

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

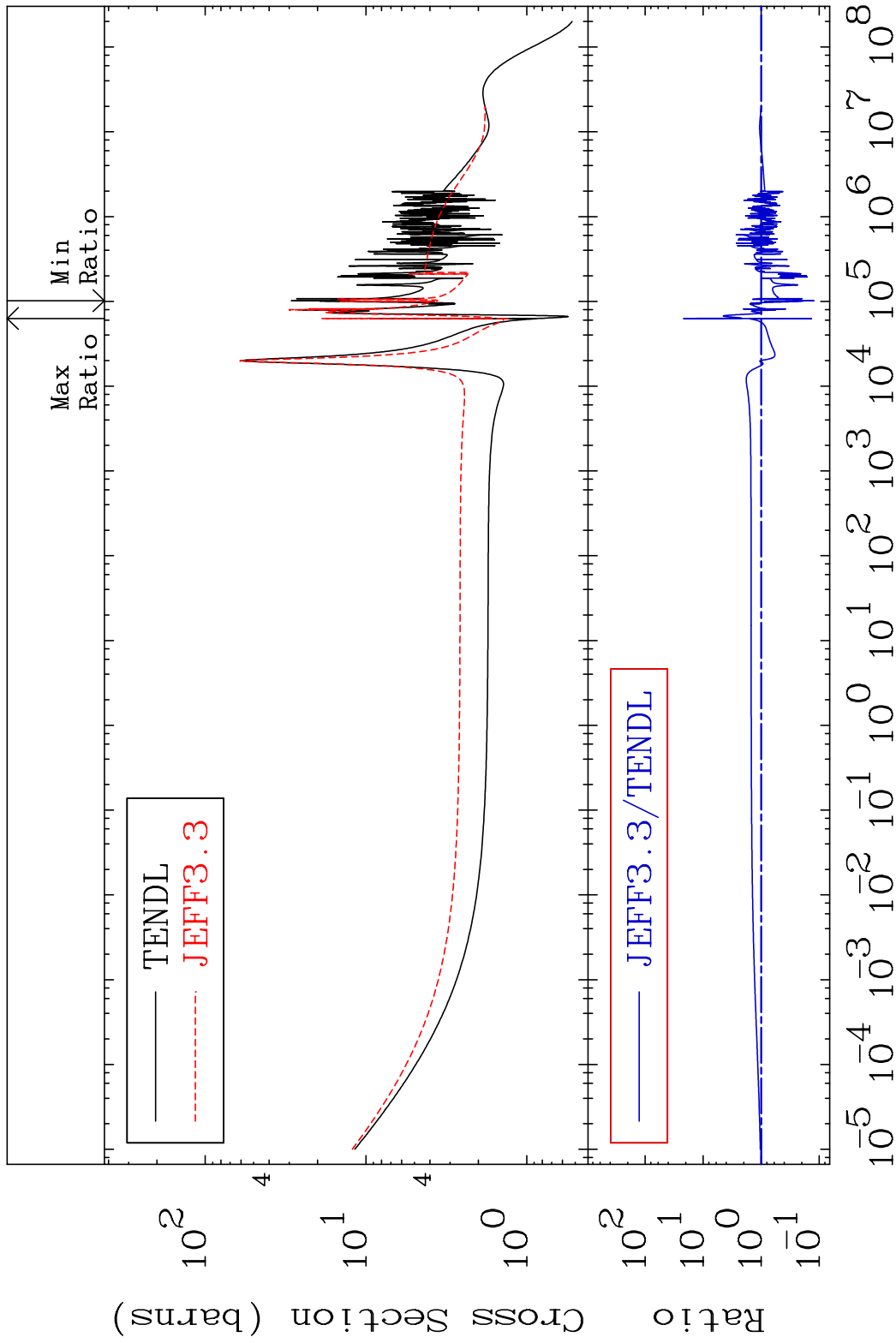
MAT 1228

Total

12-Mg-25

Cross Section

-87.63 To 2088. %



1

Incident Energy (eV)

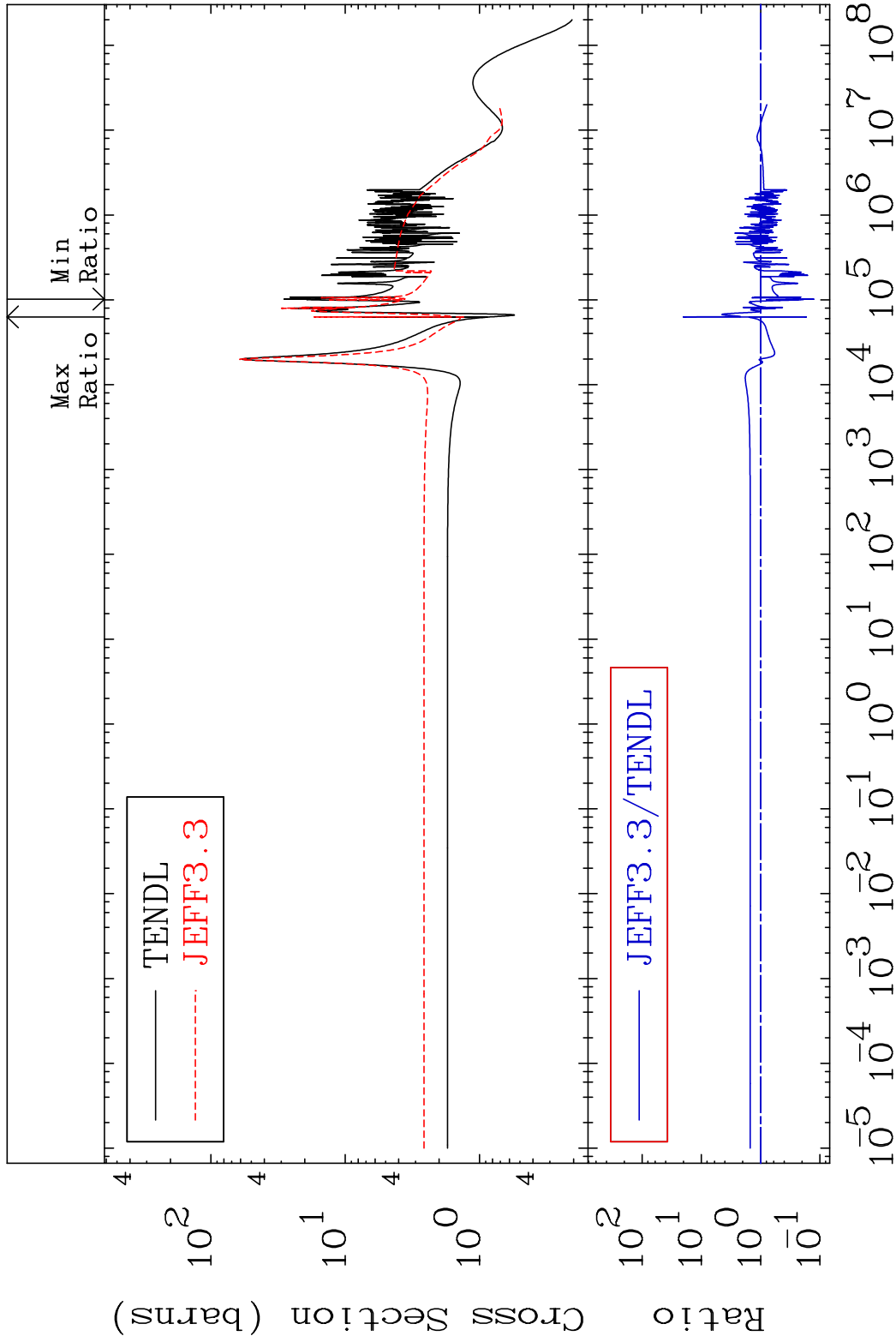
12-Mg-25

MAT 1228

Elastic

<sup>12</sup>Mg-25

Cross Section -87.39 To 1905. %

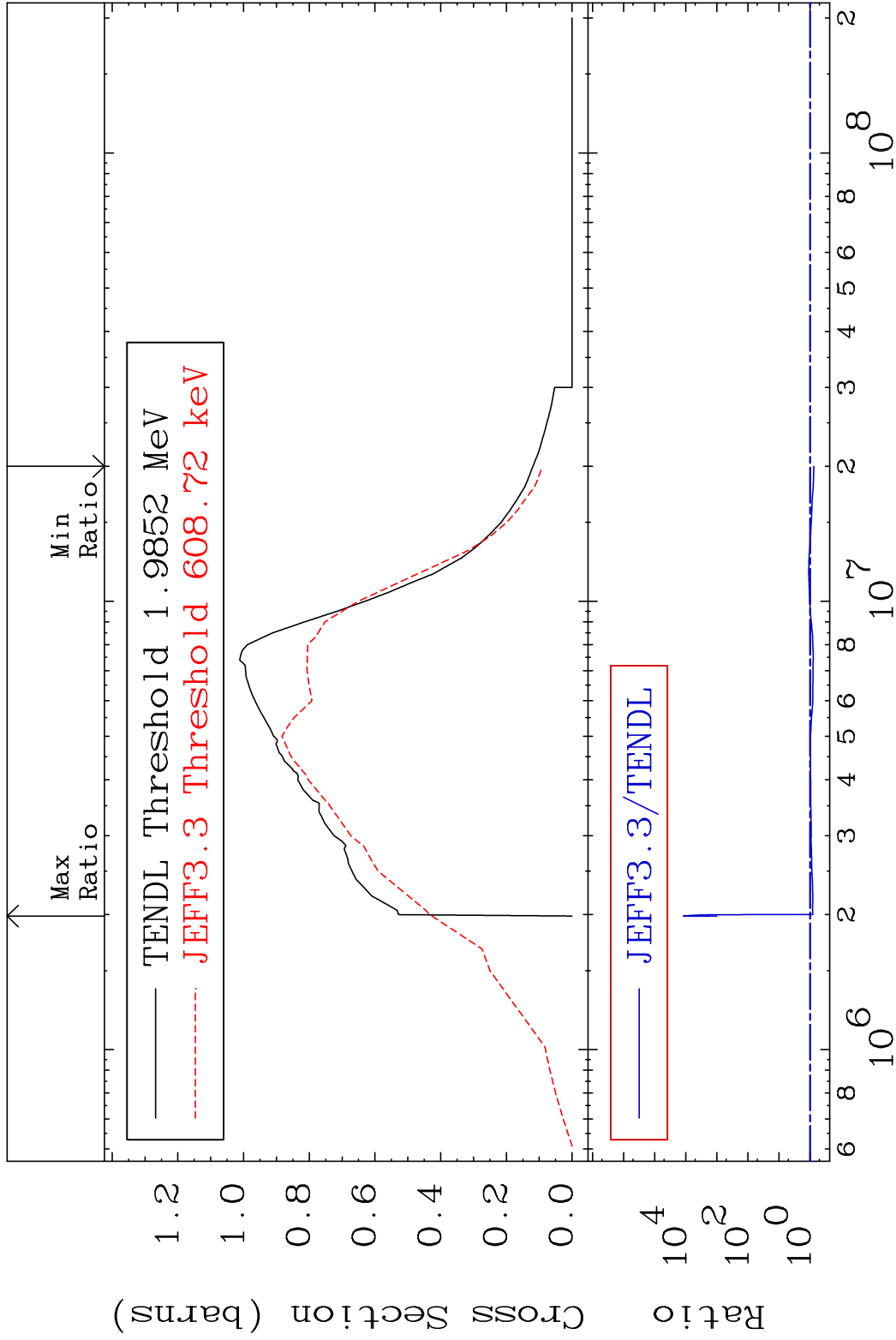


2

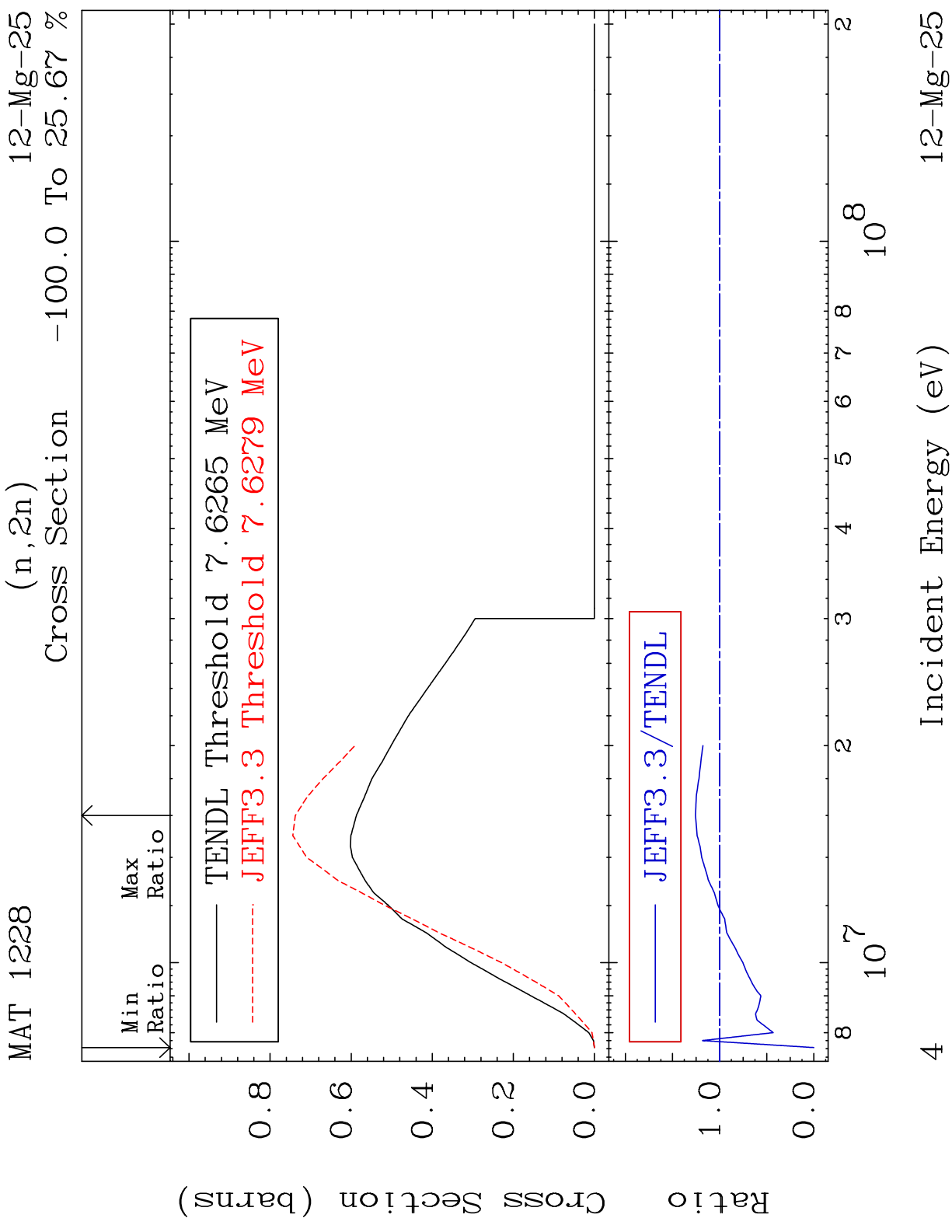
Incident Energy (eV)

<sup>12</sup>Mg-25

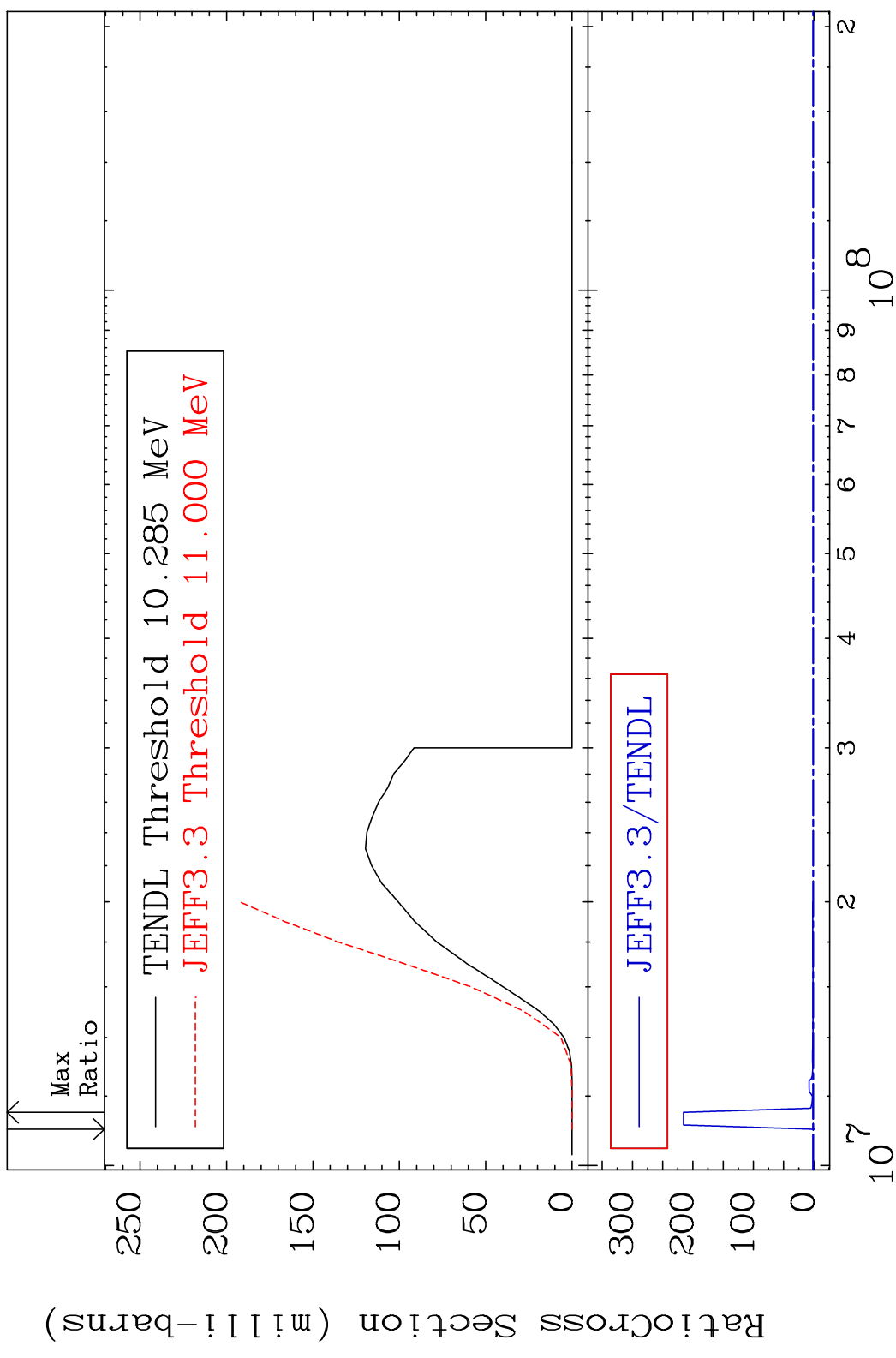
MAT 1228 Inelastic Cross Section -24.34 To 9999. % 12-Mg-25



3 Incident Energy (eV) 12-Mg-25



MAT 1228 (n, n')  $\alpha$  12-Mg-25  
 Cross Section -100.0 To 9999. %

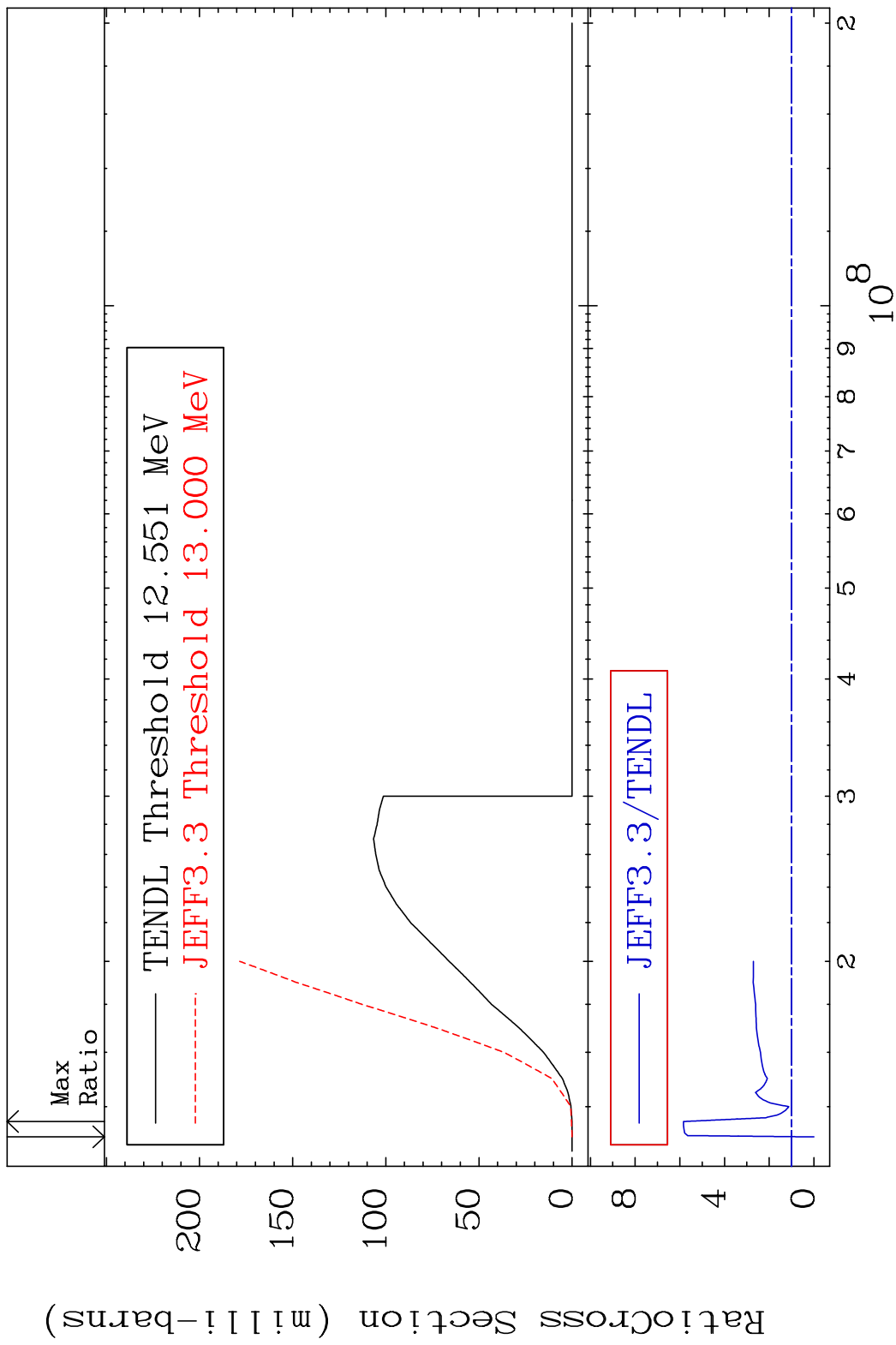


5 12-Mg-25

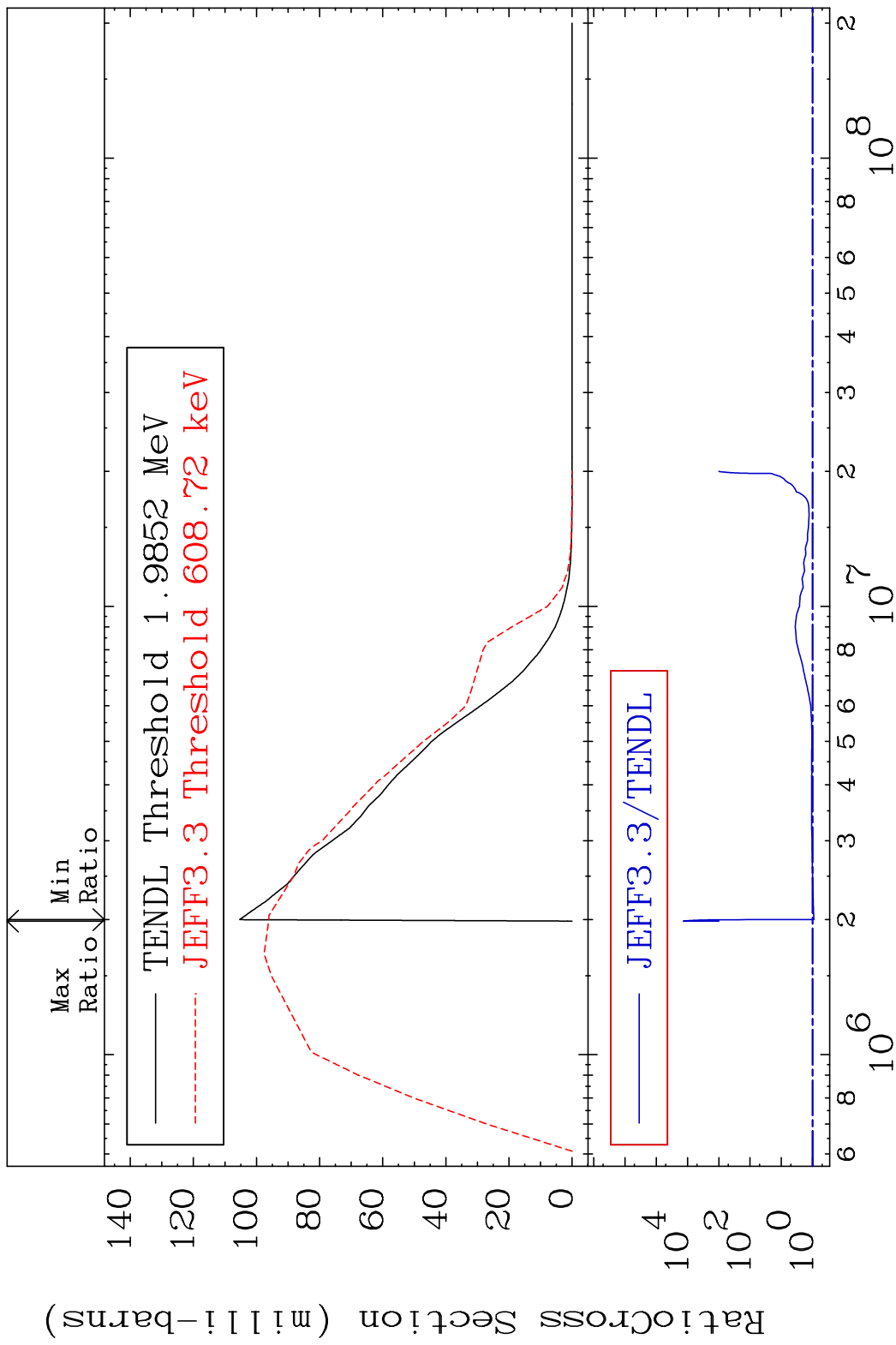
MAT 1228

(n, n') p  
Cross Section -100.0 To 483.7 %

12-Mg-25



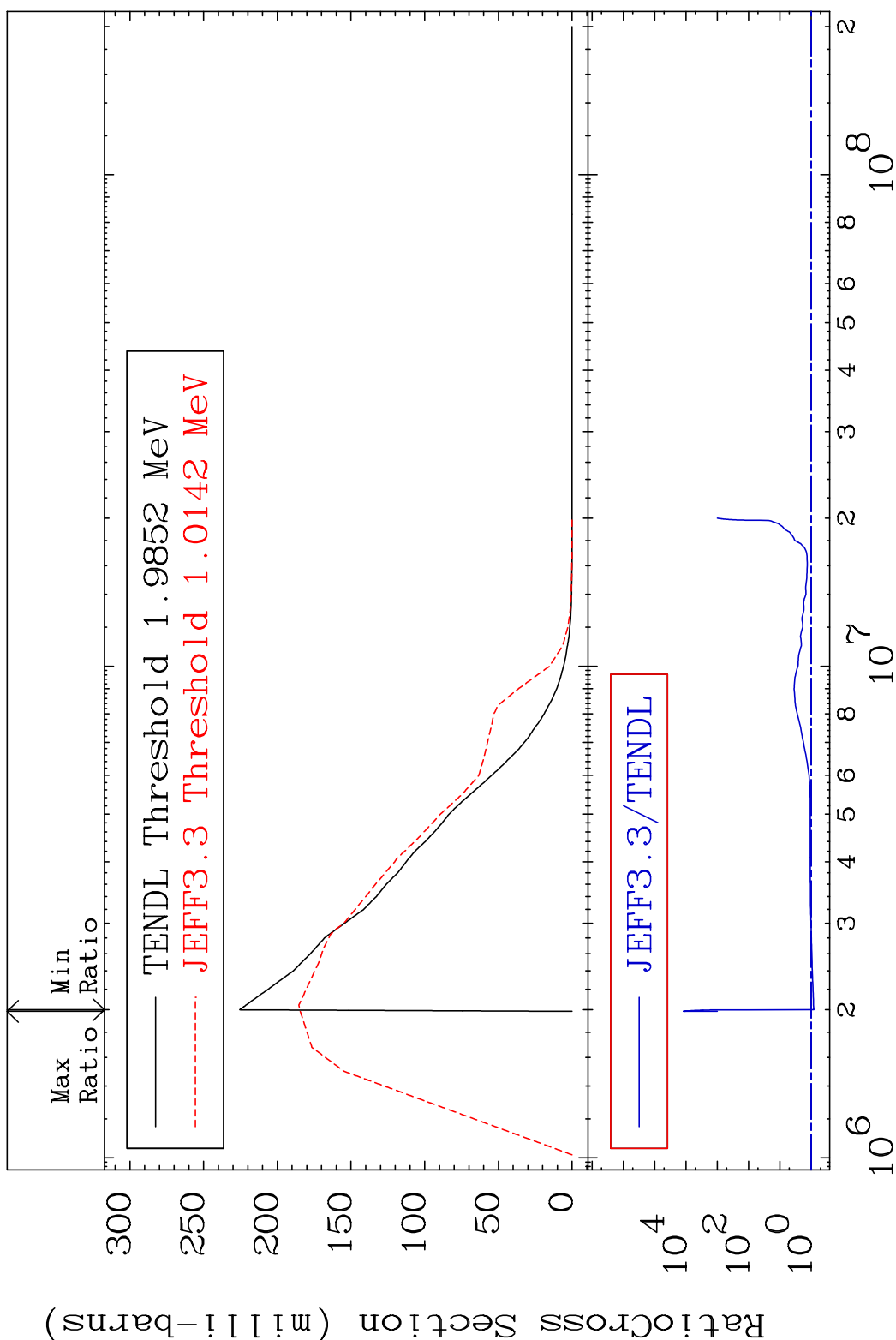
MAT 1228 MT= 51 (n, n') Level 12-Mg-25  
 Cross Section -8.792 To 9999. %



7 Incident Energy (eV) 12-Mg-25

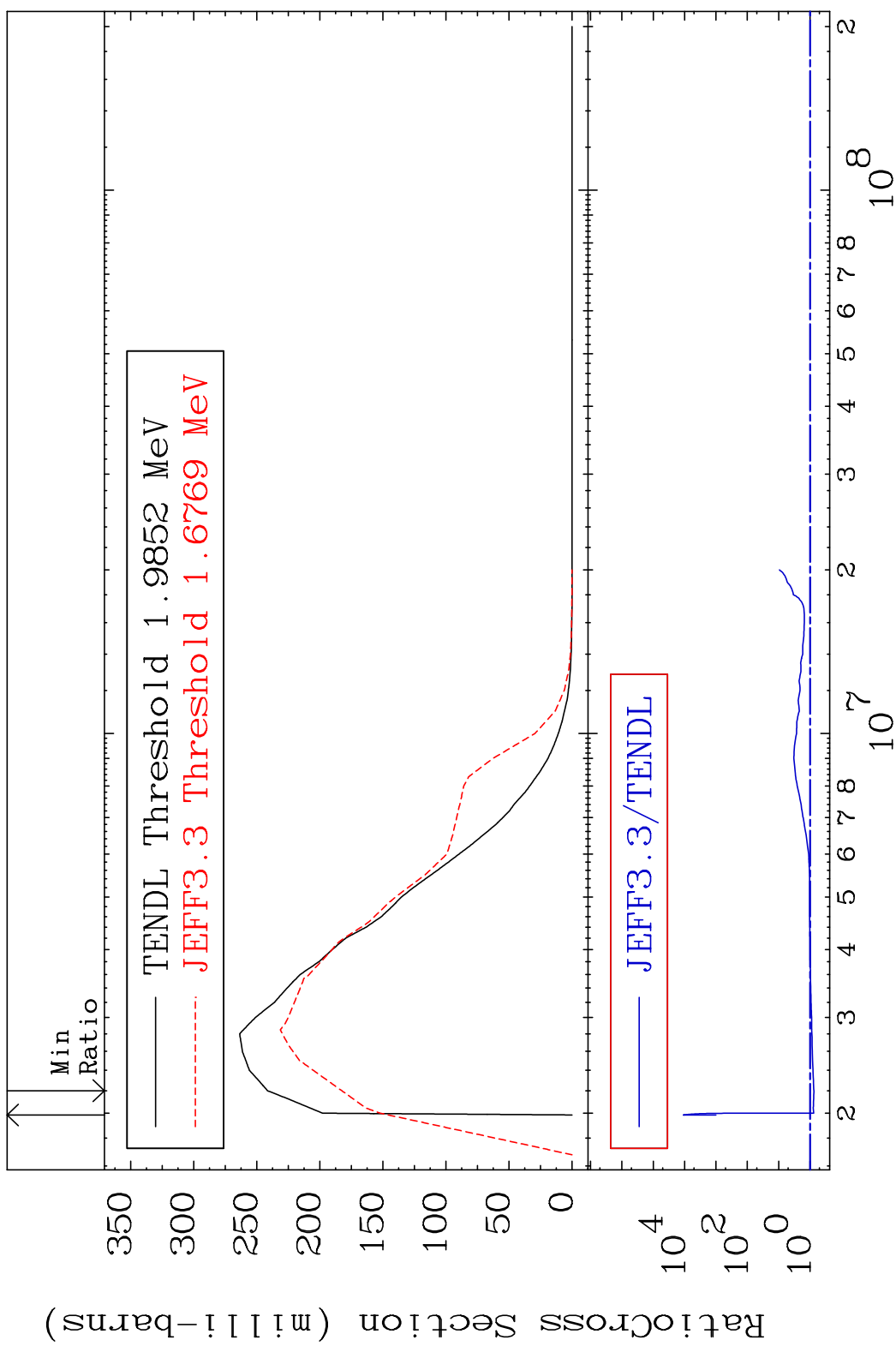


MAT 1228 MT= 52 (n, n') Level 12-Mg-25  
 Cross Section -18.06 To 9999. %

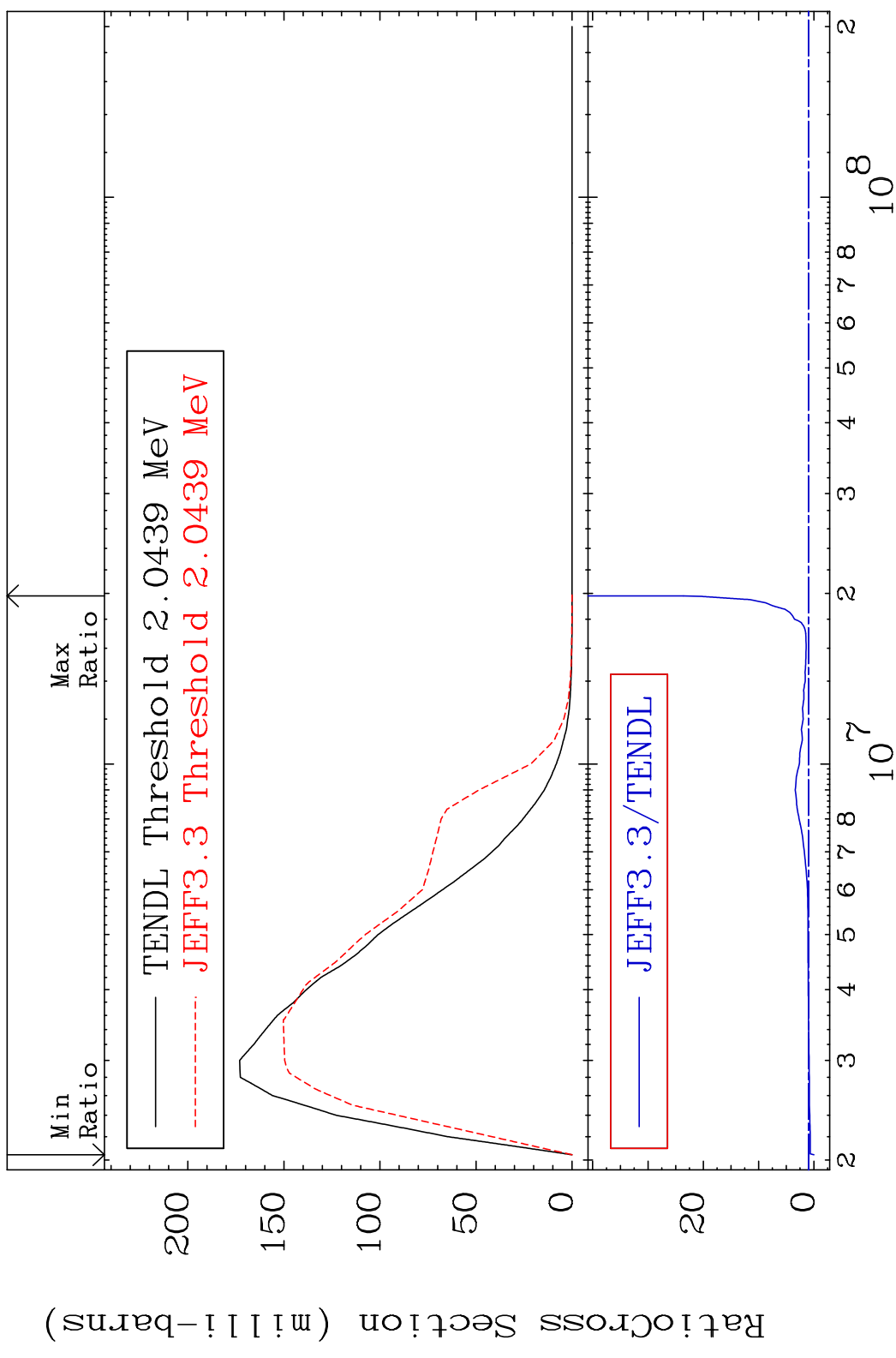


8 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 53 (n, n') Level 12-Mg-25  
 Cross Section -24.40 To 9999. %

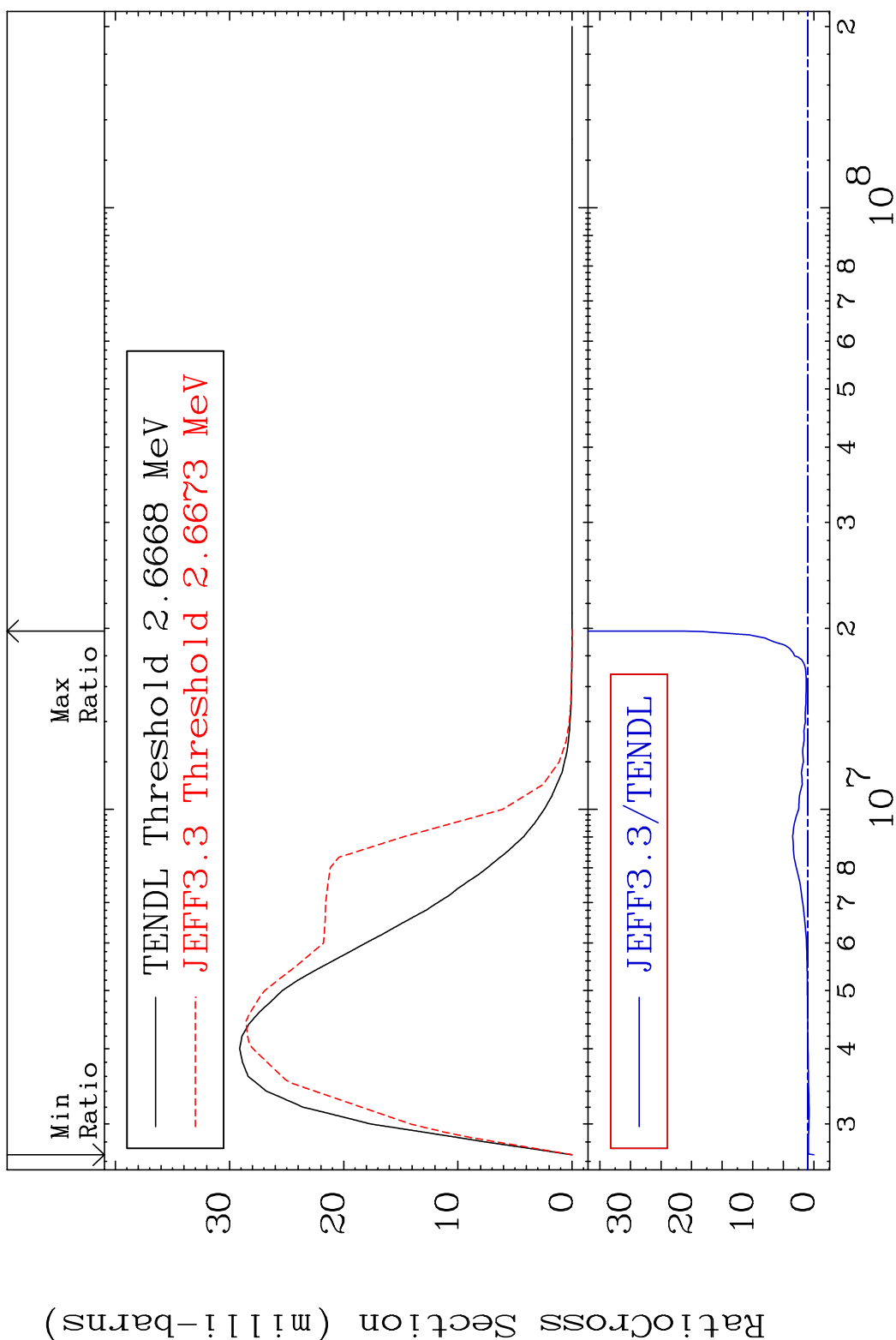


MAT 1228 MT= 54 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 2259. %



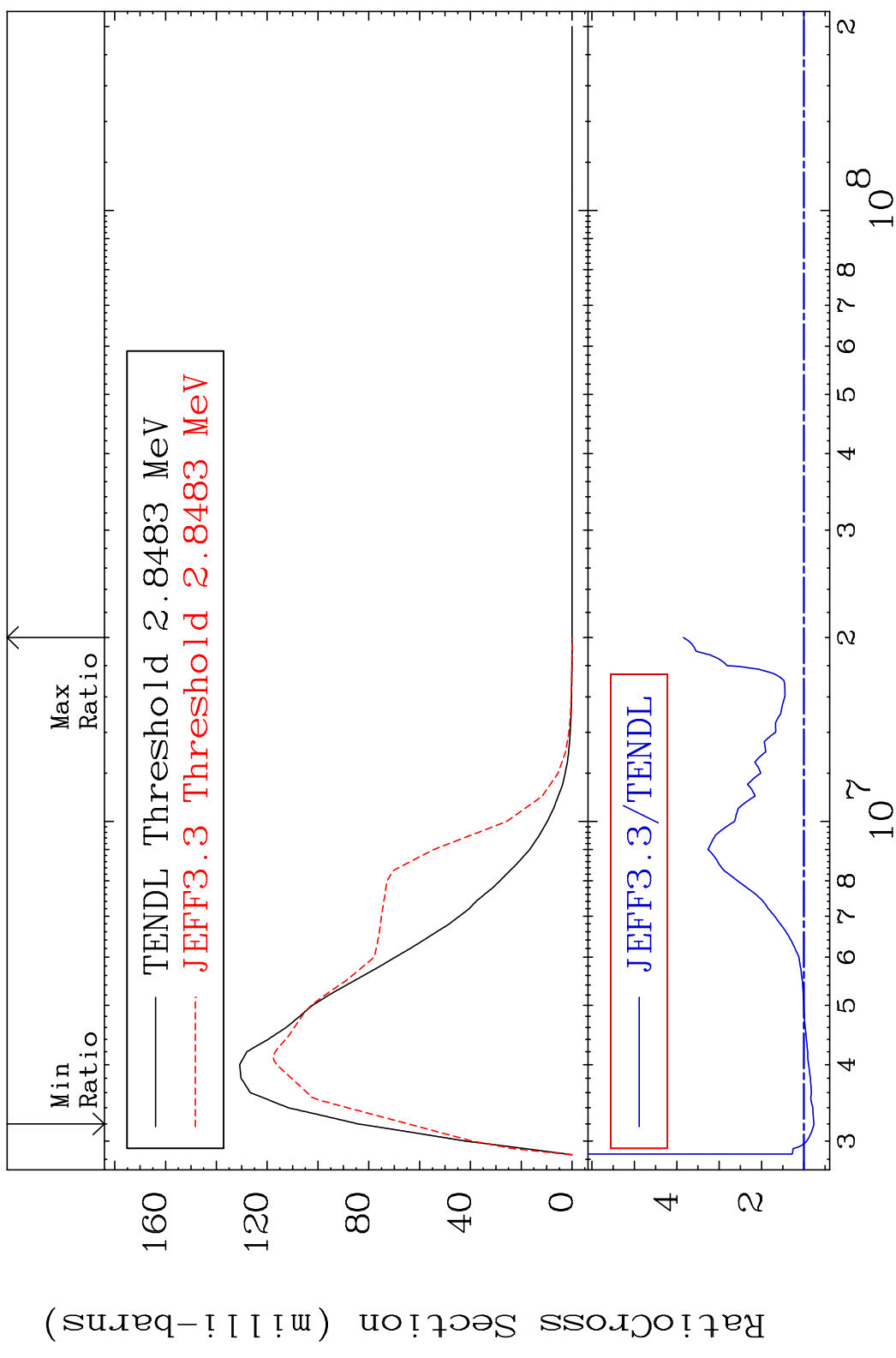
10 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 55 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 2033. %



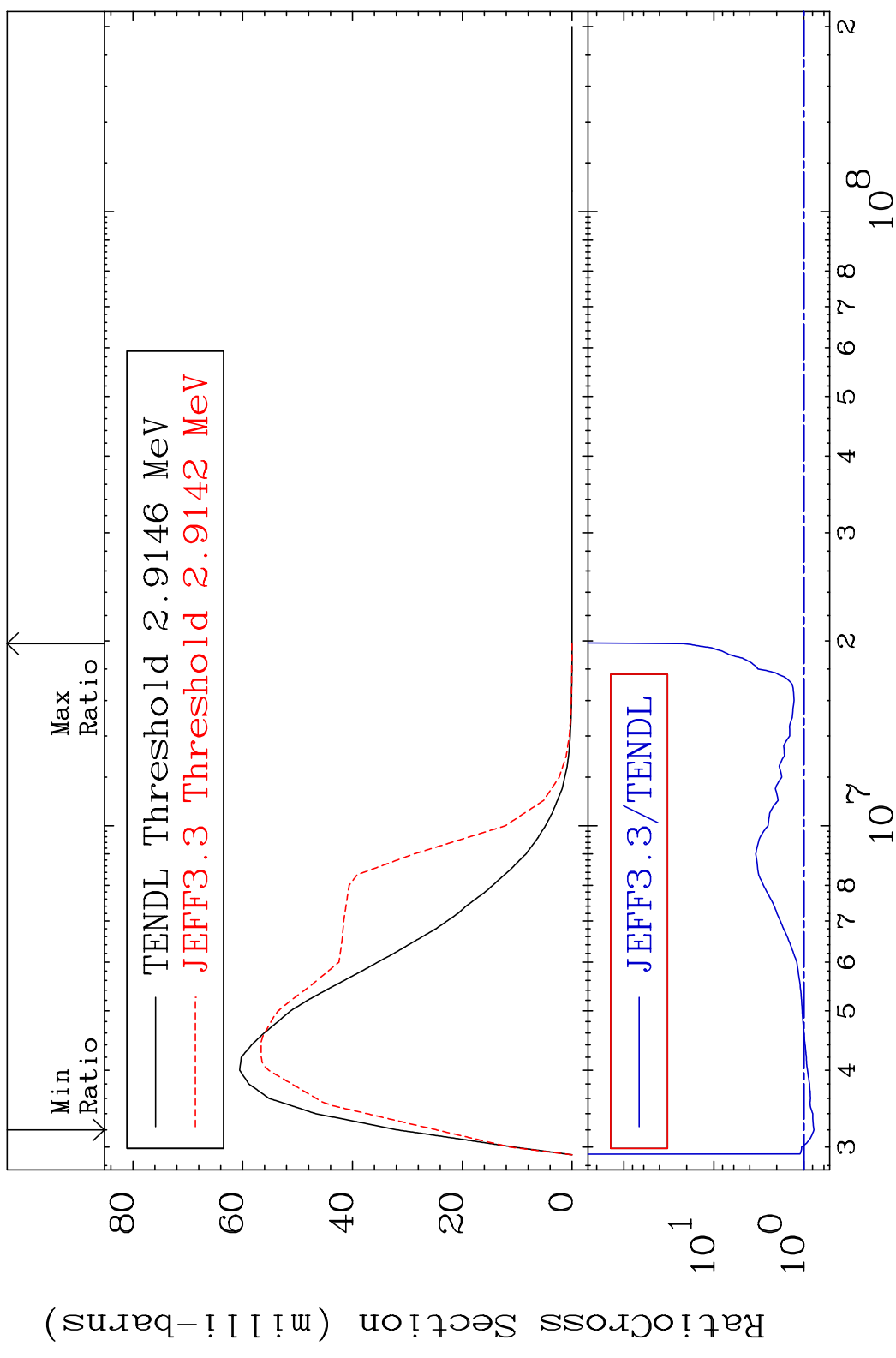
11 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 56 (n, n') Level 12-Mg-25  
 Cross Section -23.42 To 284.2 %



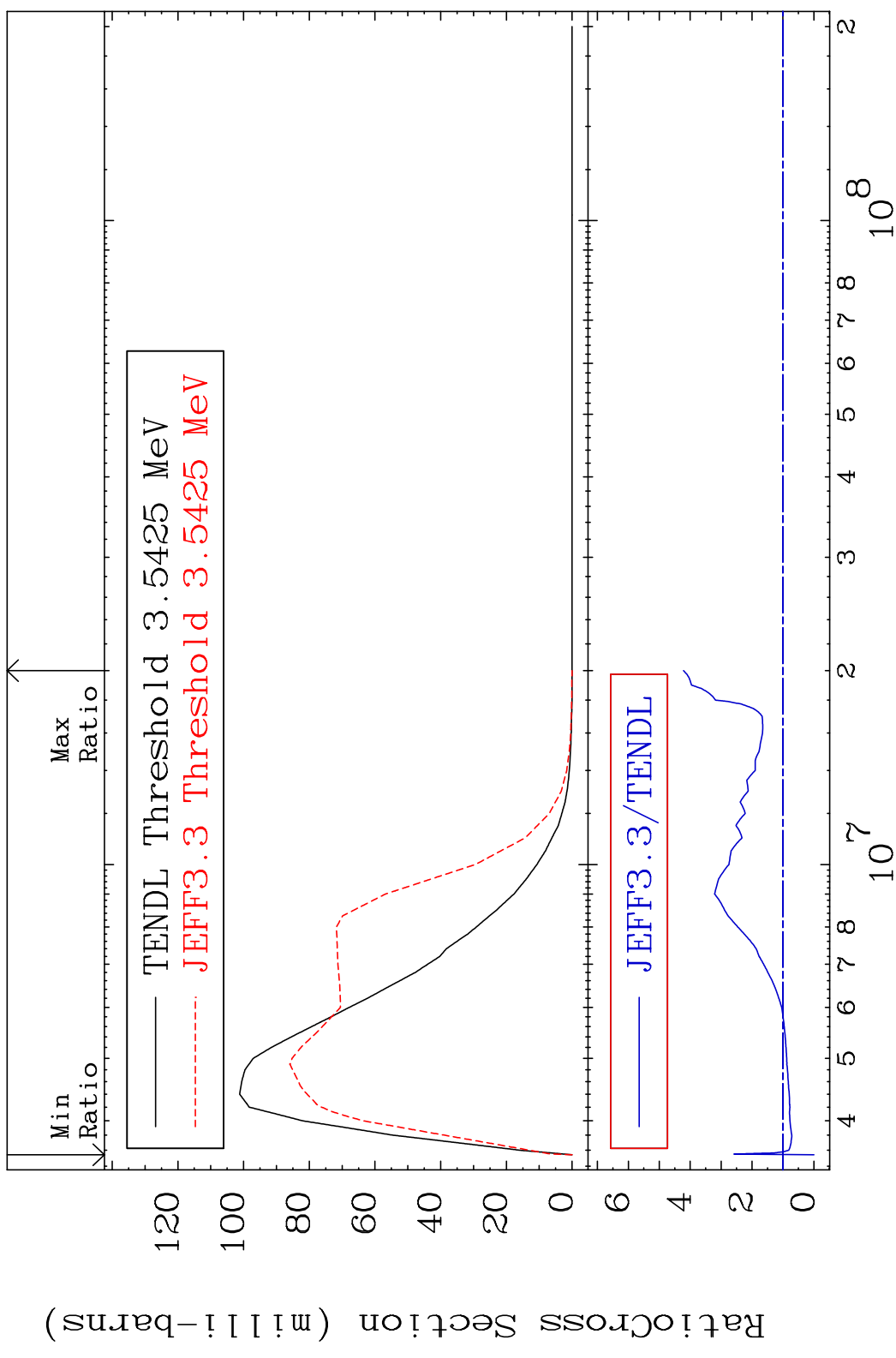
12 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 57 (n, n') Level 12-Mg-25  
 Cross Section -22.47 To 2075. %



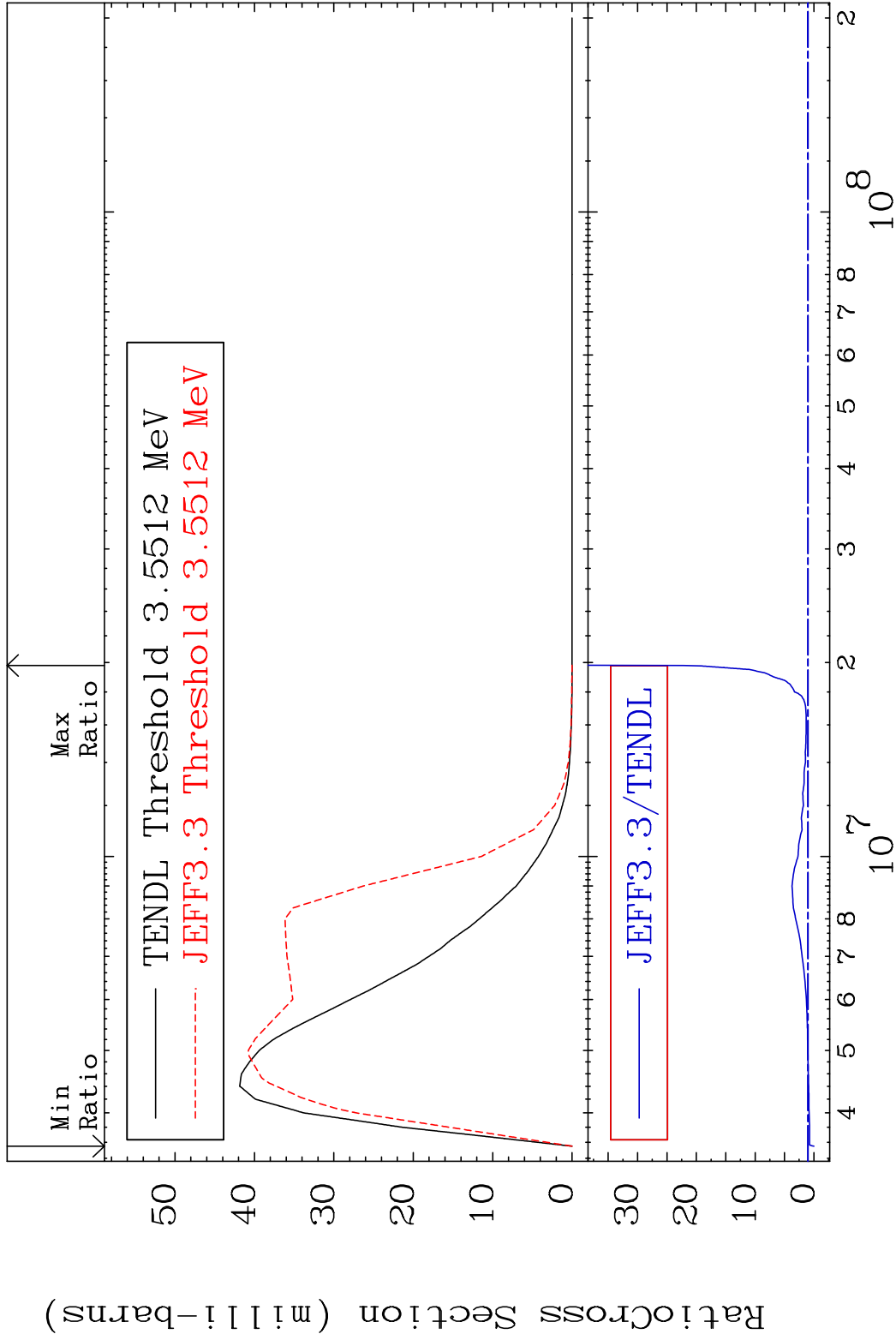
13 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 58 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 321.8 %



14 Incident Energy (eV) 12-Mg-25

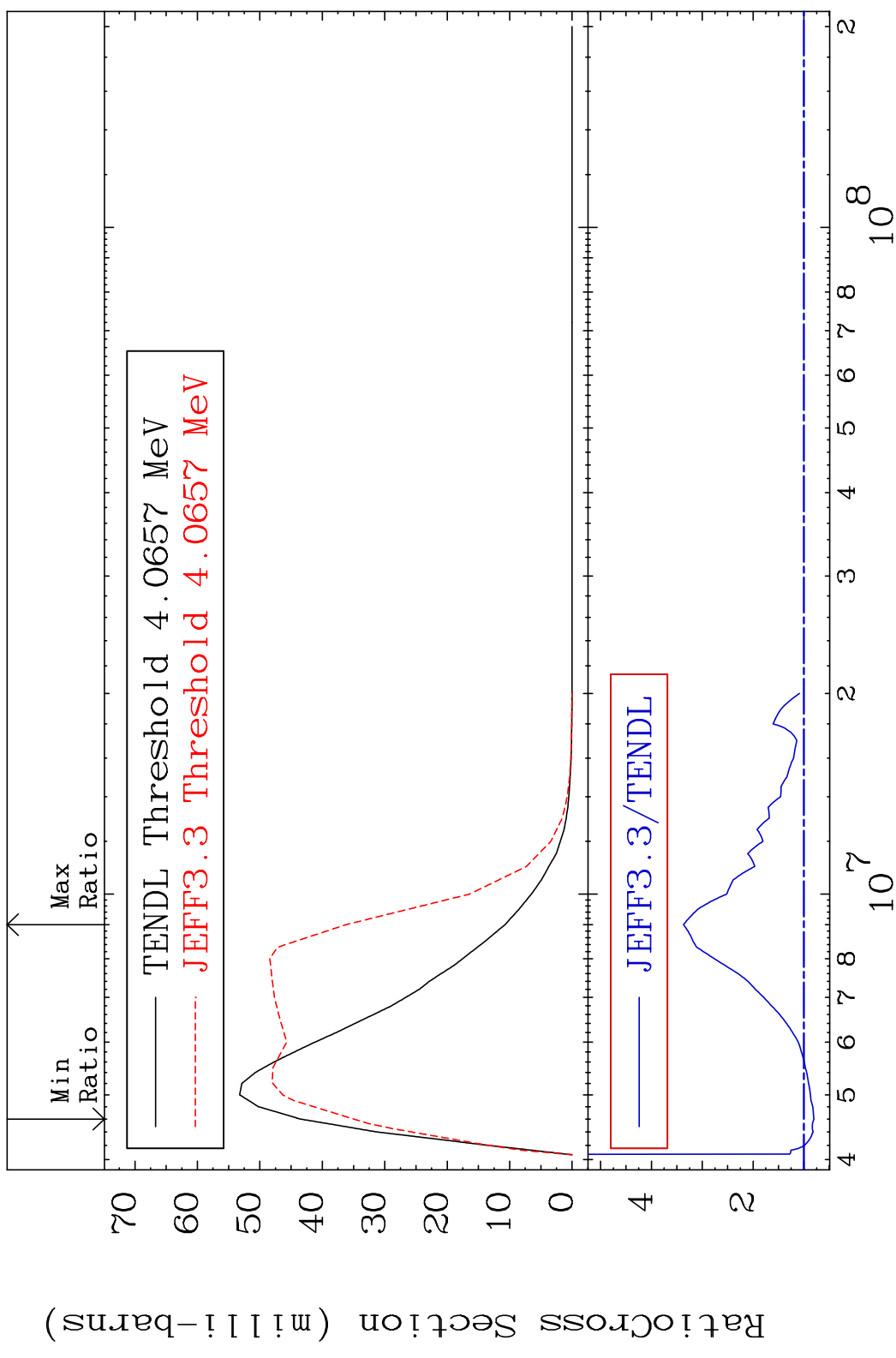
MAT 1228 MT= 59 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 2119. %



15 Incident Energy (eV) 12-Mg-25

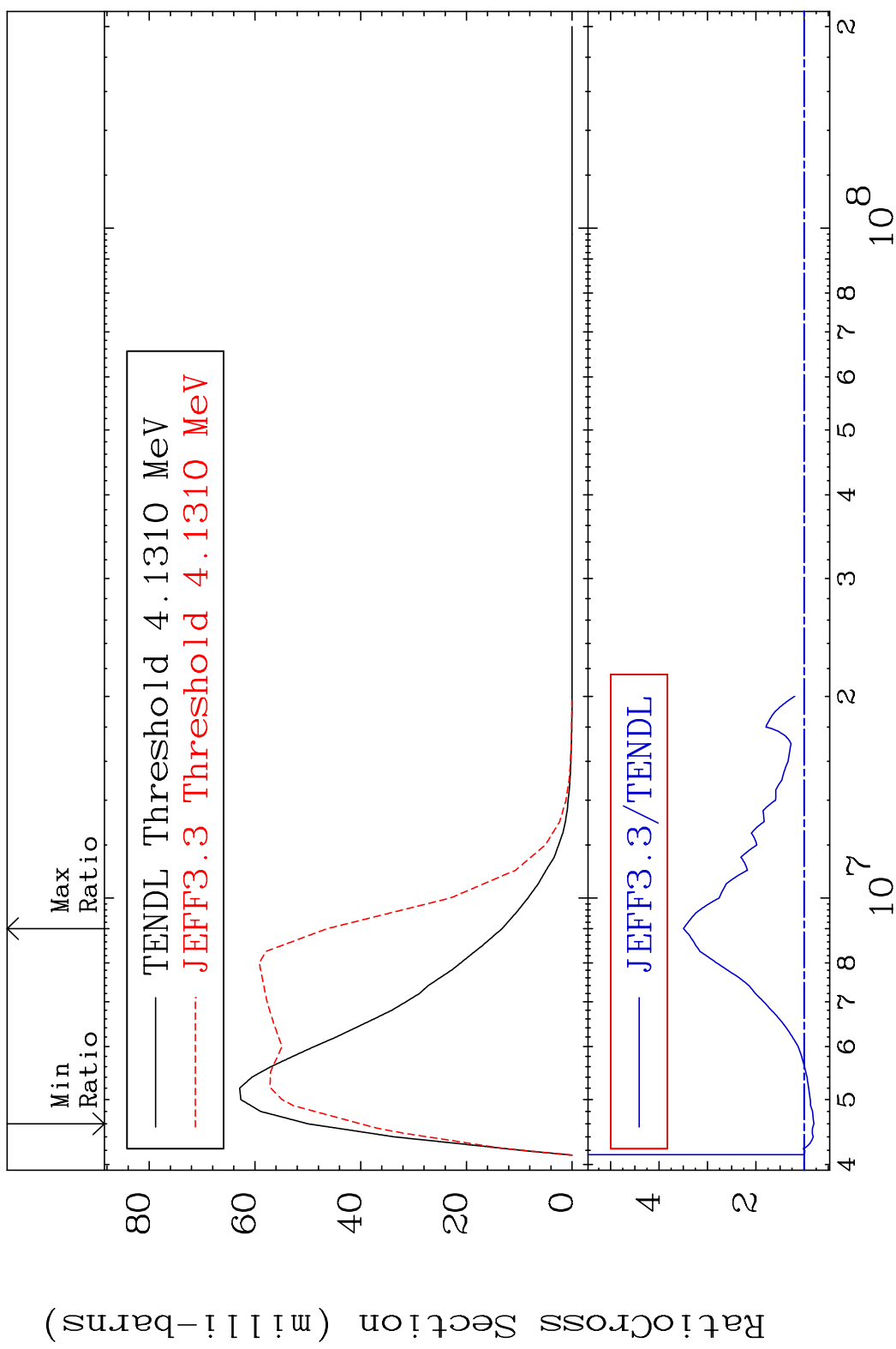


MAT 1228 MT= 60 (n, n') Level 12-Mg-25  
 Cross Section -19.68 To 237.0 %



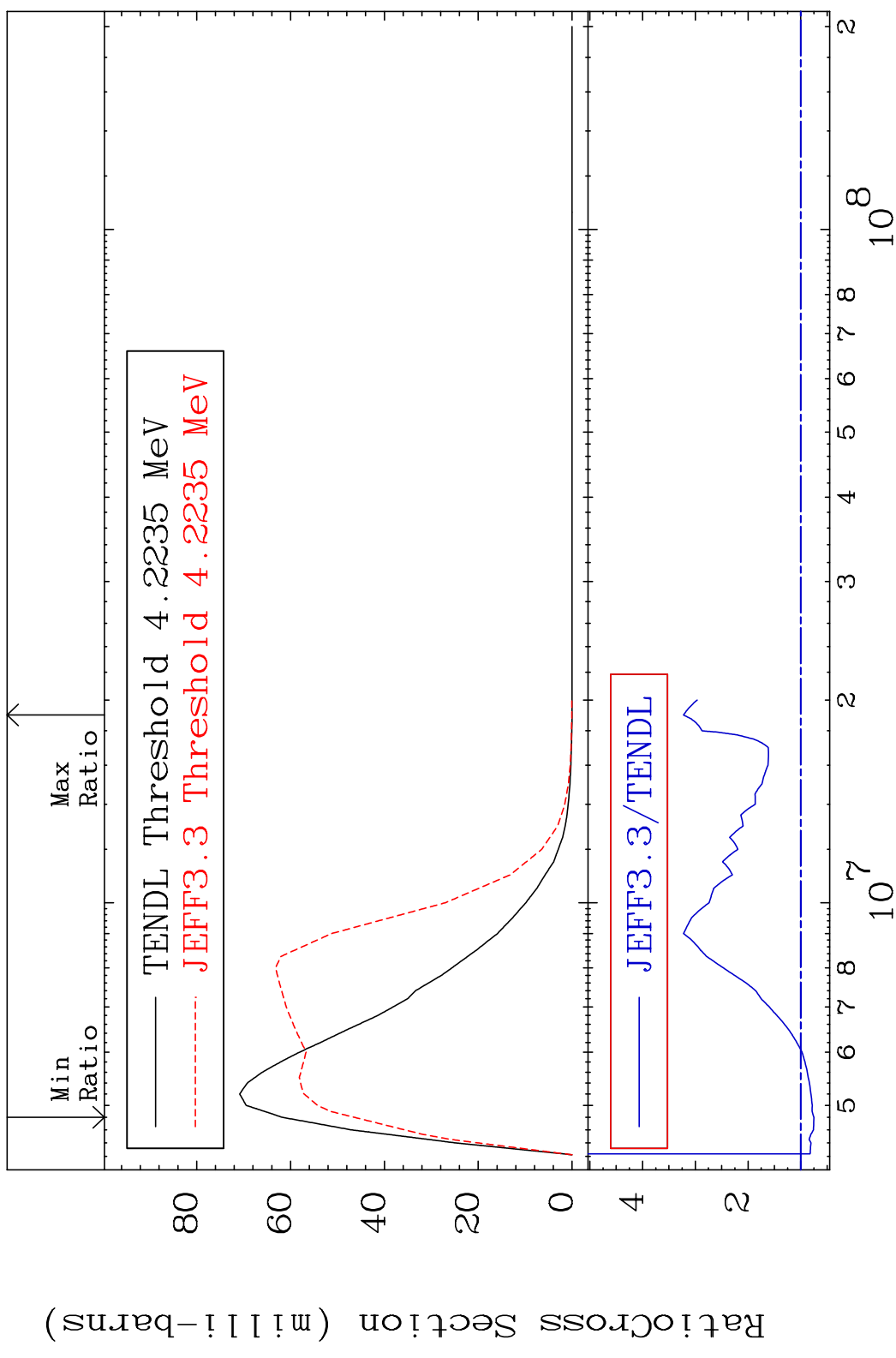
16 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 61 (n, n') Level 12-Mg-25  
 Cross Section -20.01 To 249.6 %



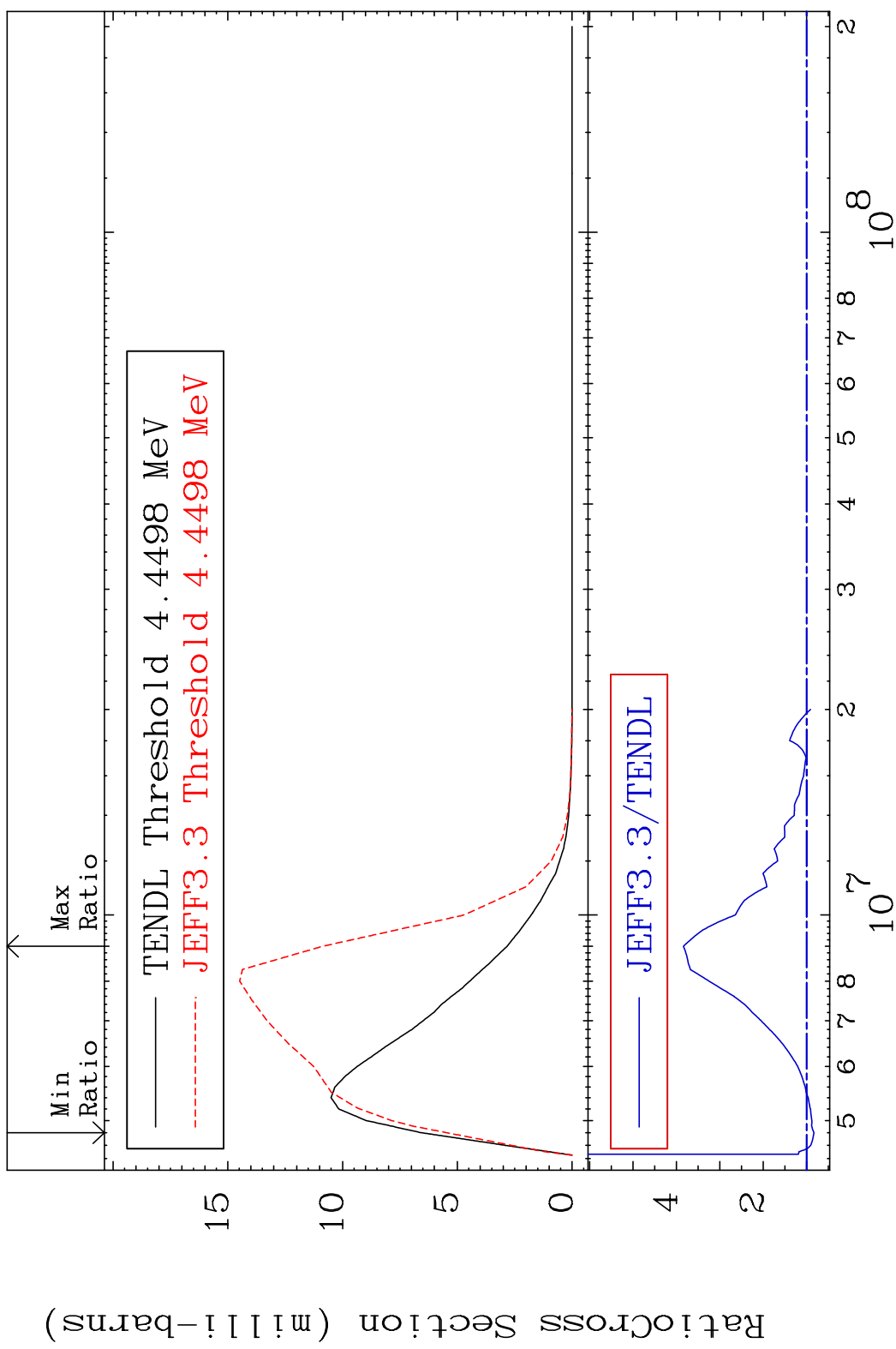
17 12-Mg-25

MAT 1228 MT= 62 (n, n') Level 12-Mg-25  
 Cross Section -24.88 To 222.5 %



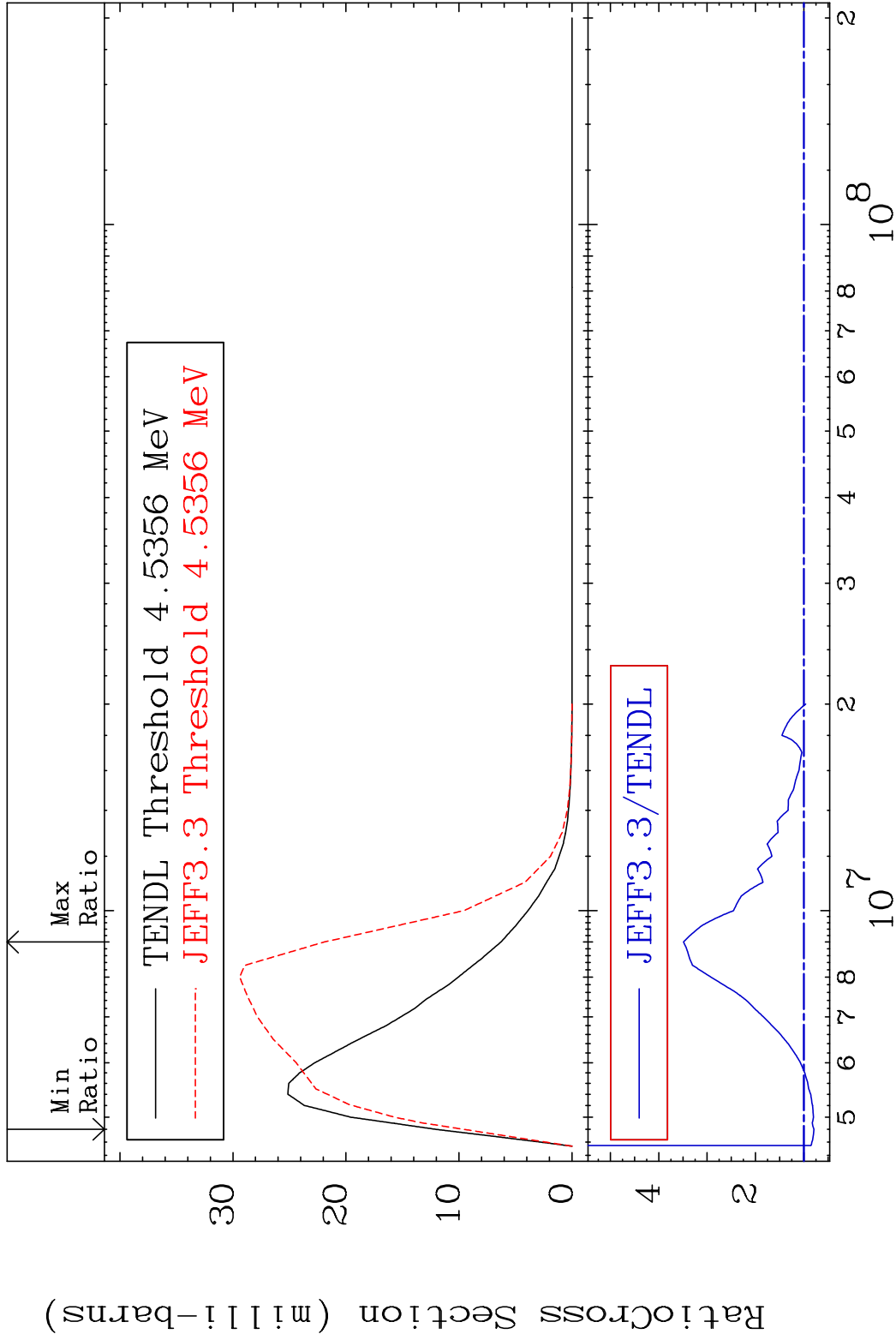
18 12-Mg-25

MAT 1228 MT= 63 (n, n') Level 12-Mg-25  
 Cross Section -16.96 To 283.8 %



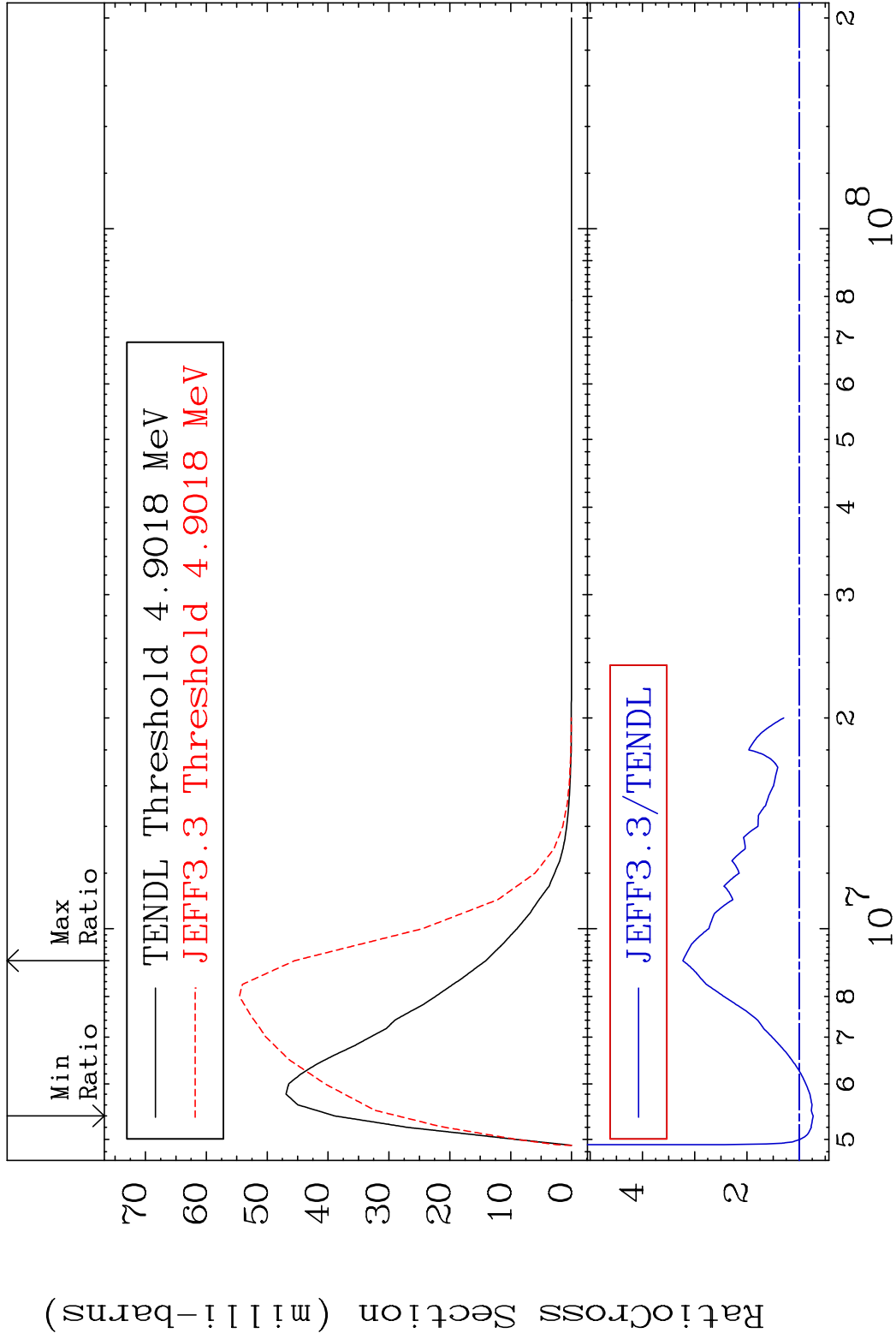
19 12-Mg-25

MAT 1228 MT= 64 (n, n') Level 12-Mg-25  
 Cross Section -20.49 To 248.9 %



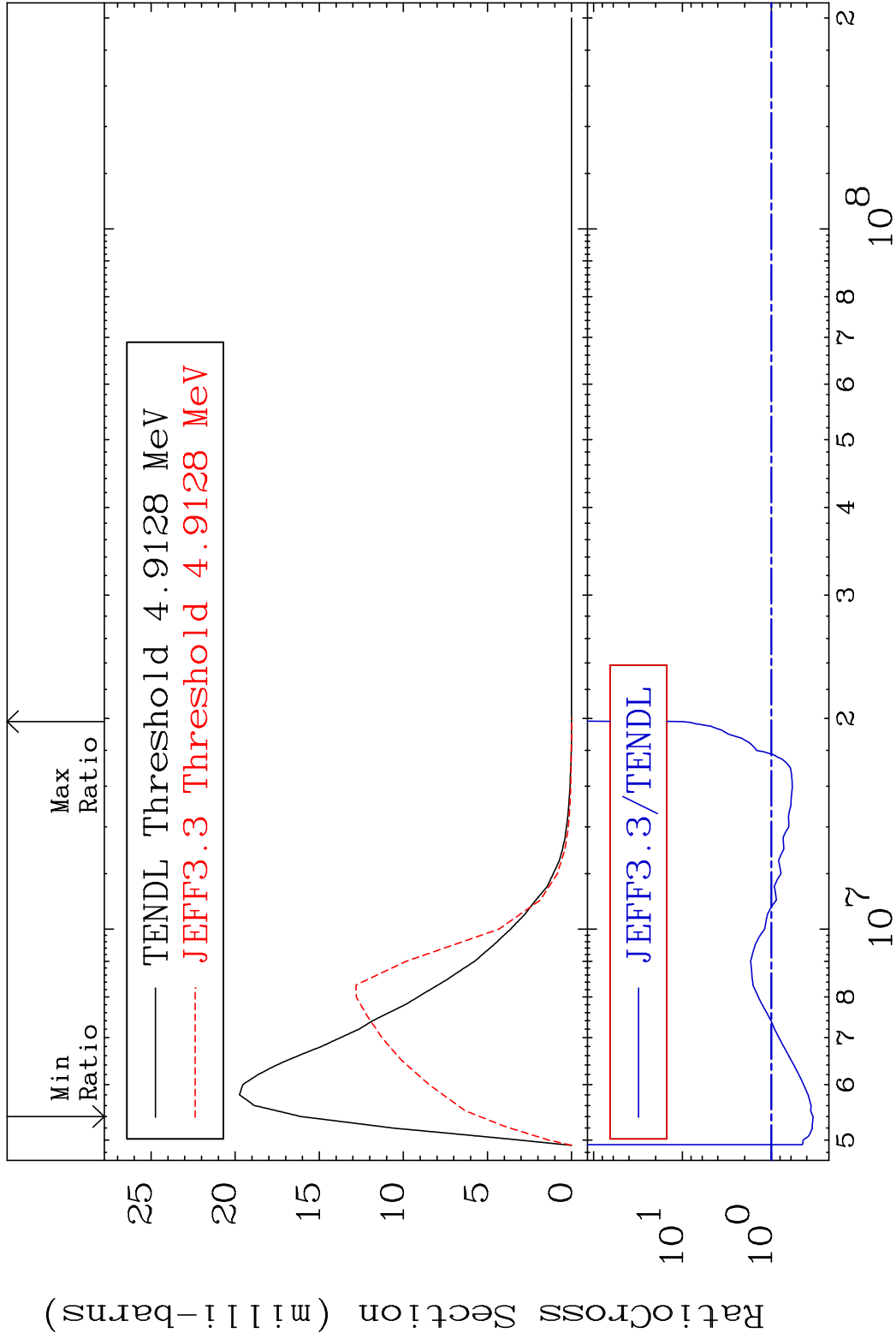
20 Incident Energy (eV) 12-Mg-25

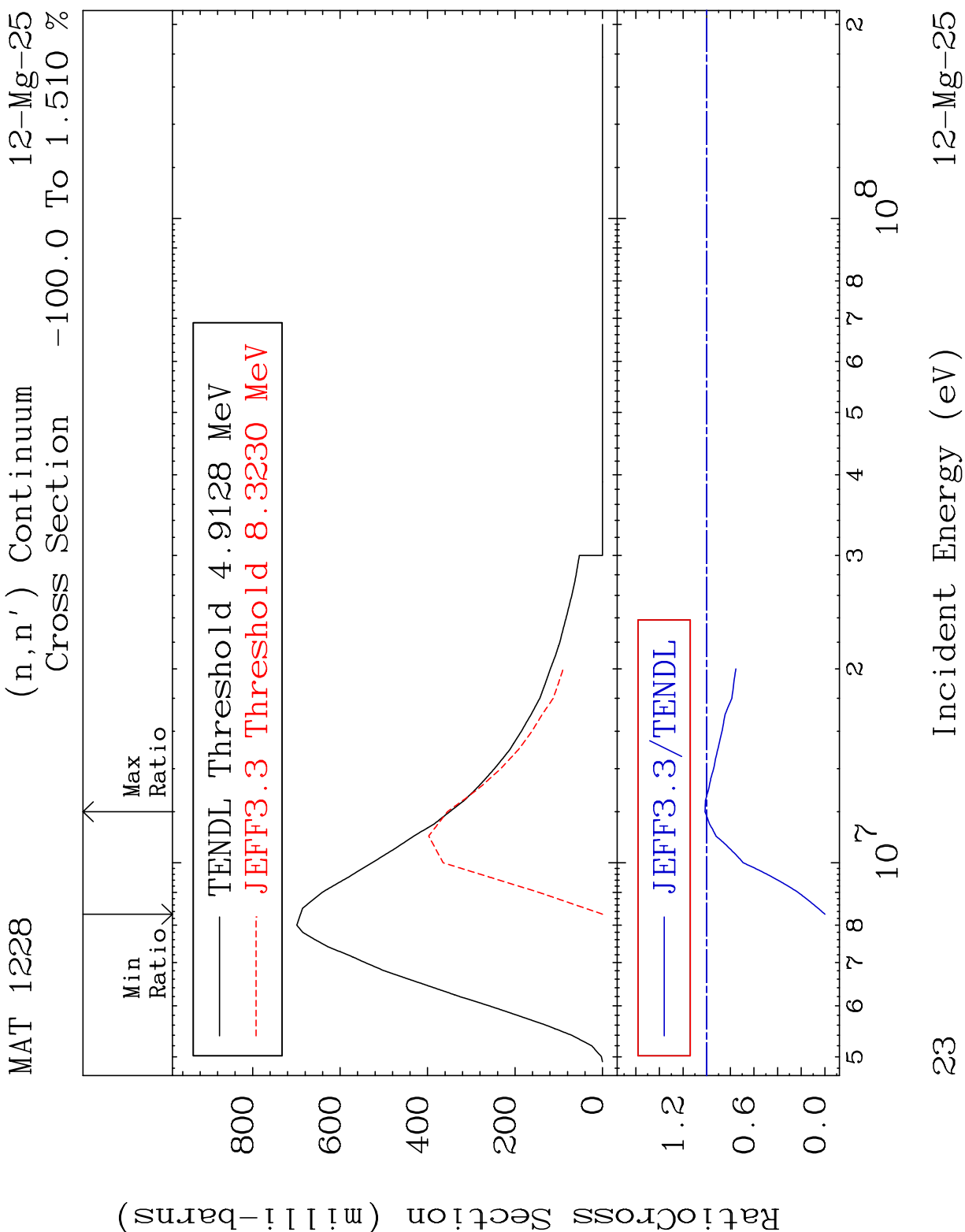
MAT 1228 MT= 65 (n, n') Level 12-Mg-25  
 Cross Section -26.54 To 222.9 %



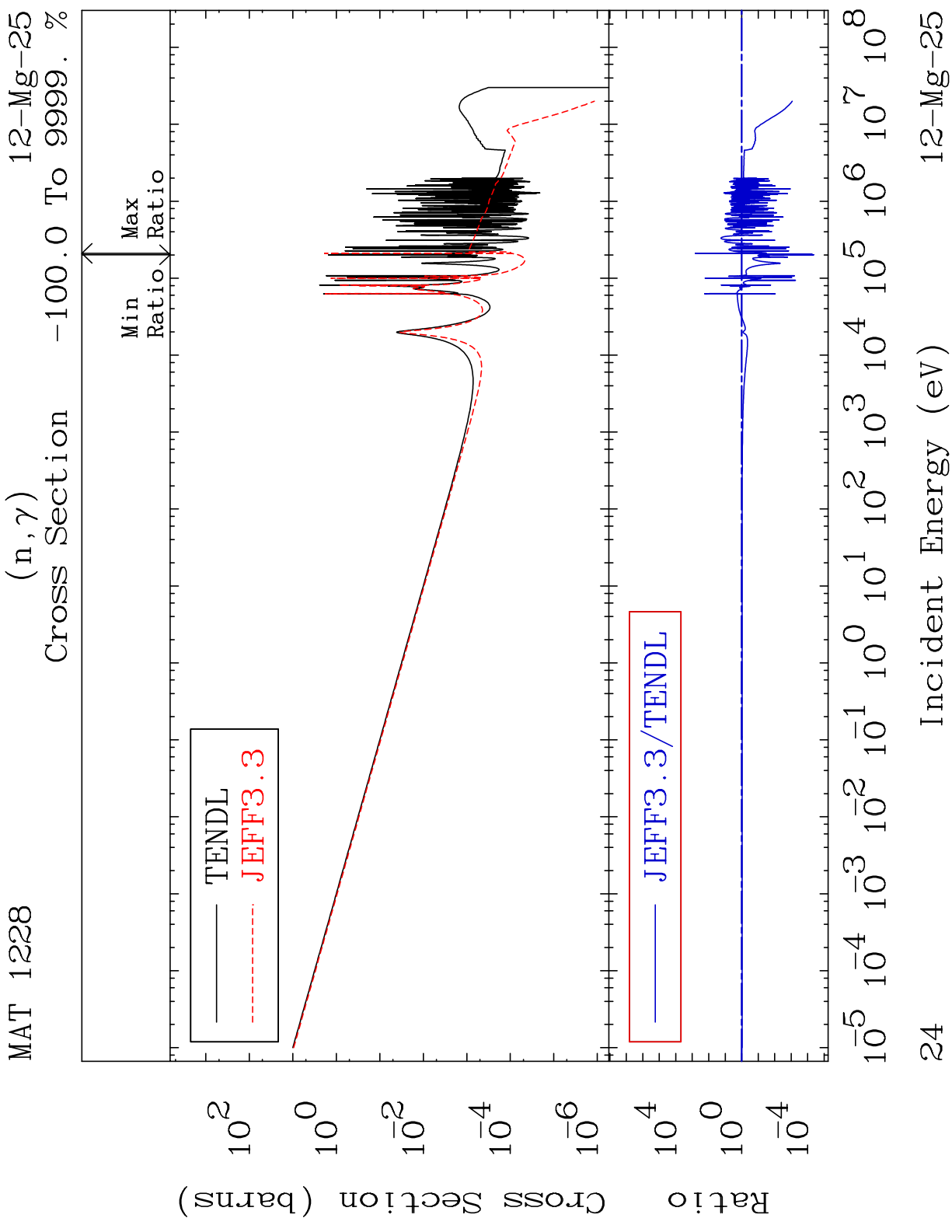
21 12-Mg-25

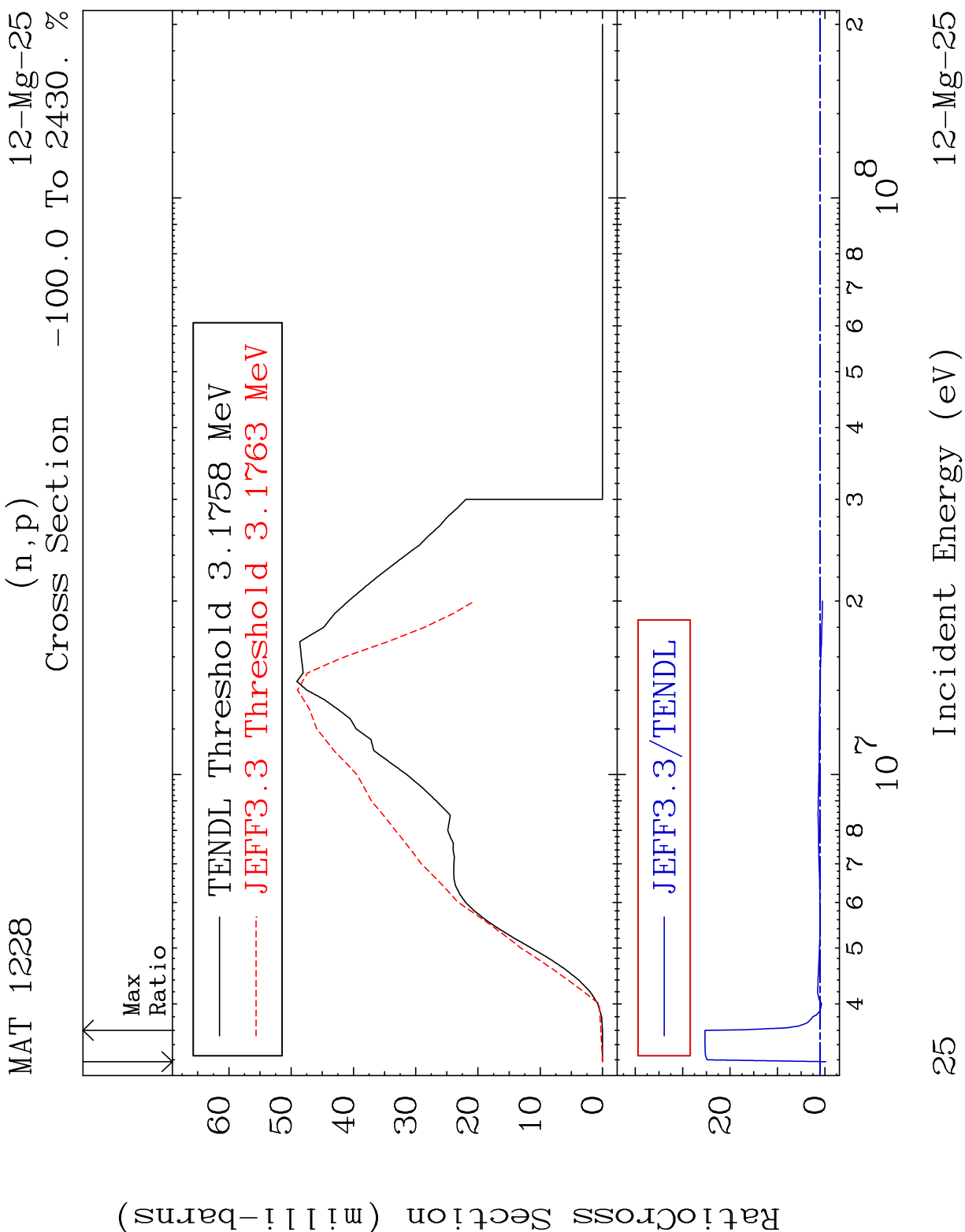
MAT 1228 MT= 66 (n, n') Level 12-Mg-25  
 Cross Section -66.09 To 891.6 %

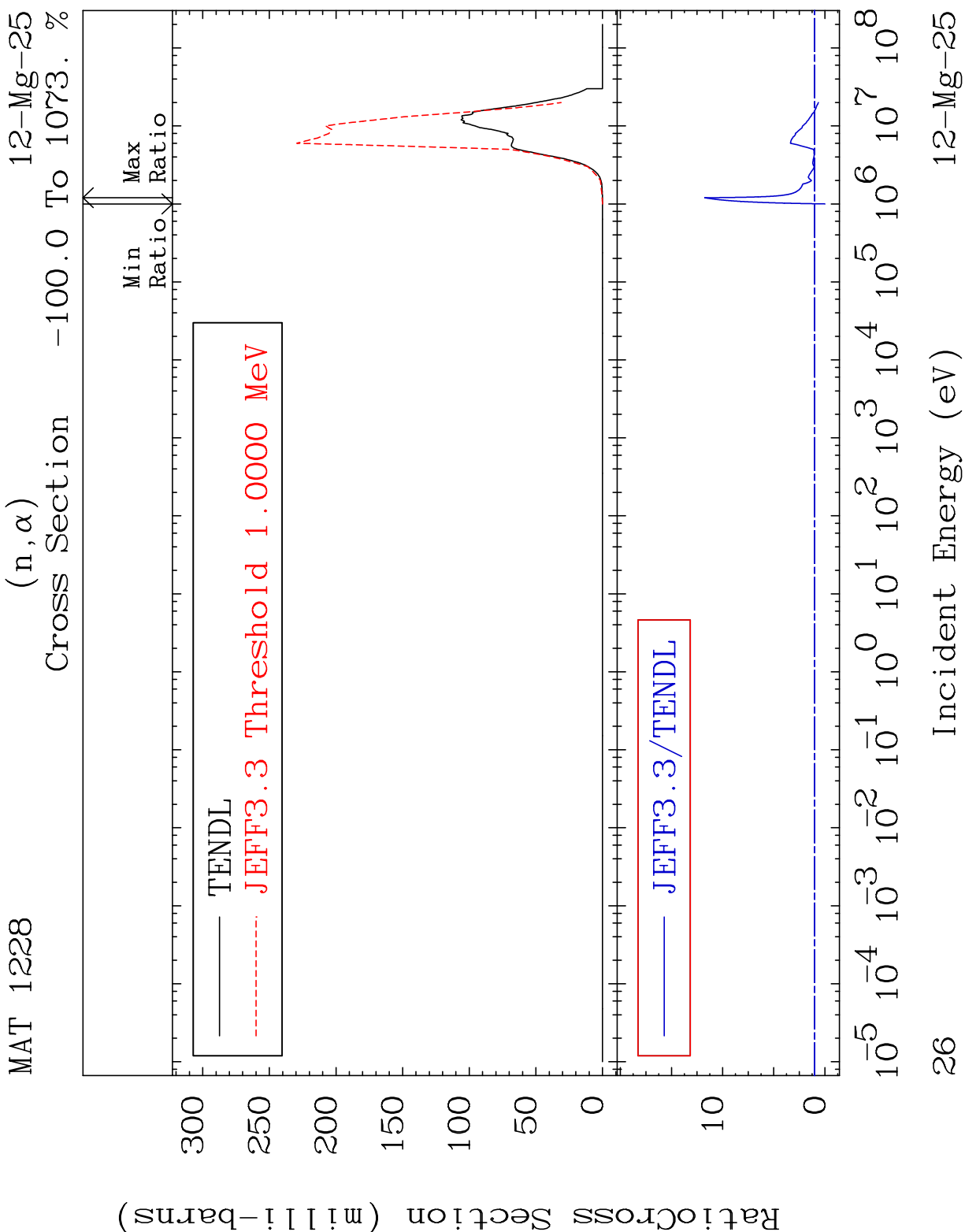




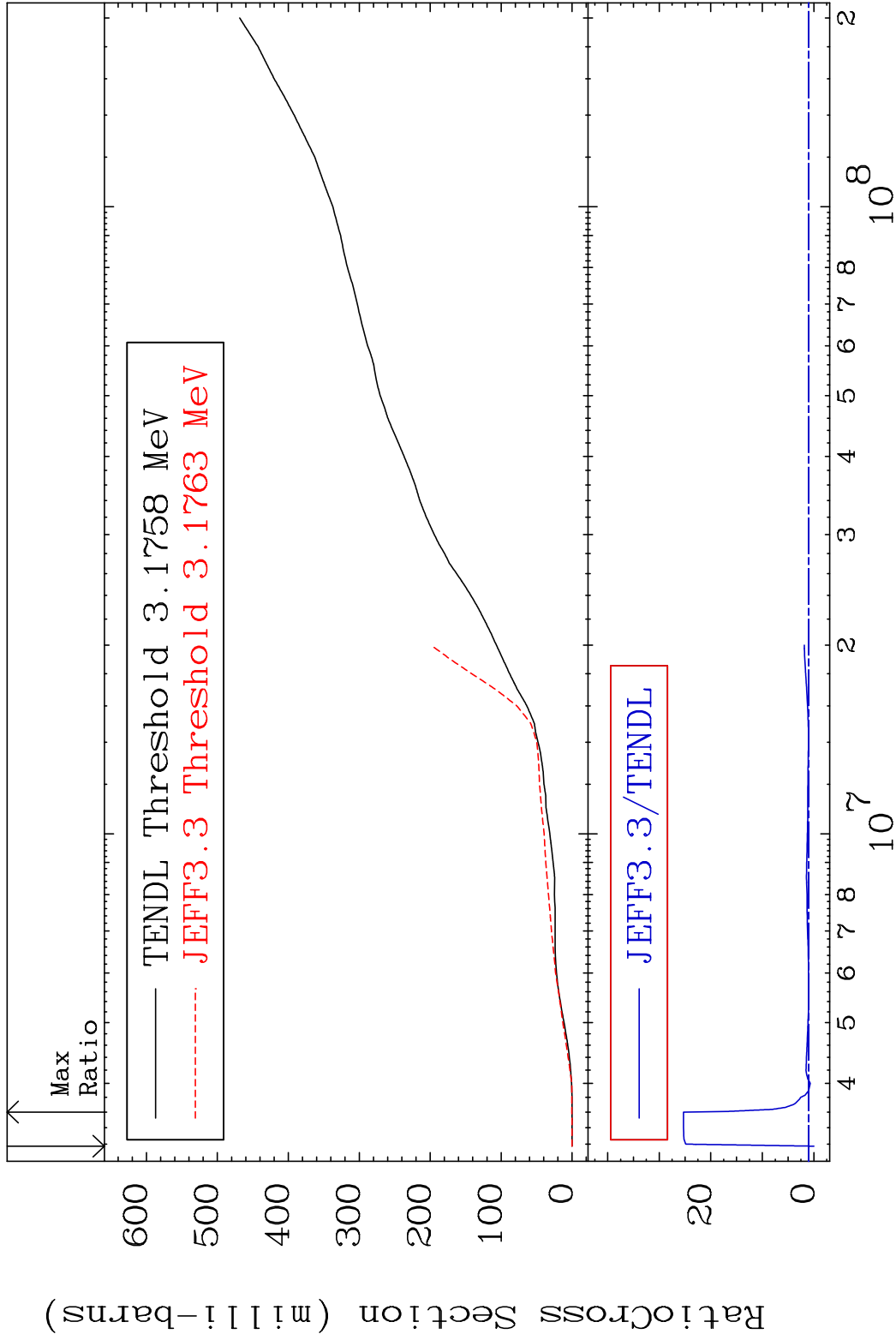








MAT 1228 Hydrogen Production 12-Mg-25  
 Cross Section -100.0 To 2430. %

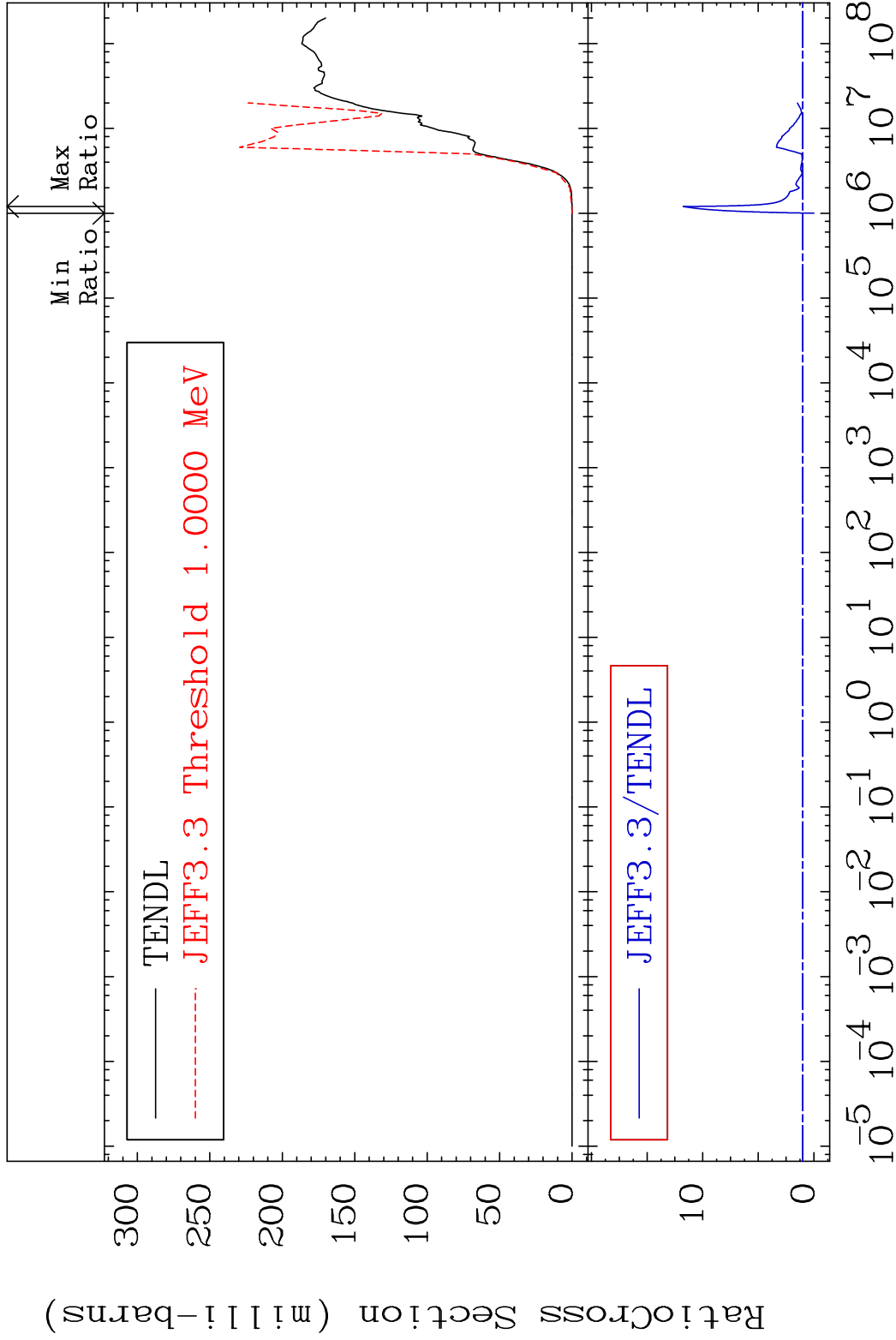


MAT 1228

He-4 Production

12-Mg-25

Cross Section -100.0 To 1073. %

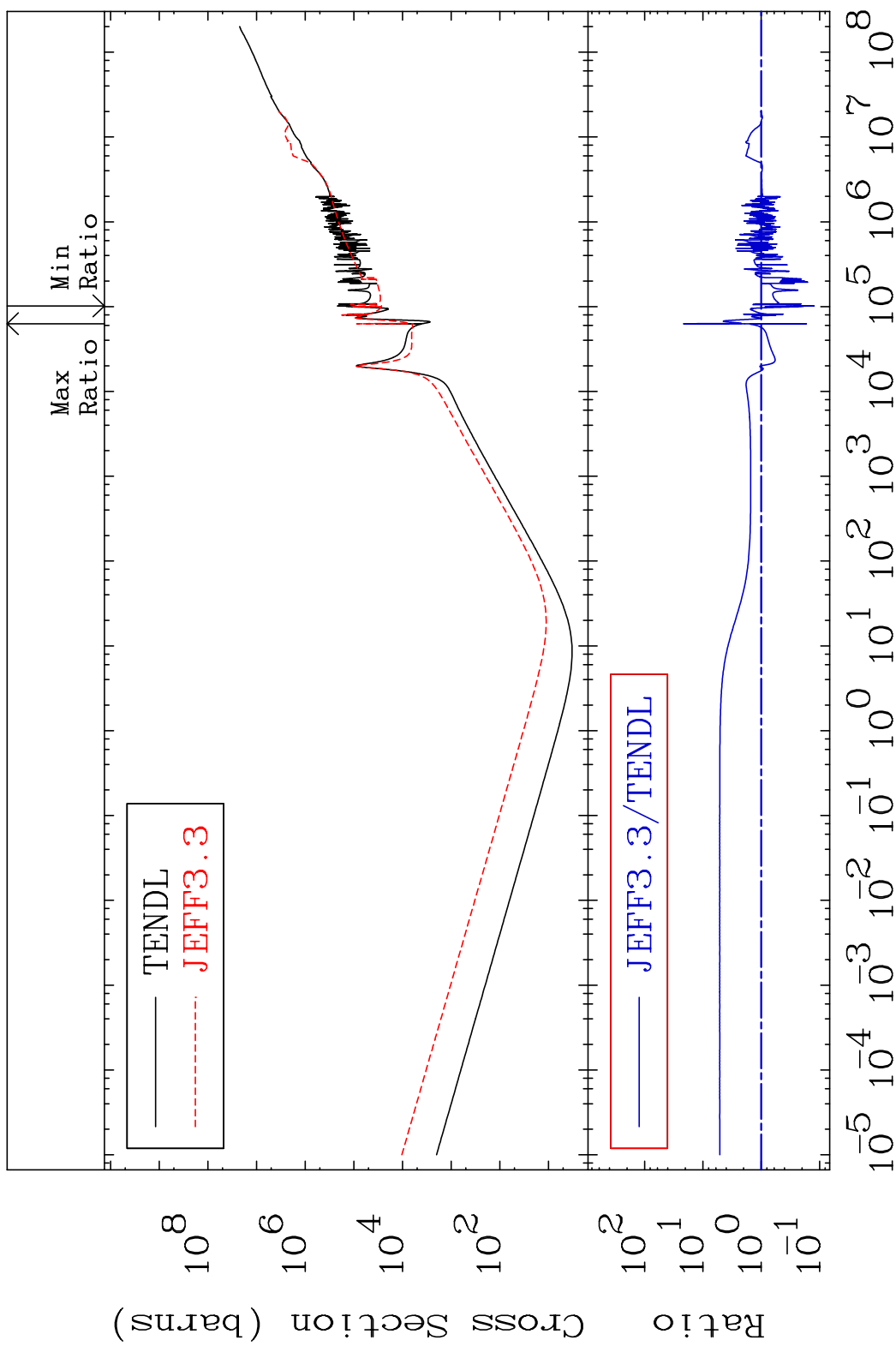


28

Incident Energy (eV)

12-Mg-25

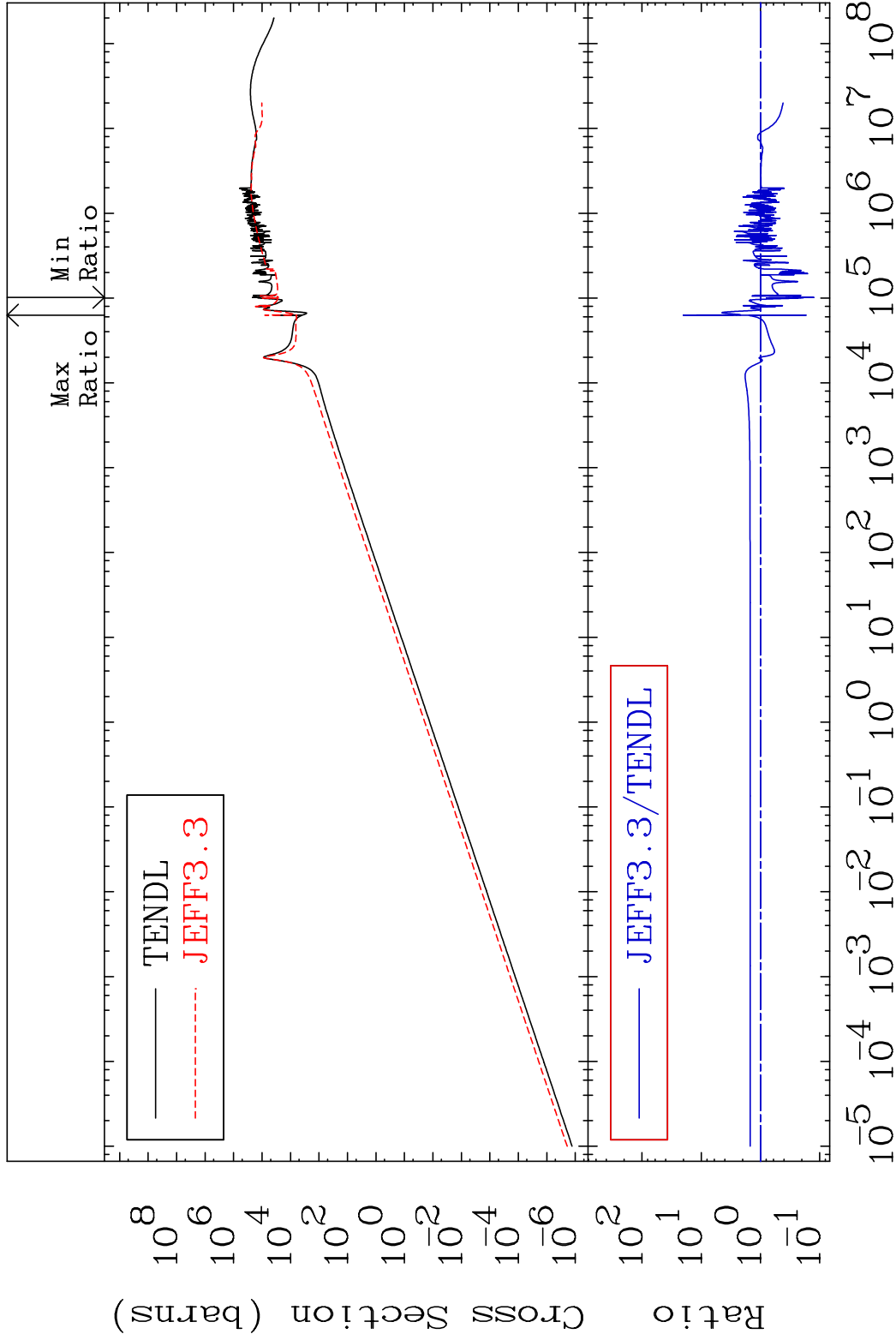
MAT 1228 Kerma total (eV-barns) 12-Mg-25  
 Cross Section -87.48 To 2054. %



MAT 1228

Kerma elastic  
Cross Section

12-Mg-25  
-87.47 To 1895. %

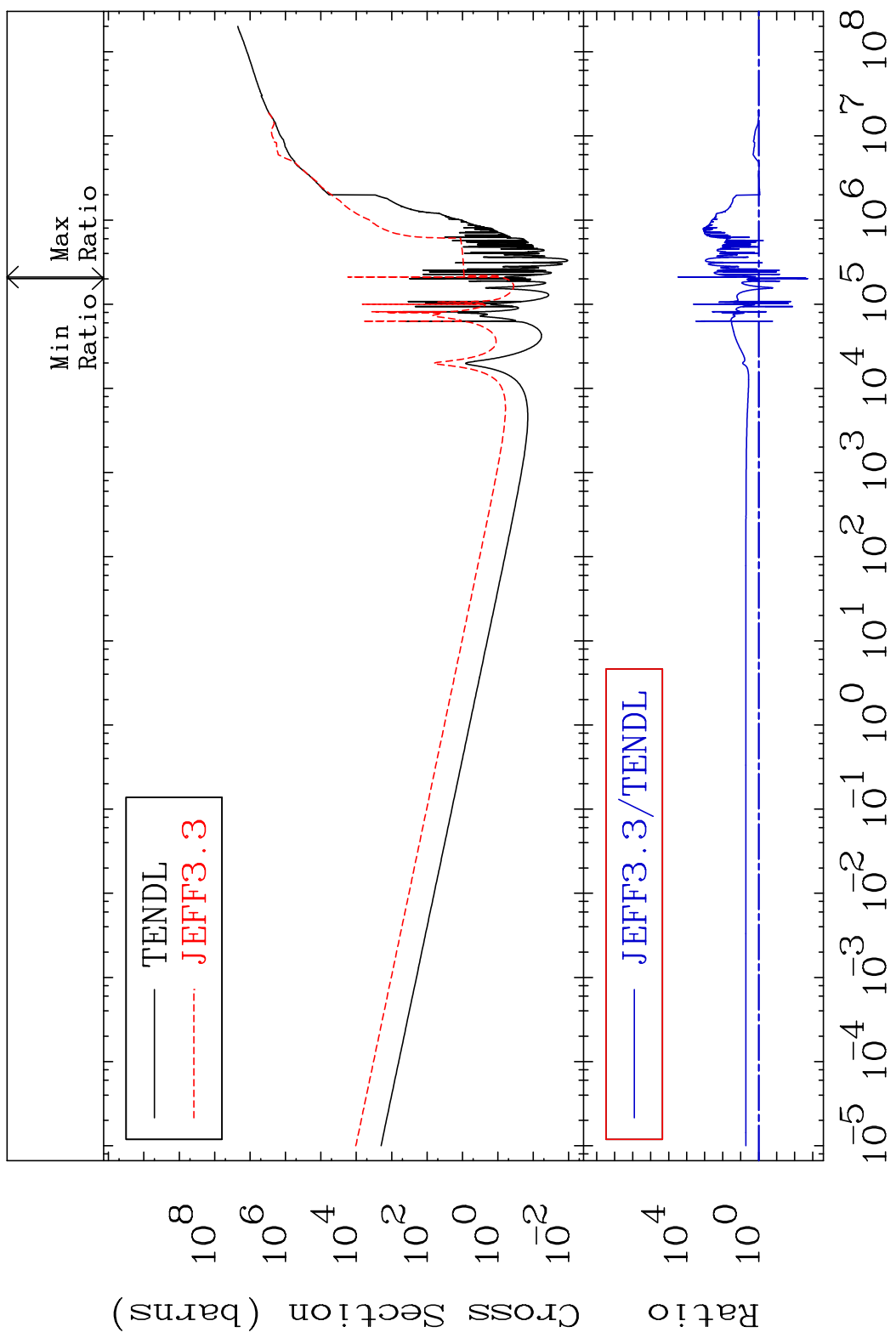


30

Incident Energy (eV)

12-Mg-25

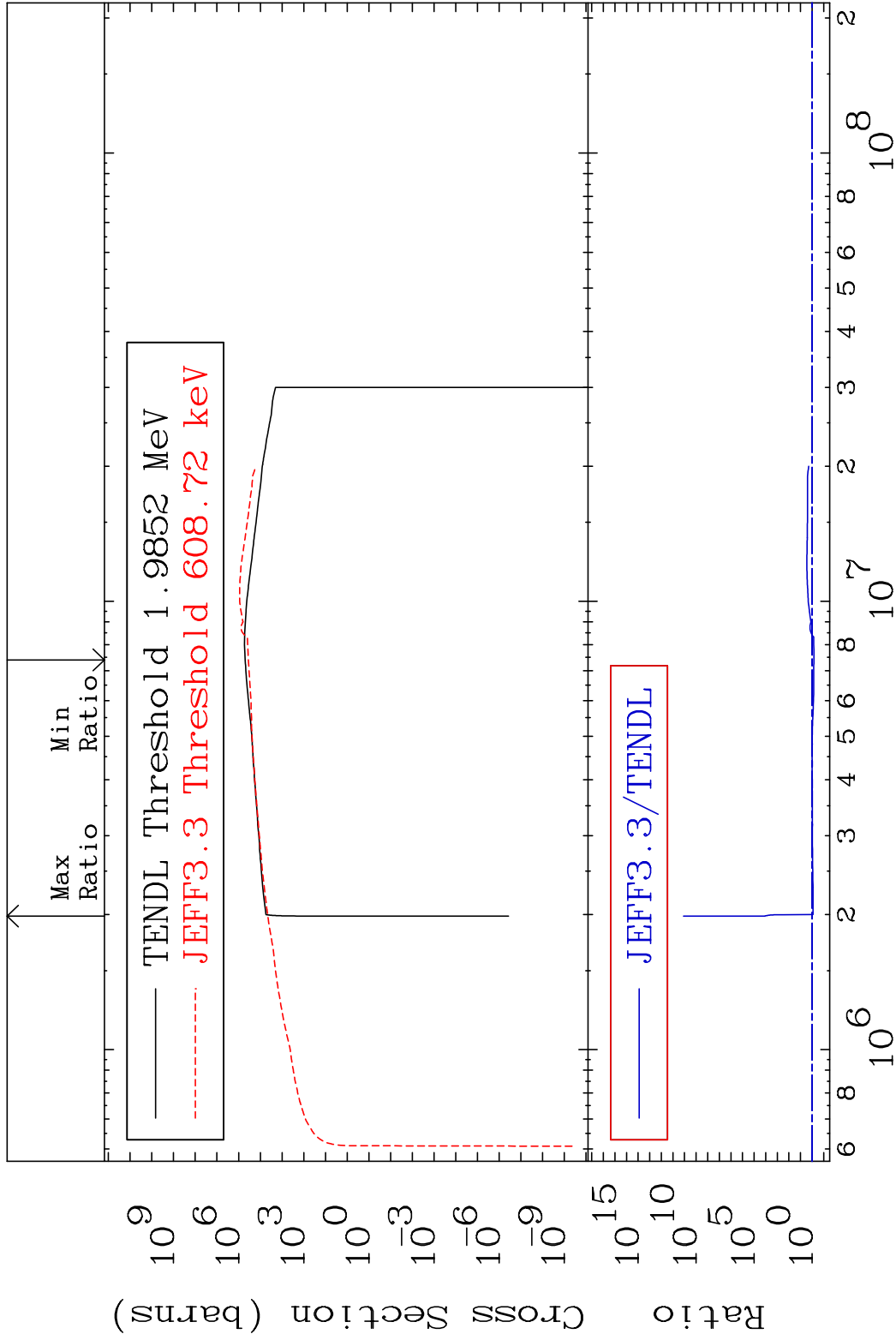
MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25  
 Cross Section -99.81 To 9999. %



31 Incident Energy (eV) 12-Mg-25

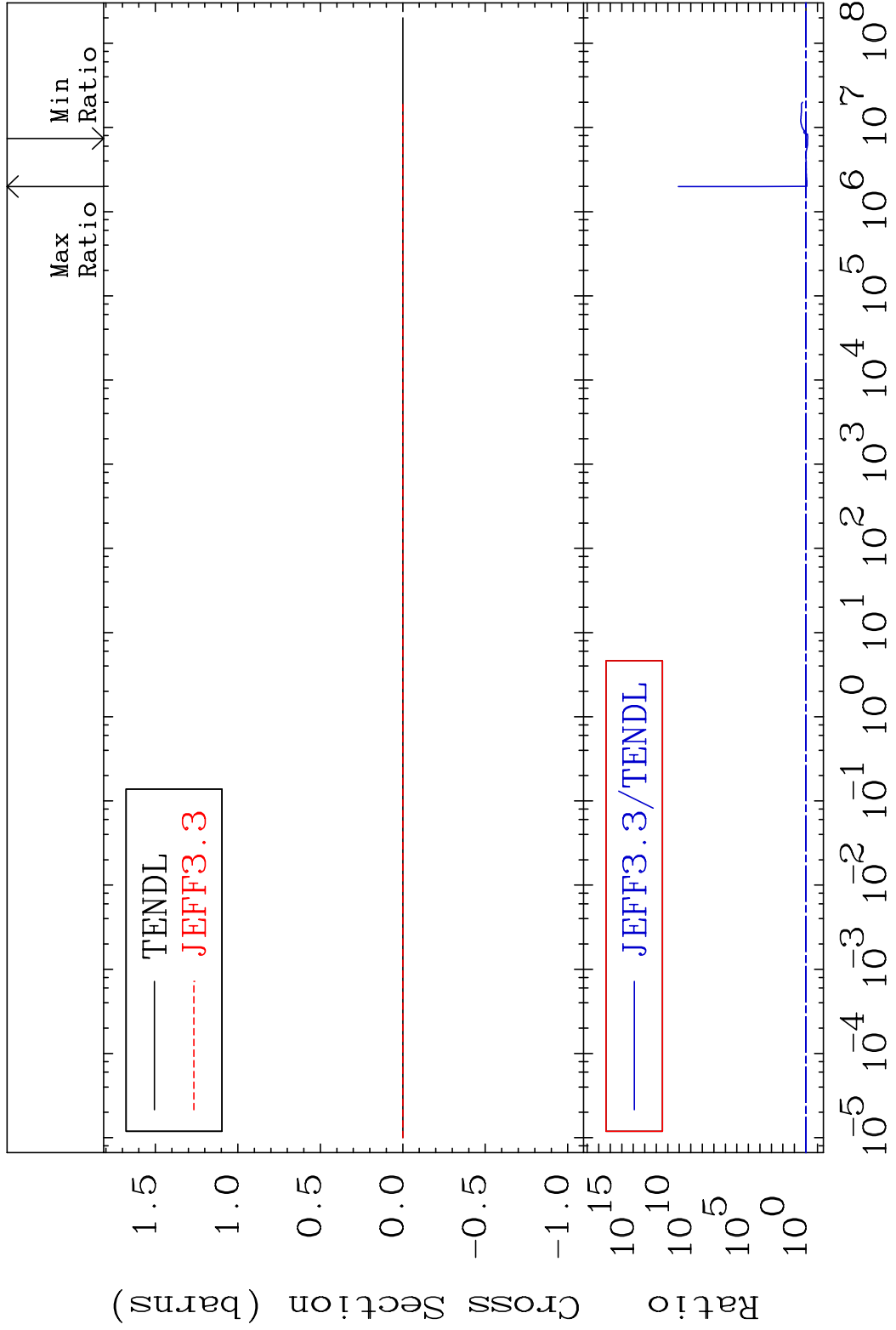


MAT 1228 Kerma inelastic (mt51-91) 12-Mg-25  
 Cross Section -29.57 To 9999. %

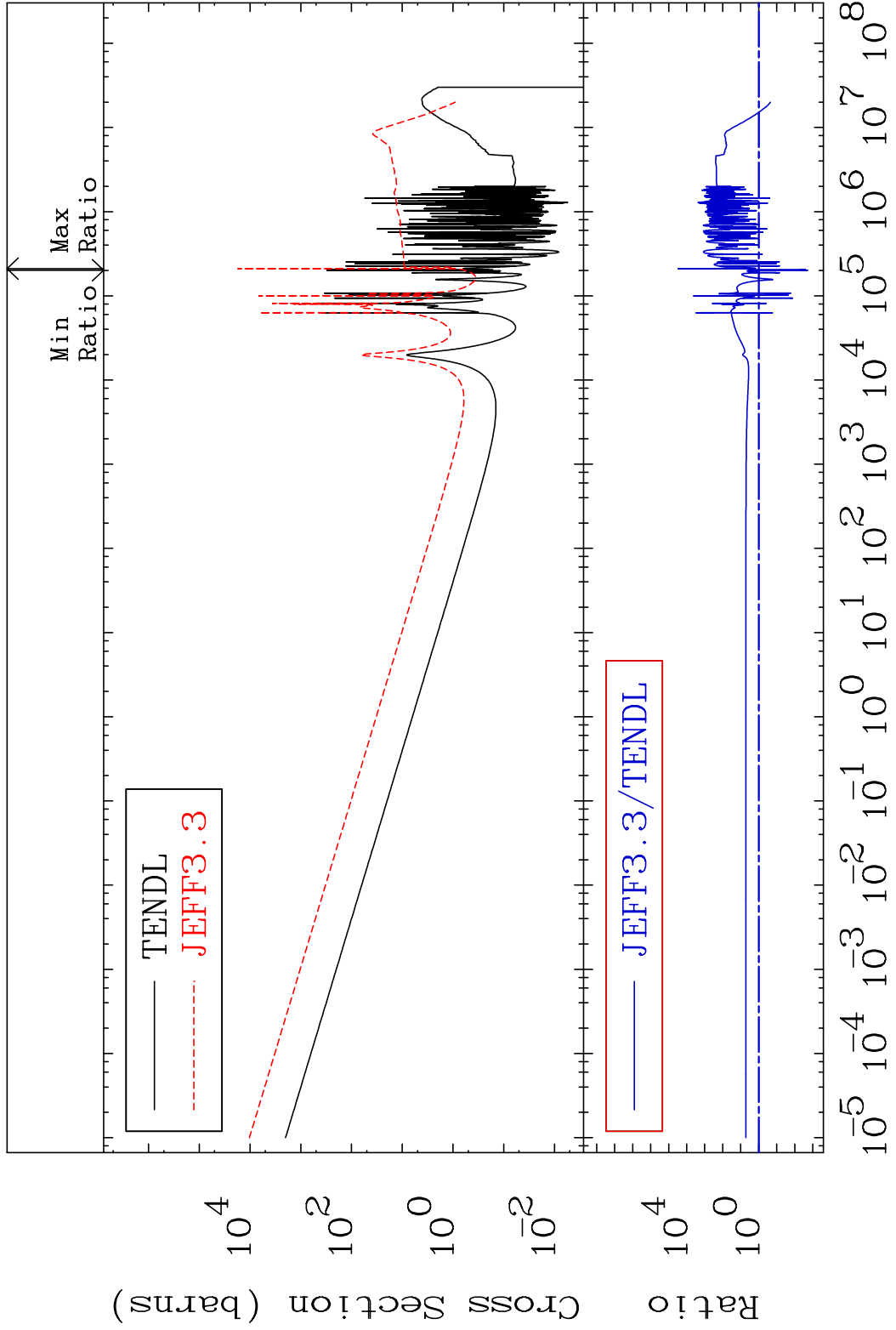


32 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25  
 Cross Section -29.57 To 9999. %

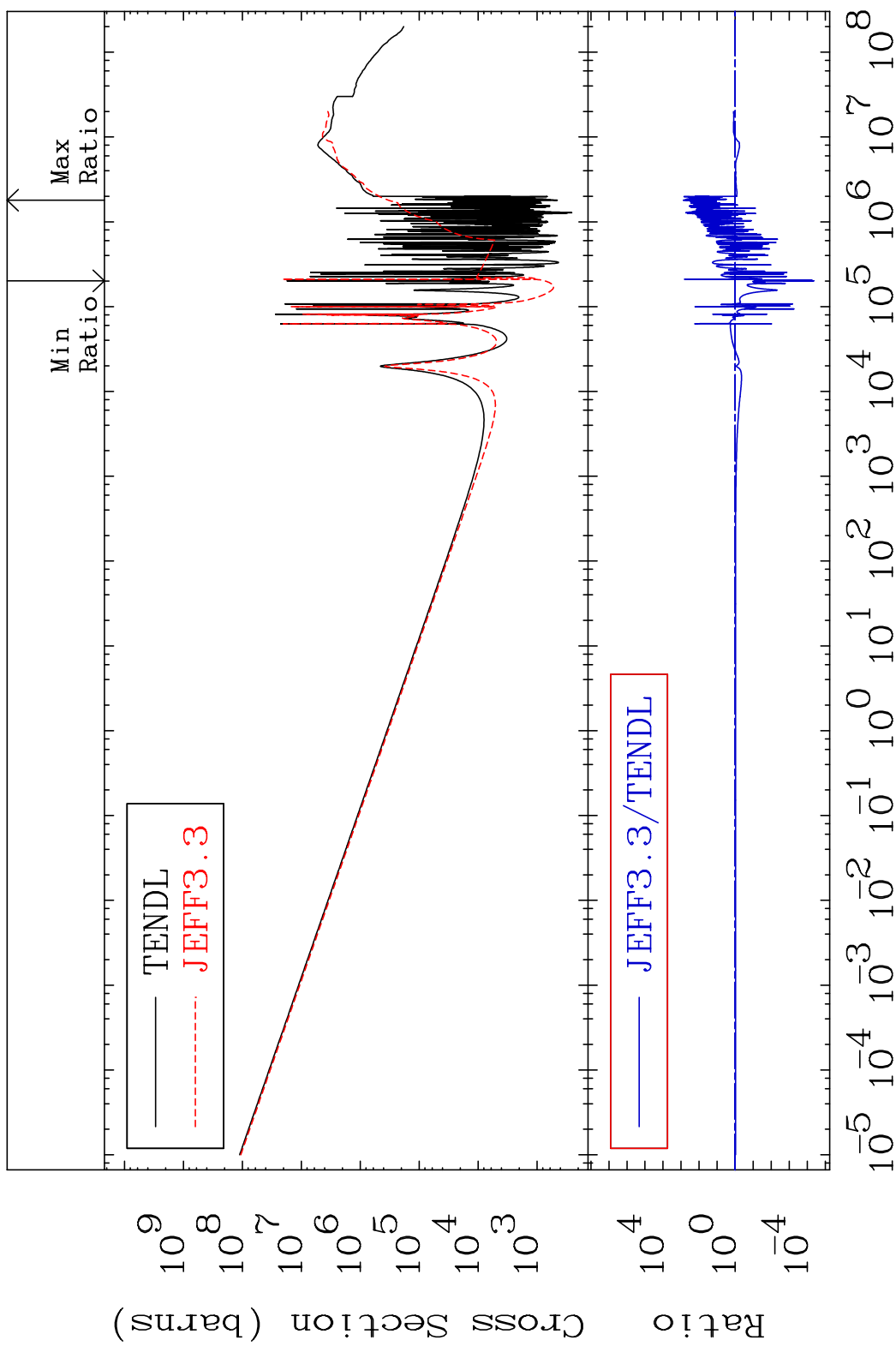


MAT 1228 Kerma capture (mt102) 12-Mg-25  
 Cross Section -99.81 To 9999. %



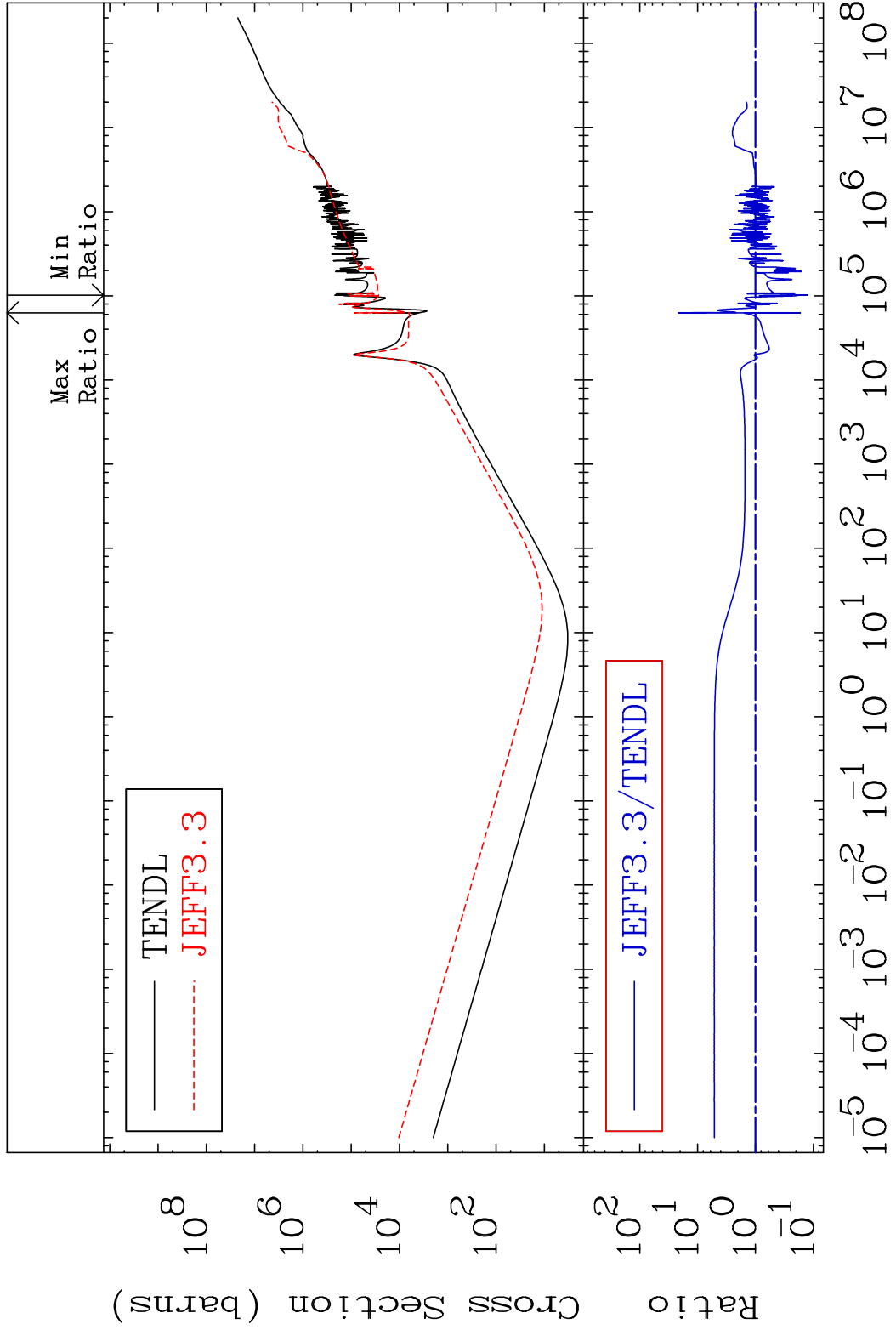
34 Incident Energy (eV) 12-Mg-25

MAT 1228 Total photon (eV-barns) 12-Mg-25  
 Cross Section -100.0 To 9999. %



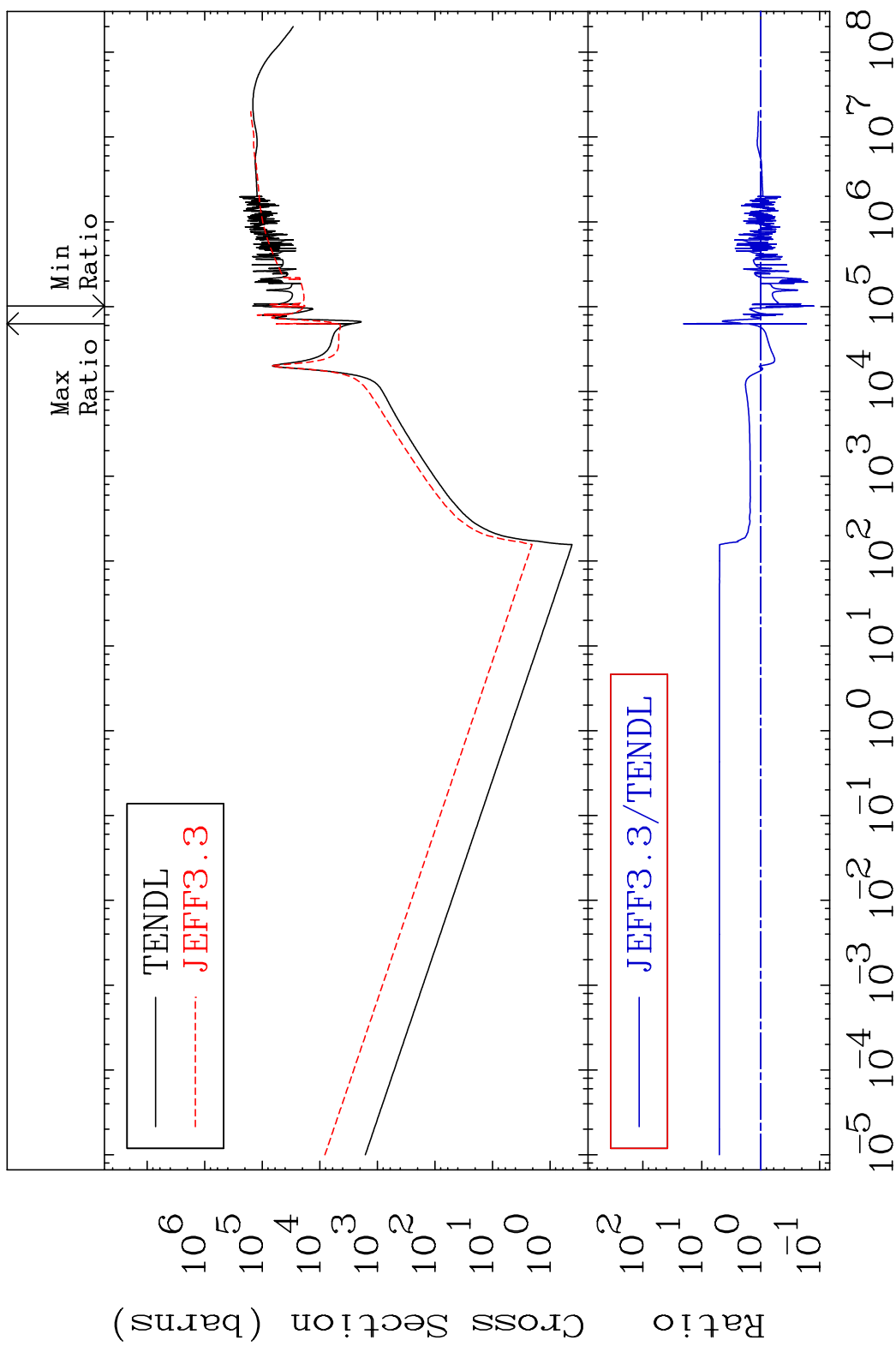
35 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25  
 Cross Section -87.48 To 2054. %



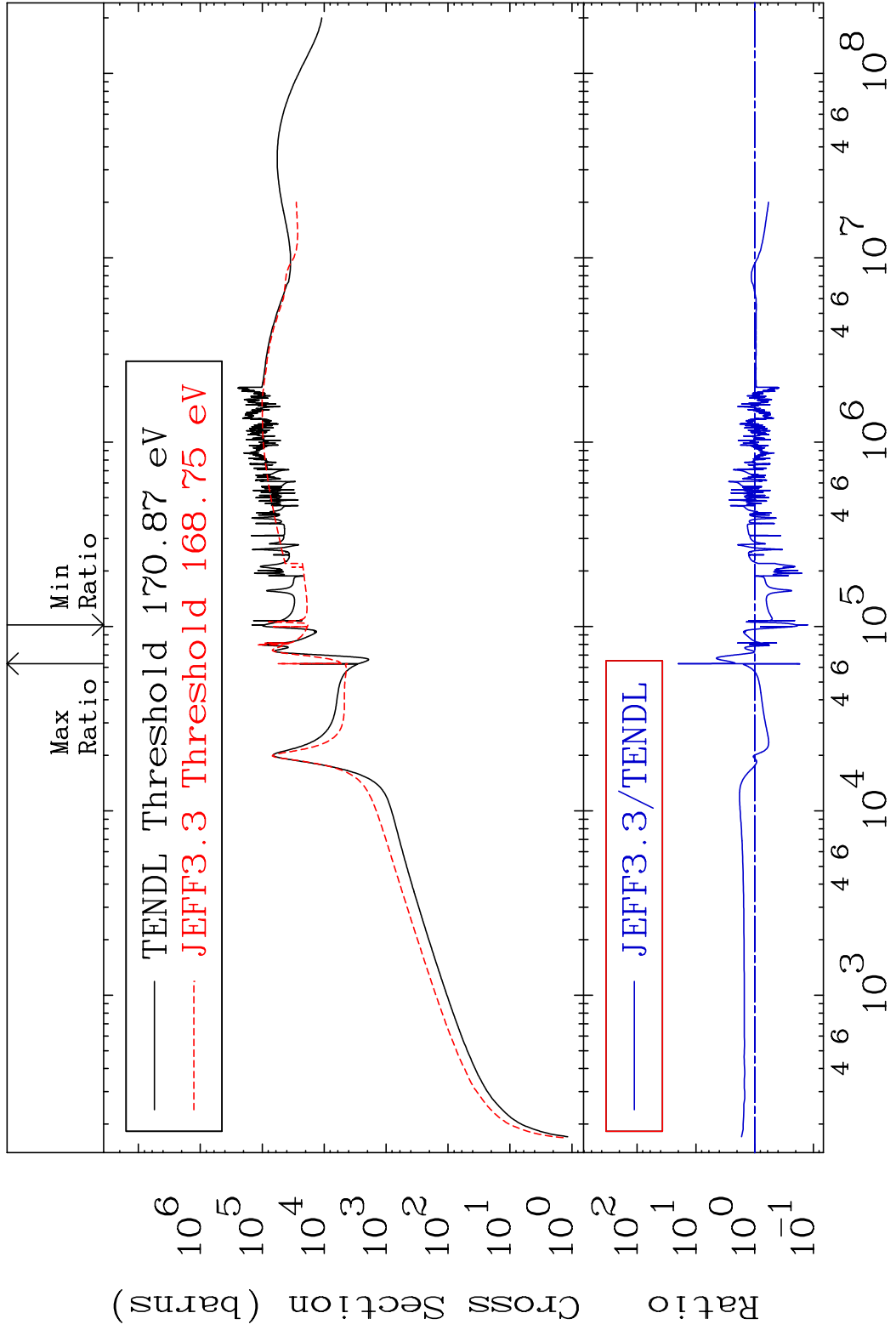
36 Incident Energy (eV) 12-Mg-25

MAT 1228      Dpa total (eV-barns)      <sup>12</sup>Mg-25  
 Cross Section      -87.47 To 1951. %

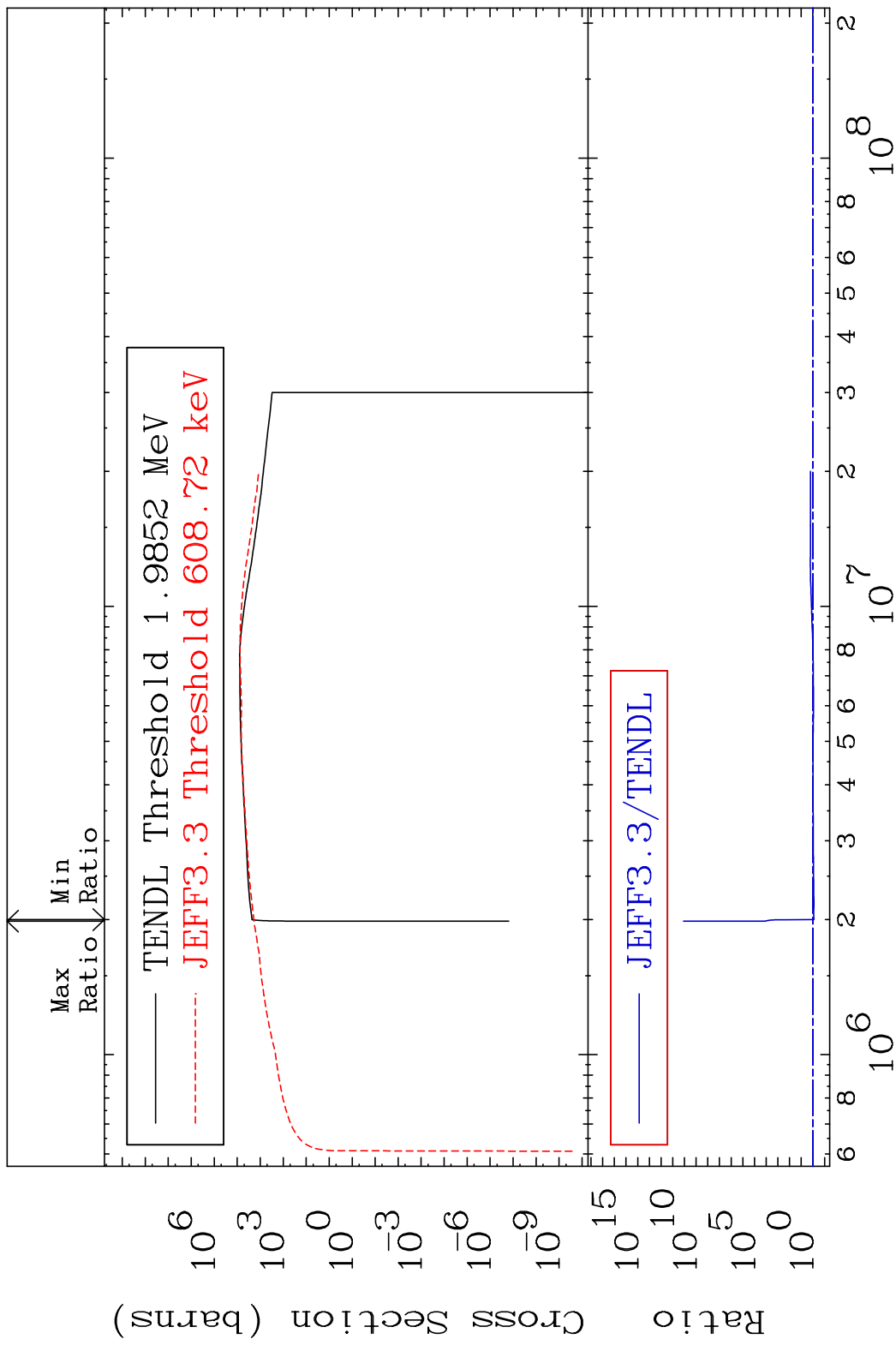


37      Incident Energy (eV)      <sup>12</sup>Mg-25

MAT 1228 Dpa elastic (mt2) 12-Mg-25  
 Cross Section -87.46 To 1895. %



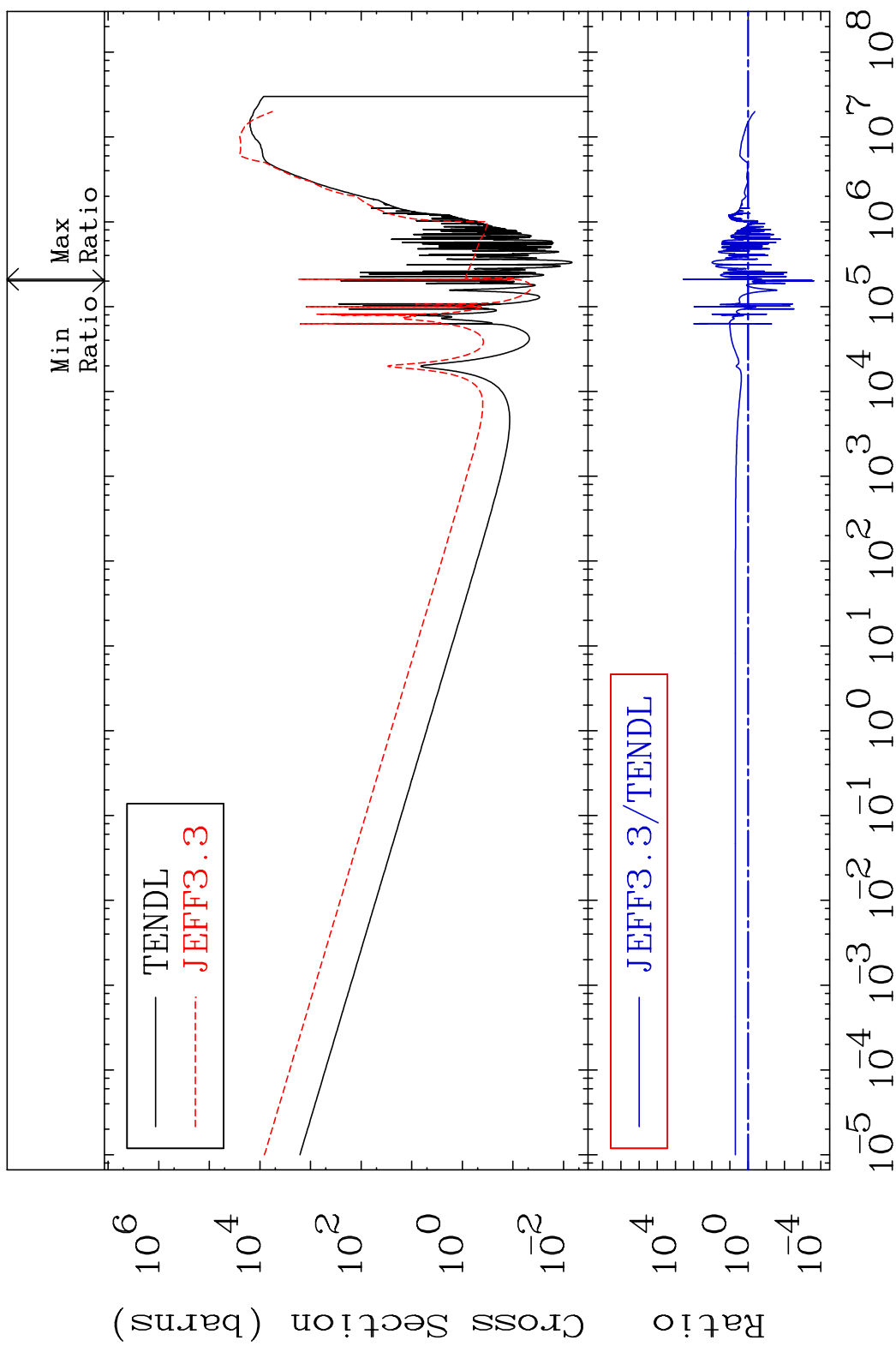
MAT 1228      Dpa inelastic (mt51-91)      12-Mg-25  
 Cross Section    -17.75 To 9999. %



39      Incident Energy (eV)      12-Mg-25



MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25  
 Cross Section -99.98 To 9999. %



40 Incident Energy (eV) 12-Mg-25