

Program Complot
(Version 2021-1)

by

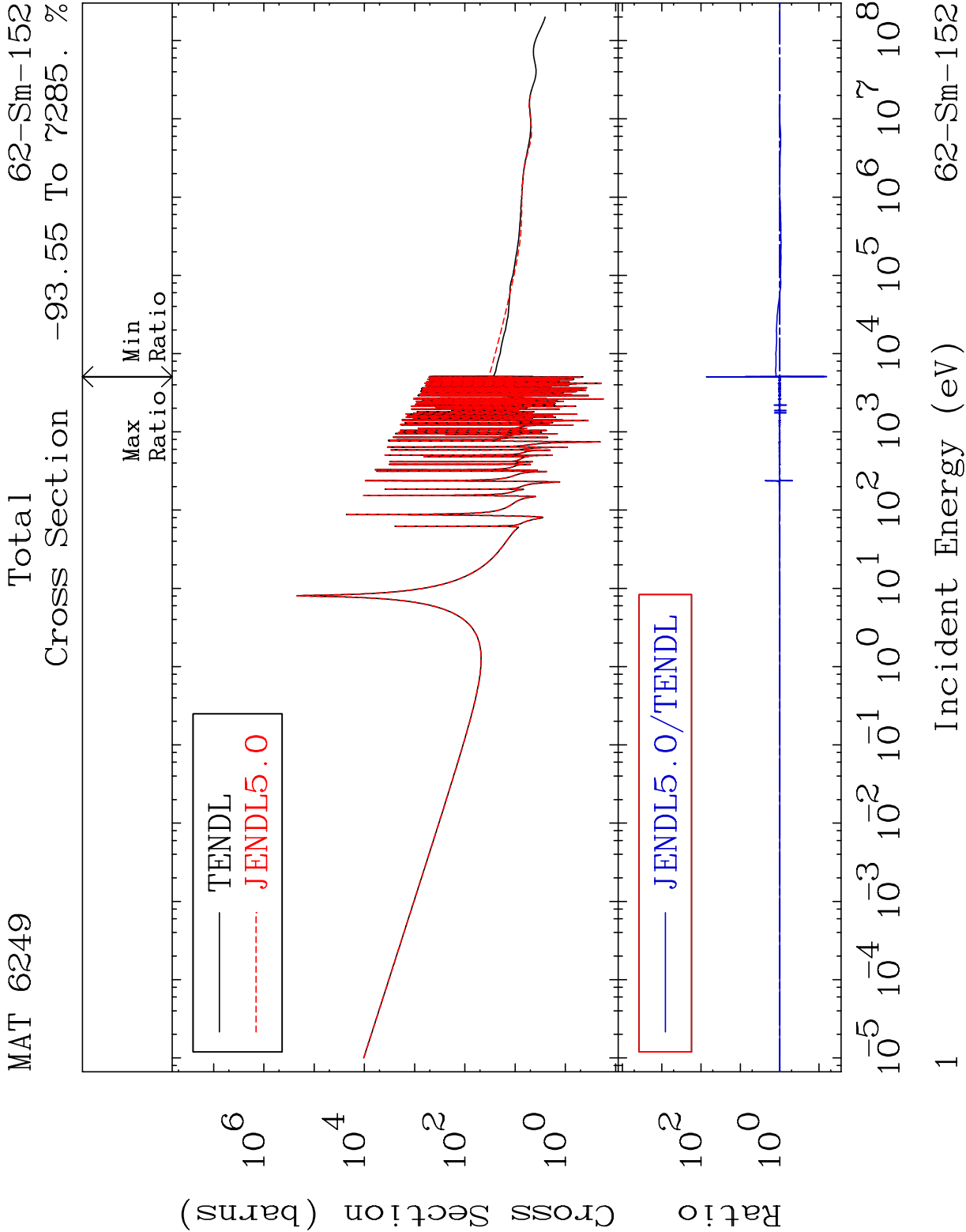
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

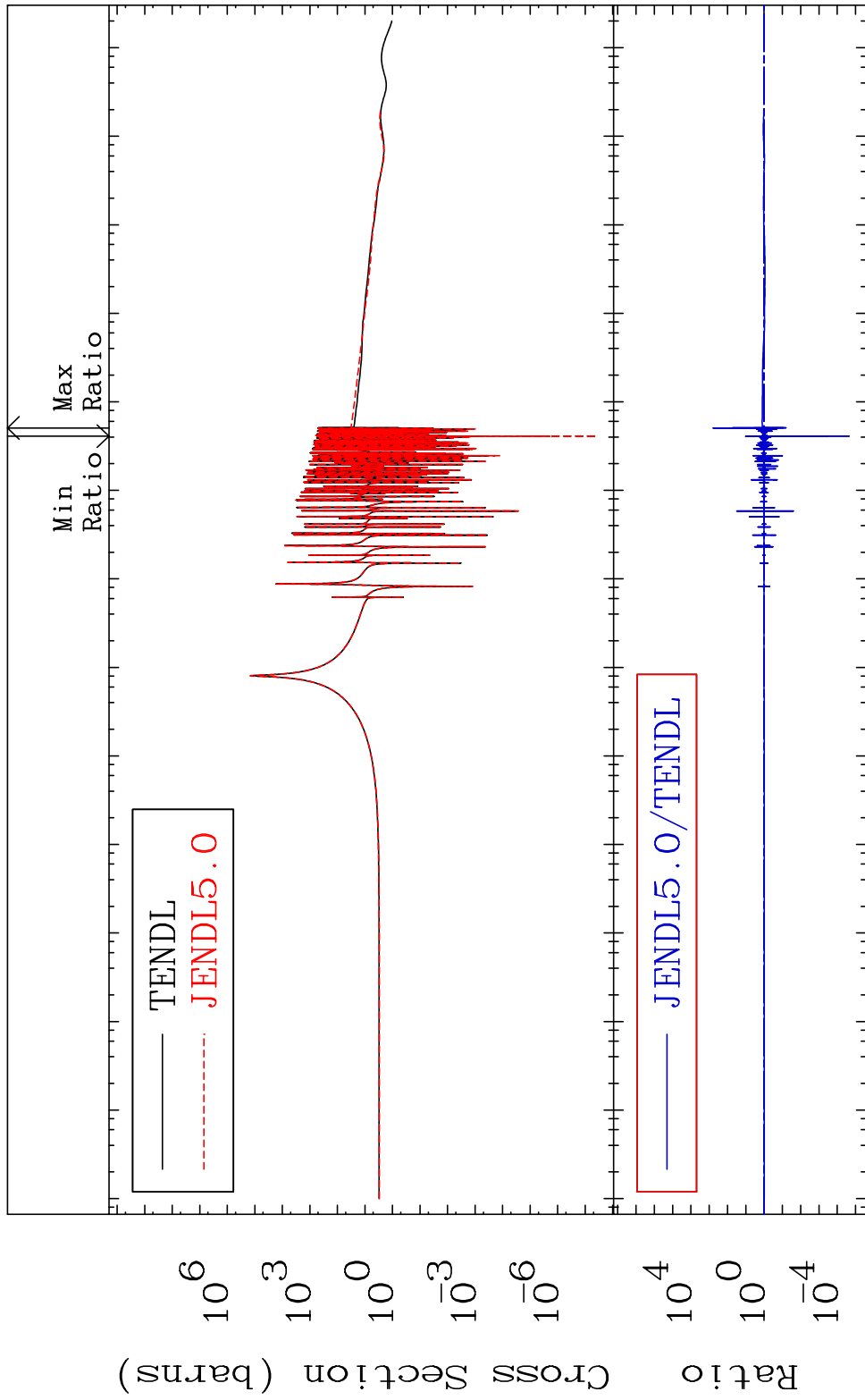


MAT 6249

Elastic

62-Sm-152

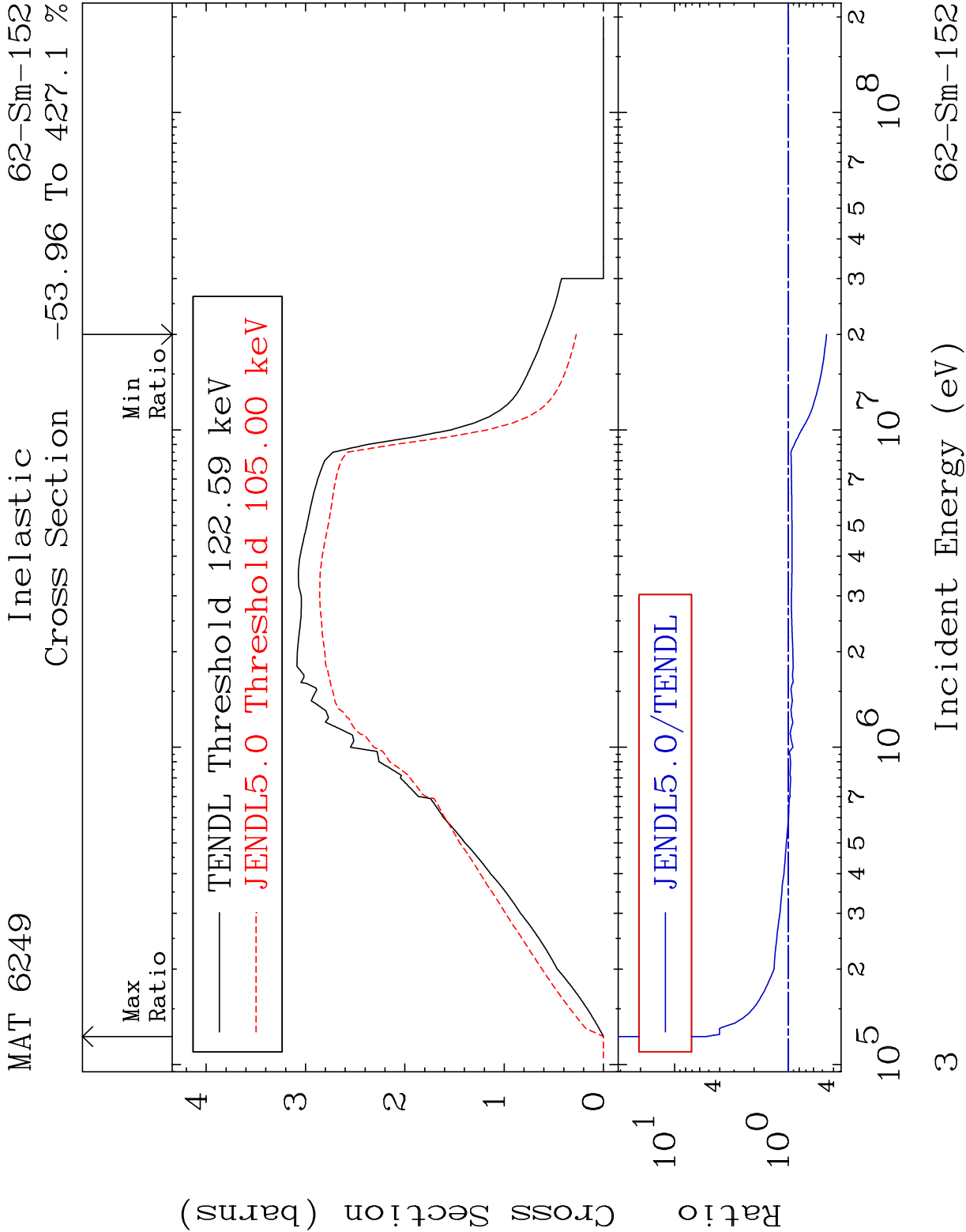
Cross Section -100.0 To 9999. %

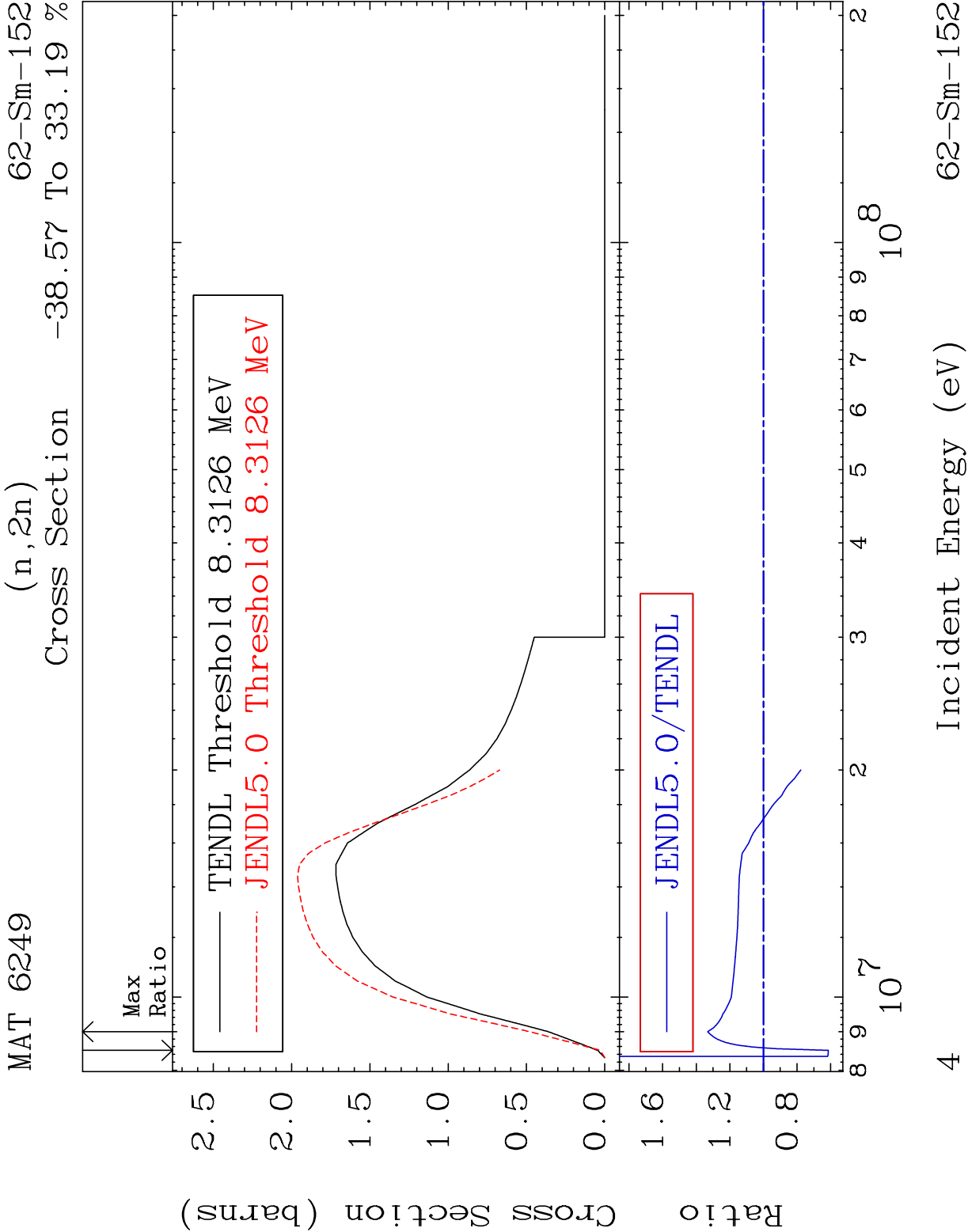


2

Incident Energy (eV)

62-Sm-152



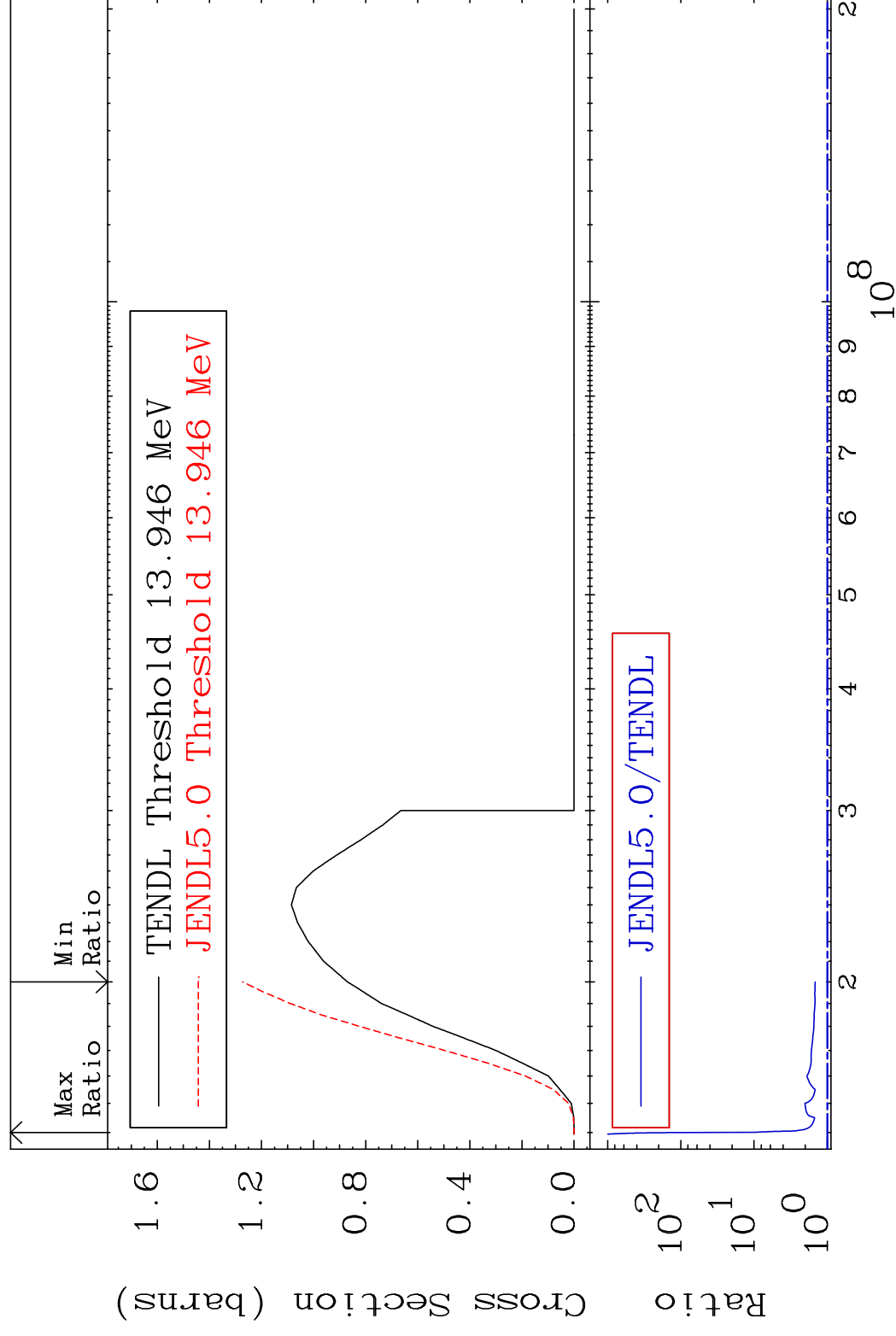


MAT 6249

$$(n, 3n)$$

62-Sm-152

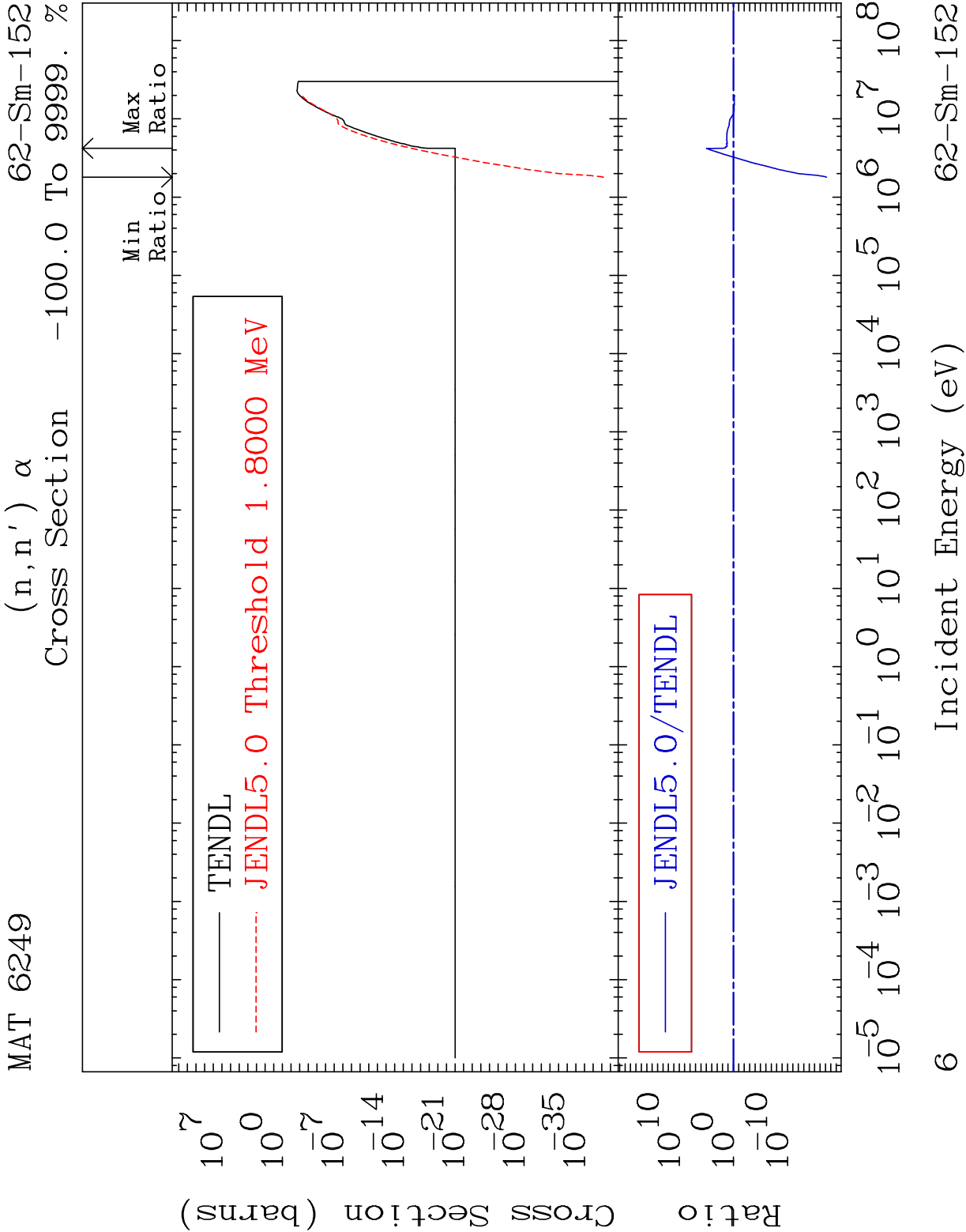
Cross Section 46.24 To 8640. %

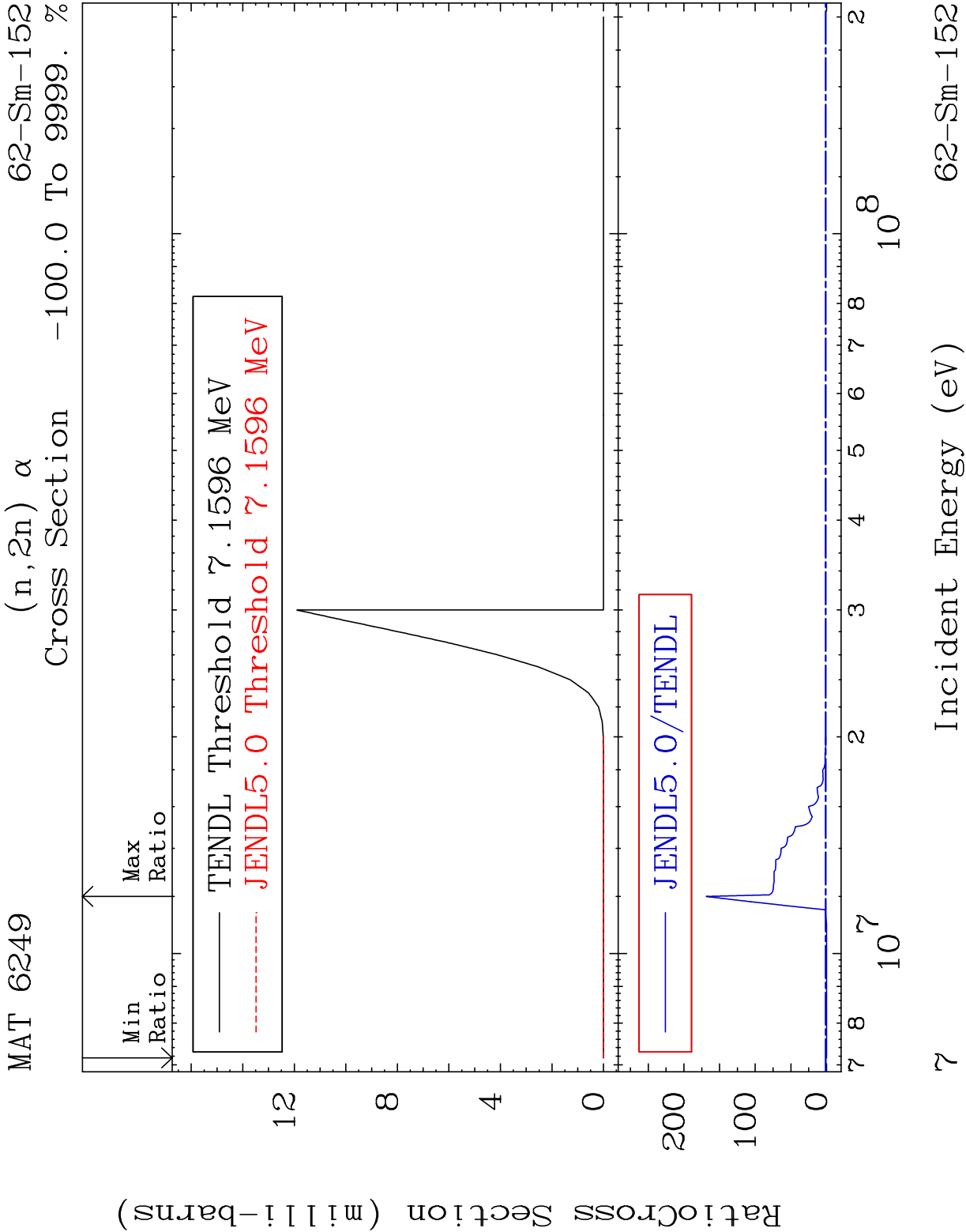


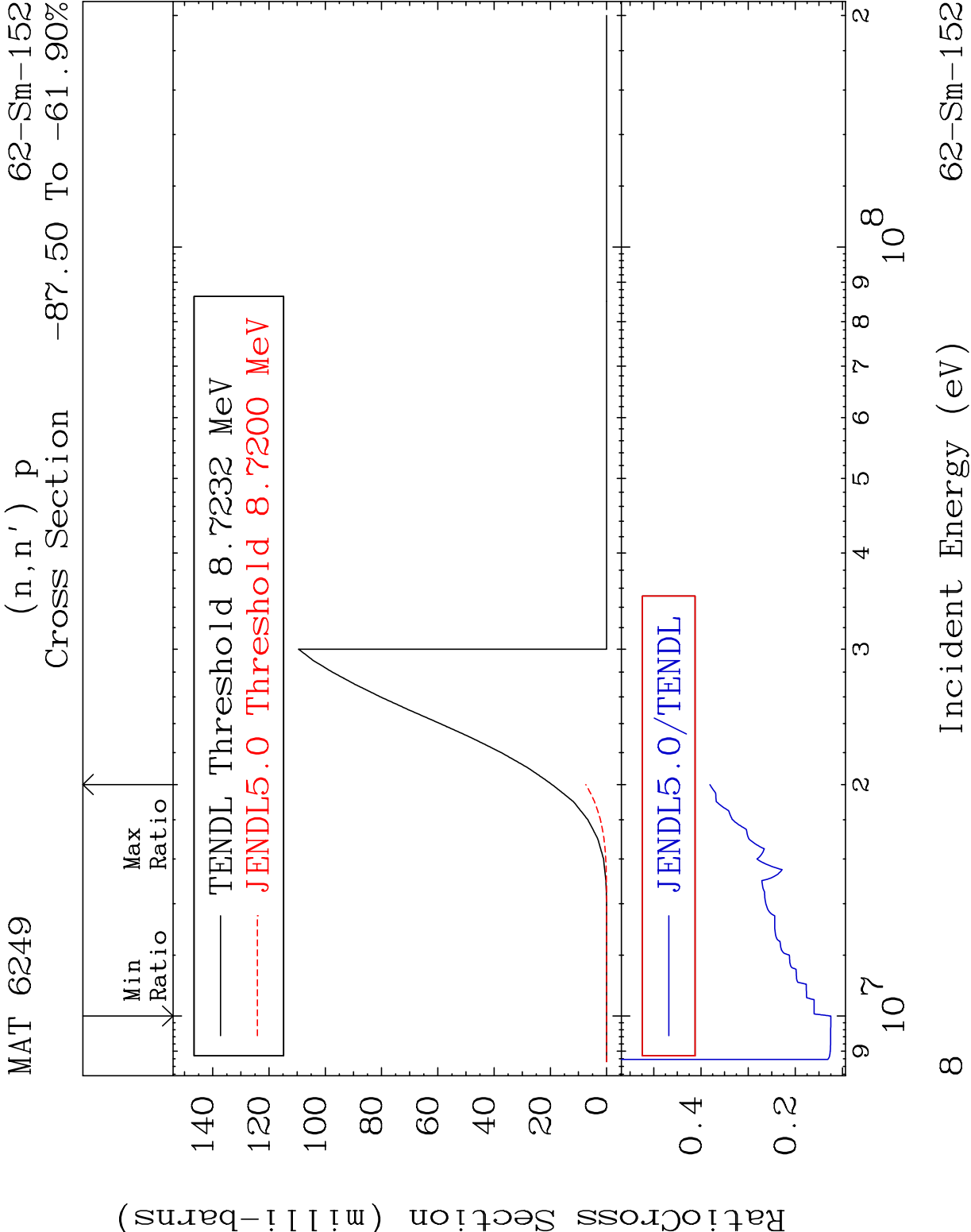
5

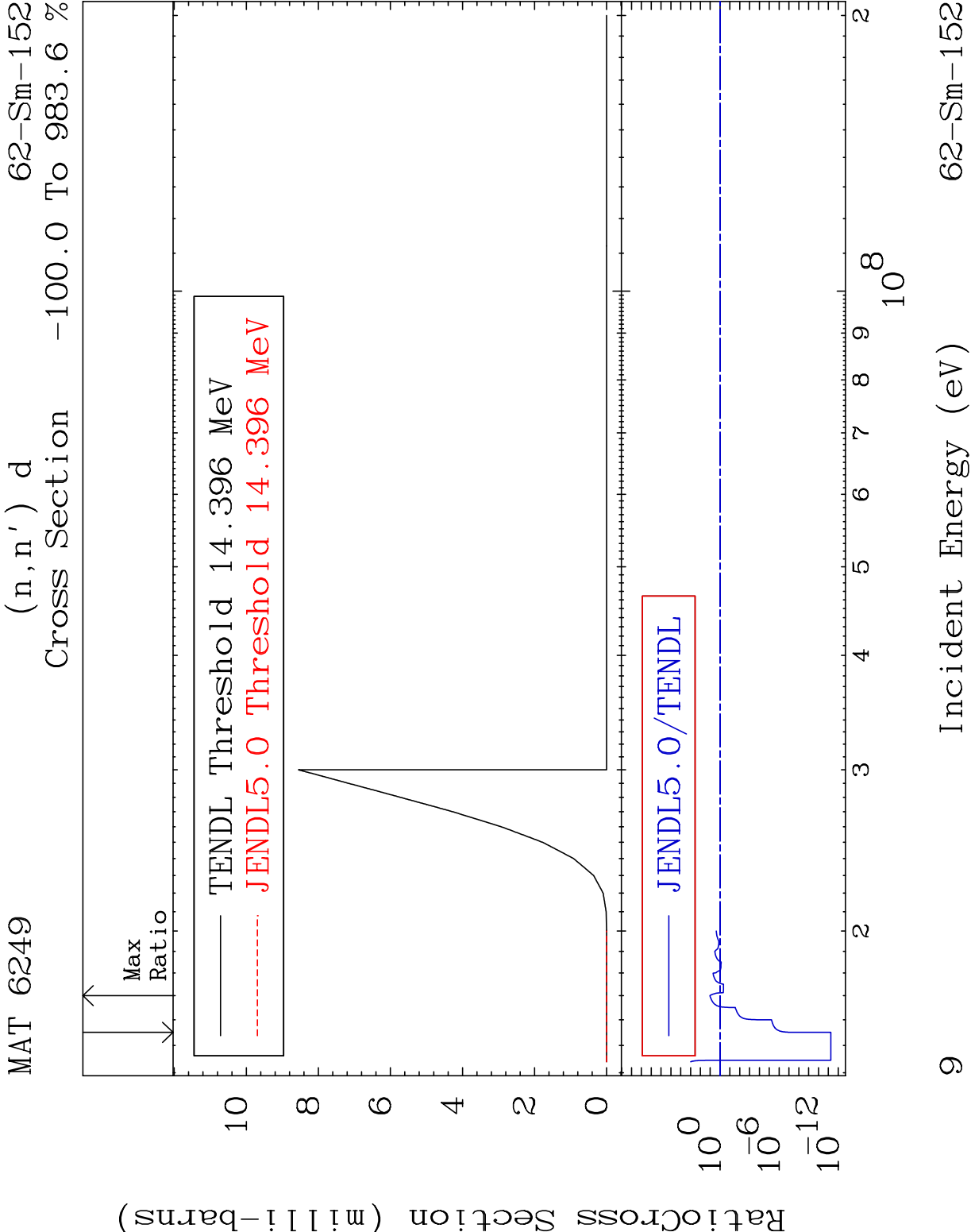
Incident Energy (eV)

62-Sm-152









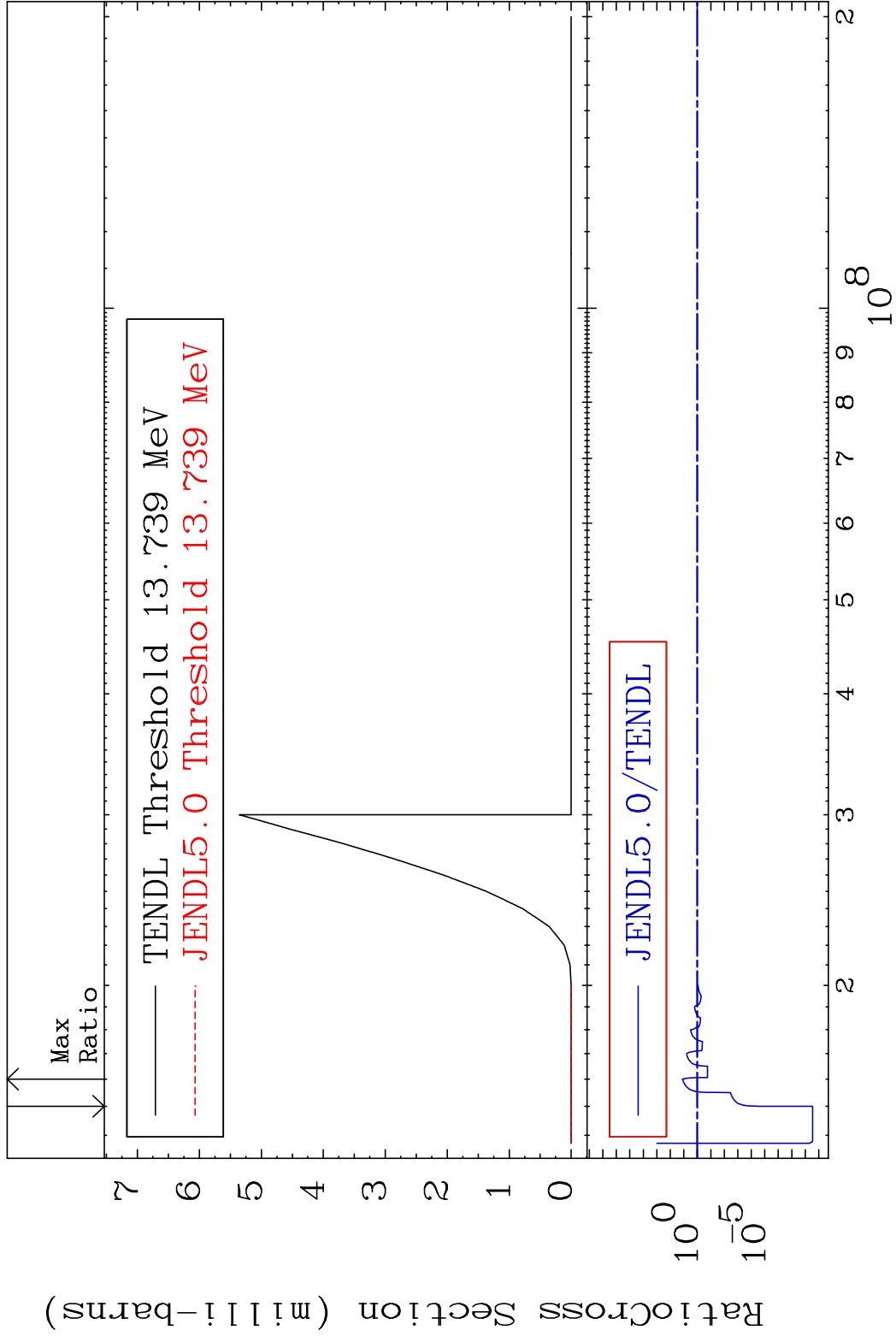
MAT 6249

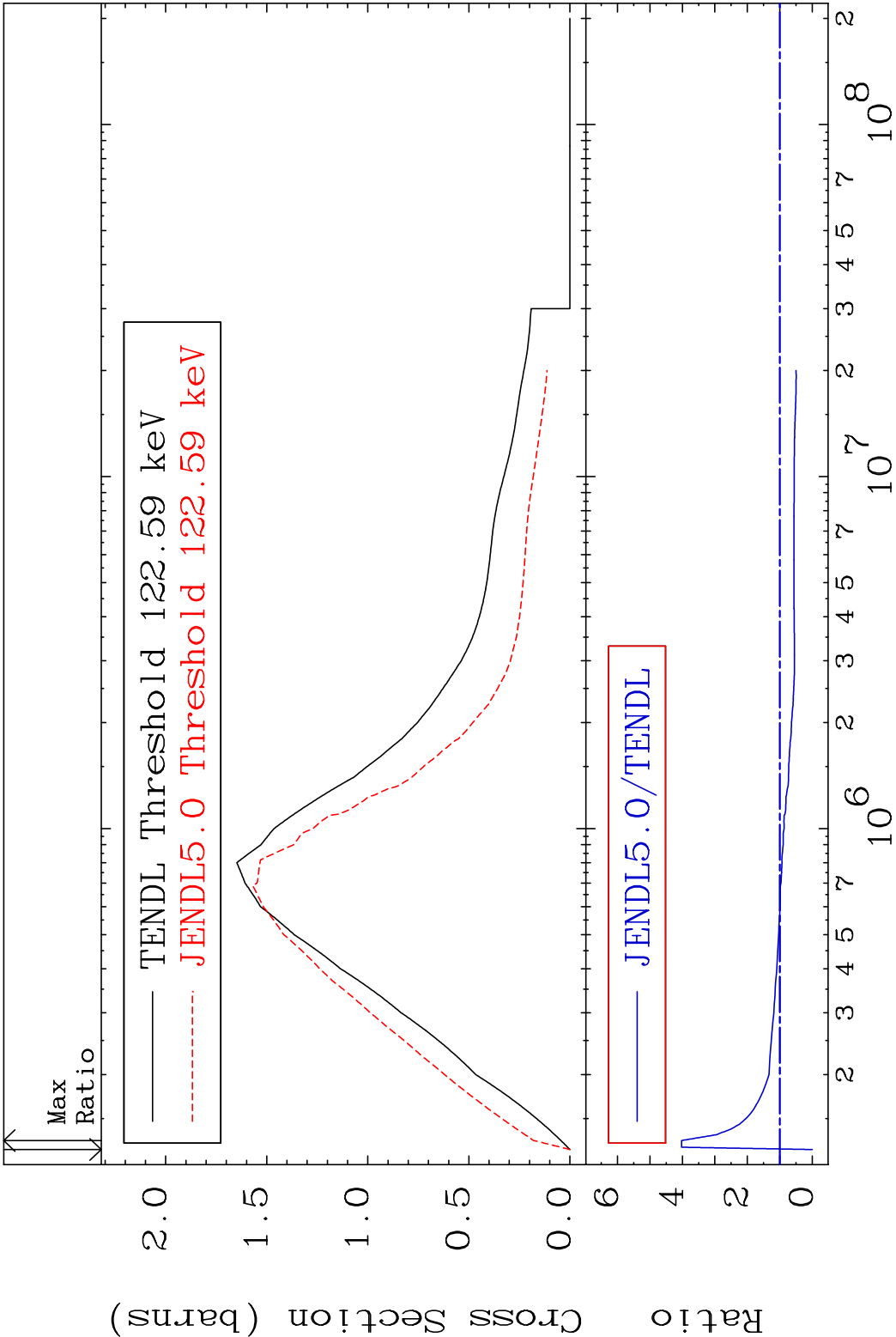
(n,n') t

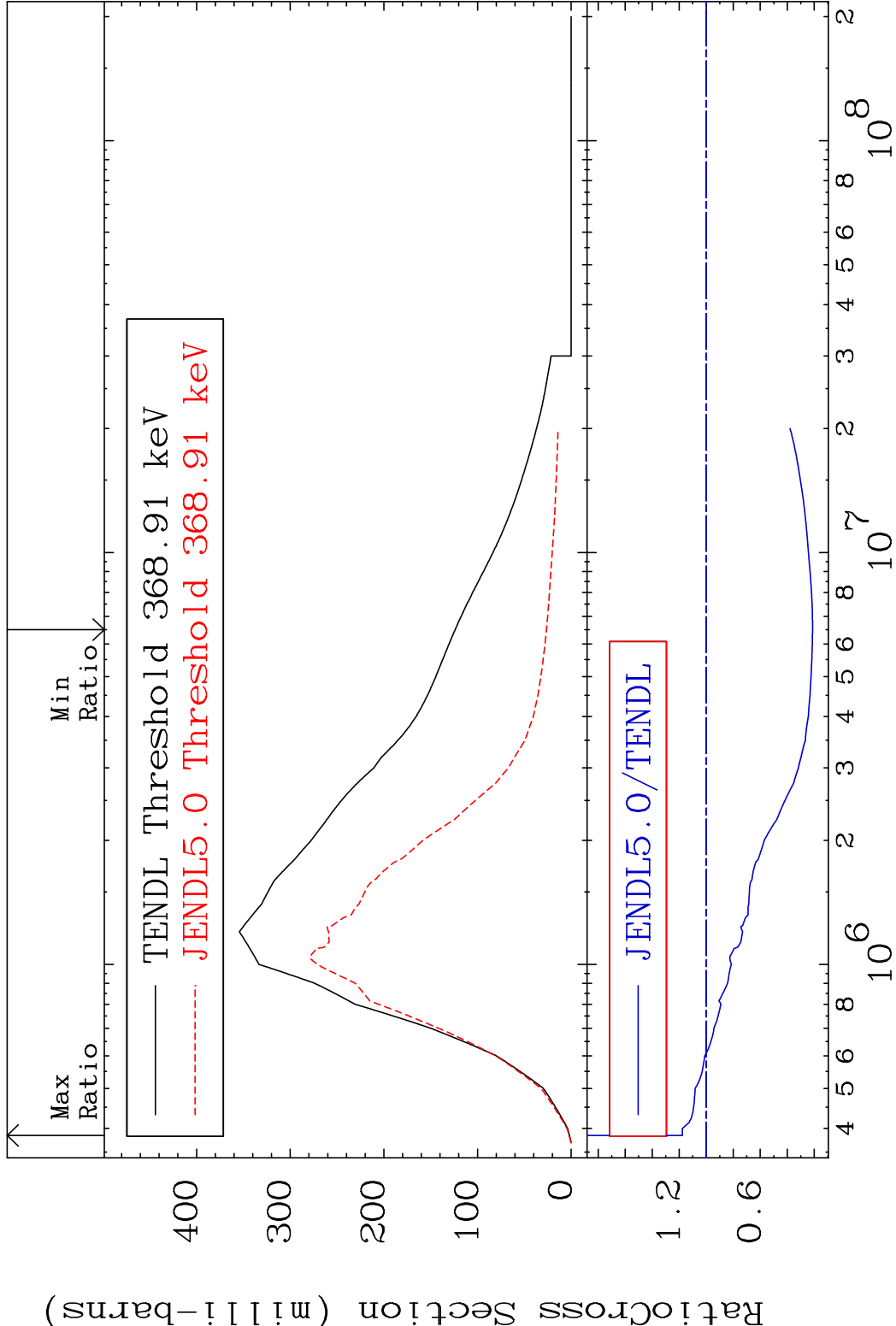
62-Sm-152

Cross Section

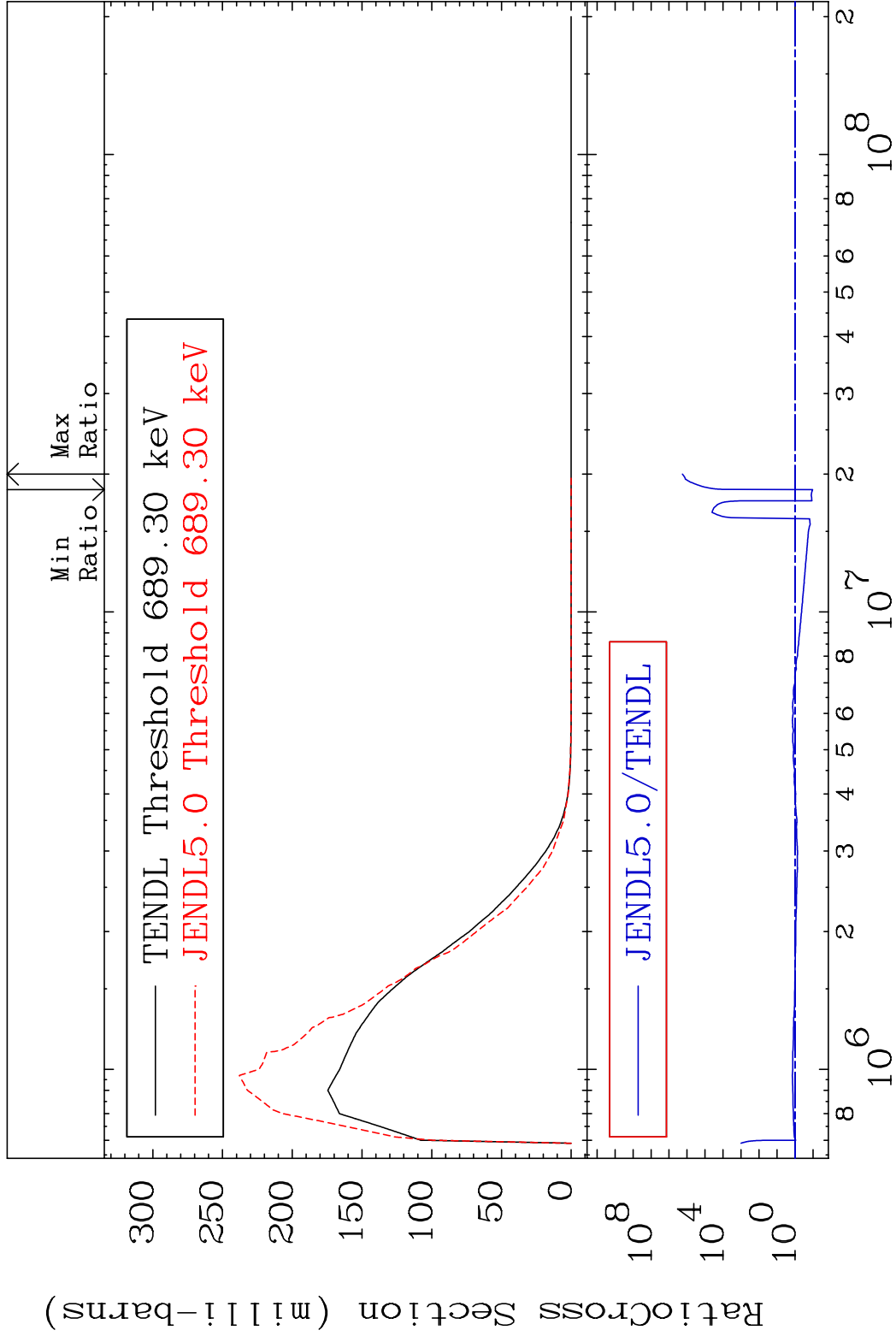
-100.0 To 1176. %



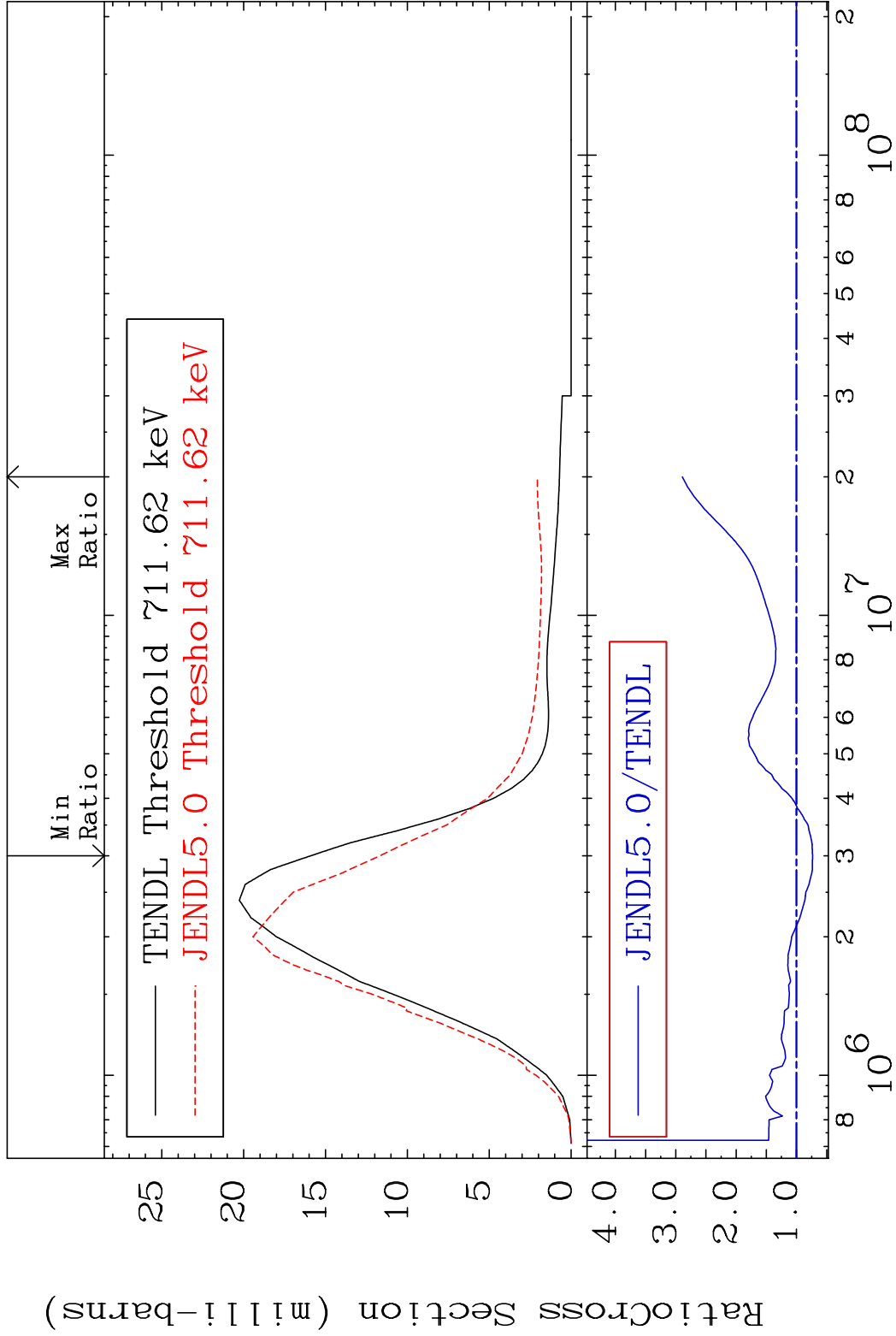




MAT 6249 MT= 53 (n,n') Level 62-Sm-152
Cross Section -89.31 To 9999. %

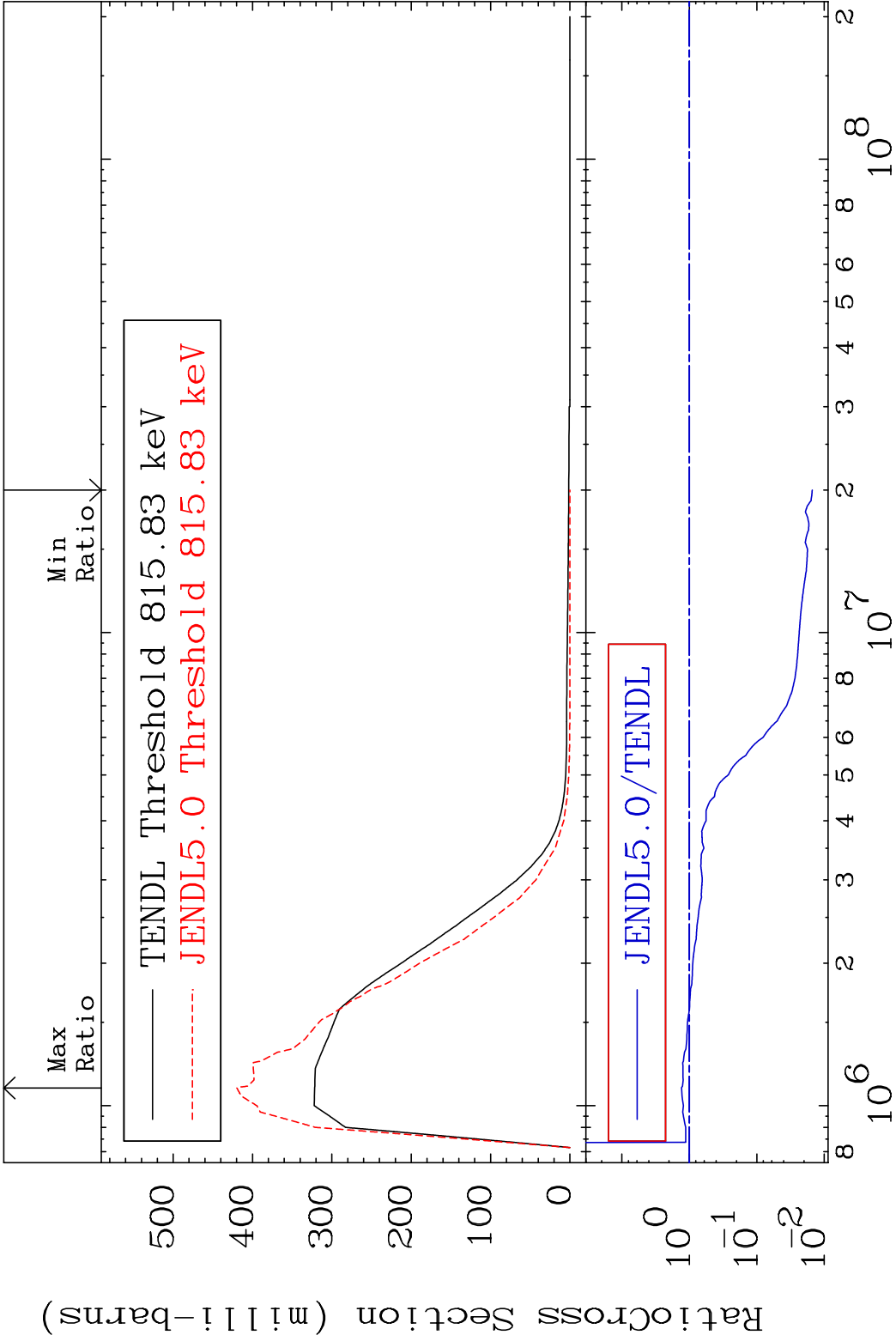


MAT 6249 MT= 54 (n,n') Level 62-Sm-152
Cross Section -26.58 To 189.1 %

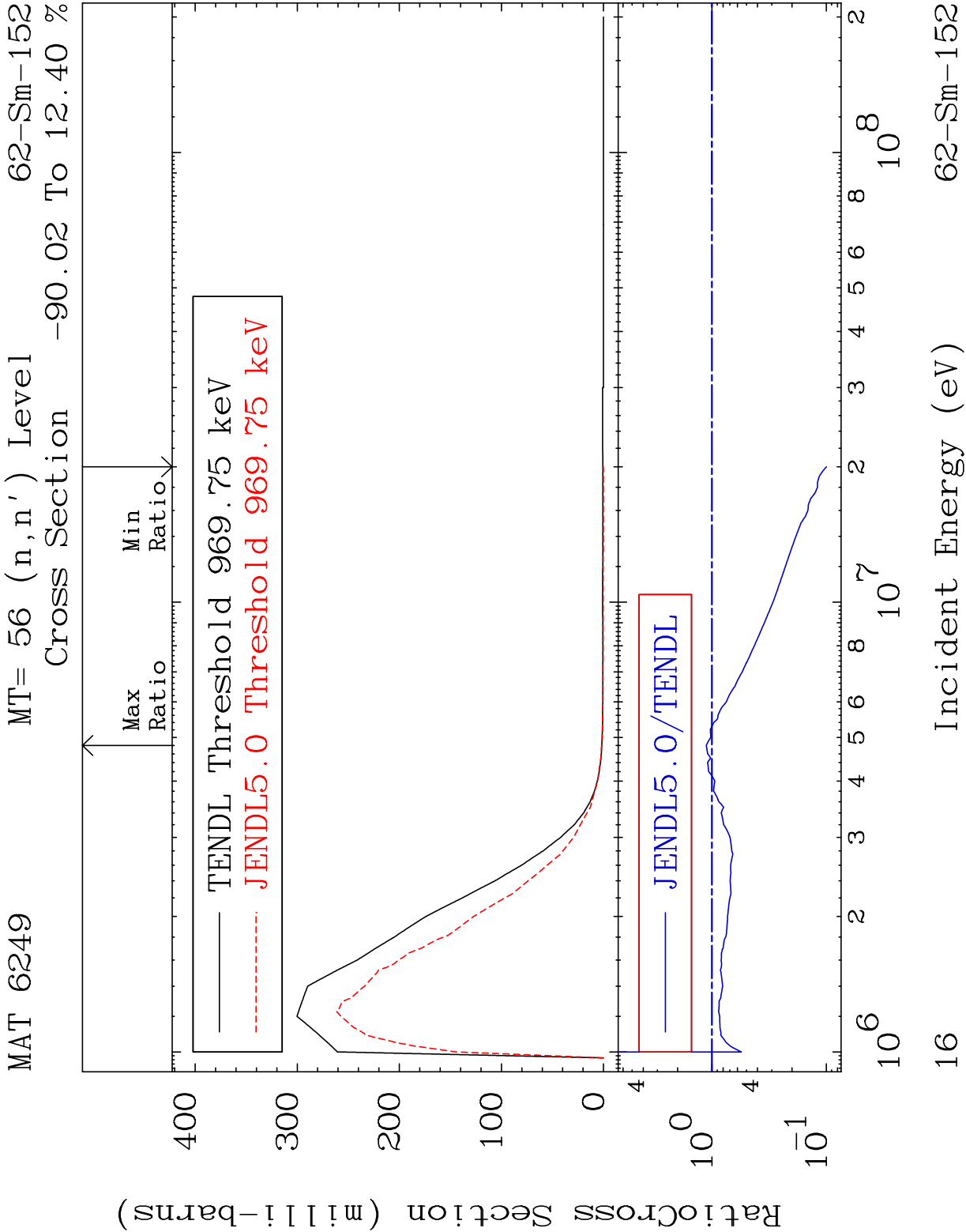


14 Incident Energy (eV) 62-Sm-152

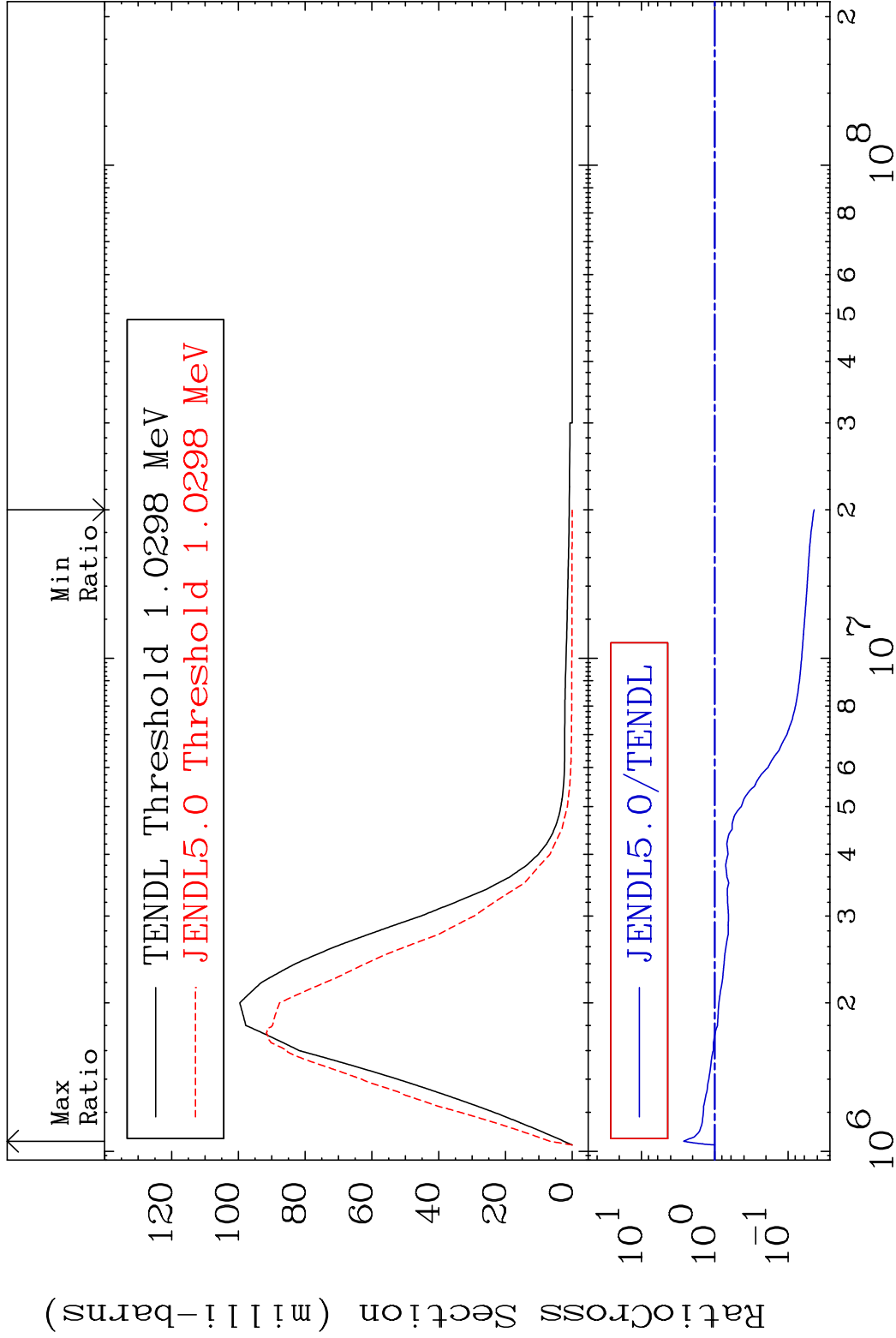
MAT 6249 MT= 55 (n,n') Level 62-Sm-152
Cross Section -98.49 To 30.52 %



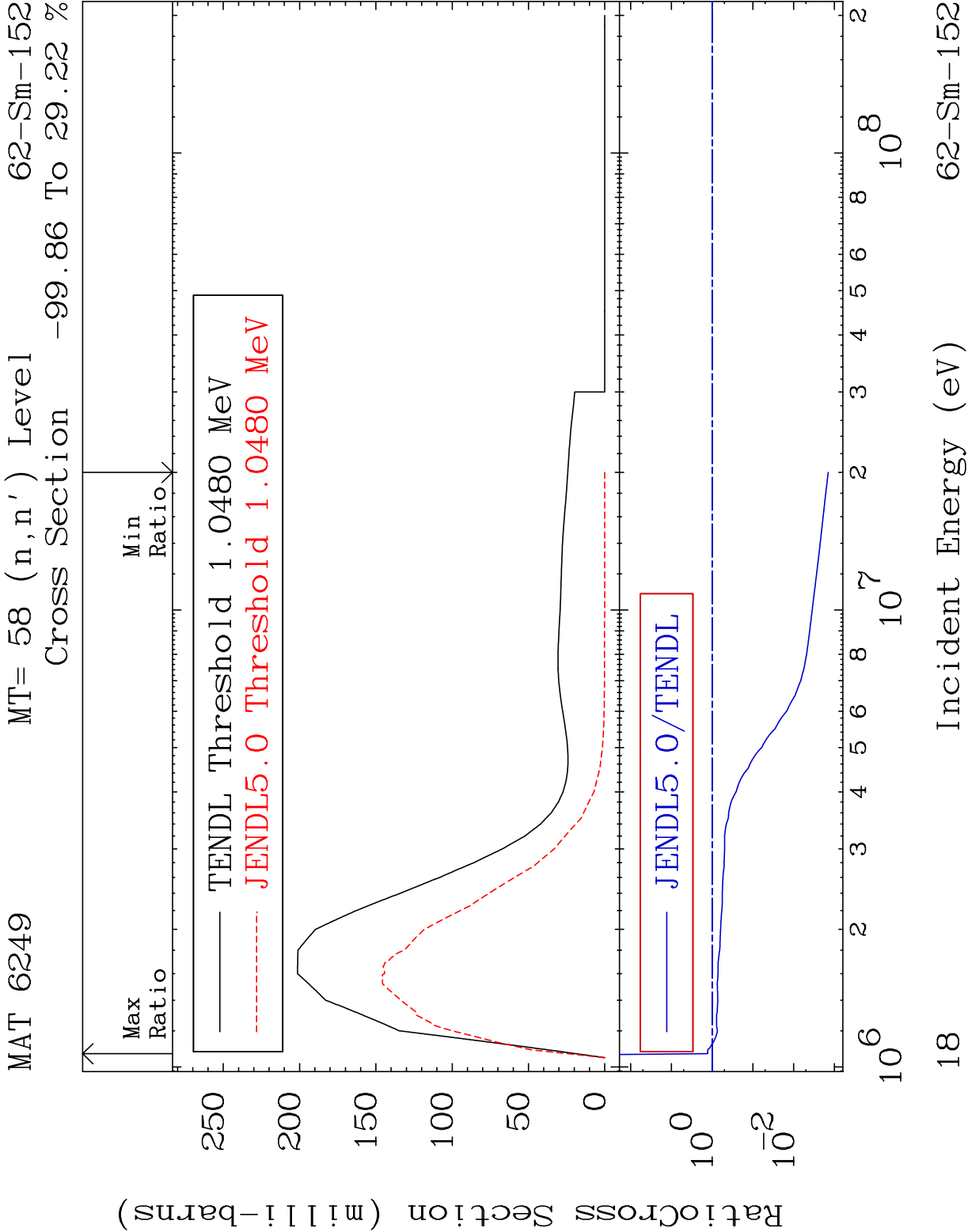
15 Incident Energy (eV) 62-Sm-152



MAT 6249 MT= 57 (n,n') Level 62-Sm-152
Cross Section -95.57 To 165.2 %



17 Incident Energy (eV) 62-Sm-152



MAT 6249

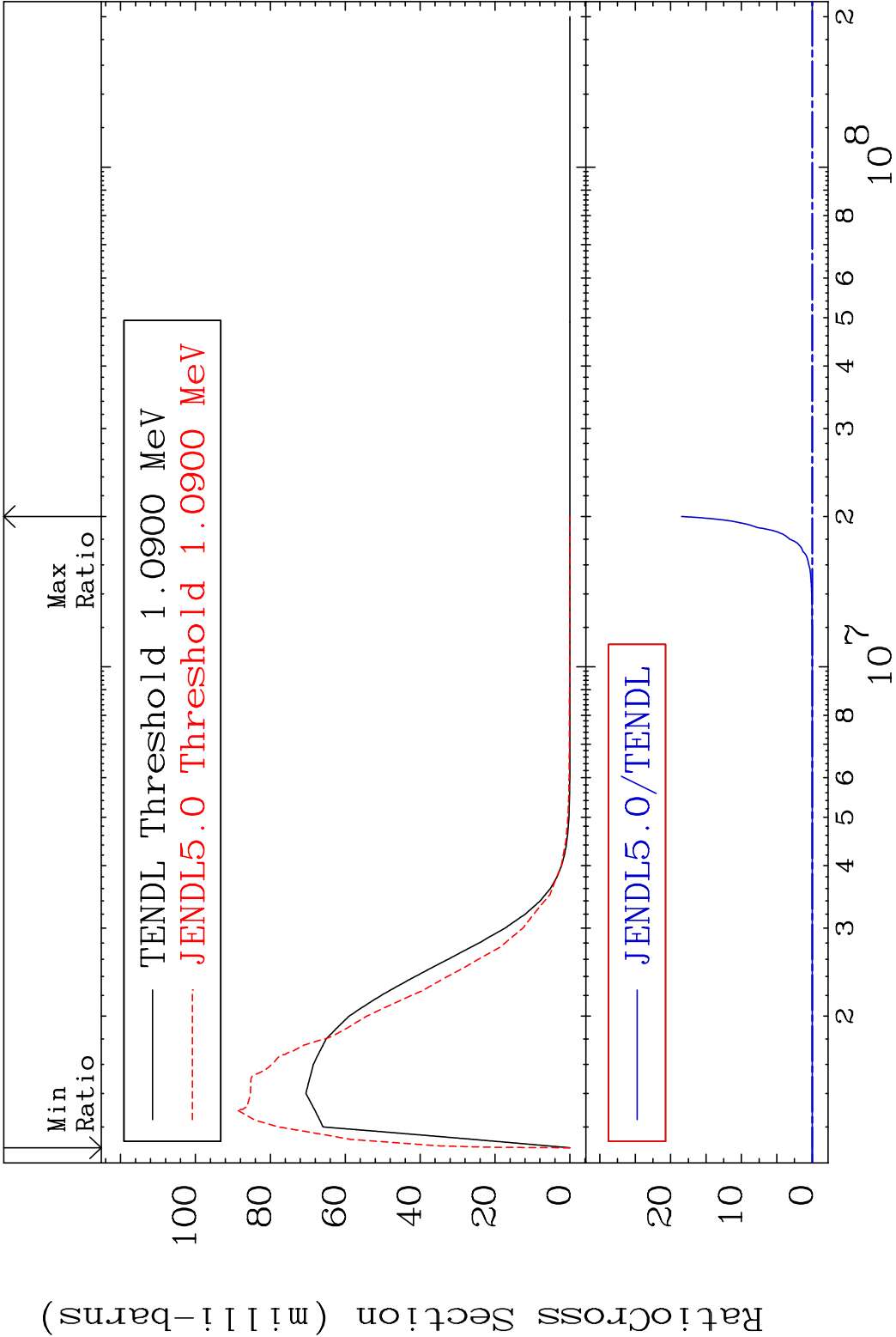
MT= 59 (n,n')

Level

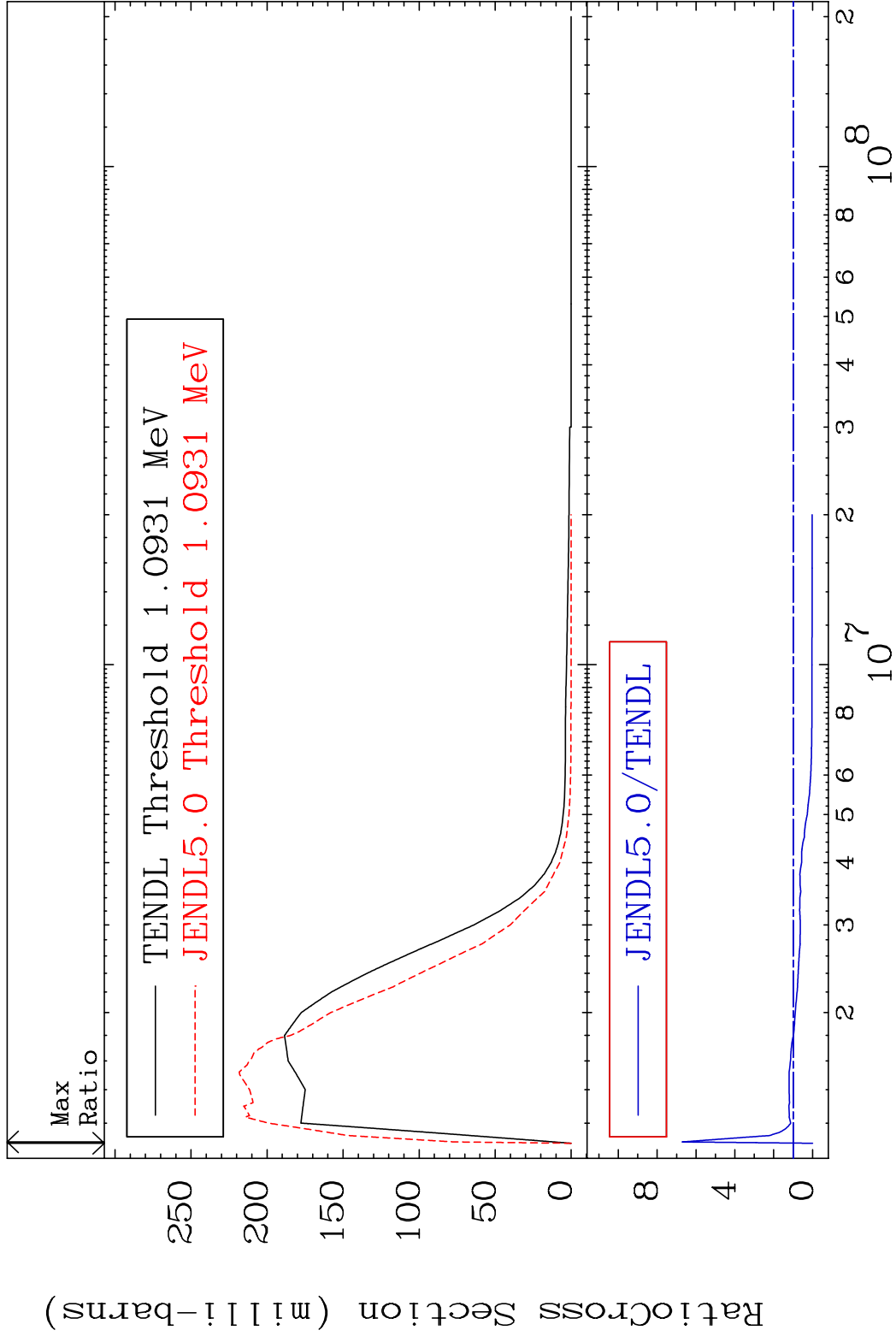
62-Sm-152

Cross Section

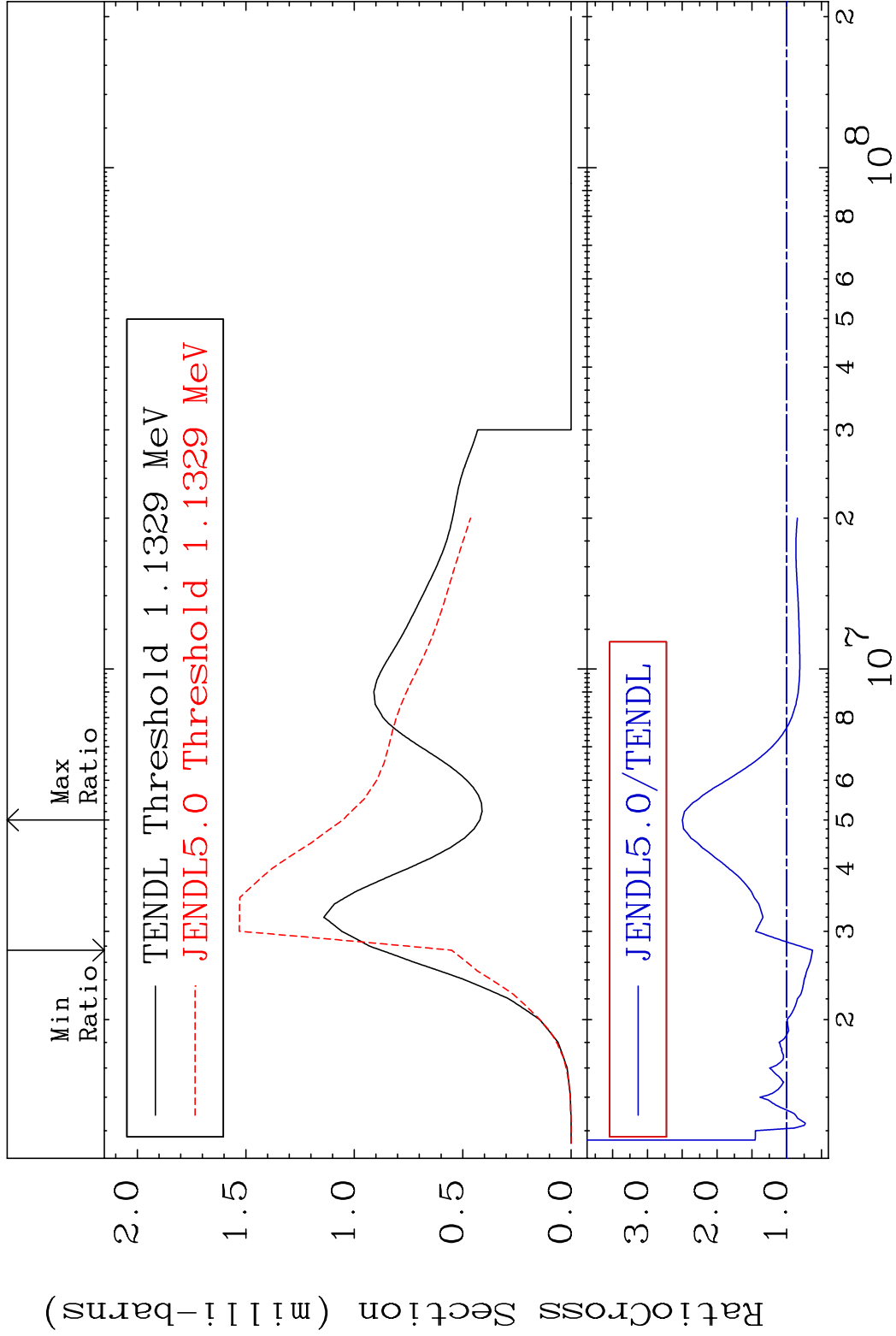
-100.0 To 9999. %

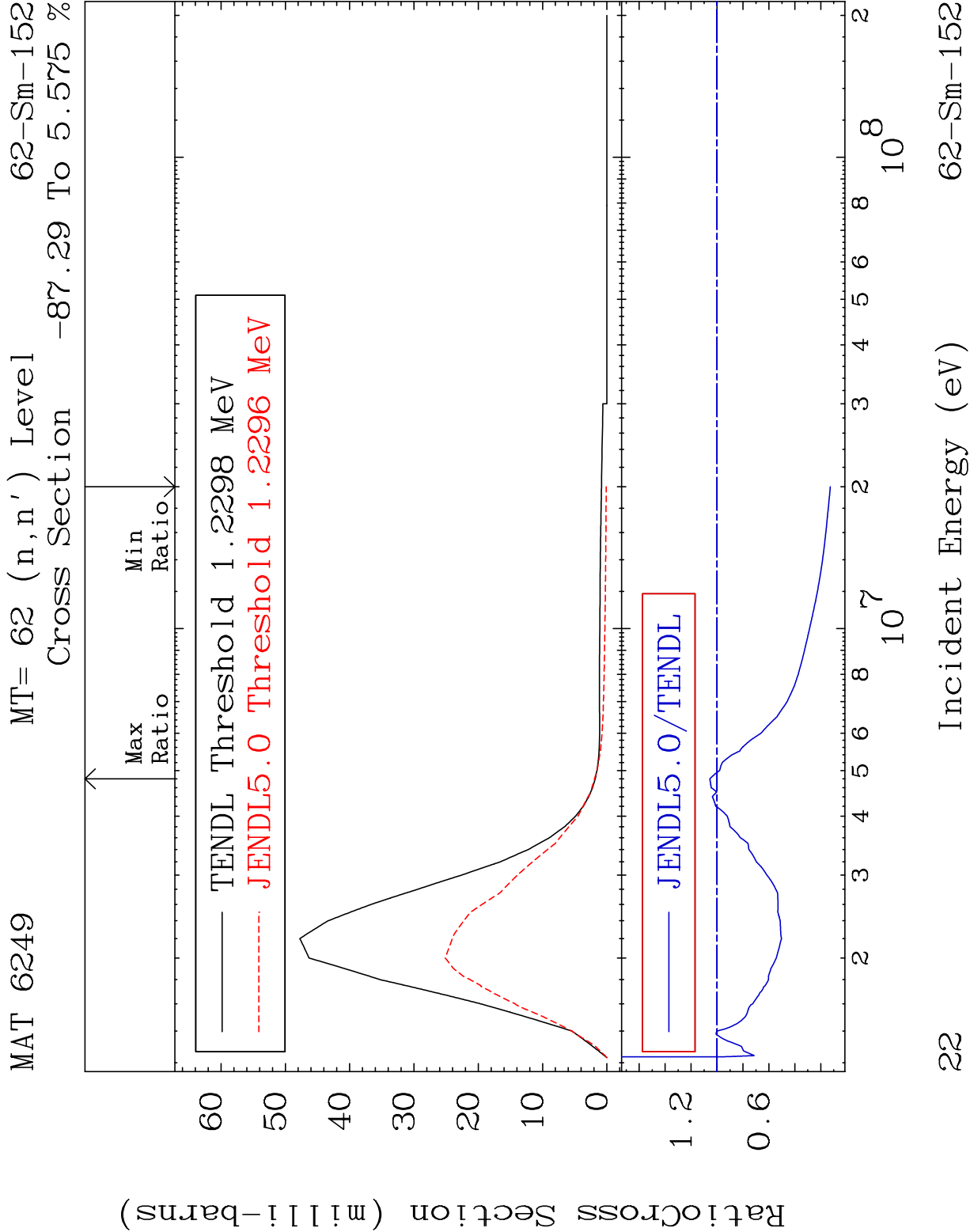


MAT 6249 MT= 60 (n,n') Level 62-Sm-152
Cross Section -100.0 To 570.3 %



MAT 6249 MT= 61 (n,n') Level 62-Sm-152
Cross Section -37.11 To 149.9 %





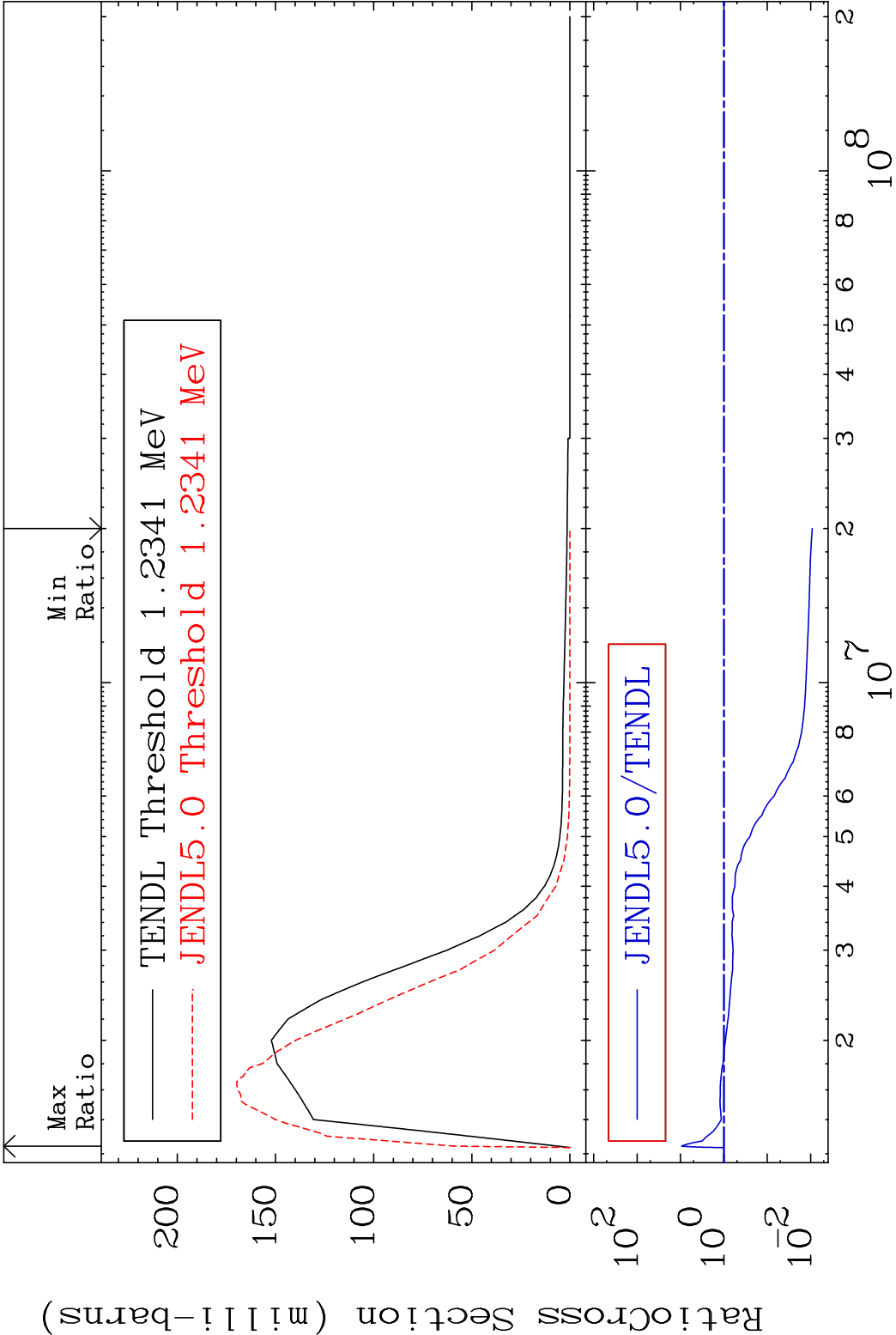
MAT 6249

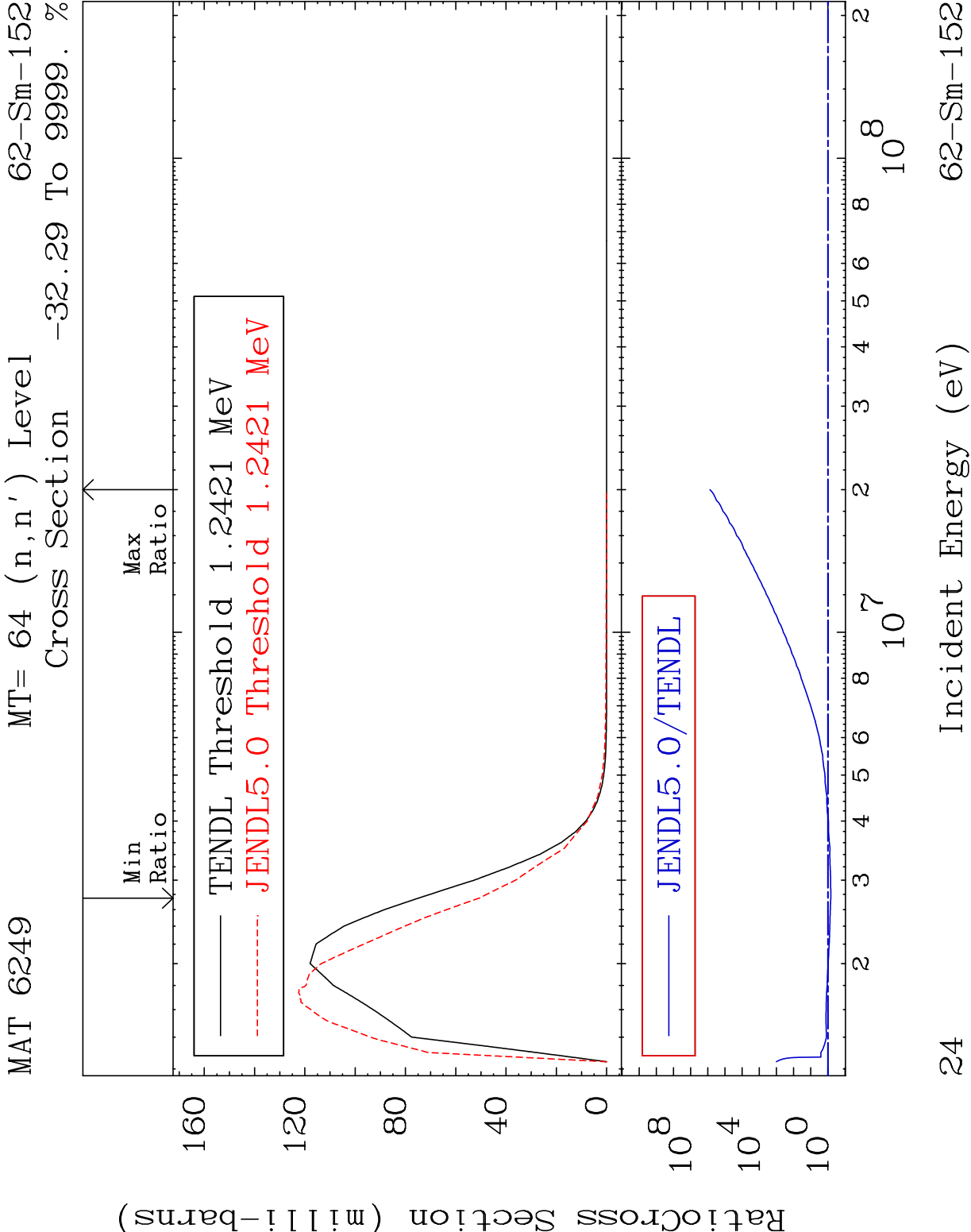
MT= 63 (n,n') Level

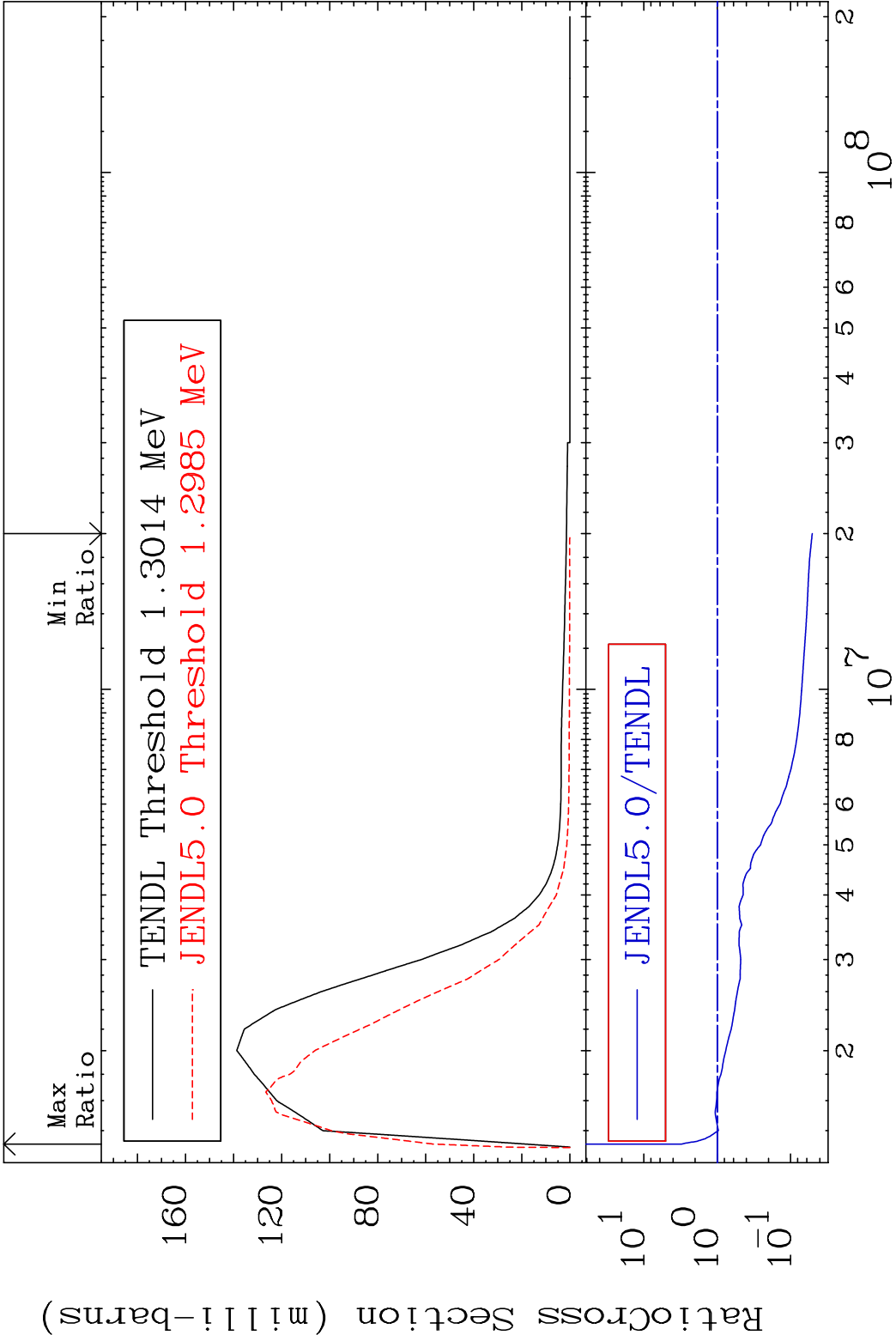
62-Sm-152

Cross Section

-99.08 To 845.3 %







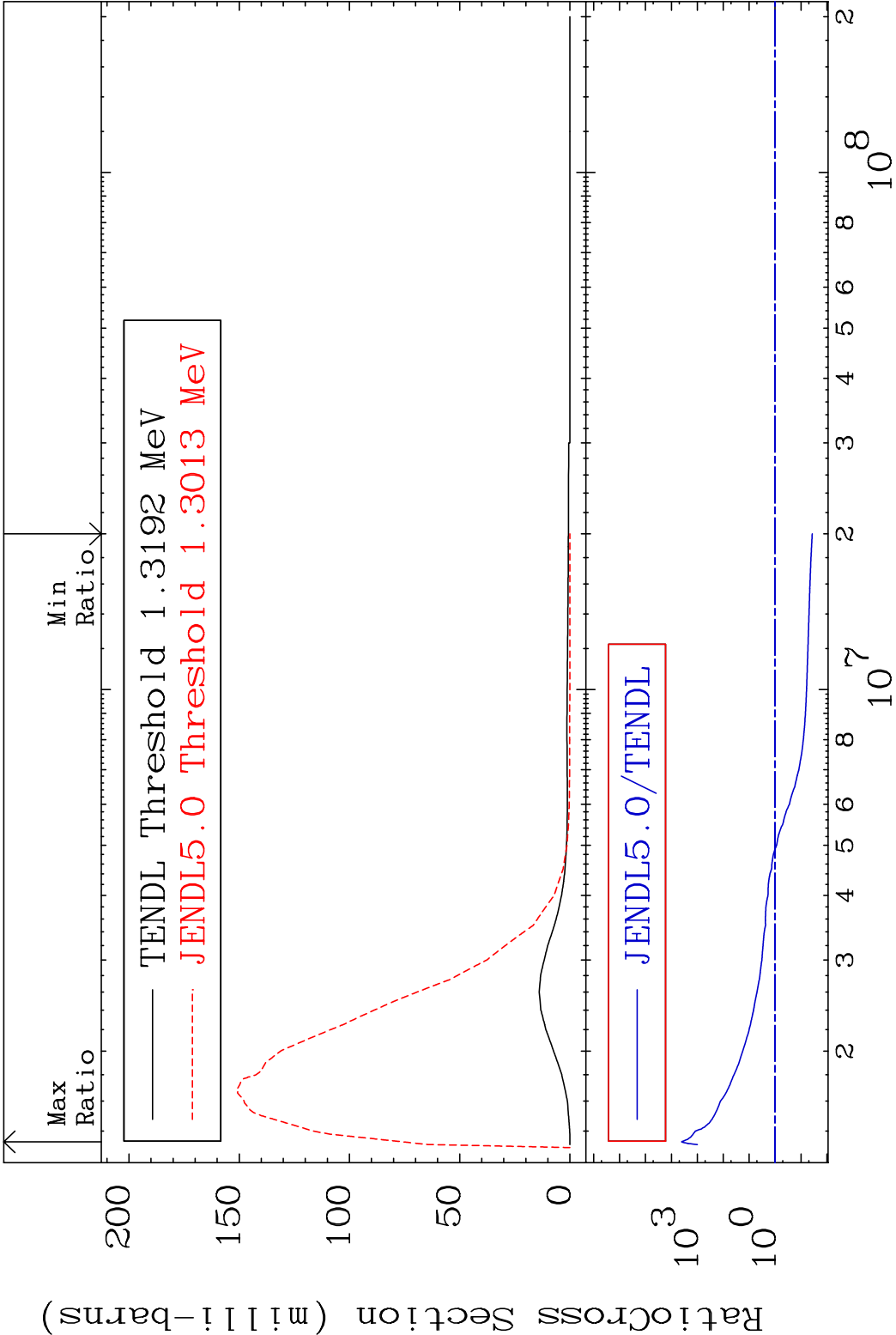
MAT 6249

MT= 66 (n,n') Level

62-Sm-152

Cross Section

-96.33 To 9999. %



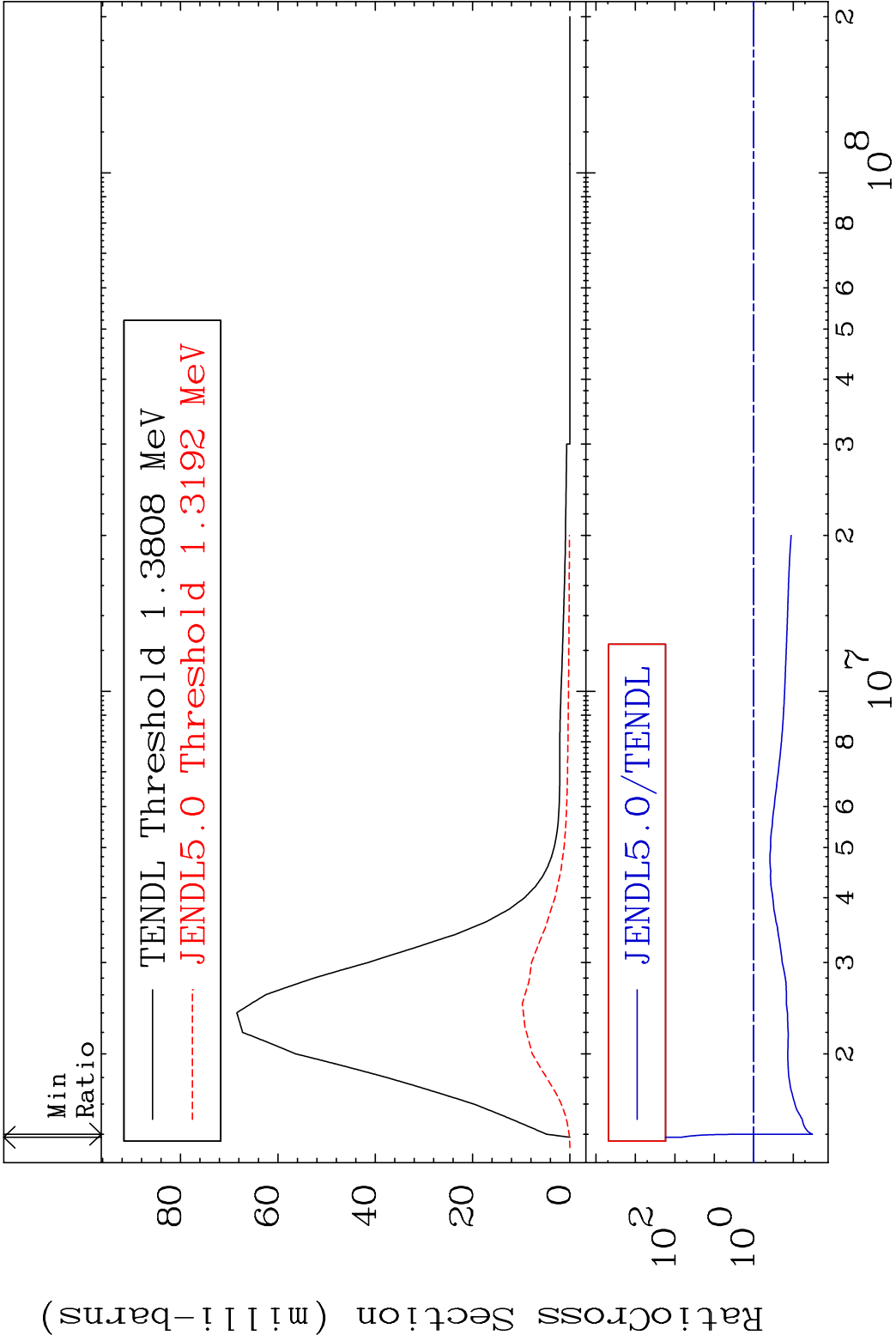
MAT 6249

MT= 67 (n,n') Level

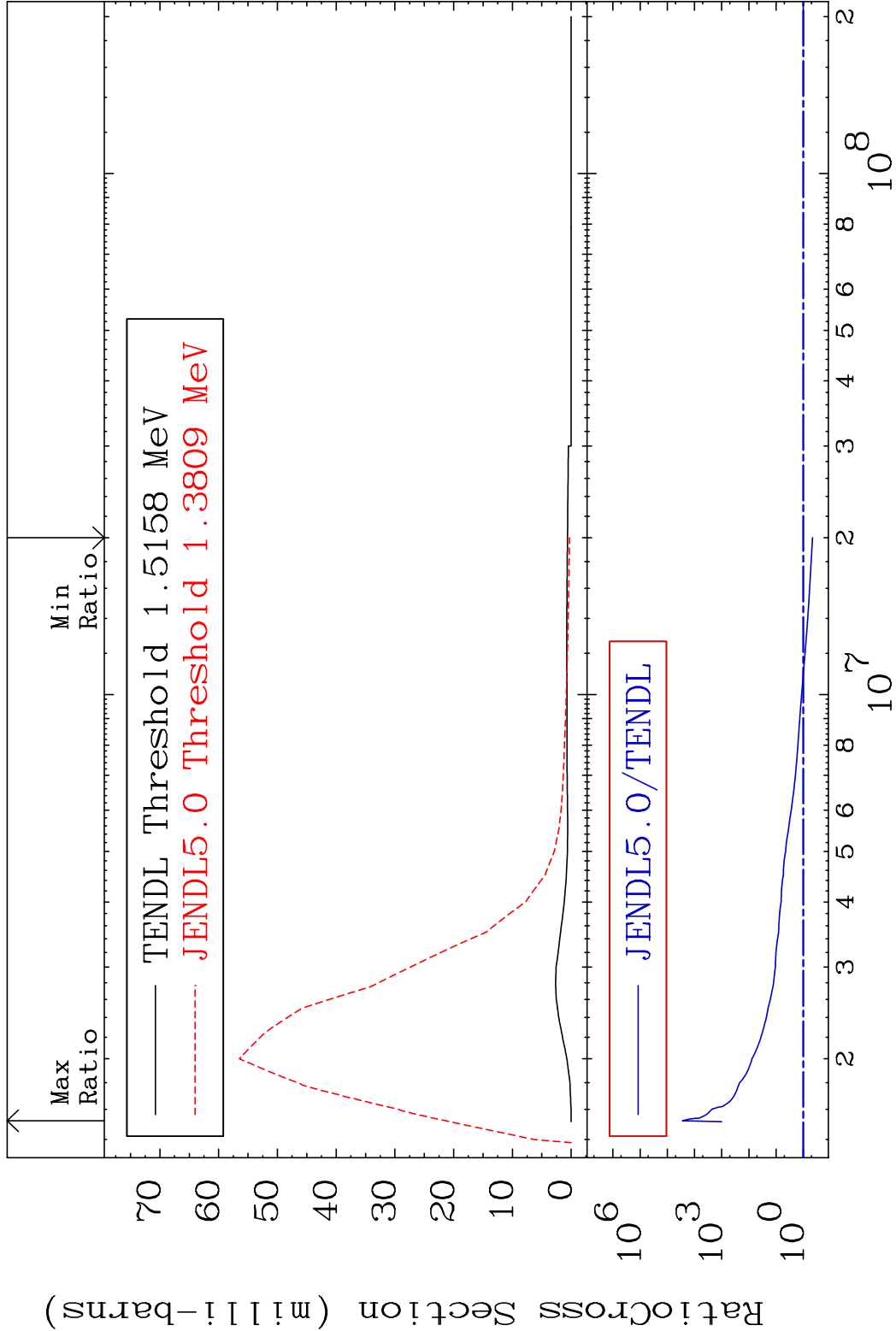
62-Sm-152

Cross Section

-96.71 To 6671. %



MAT 6249 MT= 68 (n,n') Level 62-Sm-152
Cross Section -54.43 To 9999. %

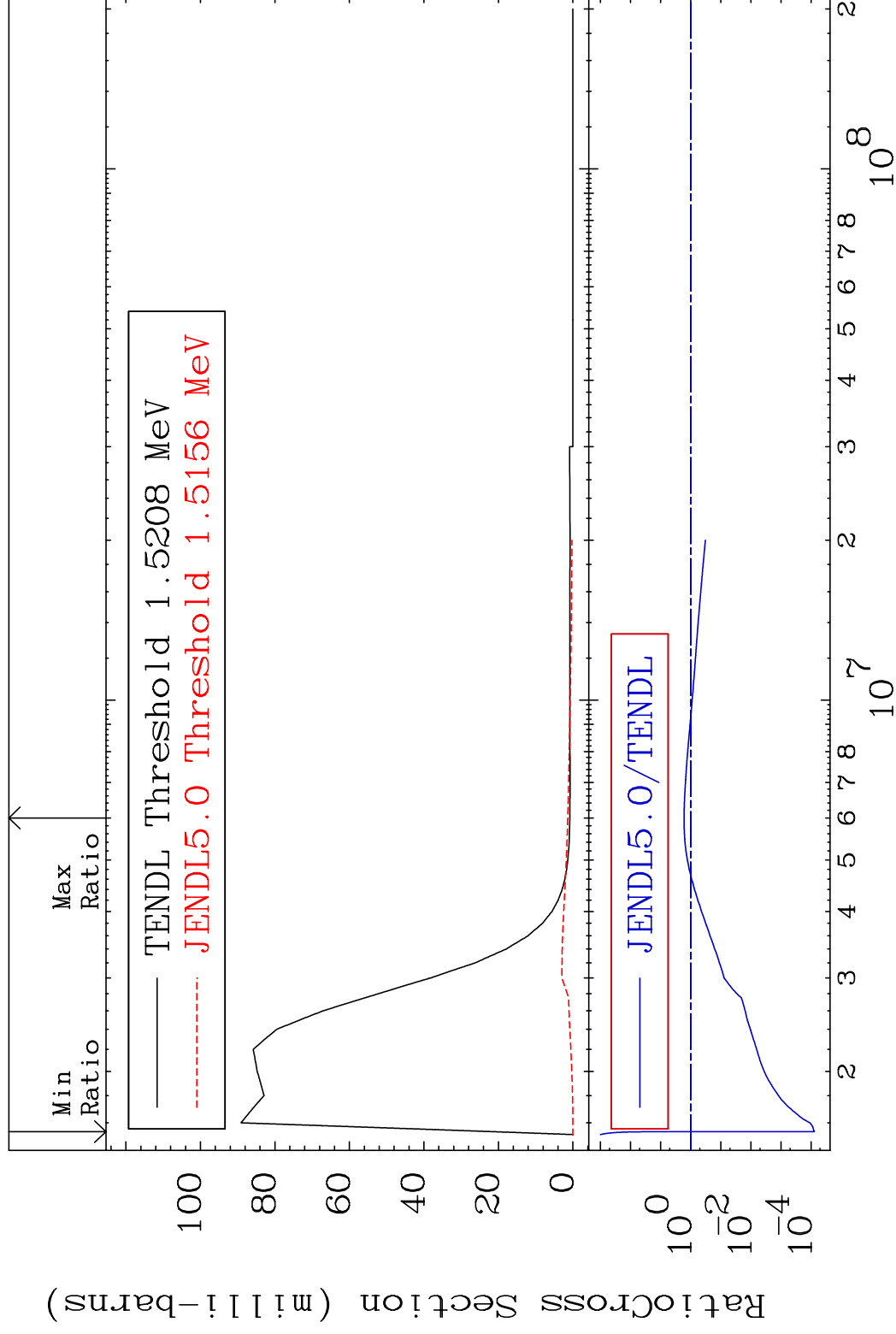


MAT 6249

MT= 69 (n, n') Level

62-Sm-152

Cross Section -99.99 To 65.91 %



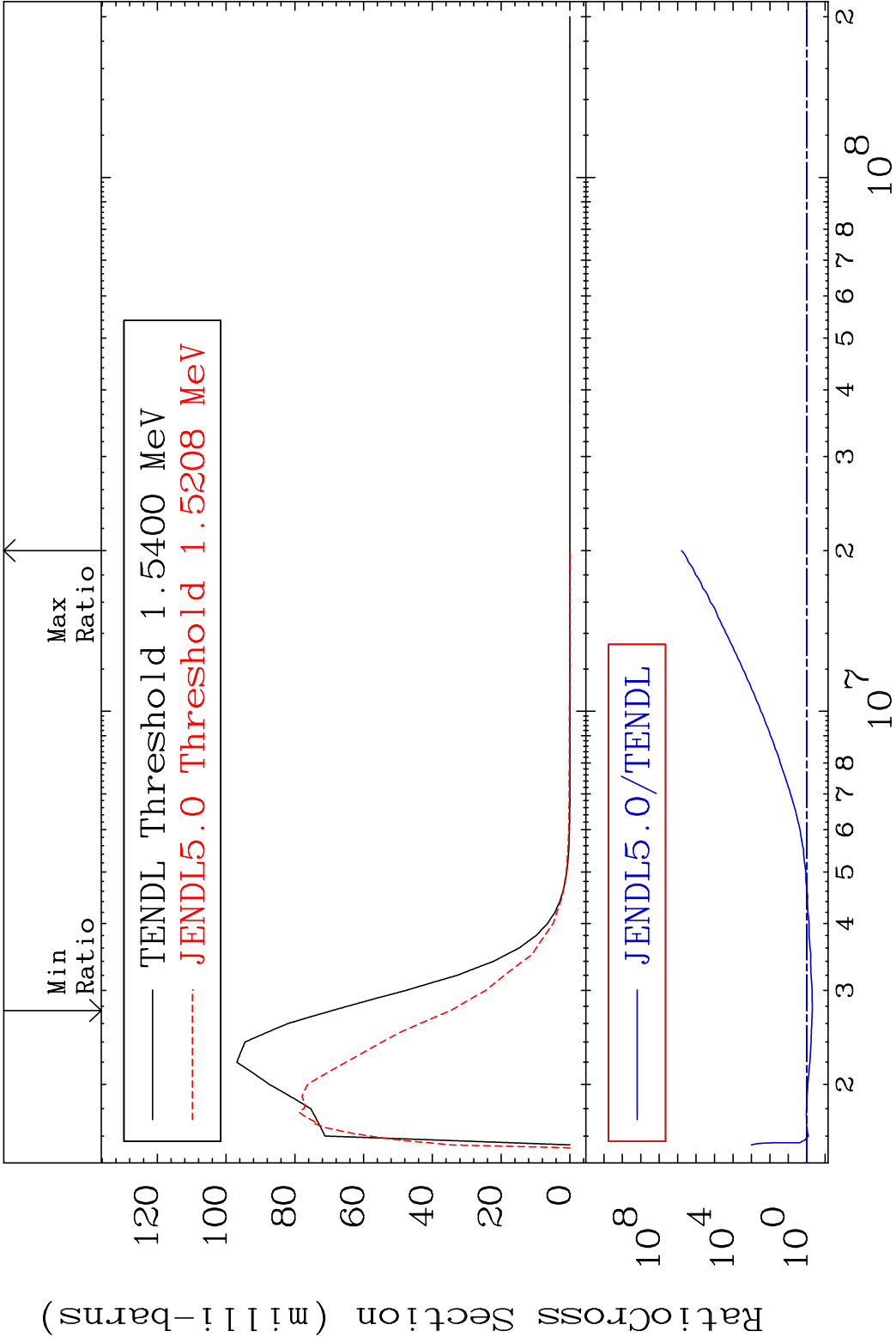
MAT 6249

MT= 70 (n,n') Level

62-Sm-152

Cross Section

-49.88 To 9999. %



MAT 6249

MT= 71 (n,n')

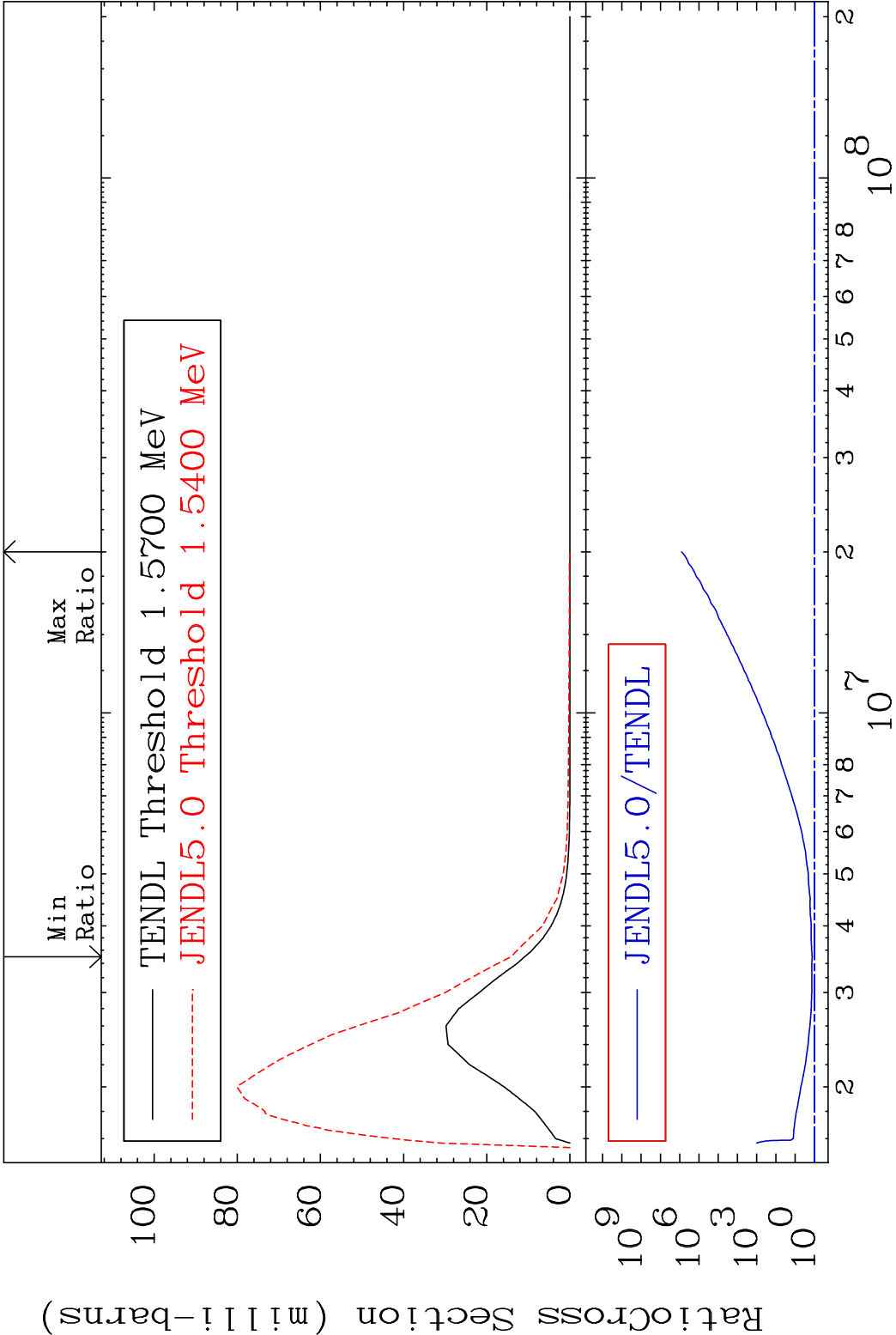
Level

62-Sm-152

Cross Section

29.94

To 9999. %



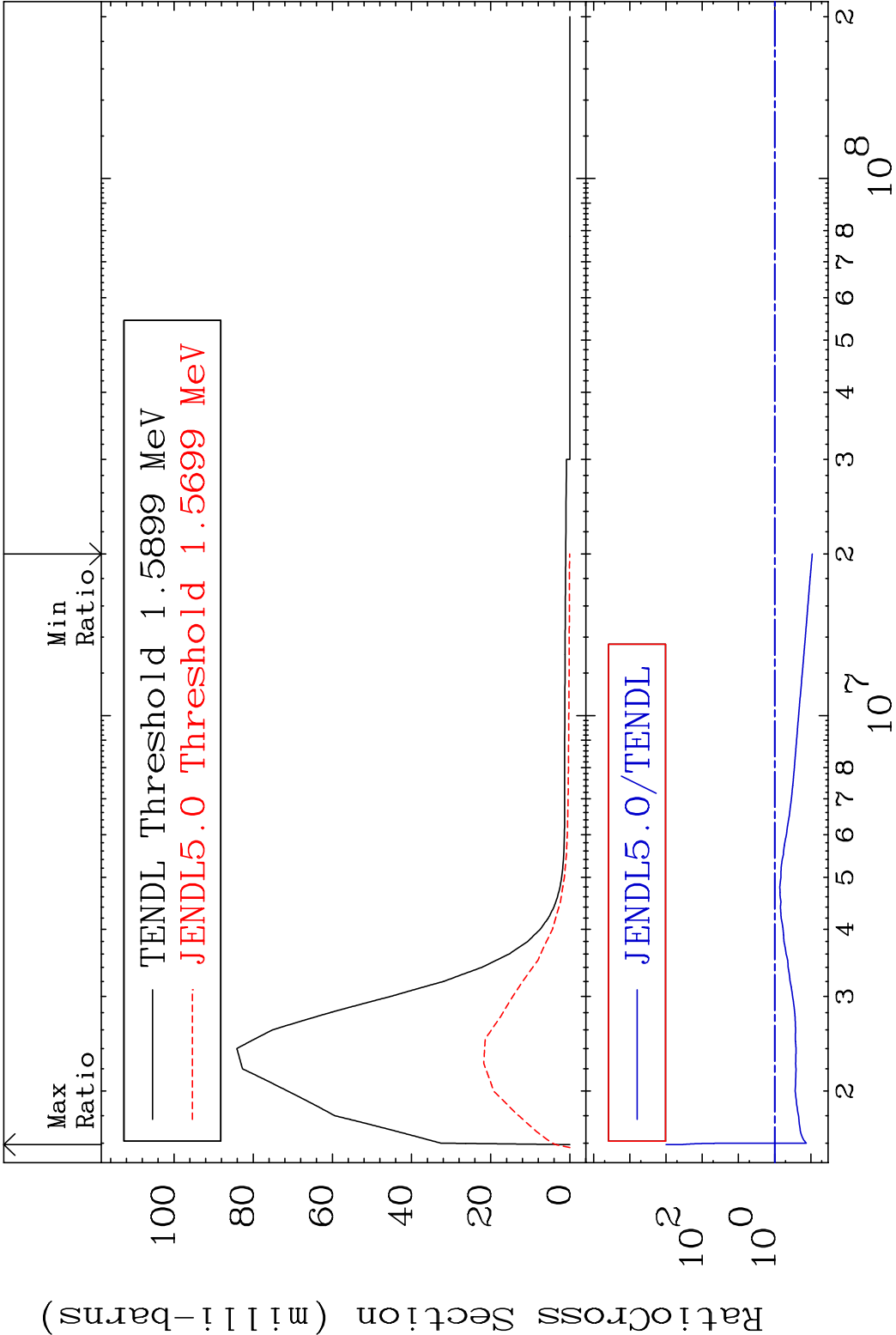
MAT 6249

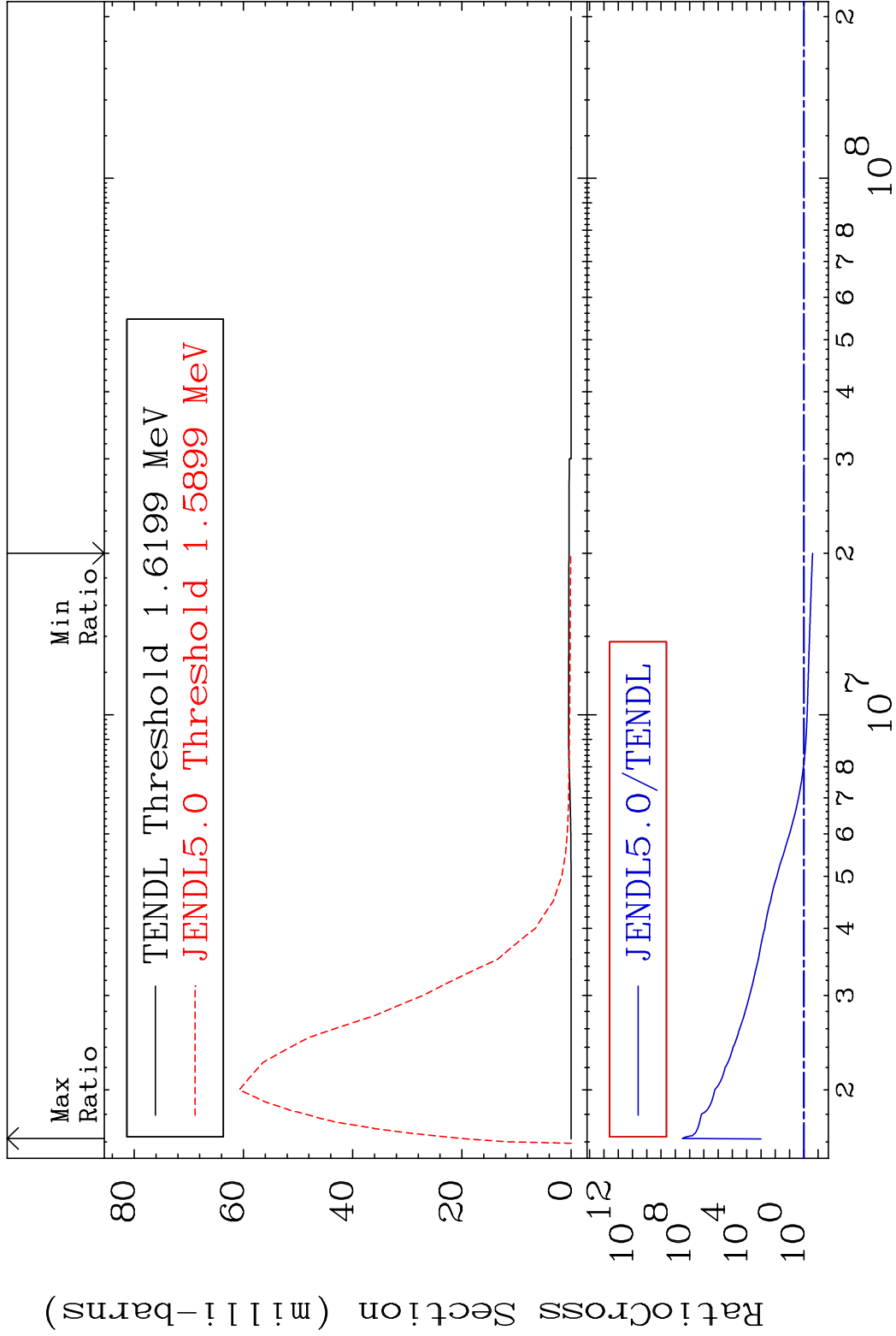
MT= 72 (n,n') Level

62-Sm-152

Cross Section

-90.86 To 9999. %





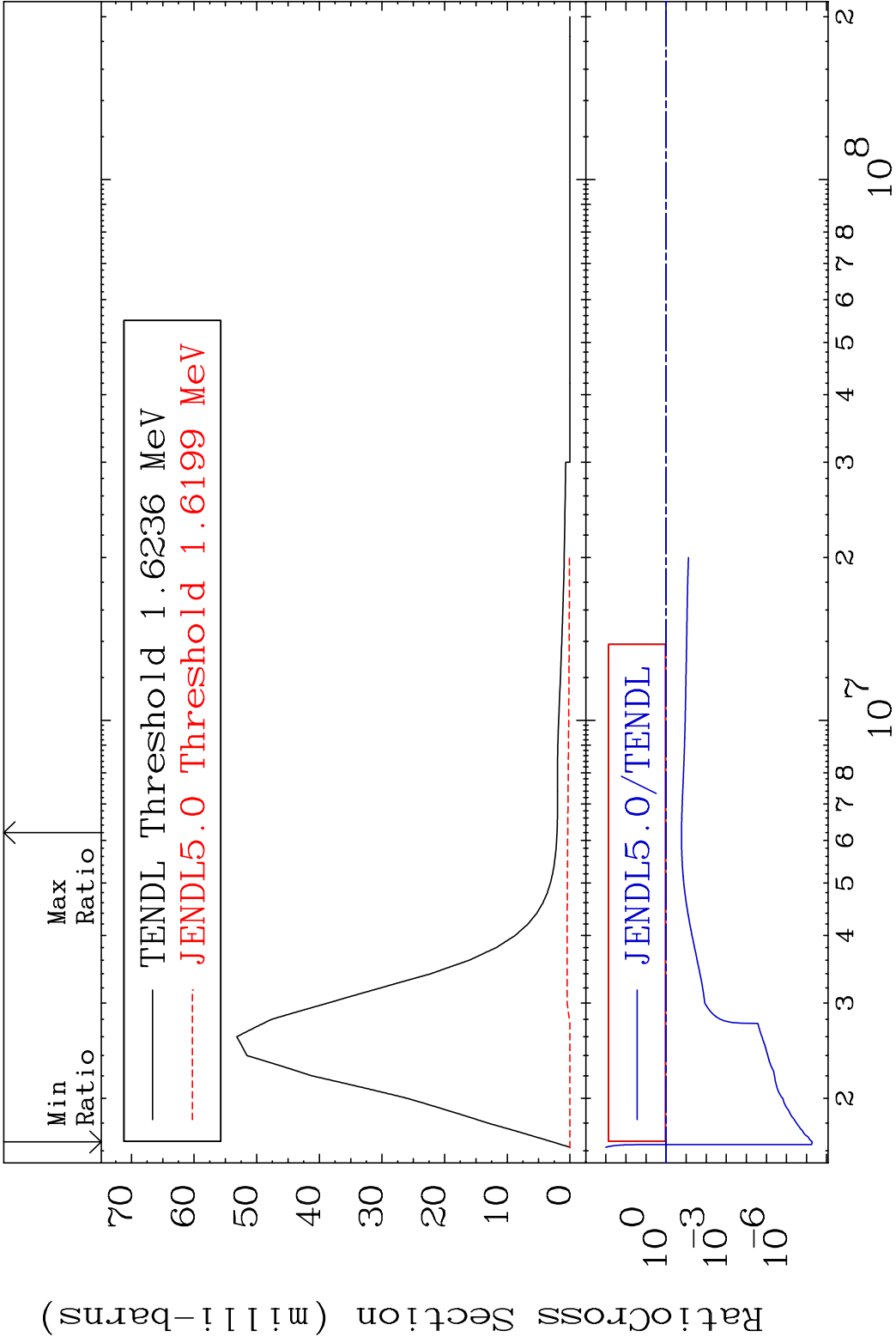
MAT 6249

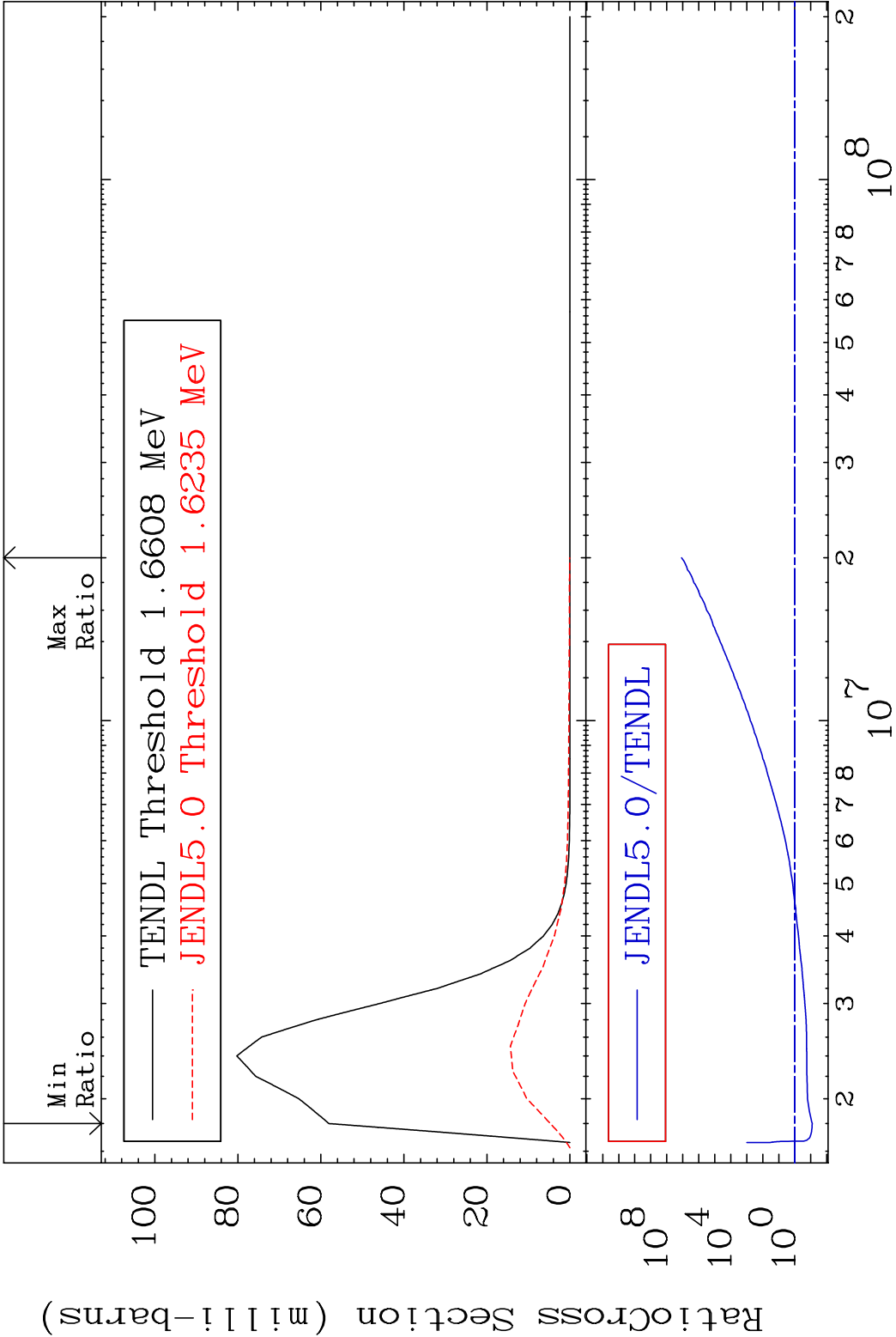
MT= 74 (n,n') Level

62-Sm-152

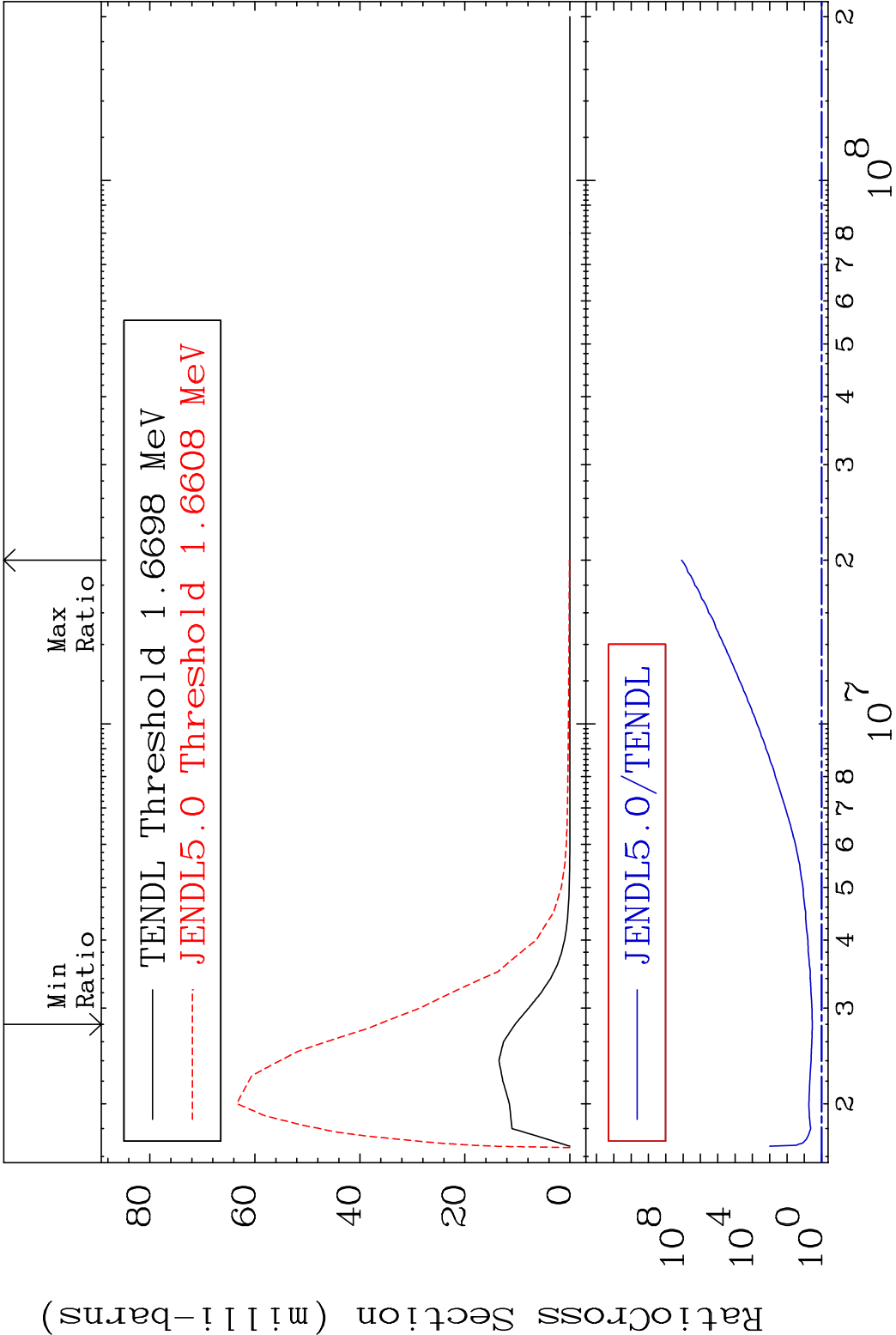
Cross Section

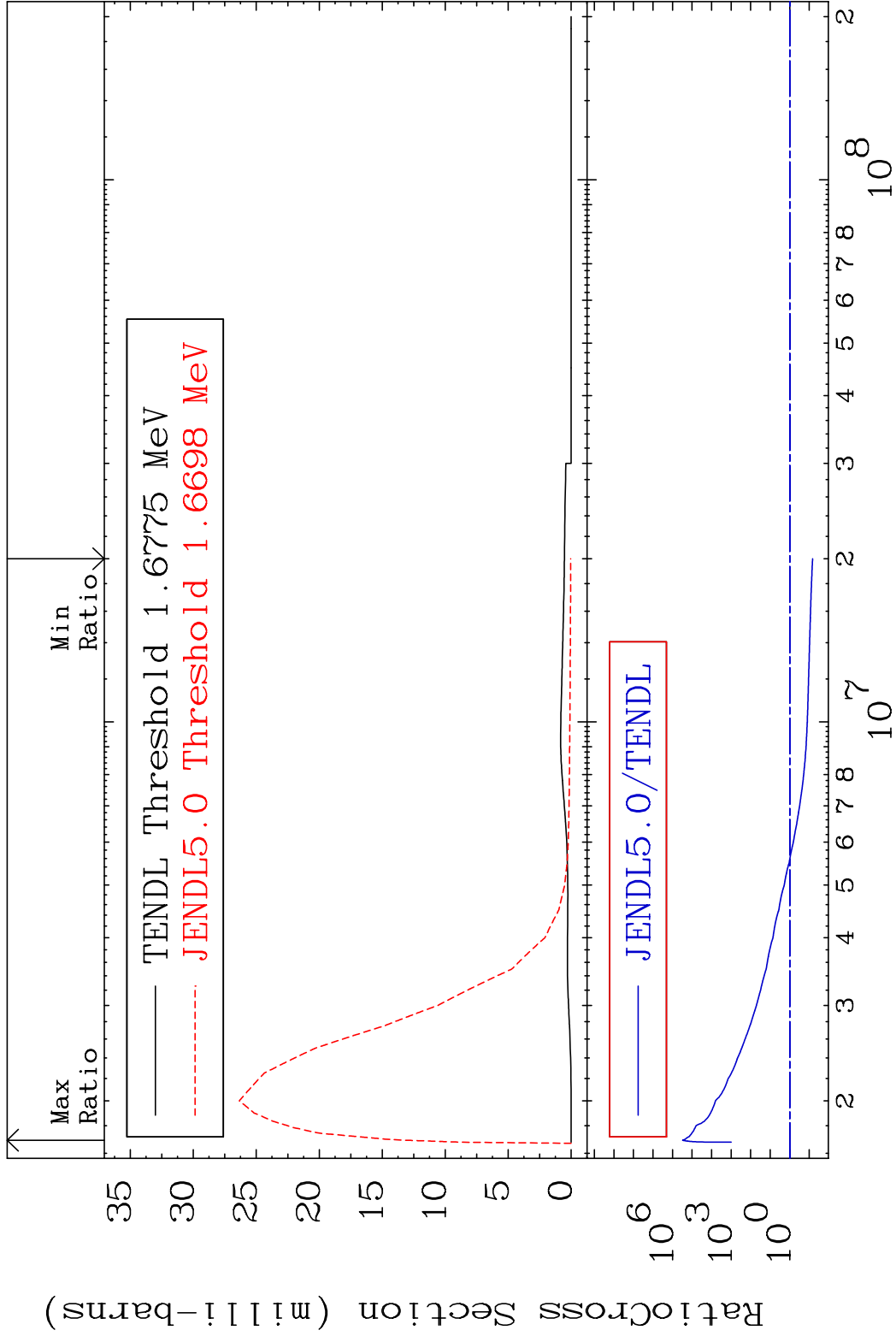
-100.0 To -83.03%





MAT 6249	MT= 76 (n,n')	Level	62-Sm-152
	Cross Section	249.8	To 9999. %





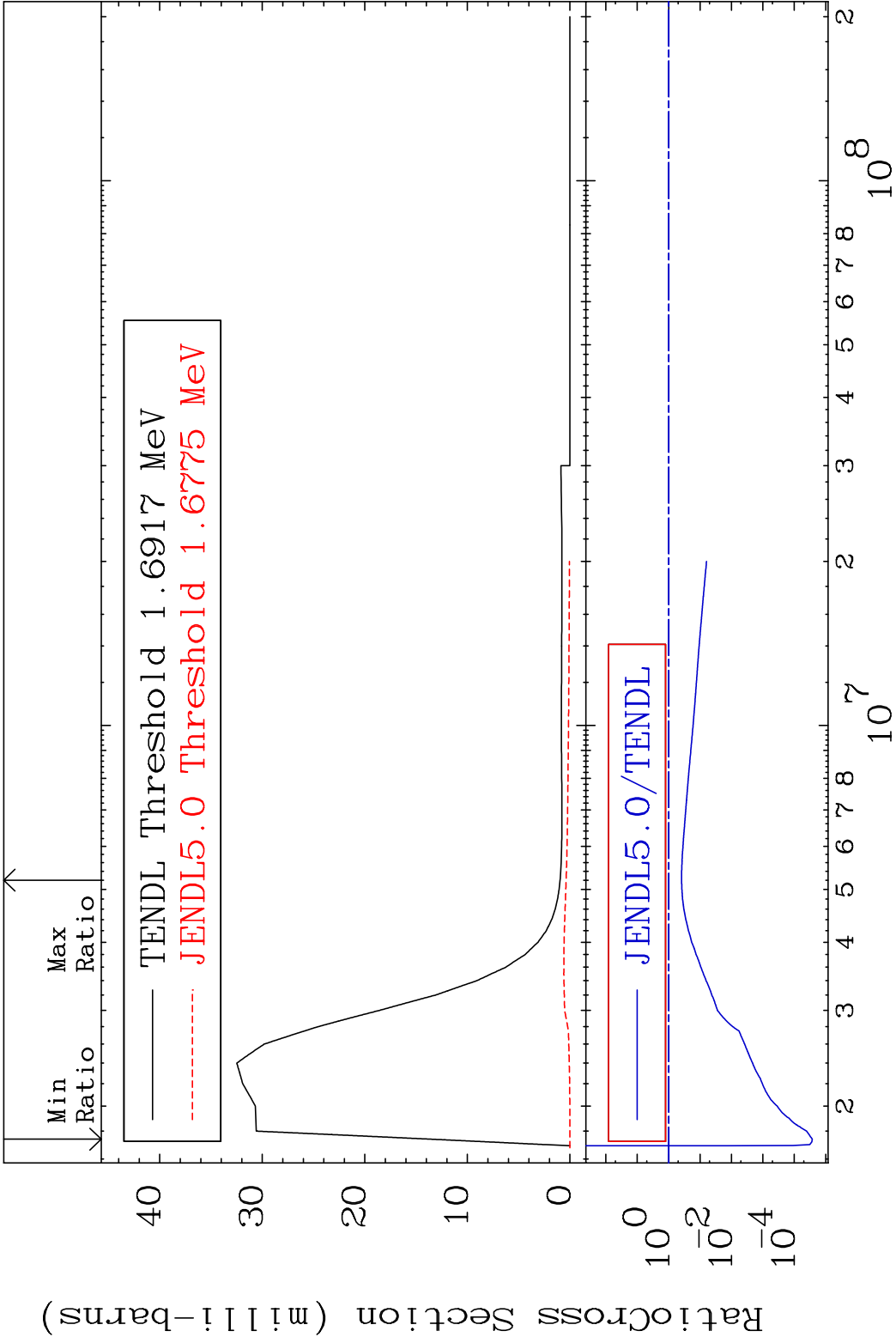
MAT 6249

MT= 78 (n,n') Level

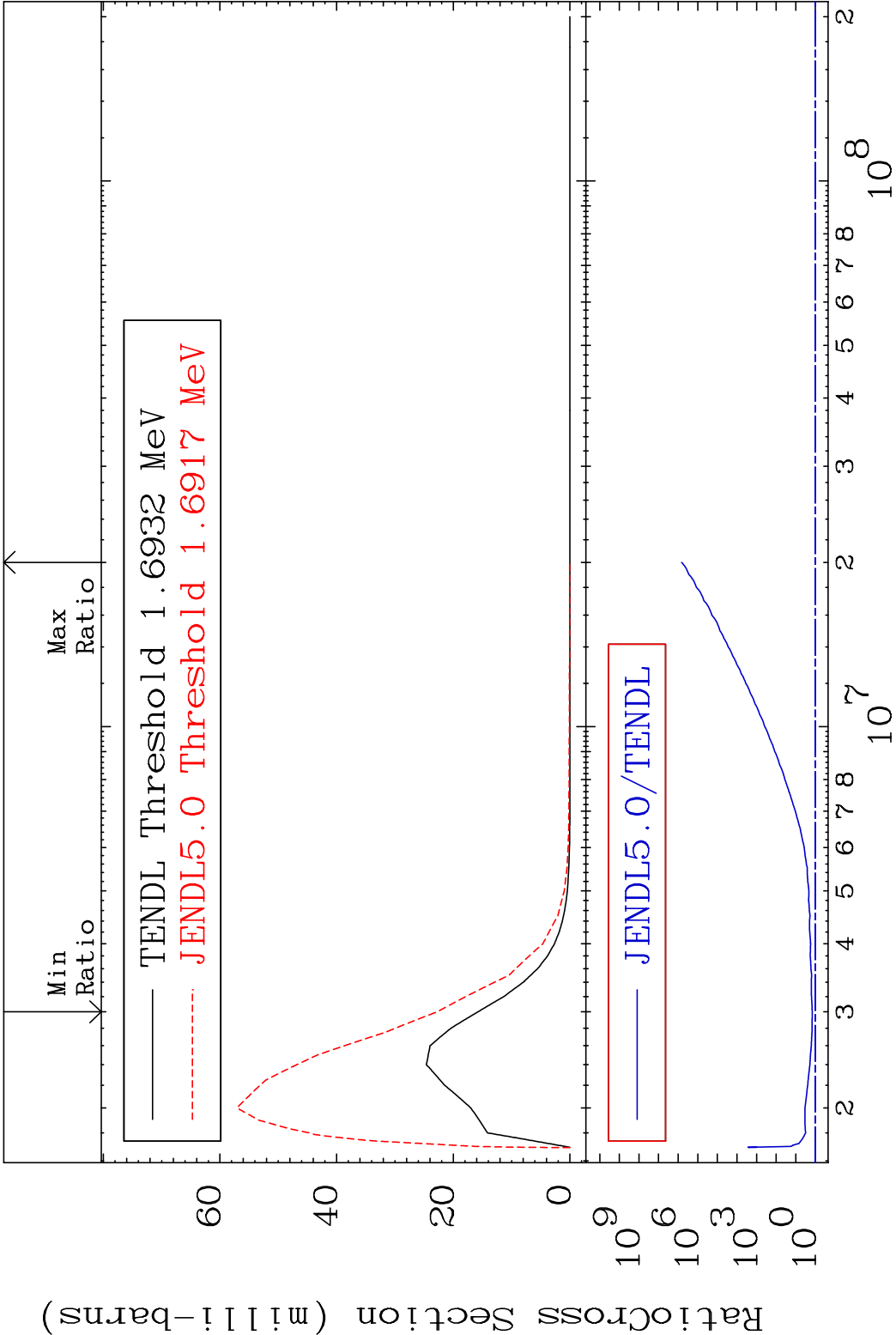
62-Sm-152

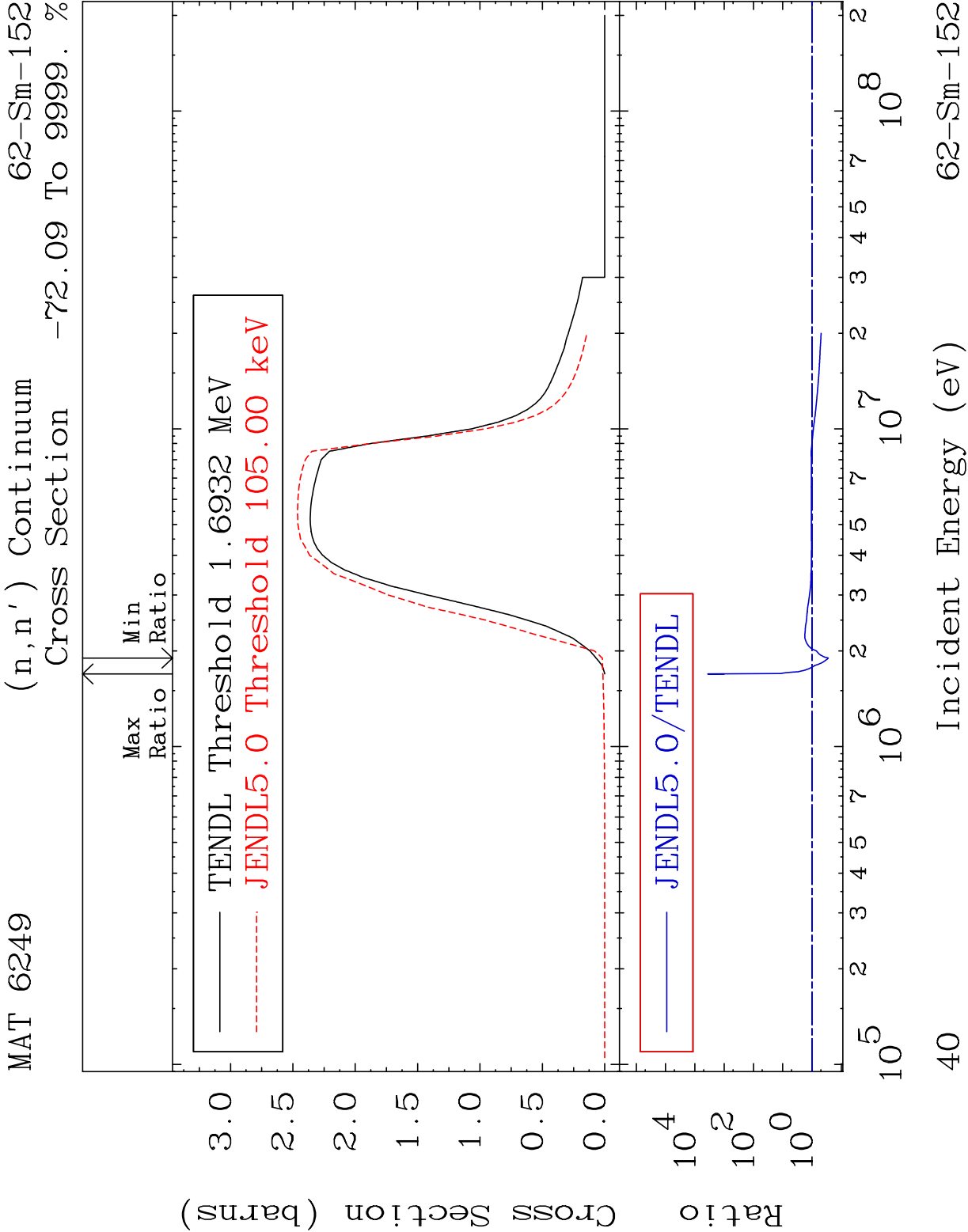
Cross Section

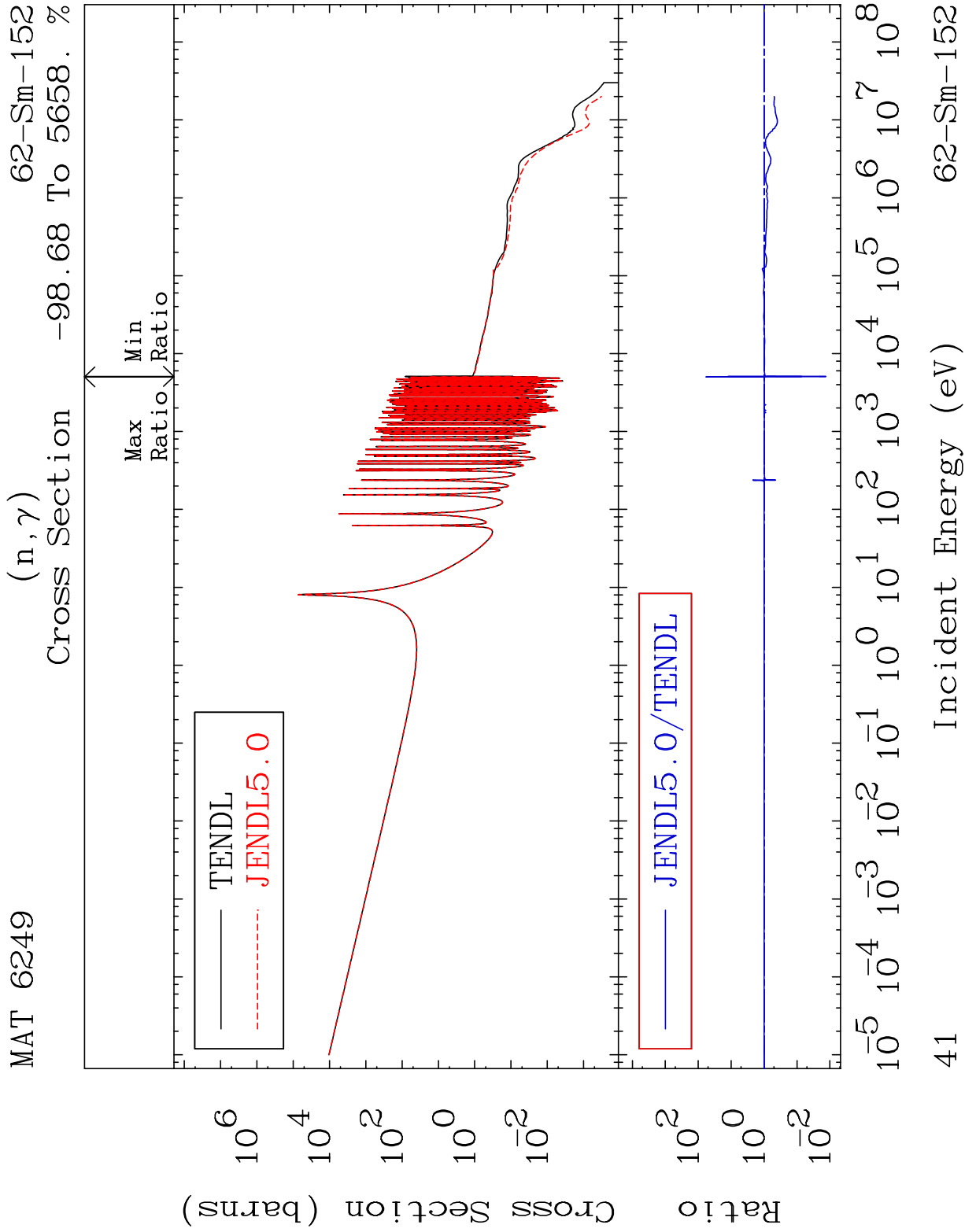
-100.0 To -61.06%

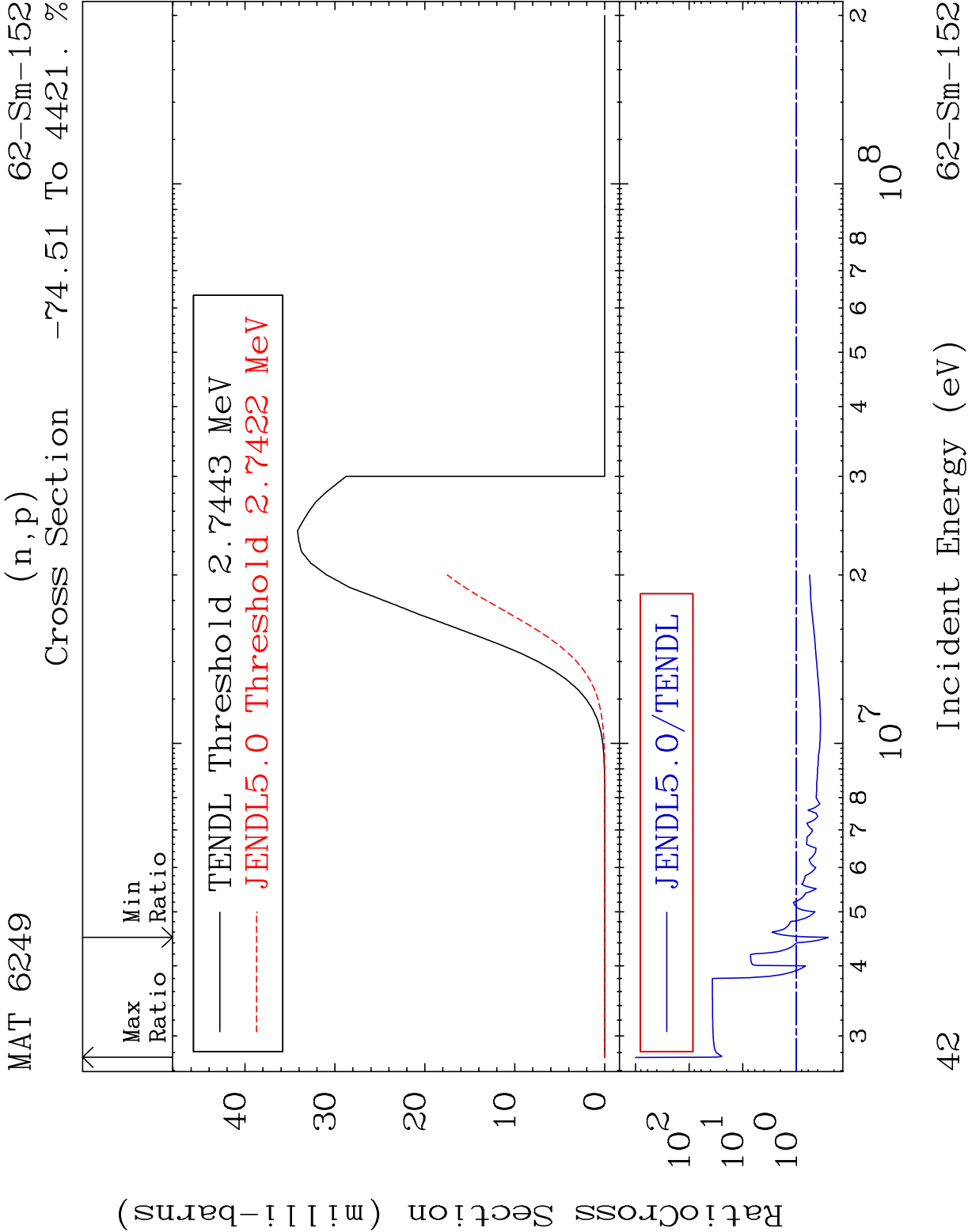


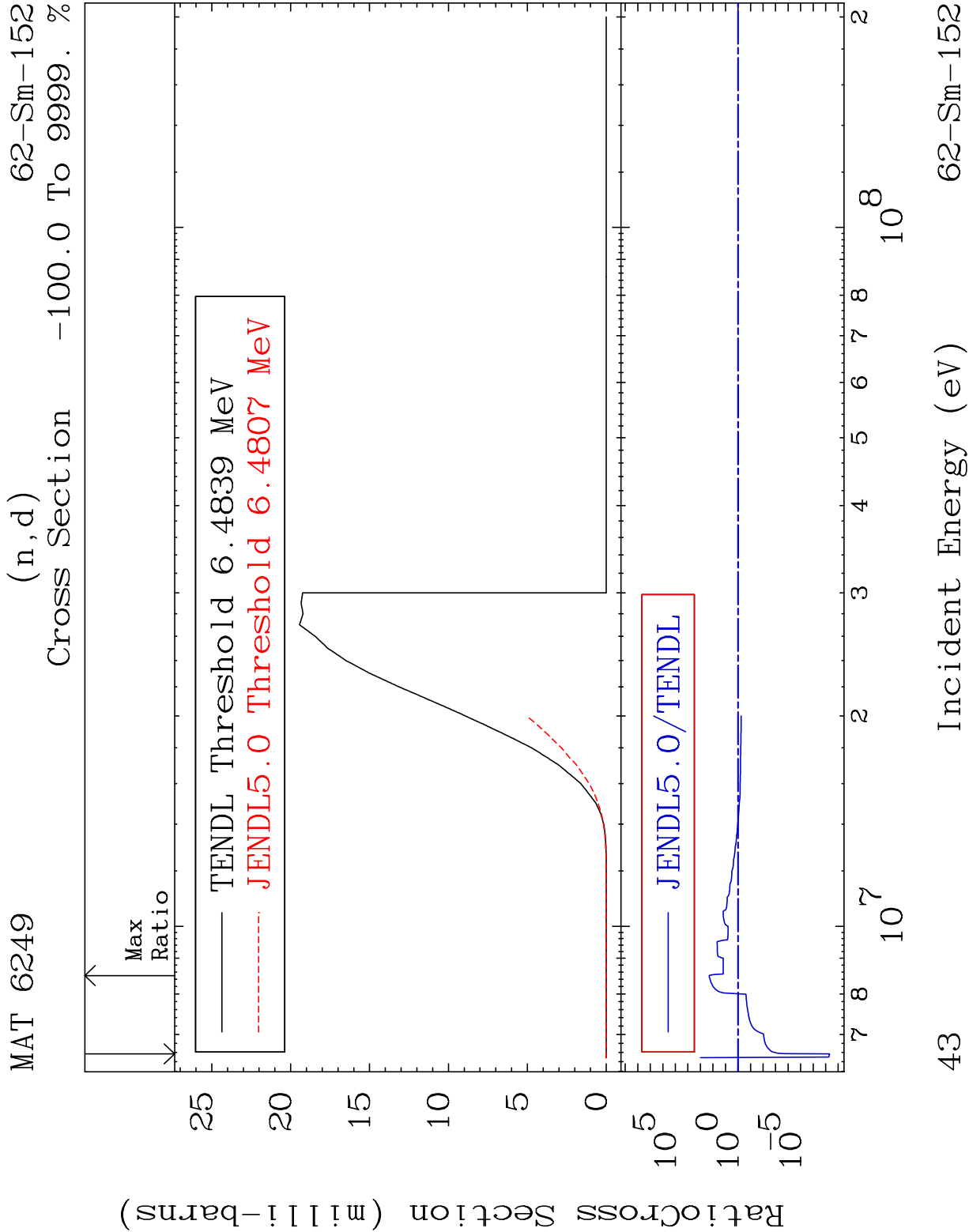
MAT 6249 MT= 79 (n,n') Level 62-Sm-152
Cross Section 44.40 To 9999. %

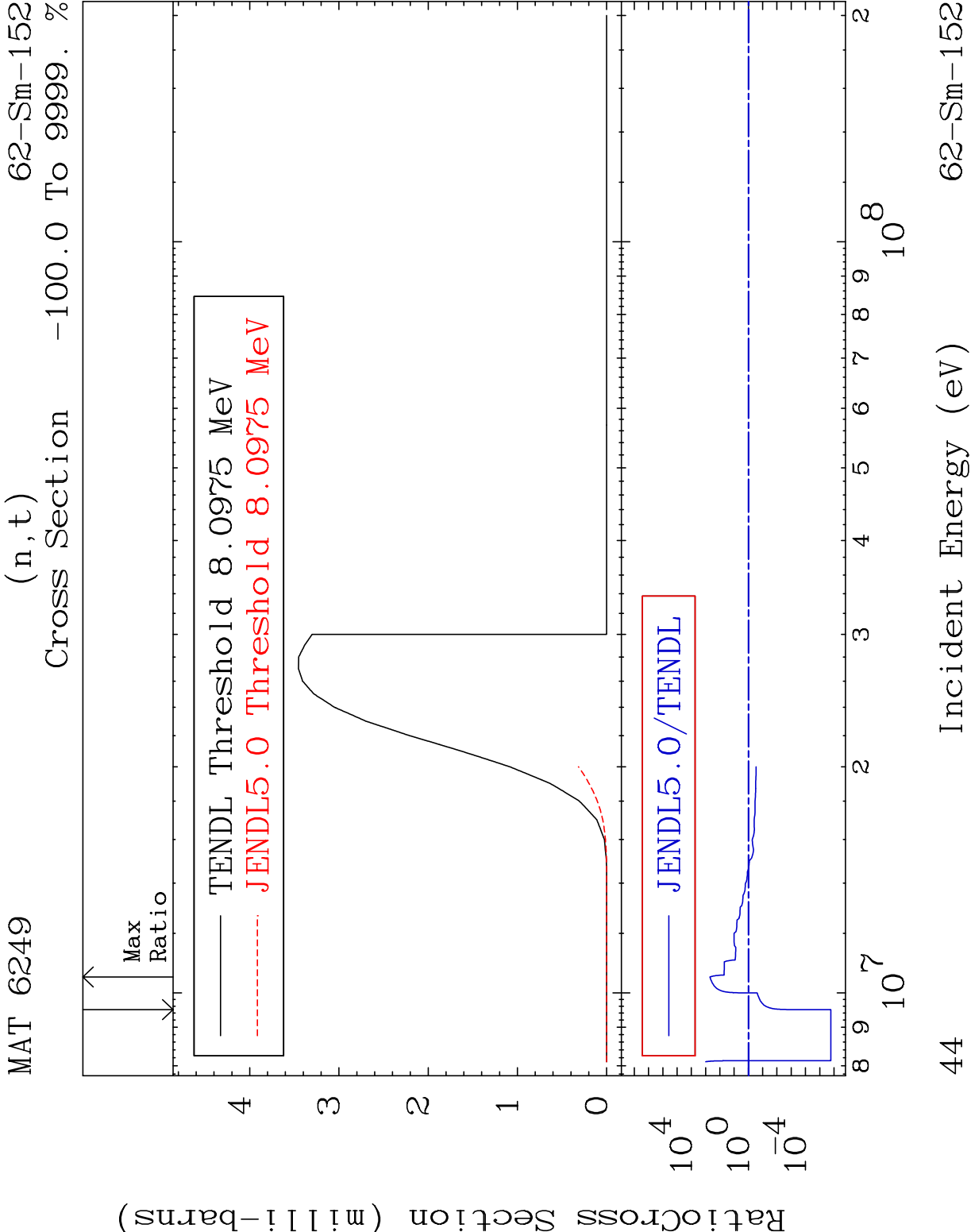


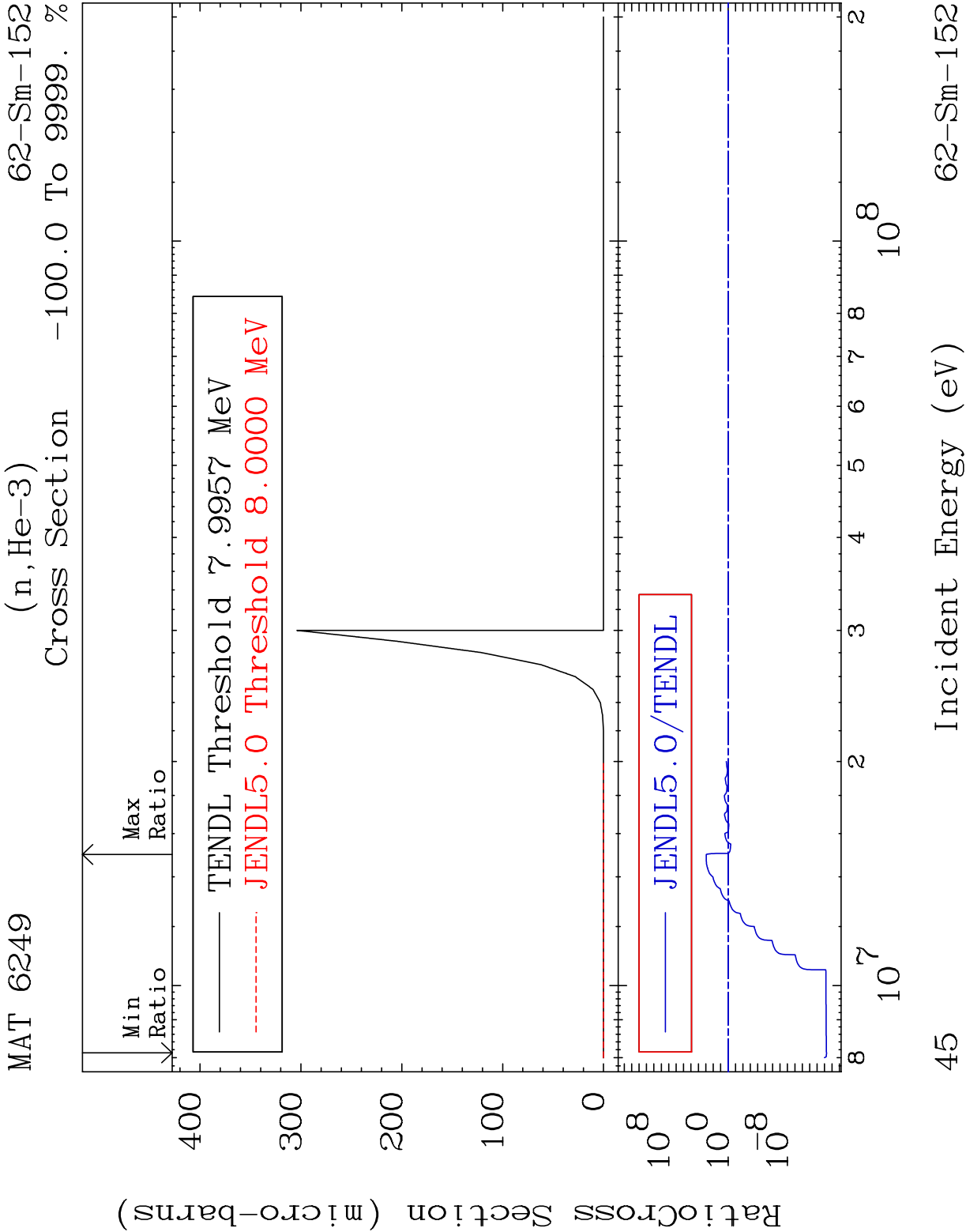


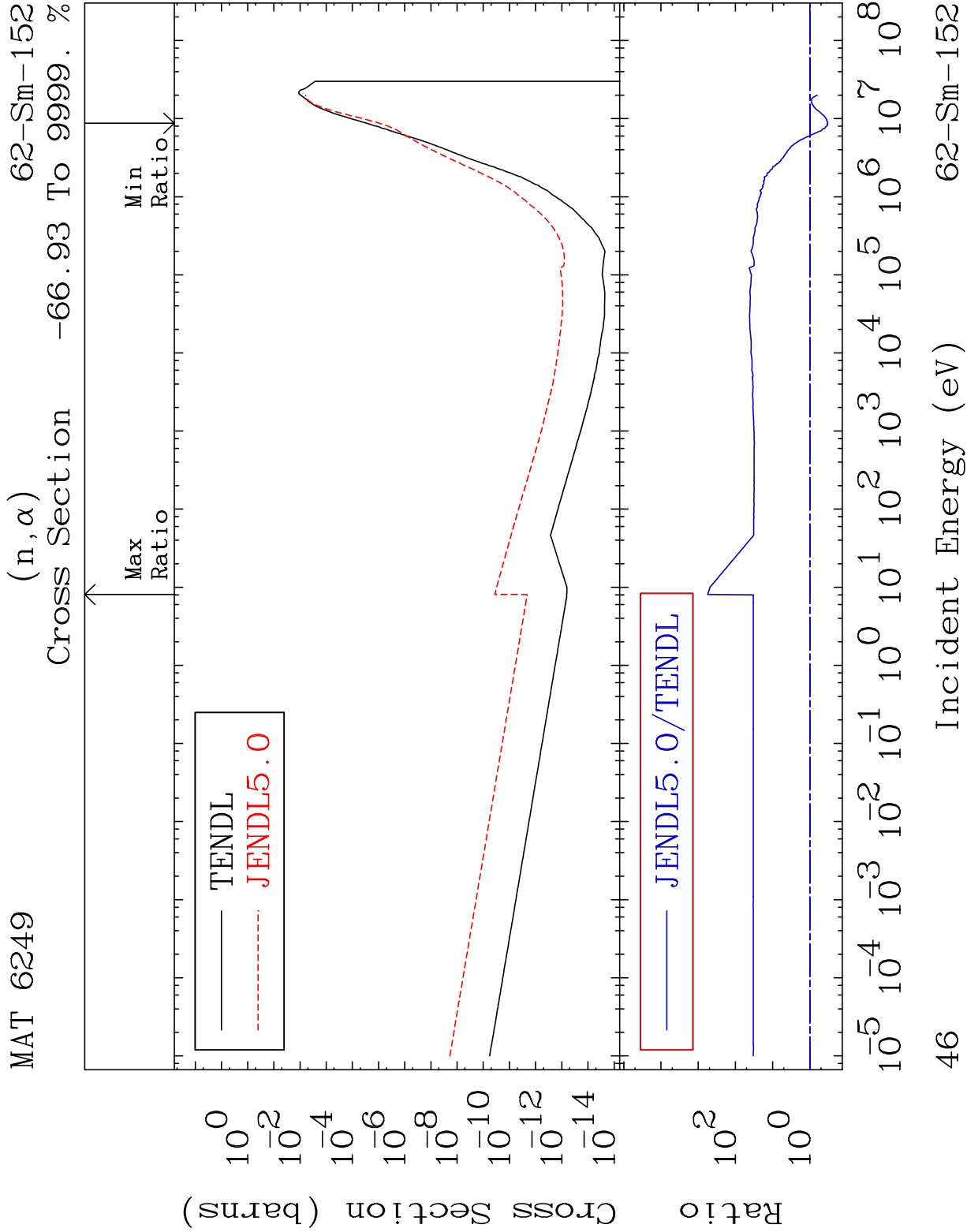


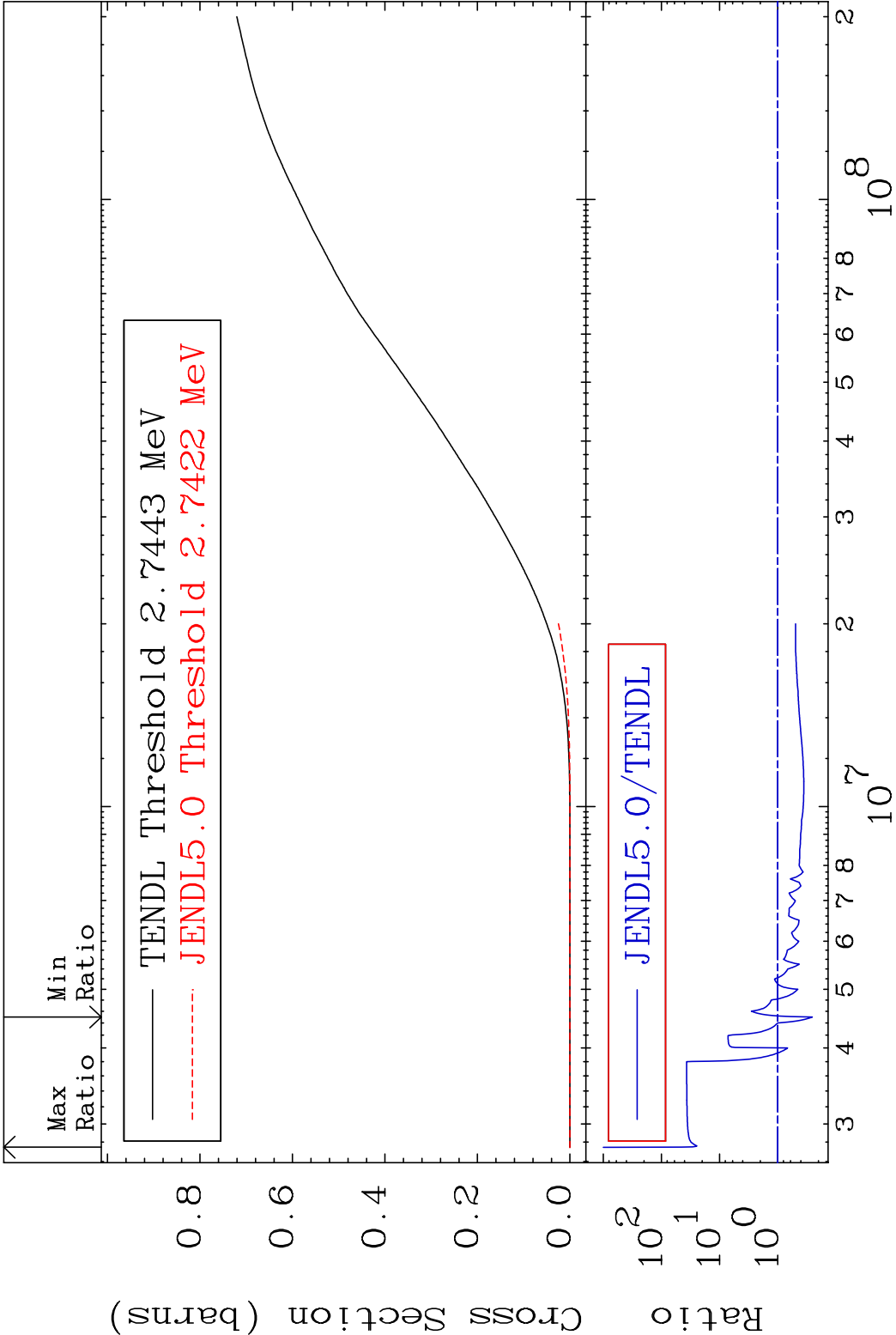


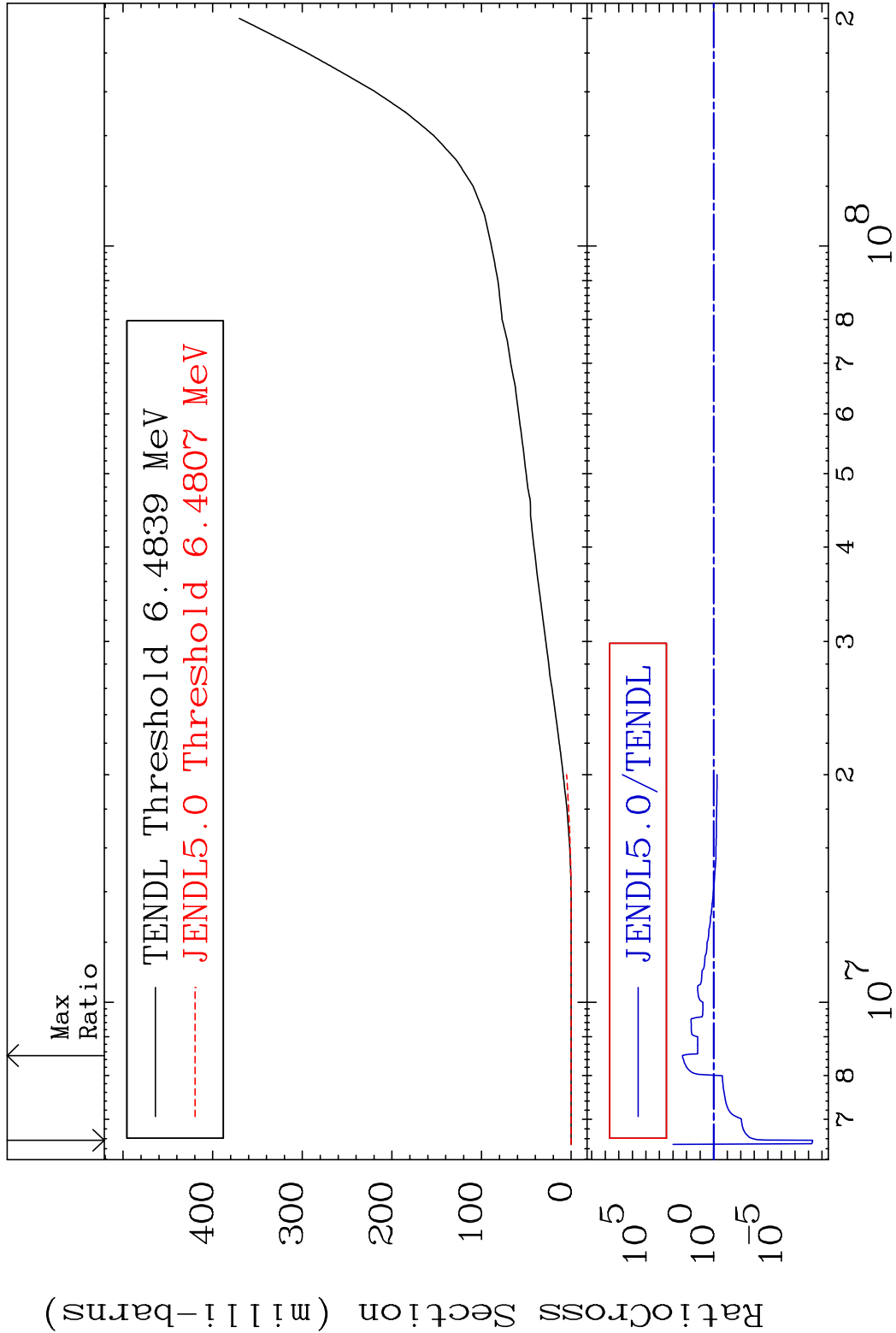












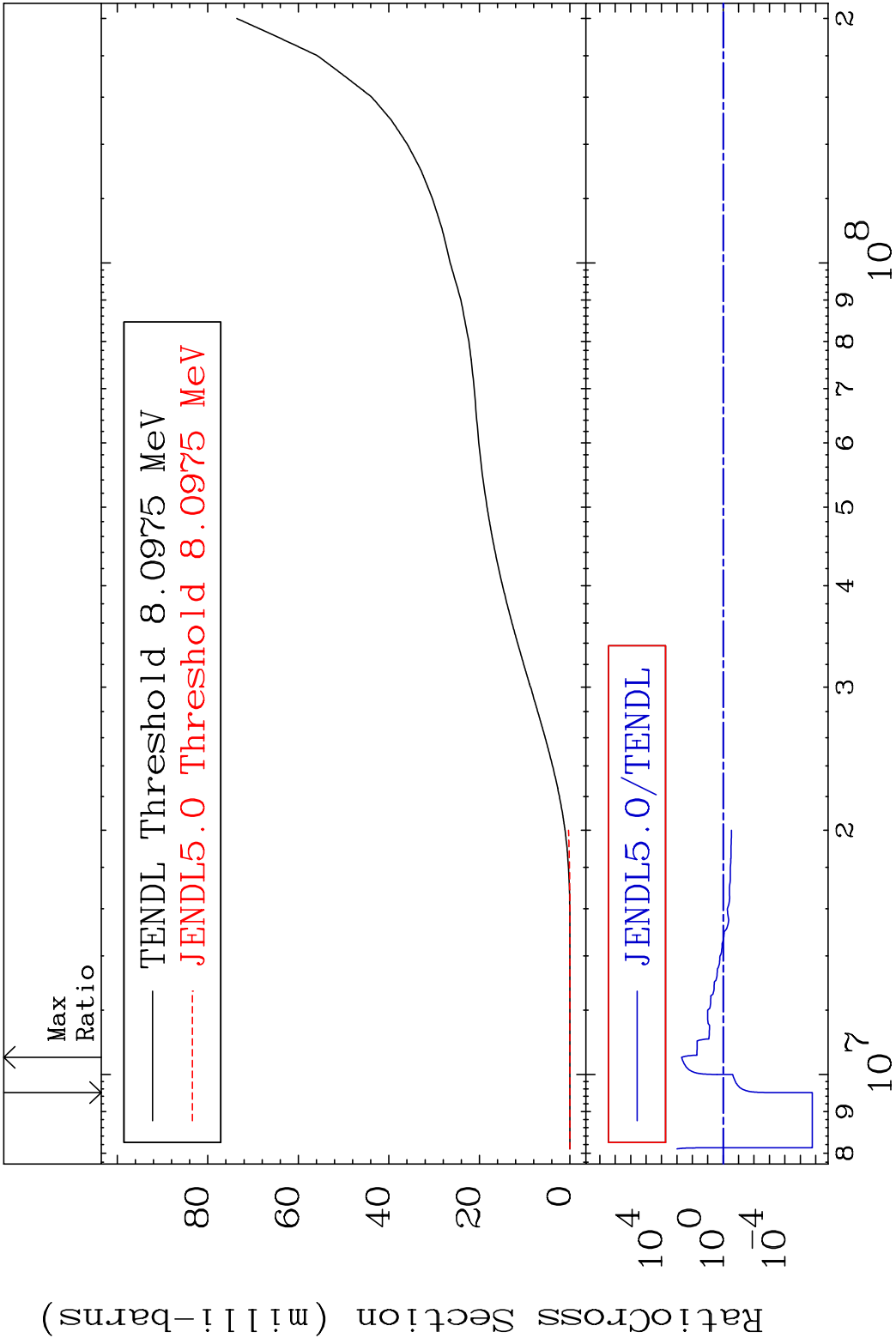
MAT 6249

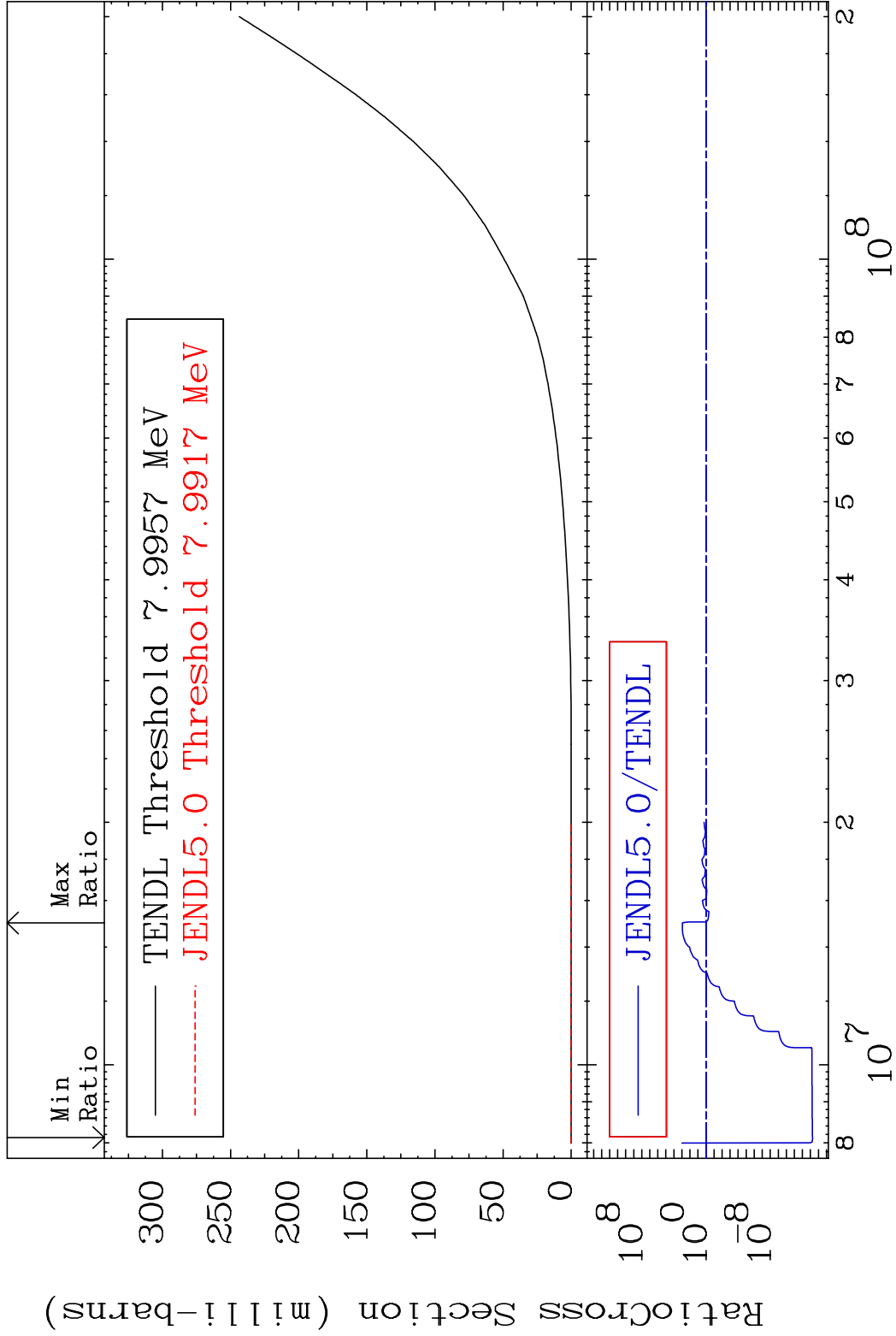
Tritium Production

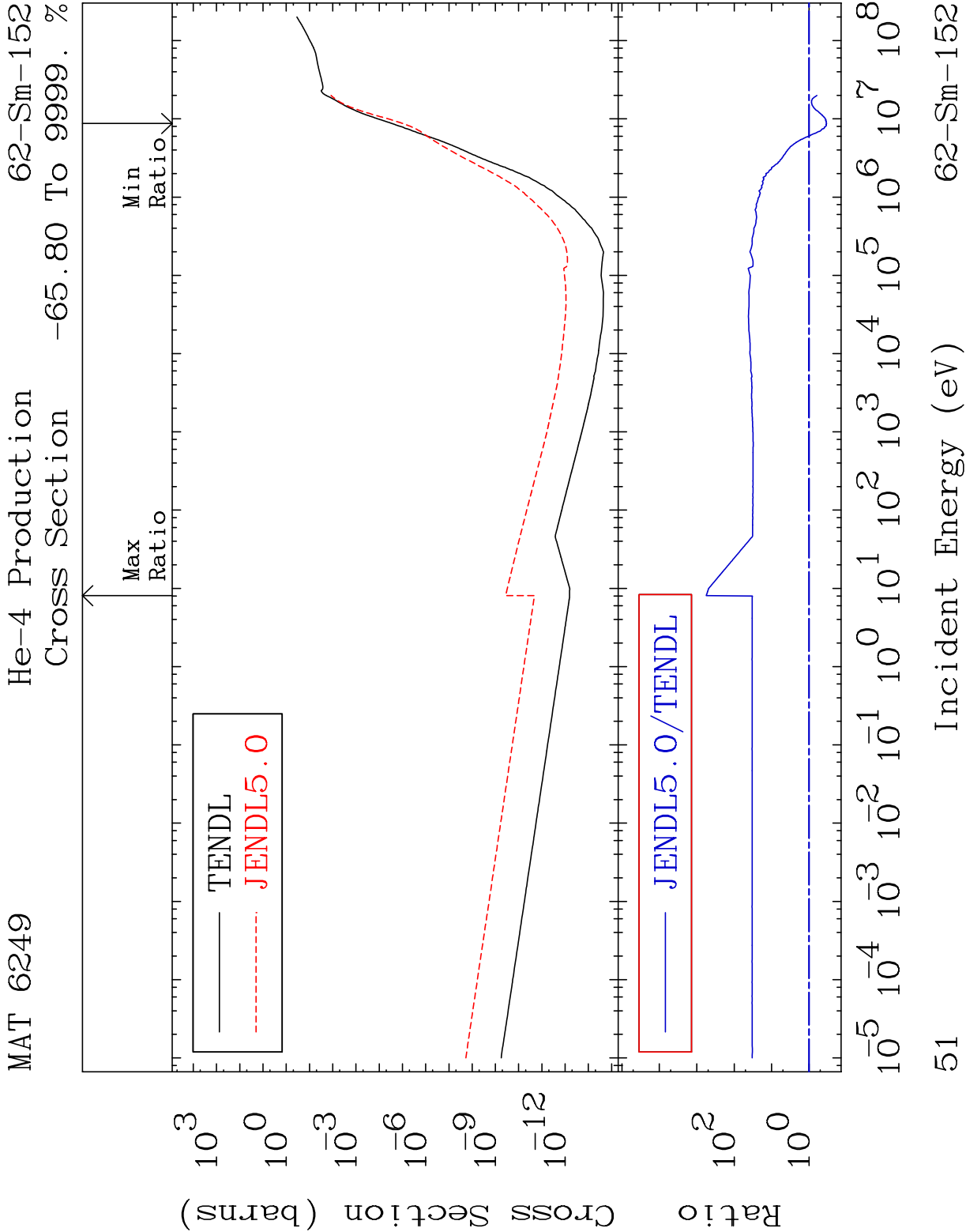
Cross Section

-100.0 To 9999. %

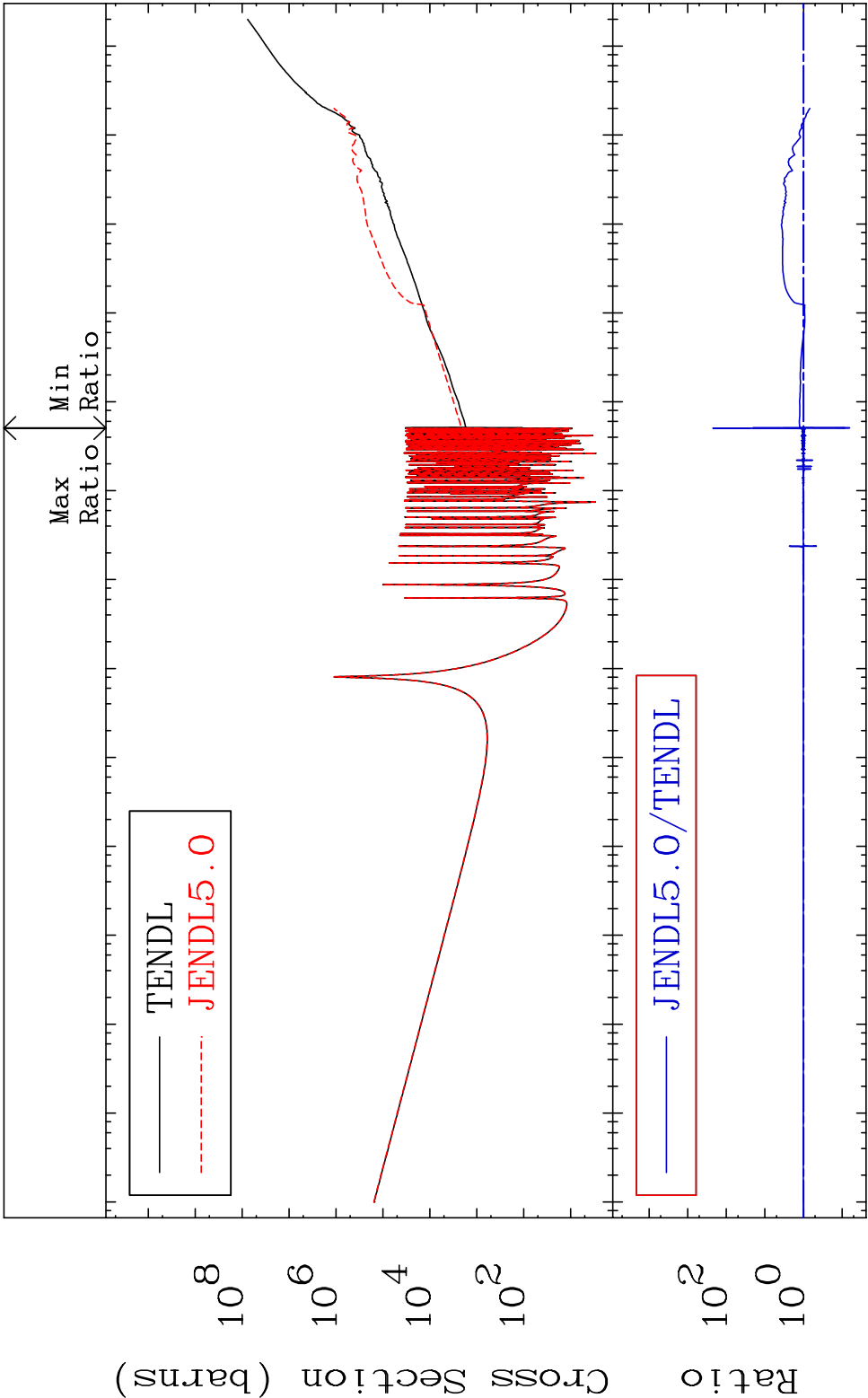
62-Sm-152





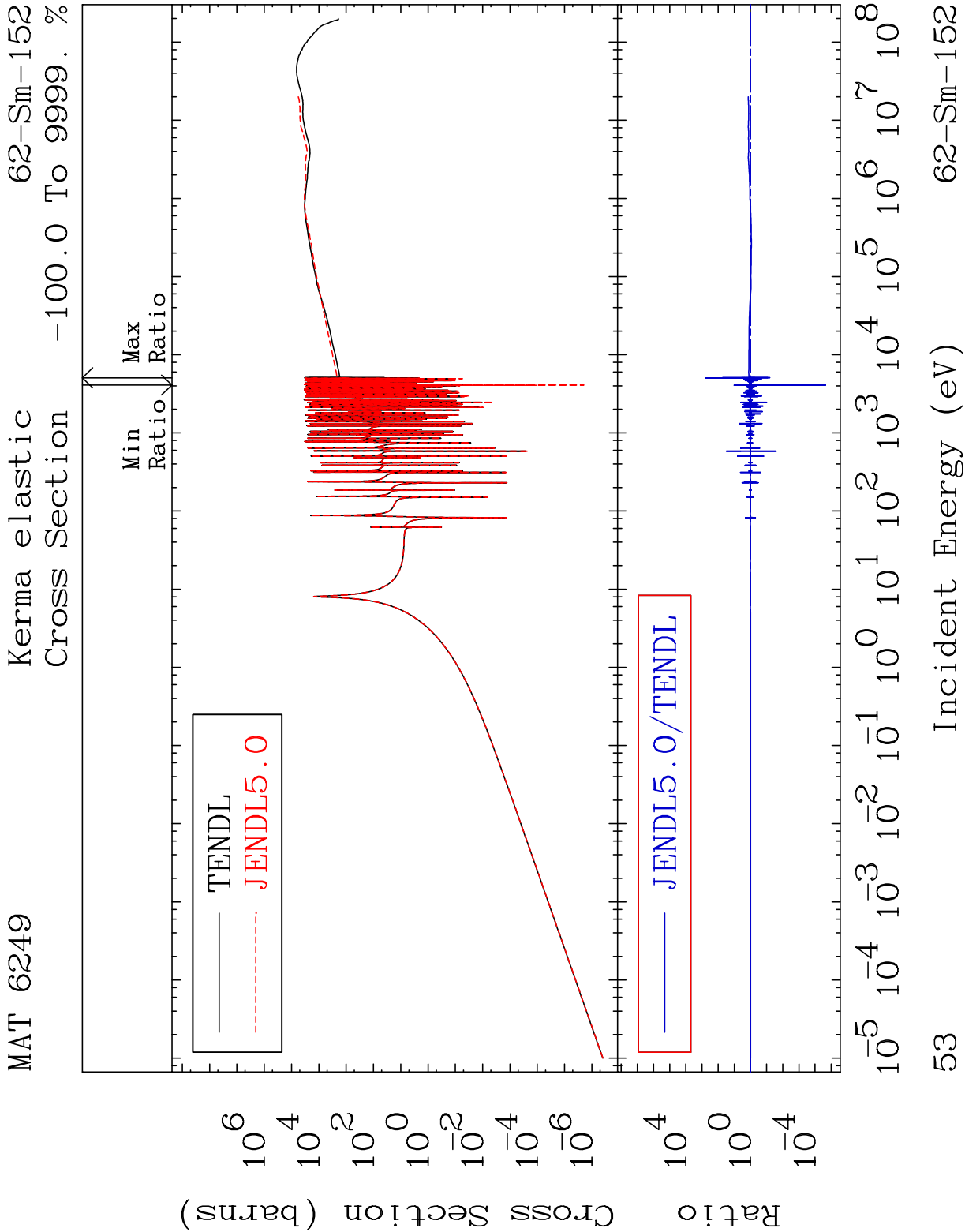


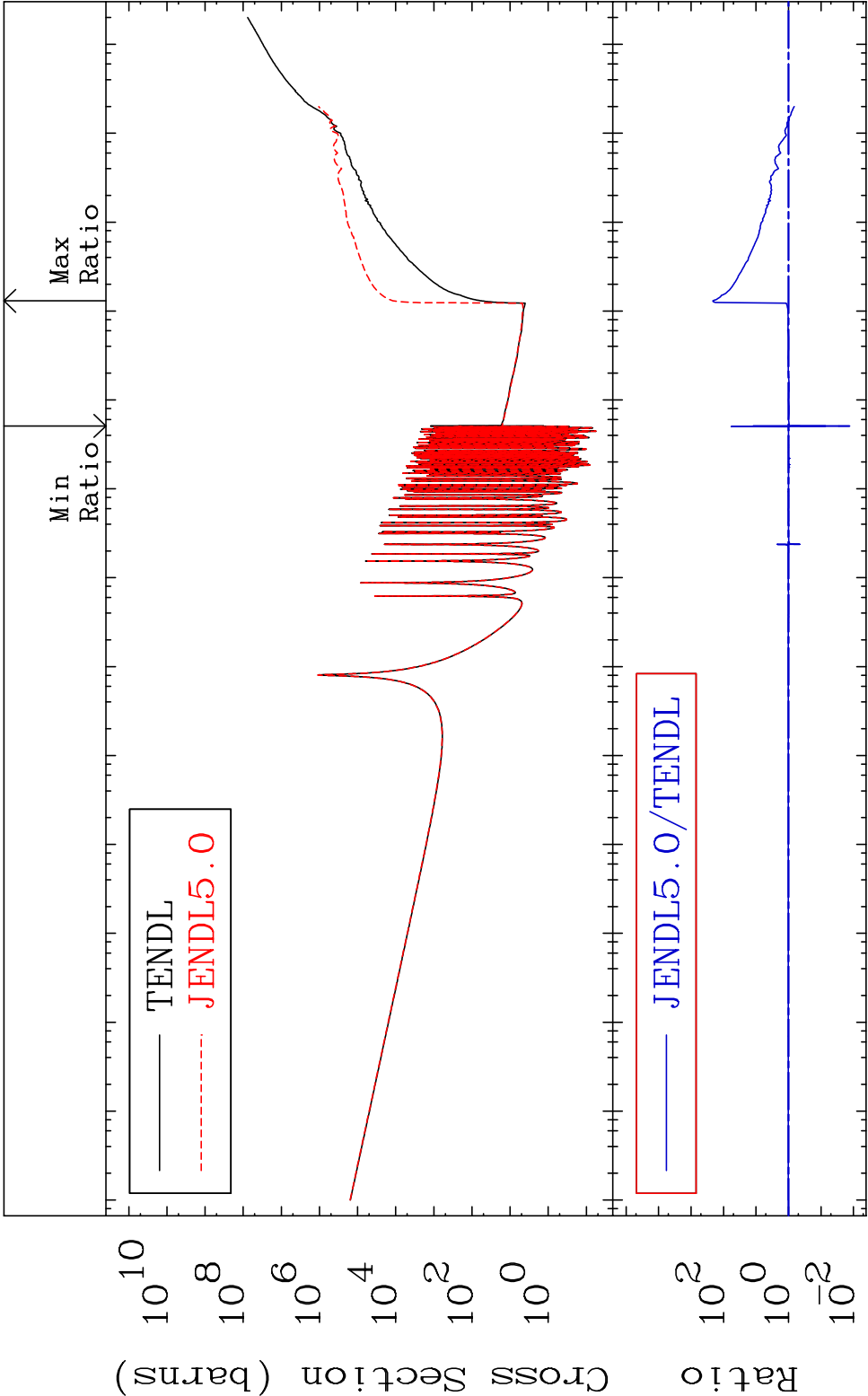
MAT 6249 Kerma total (eV-barns) 62-Sm-152
Cross Section -93.58 To 9999. %

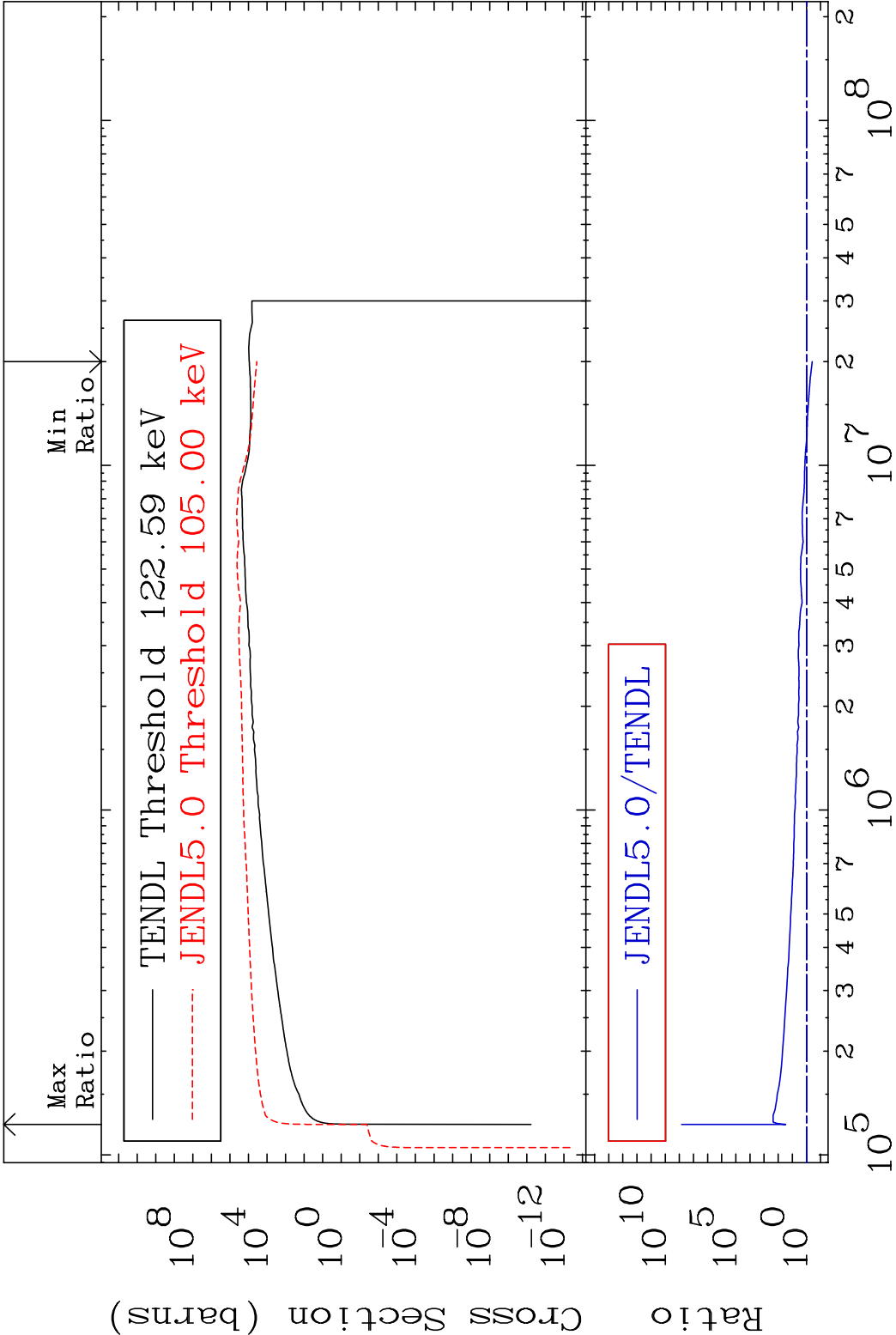


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

52 Incident Energy (eV) 62-Sm-152

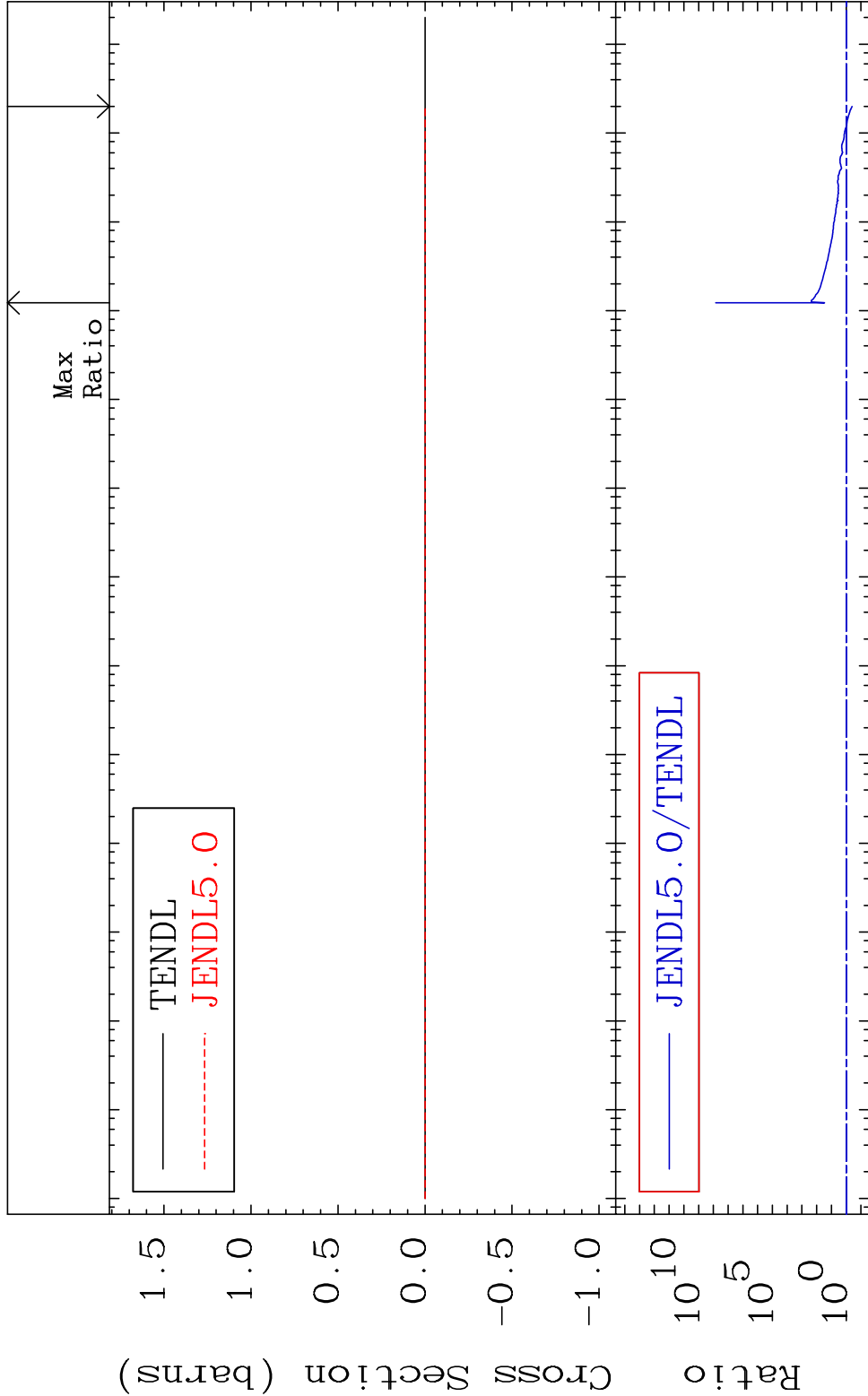






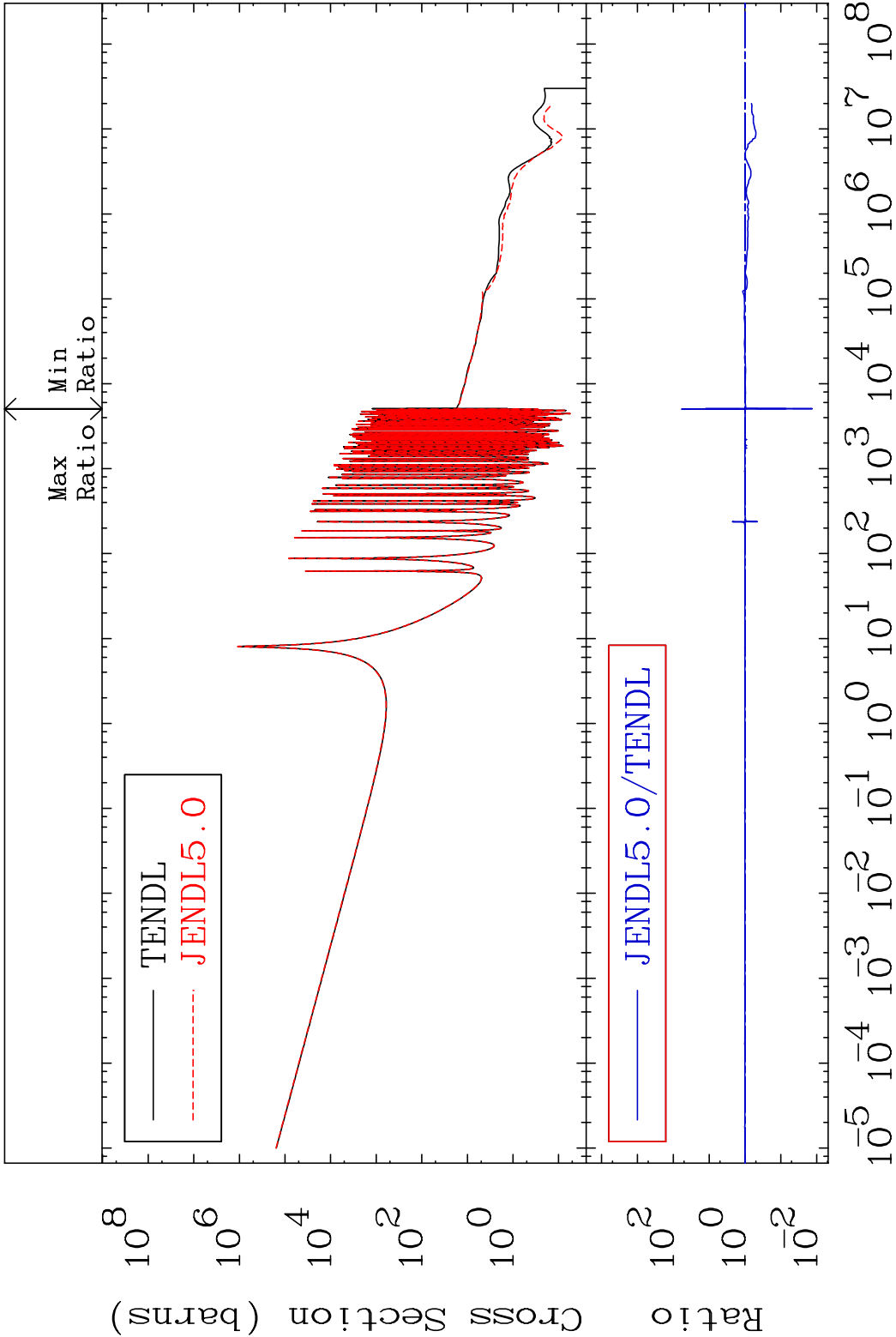
MAT 6249Kerma fission (mt18 or mt19-20-21-38)62-Sm-152

Cross Section -60.89 To 9999. %

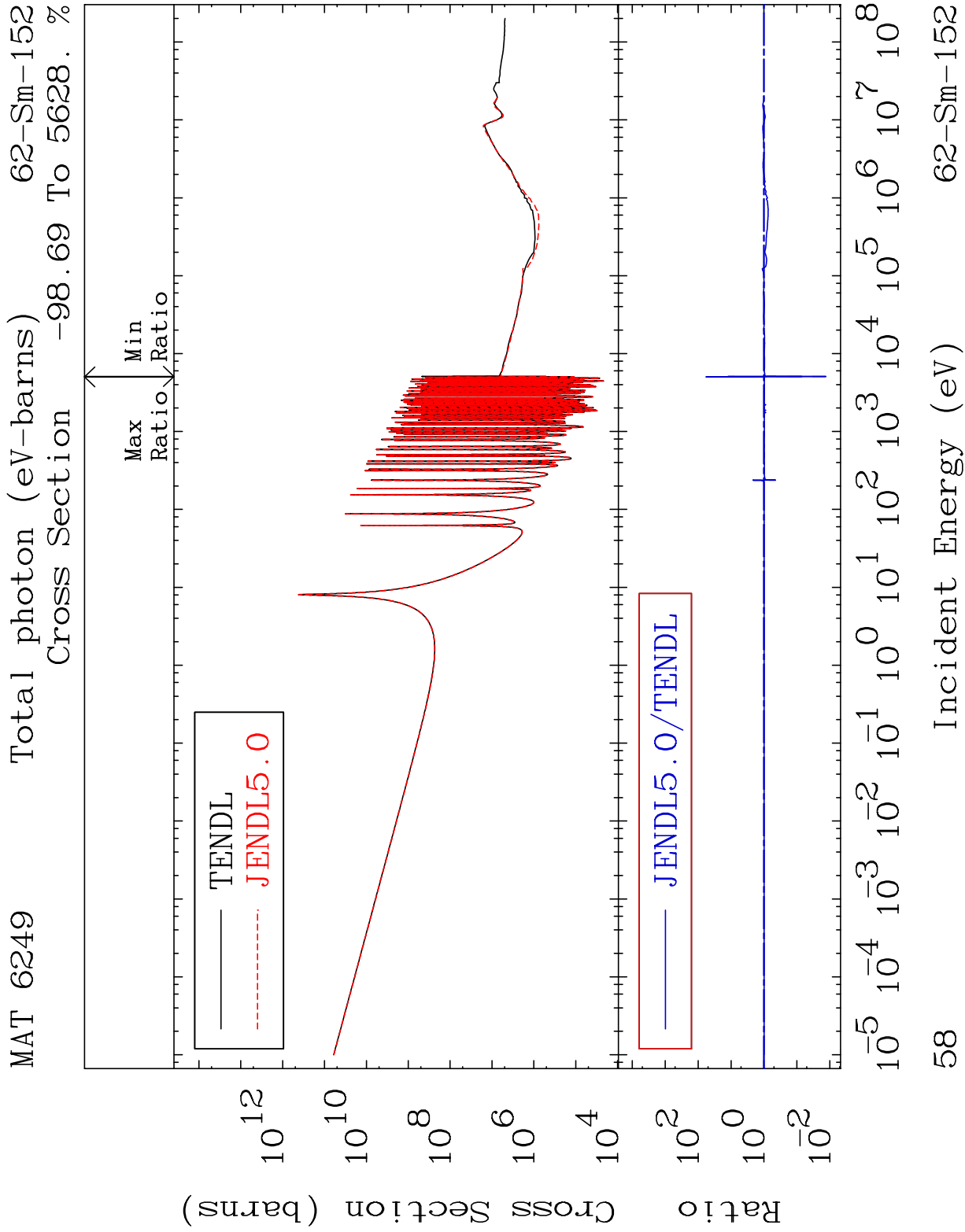


56 Incident Energy (eV) 62-Sm-152

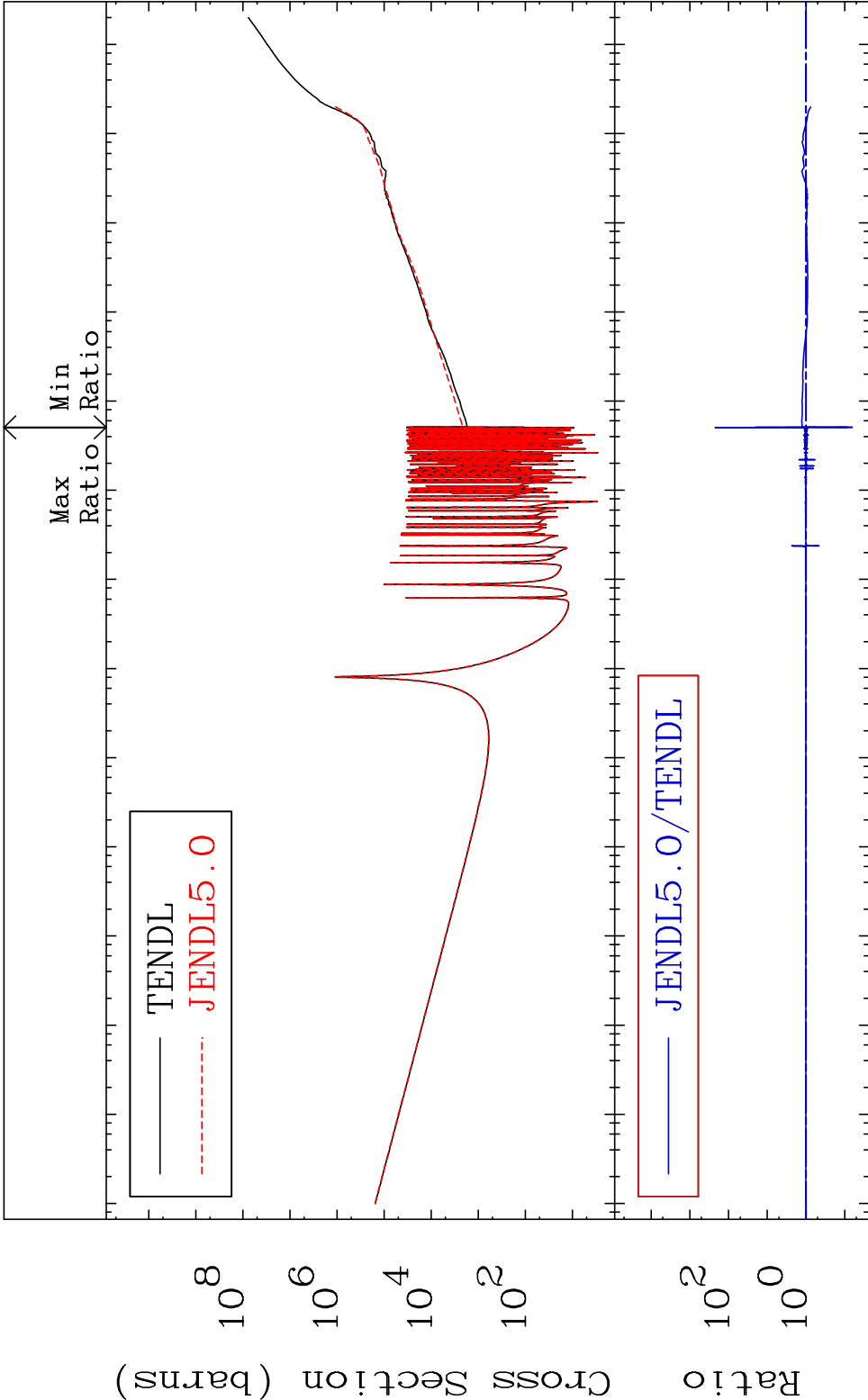
MAT 6249 Kerma capture (mt102) 62-Sm-152
Cross Section -98.67 To 5712. %

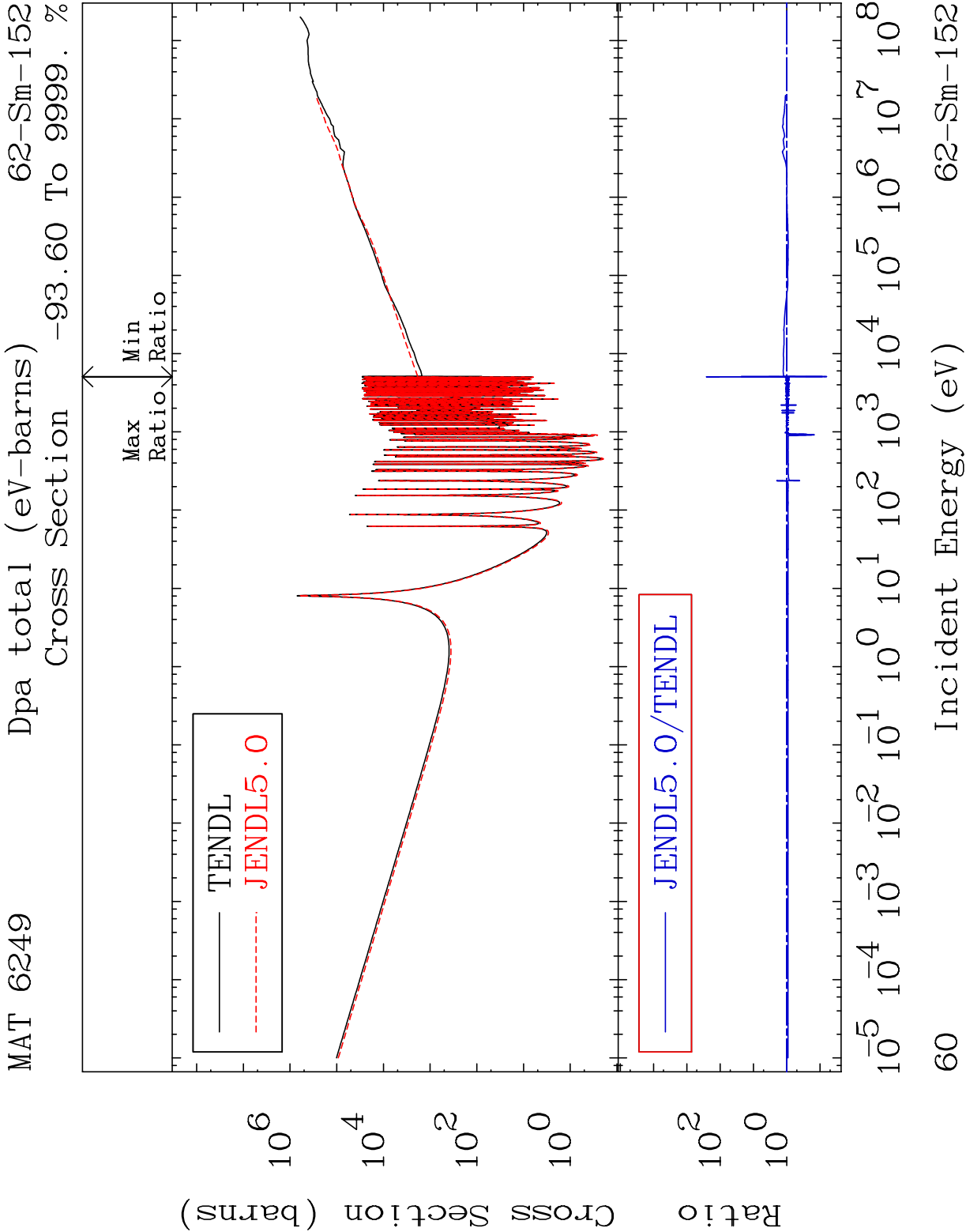


57 Incident Energy (eV) 62-Sm-152

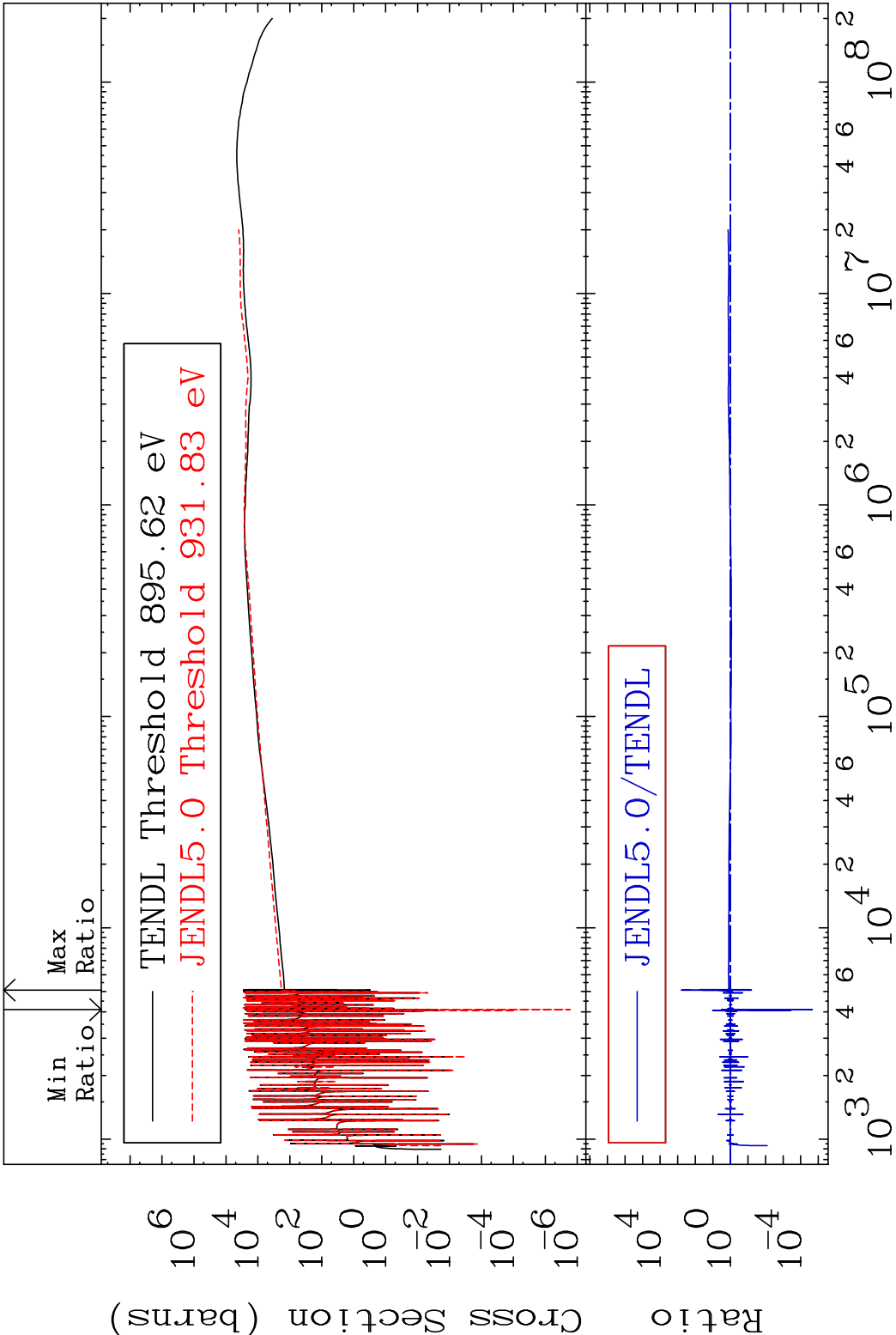


MAT 6249 Total kinematic kerma (high limit) 62-Sm-152
Cross Section -93.58 To 9999. %

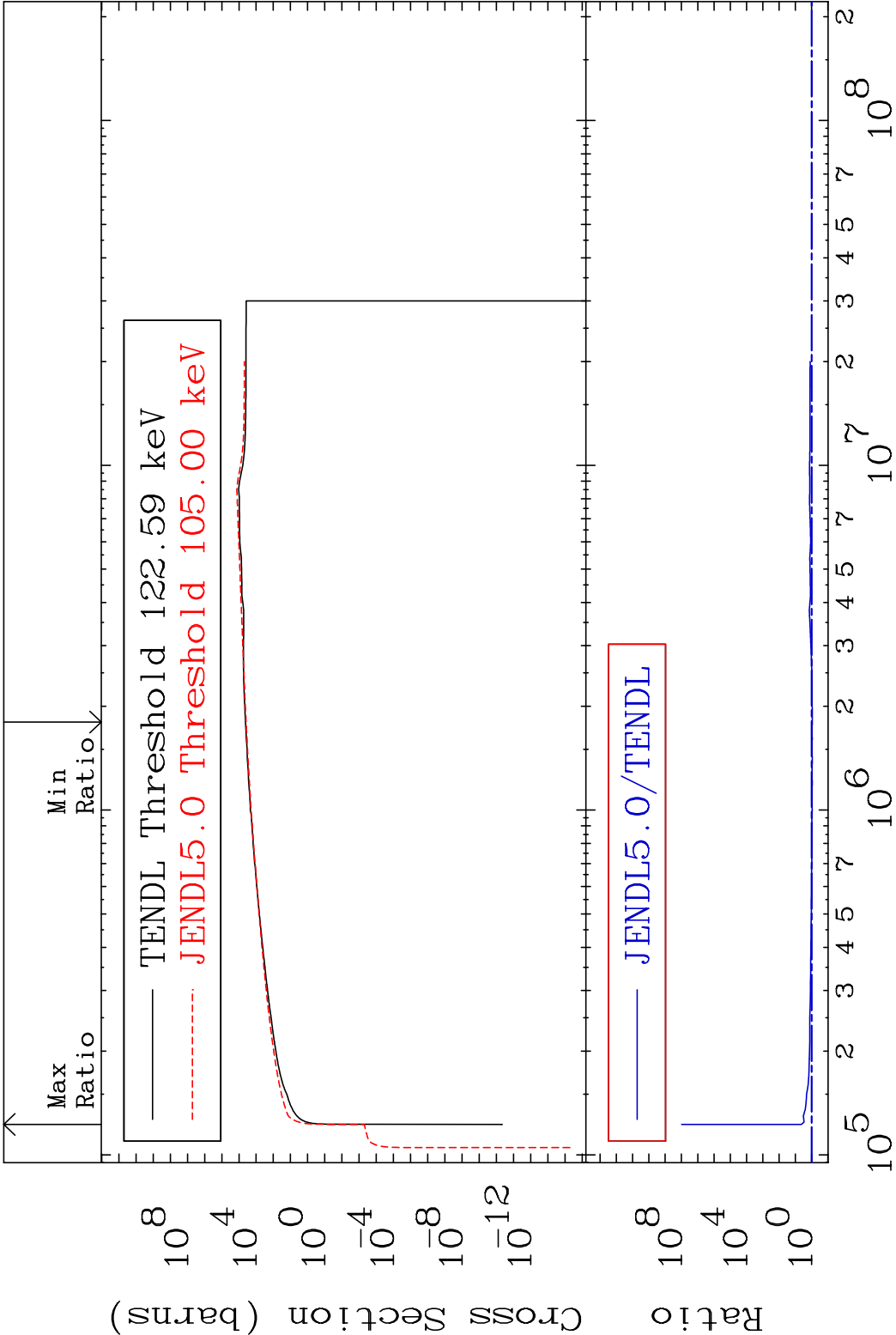




MAT 6249 Dpa elastic (mt2) 62-Sm-152
 Cross Section -100.0 To 9999. %

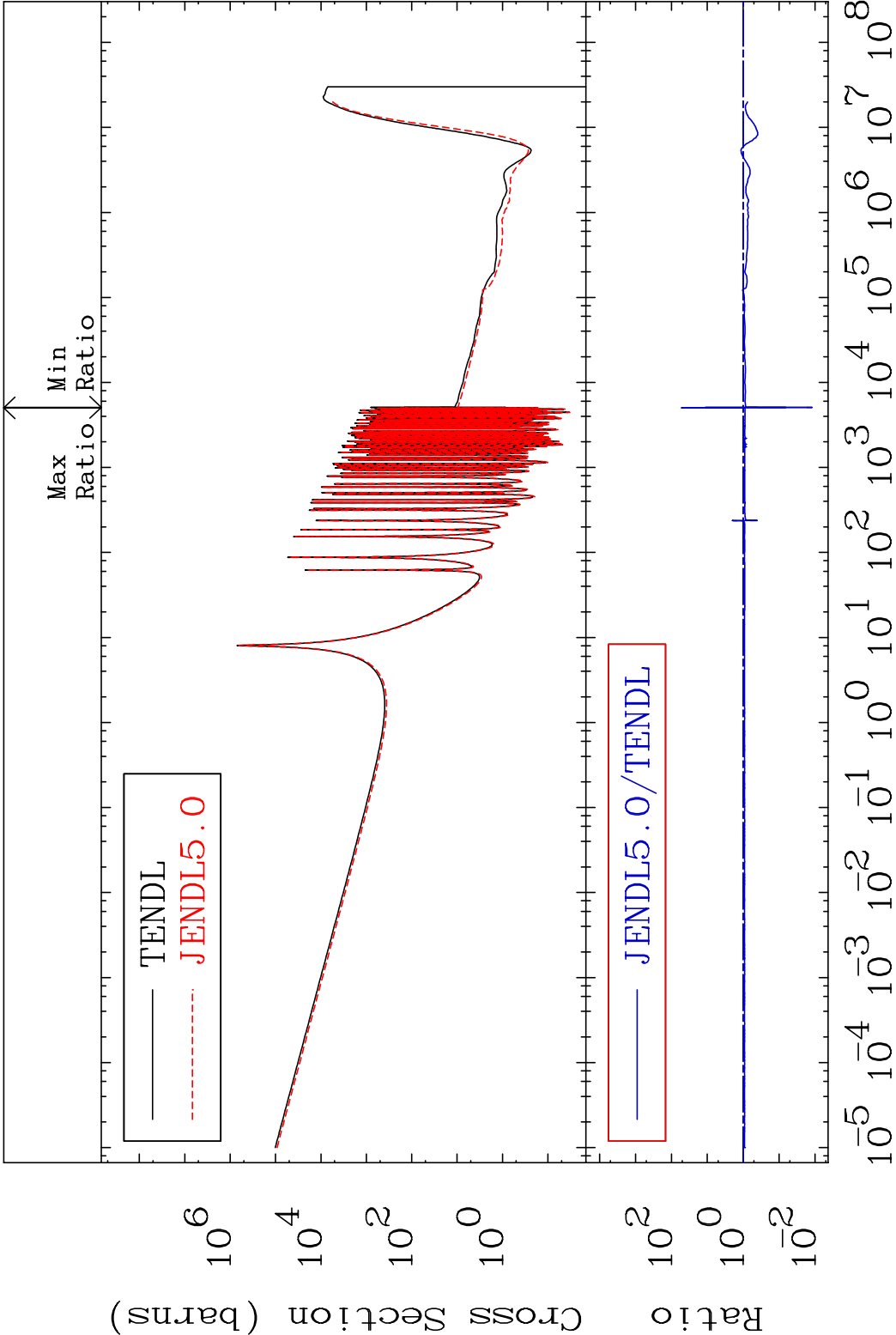


MAT 6249 Dpa inelastic (mt51-91) 62-Sm-152
Cross Section -9.078 To 9999. %



62 Incident Energy (eV) 62-Sm-152

MAT 6249 Dpa disappearance (mt102 -120) 62-Sm-152
Cross Section -98.81 To 5129. %



63 Incident Energy (eV) 62-Sm-152

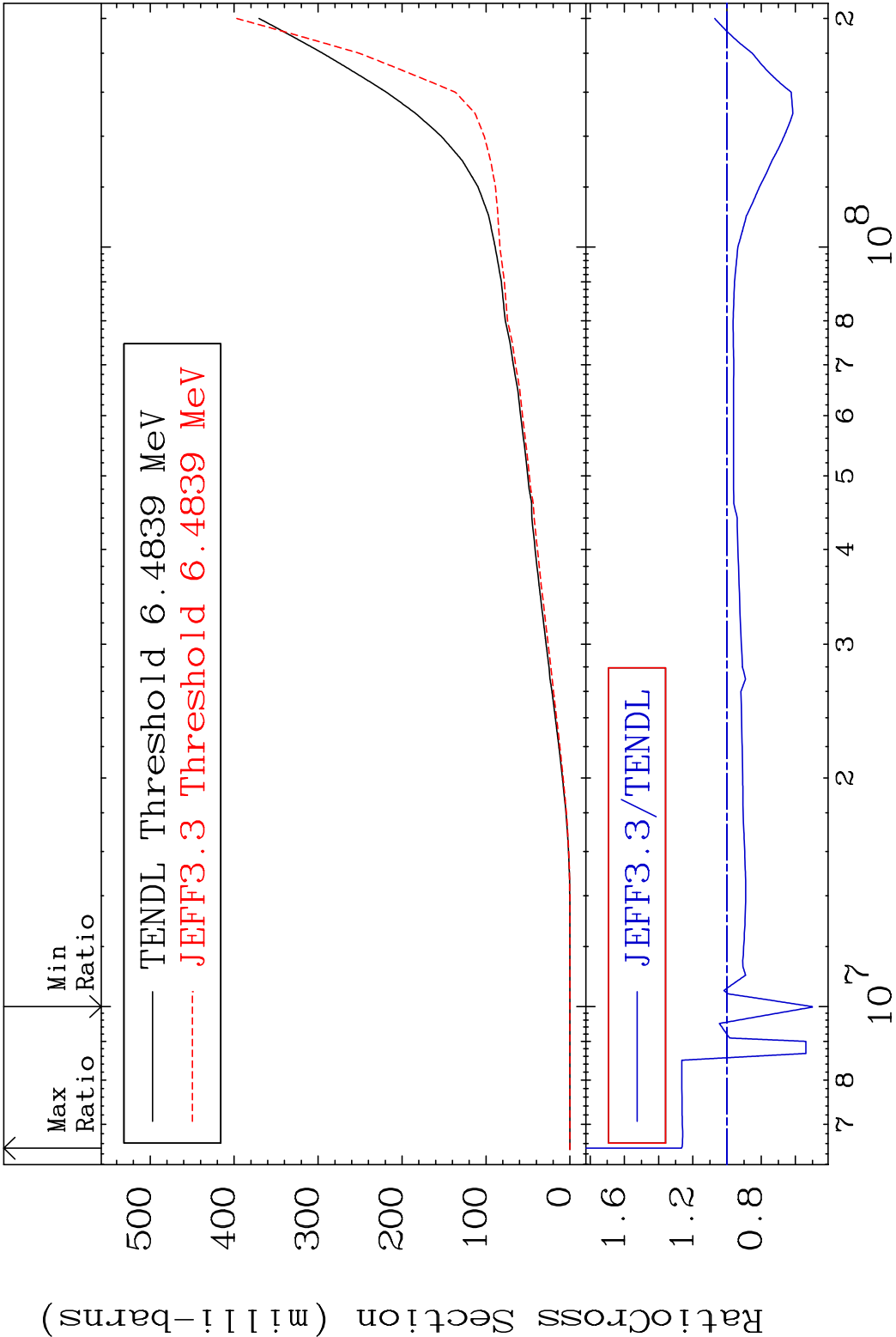
MAT 6249

Deuterium Production

62-Sm-152

Cross Section

-49.85 To 26.57 %



64

Incident Energy (eV)

62-Sm-152

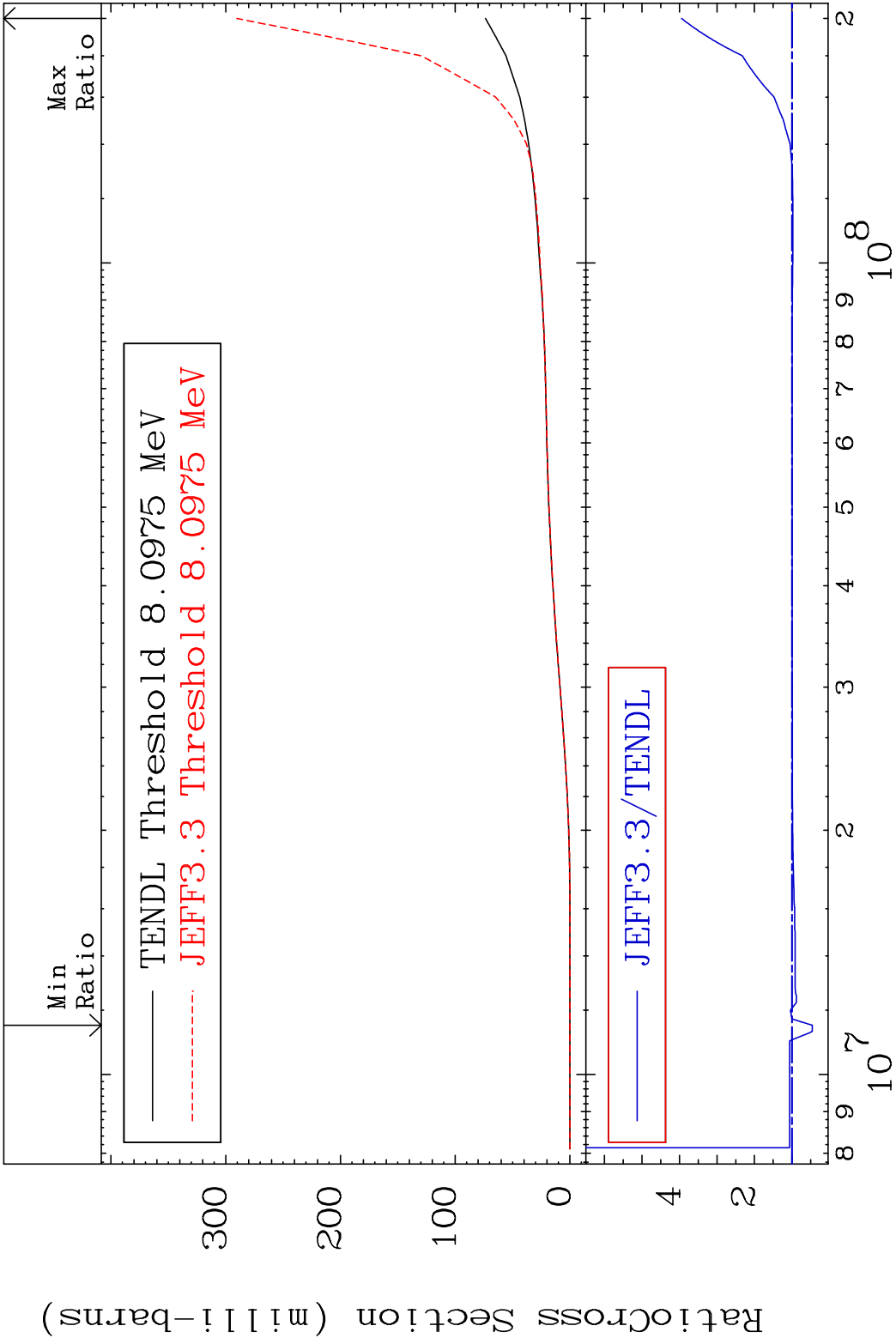
MAT 6249

Tritium Production

Cross Section

62-Sm-152

-54.03 To 294.5 %



65

Incident Energy (eV)

62-Sm-152

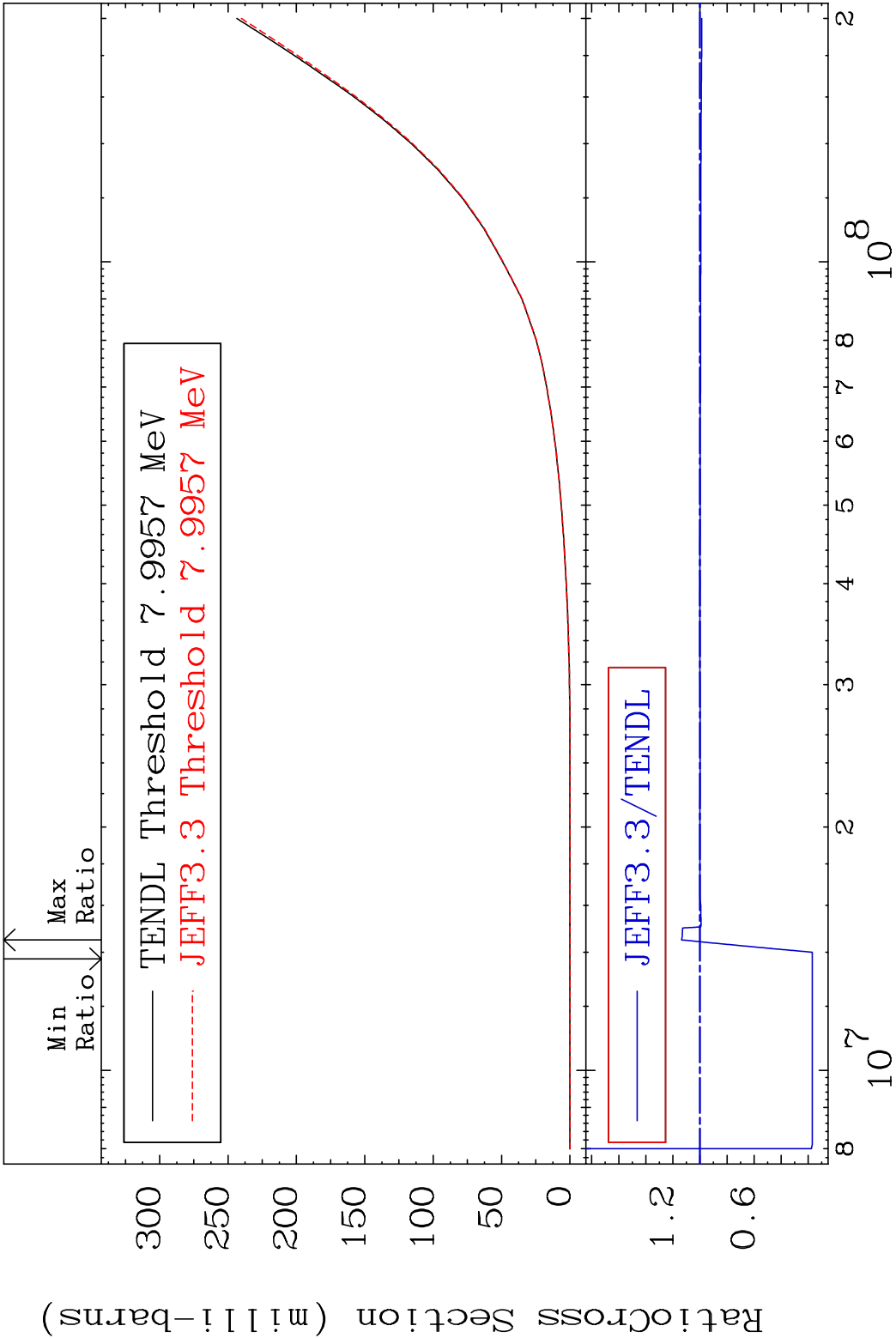
MAT 6249

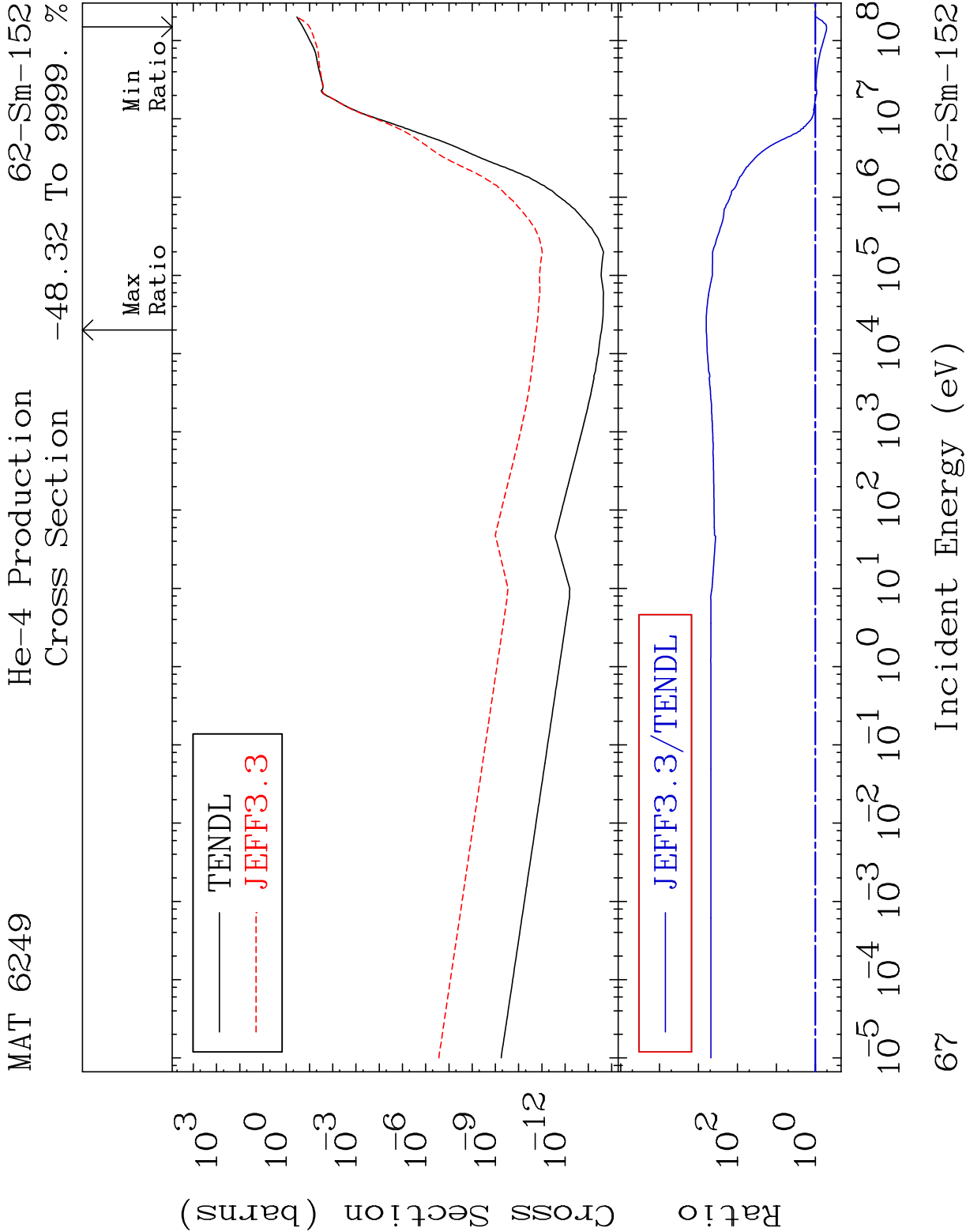
He-3 Production

62-Sm-152

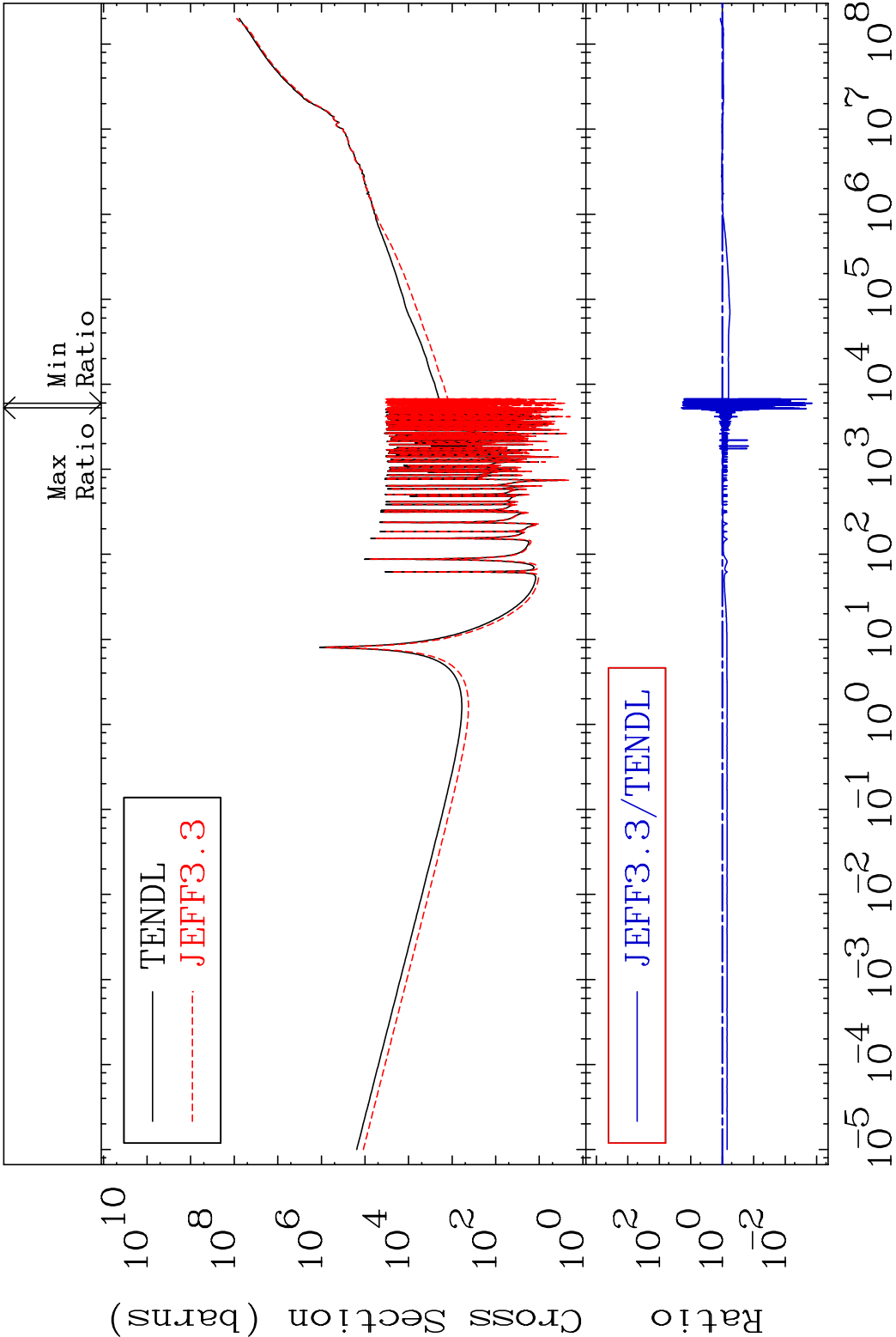
Cross Section

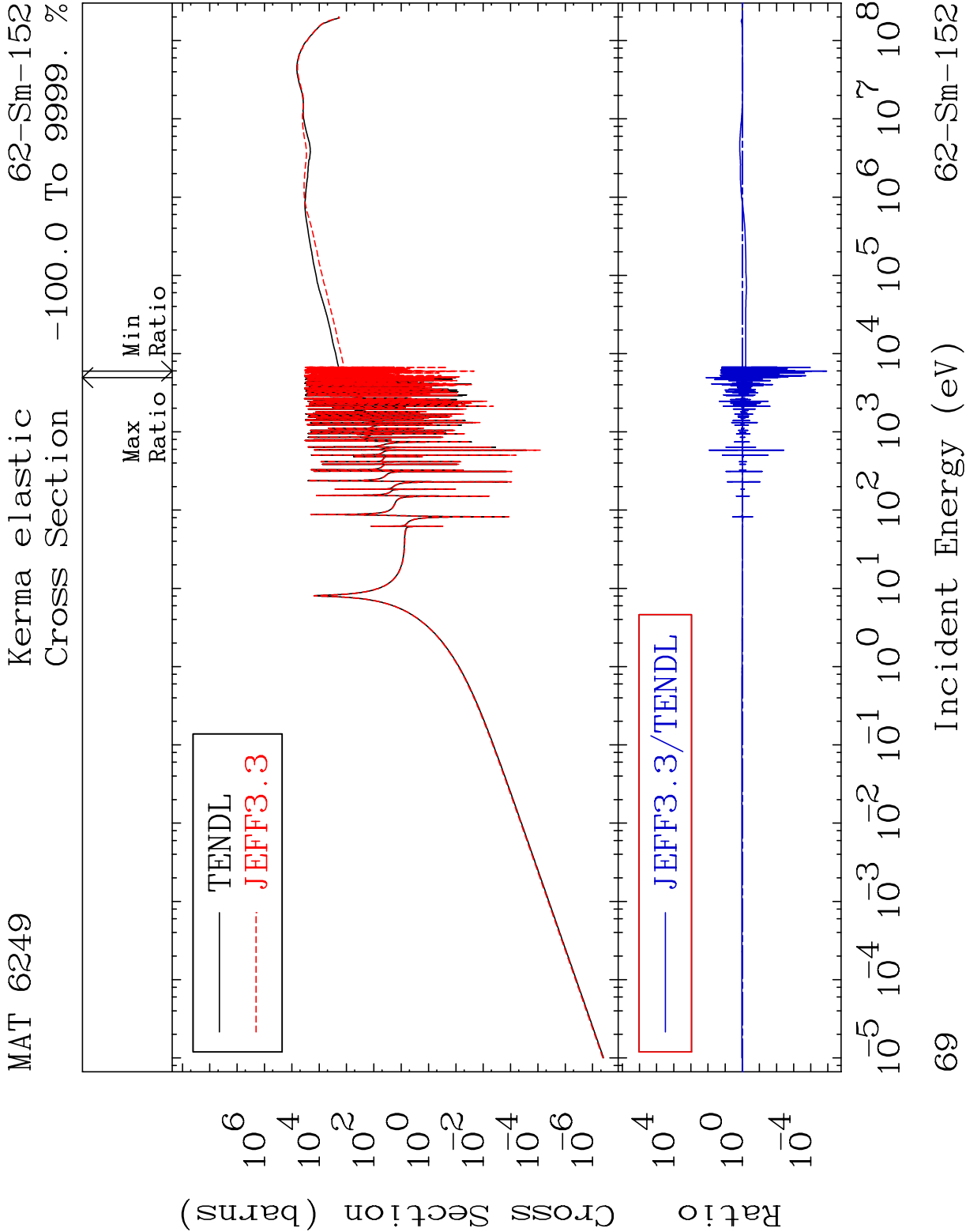
-82.95 To 13.62 %



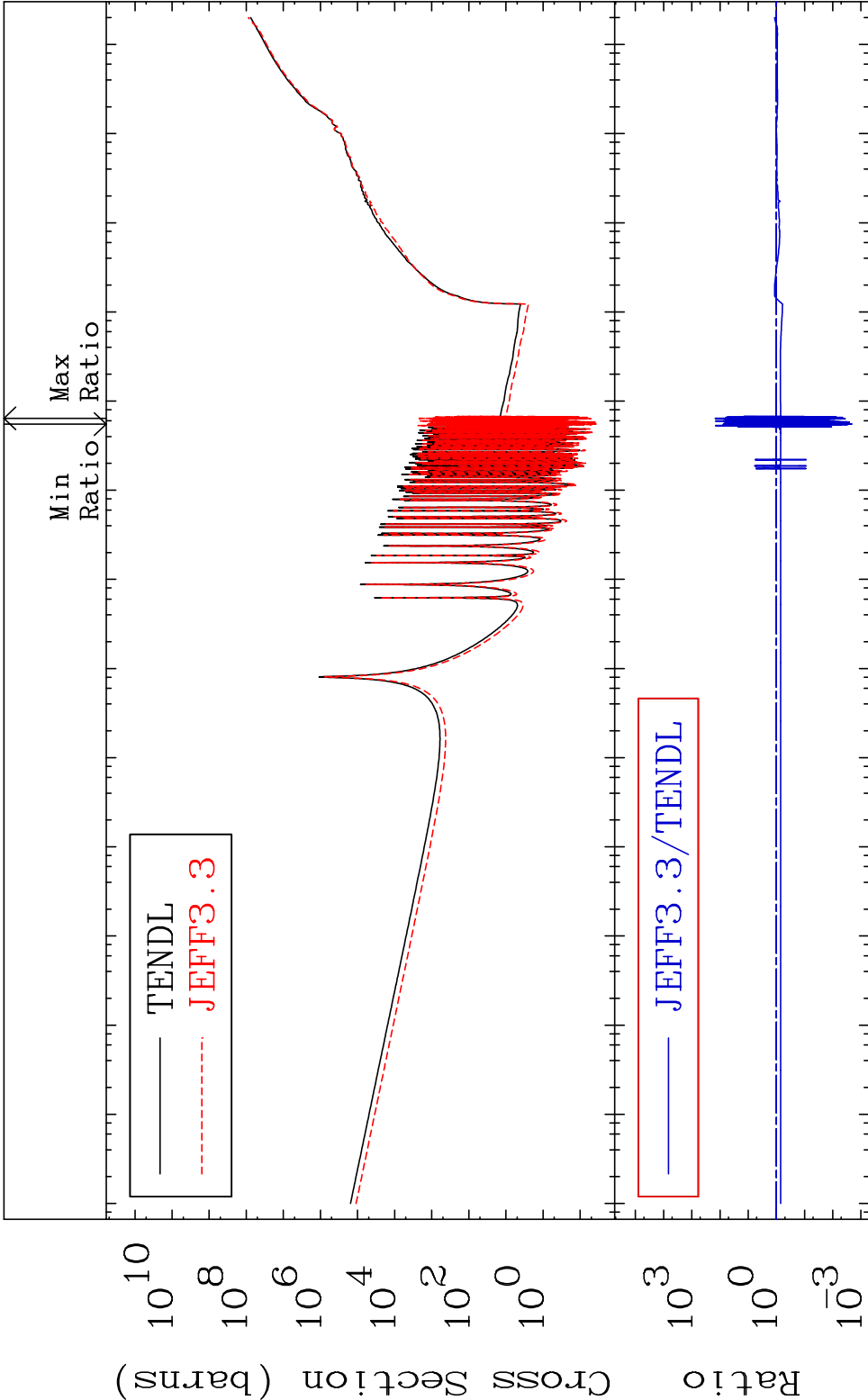


MAT 6249 Kerma total (eV-barns) 62-Sm-152
Cross Section -99.86 To 1865. %

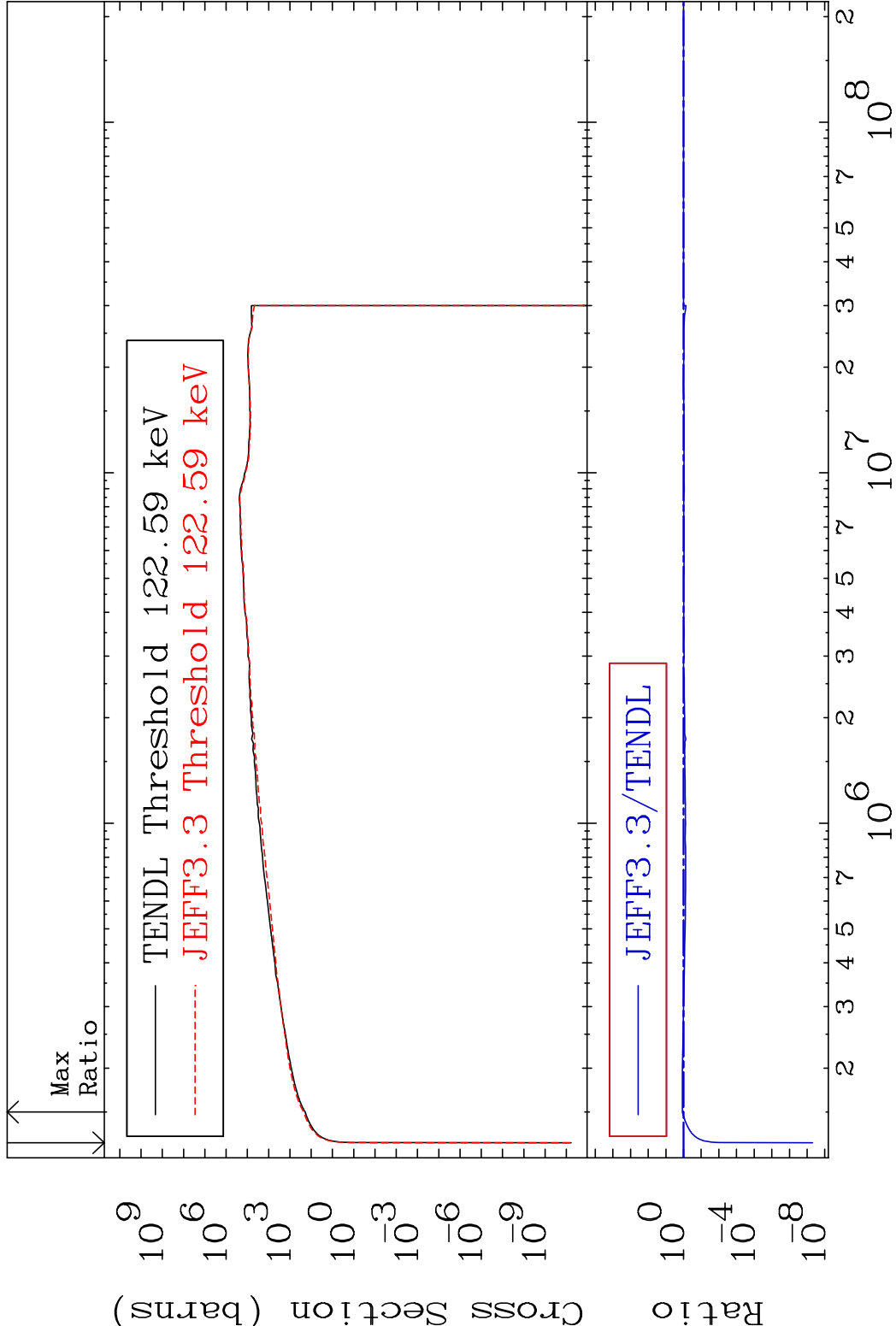




MAT 6249 Kerma non-elastic (all but mt2) 62-Sm-152
Cross Section -99.79 To 9999. %

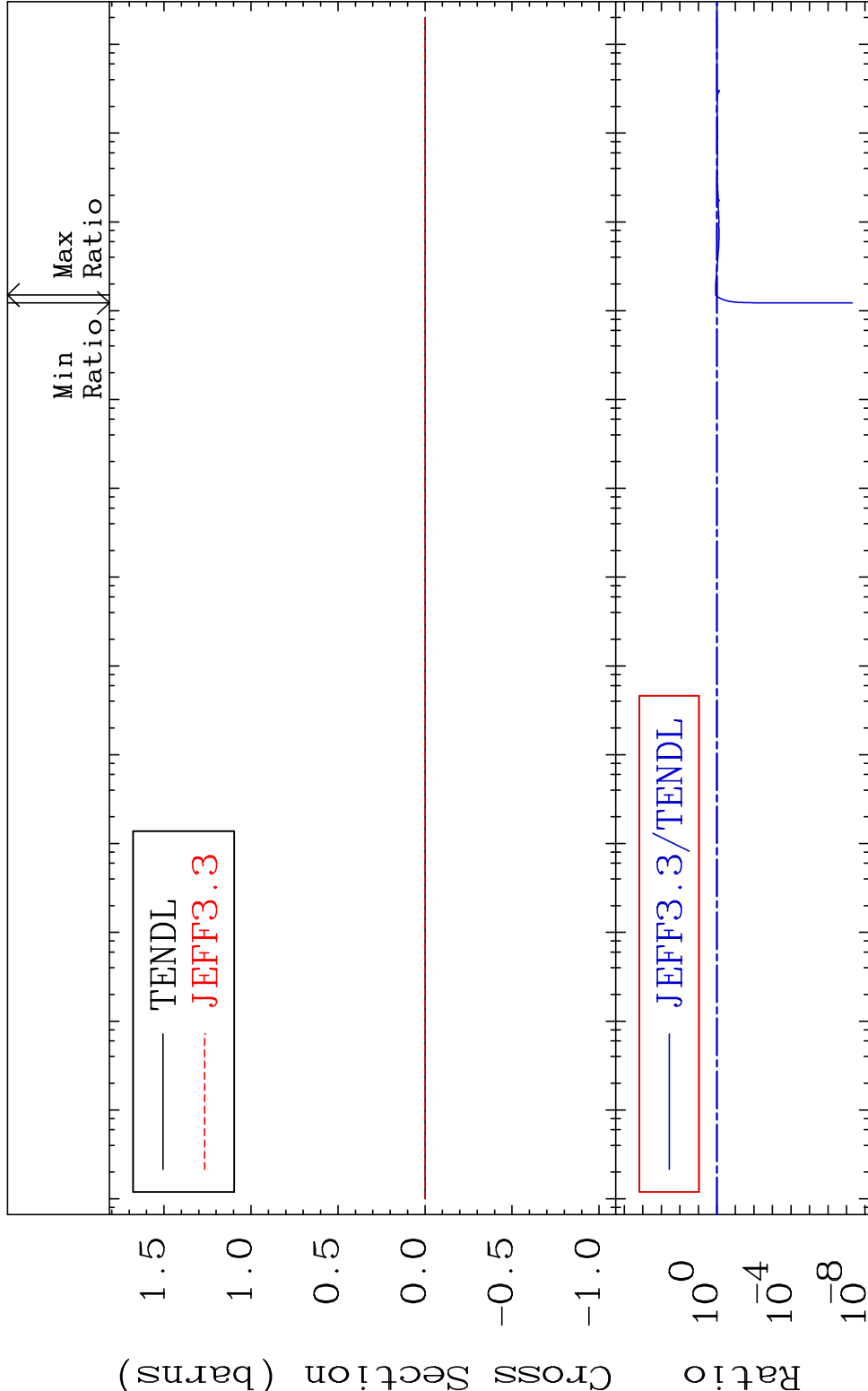


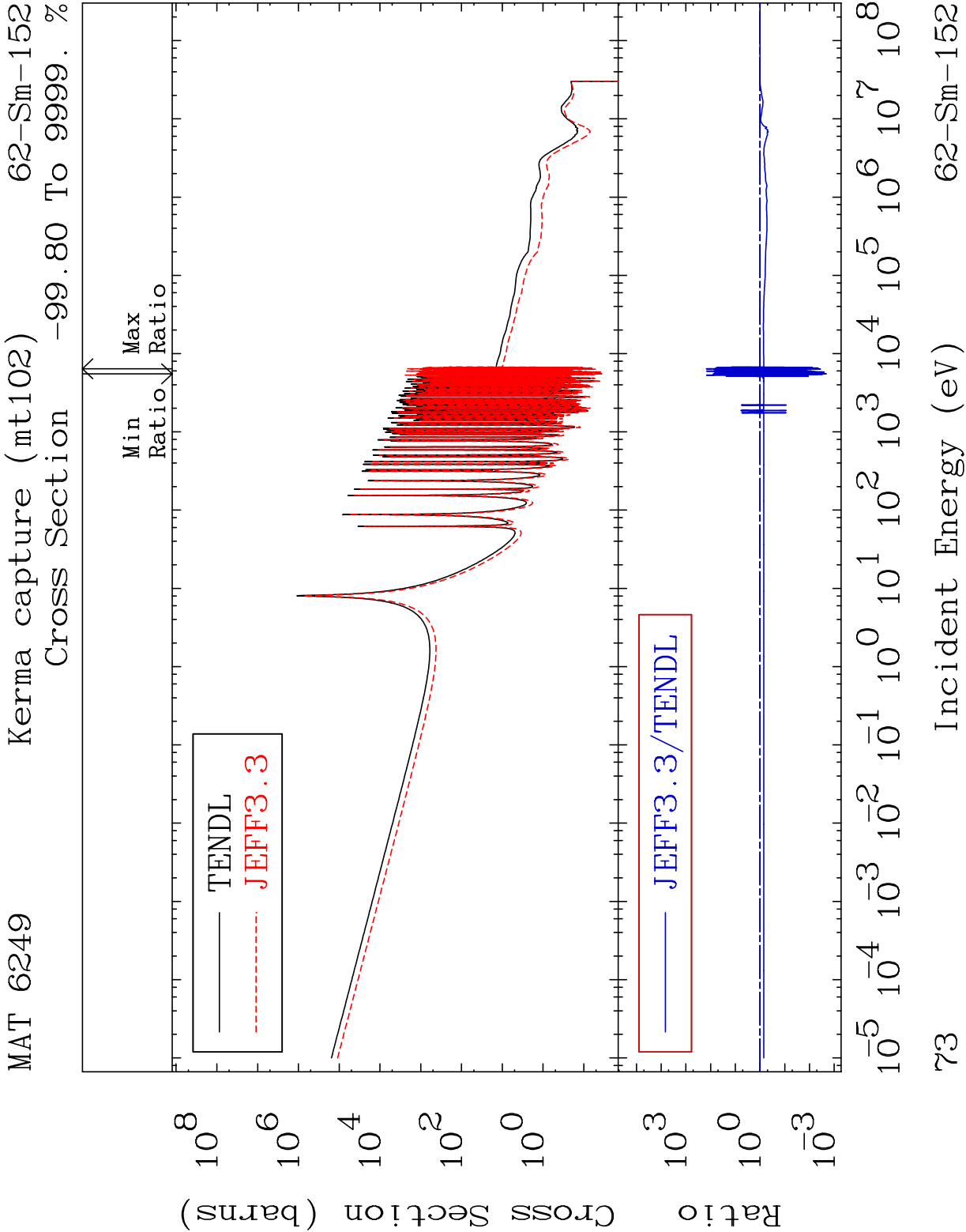
70 Incident Energy (eV) 62-Sm-152



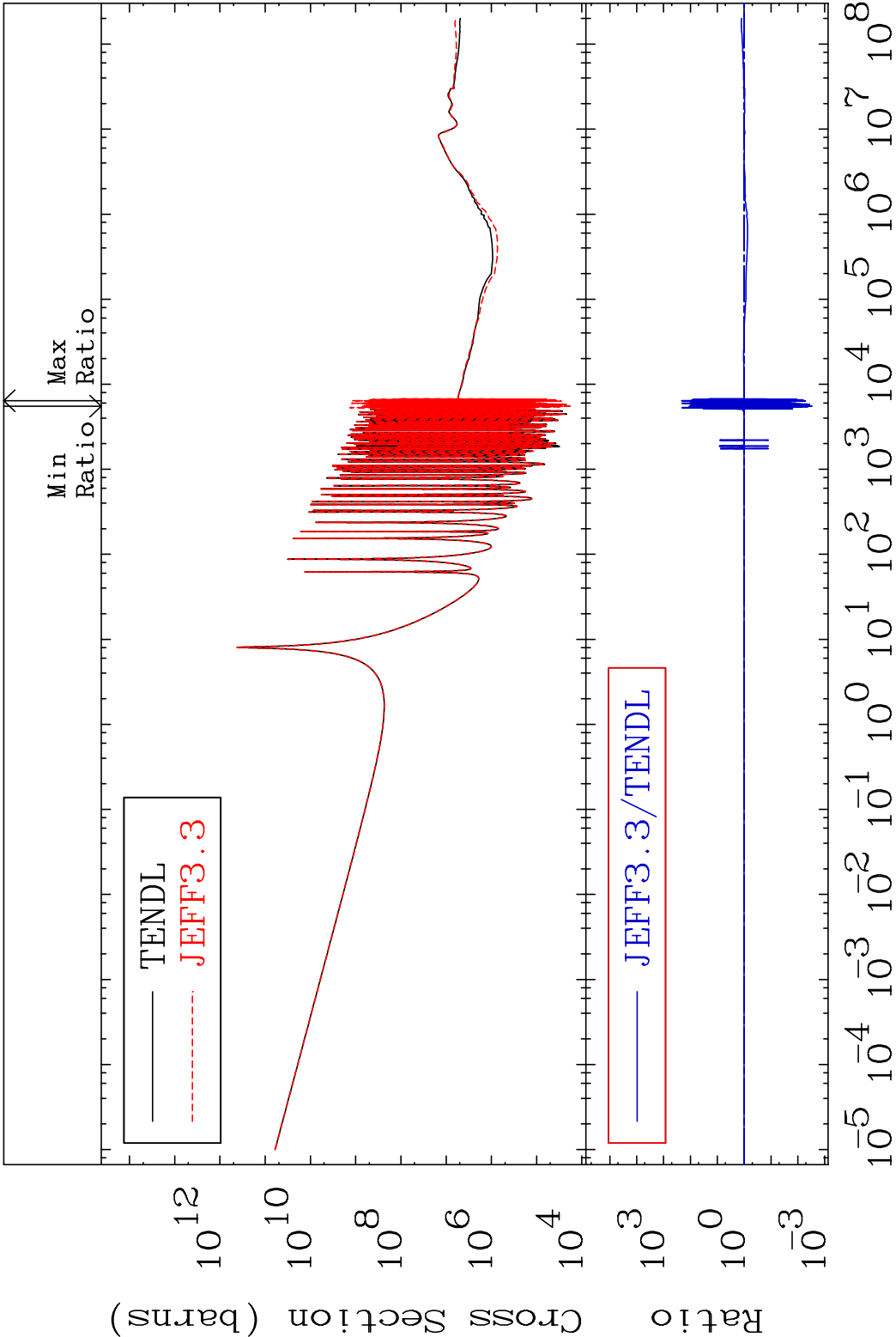
MAT 6249Kerma fission (mt18 or mt19-20-21-38)62-Sm-152

Cross Section -100.0 To 16.44 %



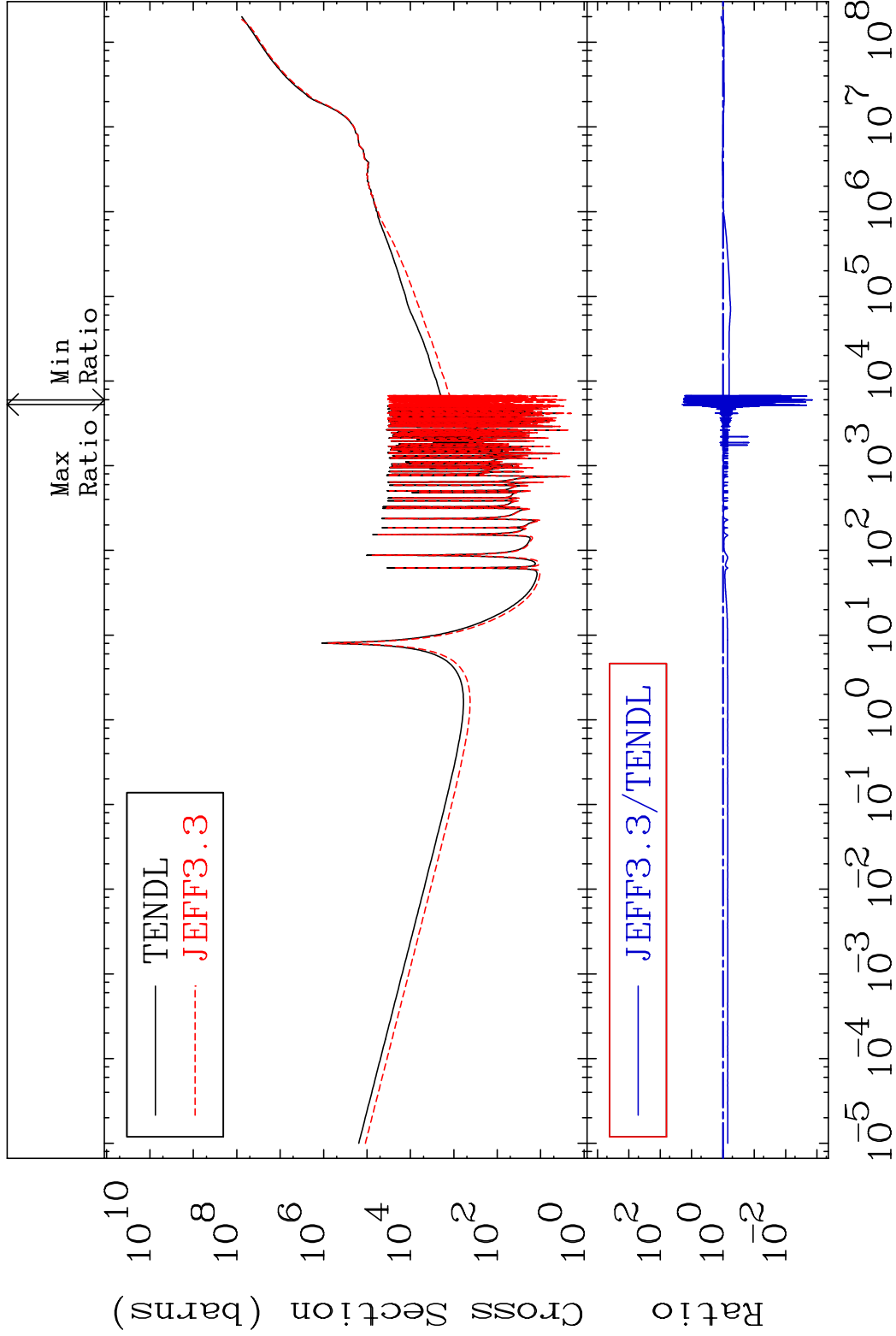


MAT 6249 Total photon (eV-barns) 62-Sm-152
Cross Section -99.71 To 9999. %



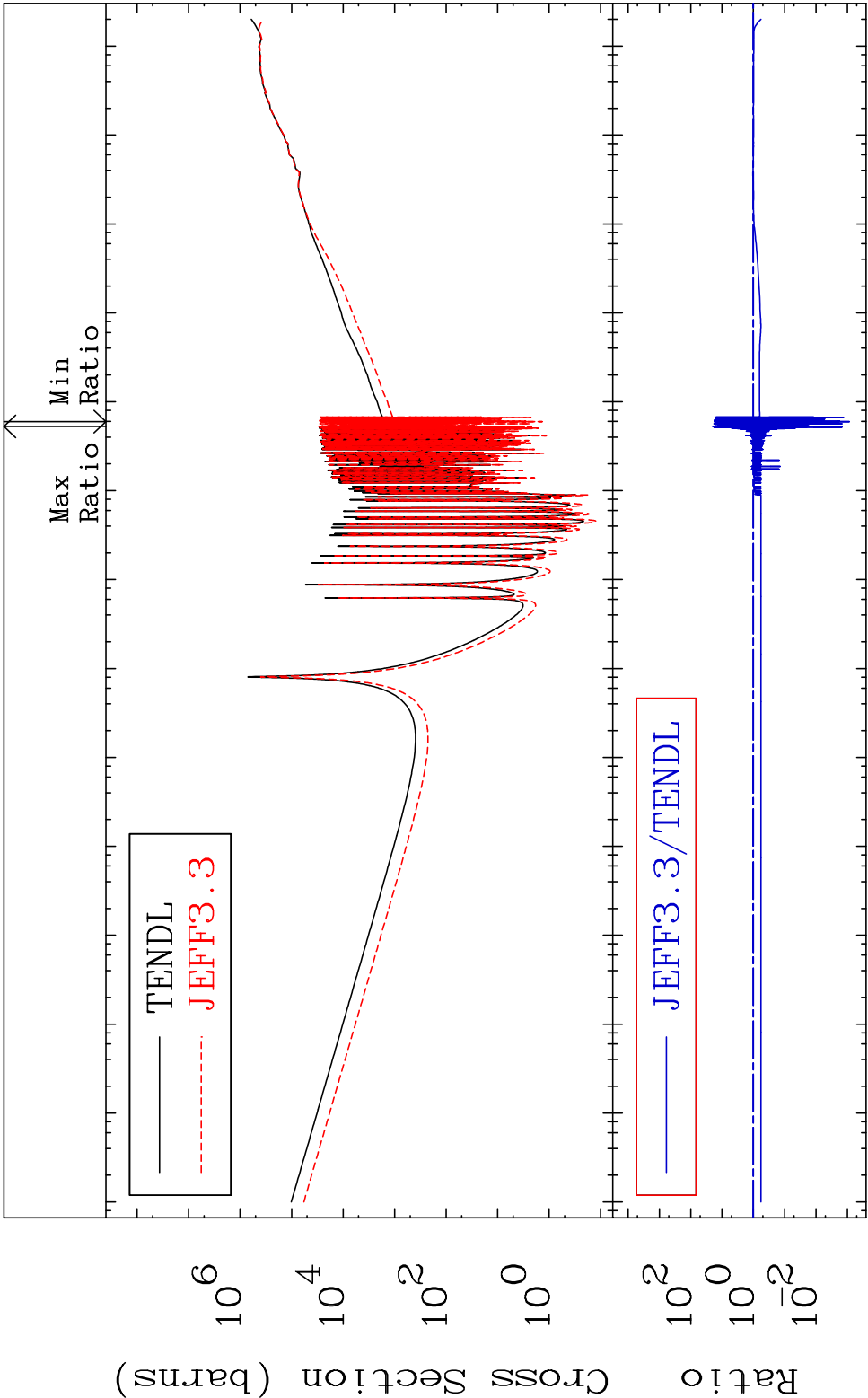
74 Incident Energy (eV) 62-Sm-152

MAT 6249 Total kinematic kerma (high limit) 62-Sm-152
Cross Section -99.86 To 1865. %



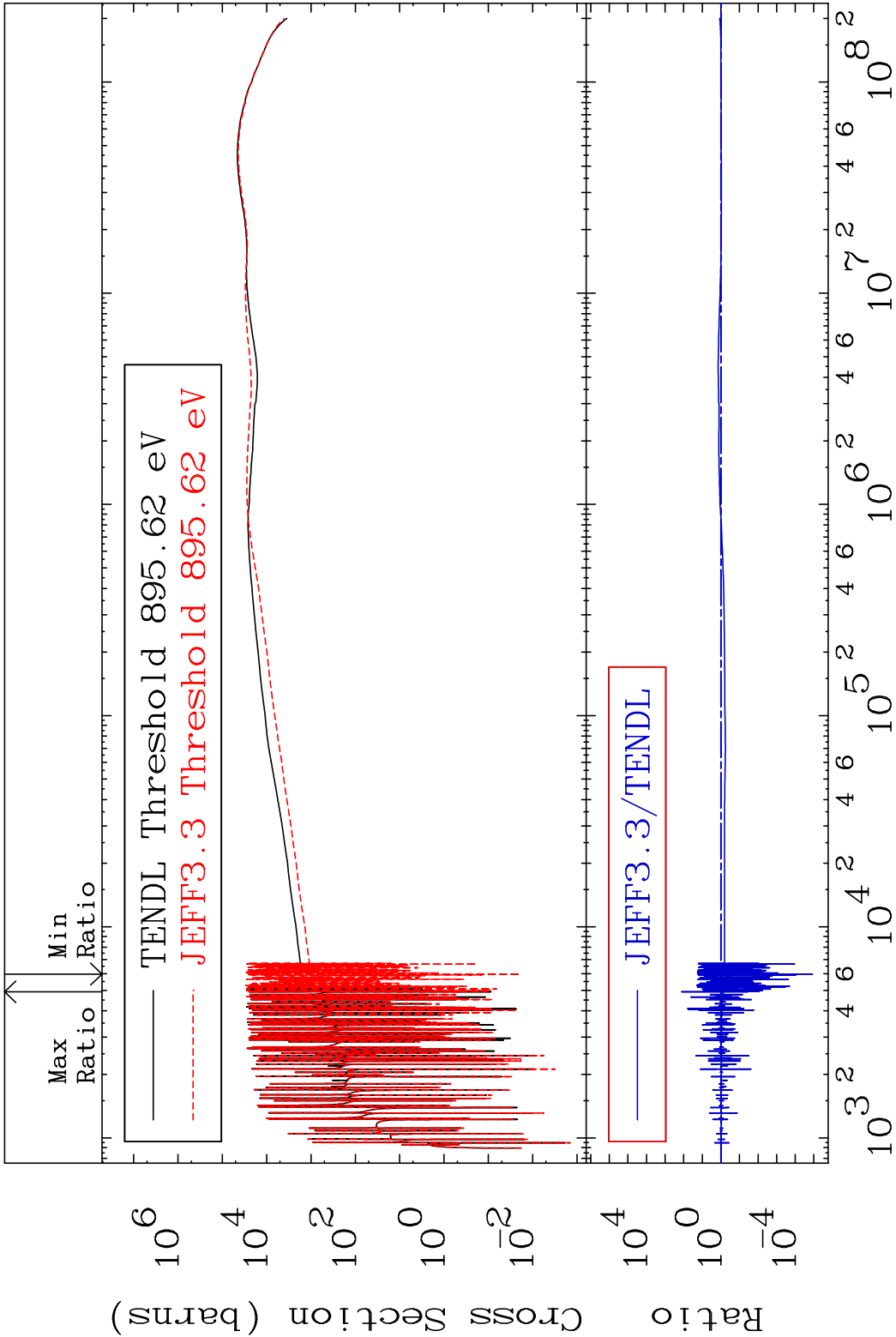
75 Incident Energy (eV) 62-Sm-152

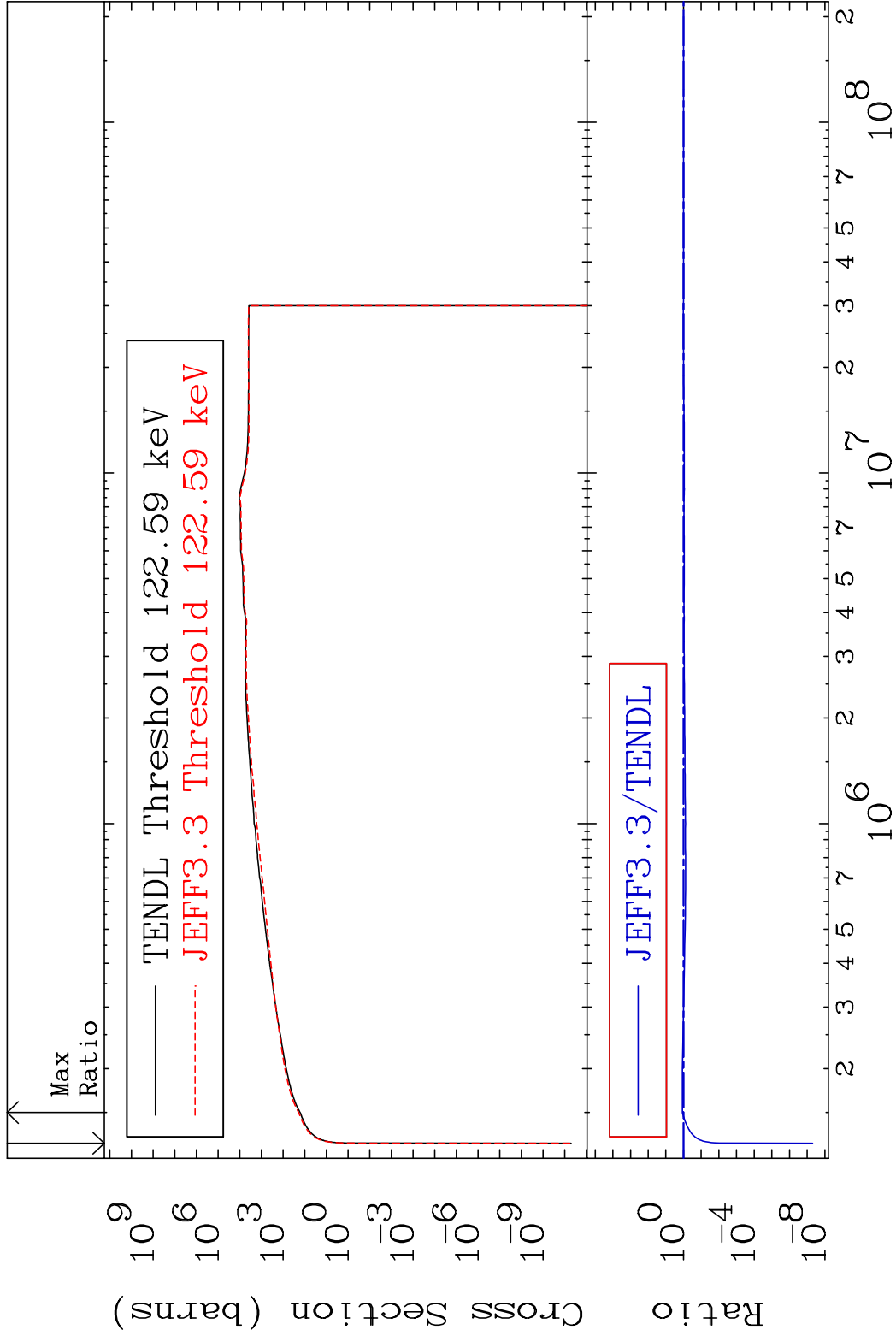
MAT 6249	Dpa total (eV-barns)	62-Sm-152
	Cross Section	-99.91 To 1869. %



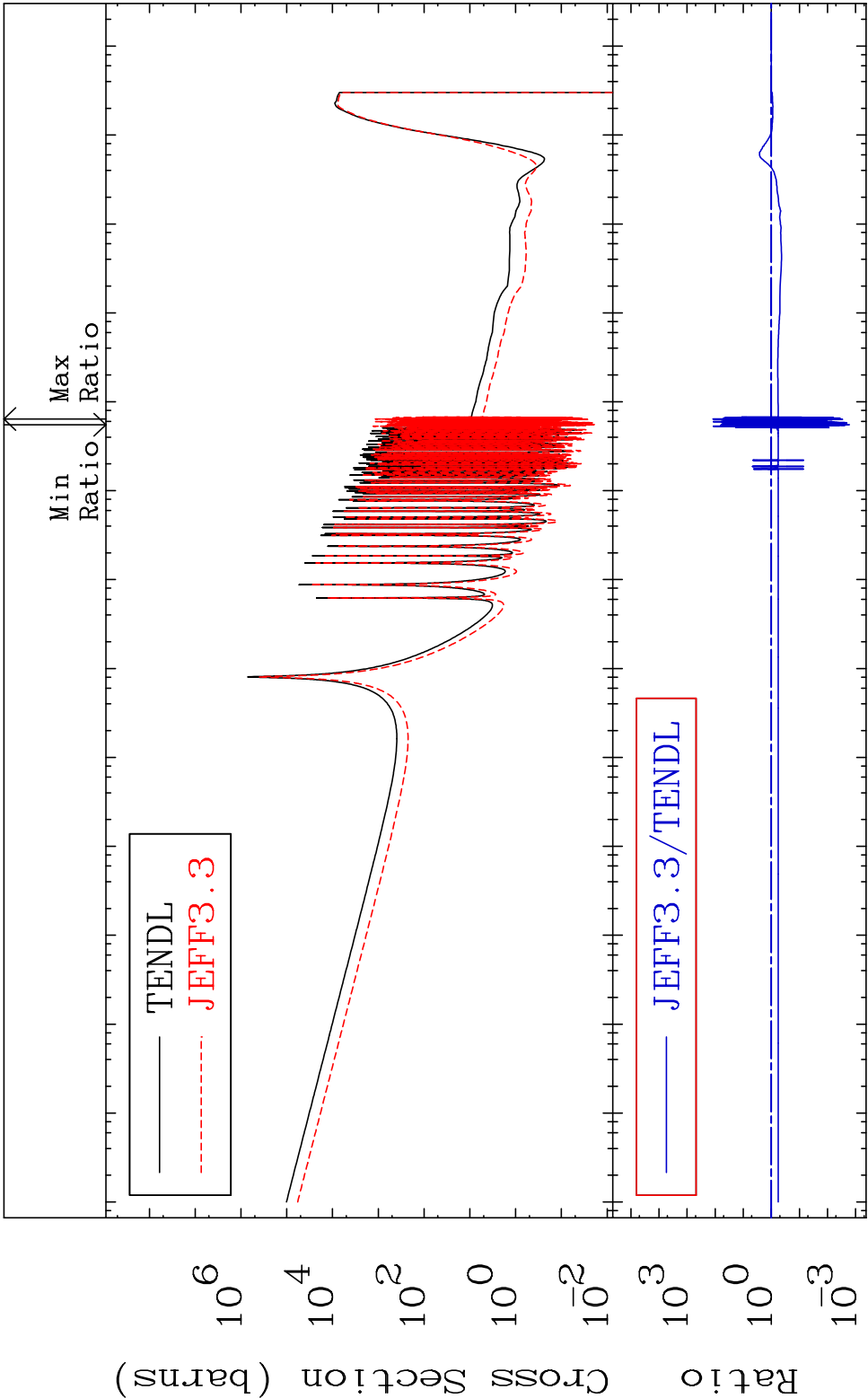
76	Incident Energy (eV)	62-Sm-152
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MAT 6249 Dpa elastic (mt2) 62-Sm-152
Cross Section -100.0 To 9999. %





MAT 6249 Dpa disappearance (mt102 -120) 62-Sm-152
Cross Section -99.83 To 9999. %



79 Incident Energy (eV) 62-Sm-152

