

Program Complot
(Version 2021-1)

by

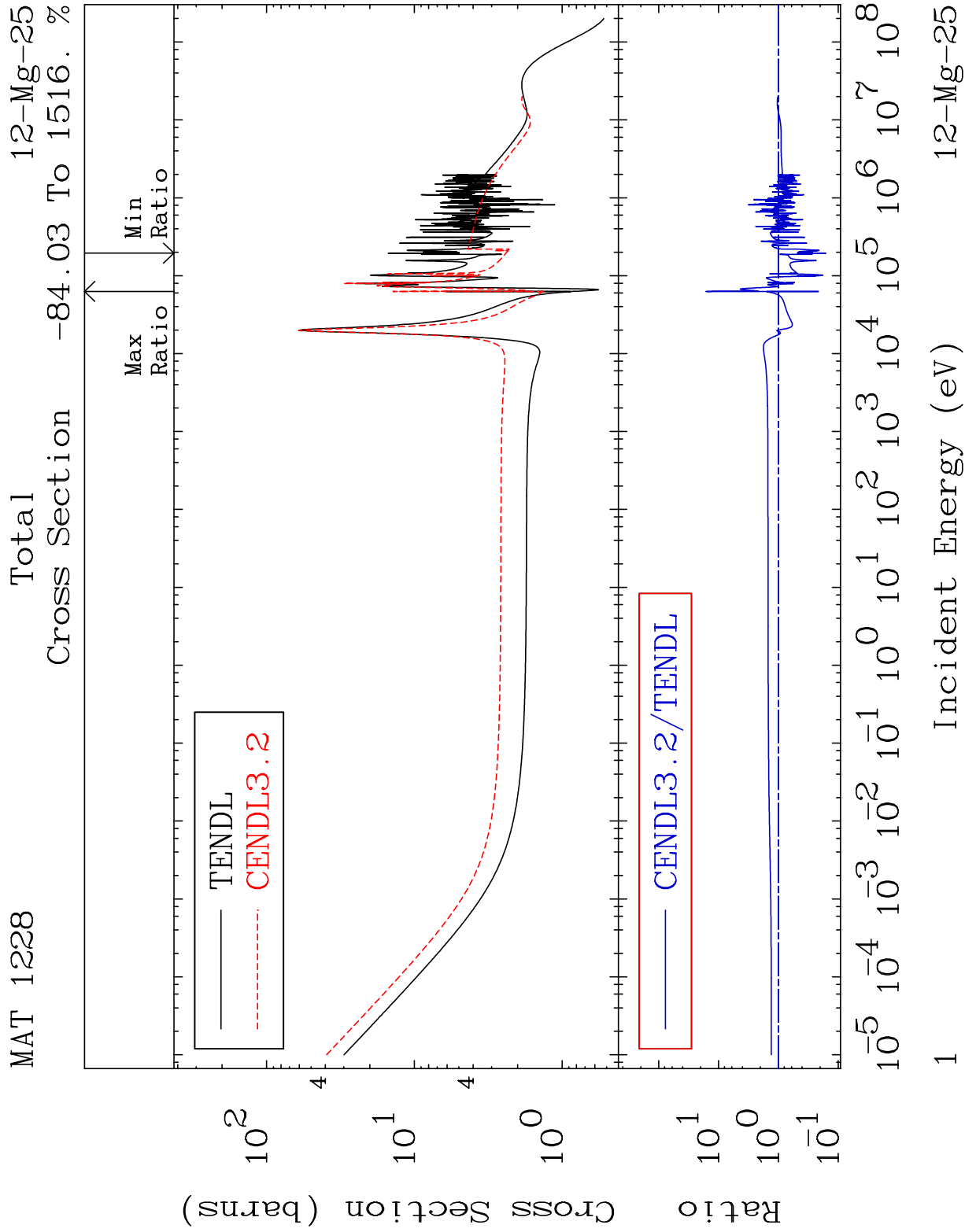
Dermott E. Cullen
(Present Contact Information)

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



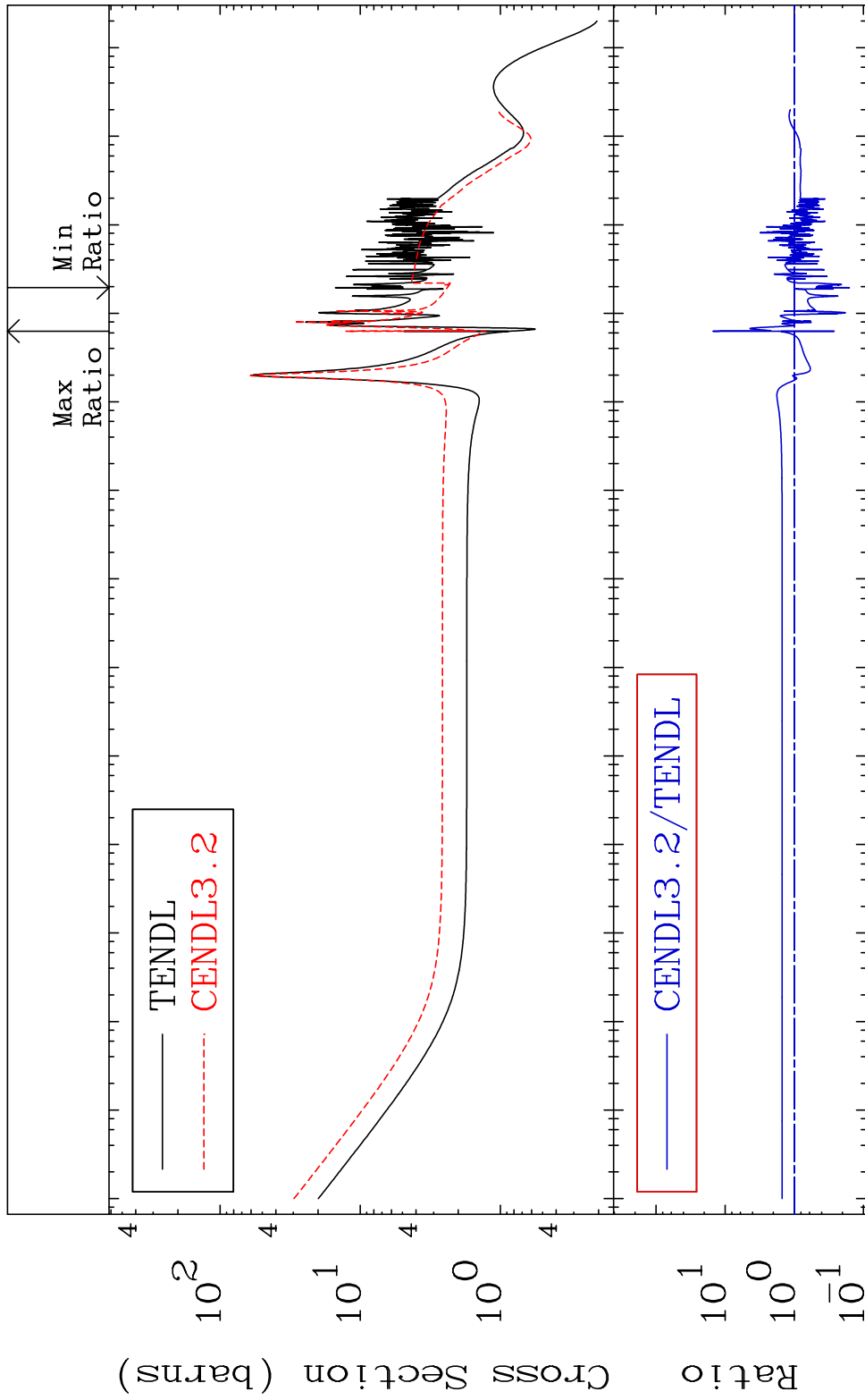
MAT 1228

Elastic

¹²Mg-25

Cross Section

-84.02 To 1386. %



2

Incident Energy (eV)

¹²Mg-25

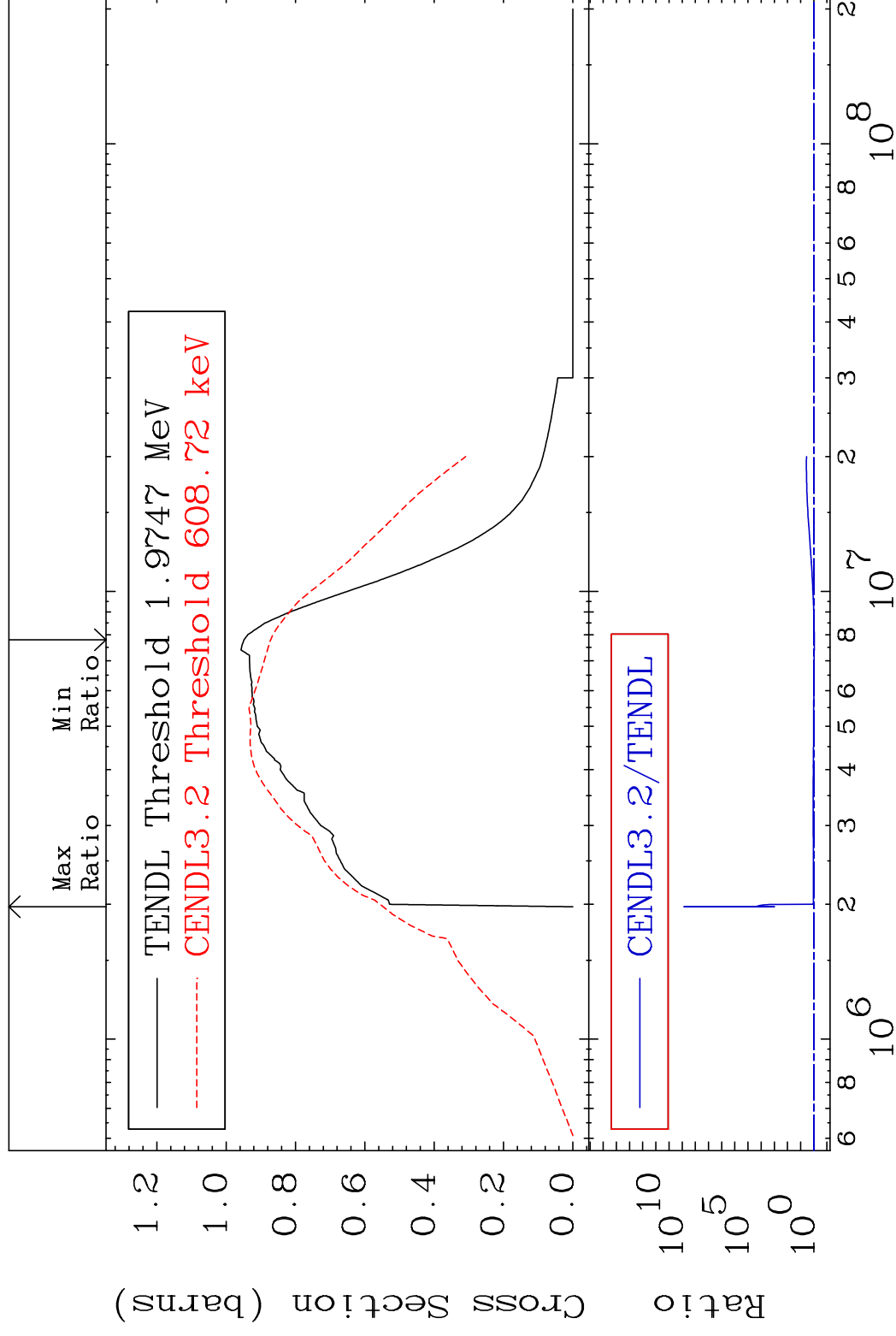
MAT 1228

Inelastic

12-Mg-25

Cross Section

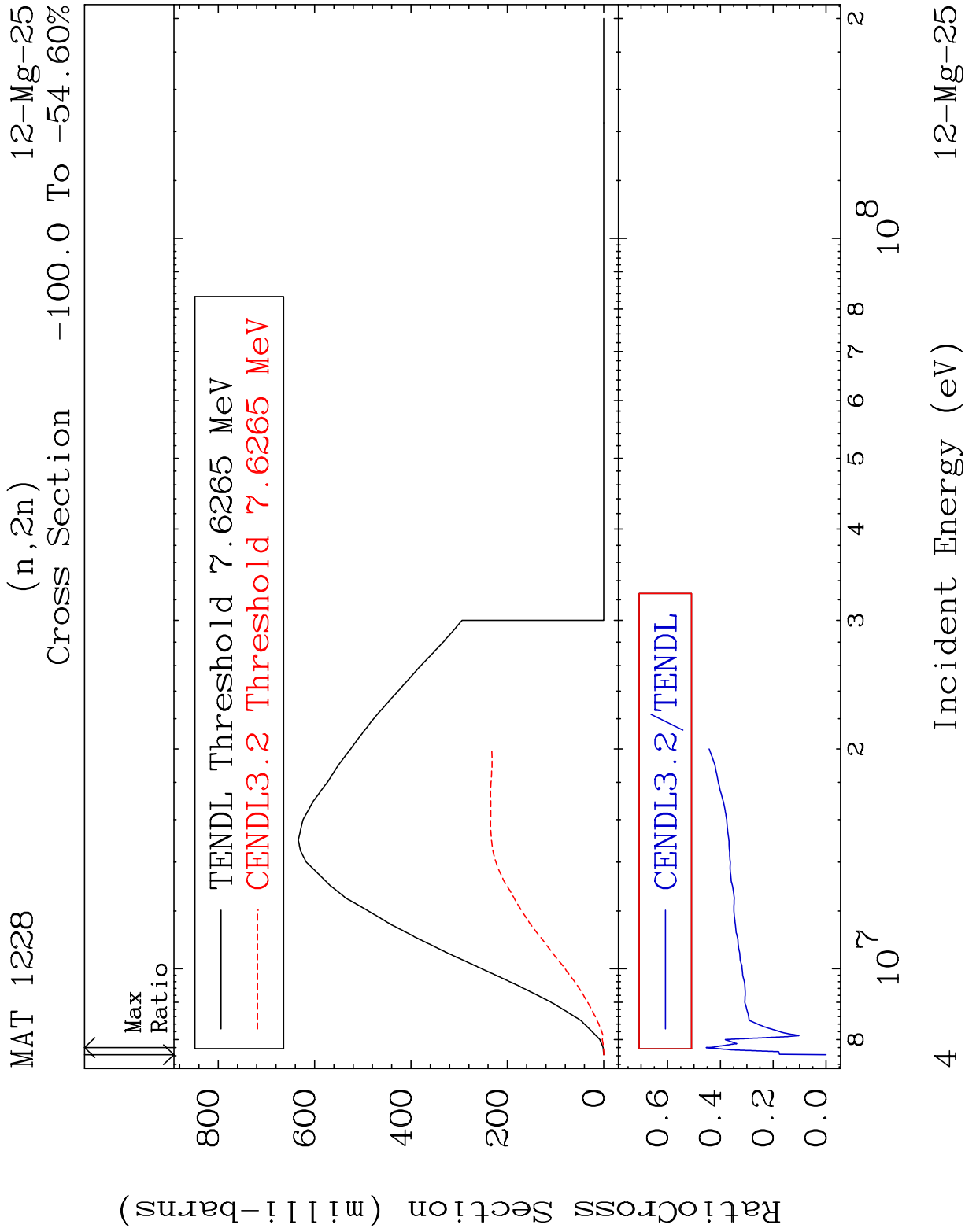
-8.126 To 9999. %

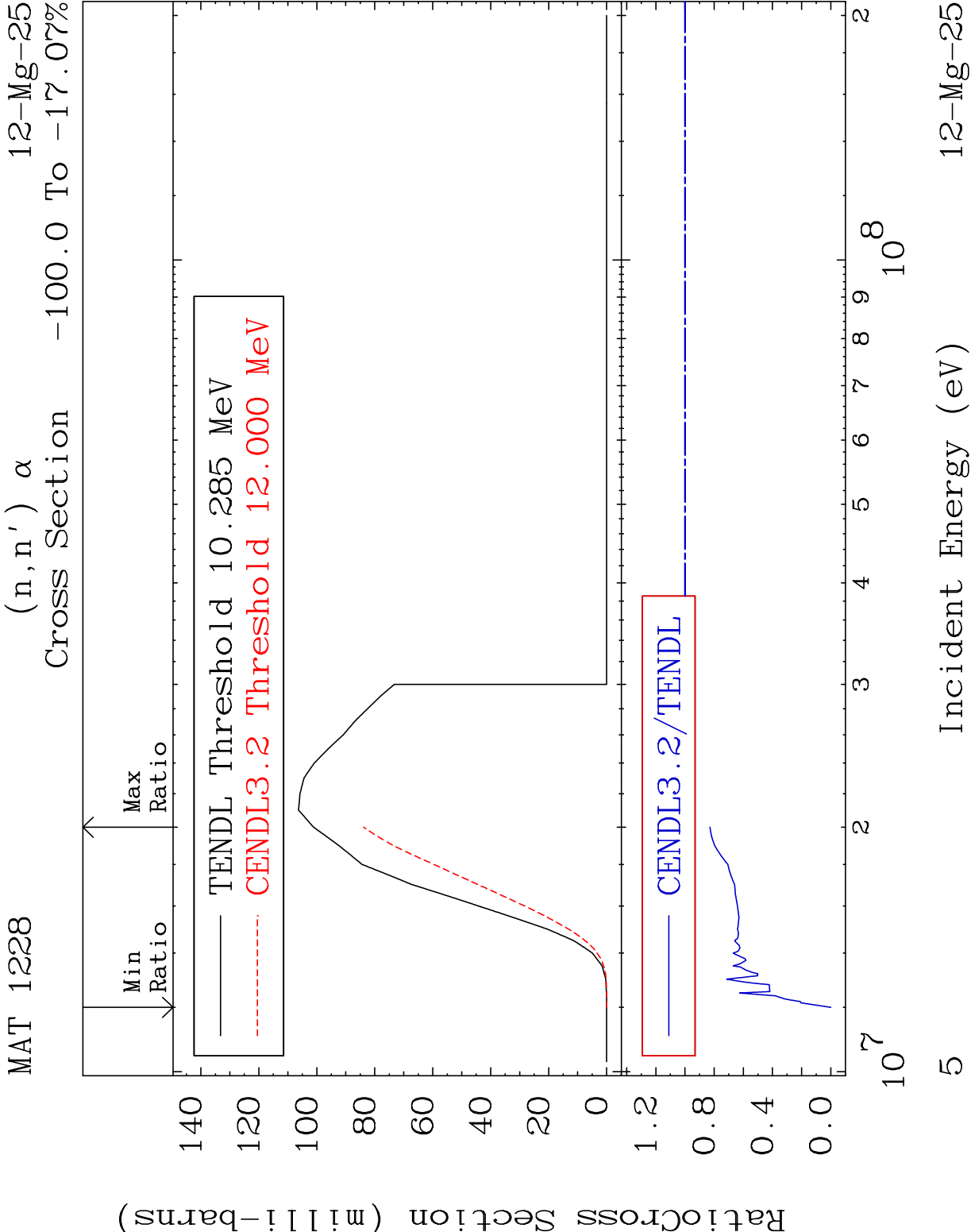


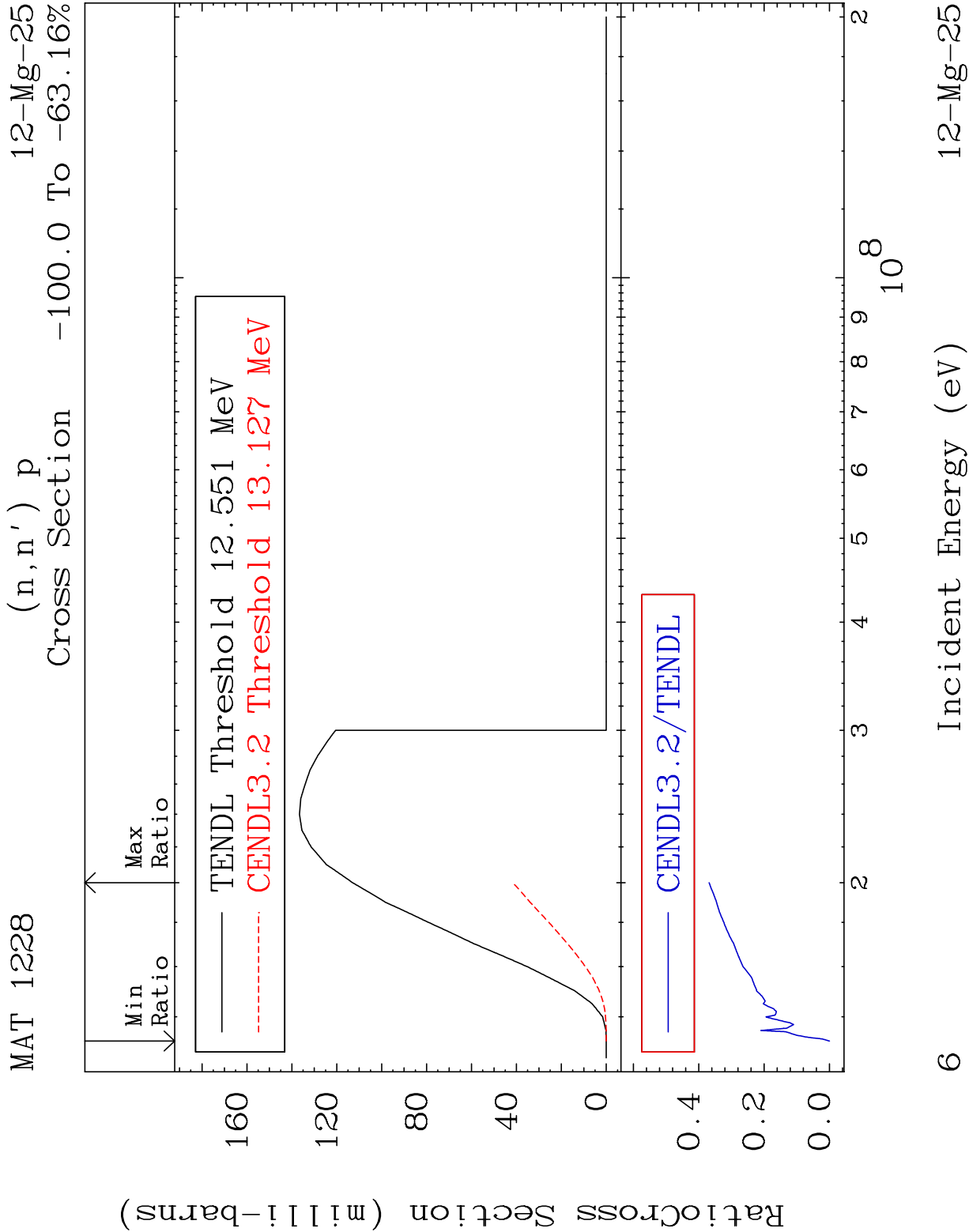
3

Incident Energy (eV)

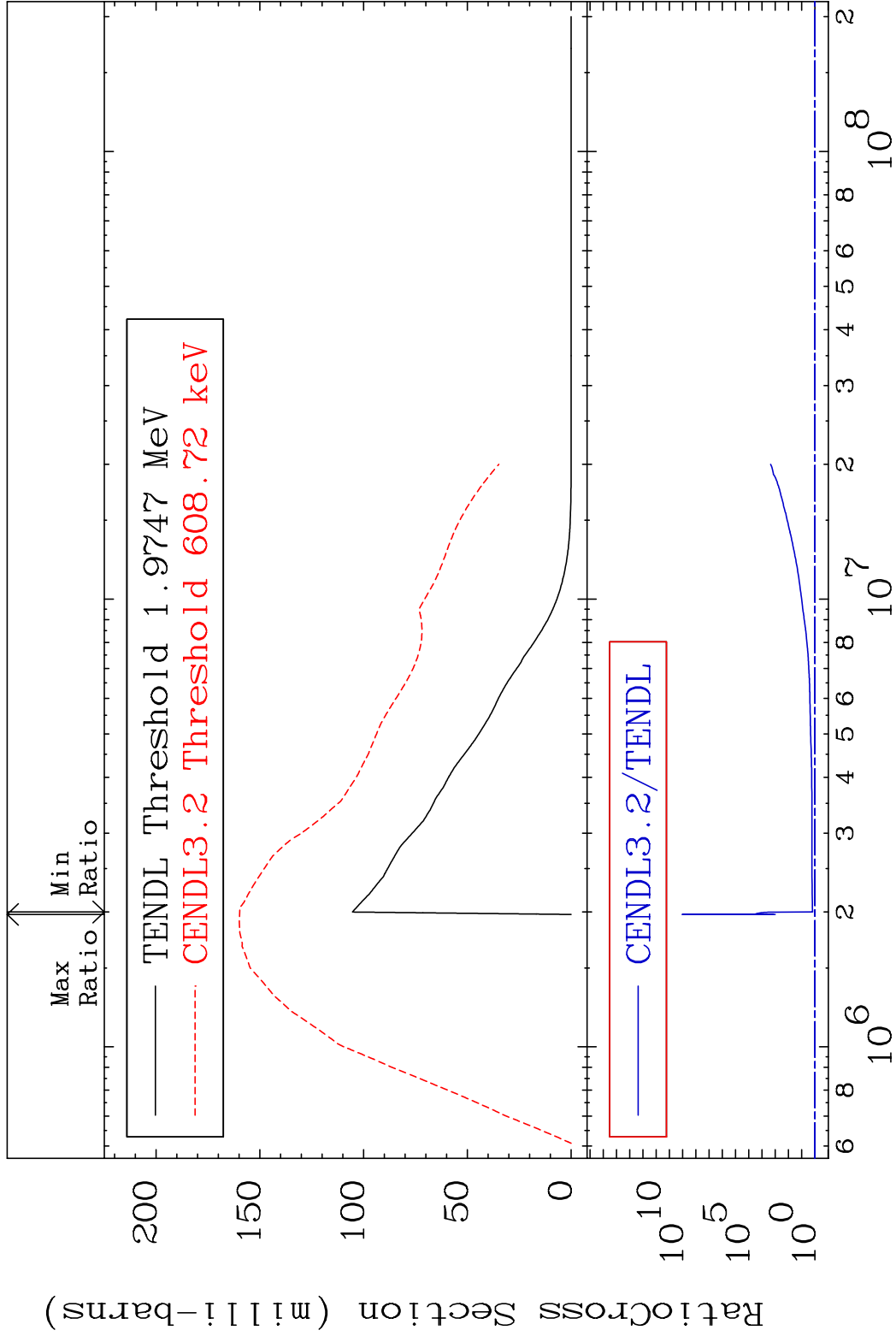
12-Mg-25







MAT 1228MT= 51 (n,n') Level12-Mg-25
Cross Section51.56To 9999. %



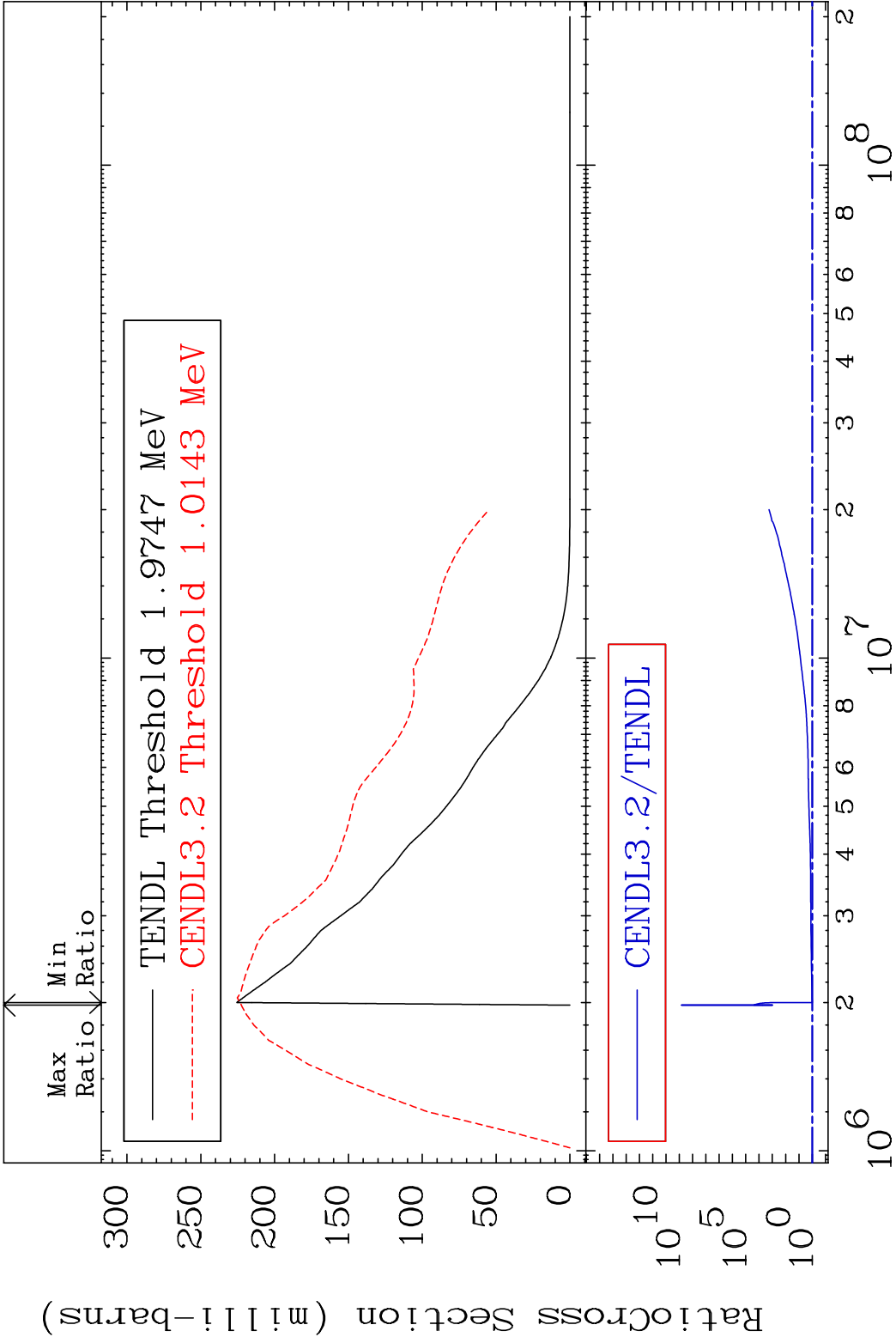
MAT 1228

MT= 52 (n,n') Level

12-Mg-25

Cross Section

-0.919 To 9999. %



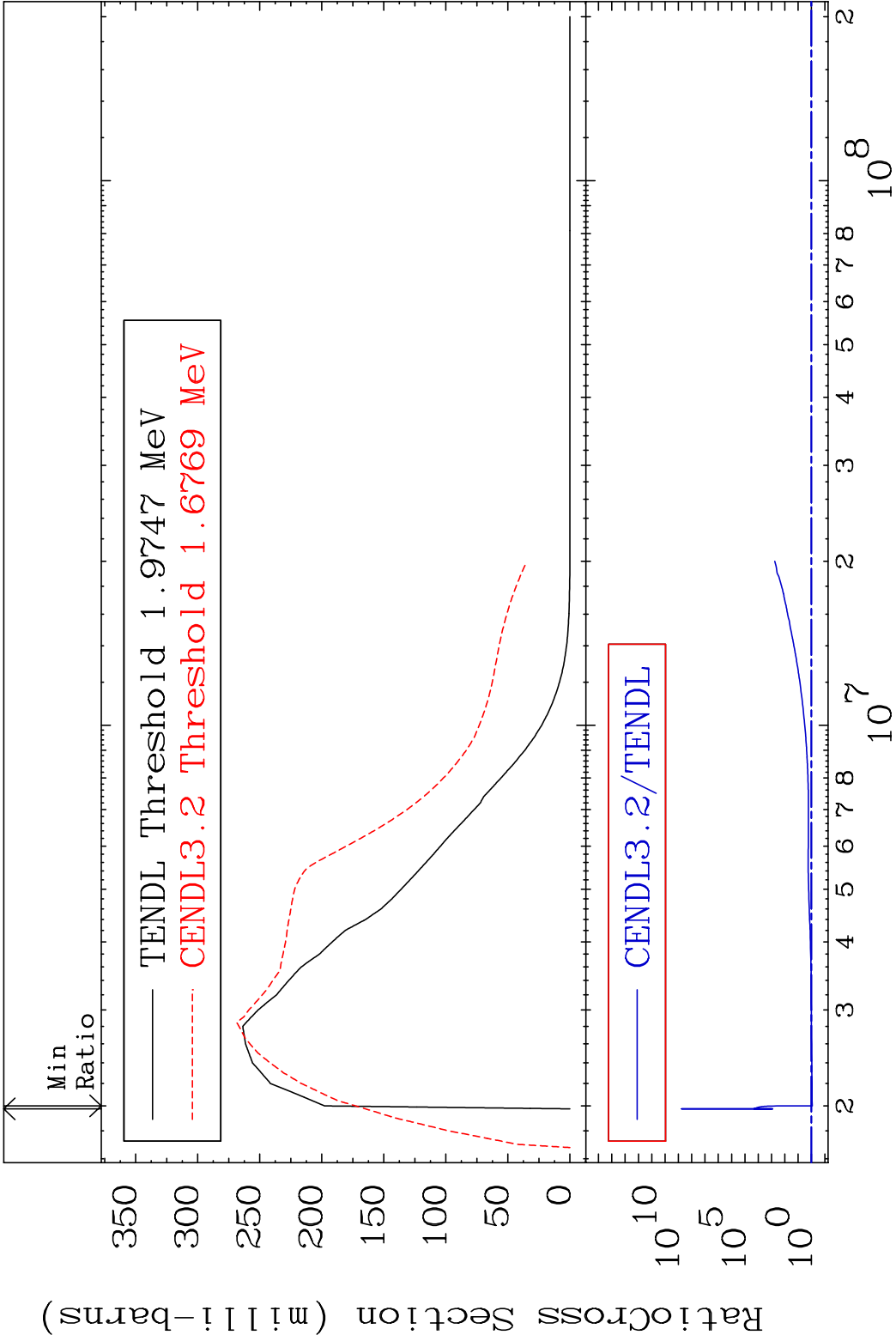
MAT 1228

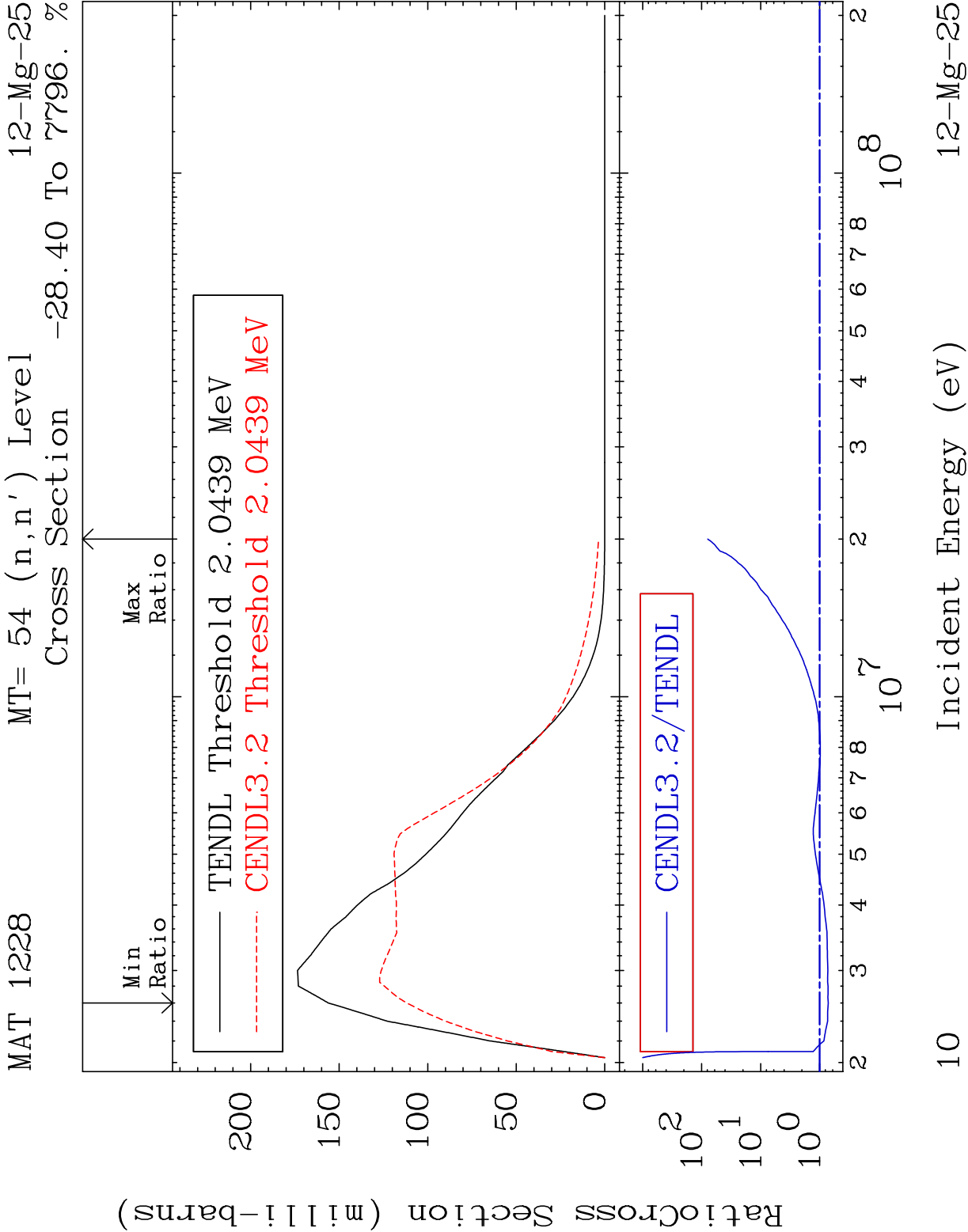
MT= 53 (n,n') Level

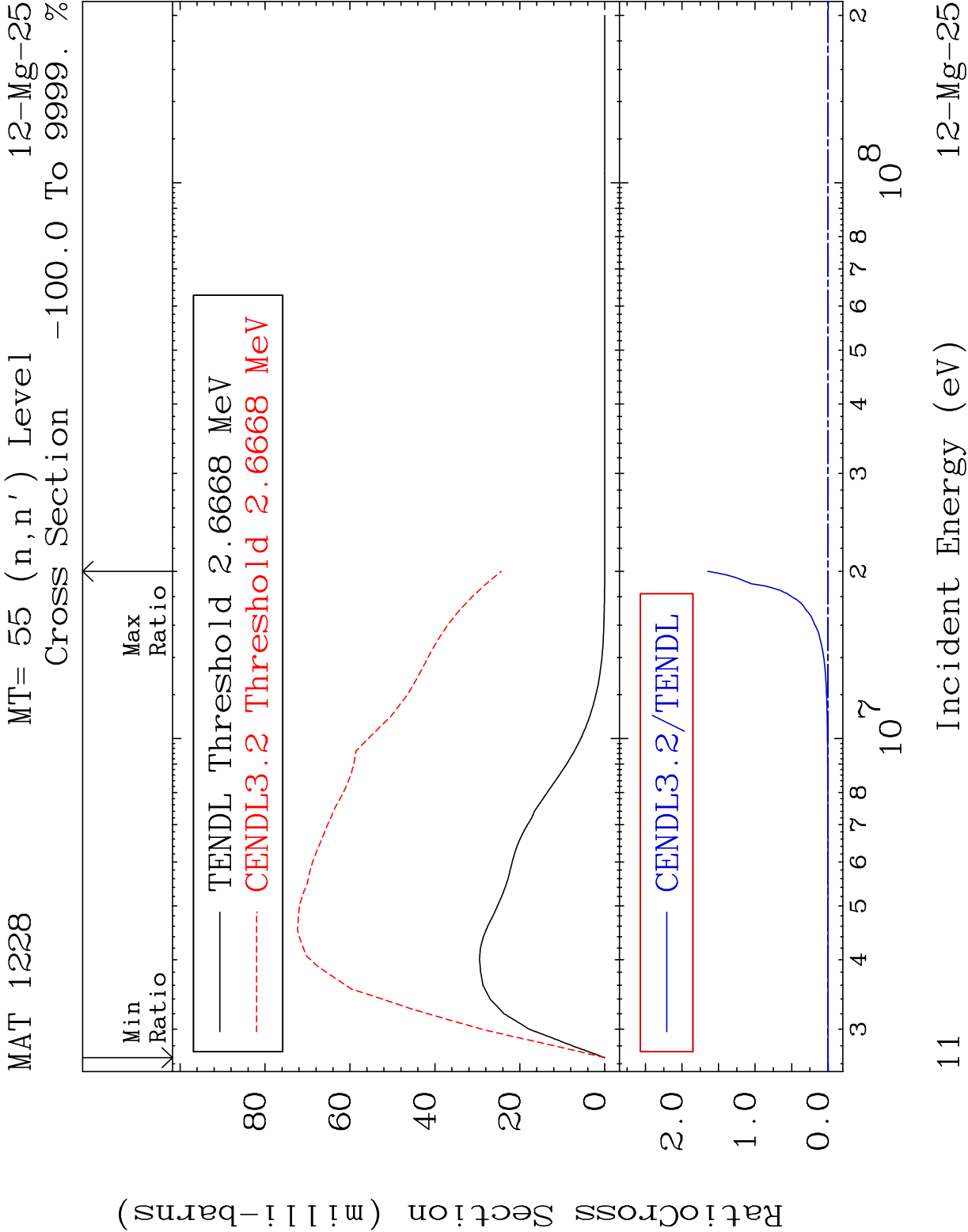
12-Mg-25

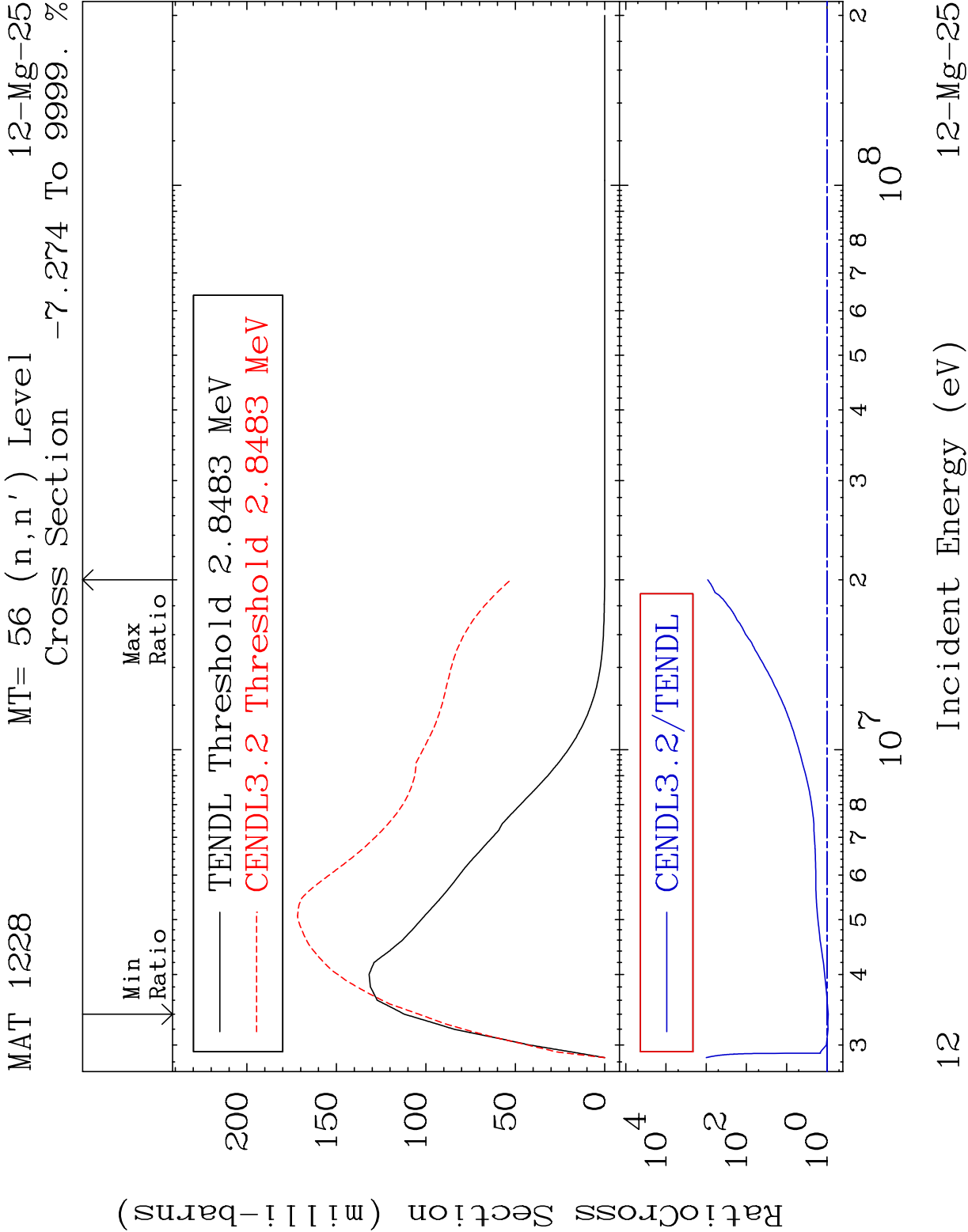
Cross Section

-12.64 To 9999. %









MAT 1228

MT= 57 (n,n')

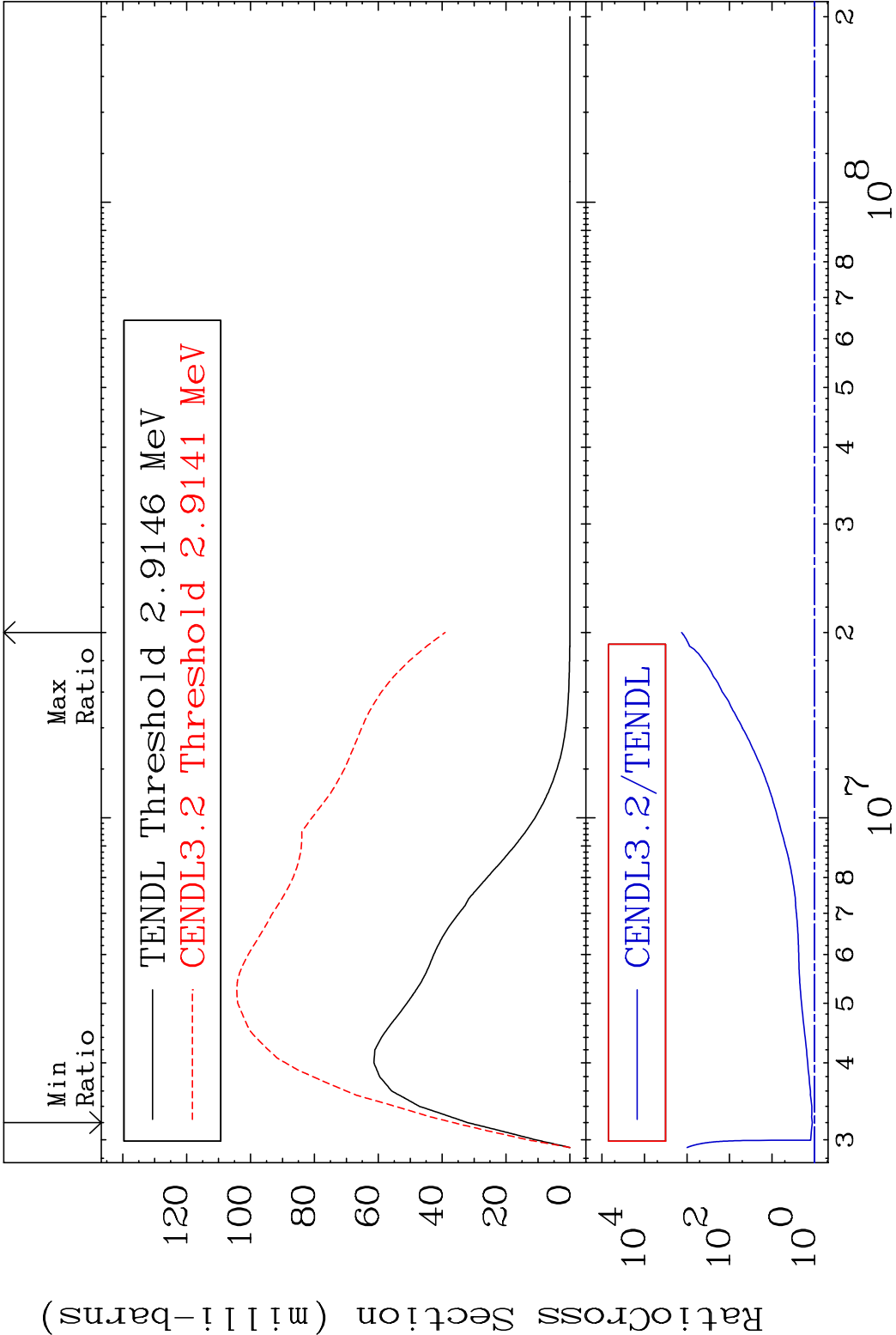
Level

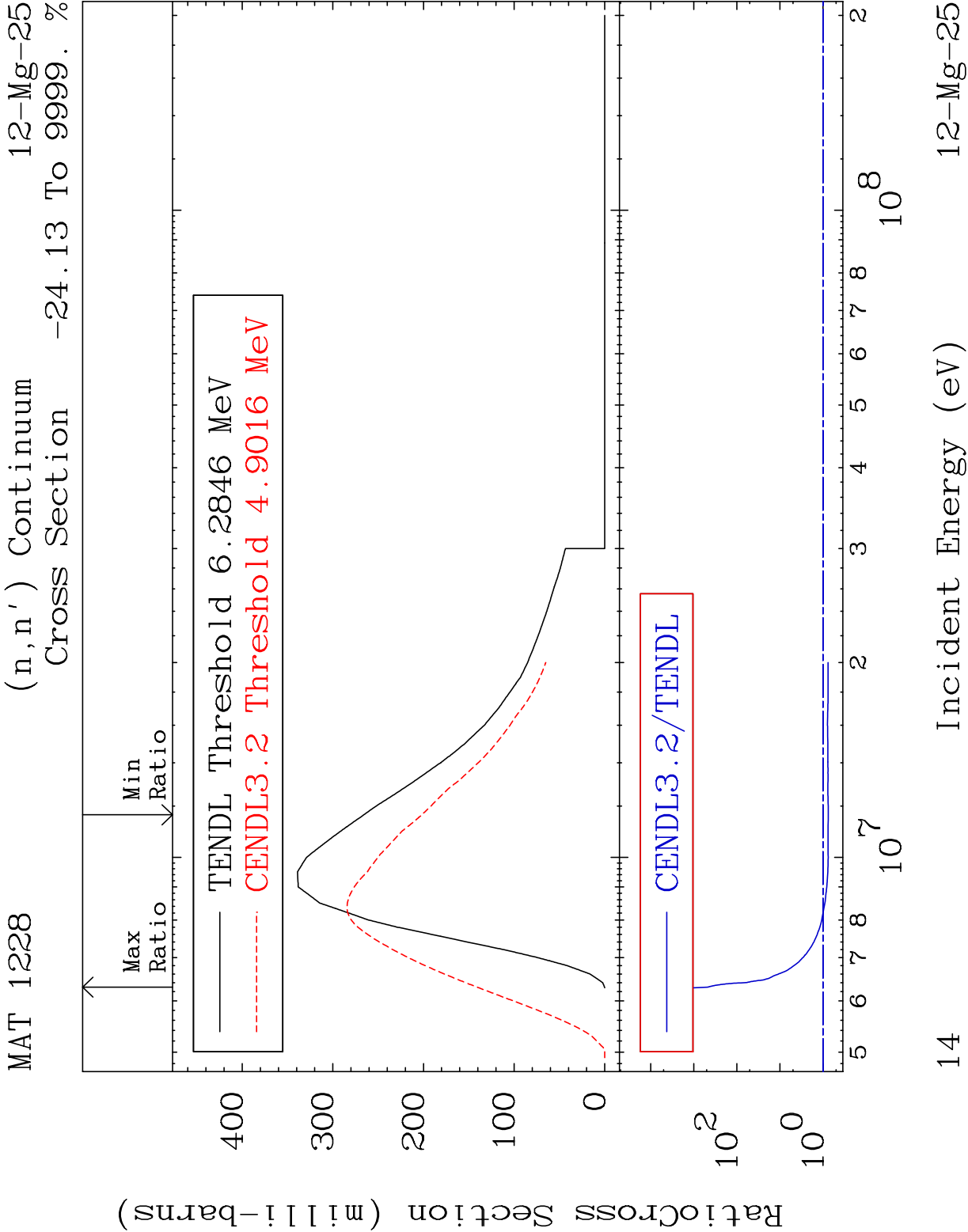
12-Mg-25

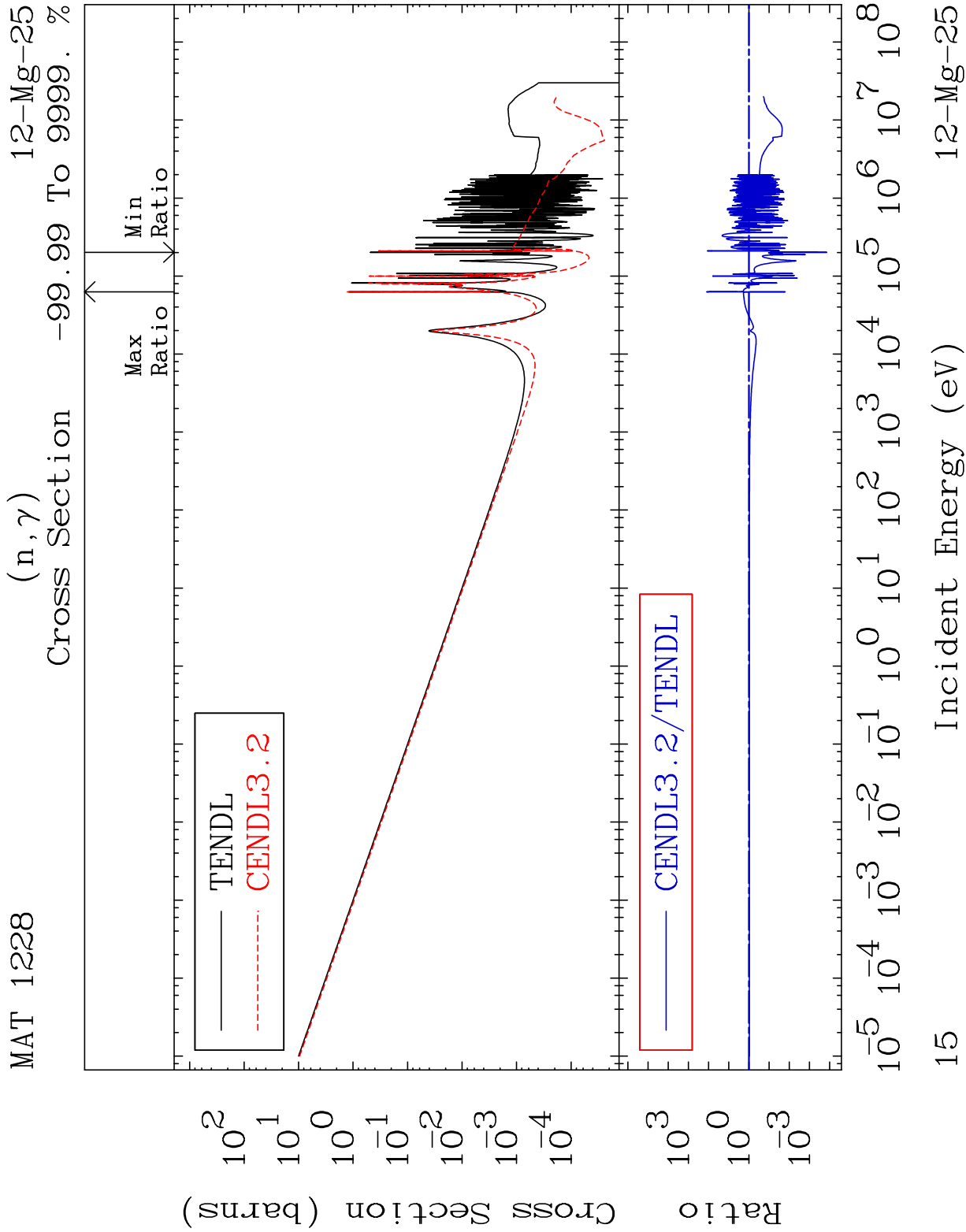
Cross Section

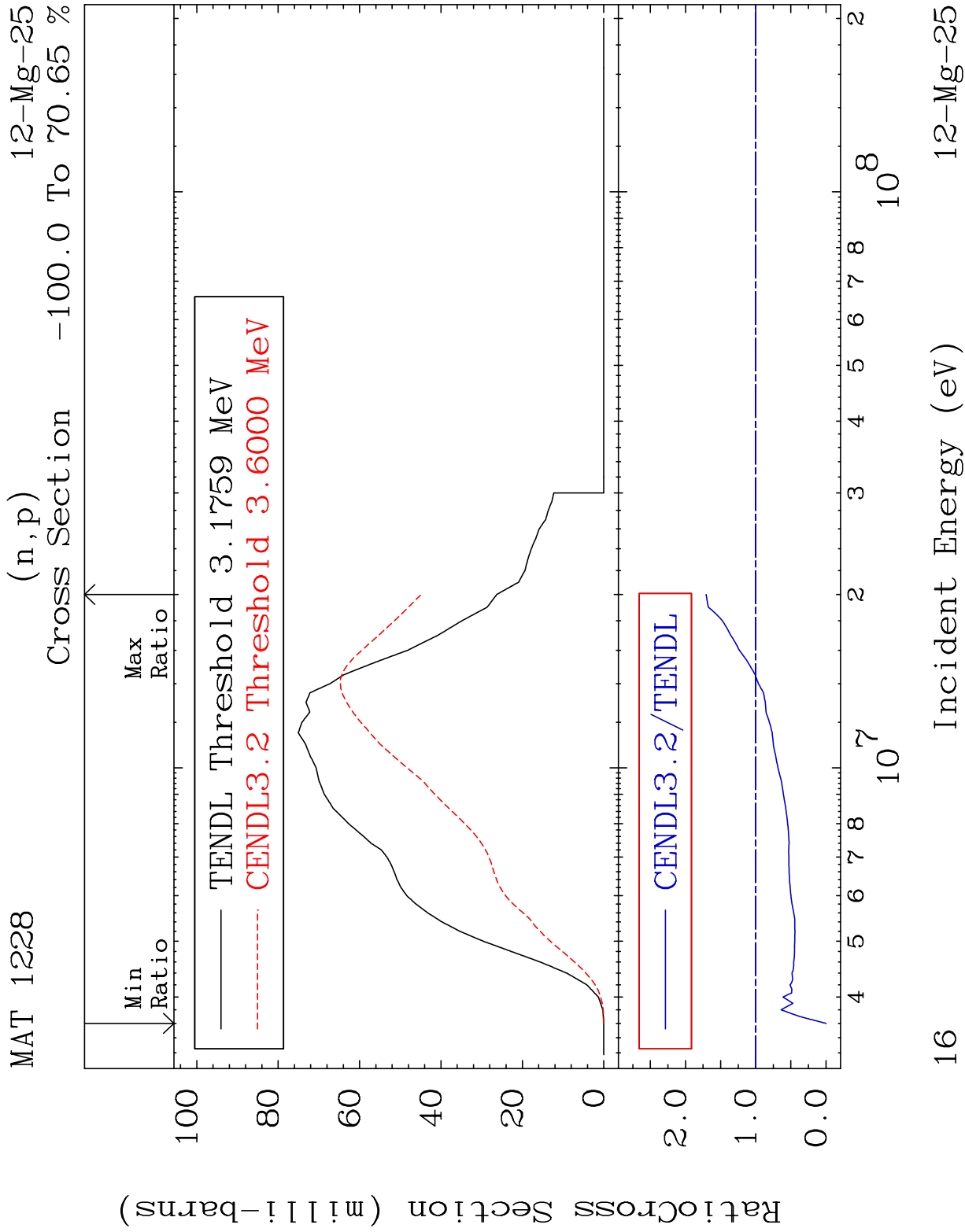
13.73

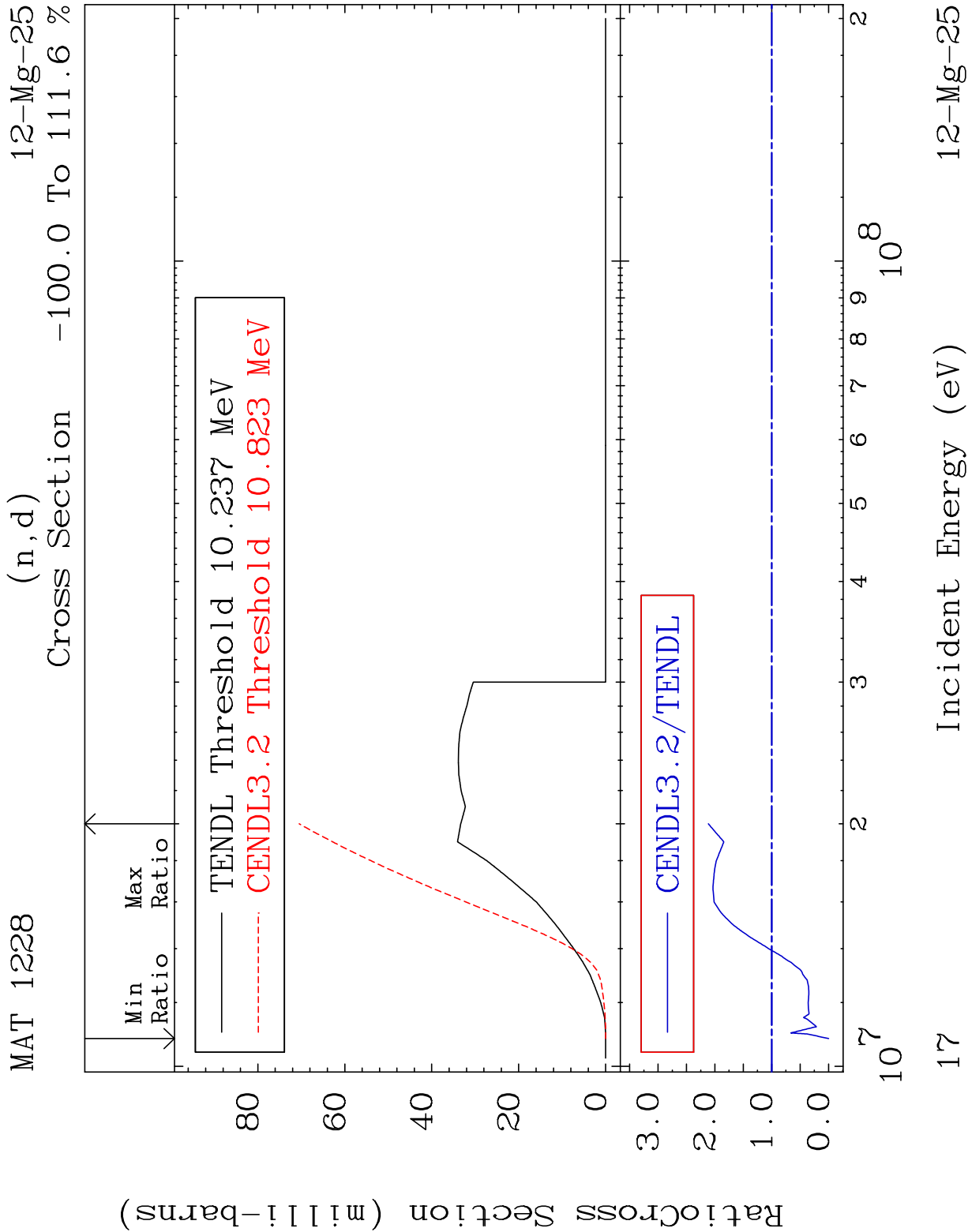
To 9999. %

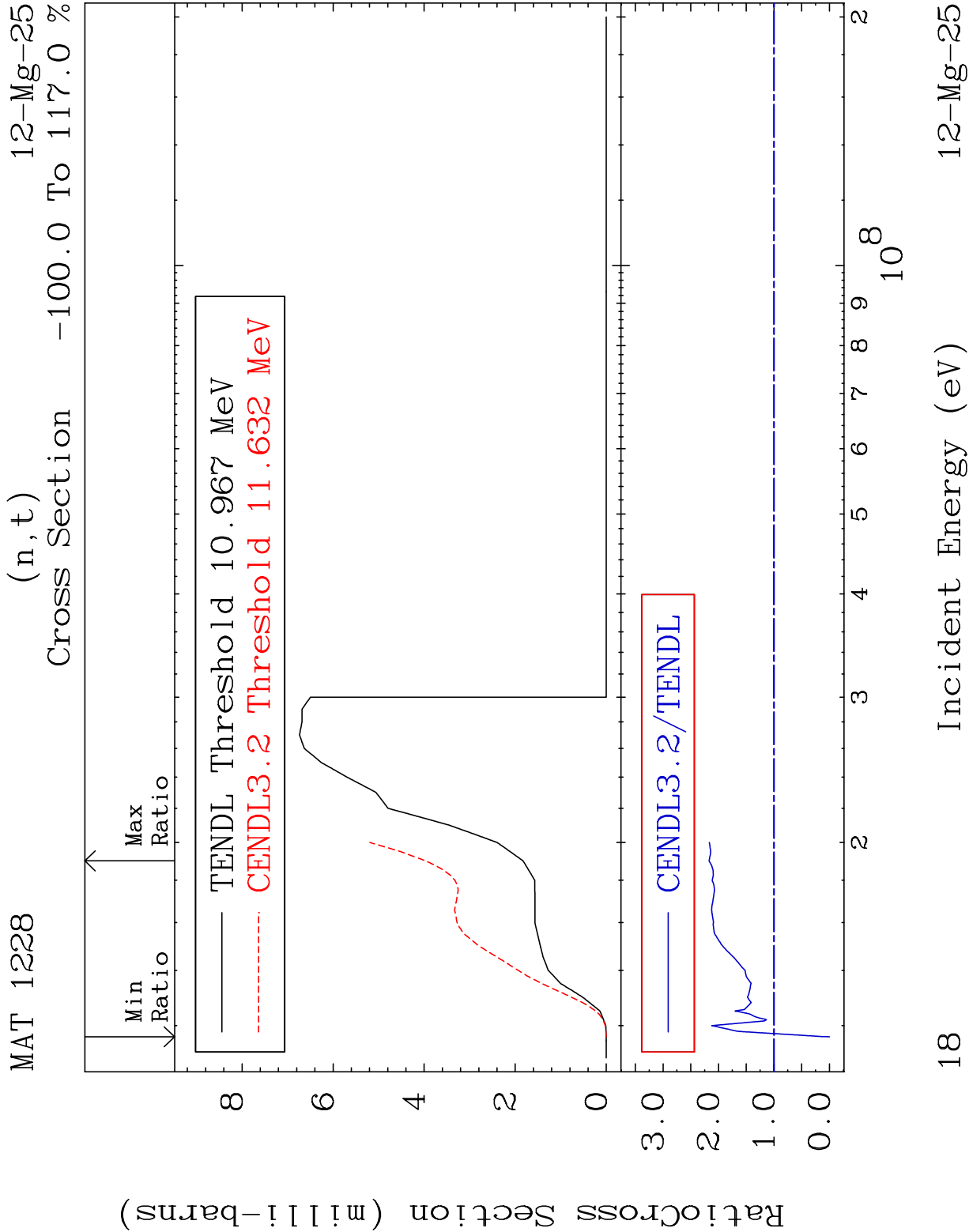


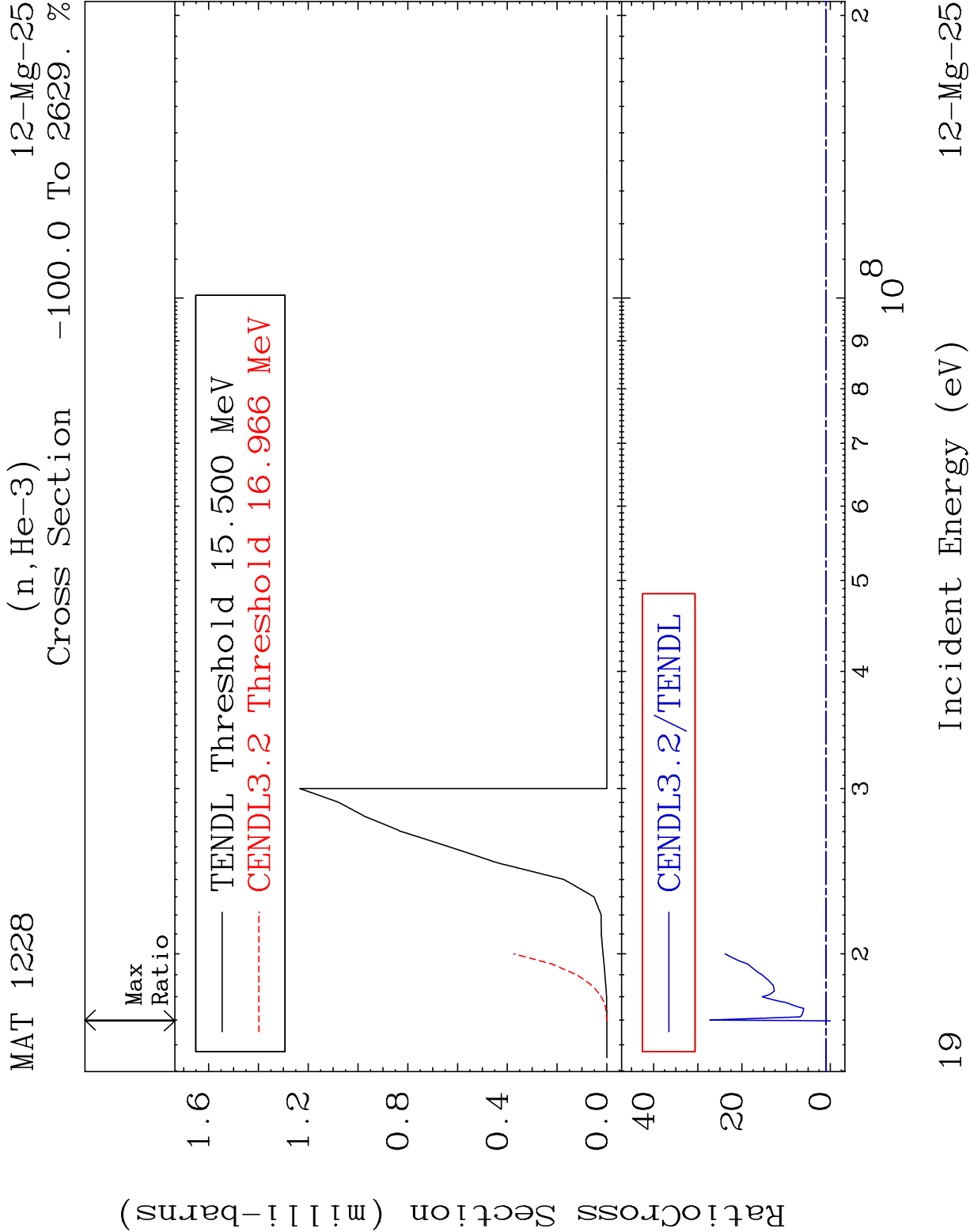


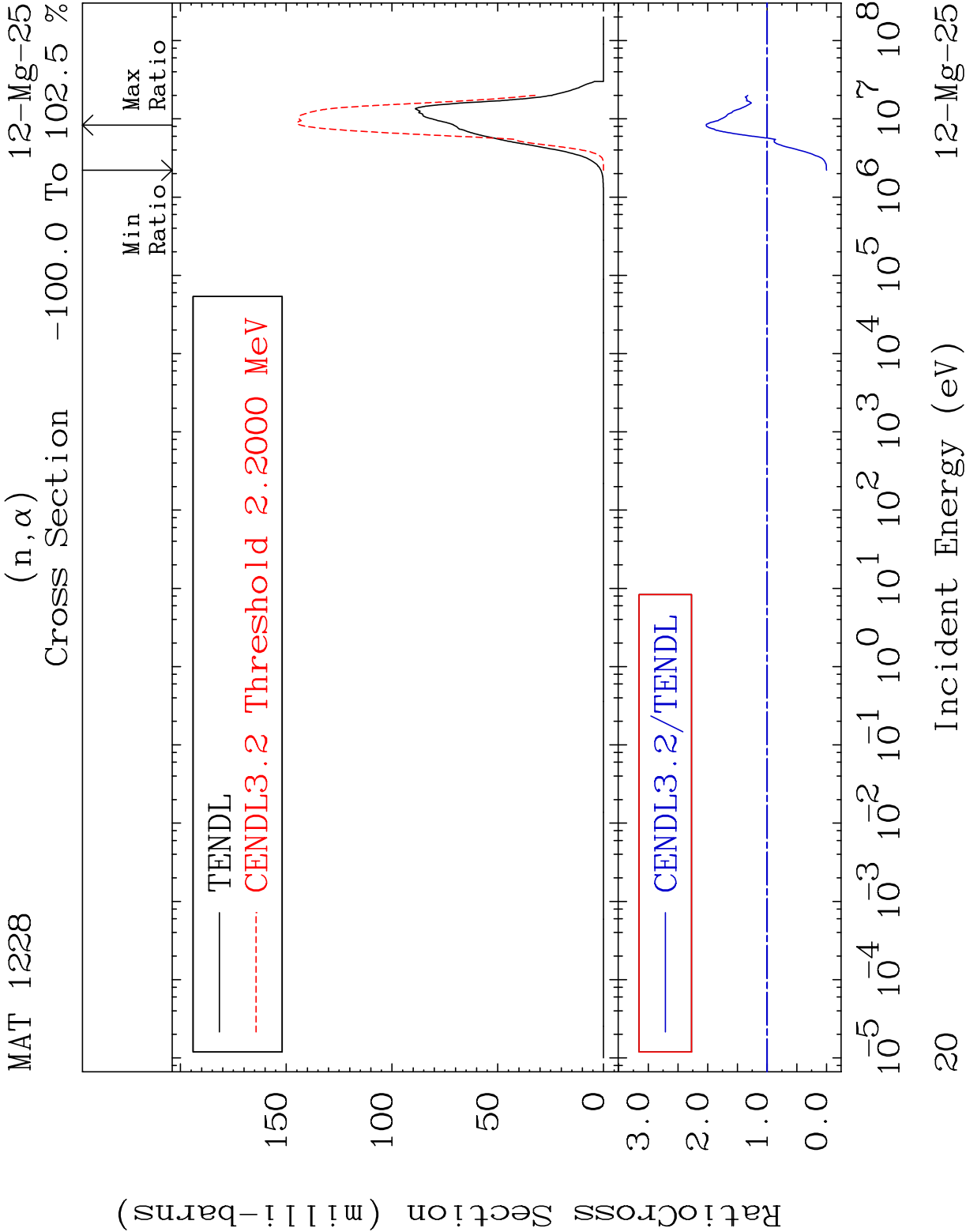


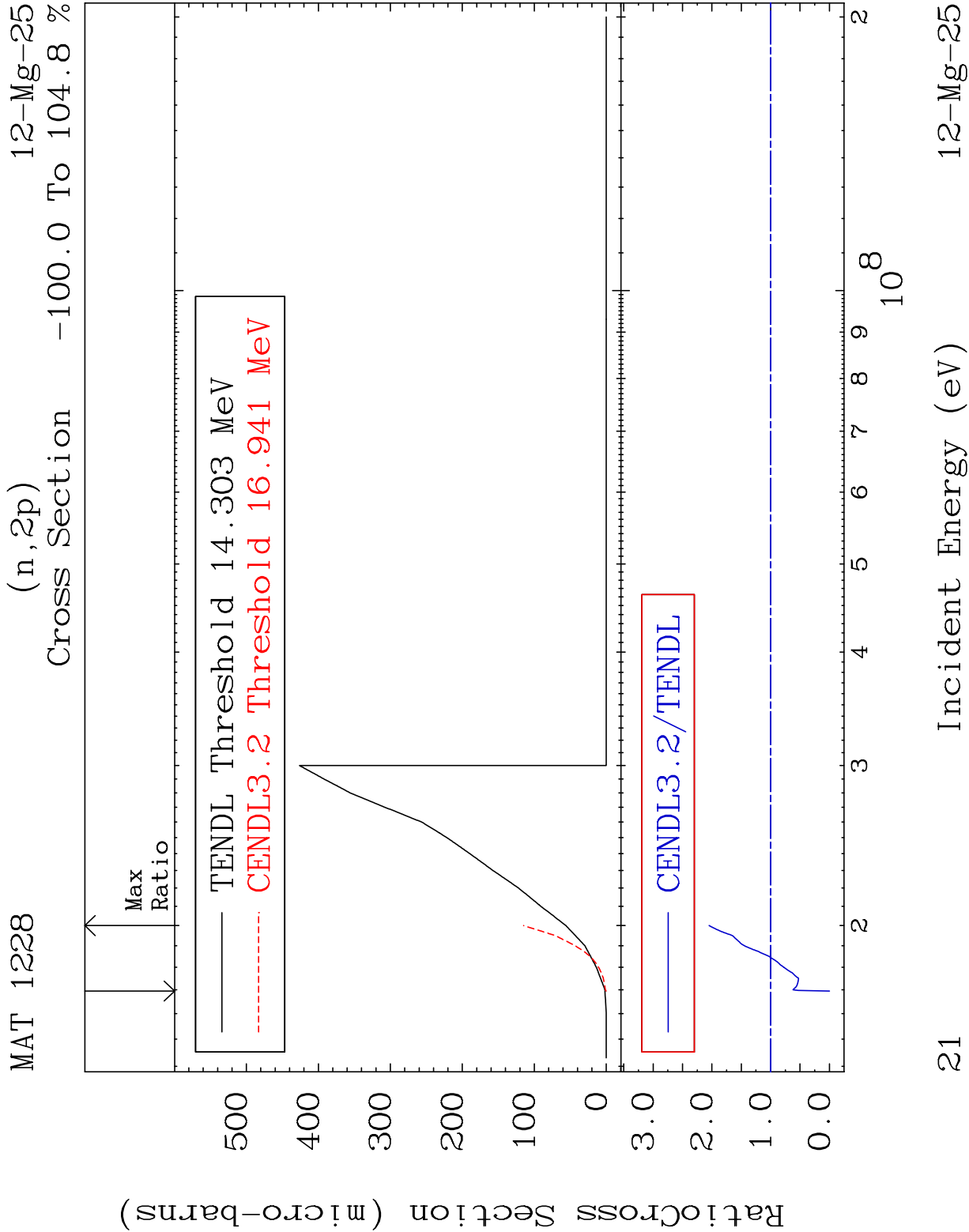


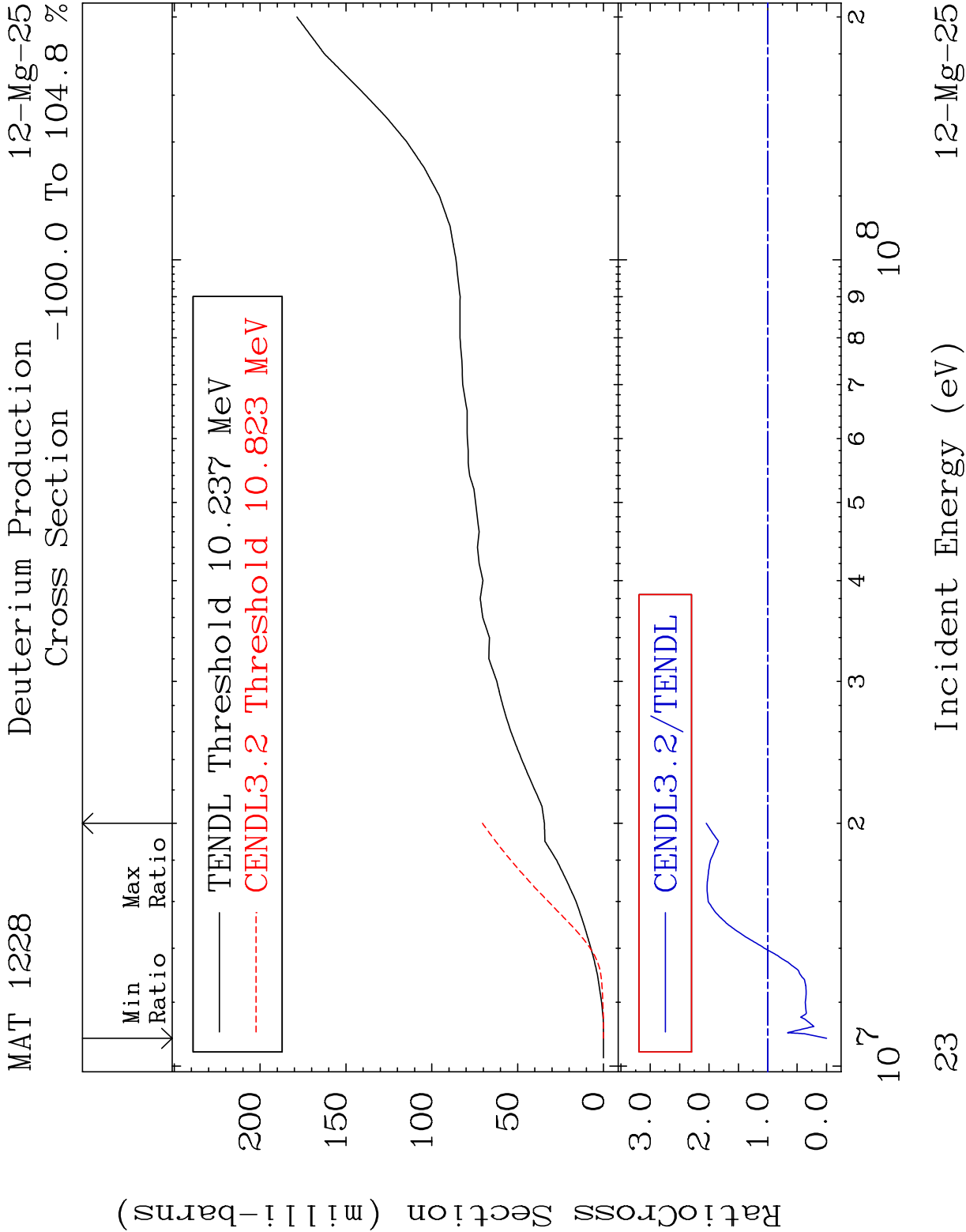


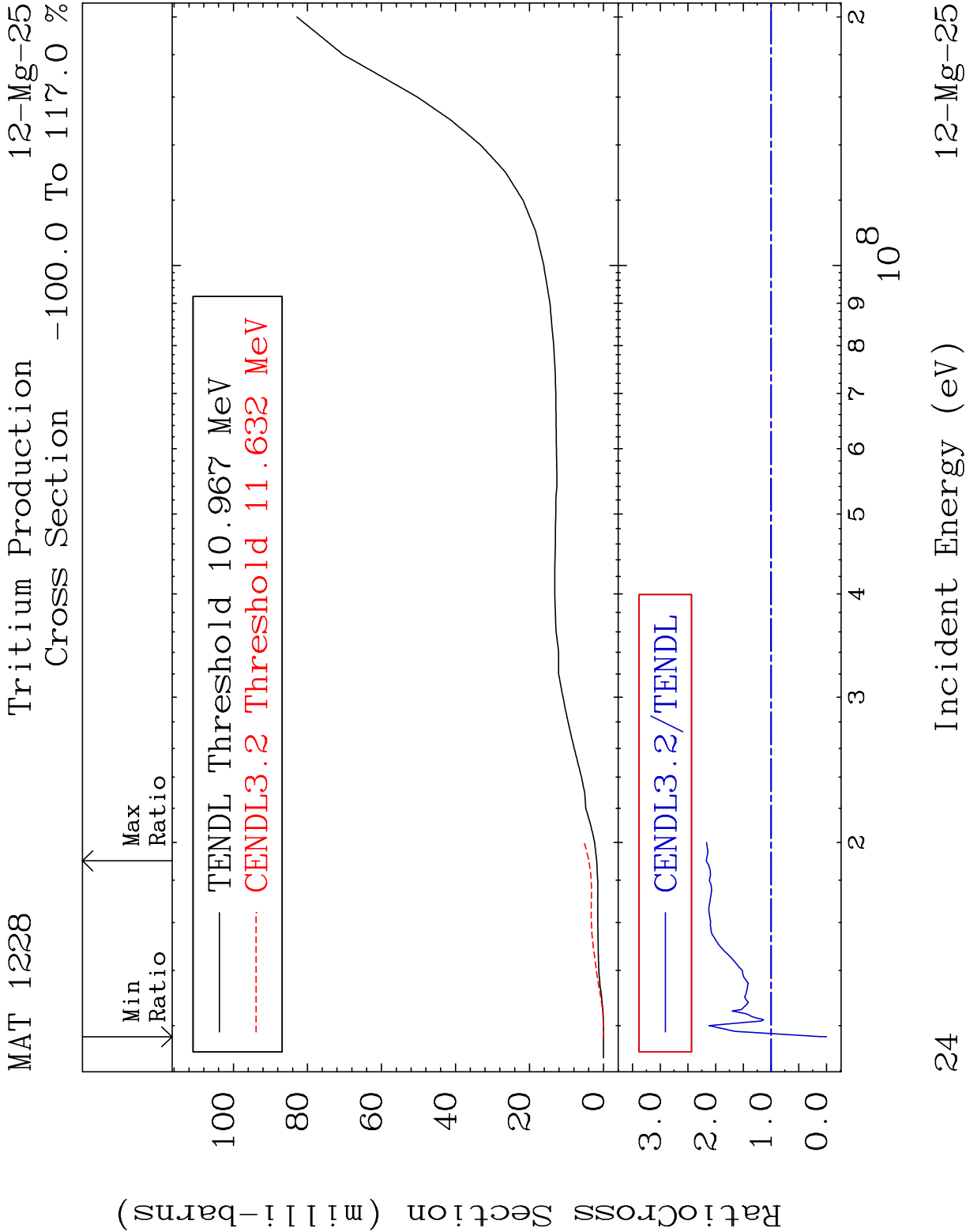




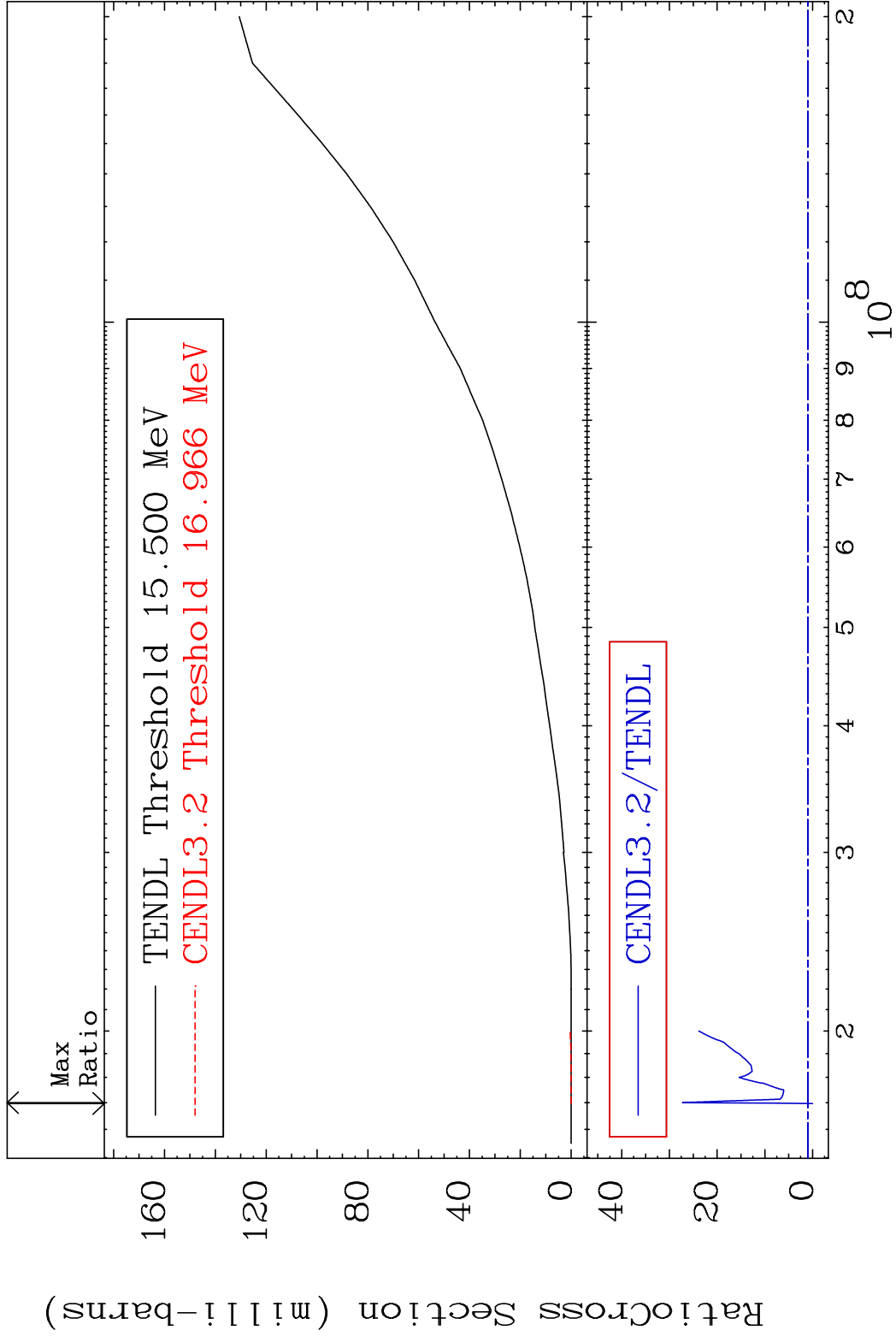




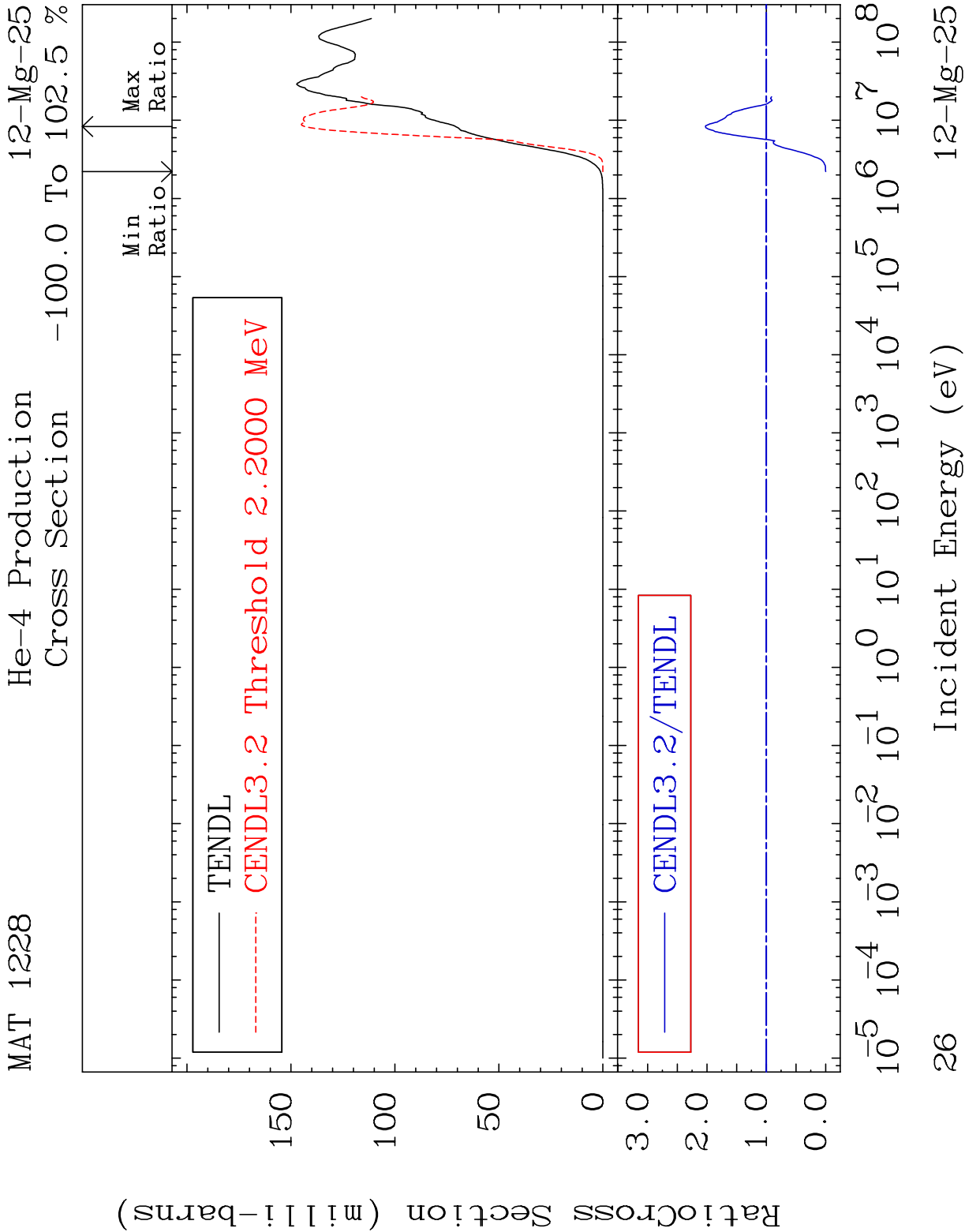


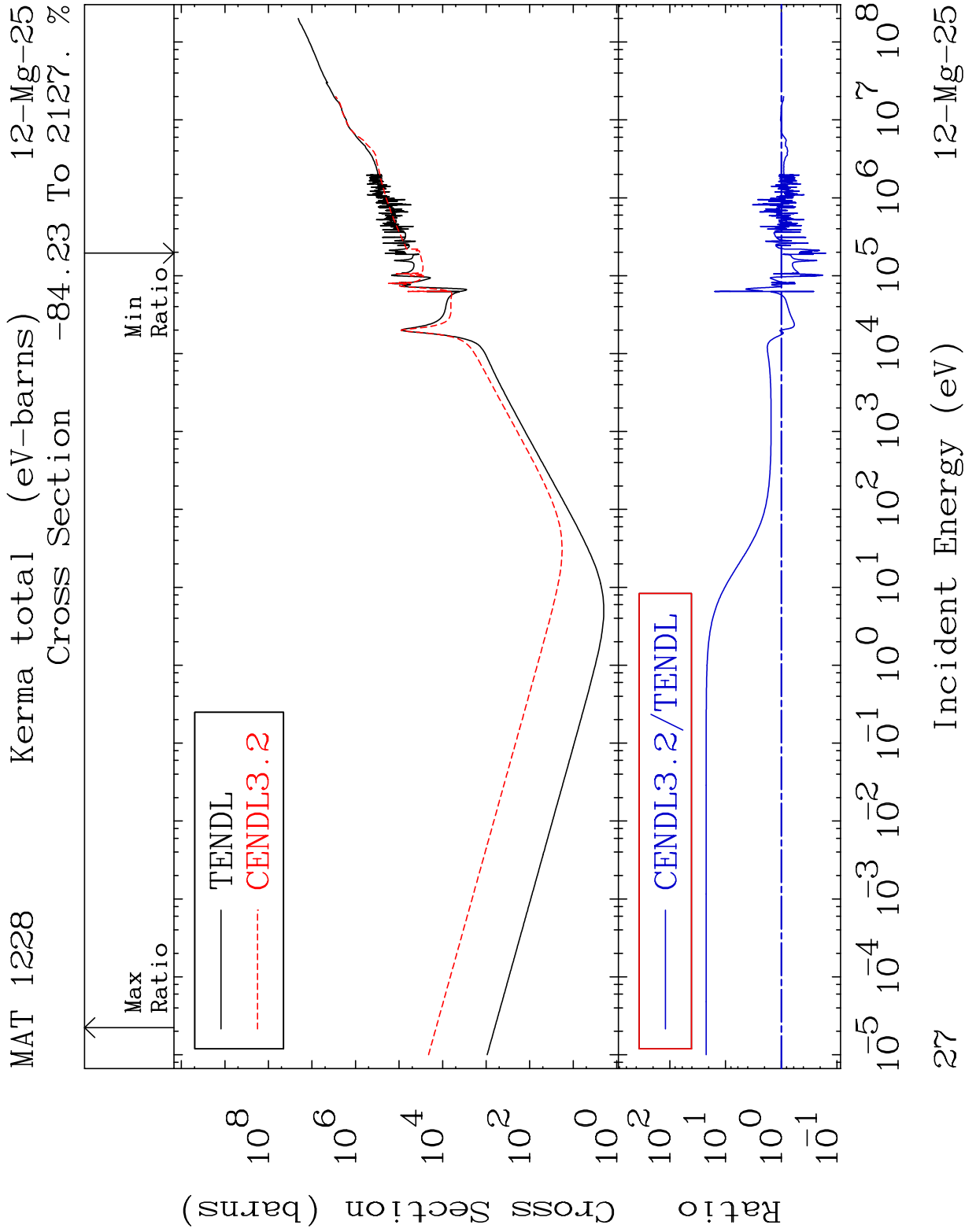


MAT 1228 He-3 Production 12-Mg-25
Cross Section -100.0 To 2629. %



25 Incident Energy (eV) 12-Mg-25

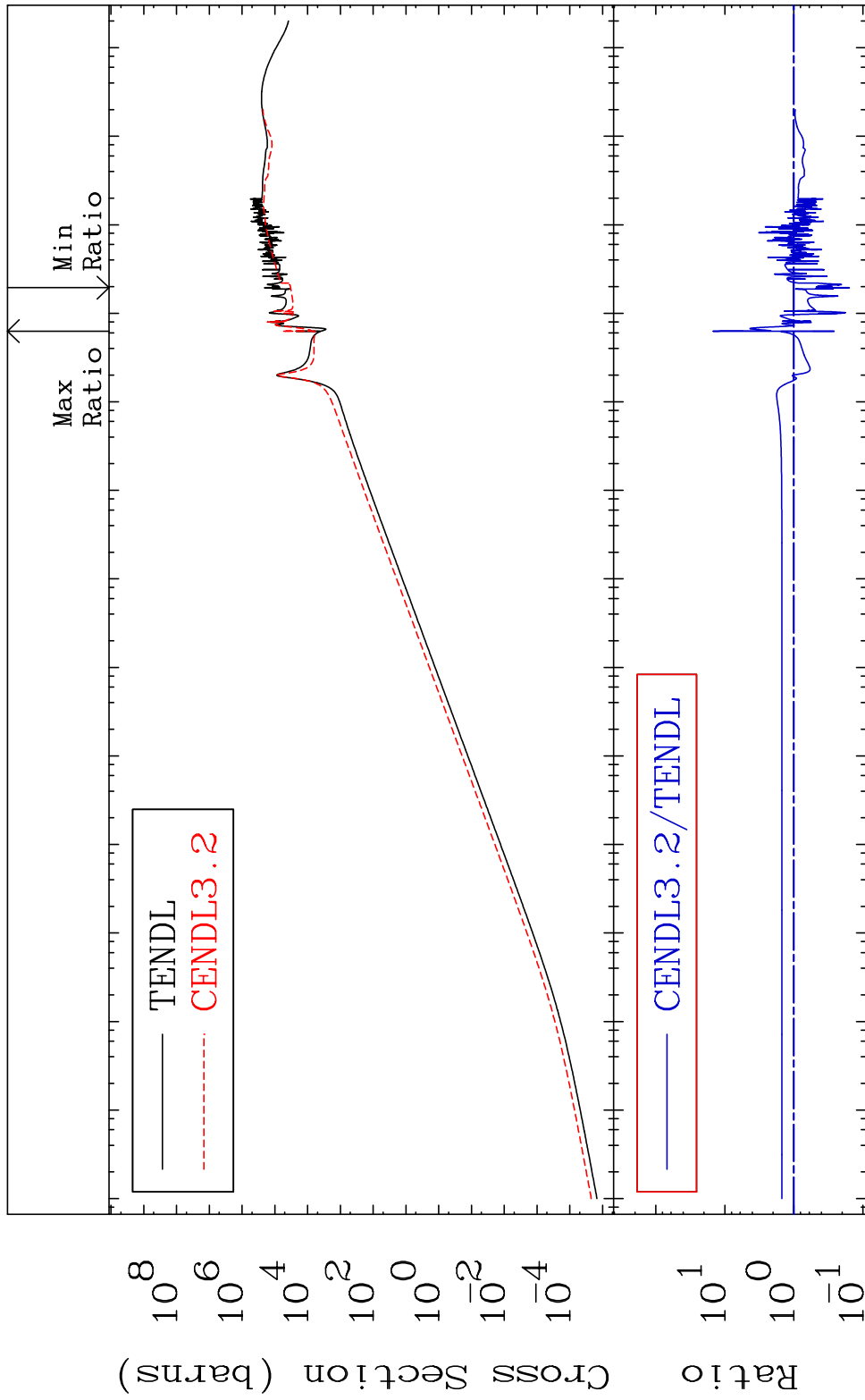




MAT 1228

Kerma elastic
Cross Section

12-Mg-25
-84.23 To 1374. %



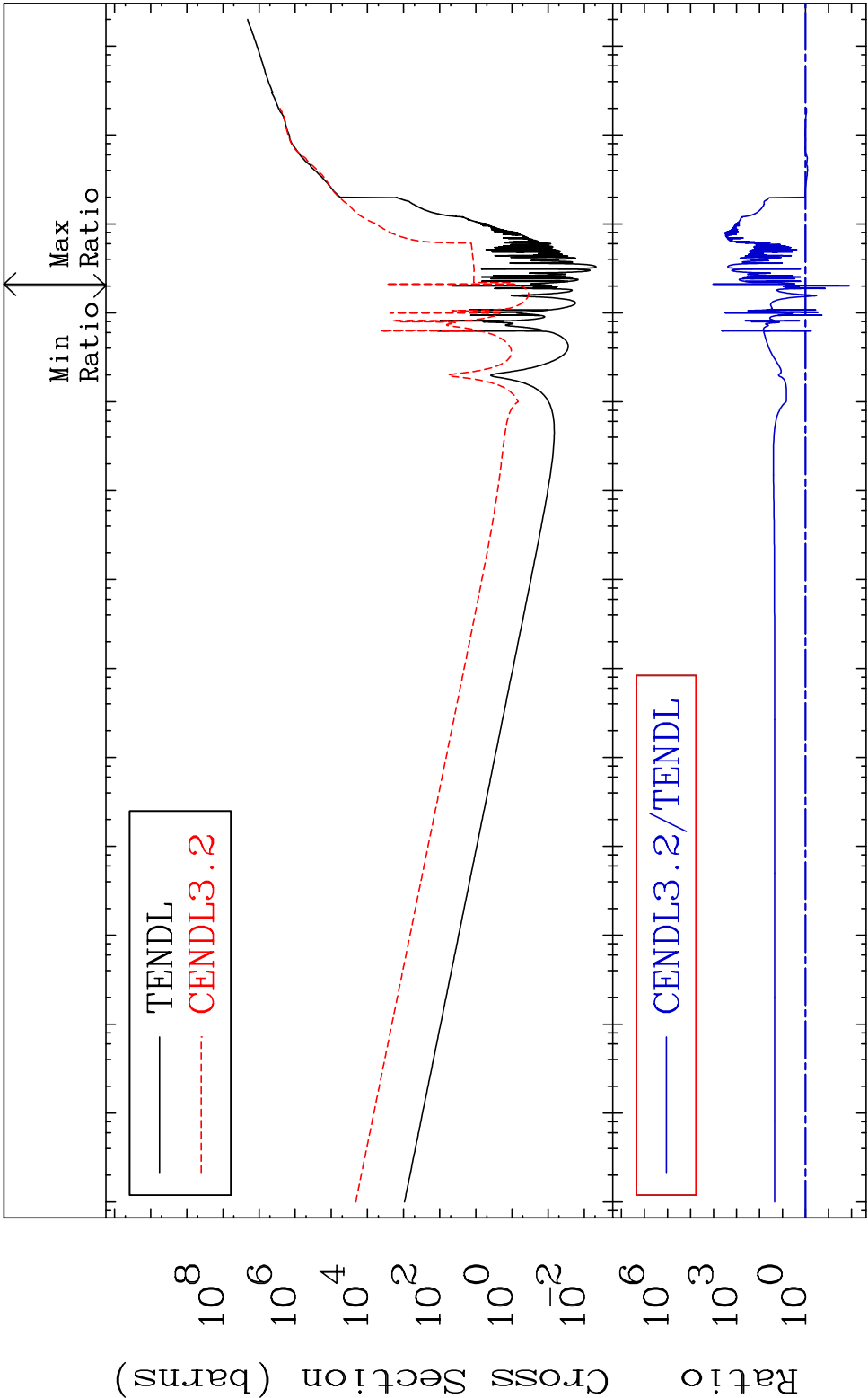
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

28

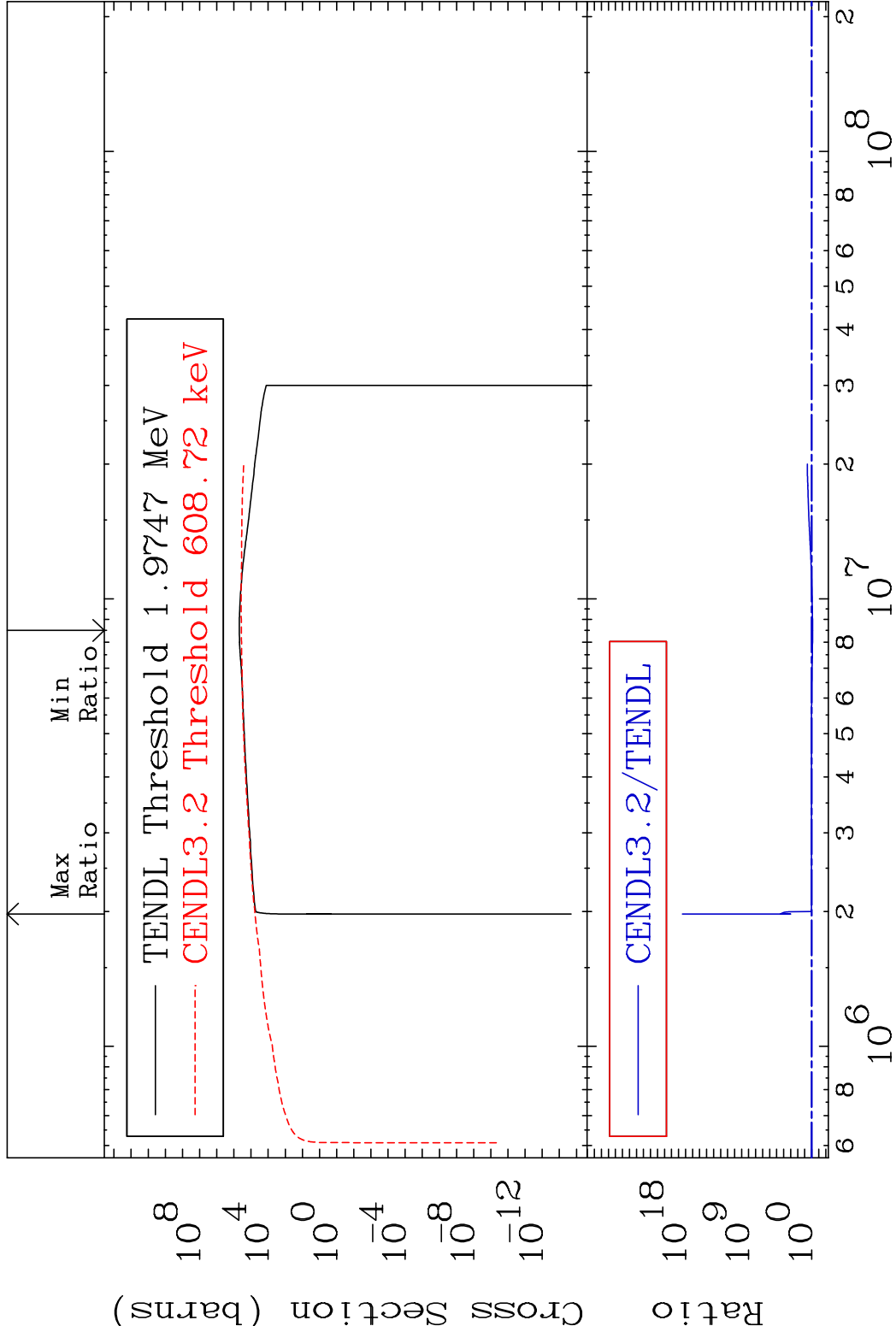
Incident Energy (eV)

12-Mg-25

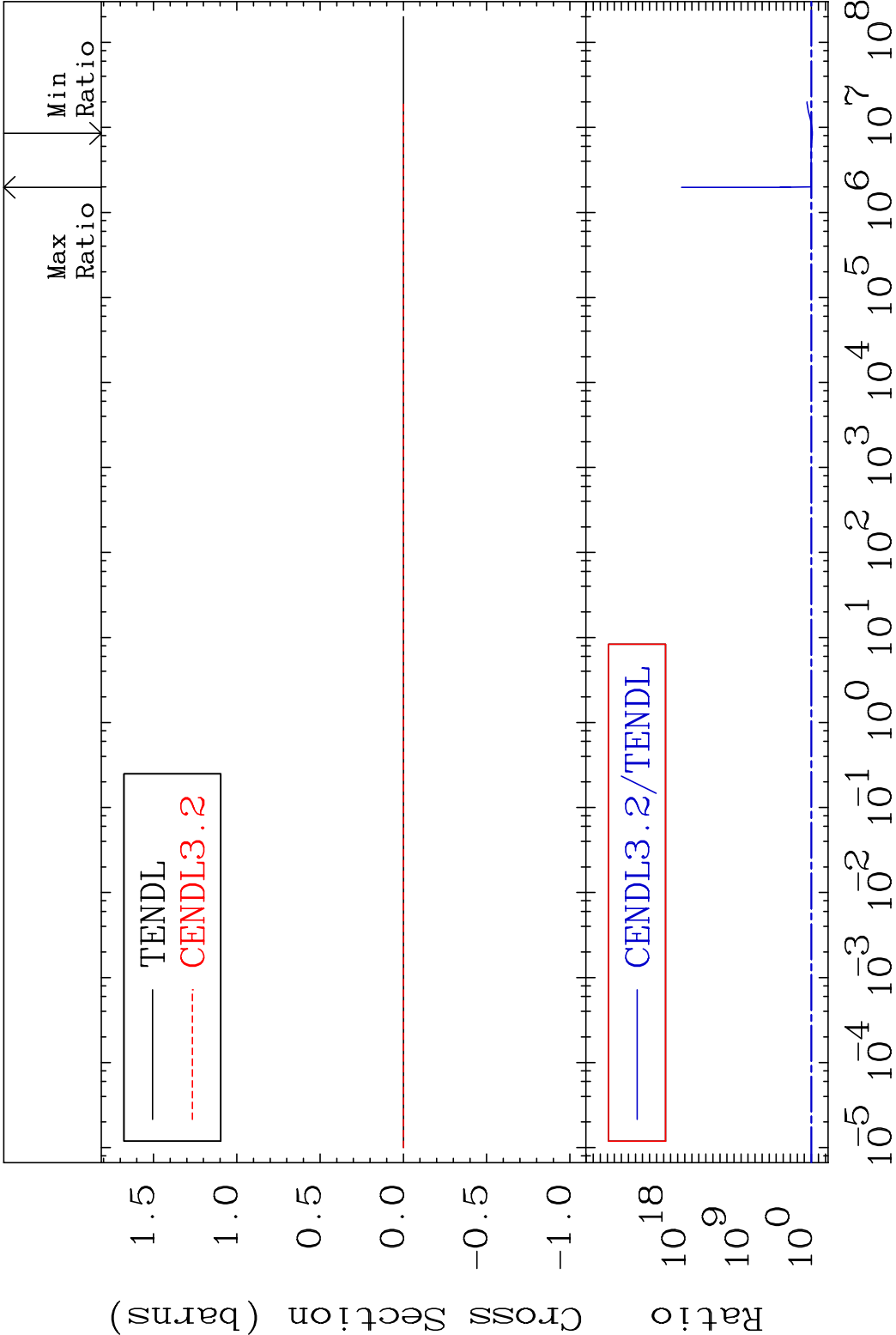
MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25
 Cross Section -98.77 To 9999. %

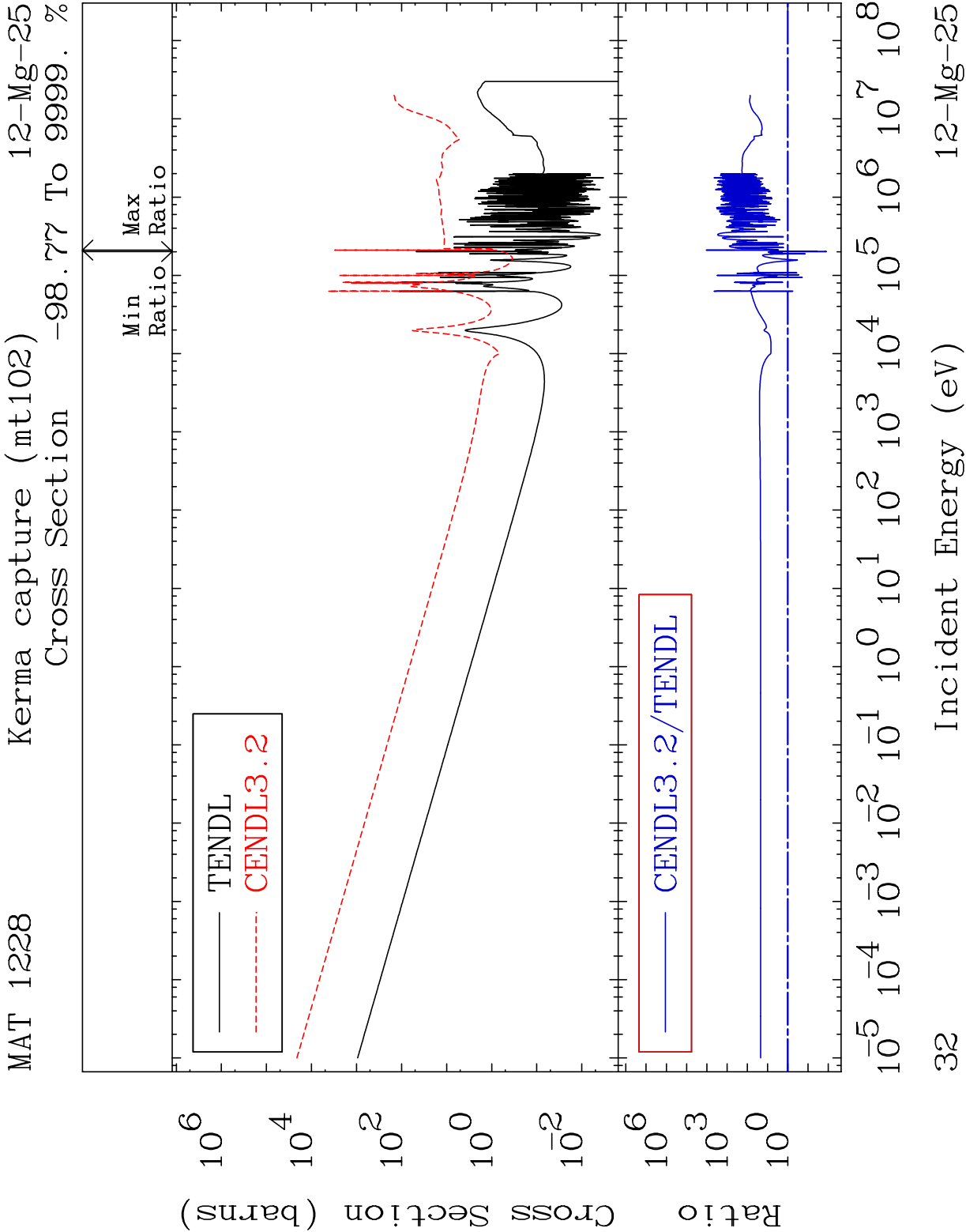


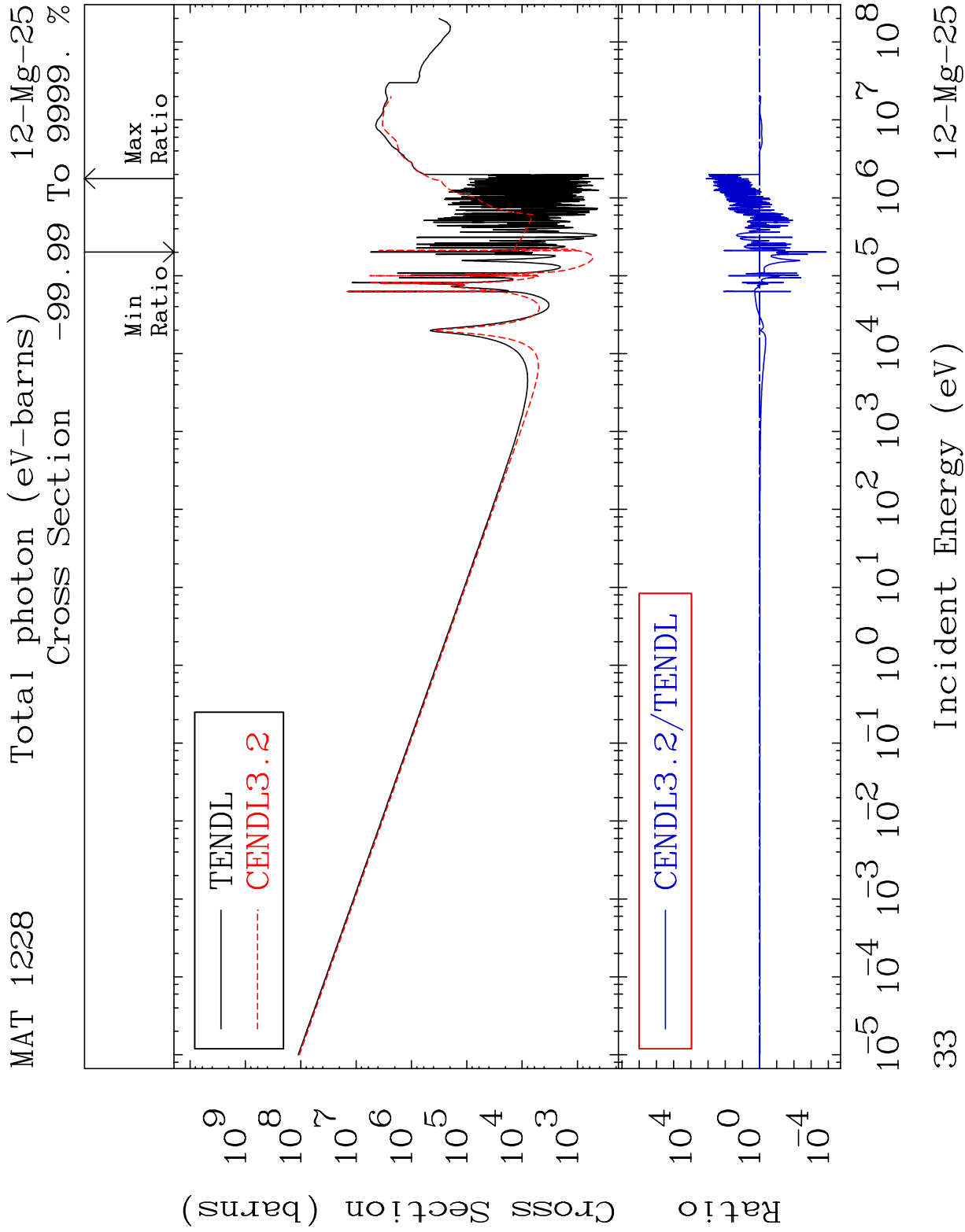
29 Incident Energy (eV) 12-Mg-25



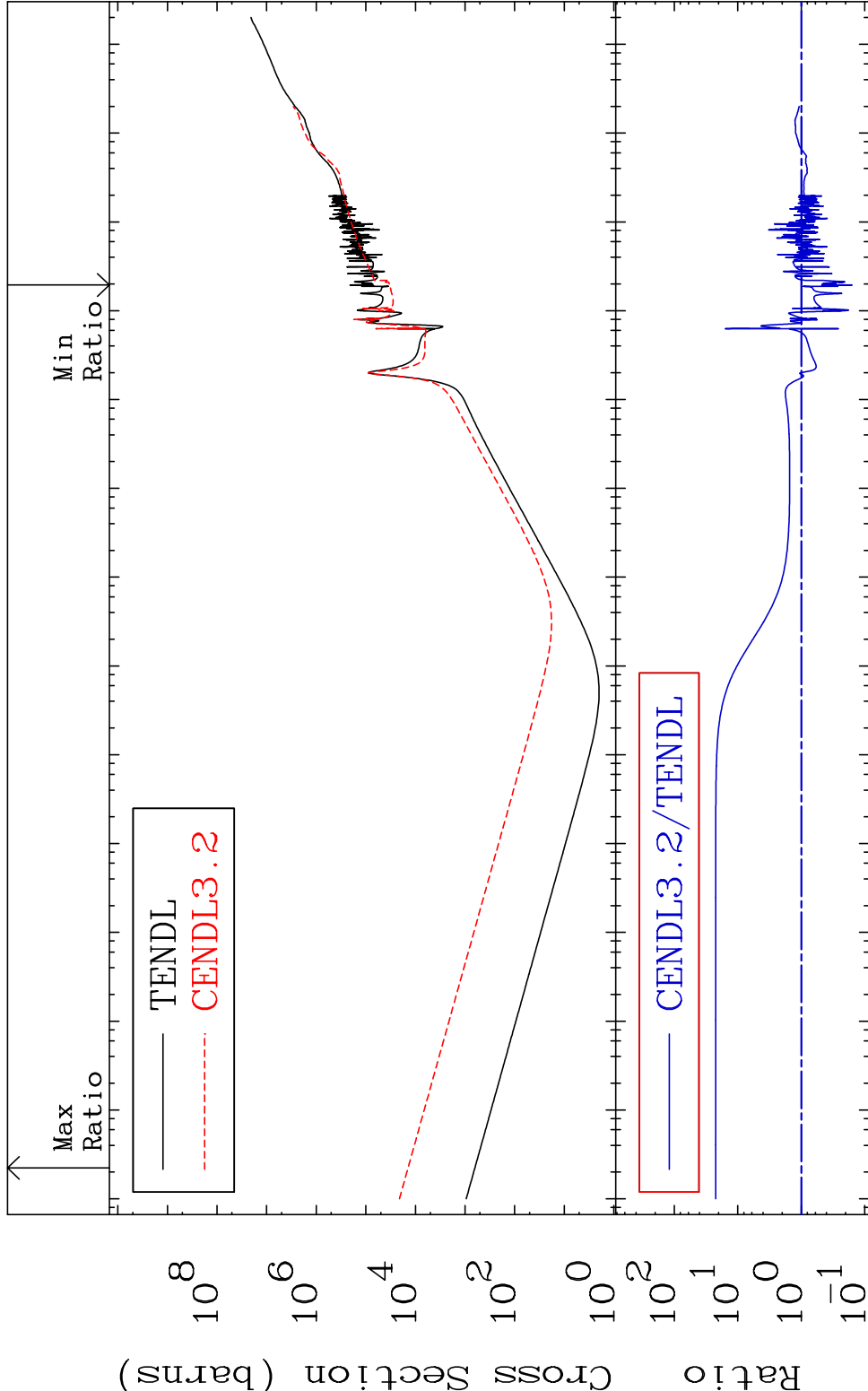
MAT 1228Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25
Cross Section -24.00 To 9999. %





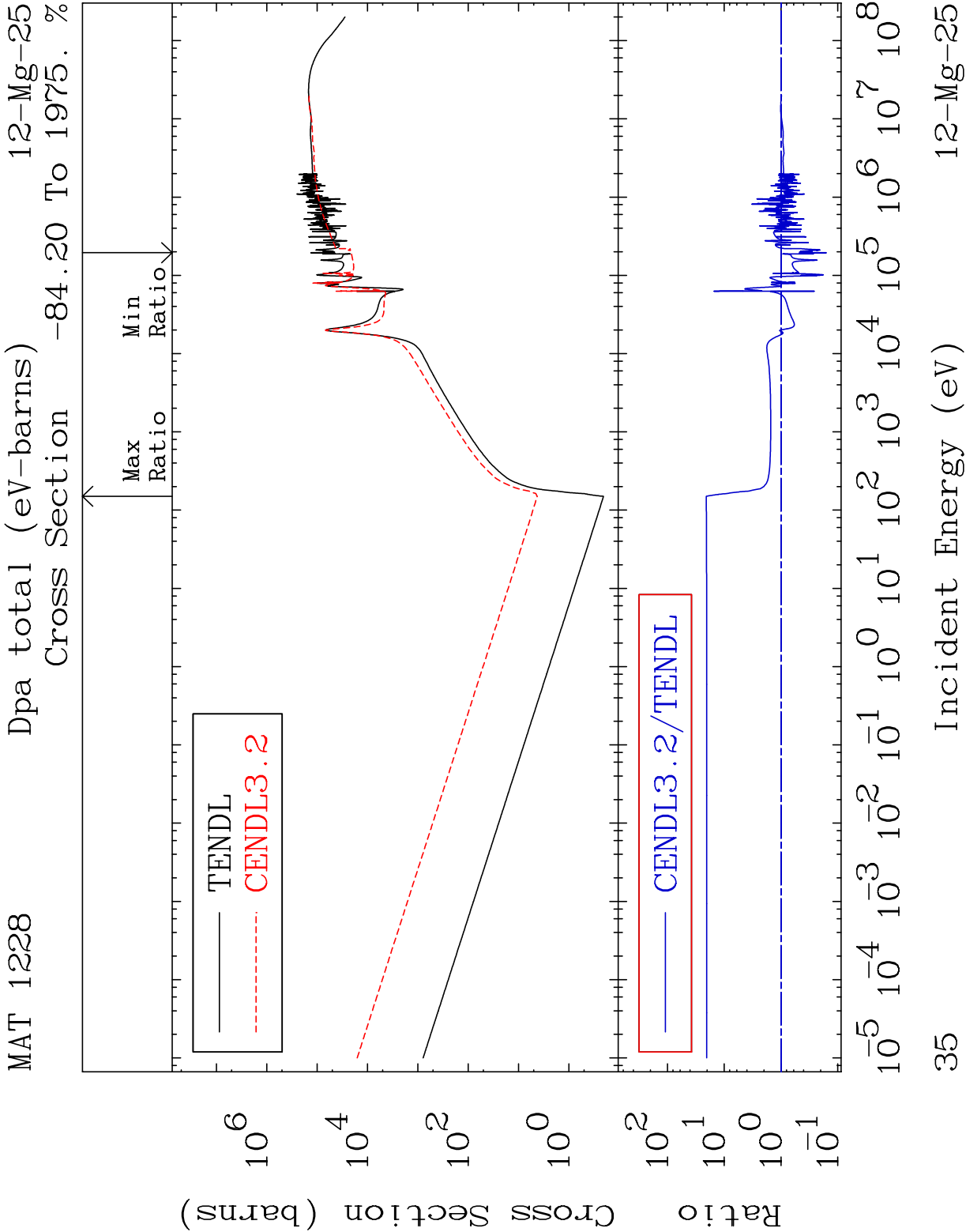


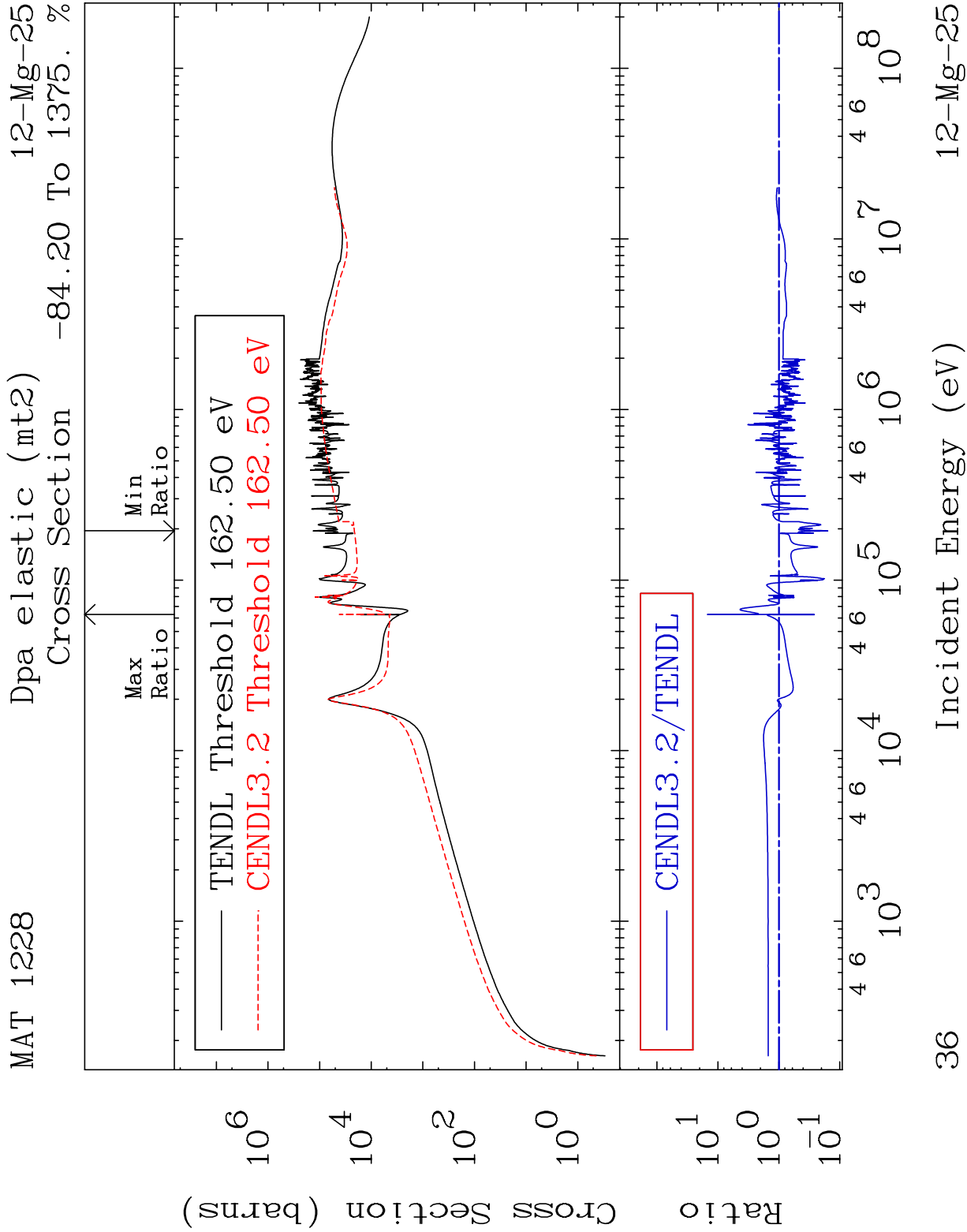
MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
Cross Section -84.23 To 2127. %

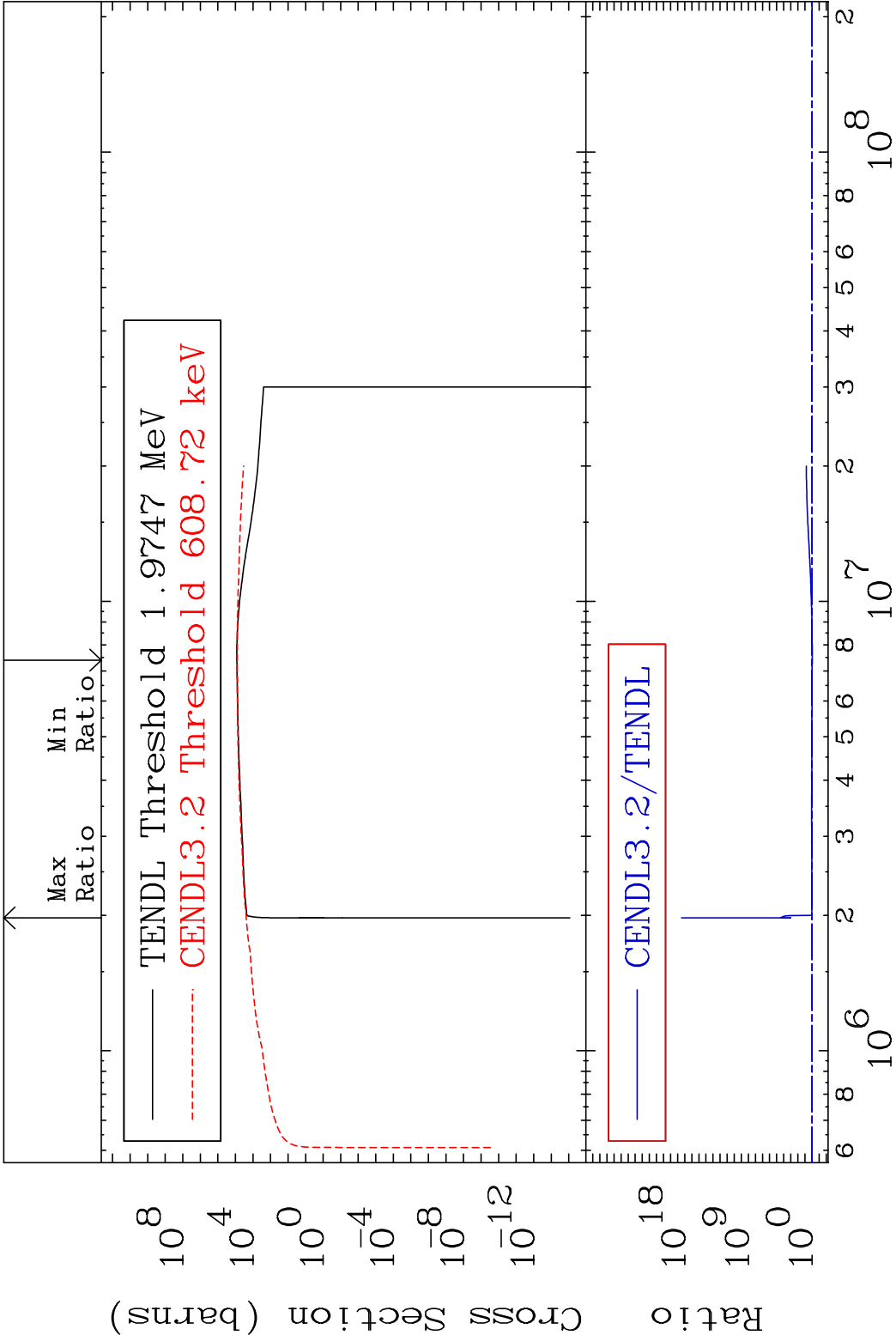


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

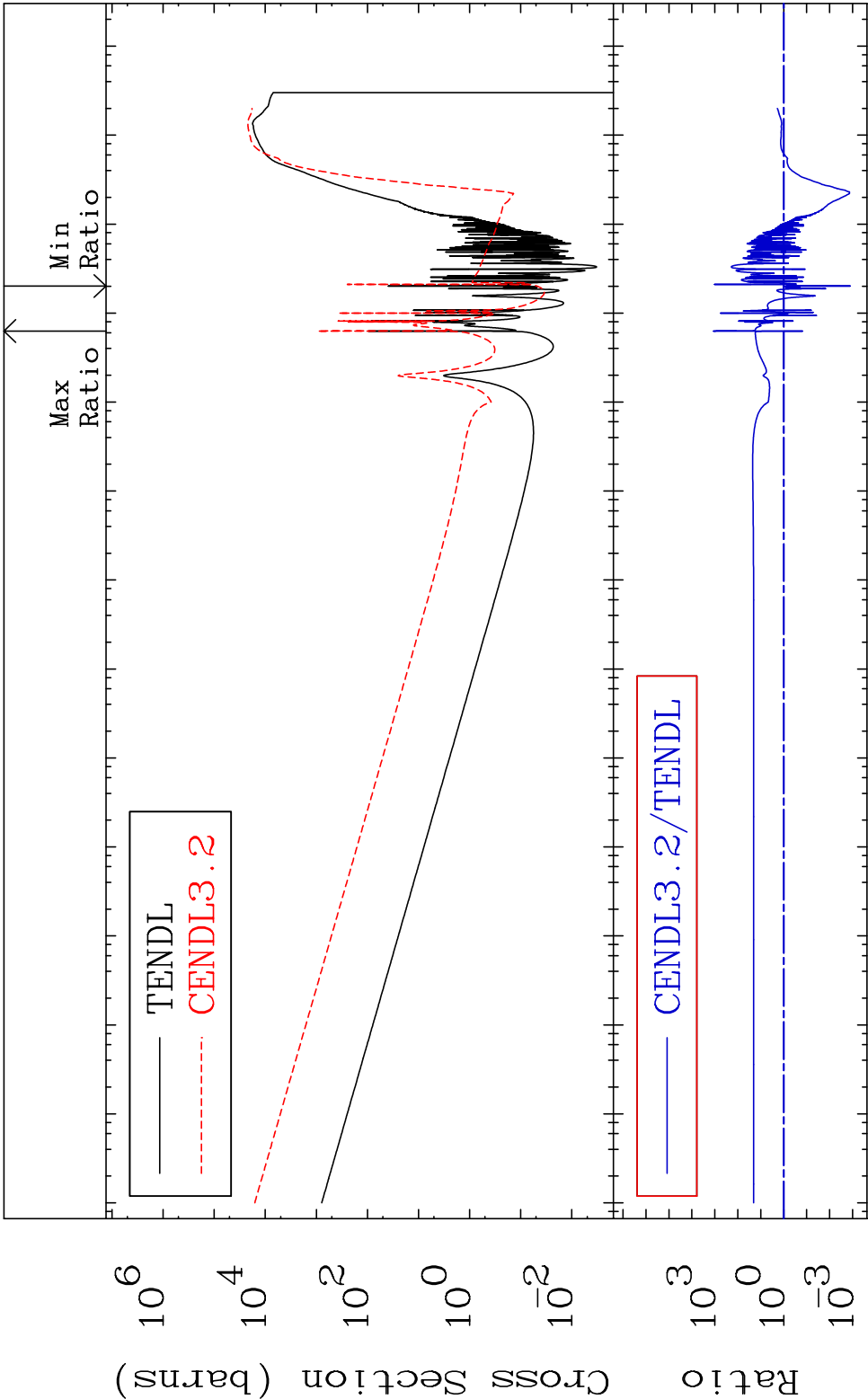
34 Incident Energy (eV) 12-Mg-25



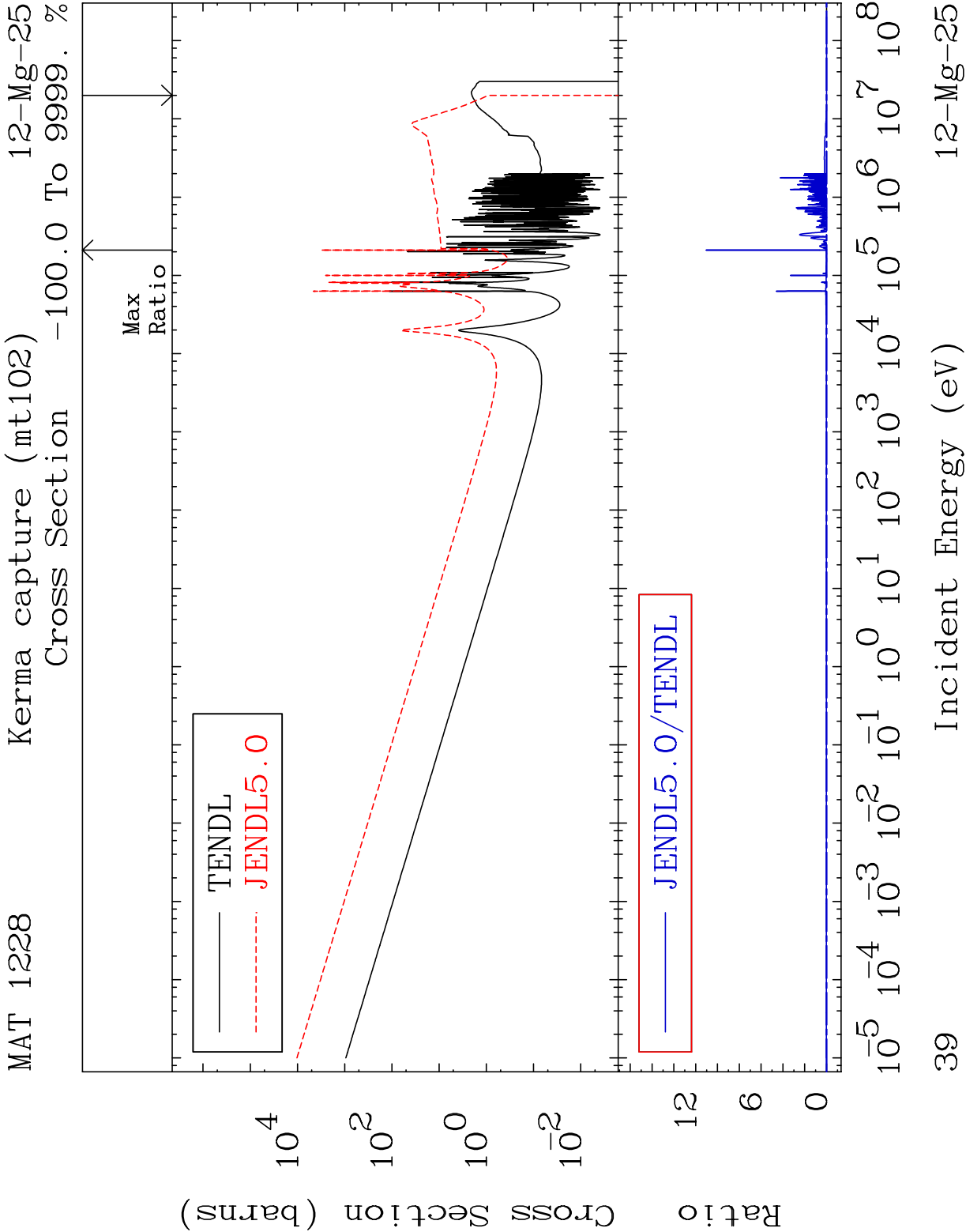


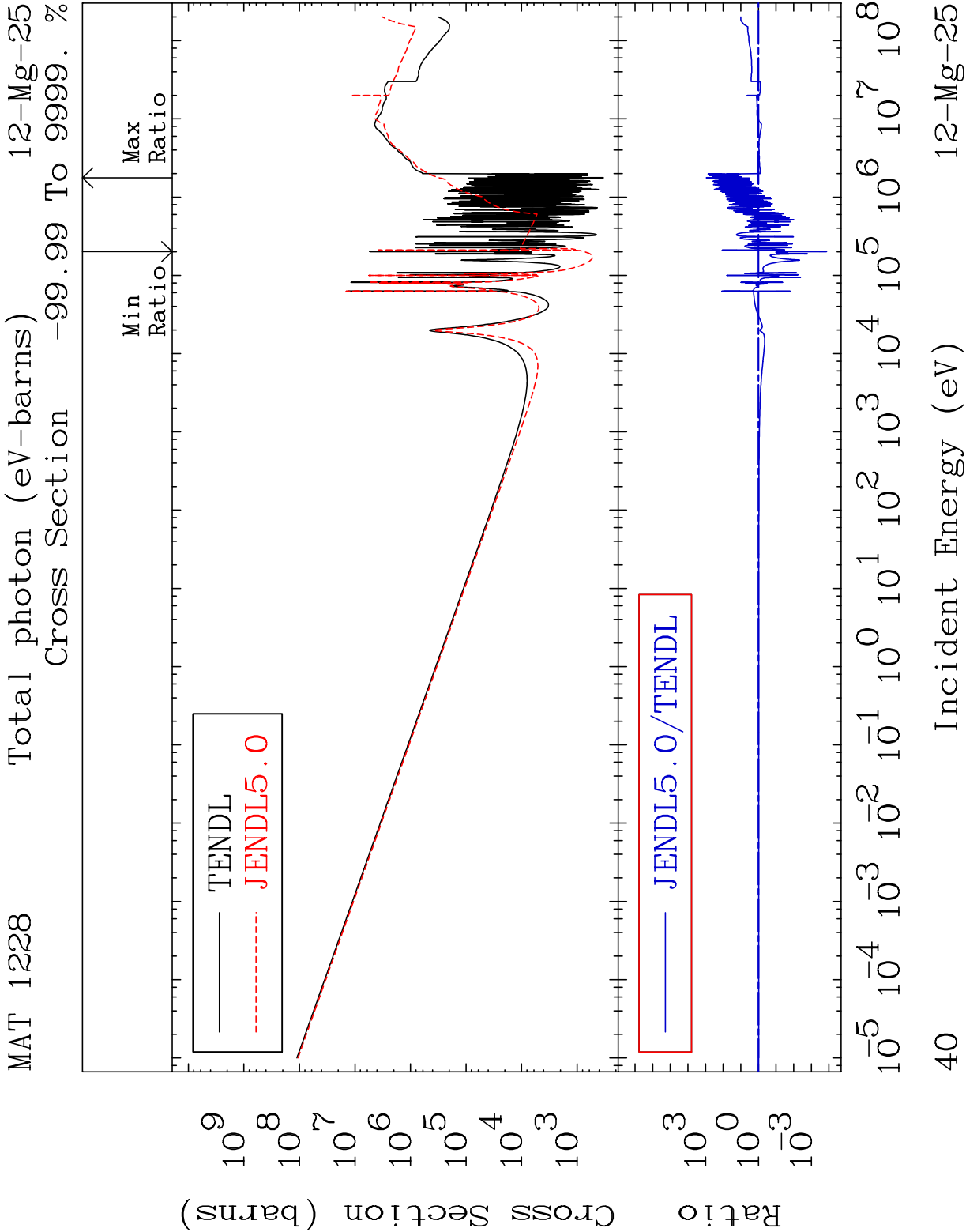


MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25
Cross Section -99.87 To 9999. %

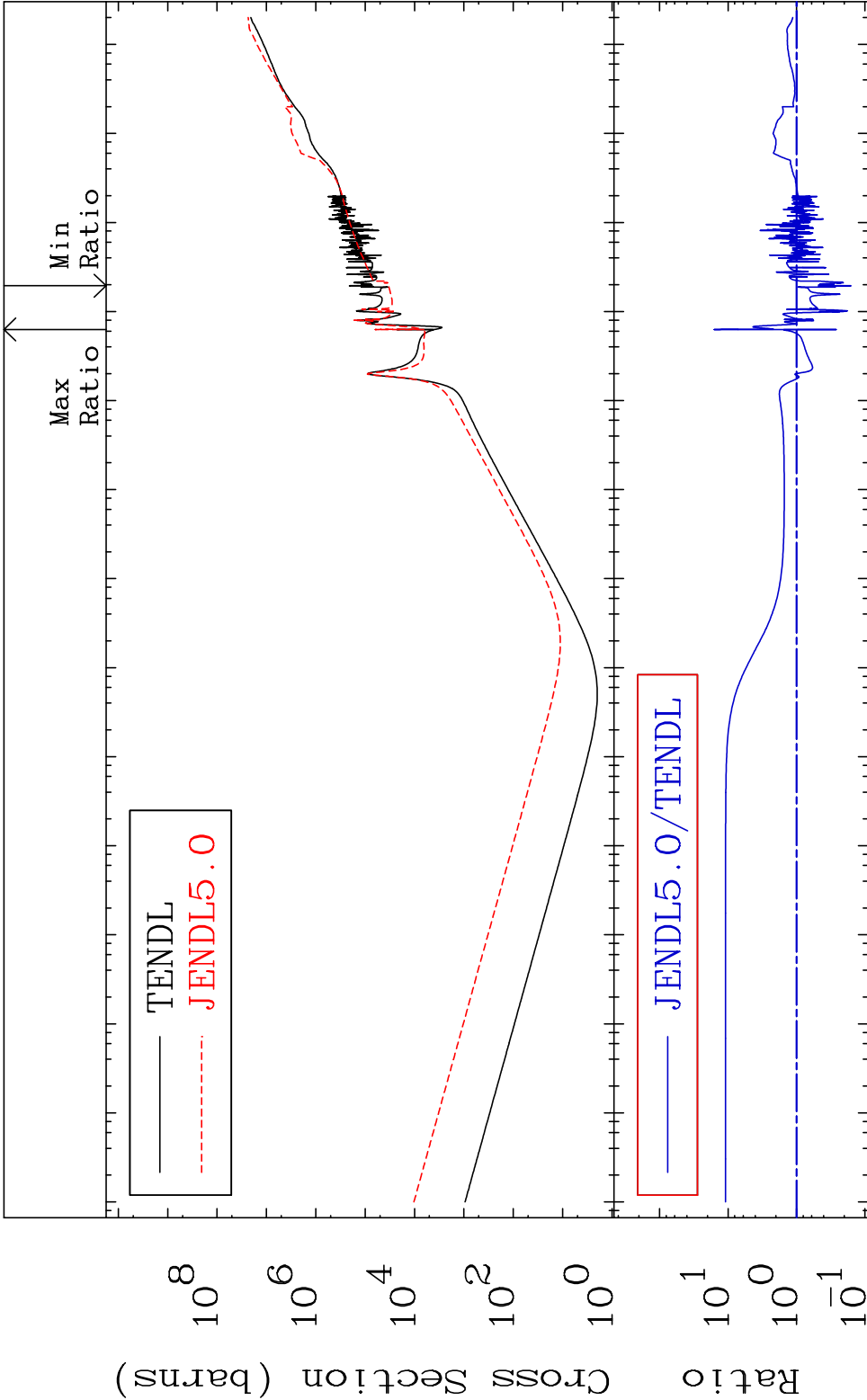


38 Incident Energy (eV) 12-Mg-25

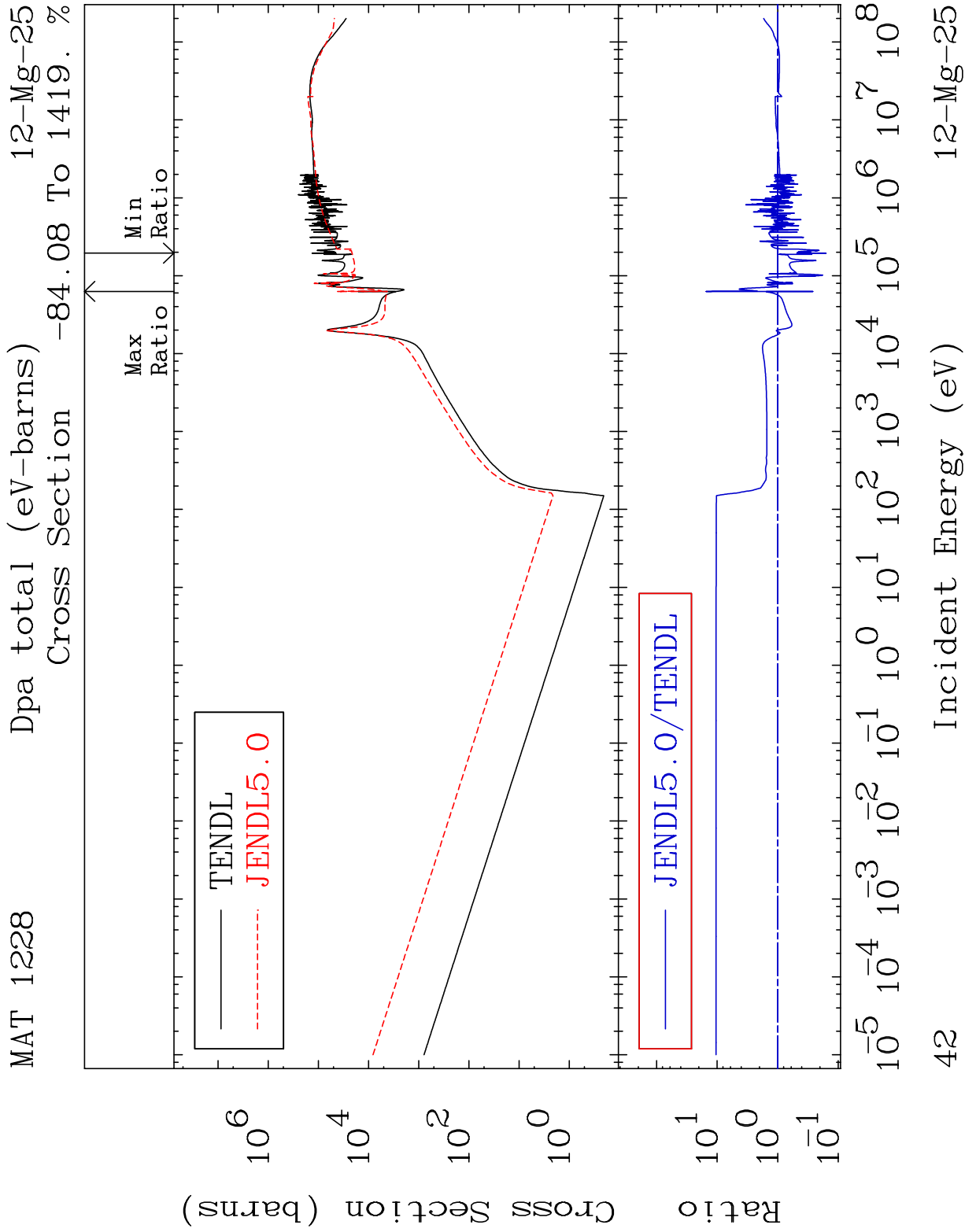


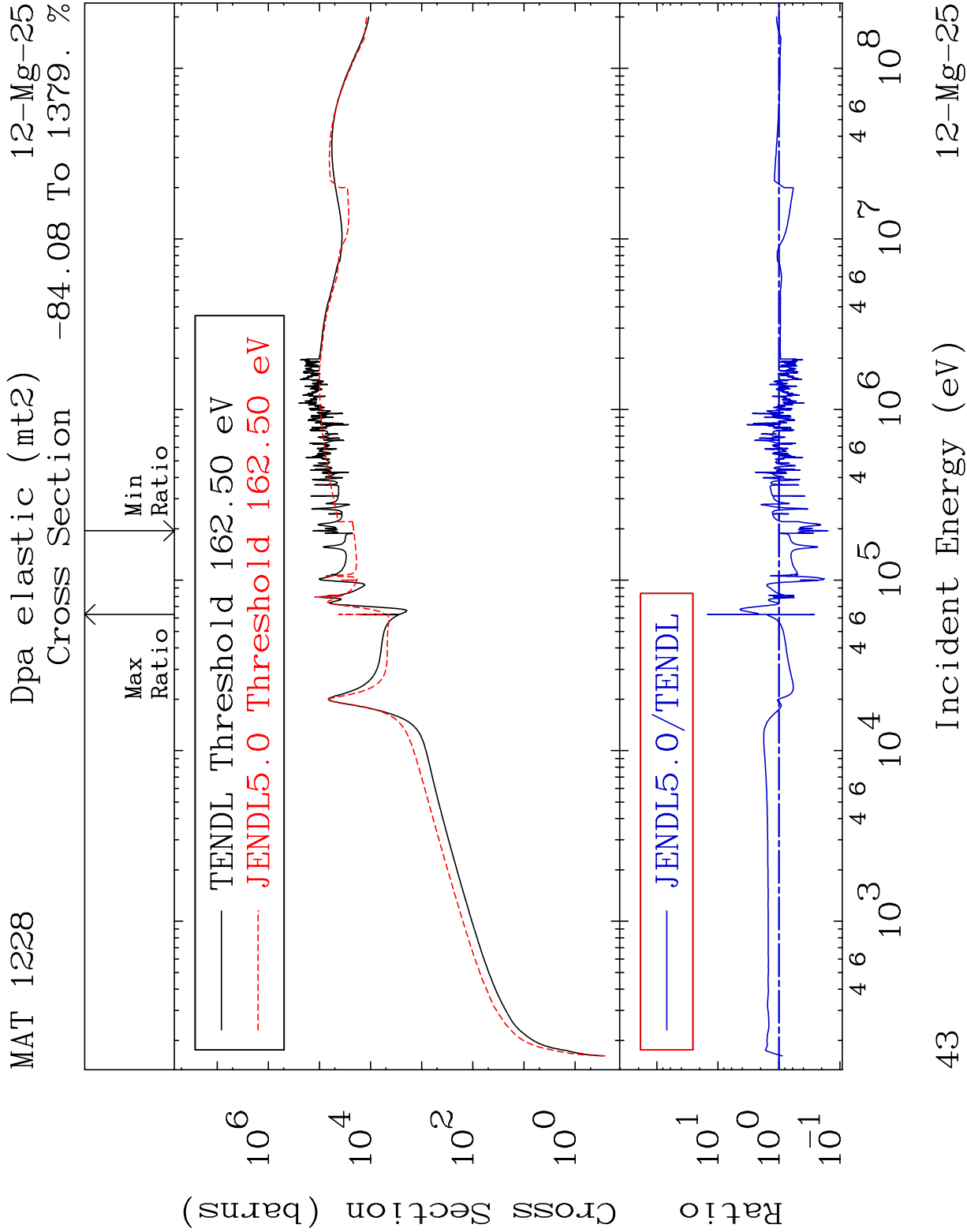


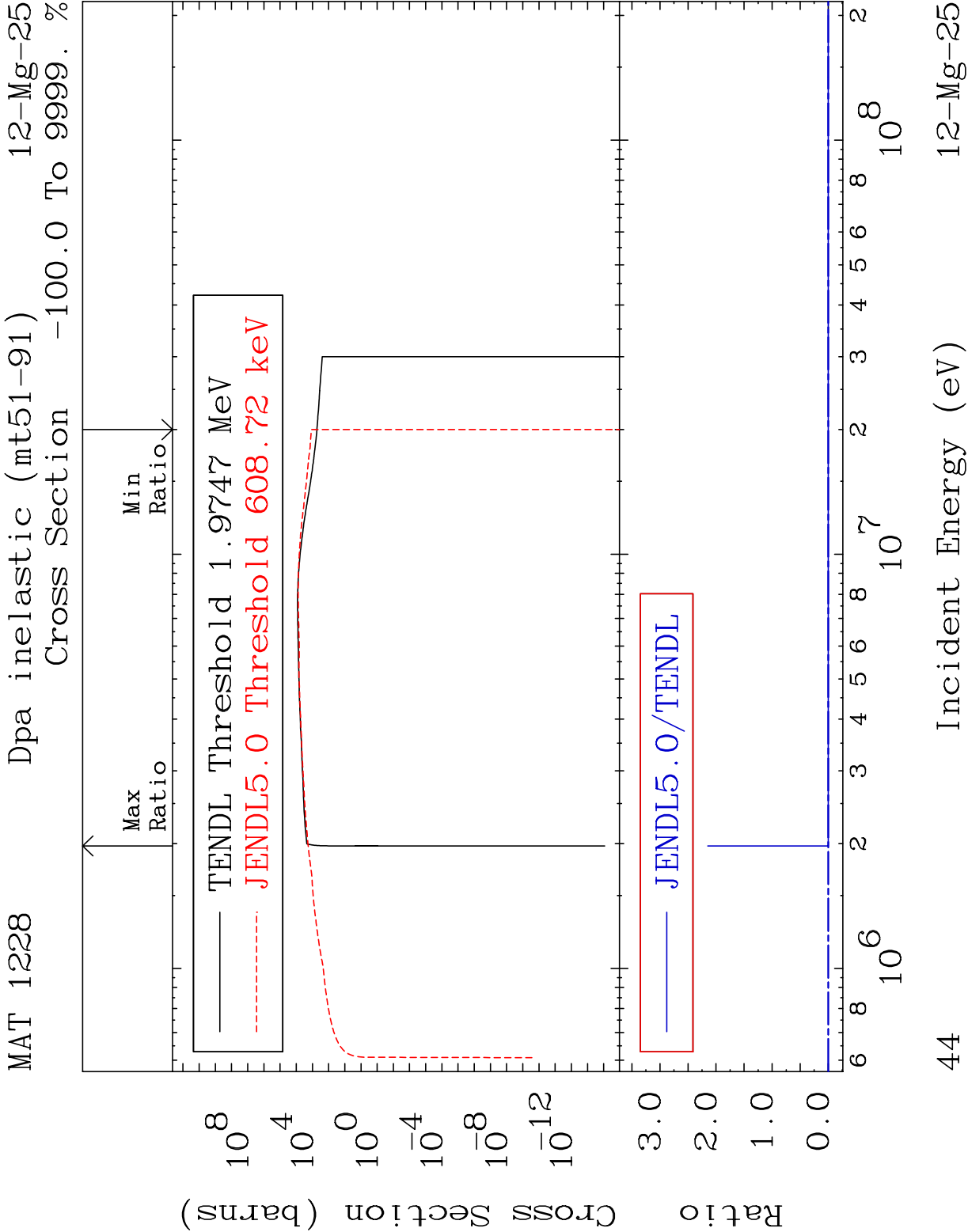
MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
Cross Section -84.09 To 1492. %



41 Incident Energy (eV) 12-Mg-25

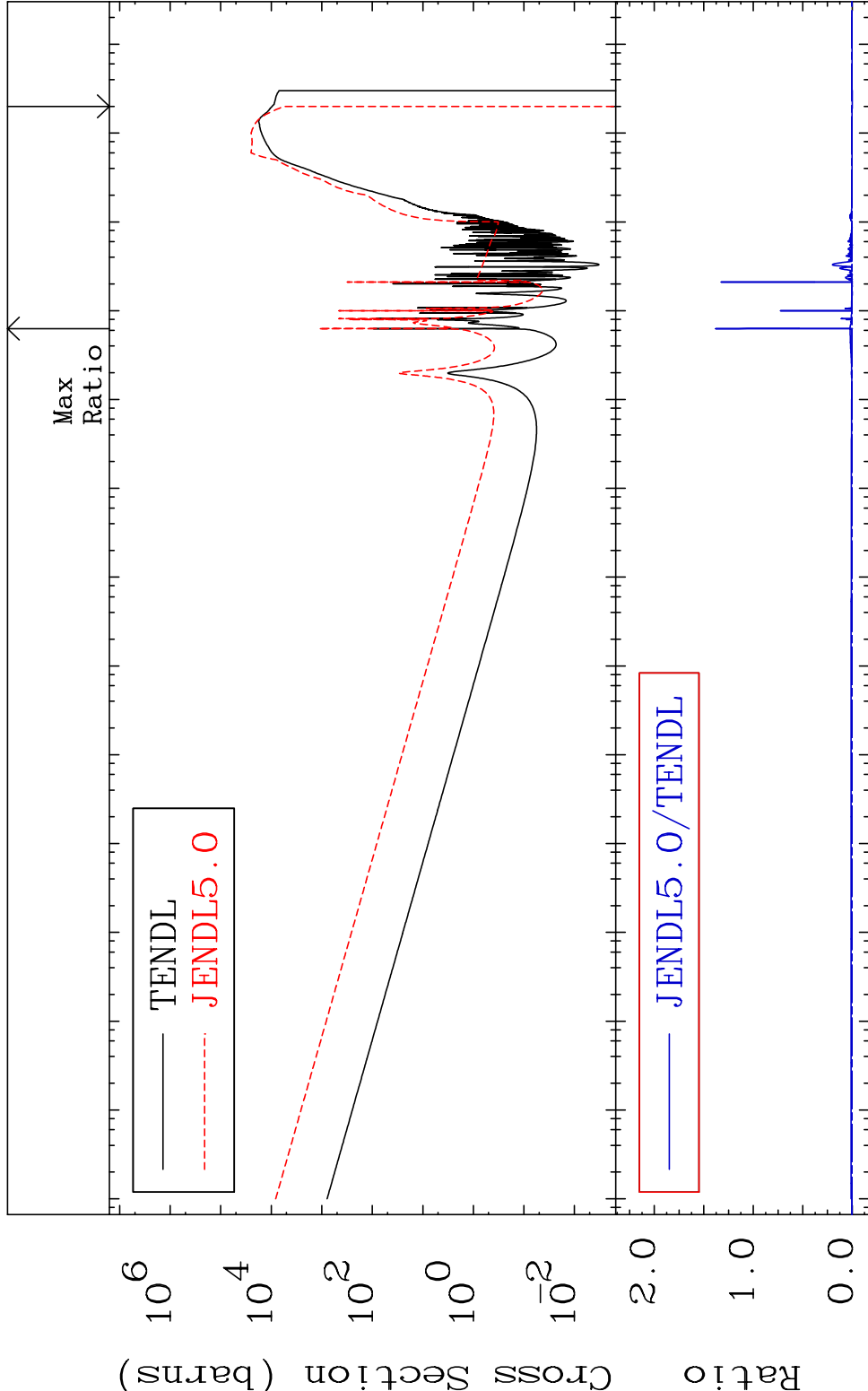






MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25

Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 12-Mg-25