

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

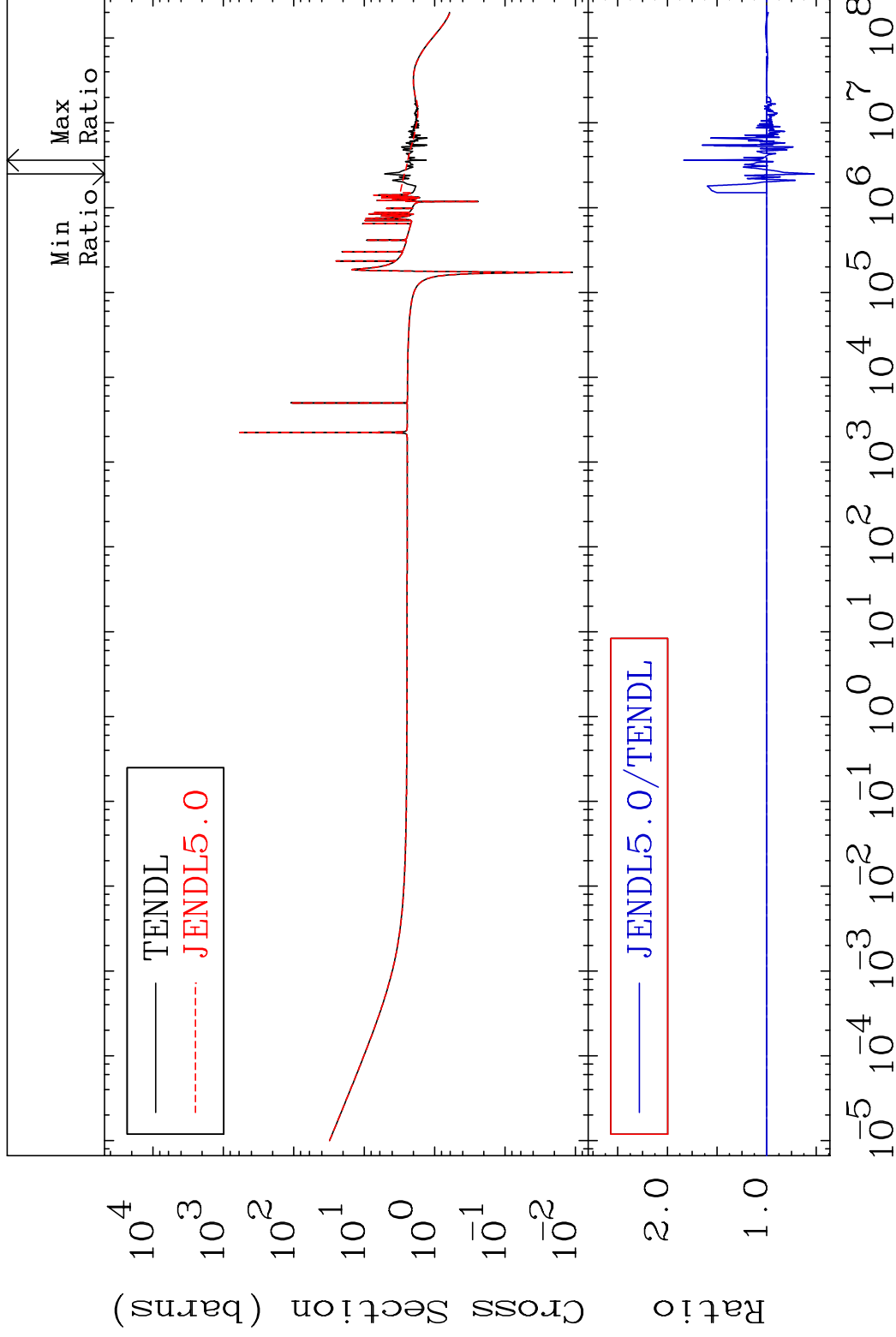
MAT 1431

Total

14-Si-30

Cross Section

-47.81 To 83.62 %



1

Incident Energy (eV)

14-Si-30

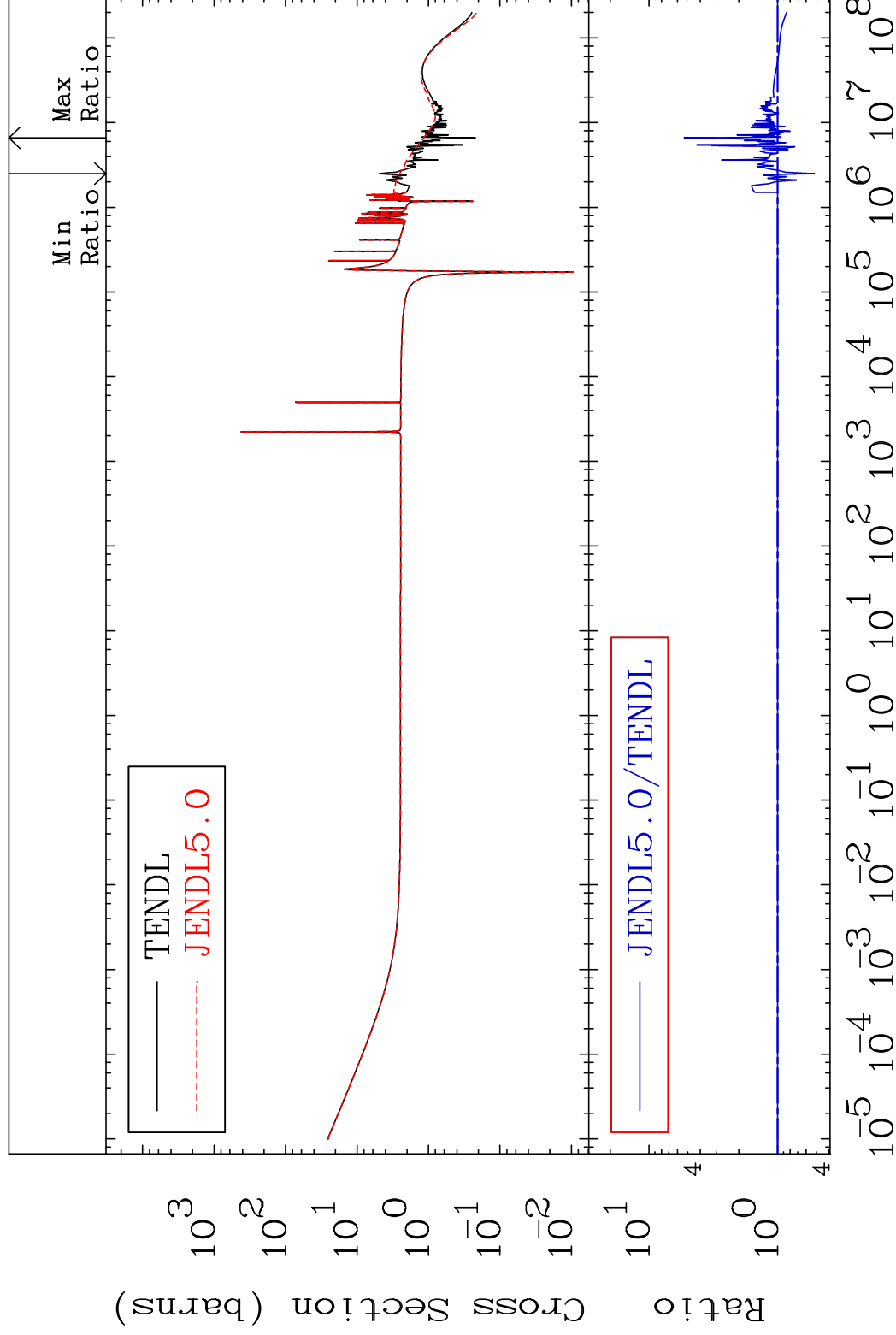
MAT 1431

Elastic

14-Si-30

Cross Section

-48.05 To 433.8 %



2

Incident Energy (eV)

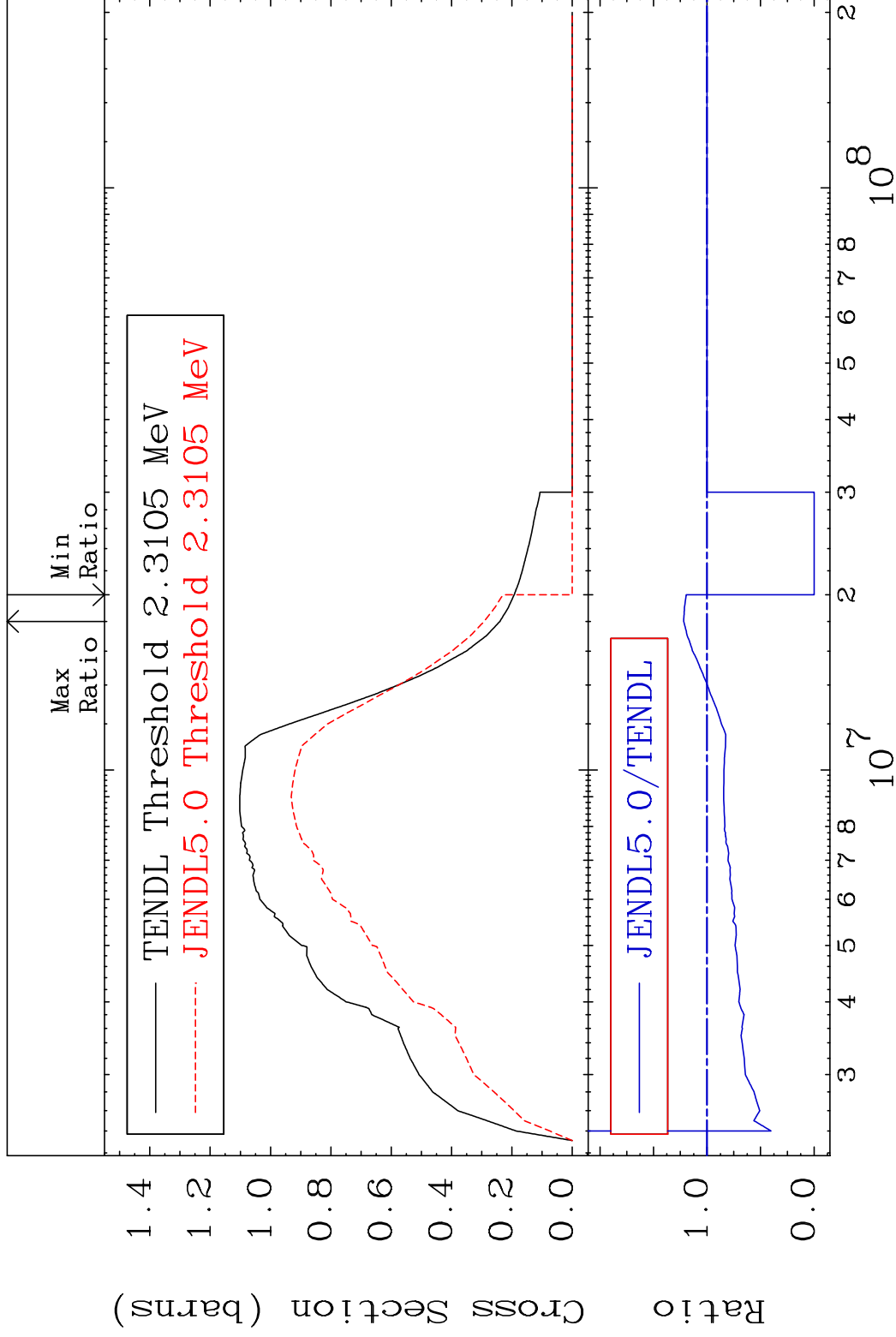
14-Si-30

MAT 1431

Inelastic

14-Si-30

Cross Section -100.0 To 21.84 %

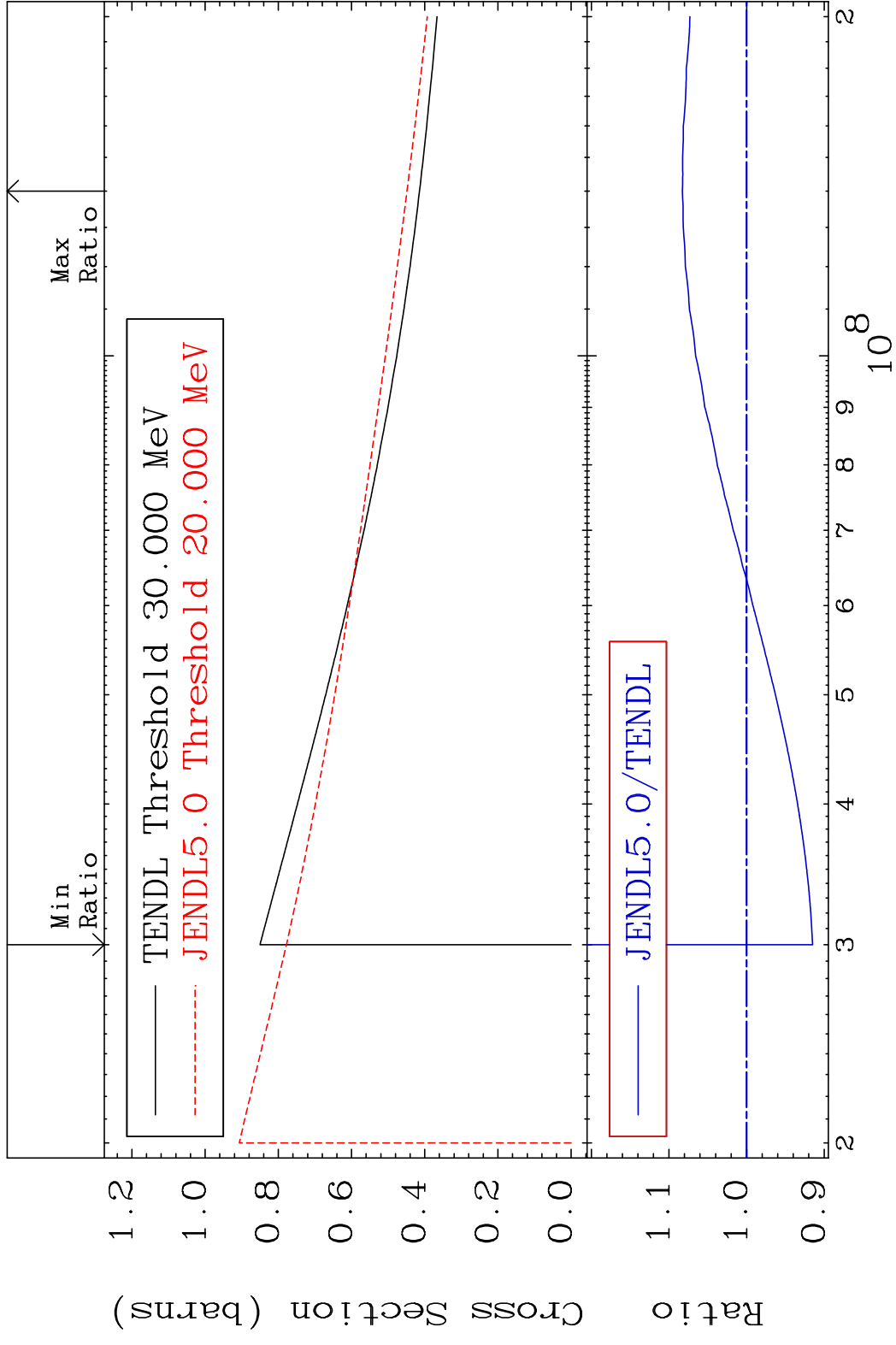


3

Incident Energy (eV)

14-Si-30

MAT 1431 (n, remainder) 14-Si-30
 Cross Section -8.483 To 8.277 %



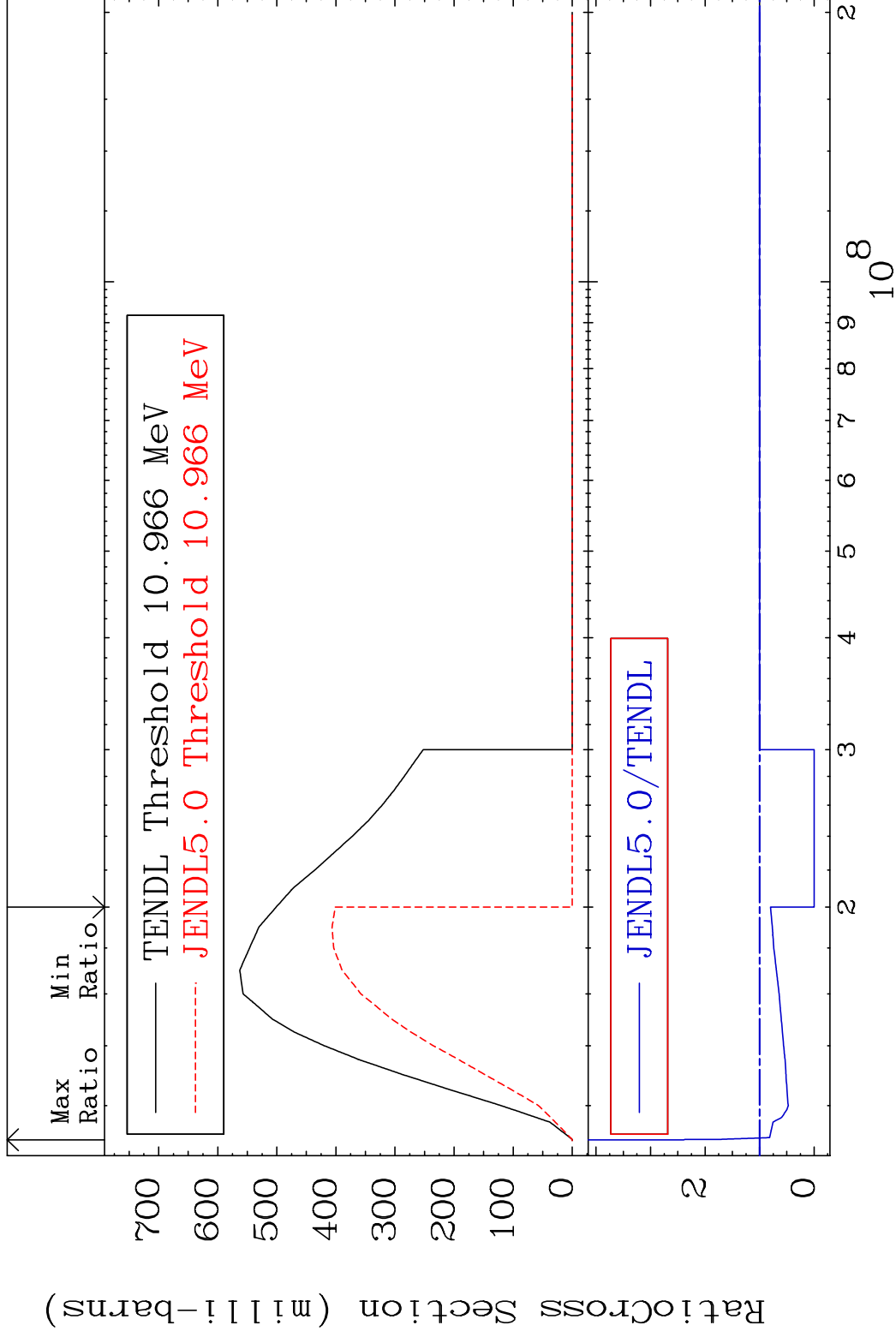
4 Incident Energy (eV) 14-Si-30

MAT 1431

(n,2n)

14-Si-30

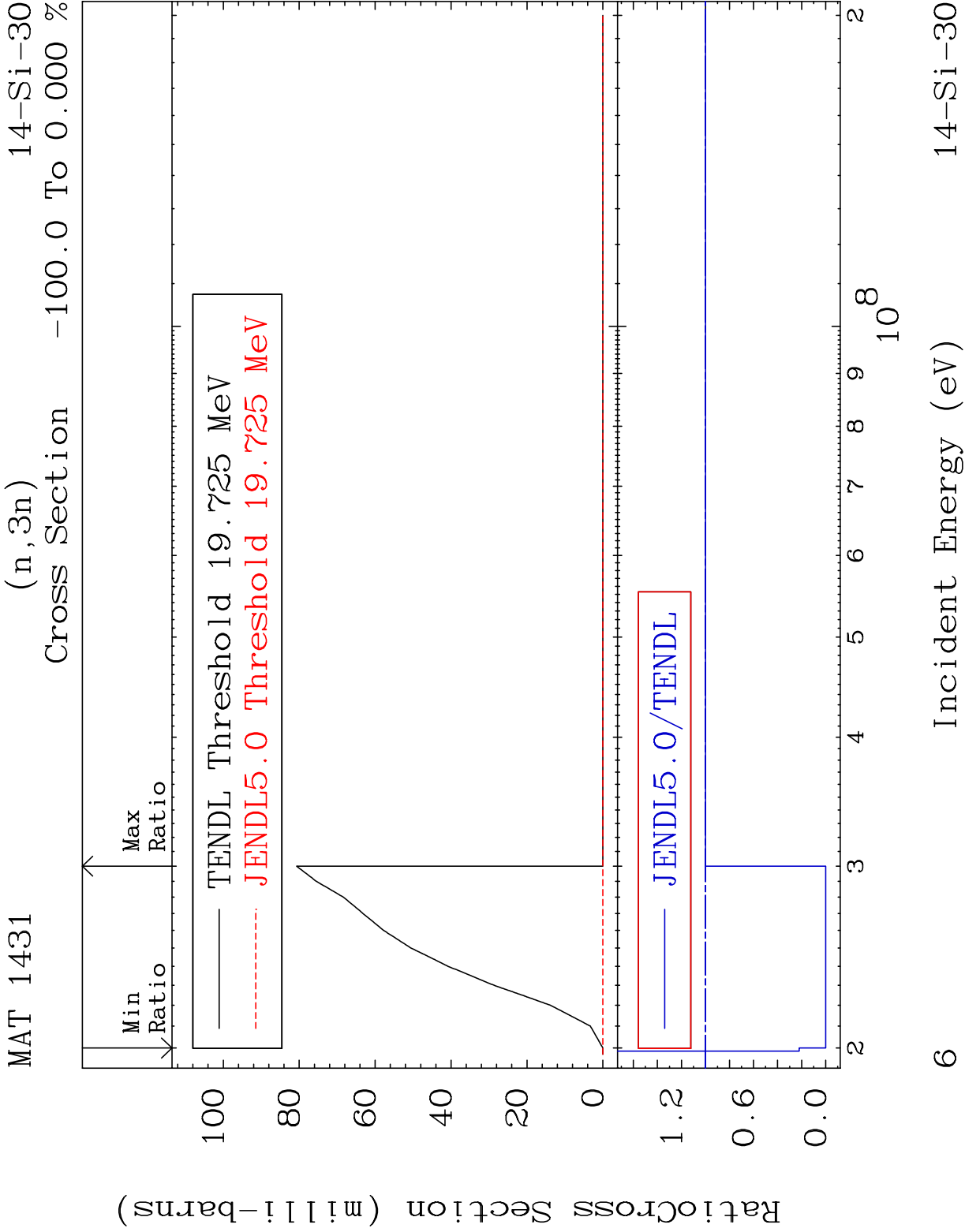
Cross Section -100.0 To 139.3 %



5

Incident Energy (eV)

14-Si-30

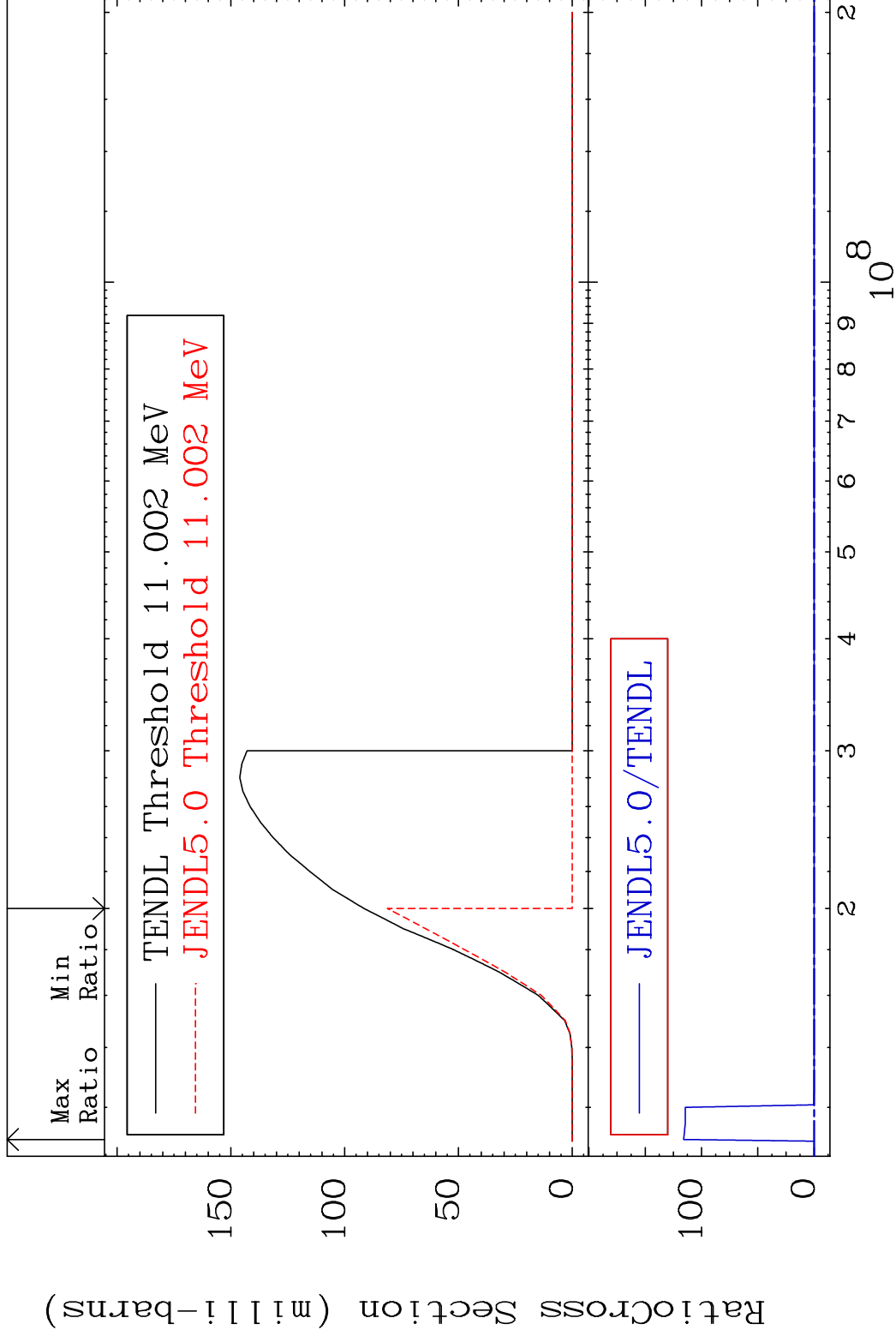


MAT 1431

(n,n') α

14-Si-30

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

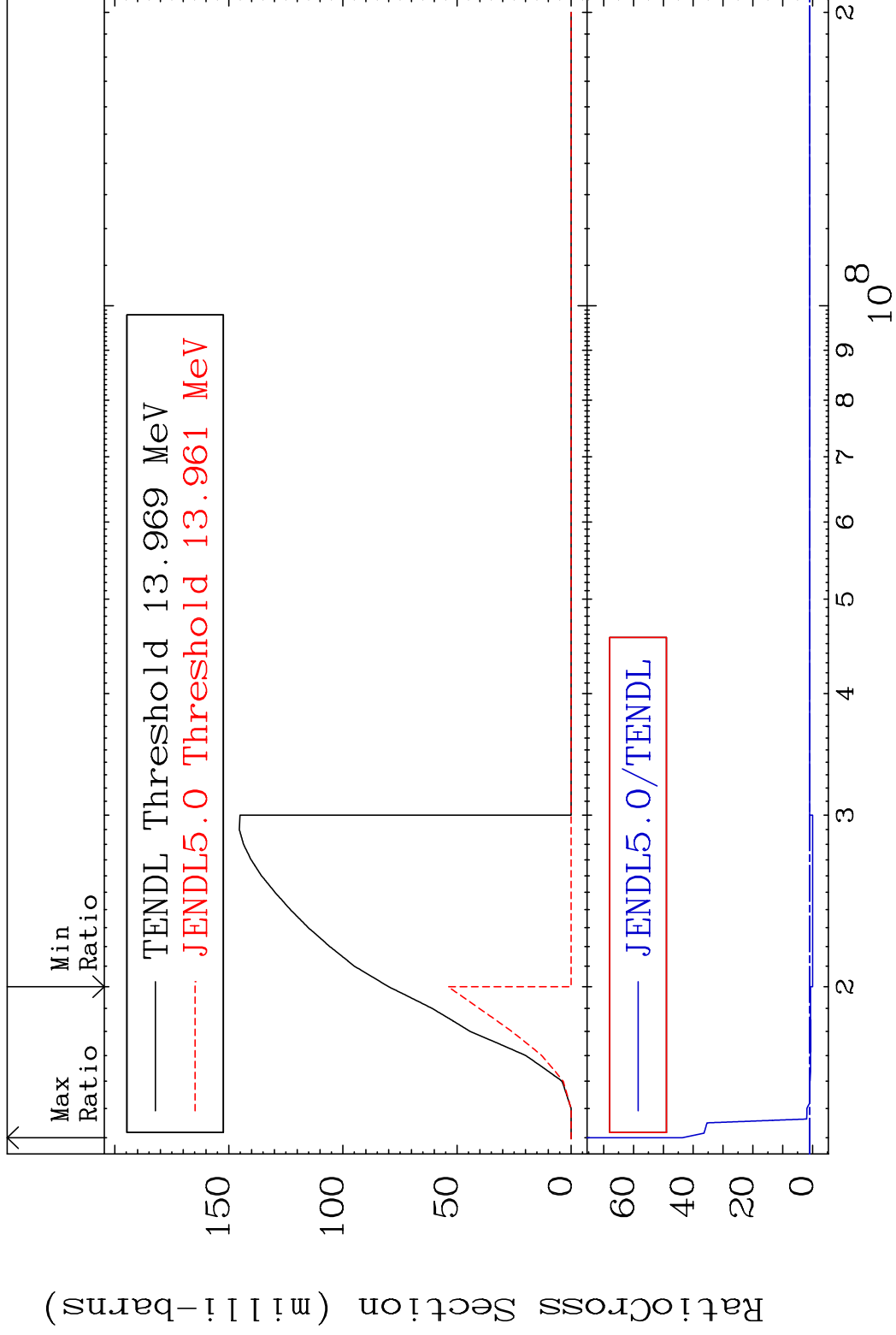
14-Si-30

MAT 1431

(n, n') p

14-Si-30

Cross Section -100.0 To 4263. %

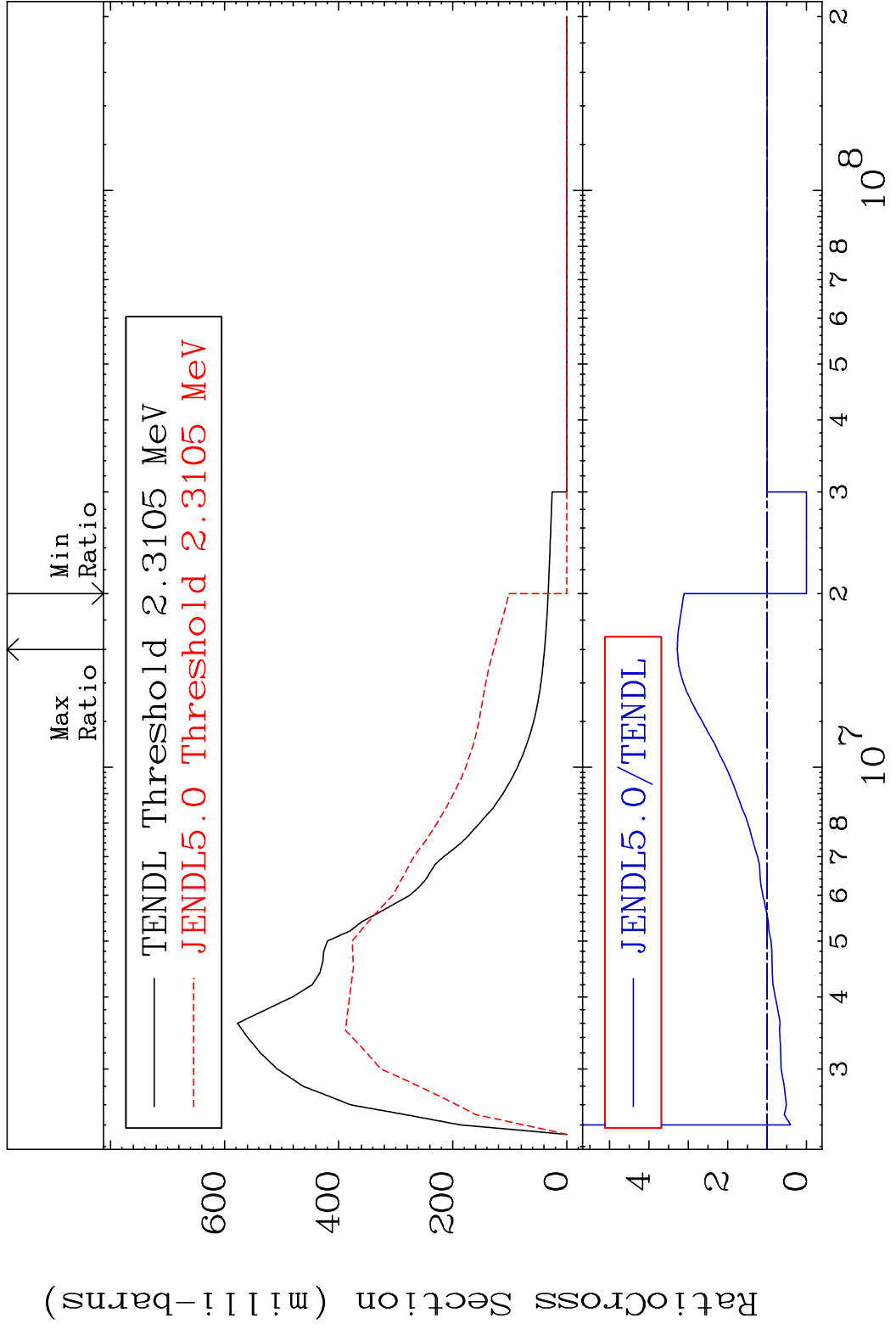


8

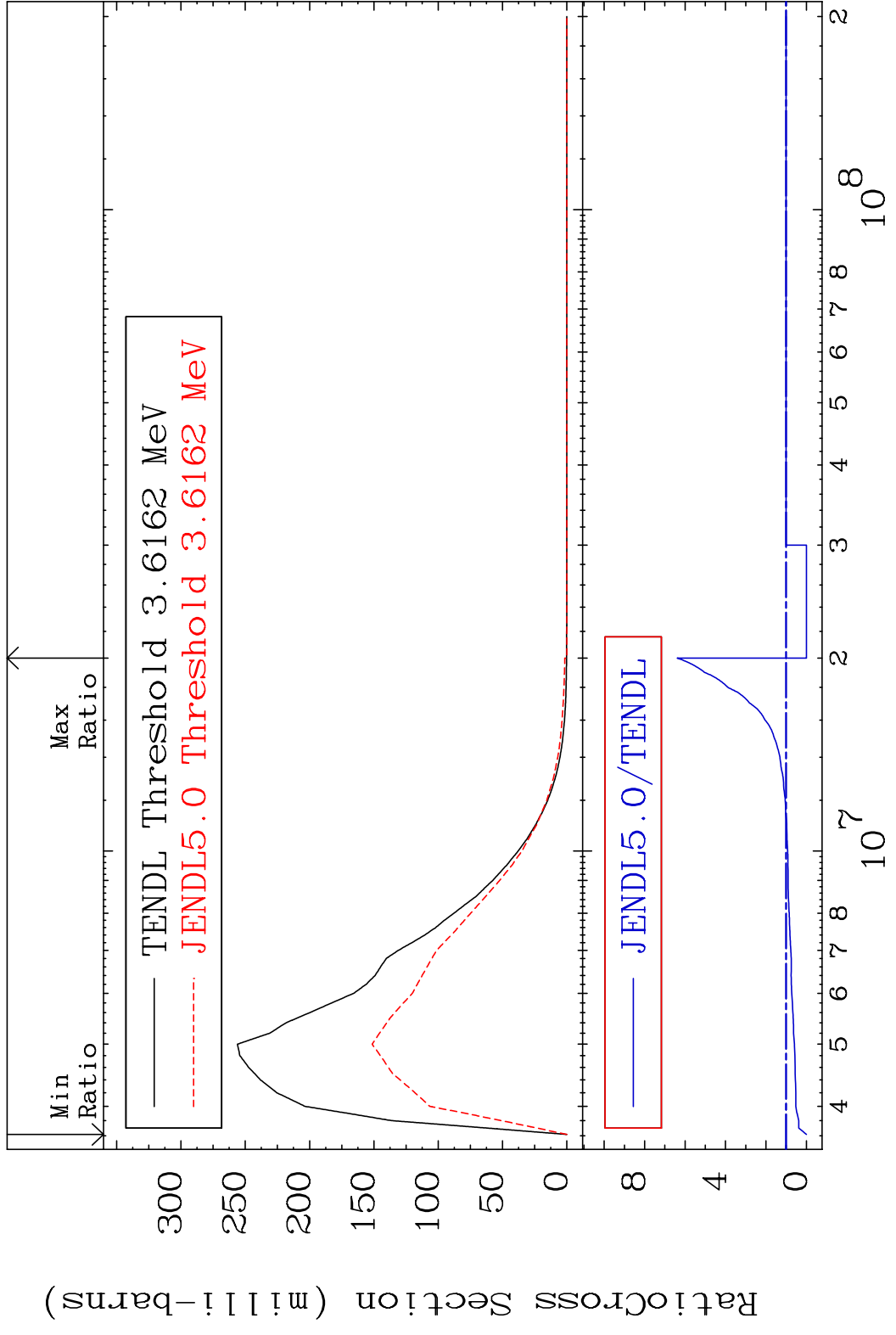
Incident Energy (eV)

14-Si-30

MAT 1431 MT= 51 (n, n') Level 14-Si-30
 Cross Section -100.0 To 228.3 %

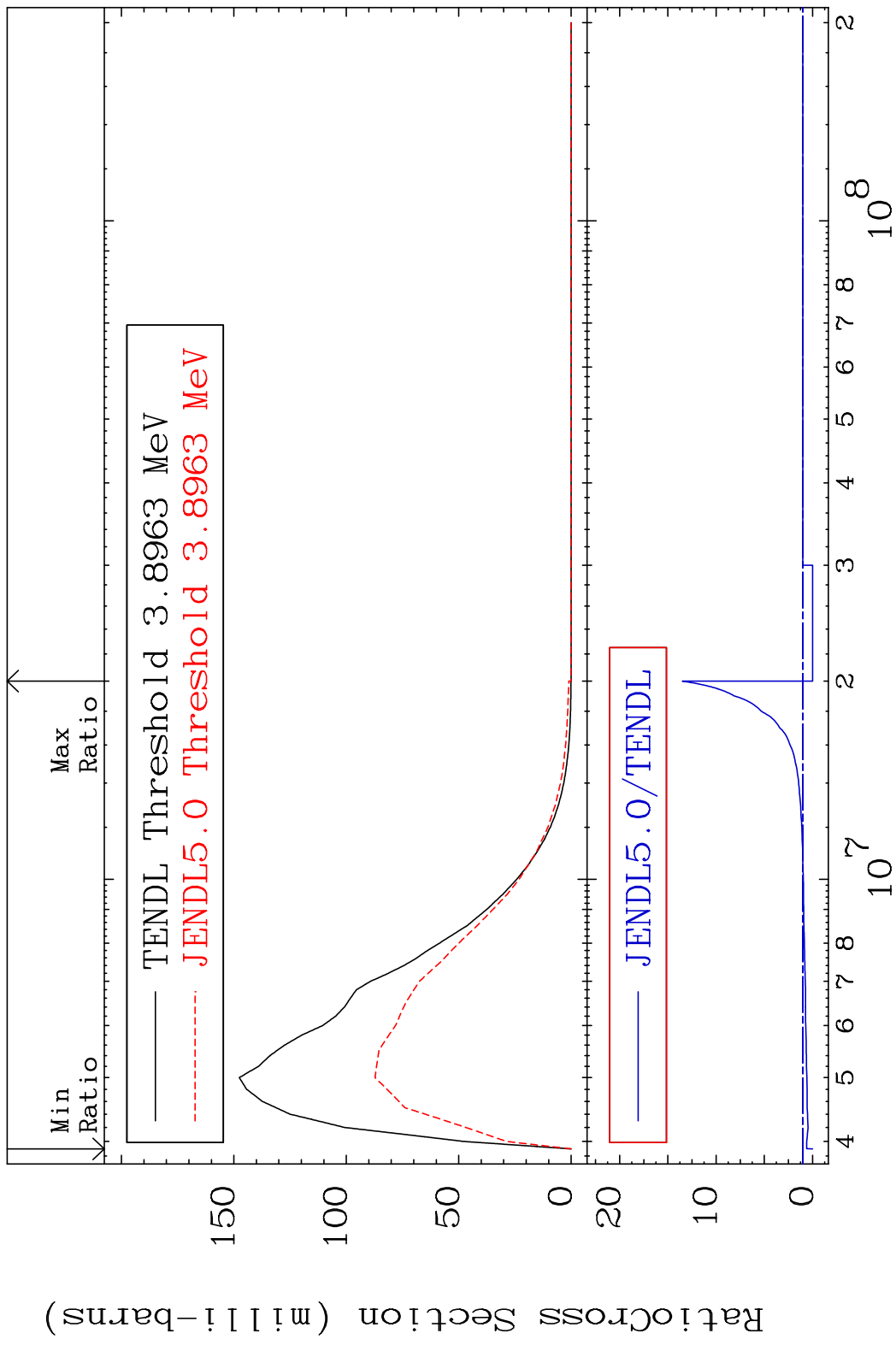


MAT 1431 MT= 52 (n, n') Level 14-Si-30
 Cross Section -100.0 To 539.1 %

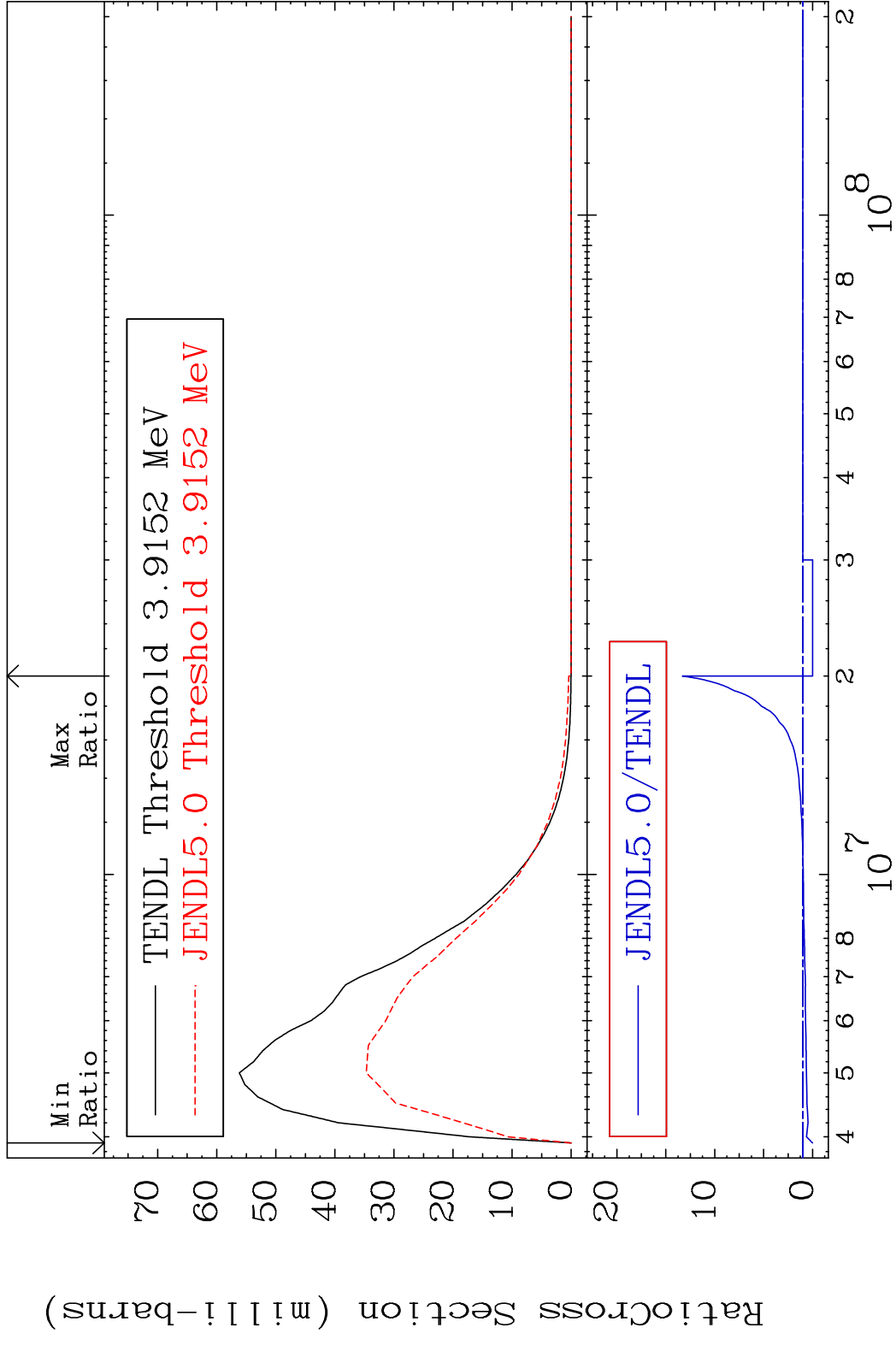


10 2

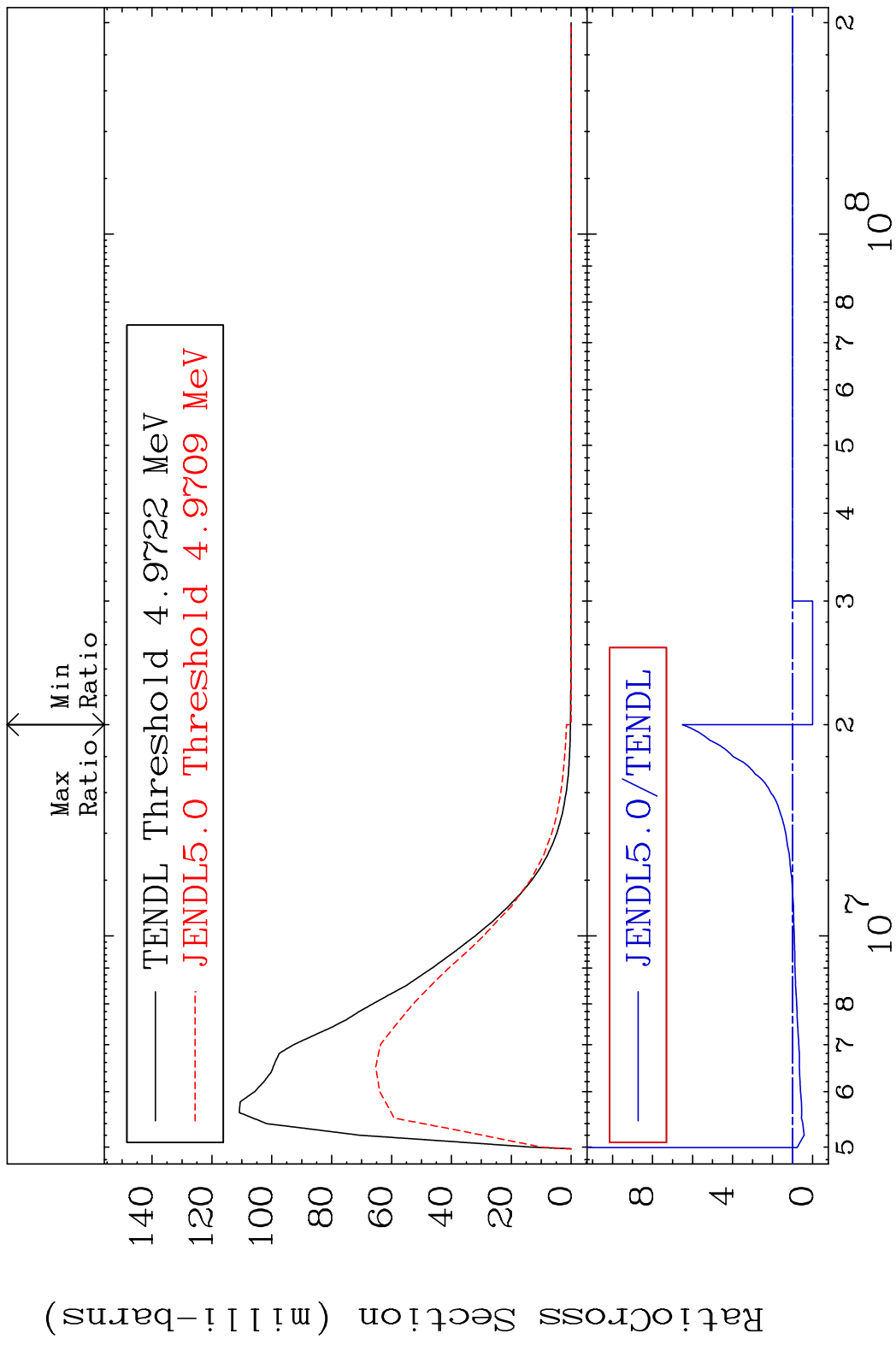
MAT 1431 MT= 53 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1250. %



MAT 1431 MT= 54 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1231. %

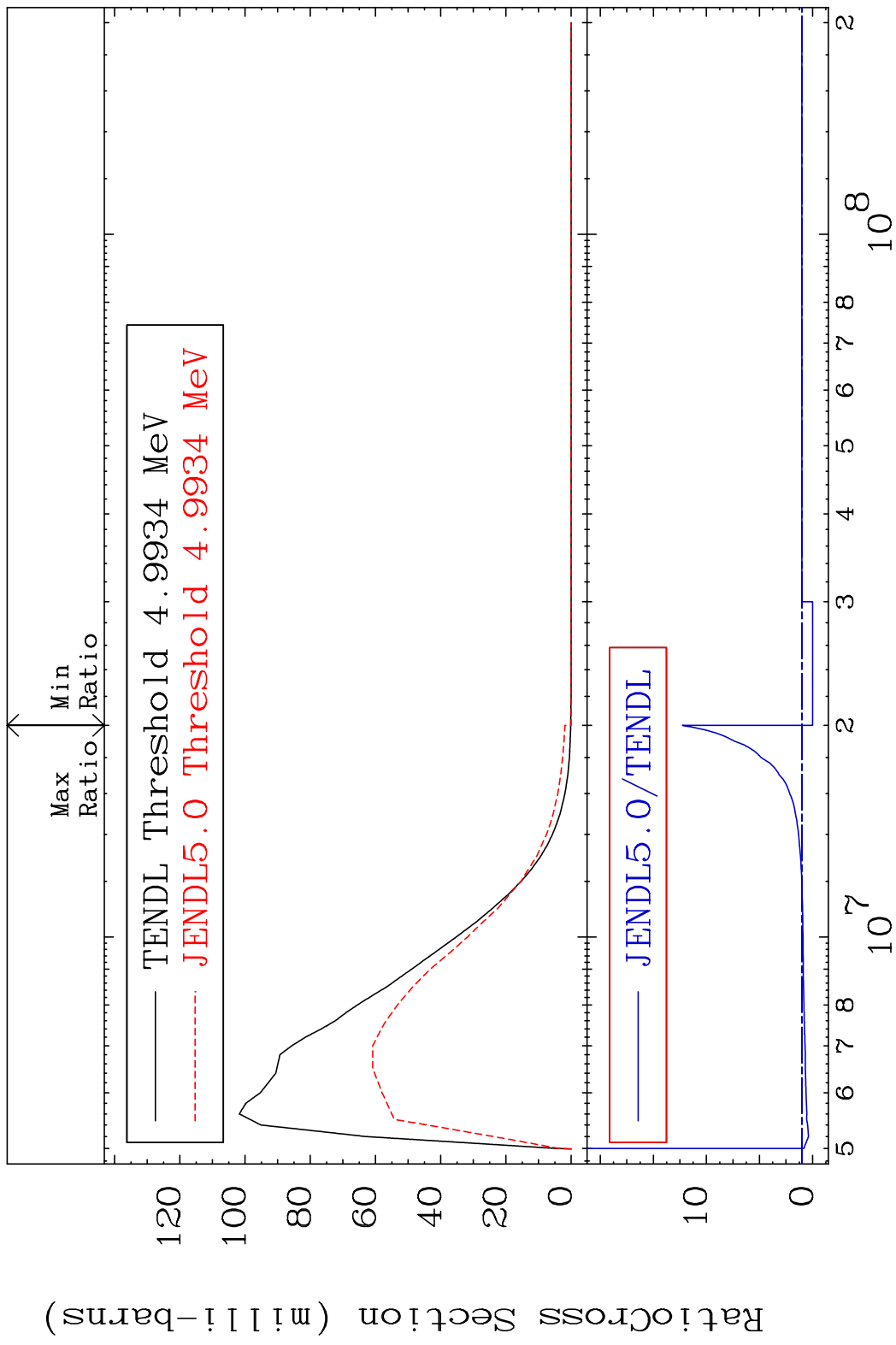


MAT 1431 MT= 55 (n,n') Level 14-Si-30
 Cross Section -100.0 To 550.9 %

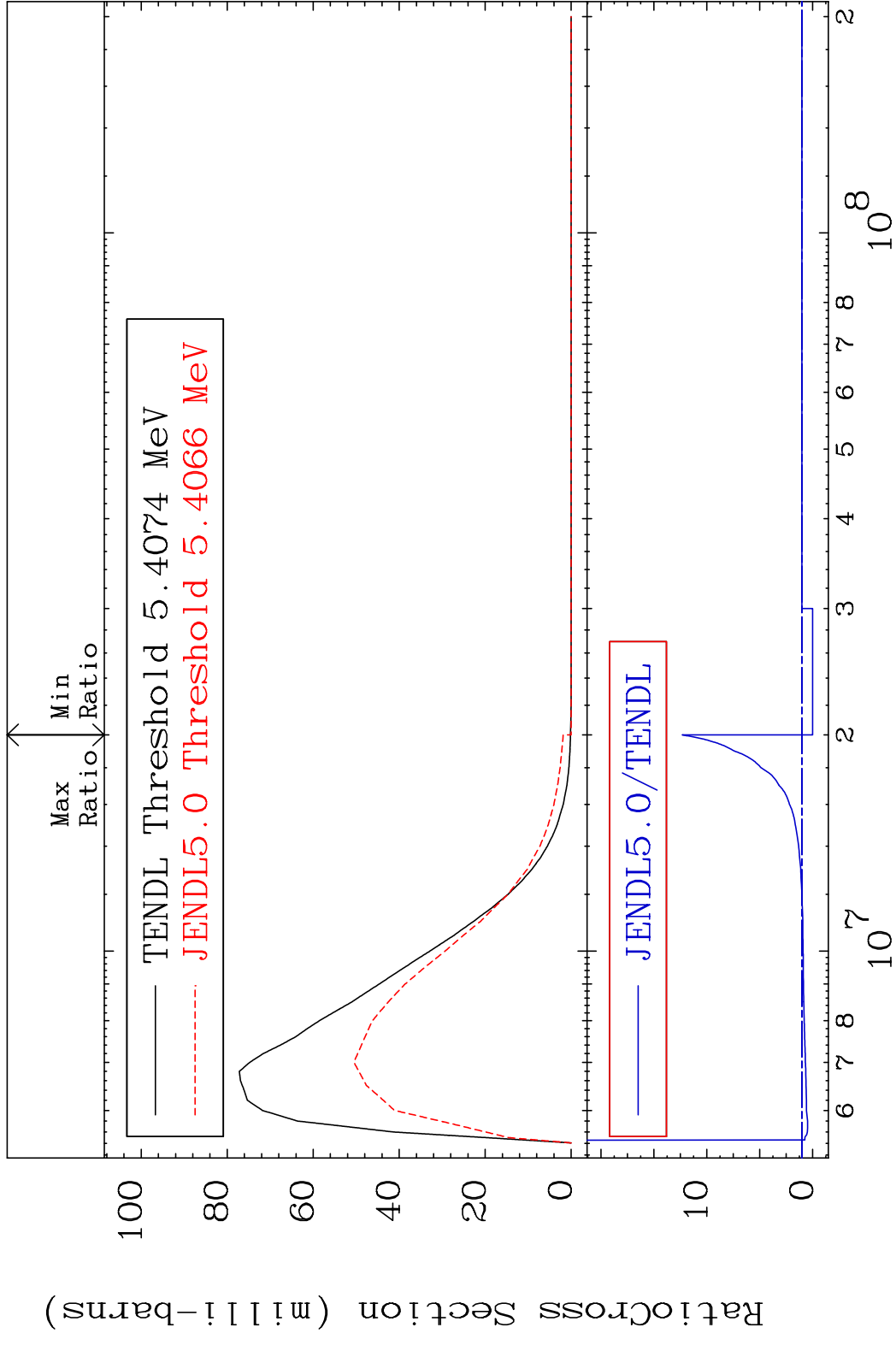


13 14-Si-30

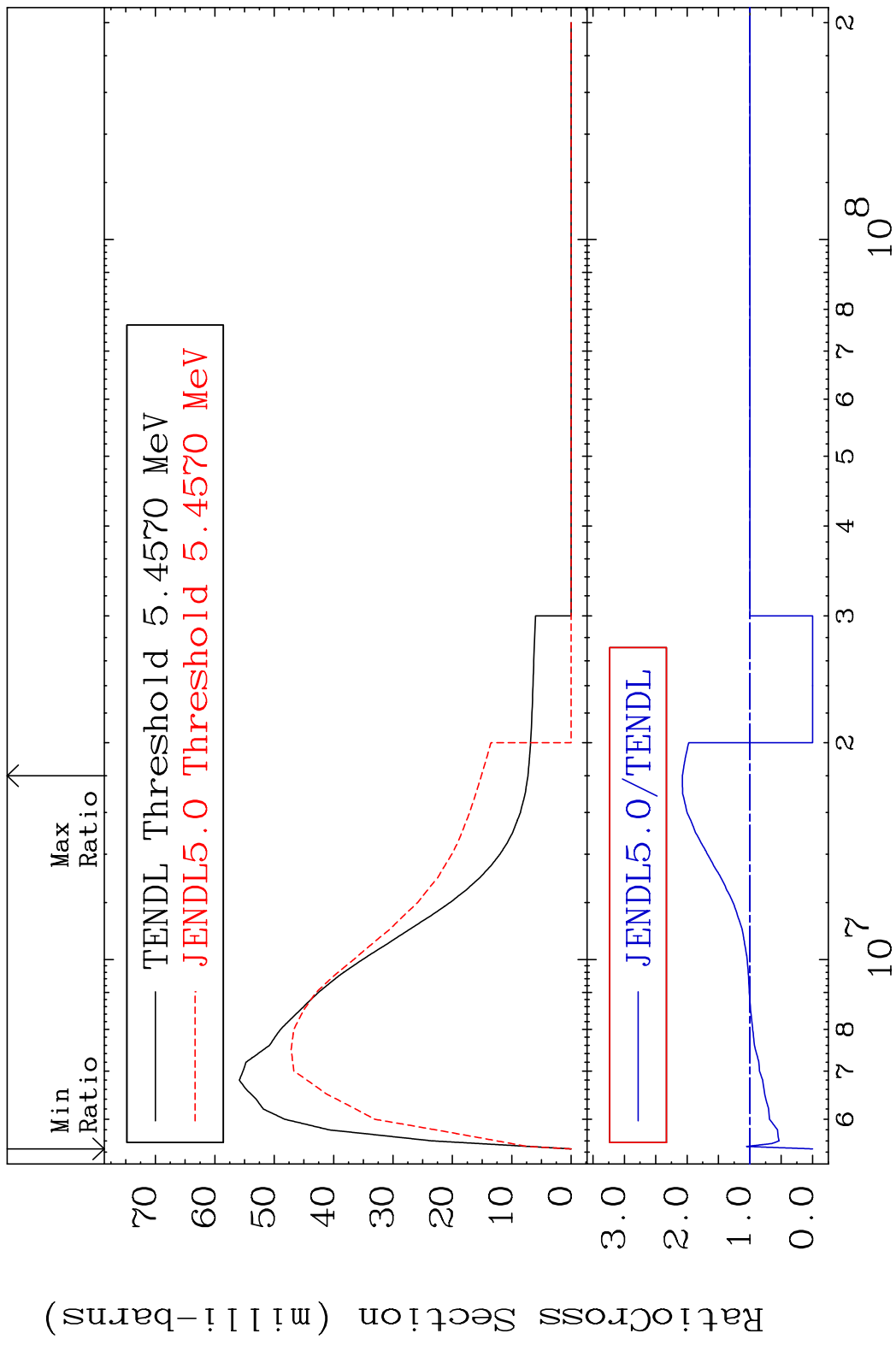
MAT 1431 MT= 56 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1127. %



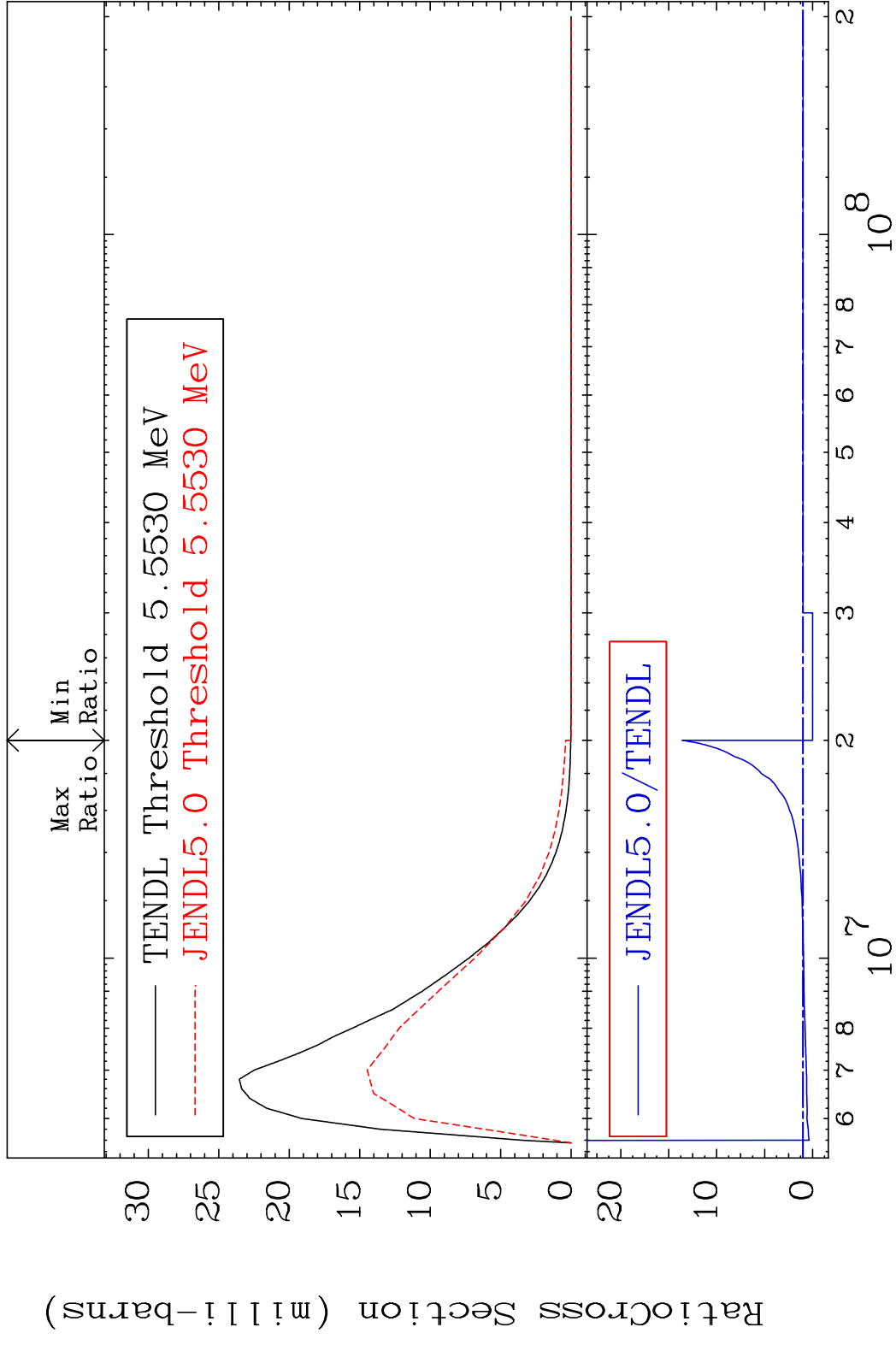
MAT 1431 MT= 57 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1130. %



MAT 1431 MT= 58 (n,n') Level 14-Si-30
 Cross Section -100.0 To 107.6 %

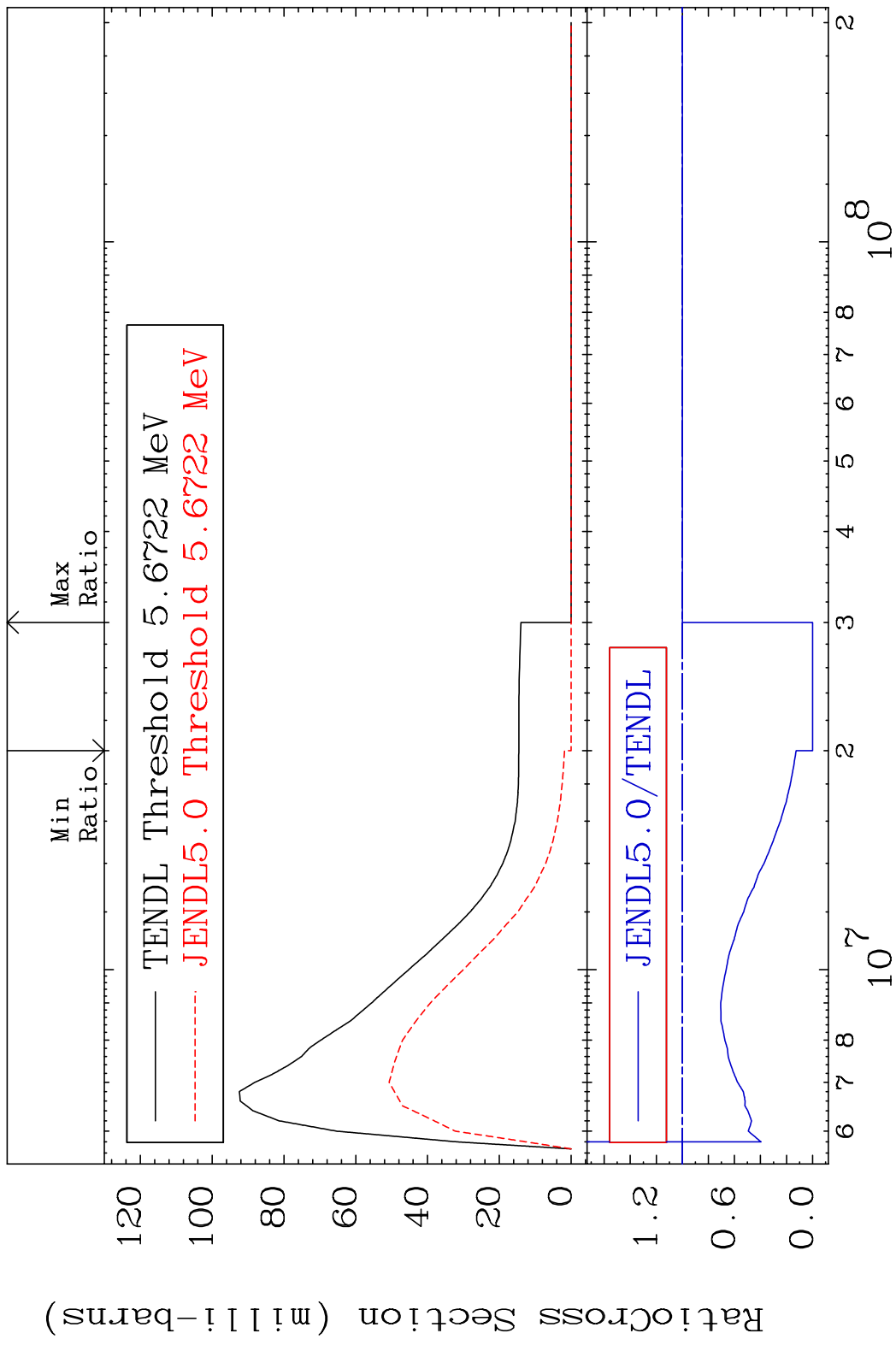


MAT 1431 MT= 59 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1258. %

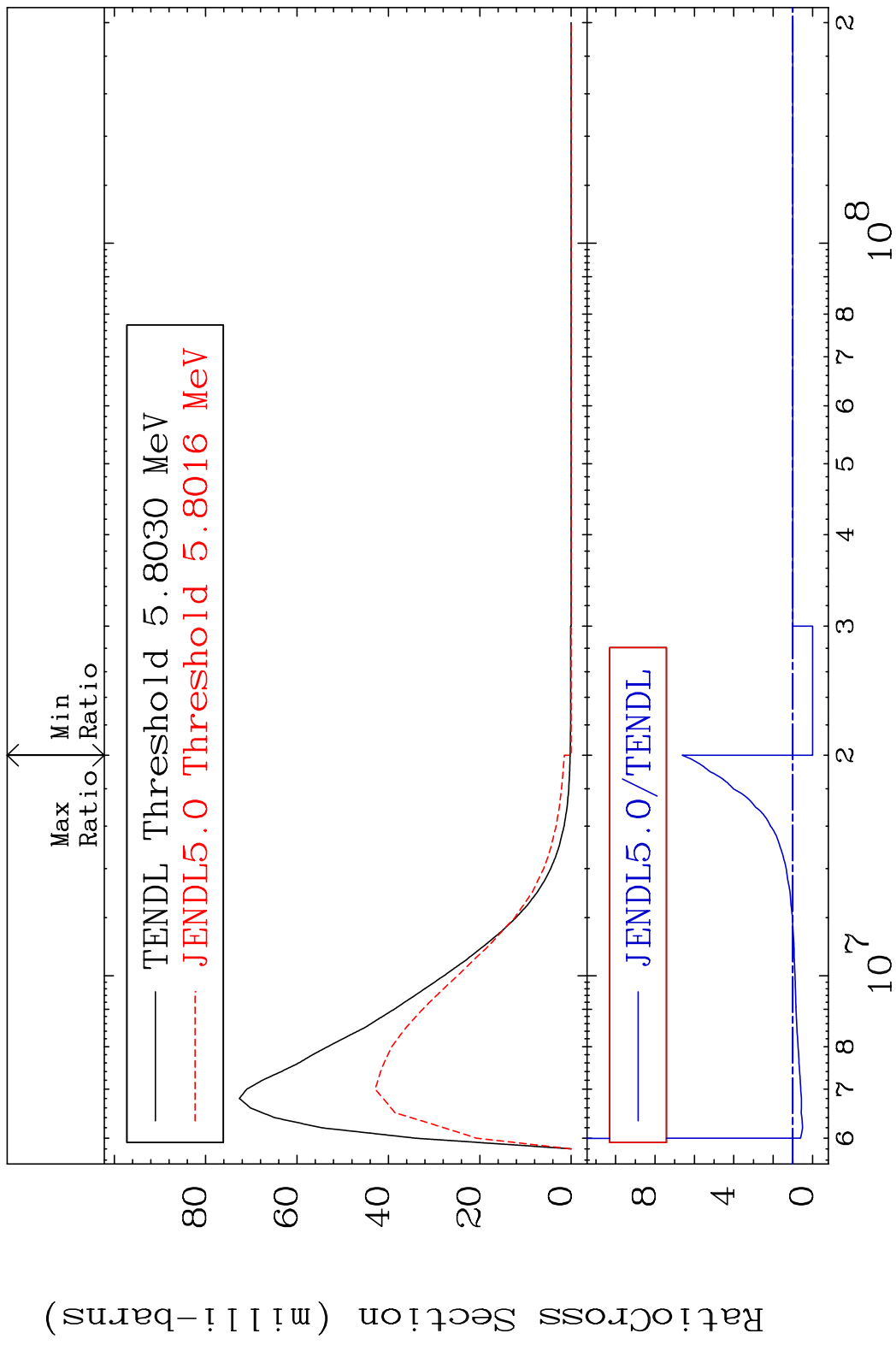


17 14-Si-30

MAT 1431 MT= 60 (n, n') Level 14-Si-30
 Cross Section -100.0 To 0.000 %

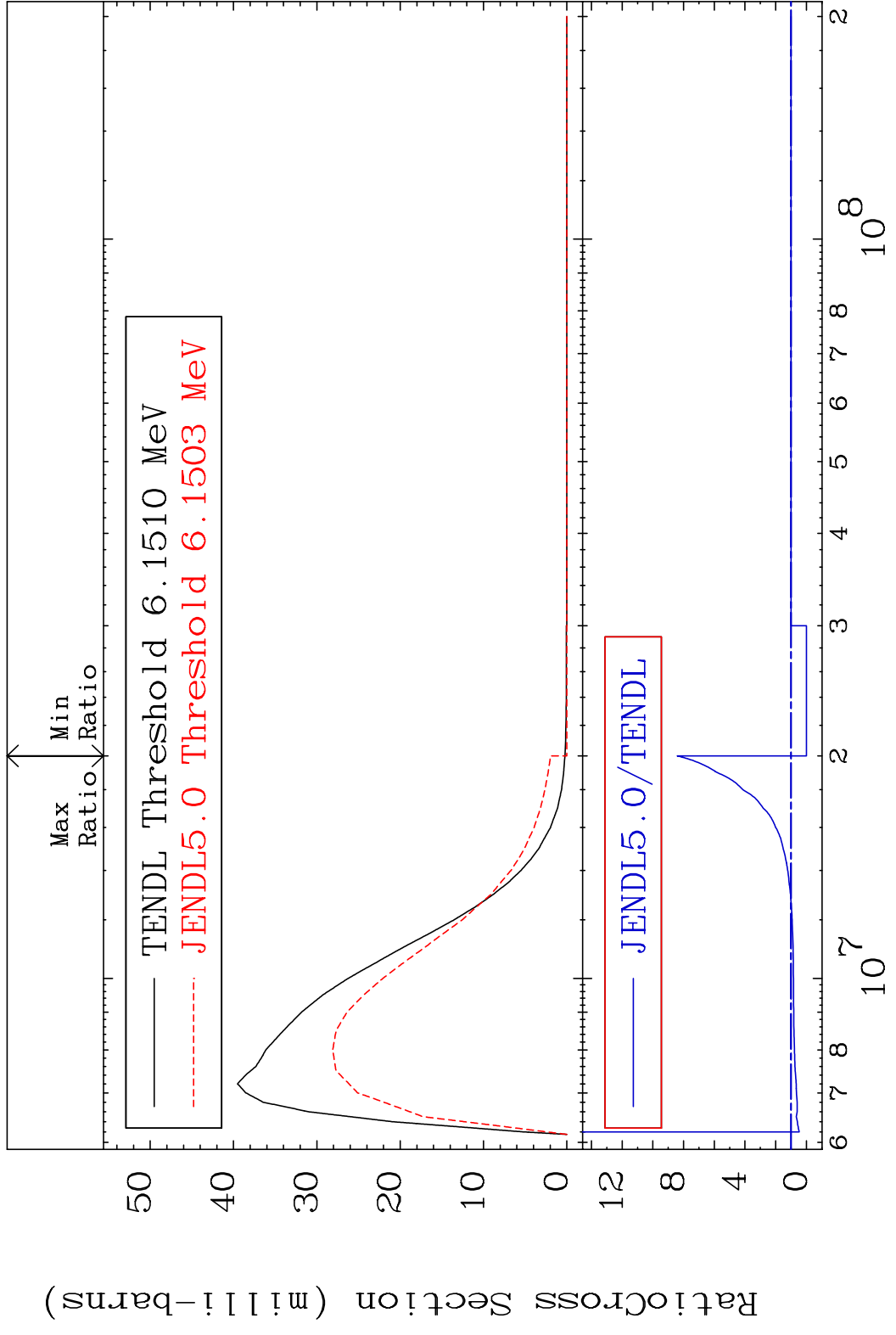


MAT 1431 MT= 61 (n,n') Level 14-Si-30
 Cross Section -100.0 To 561.2 %



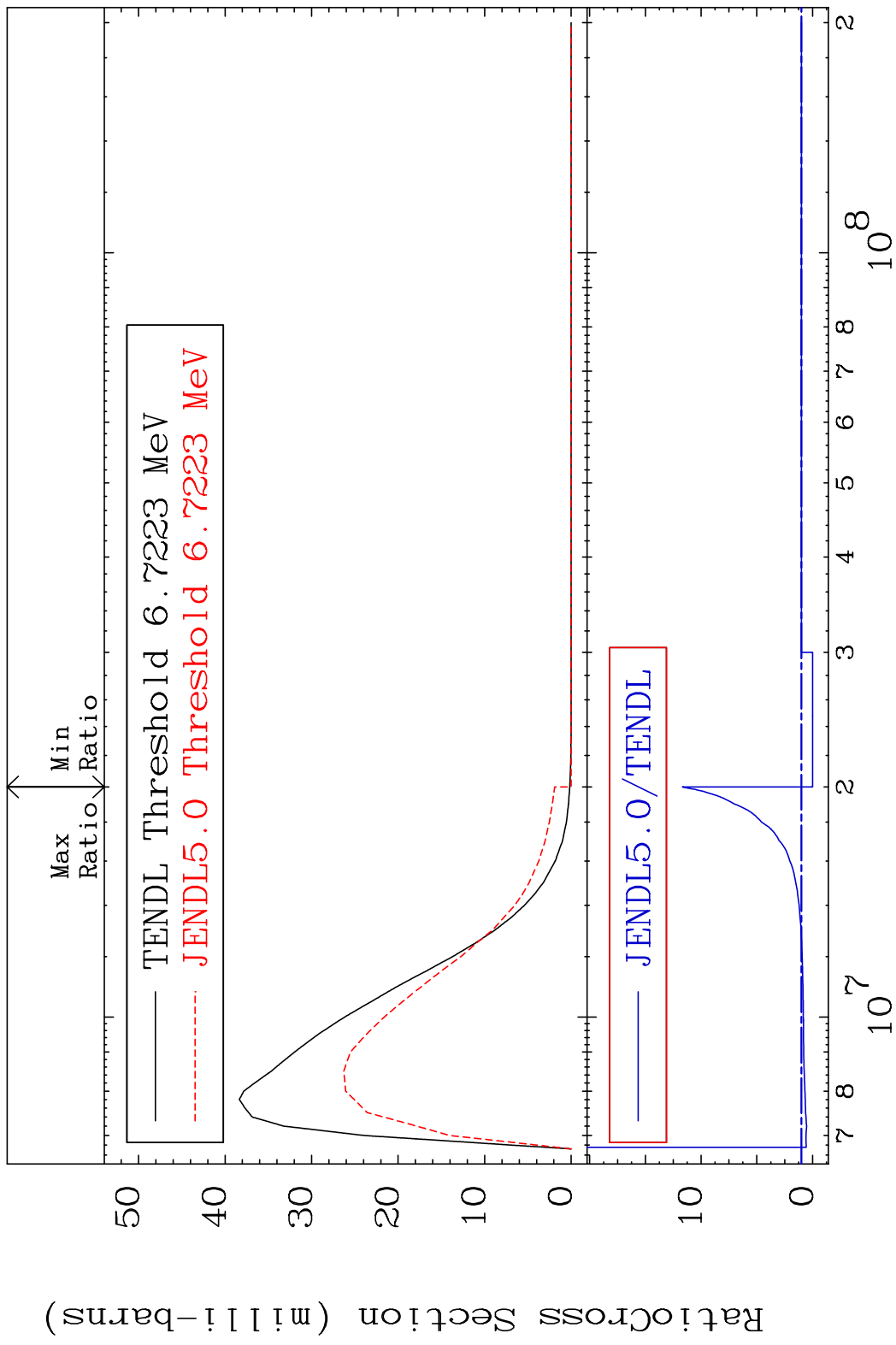
19 14-Si-30

MAT 1431 MT= 62 (n, n') Level 14-Si-30
 Cross Section -100.0 To 741.7 %

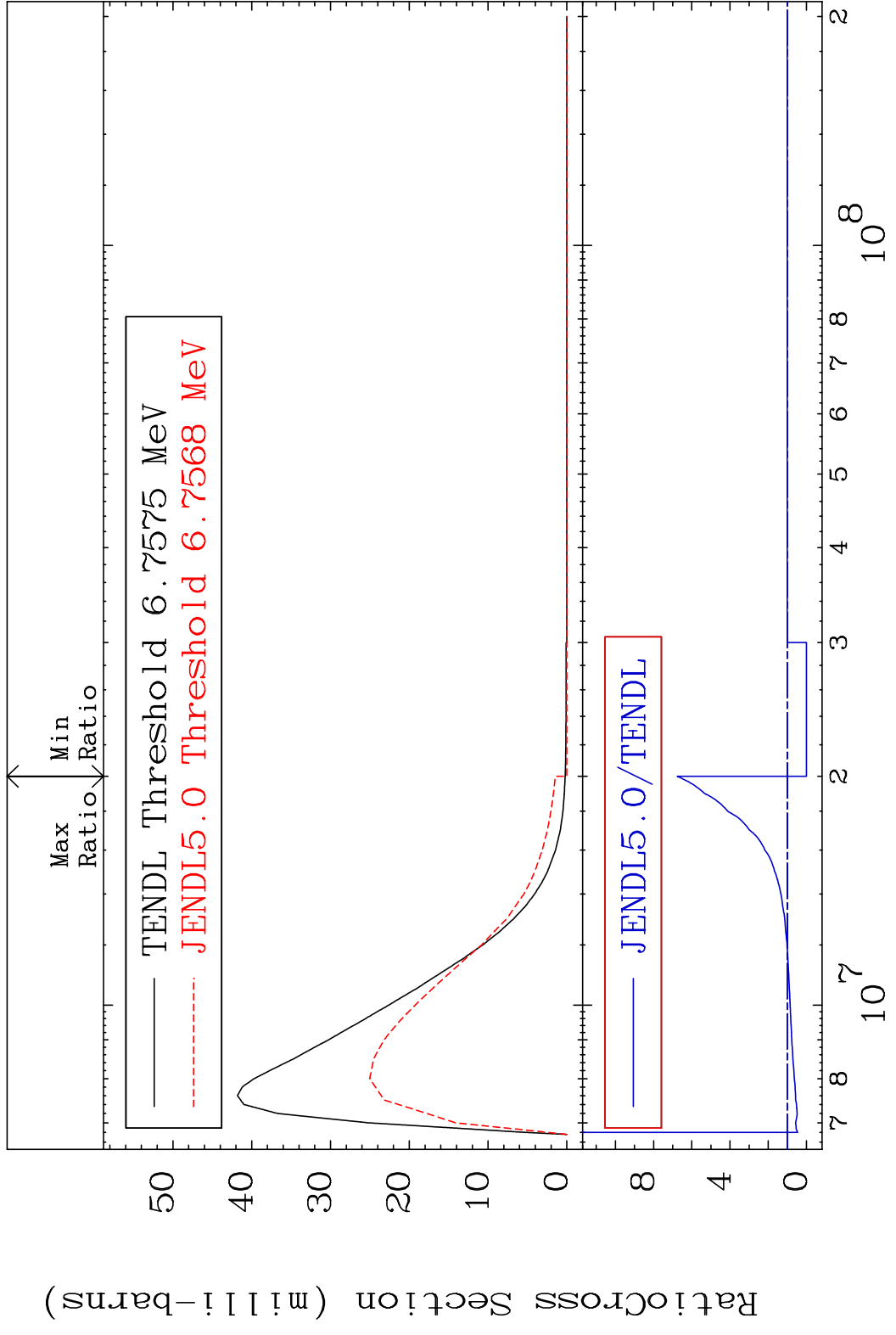


20 Incident Energy (eV) 14-Si-30

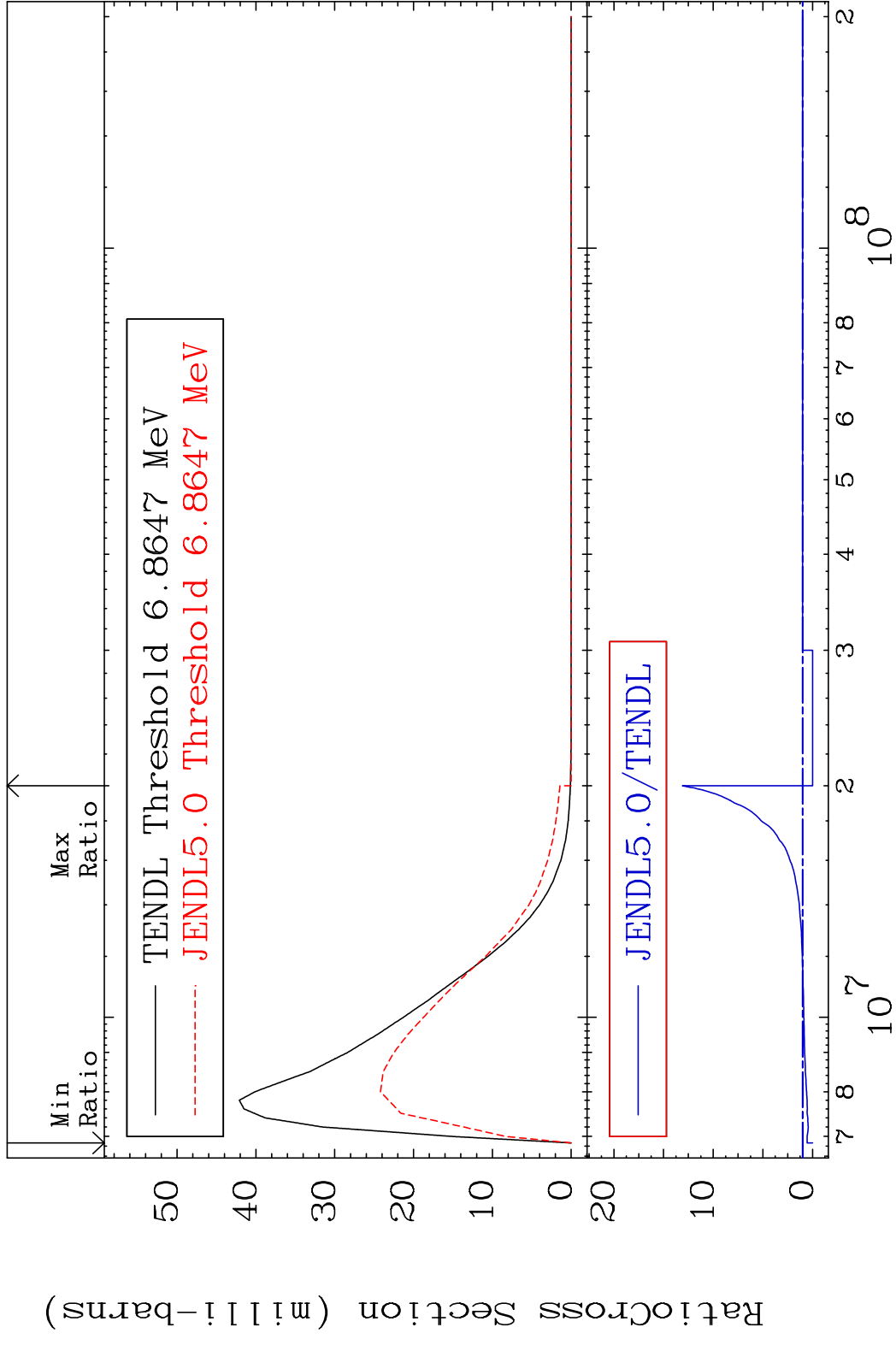
MAT 1431 MT= 63 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1068. %



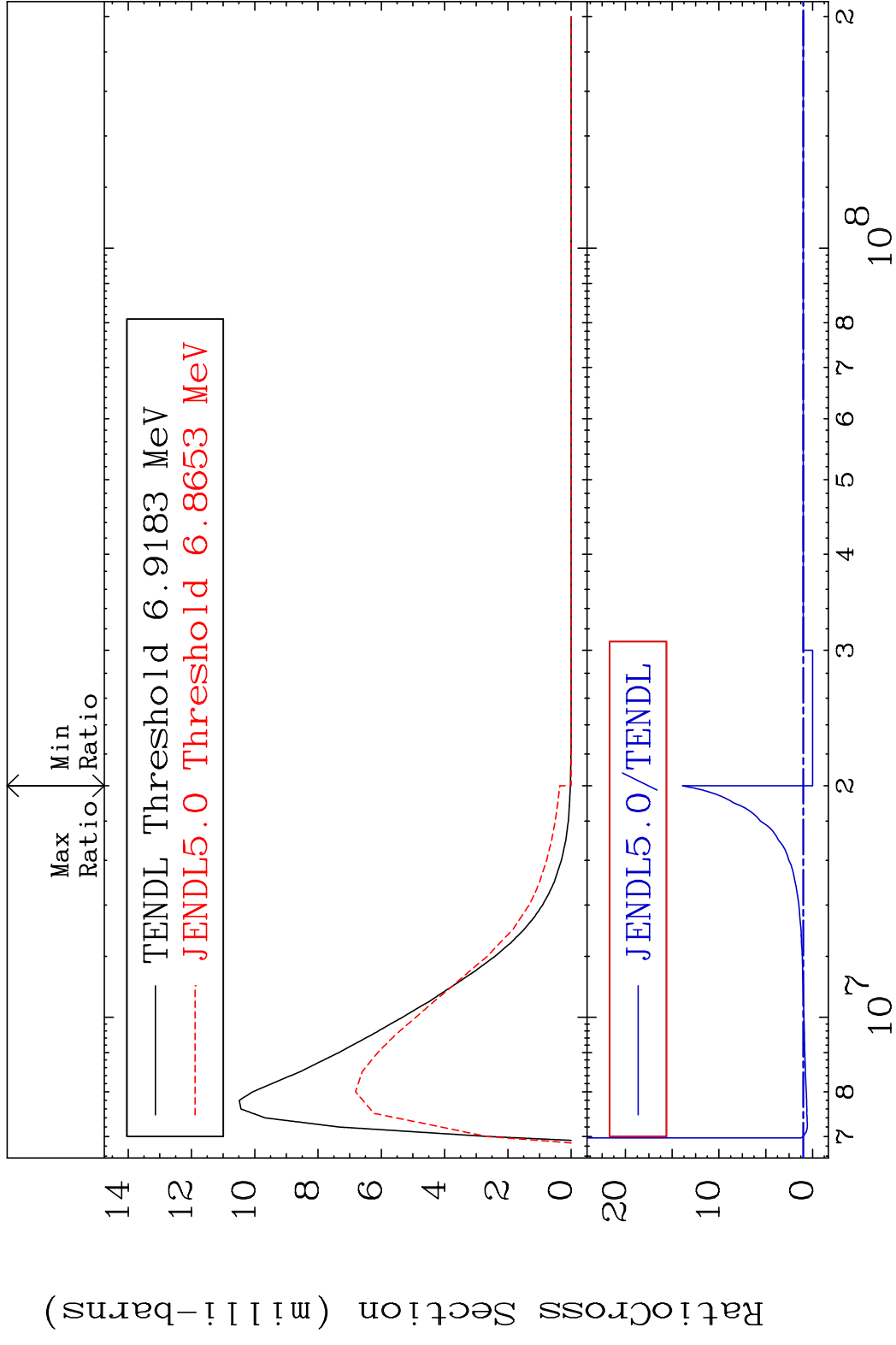
MAT 1431 MT= 64 (n,n') Level 14-Si-30
 Cross Section -100.0 To 576.4 %



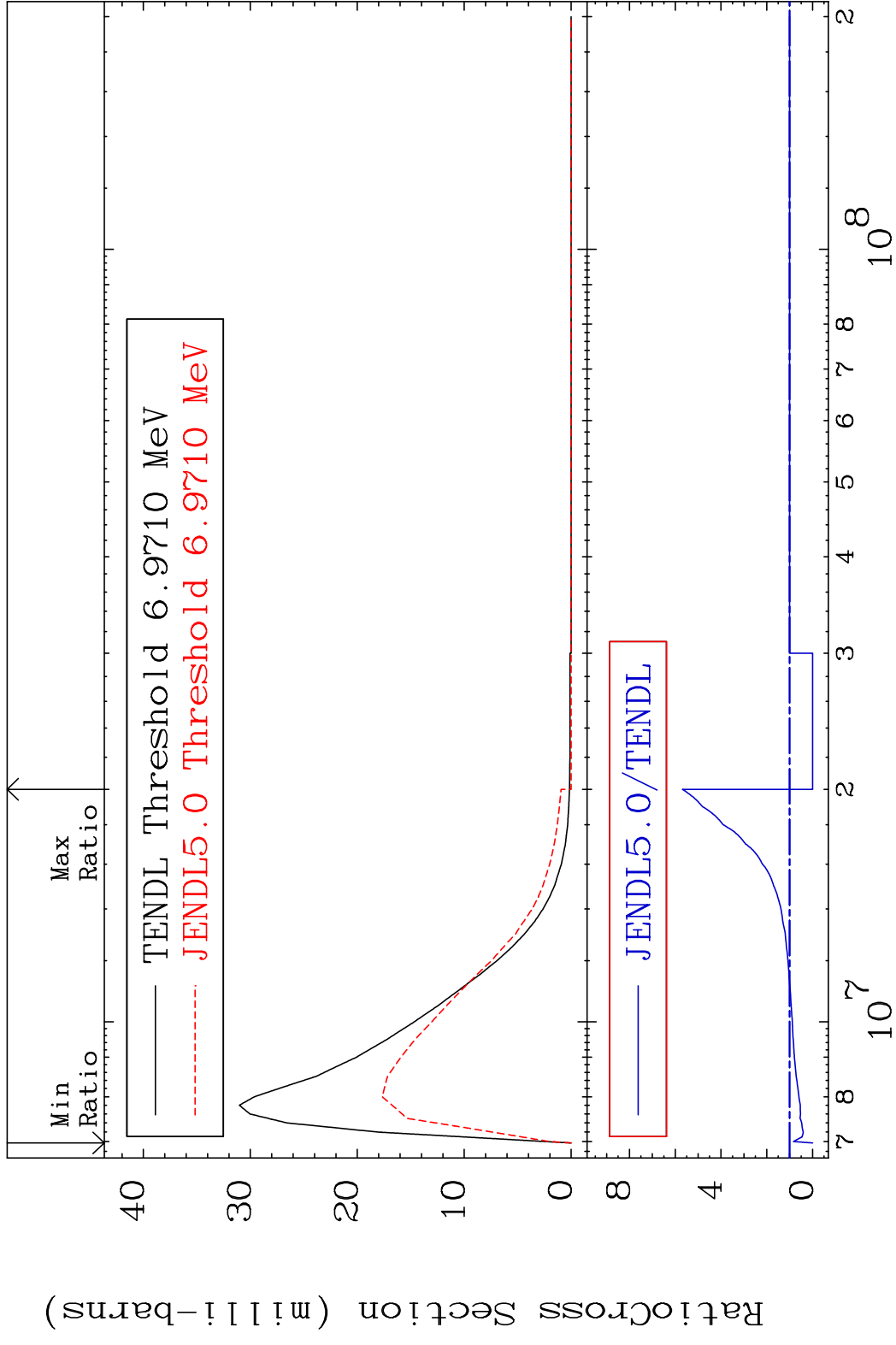
MAT 1431 MT= 65 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1211. %



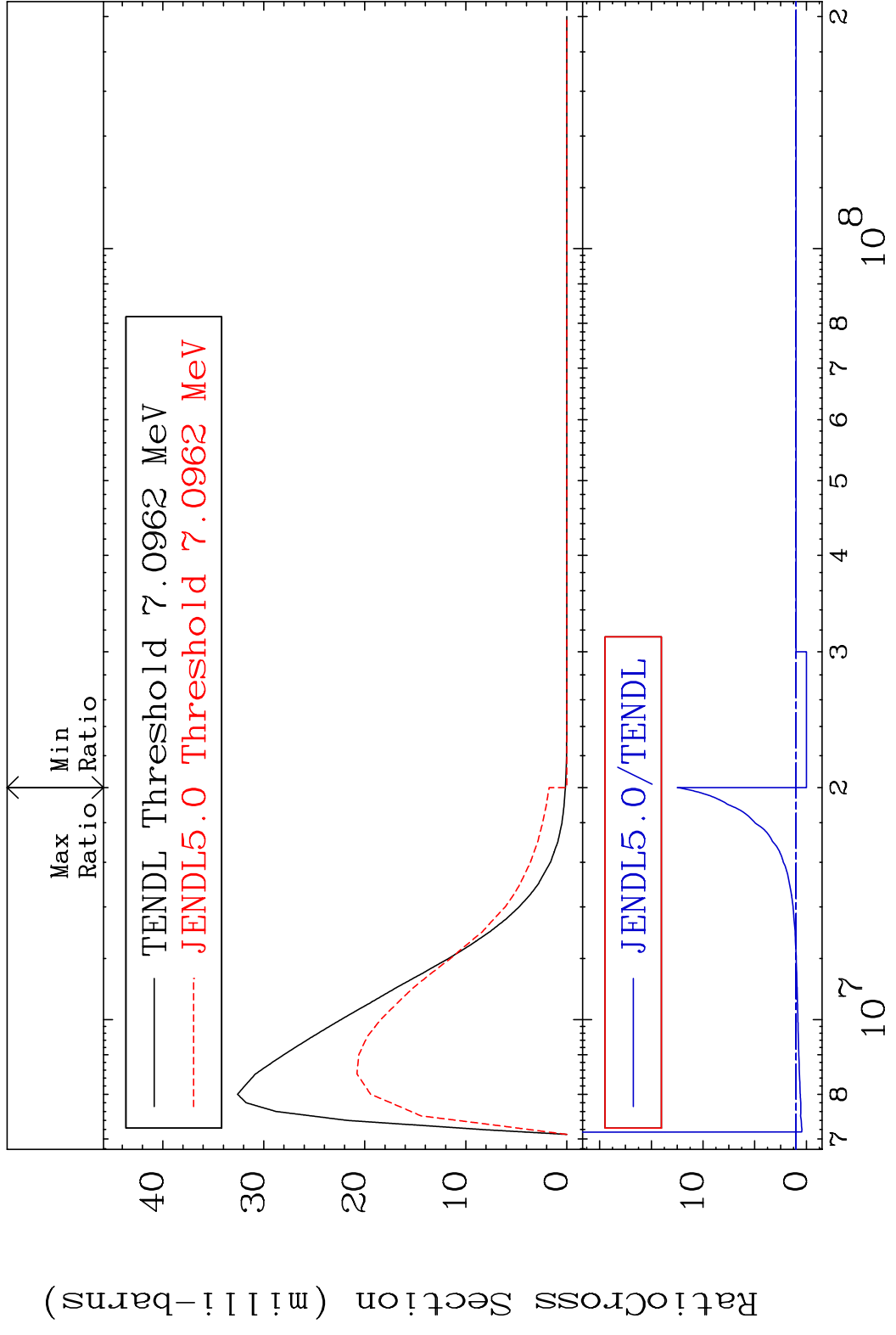
MAT 1431 MT= 66 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1292. %



MAT 1431 MT= 67 (n,n') Level 14-Si-30
 Cross Section -100.0 To 469.0 %

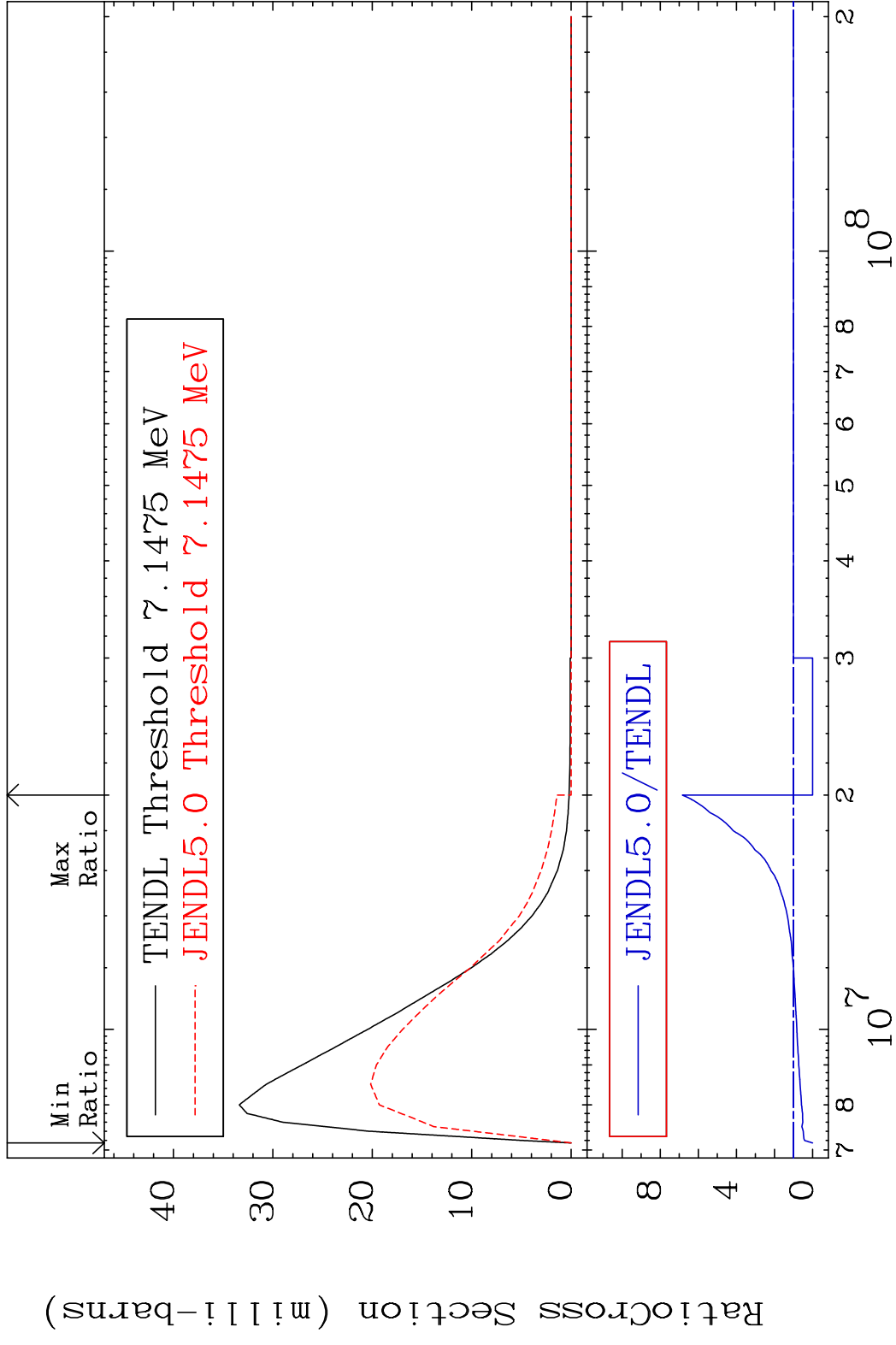


MAT 1431 MT= 68 (n,n') Level 14-Si-30
 Cross Section -100.0 To 1150. %



26 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 69 (n,n') Level 14-Si-30
 Cross Section -100.0 To 583.9 %

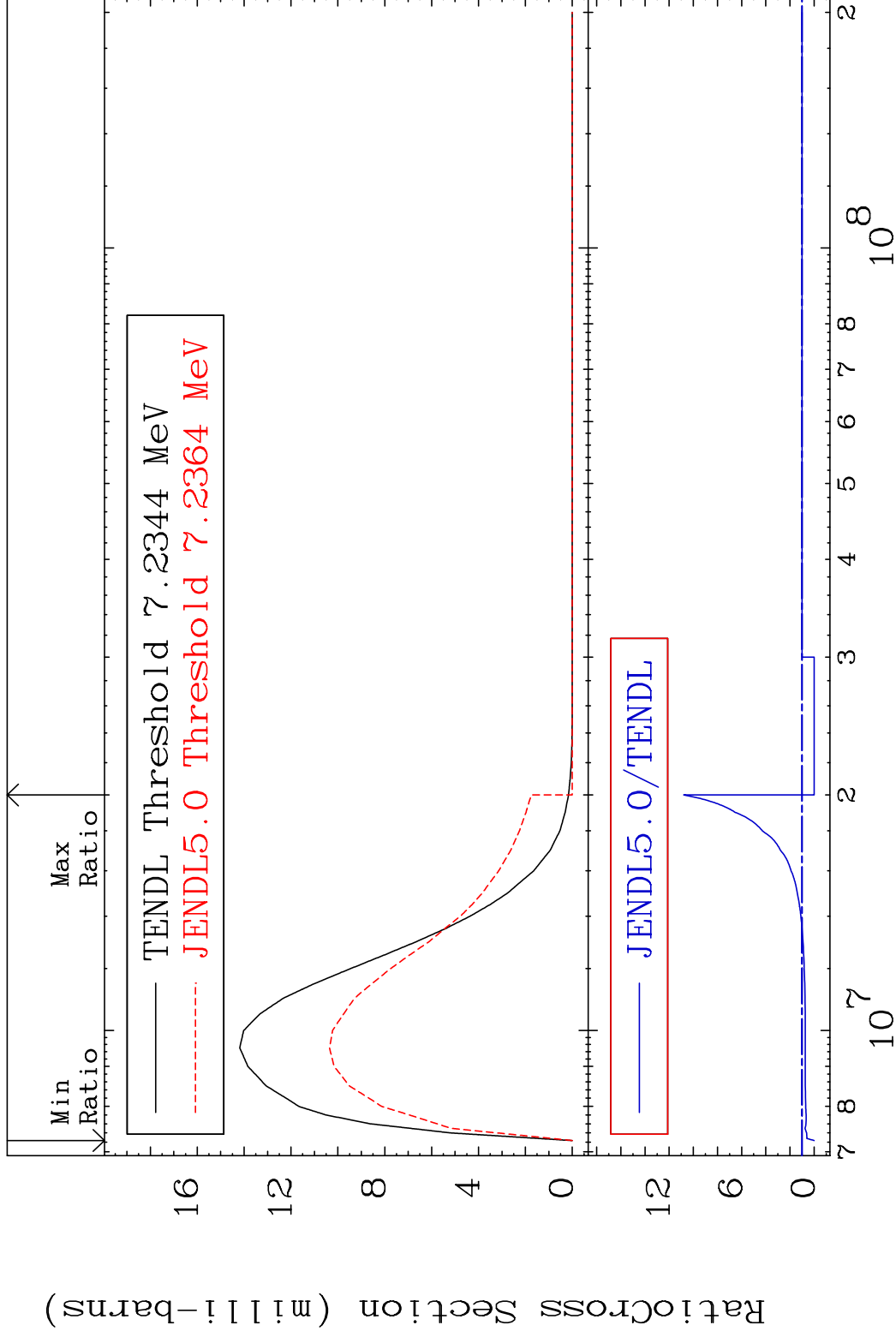


MAT 1431

MT= 70 (n,n') Level

14-Si-30

Cross Section -100.0 To 980.1 %

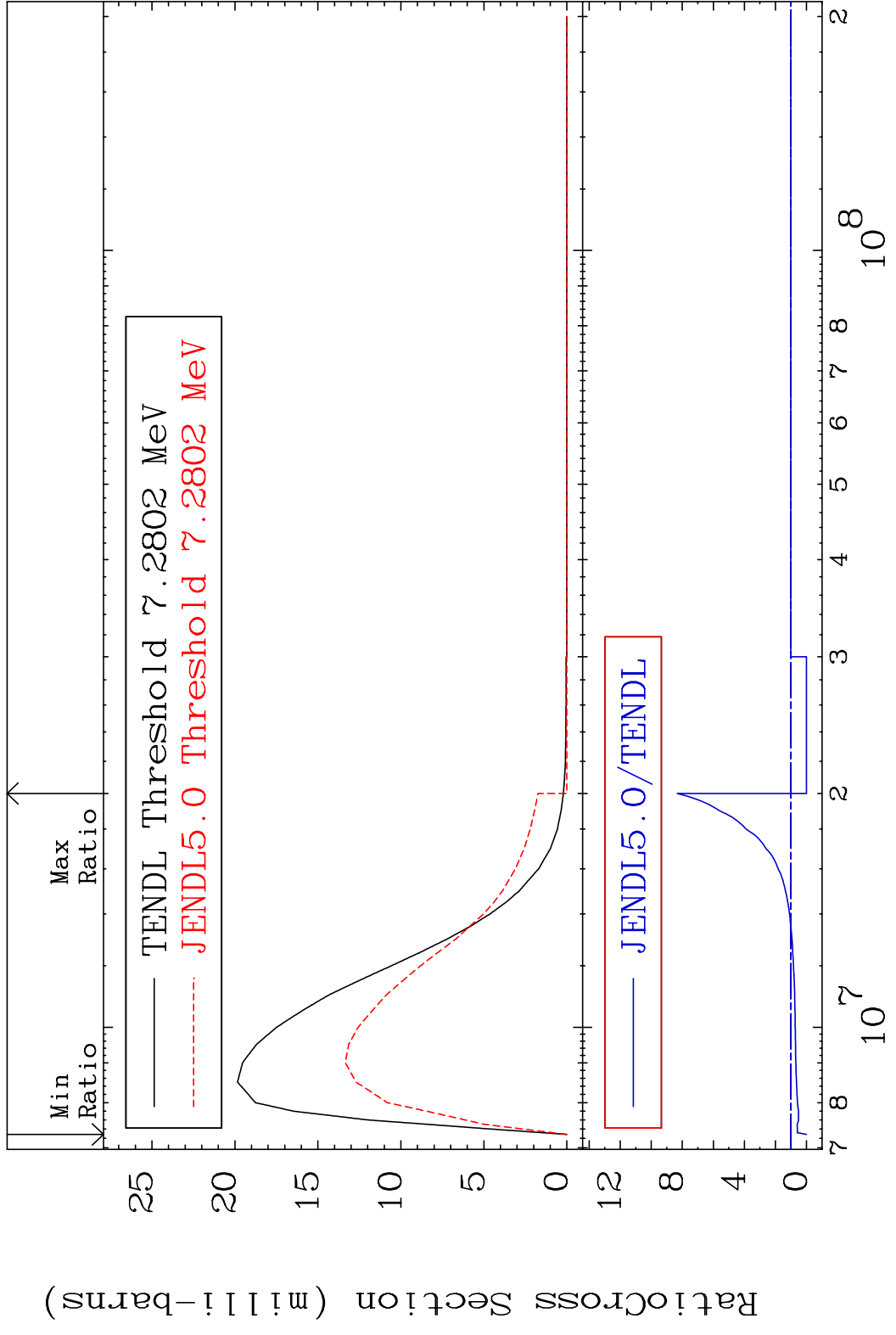


28

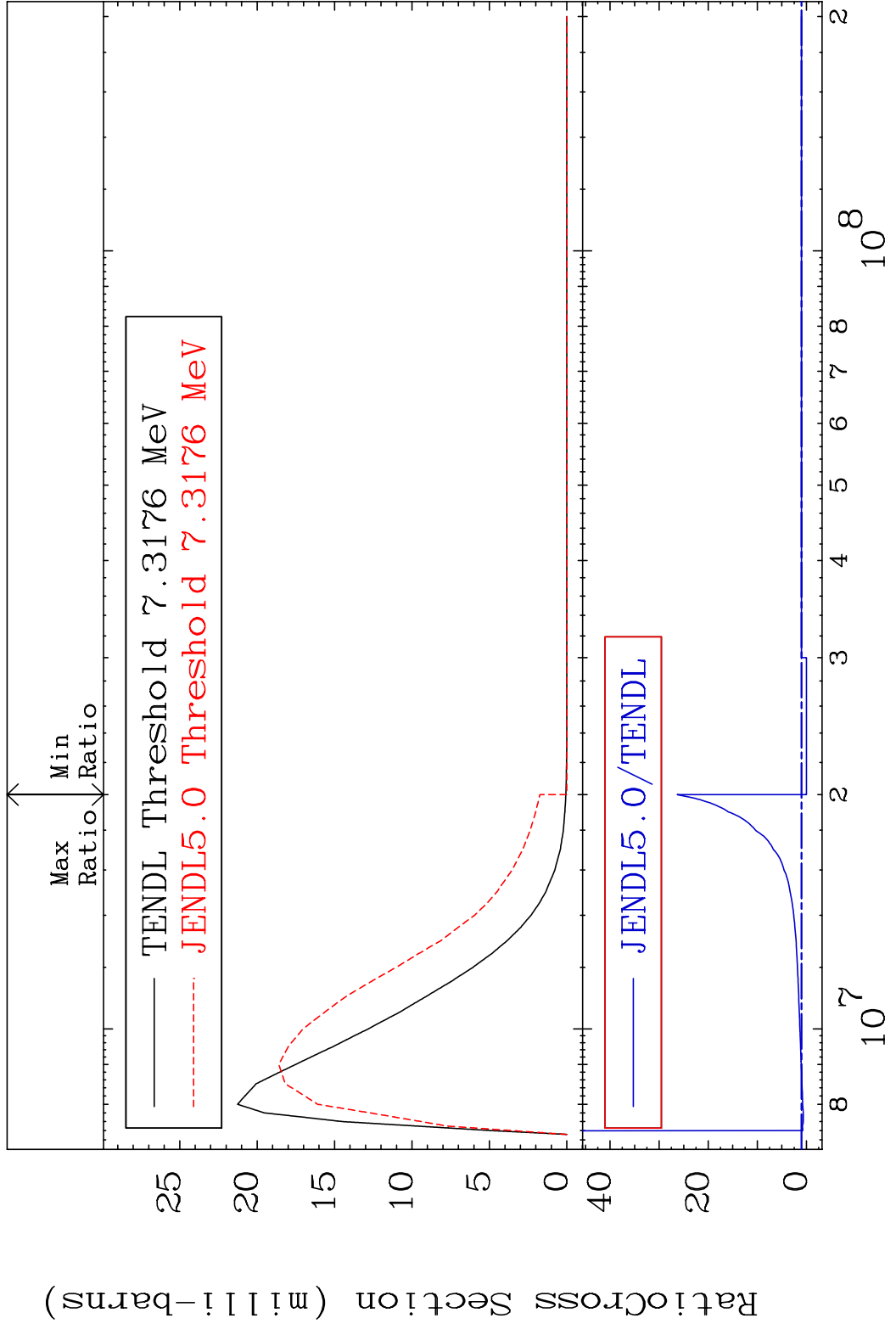
Incident Energy (eV)

14-Si-30

MAT 1431 MT= 71 (n,n') Level 14-Si-30
 Cross Section -100.0 To 733.0 %

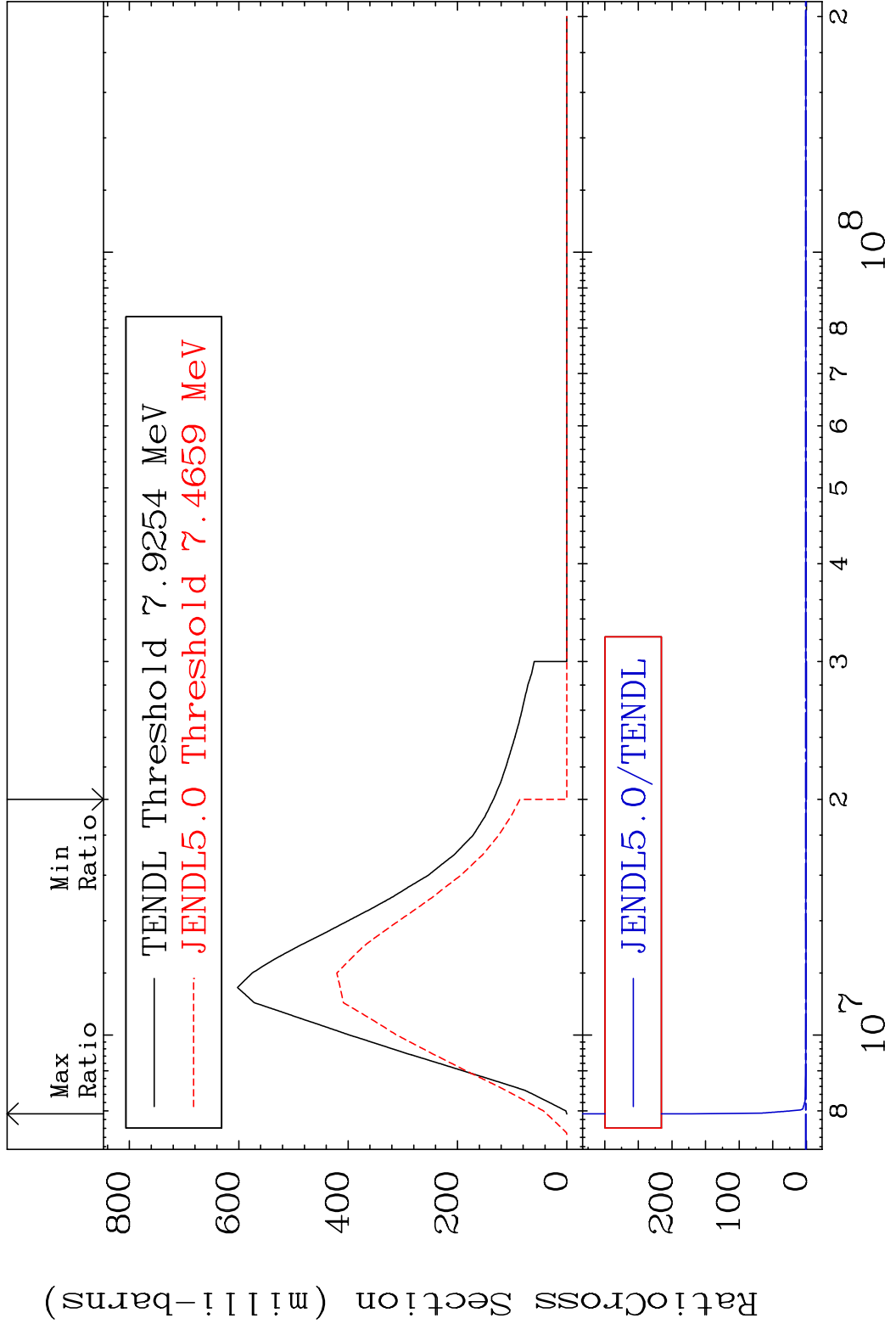


MAT 1431 MT= 72 (n,n') Level 14-Si-30
 Cross Section -100.0 To 2532. %



30 Incident Energy (eV) 14-Si-30

MAT 1431 (n,n') Continuum 14-Si-30
 Cross Section -100.0 To 9999. %



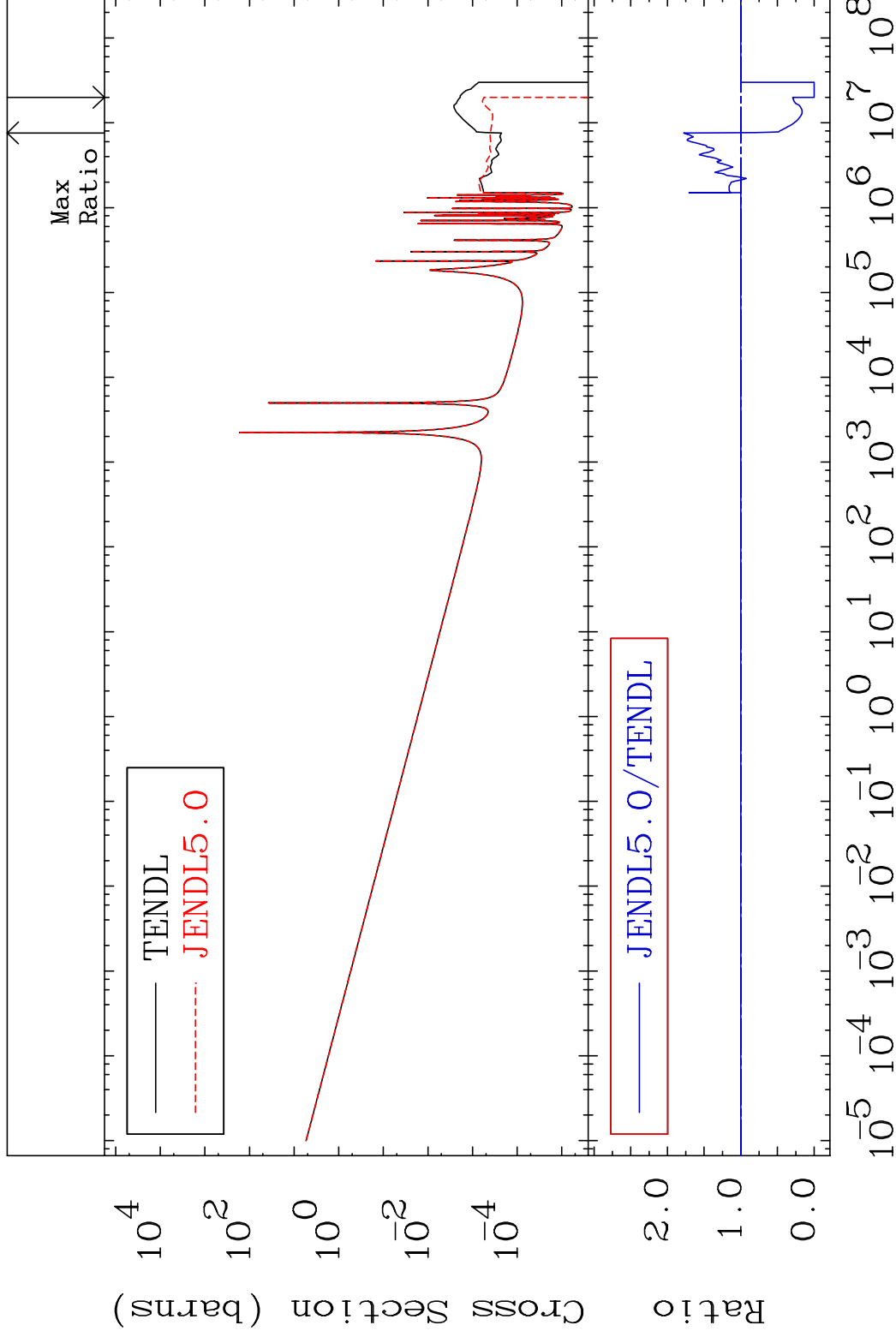
31 Incident Energy (eV) 14-Si-30

MAT 1431

(n, γ)

14-Si-30

Cross Section -100.0 To 77.86 %

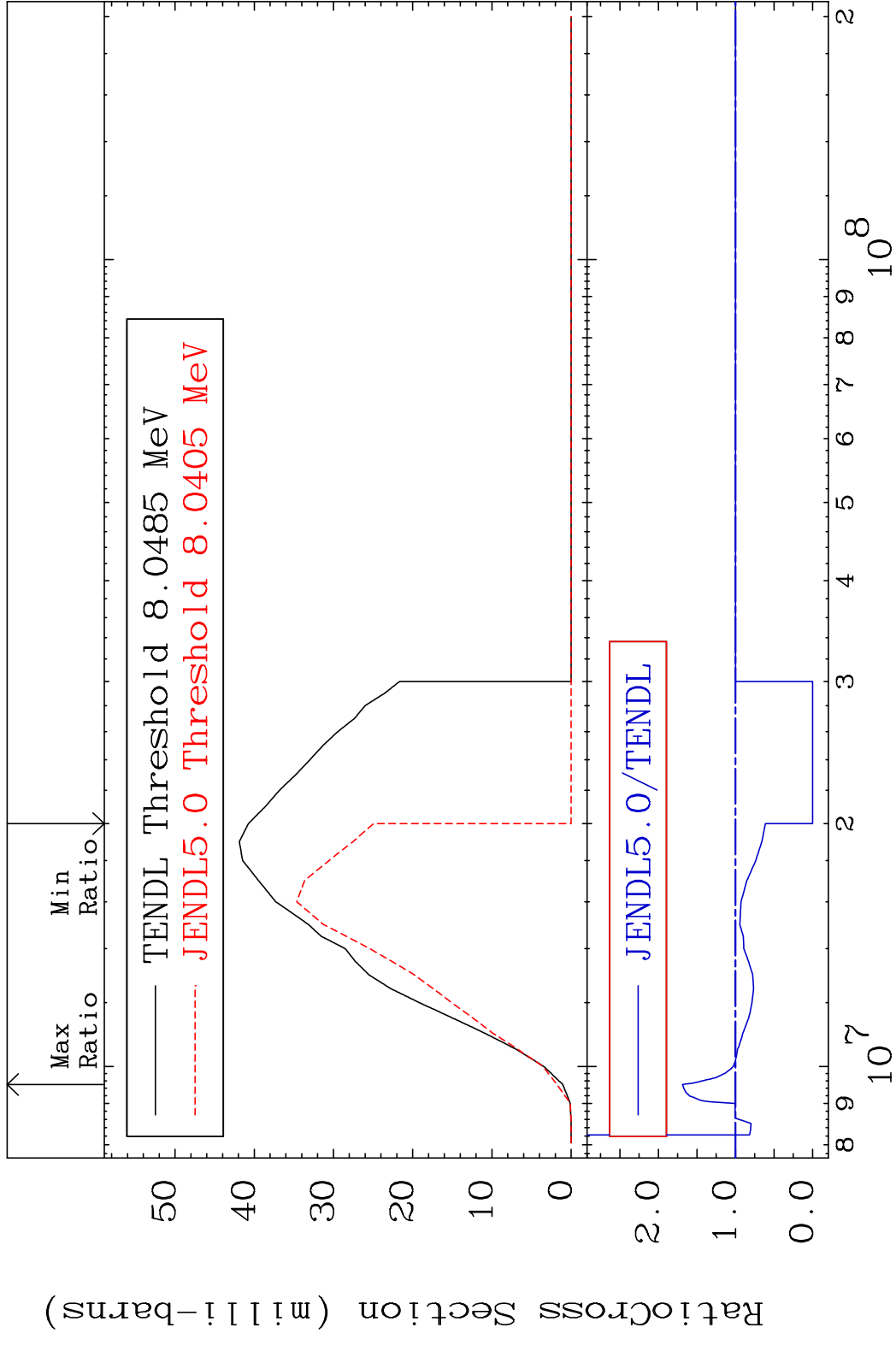


32

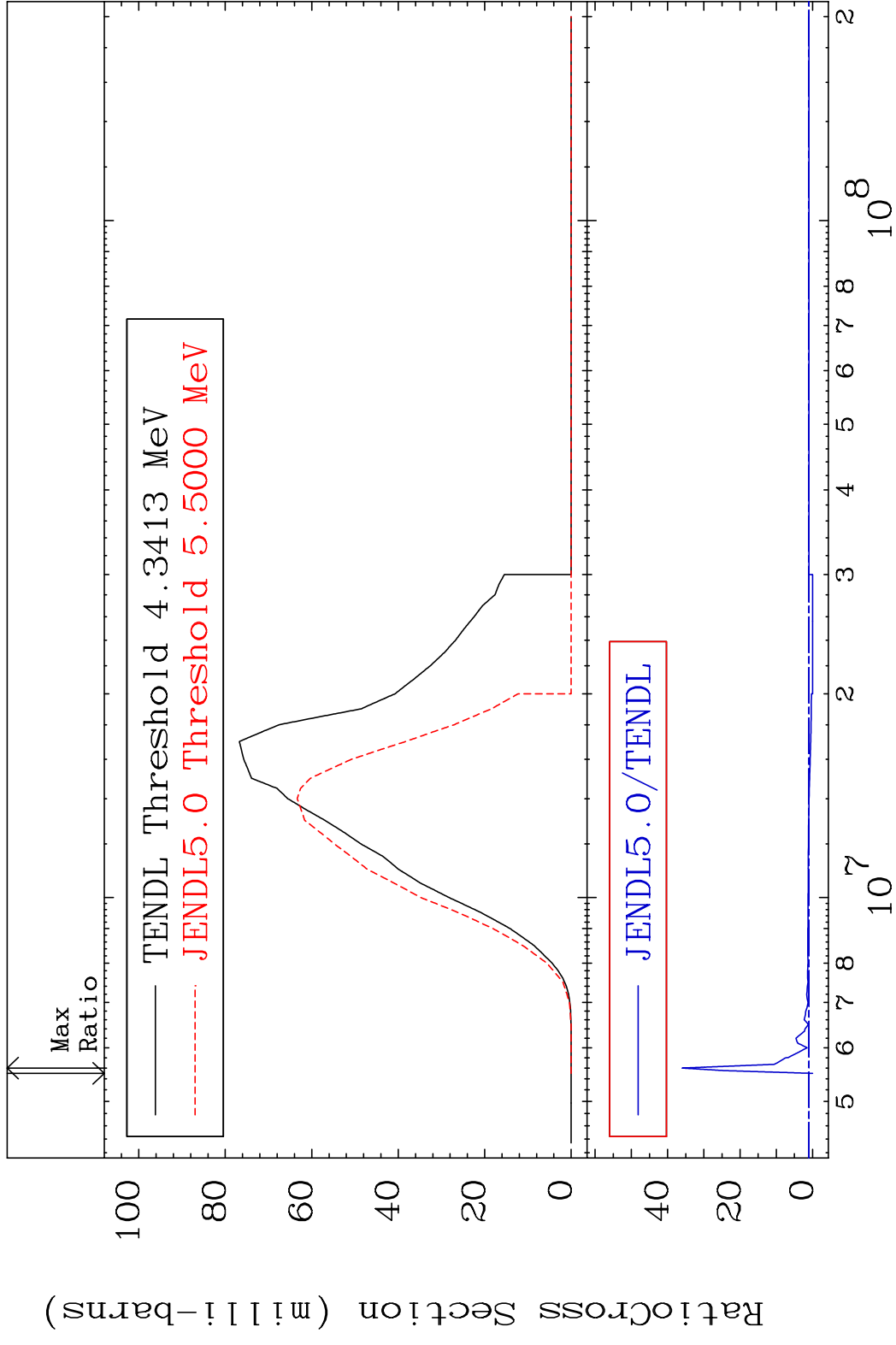
Incident Energy (eV)

14-Si-30

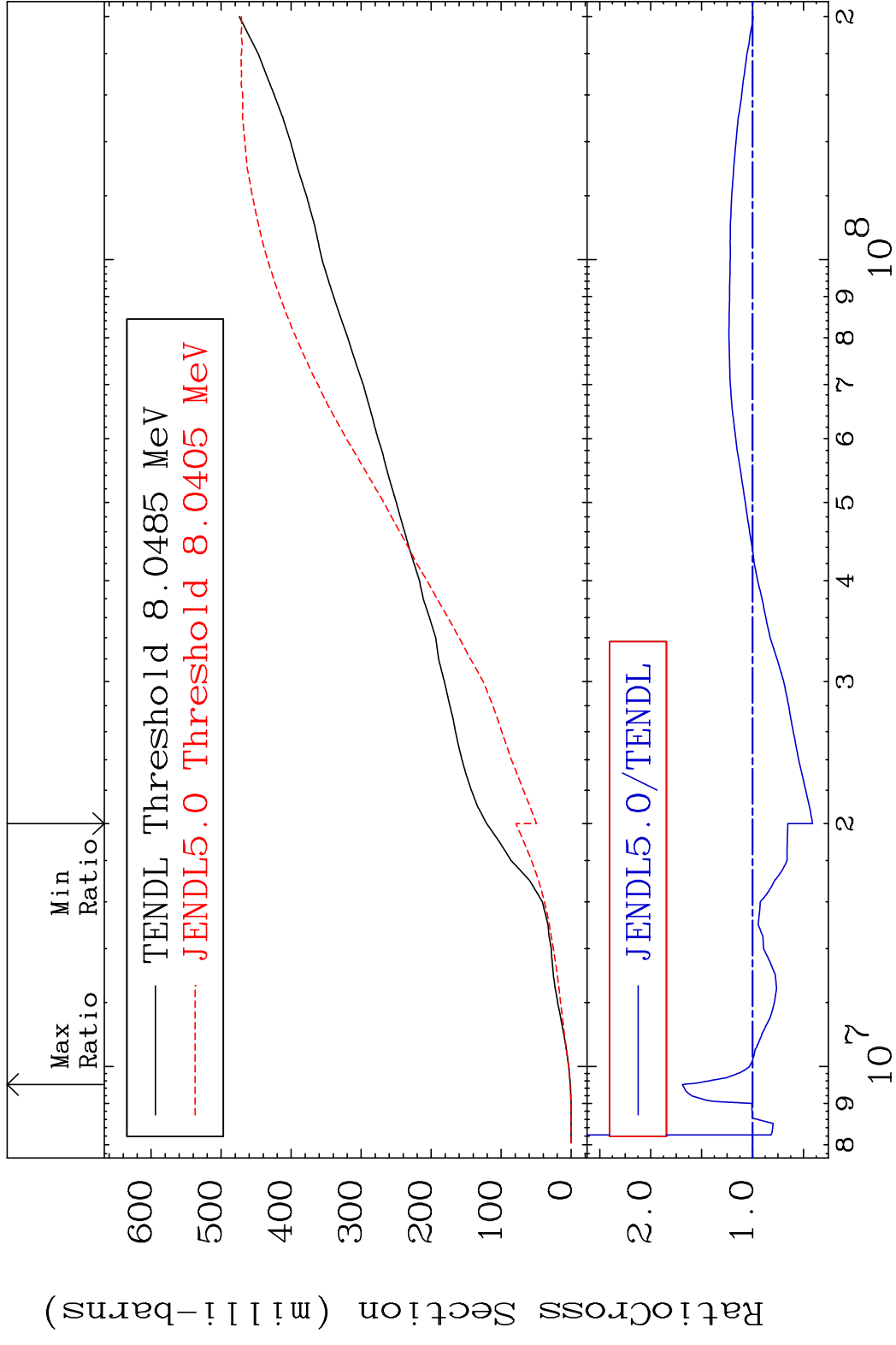
MAT 1431 (n,p) 14-Si-30
 Cross Section -100.0 To 68.89 %



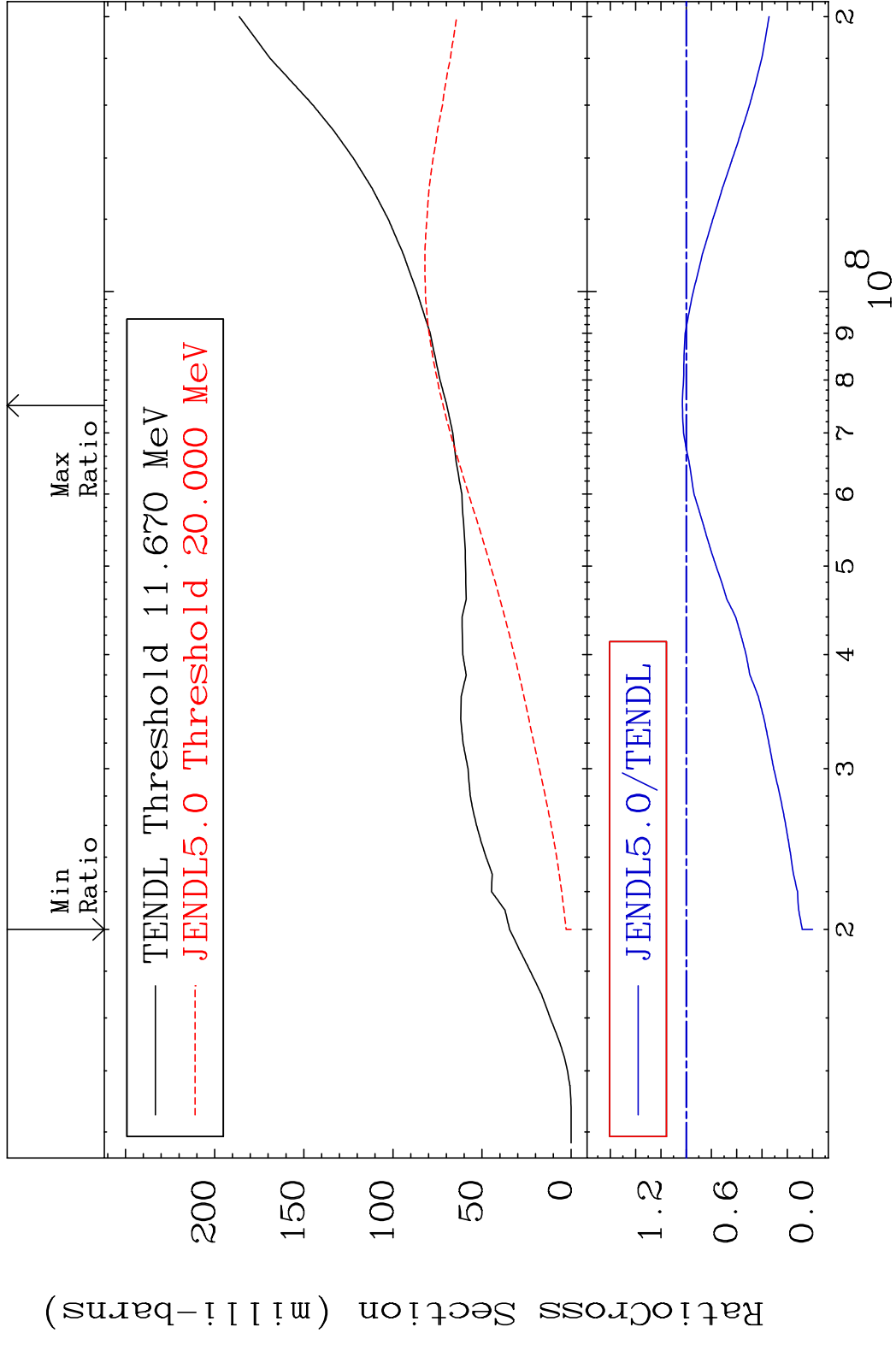
MAT 1431 (n, α) 14-Si-30
 Cross Section -100.0 To 3493. %



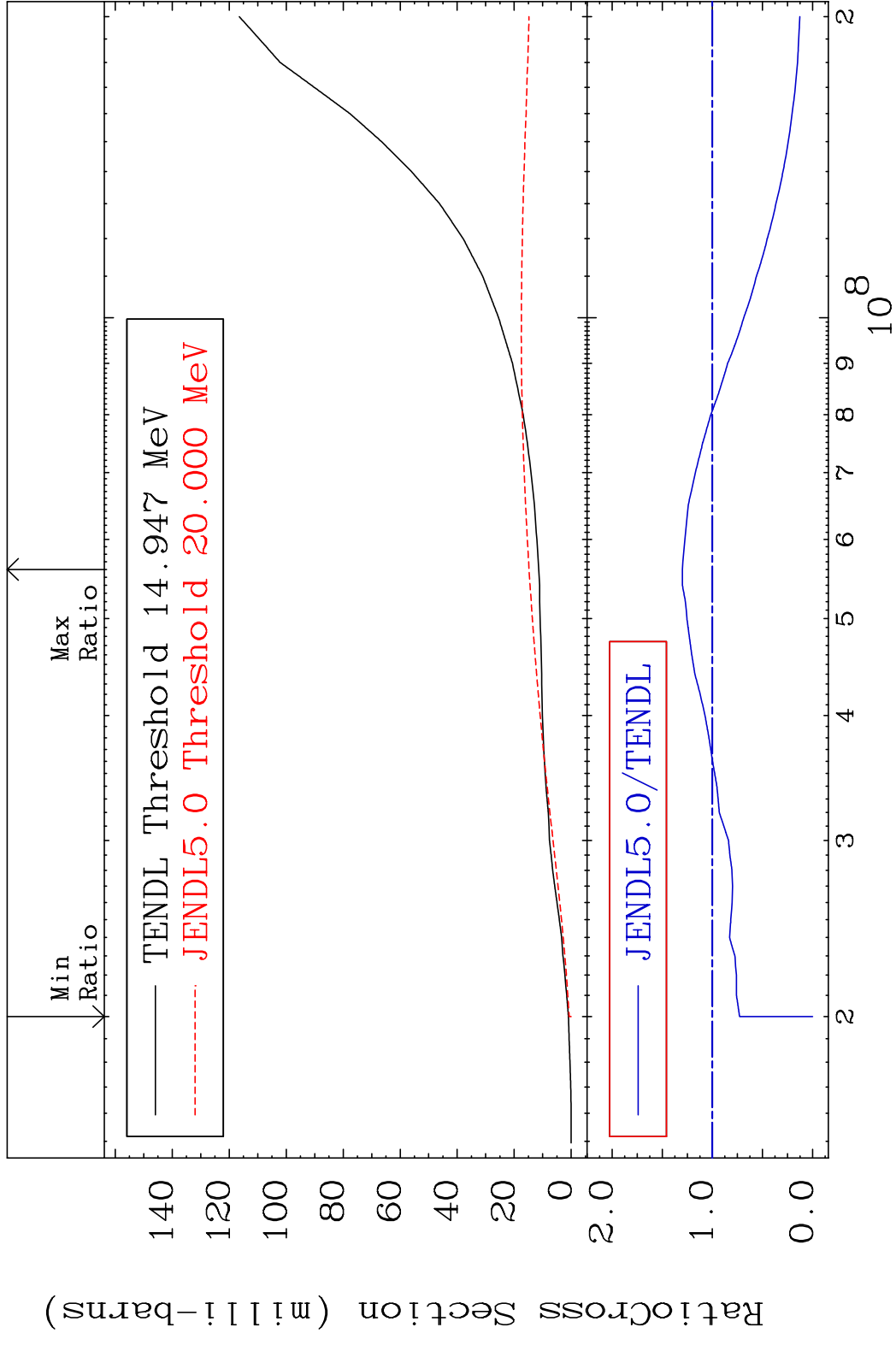
MAT 1431 Hydrogen Production 14-Si-30
 Cross Section -58.92 To 68.89 %



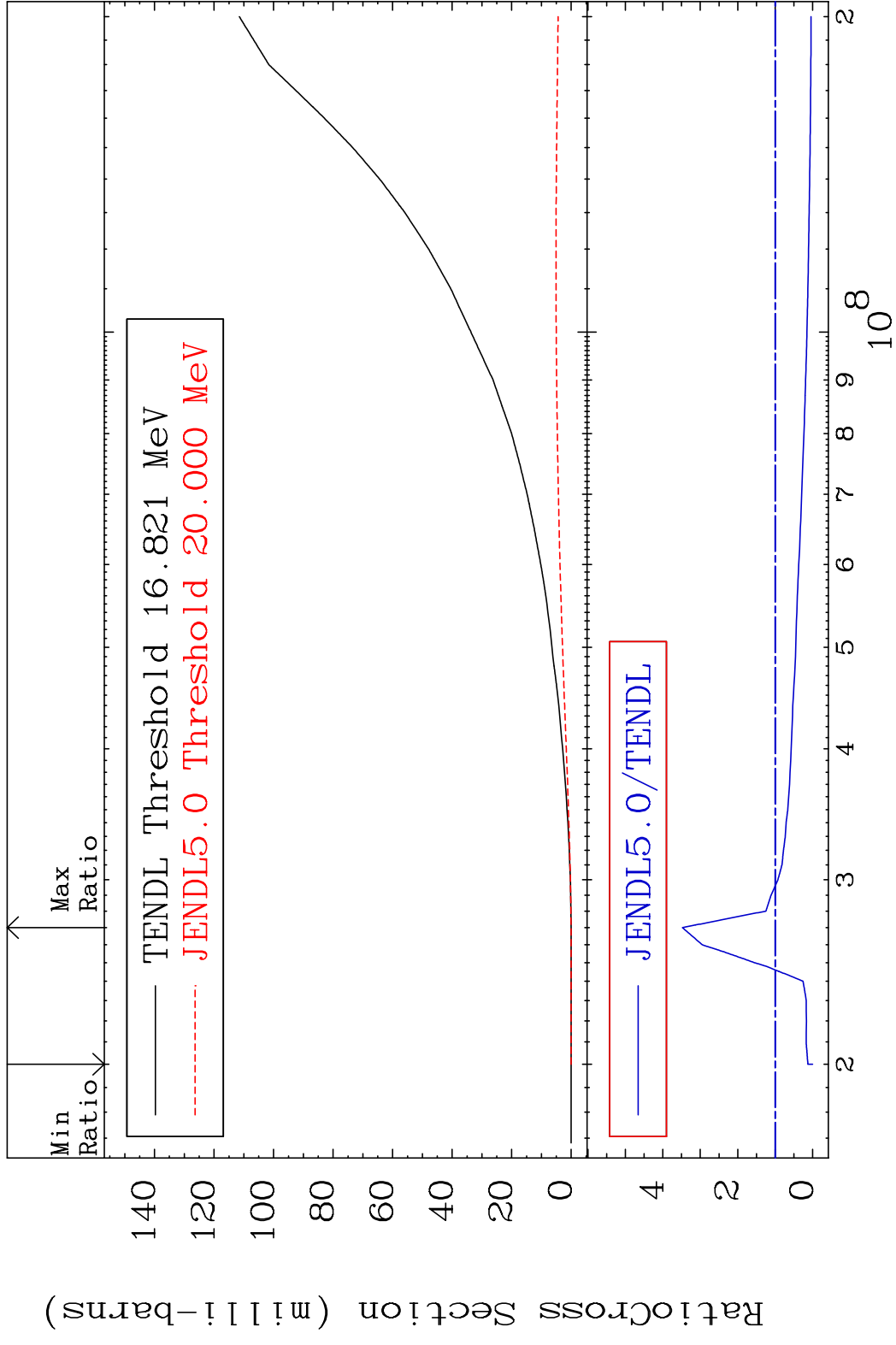
MAT 1431 Deuterium Production 14-Si-30
 Cross Section -100.0 To 3.017 %



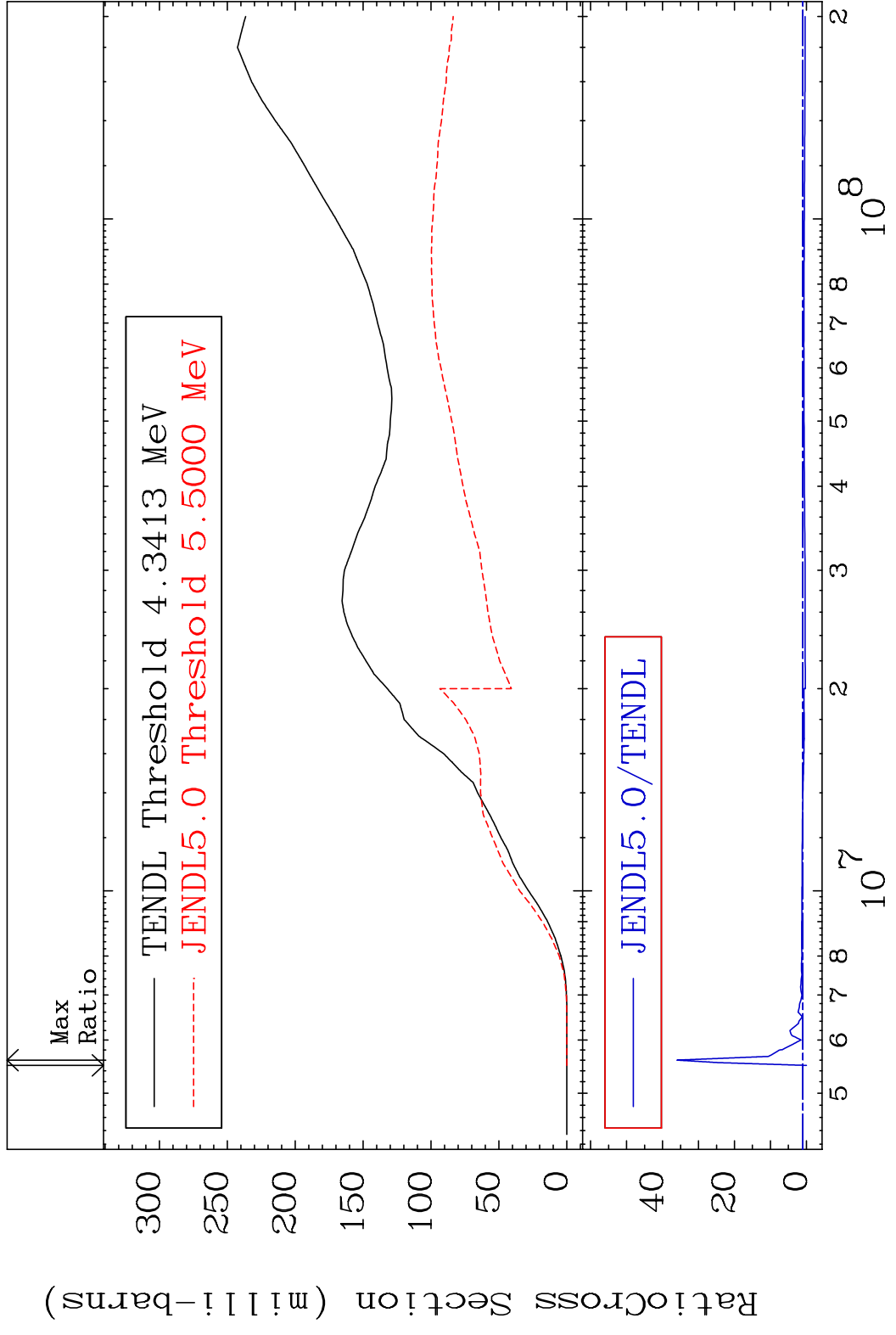
MAT 1431 Tritium Production 14-Si-30
 Cross Section -100.0 To 29.96 %



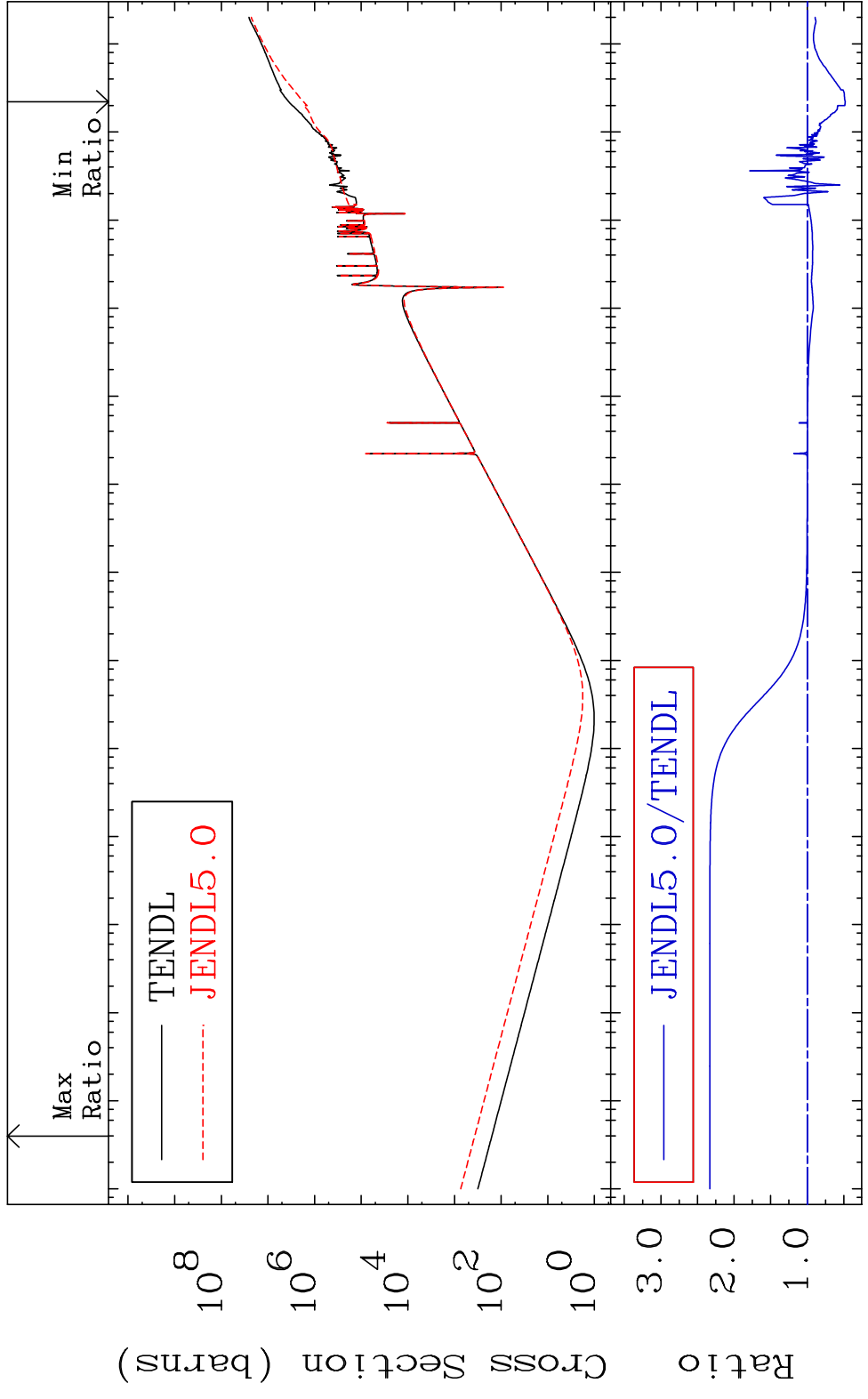
MAT 1431 He-3 Production 14-Si-30
 Cross Section -100.0 To 247.9 %



MAT 1431 He-4 Production 14-Si-30
 Cross Section -100.0 To 3493. %



MAT 1431 Kerma total (eV-barns) 14-Si-30
Cross Section -51.94 To 133.2 %

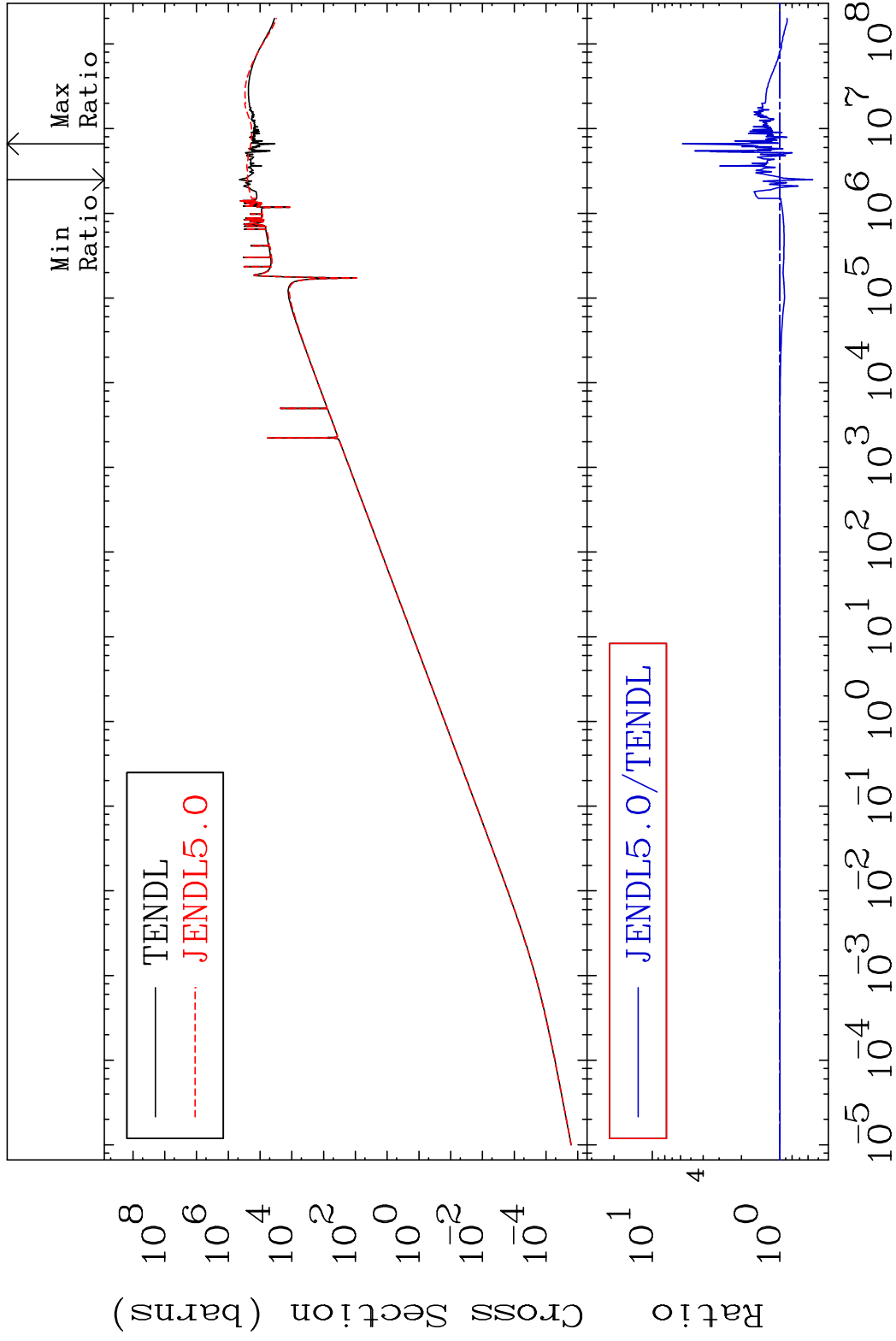


40 Incident Energy (eV) 14-Si-30

MAT 1431

Kerma elastic
Cross Section

14-Si-30
-44.64 To 481.8 %

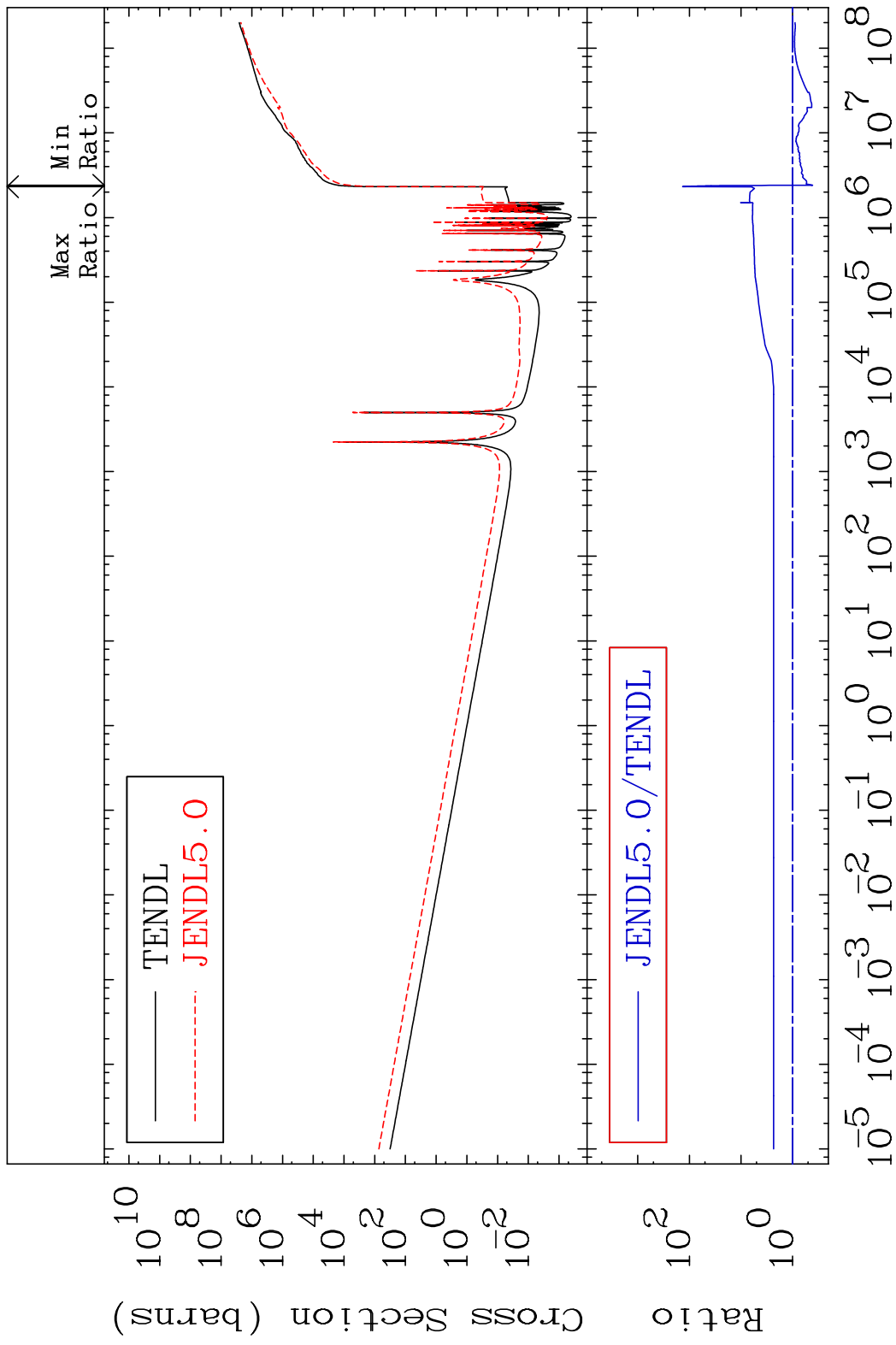


41

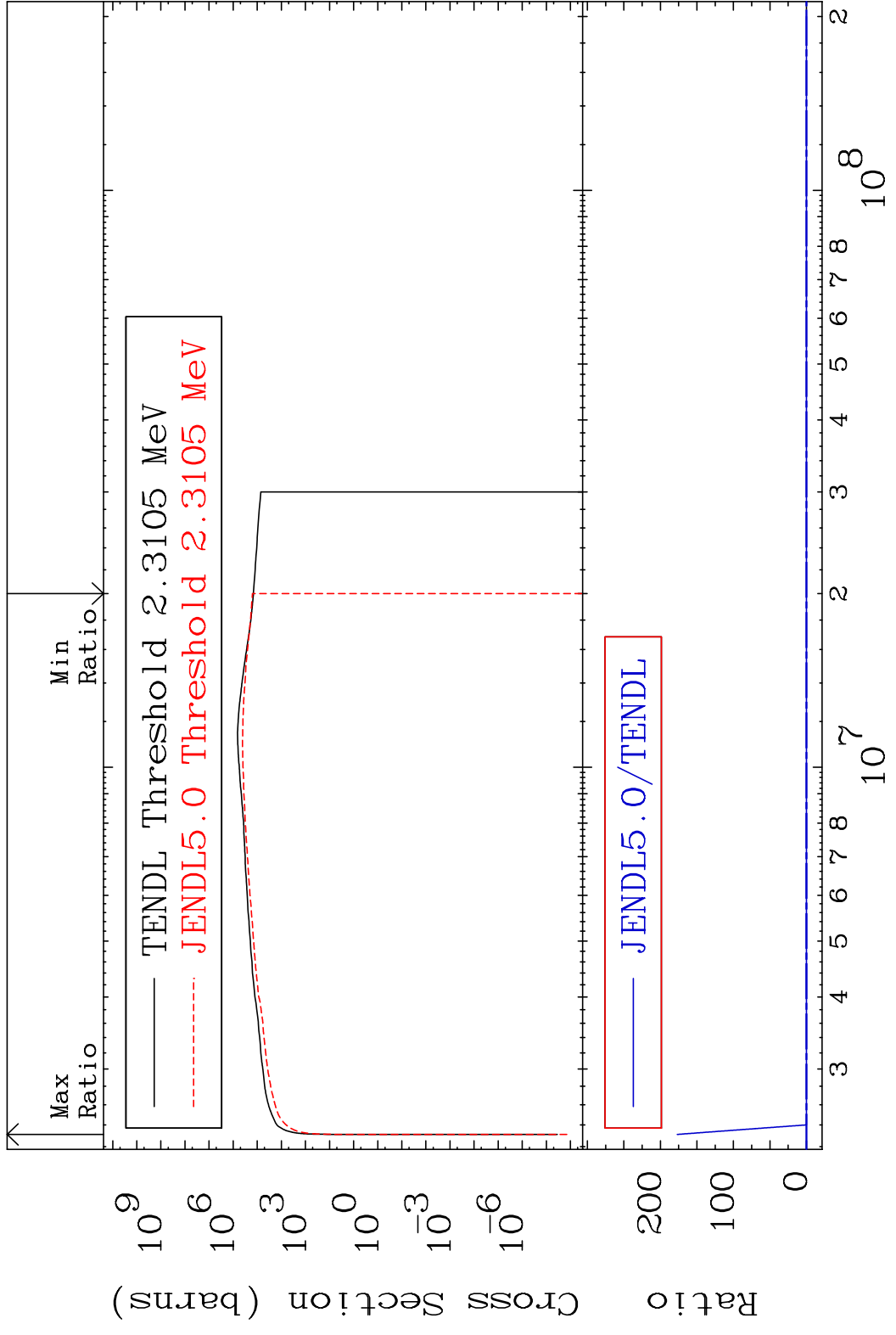
Incident Energy (eV)

14-Si-30

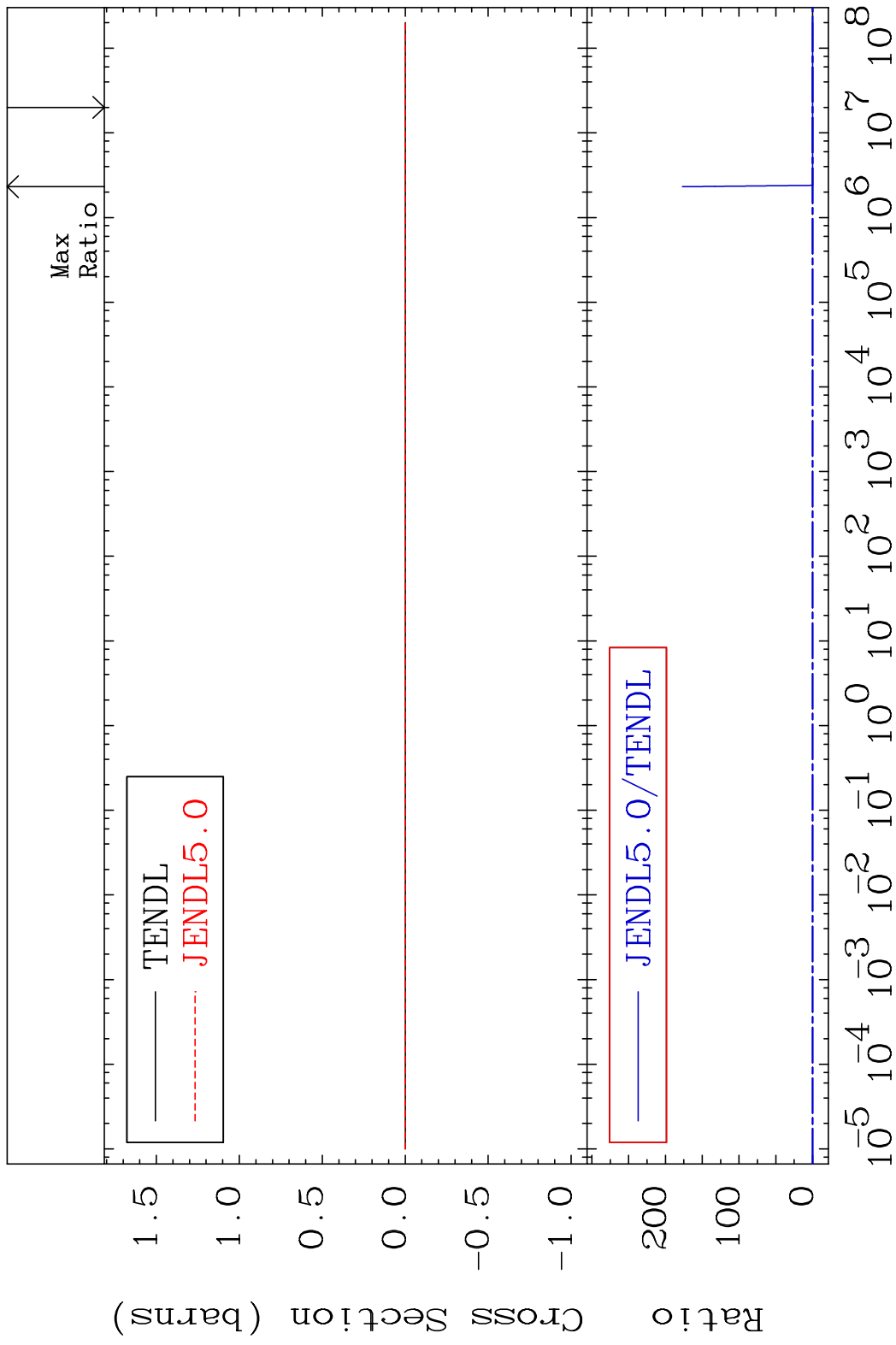
MAT 1431 Kerma non-elastic (all but mt2) 14-Si-30
 Cross Section -59.19 To 9999. %



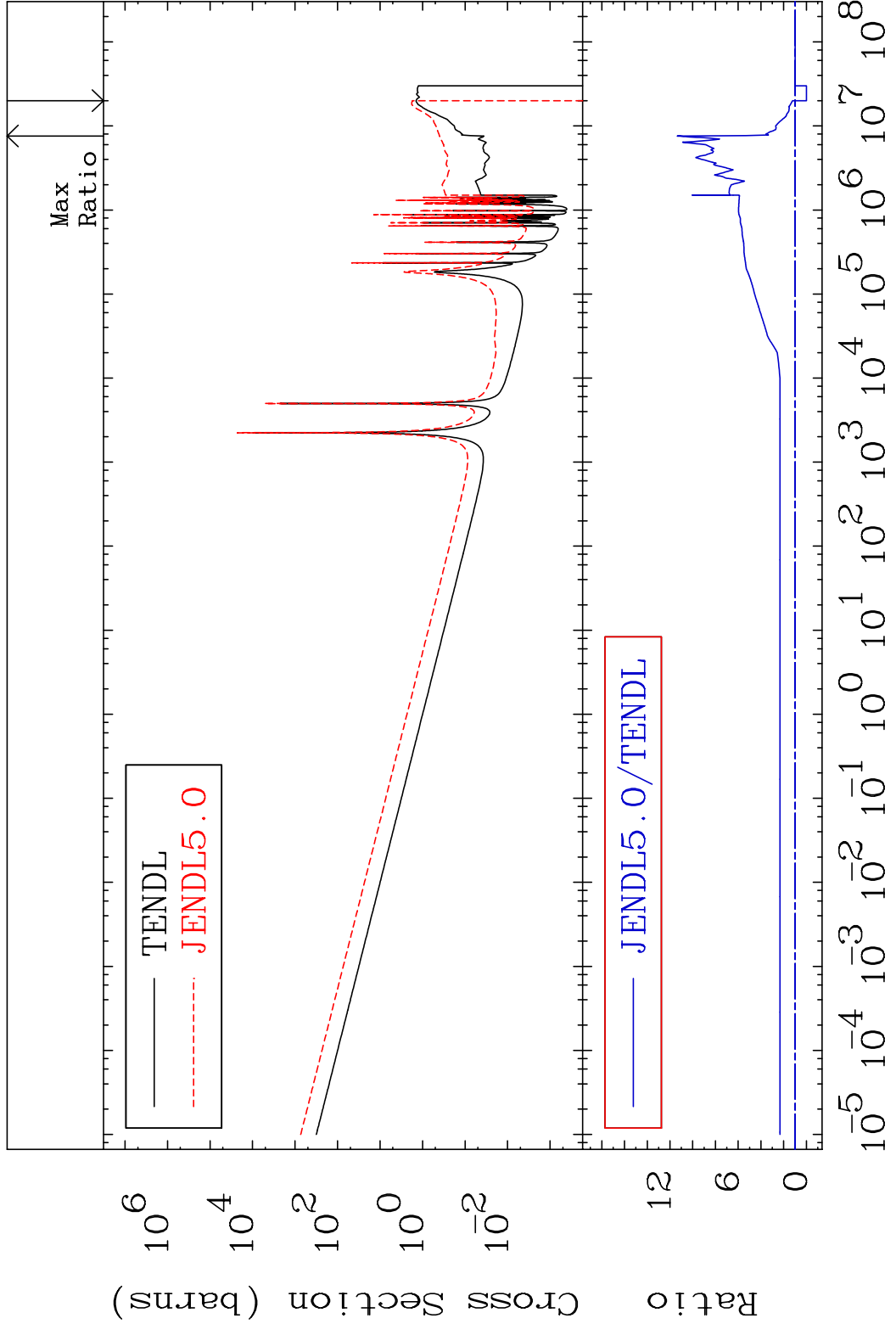
MAT 1431 Kerma inelastic (mt51-91) 14-Si-30
 Cross Section -100.0 To 9999. %



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



MAT 1431 Kerma capture (mt102) 14-Si-30
 Cross Section -100.0 To 1037. %



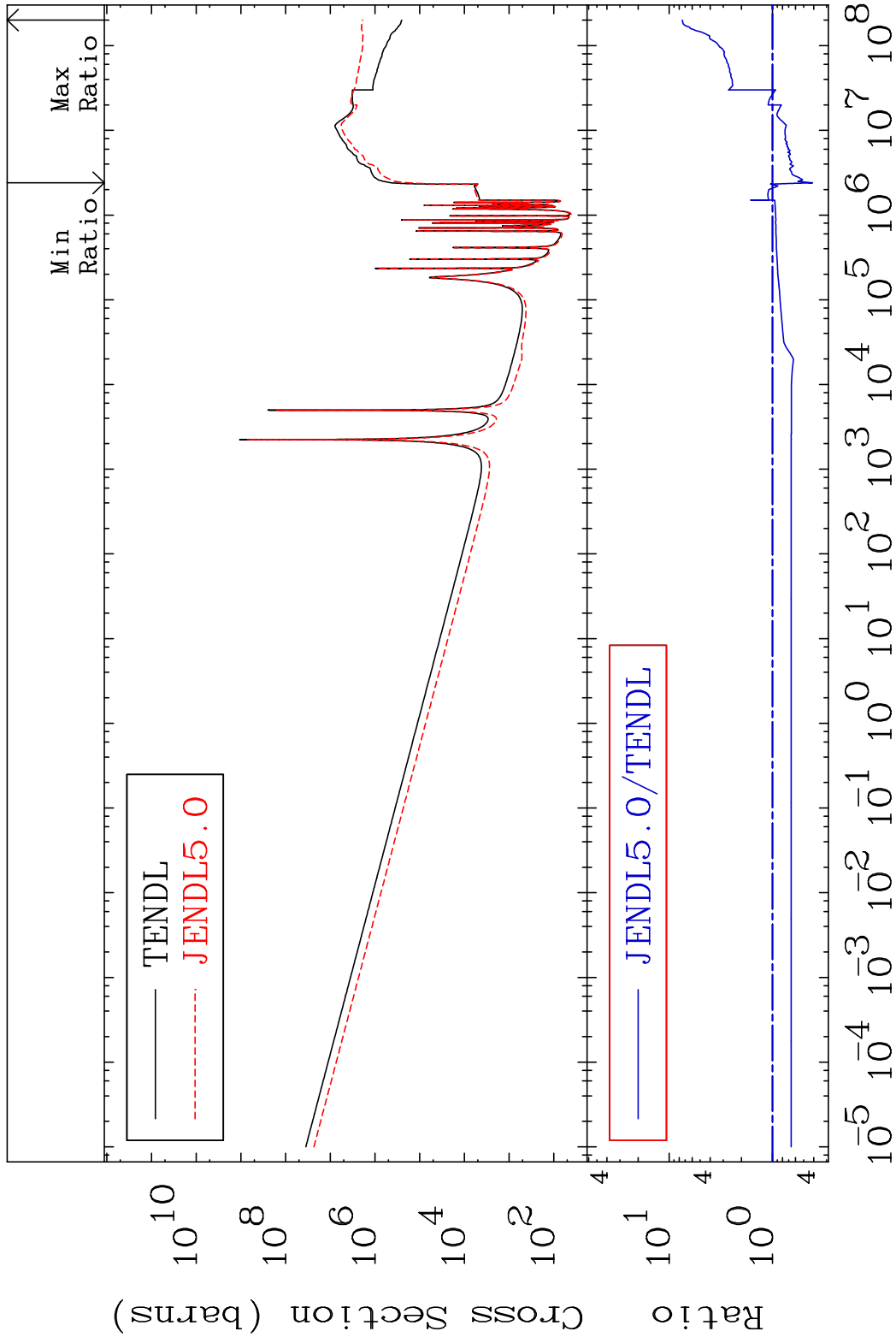
45 Incident Energy (eV) 14-Si-30

MAT 1431

Total photon (eV-barns)

14-Si-30

Cross Section -58.99 To 645.5 %

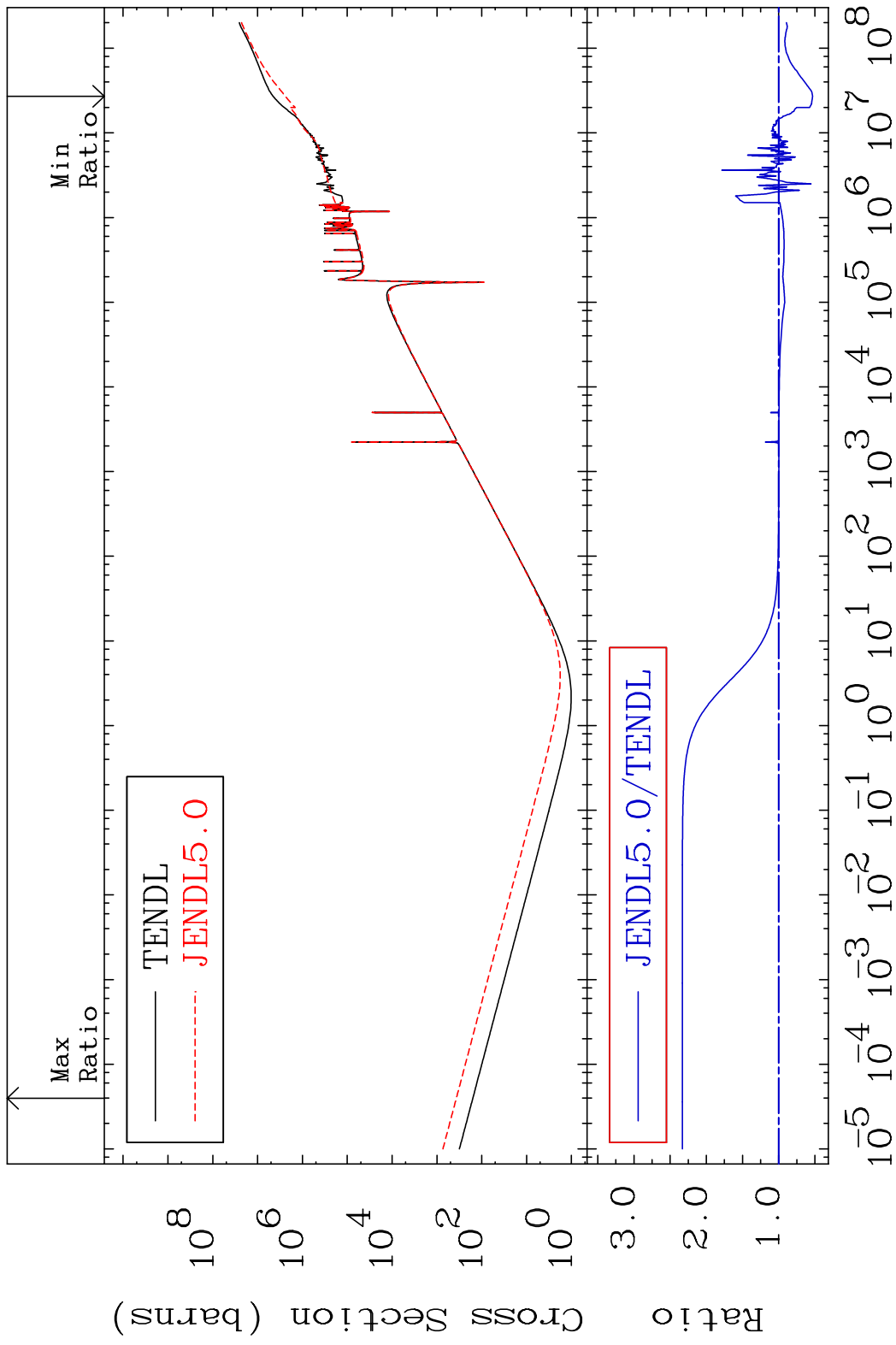


46

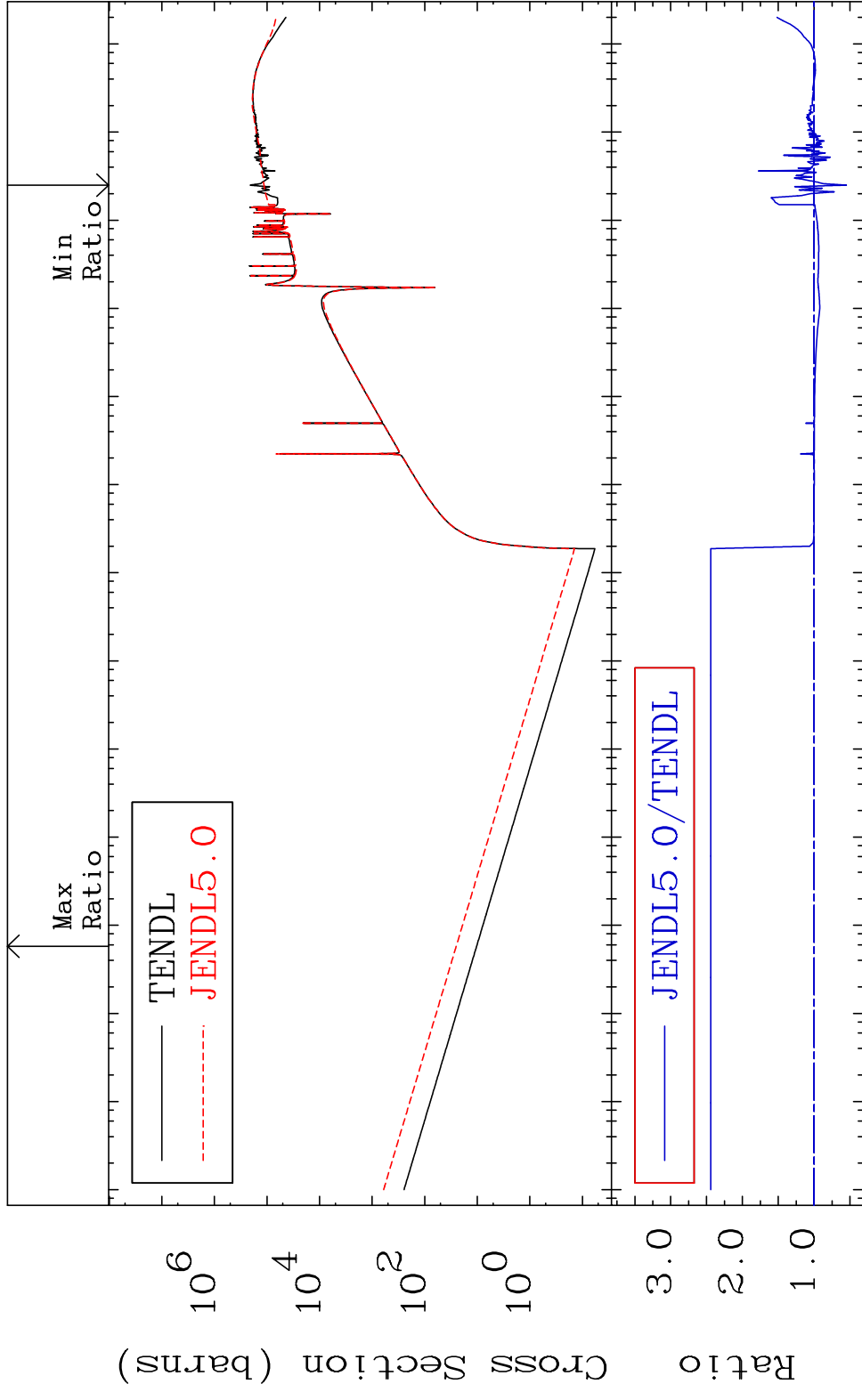
Incident Energy (eV)

14-Si-30

MAT 1431 Total kinematic kerma (high limit) 14-Si-30
 Cross Section -46.78 To 133.2 %



MAT 1431 Dpa total (eV-barns) 14-Si-30
 Cross Section -44.92 To 144.2 %



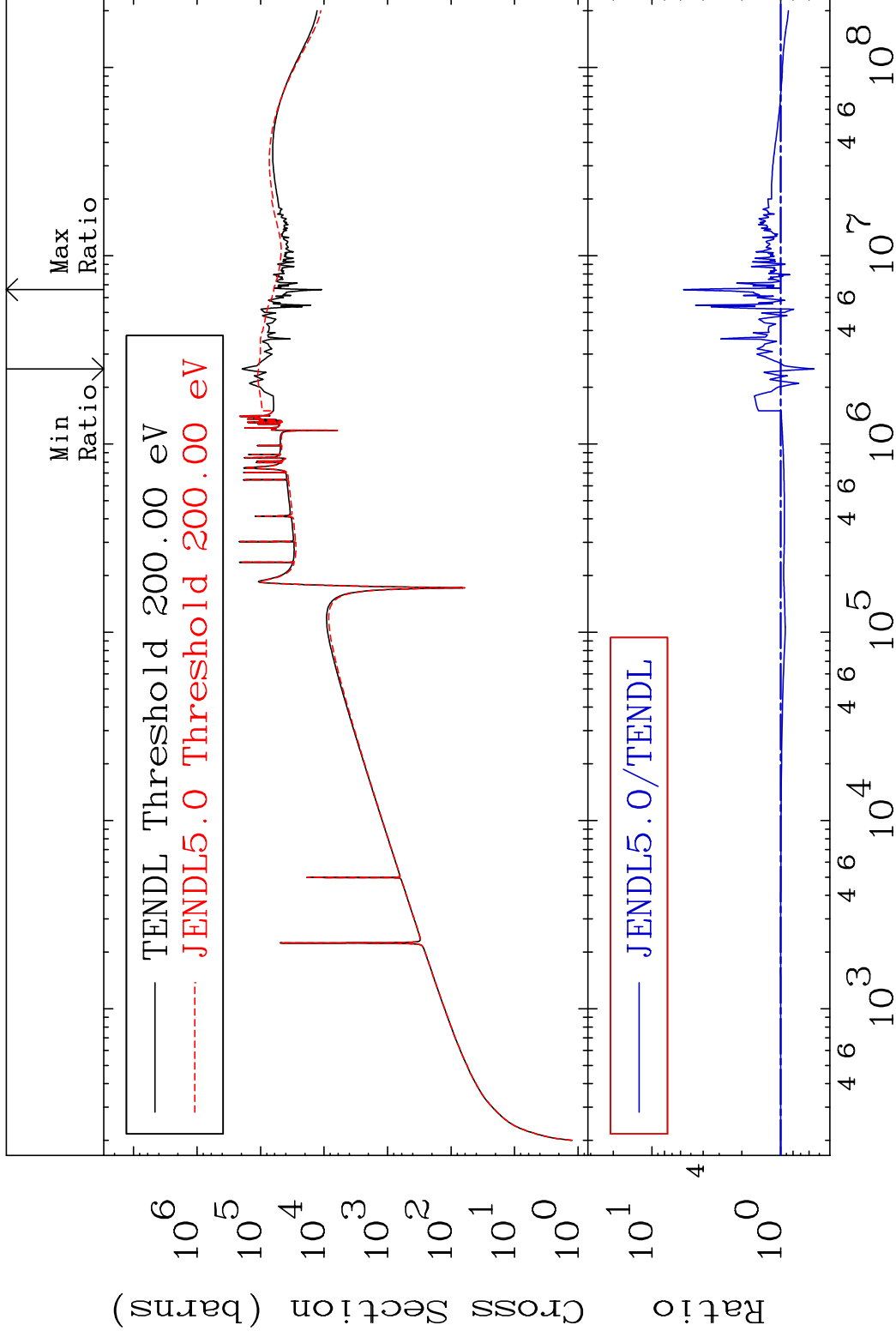
48 Incident Energy (eV) 14-Si-30

MAT 1431

Dpa elastic (mt2)

14-Si-30

Cross Section -45.02 To 469.7 %

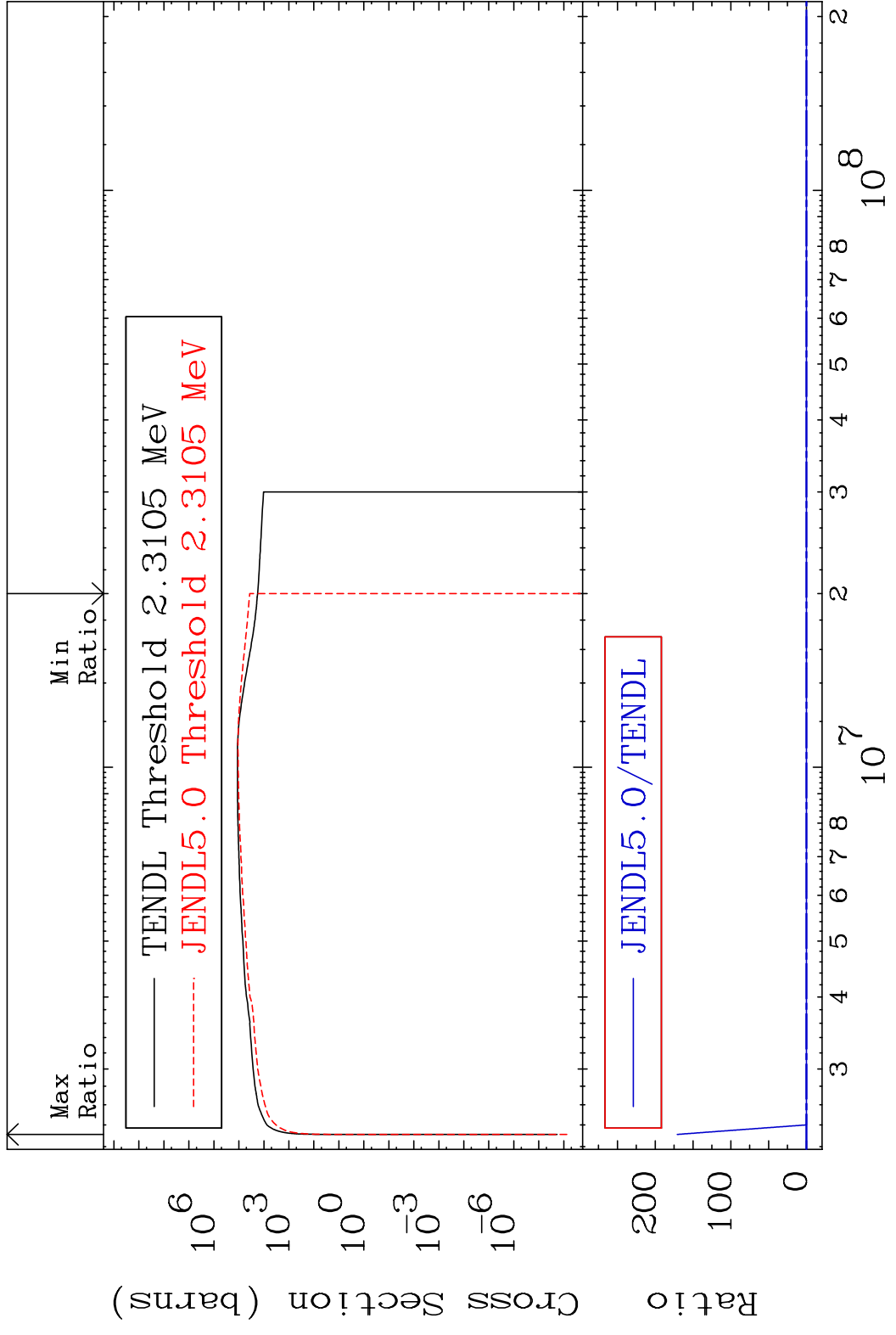


49

Incident Energy (eV)

14-Si-30

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



50 Incident Energy (eV) 14-Si-30

MAT 1431 Dpa disappearance (mt102 -120) 14-Si-30
 Cross Section -100.0 To 892.5 %

