

Program Complot  
(Version 2021-1)

by

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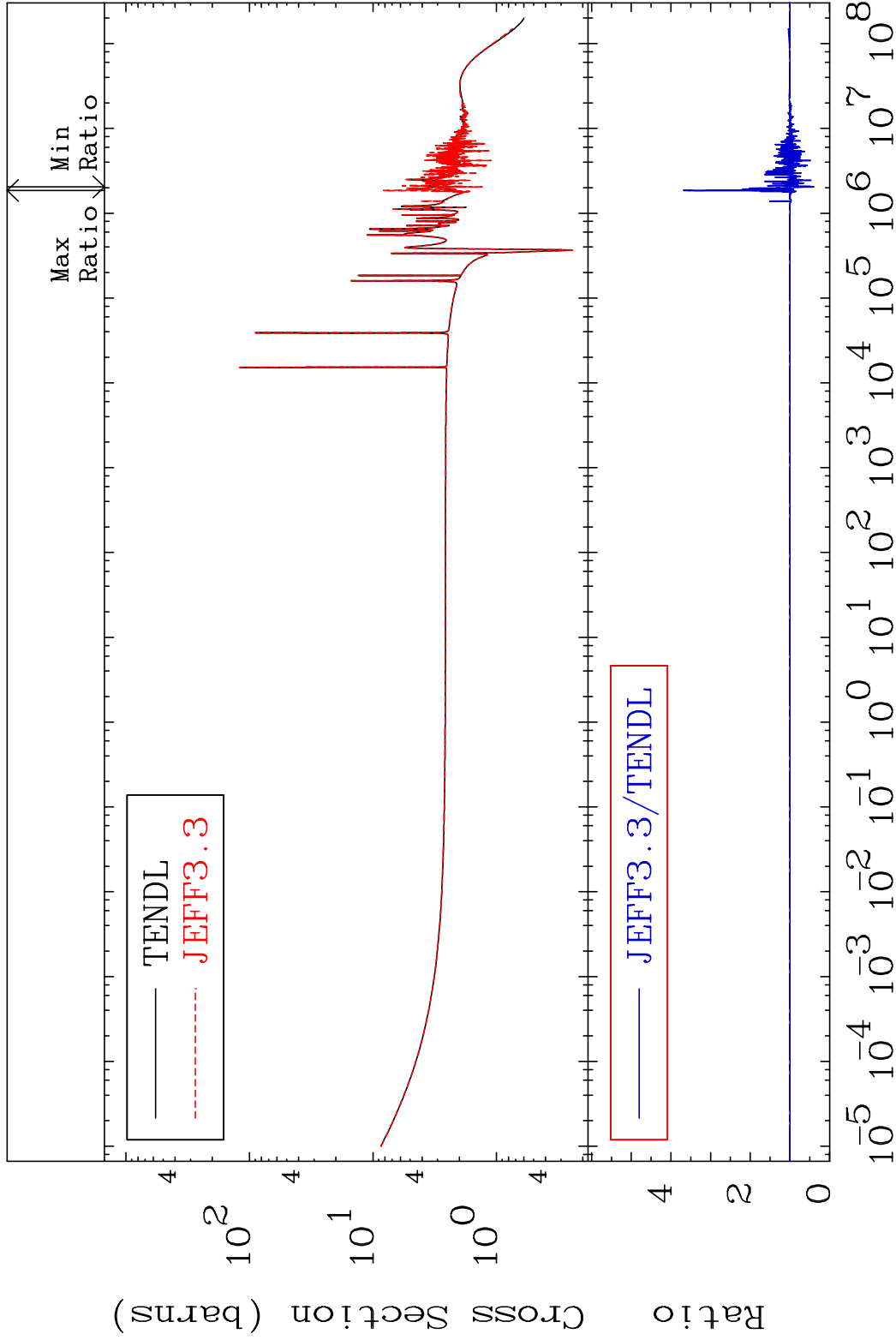
Press Mouse Button to Start

MAT 1428

Total

14-Si-29

Cross Section -60.50 To 268.4 %



1

Incident Energy (eV)

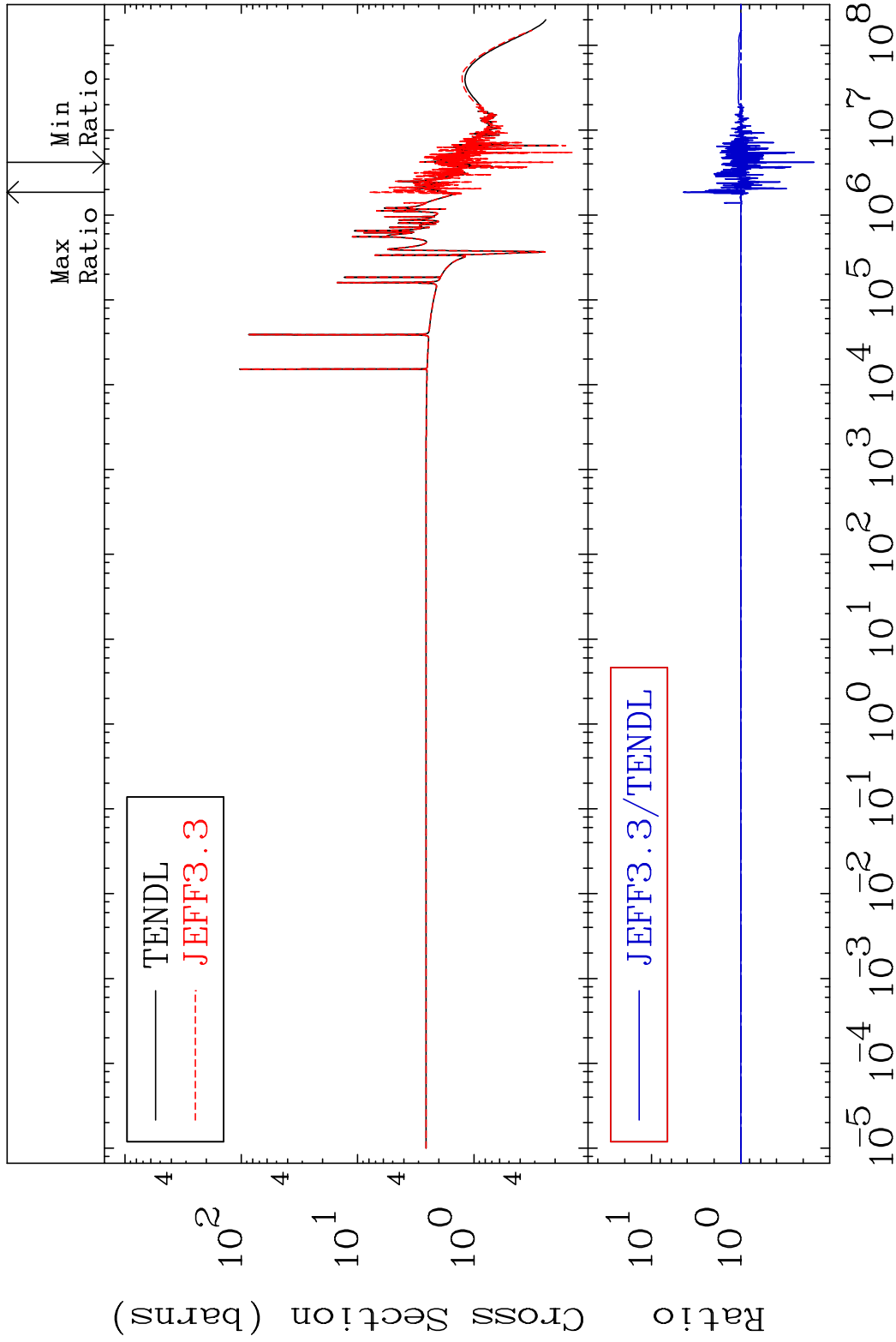
14-Si-29

MAT 1428

Elastic

14-Si-29

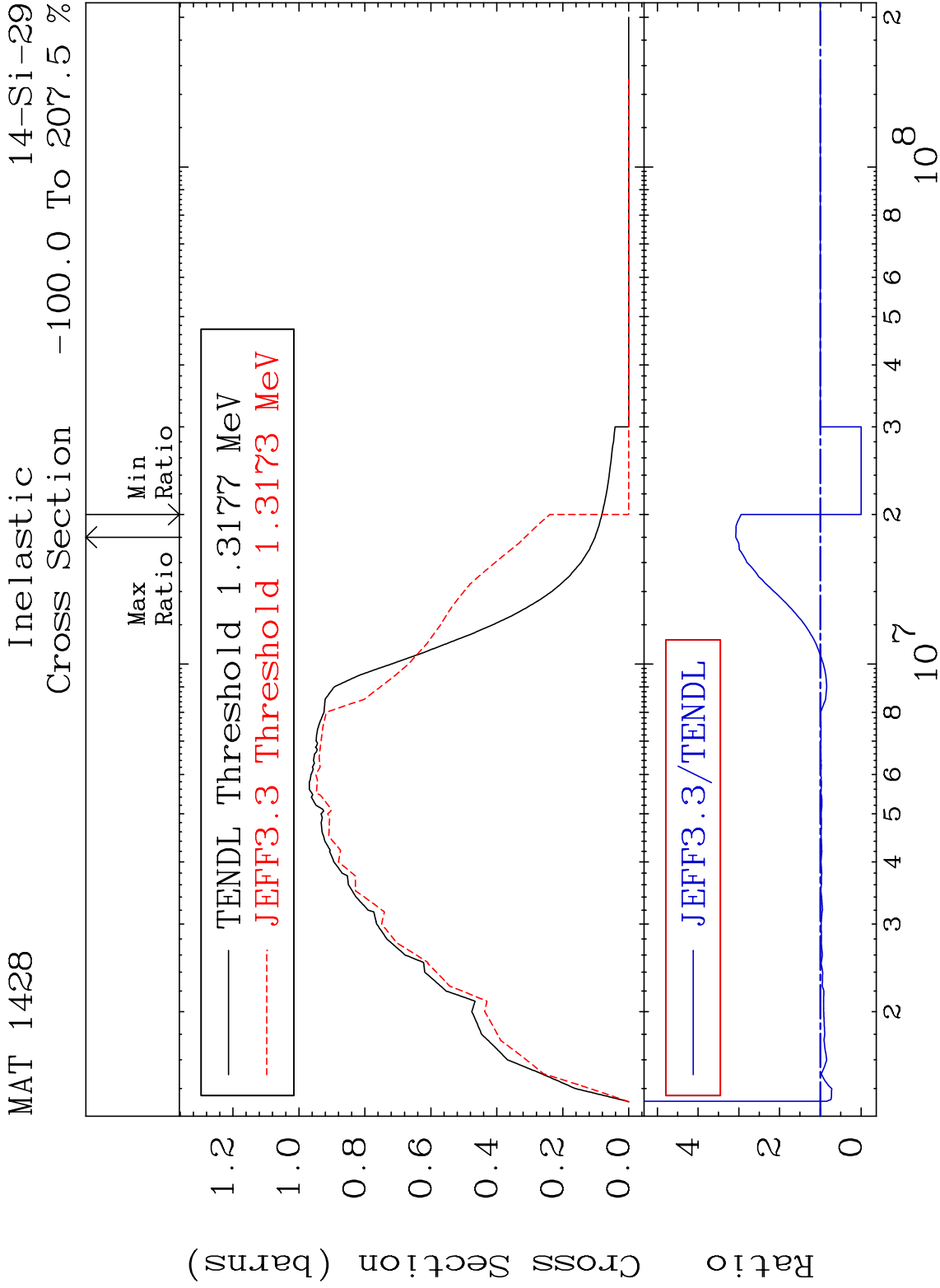
Cross Section -84.80 To 339.7 %

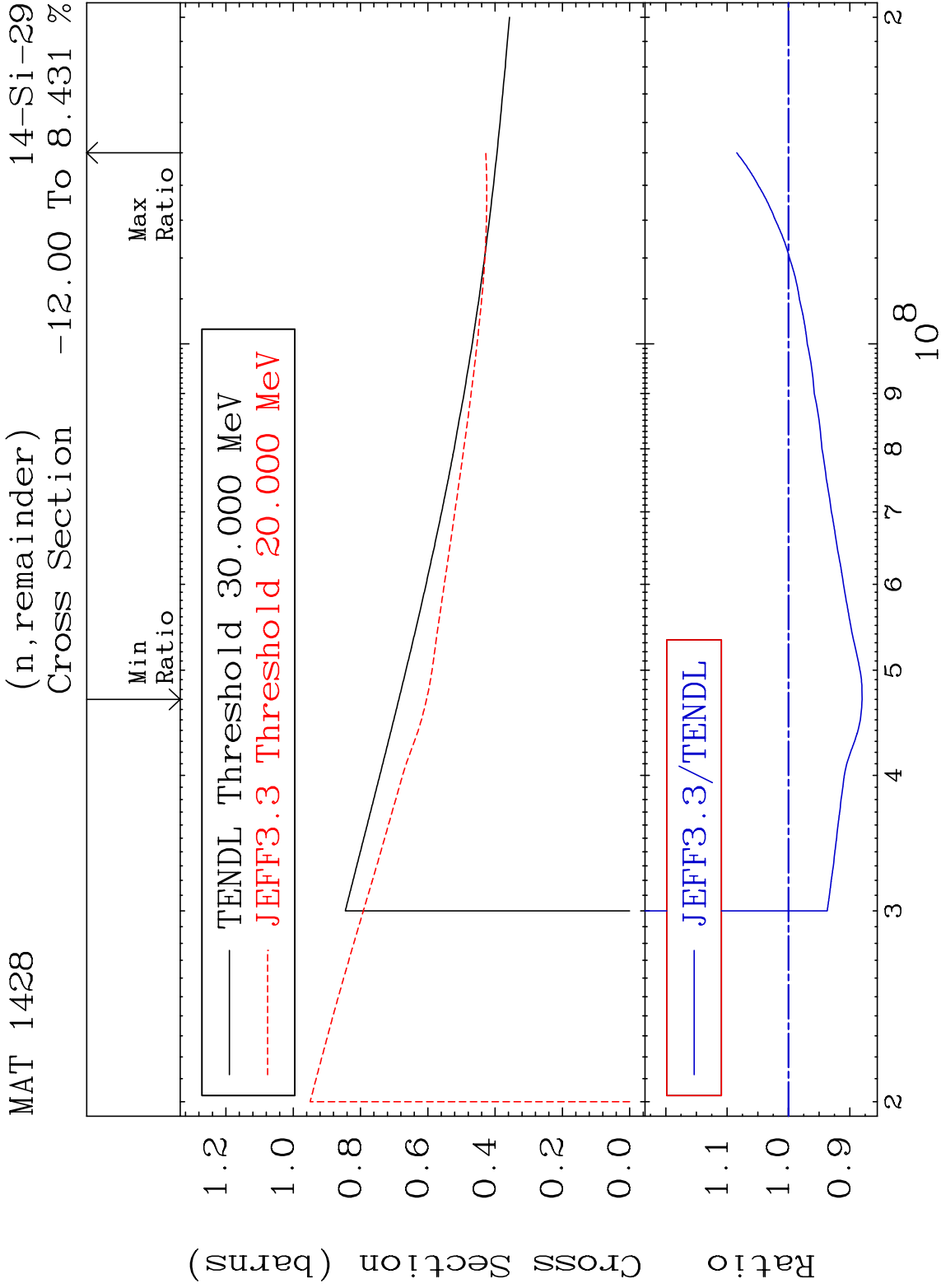


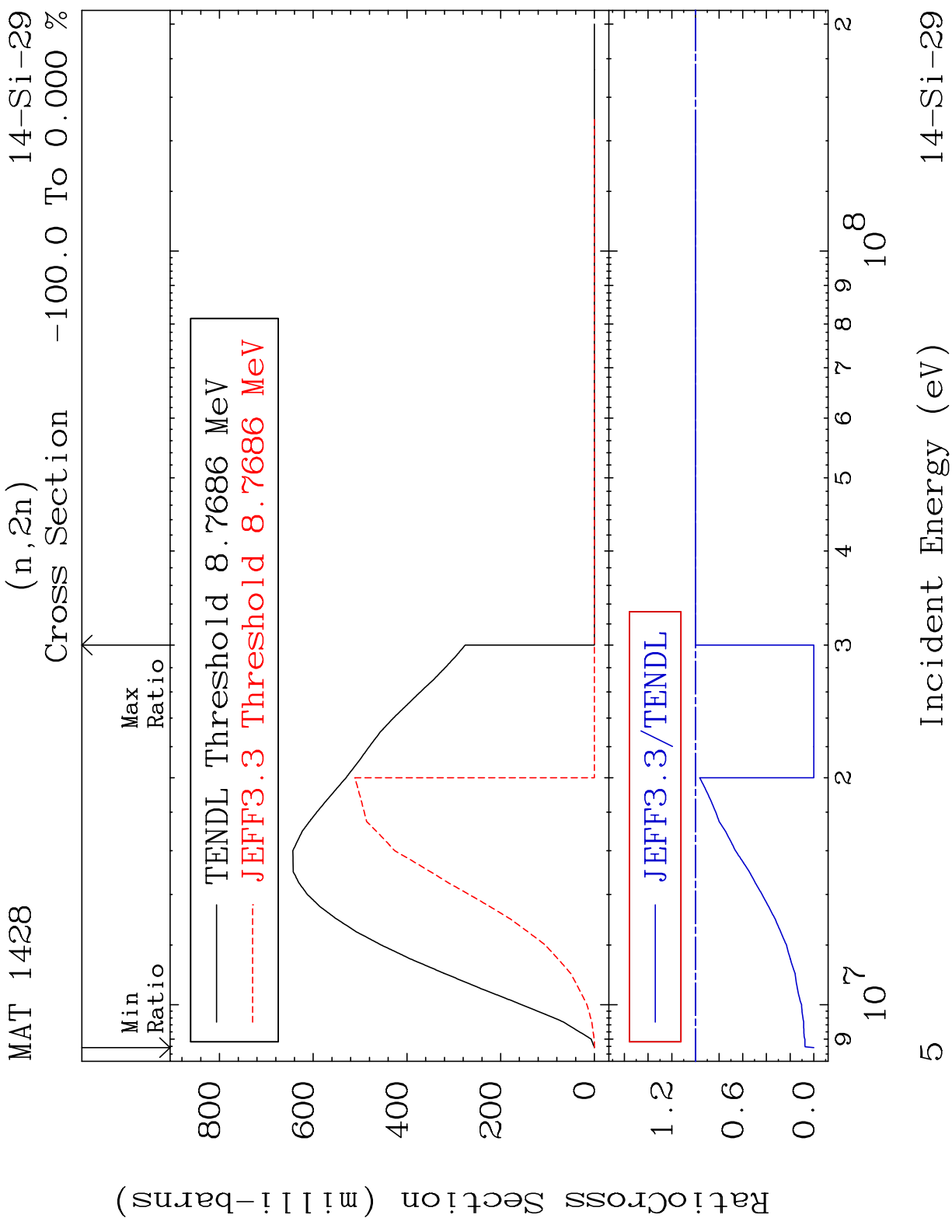
2

Incident Energy (eV)

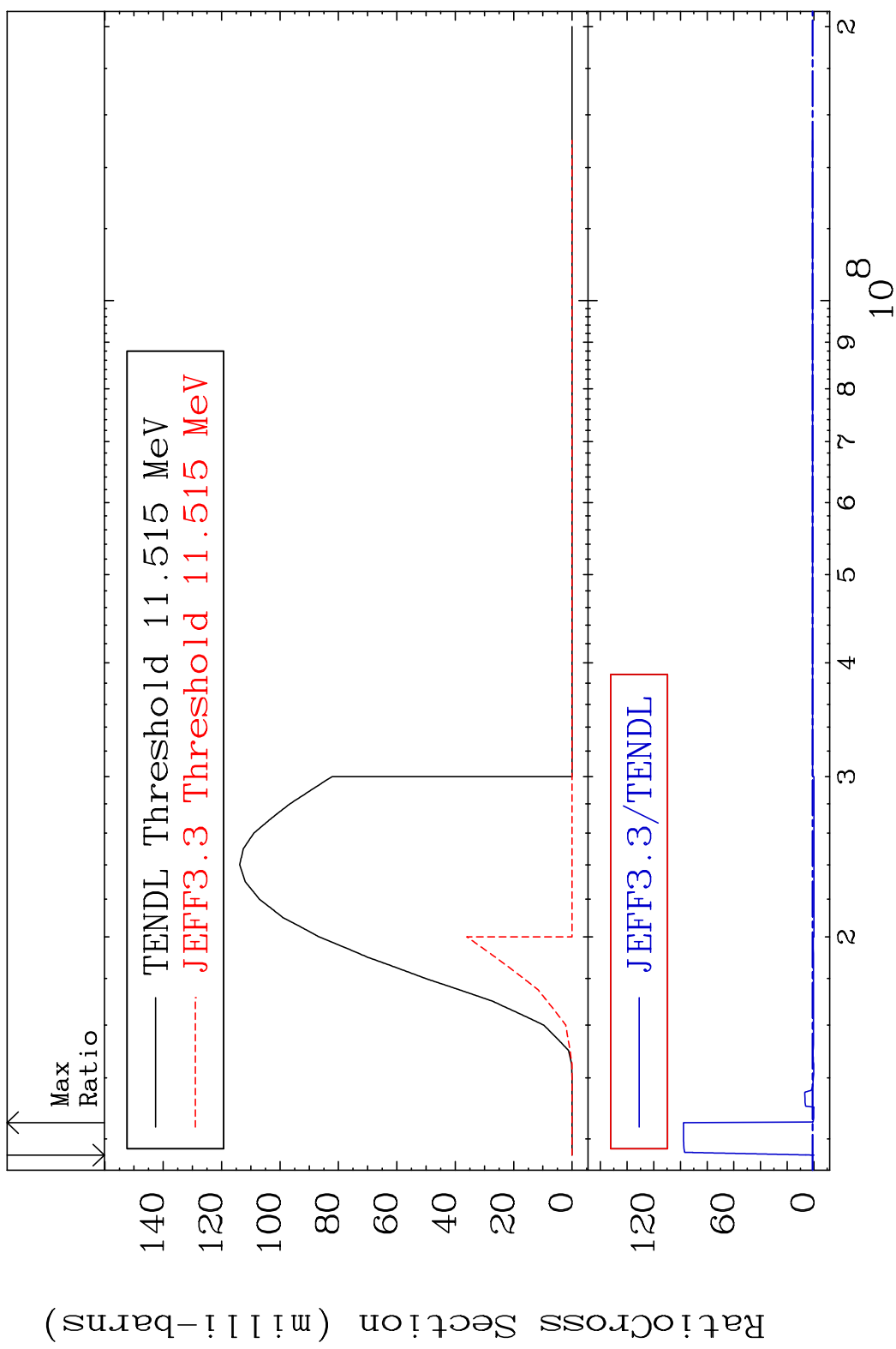
14-Si-29



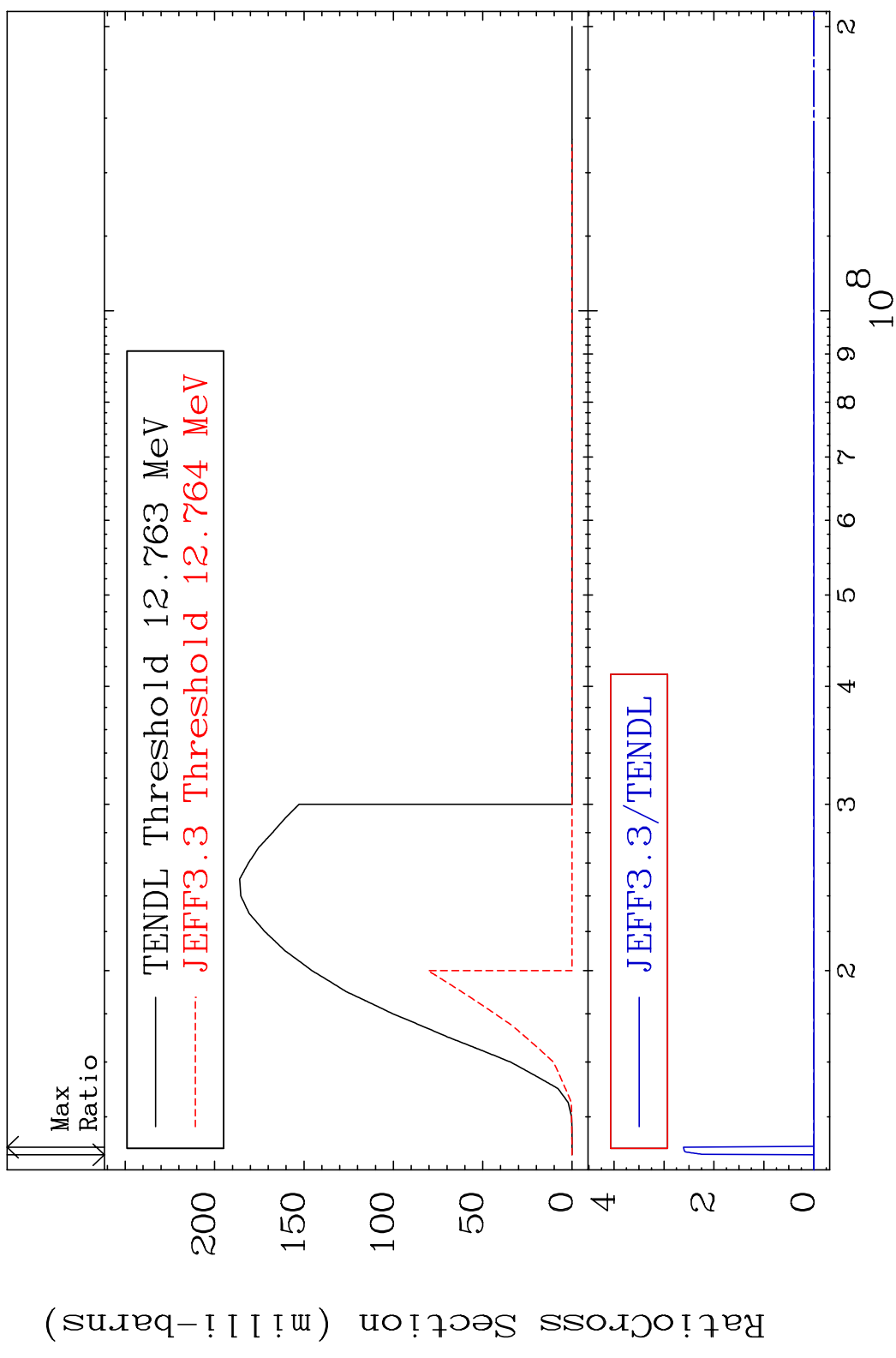




MAT 1428 (n, n')  $\alpha$  14-Si-29  
 Cross Section -100.0 To 9677. %

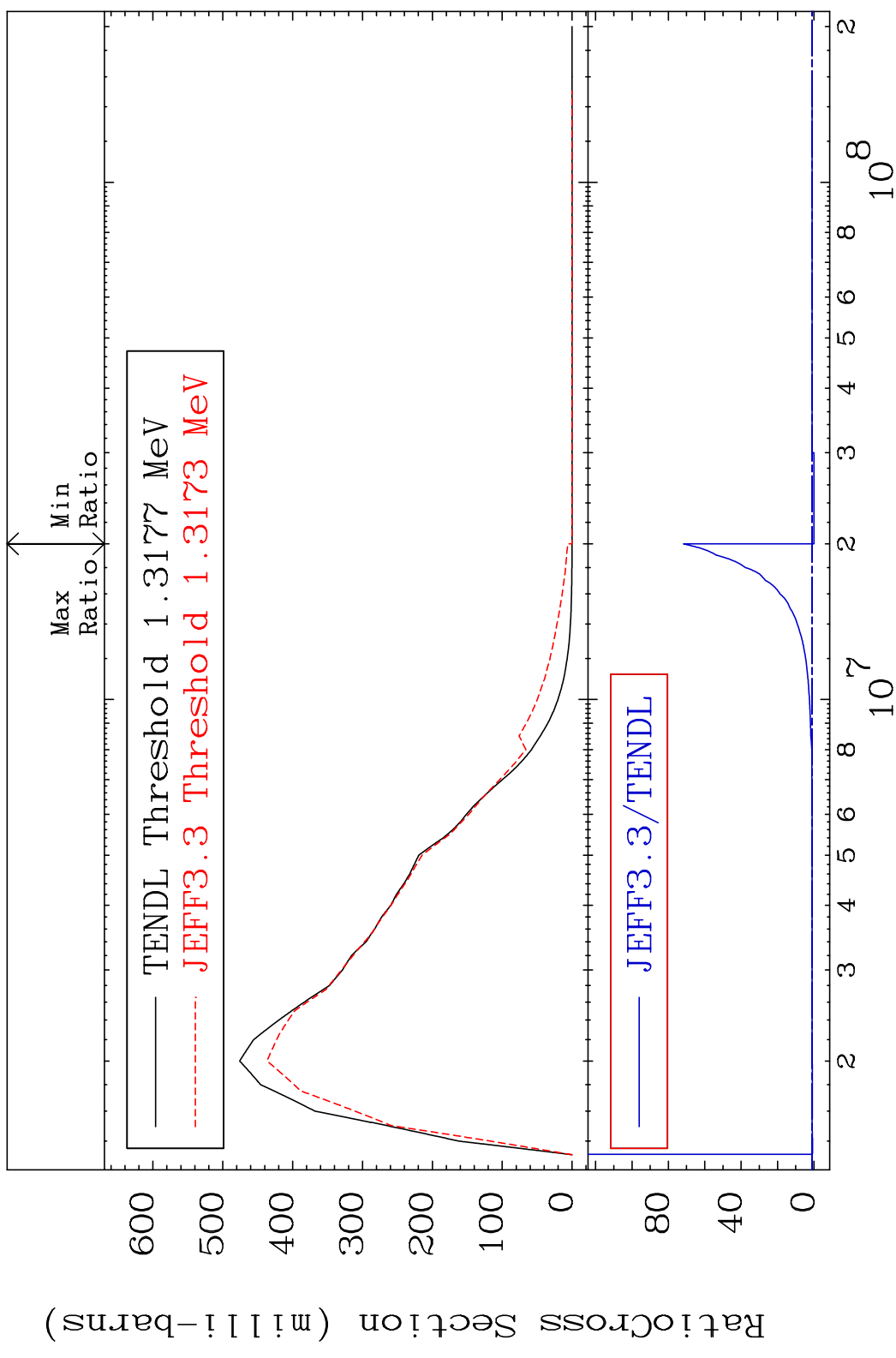


MAT 1428 (n, n') p 14-Si-29  
 Cross Section -100.0 To 9999. %



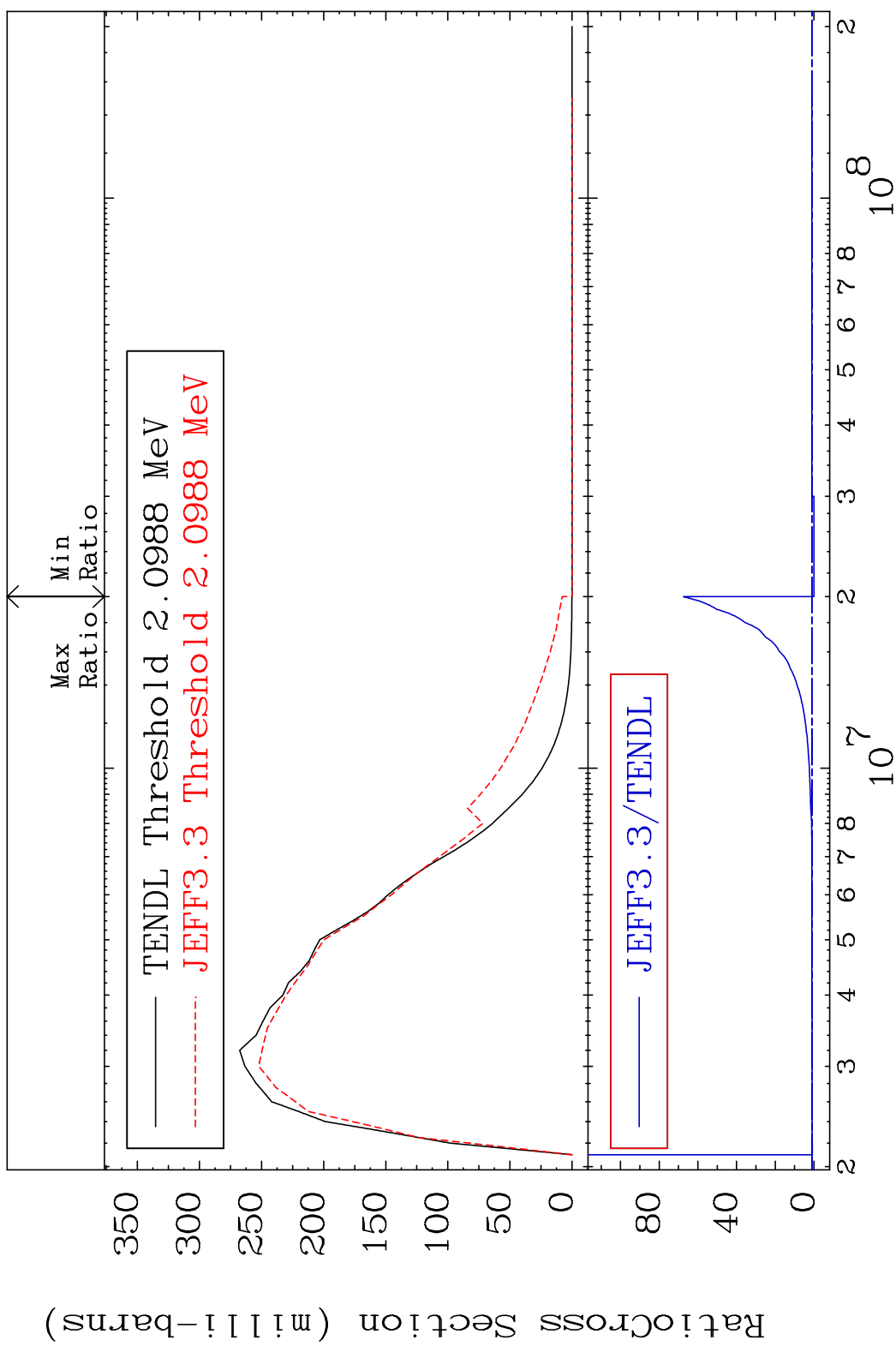


MAT 1428 MT= 51 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 7070. %

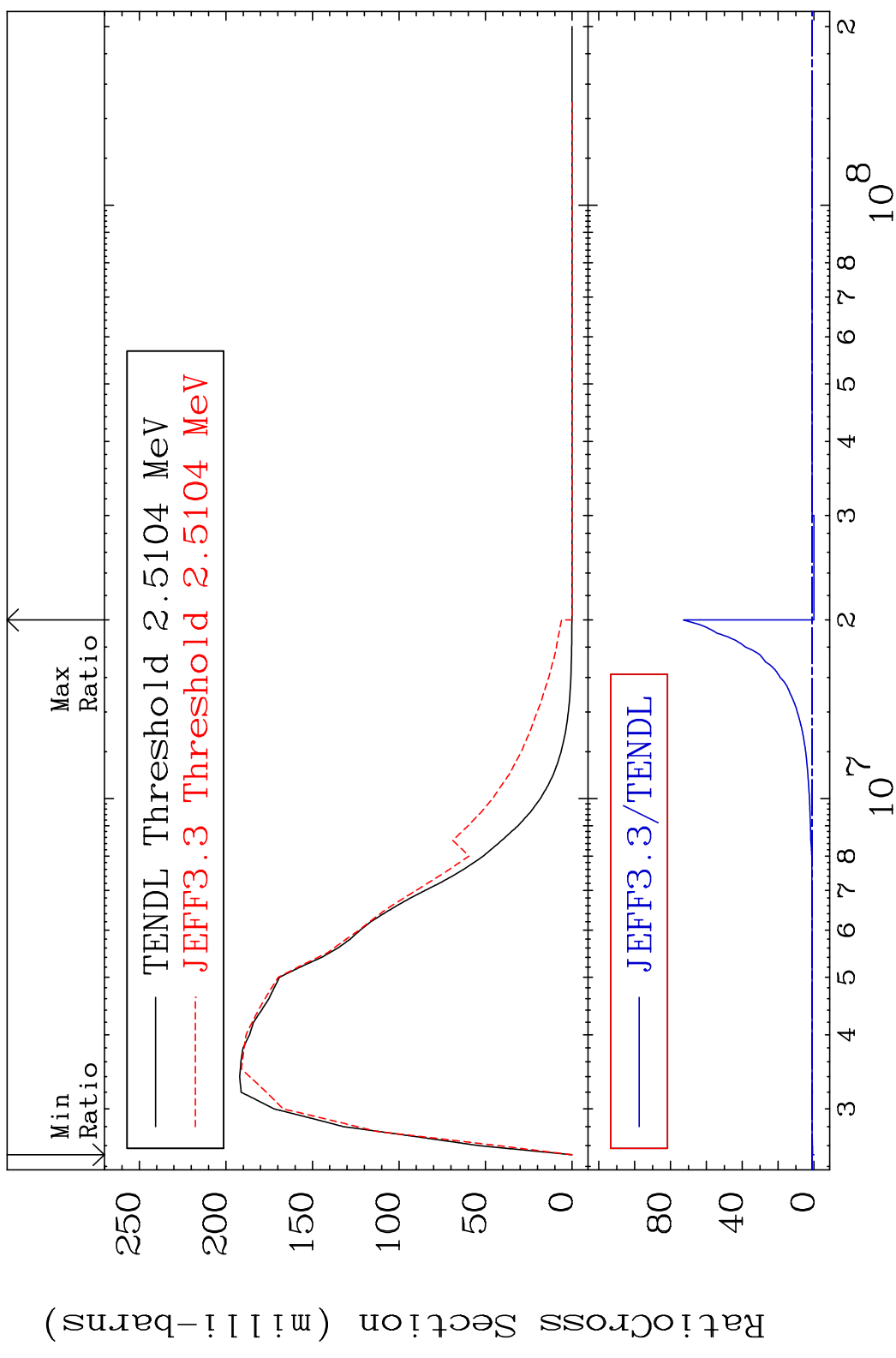


8 14-Si-29

MAT 1428 MT= 52 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6646. %

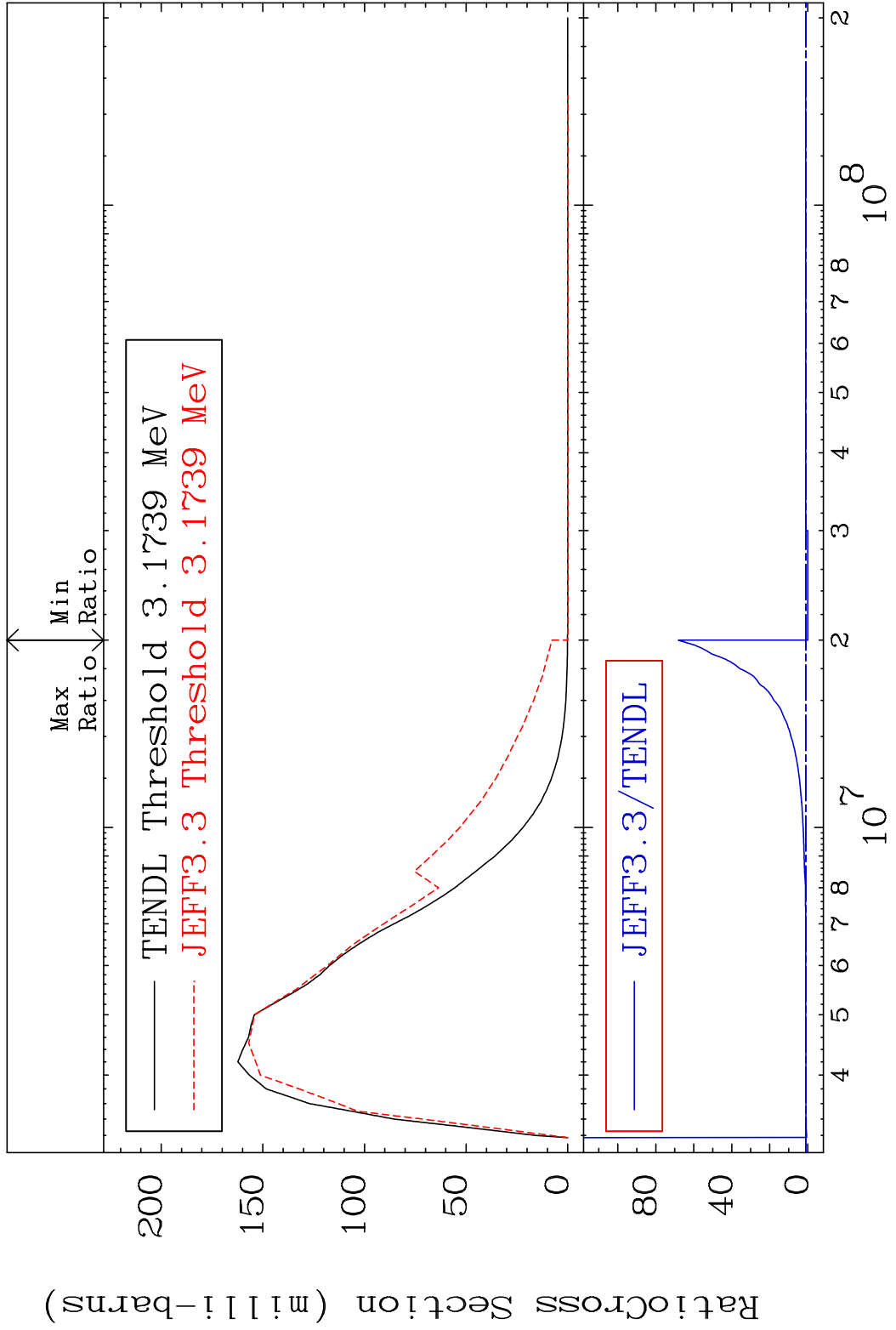


MAT 1428 MT= 53 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 7178. %



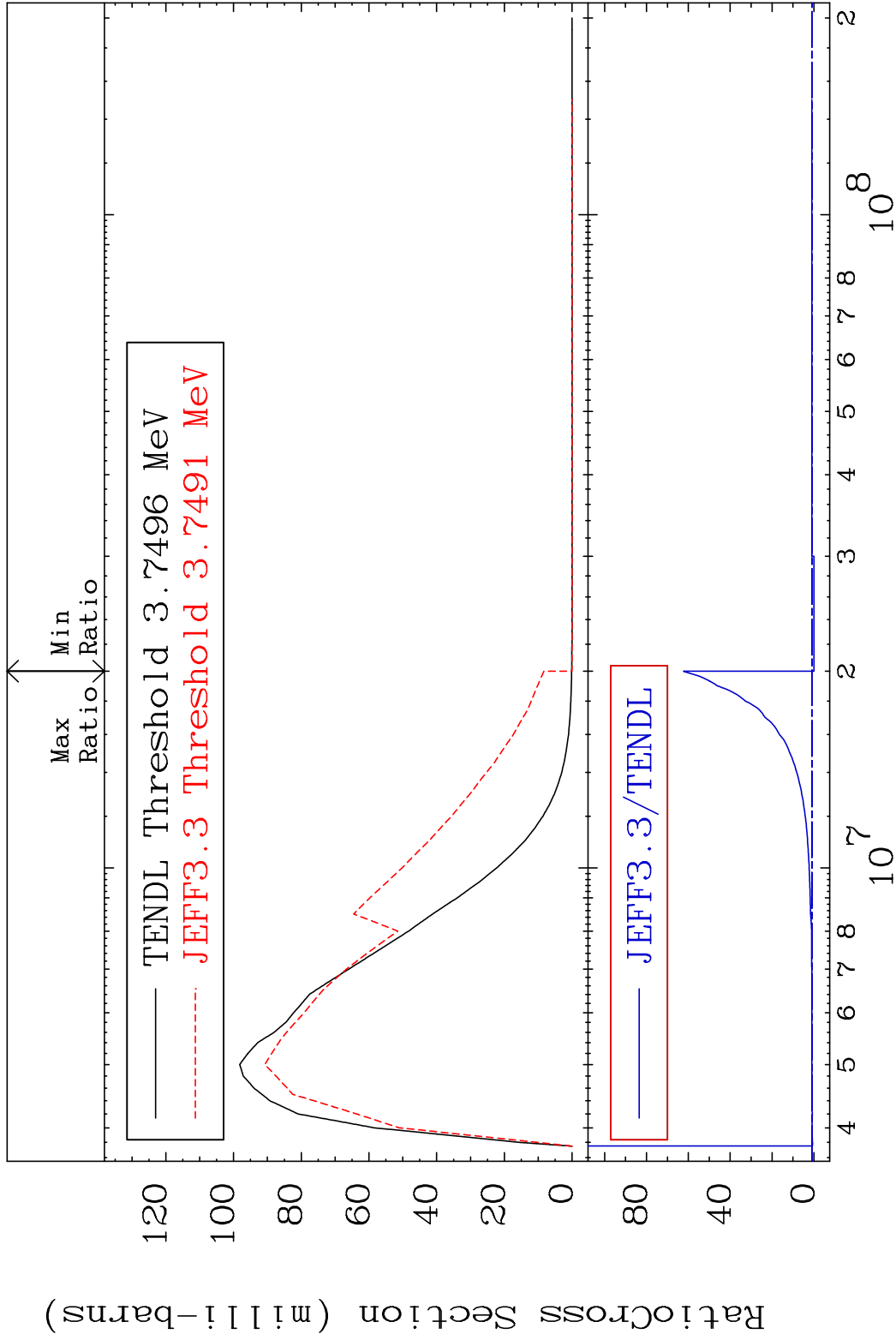
10 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 54 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6715. %



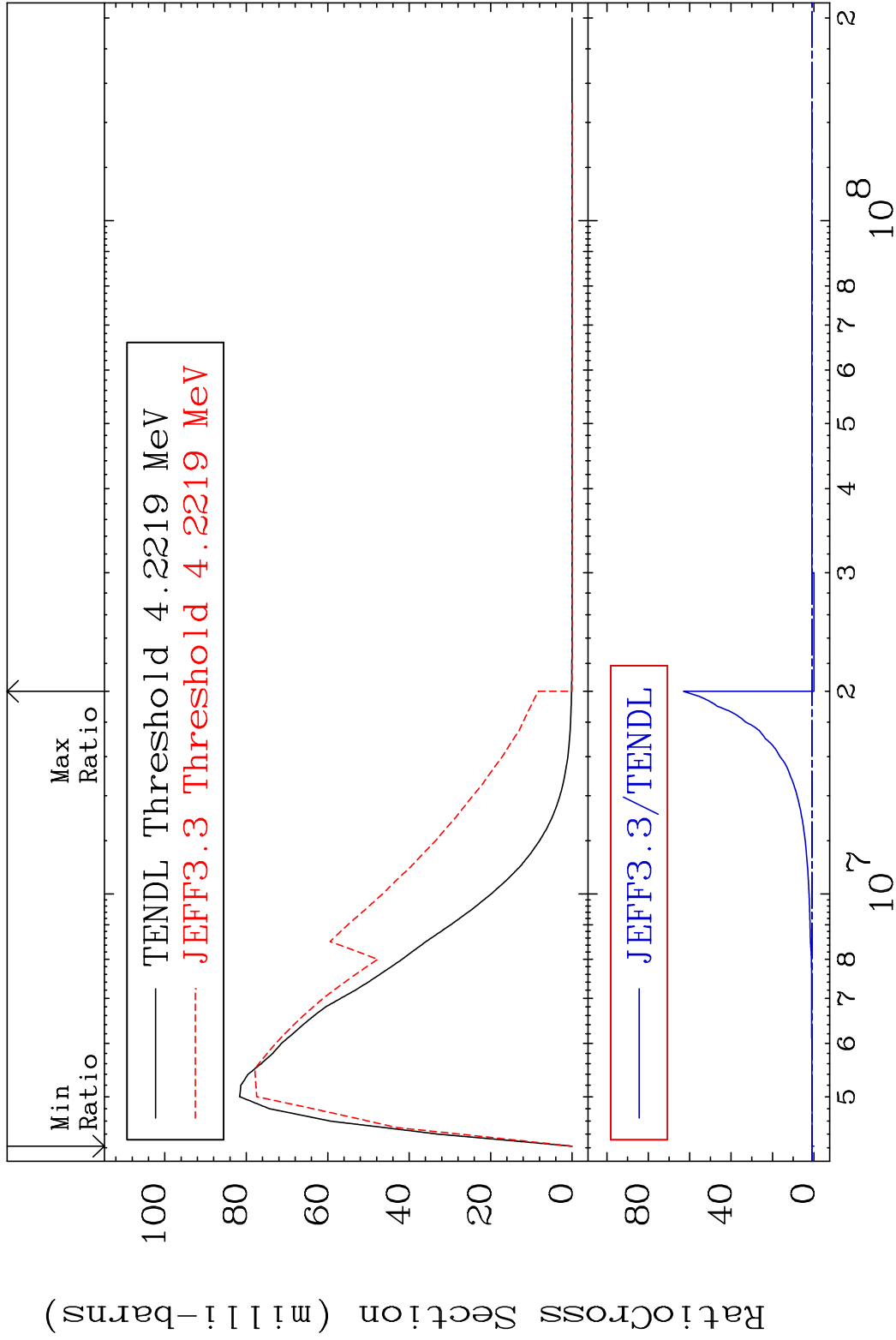
11 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 55 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6133. %



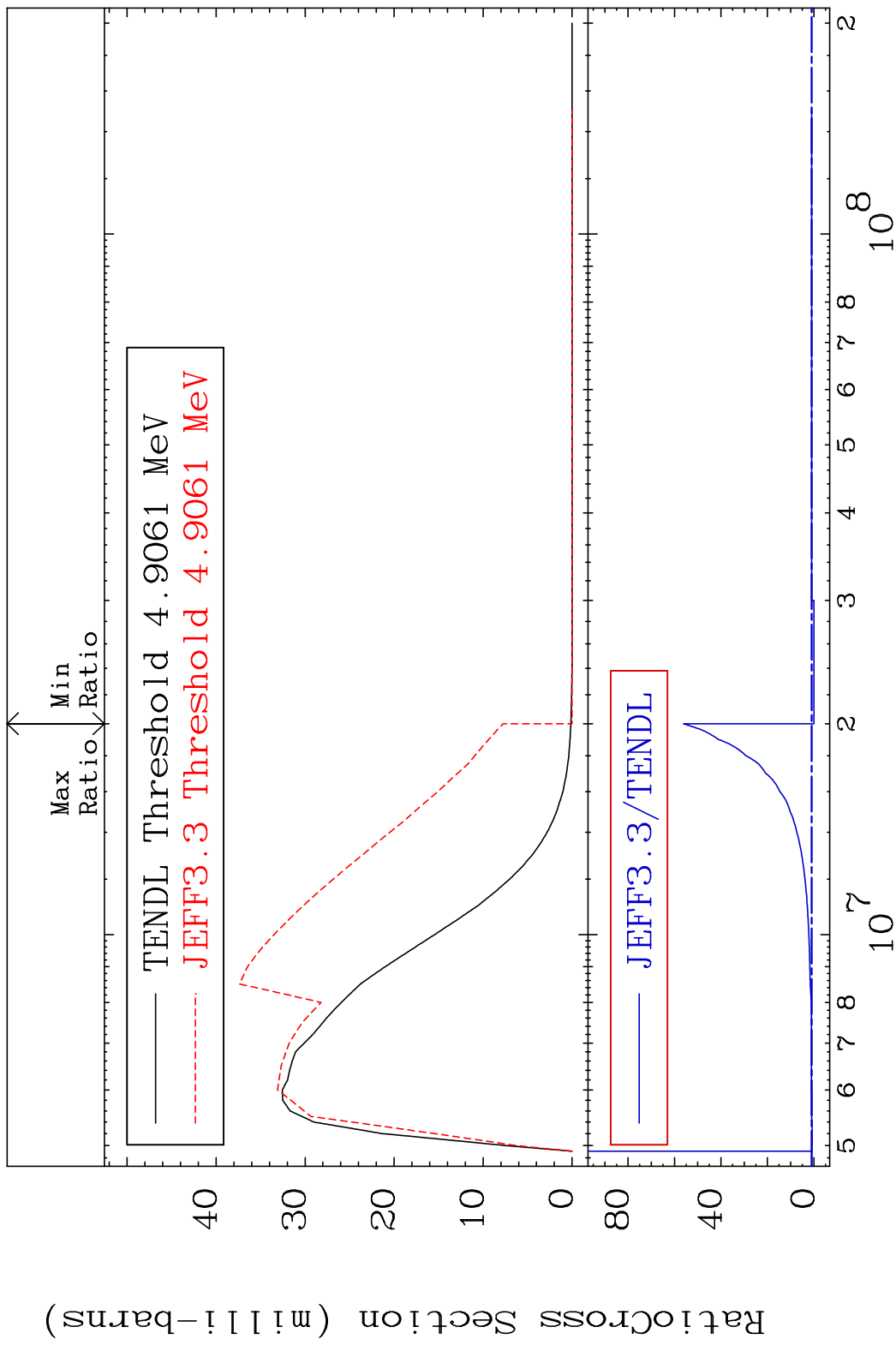
12 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 56 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6202. %



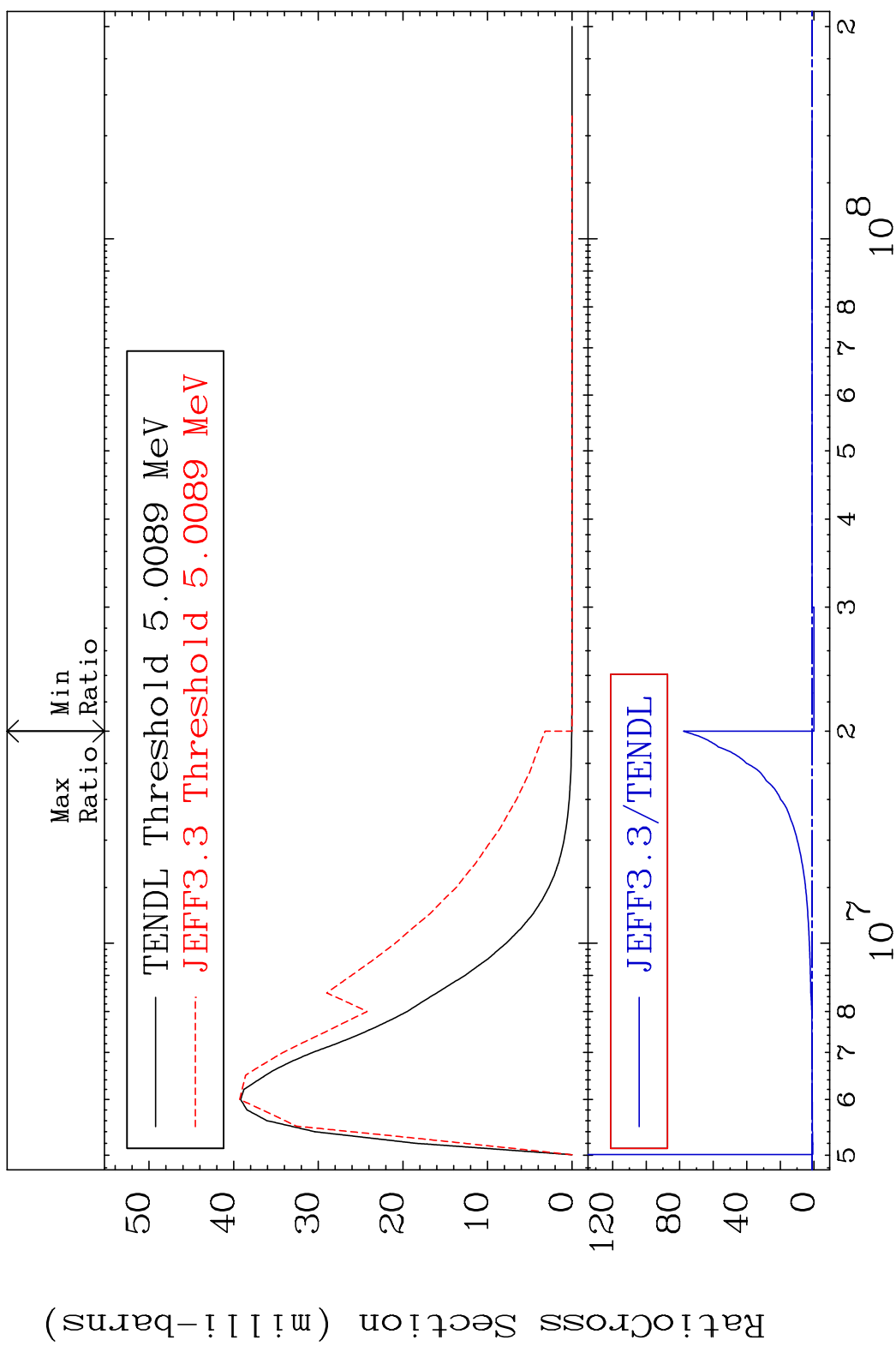
13 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 57 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 5515. %



14 14-Si-29

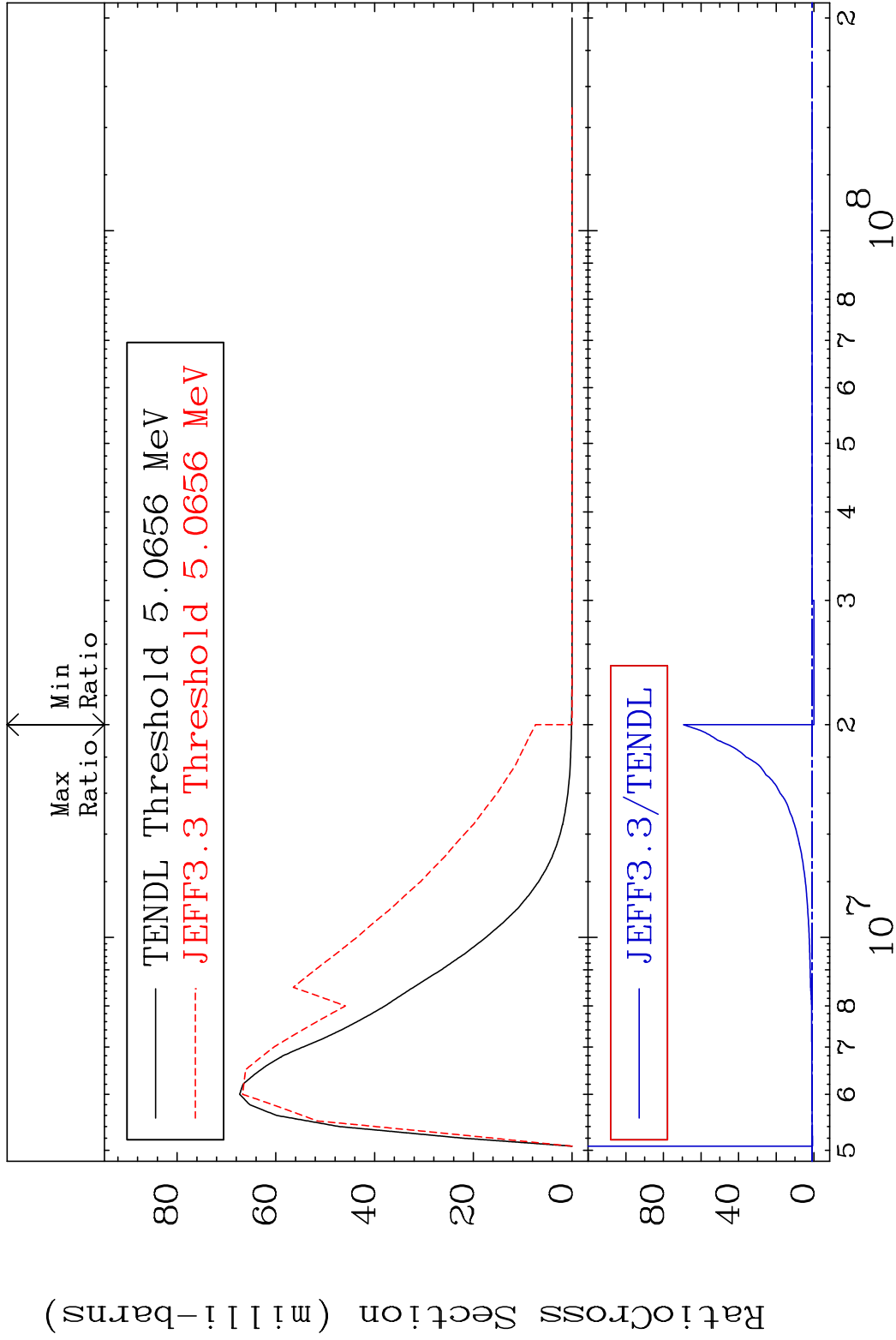
MAT 1428 MT= 58 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 7676. %



15 Incident Energy (eV) 14-Si-29

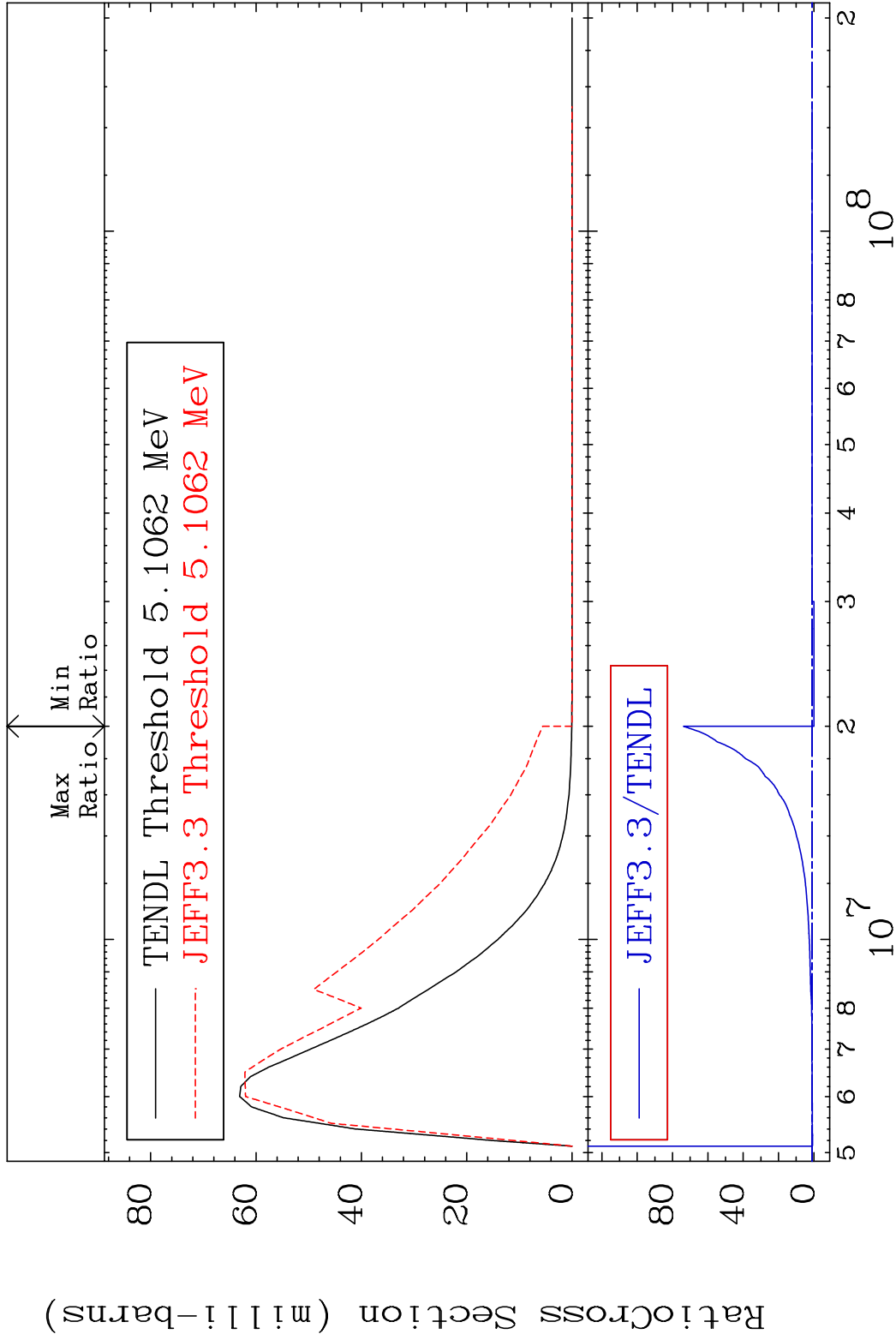


MAT 1428 MT= 59 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6835. %



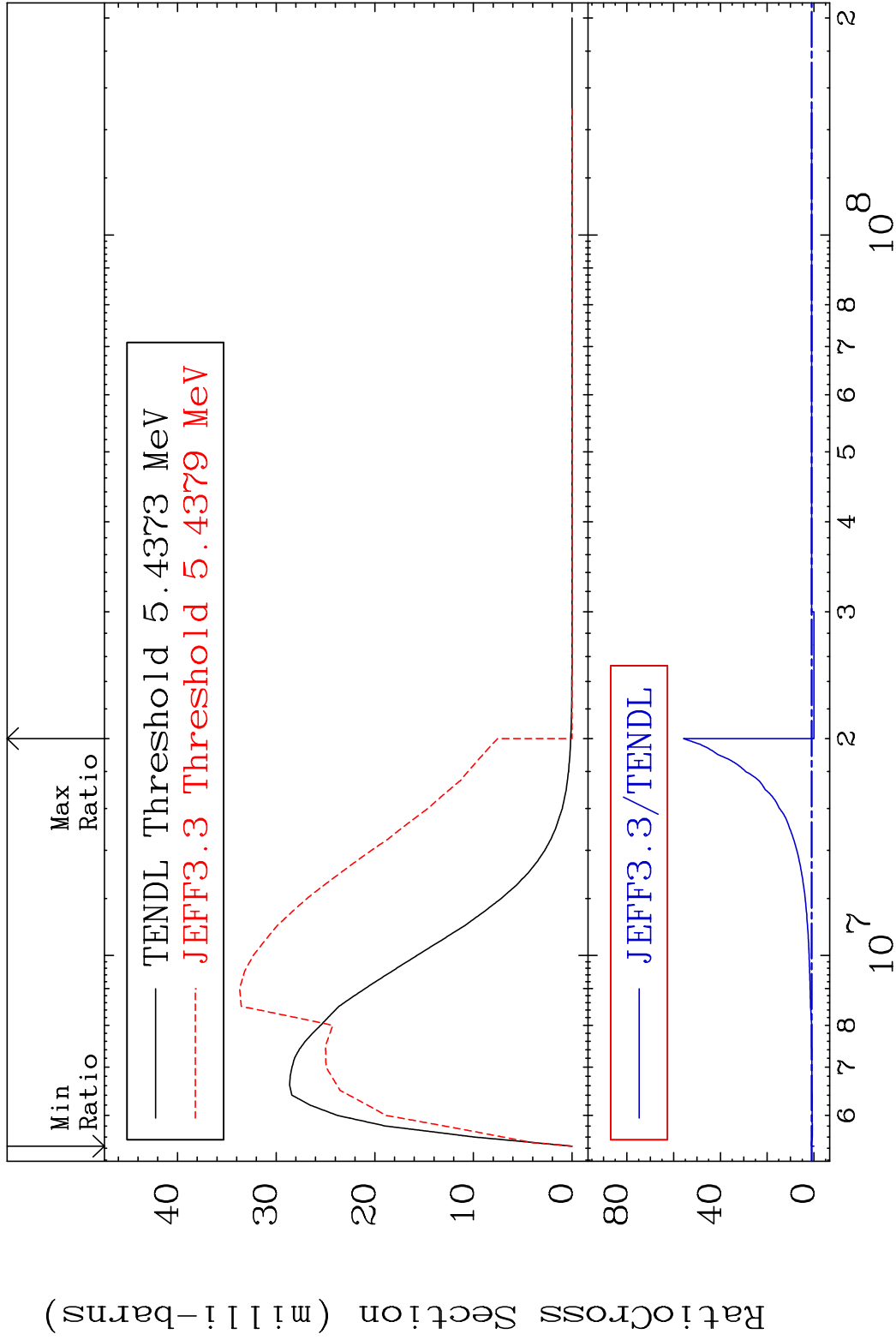
16 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 60 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 7281. %



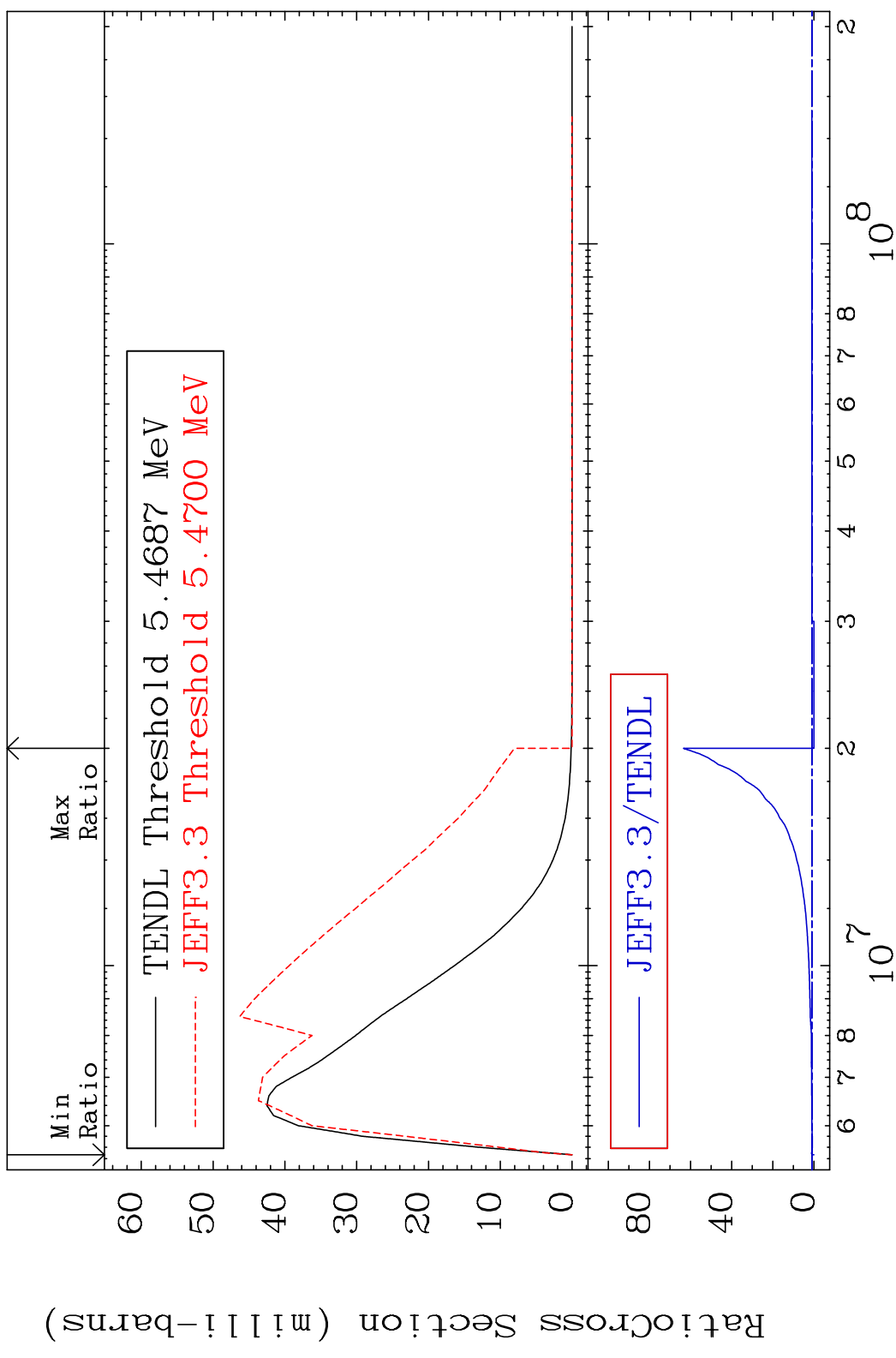
17 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 61 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 5482. %



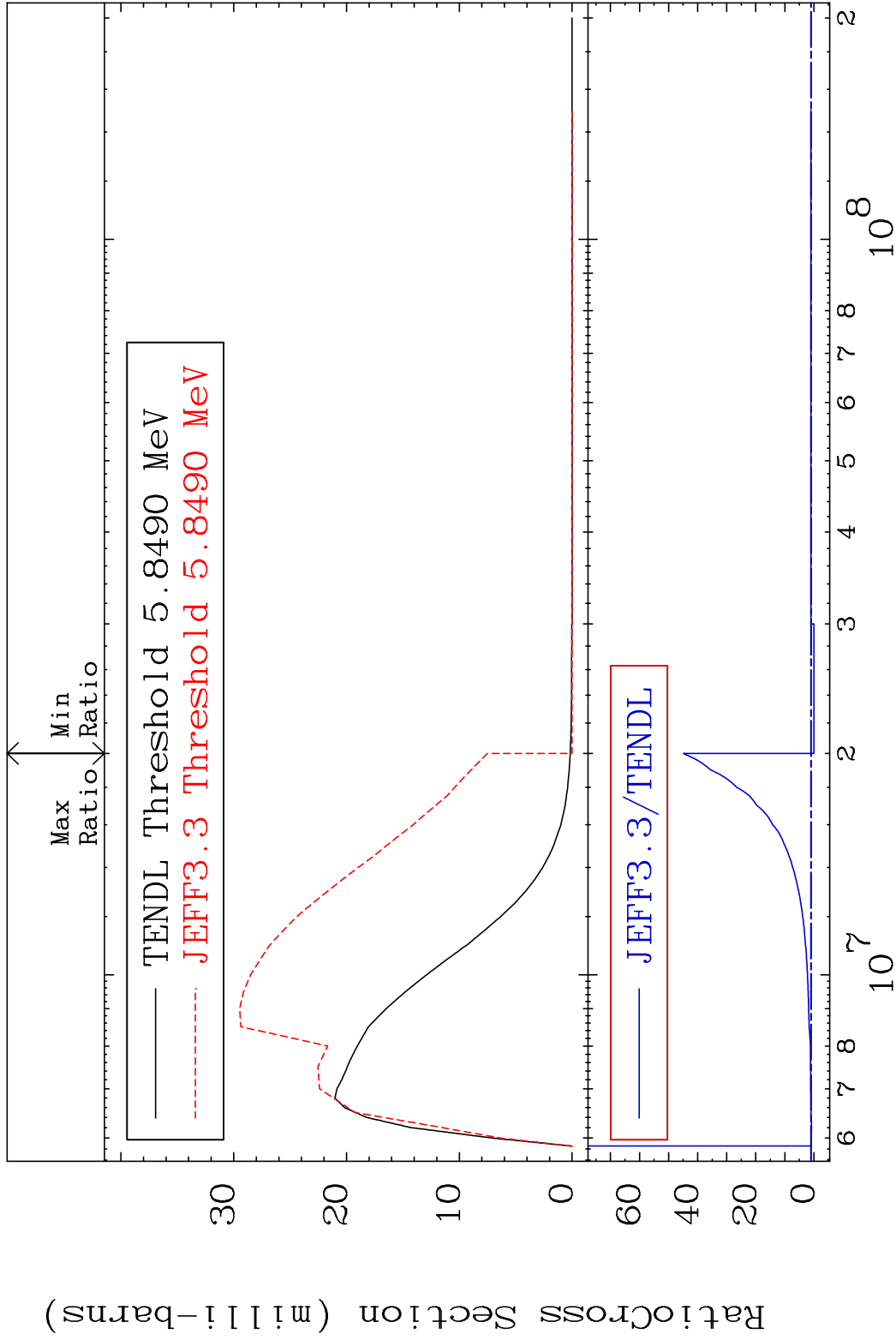
18 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 62 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6249. %



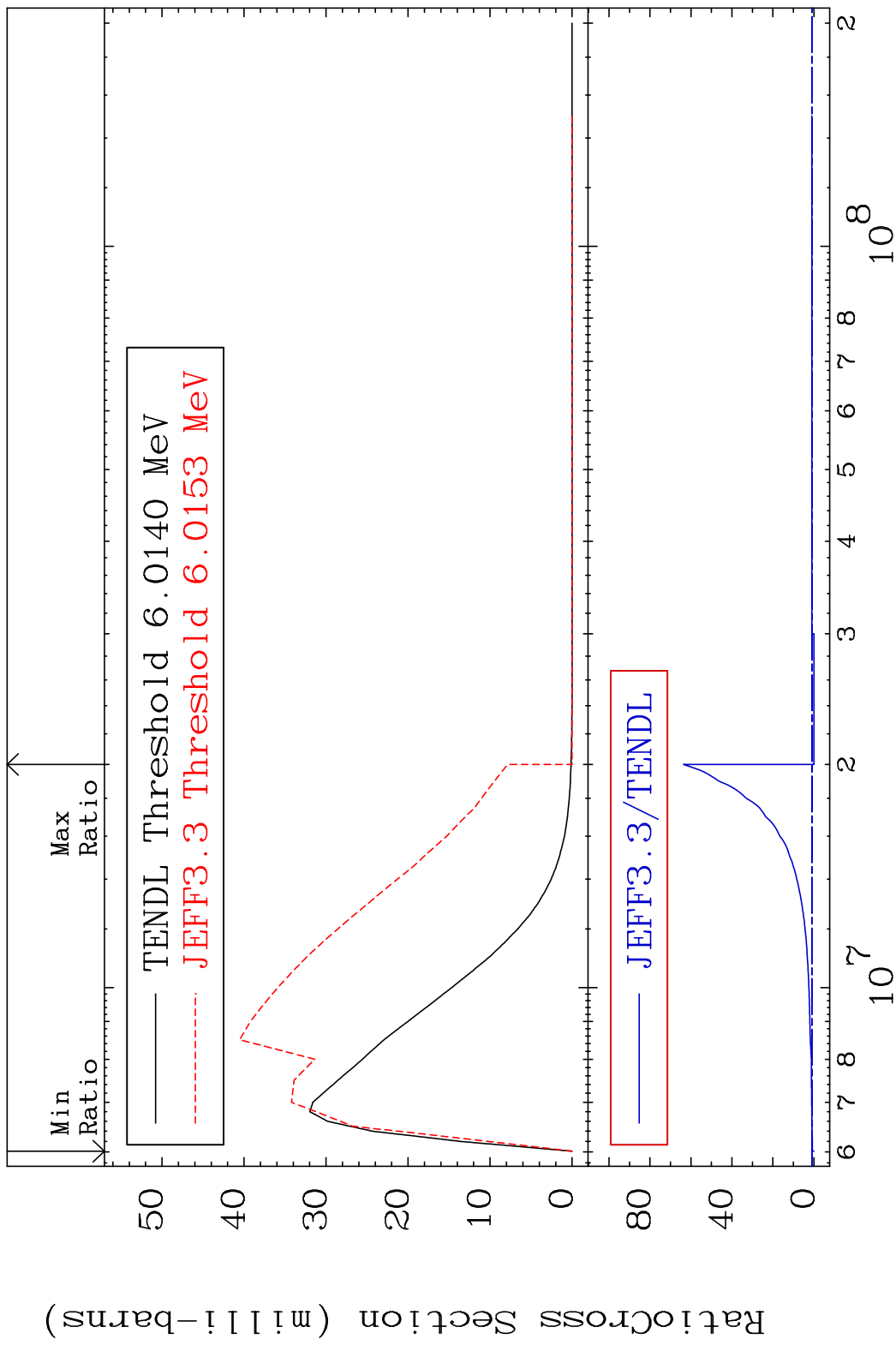
19 14-Si-29

MAT 1428 MT= 63 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 4388. %



20 14-Si-29

MAT 1428 MT= 64 (n, n') Level 14-Si-29  
 Cross Section -100.0 To 6266. %



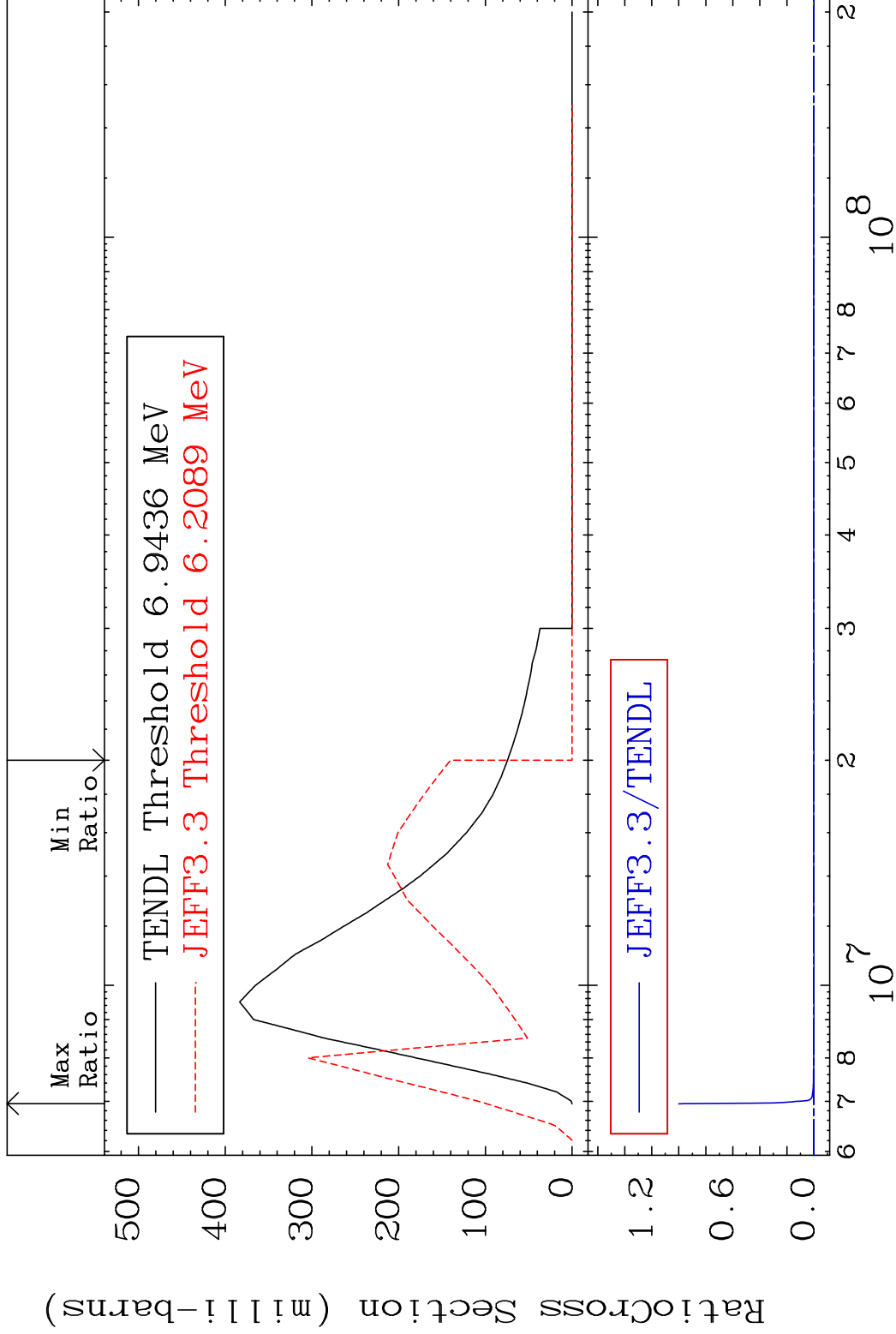
21 14-Si-29

MAT 1428

(n, n') Continuum

14-Si-29

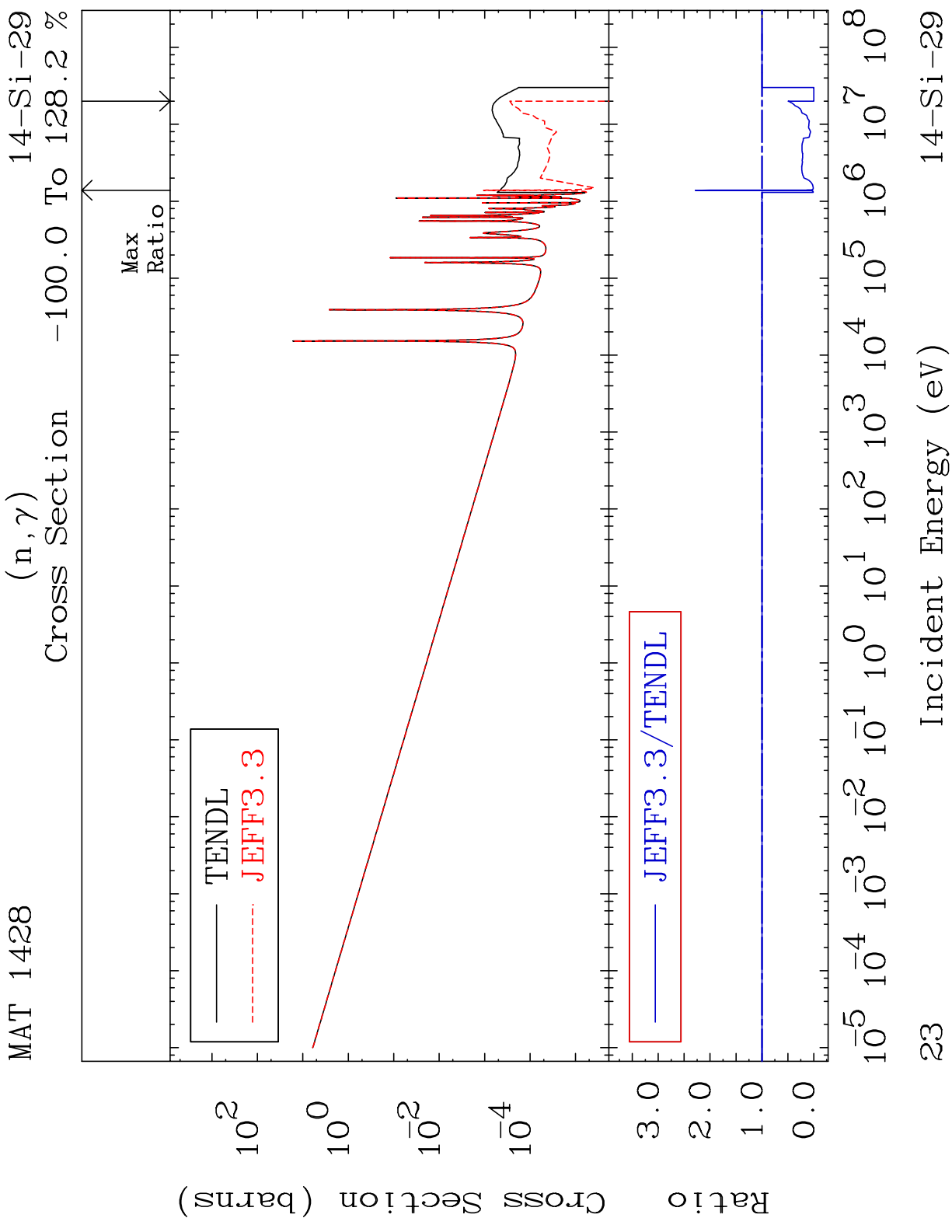
Cross Section -100.0 To 9999. %



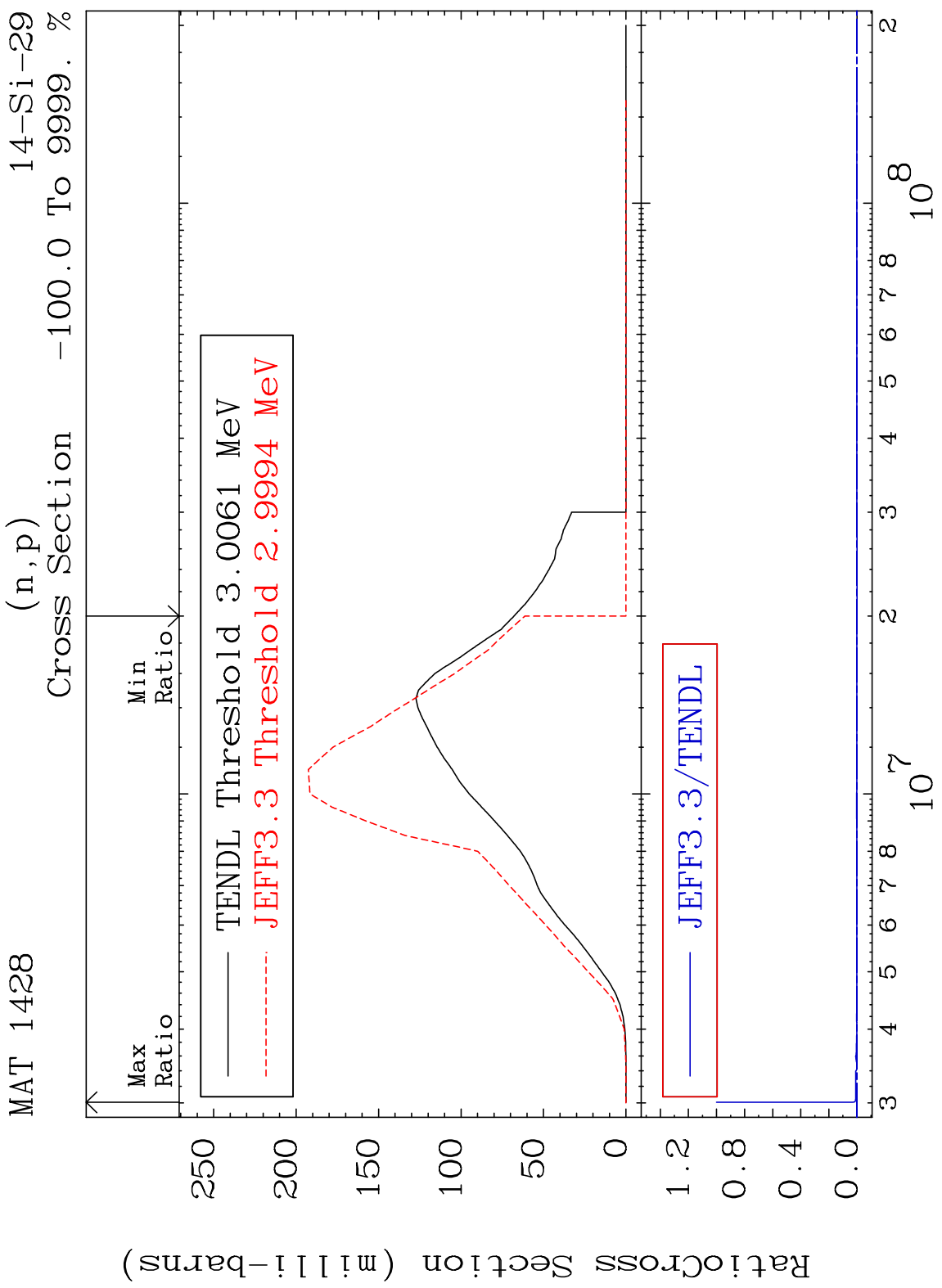
22

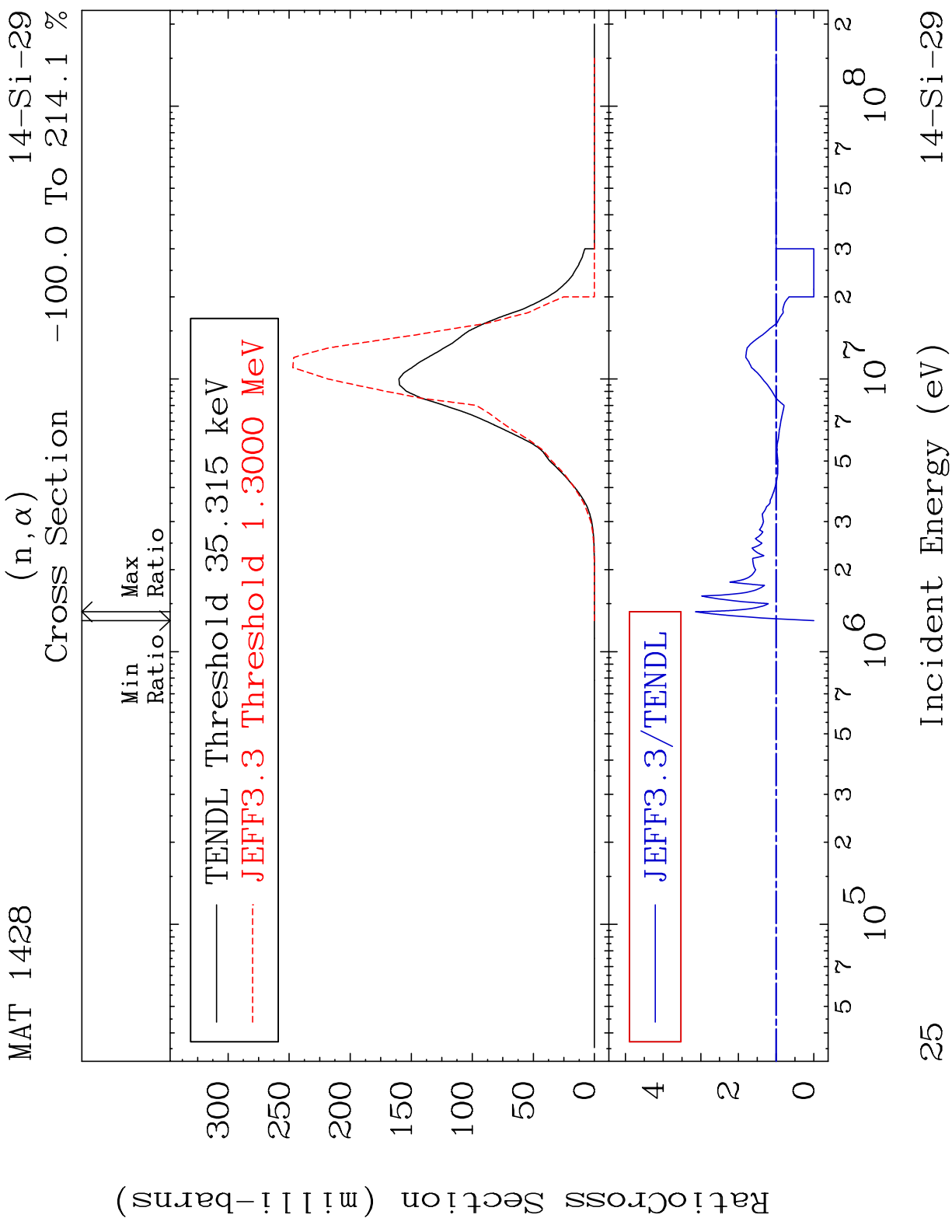
Incident Energy (eV)

14-Si-29

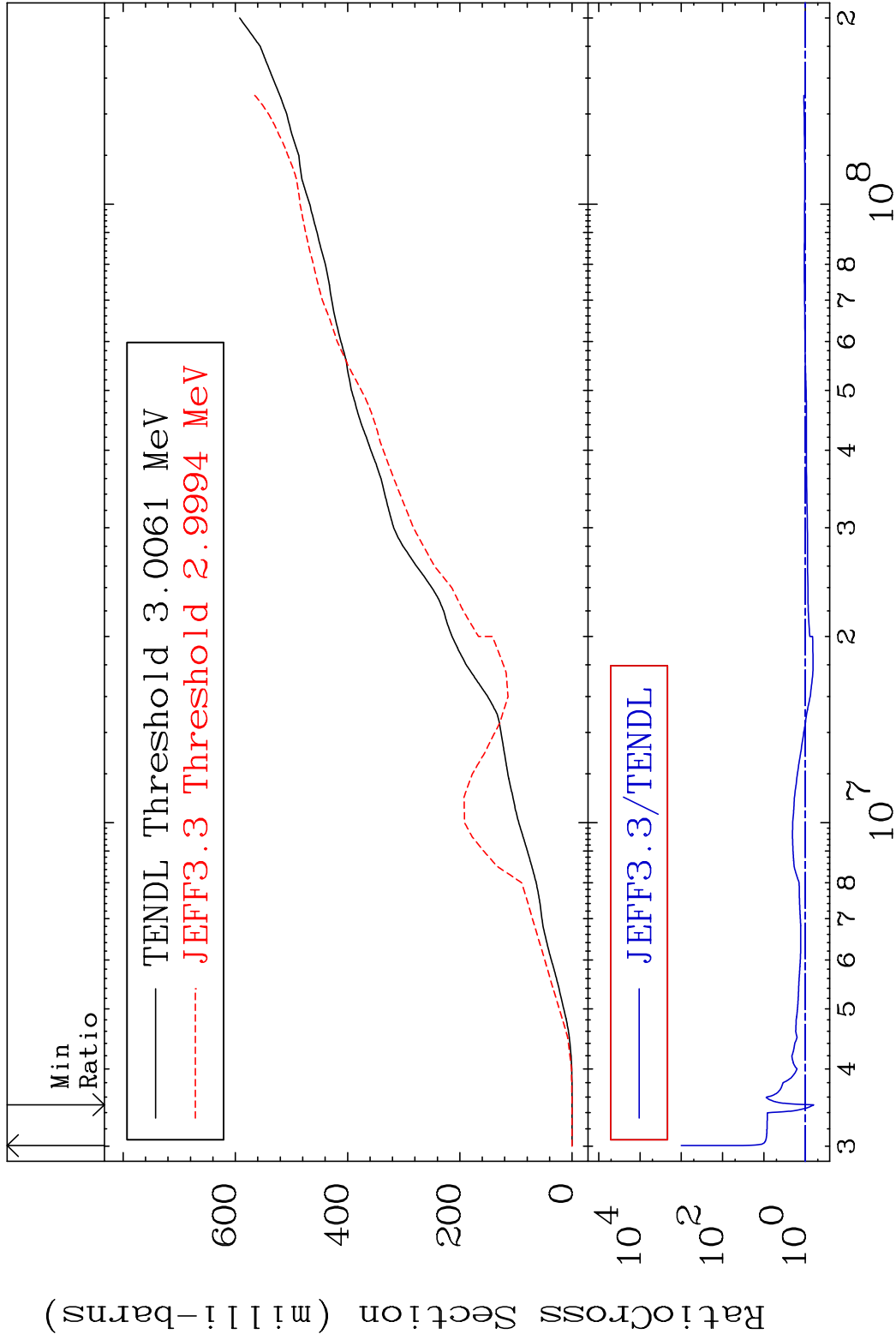






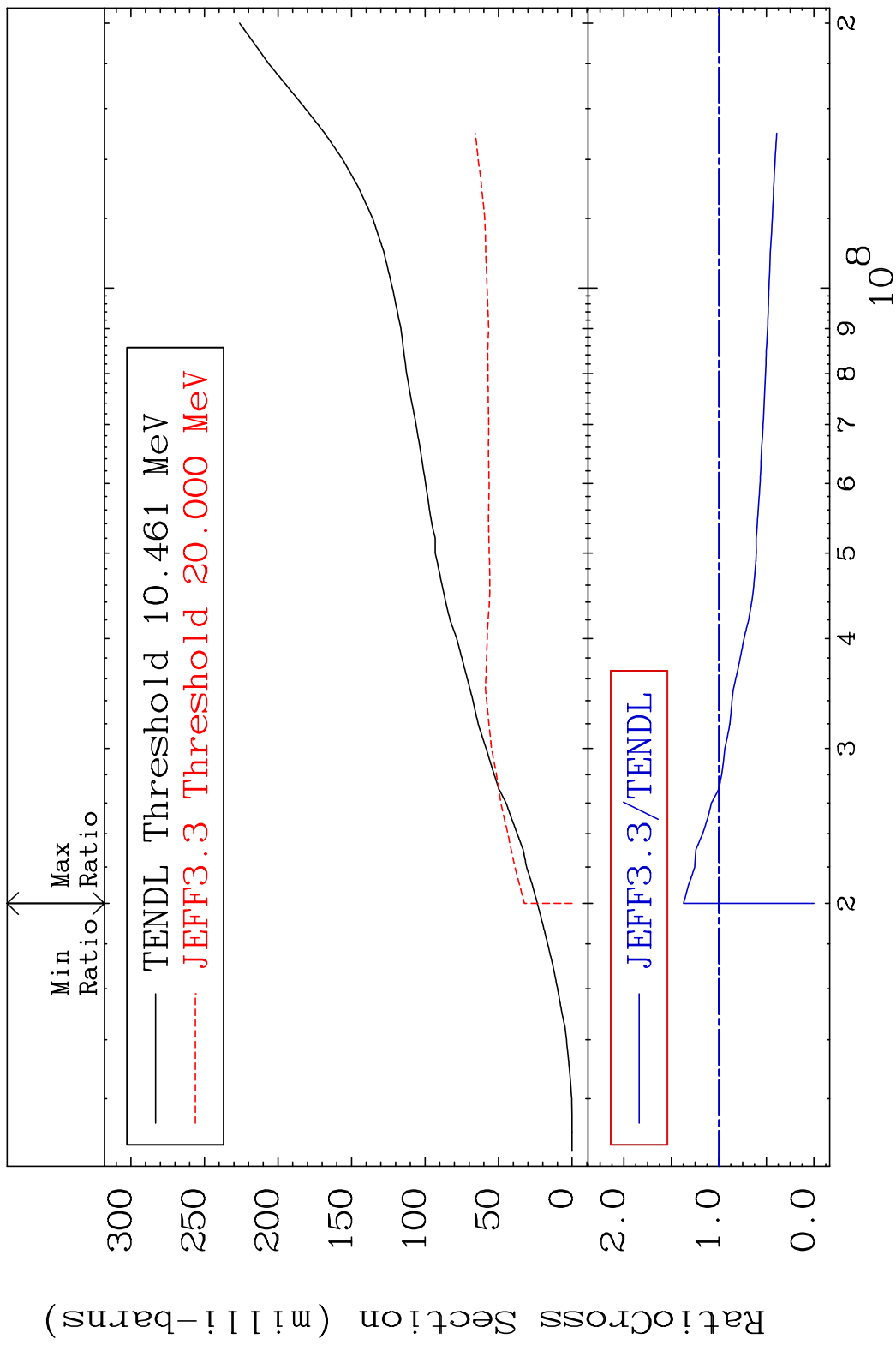


MAT 1428 Hydrogen Production 14-Si-29  
 Cross Section -38.14 To 9999. %

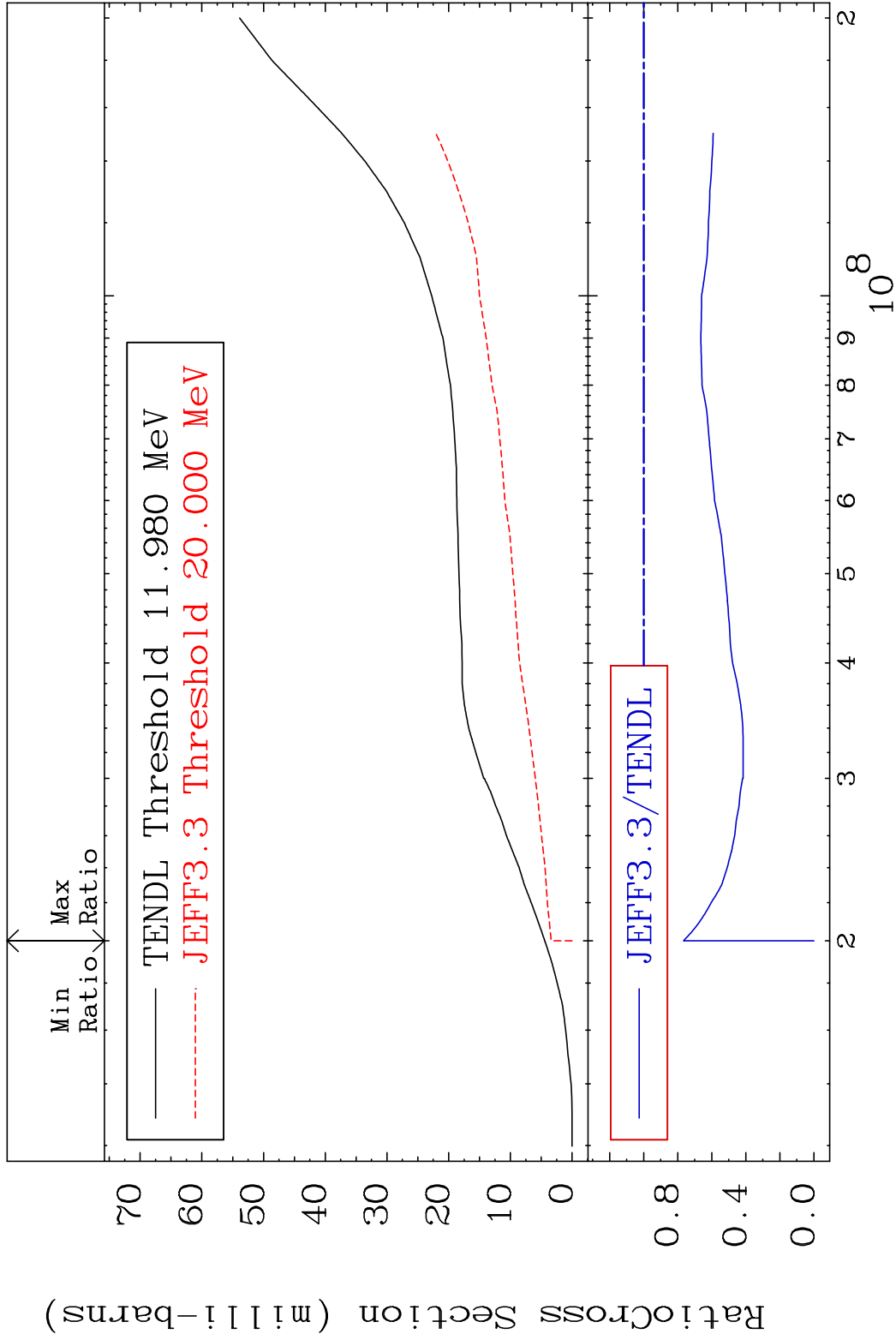


26 Incident Energy (eV) 14-Si-29

MAT 1428 Deuterium Production 14-Si-29  
 Cross Section -100.0 To 37.30 %



MAT 1428 Tritium Production 14-Si-29  
 Cross Section -100.0 To -23.36%

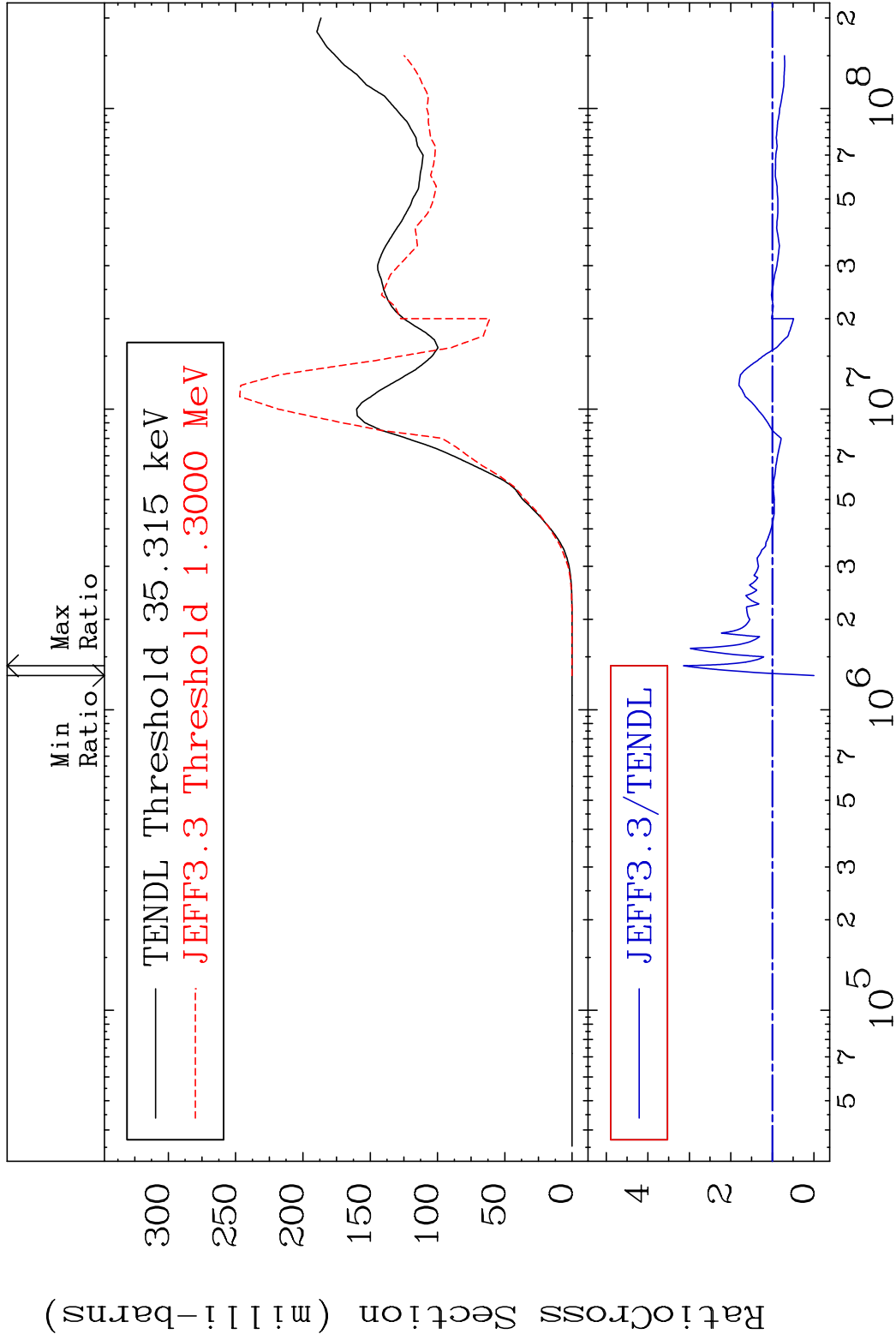


MAT 1428

He-4 Production

14-Si-29

Cross Section -100.0 To 214.1 %

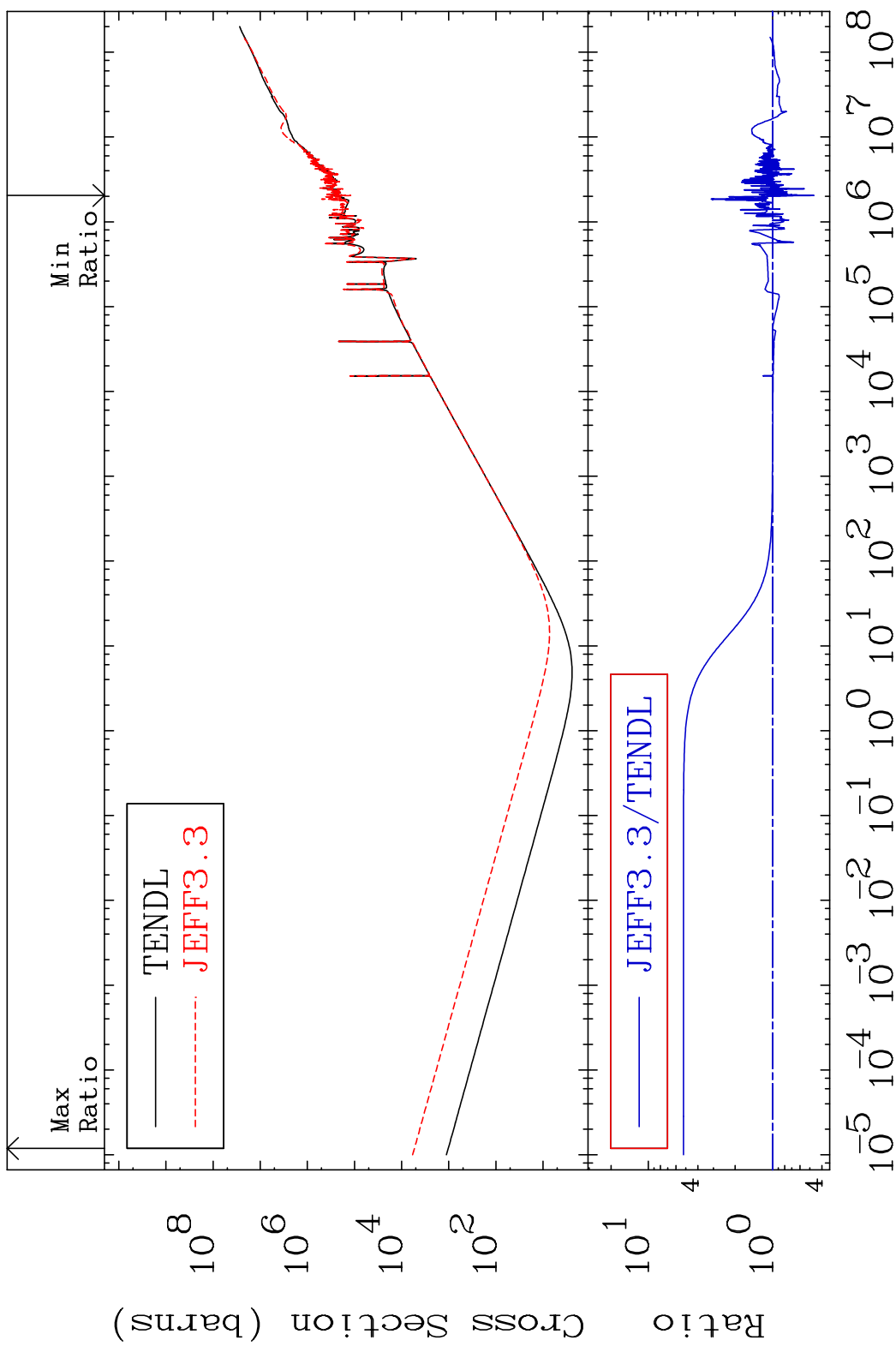


29

14-Si-29

14-Si-29

MAT 1428 Kerma total (eV-barns) 14-Si-29  
Cross Section -53.54 To 422.0 %

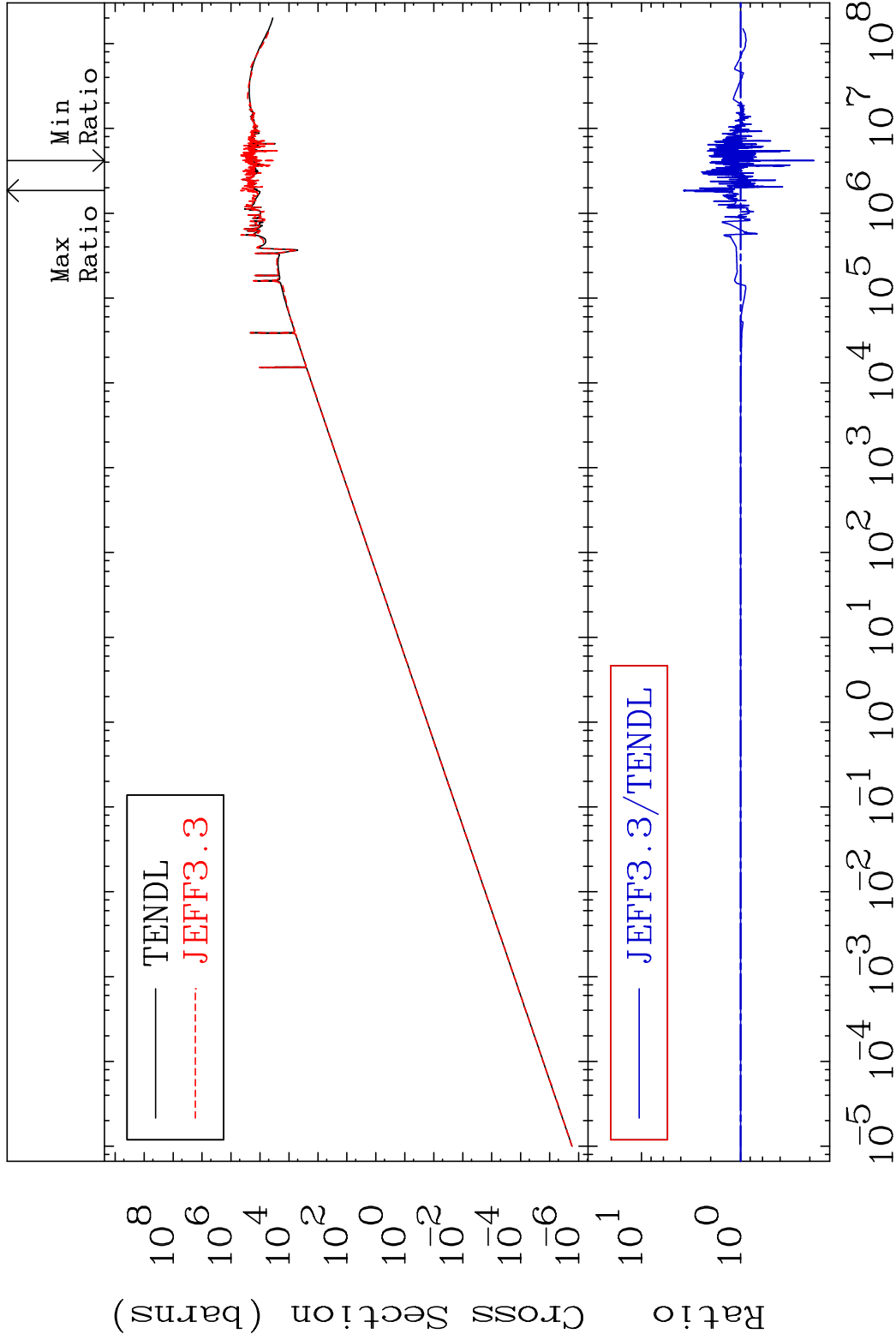


30 Incident Energy (eV) 14-Si-29

MAT 1428

Kerma elastic  
Cross Section

14-Si-29  
-81.78 To 276.6 %



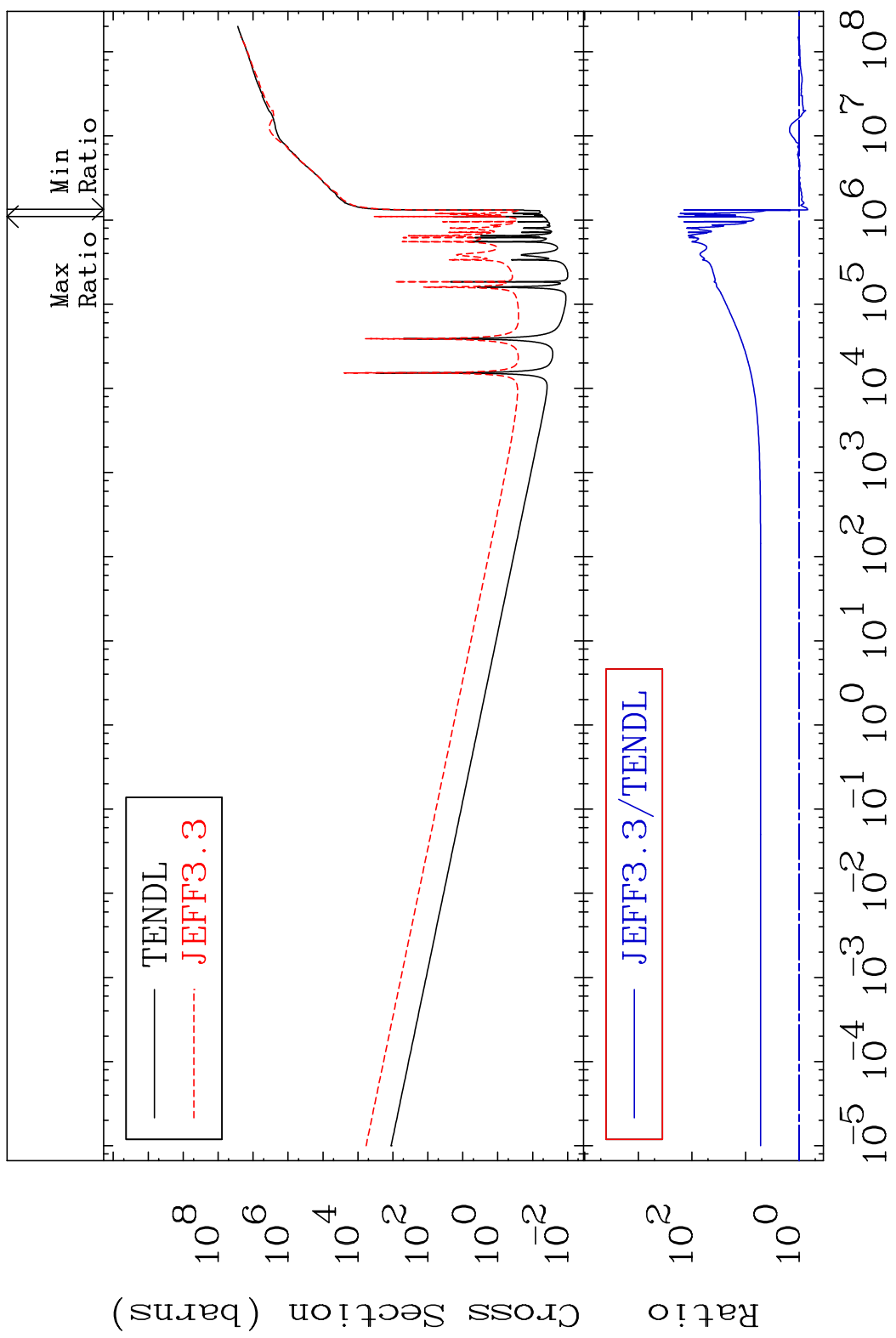
31

Incident Energy (eV)

14-Si-29

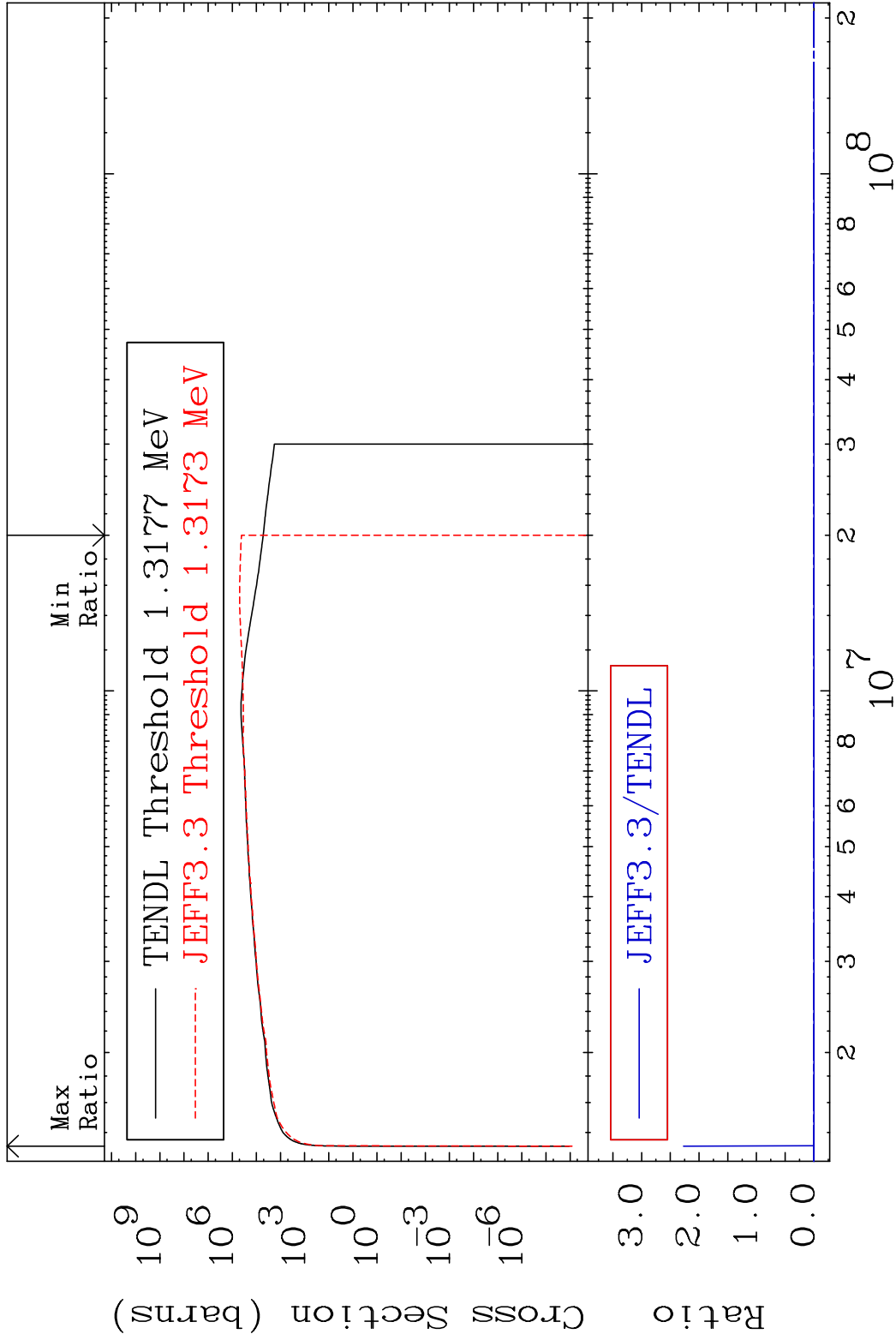


MAT 1428 Kerma non-elastic (all but mt2) 14-Si-29  
 Cross Section -30.71 To 9999. %

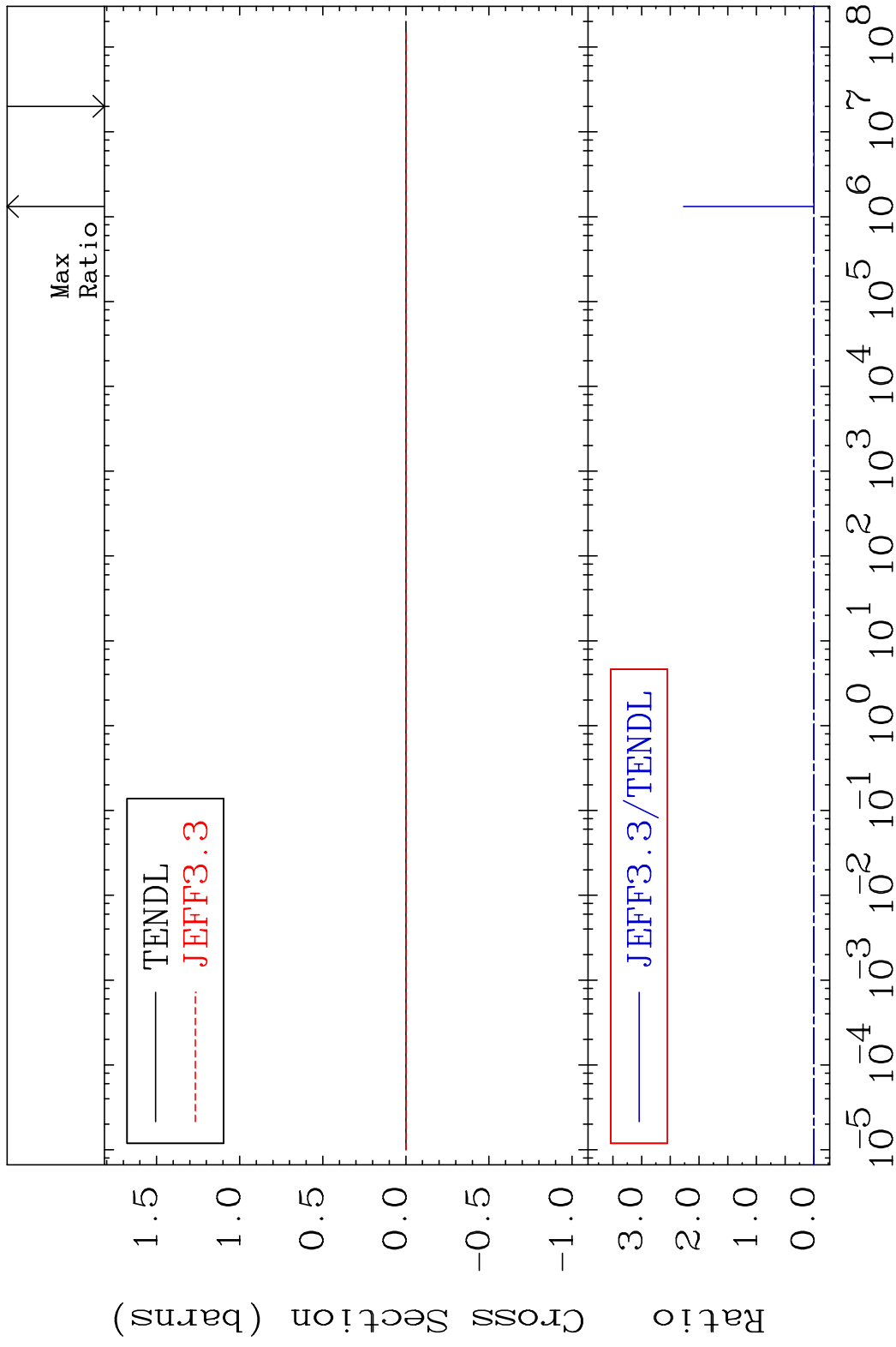


32 Incident Energy (eV) 14-Si-29

MAT 1428 Kerma inelastic (mt51-91) 14-Si-29  
 Cross Section -100.0 To 9999. %



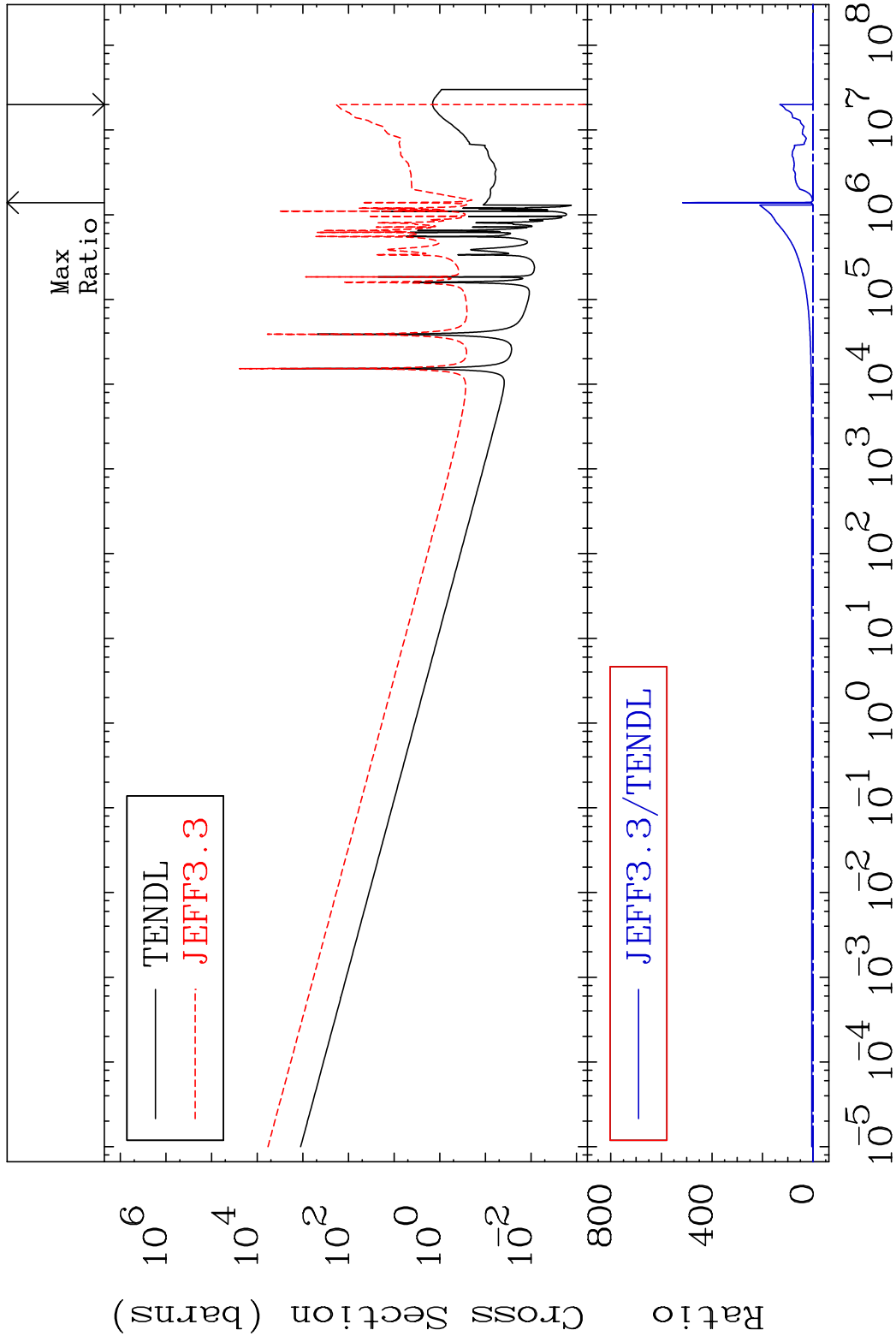
MAT 1428 Kerma fission (mt18 or mt19-20-21-38) 14-Si-29  
 Cross Section -100.0 To 9999. %



MAT 1428

Kerma capture (mt102) 14-Si-29

Cross Section -100.0 To 9999. %

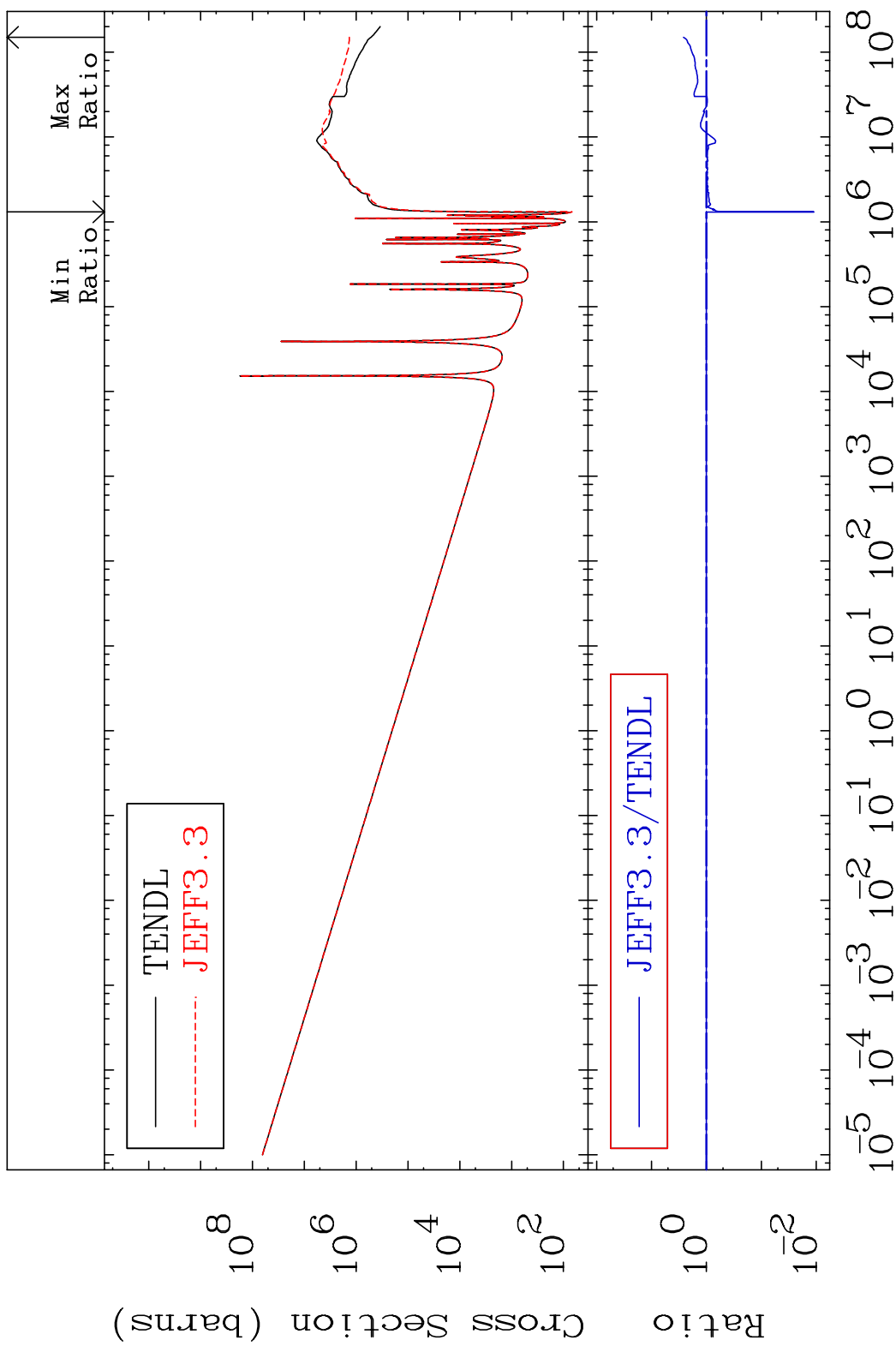


35

Incident Energy (eV)

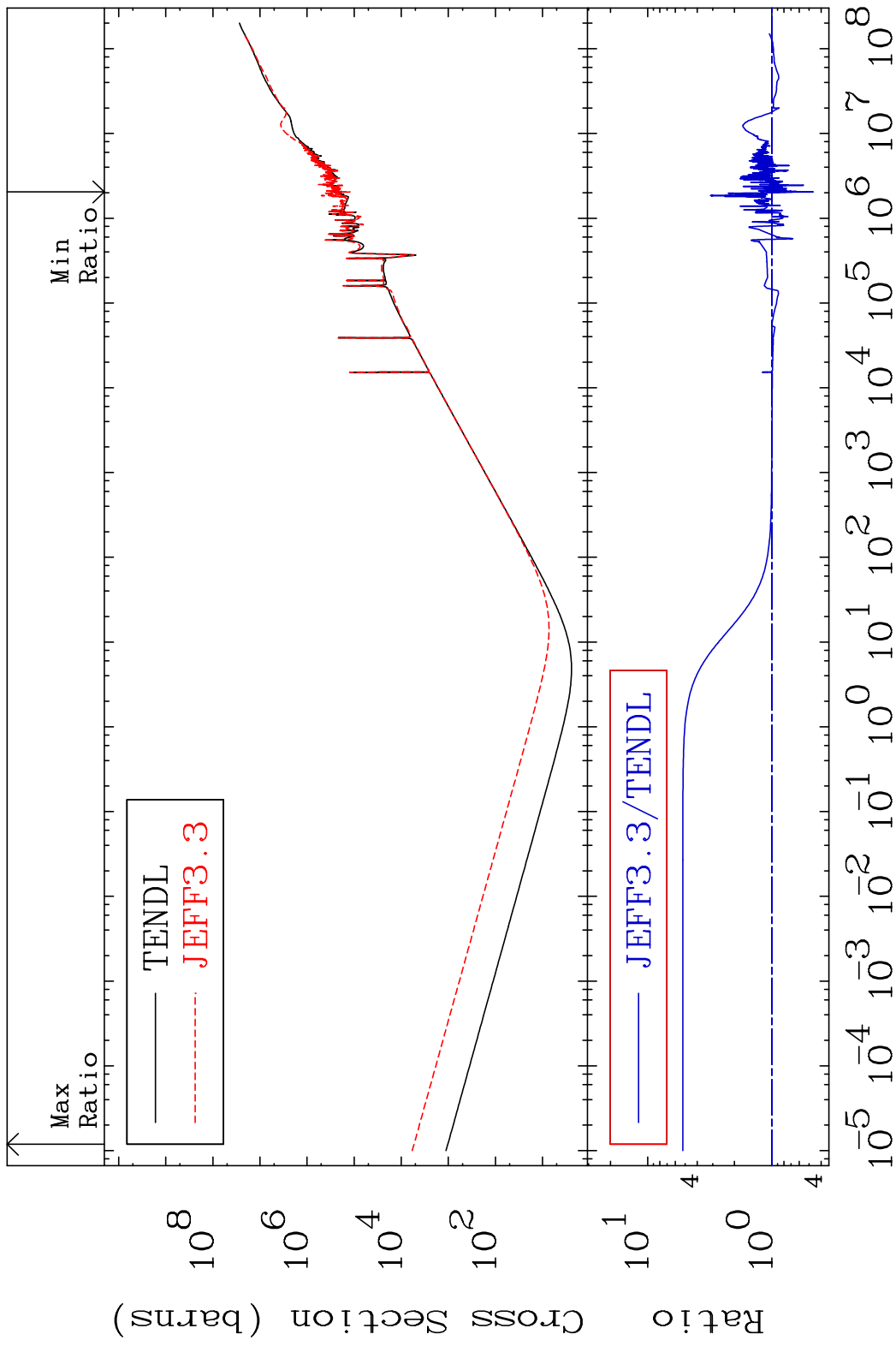
14-Si-29

MAT 1428 Total photon (eV-barns) 14-Si-29  
 Cross Section -98.90 To 161.9 %

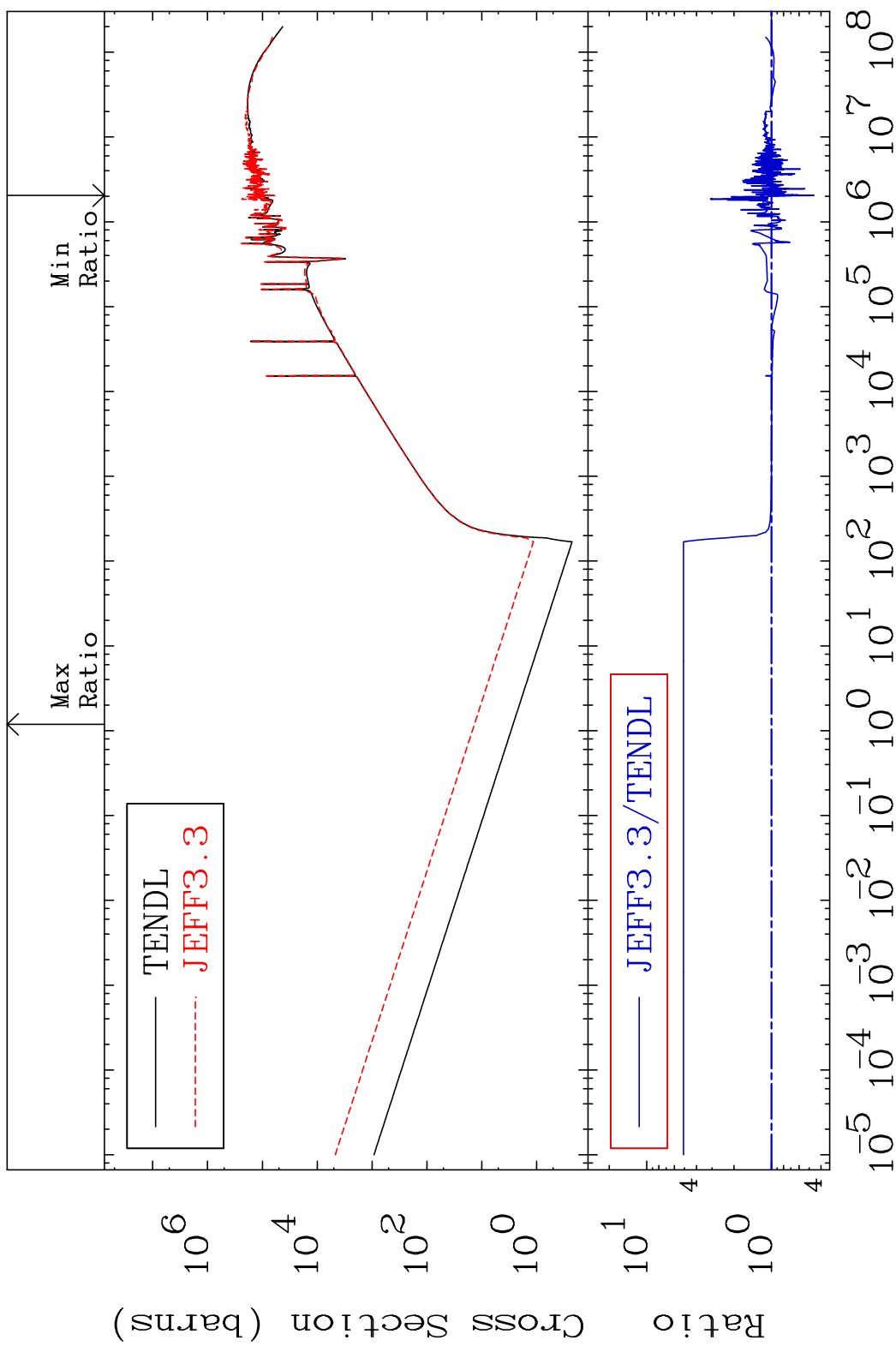


36 Incident Energy (eV) 14-Si-29

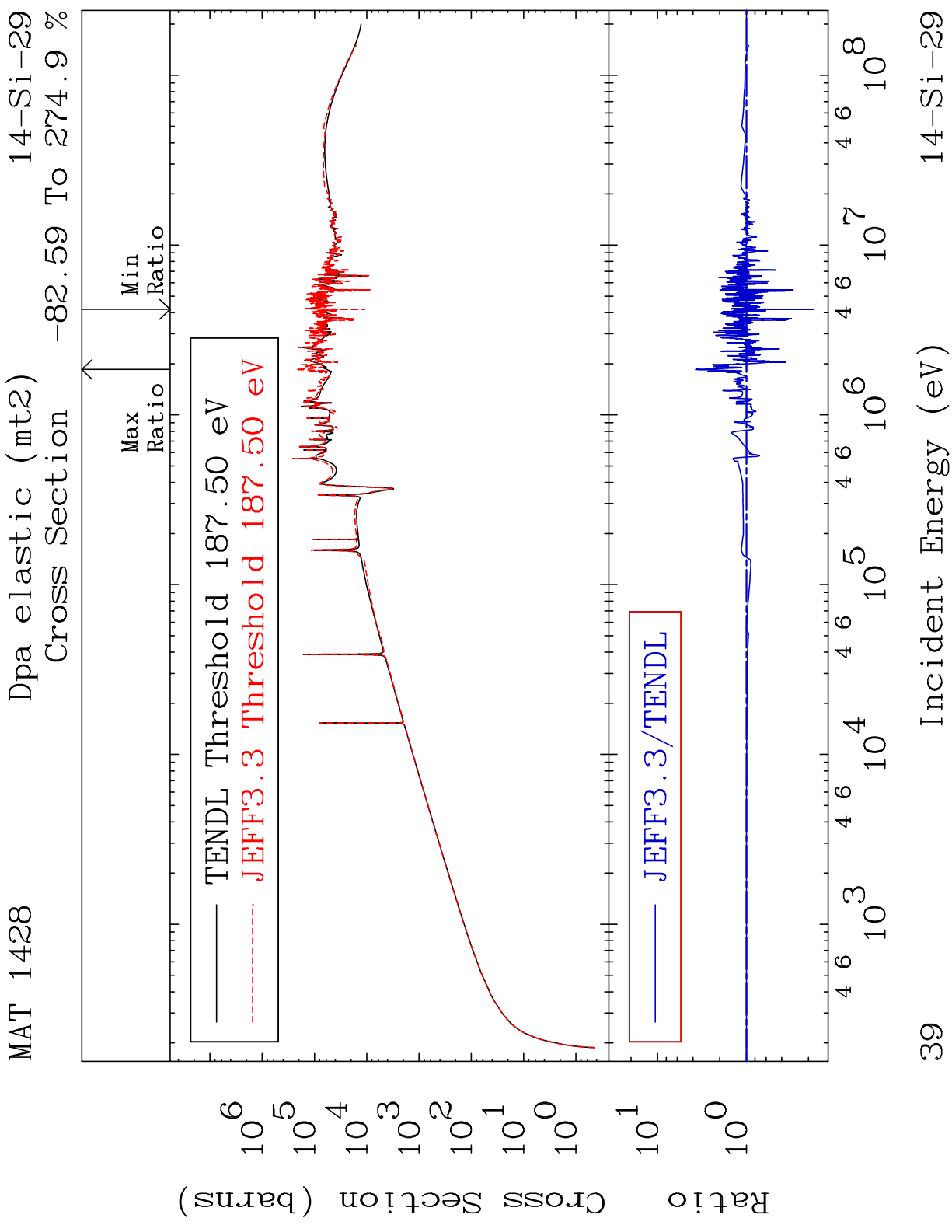
MAT 1428 Total kinematic kerma (high limit) 14-Si-29  
Cross Section -53.53 To 422.0 %



MAT 1428 Dpa total (eV-barns) 14-Si-29  
 Cross Section -54.29 To 408.0 %

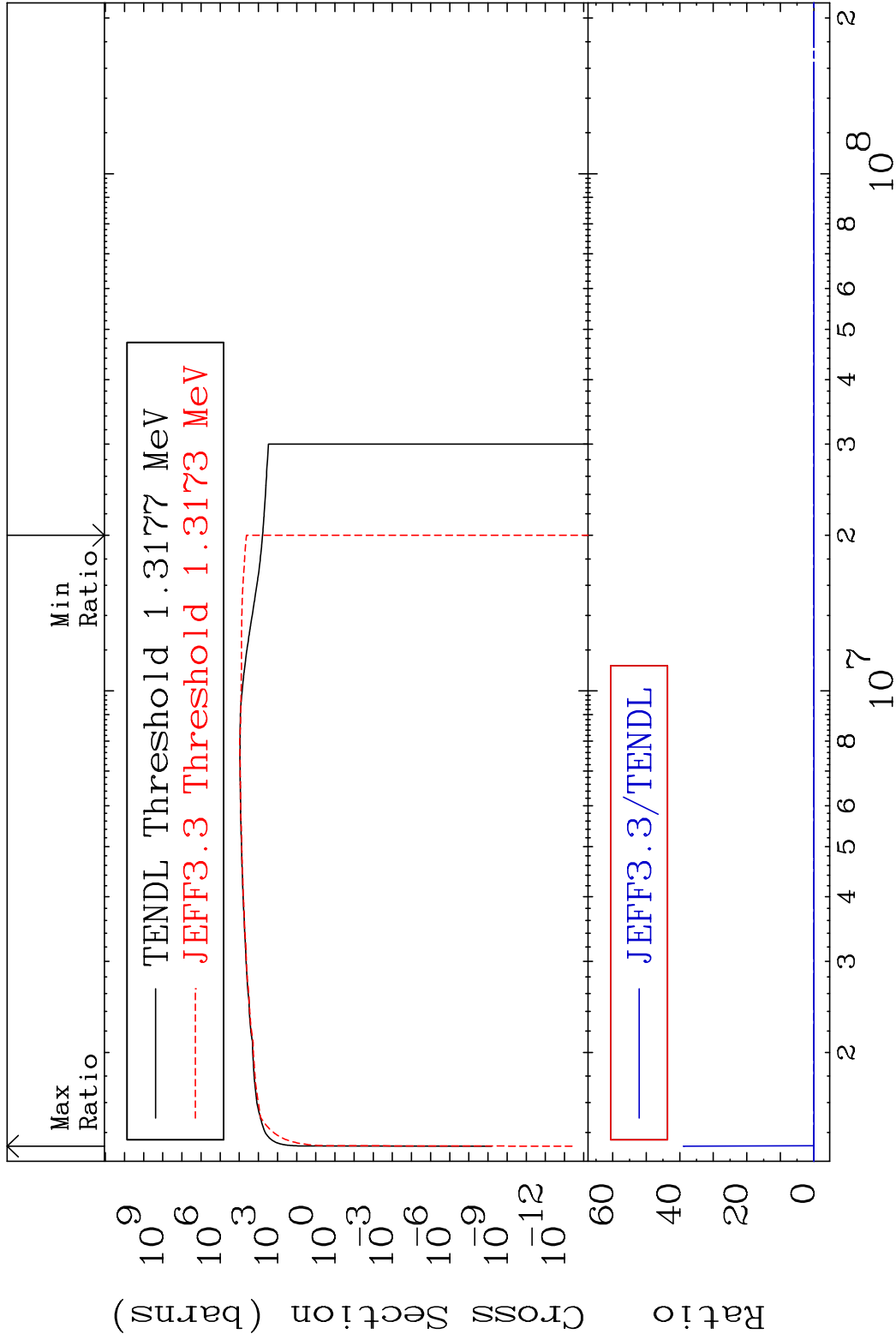


38 Incident Energy (eV) 14-Si-29





MAT 1428 Dpa inelastic (mt51-91) 14-Si-29  
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 14-Si-29

