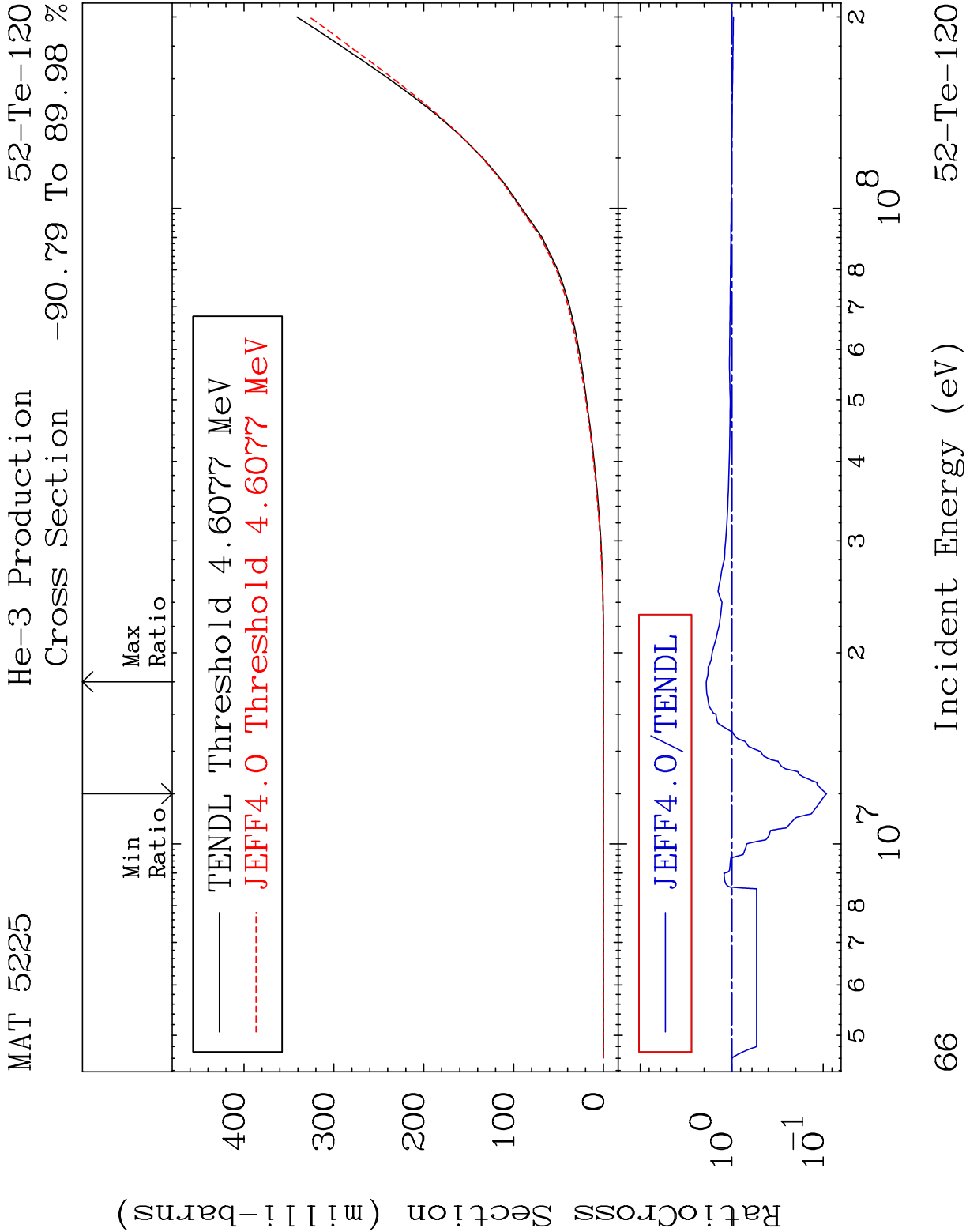


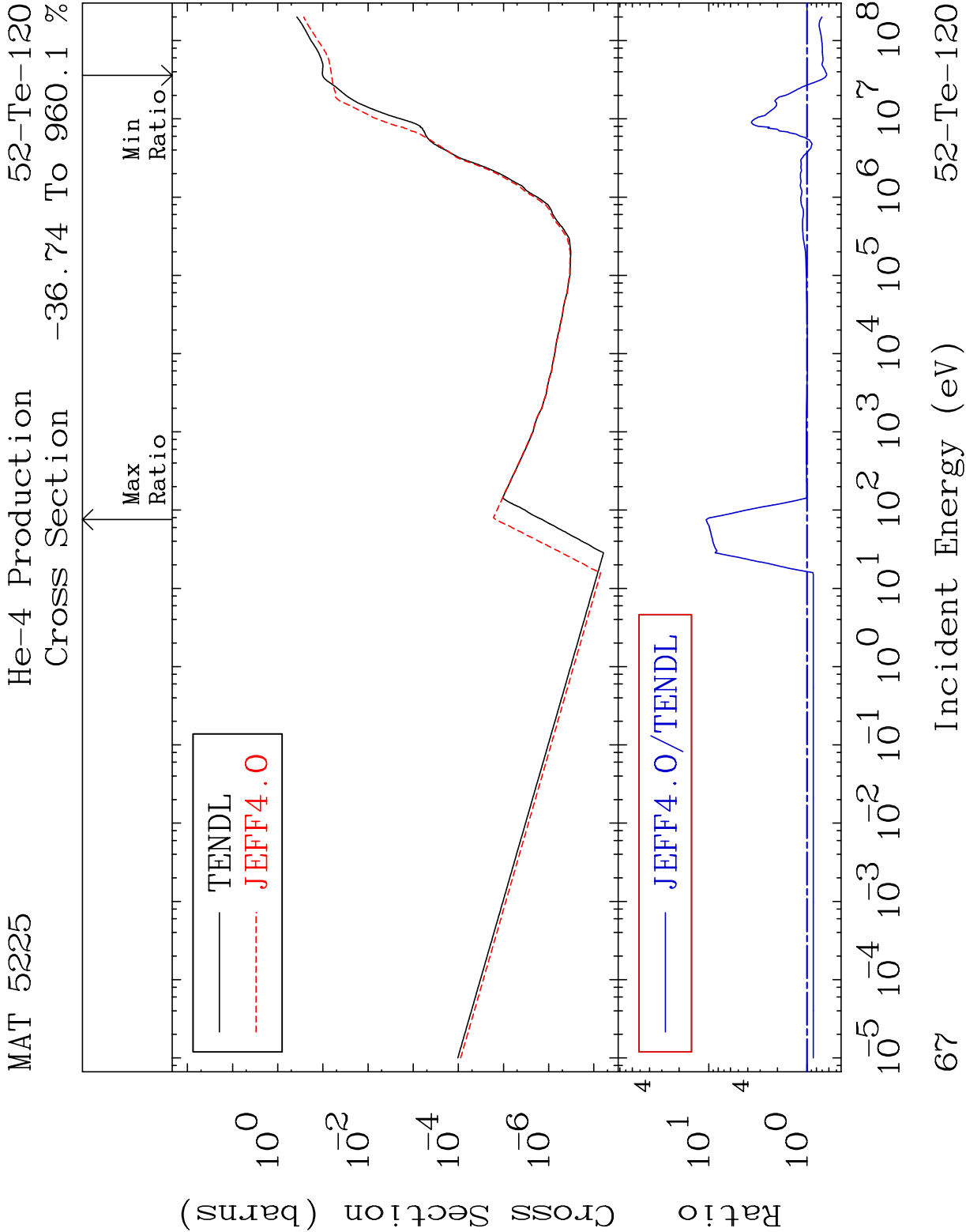




MAT 5225 Tritium Production 52-Te-120
Cross Section -64.69 To 34.82 %







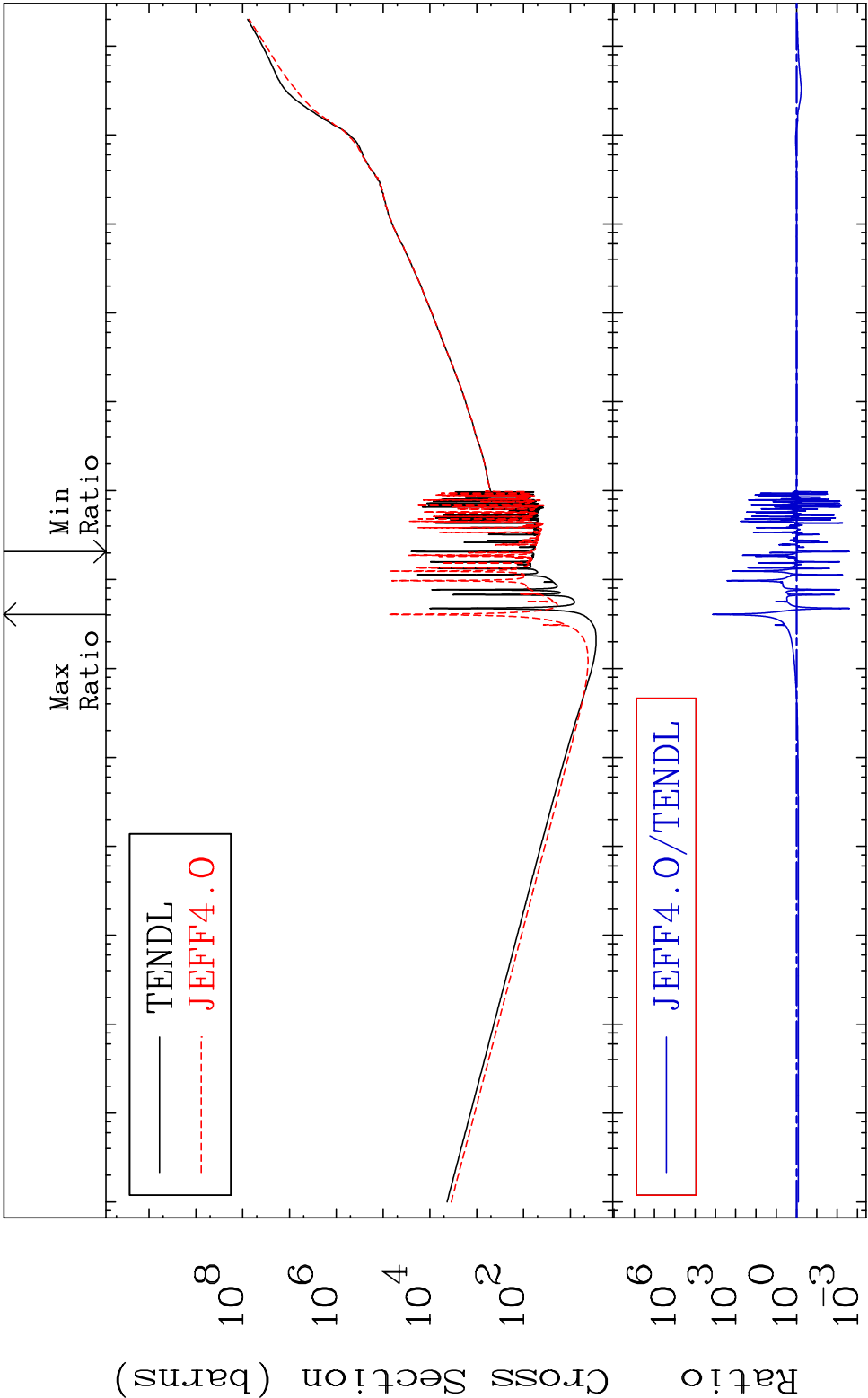
MAT 5225

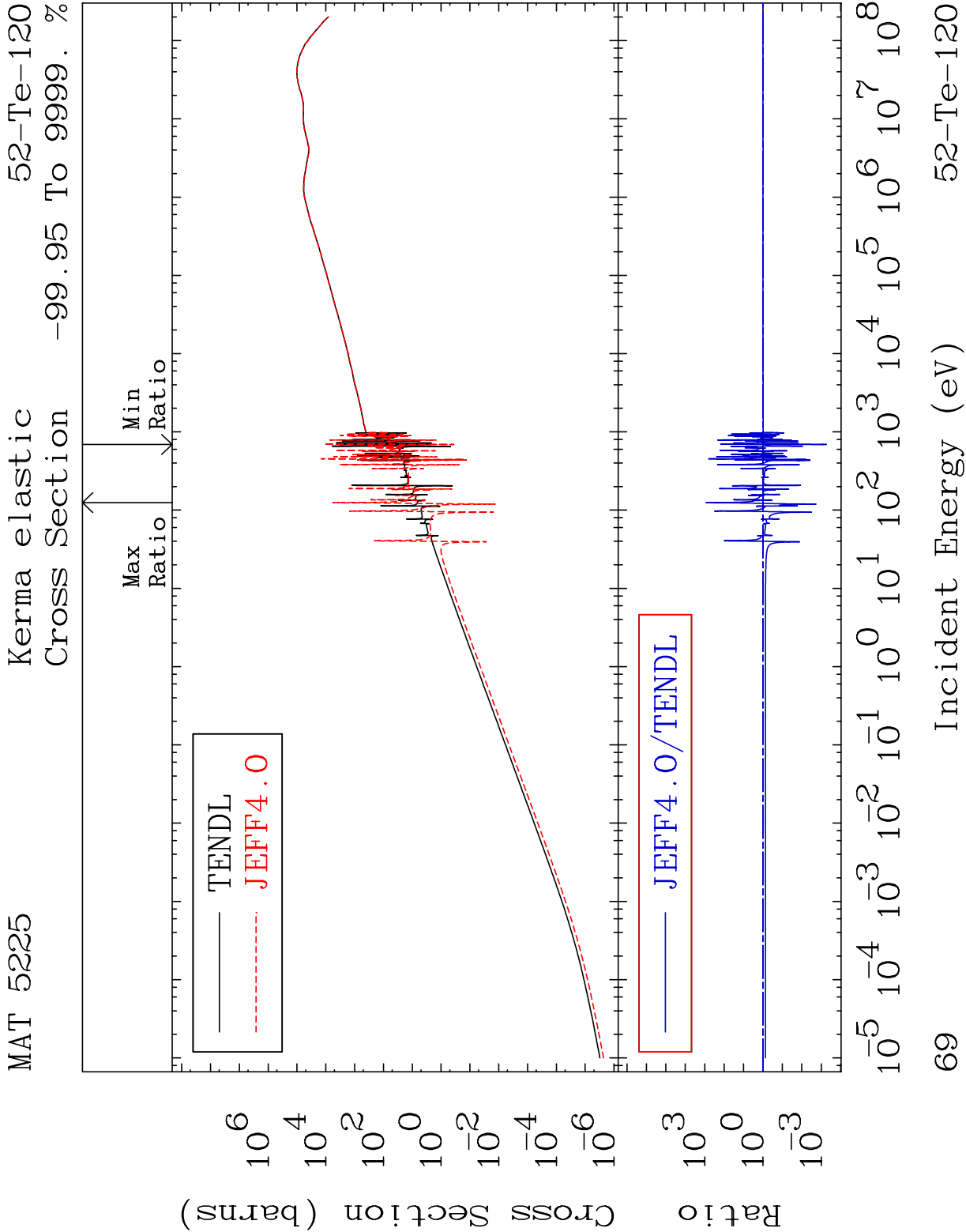
Kerma total (eV-barns)

52-Te-120

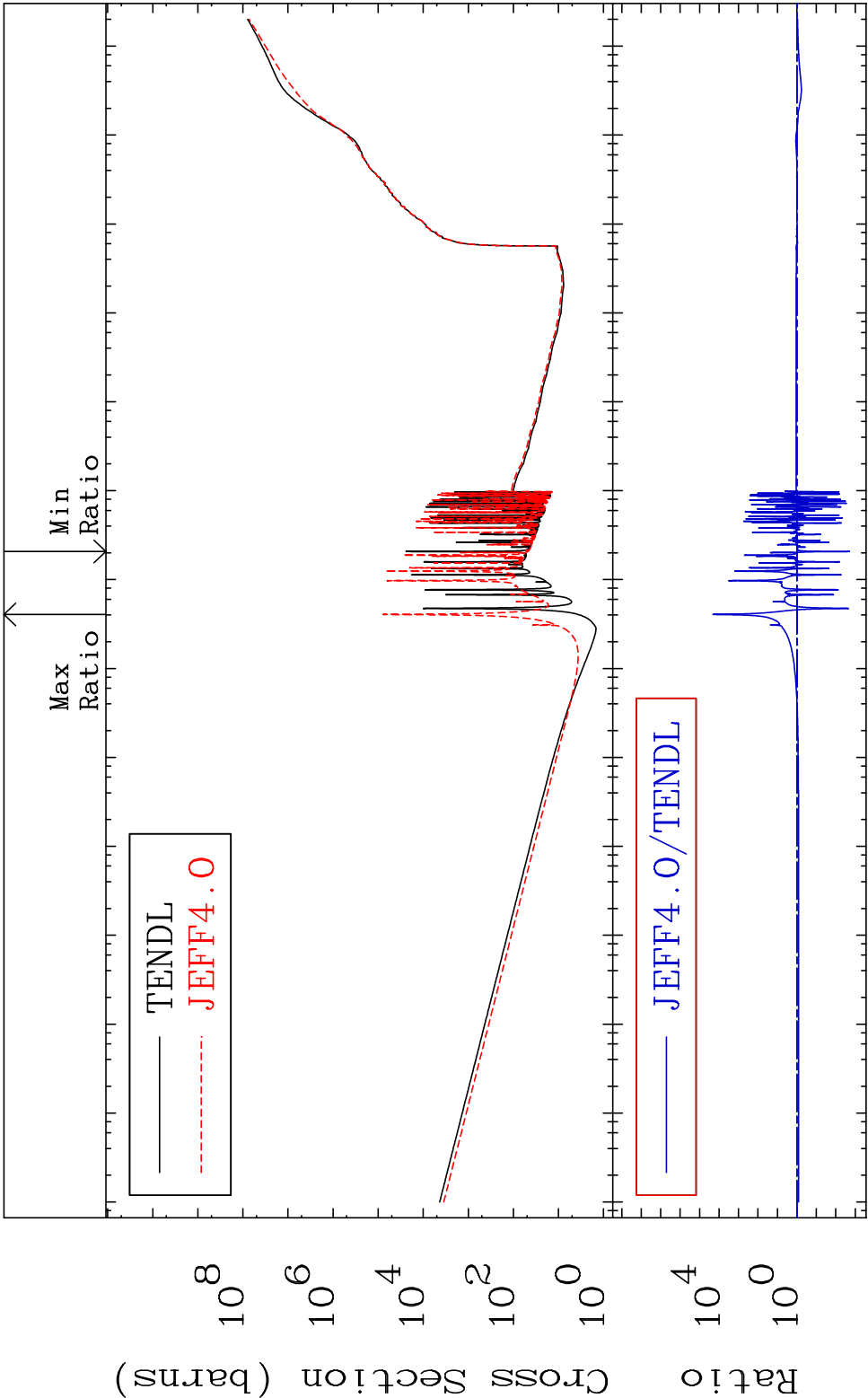
Cross Section

-99.76 To 9999. %

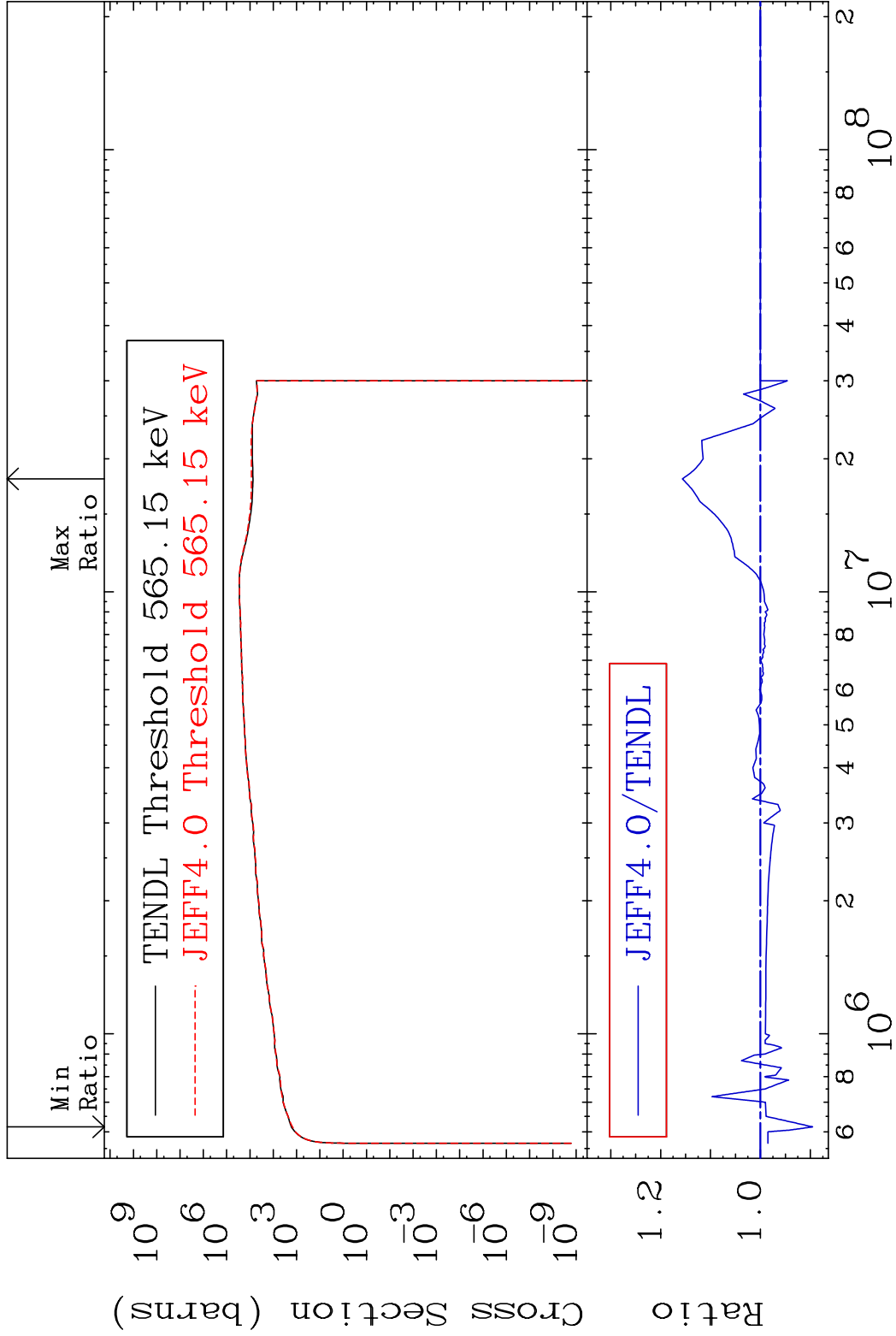




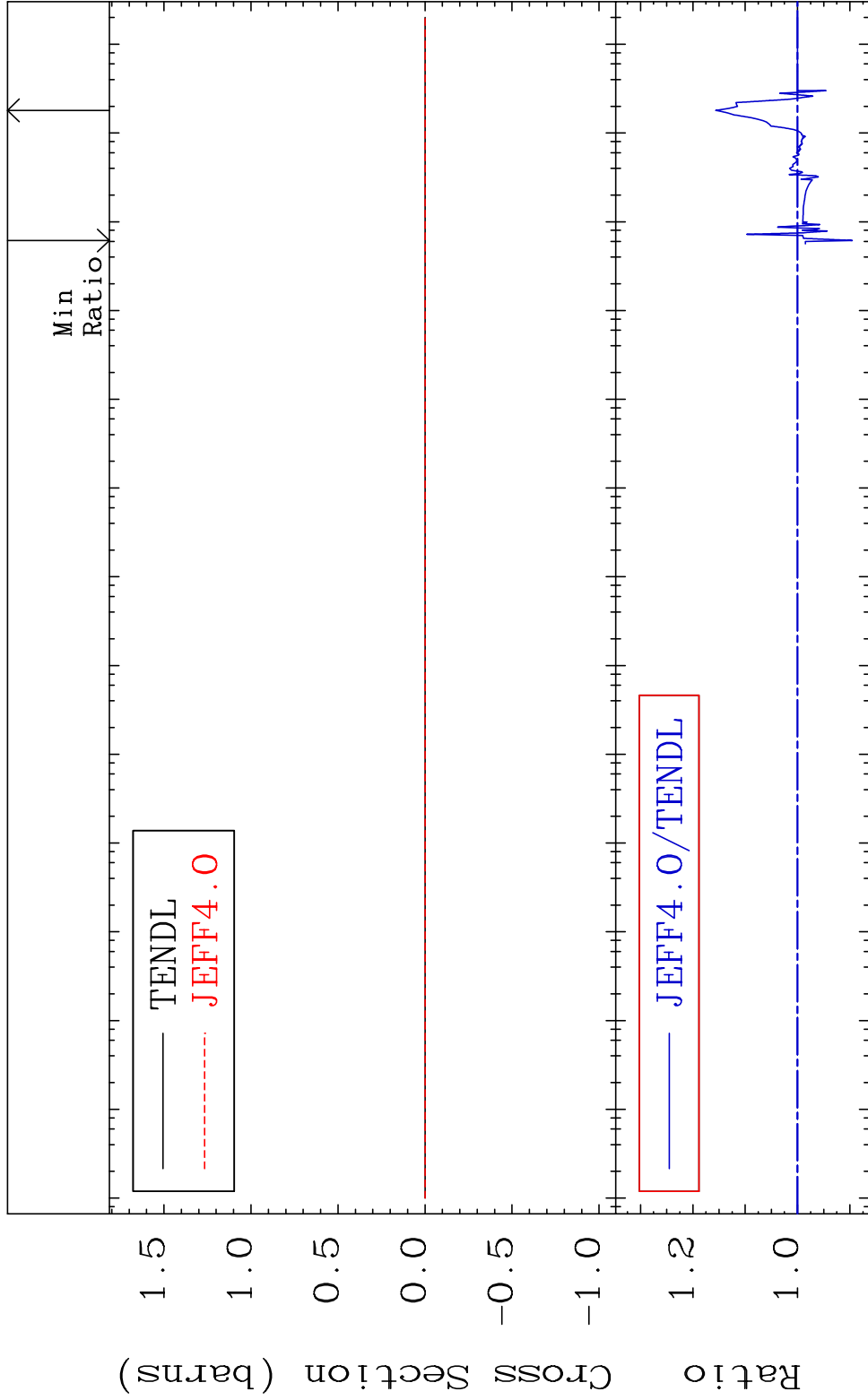
MAT 5225 Kerma non-elastic (all but mt2) 52-Te-120
 Cross Section -99.80 To 9999. %



70 Incident Energy (eV) 52-Te-120



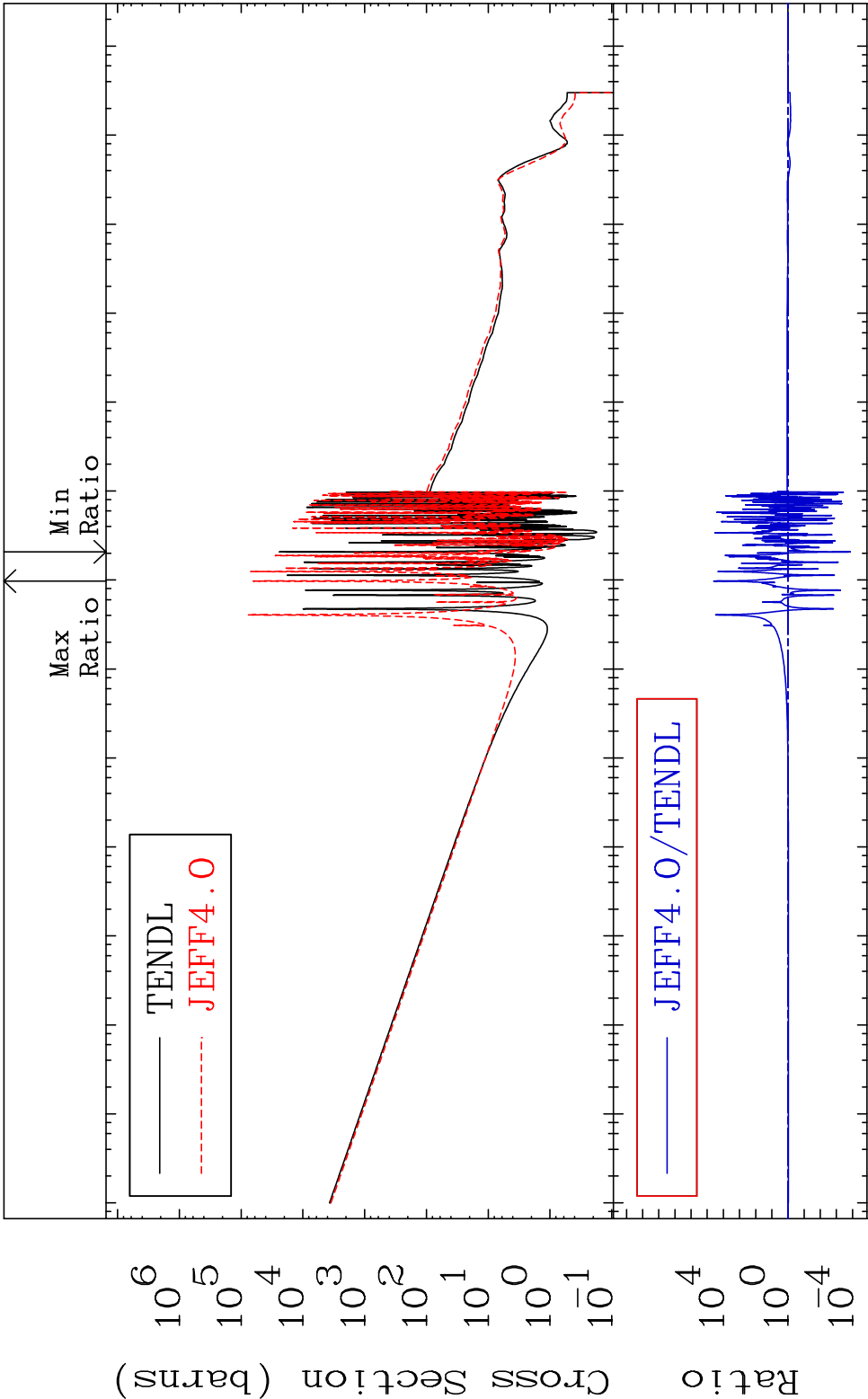
MAT 5225 Kerma fission (mt18 or mt19-20-21-38) 52-Te-120
Cross Section -10.45 To 15.64 %



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

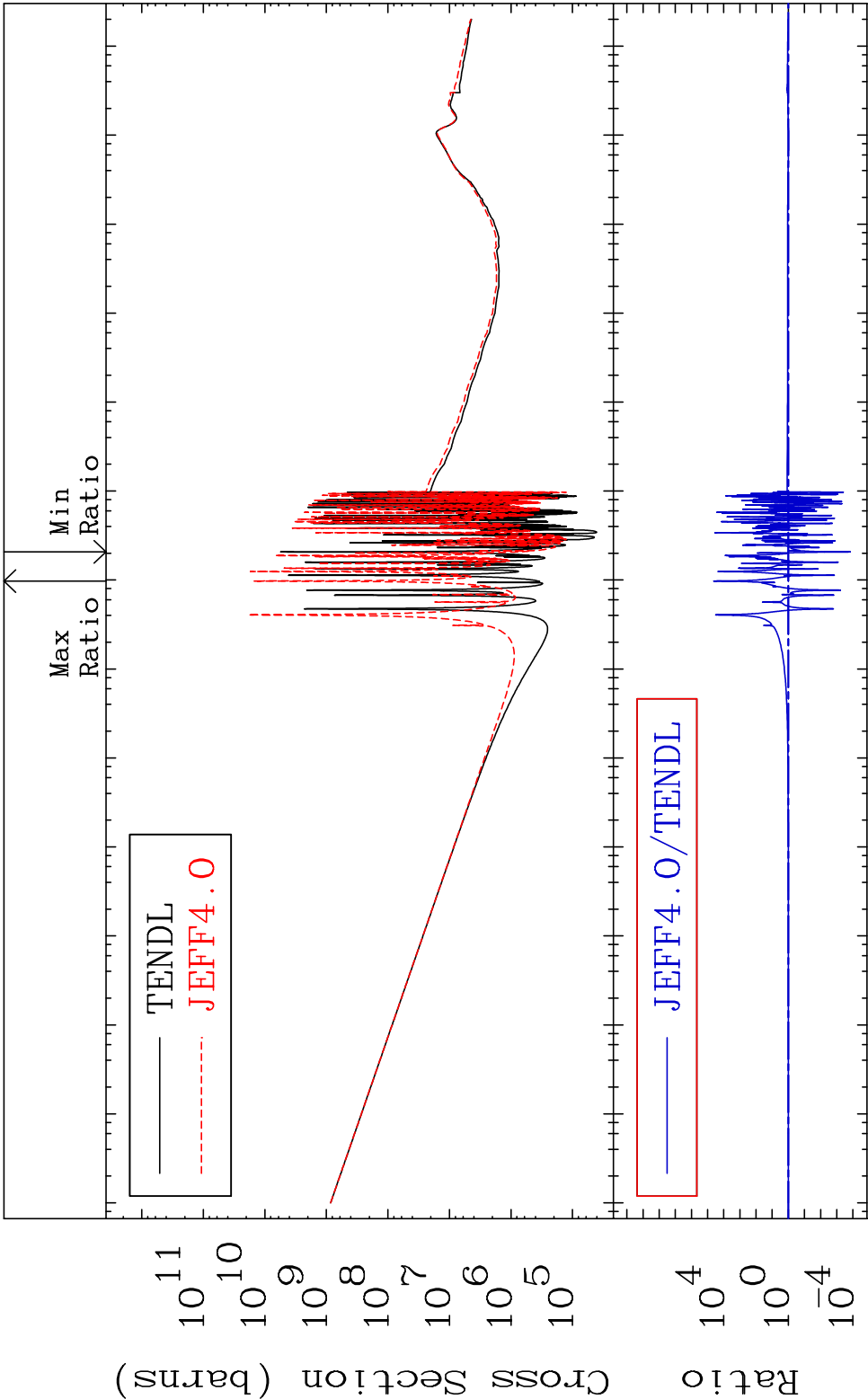
72 Incident Energy (eV) 52-Te-120

MAT 5225 Kerma capture (mt102) 52-Te-120
Cross Section -99.99 To 9999. %



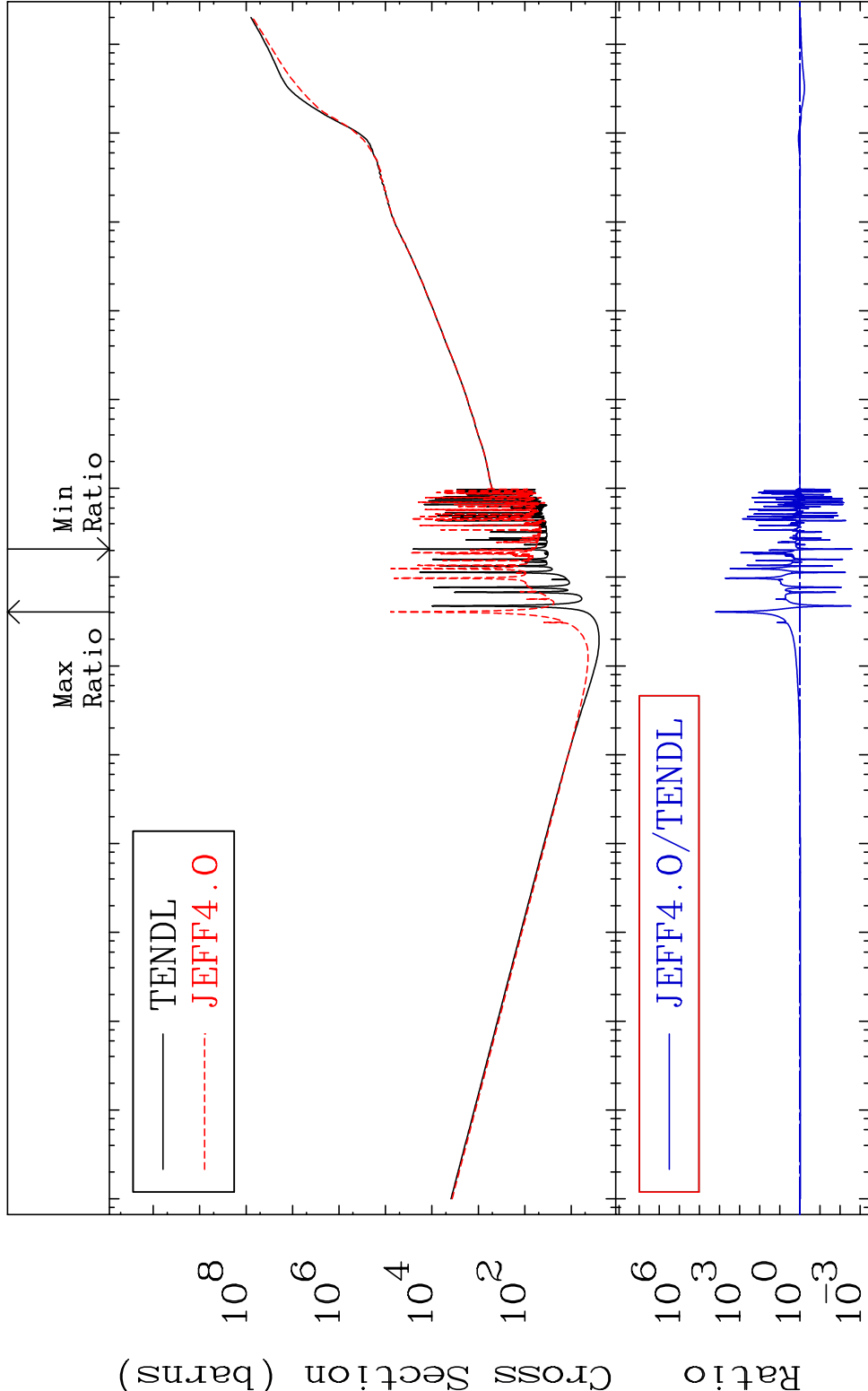
73 Incident Energy (eV) 52-Te-120

MAT 5225 Total photon (eV-barns) 52-Te-120
Cross Section -99.99 To 9999. %



74 Incident Energy (eV) 52-Te-120

MAT 5225 Total kinematic kerma (high limit) 52-Te-120
Cross Section -99.75 To 9999. %



Incident Energy (eV) 52-Te-120

75

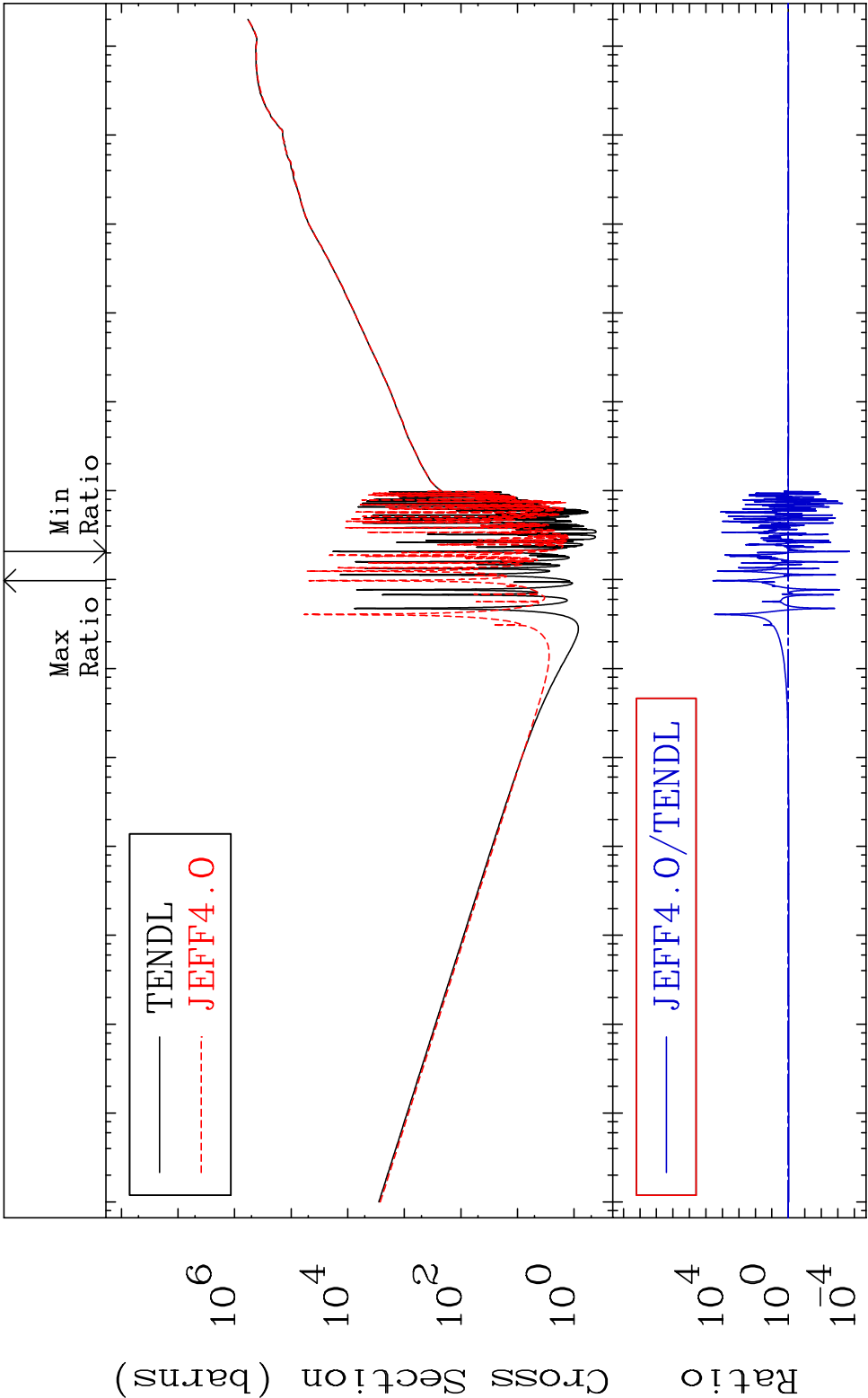
MAT 5225

Dpa total (eV-barns)

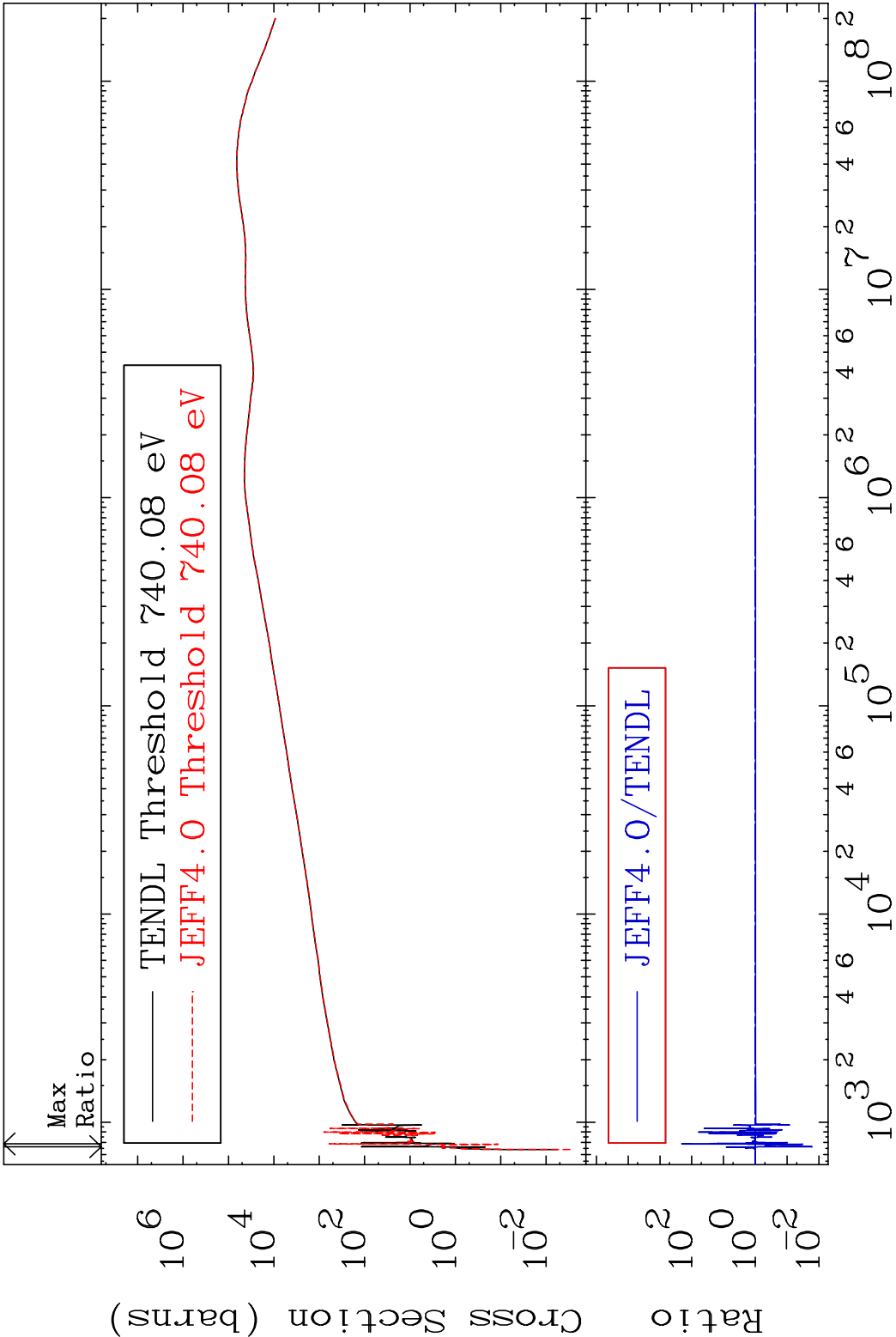
52-Te-120

Cross Section

-99.98 To 9999. %



MAT 5225 Dpa elastic (mt2) 52-Te-120
Cross Section -98.37 To 9999. %



MAT 5225 Dpa disappearance (mt102 -120) 52-Te-120
Cross Section -99.98 To 9999. %

