

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

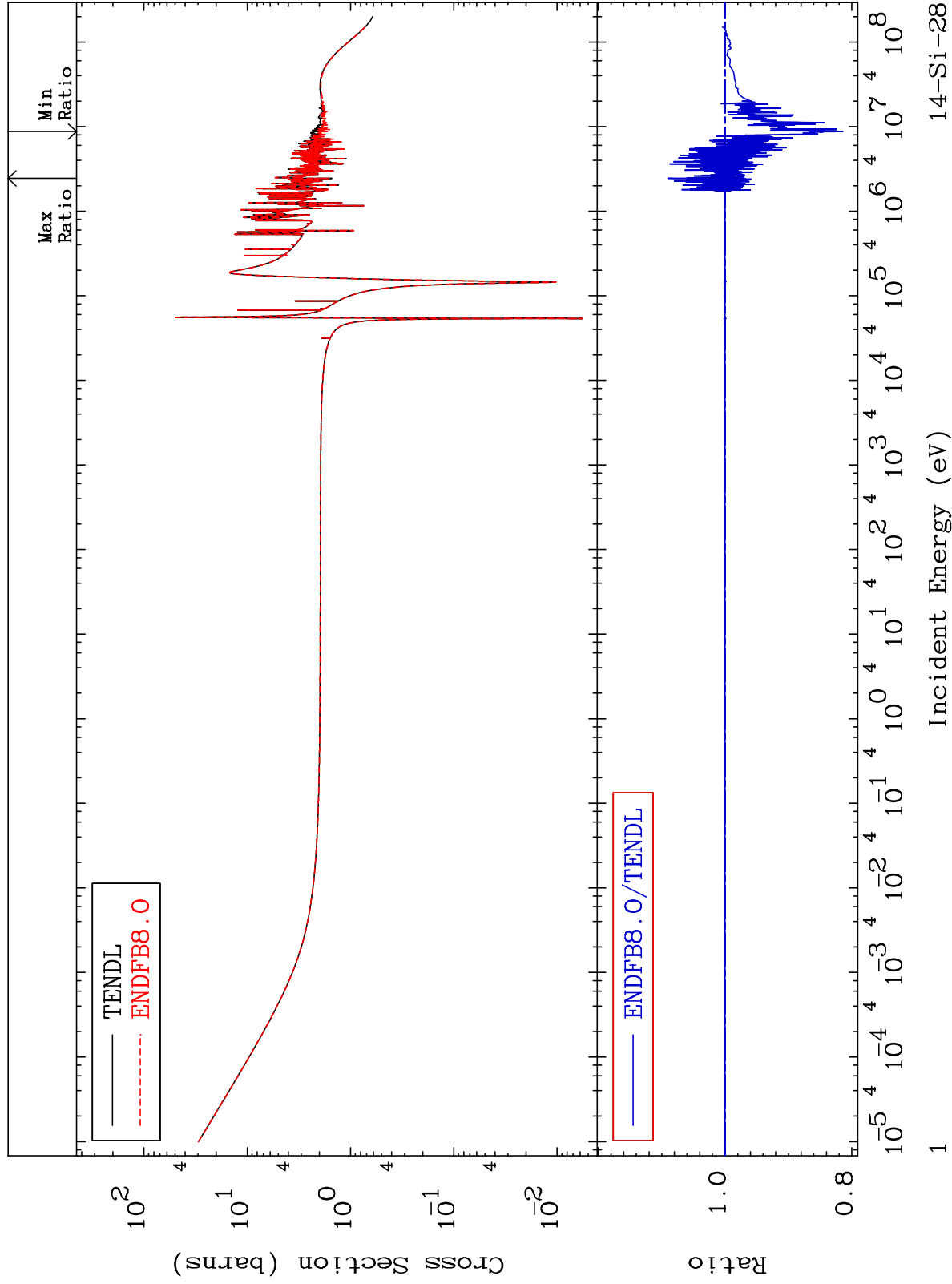
MAT 1425

Total

14-Si-28

Cross Section

-18.59 To 9.005 %



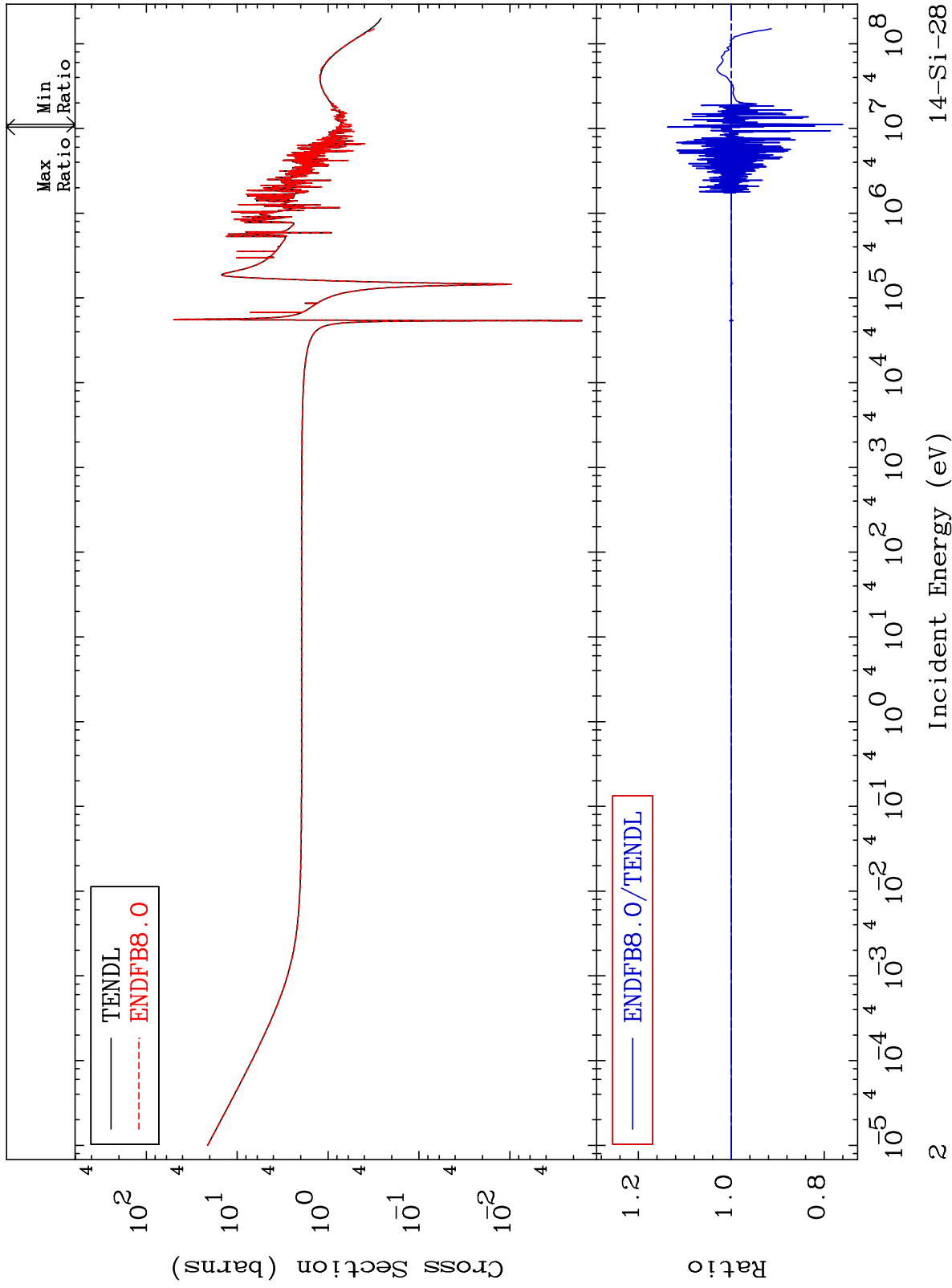
Incident Energy (eV)

14-Si-28

MAT 1425

Elastic
Cross Section

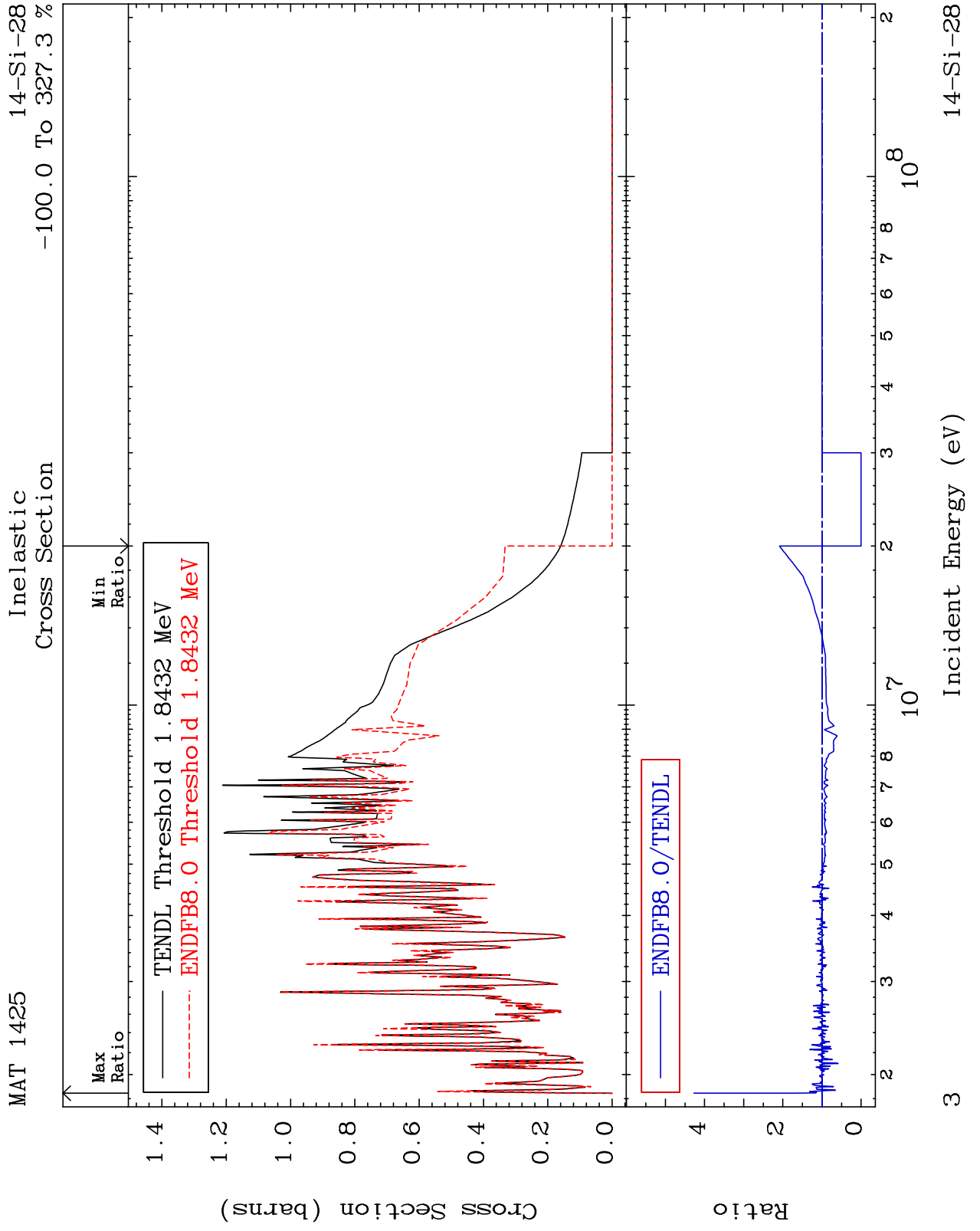
14-Si-28
-23.97 To 13.74 %



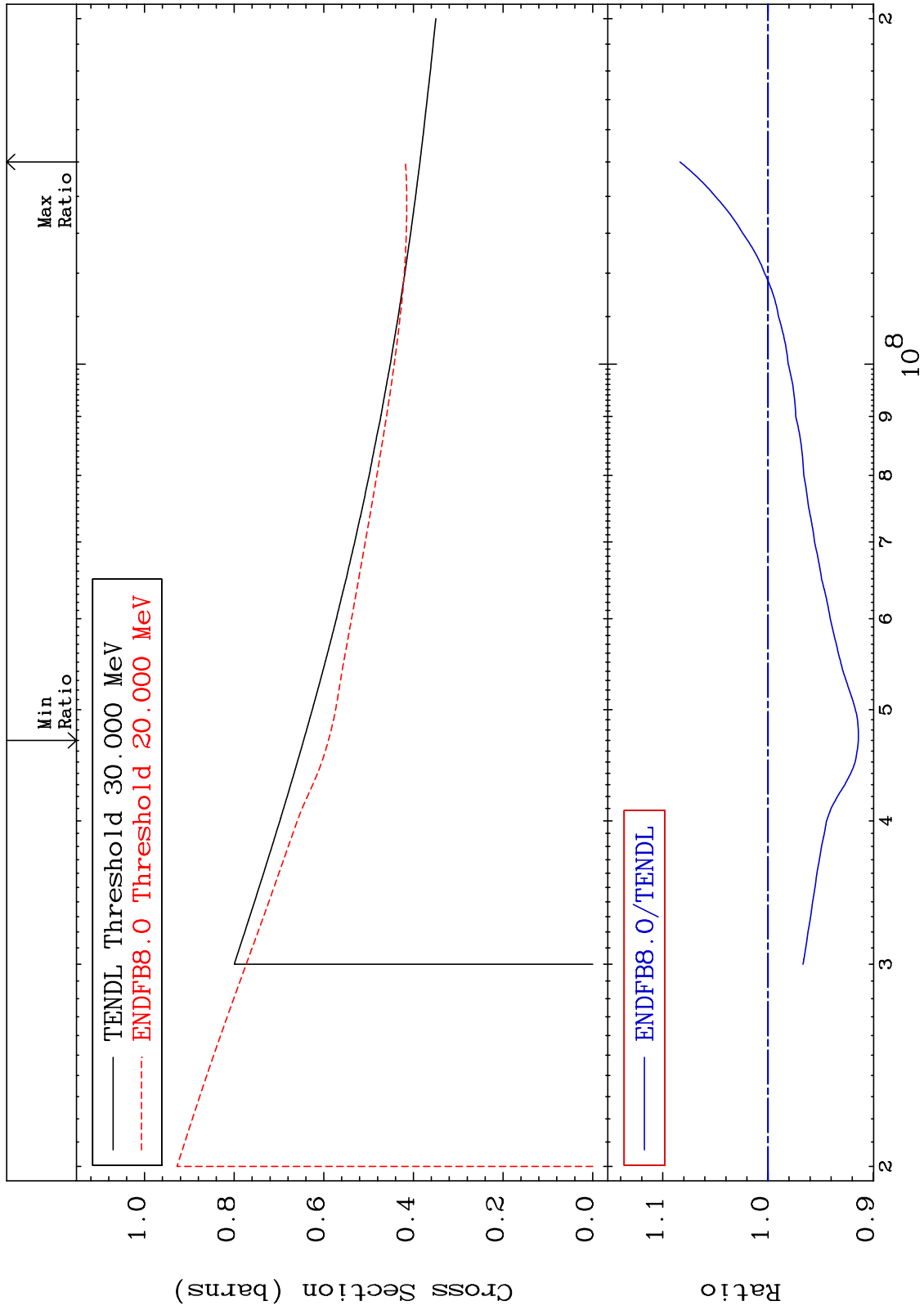
14-Si-28

Incident Energy (eV)

2

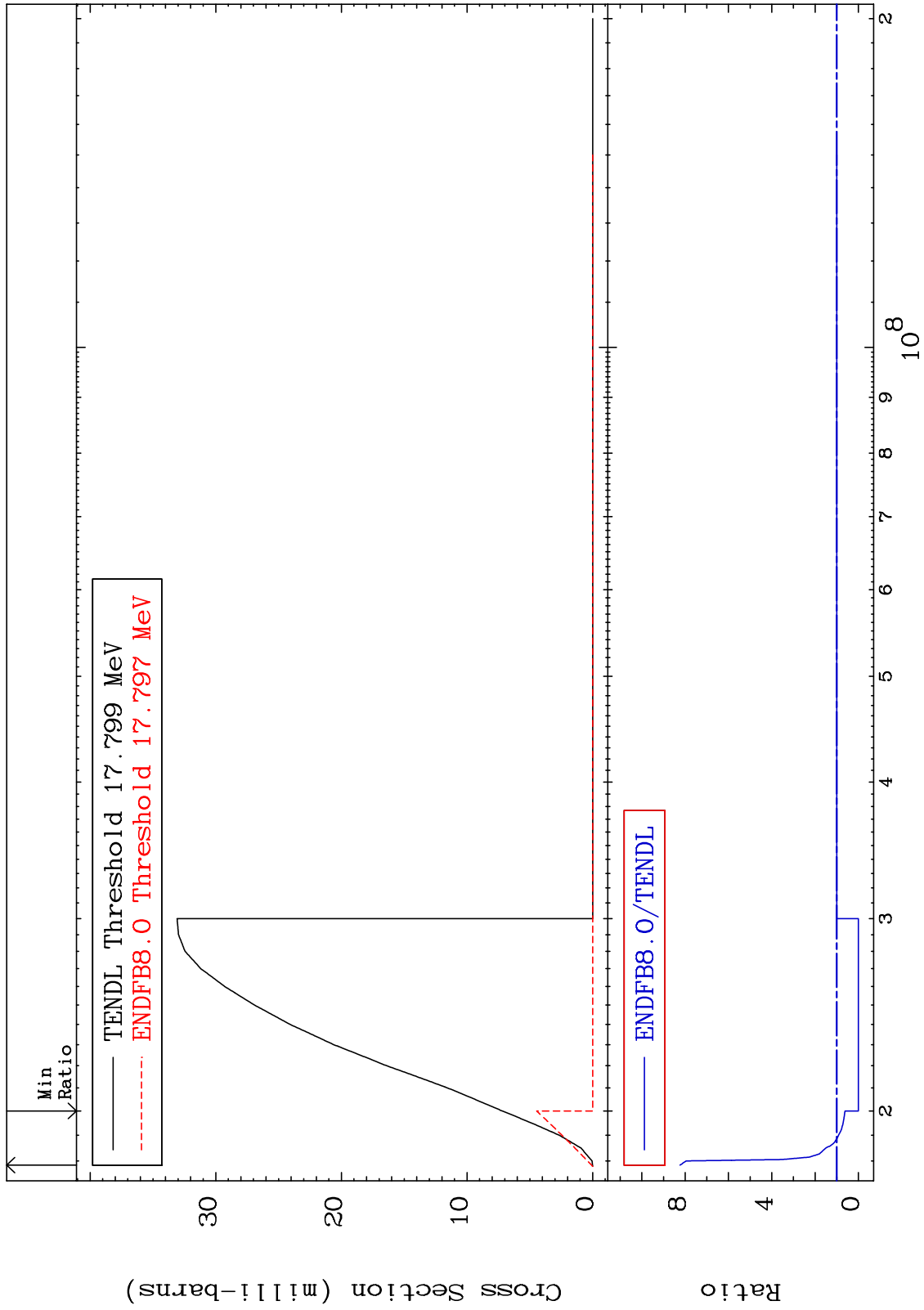


MAT 1425 (n,remainder) Cross Section 14-Si-28 -8.592 To 8.357 %



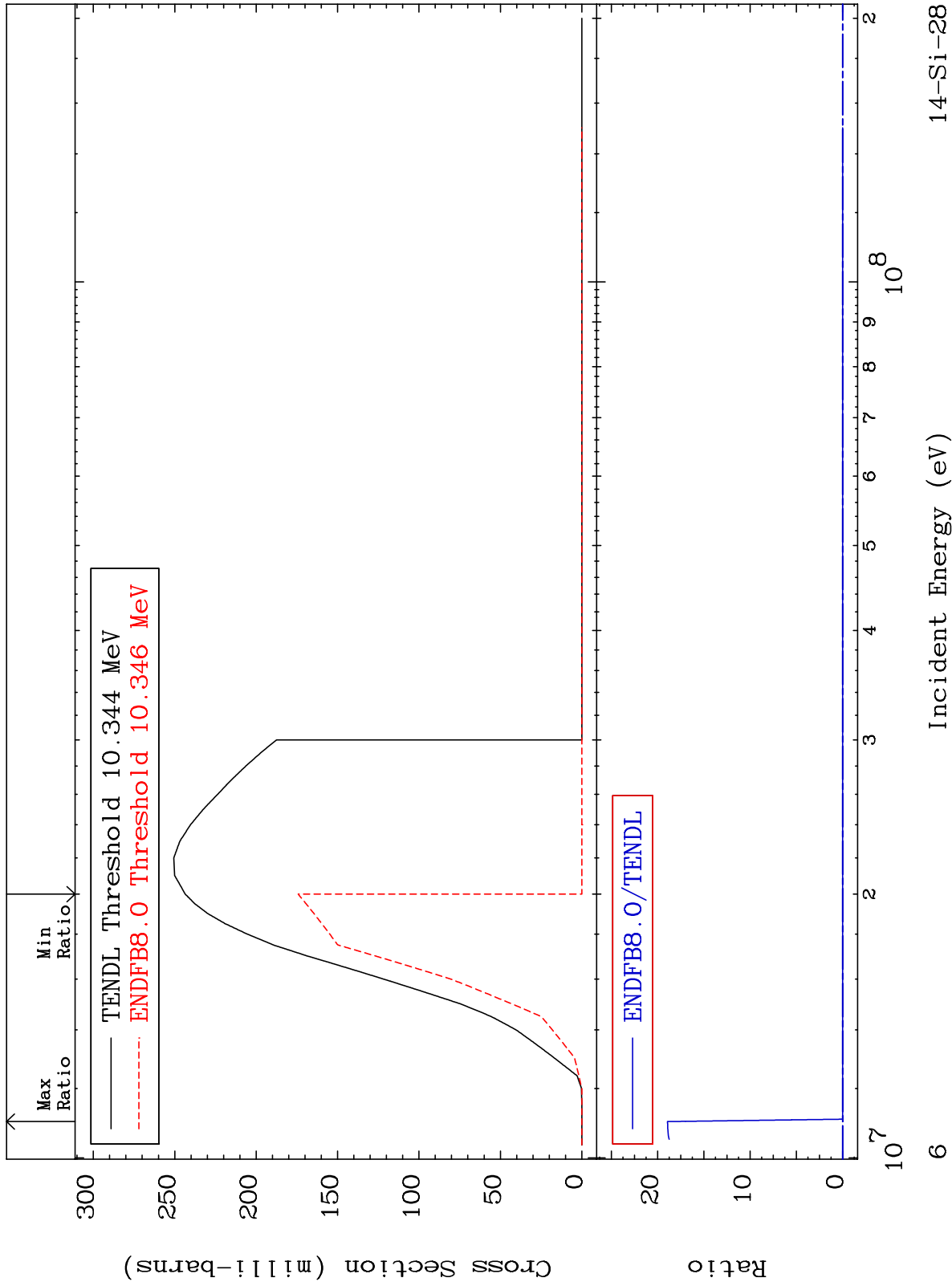
4 14-Si-28

MAT 1425 (n,2n) Cross Section 14-Si-28 -100.0 To 723.8 %



5 14-Si-28

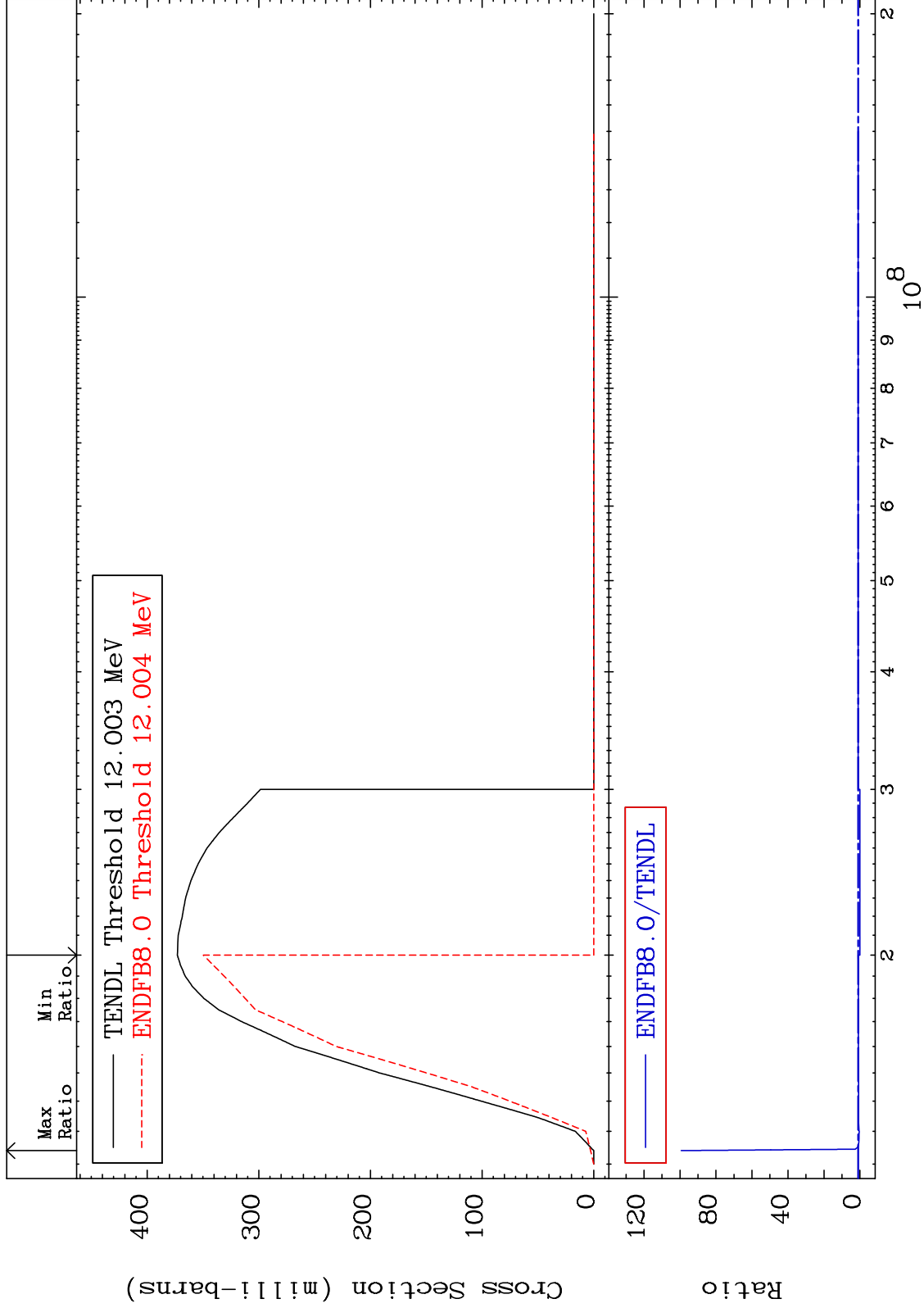
MAT 1425 $(n, n') \alpha$ 14-Si-28
Cross Section -100.0 To 9999. %



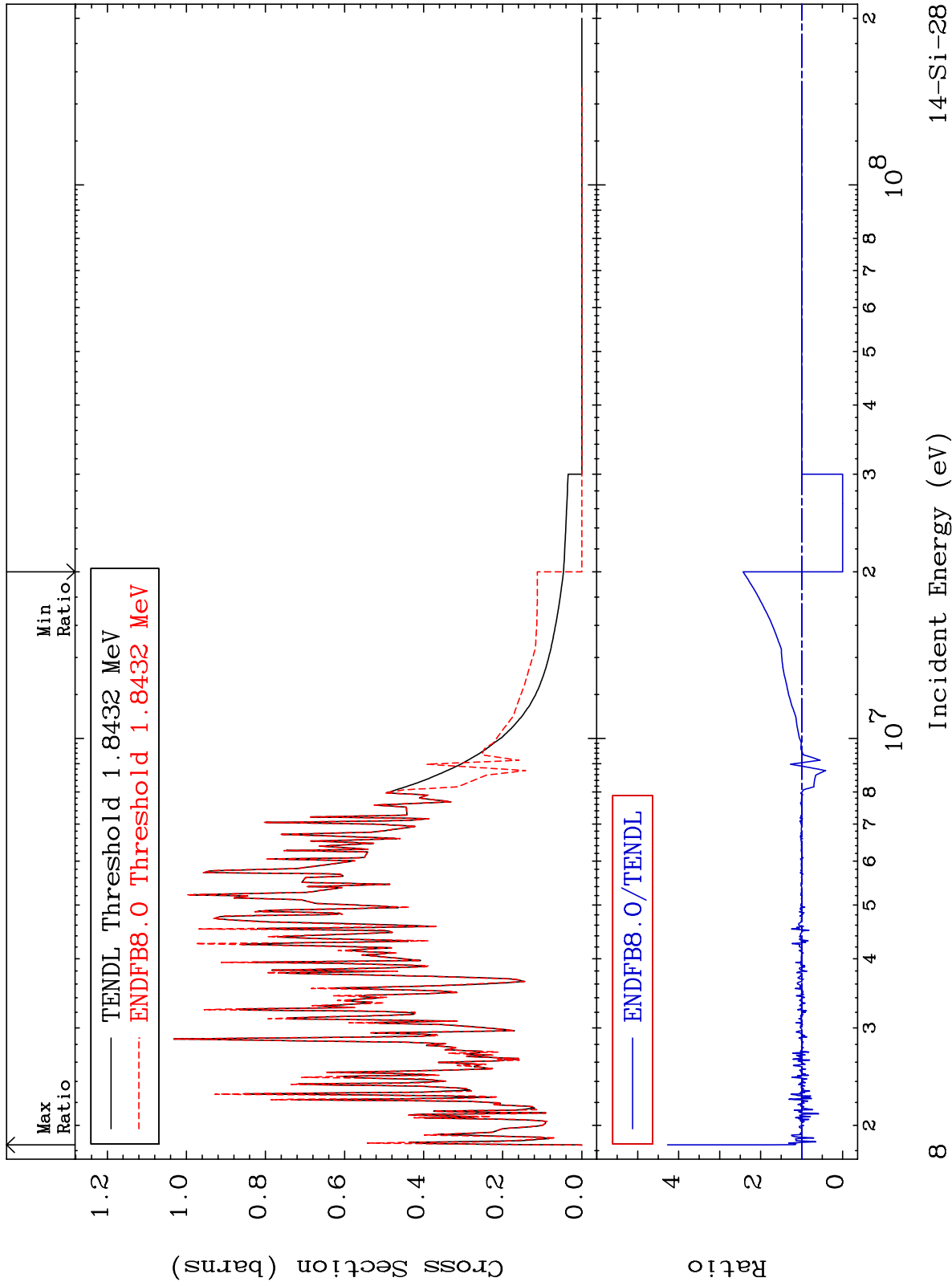
MAT 1425

(n,n') p
Cross Section

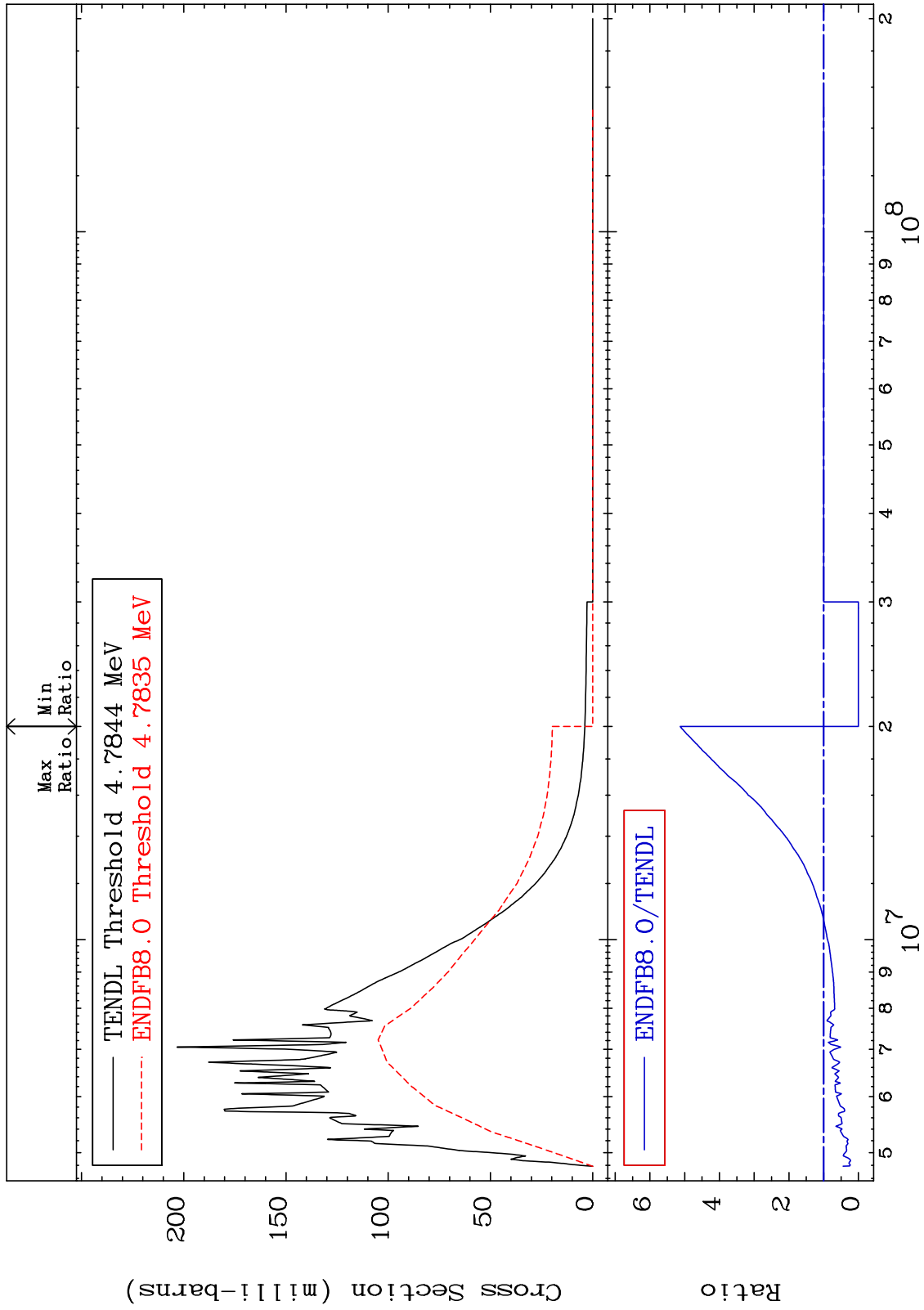
14-Si-28
-100.0 To 9831. %



MAT 1425 MT= 51 (n,n') Level Cross Section 14-Si-28
-100.0 To 327.3 %

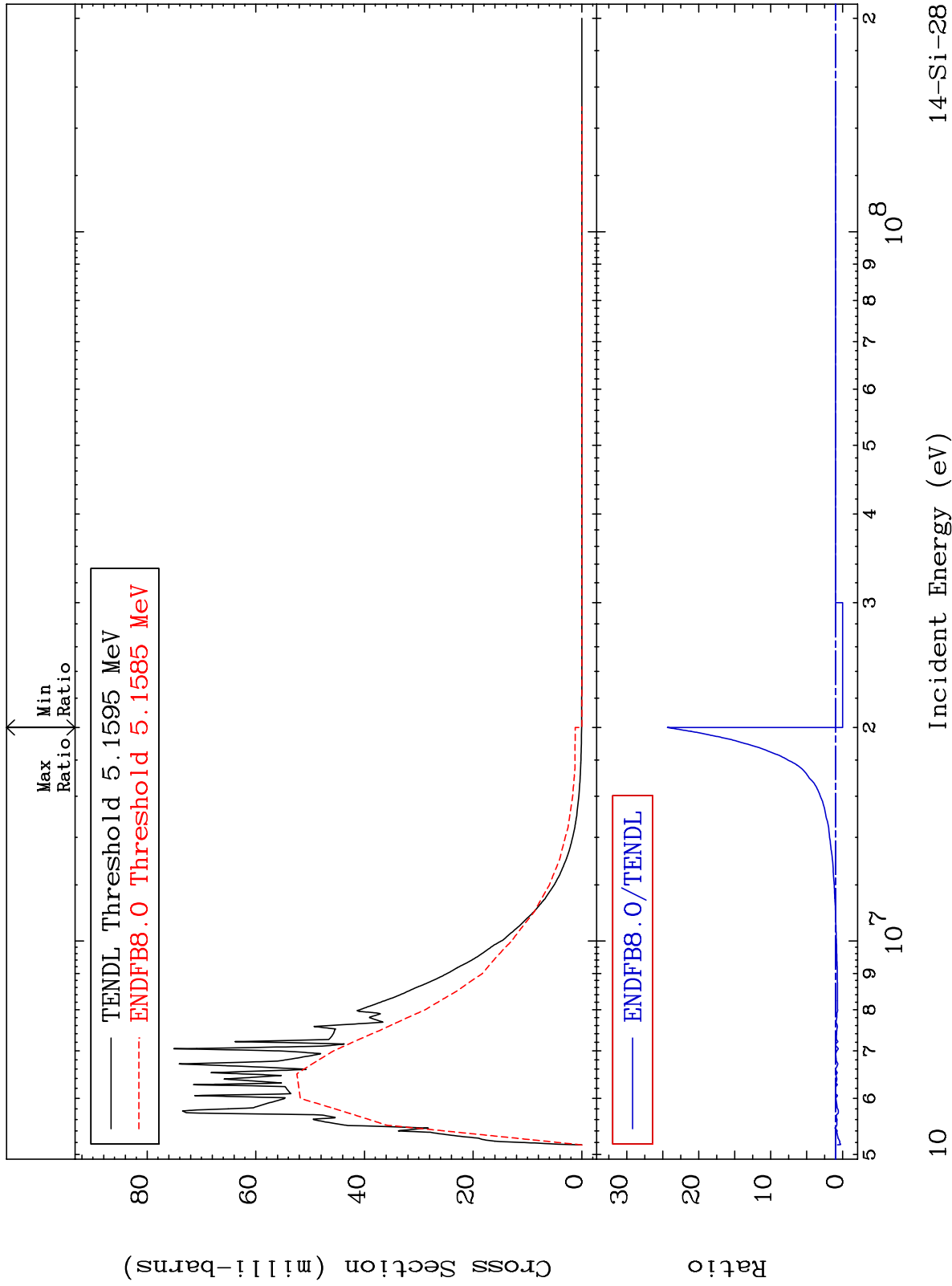


MAT 1425 MT= 52 (n,n') Level Cross Section 14-Si-28
 -100.0 To 413.3 %

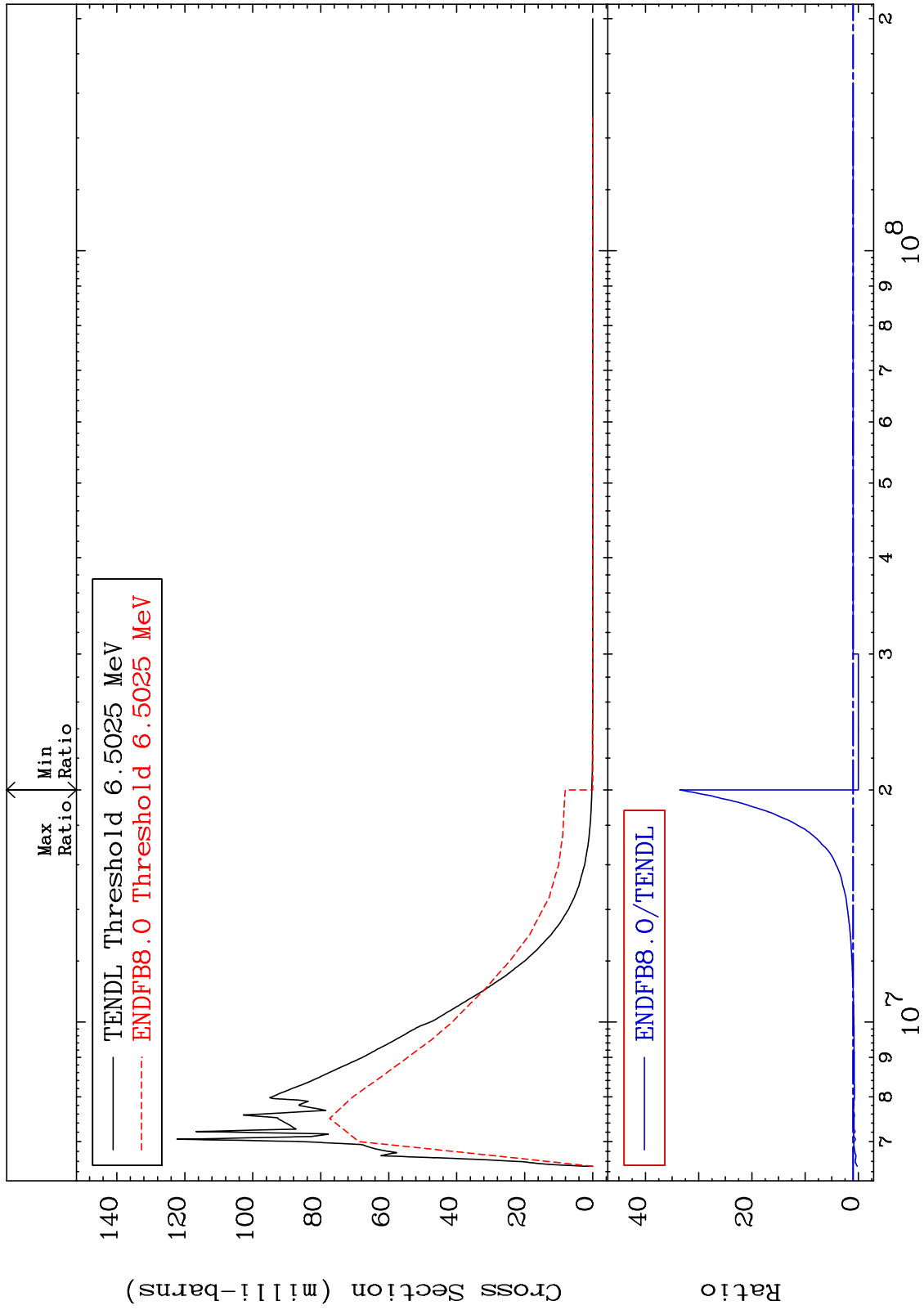


9 Incident Energy (eV) 14-Si-28

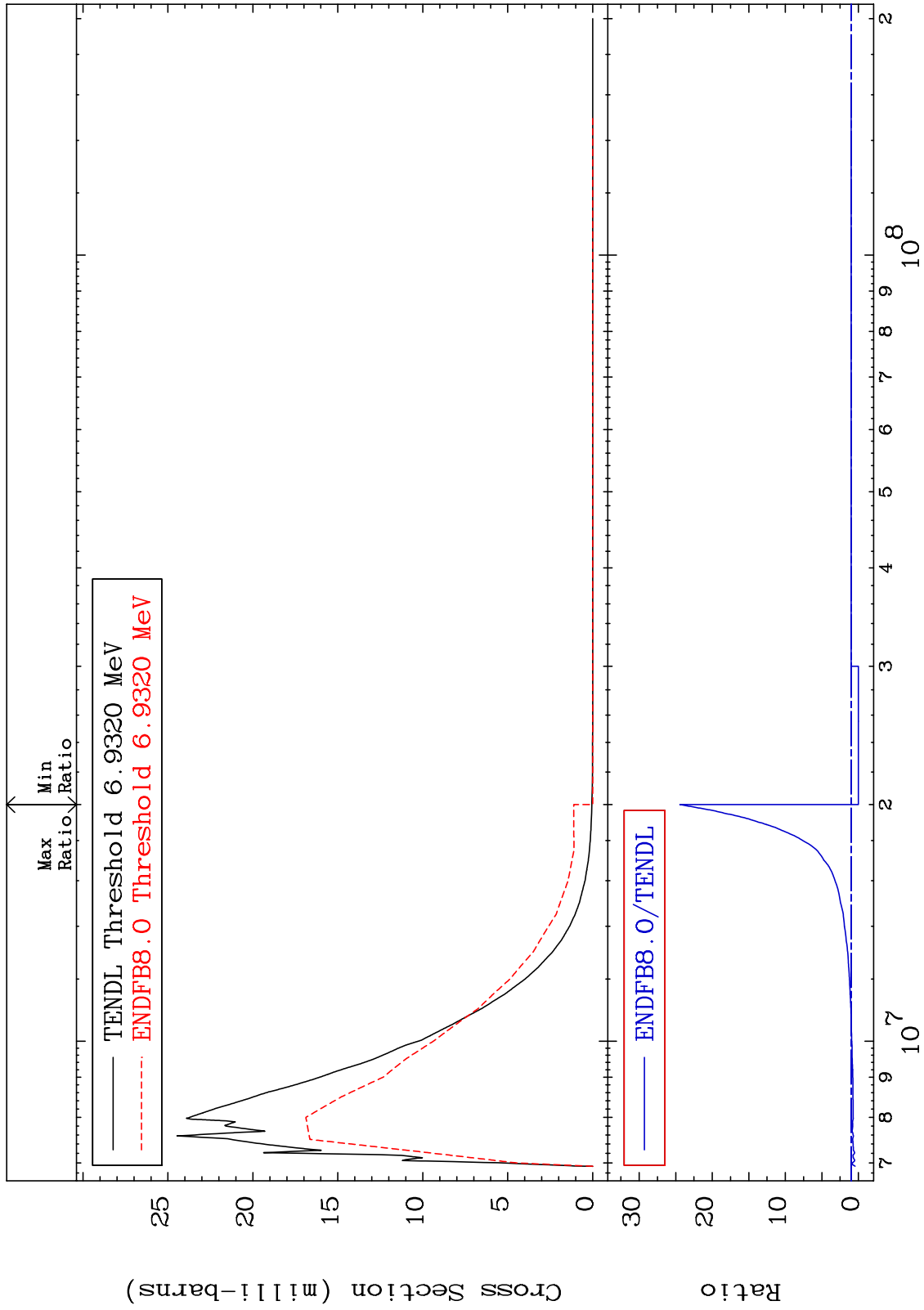
MAT 1425 MT= 53 (n,n') Level Cross Section 14-Si-28
-100.0 To 2333. %



MAT 1425 MT= 54 (n,n') Level 14-Si-28
 Cross Section -100.0 To 3251. %

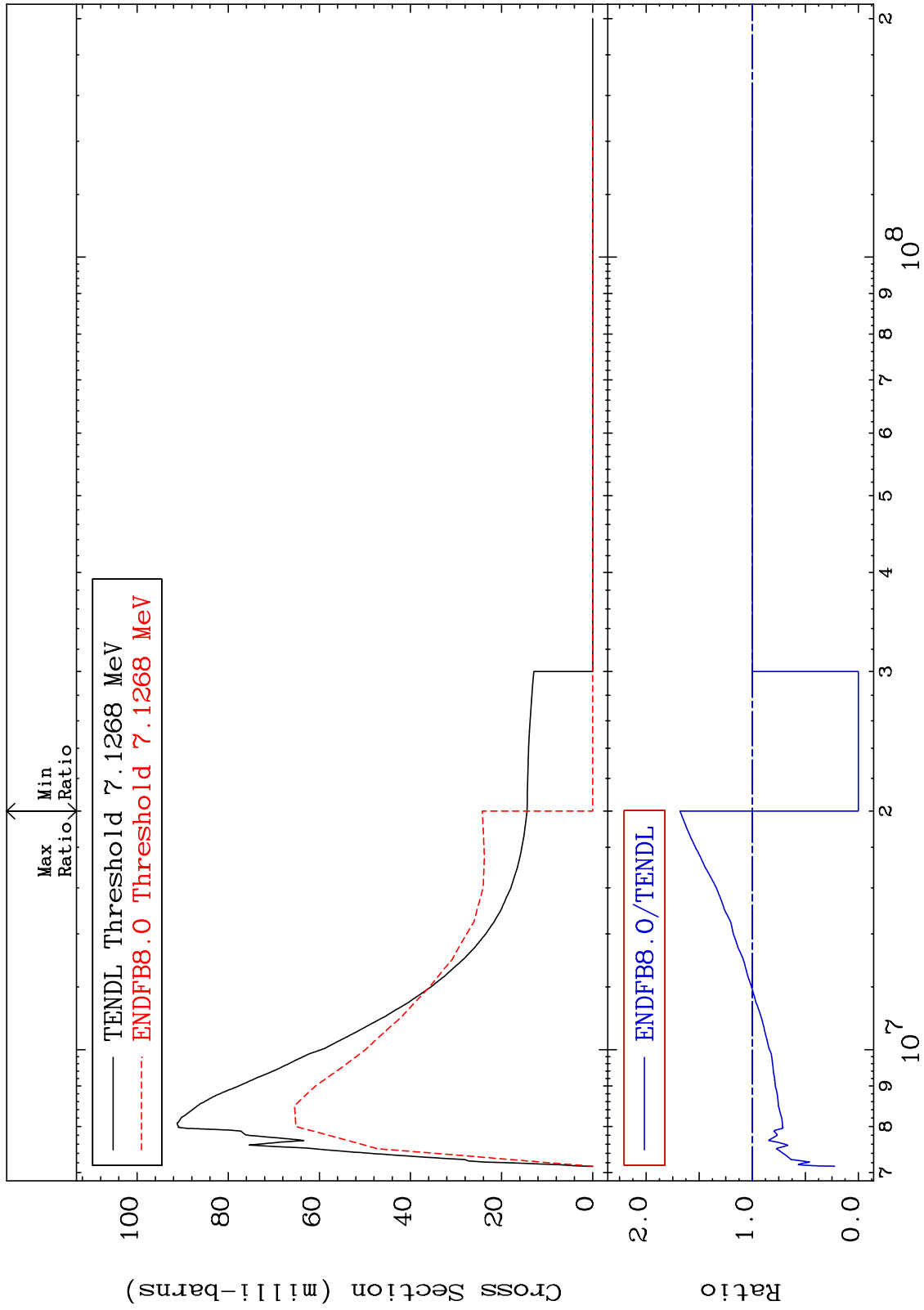


MAT 1425 MT= 55 (n,n') Level Cross Section 14-Si-28
 -100.0 To 2341. %



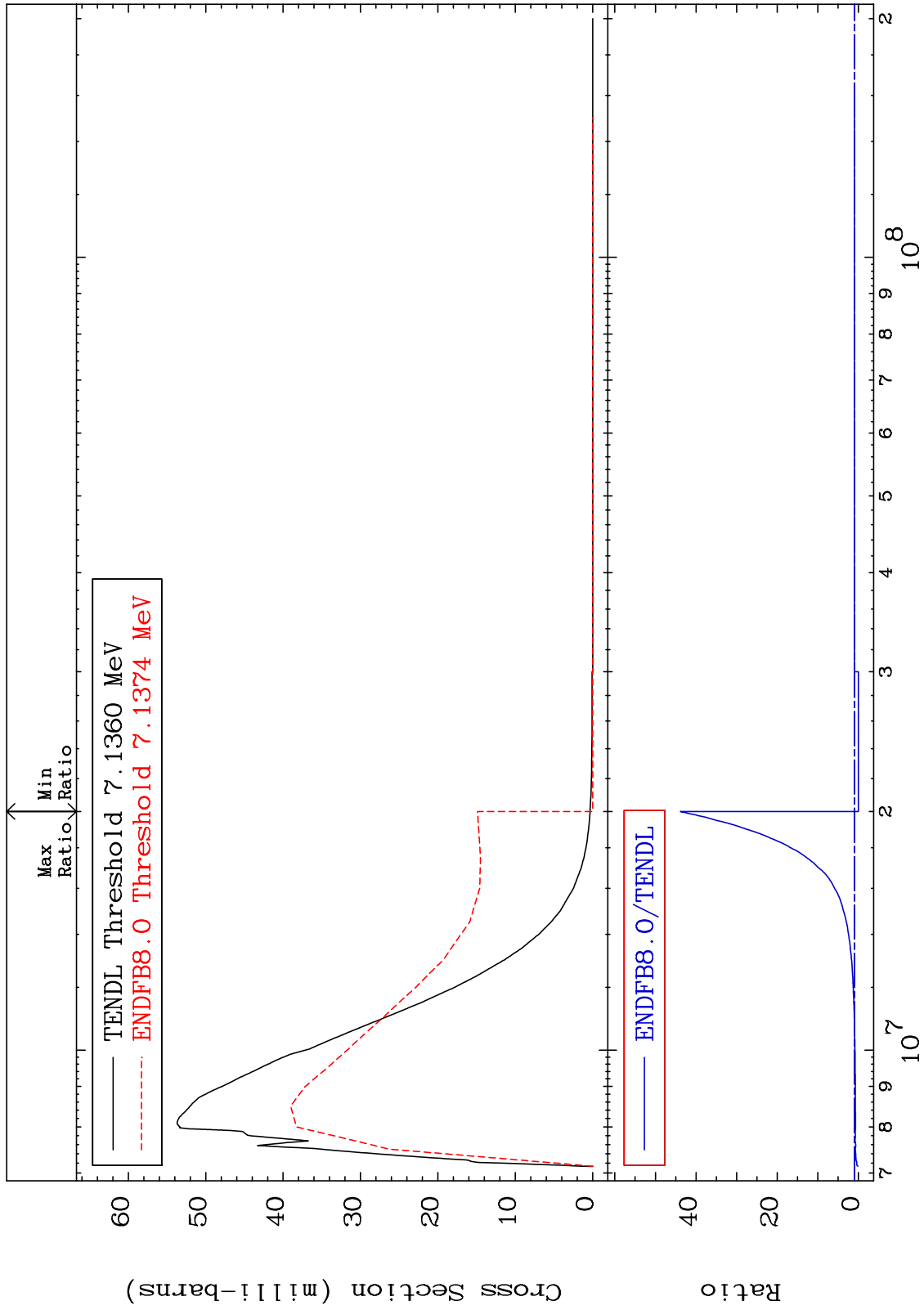
12 14-Si-28

MAT 1425 MT= 56 (n,n') Level Cross Section 14-Si-28
 -100.0 To 68.07 %



14-Si-28

MAT 1425 MT= 57 (n,n') Level Cross Section 14-Si-28
 -100.0 To 4294. %

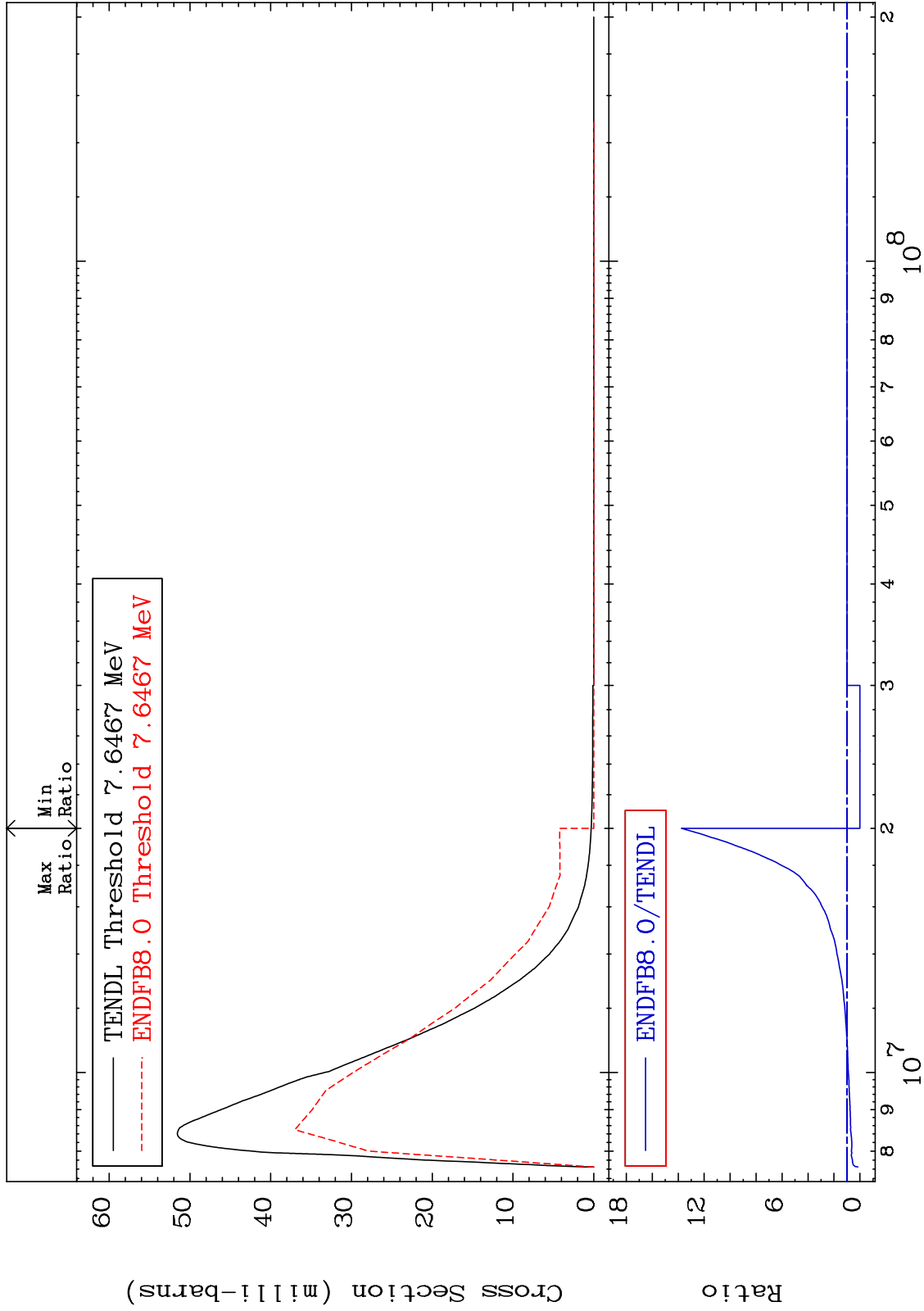


14 Incident Energy (eV) 14-Si-28

MAT 1425

MT= 58 (n,n') Level
Cross Section

14-Si-28
-100.0 To 1277. %



15

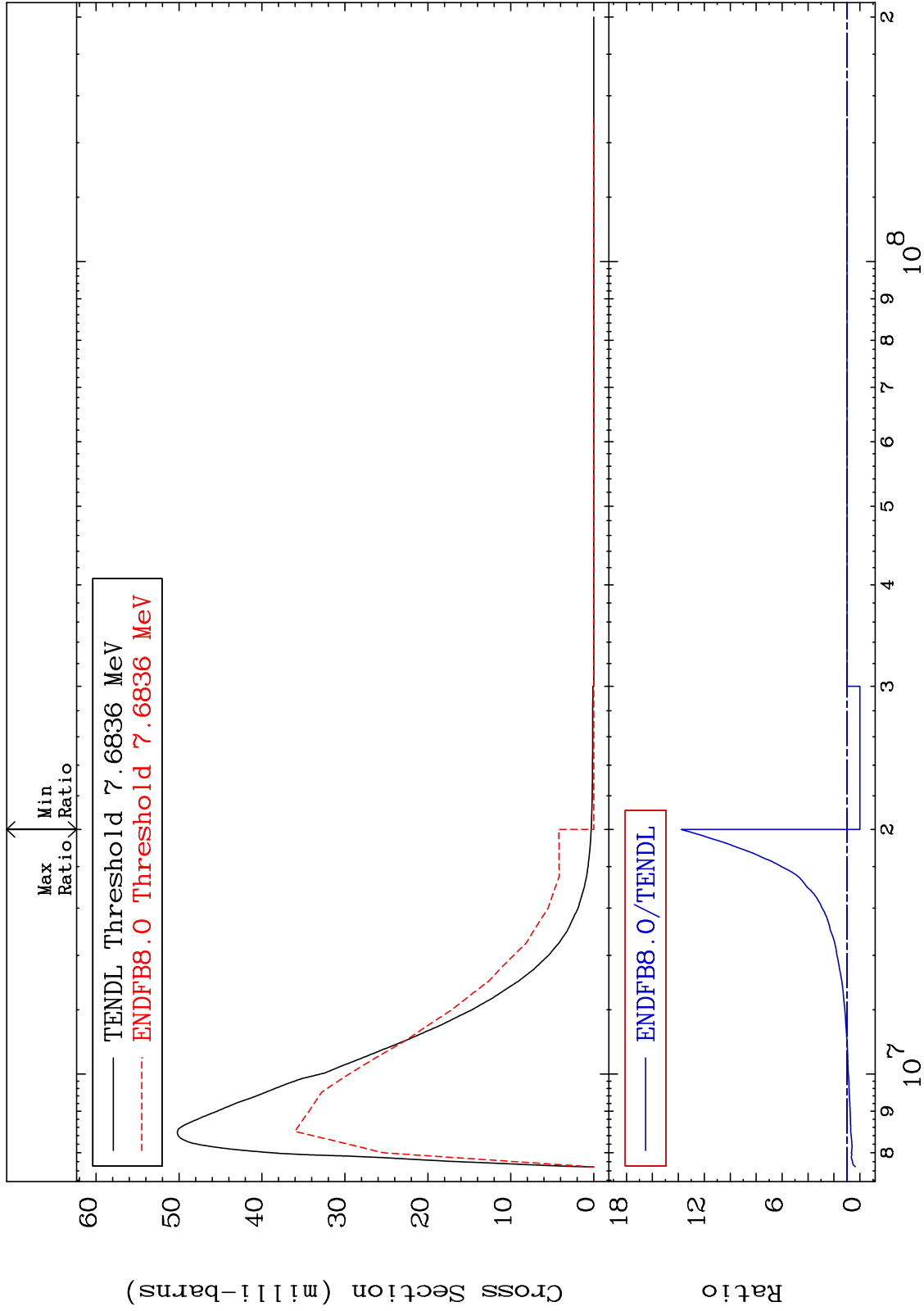
Incident Energy (eV)

14-Si-28

MAT 1425

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

14-Si-28
-100.0 To 1278. %

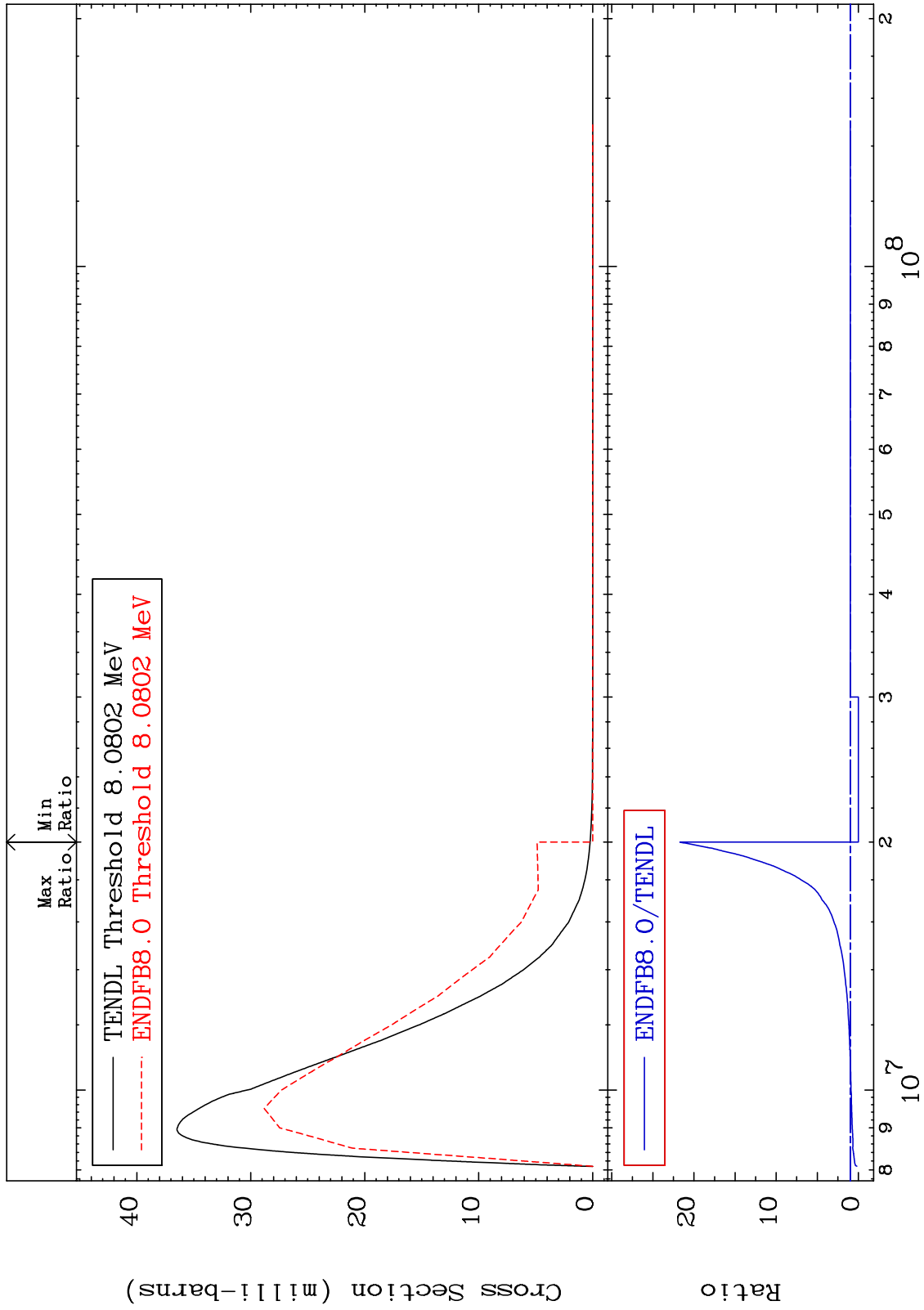


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Incident Energy (eV)

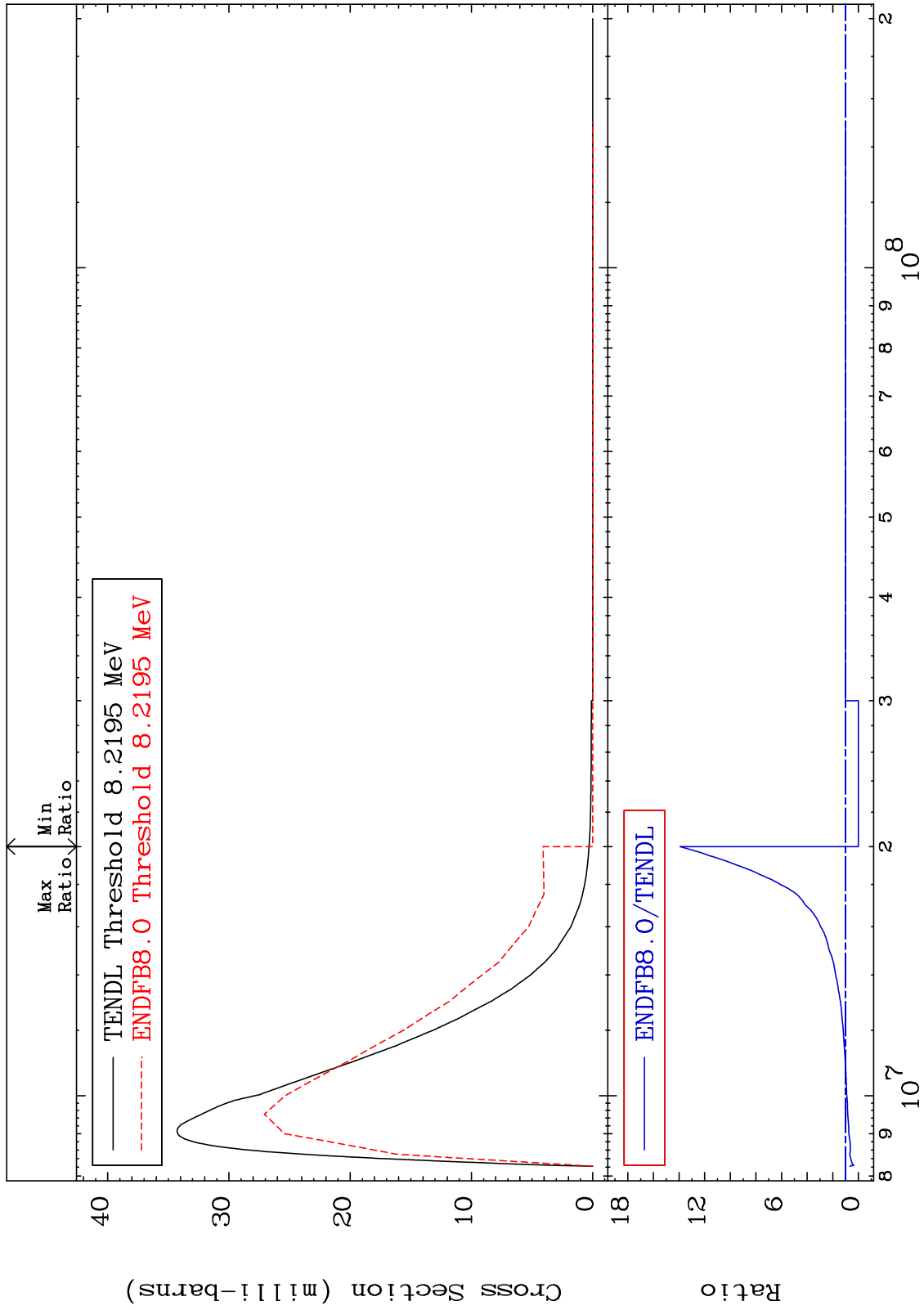
14-Si-28

MAT 1425 MT= 60 (n,n') Level Cross Section 14-Si-28
 -100.0 To 2070. %



17 14-Si-28

MAT 1425 MT= 61 (n,n') Level Cross Section 14-Si-28
-100.0 To 1292. %

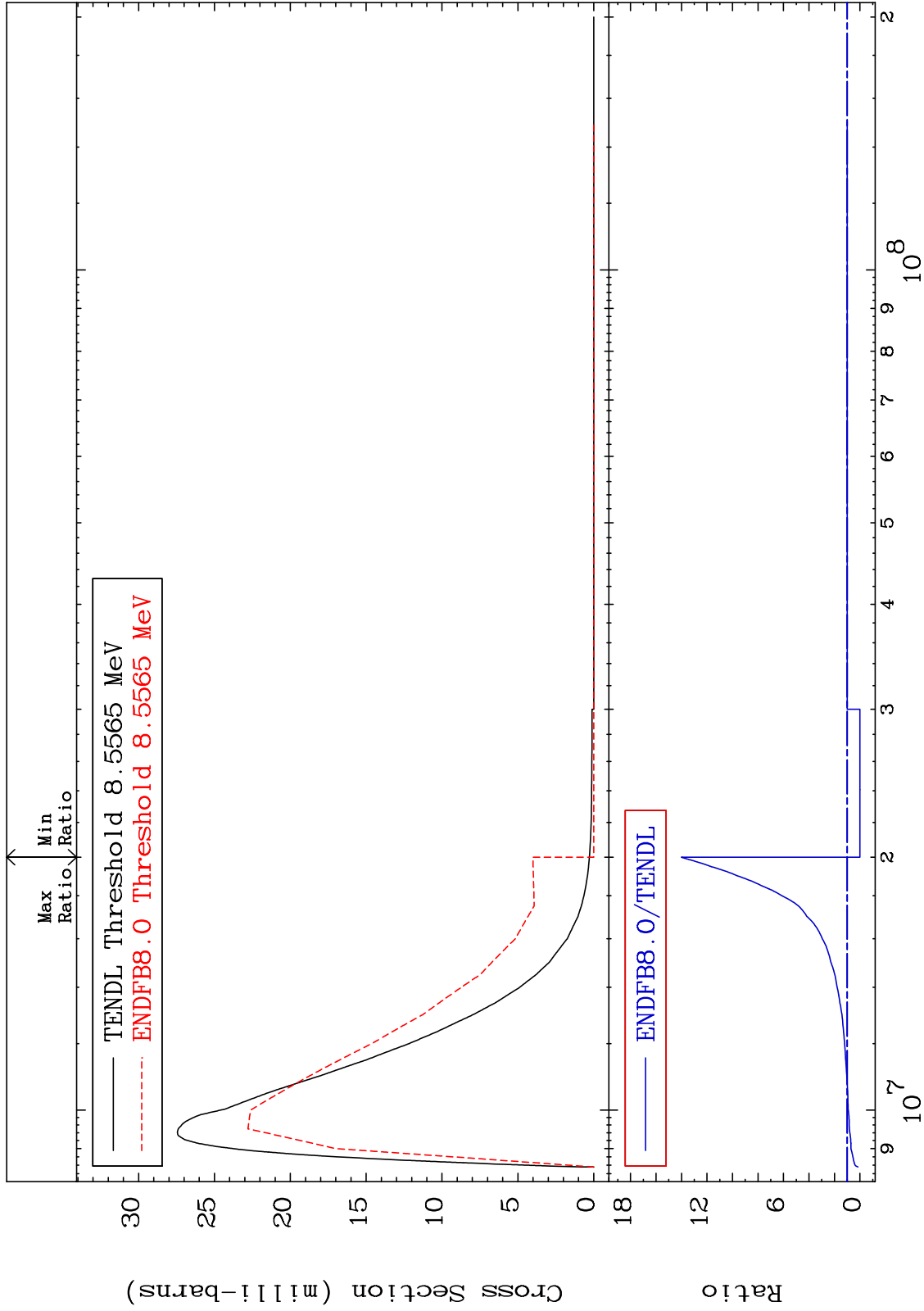


18 Incident Energy (eV) 14-Si-28

MAT 1425

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

14-Si-28
-100.0 To 1302. %



19

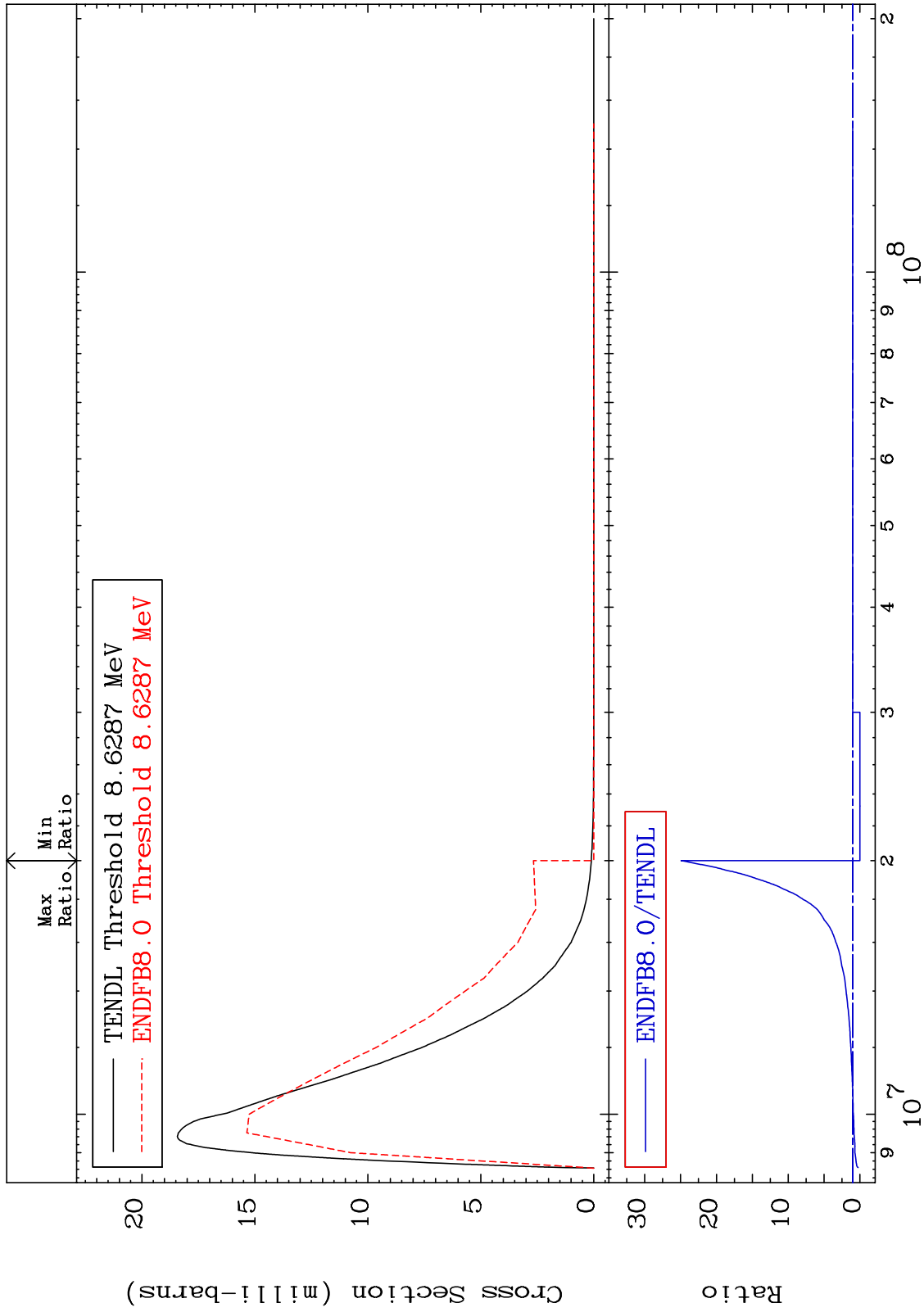
14-Si-28

14-Si-28

MAT 1425

MT= 63 (n,n') Level
Cross Section

14-Si-28
-100.0 To 2391. %



14-Si-28

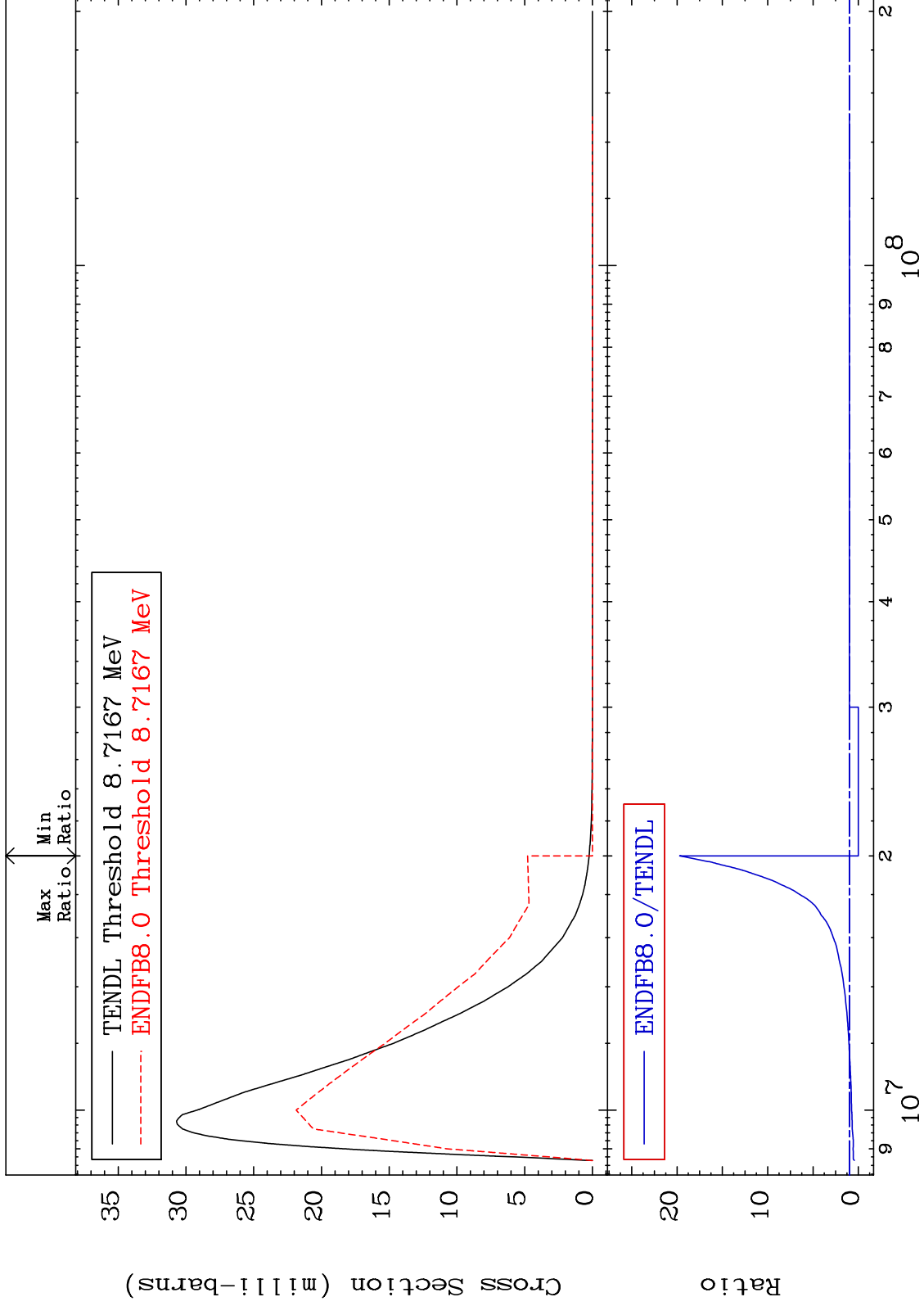
Incident Energy (eV)

20

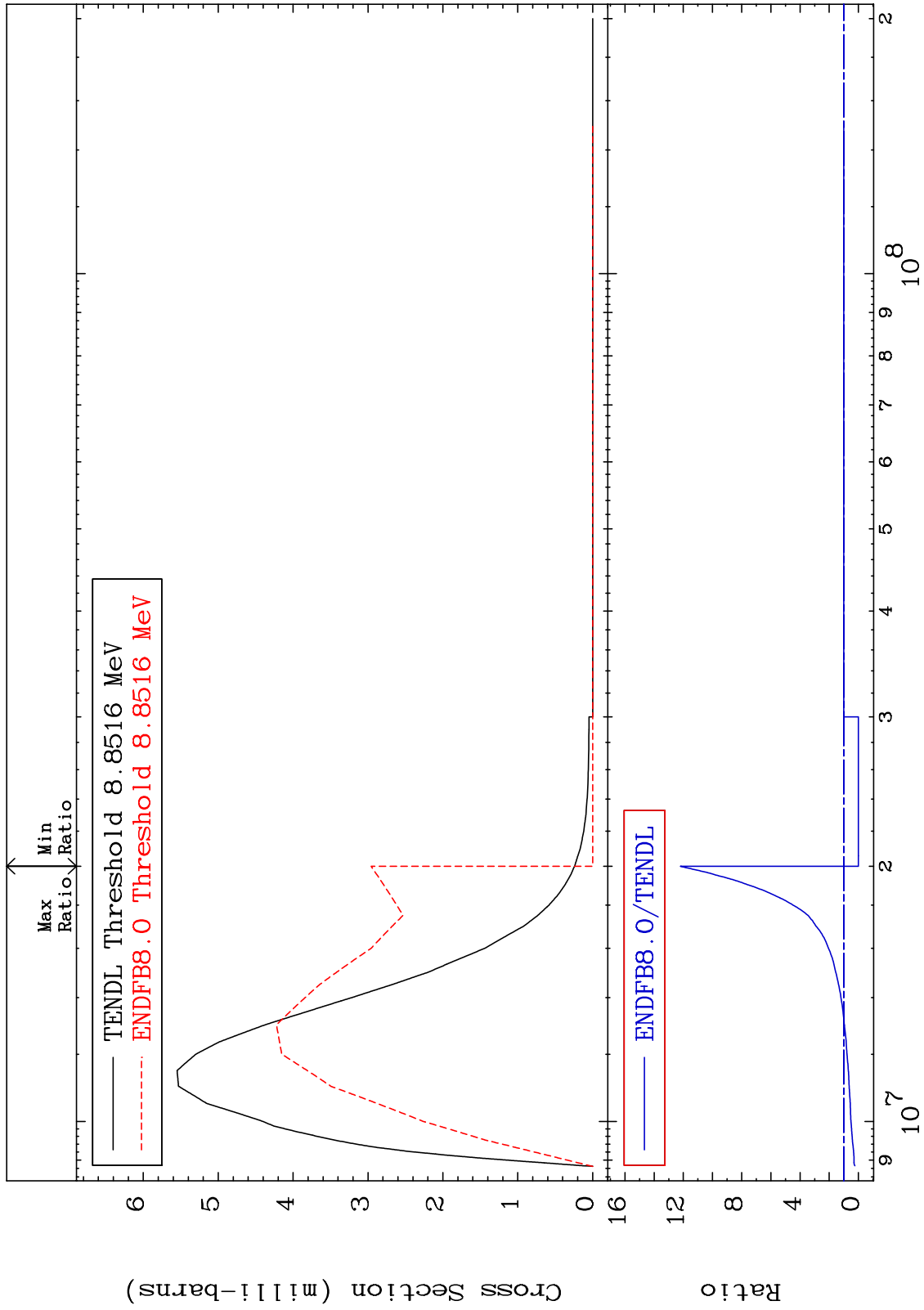
MAT 1425

MT= 64 (n,n') Level
Cross Section

14-Si-28
-100.0 To 1869. %



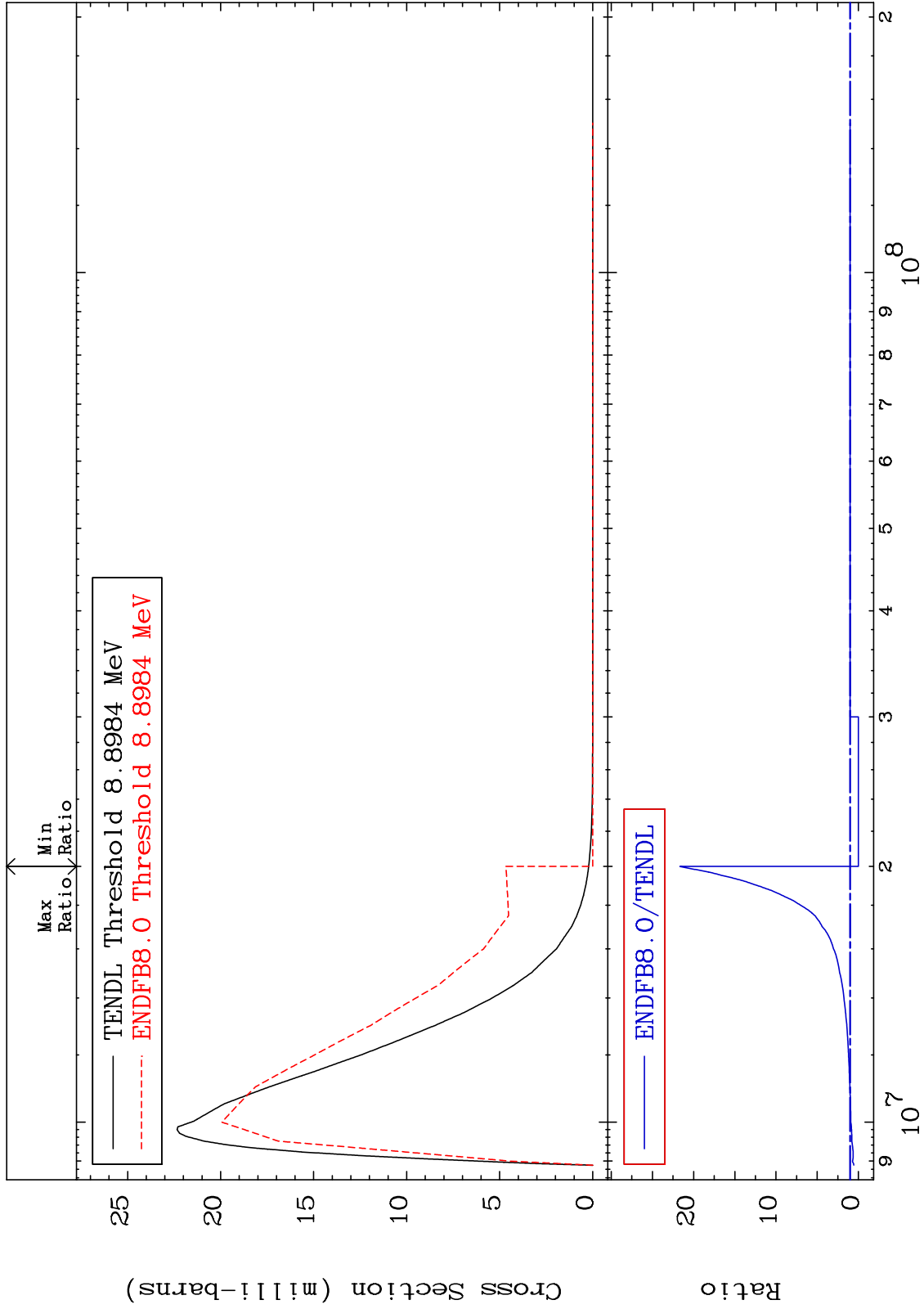
MAT 1425 MT= 65 (n,n') Level Cross Section 14-Si-28
 -100.0 To 1123. %



MAT 1425

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

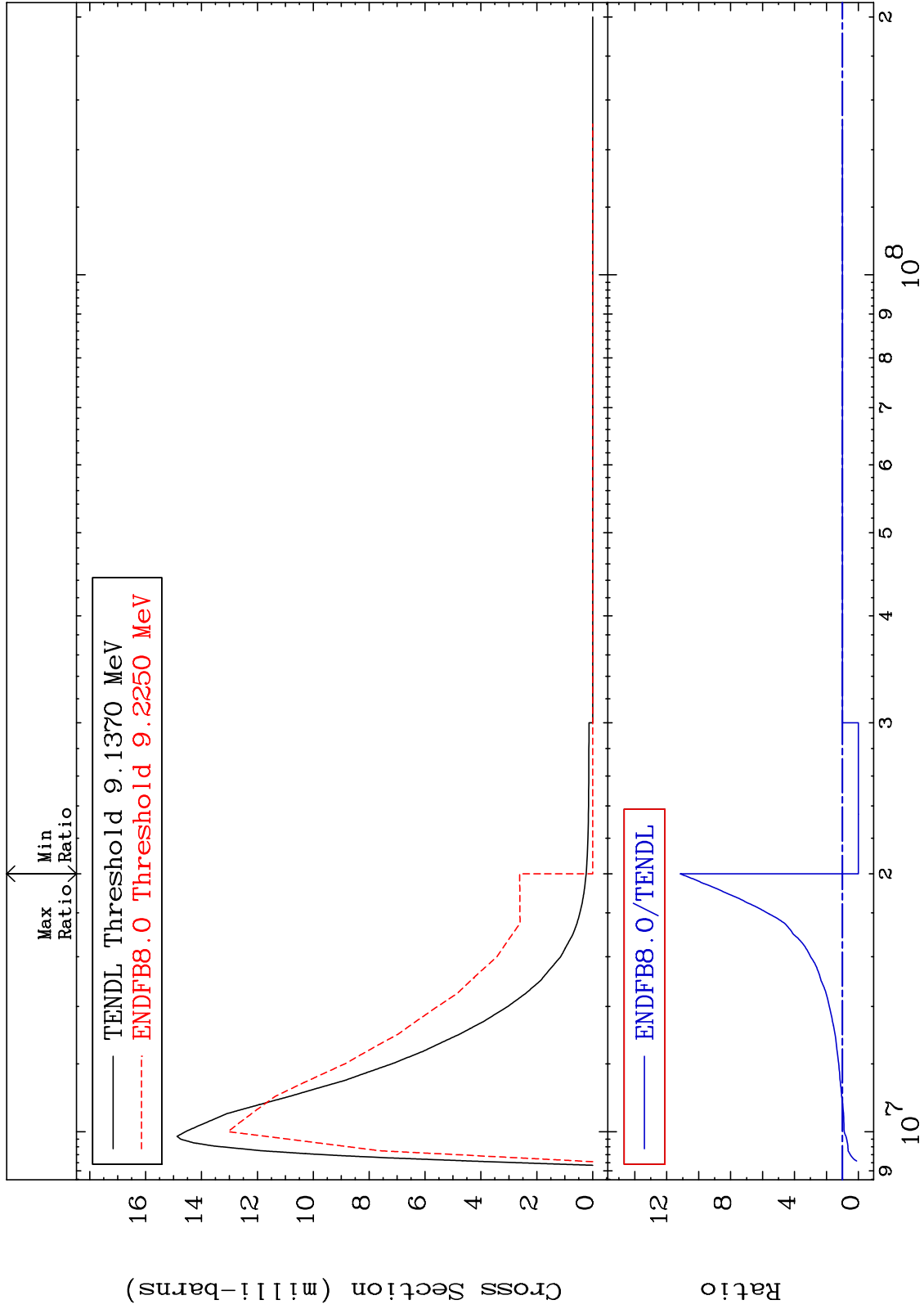
14-Si-28
-100.0 To 2065. %



MAT 1425

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

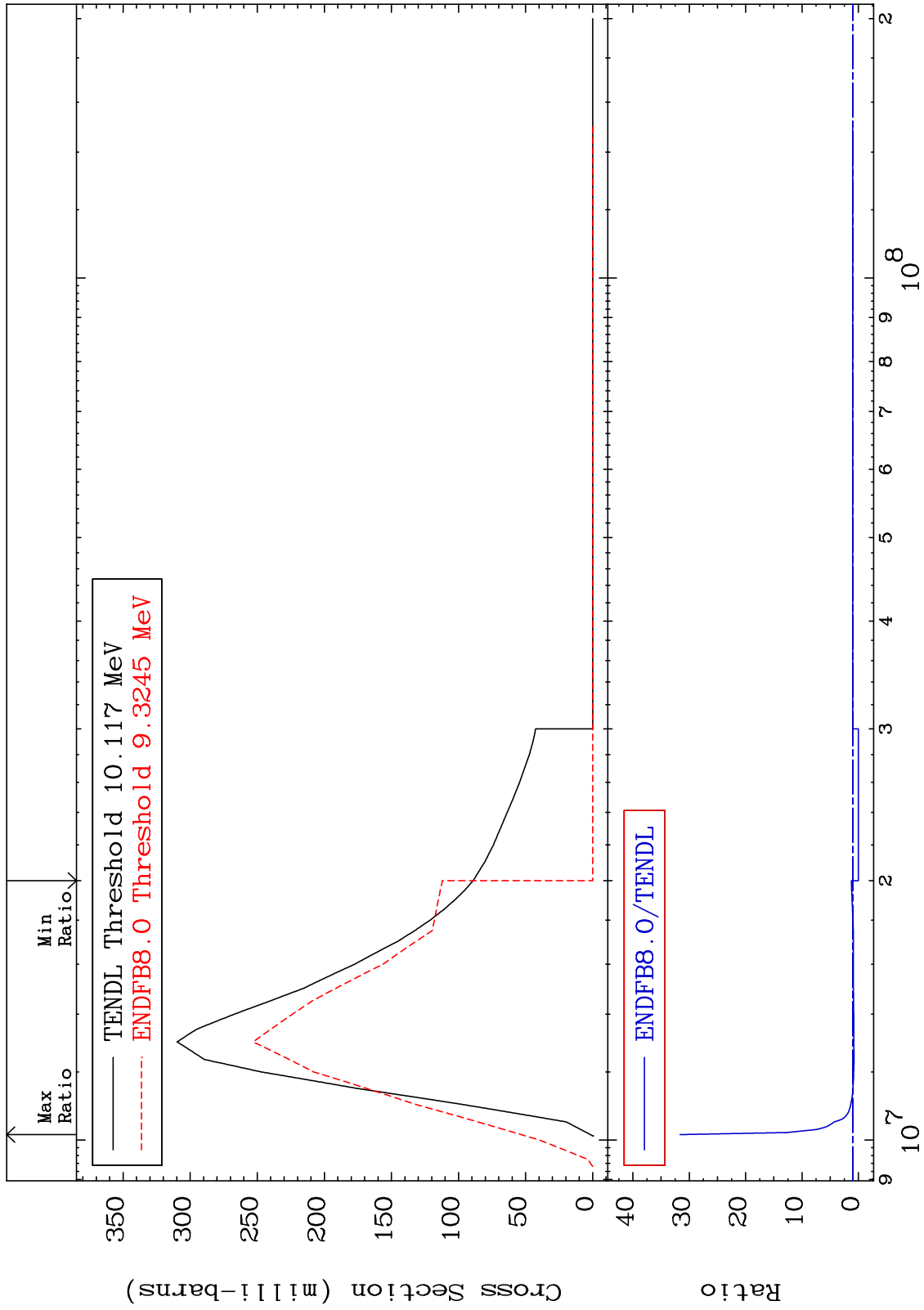
14-Si-28
-100.0 To 1017. %



24

14-Si-28

MAT 1425 (n,n') Continuum Cross Section 14-Si-28 -100.0 To 3064. %



25 Incident Energy (eV) 14-Si-28

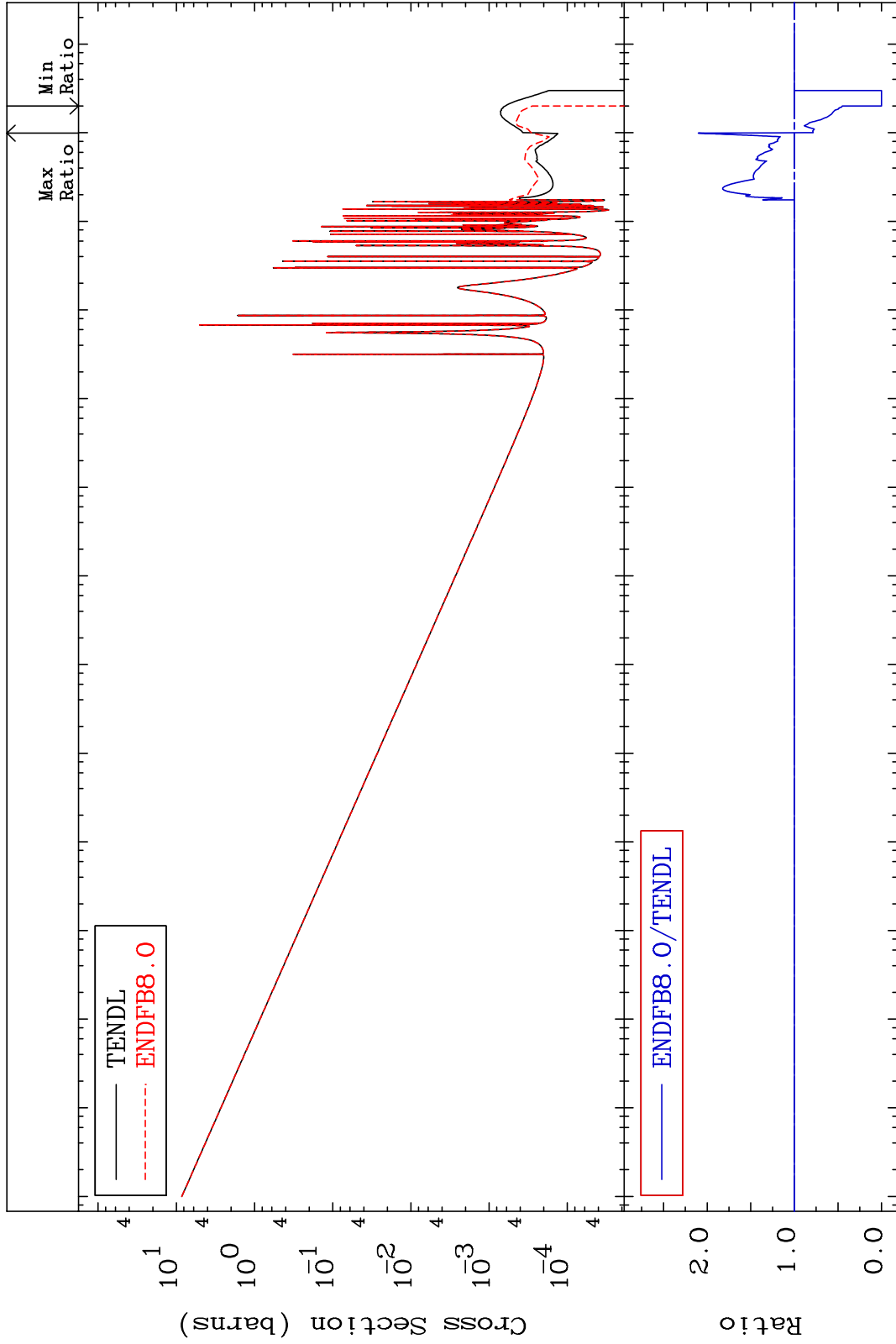
MAT 1425

(n, γ)

14-Si-28

Cross Section

-100.0 To 110.1 %

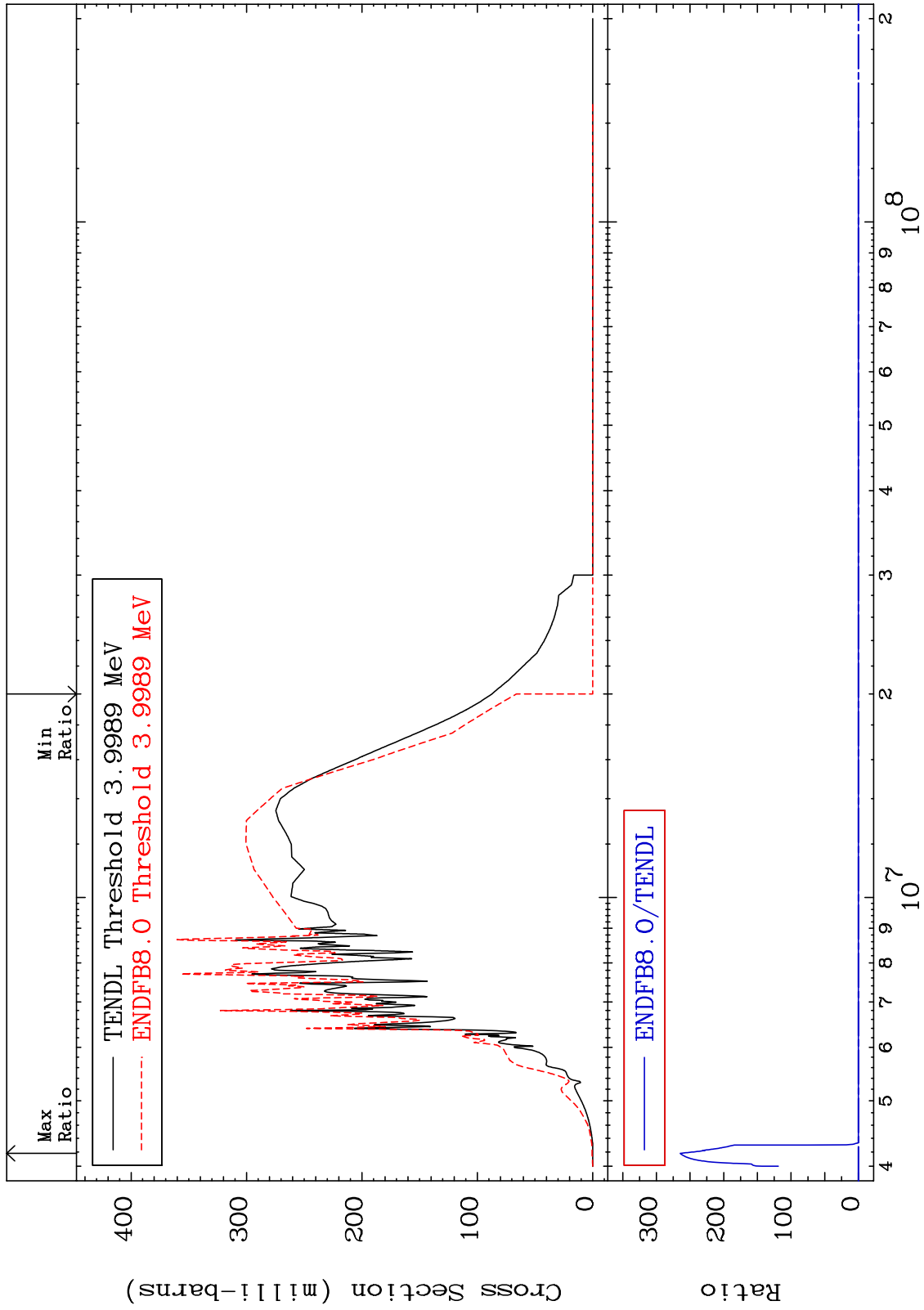


14-Si-28

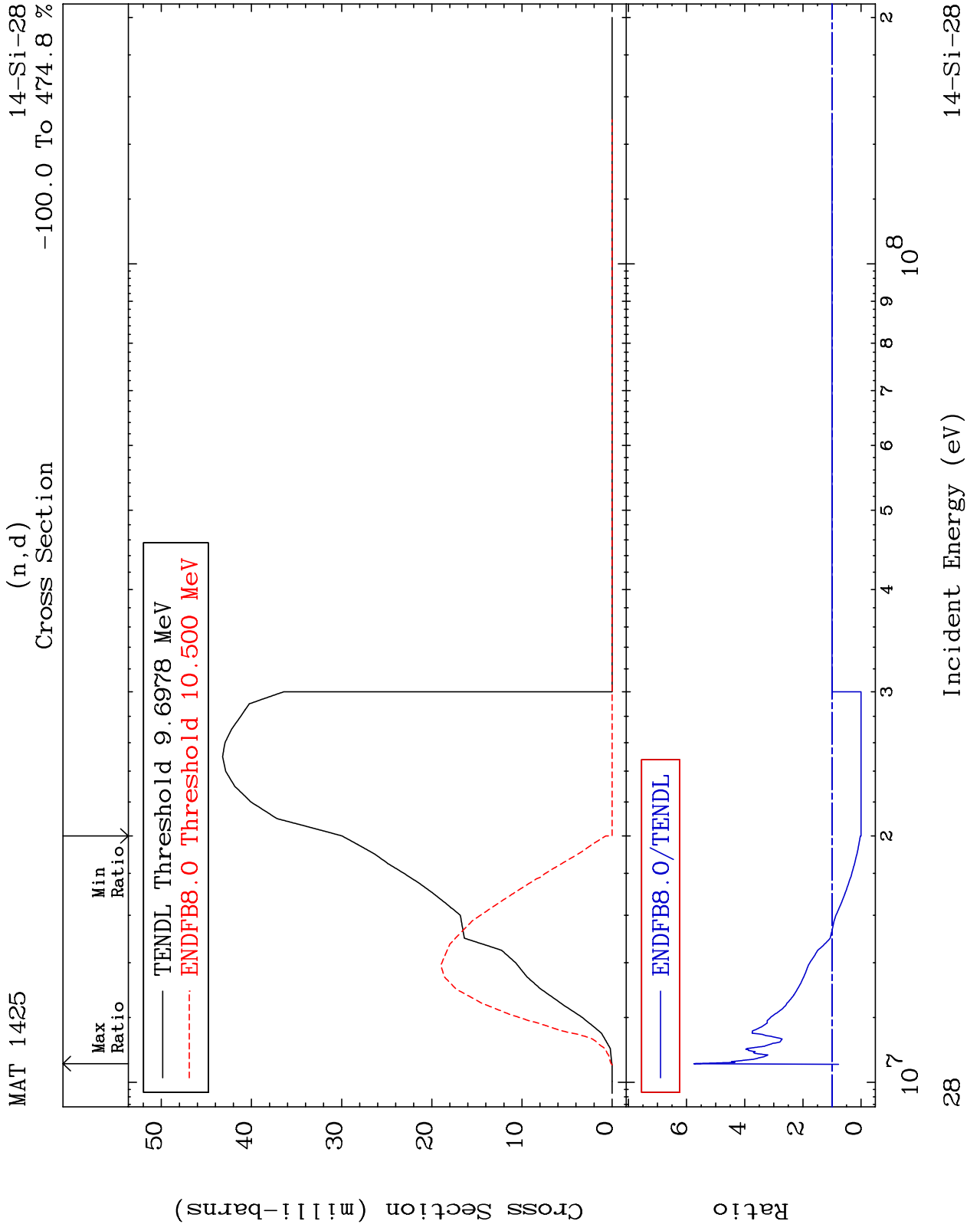
Incident Energy (eV)

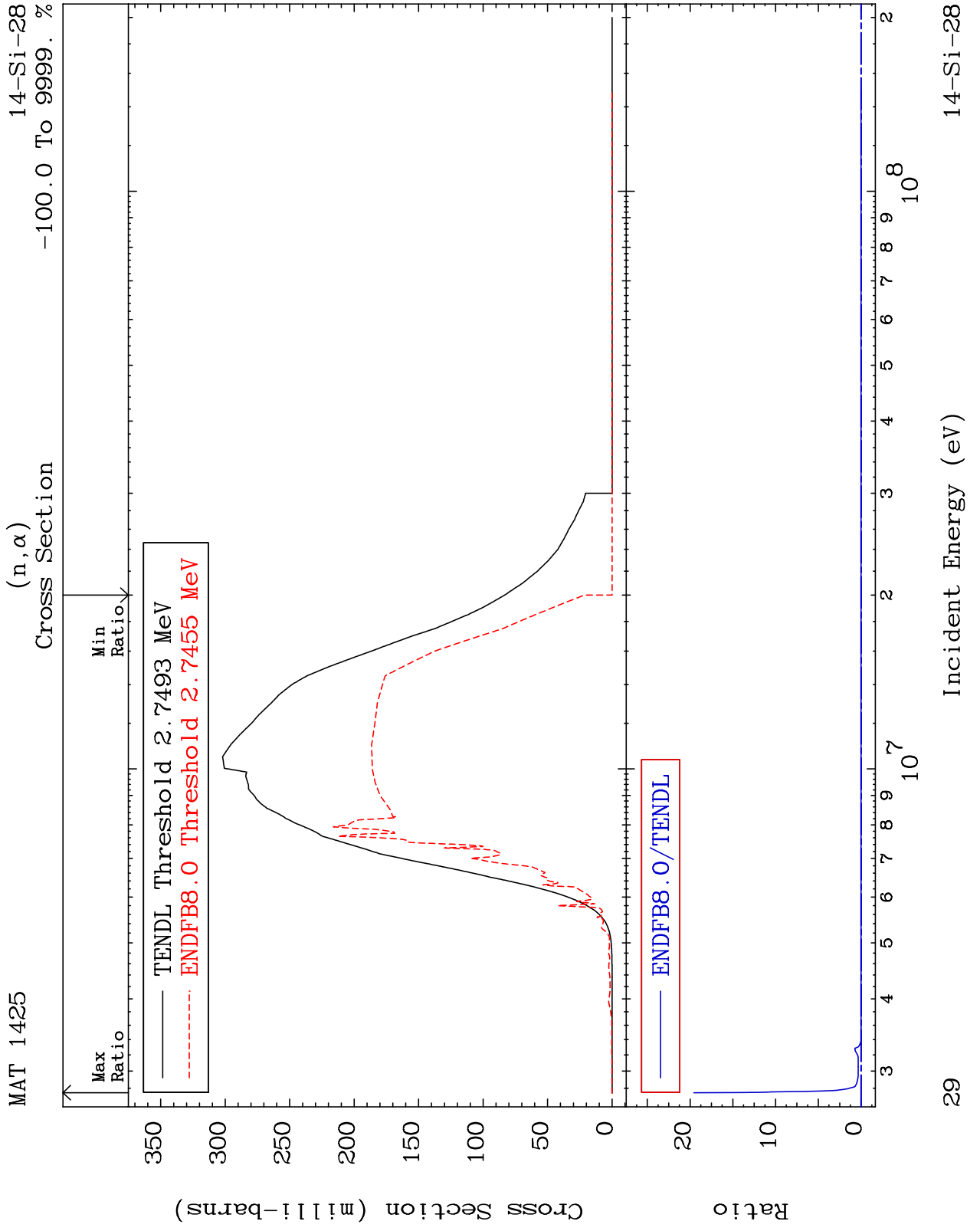
26

MAT 1425 (n,p) Cross Section 14-Si-28 -100.0 To 9999. %



27 Incident Energy (eV) 14-Si-28

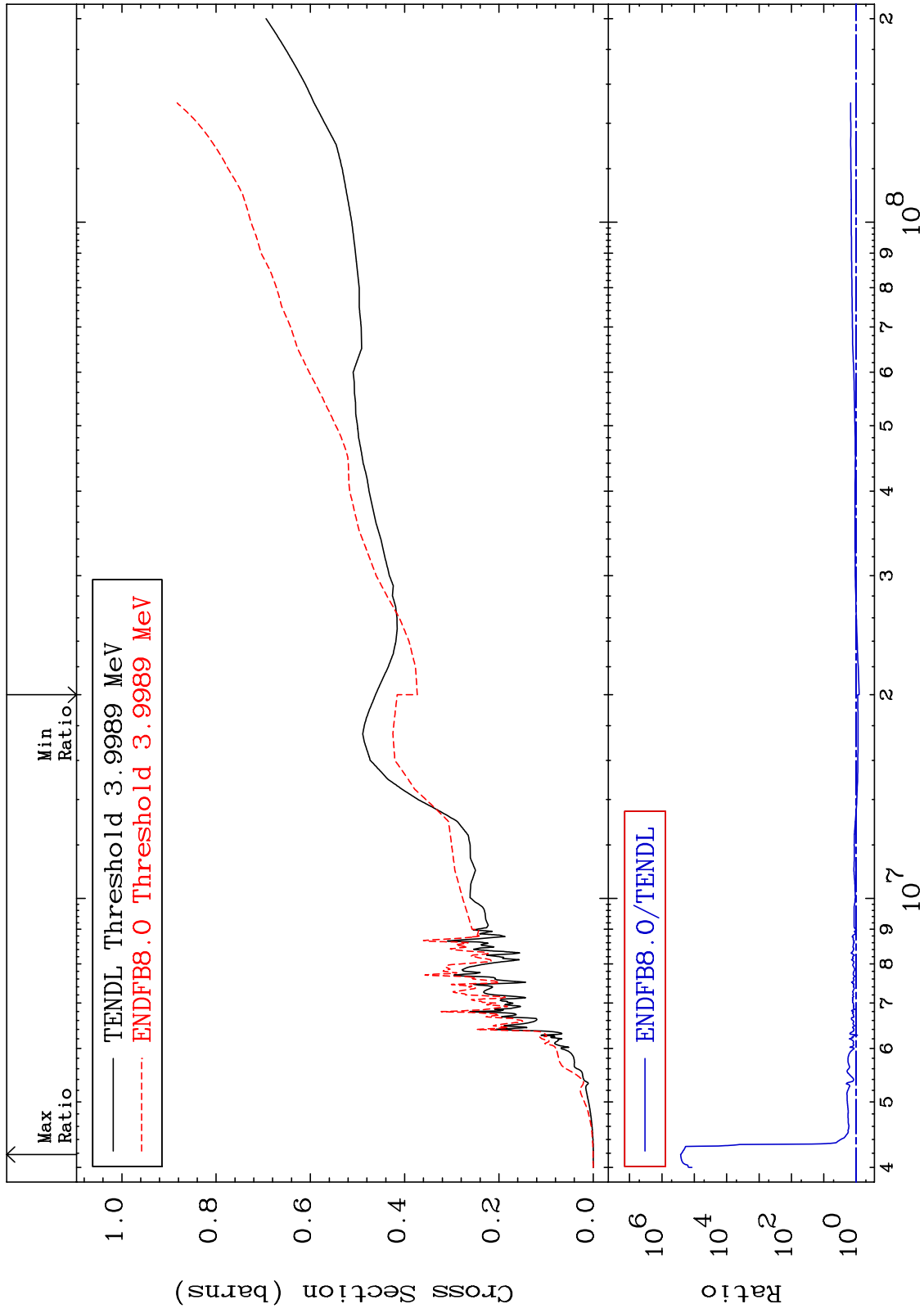




MAT 1425

Hydrogen Production
Cross Section

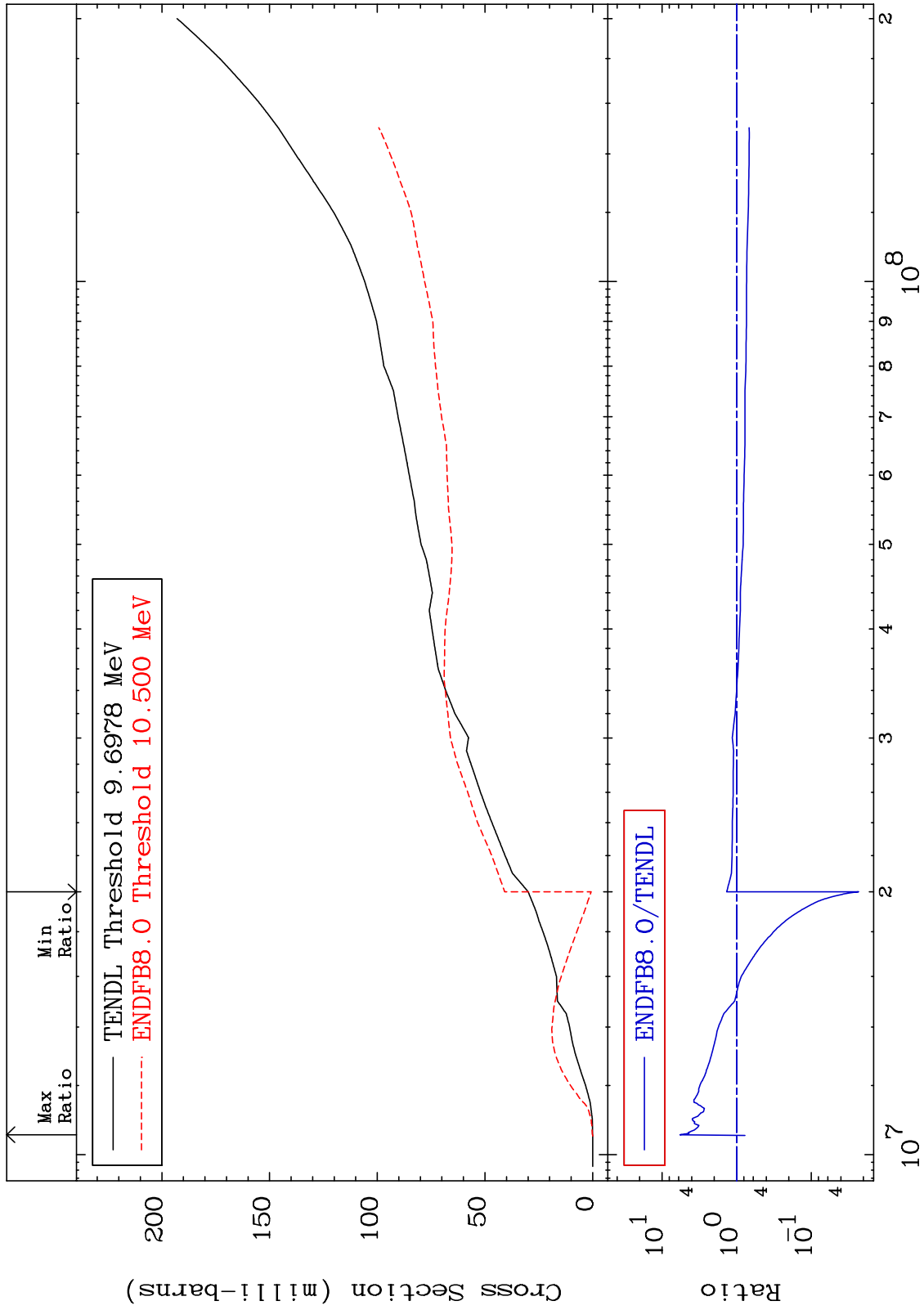
14-Si-28
-19.22 To 9999. %



MAT 1425

Deuterium Production
Cross Section

14-Si-28
-97.66 To 474.8 %



31

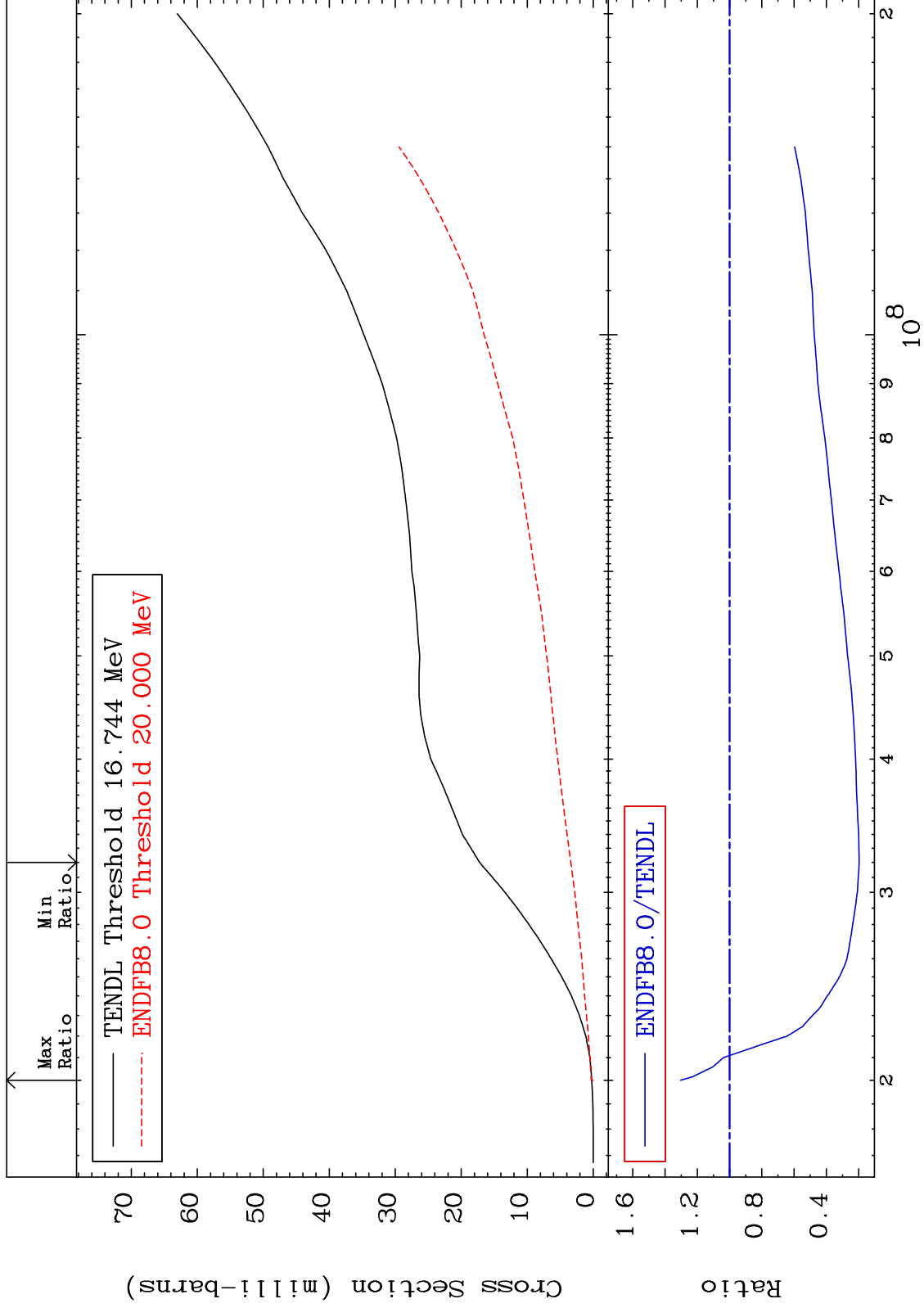
Incident Energy (eV)

14-Si-28

MAT 1425

Tritium Production
Cross Section

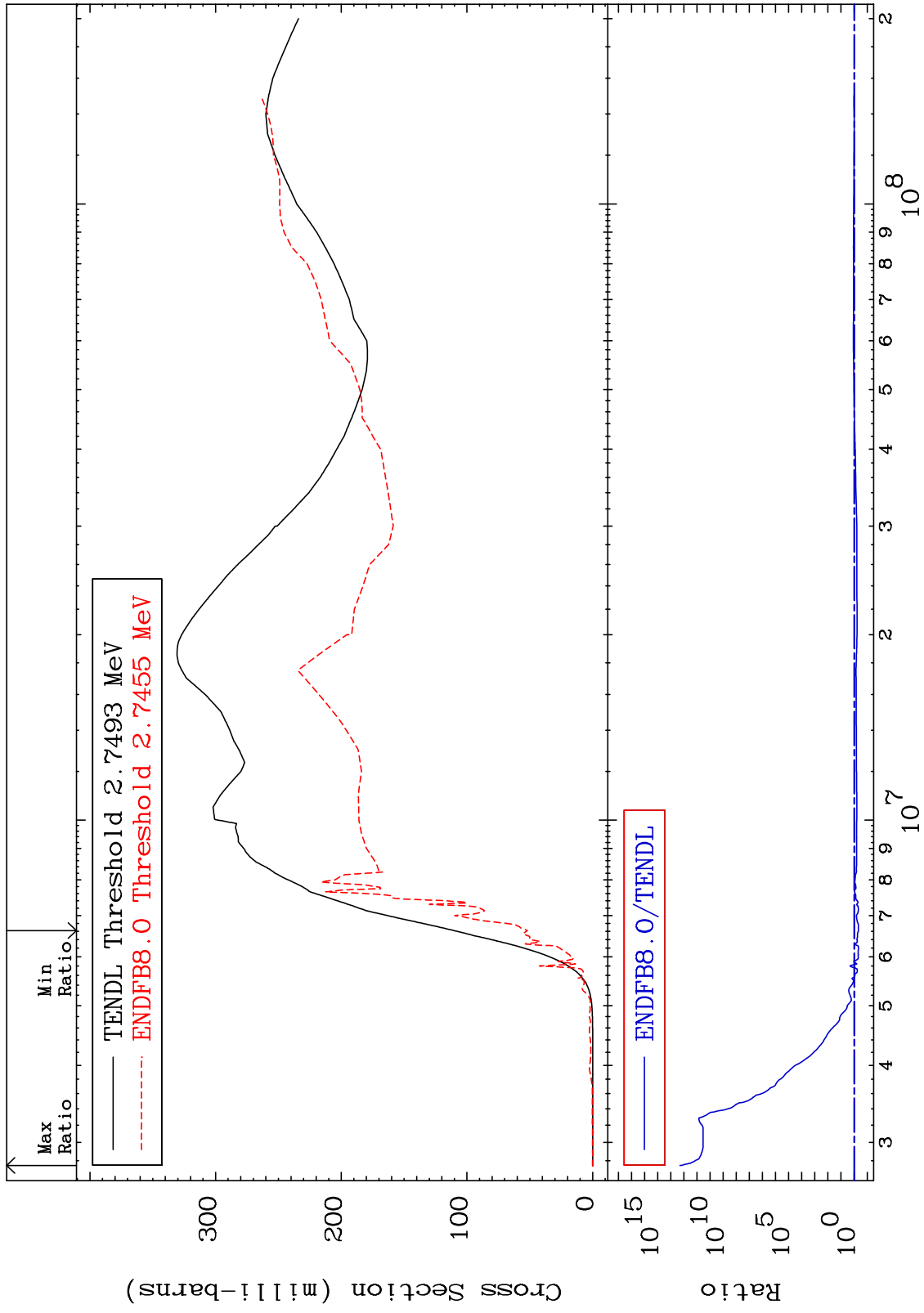
14-Si-28
-80.27 To 30.32 %

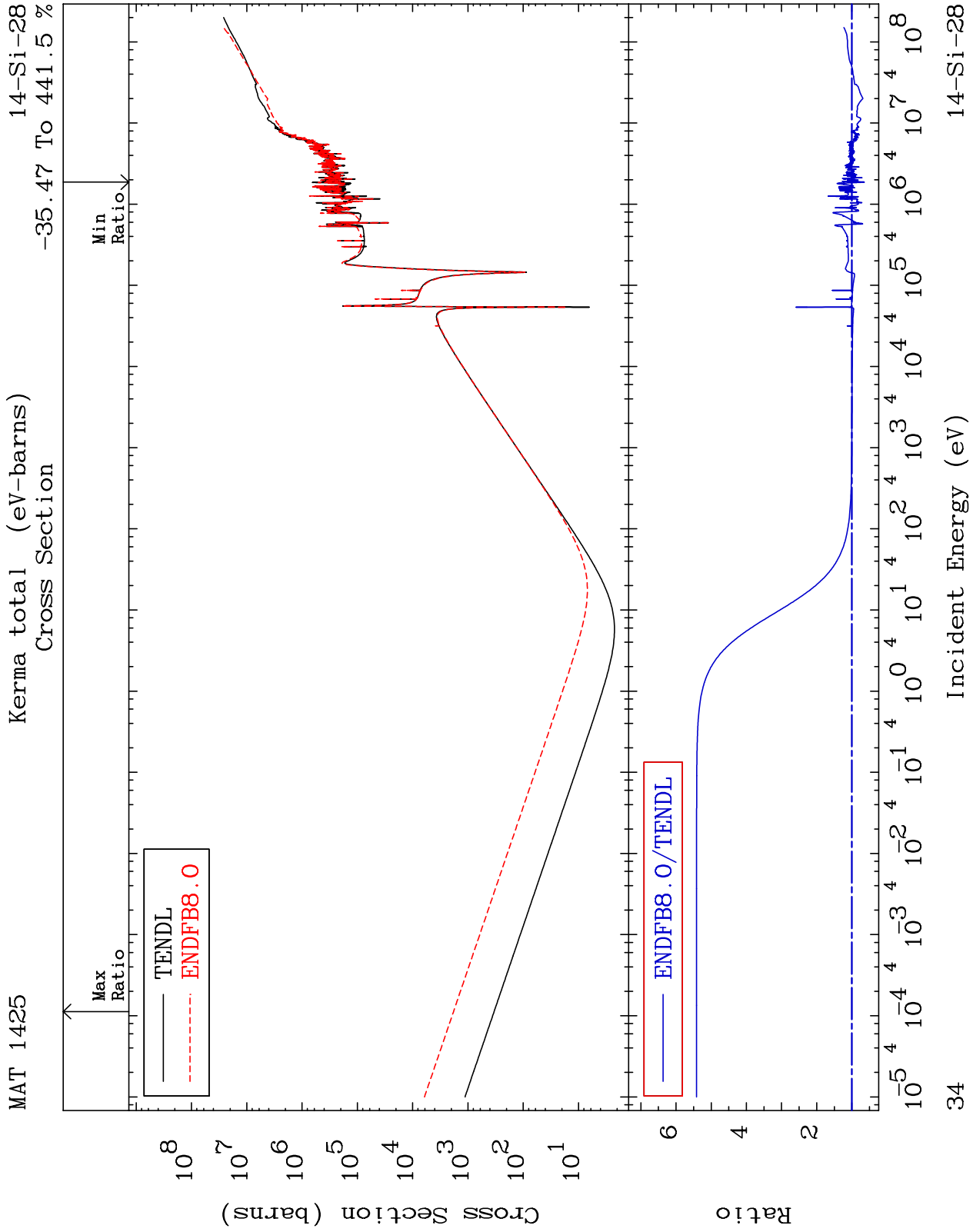


MAT 1425

He-4 Production
Cross Section

14-Si-28
-52.95 To 9999. %

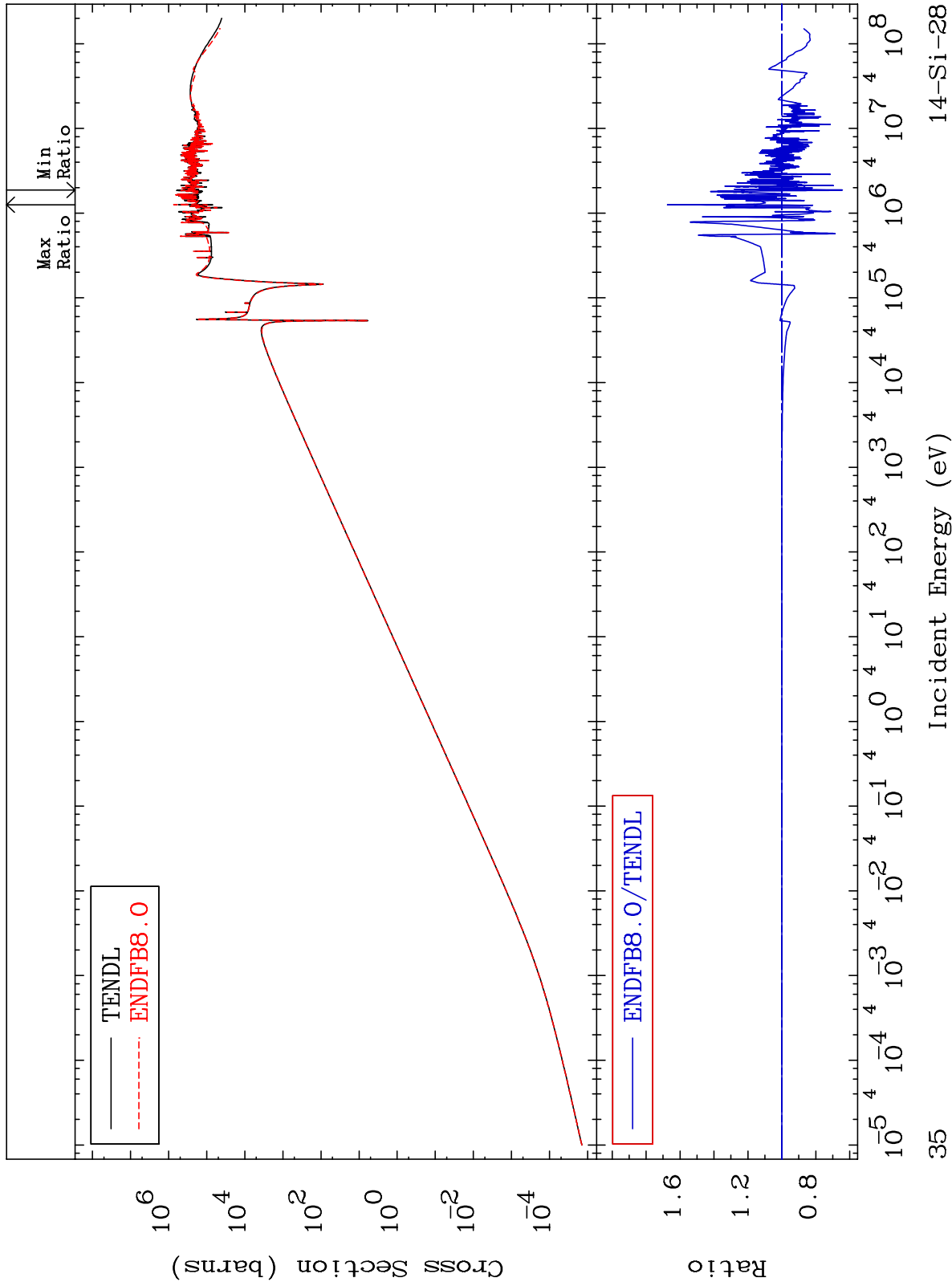




MAT 1425

Kerma elastic
Cross Section

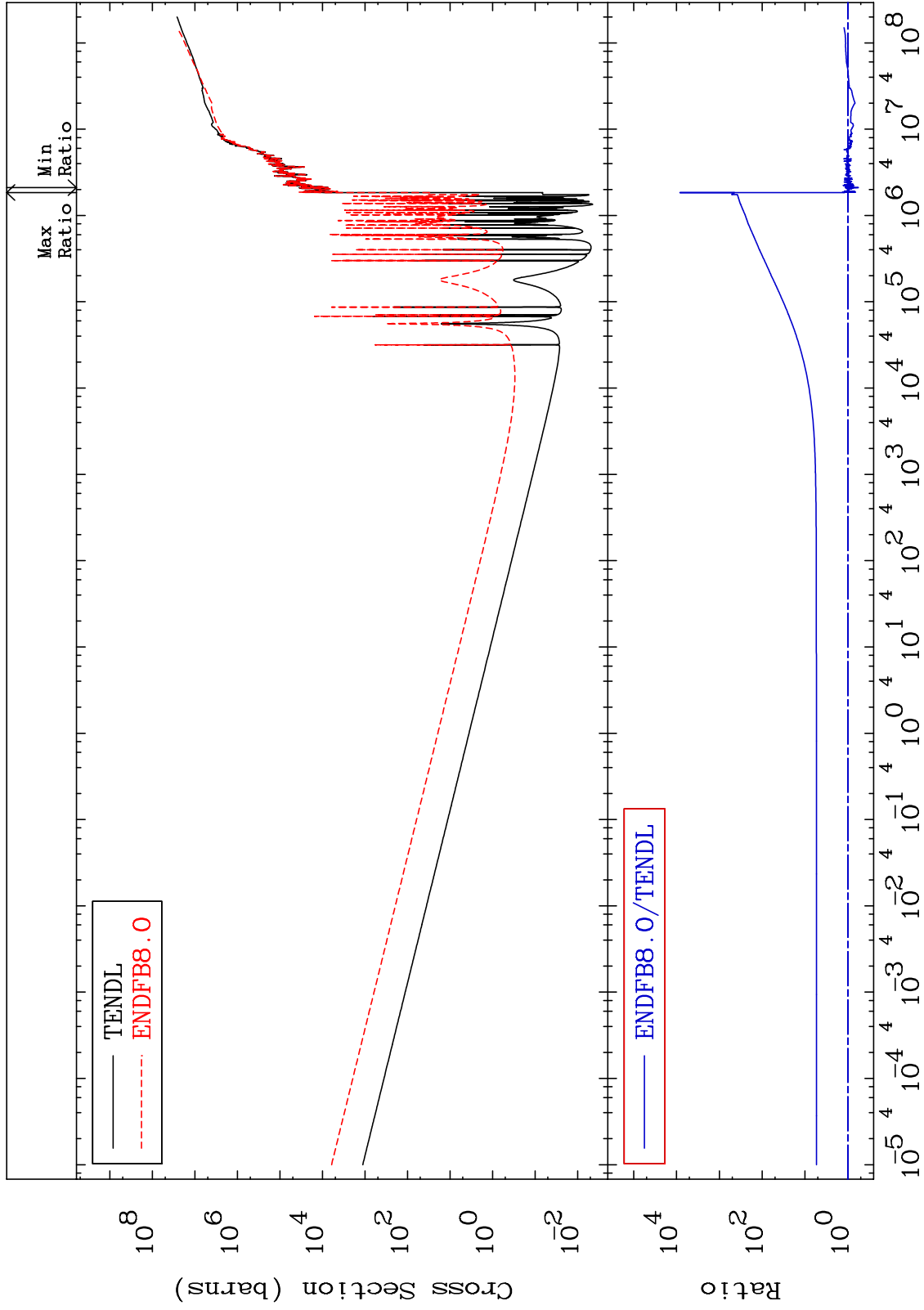
14-Si-28
-35.86 To 67.35 %



MAT 1425

Kerma non-elastic (all but mt2)
Cross Section

14-Si-28
-43.50 To 9999. %



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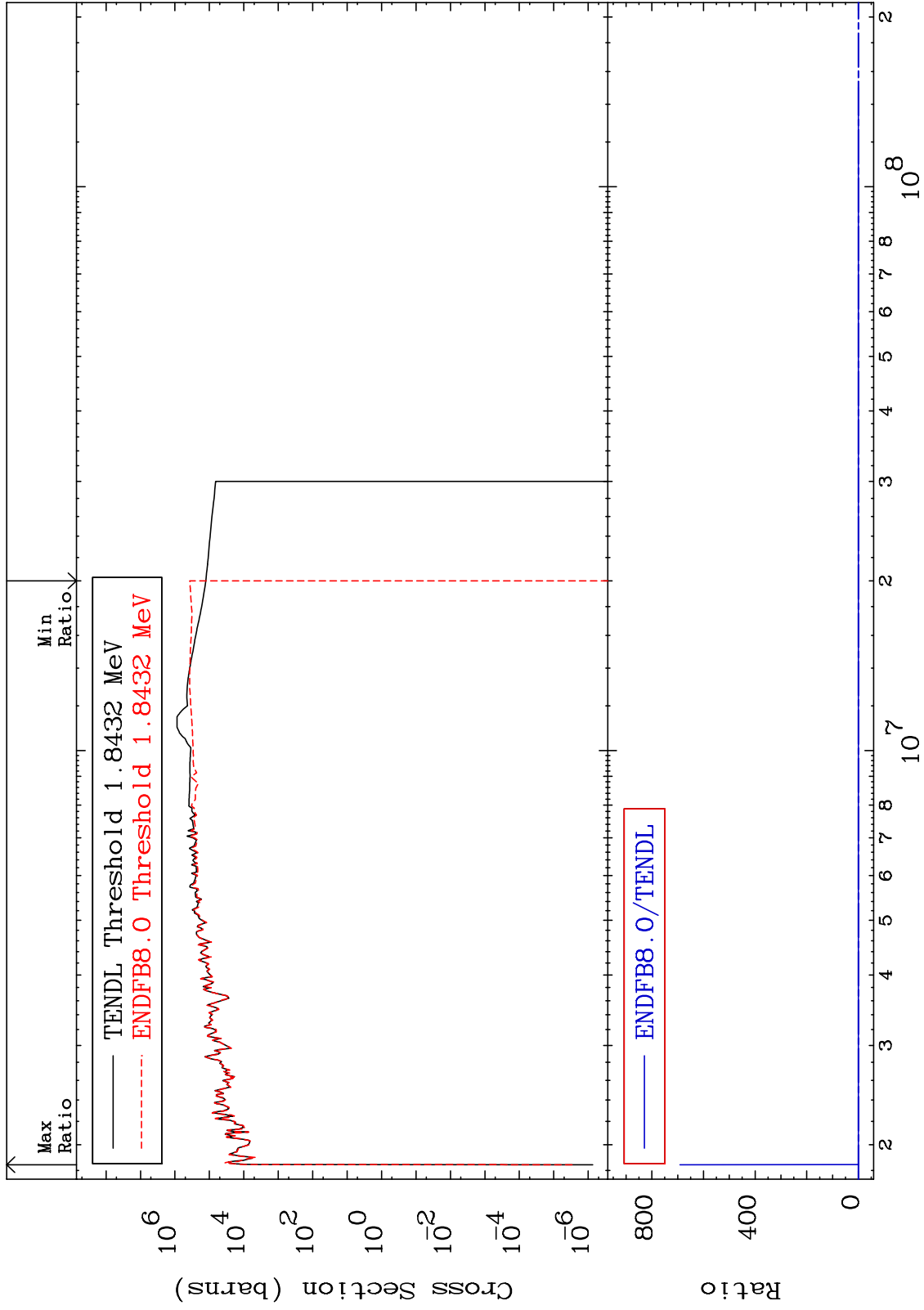
Incident Energy (eV)

14-Si-28

MAT 1425

Kerma inelastic (mt51-91)
Cross Section

14-Si-28
-100.0 To 9999. %



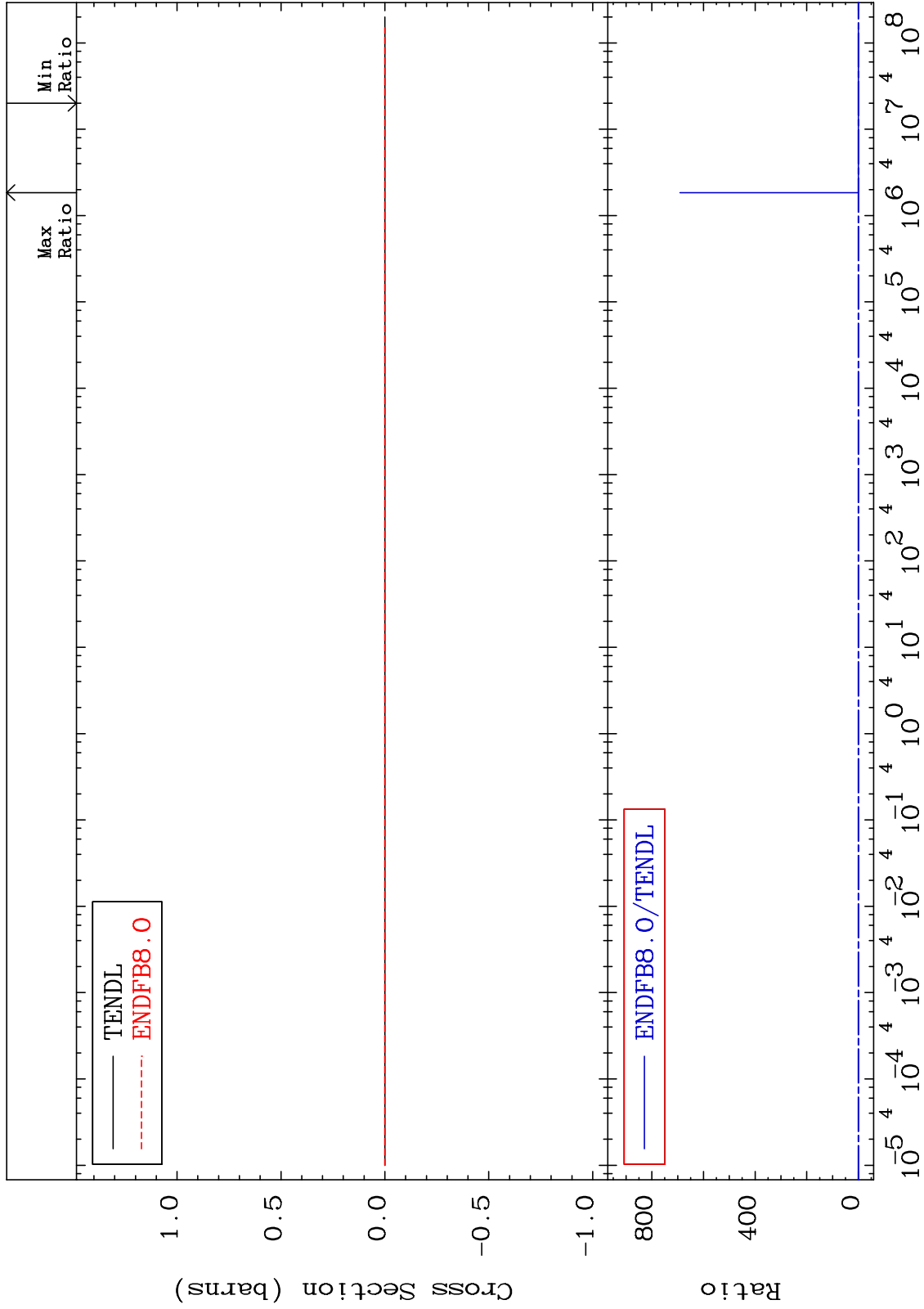
37

14-Si-28

MAT 1425

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

14-Si-28
-100.0 To 9999. %



38

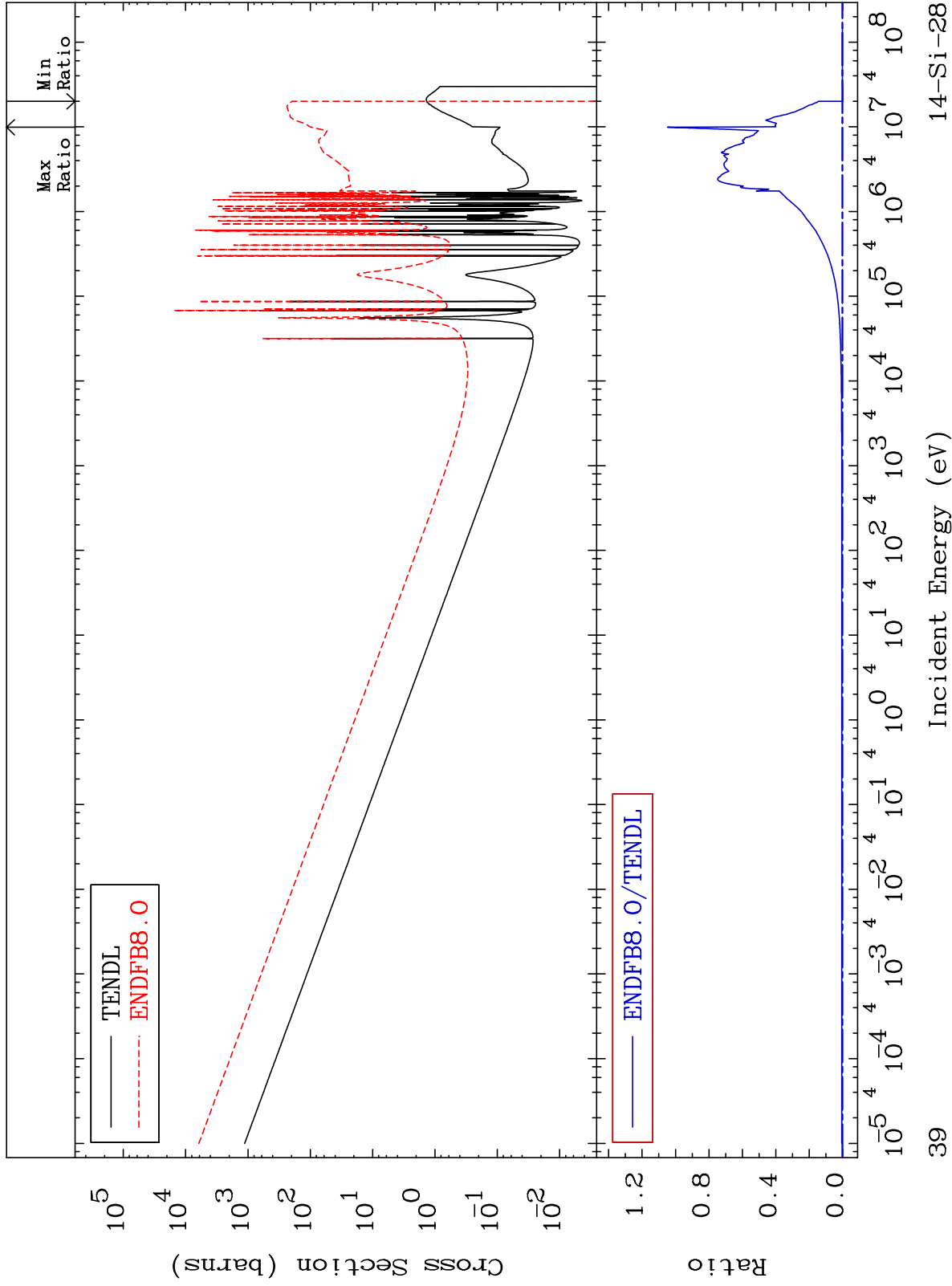
Incident Energy (eV)

14-Si-28

MAT 1425

Kerma capture (mt102)
Cross Section

14-Si-28
-100.0 To 9999. %



39

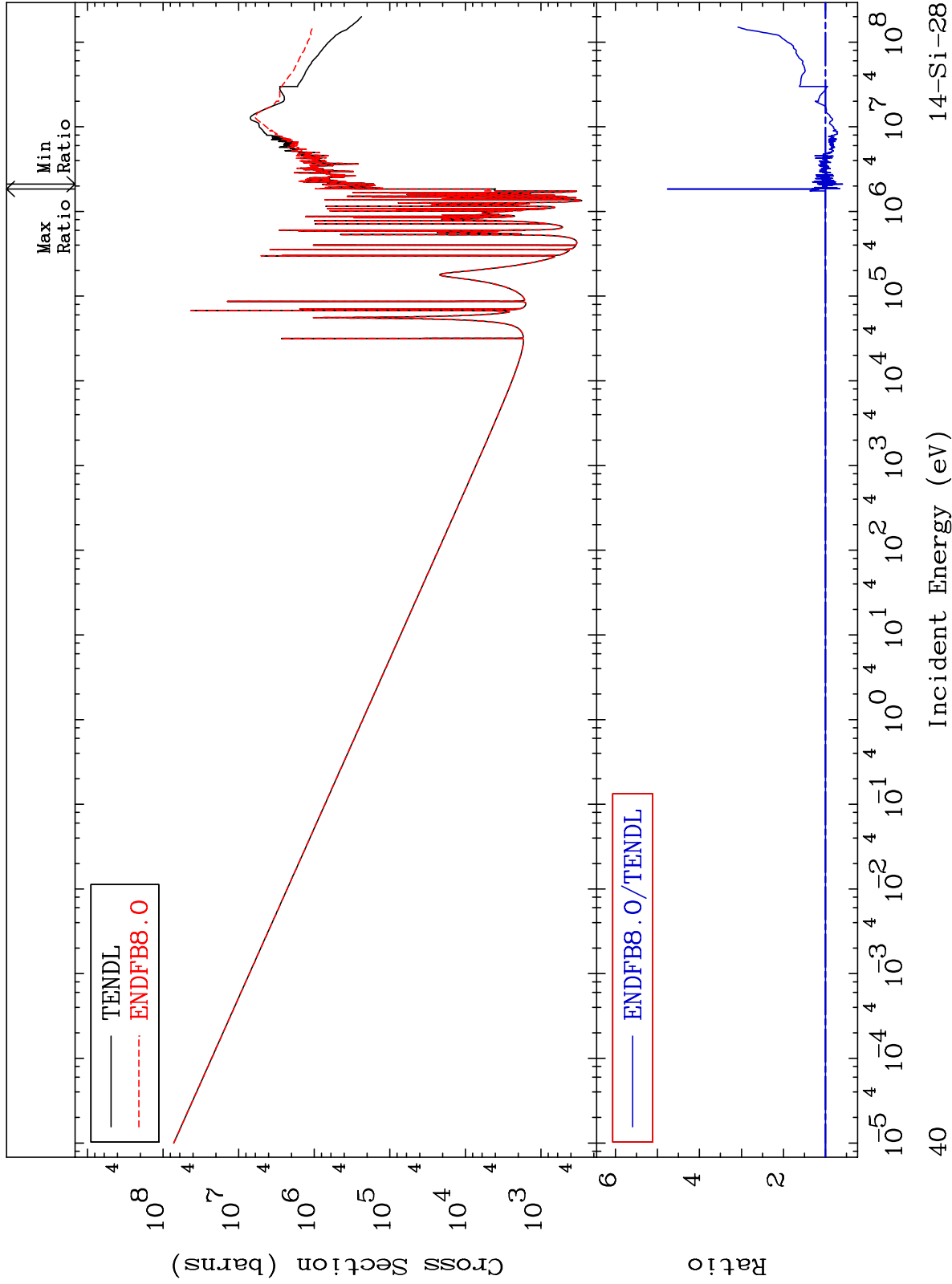
Incident Energy (eV)

14-Si-28

MAT 1425

Total photon (eV-barns)
Cross Section

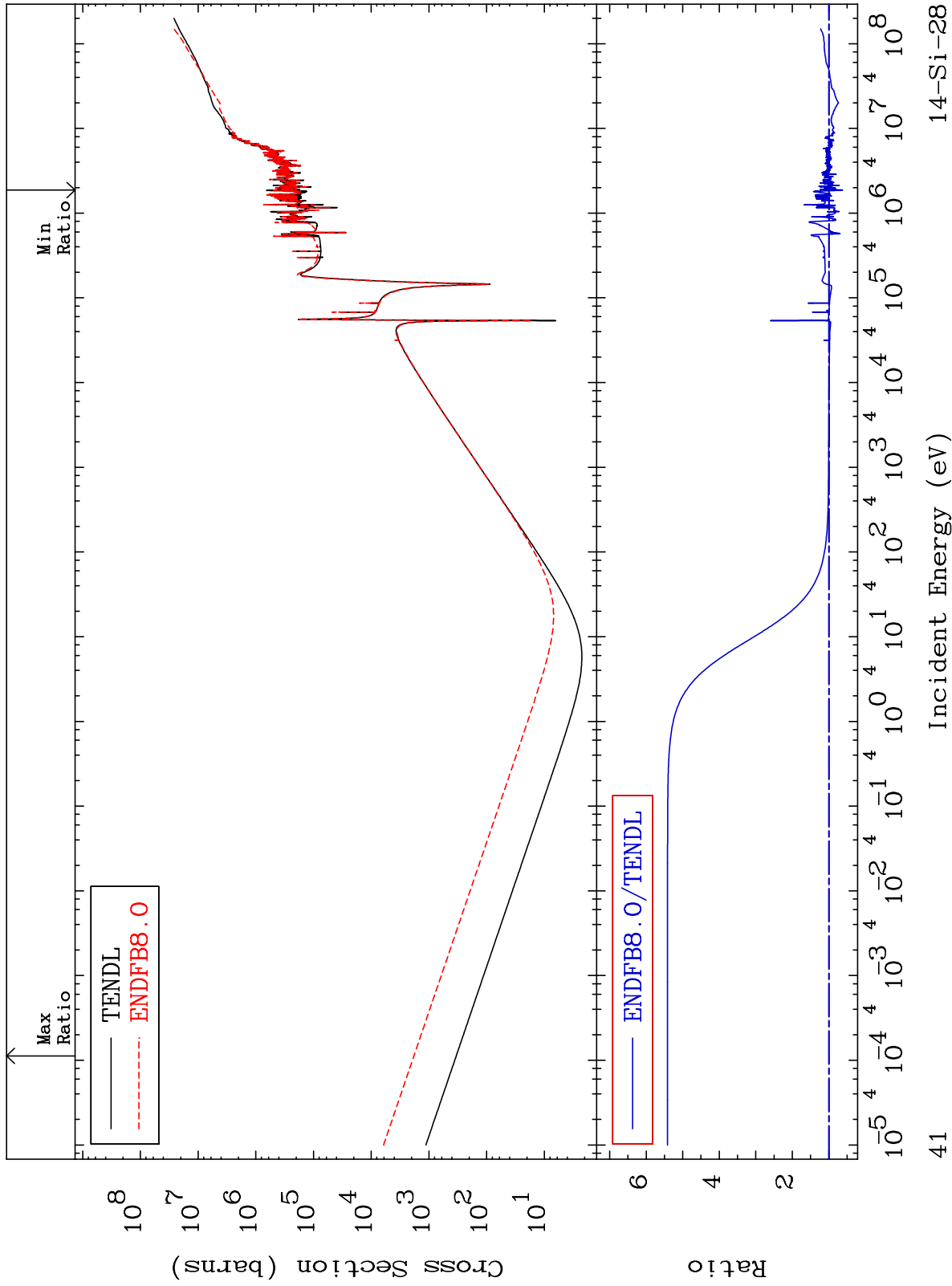
14-Si-28
-41.09 To 376.1 %



40

14-Si-28

MAT 1425 Total kinematic kerma (high limit) 14-Si-28
 Cross Section -37.93 To 441.5 %



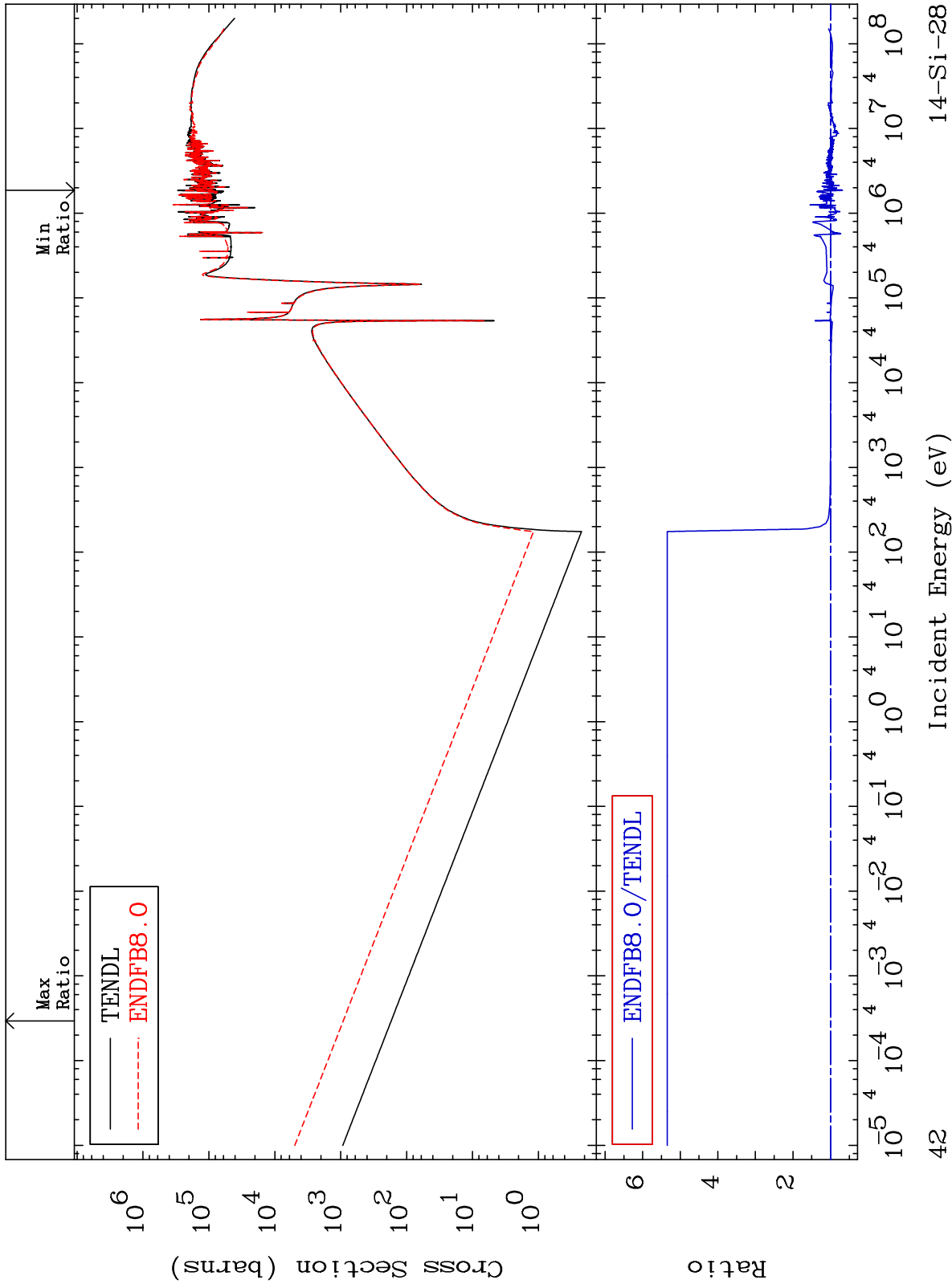
14-Si-28

41

MAT 1425

Dpa total (eV-barns)
Cross Section

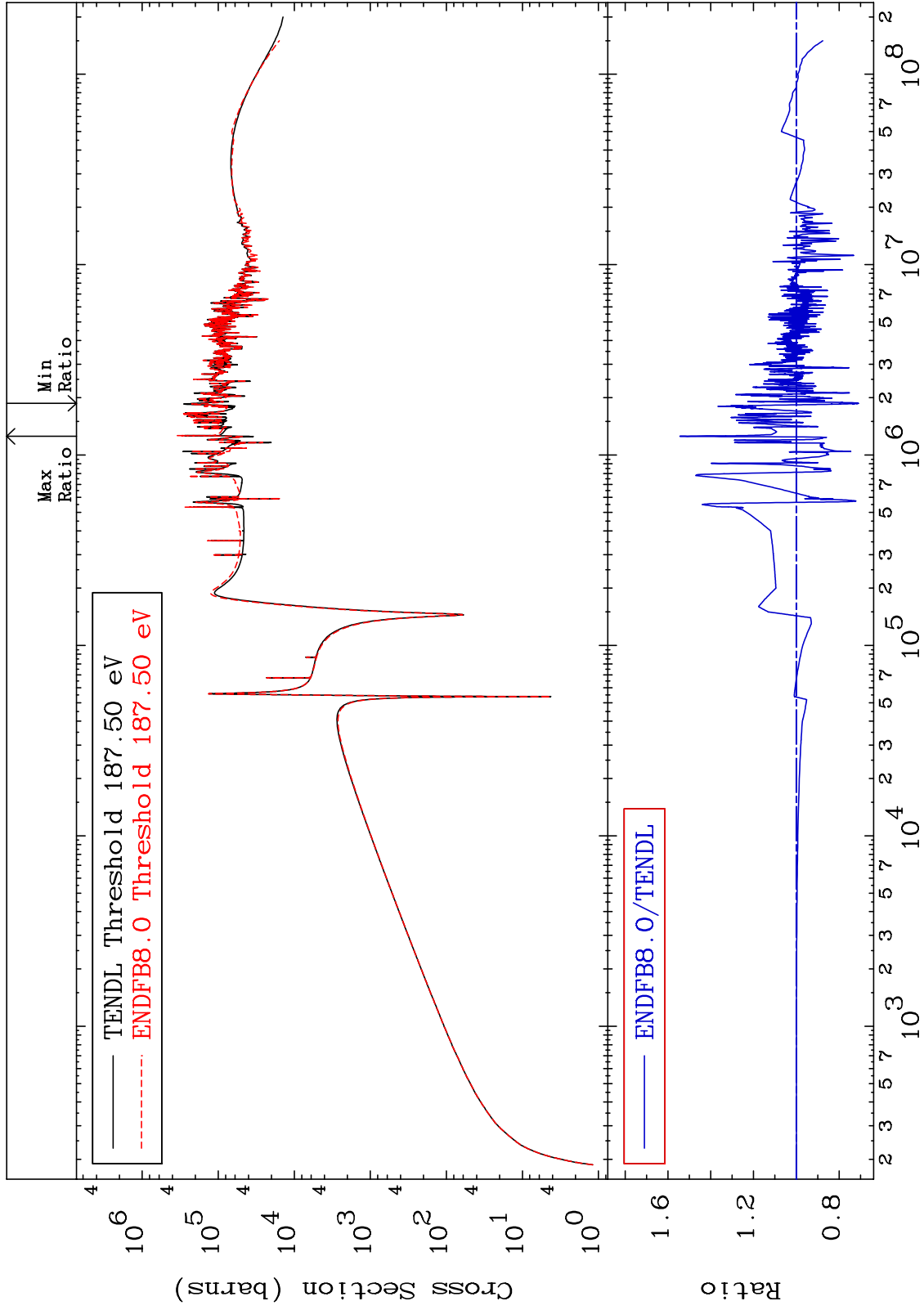
14-Si-28
-32.11 To 434.5 %



MAT 1425

Dpa elastic (mt2)
Cross Section

14-Si-28
-29.01 To 54.34 %

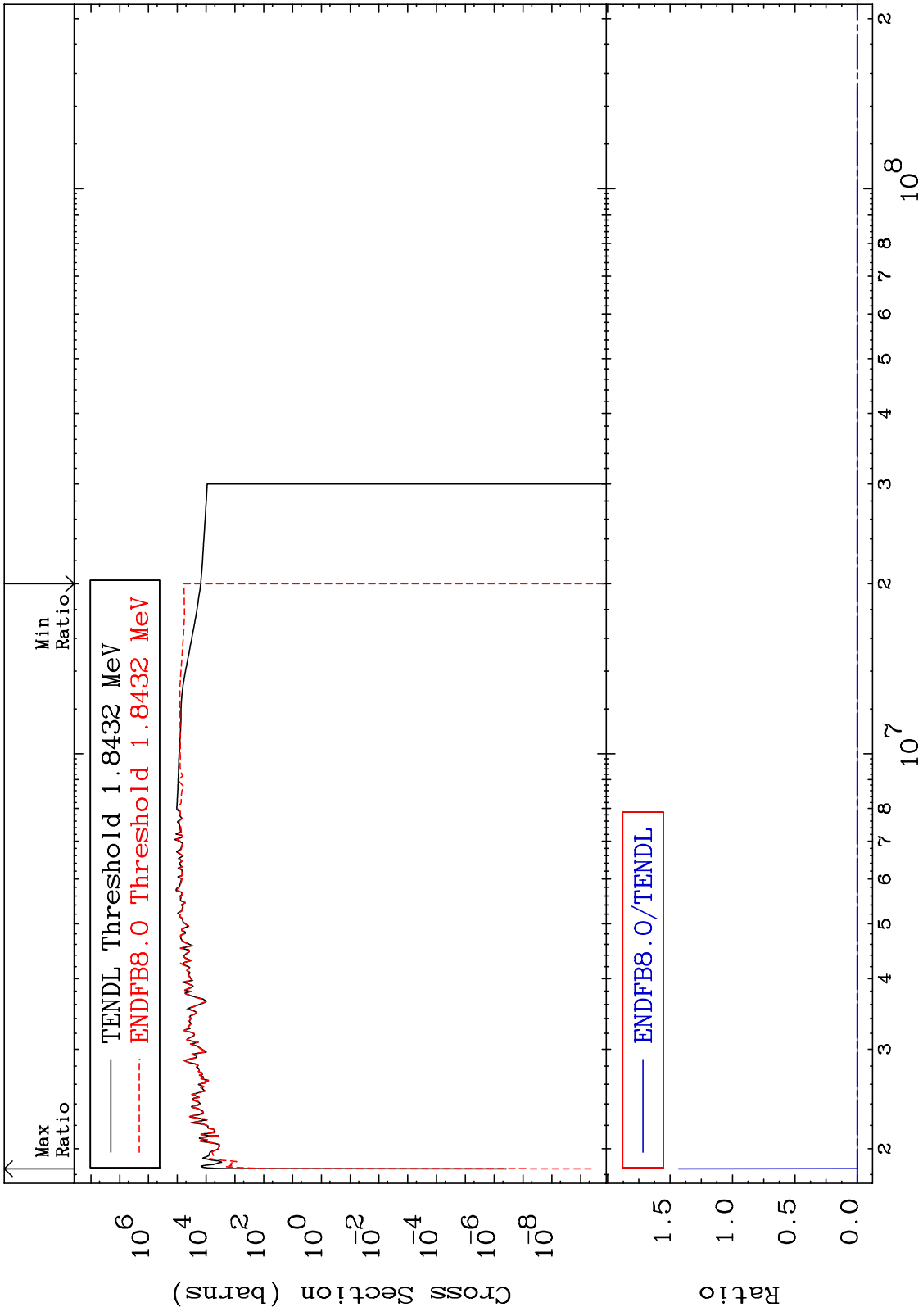


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Incident Energy (eV)

14-Si-28

MAT 1425 Dpa inelastic (mt51-91) 14-Si-28
 -100.0 To 9999. %
 Cross Section



MAT 1425

Dpa disappearance (mt102 -120)
Cross Section

14-Si-28
-100.0 To 9999. %

