

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

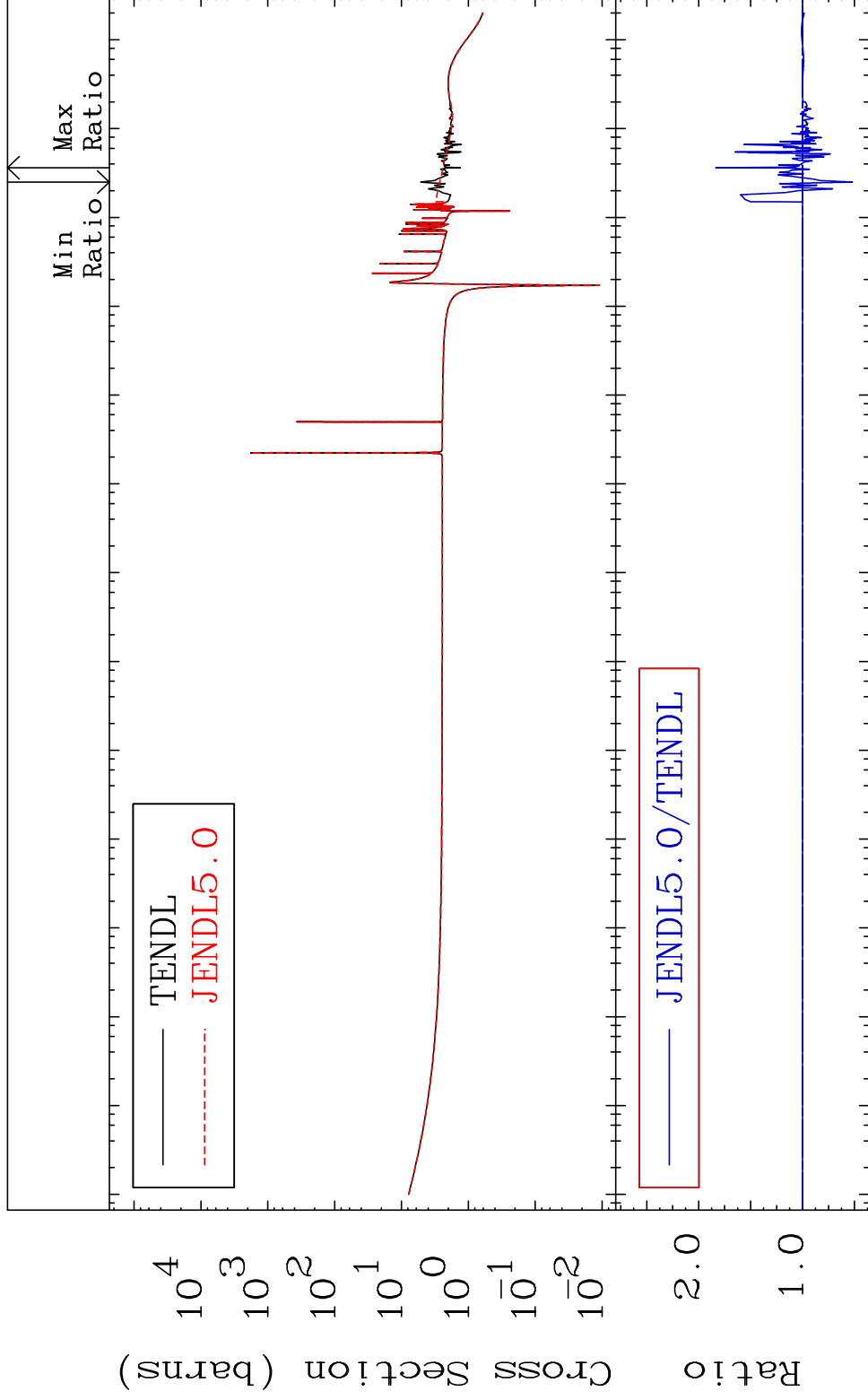
MAT 1431

Total

14-Si-30

Cross Section

-47.80 To 83.63 %



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

1

Incident Energy (eV)

14-Si-30

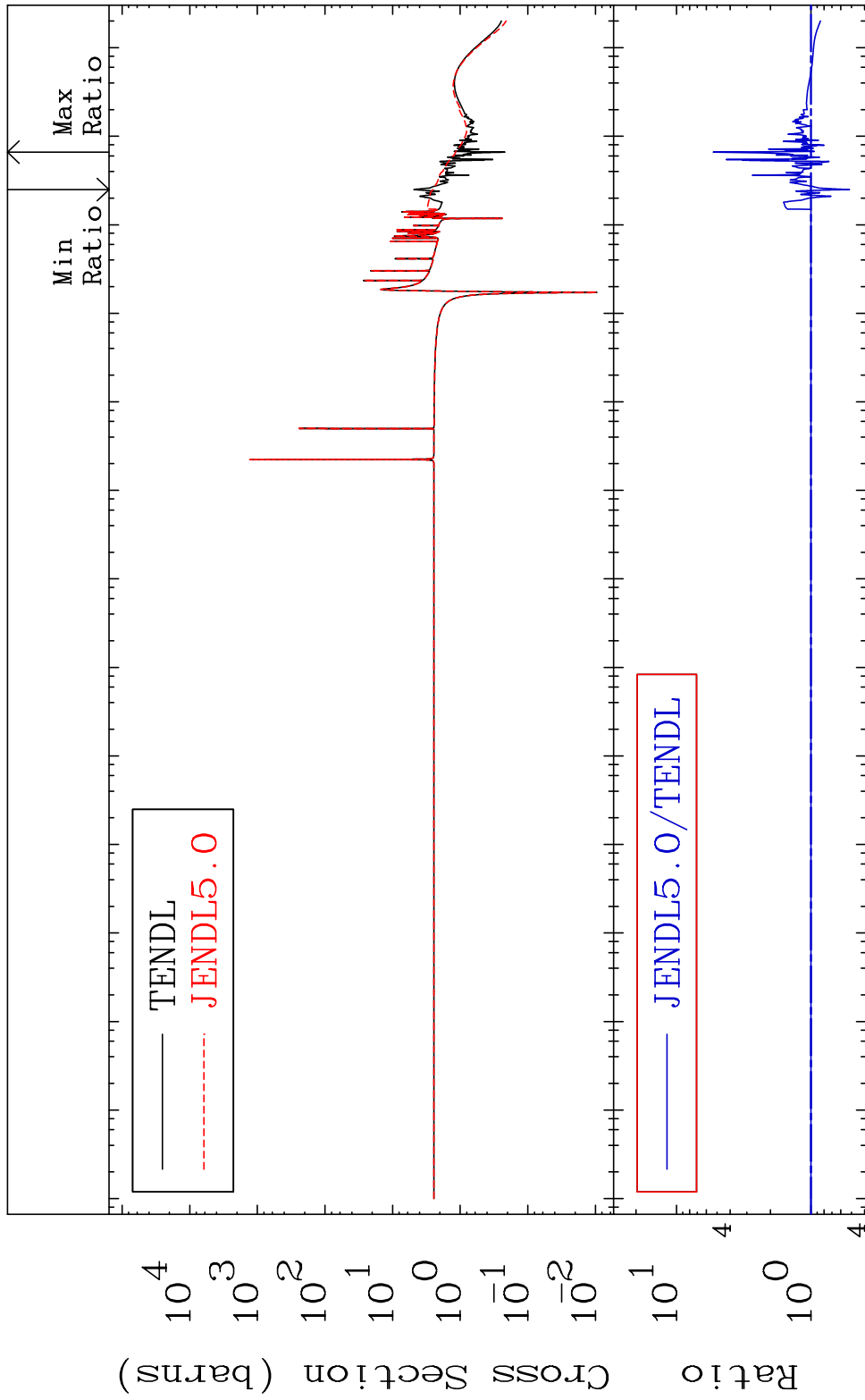
MAT 1431

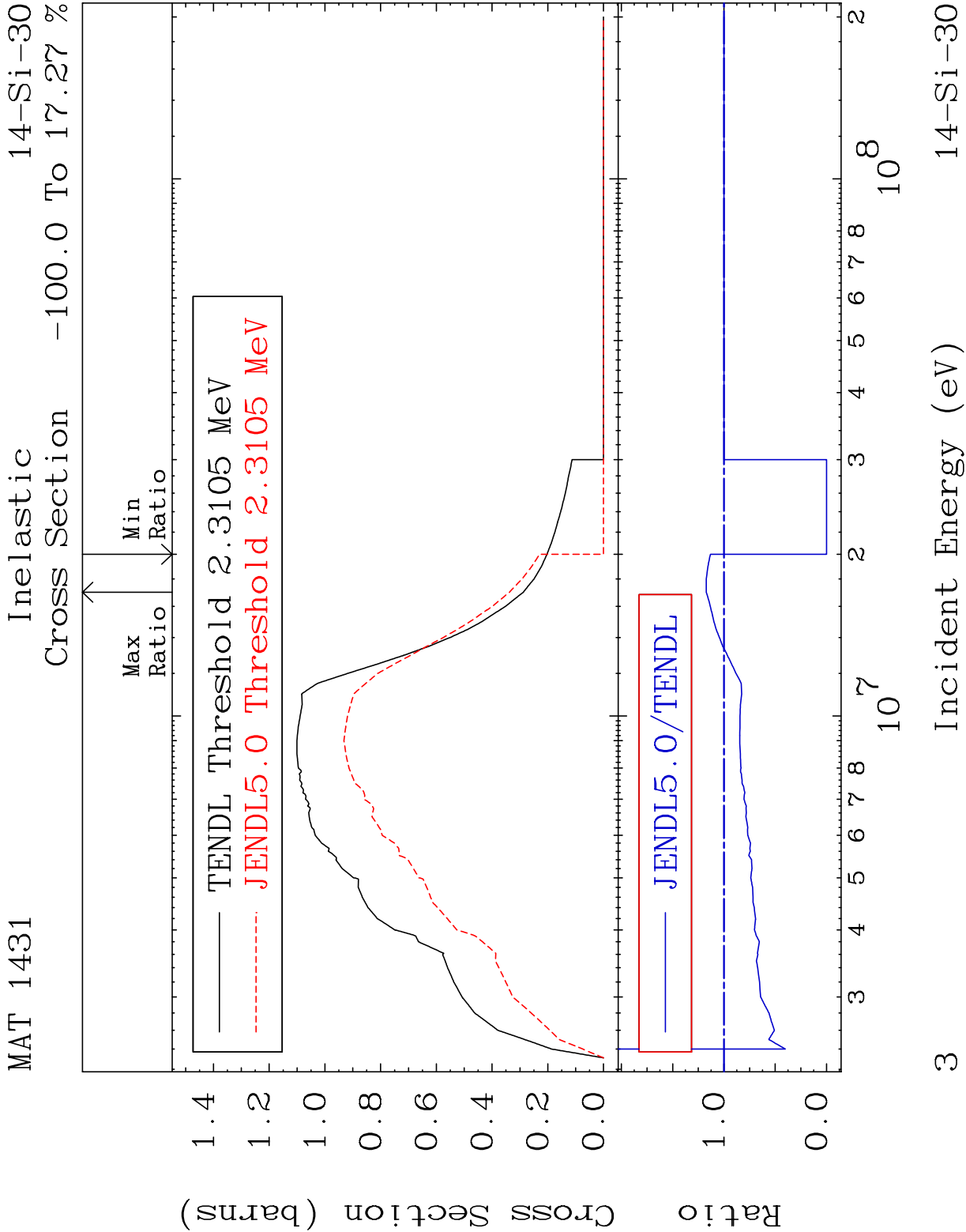
Elastic

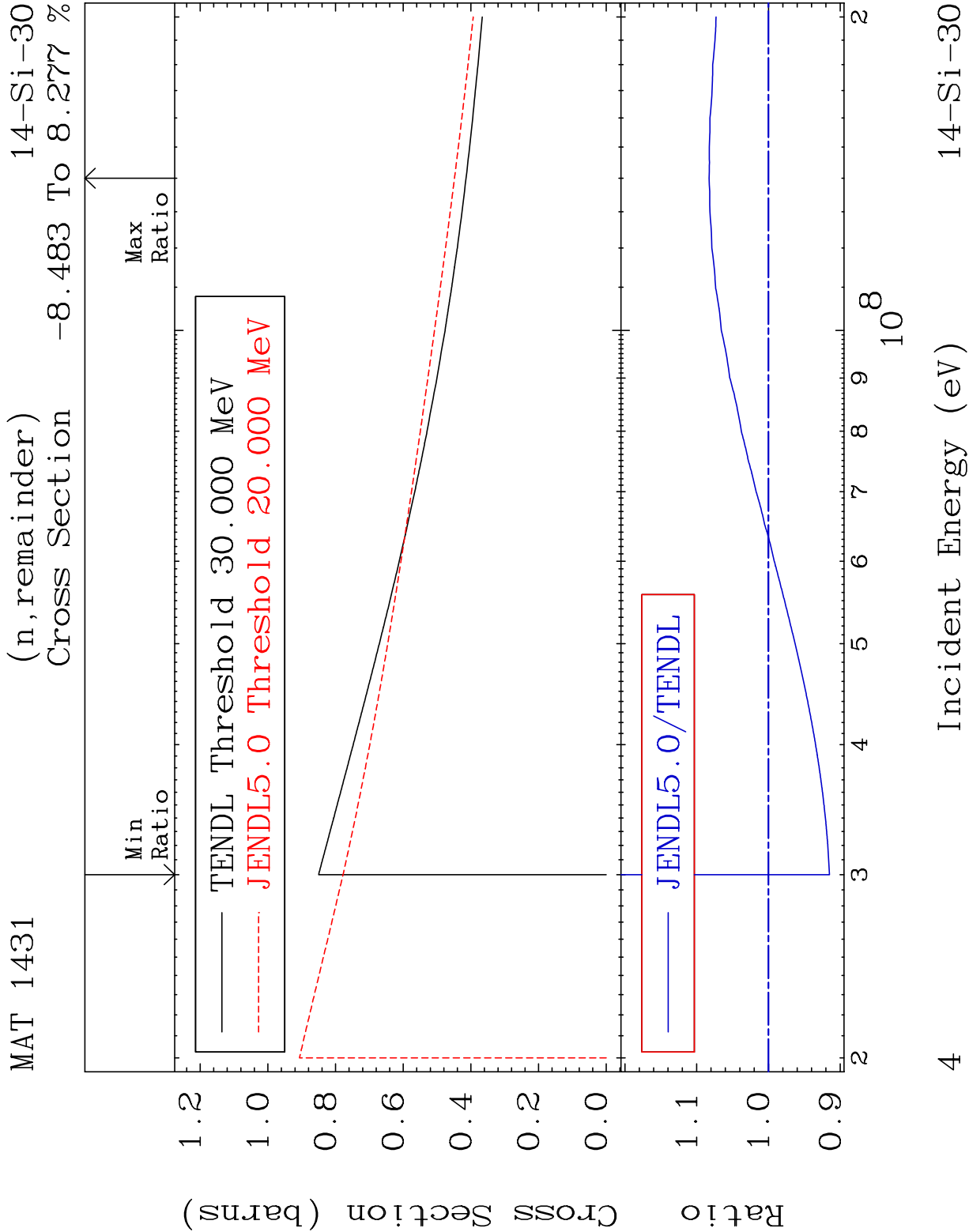
14-Si-30

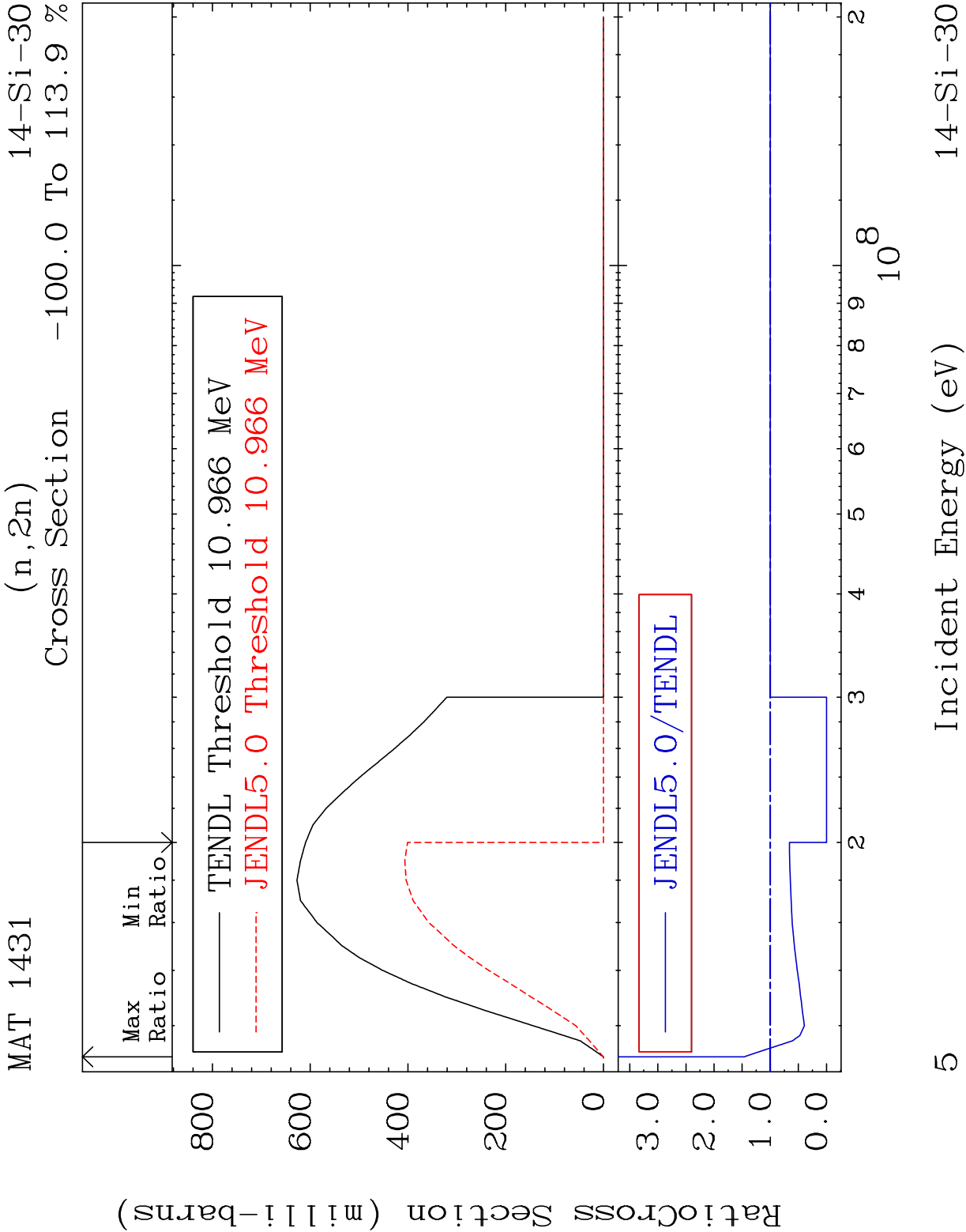
Cross Section

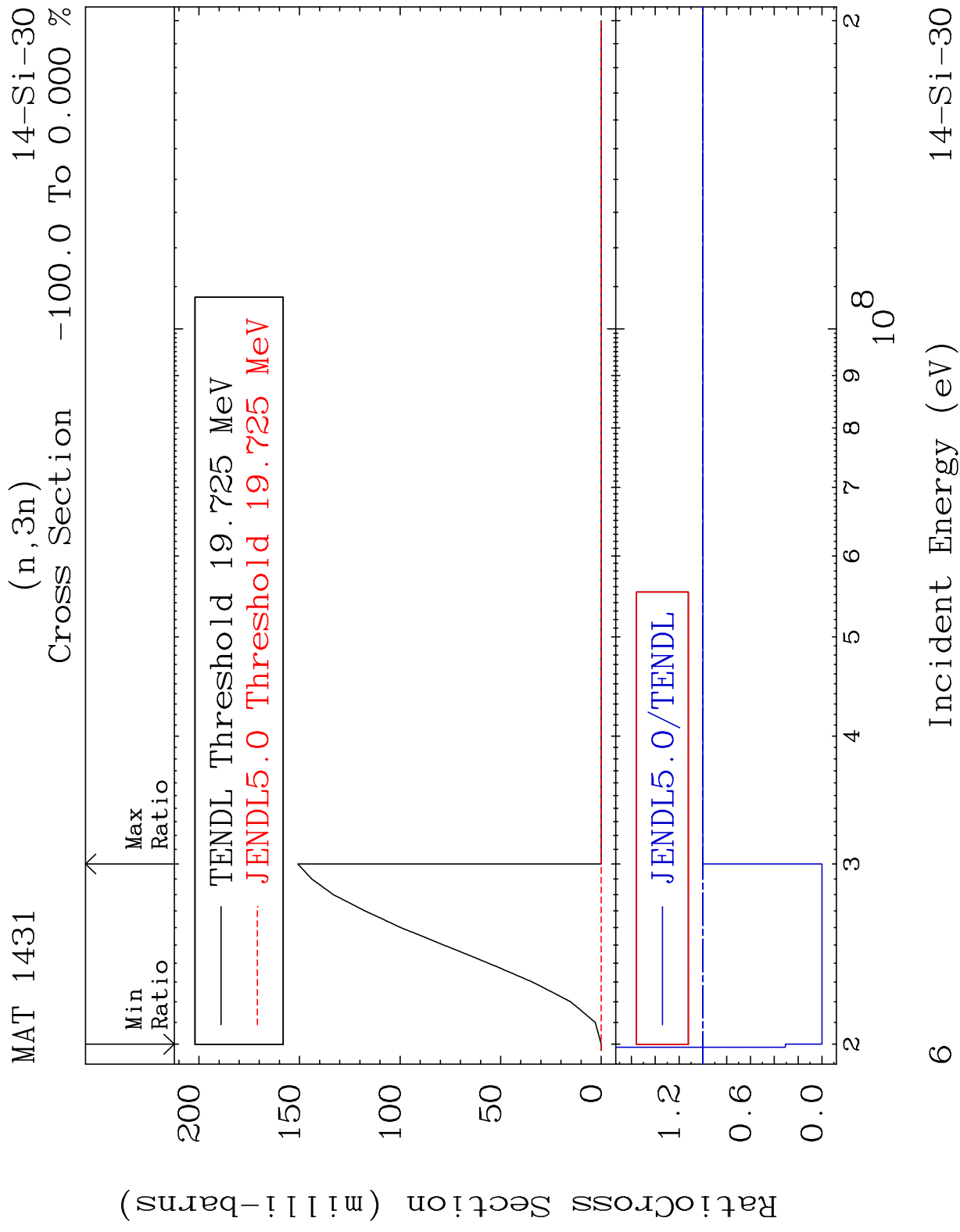
-48.05 To 433.7 %









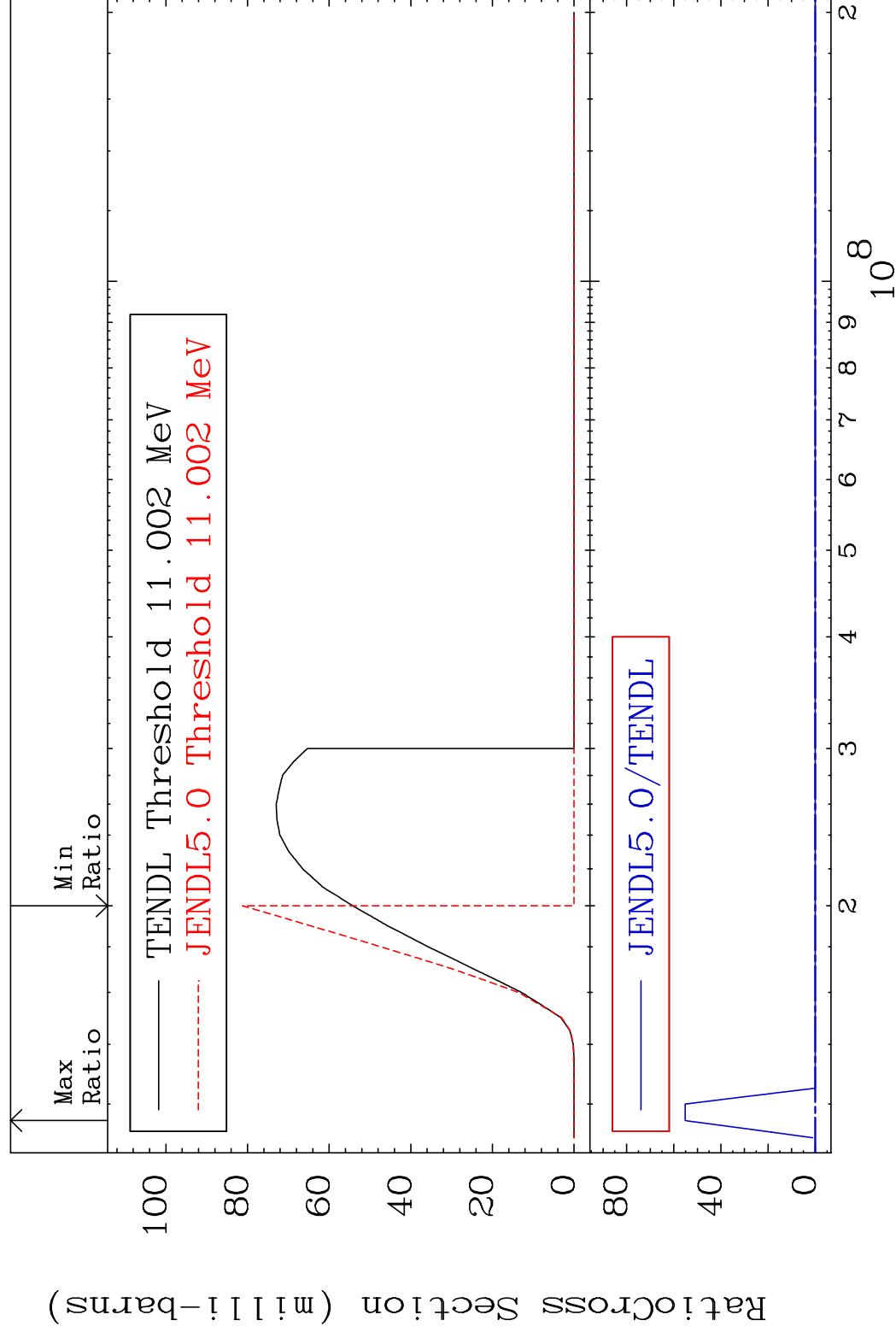


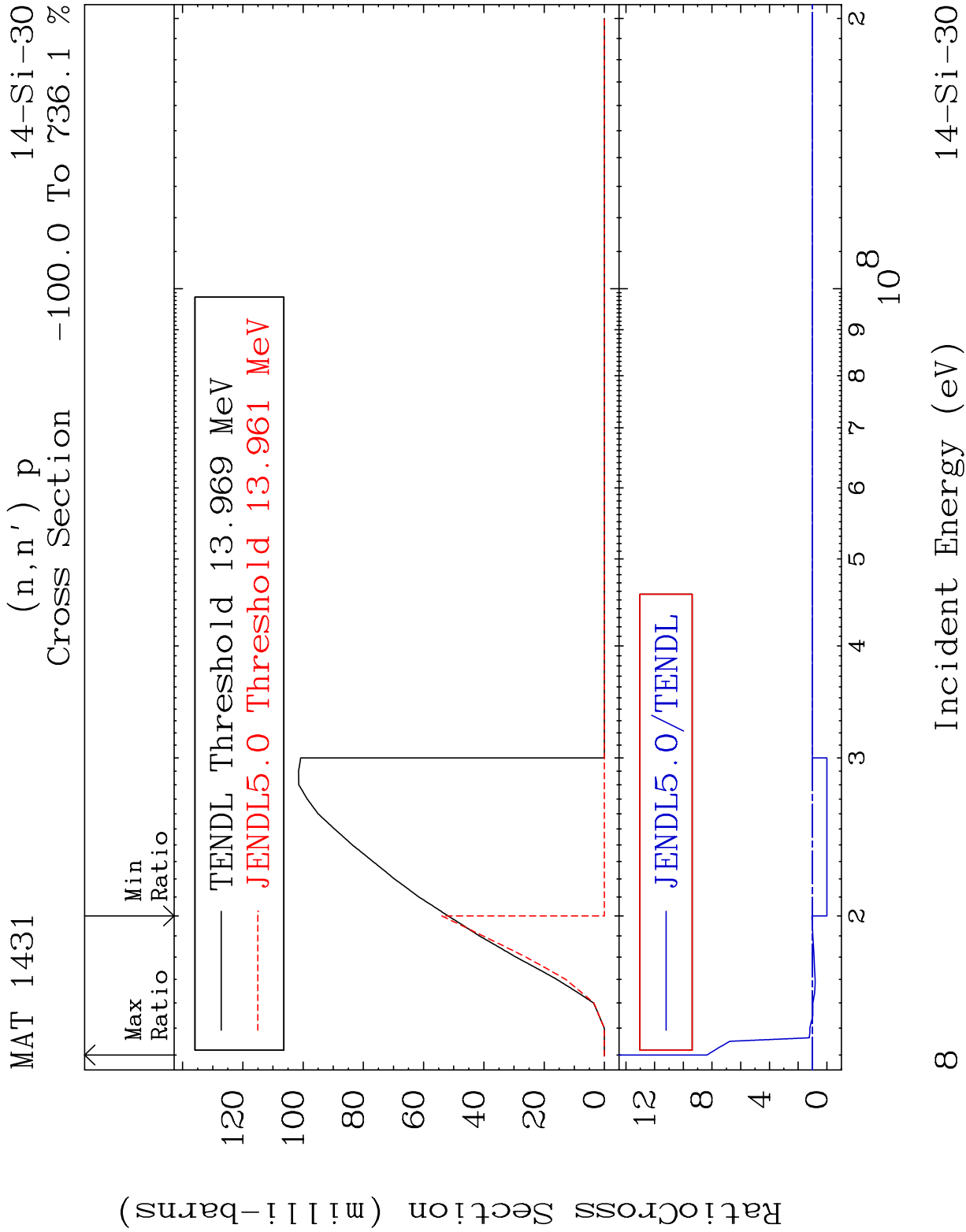
MAT 1431

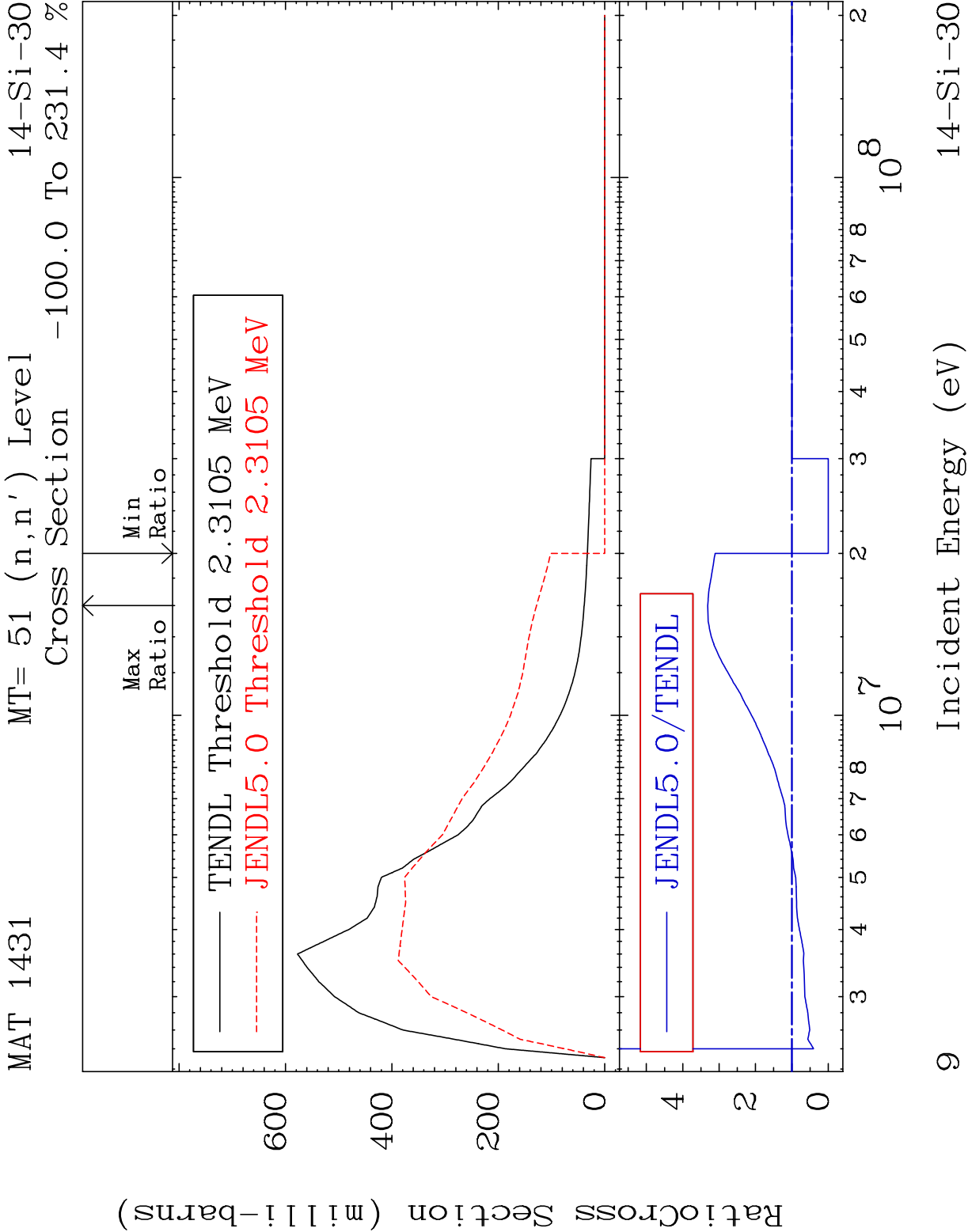
$$(n, n') \propto$$

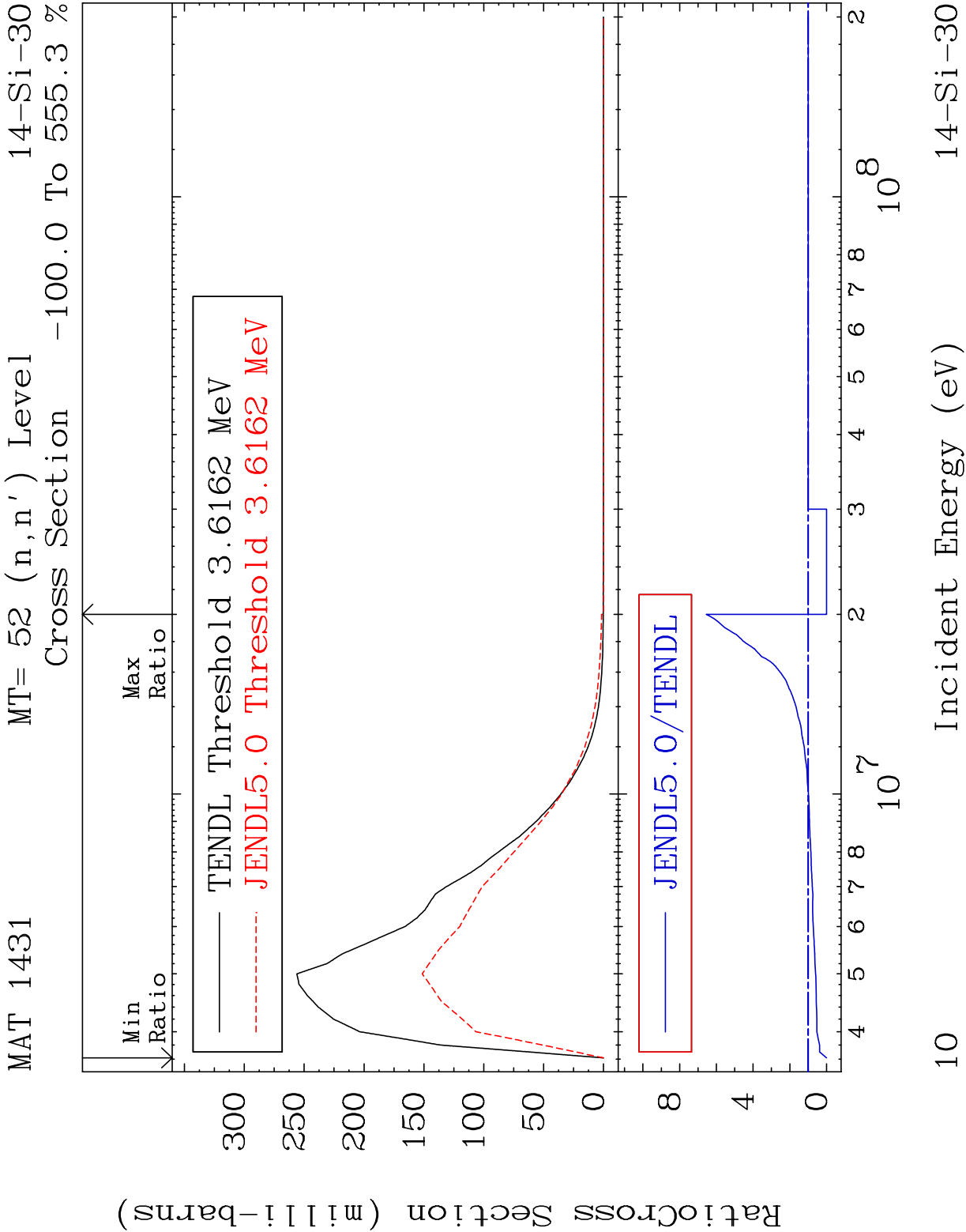
14-Si-30

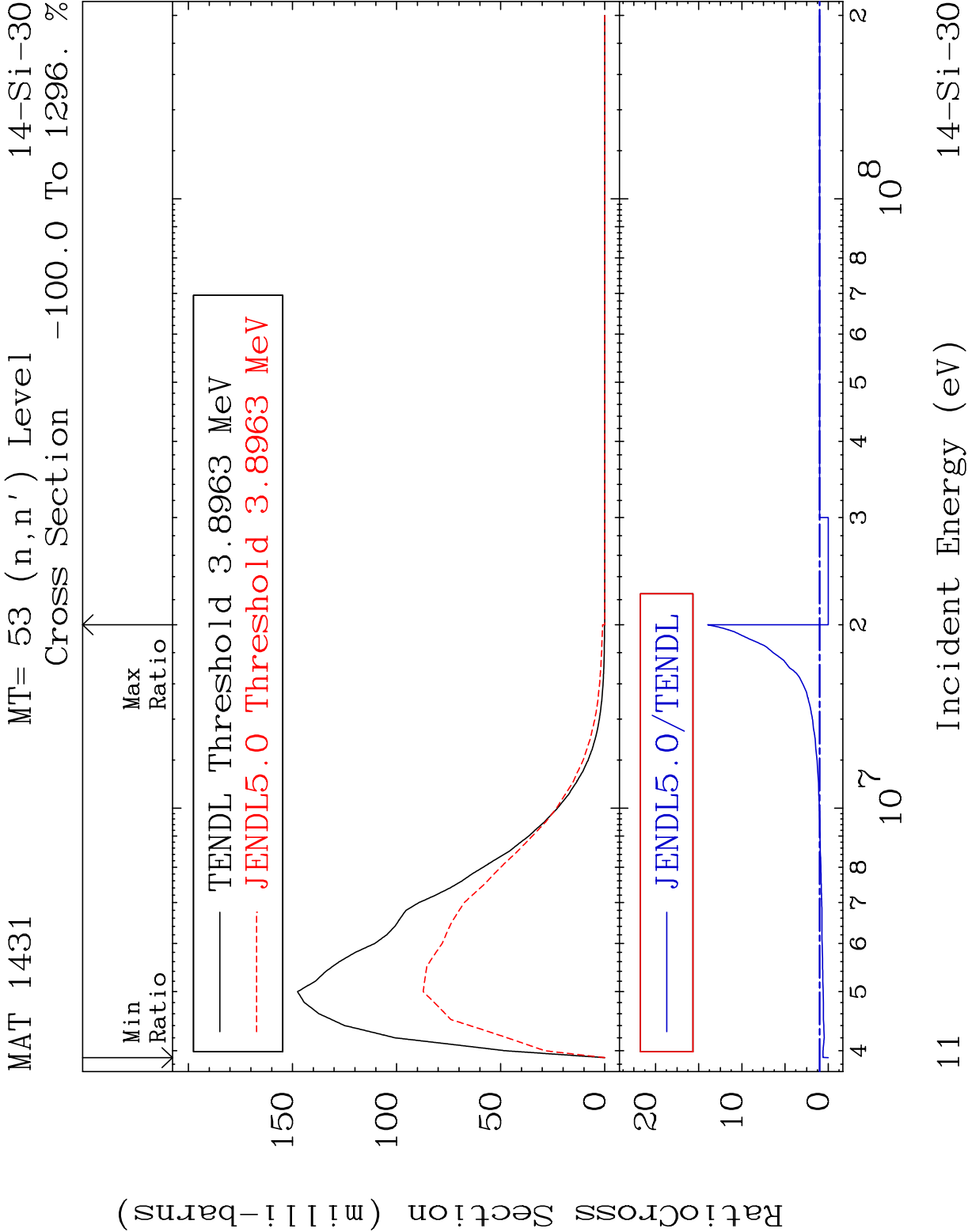
Cross Section -100.0 To 9999. %

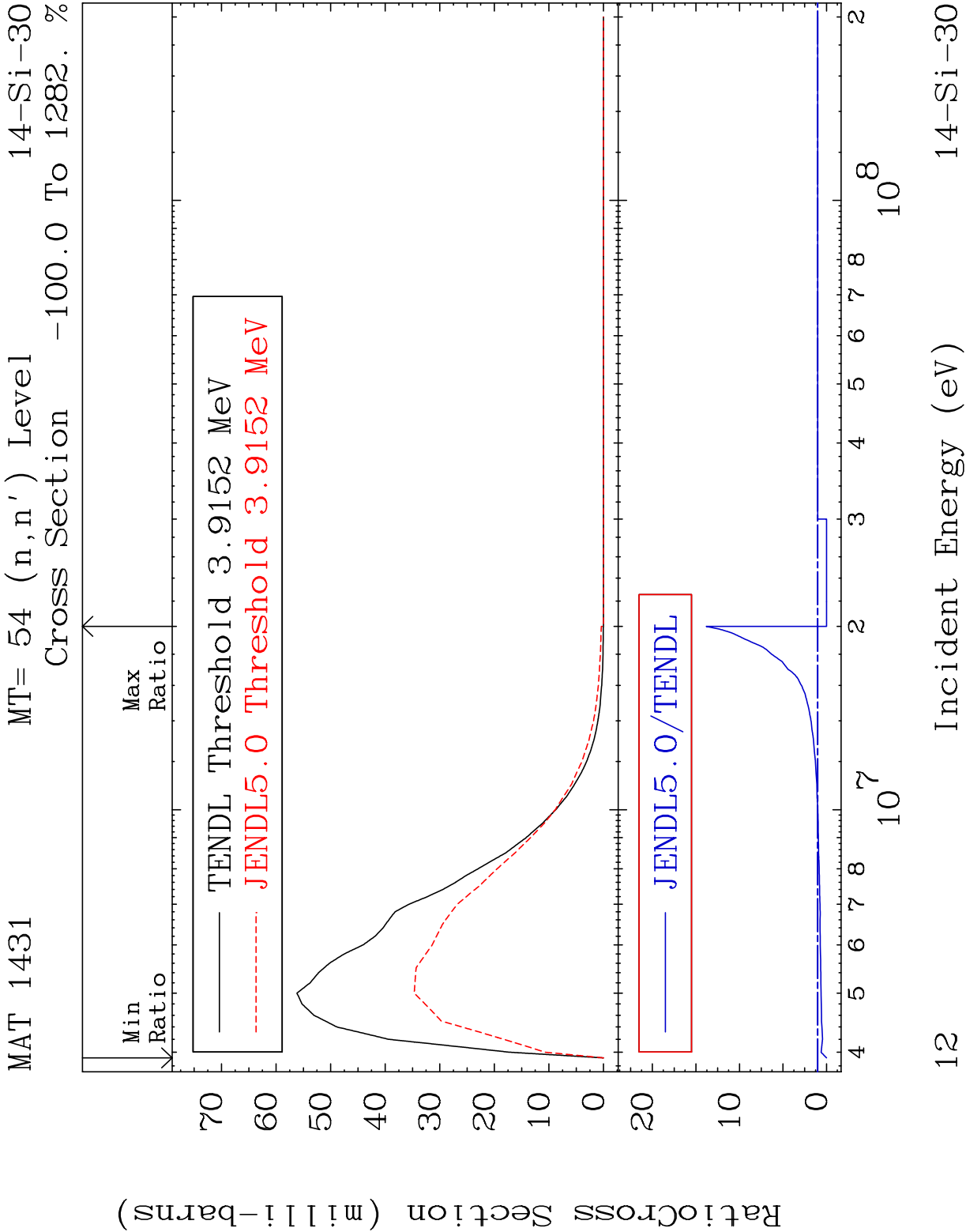




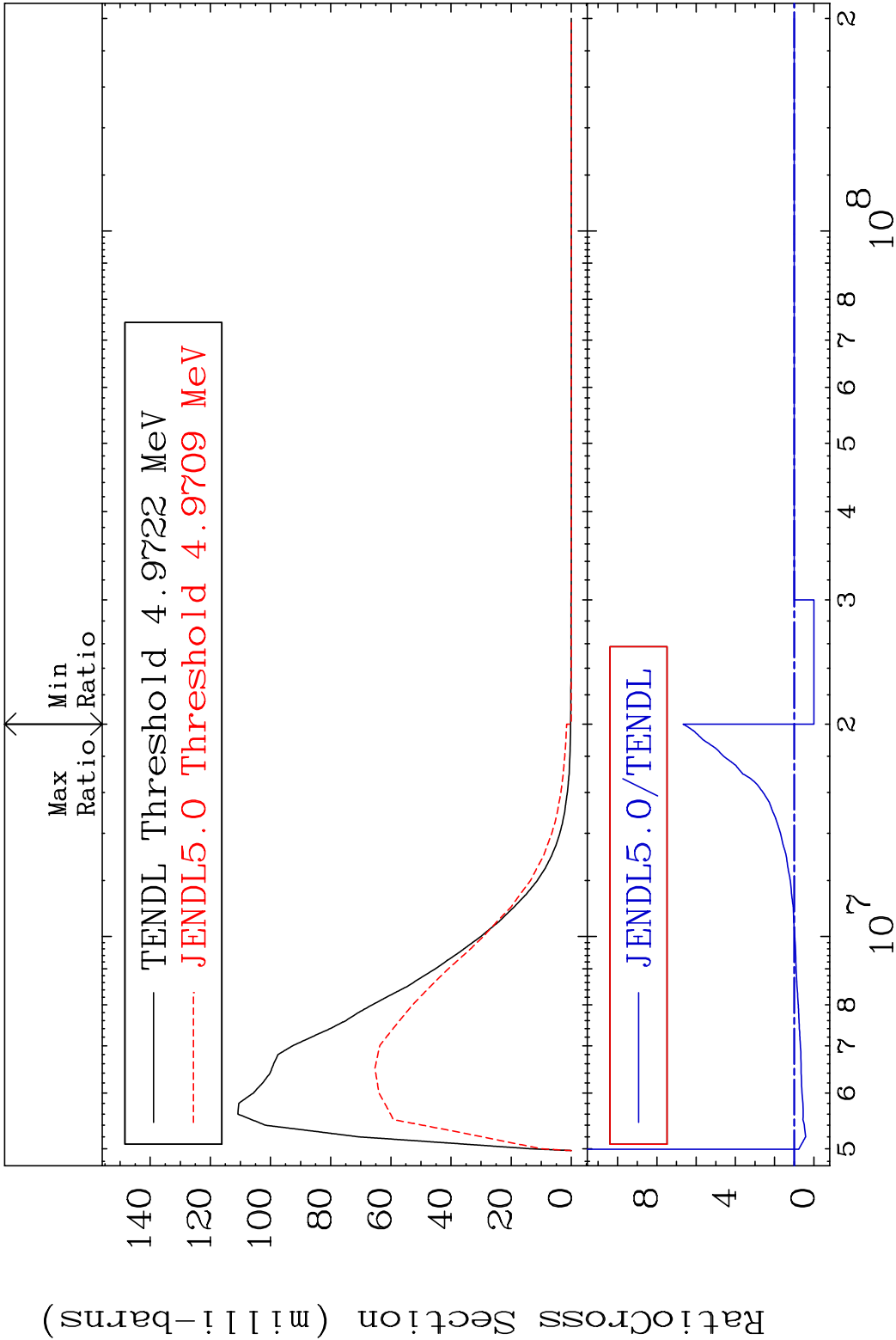


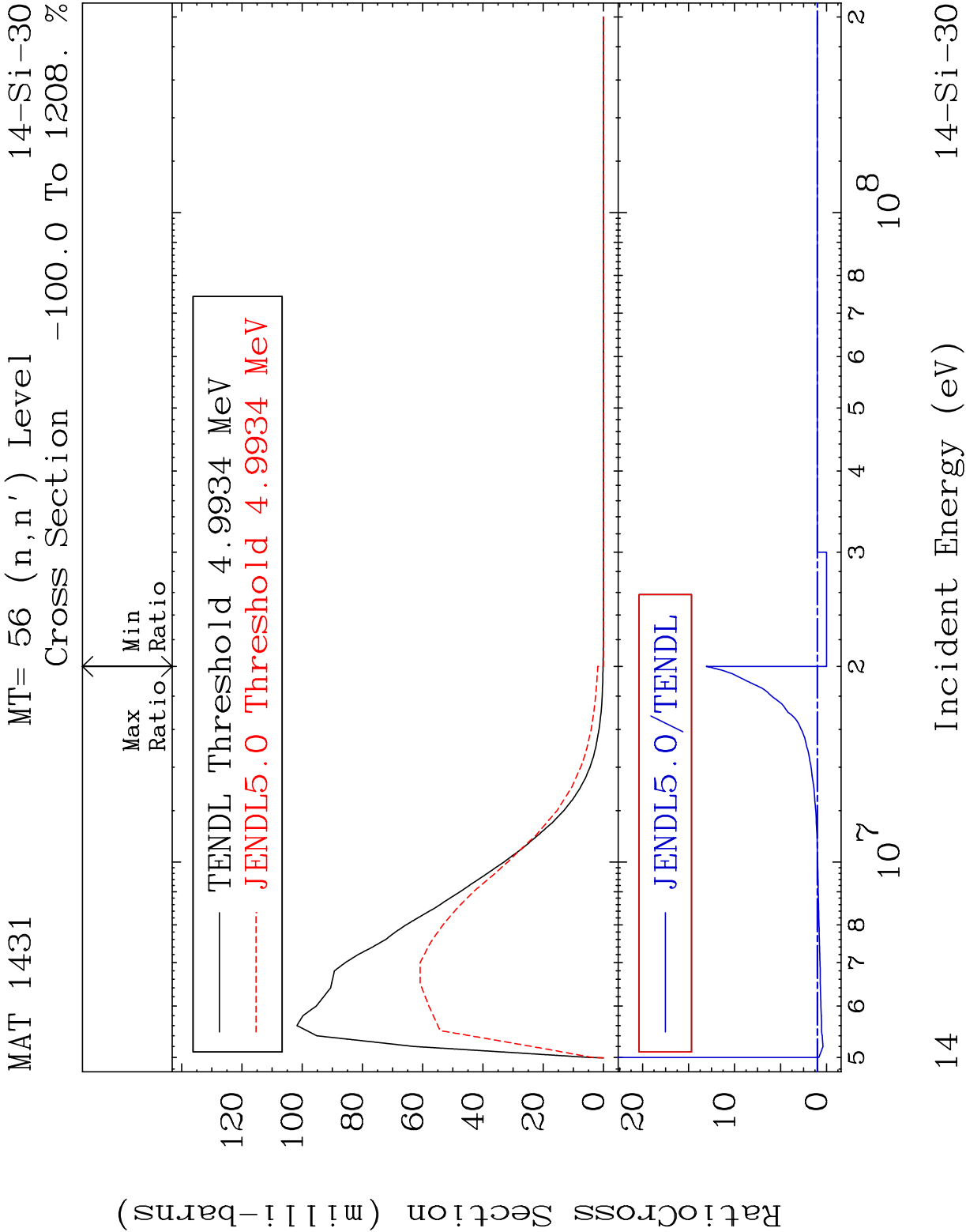


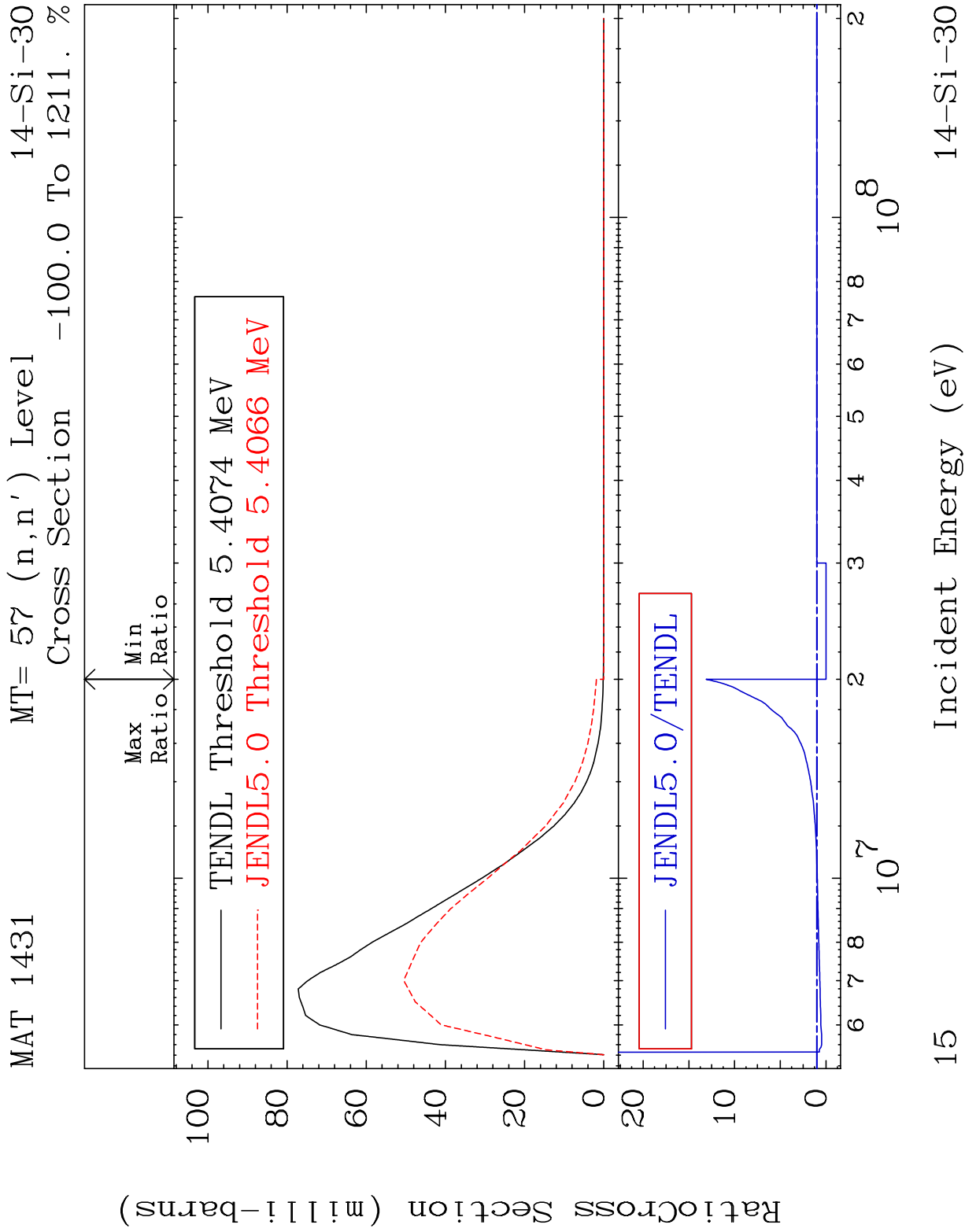


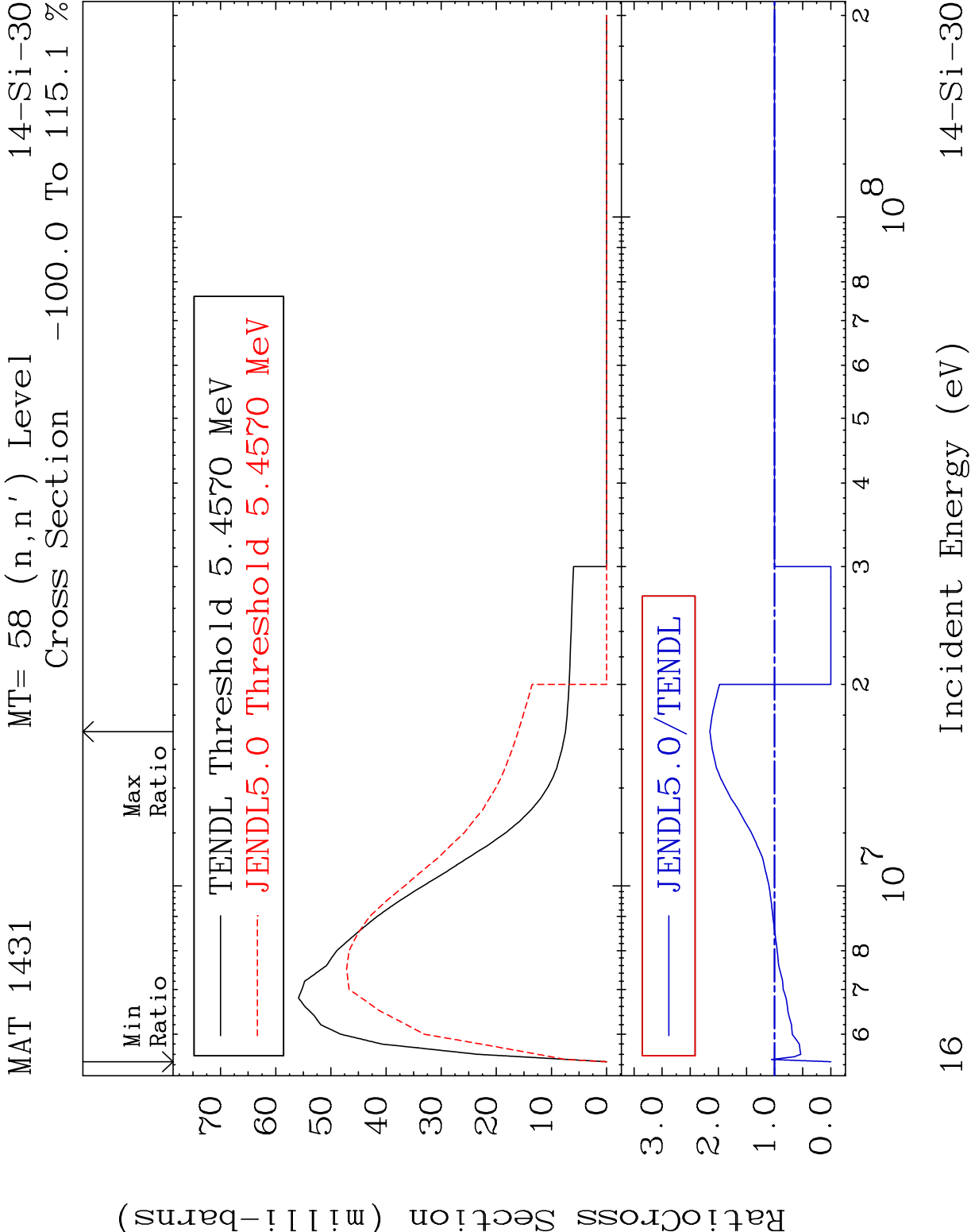


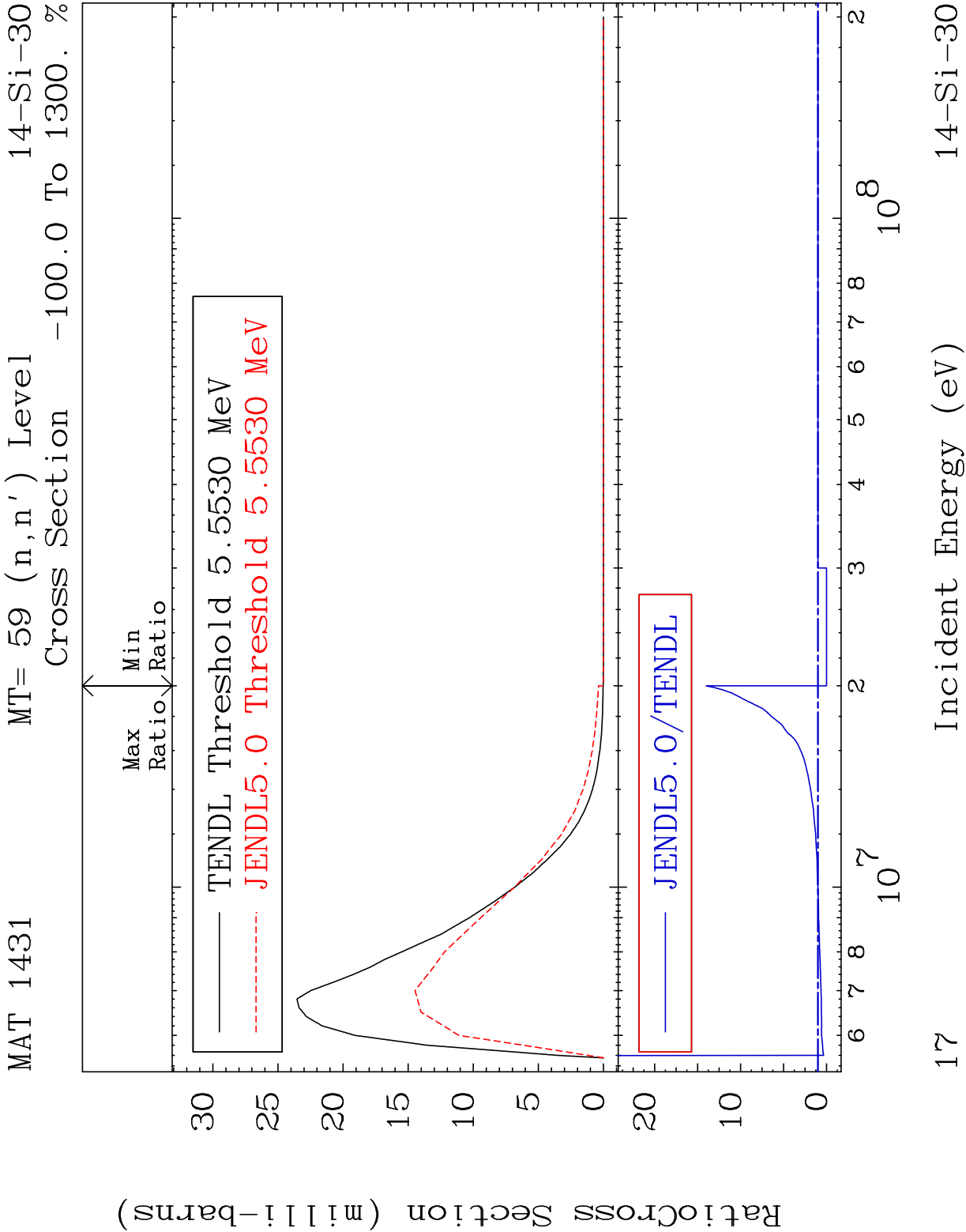
MAT 1431 MT= 55 (n,n') Level 14-Si-30
 Cross Section -100.0 To 566.6 %

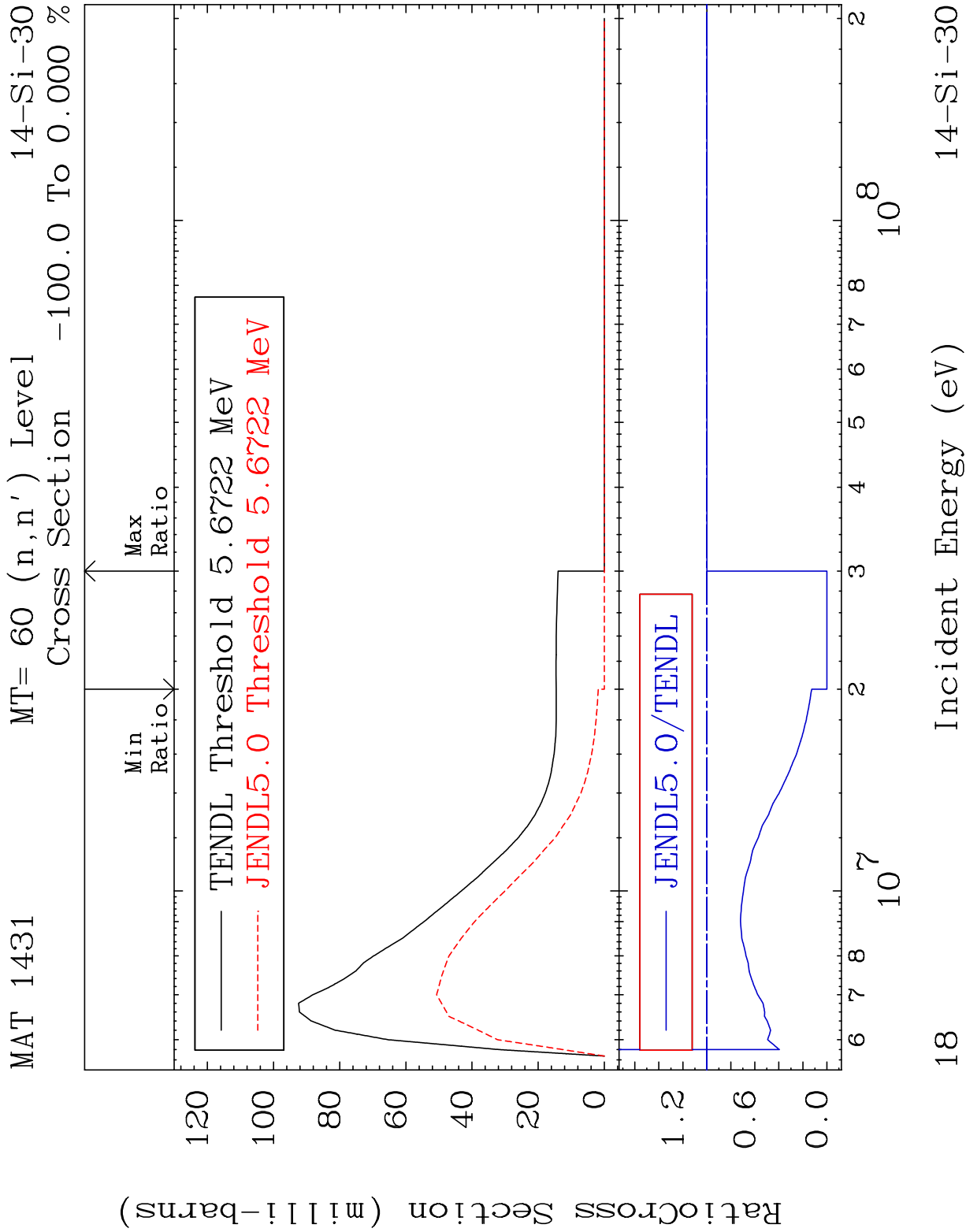


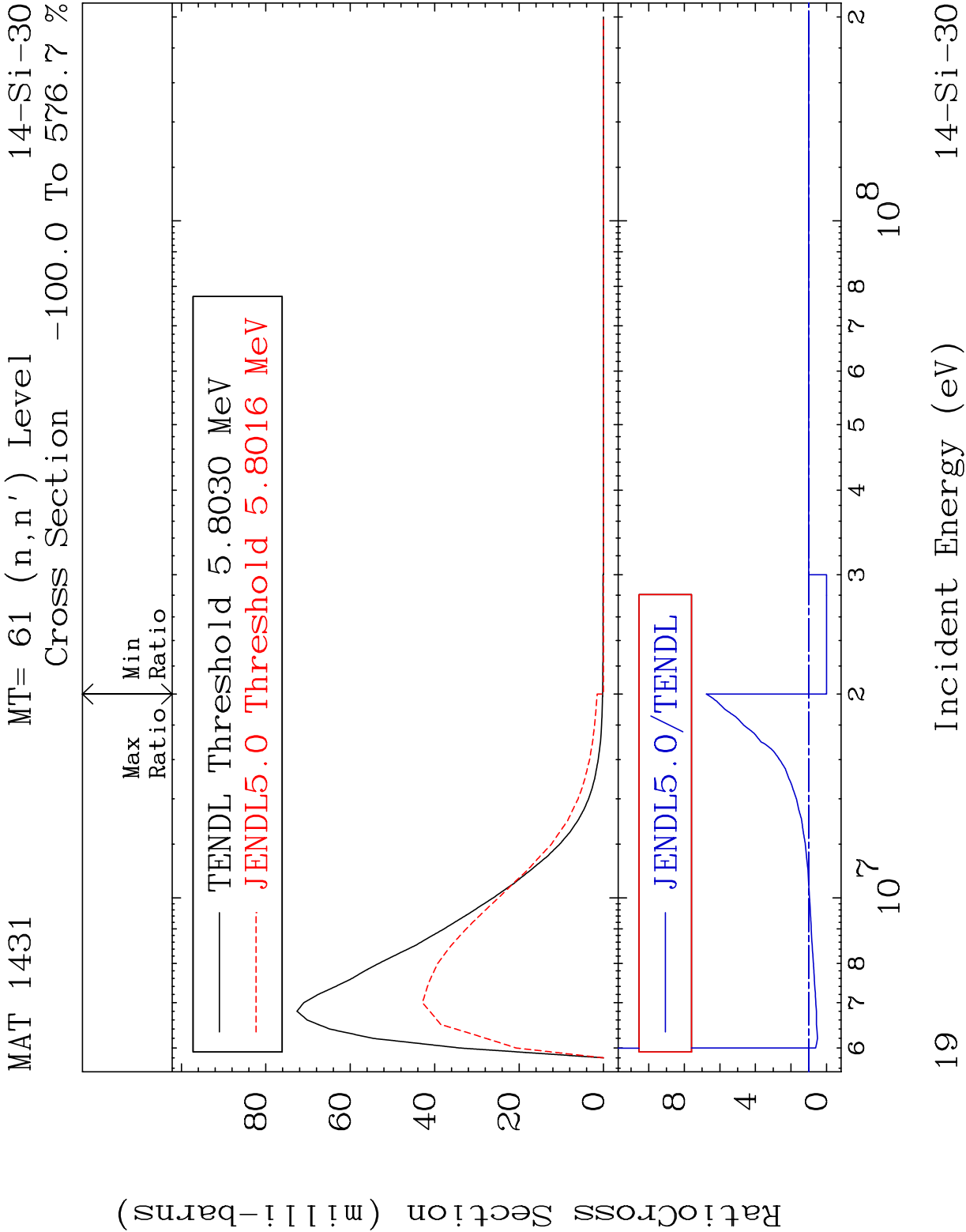


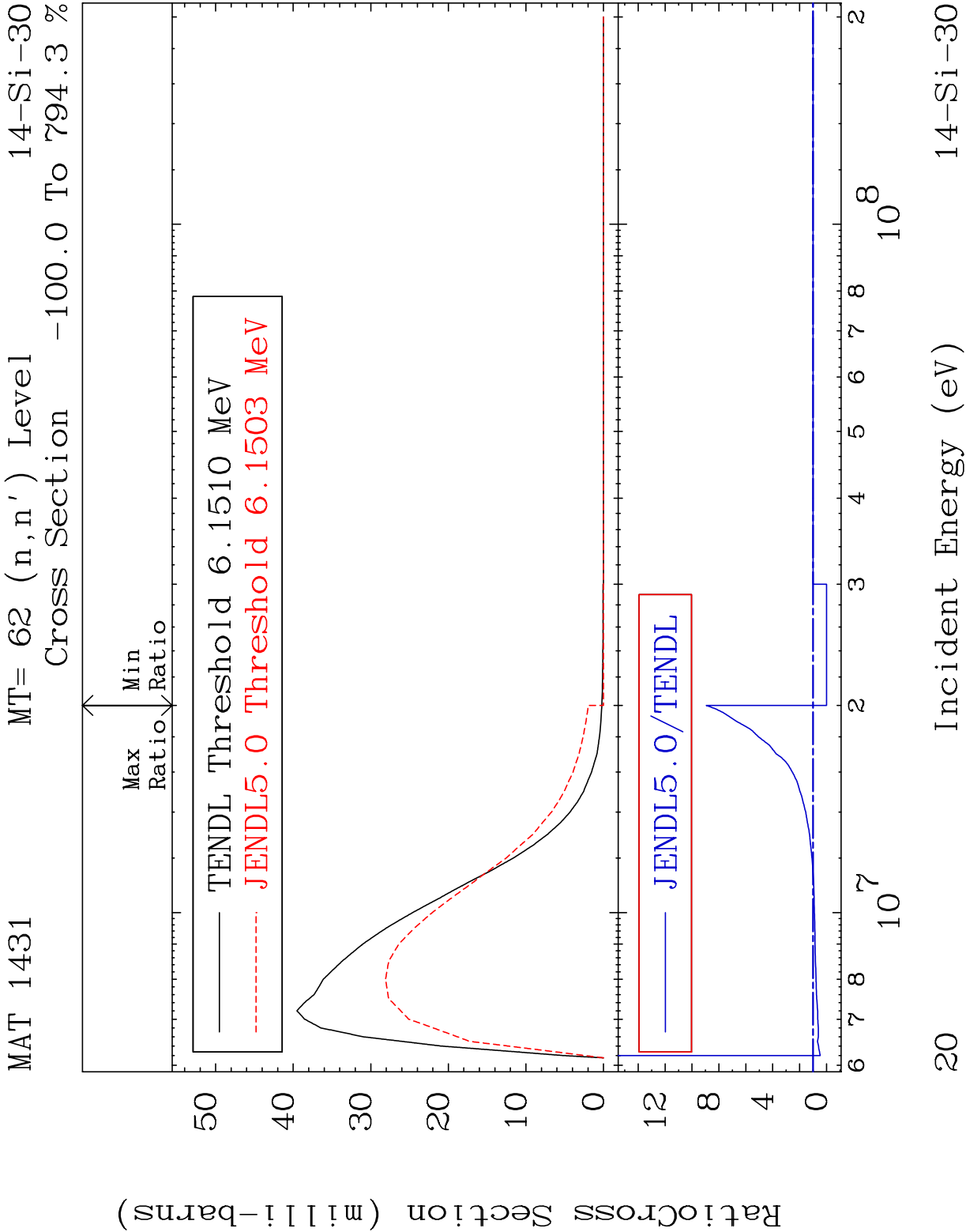


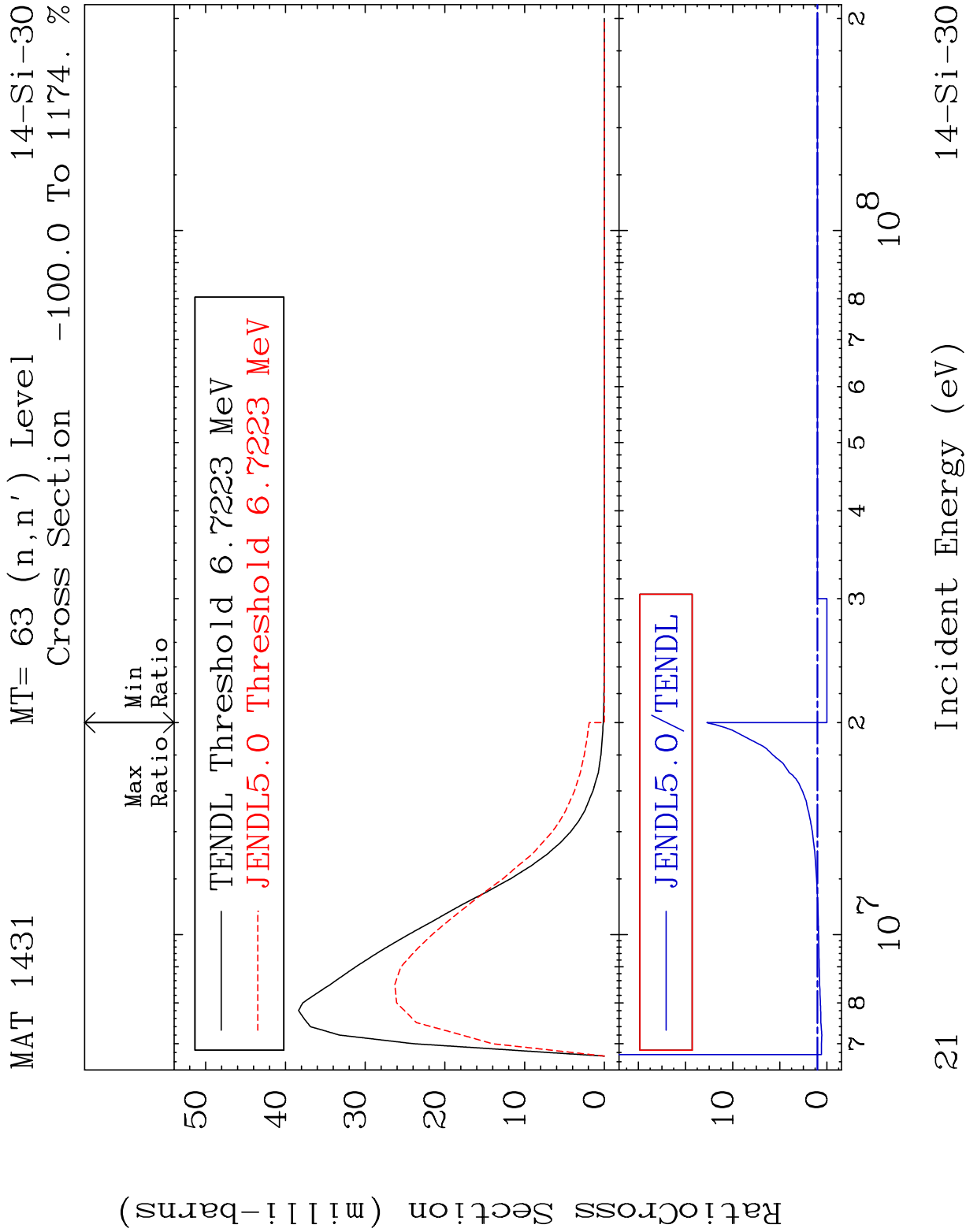




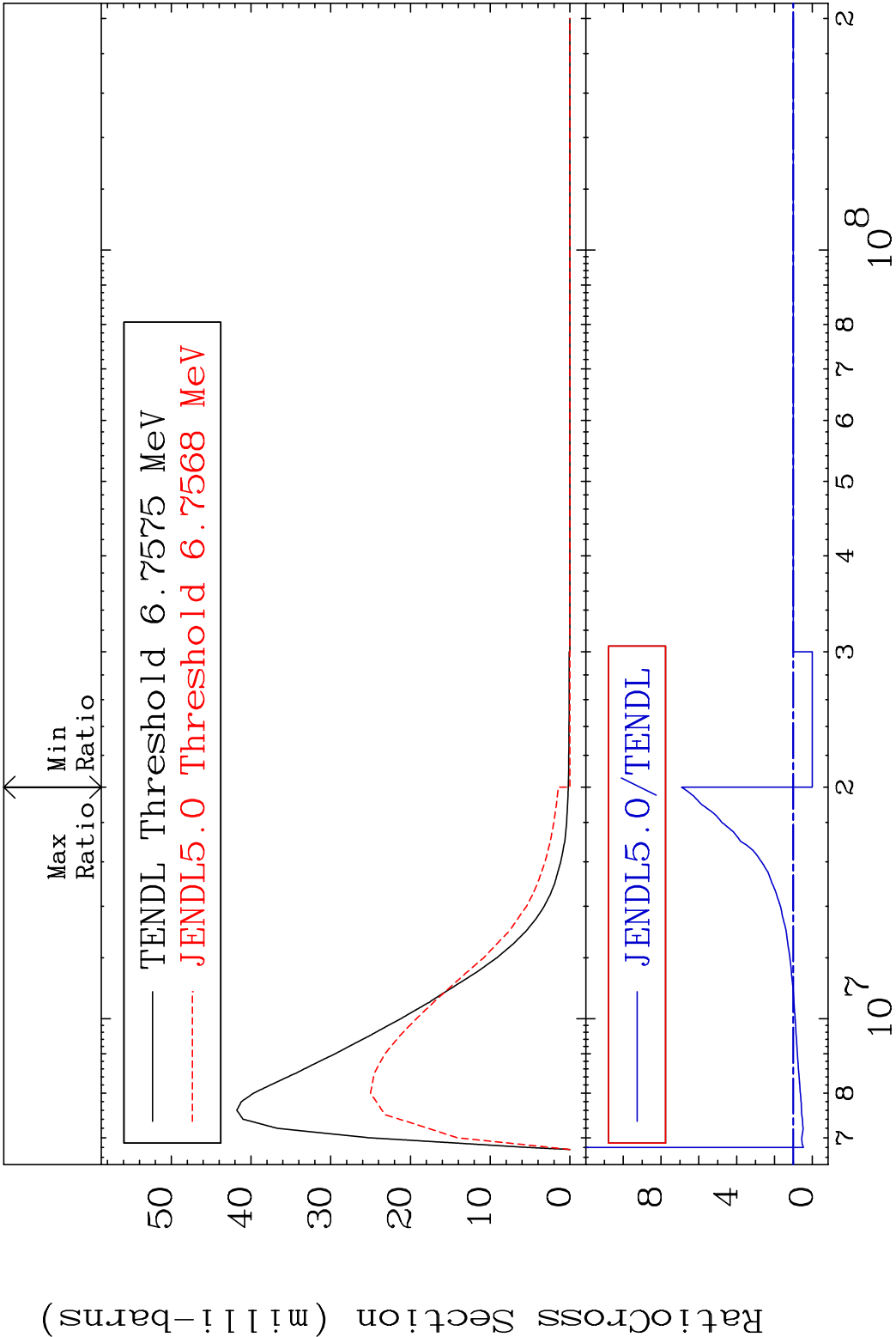




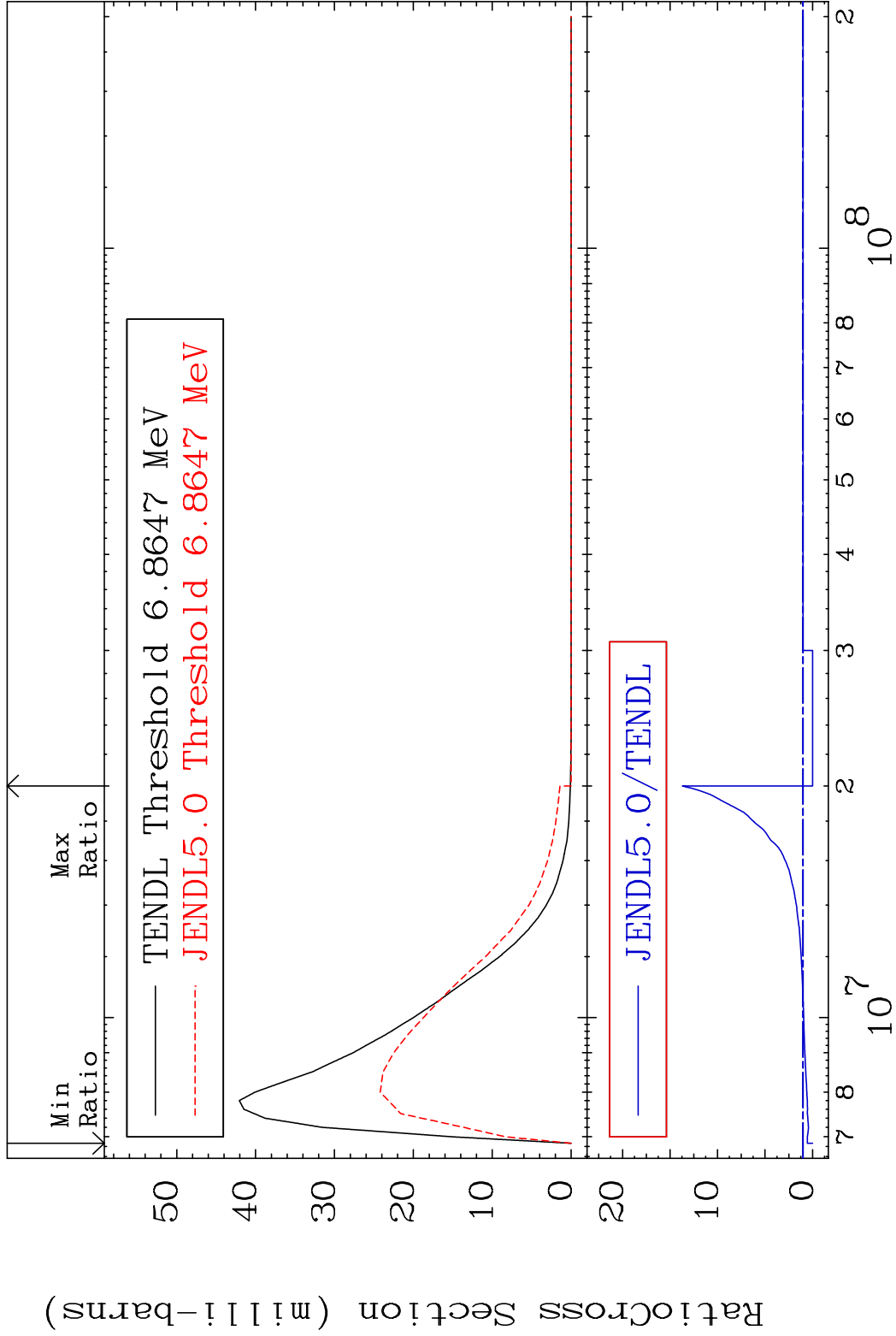


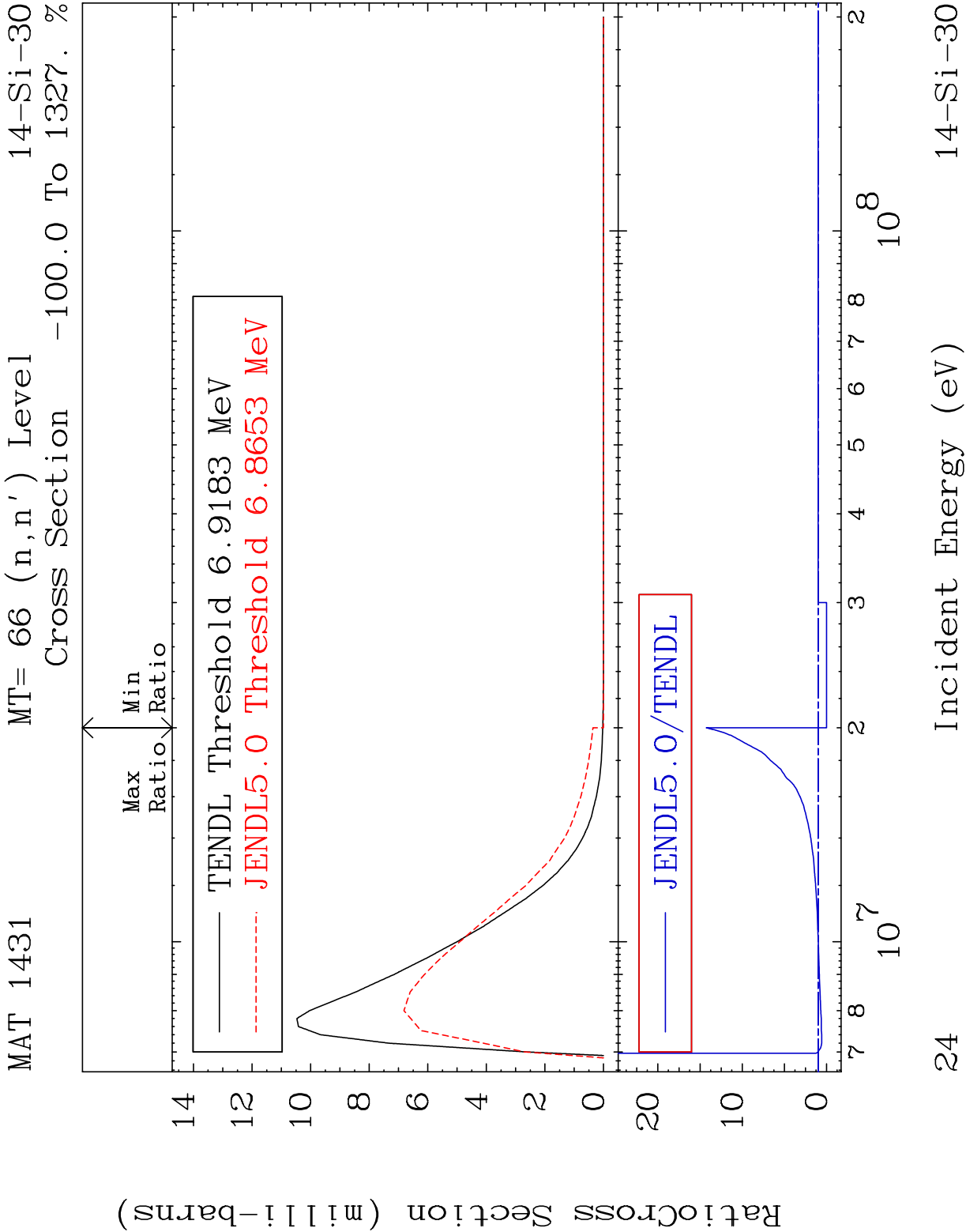


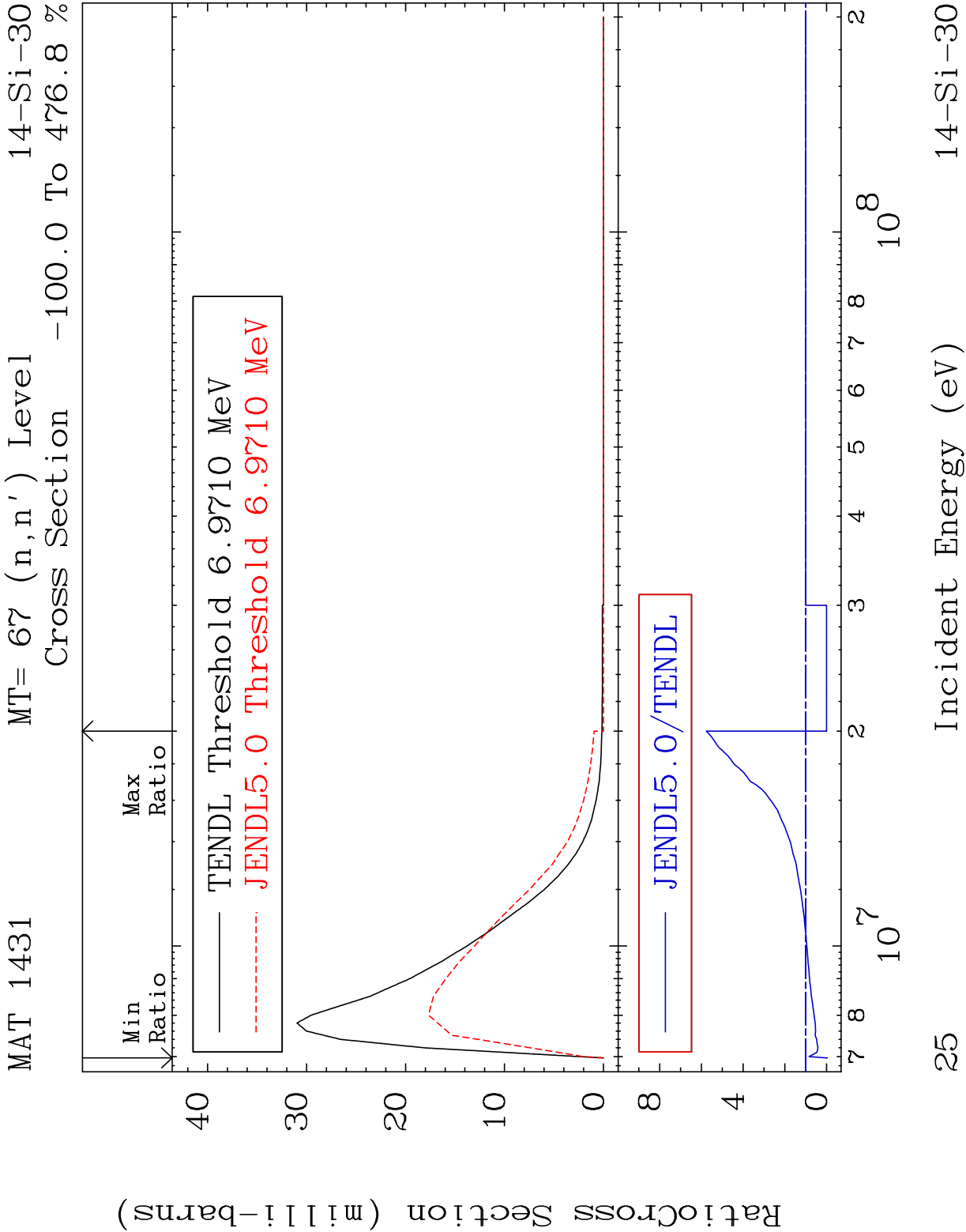
MAT 1431 MT= 64 (n,n') Level 14-Si-30
 Cross Section -100.0 To 591.6 %

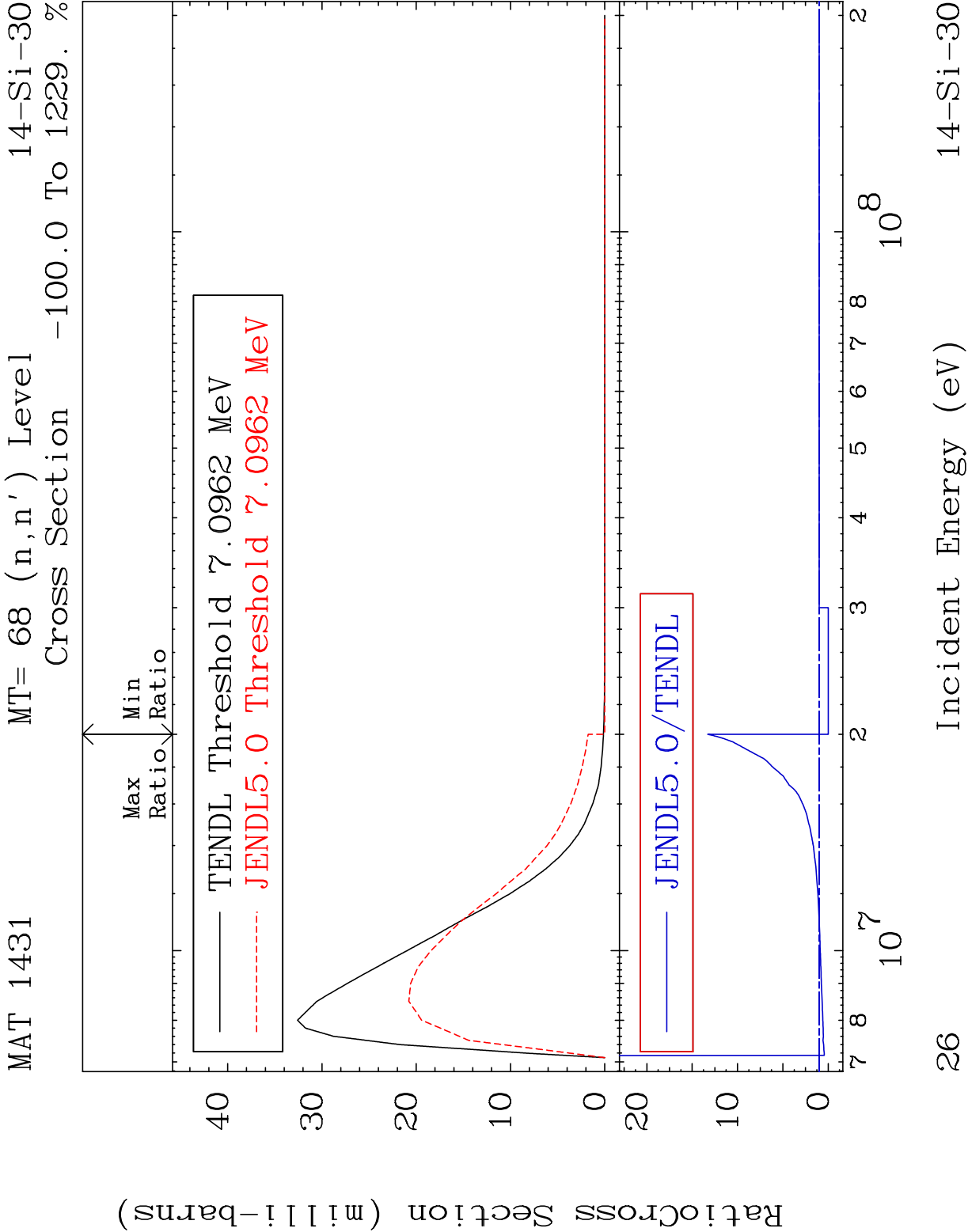


MAT 1431 MT= 65 (n,n') Level 14-Si-30
Cross Section -100.0 To 1270. %

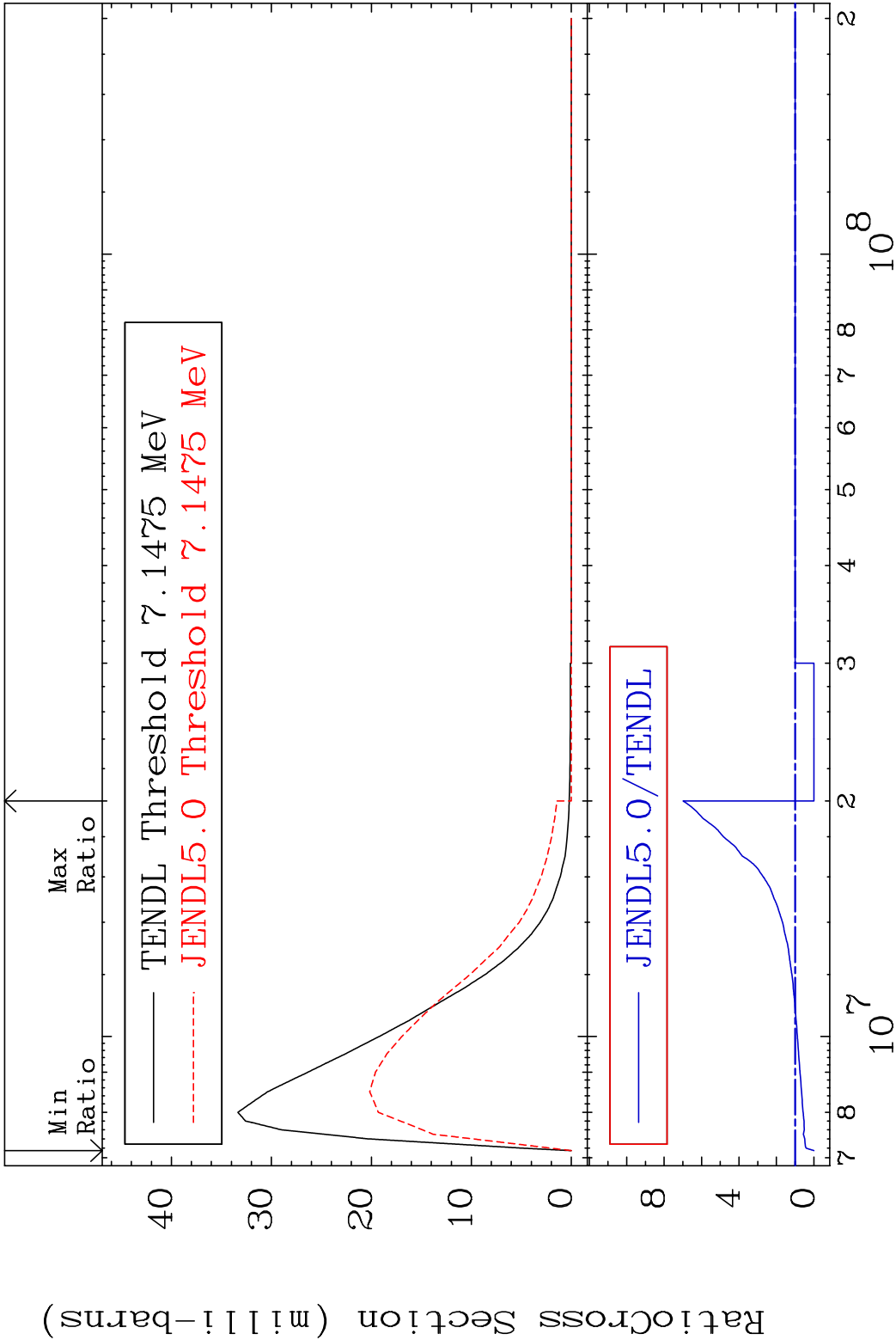


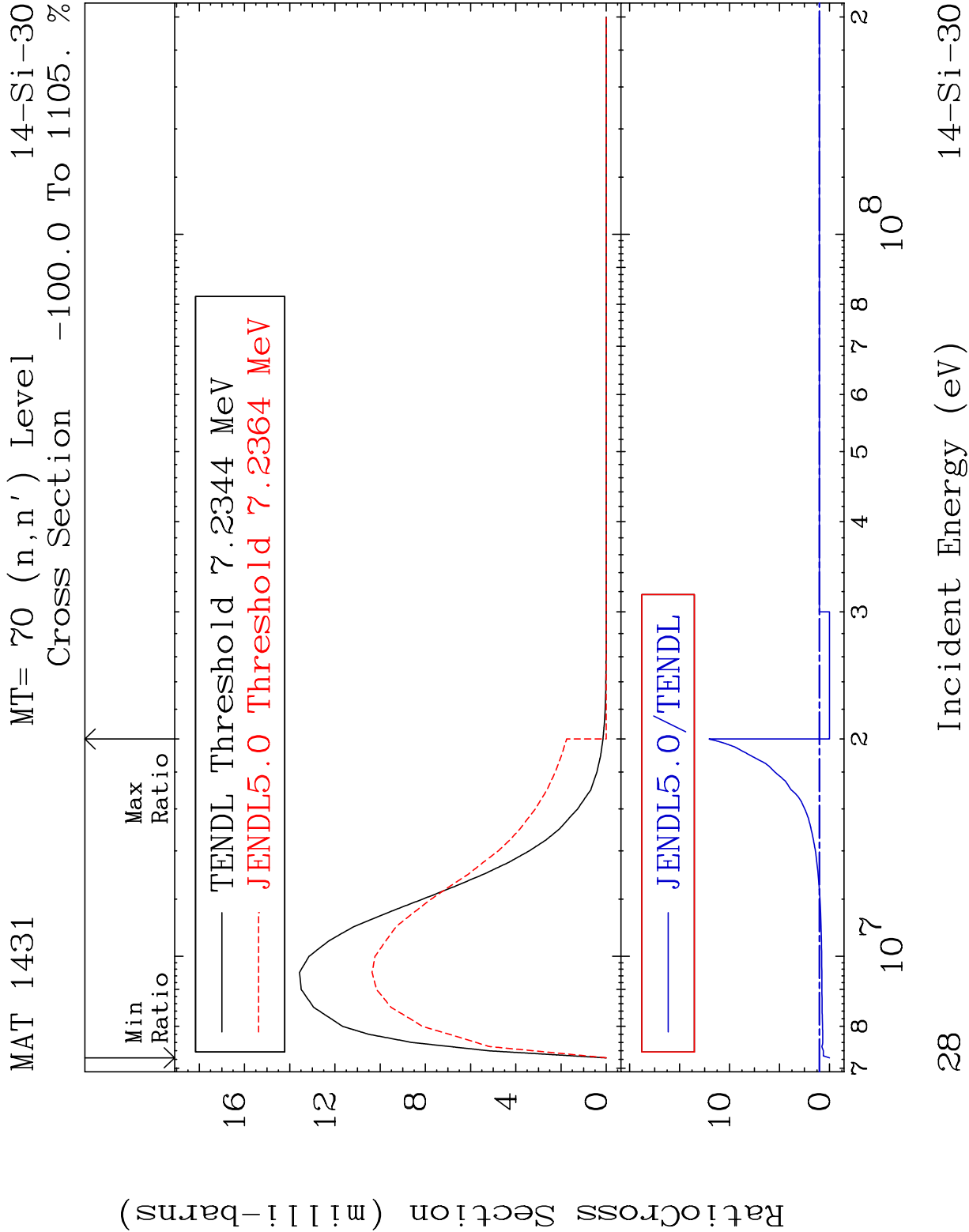




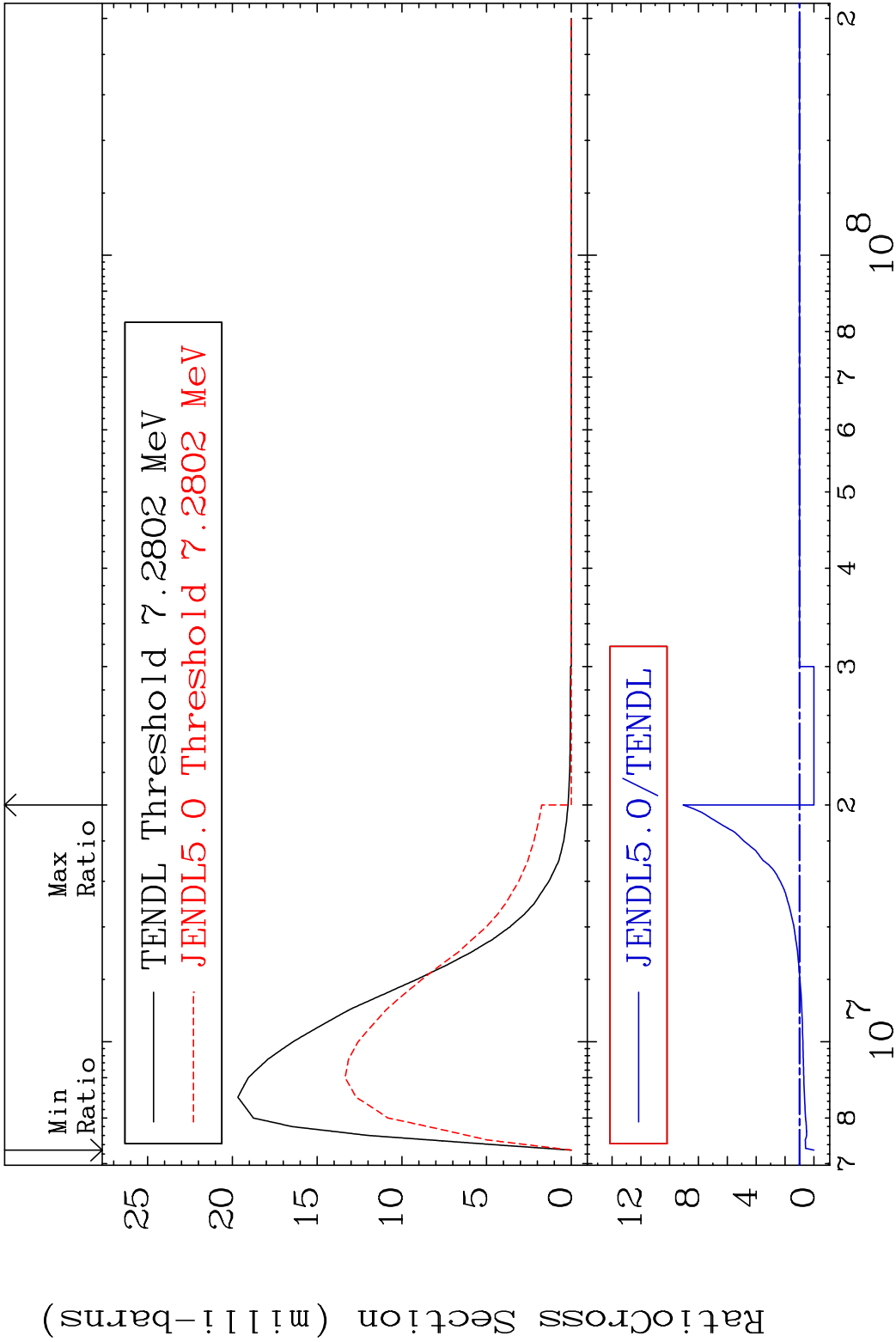


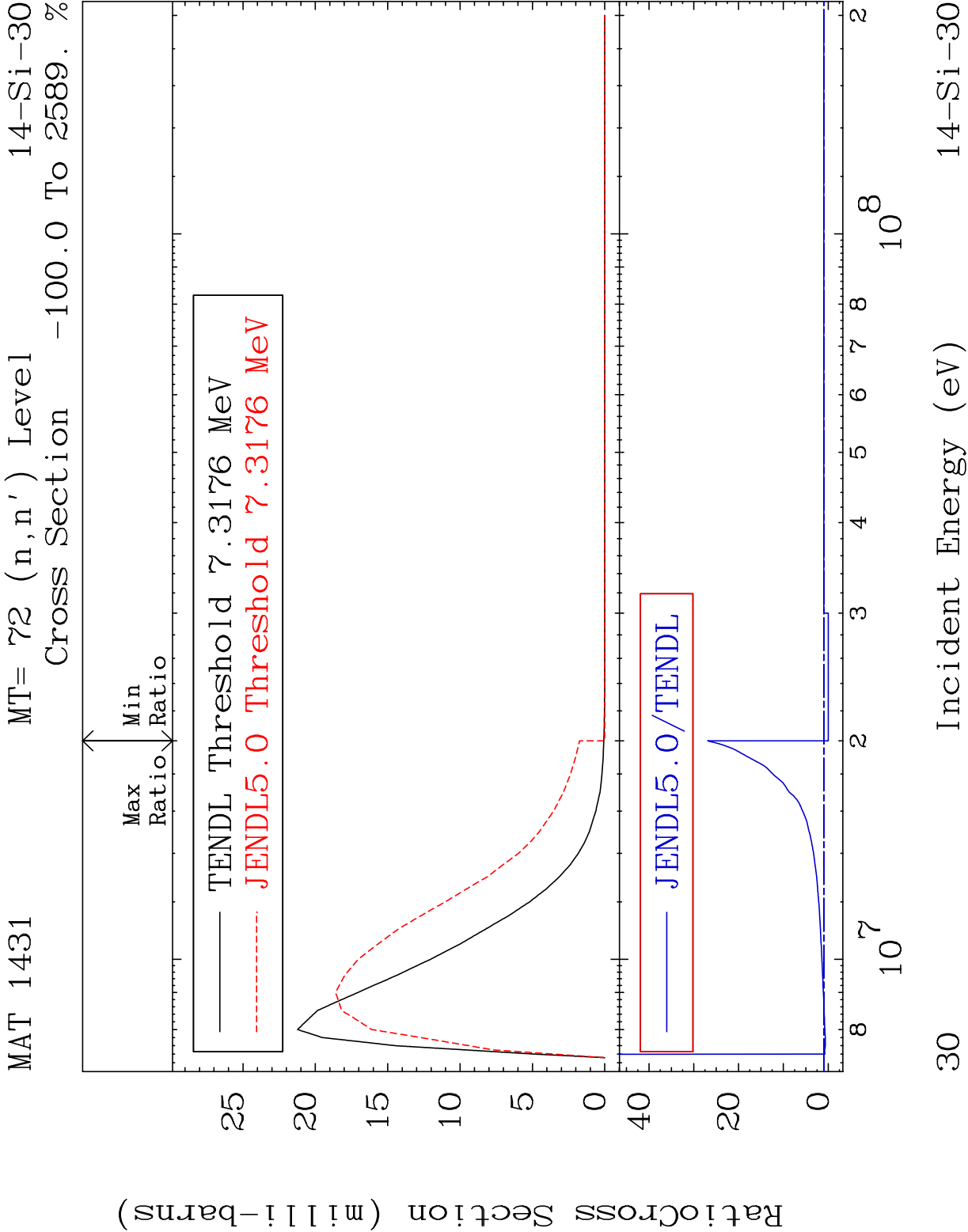
MAT 1431 MT= 69 (n,n') Level 14-Si-30
Cross Section -100.0 To 599.0 %

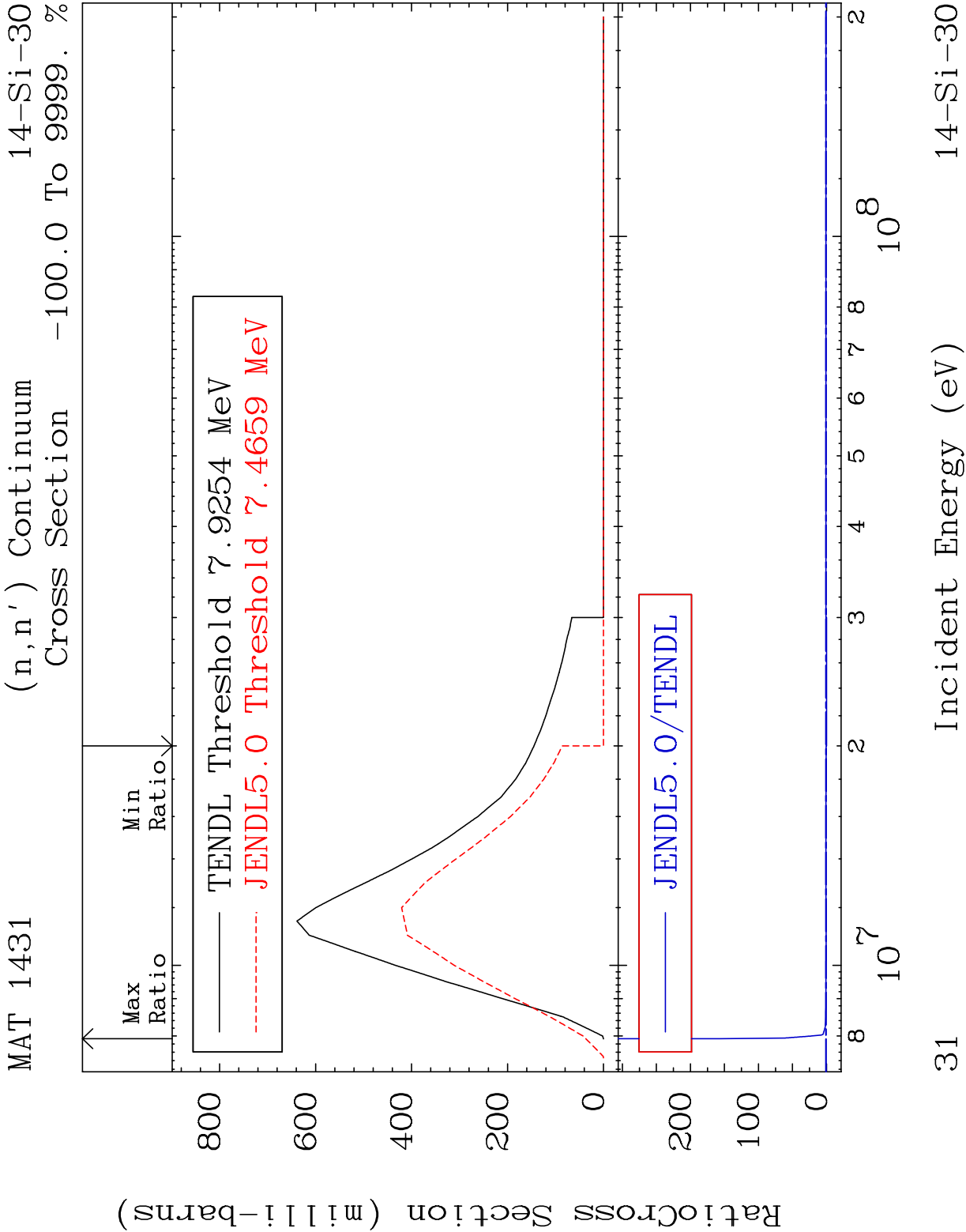


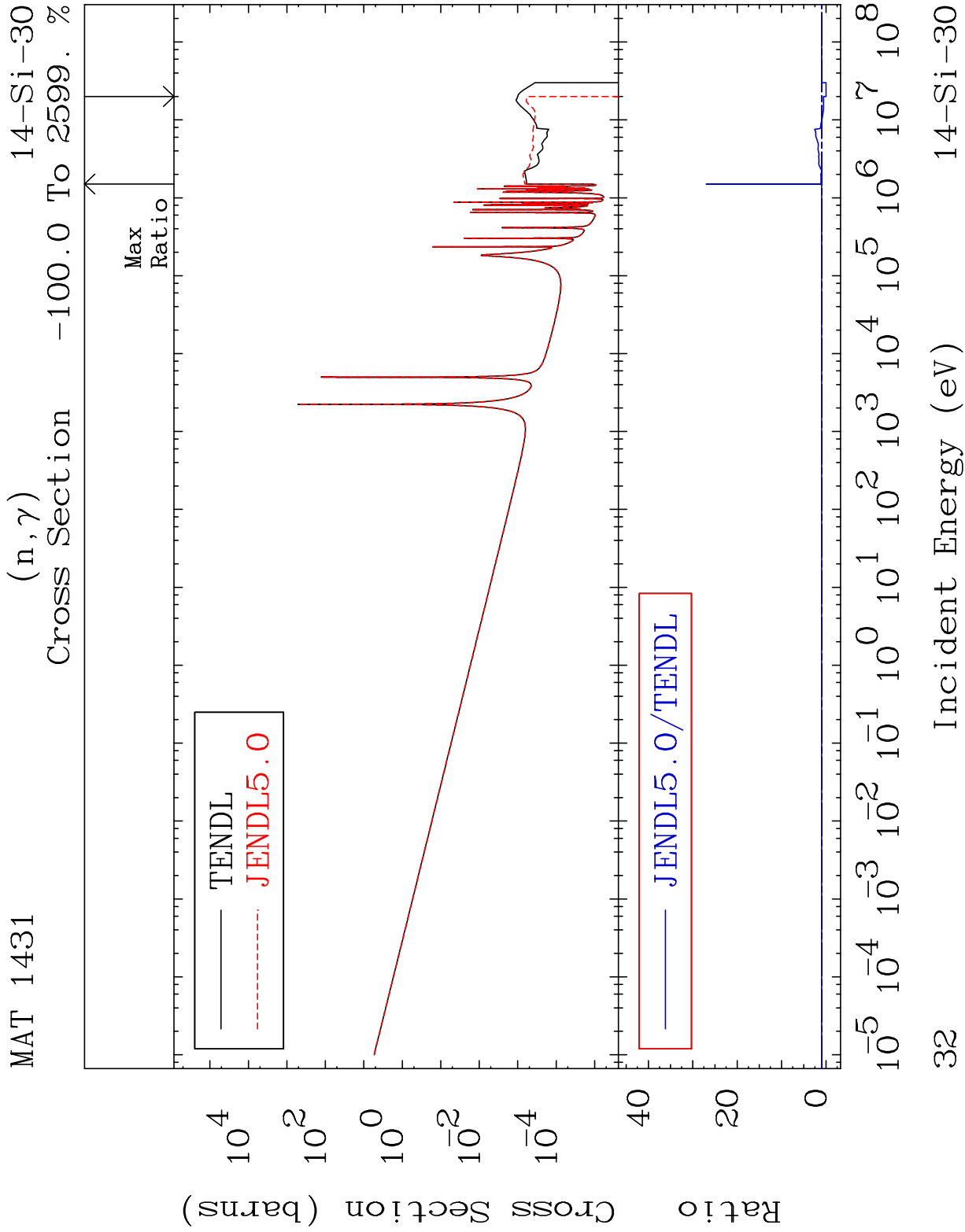


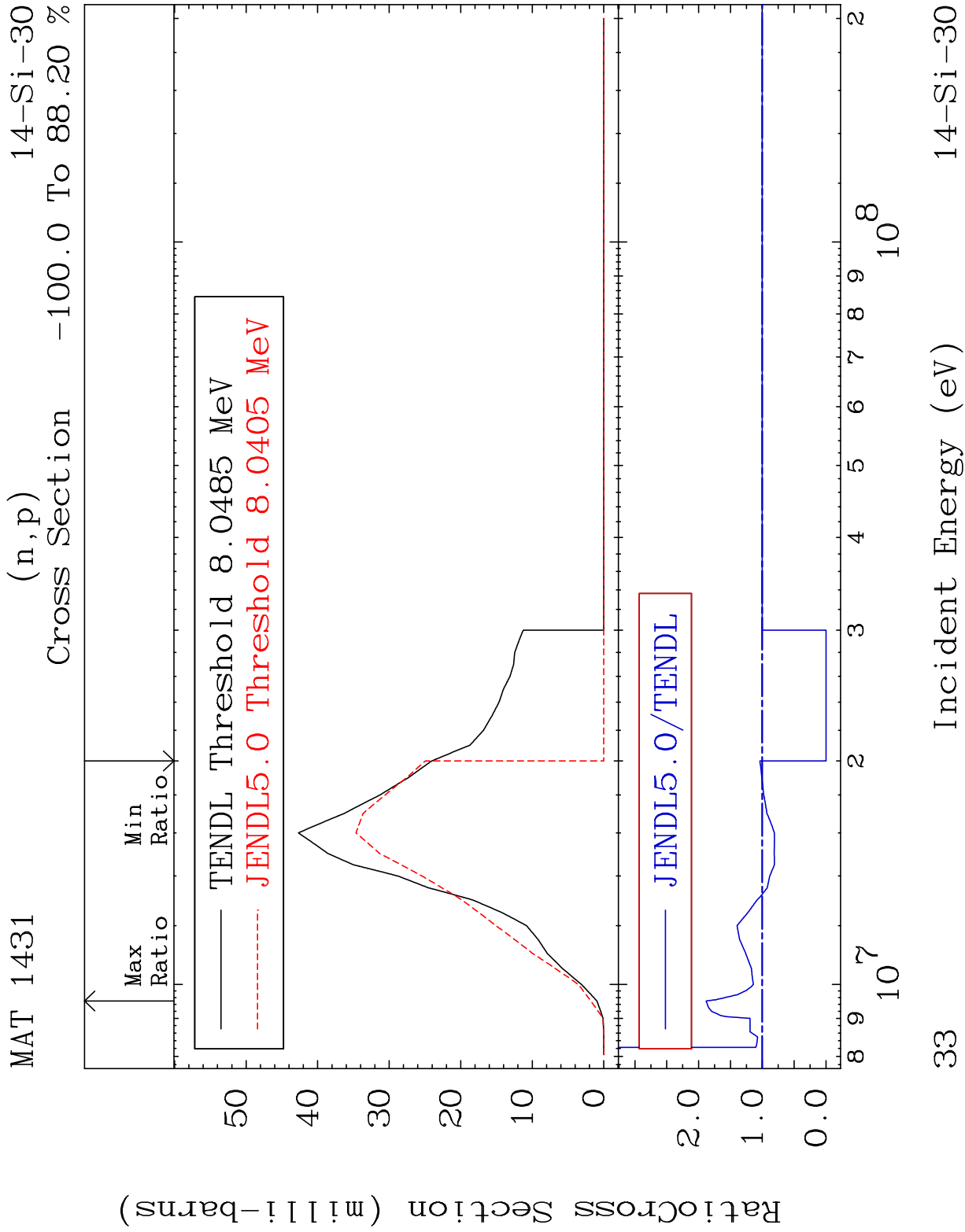
MAT 1431 MT= 71 (n,n') Level 14-Si-30
Cross Section -100.0 To 807.1 %

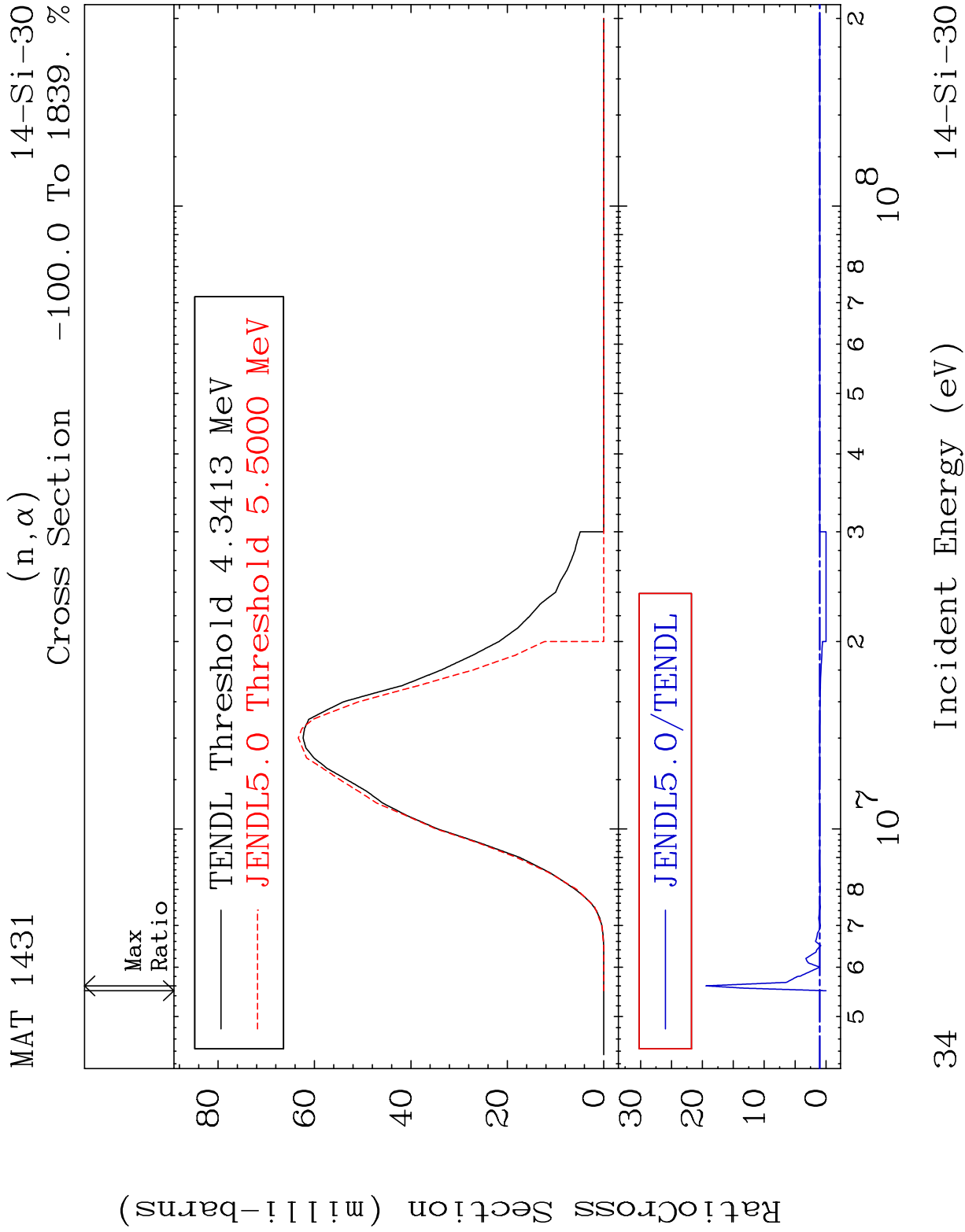




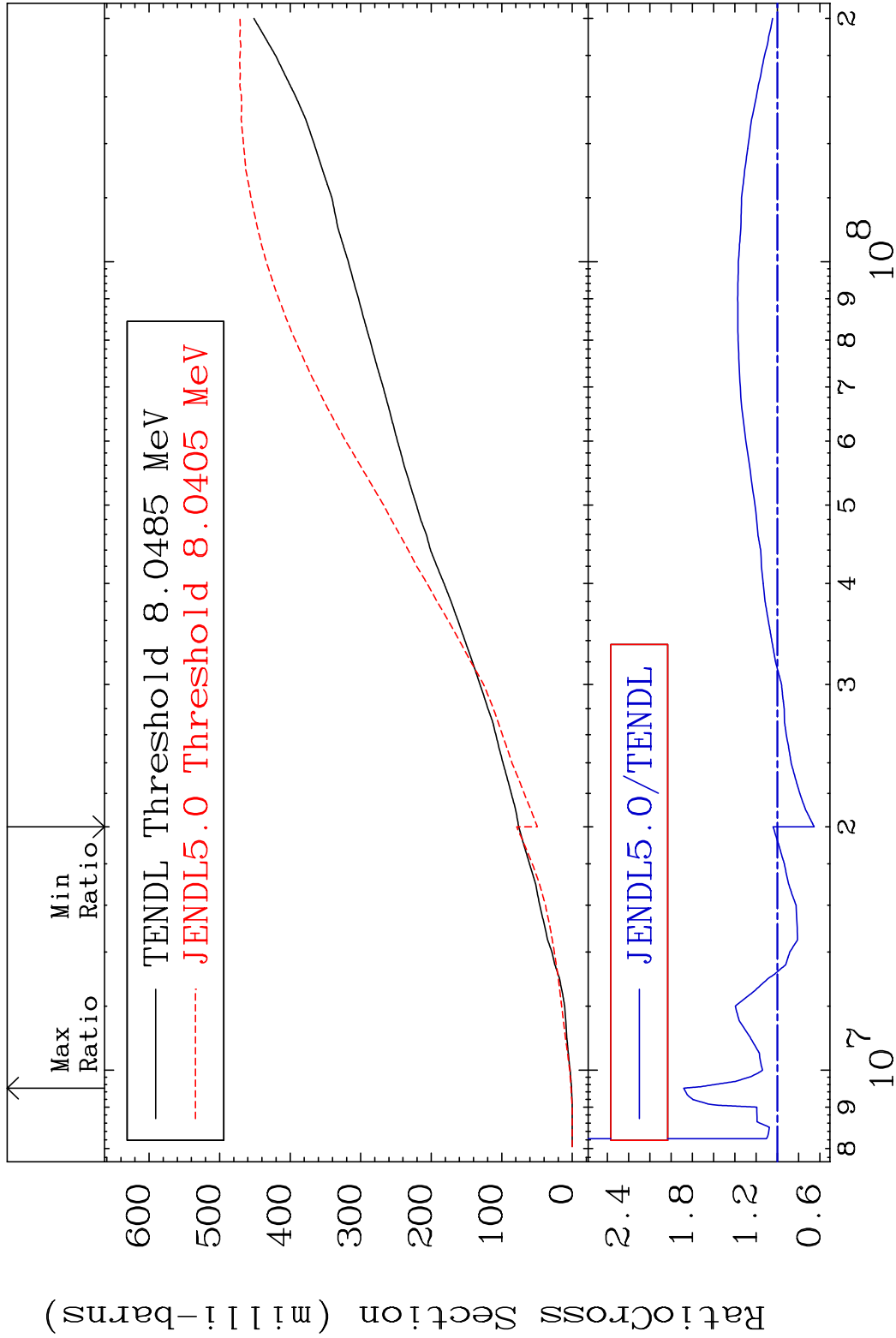


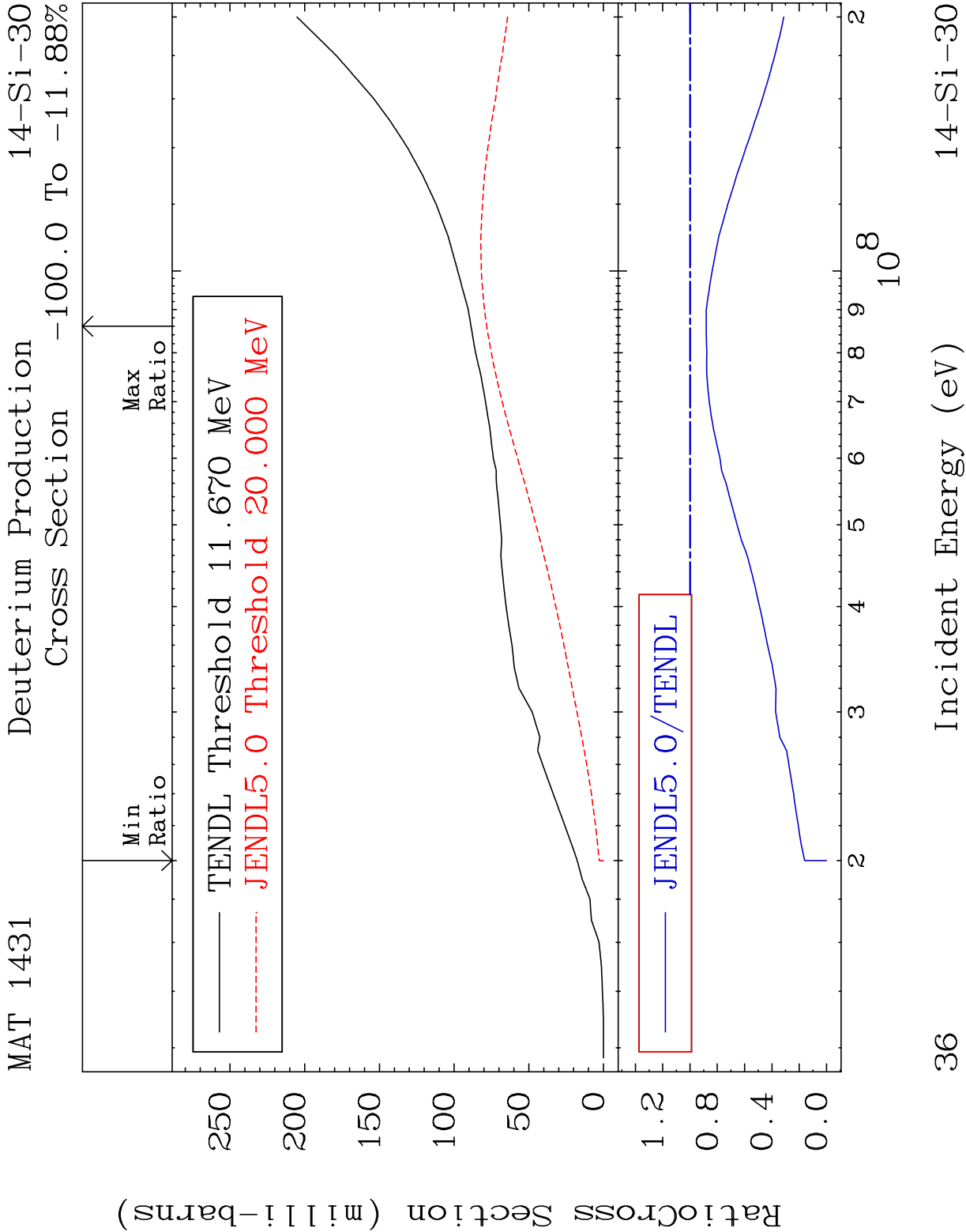


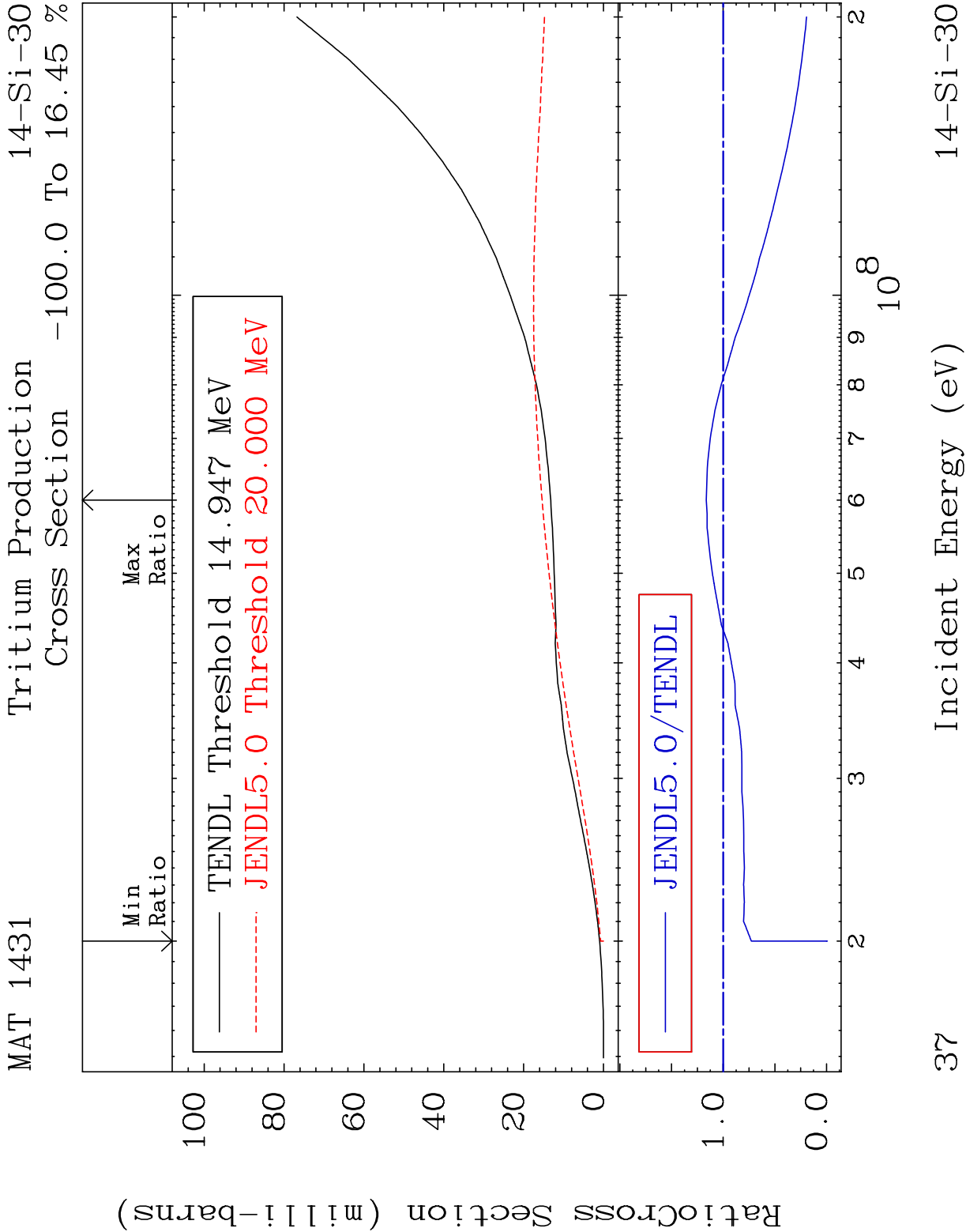


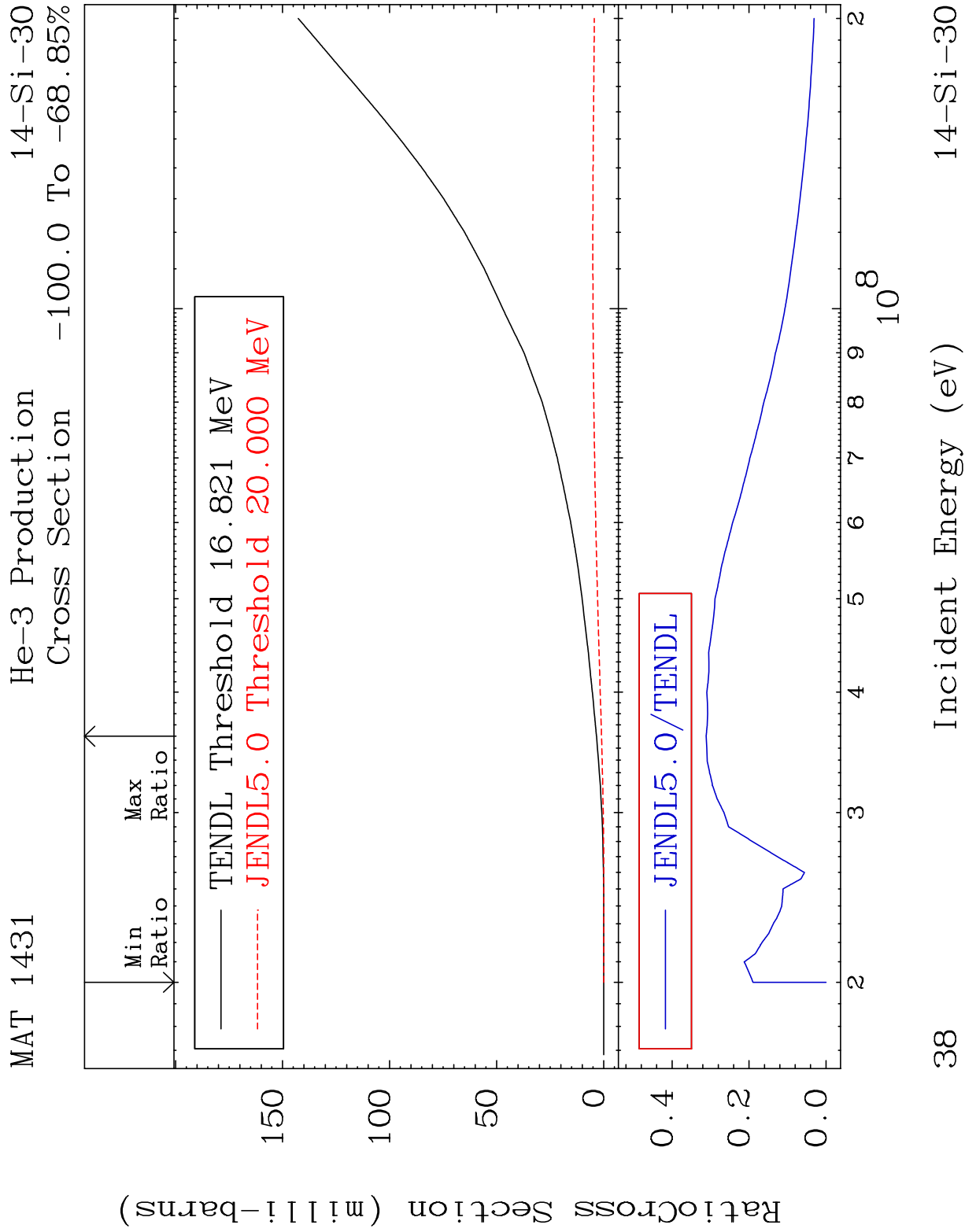


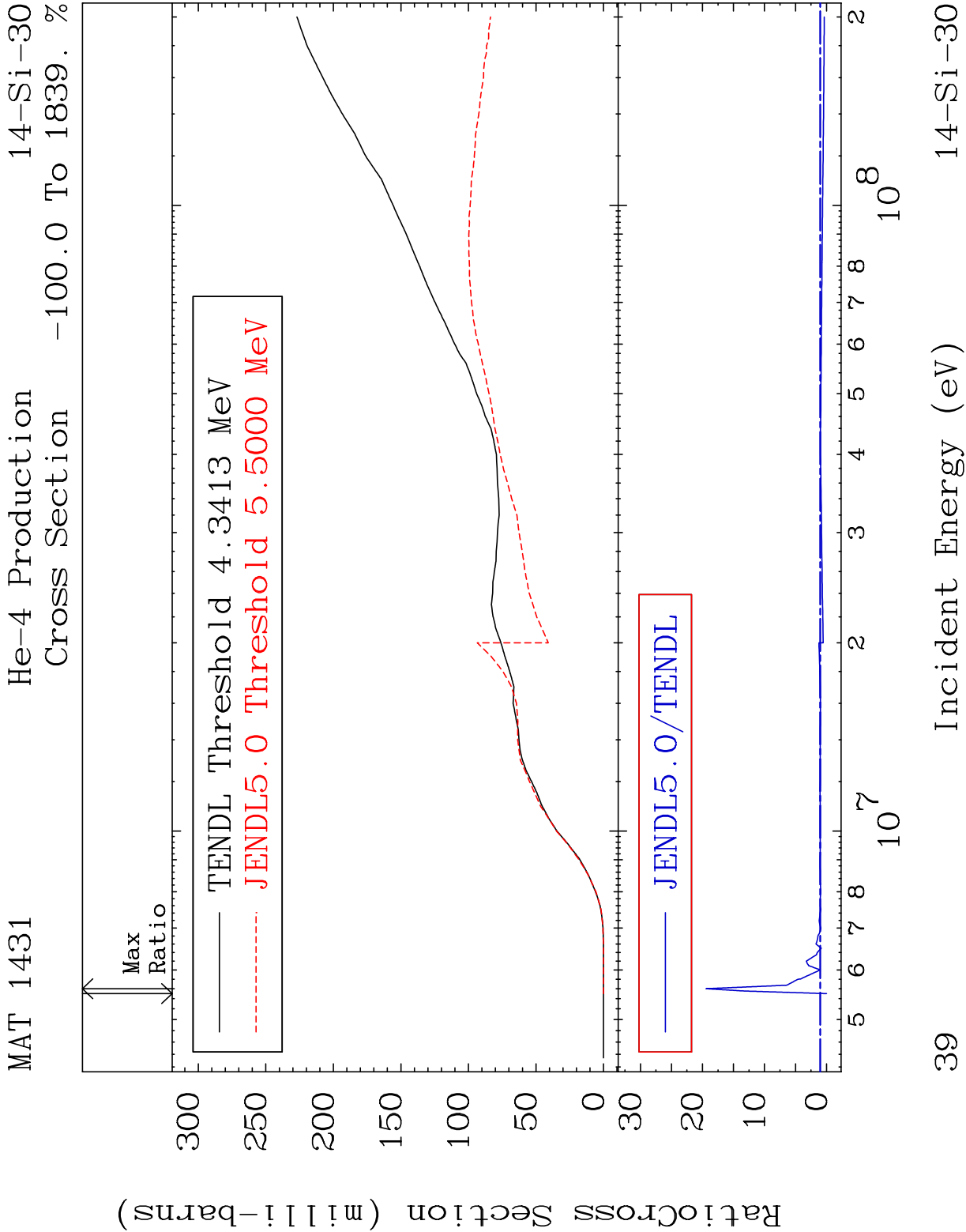
MAT 1431 Hydrogen Production ¹⁴Si-30
Cross Section -34.67 To 88.20 %

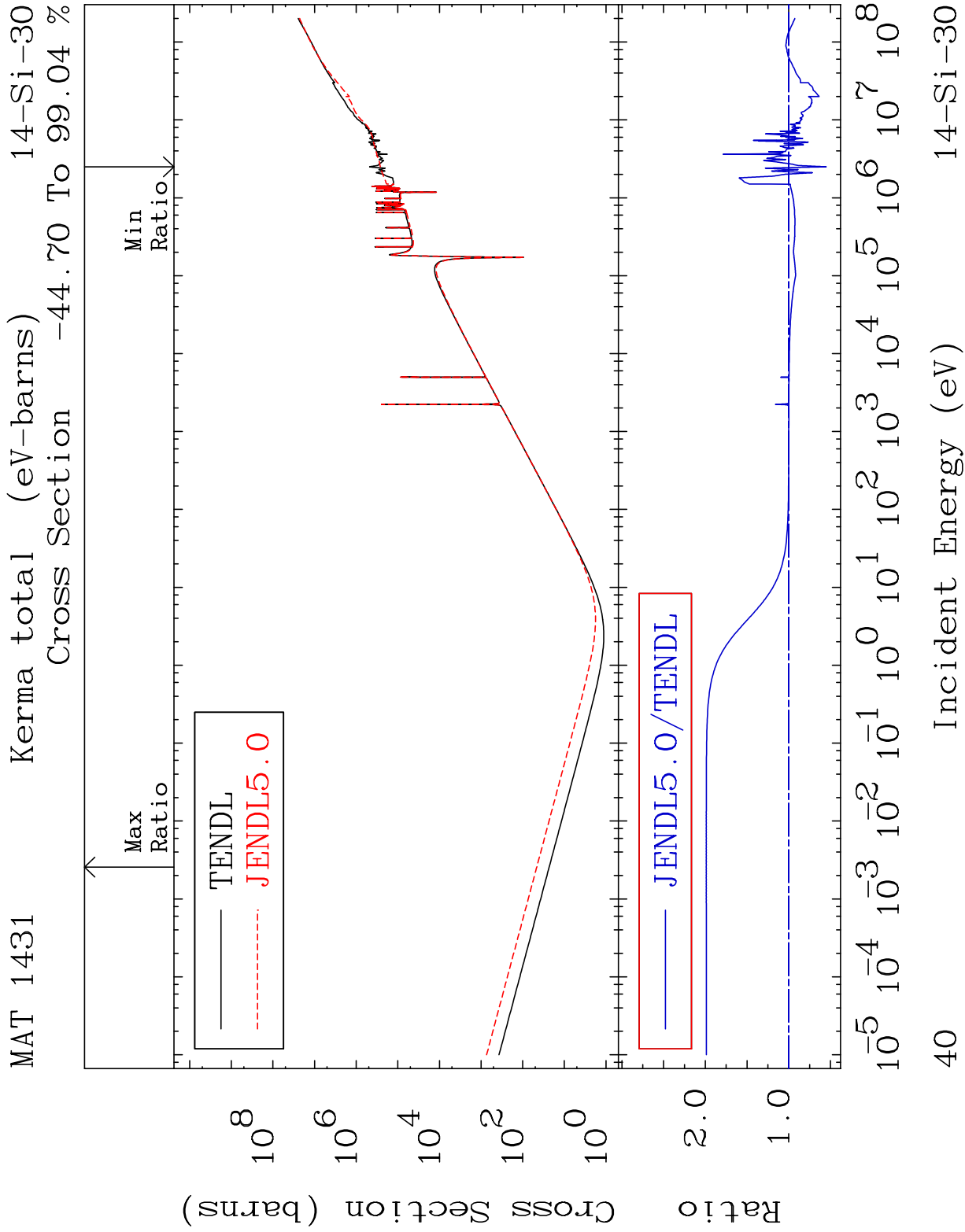


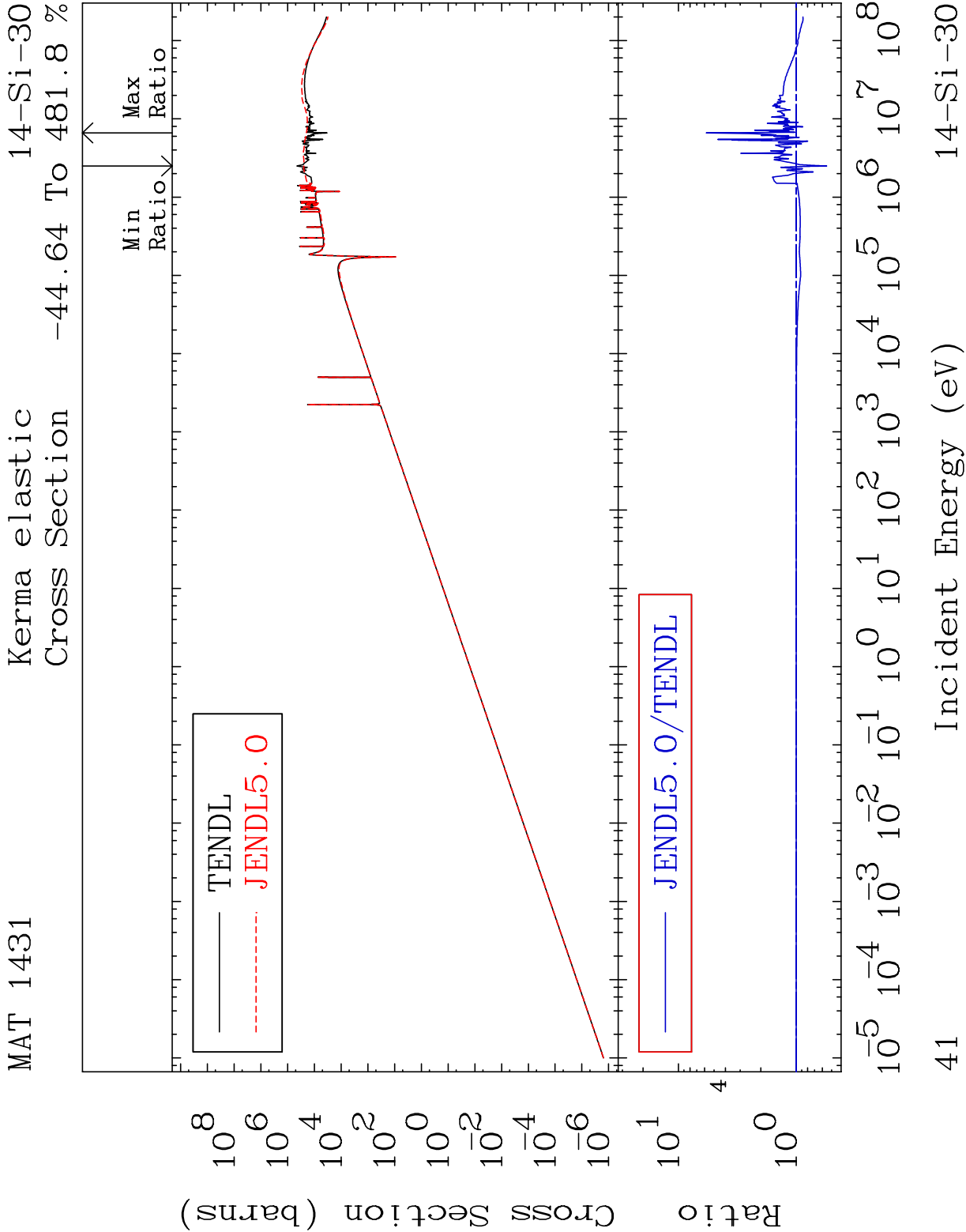




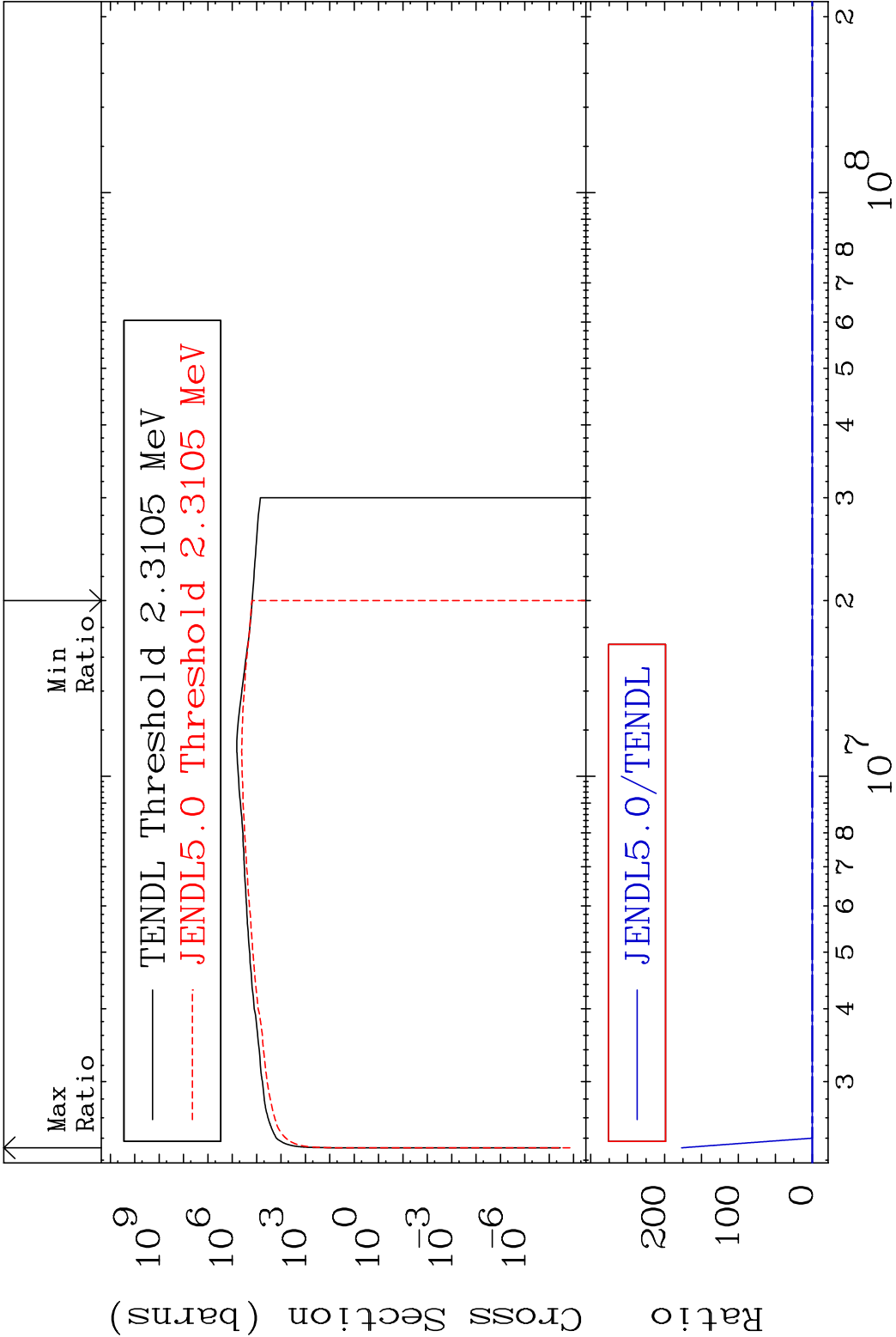




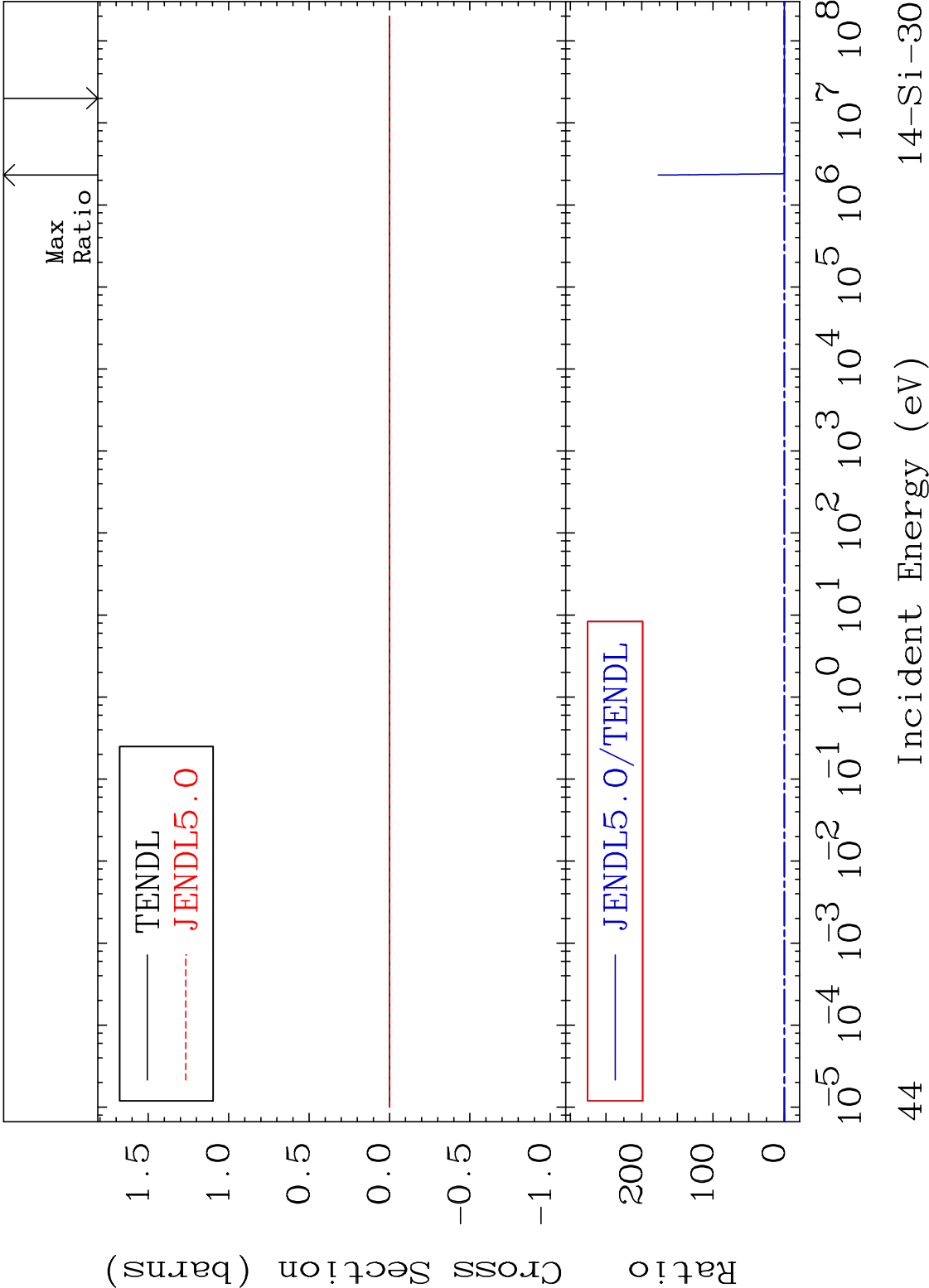


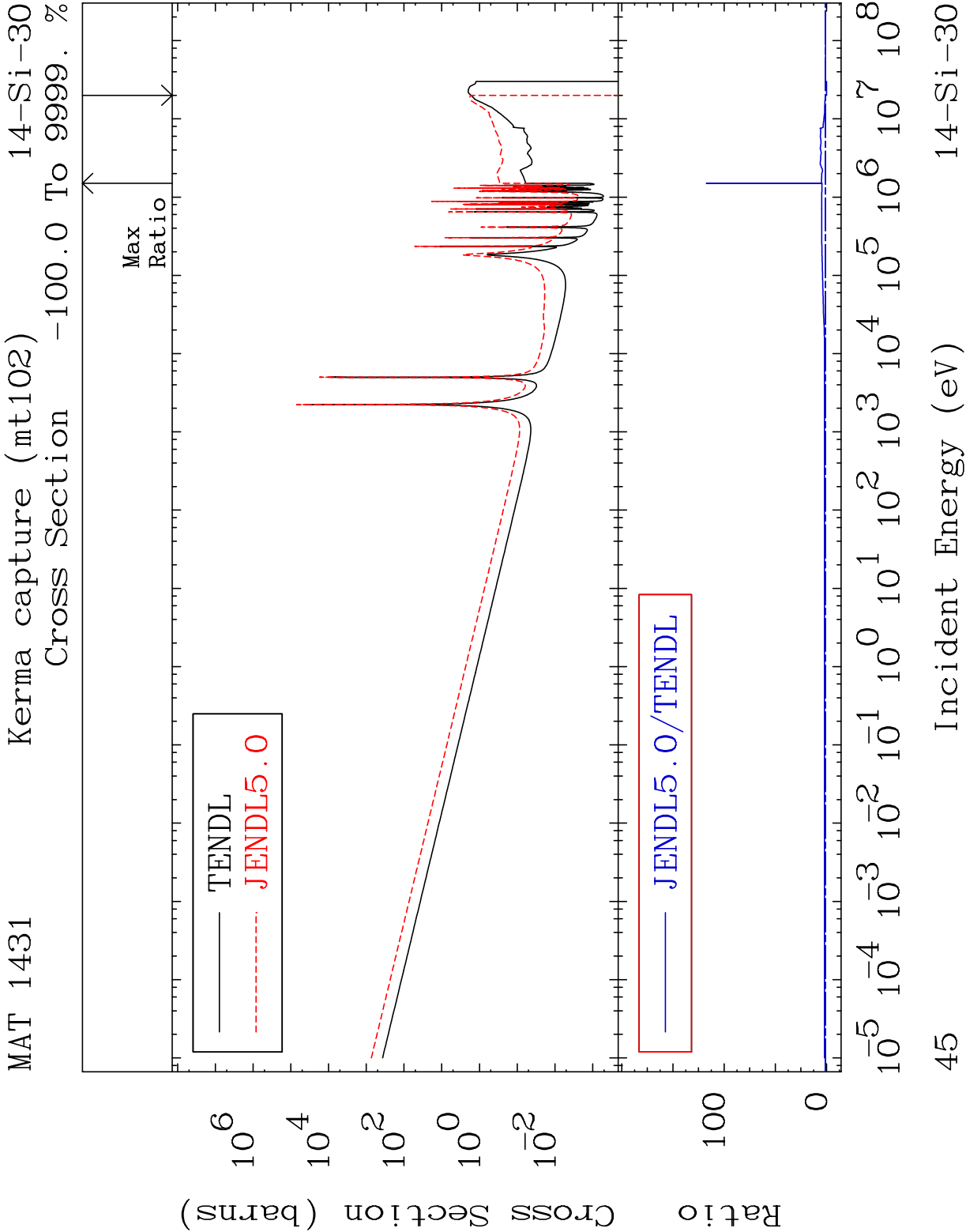


MAT 1431 Kerma inelastic (mt51-91) 14-Si-30
Cross Section -100.0 To 9999. %

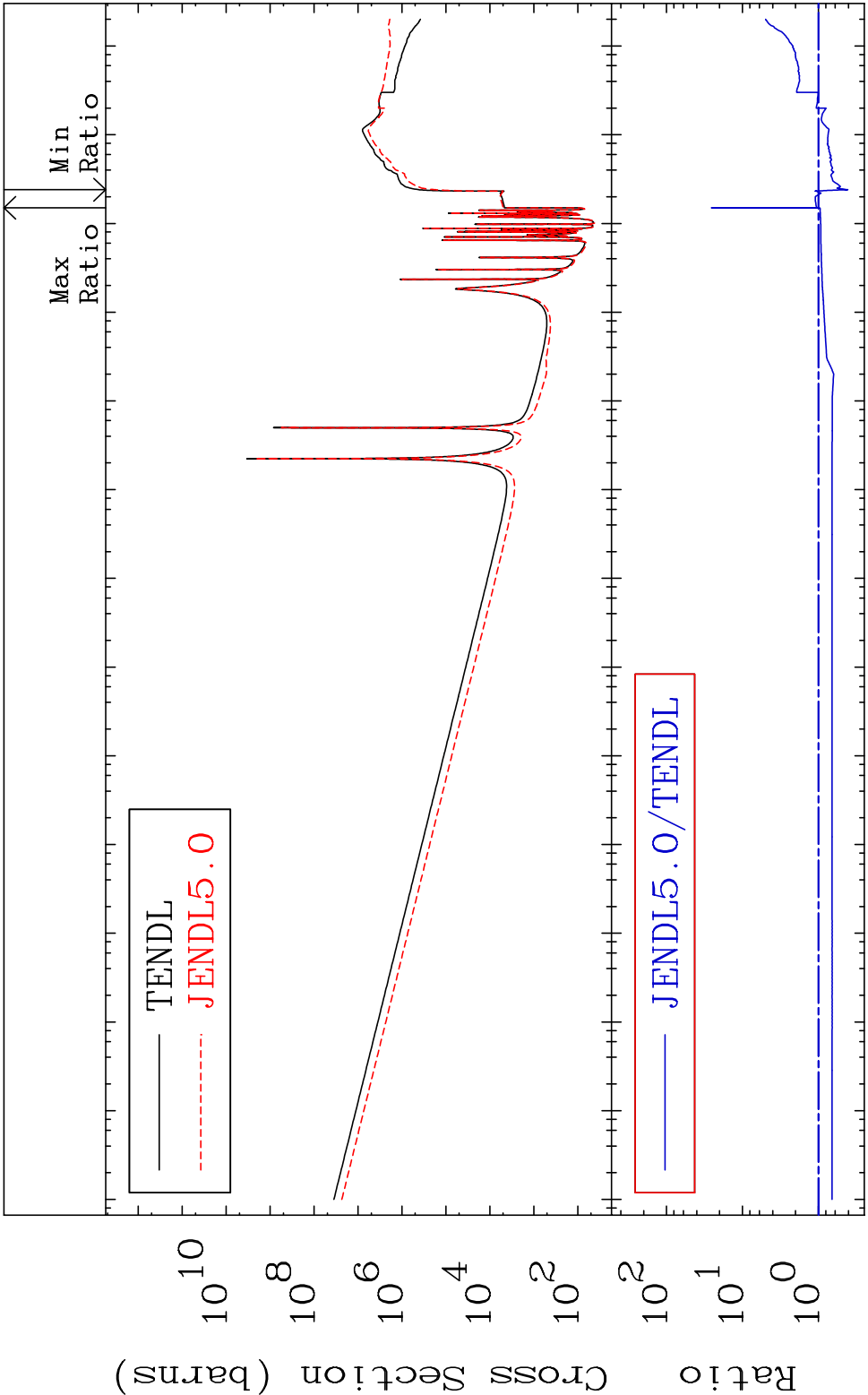


MAT 1431 Kerma fission (mt18 or mt19-20-21-38) 14-Si-30
Cross Section -100.0 To 9999. %



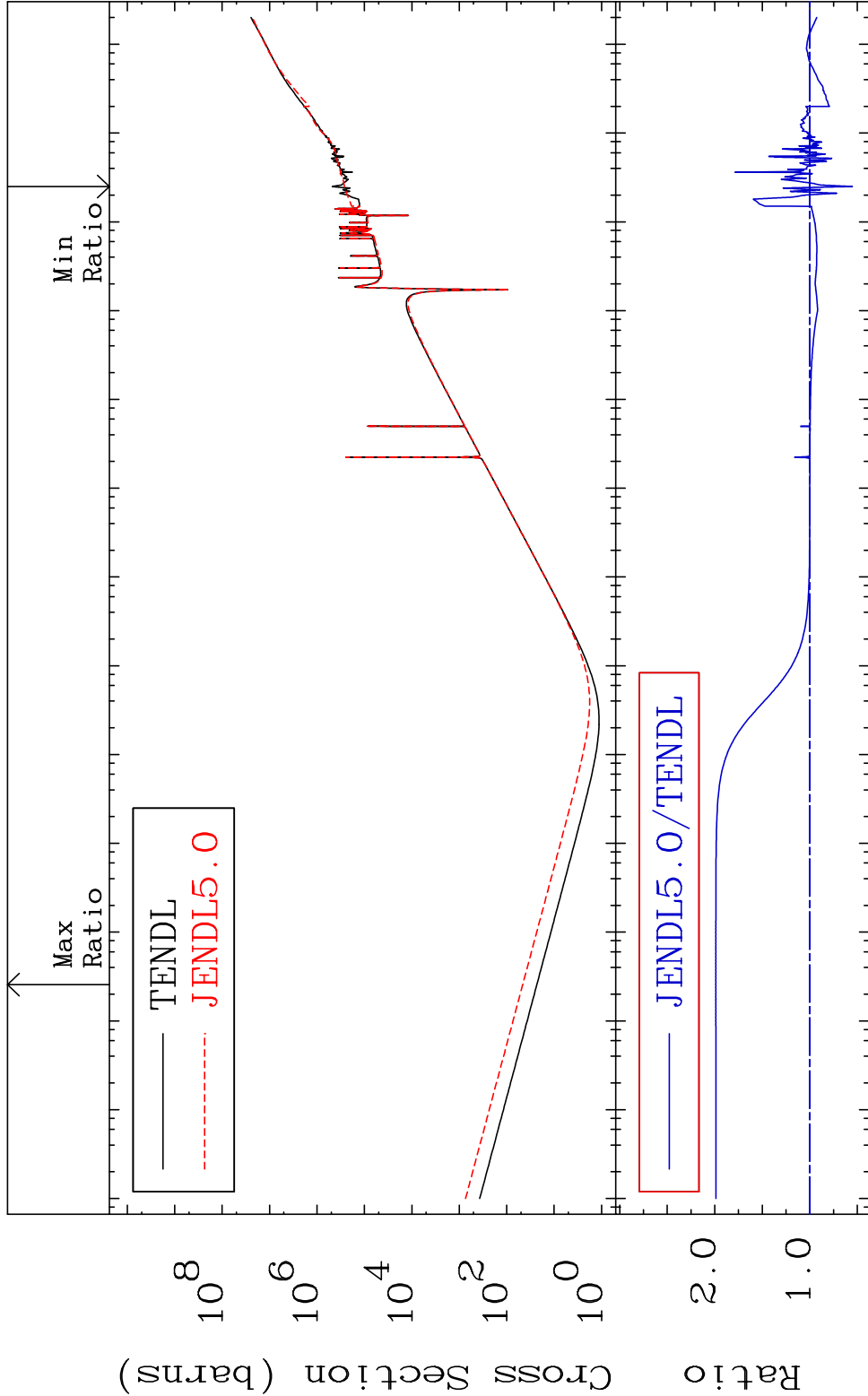


MAT 1431 Total photon (eV-barns) 14-Si-30
Cross Section -58.97 To 2470. %

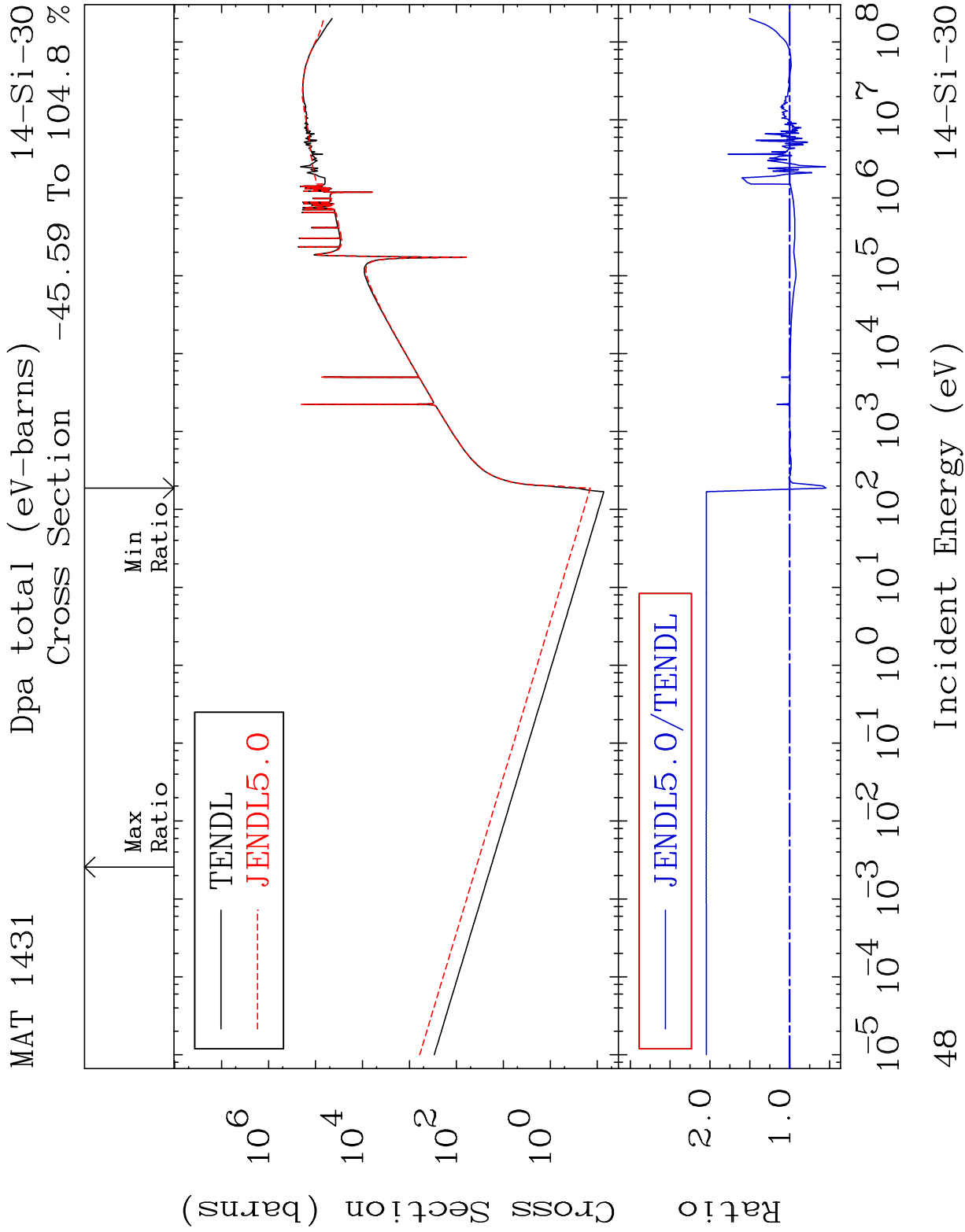


46 Incident Energy (eV) 14-Si-30

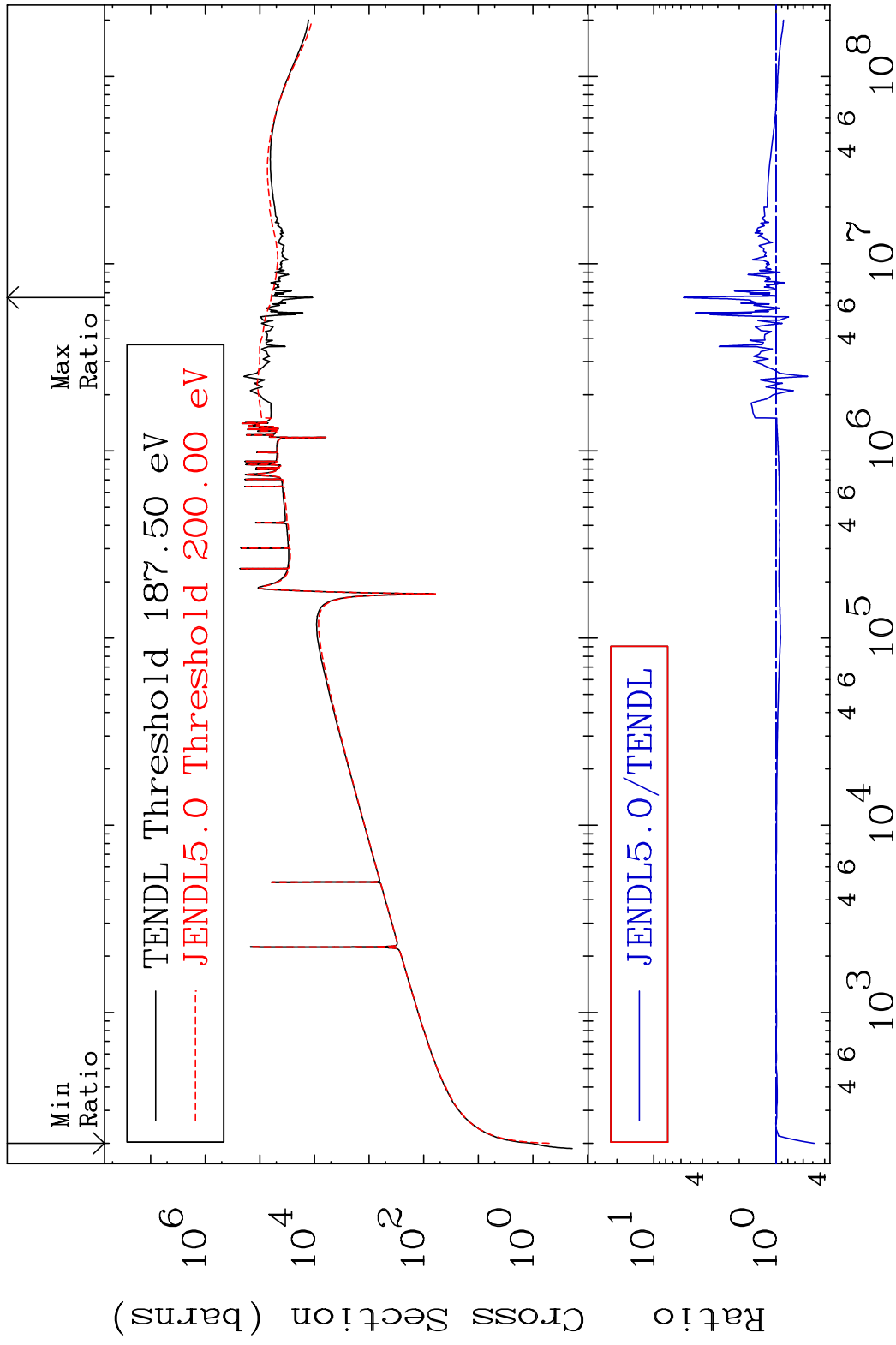
MAT 1431 Total kinematic kerma (high limit) 14-Si-30
Cross Section -44.70 To 99.04 %

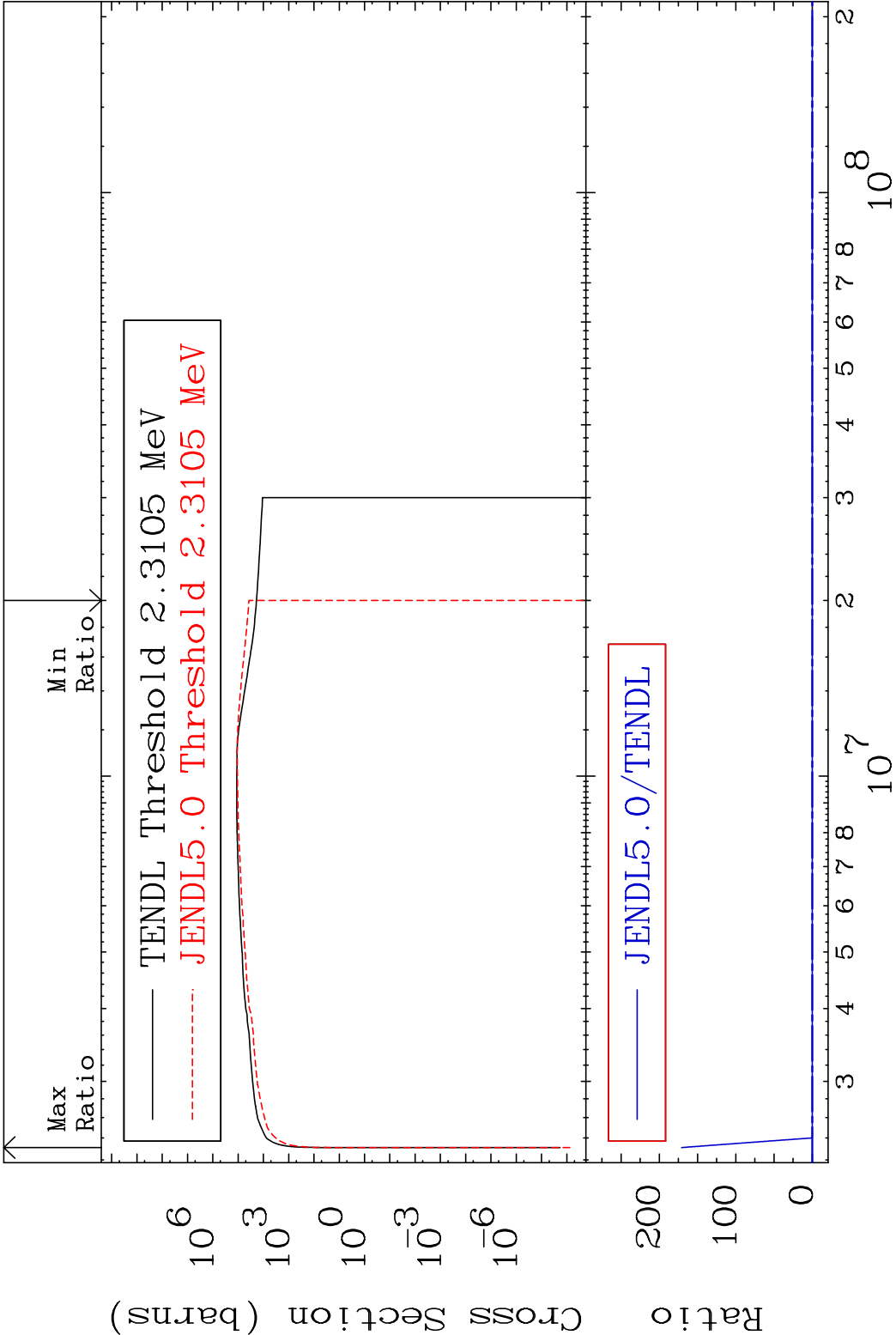


47 Incident Energy (eV) 14-Si-30



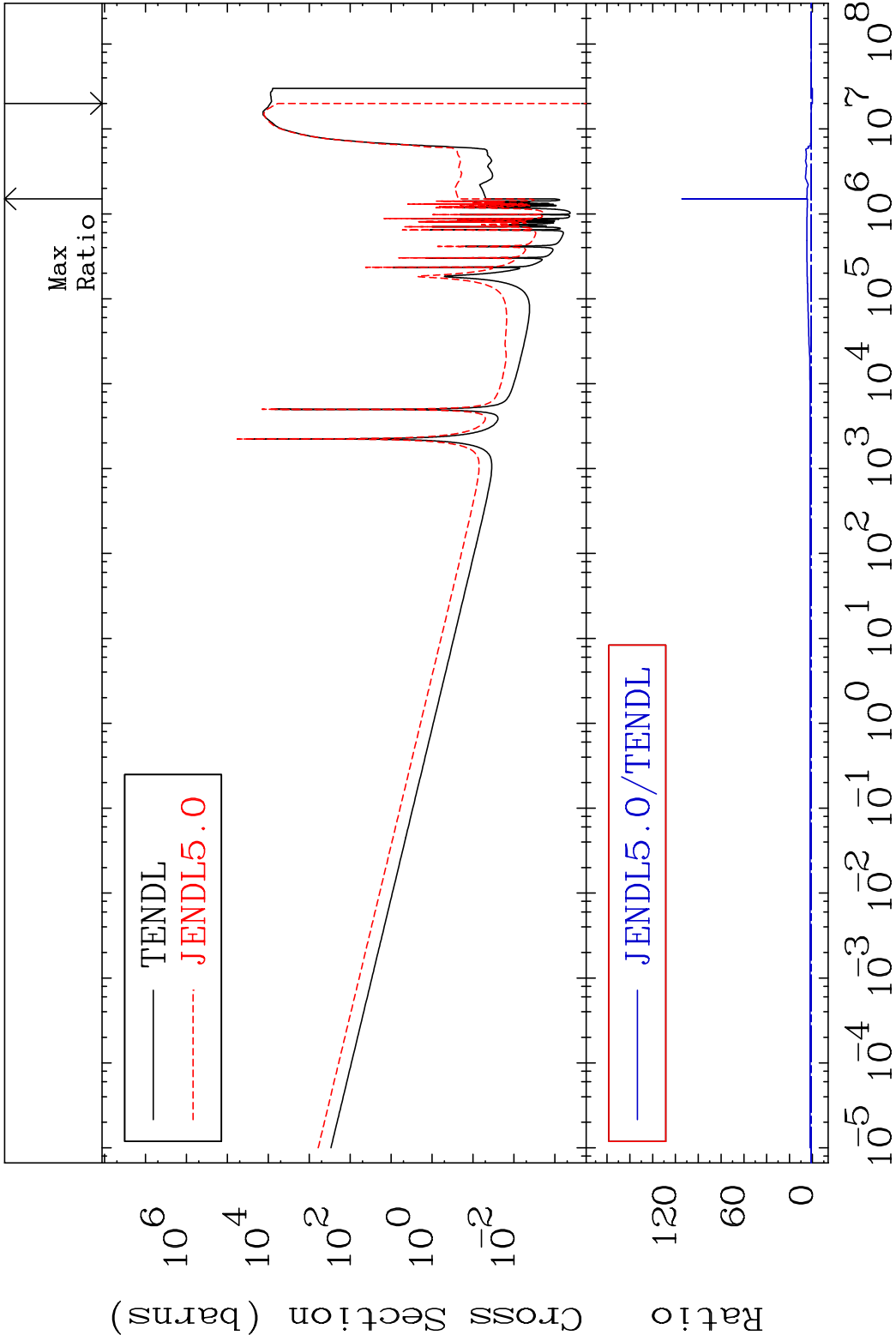
MAT 1431 Dpa elastic (mt2) 14-Si-30
 Cross Section -51.14 To 469.6 %





MAT 1431 Dpa disappearance (mt102 -120) 14-Si-30

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

14-Si-30