

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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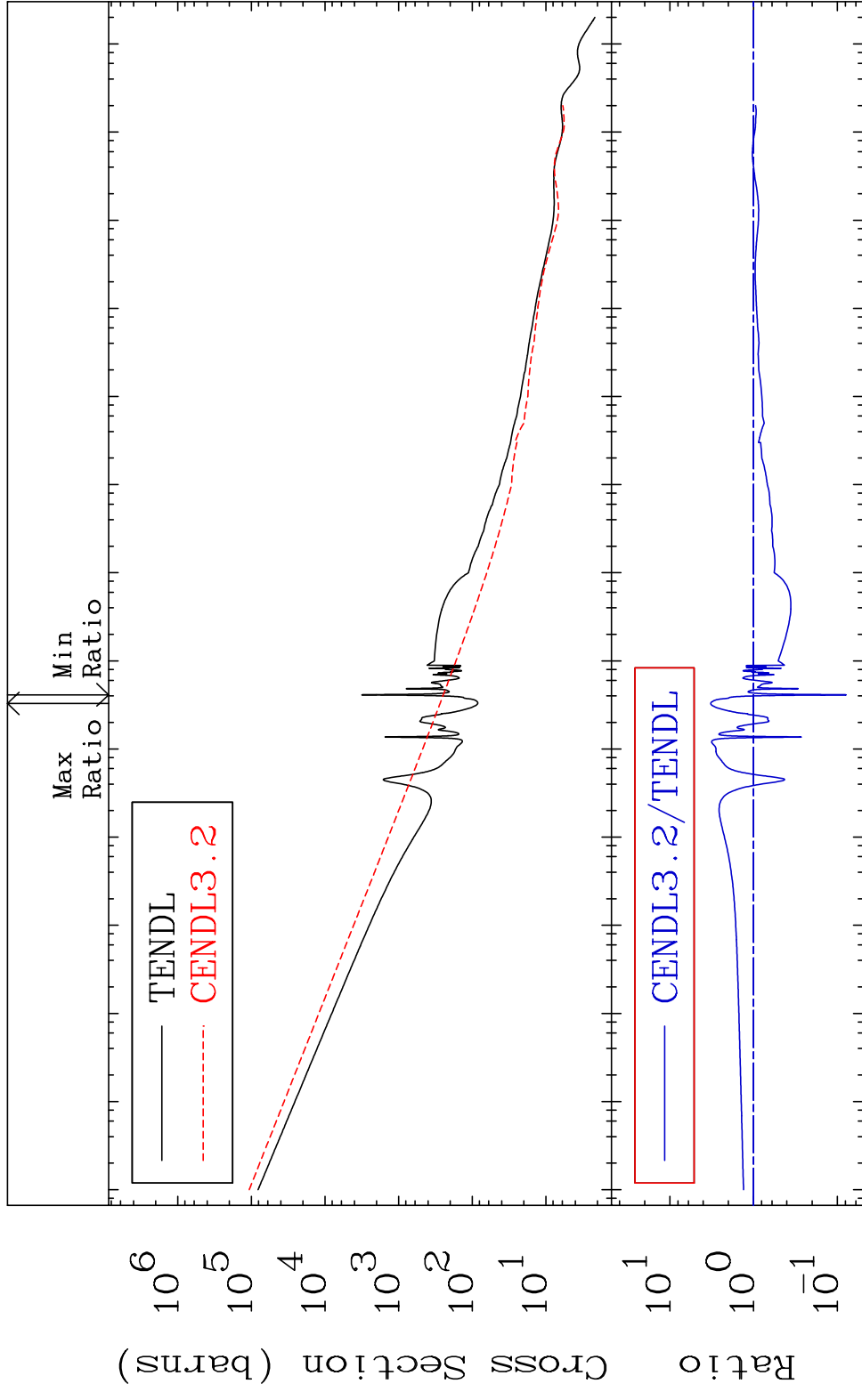
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9540

Total
Cross Section -92.21 To 225.1 %

95-Am-240

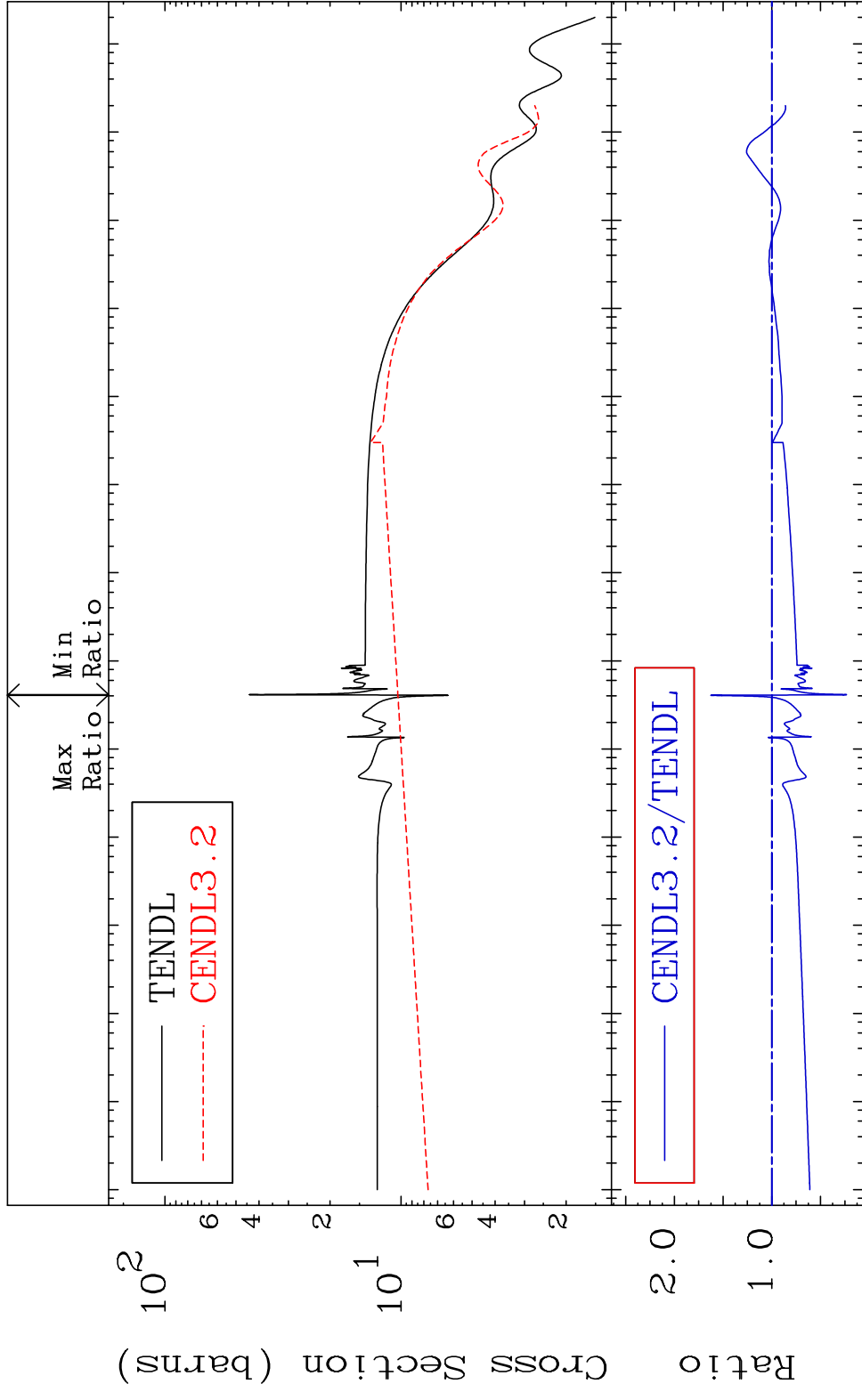


1 Incident Energy (eV) 95-Am-240

MAT 9540

Elastic Cross Section -76.53 To 62.71 %

95-Am-240

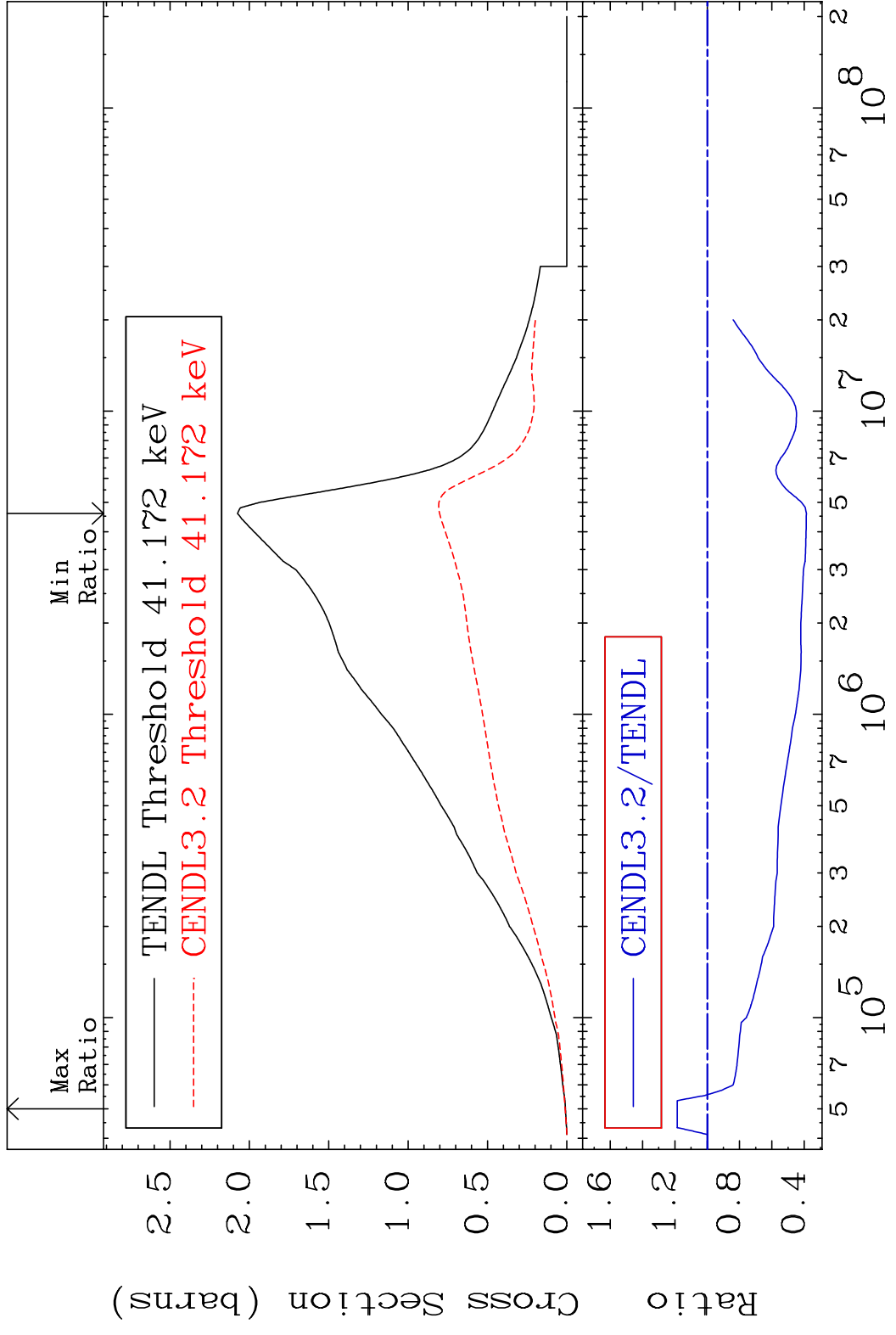


2

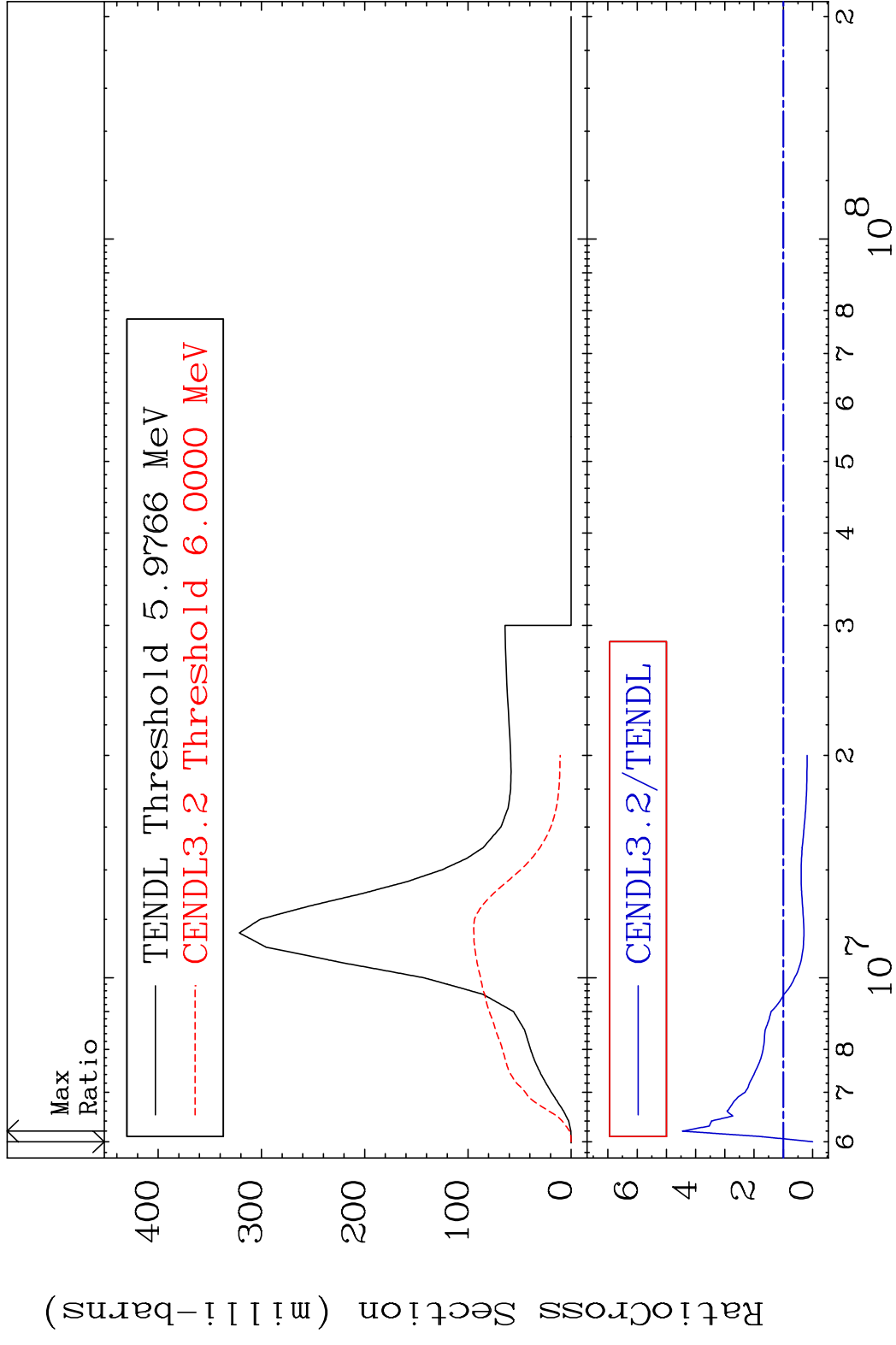
Incident Energy (eV)

95-Am-240

MAT 9540 Inelastic 95-Am-240
 Cross Section -61.35 To 18.59 %

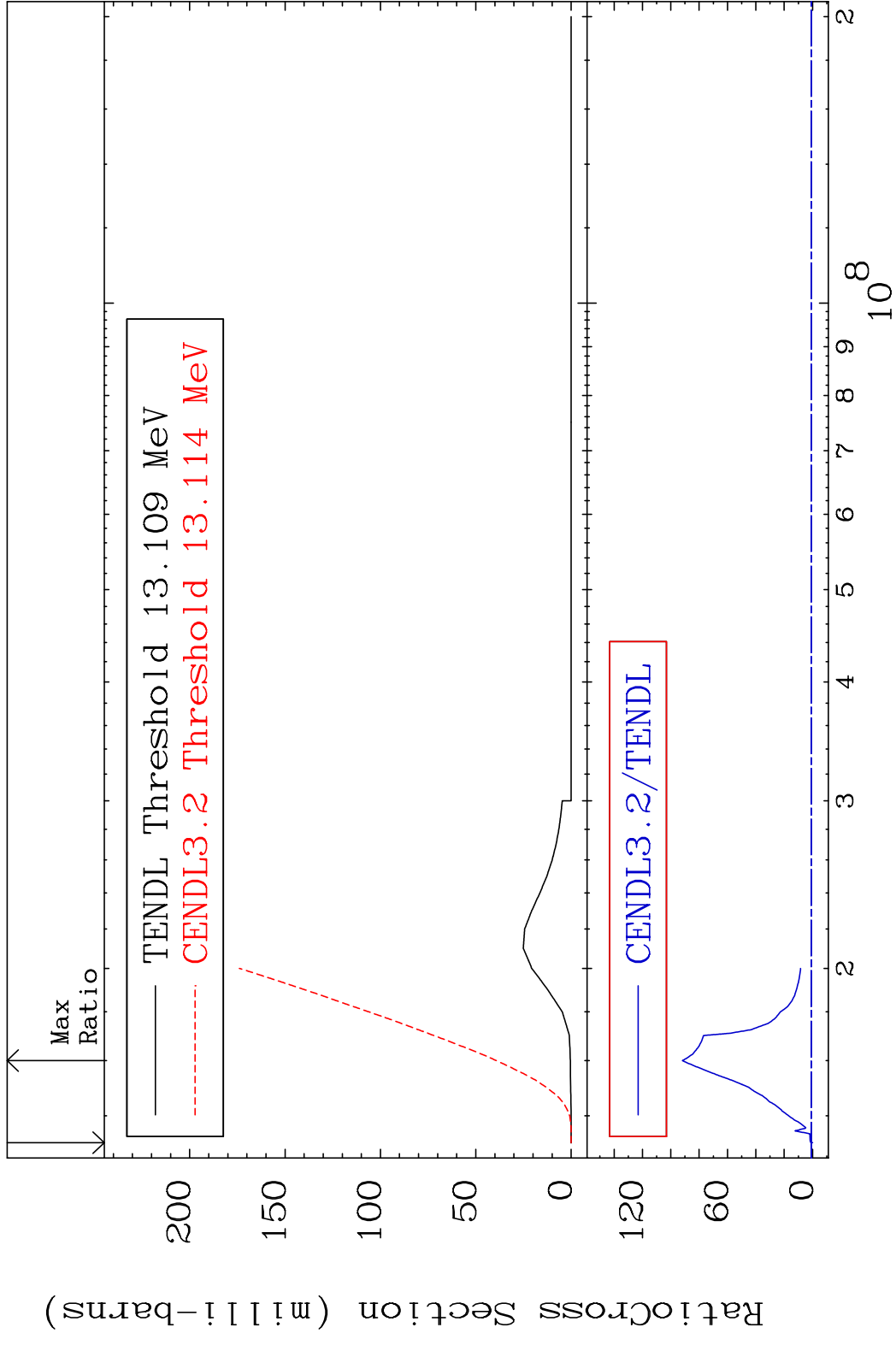


MAT 9540 (n,2n) 95-Am-240
 Cross Section -100.0 To 345.3 %



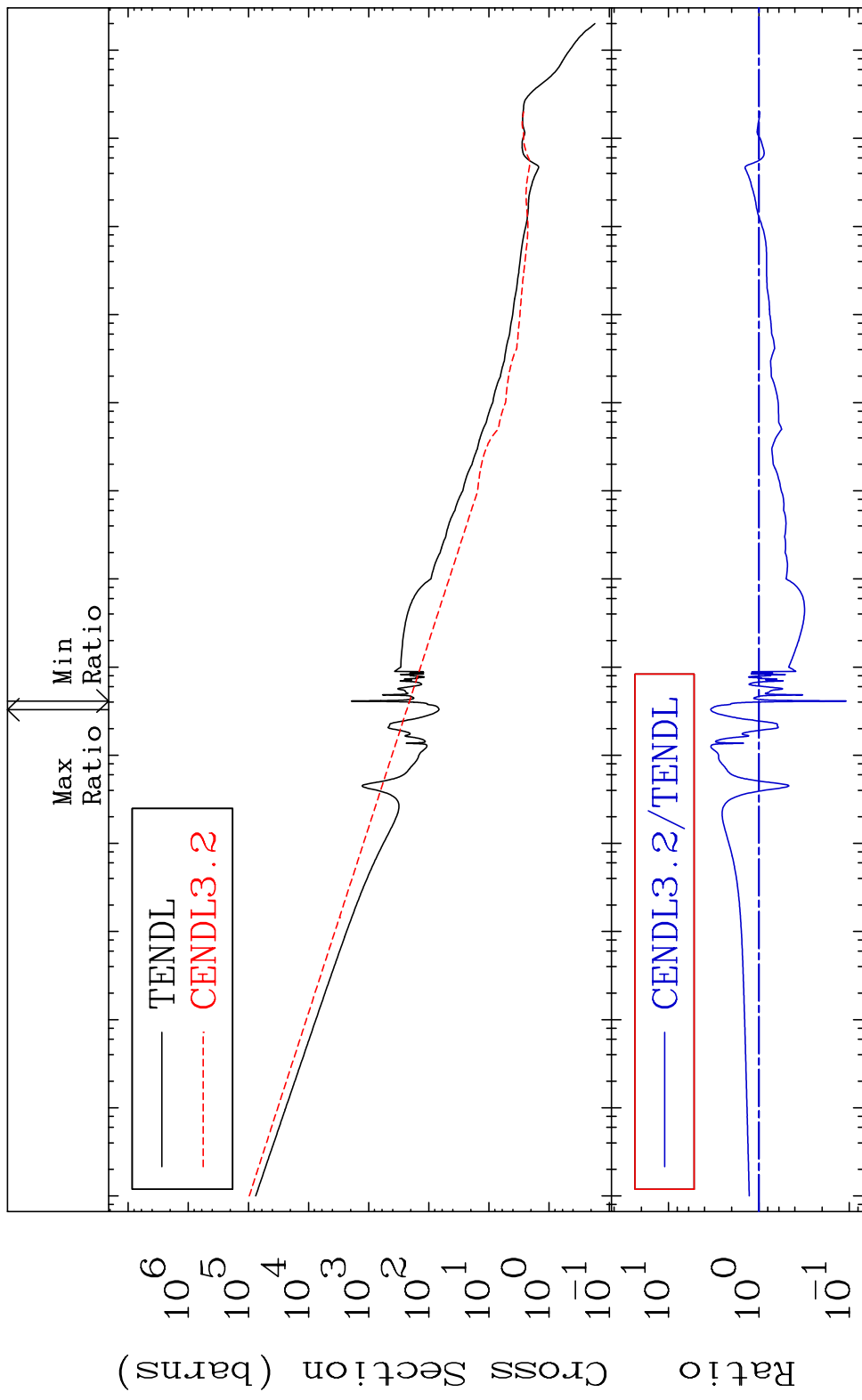
4 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 95-Am-240

MAT 9540 (n,3n) 95-Am-240
 Cross Section -100.0 To 9085. %

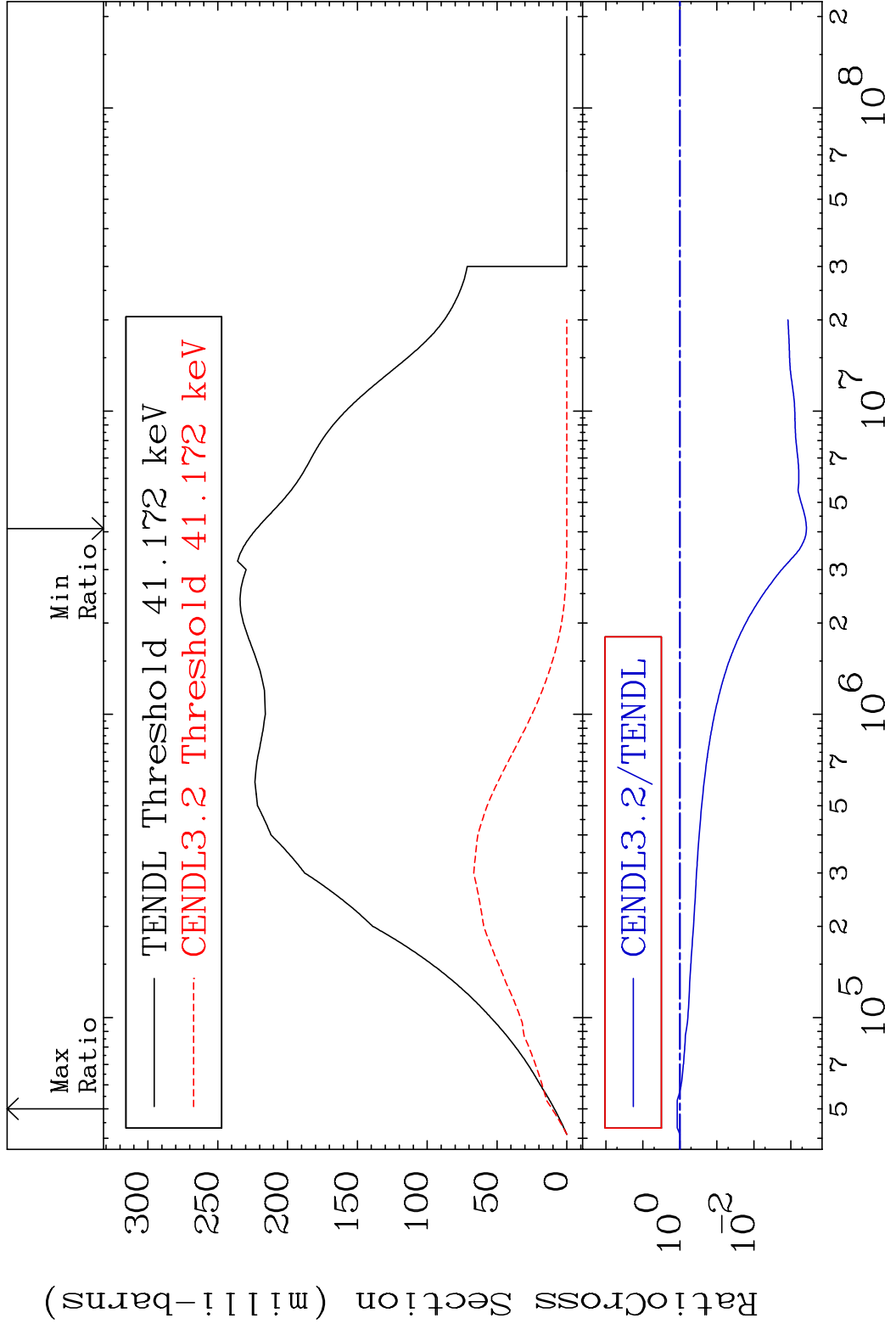


5 95-Am-240

MAT 9540 Fission 95-Am-240
 Cross Section -89.21 To 241.5 %

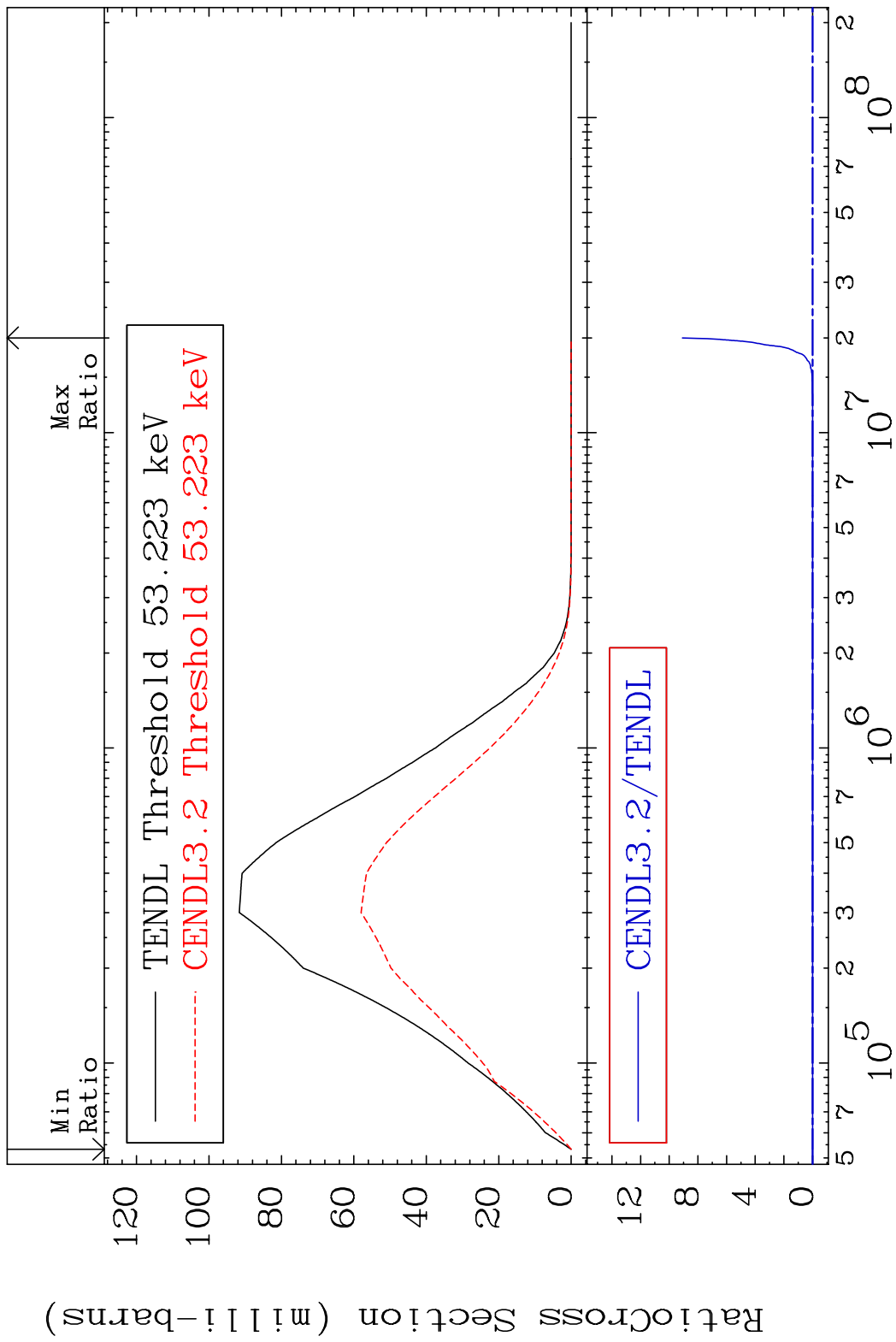


MAT 9540 MT= 51 (n, n') Level 95-Am-240
 Cross Section -99.96 To 18.59 %



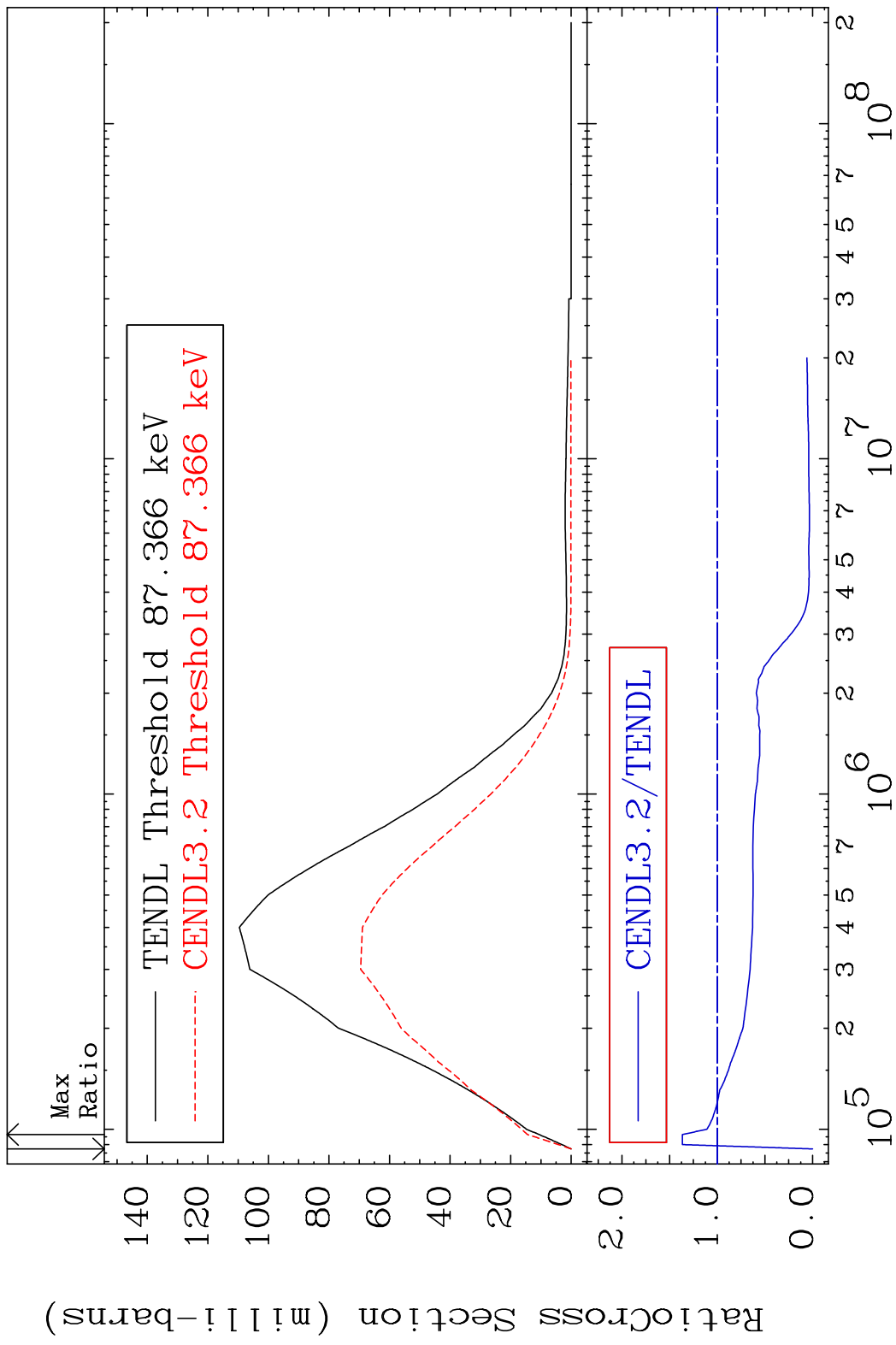
7 95-Am-240

MAT 9540 MT= 52 (n, n') Level 95-Am-240
 Cross Section -100.0 To 9999. %

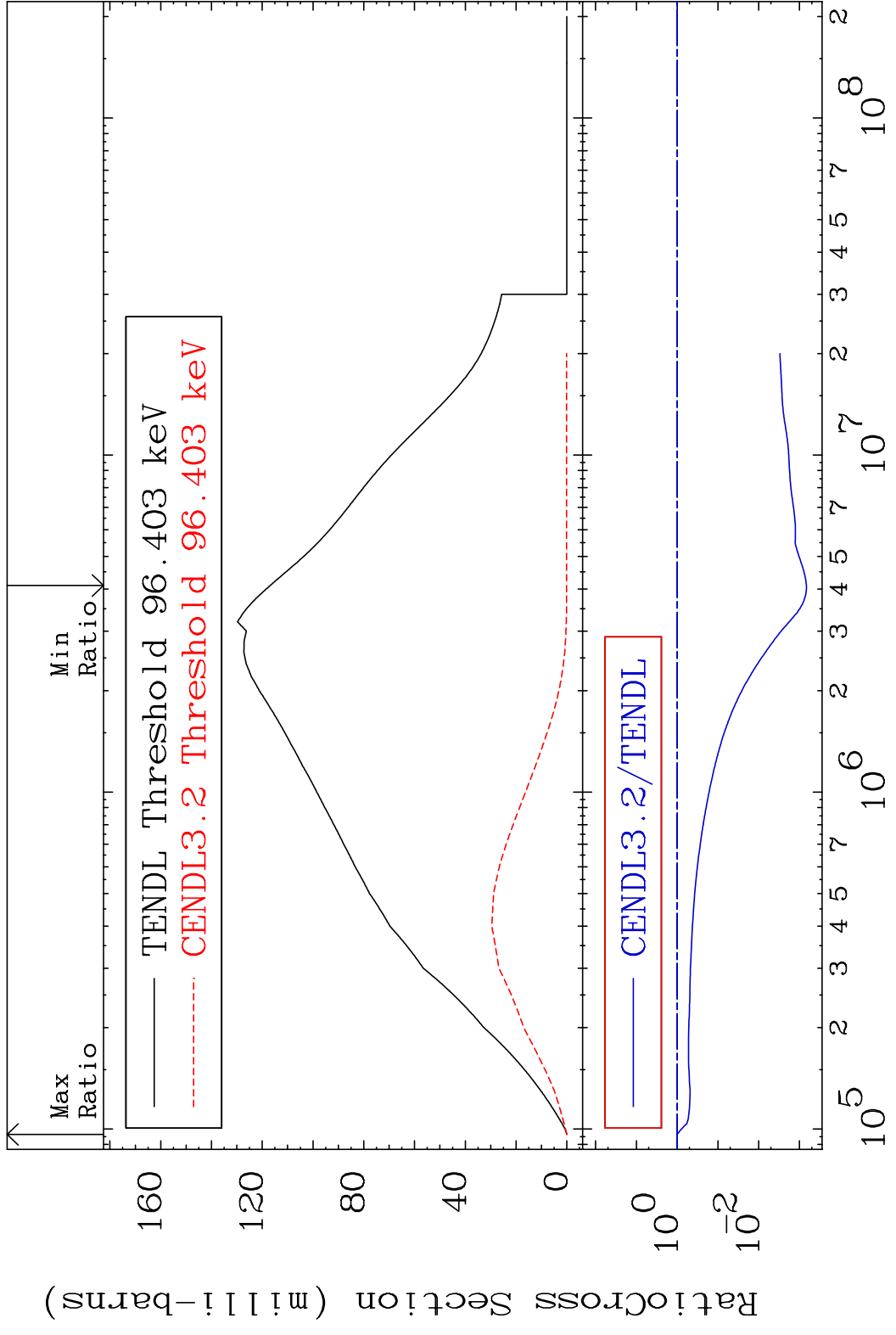


8 Incident Energy (eV) 95-Am-240

MAT 9540 MT= 53 (n, n') Level 95-Am-240
 Cross Section -100.0 To 36.64 %

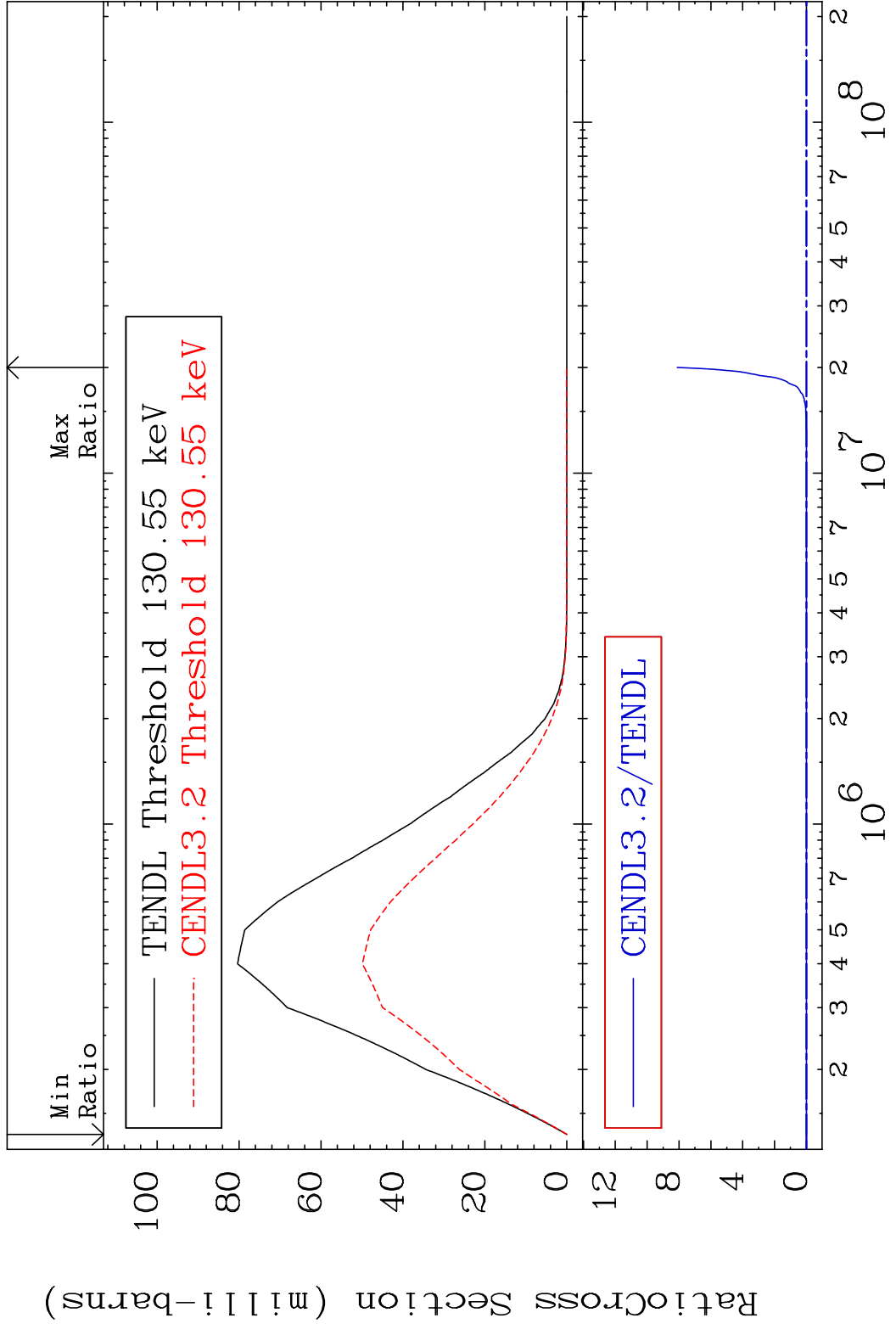


MAT 9540 MT= 54 (n, n') Level 95-Am-240
 Cross Section -99.93 To 0.000 %

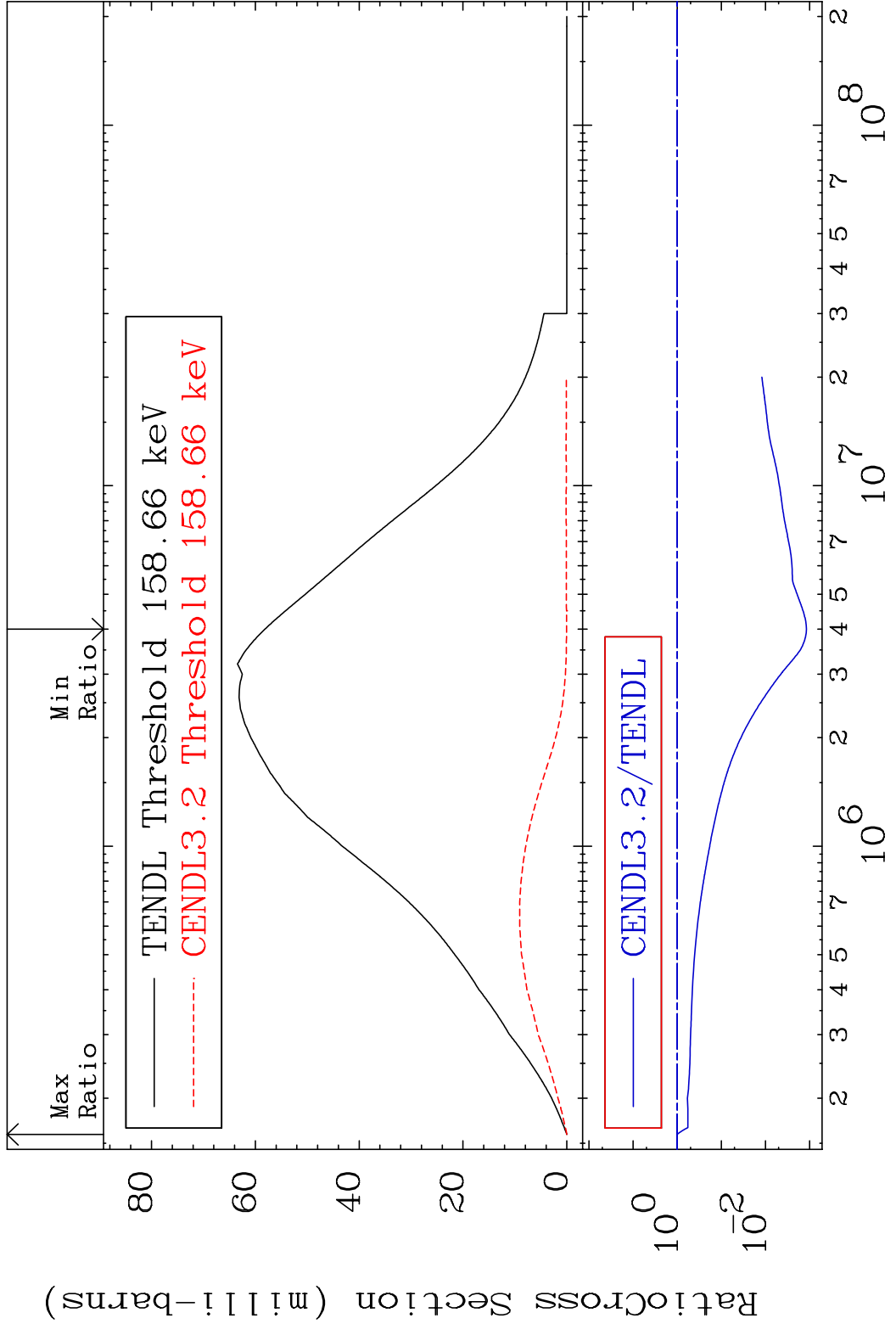


10 Incident Energy (eV) 95-Am-240

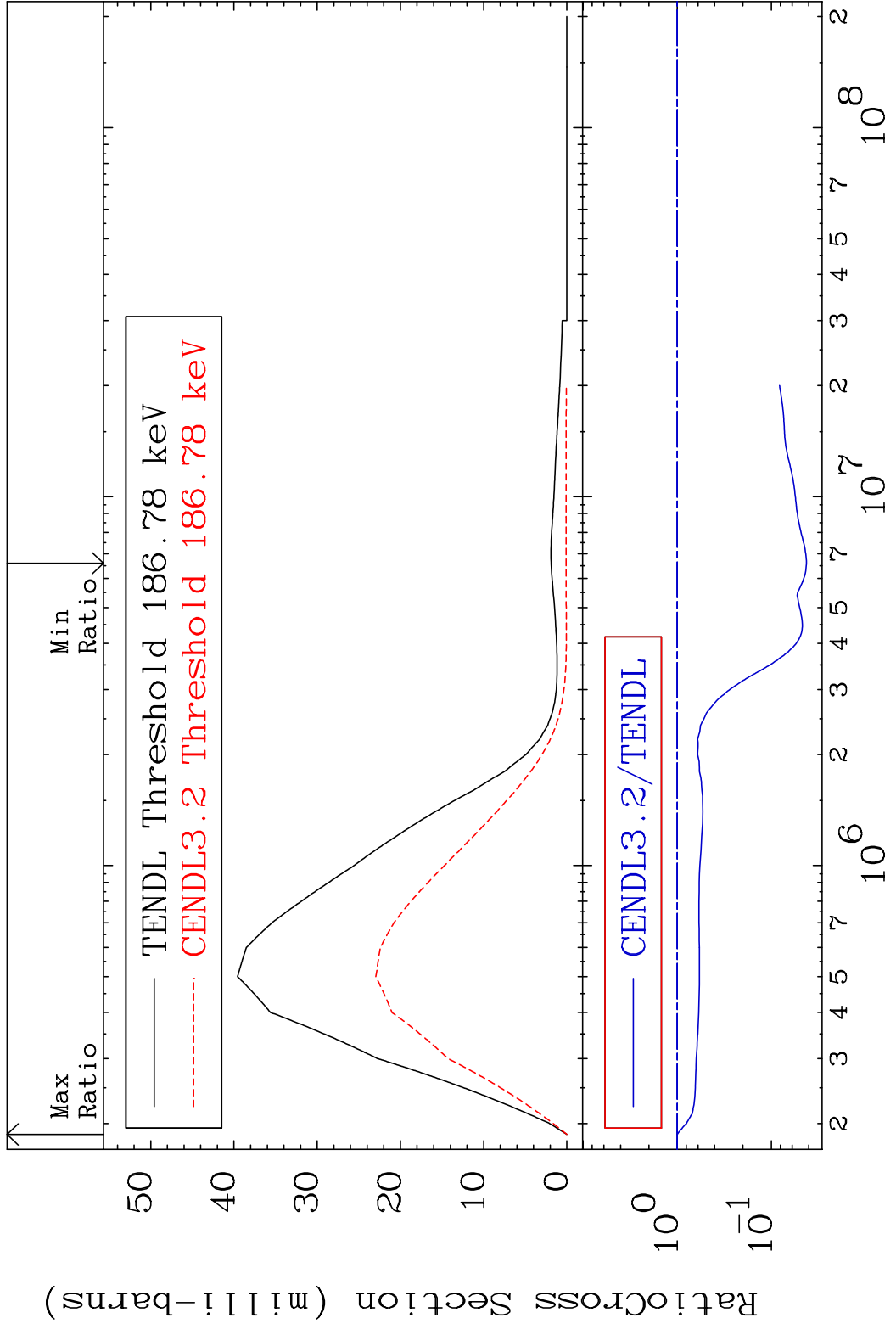
MAT 9540 MT= 55 (n, n') Level 95-Am-240
 Cross Section -100.0 To 9999. %



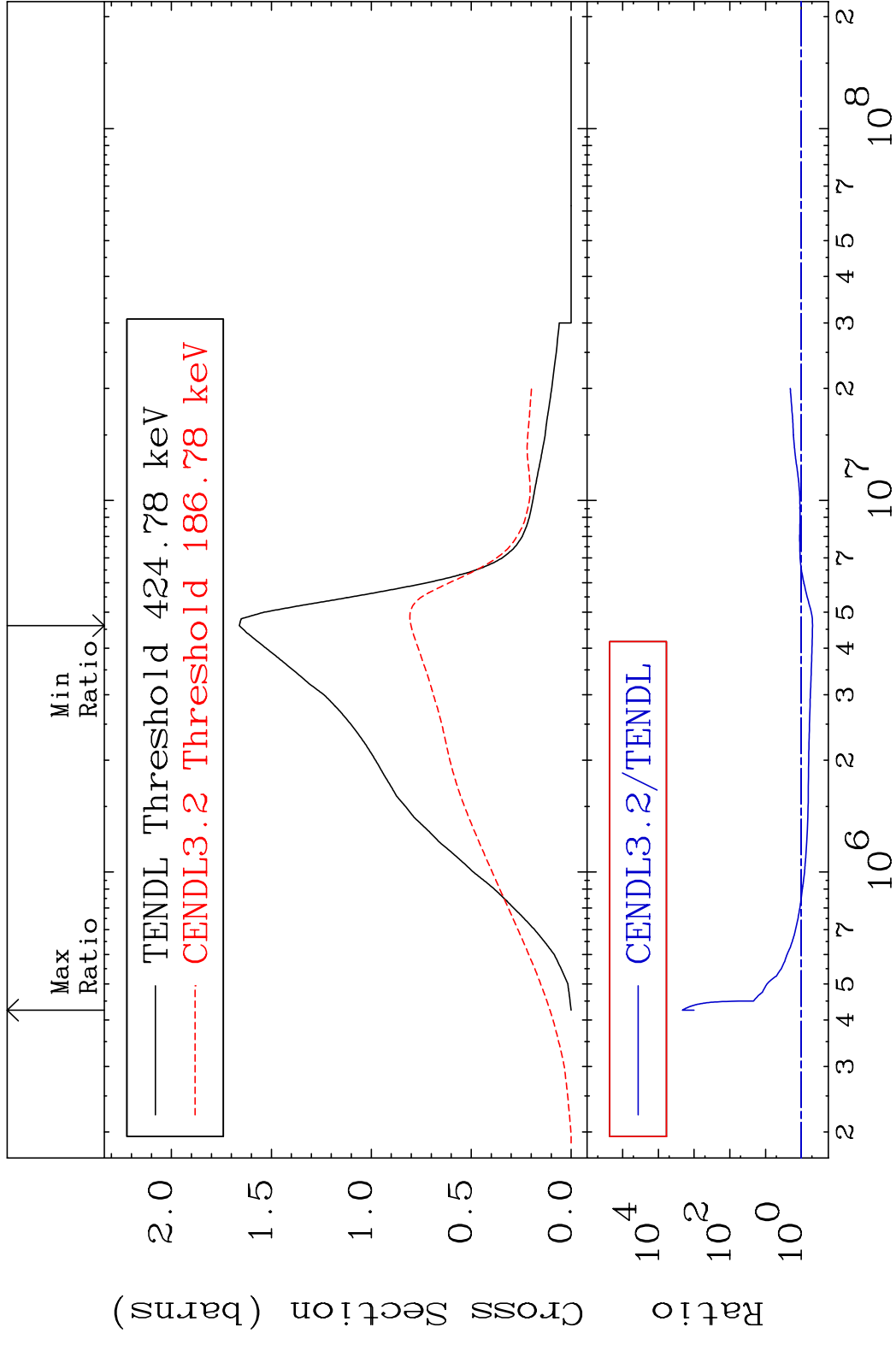
MAT 9540 MT= 56 (n, n') Level 95-Am-240
 Cross Section -99.88 To 0.000 %



MAT 9540 MT= 57 (n, n') Level 95-Am-240
 Cross Section -95.76 To 0.000 %



MAT 9540 (n,n') Continuum 95-Am-240
 Cross Section -51.74 To 9999. %

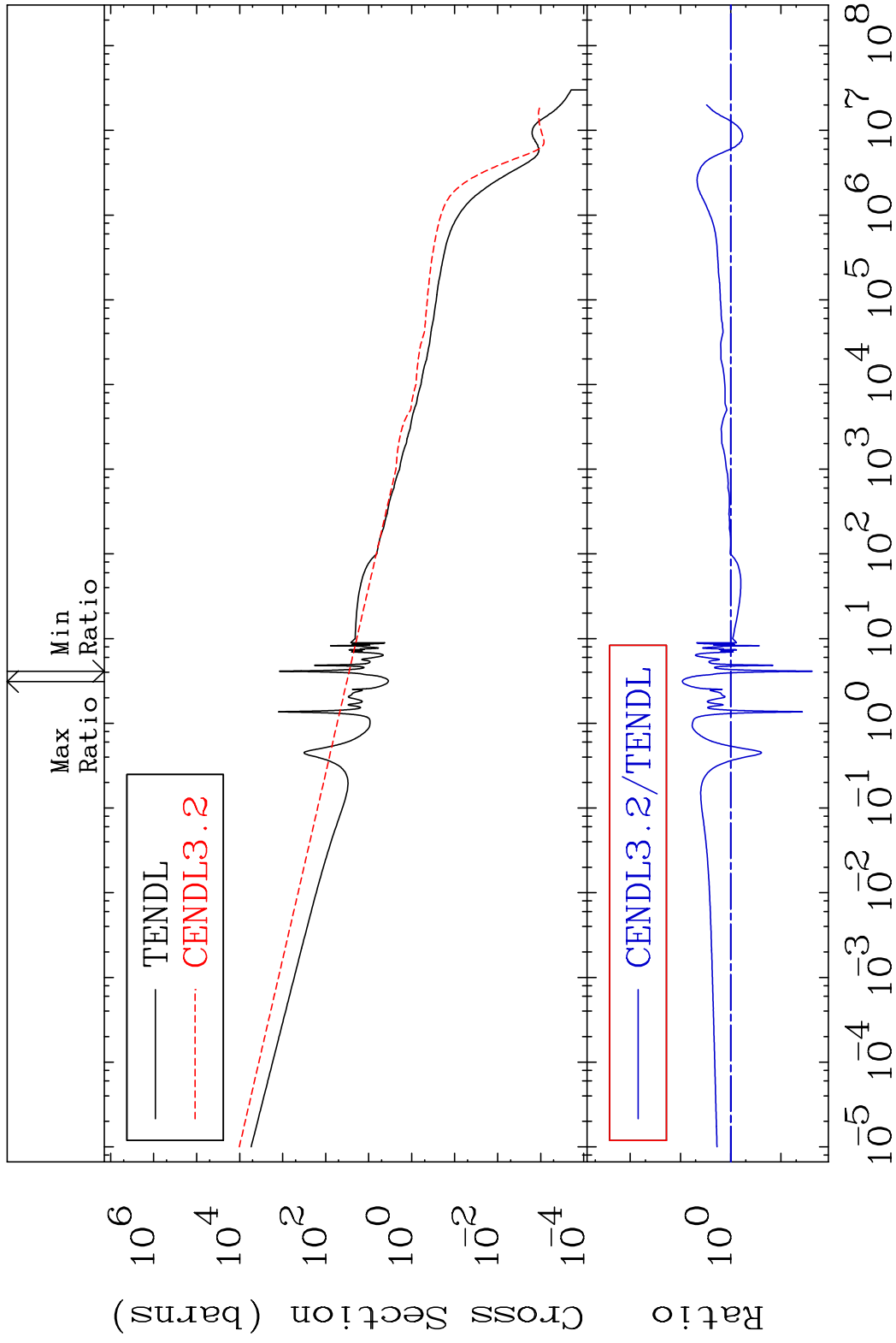


MAT 9540

(n, γ)

95-Am-240

Cross Section -97.65 To 819.2 %

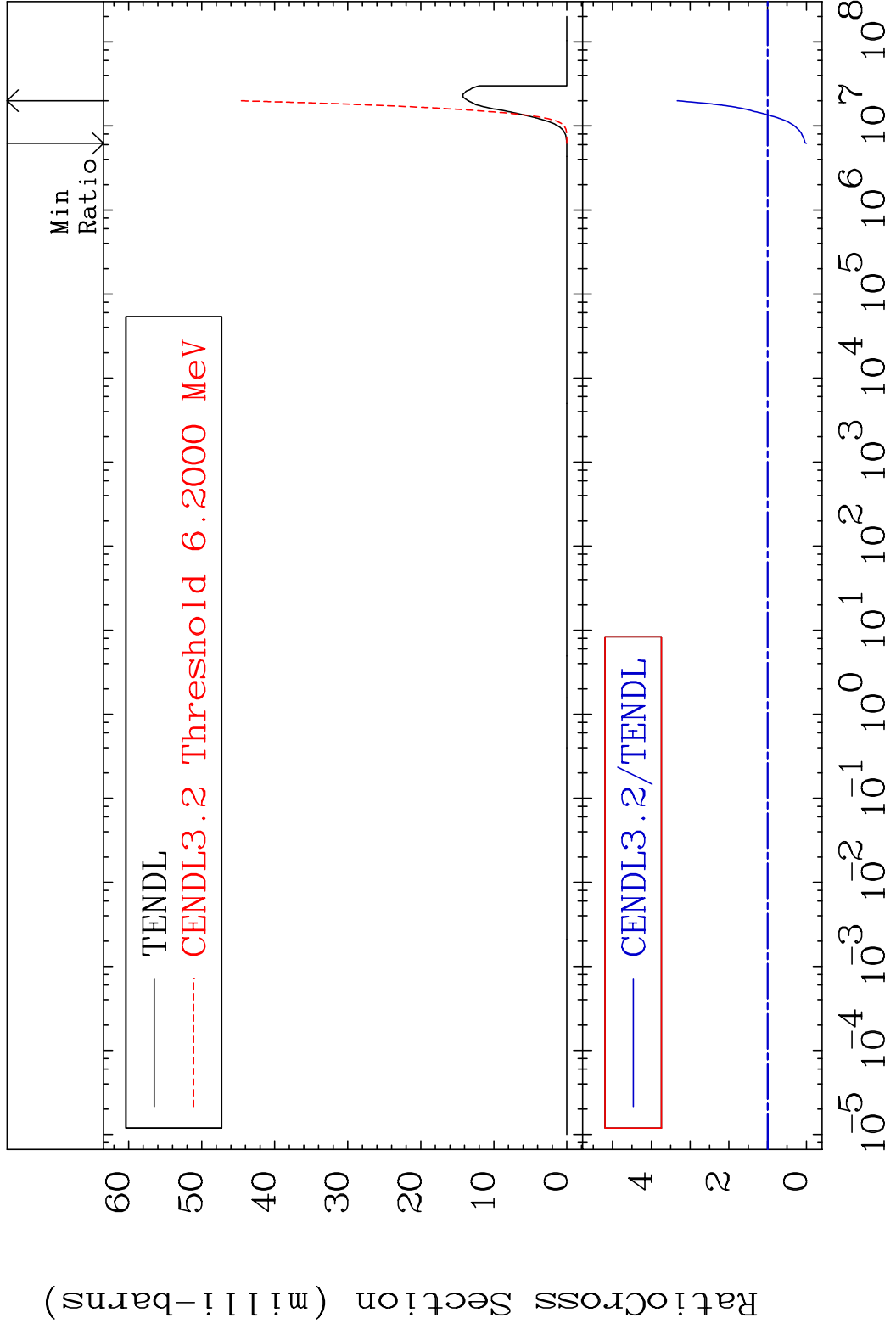


15

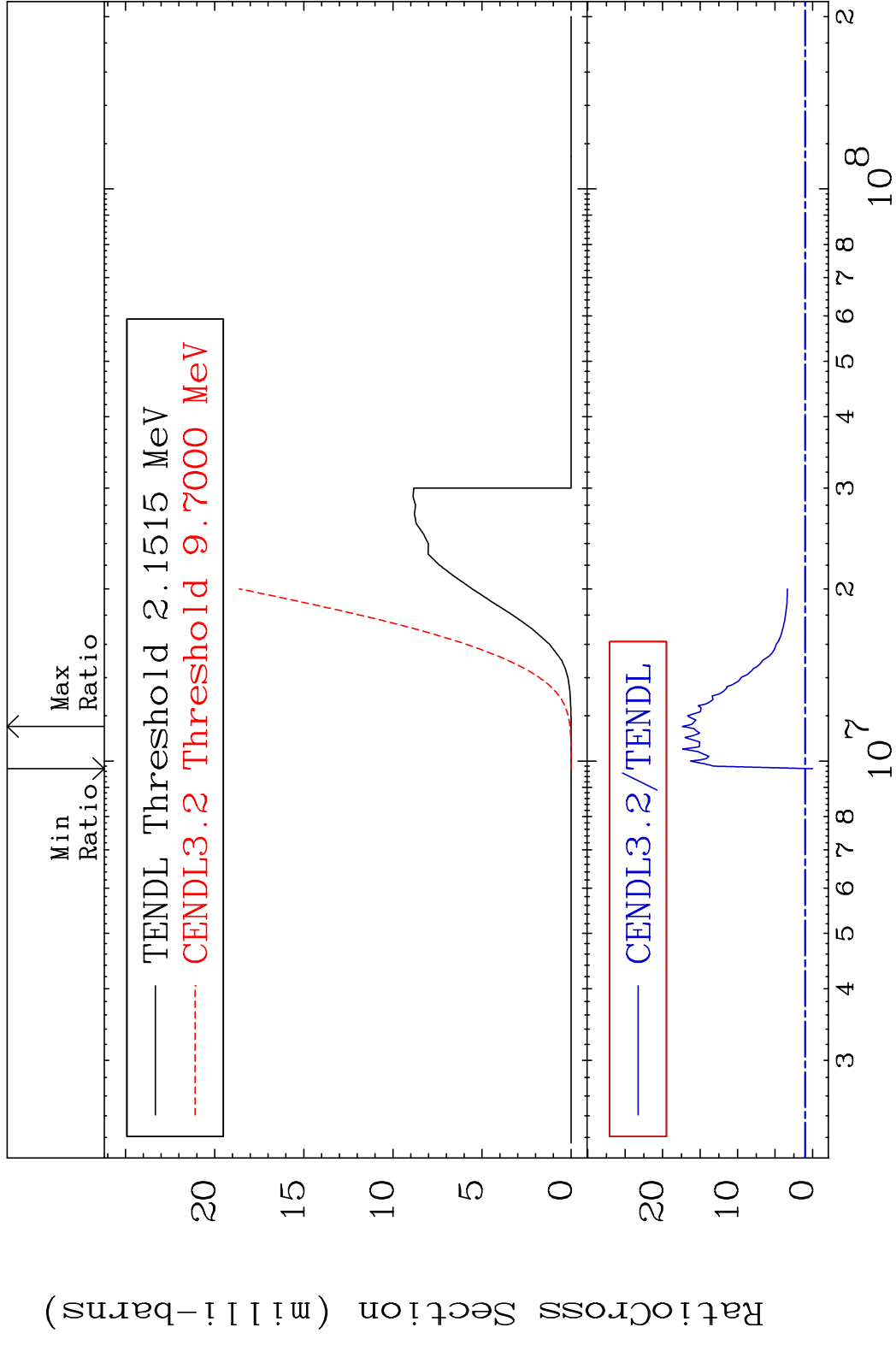
Incident Energy (eV)

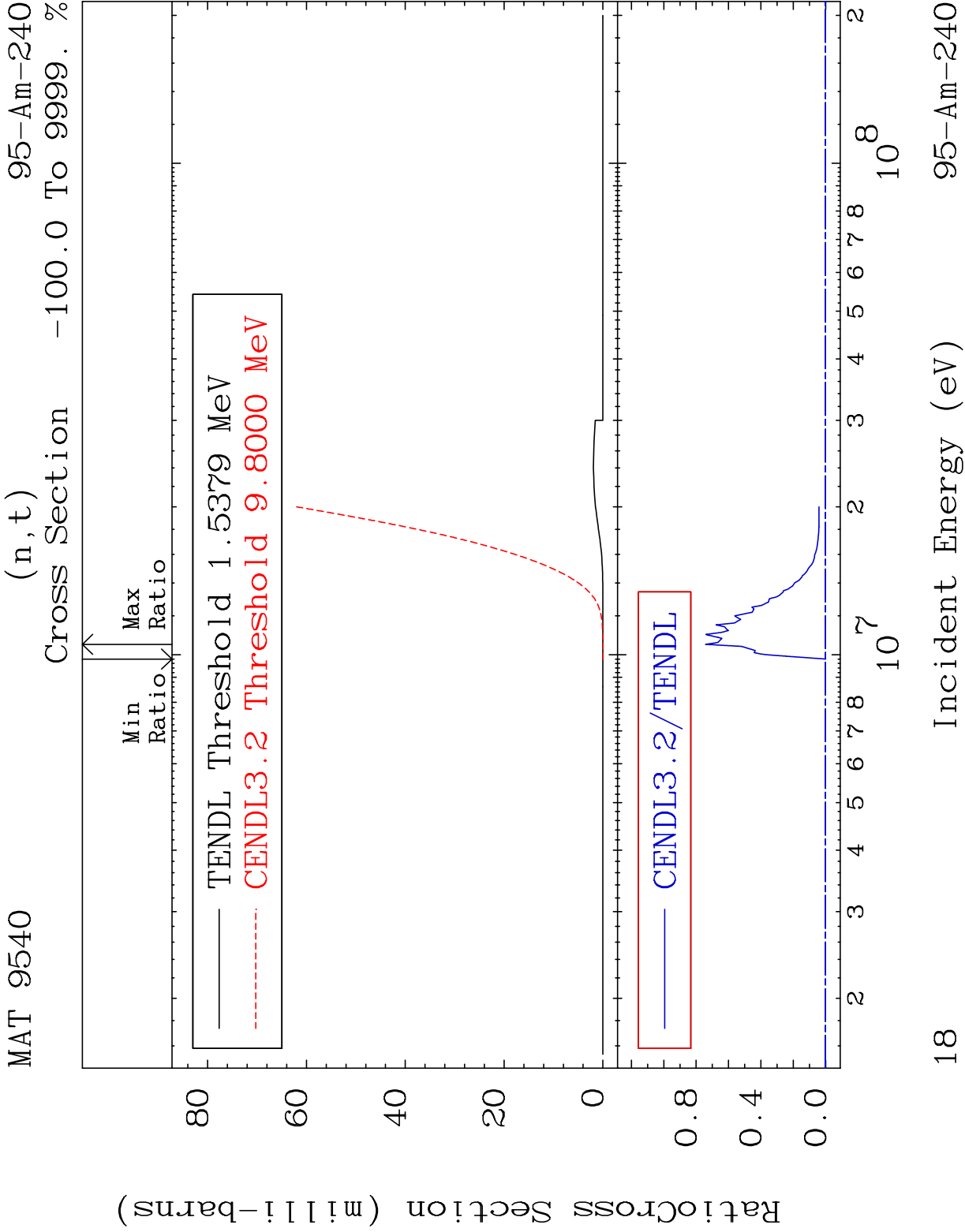
95-Am-240

MAT 9540 (n, p) 95-Am-240
 Cross Section -100.0 To 233.3 %



MAT 9540 (n,d) 95-Am-240
 Cross Section -100.0 To 1637. %



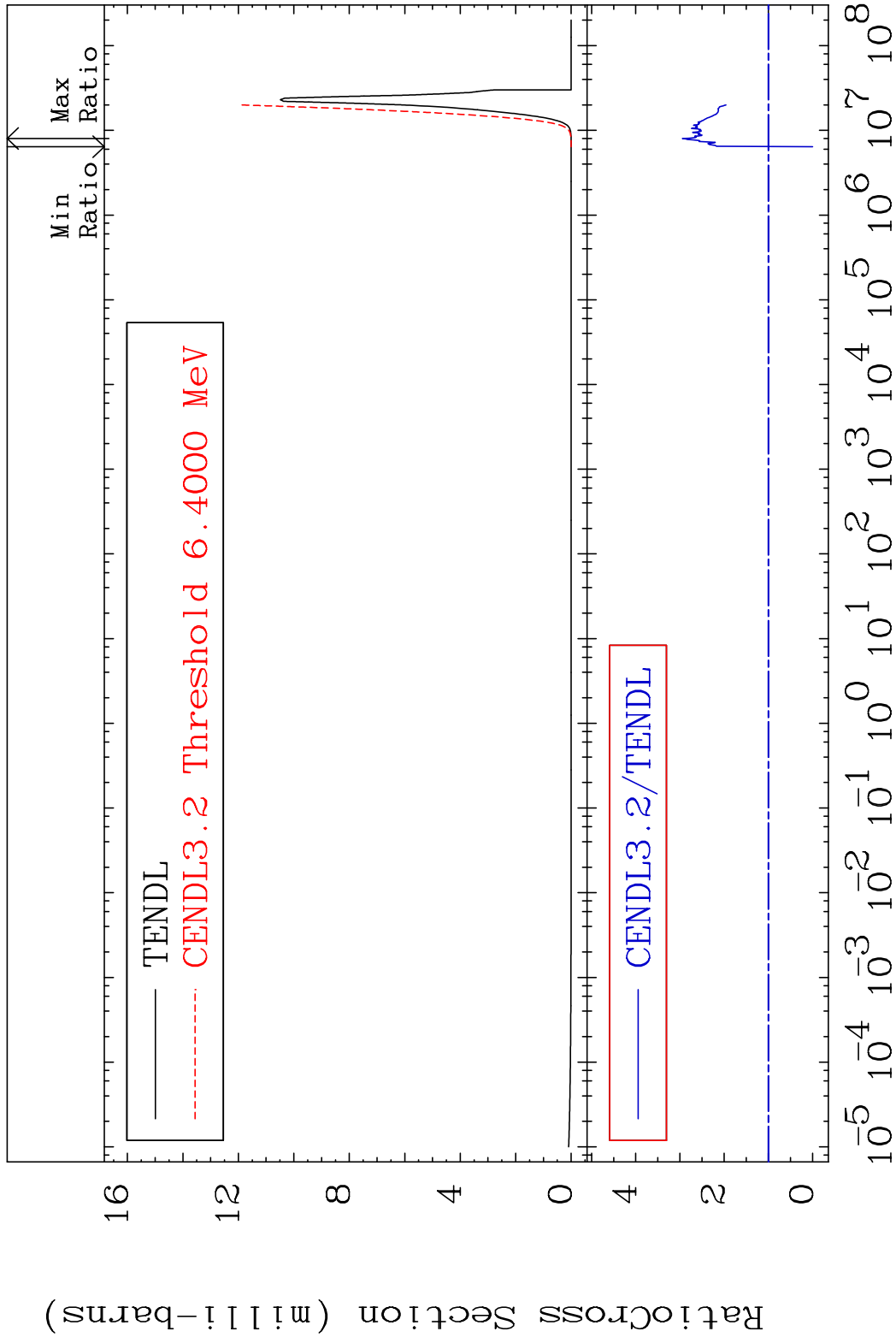


MAT 9540

(n, α)

95-Am-240

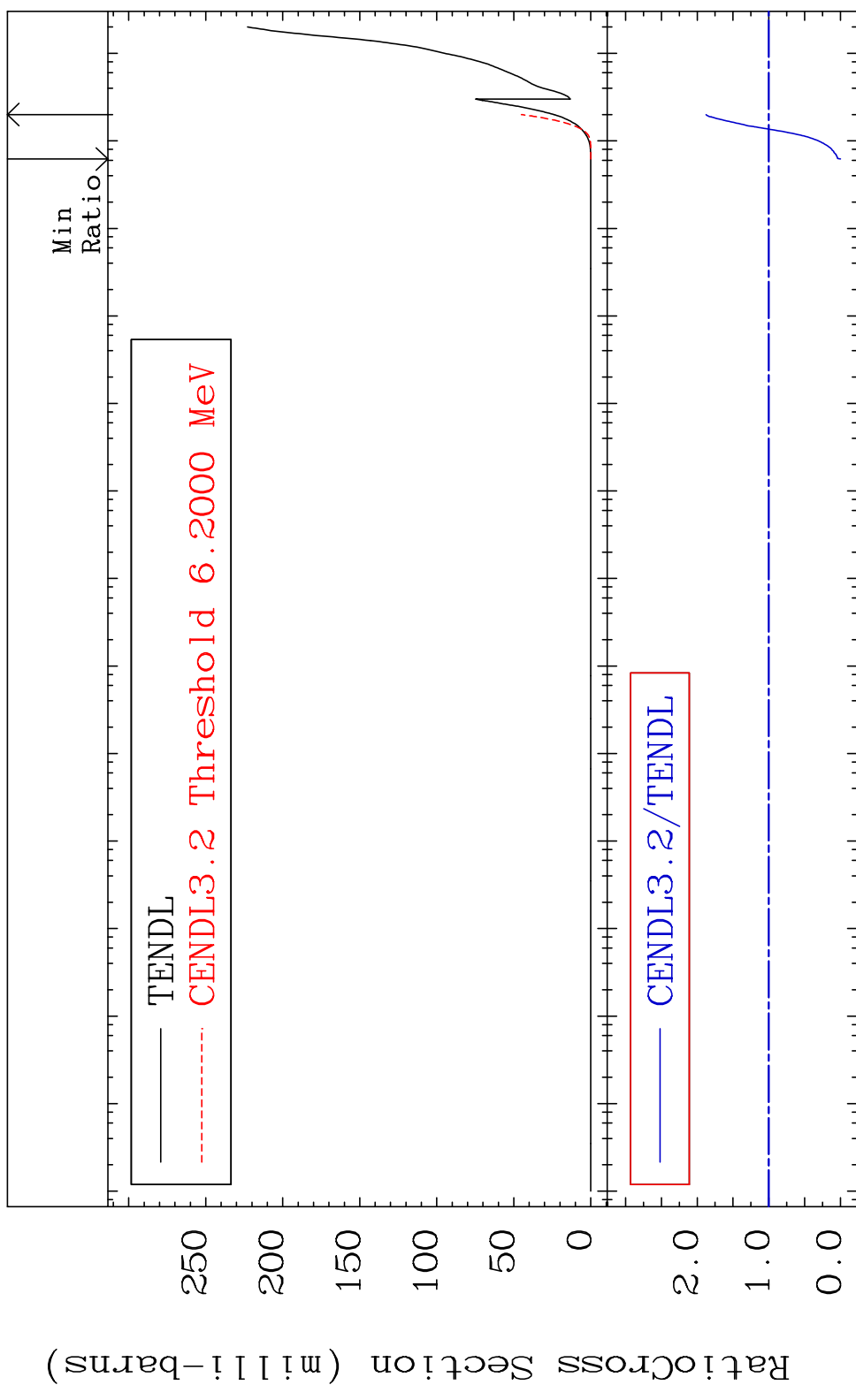
Cross Section -100.0 To 194.6 %



MAT 9540

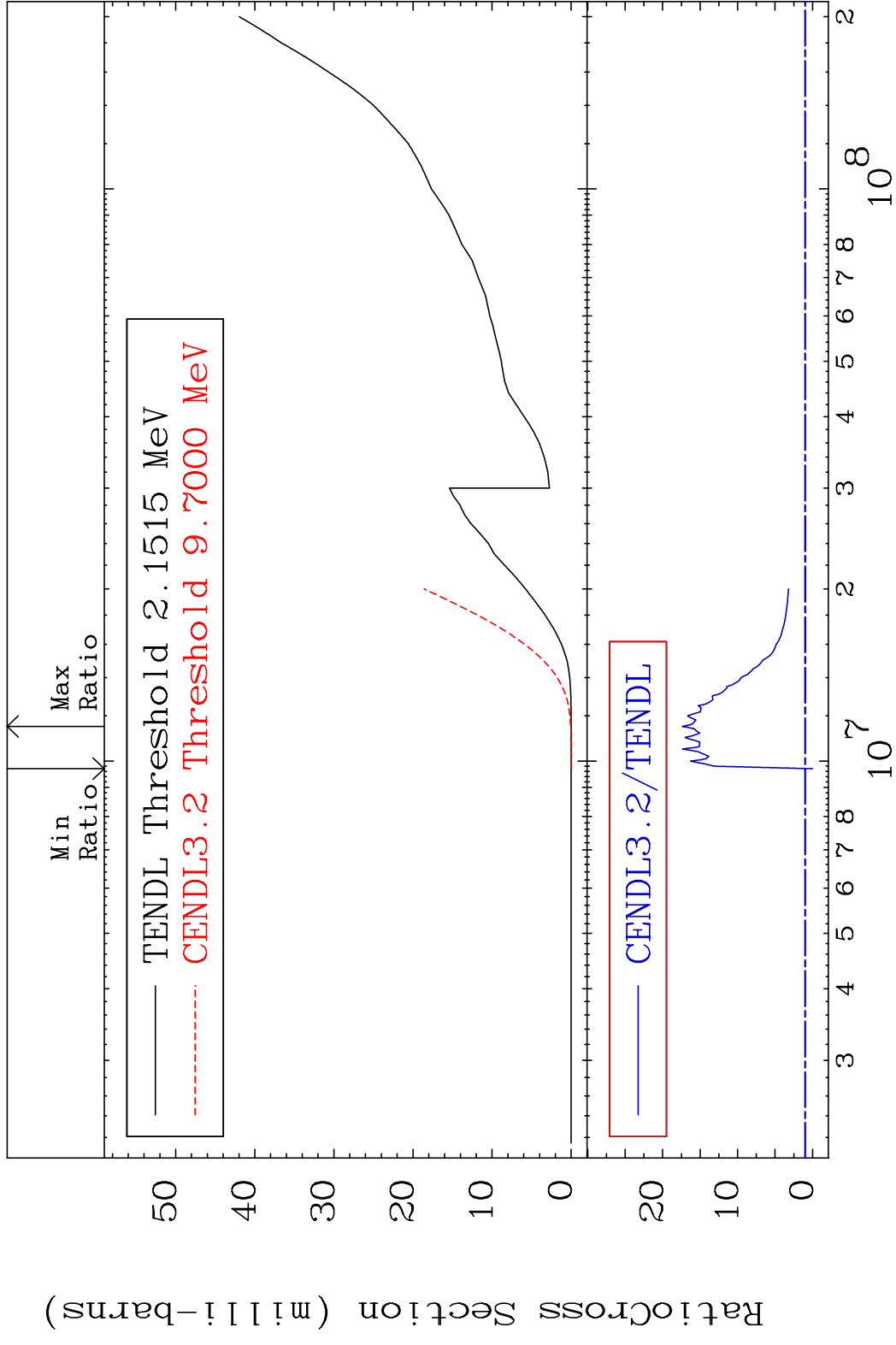
Hydrogen Production
Cross Section -100.0 To 88.05 %

95-Am-240



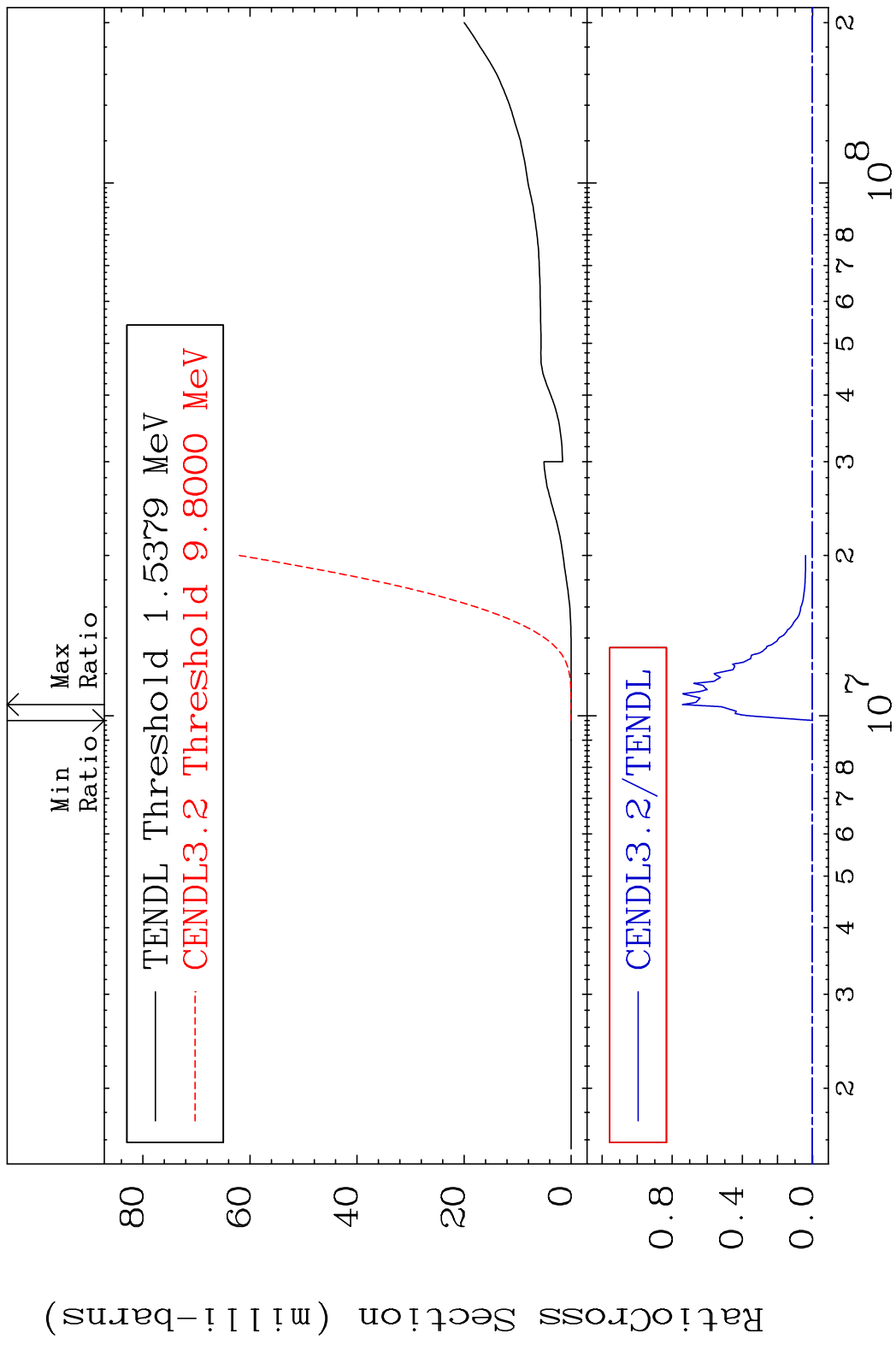
20

MAT 9540 Deuterium Production 95-Am-240
 Cross Section -100.0 To 1637. %



21 Incident Energy (eV) 95-Am-240

MAT 9540 Tritium Production 95-Am-240
 Cross Section -100.0 To 9999. %

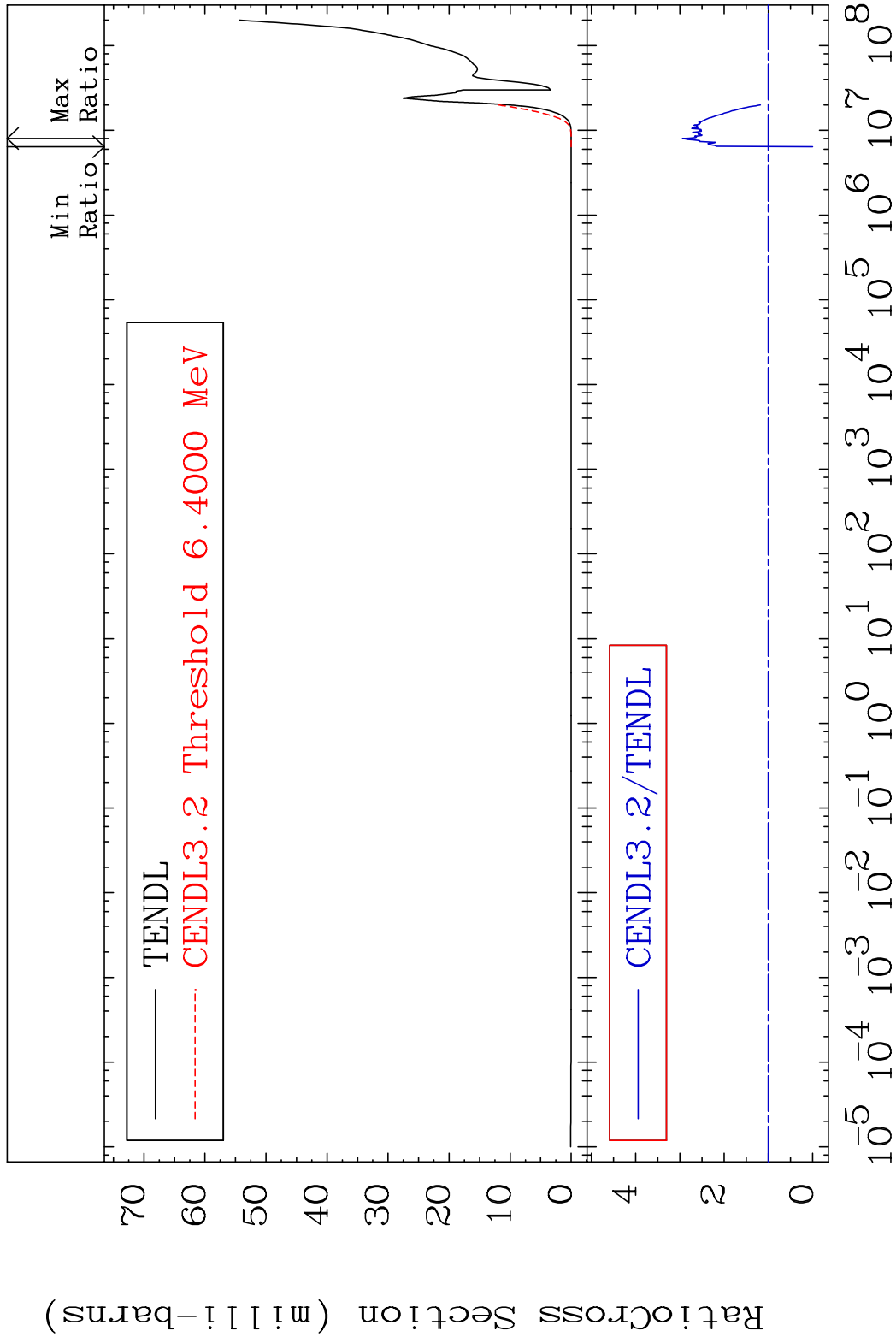


MAT 9540

He-4 Production

95-Am-240

Cross Section -100.0 To 194.3 %

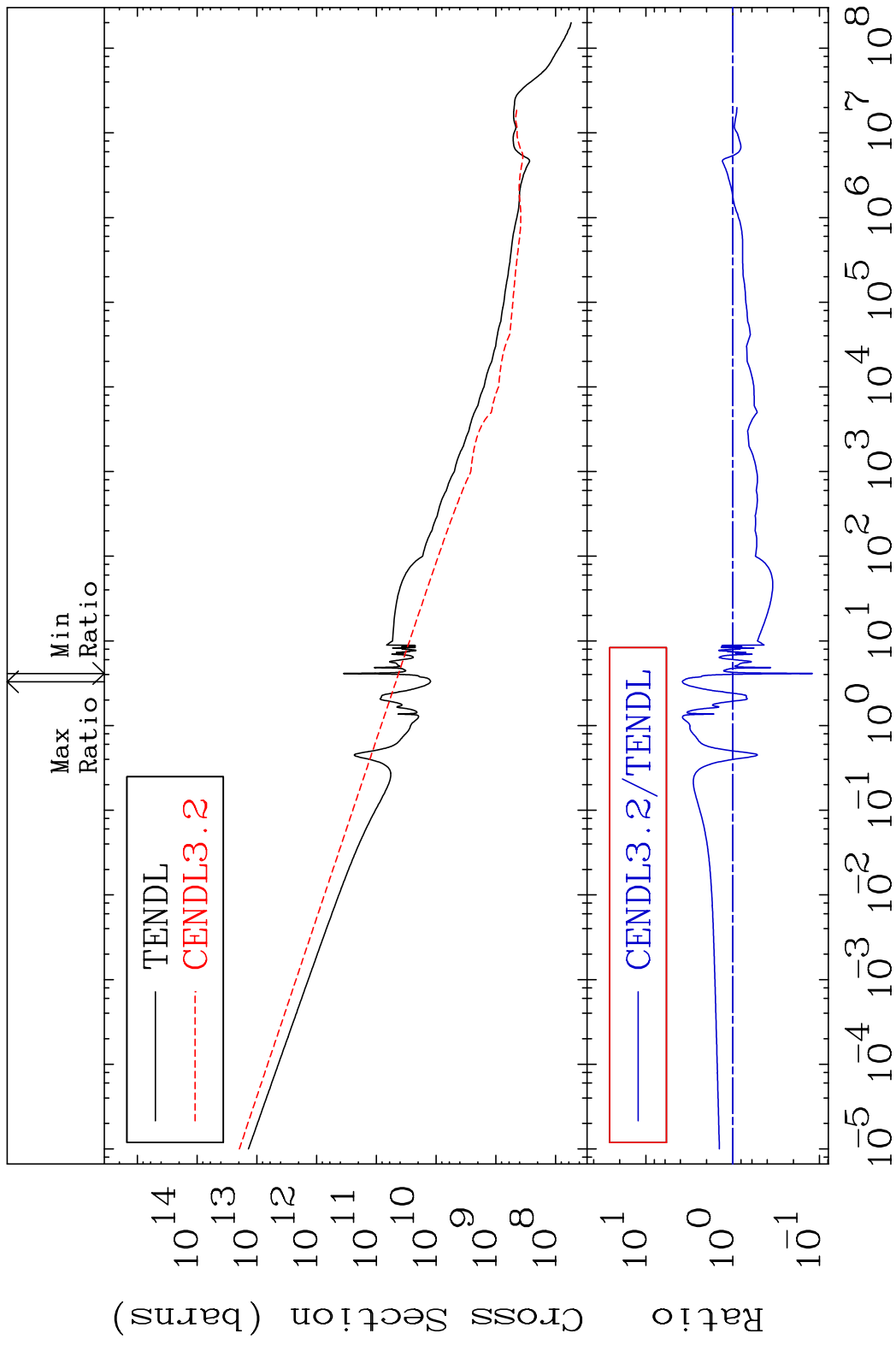


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Incident Energy (eV)

95-Am-240

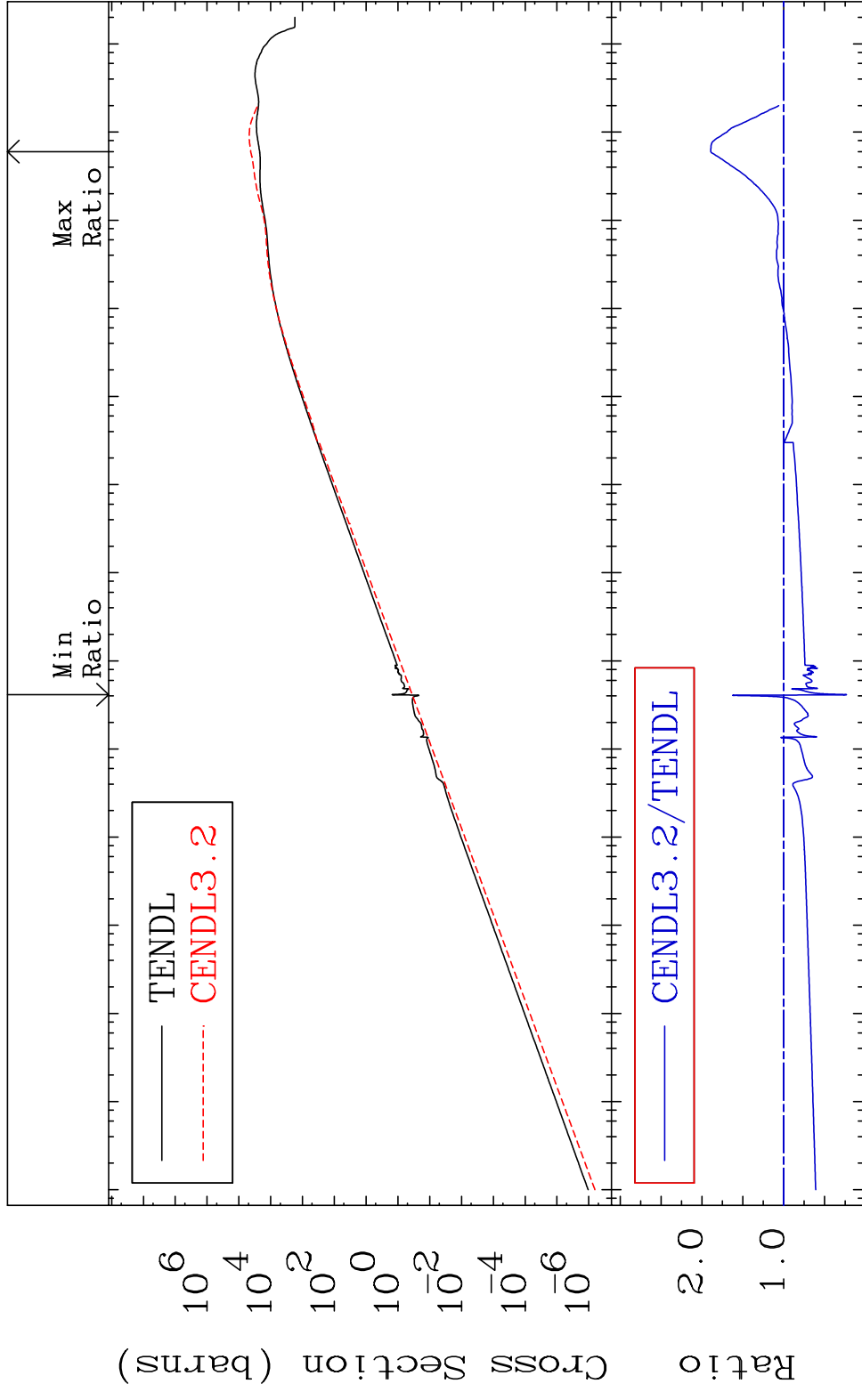
MAT 9540 Kerma total (eV-barns) 95-Am-240
 Cross Section -87.99 To 280.1 %



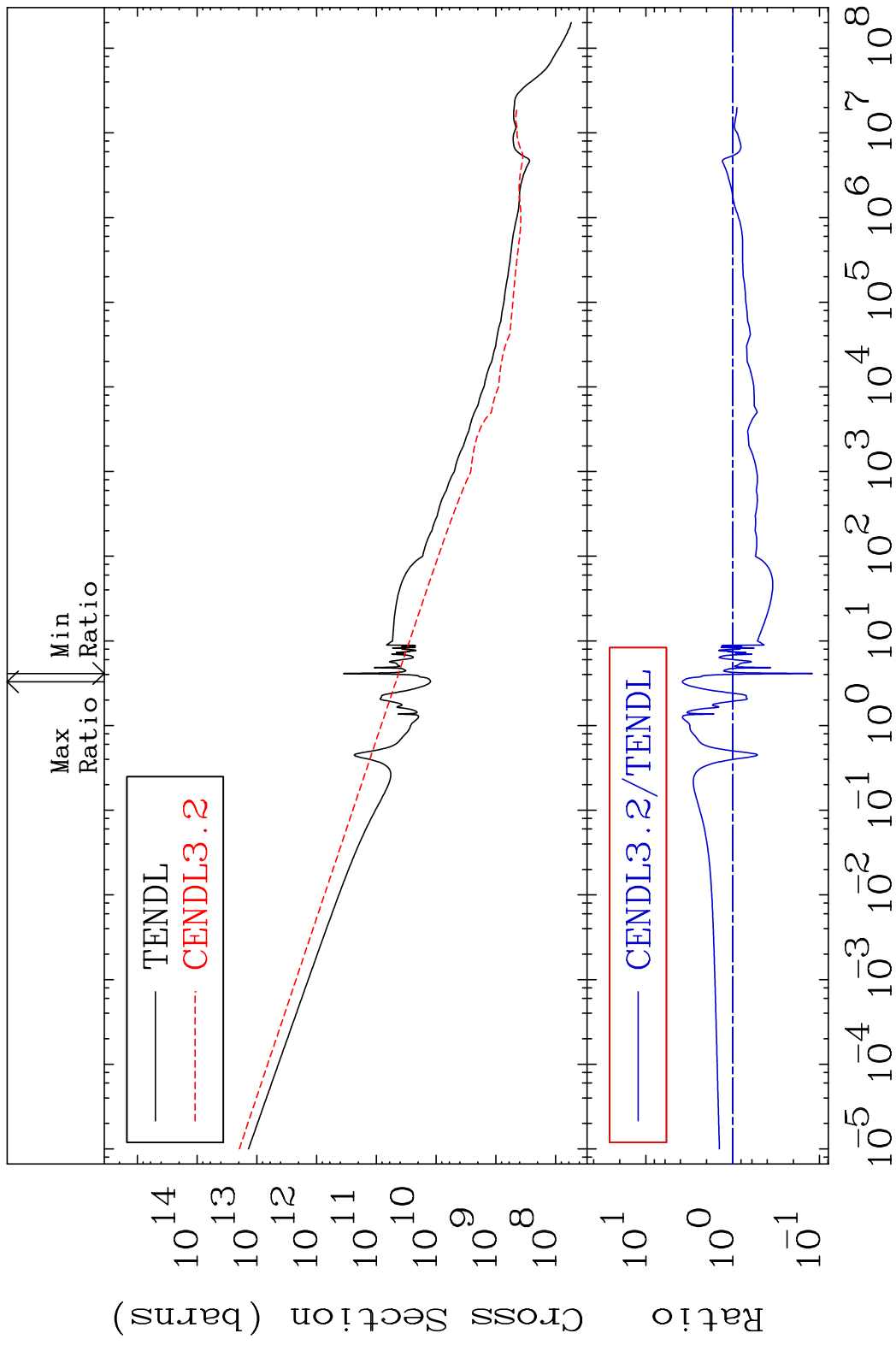
MAT 9540

Kerma elastic
Cross Section -76.53 To 89.32 %

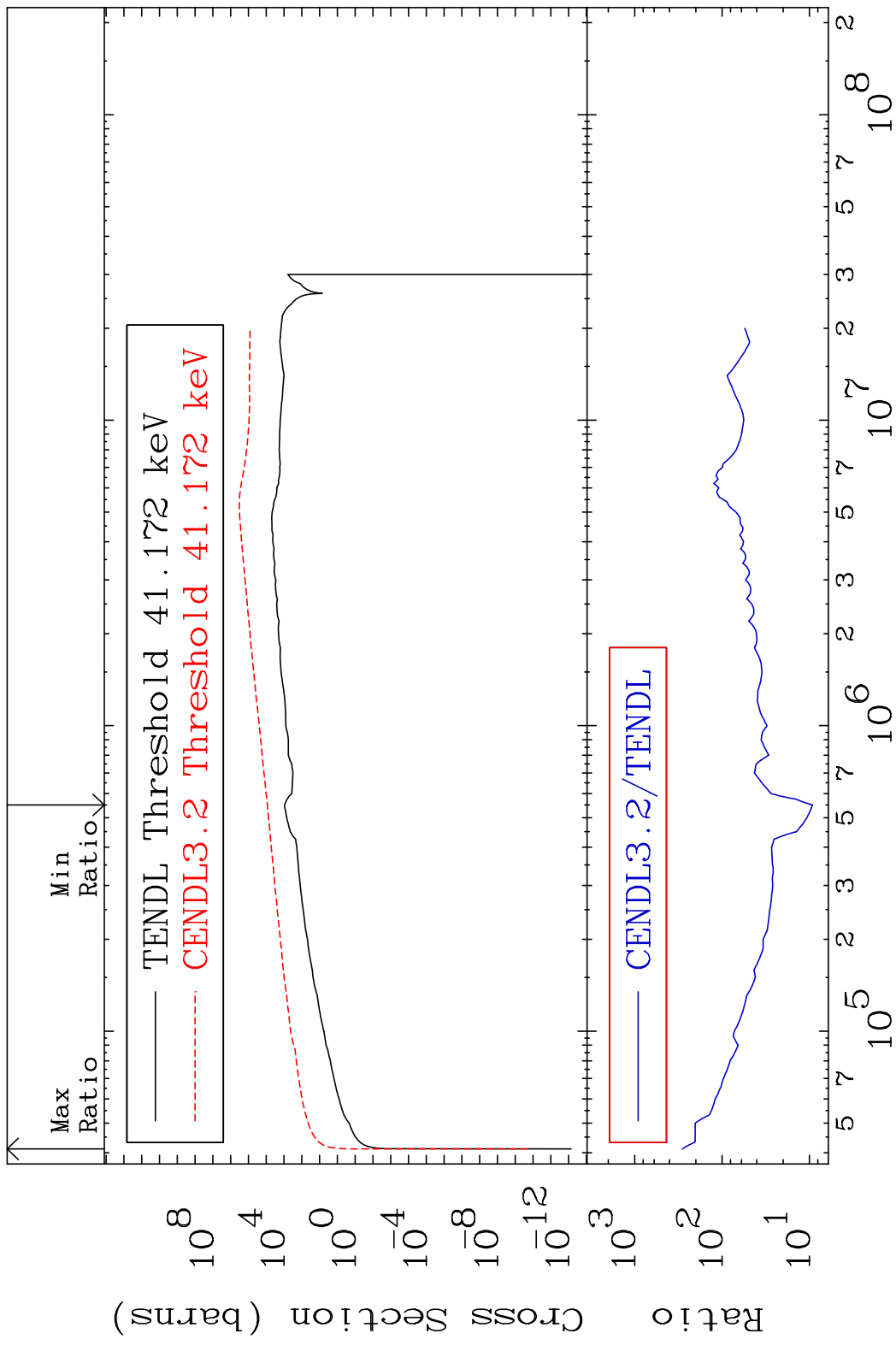
95-Am-240



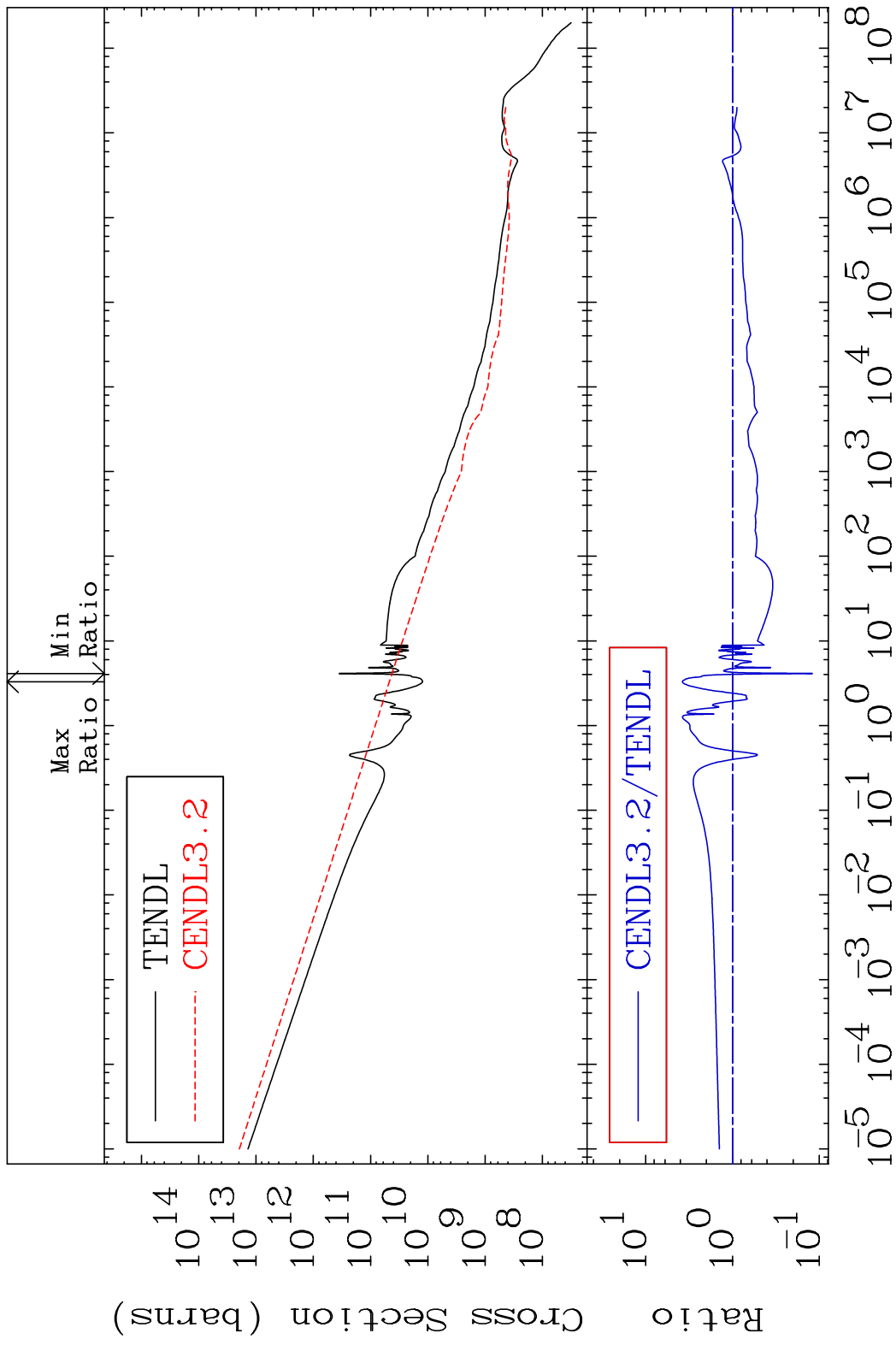
MAT 9540 Kerma non-elastic (all but mt2) 95-Am-240
 Cross Section -87.99 To 280.1 %



MAT 9540 Kerma inelastic (mt51-91) 95-Am-240
 Cross Section 820.0 To 9999. %

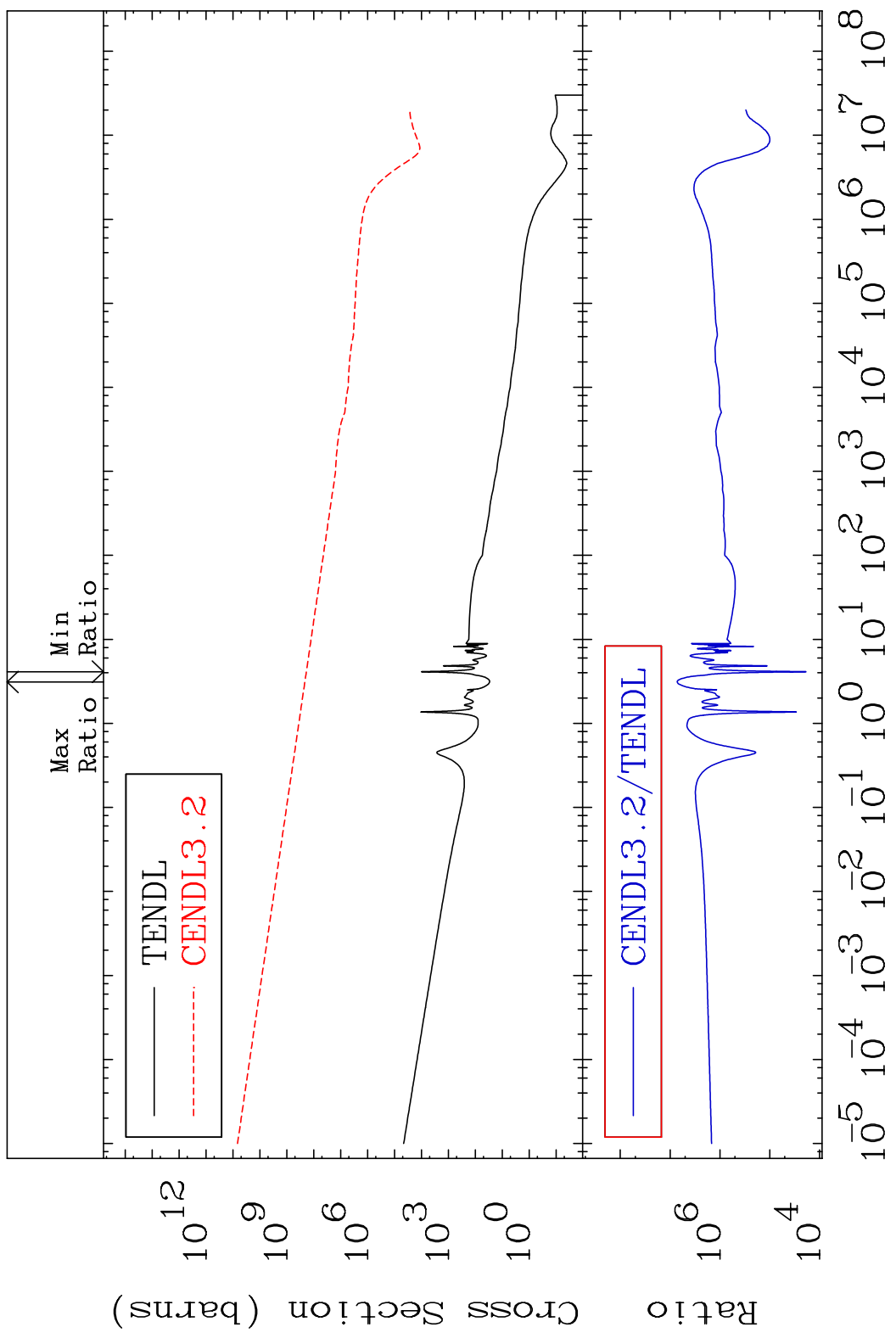


MAT 9540 Kerma fission (mt18 or mt19-20-21-38) 95-Am-240
 Cross Section -88.04 To 278.4 %



MAT 9540

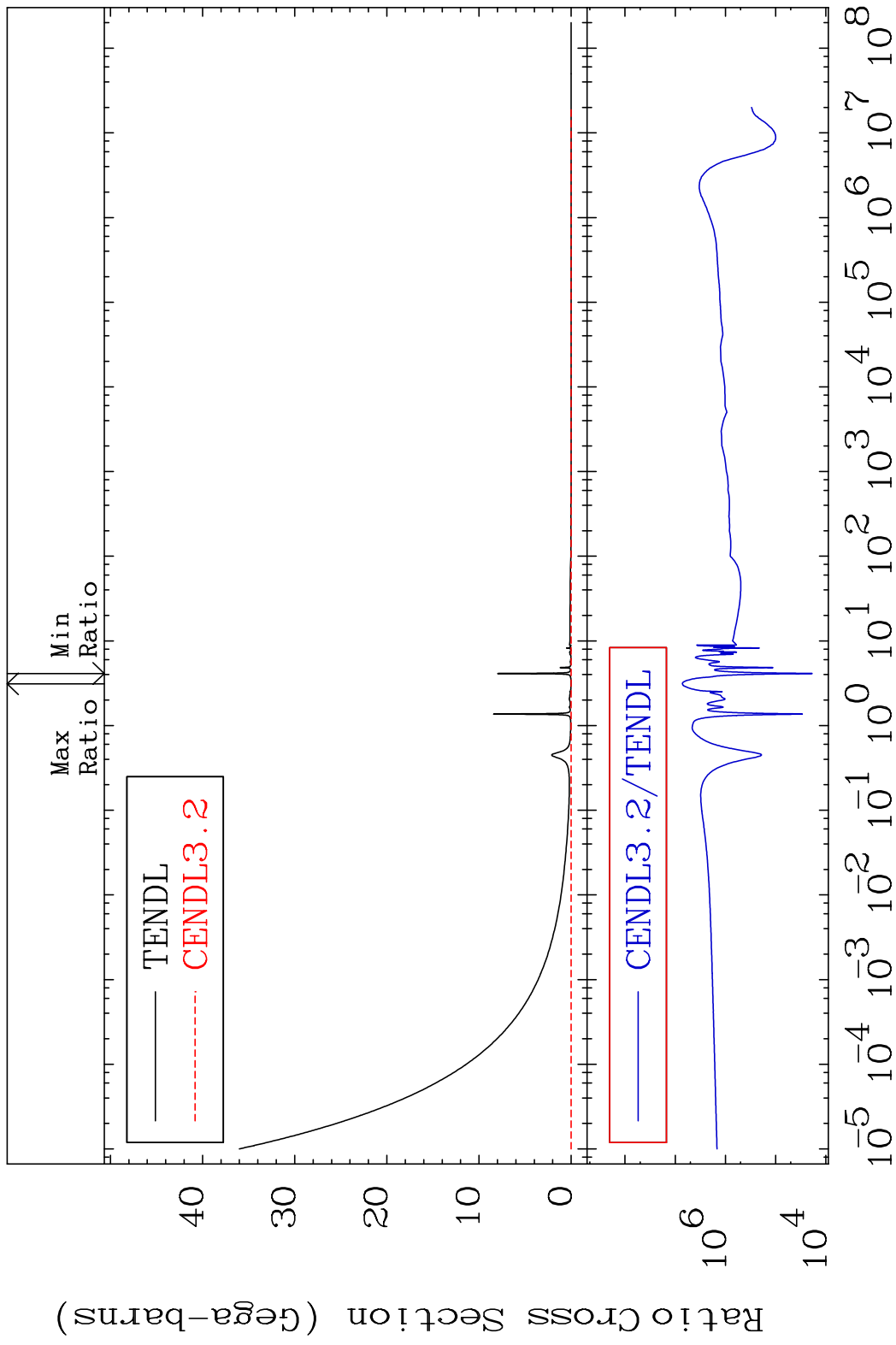
Kerma capture (mt102) 95-Am-240
Cross Section 9999. To 9999. %



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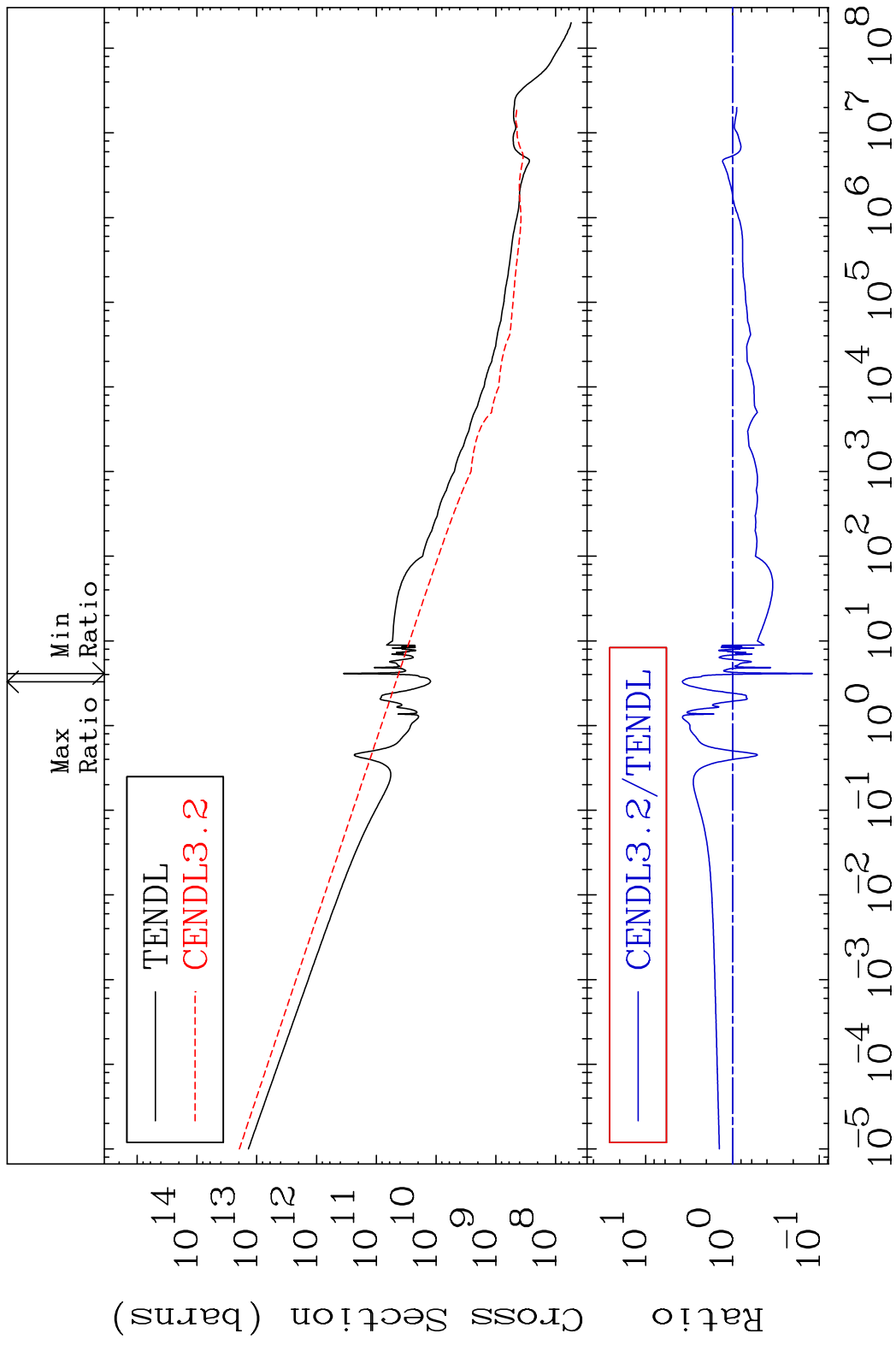
Incident Energy (eV) 95-Am-240

MAT 9540 Total photon (eV-barns) 95-Am-240
Cross Section 9999. To 9999. %

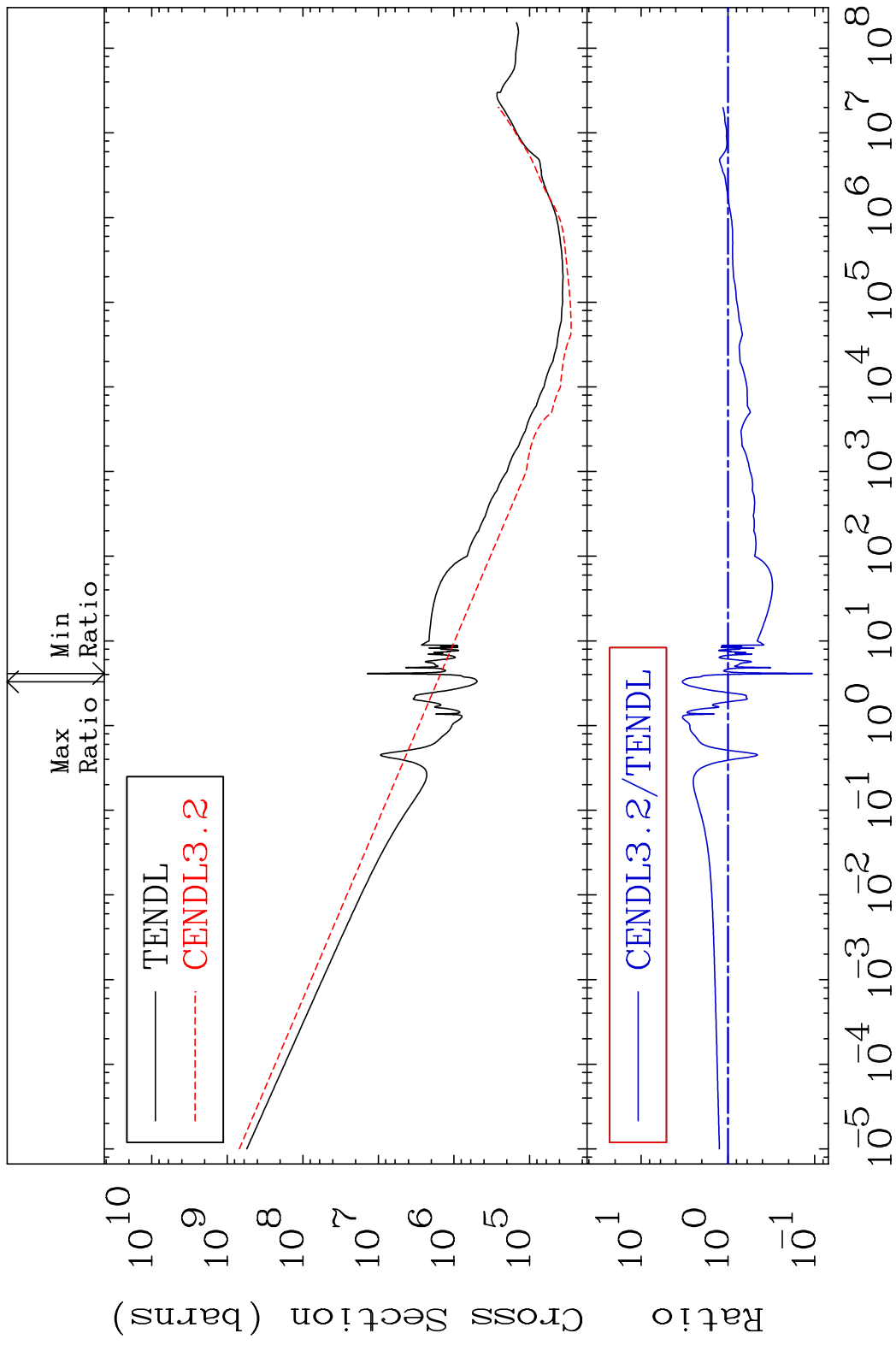


95-Am-240

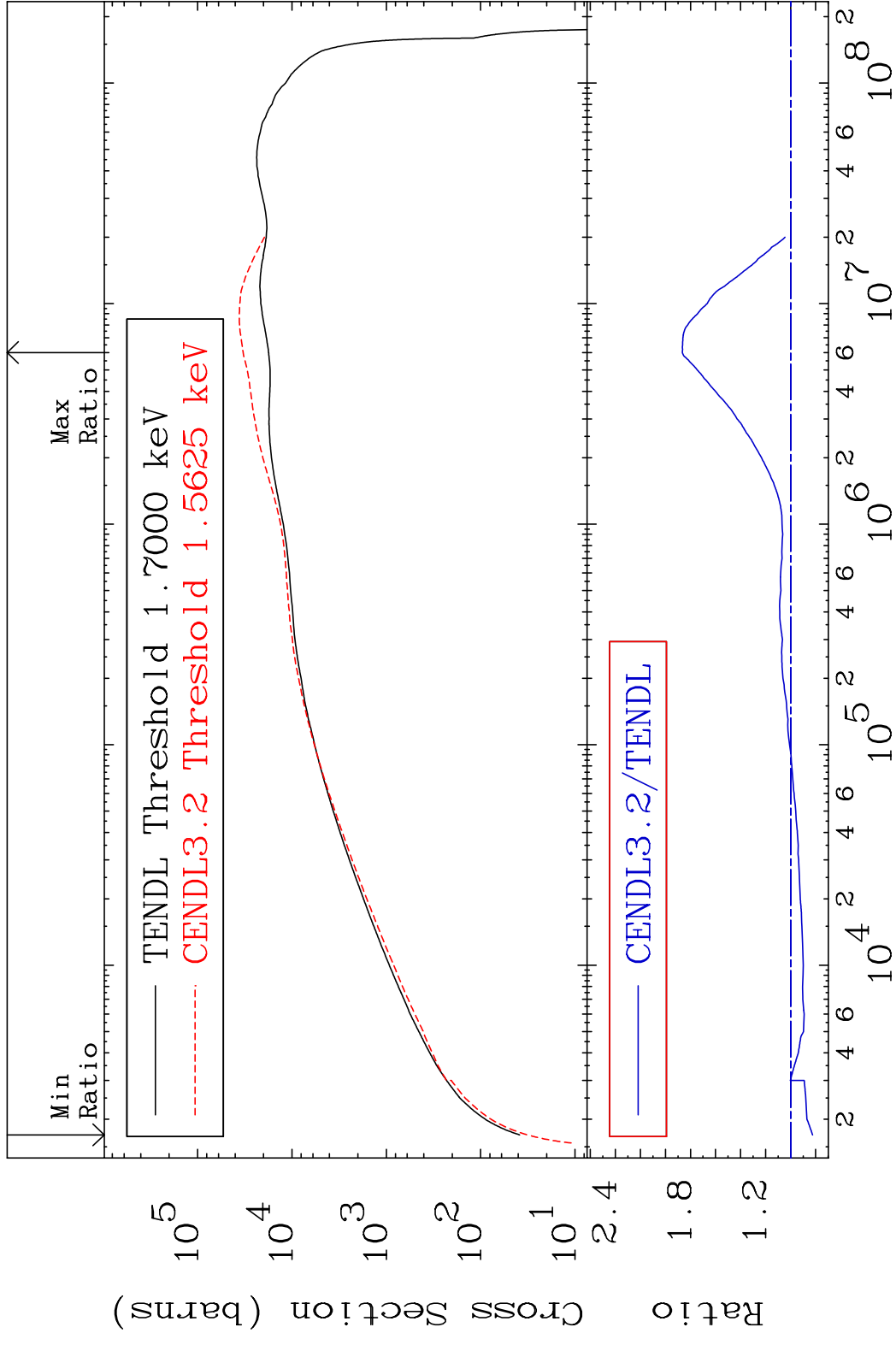
MAT 9540 Total kinematic kerma (high limit) 95-Am-240
 Cross Section -88.04 To 278.4 %



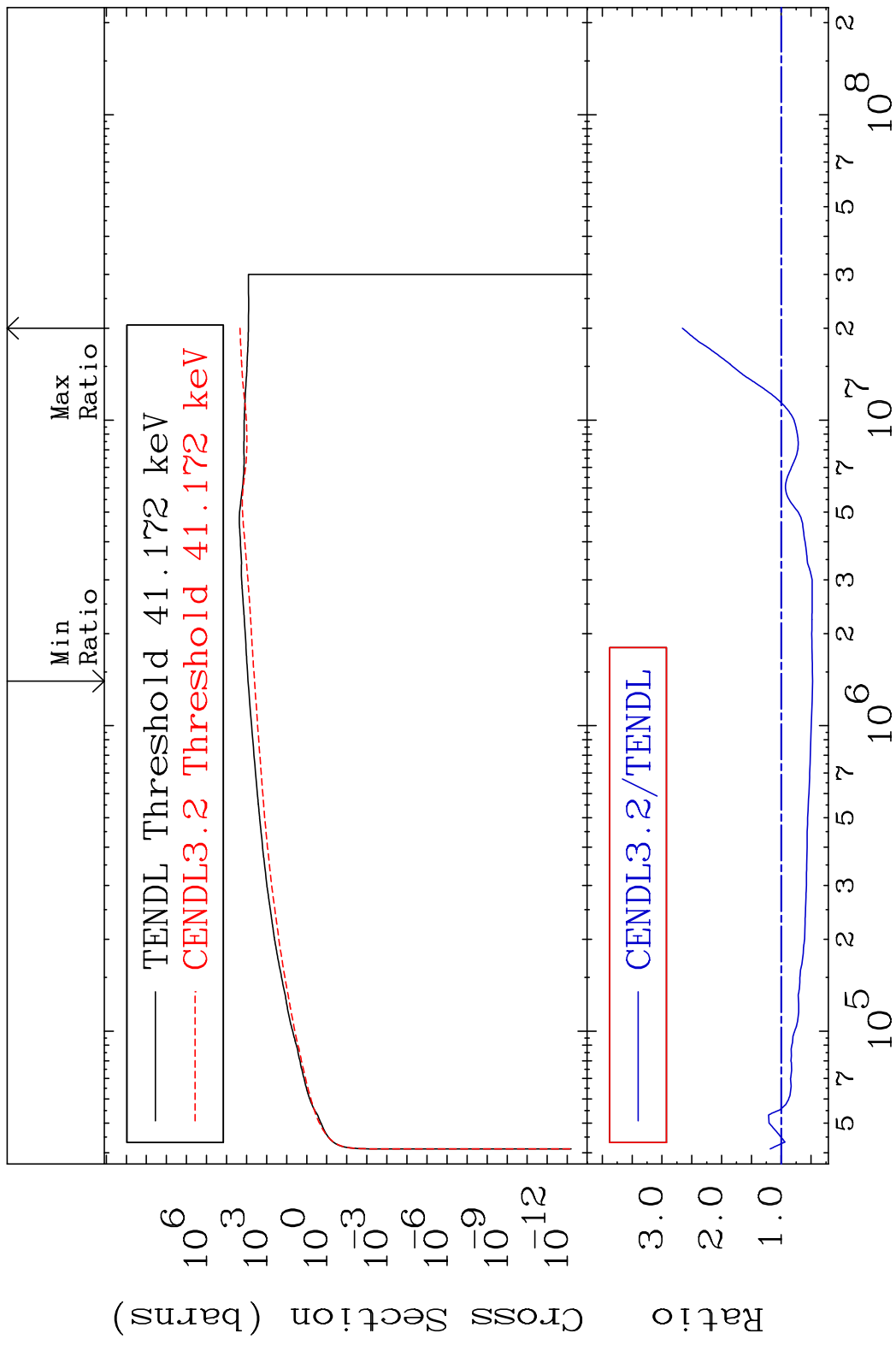
MAT 9540 Dpa total (eV-barns) 95-Am-240
 Cross Section -89.40 To 235.6 %



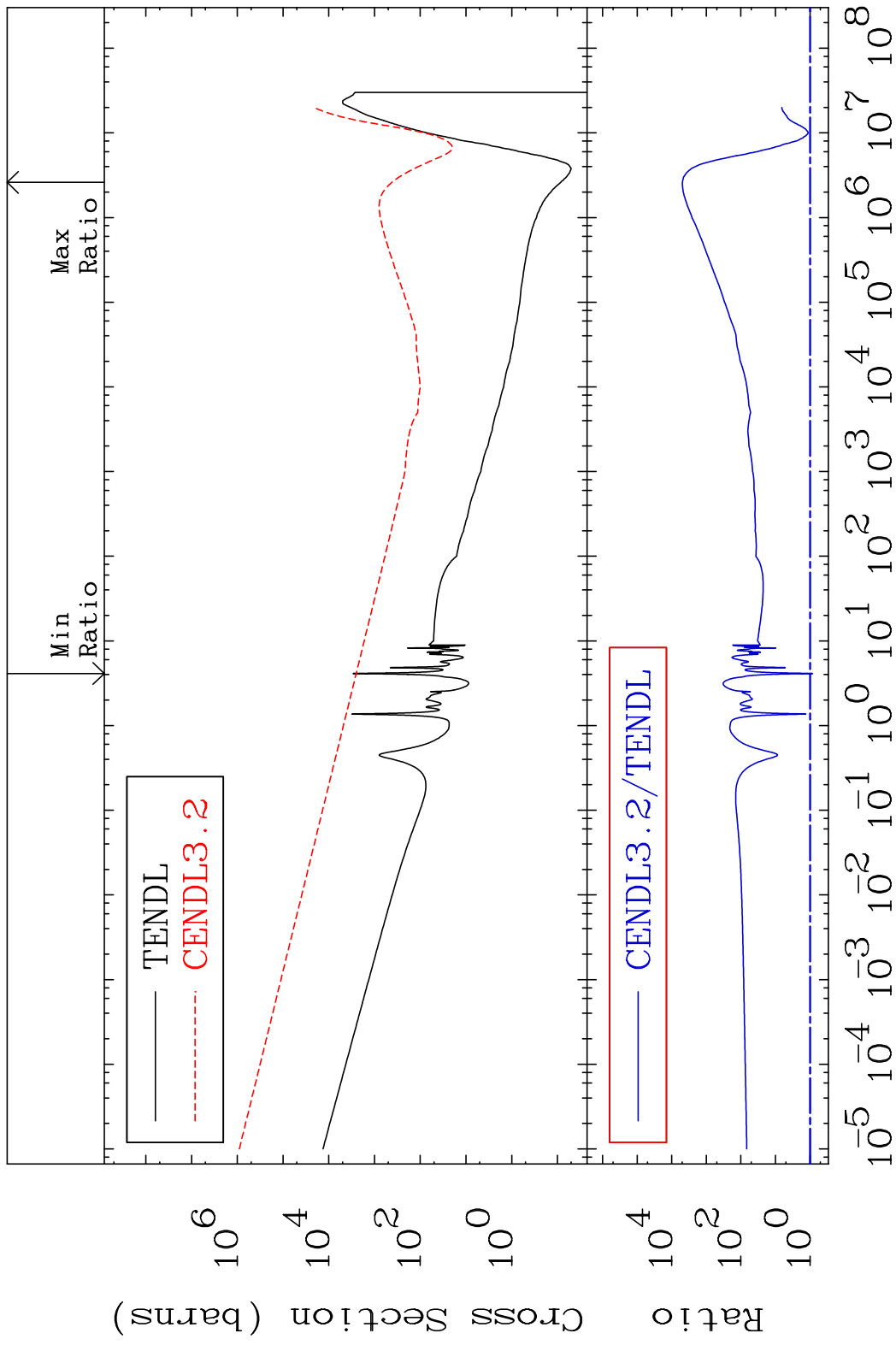
MAT 9540 Dpa elastic (mt2) 95-Am-240
 Cross Section -17.50 To 86.50 %



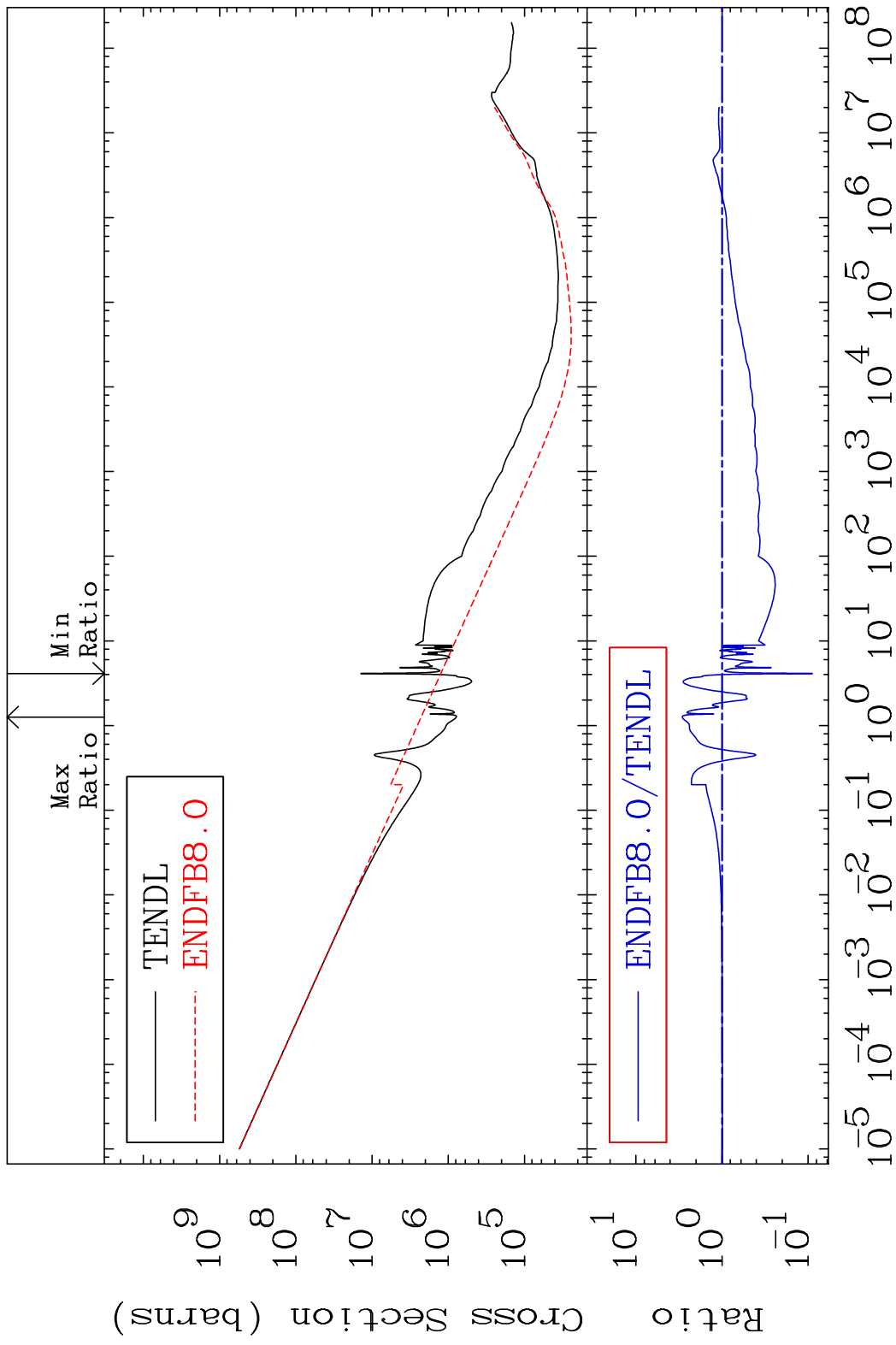
MAT 9540 Dpa inelastic (mt51-91) 95-Am-240
 Cross Section -52.50 To 165.8 %



MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240
 Cross Section -15.64 To 9999. %



MAT 9540 Dpa total (eV-barns) 95-Am-240
 Cross Section -91.12 To 188.8 %

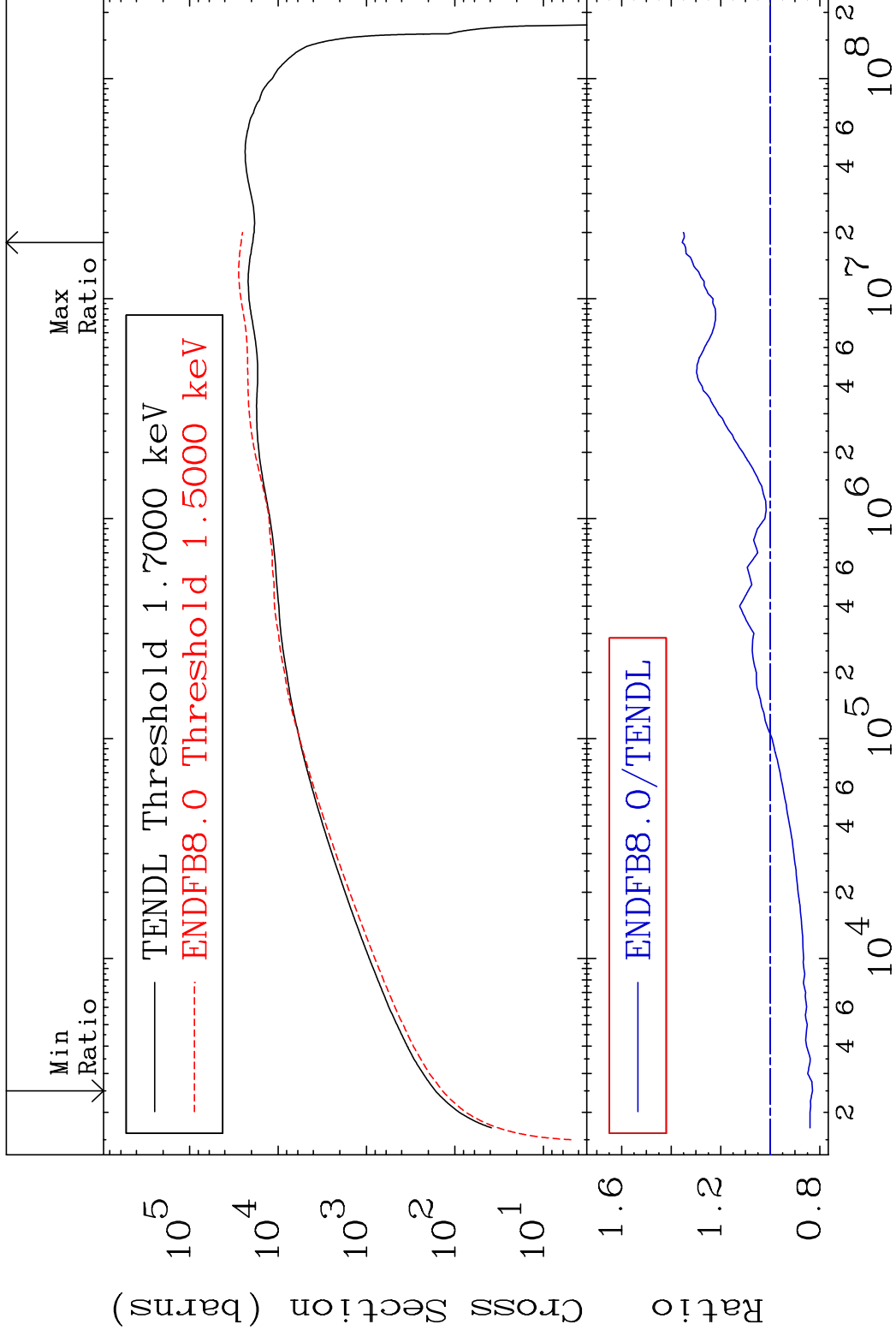


MAT 9540

Dpa elastic (mt2)

95-Am-240

Cross Section -17.03 To 35.57 %

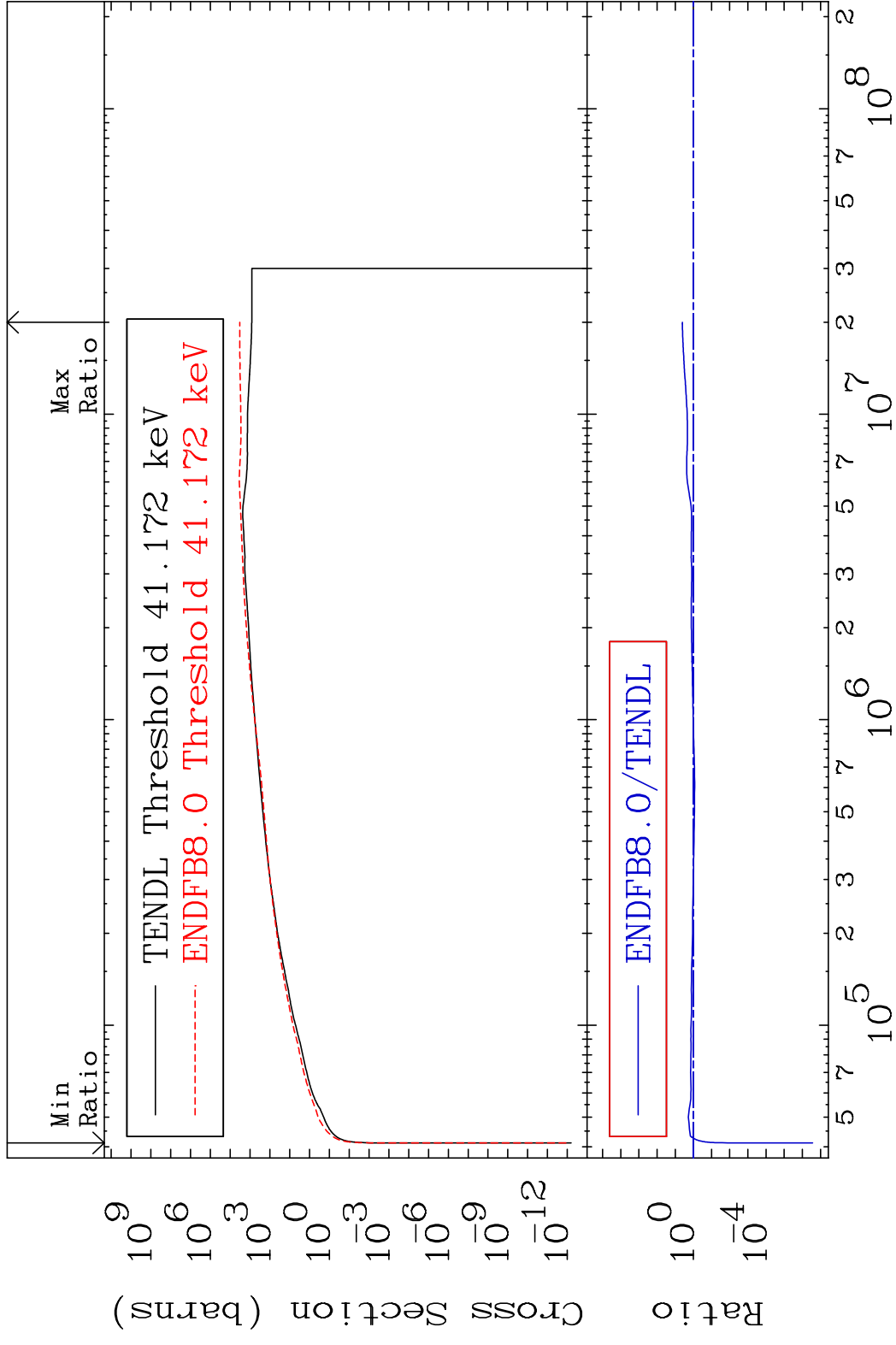


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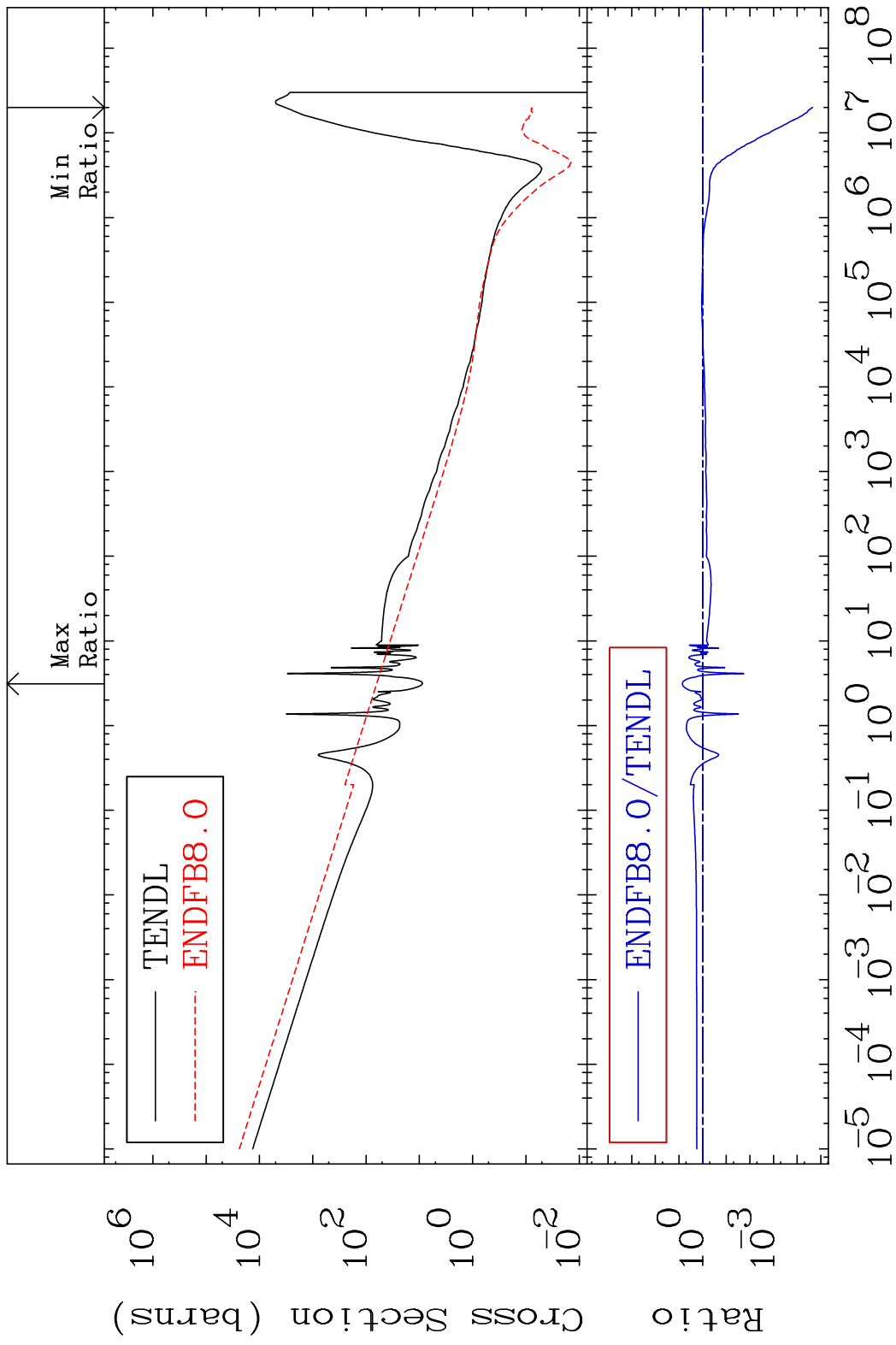
Incident Energy (eV)

95-Am-240

MAT 9540 Dpa inelastic (mt51-91) 95-Am-240
 Cross Section -100.0 To 304.1 %



MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240
 Cross Section -100.0 To 619.7 %



39 Incident Energy (eV) 95-Am-240