

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

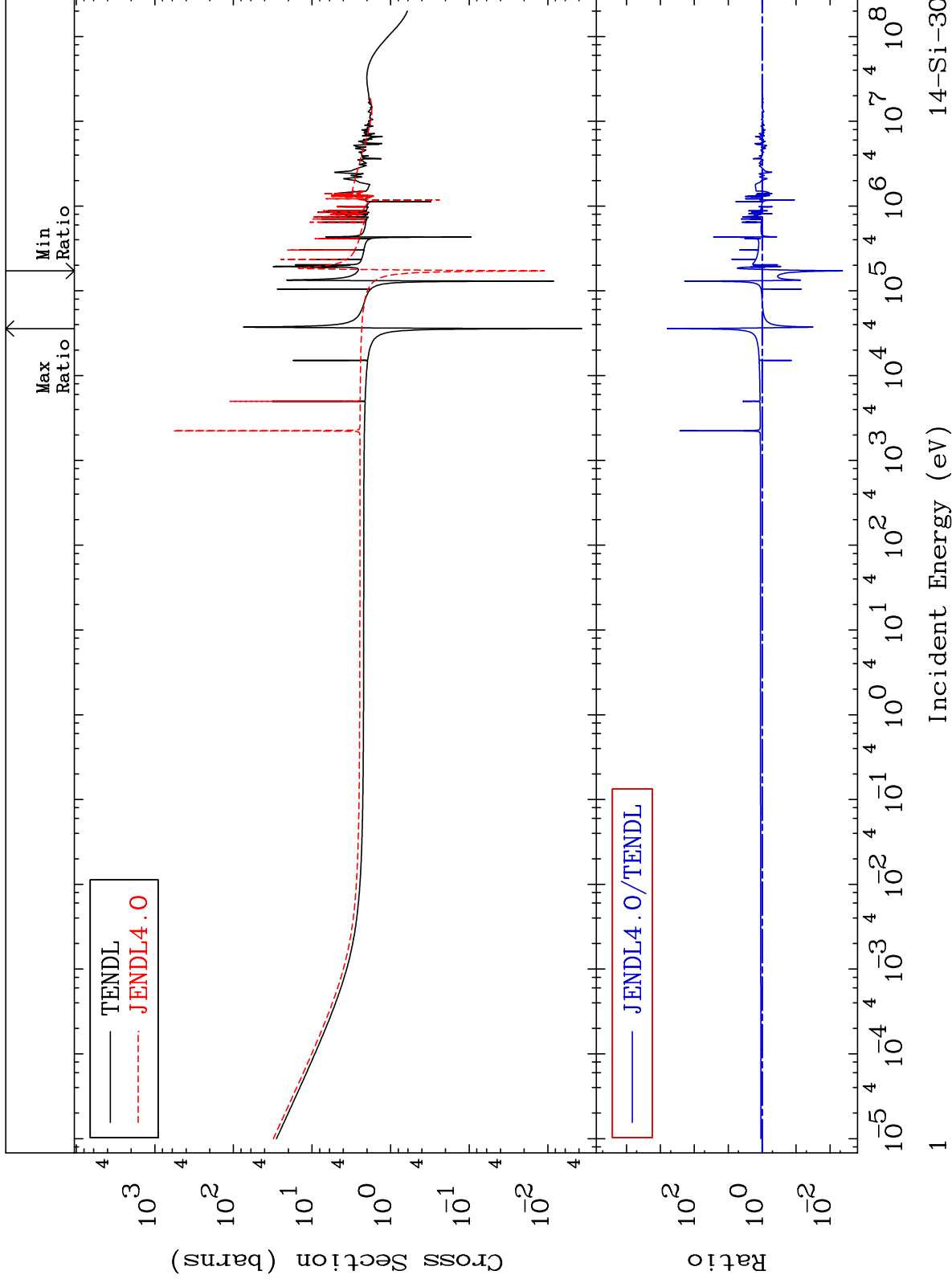
MAT 1431

Total

14-Si-30

Cross Section

-99.57 To 9999. %



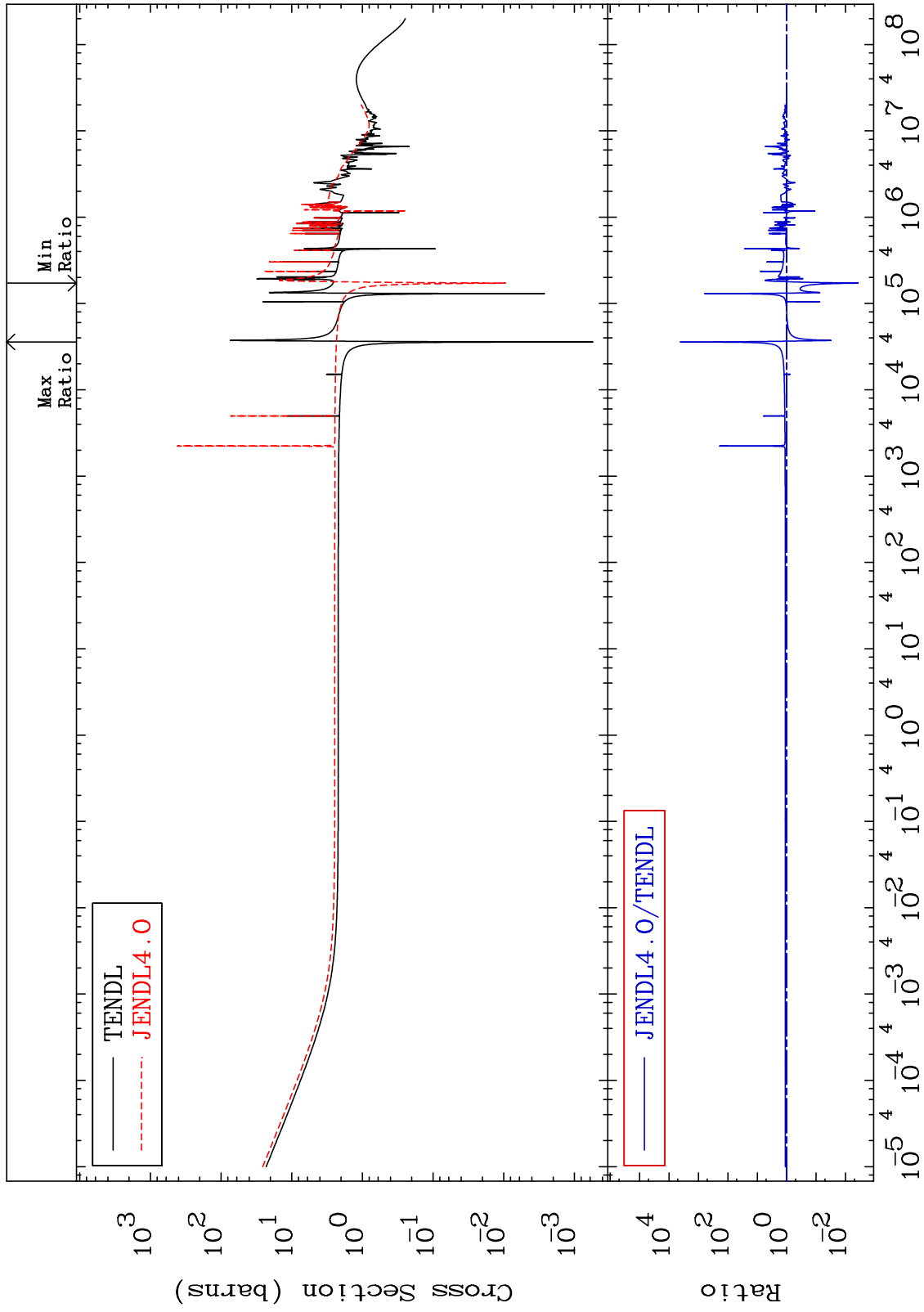
Incident Energy (eV)

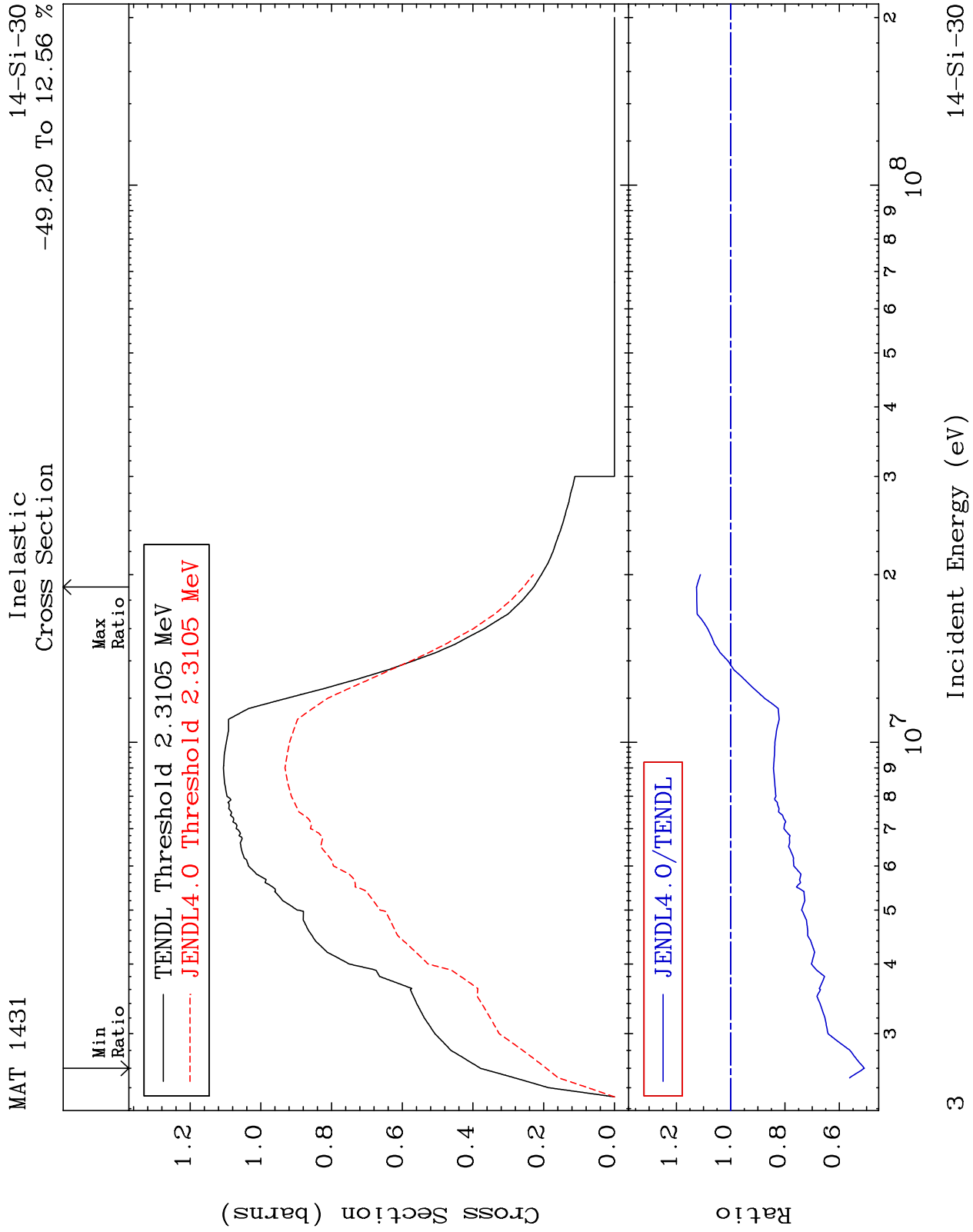
14-Si-30

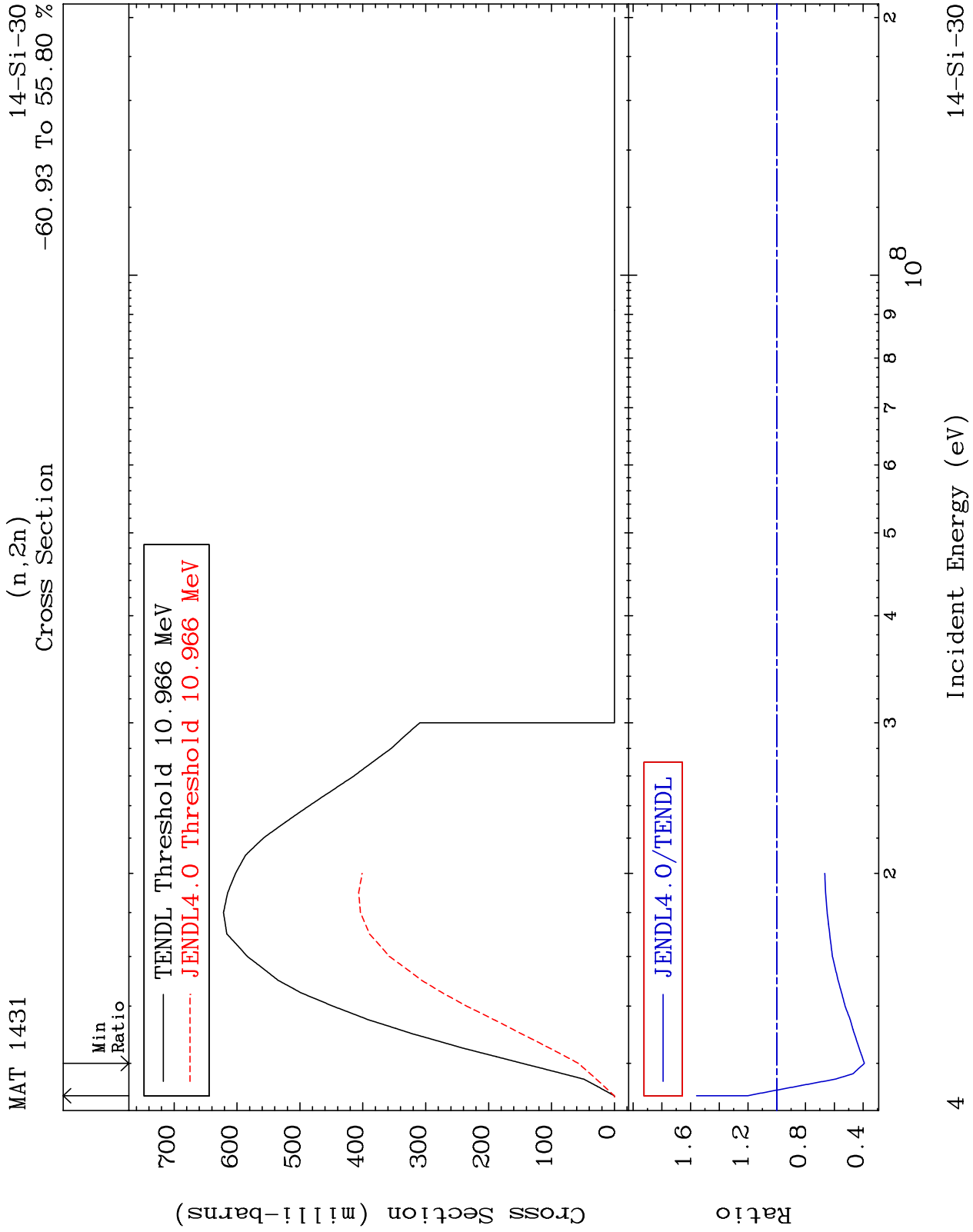
MAT 1431

Elastic
Cross Section

14-Si-30
-99.63 To 9999. %







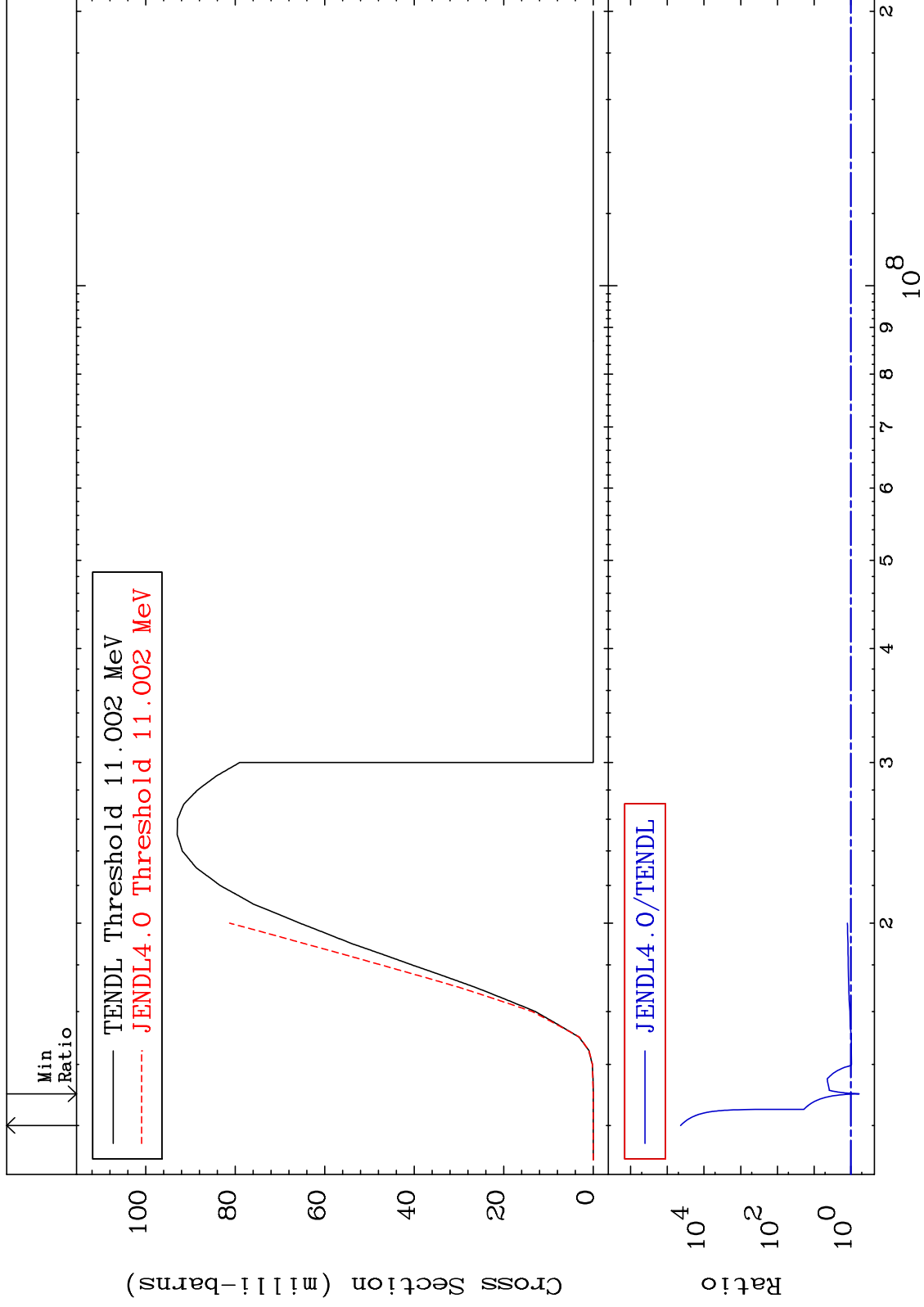
MAT 1431

(n,n') α

14-Si-30

Cross Section

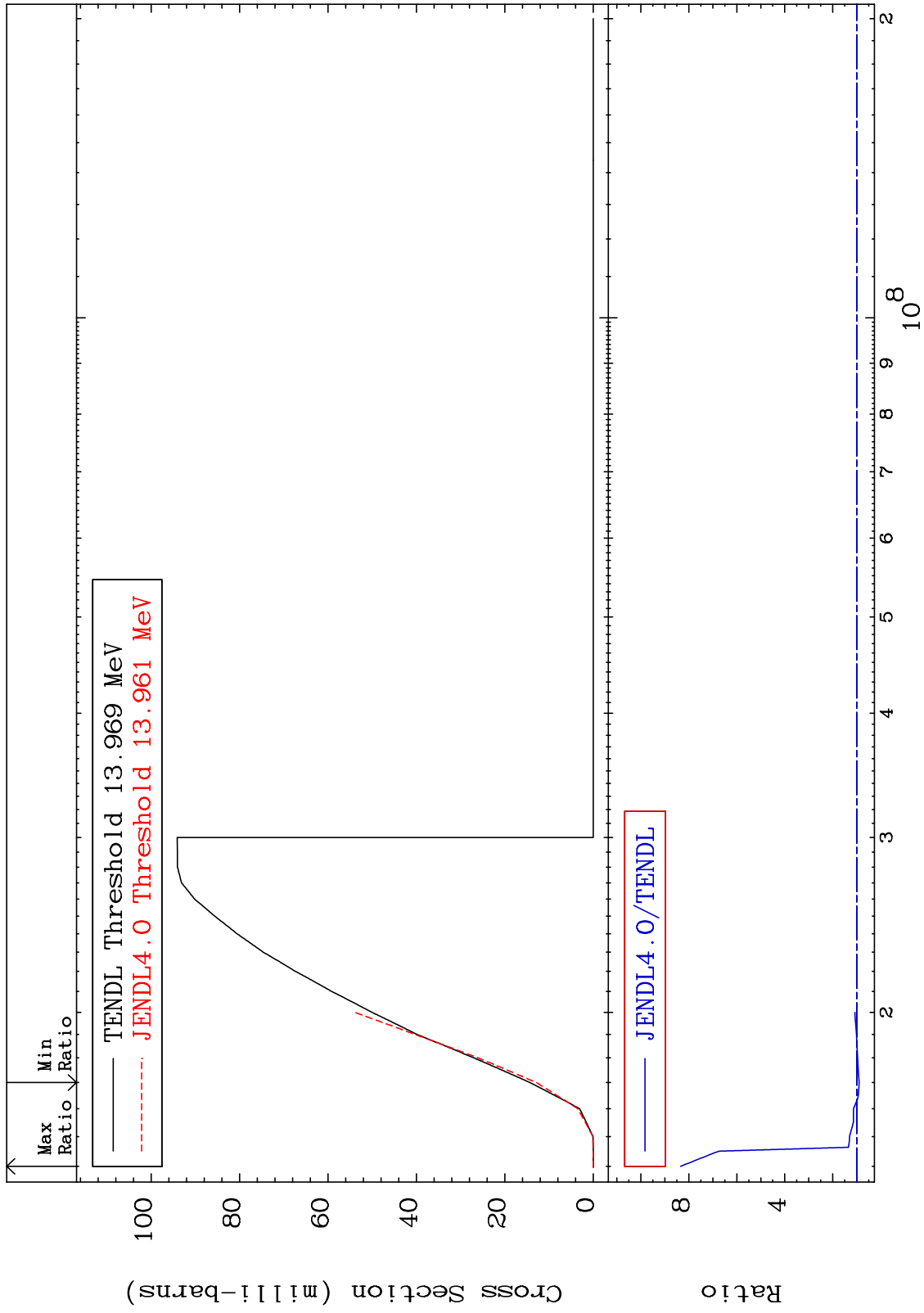
-40.84 To 9999. %



MAT 1431

(n,n') p
Cross Section

14-Si-30
-10.04 To 734.1 %

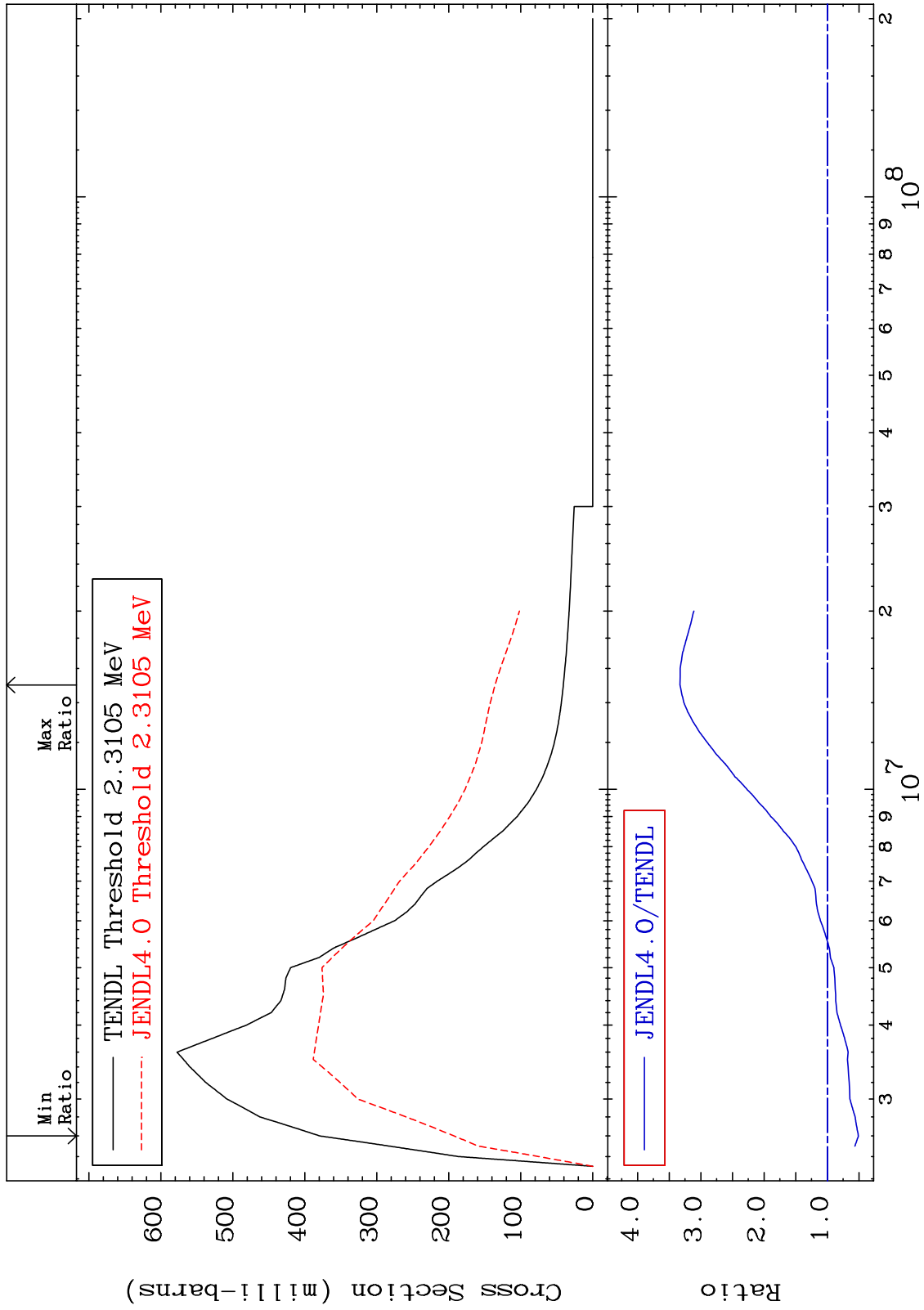


6

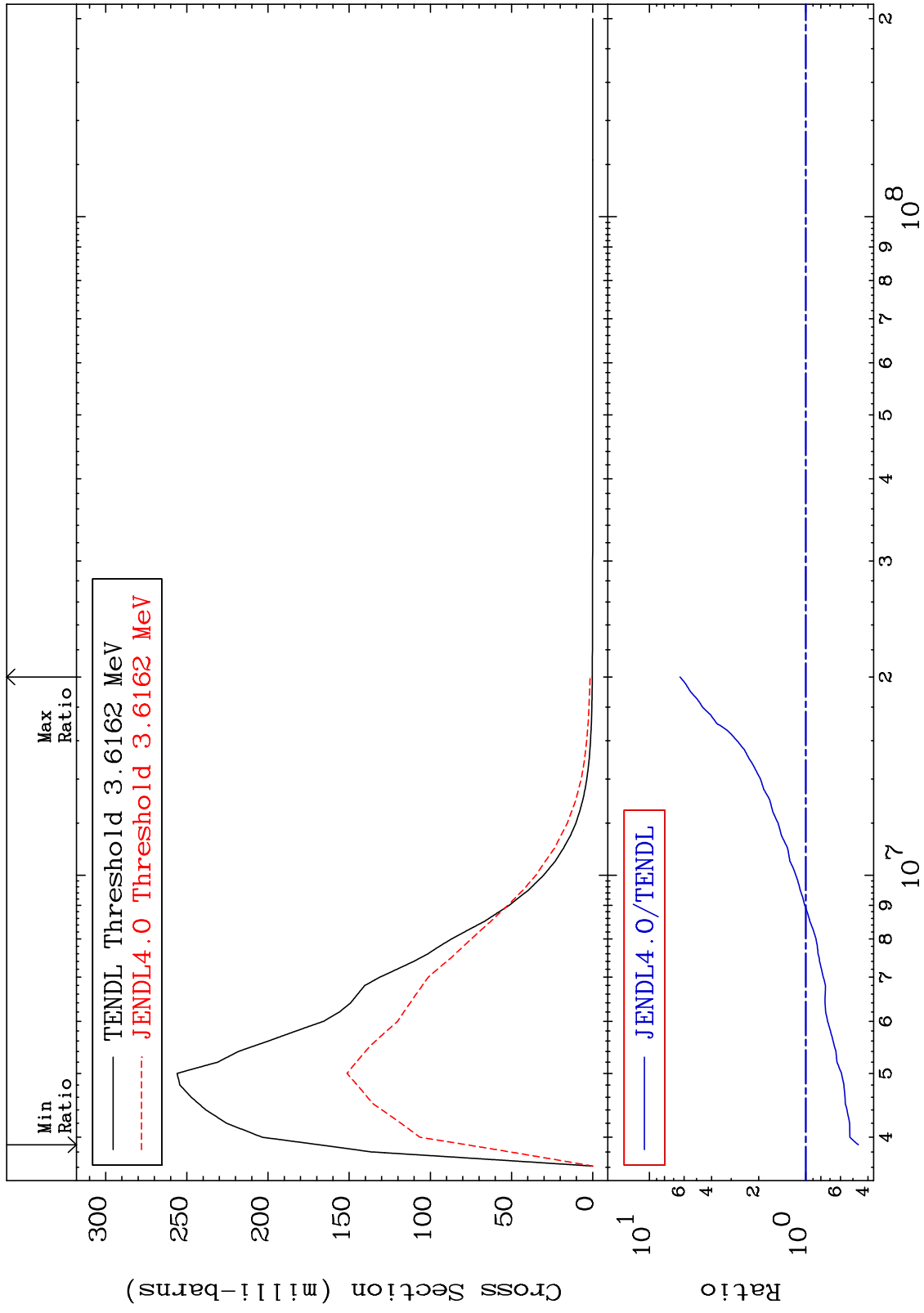
Incident Energy (eV)

14-Si-30

MAT 1431 MT= 51 (n,n') Level Cross Section 14-Si-30
 -49.20 To 232.9 %



MAT 1431 MT= 52 (n,n') Level Cross Section 14-Si-30
 -53.95 To 537.0 %

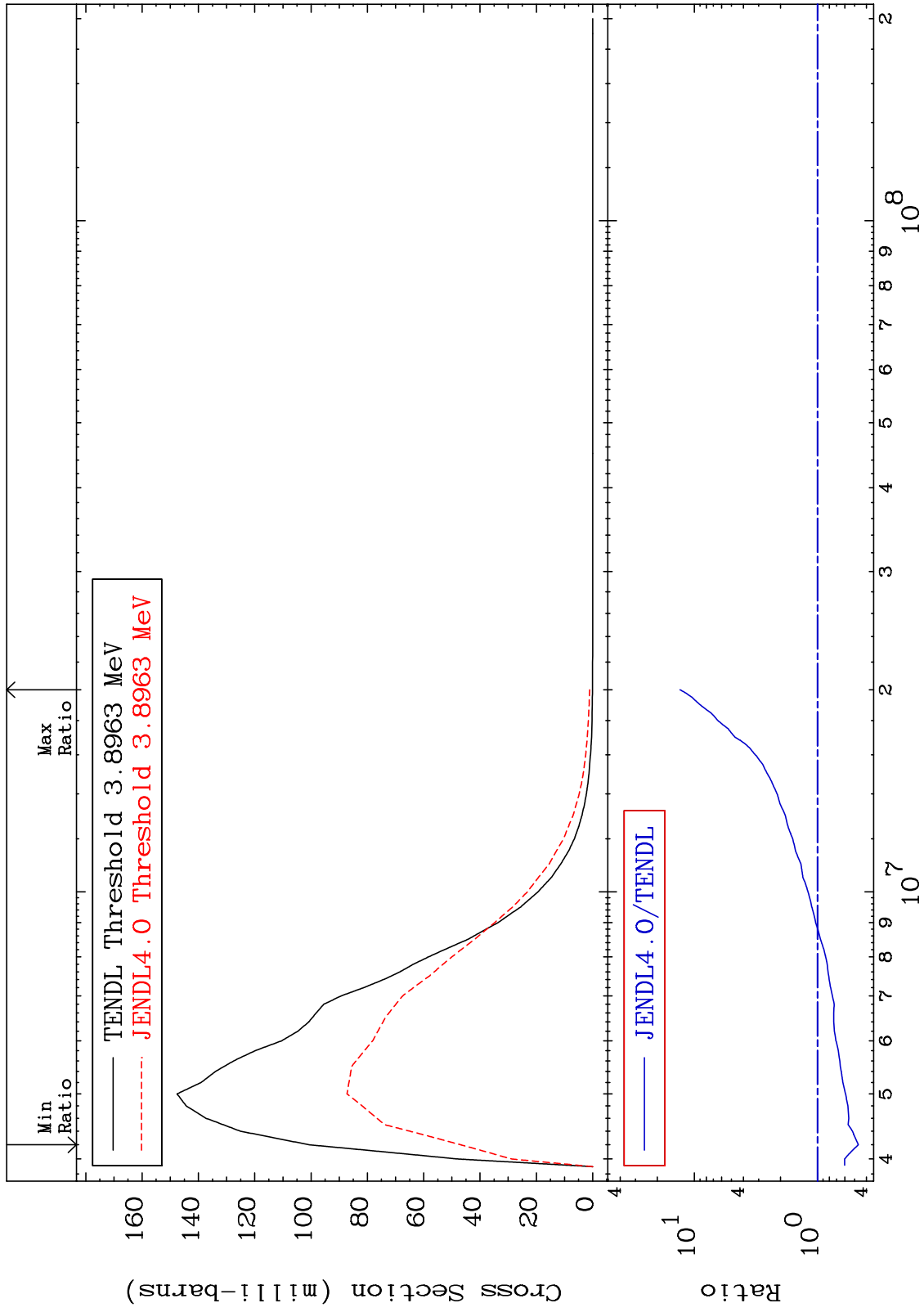


8 Incident Energy (eV) 14-Si-30

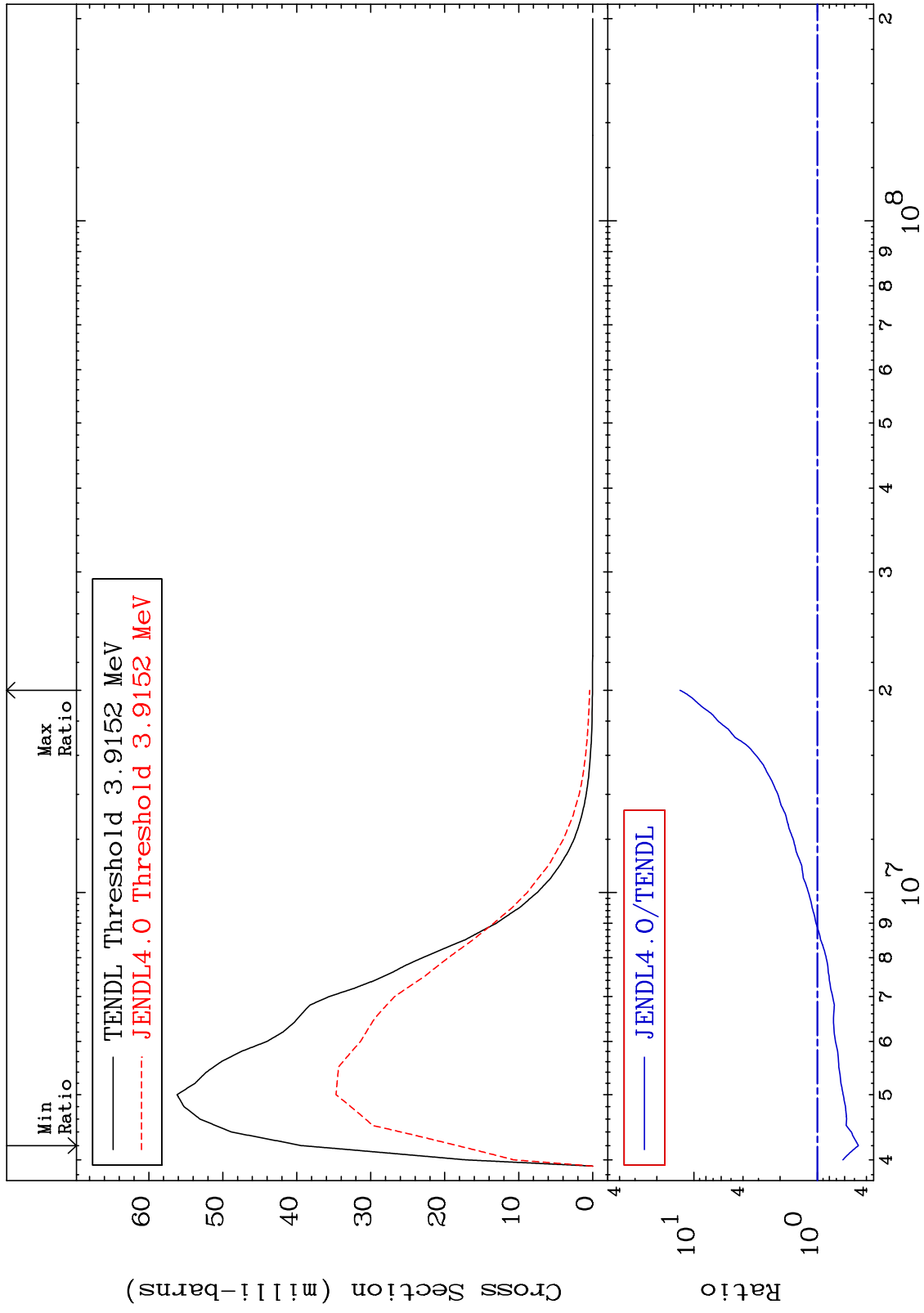
MAT 1431

MT= 53 (n,n') Level
Cross Section

14-Si-30
-53.48 To 1206. %



MAT 1431 MT= 54 (n,n') Level Cross Section 14-Si-30
-53.54 To 1195. %

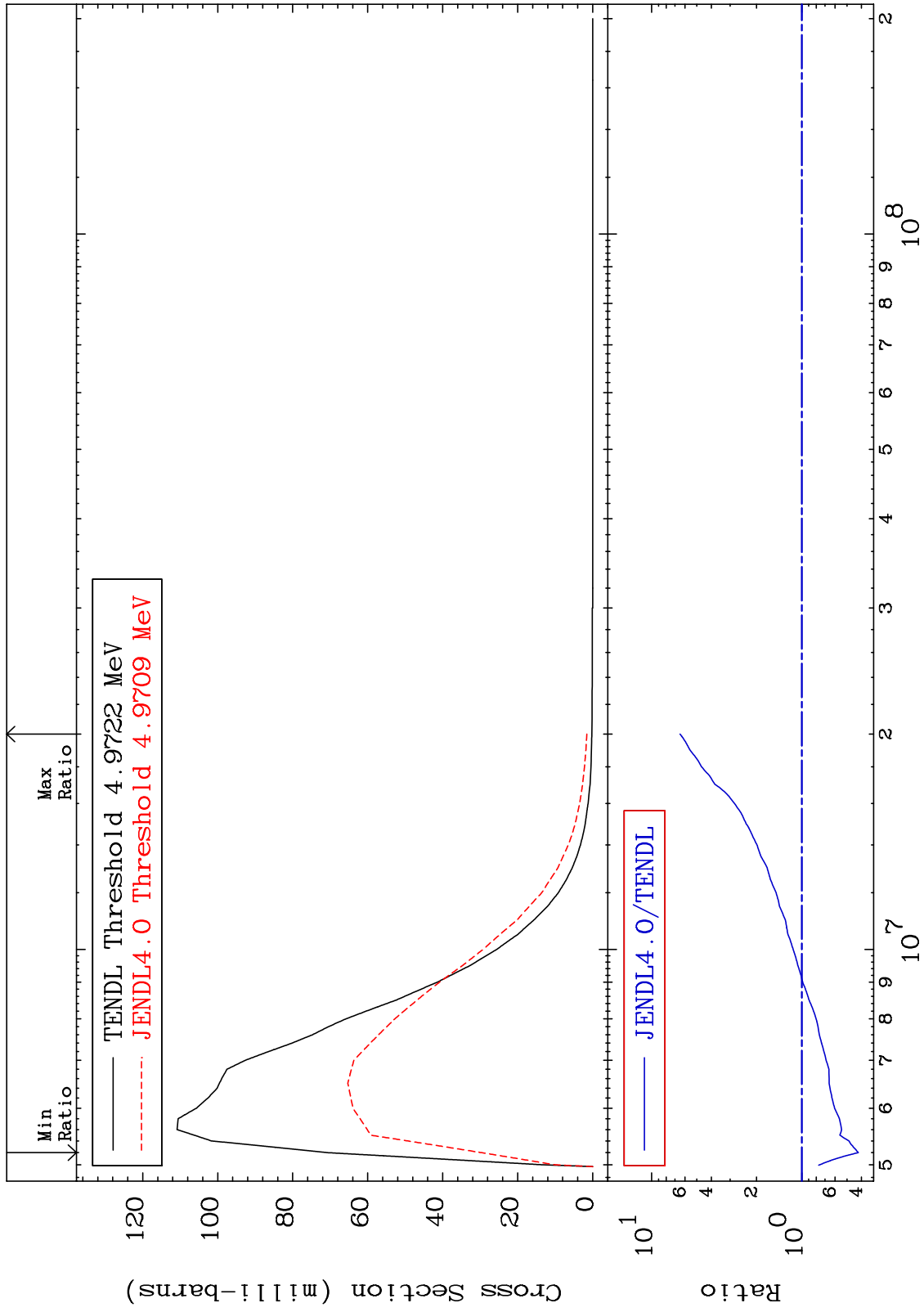


10 Incident Energy (eV) 14-Si-30

MAT 1431

MT= 55 (n,n') Level
Cross Section

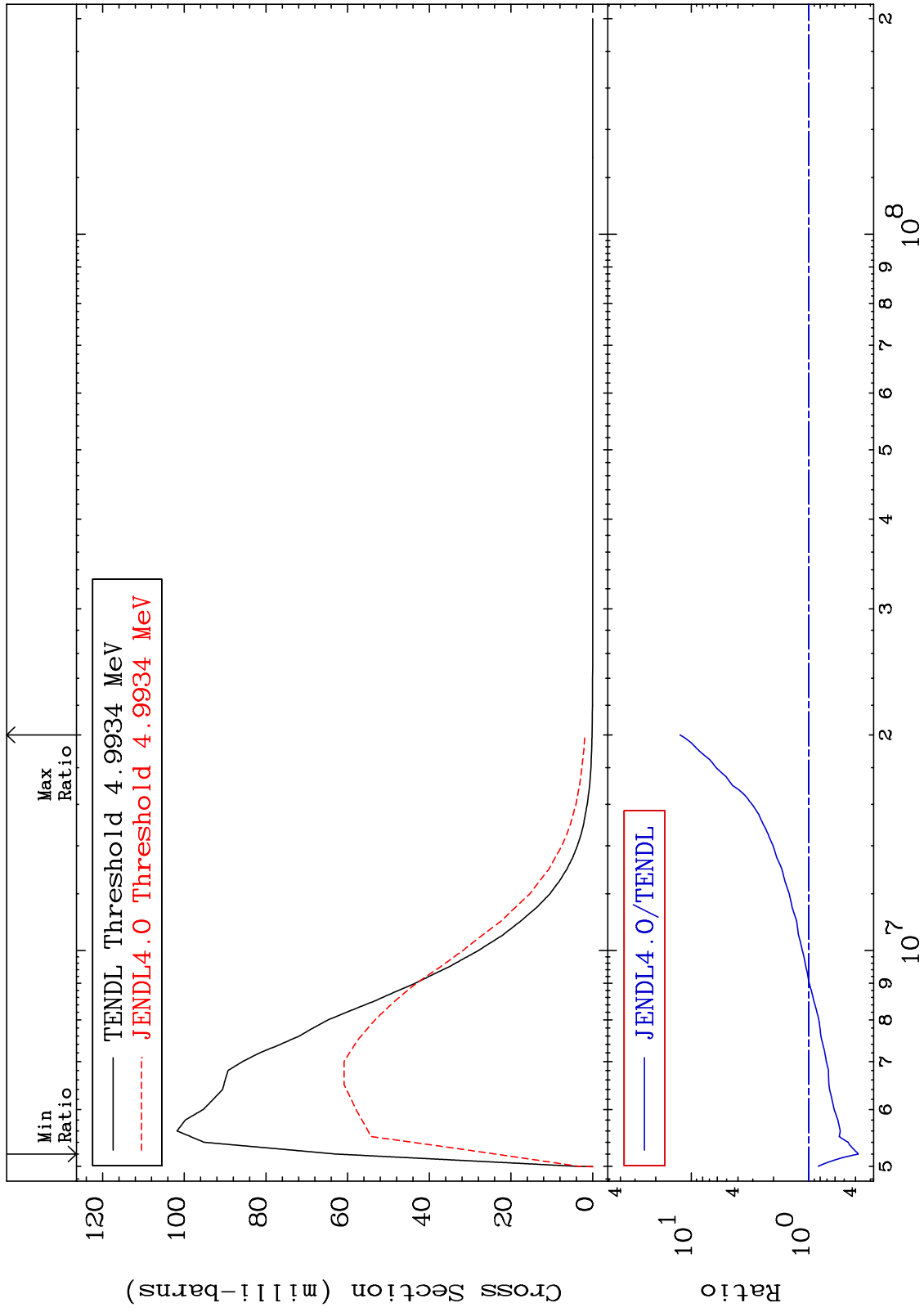
14-Si-30
-58.06 To 547.3 %



MAT 1431

MT= 56 (n,n') Level
Cross Section

14-Si-30
-62.12 To 1145. %



12

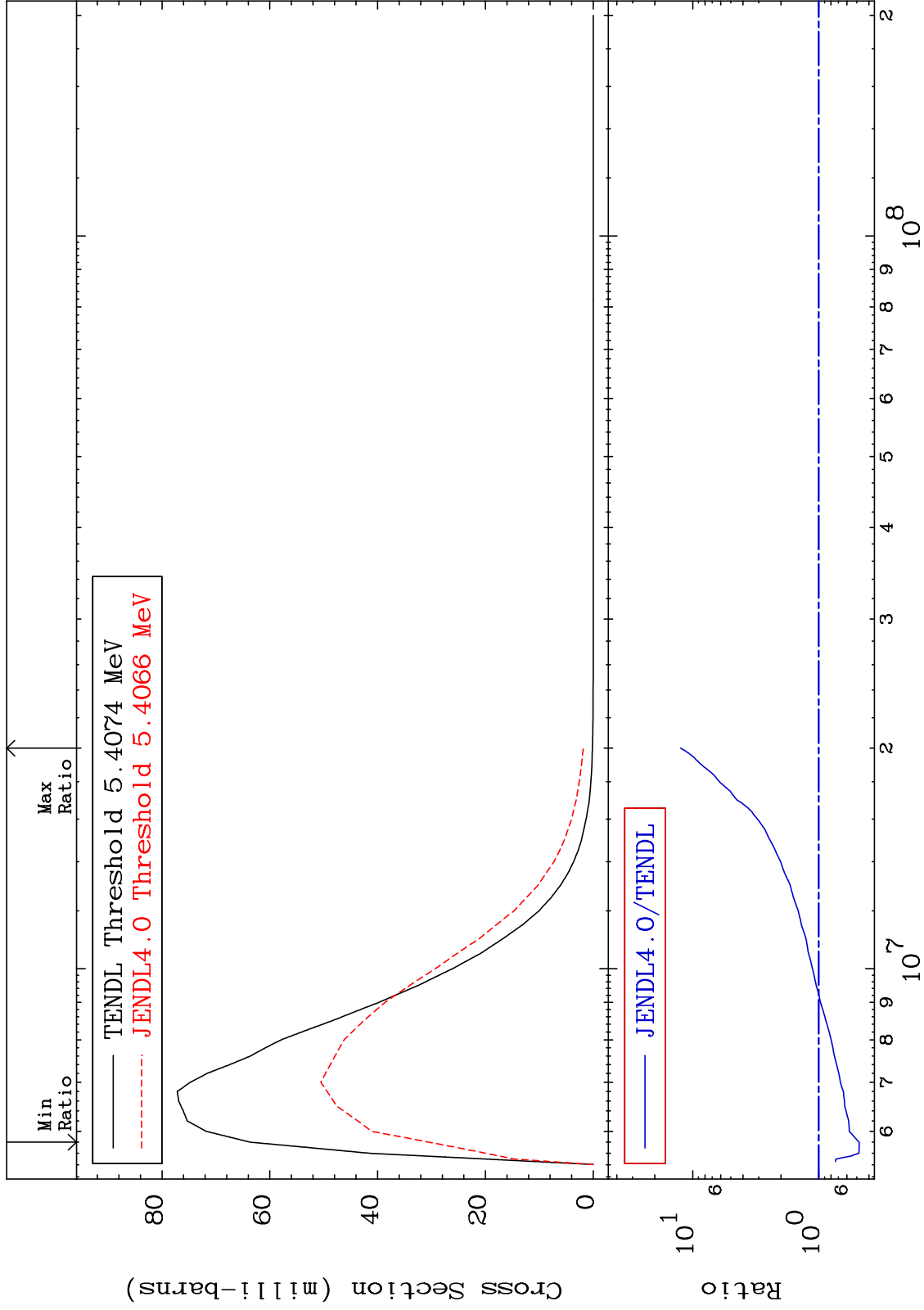
Incident Energy (eV)

14-Si-30

MAT 1431

MT= 57 (n,n') Level
Cross Section

14-Si-30
-52.13 To 1147. %

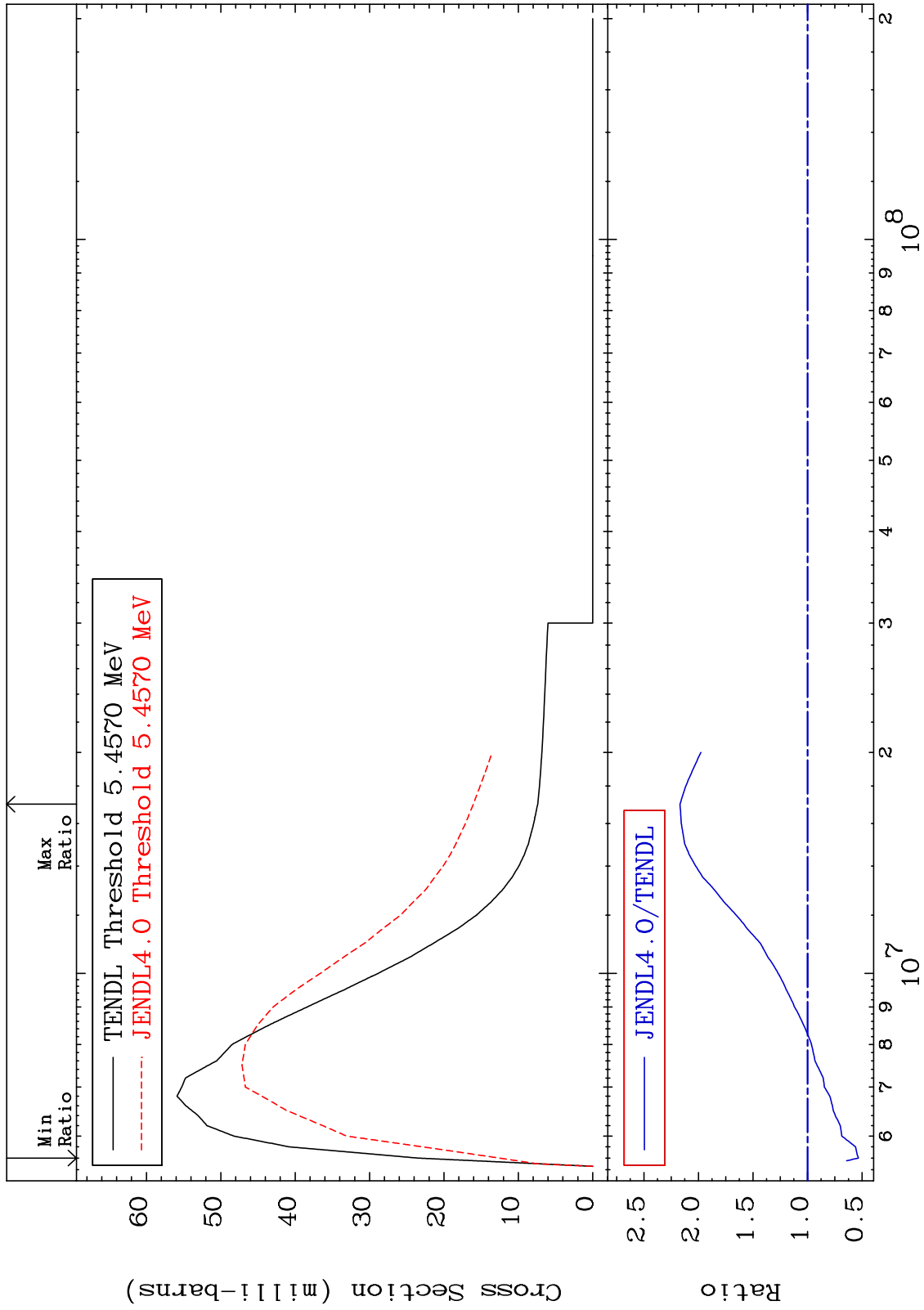


13

Incident Energy (eV)

14-Si-30

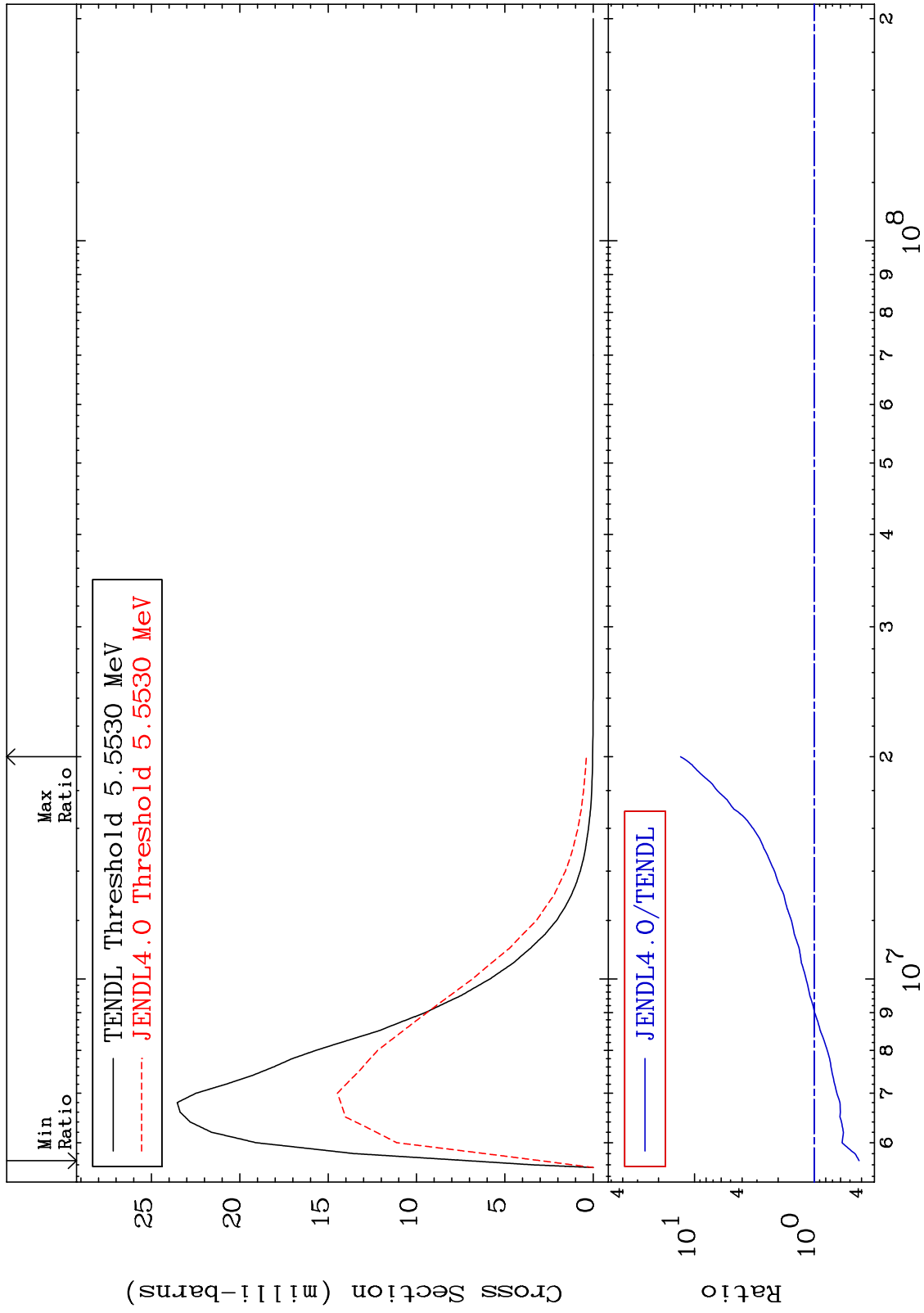
MAT 1431 MT= 58 (n,n') Level
Cross Section 14-Si-30
-46.63 To 116.9 %



MAT 1431

MT= 59 (n,n') Level
Cross Section

14-Si-30
-58.06 To 1208. %



15

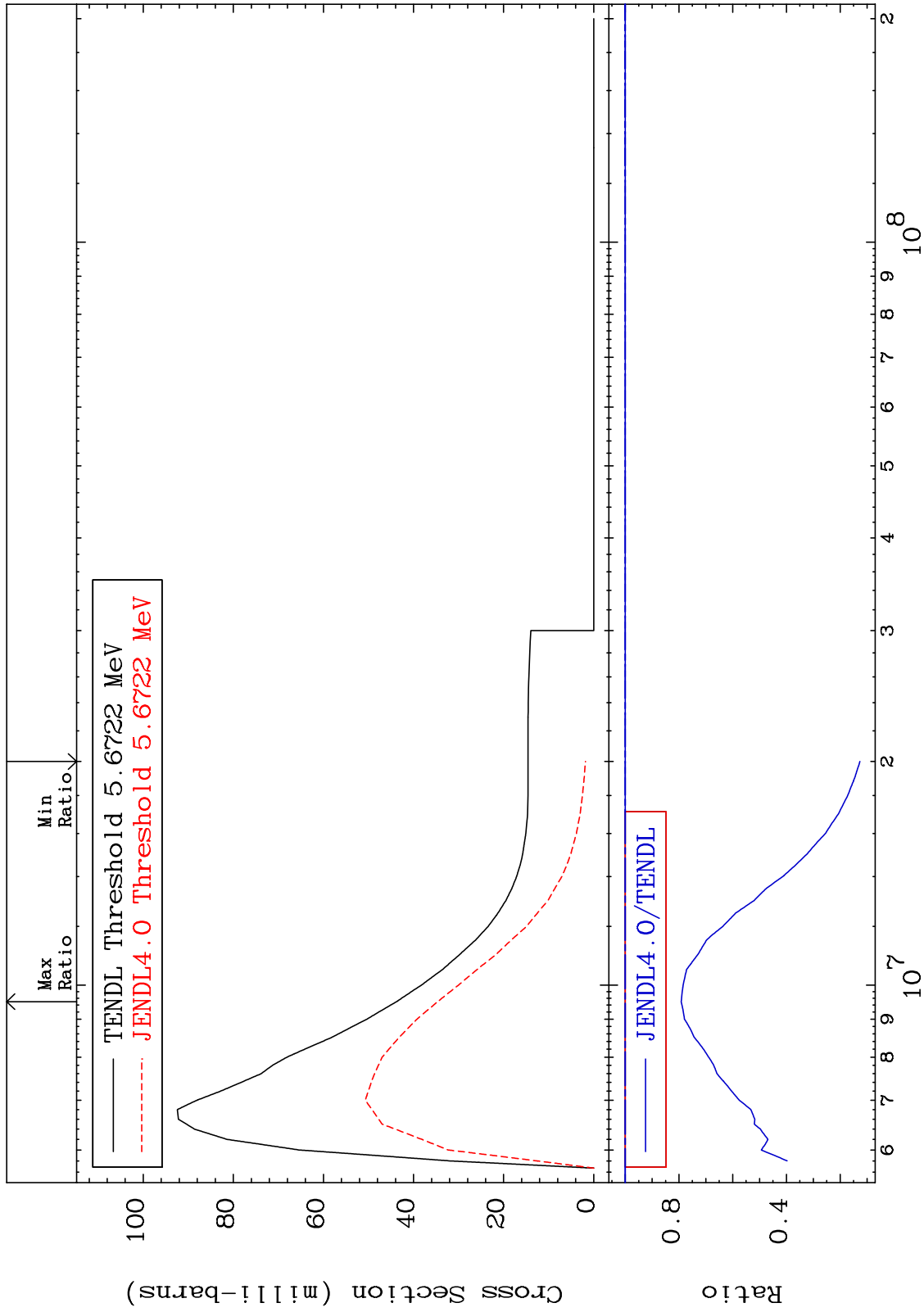
Incident Energy (eV)

14-Si-30

MAT 1431

MT= 60 (n,n') Level
Cross Section

14-Si-30
-87.36 To -20.84%

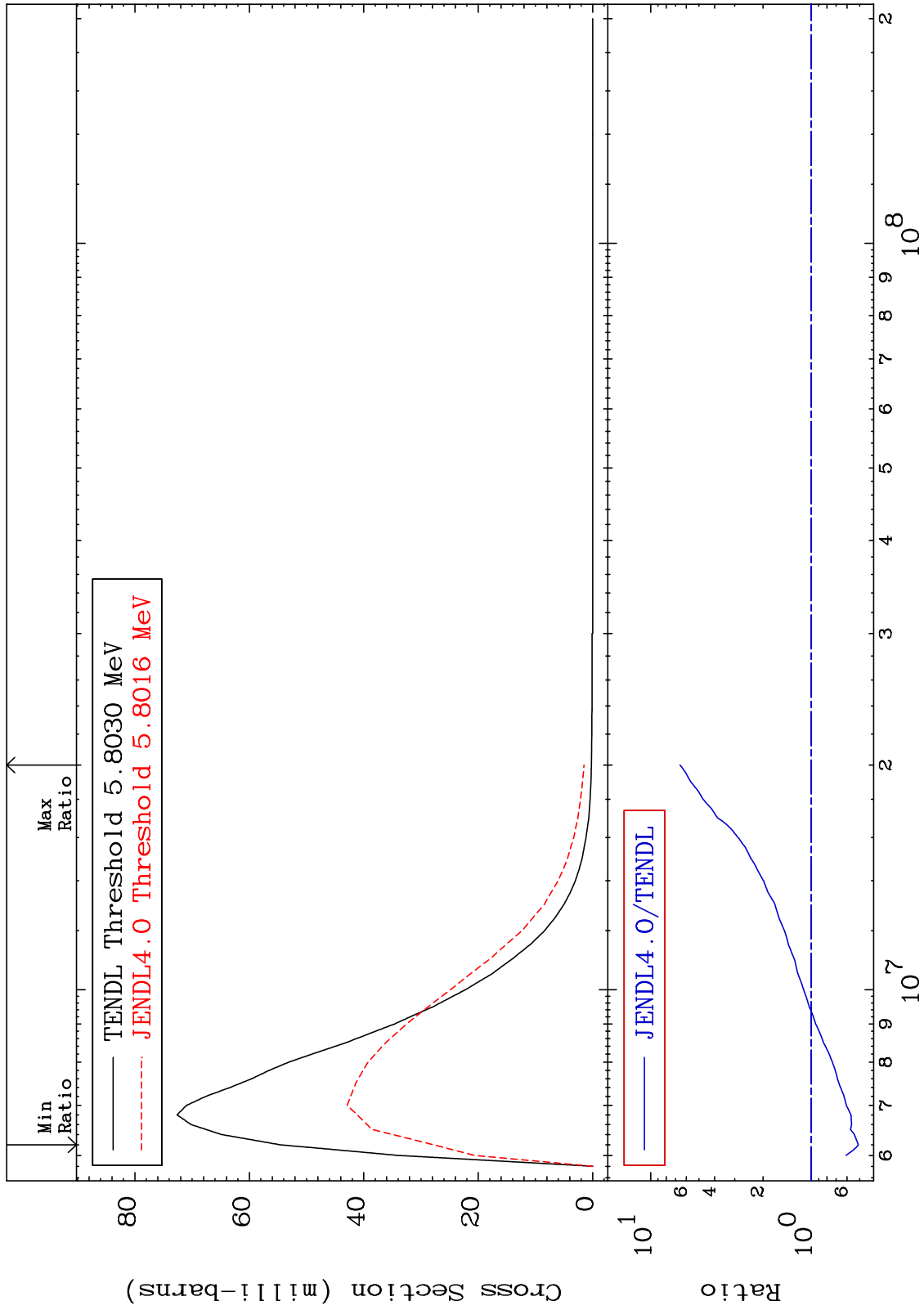


16

Incident Energy (eV)

14-Si-30

MAT 1431 MT= 61 (n,n') Level
Cross Section 14-Si-30
-49.08 To 556.5 %



14-Si-30

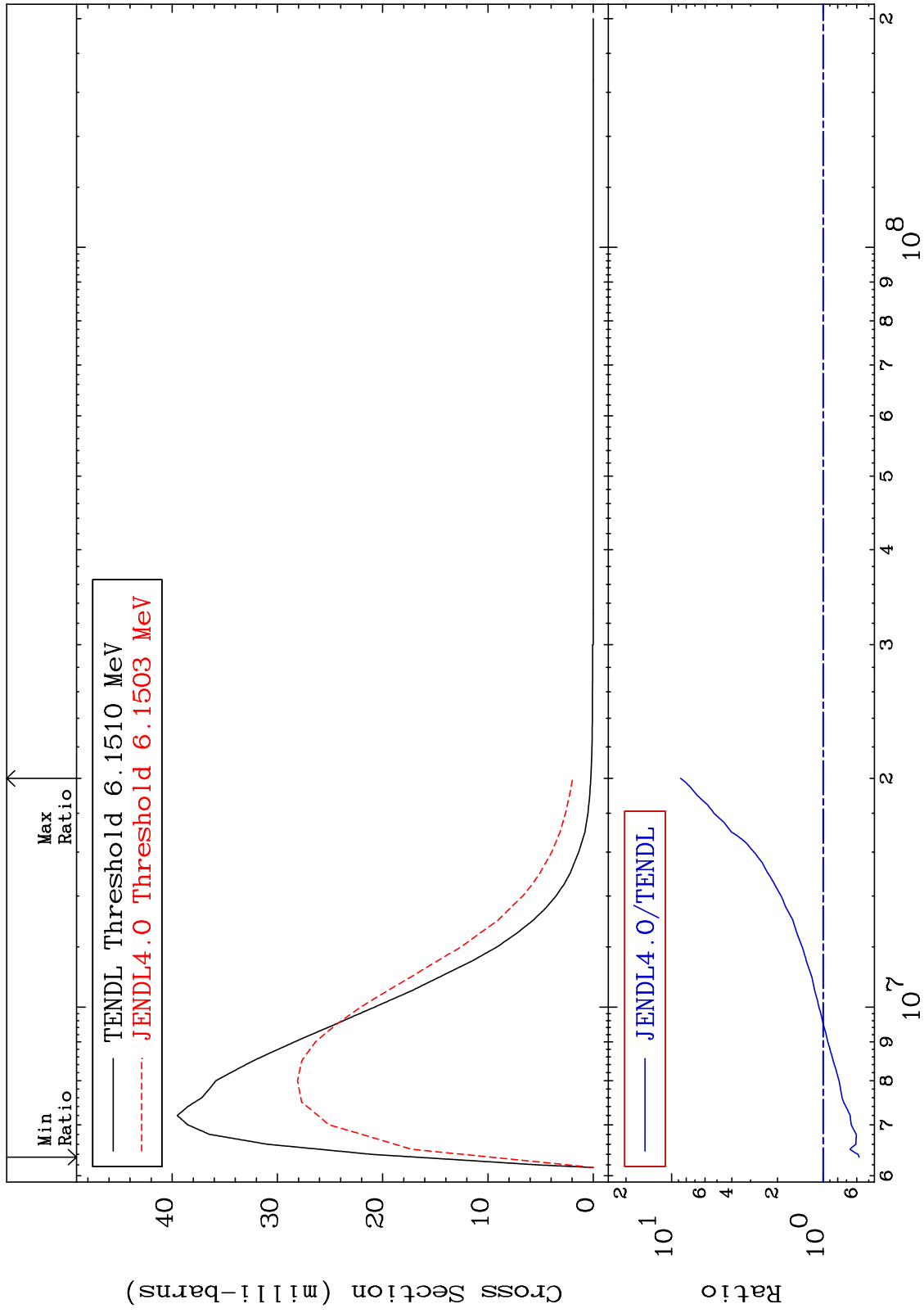
Incident Energy (eV)

17

MAT 1431

MT= 62 (n,n') Level
Cross Section

14-Si-30
-42.27 To 770.5 %

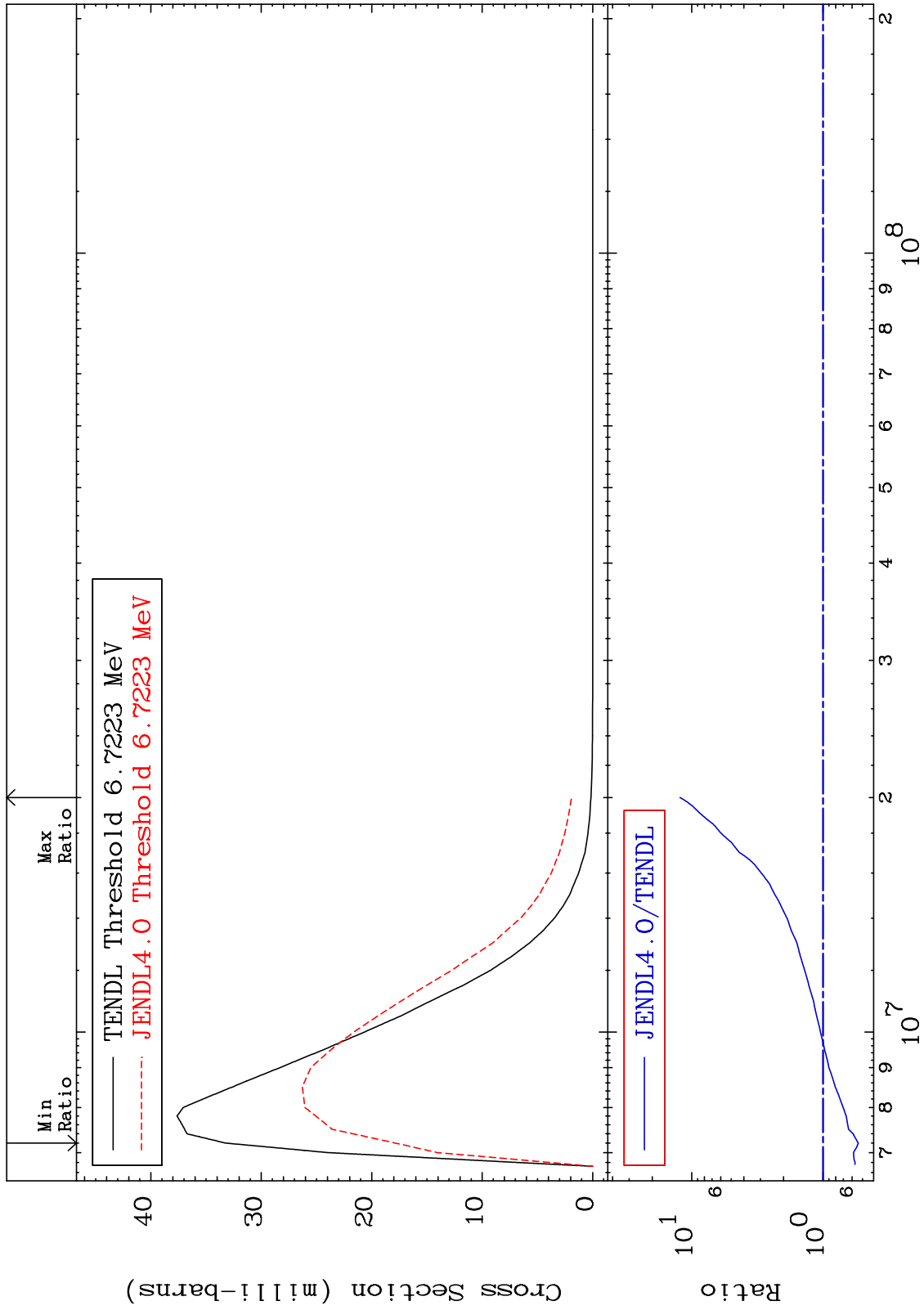


18

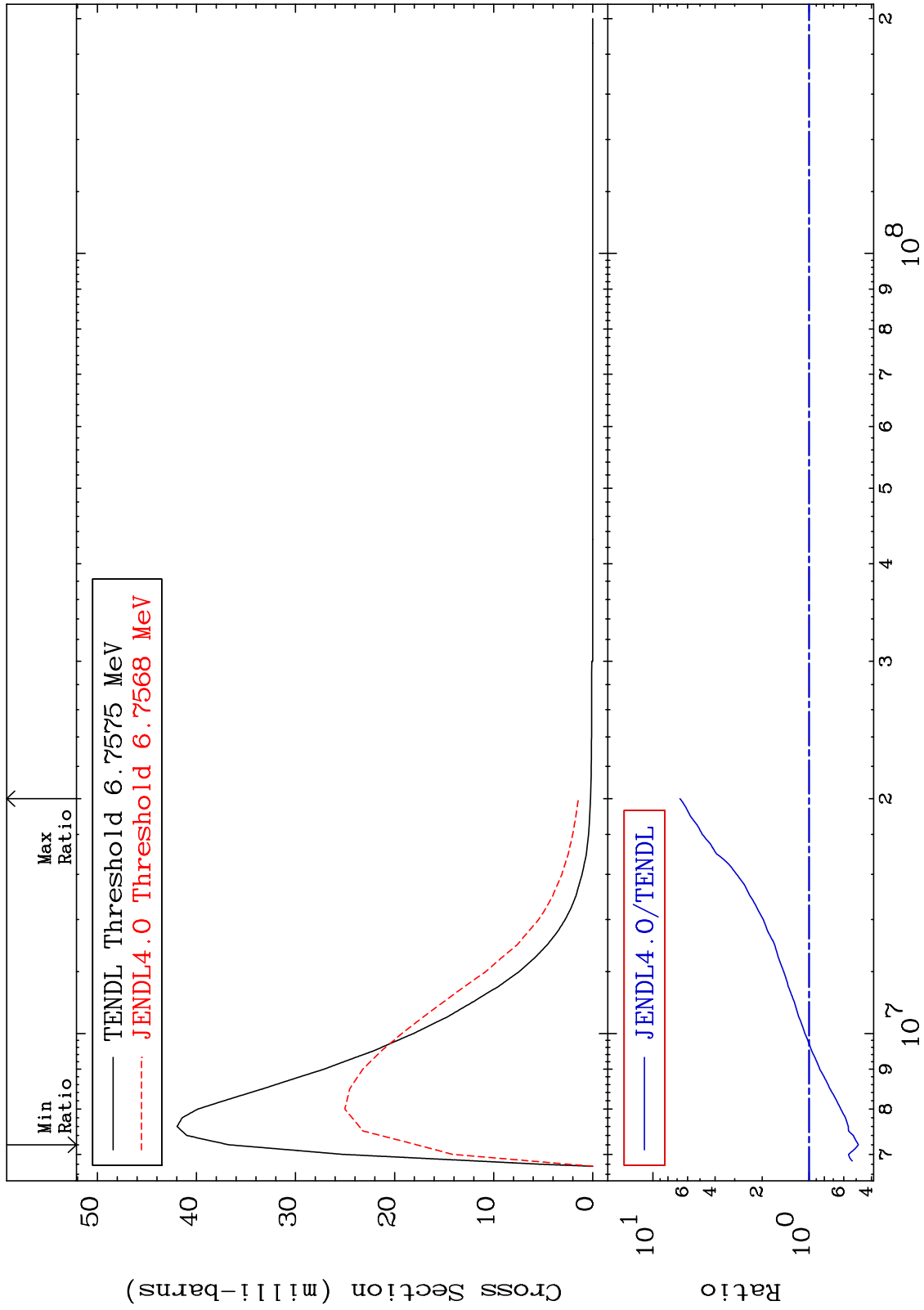
Incident Energy (eV)

14-Si-30

MAT 1431 MT= 63 (n,n') Level Cross Section 14-Si-30
 -46.24 To 1128. %



MAT 1431 MT= 64 (n,n') Level
Cross Section 14-Si-30
-51.60 To 570.3 %



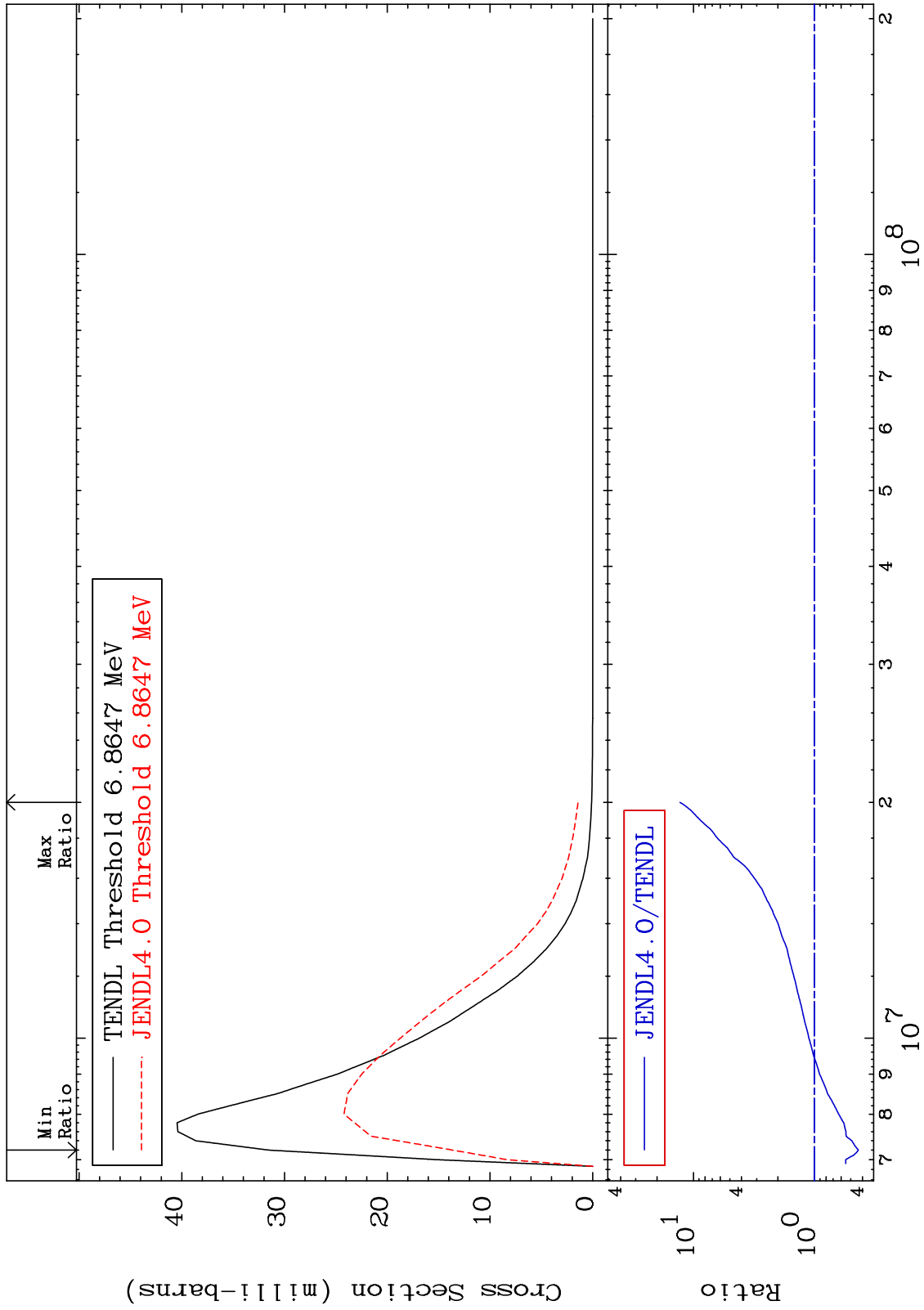
14-Si-30

Incident Energy (eV)

MAT 1431

MT= 65 (n,n') Level
Cross Section

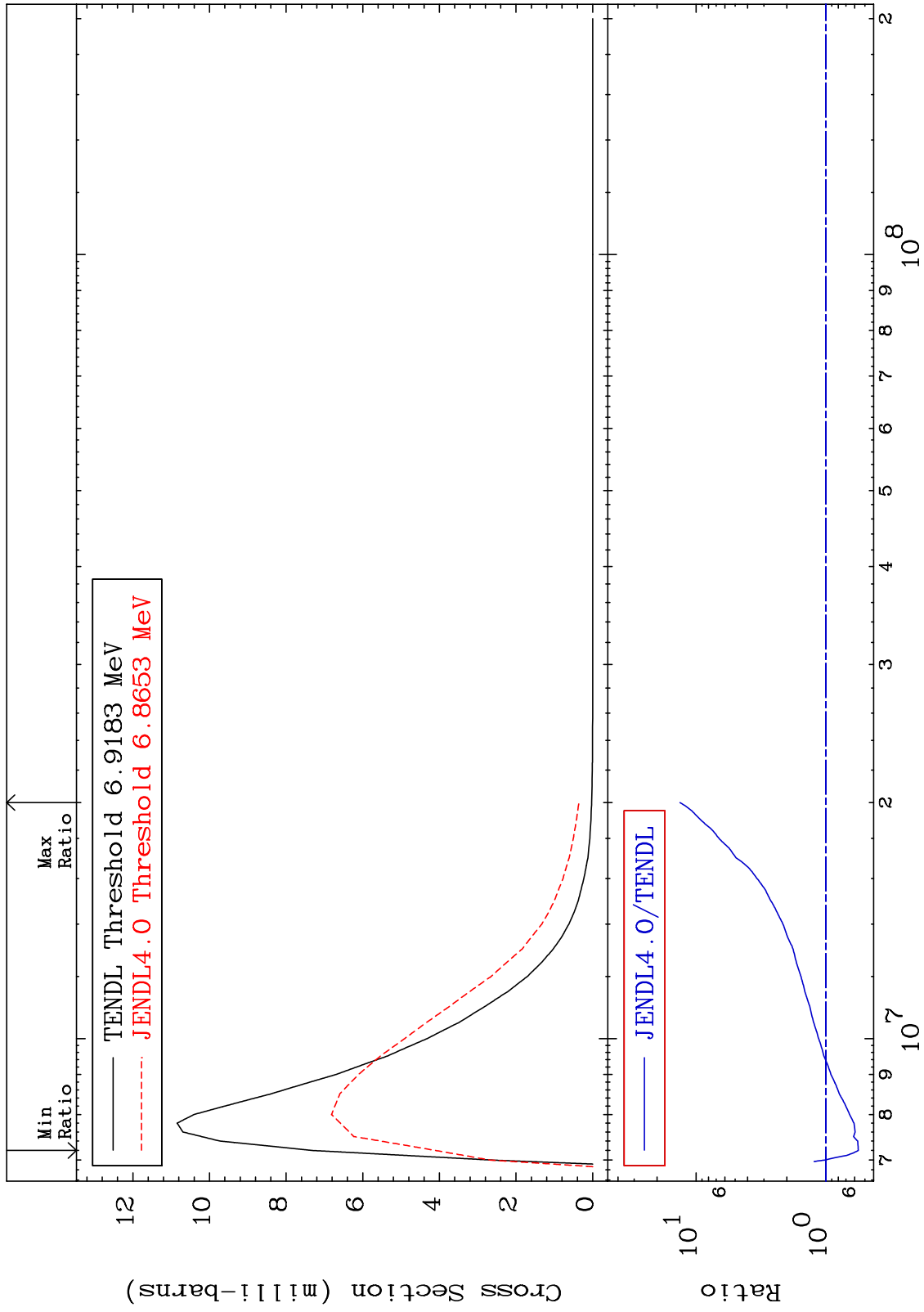
14-Si-30
-56.76 To 1190. %



MAT 1431

MT= 66 (n,n') Level
Cross Section

14-Si-30
-43.96 To 1229. %



22

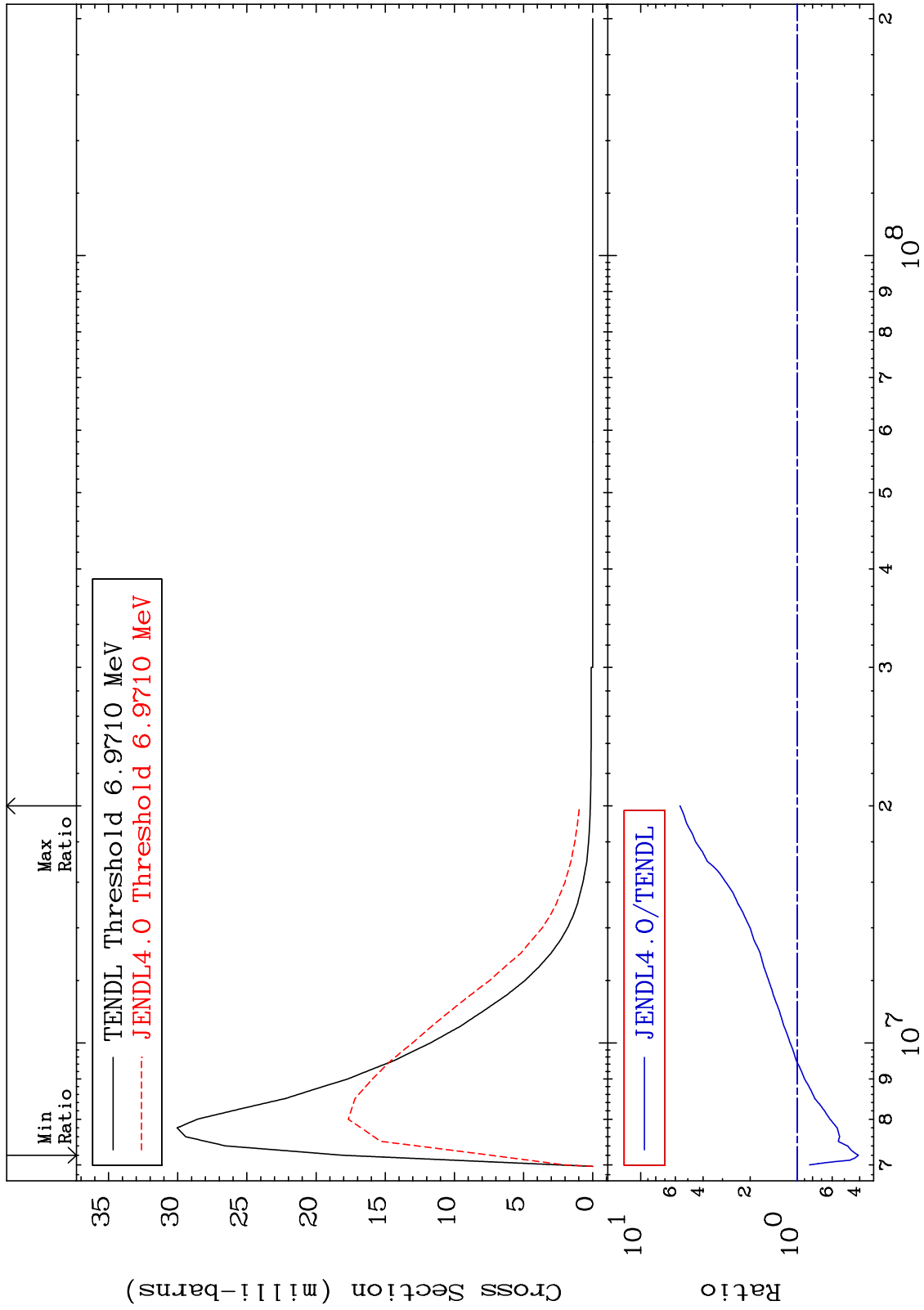
Incident Energy (eV)

14-Si-30

MAT 1431

MT= 67 (n,n') Level
Cross Section

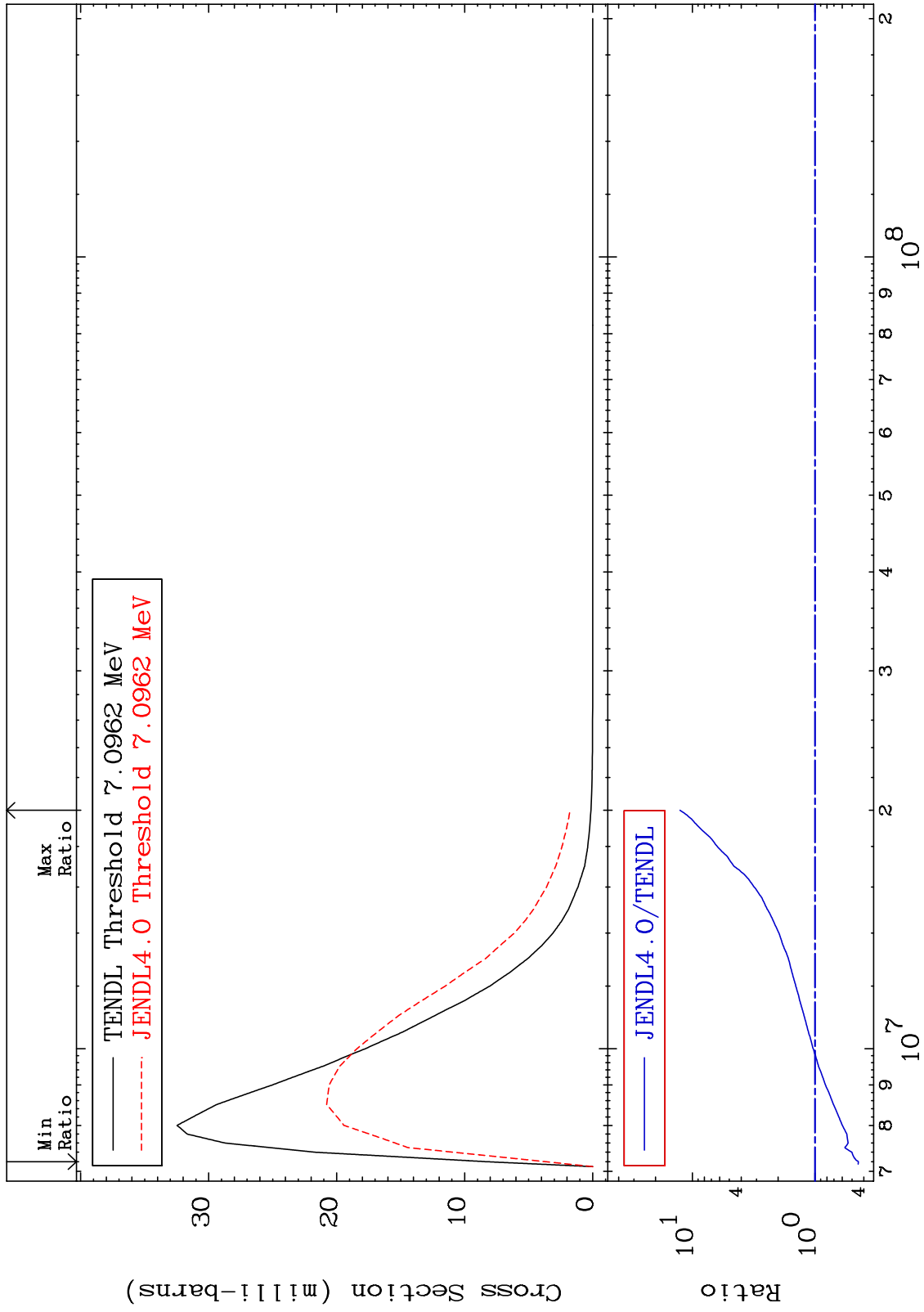
14-Si-30
-59.25 To 460.7 %



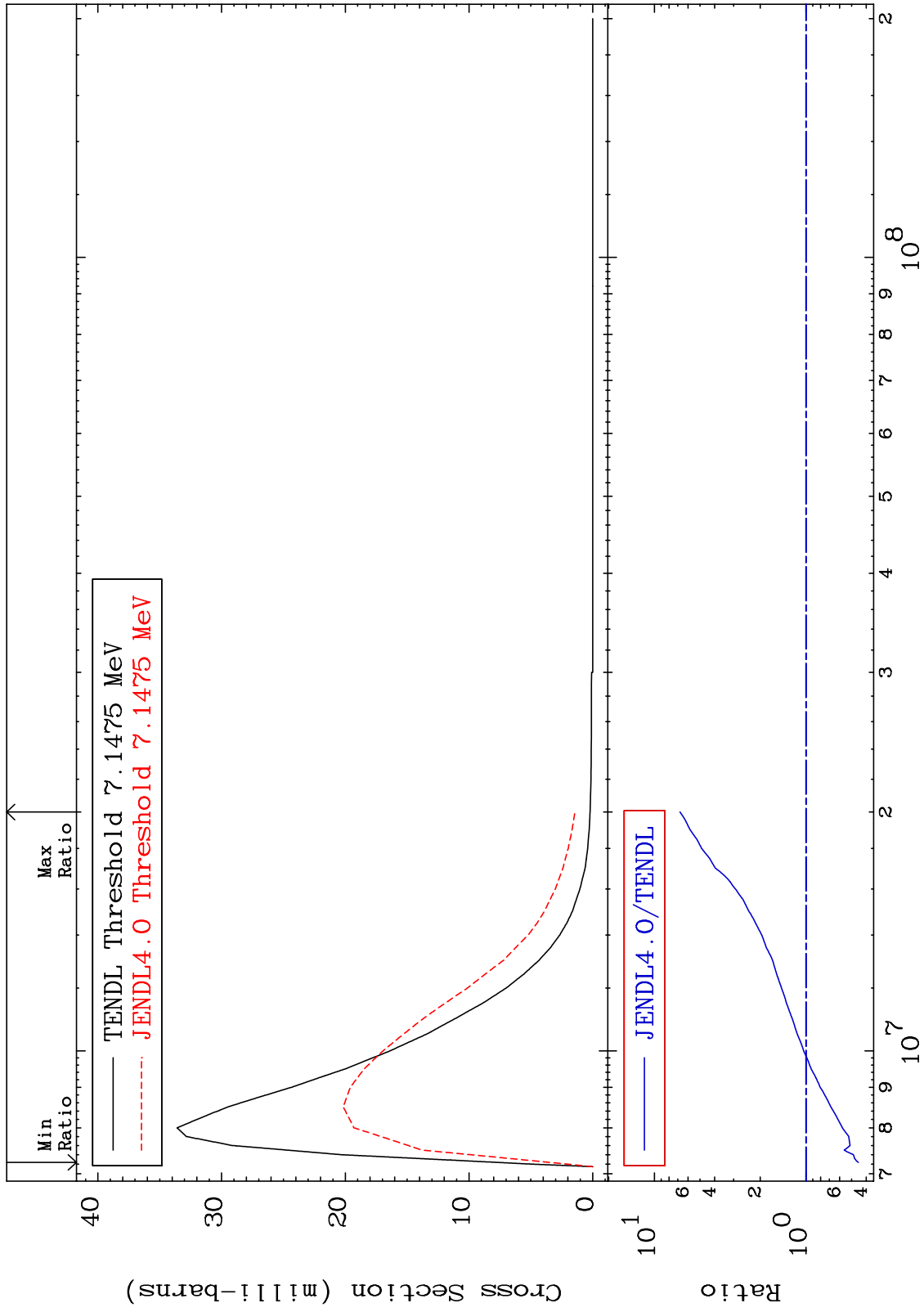
MAT 1431

MT= 68 (n,n') Level
Cross Section

14-Si-30
-55.72 To 1163. %



MAT 1431 MT= 69 (n,n') Level
Cross Section 14-Si-30
-54.95 To 577.2 %

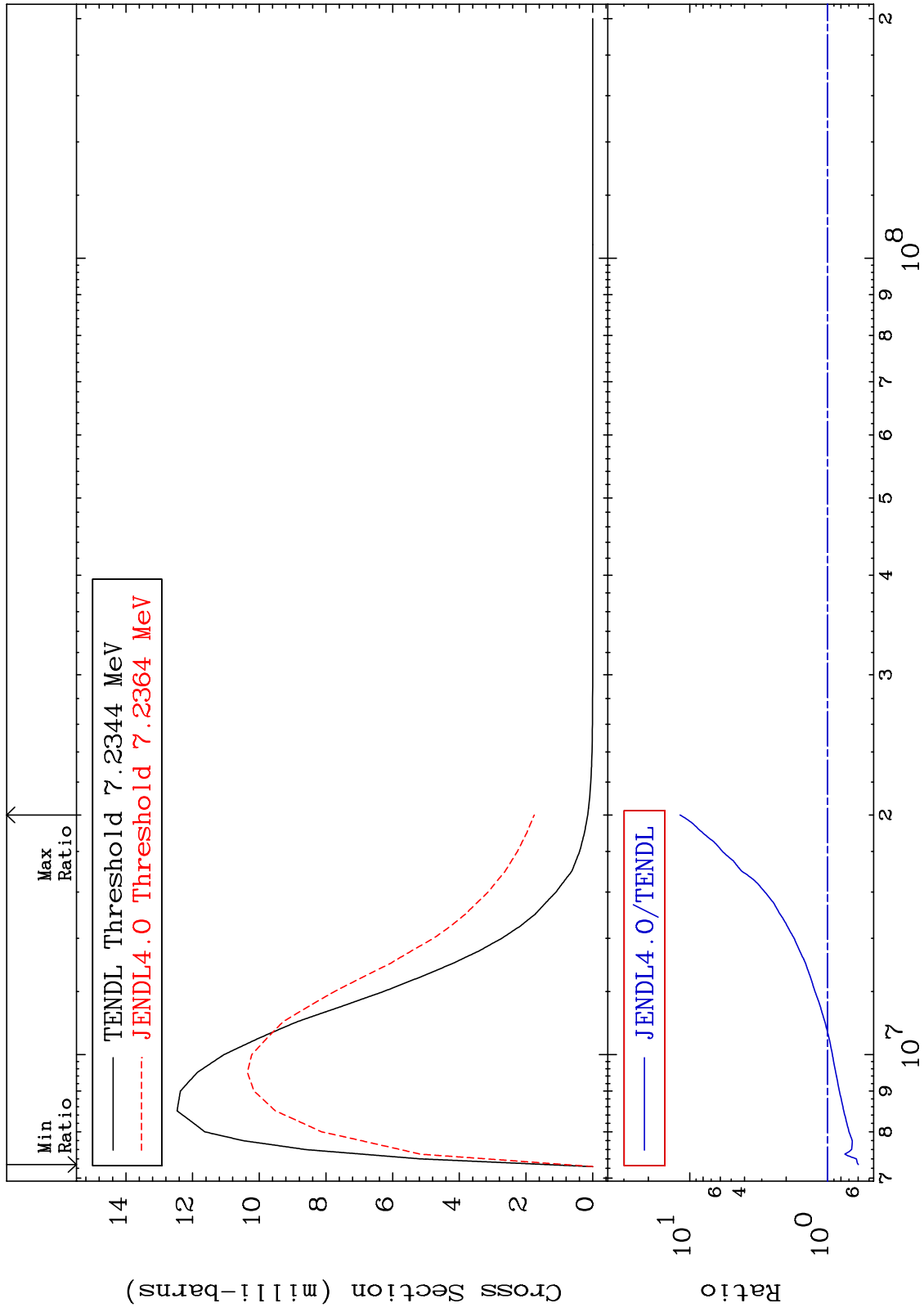


14-Si-30

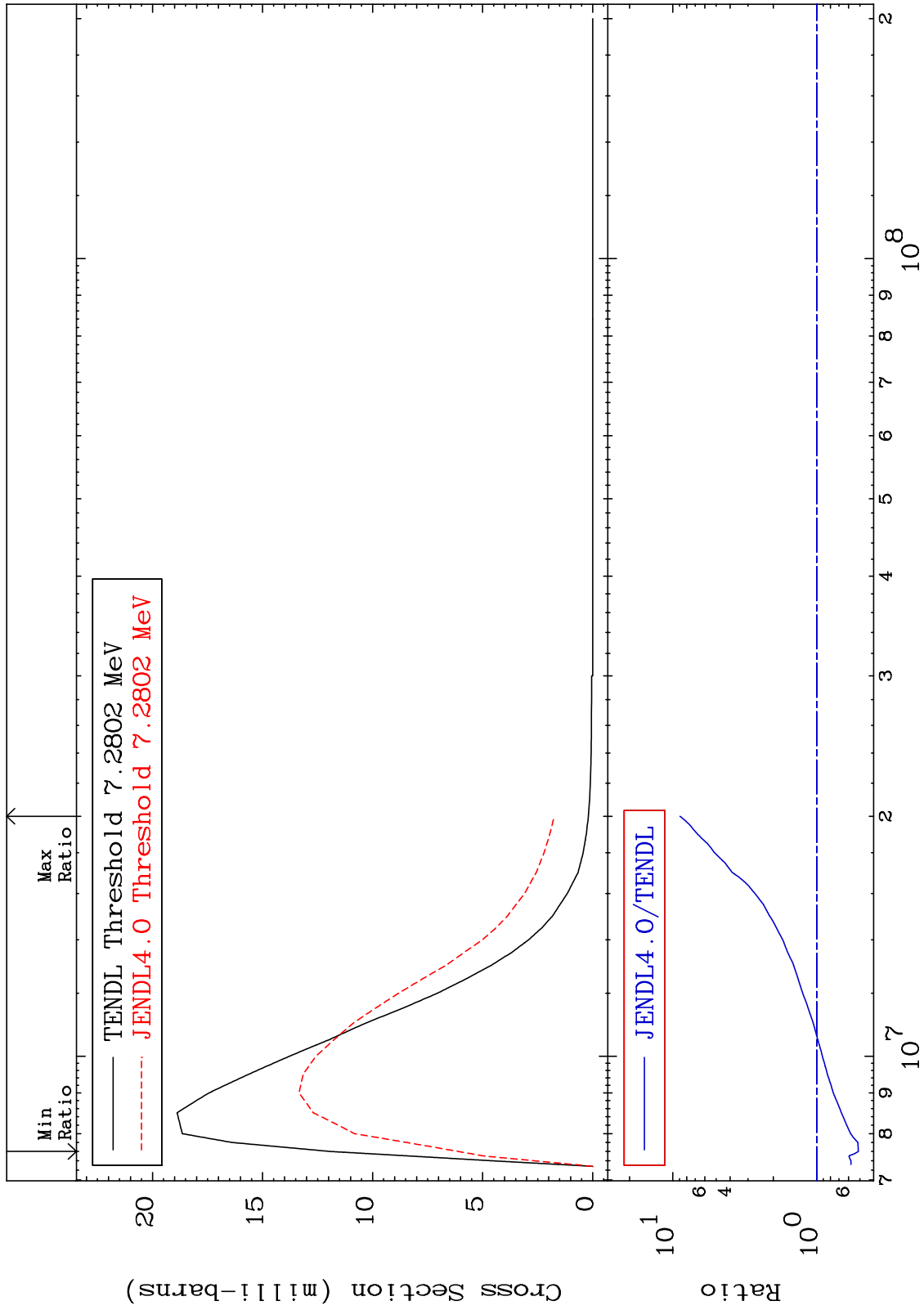
MAT 1431

MT= 70 (n,n') Level
Cross Section

14-Si-30
-40.19 To 1076. %



MAT 1431 MT= 71 (n,n') Level
 Cross Section 14-Si-30
 -48.81 To 791.5 %



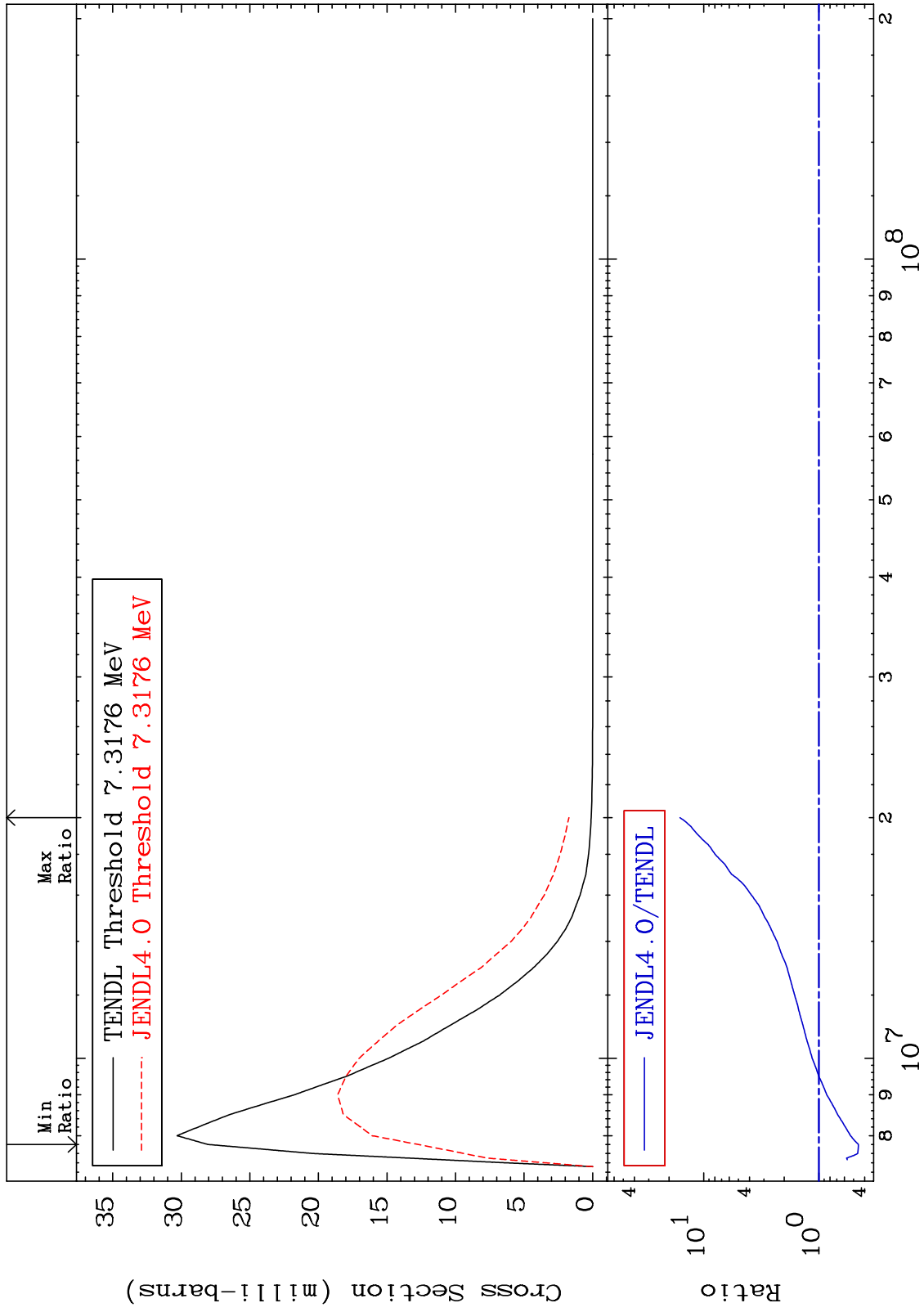
14-Si-30

Incident Energy (eV)

MAT 1431

MT= 72 (n,n') Level
Cross Section

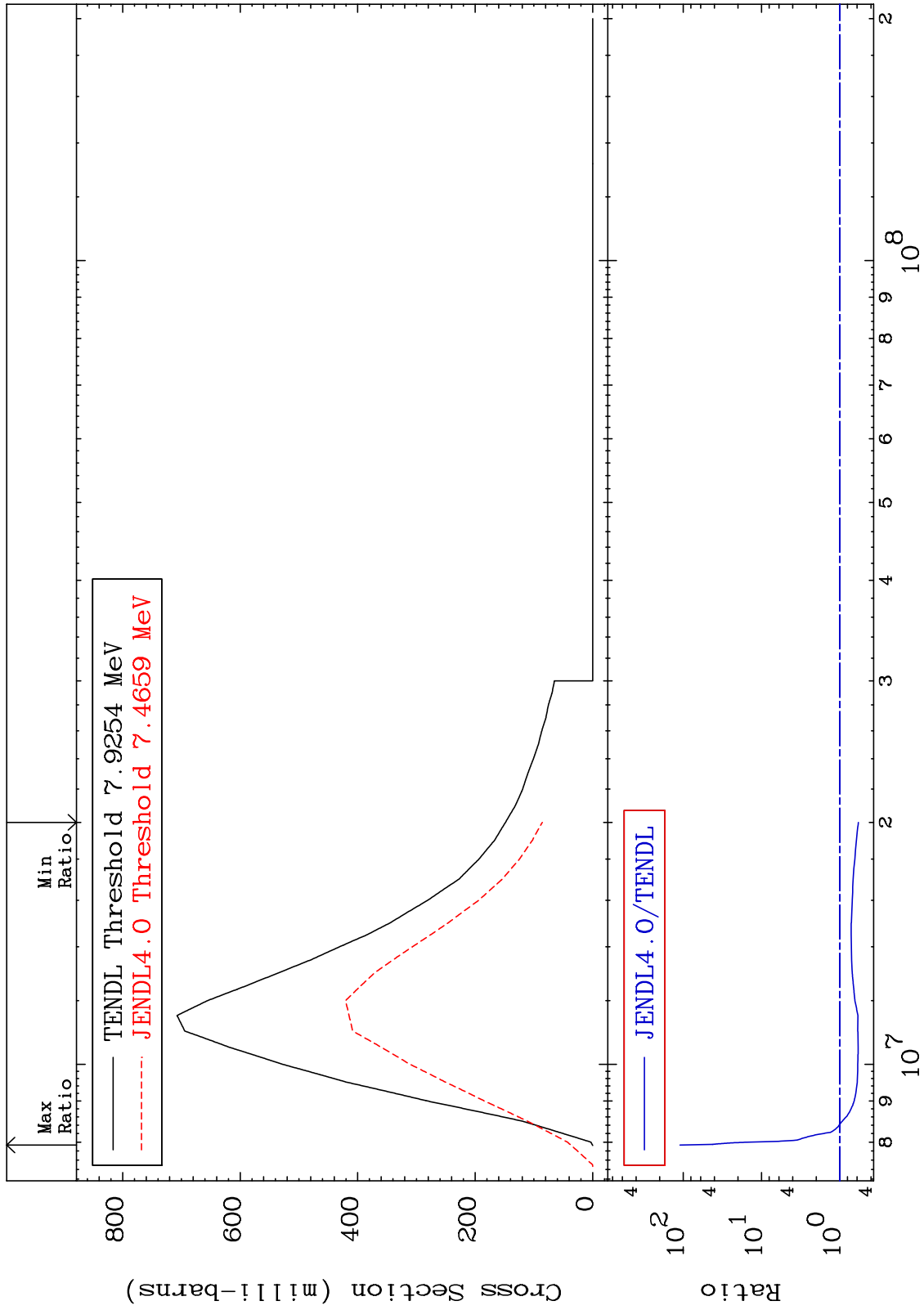
14-Si-30
-54.61 To 1504. %



MAT 1431

(n,n') Continuum
Cross Section

14-Si-30
-42.17 To 9999. %

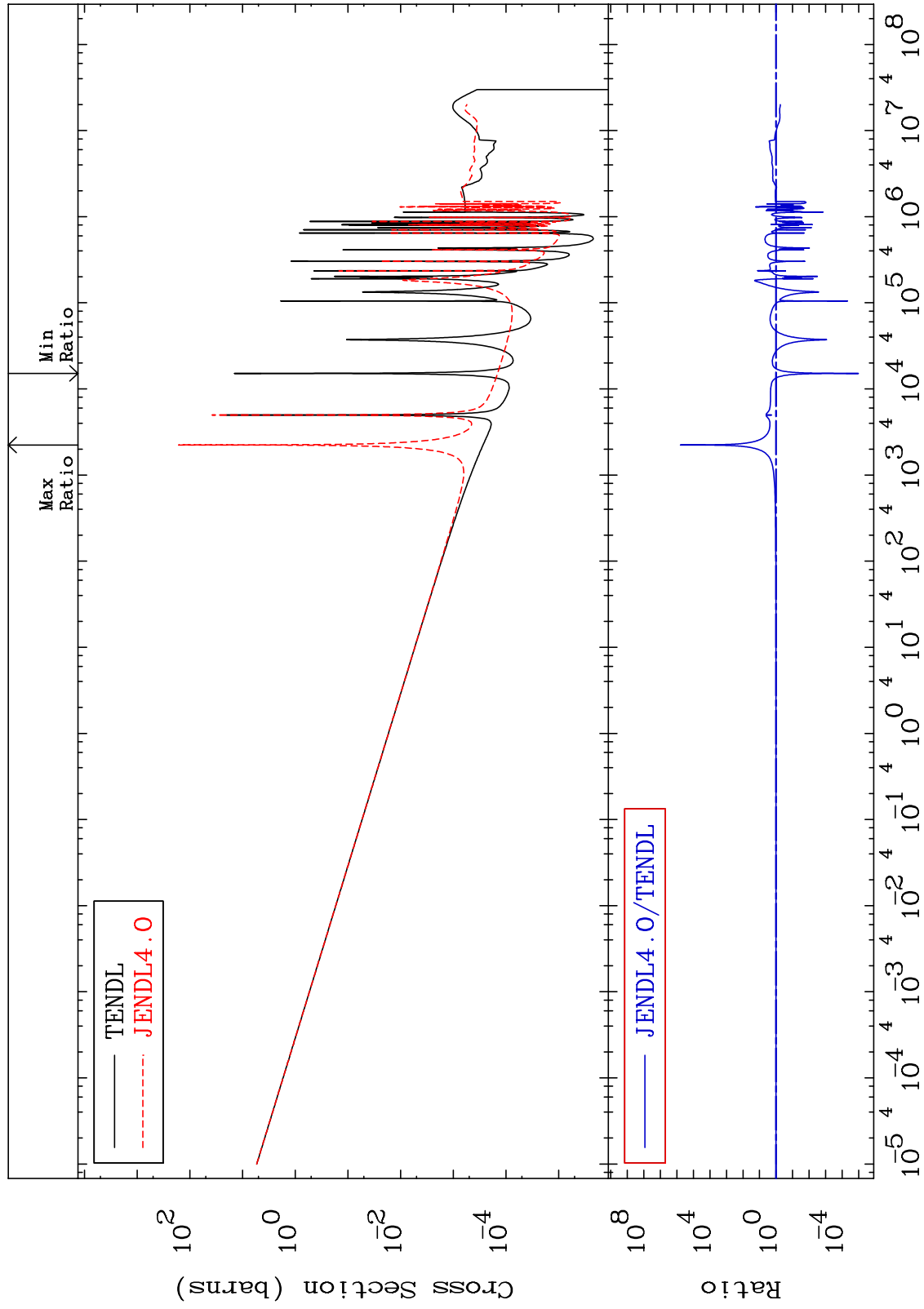


MAT 1431

(n, γ)
Cross Section

14-Si-30

-100.0 To 9999. %

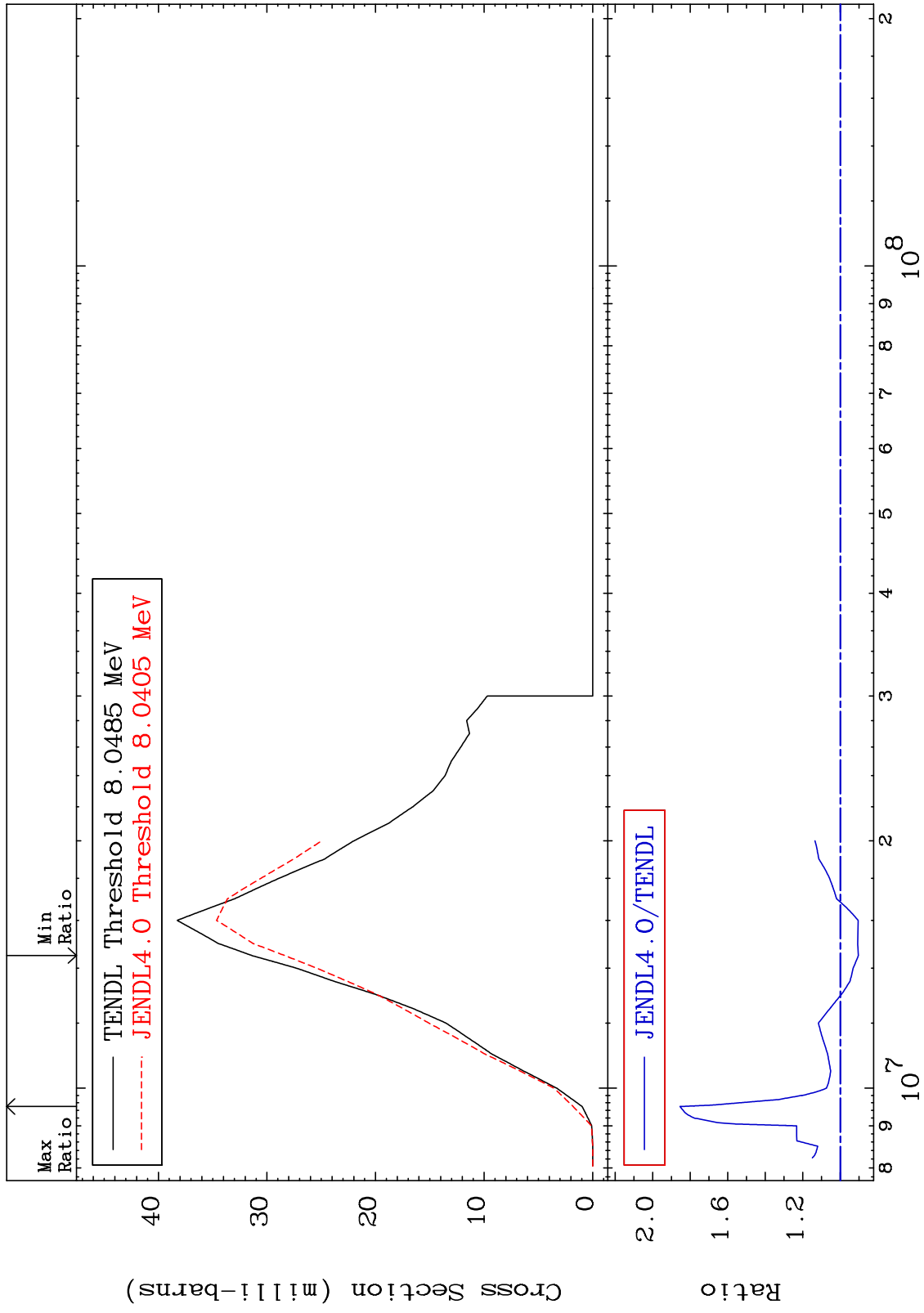


30

Incident Energy (eV)

14-Si-30

MAT 1431 (n,p) 14-Si-30
Cross Section -9.621 To 85.48 %



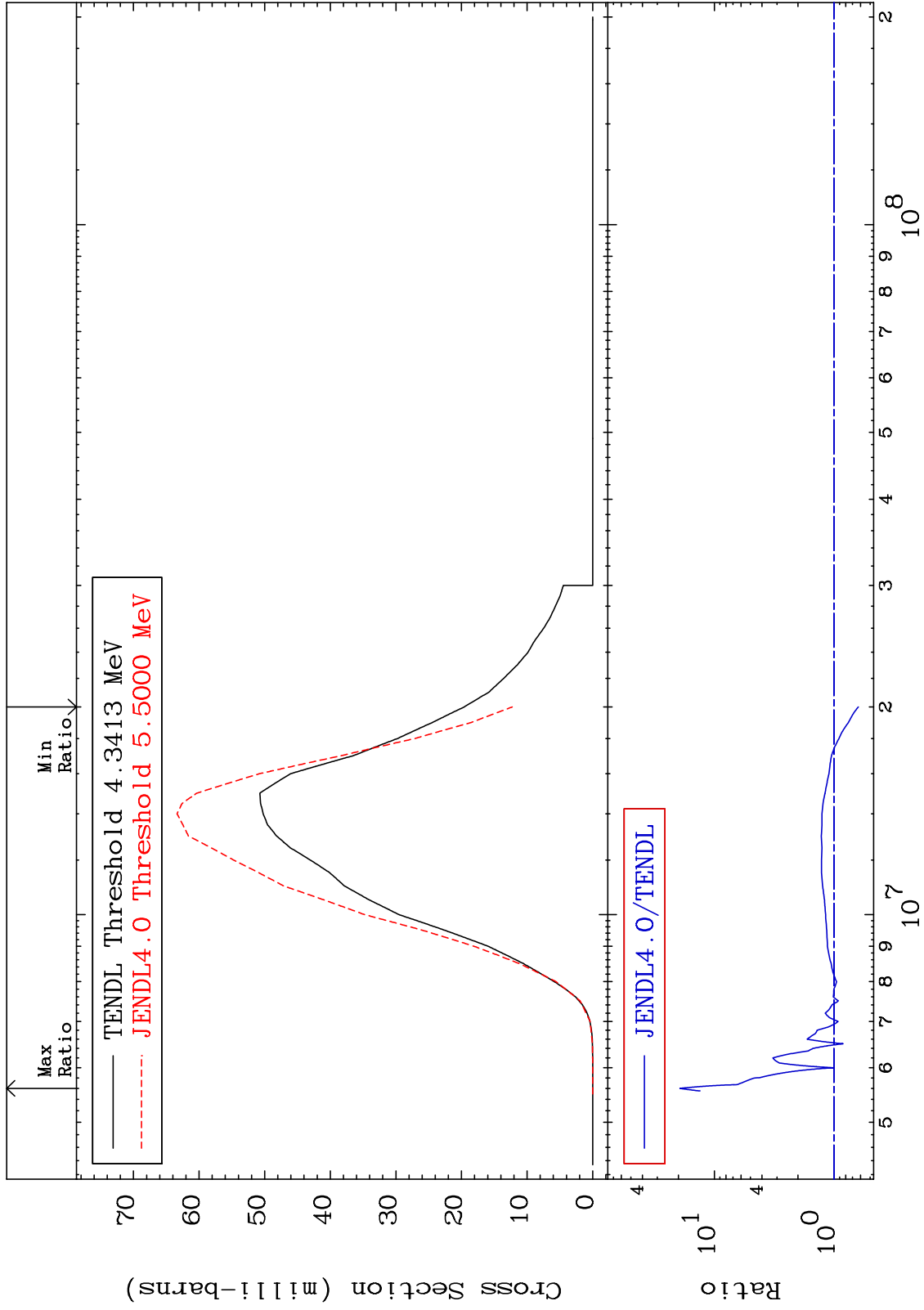
MAT 1431

(n, α)

14-Si-30

Cross Section

-37.46 To 1839. %



32

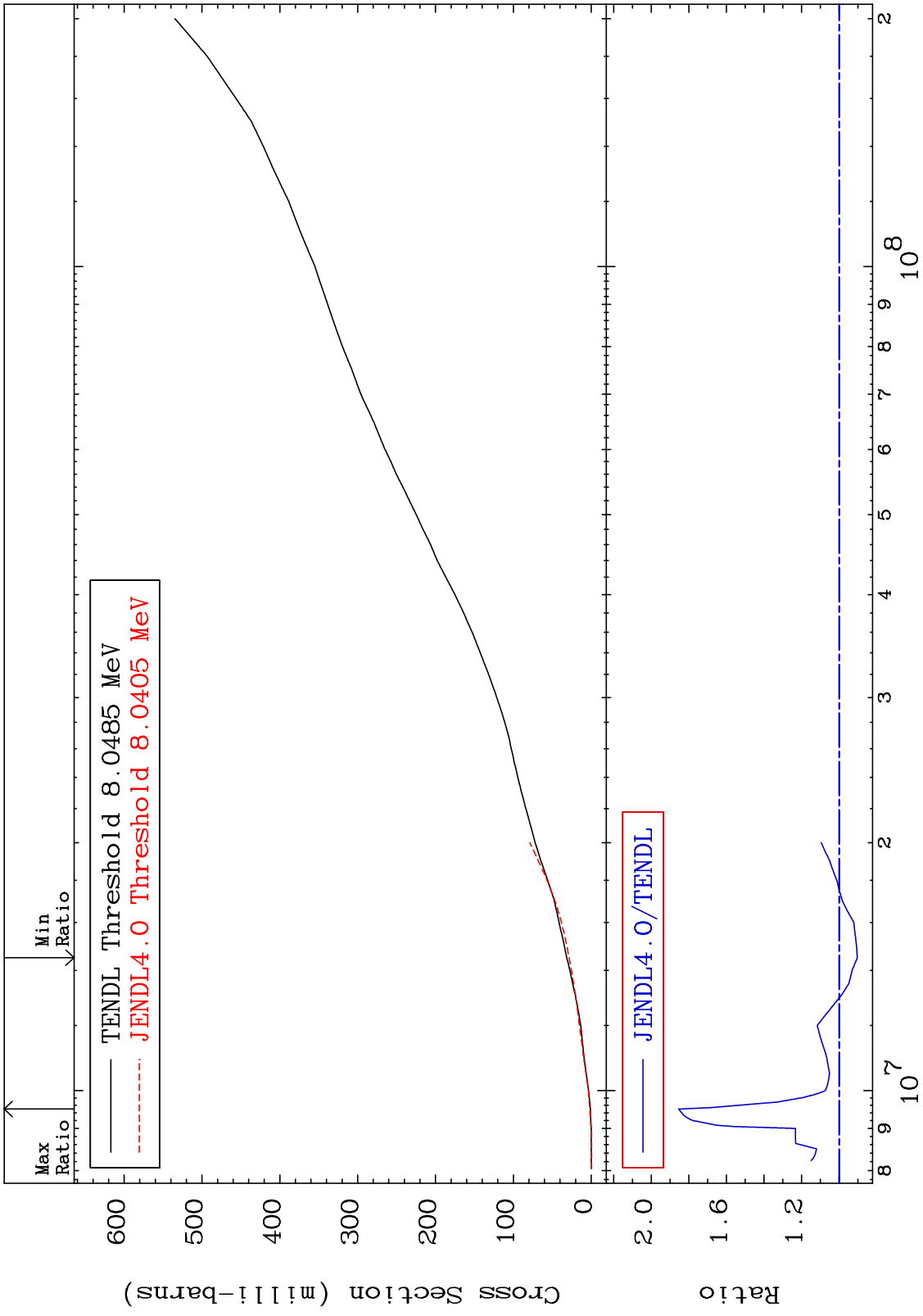
Incident Energy (eV)

14-Si-30

MAT 1431

Hydrogen Production
Cross Section

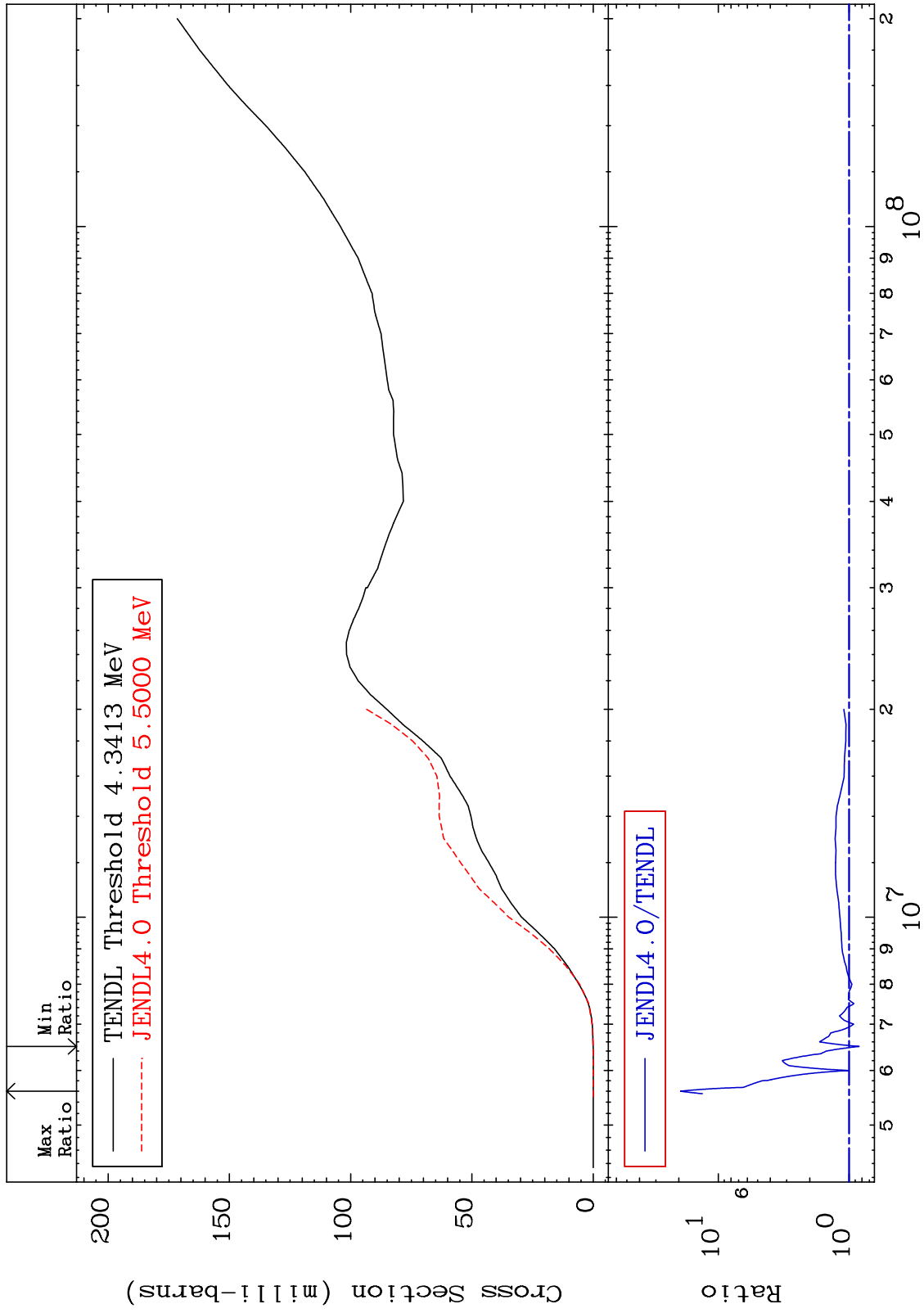
14-Si-30
-9.618 To 85.48 %



MAT 1431

He-4 Production
Cross Section

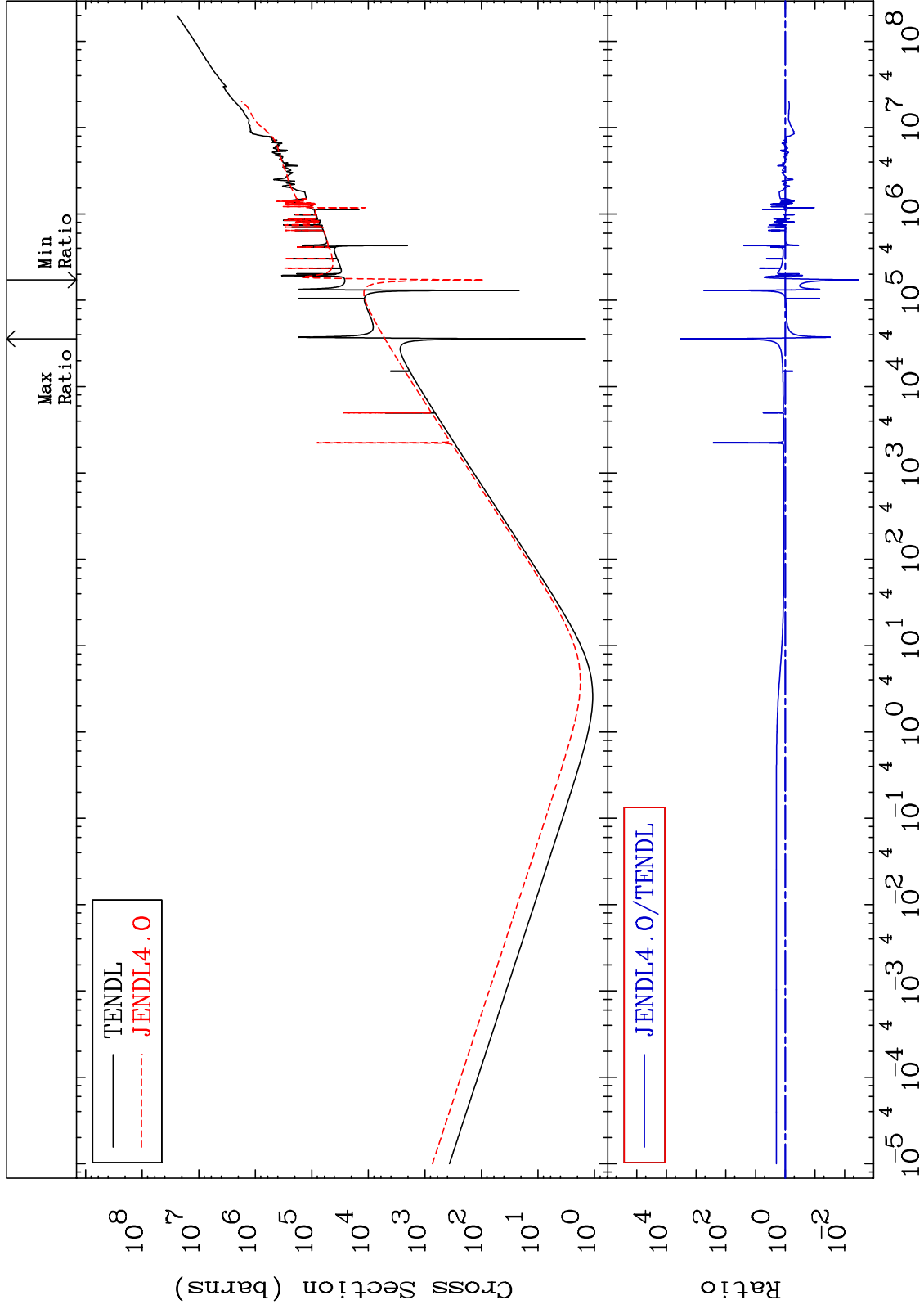
14-Si-30
-16.11 To 1839. %



MAT 1431

Kerma total (eV-barns)
Cross Section

14-Si-30
-99.66 To 9999. %



35

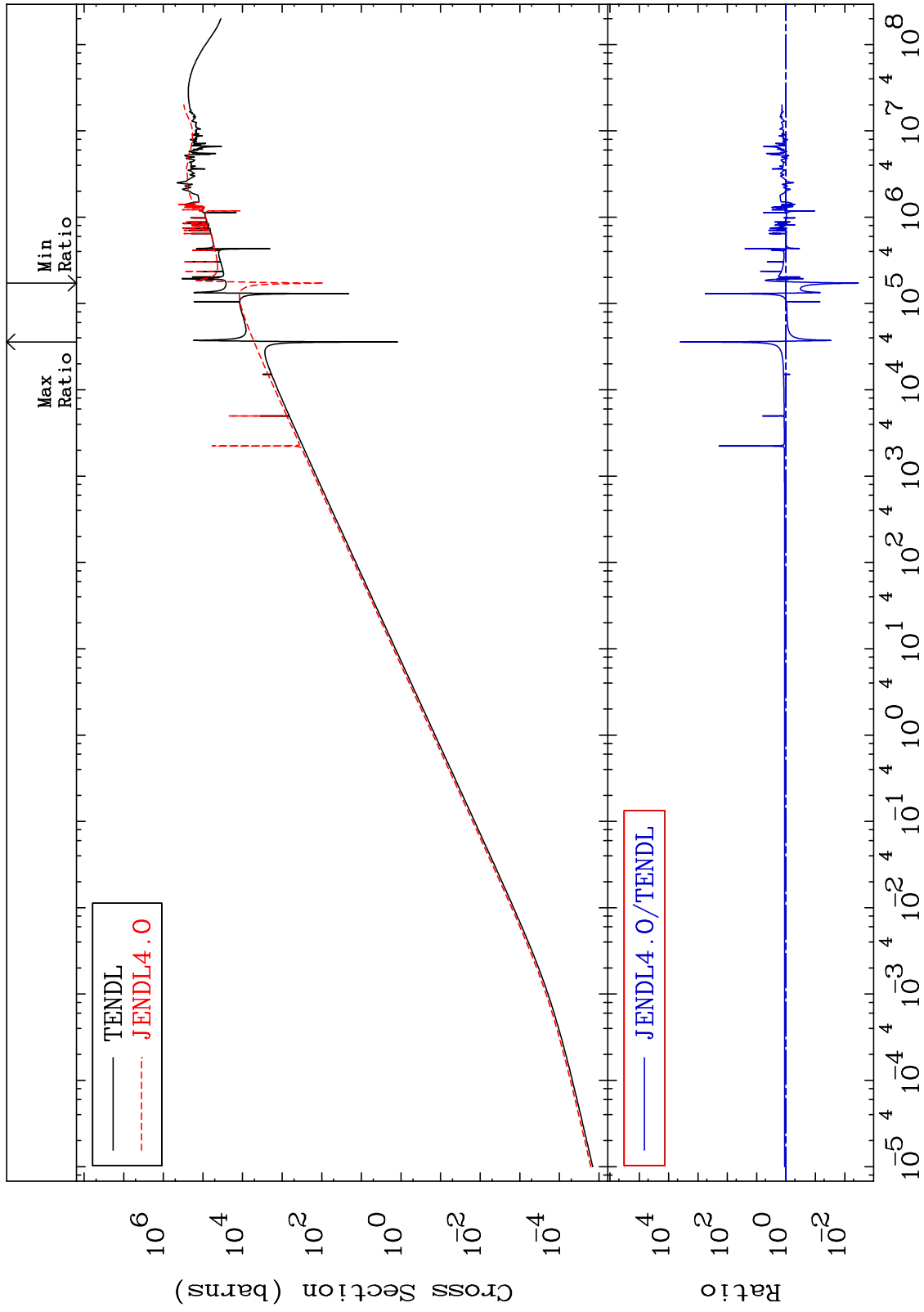
Incident Energy (eV)

14-Si-30

MAT 1431

Kerma elastic
Cross Section

14-Si-30
-99.66 To 9999. %



36

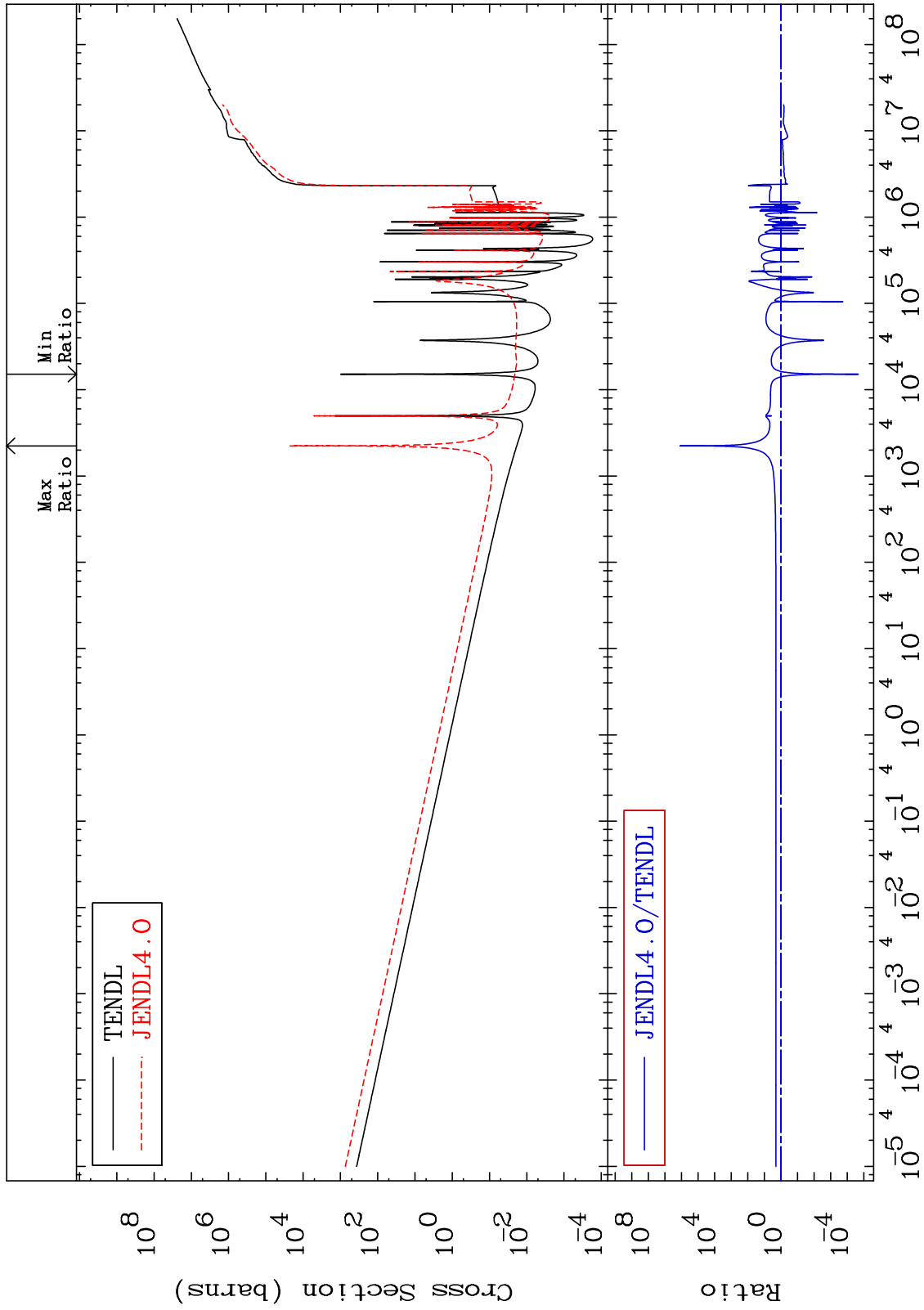
Incident Energy (eV)

14-Si-30

MAT 1431

Kerma non-elastic (all but mt2)
Cross Section

14-Si-30
-100.0 To 9999. %



37

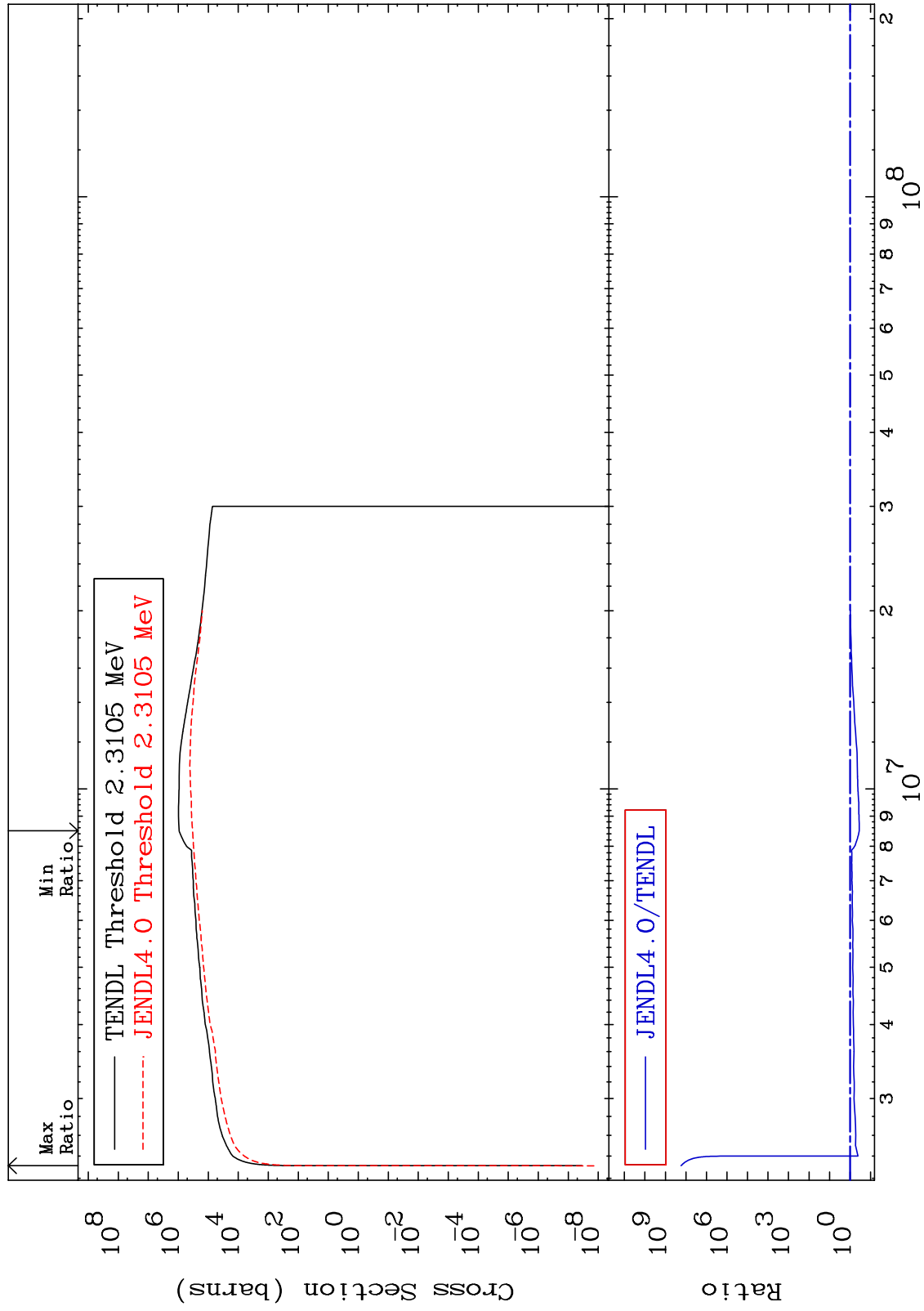
Incident Energy (eV)

14-Si-30

MAT 1431

Kerma inelastic (mt51-91)
Cross Section

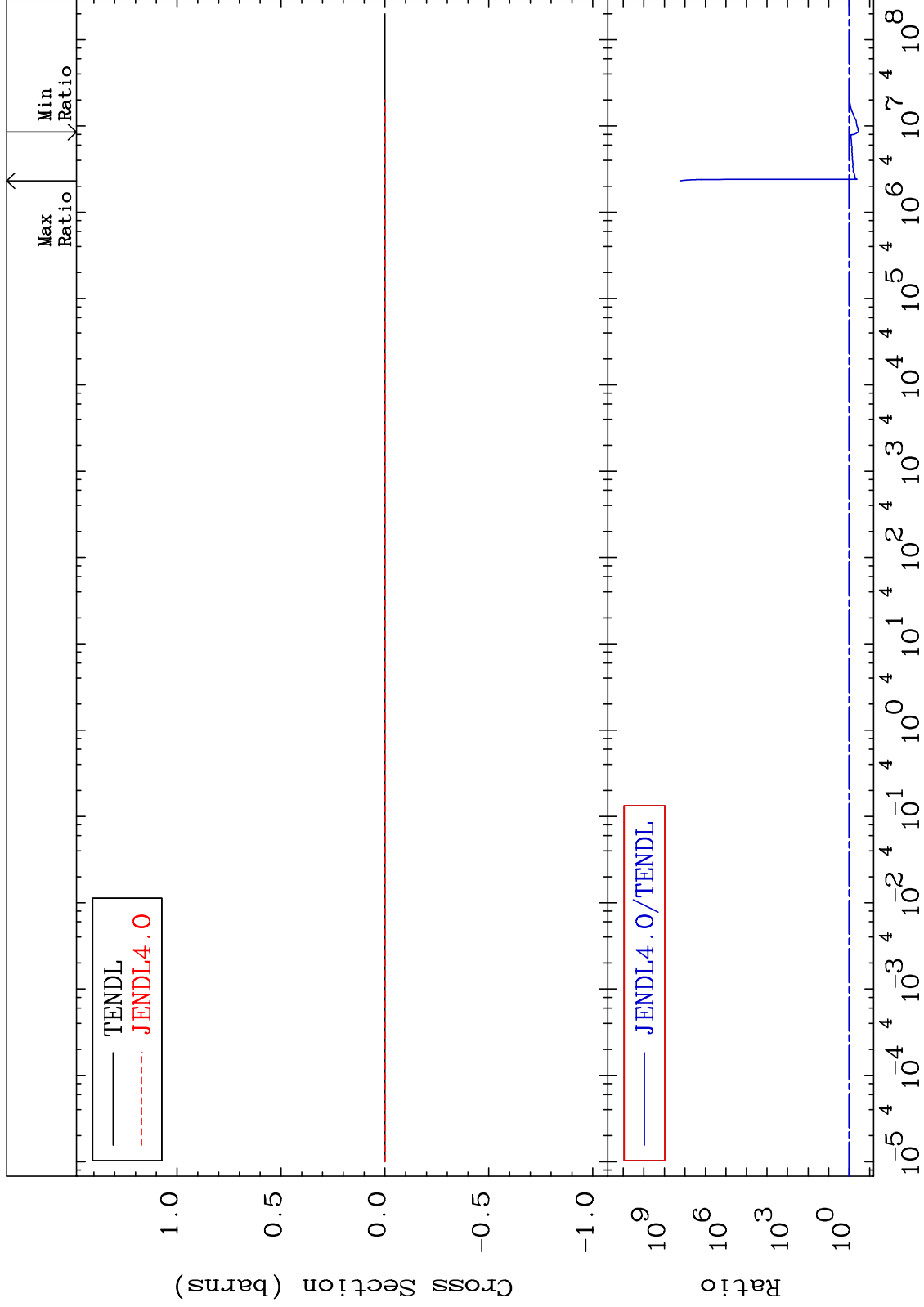
14-Si-30
-64.59 To 9999. %



MAT 1431

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

14-Si-30
-64.59 To 9999. %



39

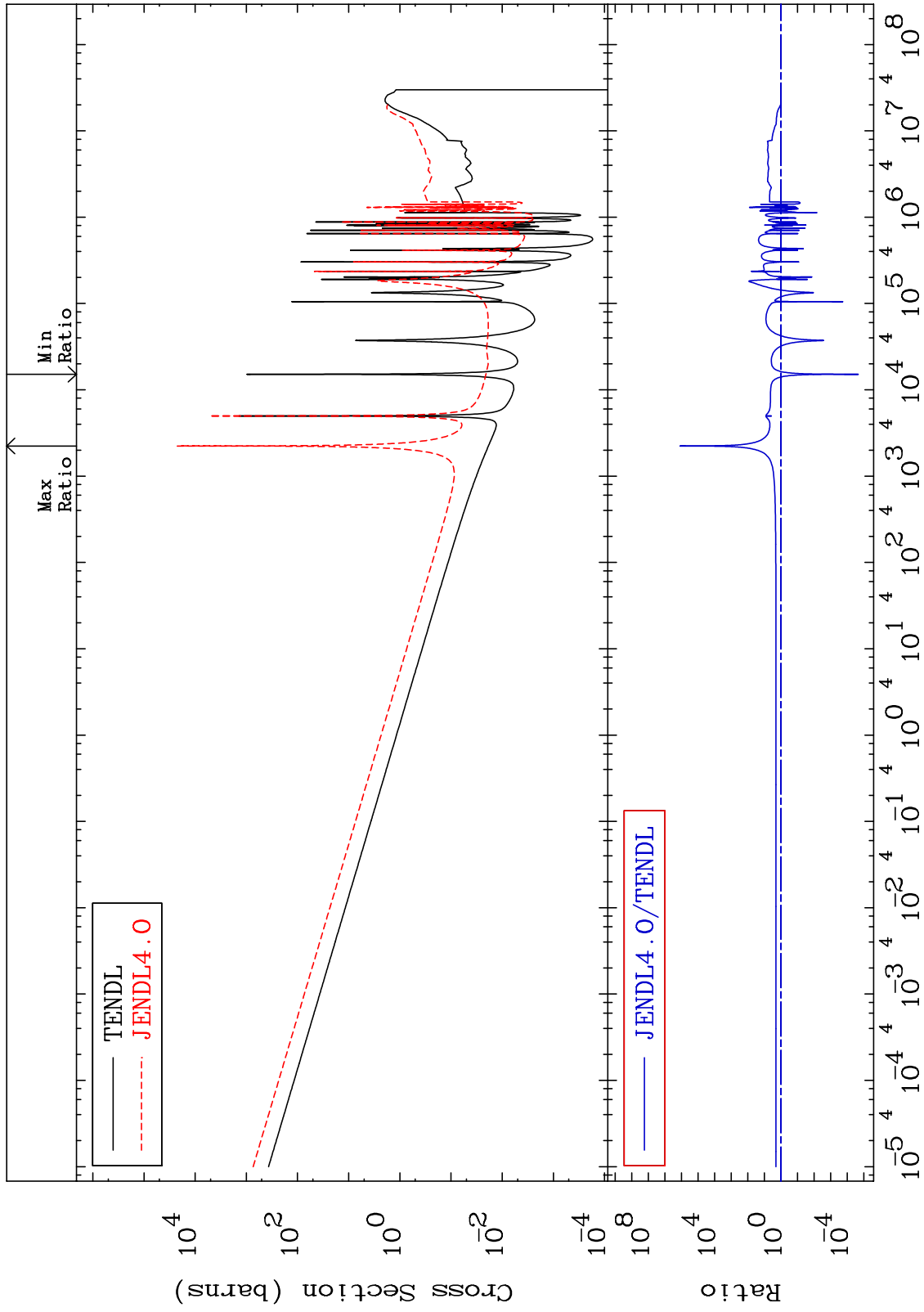
Incident Energy (eV)

14-Si-30

MAT 1431

Kerma capture (mt102)
Cross Section

14-Si-30
-100.0 To 9999. %



40

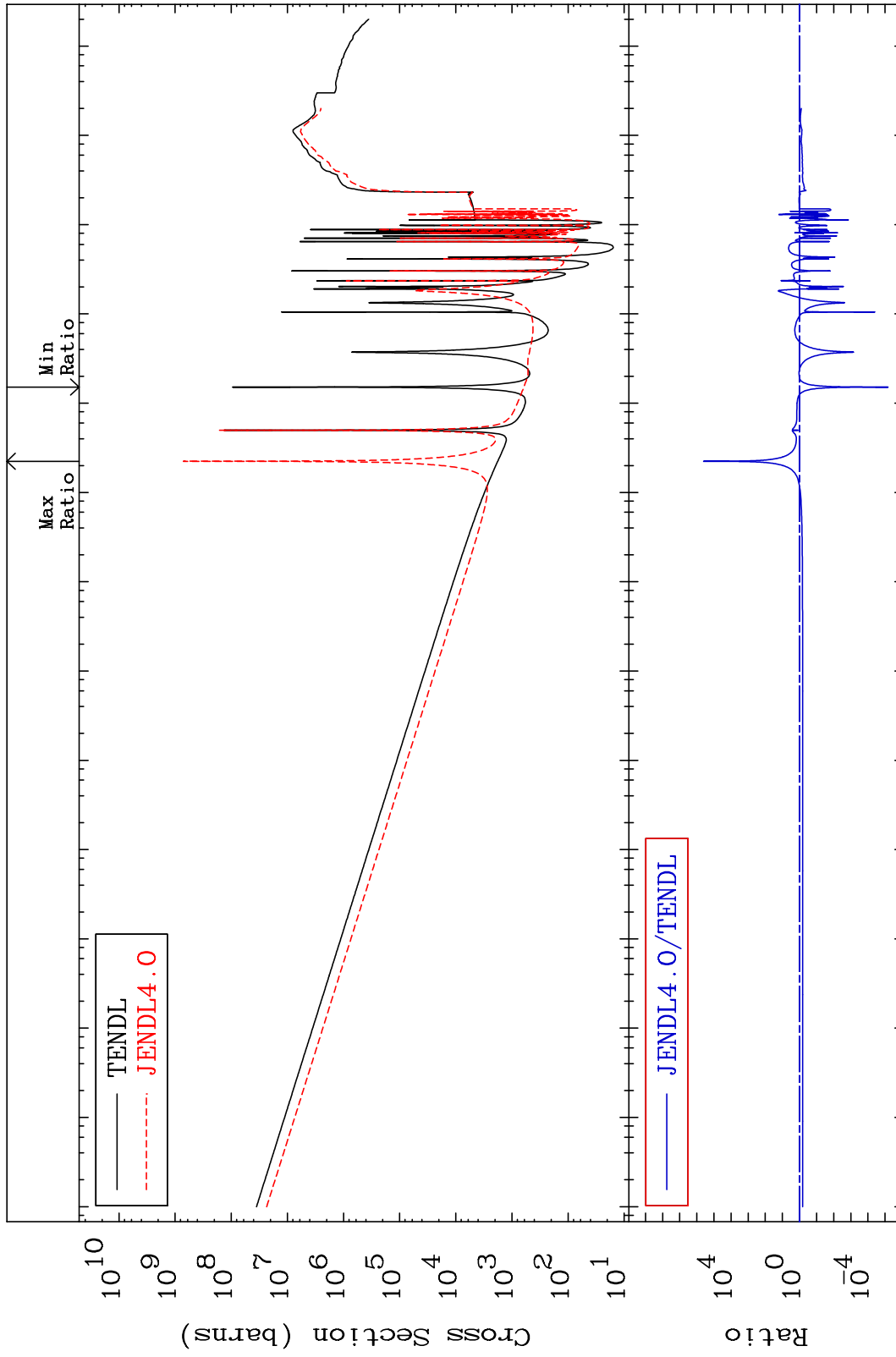
Incident Energy (eV)

14-Si-30

MAT 1431

Total photon (eV-barns)
Cross Section

14-Si-30
-100.0 To 9999. %



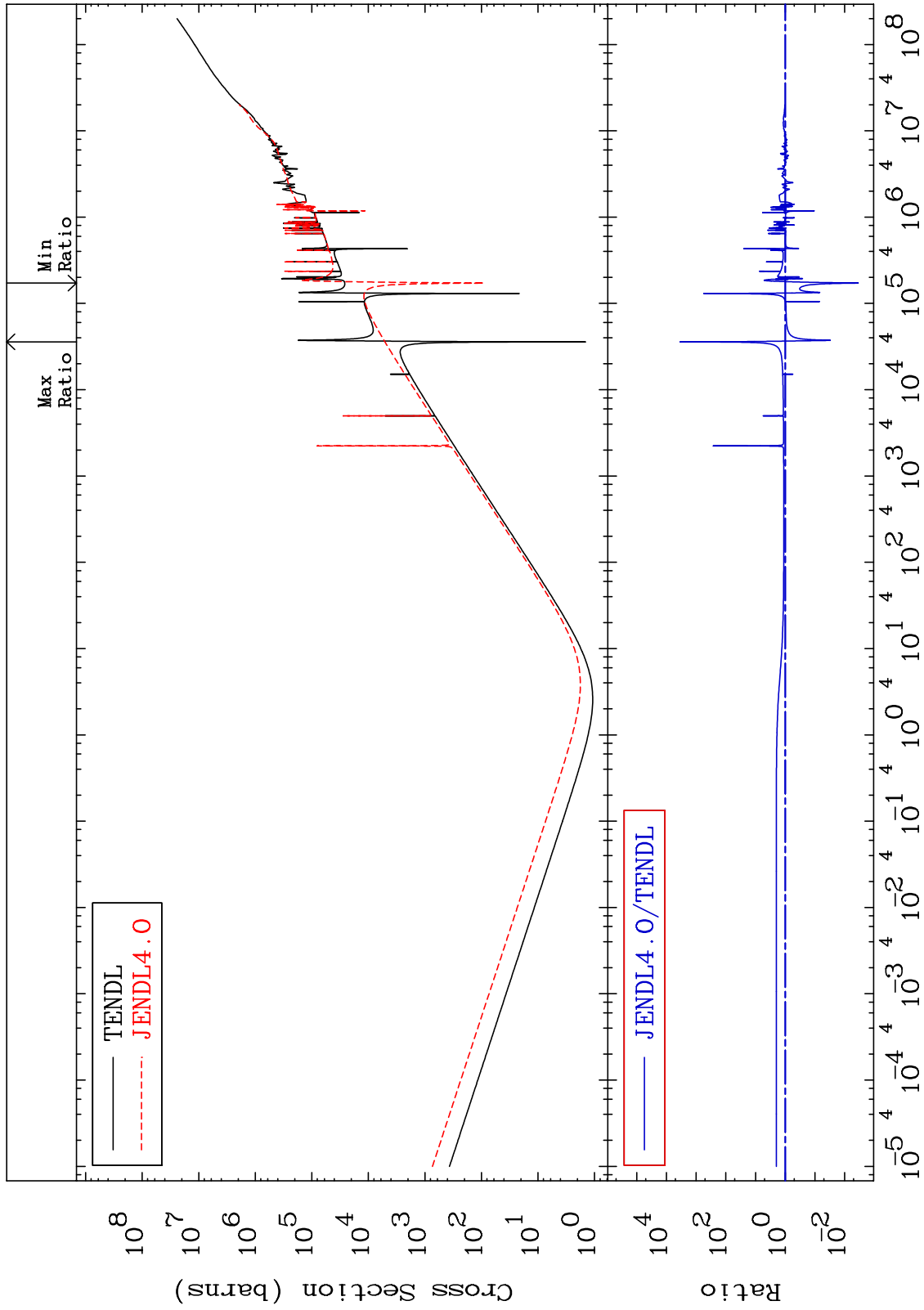
Incident Energy (eV)

14-Si-30

MAT 1431

Total kinematic kerma (high limit)
Cross Section

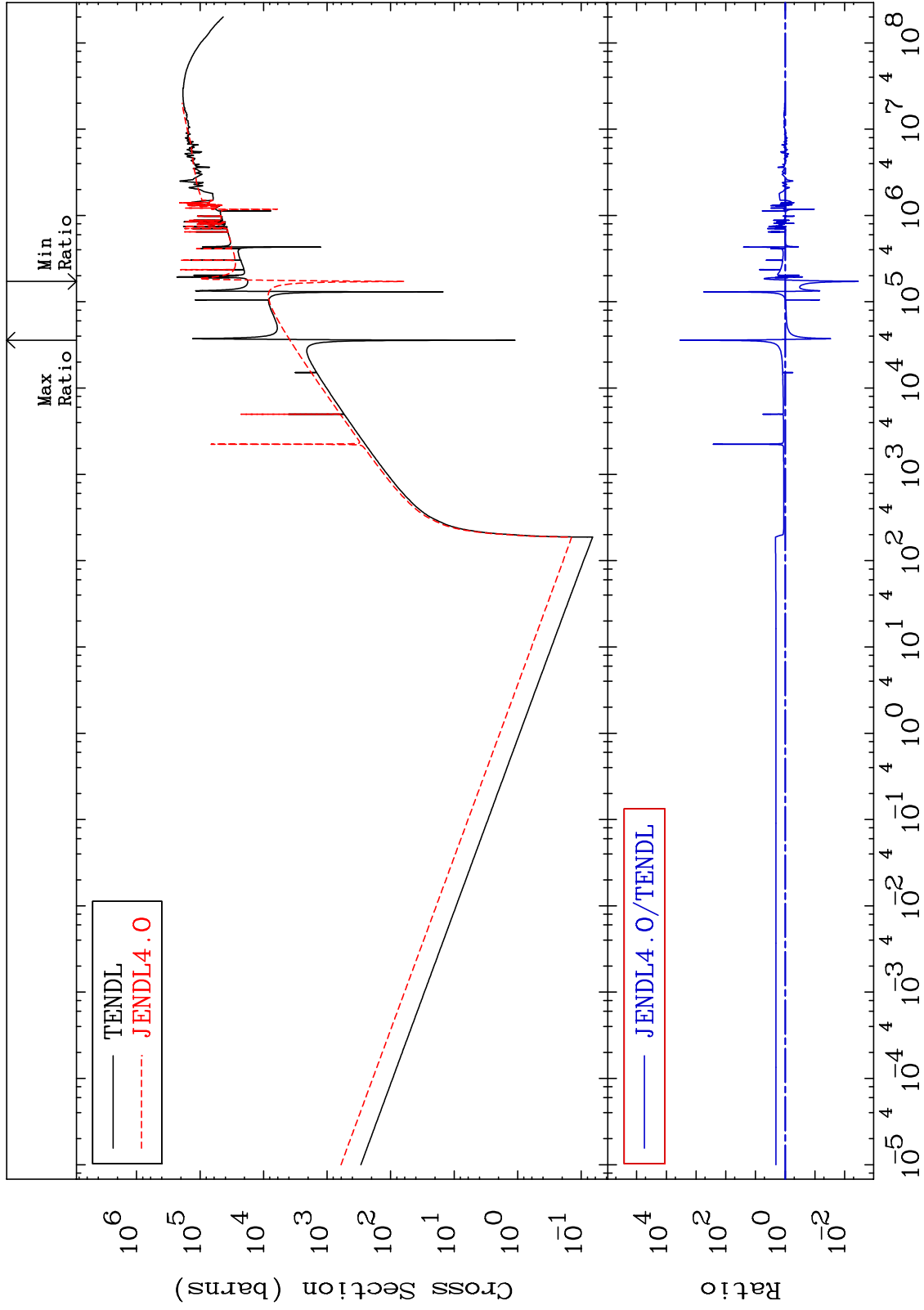
14-Si-30
-99.66 To 9999. %



MAT 1431

Dpa total (eV-barns)
Cross Section

14-Si-30
-99.65 To 9999. %



43

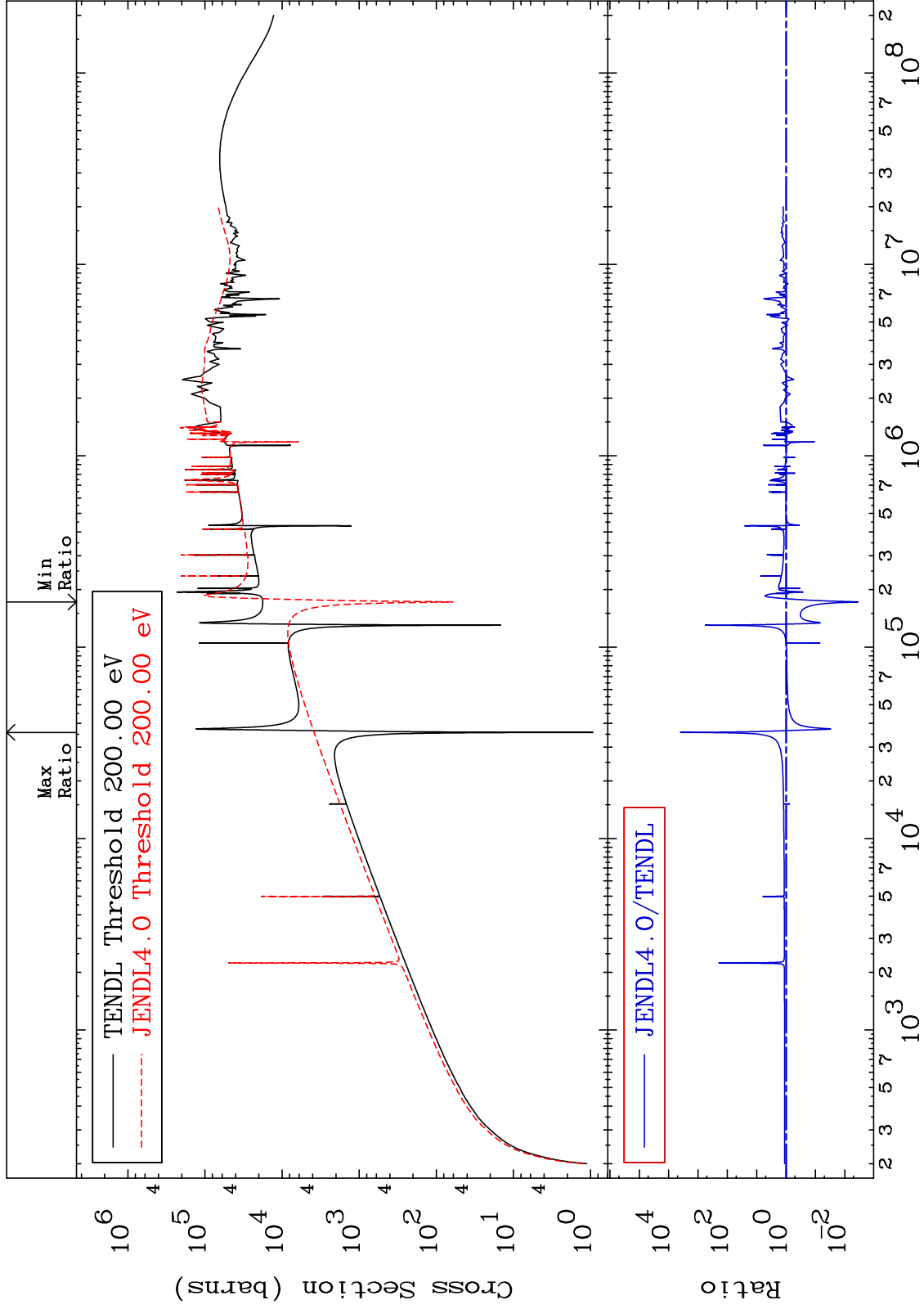
Incident Energy (eV)

14-Si-30

MAT 1431

Dpa elastic (mt2)
Cross Section

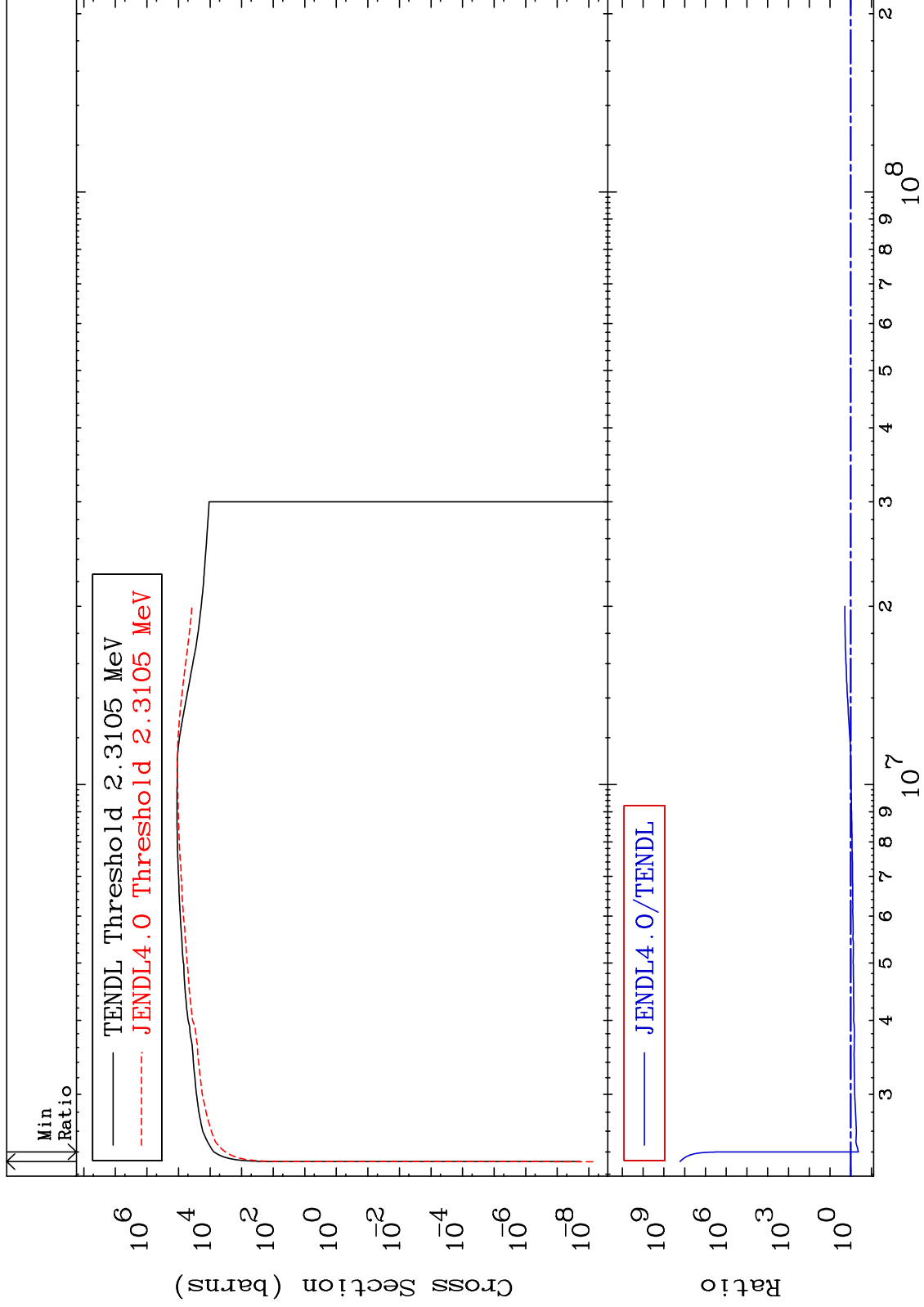
14-Si-30
-99.66 To 9999. %



MAT 1431

Dpa inelastic (mt51-91)
Cross Section

14-Si-30
-57.22 To 9999. %



MAT 1431

Dpa disappearance (mt102 -120)
Cross Section

14-Si-30
-100.0 To 9999. %

