

Program Complot
(Version 2021-1)

by

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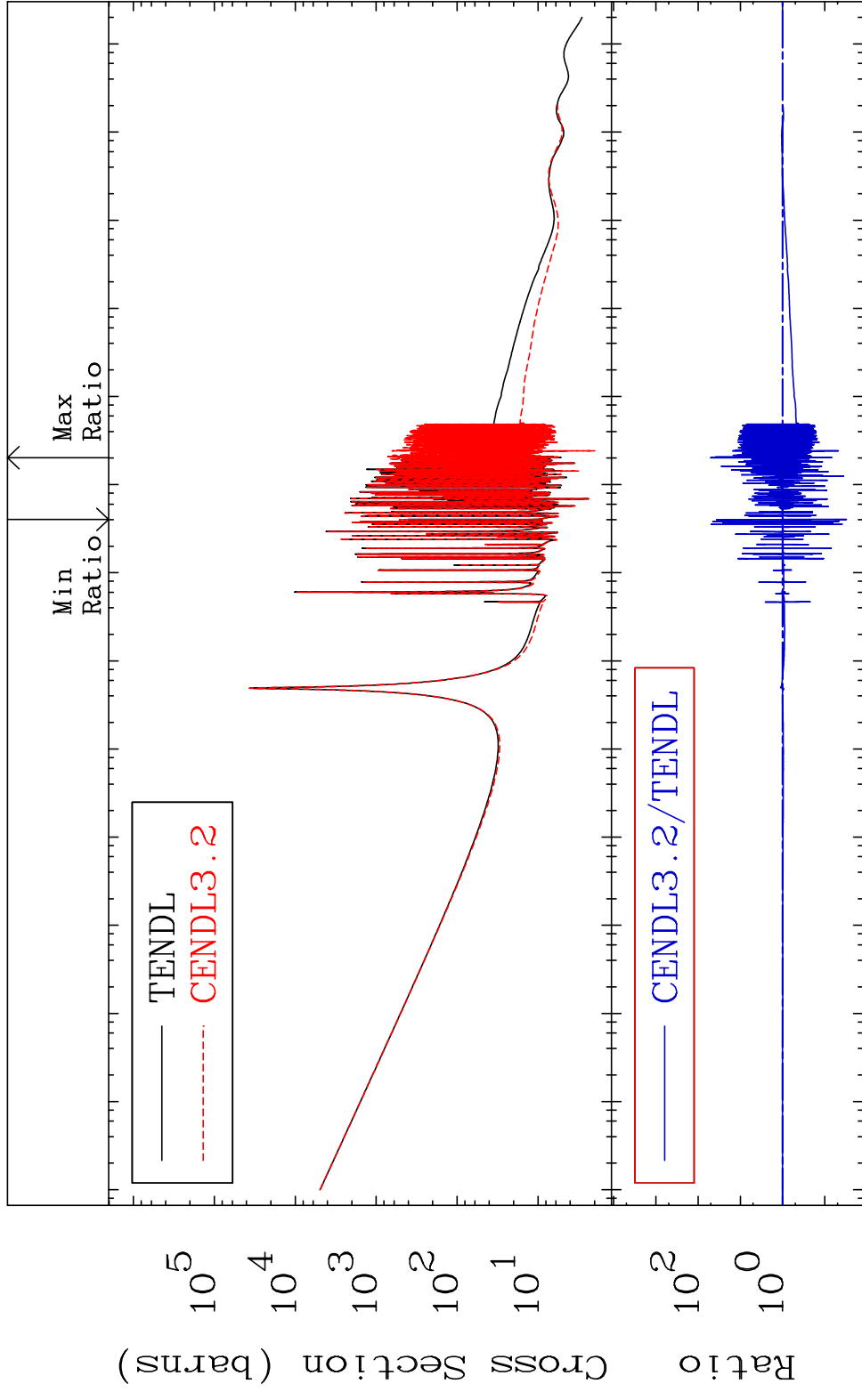
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7925

Total Cross Section -96.91 To 4928. %

79-Au-197



1

Incident Energy (eV)

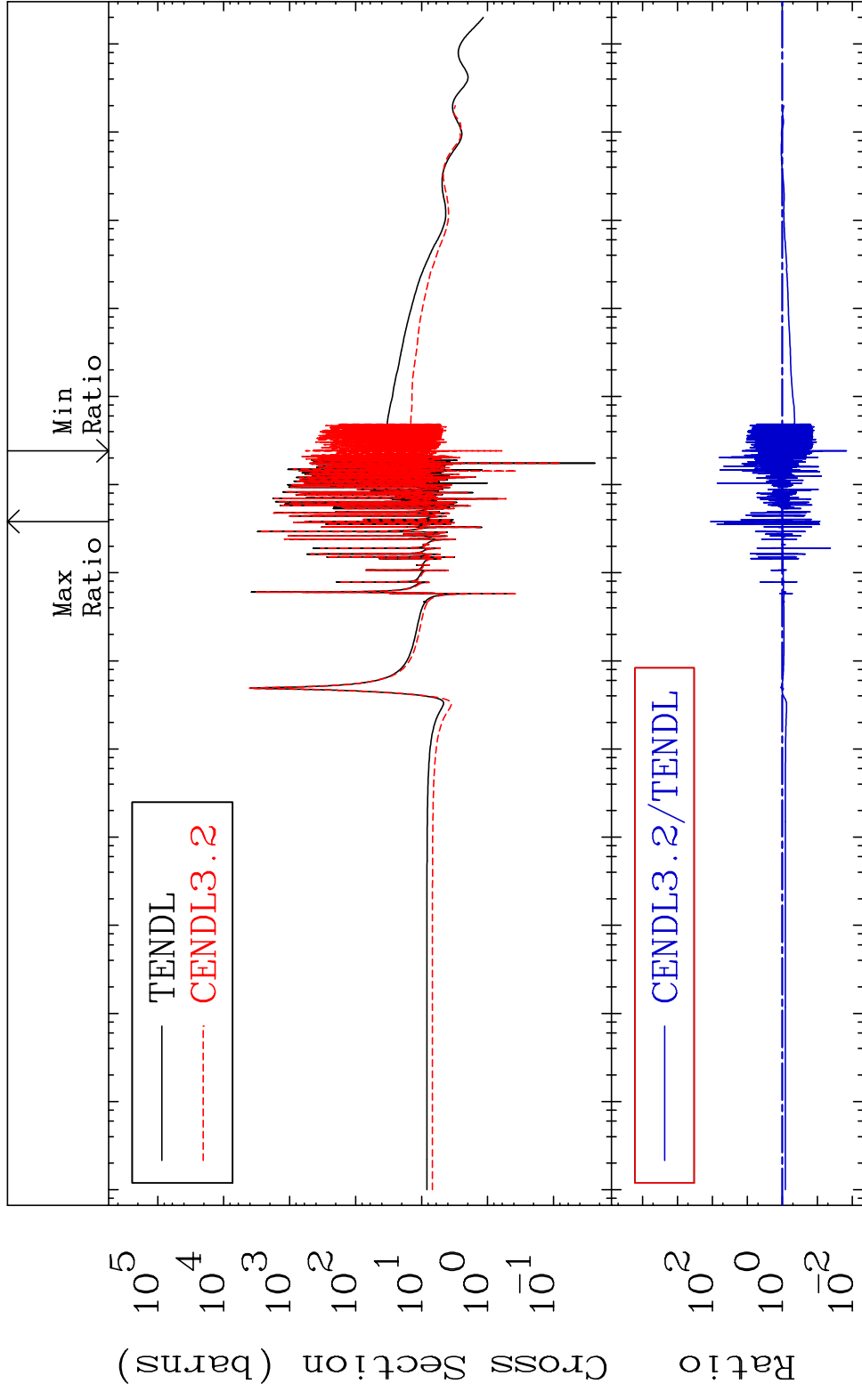
79-Au-197

MAT 7925

79-Au-197

Elastic

Cross Section -98.52 To 9999. %

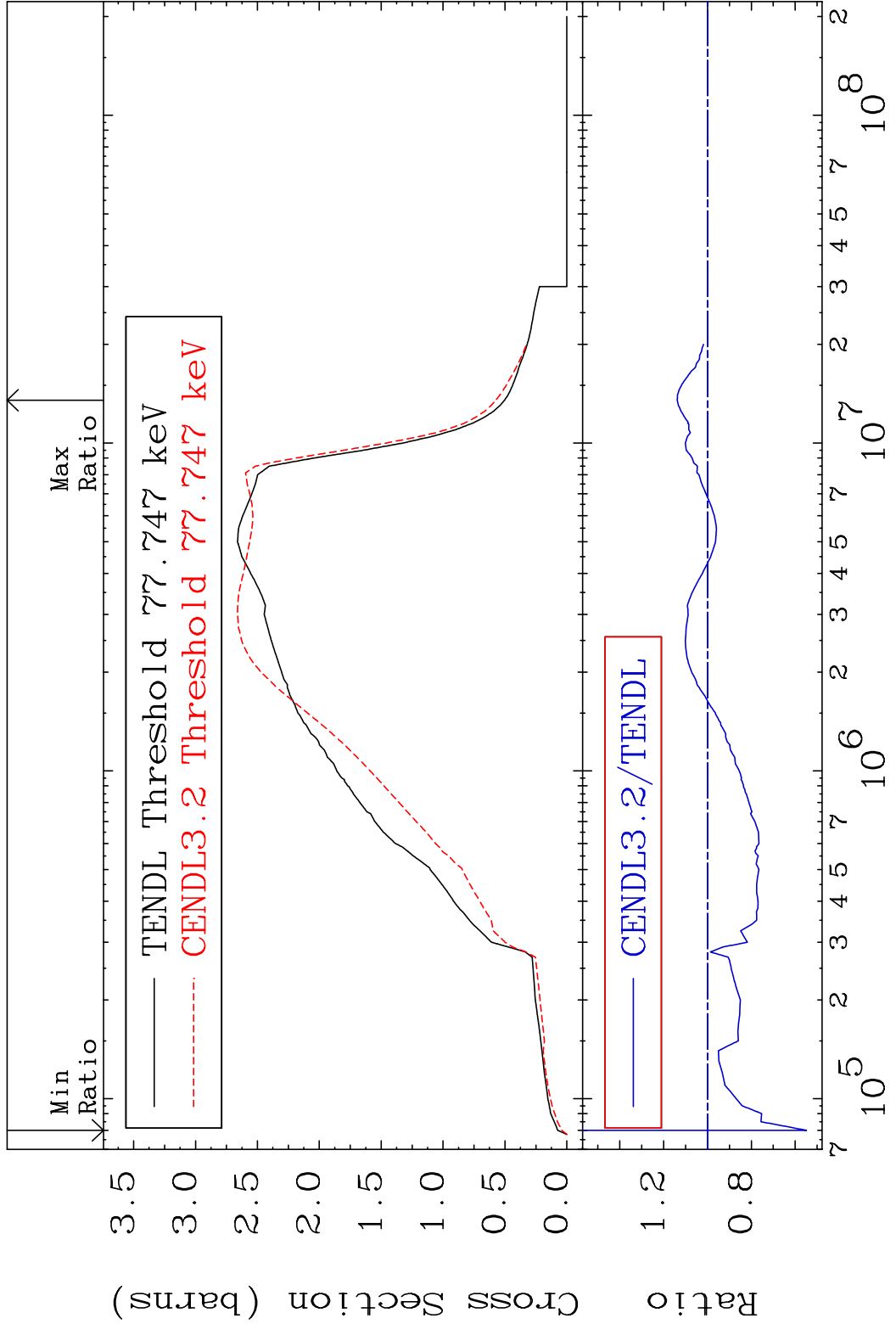


2

Incident Energy (eV)

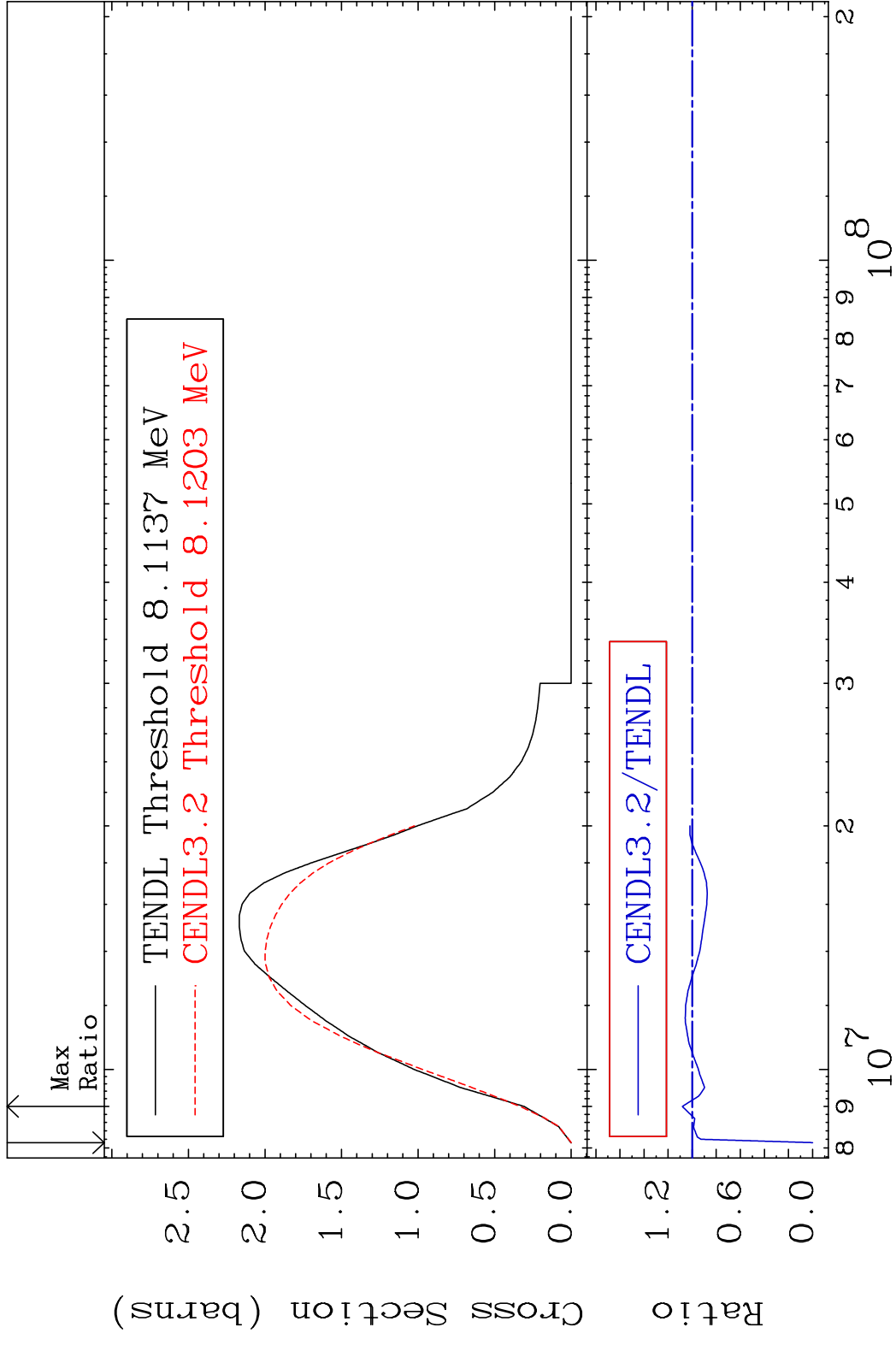
79-Au-197

MAT 7925 Inelastic Cross Section -45.10 To 13.82 % 79-Au-197



3 79-Au-197

MAT 7925 (n,2n) 79-Au-197
 Cross Section -100.0 To 8.151 %



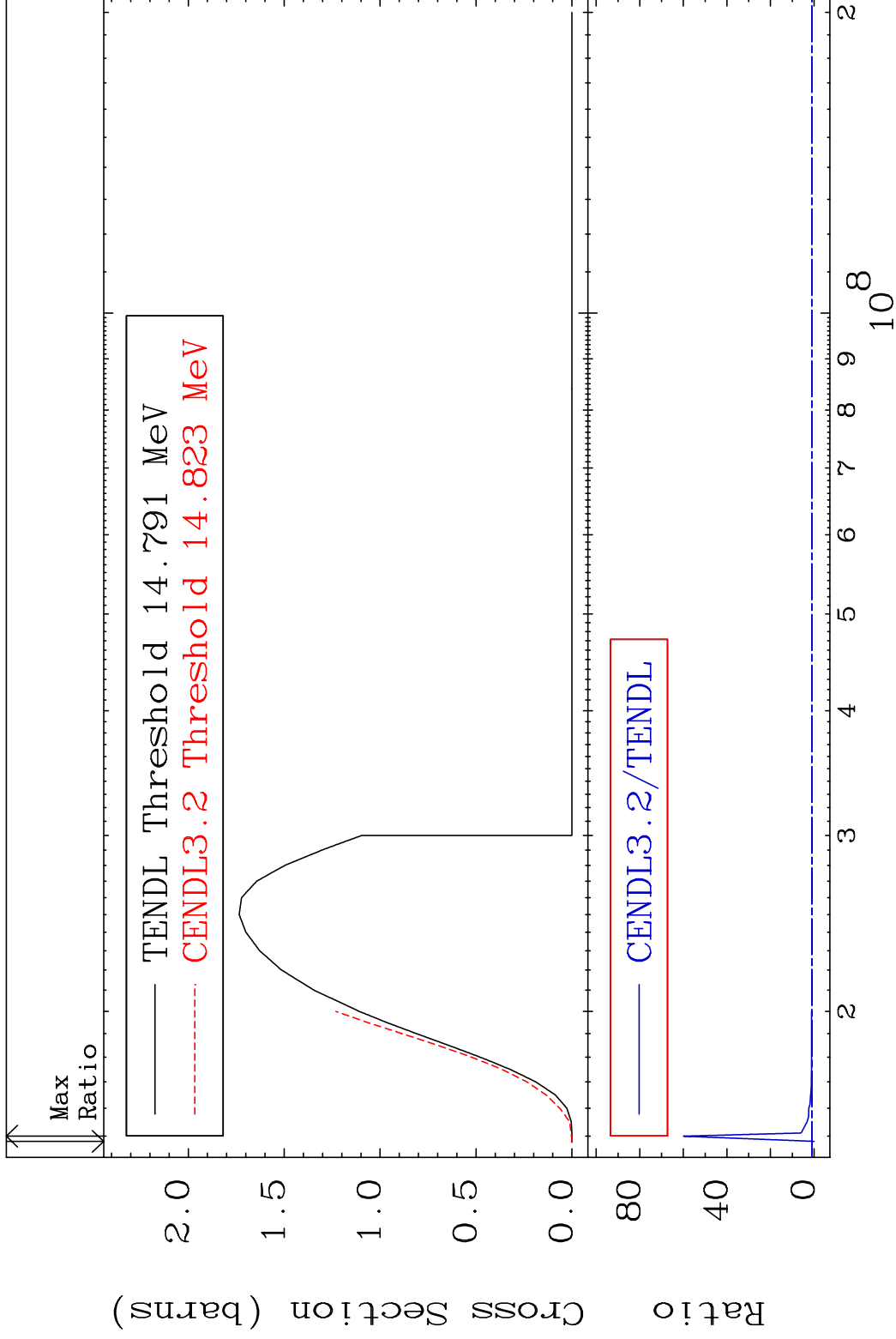
4 Incident Energy (eV) 79-Au-197

MAT 7925

(n,3n)

79-Au-197

Cross Section -100.0 To 5895. %



5

Incident Energy (eV)

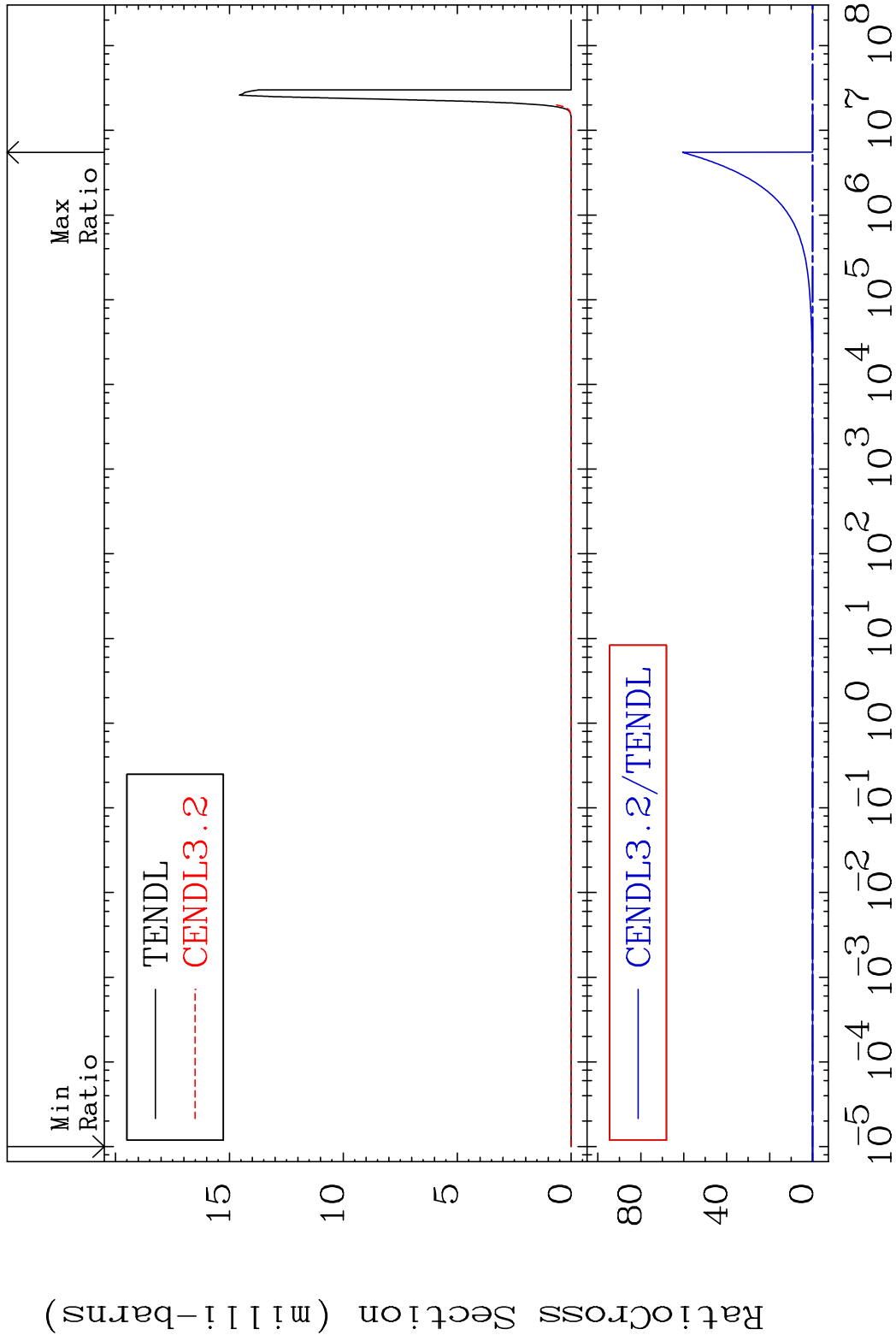
79-Au-197

MAT 7925

(n, n') α

79-Au-197

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

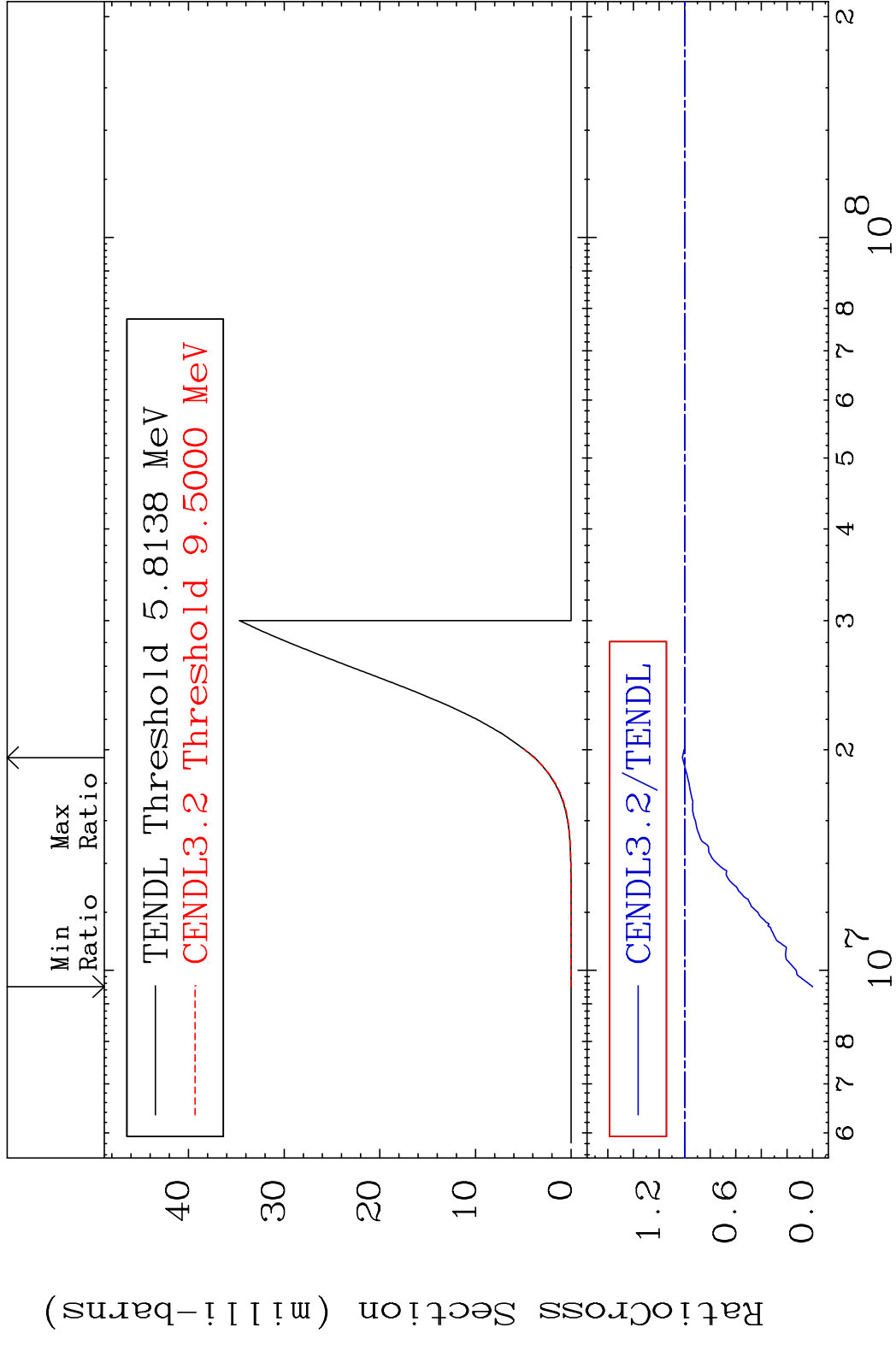
79-Au-197

MAT 7925

79-Au-197

(n, n') p

Cross Section -100.0 To 1.785 %



7

Incident Energy (eV)

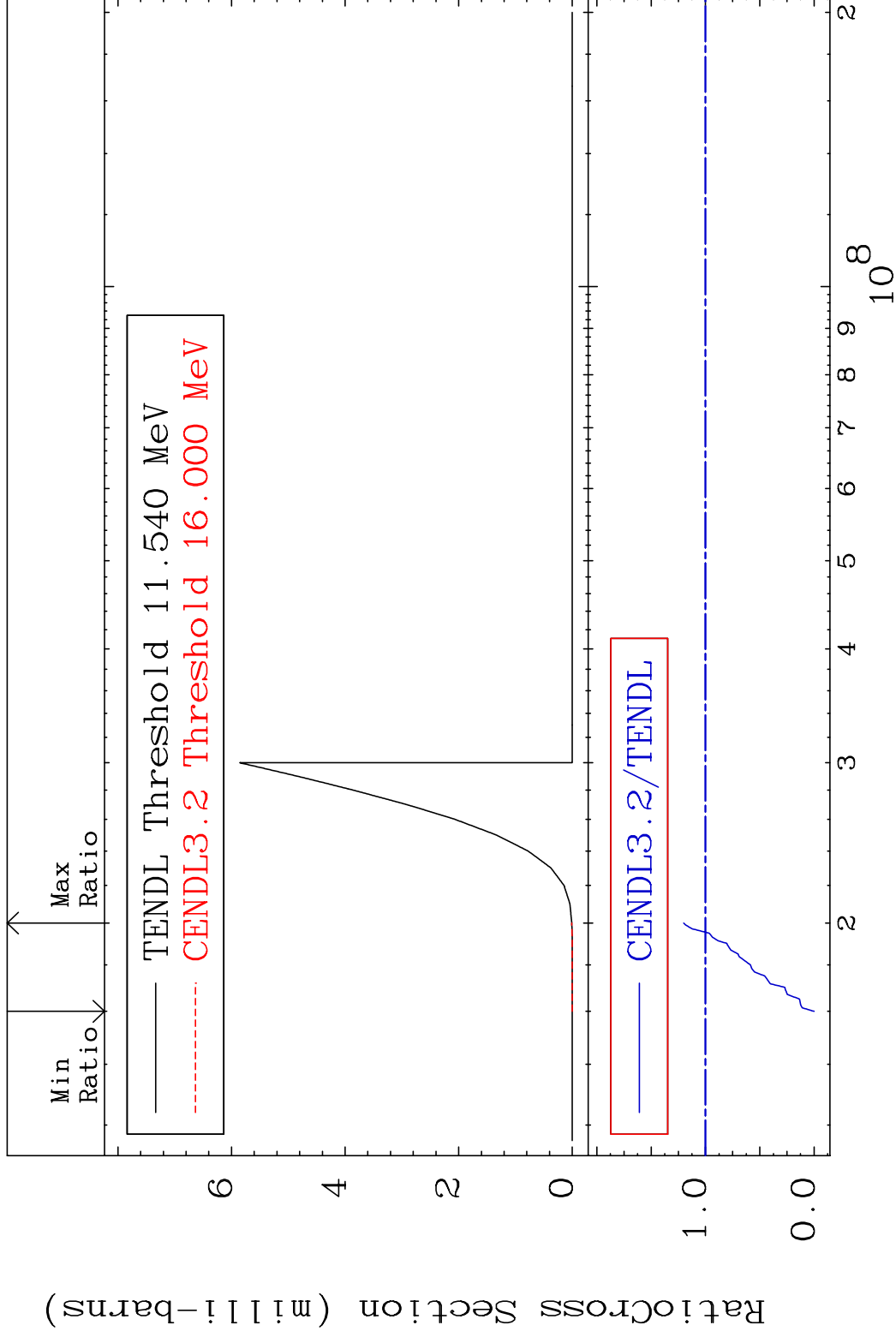
79-Au-197

MAT 7925

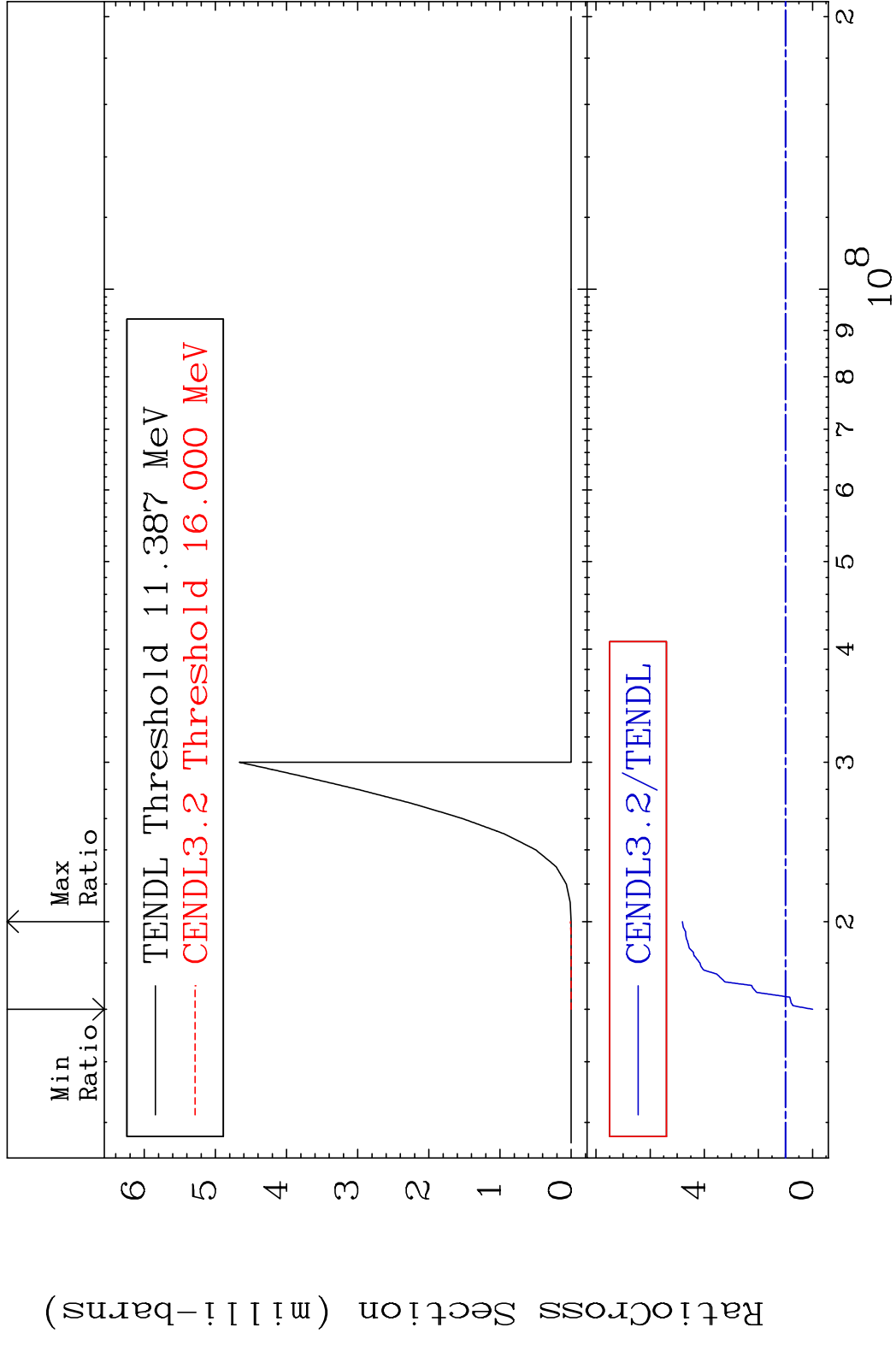
(n, n') d

79-Au-197

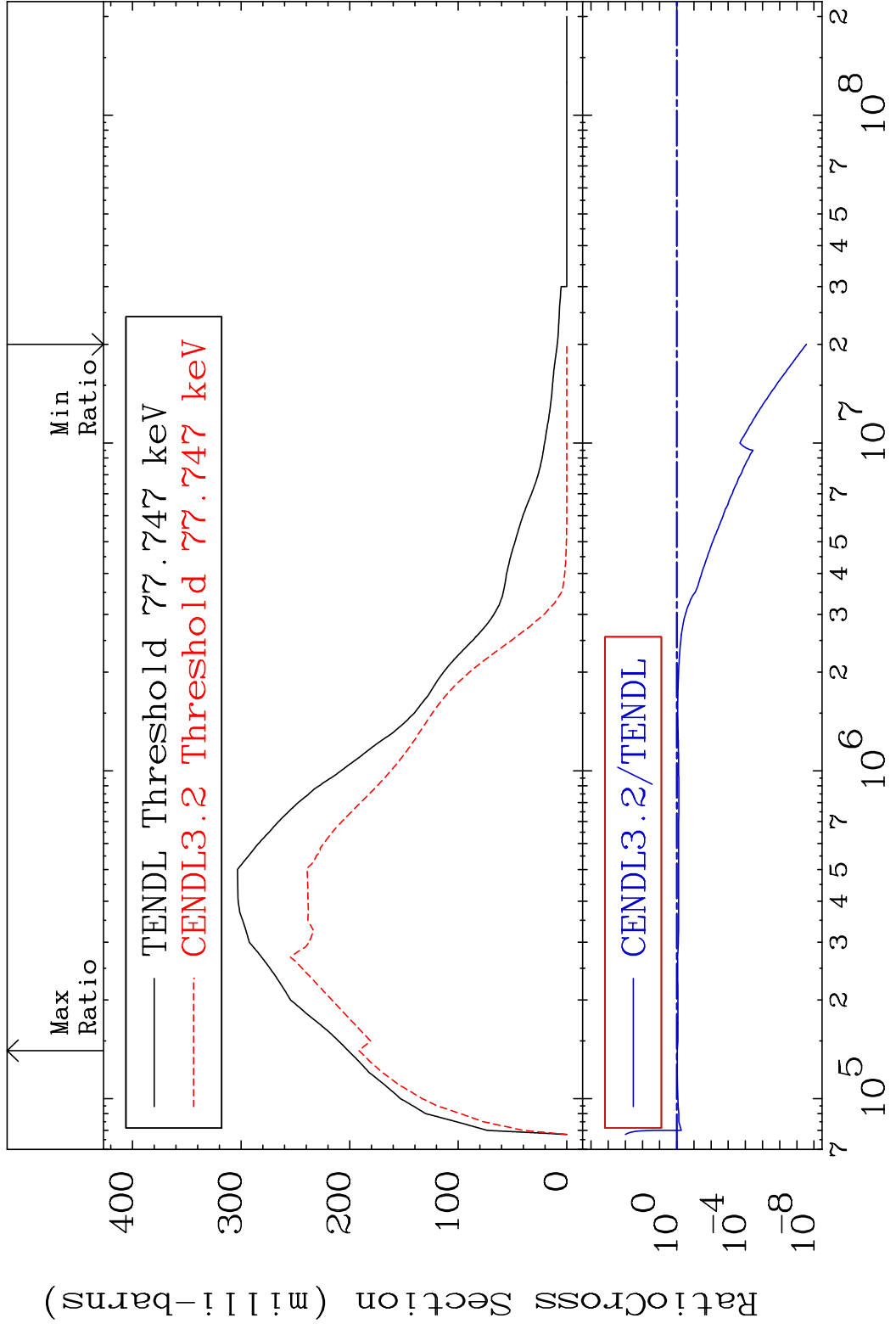
Cross Section -100.0 To 20.10 %



MAT 7925 (n, n') t 79-Au-197
 Cross Section -100.0 To 381.1 %

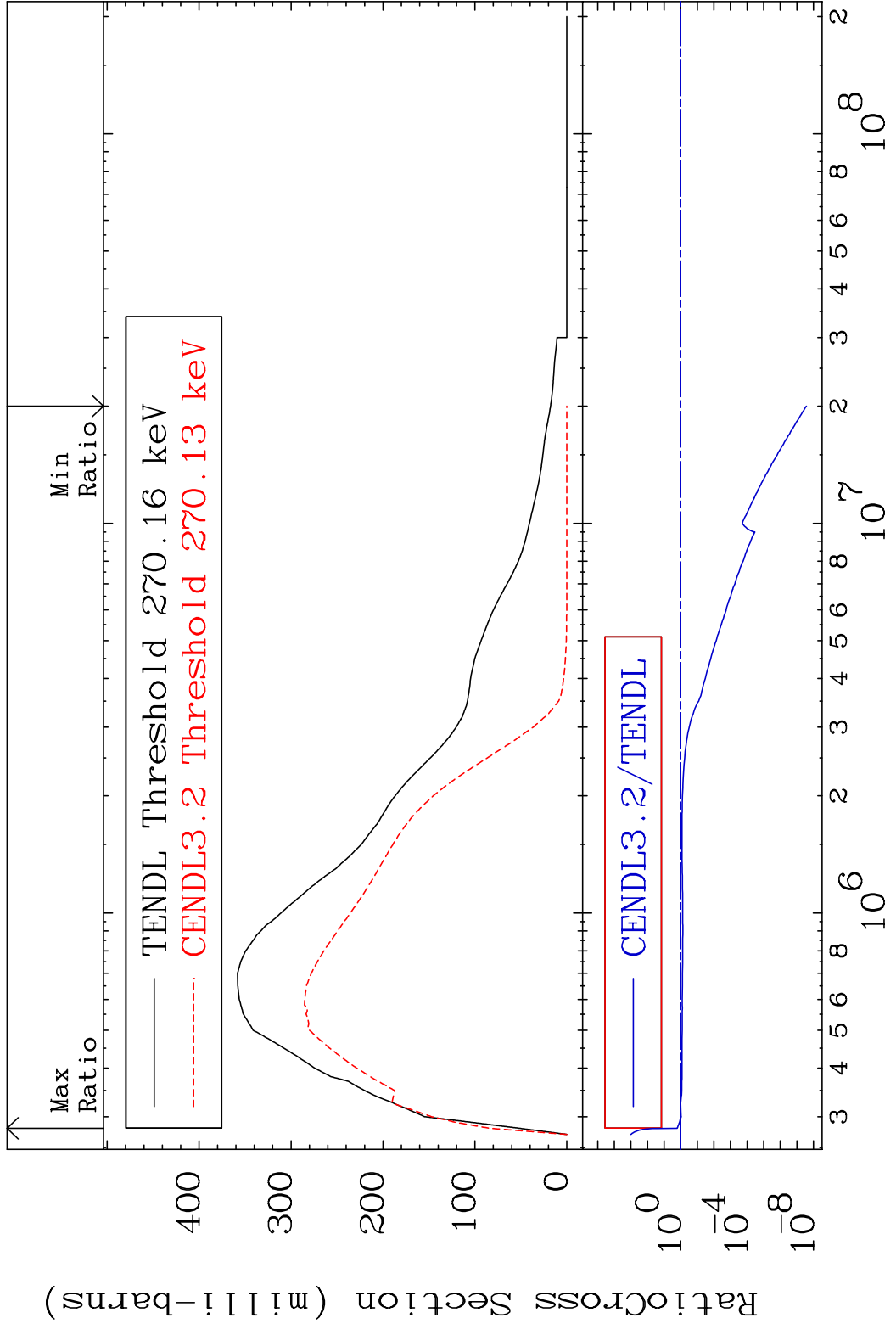


MAT 7925 MT= 51 (n, n') Level 79-Au-197
 Cross Section -100.0 To -5.015%

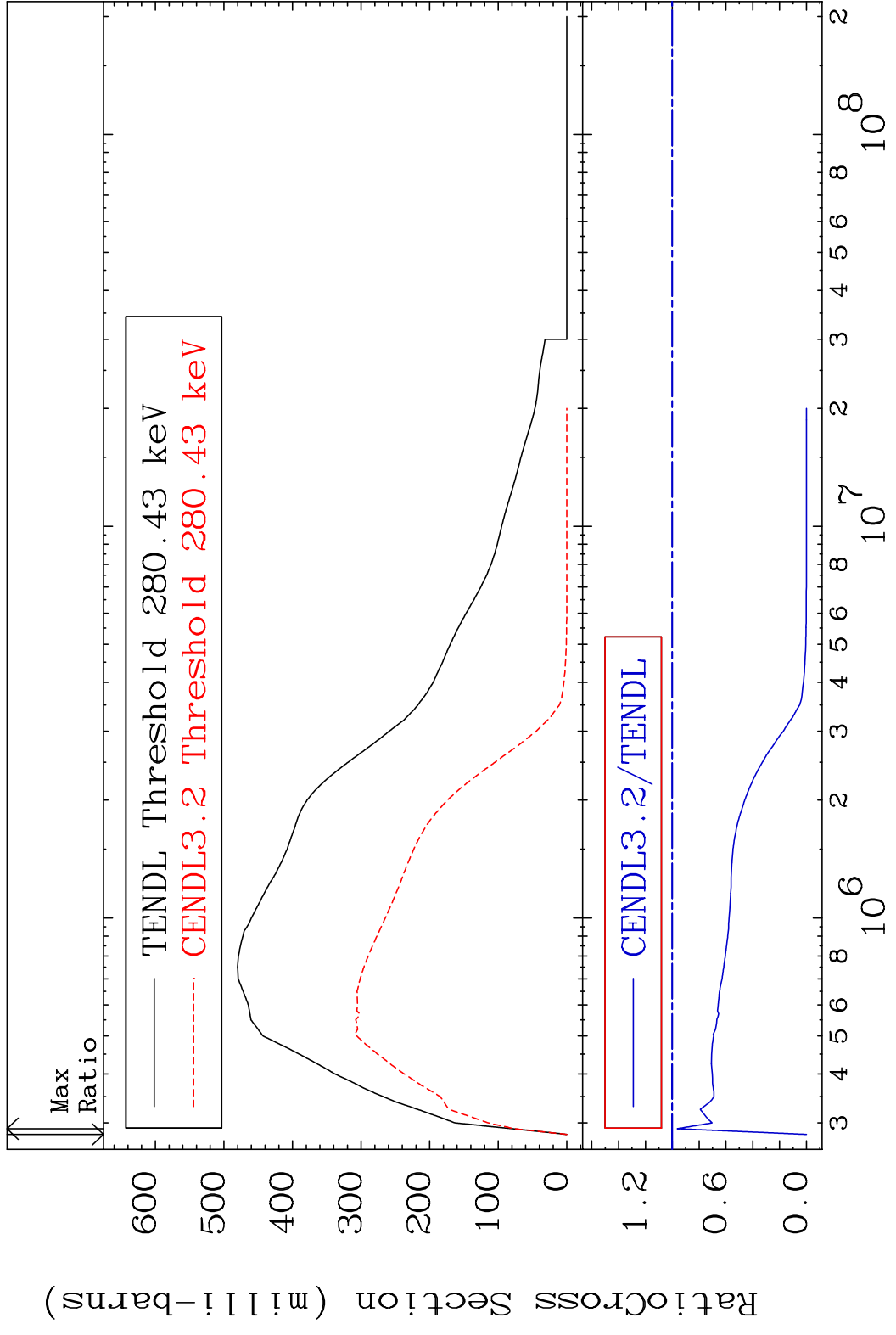


10 10 7 2 3 4 5 6 7 8 2 79-Au-197

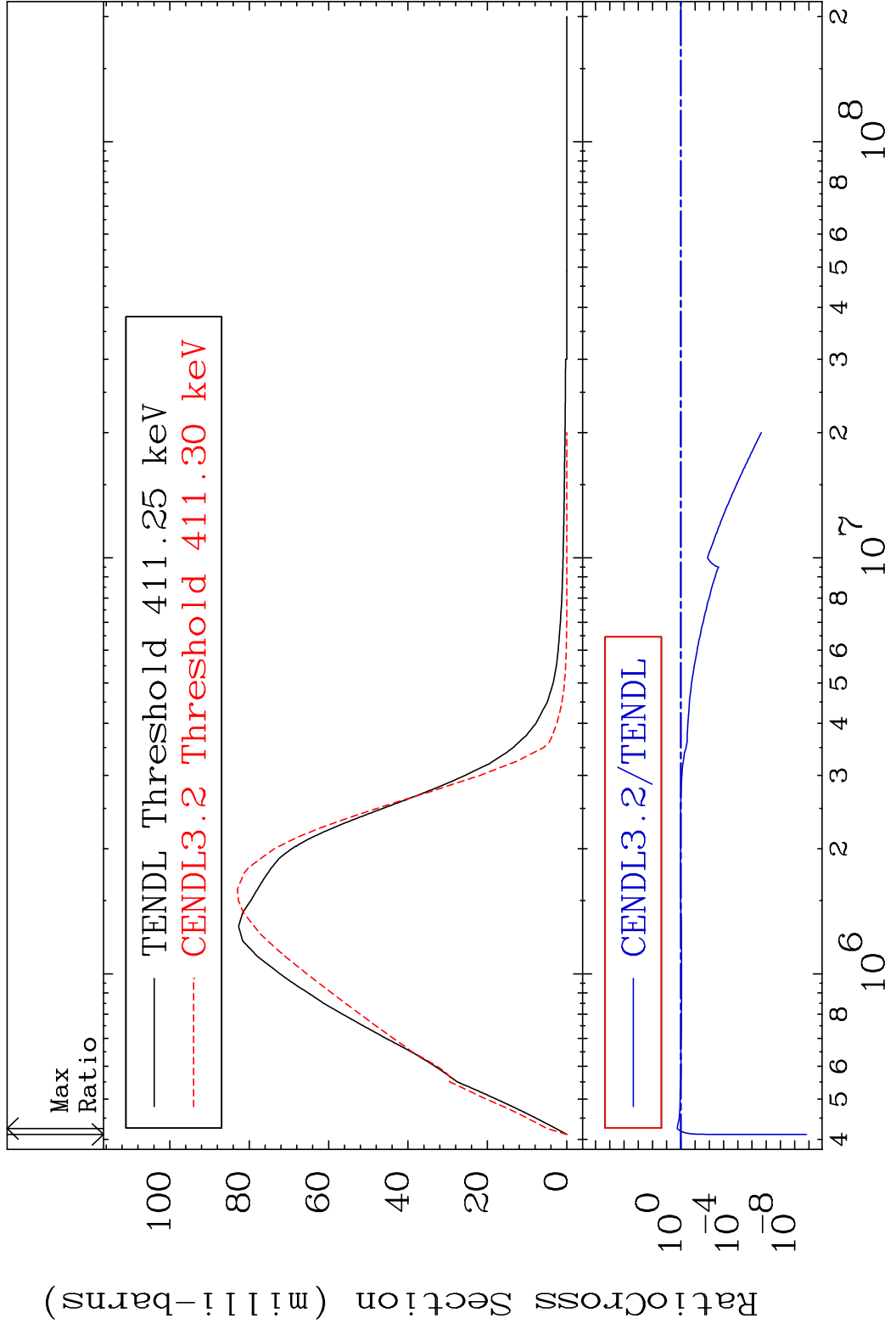
MAT 7925 MT= 52 (n,n') Level 79-Au-197
 Cross Section -100.0 To 62.68 %



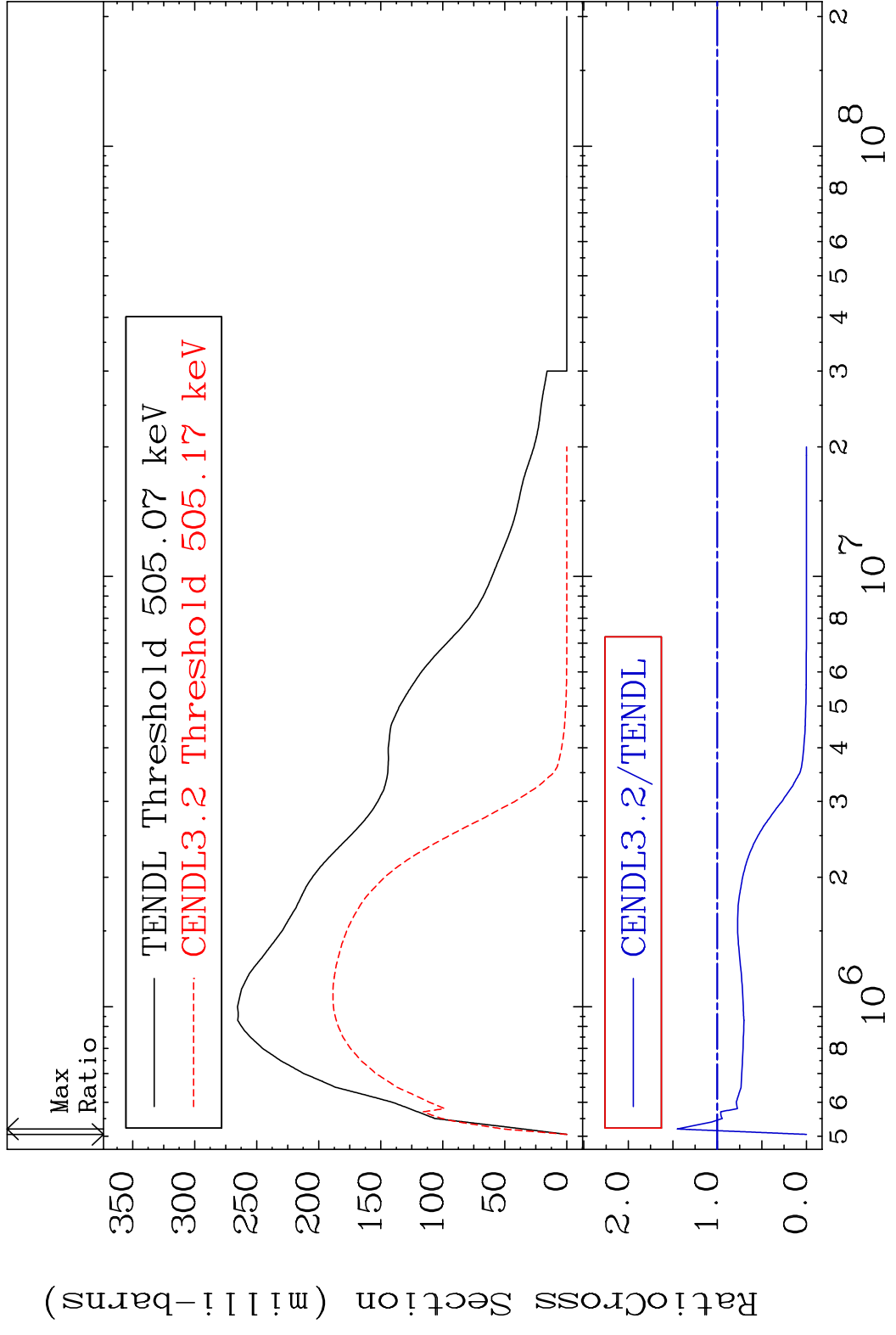
MAT 7925 MT= 53 (n,n') Level 79-Au-197
 Cross Section -100.0 To -3.677%



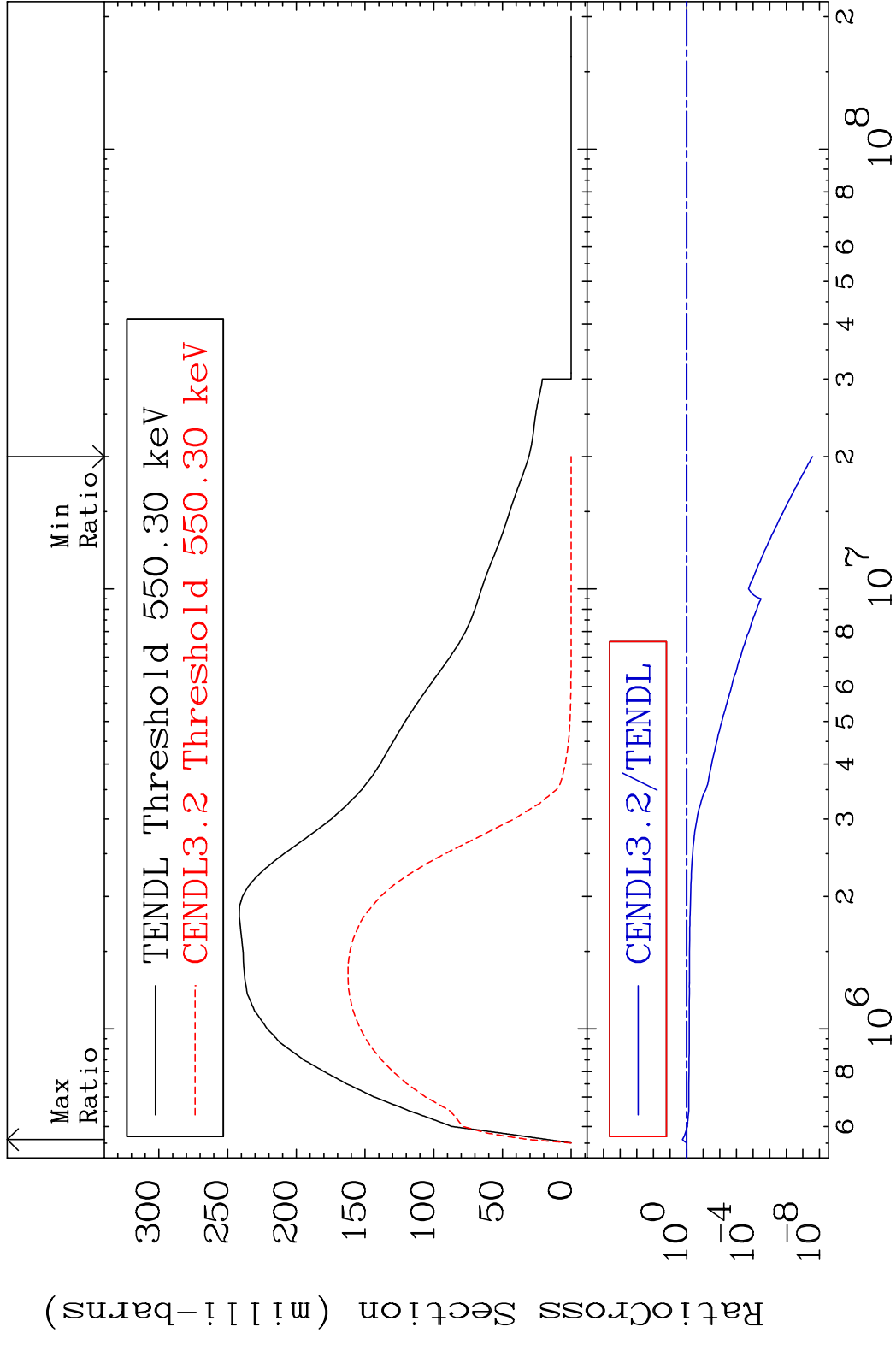
MAT 7925 MT= 54 (n,n') Level 79-Au-197
 Cross Section -100.0 To 82.10 %



MAT 7925 MT= 55 (n,n') Level 79-Au-197
 Cross Section -100.0 To 45.14 %



MAT 7925 MT= 56 (n, n') Level 79-Au-197
 Cross Section -100.0 To 80.66 %

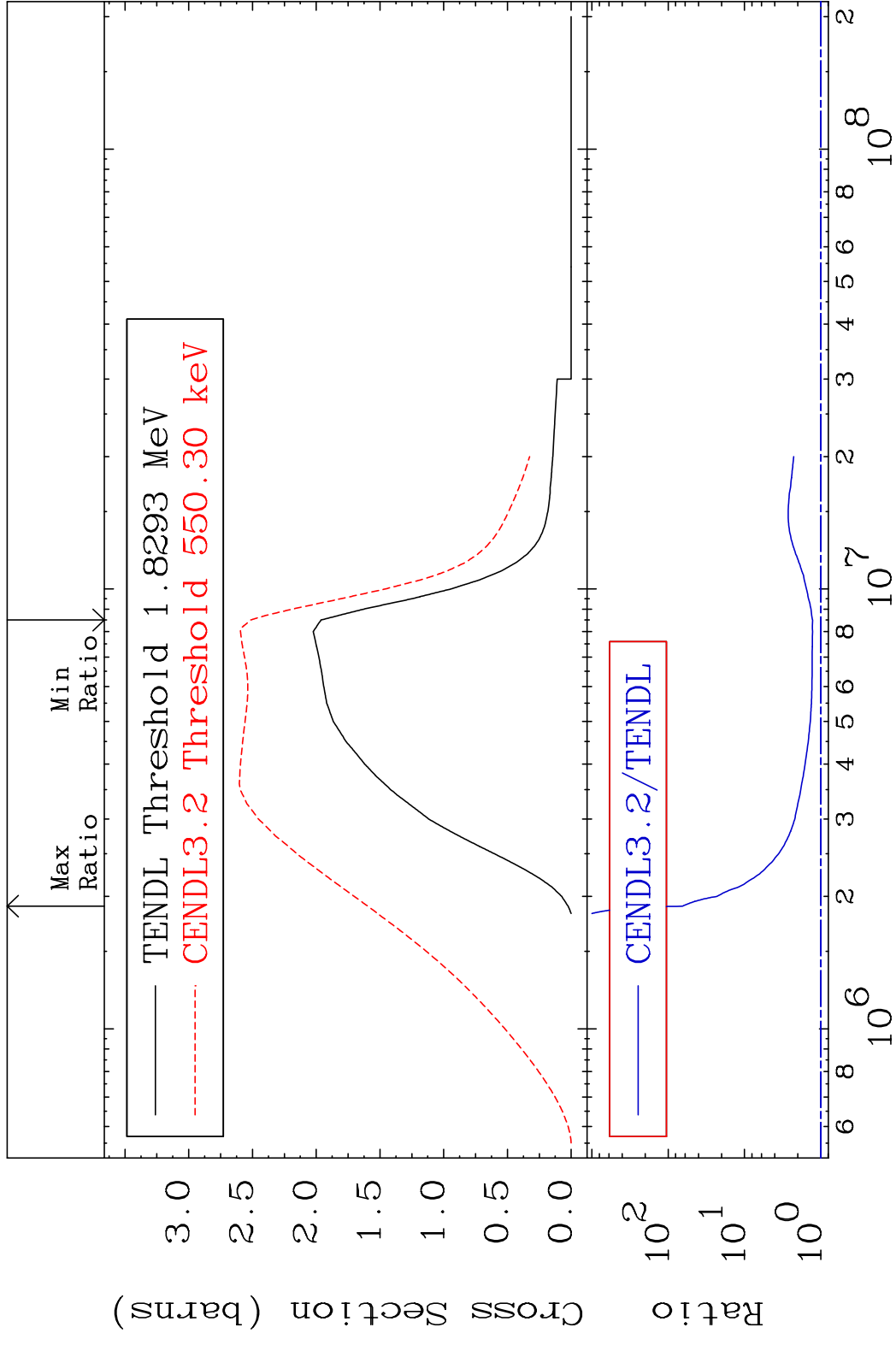


MAT 7925

(n, n') Continuum

79-Au-197

Cross Section 28.13 To 6424. %

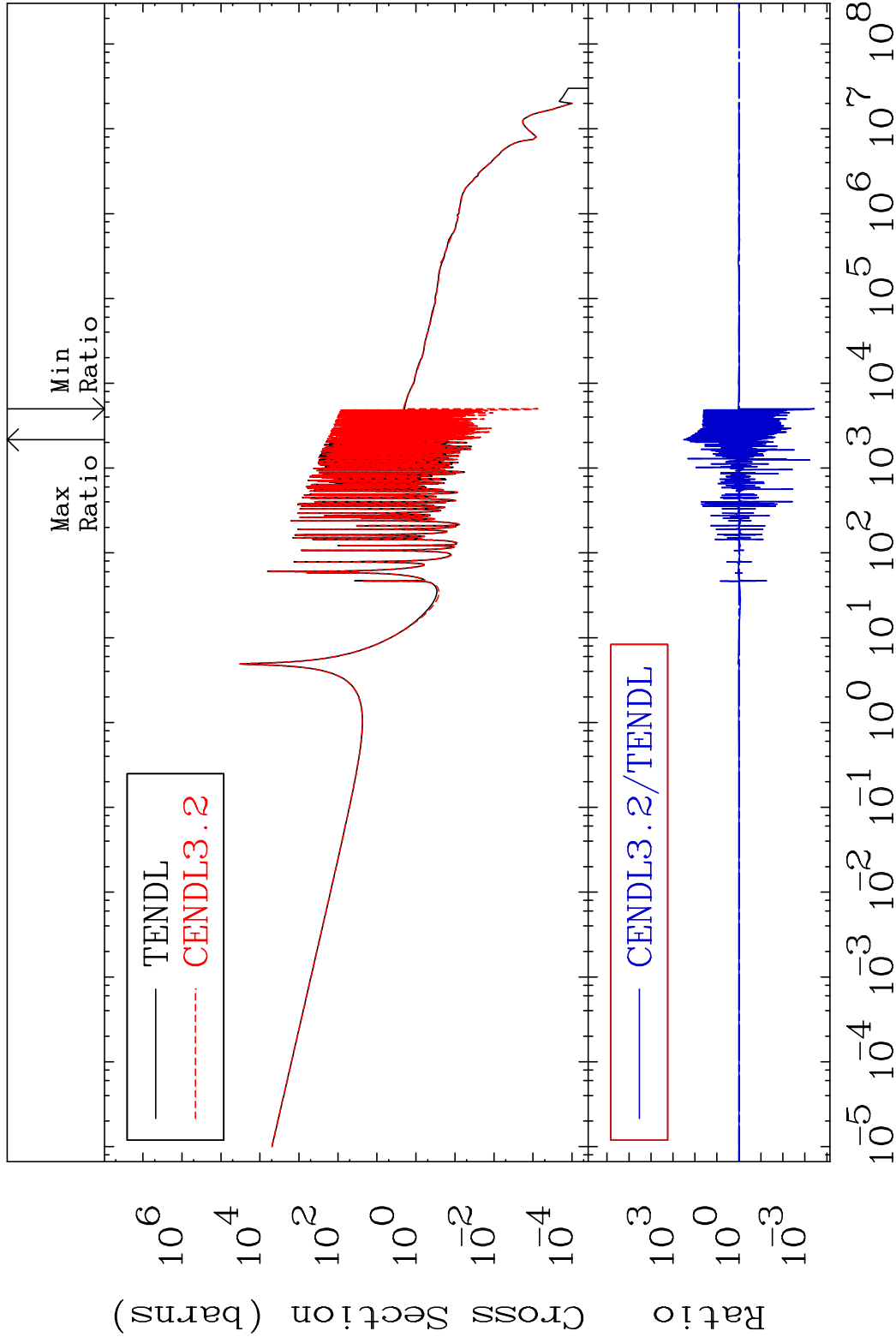


MAT 7925

(n, γ)

79-Au-197

Cross Section -99.96 To 9999. %



17

Incident Energy (eV)

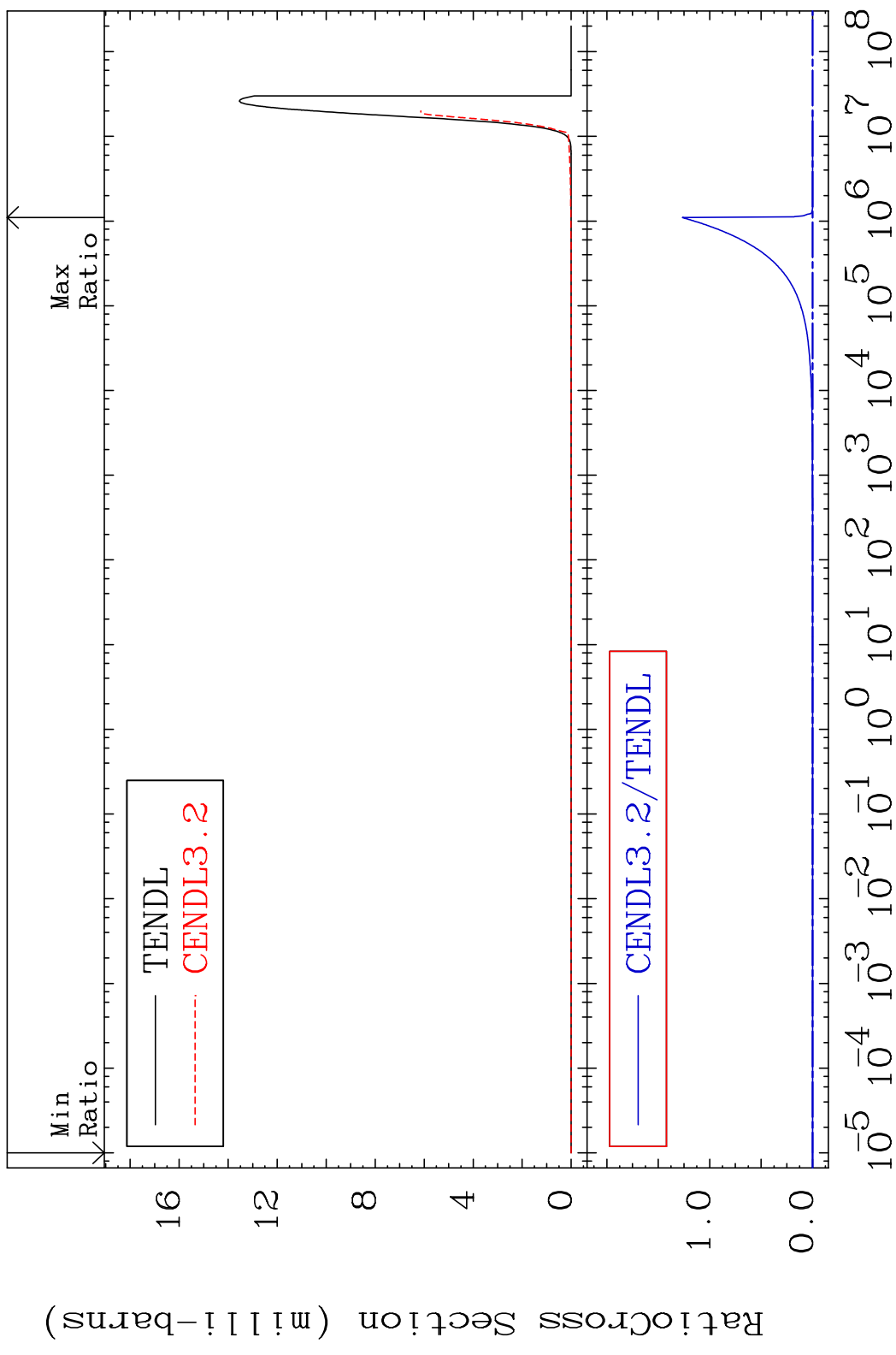
79-Au-197

MAT 7925

(n, p)

79-Au-197

Cross Section -100.0 To 9999. %

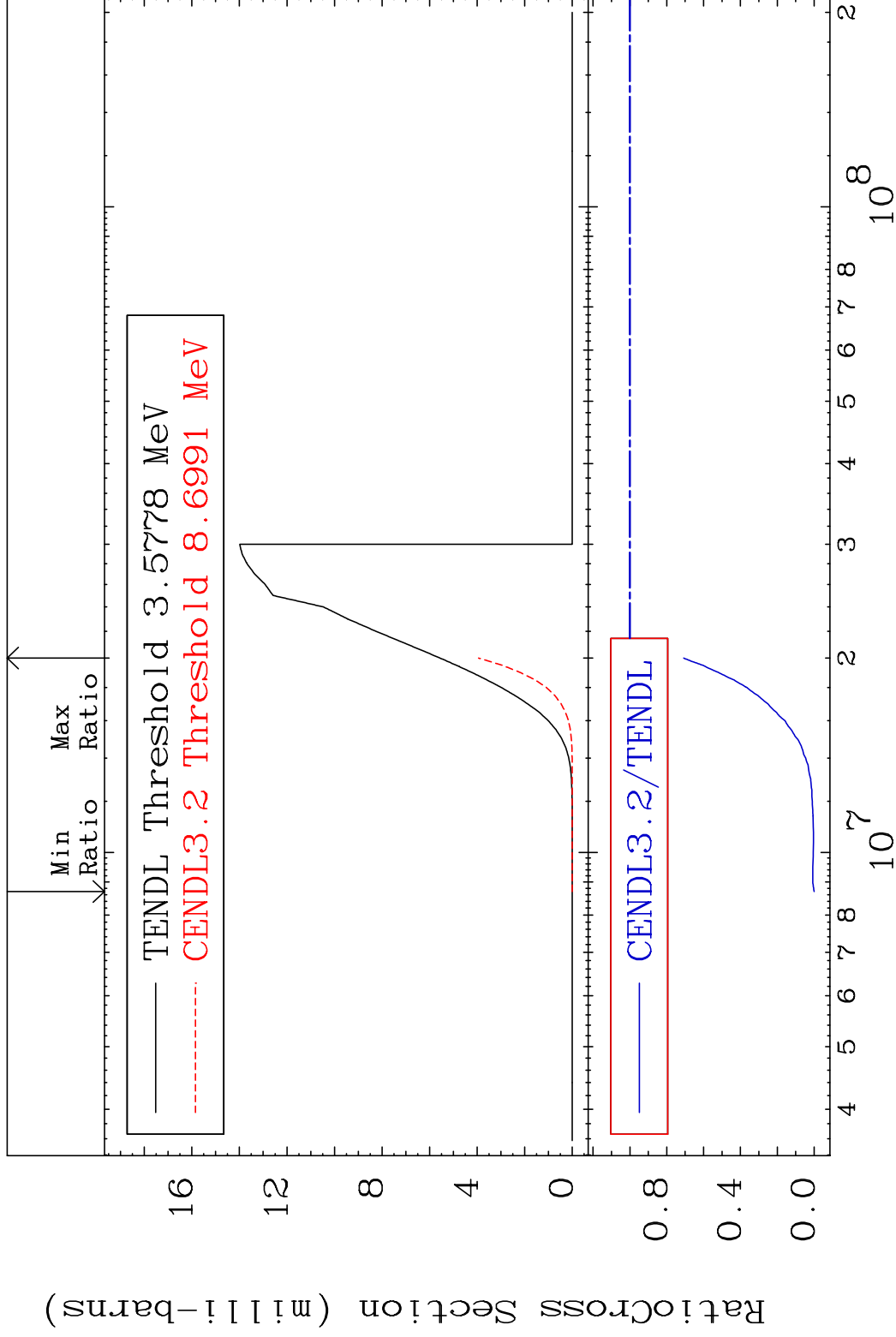


MAT 7925

(n, d)

79-Au-197

Cross Section -100.0 To -29.18%

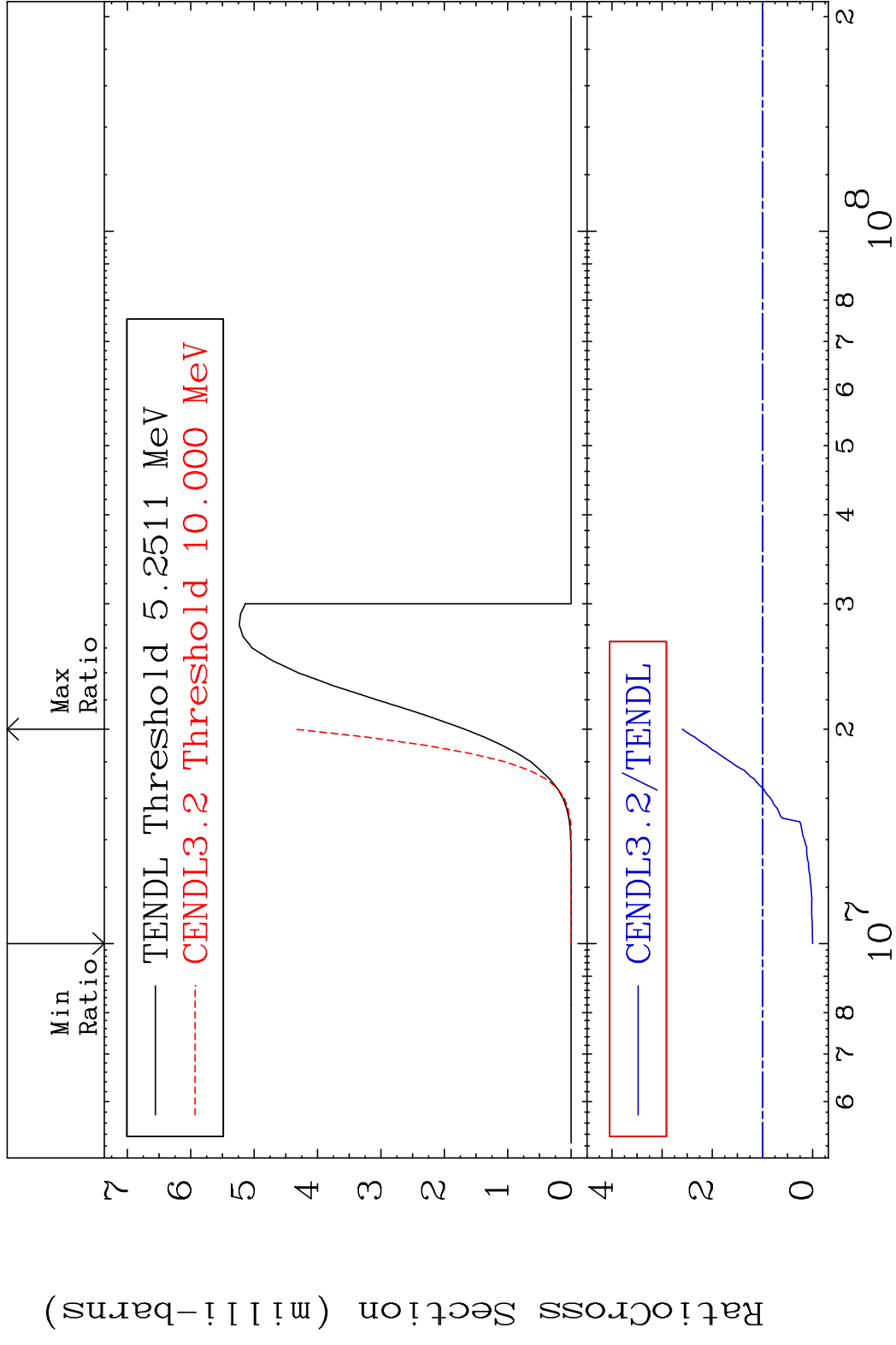


19

Incident Energy (eV)

79-Au-197

MAT 7925 (n, t) 79-Au-197
 Cross Section -100.0 To 159.5 %

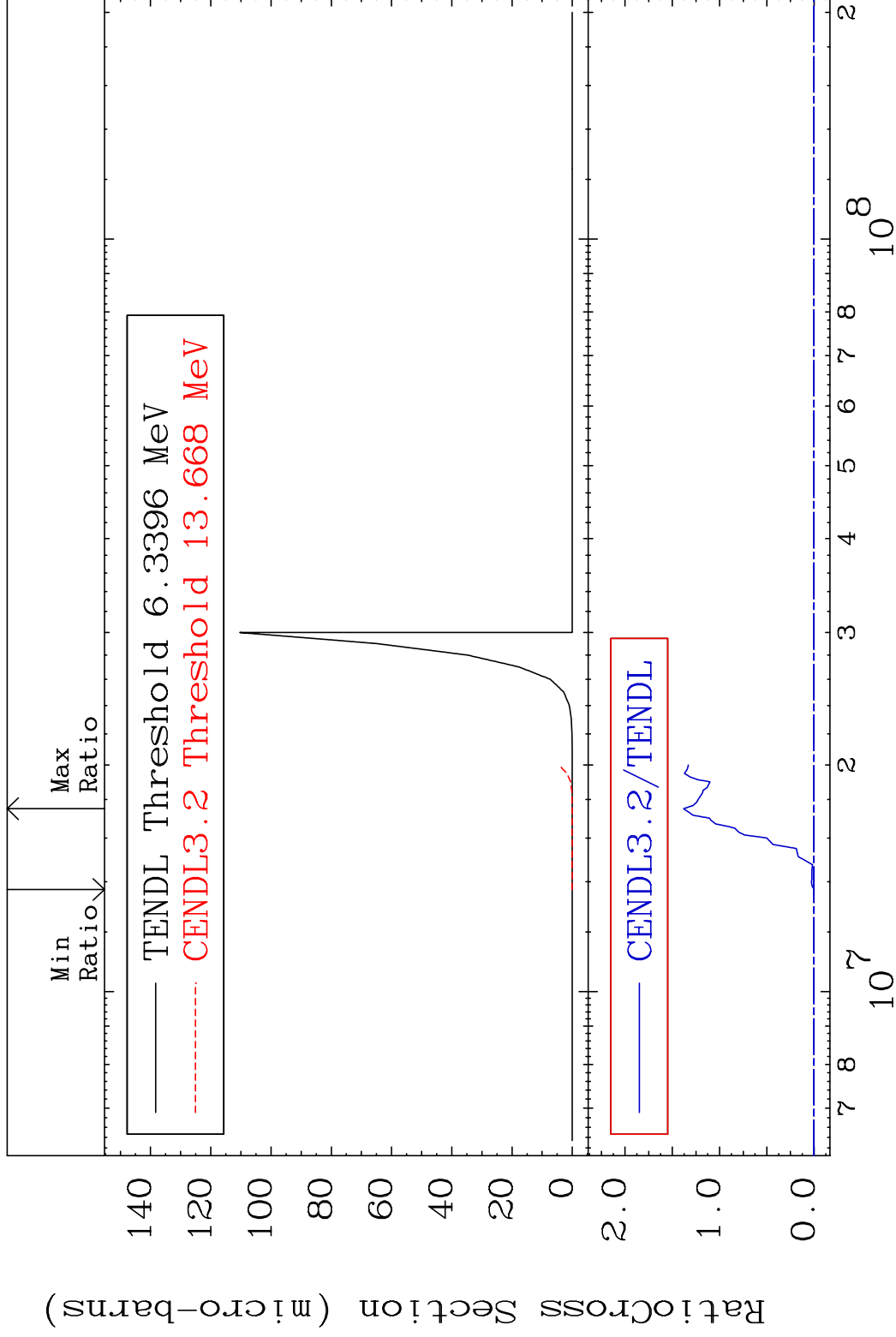


MAT 7925

(n, He-3)

79-Au-197

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

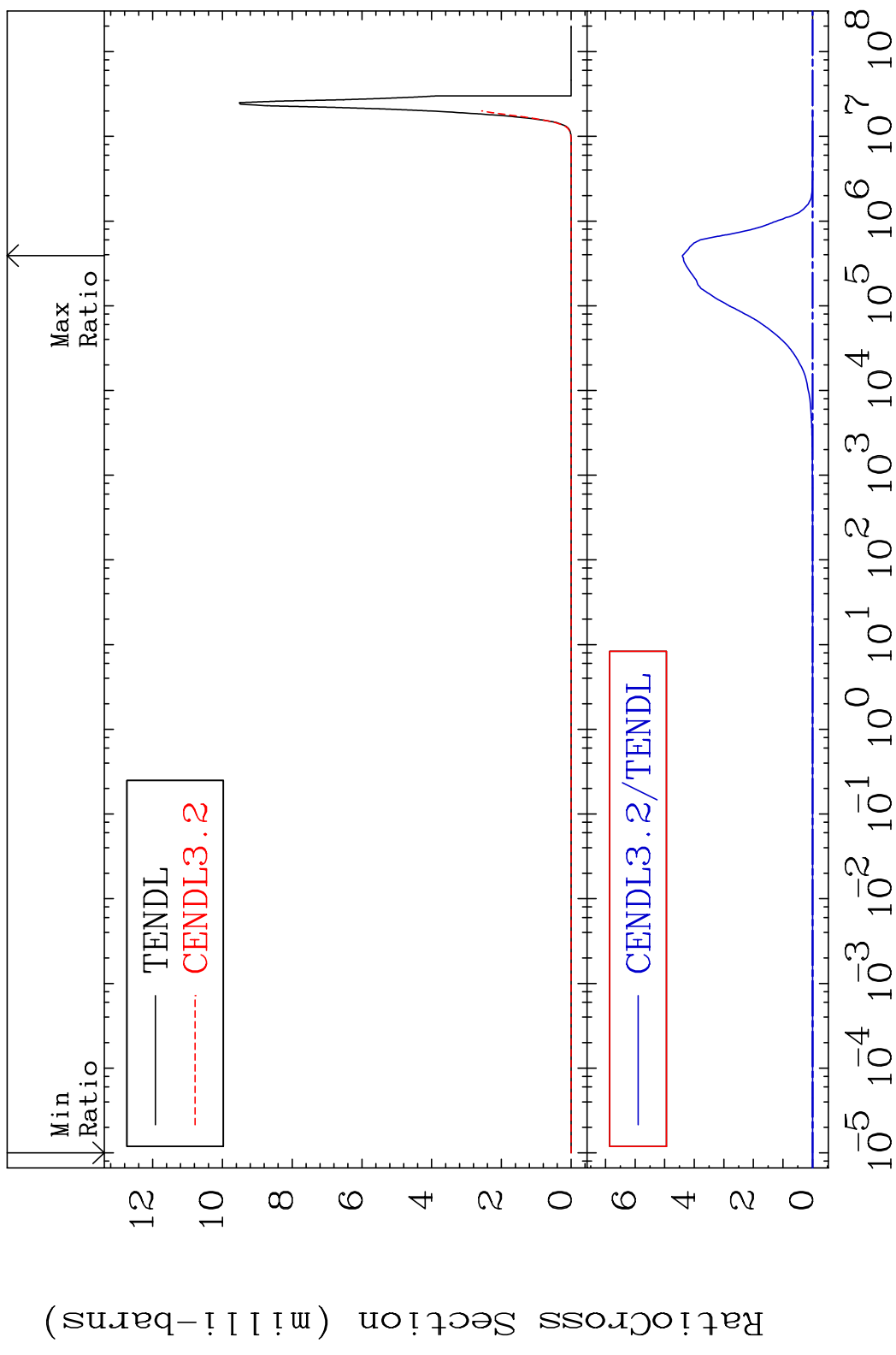
79-Au-197

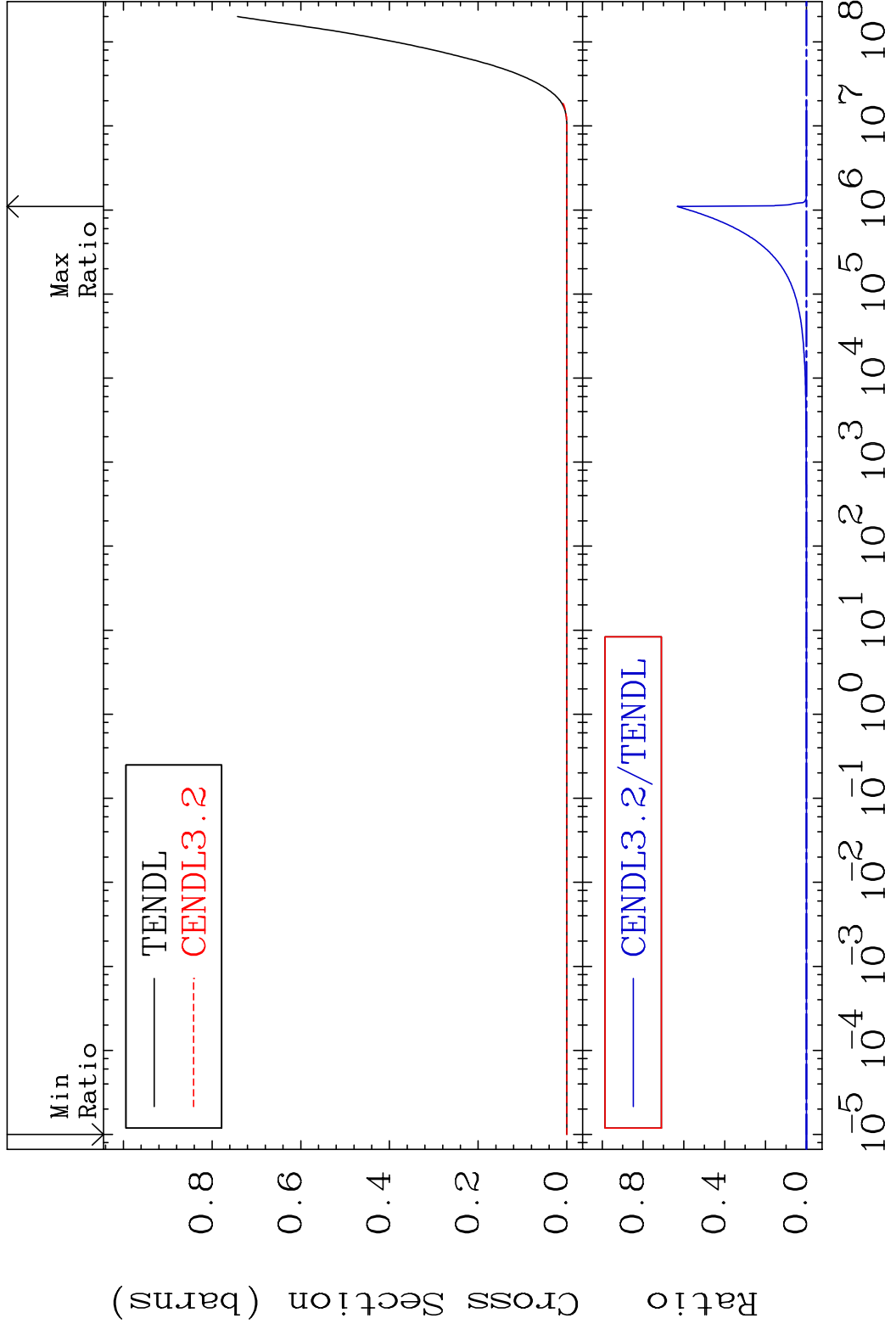
MAT 7925

(n, α)

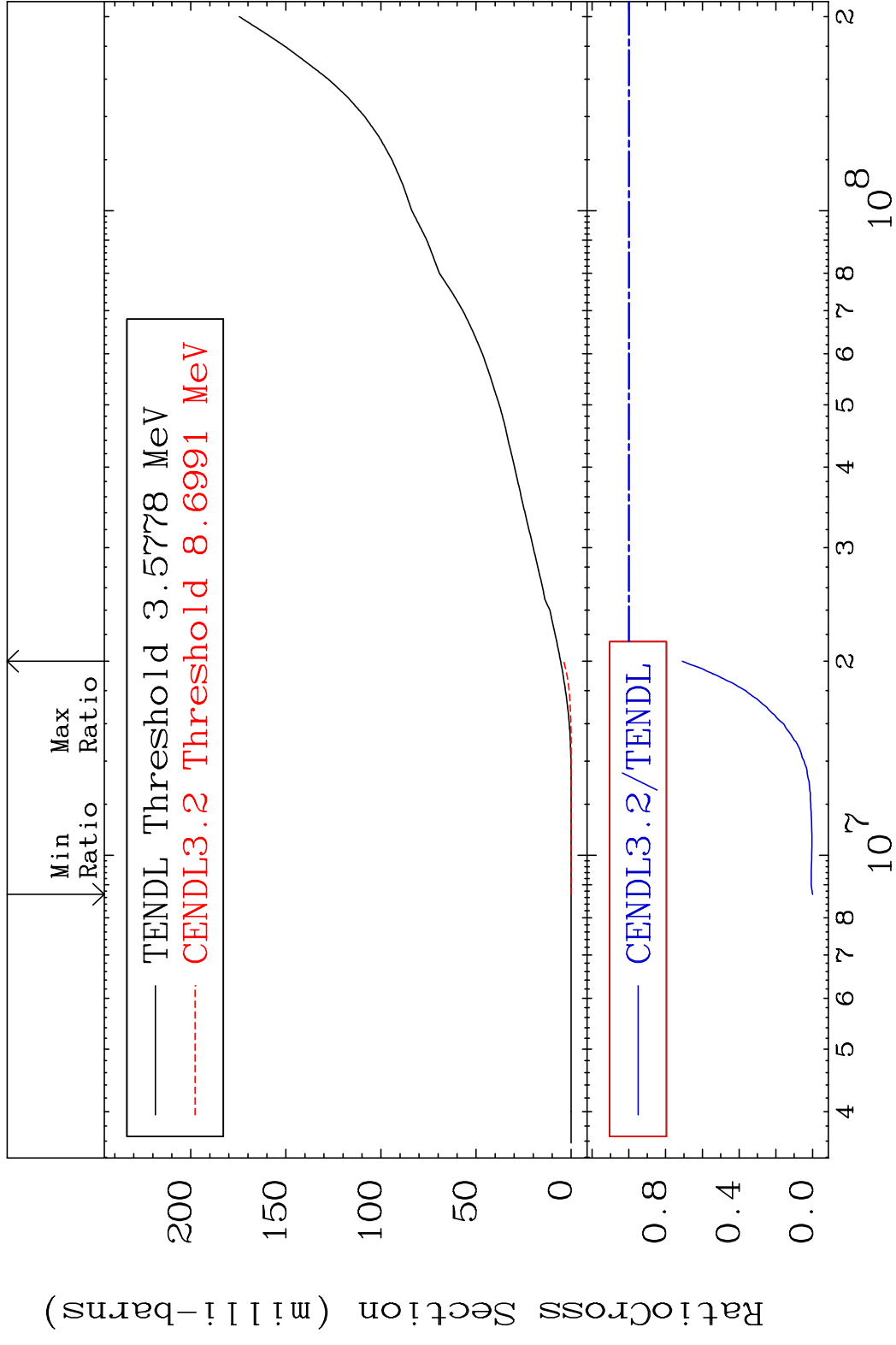
79-Au-197

Cross Section -100.0 To 9999. %

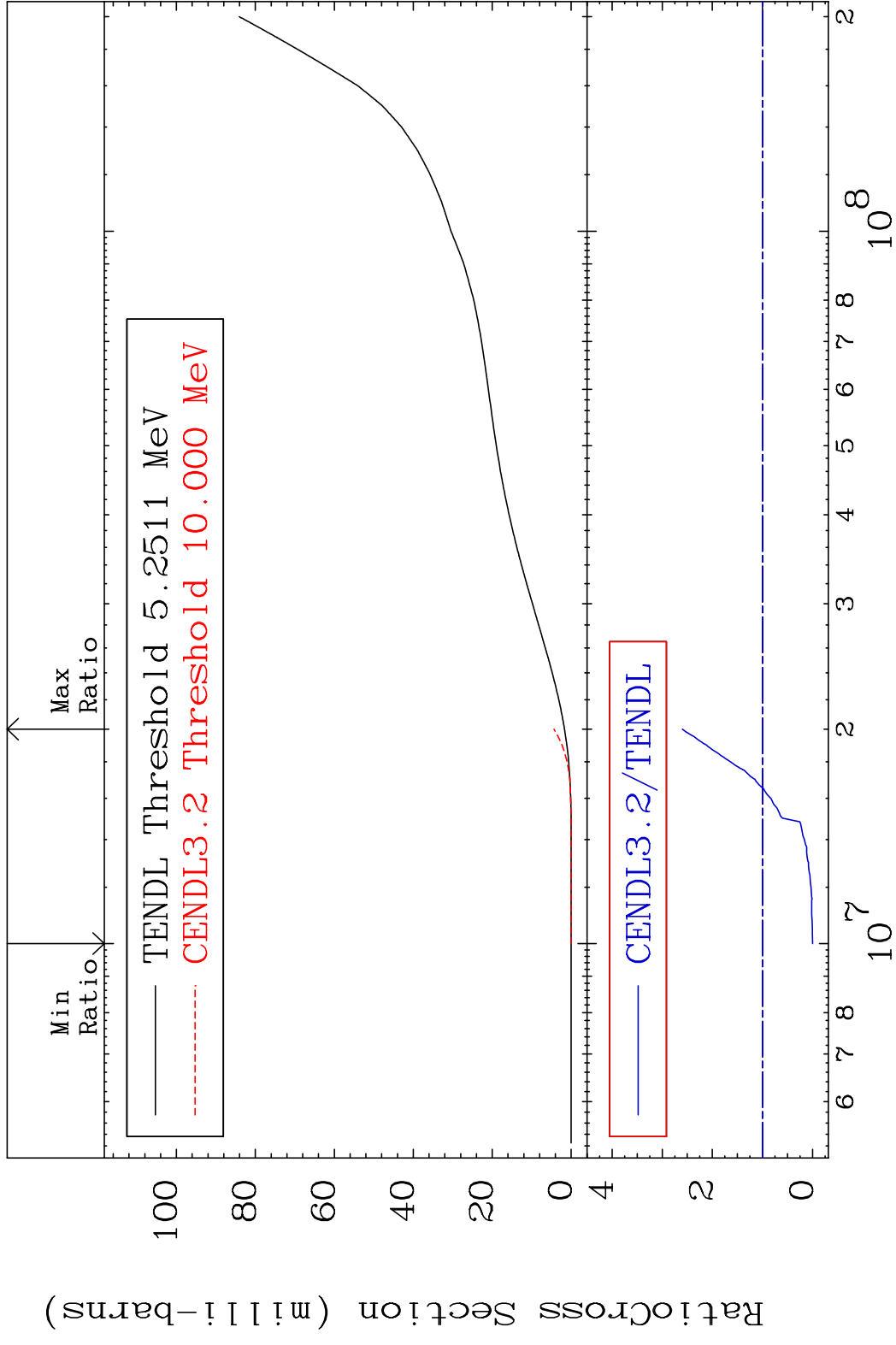




Cross Section -100.0 To -29.11%



MAT 7925 Tritium Production 79-Au-197
 Cross Section -100.0 To 159.9 %

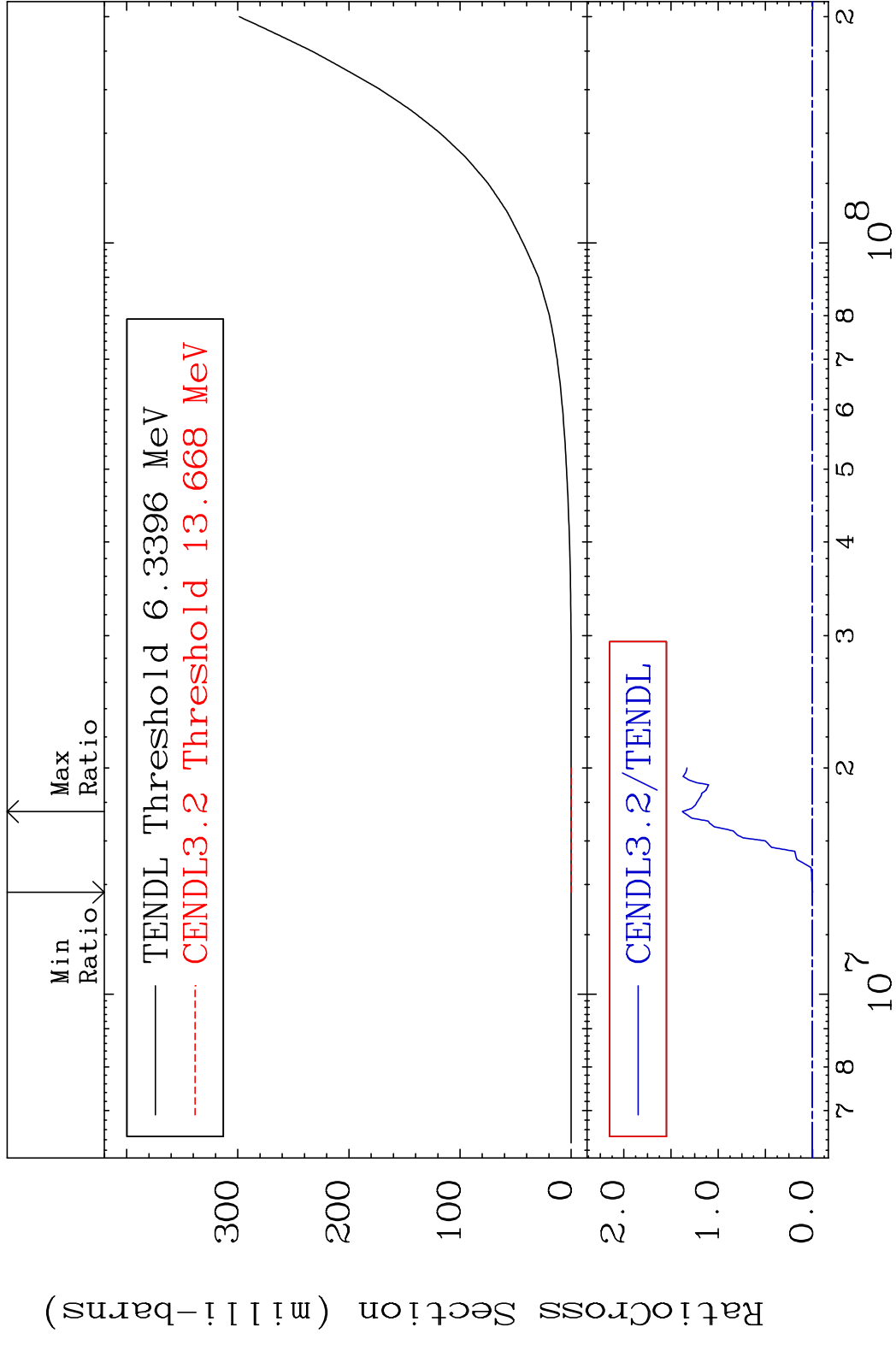


MAT 7925

He-3 Production

79-Au-197

Cross Section -100.0 To 9999. %

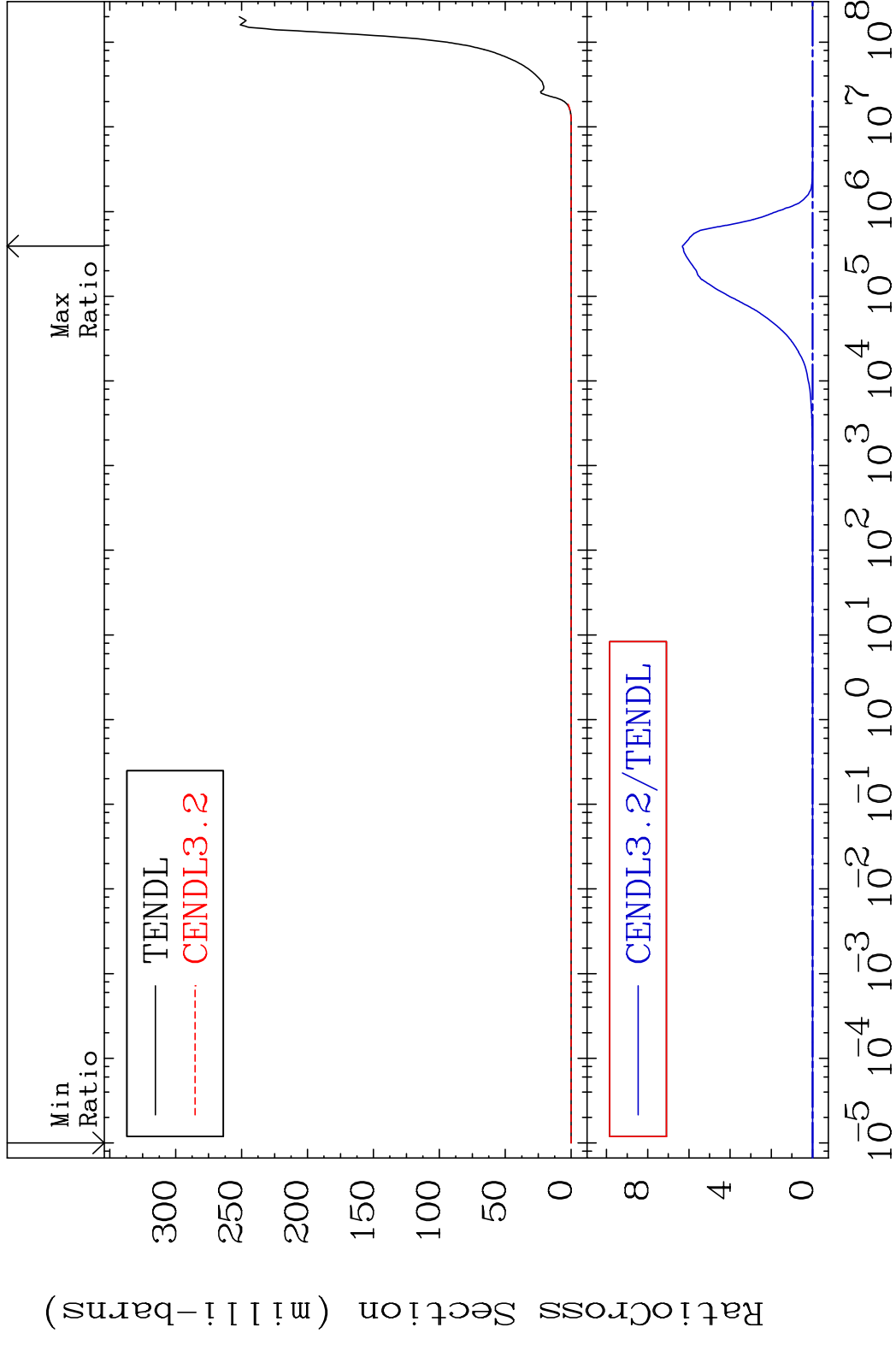


MAT 7925

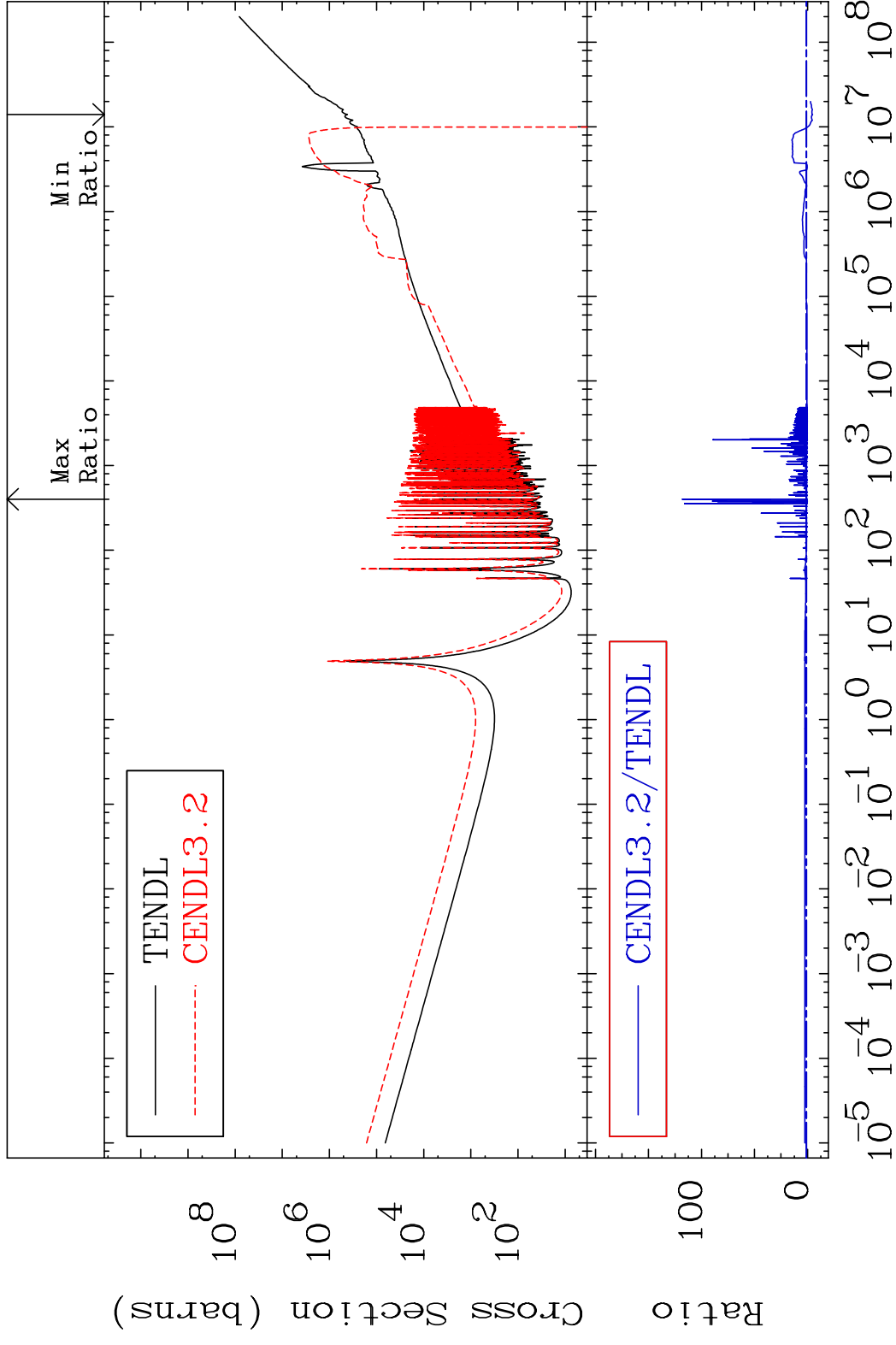
He-4 Production

79-Au-197

Cross Section -100.0 To 9999. %



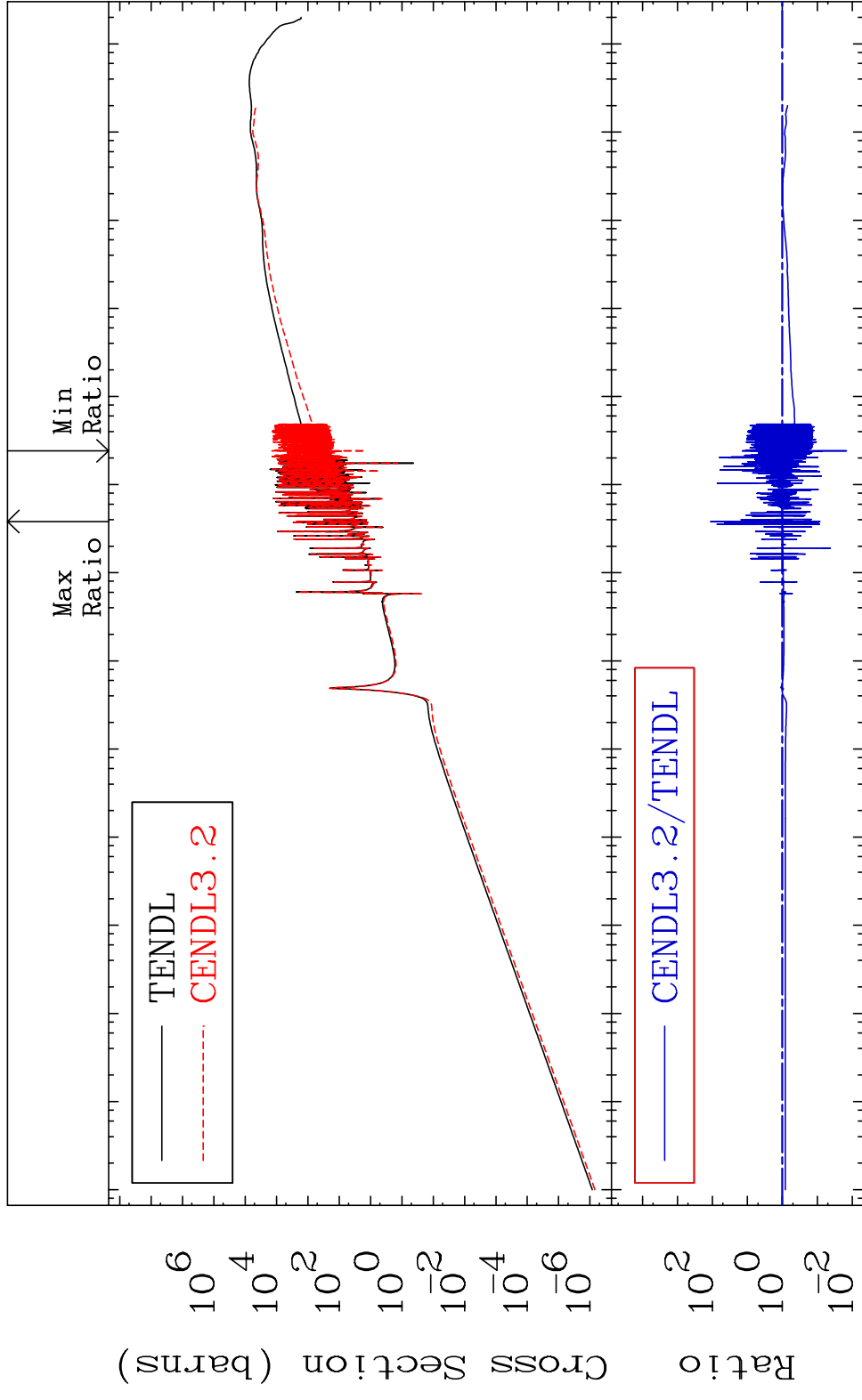
MAT 7925 Kerma total (eV-barns) 79-Au-197
 Cross Section -575.7 To 9999. %



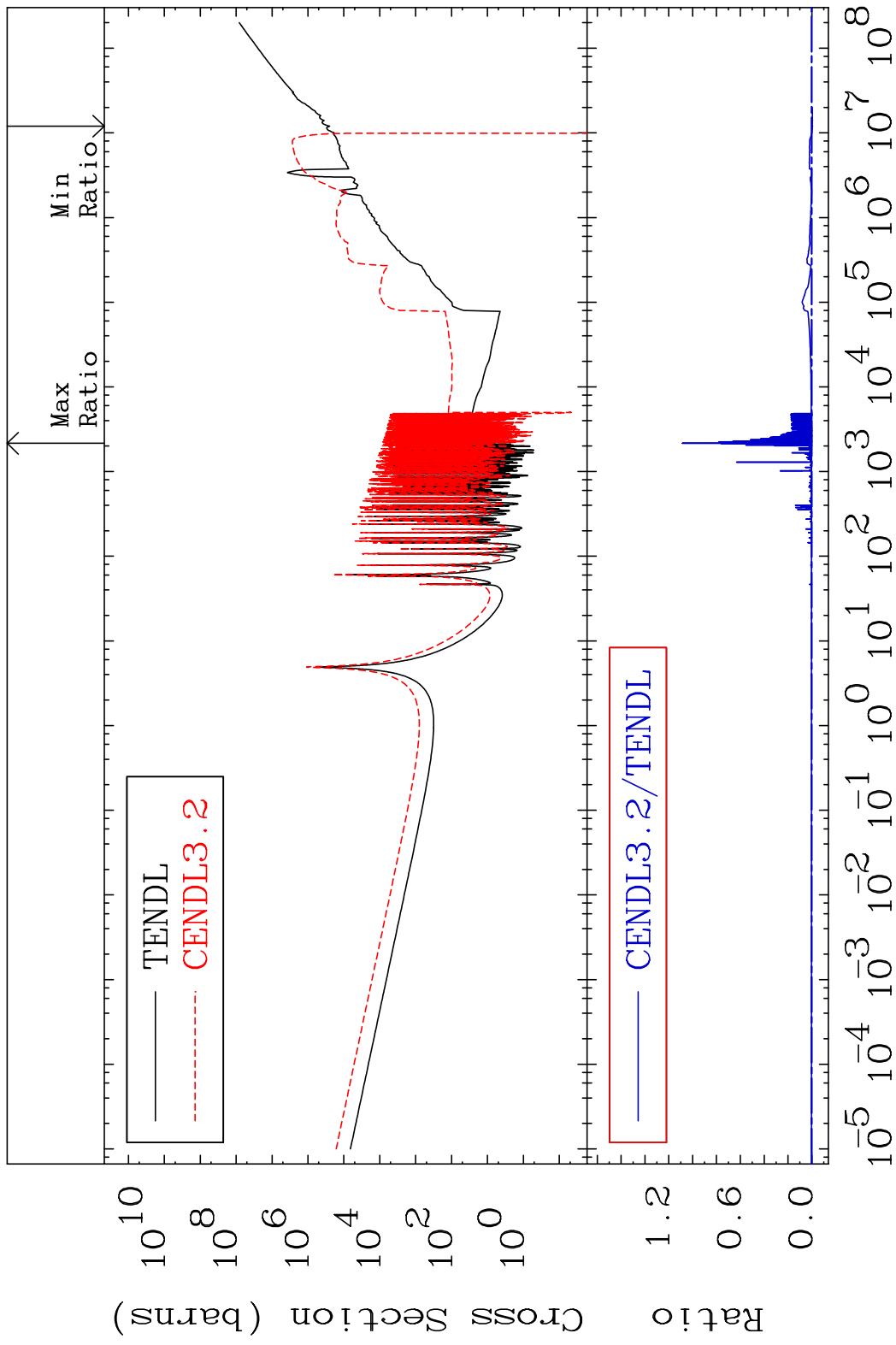
MAT 7925

Kerma elastic Cross Section -98.52 To 9999. %

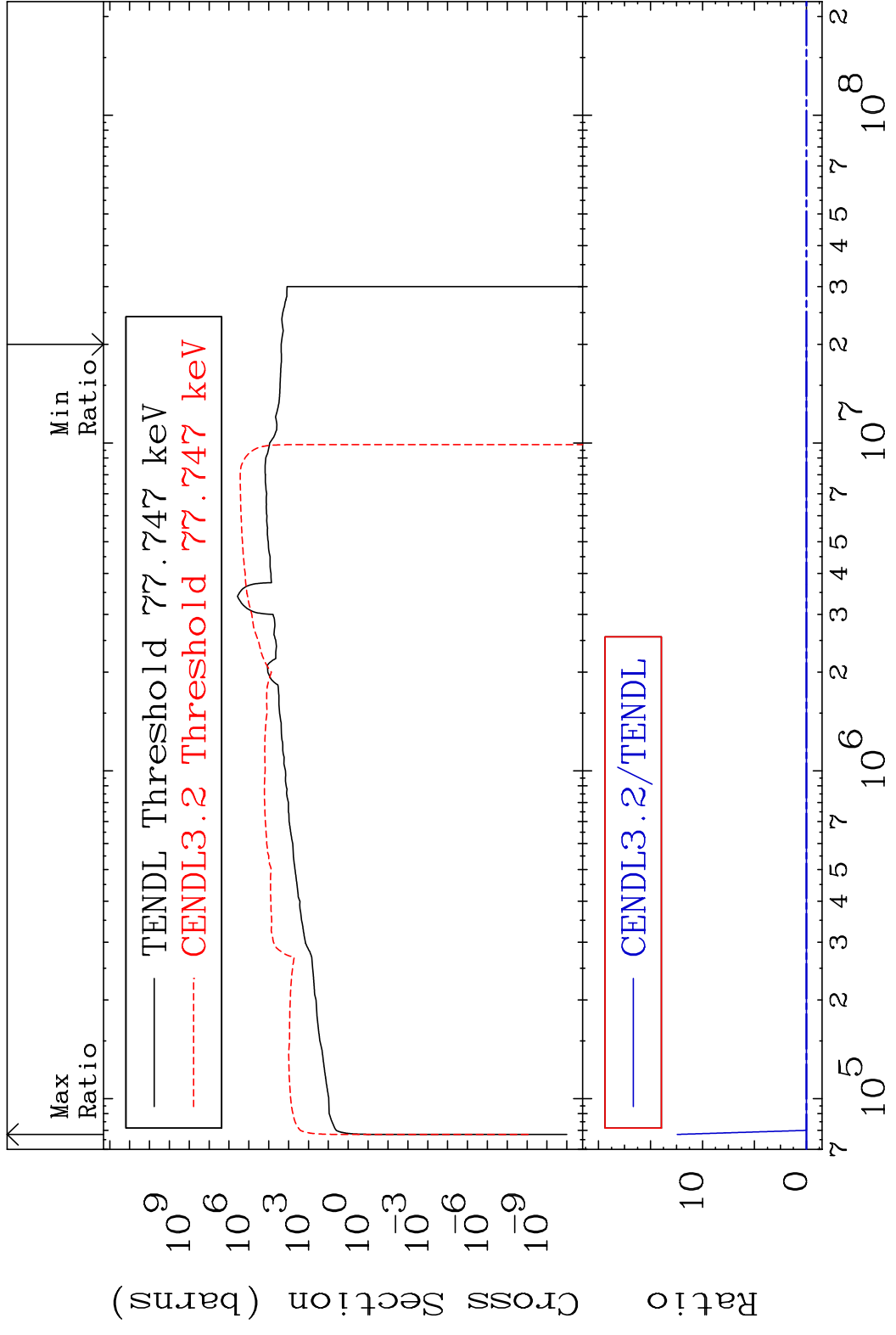
79-Au-197



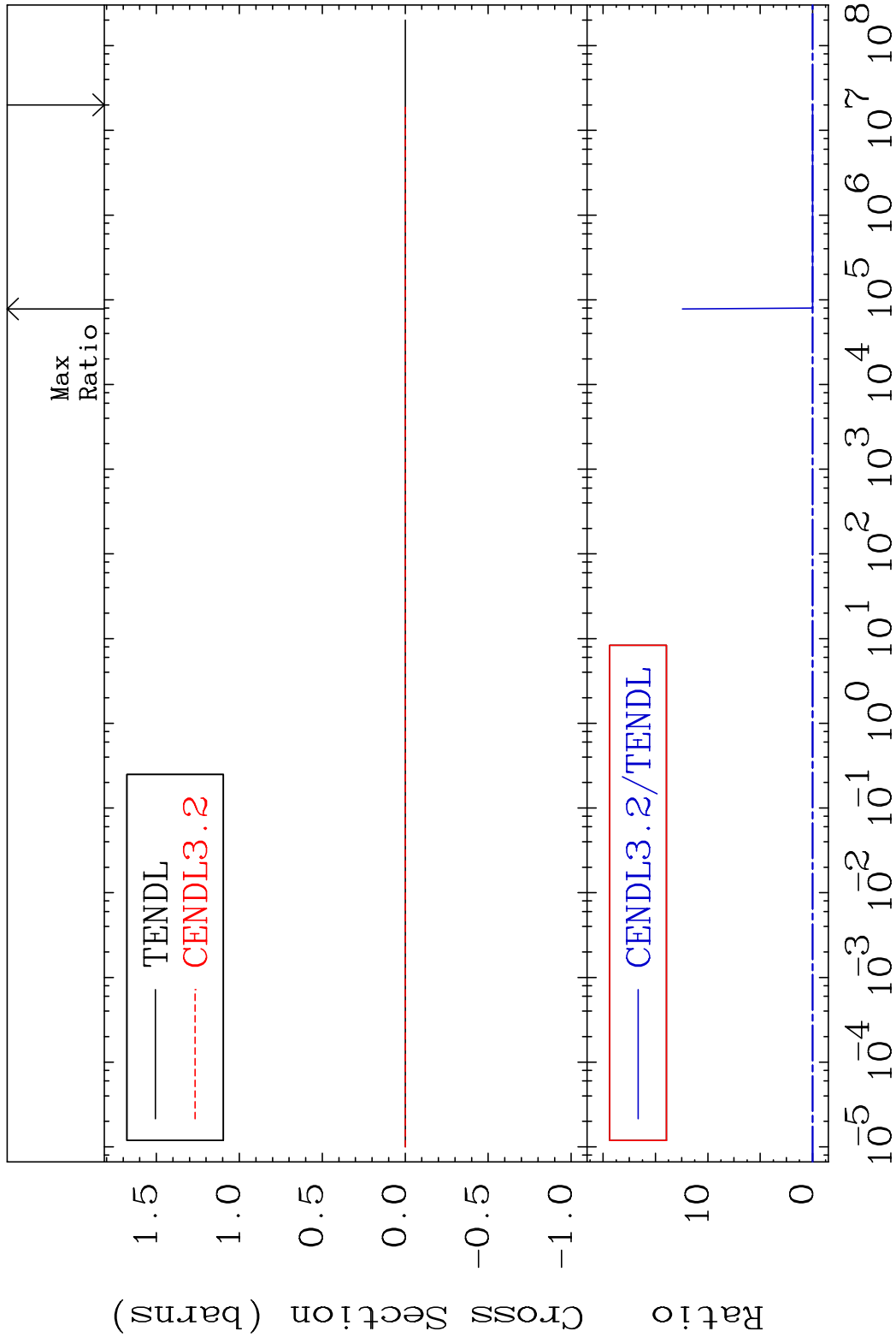
MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197
 Cross Section -704.1 To 9999. %

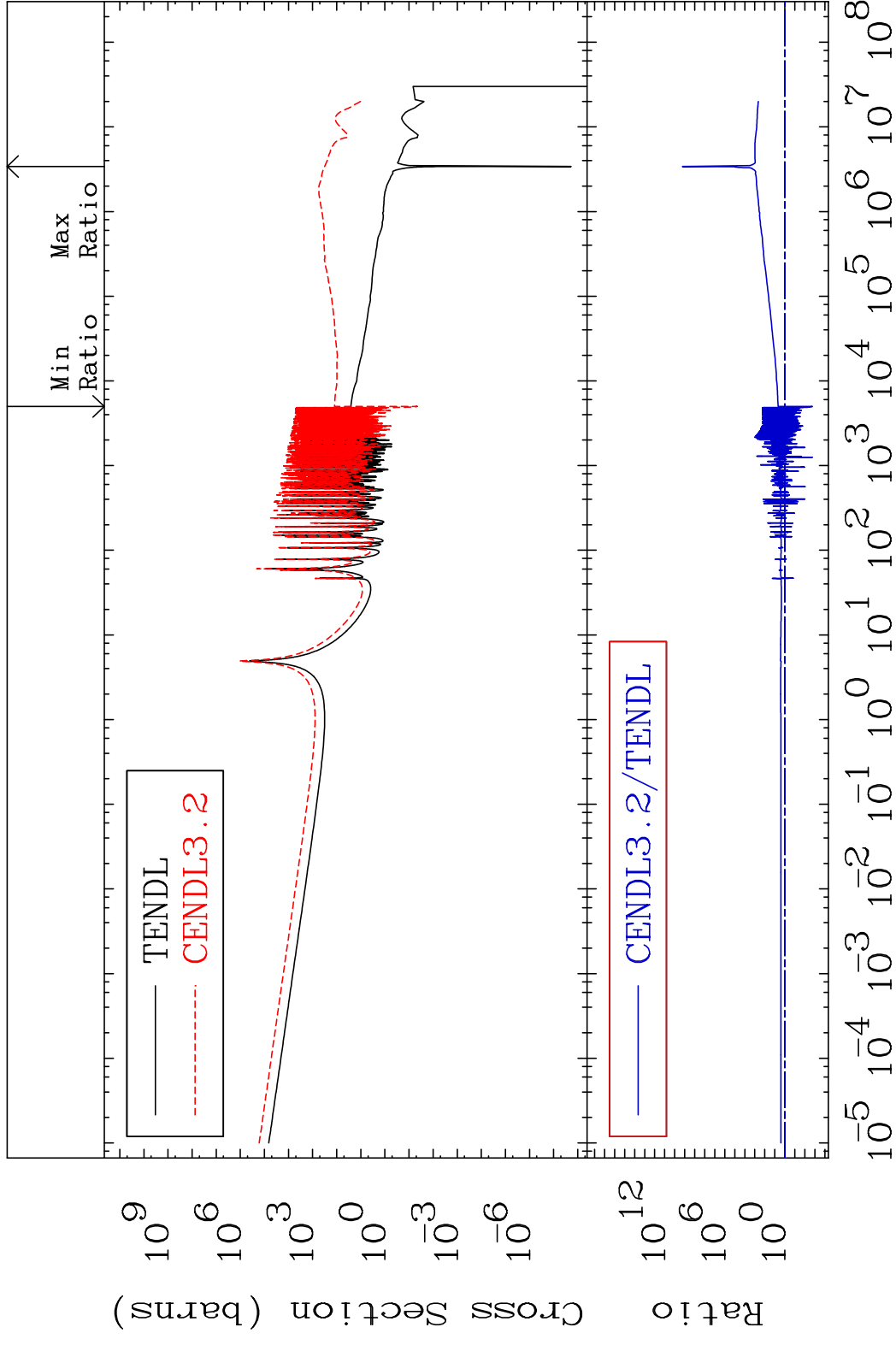


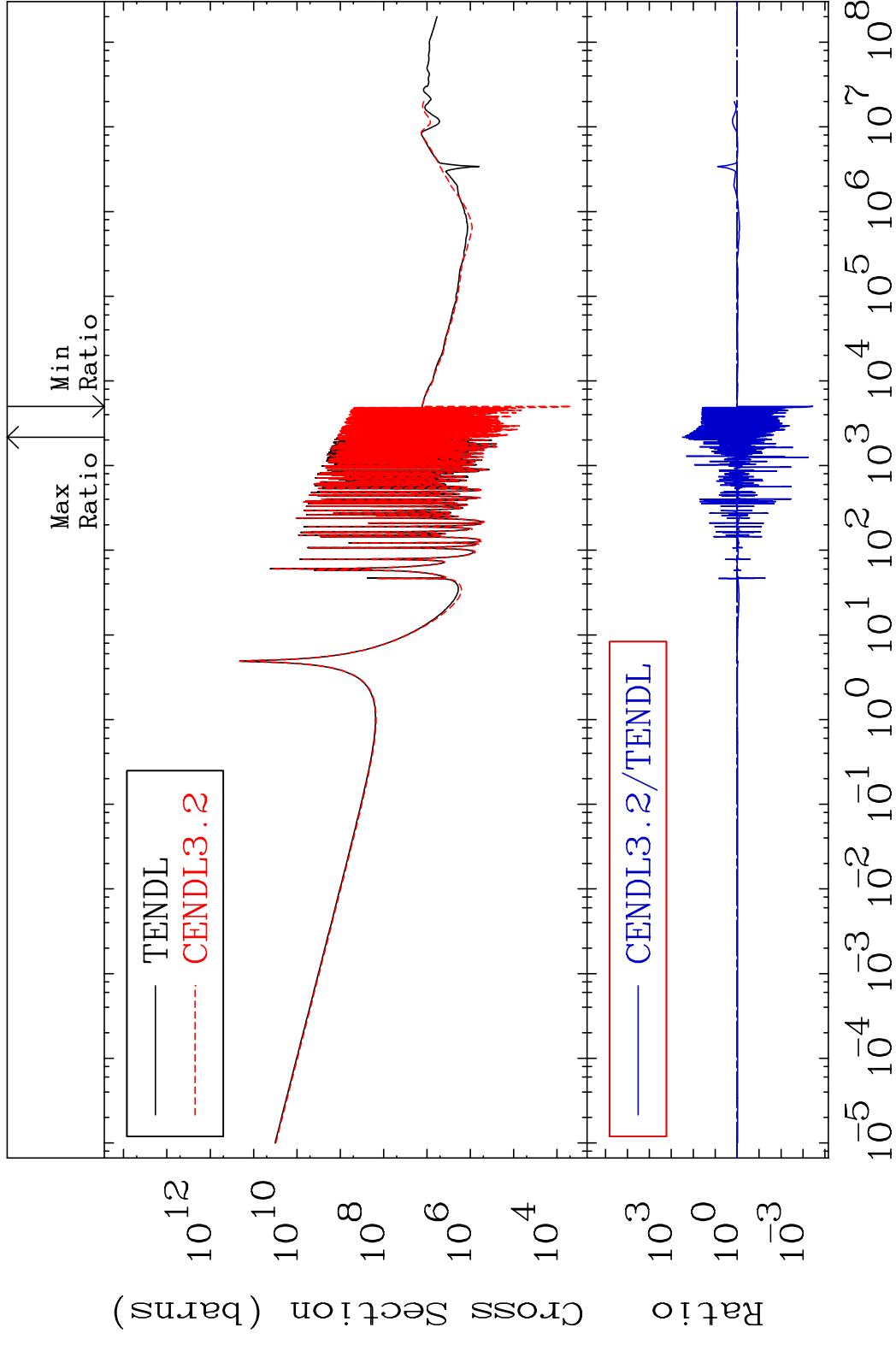
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197
 Cross Section -9999. To 9999. %



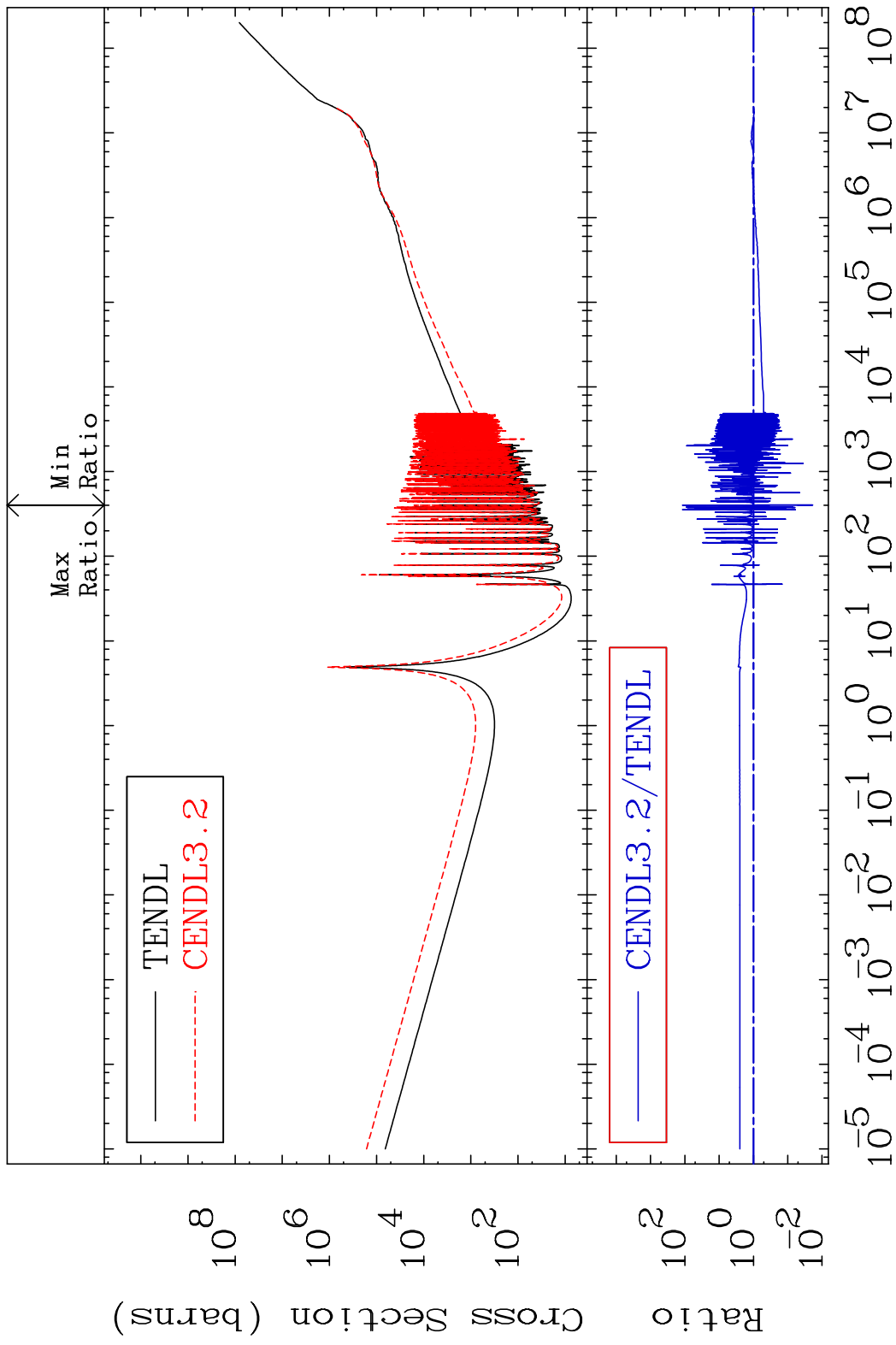
MAT 7925 Kerma fission (mt18 or mt19-20-21-38) 79-Au-197
 Cross Section -9999. To 9999. %



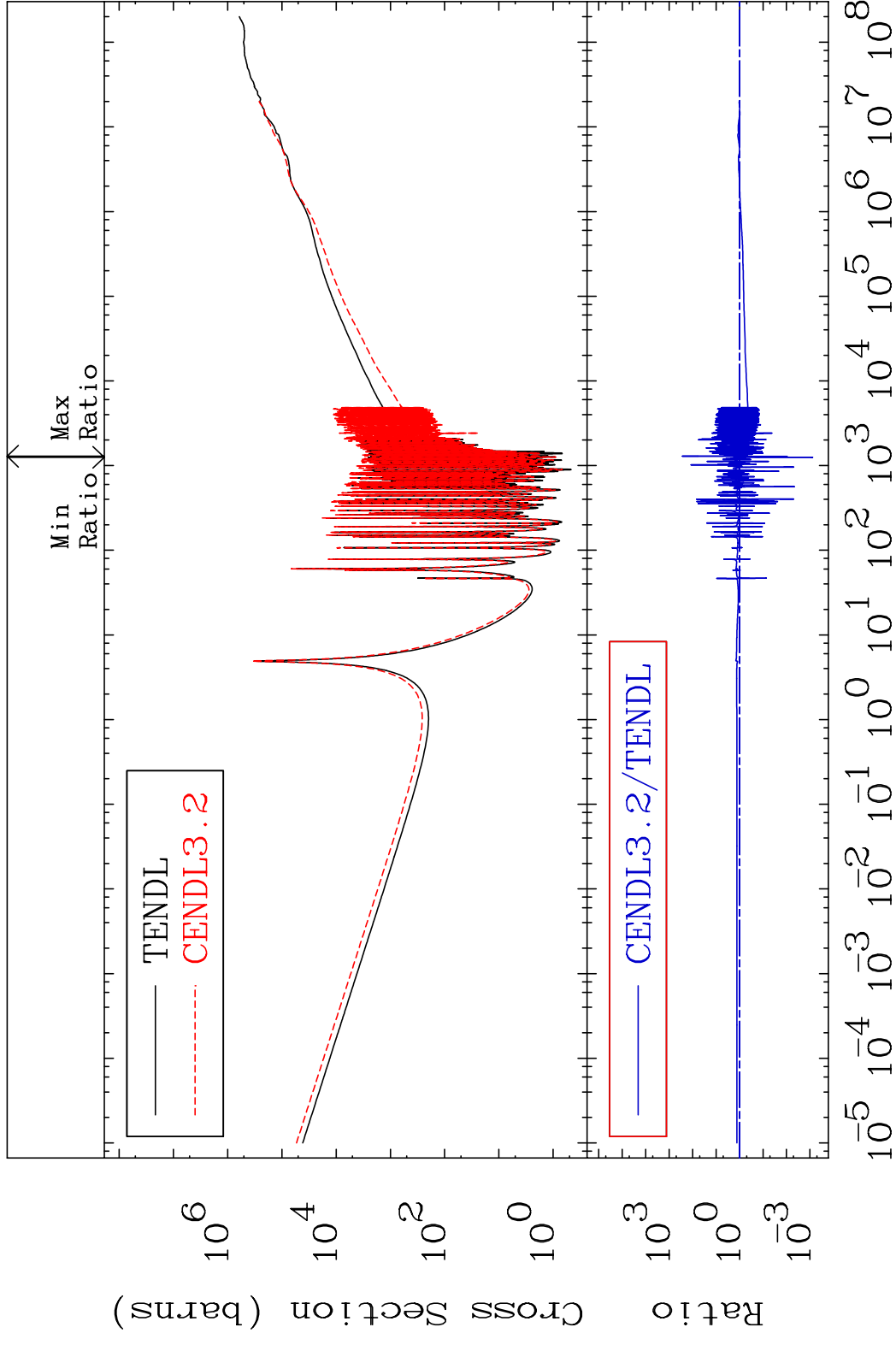




MAT 7925 Total kinematic kerma (high limit) 79-Au-197
 Cross Section -98.11 To 9999. %



MAT 7925 Dpa total (eV-barns) 79-Au-197
 Cross Section -99.92 To 9999. %

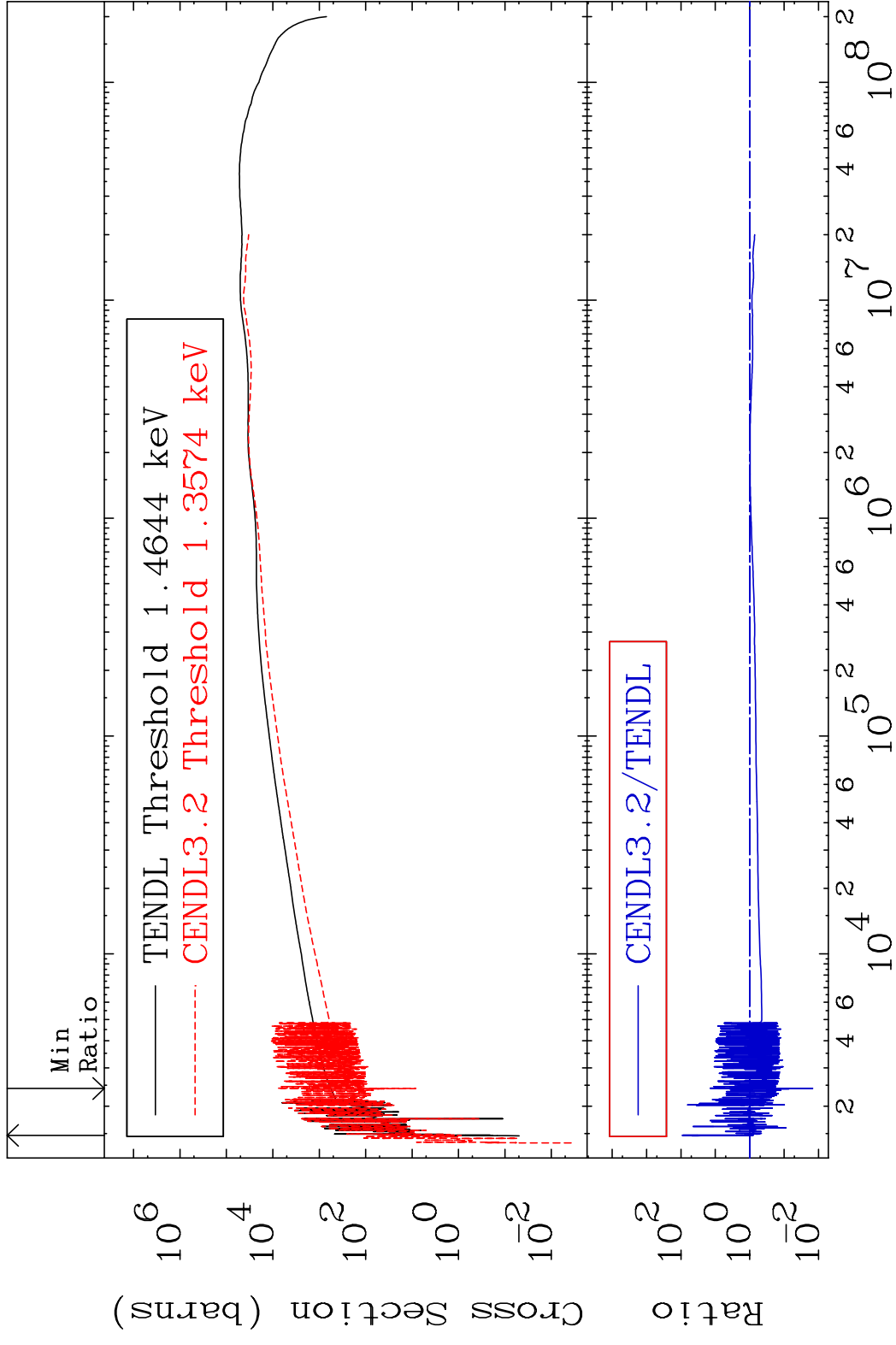


MAT 7925

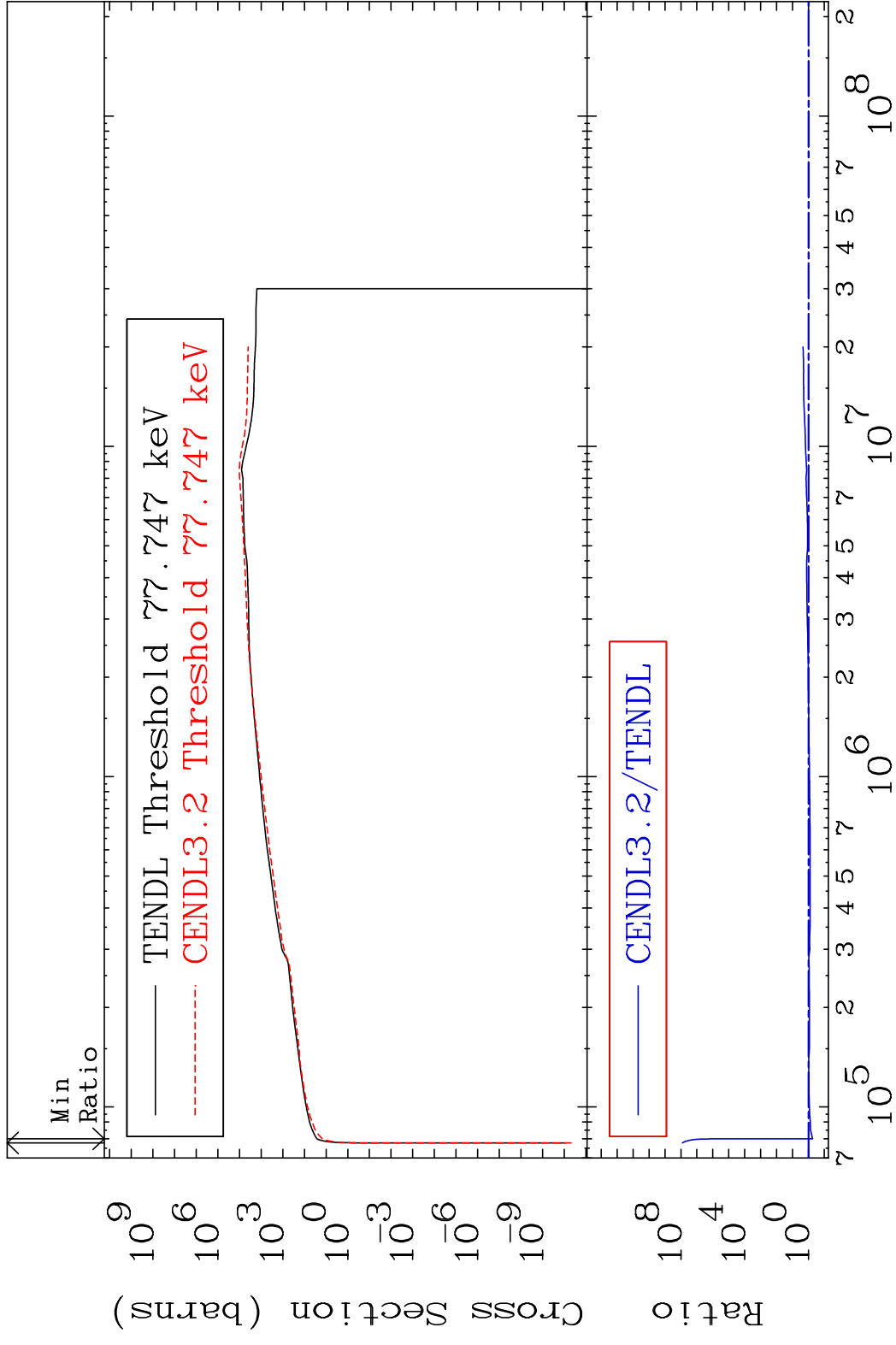
Dpa elastic (mt2)

79-Au-197

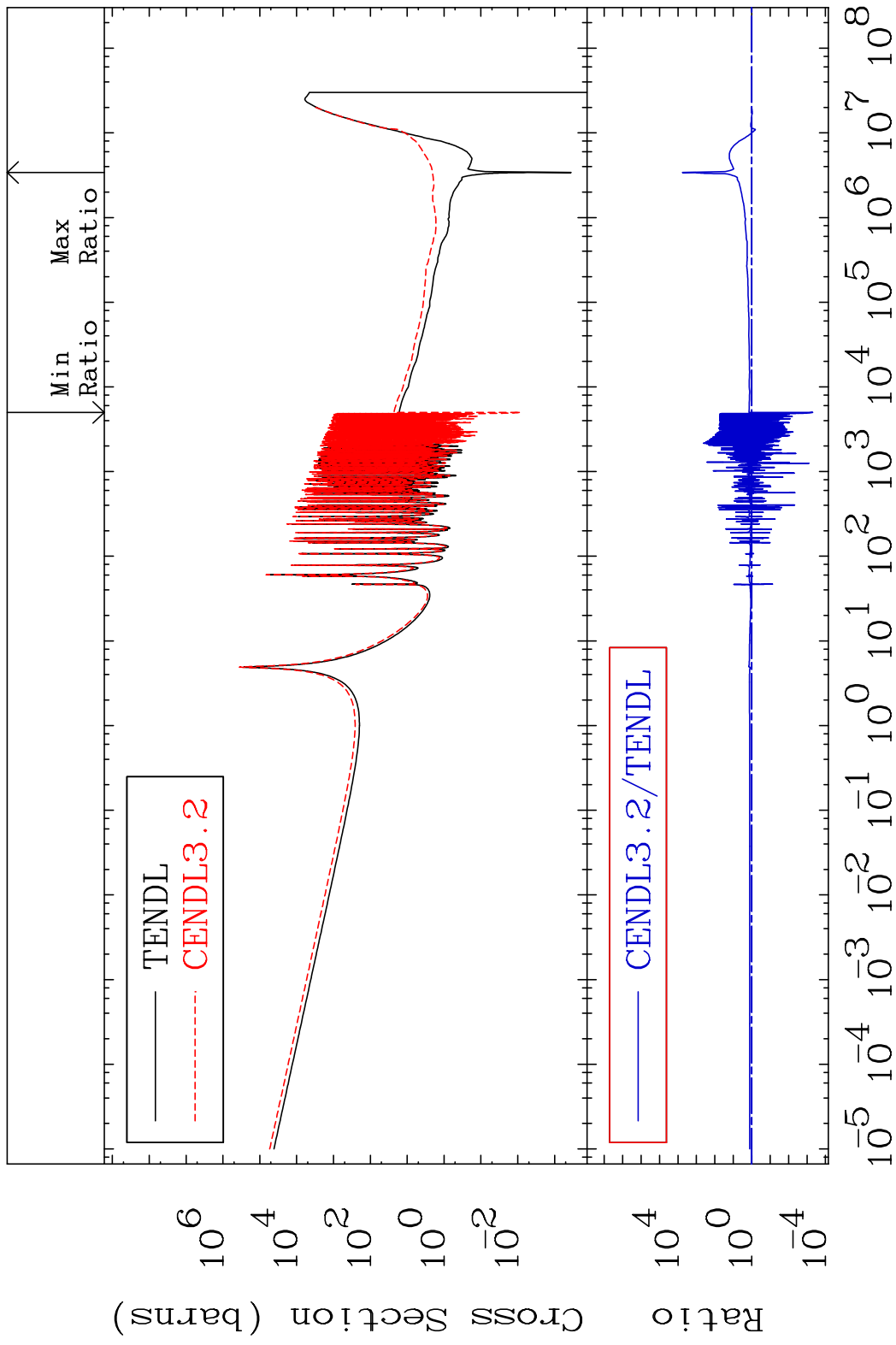
Cross Section -98.51 To 8993. %



MAT 7925 Dpa inelastic (mt51-91) 79-Au-197
 Cross Section -45.10 To 9999. %



MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197
 Cross Section -99.95 To 9999. %

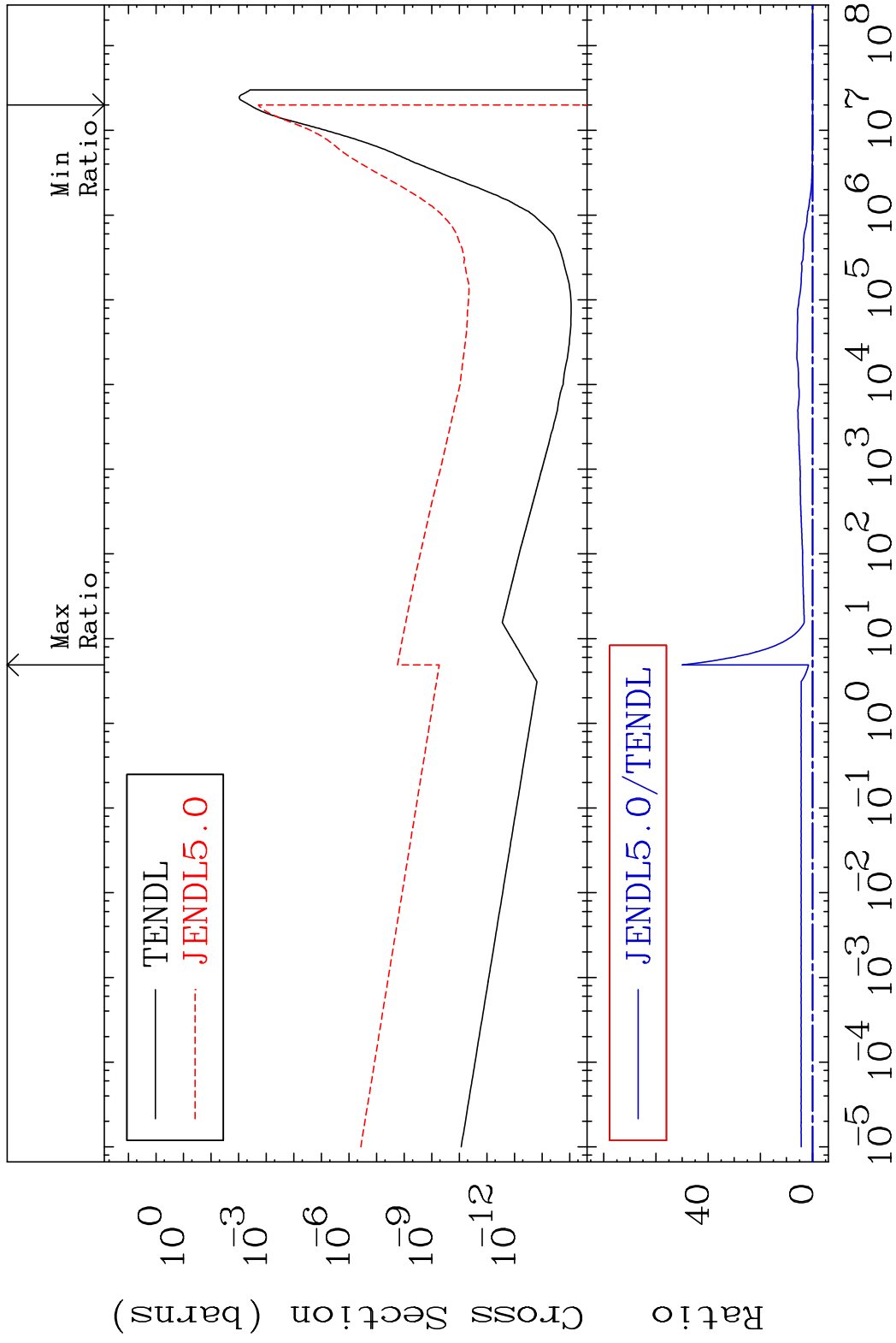


MAT 7925

(n, α)

79-Au-197

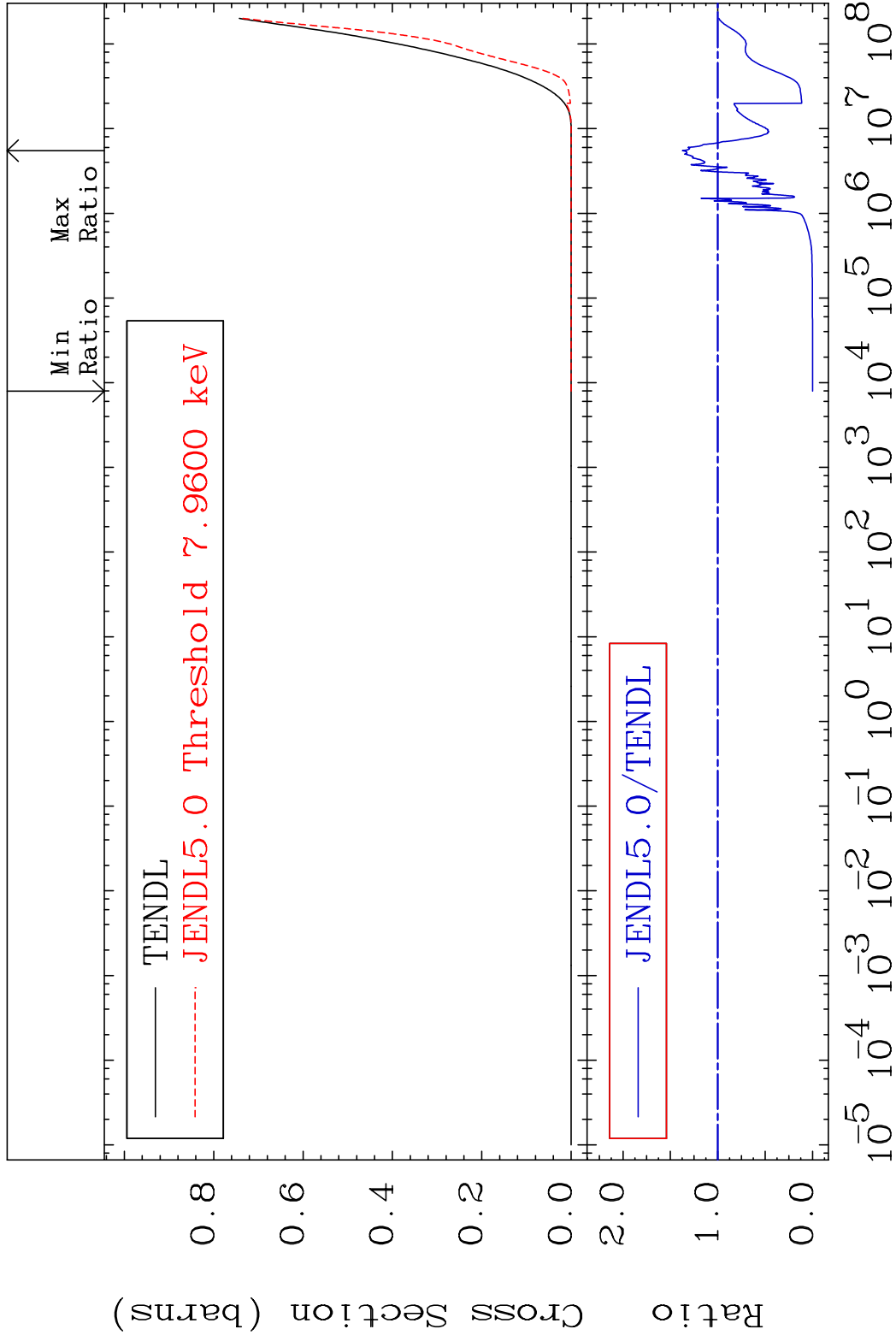
Cross Section -100.0 To 9999. %

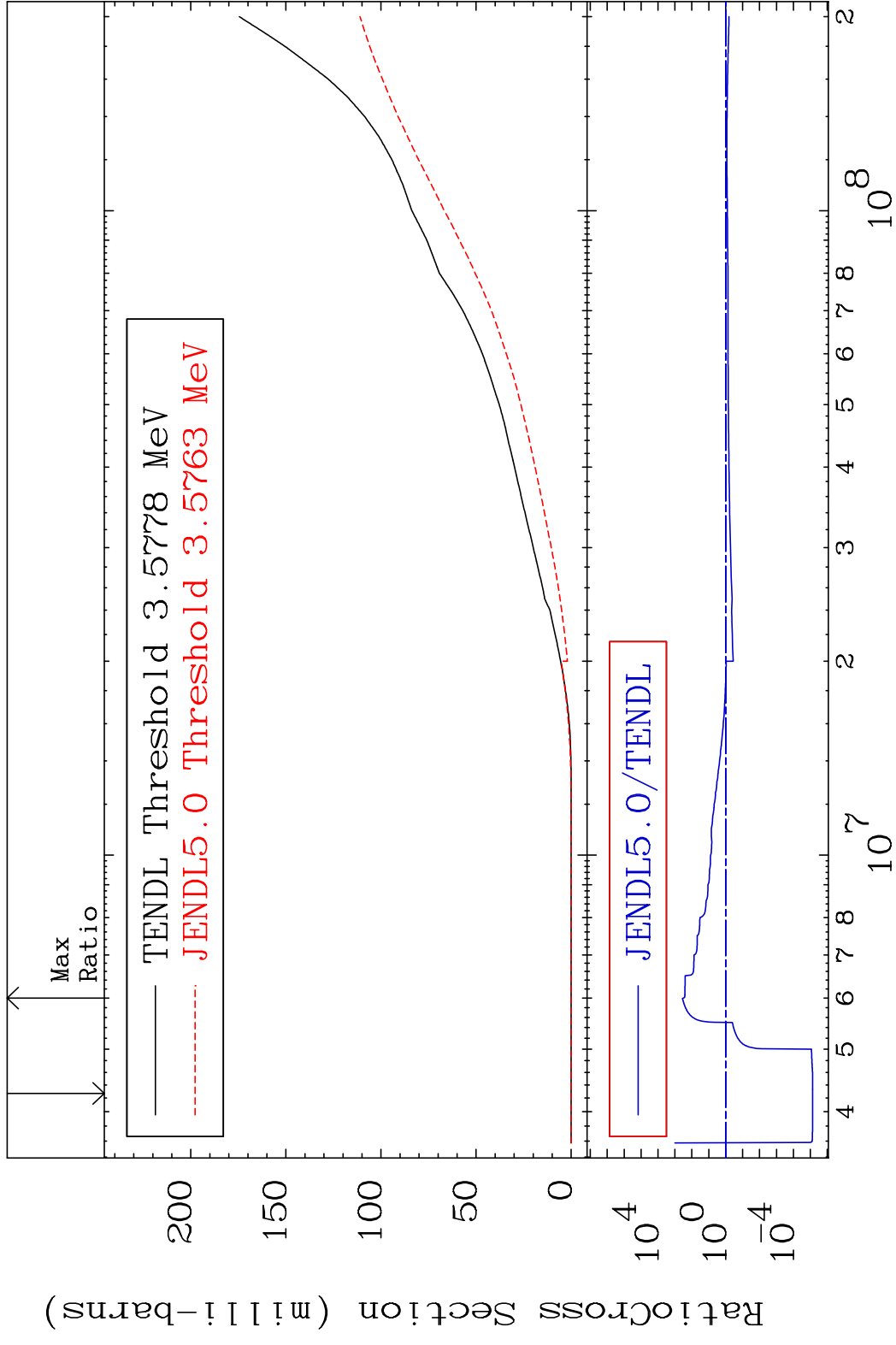


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Incident Energy (eV)

79-Au-197



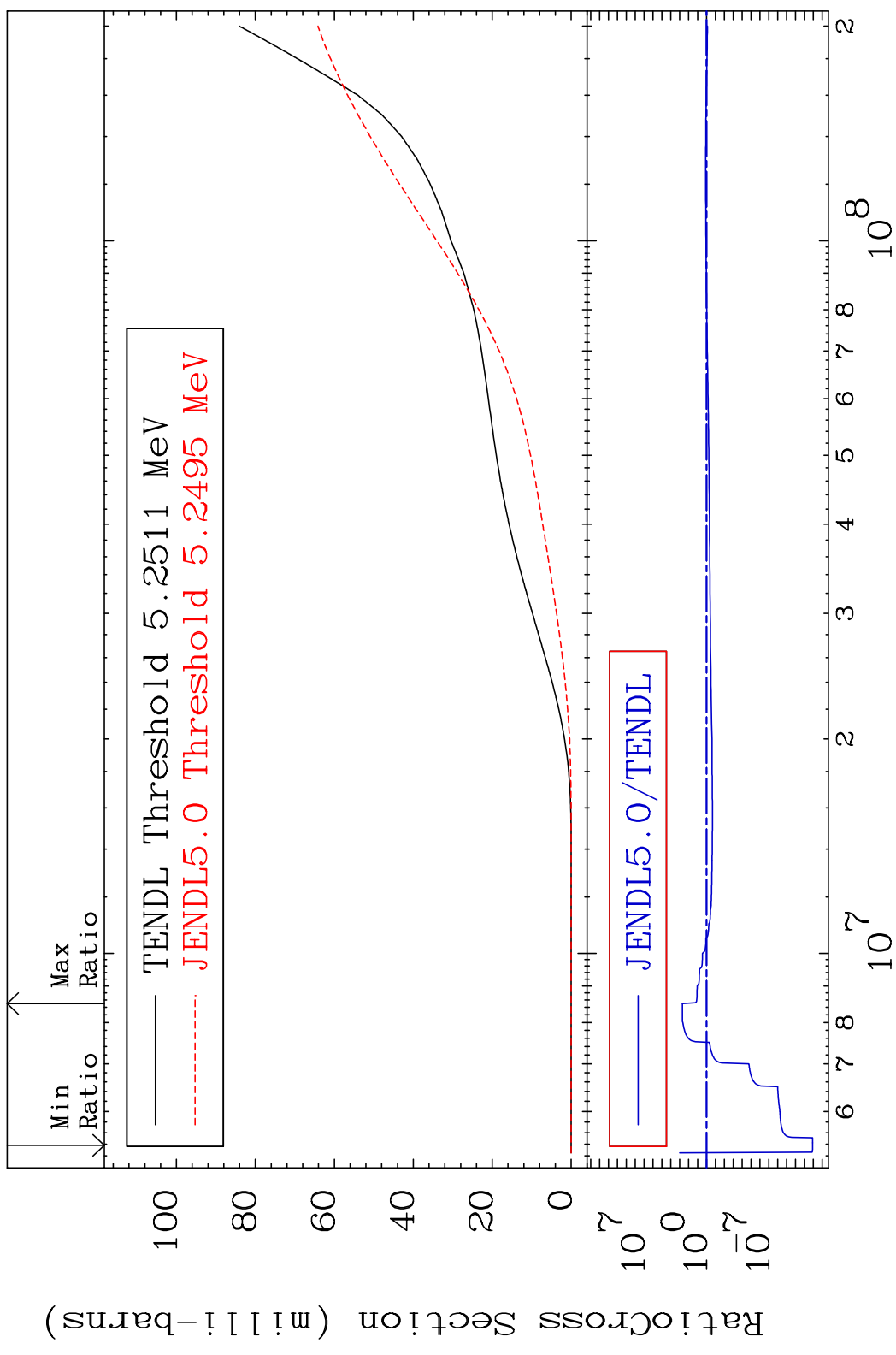


MAT 7925

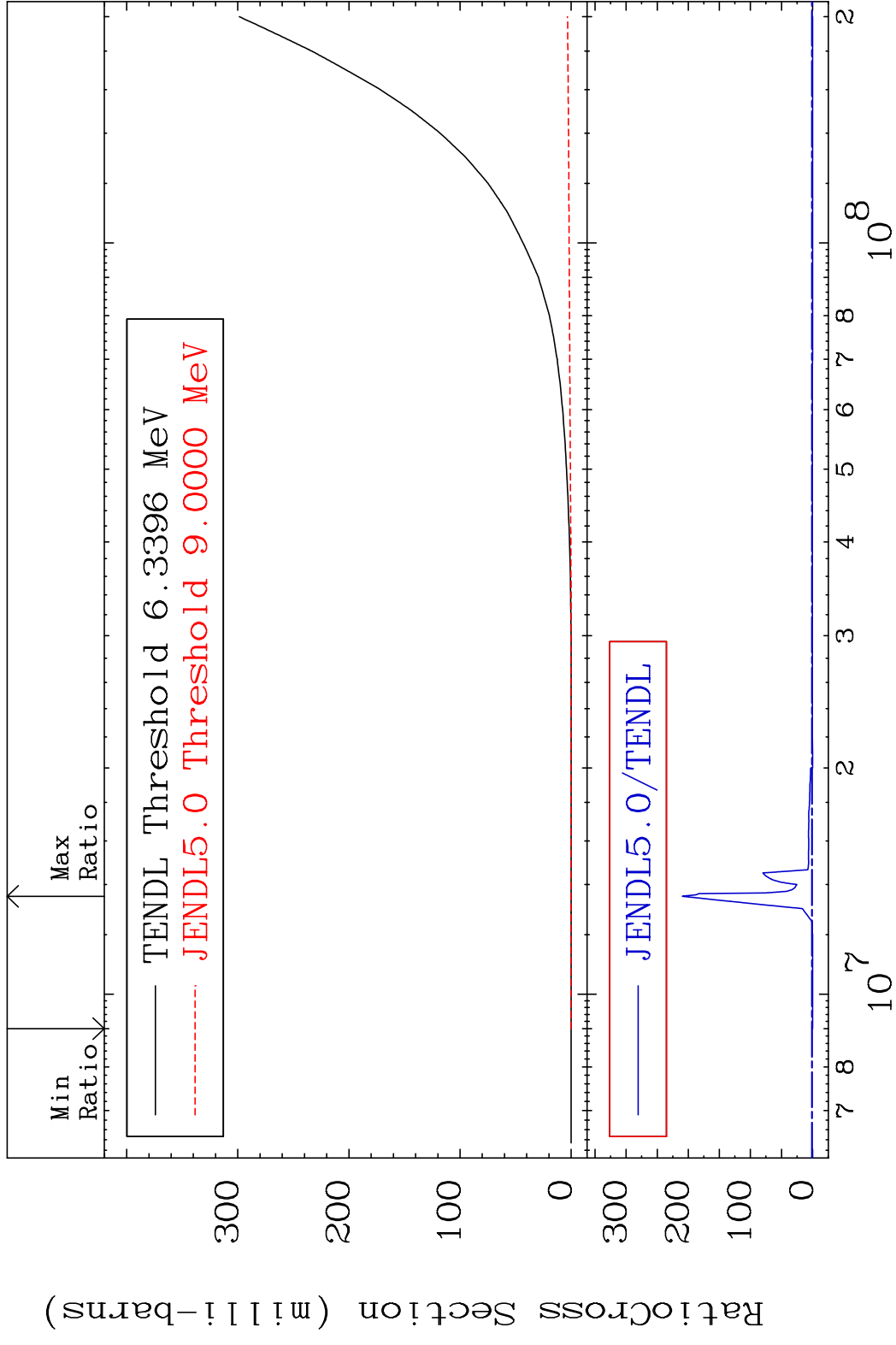
Tritium Production

79-Au-197

Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

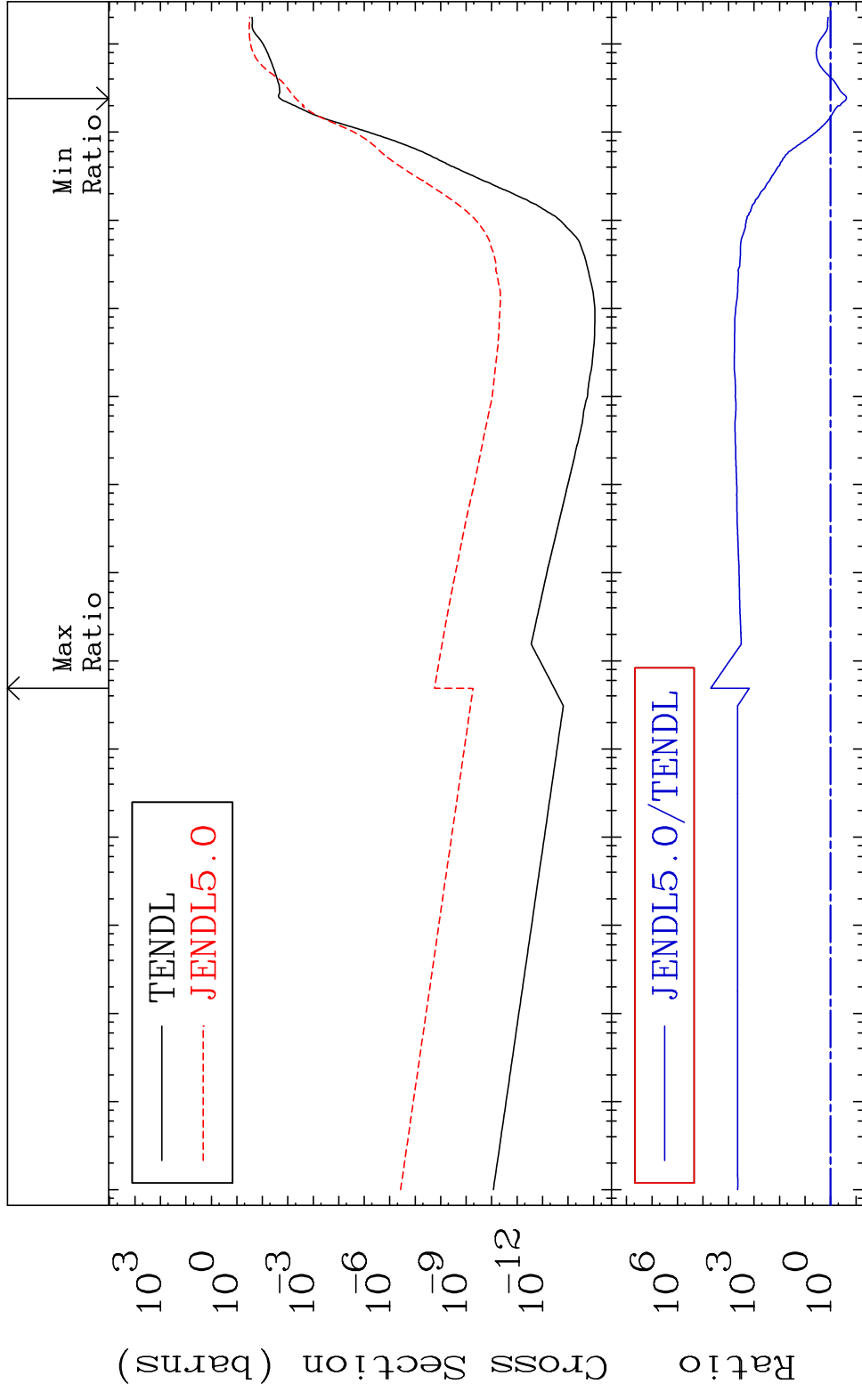


MAT 7925

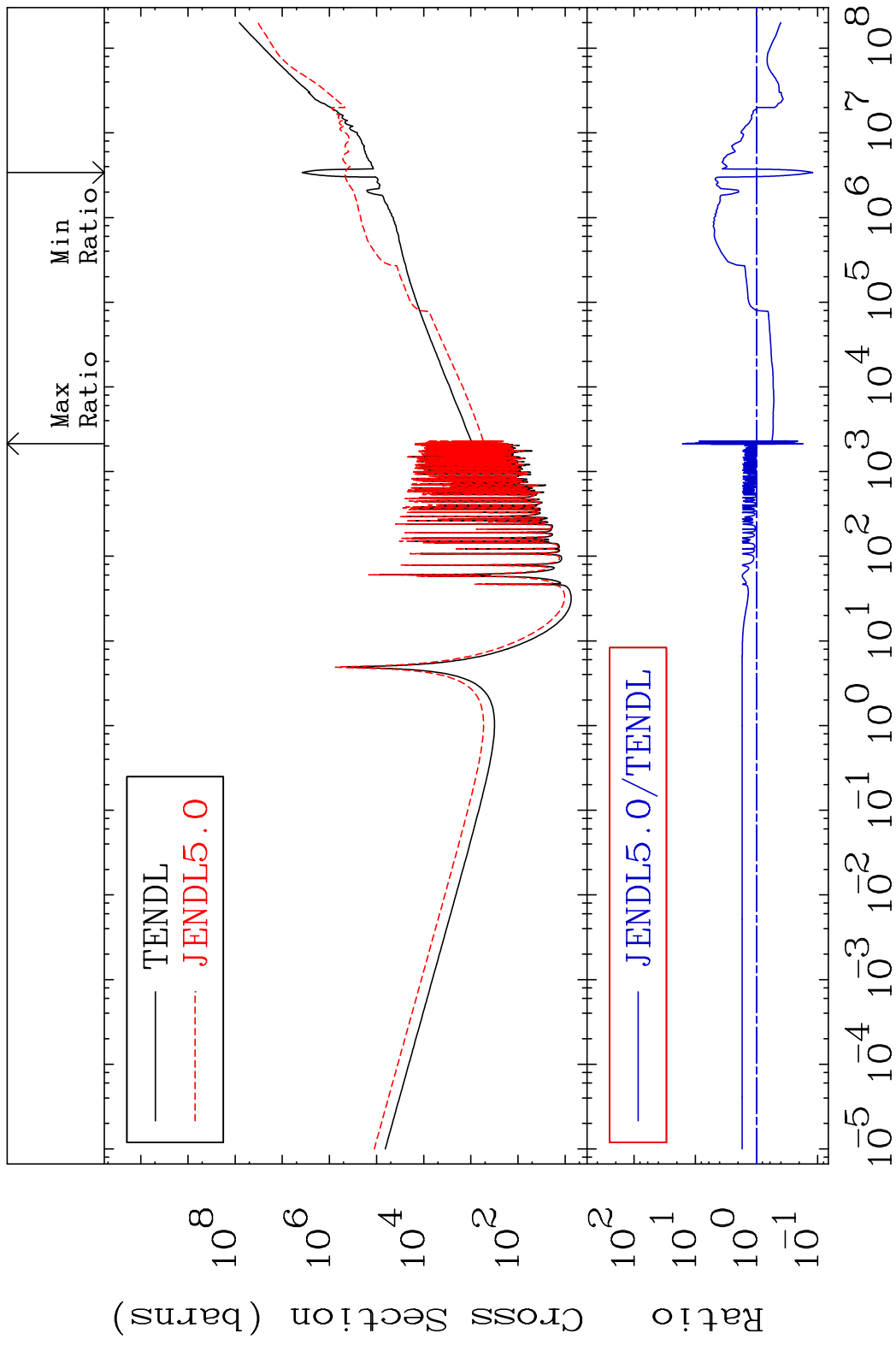
He-4 Production

79-Au-197

Cross Section -75.87 To 9999. %



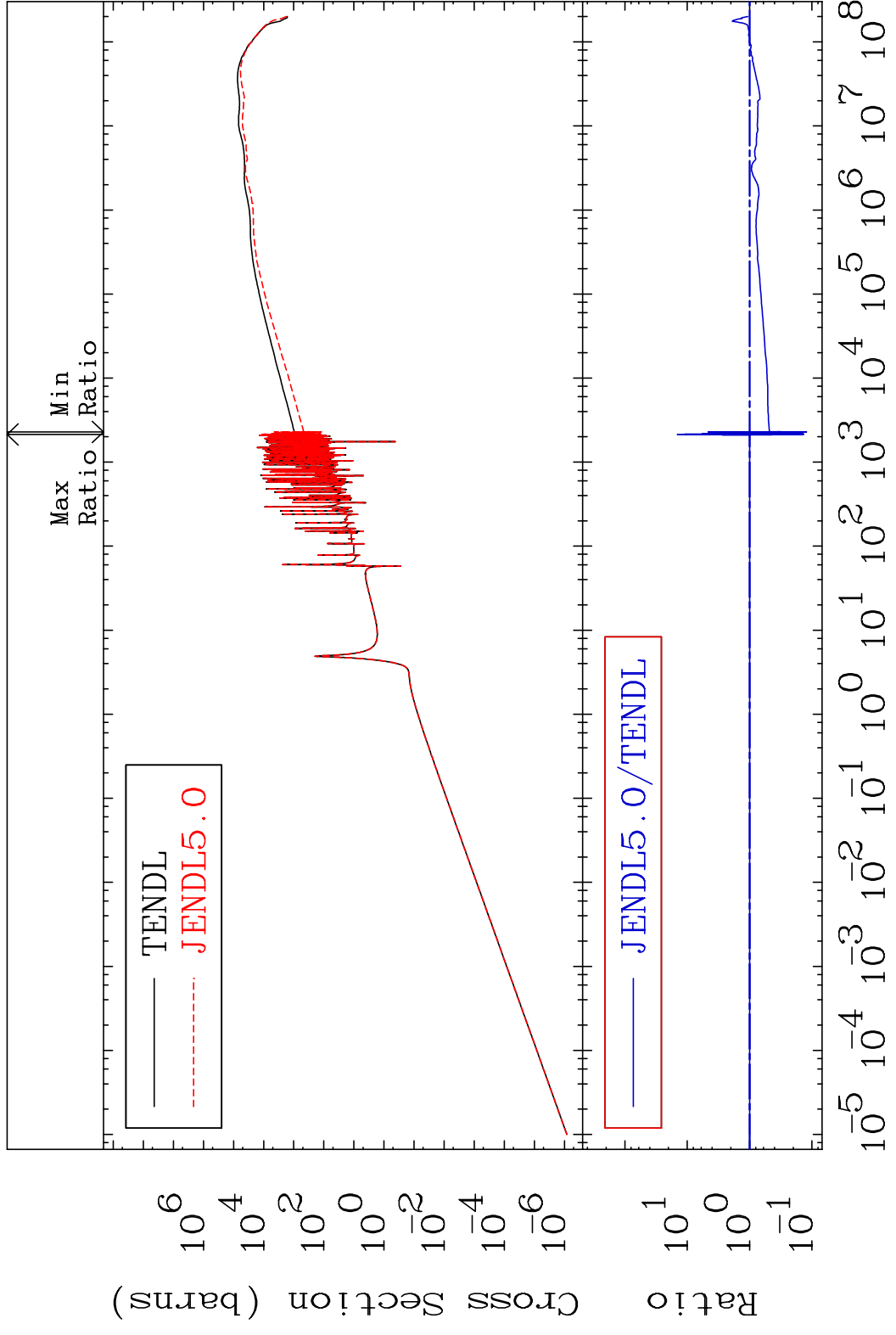
MAT 7925 Kerma total (eV-barns) 79-Au-197
 Cross Section -87.89 To 1529. %



MAT 7925

Kerma elastic
Cross Section

79-Au-197
-87.71 To 1351. %

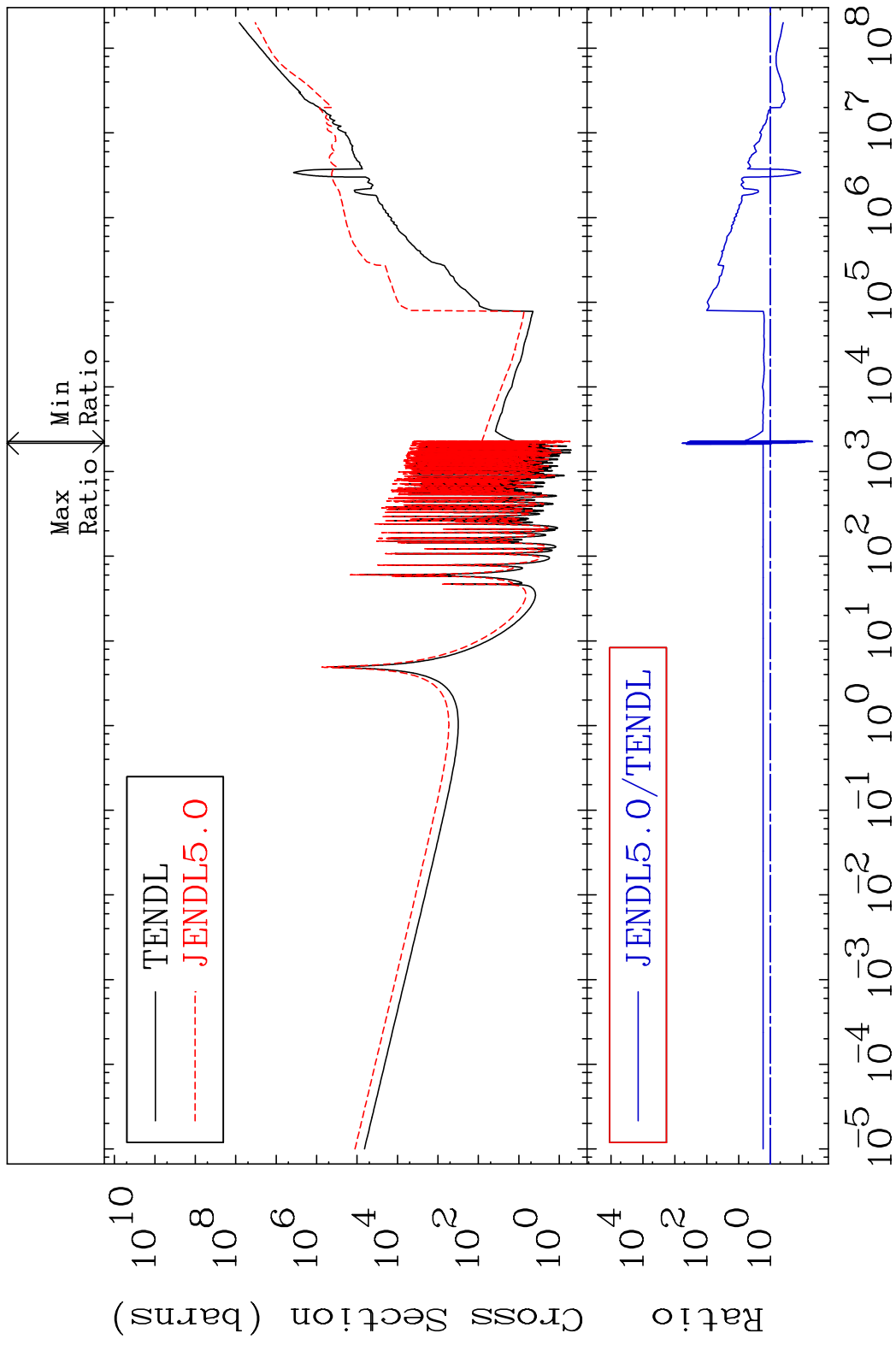


47

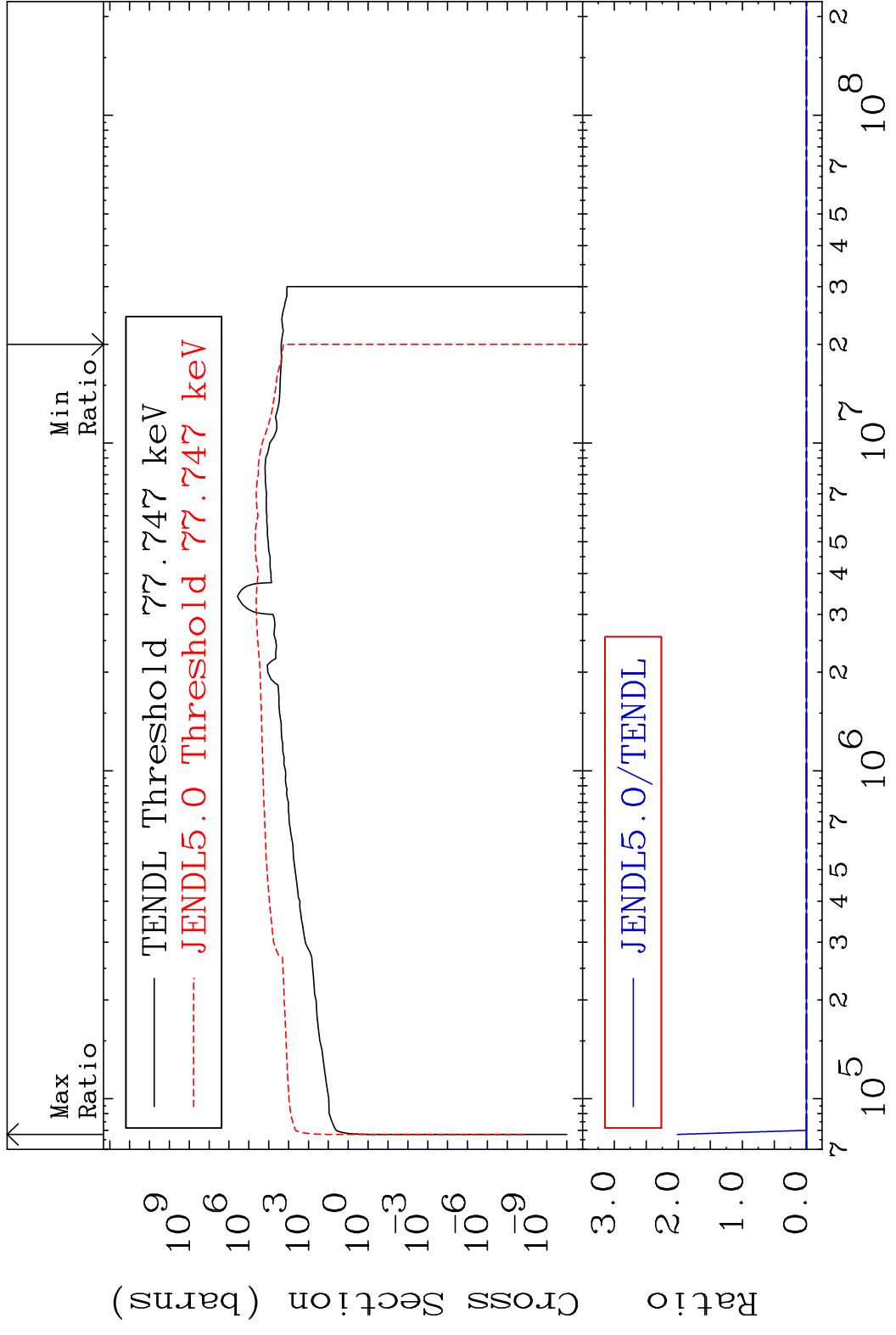
Incident Energy (eV)

79-Au-197

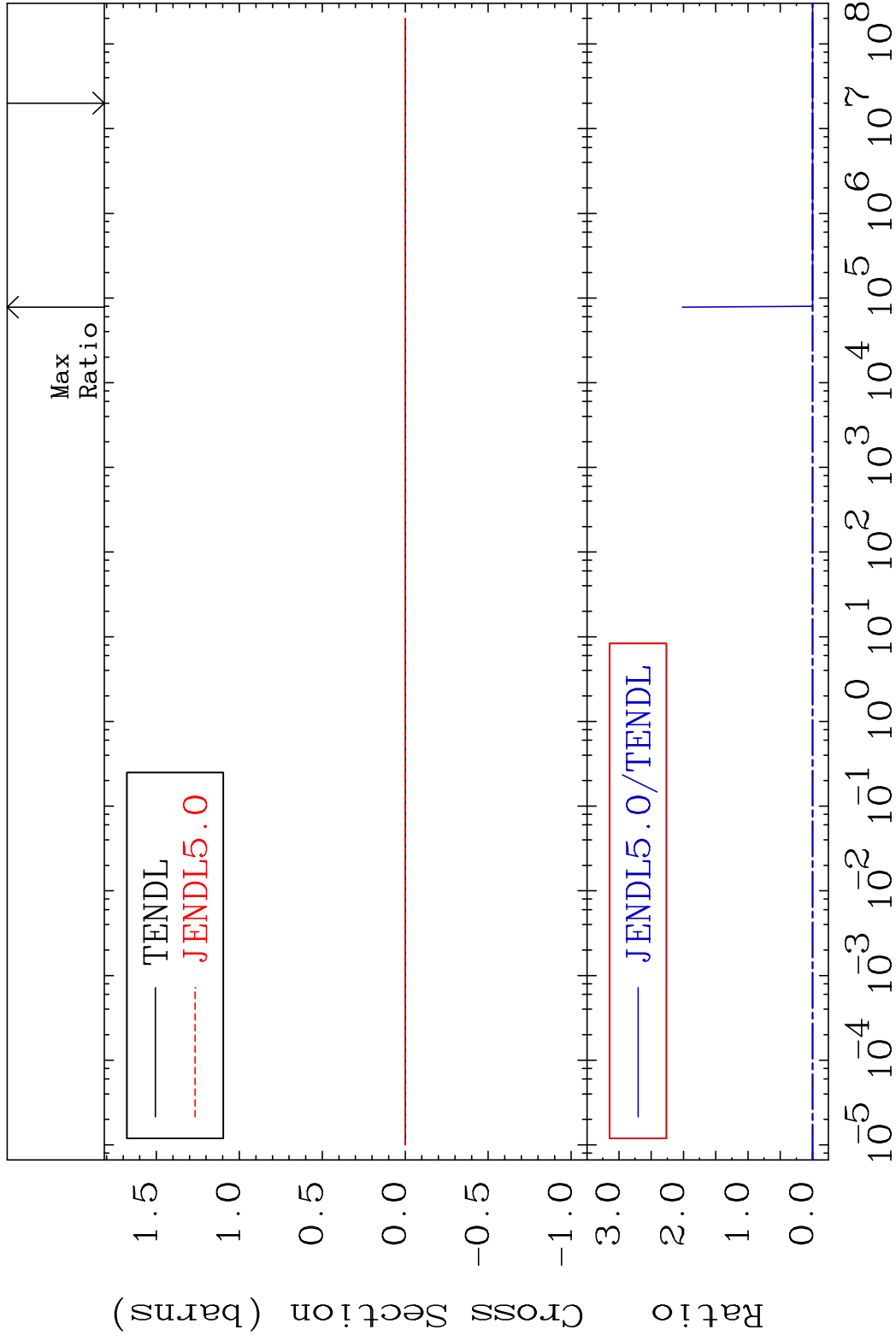
MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197
 Cross Section -95.19 To 9999. %



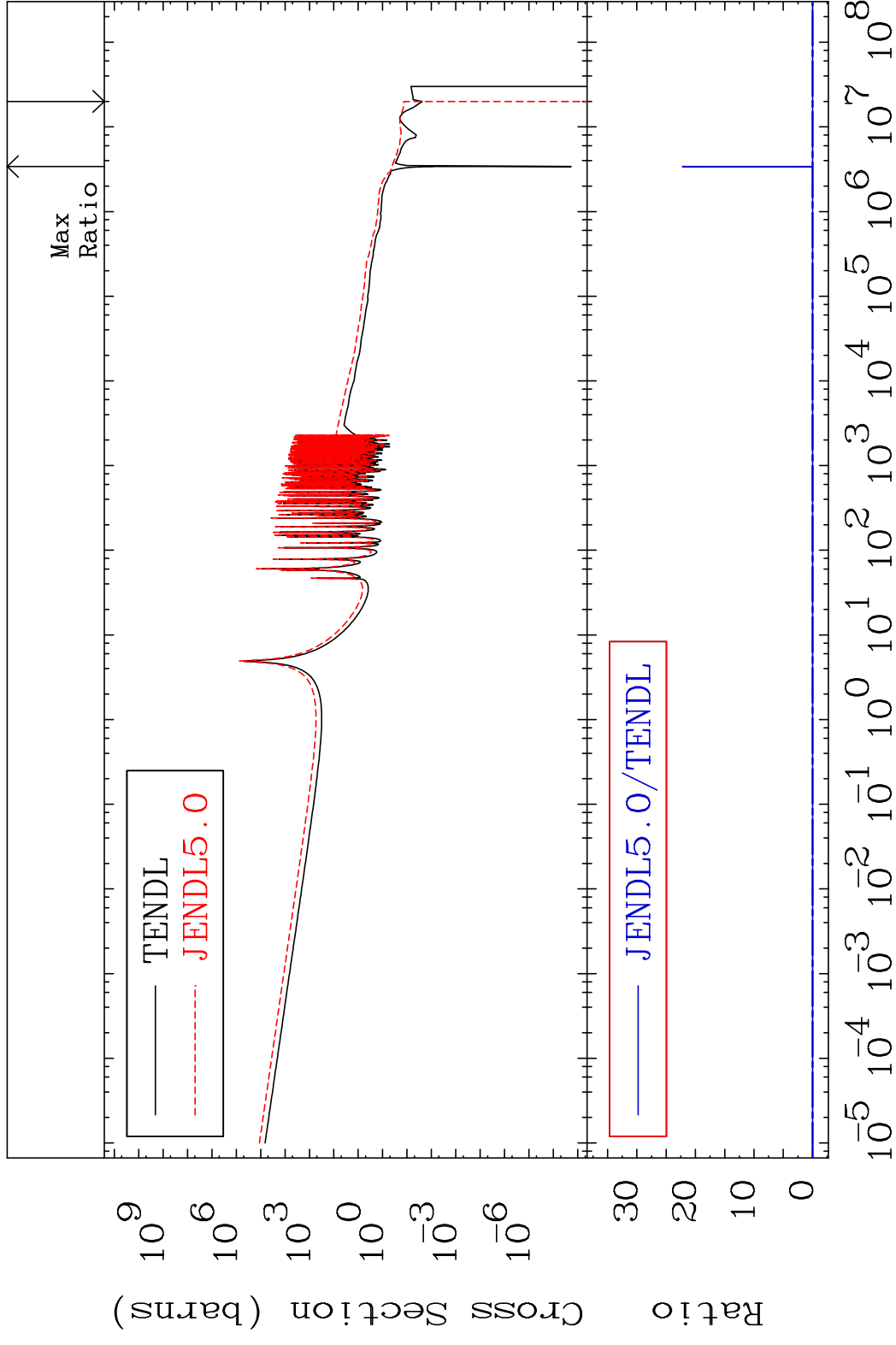
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197
 Cross Section -100.0 To 9999. %



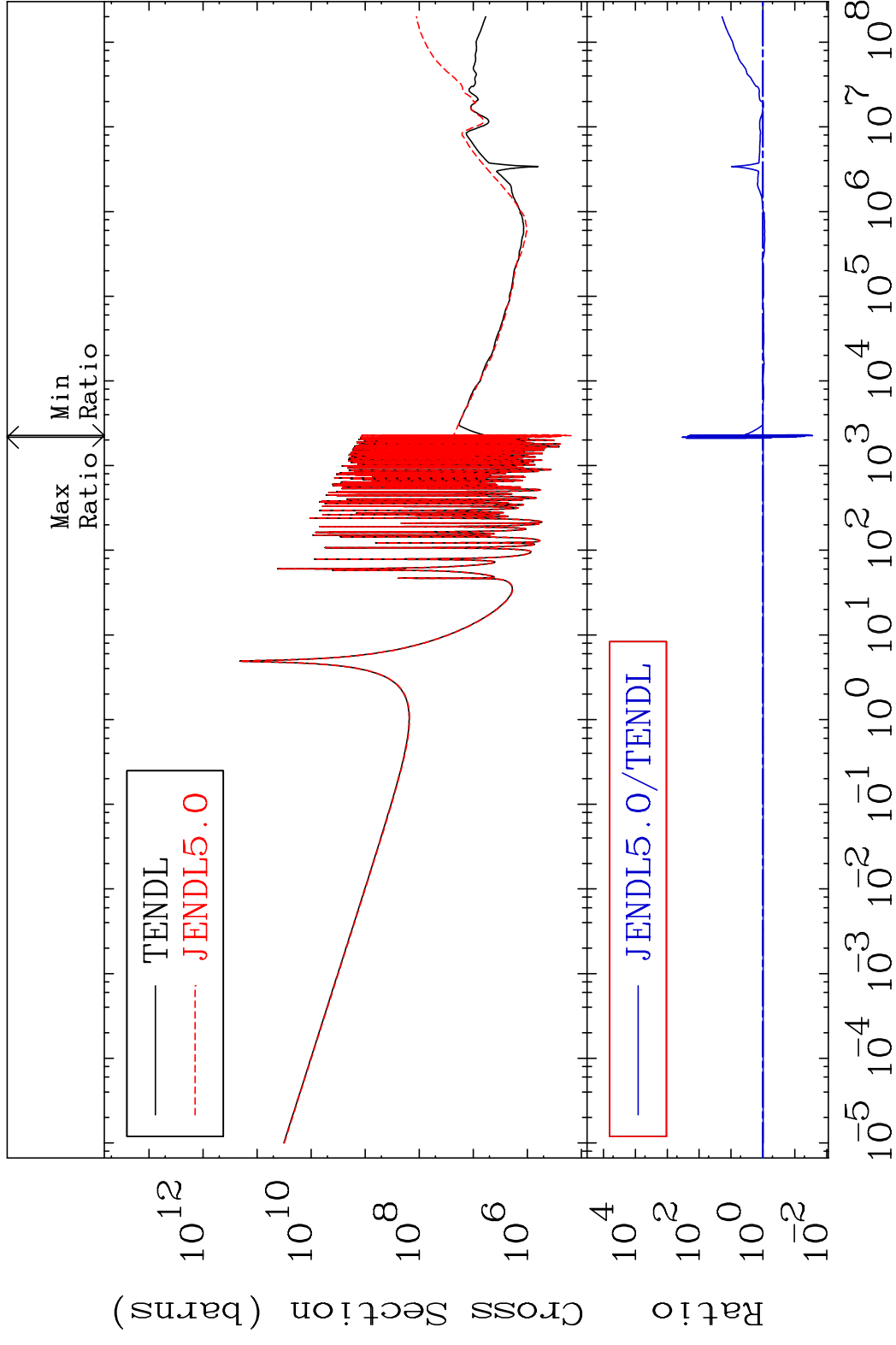
MAT 7925 Kerma fission (mt18 or mt19-20-21-38) 79-Au-197
 Cross Section -100.0 To 9999. %



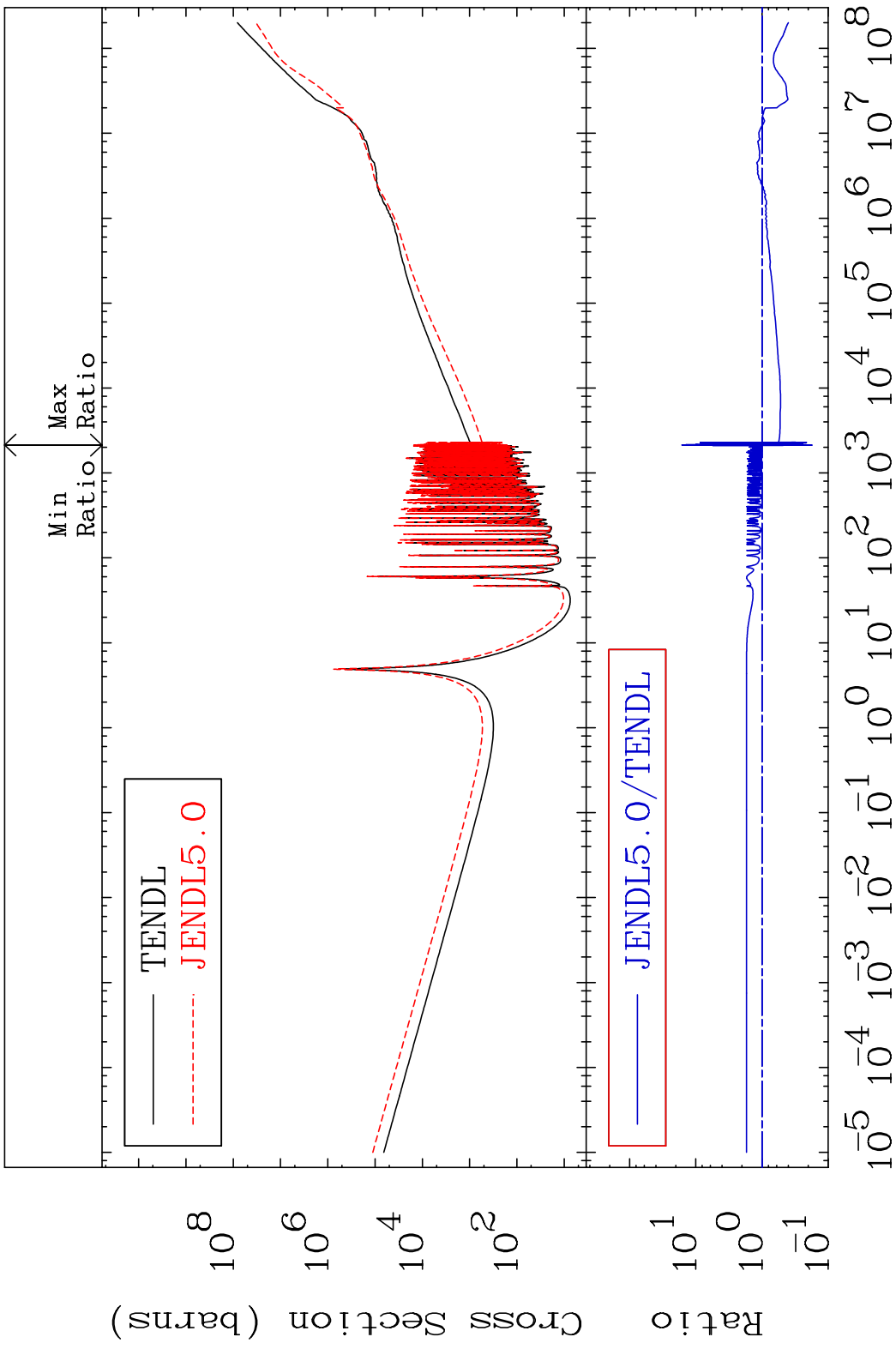
MAT 7925 Kerma capture (mt102) 79-Au-197
 Cross Section -100.0 To 9999. %



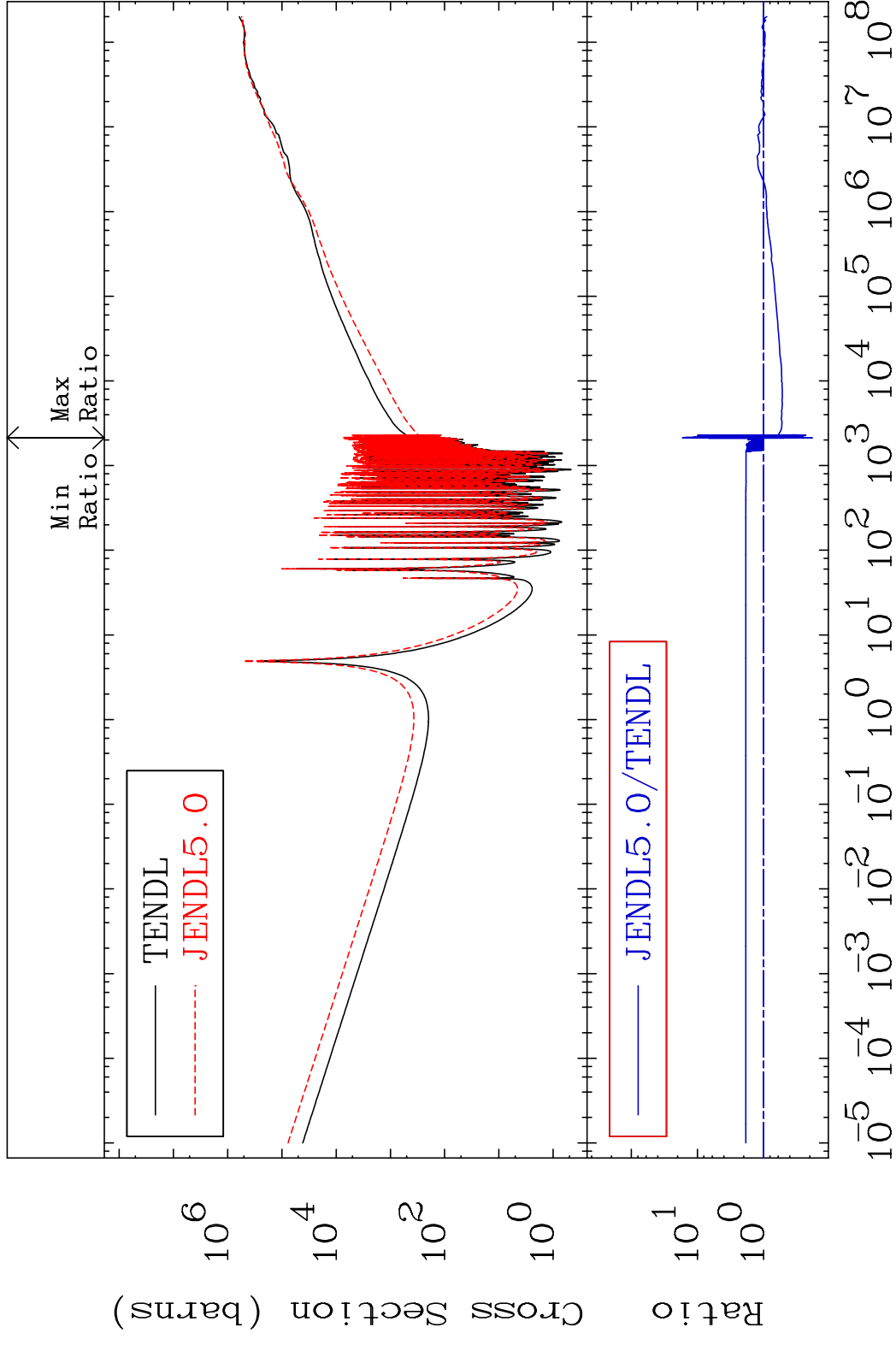
MAT 7925 Total photon (eV-barns) 79-Au-197
 Cross Section -97.23 To 9999. %



MAT 7925 Total kinematic kerma (high limit) 79-Au-197
Cross Section -82.66 To 1529. %



Cross Section -81.85 To 1594. %

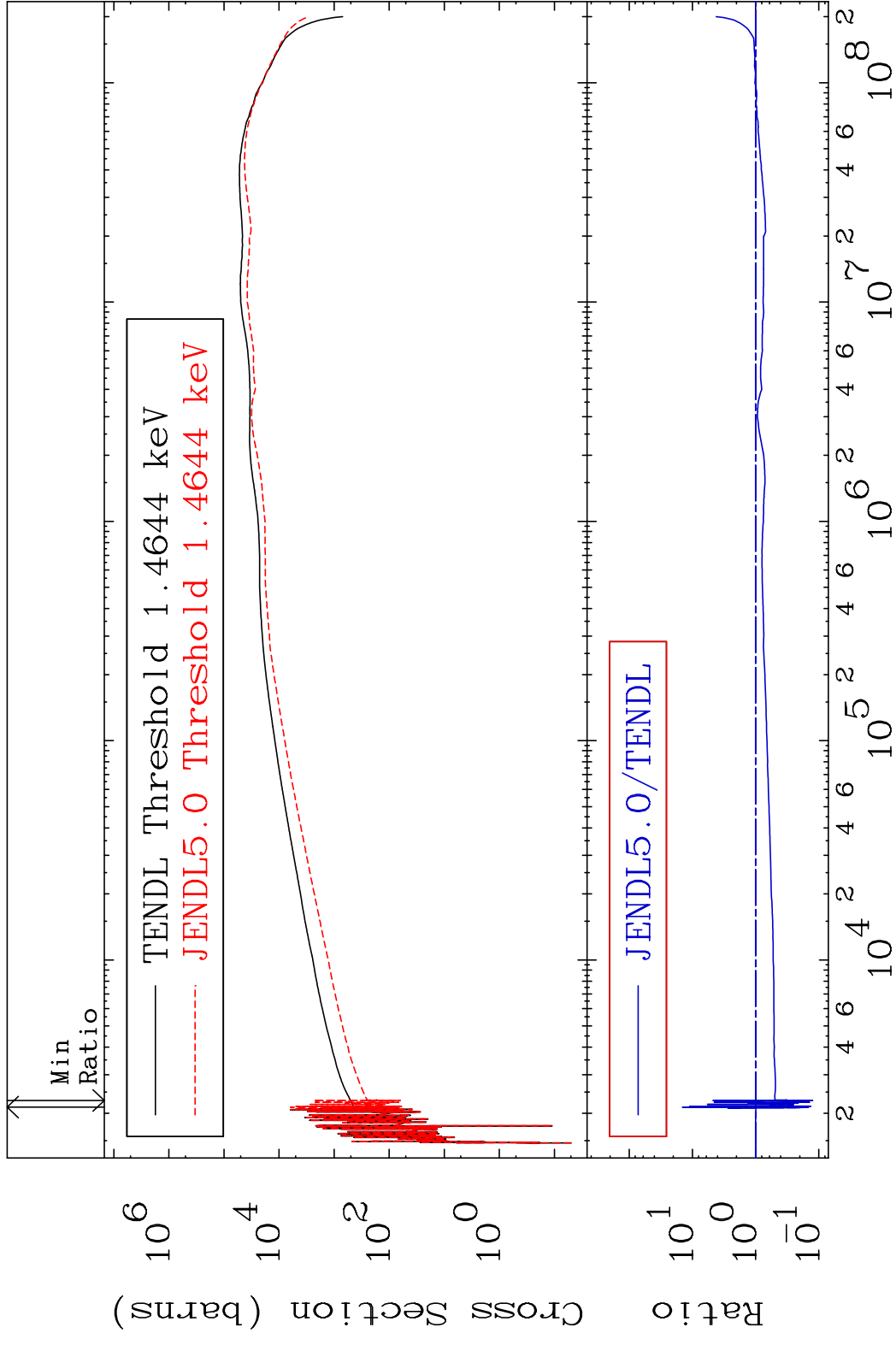


MAT 7925

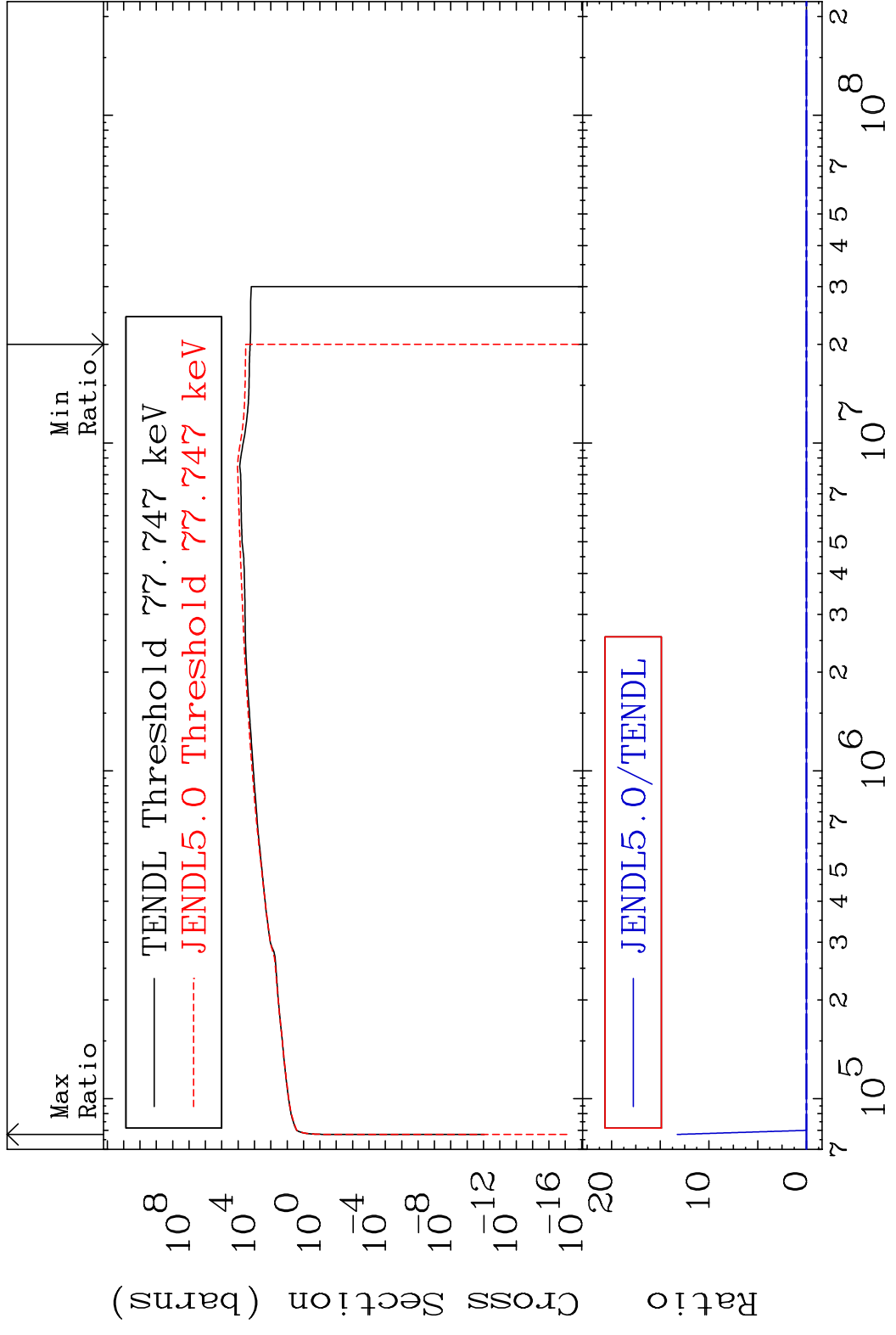
Dpa elastic (mt2)

79-Au-197

Cross Section -87.47 To 1339. %



MAT 7925 Dpa inelastic (mt51-91) 79-Au-197
 Cross Section -100.0 To 9999. %



MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197
Cross Section -100.0 To 9999. %

