

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

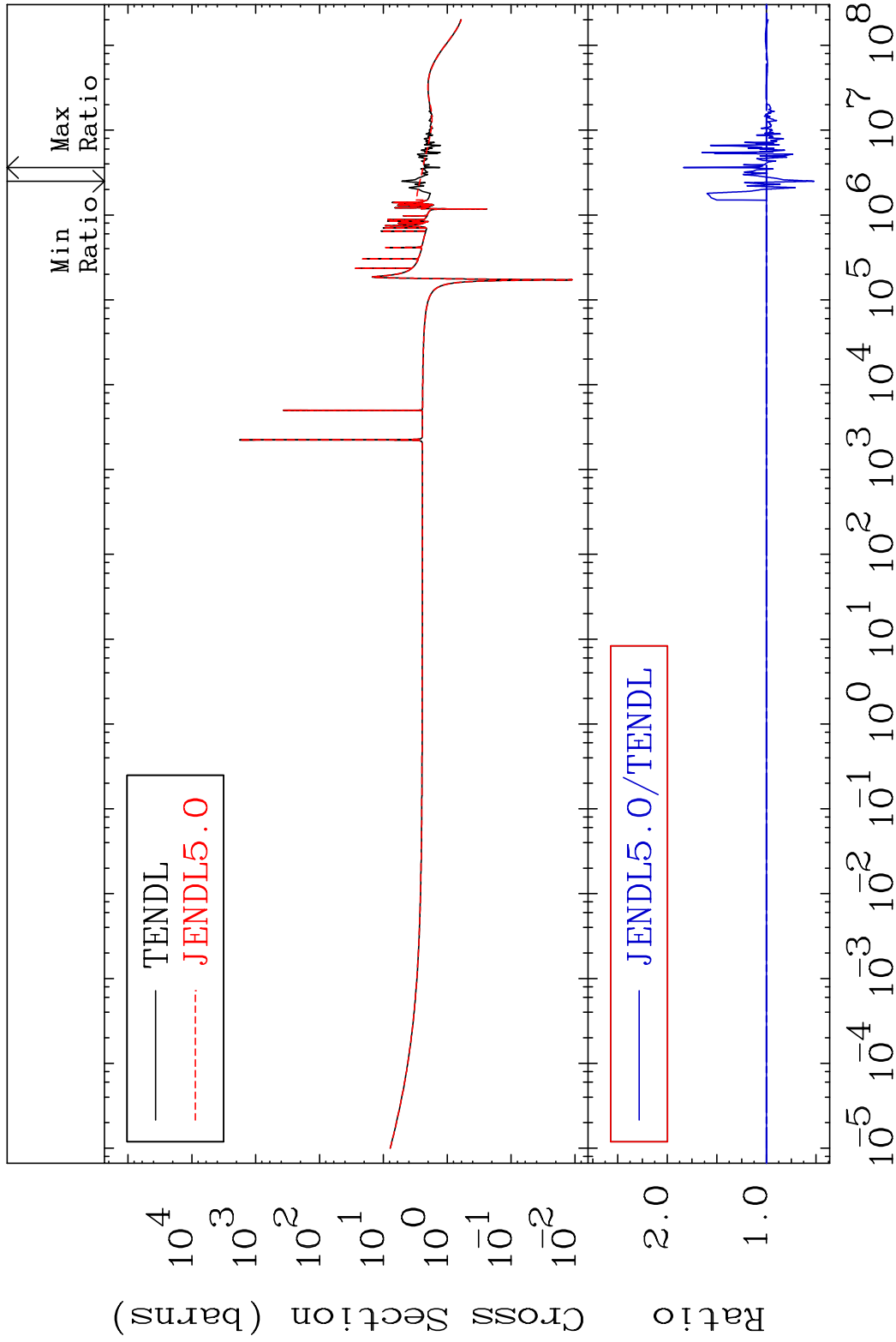
MAT 1431

Total

14-Si-30

Cross Section

-47.80 To 83.64 %



1

Incident Energy (eV)

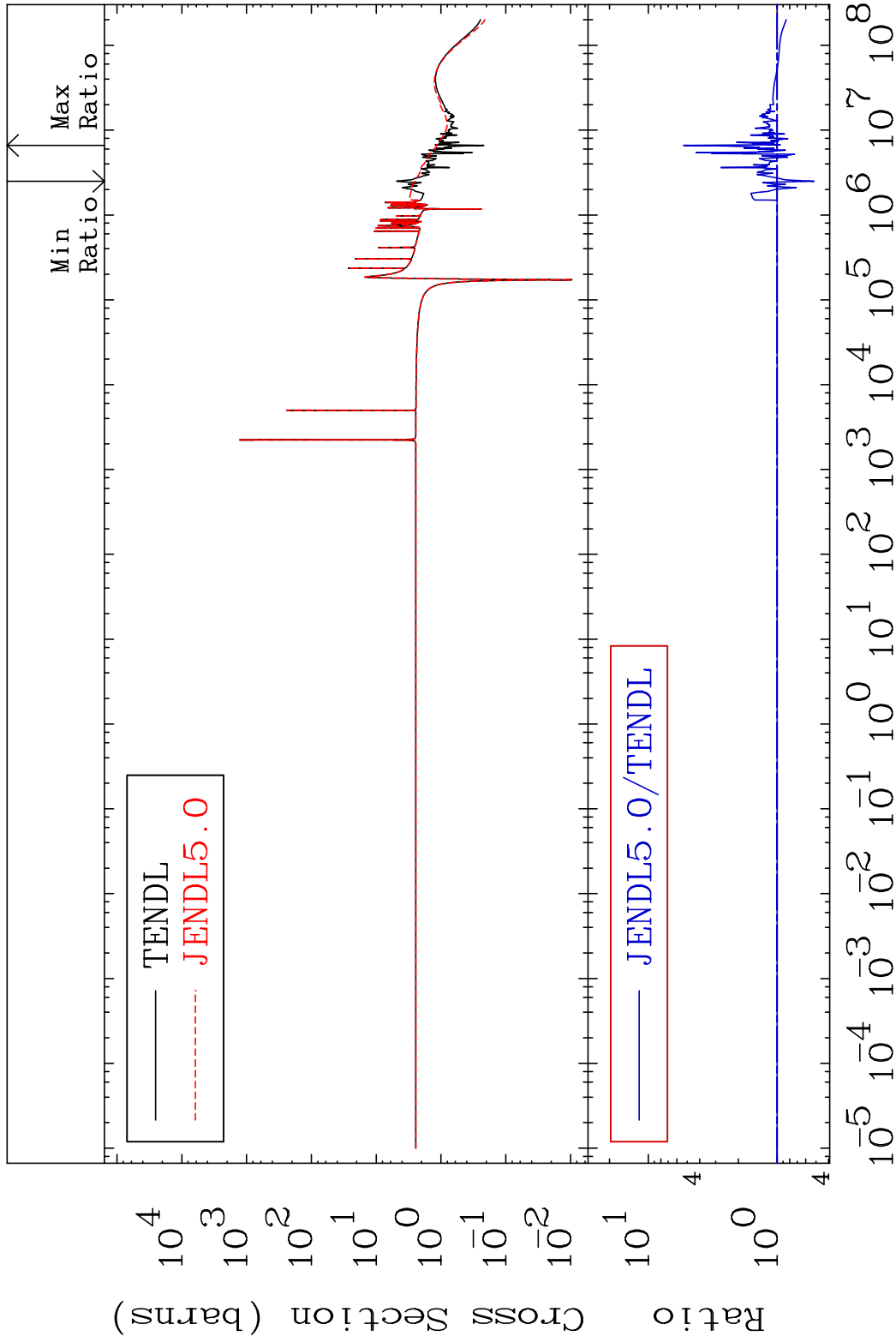
14-Si-30

MAT 1431

Elastic

14-Si-30

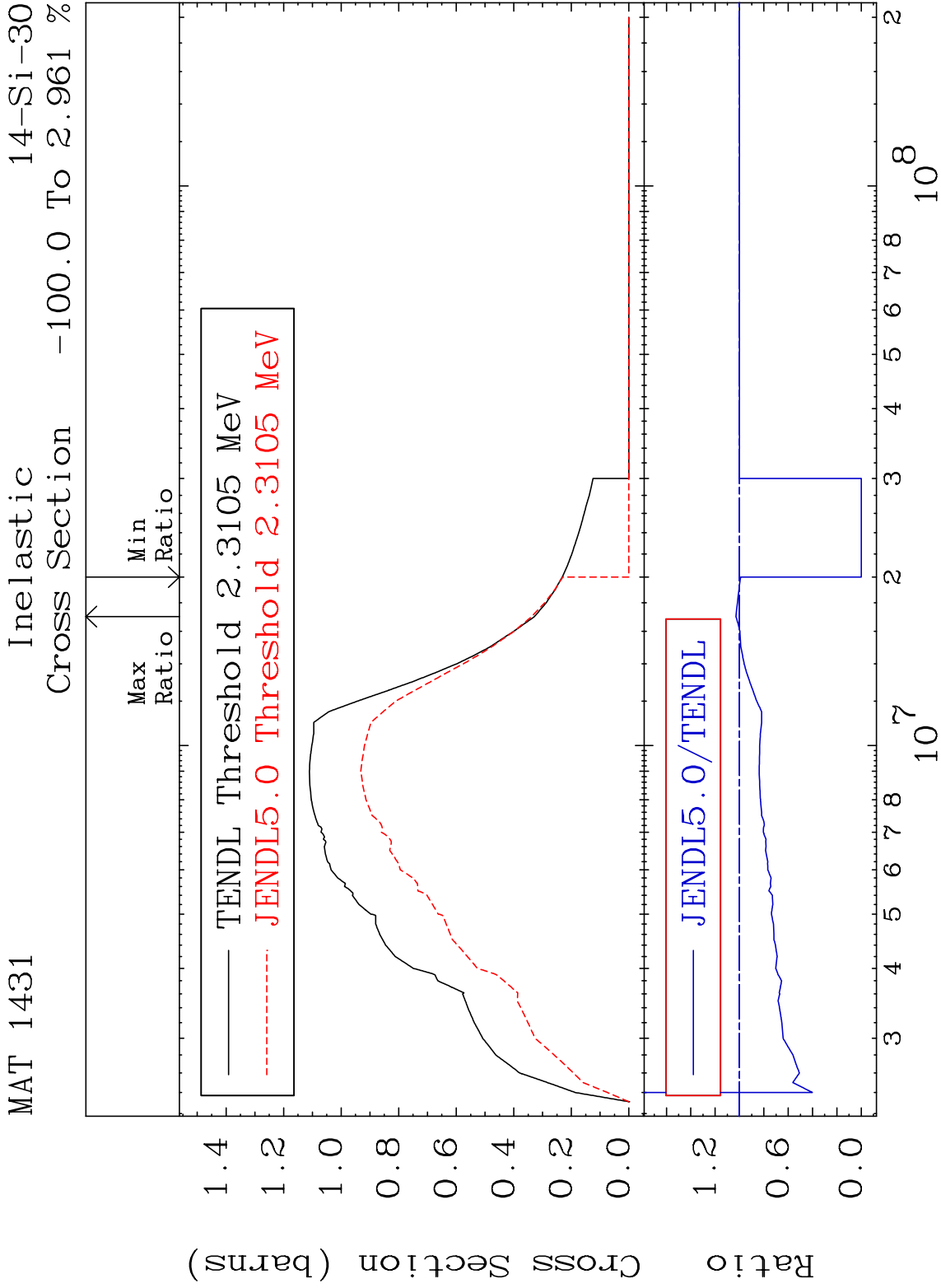
Cross Section -48.05 To 433.7 %

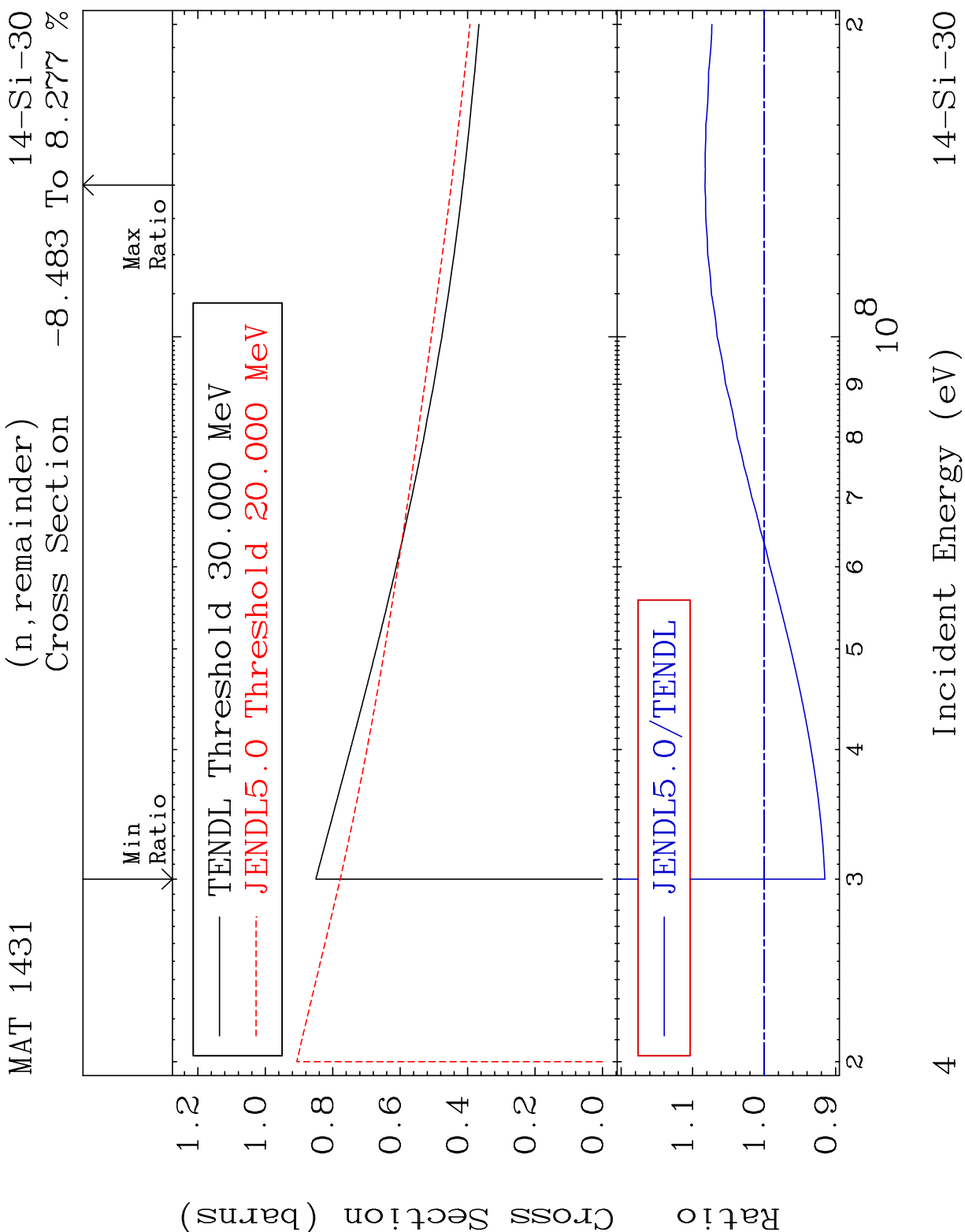


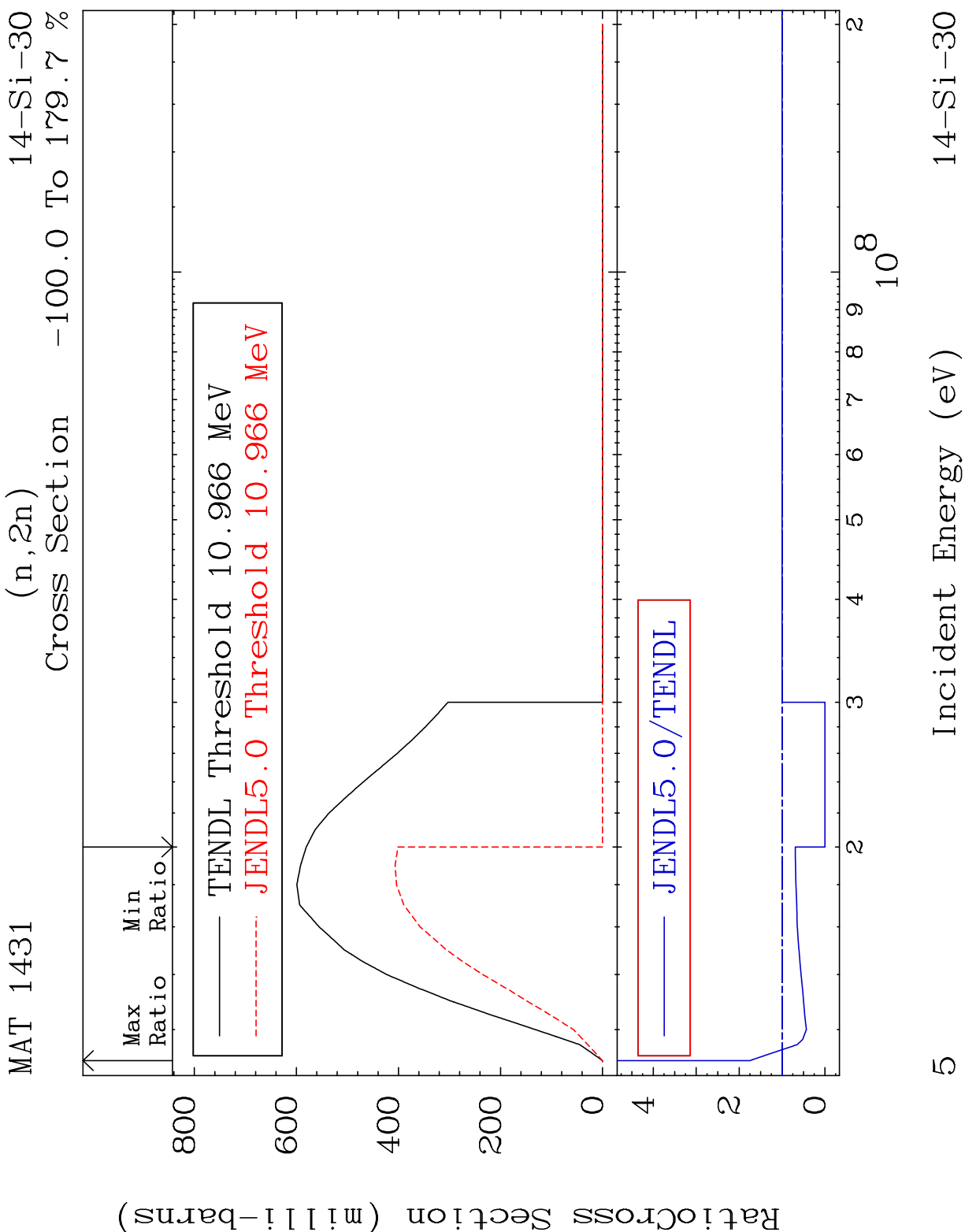
2

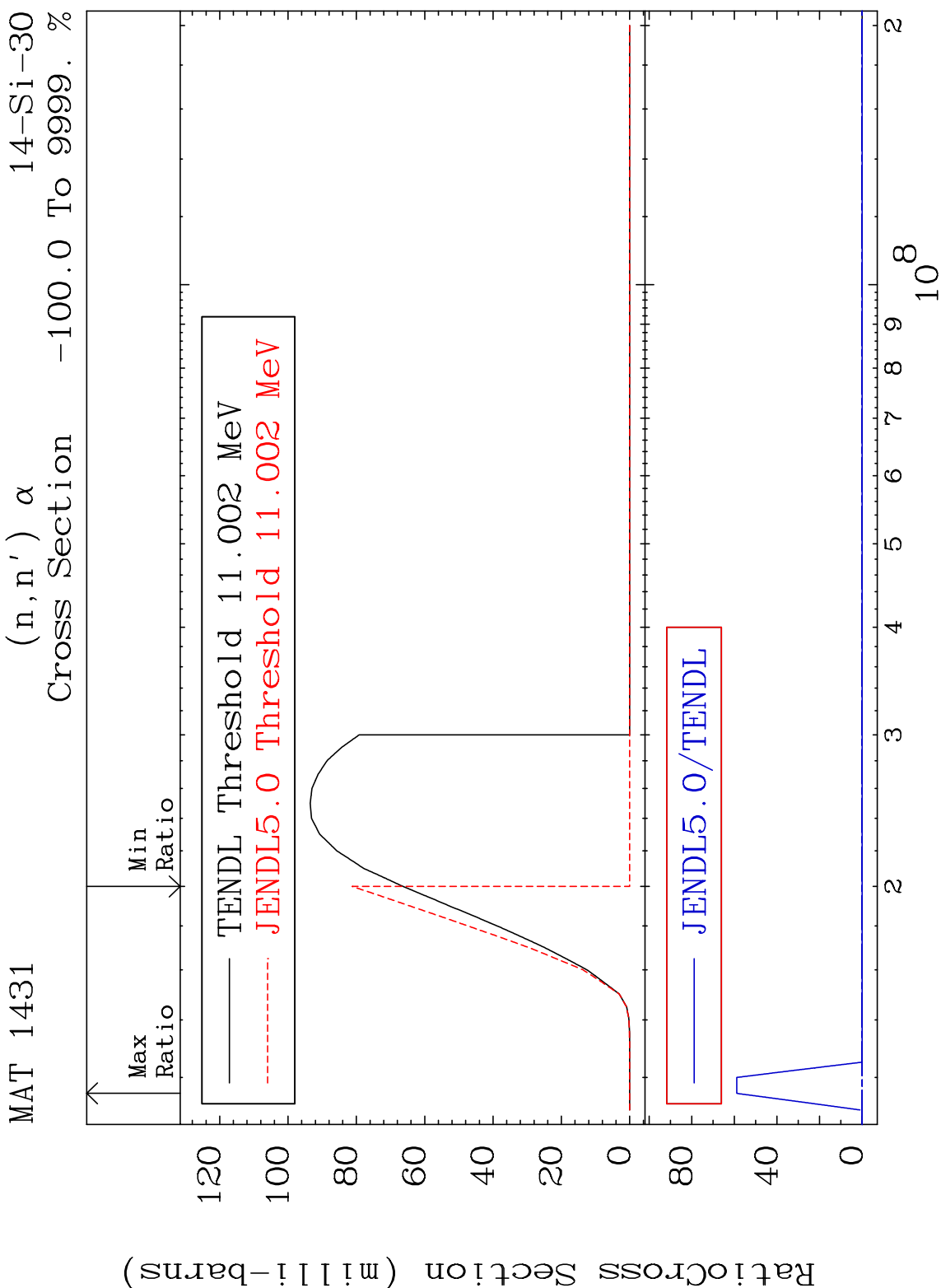
Incident Energy (eV)

14-Si-30

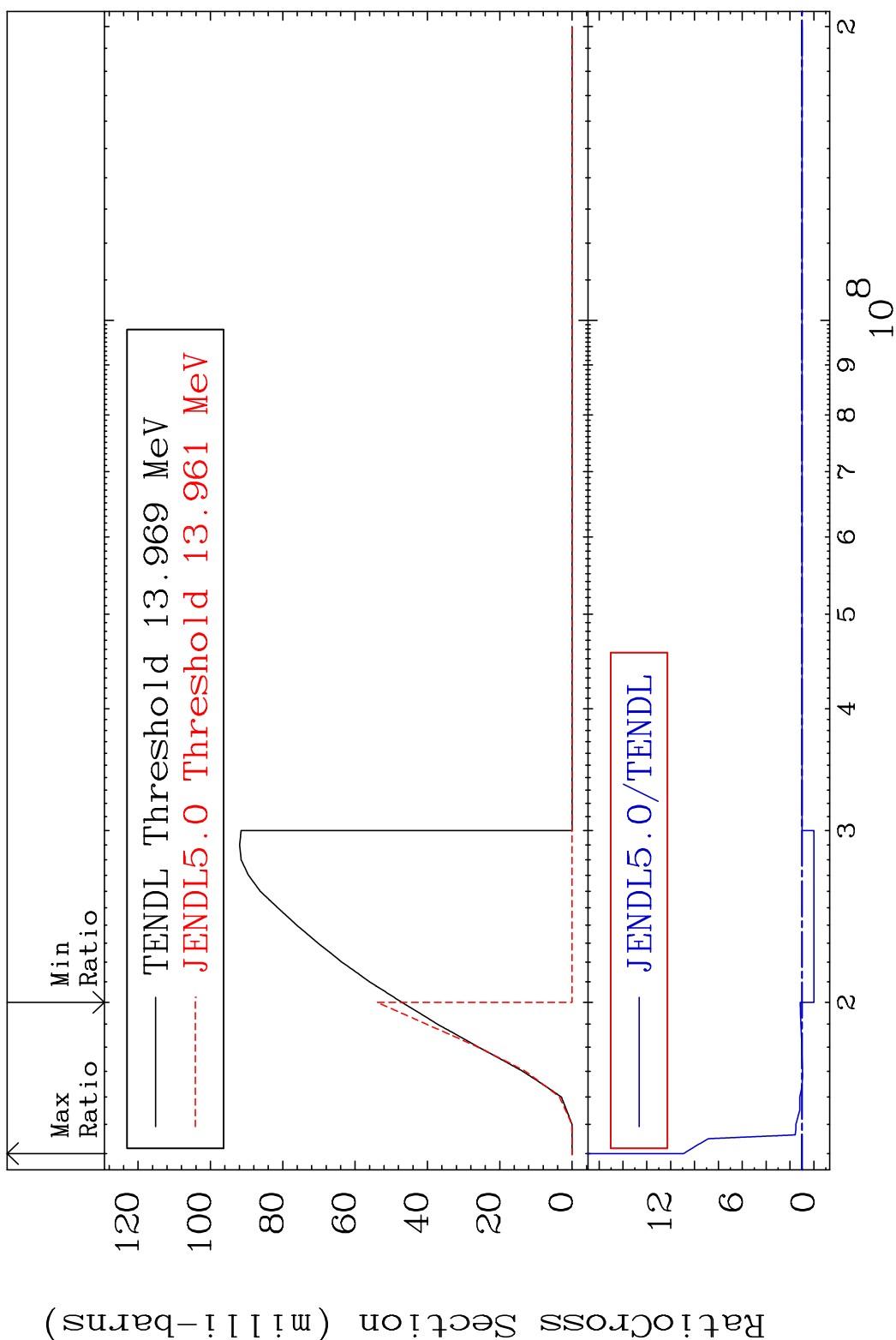




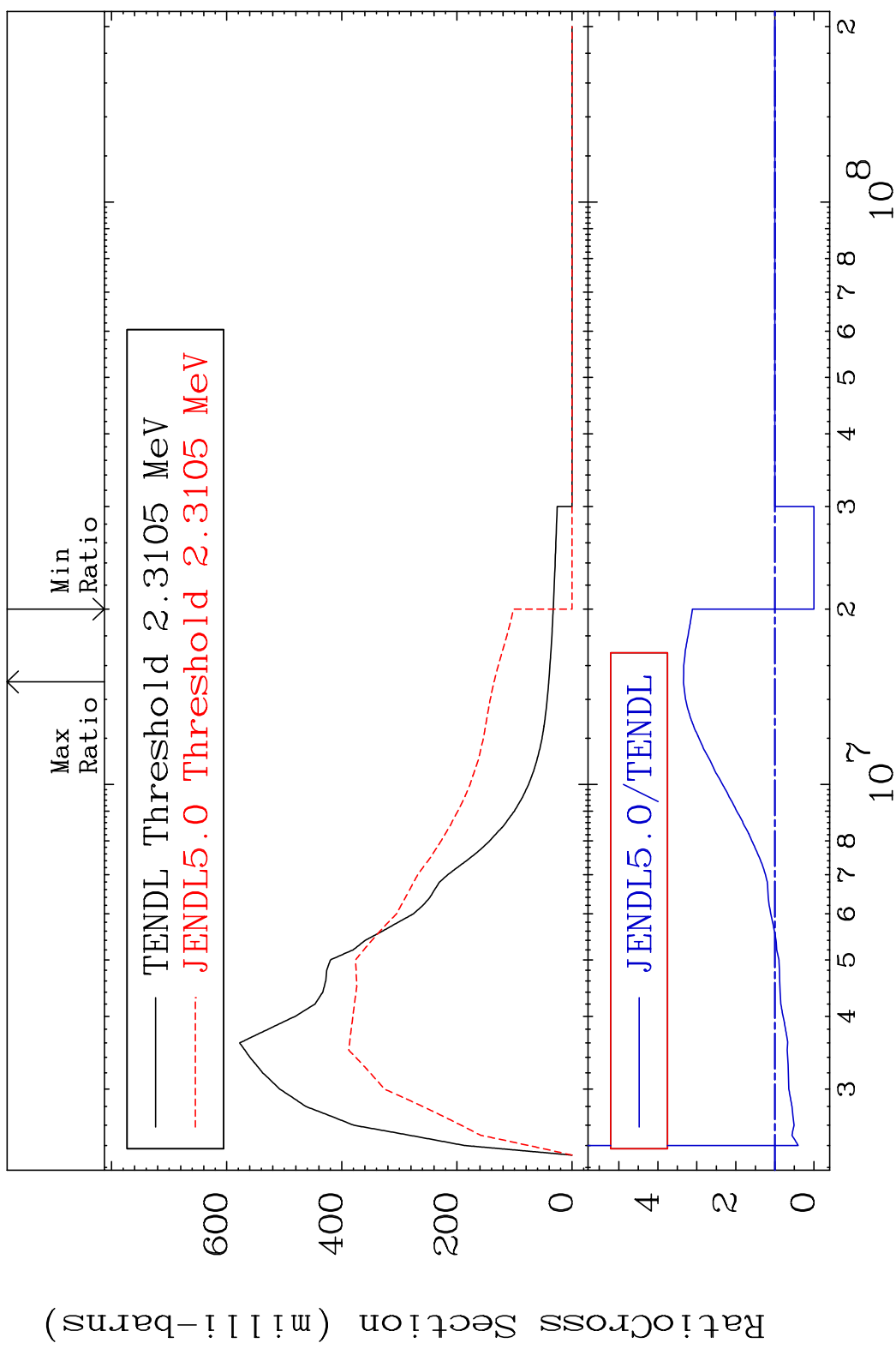




MAT 1431 (n, n') p 14-Si-30
 Cross Section -100.0 To 993.0 %

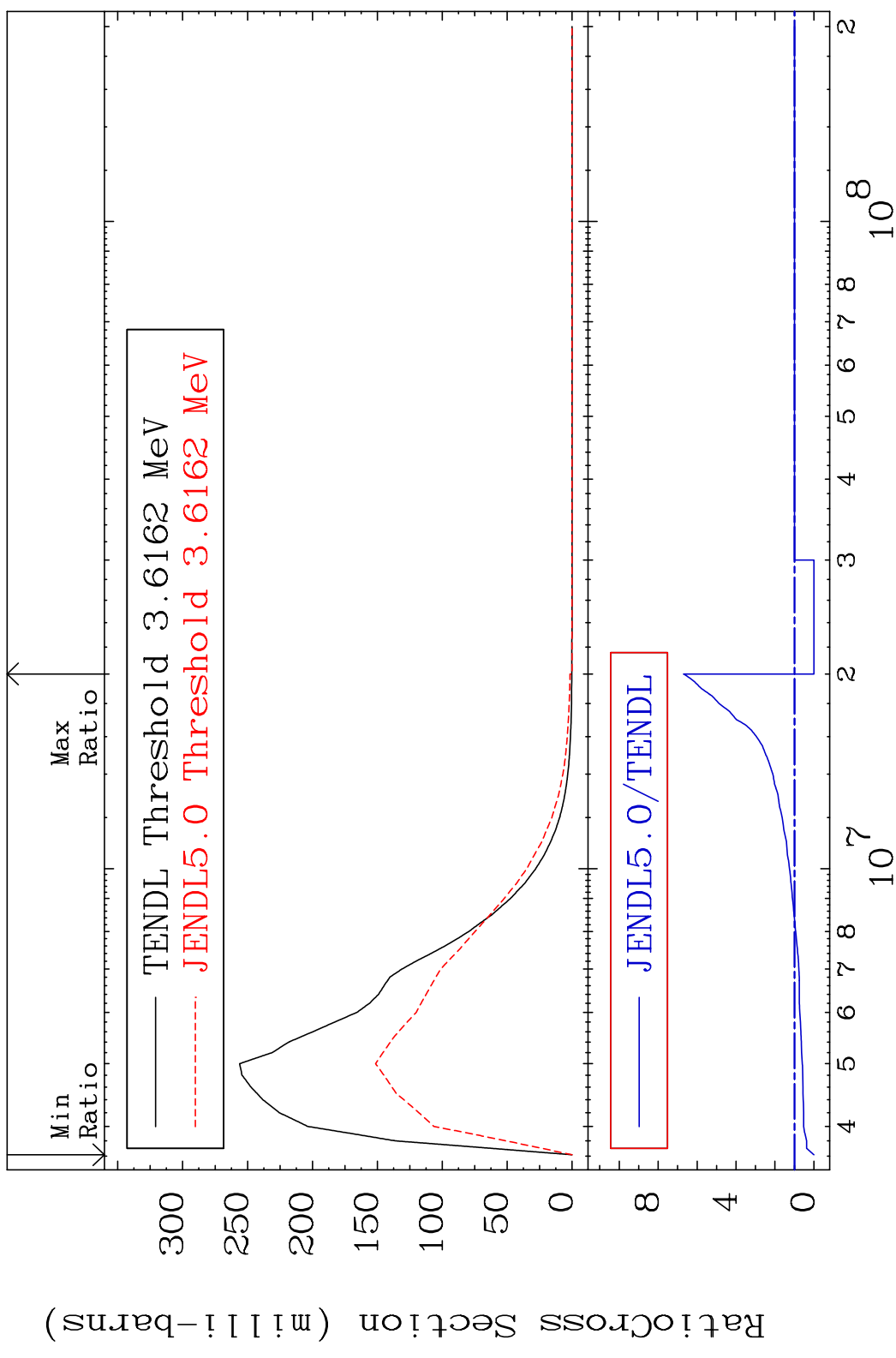


MAT 1431 MT= 51 (n, n') Level 14-Si-30
 Cross Section -100.0 To 234.3 %



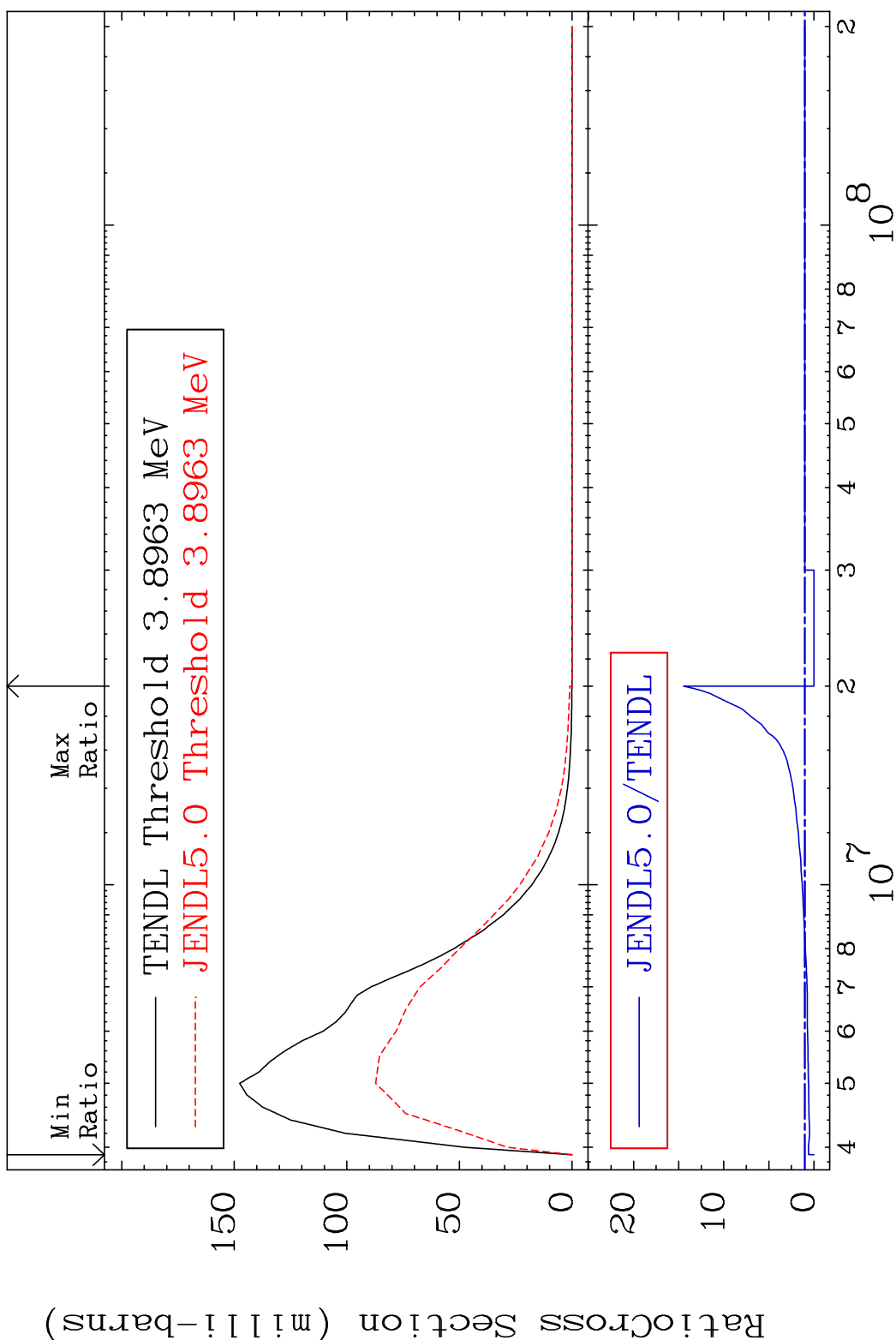
9 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 52 (n, n') Level 14-Si-30
 Cross Section -100.0 To 570.0 %



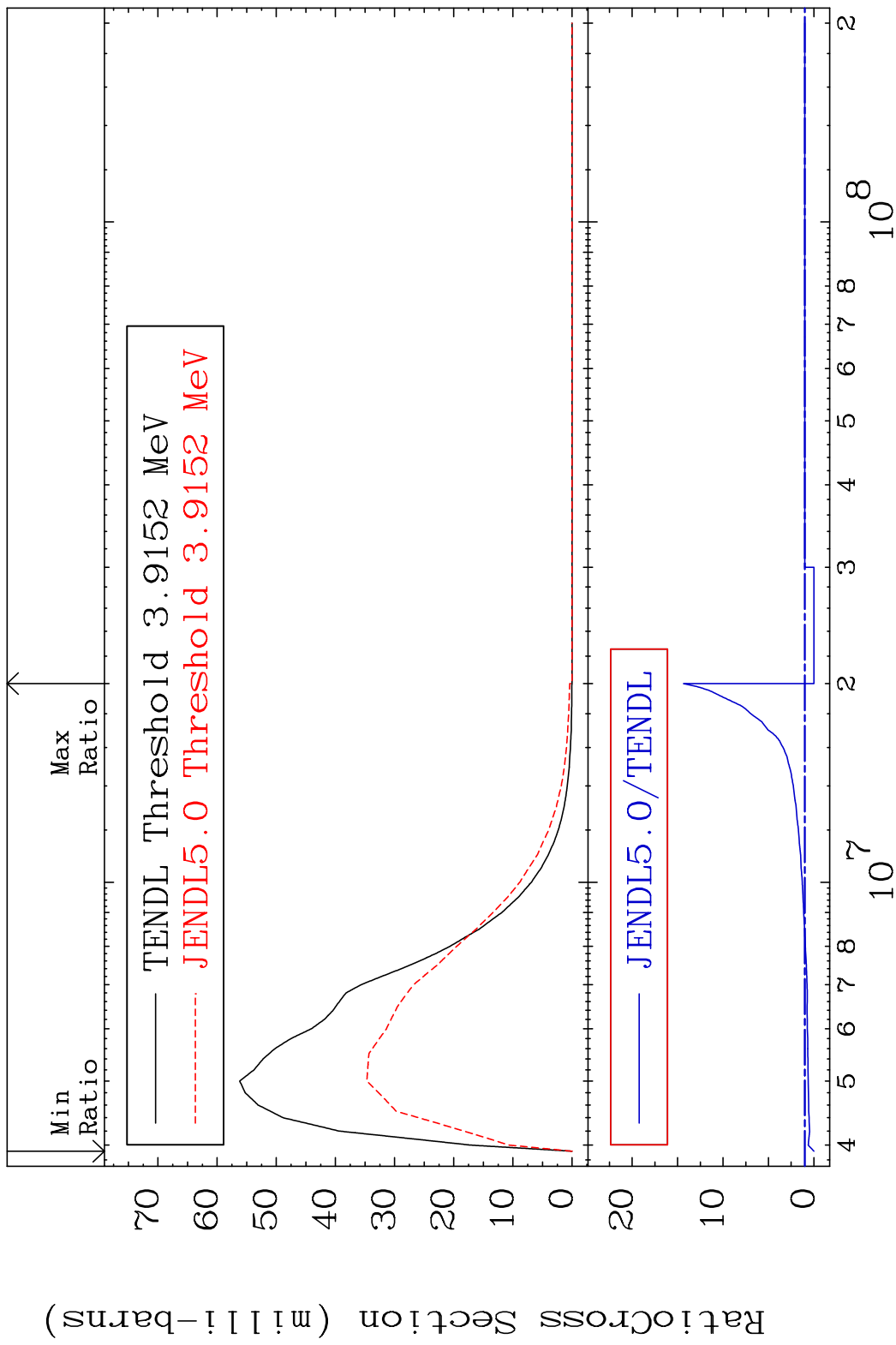
10 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 53 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1347. %



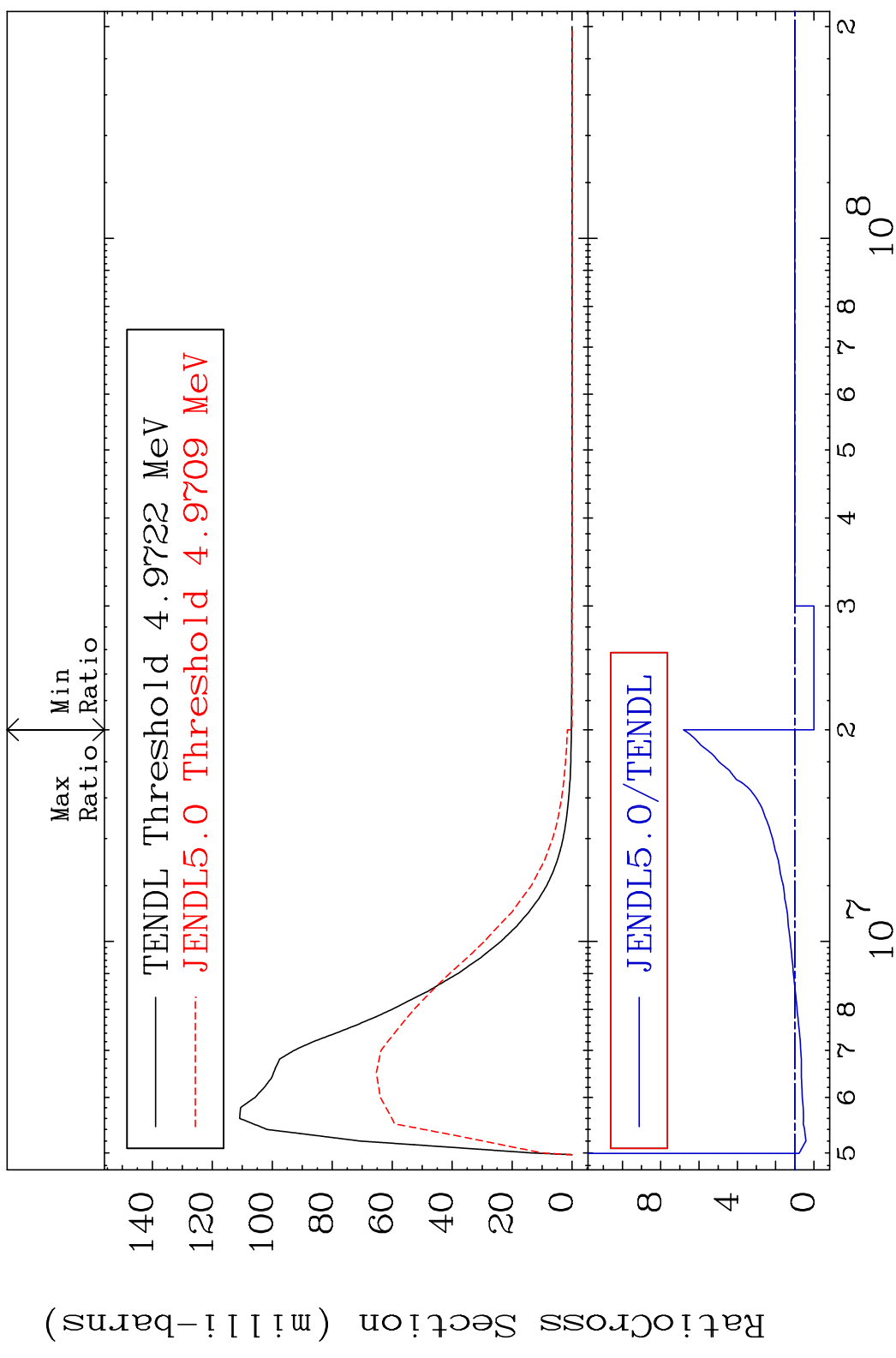
11 14-Si-30

MAT 1431 MT= 54 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1336. %



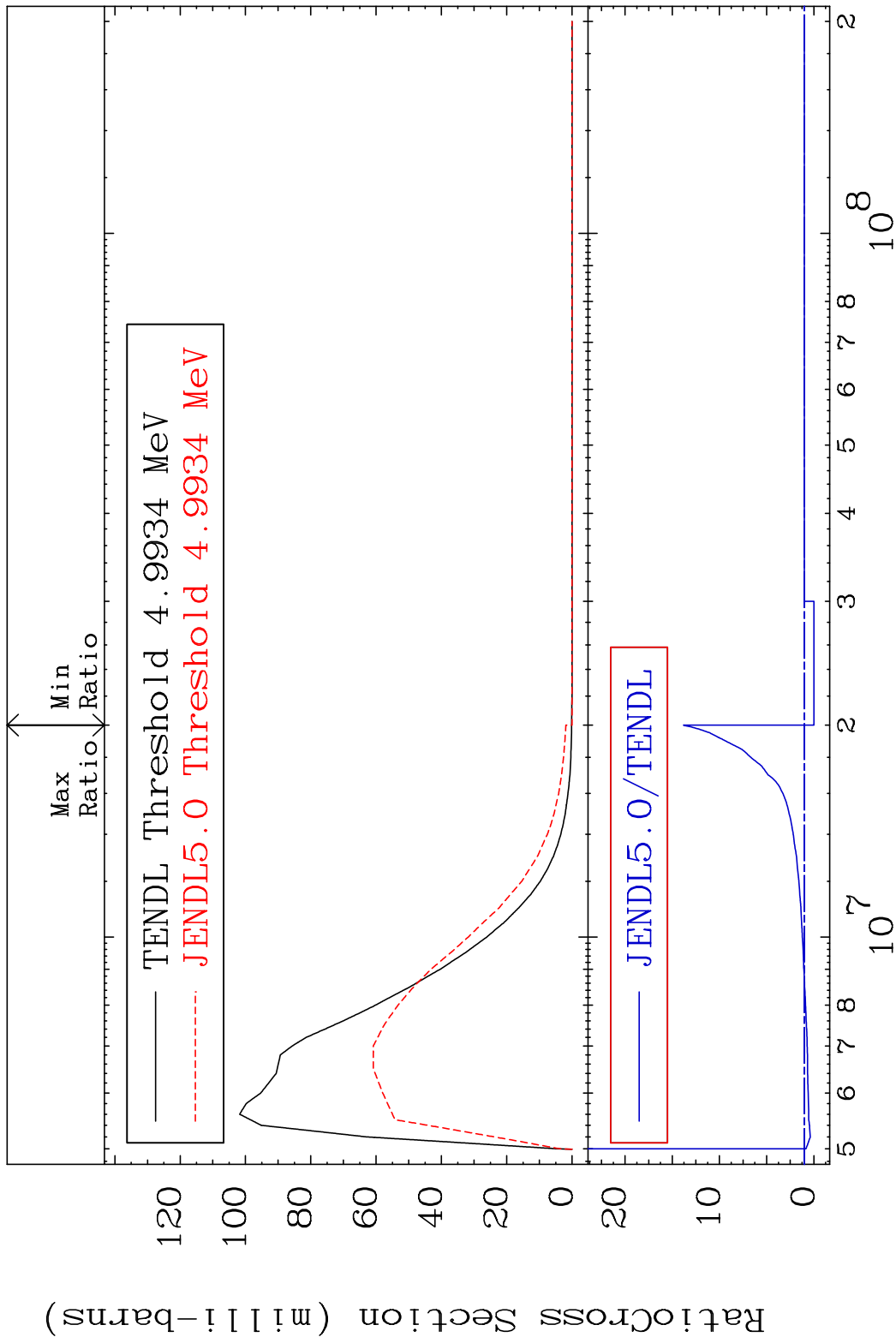
12 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 55 (n, n') Level 14-Si-30
 Cross Section -100.0 To 581.2 %



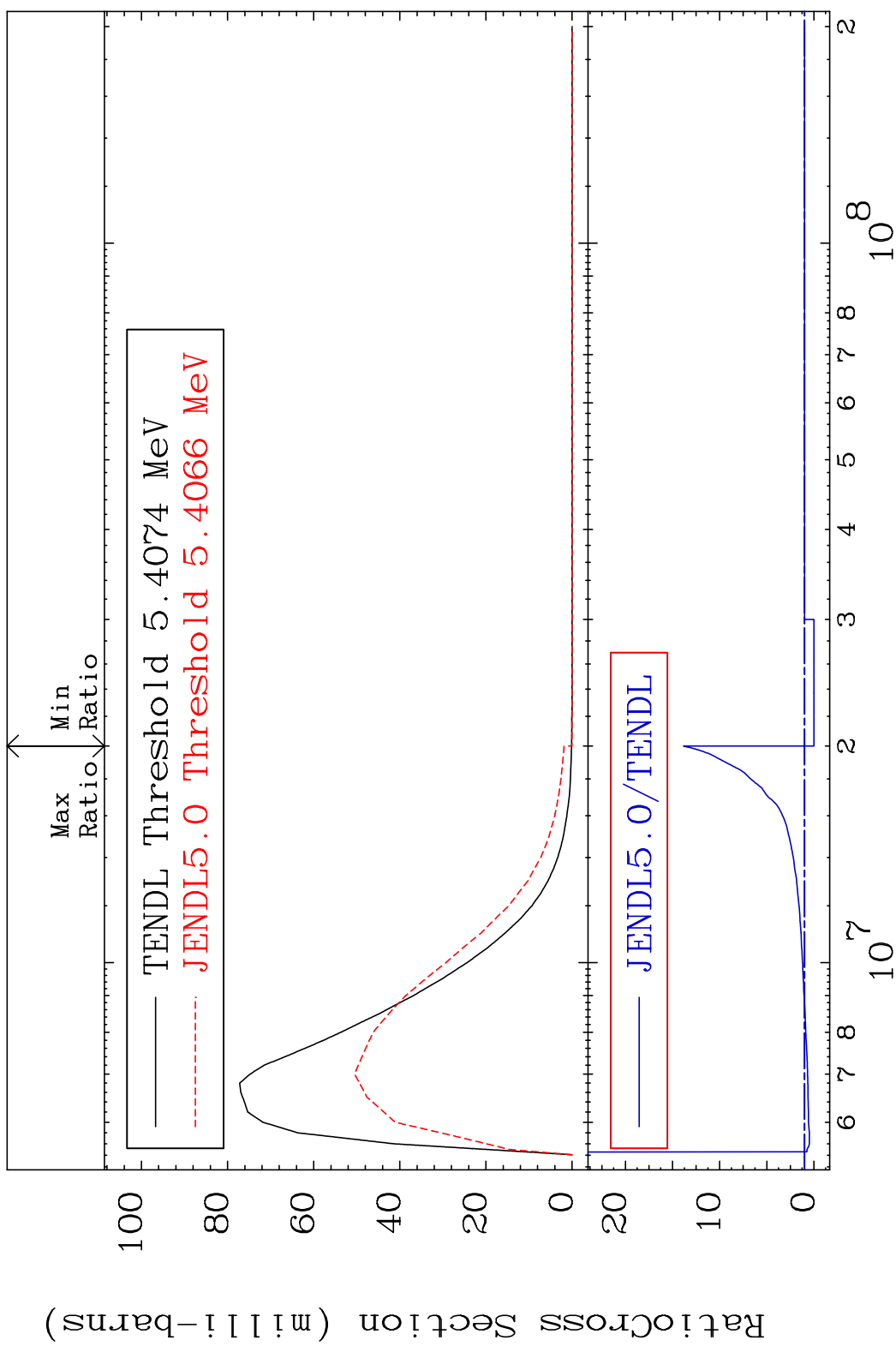
13 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 56 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1281. %



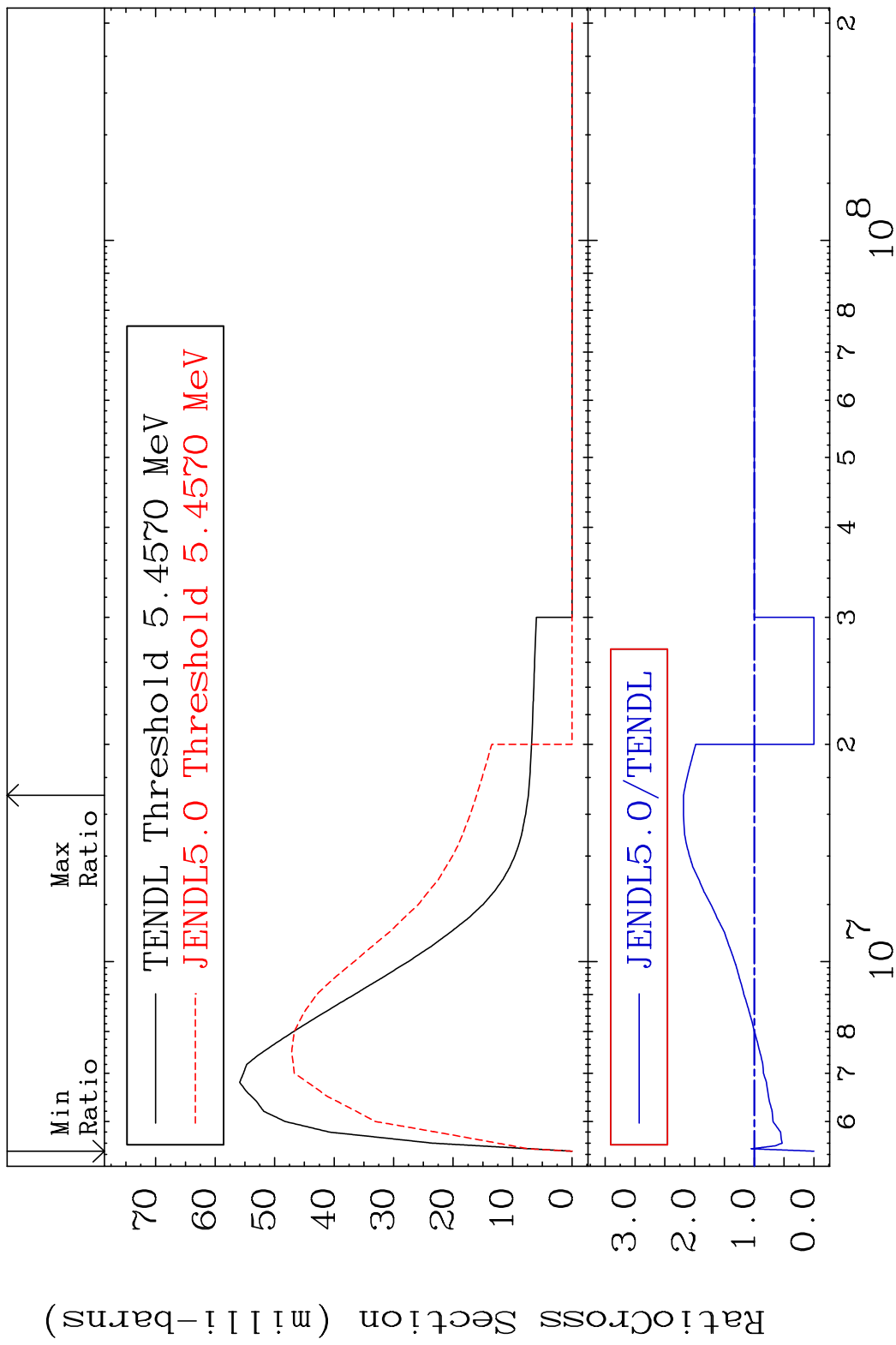
14 14-Si-30

MAT 1431 MT= 57 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1284. %



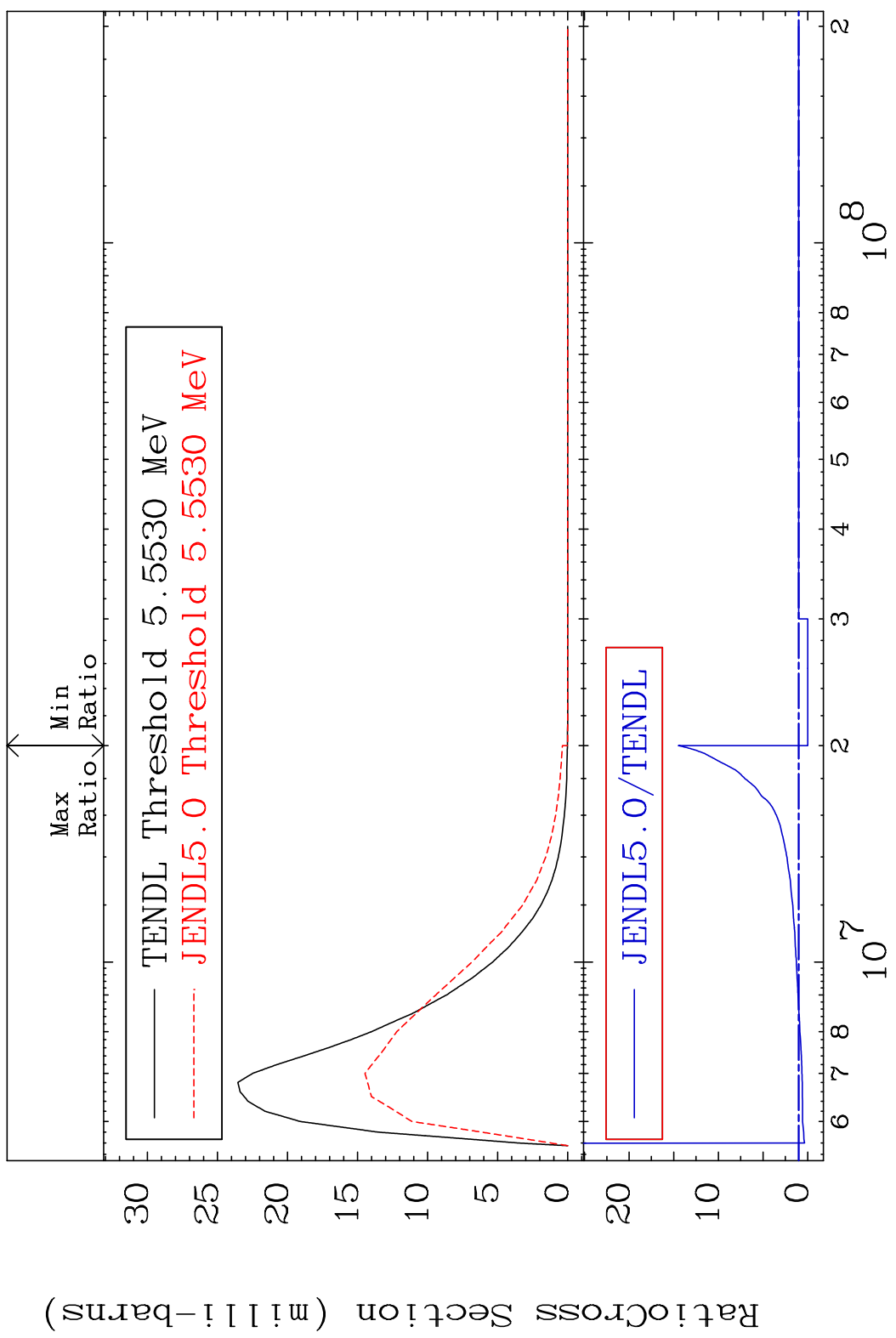
15 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 58 (n, n') Level 14-Si-30
 Cross Section -100.0 To 118.8 %



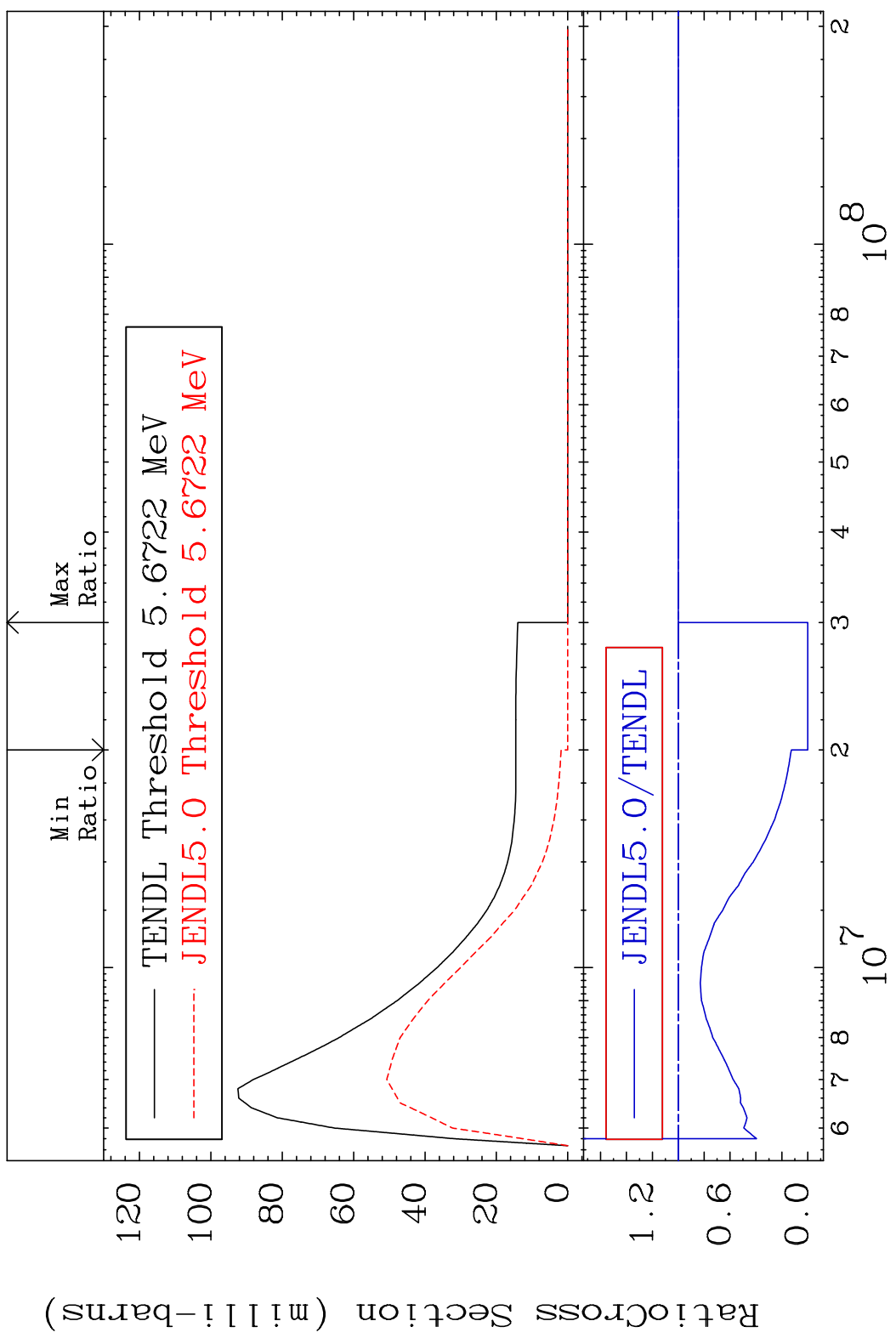
16 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 59 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1349. %



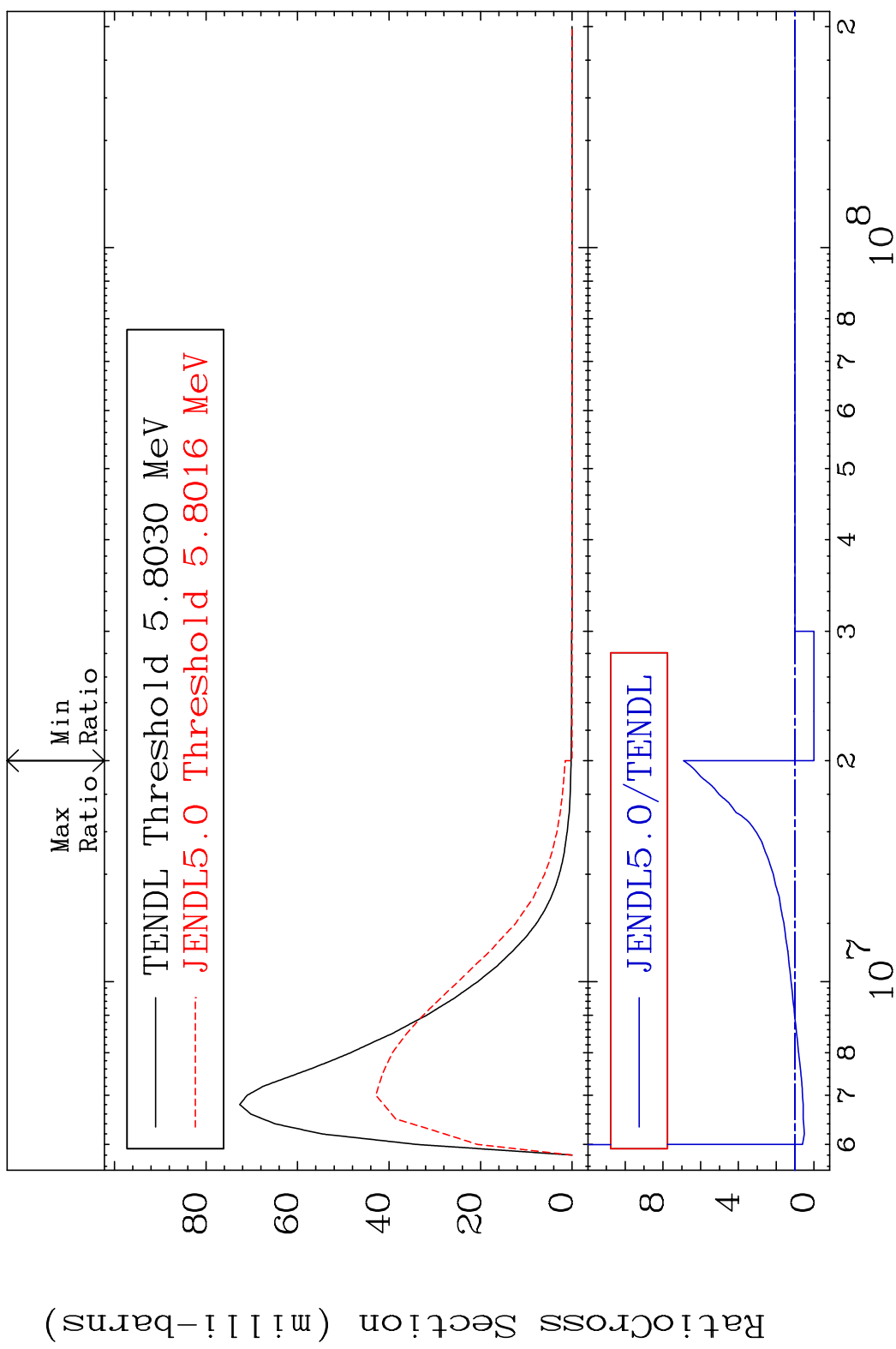
17 14-Si-30

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



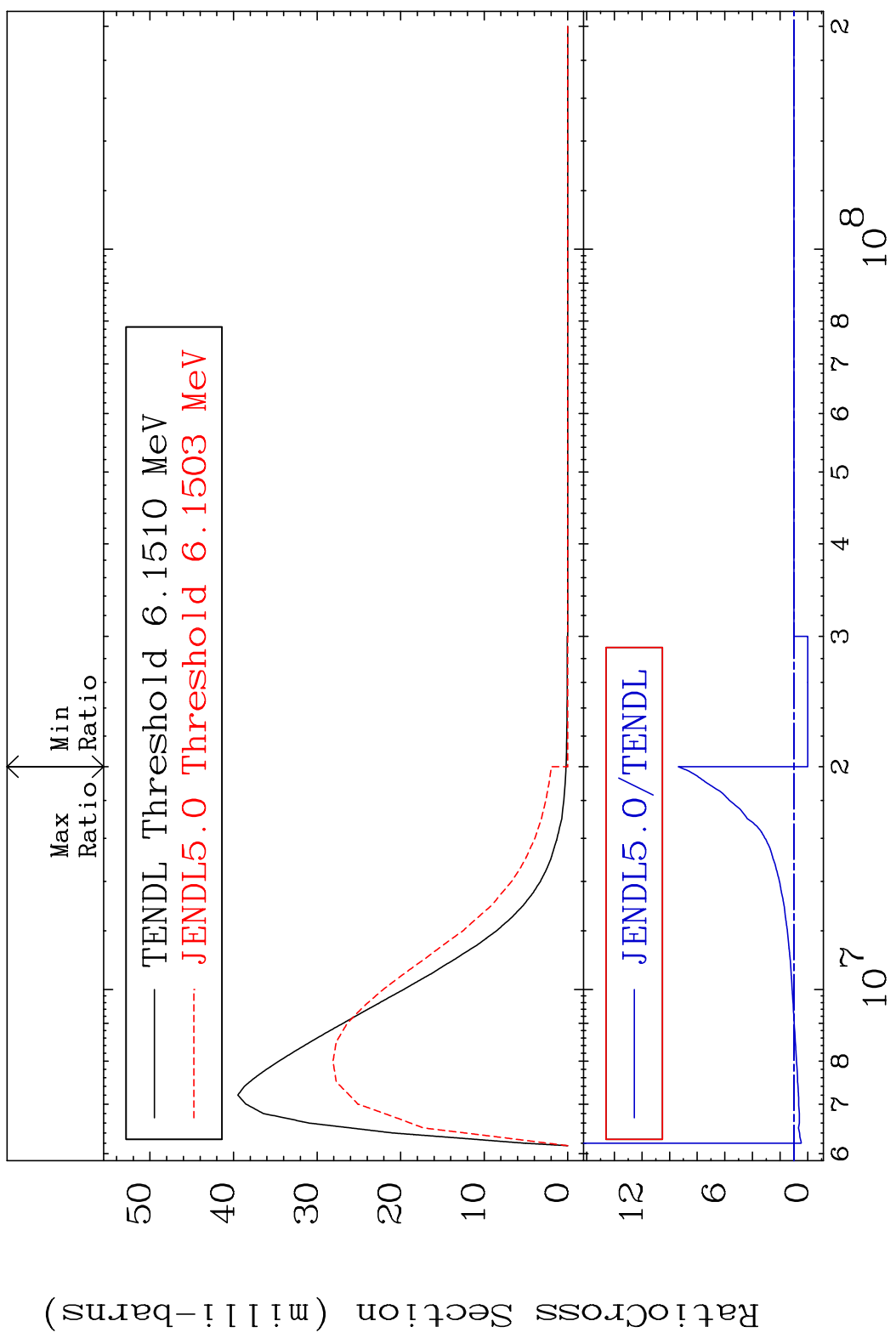
18 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 61 (n, n') Level 14-Si-30
 Cross Section -100.0 To 591.2 %



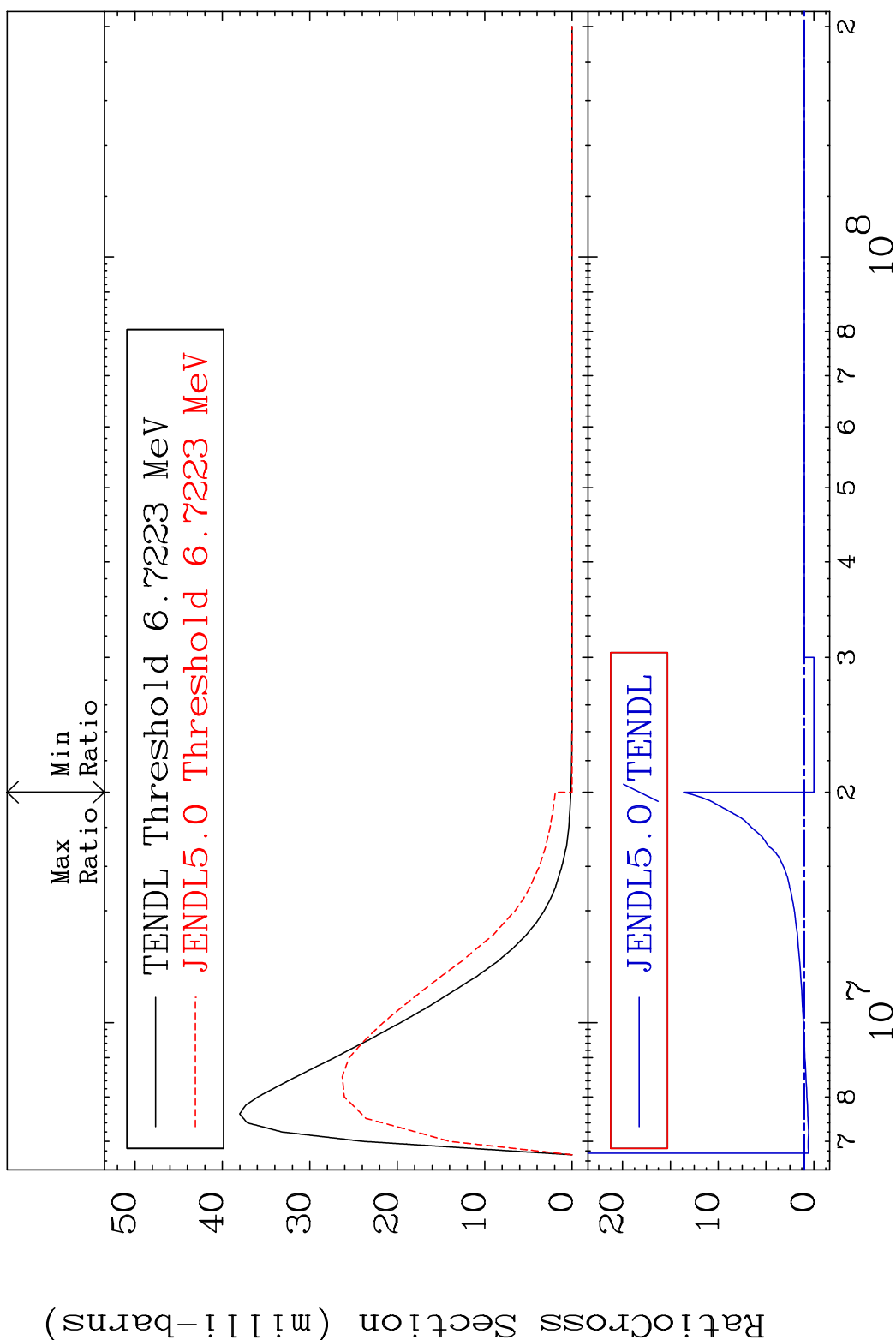
19 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 62 (n, n') Level 14-Si-30
 Cross Section -100.0 To 837.2 %



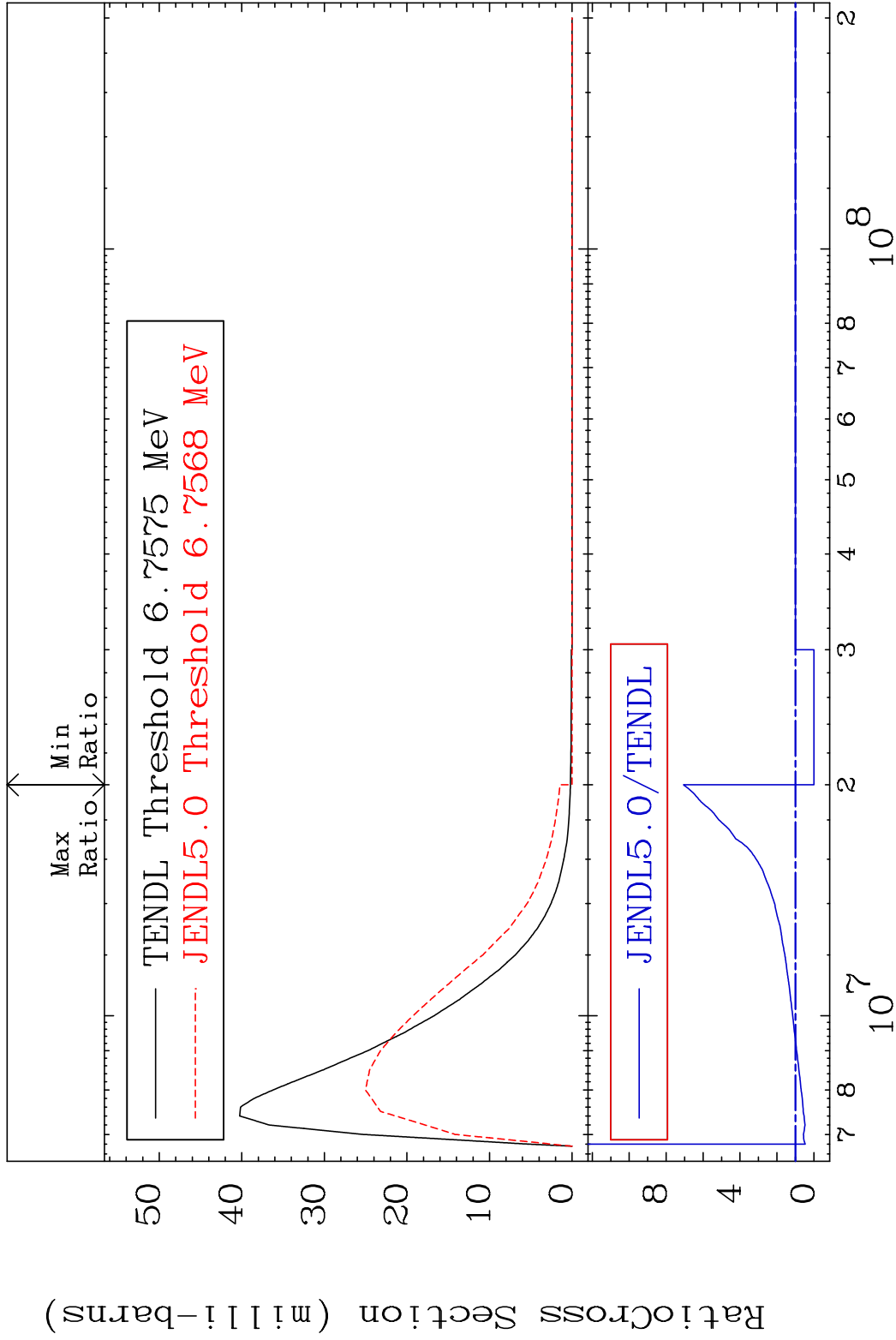
20 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 63 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1263. %



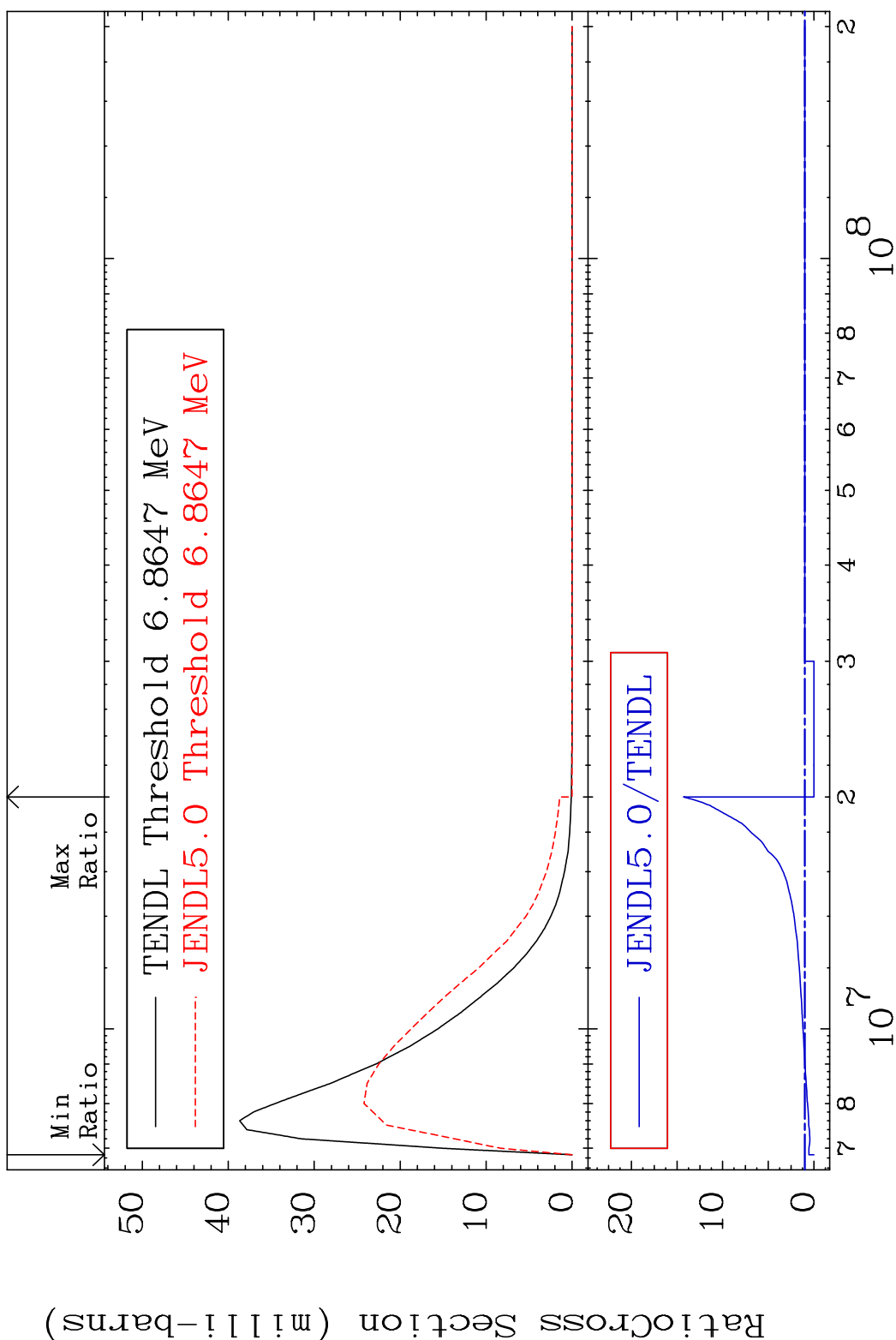
21 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 64 (n, n') Level 14-Si-30
 Cross Section -100.0 To 606.2 %



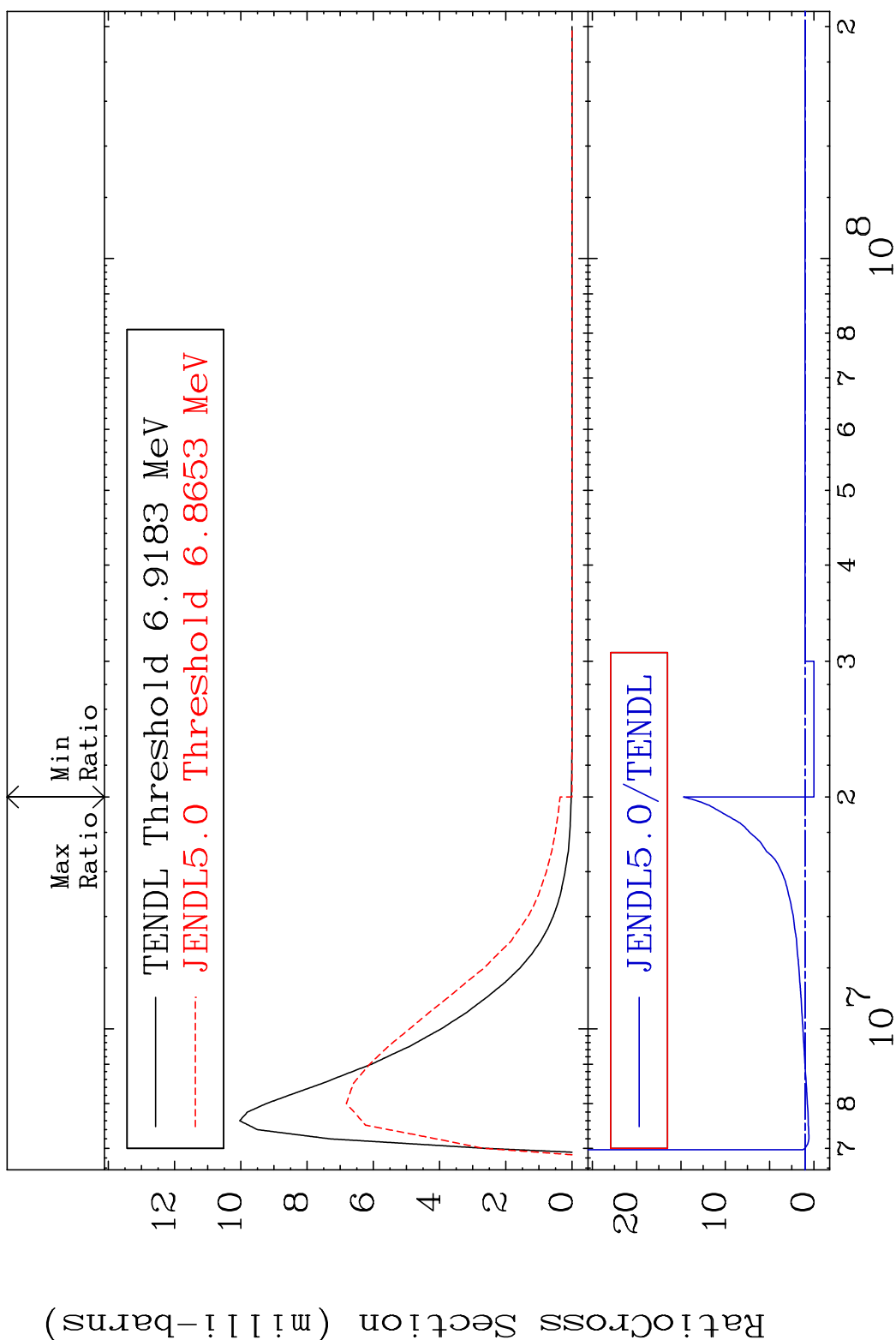
22 14-Si-30

MAT 1431 MT= 65 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1330. %



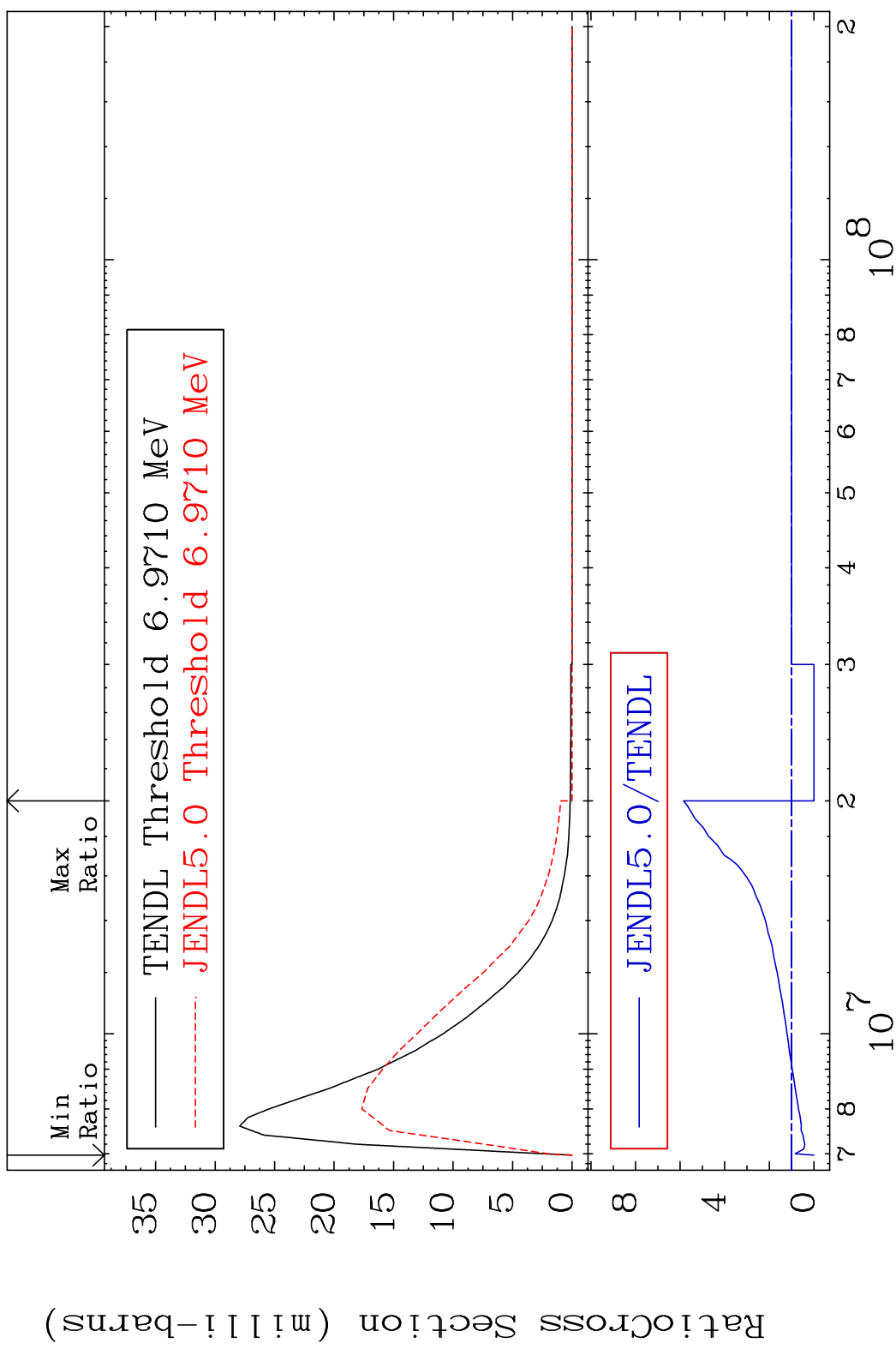
23 14-Si-30

MAT 1431 MT= 66 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1372. %



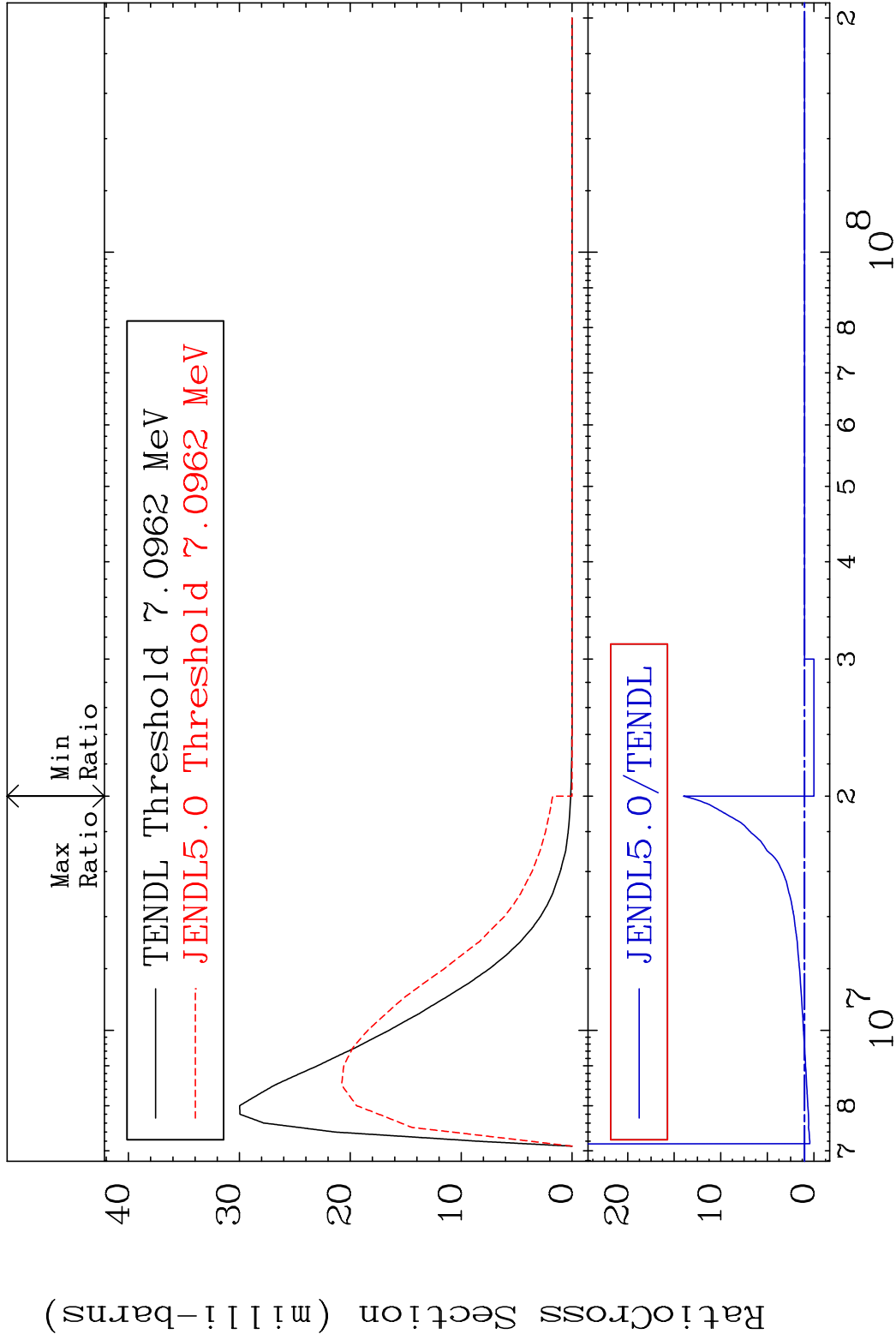
24 Incident Energy (eV) 14-Si-30

MAT 1431 MT= 67 (n, n') Level 14-Si-30
 Cross Section -100.0 To 485.1 %



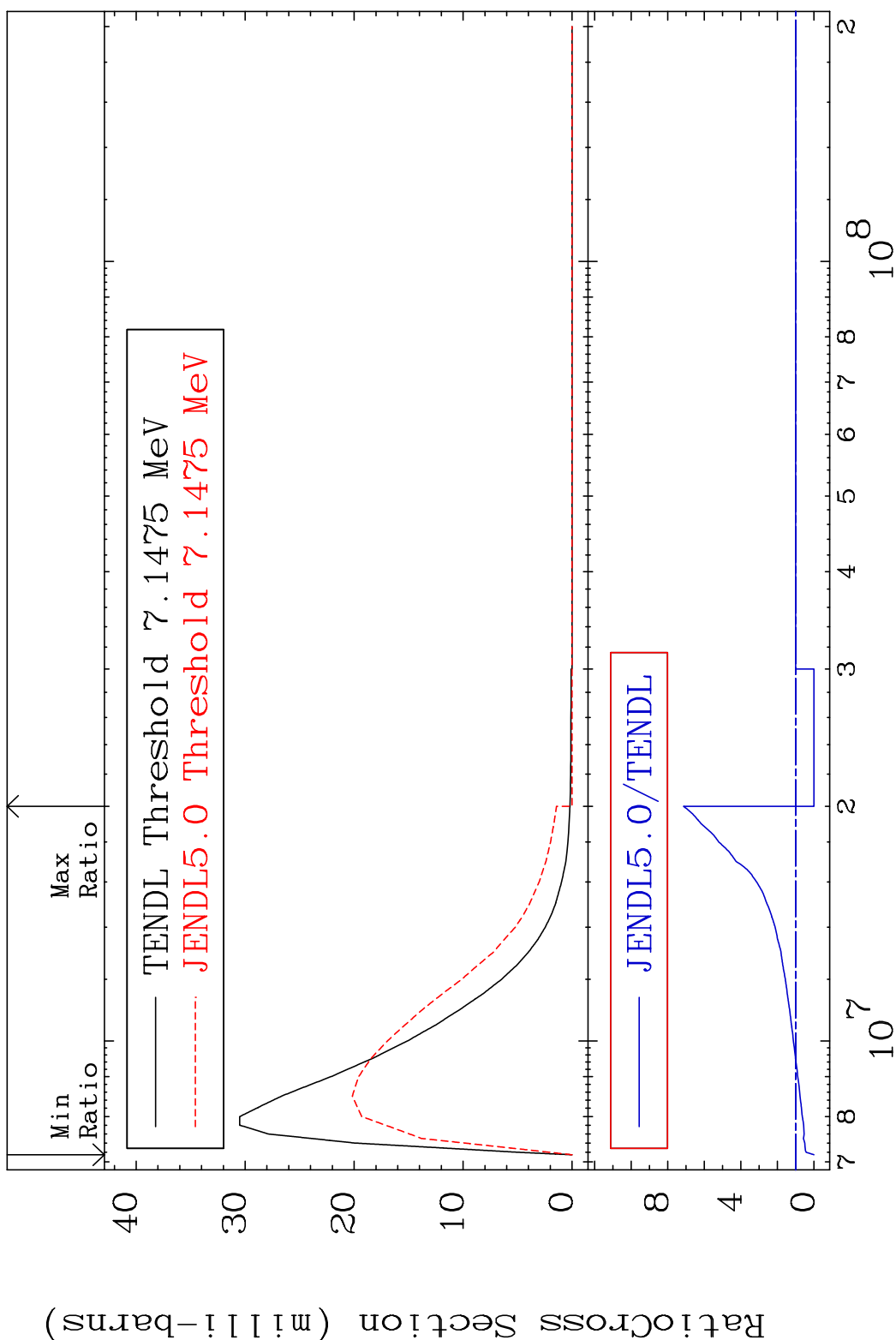
25 Incident Energy (eV) 14-Si-30

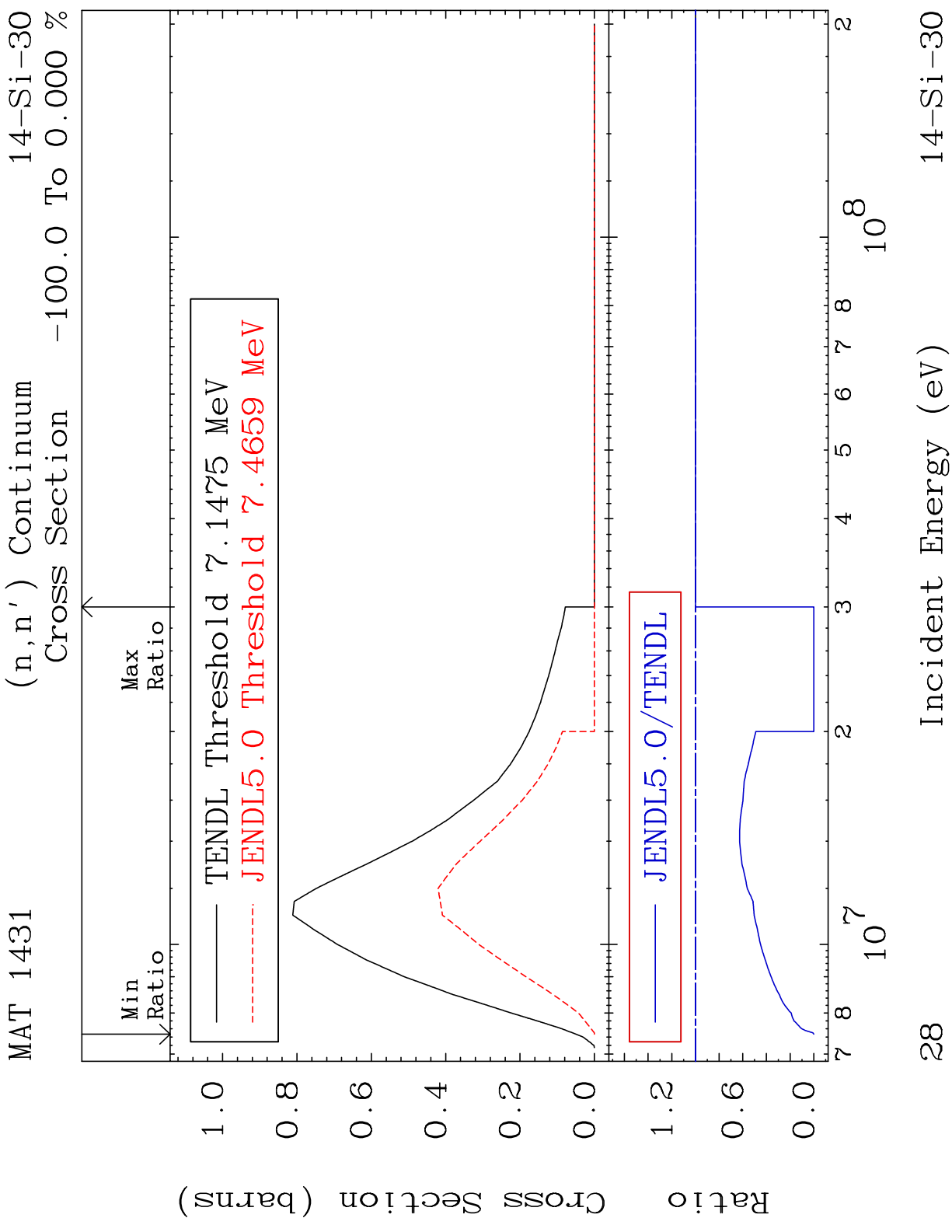
MAT 1431 MT= 68 (n, n') Level 14-Si-30
 Cross Section -100.0 To 1301. %

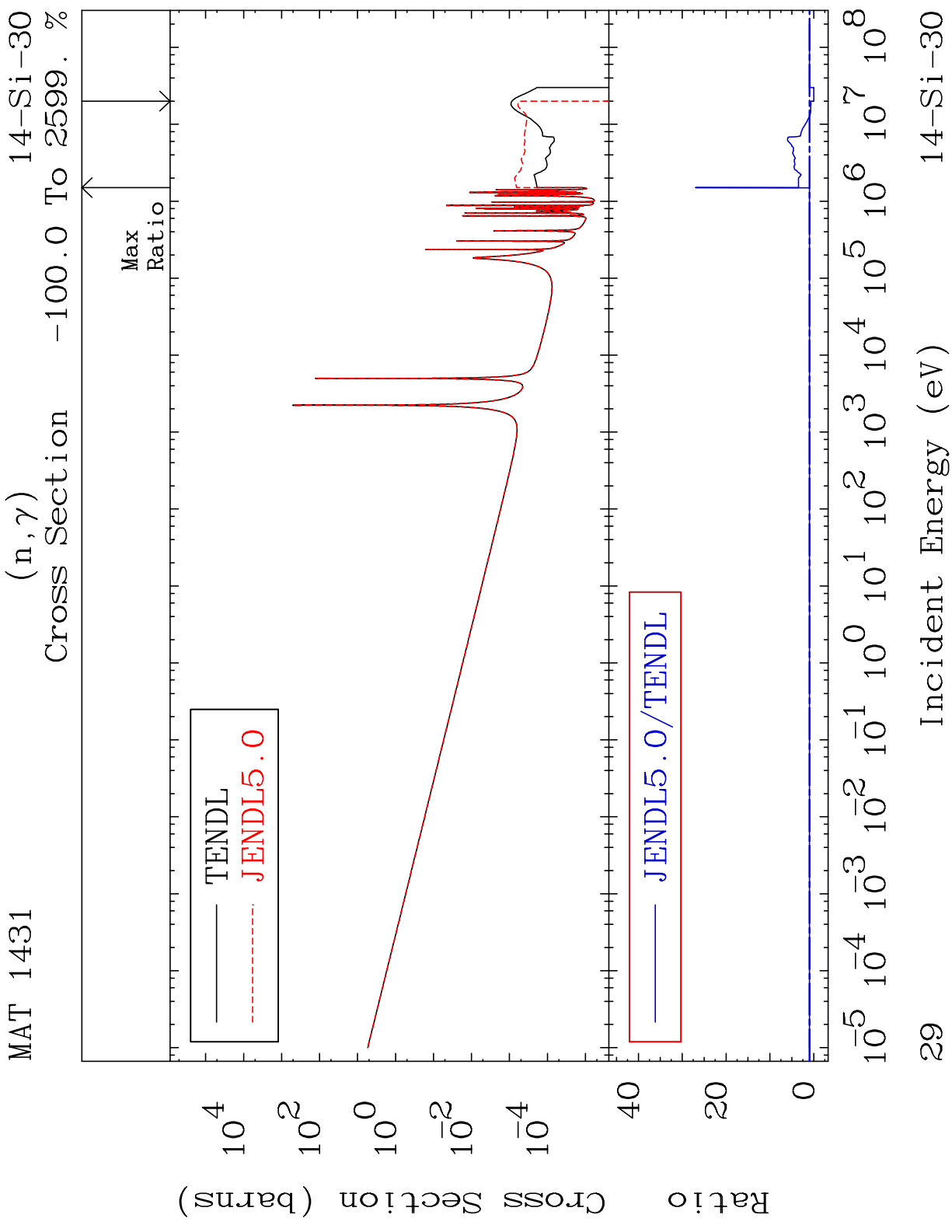


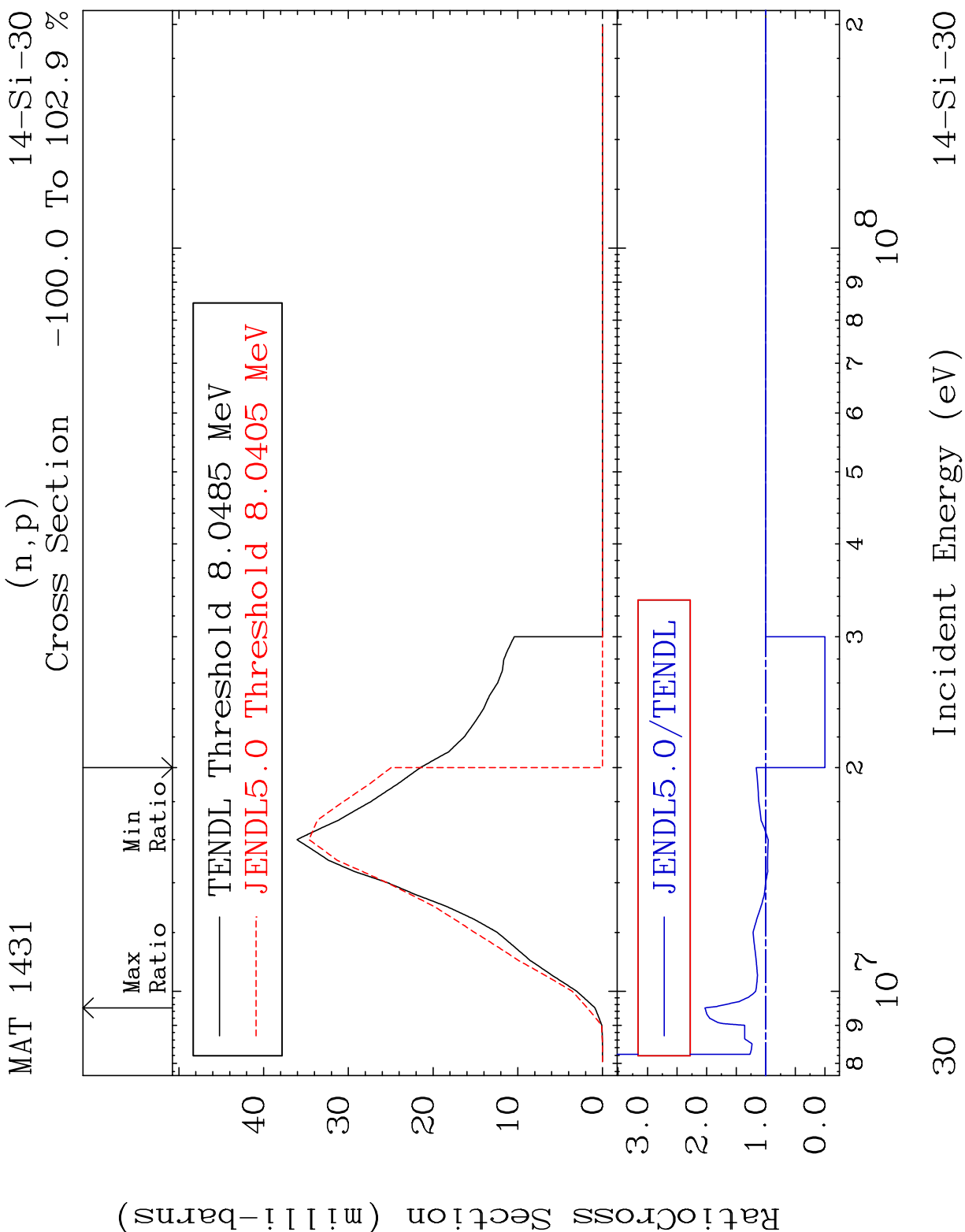
26 14-Si-30

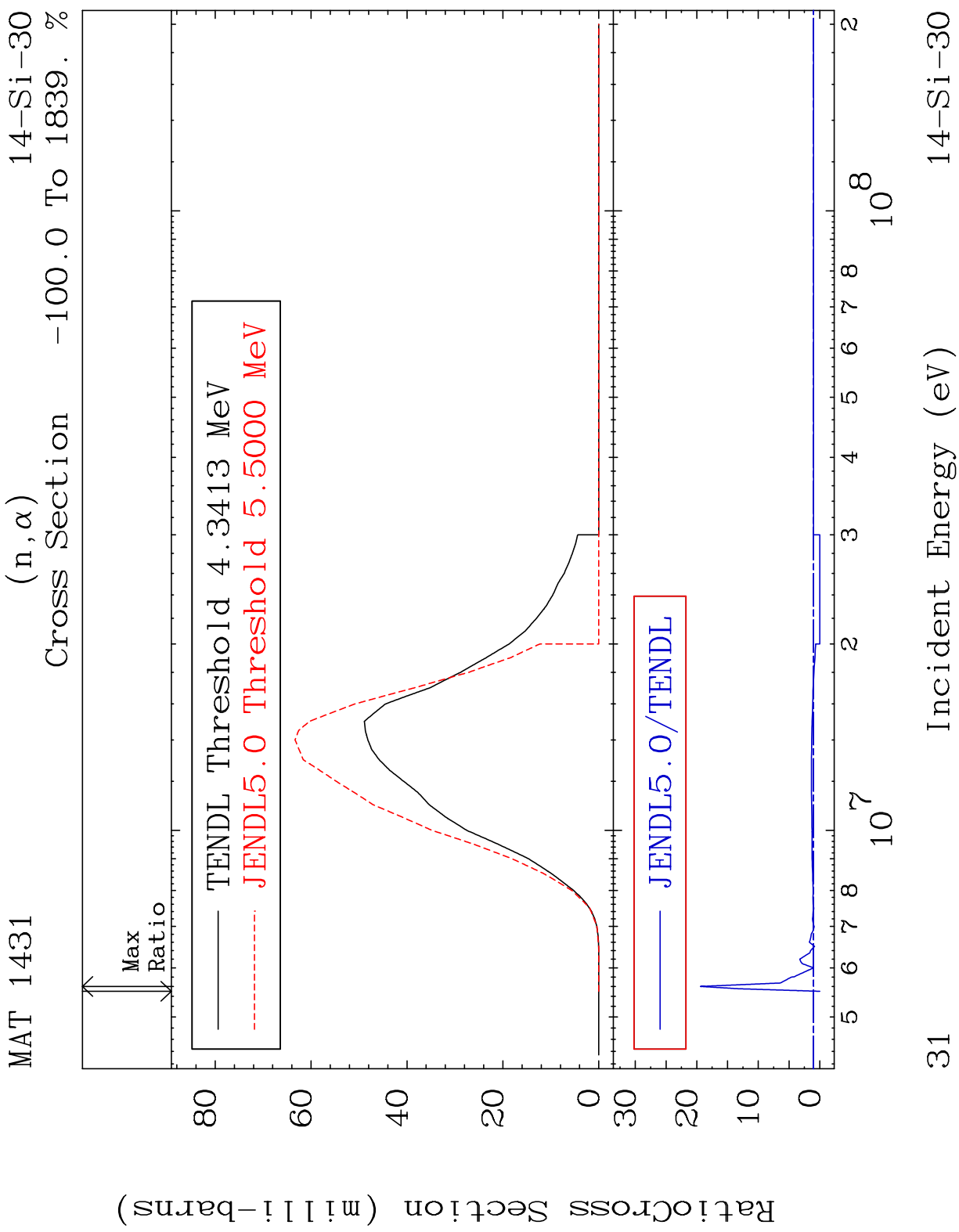
MAT 1431 MT= 69 (n, n') Level 14-Si-30
 Cross Section -100.0 To 613.6 %



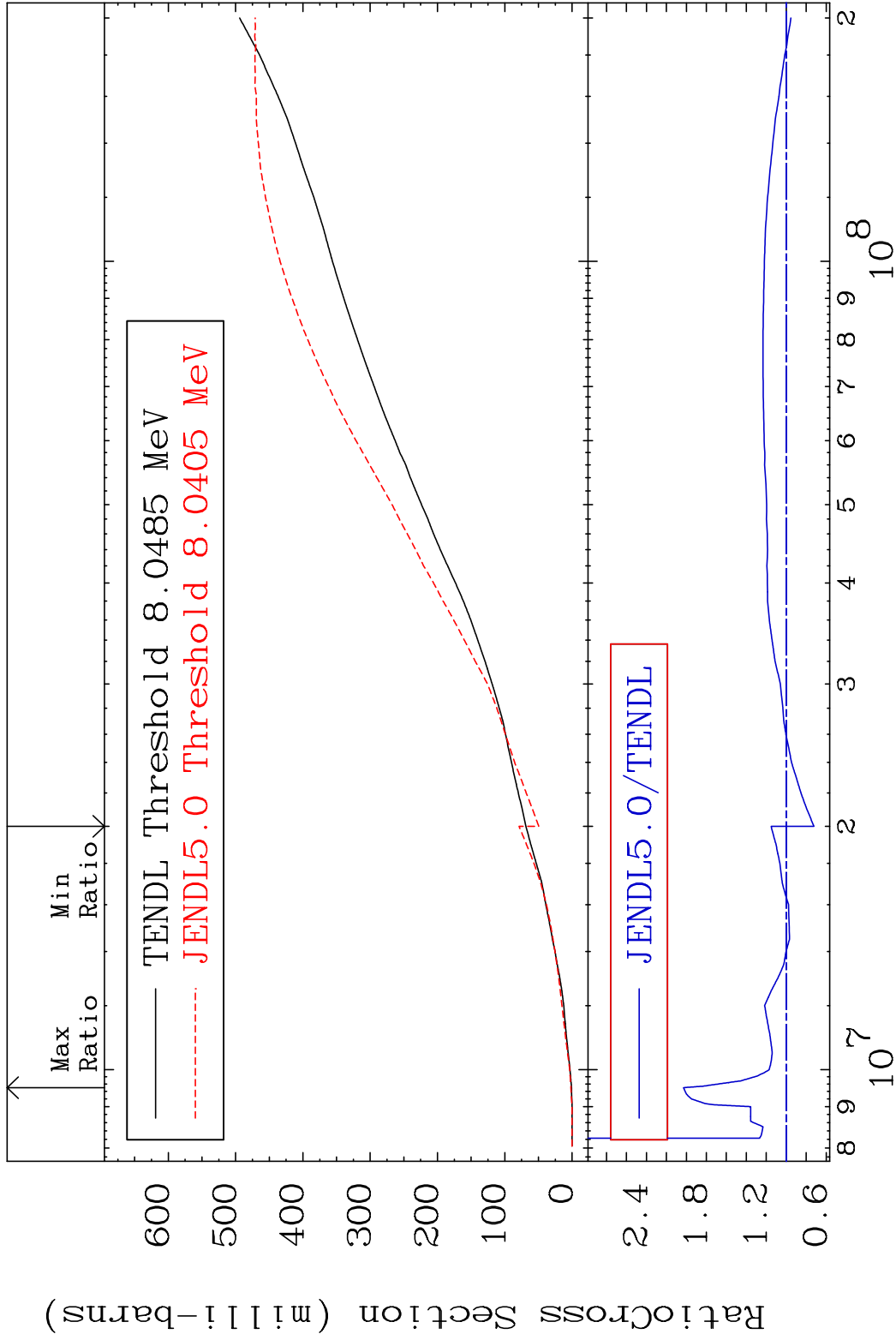




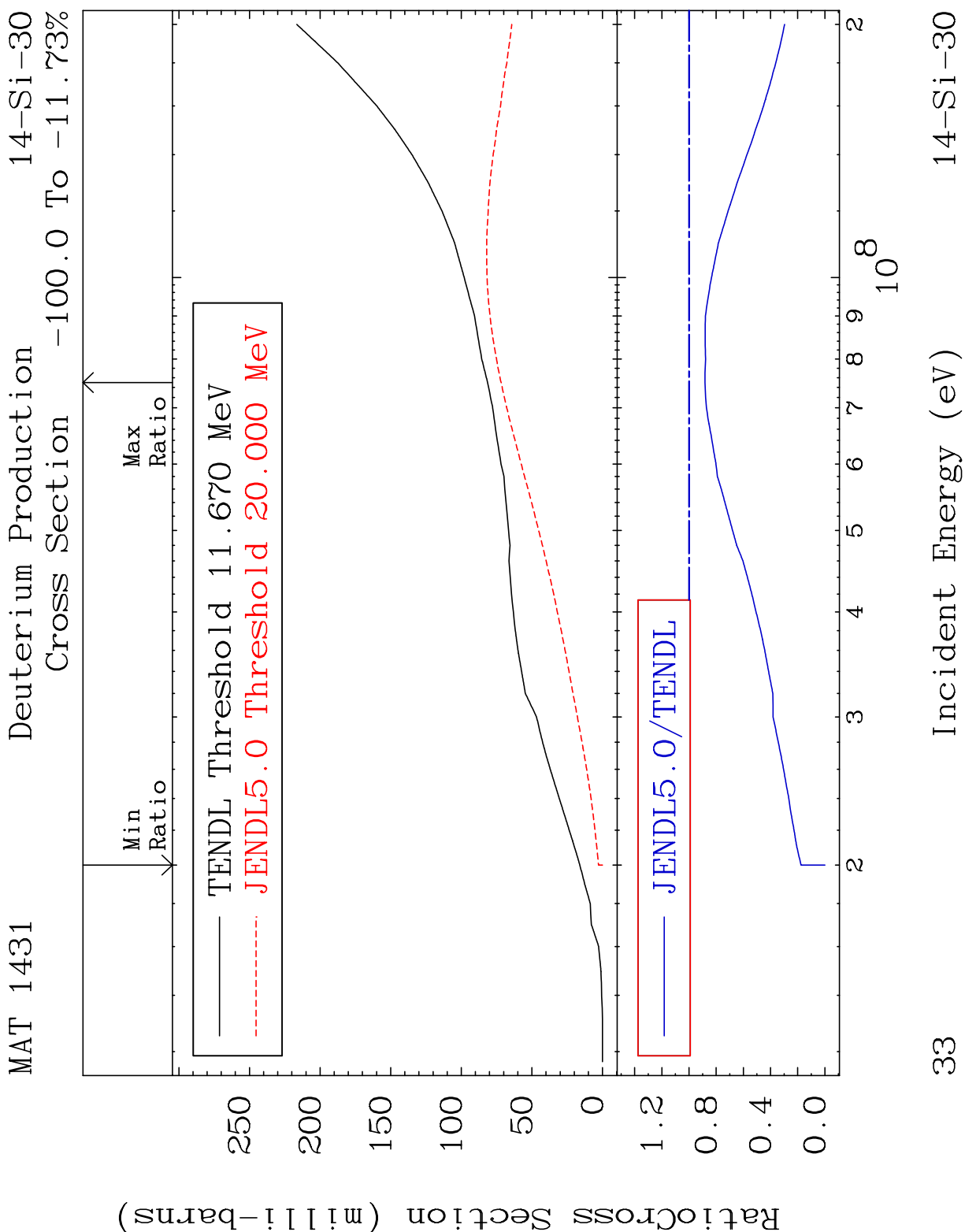


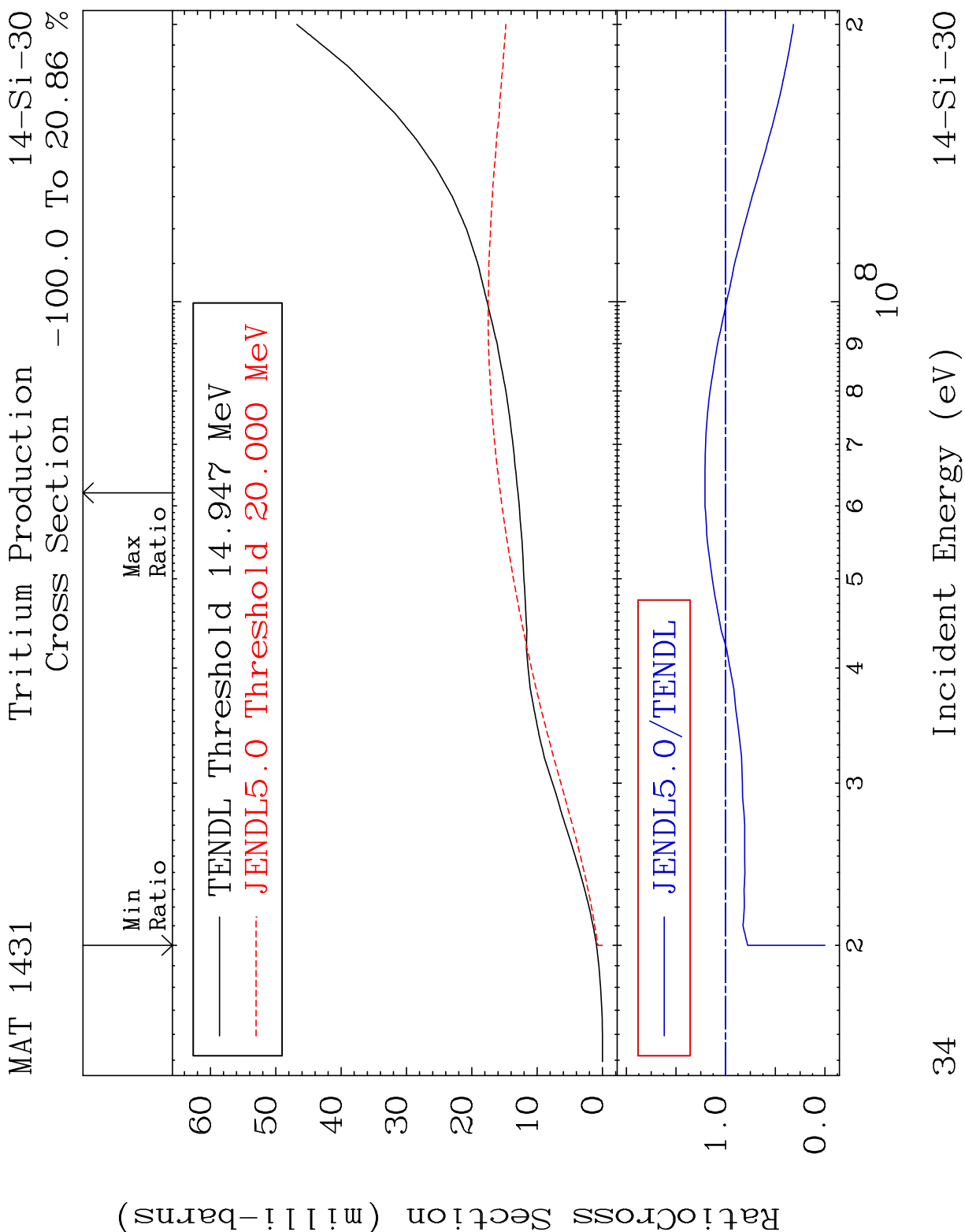


MAT 1431 Hydrogen Production 14-Si-30
 Cross Section -27.65 To 102.9 %

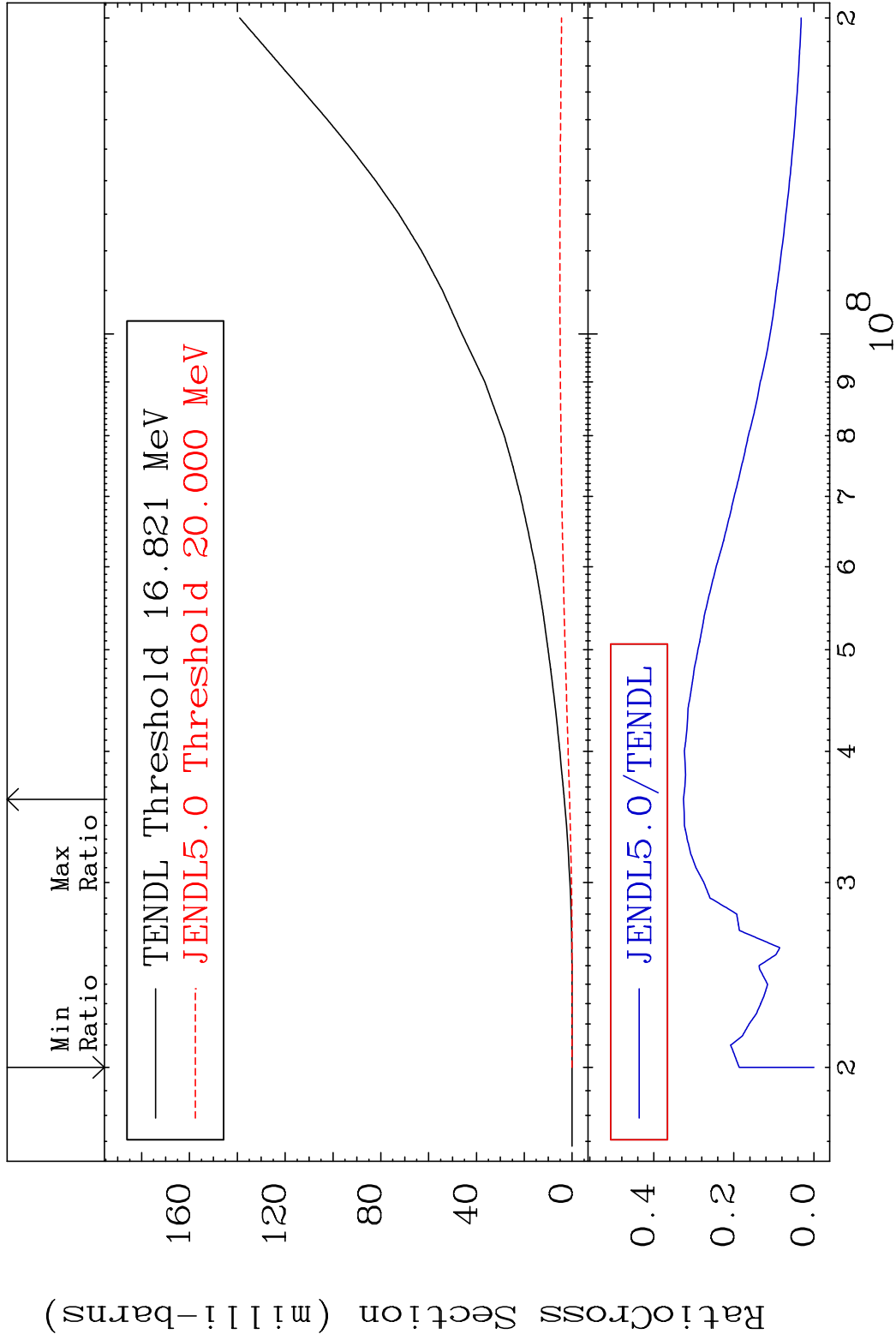


32 Incident Energy (eV) 14-Si-30



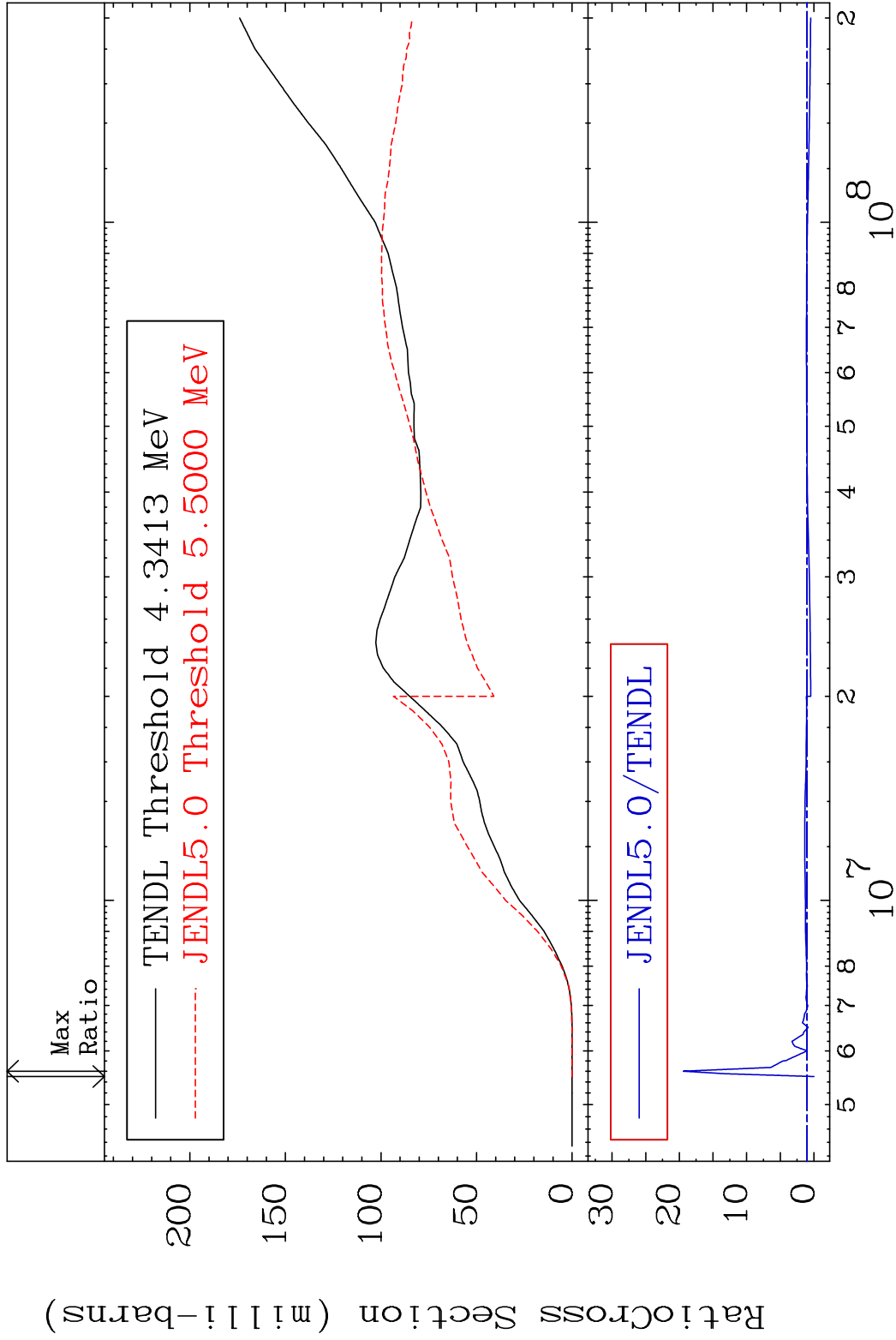


MAT 1431 He-3 Production 14-Si-30
 Cross Section -100.0 To -67.41%



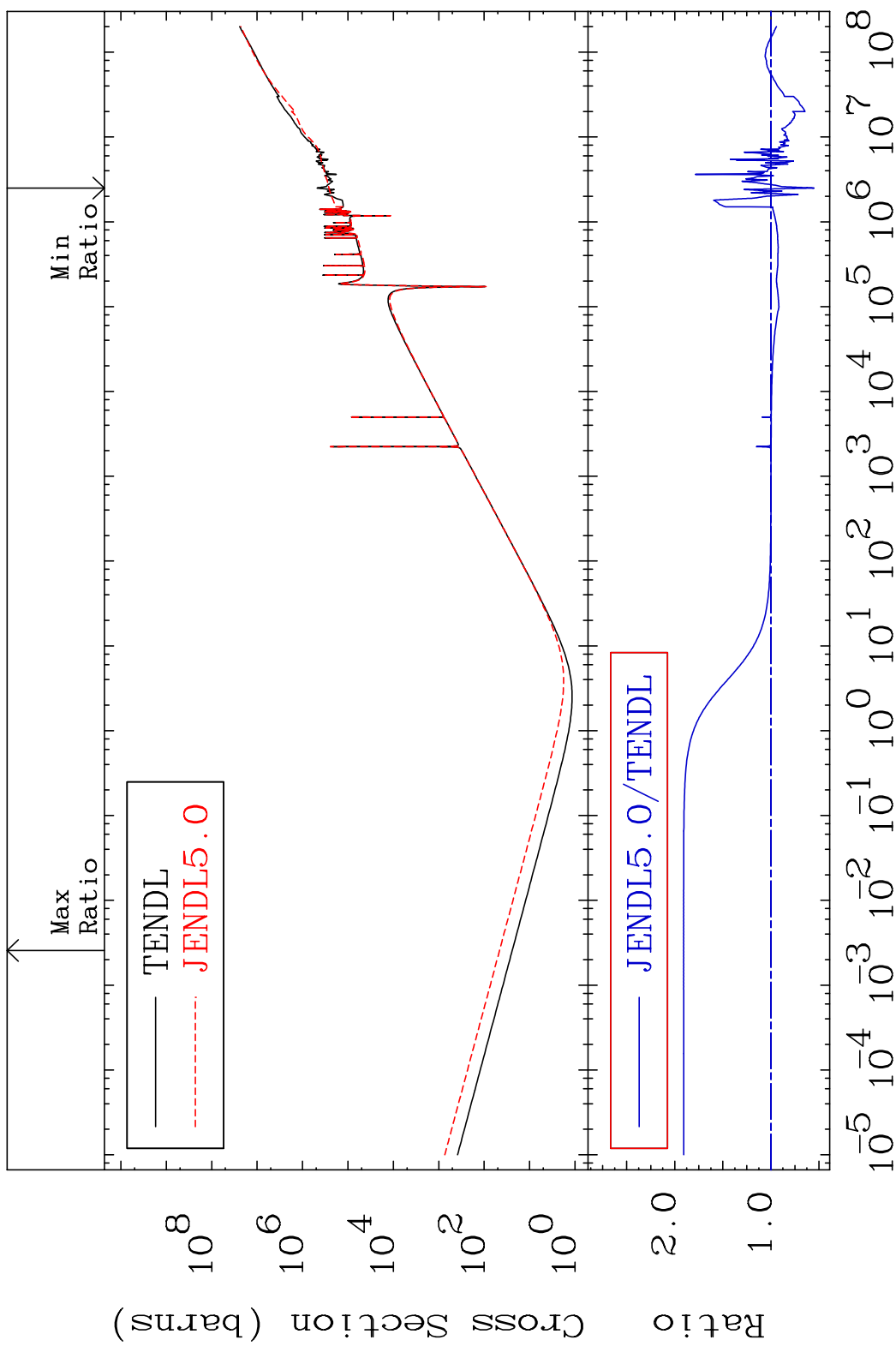
35 14-Si-30

MAT 1431 He-4 Production 14-Si-30
 Cross Section -100.0 To 1839. %



36 14-Si-30

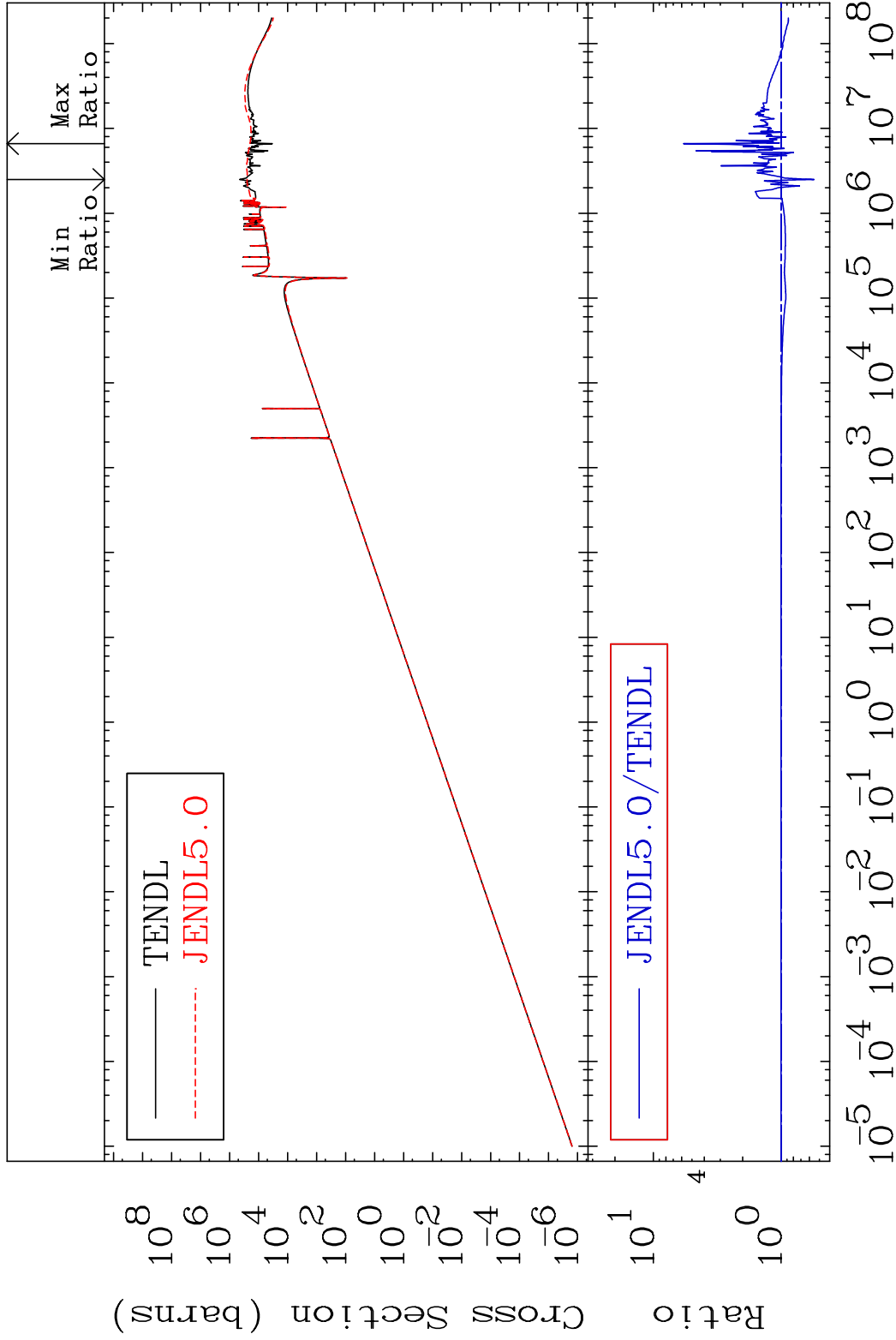
MAT 1431 Kerma total (eV-barns) 14-Si-30
Cross Section -44.71 To 90.96 %



MAT 1431

Kerma elastic
Cross Section

14-Si-30
-44.64 To 481.8 %

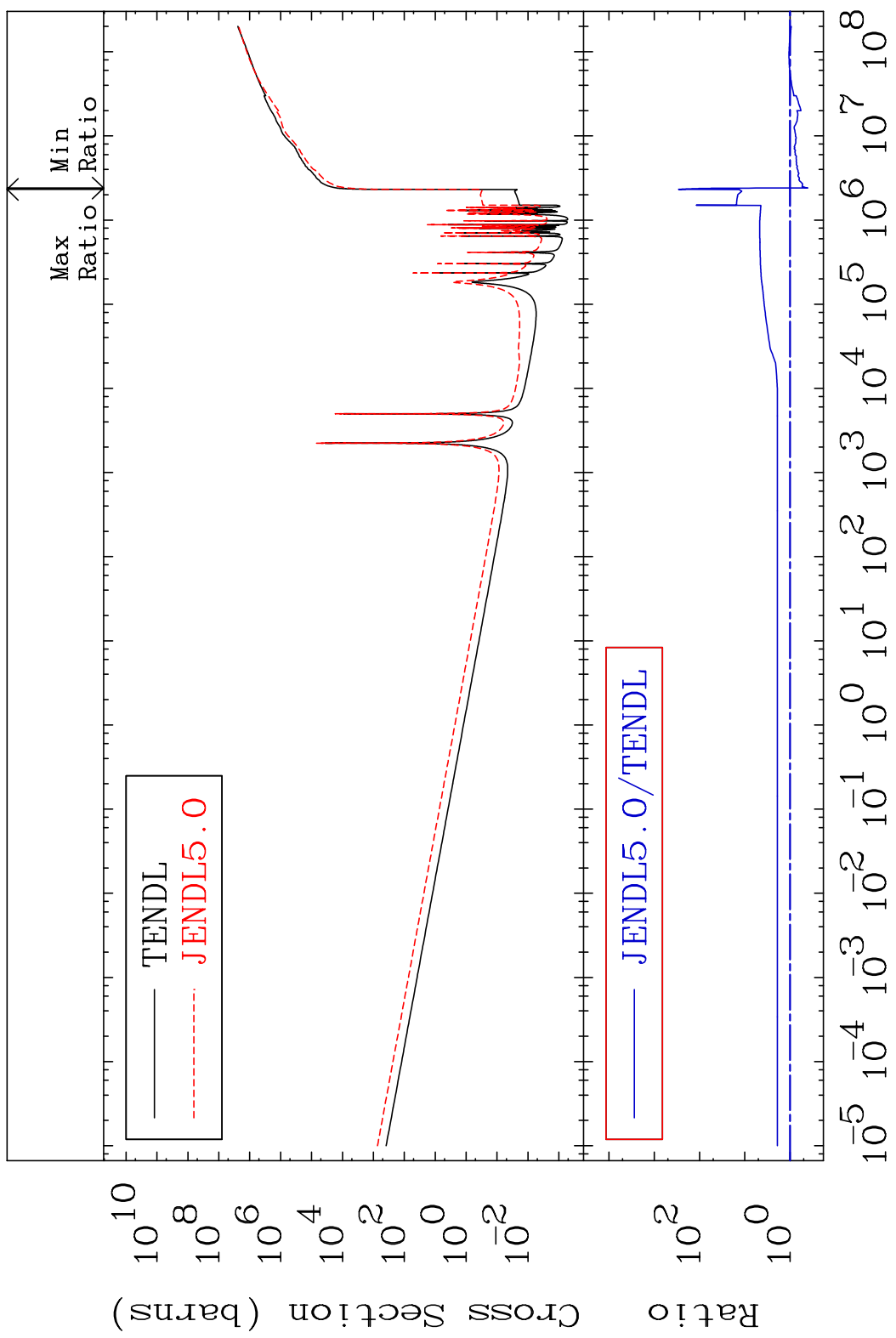


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Incident Energy (eV)

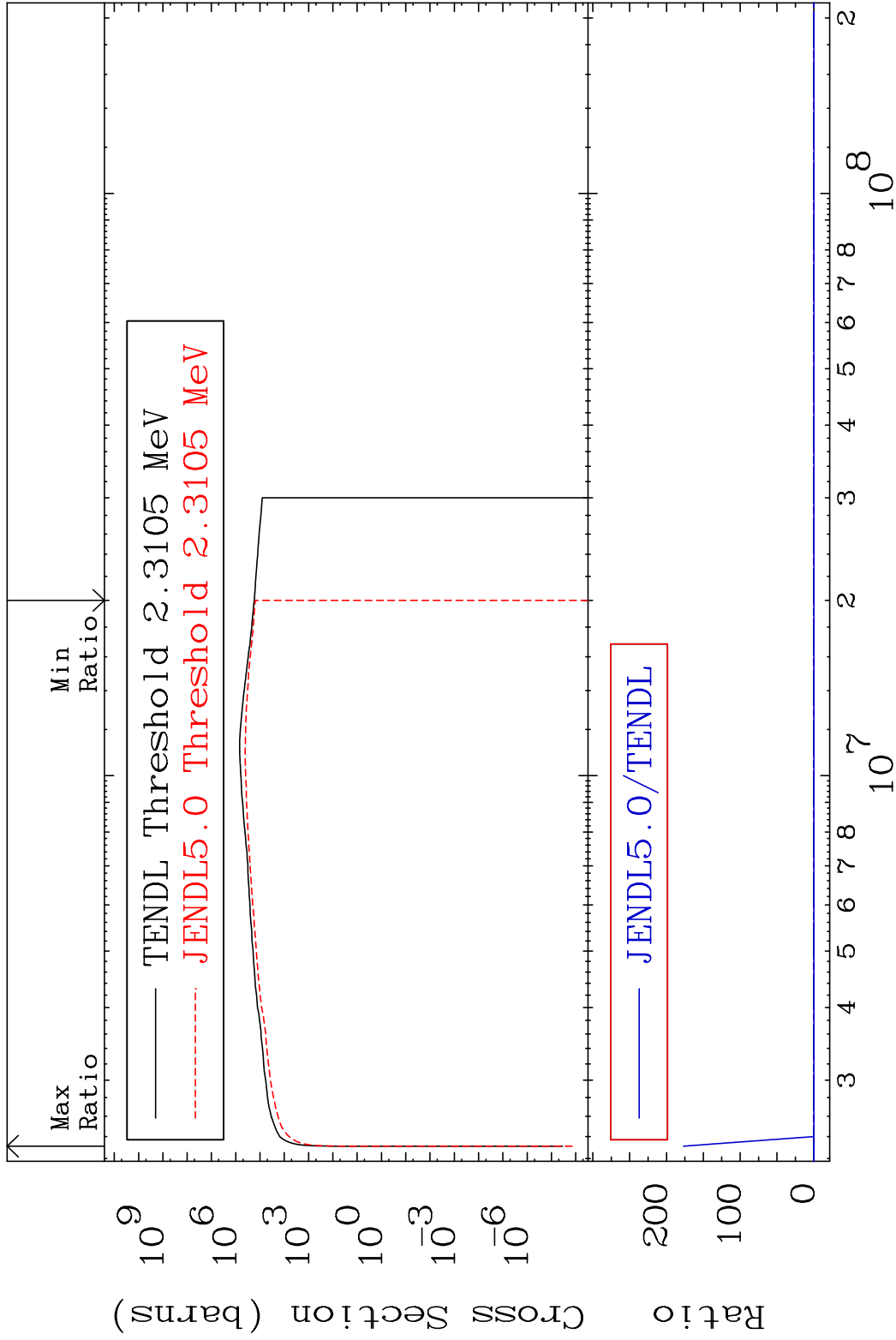
14-Si-30

MAT 1431 Kerma non-elastic (all but mt2) 14-Si-30
 Cross Section -59.20 To 9999. %



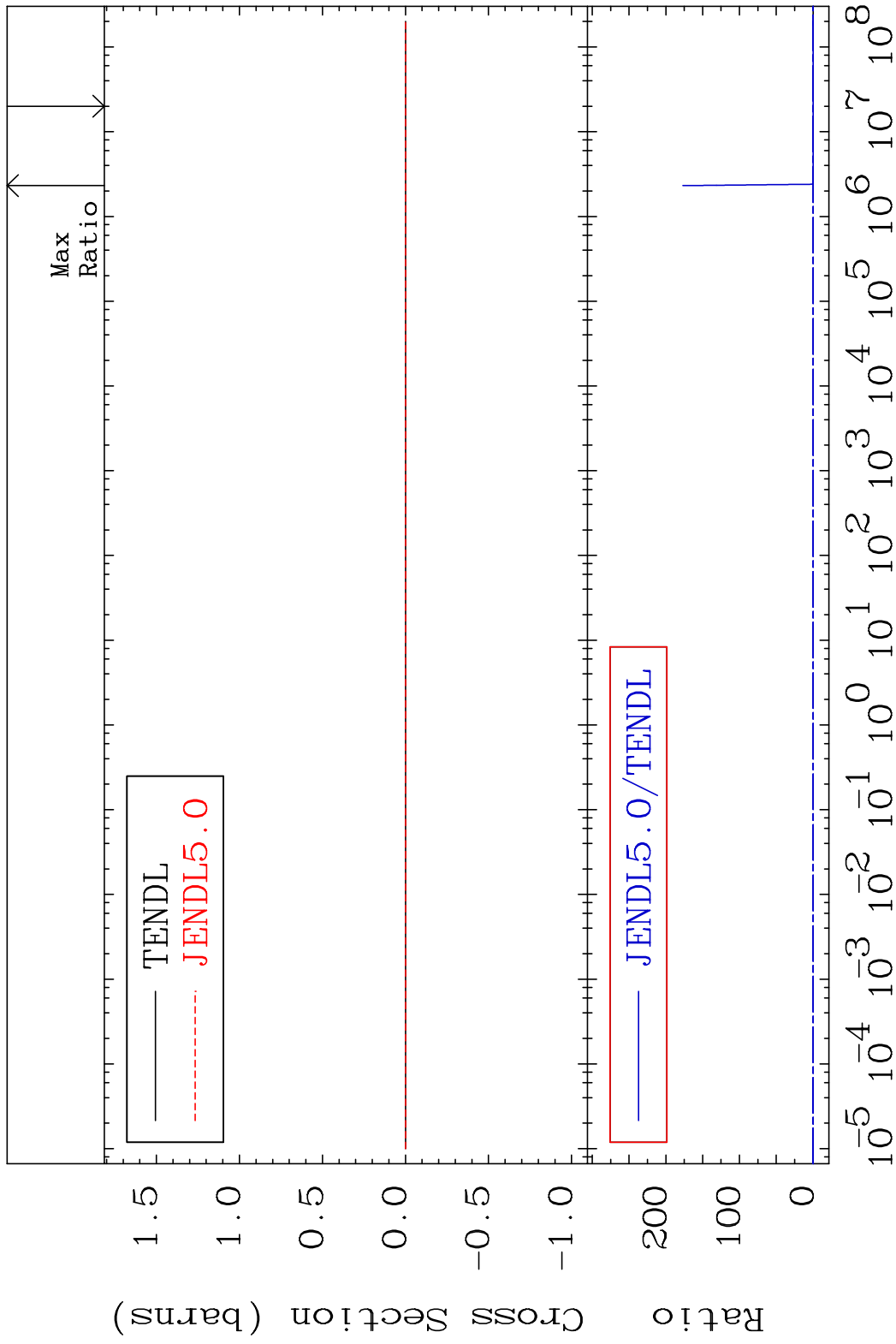
39 Incident Energy (eV) 14-Si-30

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



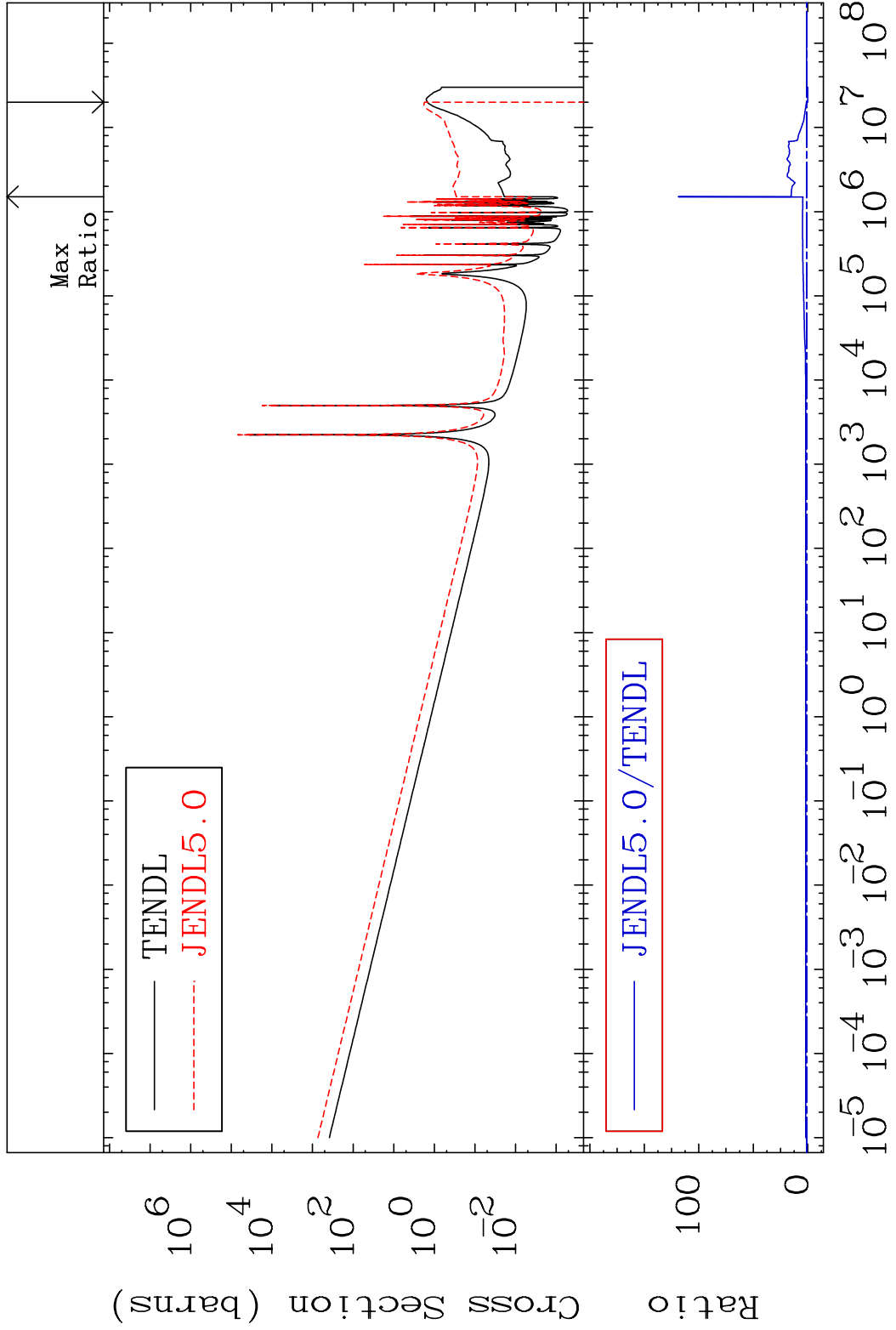
40 Incident Energy (eV) 14-Si-30

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



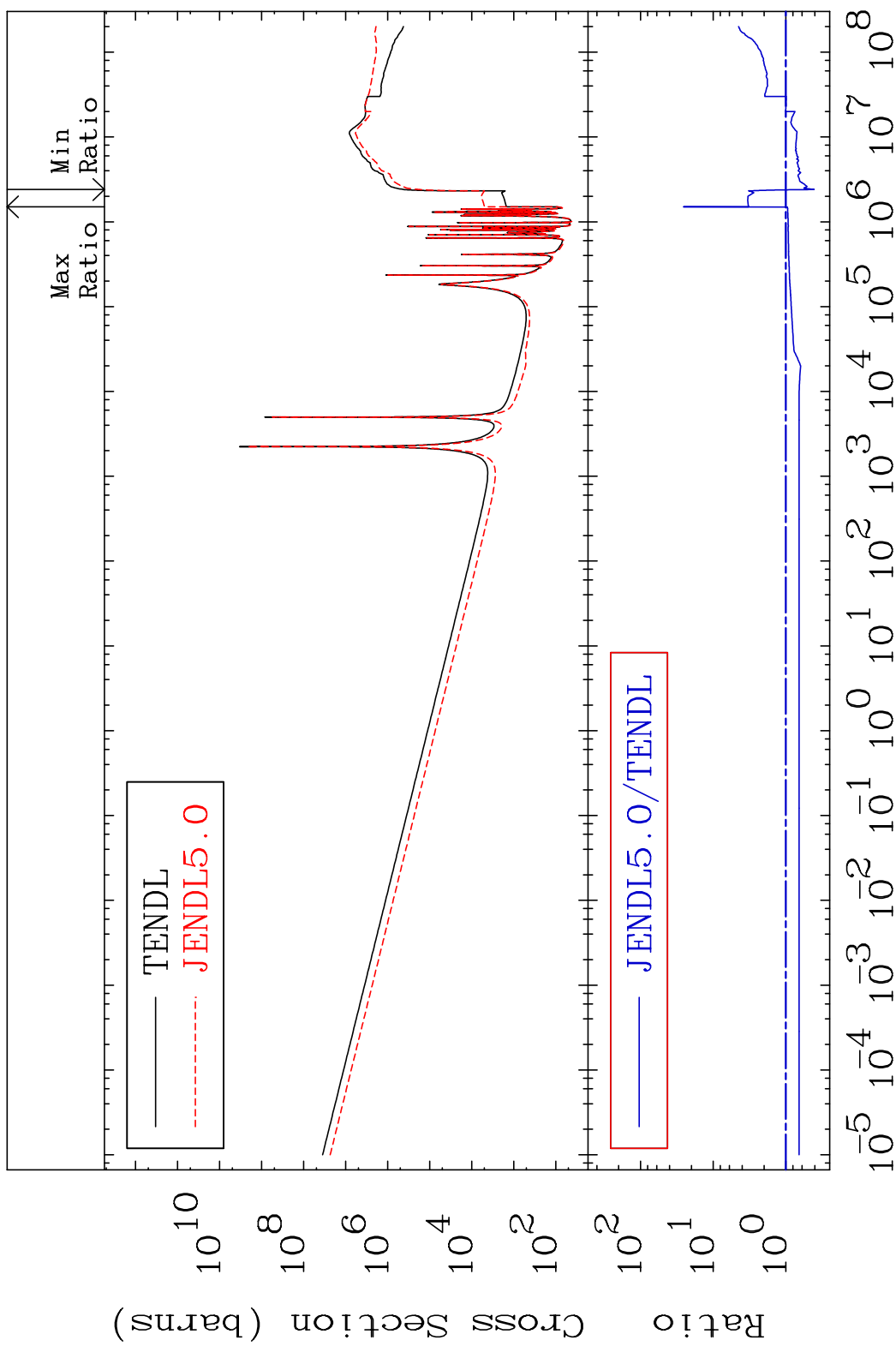
41 Incident Energy (eV) 14-Si-30

MAT 1431 Kerma capture (mt102) 14-Si-30
 Cross Section -100.0 To 9999. %



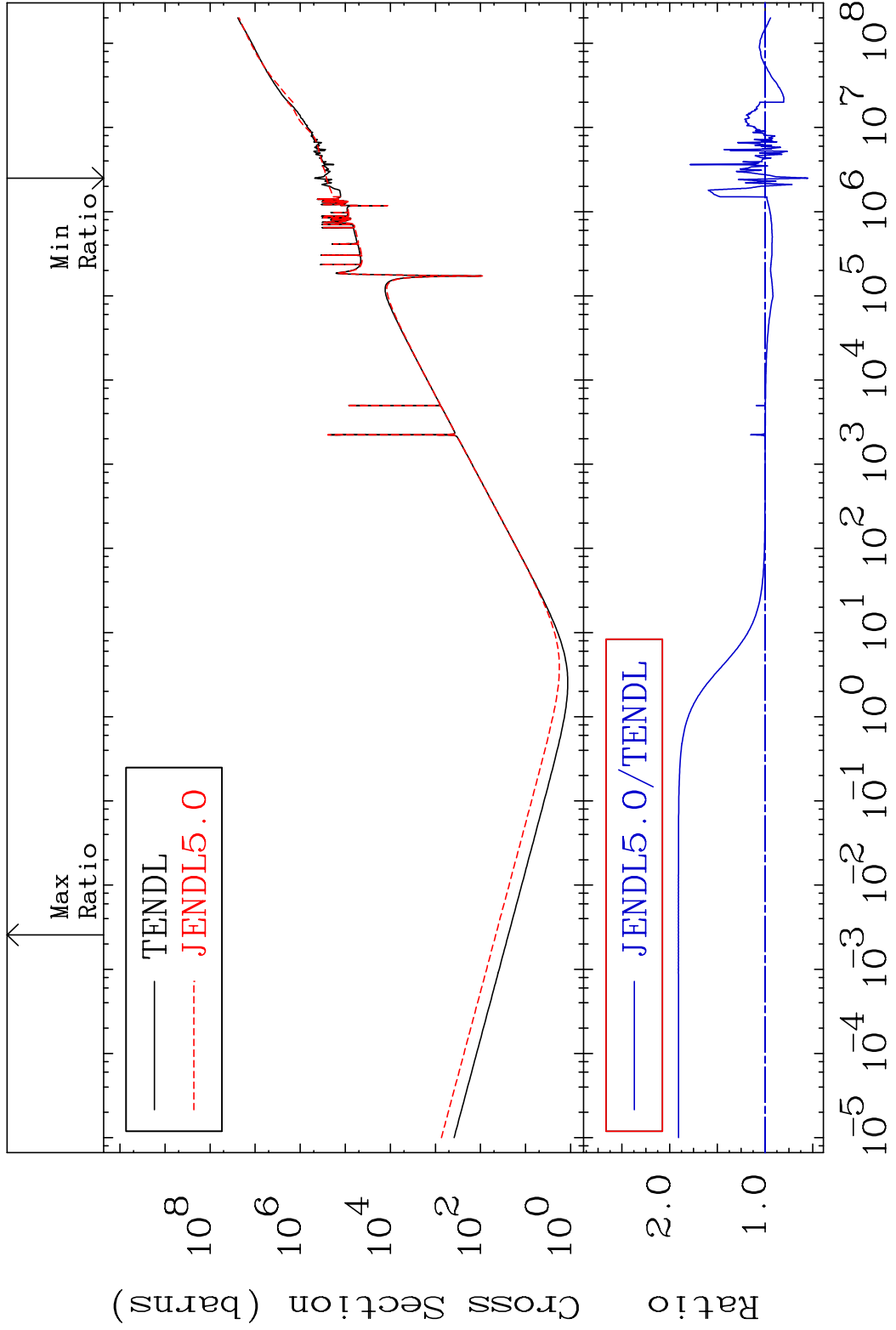
42 Incident Energy (eV) 14-Si-30

MAT 1431 Total photon (eV-barns) 14-Si-30
 Cross Section -58.73 To 2470. %

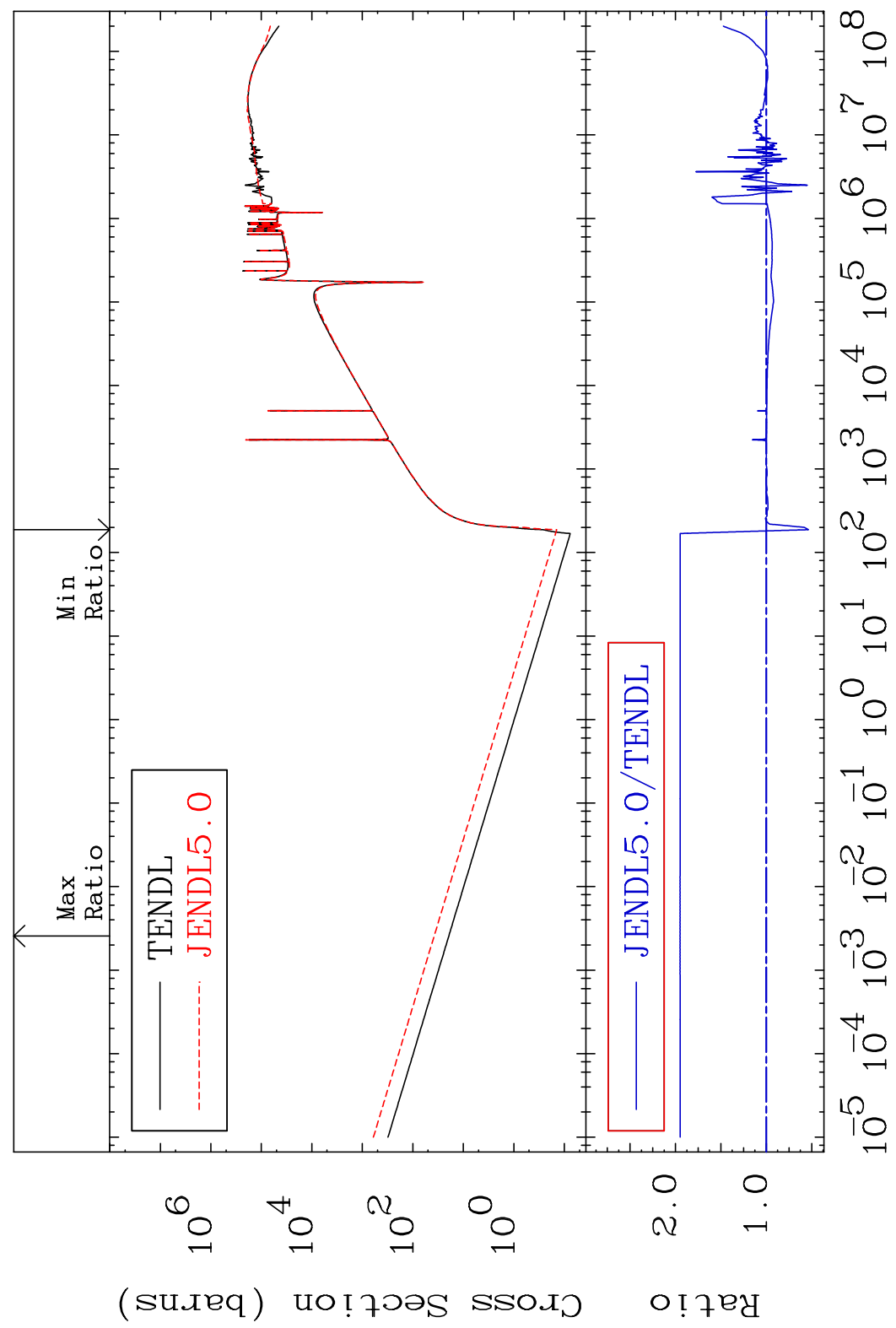


43 Incident Energy (eV) 14-Si-30

MAT 1431 Total kinematic kerma (high limit) 14-Si-30
 Cross Section -44.71 To 90.96 %



MAT 1431 Dpa total (eV-barns) 14-Si-30
Cross Section -46.30 To 95.10 %



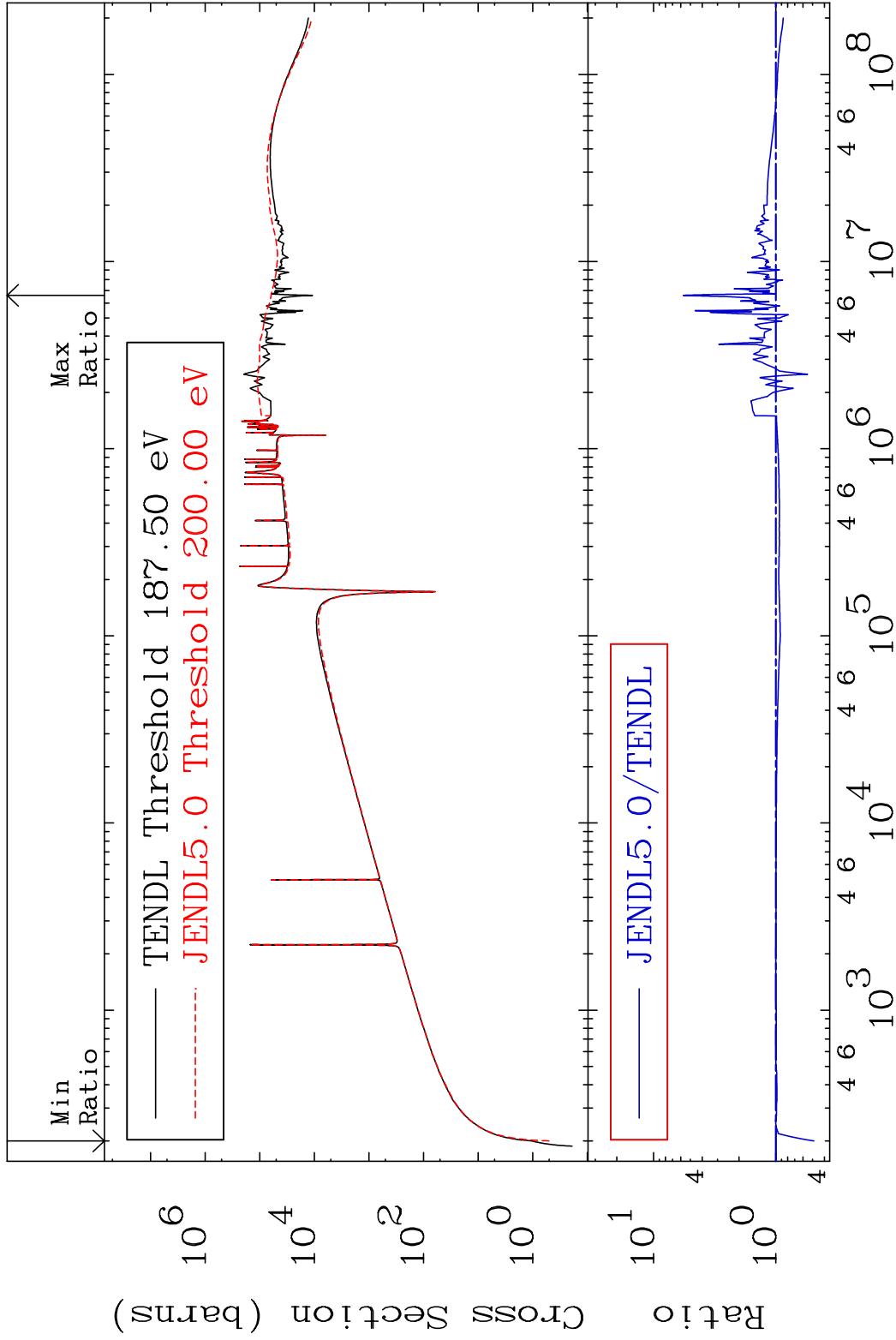
45 Incident Energy (eV) 14-Si-30

MAT 1431

Dpa elastic (mt2)

14-Si-30

Cross Section -51.14 To 469.6 %

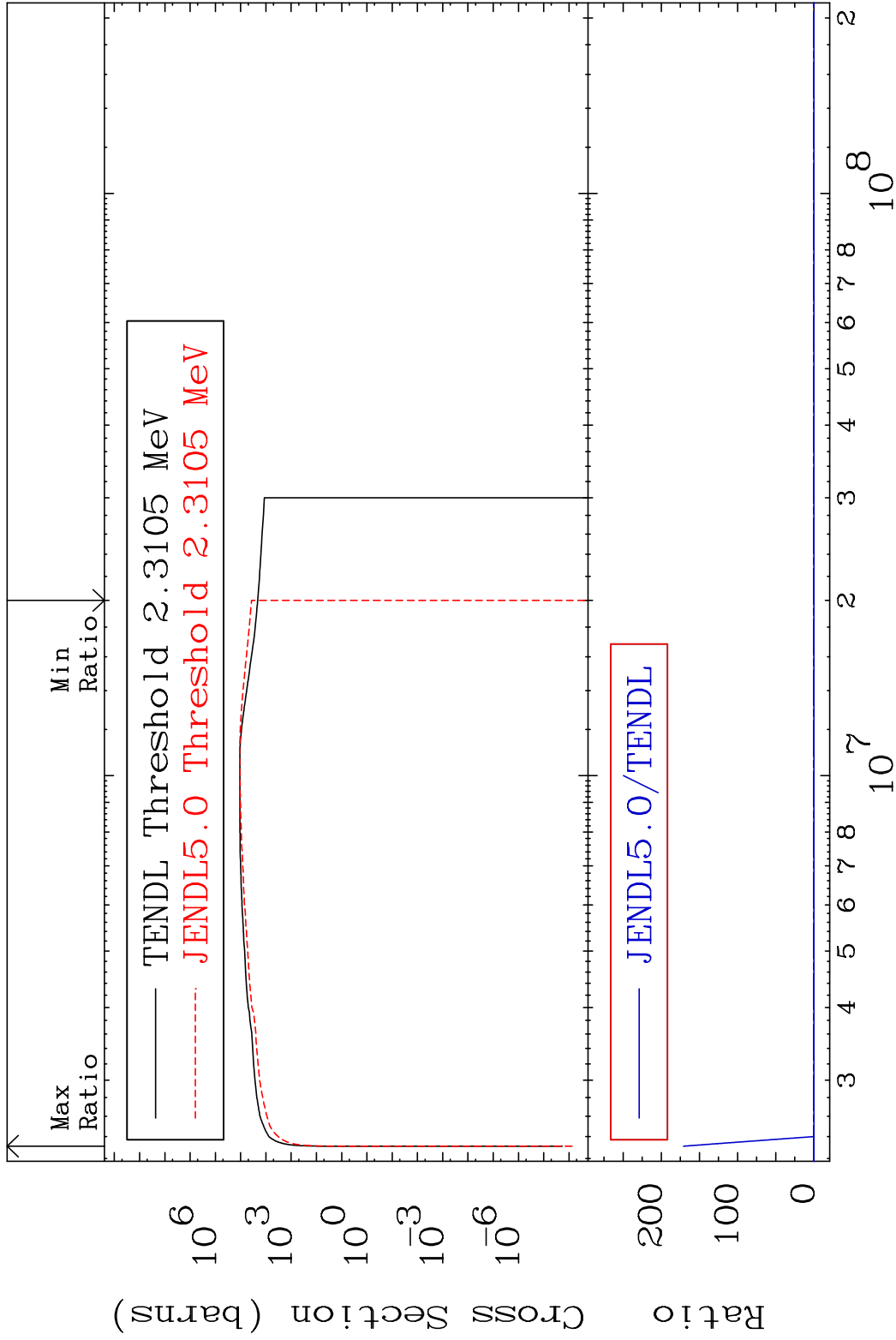


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Incident Energy (eV)

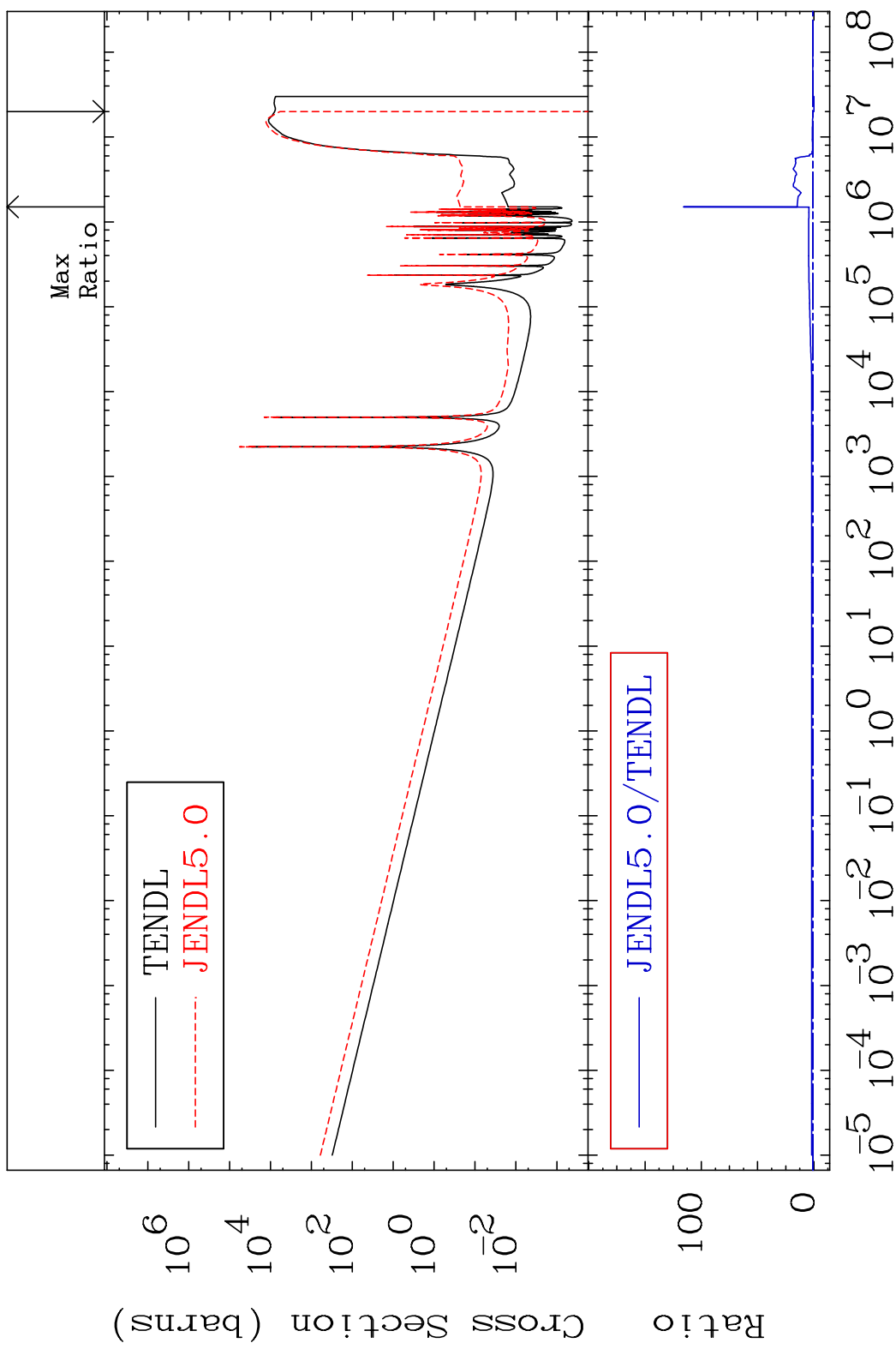
14-Si-30

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



47 Incident Energy (eV) 14-Si-30

MAT 1431 Dpa disappearance (mt102 -120) 14-Si-30
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 14-Si-30