

Program Complot
(Version 2021-1)

by

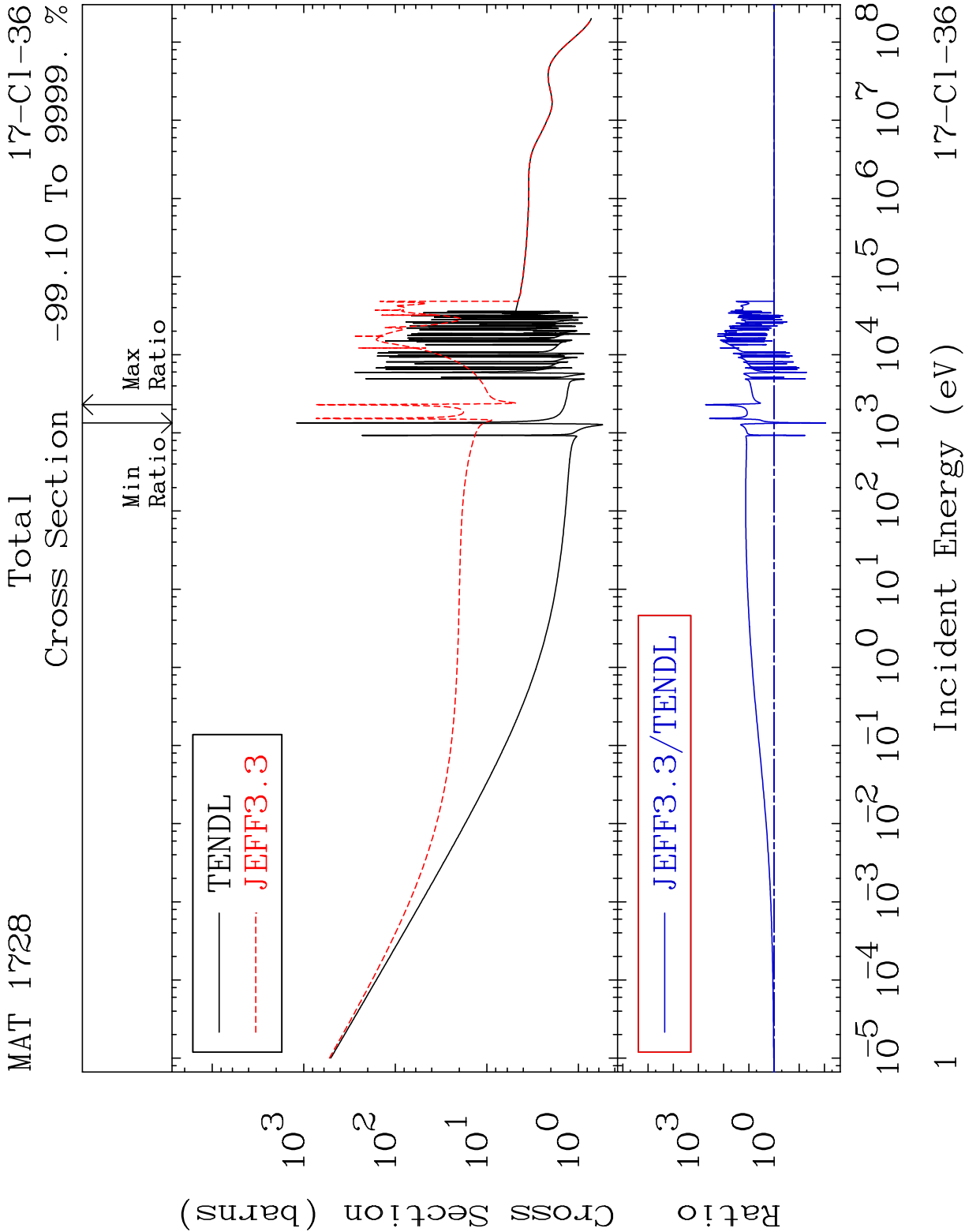
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

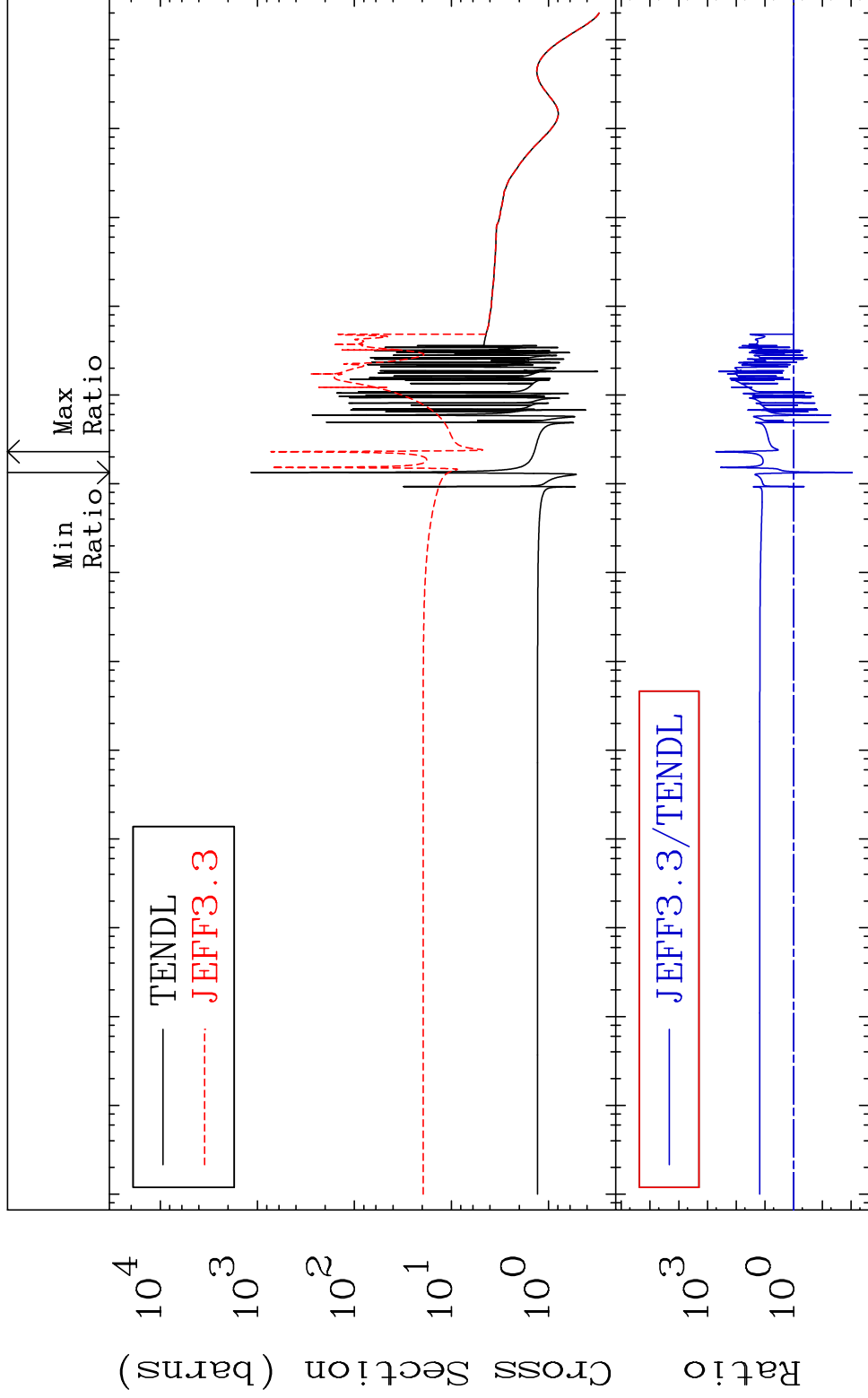


MAT 1728

Elastic

17-Cl-36

Cross Section -99.08 To 9999. %

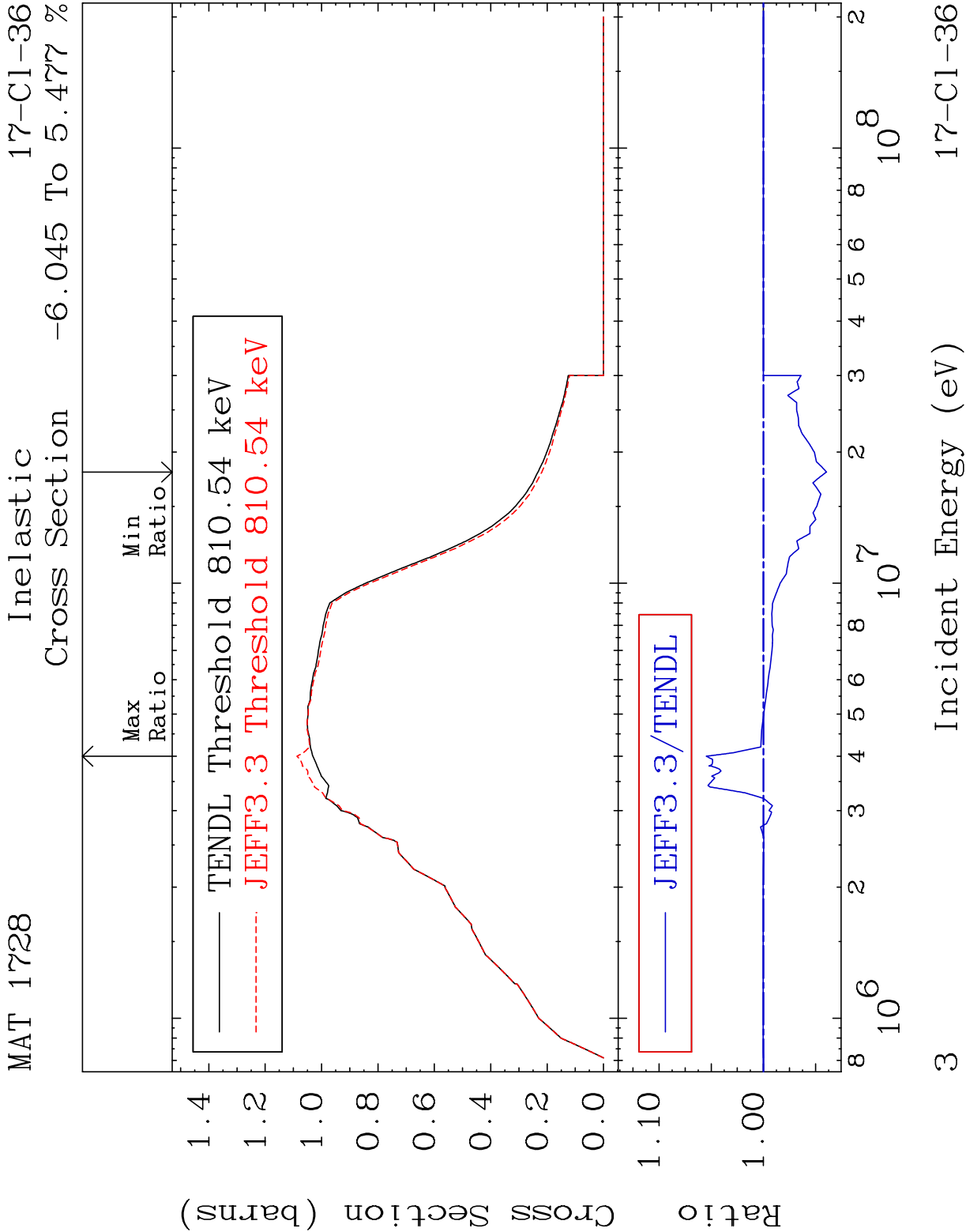


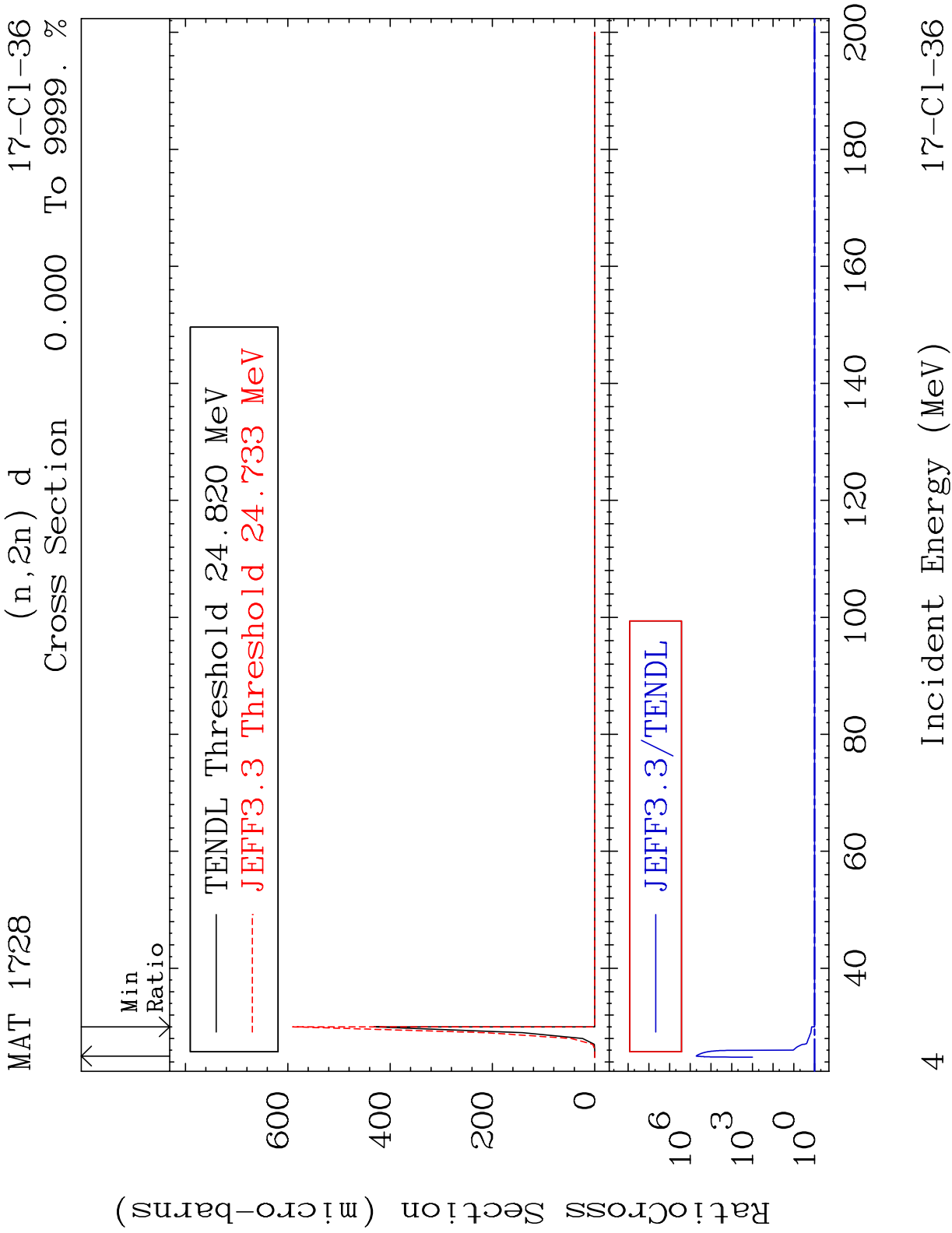
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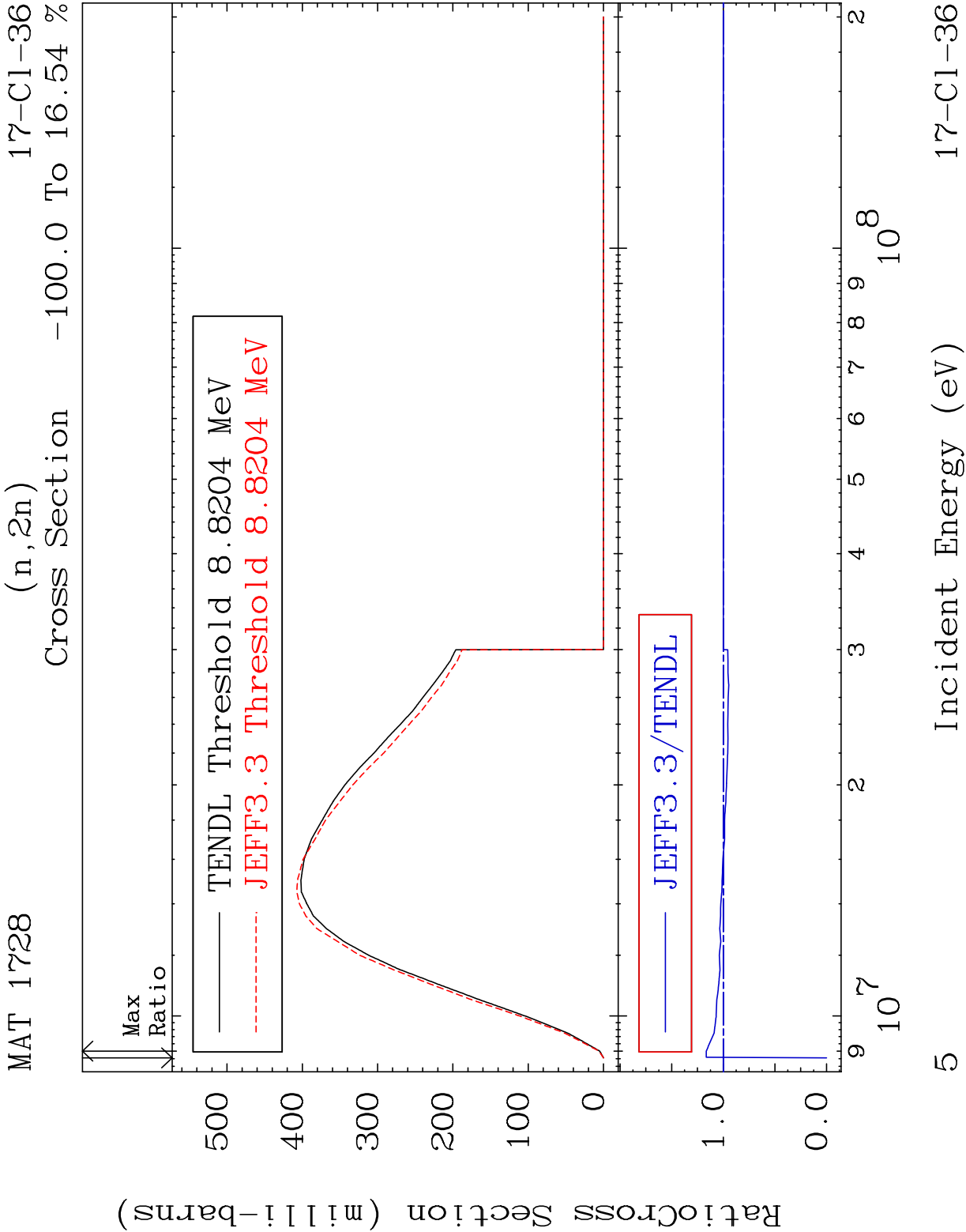
2

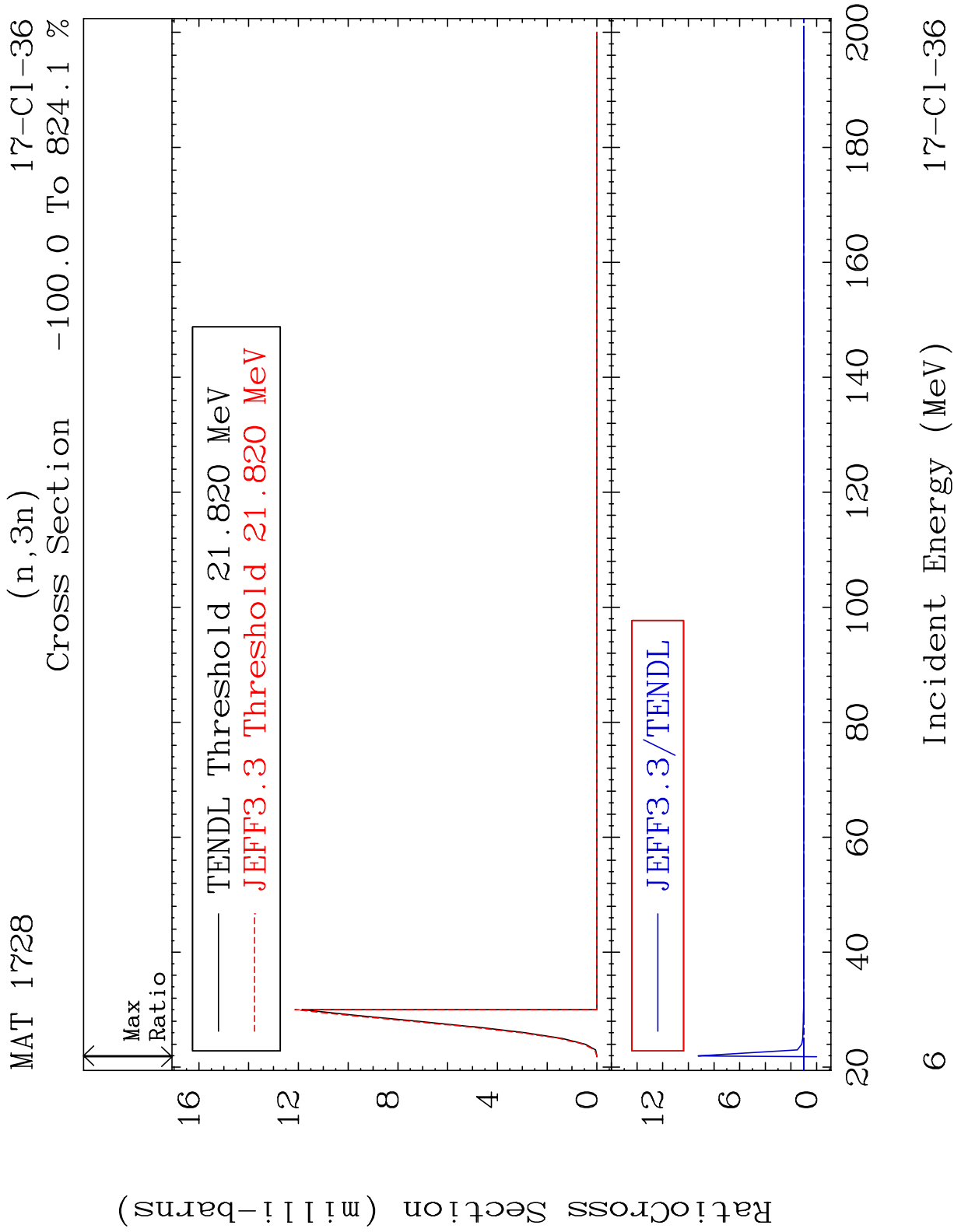
Incident Energy (eV)

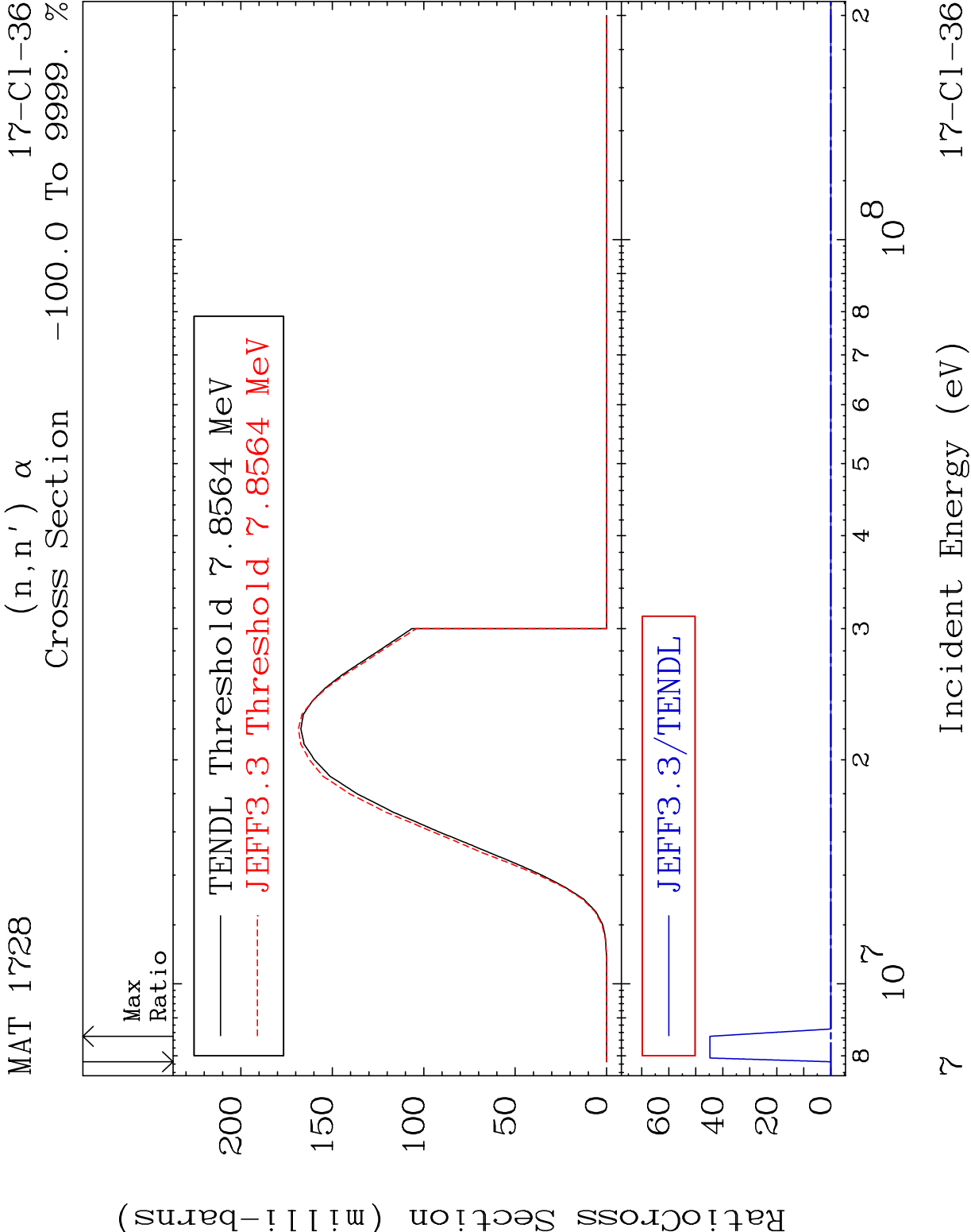
17-Cl-36

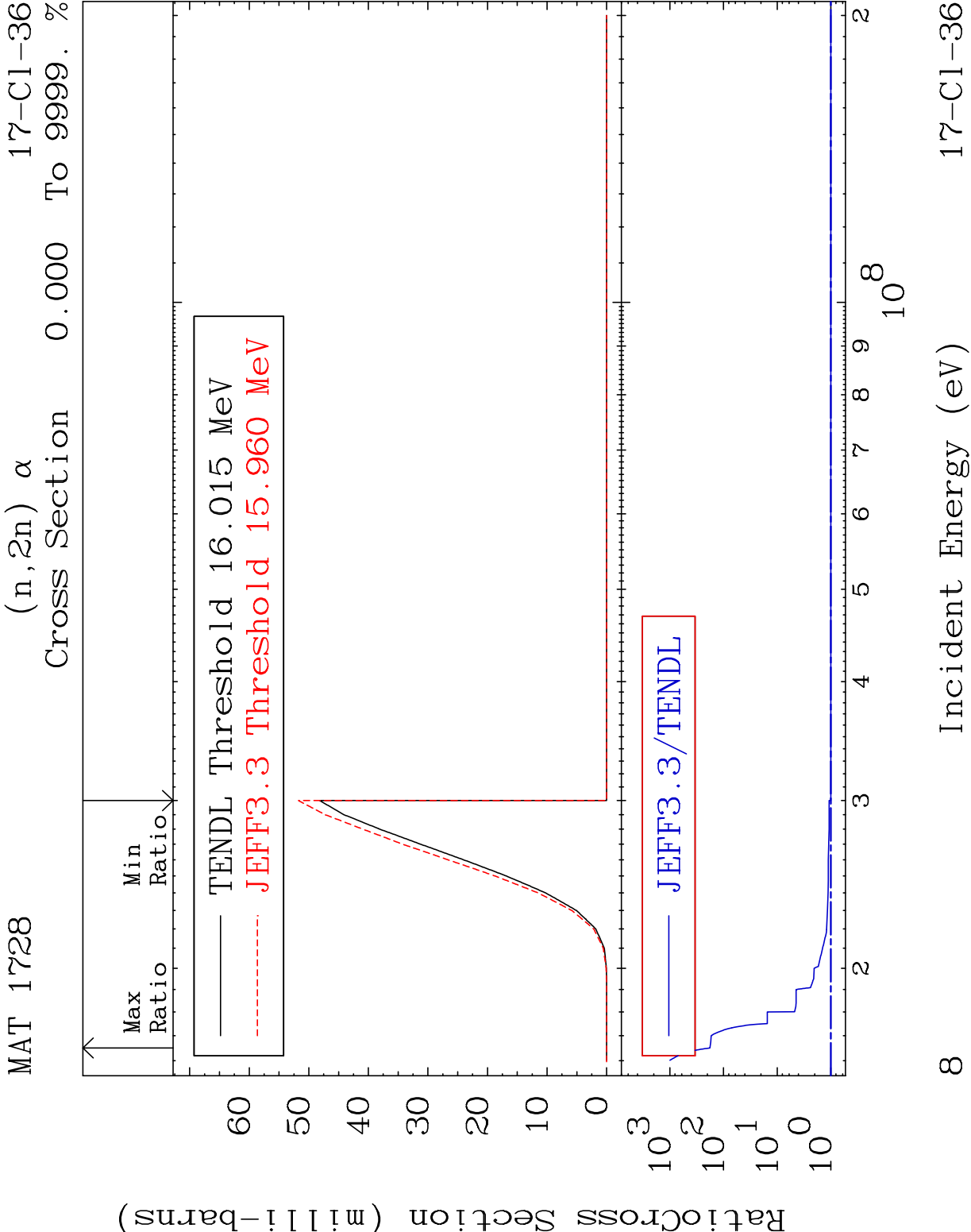


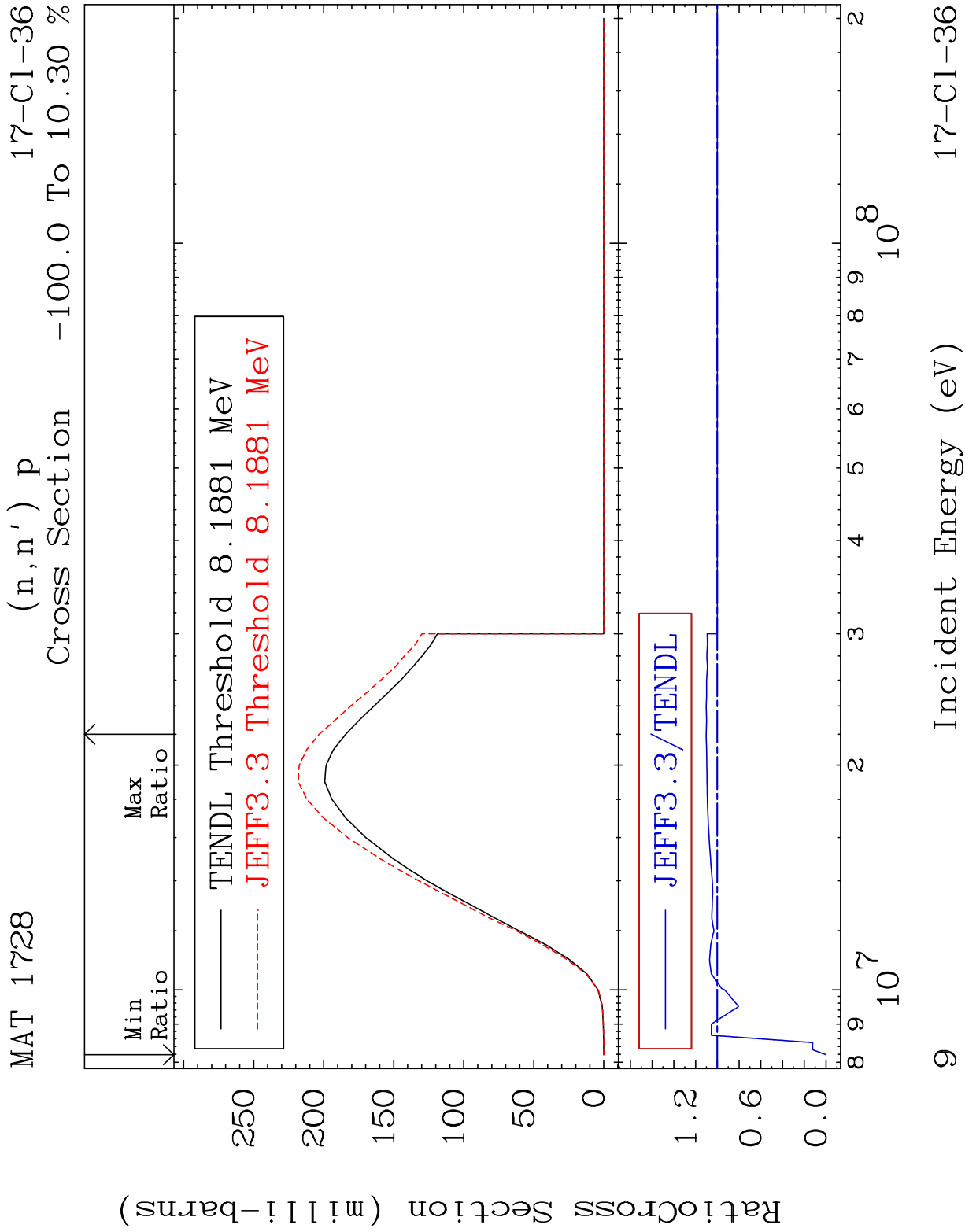


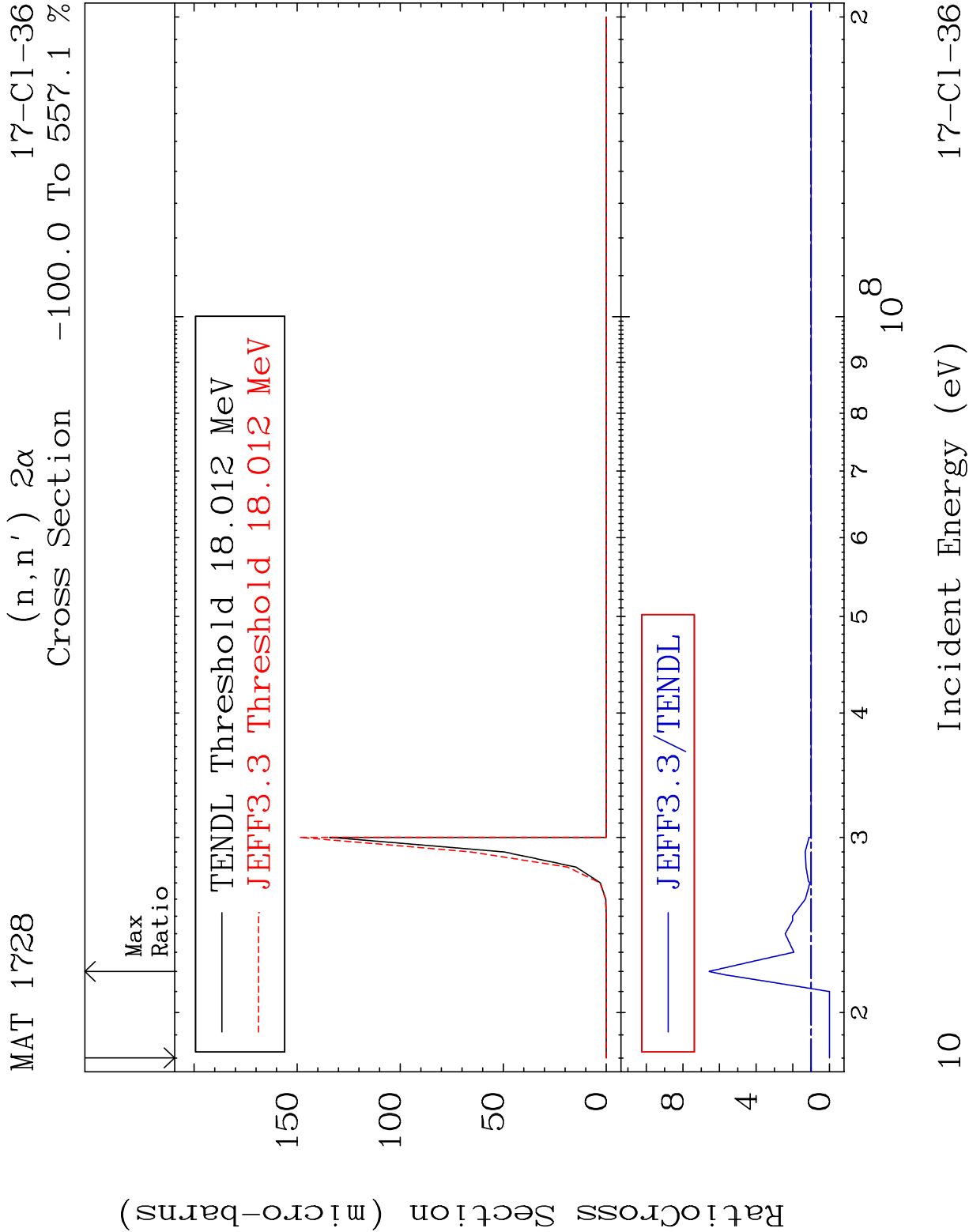


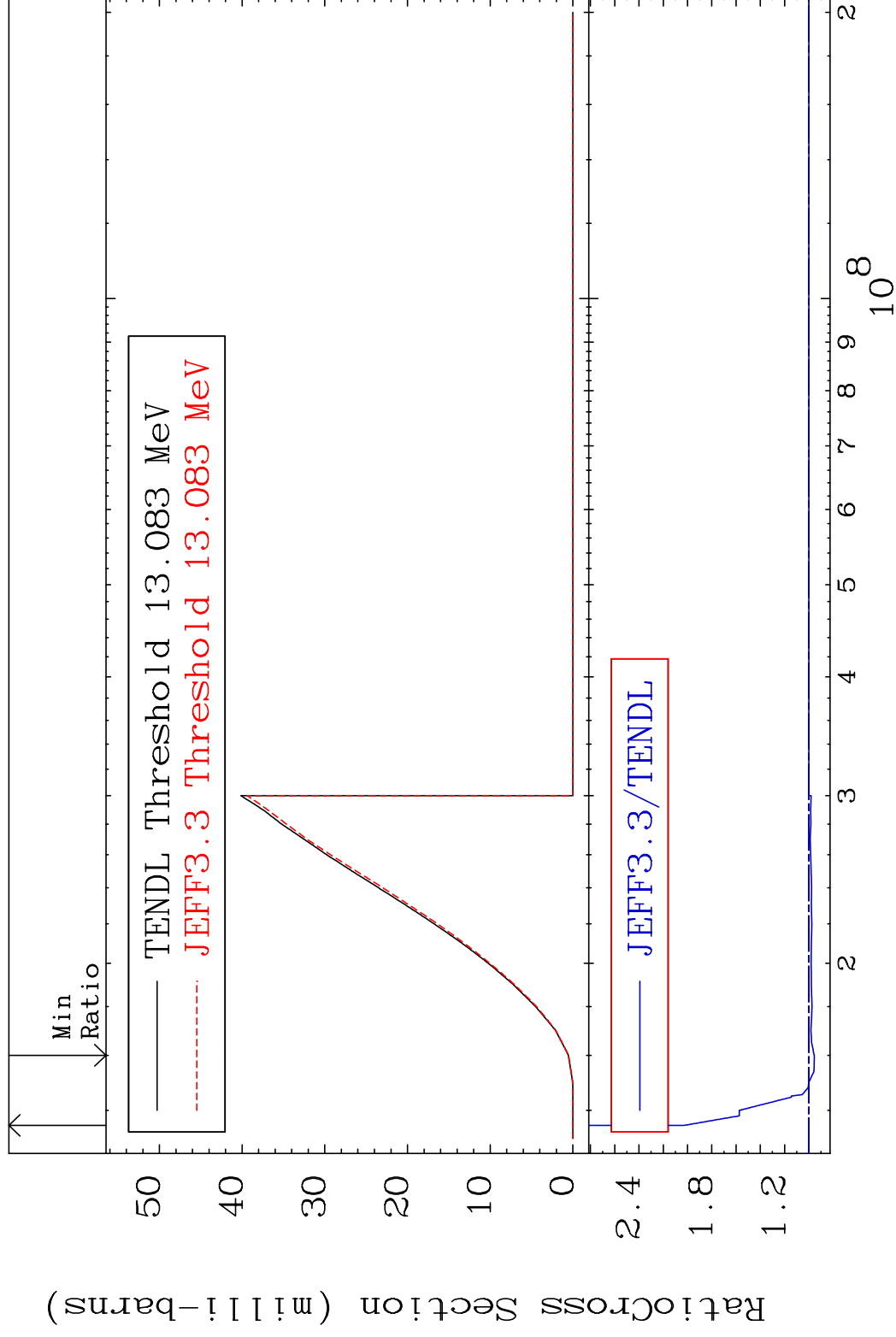


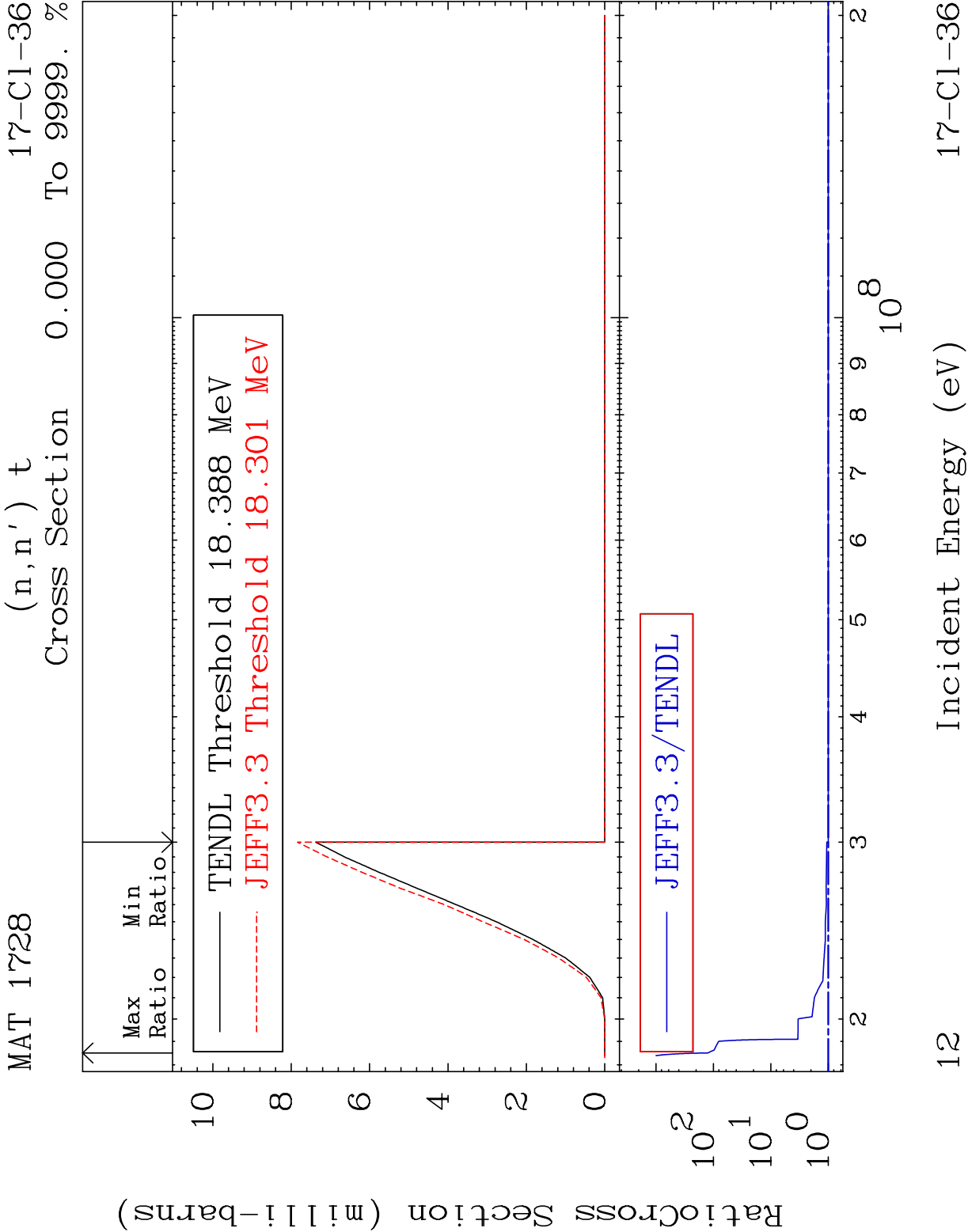


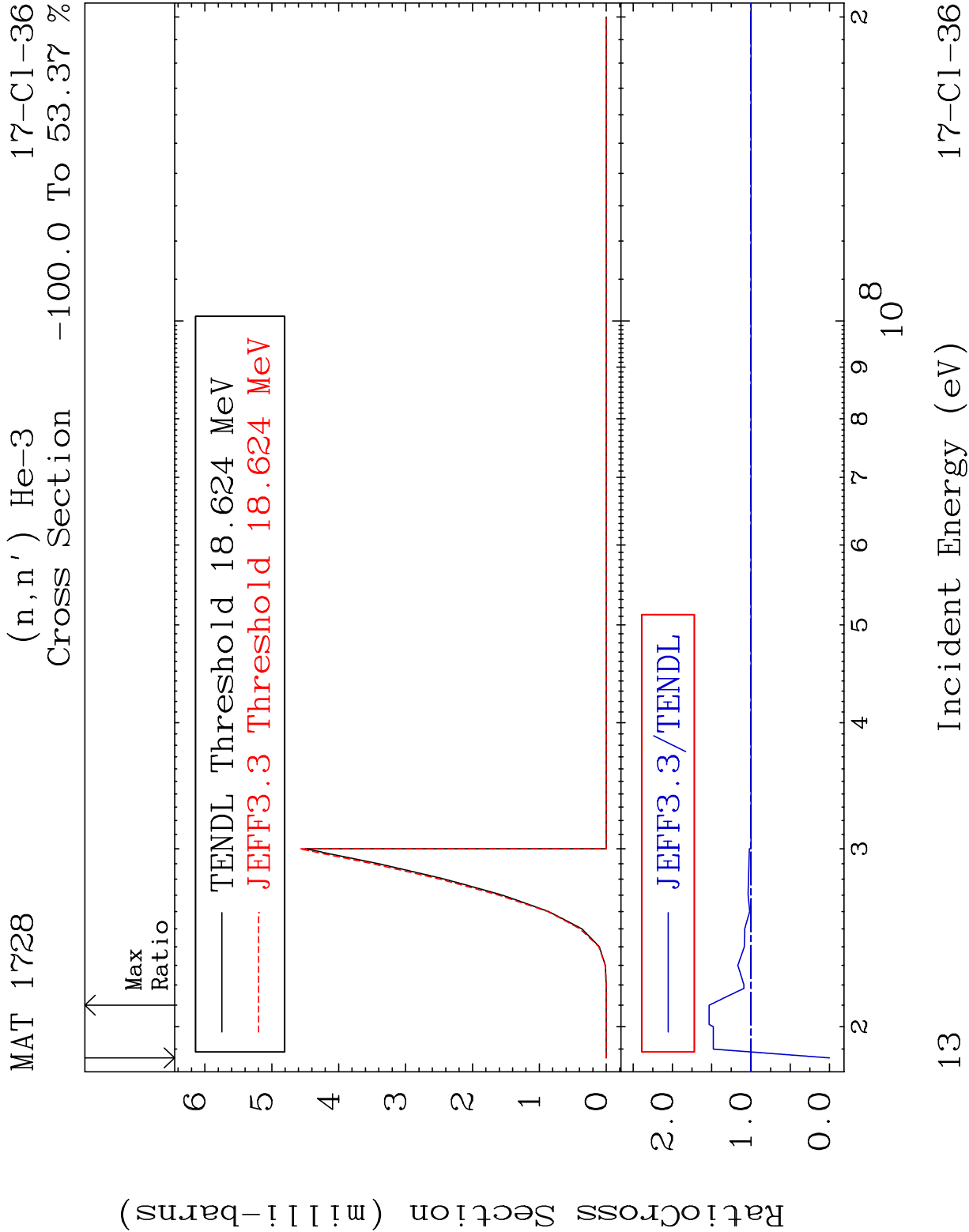


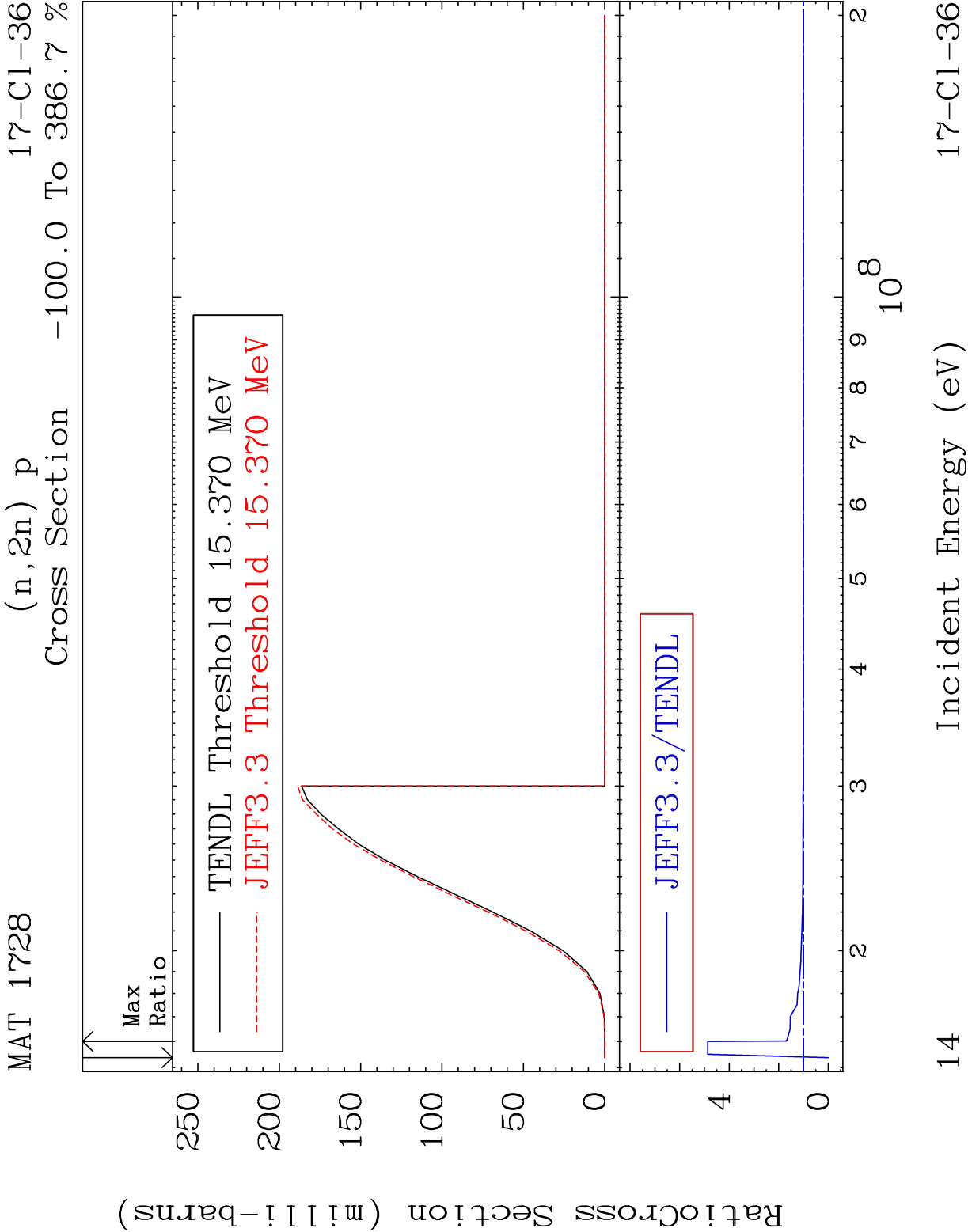




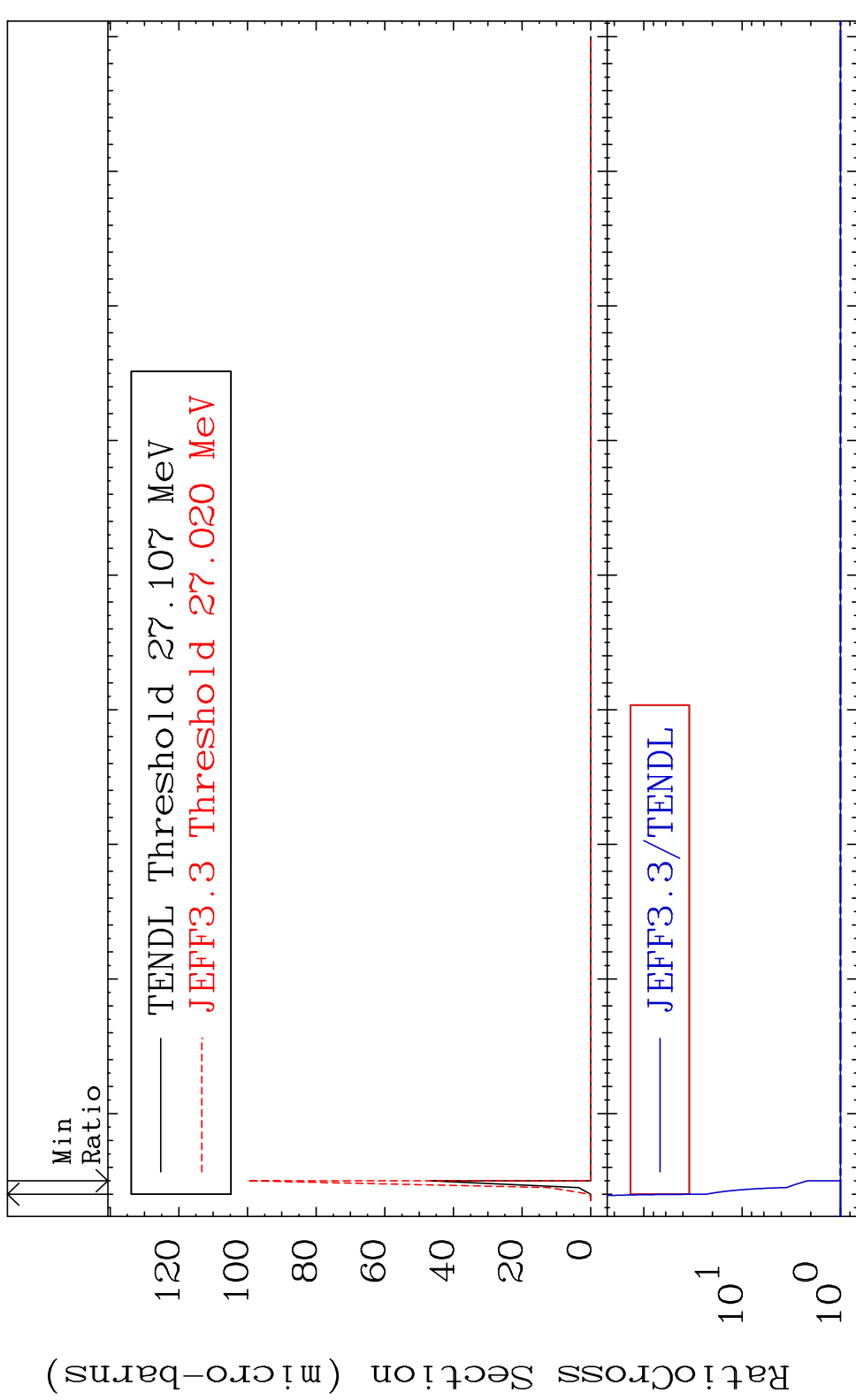


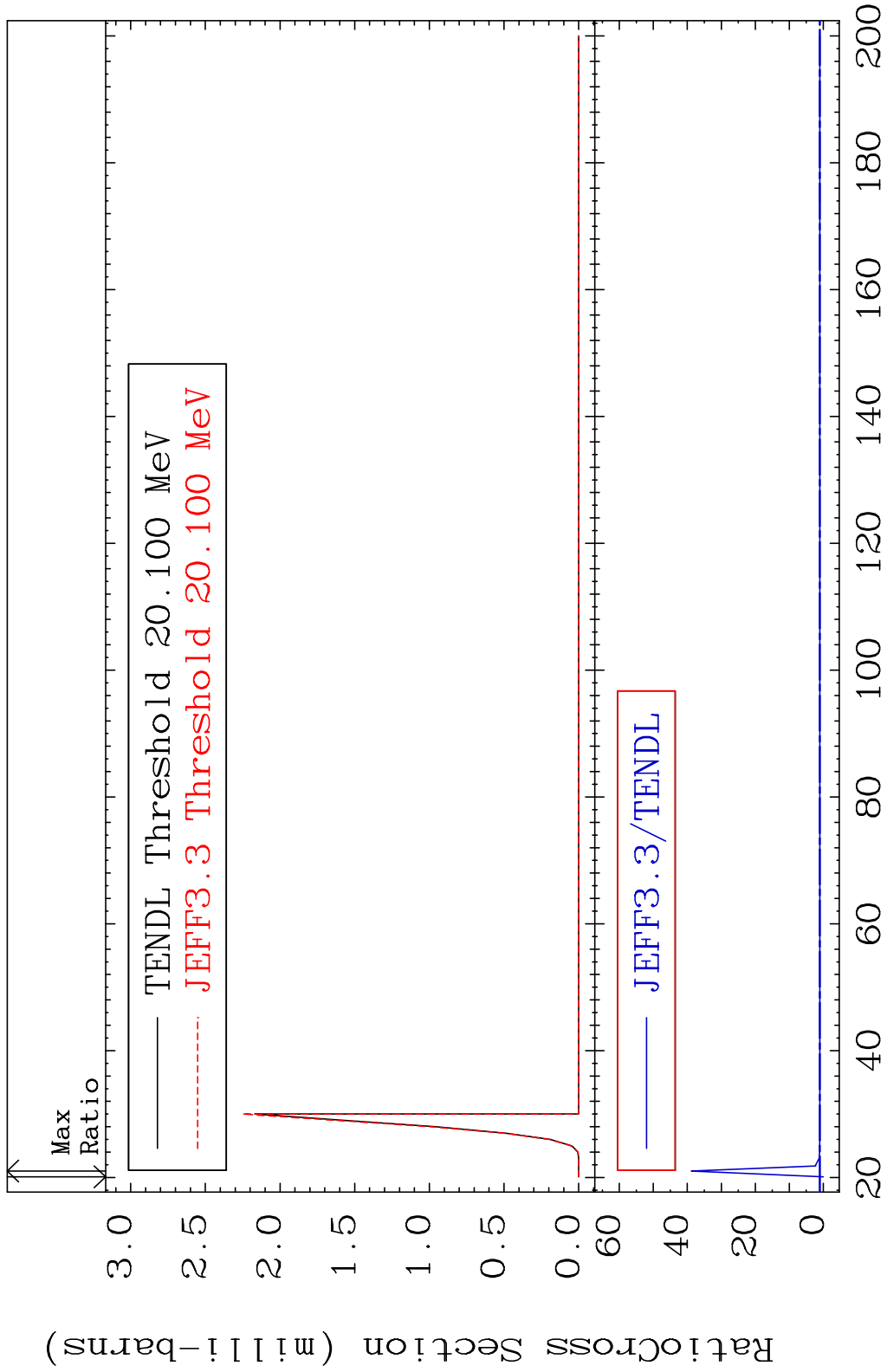






MAT 1728 (n,3n) p 17-Cl-36
Cross Section 0.000 To 2243. %



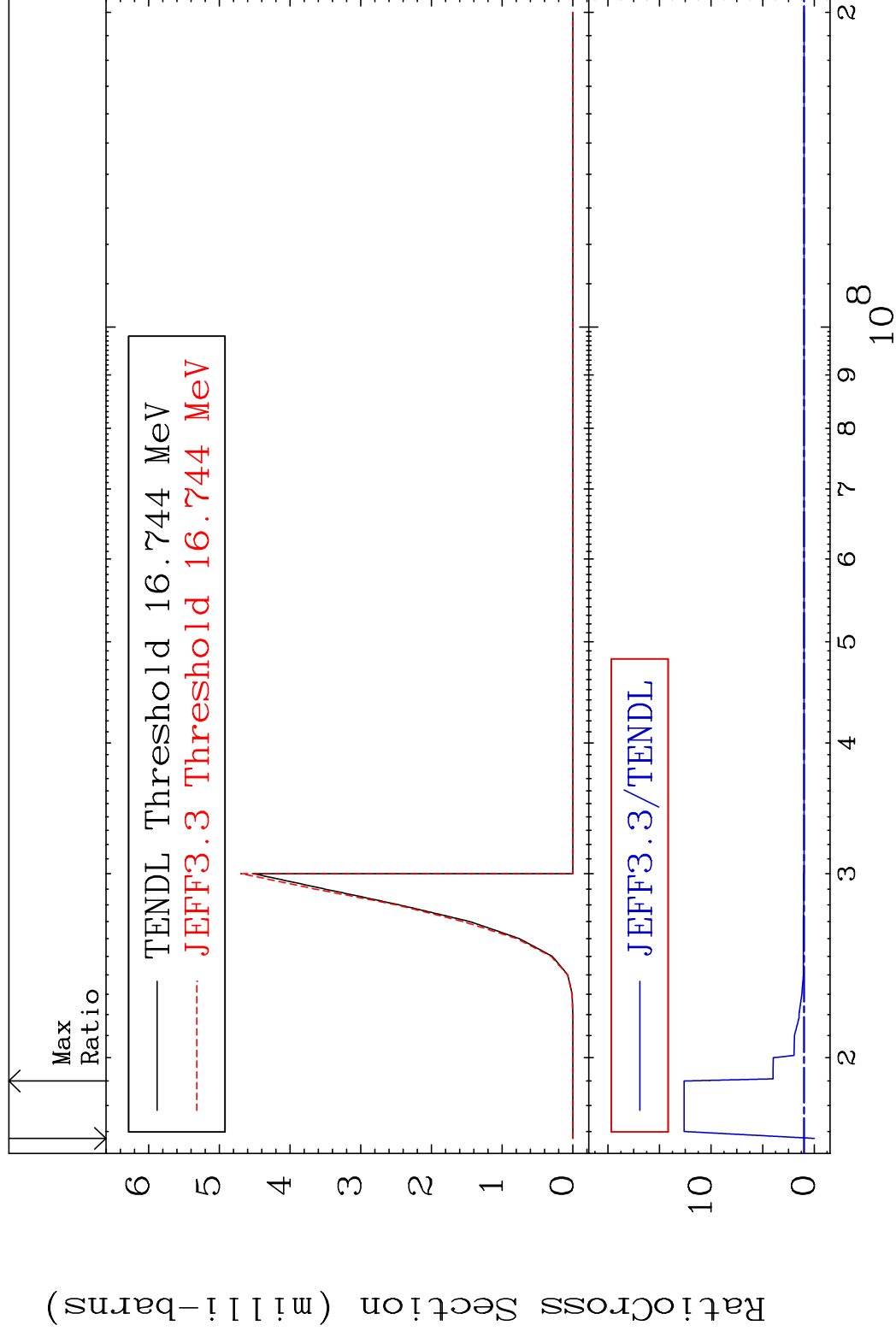


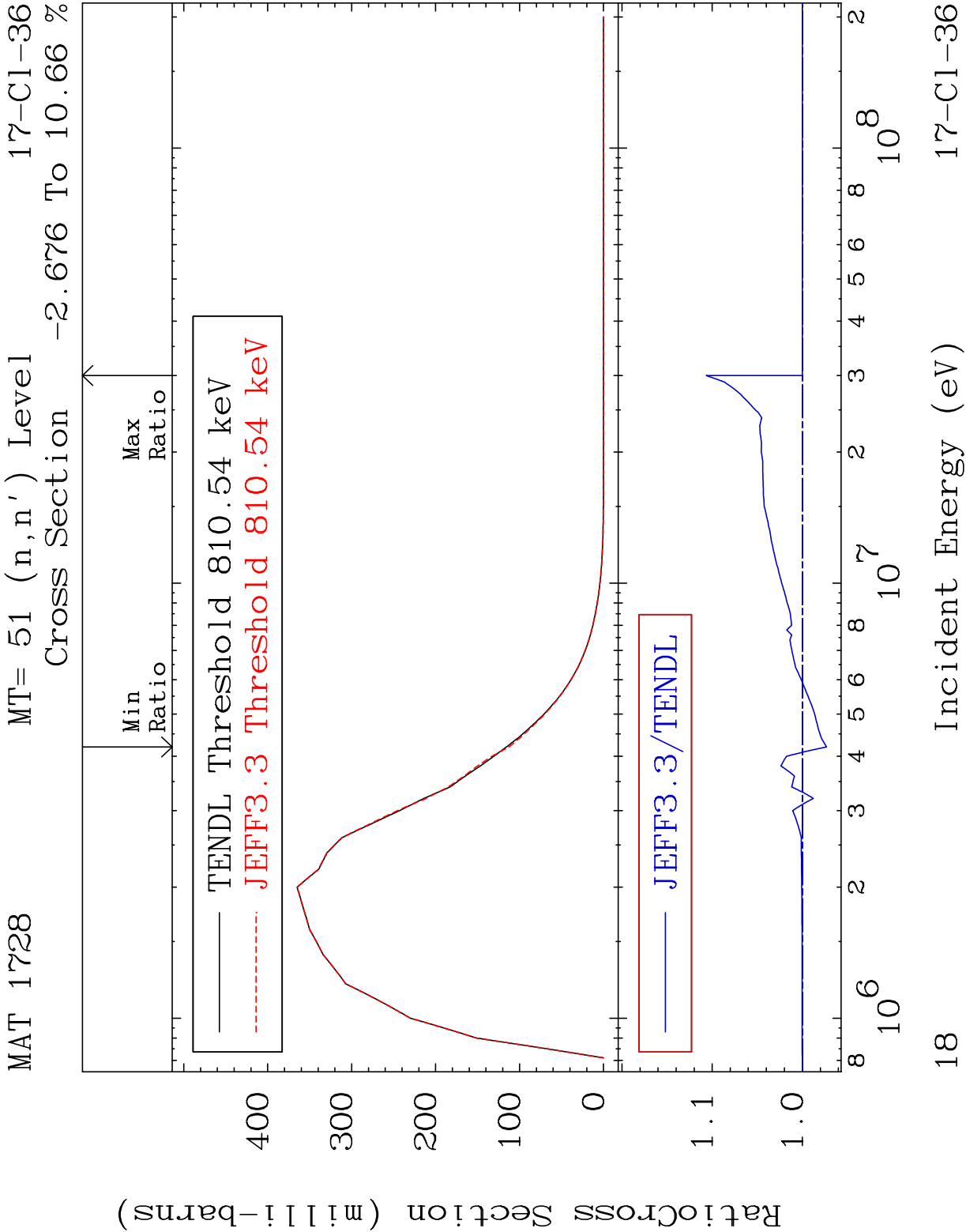
MAT 1728

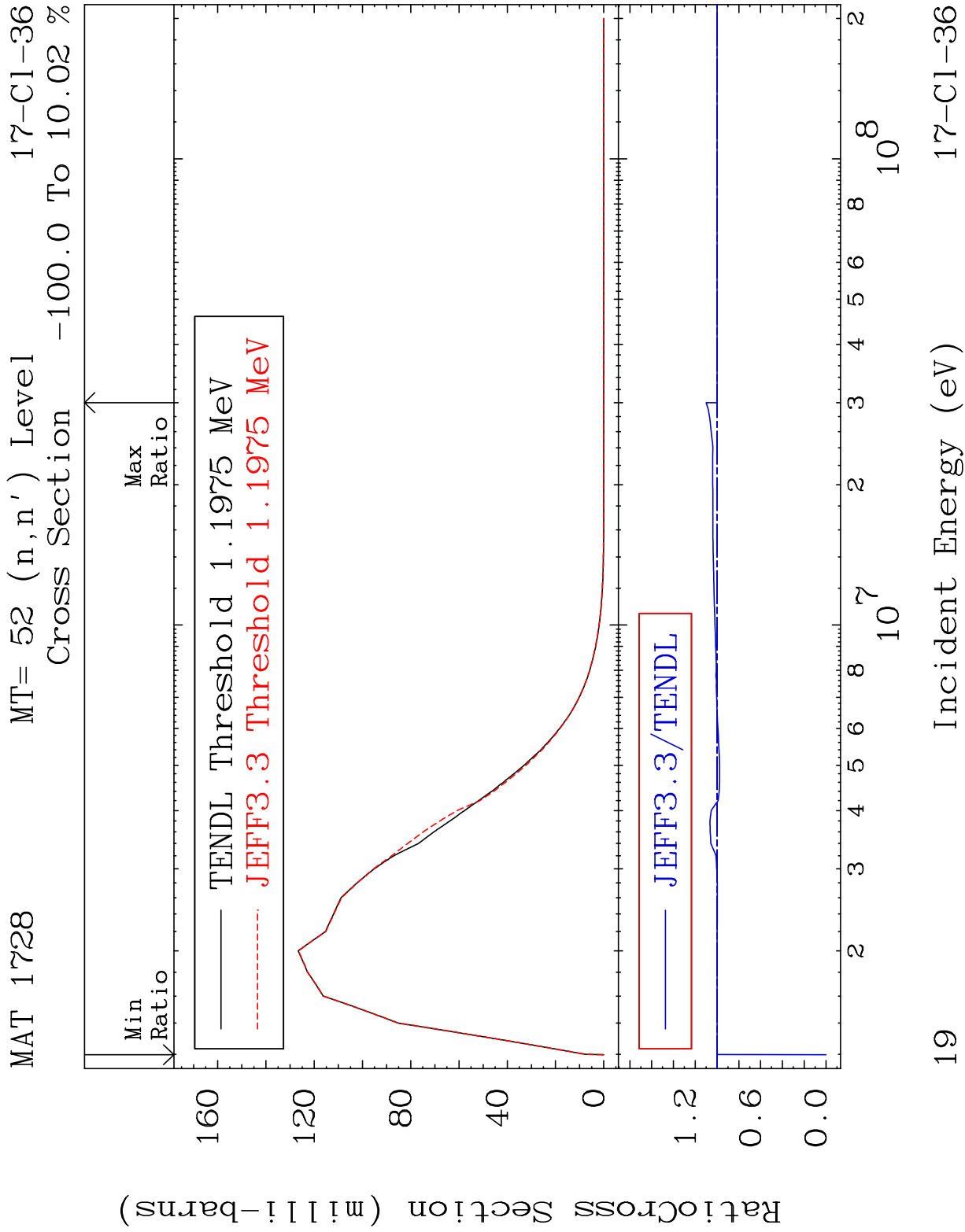
(n, n') $p \propto$ 17-Cl-36

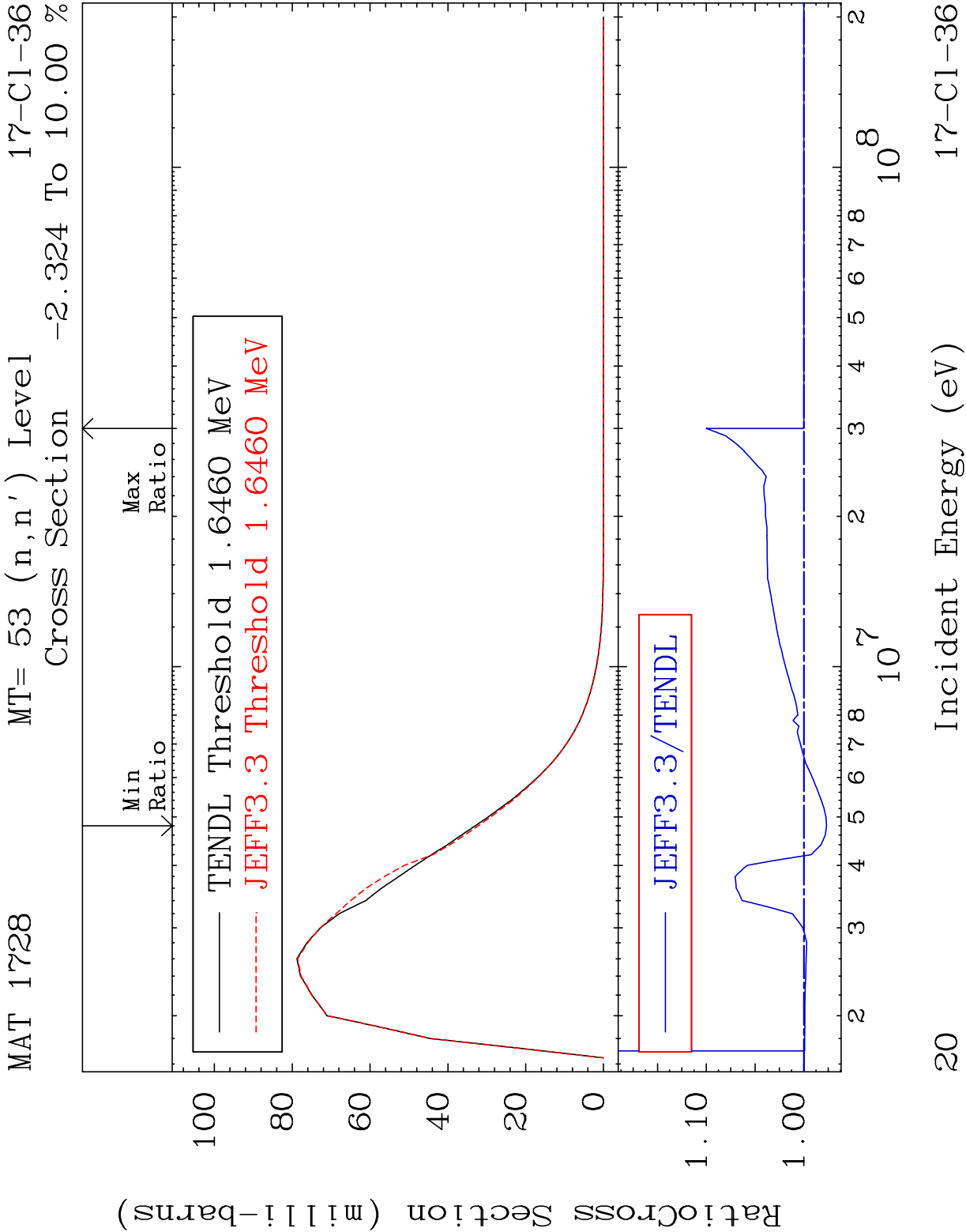
Cross Section -100.0 To 1162. %

17-CI-36







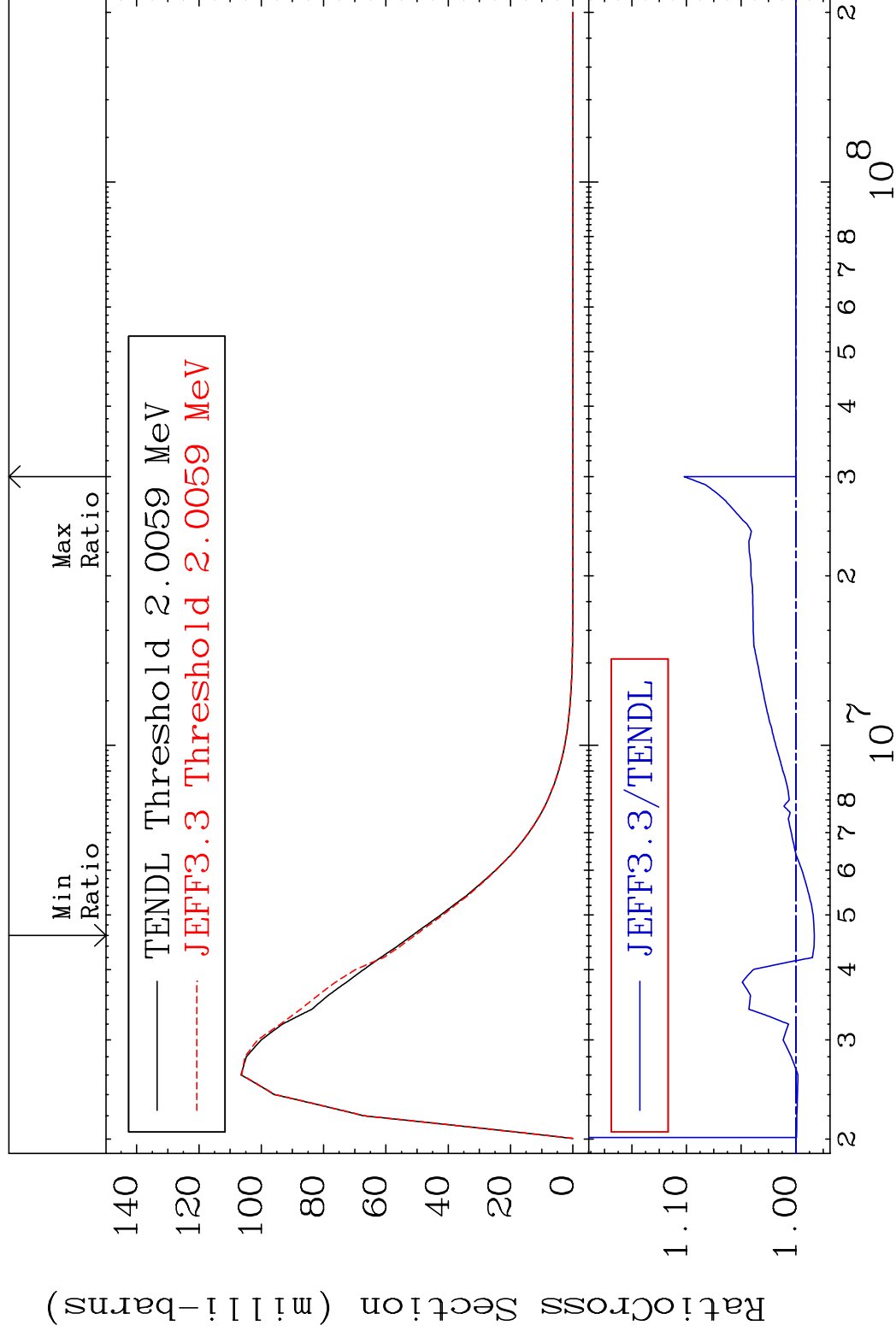


MAT 1728

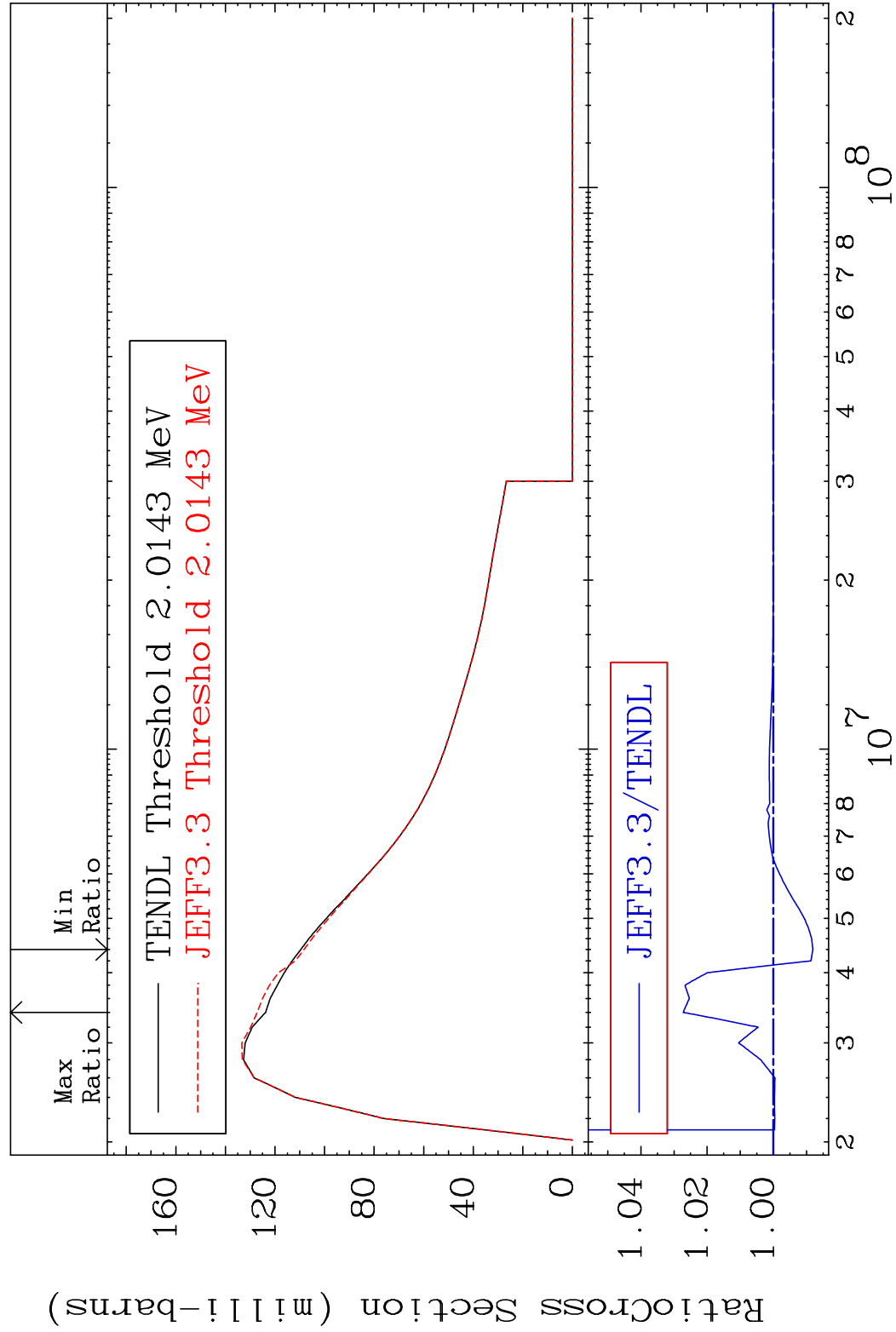
MT=54 (n,n') Level

17-CI-36

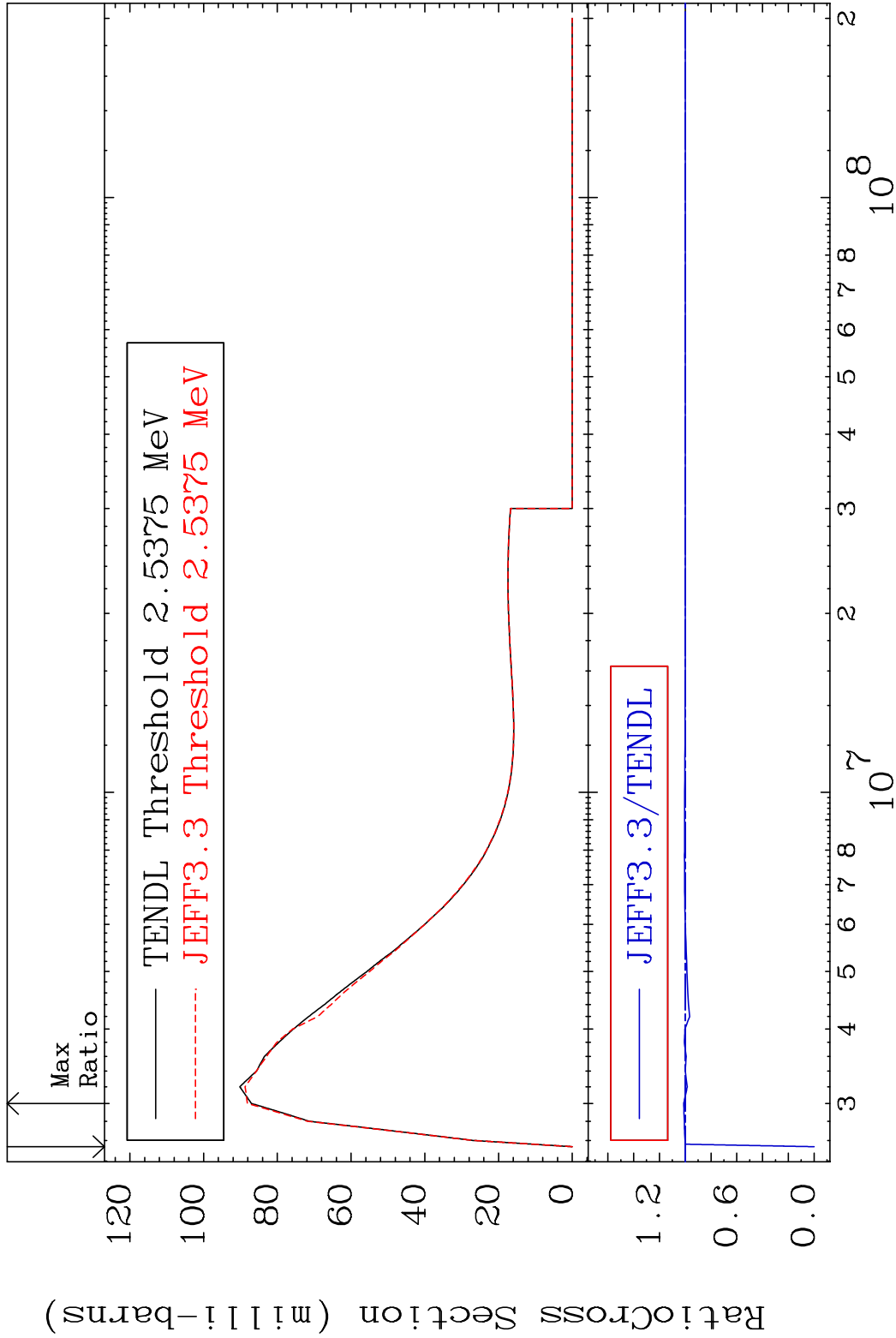
Cross Section	-1.683 To 10.22 %
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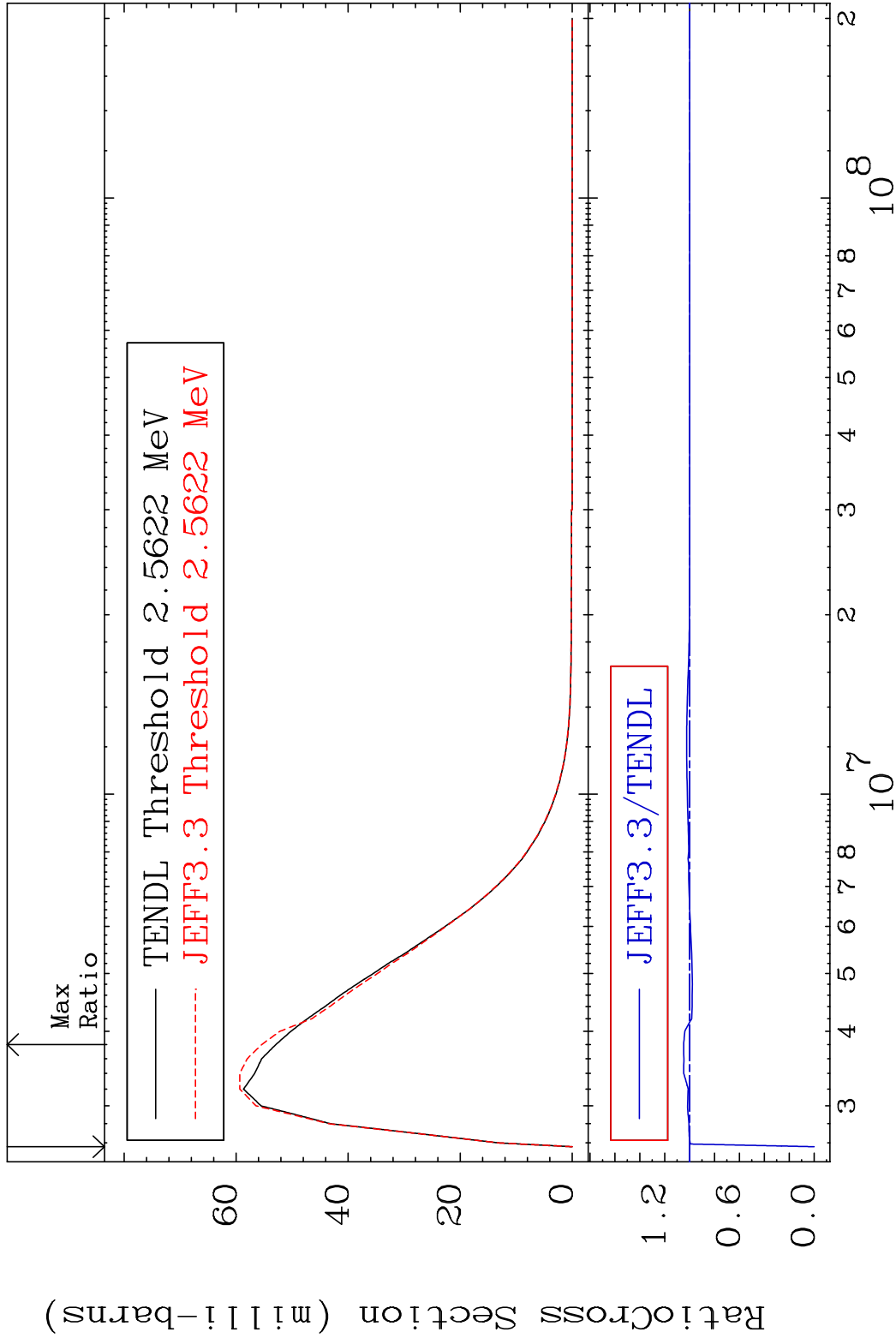
MAT 1728 MT= 55 (n,n') Level 17-Cl-36
 Cross Section -1.193 To 2.724 %



MAT 1728 MT= 56 (n,n') Level 17-Cl-36
Cross Section -100.0 To 1.216 %

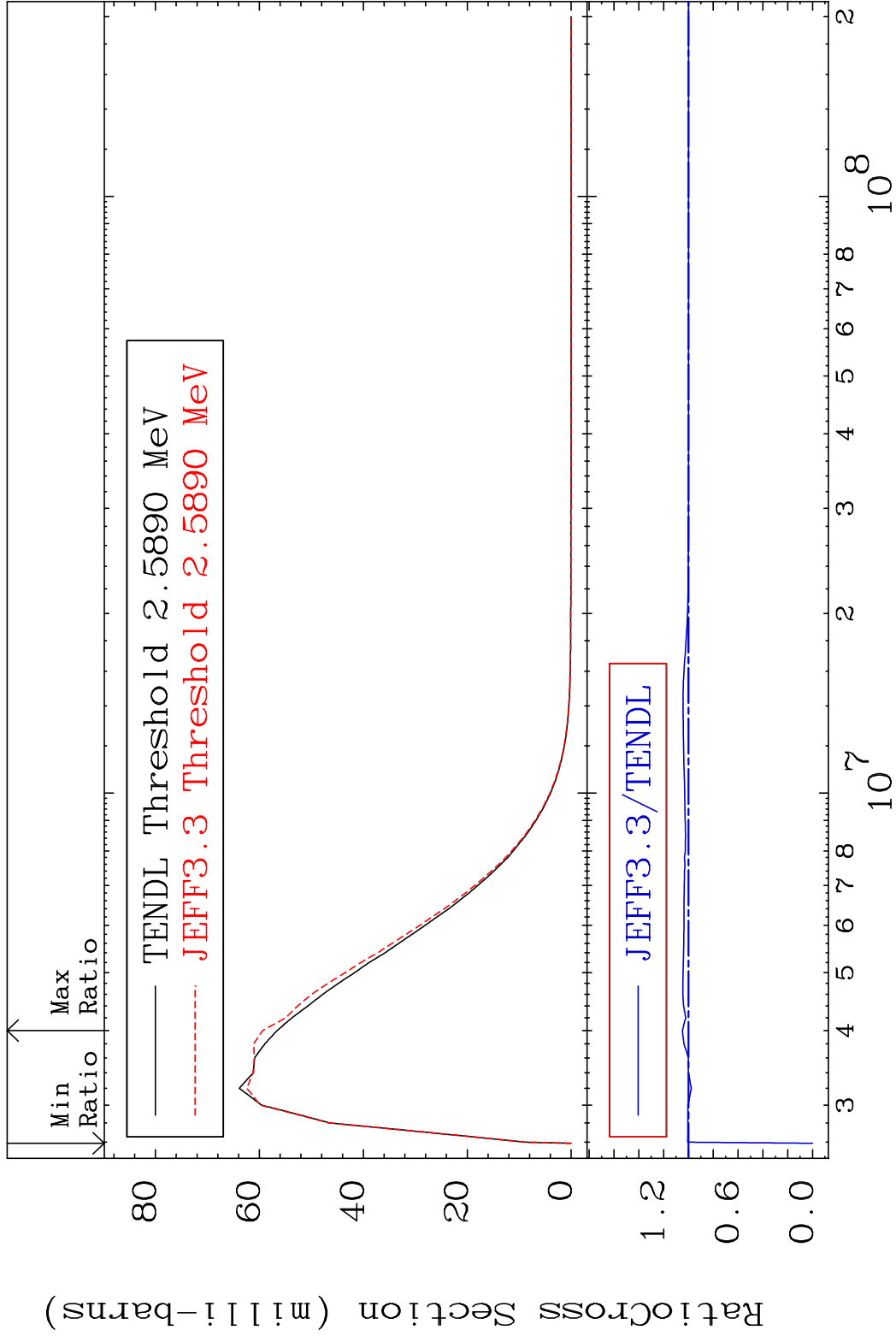


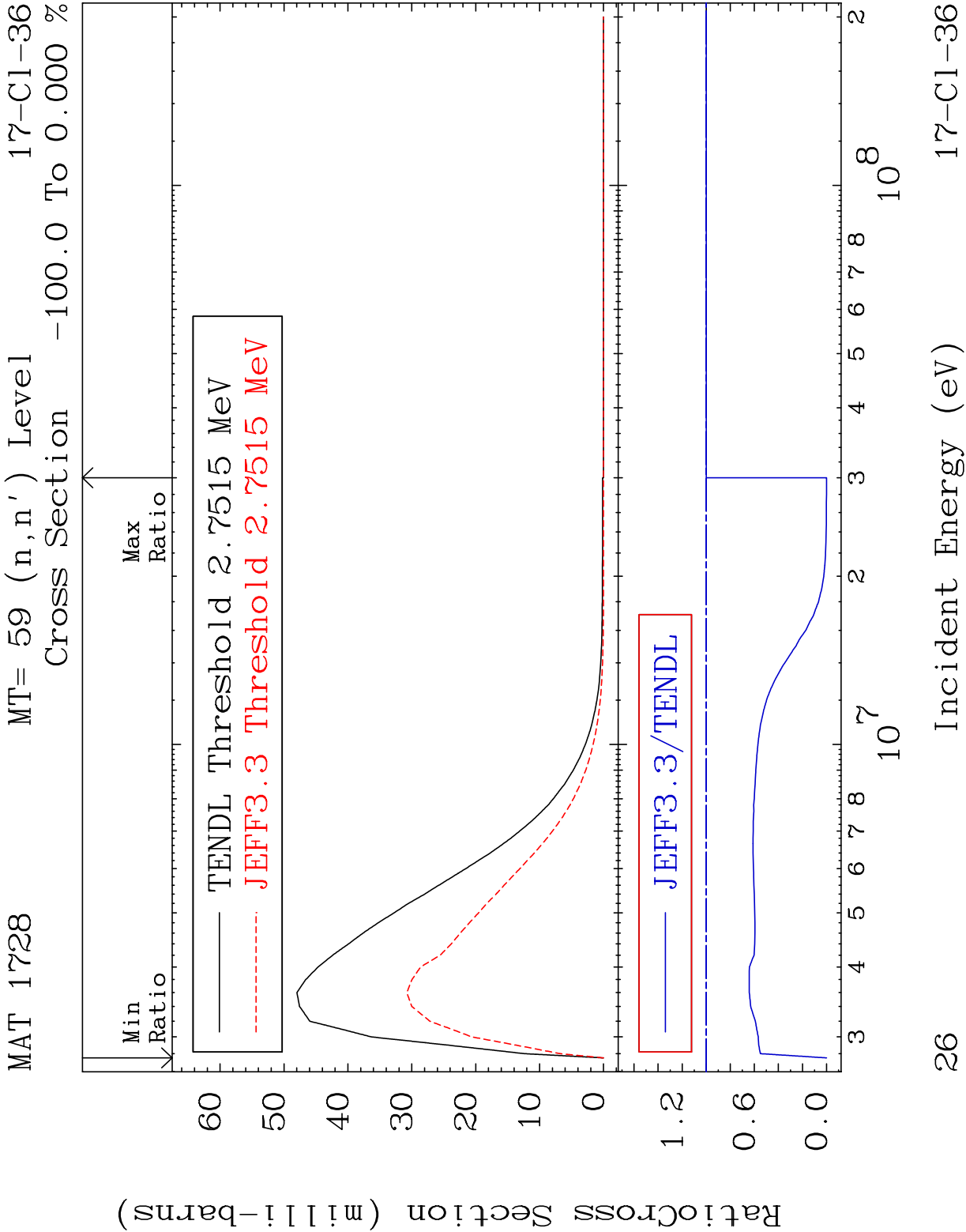
MAT 1728 MT= 57 (n,n') Level 17-Cl-36
Cross Section -100.0 To 4.785 %



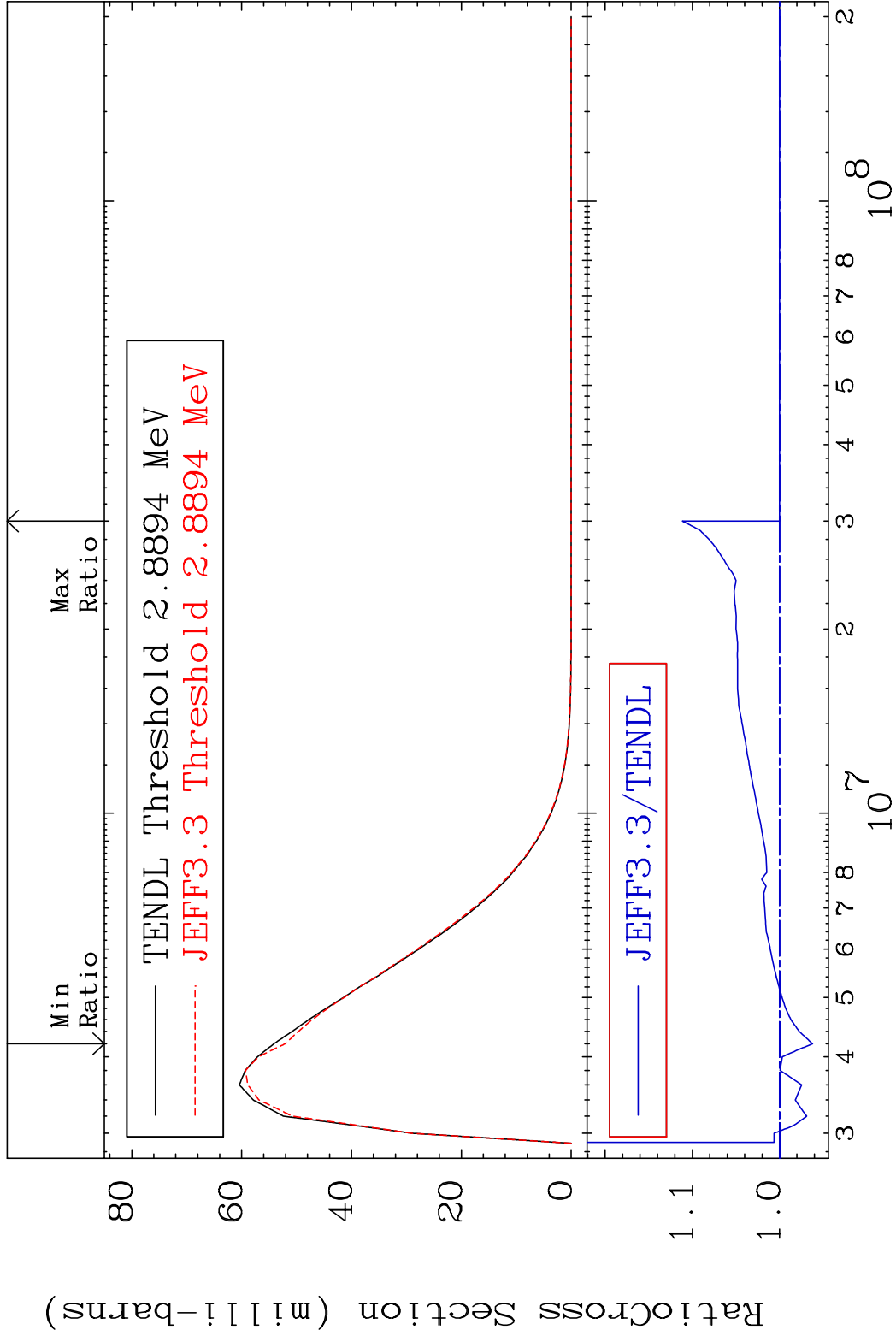
24 Incident Energy (eV) 17-Cl-36

MAT 1728 MT= 58 (n,n') Level 17-Cl-36
Cross Section -100.0 To 4.923 %

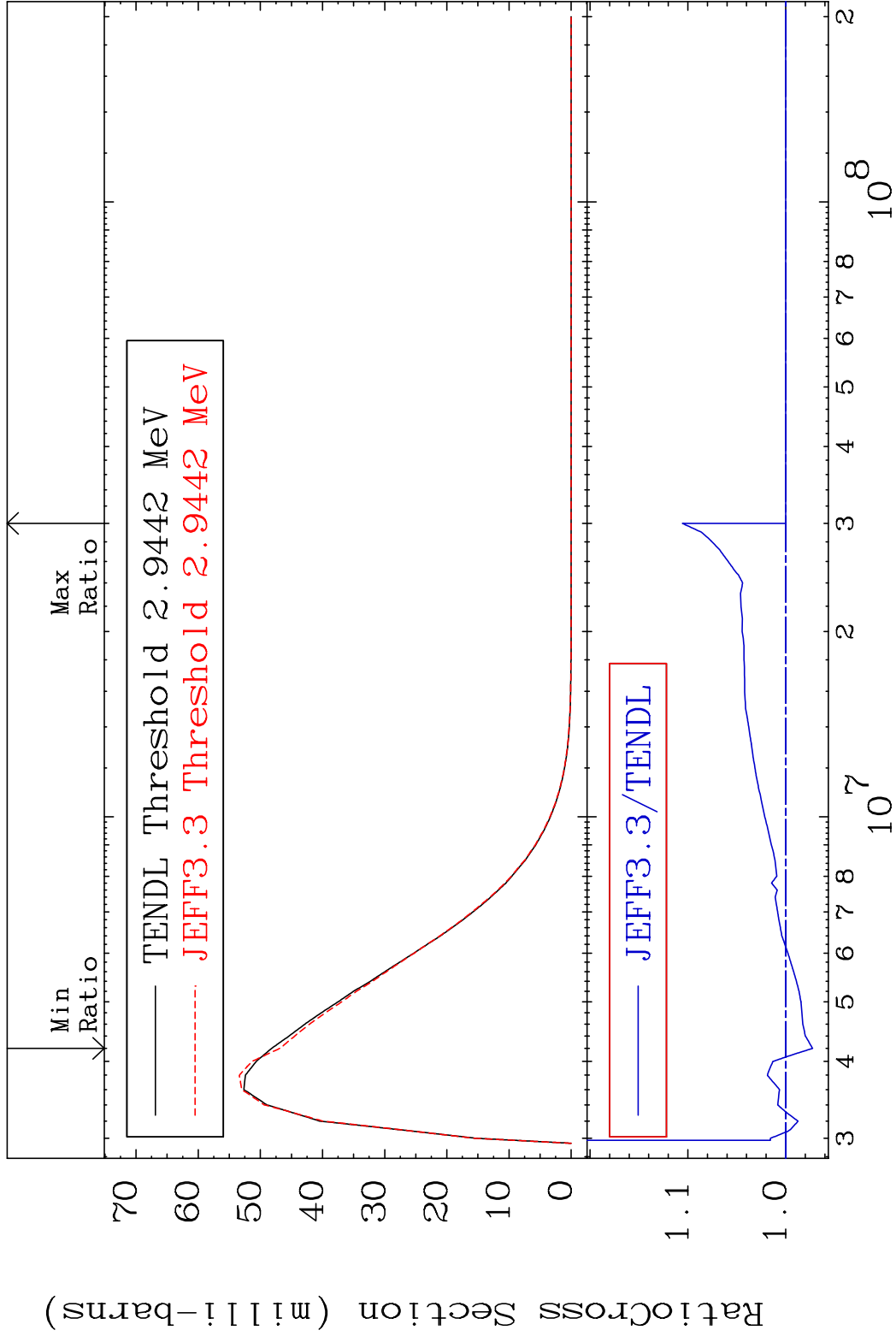




MAT 1728 MT= 60 (n,n') Level 17-Cl-36
Cross Section -3.786 To 11.14 %



MAT 1728 MT= 61 (n,n') Level 17-Cl-36
Cross Section -2.743 To 10.56 %

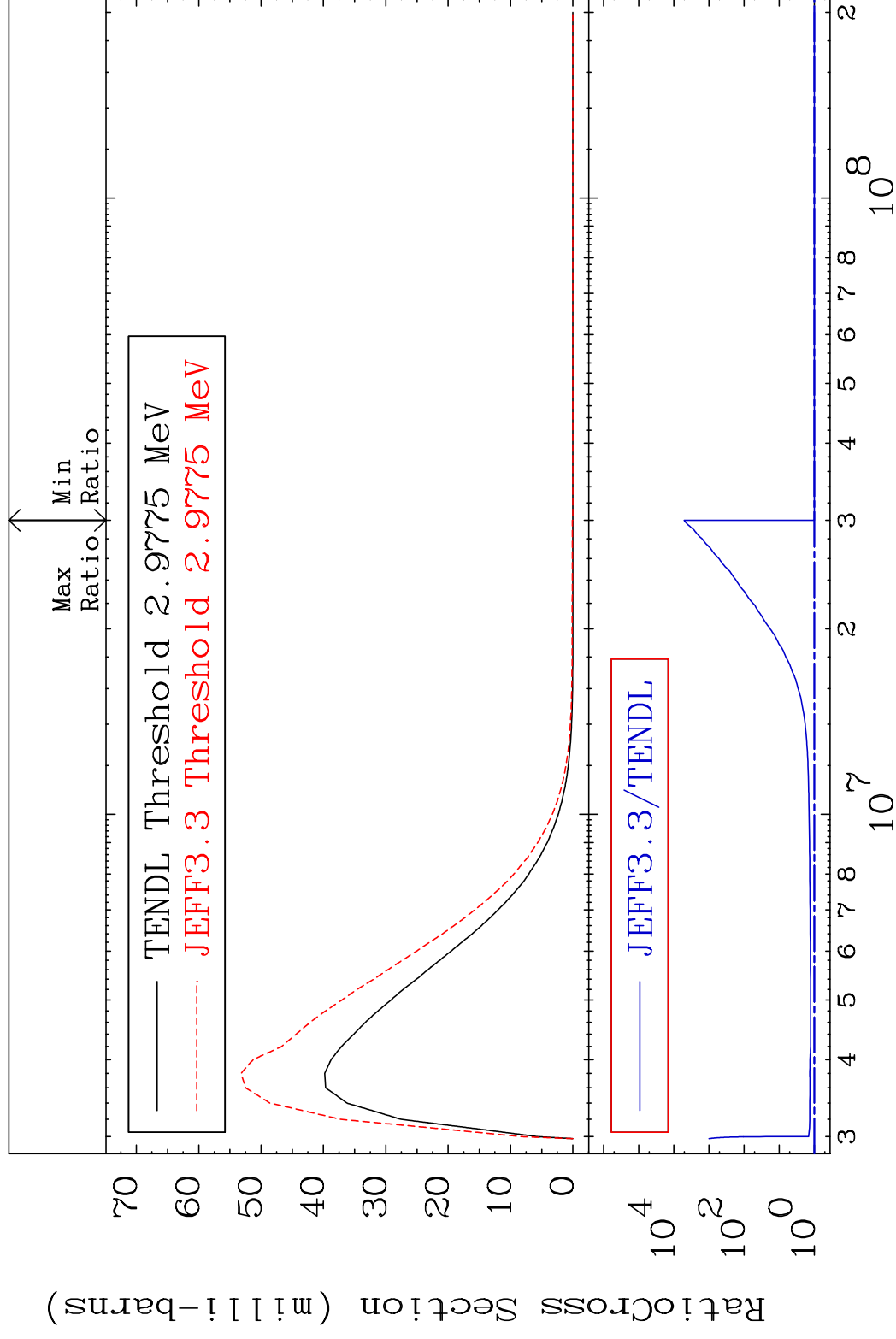


MAT 1728

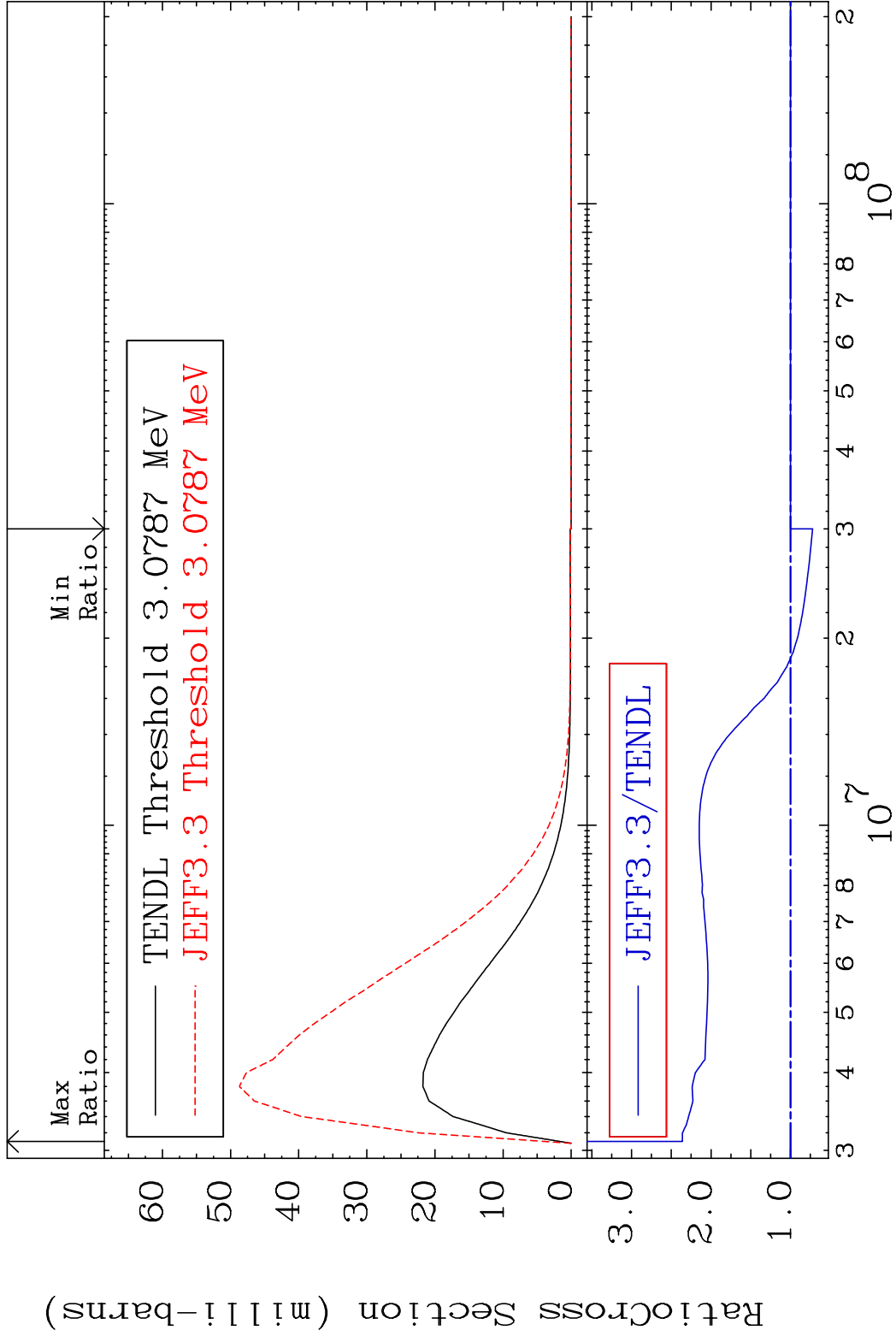
MT= 62 (n, n') Level

17-CI-36

Cross Section 0.000 To 9999. %



MAT 1728 MT= 63 (n,n') Level 17-Cl-36
Cross Section -27.81 To 136.1 %



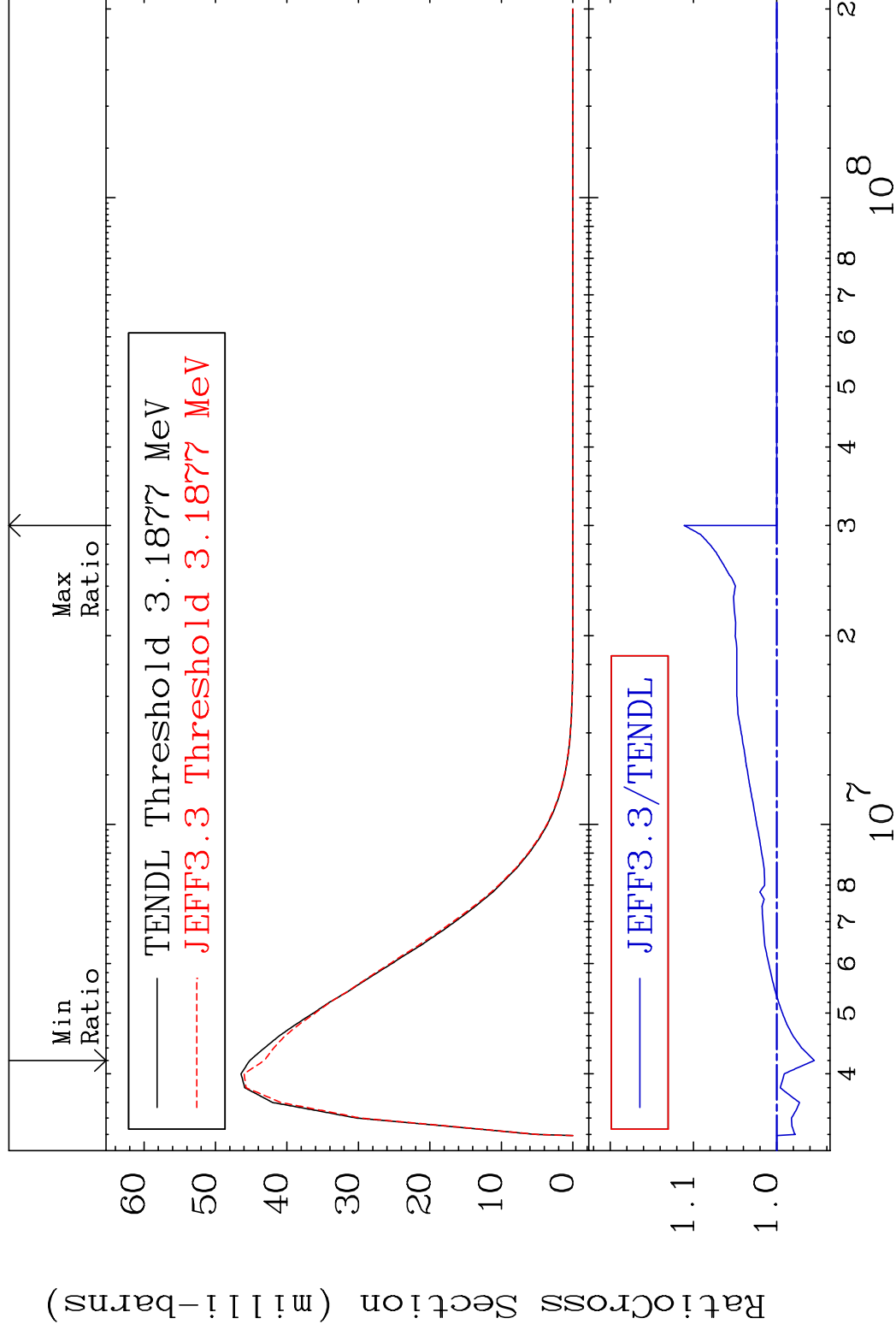
30 Incident Energy (eV) 17-Cl-36

MAT 1728

MT= 64 (n, n') Level

17-CI-36

Cross Section	-4.501 To 11.13 %



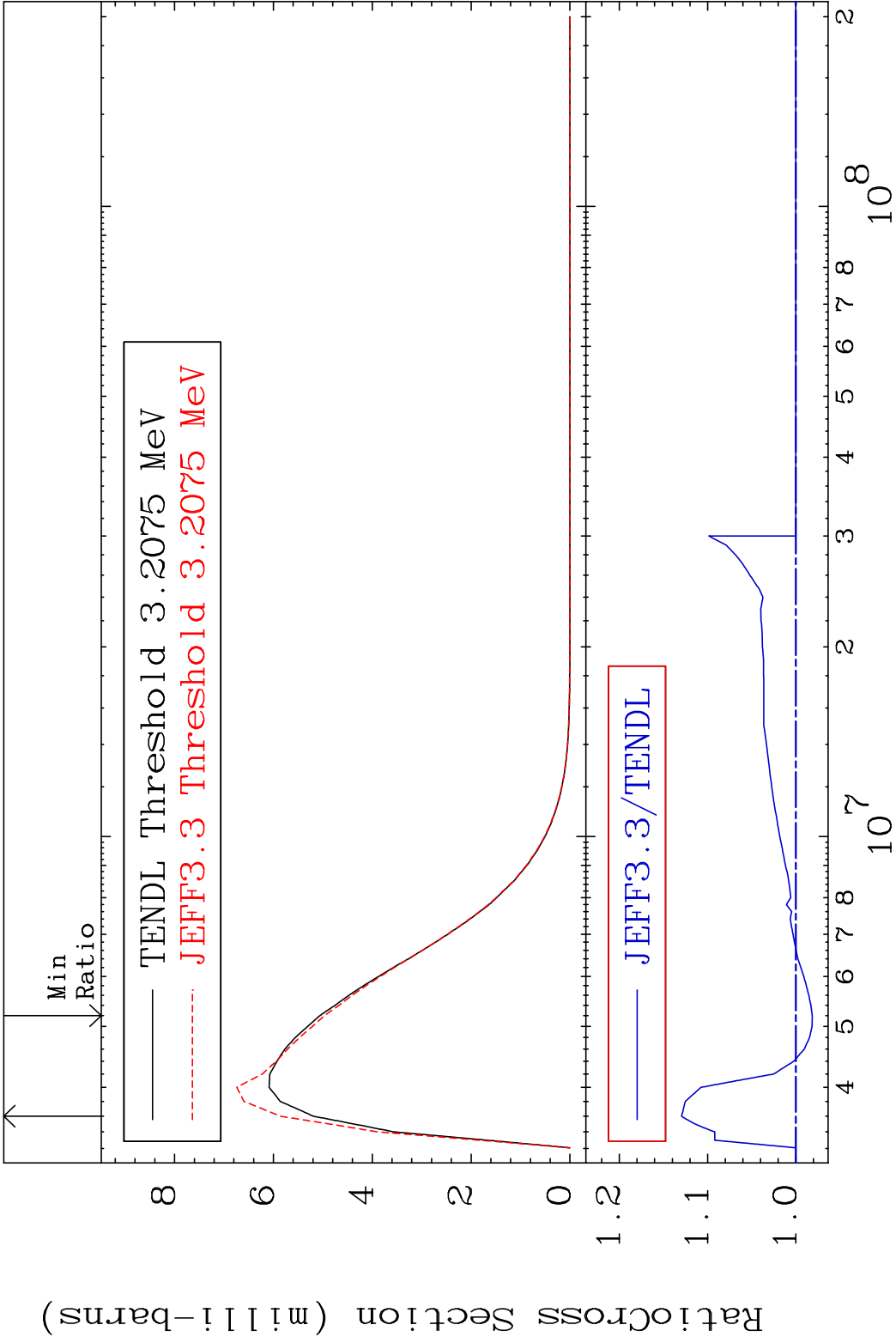
MAT 1728

MT= 65 (n,n') Level

17-Cl-36

Cross Section

-1.854 To 12.95 %



MAT 1728

MT= 66 (n,n')

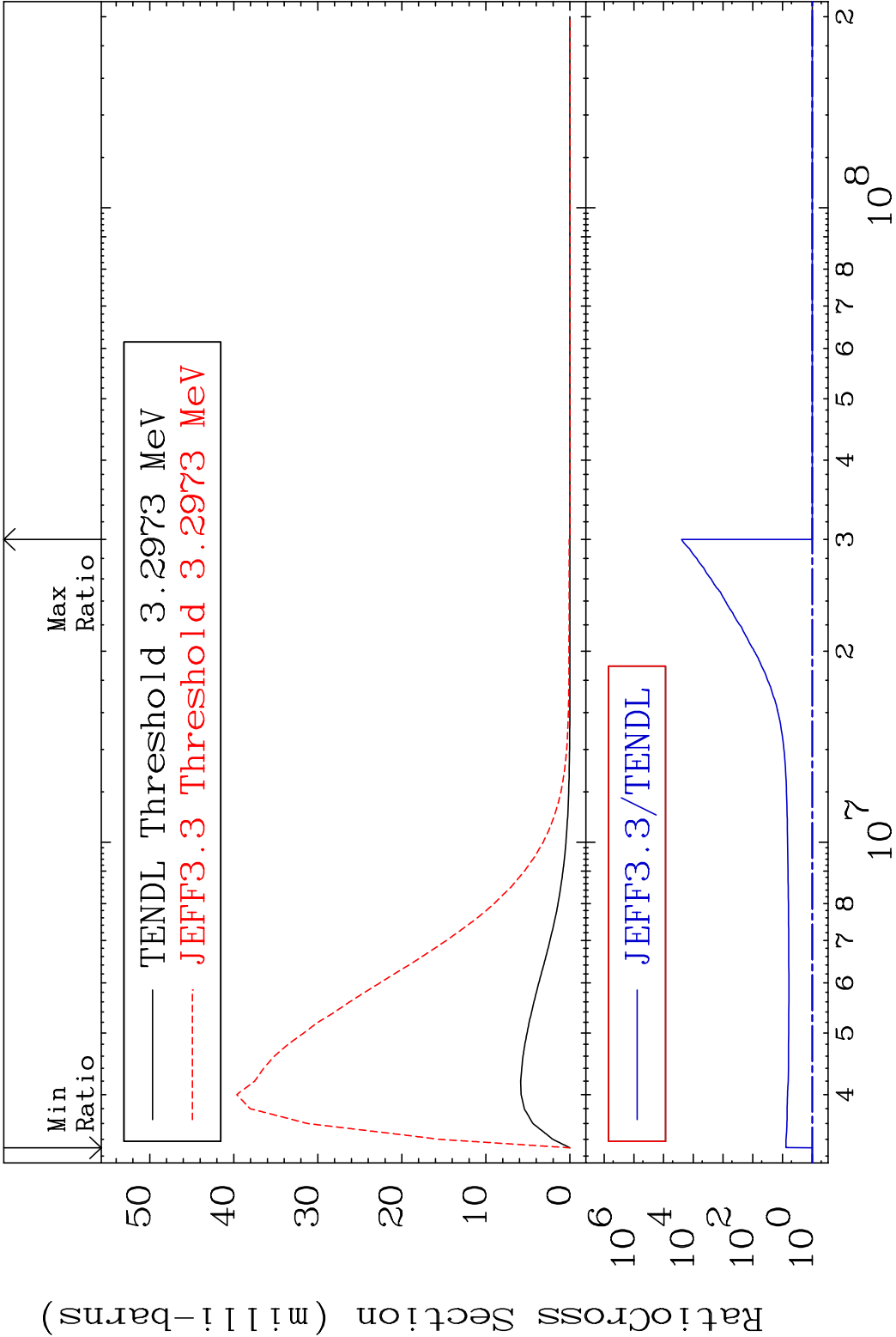
Level

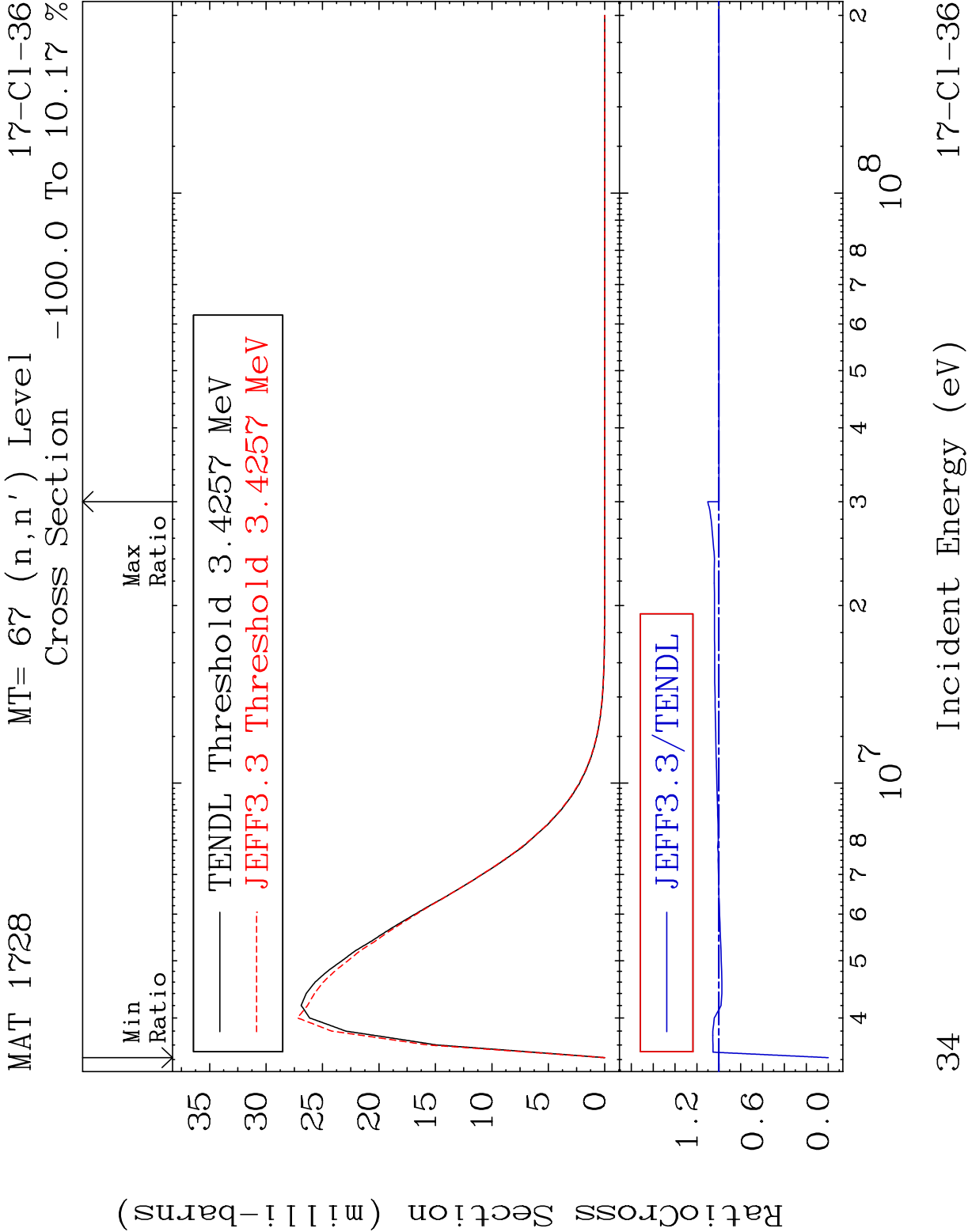
17-Cl-36

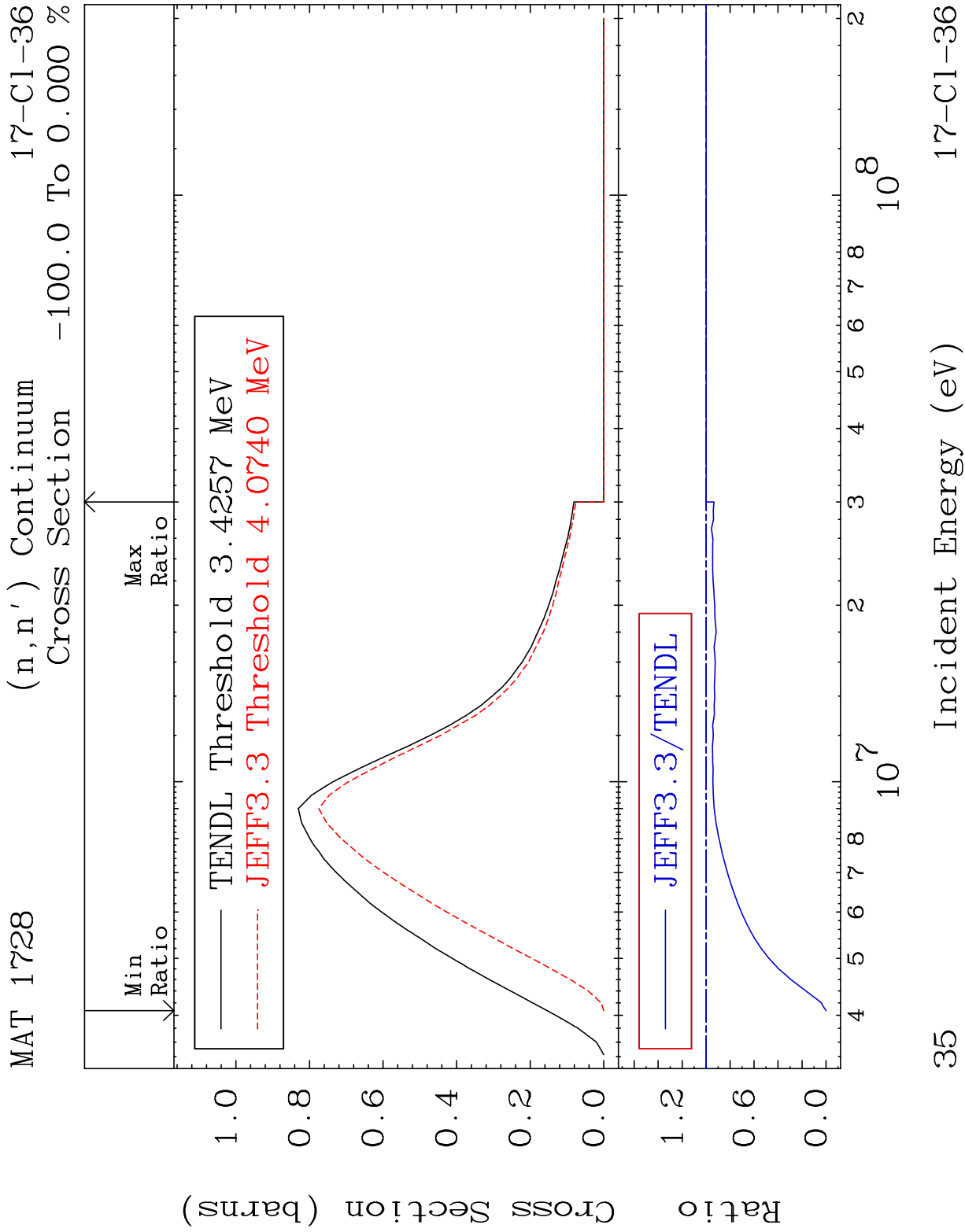
Cross Section

0.000

To 9999. %





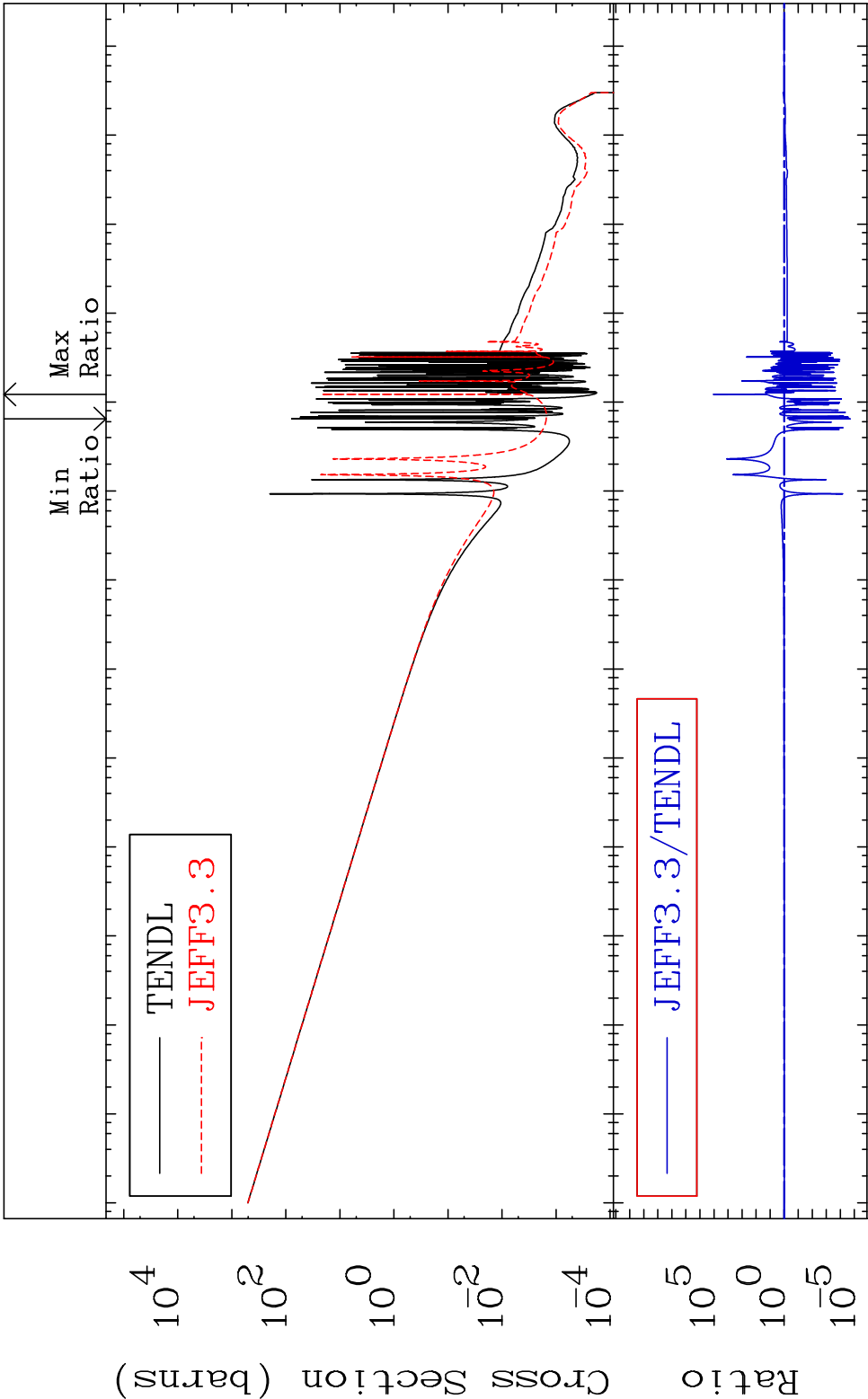


MAT 1728

(n, γ)

17-Cl-36

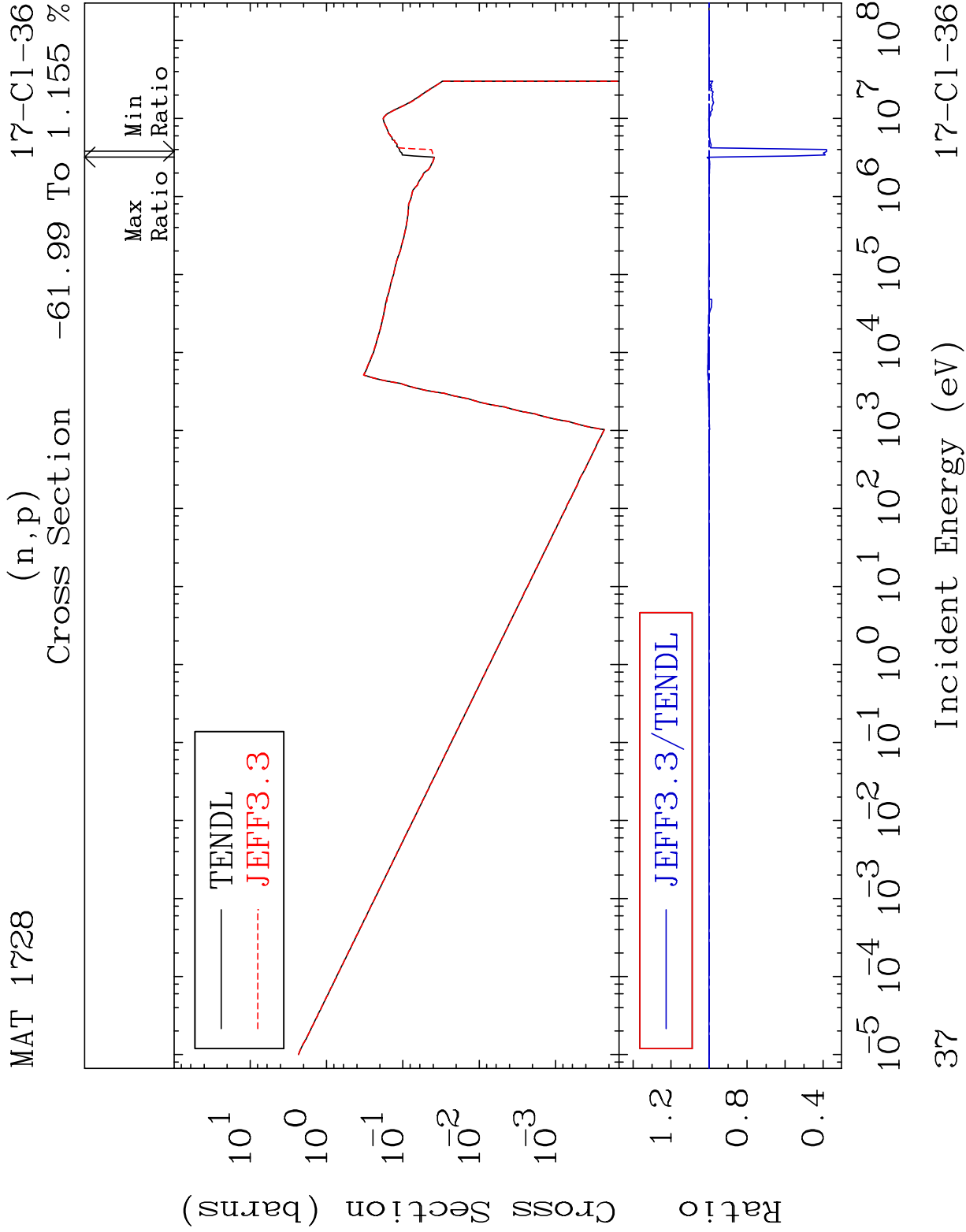
Cross Section -100.0 To 9999. %

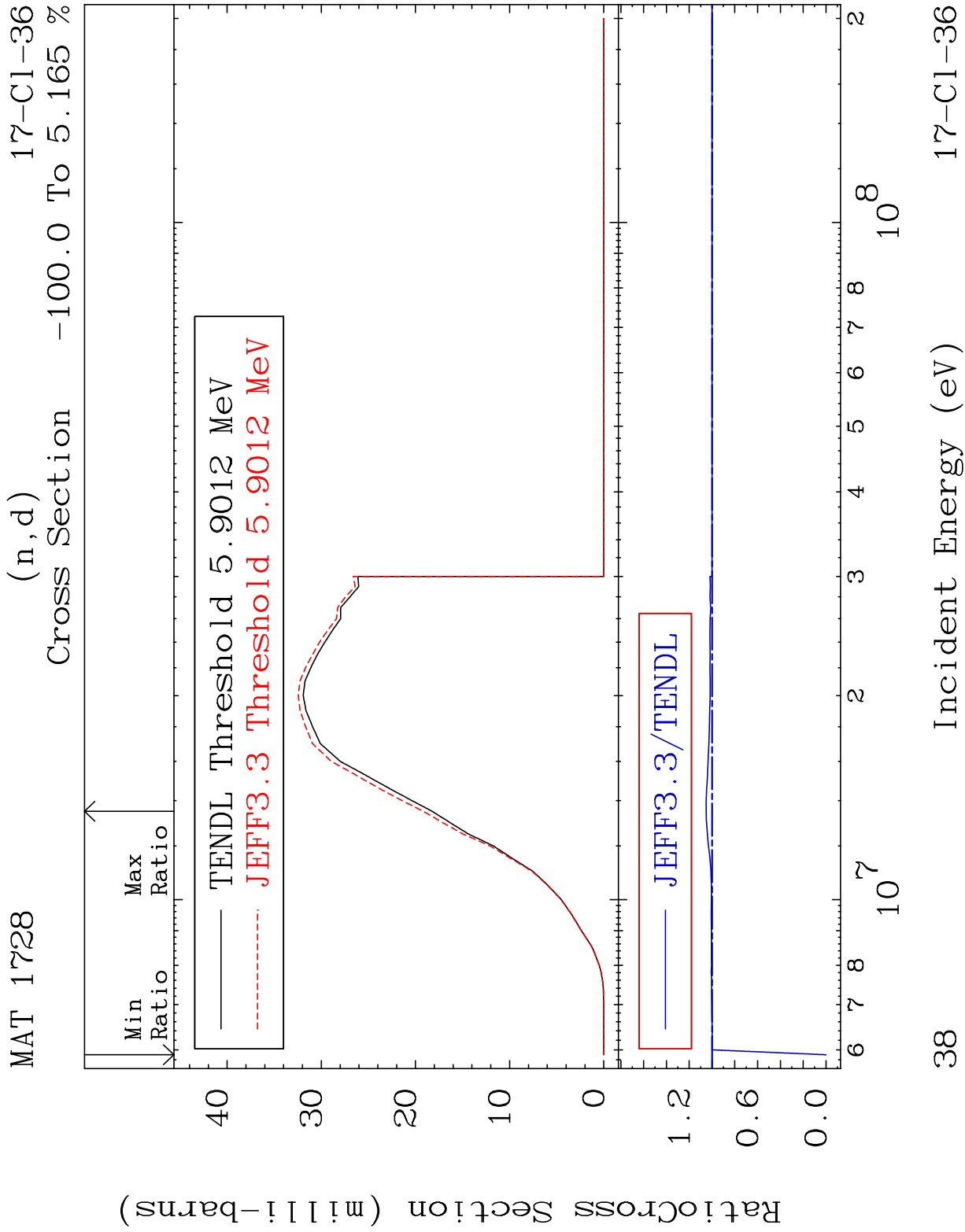


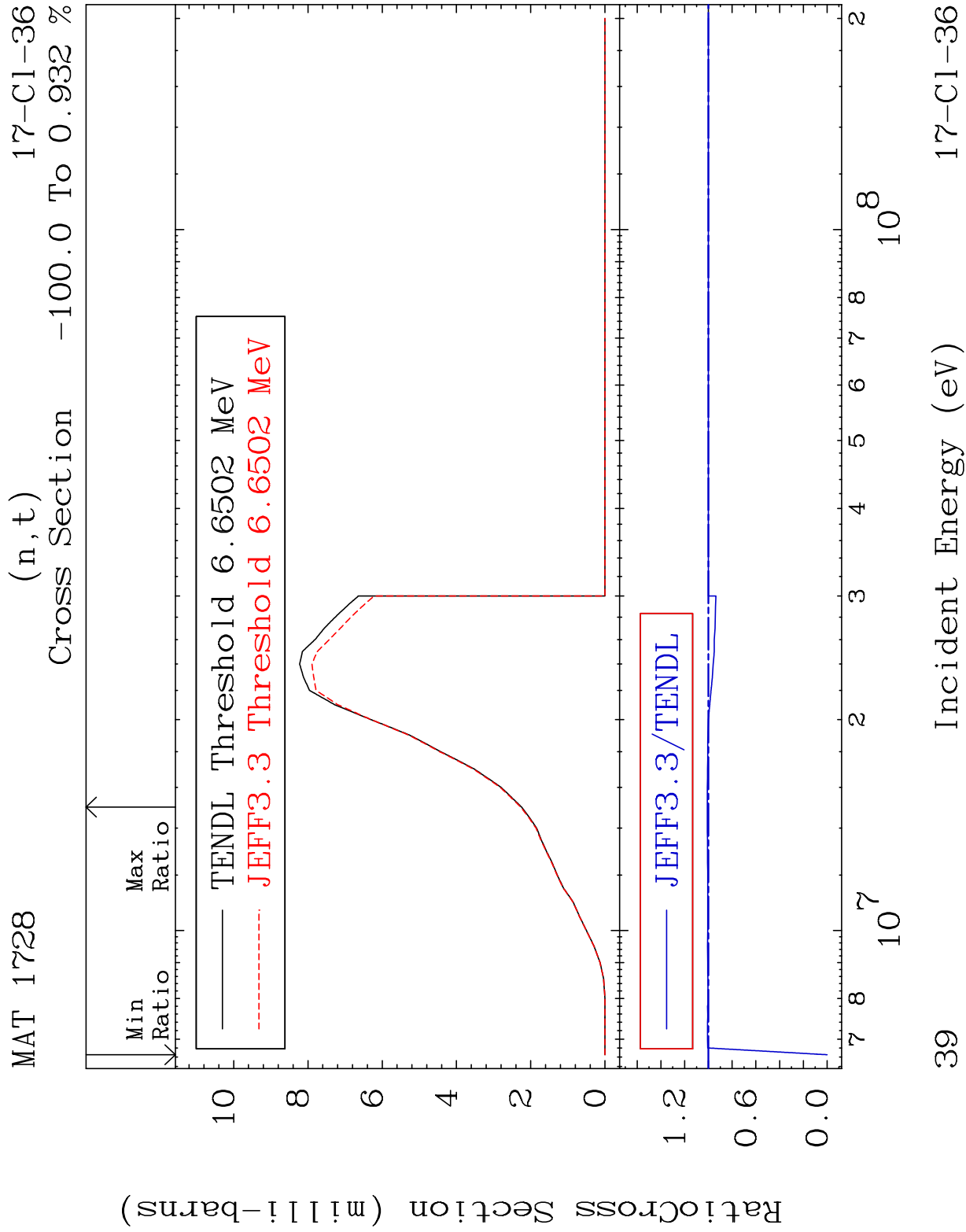
36

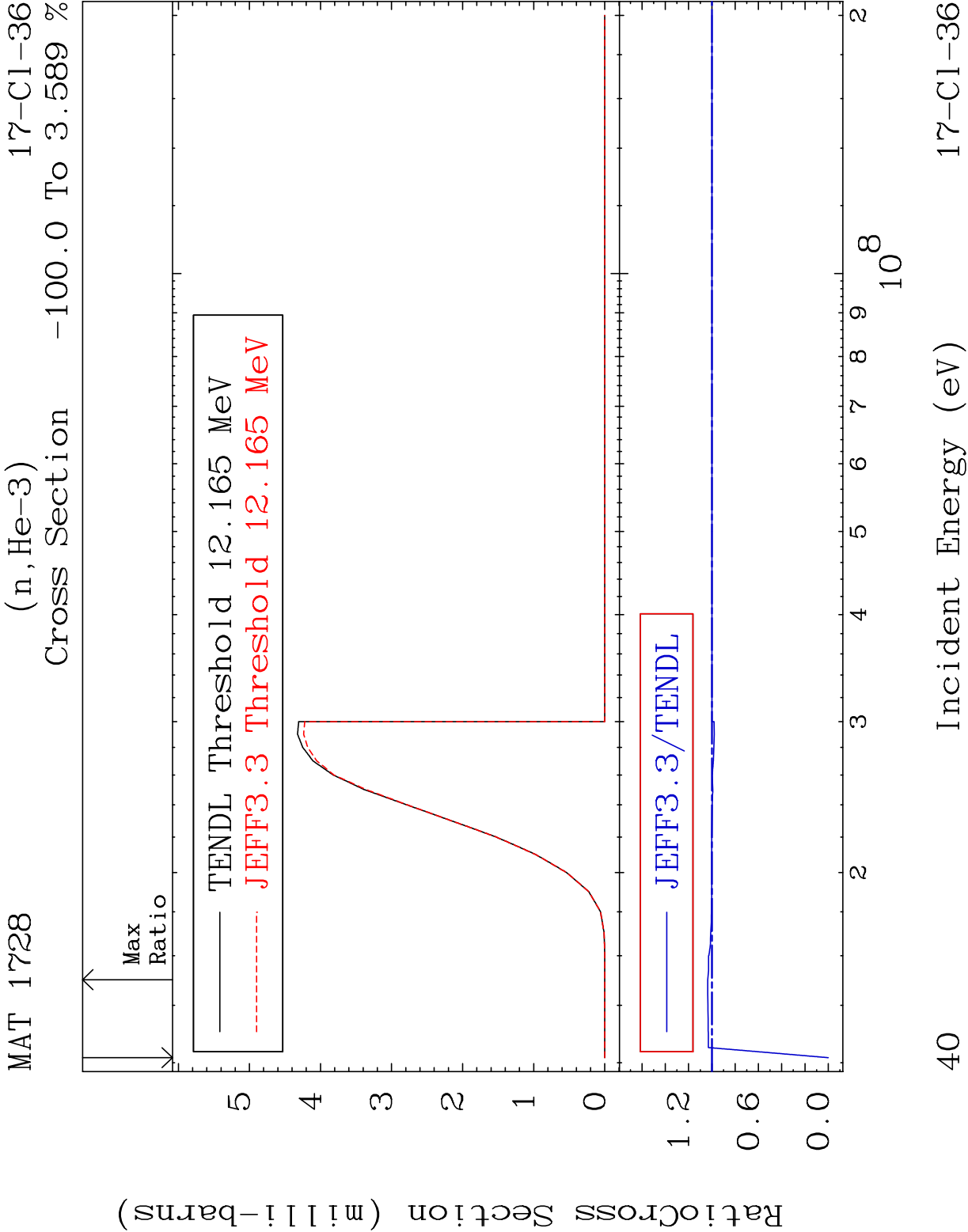
Incident Energy (eV)

17-Cl-36







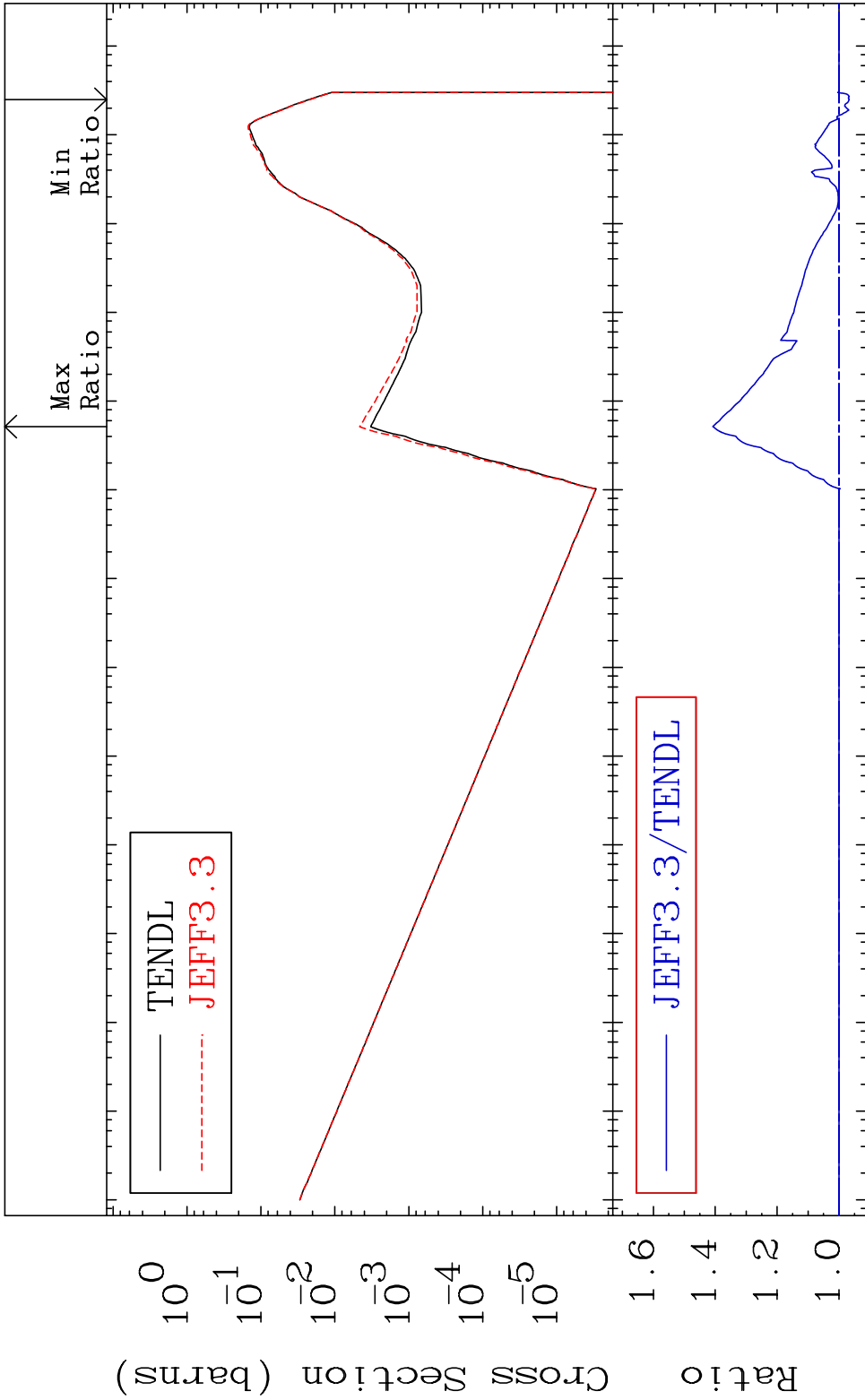


MAT 1728

(n, α)

17-Cl-36

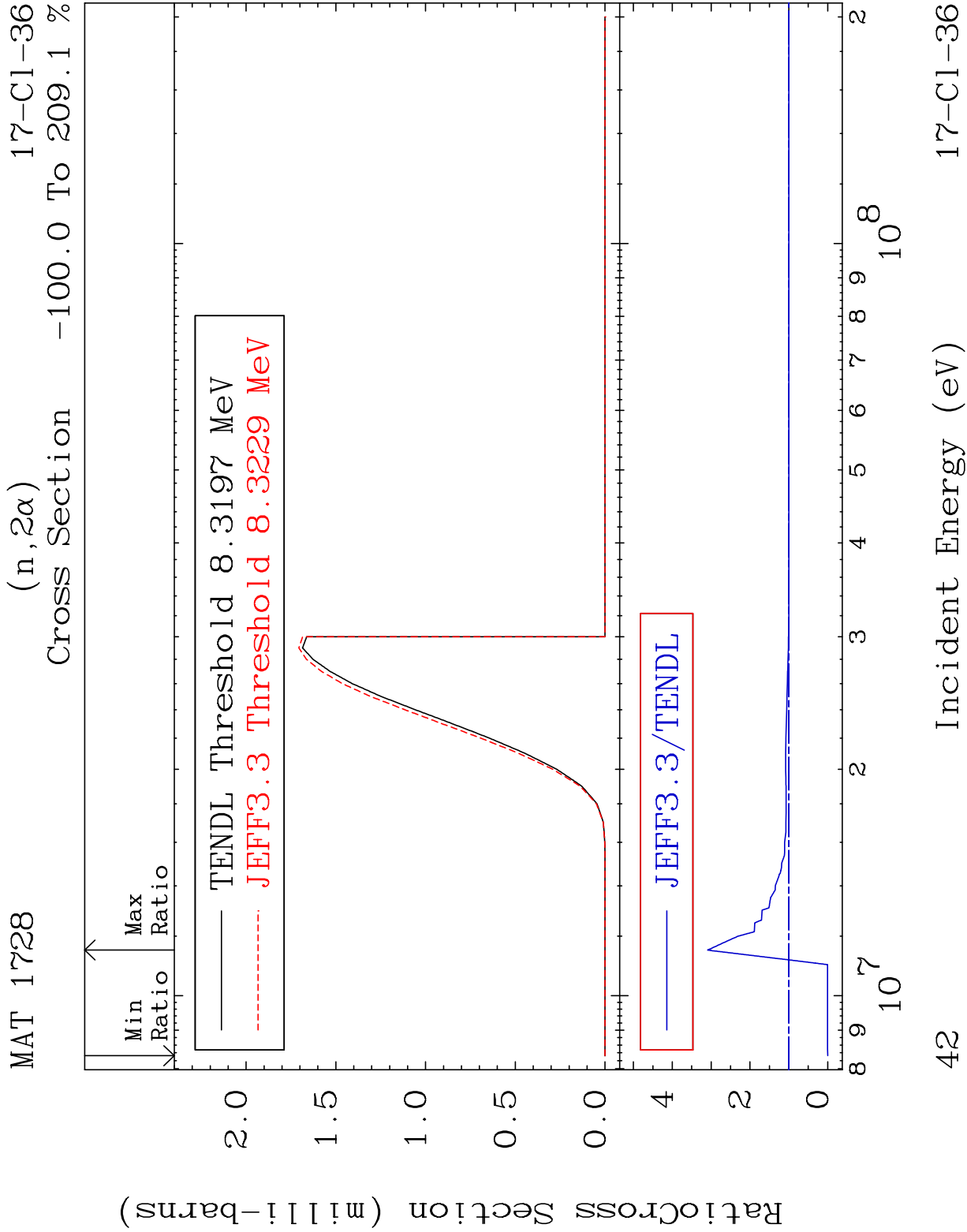
Cross Section -3.303 To 40.82 %

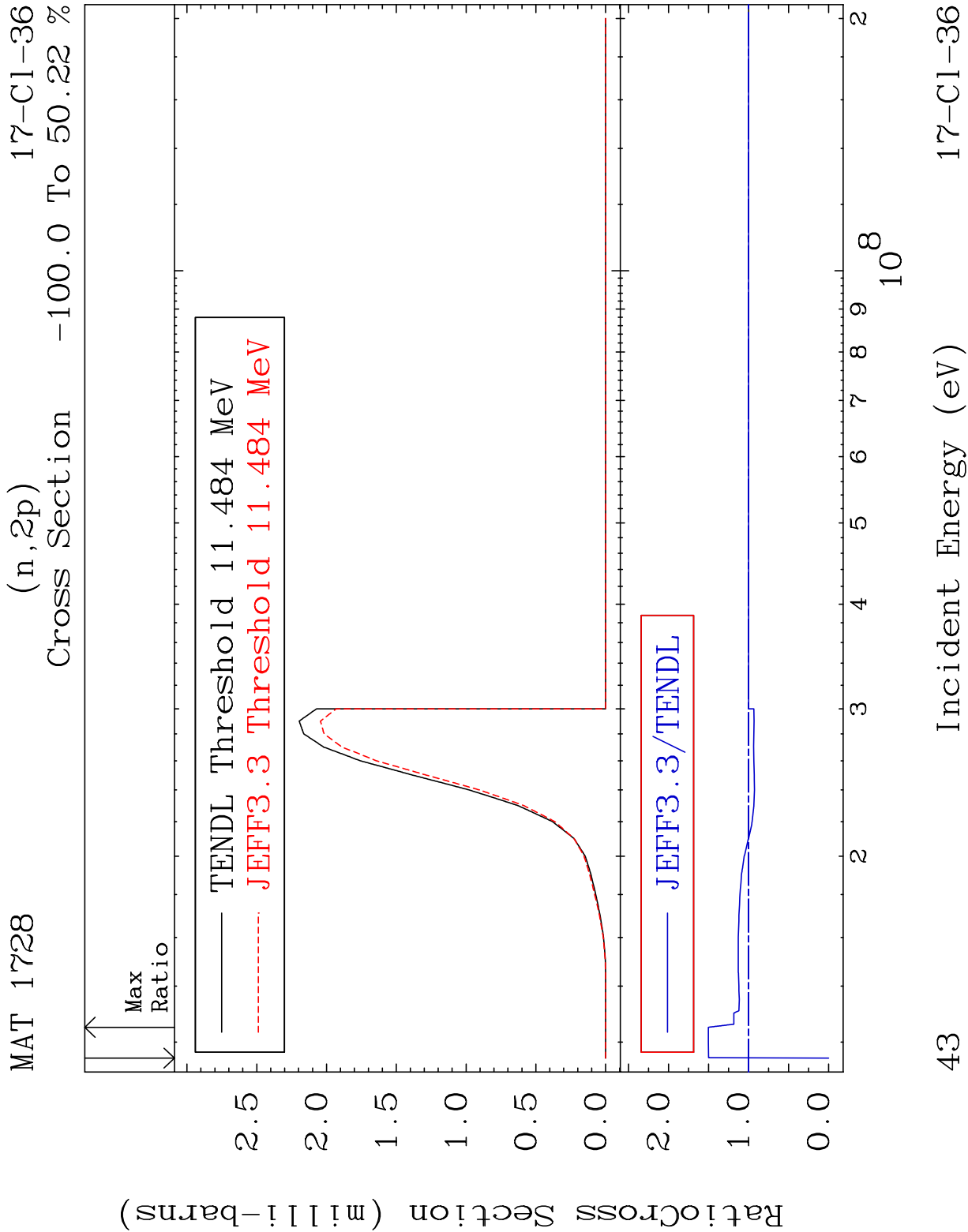


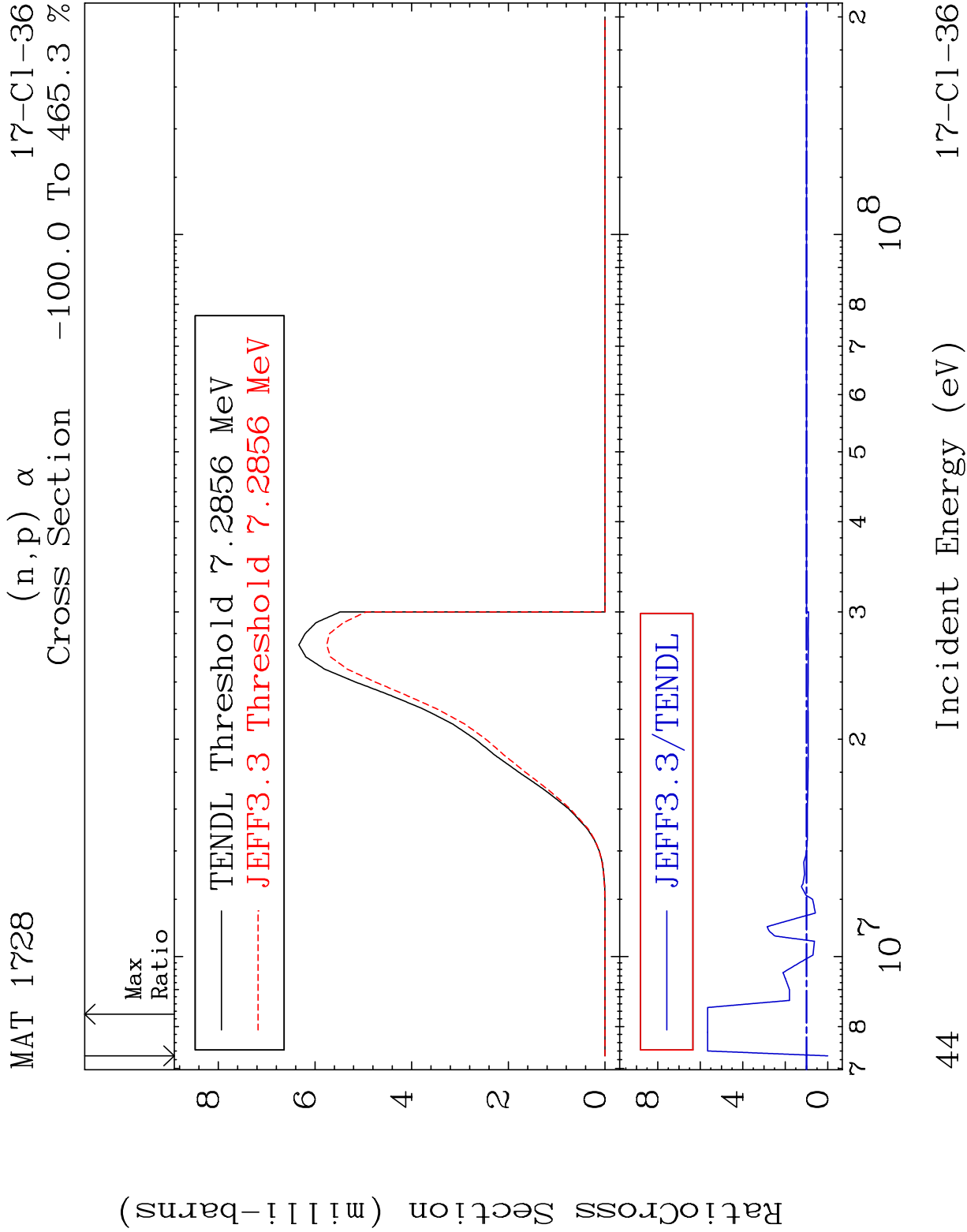
41

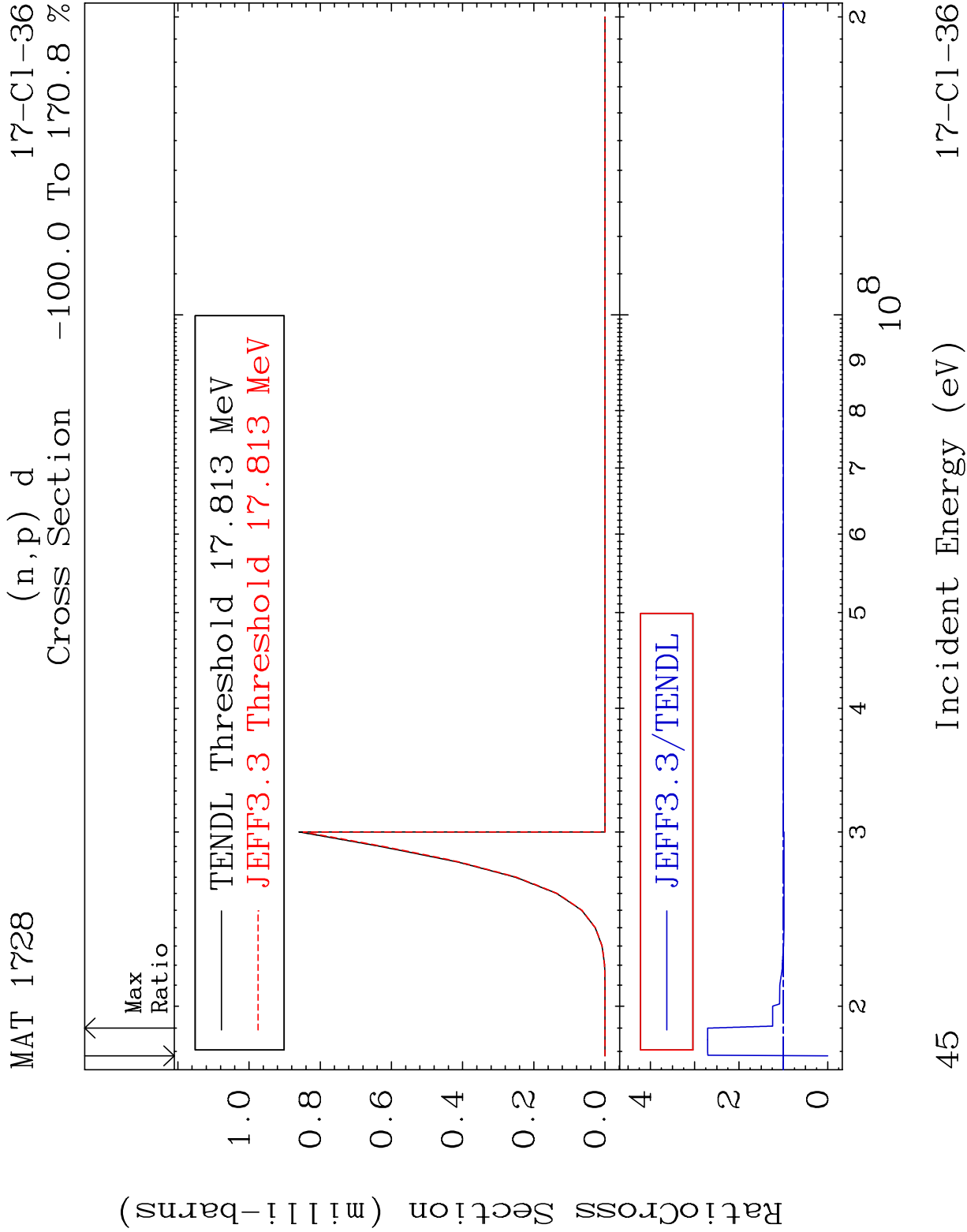
Incident Energy (eV)

17-Cl-36







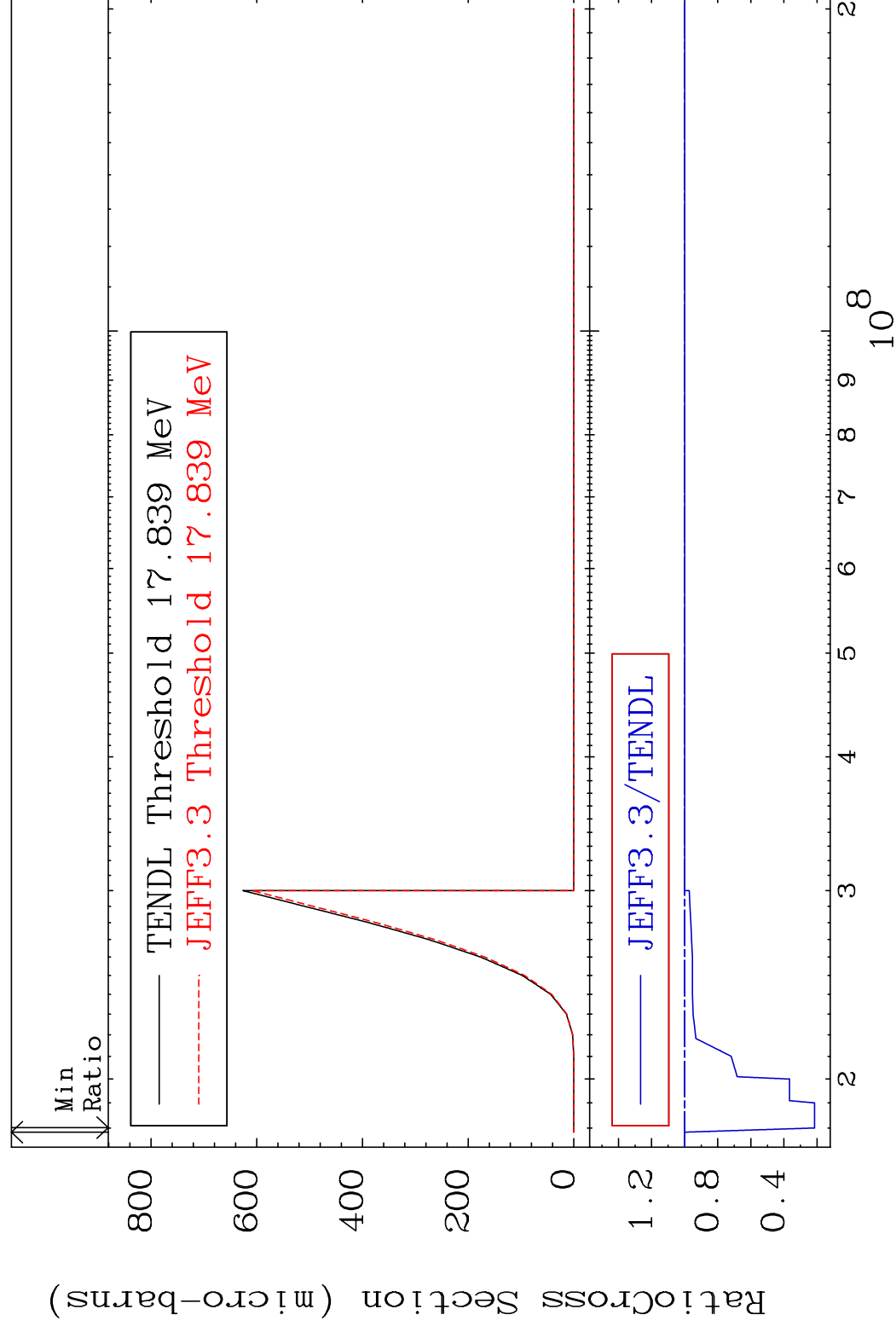


MAT 1728

$$t(n, p)$$

17-CI-36

Cross Section

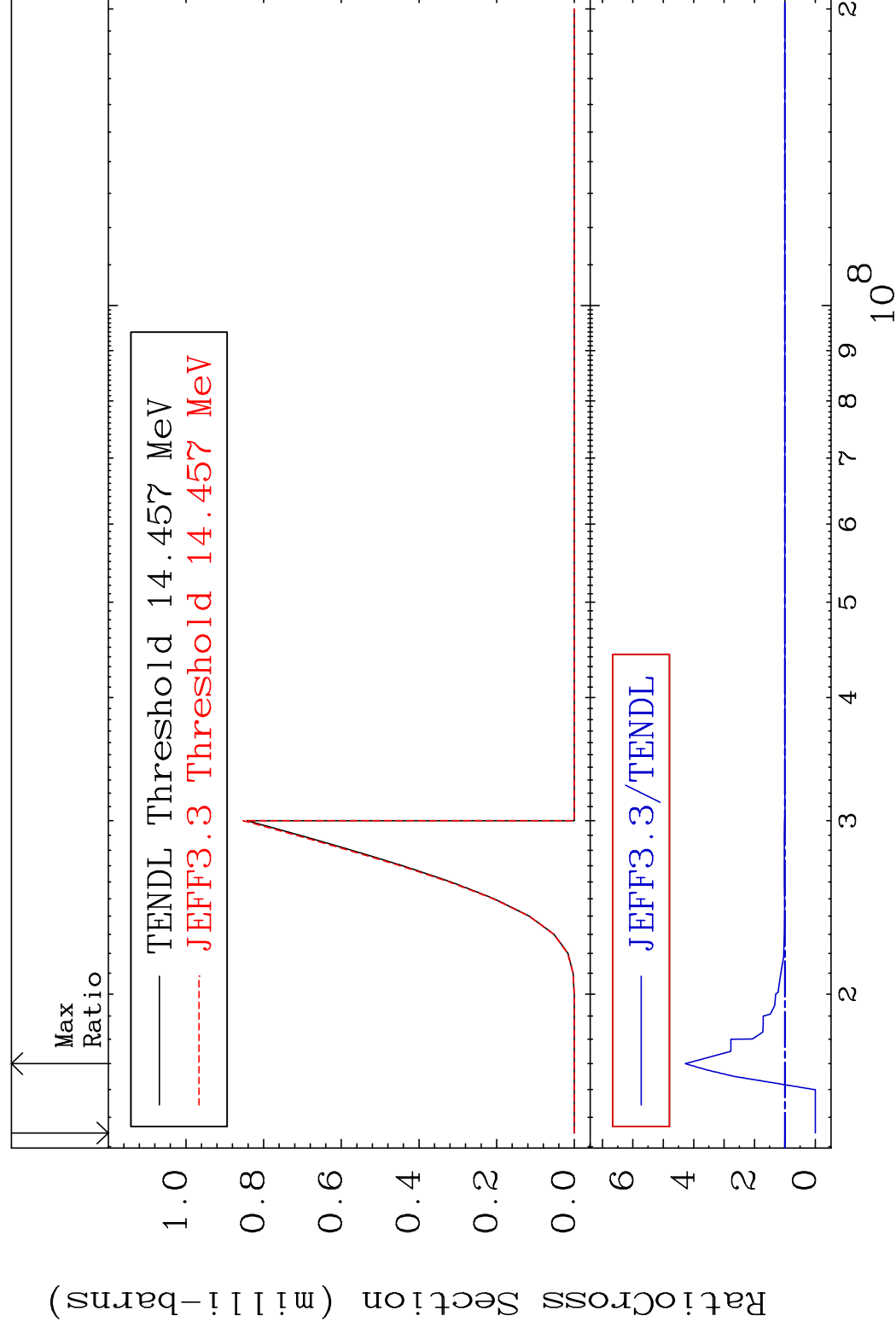


MAT 1728

$$(n, d) \propto$$

17-CI-36

Cross Section

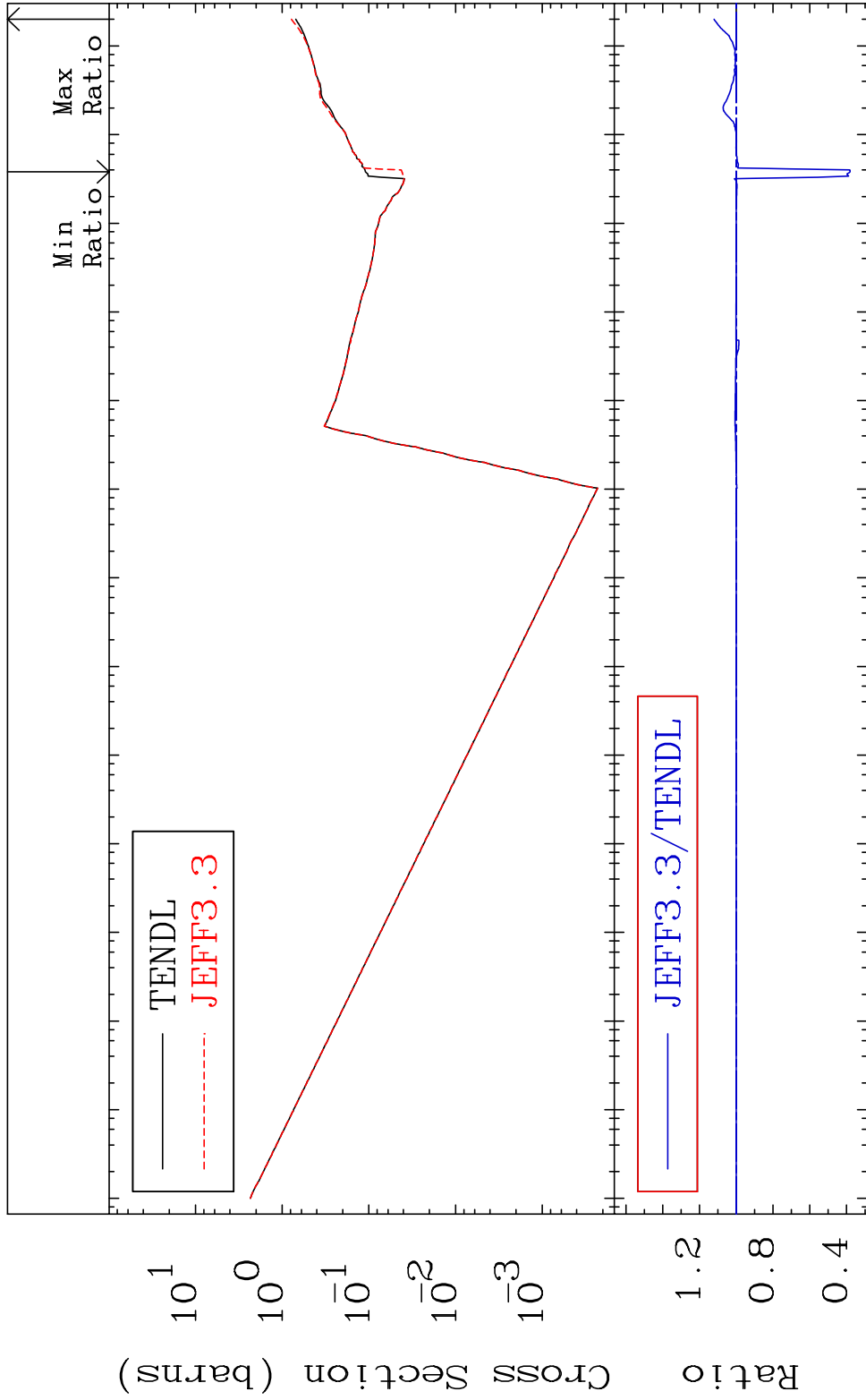


MAT 1728

Hydrogen Production

17-Cl-36

Cross Section -61.99 To 12.11 %

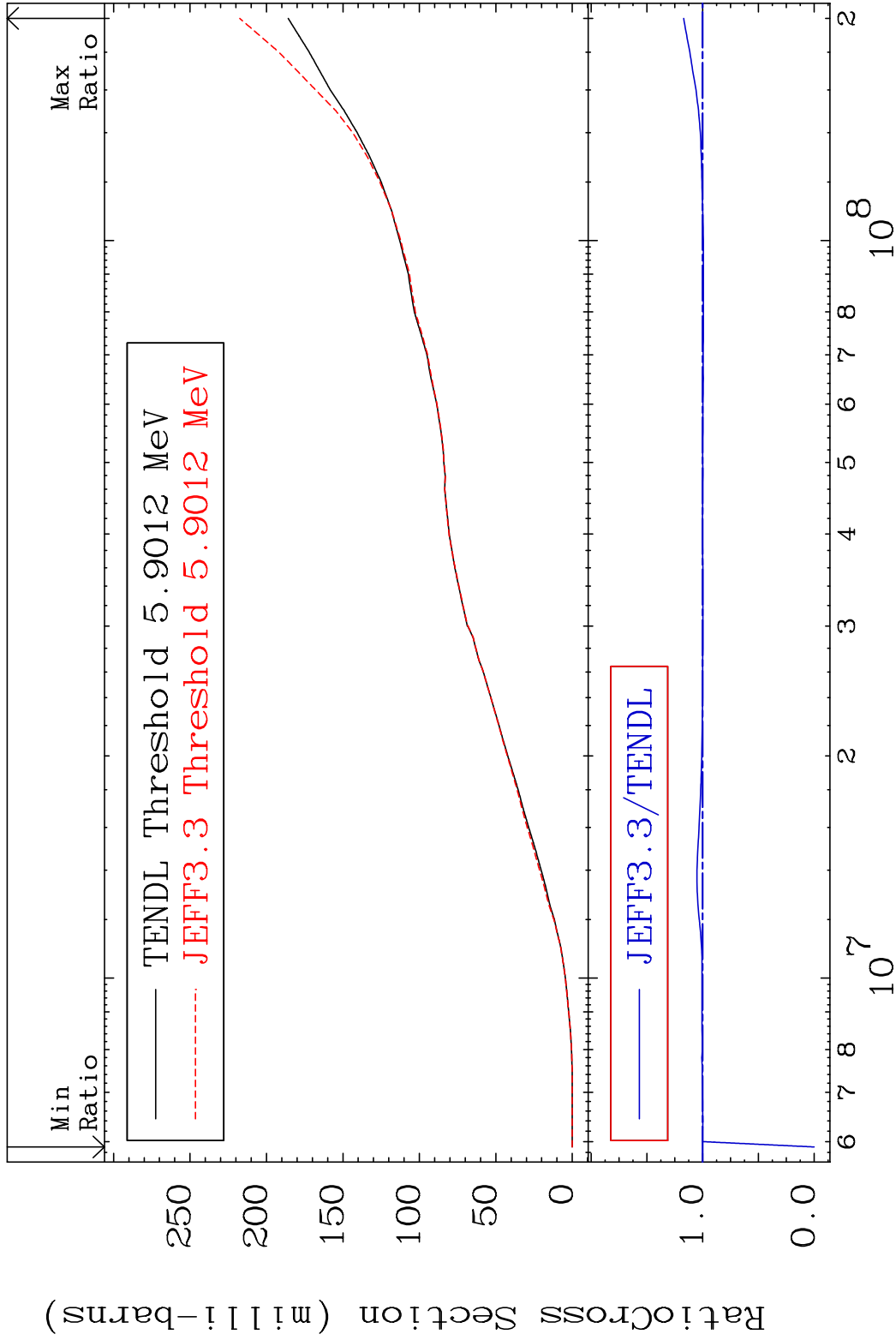


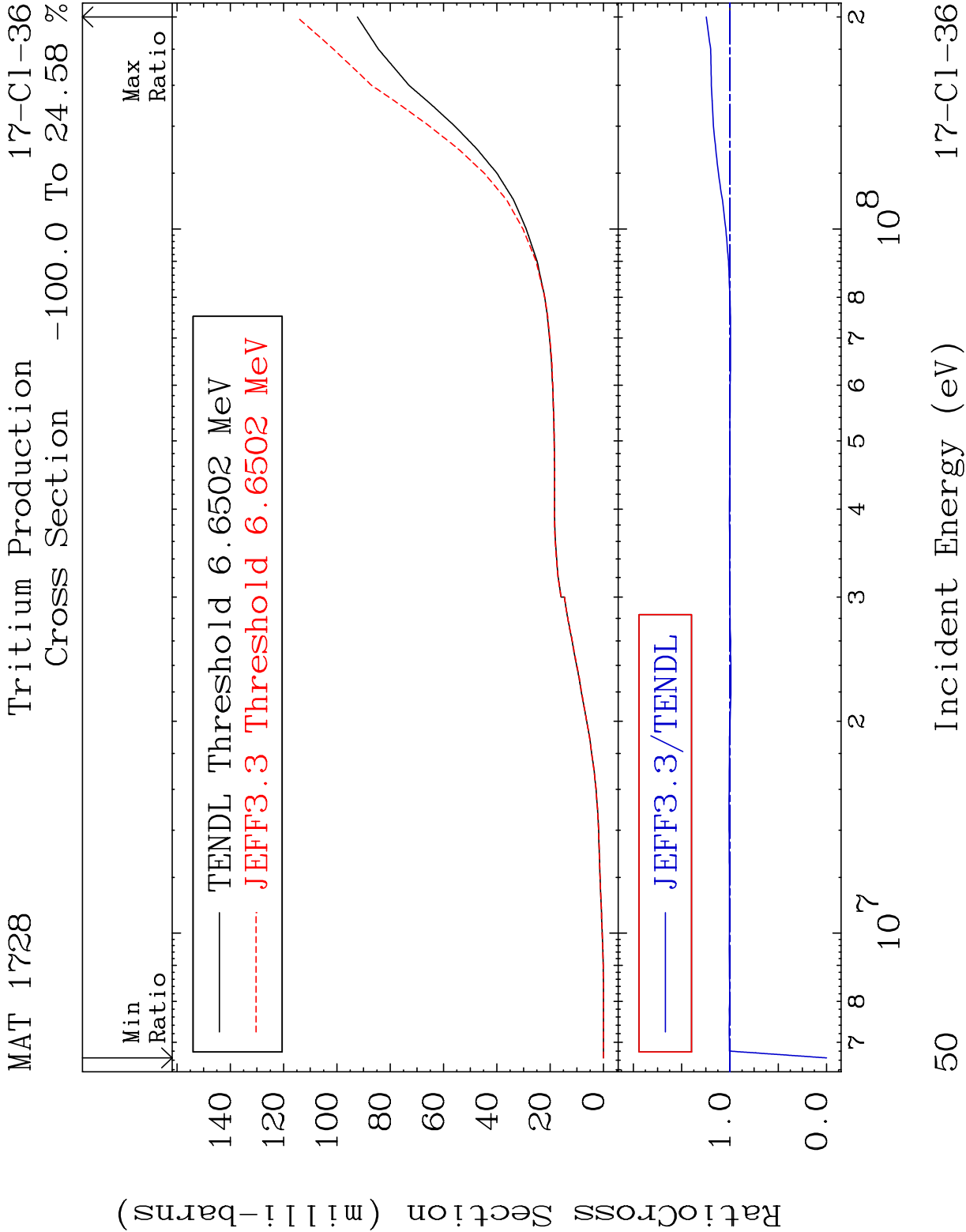
48

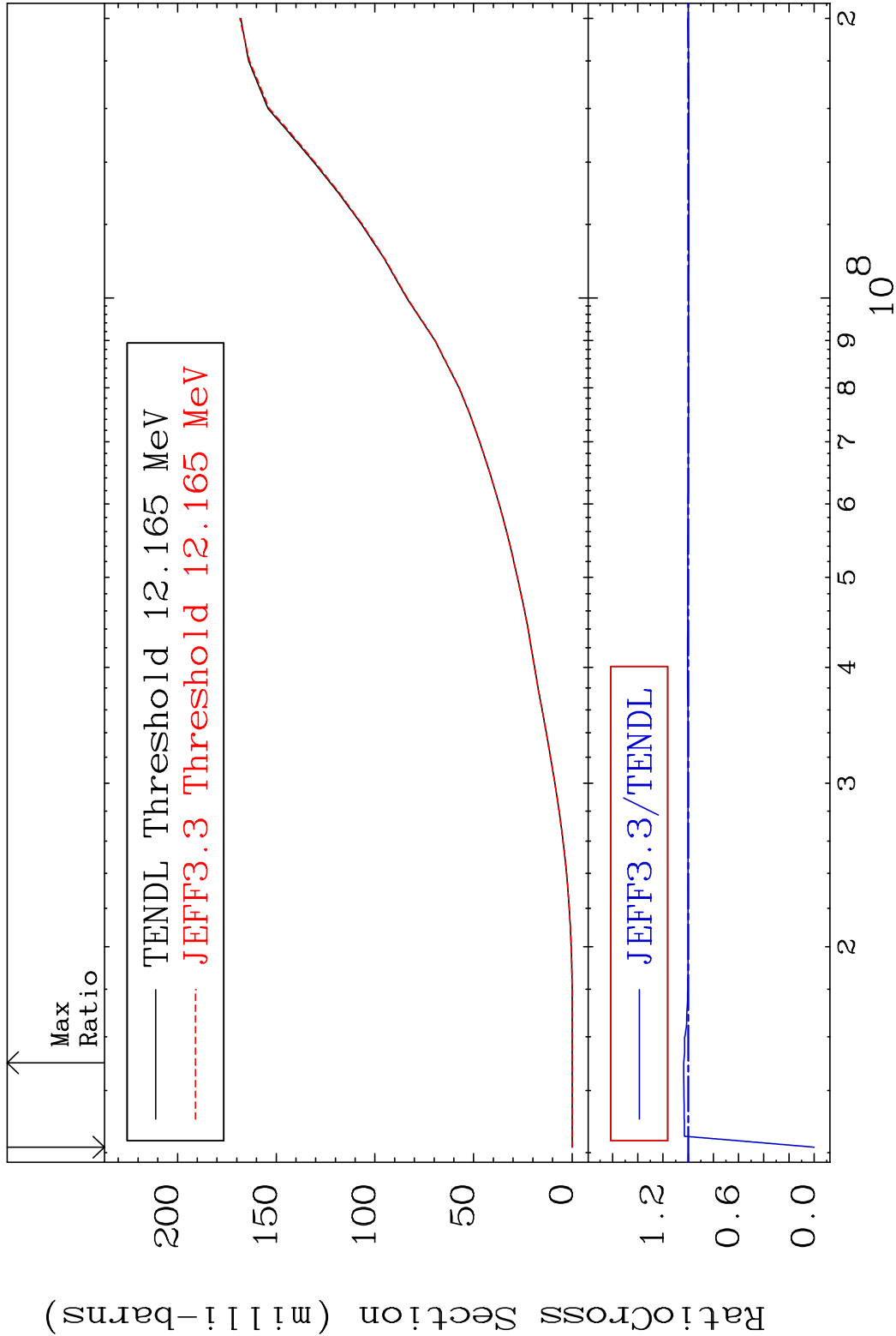
Incident Energy (eV)

17-Cl-36

MAT 1728 Deuterium Production 17-Cl-36
Cross Section -100.0 To 17.05 %





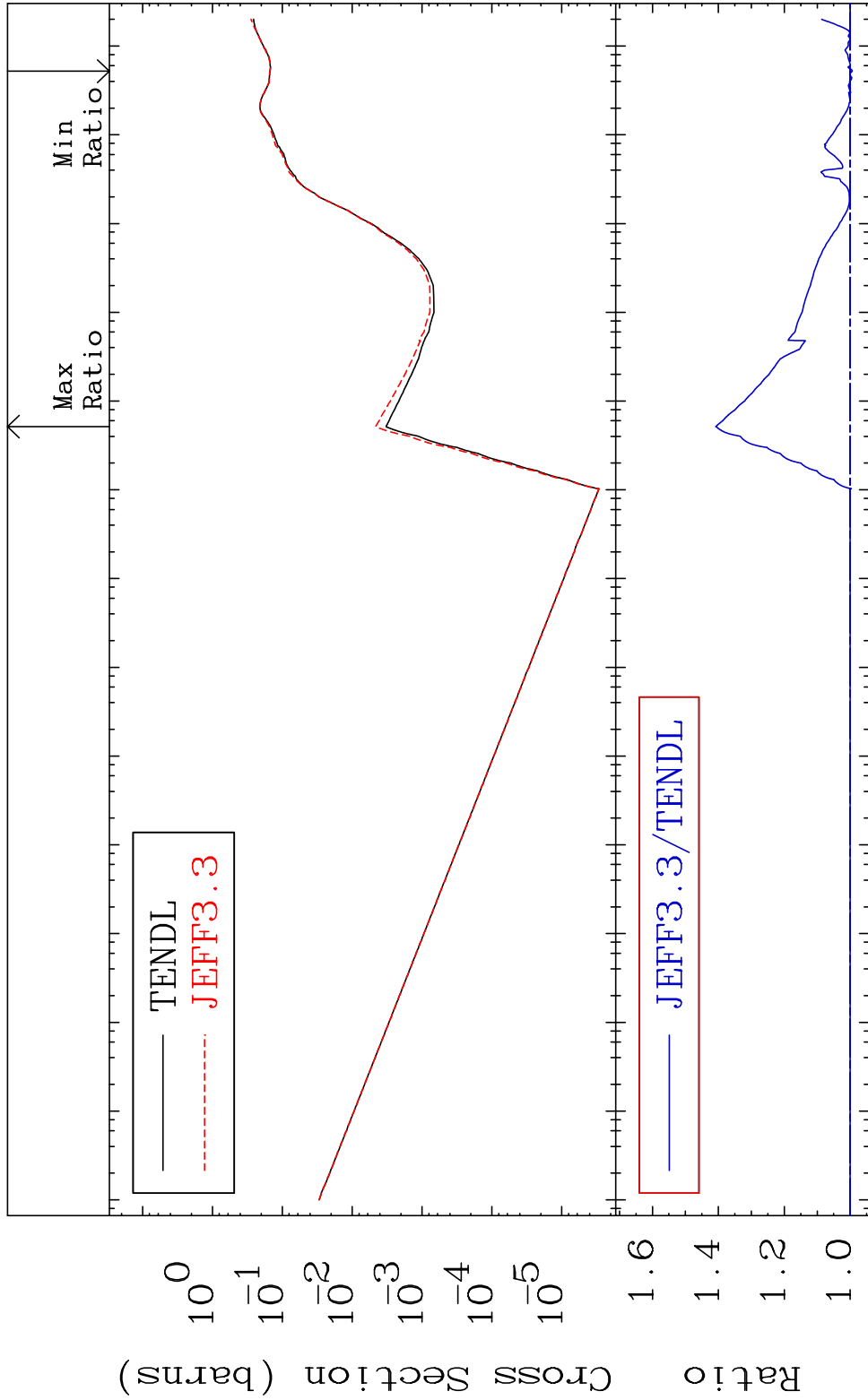


MAT 1728

He-4 Production

17-Cl-36

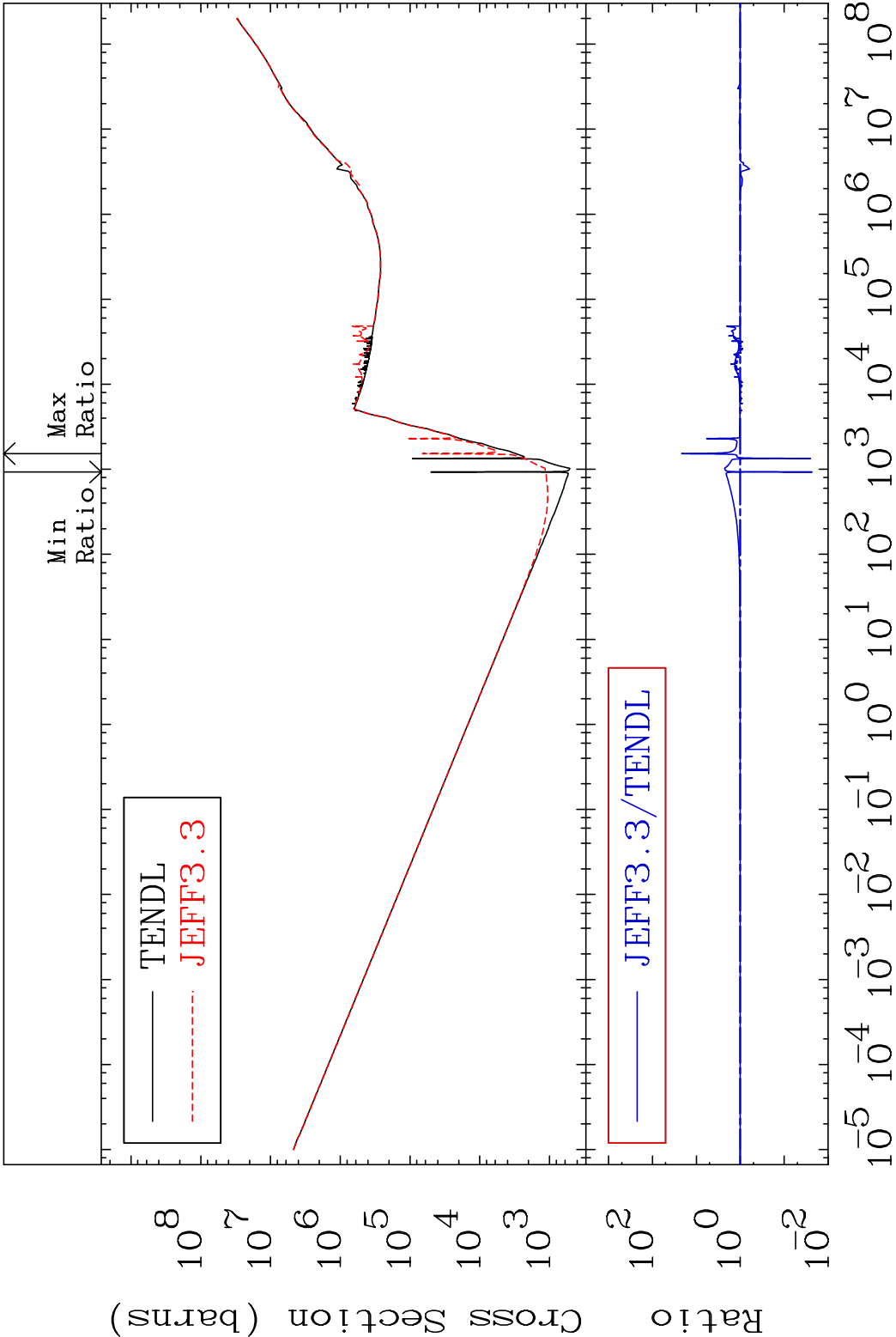
Cross Section -0.616 To 40.82 %

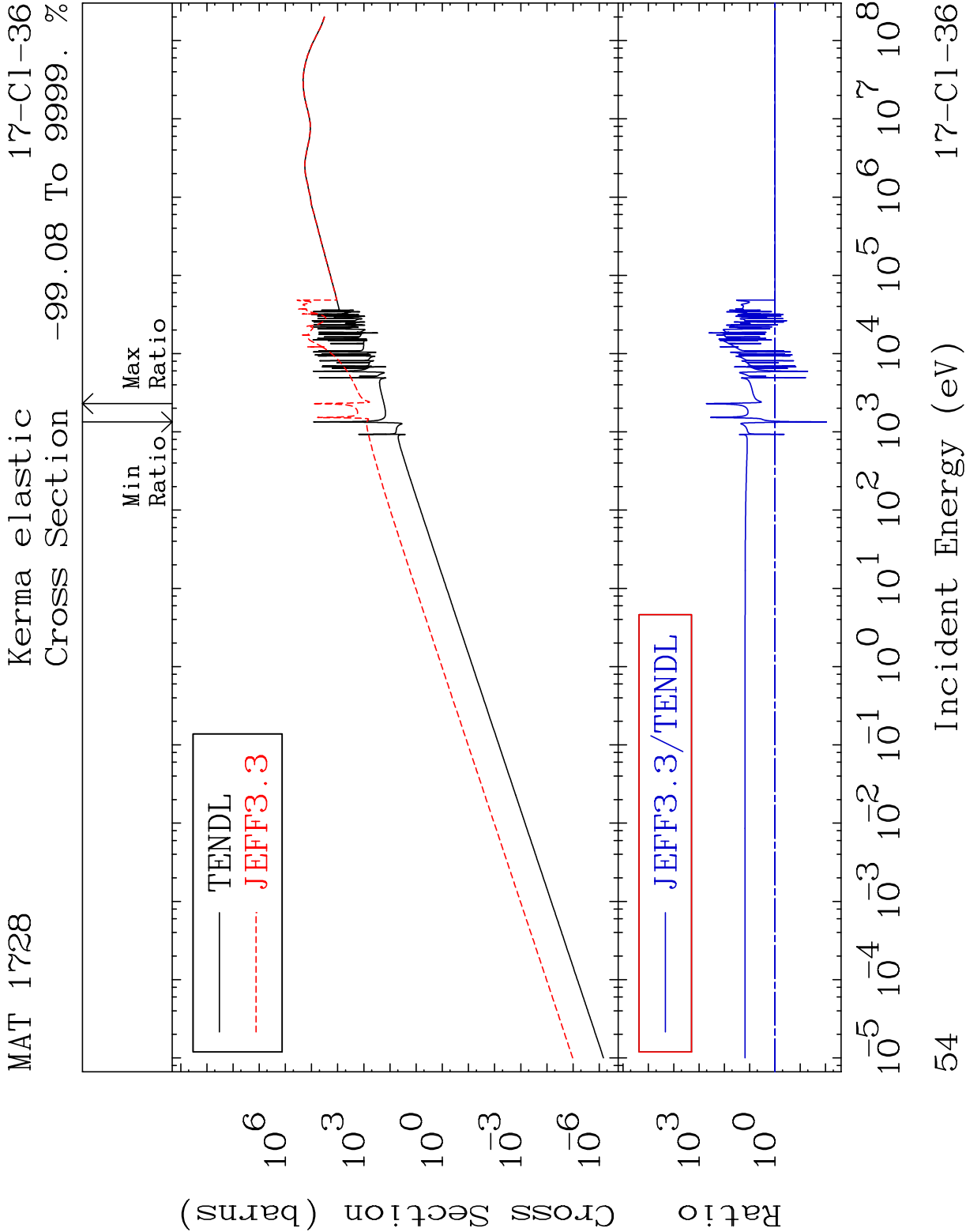


52

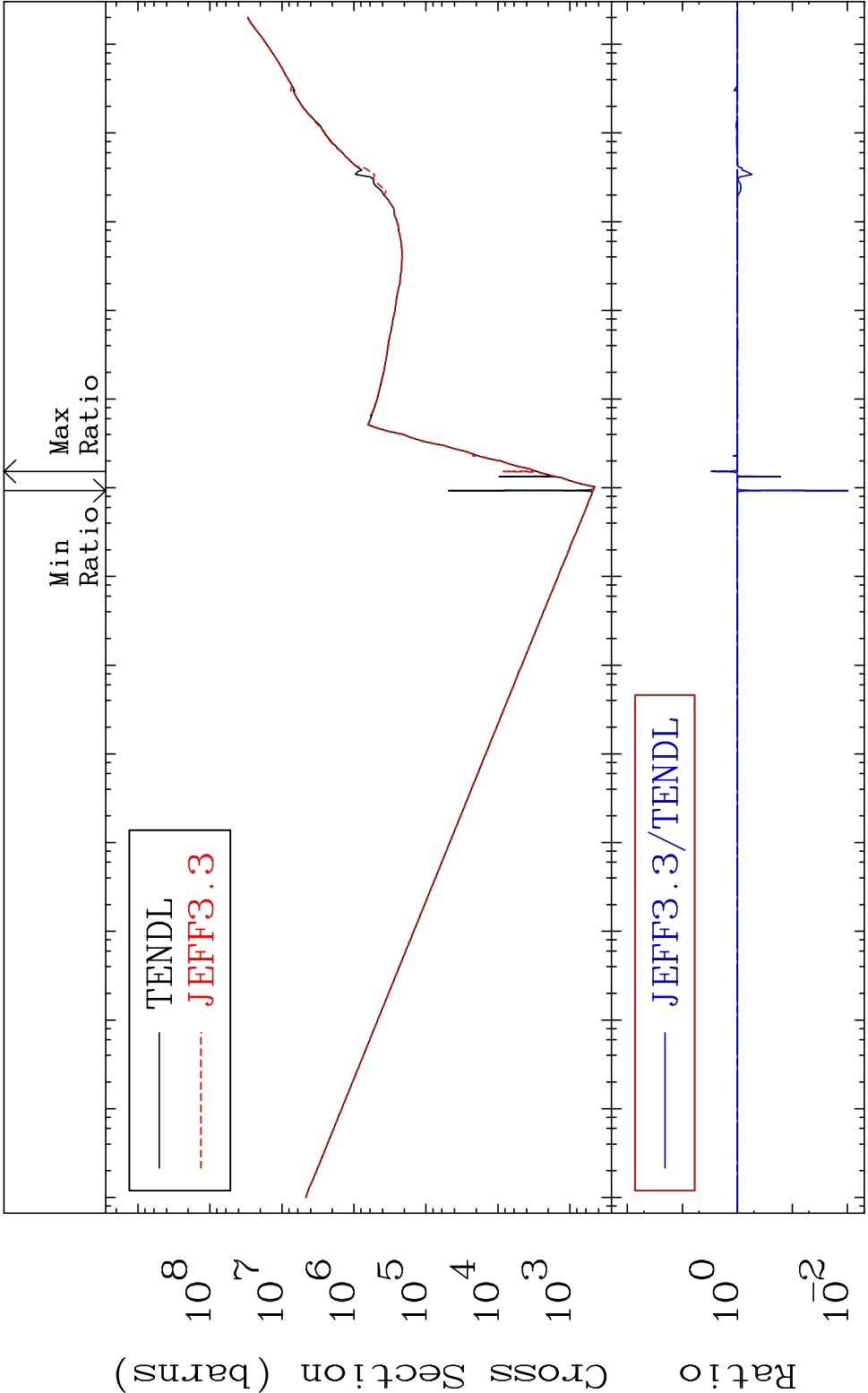
Incident Energy (eV)

17-Cl-36

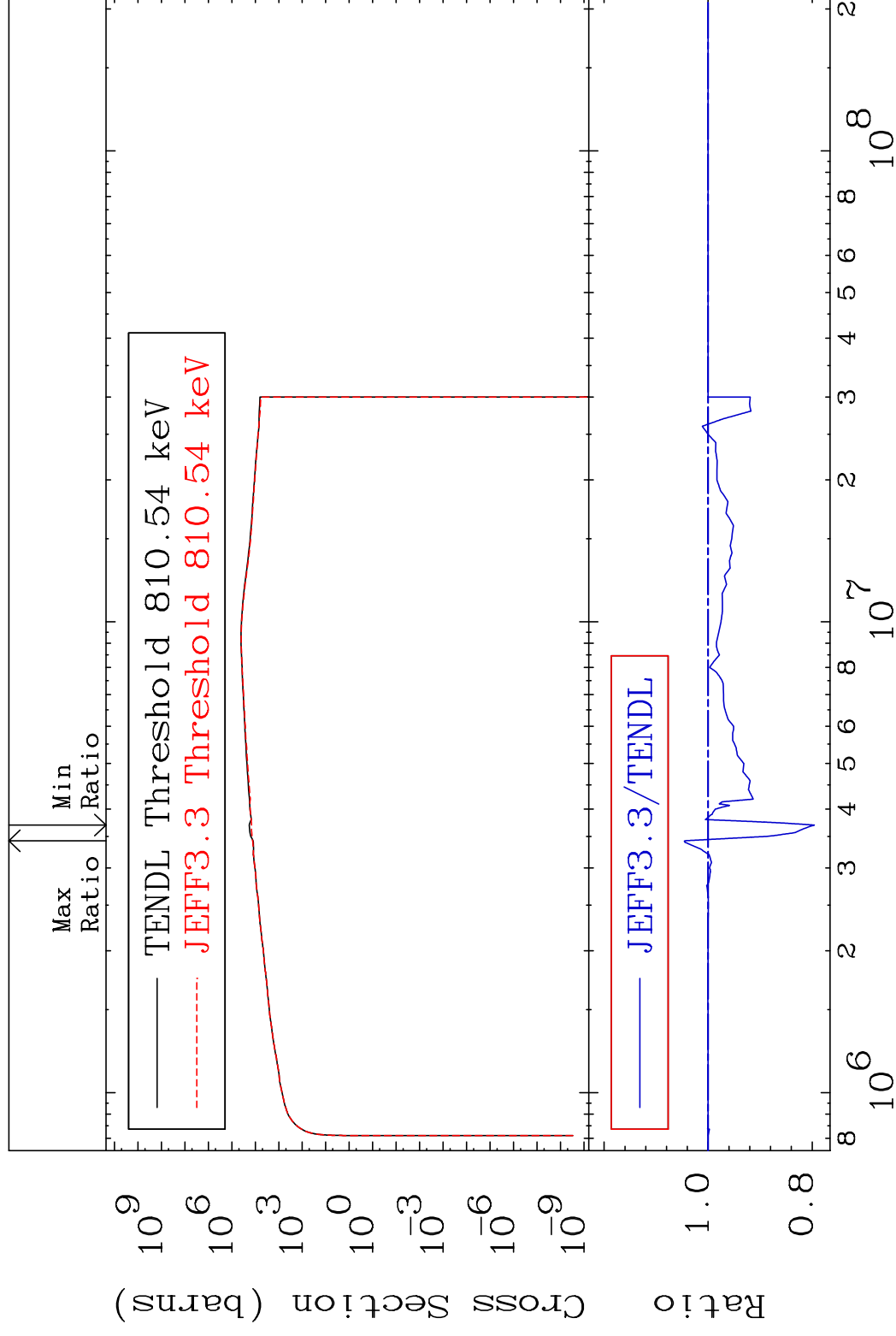




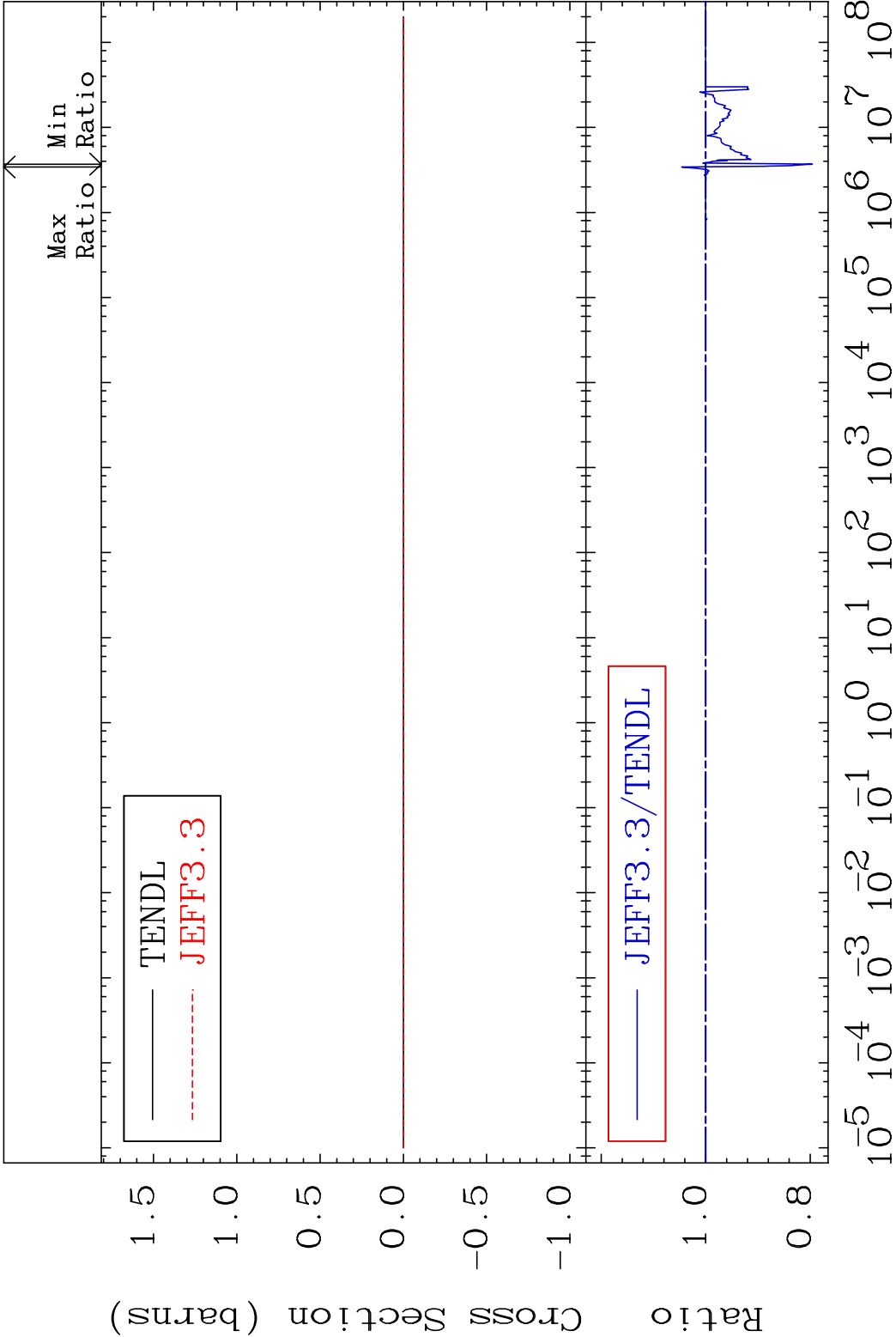
MAT 1728 Kerma non-elastic (all but mt2) 17-Cl-36
Cross Section -99.02 To 197.3 %

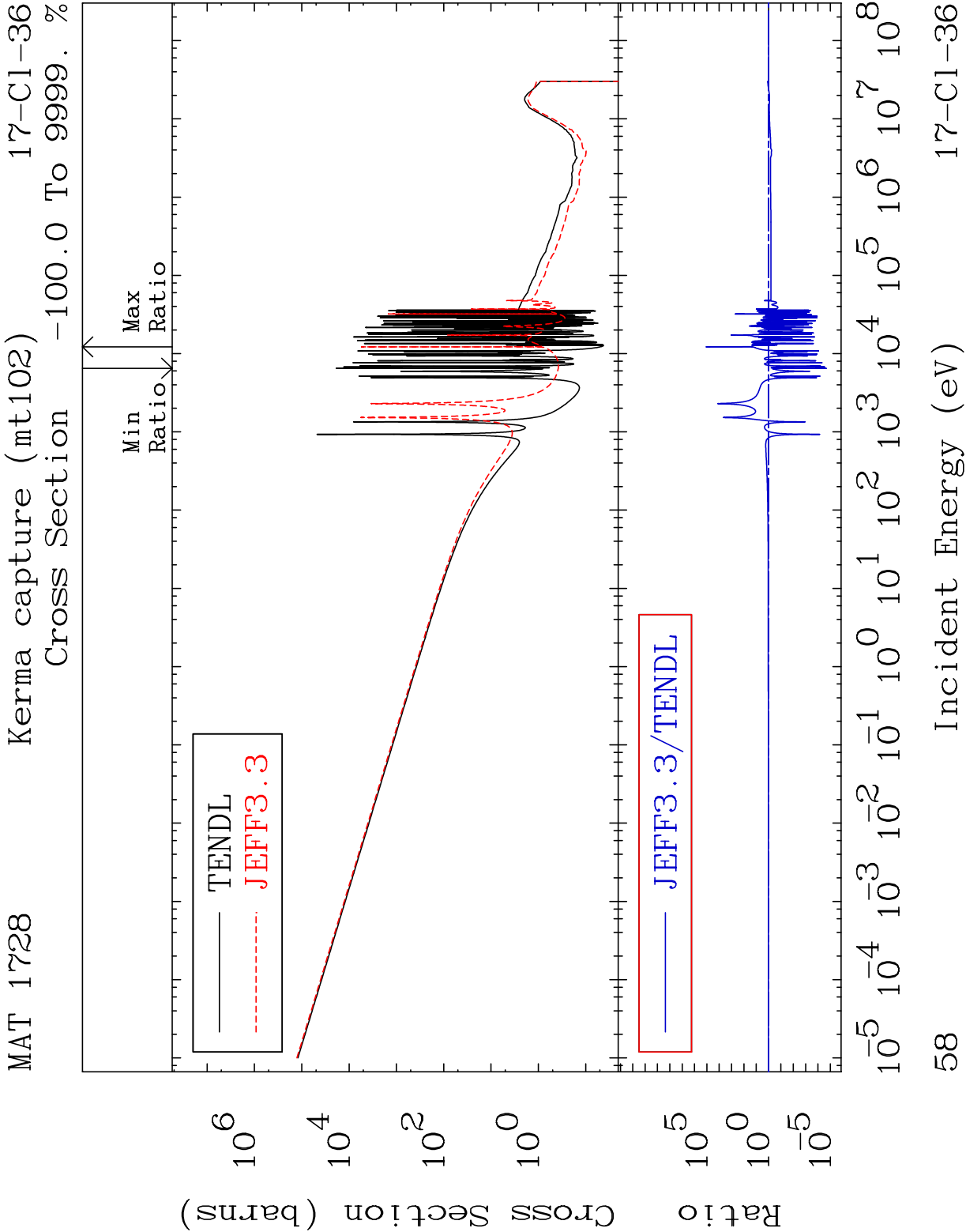


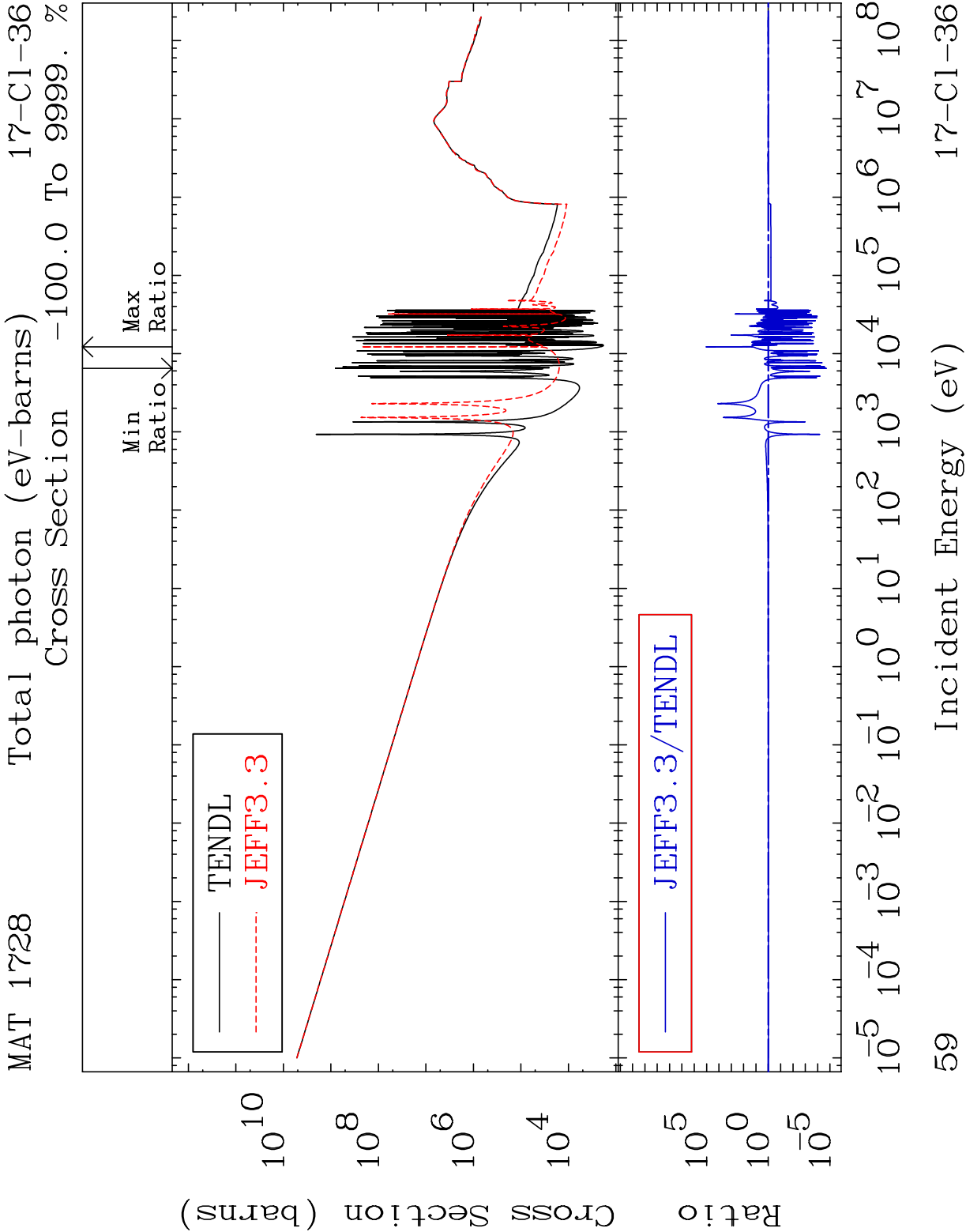
Incident Energy (eV) 17-Cl-36



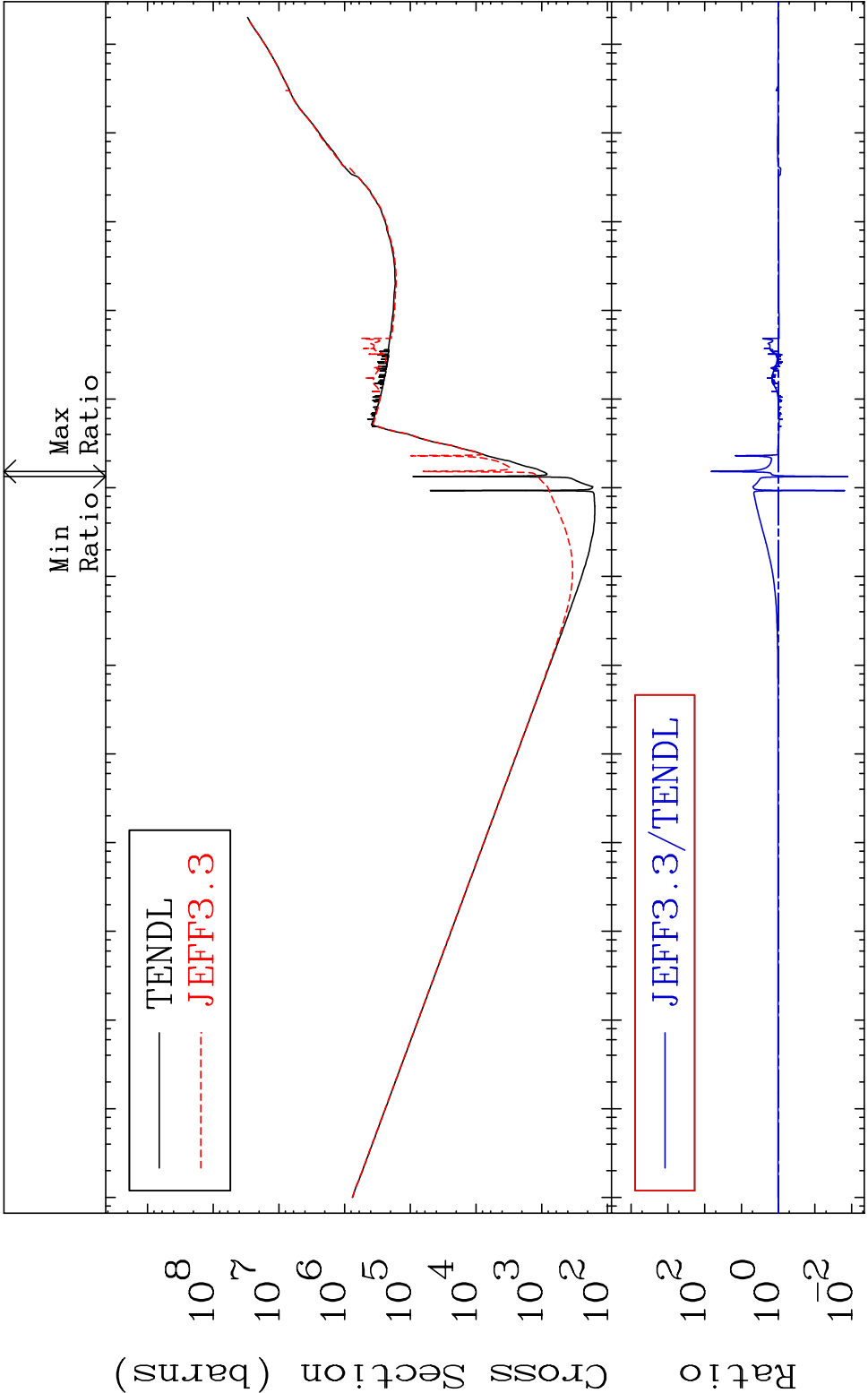
MAT 1728Kerma fission (mt18 or mt19-20-21-38) 17-Cl-36
Cross Section -20.41 To 4.632 %





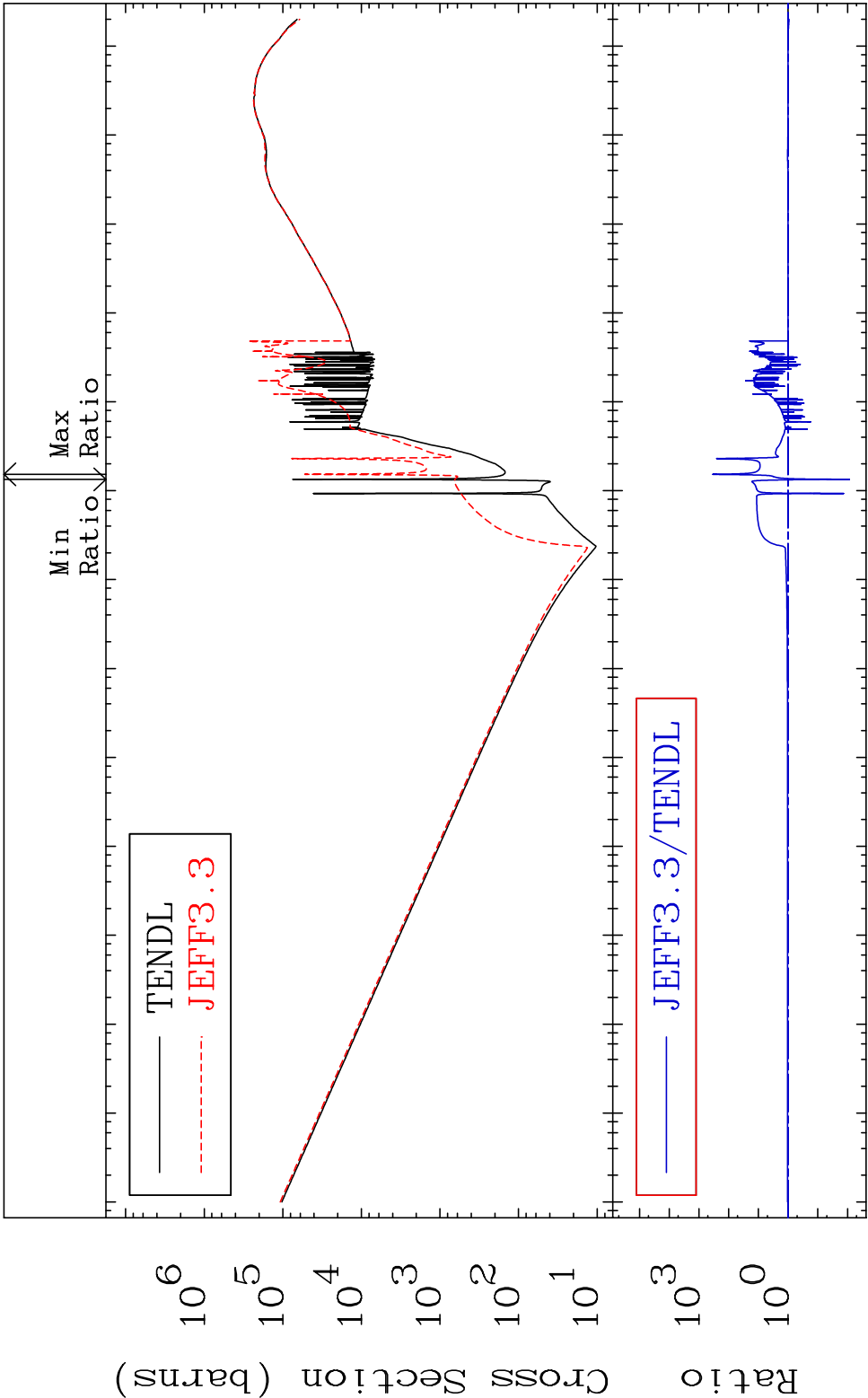


MAT 1728 Total kinematic kerma (high limit) 17-Cl-36
Cross Section -98.72 To 6479. %



60 Incident Energy (eV) 17-Cl-36

MAT 1728 Dpa total (eV-barns) 17-Cl-36
Cross Section -99.14 To 9999. %



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

61 Incident Energy (eV) 17-Cl-36

