

Program Complot  
(Version 2021-1)

by

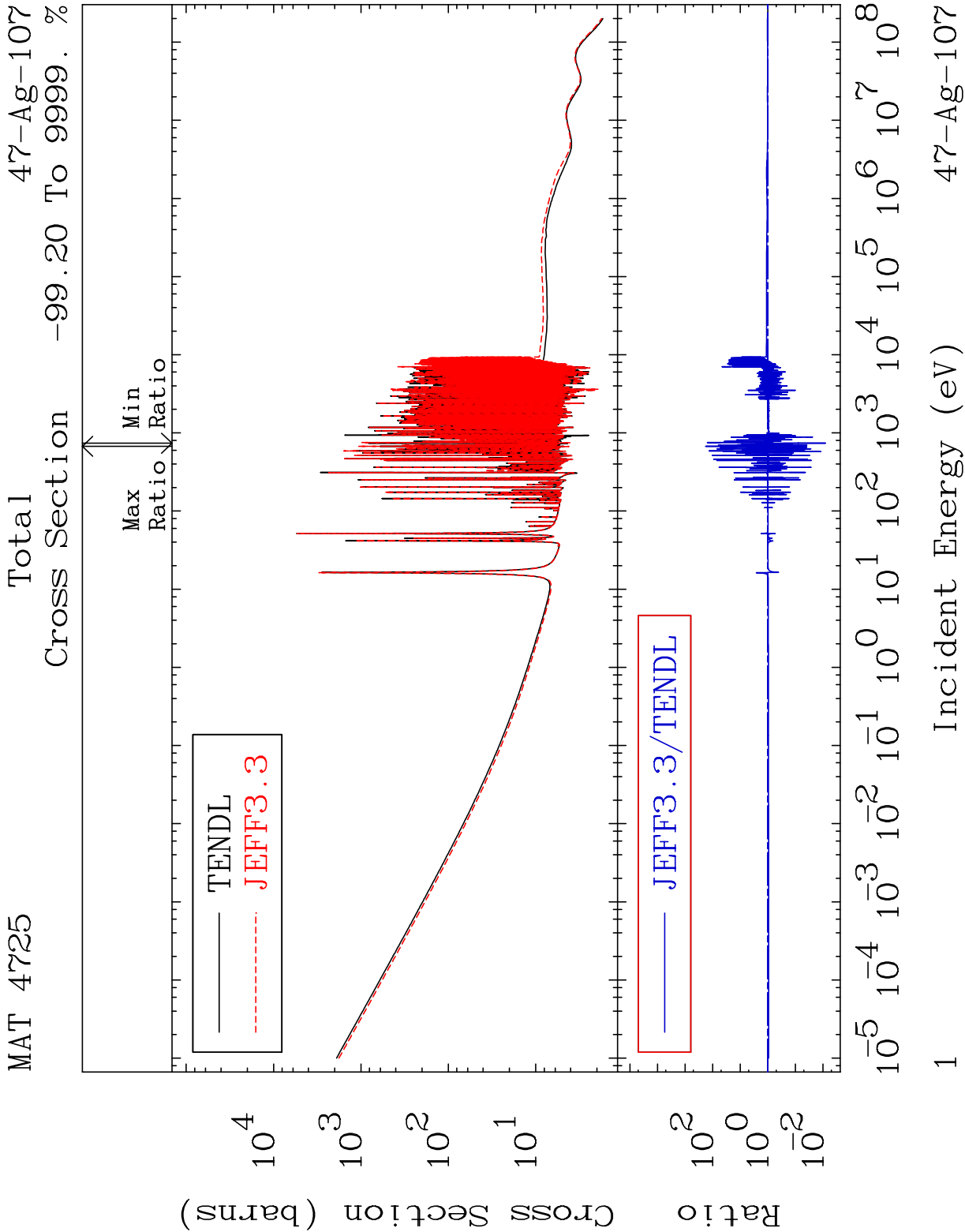
Dermott E. Cullen  
(Present Contact Information)

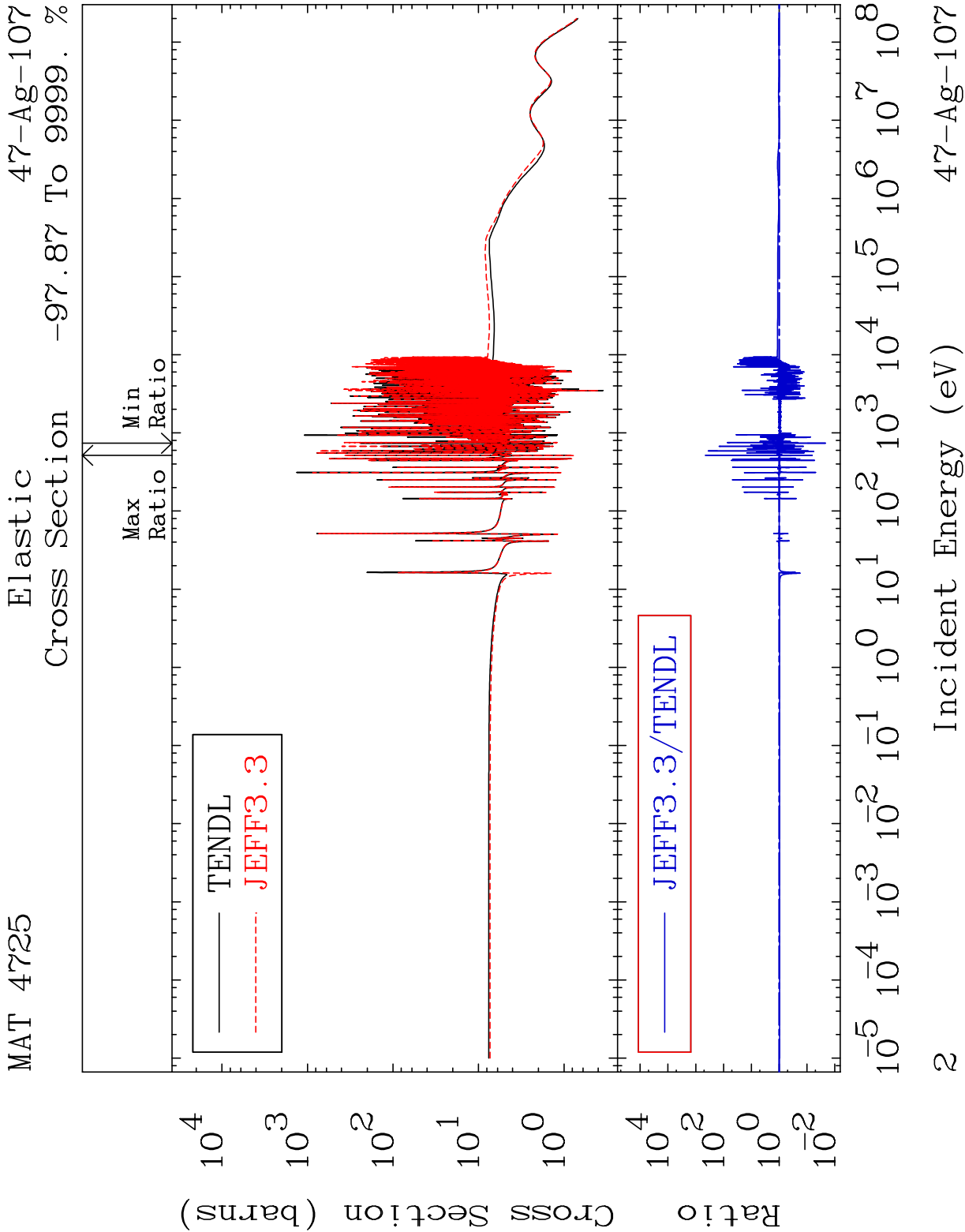
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

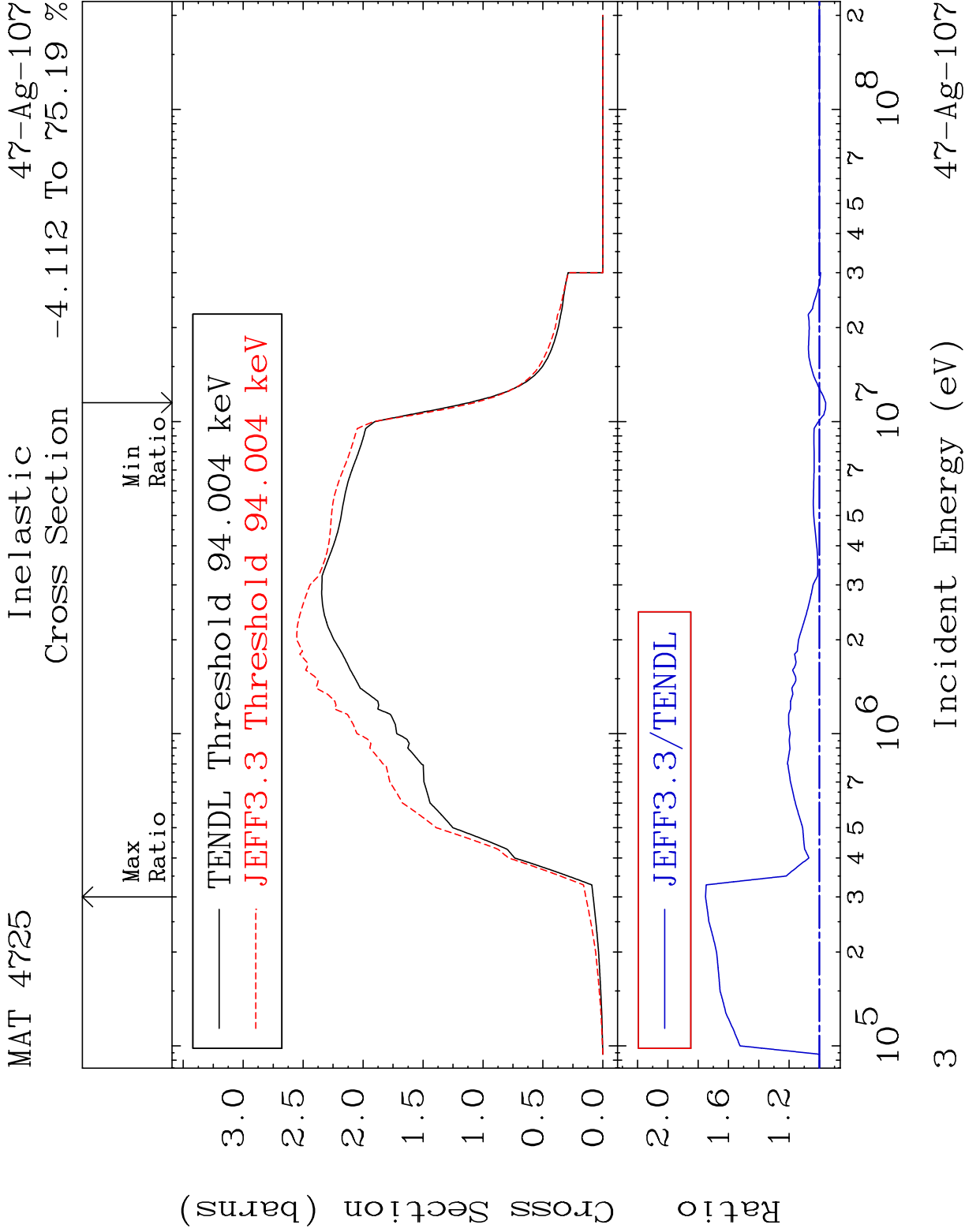
Tele: 925-443-1911

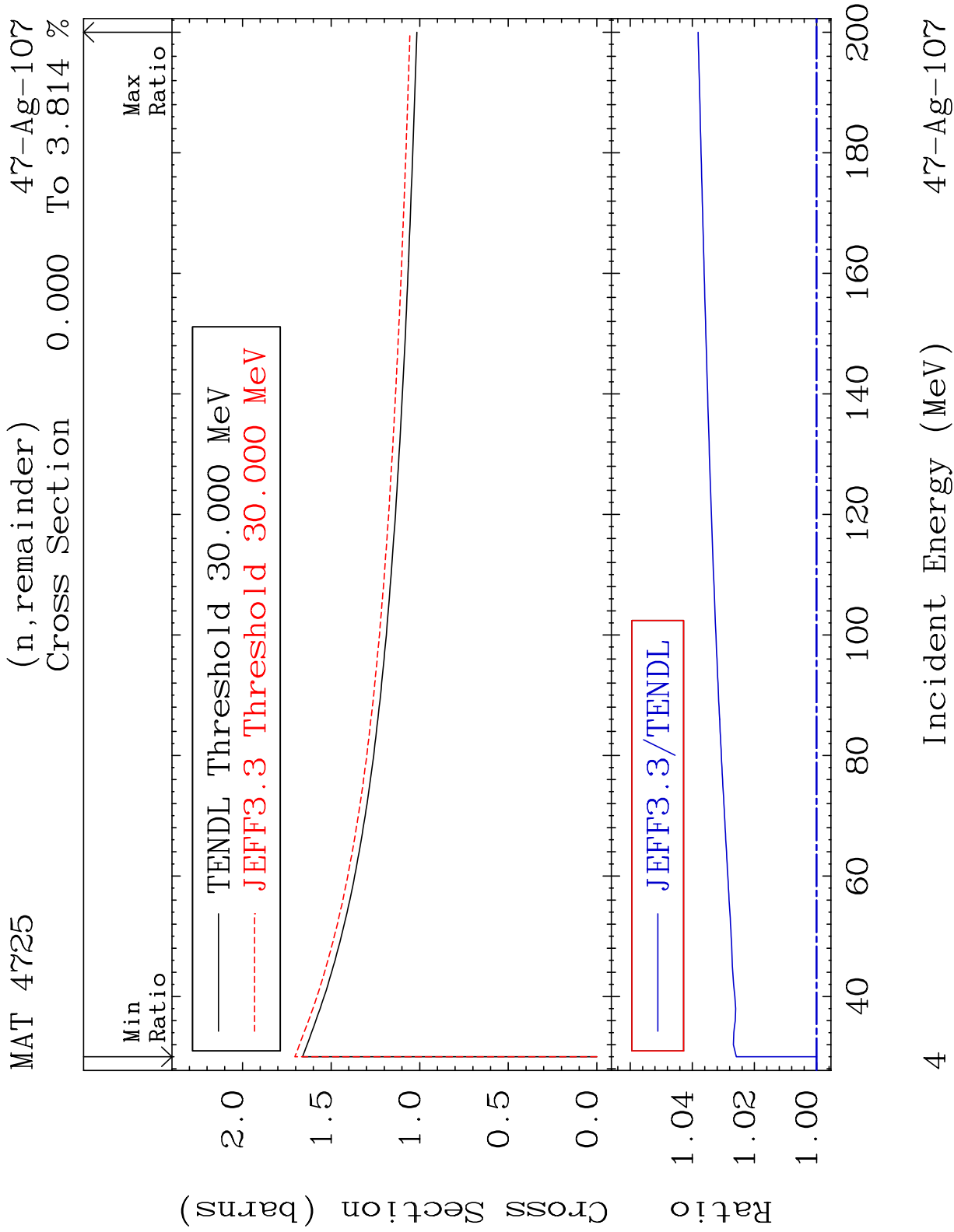
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

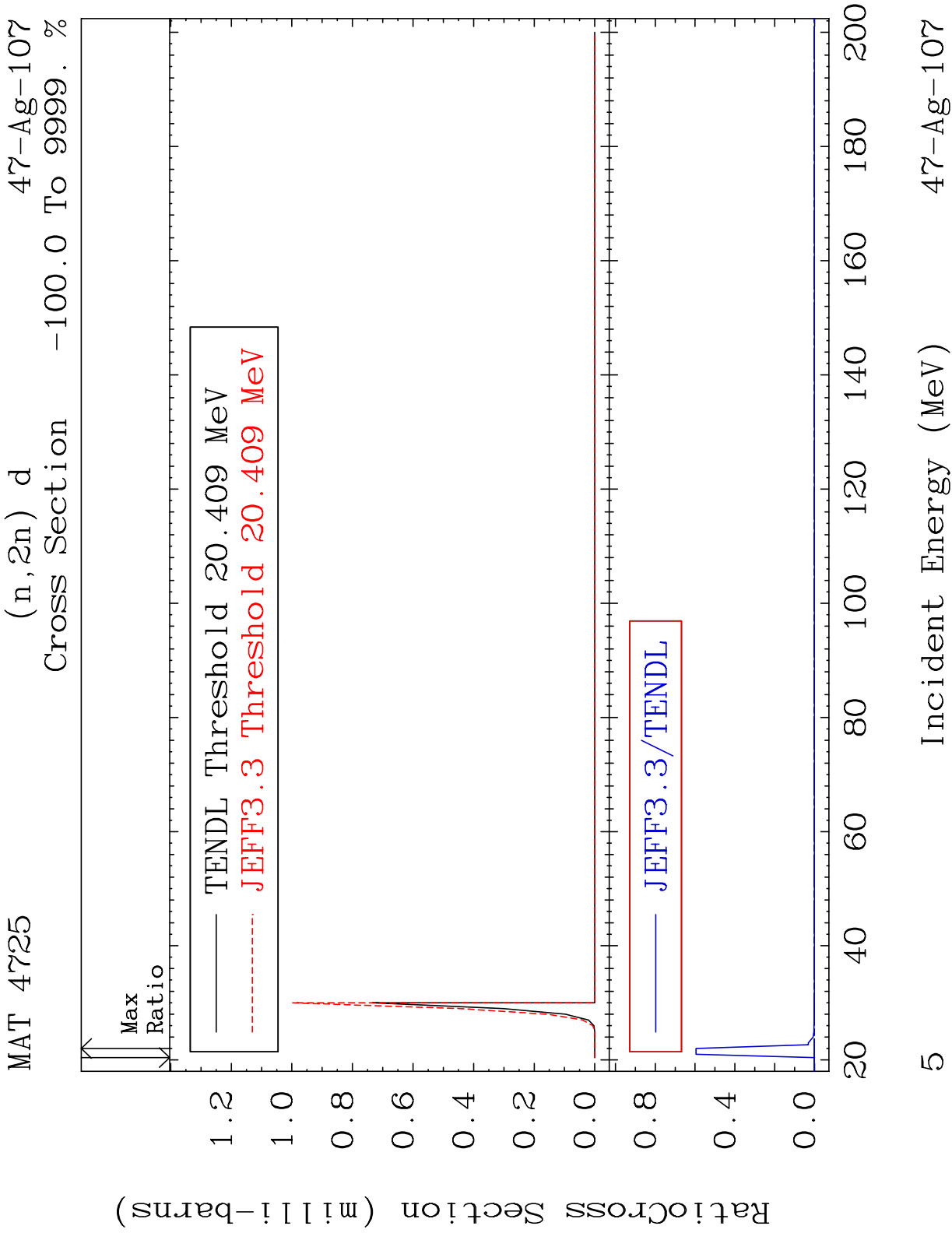
Press Mouse Button to Start

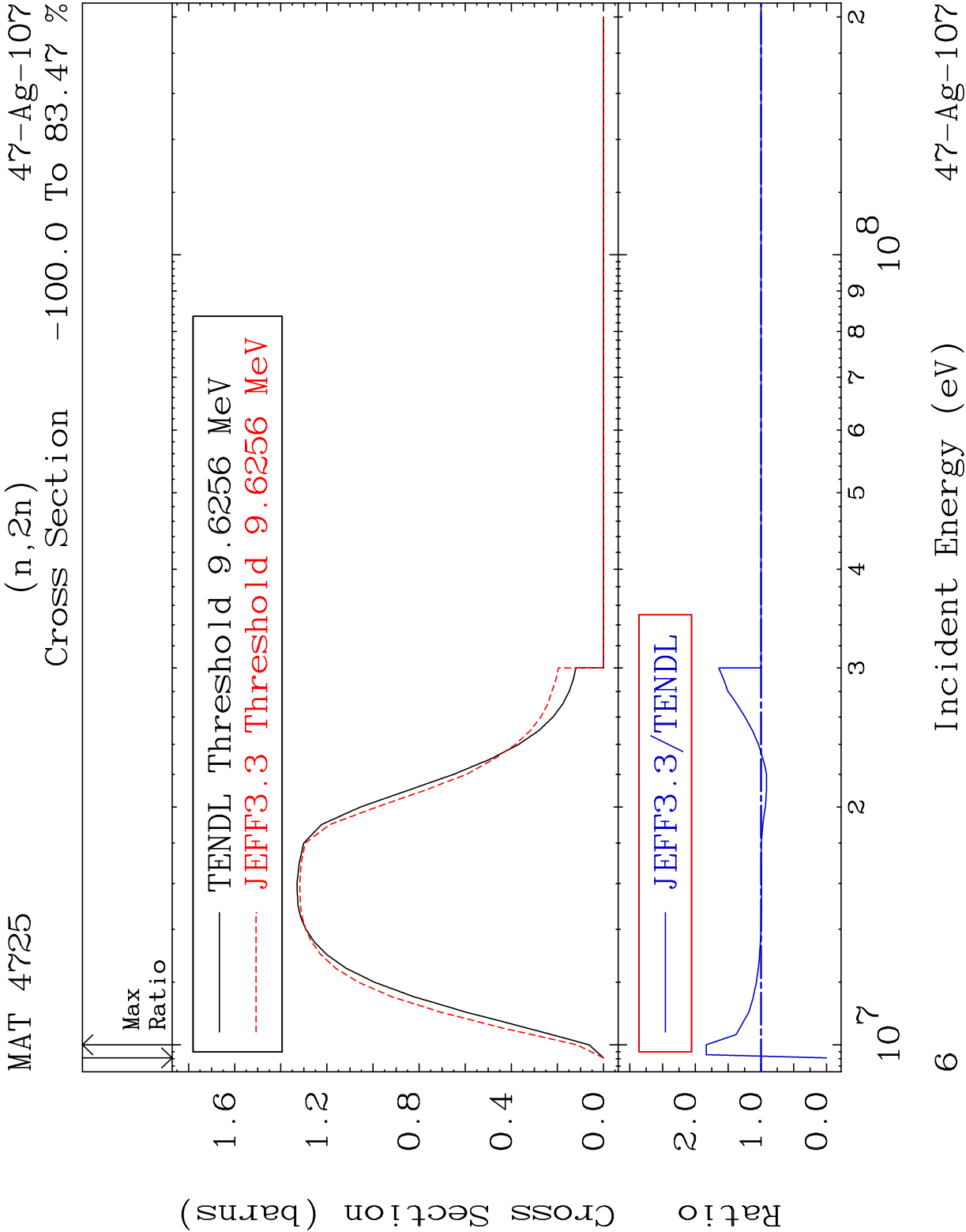


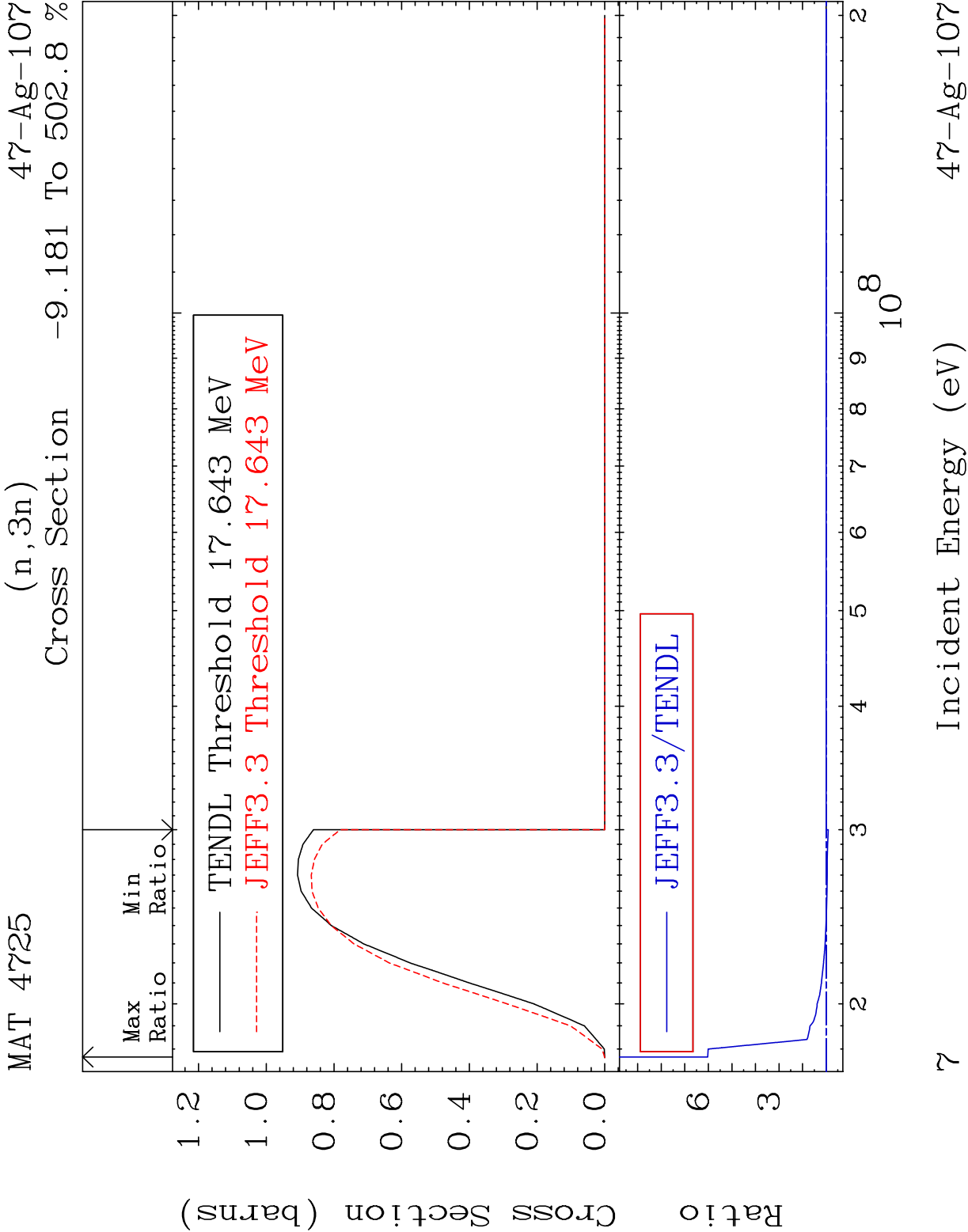




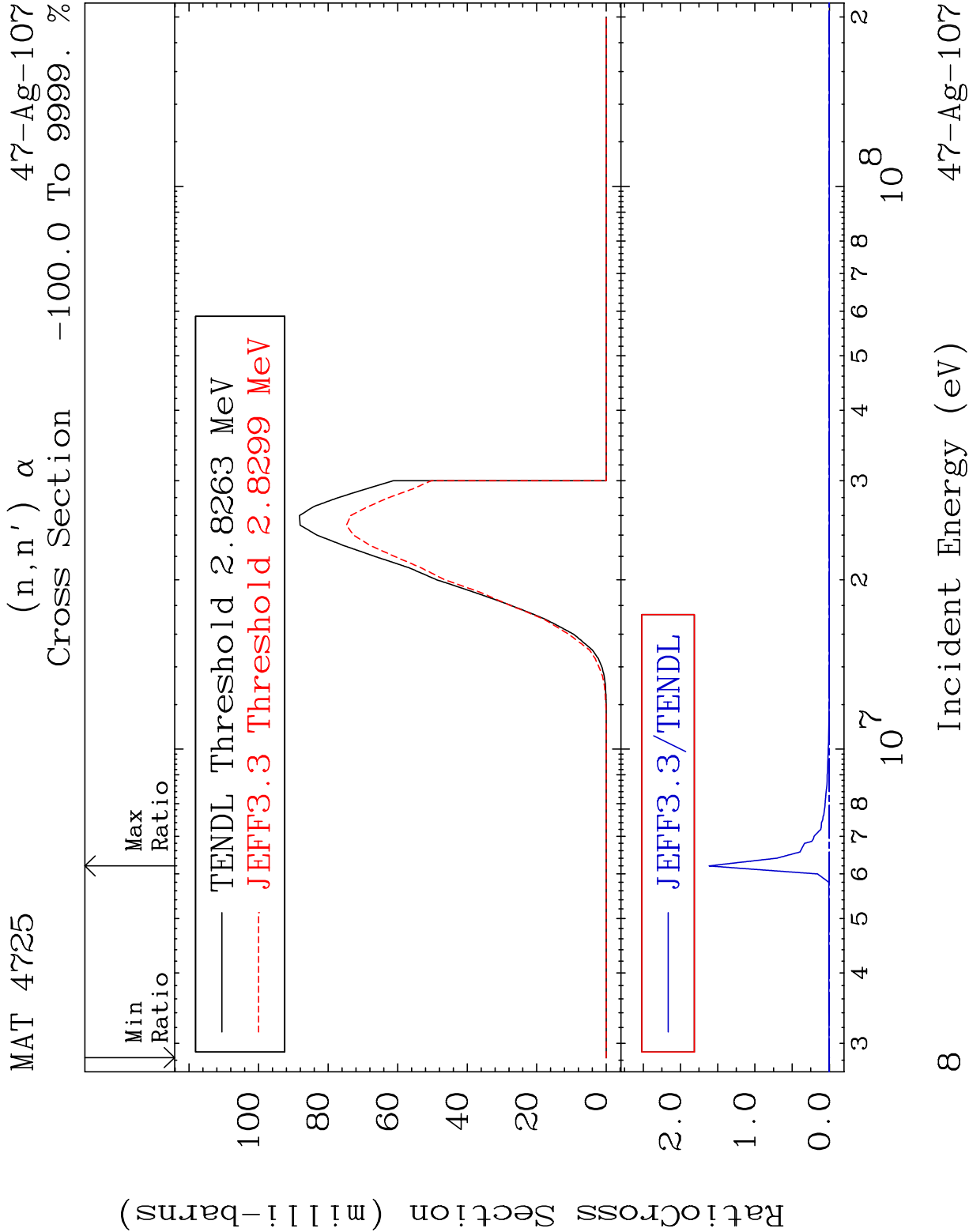


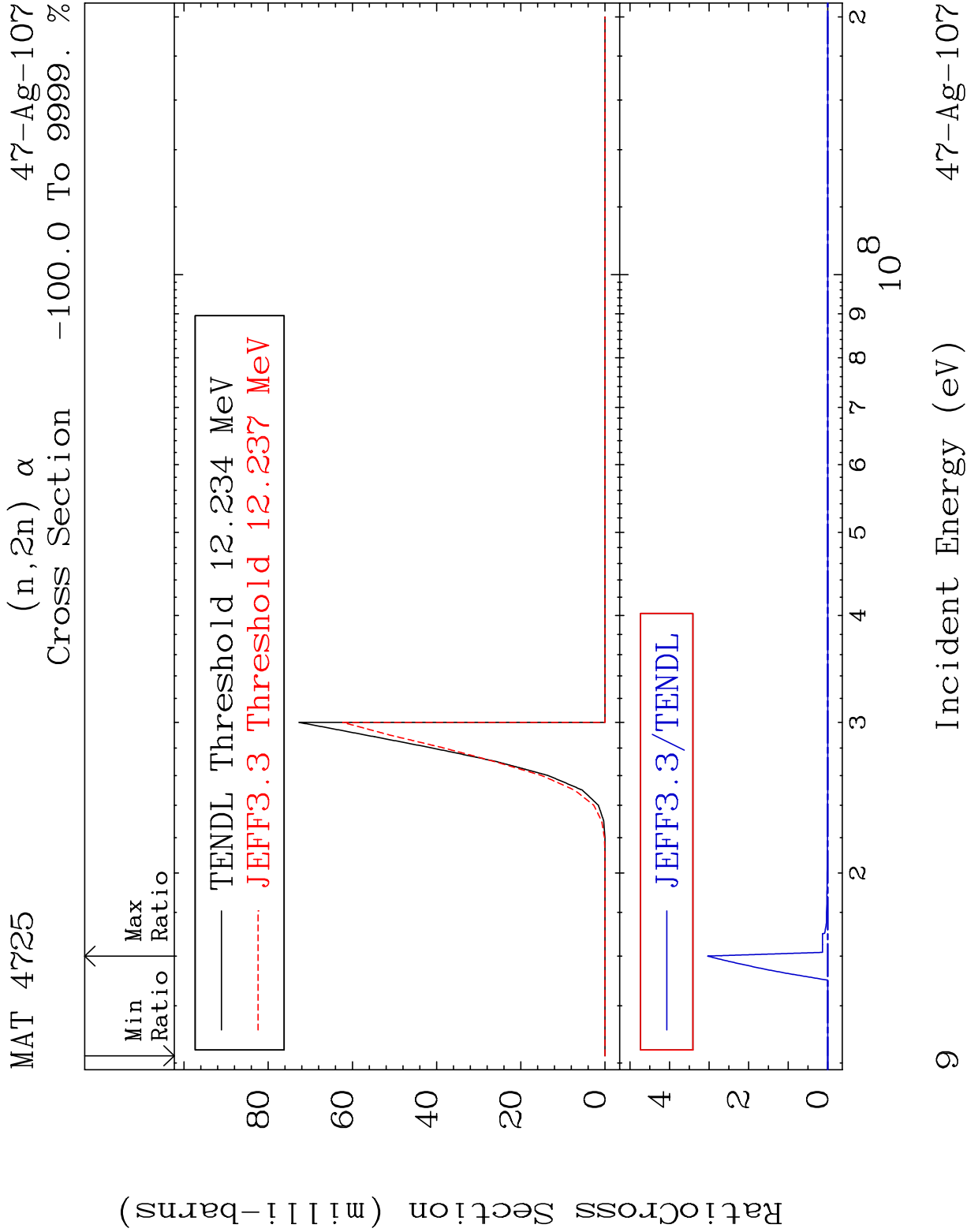


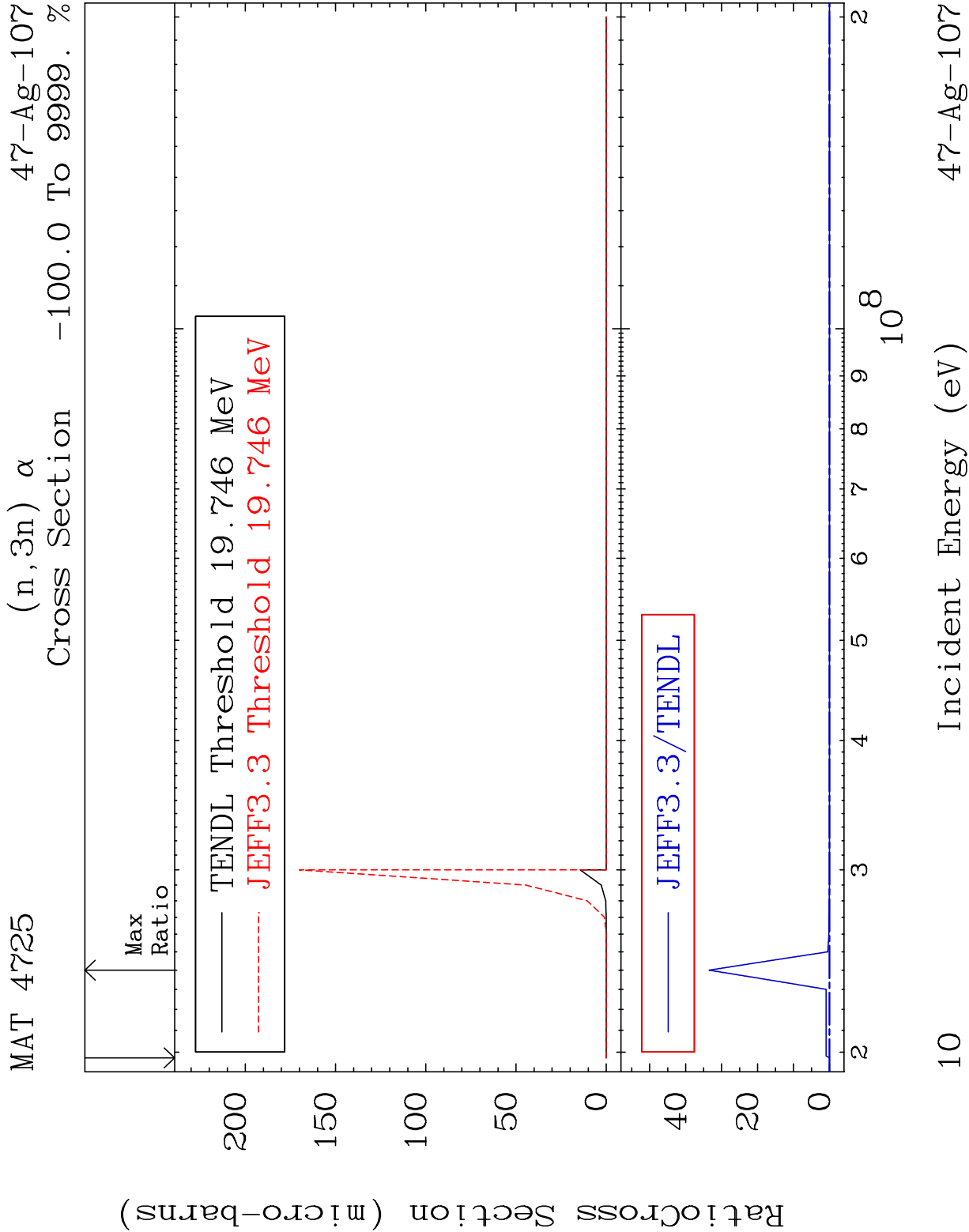


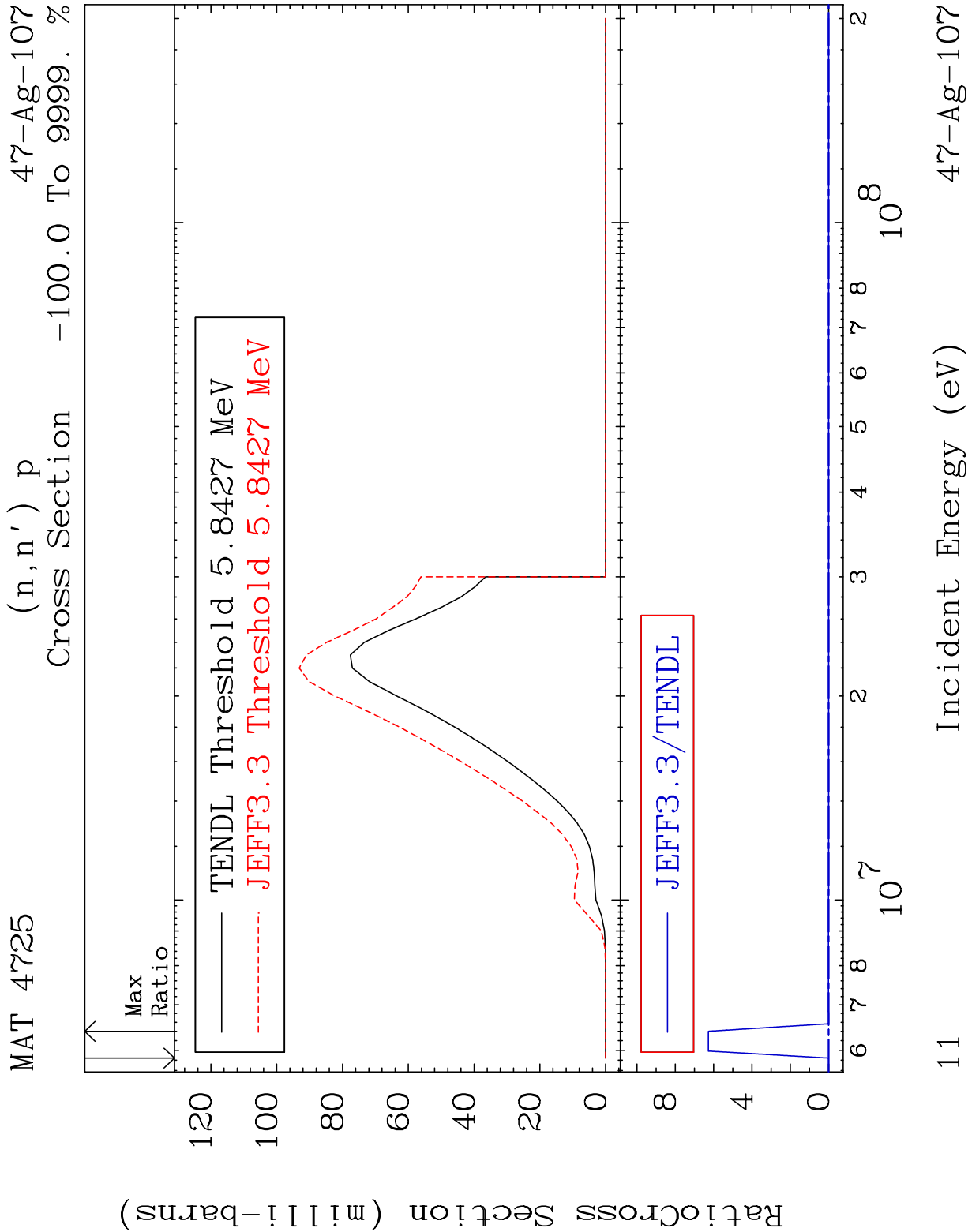


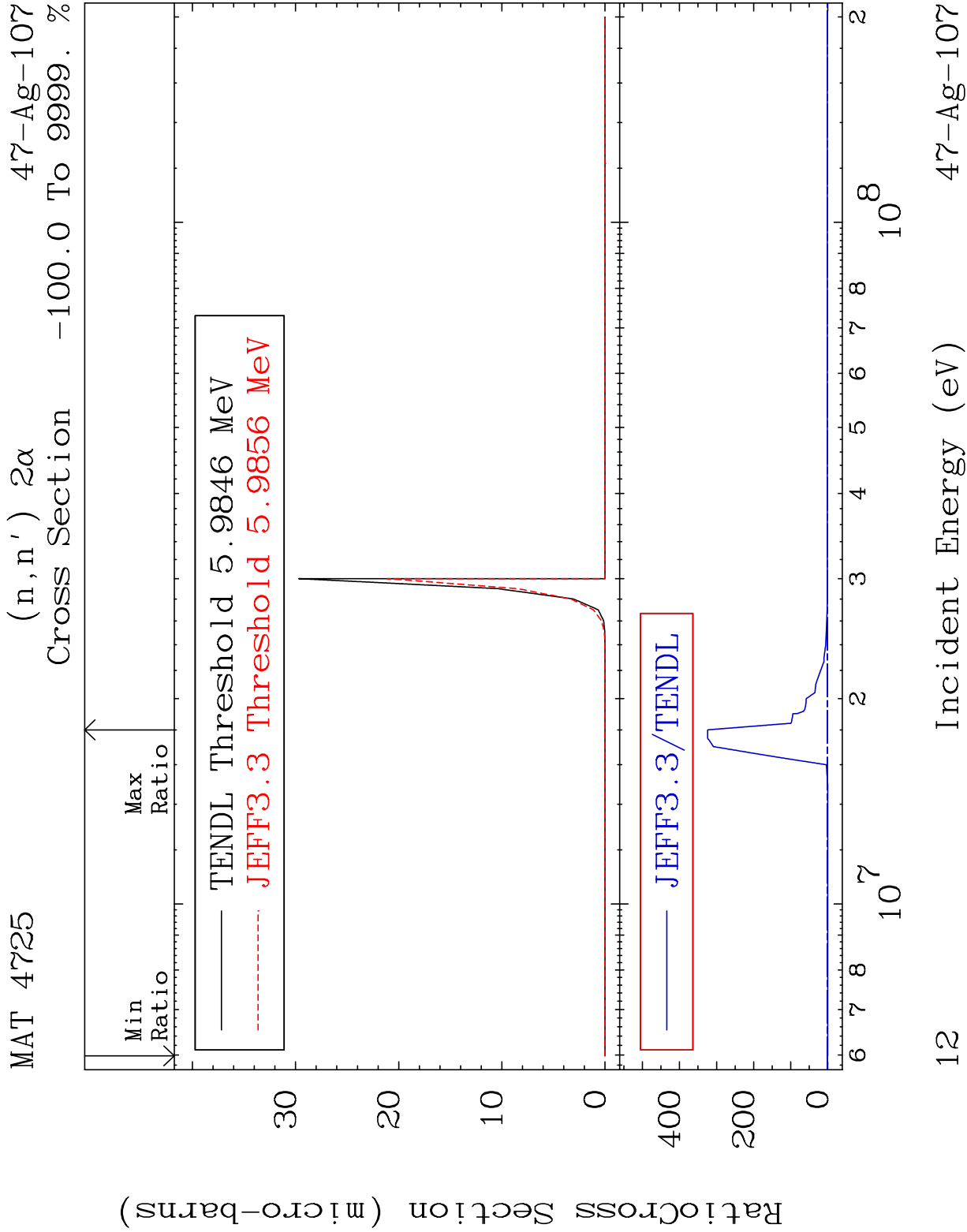


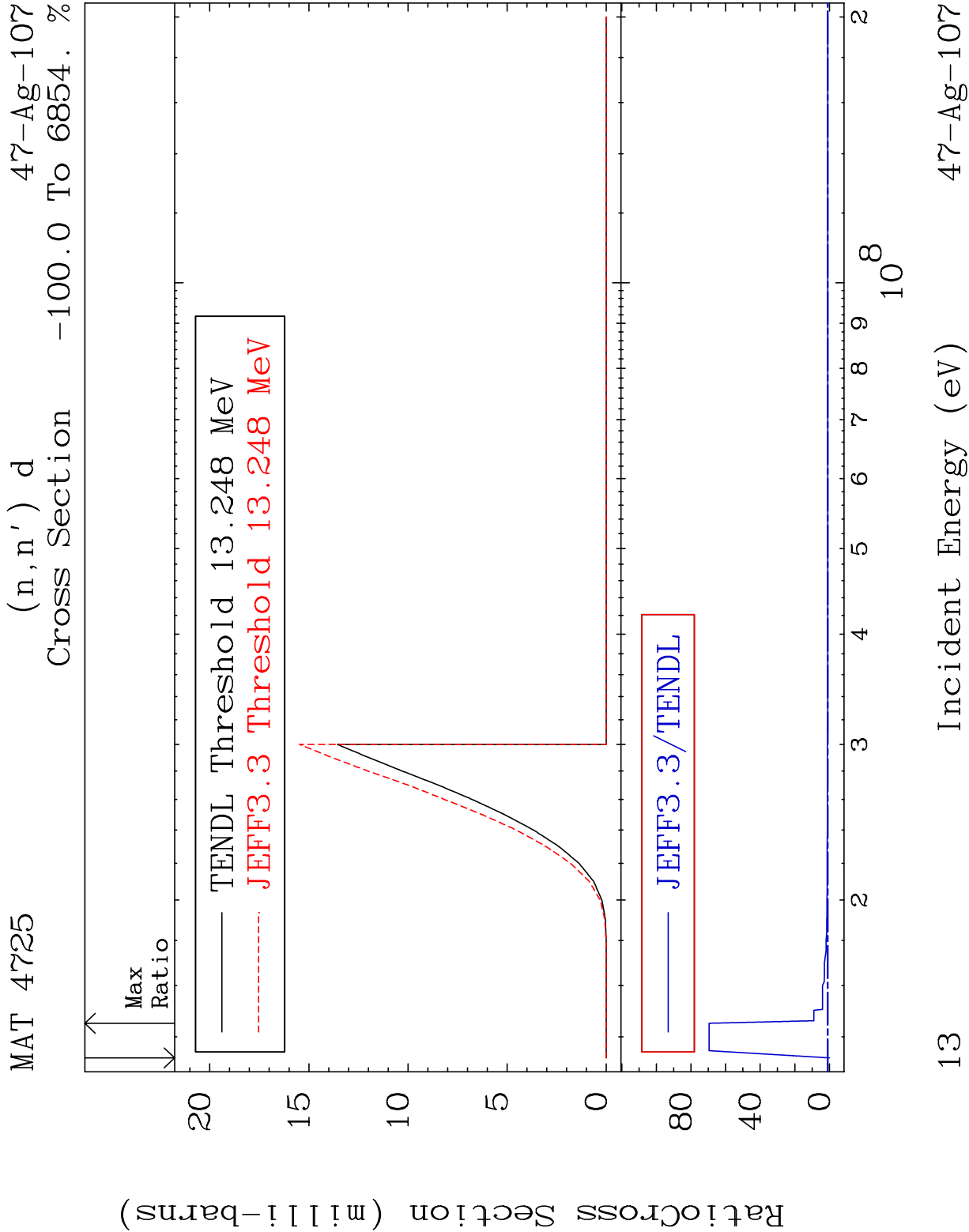


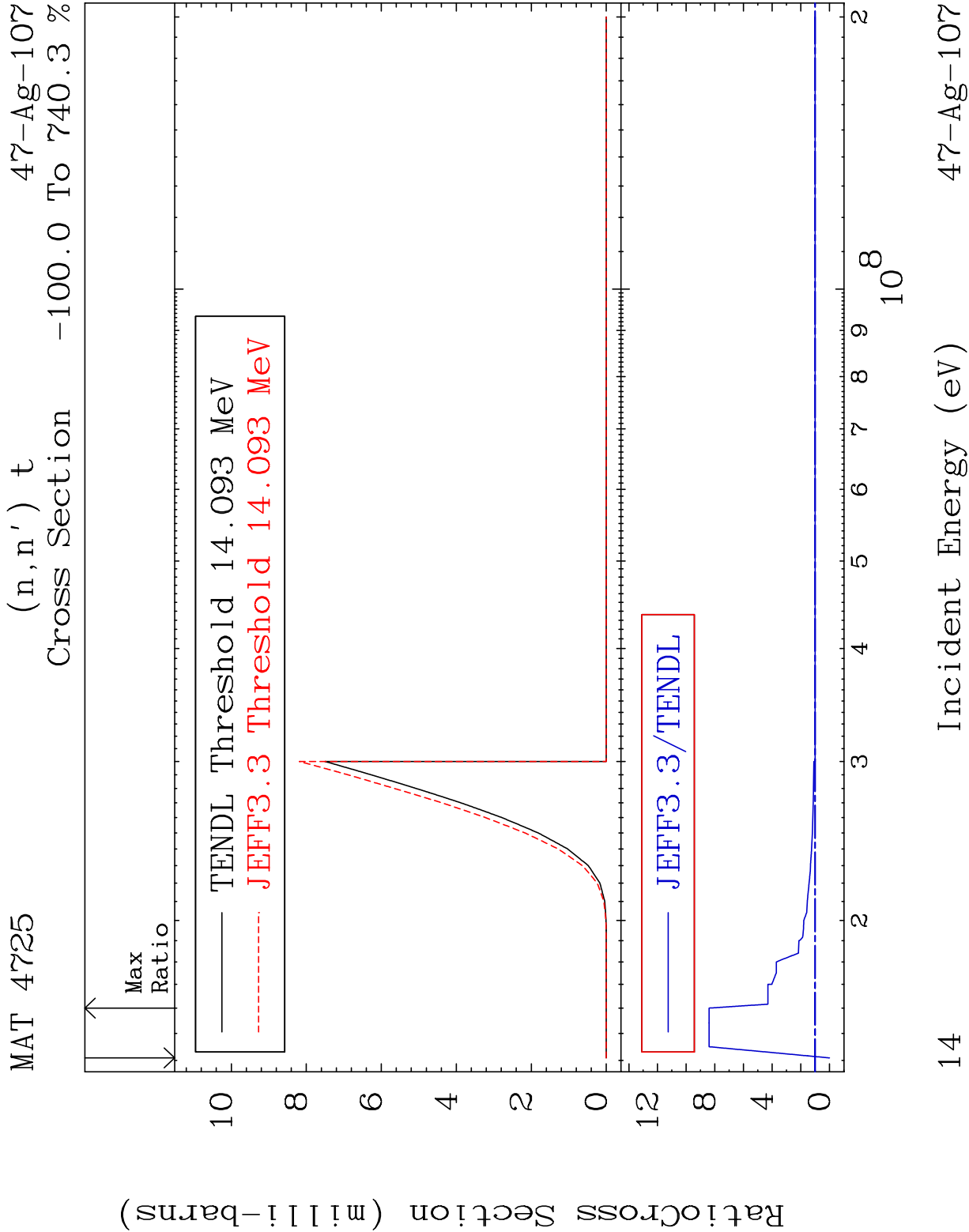


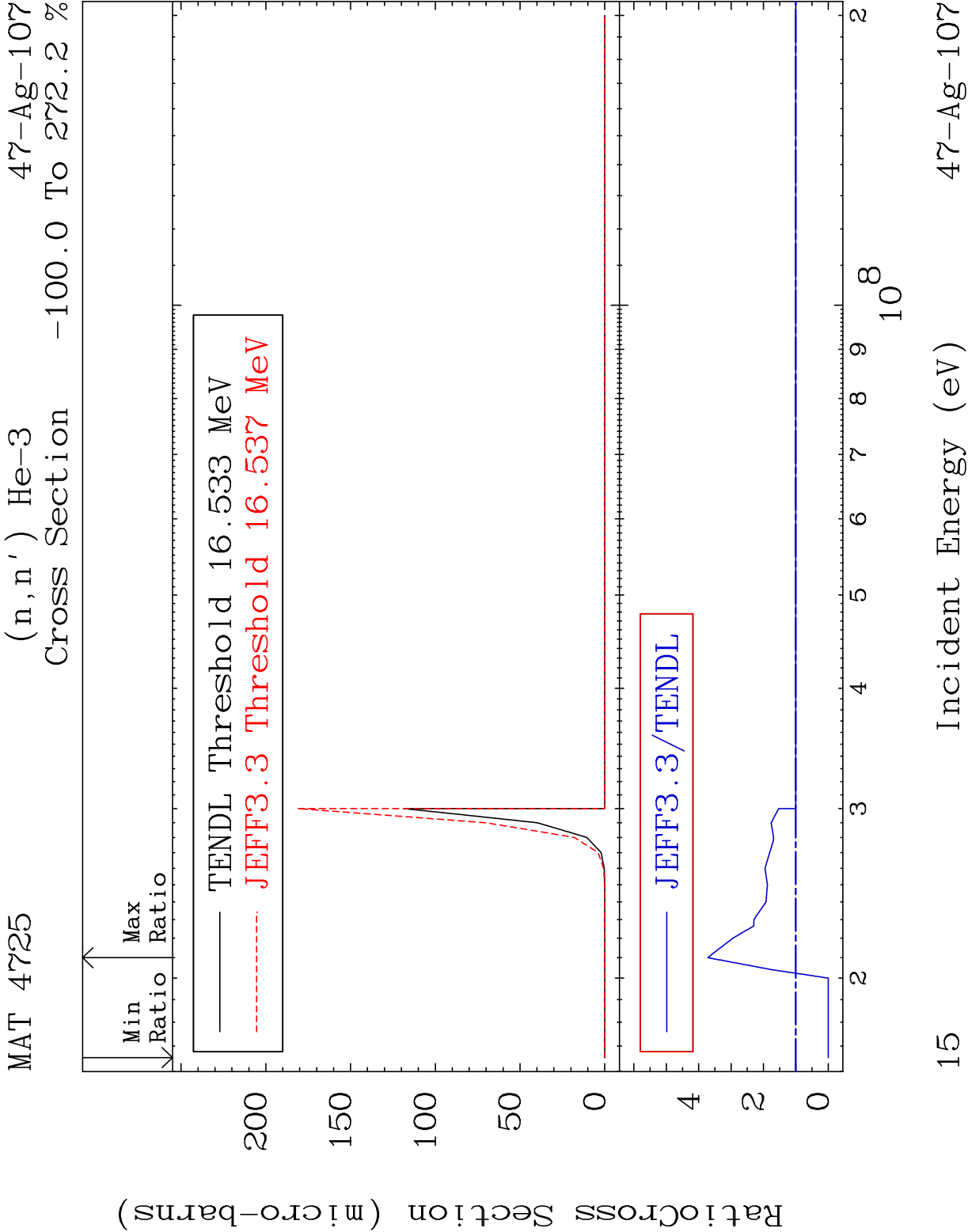




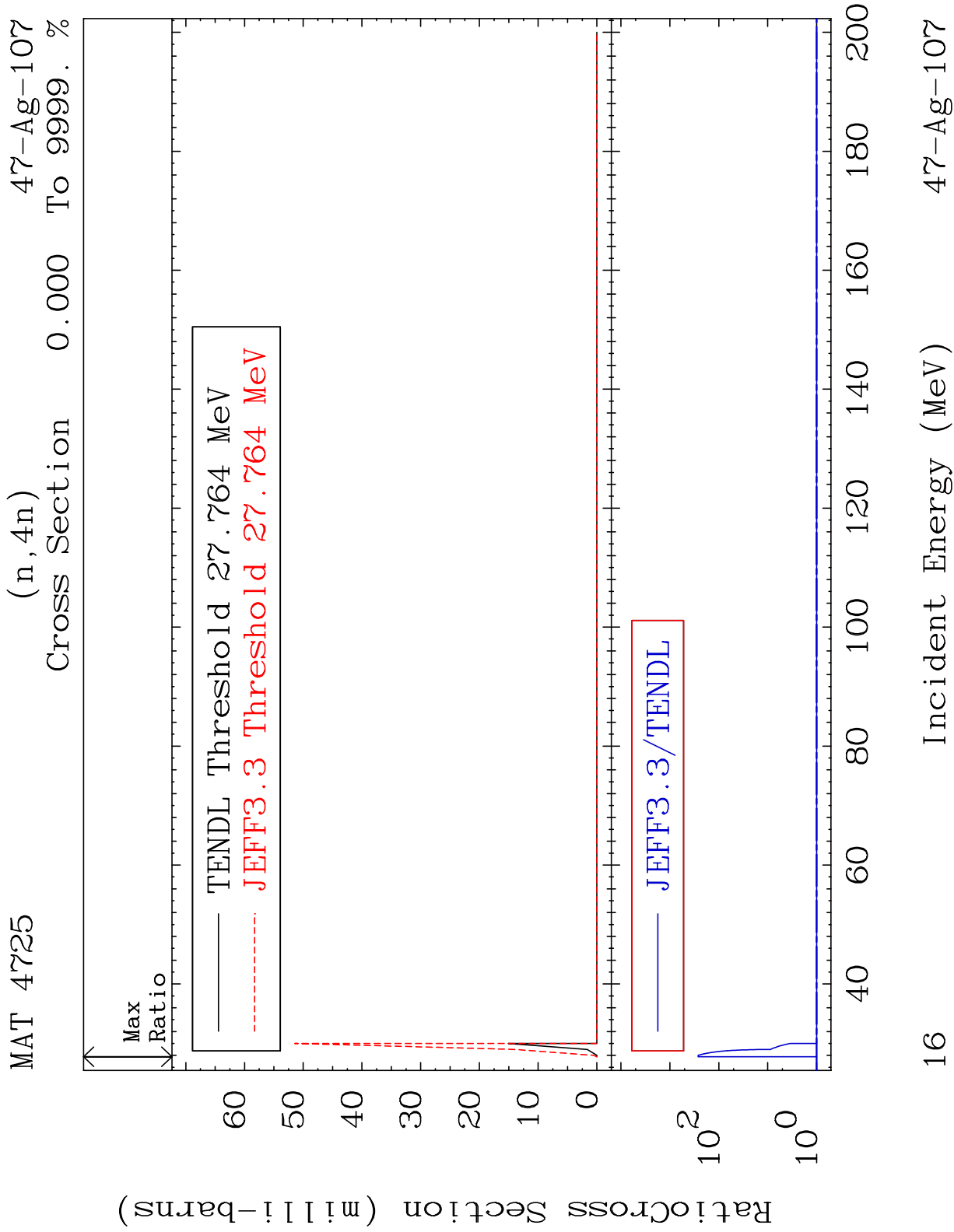


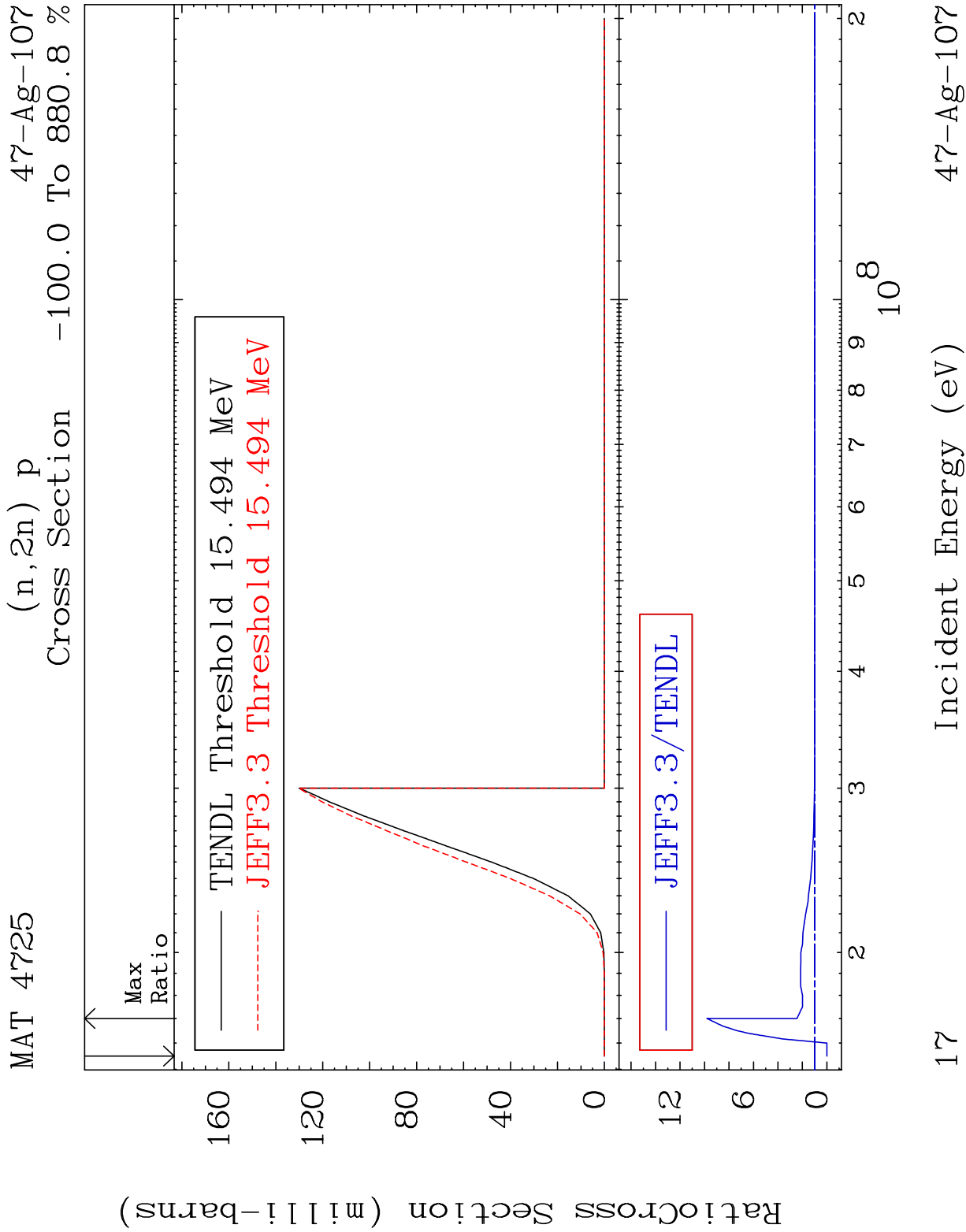


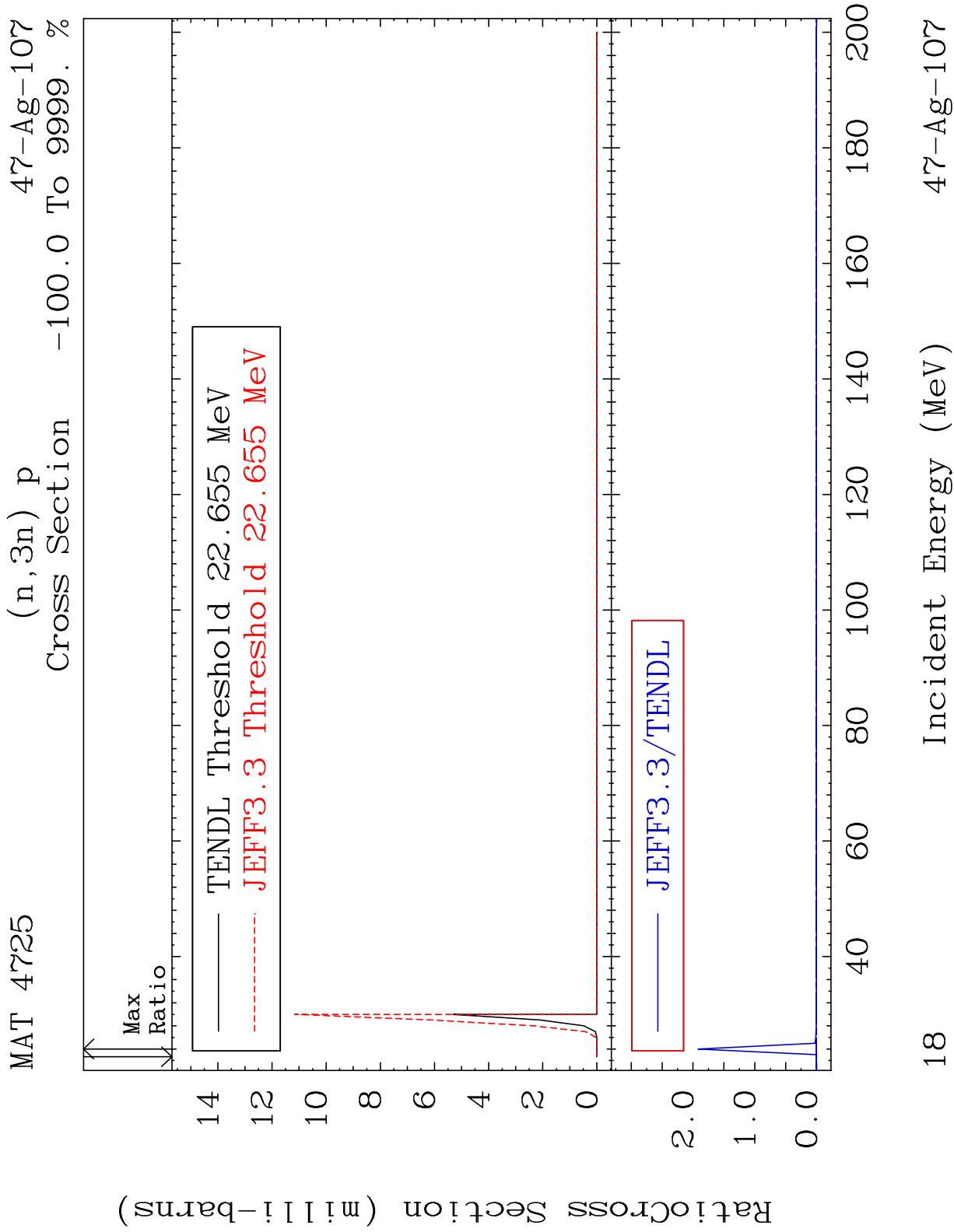


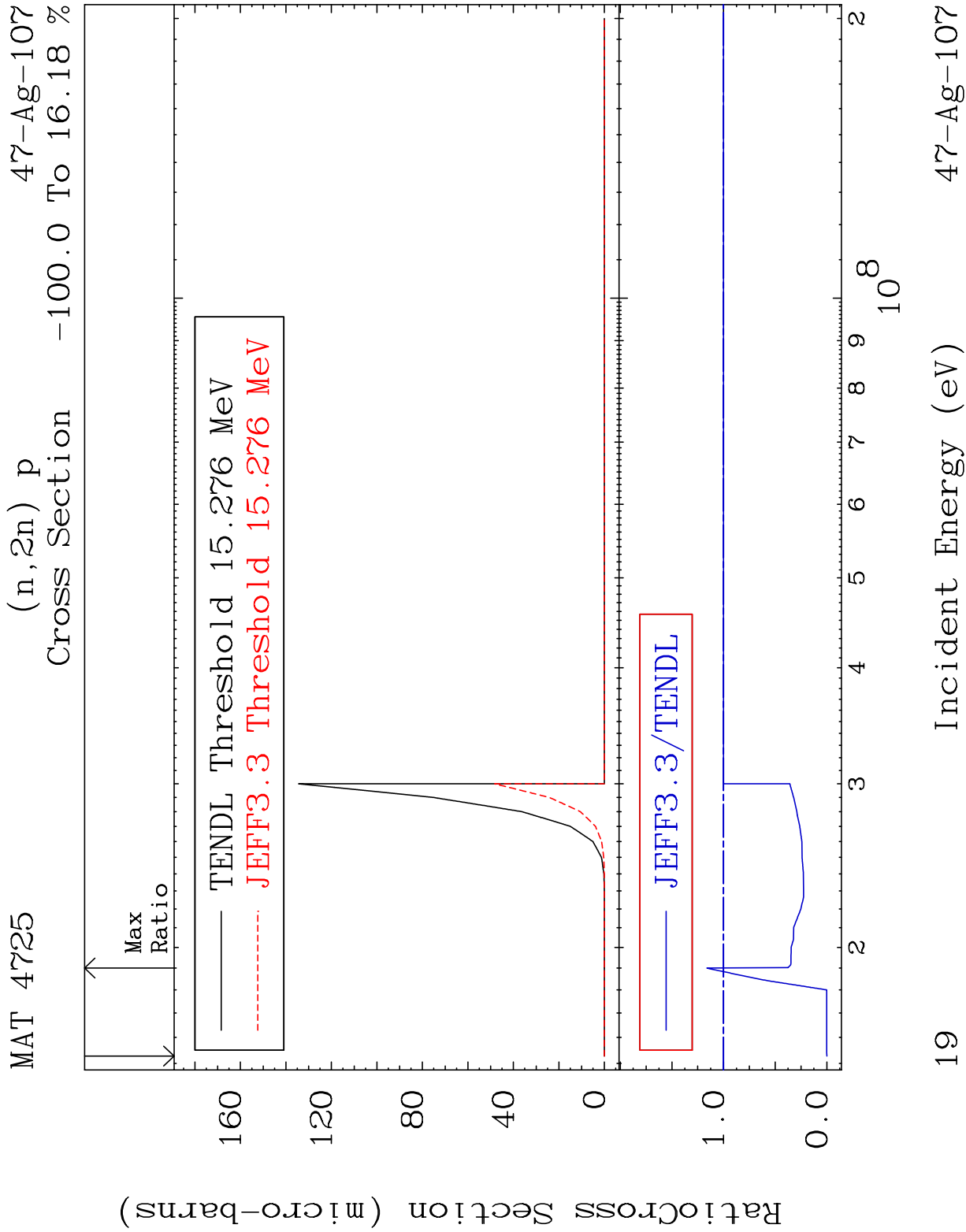


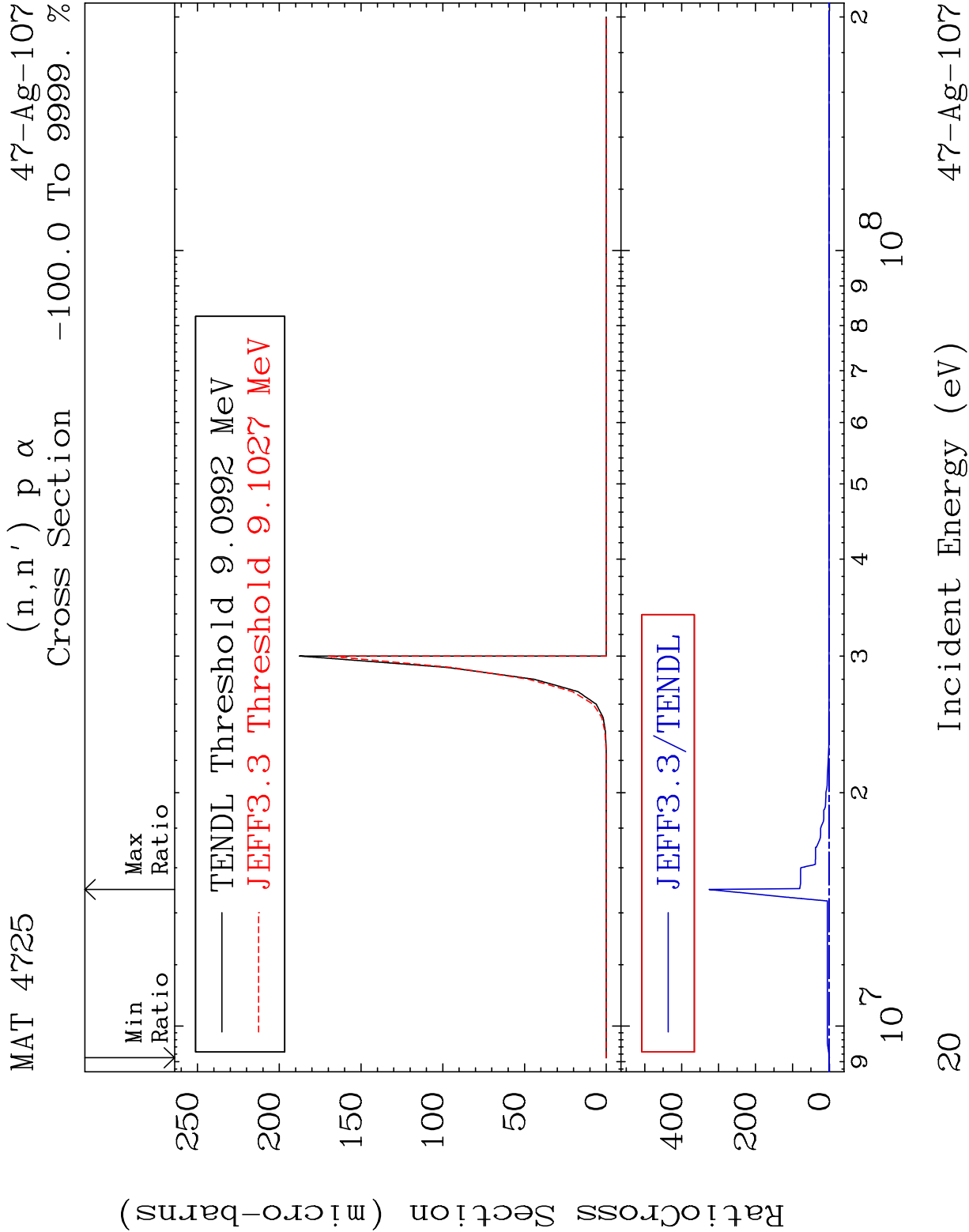




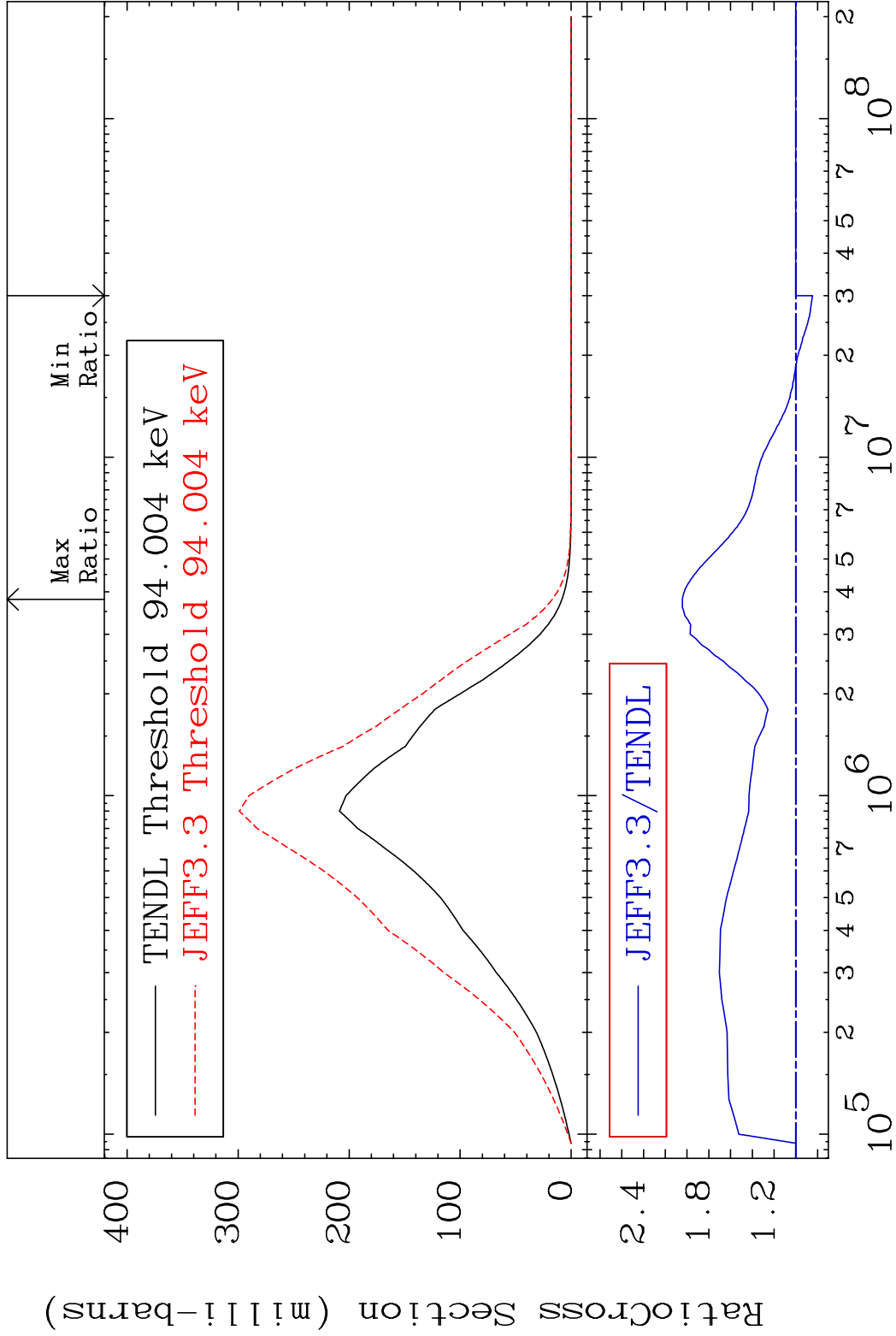








MAT 4725 MT= 51 (n,n') Level 47-Ag-107  
Cross Section -15.36 To 104.3 %



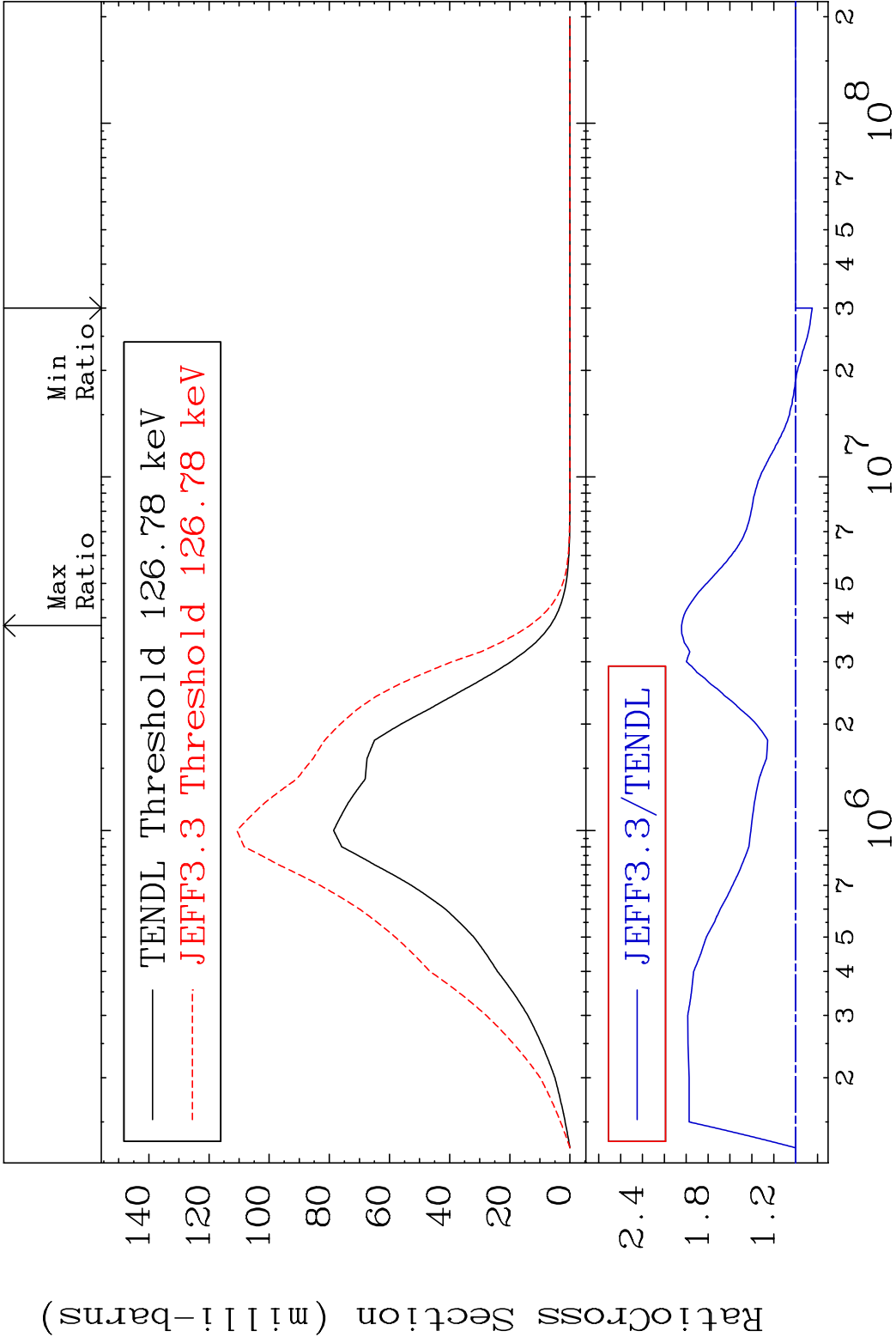
MAT 4725

MT= 52 (n,n') Level

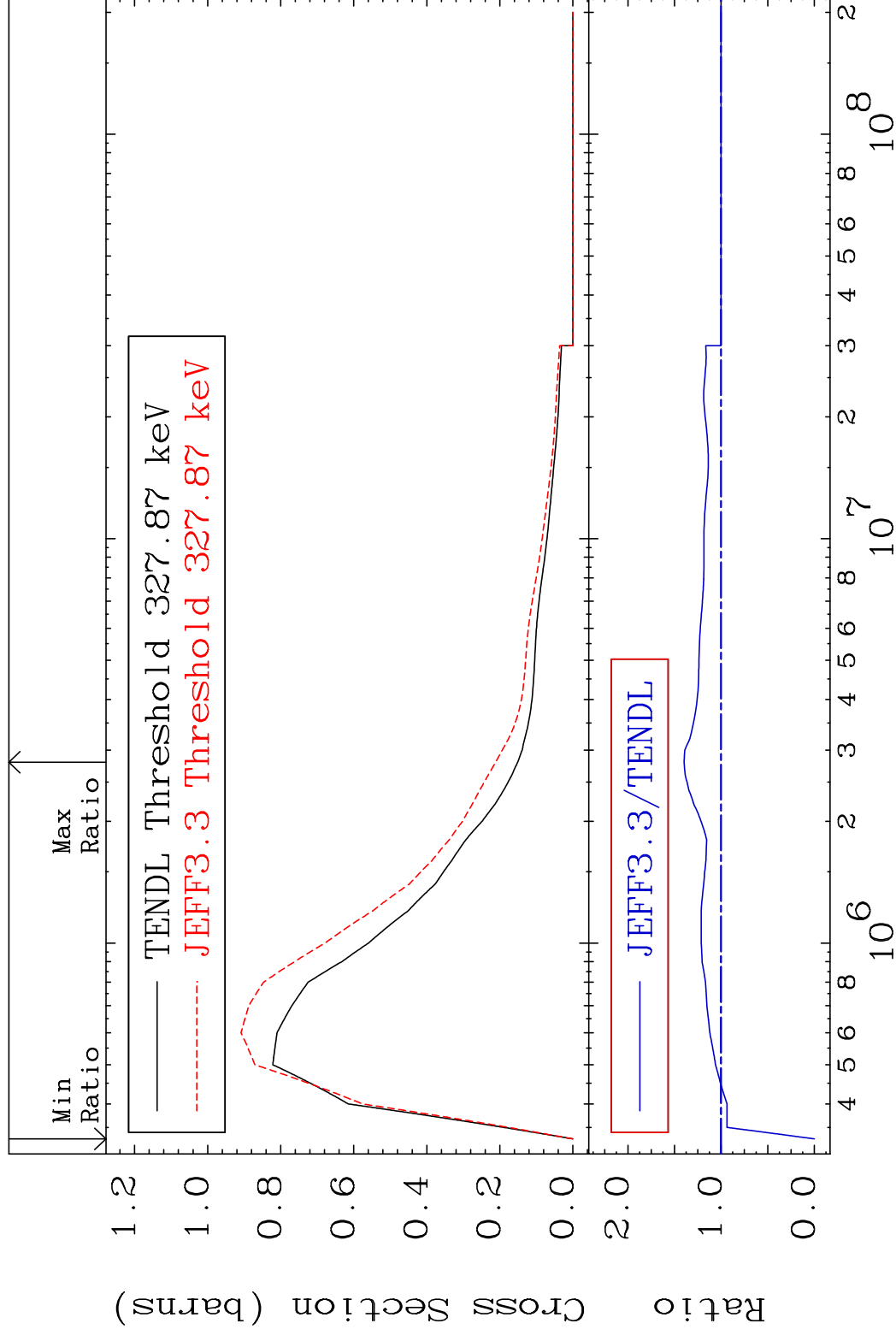
47-Ag-107

Cross Section

-15.21 To 104.3 %

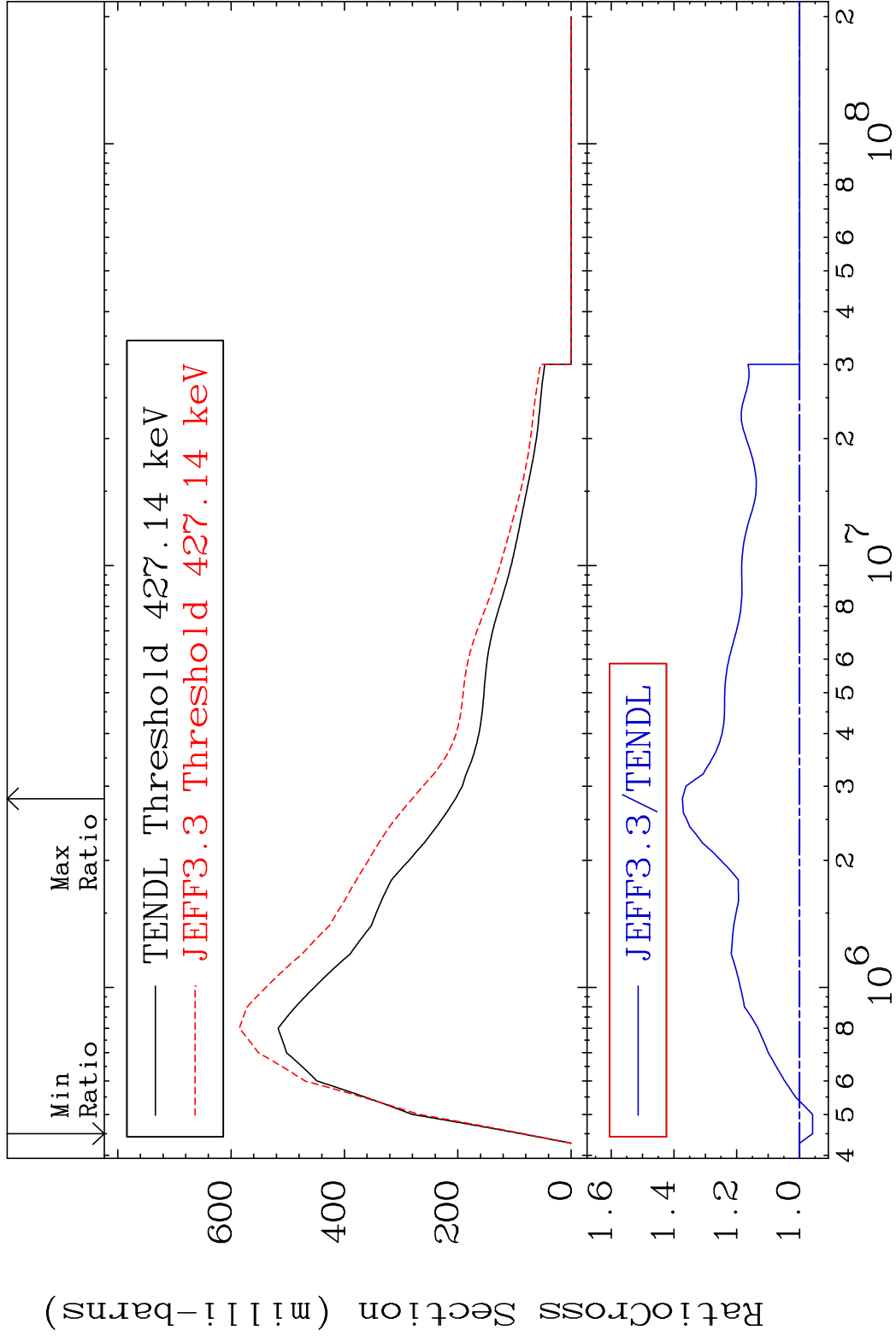


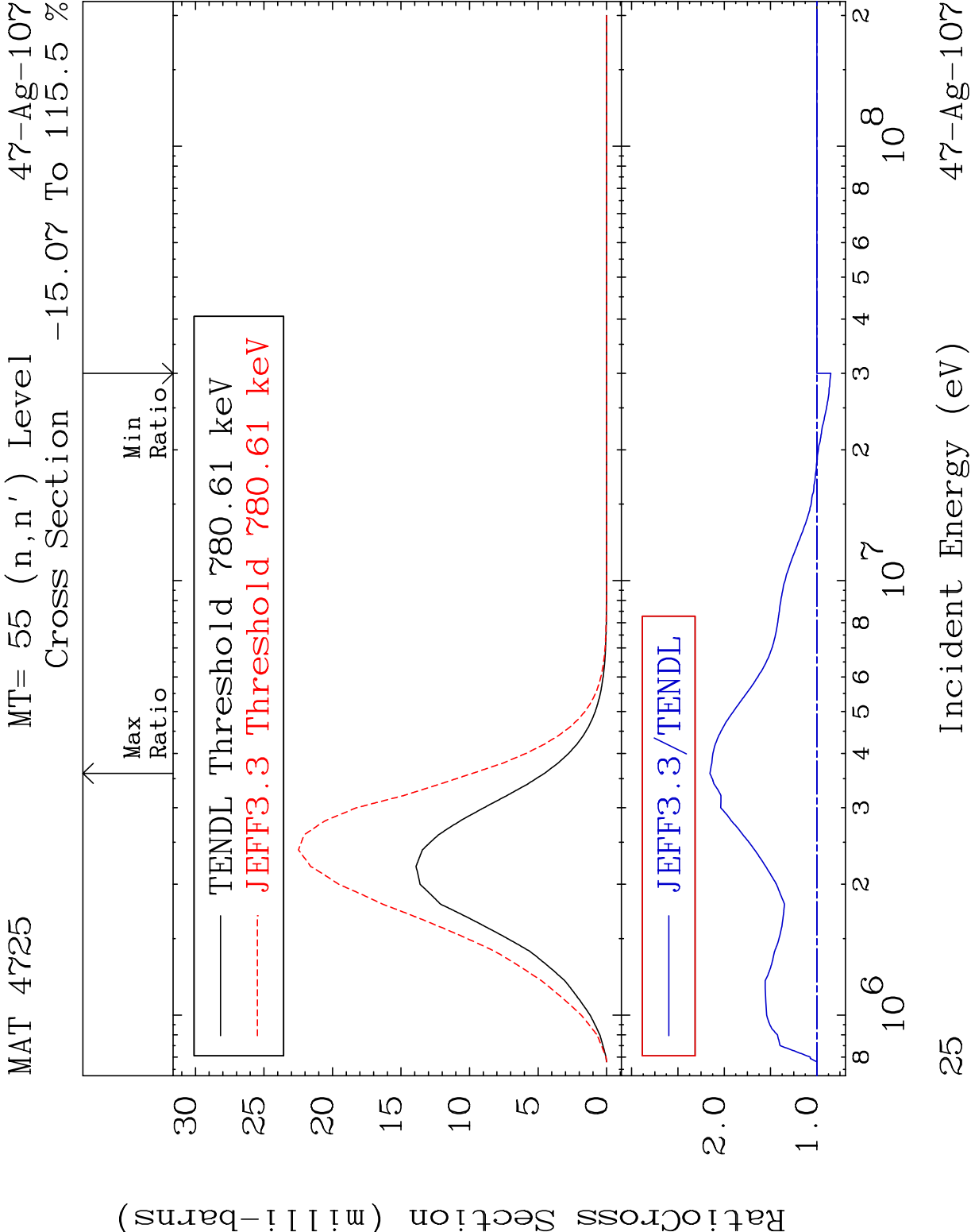
MAT 4725 MT= 53 (n, n') Level 47-Ag-107  
Cross Section -100.0 To 39.79 %



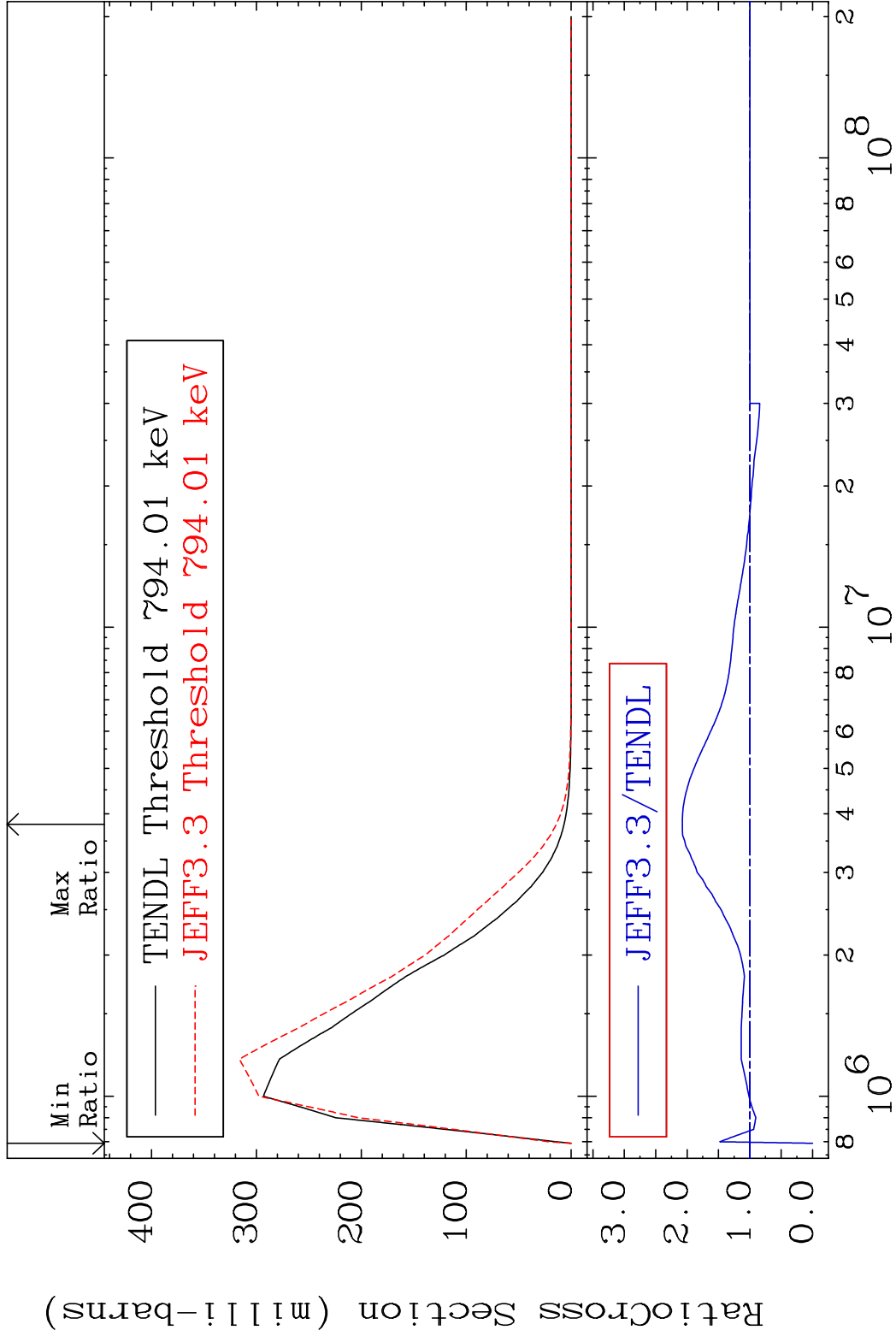


MAT 4725      MT= 54 (n,n') Level      47-Ag-107  
Cross Section    -4.160 To 37.32 %

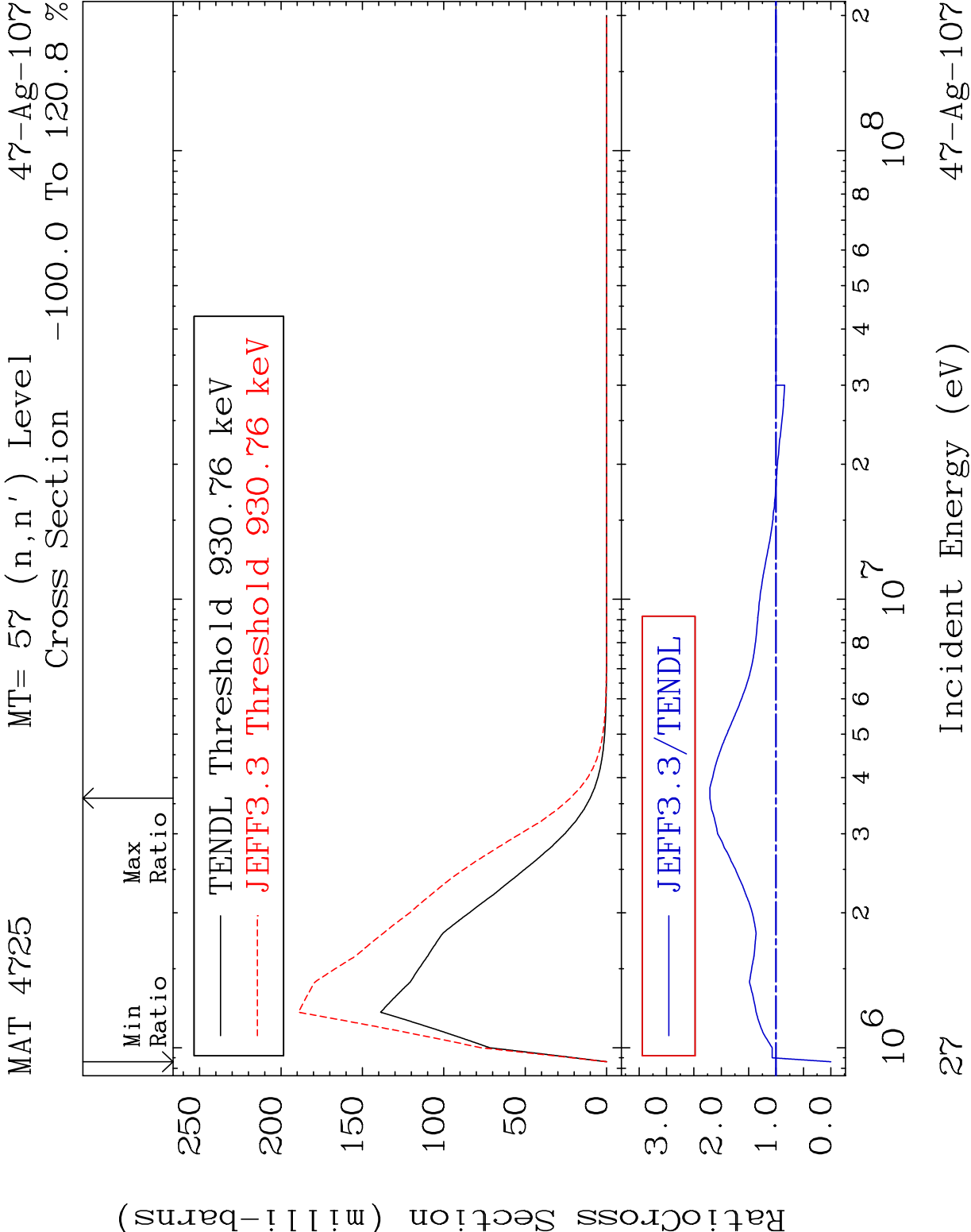


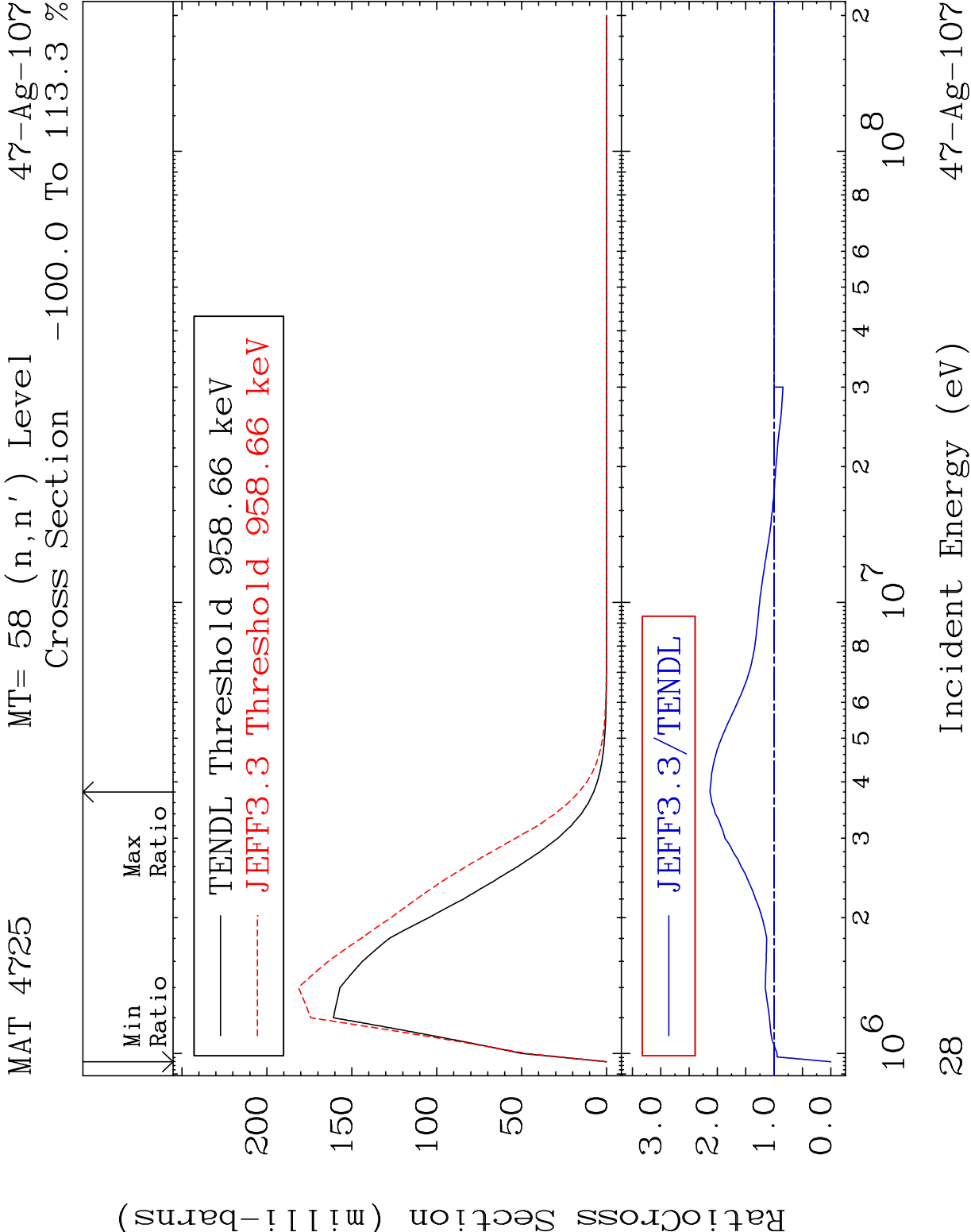


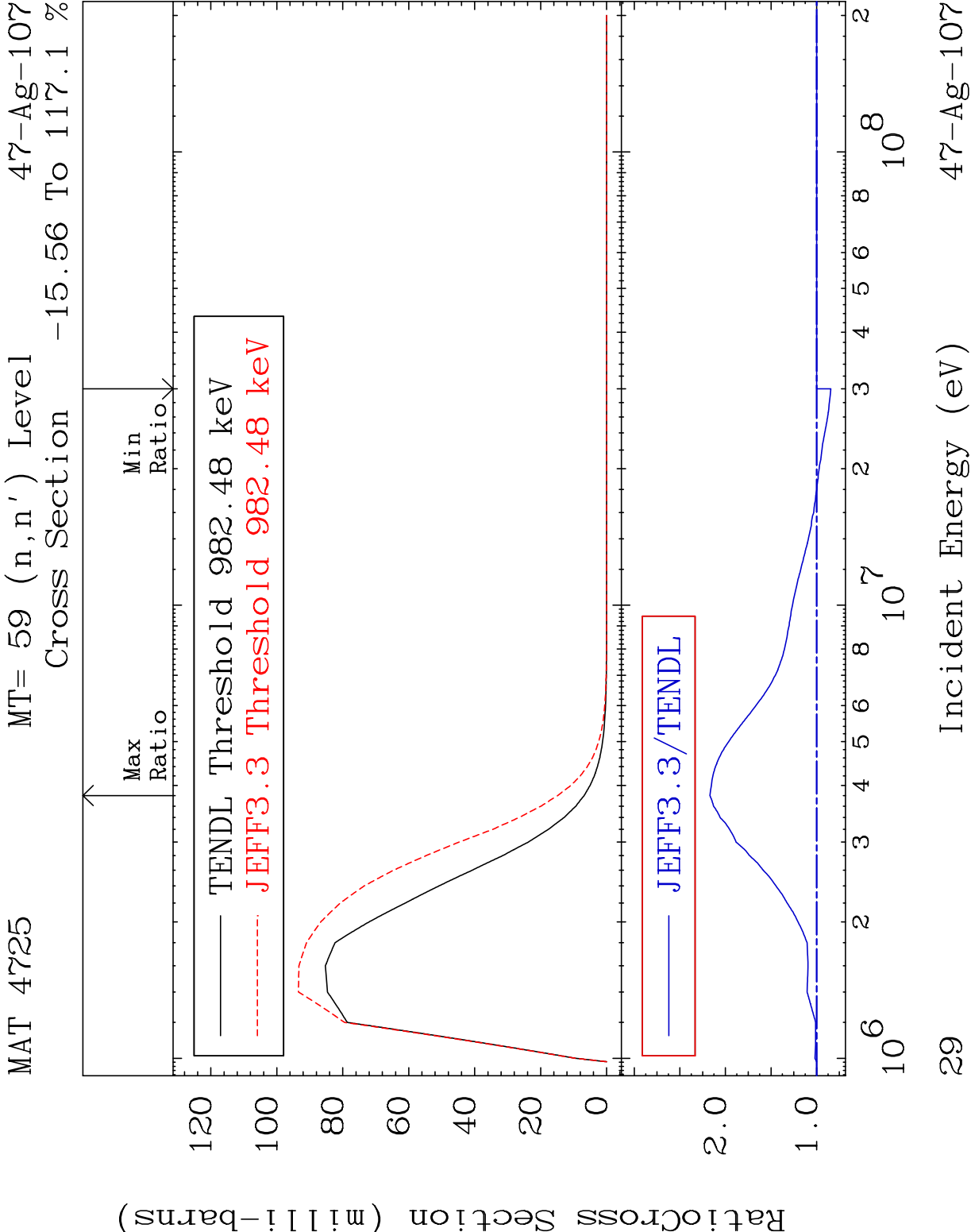
MAT 4725      MT= 56 (n,n') Level      47-Ag-107  
Cross Section    -100.0 To 107.5 %

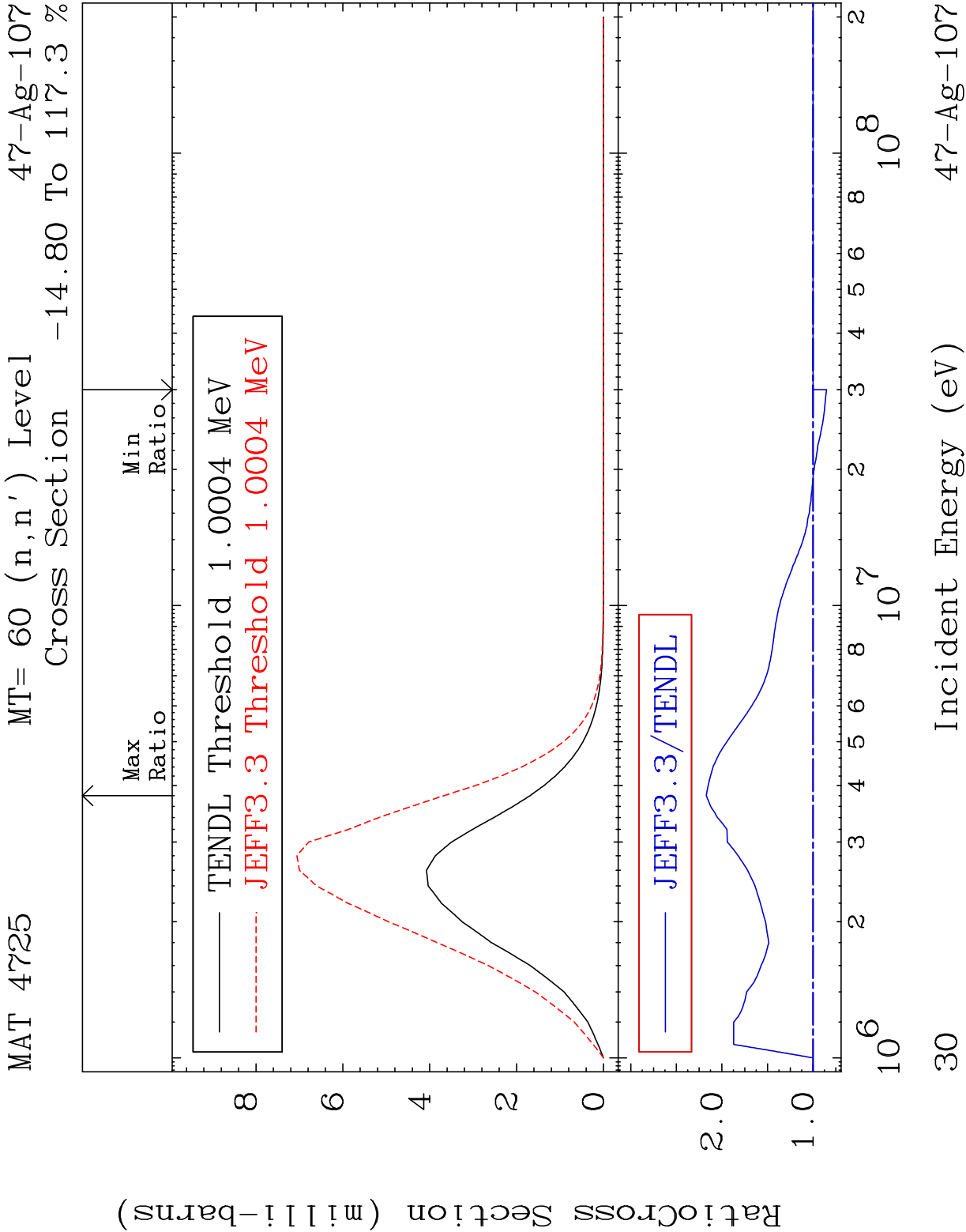


26      Incident Energy (eV)      47-Ag-107

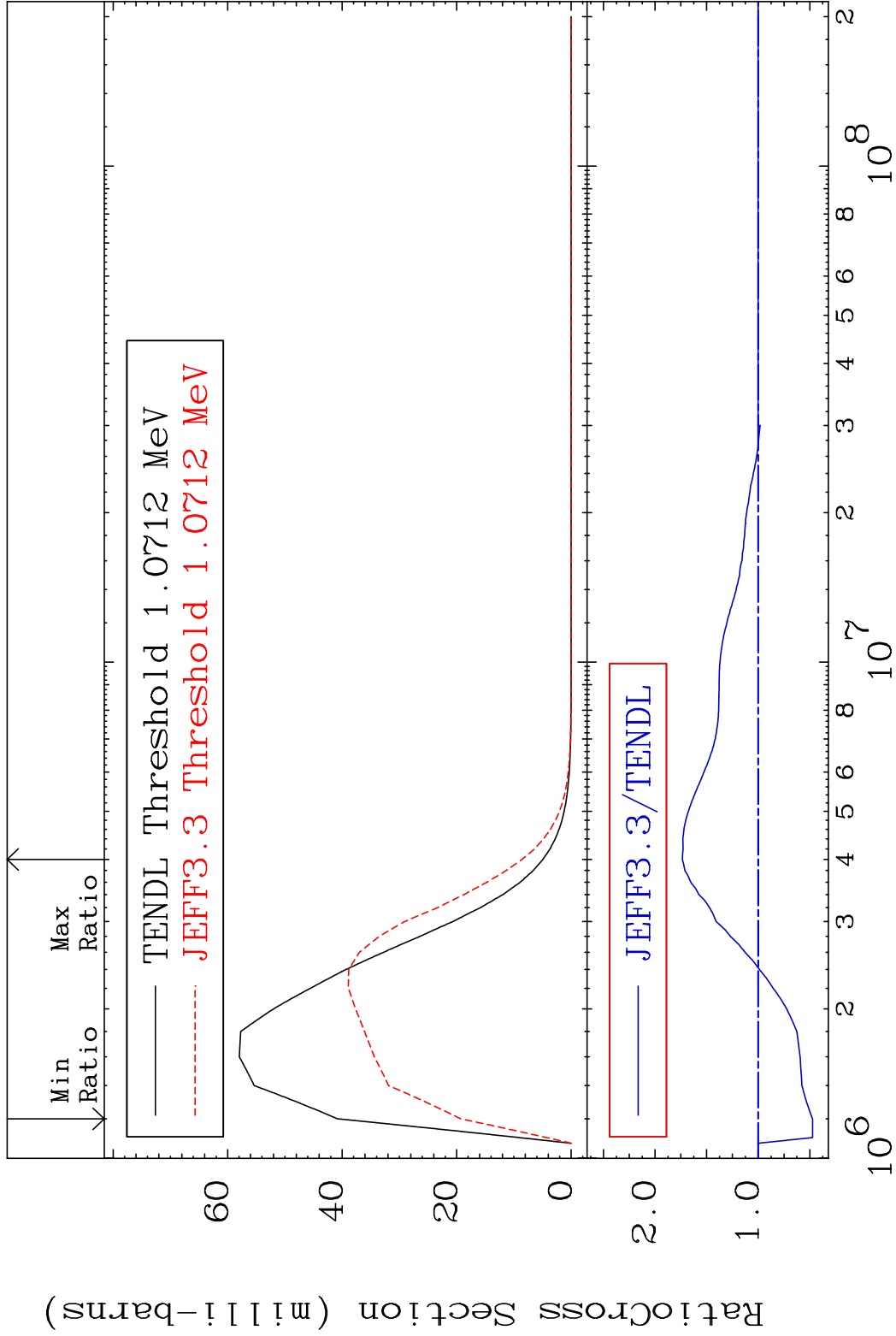






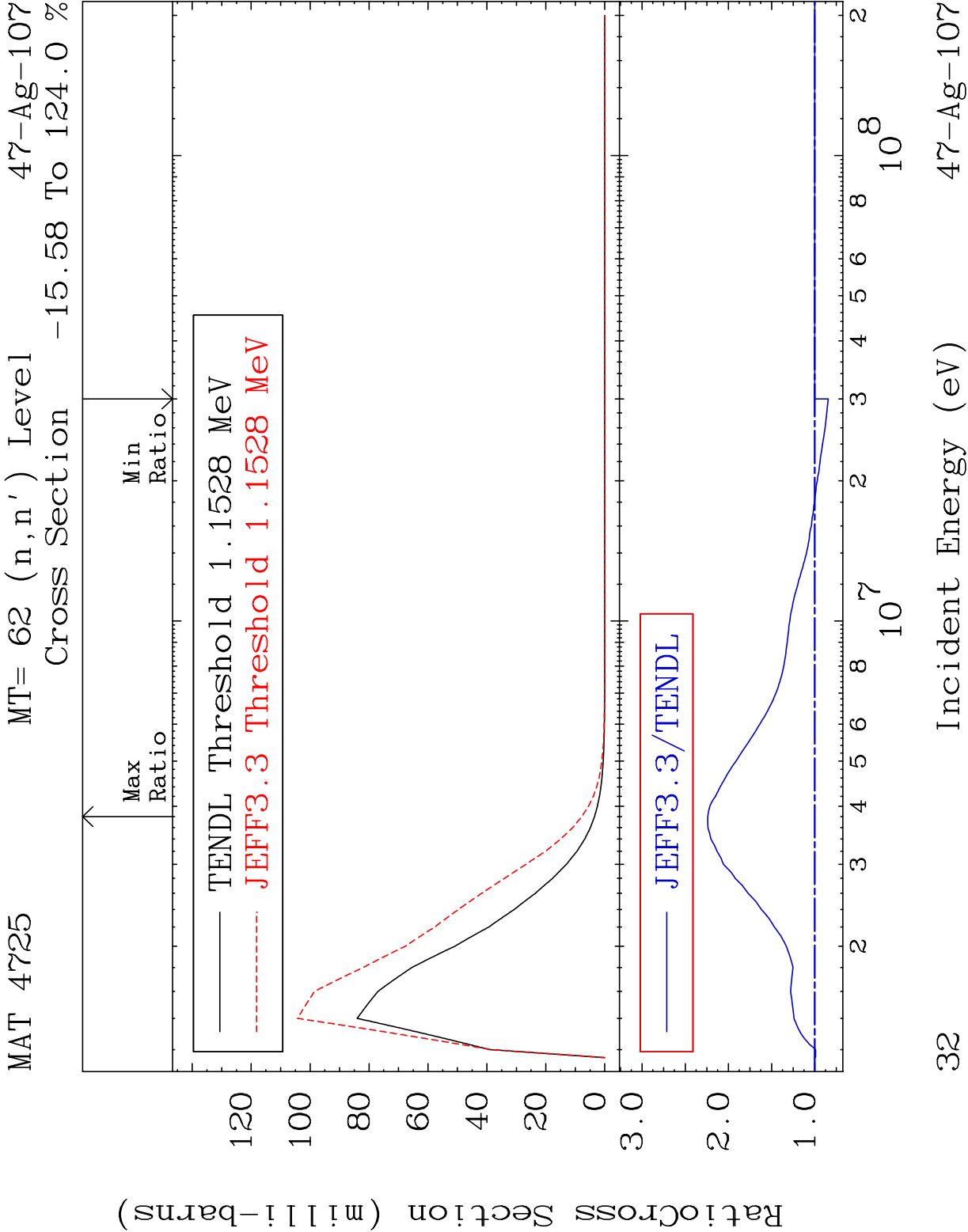


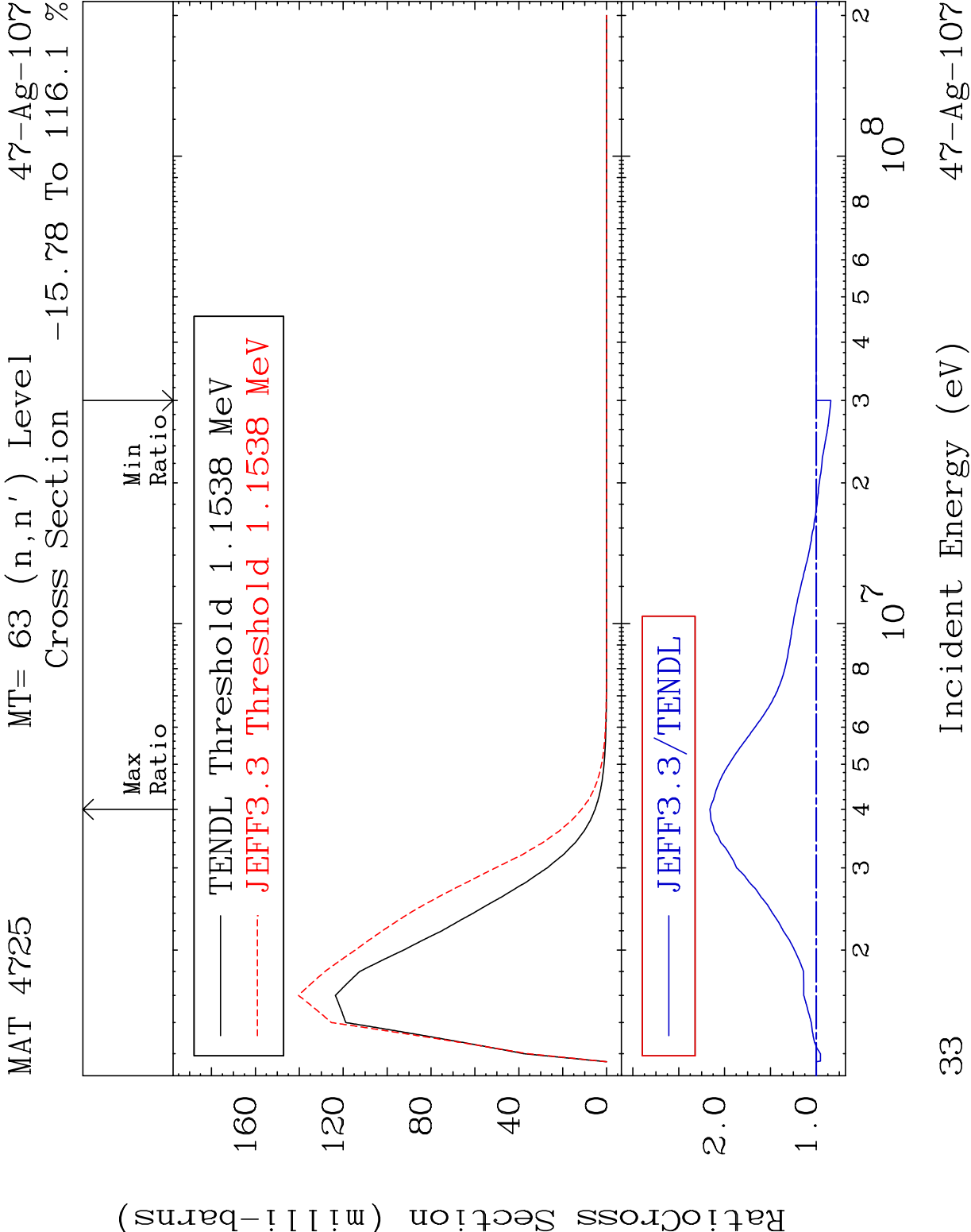
MAT 4725      MT= 61 (n,n') Level      47-Ag-107  
Cross Section      -52.70 To 73.54 %



31      Incident Energy (eV)      47-Ag-107





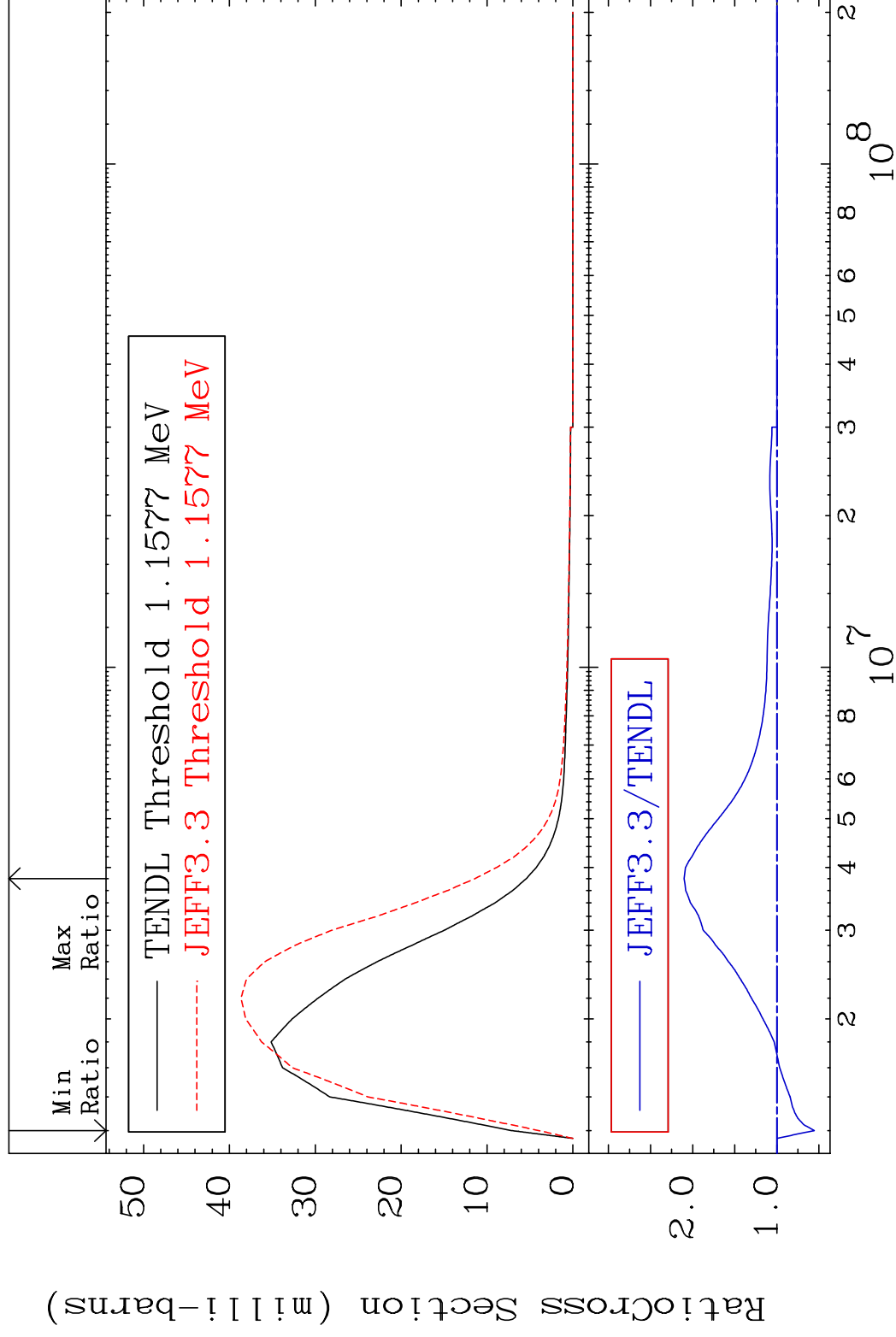


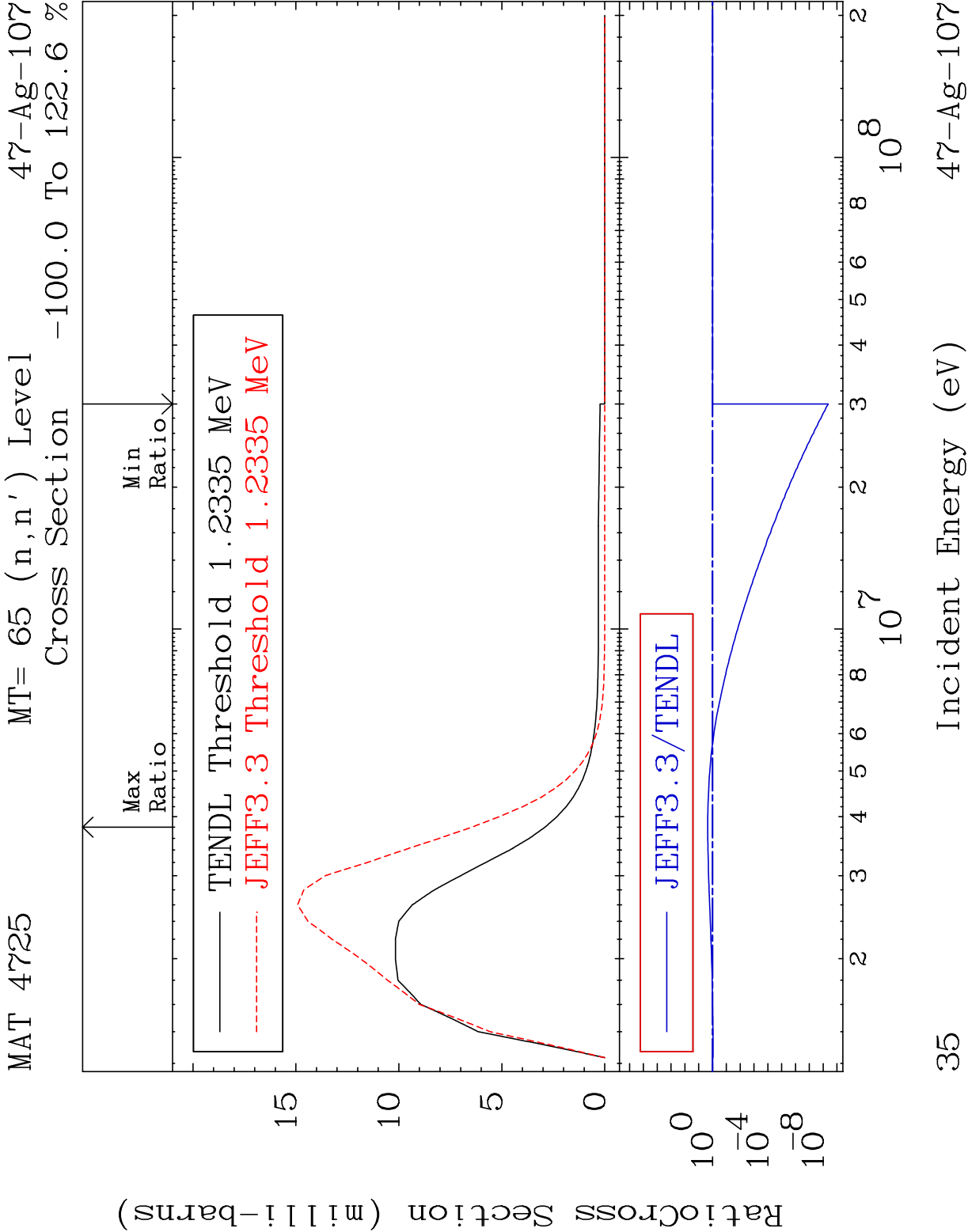
MAT 4725

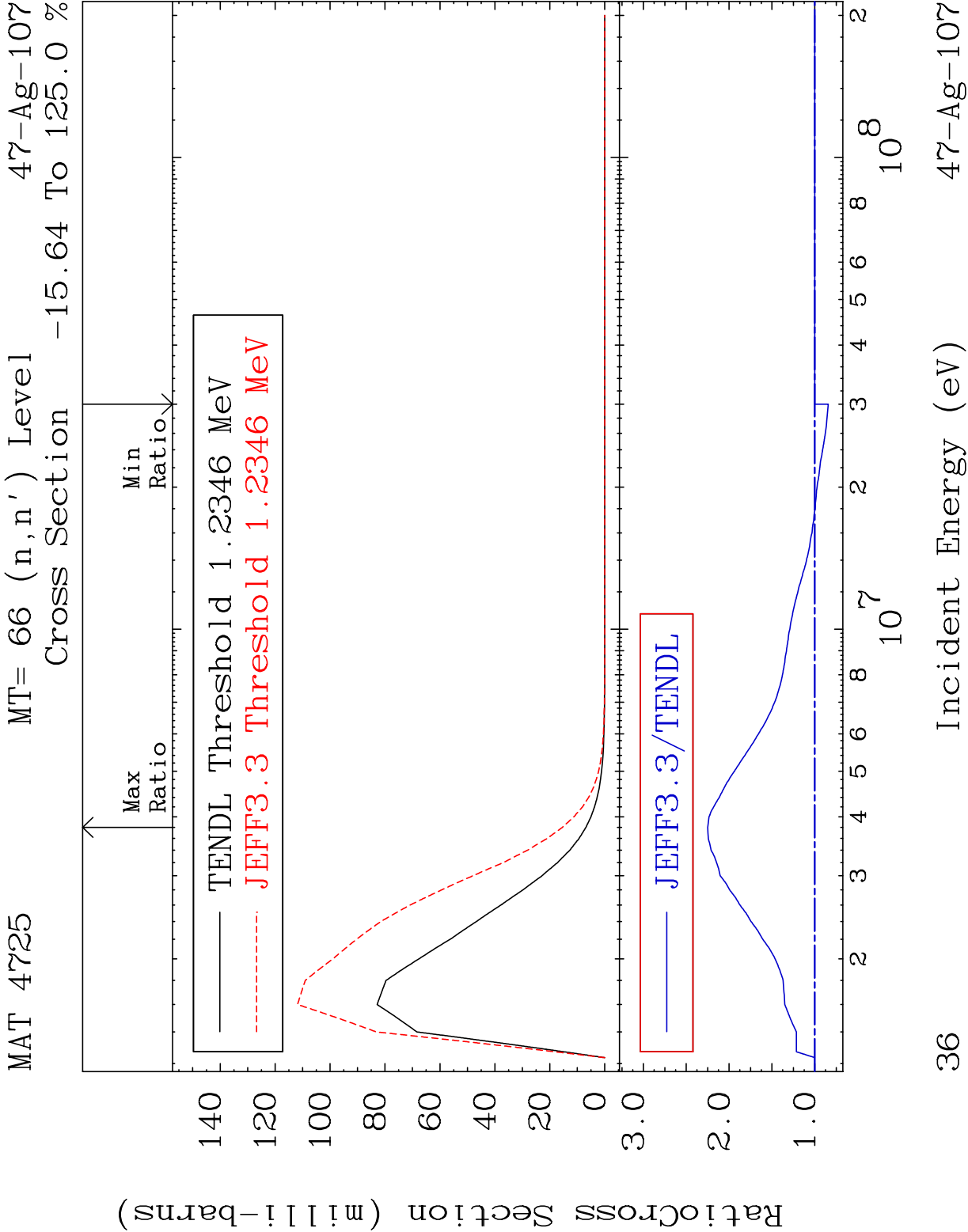
MT= 64 (n, n') Level

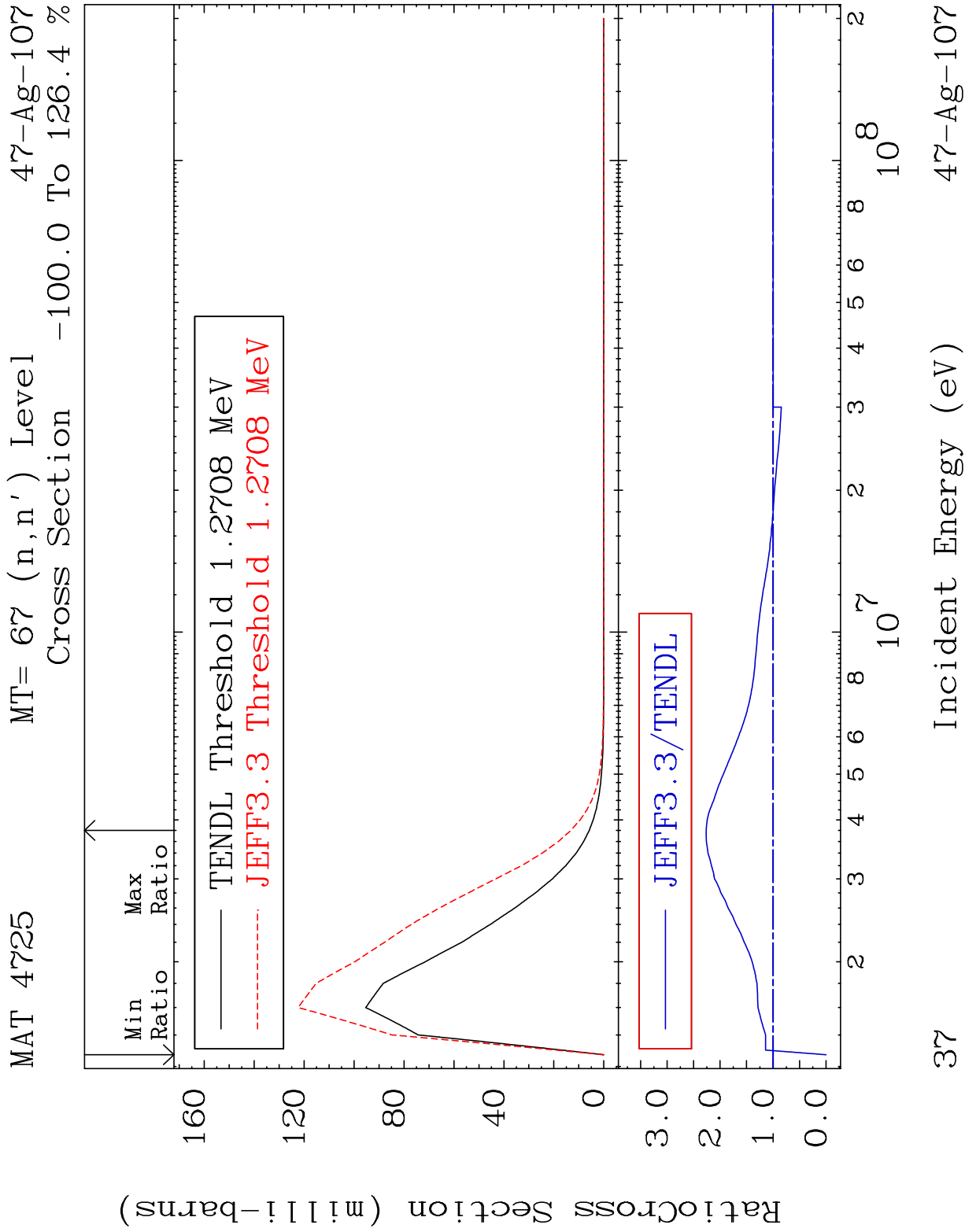
47-Ag-107

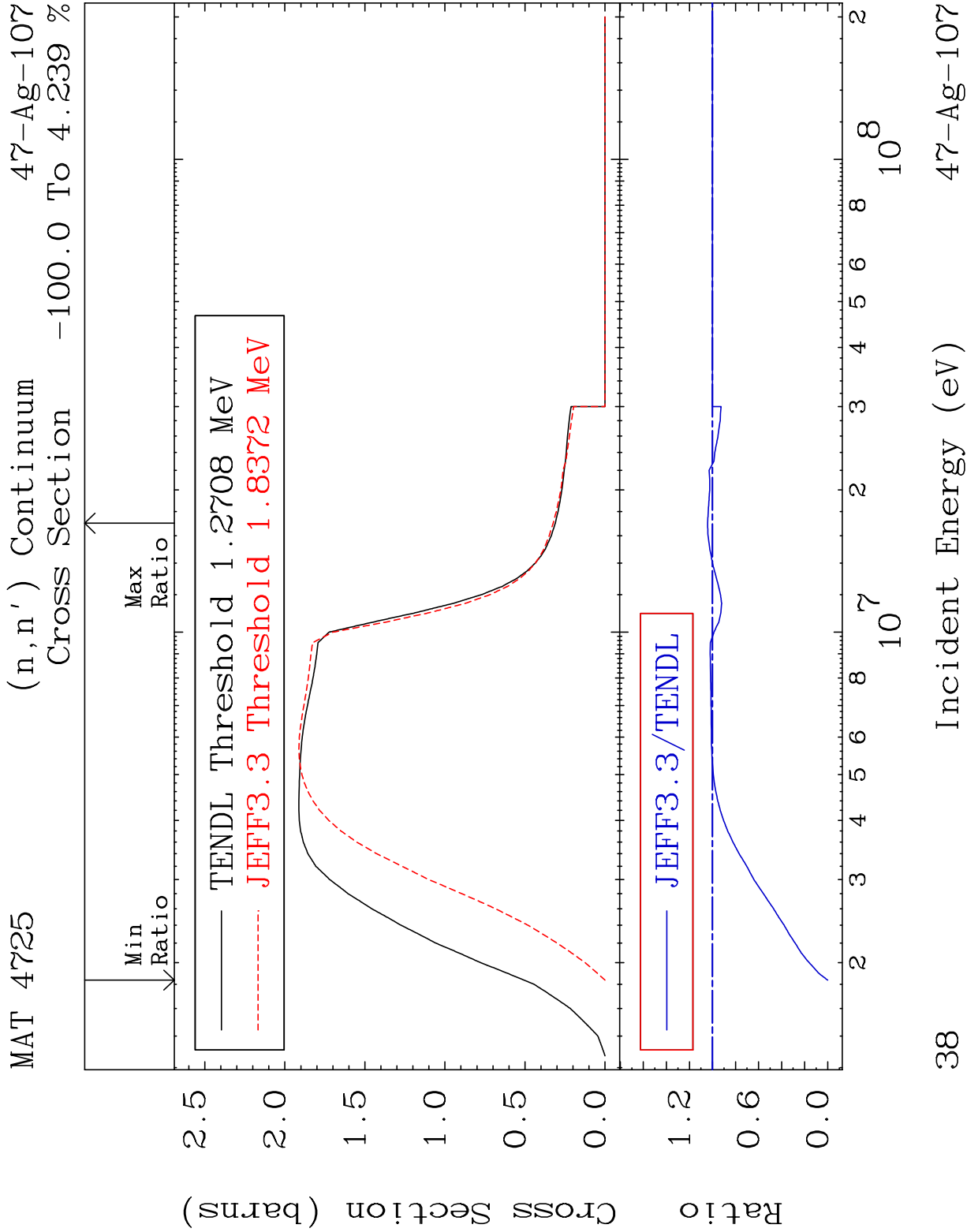
| Cross Section | -44.42 To 110.2 % |
|---------------|-------------------|
|               |                   |

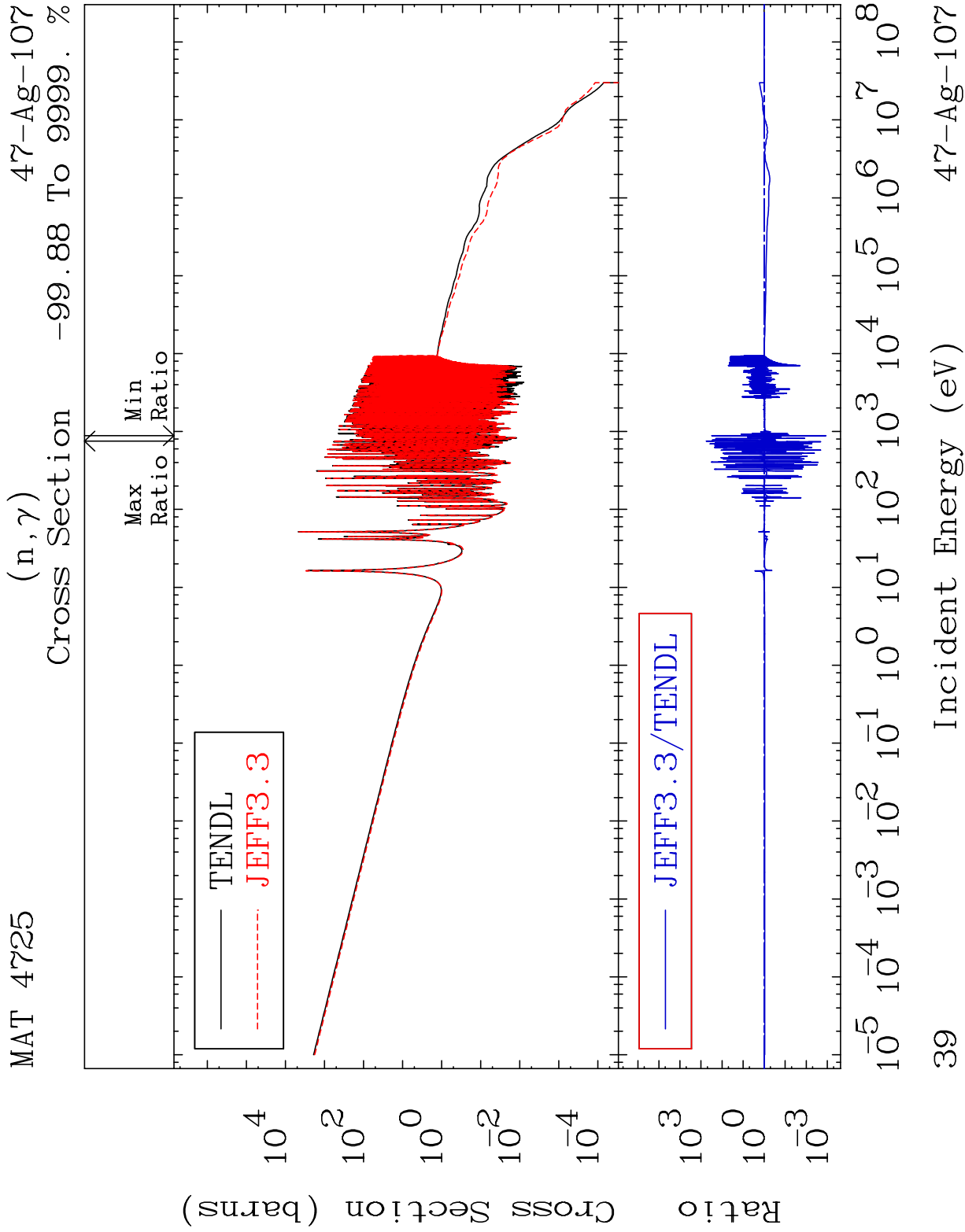




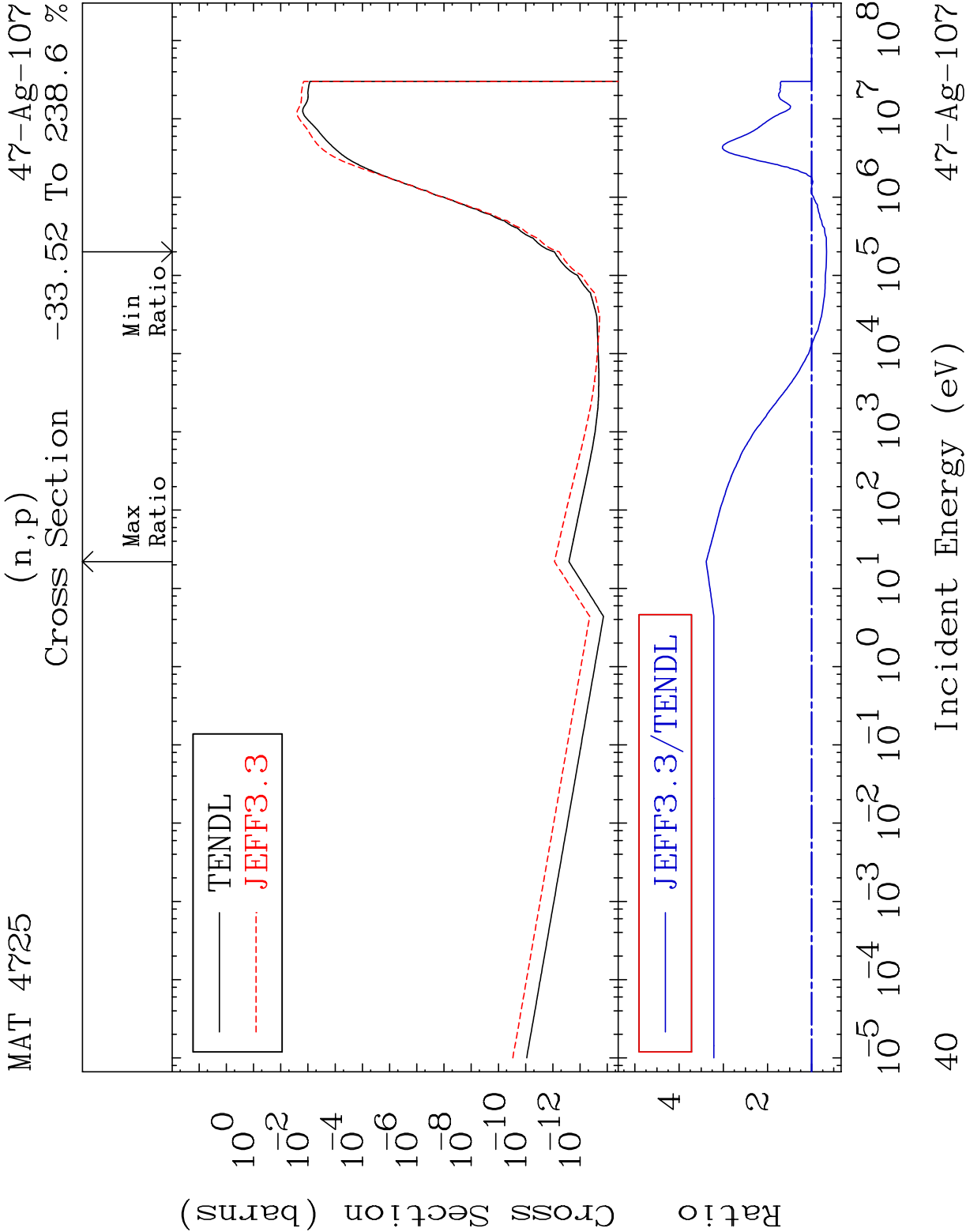


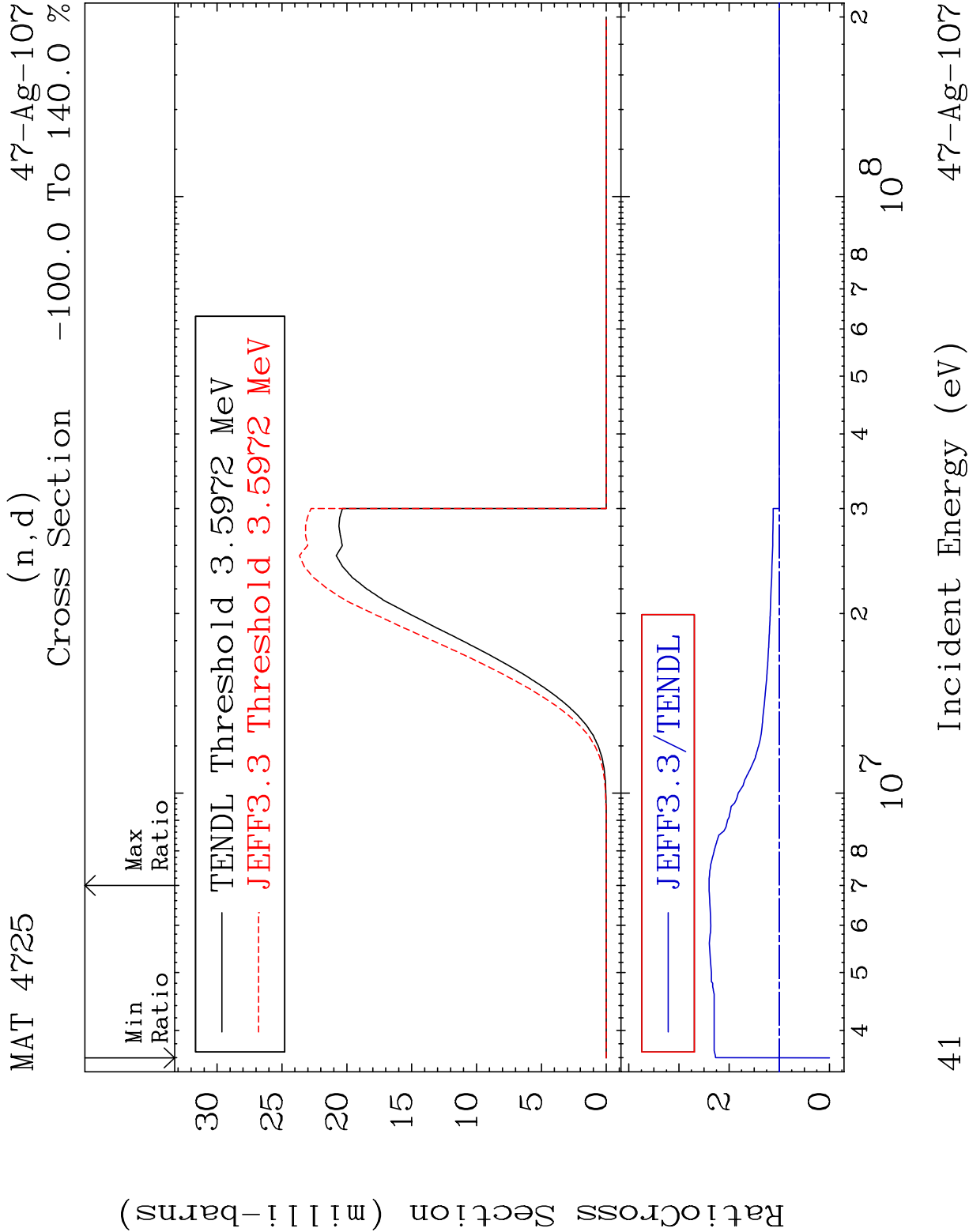


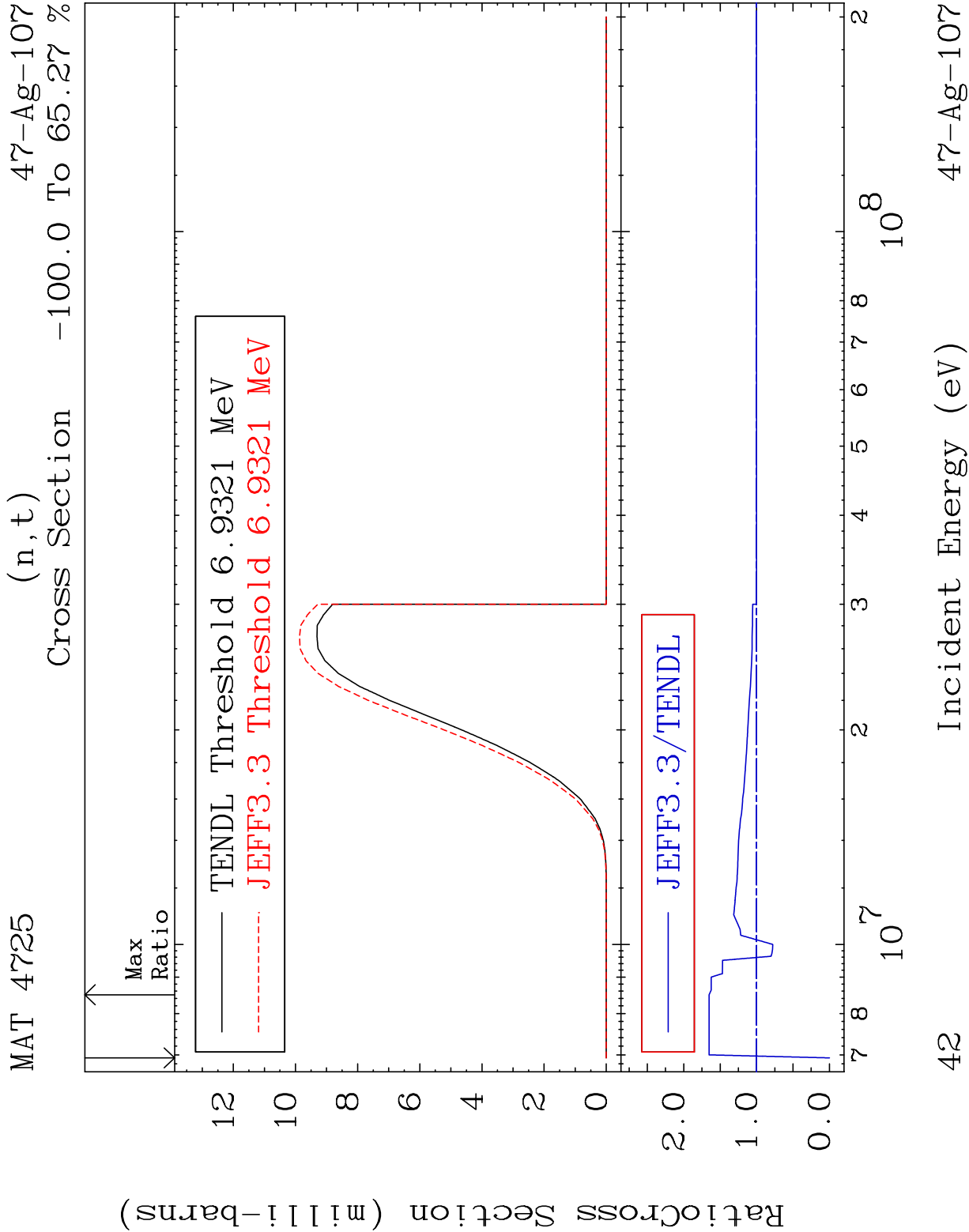


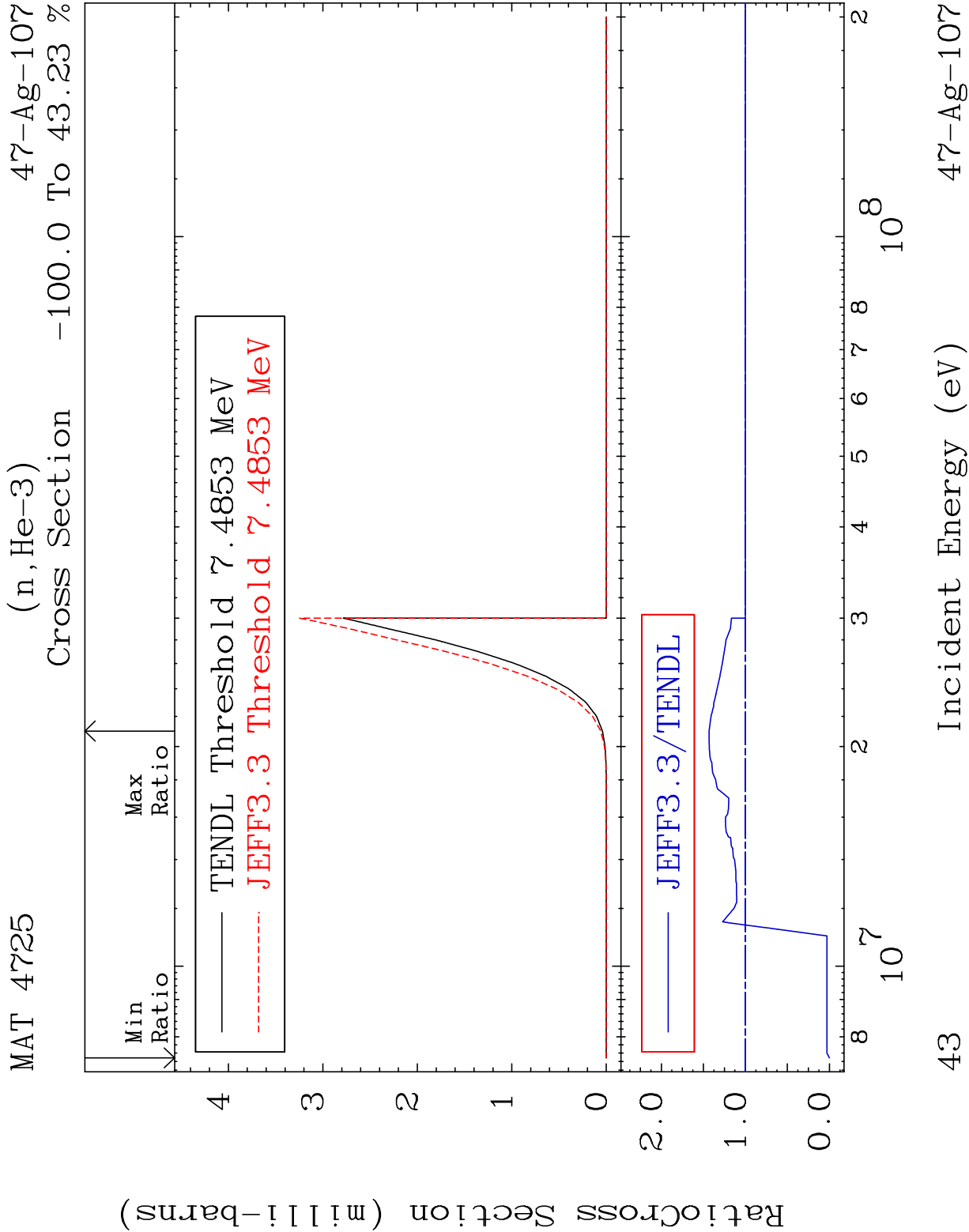


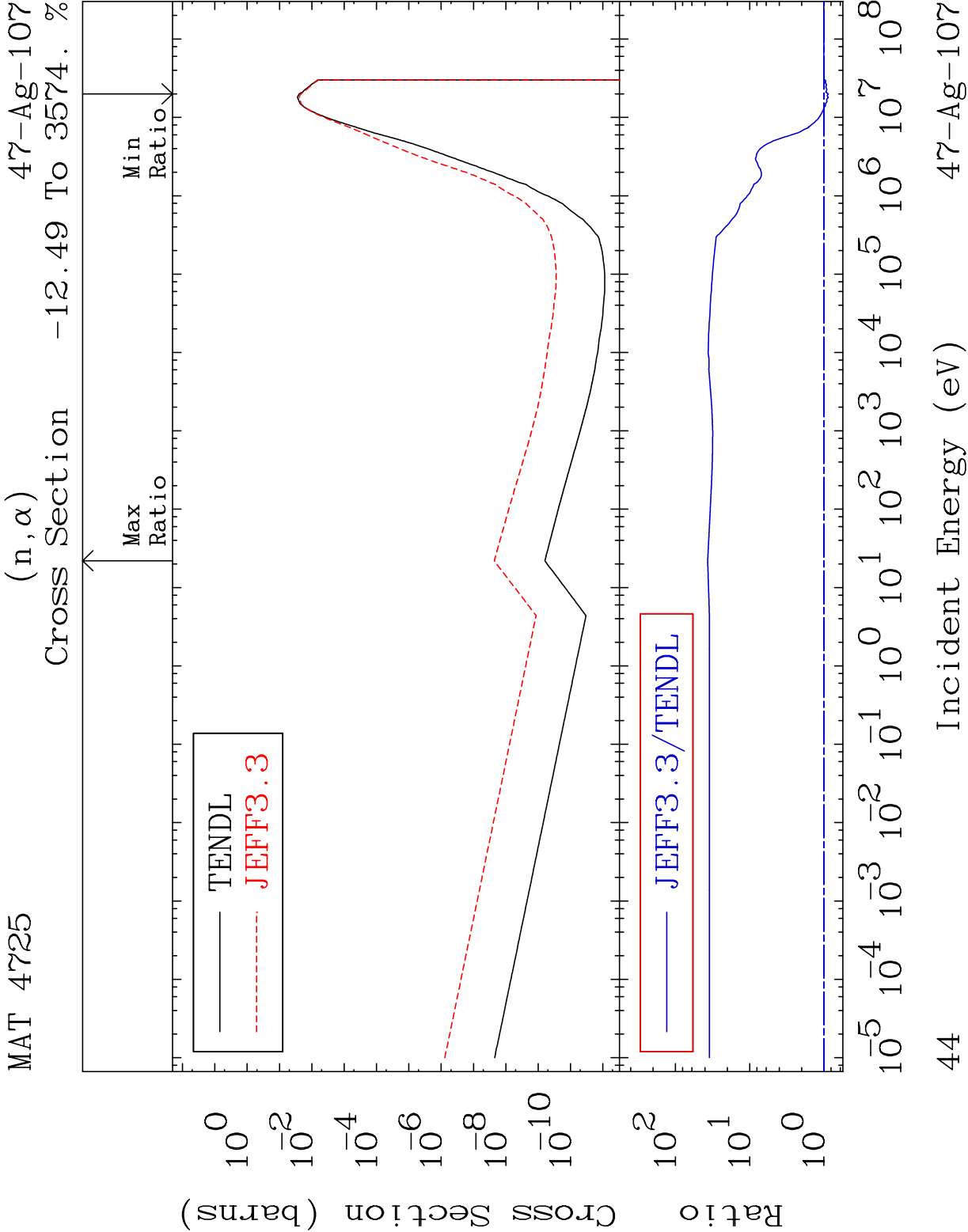












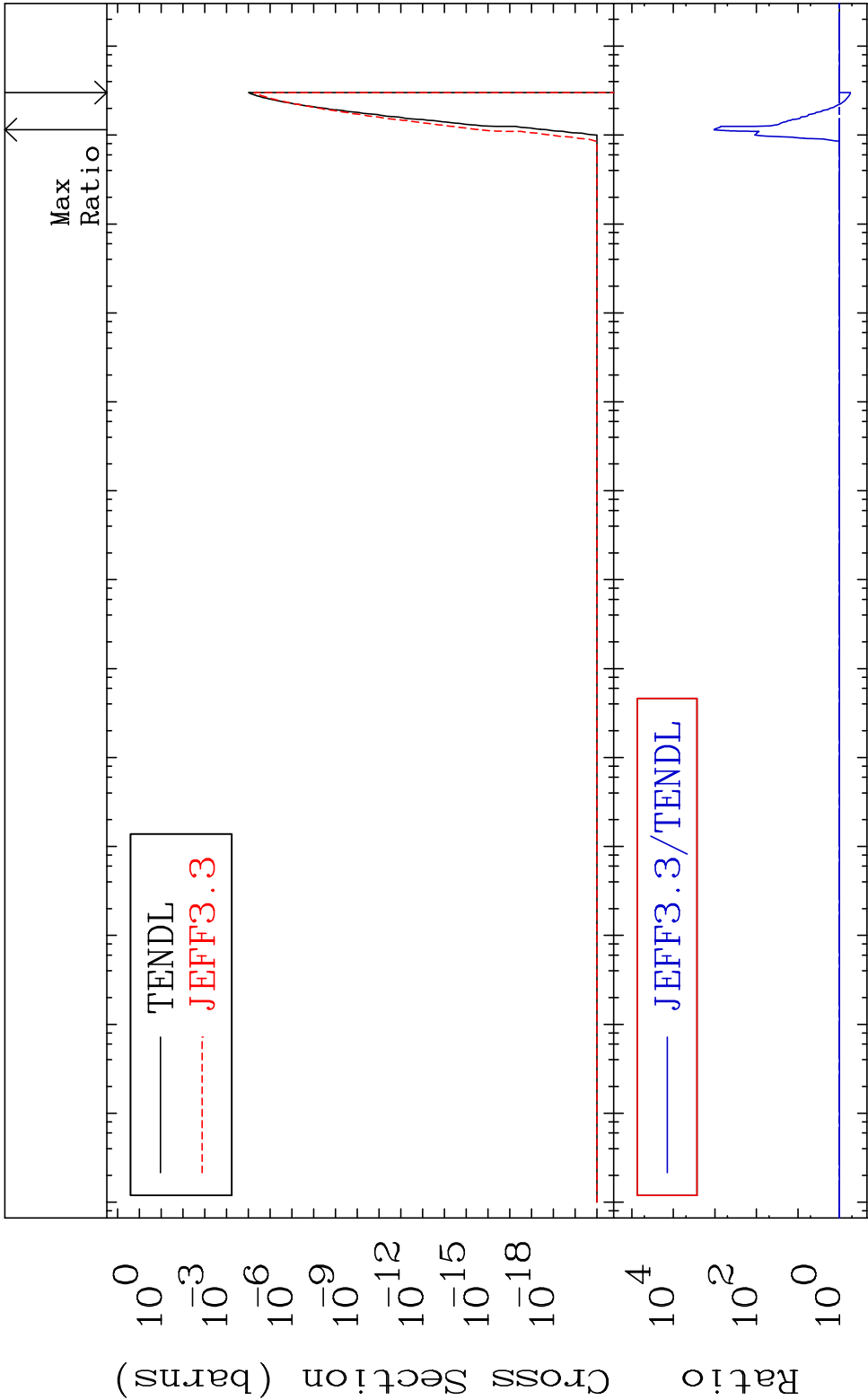
MAT 4725

(n,2α)

47-Ag-107

Cross Section

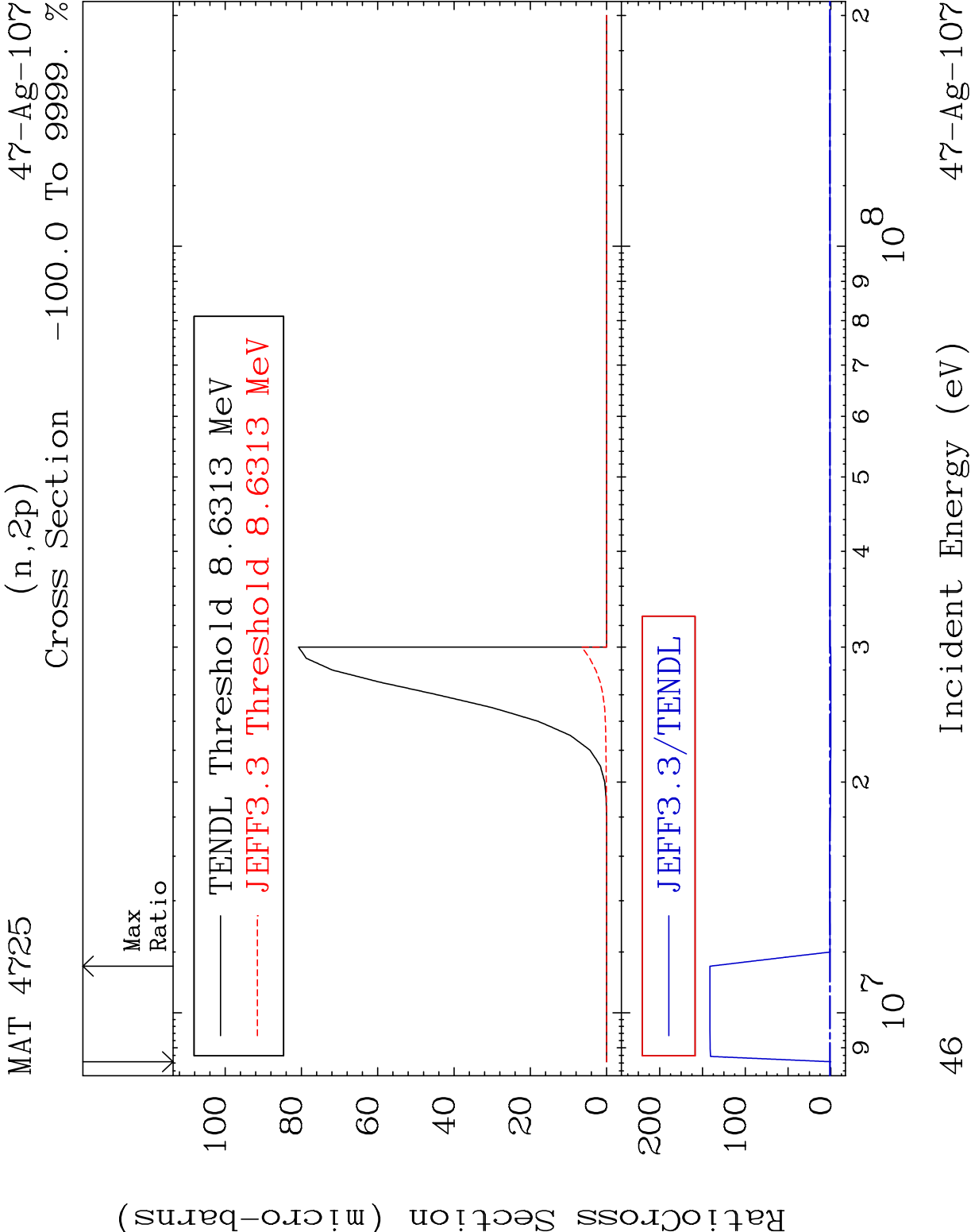
-45.36 To 9999. %



45

Incident Energy (eV)

47-Ag-107

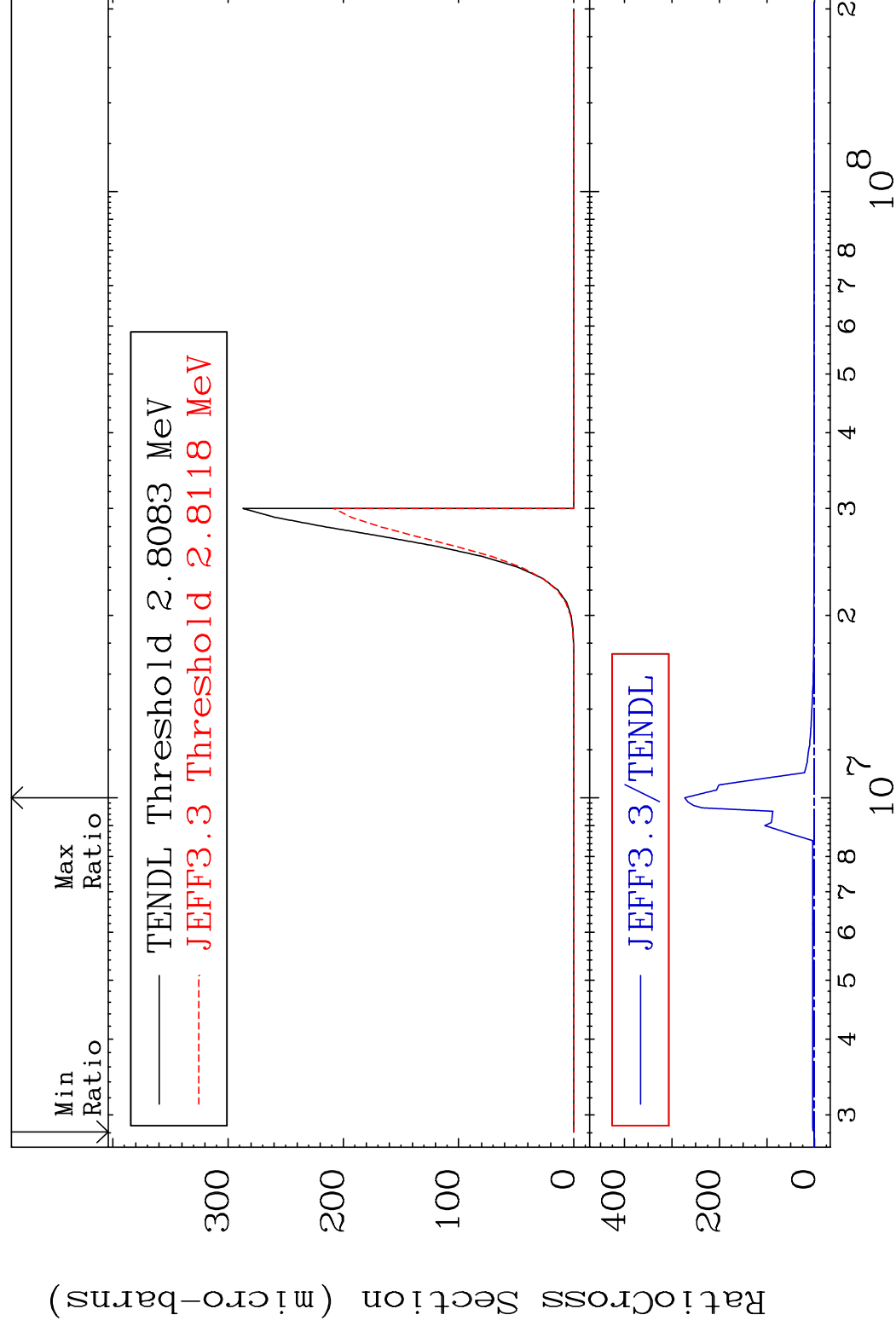


MAT 4725

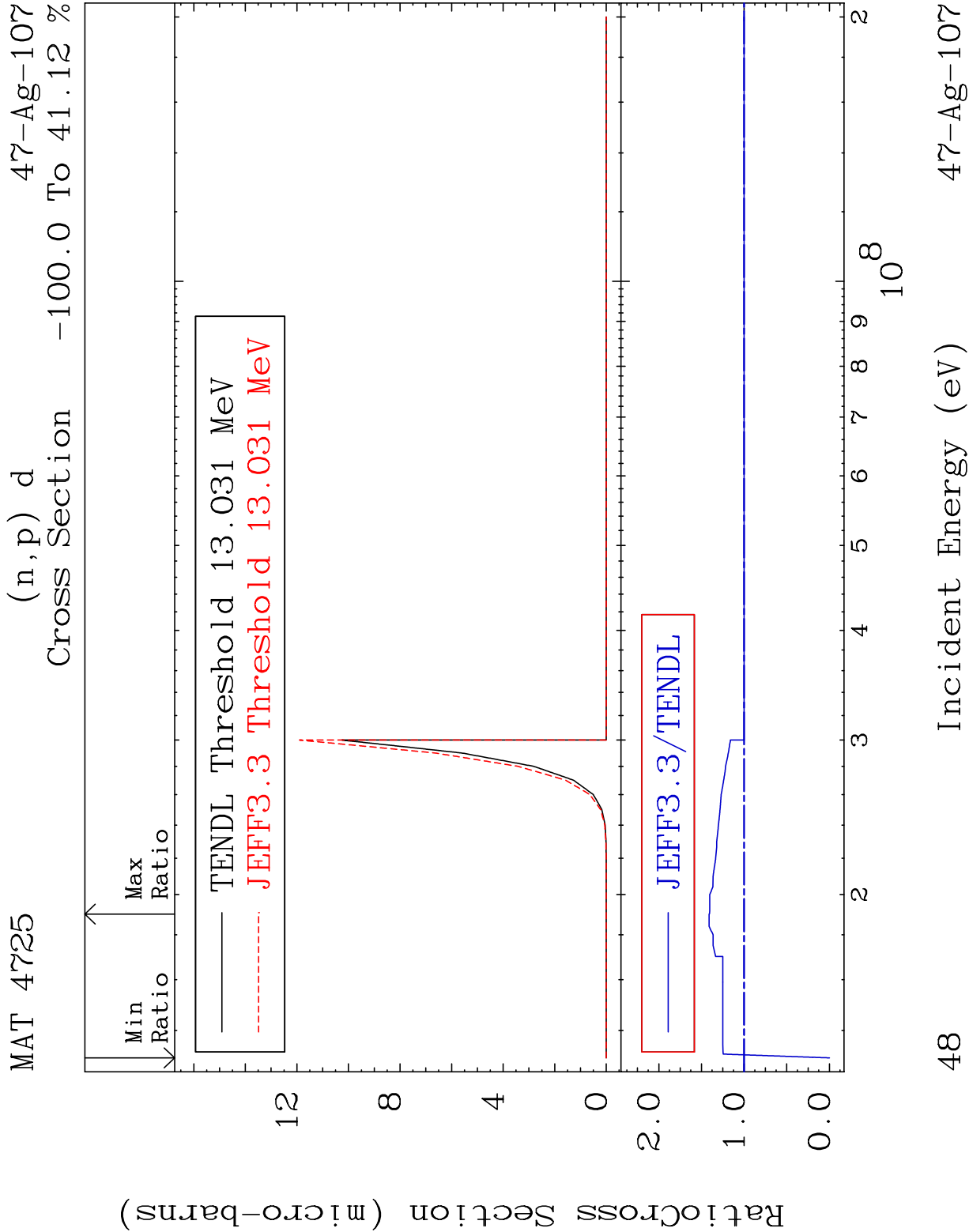
$$(n, p) \propto$$

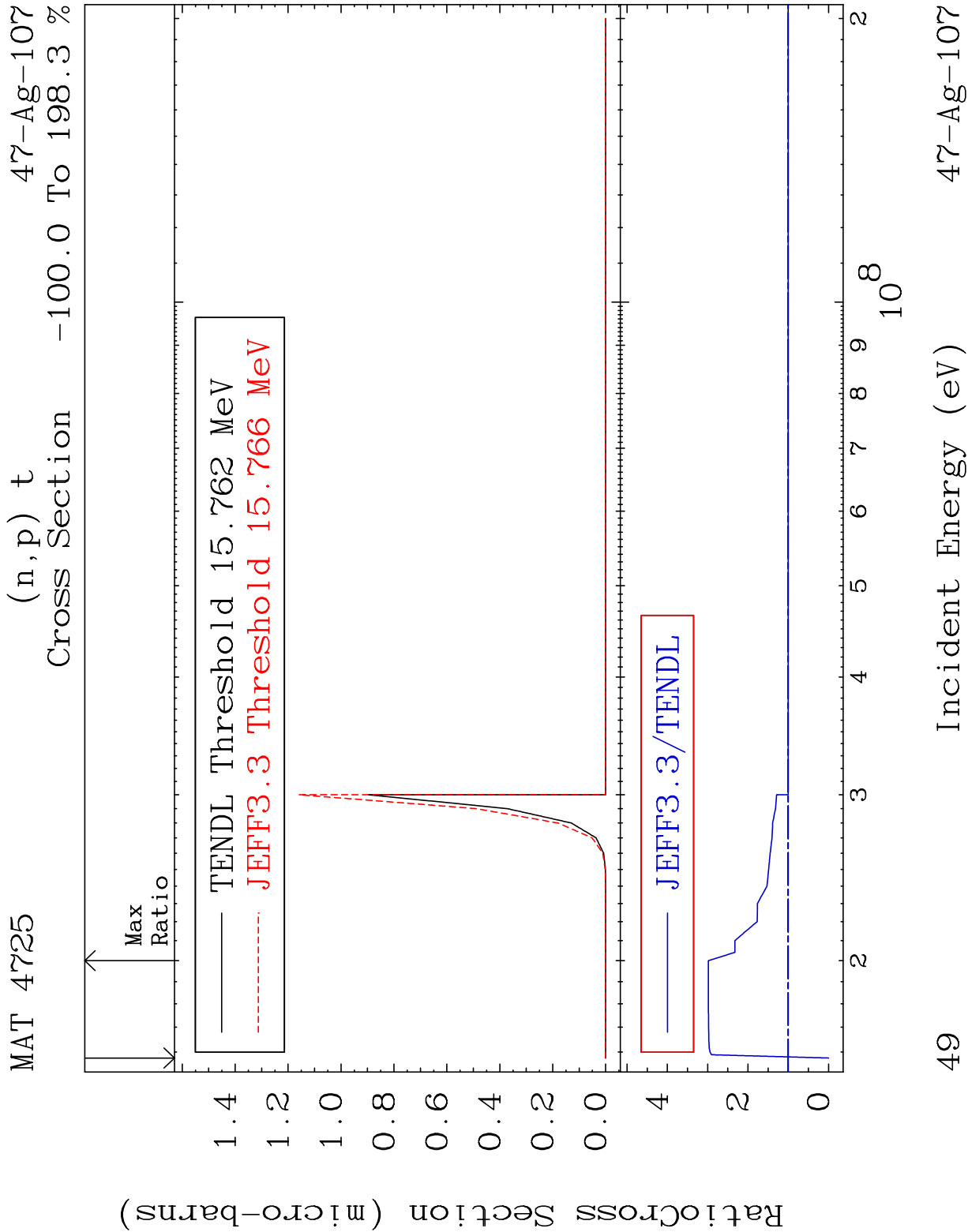
(n, p)  $\alpha$  47-Ag-107  
Cross Section -100.0 To 9999. %

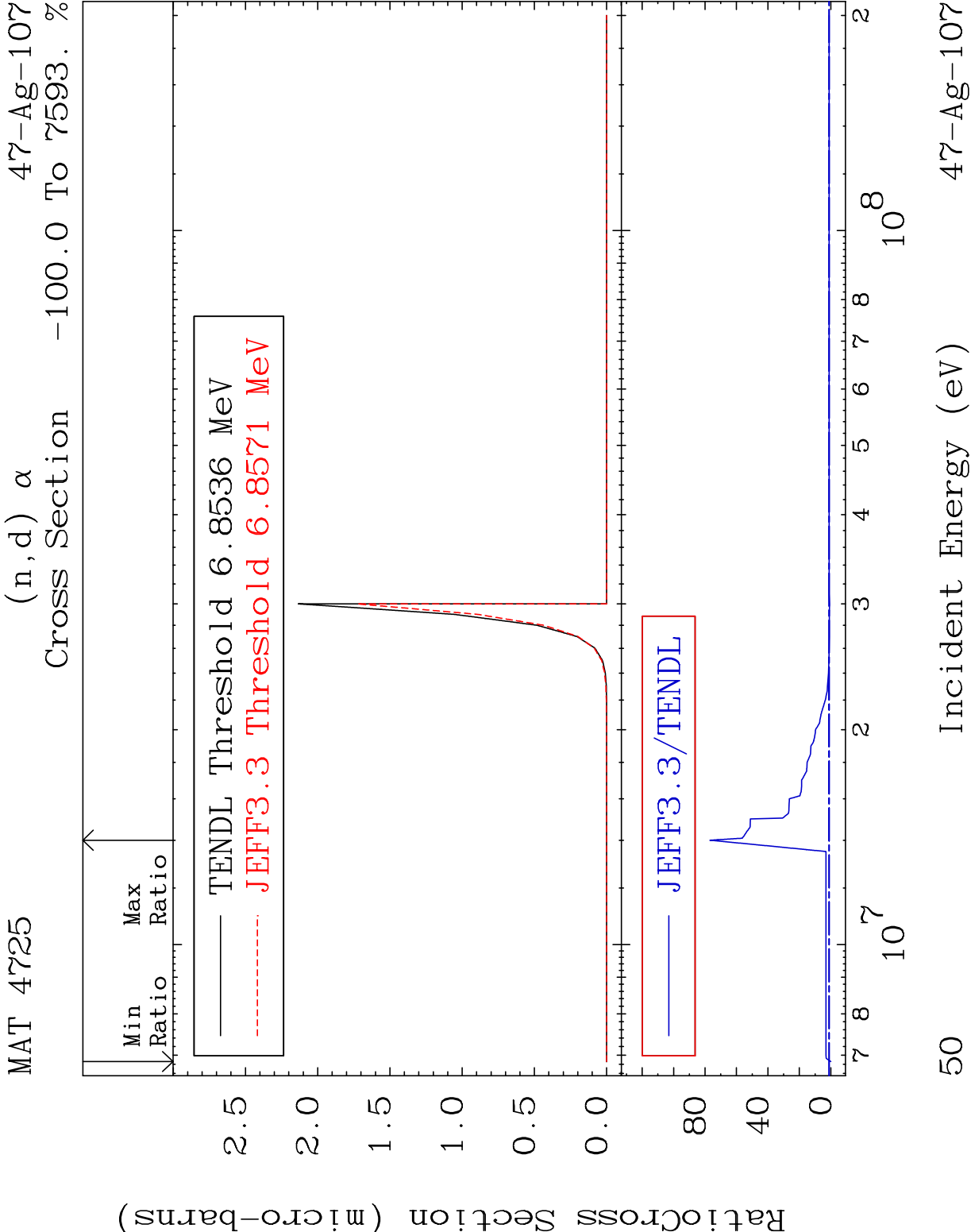
47-Ag-107

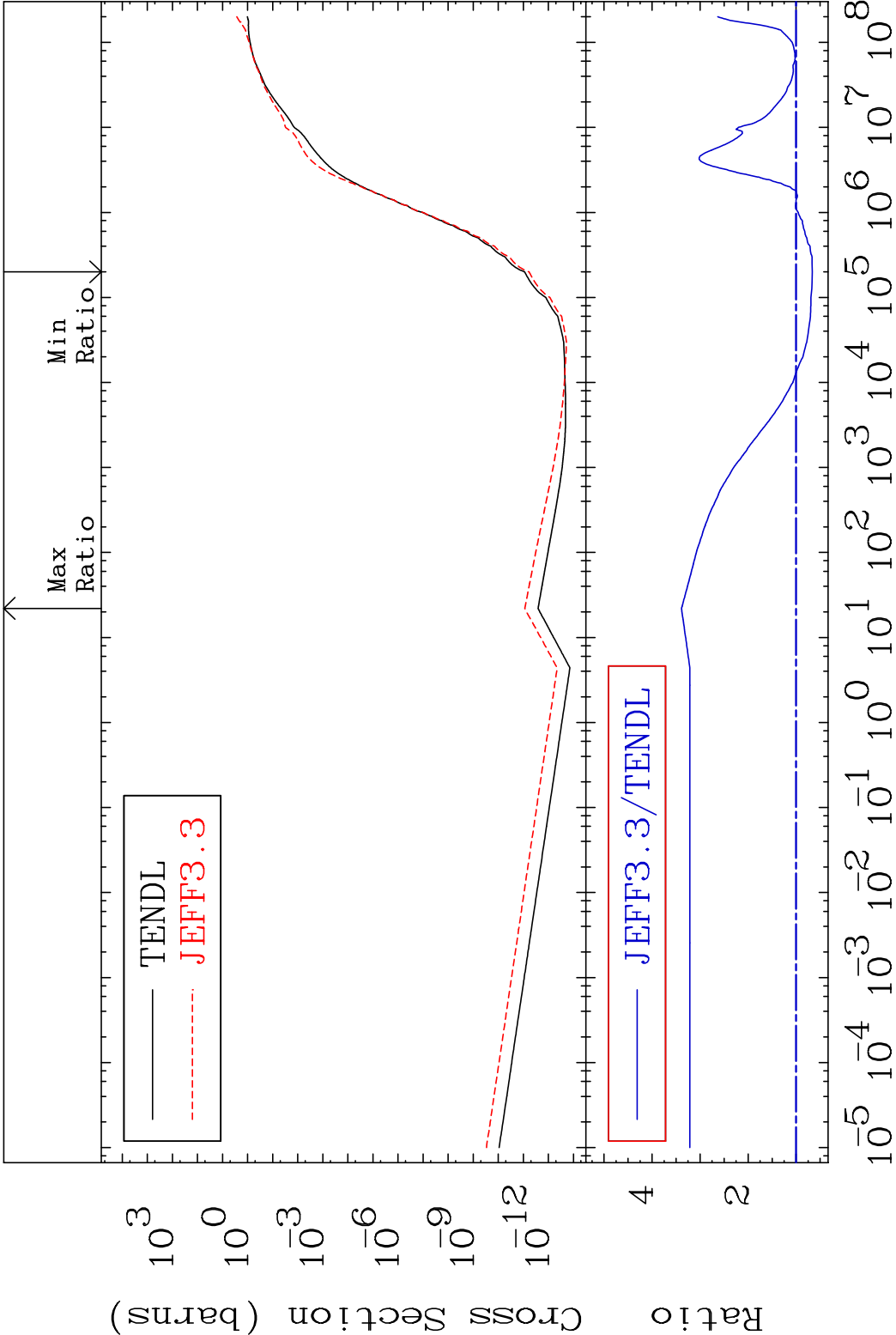


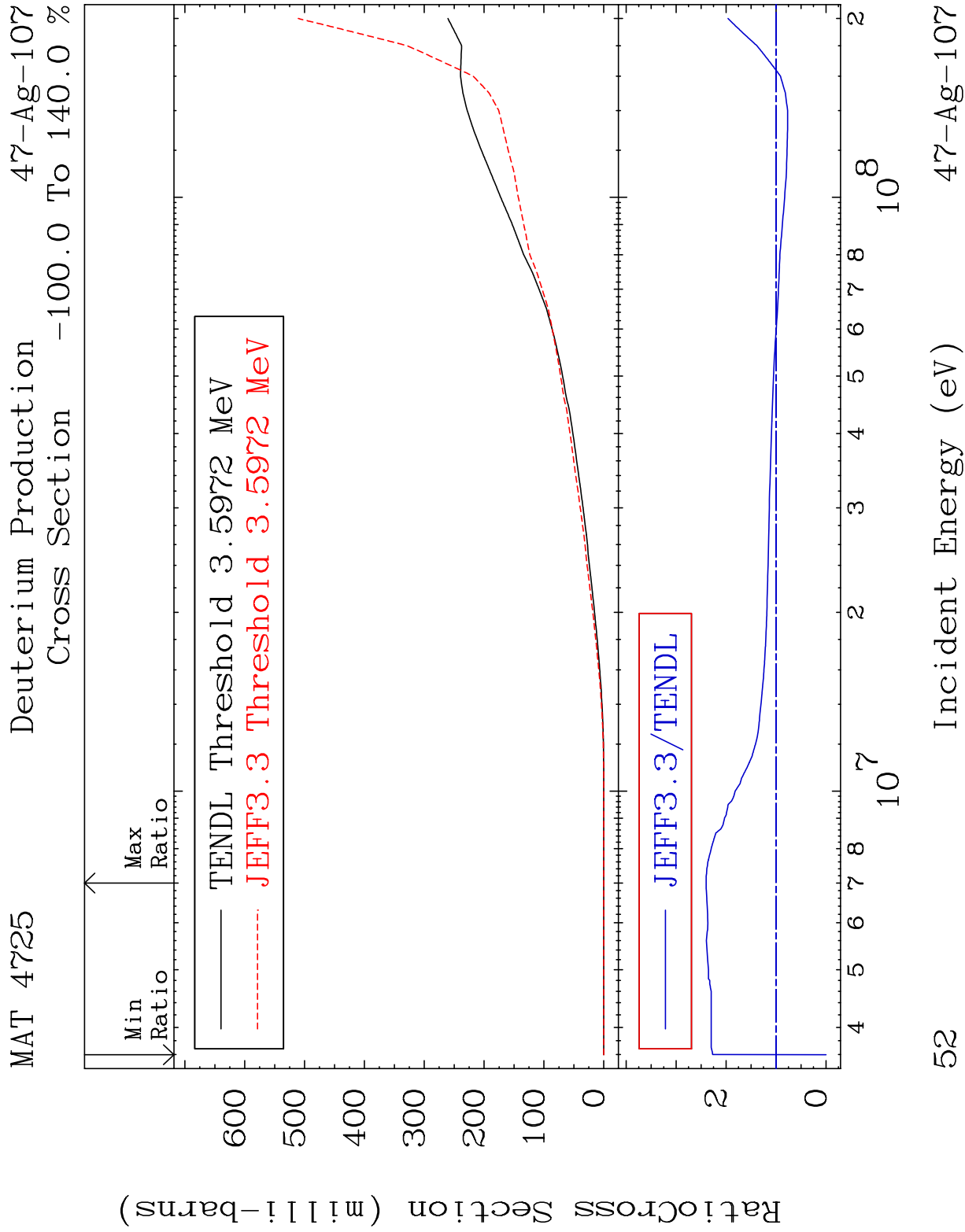




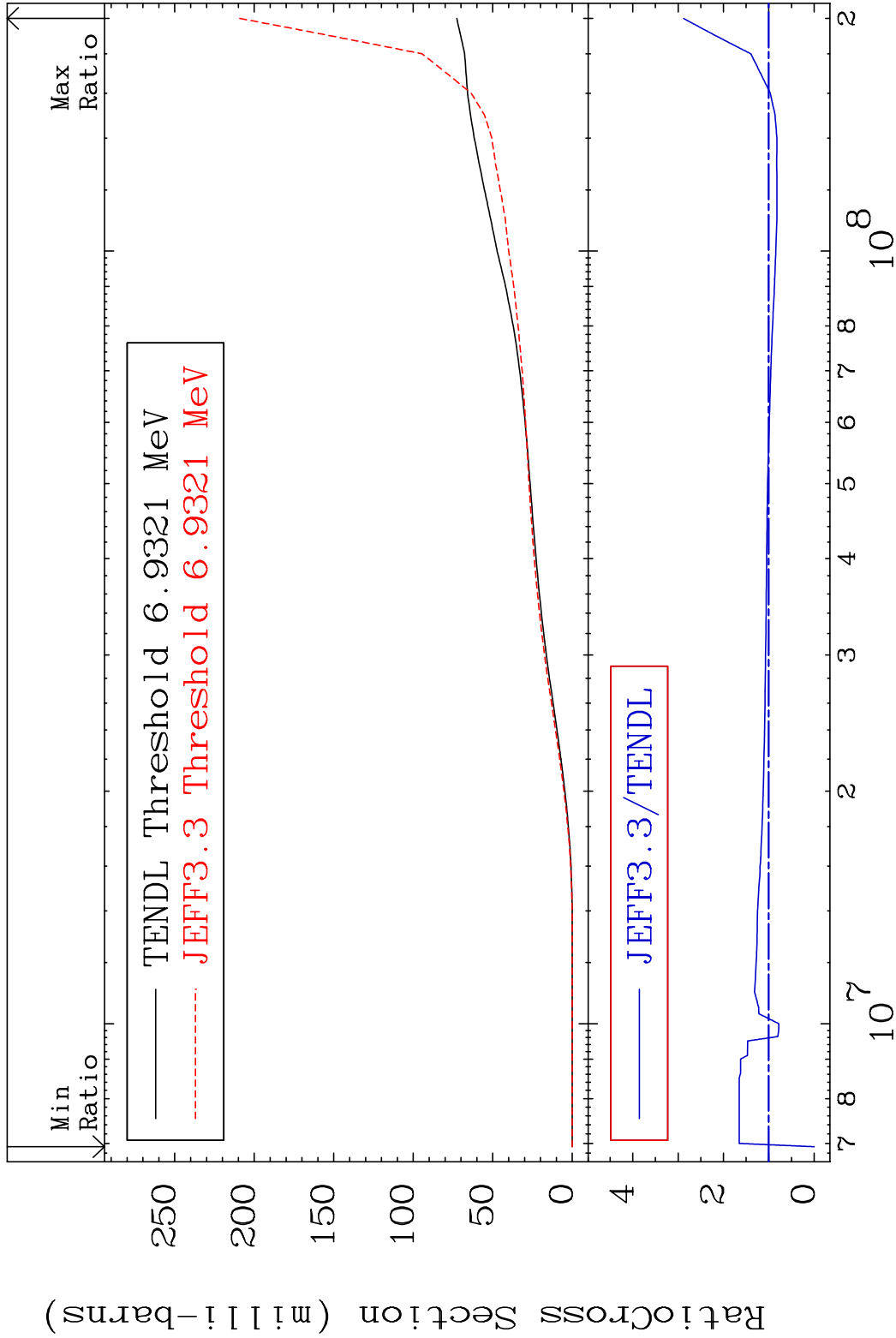


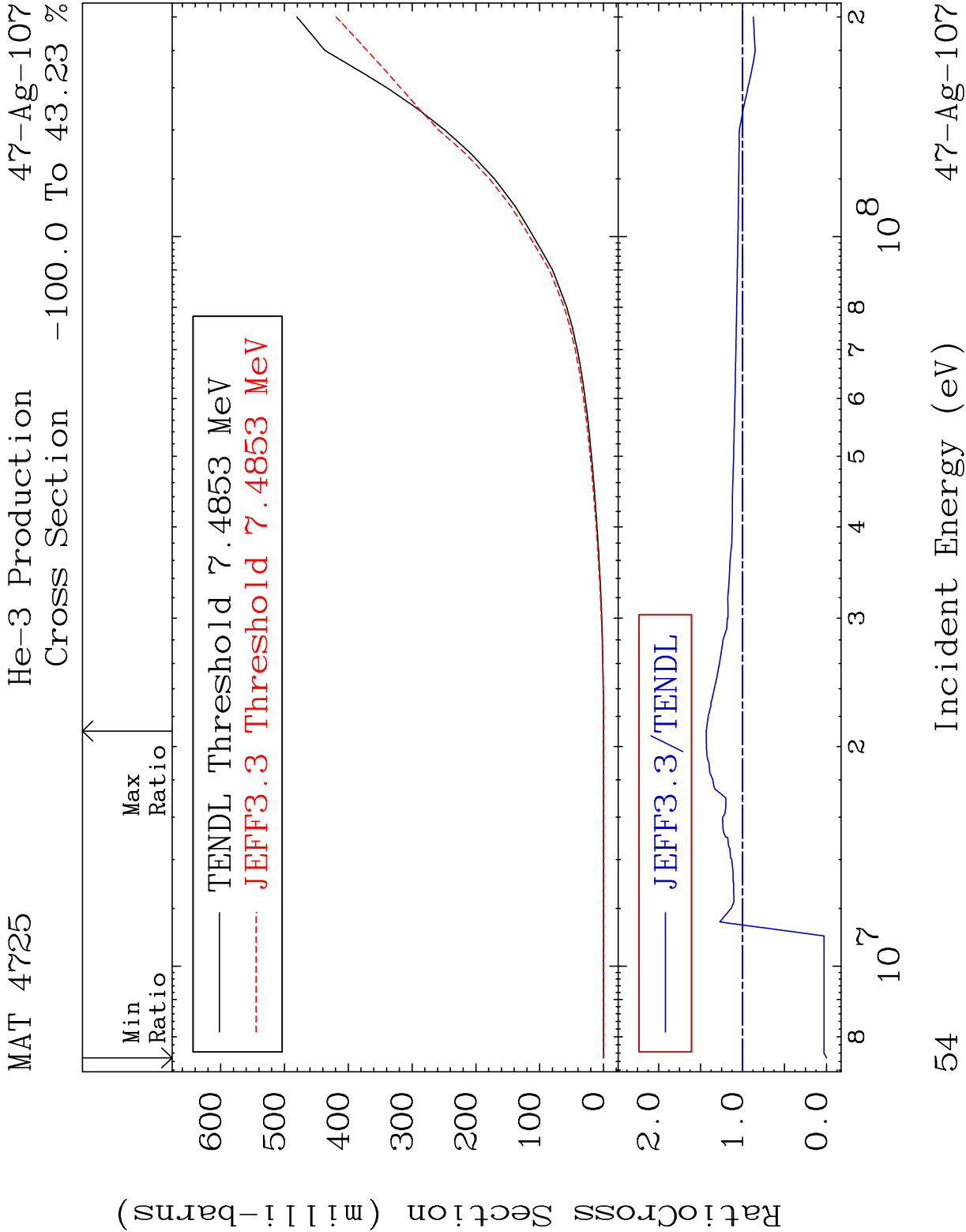


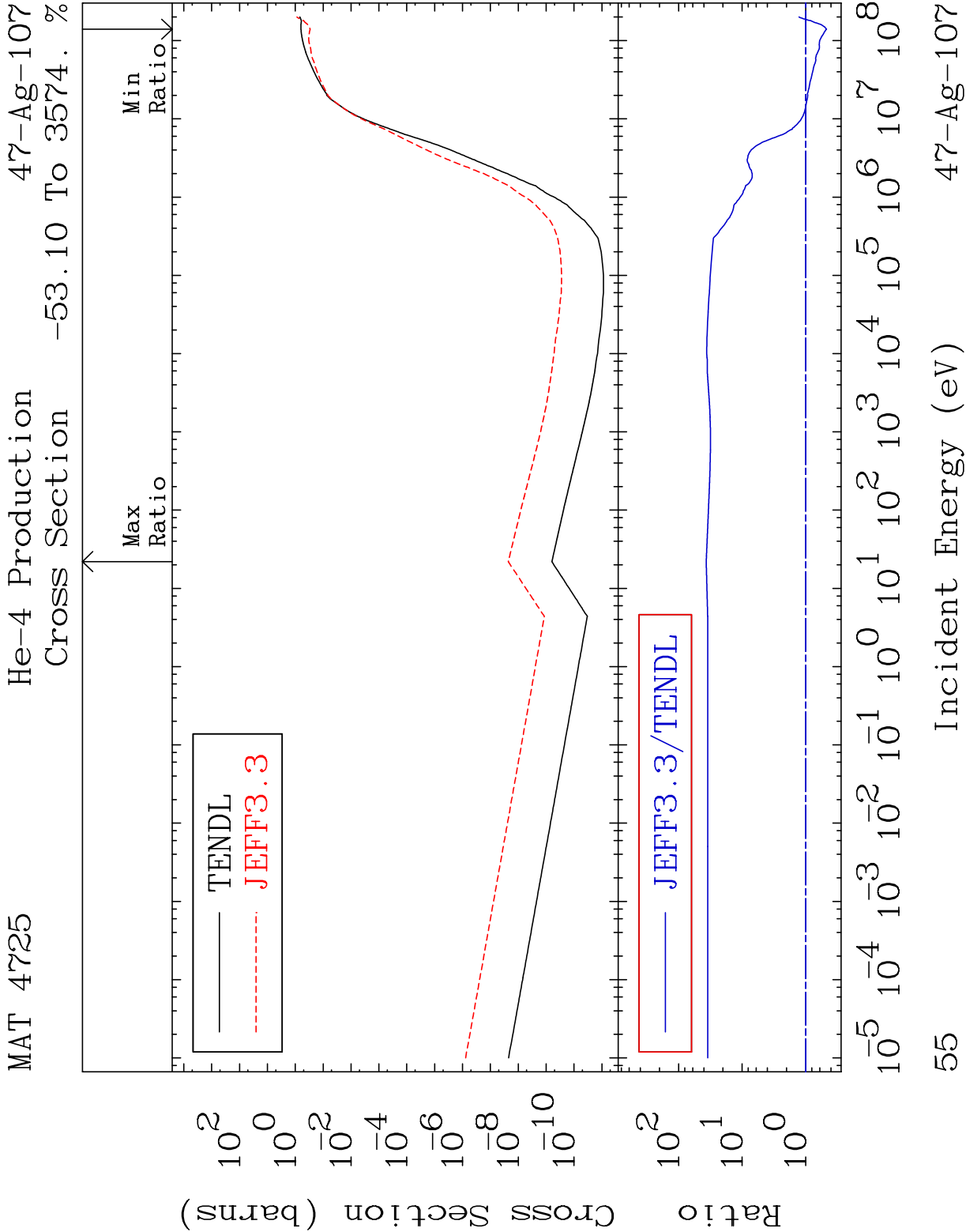




MAT 4725      Tritium Production      47-Ag-107  
 Cross Section      -100.0 To 187.8 %

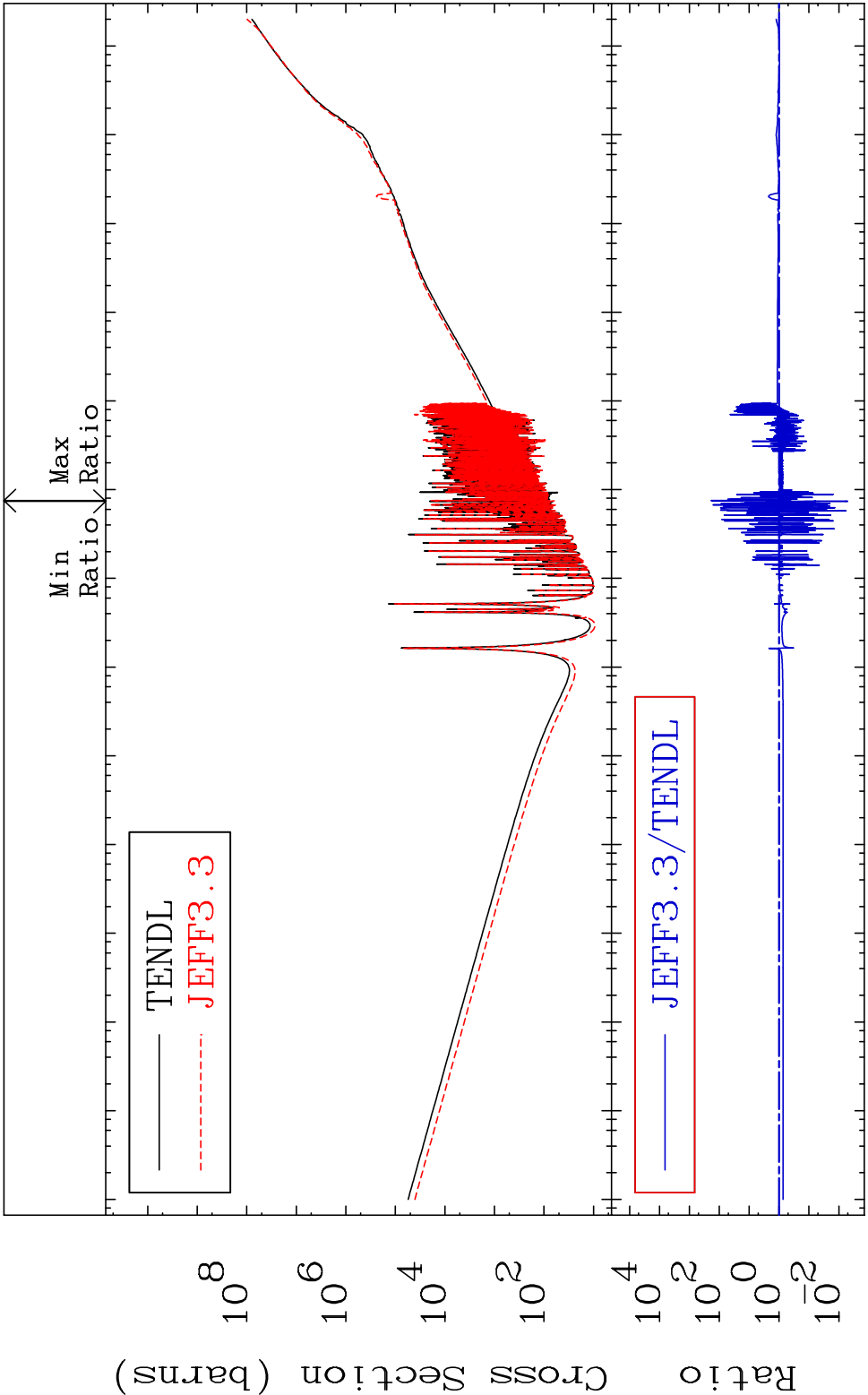


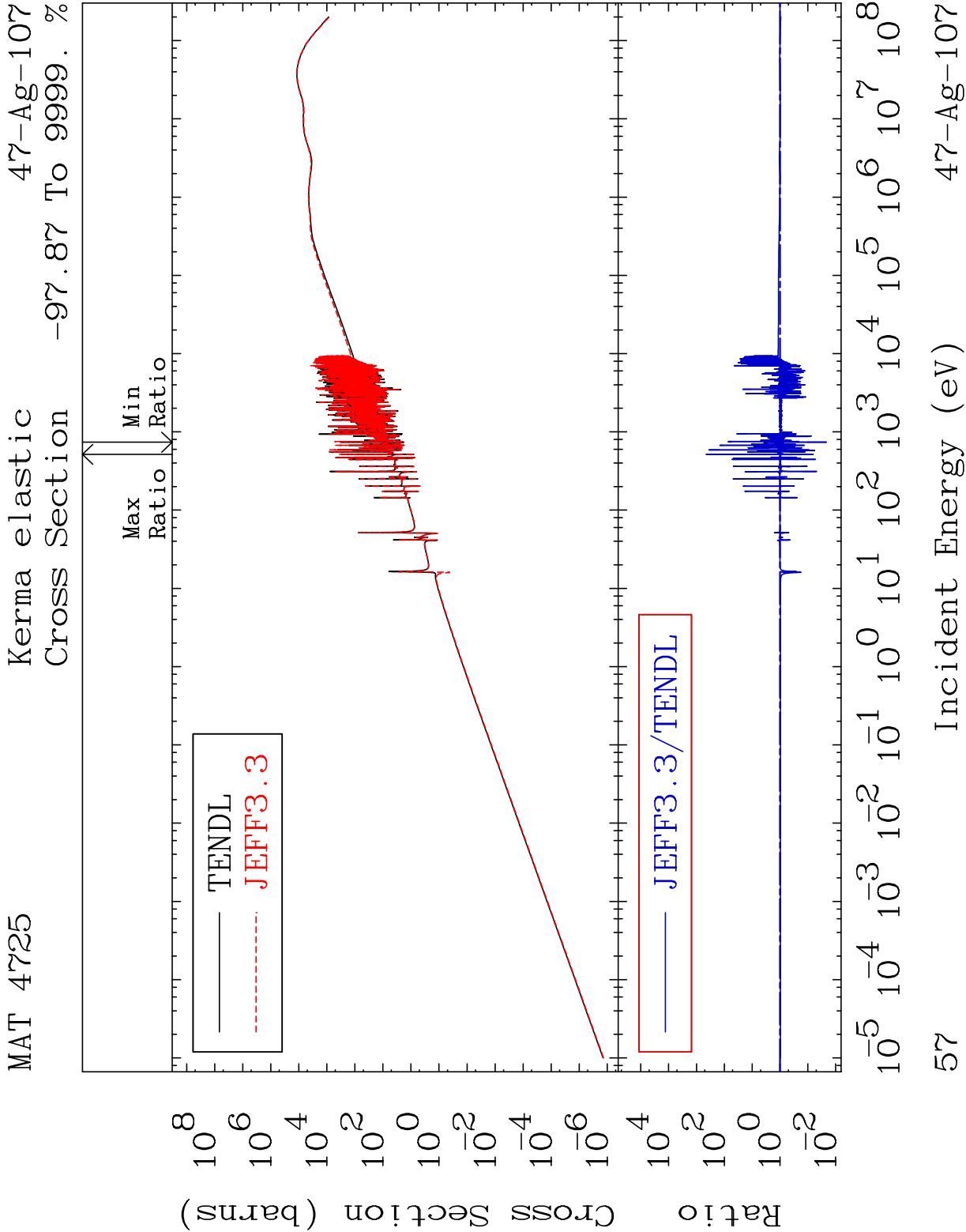


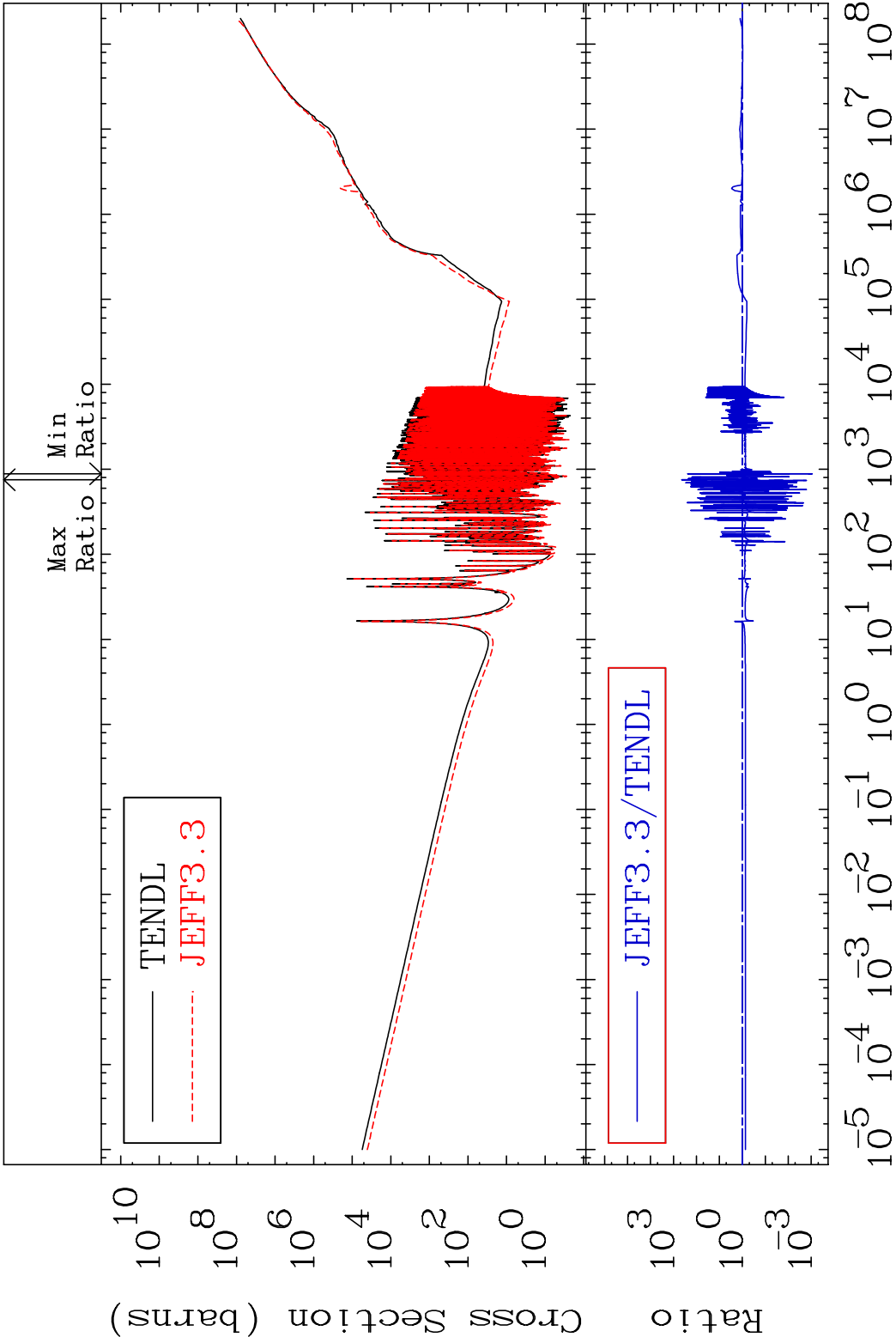


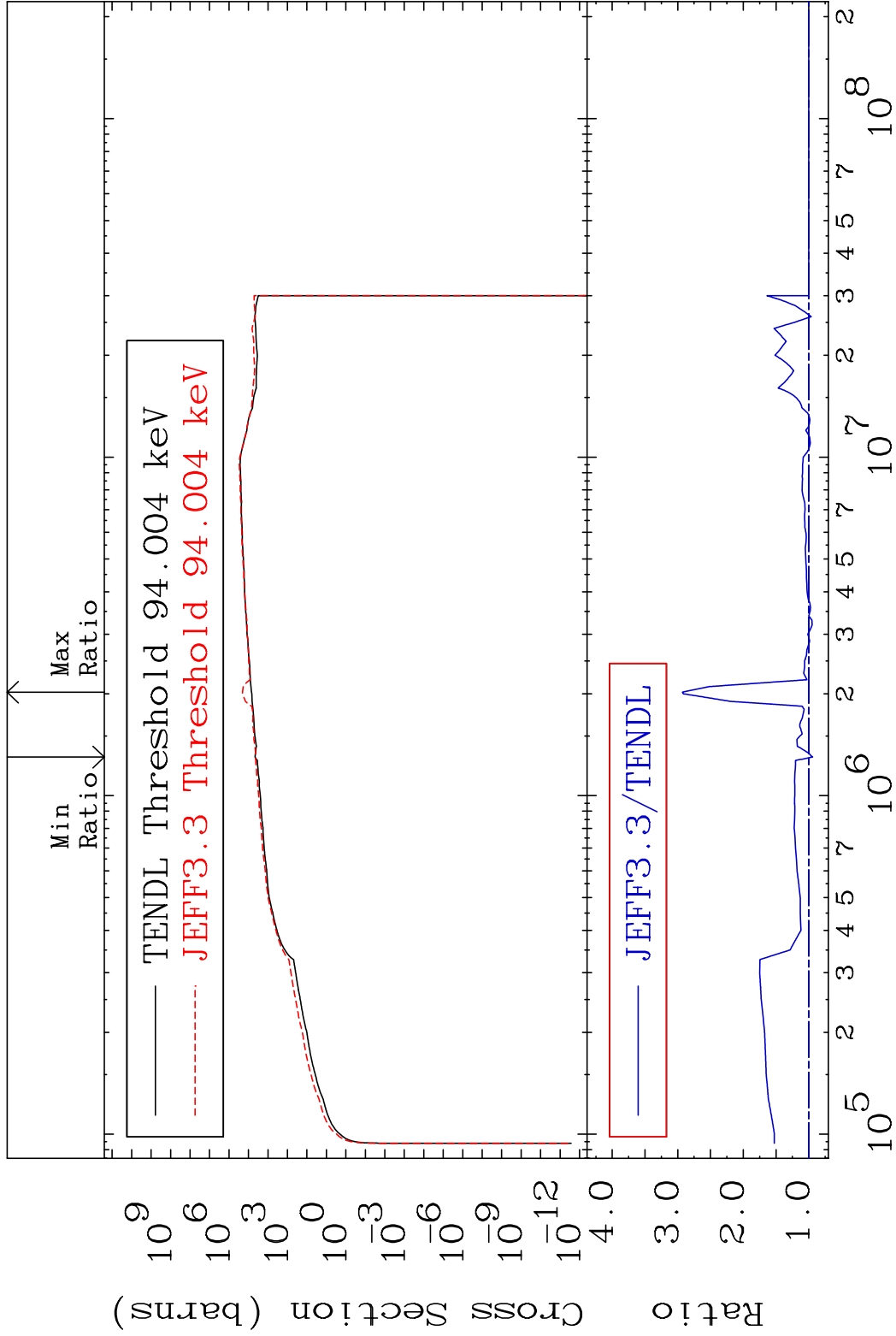


|          |                        |                   |
|----------|------------------------|-------------------|
| MAT 4725 | Kerma total (eV-barns) | 47-Ag-107         |
|          | Cross Section          | -99.50 To 9999. % |

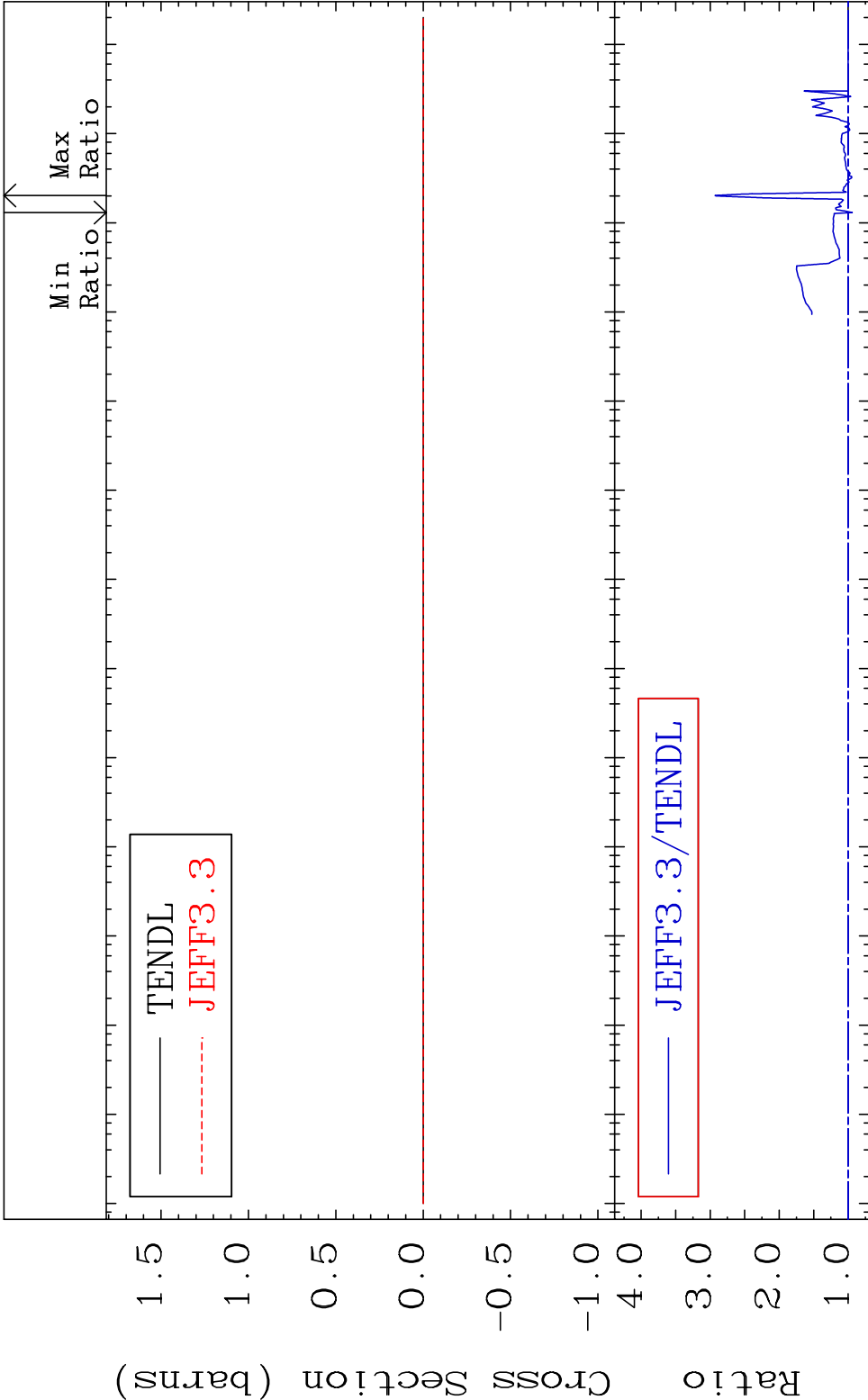






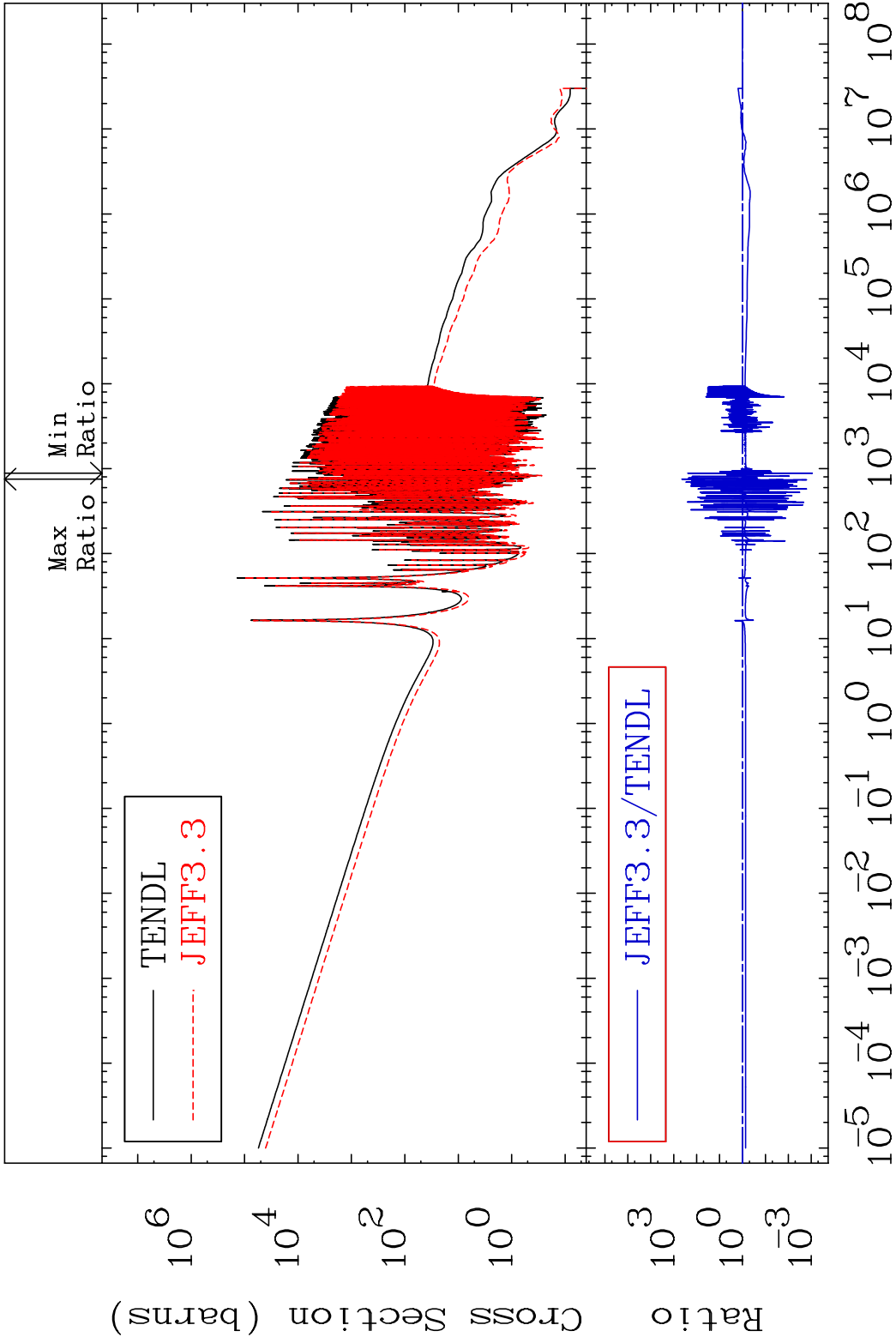


MAT 4725 Kerma fission (mt18 or mt19-20-21-38) 47-Ag-107  
Cross Section -5.793 To 193.0 %



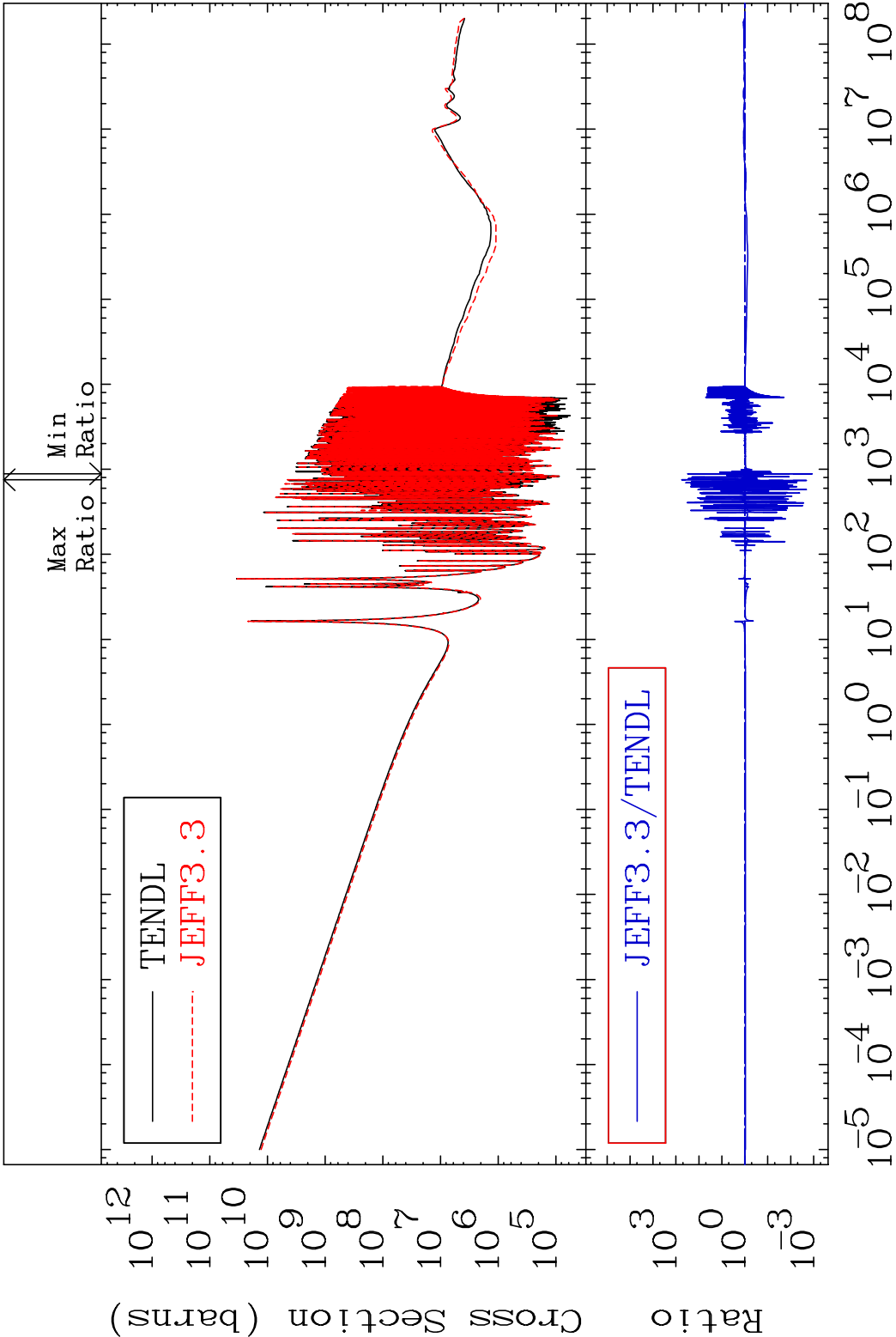
60 Incident Energy (eV) 47-Ag-107

MAT 4725      Kerma capture (mt102)      47-Ag-107  
Cross Section      -99.91 To 9999. %



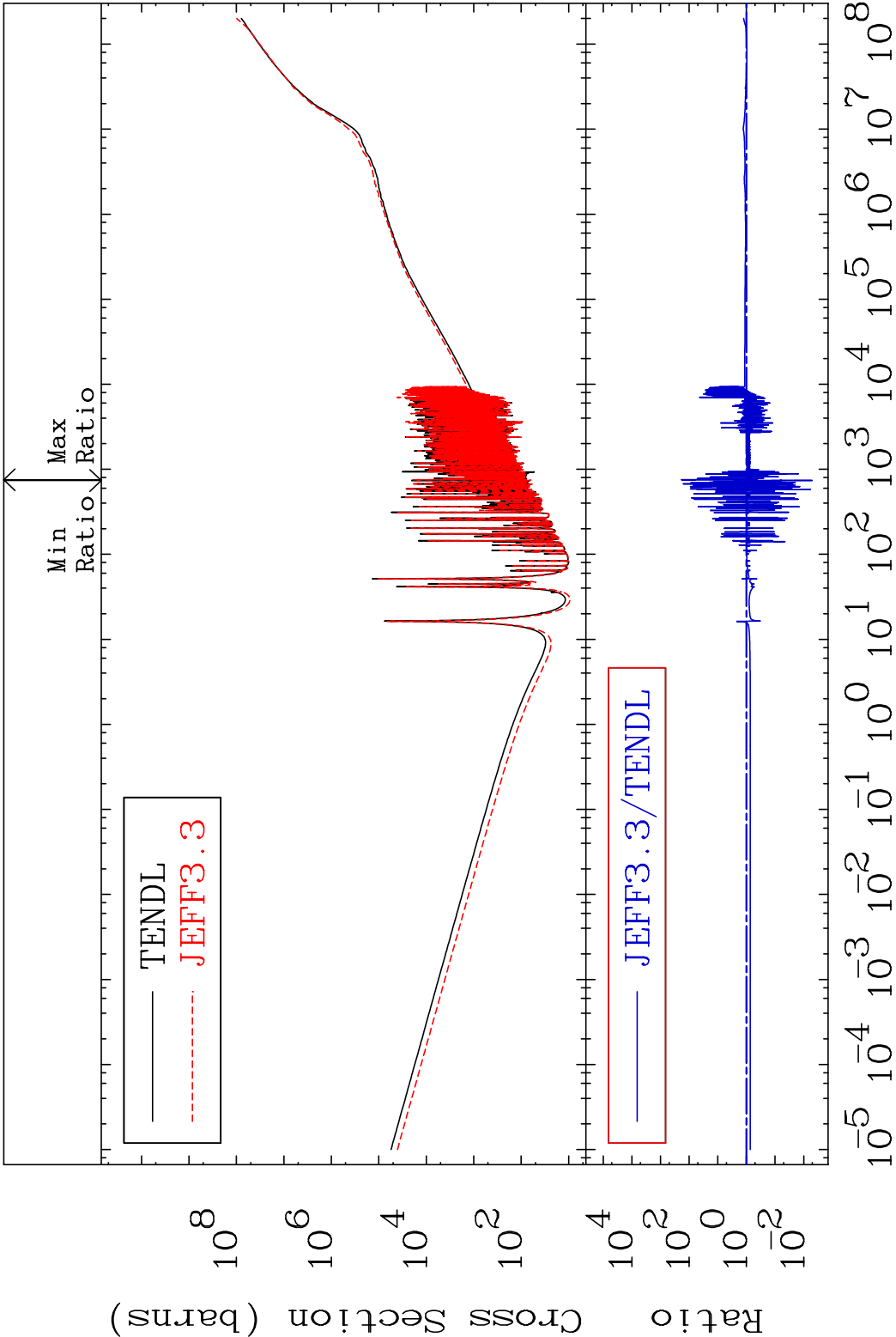
61      Incident Energy (eV)      47-Ag-107

MAT 4725      Total photon (eV-barns)      47-Ag-107  
Cross Section    -99.88 To 9999. %



62      Incident Energy (eV)      47-Ag-107

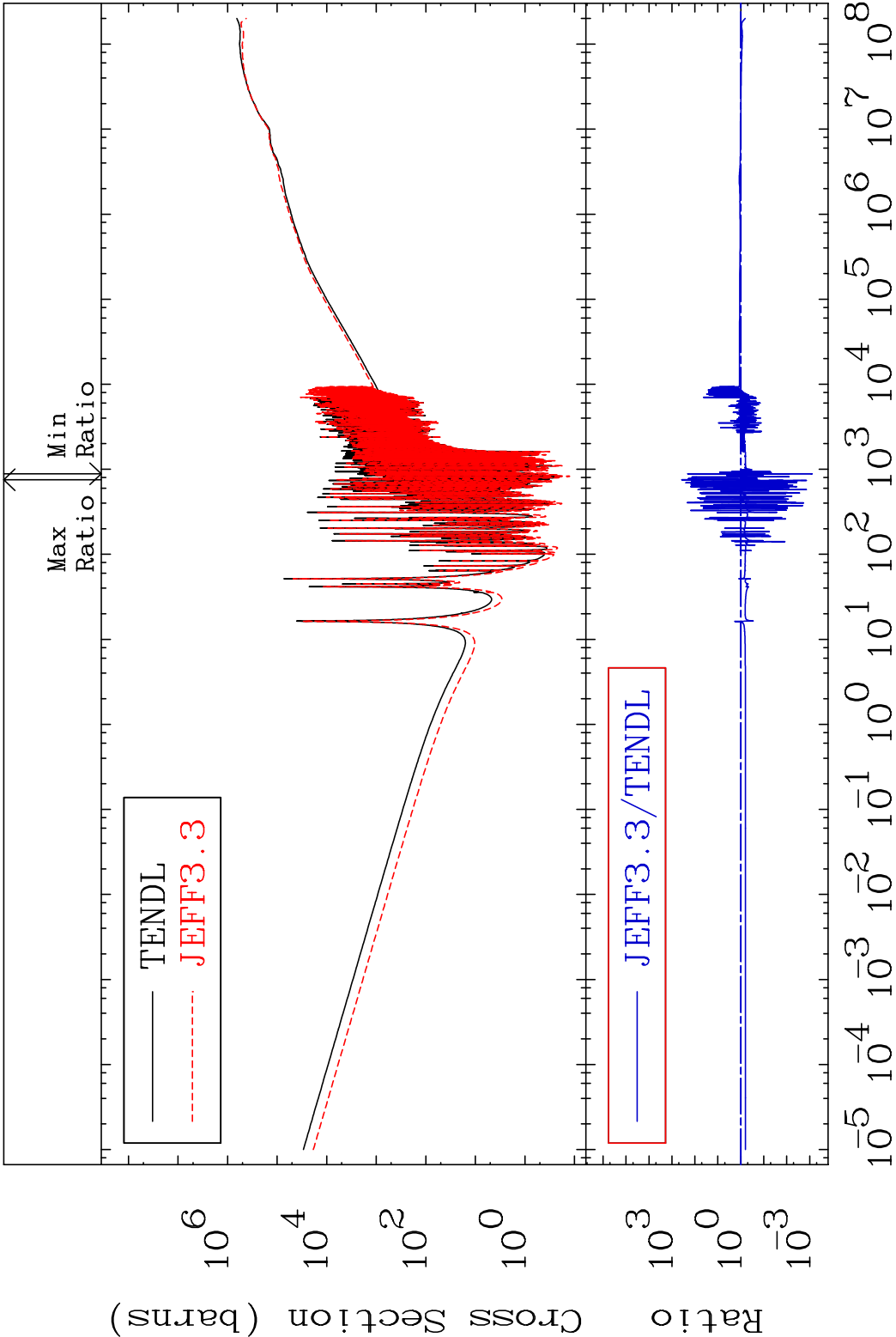
MAT 4725 Total kinematic kerma (high limit) 47-Ag-107  
Cross Section -99.50 To 9999. %



63 Incident Energy (eV) 47-Ag-107

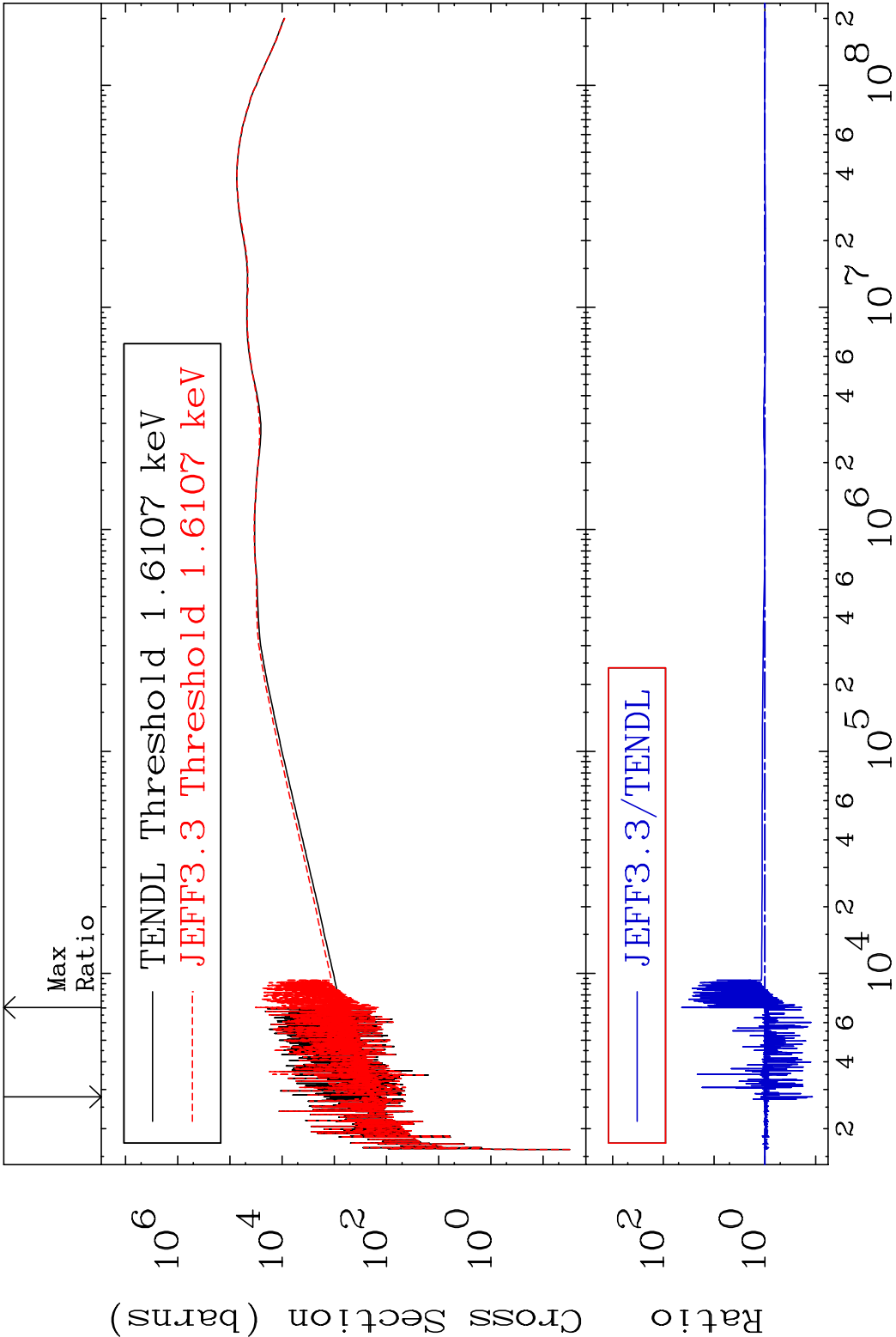


MAT 4725      Dpa total (eV-barns)      47-Ag-107  
Cross Section      -99.92 To 9999. %

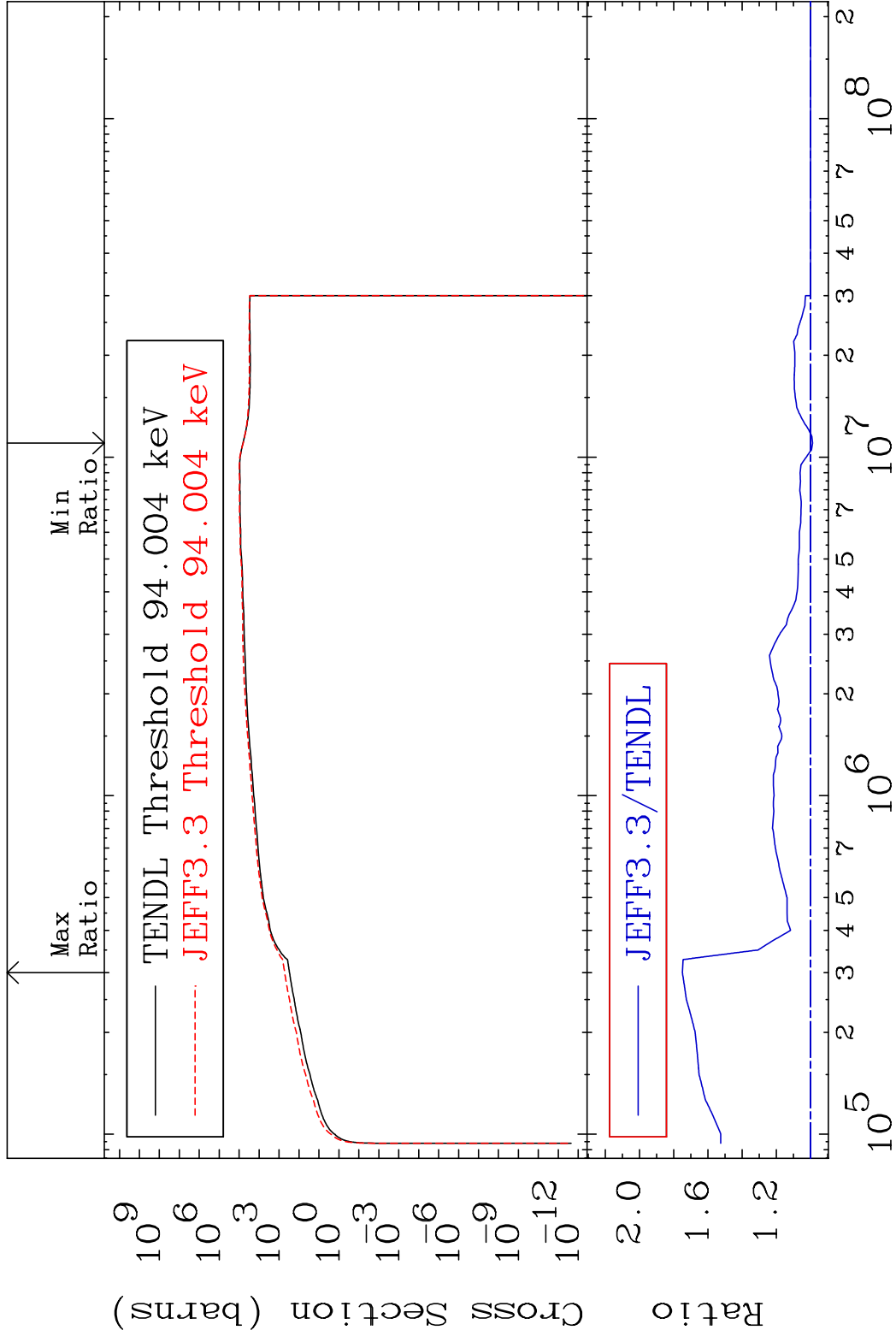


64      Incident Energy (eV)      47-Ag-107

MAT 4725      Dpa elastic (mt2)      47-Ag-107  
 Cross Section      -88.31 To 4285. %

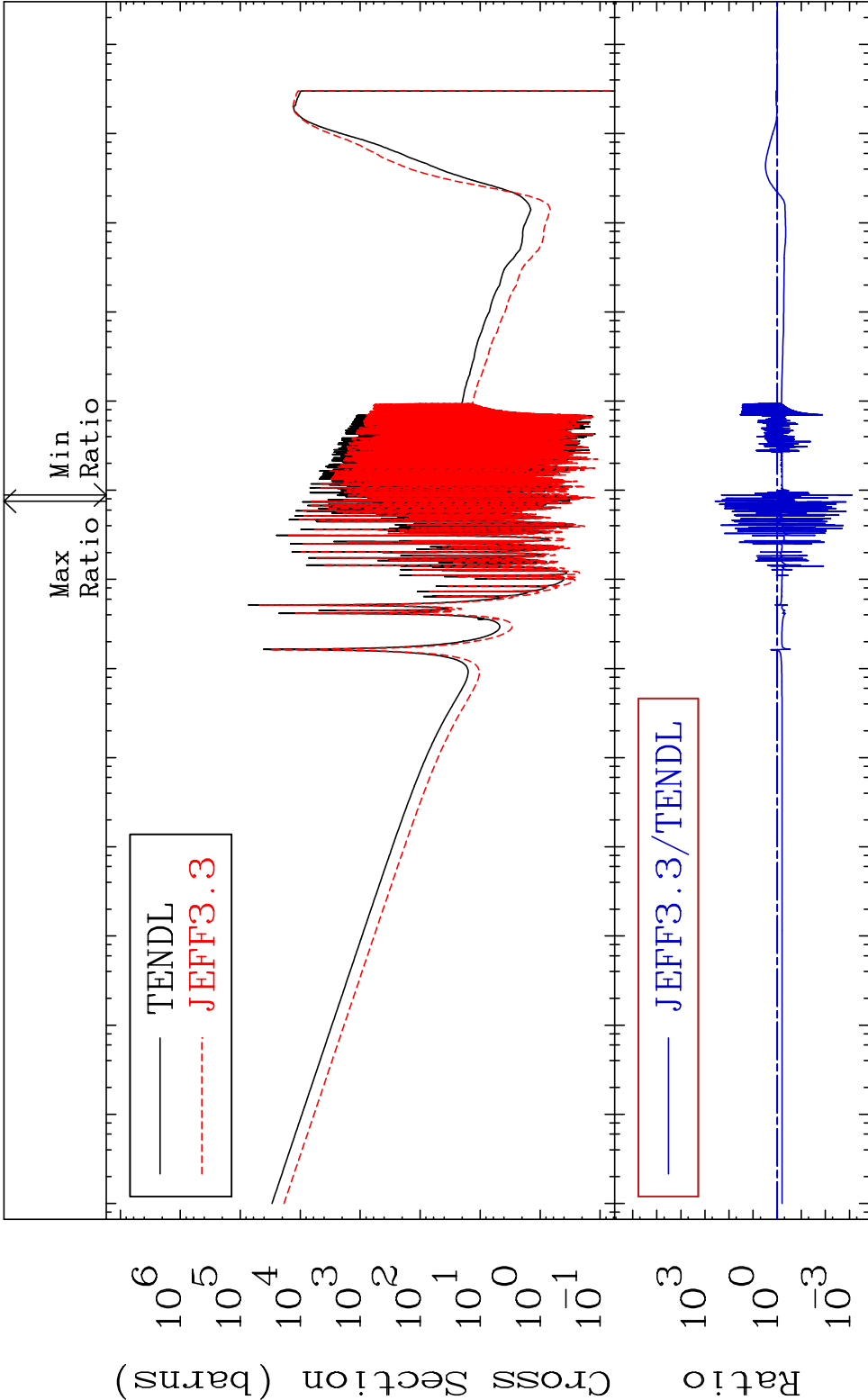


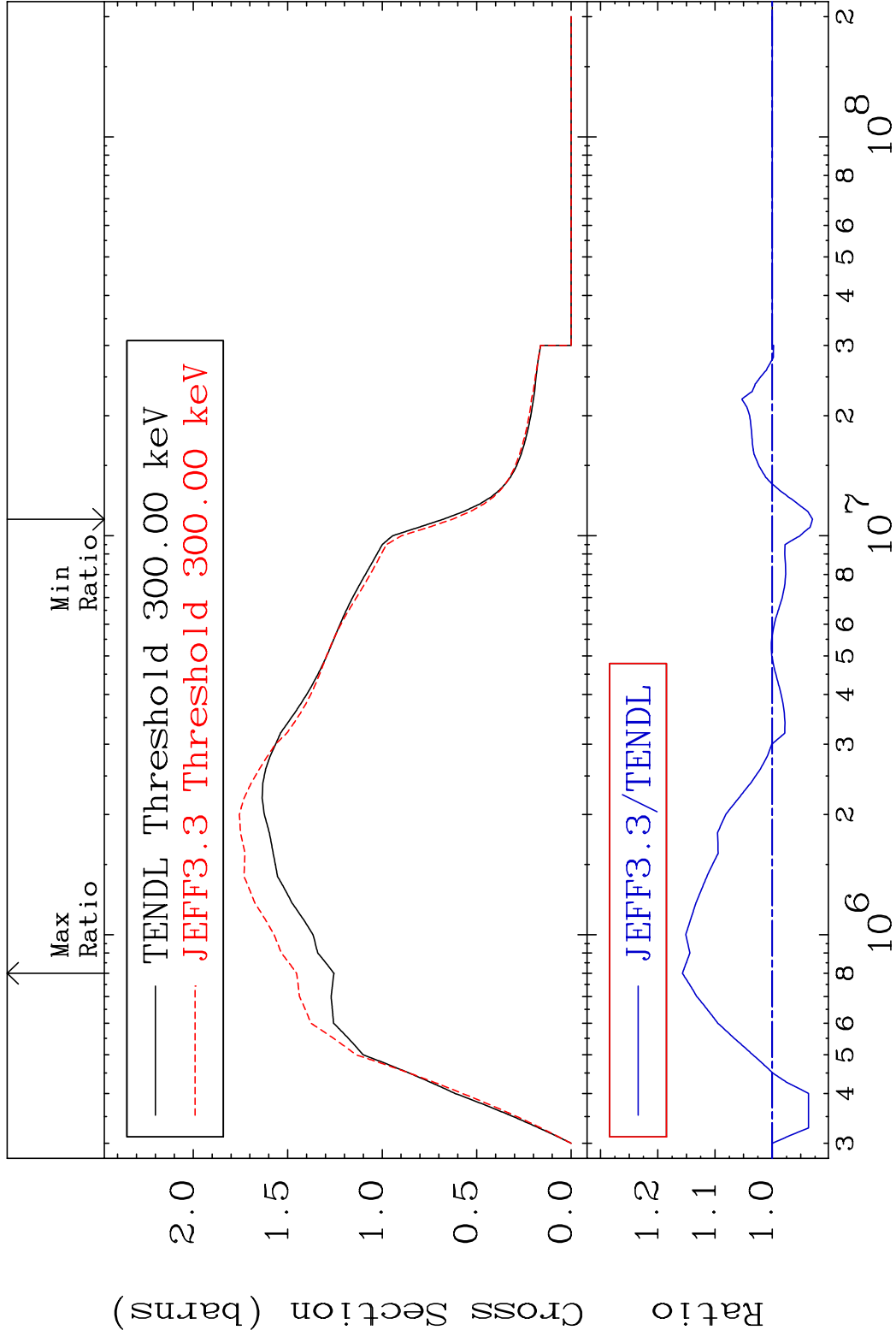
MAT 4725      Dpa inelastic (mt51-91)      47-Ag-107  
Cross Section      -1.229 To 74.95 %

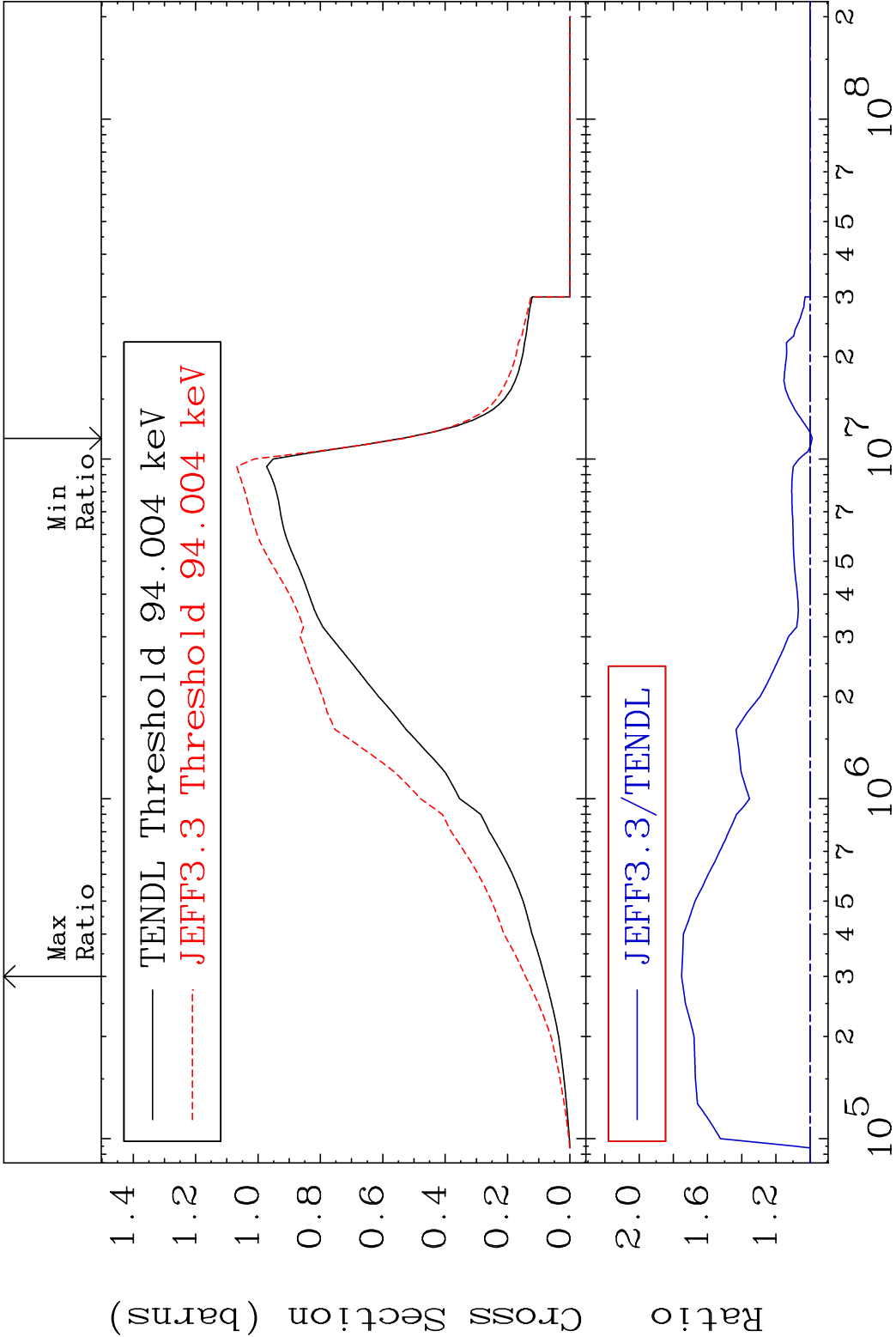


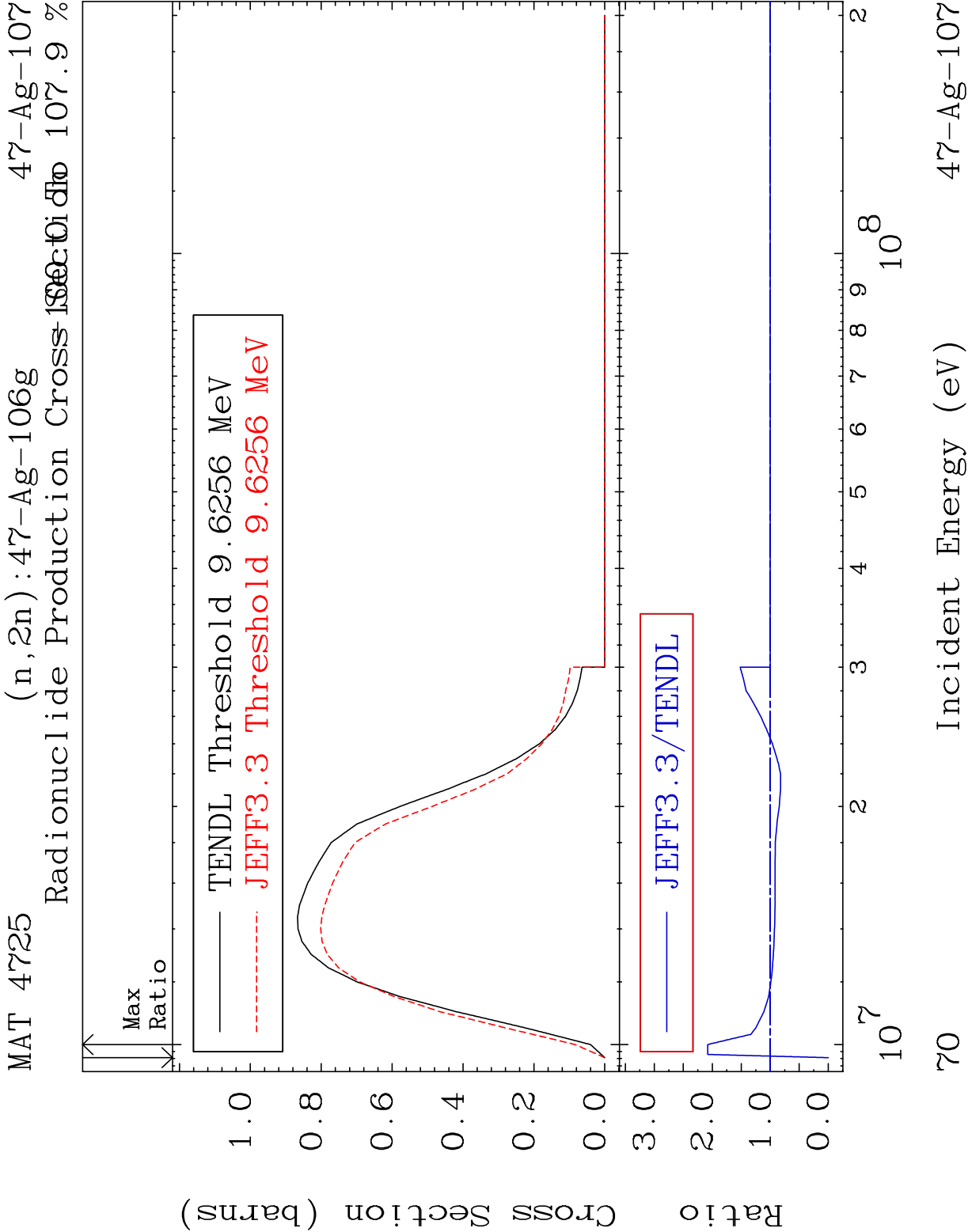
66      Incident Energy (eV)      47-Ag-107

MAT 4725    Dpa disappearance (mt102 -120)    47-Ag-107  
Cross Section    -99.92 To 9999. %

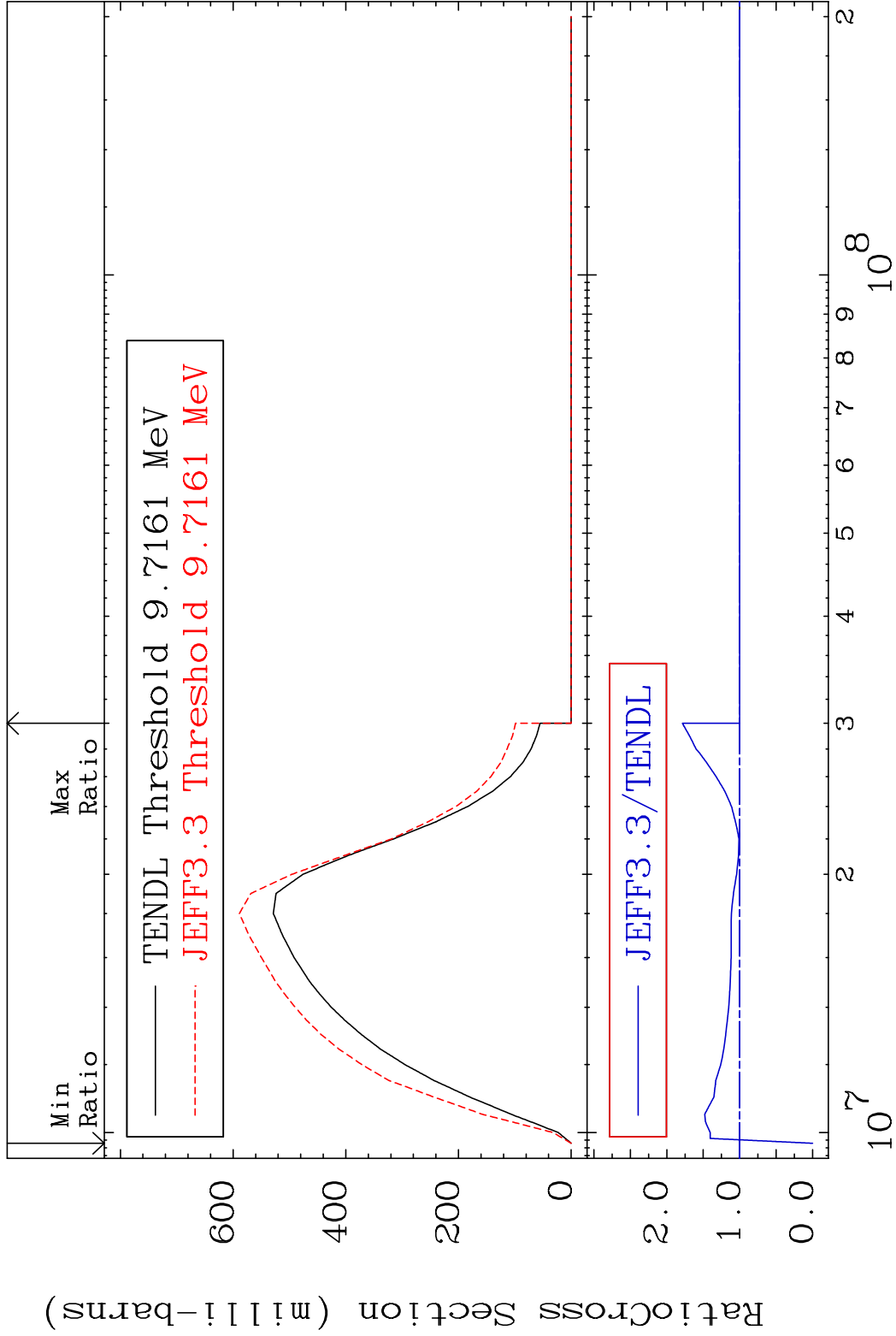






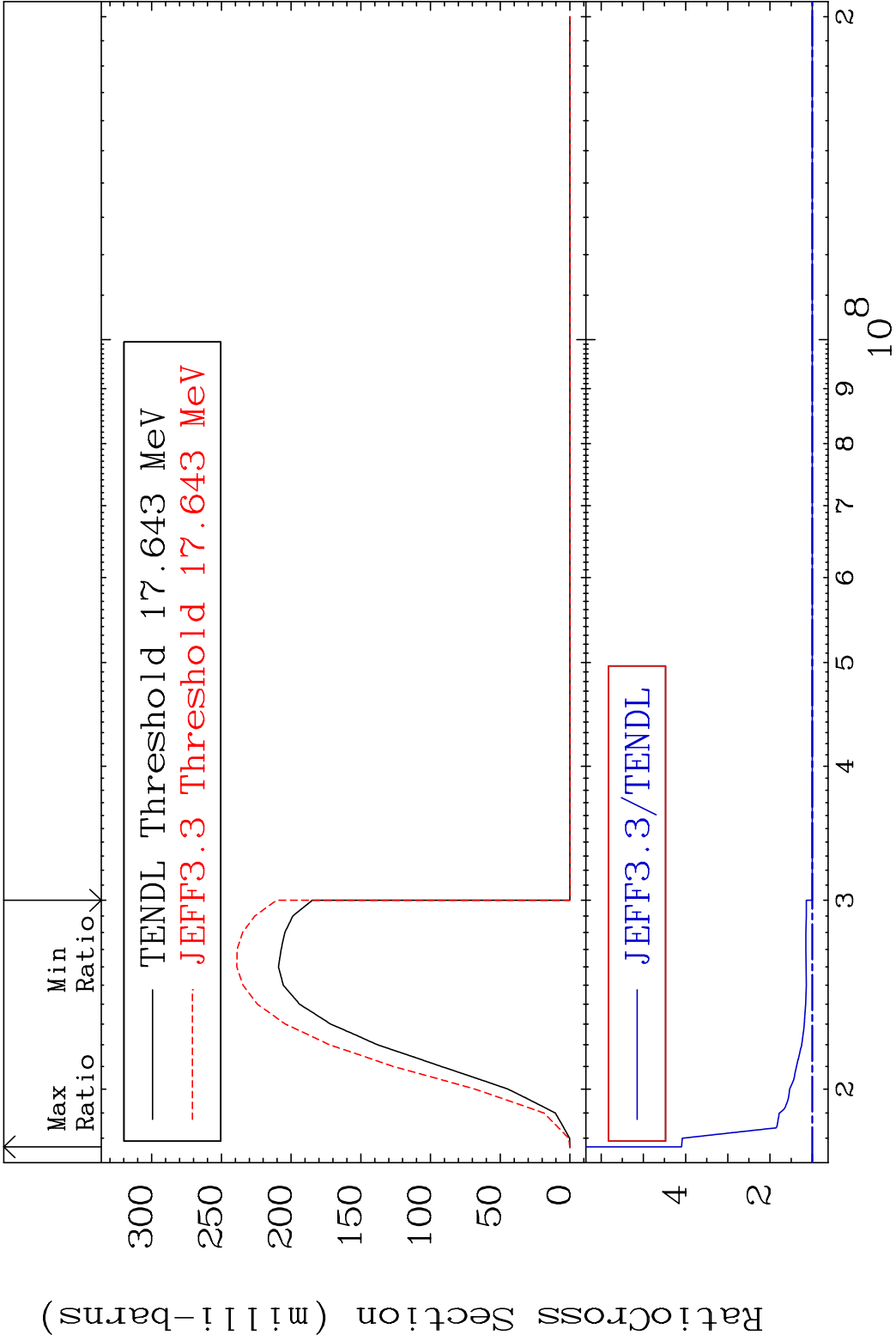


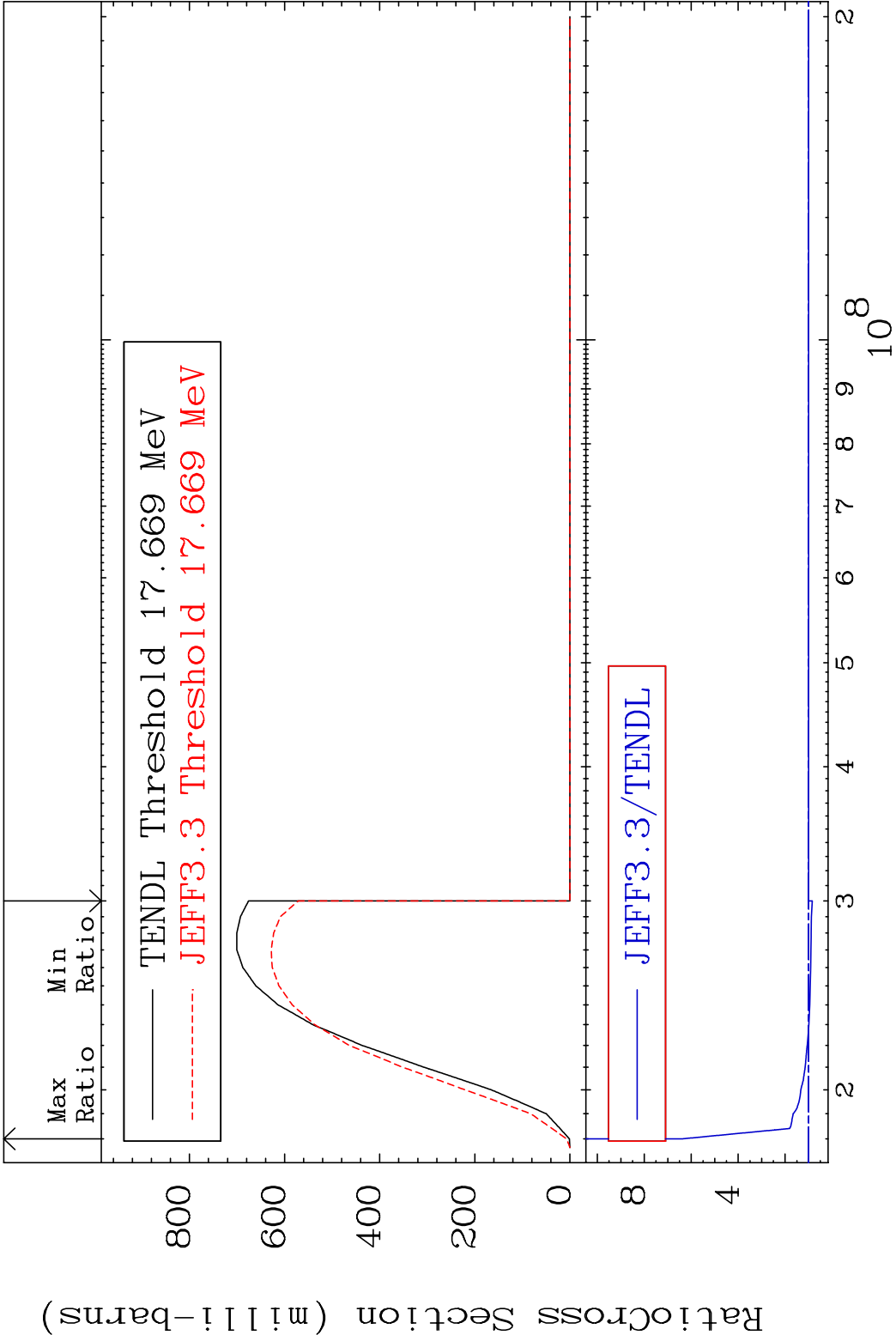
MAT 4725 (n,2n):47-Ag-106m1 47-Ag-107  
Radionuclide Production Cross Section (mb) 180.01 d10 78.65 %

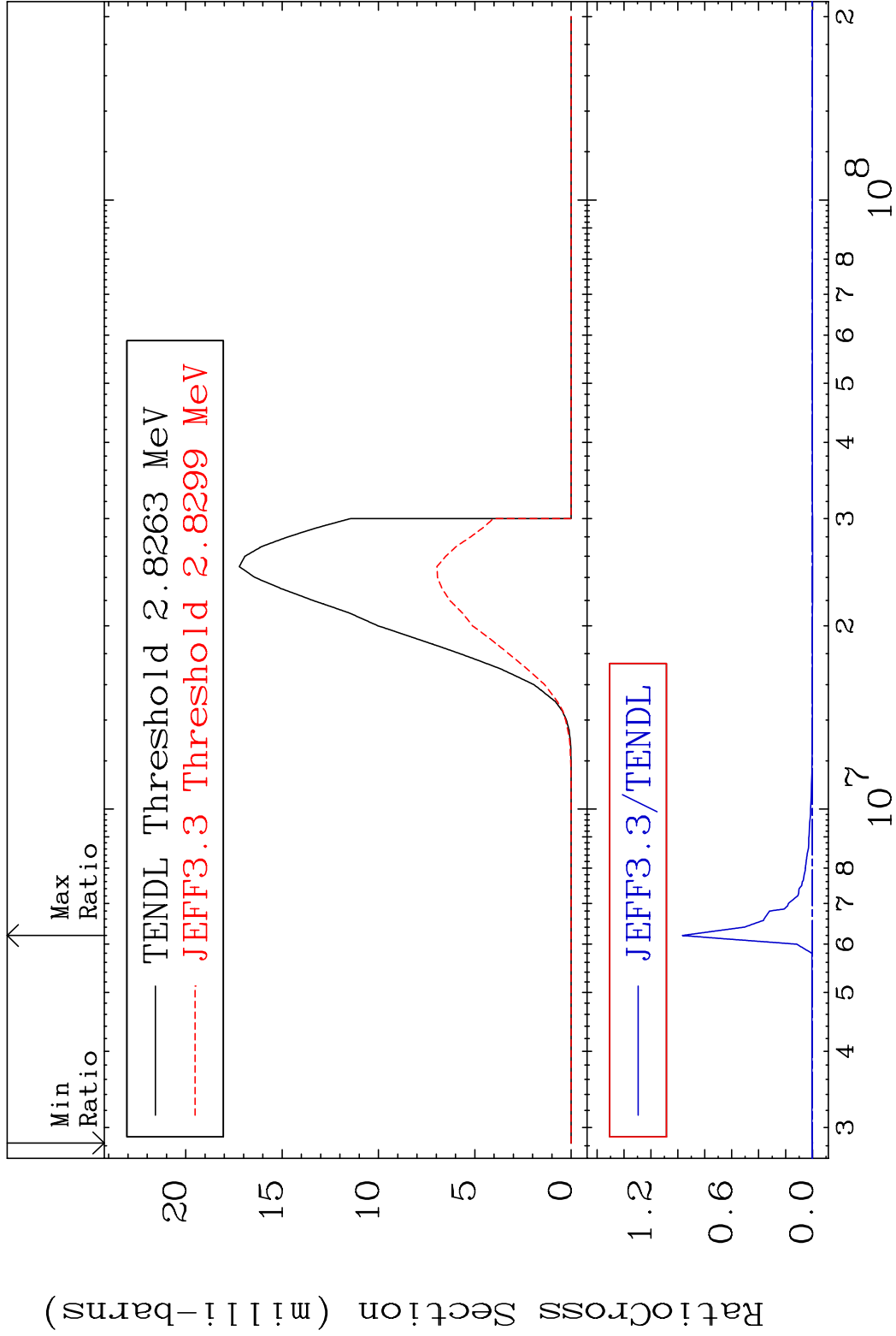


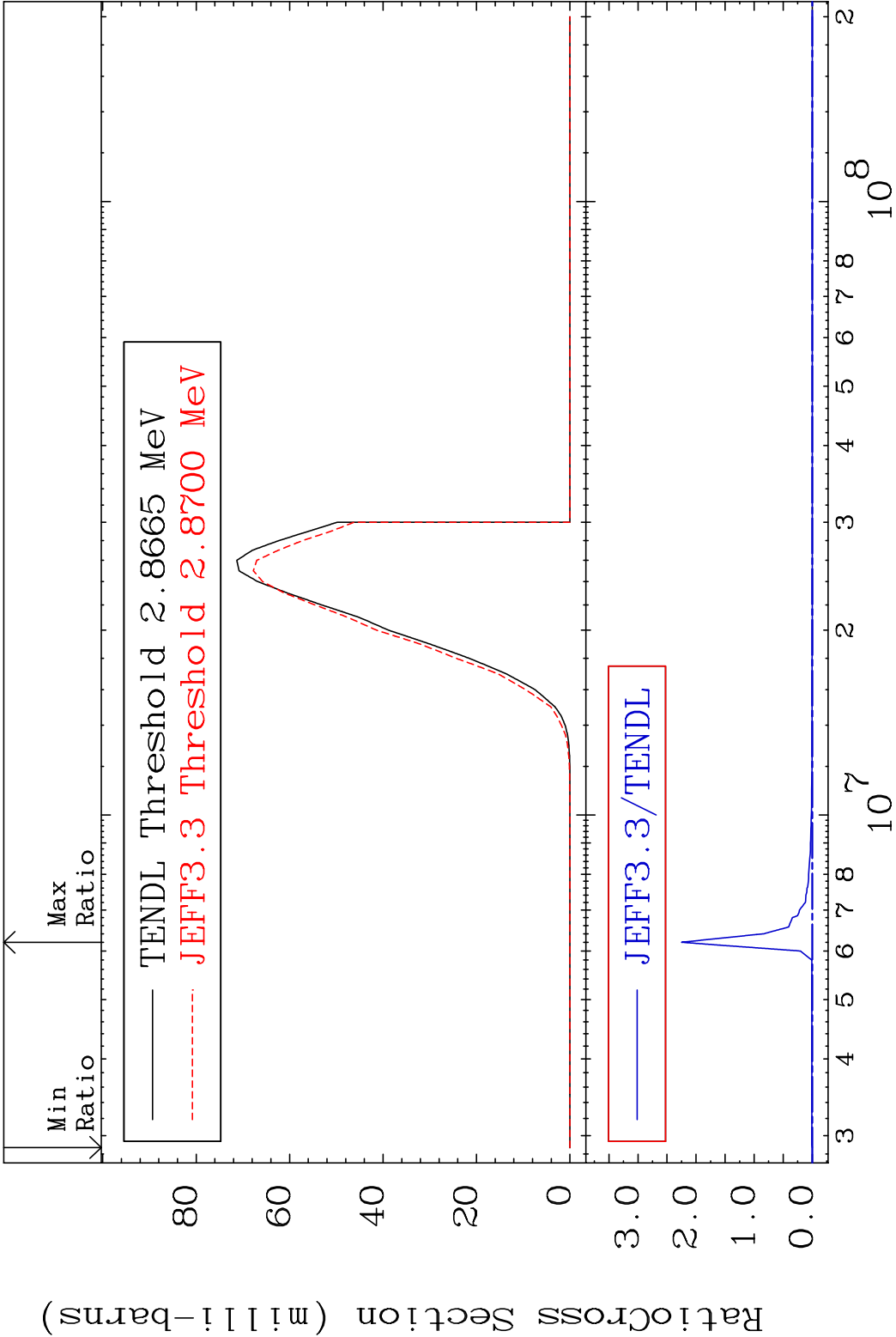
71 Incident Energy (eV) 47-Ag-107



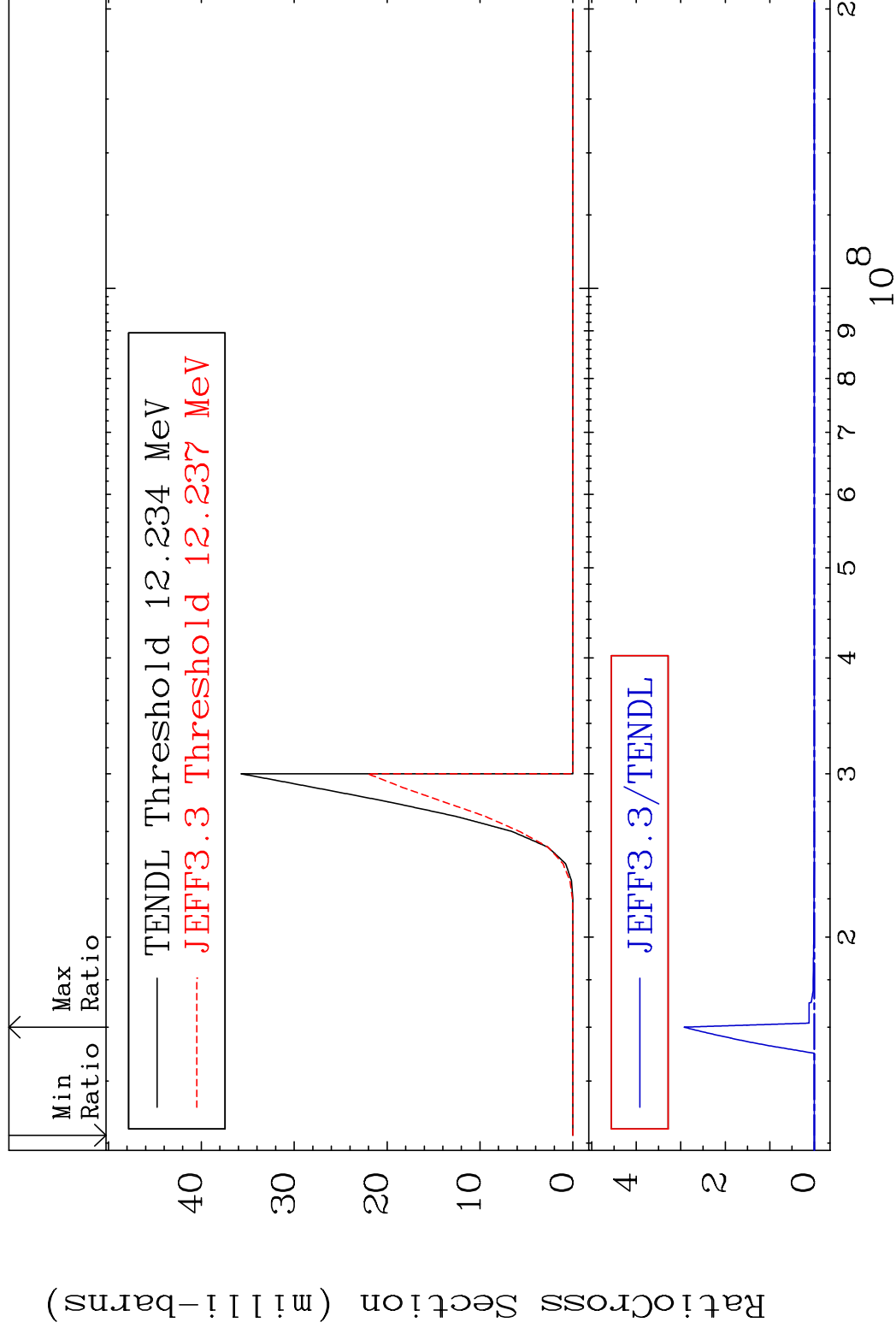


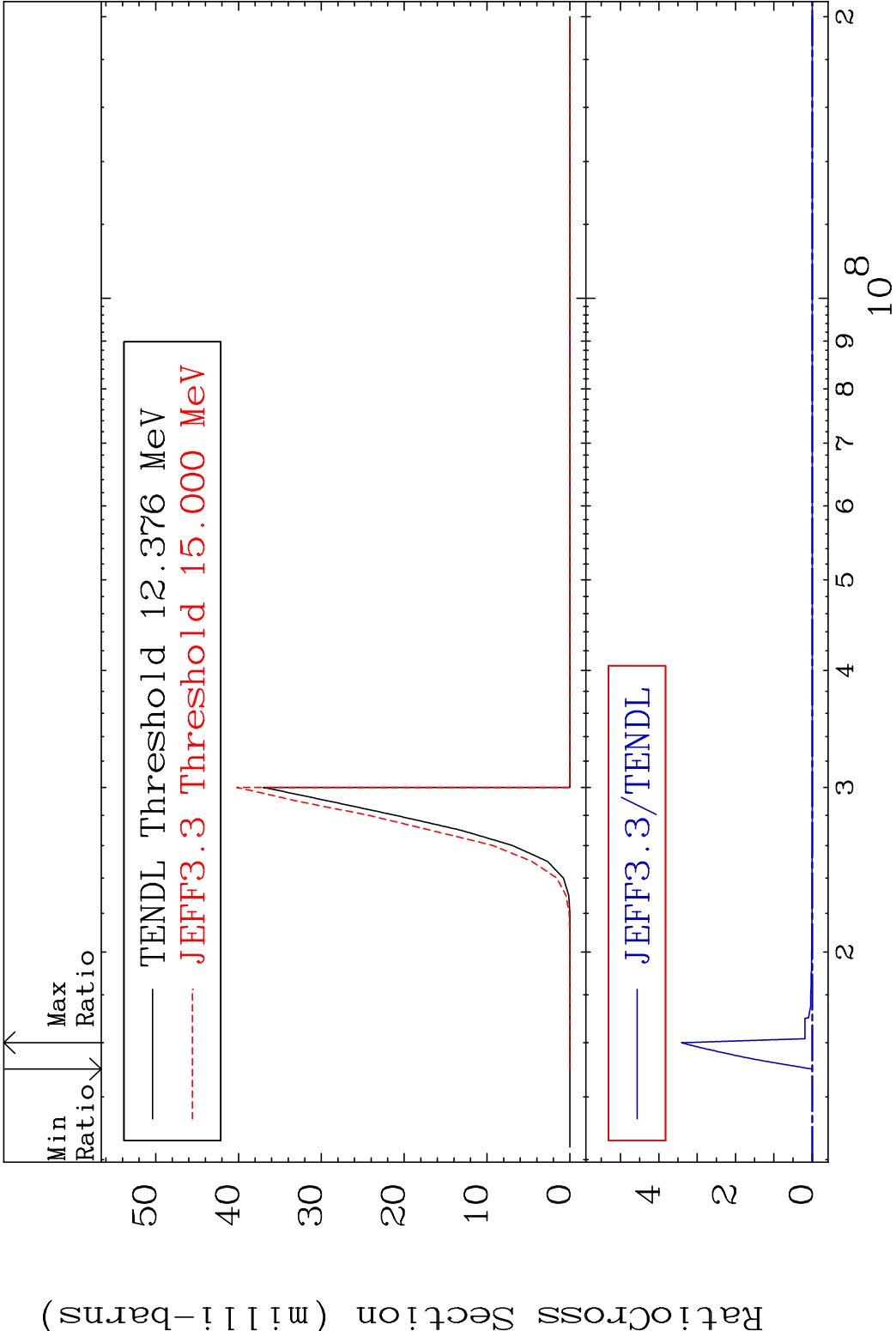


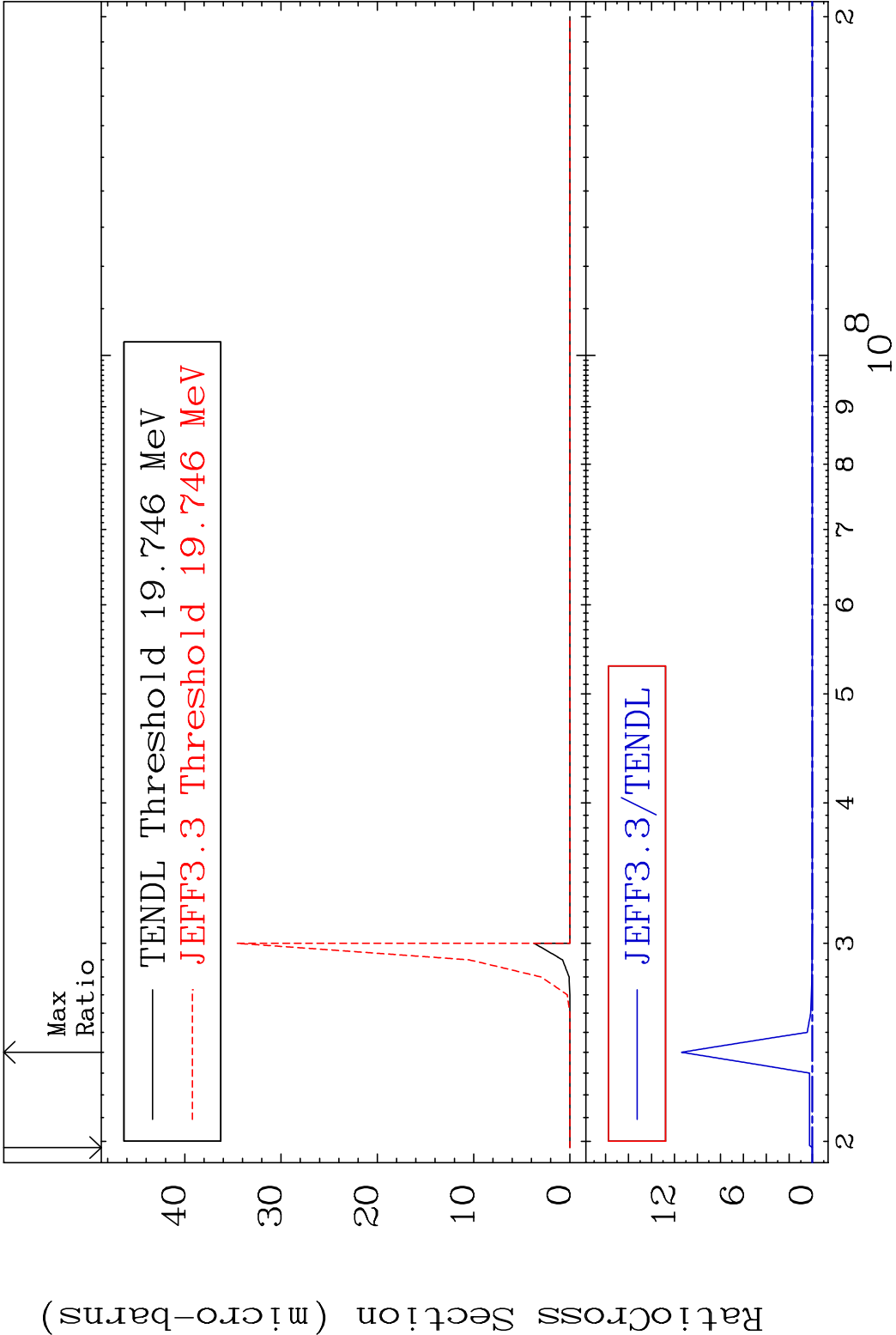


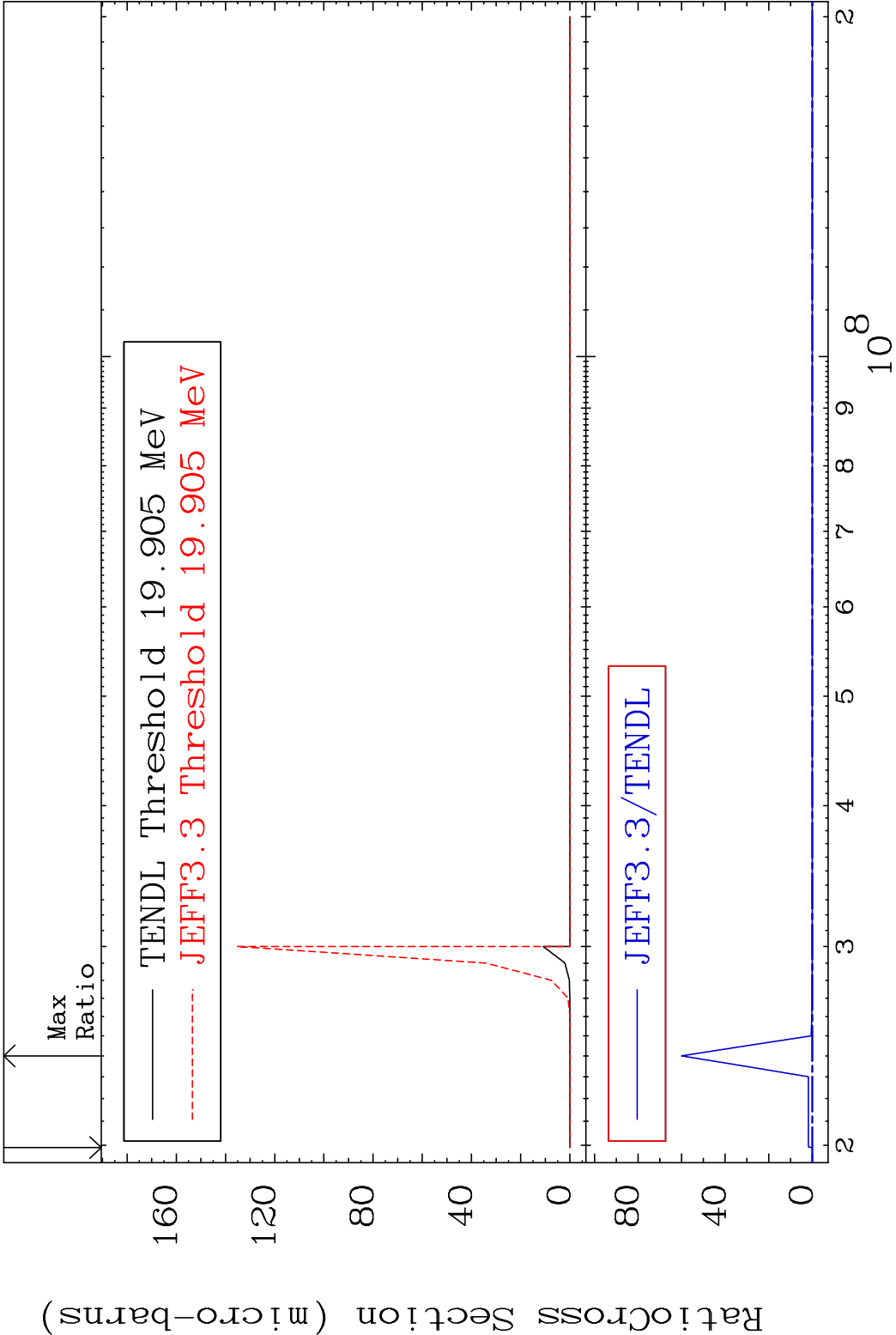


Radionuclide Production Cross Section, %

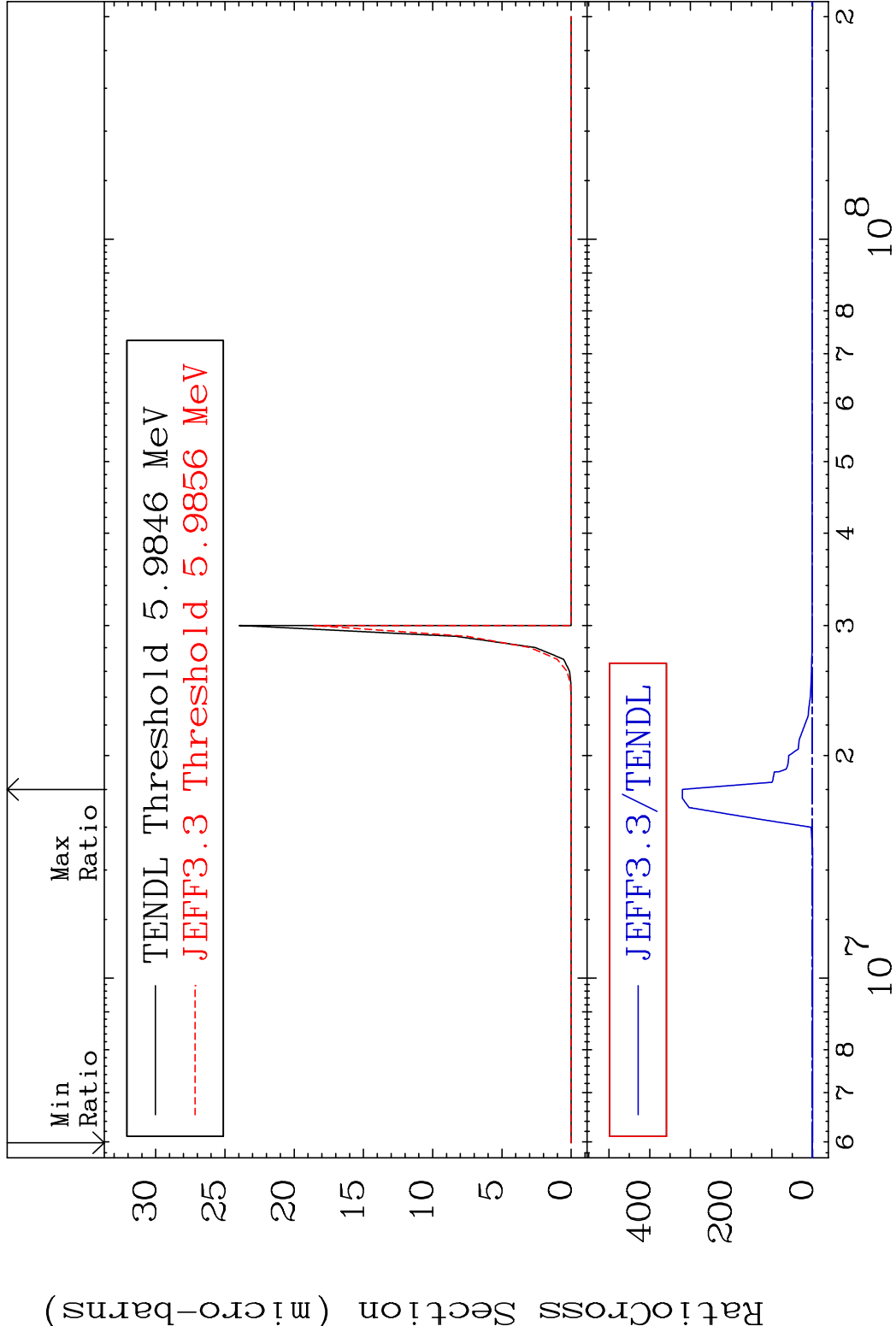


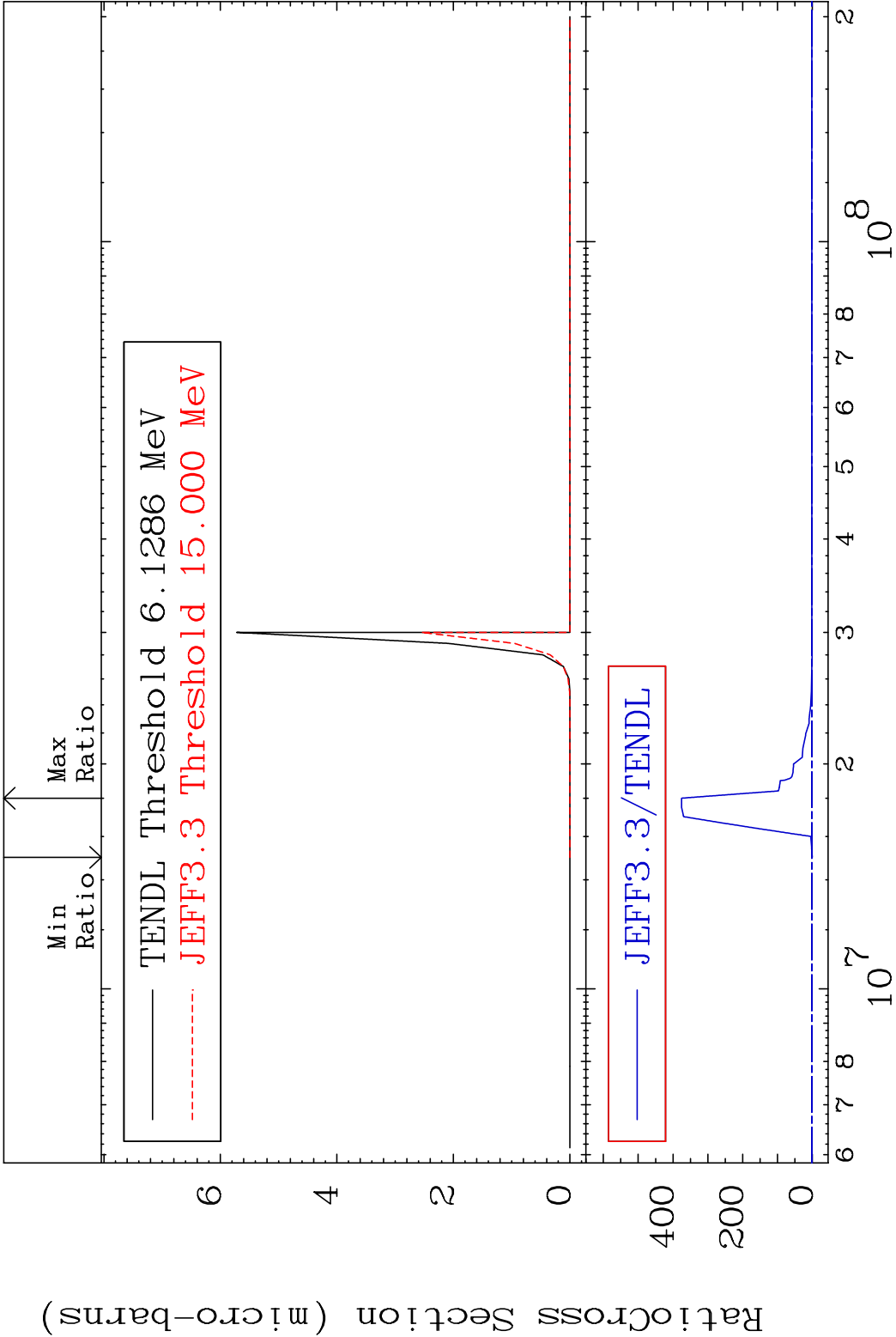


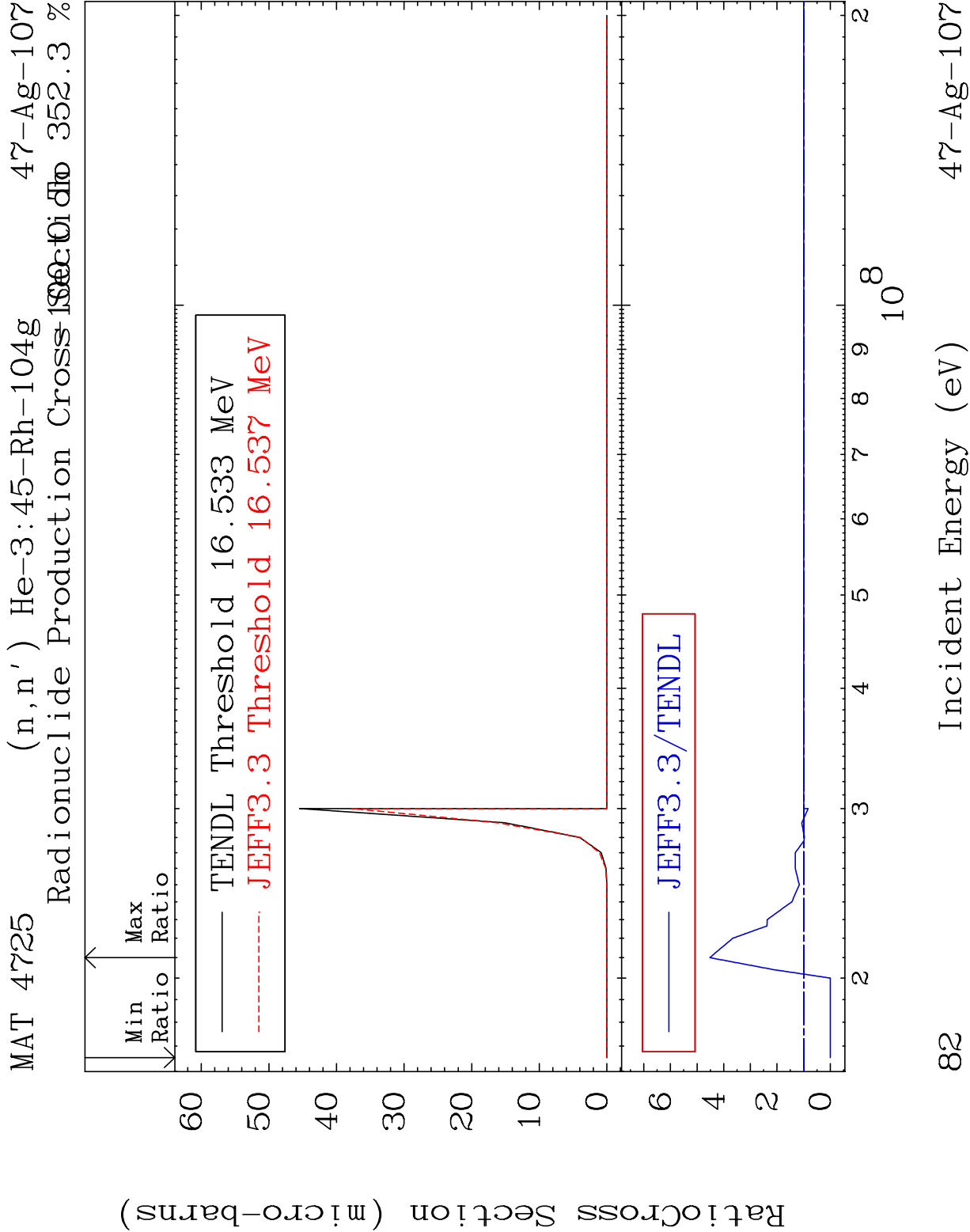












Radionuclide Production Cross Section (micro-barns)

