

Program Complot
(Version 2021-1)

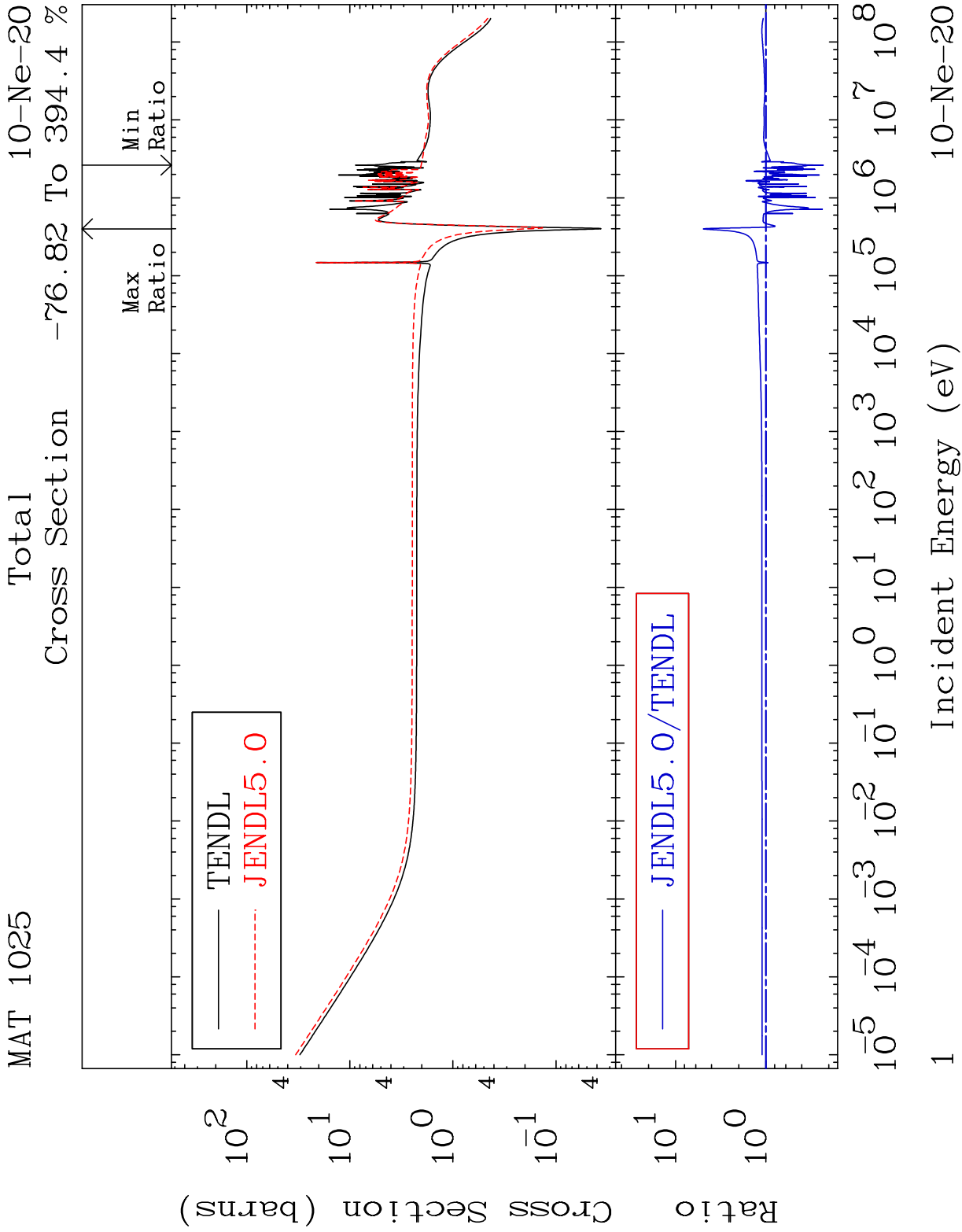
by

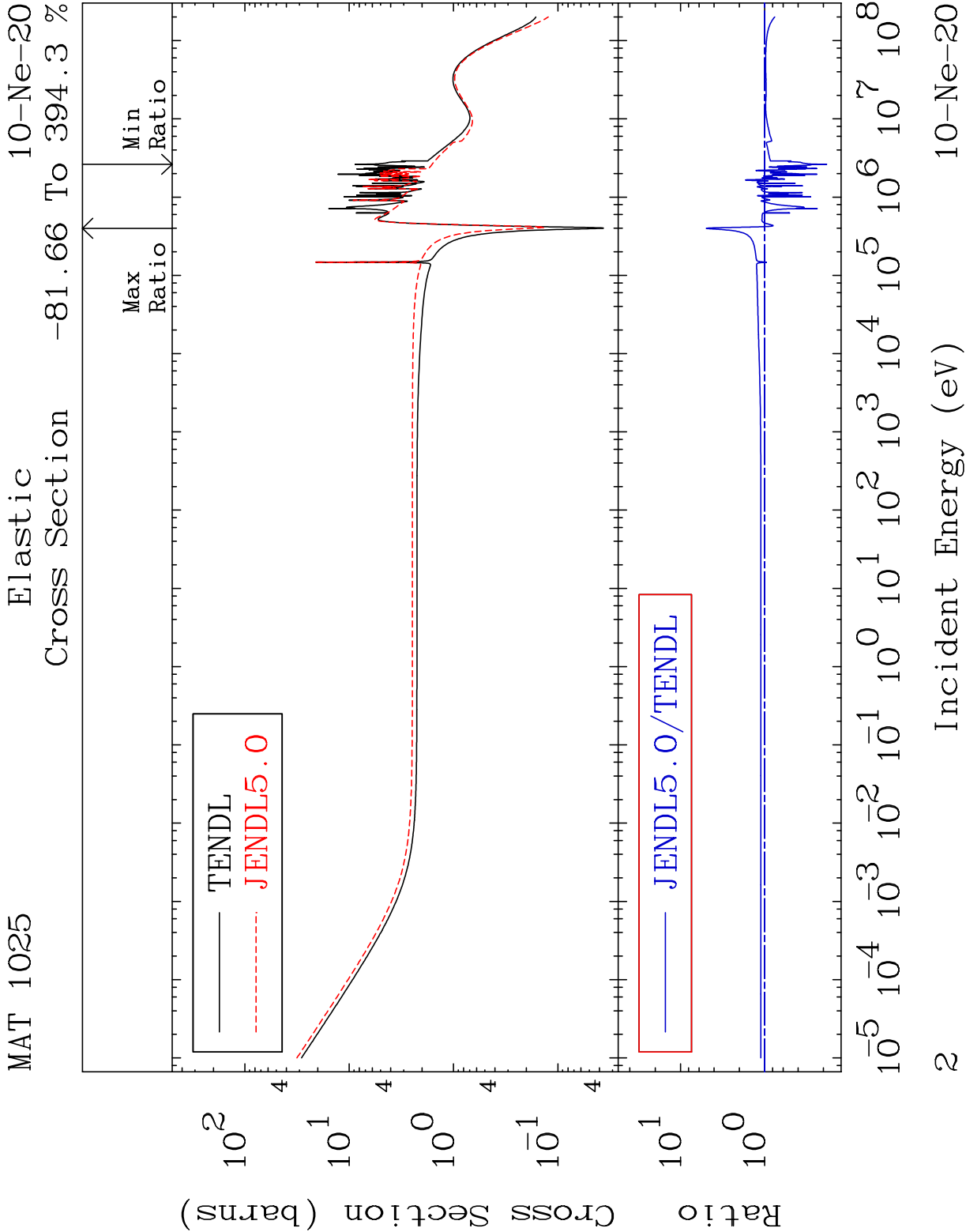
Dermott E. Cullen
(Present Contact Information)

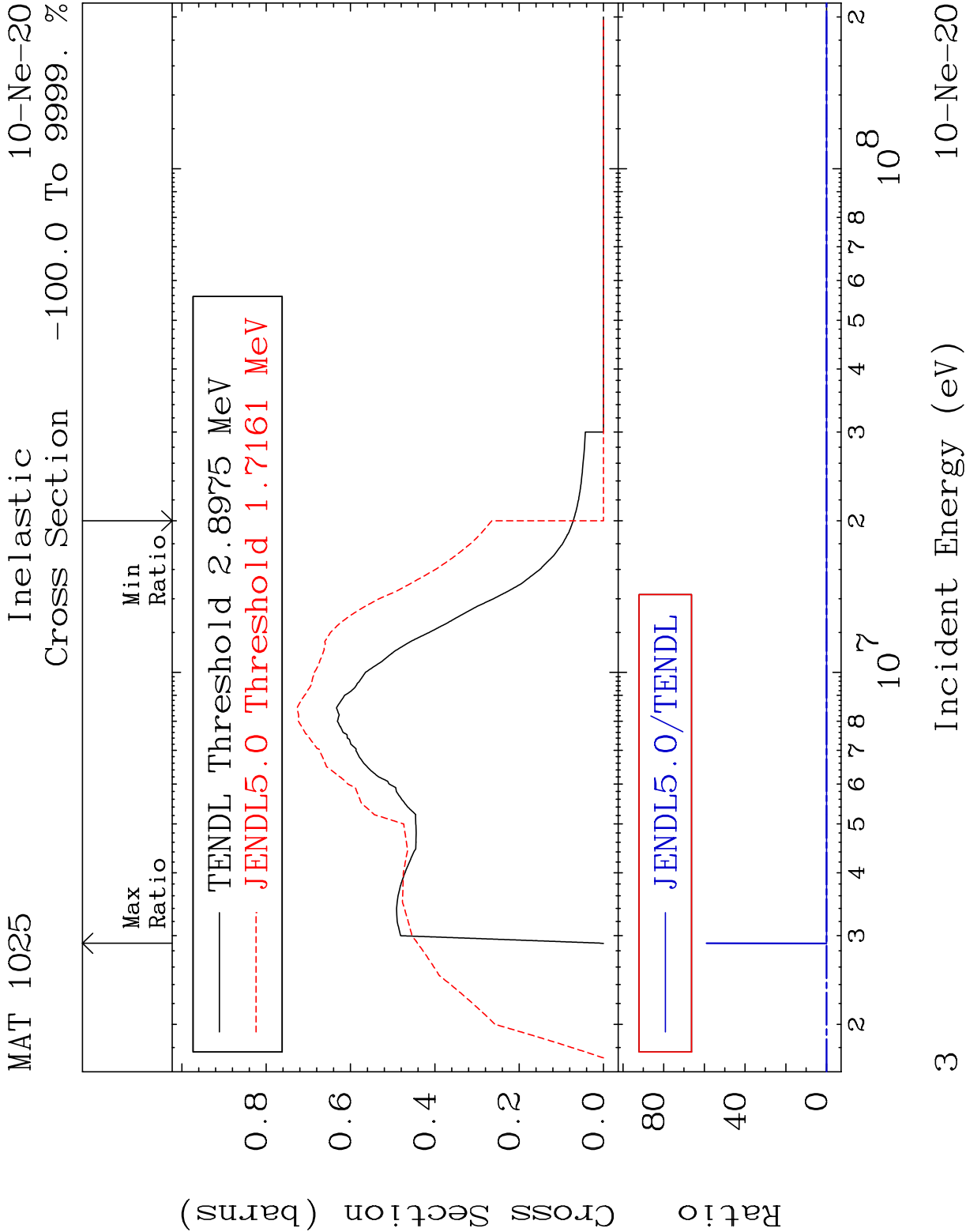
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

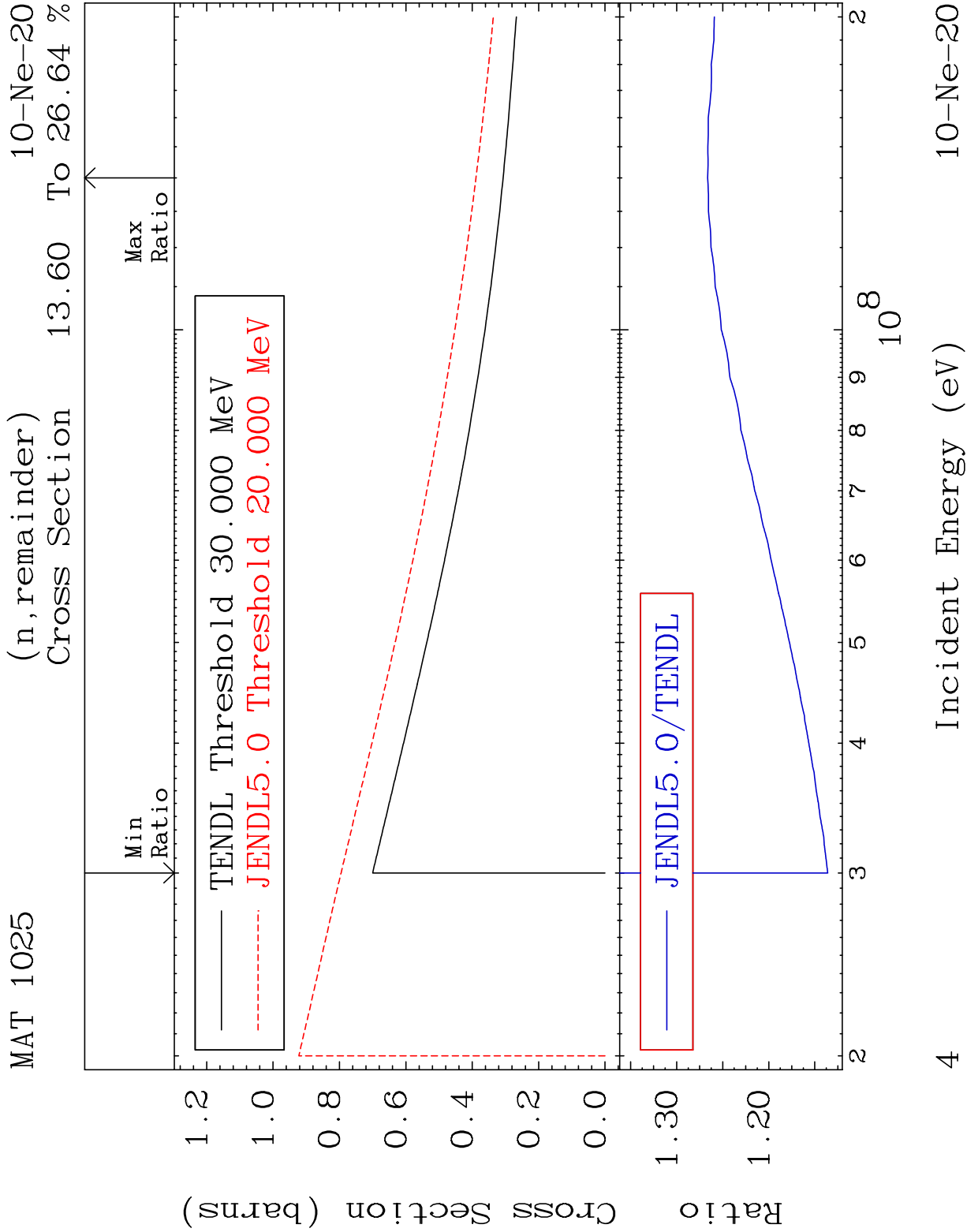
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

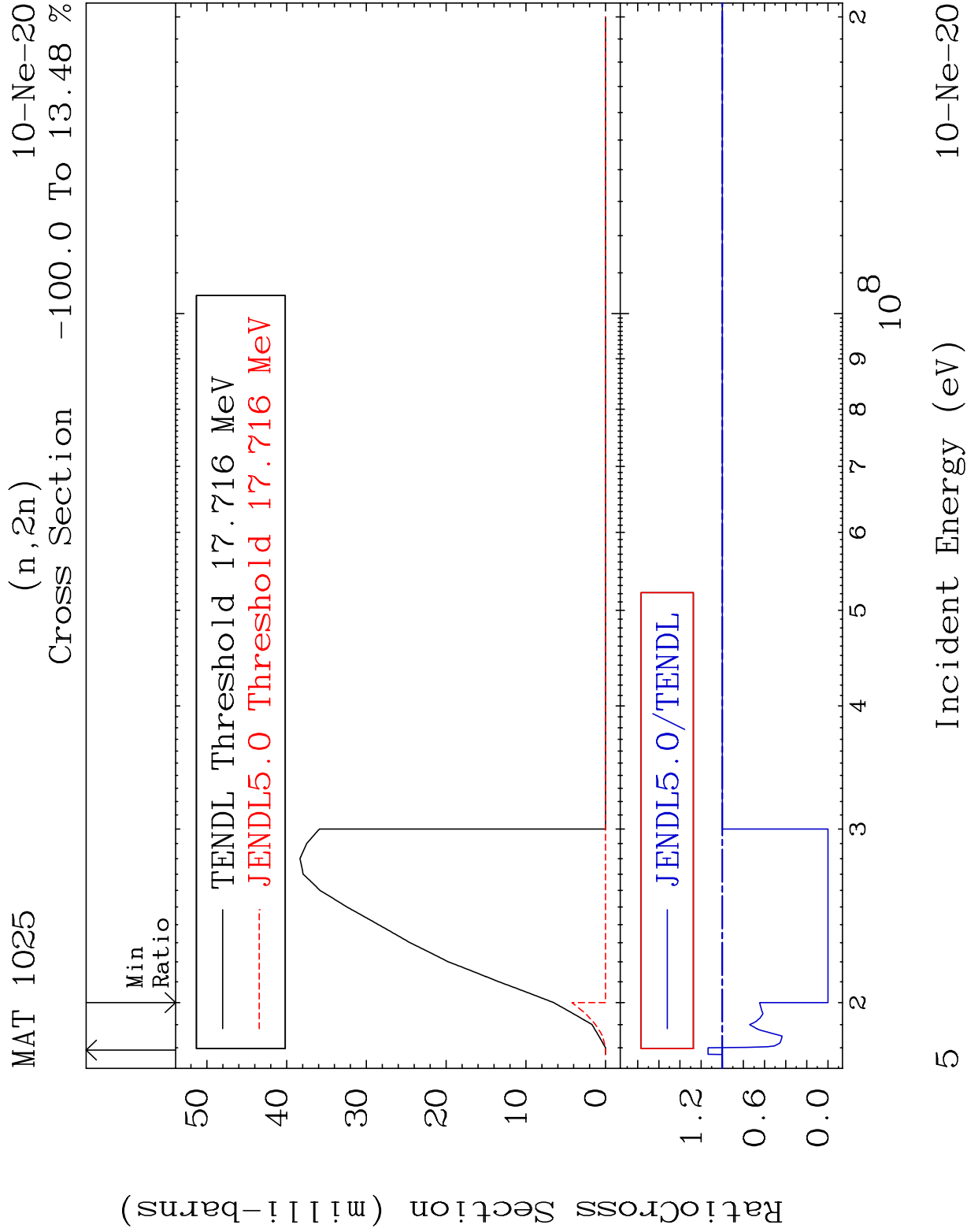
Press Mouse Button to Start

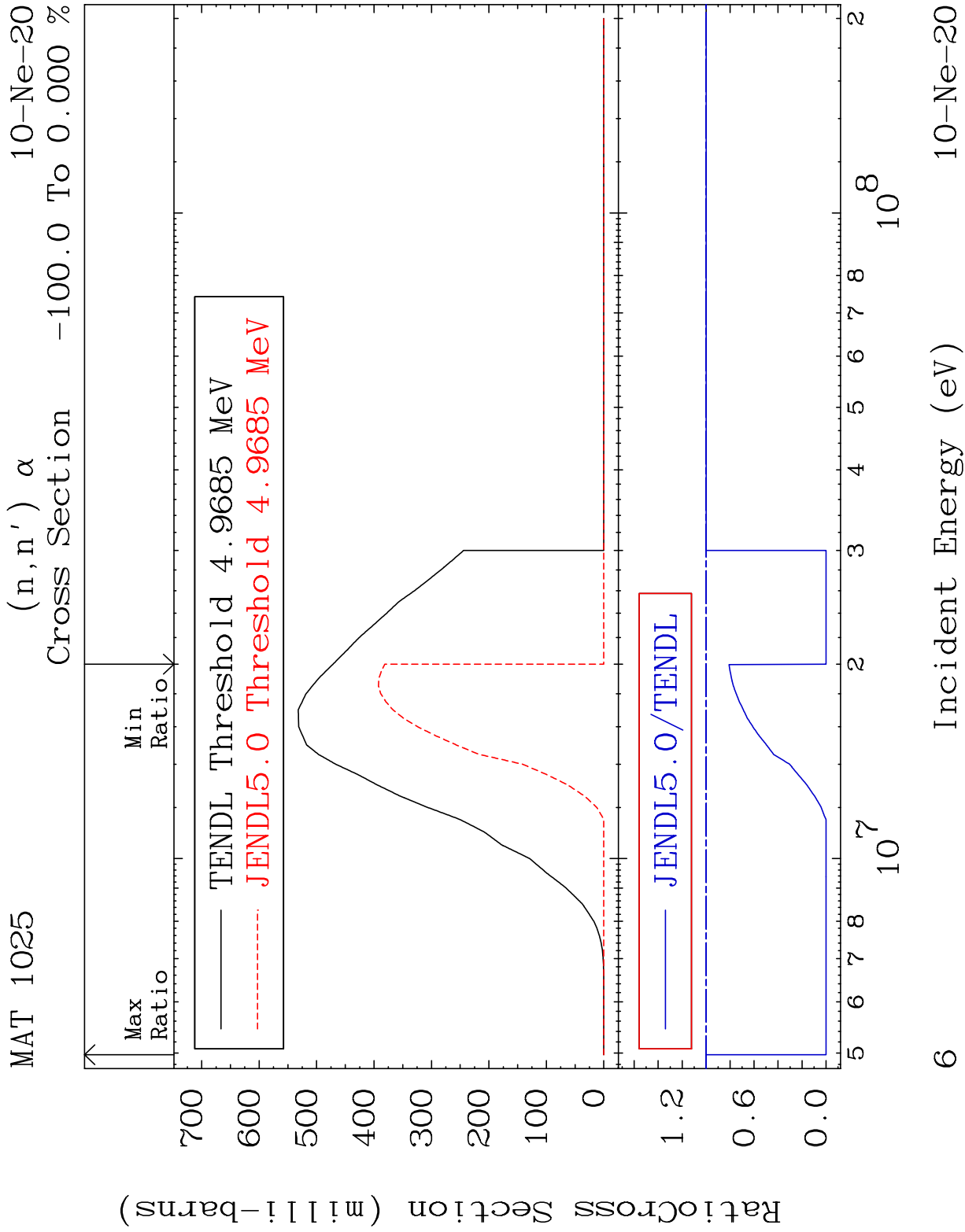


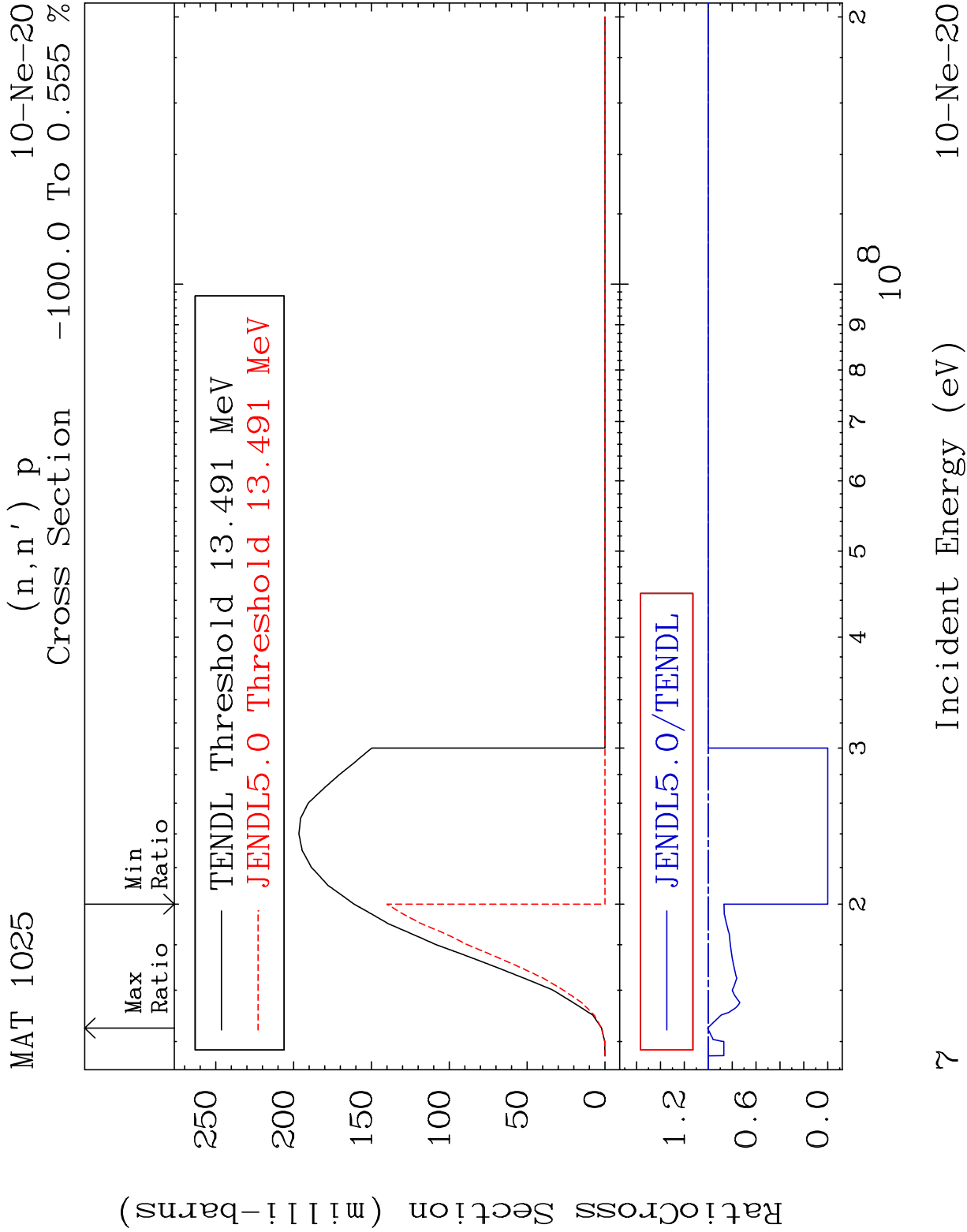


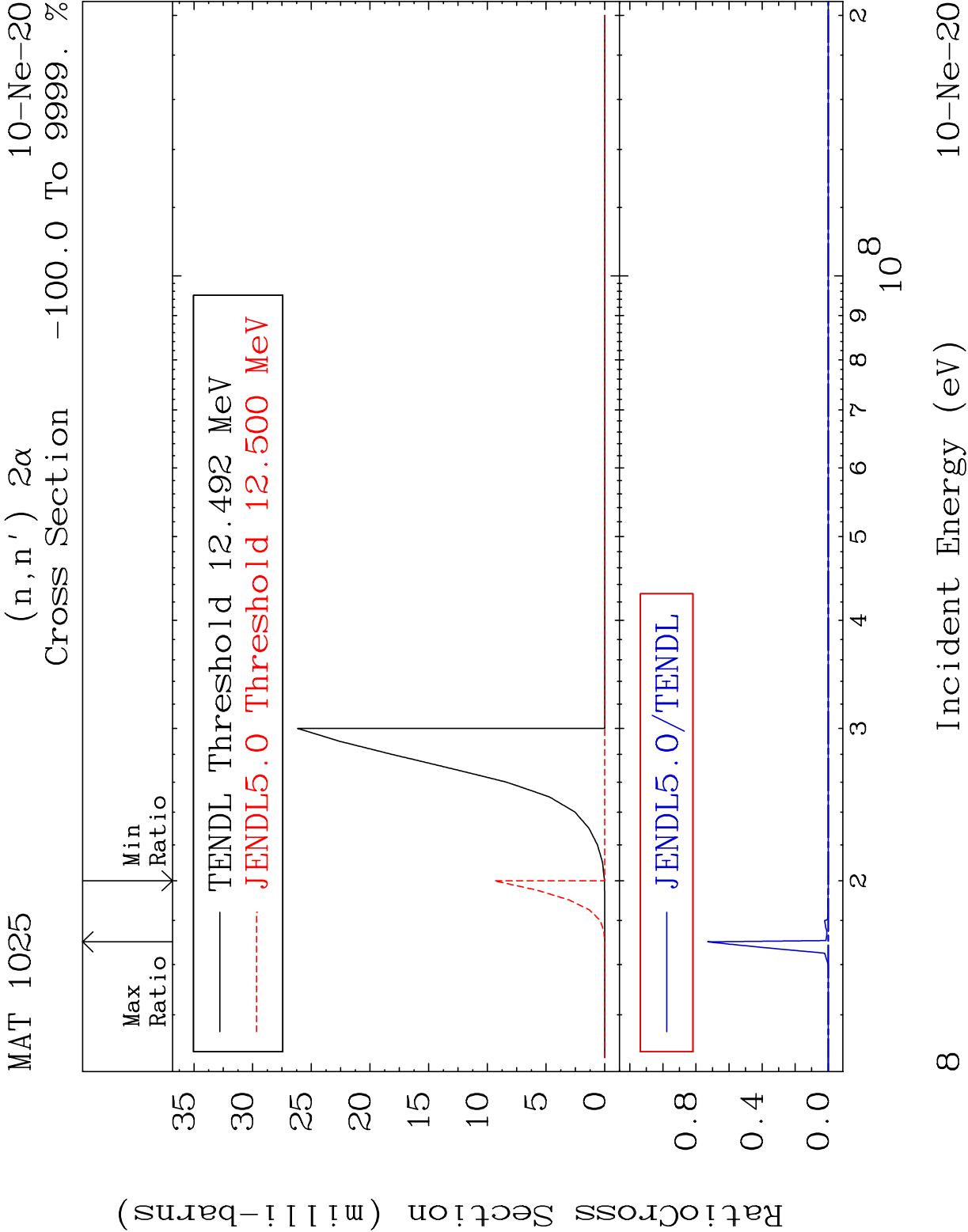


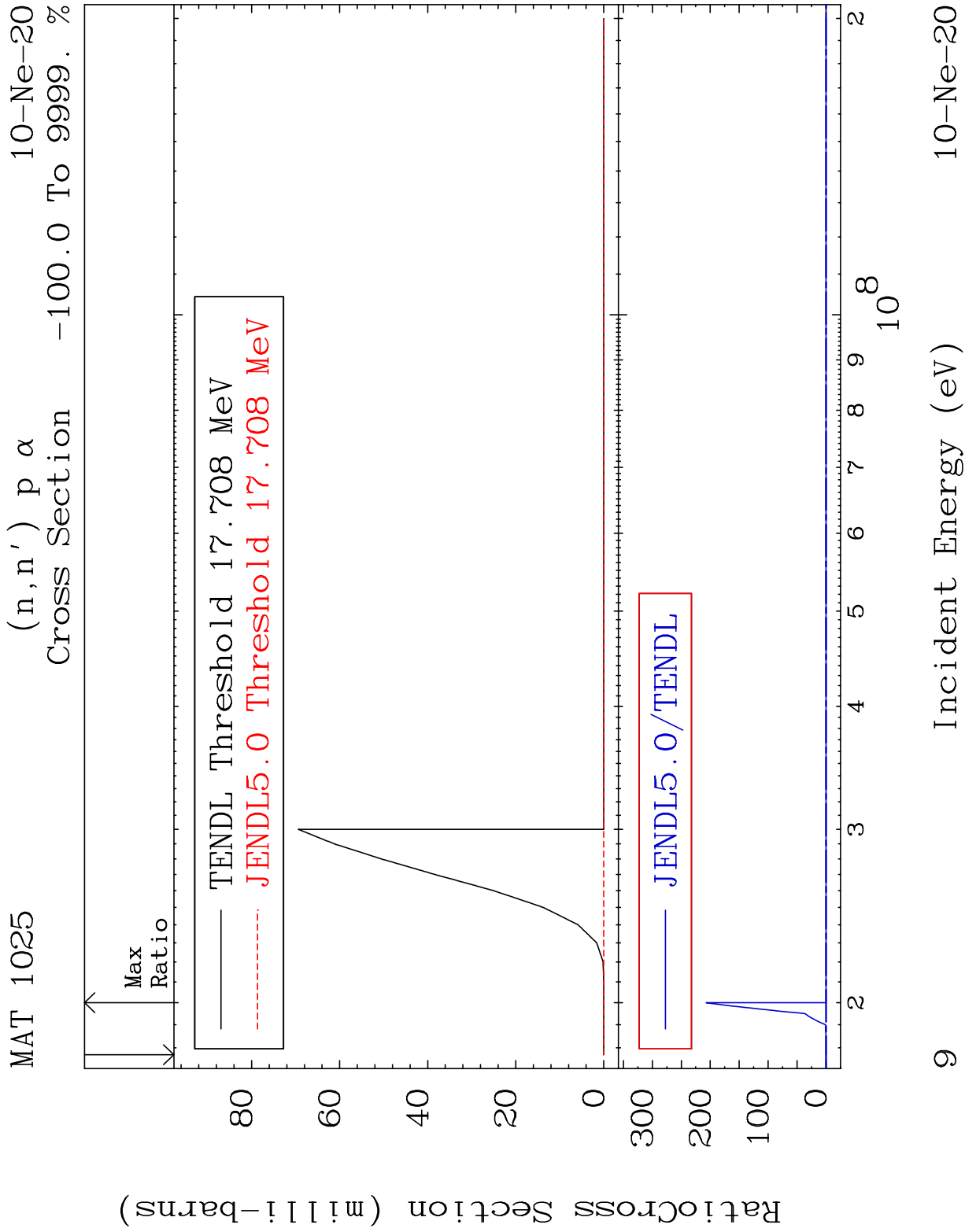


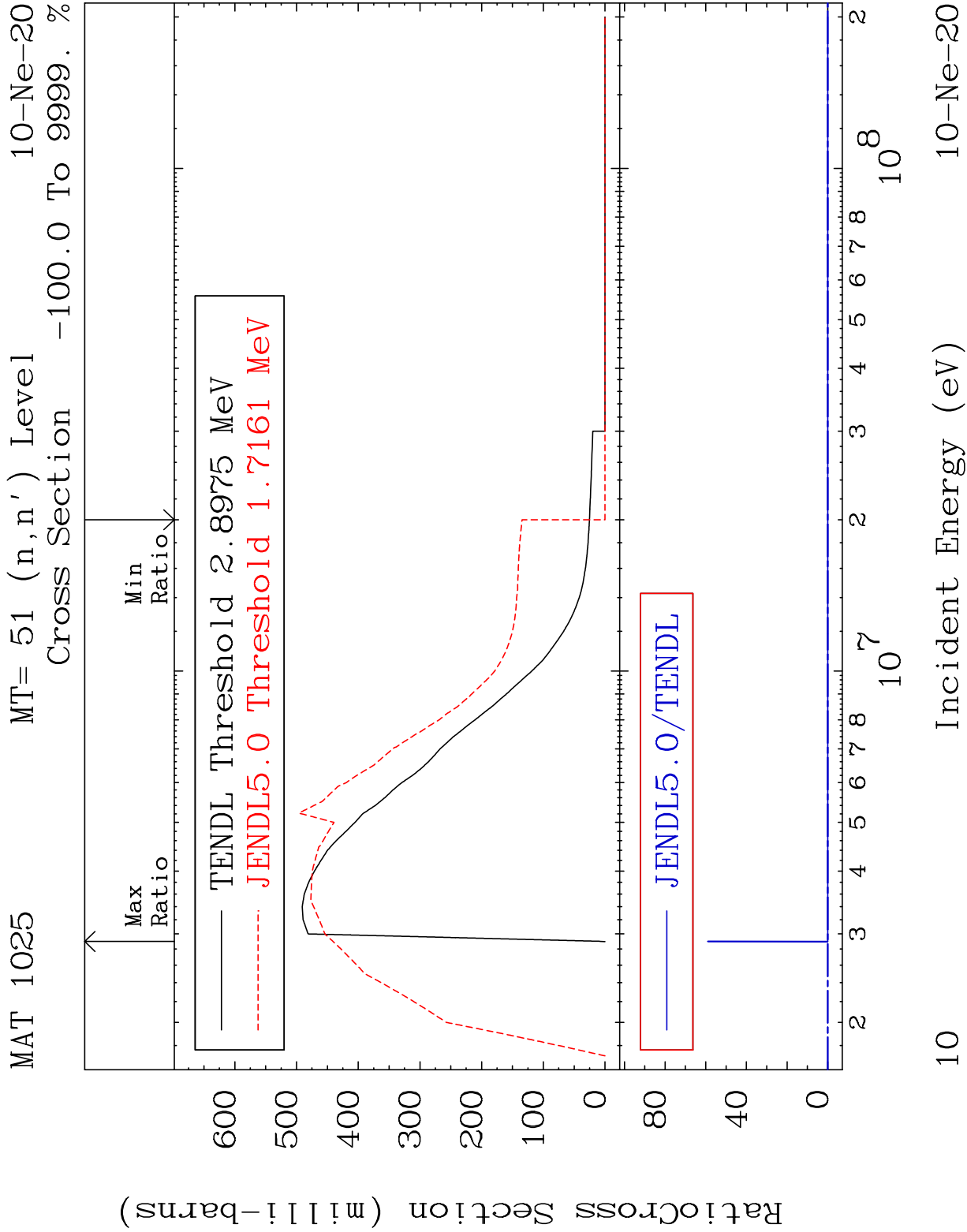


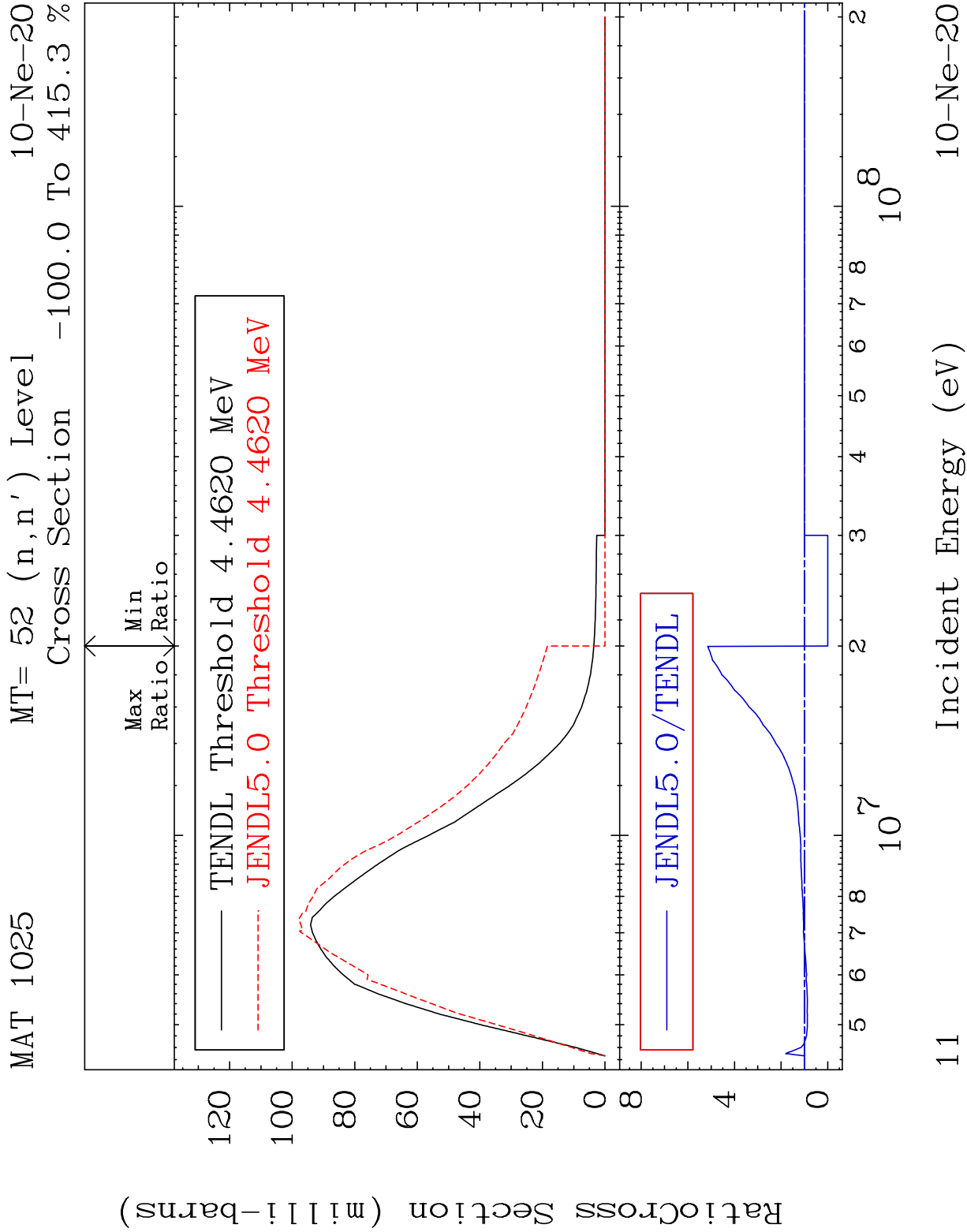


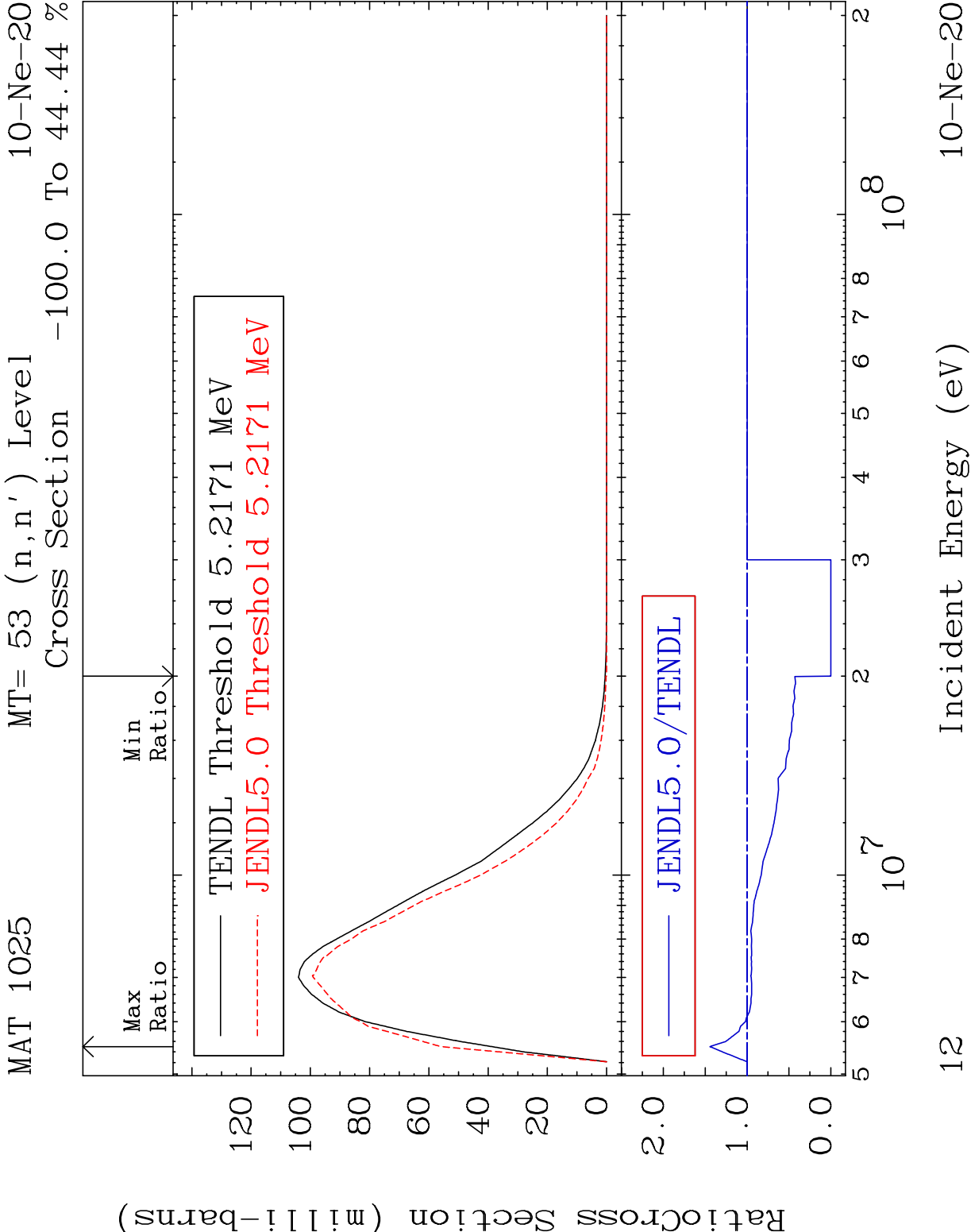




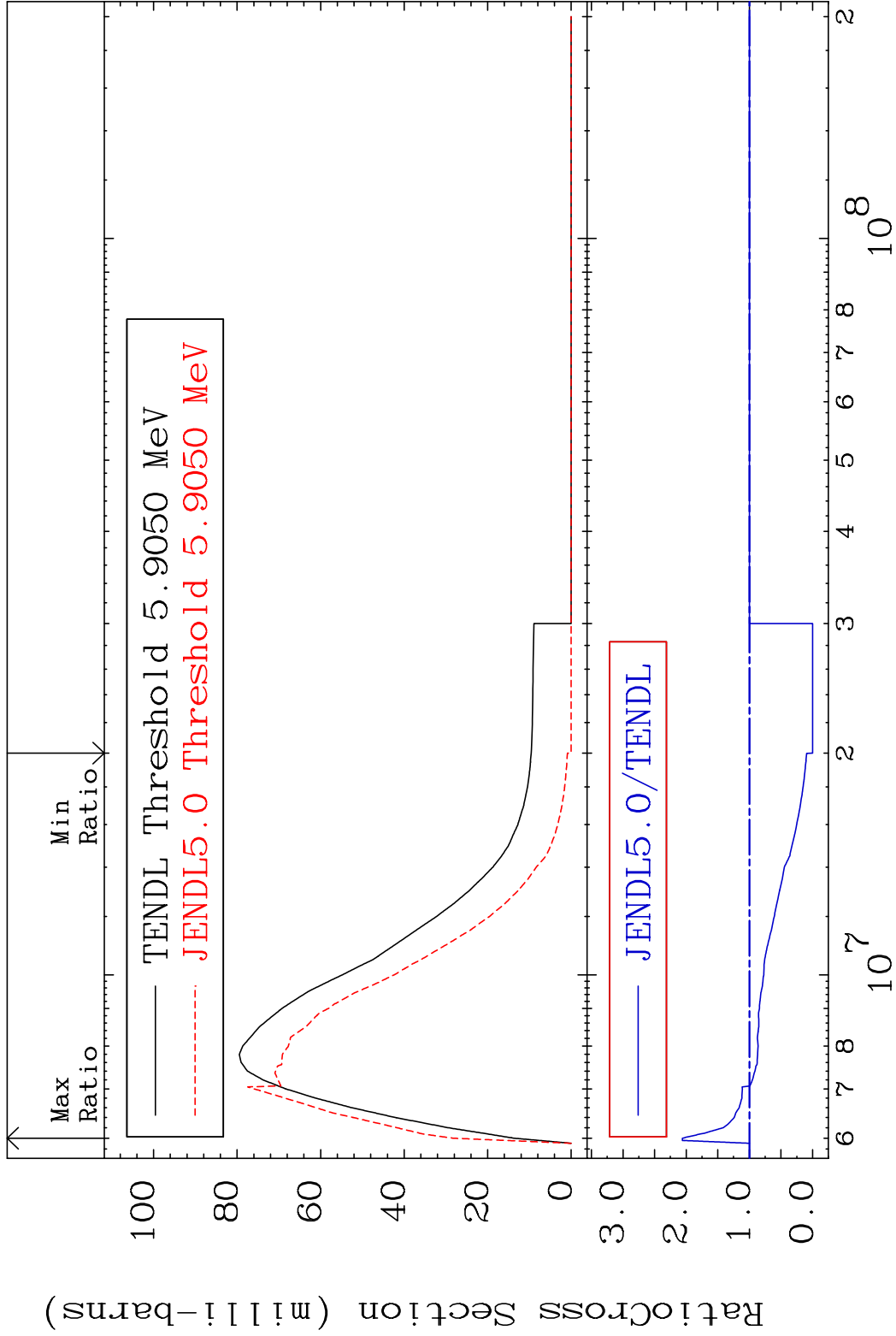




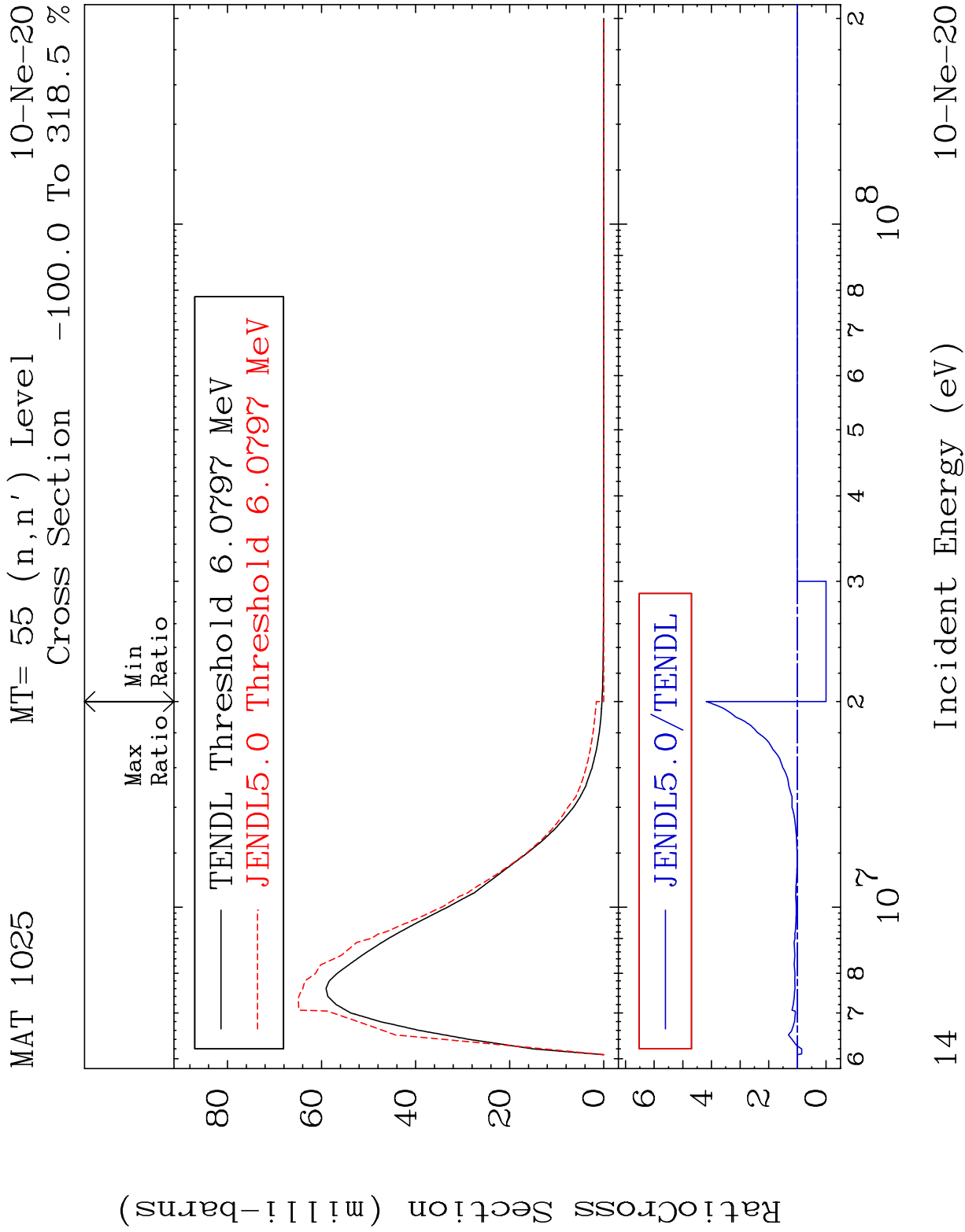


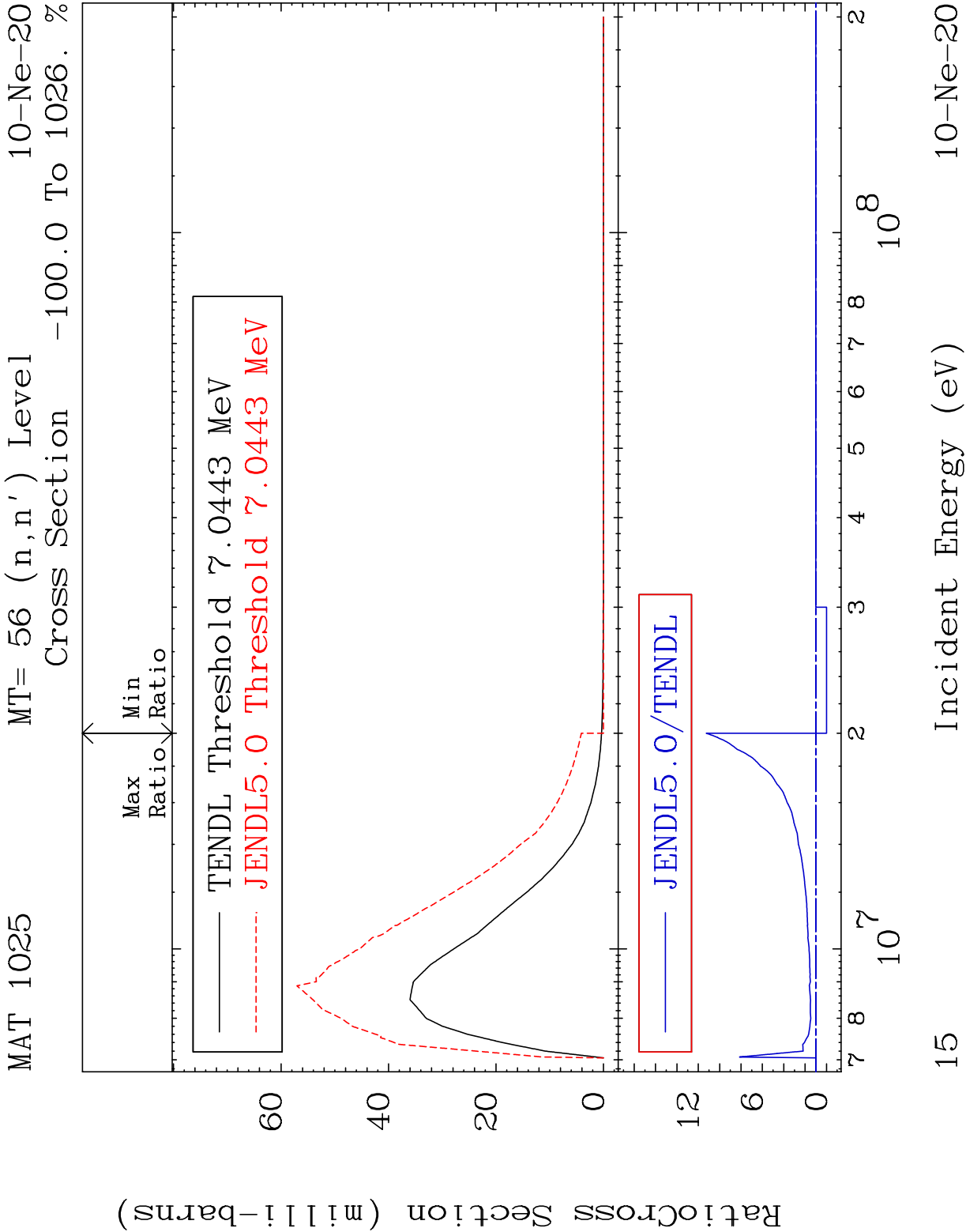


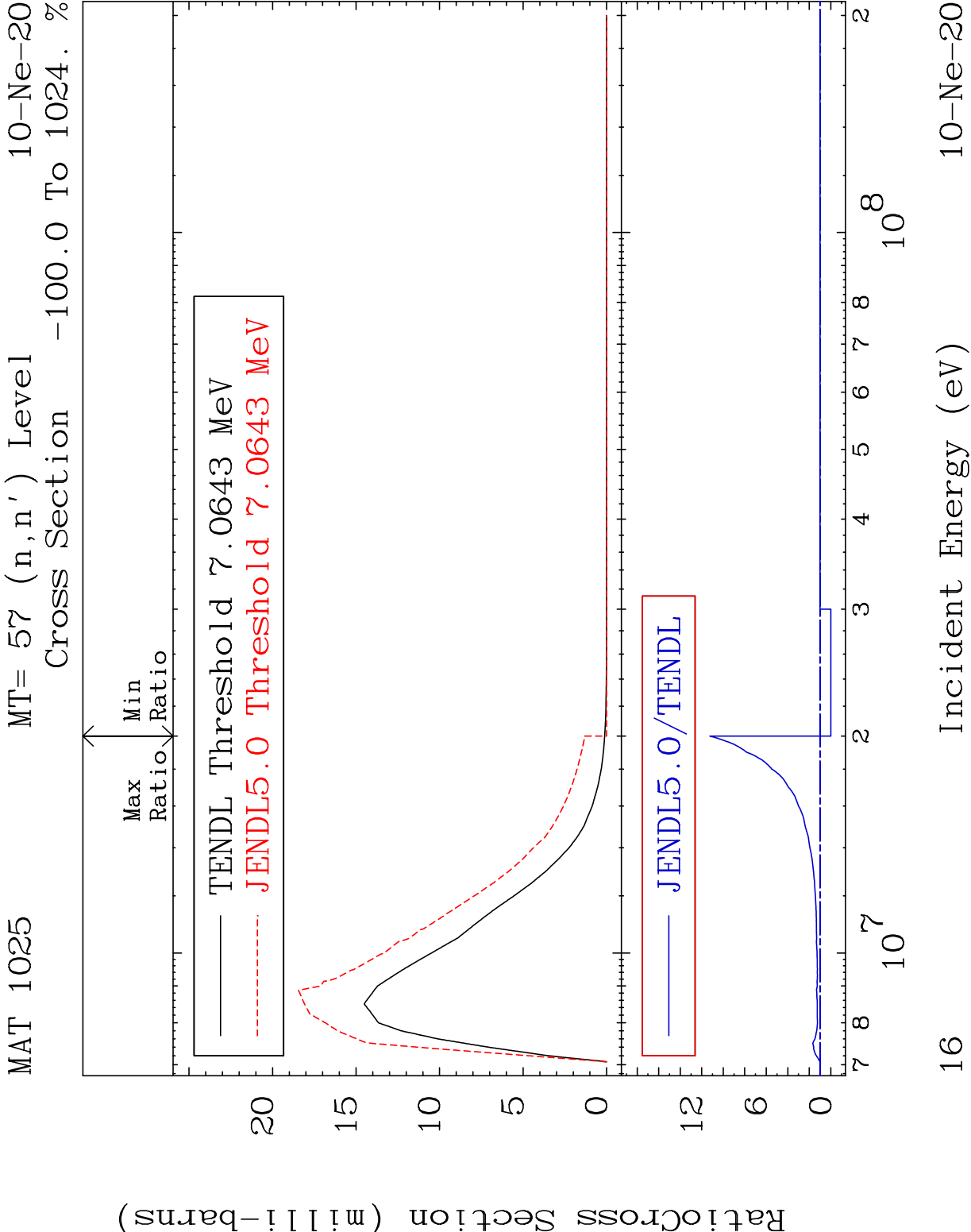
MAT 1025 MT= 54 (n,n') Level 10-Ne-20
Cross Section -100.0 To 106.1 %

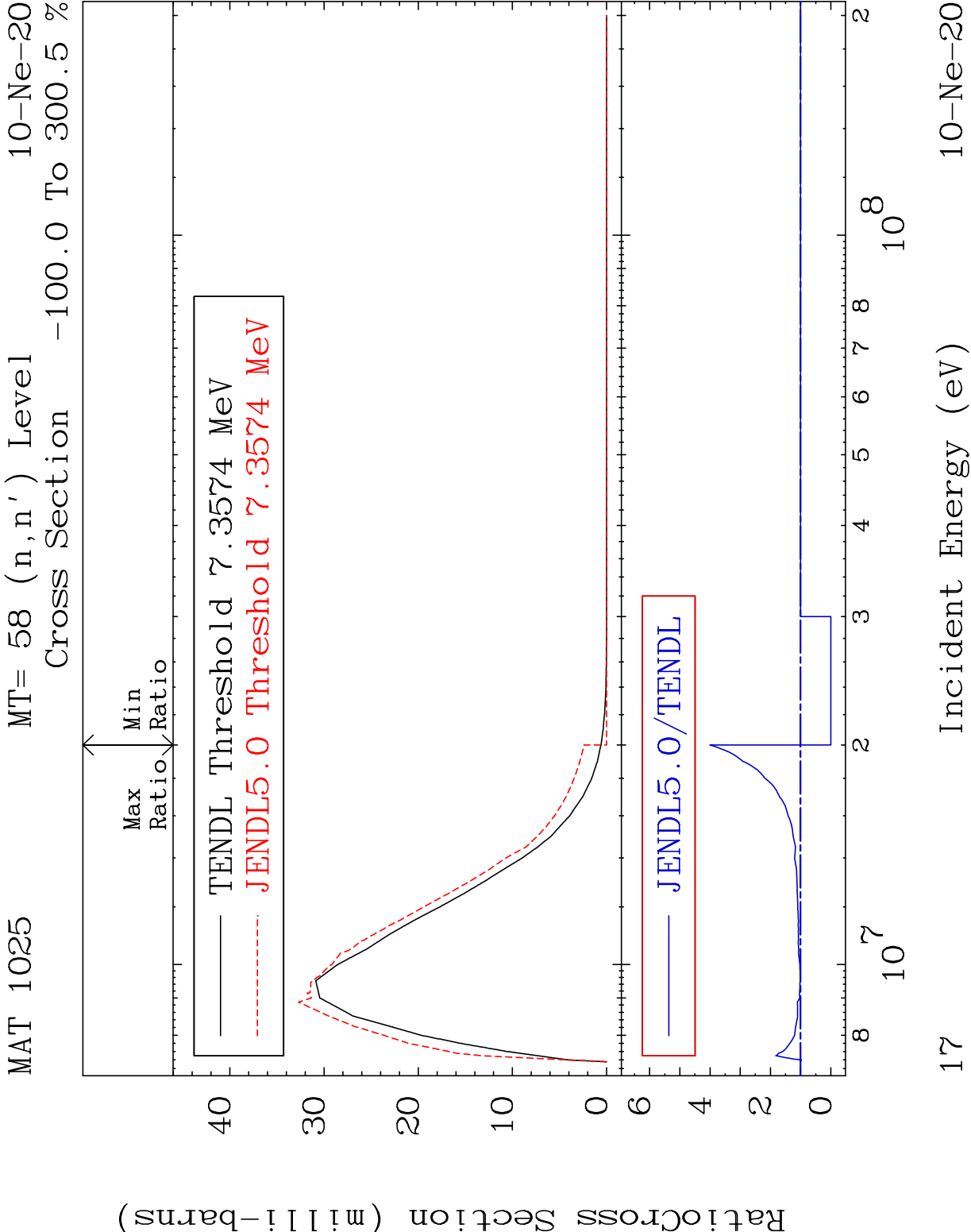


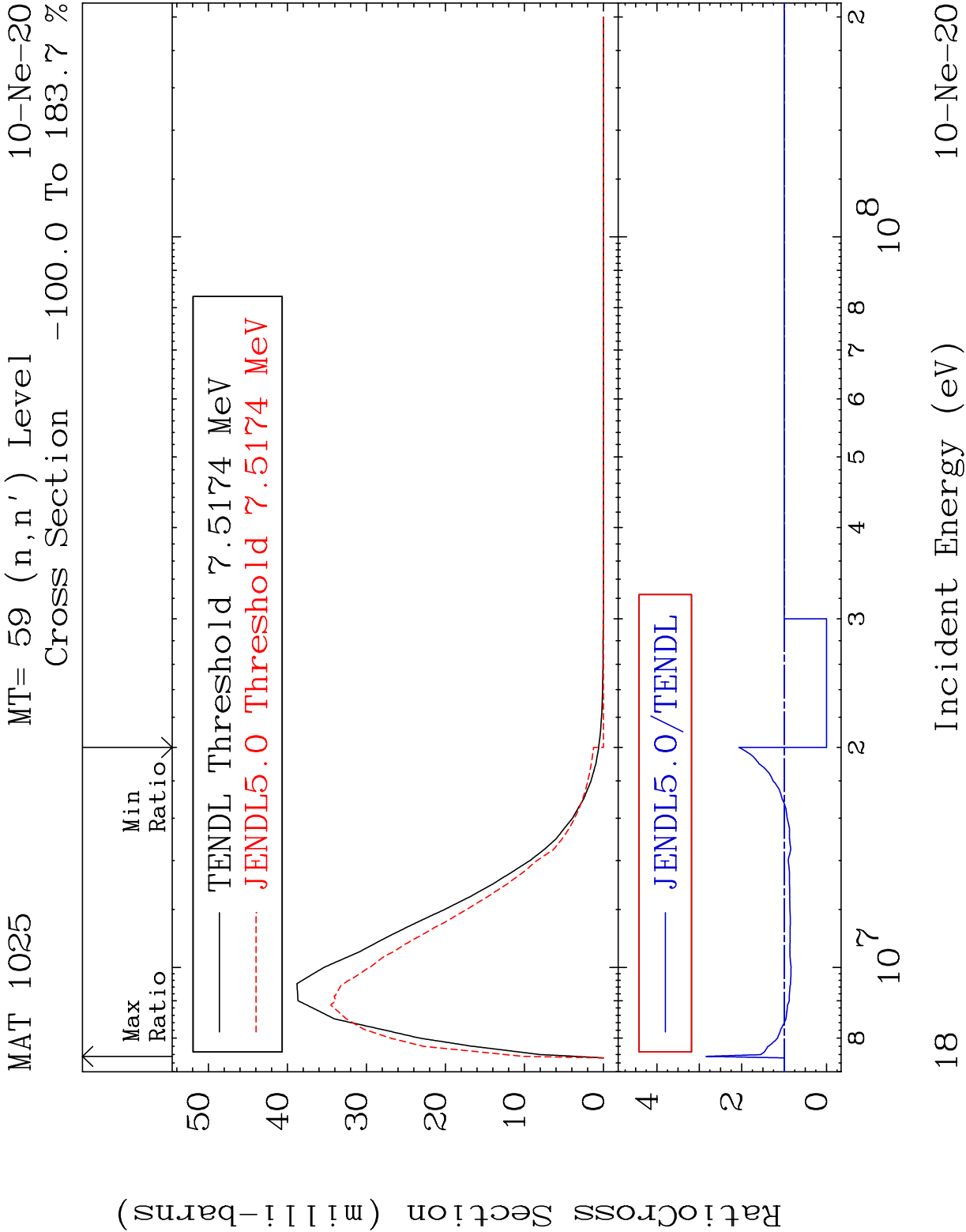
13 Incident Energy (eV) 10-Ne-20

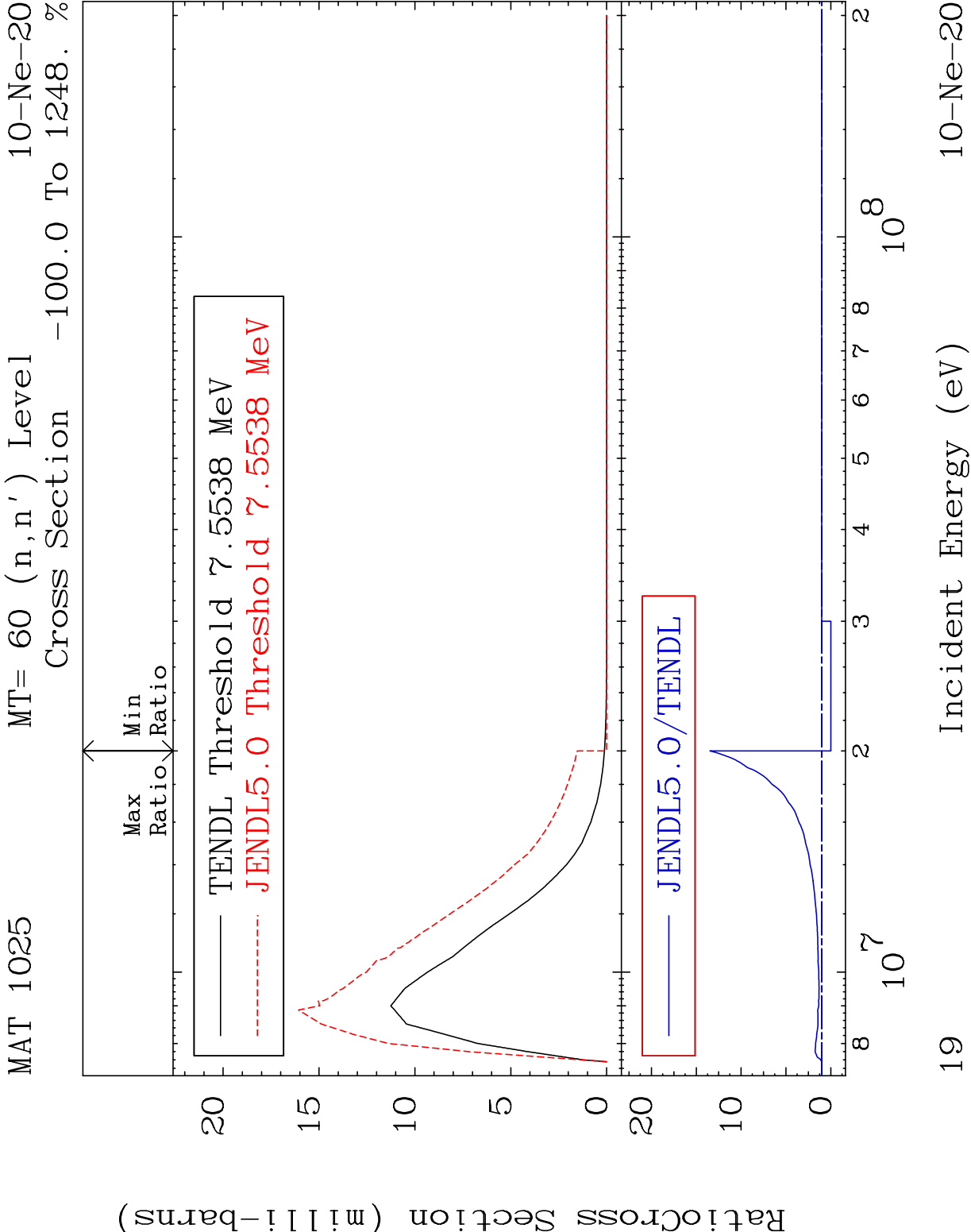


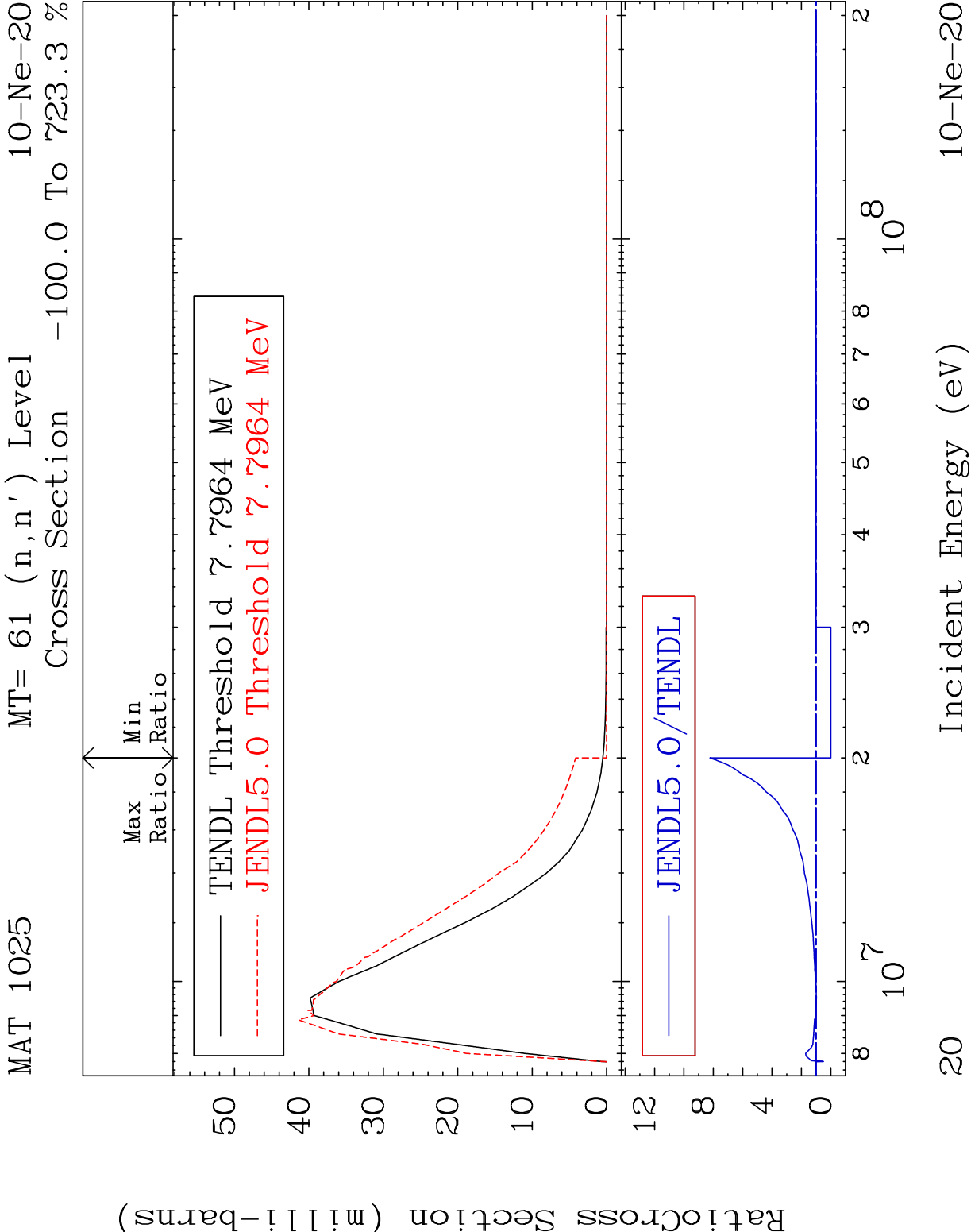




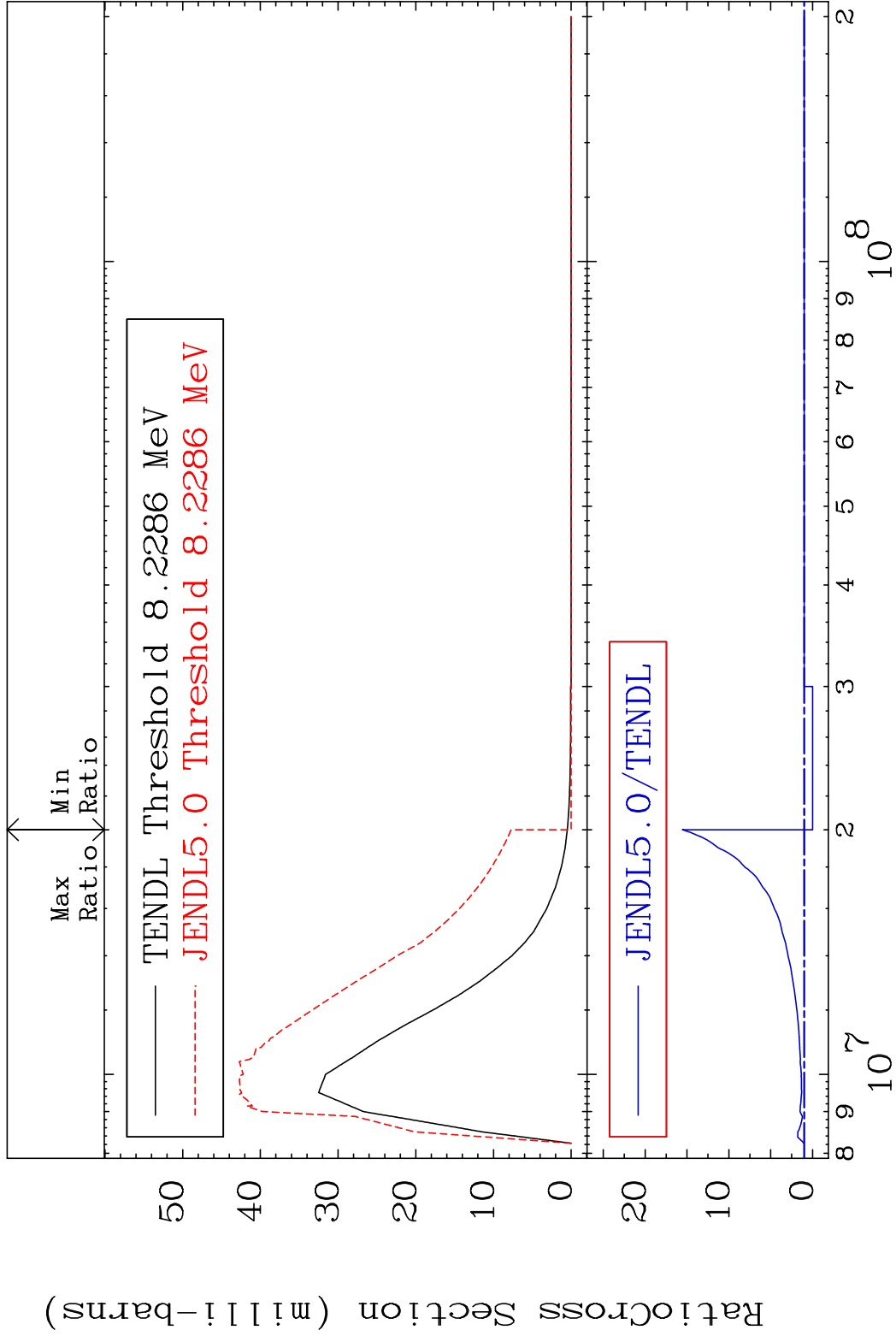




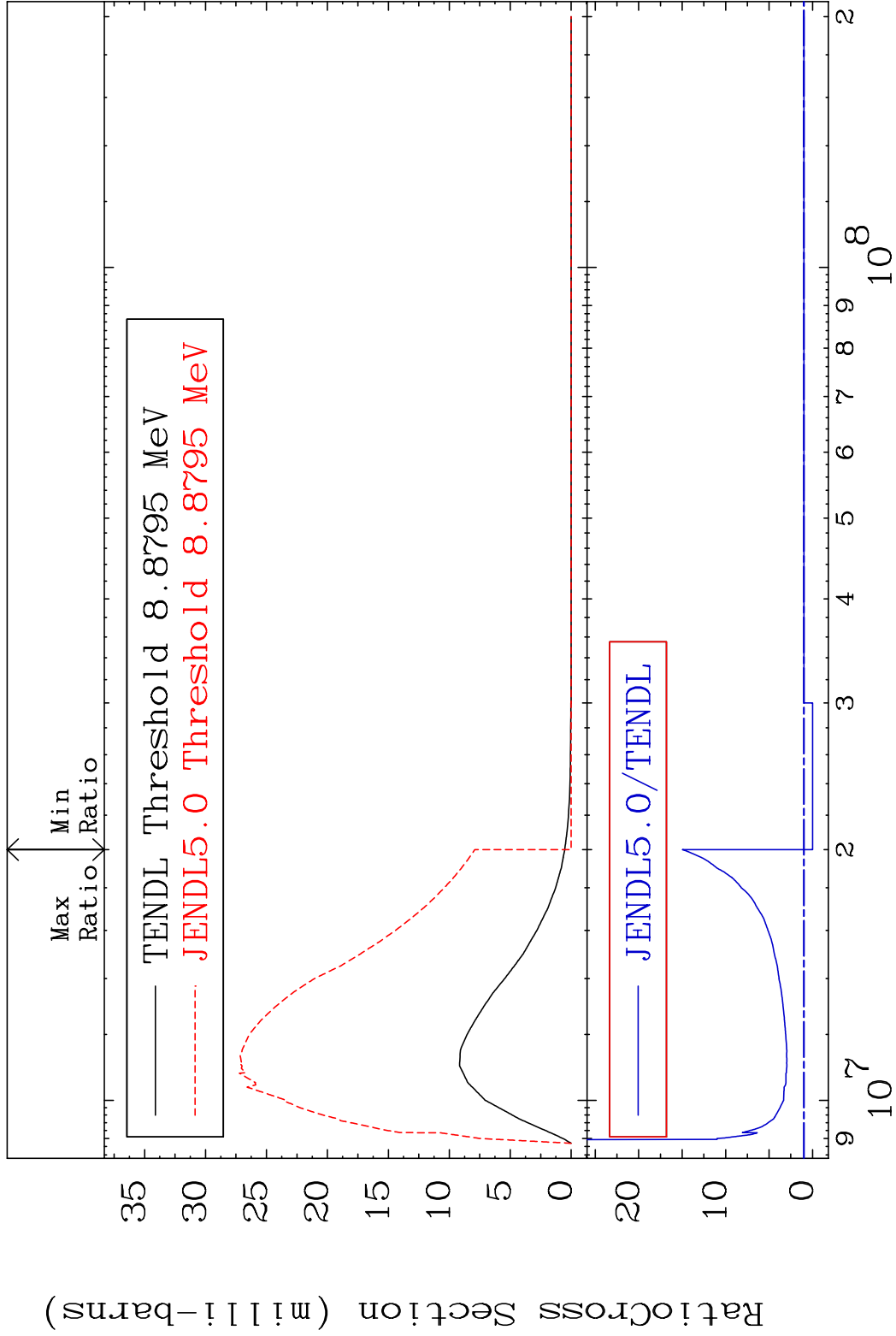


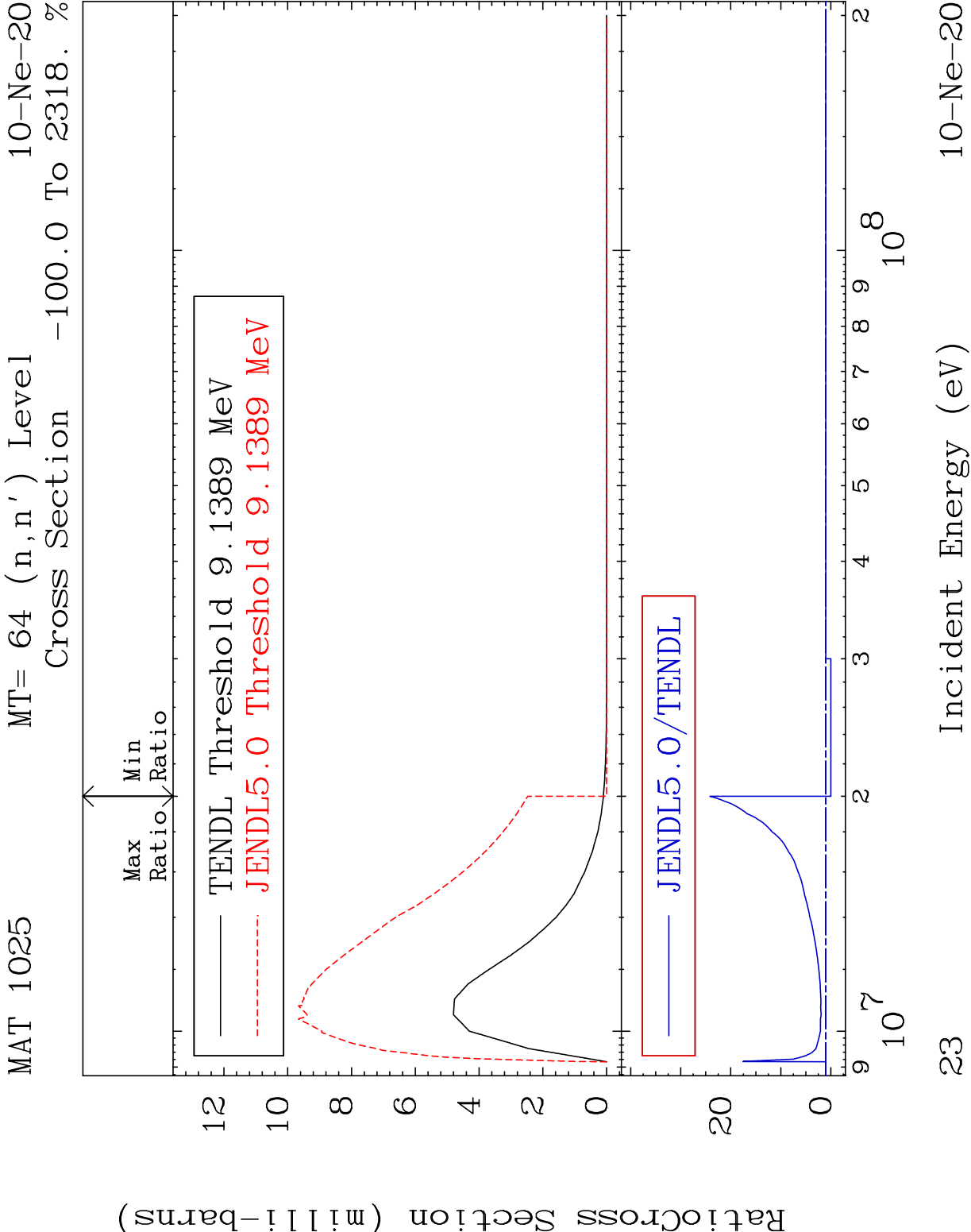


MAT 1025 MT= 62 (n,n') Level 10-Ne-20
Cross Section -100.0 To 1456. %

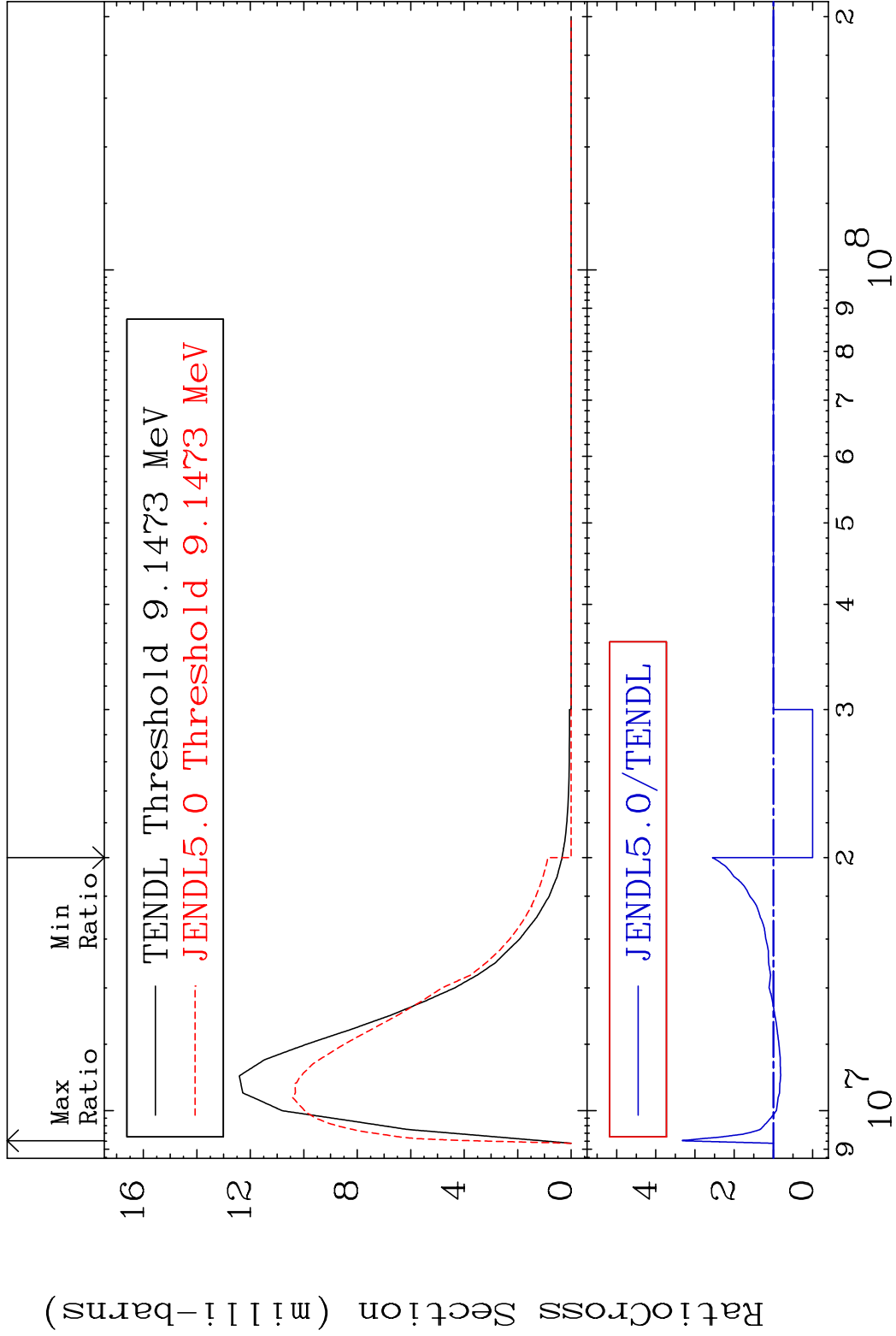


MAT 1025 MT= 63 (n,n') Level 10-Ne-20
Cross Section -100.0 To 1397. %

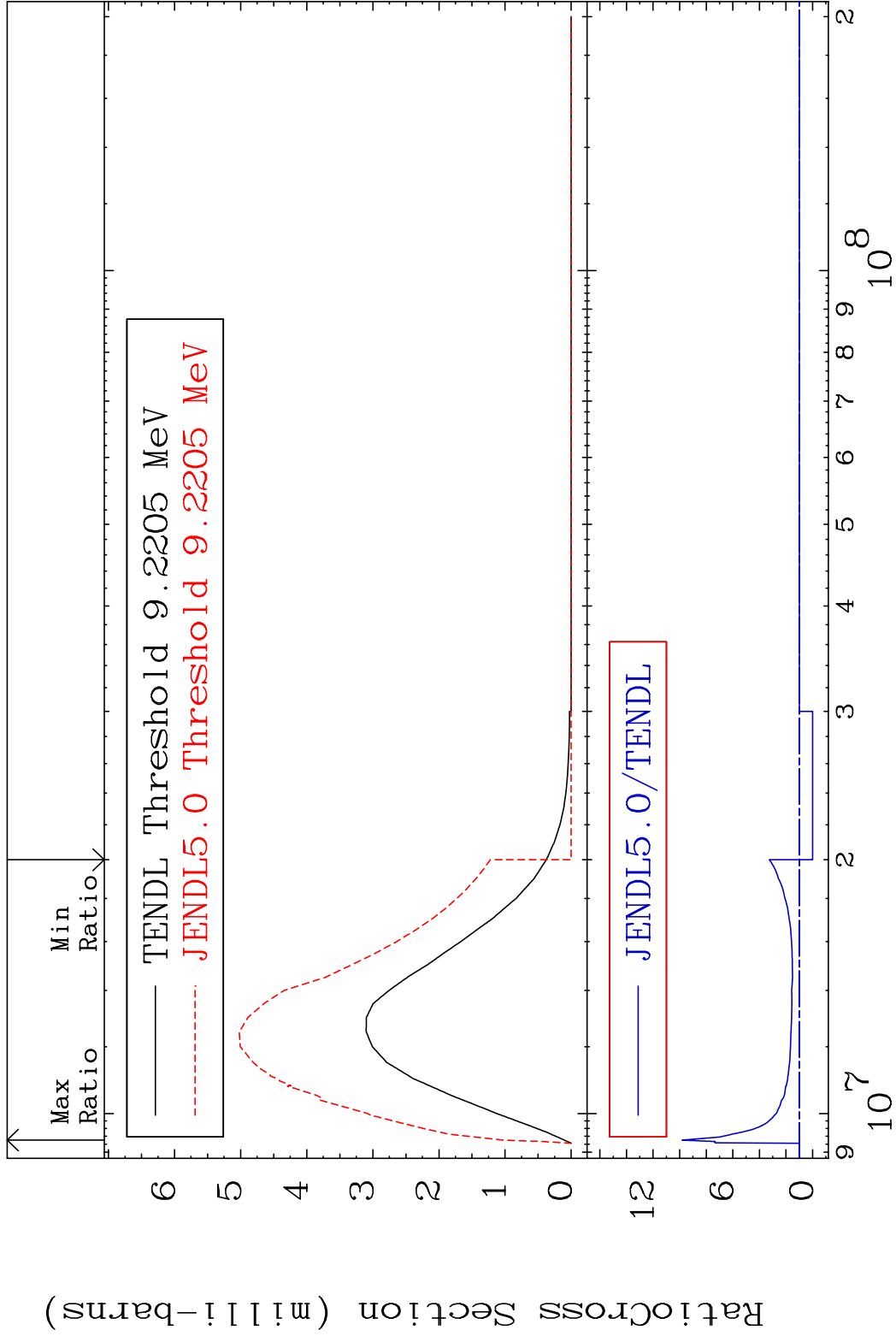


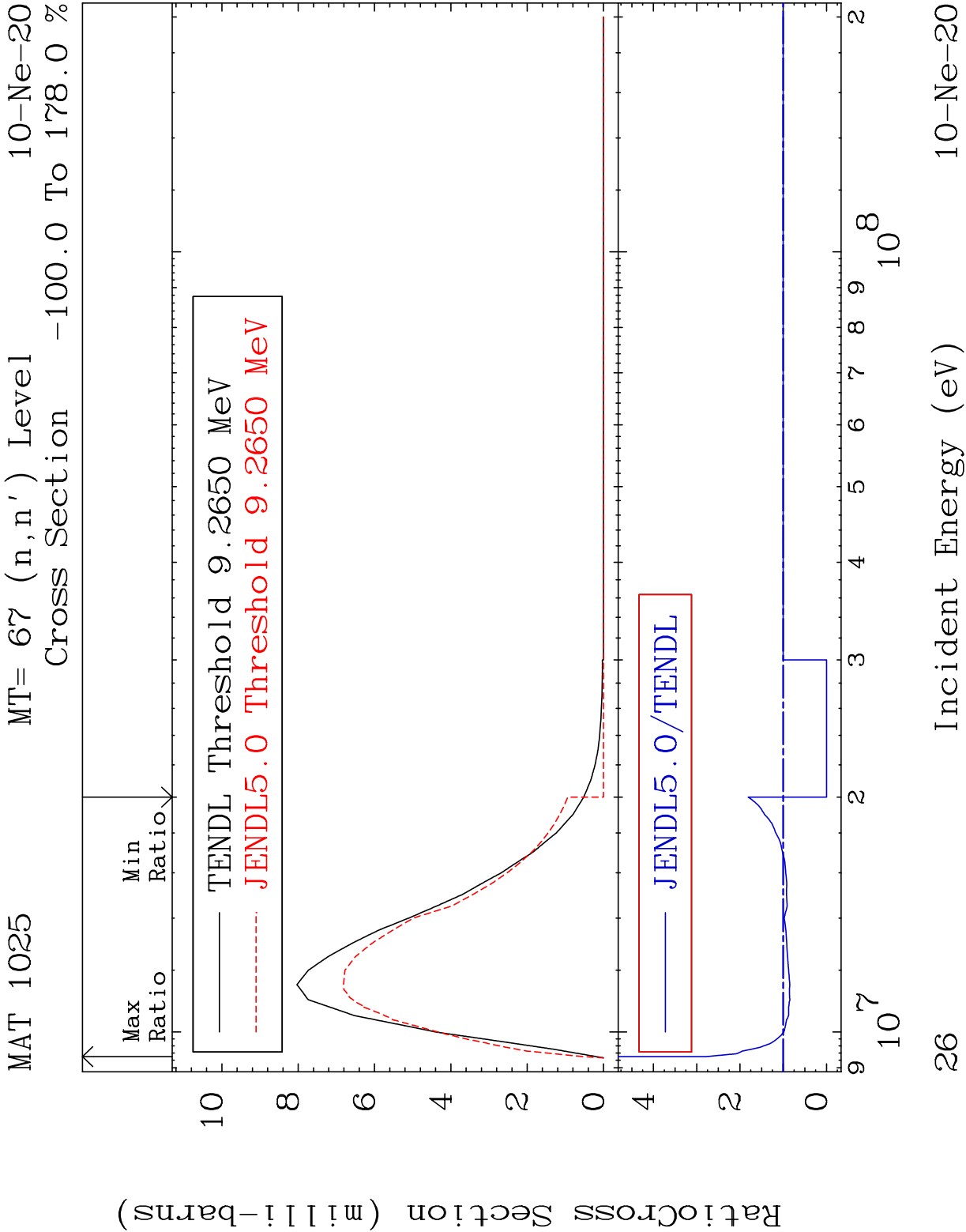


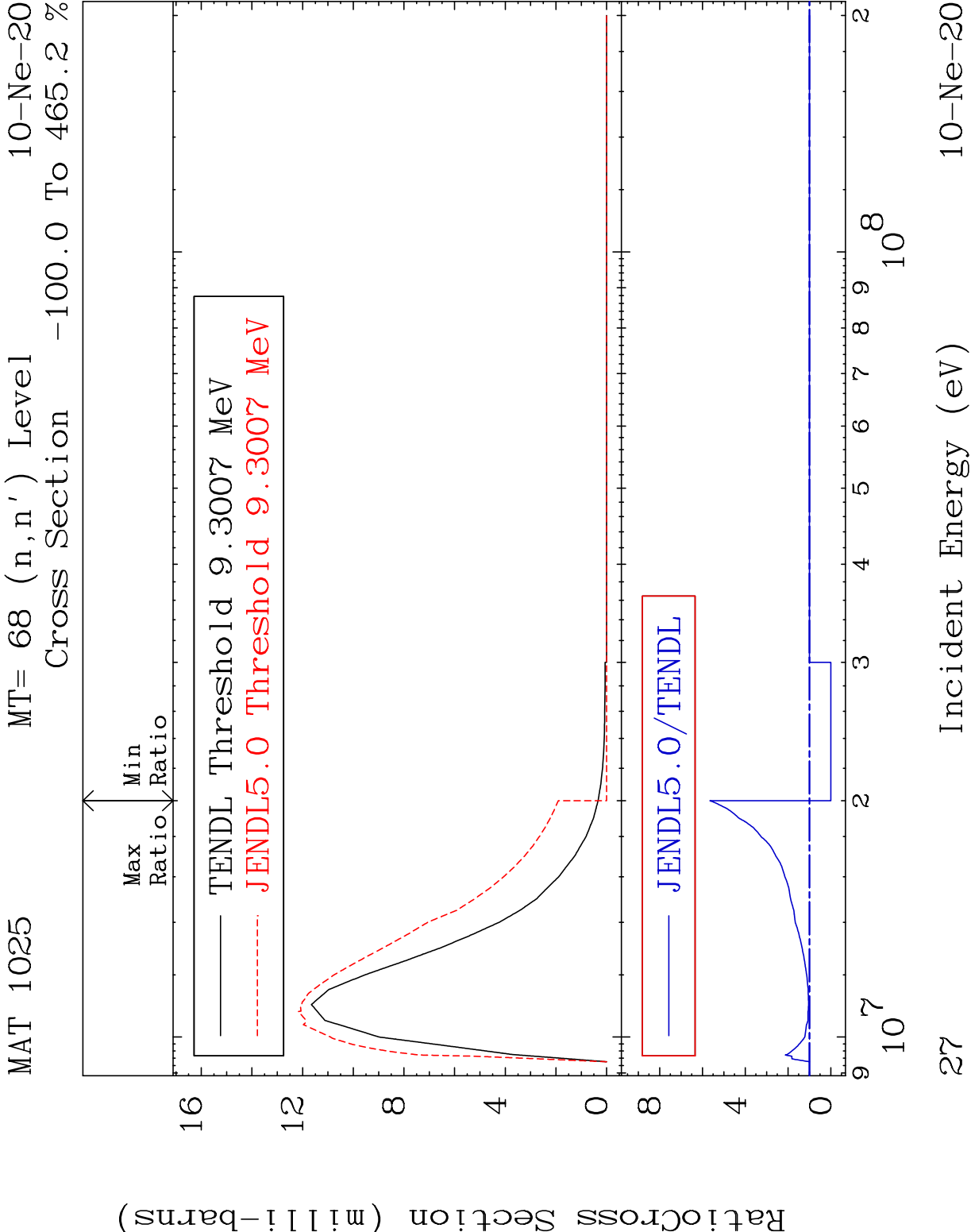
MAT 1025 MT= 65 (n,n') Level 10-Ne-20
Cross Section -100.0 To 232.3 %



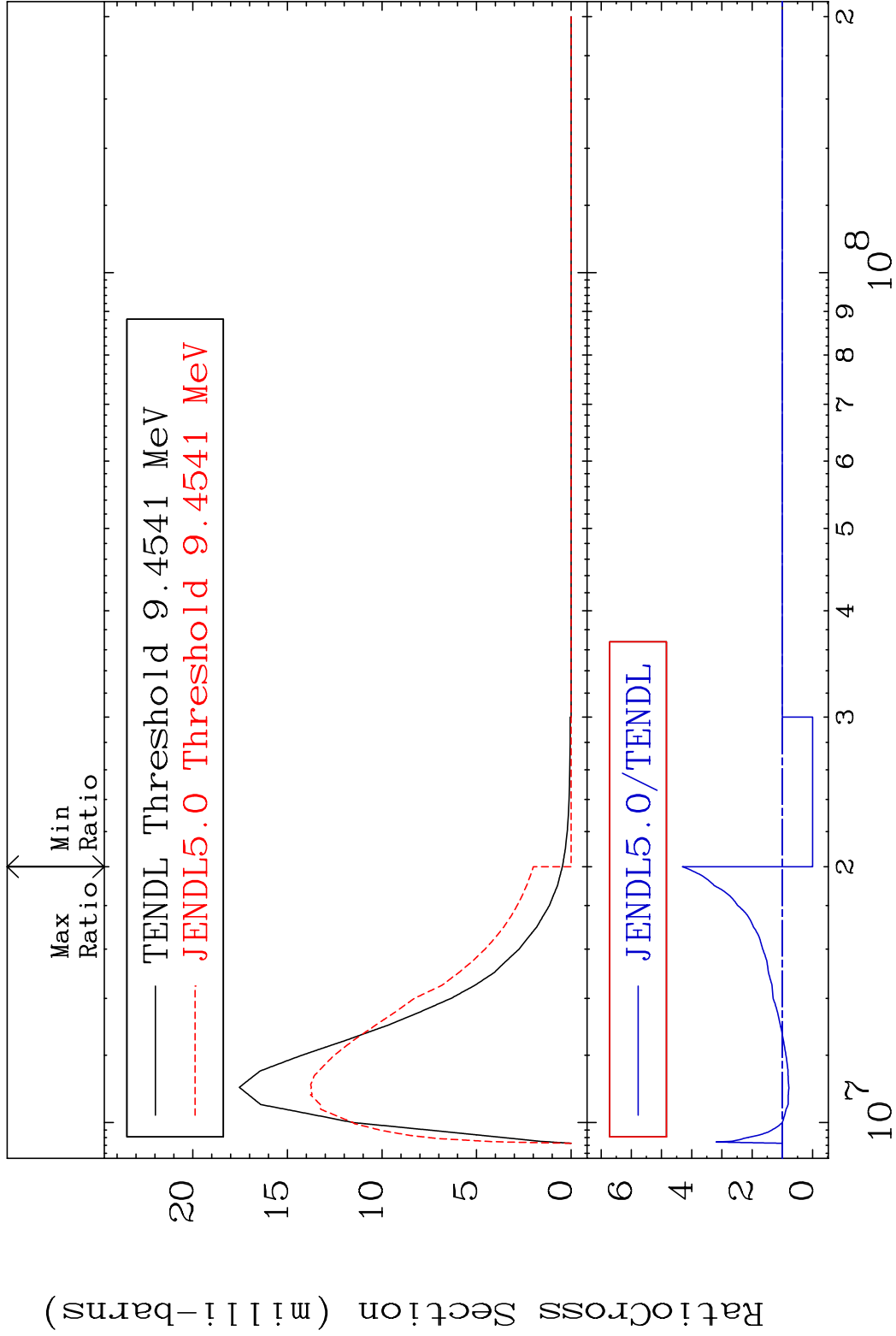
MAT 1025 MT= 66 (n,n') Level 10-Ne-20
Cross Section -100.0 To 879.7 %

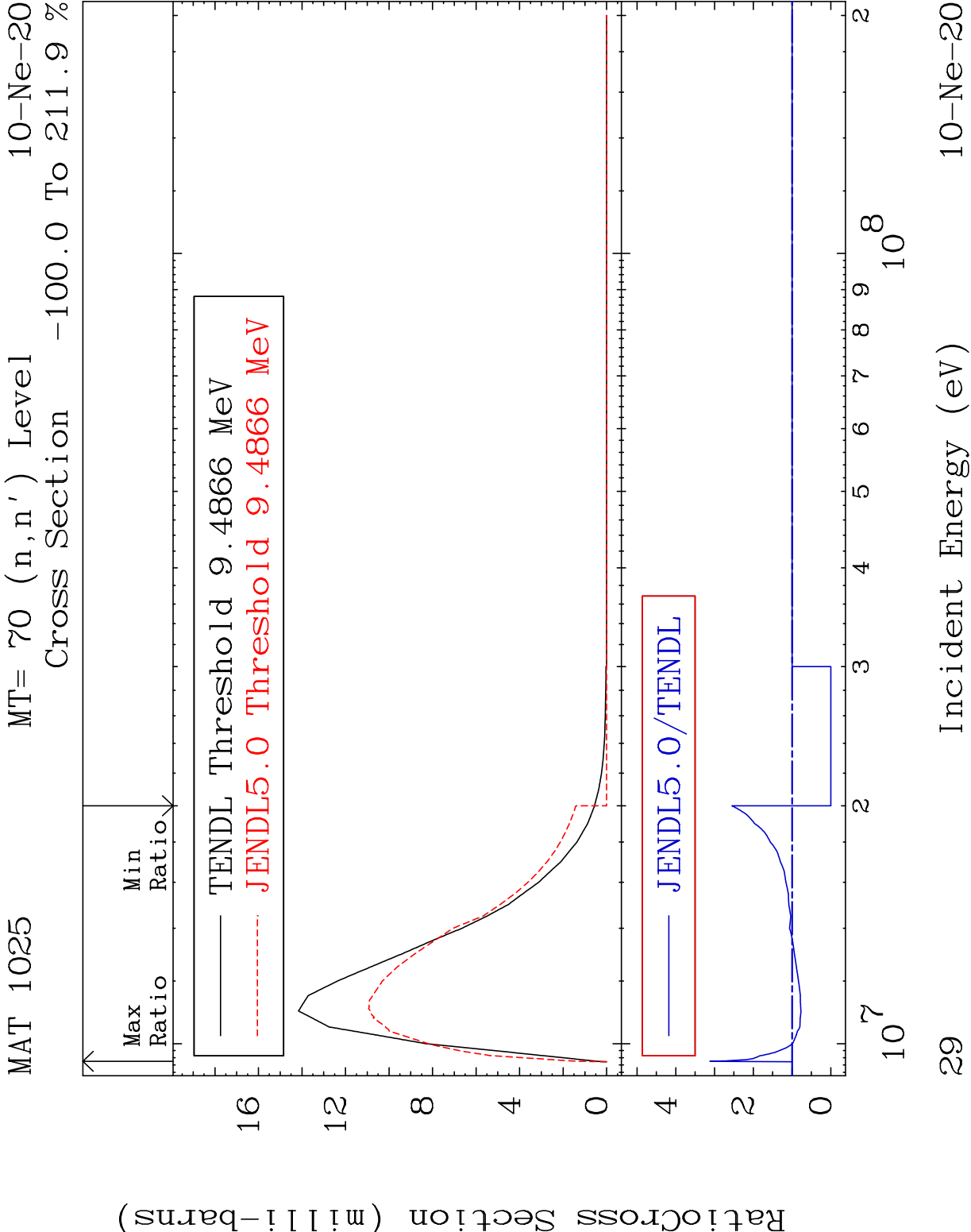


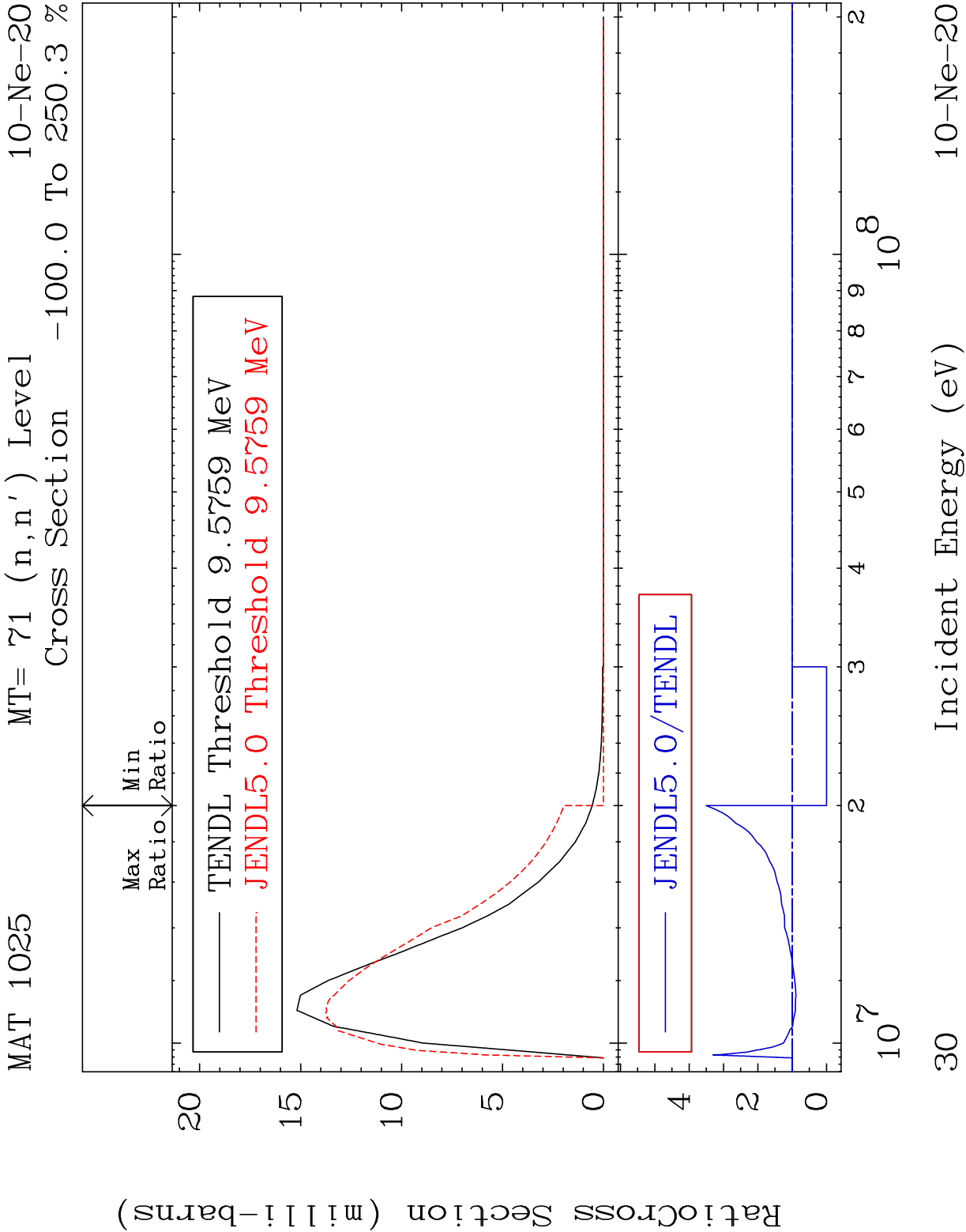


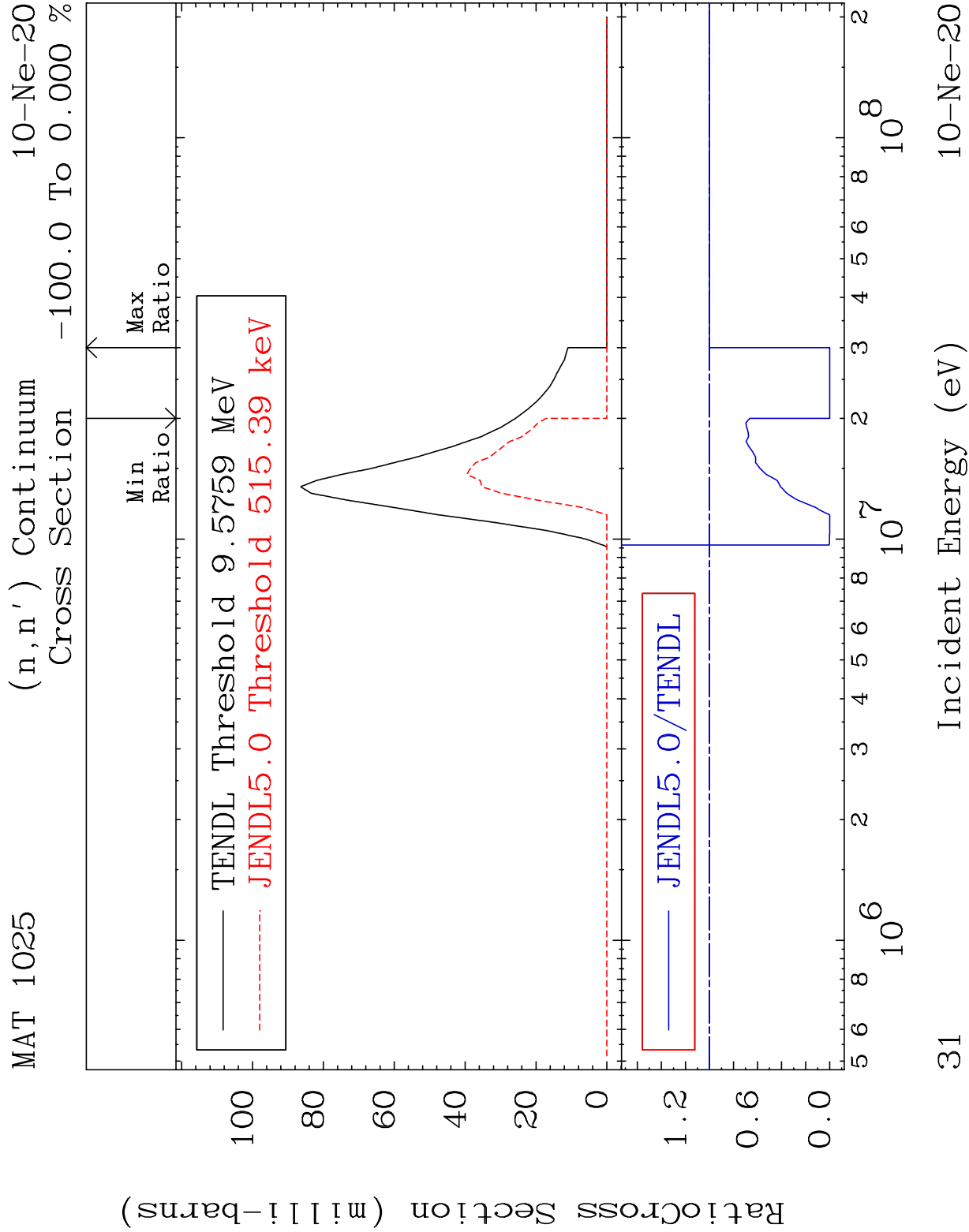


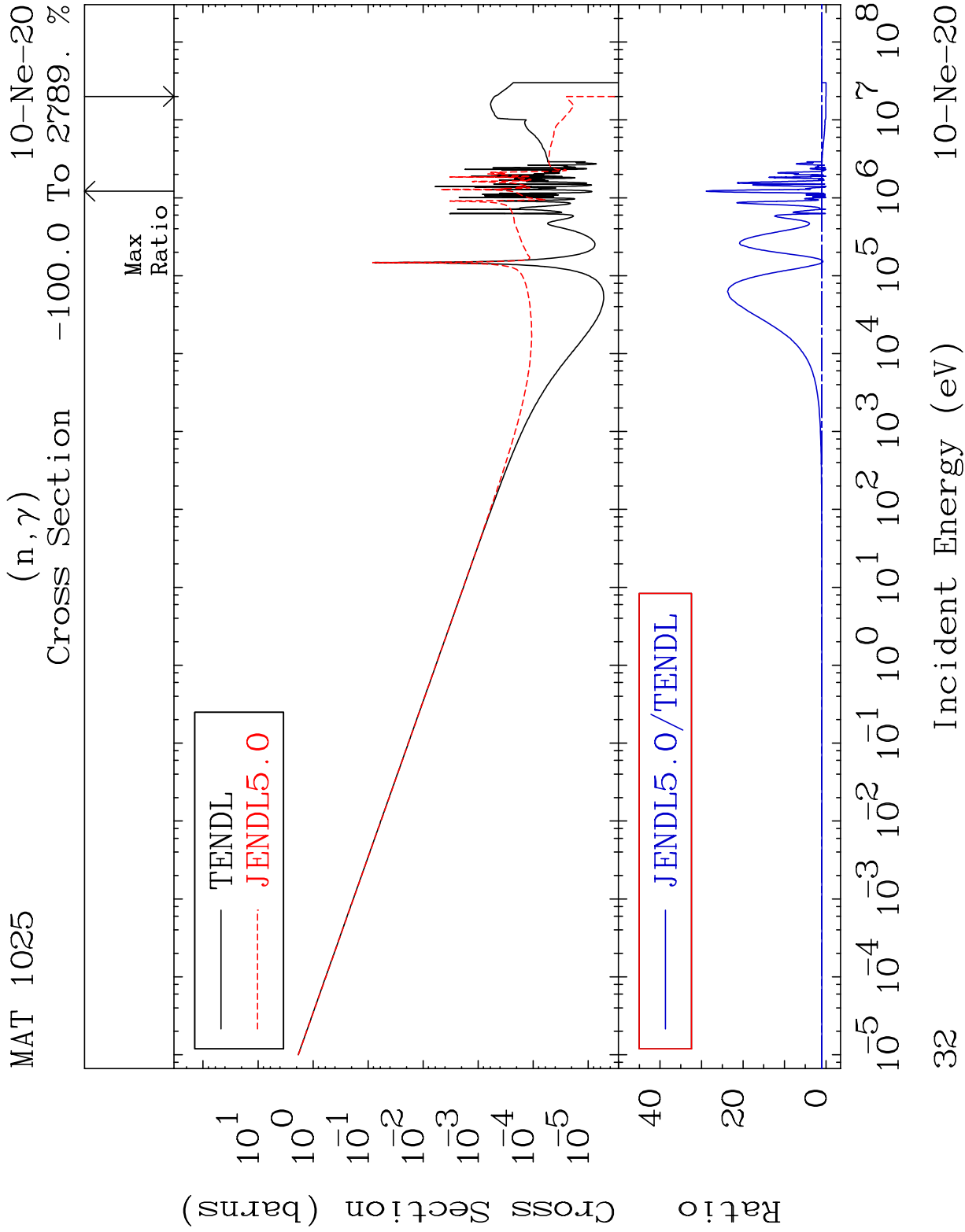
MAT 1025 MT= 69 (n,n') Level 10-Ne-20
Cross Section -100.0 To 331.0 %

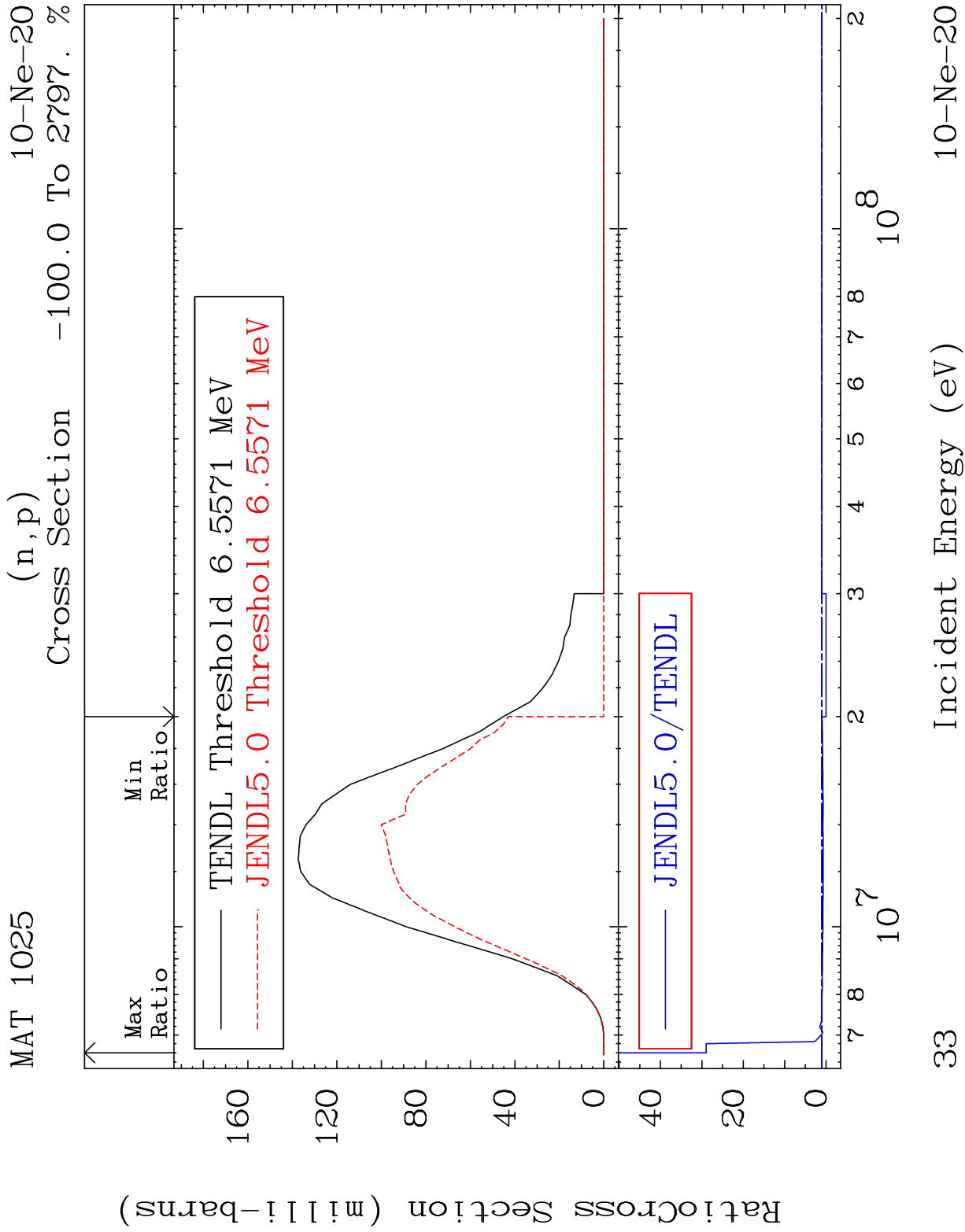


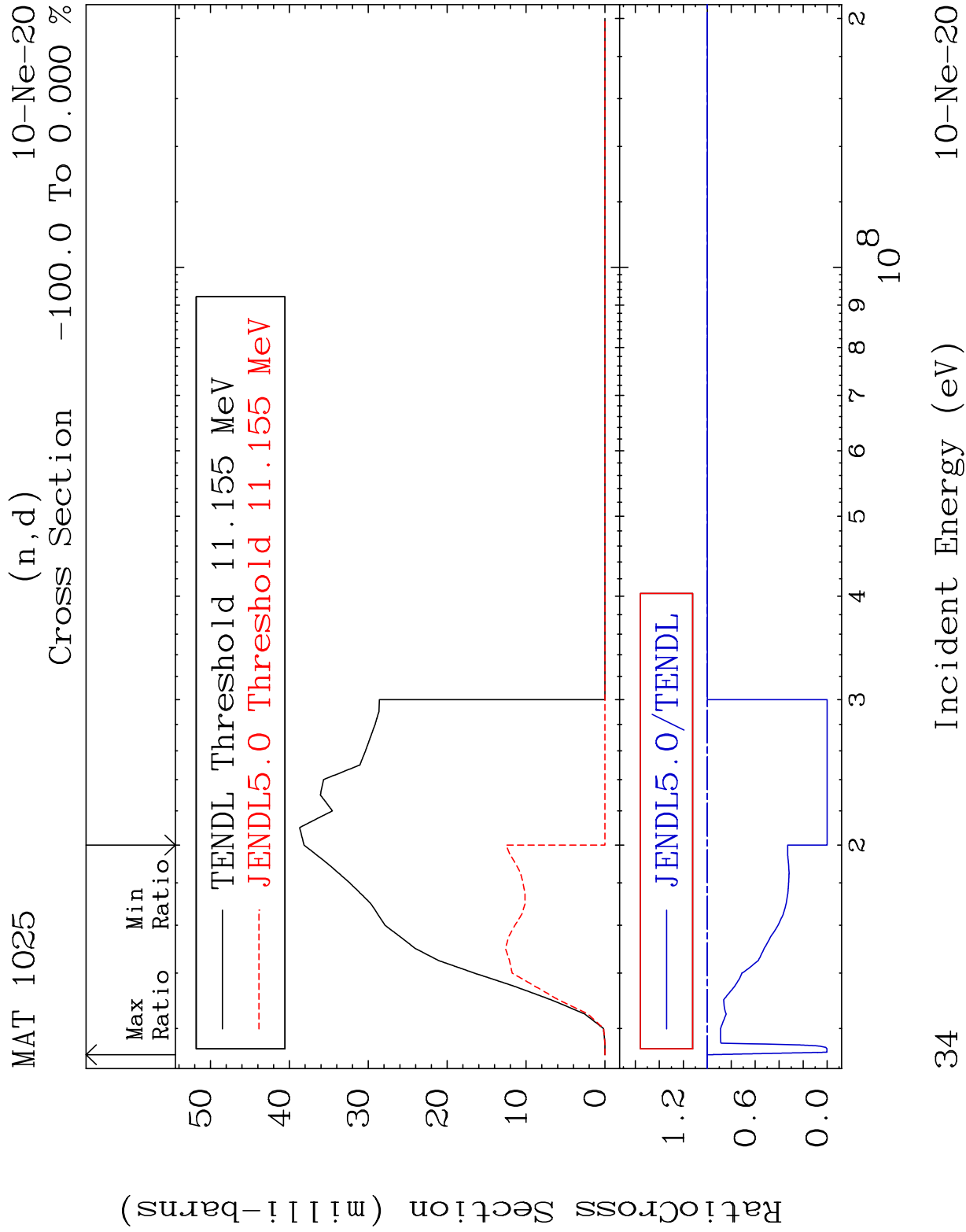


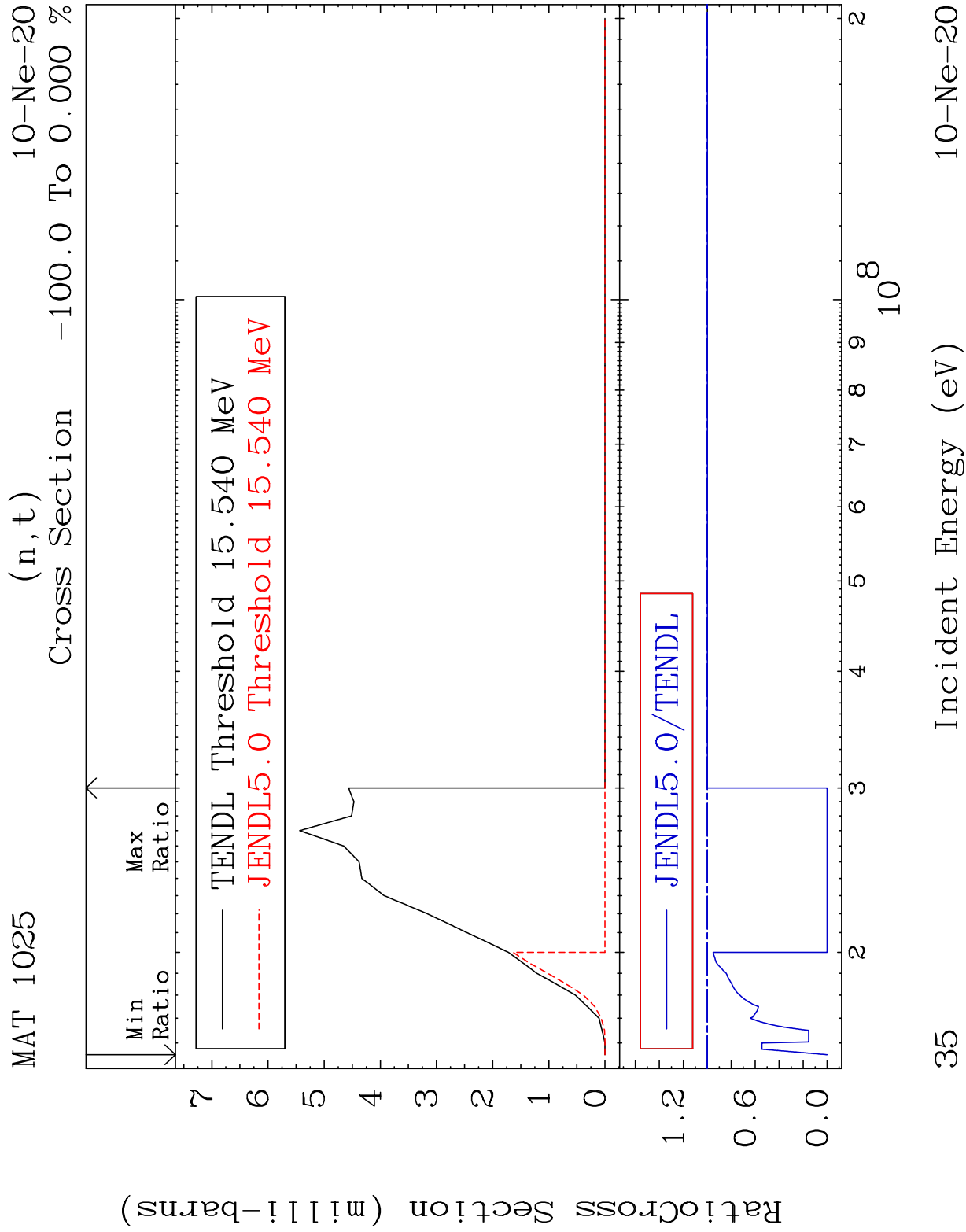


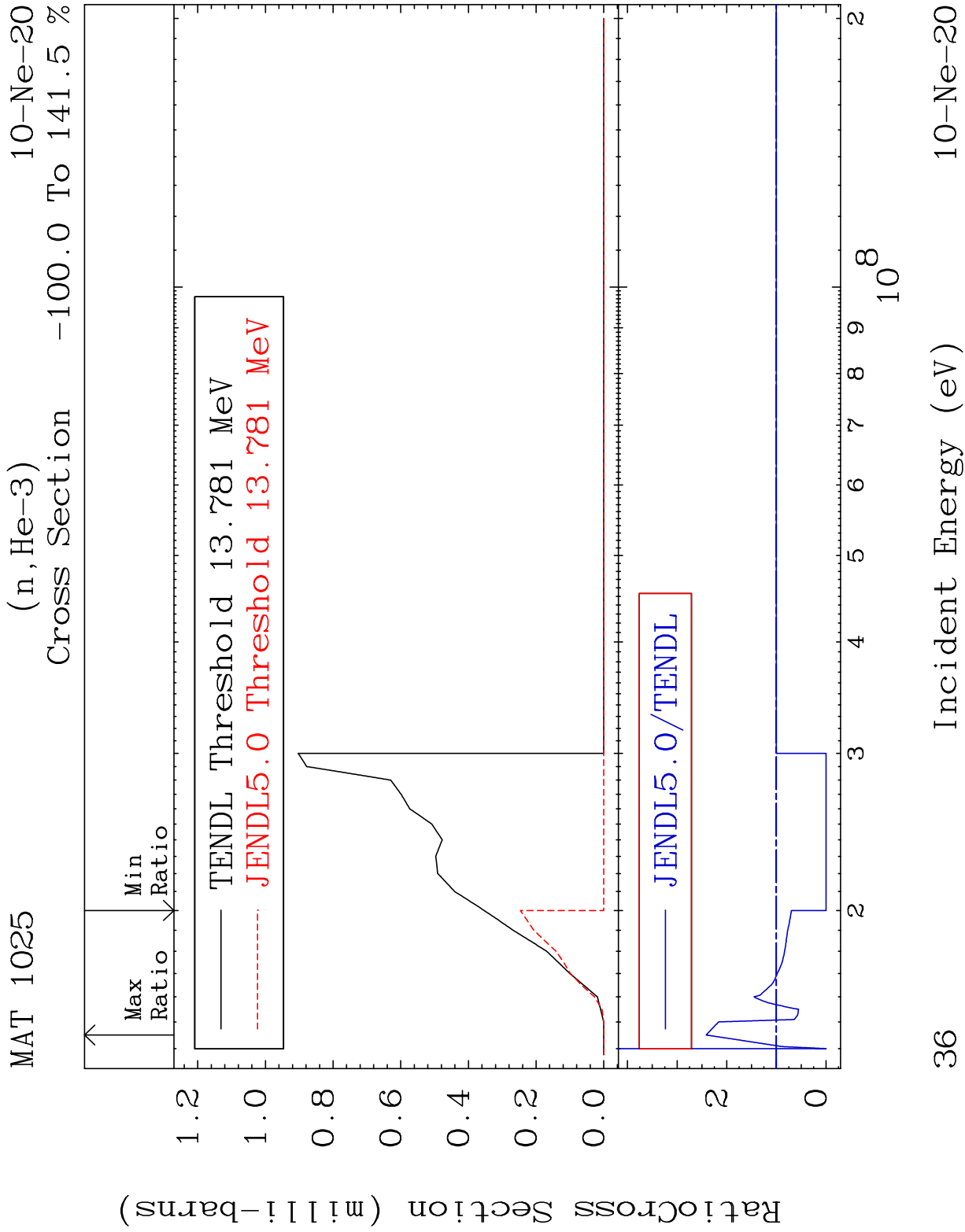


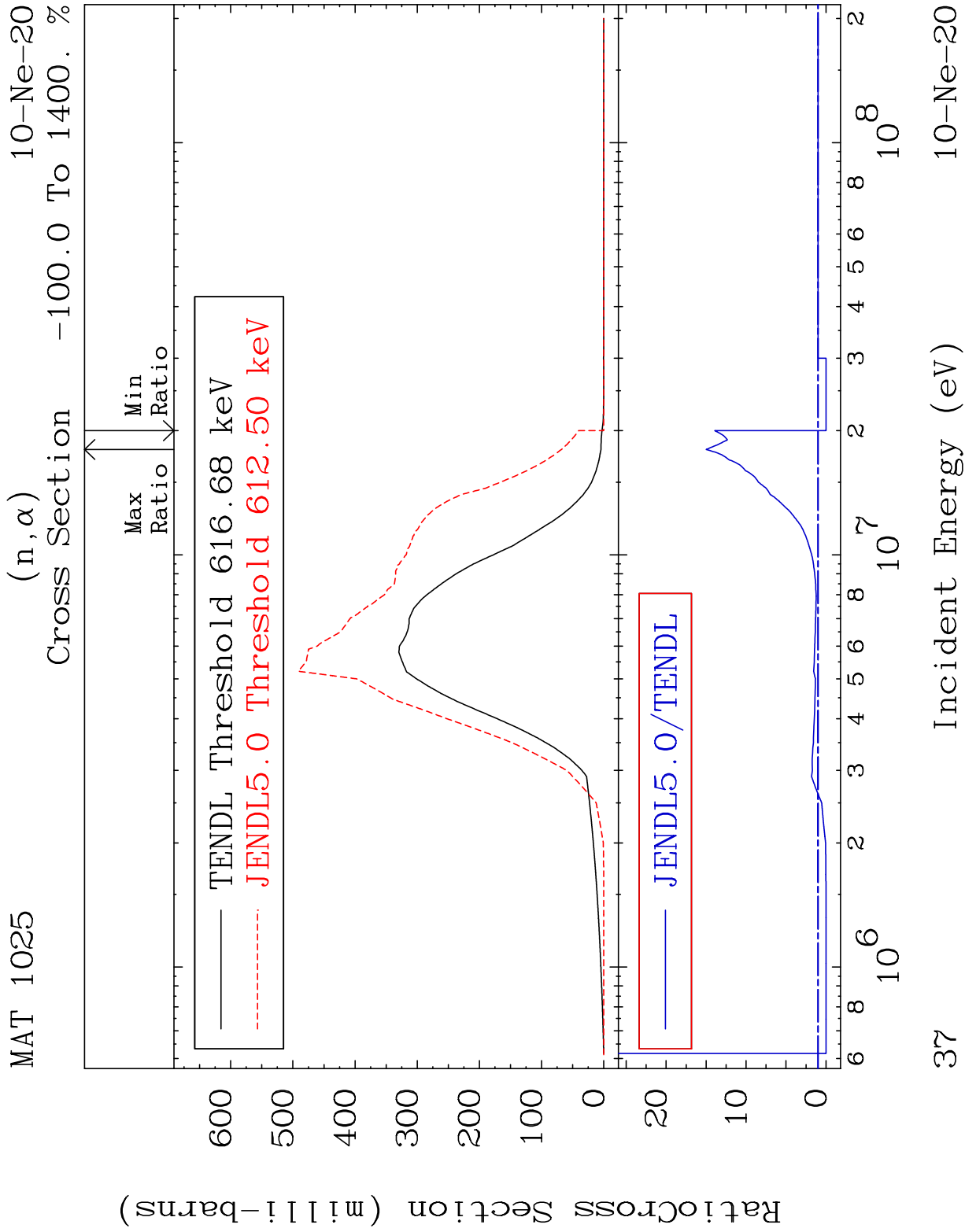


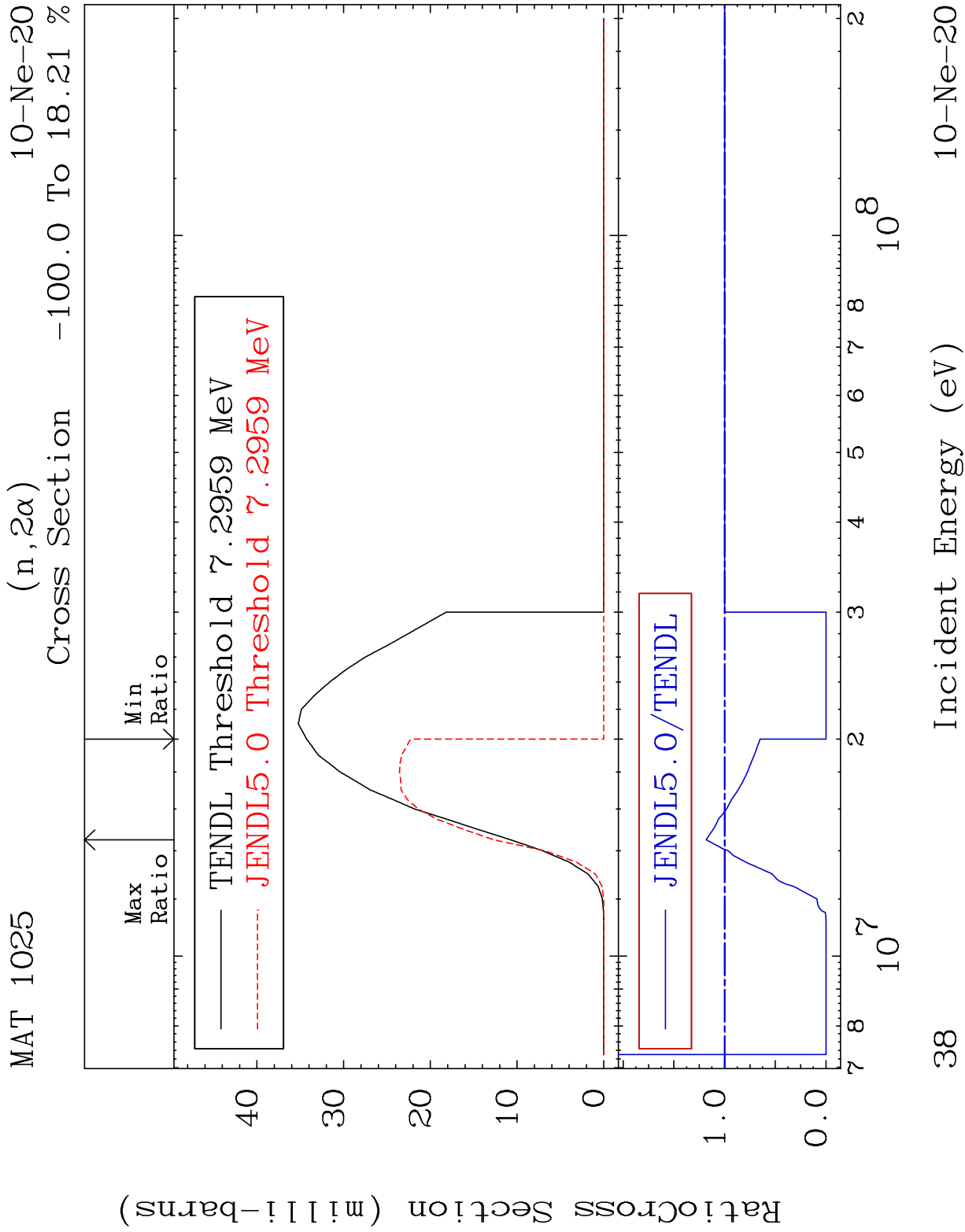


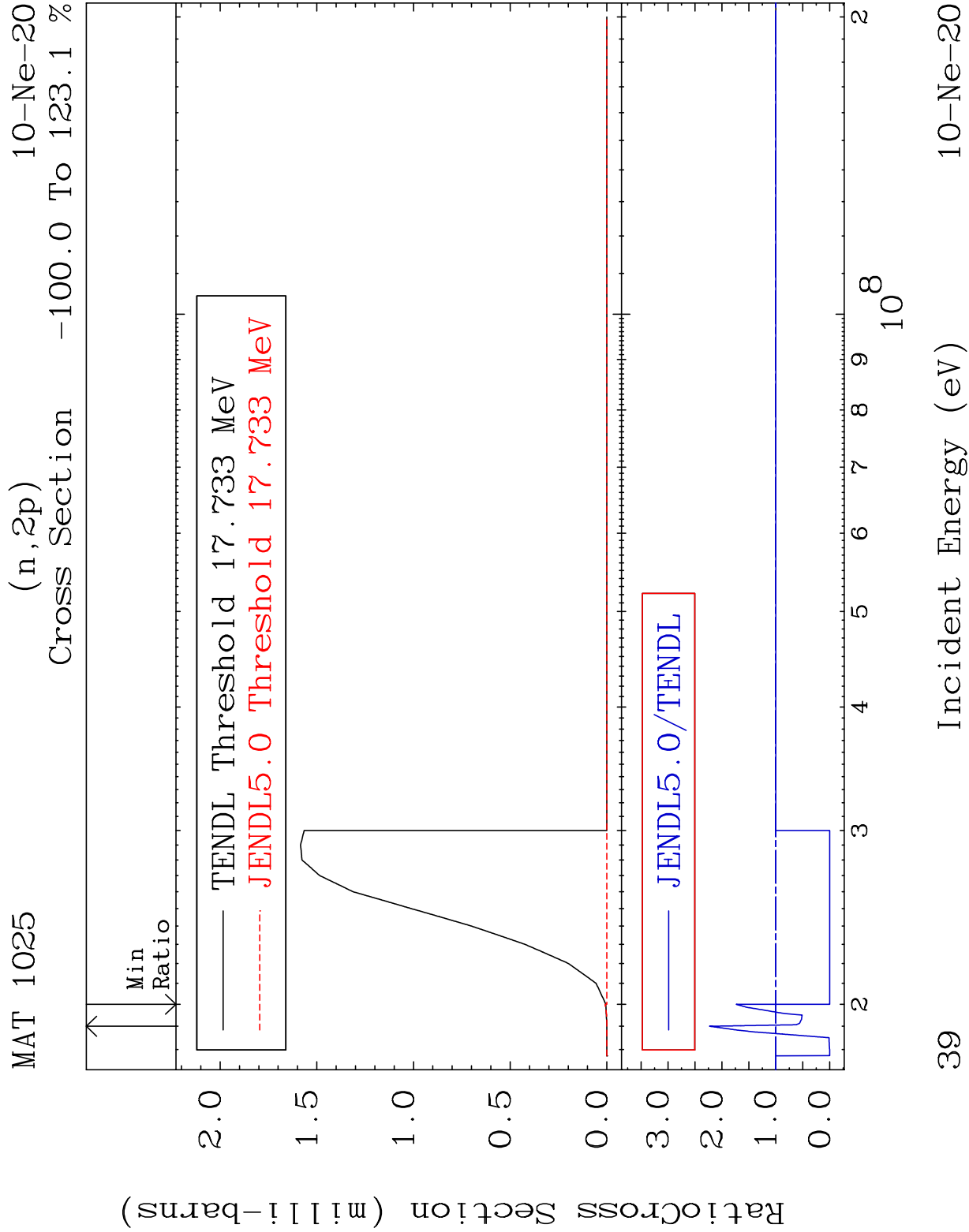










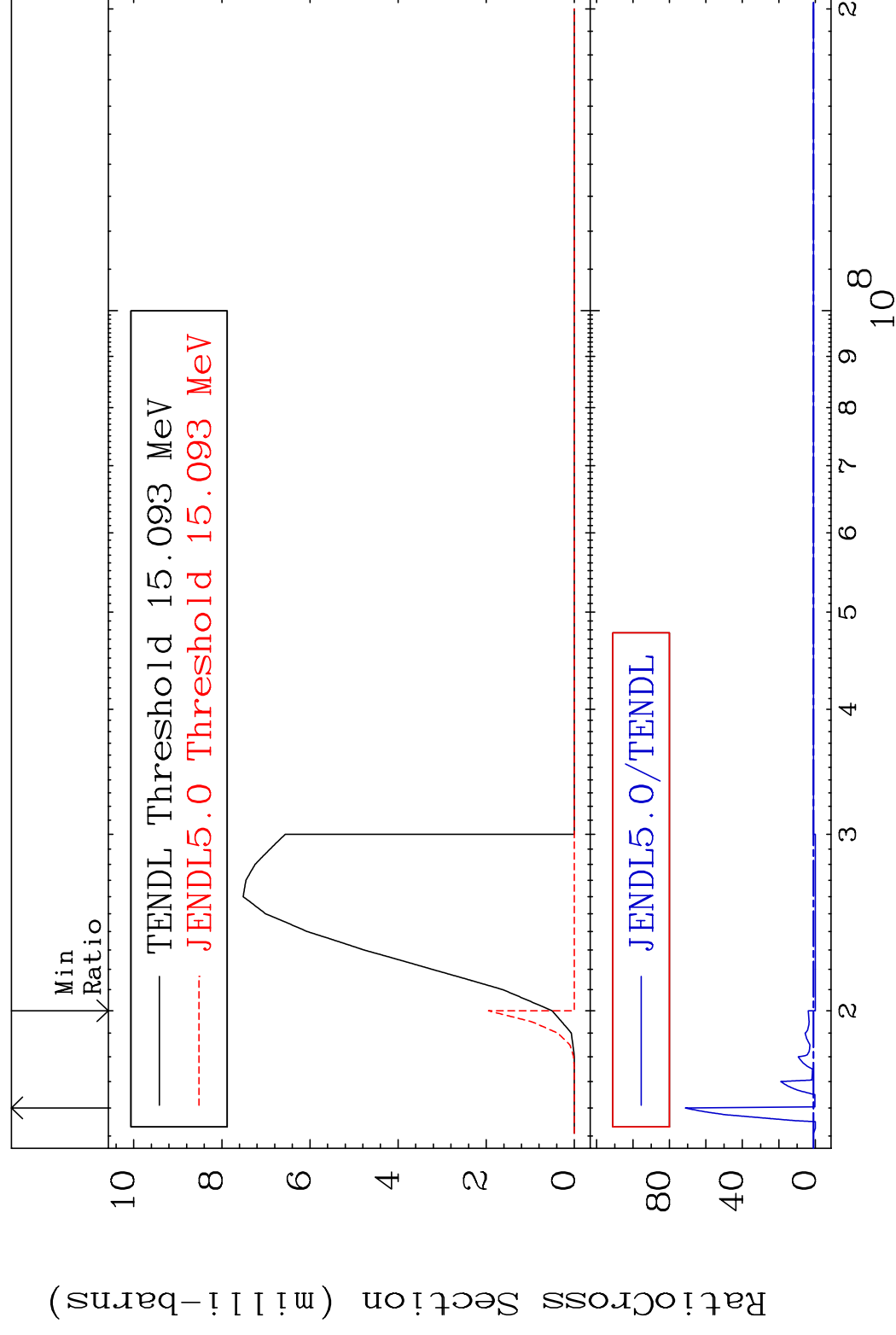


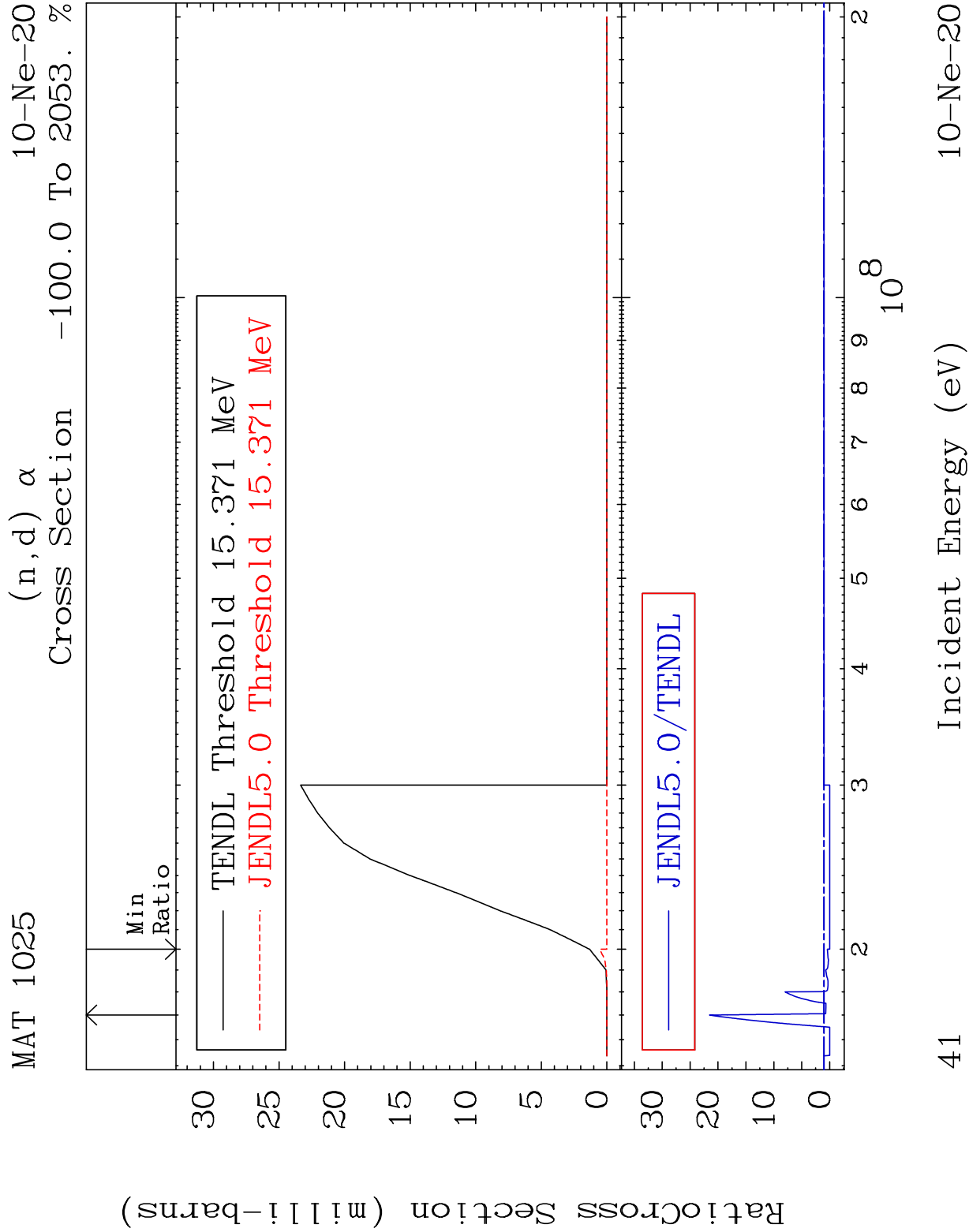
MAT 1025

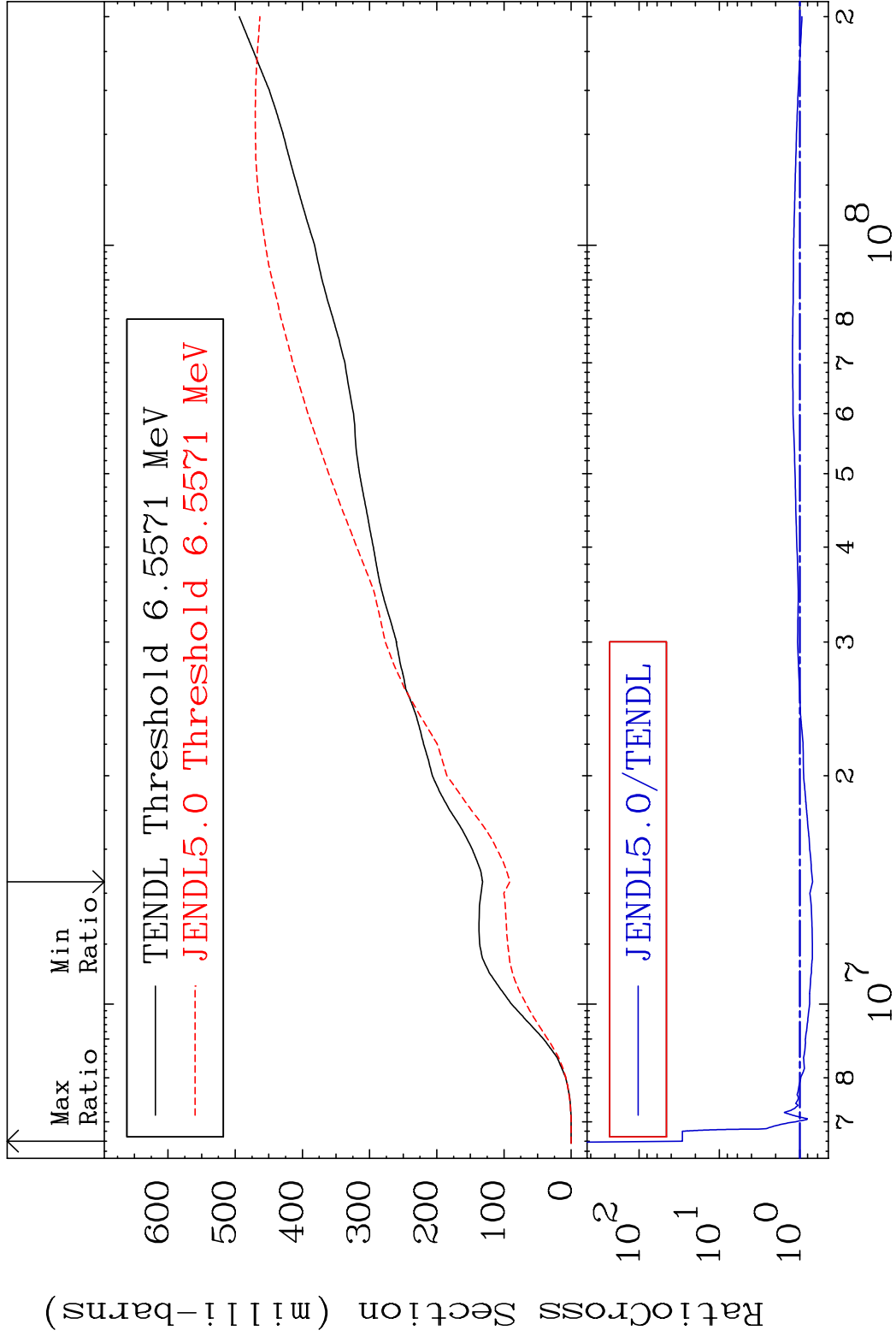
$$(n, p) \propto$$

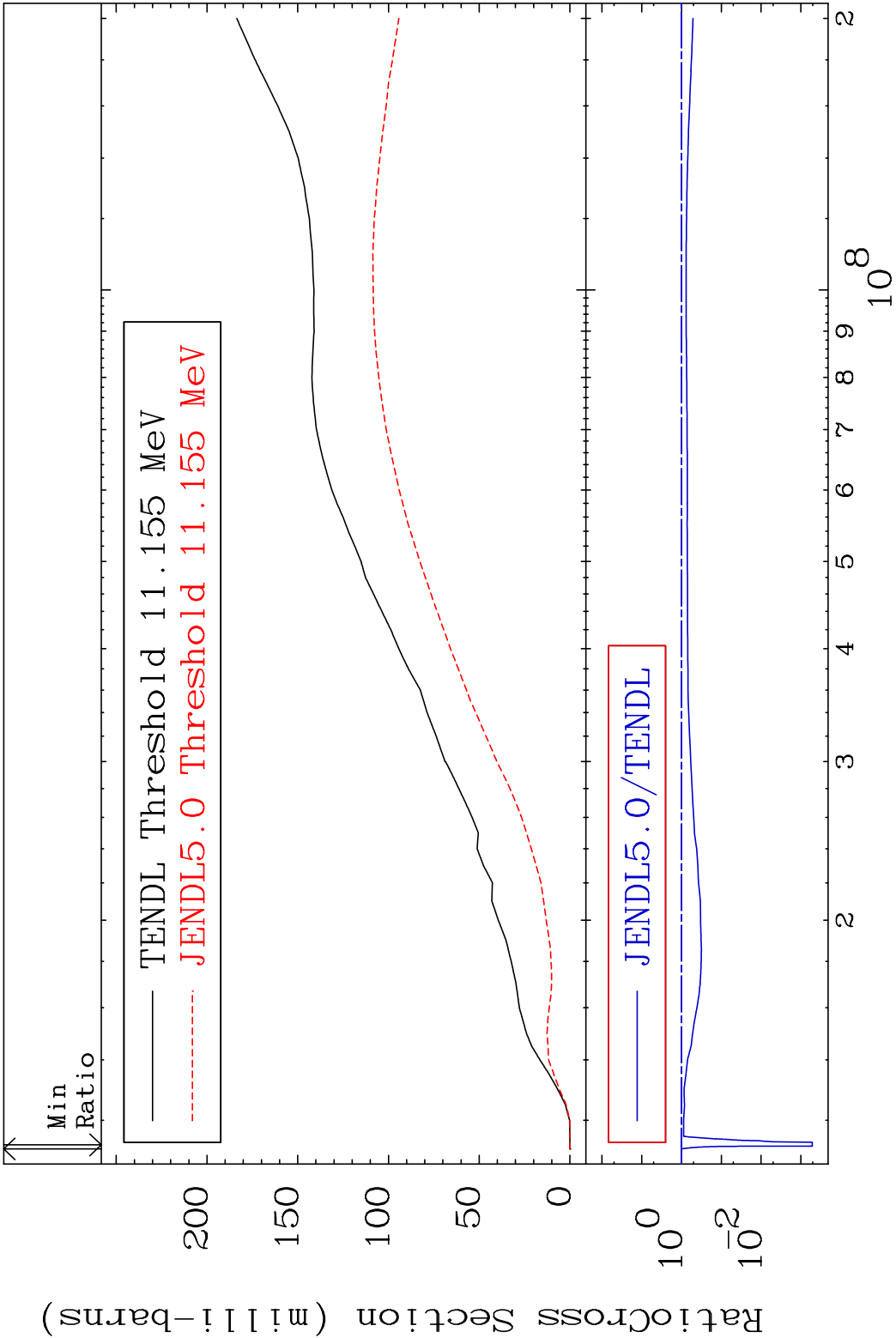
10-Ne-20

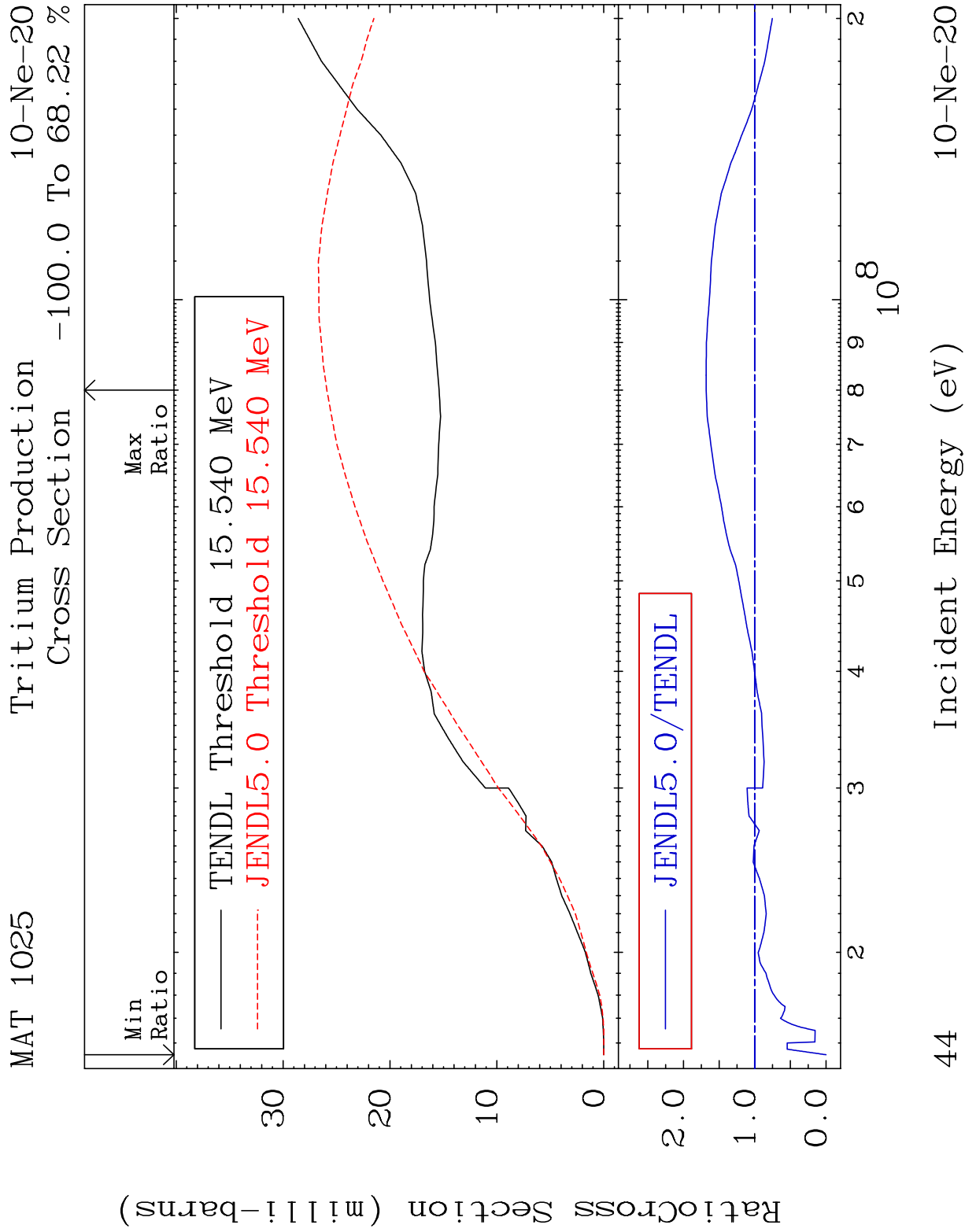
Cross Section -100.0 To 7029. %

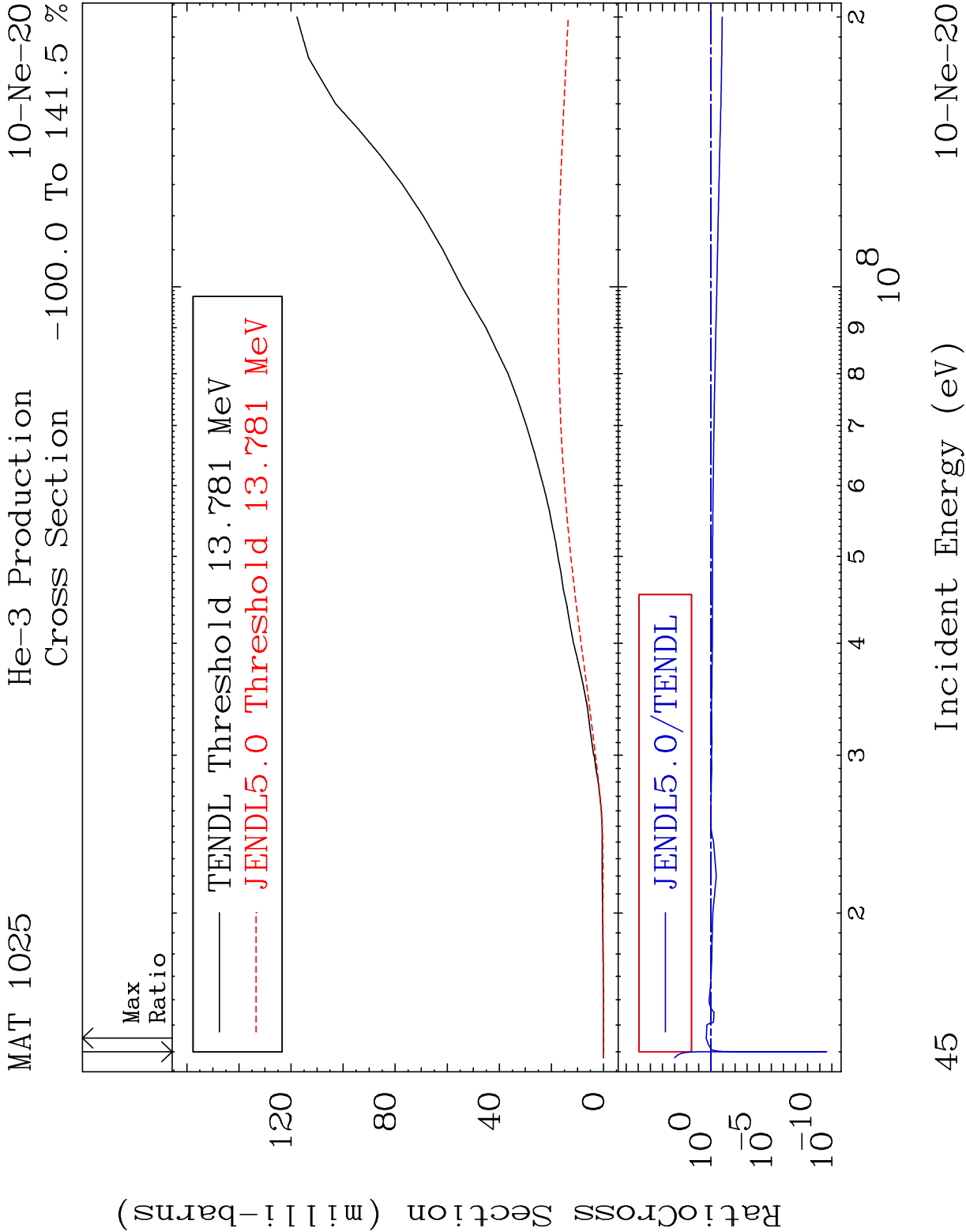


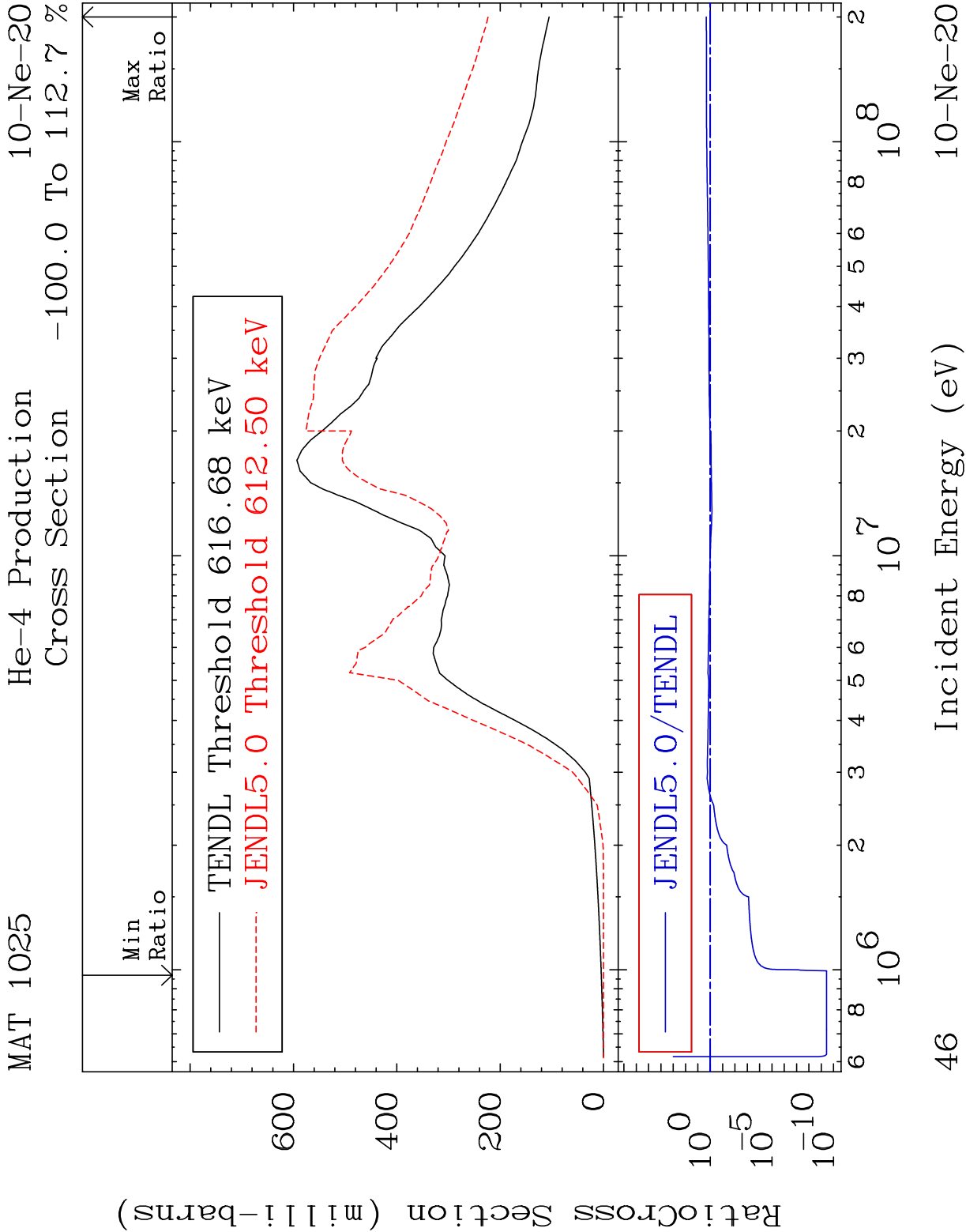


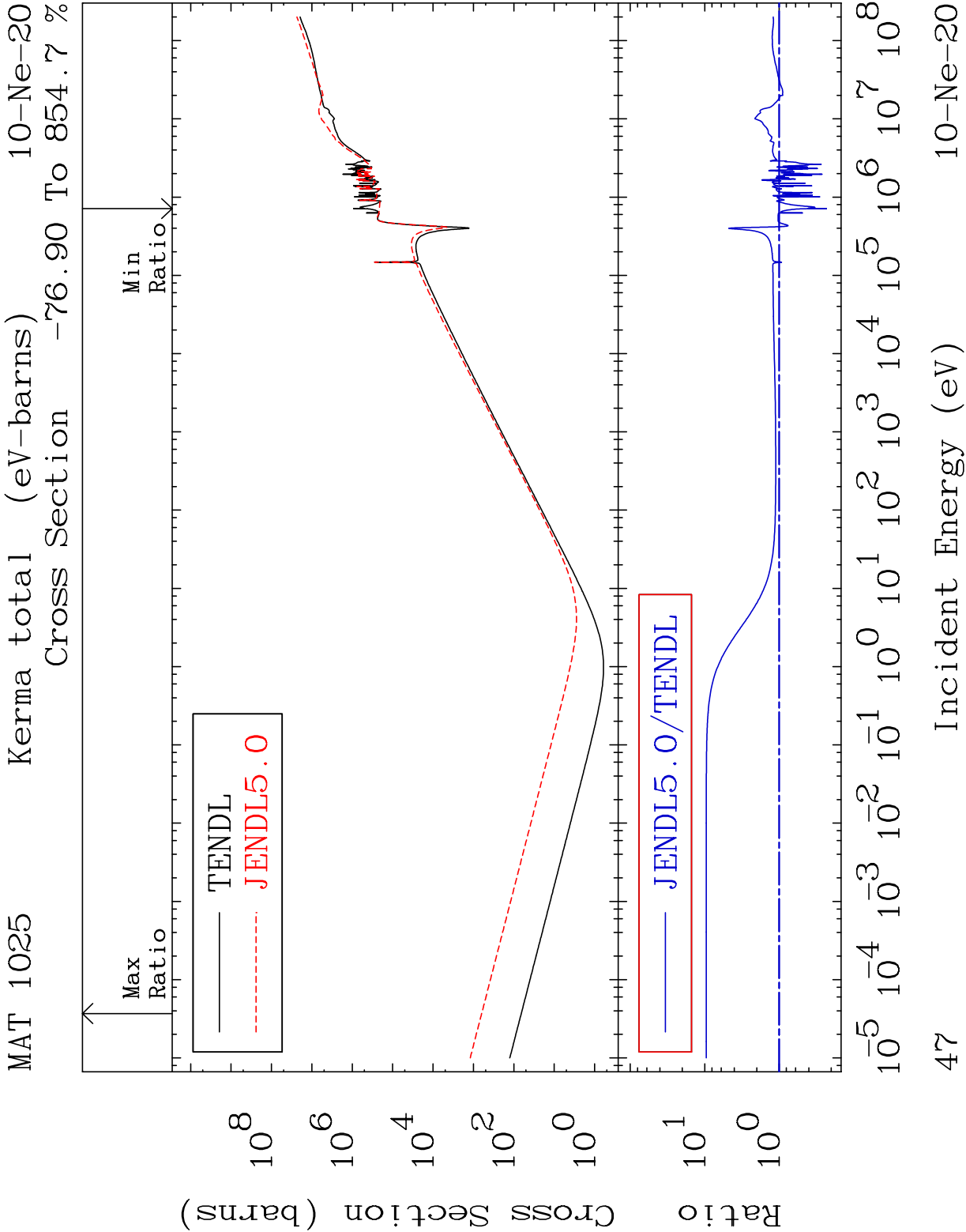


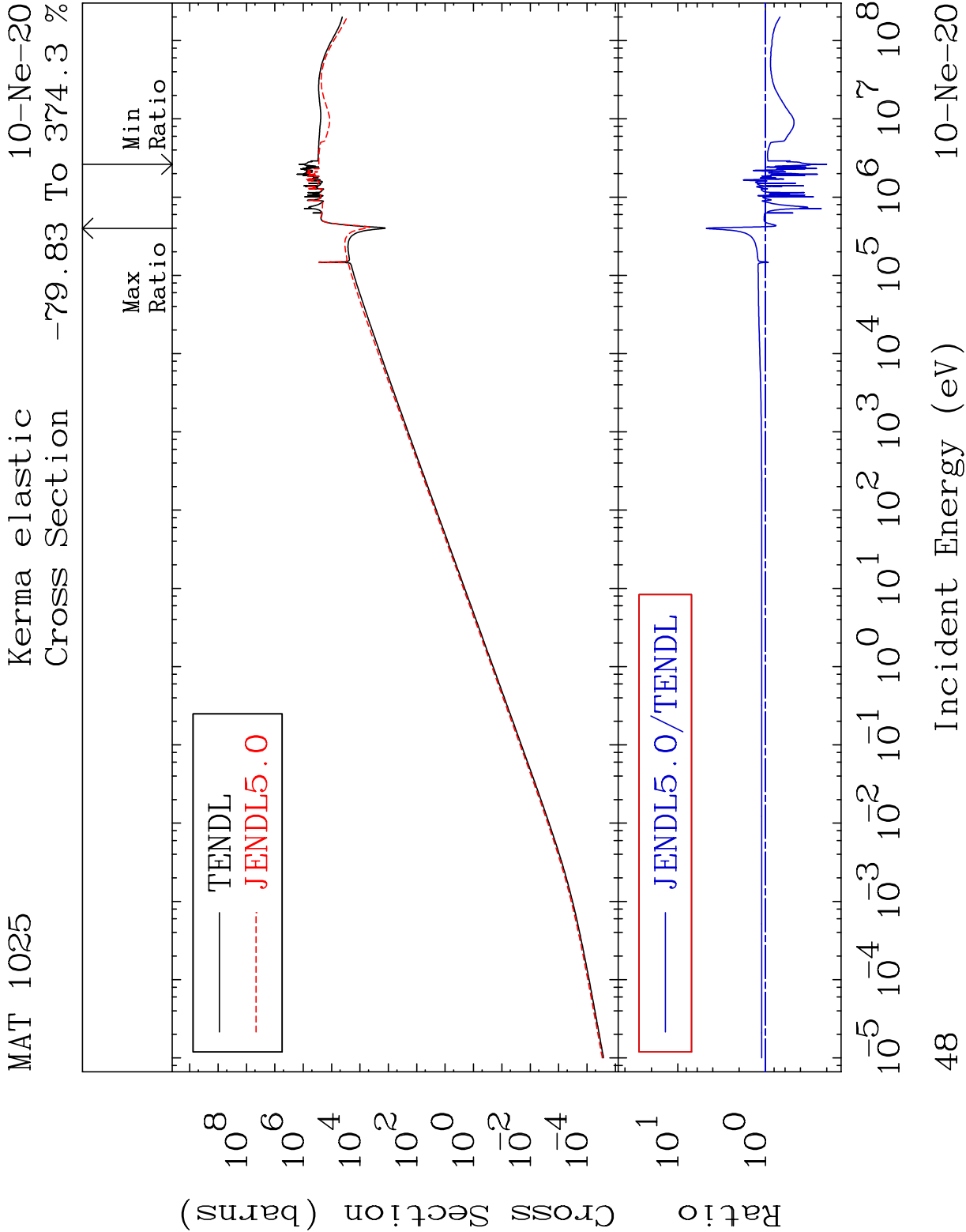




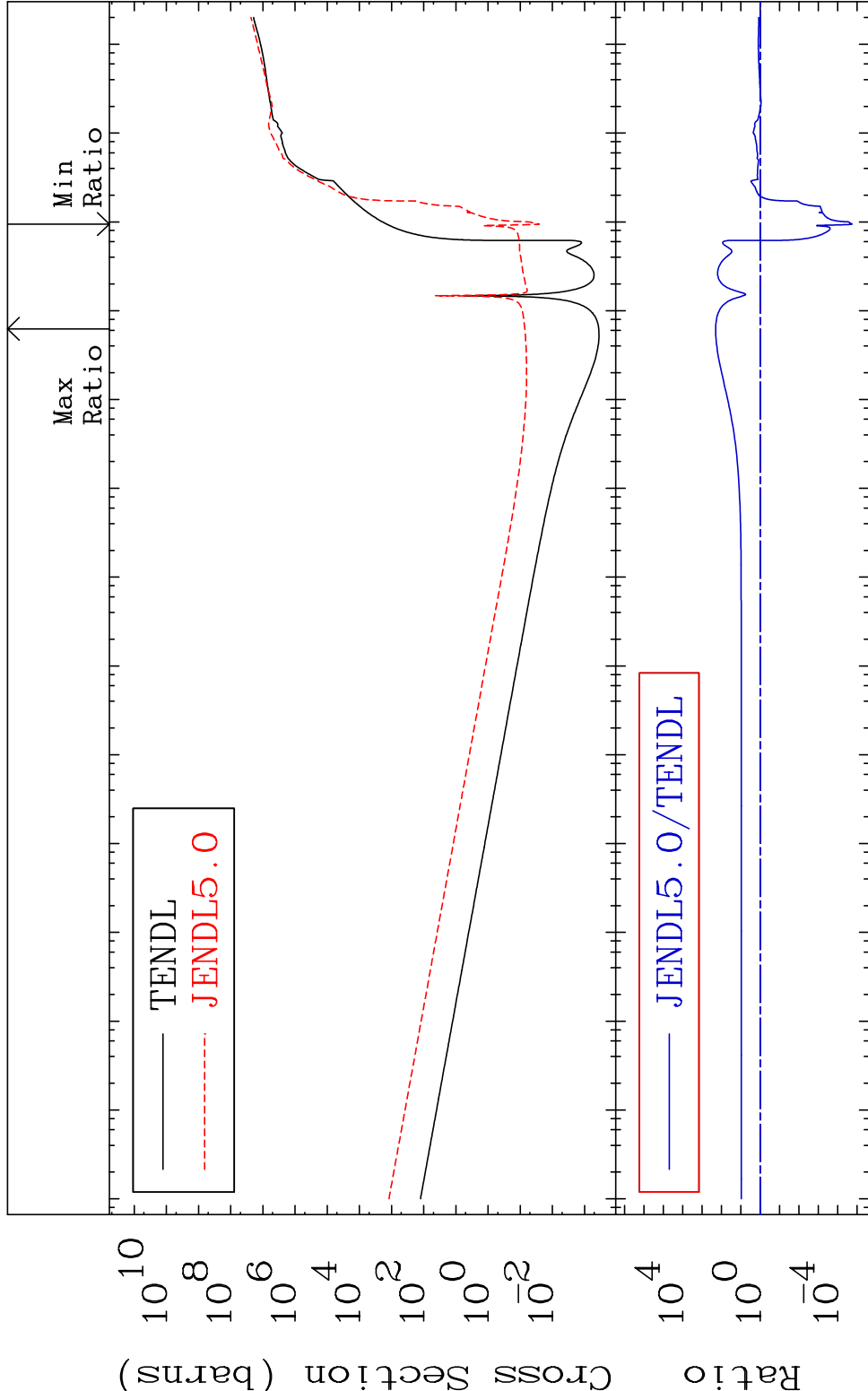




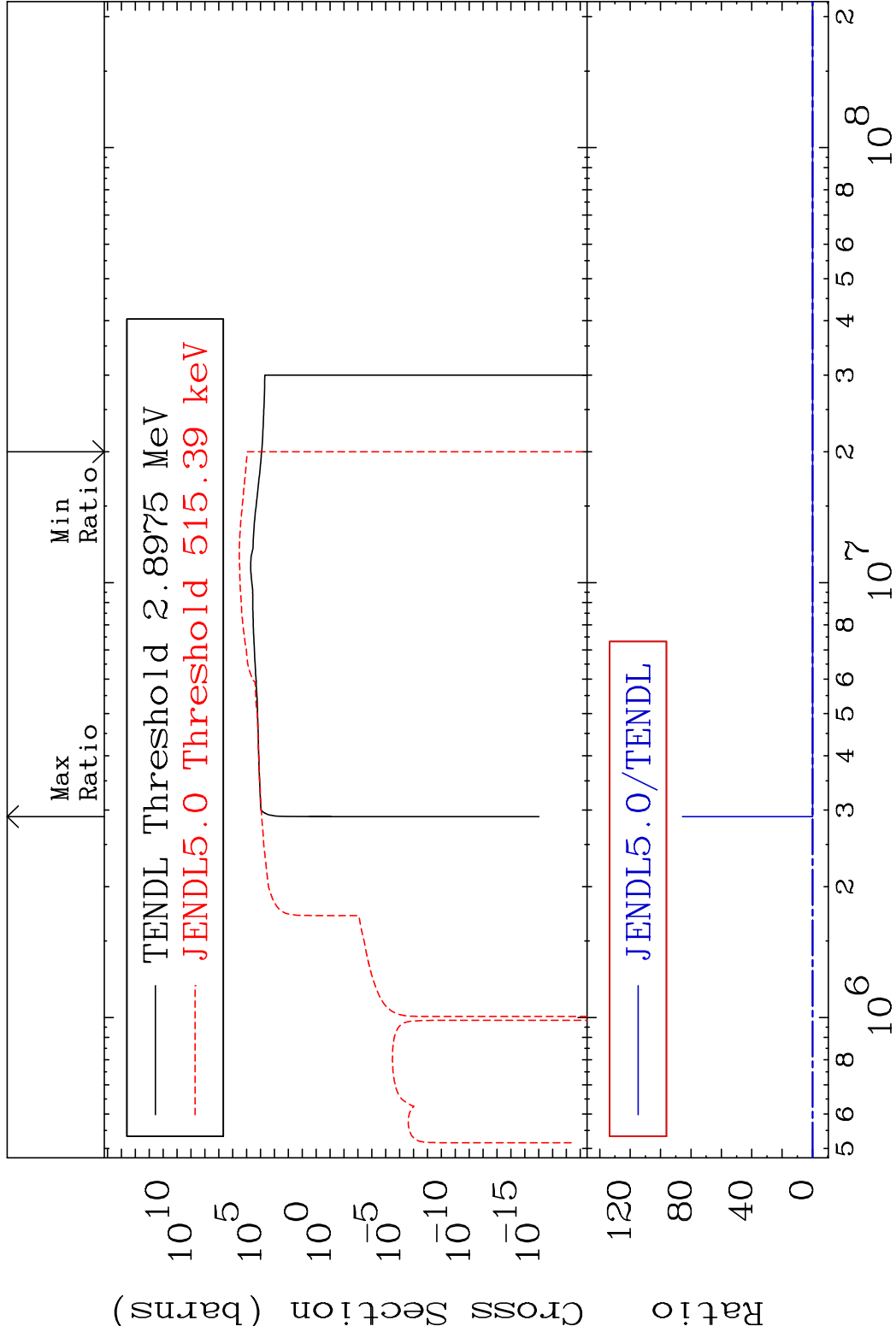




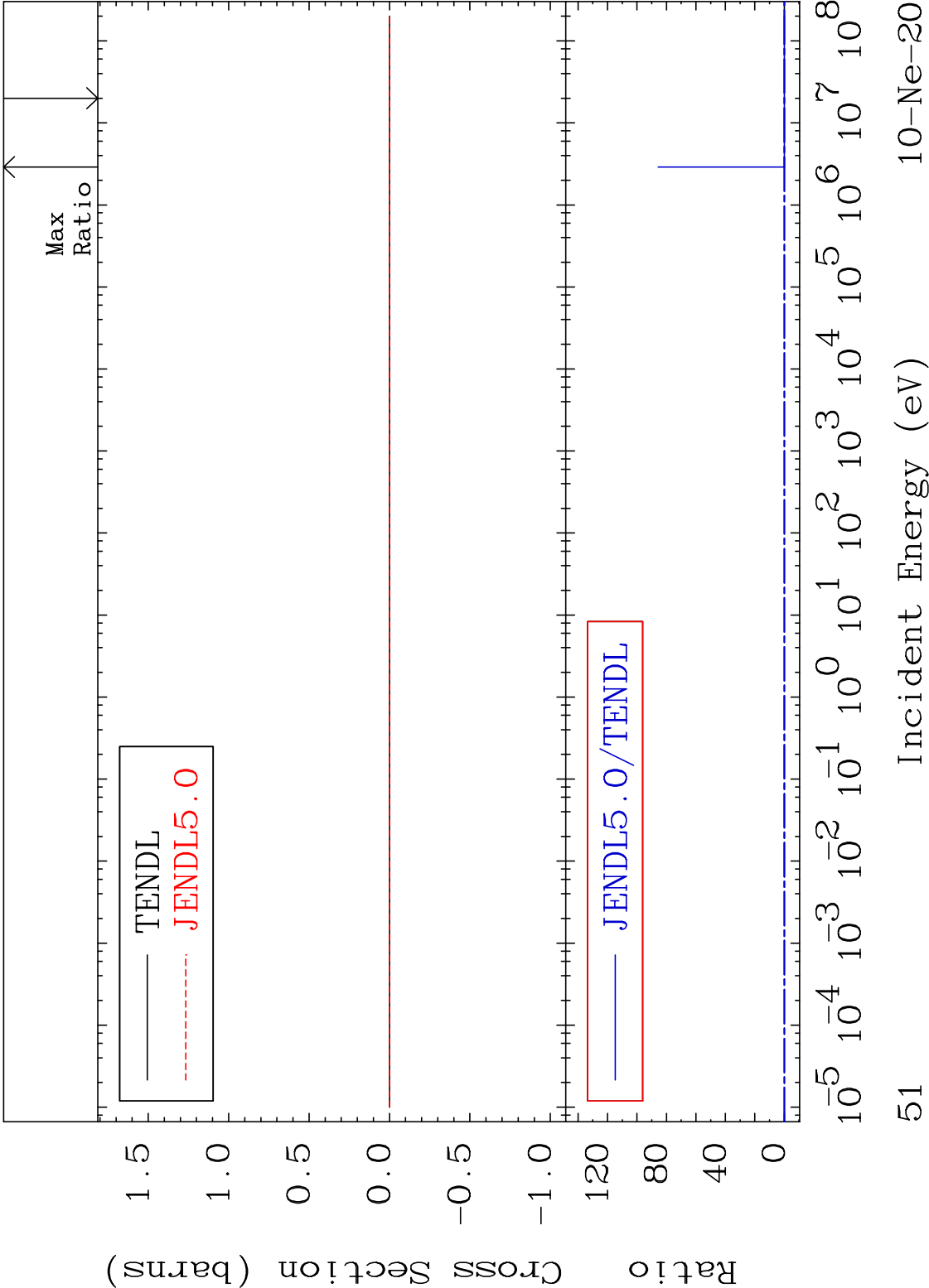
Cross Section -100.0 To 9999. %

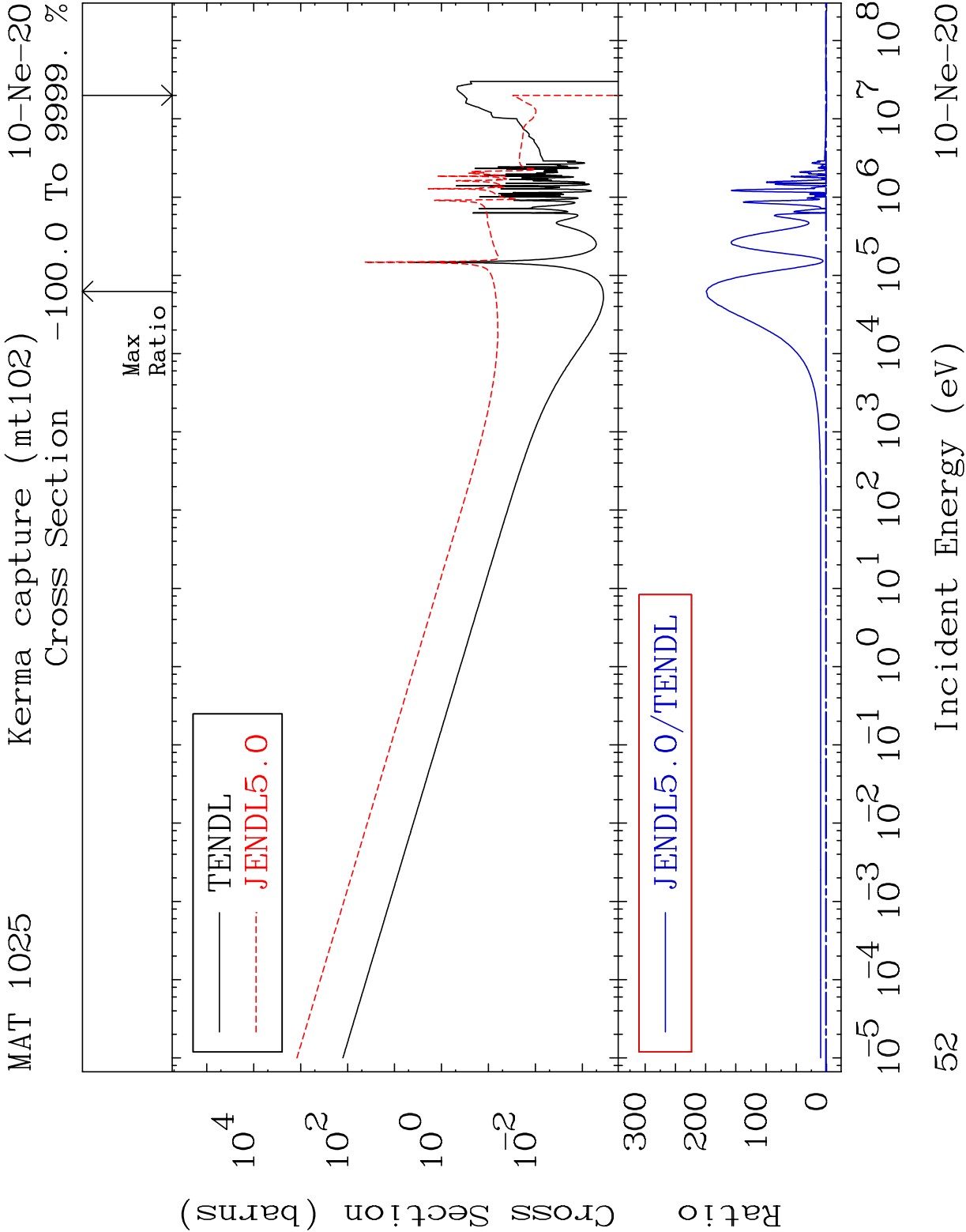


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

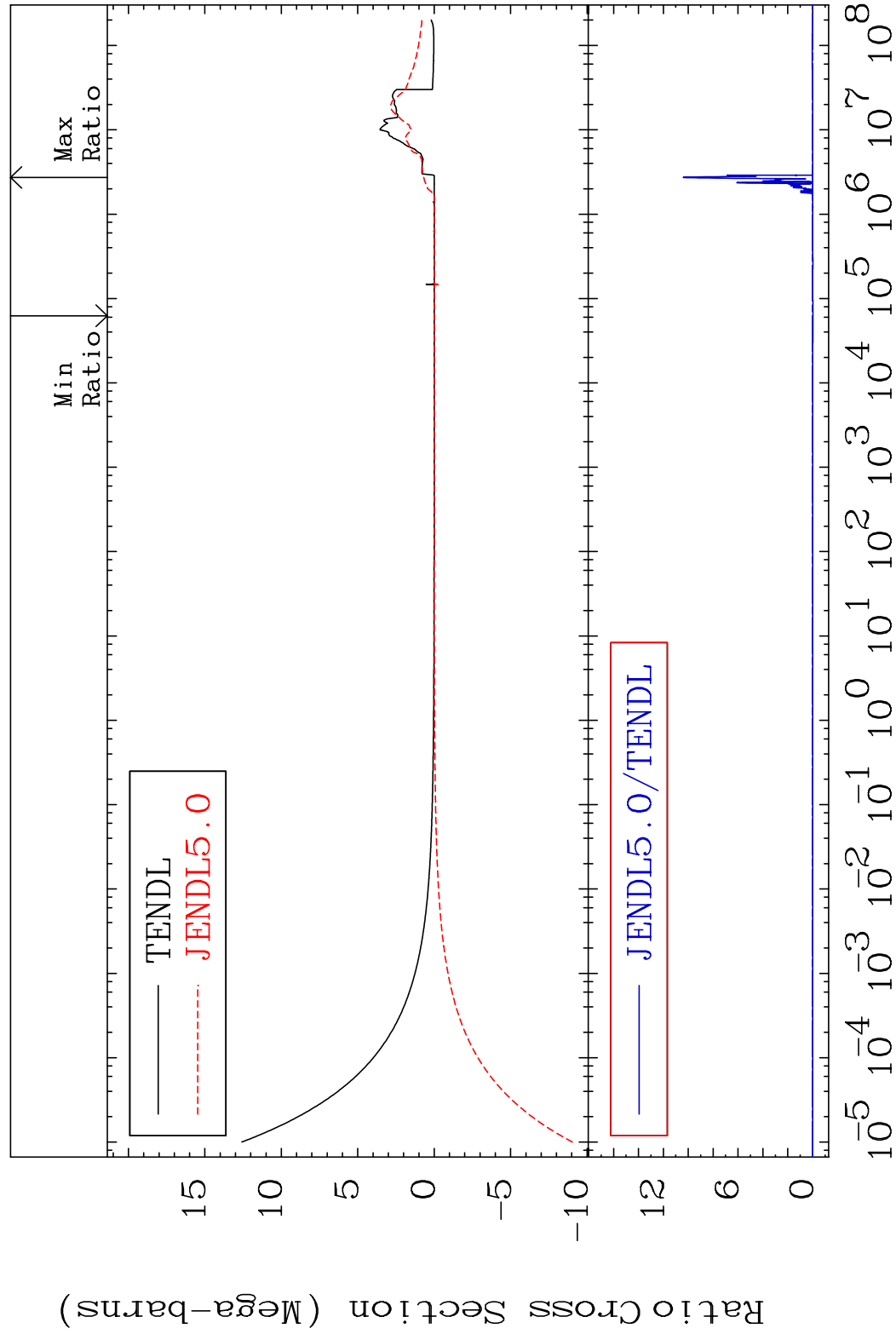


MAT 1025 Kerma fission (mt18 or mt19-20-21-38) 10-Ne-20
Cross Section -100.0 To 9999. %





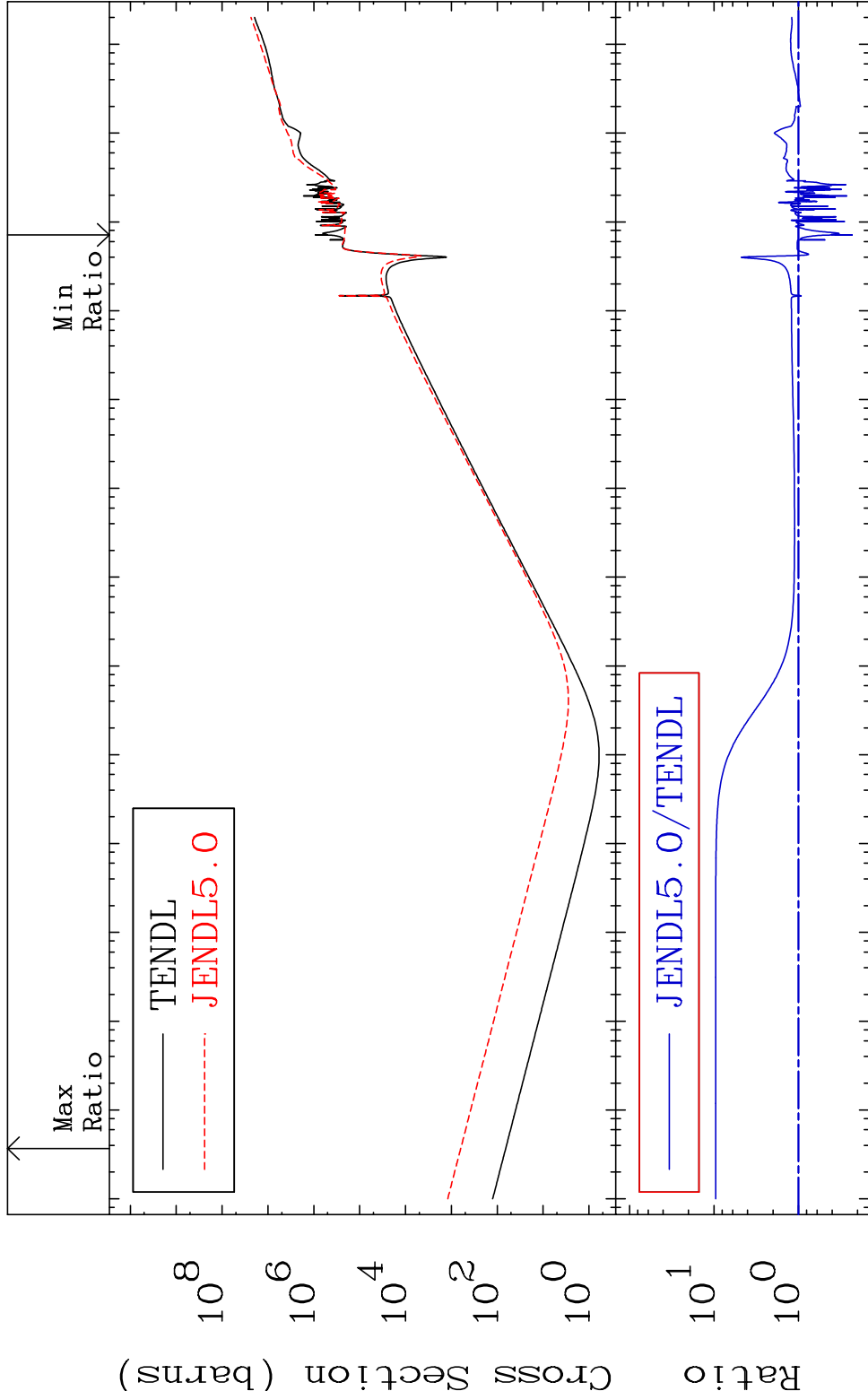
MAT 1025 Total photon (eV-barns) 10-Ne-20
Cross Section -1809. To 9999. %



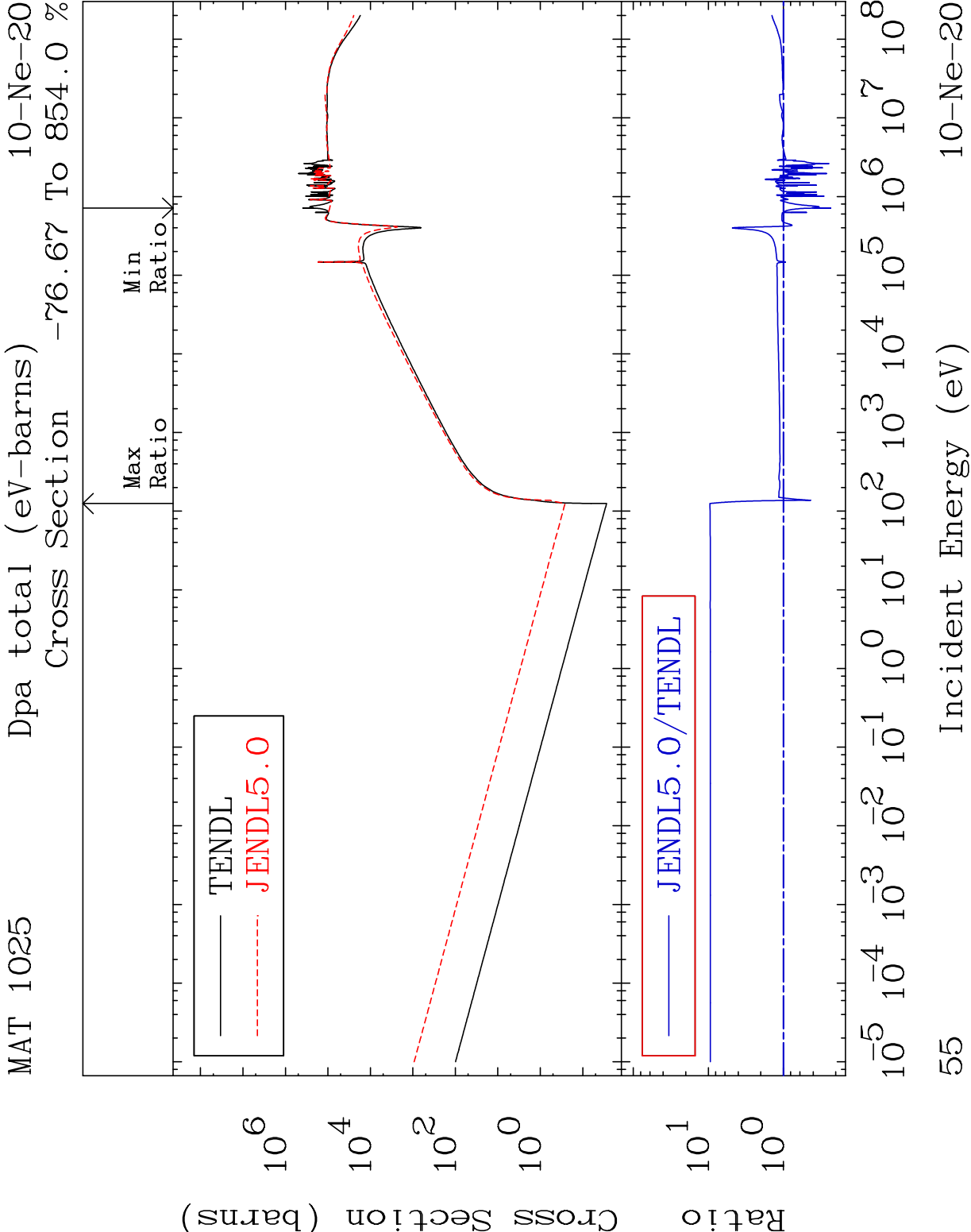
53

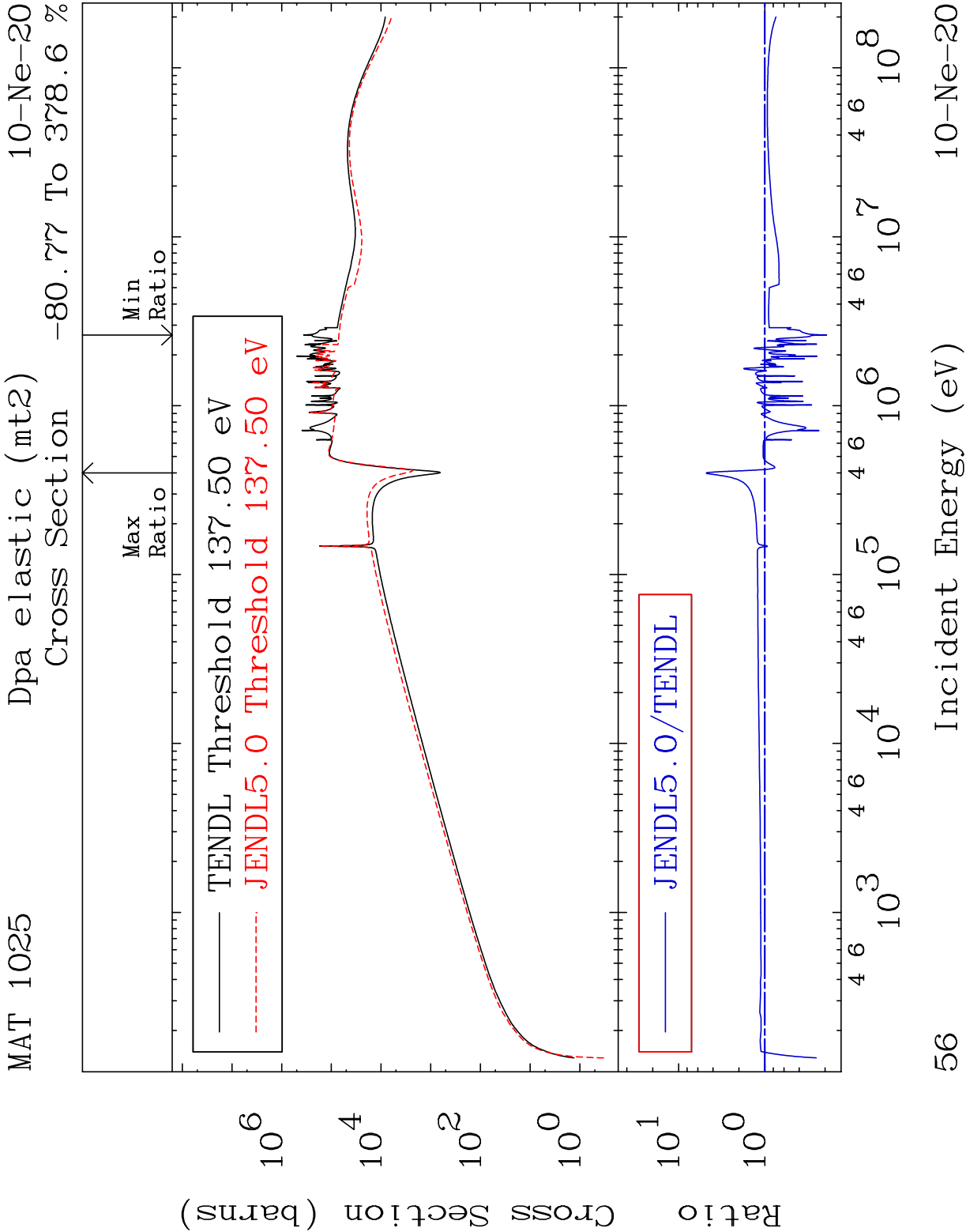
Incident Energy (eV) 10-Ne-20

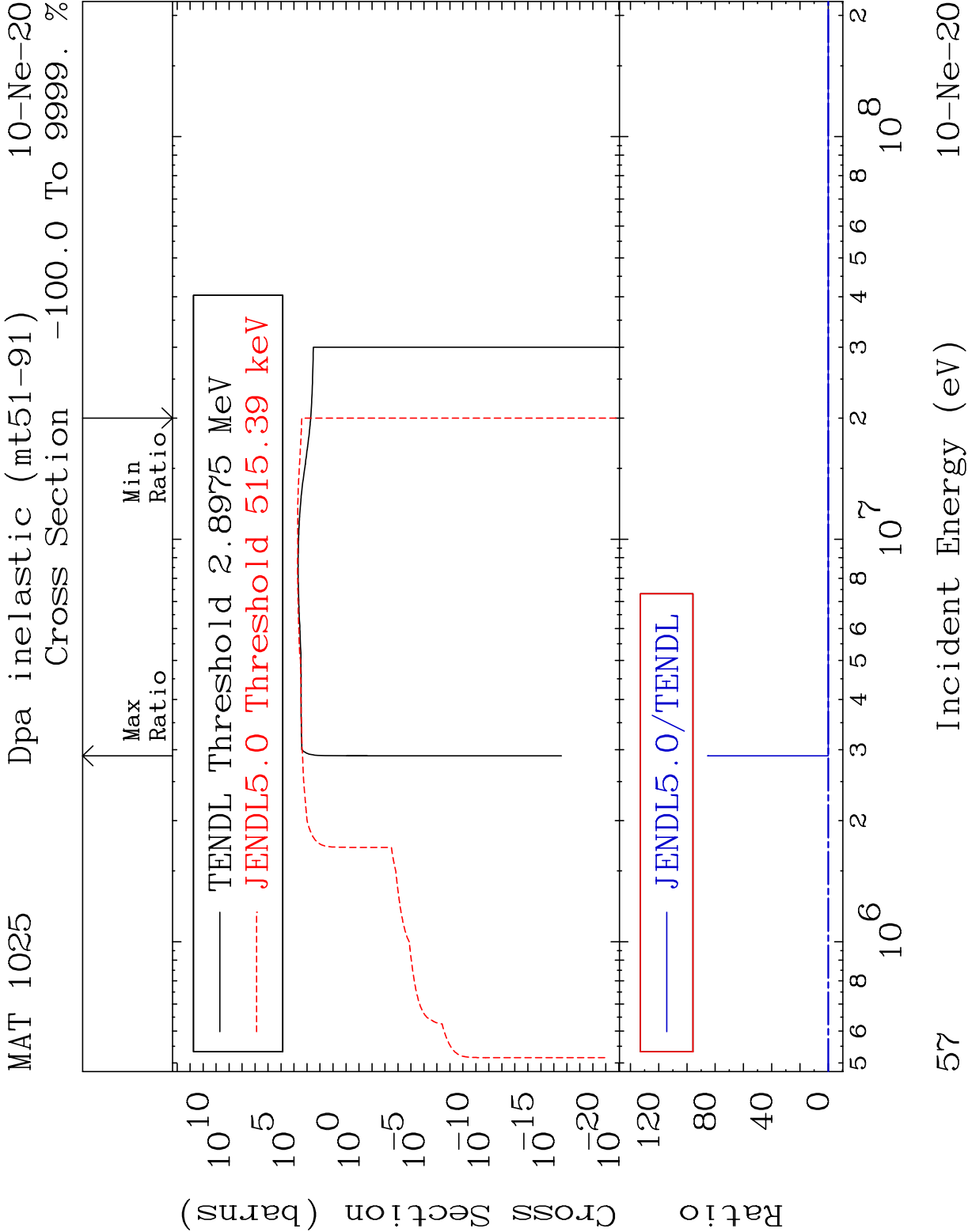
MAT 1025 Total kinematic kerma (high limit) 10-Ne-20
Cross Section -76.90 To 854.7 %



54 Incident Energy (eV) 10-Ne-20

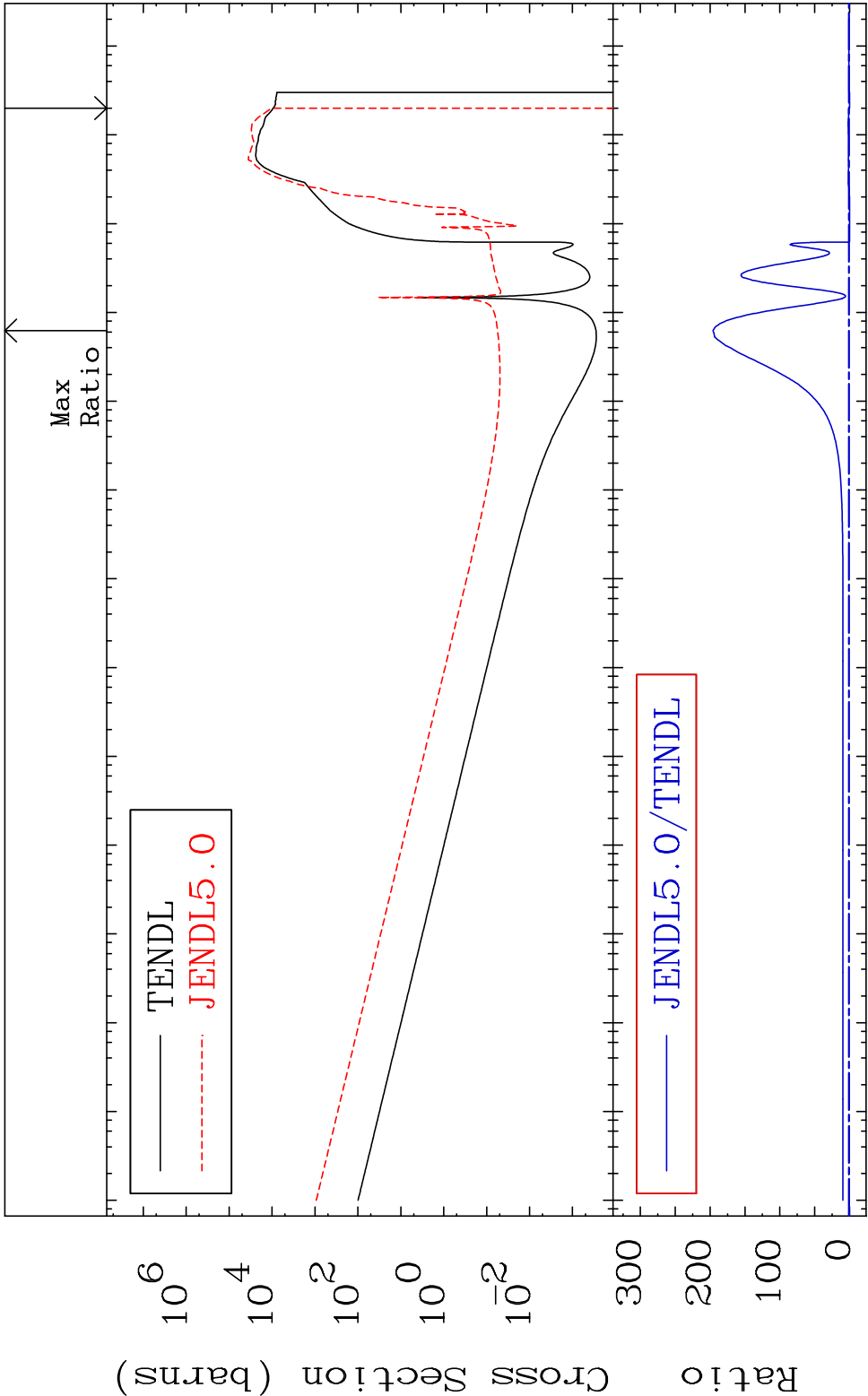




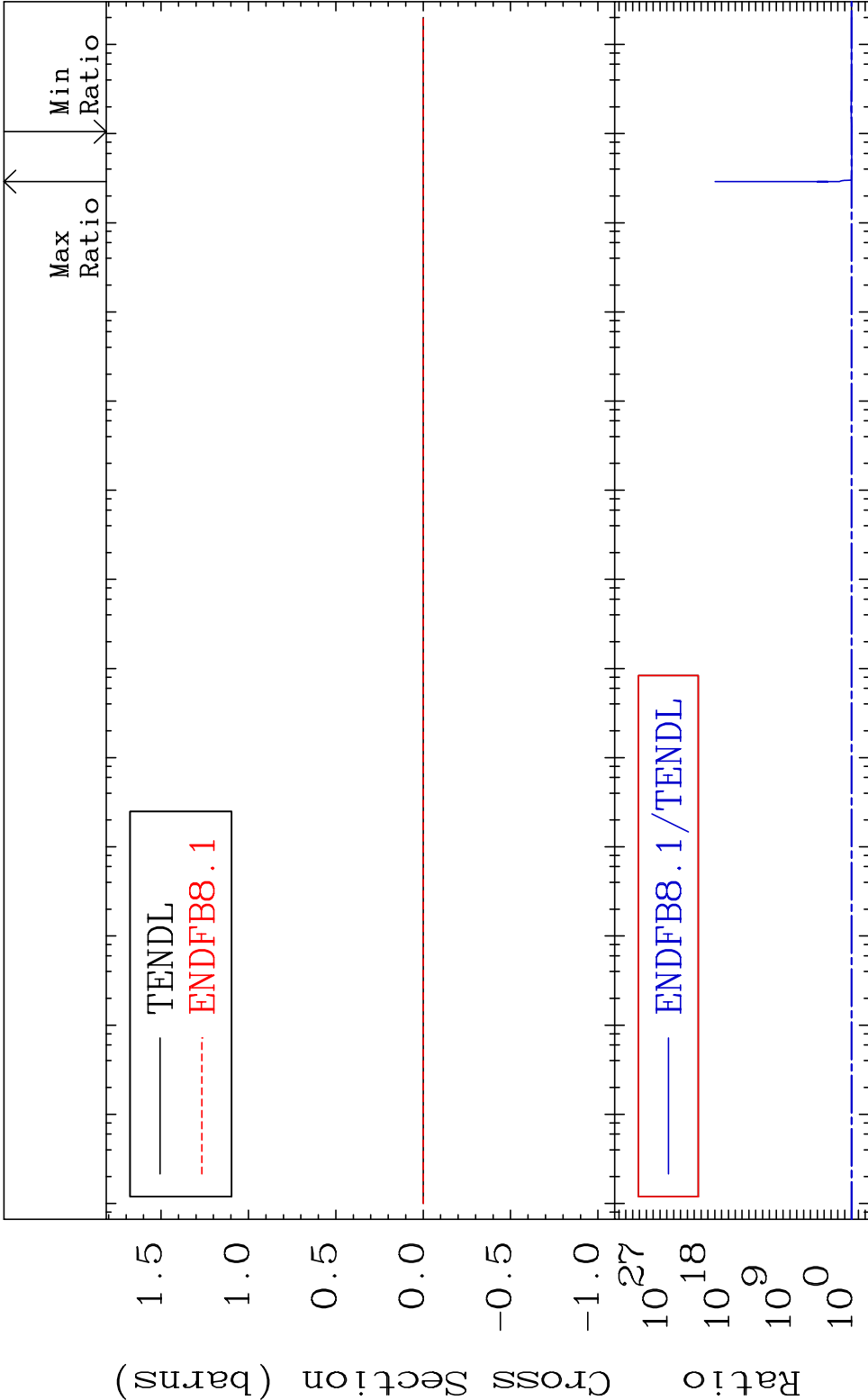


MAT 1025 Dpa disappearance (mt102 -120) 10-Ne-20

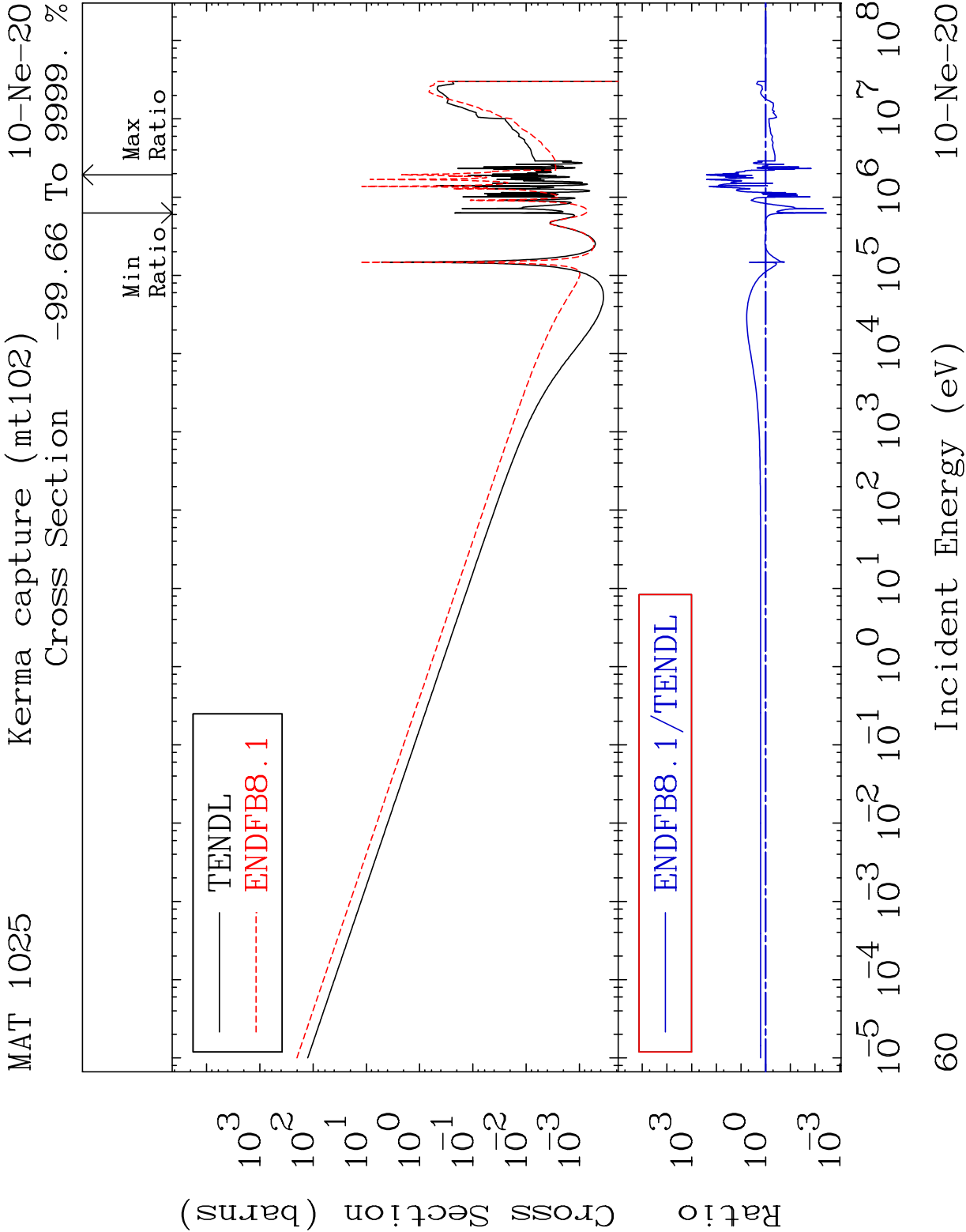
Cross Section -100.0 To 9999. %

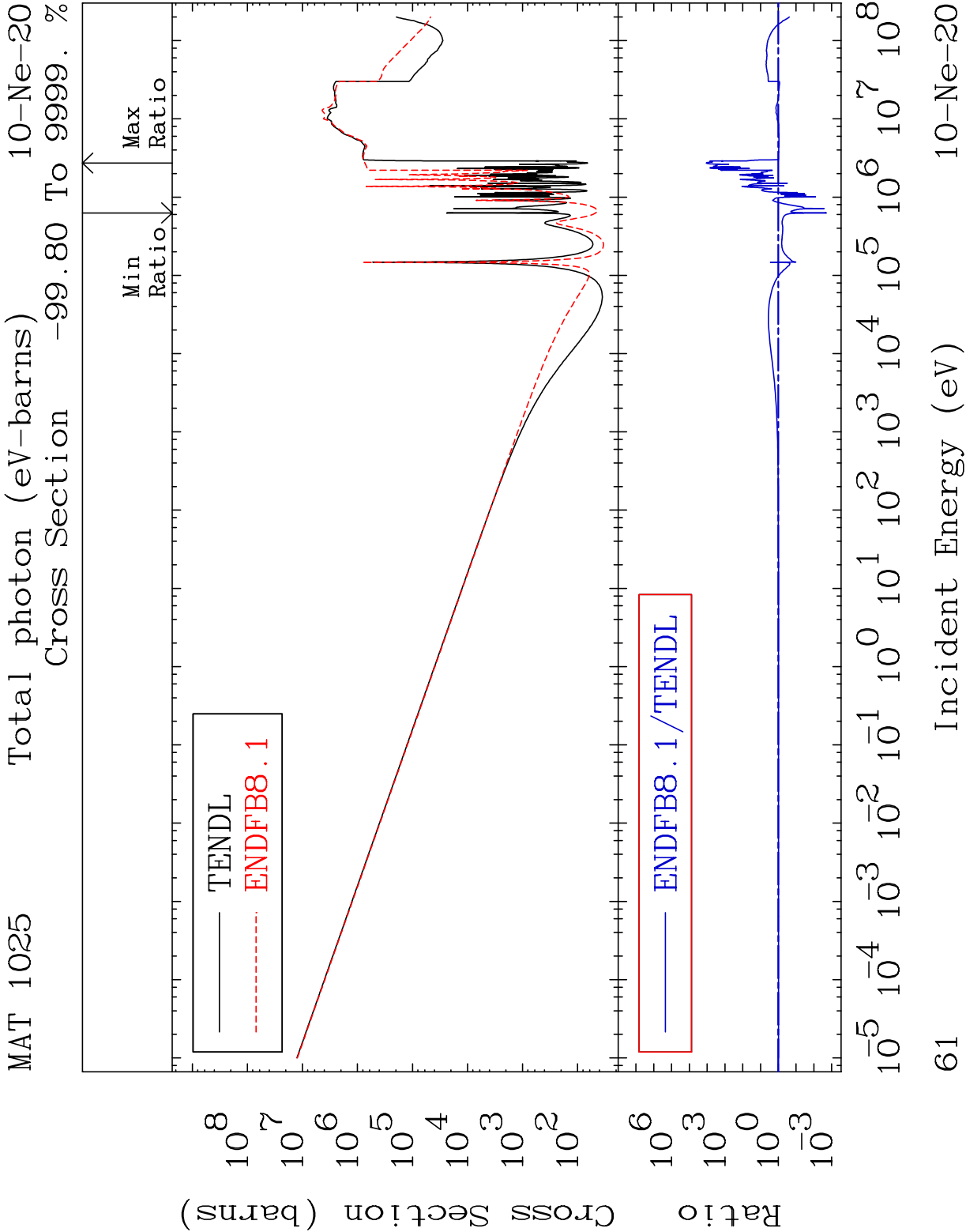


MAT 1025 Kerma fission (mt18 or mt19-20-21-38) 10-Ne-20
Cross Section -19.63 To 9999. %

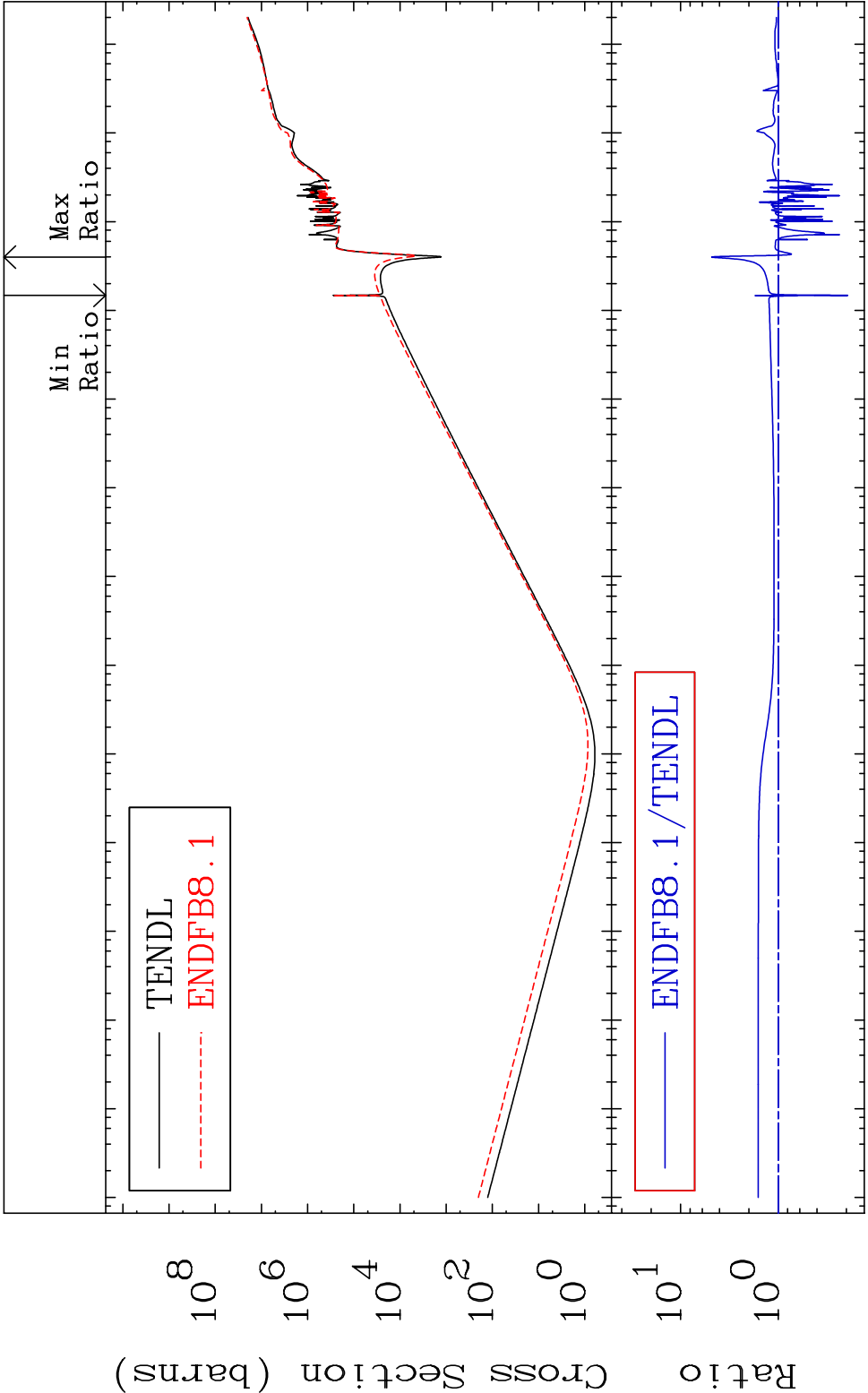


59 Incident Energy (eV) 10-Ne-20

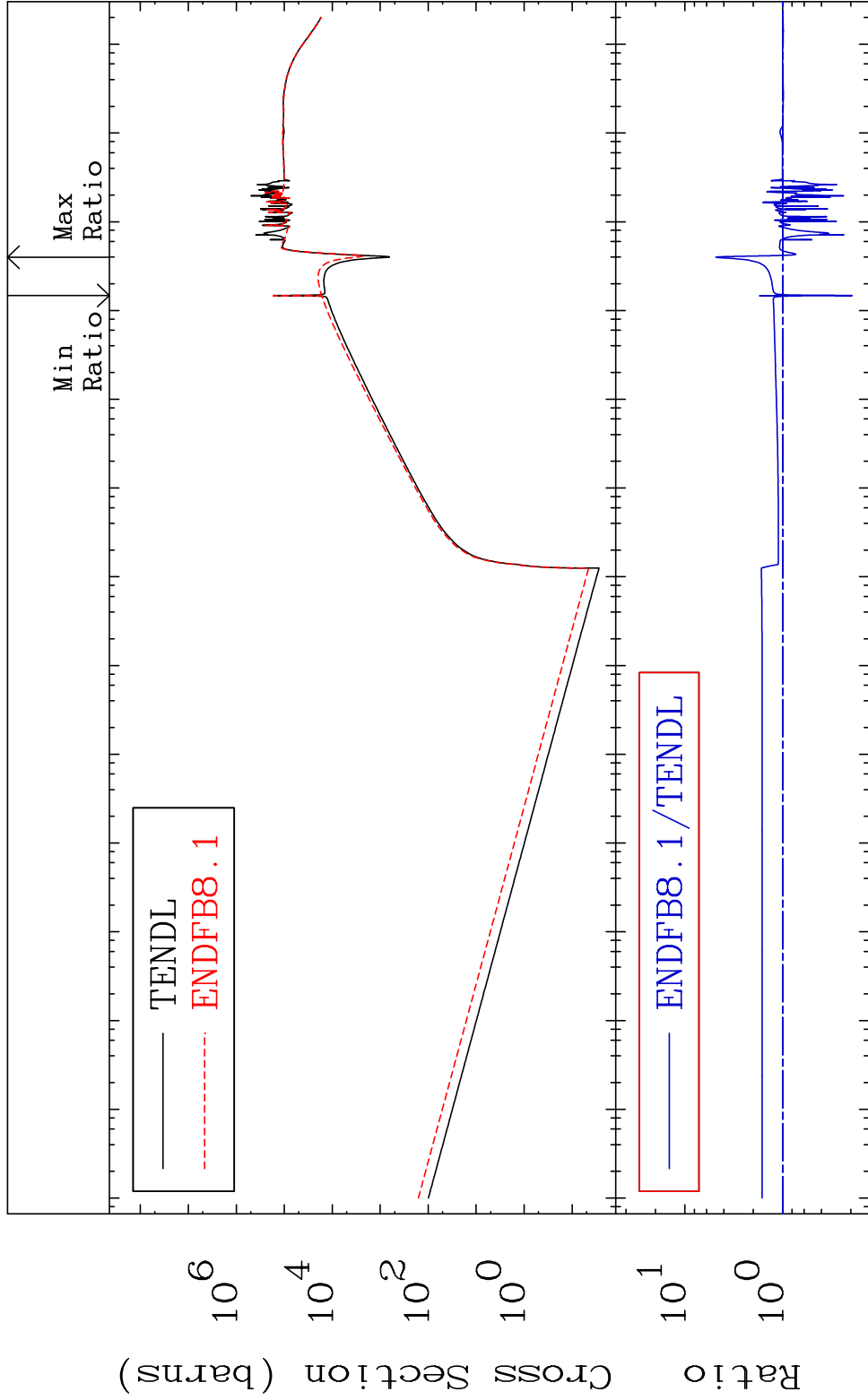




MAT 1025 Total kinematic kerma (high limit) 10-Ne-20
Cross Section -80.63 To 383.9 %



MAT 1025 Dpa total (eV-barns) 10-Ne-20
Cross Section -80.63 To 383.9 %



Ratio

10⁶

10⁴

10²

10⁰

10⁻¹

10⁻²

10⁻³

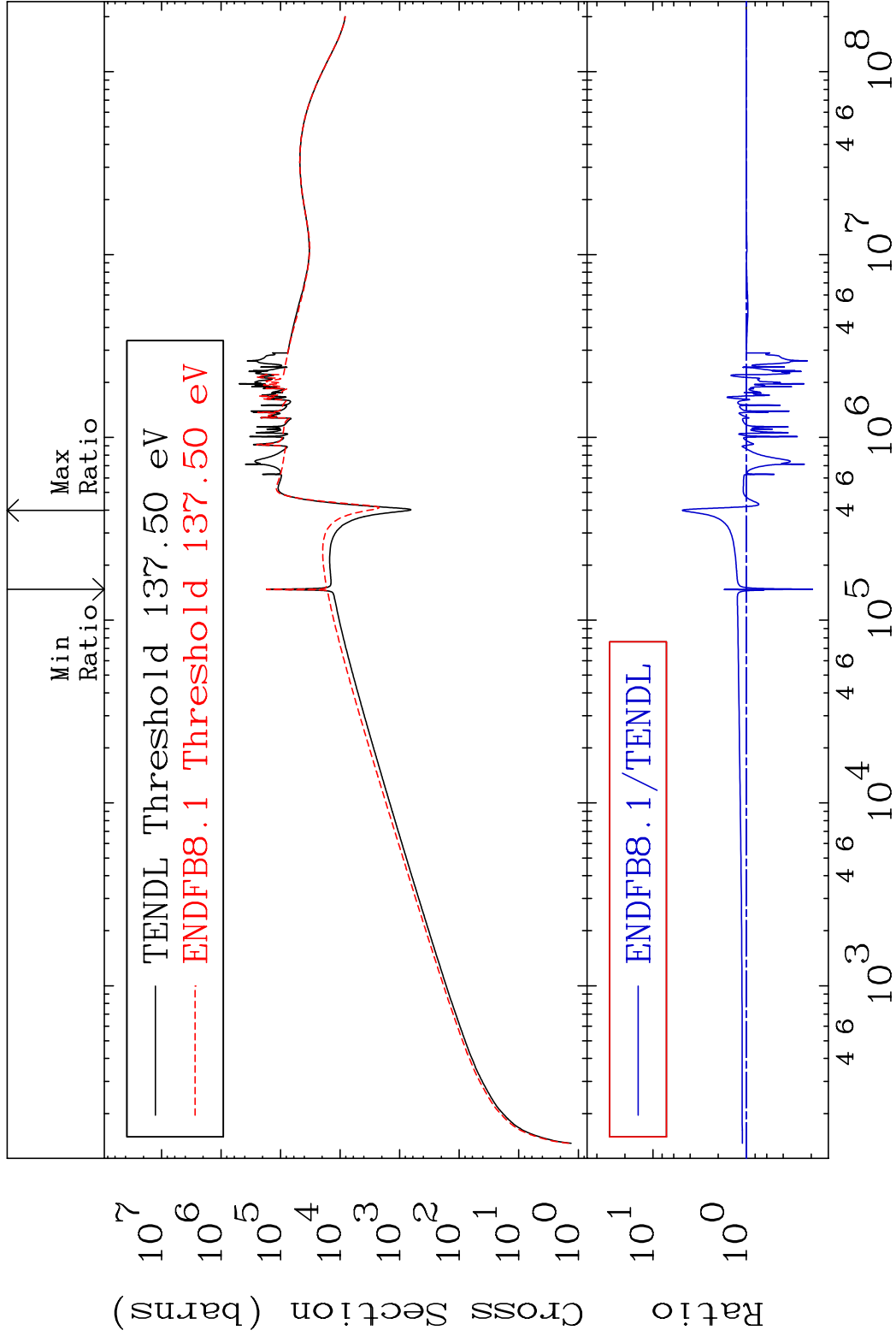
10⁻⁴

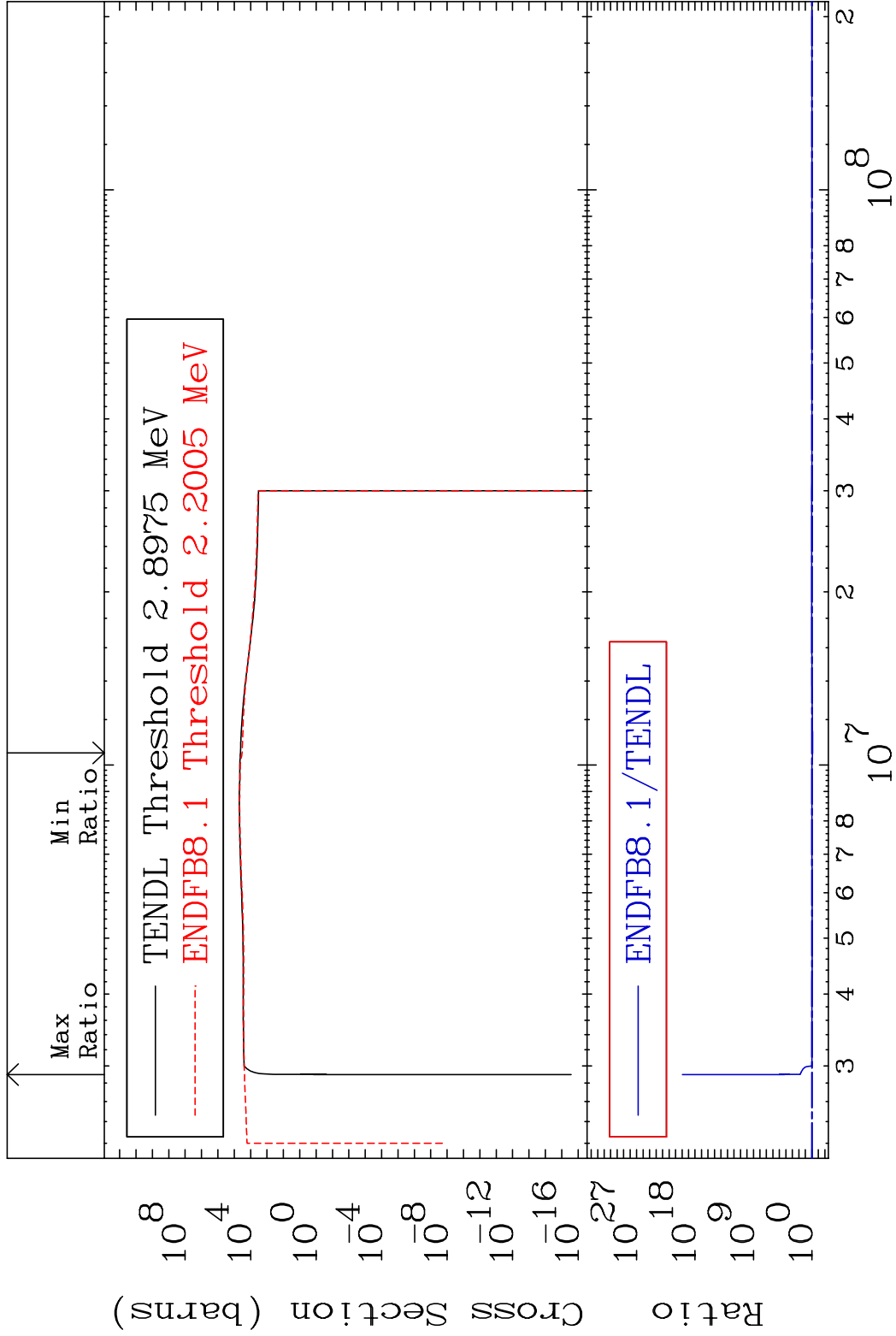
10⁻⁵

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

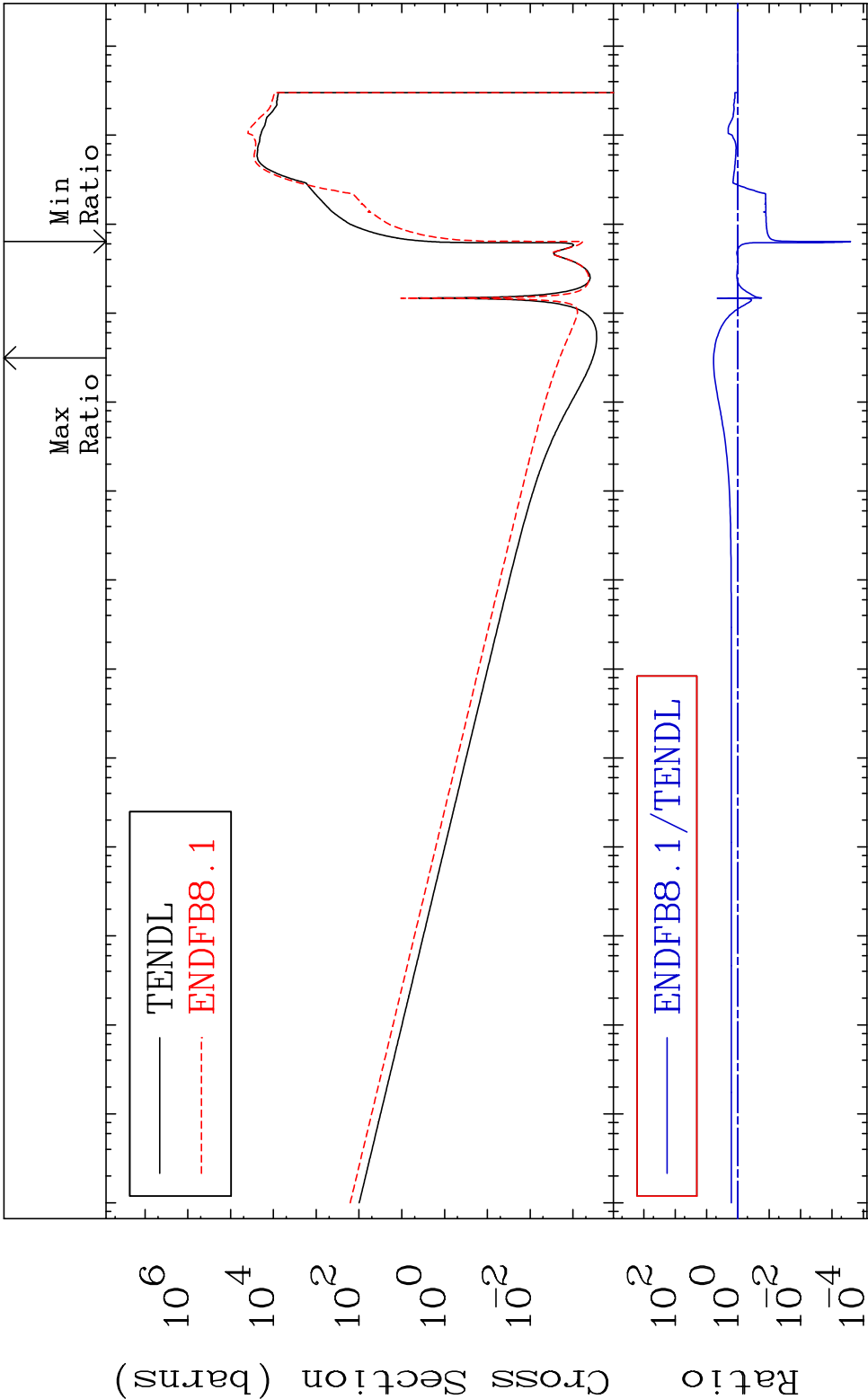
63 Incident Energy (eV) 10-Ne-20

MAT 1025 Dpa elastic (mt2) 10-Ne-20
 Cross Section -80.63 To 383.9 %





MAT 1025 Dpa disappearance (mt102 -120) 10-Ne-20
Cross Section -99.97 To 498.7 %



66 Incident Energy (eV) 10-Ne-20