

Program Complot
(Version 2021-1)

by

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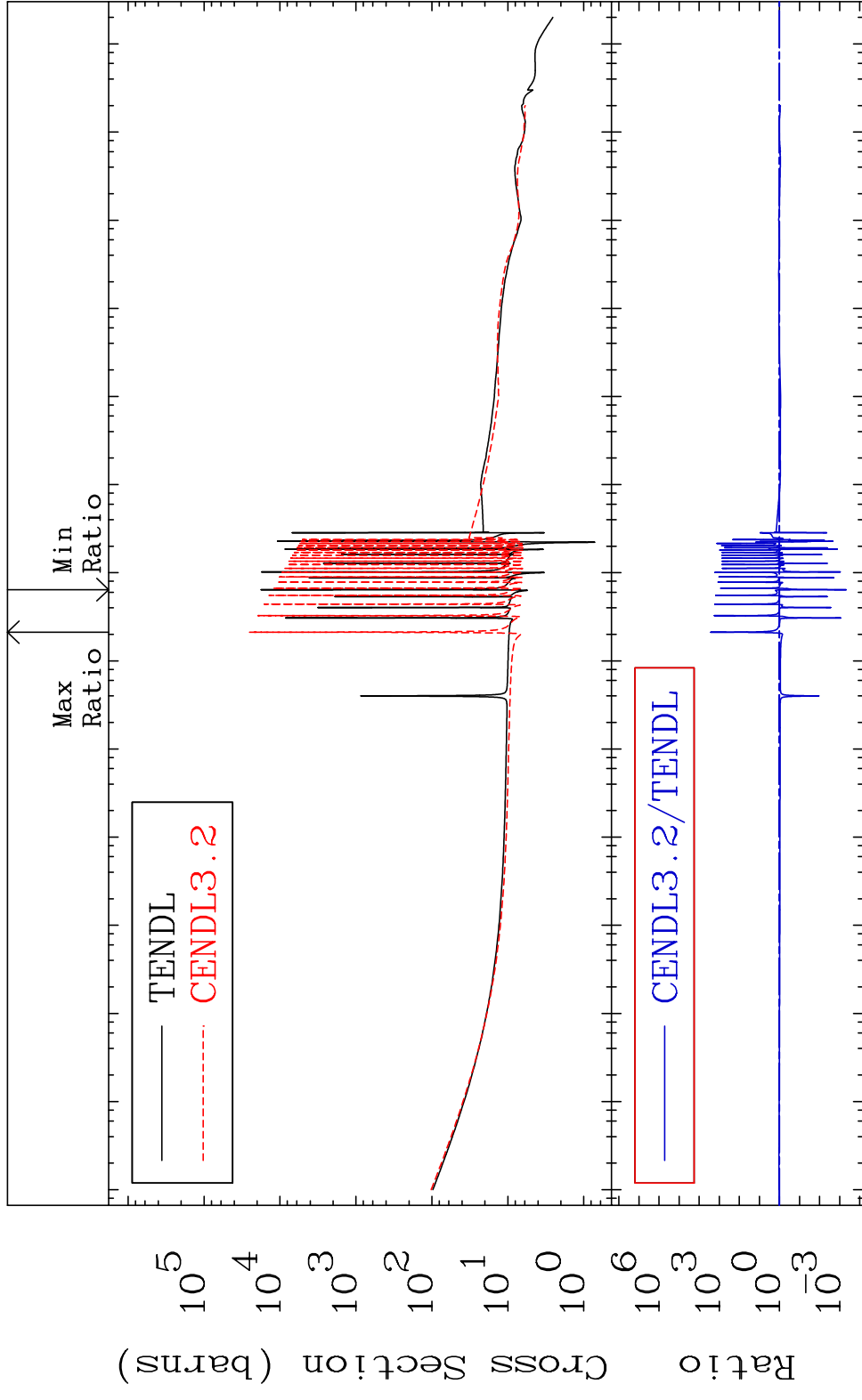
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Total Cross Section -99.95 To 9999. %

94-Pu-244



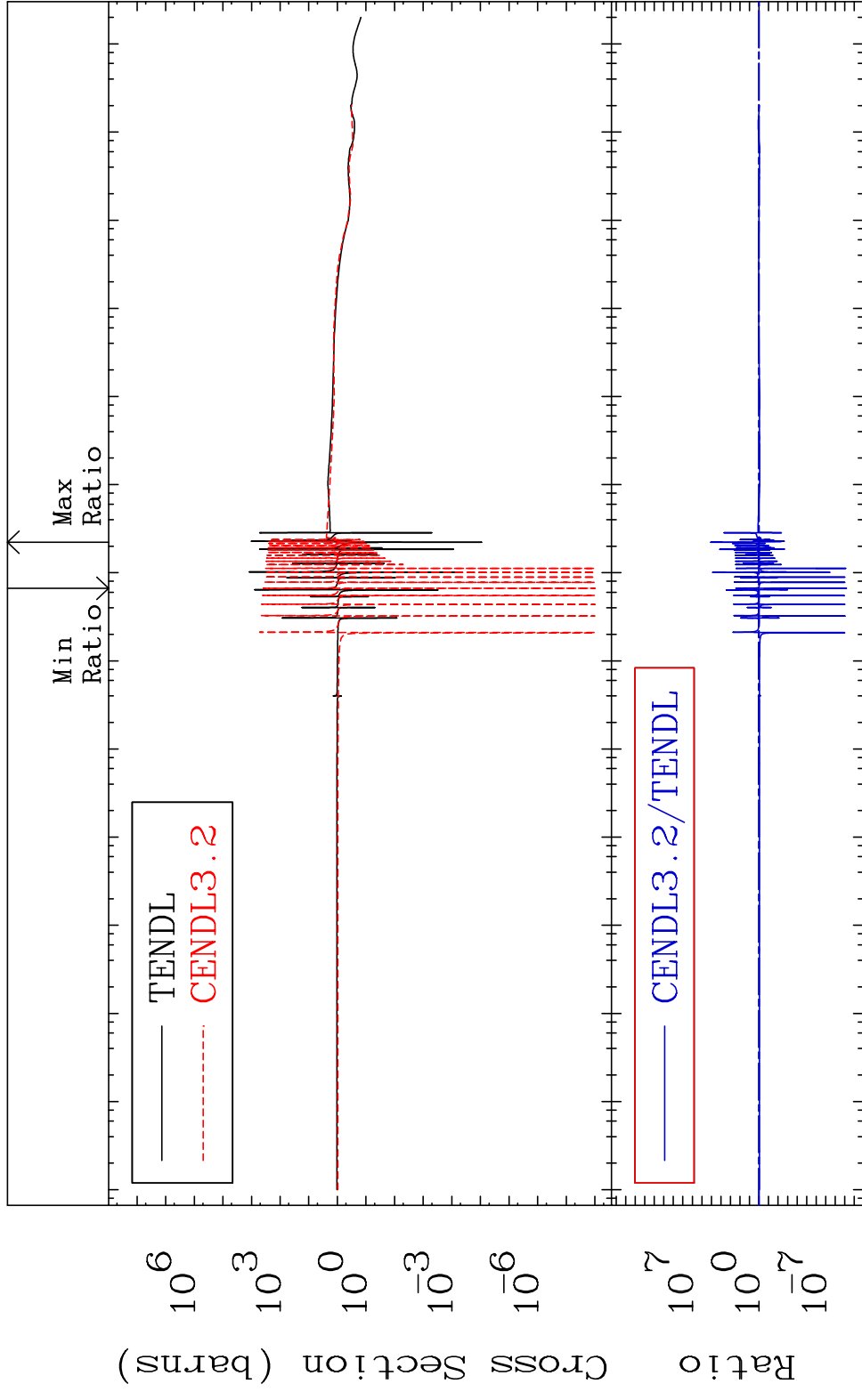
1 Incident Energy (eV) 94-Pu-244

MAT 9452

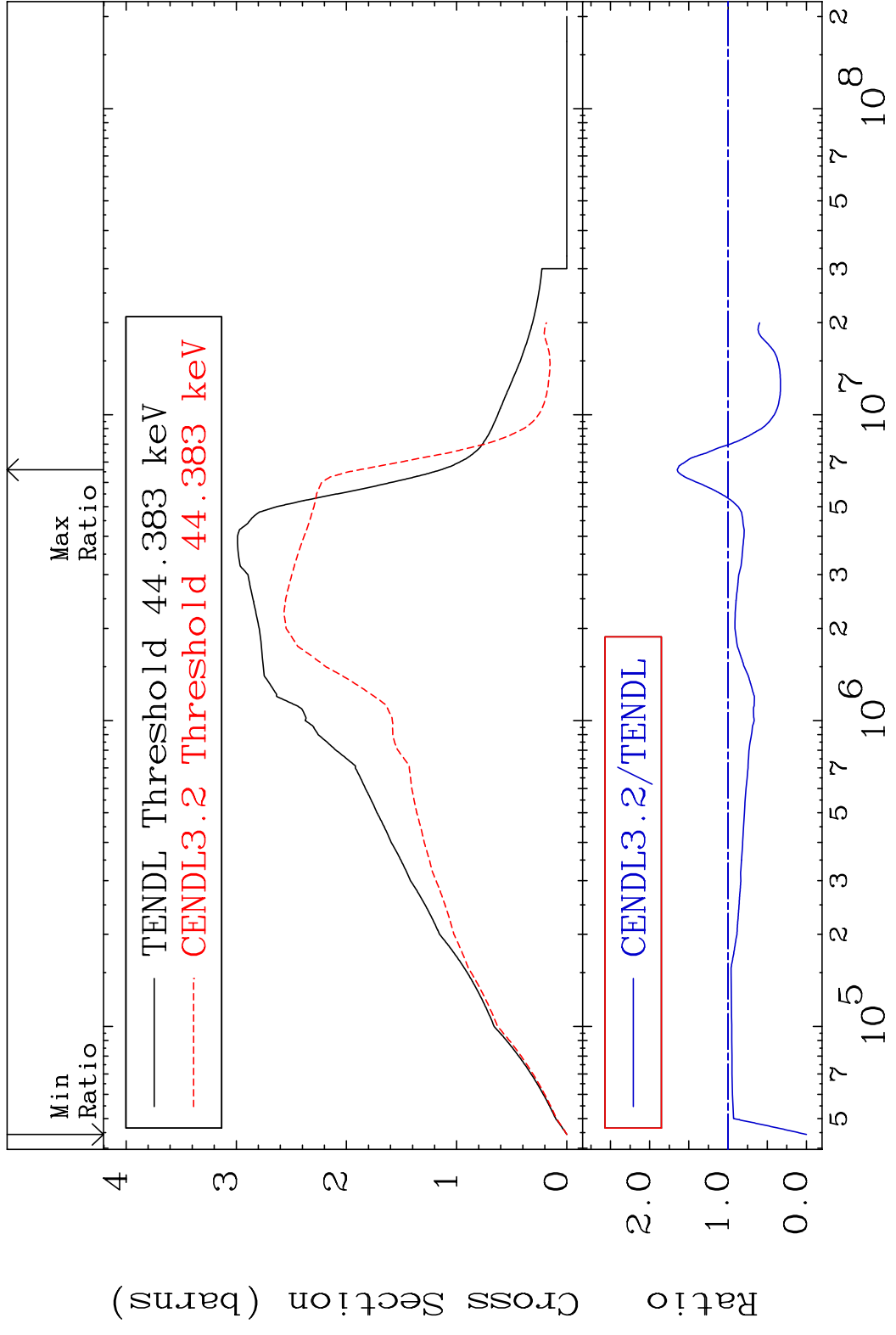
94-Pu-244

Elastic

Cross Section -100.0 To 9999. %

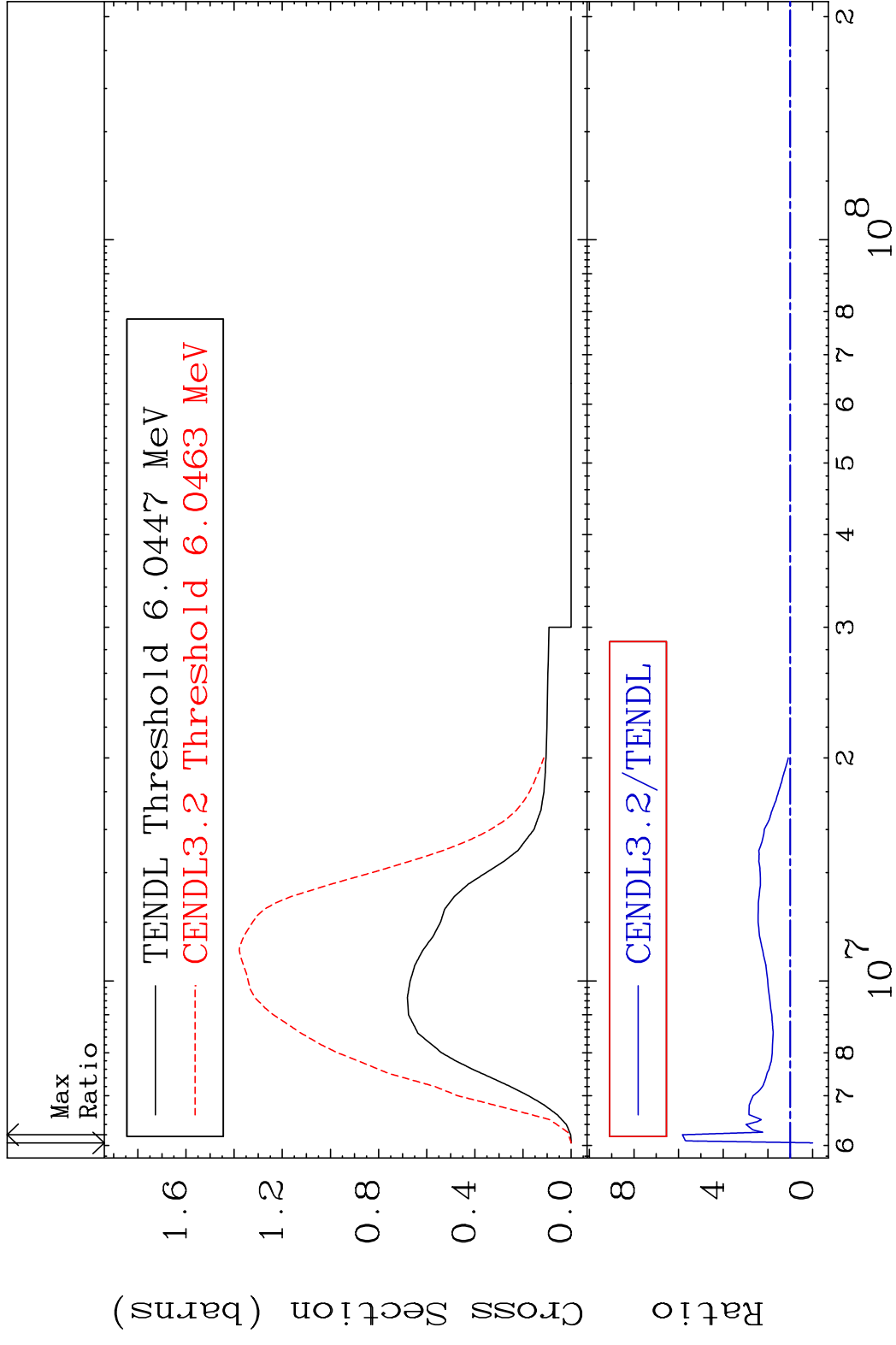


MAT 9452 Inelastic 94-Pu-244
 Cross Section -100.0 To 64.88 %



3 Incident Energy (eV) 94-Pu-244

MAT 9452 (n,2n) 94-Pu-244
 Cross Section -100.0 To 483.2 %



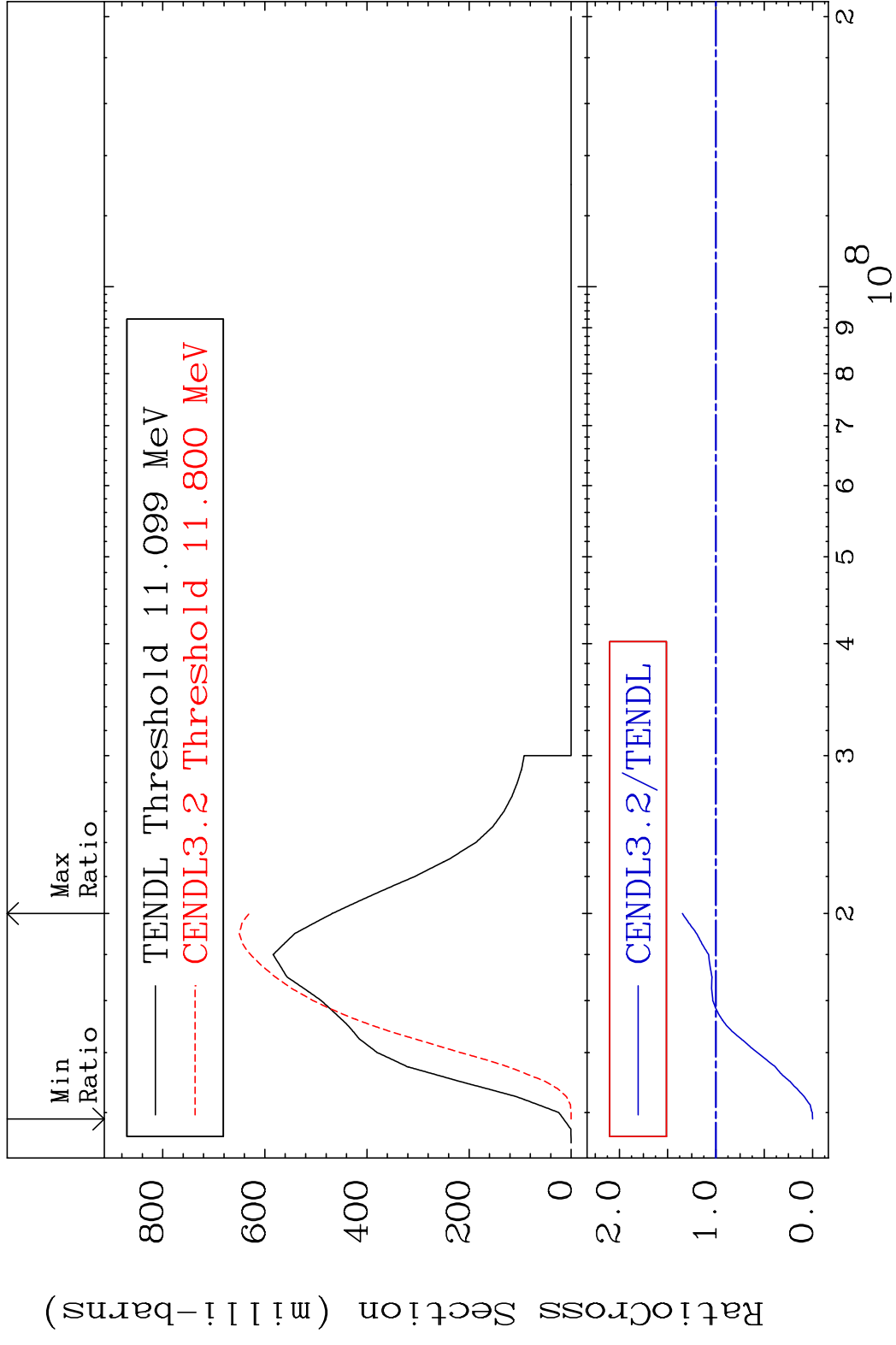
4 Incident Energy (eV) 94-Pu-244

MAT 9452

(n,3n)

94-Pu-244

Cross Section -100.0 To 34.78 %



5

Incident Energy (eV)

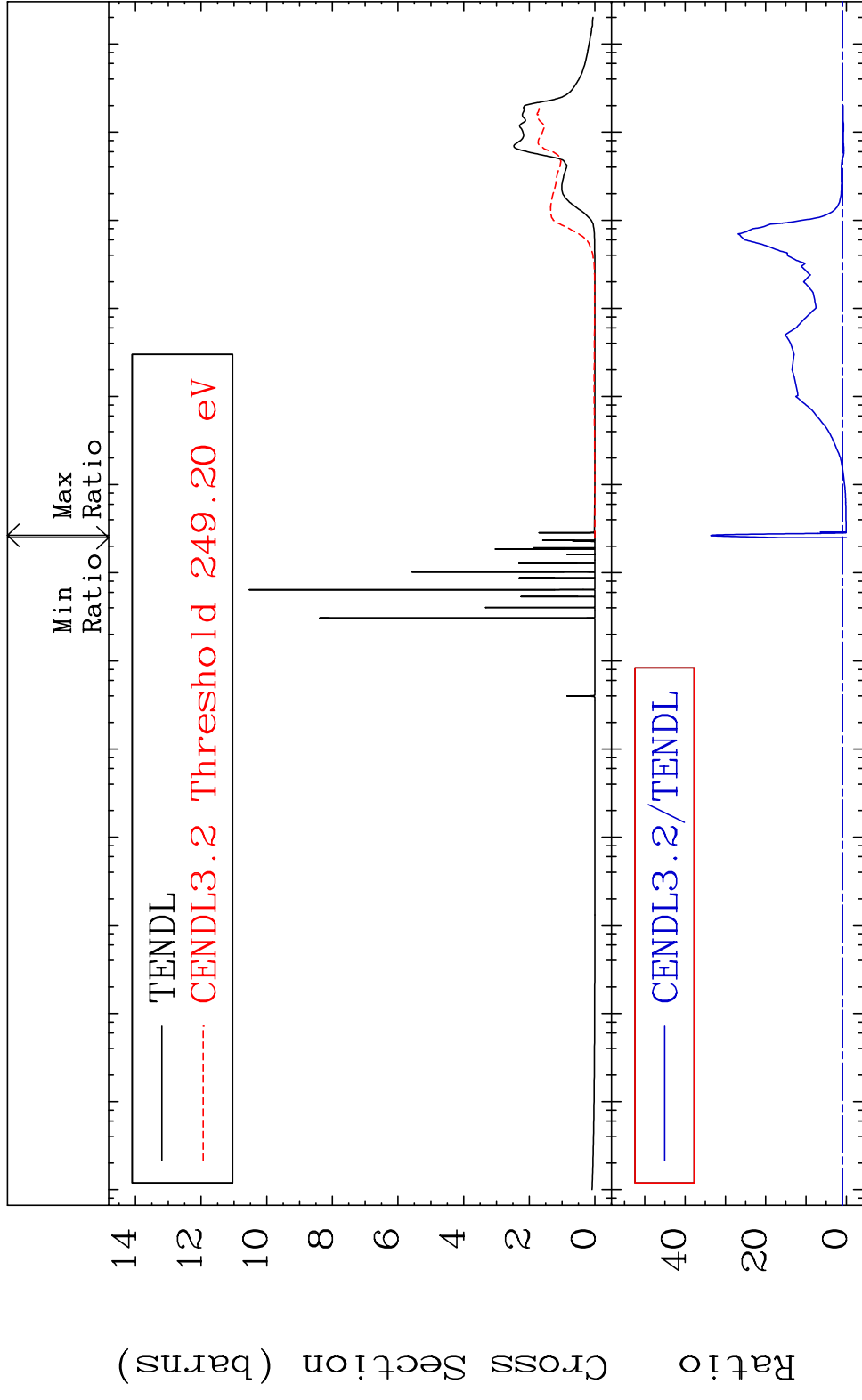
94-Pu-244

MAT 9452

94-Pu-244

Fission

Cross Section -100.0 To 3264. %

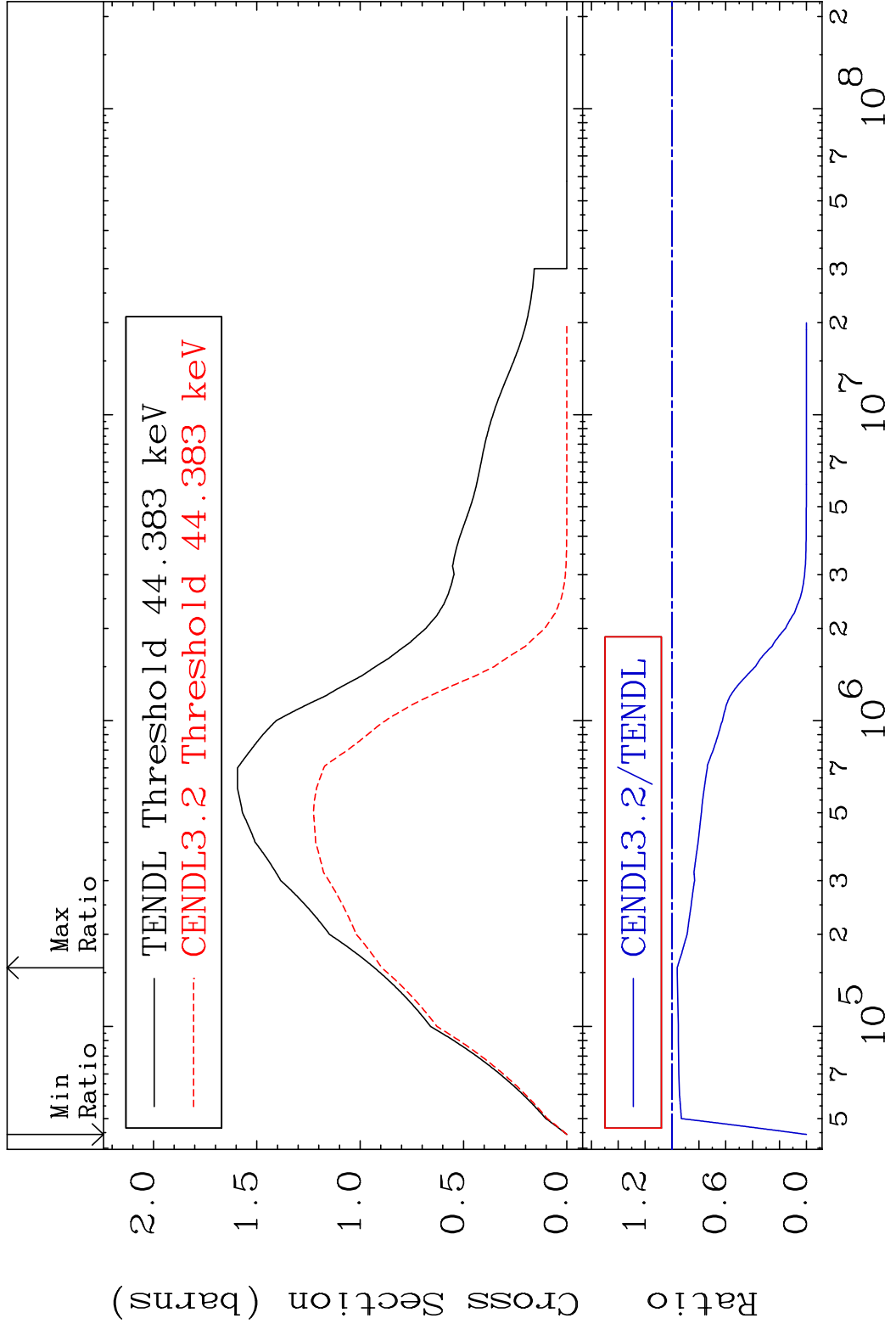


6

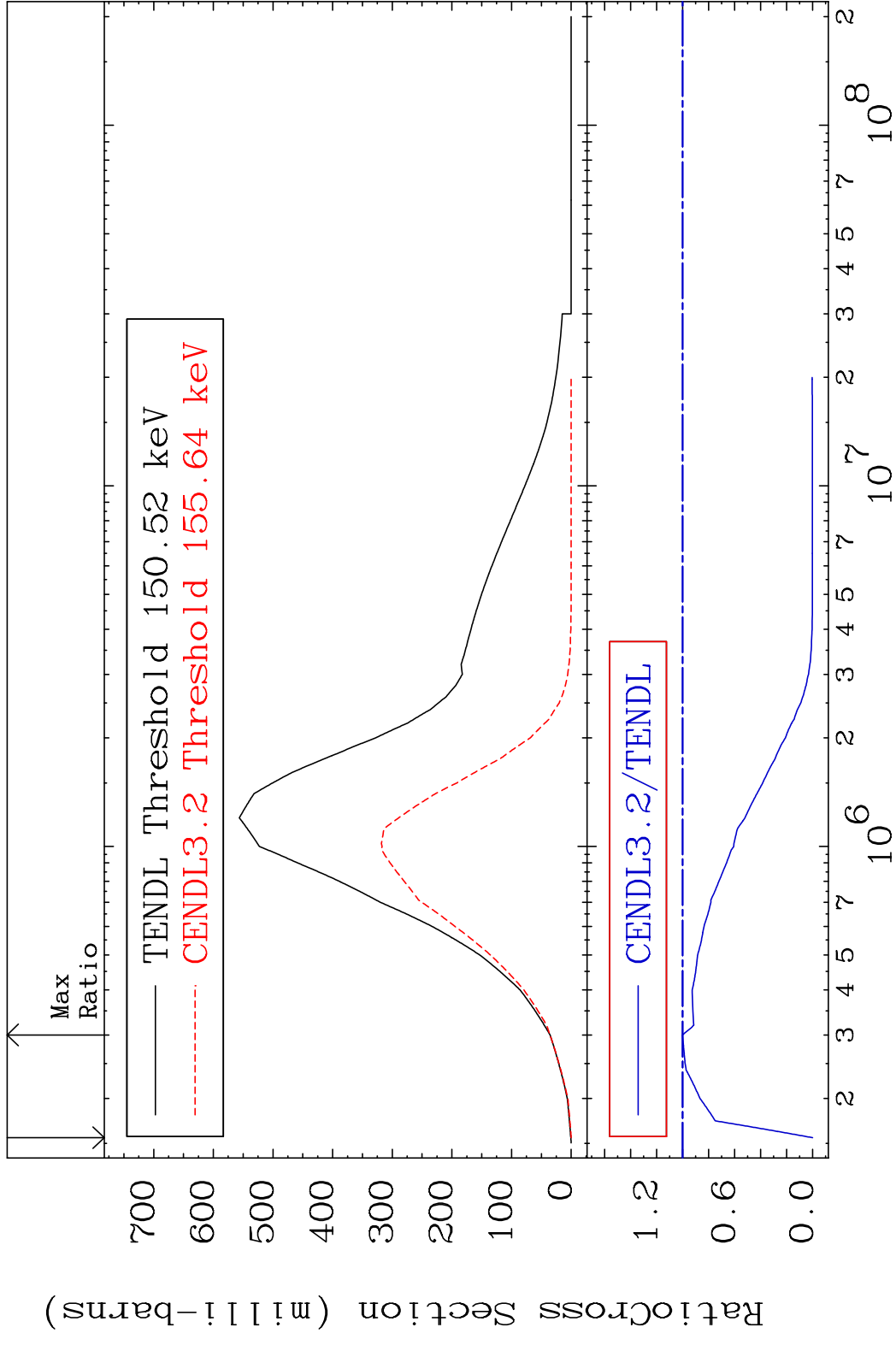
Incident Energy (eV)

94-Pu-244

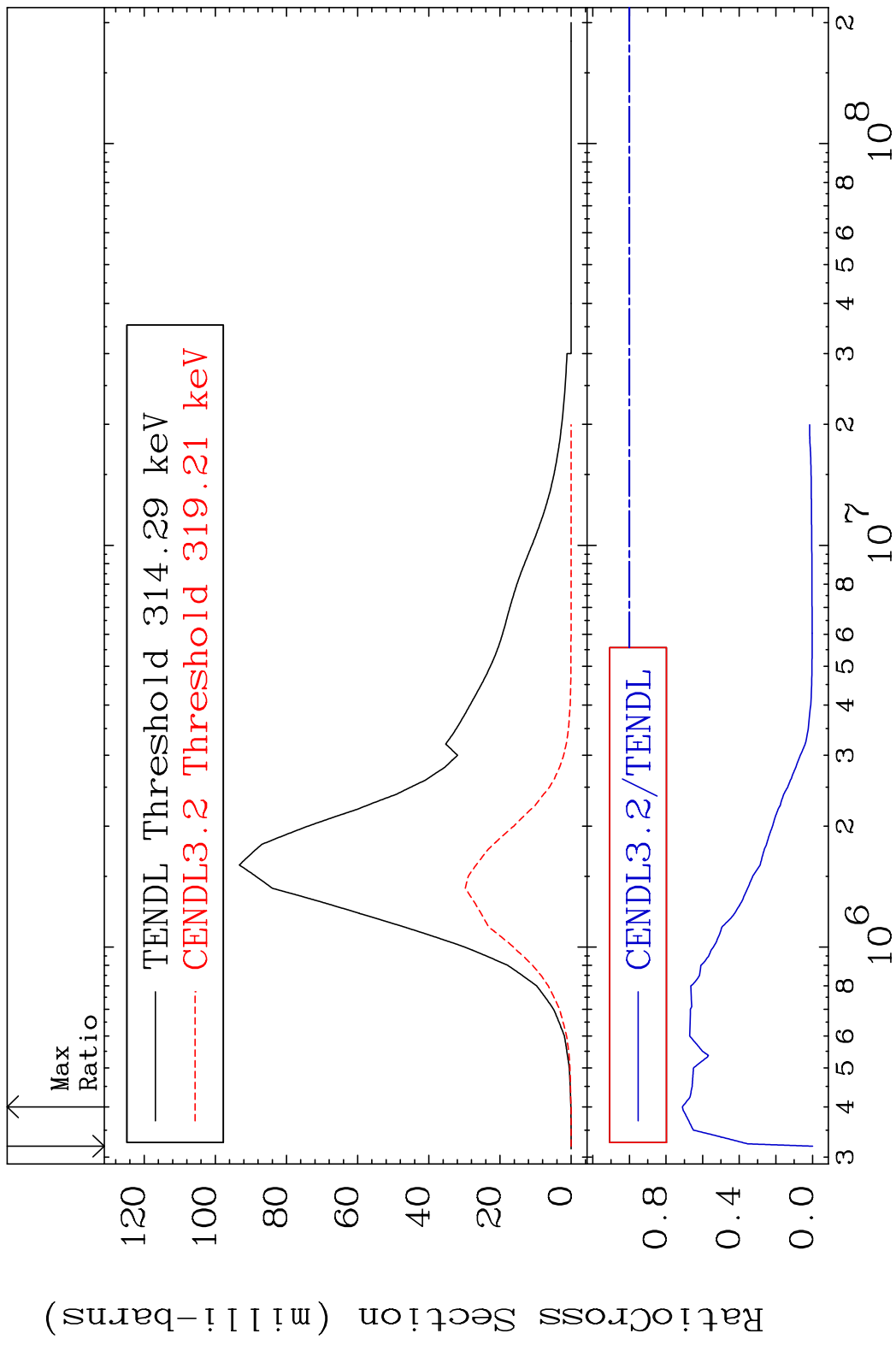
MAT 9452 MT= 51 (n, n') Level 94-Pu-244
 Cross Section -100.0 To -3.855%



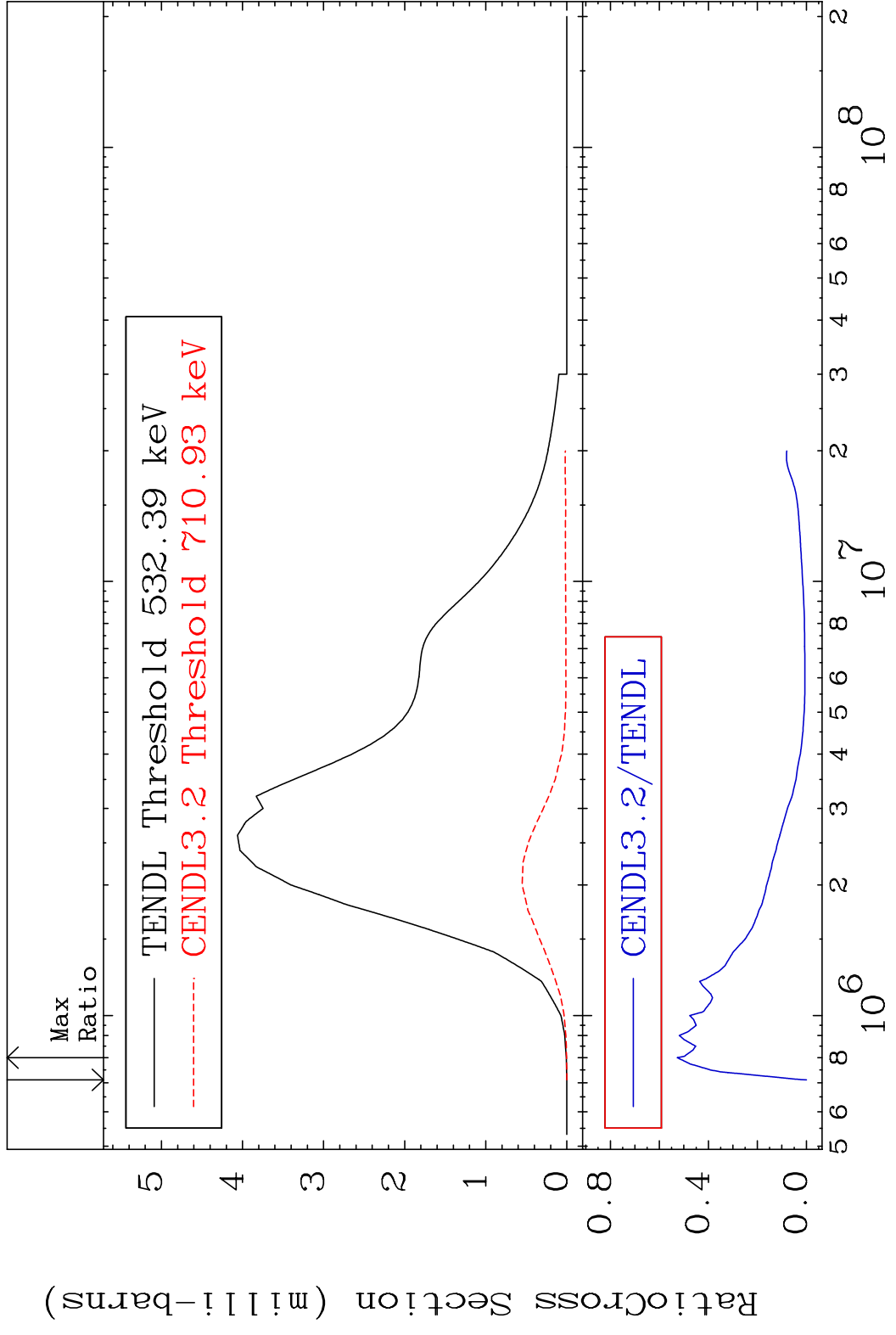
MAT 9452 MT= 52 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 0.169 %



MAT 9452 MT= 53 (n, n') Level 94-Pu-244
 Cross Section -100.0 To -28.92%

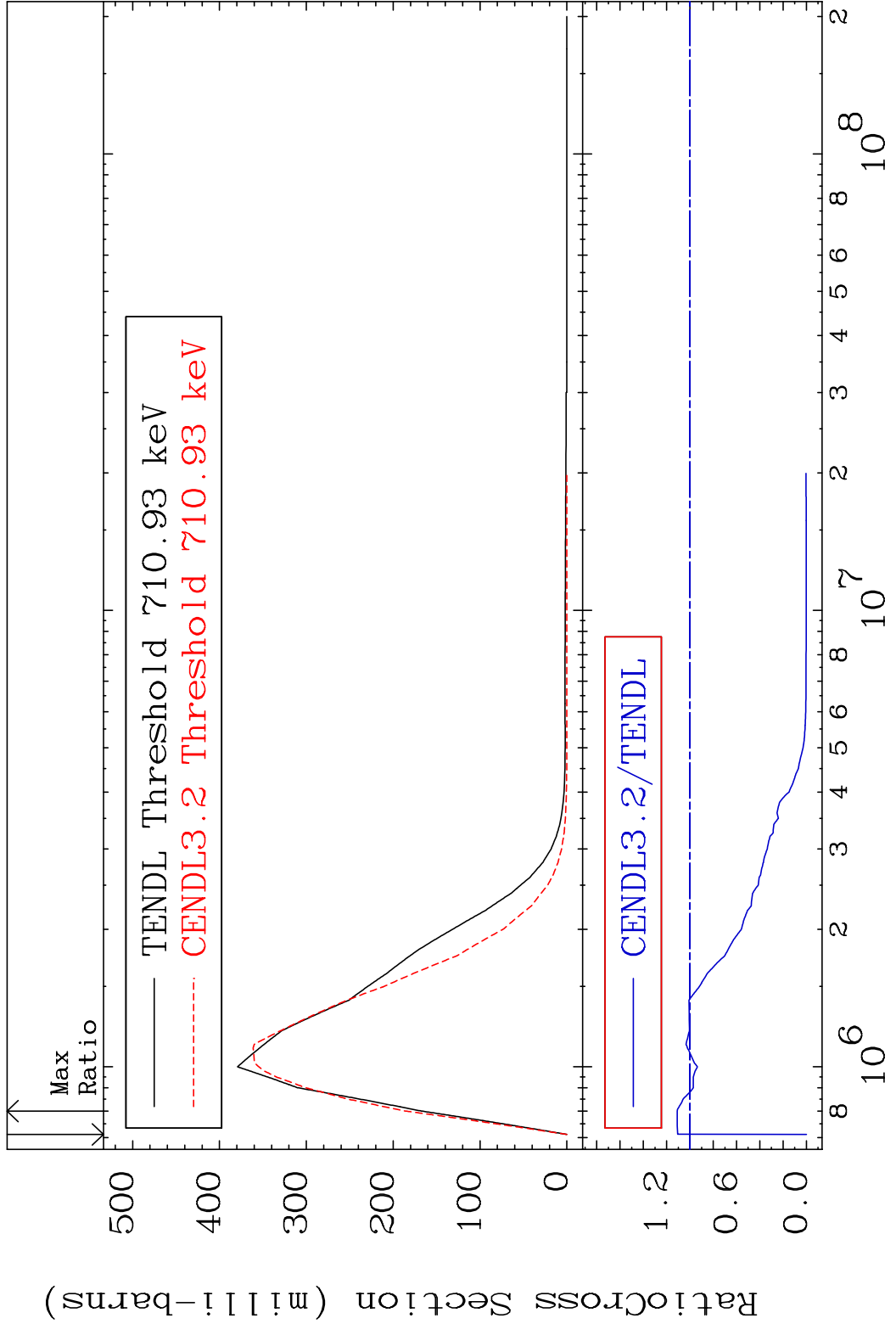


MAT 9452 MT= 54 (n,n') Level 94-Pu-244
 Cross Section -100.0 To -47.27%

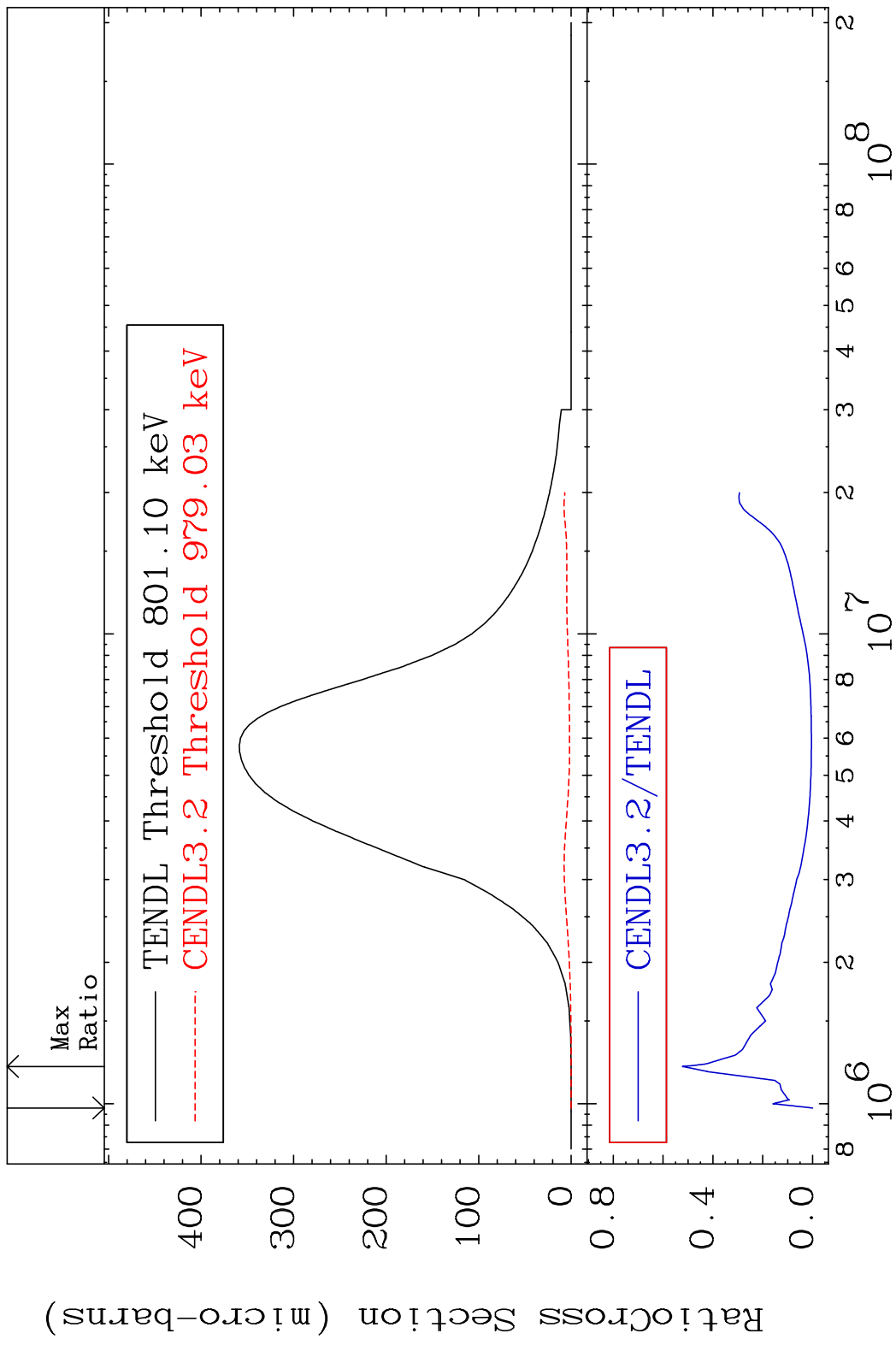


10 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 55 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 10.95 %

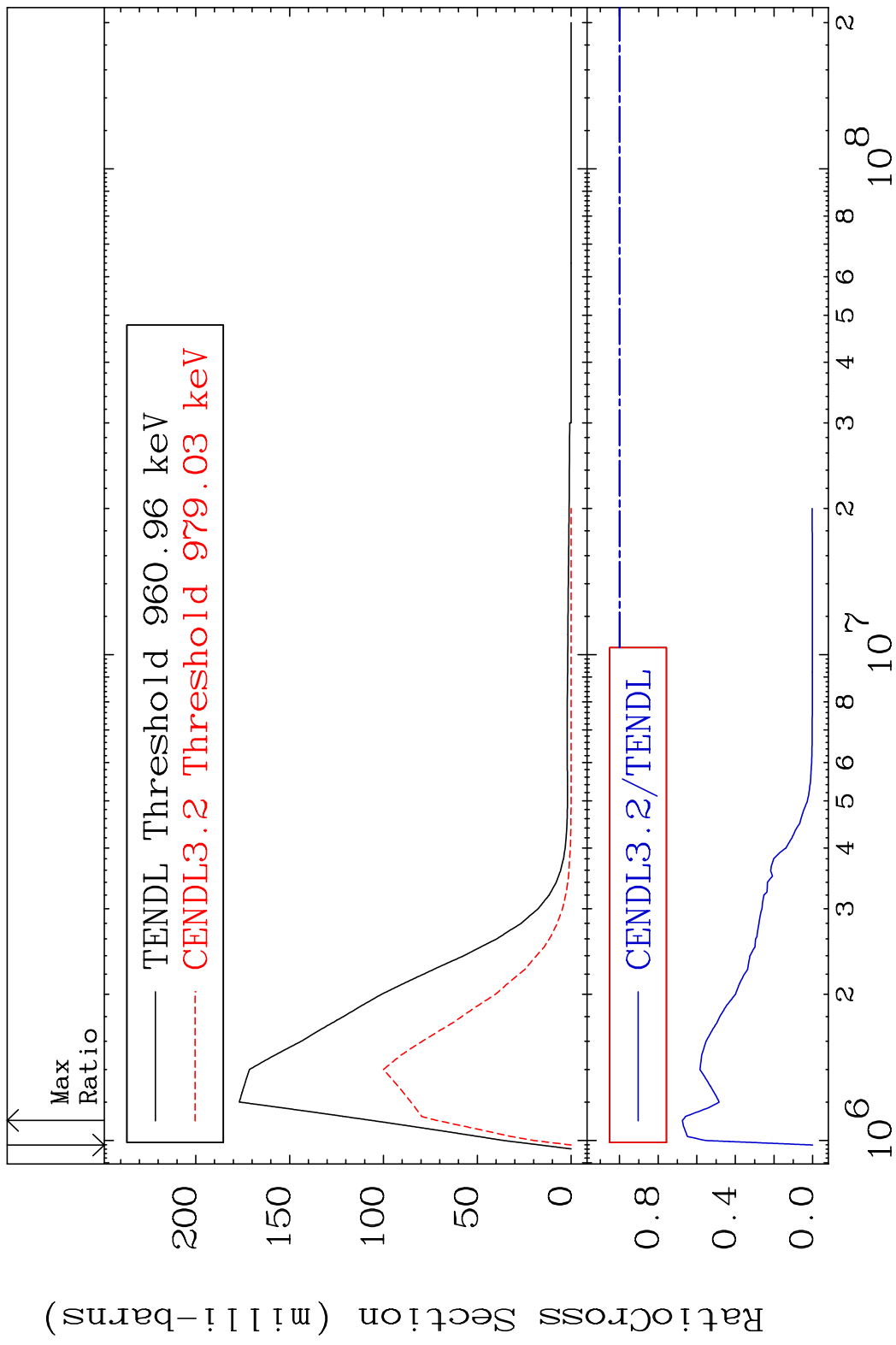


MAT 9452 MT= 56 (n, n') Level 94-Pu-244
 Cross Section -100.0 To -47.73%



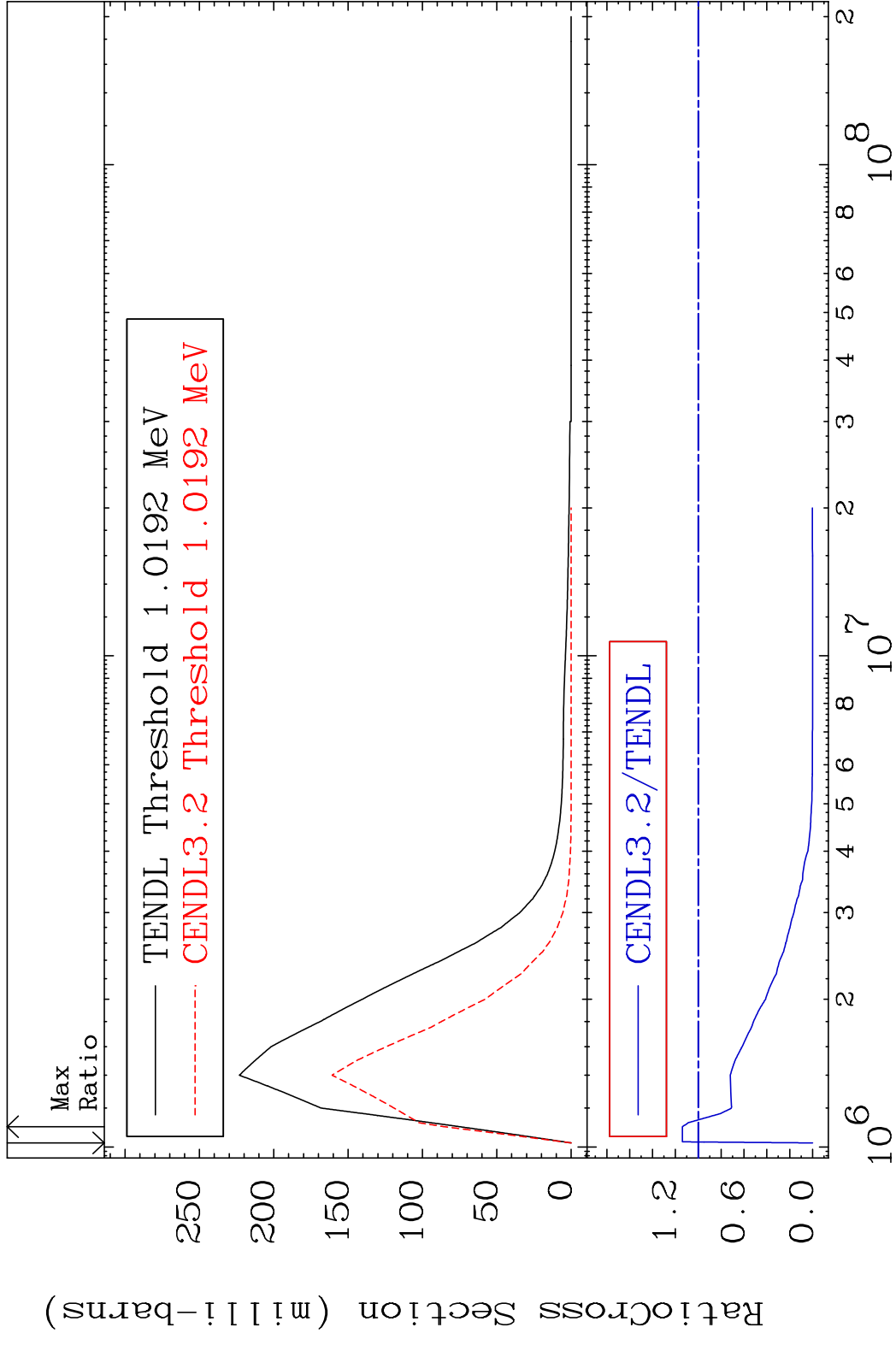
12 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 57 (n, n') Level 94-Pu-244
 Cross Section -100.0 To -32.54%



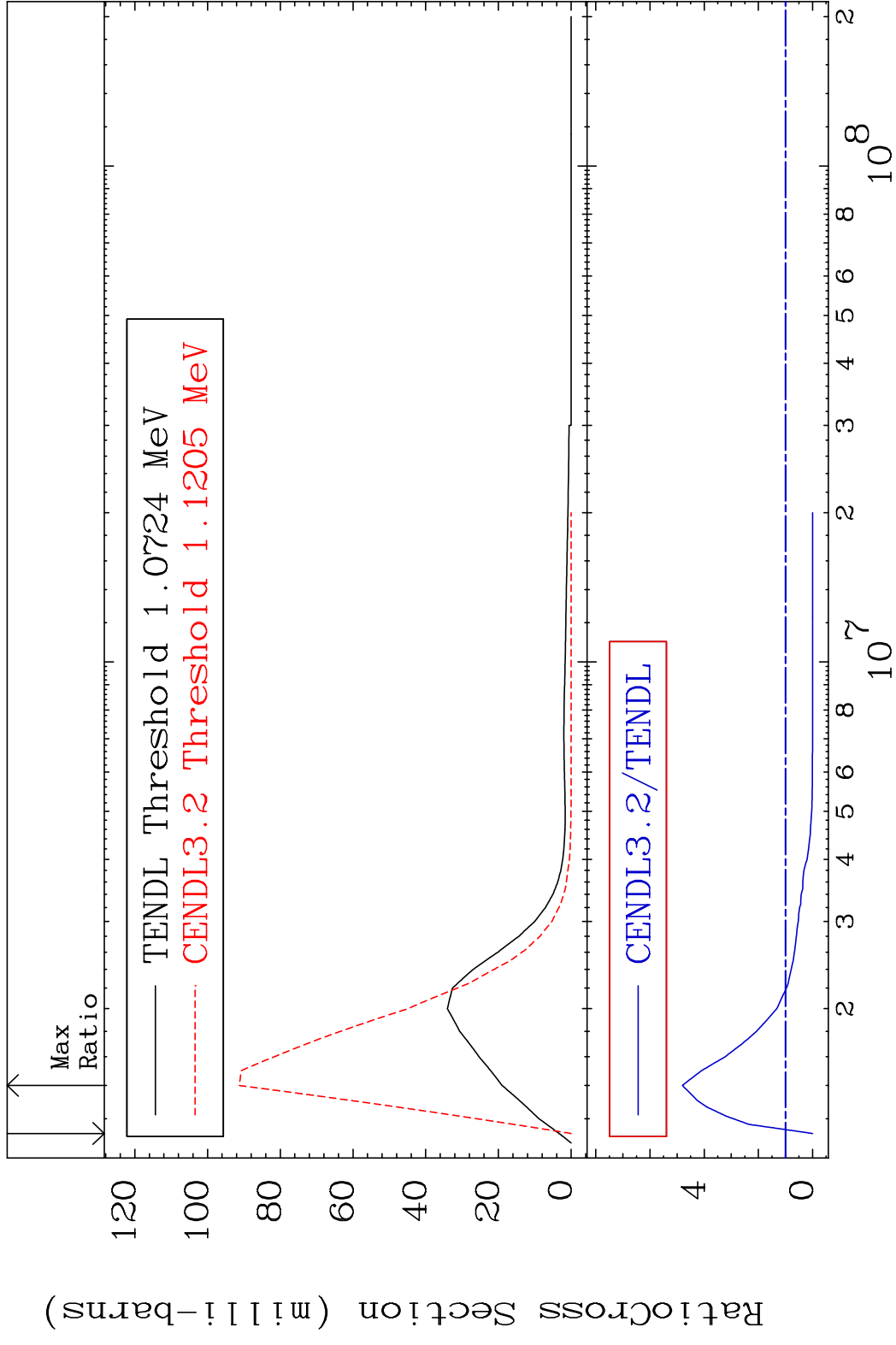
13 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 58 (n, n') Level 94-Pu-244
 Cross Section -100.0 To 13.91 %



14 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 59 (n, n') Level 94-Pu-244
 Cross Section -100.0 To 380.5 %

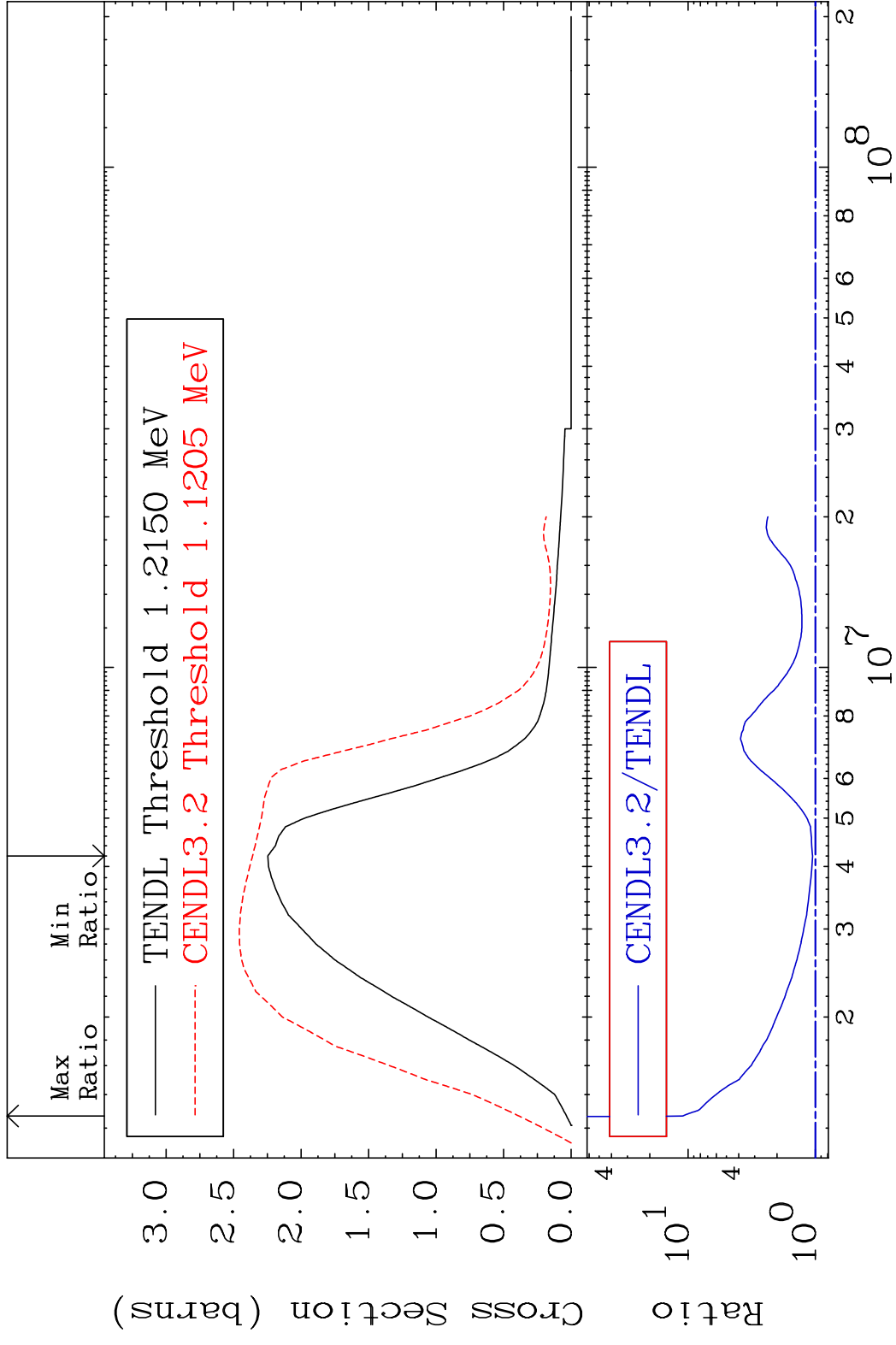


MAT 9452

(n,n') Continuum

94-Pu-244

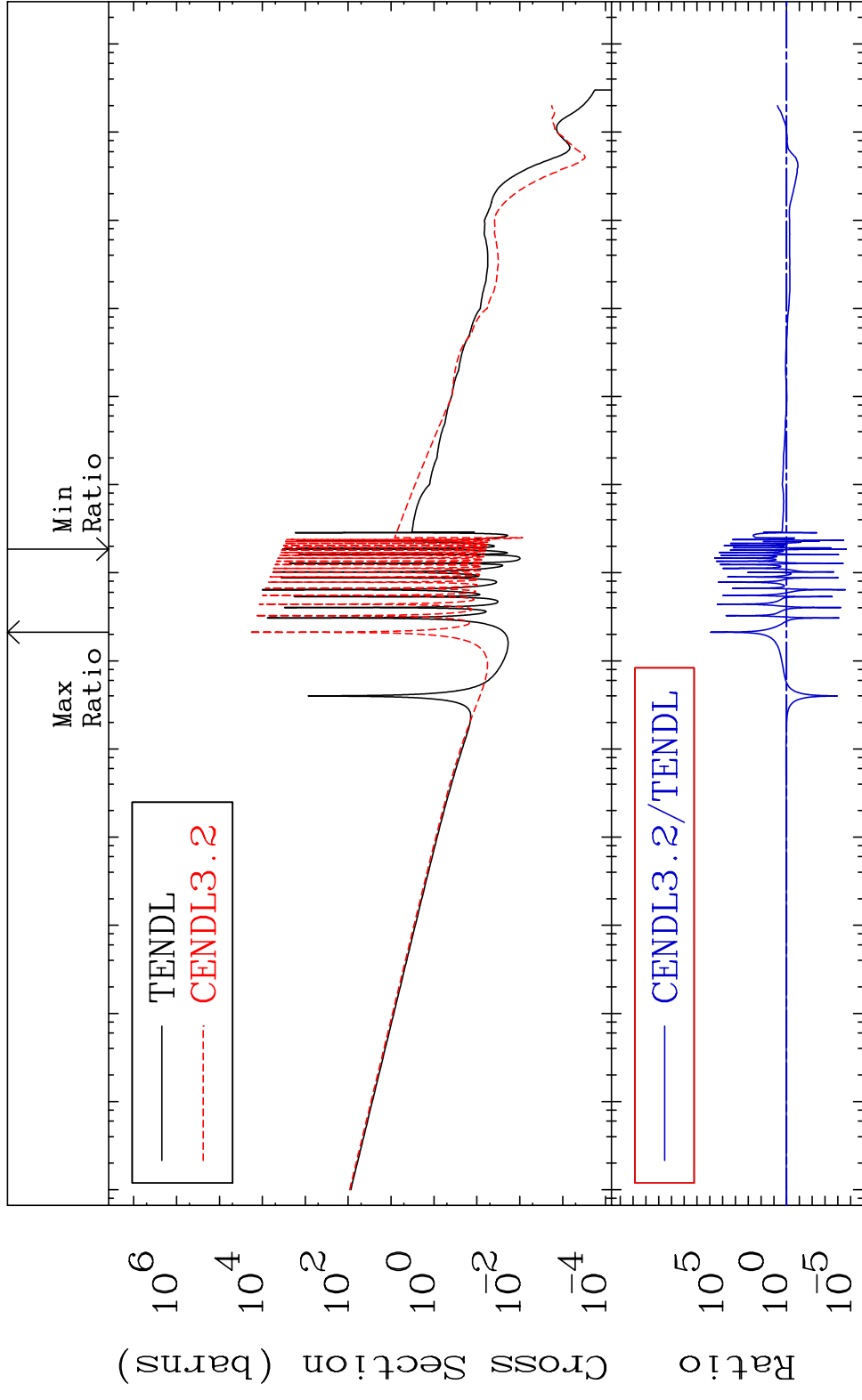
Cross Section 5.038 To 1009. %



MAT 9452

(n, γ)
Cross Section -100.0 To 9999. %

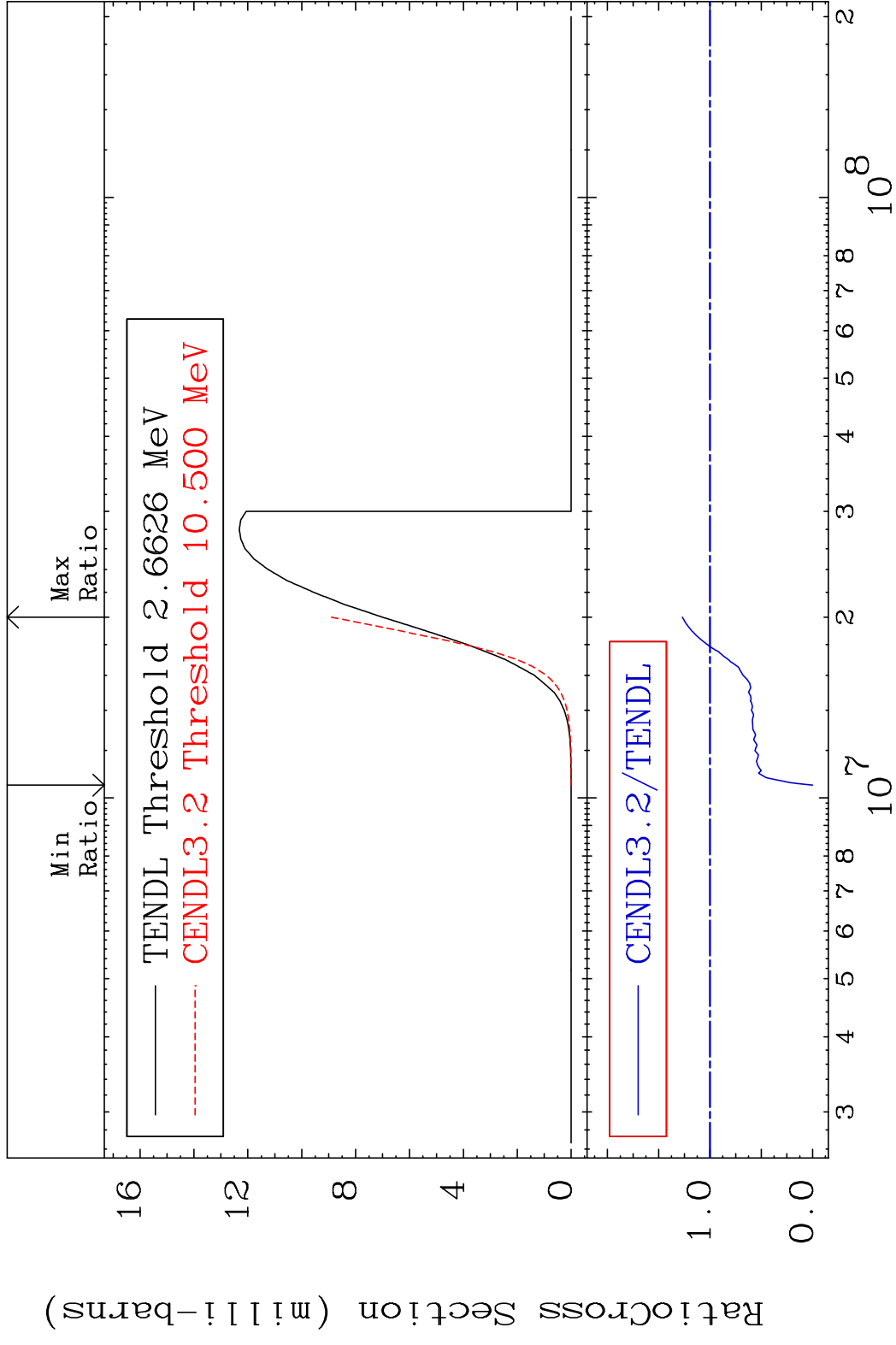
94-Pu-244



MAT 9452

(n,p) 94-Pu-244

Cross Section -100.0 To 26.97 %



18

Incident Energy (eV)

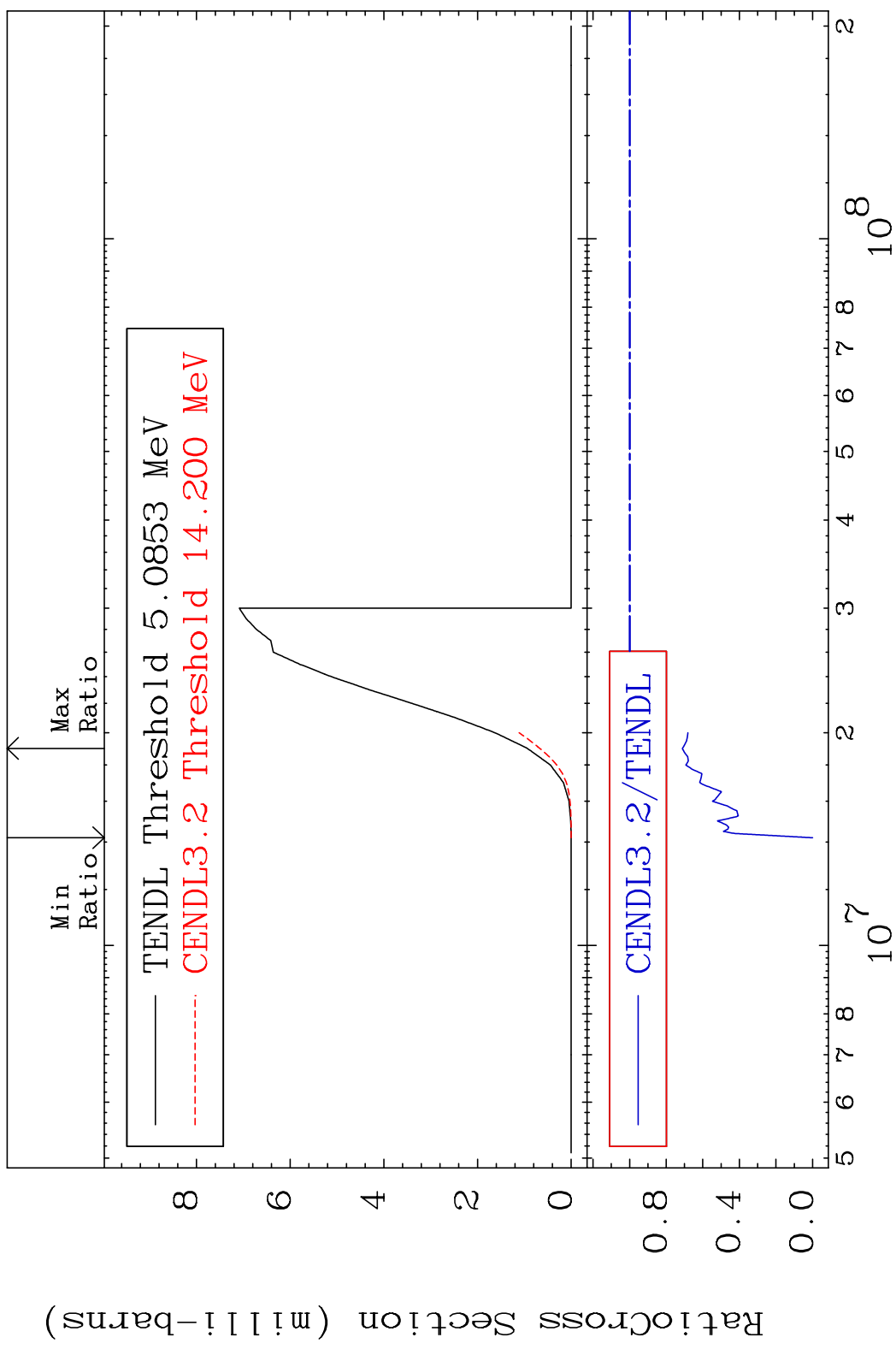
94-Pu-244

MAT 9452

(n, d)

94-Pu-244

Cross Section -100.0 To -28.82%

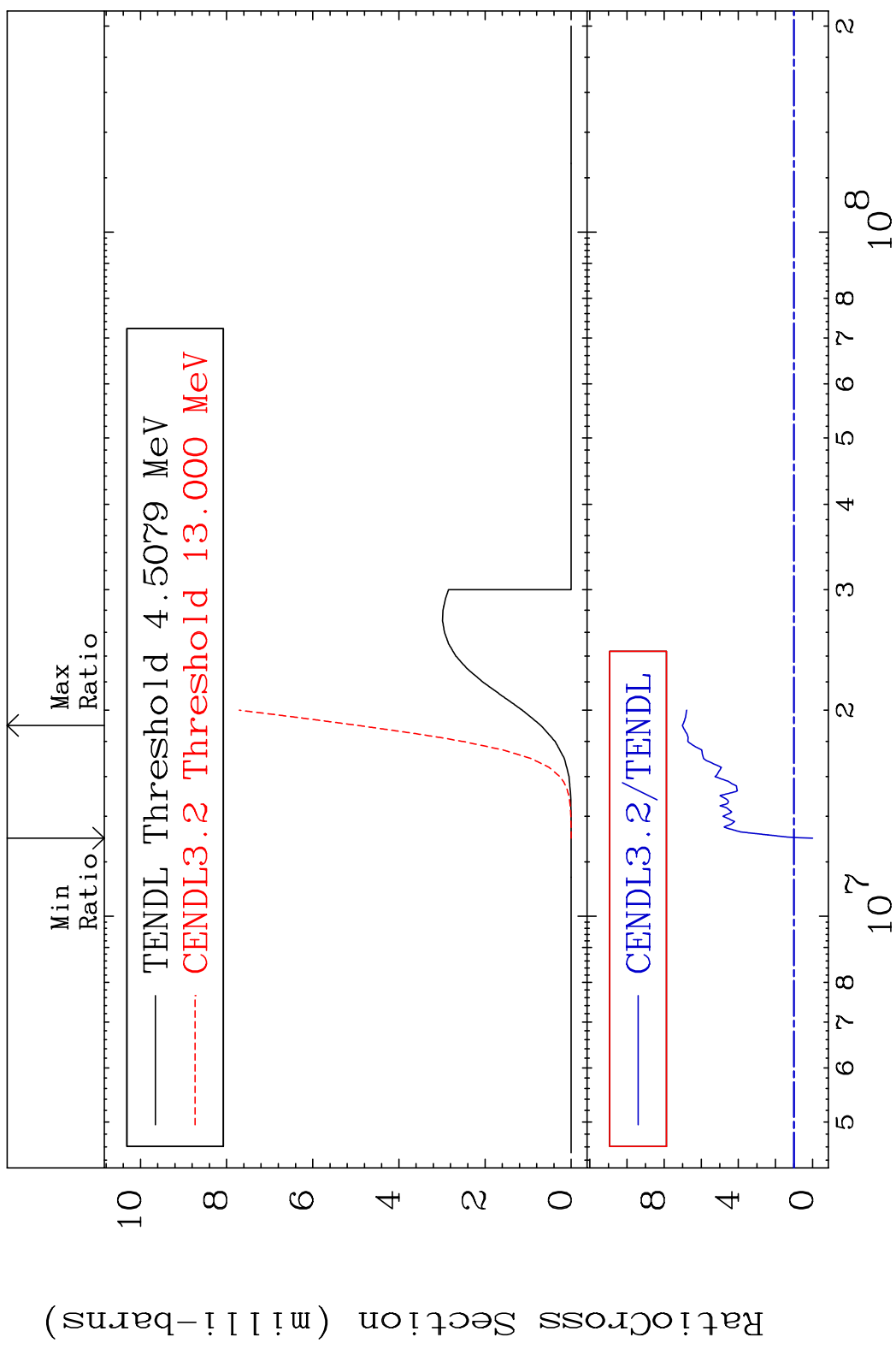


MAT 9452

(n, t)

94-Pu-244

Cross Section -100.0 To 601.6 %



20

Incident Energy (eV)

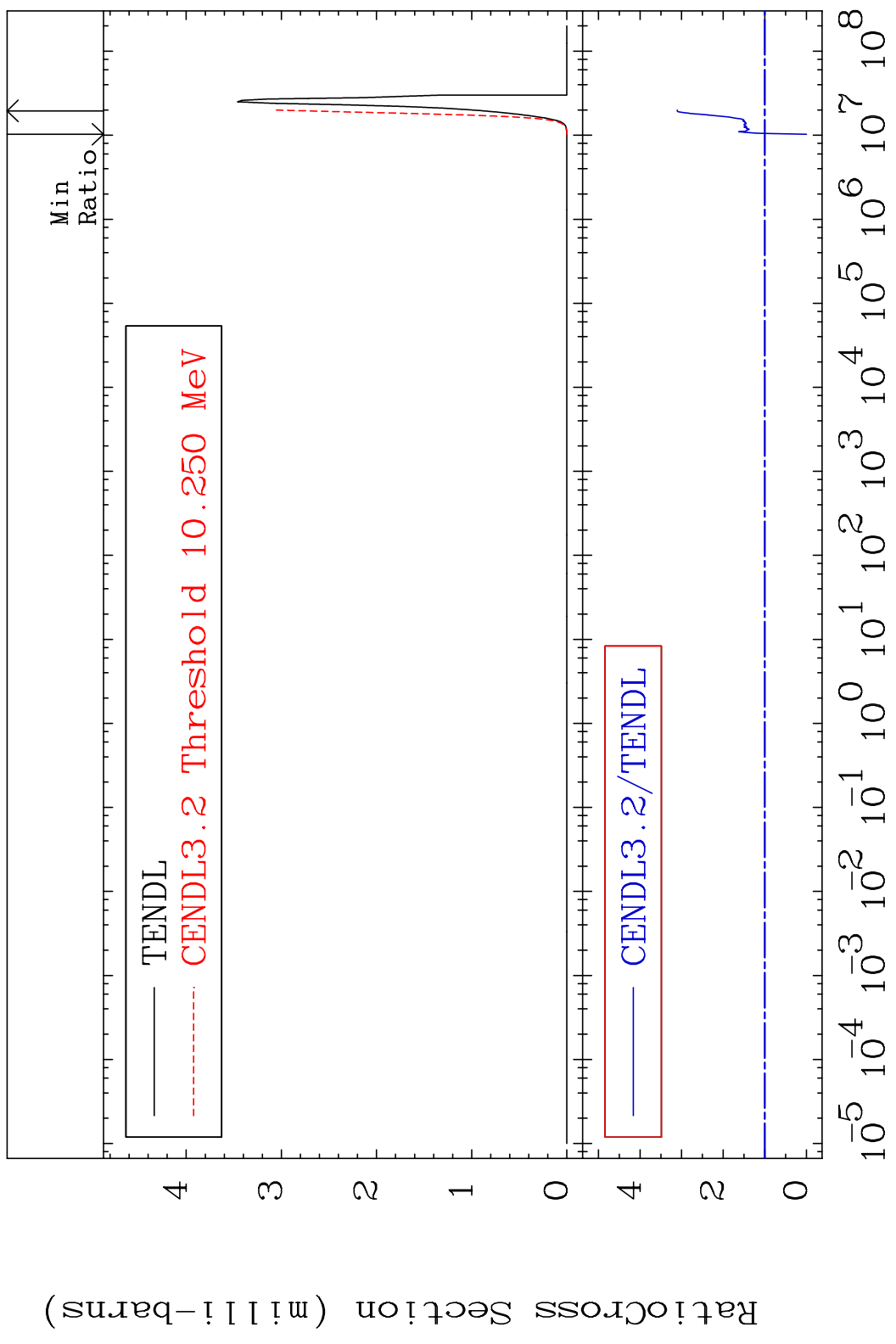
94-Pu-244

MAT 9452

(n, α)

94-Pu-244

Cross Section -100.0 To 210.7 %



21

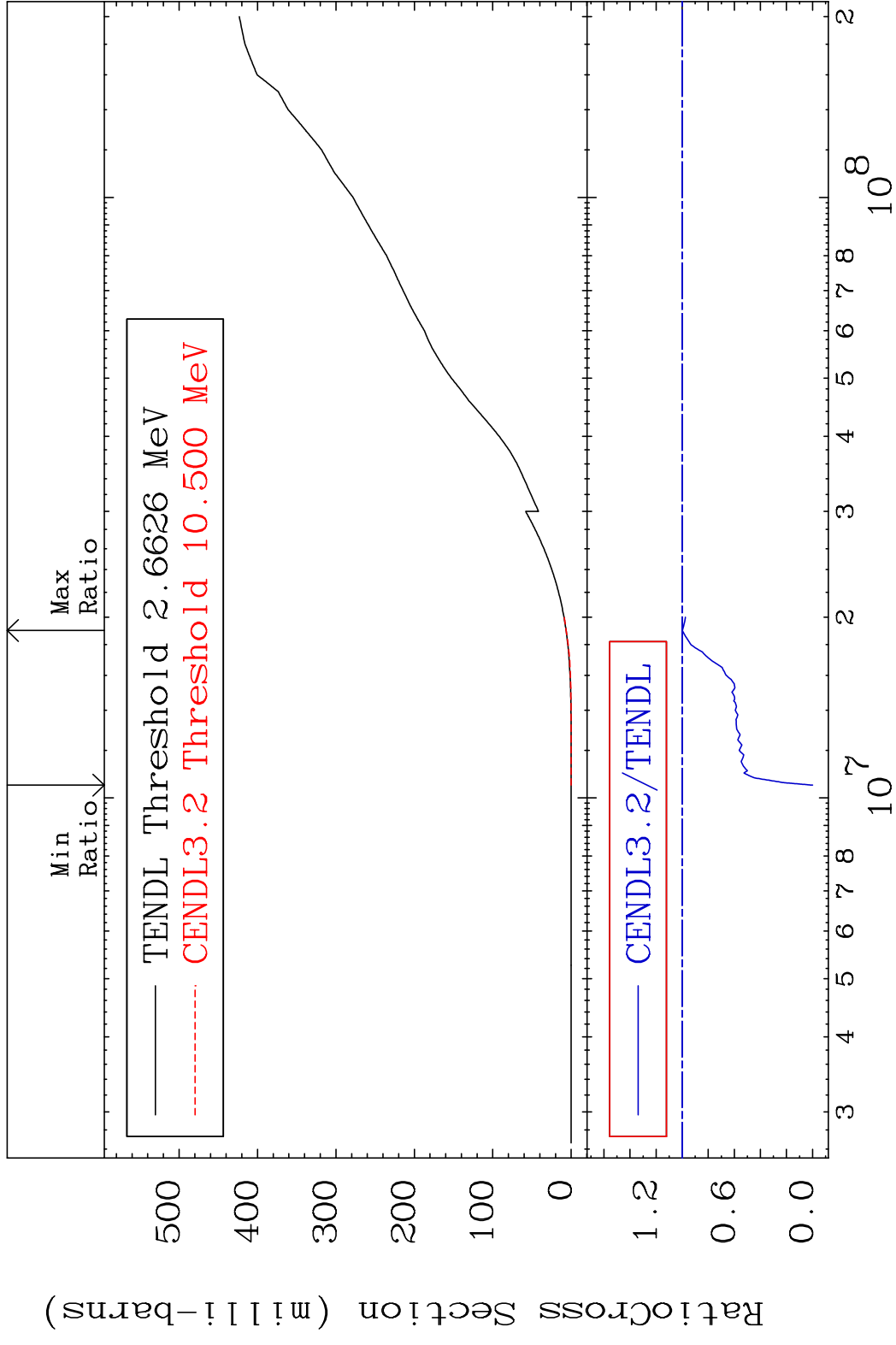
Incident Energy (eV)

94-Pu-244

MAT 9452

Hydrogen Production
Cross Section -100.0 To -0.141%

94-Pu-244



22

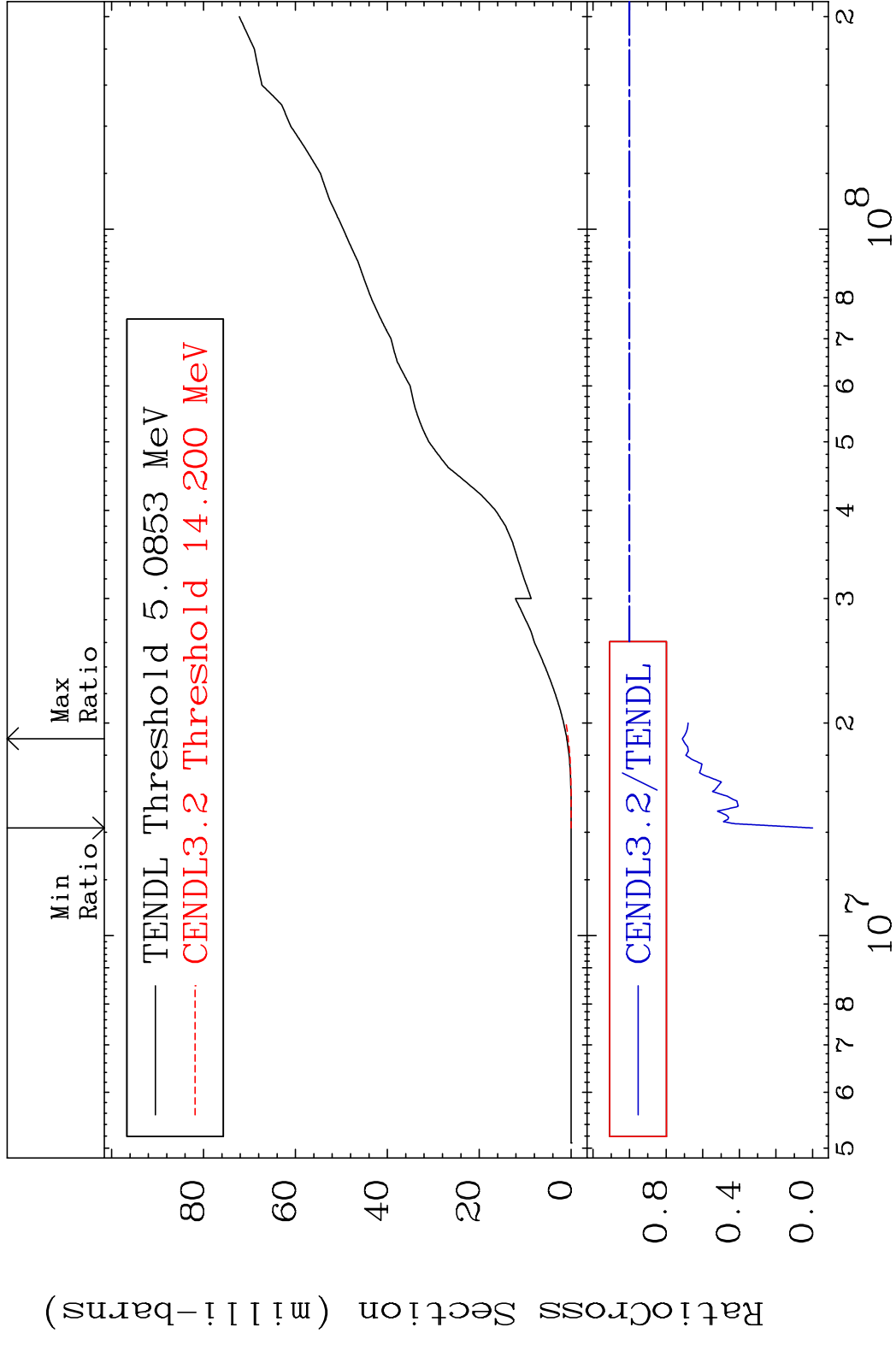
Incident Energy (eV)

94-Pu-244

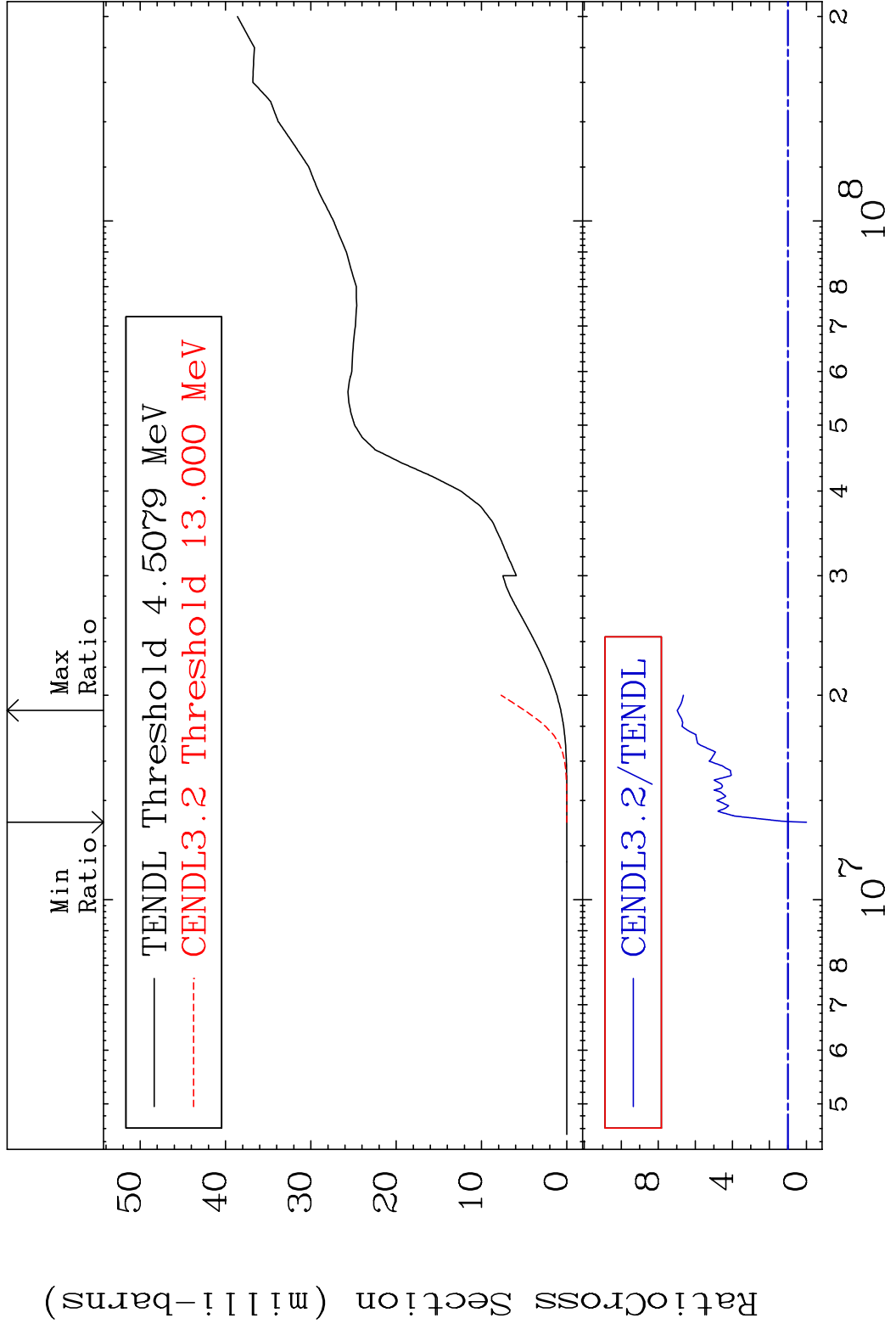
MAT 9452

Deuterium Production 94-Pu-244

Cross Section -100.0 To -28.86%



MAT 9452 Tritium Production 94-Pu-244
 Cross Section -100.0 To 597.8 %



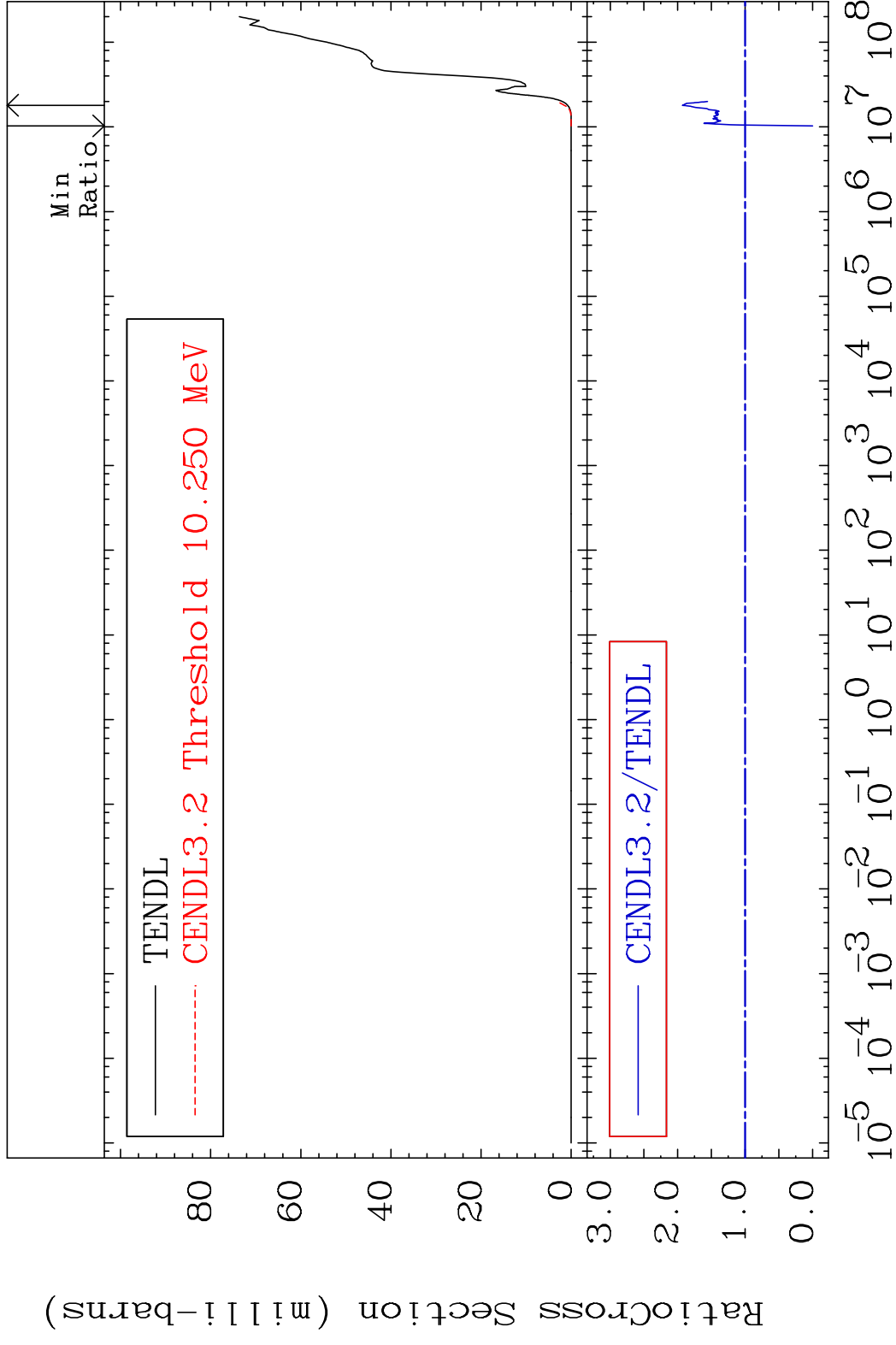
24 Incident Energy (eV) 94-Pu-244

MAT 9452

He-4 Production

94-Pu-244

Cross Section -100.0 To 93.07 %

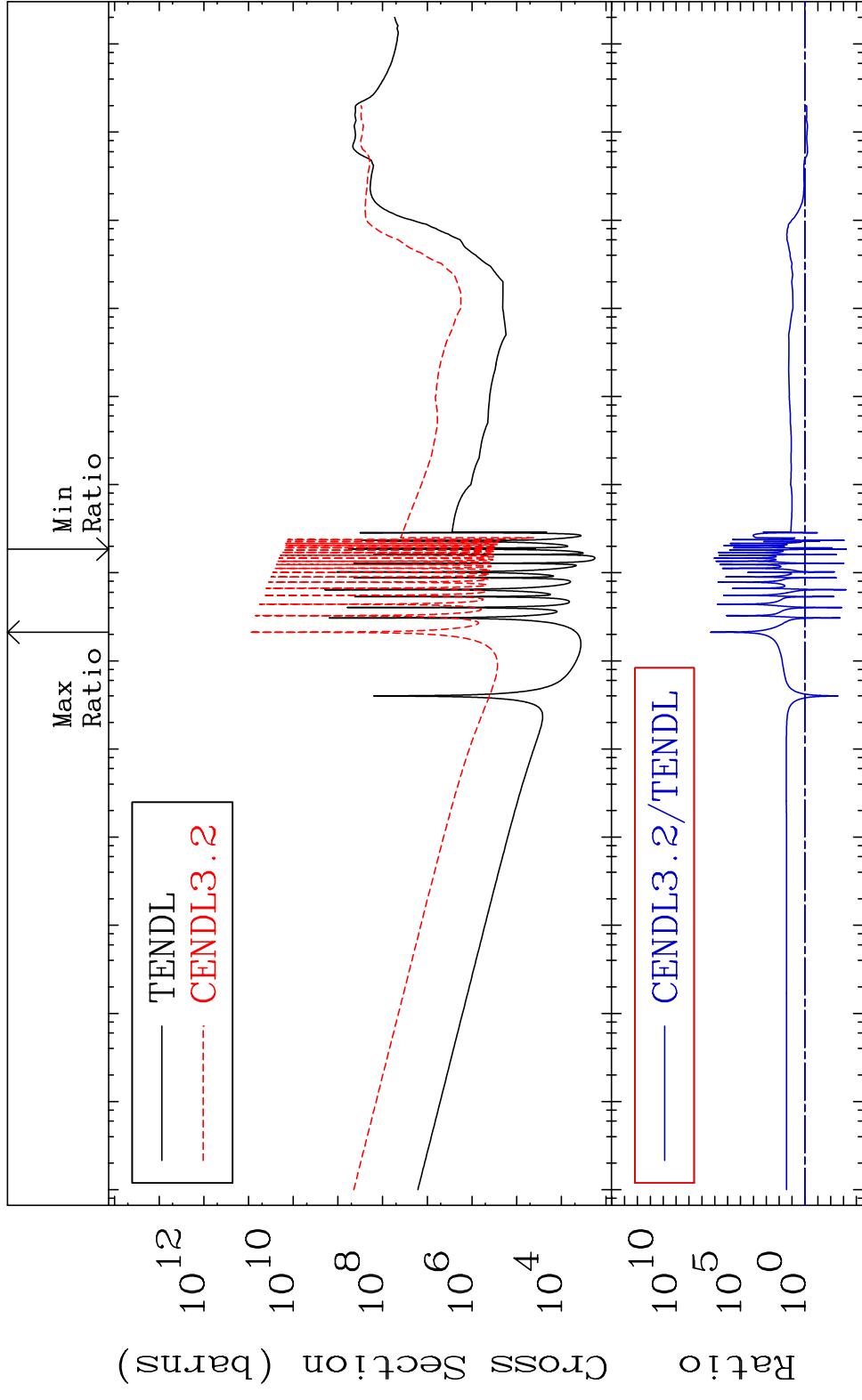


25

Incident Energy (eV)

94-Pu-244

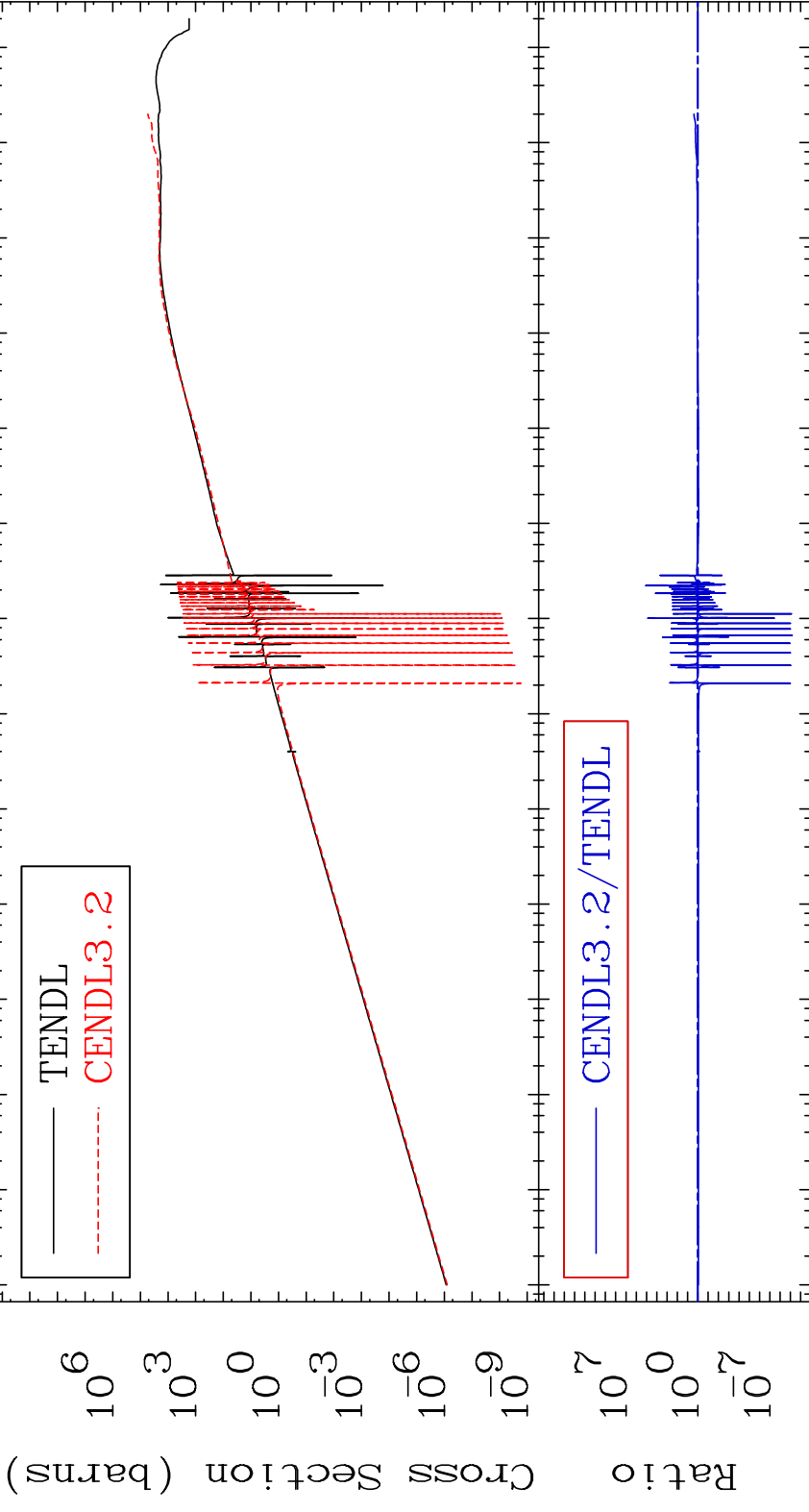
MAT 9452 Kerma total (eV-barns) 94-Pu-244
 Cross Section -99.94 To 9999. %



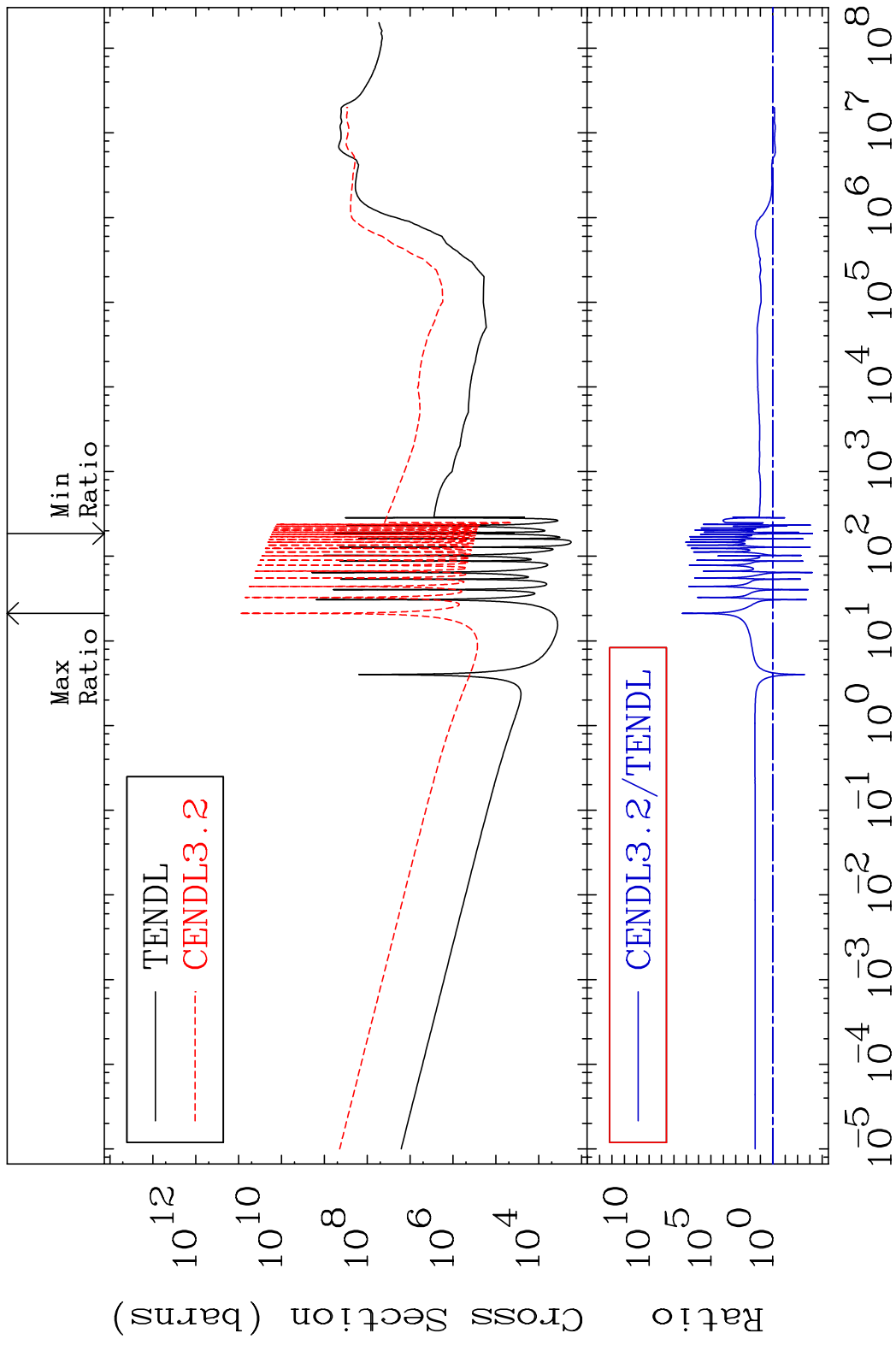
MAT 9452

Kerma elastic
Cross Section -100.0 To 9999. %

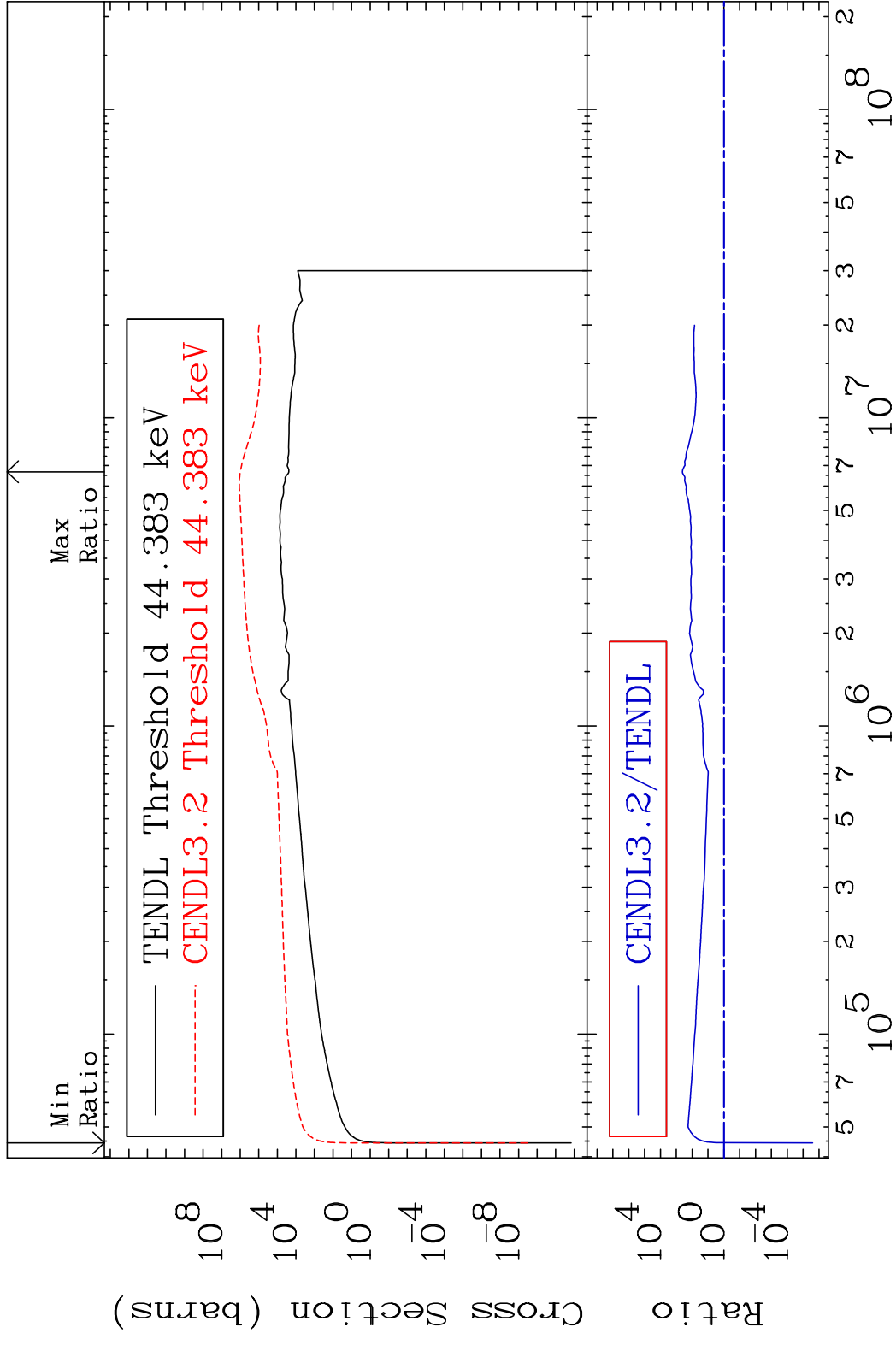
94-Pu-244



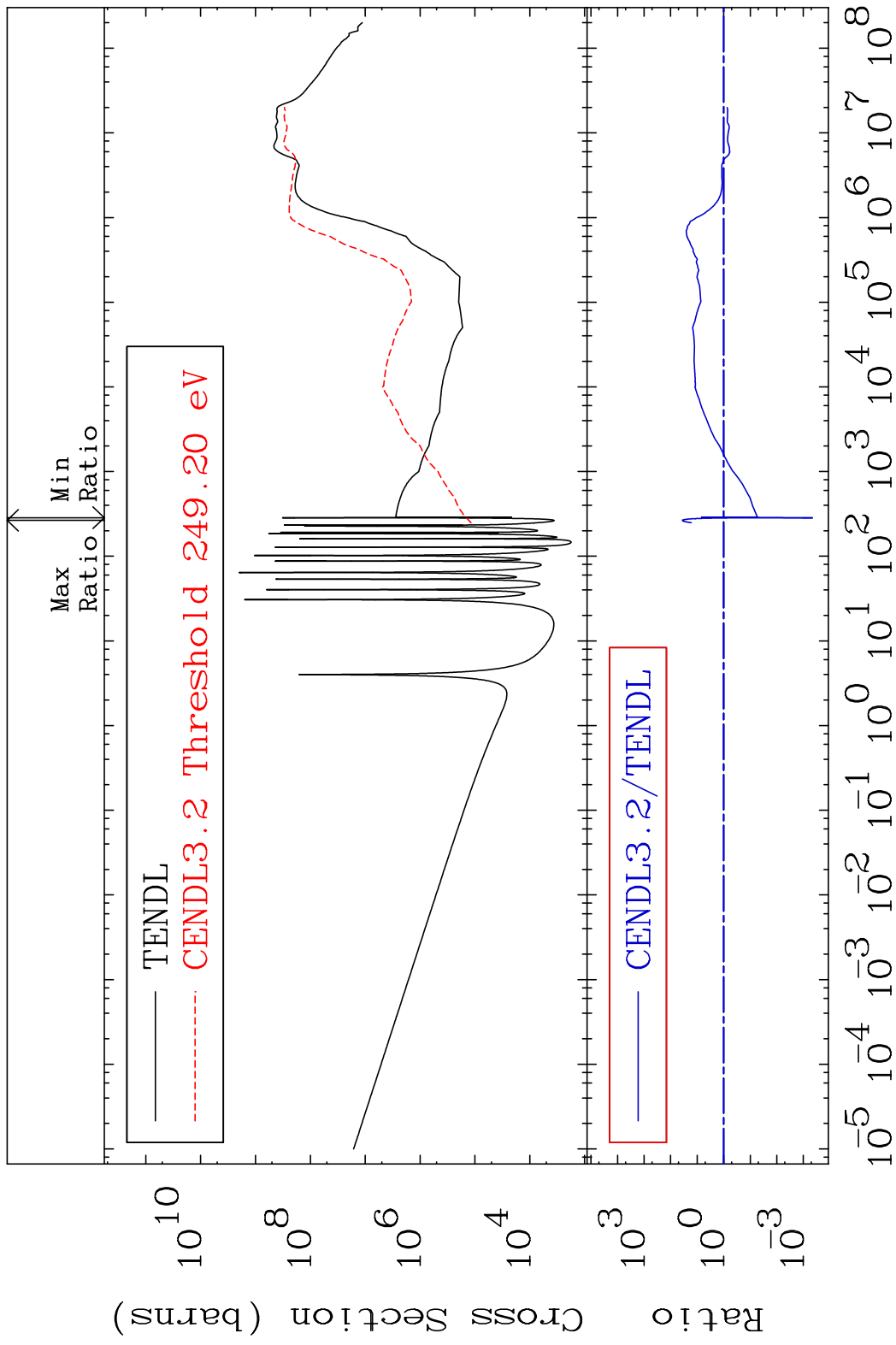
MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244
 Cross Section -99.94 To 9999. %

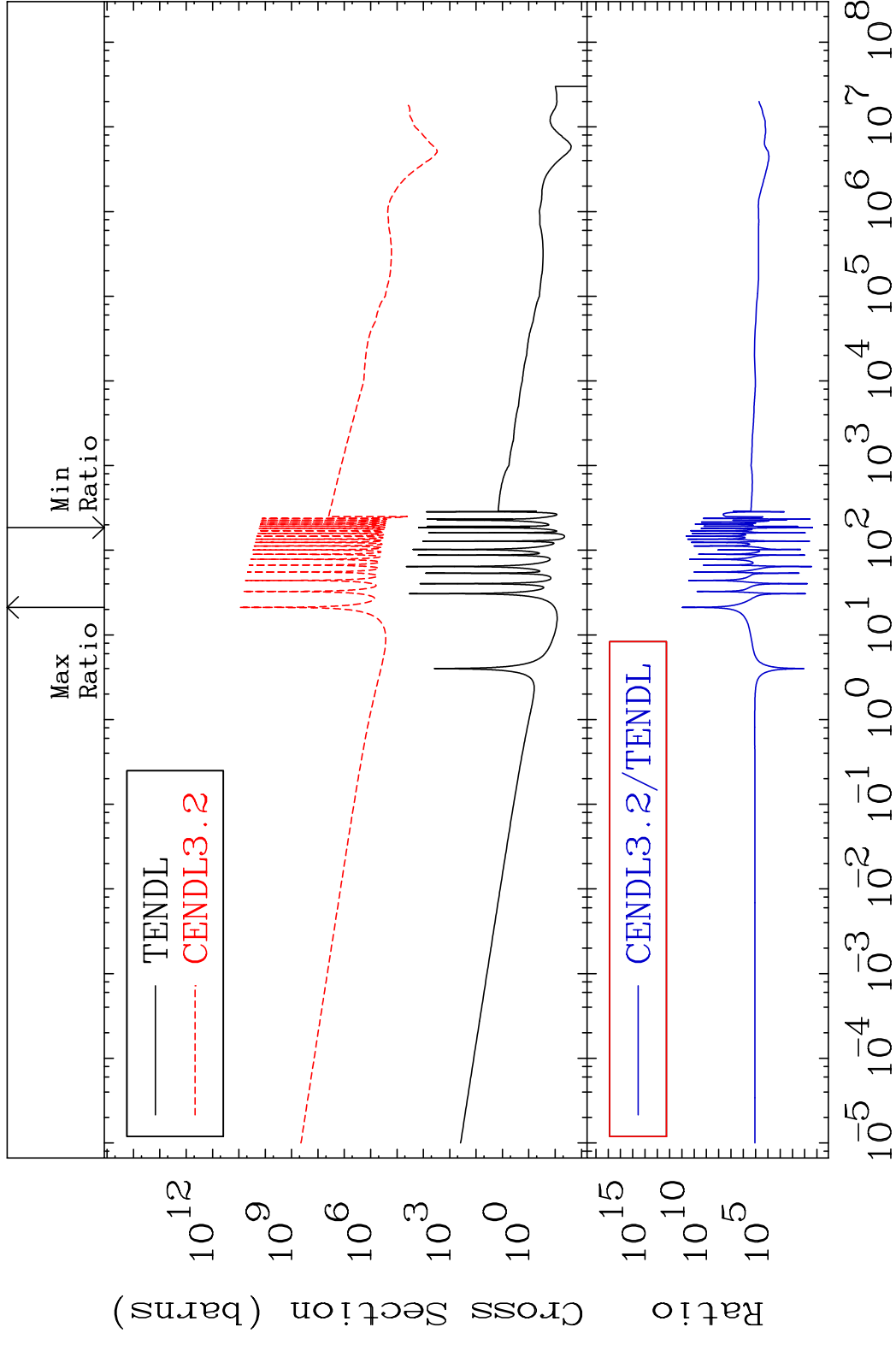


MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244
 Cross Section -100.0 To 9999. %

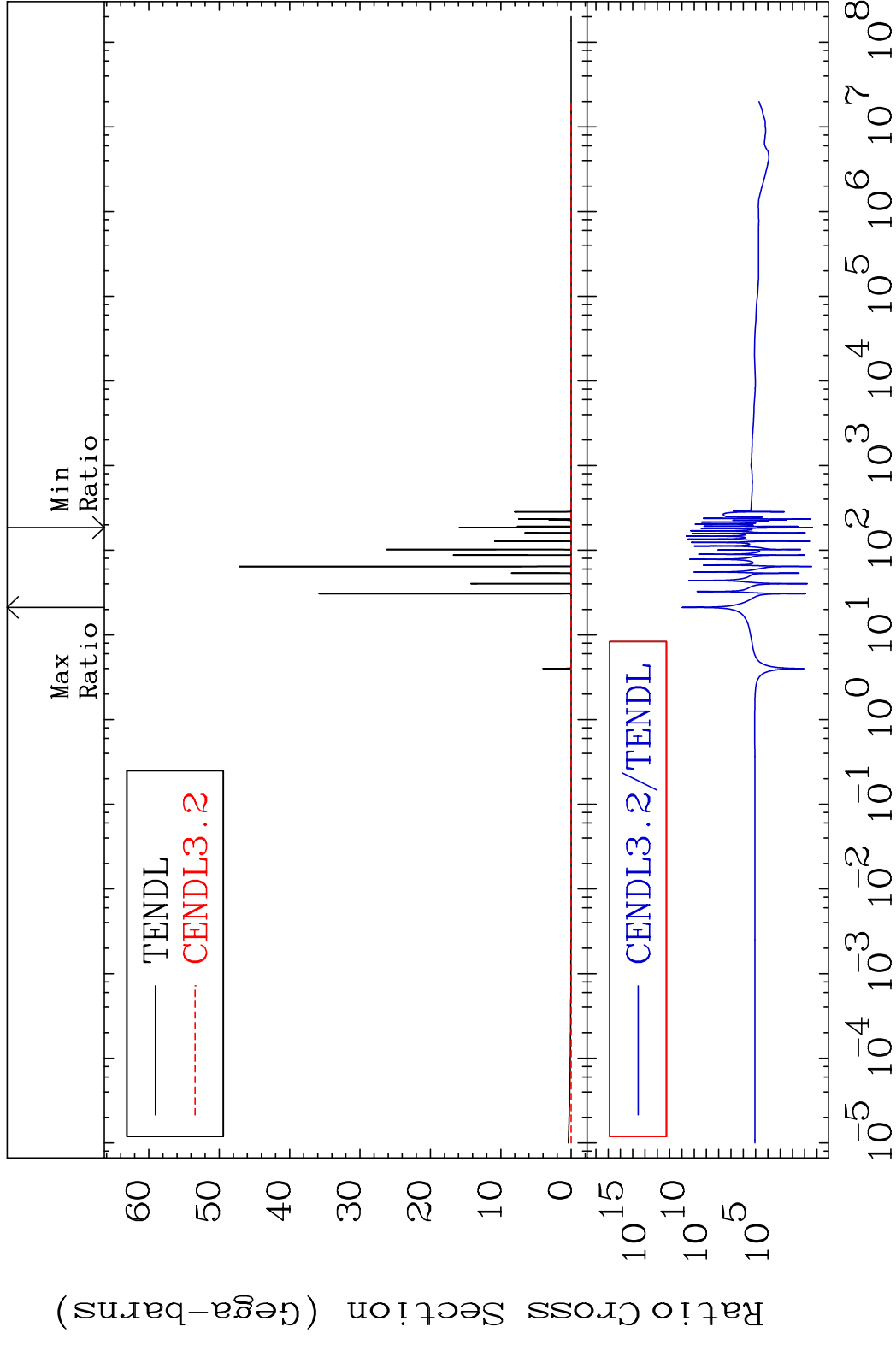


MAT 9452 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-244
 Cross Section -99.95 To 3514. %



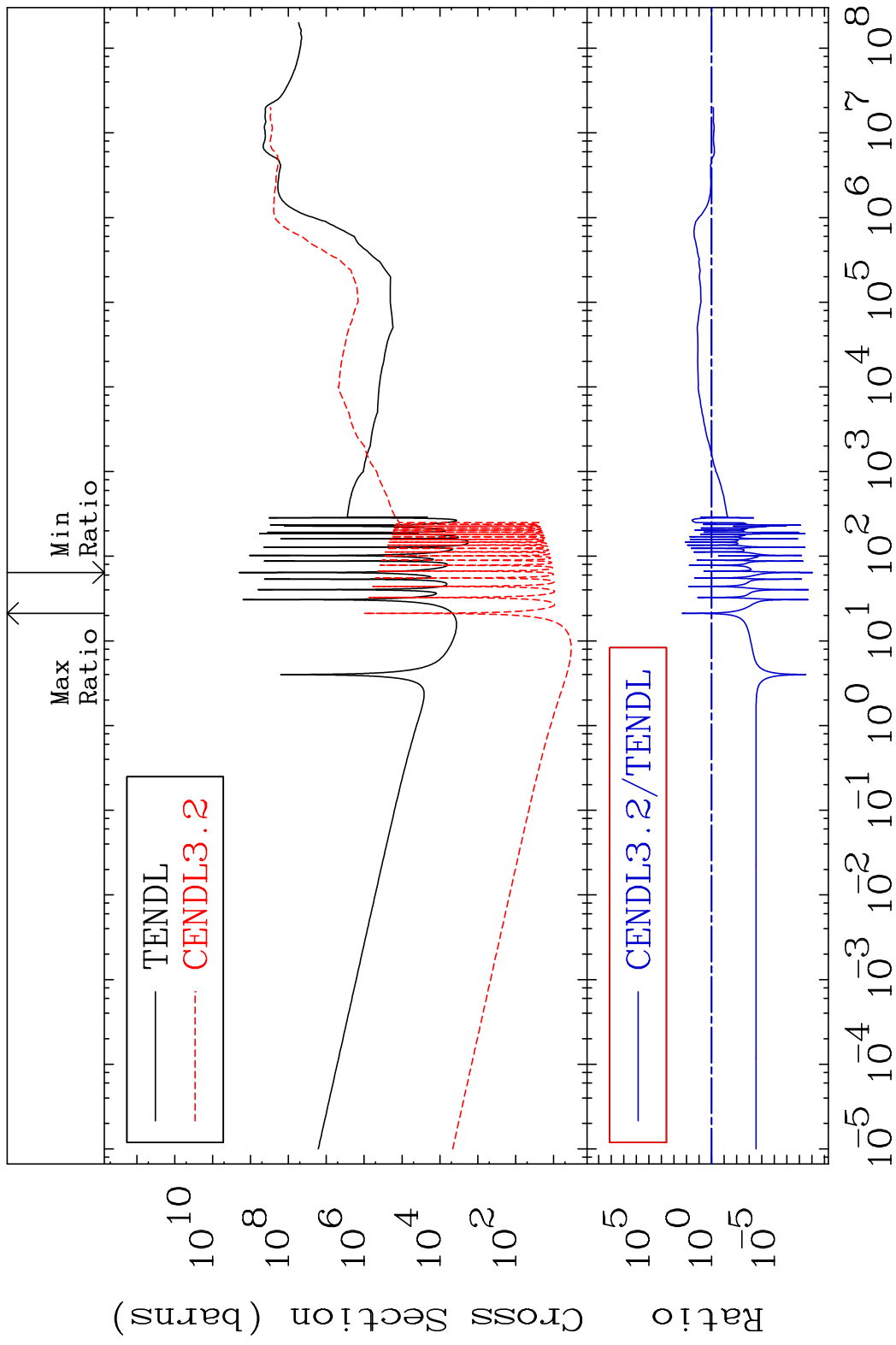


MAT 9452 Total photon (eV-barns) 94-Pu-244
 Cross Section 2204. To 9999. %

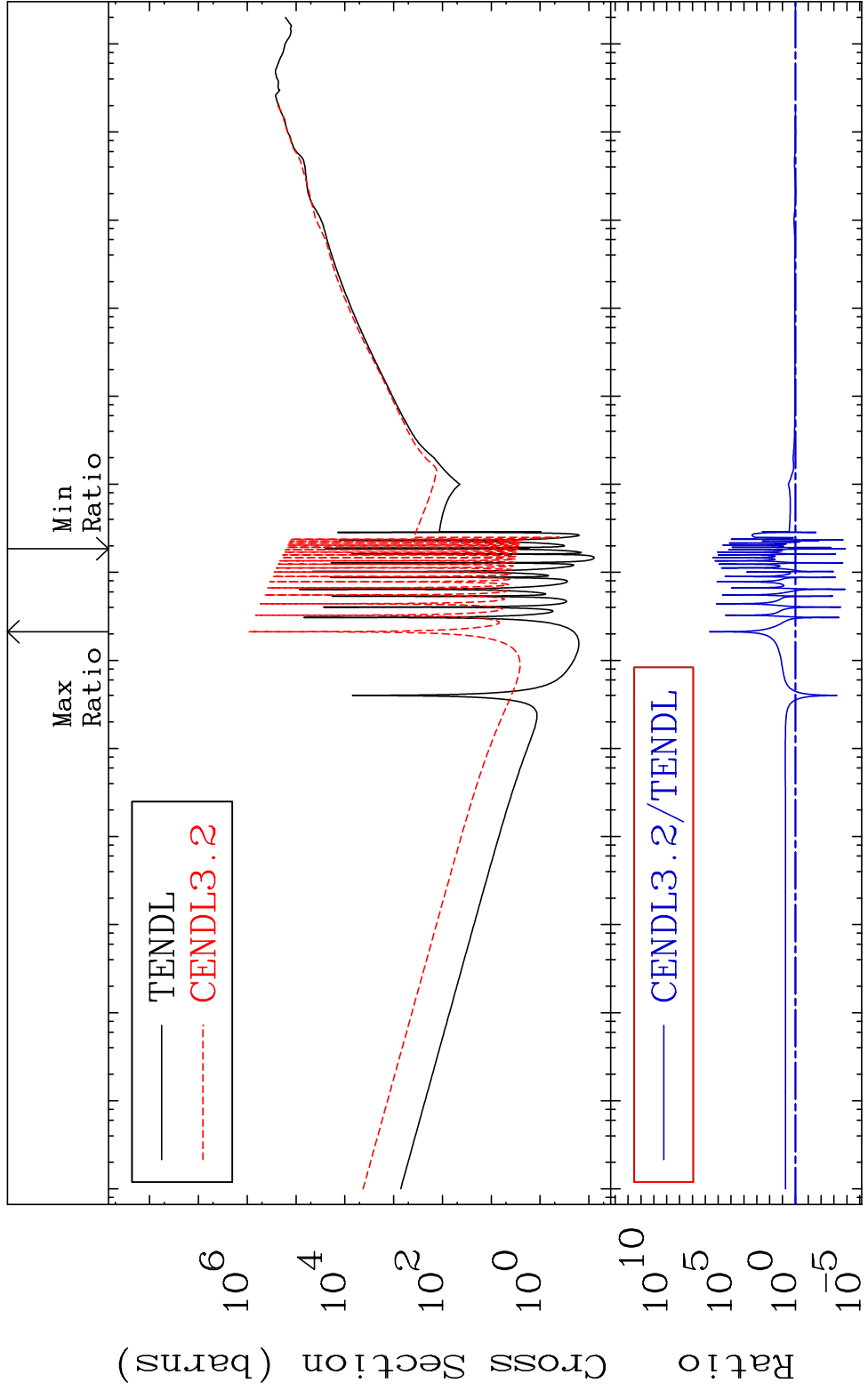


32 Incident Energy (eV) 94-Pu-244

MAT 9452 Total kinematic kerma (high limit) 94-Pu-244
 Cross Section -100.0 To 9999. %



MAT 9452 Dpa total (eV-barns) 94-Pu-244
 Cross Section -99.99 To 9999. %



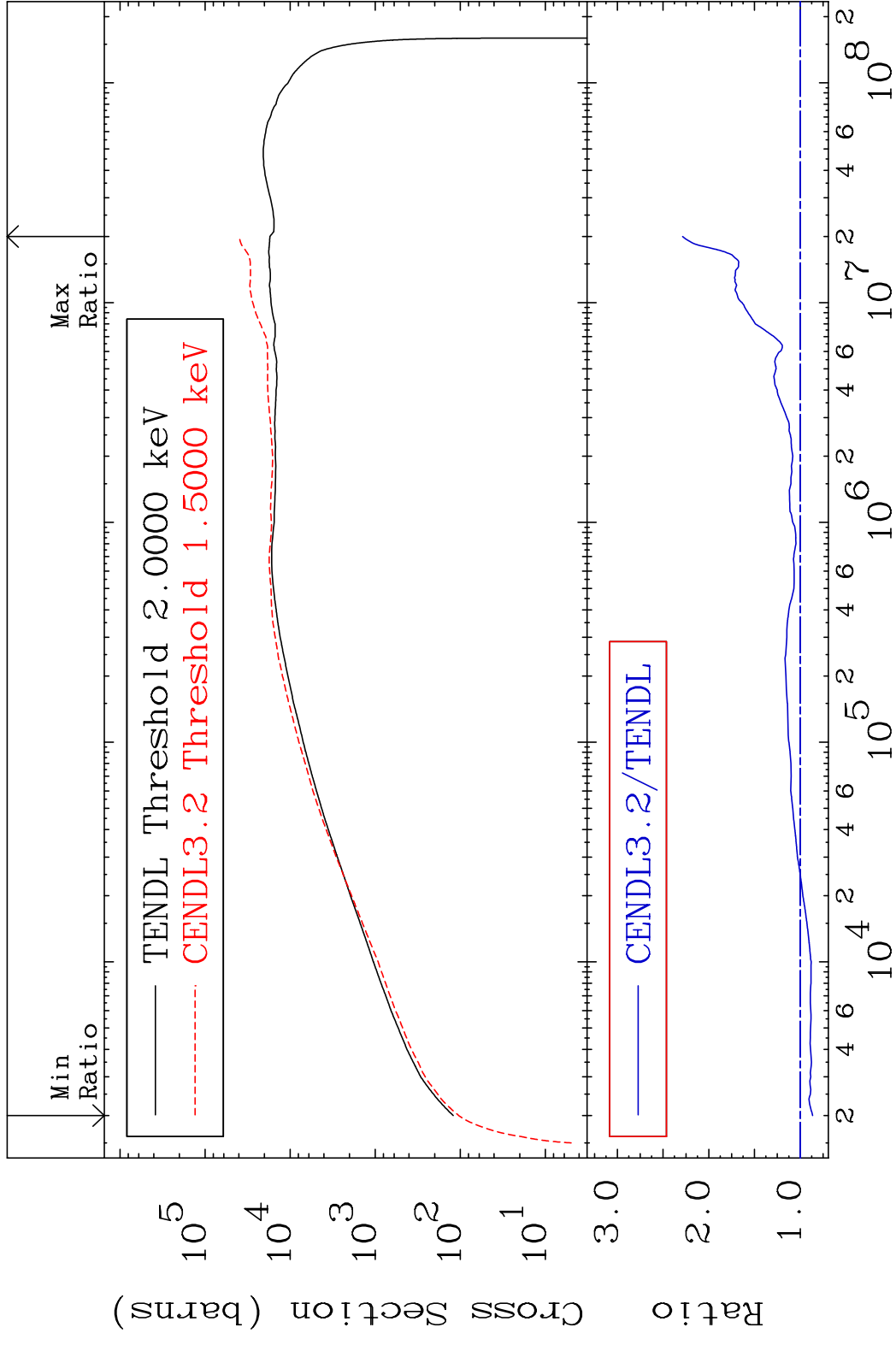
34 Incident Energy (eV) 94-Pu-244

MAT 9452

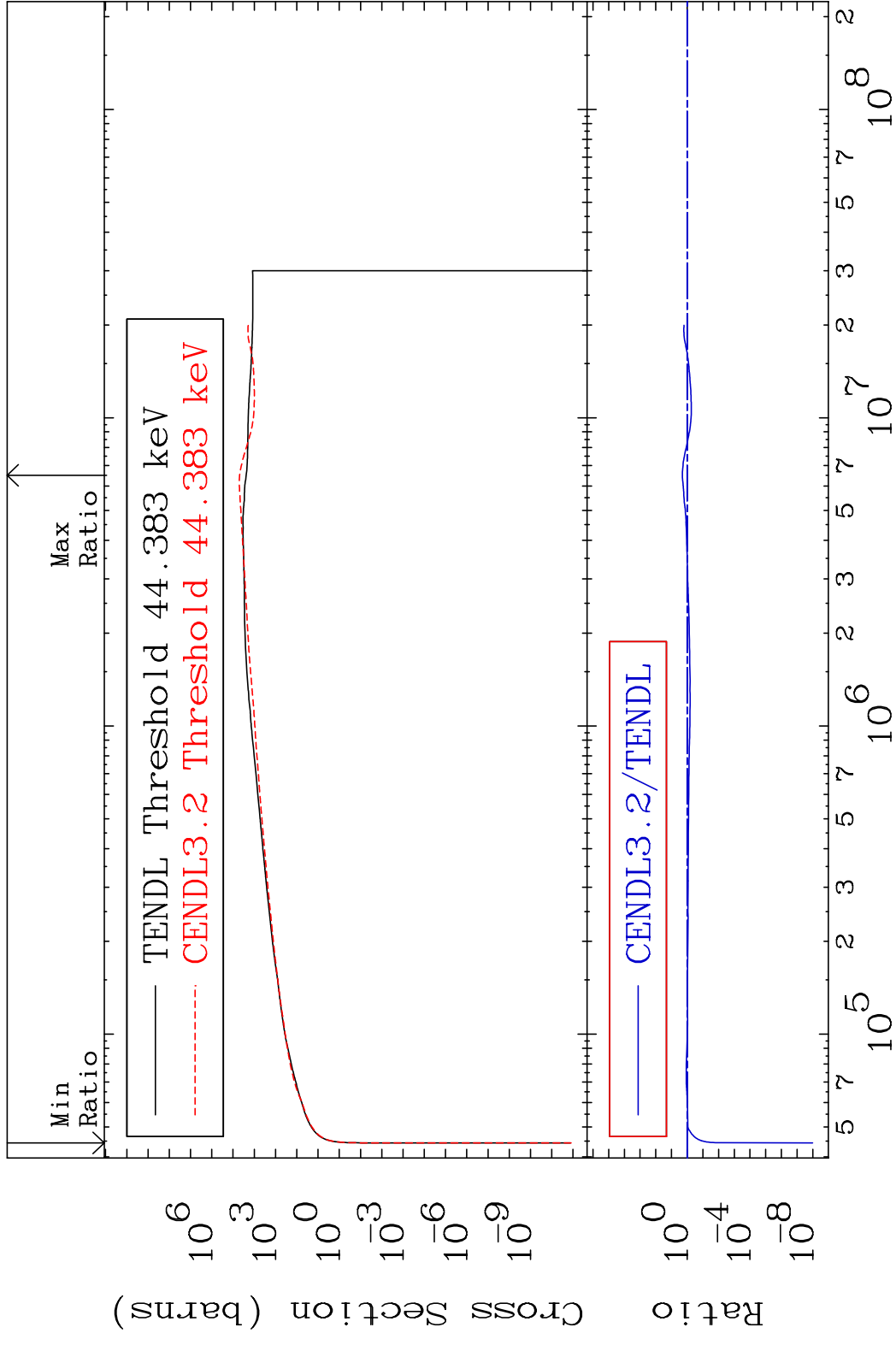
Dpa elastic (mt2)

94-Pu-244

Cross Section -13.51 To 128.9 %



MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -100.0 To 103.0 %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244
 Cross Section -99.84 To 9999. %

