

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

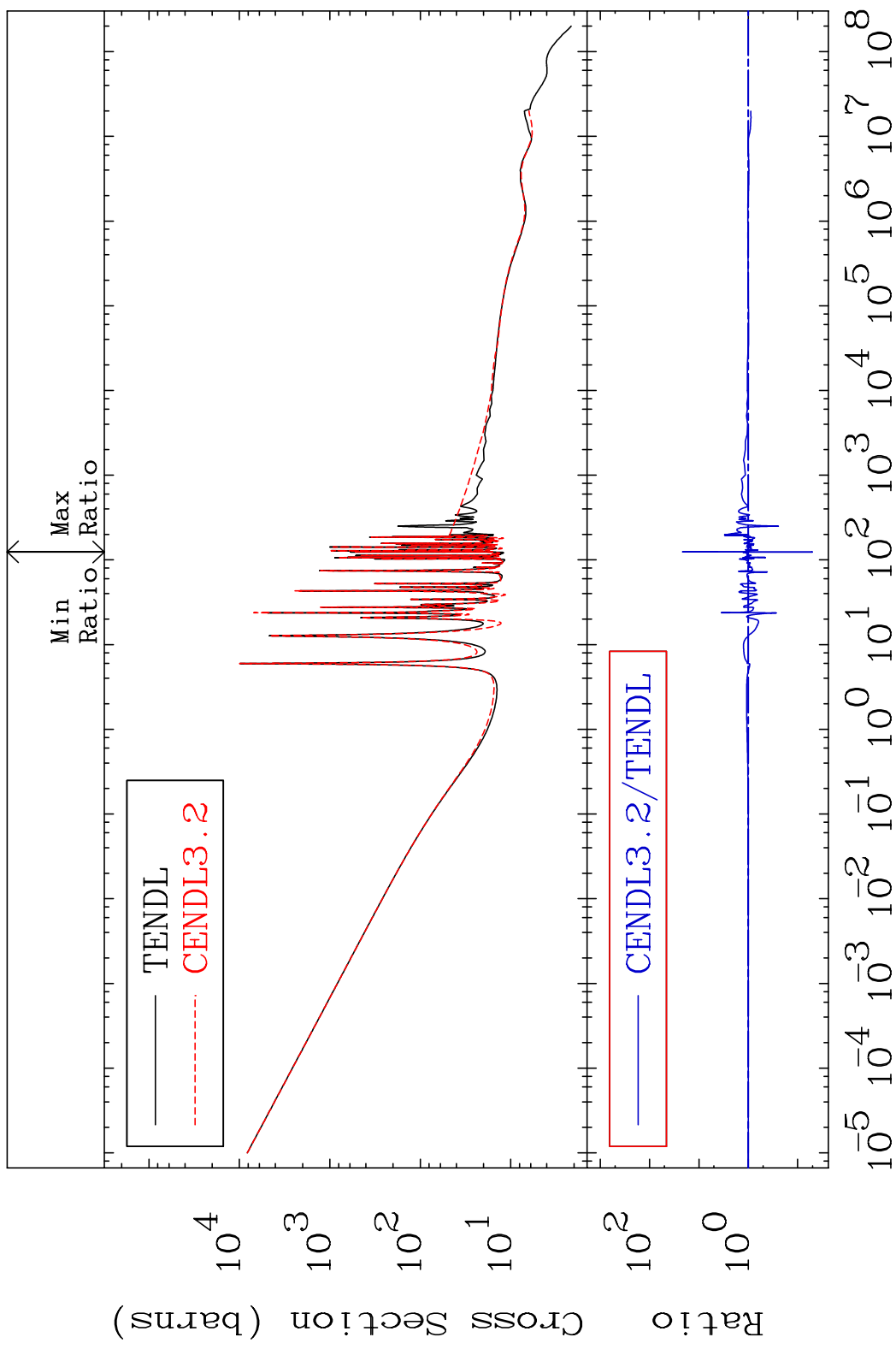
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9219

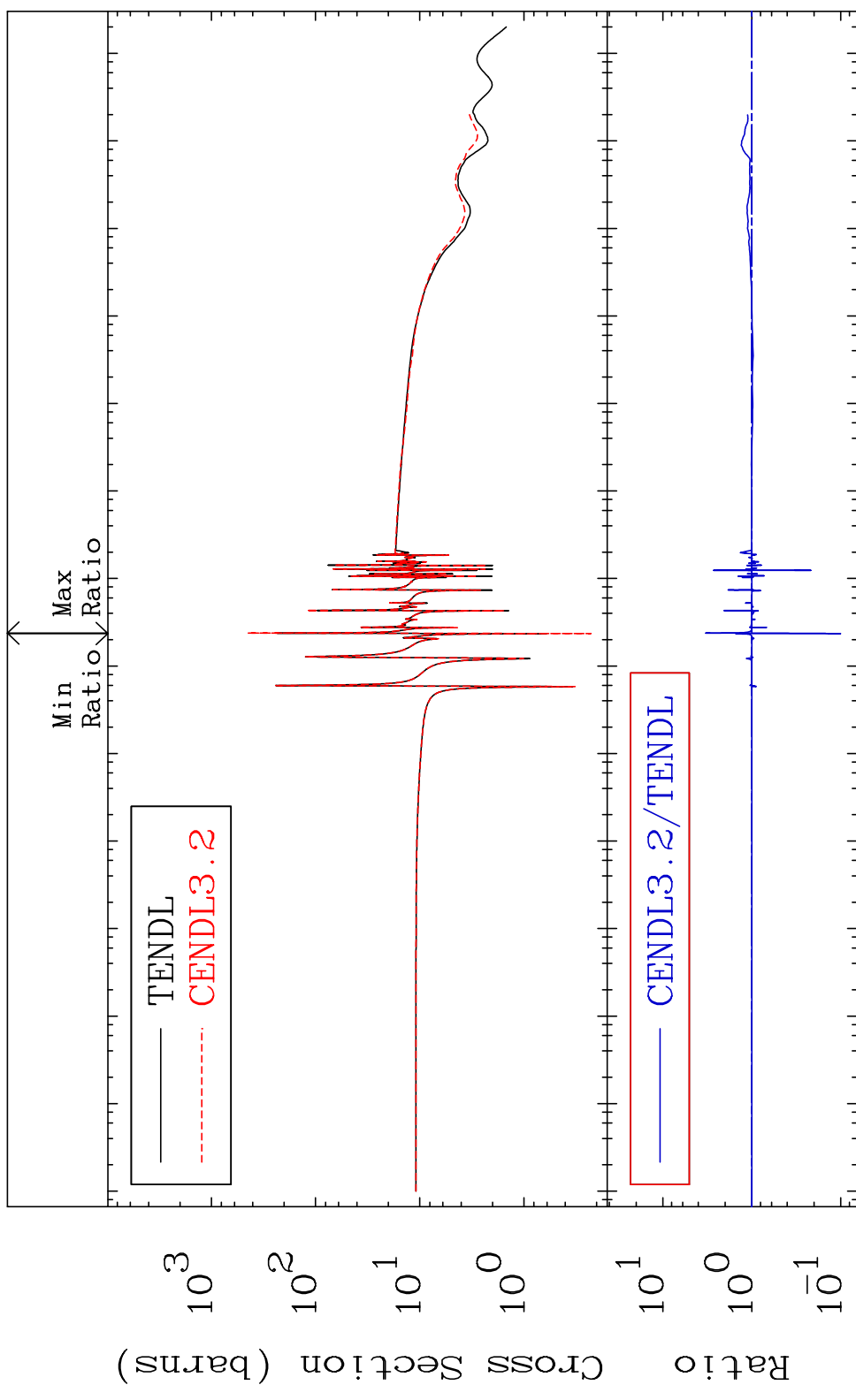
Total Cross Section -95.01 To 2071. %
92-U -232



1 Incident Energy (eV) 92-U -232

MAT 9219

Elastic Cross Section -89.90 To 229.8 %
92-U -232



2

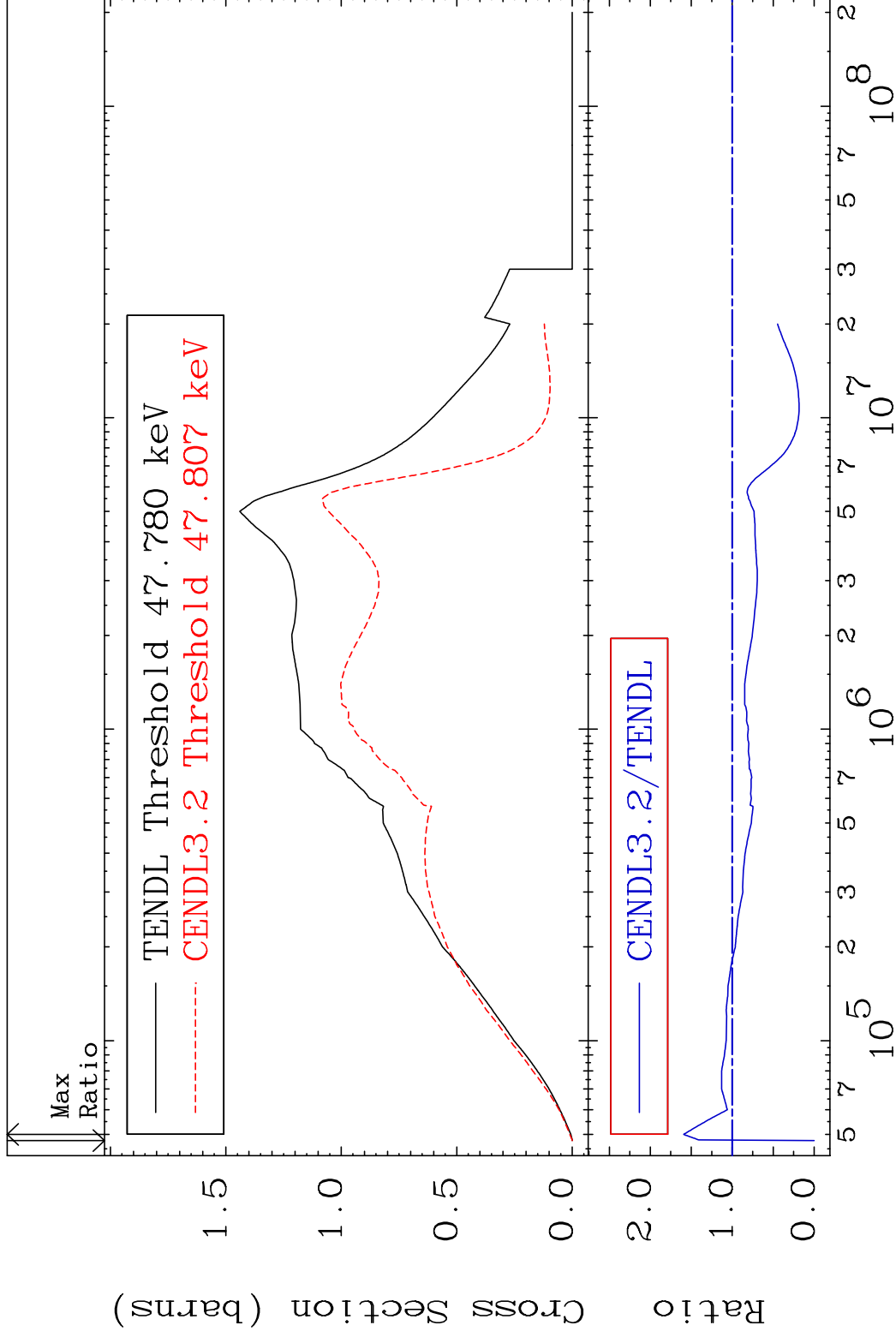
Incident Energy (eV) 92-U -232

MAT 9219

Inelastic

92-U -232

Cross Section -100.0 To 59.26 %



3

Incident Energy (eV)

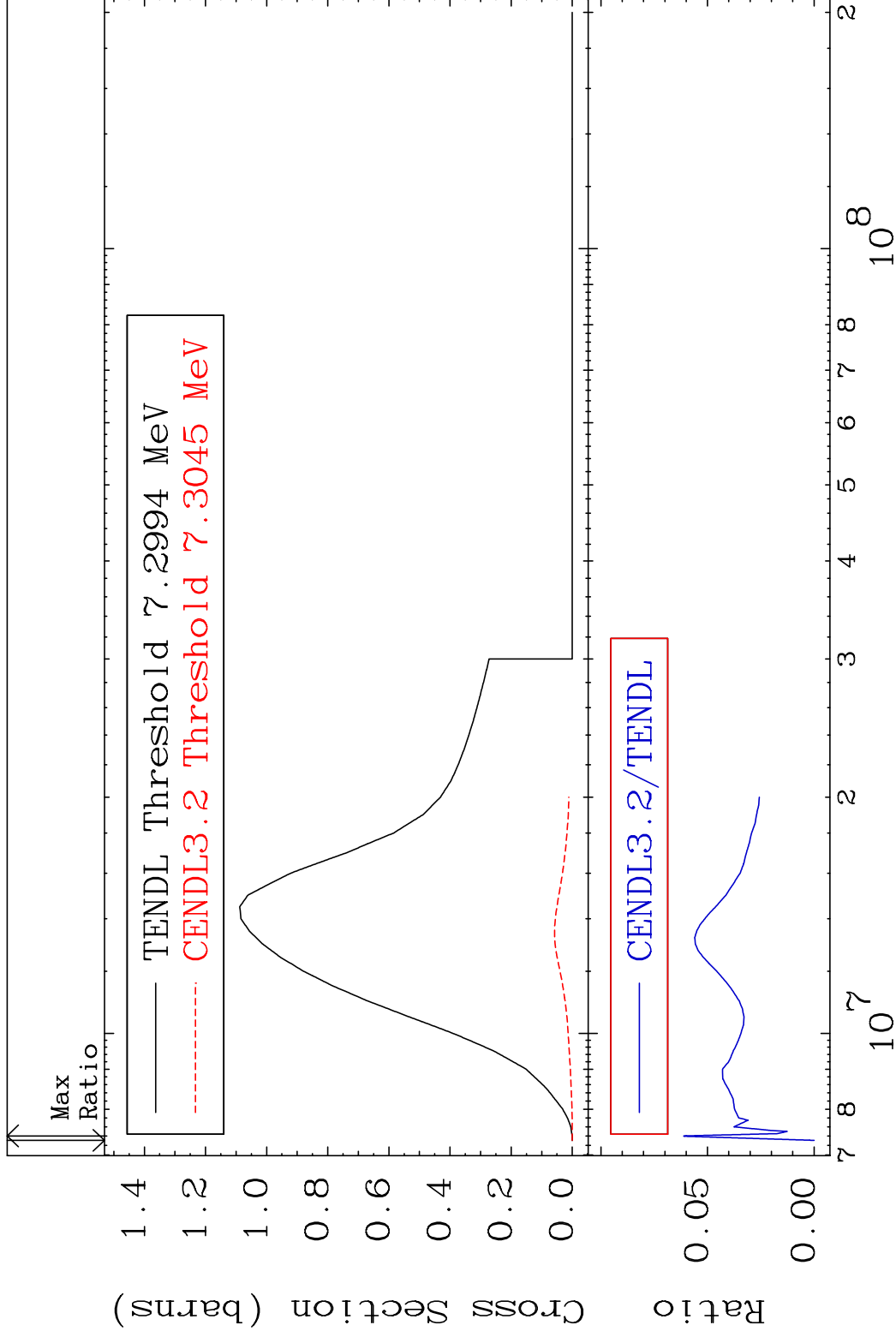
92-U -232

MAT 9219

(n,2n)

92-U -232

Cross Section -100.0 To -93.88%



4

Incident Energy (eV)

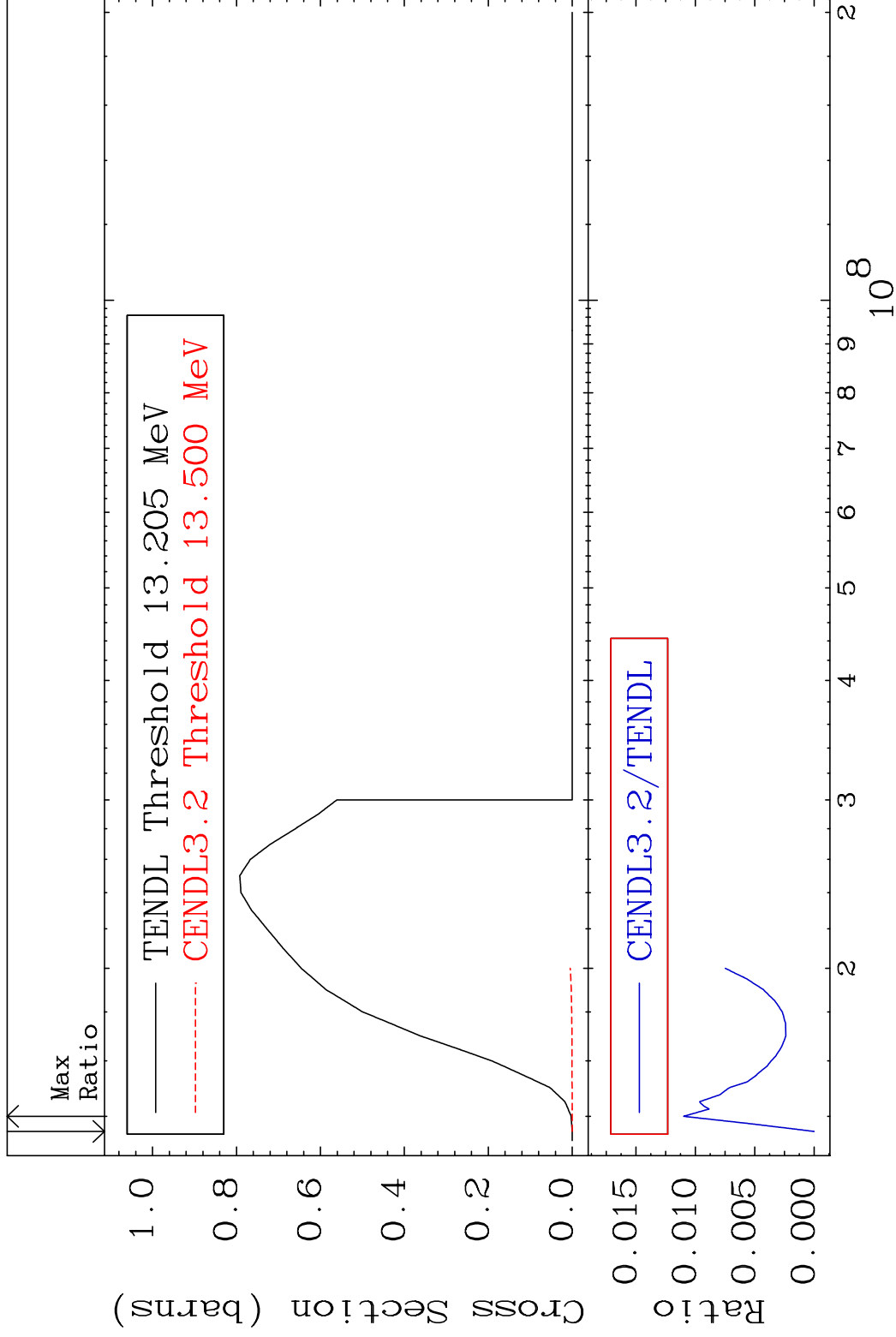
92-U -232

MAT 9219

(n,3n)

92-U -232

Cross Section -100.0 To -98.90%



5

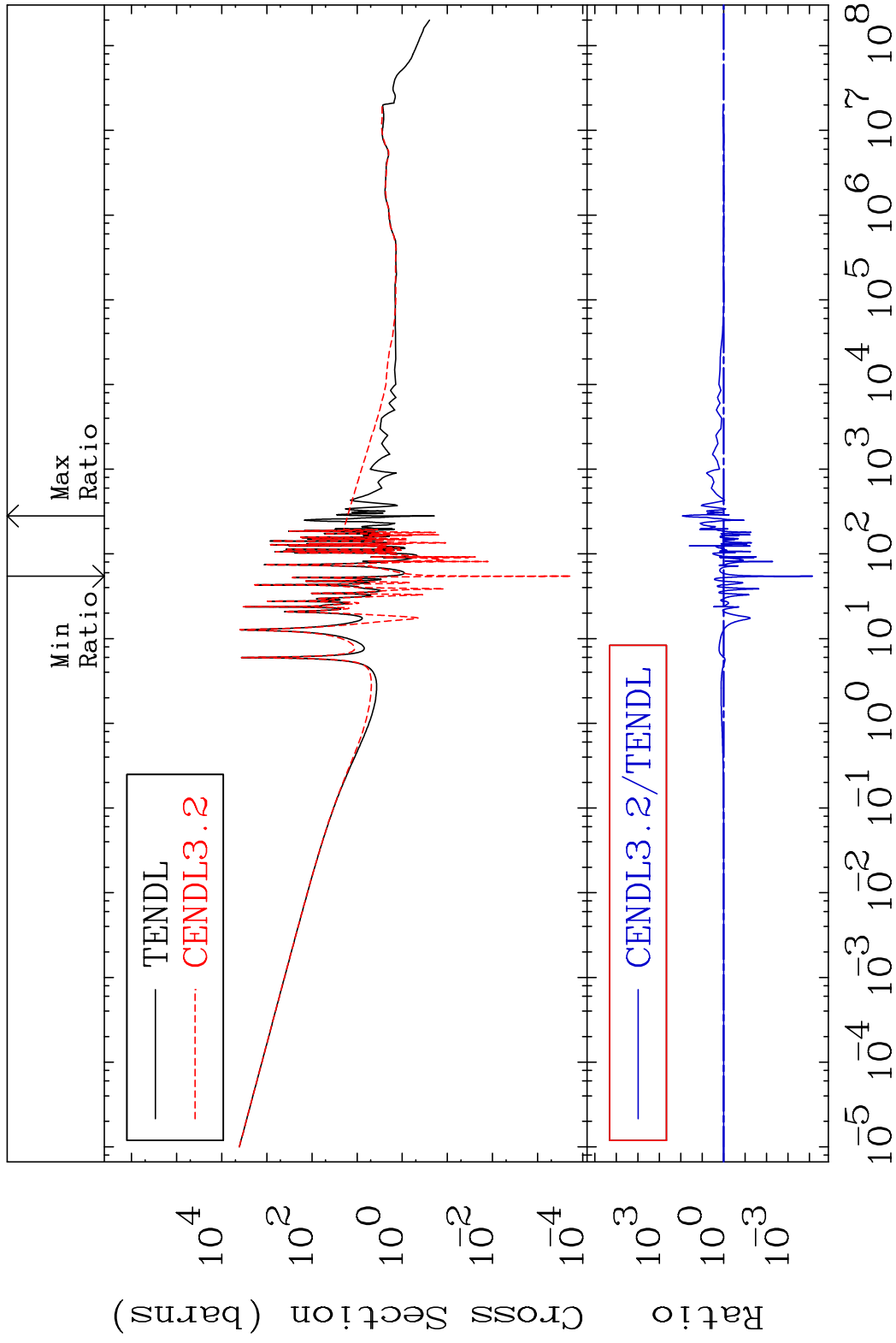
Incident Energy (eV)

92-U -232

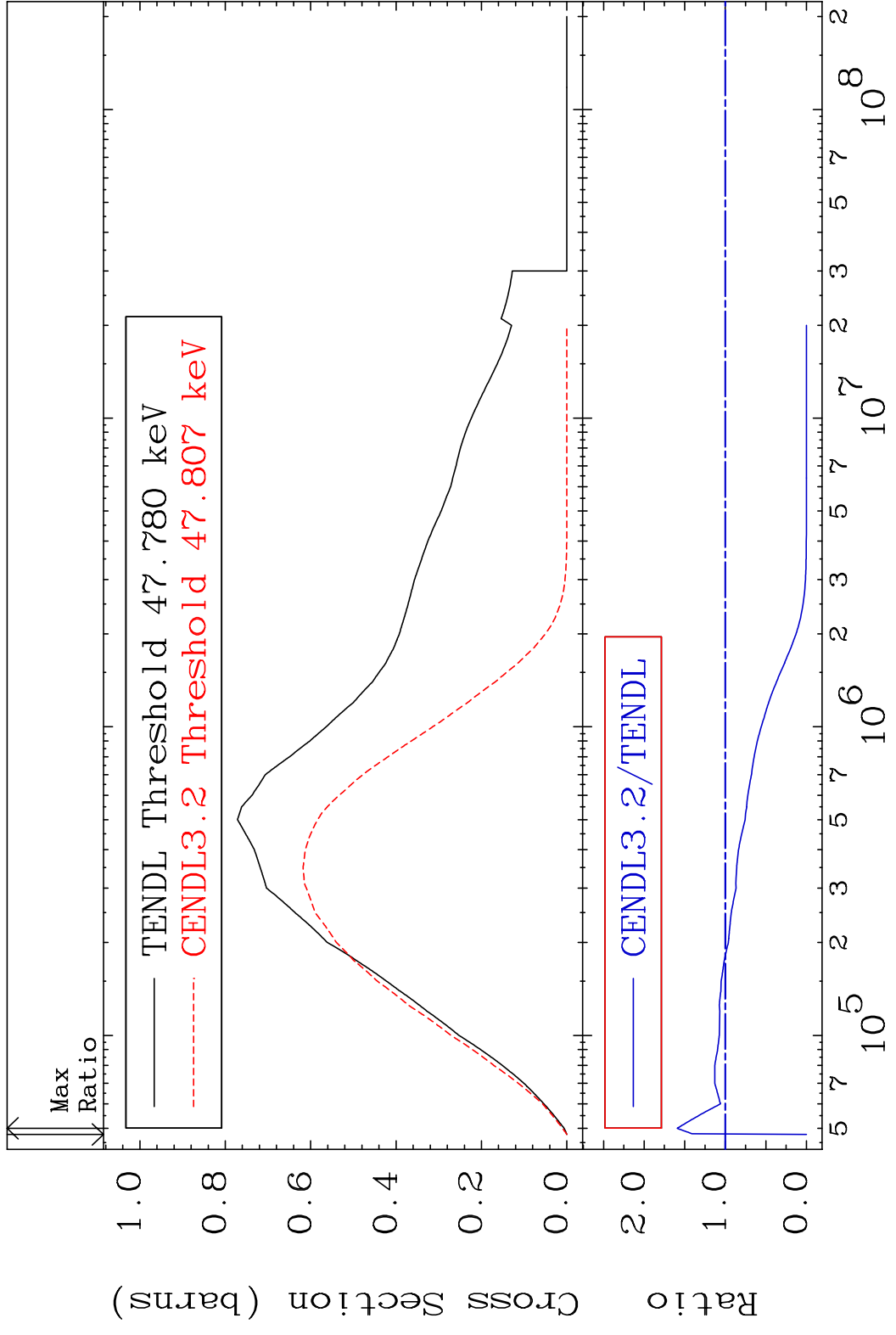
MAT 9219

Fission
Cross Section -99.99 To 8305. %

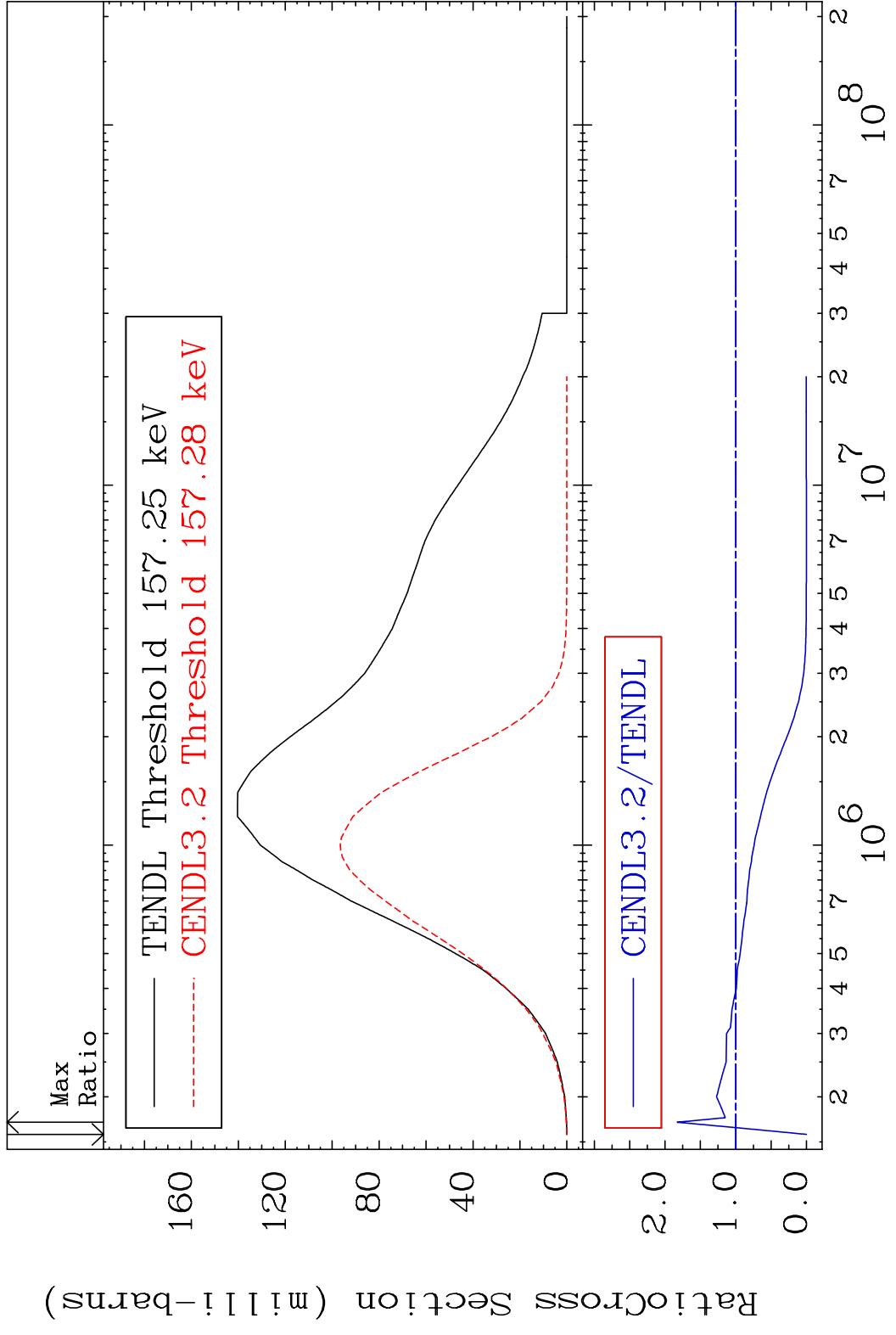
92-U -232



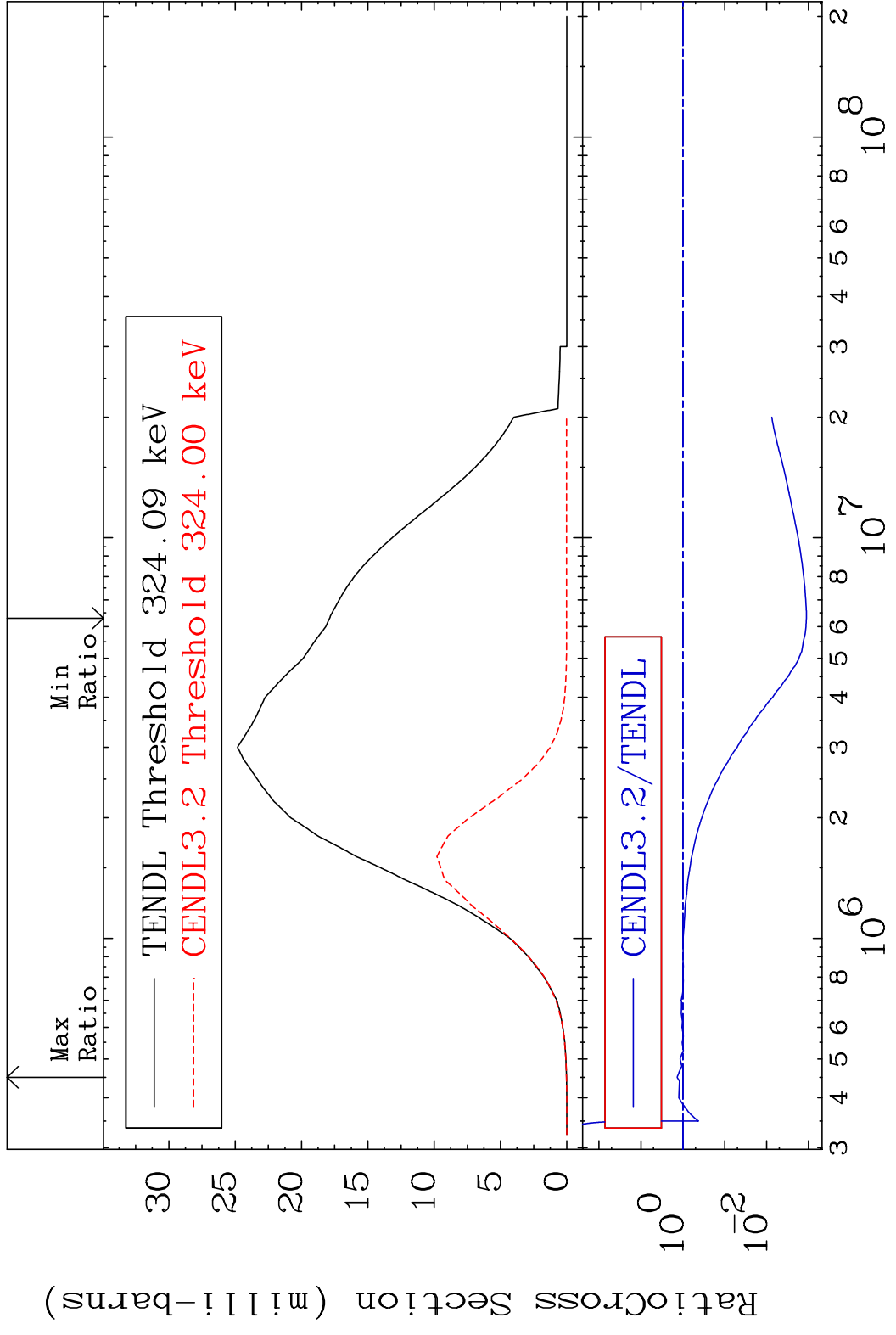
MAT 9219 MT= 51 (n,n') Level 92-U -232
 Cross Section -100.0 To 59.26 %



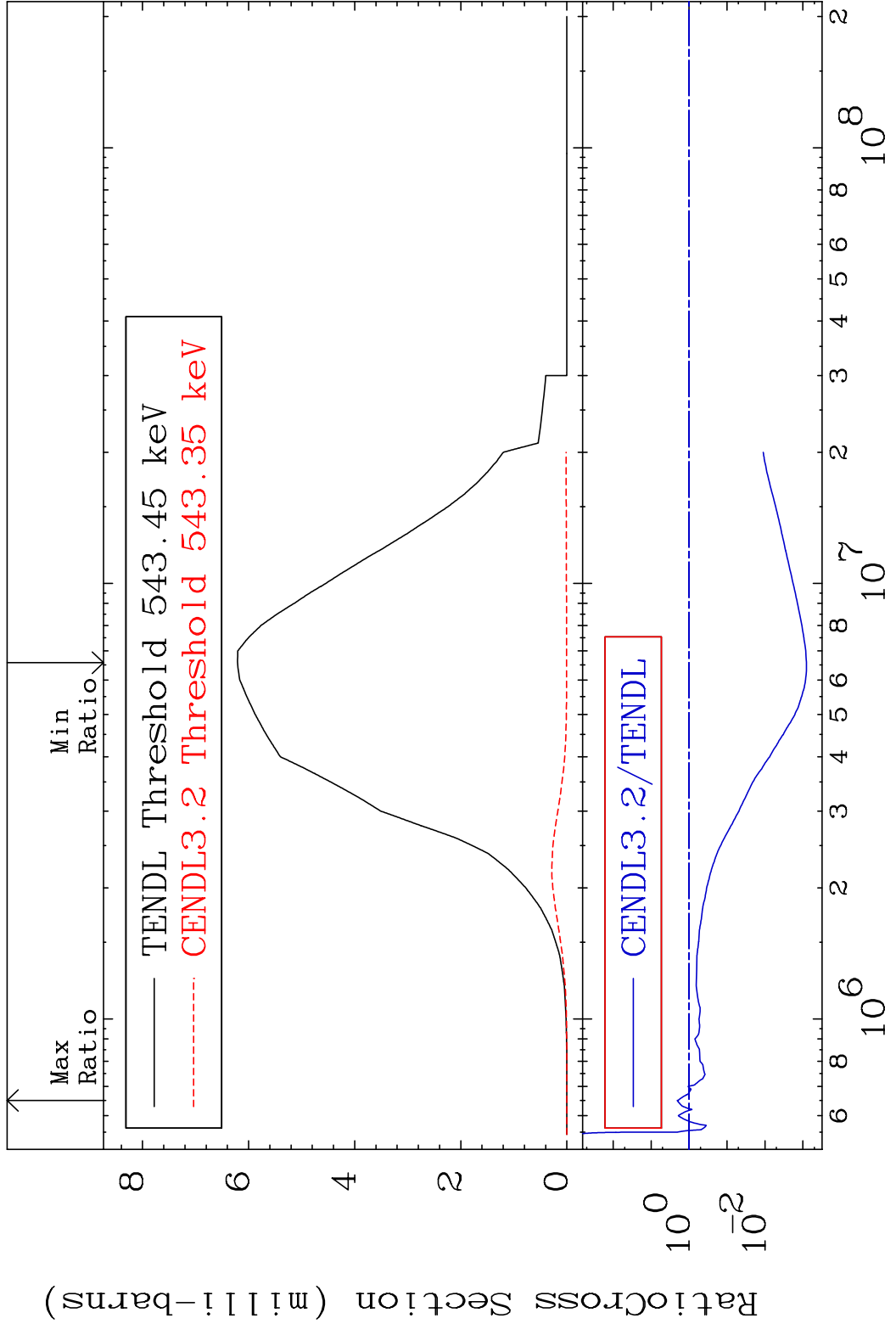
MAT 9219 MT= 52 (n,n') Level 92-U -232
 Cross Section -100.0 To 82.85 %



MAT 9219 MT= 53 (n, n') Level 92-U -232
 Cross Section -99.89 To 36.48 %

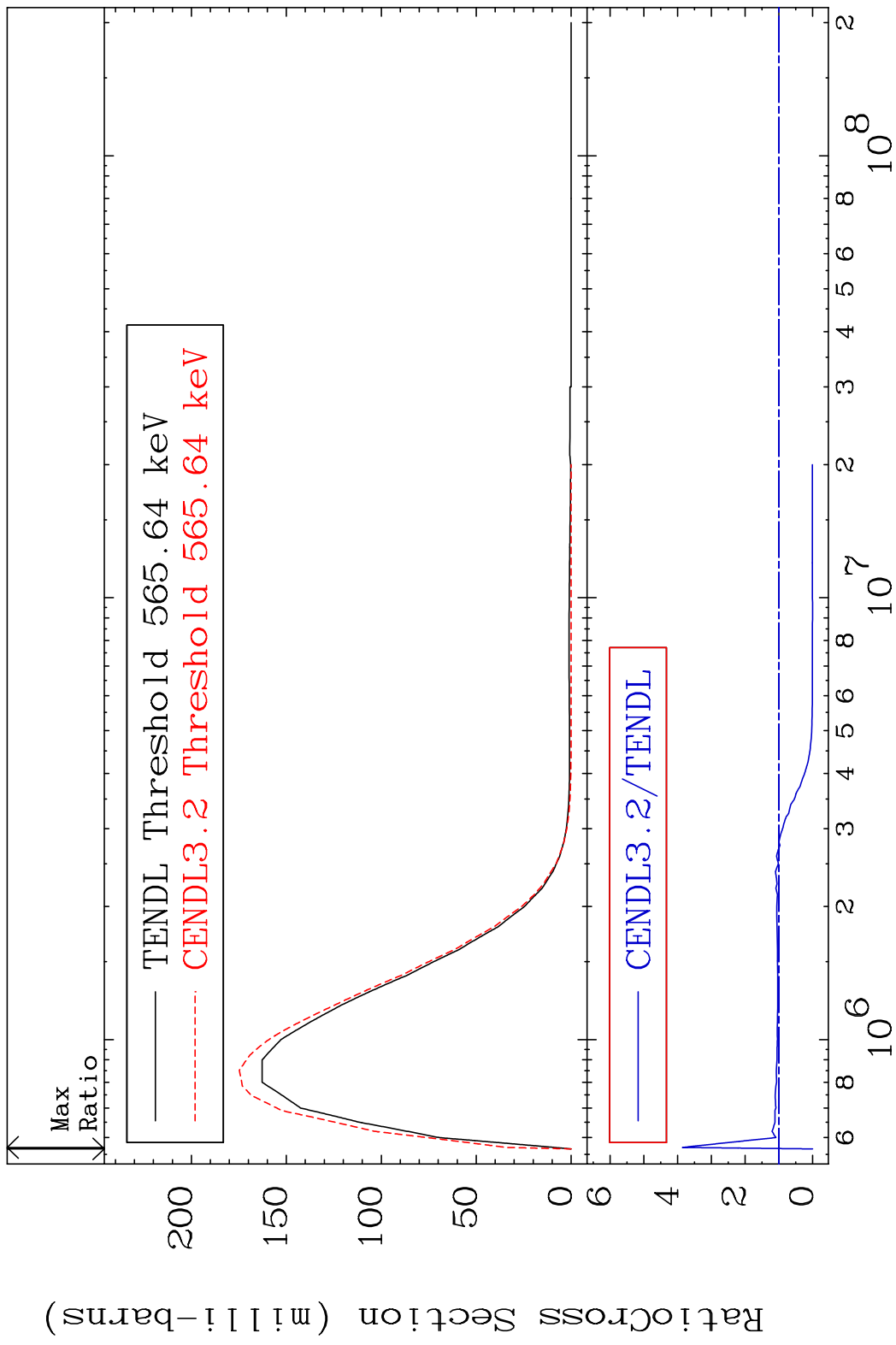


MAT 9219 MT= 54 (n, n') Level 92-U -232
 Cross Section -99.92 To 105.8 %

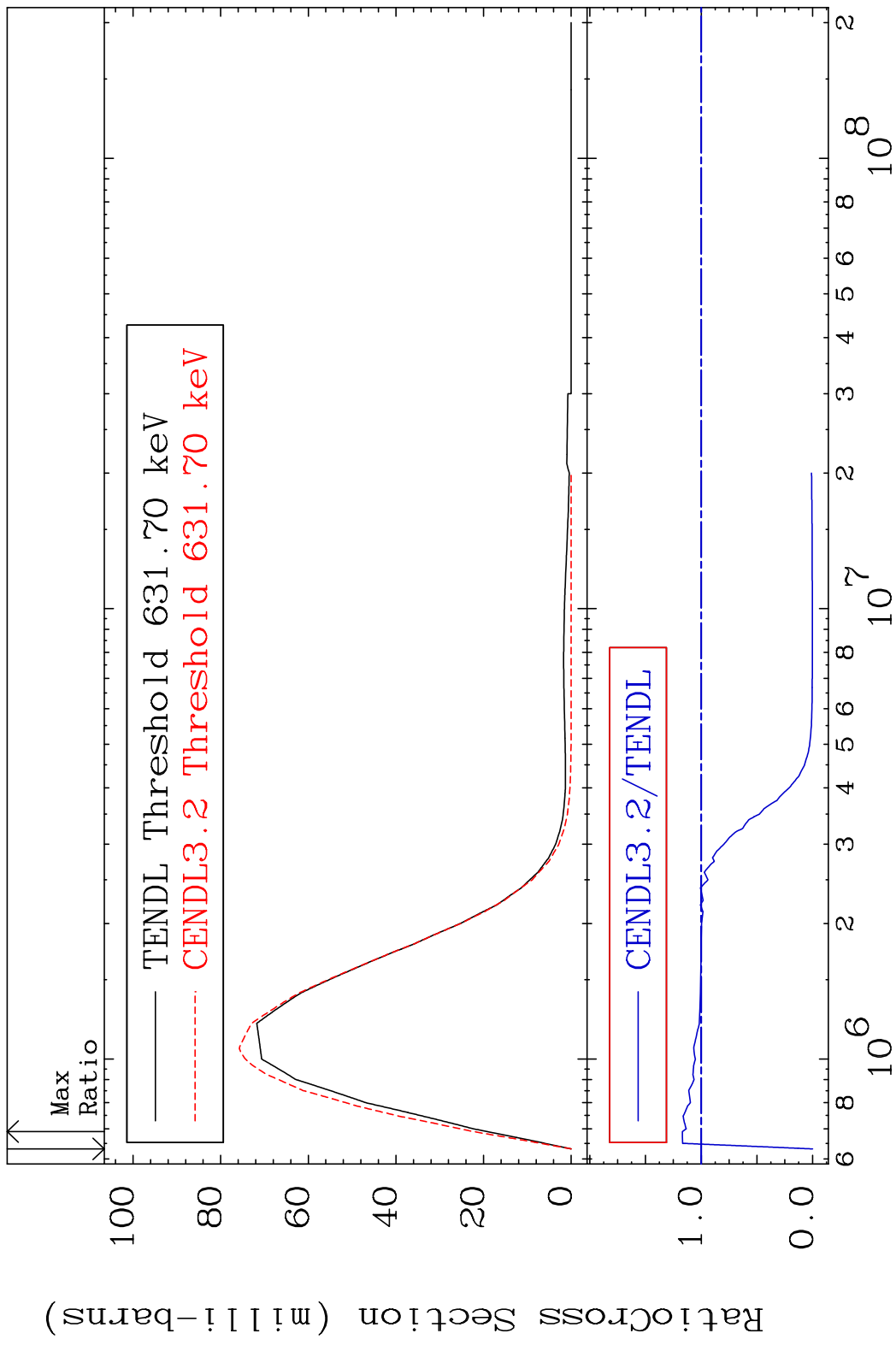


10 Incident Energy (eV) 92-U -232

MAT 9219 MT= 55 (n,n') Level 92-U -232
 Cross Section -100.0 To 285.9 %

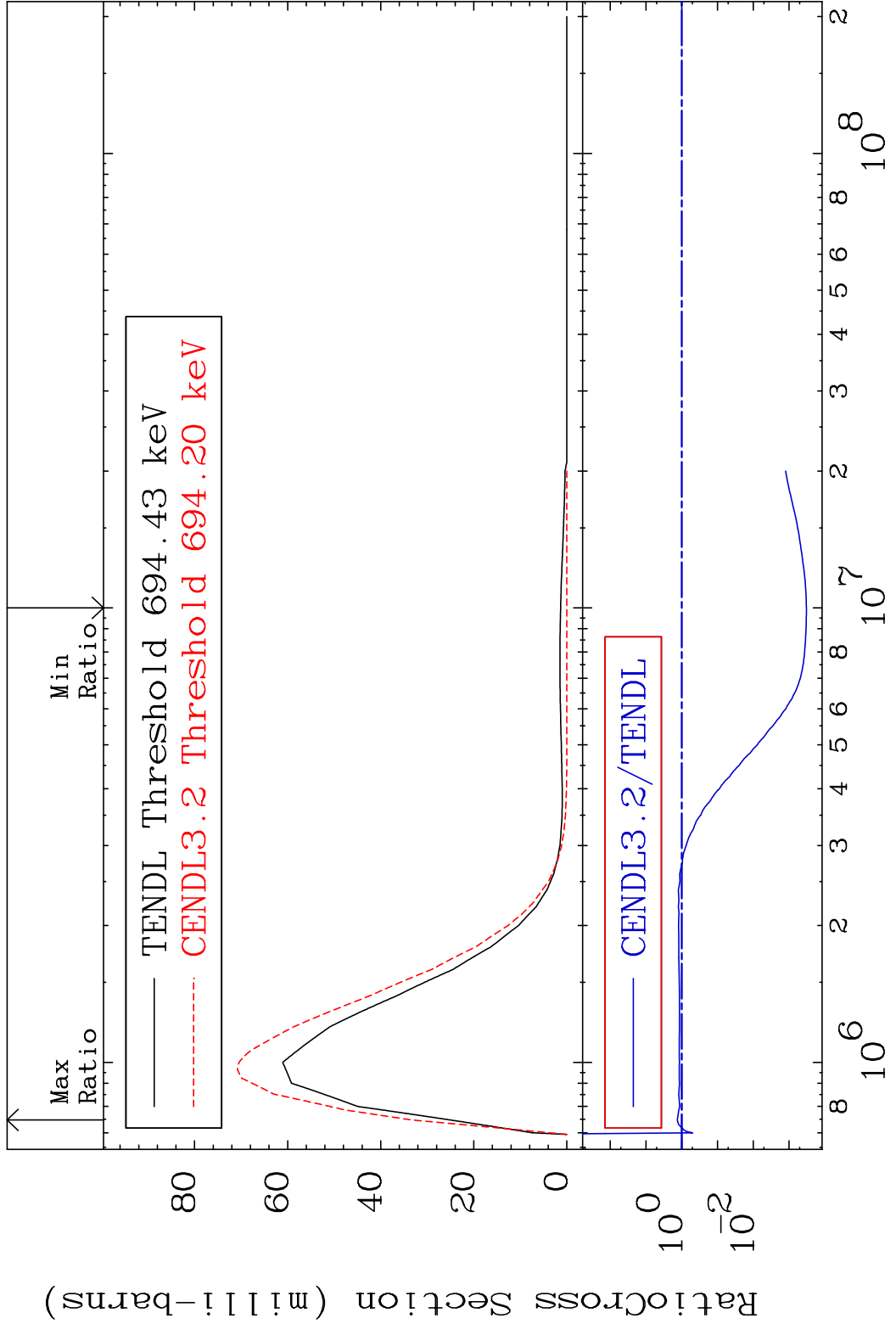


MAT 9219 MT= 56 (n, n') Level 92-U -232
 Cross Section -100.0 To 16.93 %



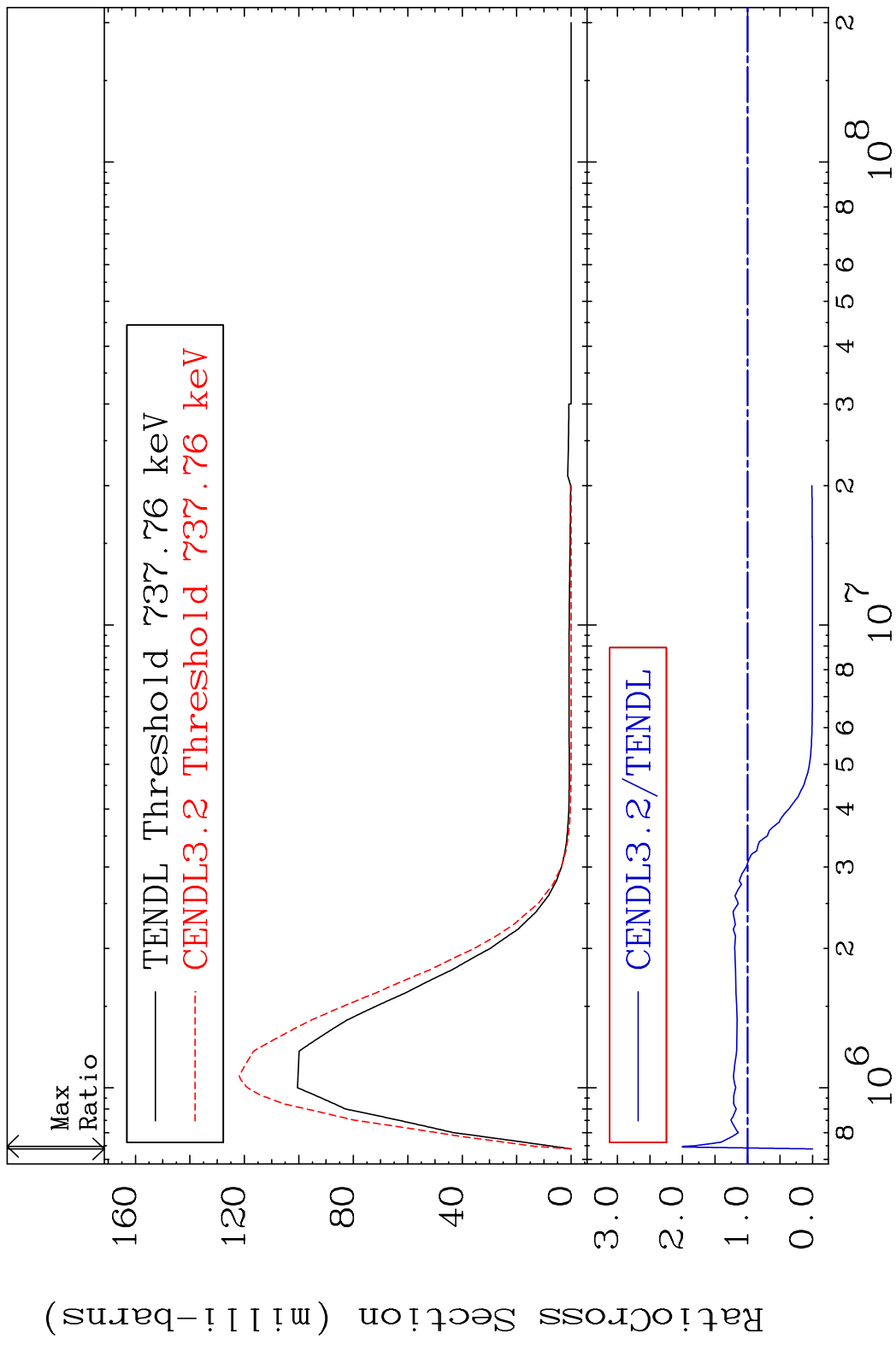
12 Incident Energy (eV) 92-U -232

MAT 9219 MT= 57 (n, n') Level 92-U -232
 Cross Section -99.97 To 33.34 %

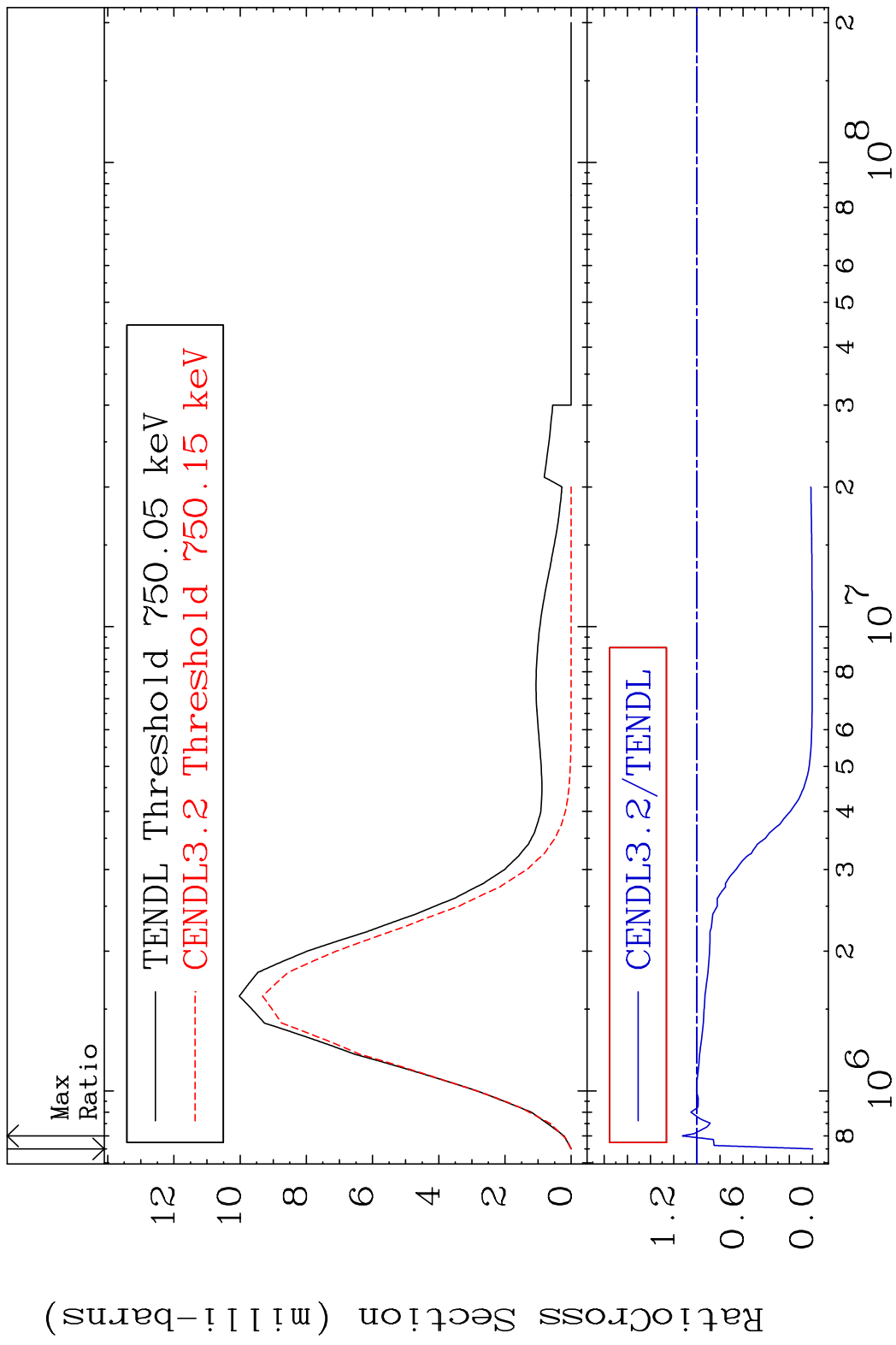


13 Incident Energy (eV) 92-U -232

MAT 9219 MT= 58 (n,n') Level 92-U -232
 Cross Section -100.0 To 100.2 %

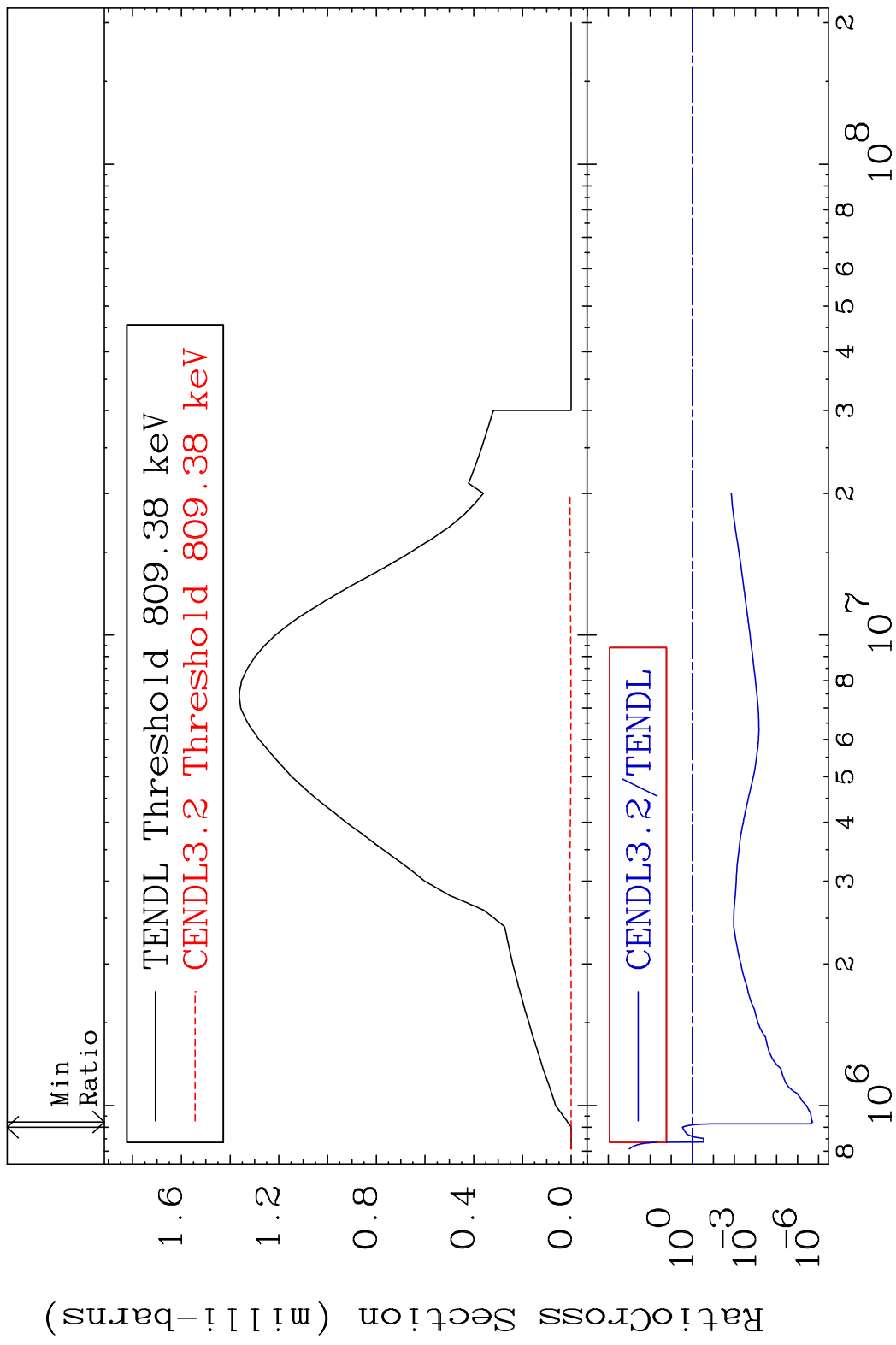


MAT 9219 MT= 59 (n,n') Level 92-U -232
 Cross Section -100.0 To 12.51 %



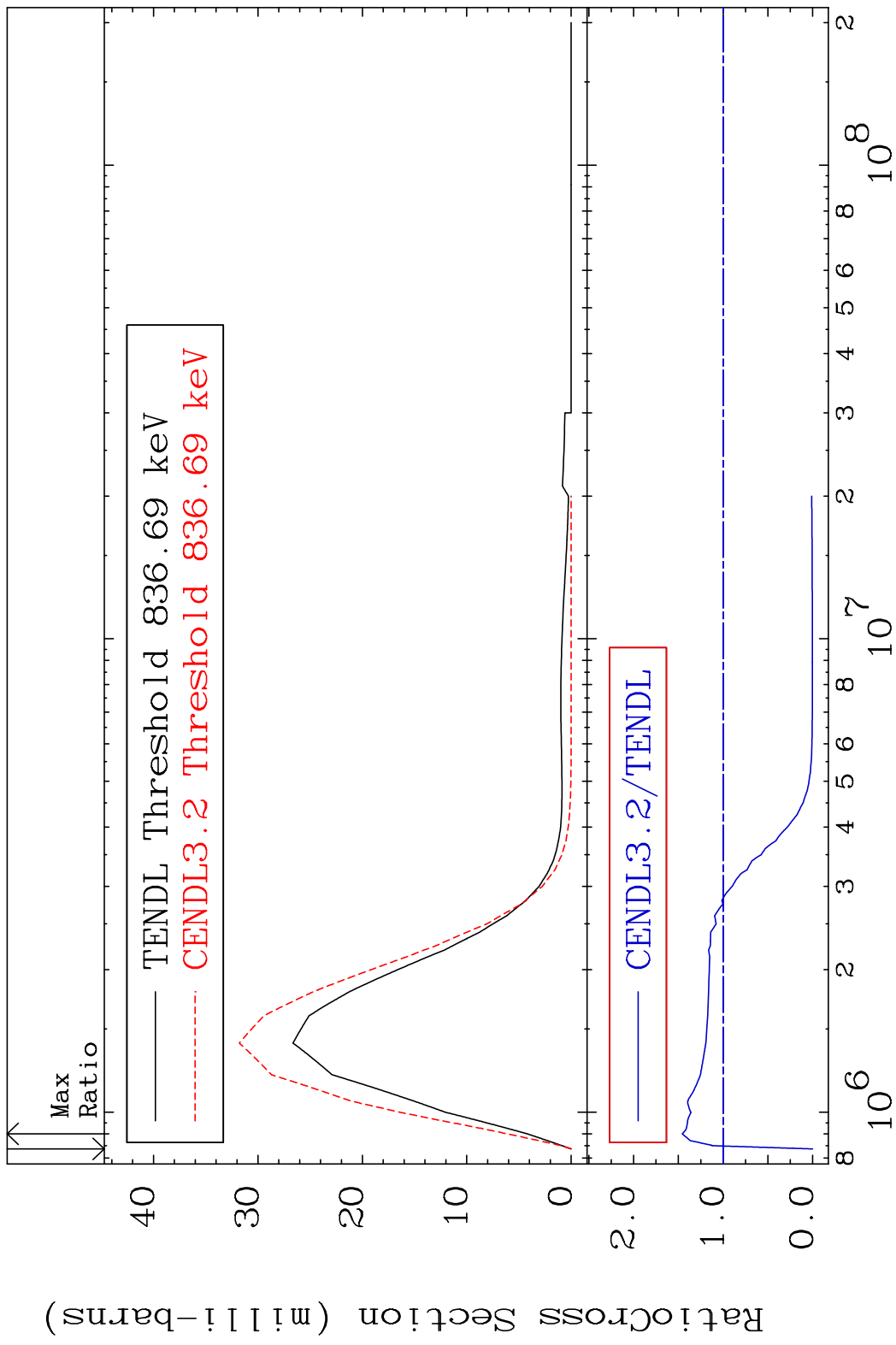
15 Incident Energy (eV) 92-U -232

MAT 9219 MT= 60 (n, n') Level 92-U -232
 Cross Section -100.0 To 198.7 %



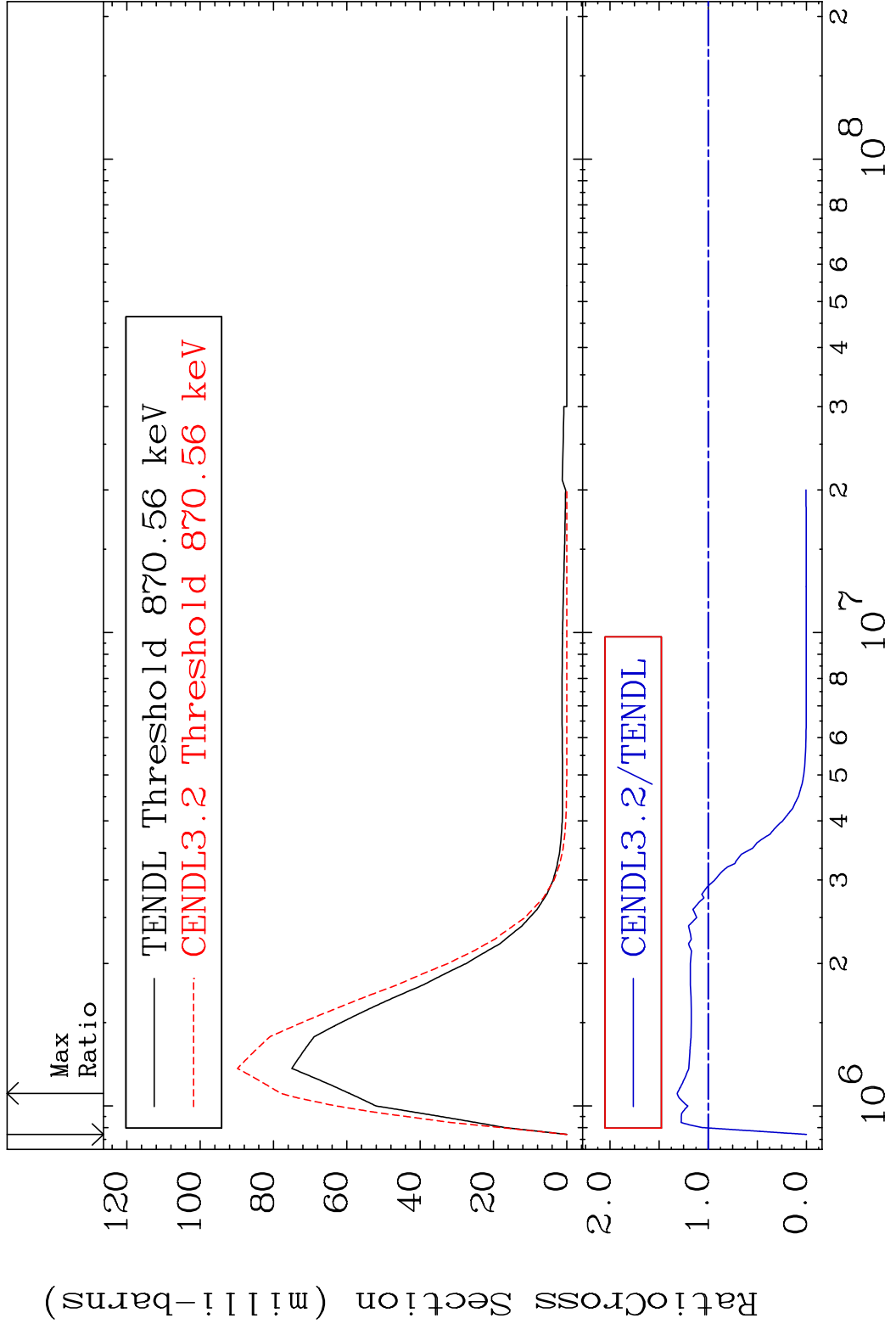
16 Incident Energy (eV) 92-U -232

MAT 9219 MT= 61 (n, n') Level 92-U -232
 Cross Section -100.0 To 45.57 %



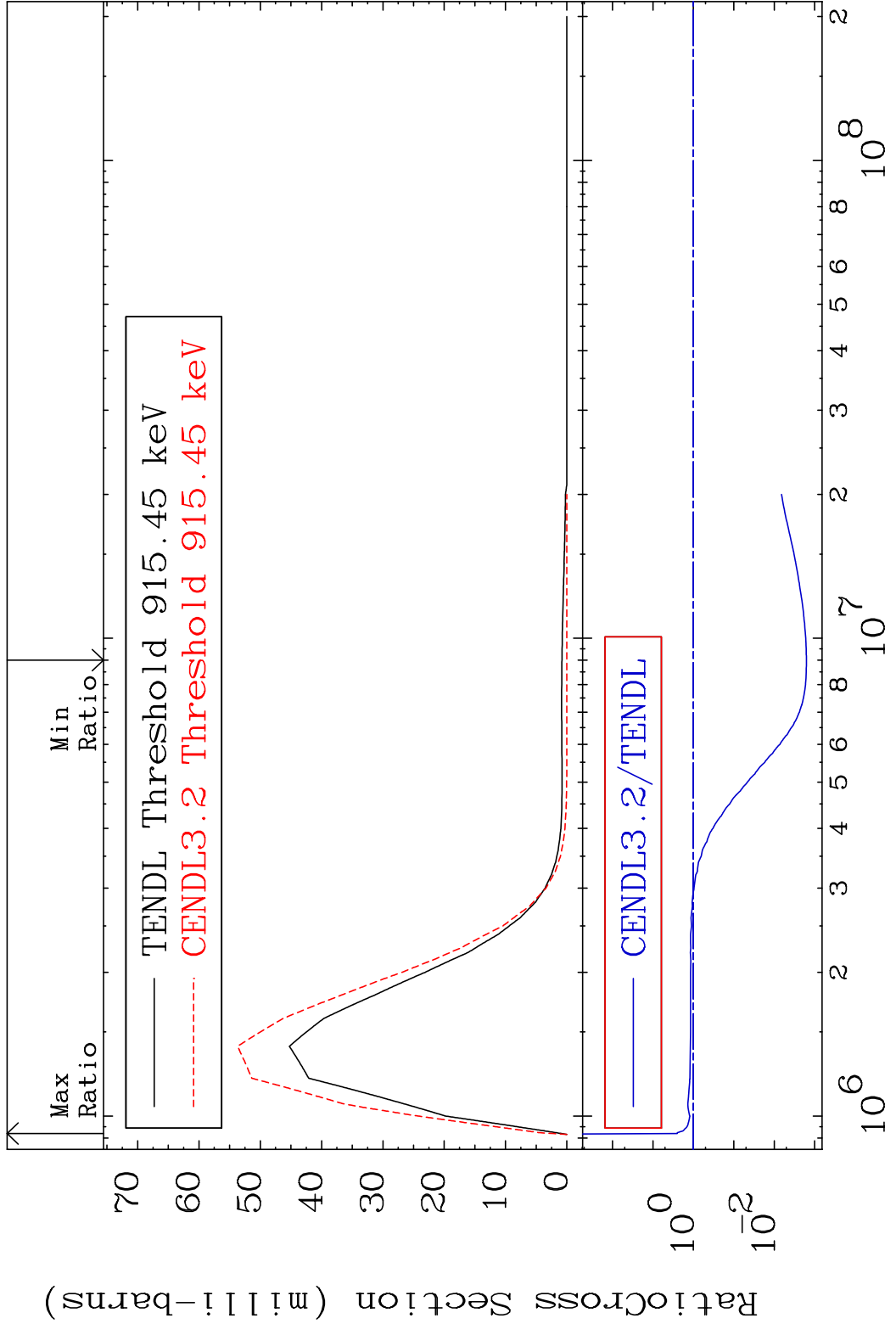
17 Incident Energy (eV) 92-U -232

MAT 9219 MT= 62 (n, n') Level 92-U -232
 Cross Section -100.0 To 31.58 %



18 Incident Energy (eV) 92-U -232

MAT 9219 MT= 63 (n, n') Level 92-U -232
 Cross Section -99.84 To 151.0 %



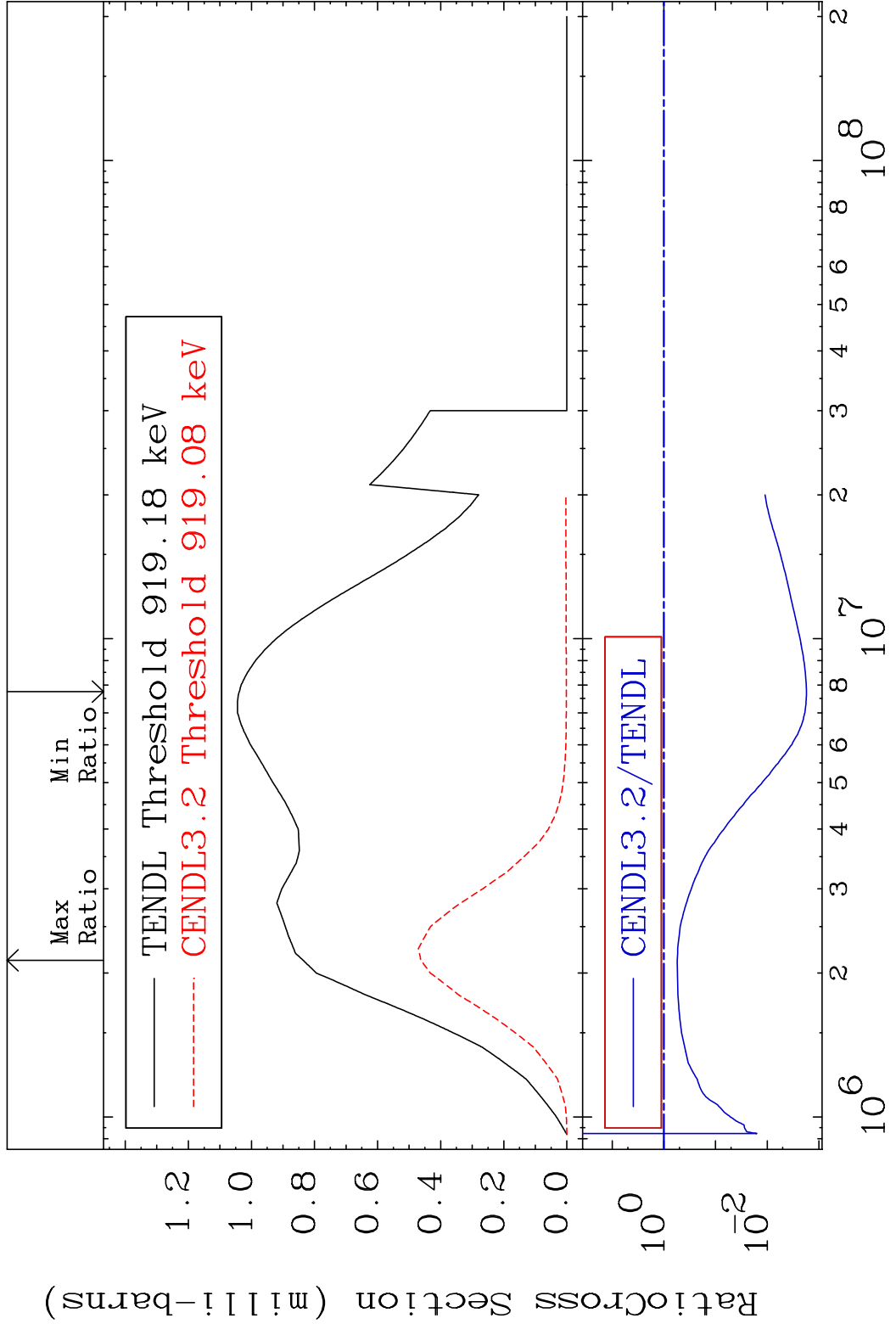
19 Incident Energy (eV) 92-U -232

MAT 9219

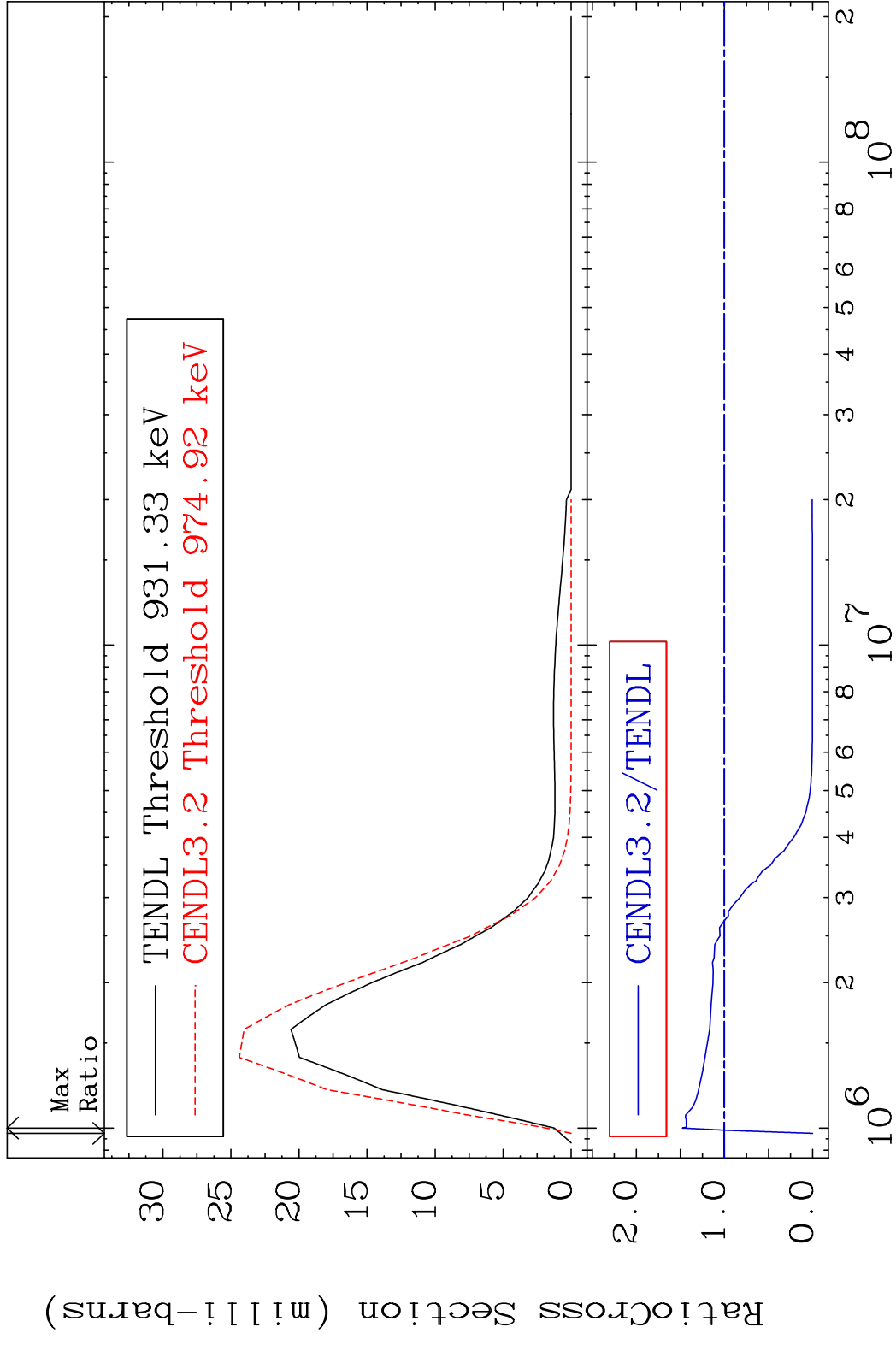
MT= 64 (n, n') Level

92-U -232

Cross Section -99.83 To -44.64%



MAT 9219 MT= 65 (n,n') Level 92-U -232
 Cross Section -100.0 To 47.74 %



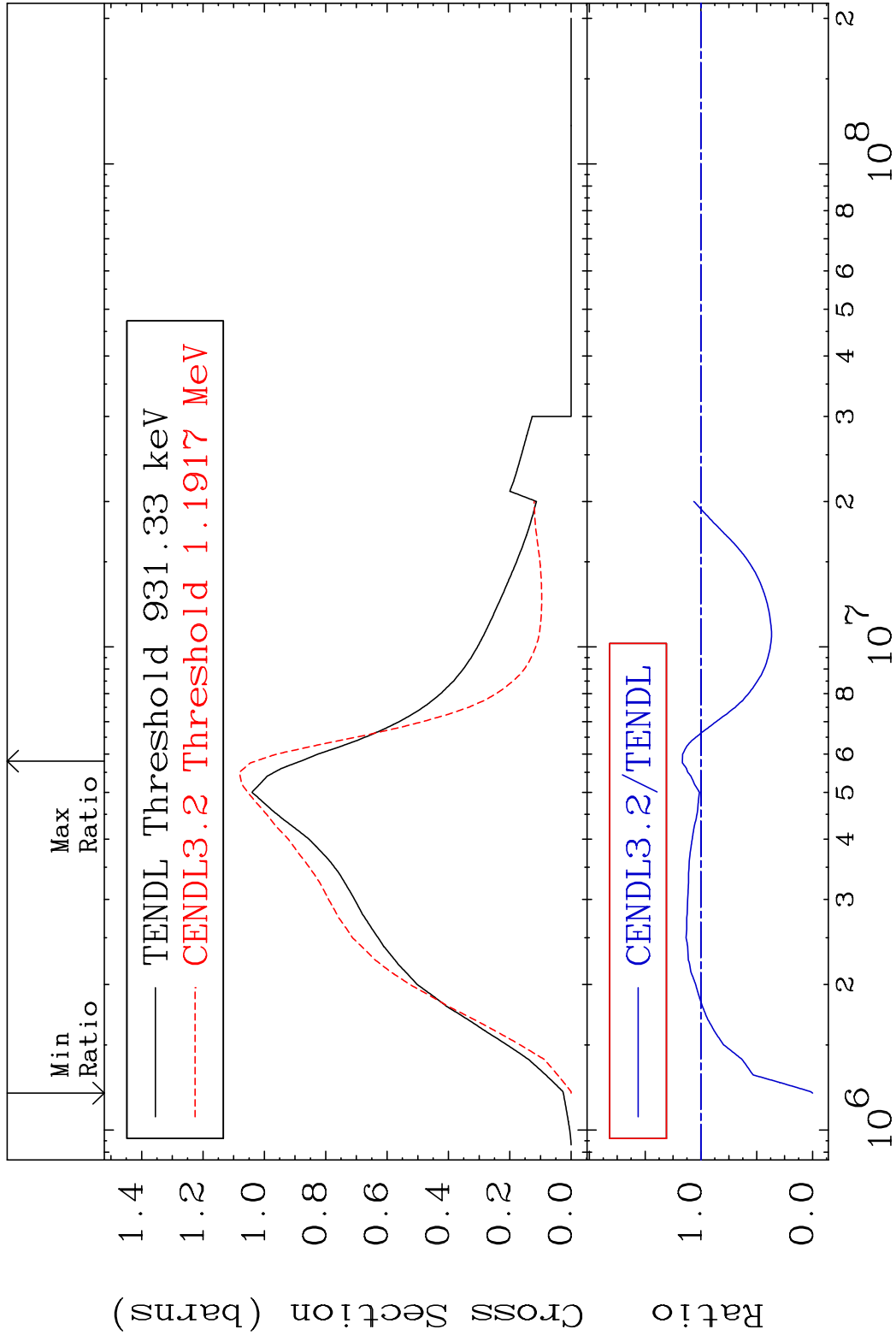
21 Incident Energy (eV) 92-U -232

MAT 9219

(n,n') Continuum

92-U -232

Cross Section -100.0 To 16.64 %



22

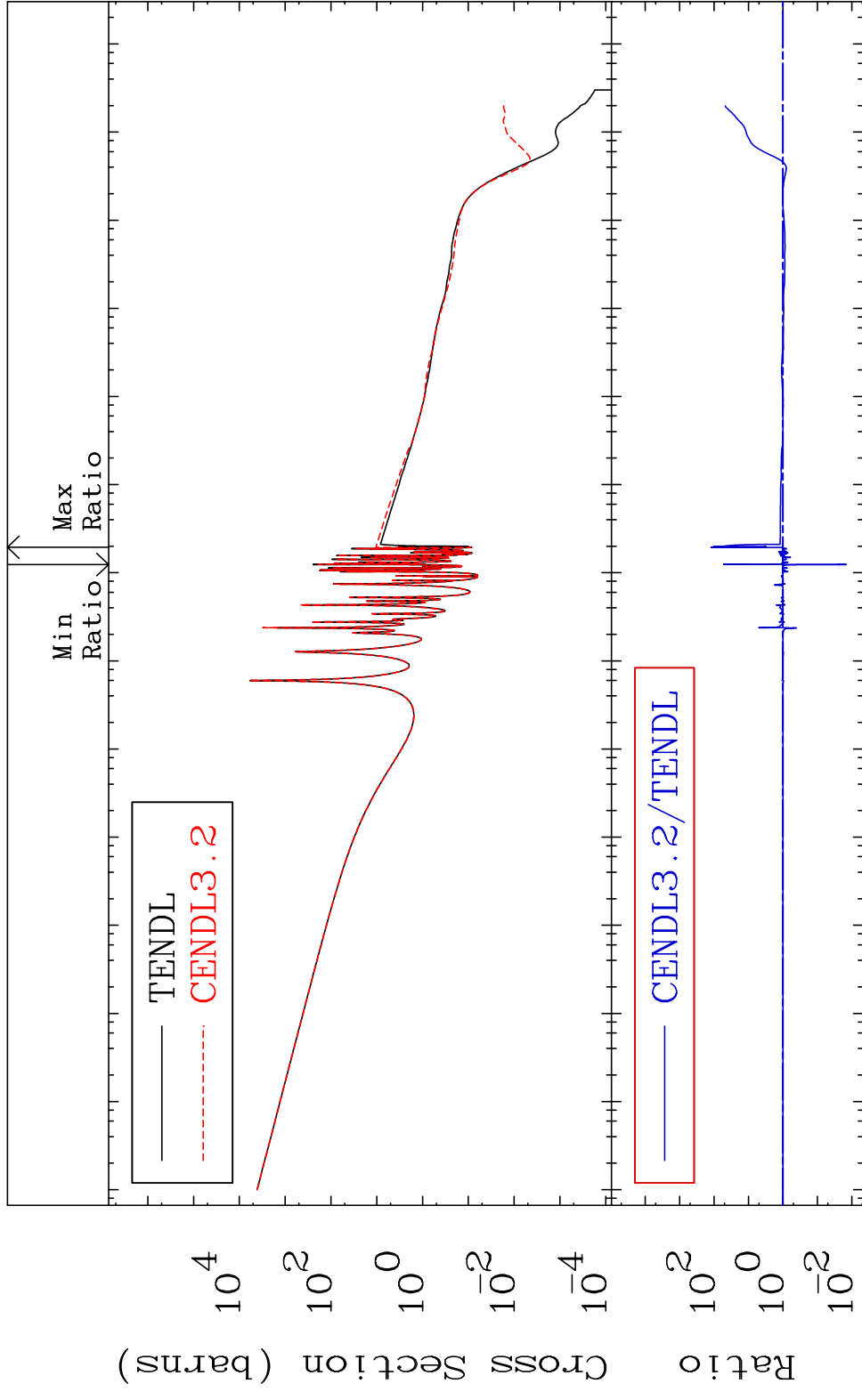
Incident Energy (eV)

92-U -232

MAT 9219

(n, γ)
Cross Section -98.55 To 9999. %

92-U -232



23

Incident Energy (eV)

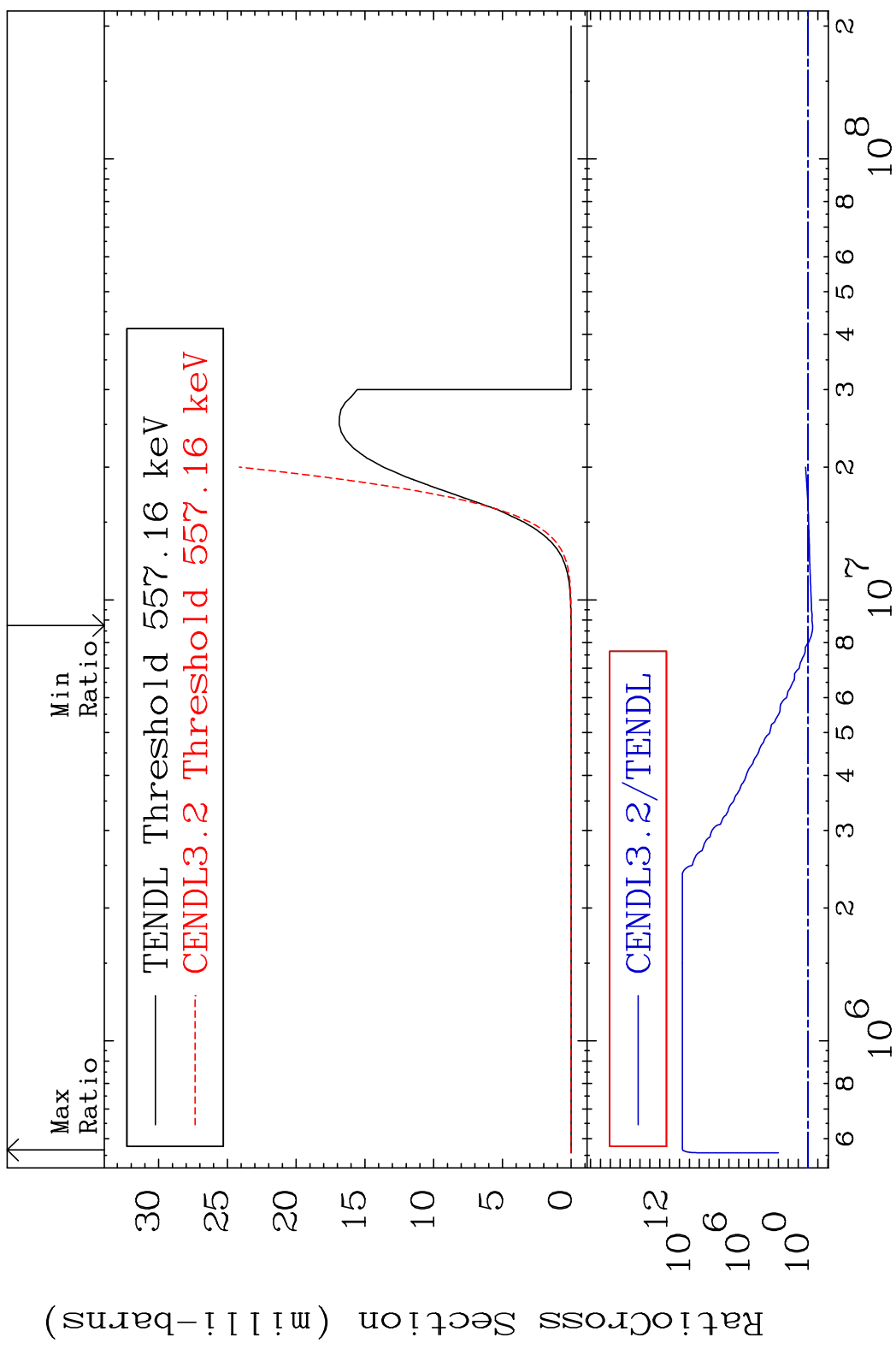
92-U -232

MAT 9219

(n,p)

92-U -232

Cross Section -65.27 To 9999. %

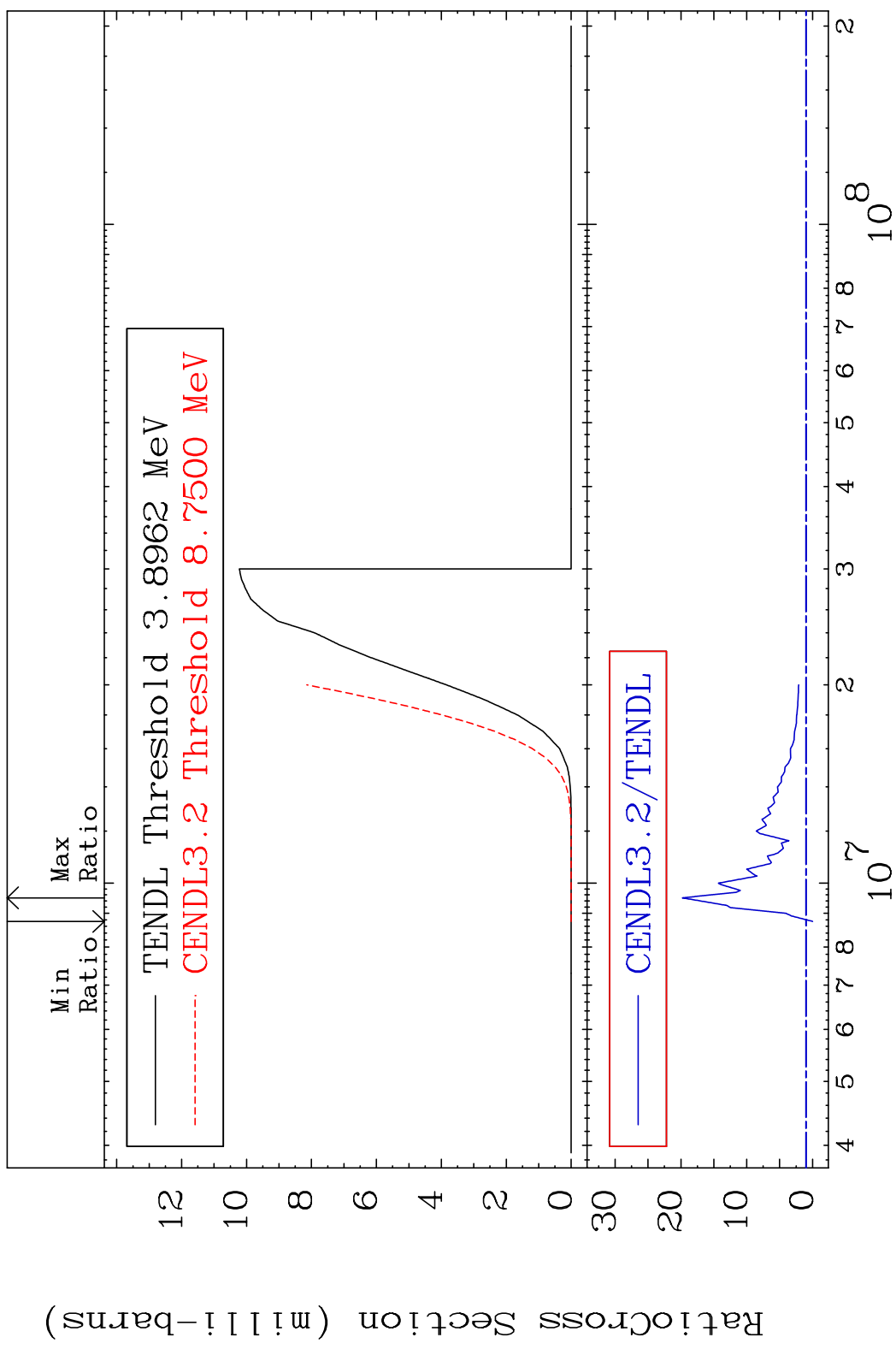


MAT 9219

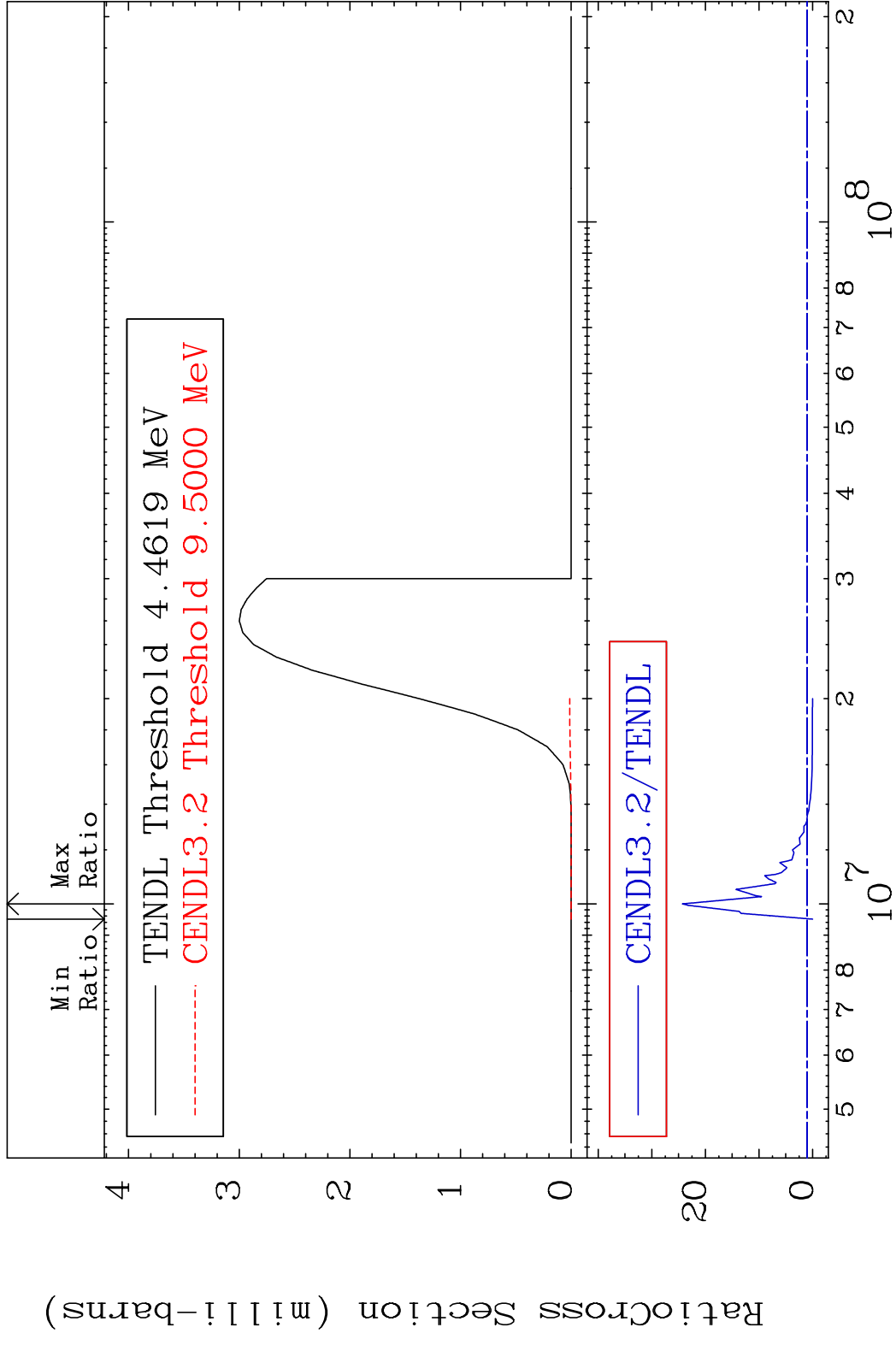
(n,d)

92-U -232

Cross Section -100.0 To 1878. %



MAT 9219 (n, t) 92-U -232
 Cross Section -100.0 To 2330. %

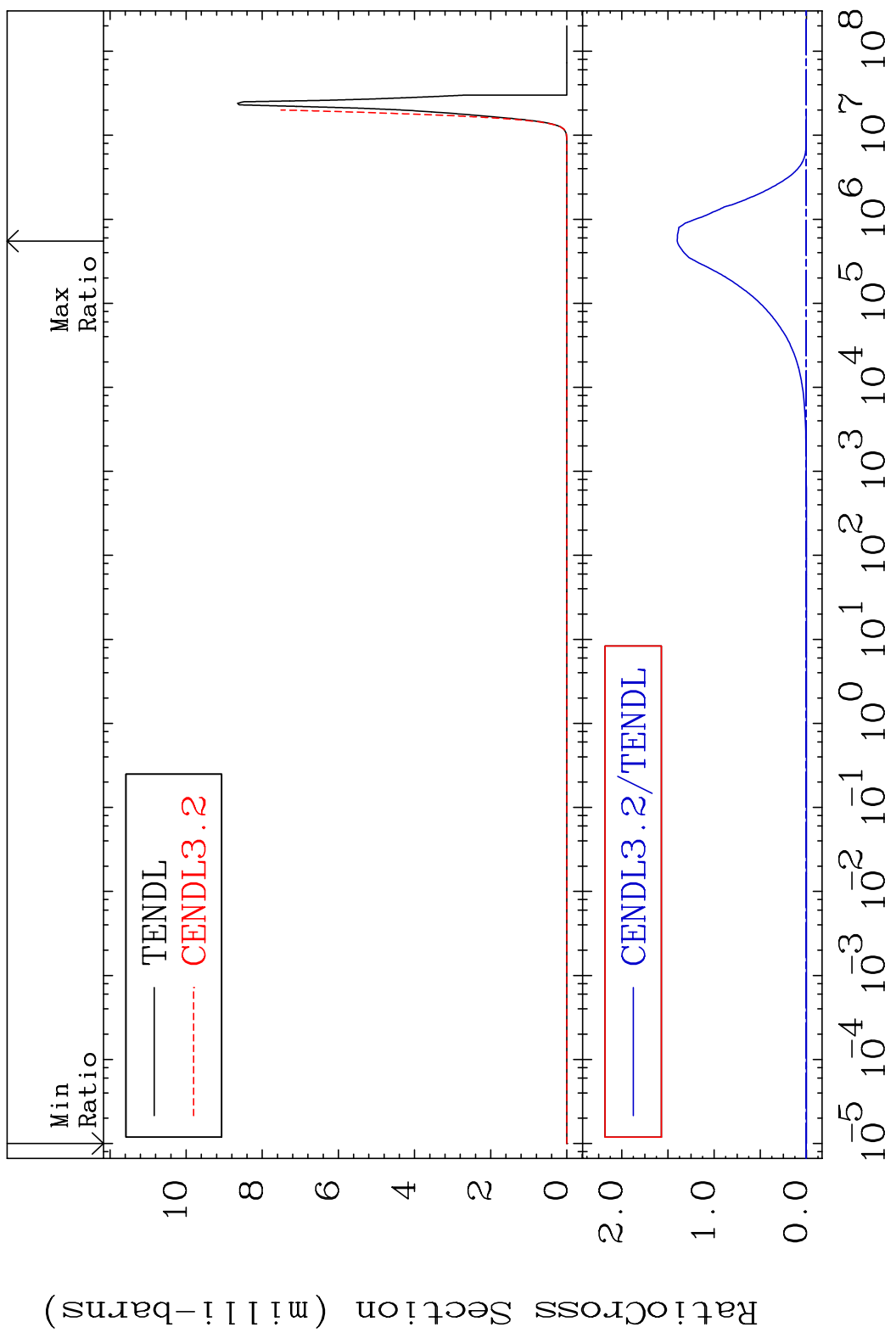


MAT 9219

(n, α)

92-U -232

Cross Section -100.0 To 9999. %

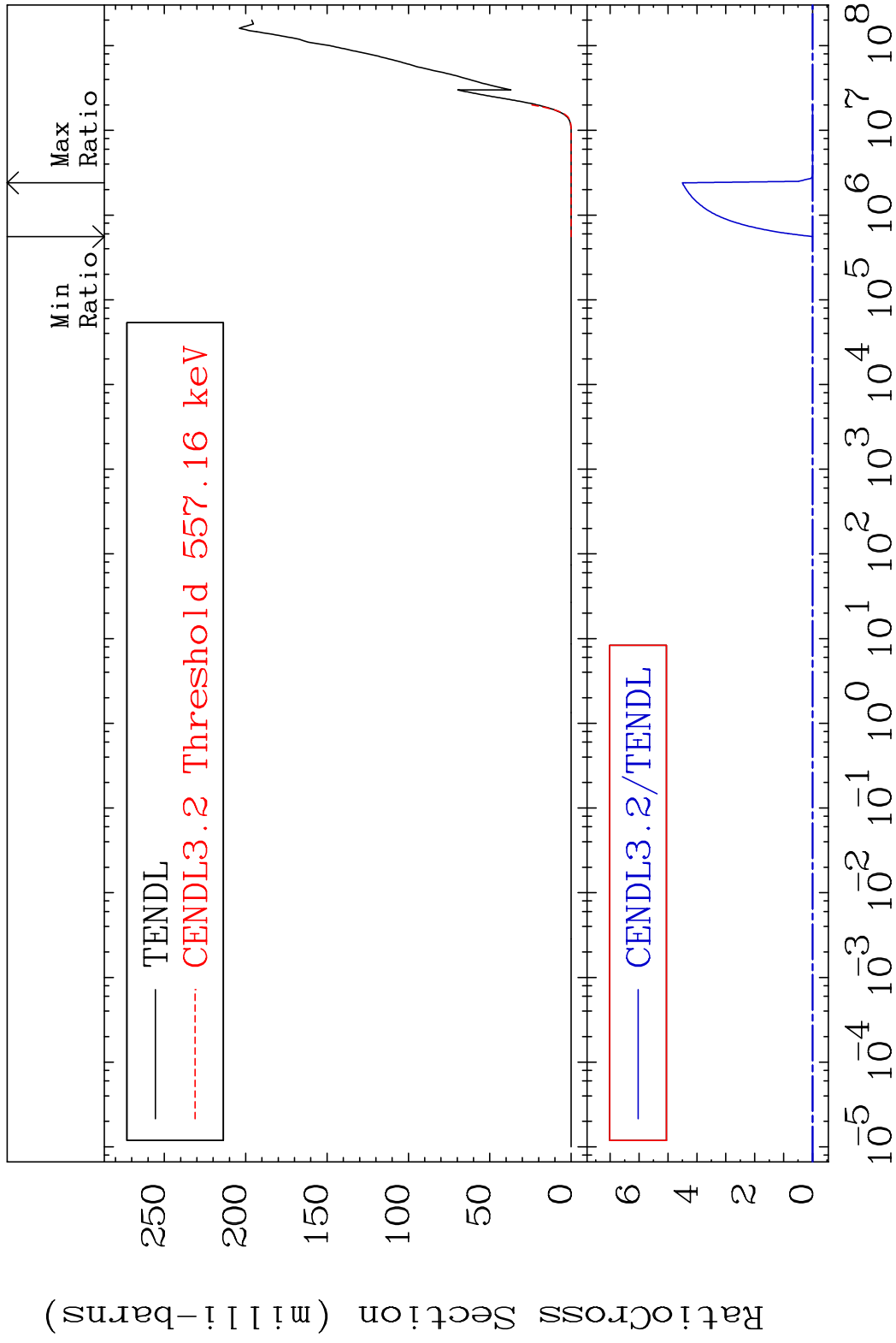


MAT 9219

Hydrogen Production

92-U -232

Cross Section -100.0 To 9999. %



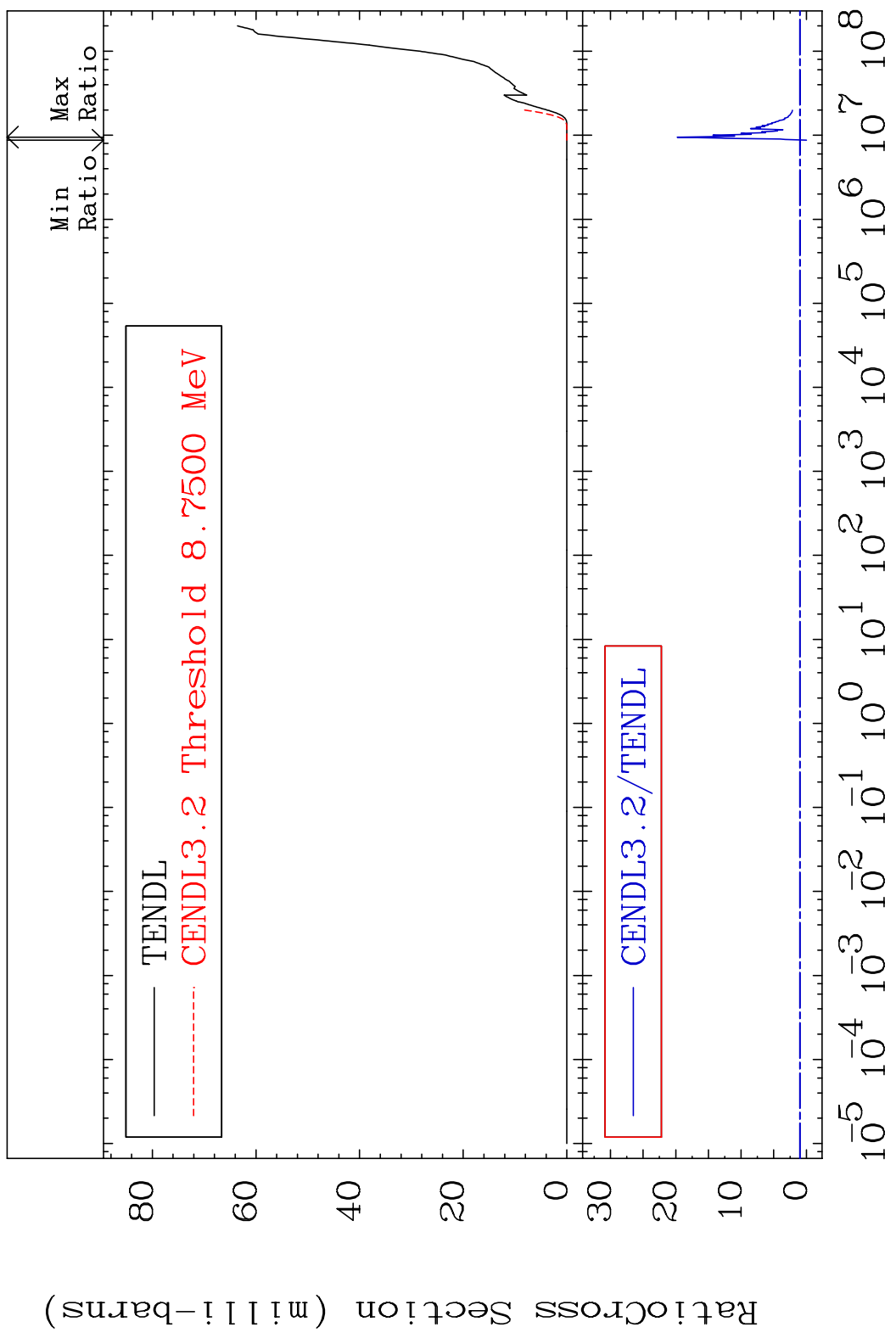
28

Incident Energy (eV)

92-U -232

MAT 9219

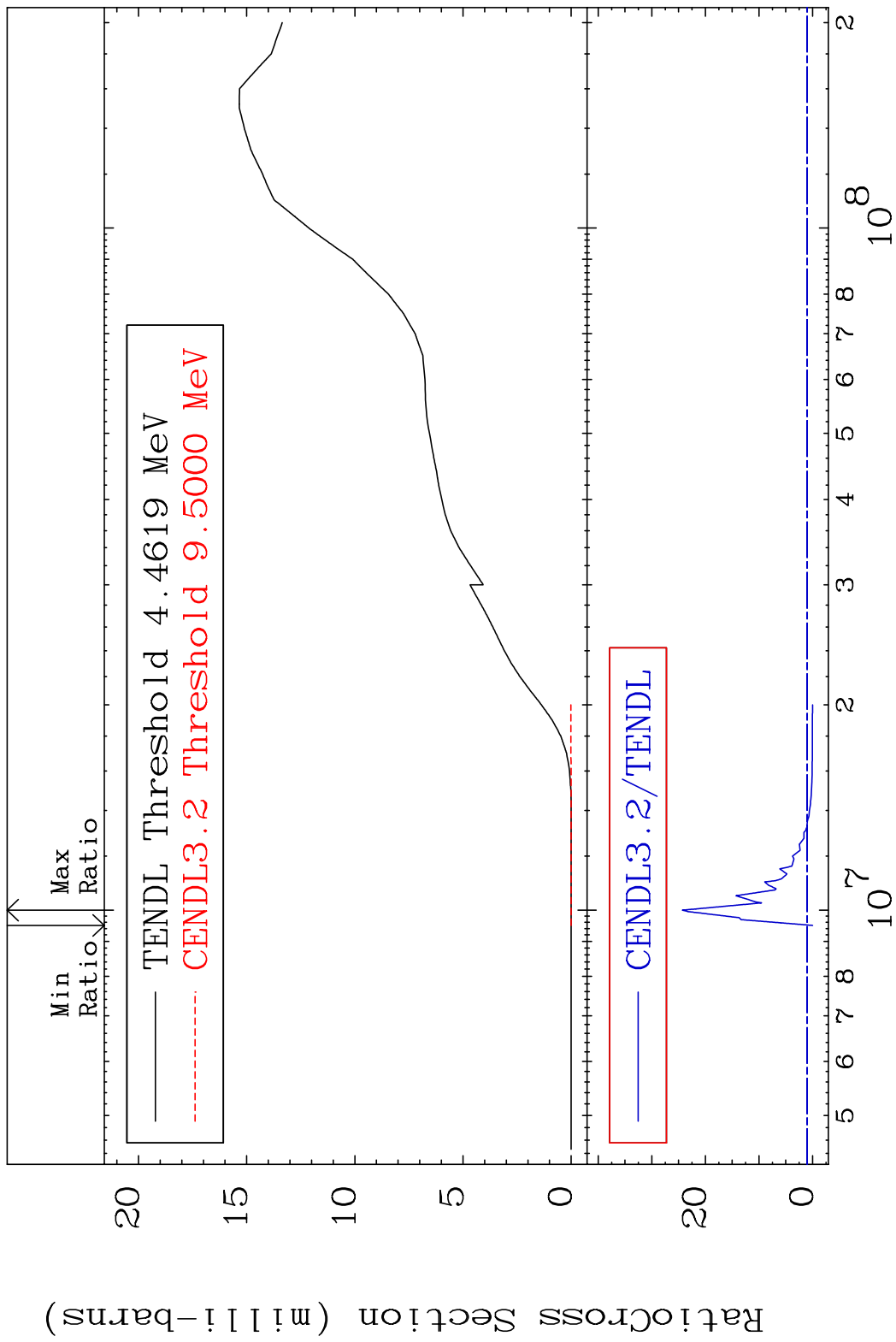
Deuterium Production 92-U -232
Cross Section -100.0 To 1878. %



29

Incident Energy (eV) 92-U -232

MAT 9219 Tritium Production 92-U -232
 Cross Section -100.0 To 2330. %



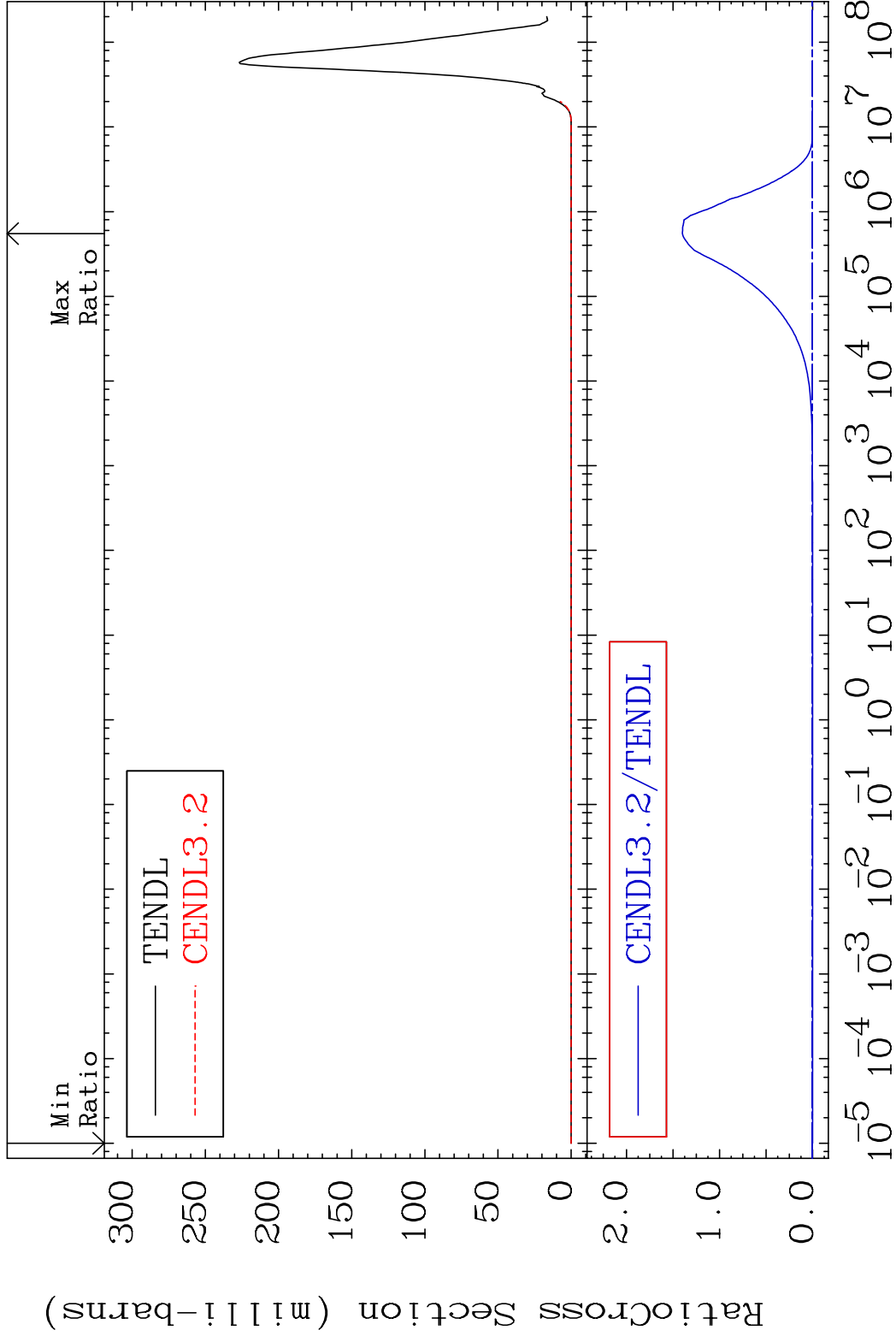
30 Incident Energy (eV) 92-U -232

MAT 9219

He-4 Production

92-U -232

Cross Section -100.0 To 9999. %



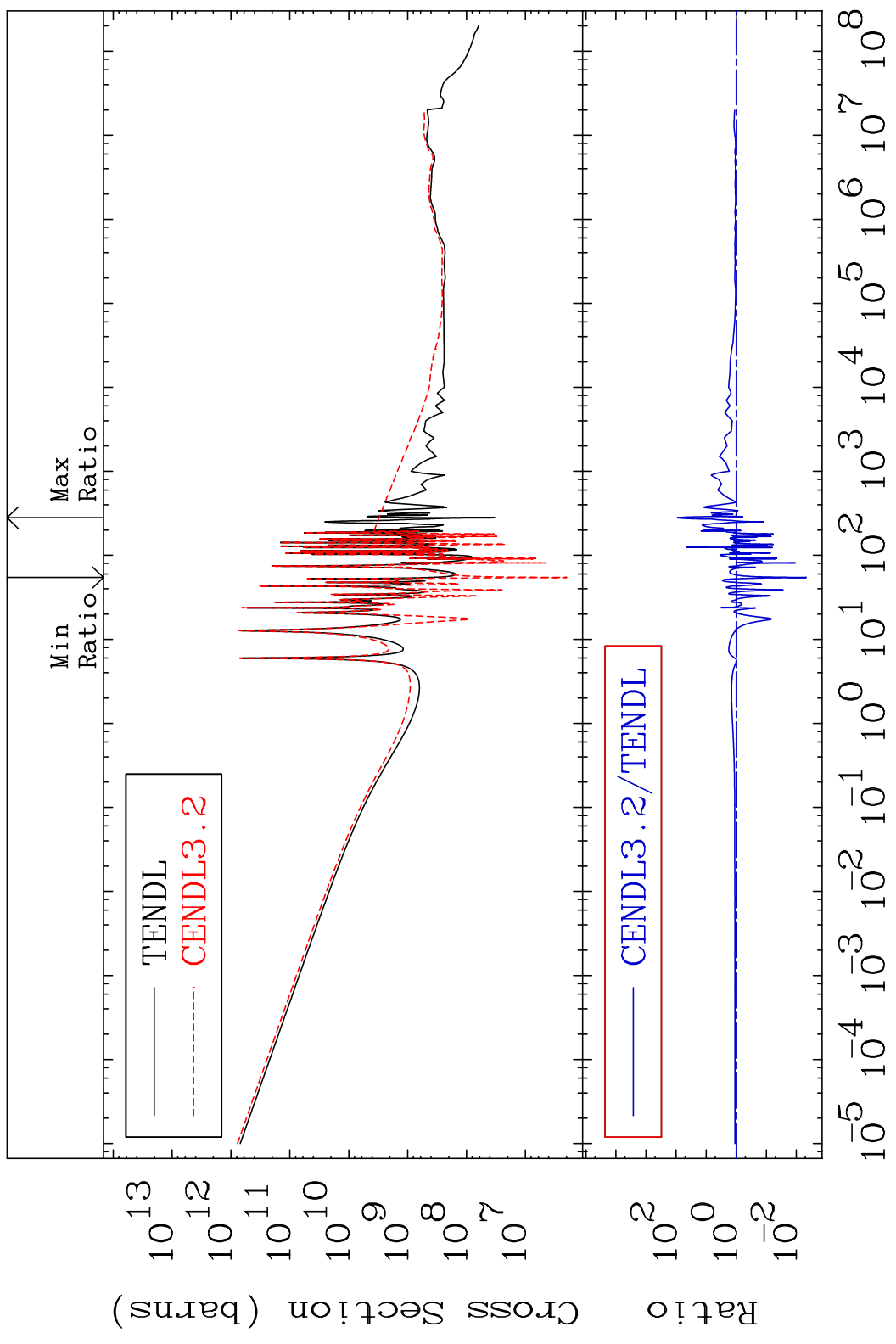
31

Incident Energy (eV)

92-U -232

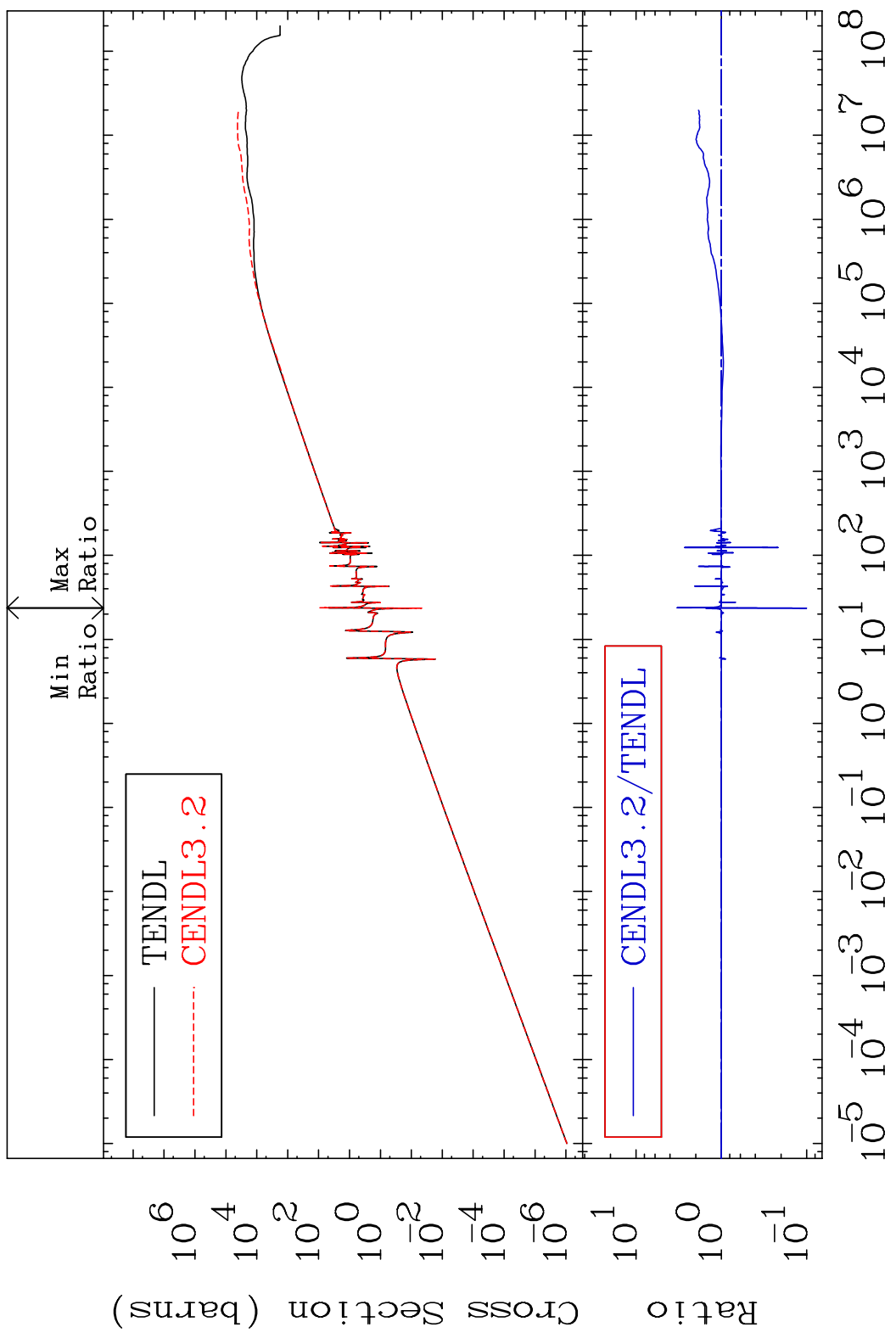
MAT 9219

Kerma total (eV-barns) 92-U -232
Cross Section -99.54 To 9117. %

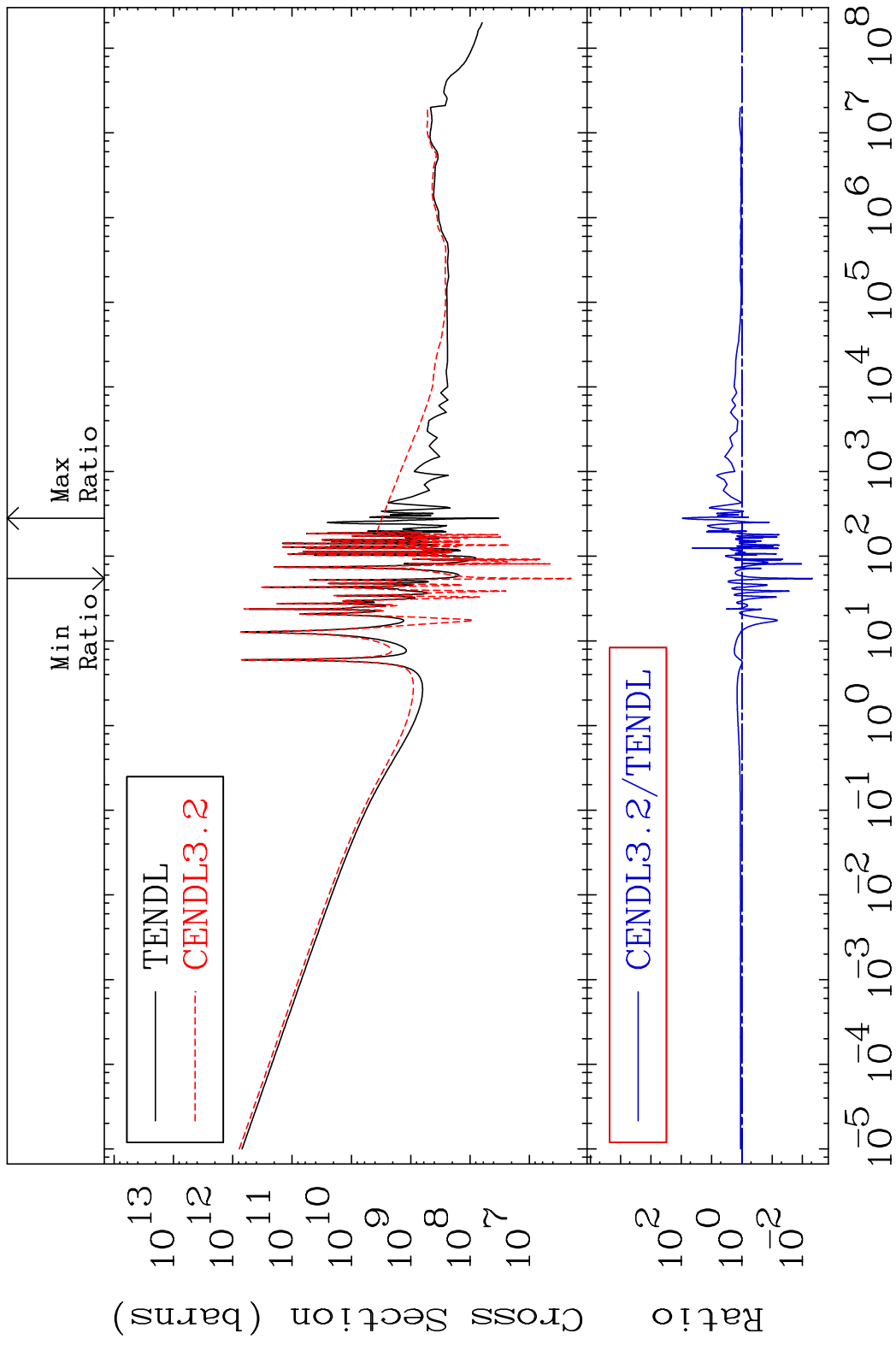


MAT 9219

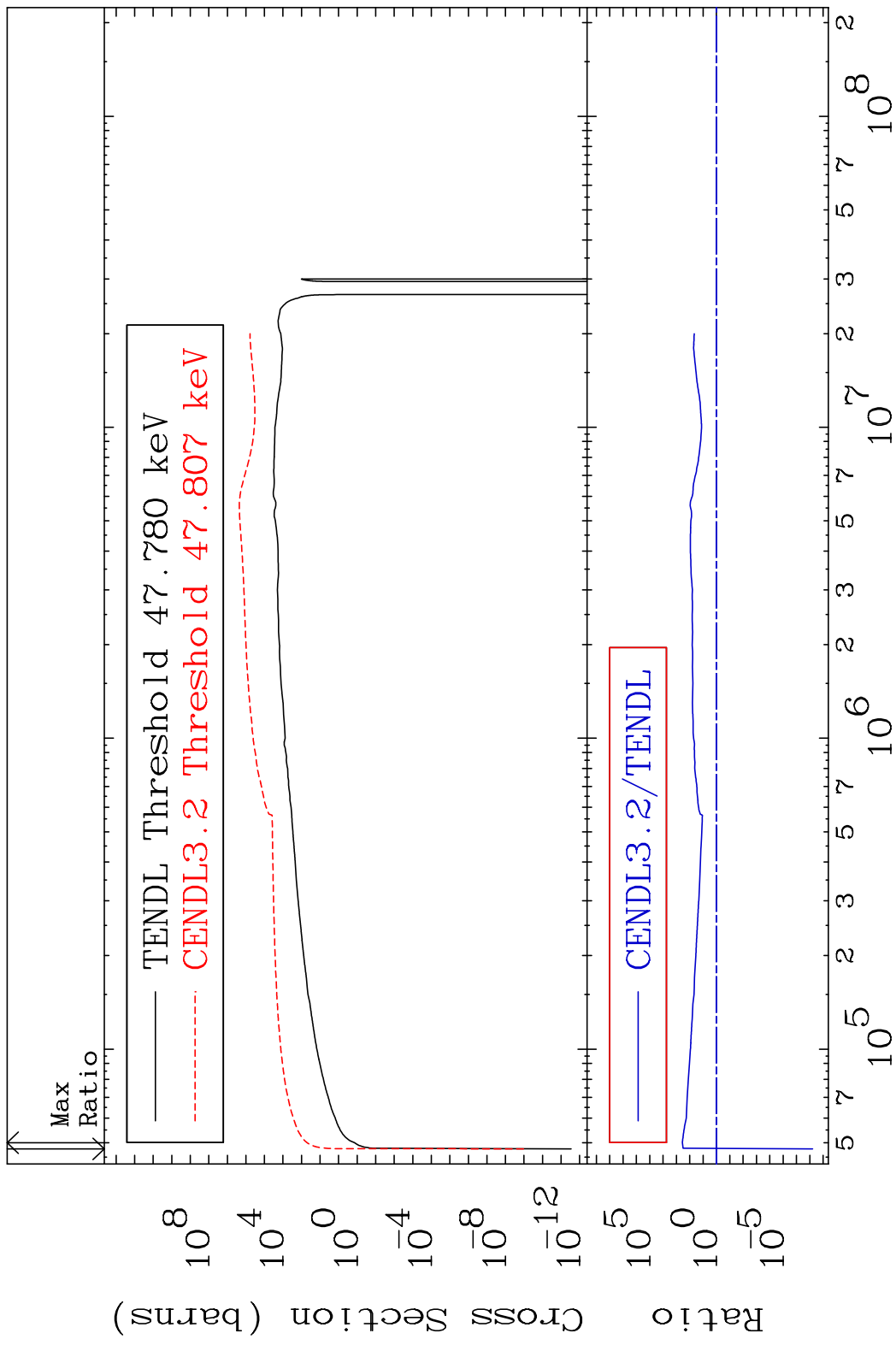
Kerma elastic 92-U -232
Cross Section -89.90 To 229.8 %



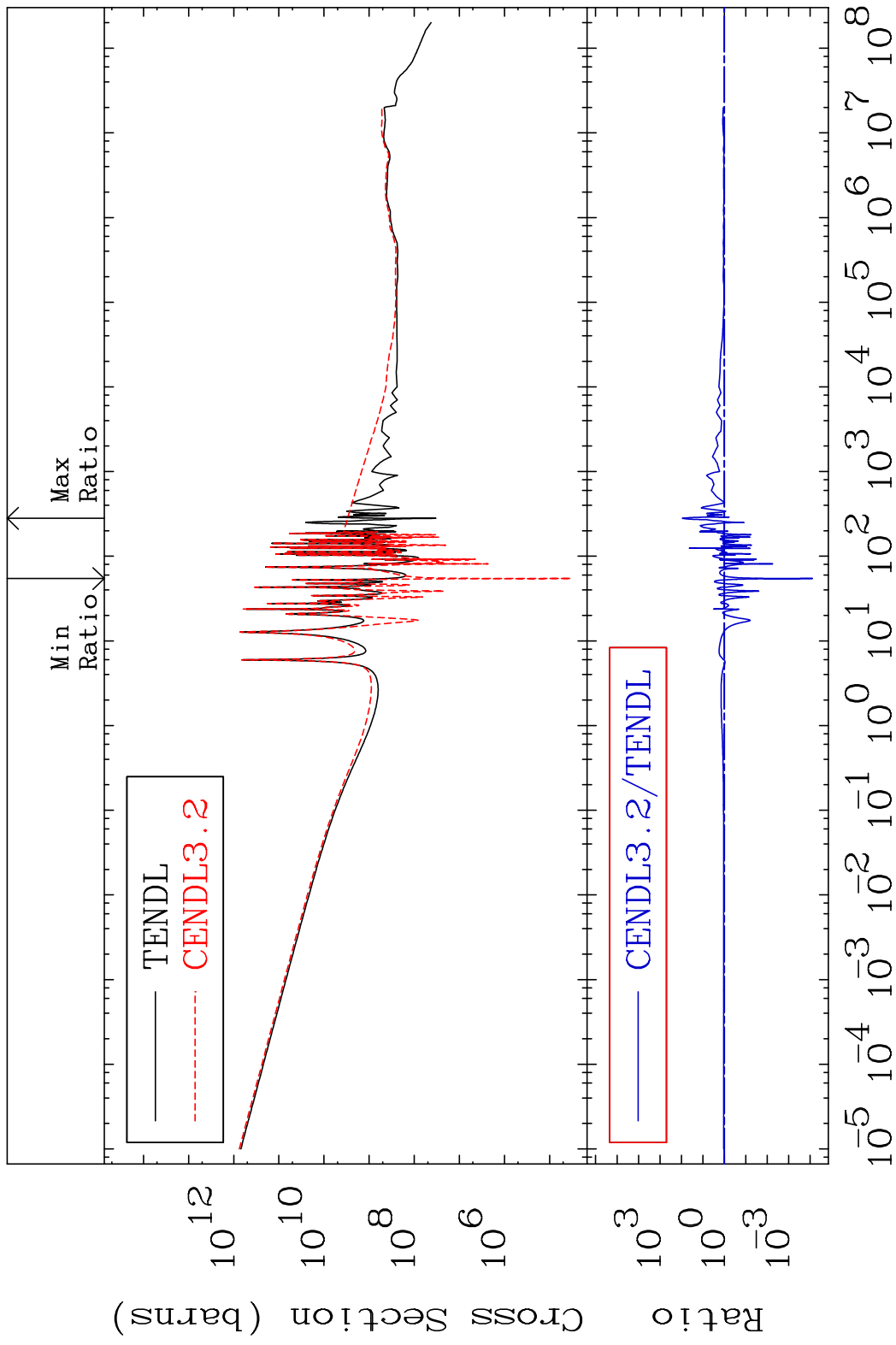
MAT 9219 Kerma non-elastic (all but mt2) 92-U -232
 Cross Section -99.54 To 9117. %

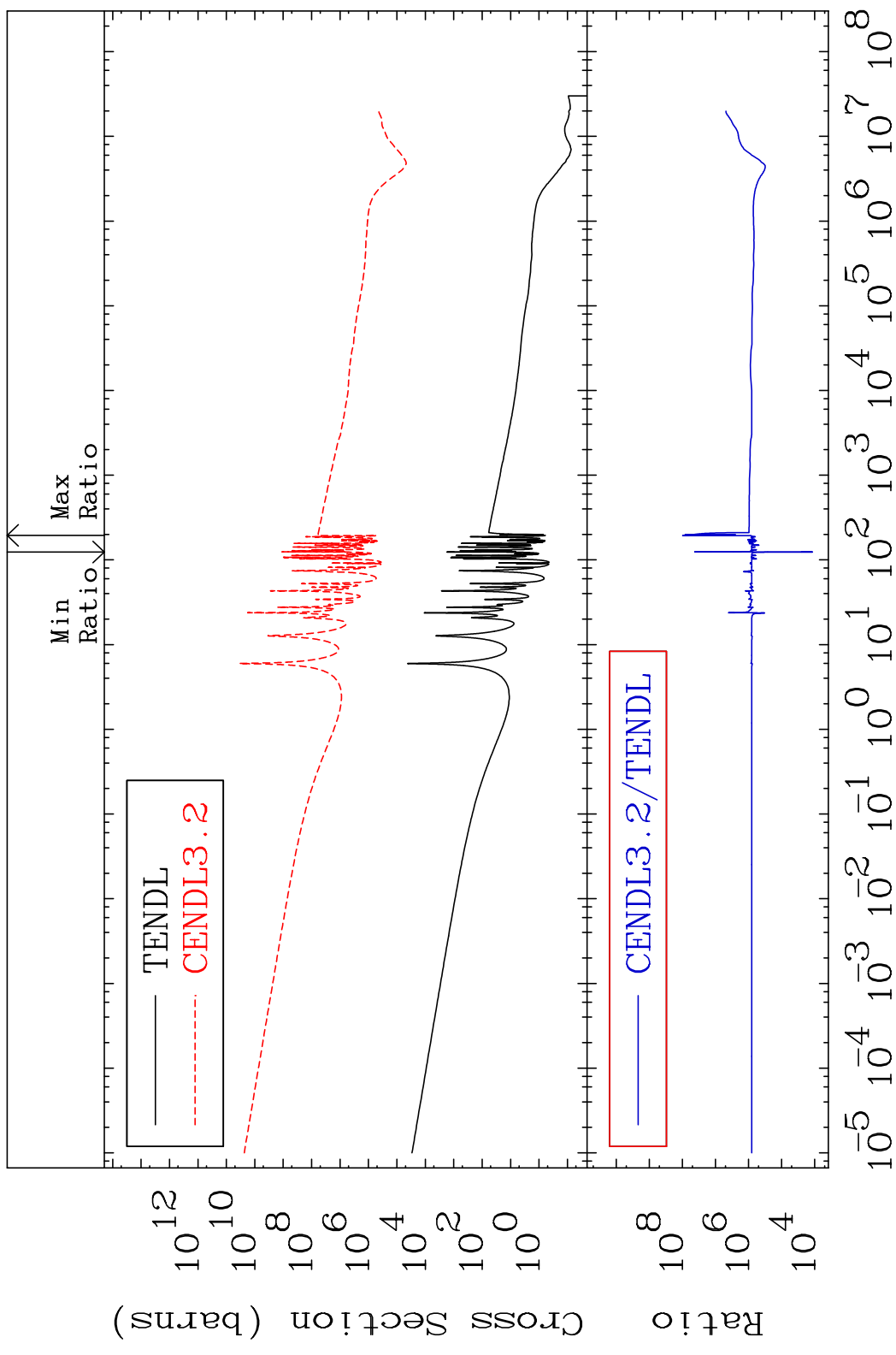


MAT 9219 Kerma inelastic (mt51-91) 92-U -232
 Cross Section -100.0 To 9999. %

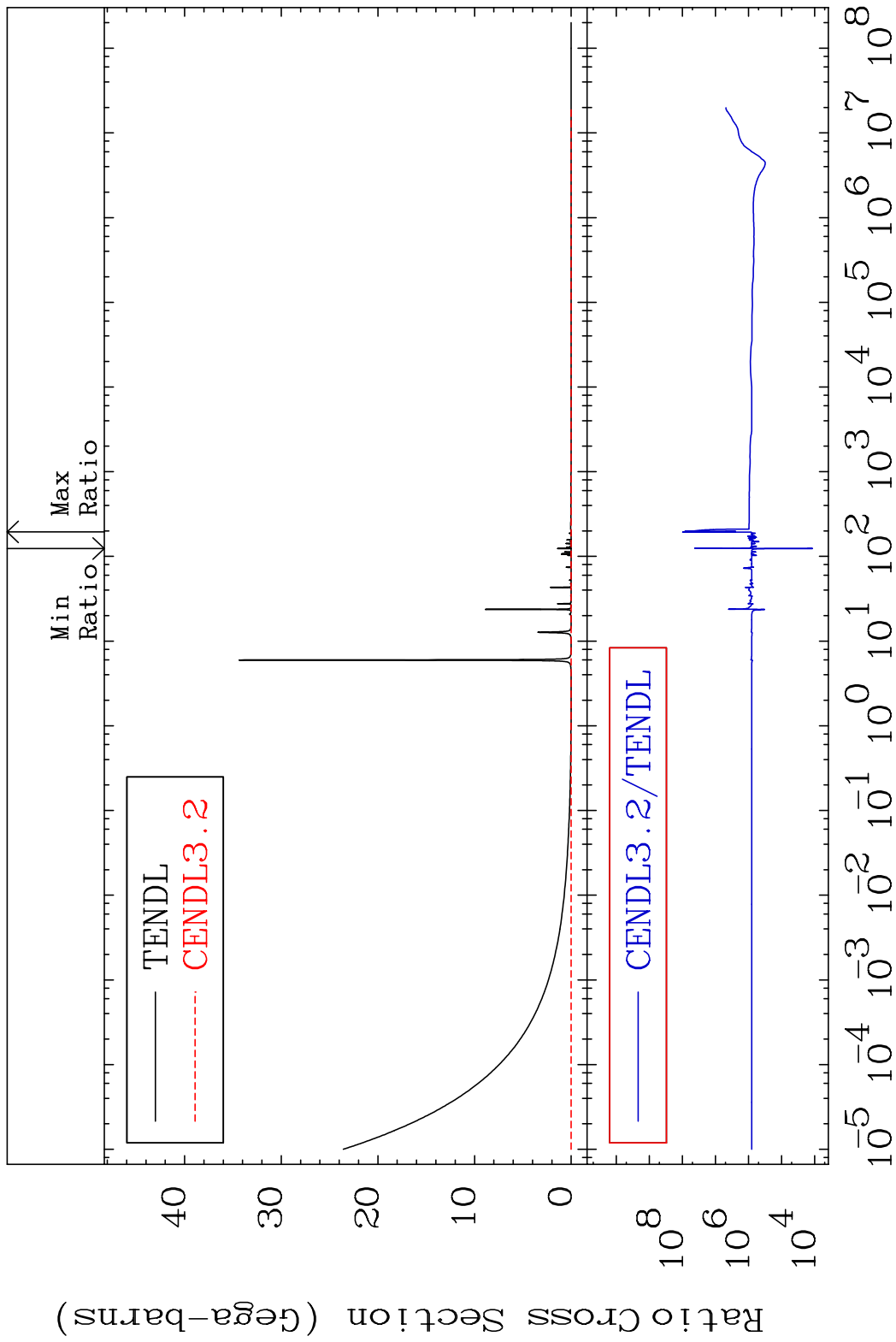


MAT 9219 Kerma fission (mt18 or mt19-20-21-38) 92-U -232
 Cross Section -99.99 To 8971. %



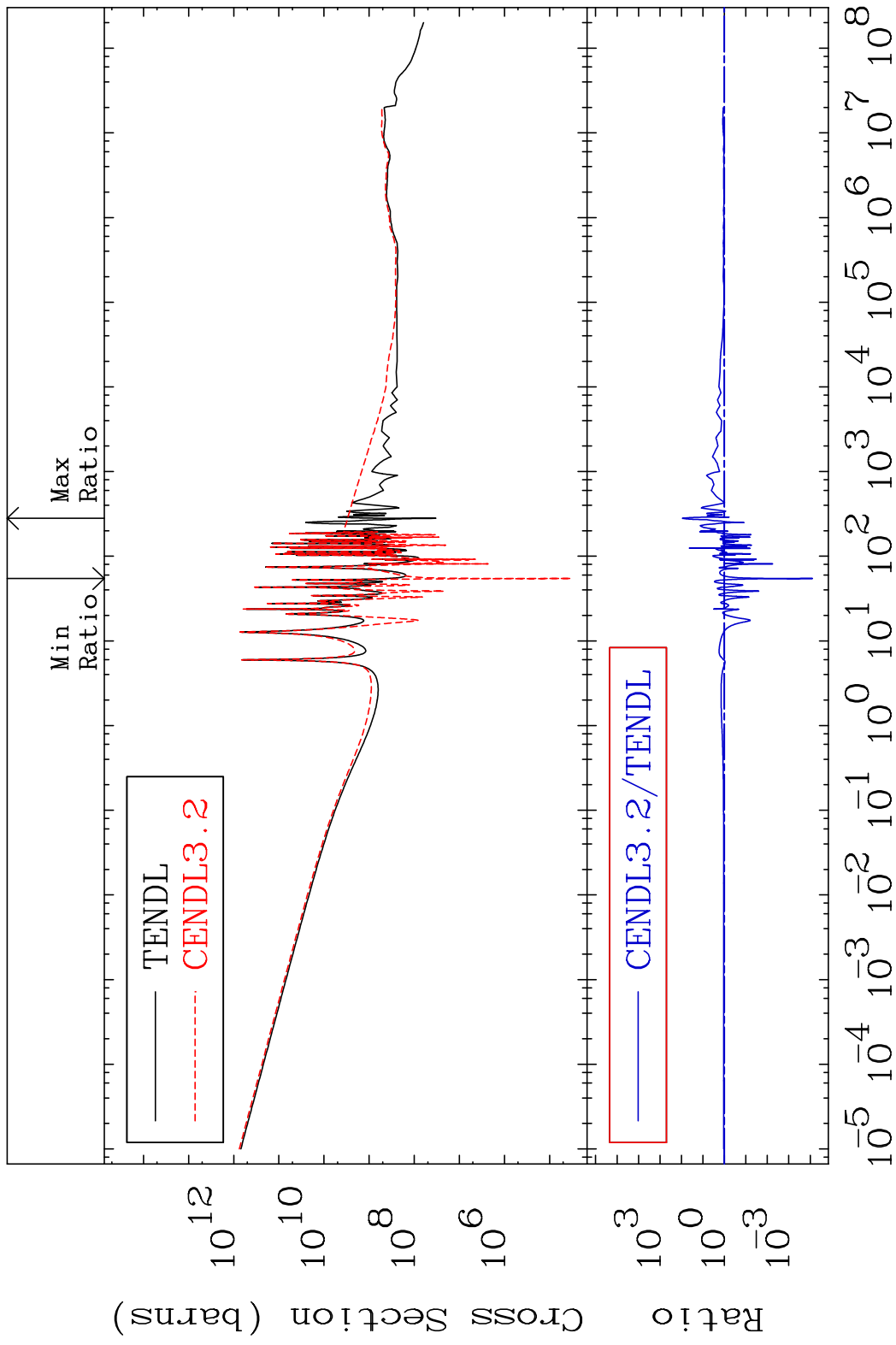


MAT 9219 Total photon (eV-barns) 92-U -232
 Cross Section 9999. To 9999. %



38 Incident Energy (eV) 92-U -232

MAT 9219 Total kinematic kerma (high limit) 92-U -232
 Cross Section -99.99 To 8971. %



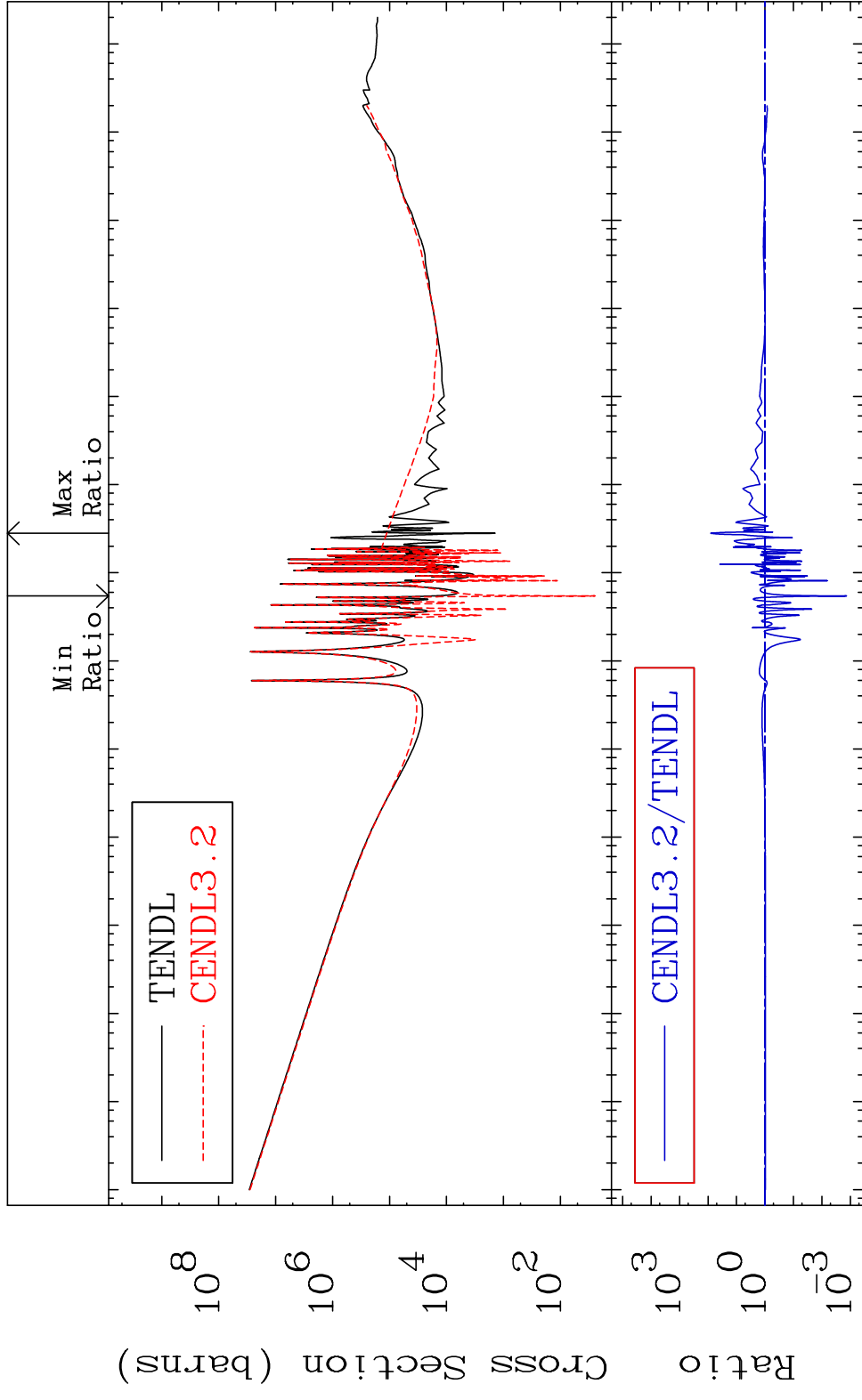
39 Incident Energy (eV) 92-U -232

MAT 9219

Dpa total (eV-barns)

92-U -232

Cross Section -99.86 To 7953. %



40

Incident Energy (eV)

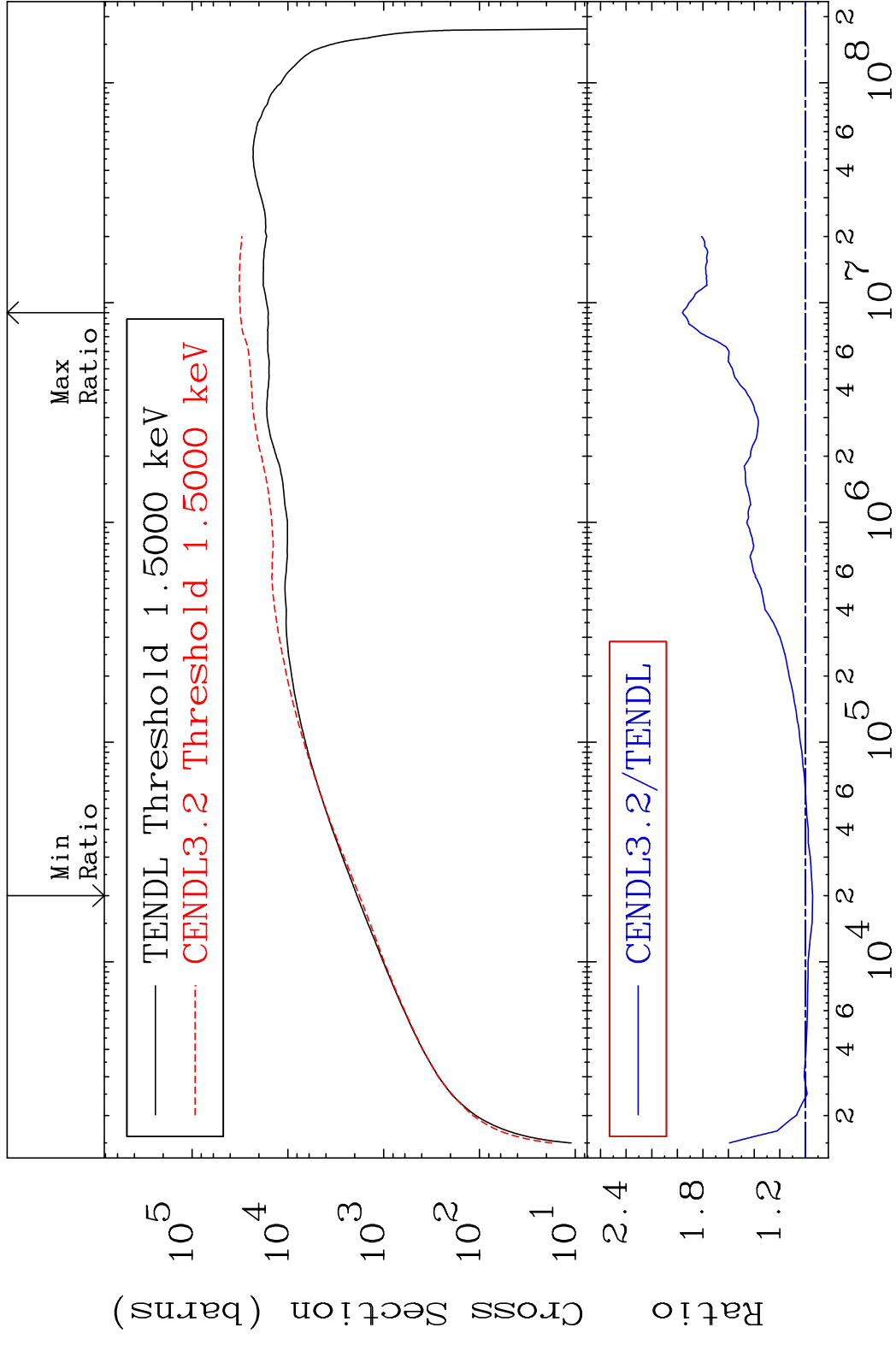
92-U -232

MAT 9219

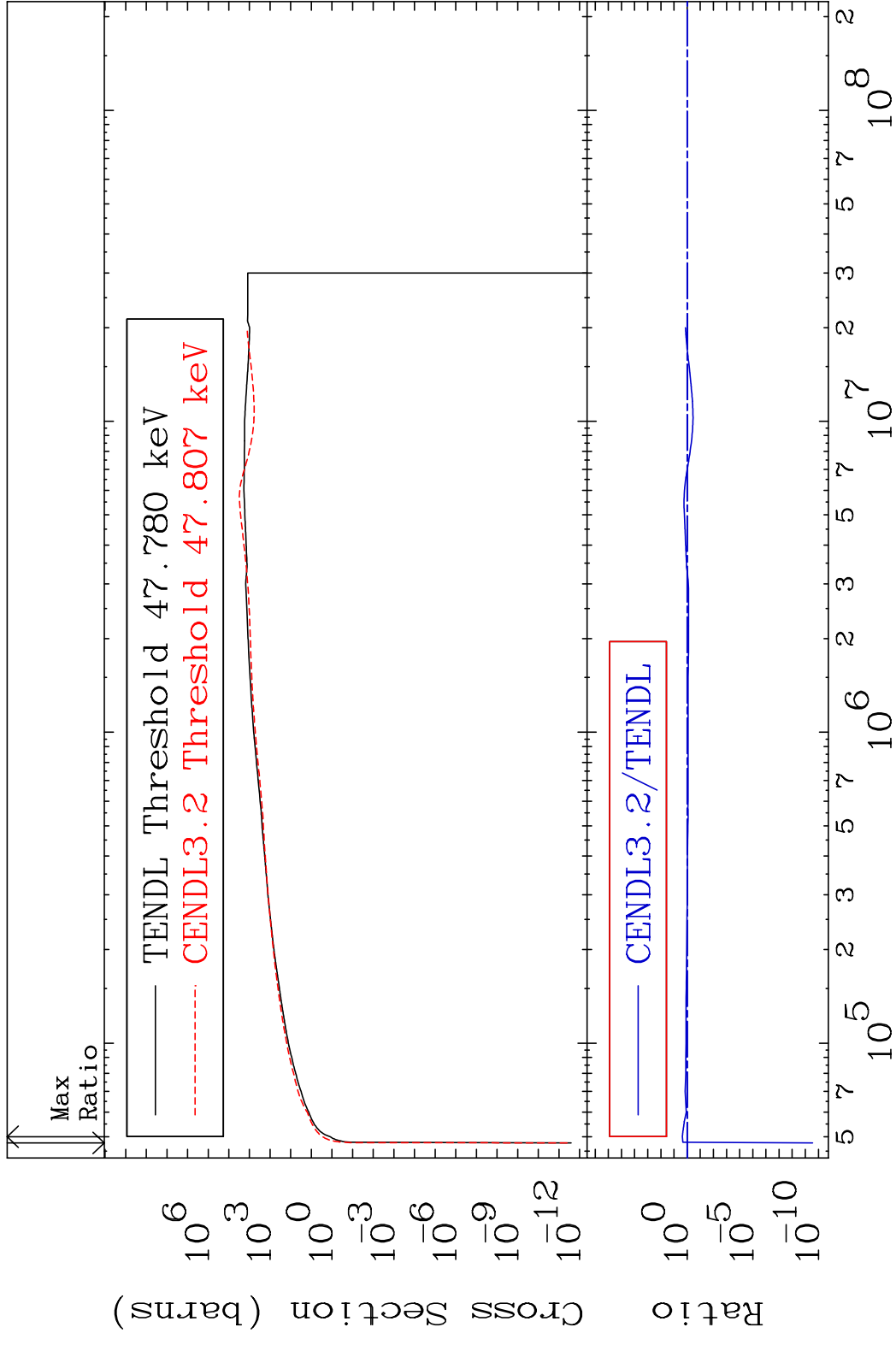
Dpa elastic (mt2)

92-U -232

Cross Section -5.622 To 96.07 %



MAT 9219 Dpa inelastic (mt51-91) 92-U -232
 Cross Section -100.0 To 130.7 %



MAT 9219 Dpa disappearance (mt102 -120) 92-U -232
 Cross Section -30.73 To 9999. %

