

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

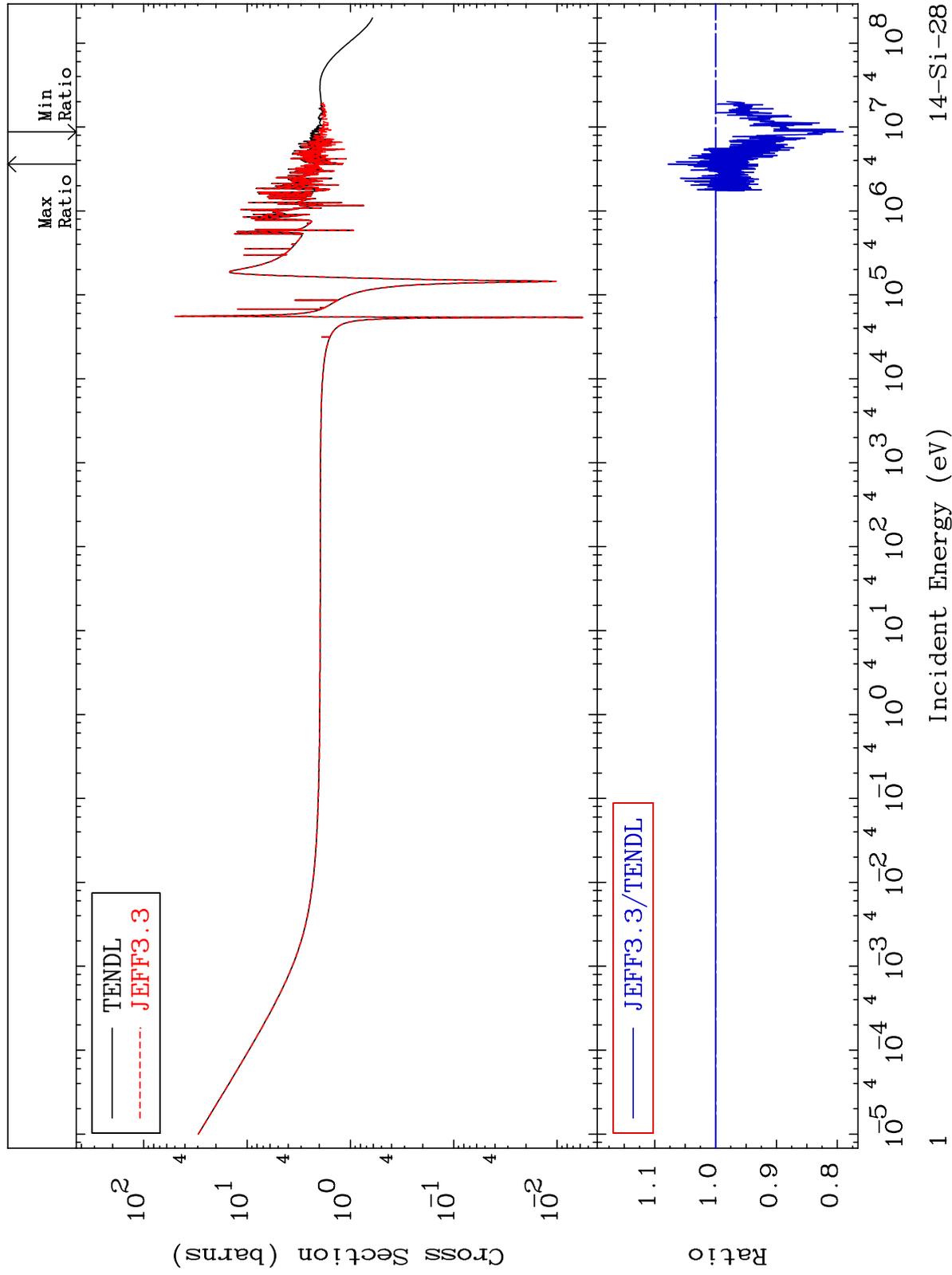
MAT 1425

Total

14-Si-28

Cross Section

-20.94 To 7.801 %



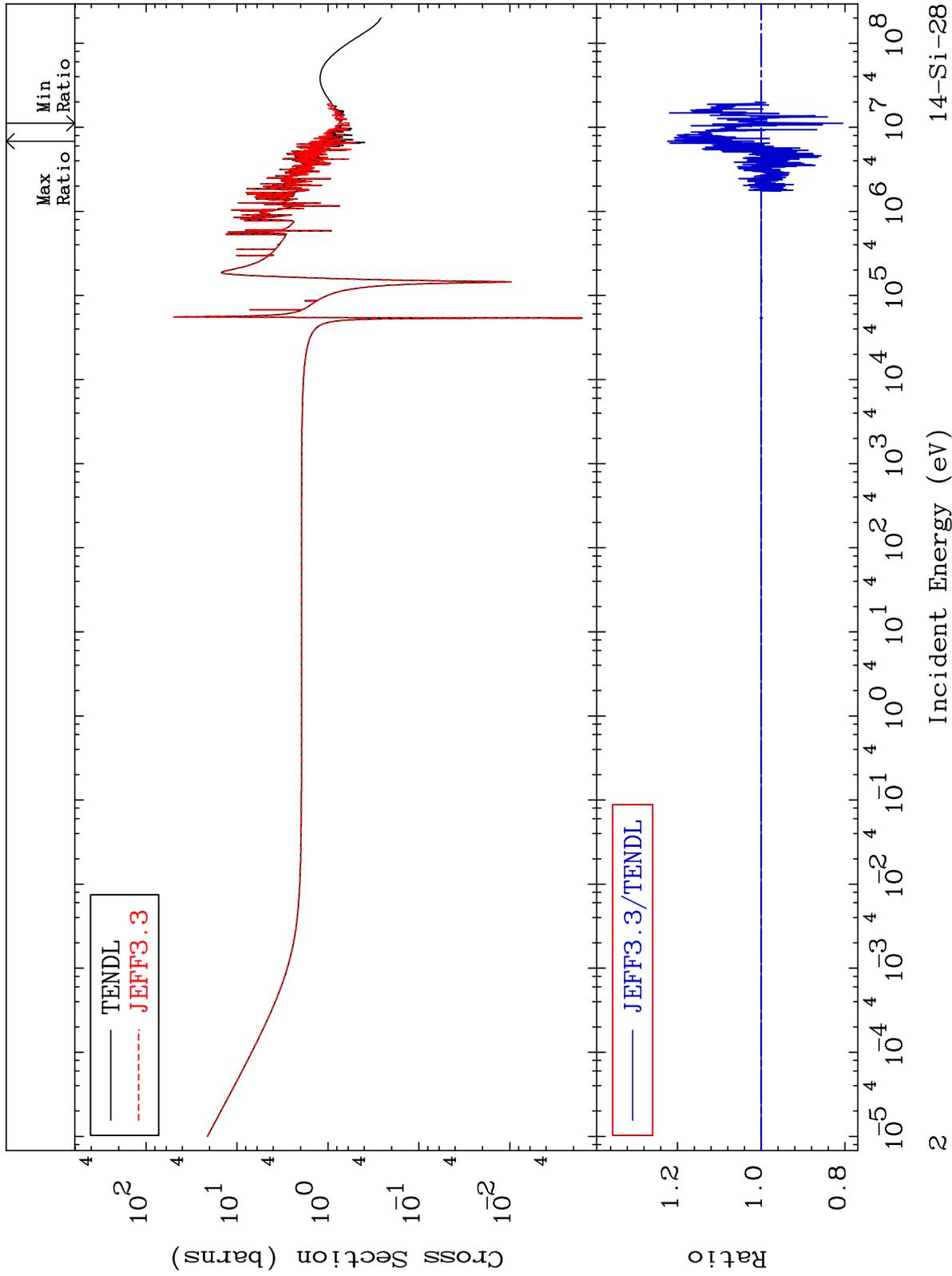
Incident Energy (eV)

14-Si-28

MAT 1425

Elastic
Cross Section

14-Si-28
-19.48 To 22.36 %



14-Si-28

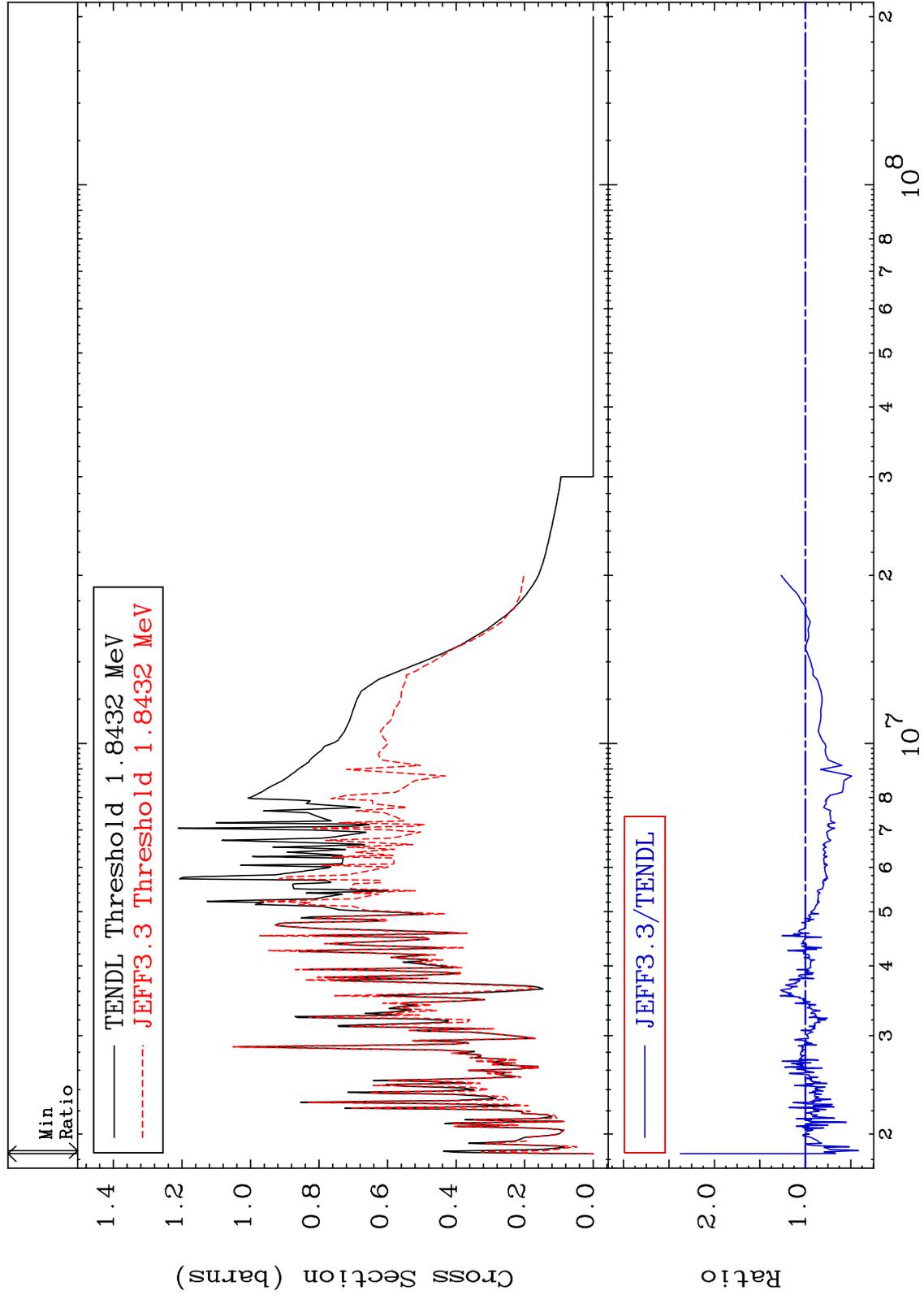
Incident Energy (eV)

2

MAT 1425

Inelastic
Cross Section

14-Si-28
-58.52 To 137.5 %



3

Incident Energy (eV)

14-Si-28

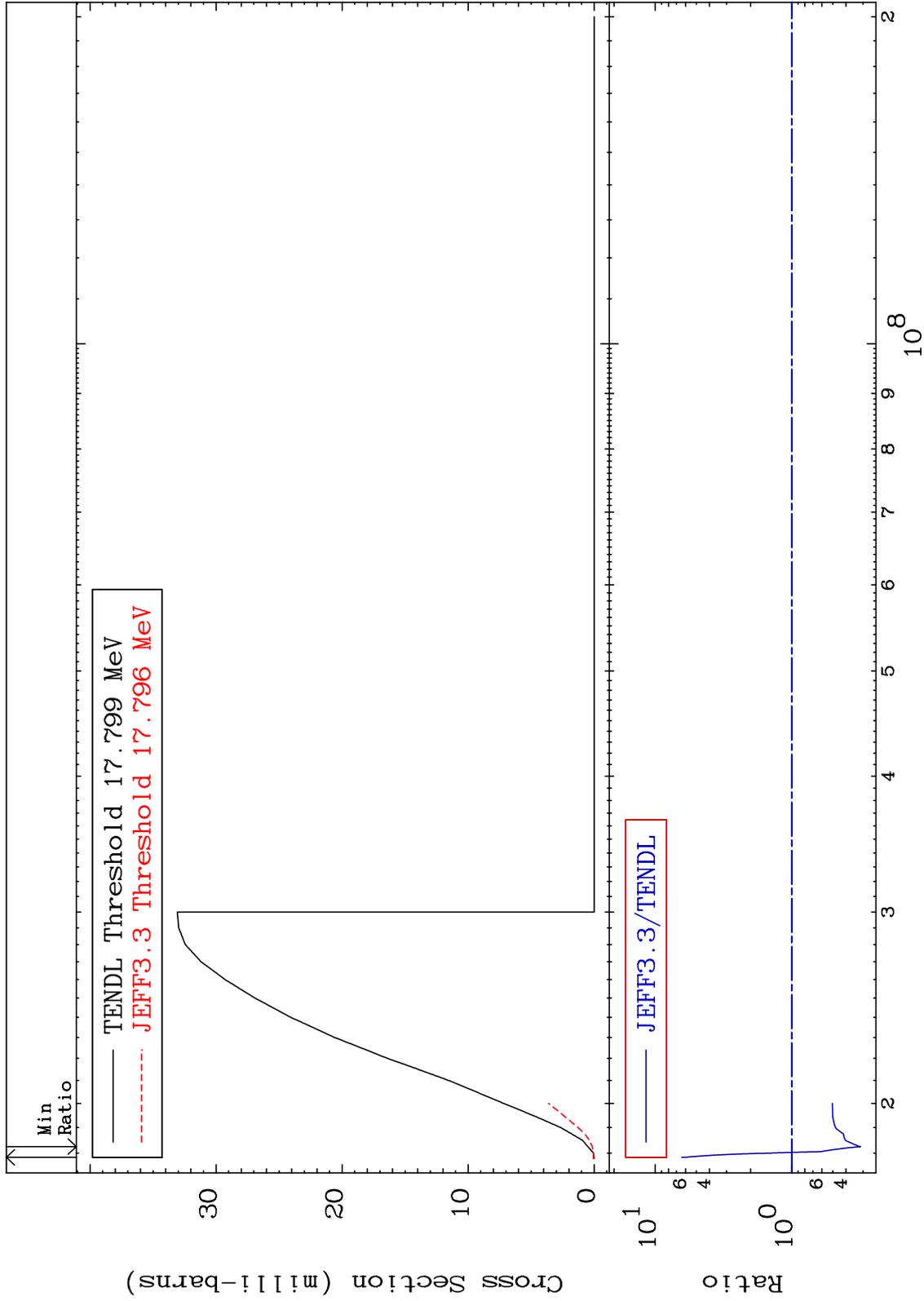
MAT 1425

(n,2n)

14-Si-28

Cross Section

-68.77 To 539.5 %



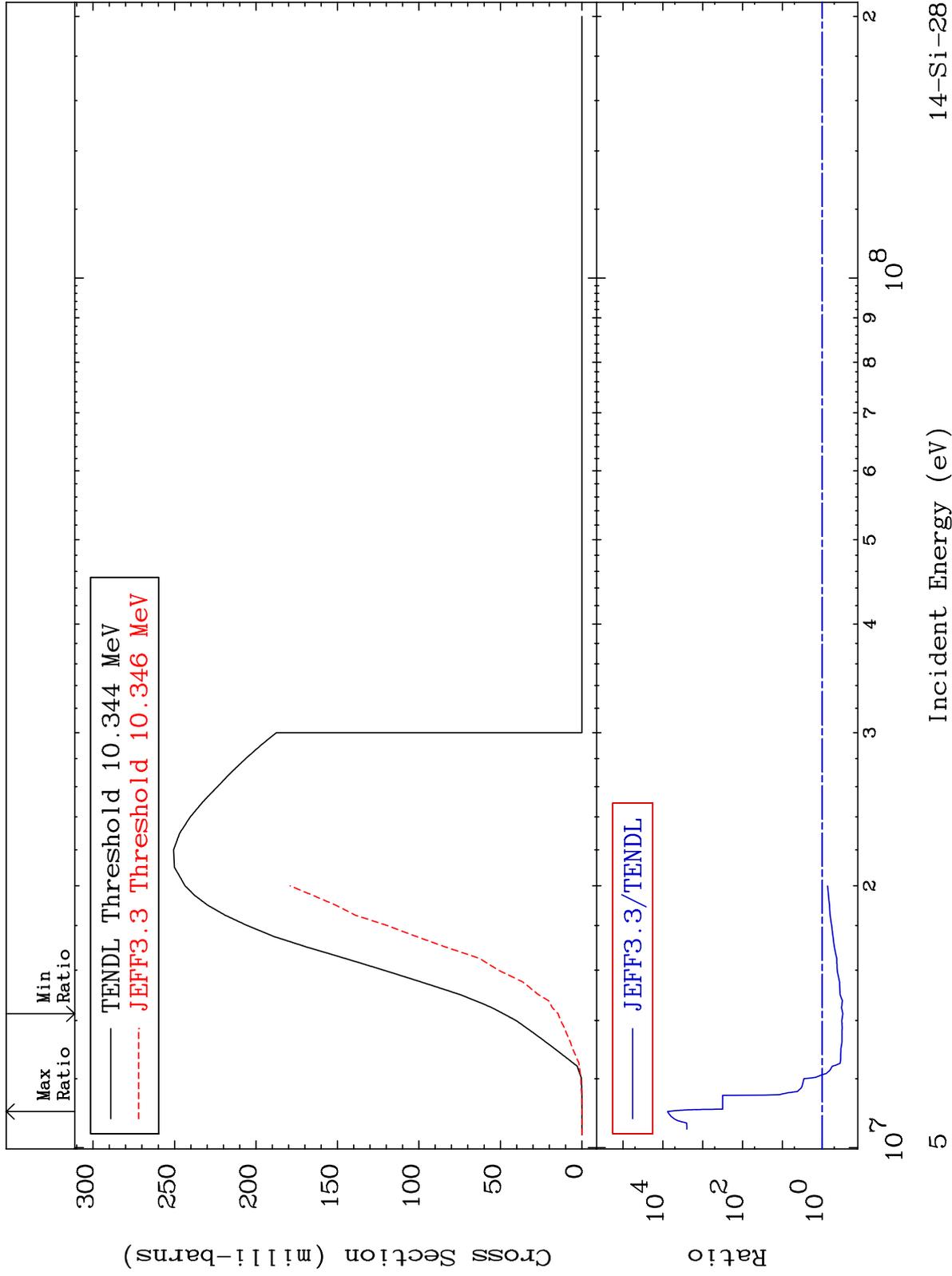
MAT 1425

(n,n') α

14-Si-28

Cross Section

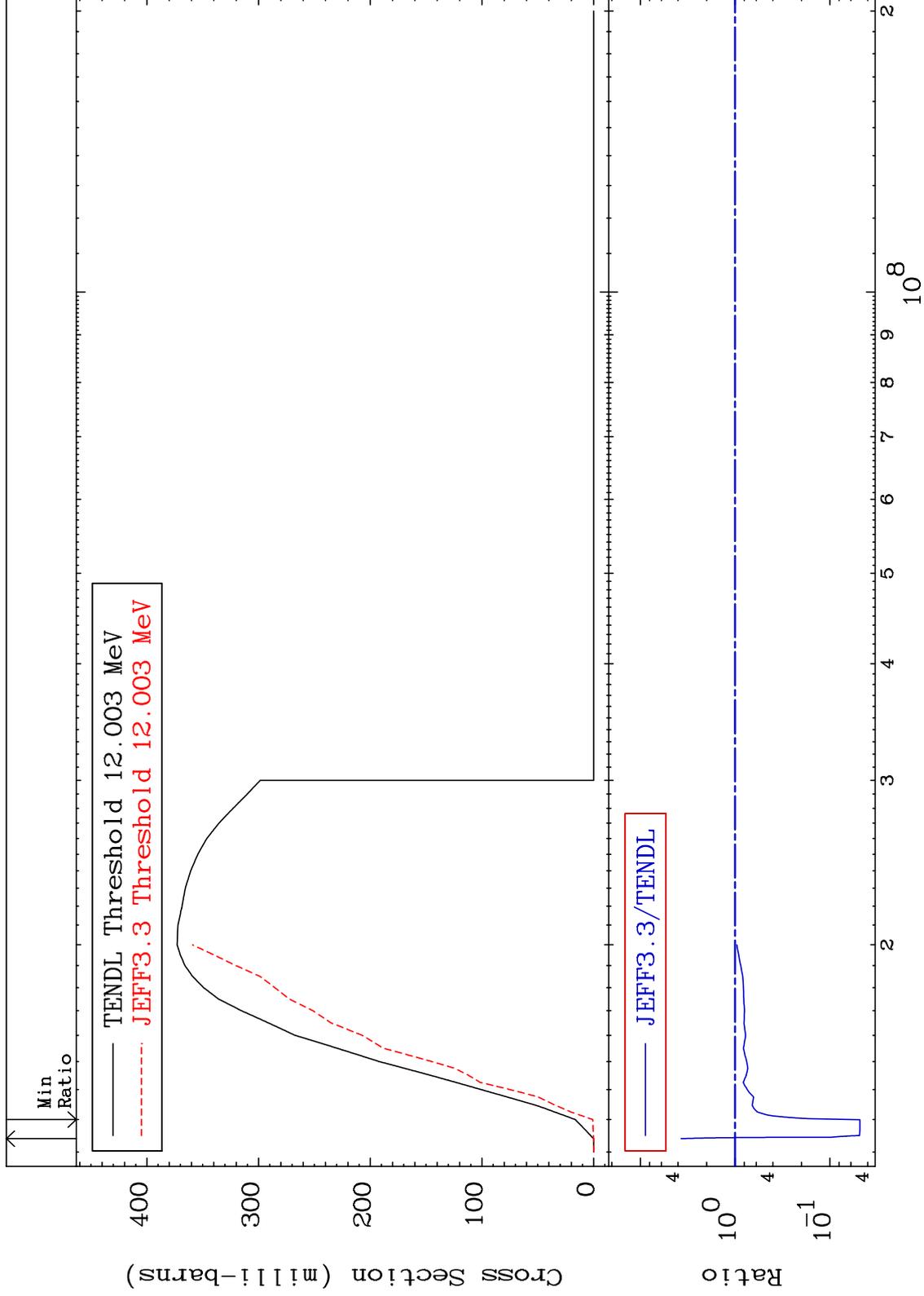
-69.64 To 9999. %



MAT 1425

(n,n') p
Cross Section

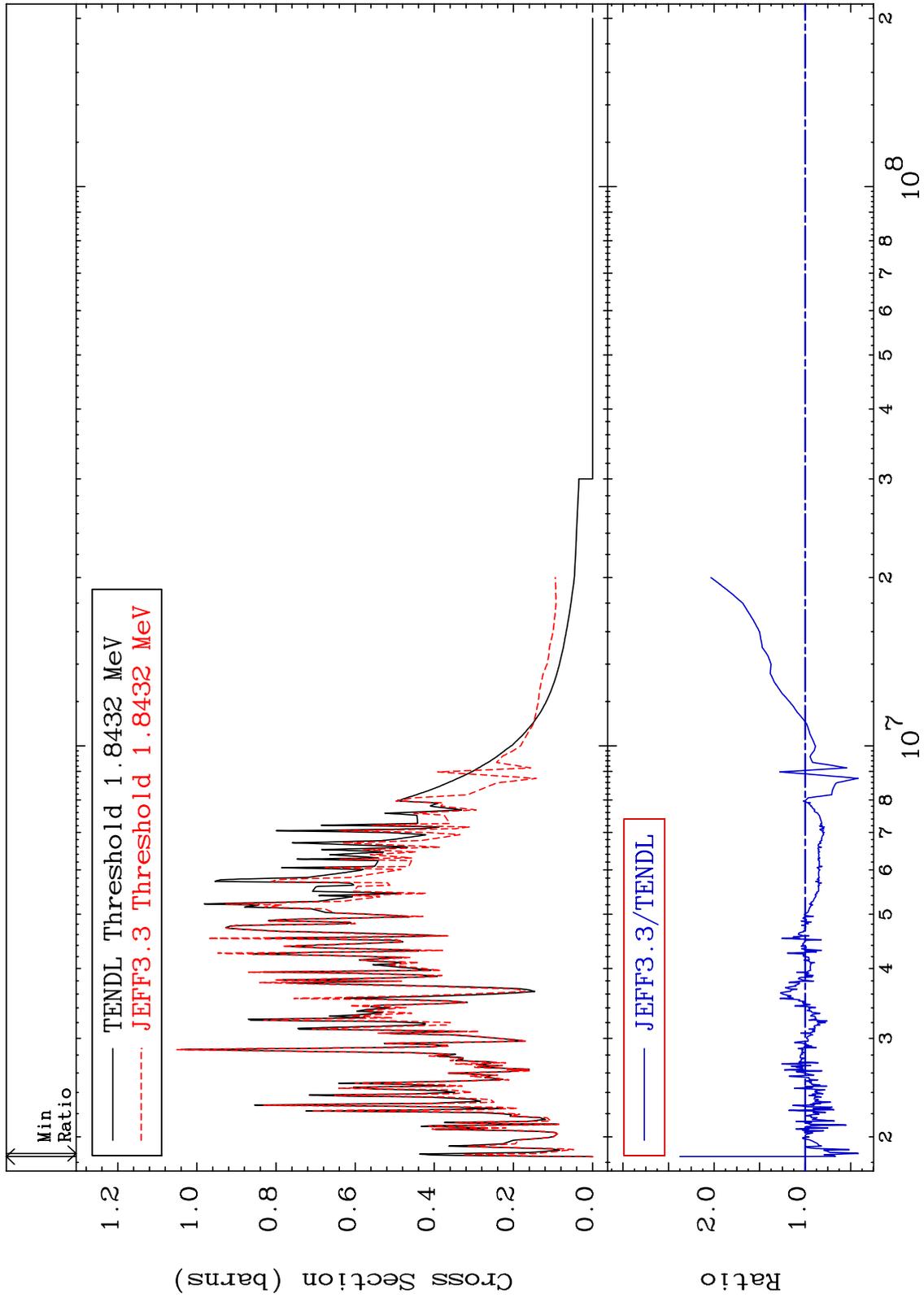
14-Si-28
-95.17 To 271.3 %



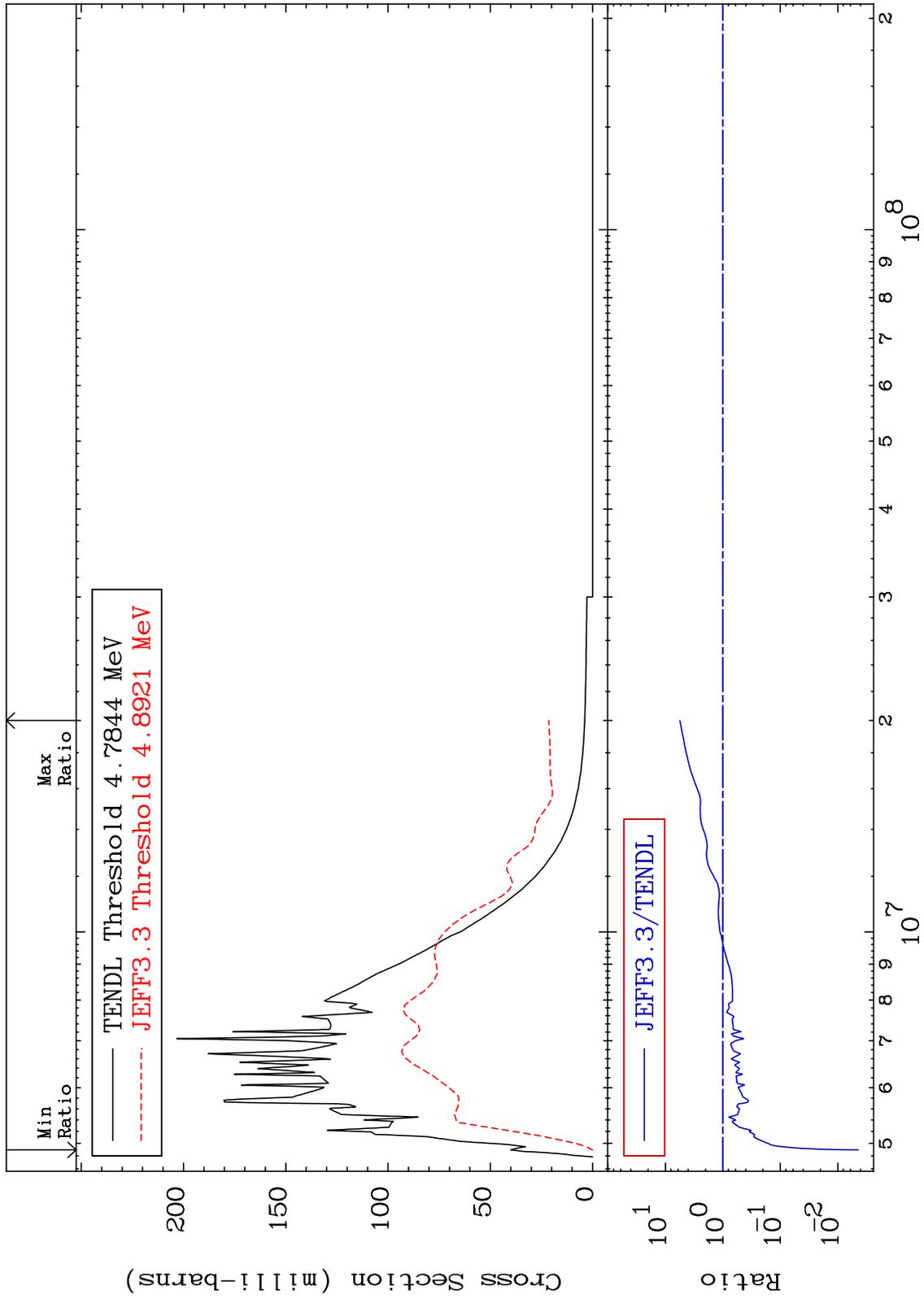
MAT 1425

MT= 51 (n,n') Level
Cross Section

14-Si-28
-58.52 To 137.5 %



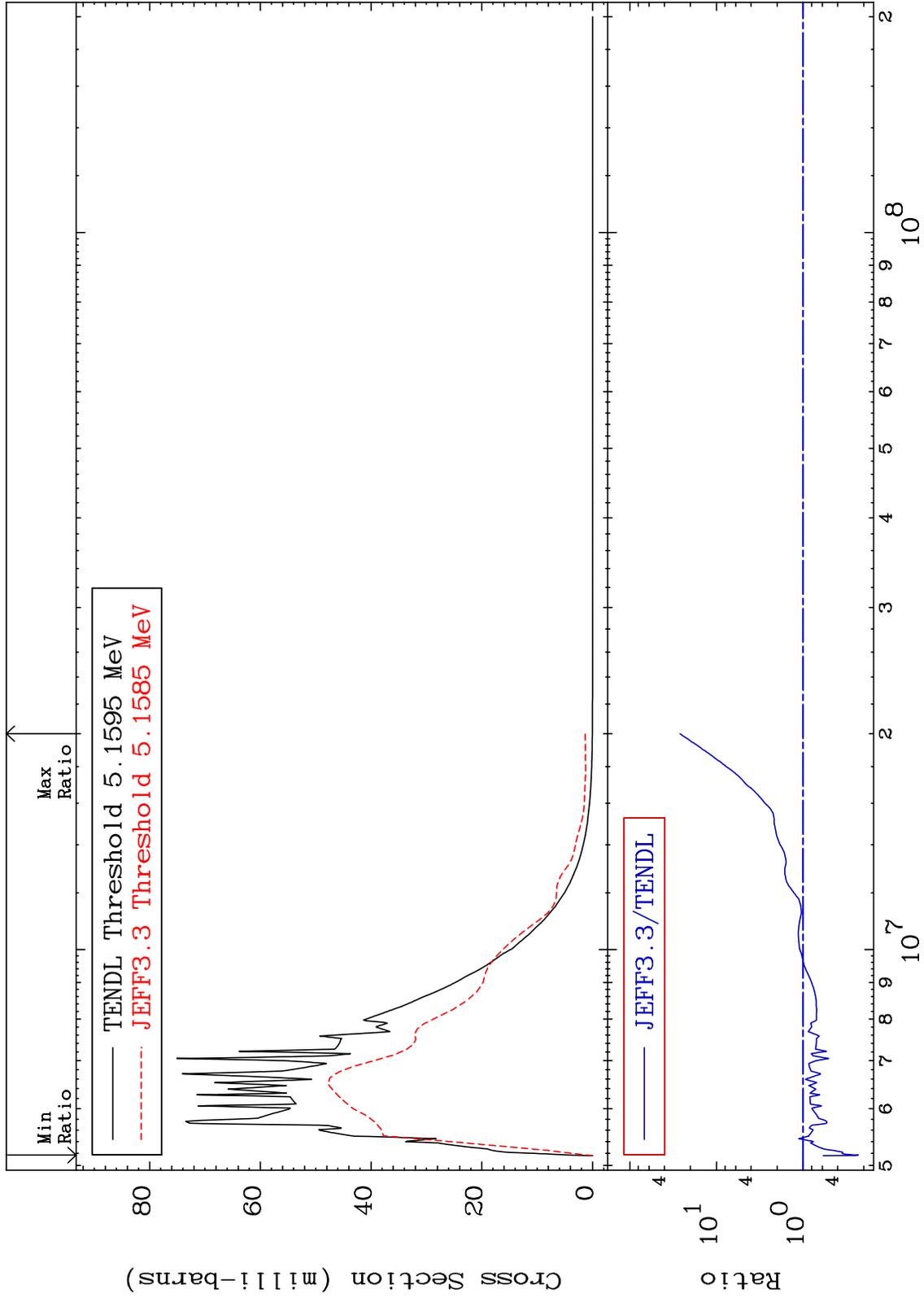
MAT 1425 MT= 52 (n,n') Level 14-Si-28
 Cross Section -99.56 To 457.8 %



MAT 1425

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

14-Si-28
-76.92 To 2544. %



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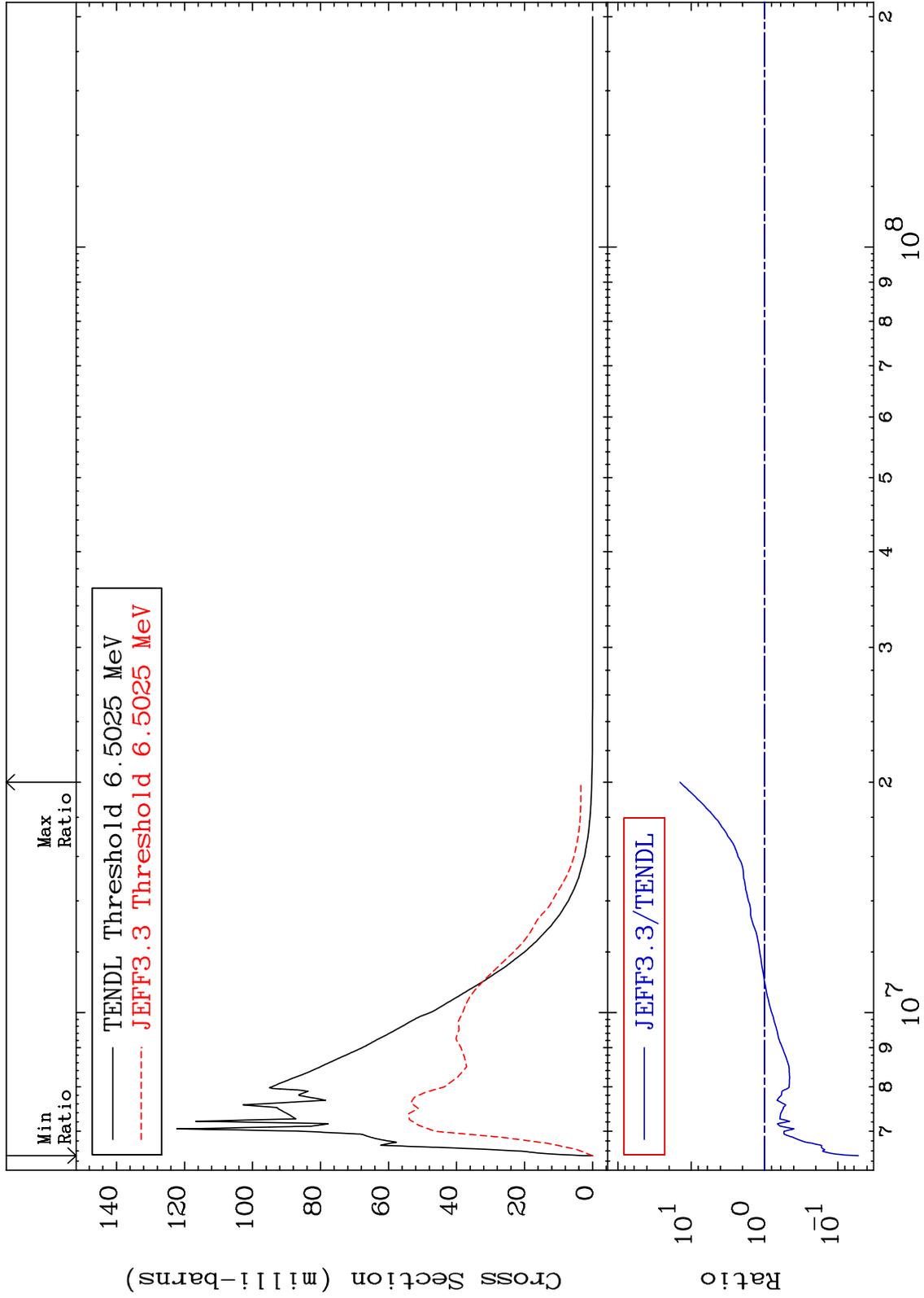
14-Si-28

14-Si-28

MAT 1425

MT= 54 (n,n') Level
Cross Section

14-Si-28
-94.76 To 1323. %

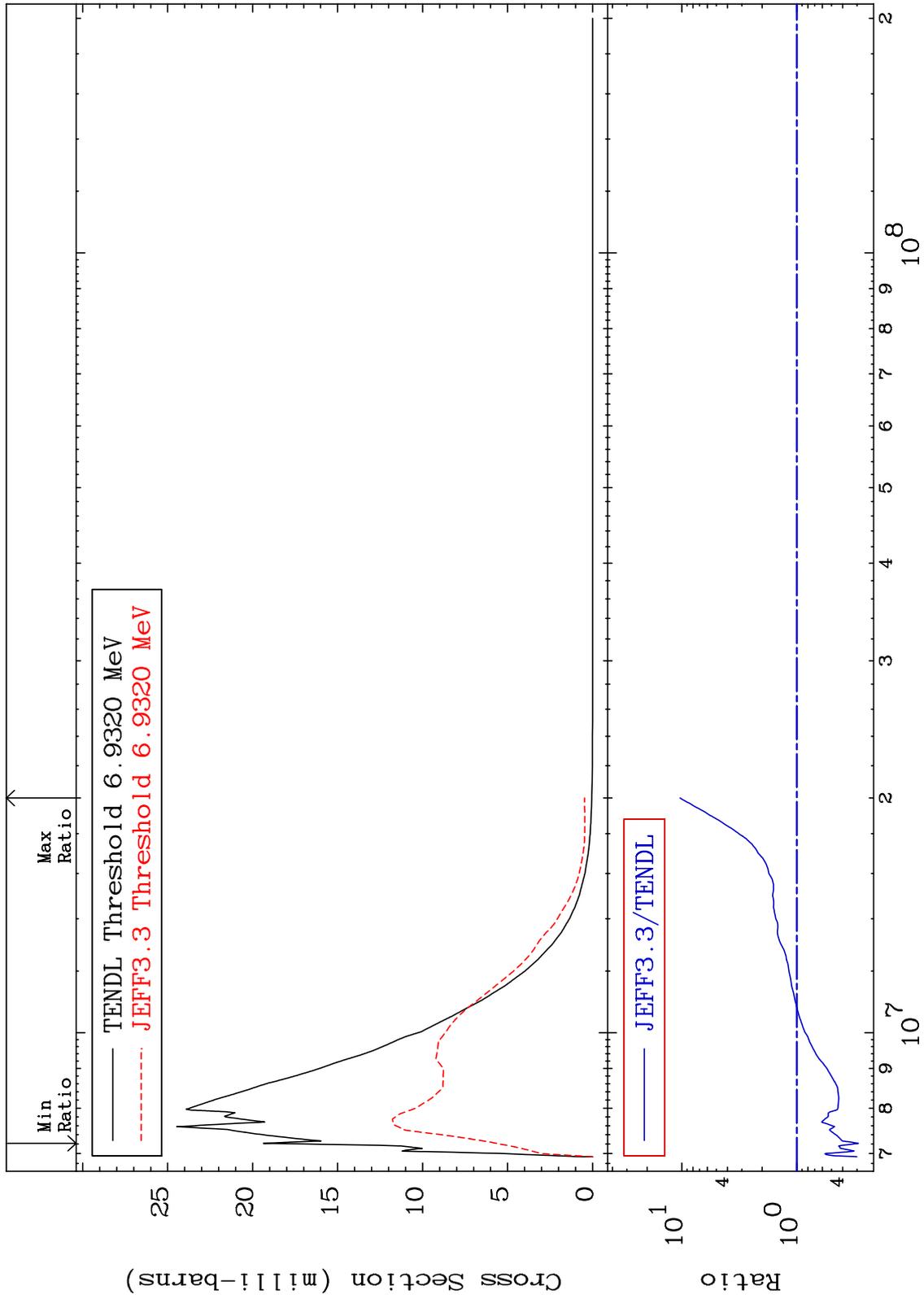


10

Incident Energy (eV)

14-Si-28

MAT 1425 MT= 55 (n,n') Level Cross Section 14-Si-28
 -70.86 To 936.6 %

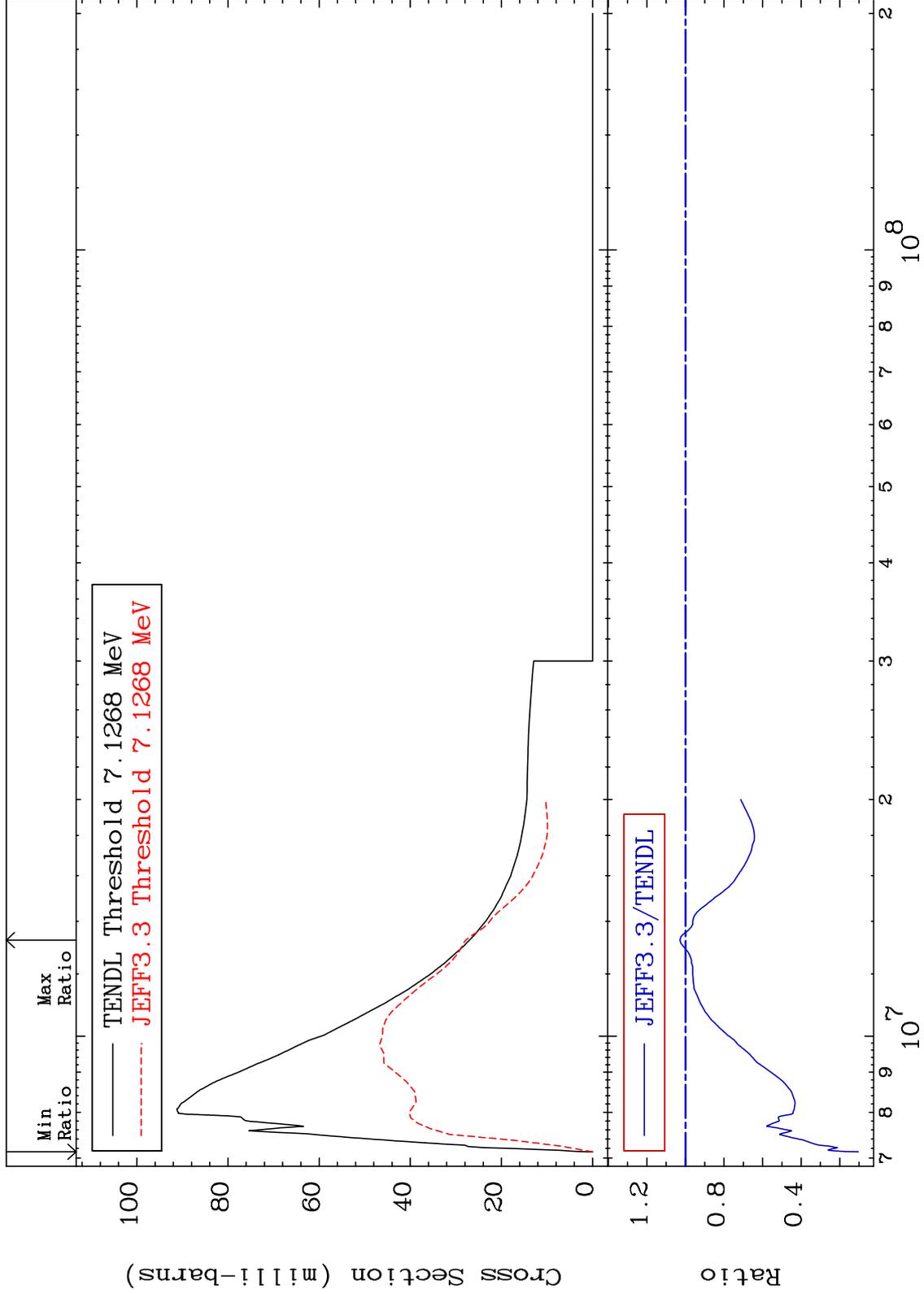


11 14-Si-28 Incident Energy (eV)

MAT 1425

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

14-Si-28
-89.68 To 2.865 %

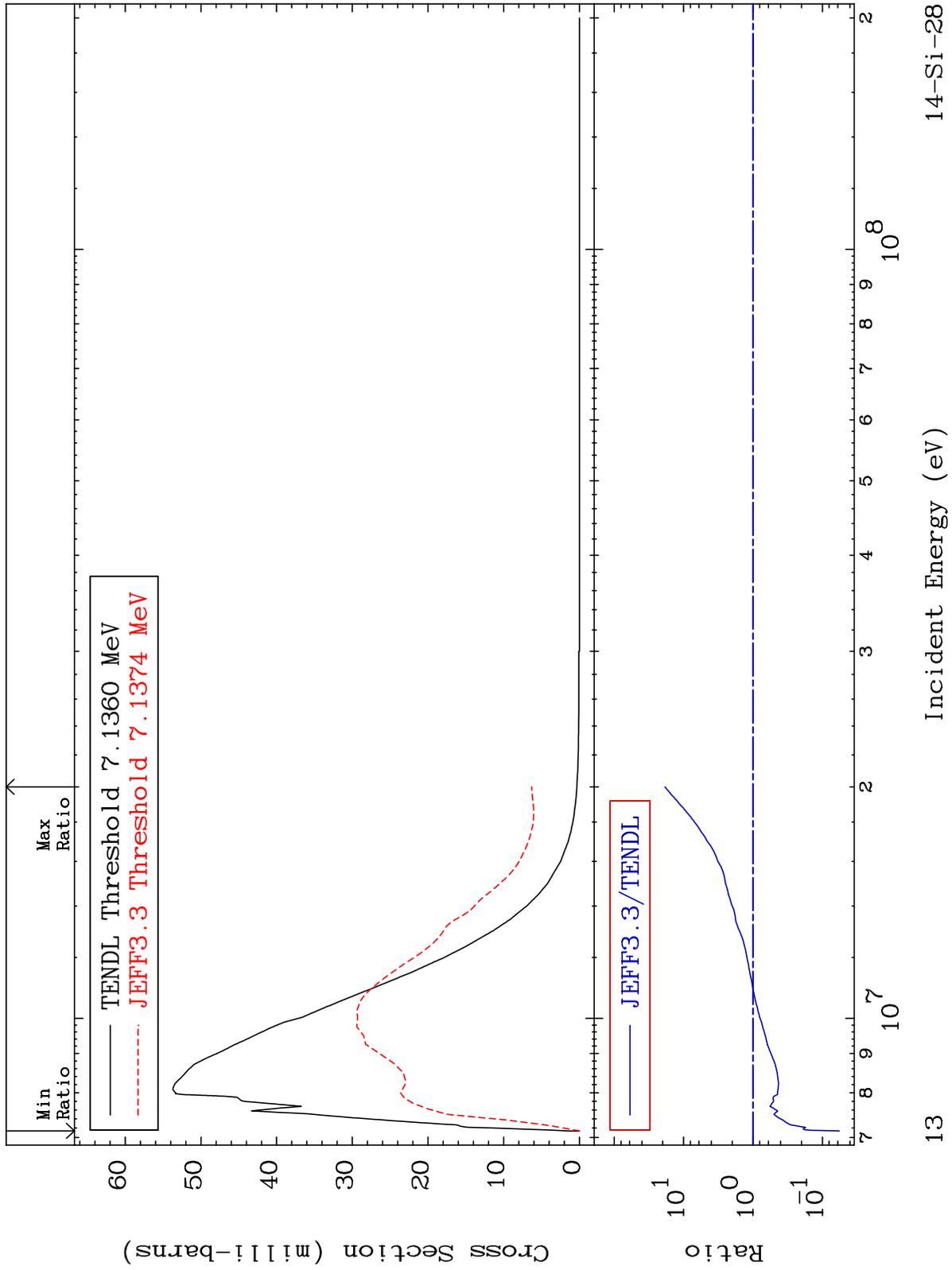


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Incident Energy (eV)

14-Si-28

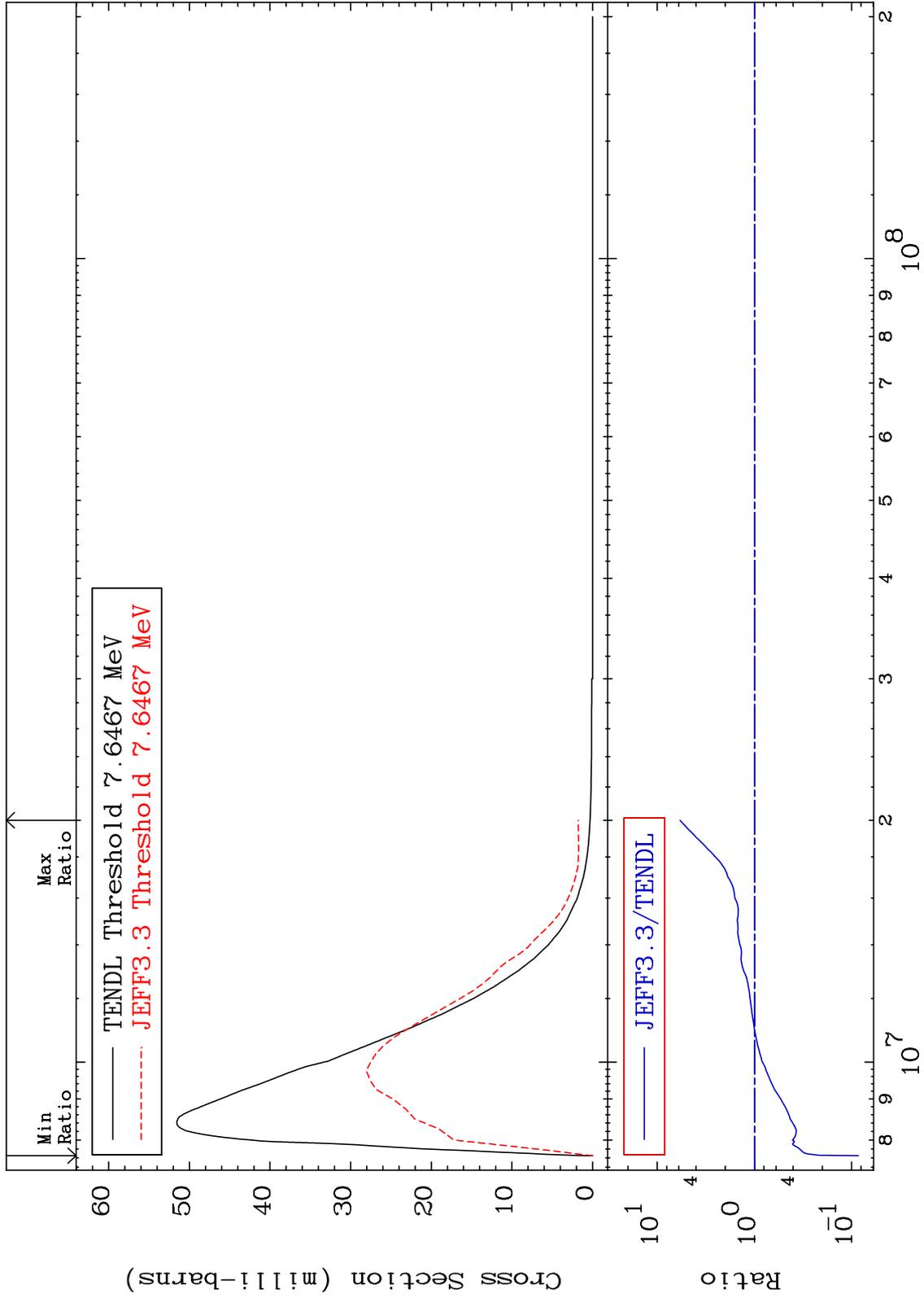
MAT 1425 MT= 57 (n,n') Level Cross Section 14-Si-28 -94.31 To 1766. %



MAT 1425

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

14-Si-28
-91.48 To 484.5 %

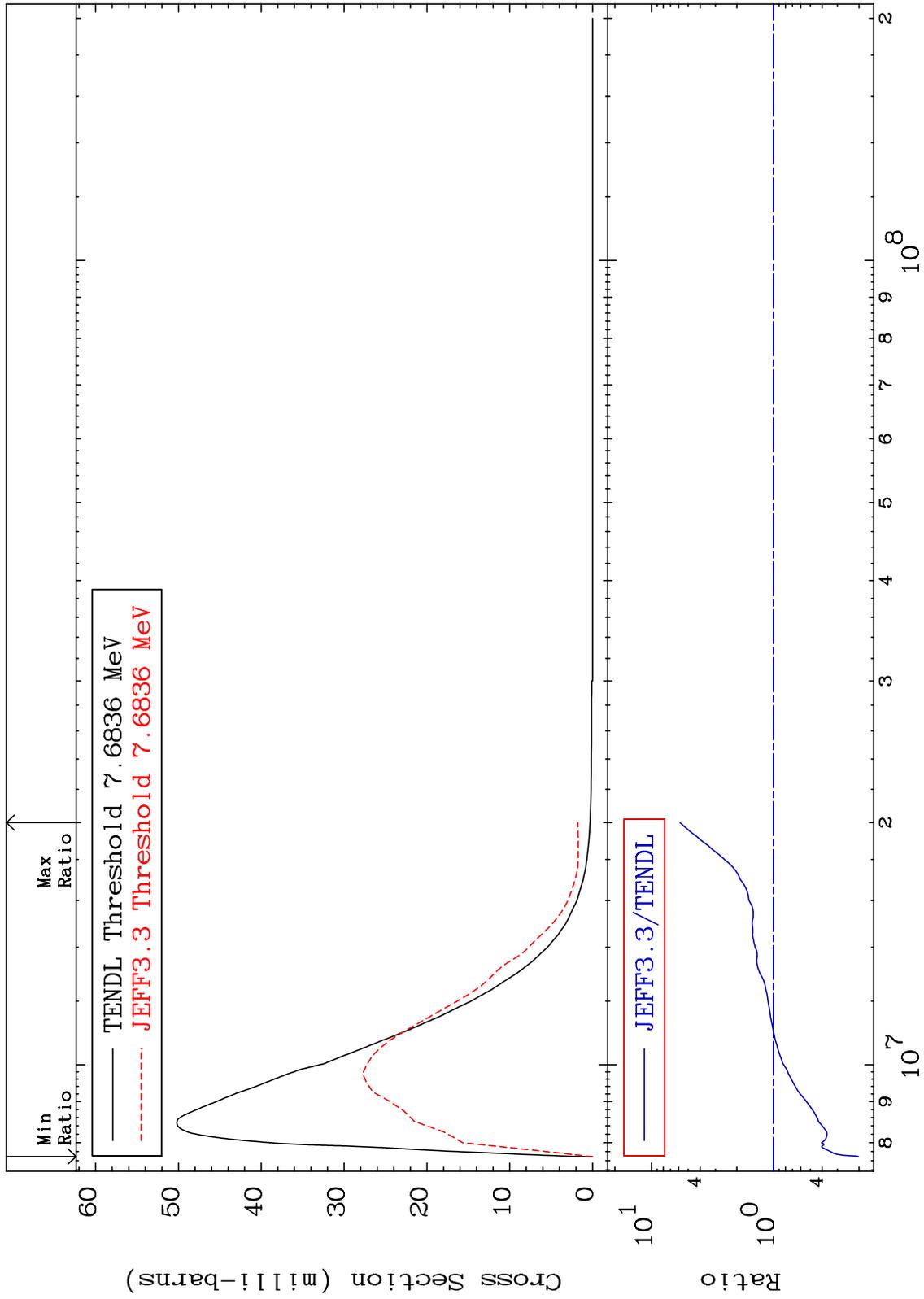


14

Incident Energy (eV)

14-Si-28

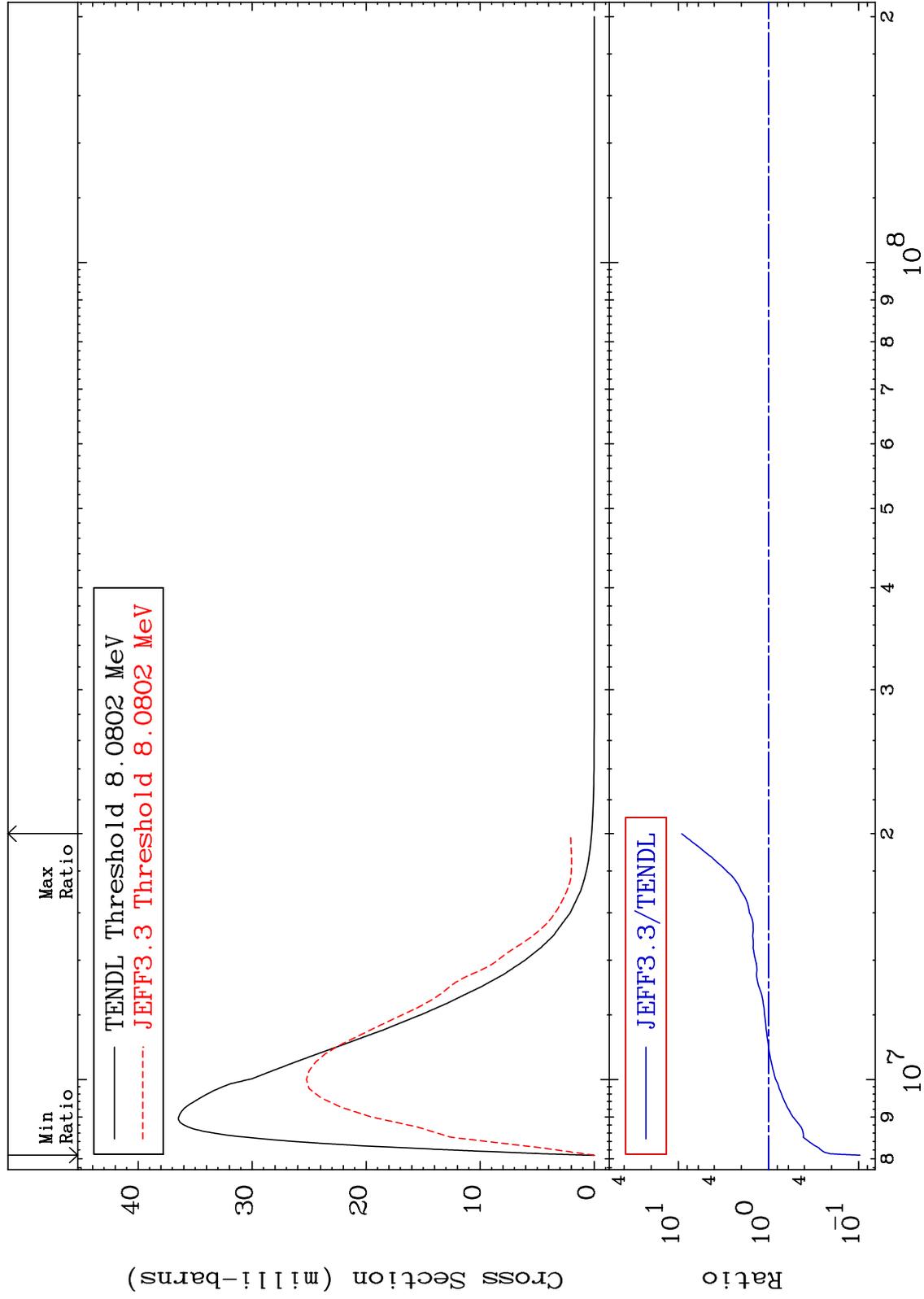
MAT 1425 MT= 59 (n,n') Level
Cross Section 14-Si-28
-79.81 To 484.9 %



MAT 1425

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

14-Si-28
-90.34 To 821.2 %

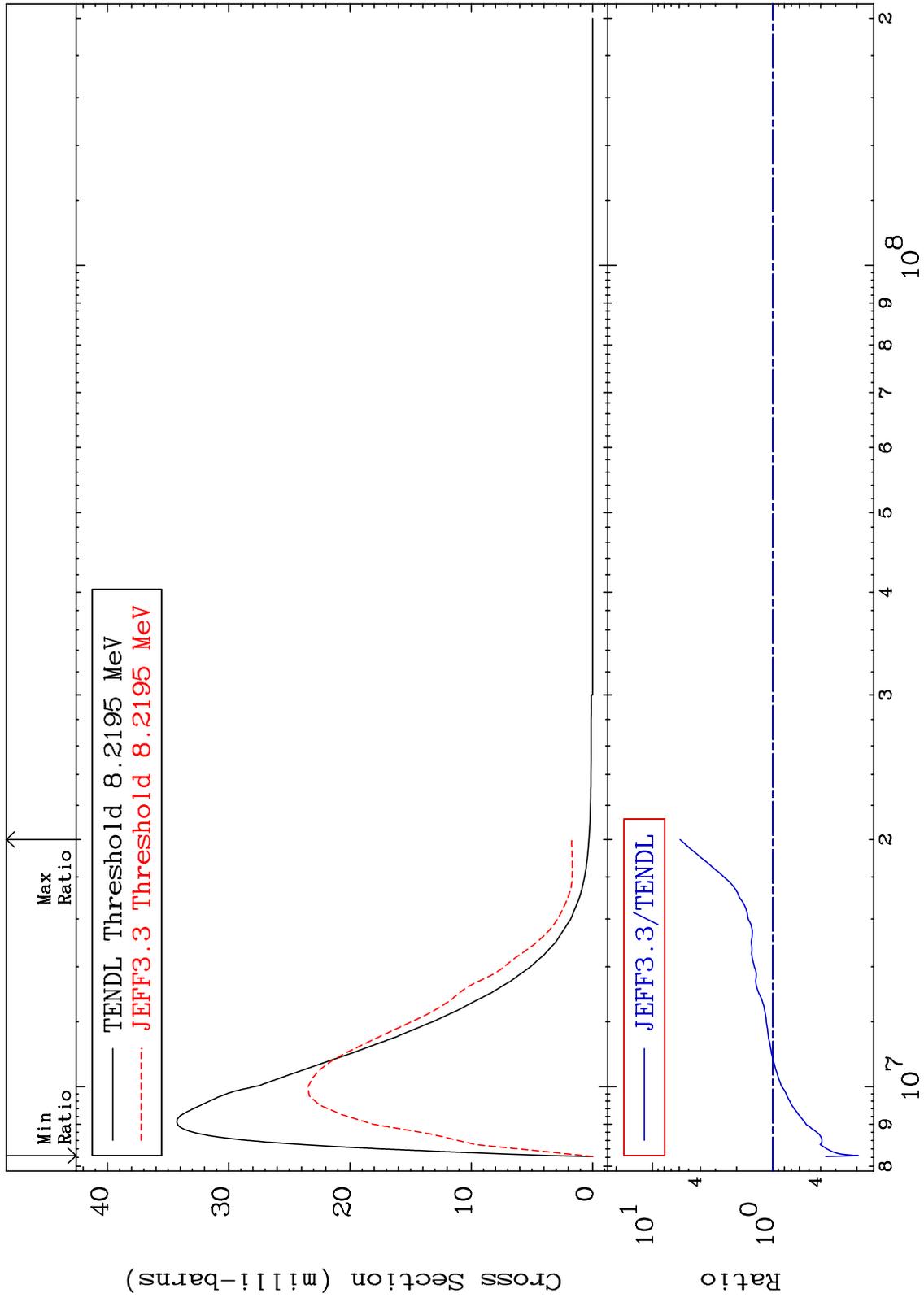


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Incident Energy (eV)

14-Si-28

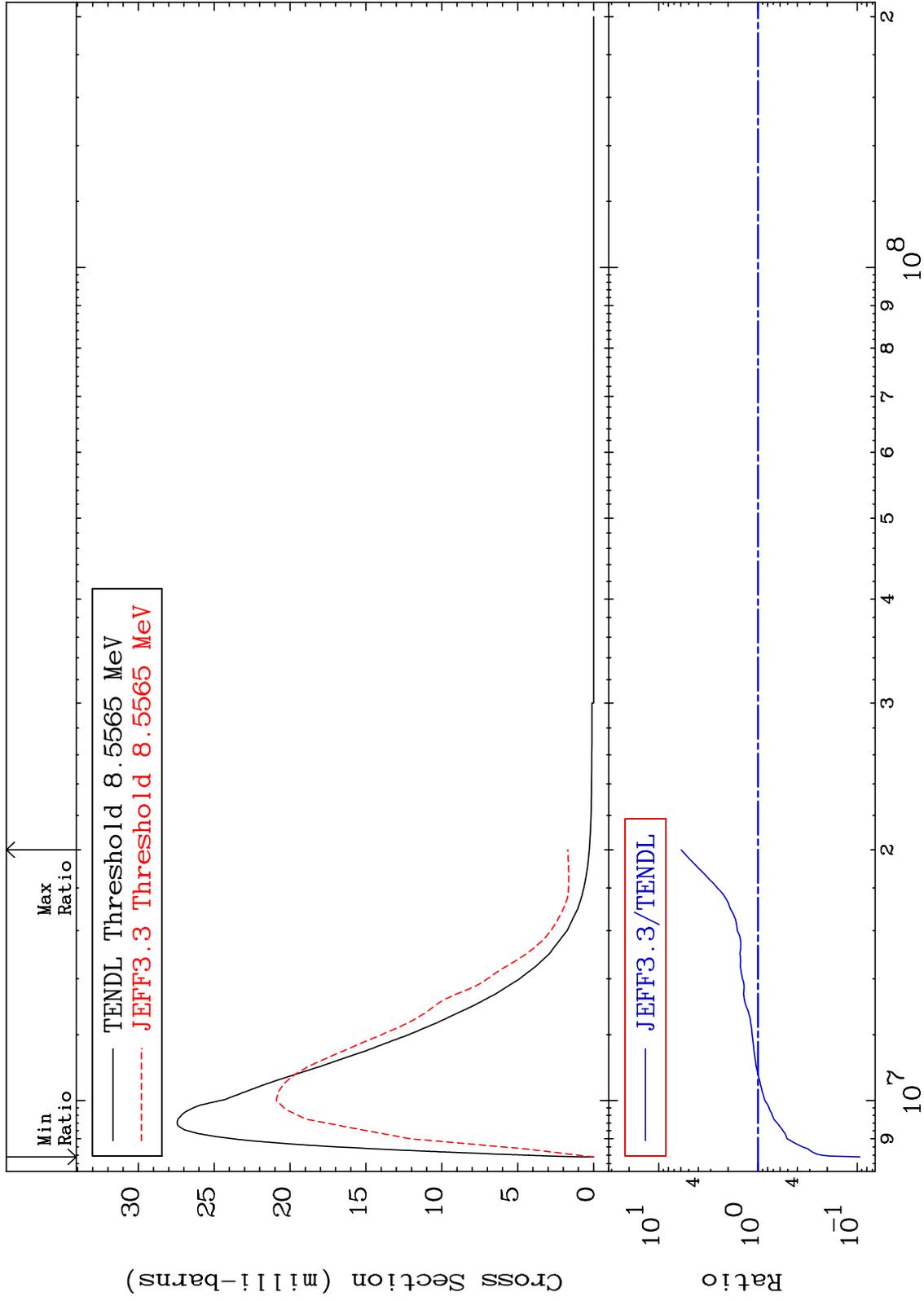
MAT 1425 MT= 61 (n,n') Level
Cross Section 14-Si-28
-80.57 To 491.2 %



MAT 1425

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

14-Si-28
-90.62 To 495.4 %



18

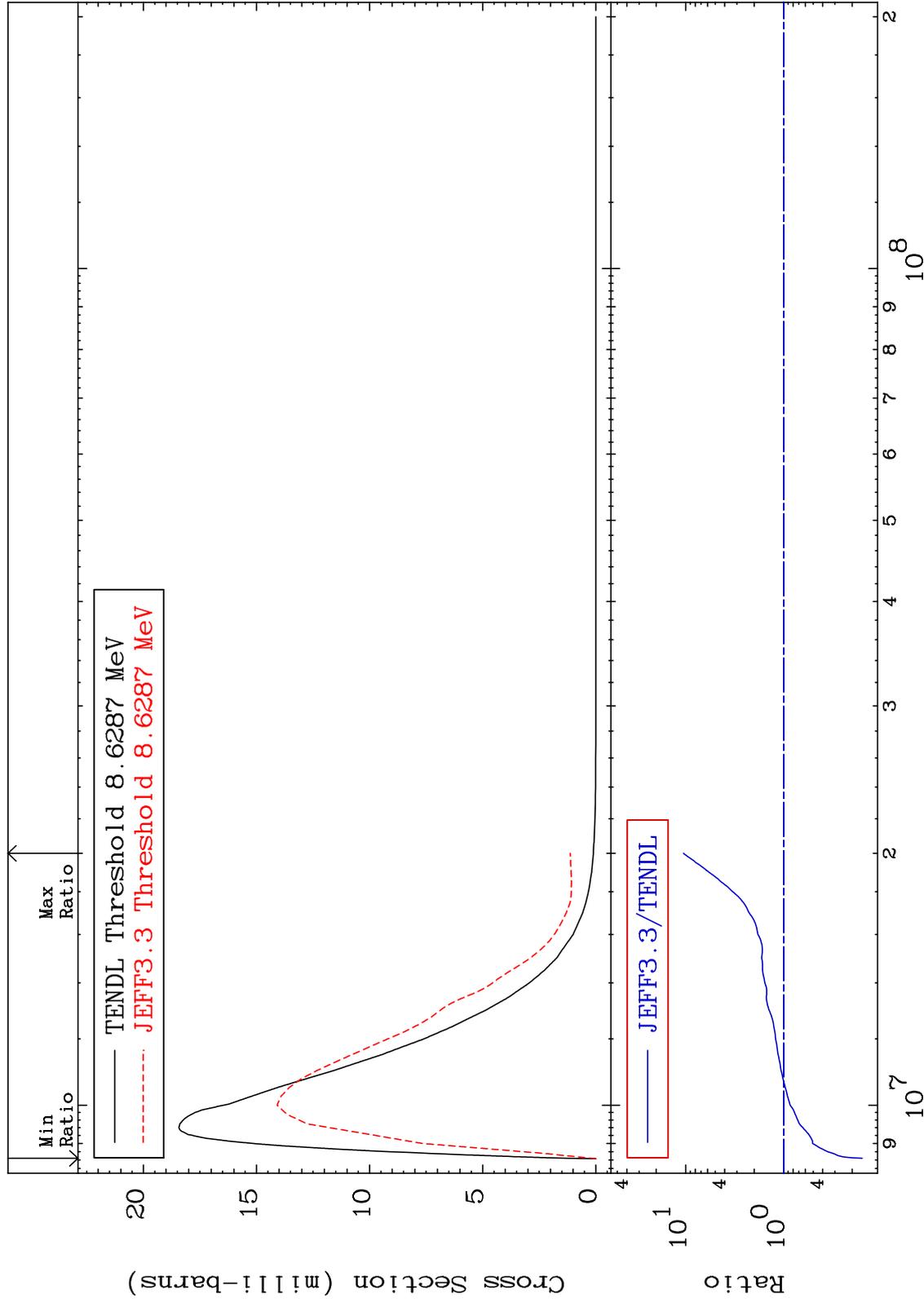
Incident Energy (eV)

14-Si-28

MAT 1425

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

14-Si-28
-84.23 To 957.6 %



19

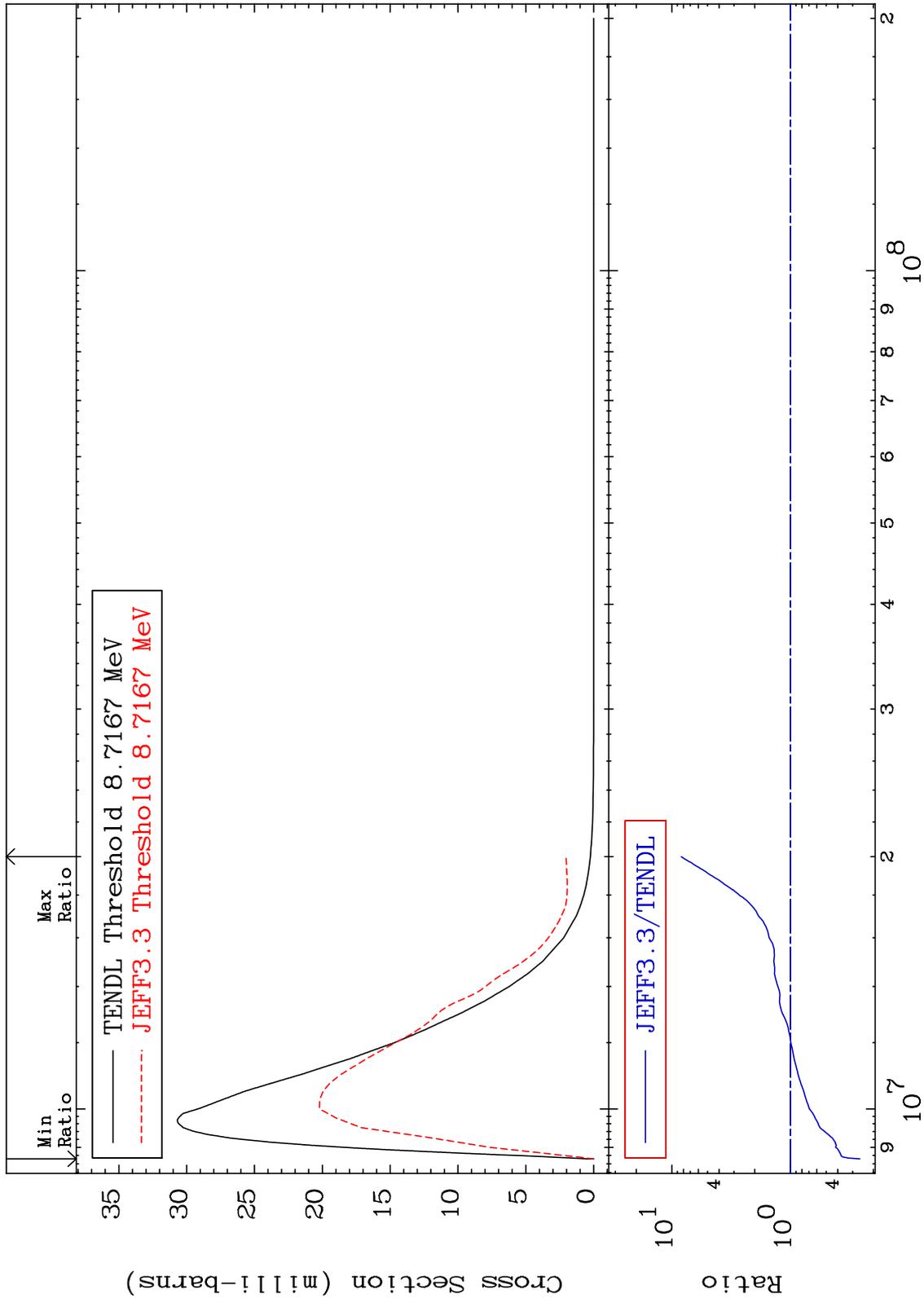
Incident Energy (eV)

14-Si-28

MAT 1425

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

14-Si-28
-73.99 To 736.1 %



14-Si-28

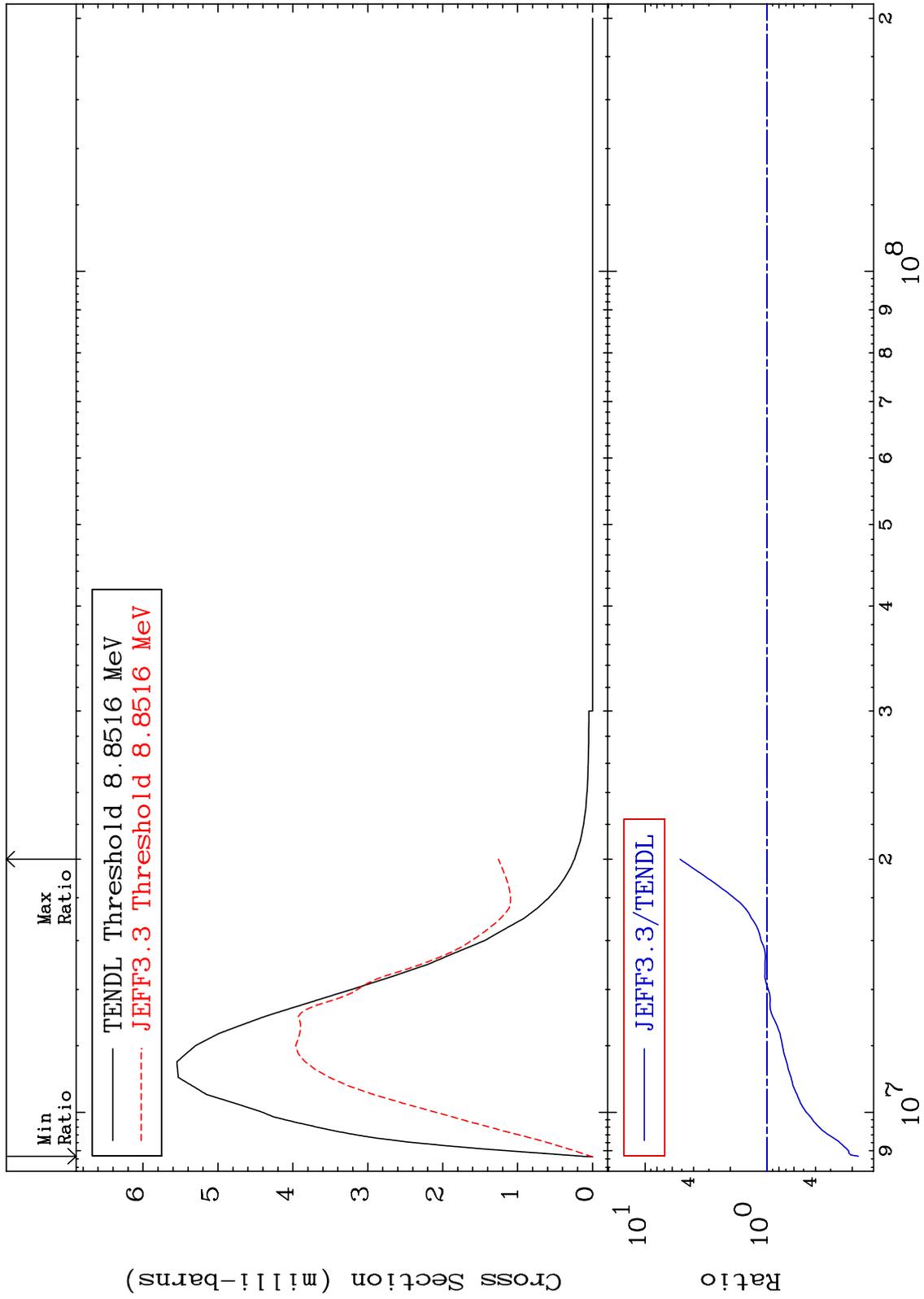
Incident Energy (eV)

20

MAT 1425

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

14-Si-28
-82.23 To 419.1 %



21

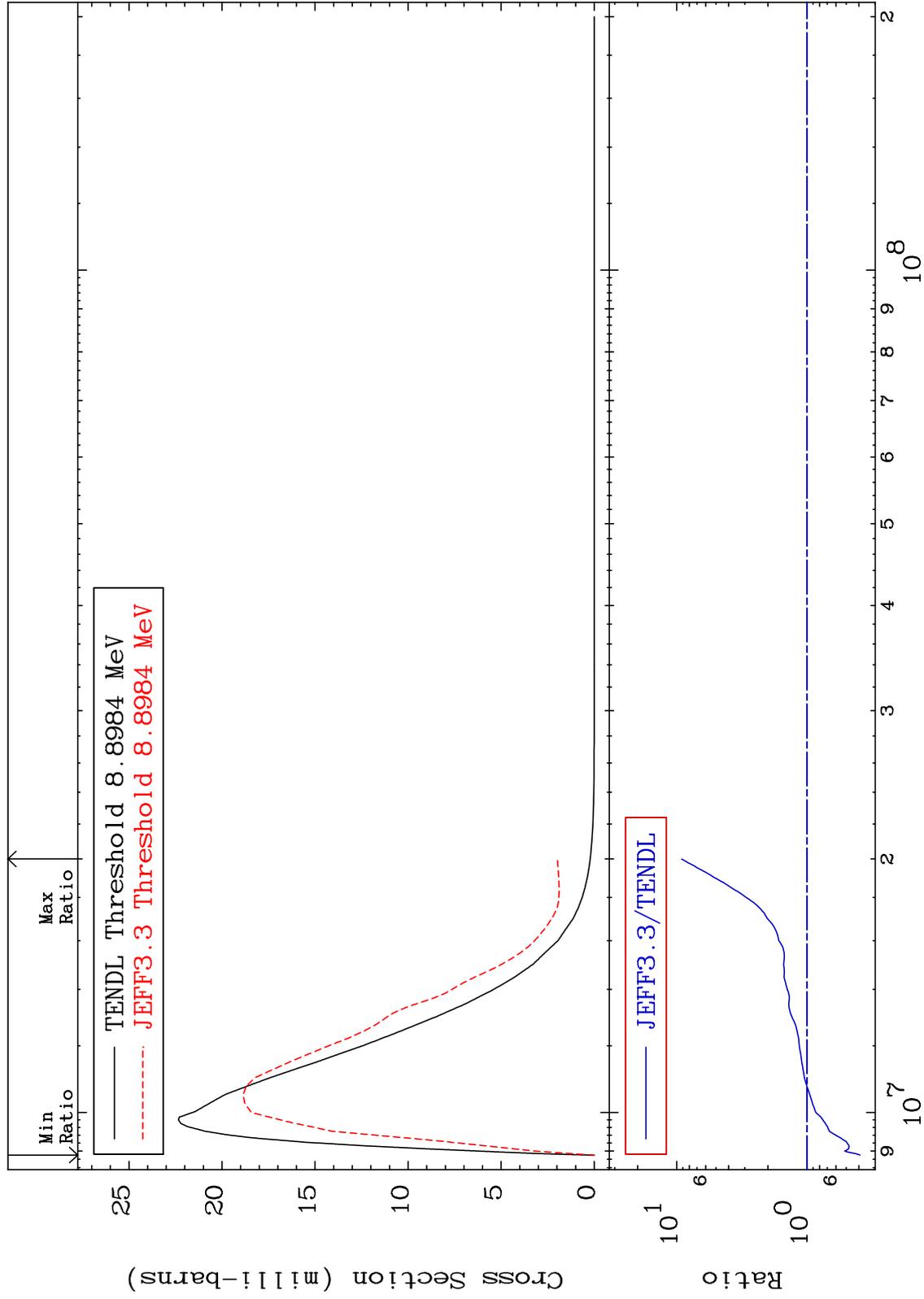
Incident Energy (eV)

14-Si-28

MAT 1425

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

14-Si-28
-60.85 To 819.2 %



22

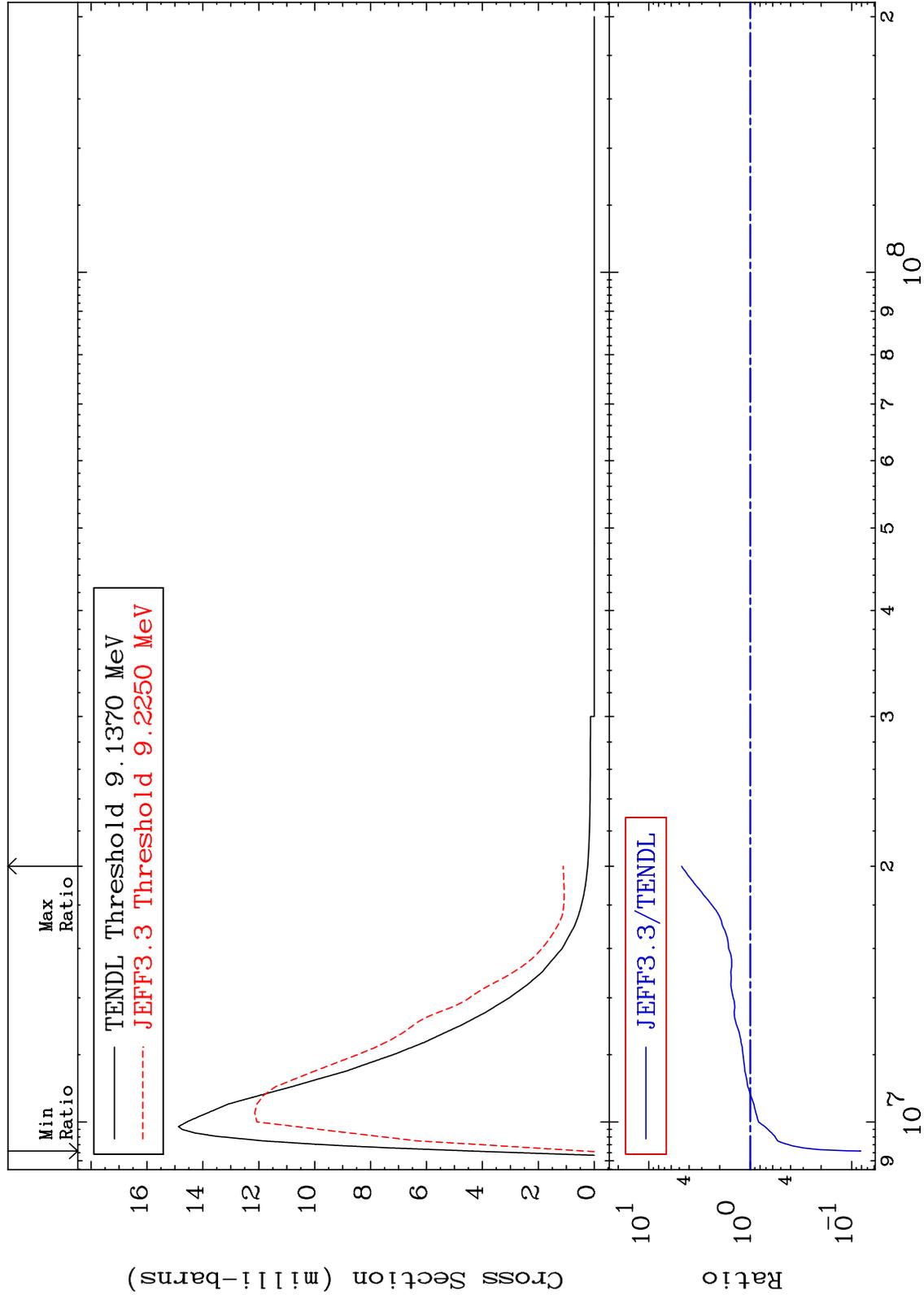
Incident Energy (eV)

14-Si-28

MAT 1425

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

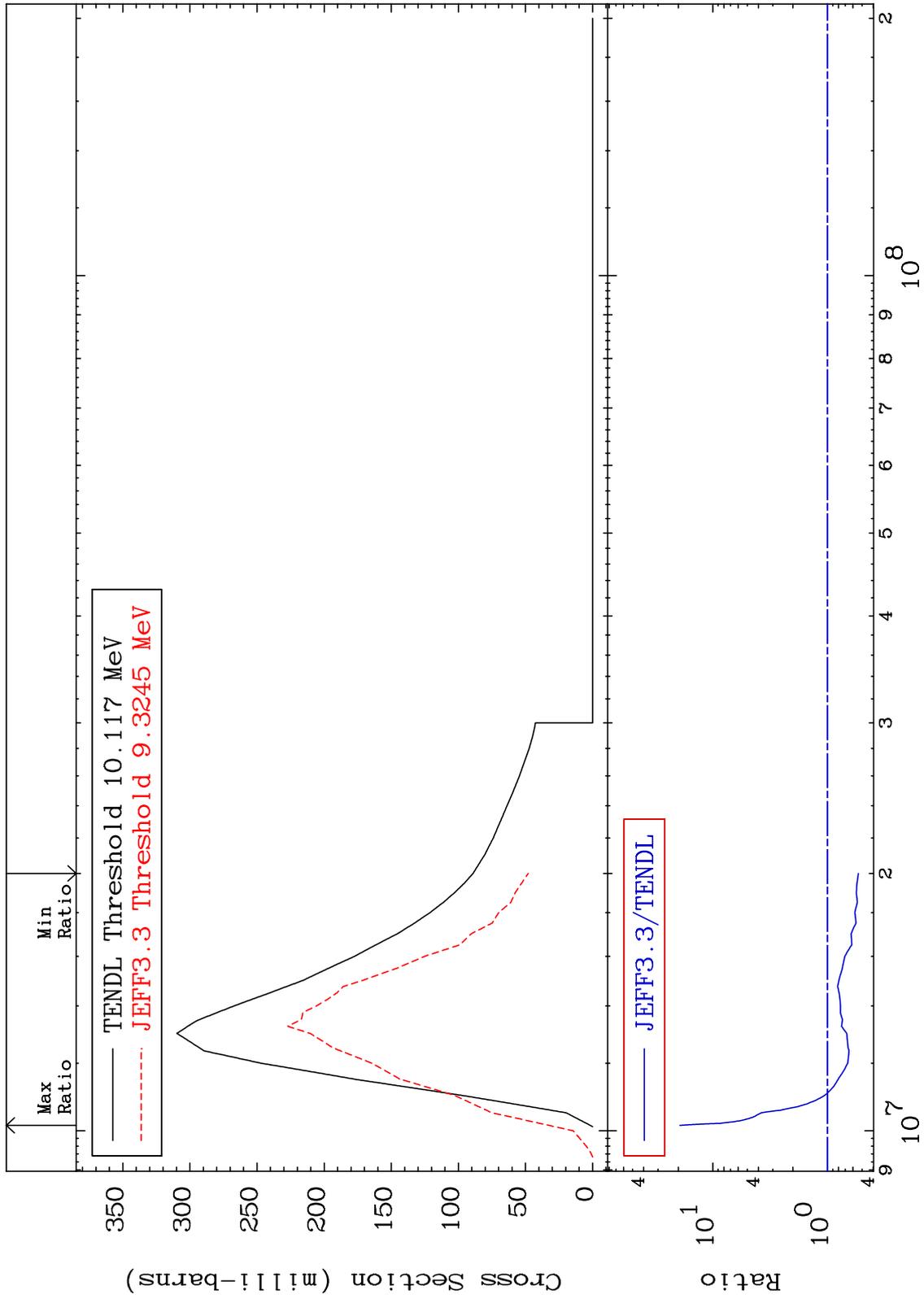
14-Si-28
-91.74 To 374.1 %



MAT 1425

(n,n') Continuum
Cross Section

14-Si-28
-46.25 To 1833. %



14-Si-28

Incident Energy (eV)

24

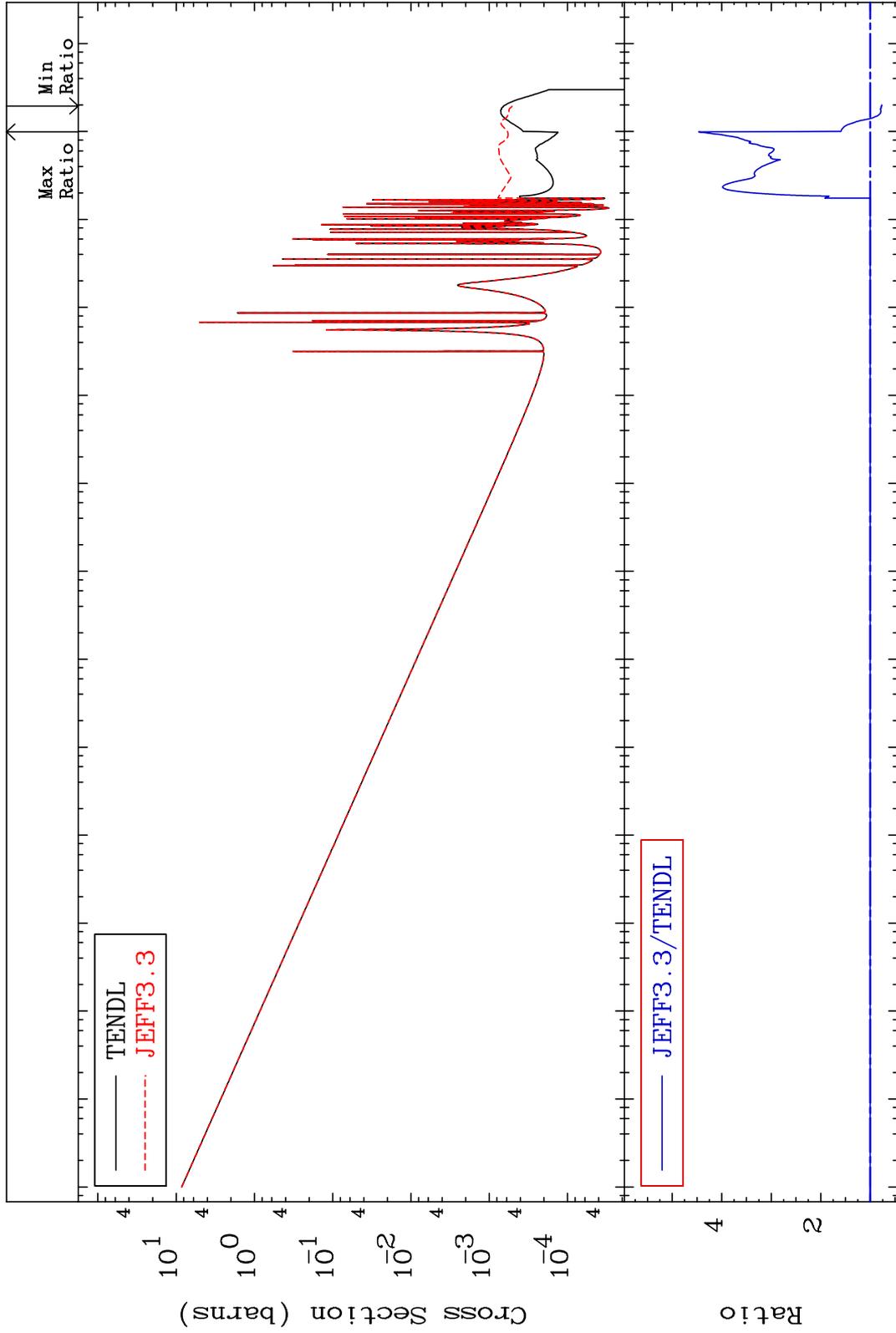
MAT 1425

(n, γ)

14-Si-28

Cross Section

-23.93 To 346.5 %



Incident Energy (eV)

14-Si-28

25

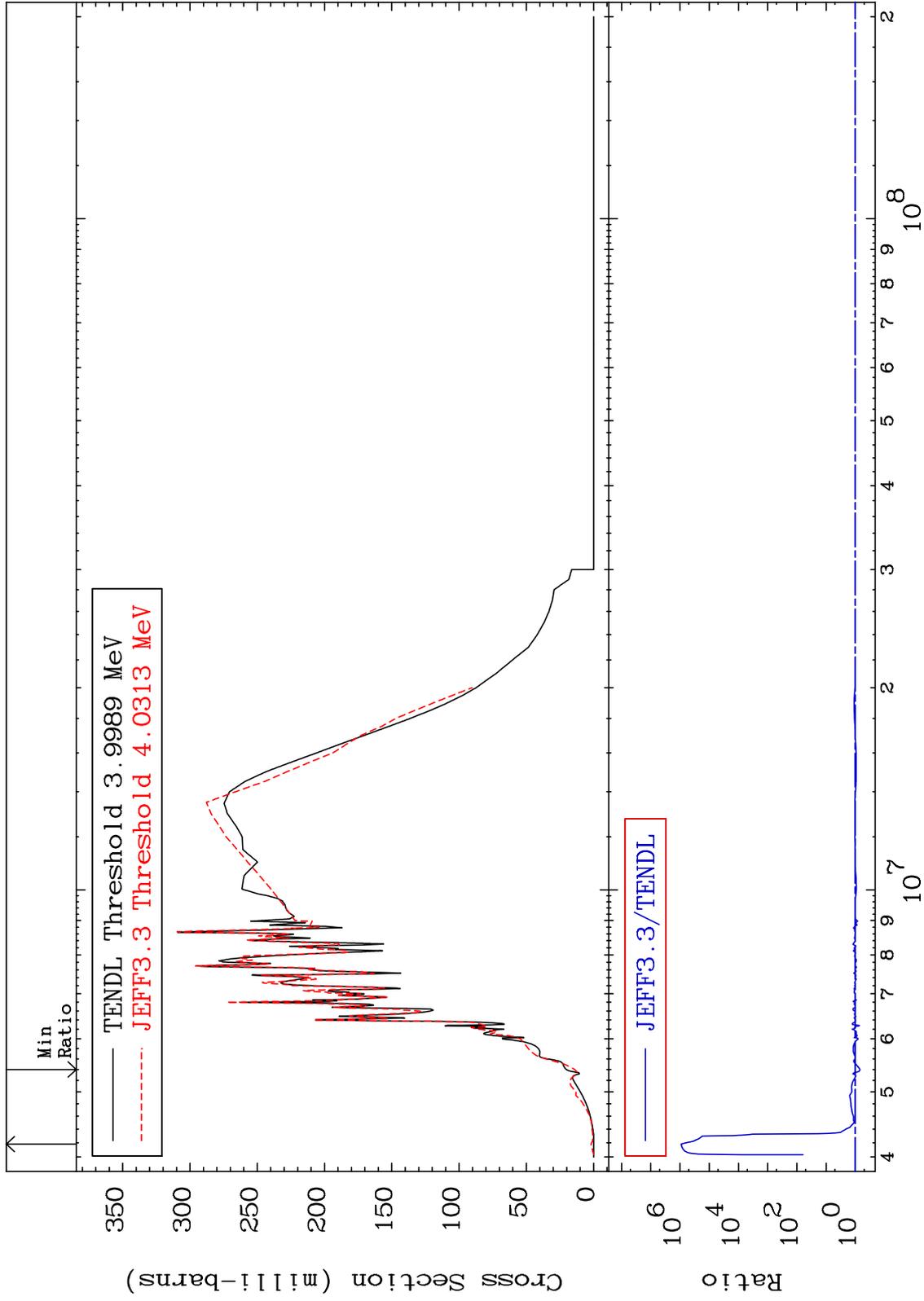
MAT 1425

(n,p)

14-Si-28

Cross Section

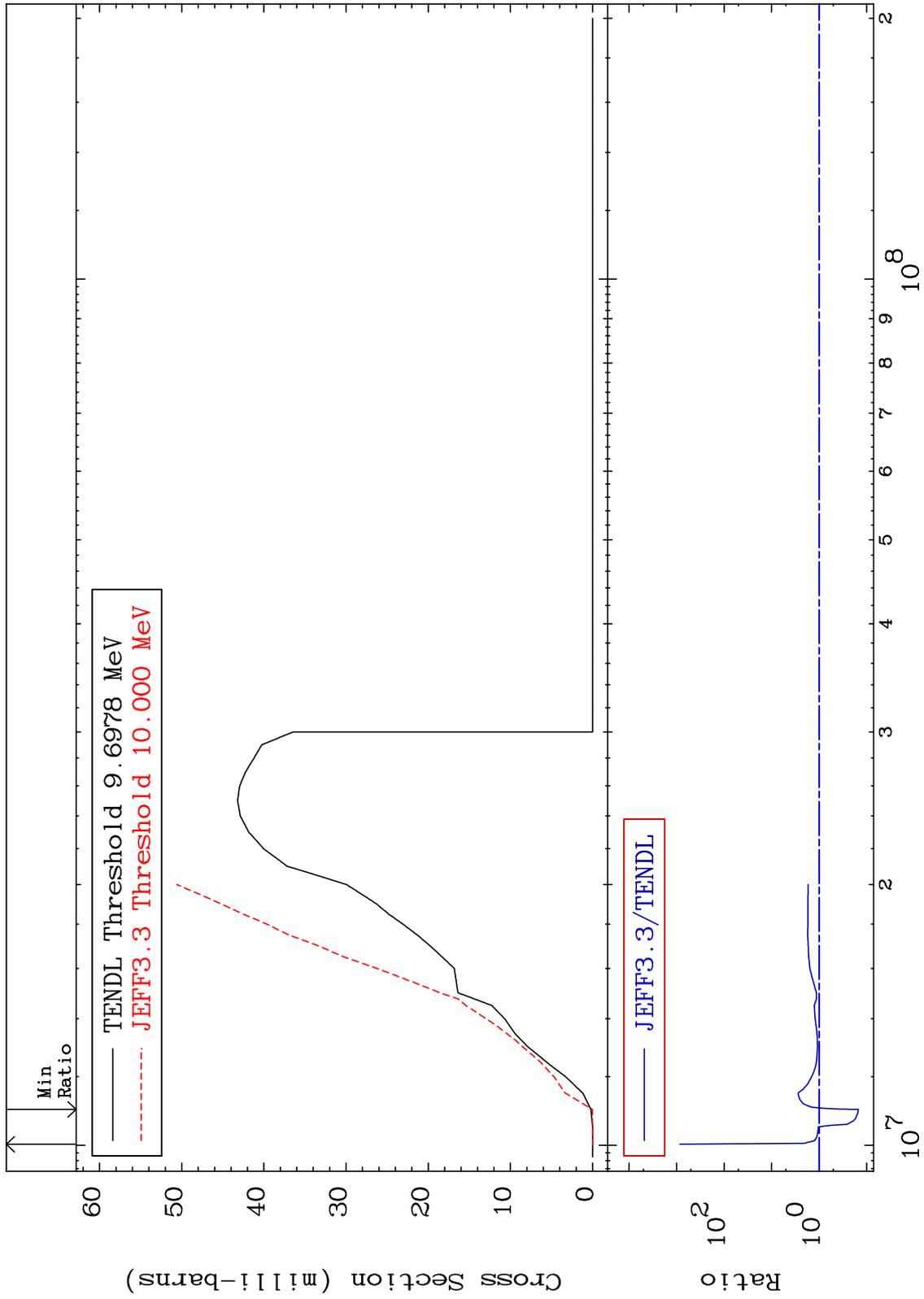
-30.22 To 9999. %



26

14-Si-28

MAT 1425 (n,d) 14-Si-28
Cross Section -85.15 To 9999. %



27 14-Si-28

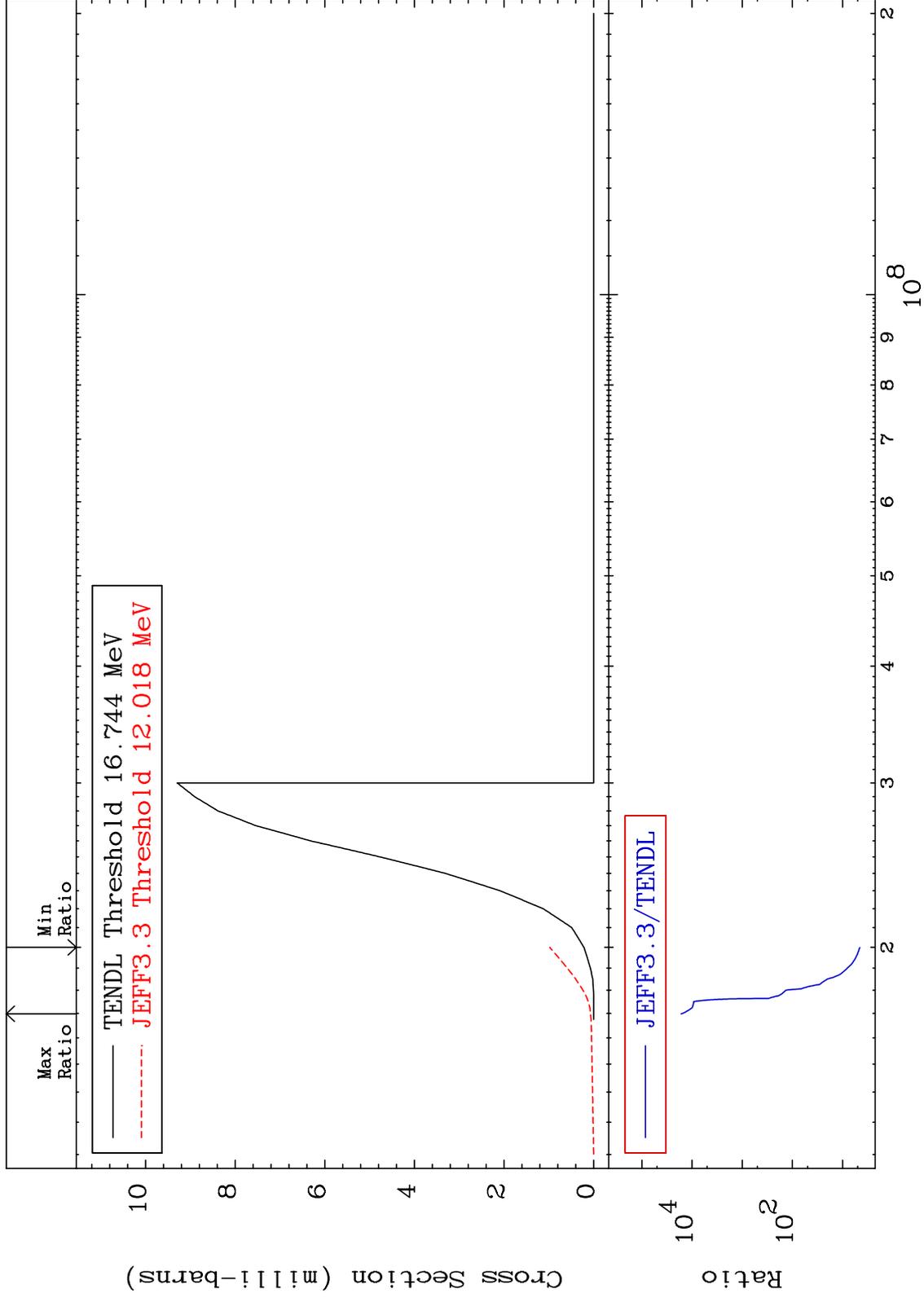
MAT 1425

(n, t)

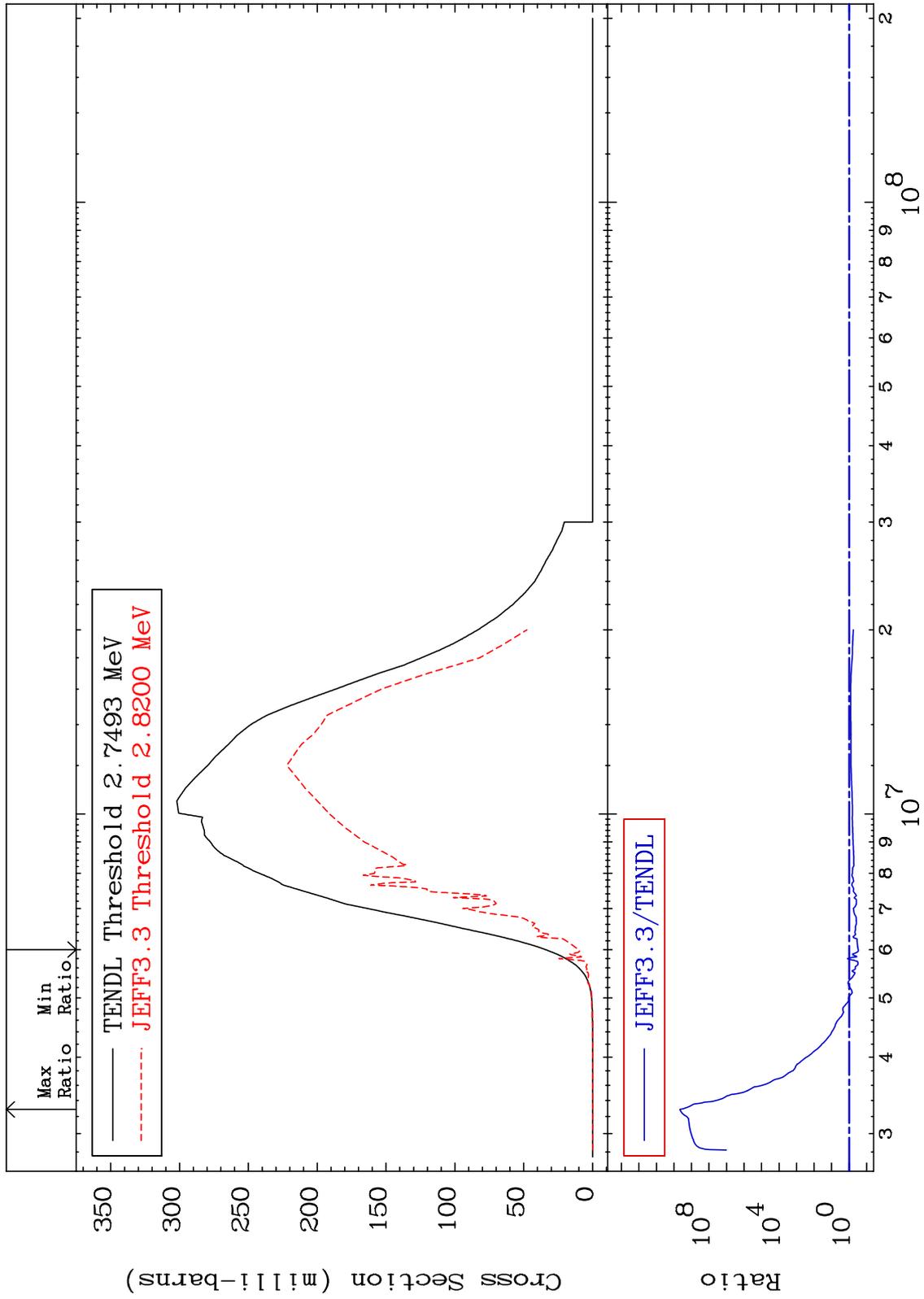
14-Si-28

Cross Section

352.1 To 9999. %

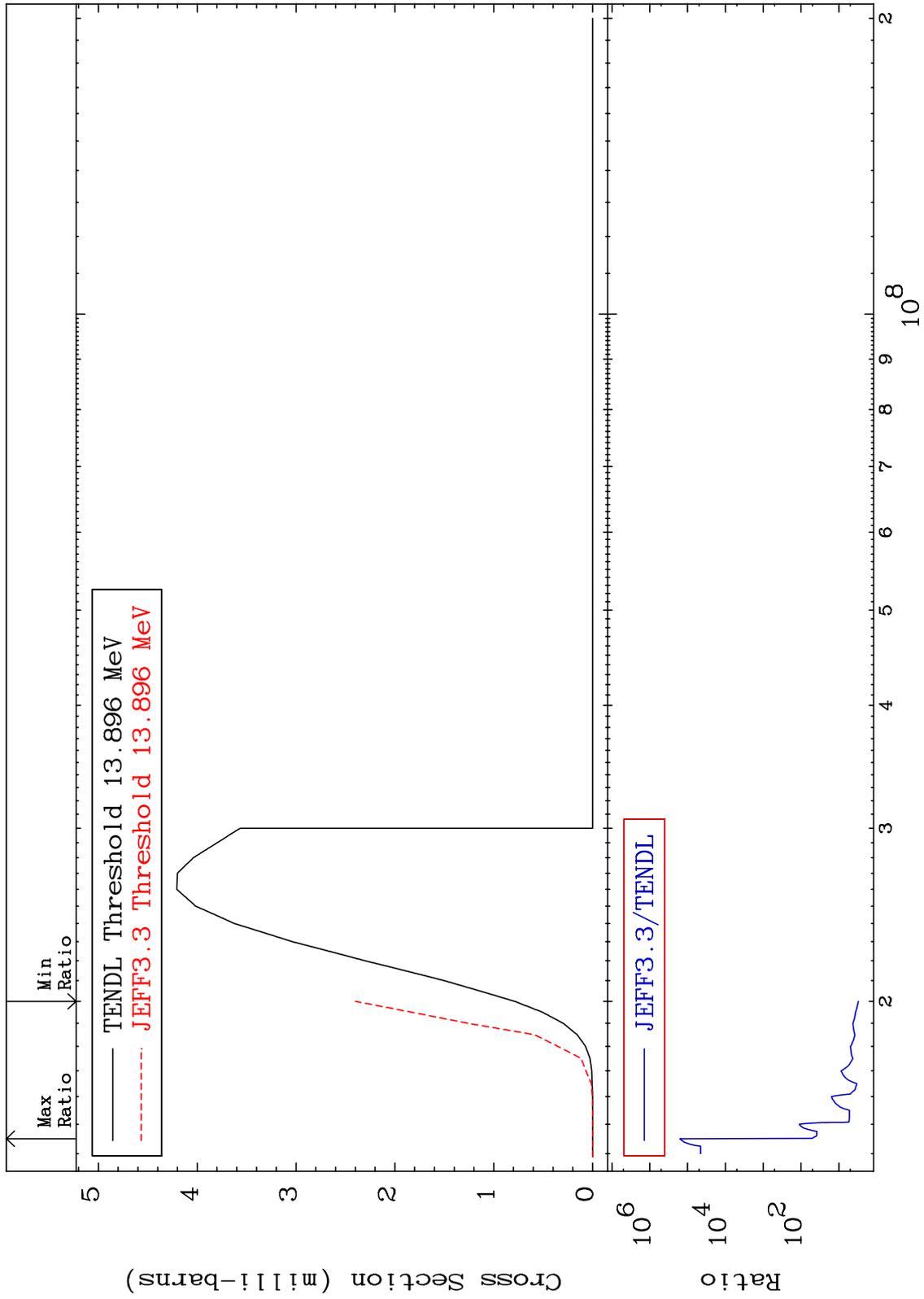


MAT 1425 (n, α) 14-Si-28
 Cross Section -70.40 To 9999. %



30 Incident Energy (eV) 14-Si-28

MAT 1425 (n,2p) 14-Si-28
 Cross Section 204.7 To 9999. %



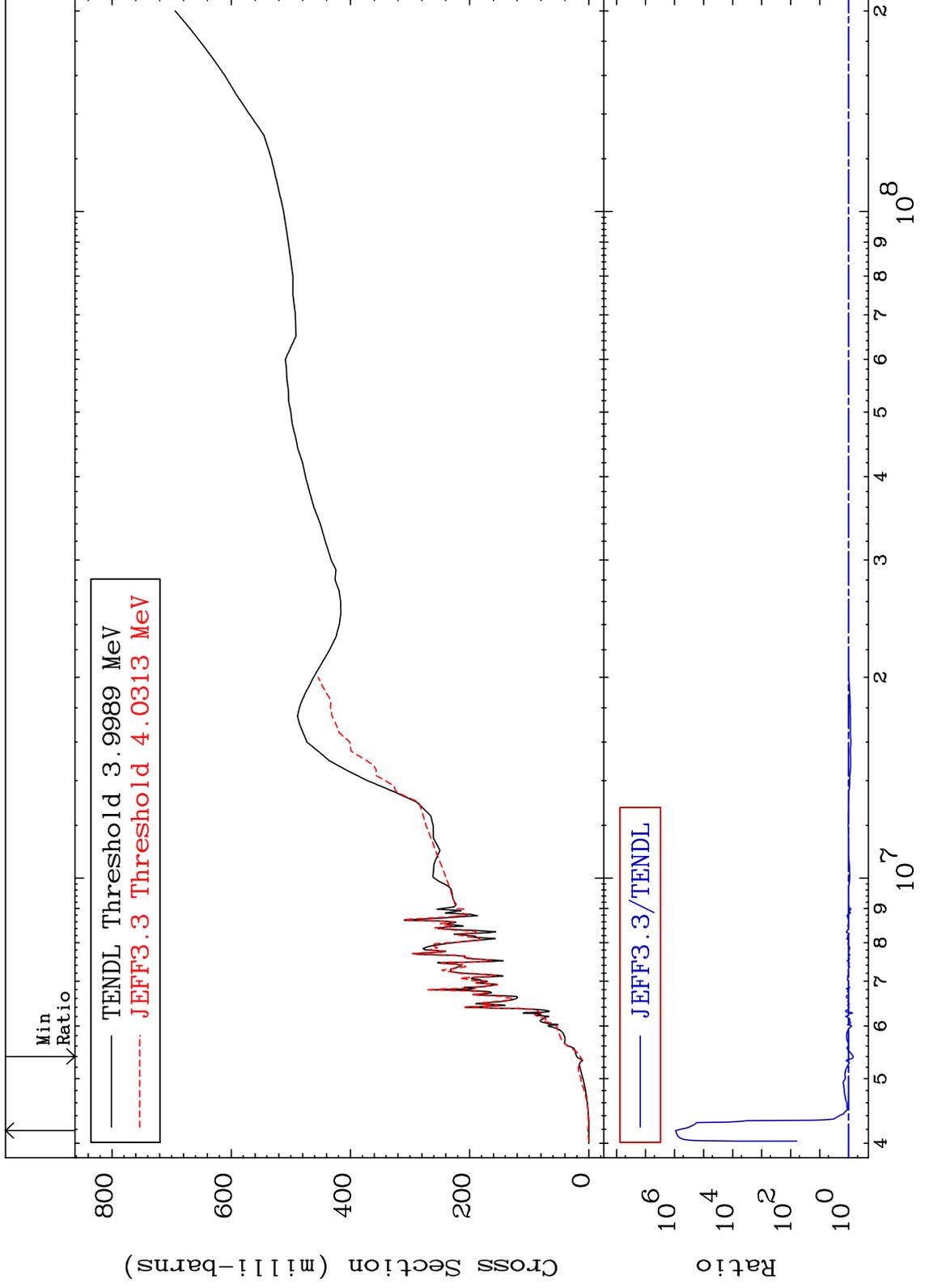
14-Si-28

Incident Energy (eV)

MAT 1425

Hydrogen Production
Cross Section

14-Si-28
-30.22 To 9999. %



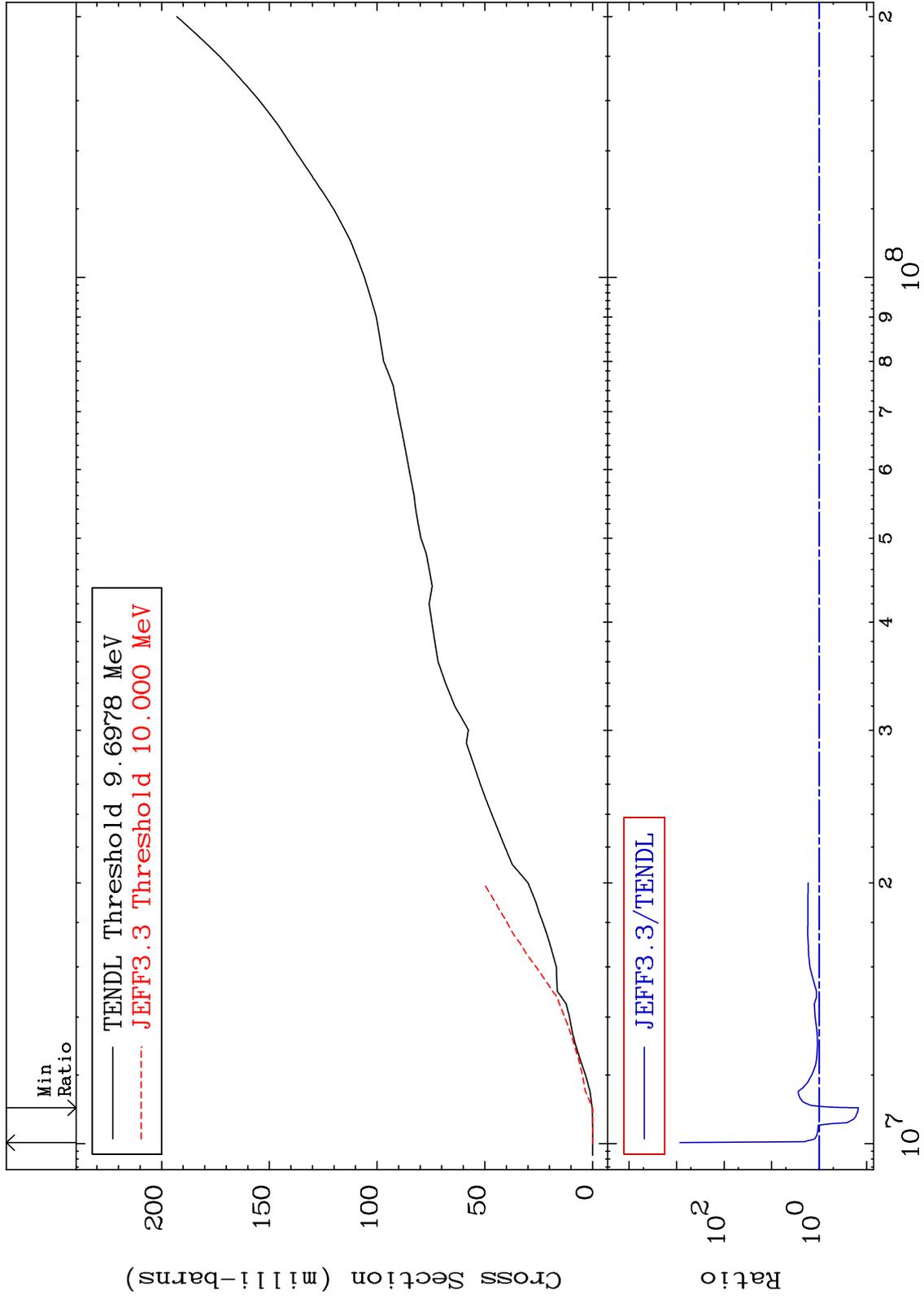
32

14-Si-28

MAT 1425

Deuterium Production
Cross Section

14-Si-28
-85.15 To 9999. %



14-Si-28

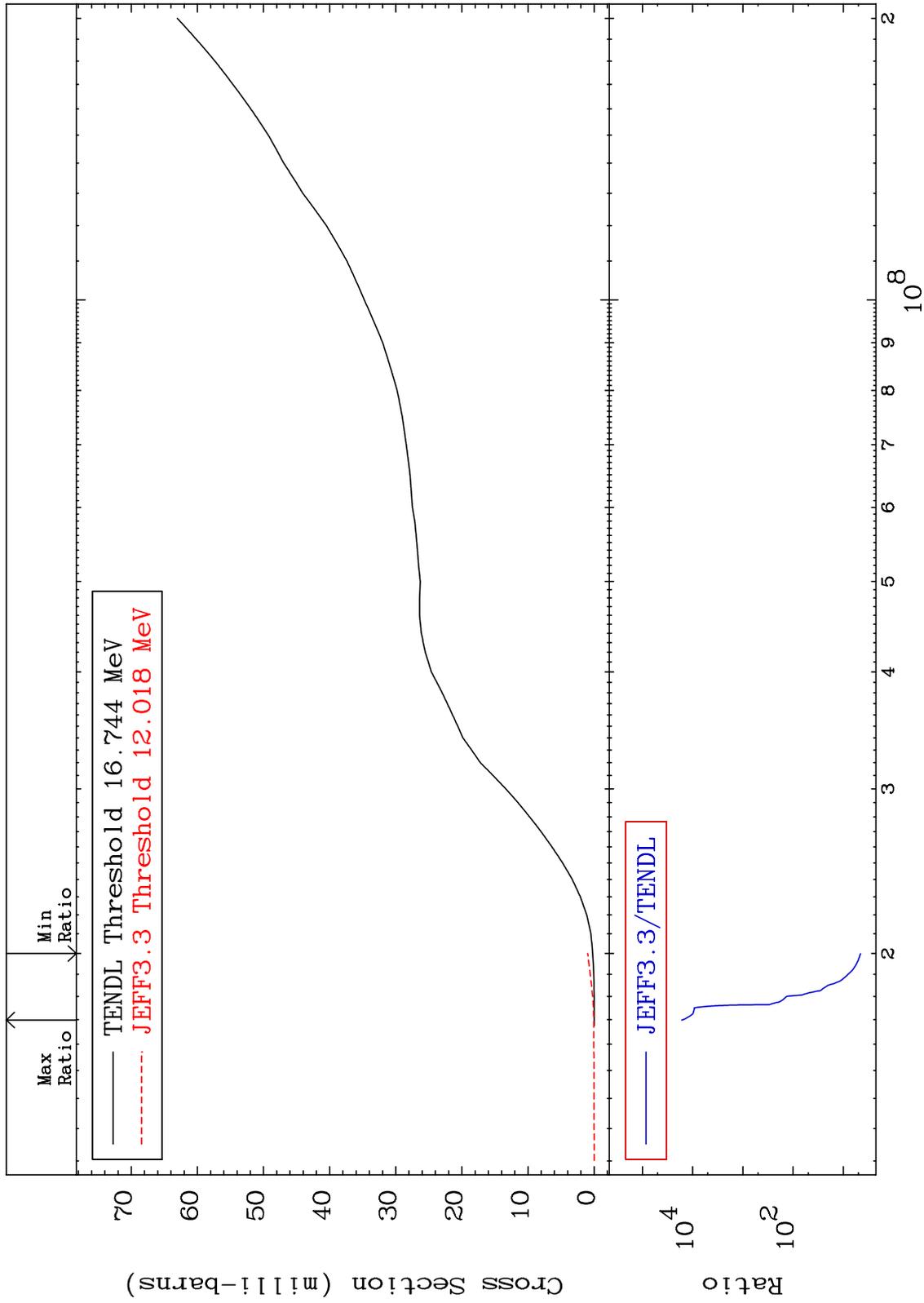
Incident Energy (eV)

33

MAT 1425

Tritium Production
Cross Section

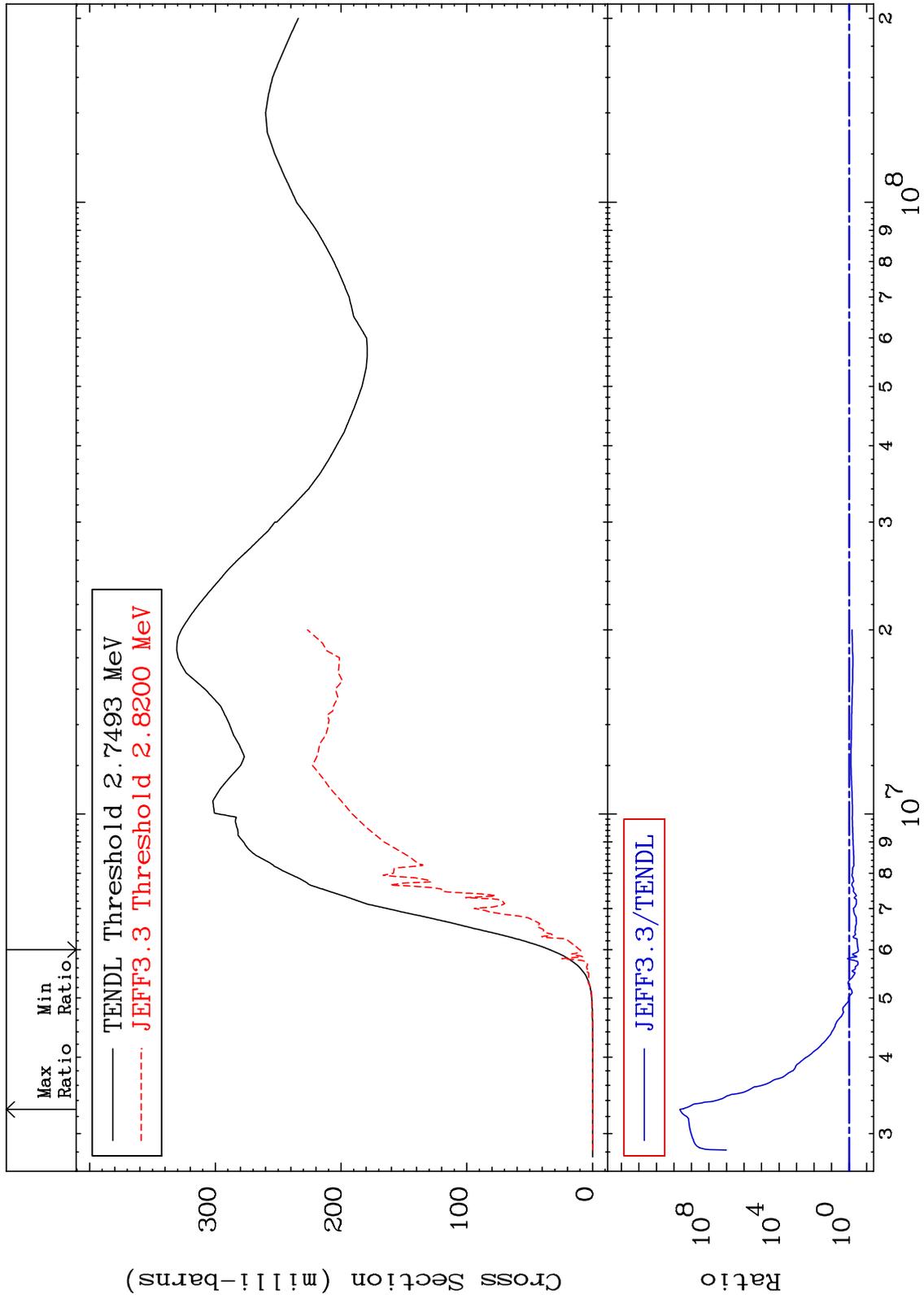
14-Si-28
352.1 To 9999. %

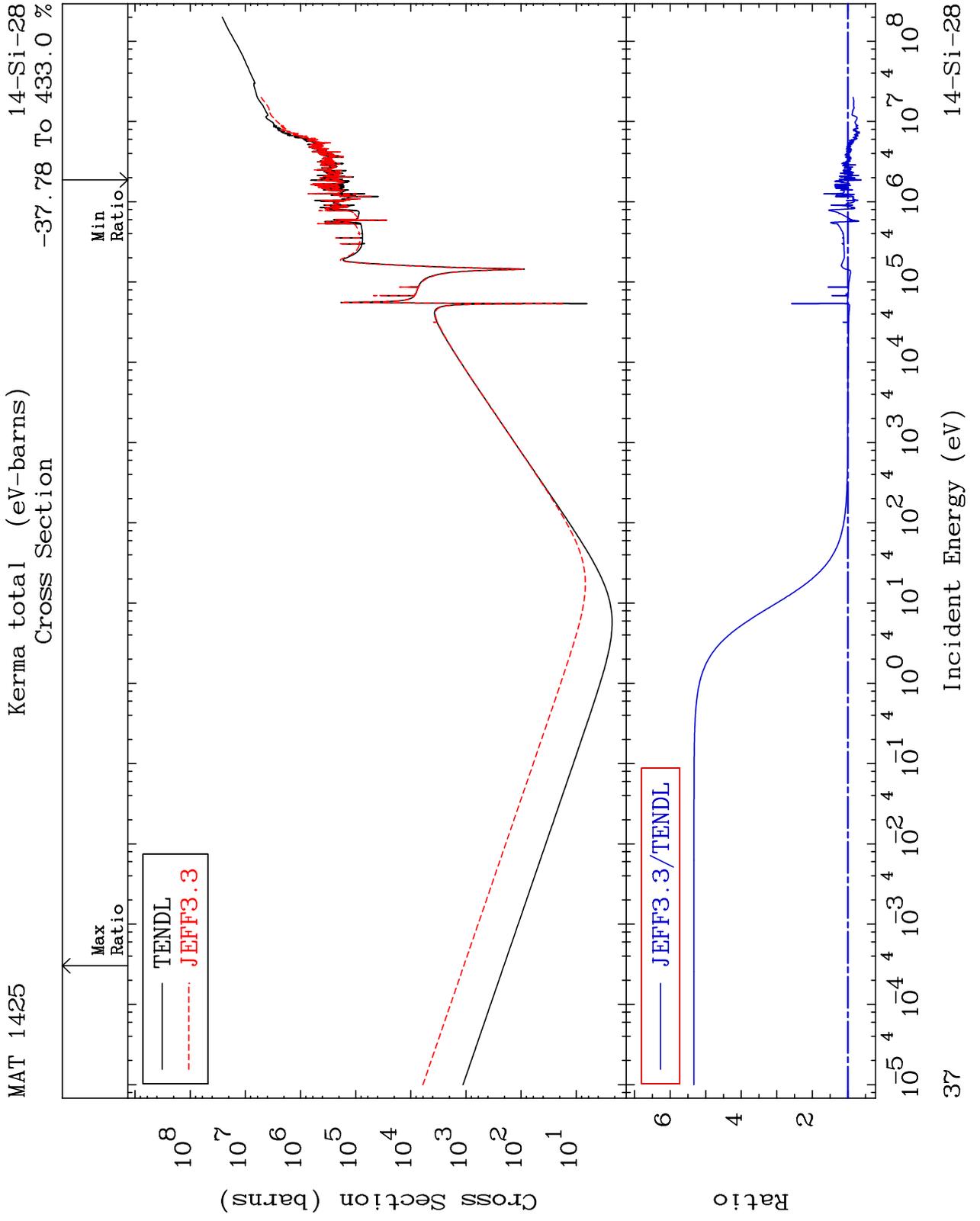


MAT 1425

He-4 Production
Cross Section

14-Si-28
-70.40 To 9999. %

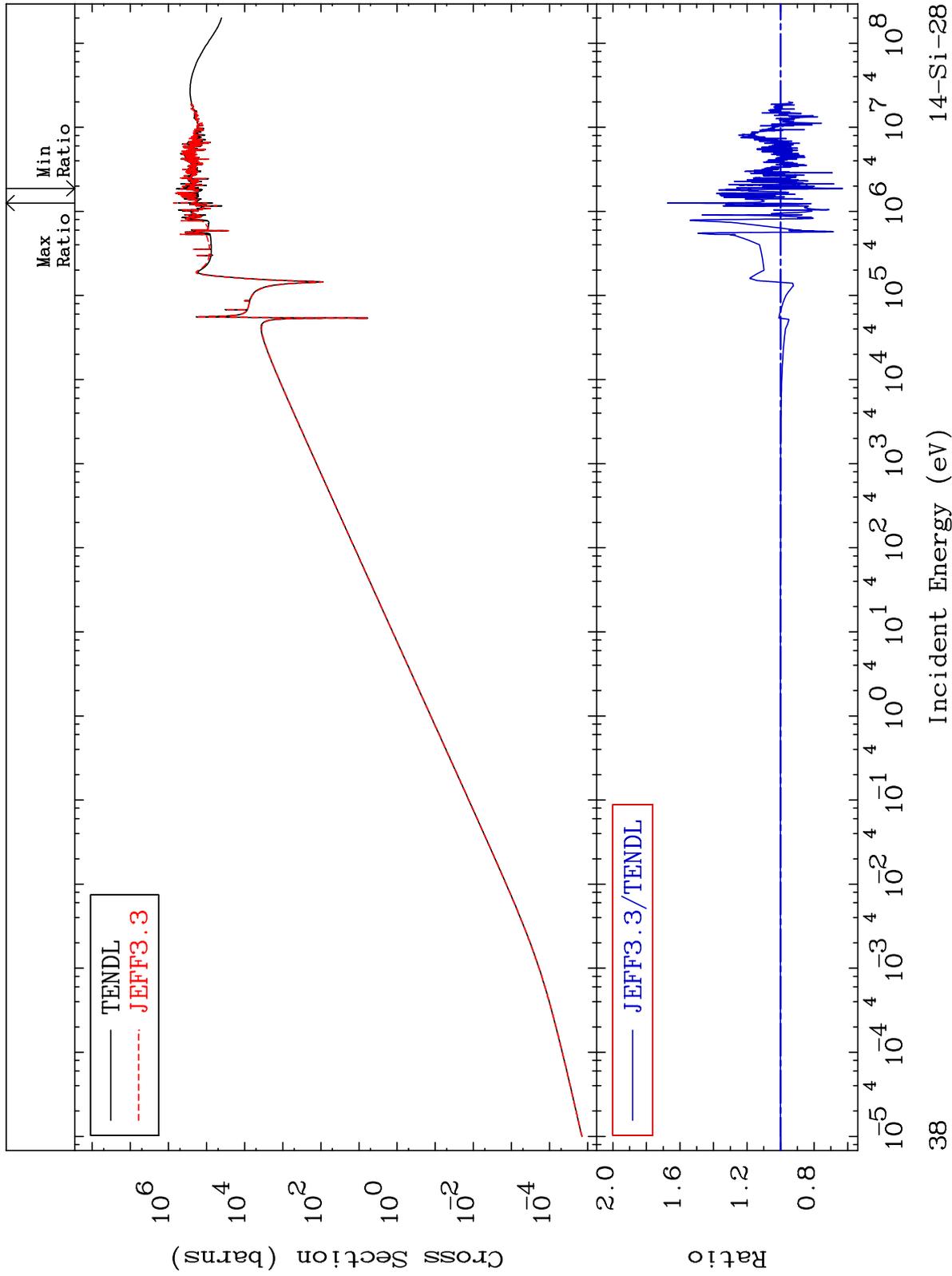




MAT 1425

Kerma elastic
Cross Section

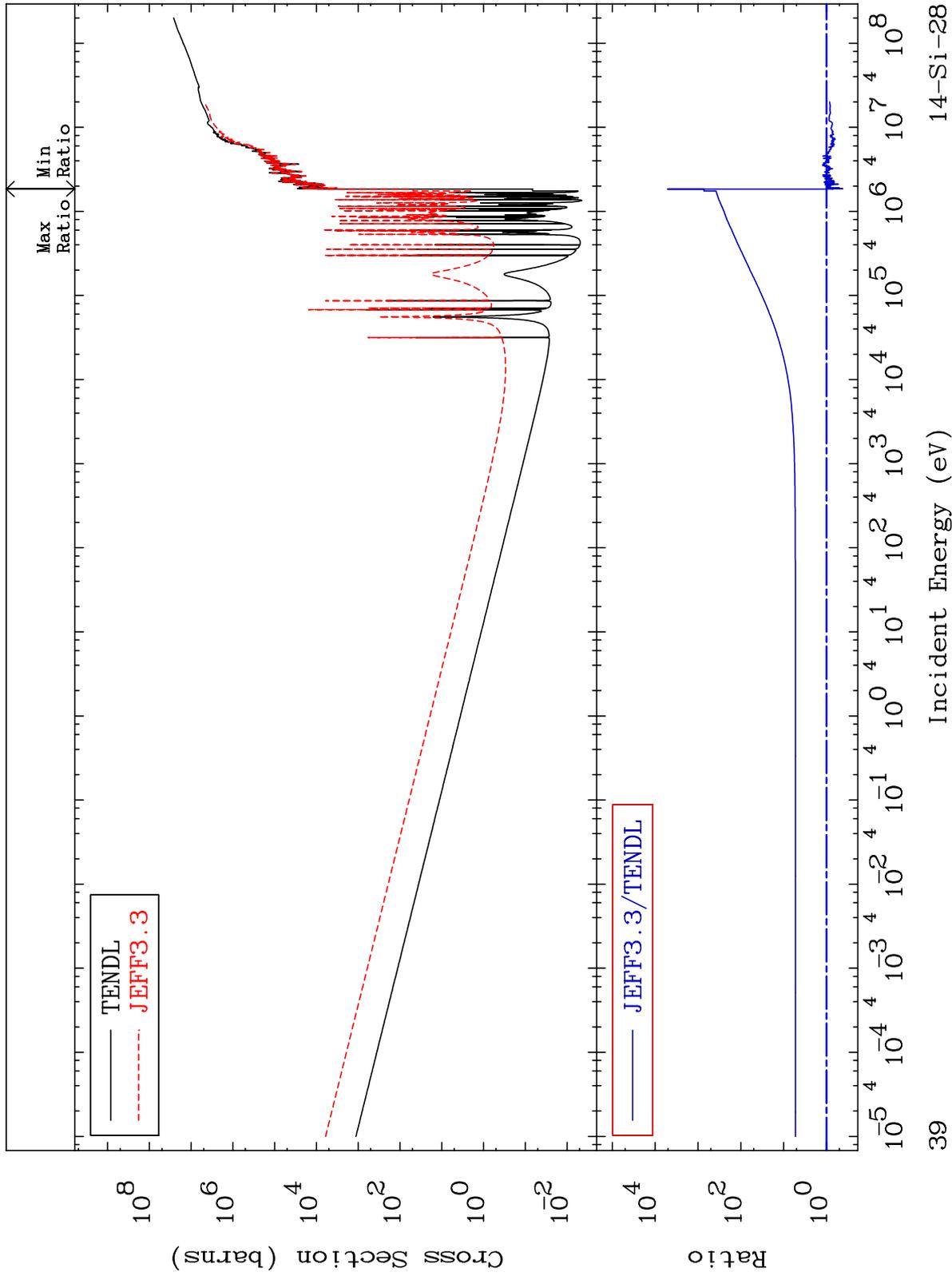
14-Si-28
-37.12 To 67.35 %



MAT 1425

Kerma non-elastic (all but mt2)
Cross Section

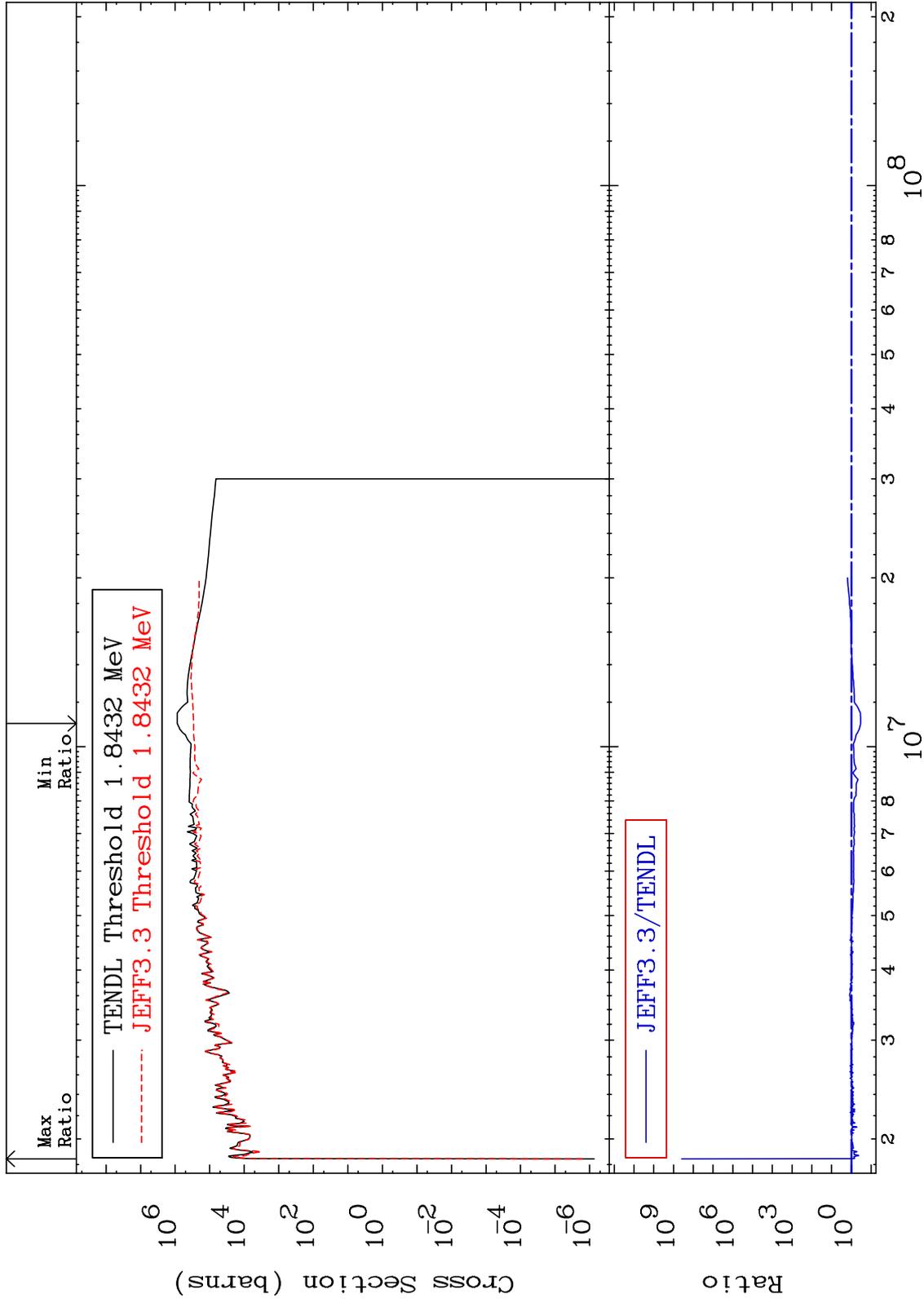
14-Si-28
-58.28 To 9999. %



MAT 1425

Kerma inelastic (mt51-91)
Cross Section

14-Si-28
-66.22 To 9999. %



40

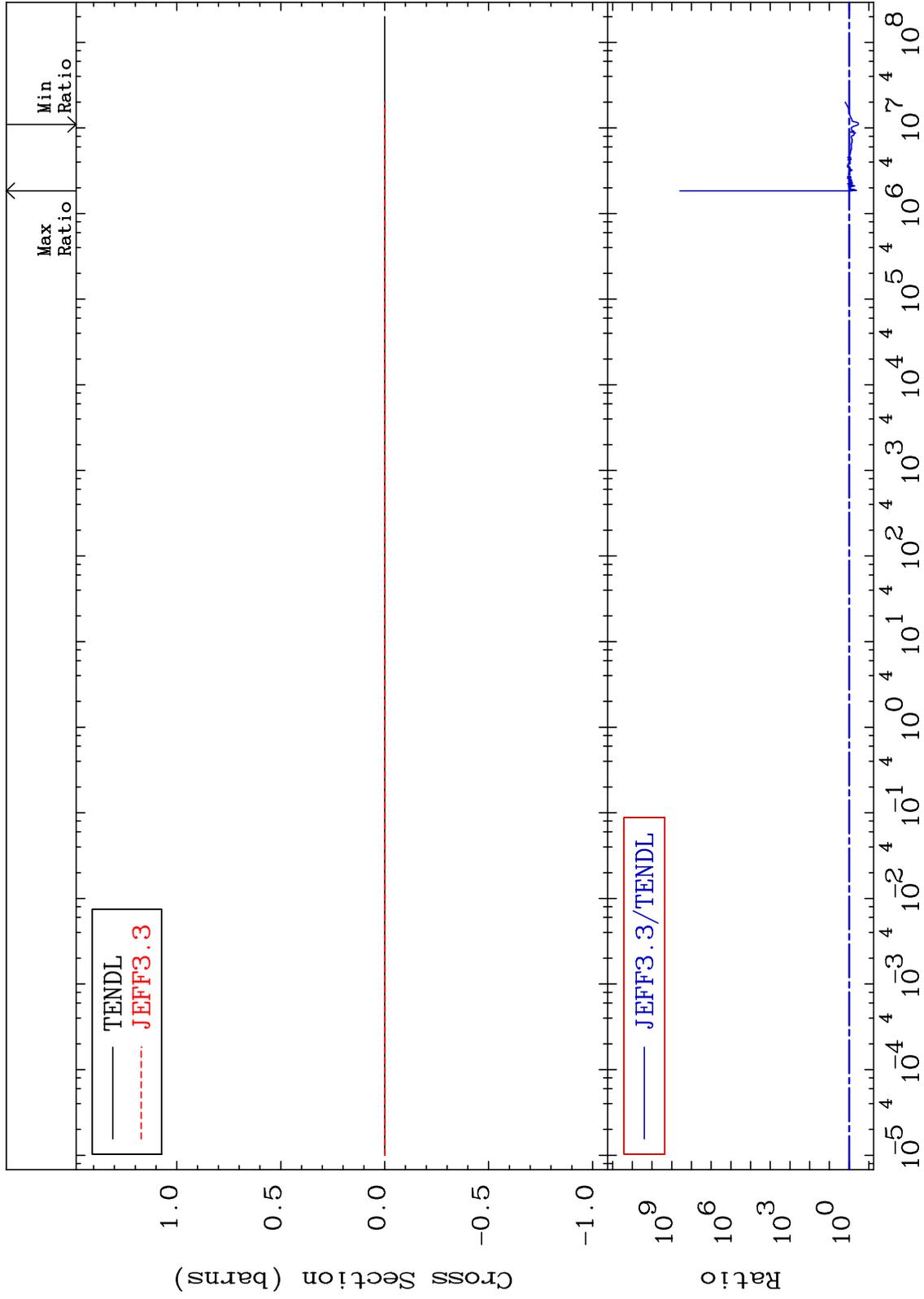
Incident Energy (eV)

14-Si-28

MAT 1425

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

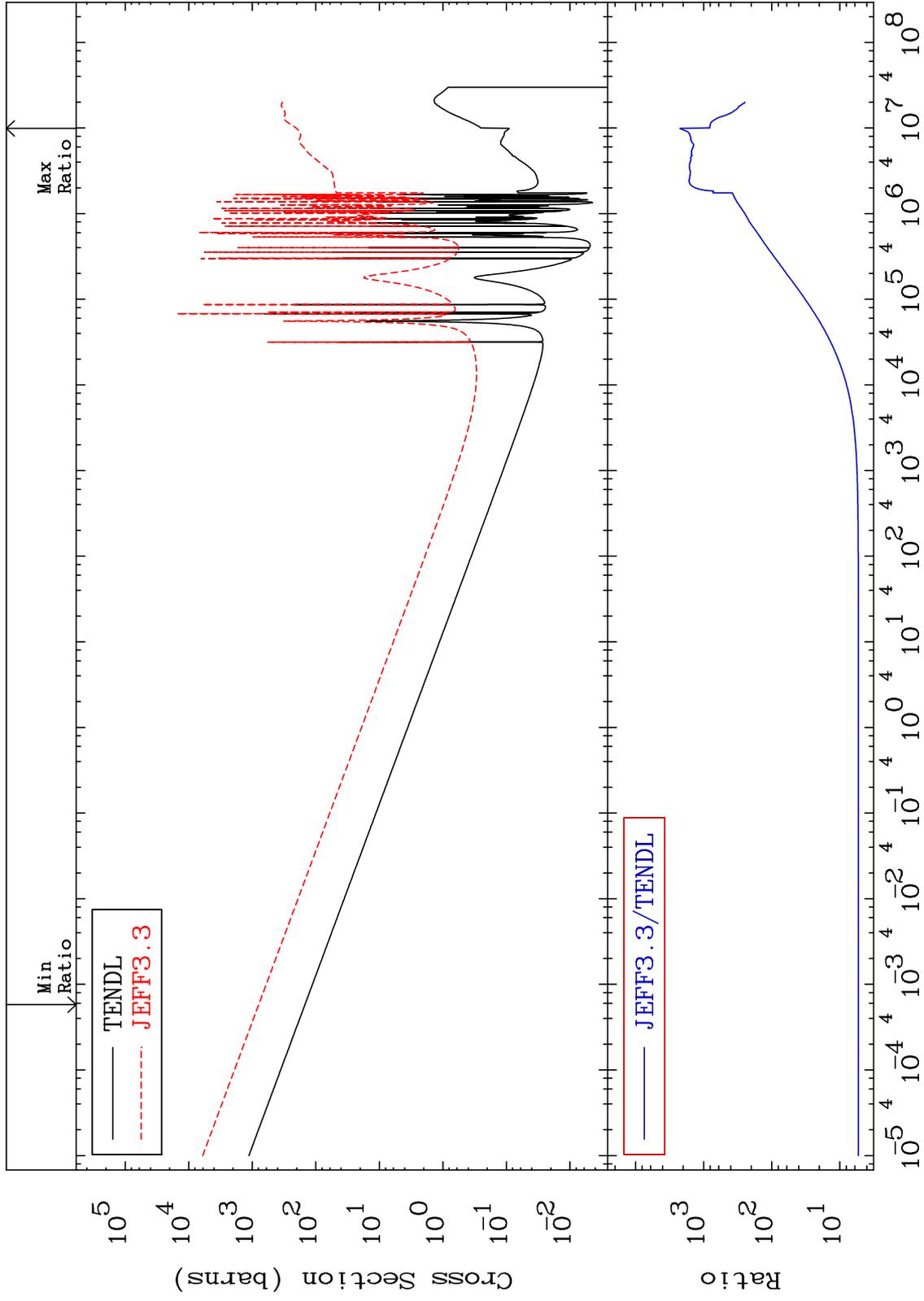
14-Si-28
-66.22 To 9999. %



MAT 1425

Kerma capture (mt102)
Cross Section

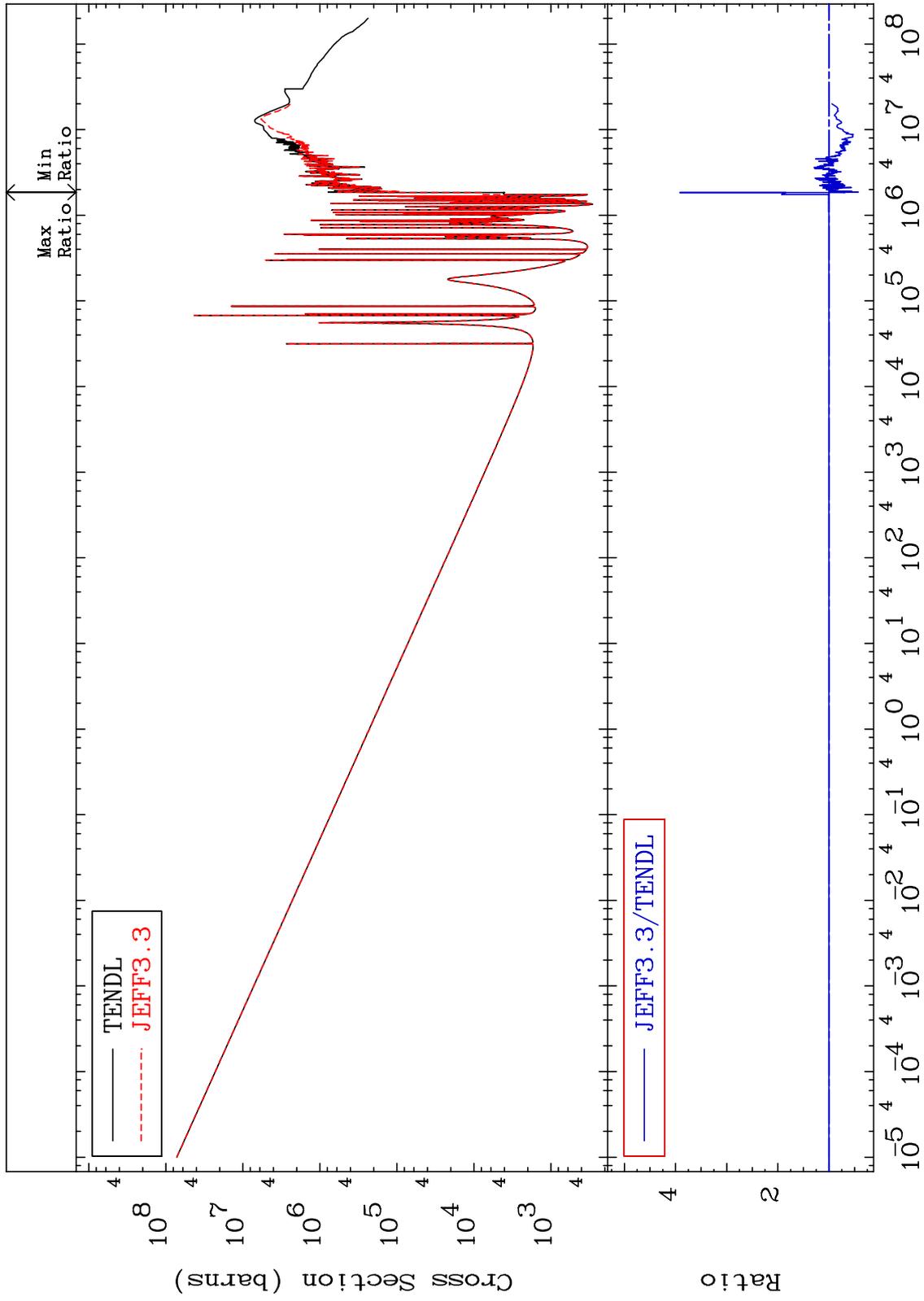
14-Si-28
433.0 To 9999. %



MAT 1425

Total photon (eV-barns)
Cross Section

14-Si-28
-57.49 To 291.4 %

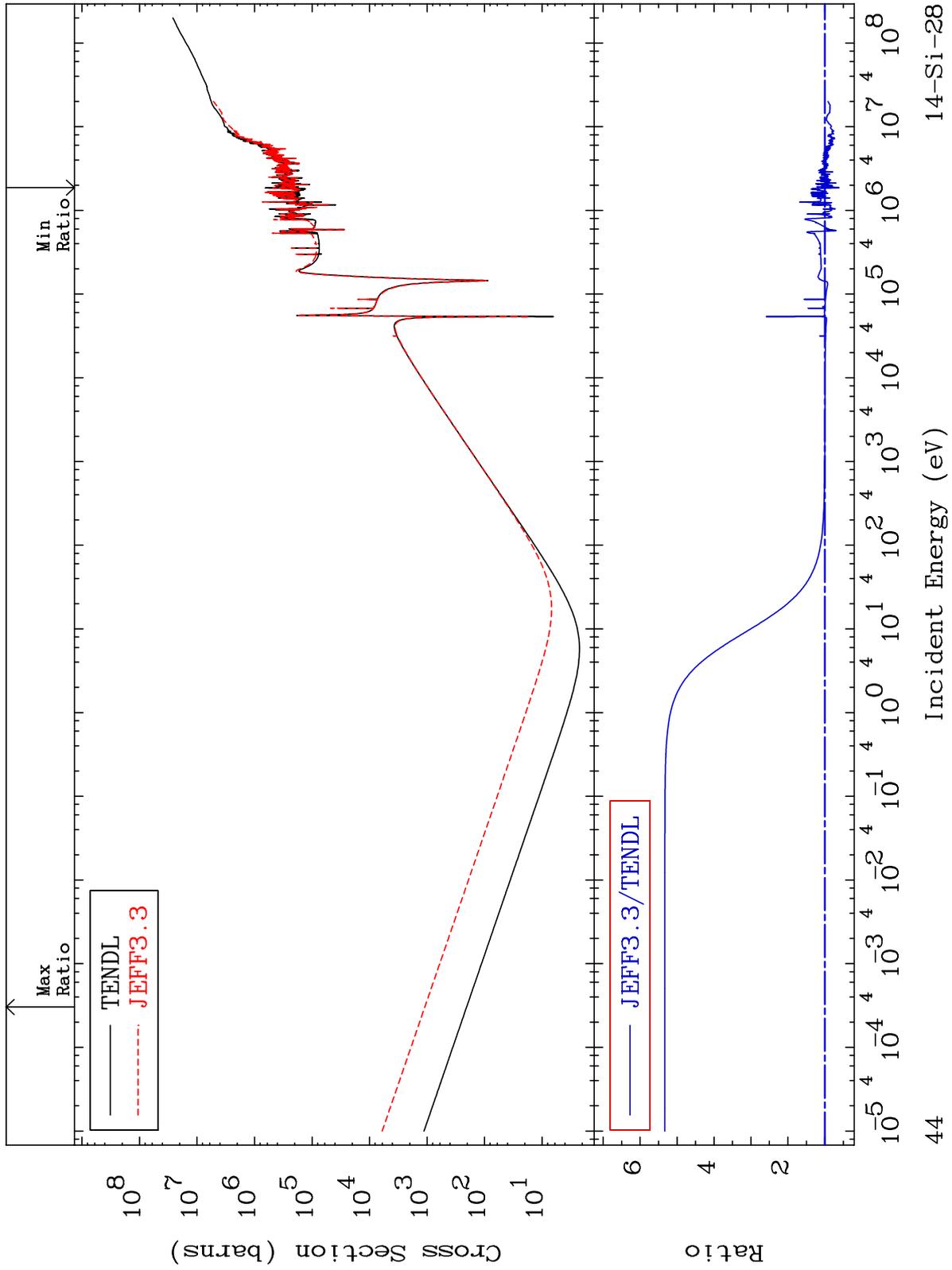


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Incident Energy (eV)

14-Si-28

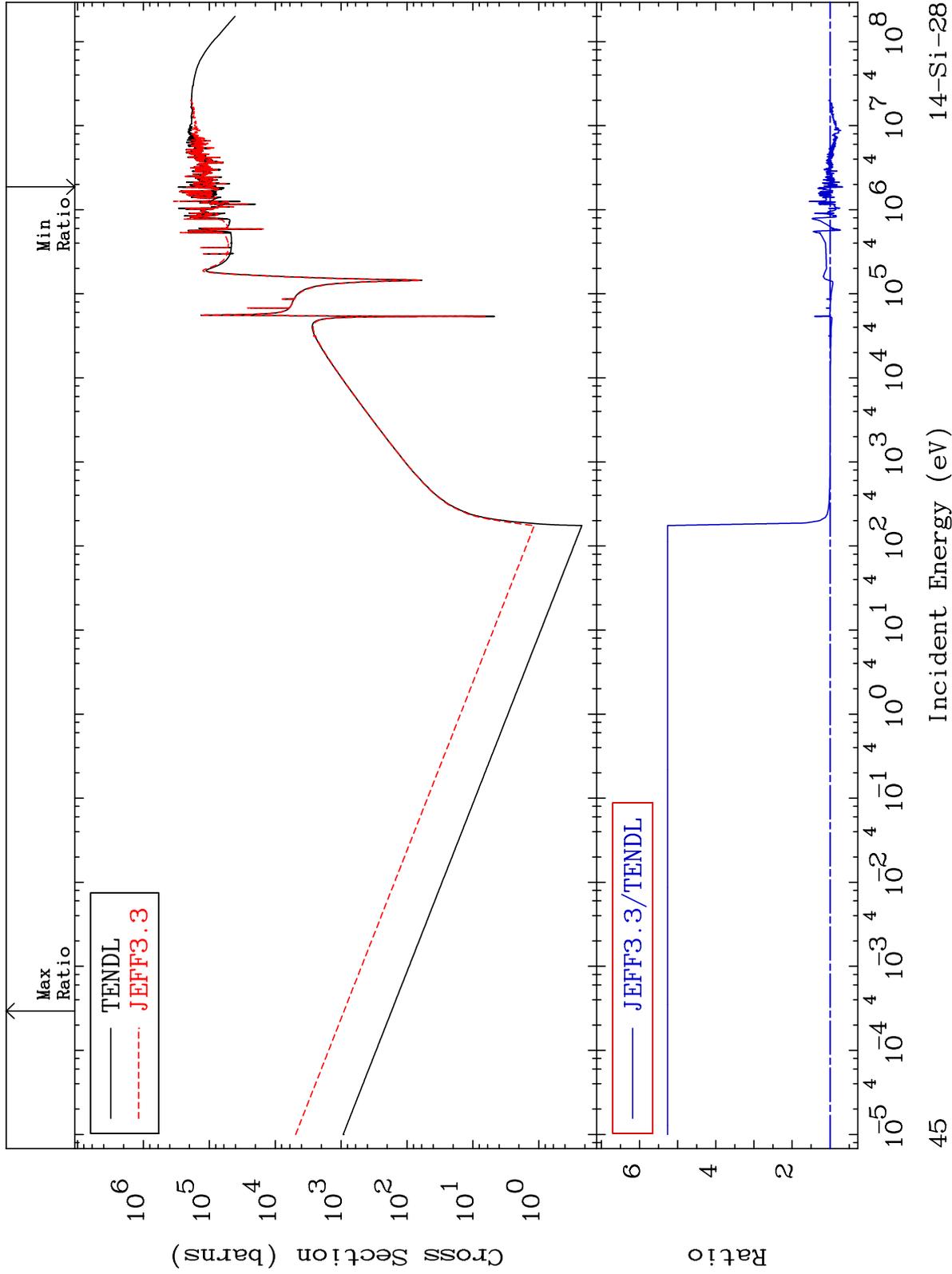
MAT 1425 Total kinematic kerma (high limit) 14-Si-28
Cross Section -39.34 To 433.0 %



MAT 1425

Dpa total (eV-barns)
Cross Section

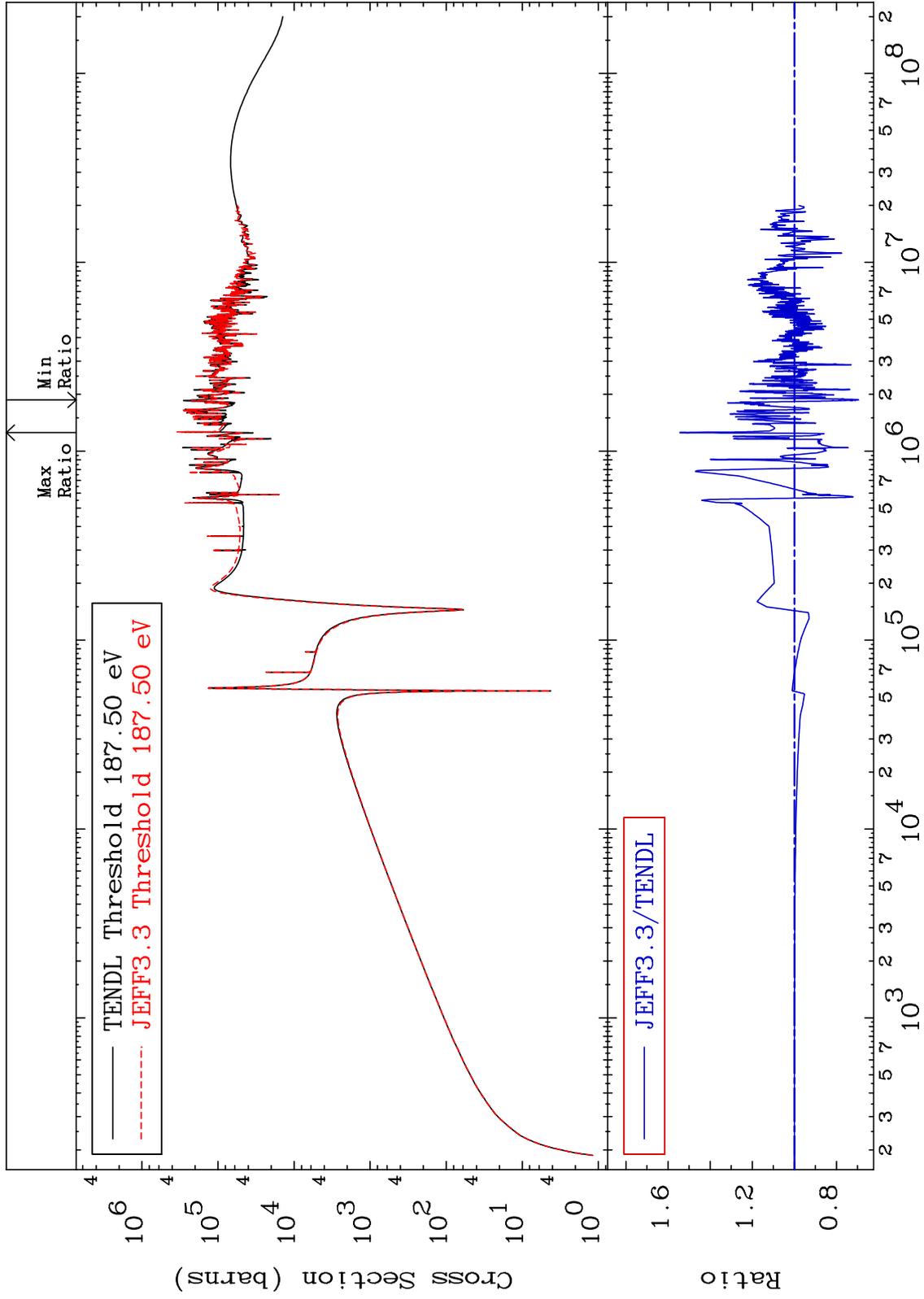
14-Si-28
-33.47 To 426.3 %



MAT 1425

Dpa elastic (mt2)
Cross Section

14-Si-28
-30.43 To 54.34 %



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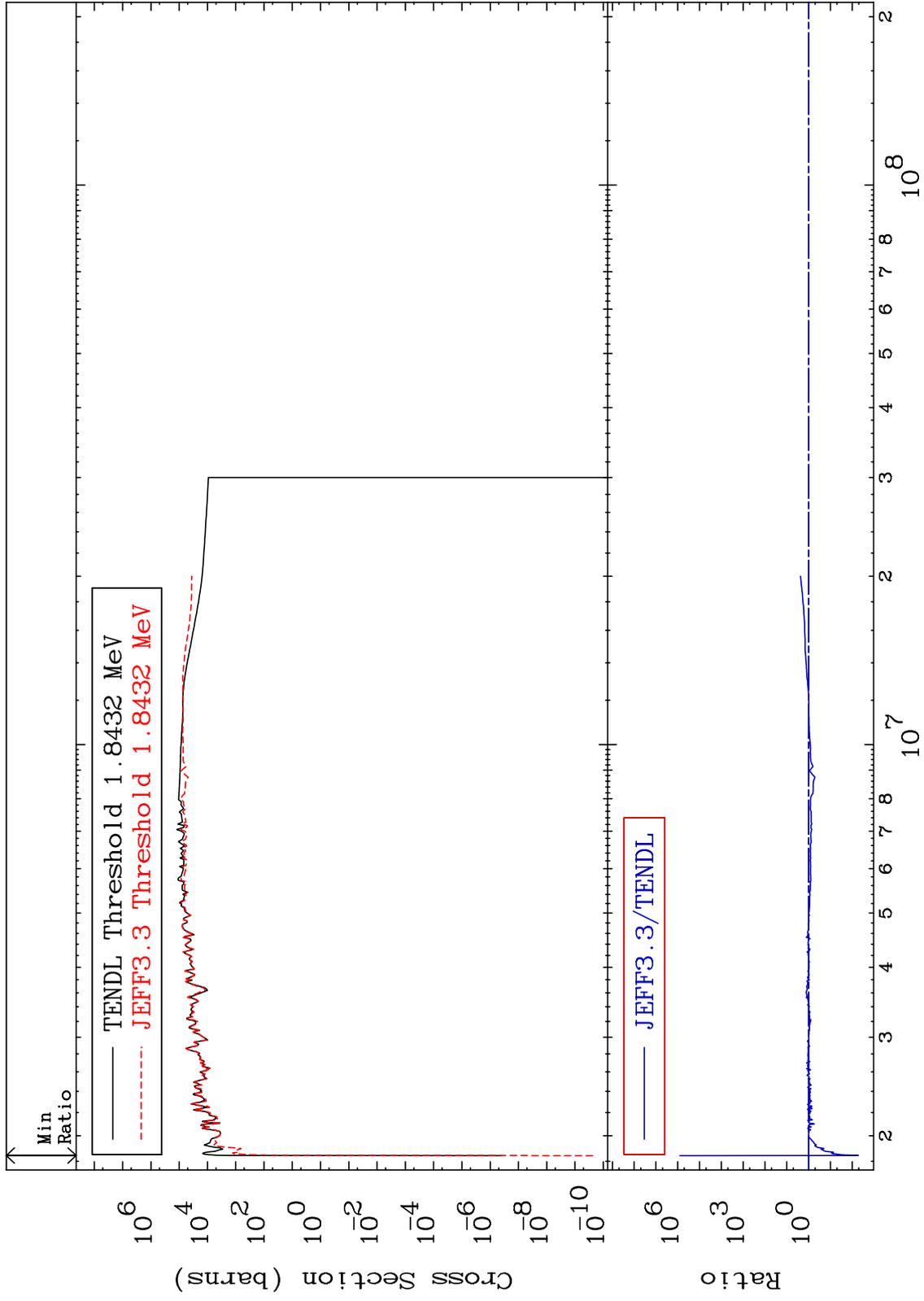
Incident Energy (eV)

14-Si-28

MAT 1425

Dpa inelastic (mt51-91)
Cross Section

14-Si-28
-99.48 To 9999. %



MAT 1425

Dpa disappearance (mt102 -120)
Cross Section

14-Si-28
-38.93 To 9999. %

