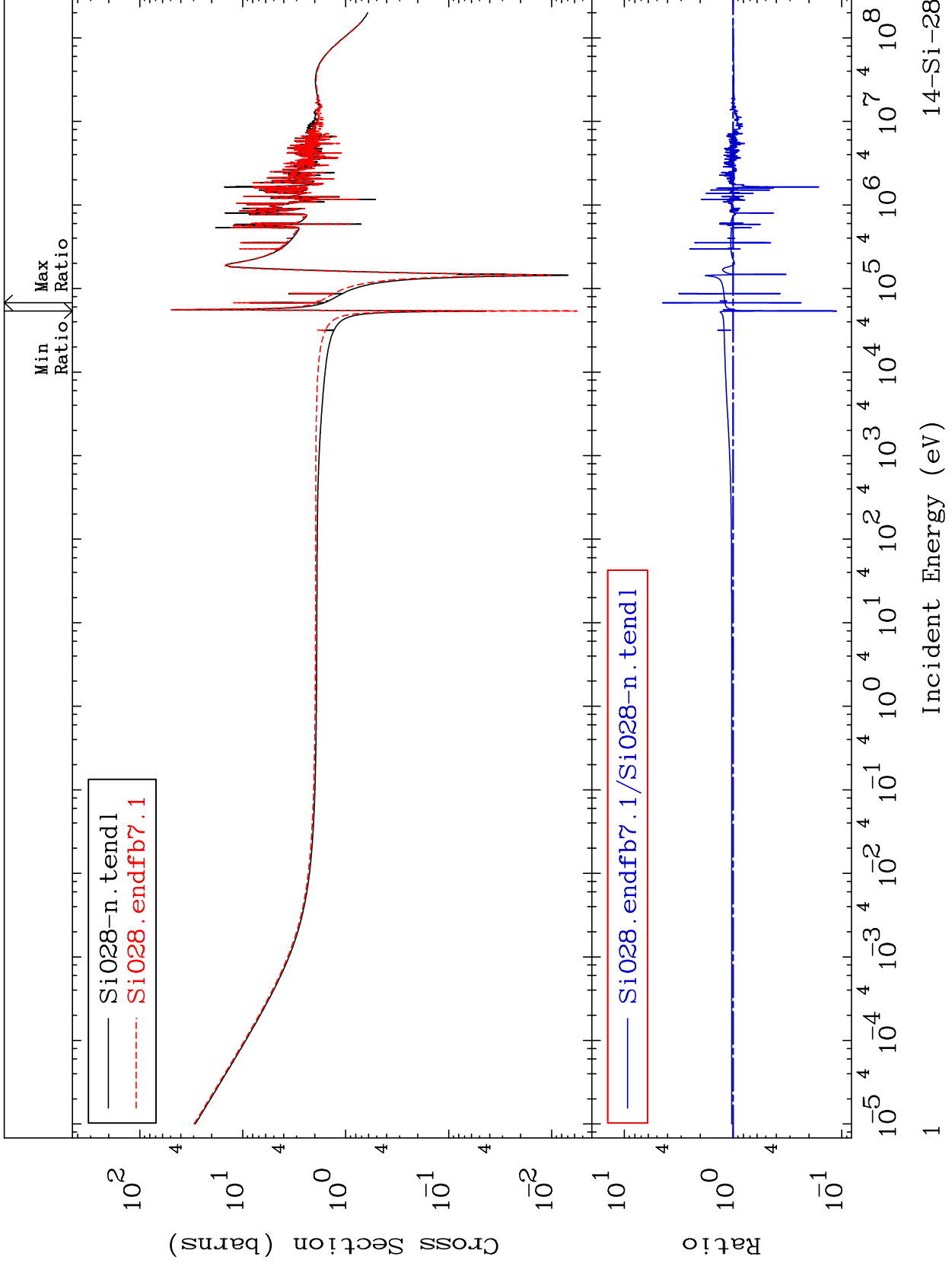


MAT 1425

Total  
Cross Section

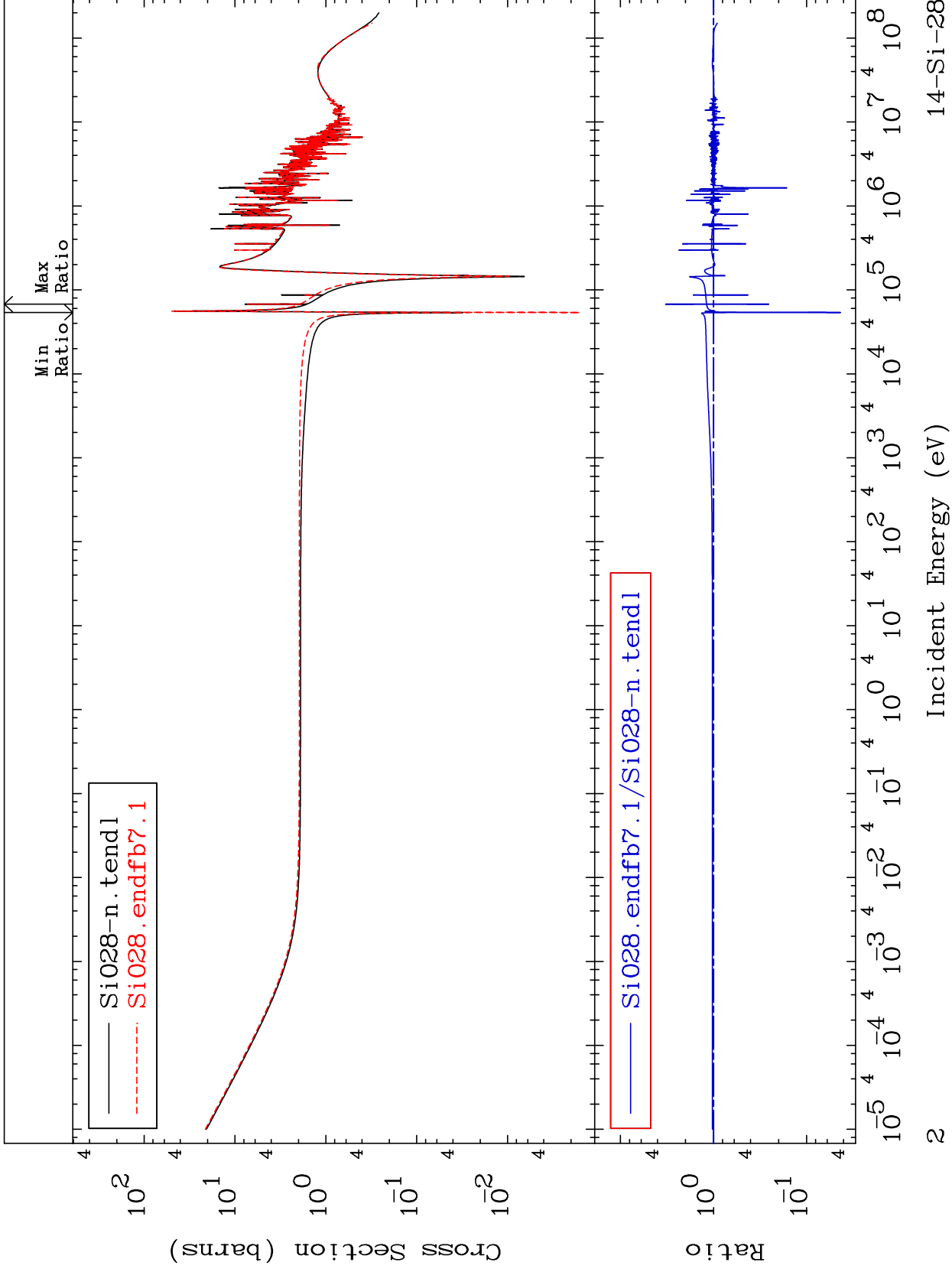
14-Si-28  
-88.84 To 346.6 %



MAT 1425

Elastic  
Cross Section

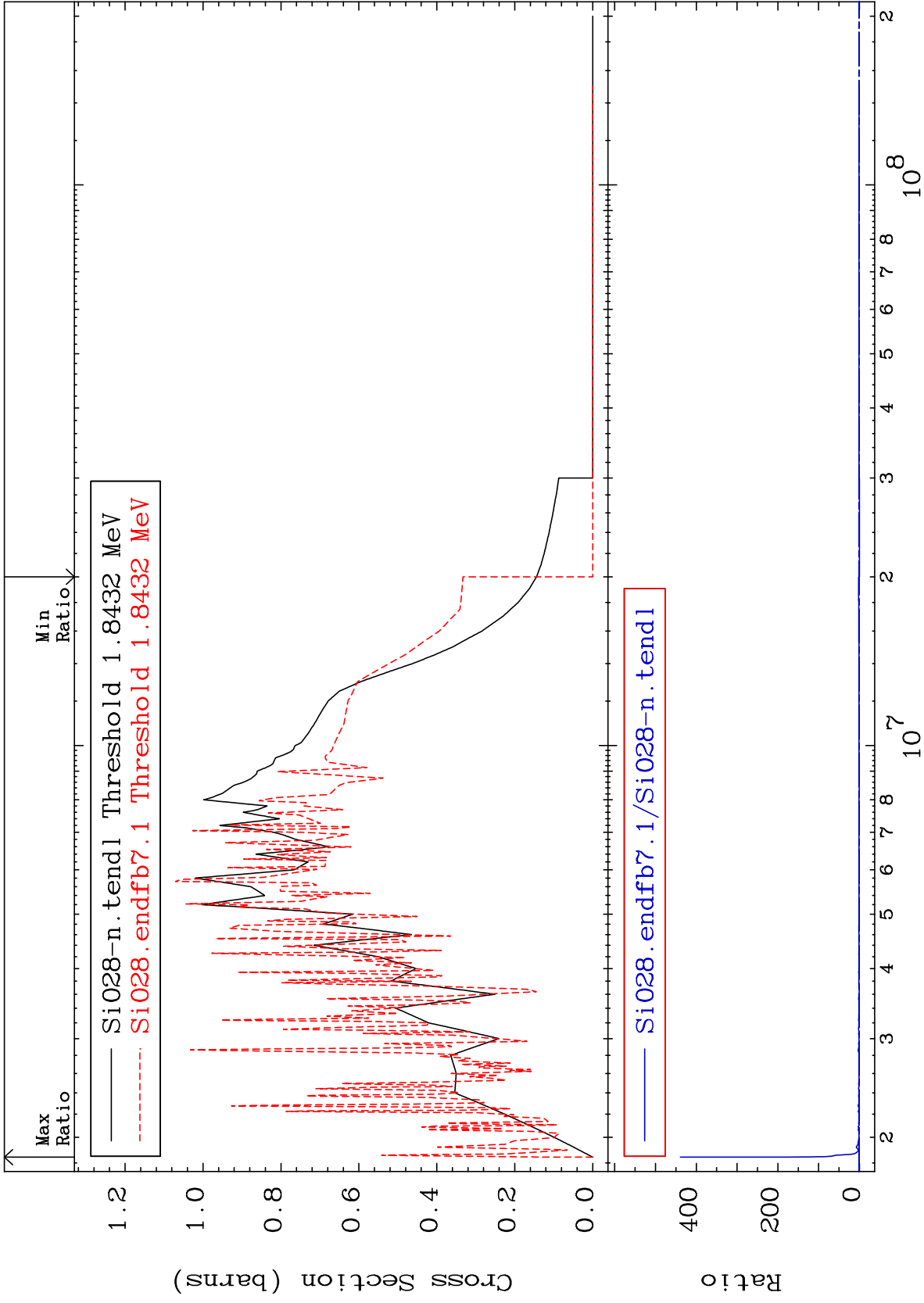
14-Si-28  
-95.70 To 228.2 %



MAT 1425

Inelastic  
Cross Section

14-Si-28  
-100.0 To 9999. %



3

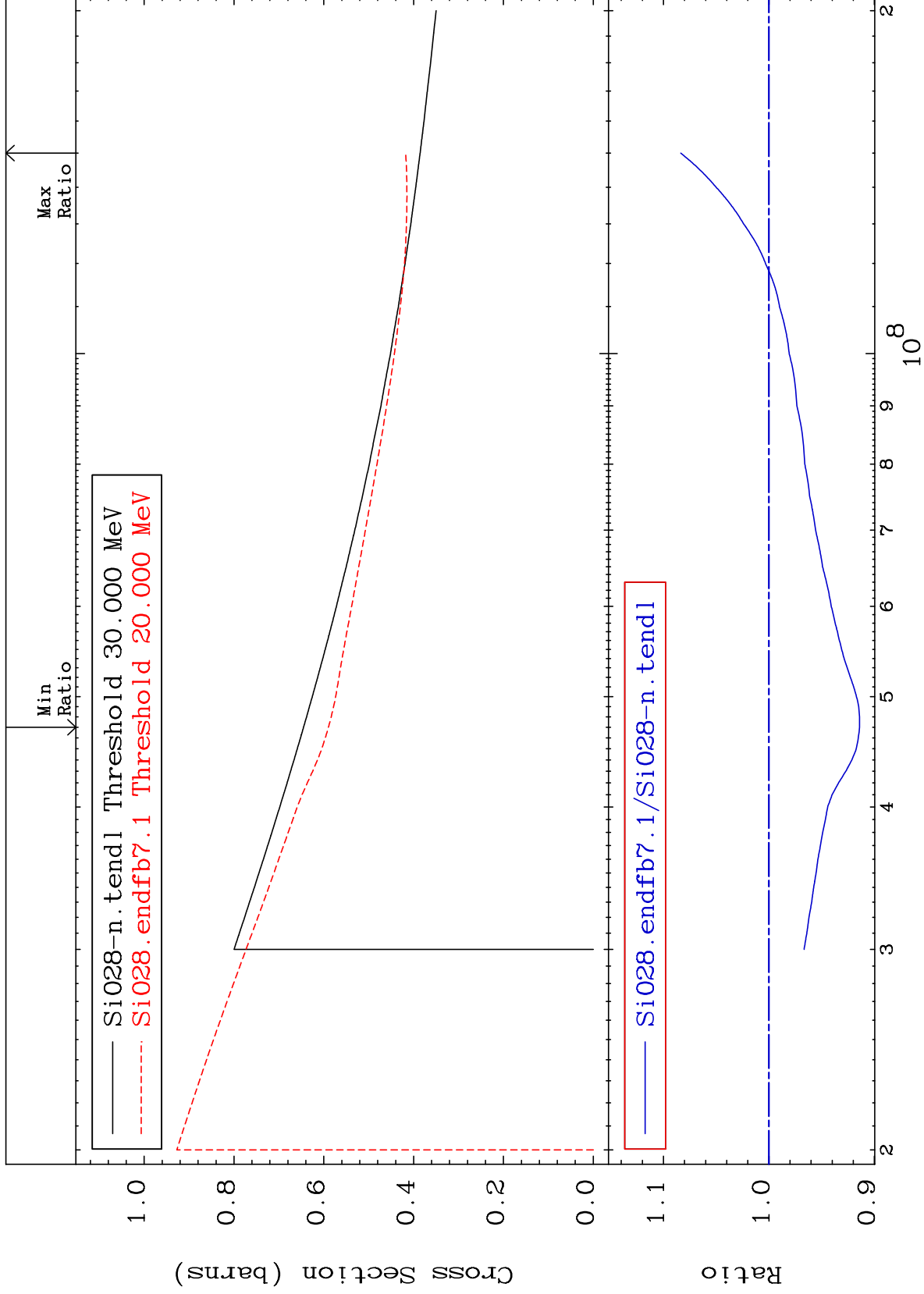
Incident Energy (eV)

14-Si-28

MAT 1425

(n, remainder)  
Cross Section

14-Si-28  
-8.592 To 8.357 %



14-Si-28

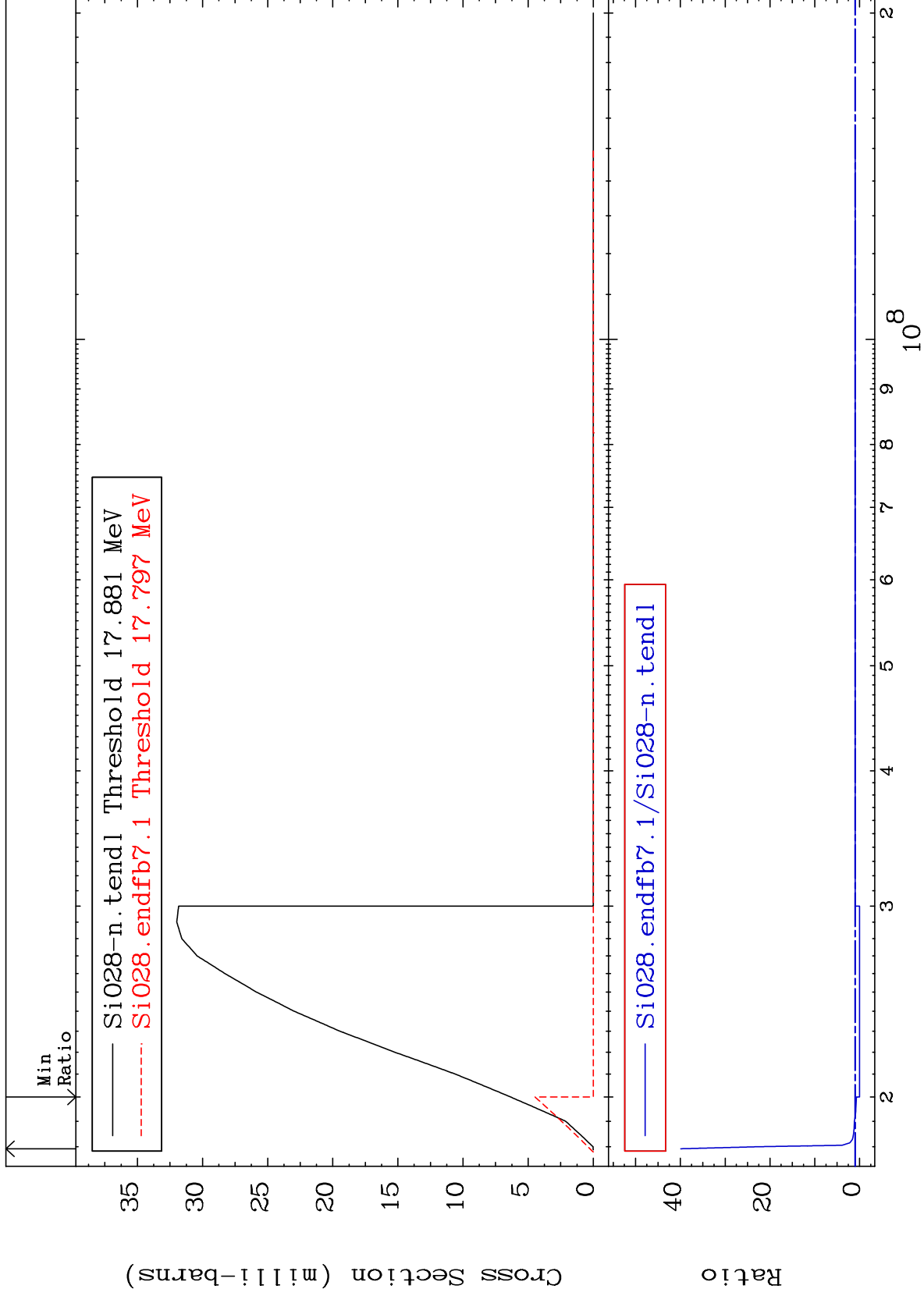
Incident Energy (eV)

4

MAT 1425

(n,2n)  
Cross Section

14-Si-28  
-100.0 To 3891. %



5

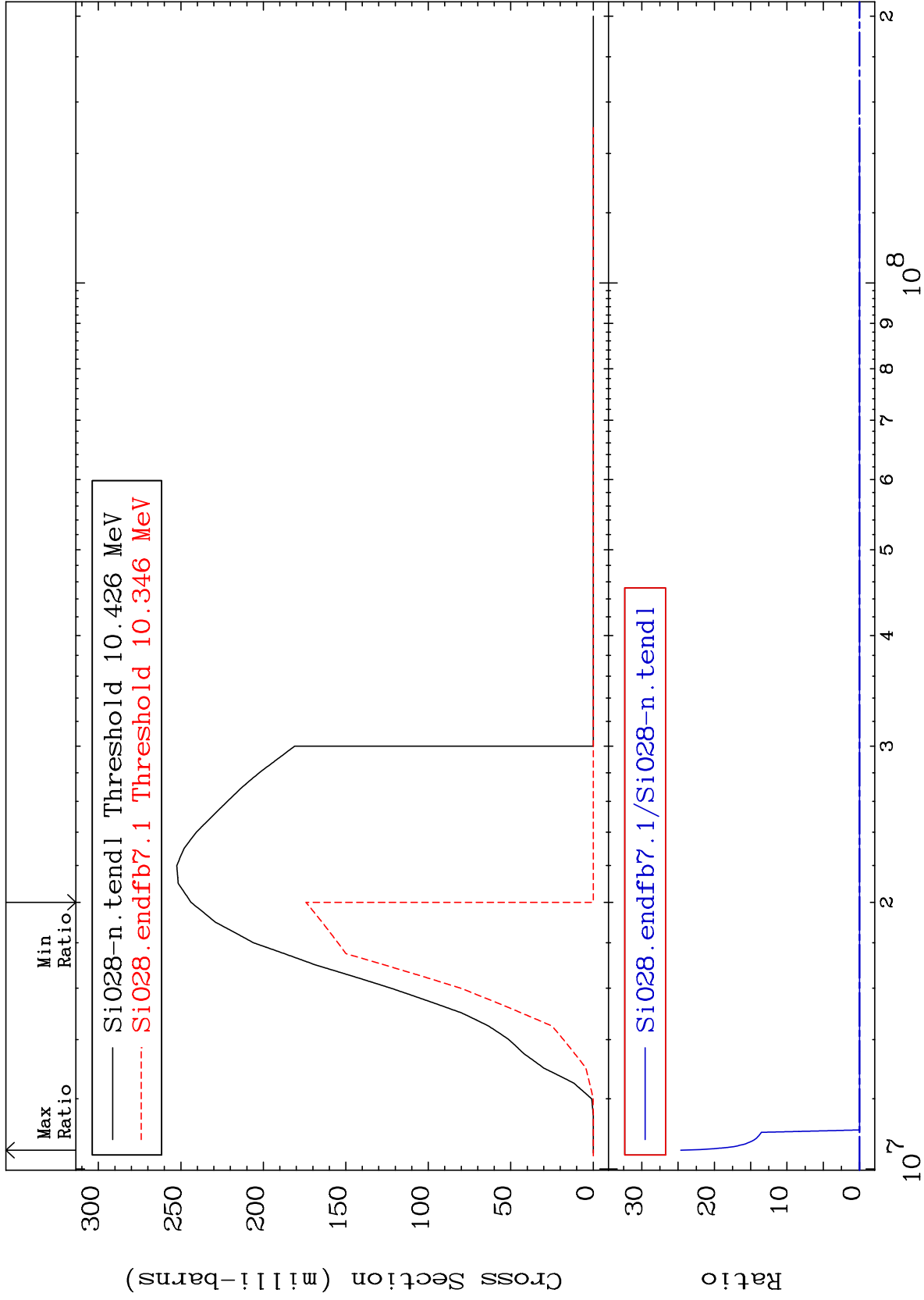
Incident Energy (eV)

14-Si-28

MAT 1425

(n,n')  $\alpha$   
Cross Section

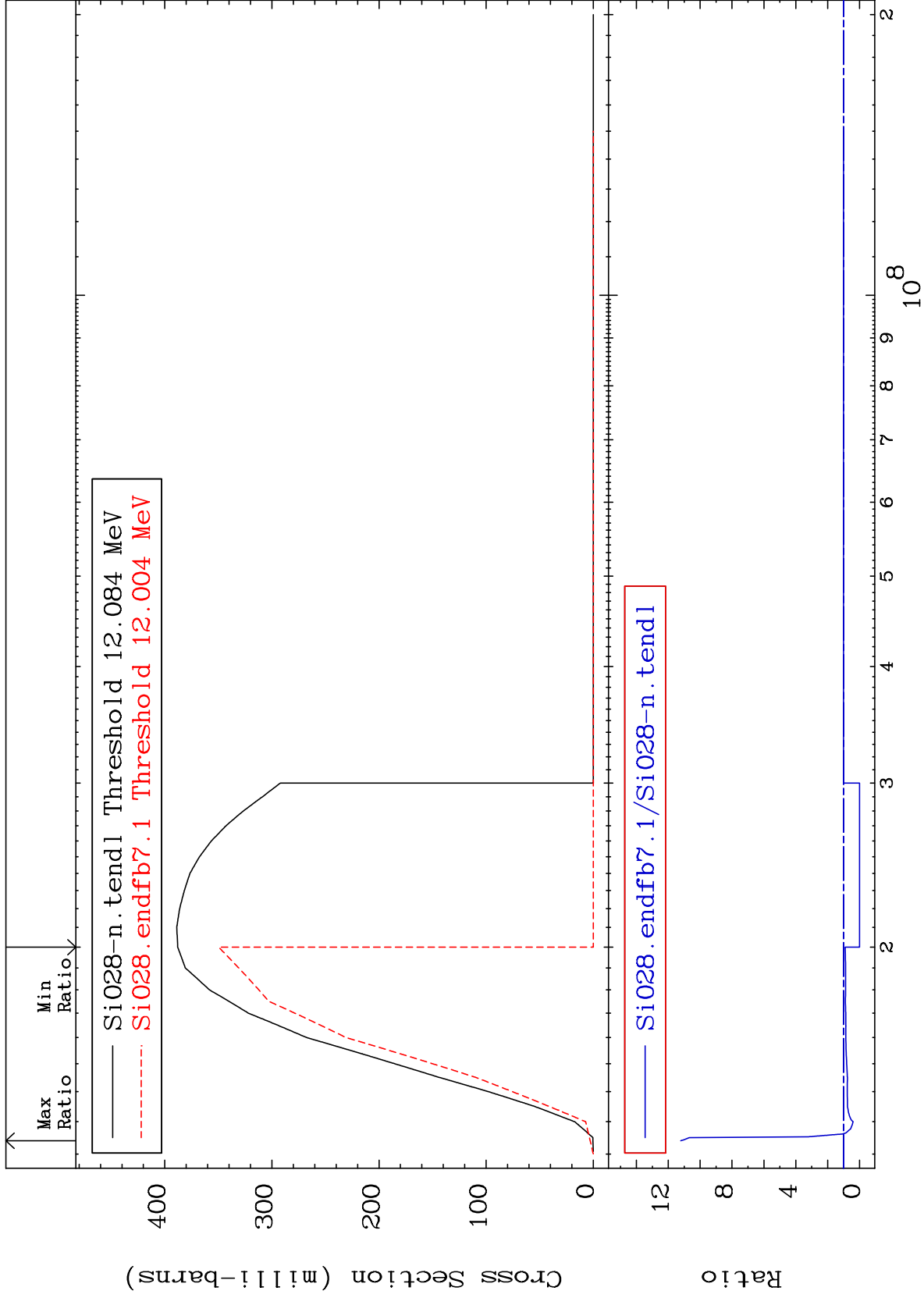
14-Si-28  
-100.0 To 9999. %



MAT 1425

(n,n') p  
Cross Section

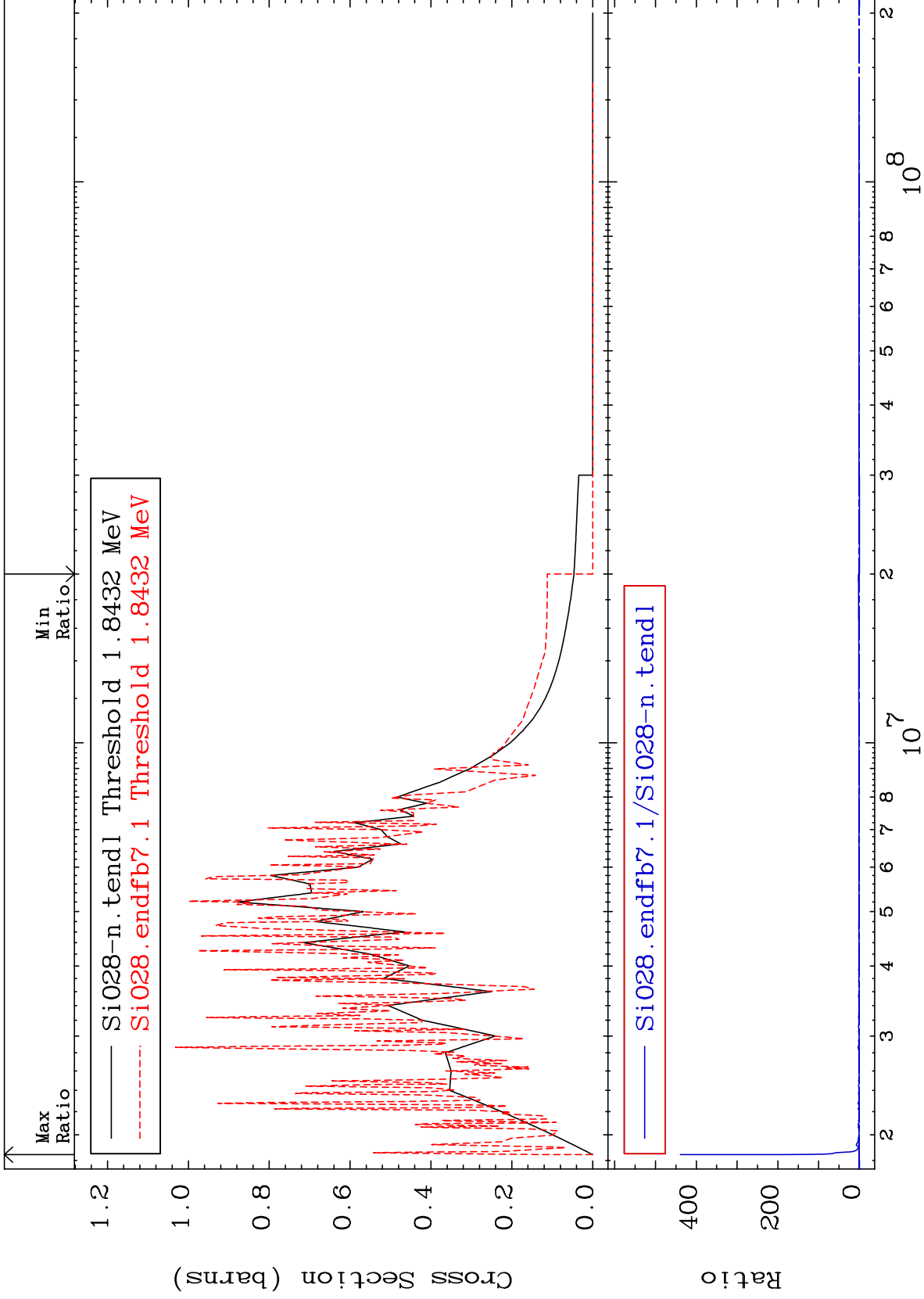
14-Si-28  
-100.0 To 1022. %



MAT 1425

1.779 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 9999. %



8

Incident Energy (eV)

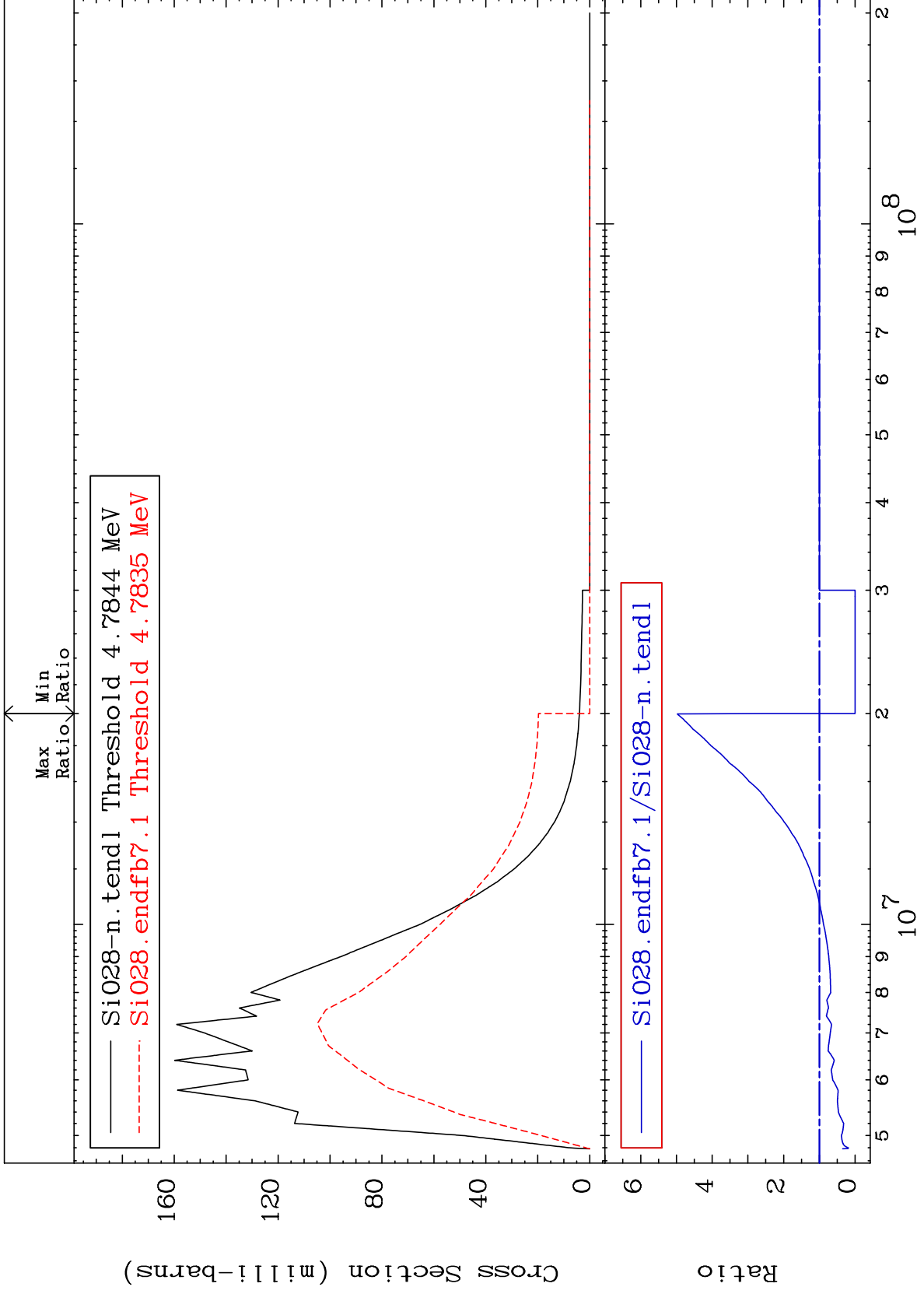
14-Si-28



MAT 1425

4.618 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 398.6 %



9

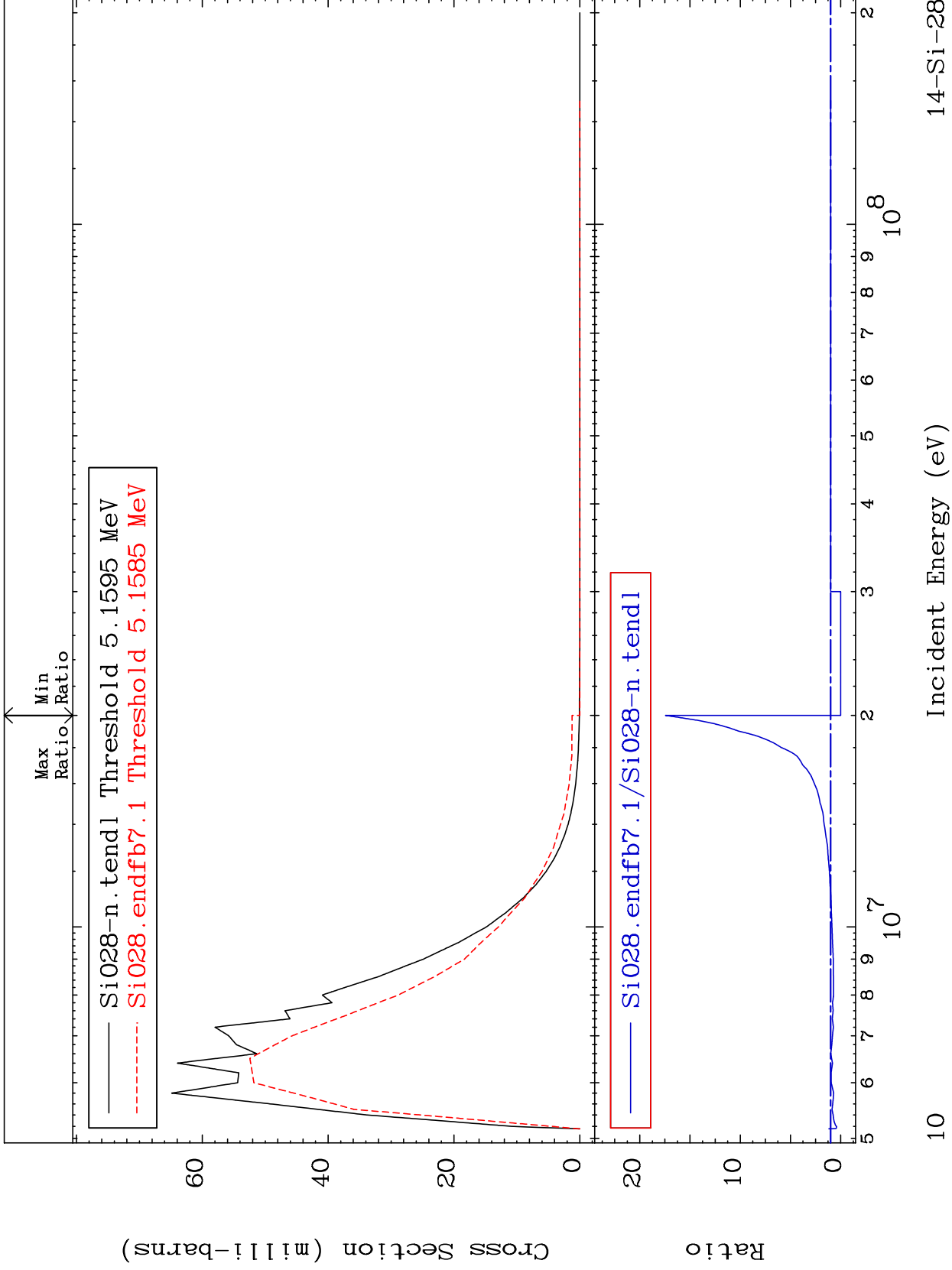
Incident Energy (eV)

14-Si-28

MAT 1425

4.980 MeV (n,n') Level  
Cross Section

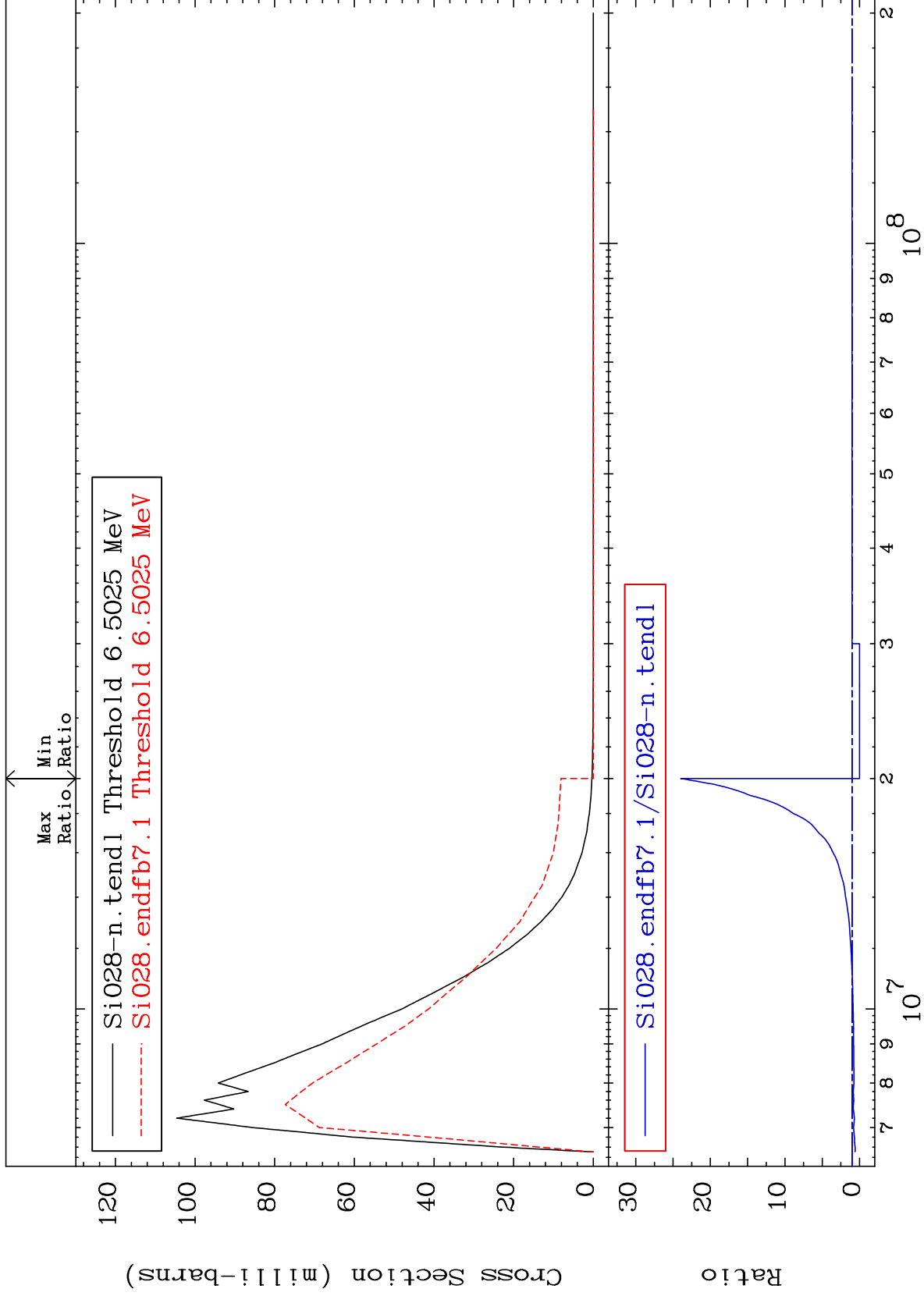
14-Si-28  
-100.0 To 1644. %



MAT 1425

6.276 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 2297. %



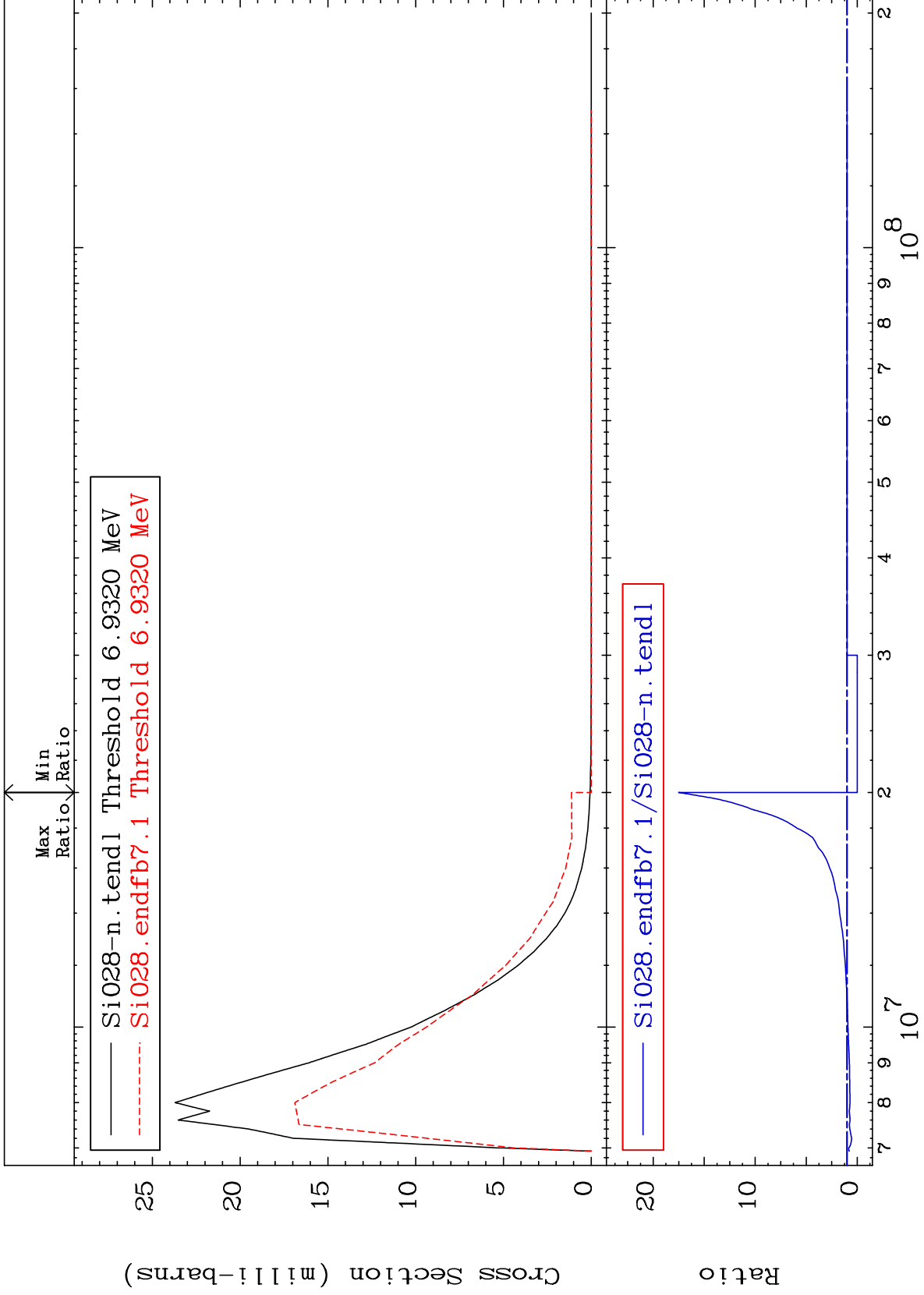
11

14-Si-28

MAT 1425

6.691 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1651. %



12

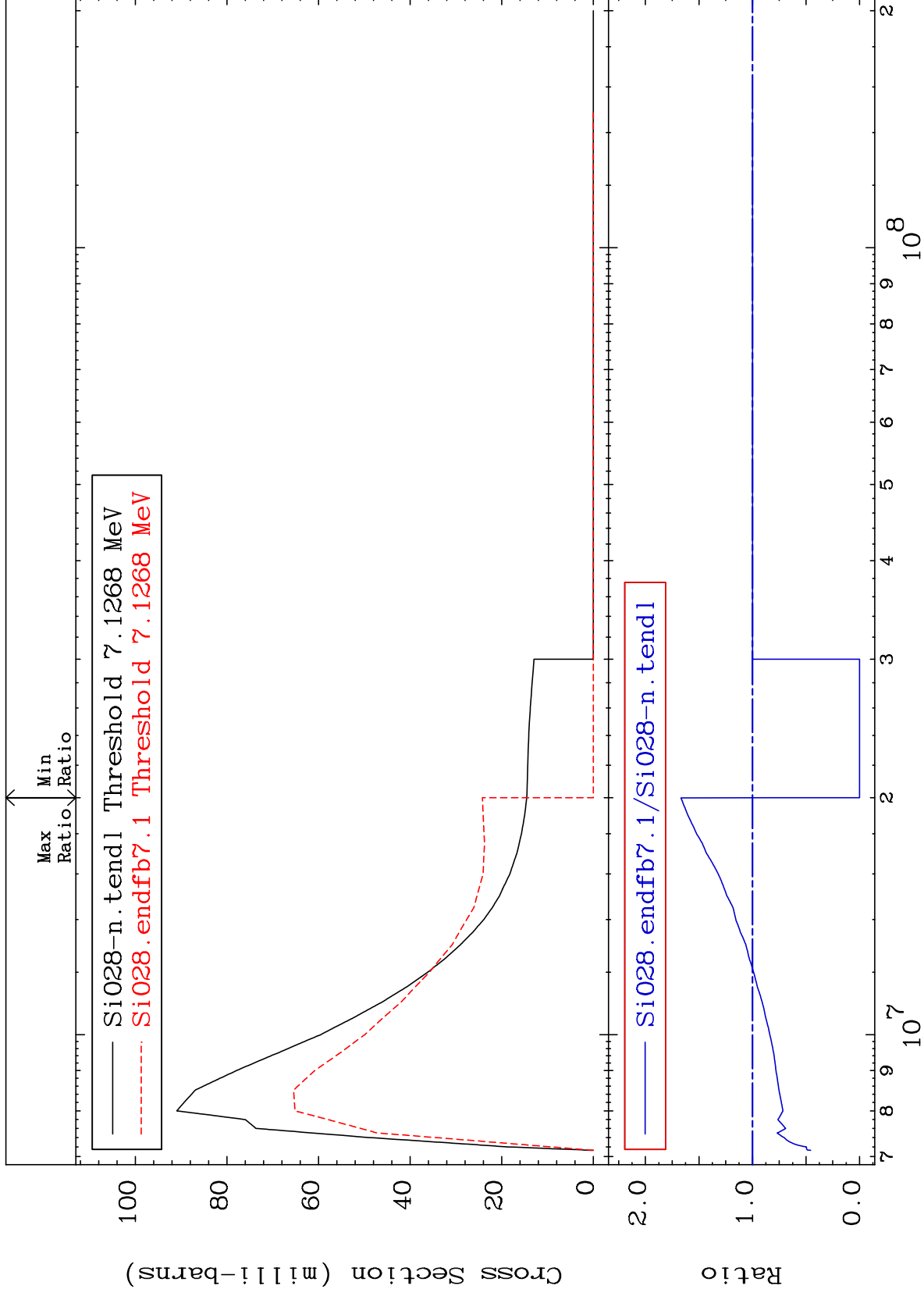
Incident Energy (eV)

14-Si-28

MAT 1425

6.879 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 66.99 %



13

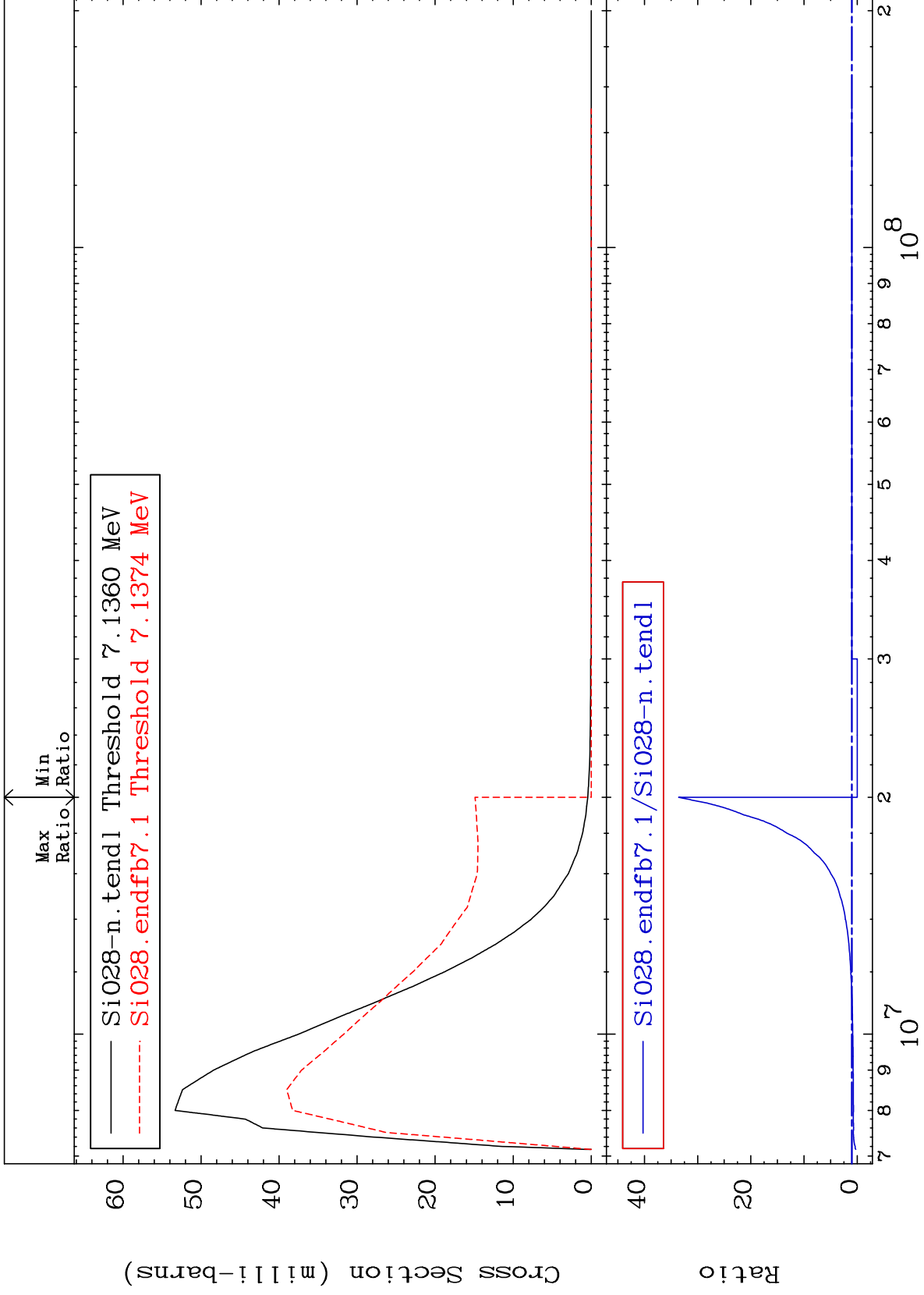
Incident Energy (eV)

14-Si-28

MAT 1425

6.888 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 3257. %



14

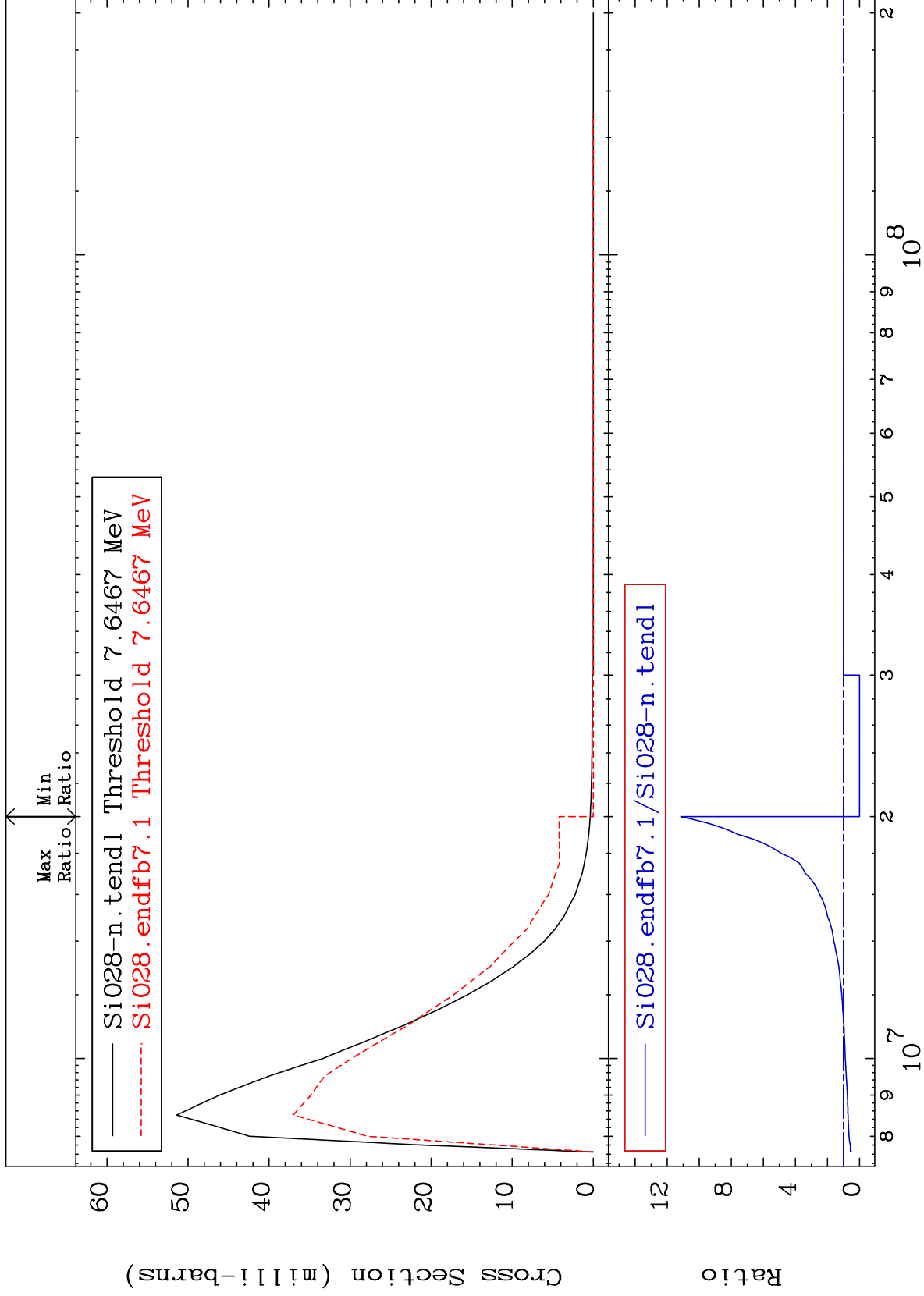
Incident Energy (eV)

14-Si-28

MAT 1425

7.381 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1015. %



15

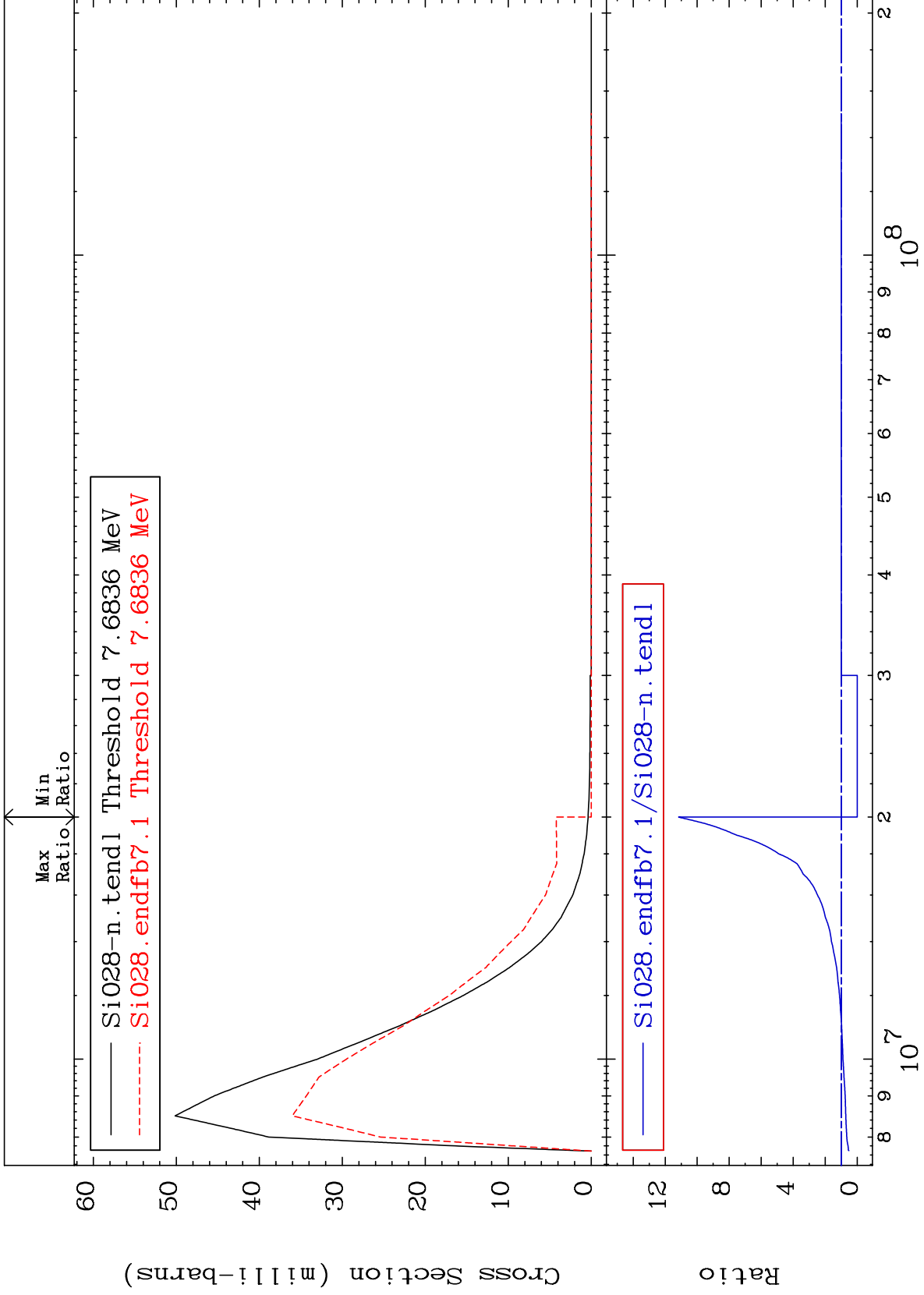
Incident Energy (eV)

14-Si-28

MAT 1425

7.416 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1016. %



16

Incident Energy (eV)

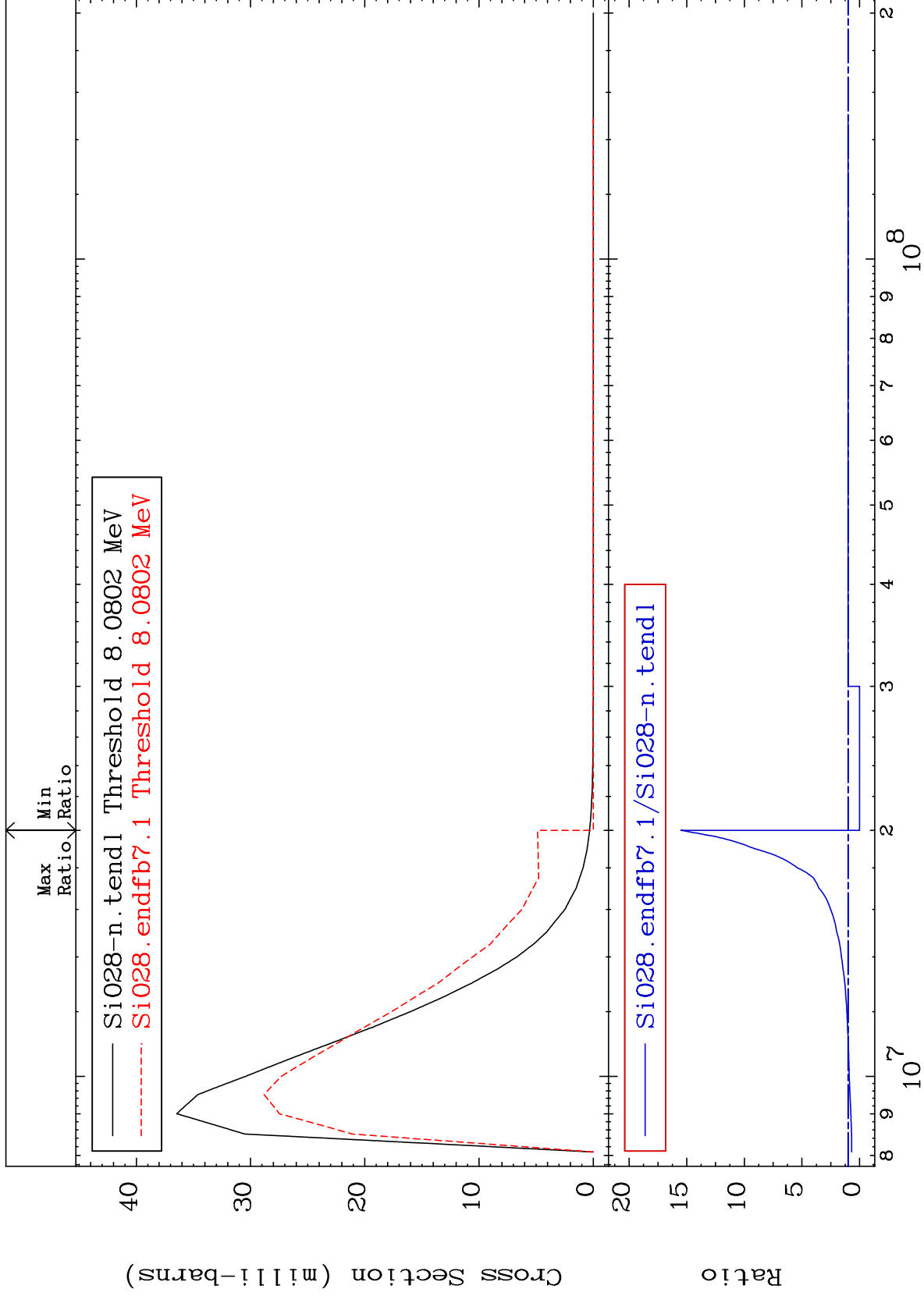
14-Si-28



MAT 1425

7.799 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1452. %



17

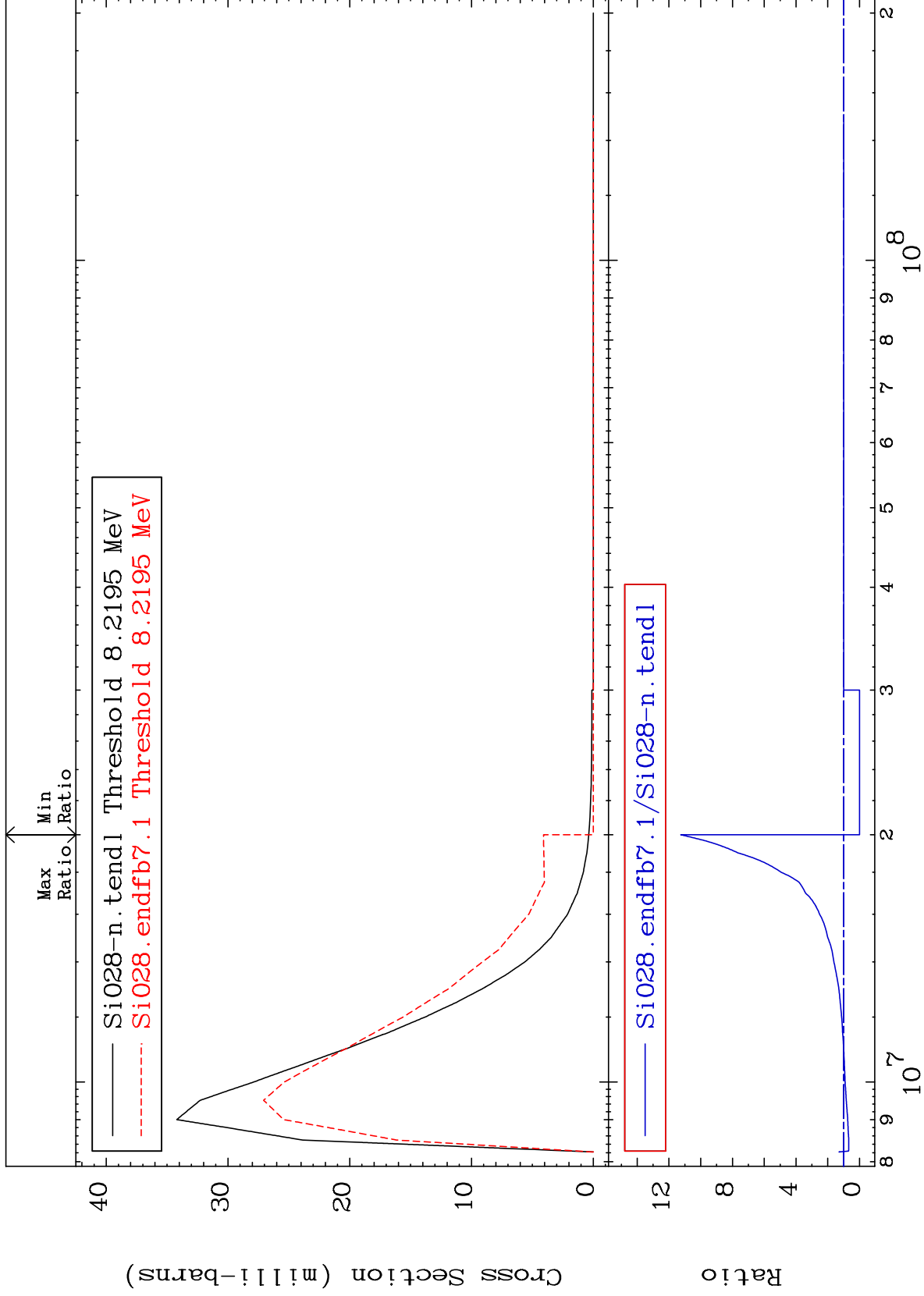
Incident Energy (eV)

14-Si-28

MAT 1425

7.933 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1026. %



18

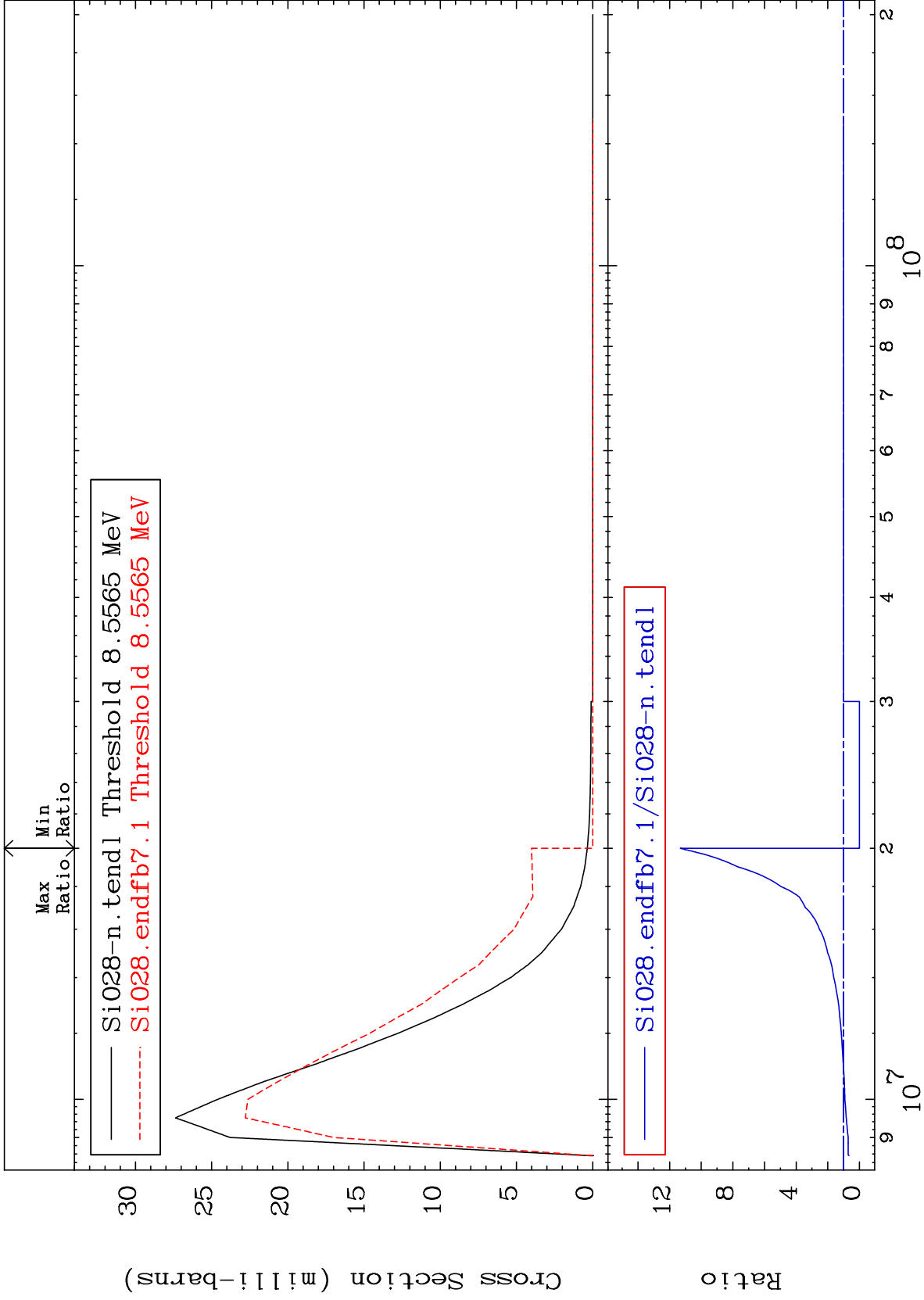
Incident Energy (eV)

14-Si-28

MAT 1425

8.259 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1032. %

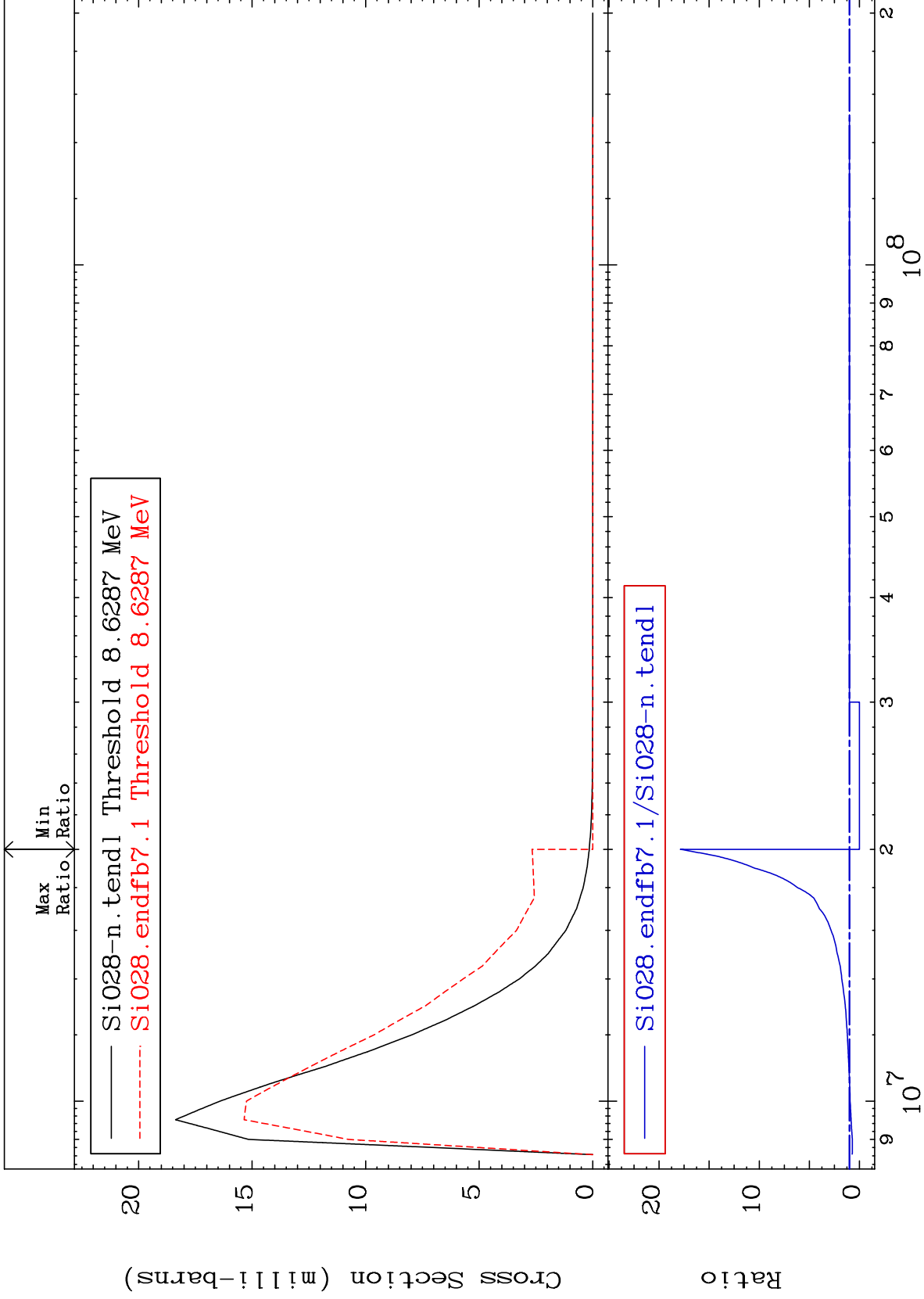


19

MAT 1425

8.328 MeV (n,n') Level  
Cross Section

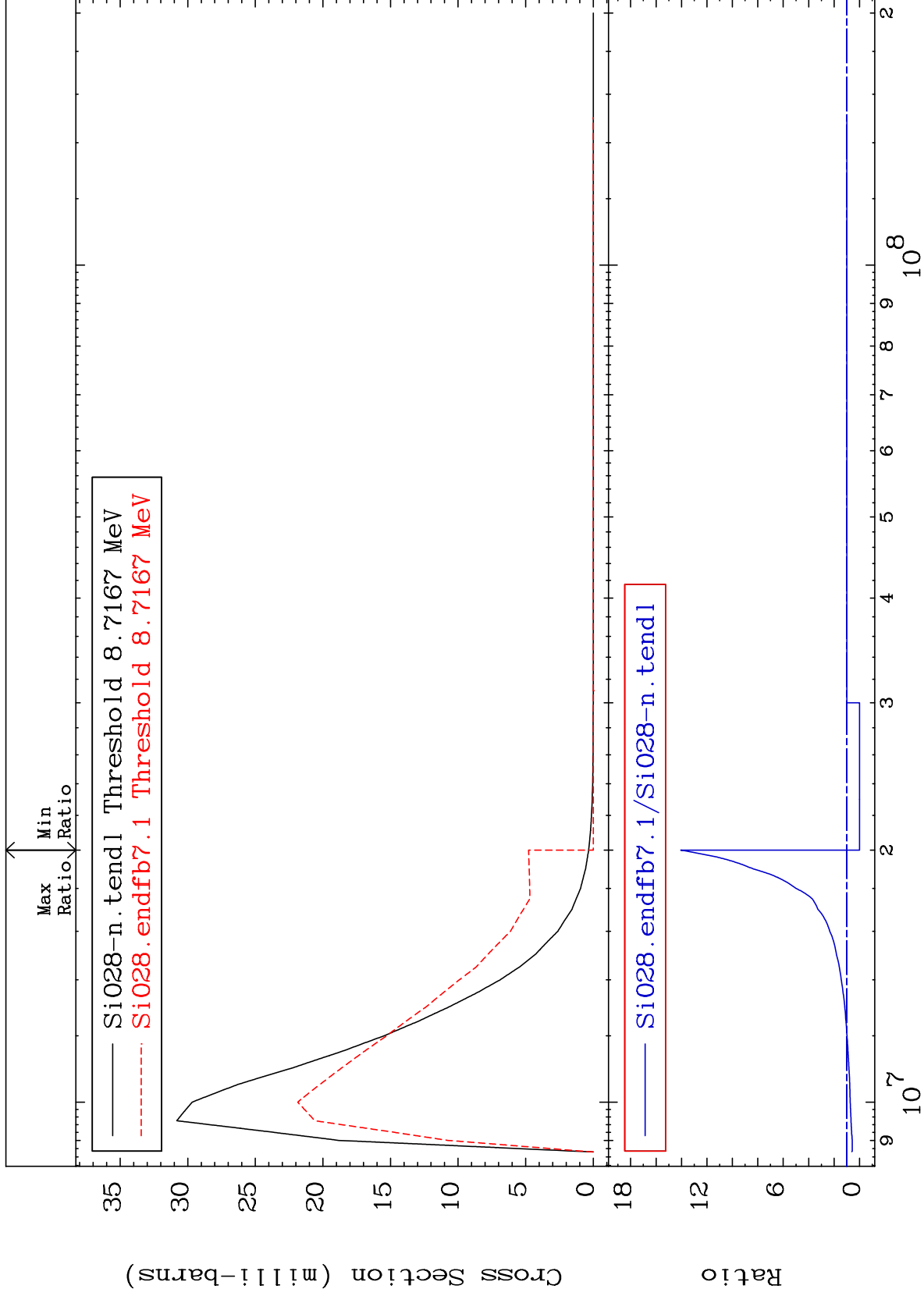
14-Si-28  
-100.0 To 1687. %



MAT 1425

8.413 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1306. %



21

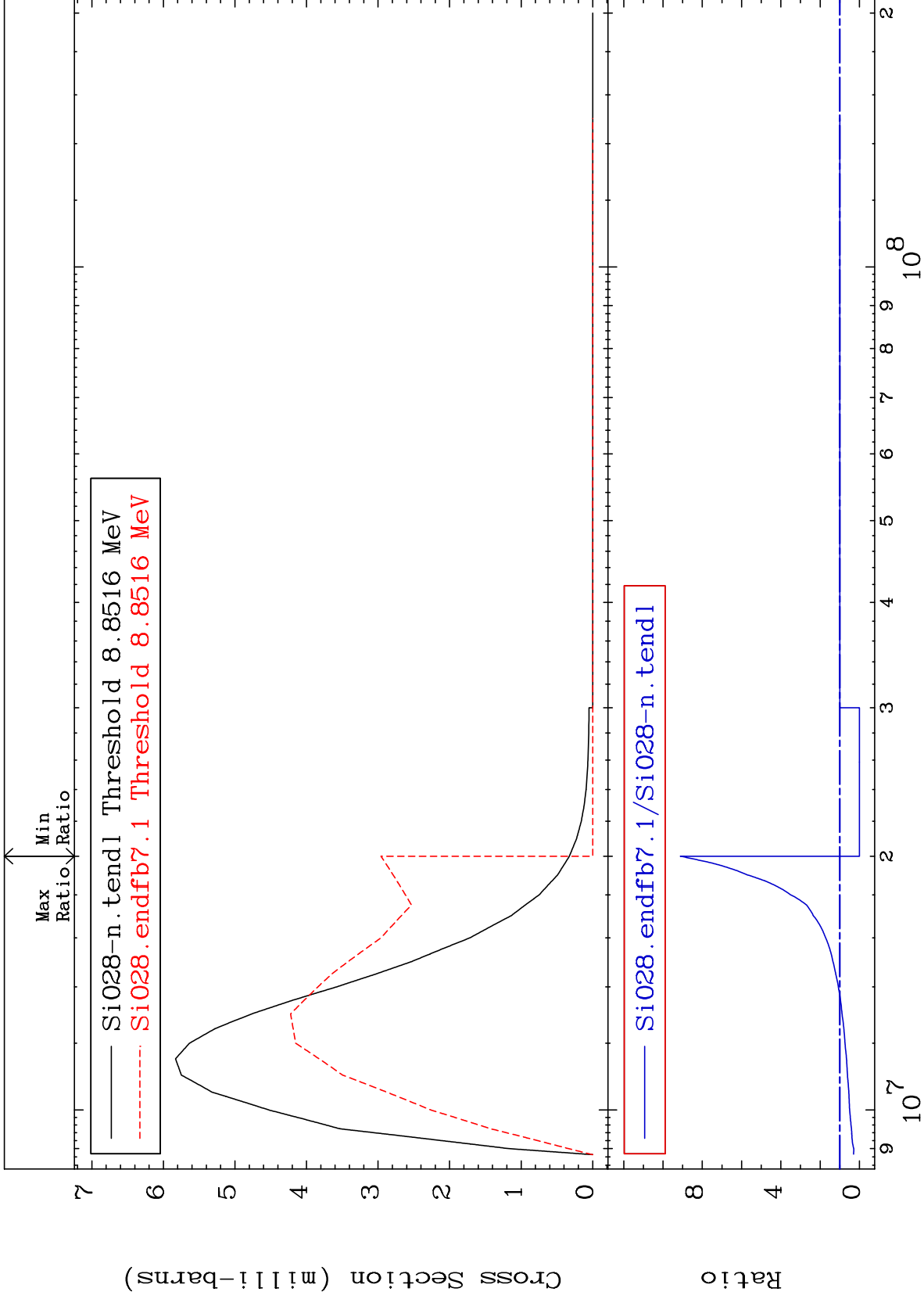
Incident Energy (eV)

14-Si-28

MAT 1425

8.544 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 811.6 %



22

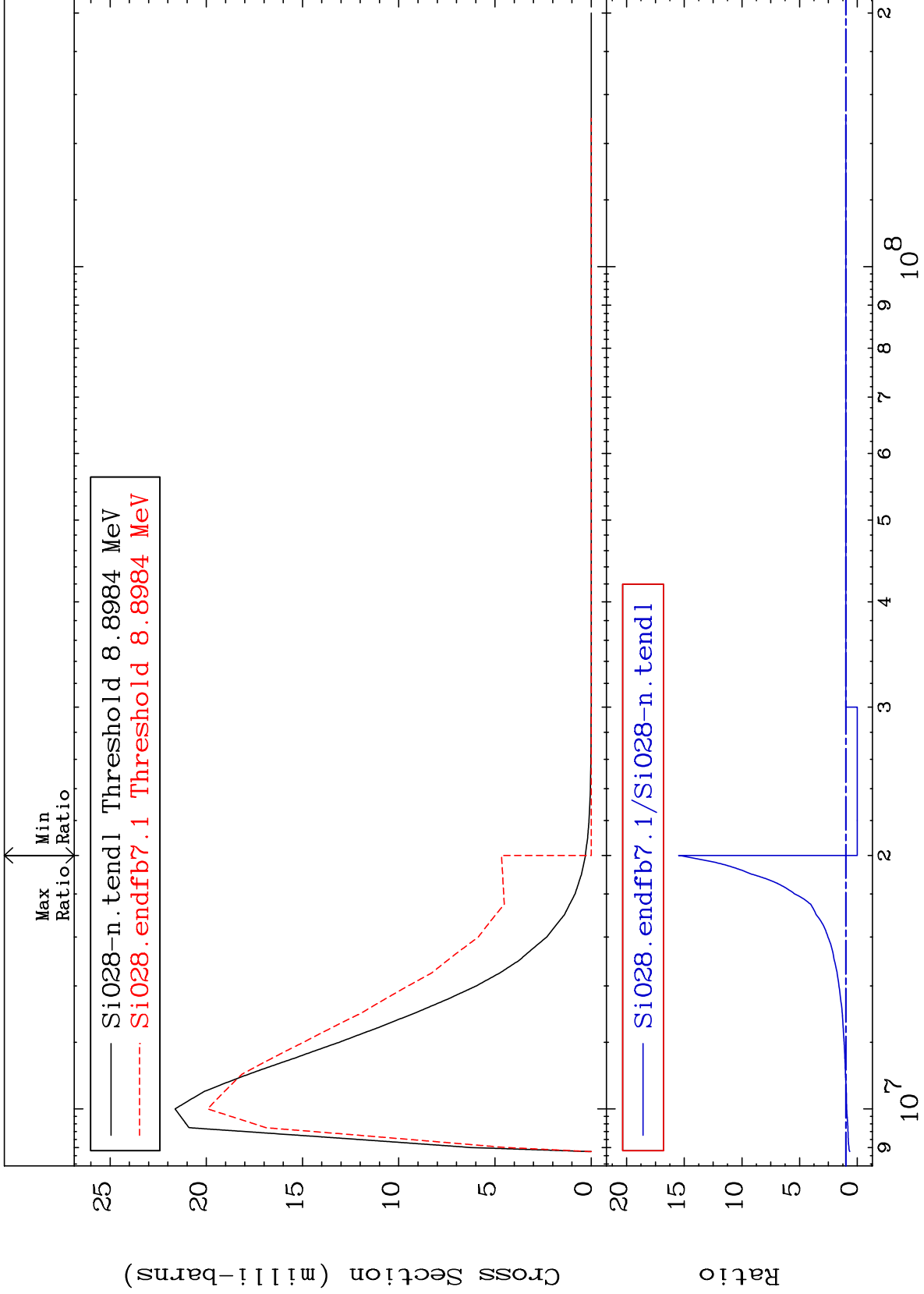
Incident Energy (eV)

14-Si-28

MAT 1425

8.589 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 1449. %

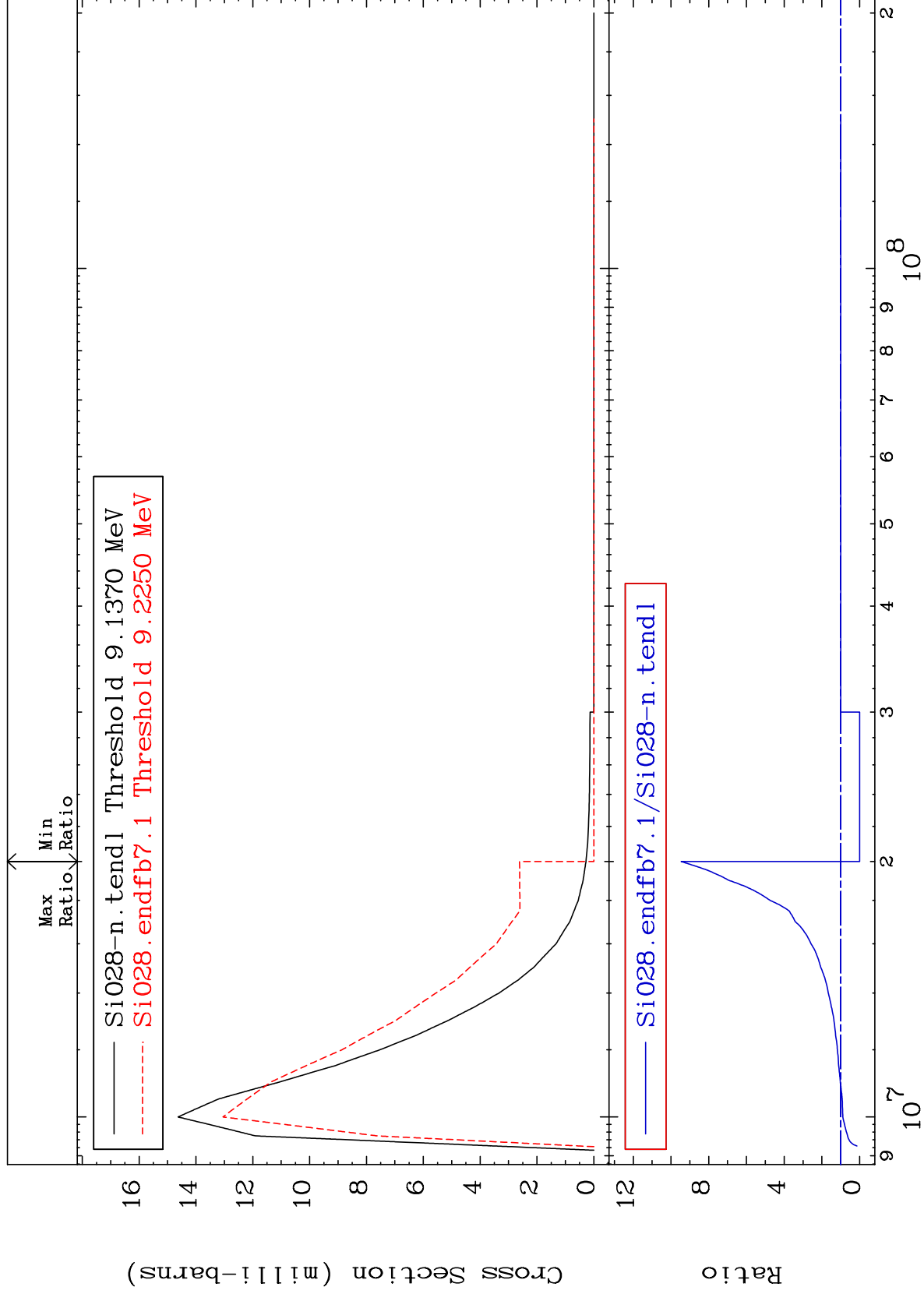


23

MAT 1425

8.819 MeV (n,n') Level  
Cross Section

14-Si-28  
-100.0 To 845.9 %



24

Incident Energy (eV)

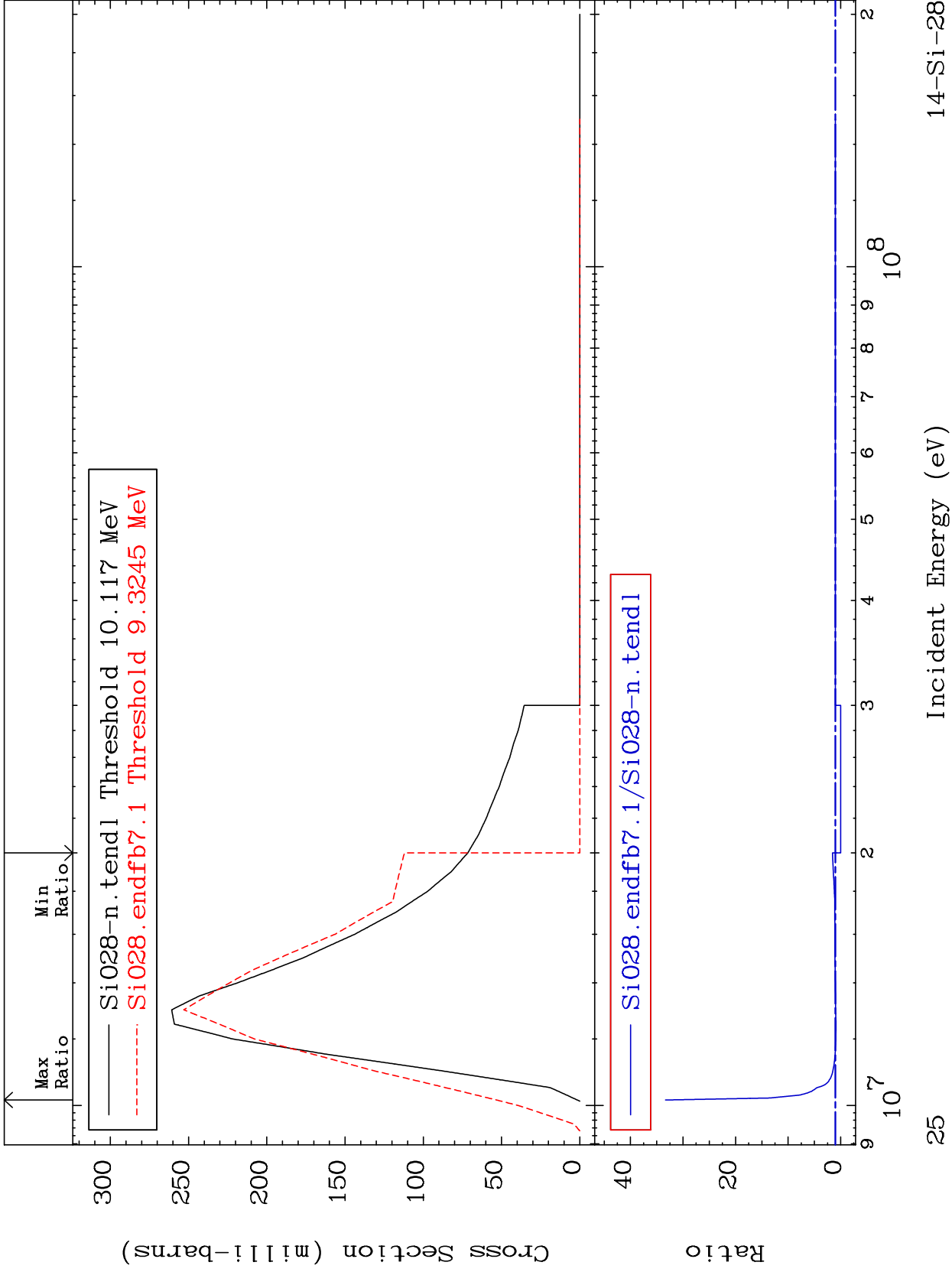
14-Si-28



MAT 1425

(n, n') Continuum  
Cross Section

<sup>14</sup>Si-28  
-100.0 To 3233. %

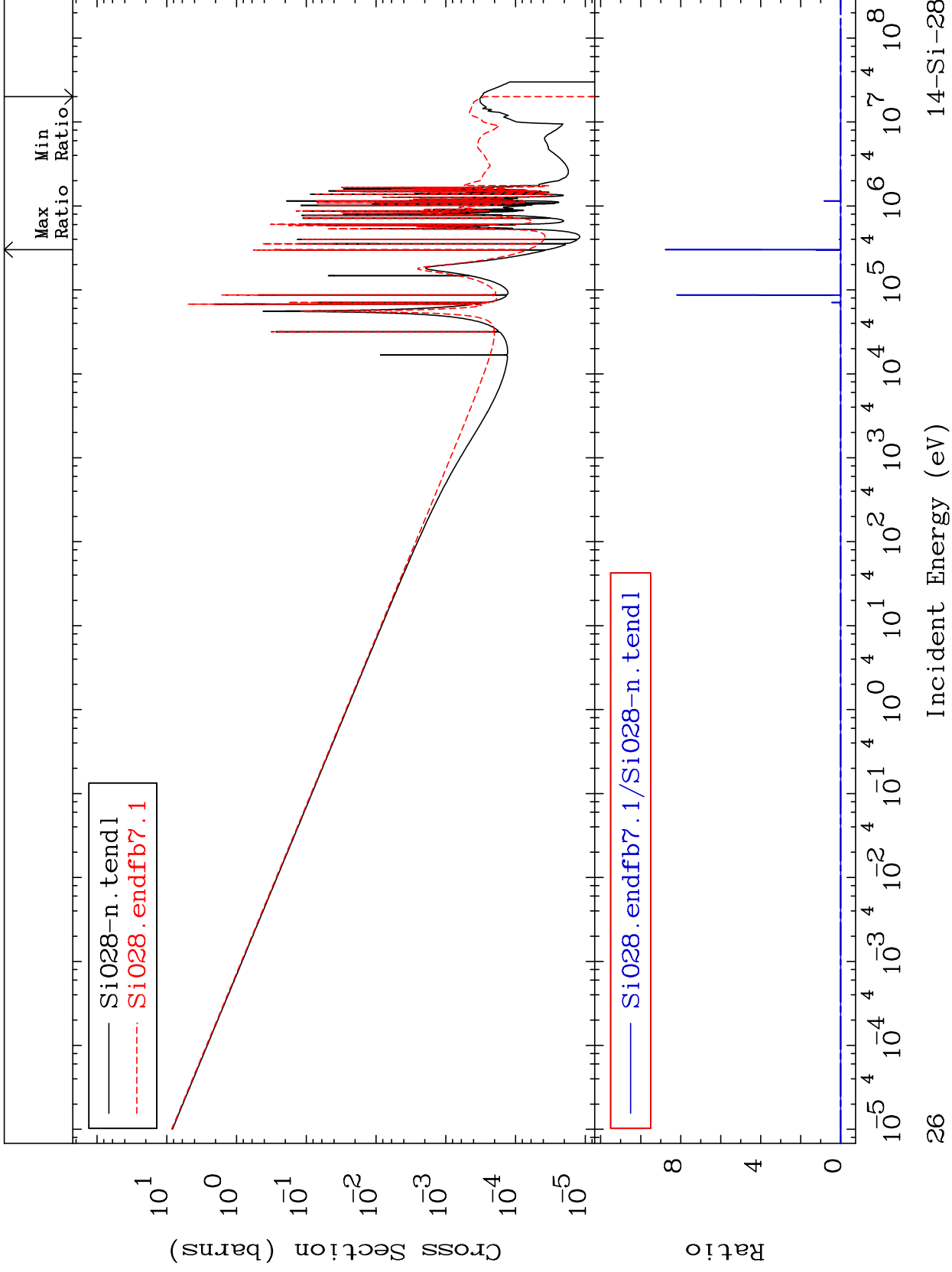


MAT 1425

(n,  $\gamma$ )

Cross Section

14-Si-28  
-100.0 To 9999. %



26

Incident Energy (eV)

14-Si-28

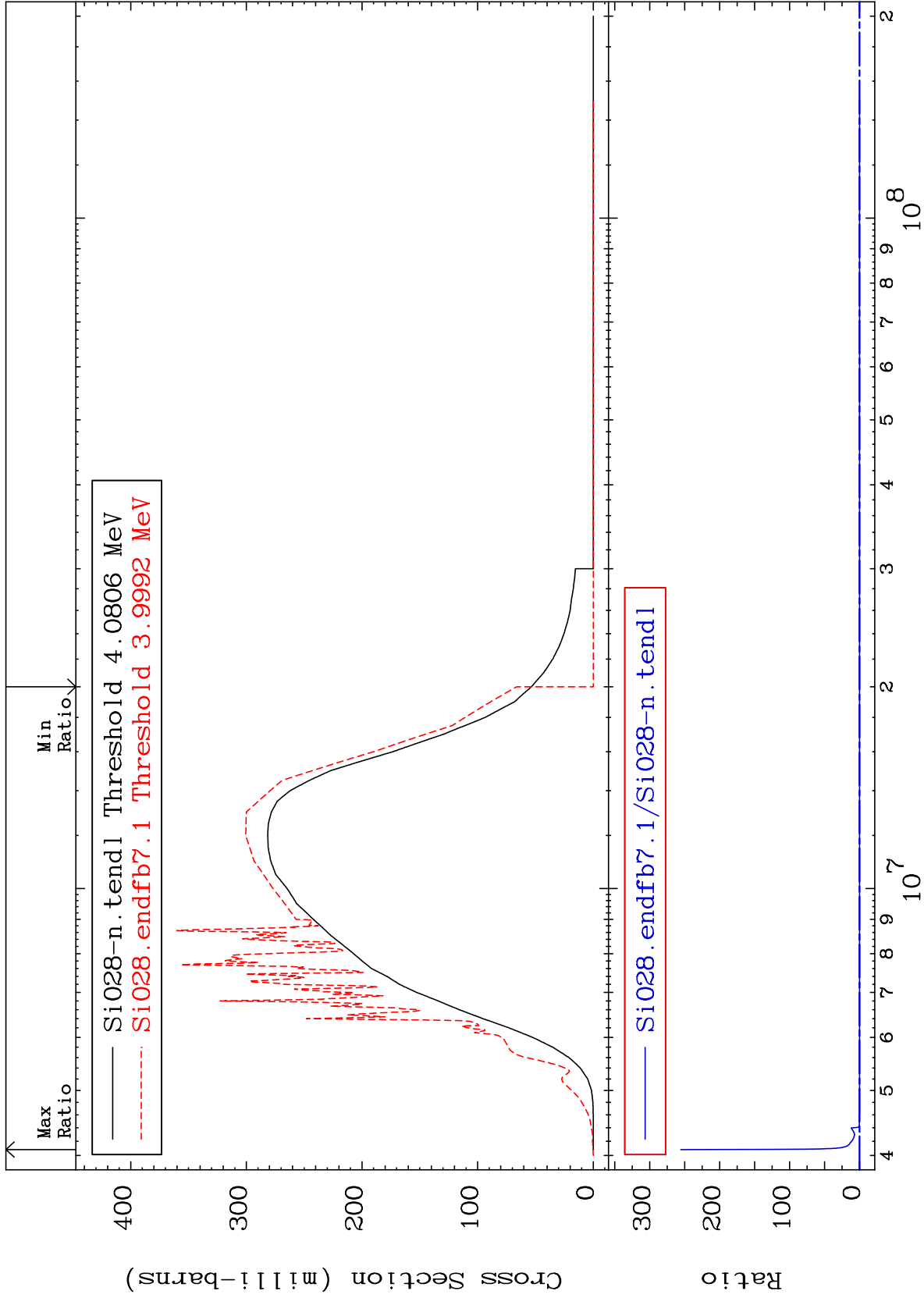
MAT 1425

(n,p)

14-Si-28

Cross Section

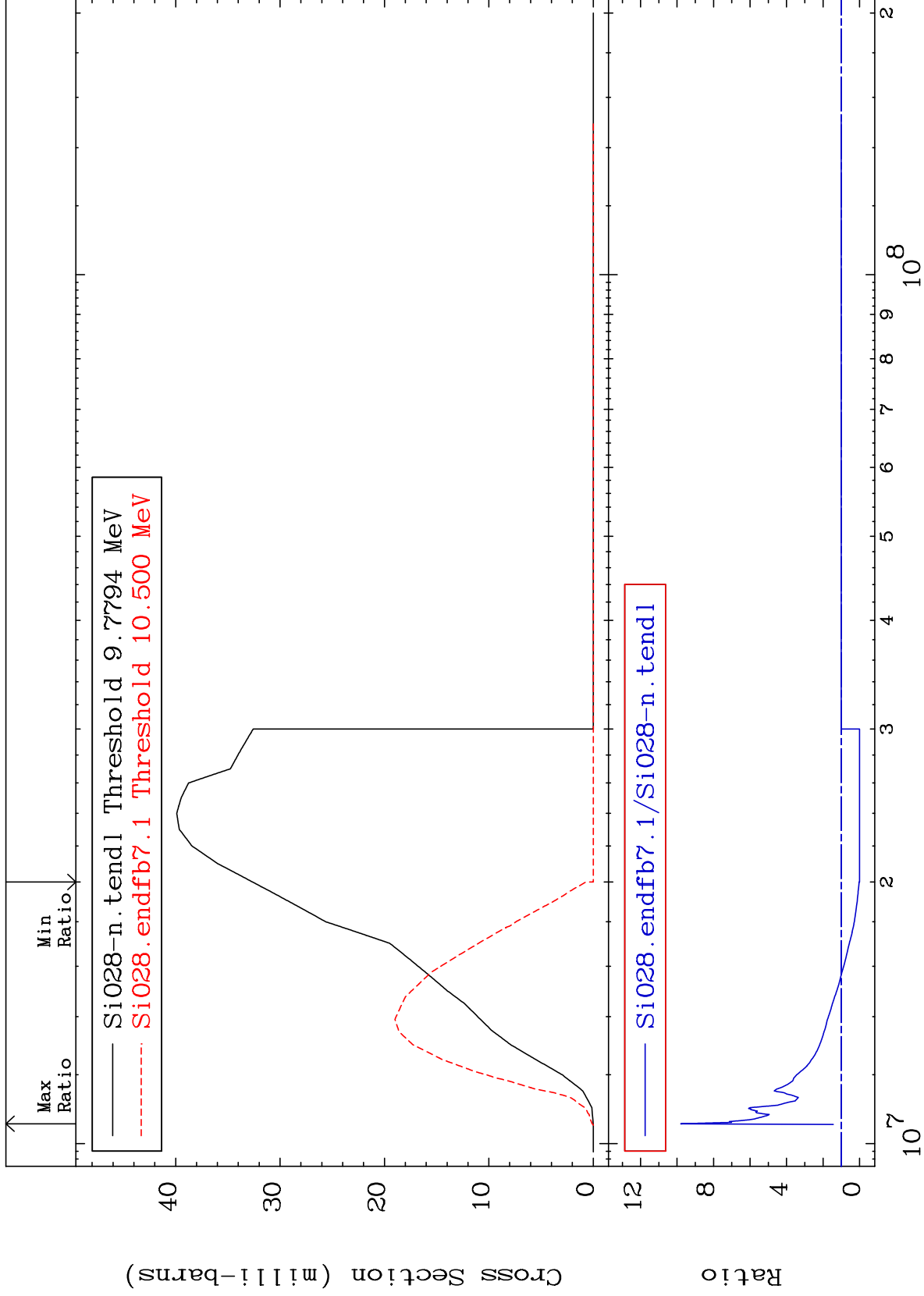
-100.0 To 9999. %



MAT 1425

(n, d)  
Cross Section

14-Si-28  
-100.0 To 879.8 %



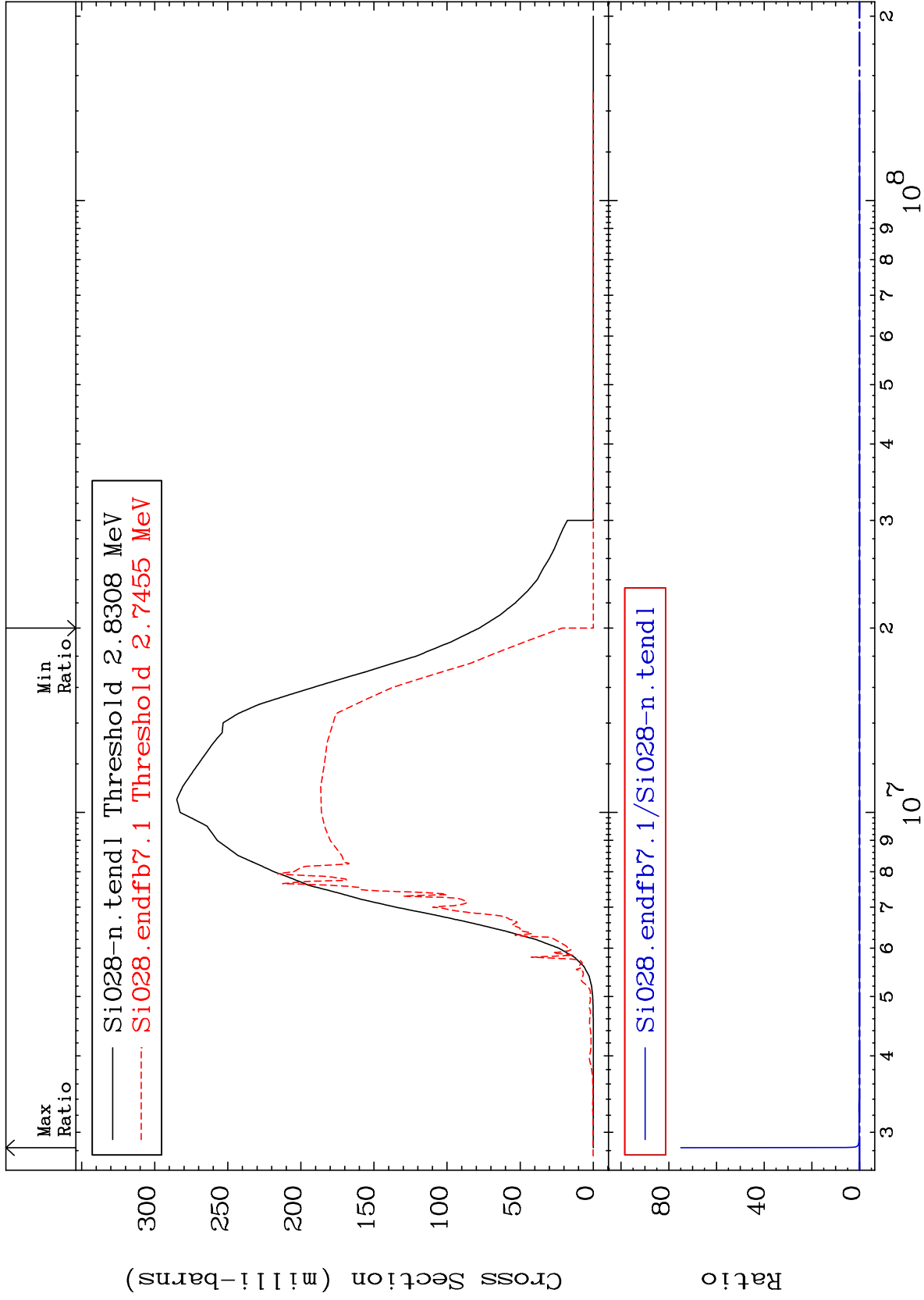
MAT 1425

(n,  $\alpha$ )

<sup>14</sup>Si-28

Cross Section

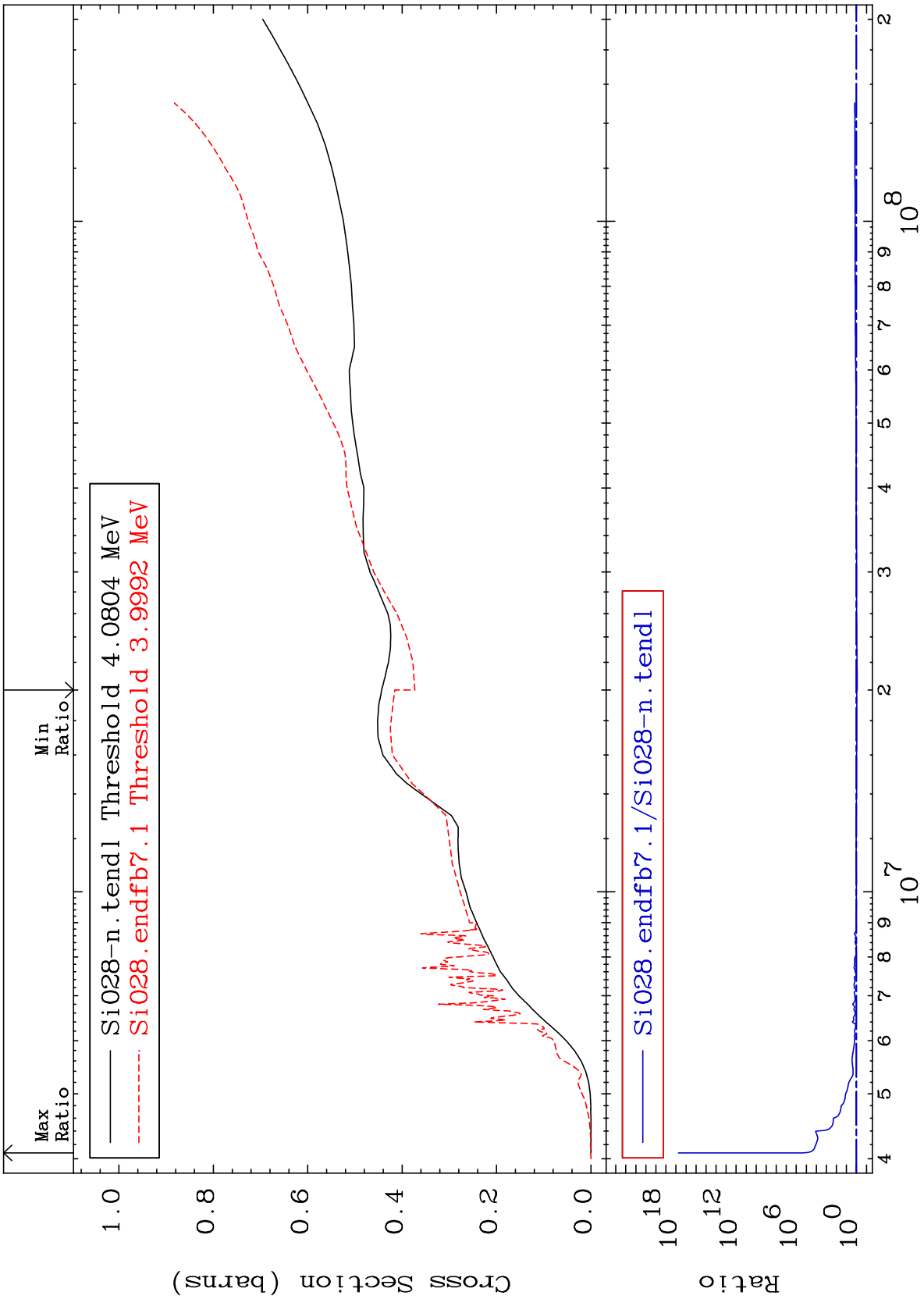
-100.0 To 9999. %



29

Incident Energy (eV)

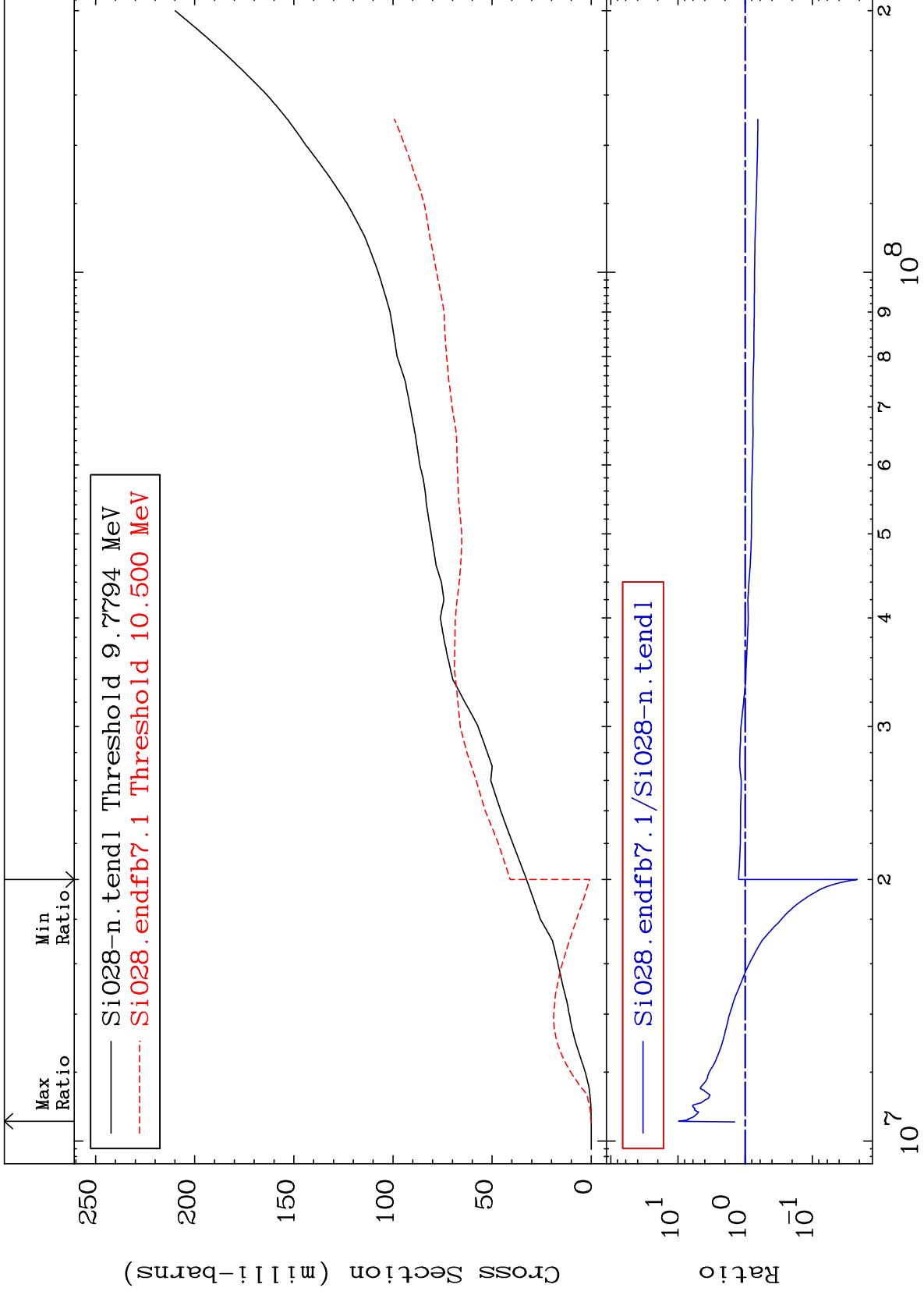
<sup>14</sup>Si-28



MAT 1425

Deuterium Production  
Cross Section

14-Si-28  
-97.86 To 879.8 %



31

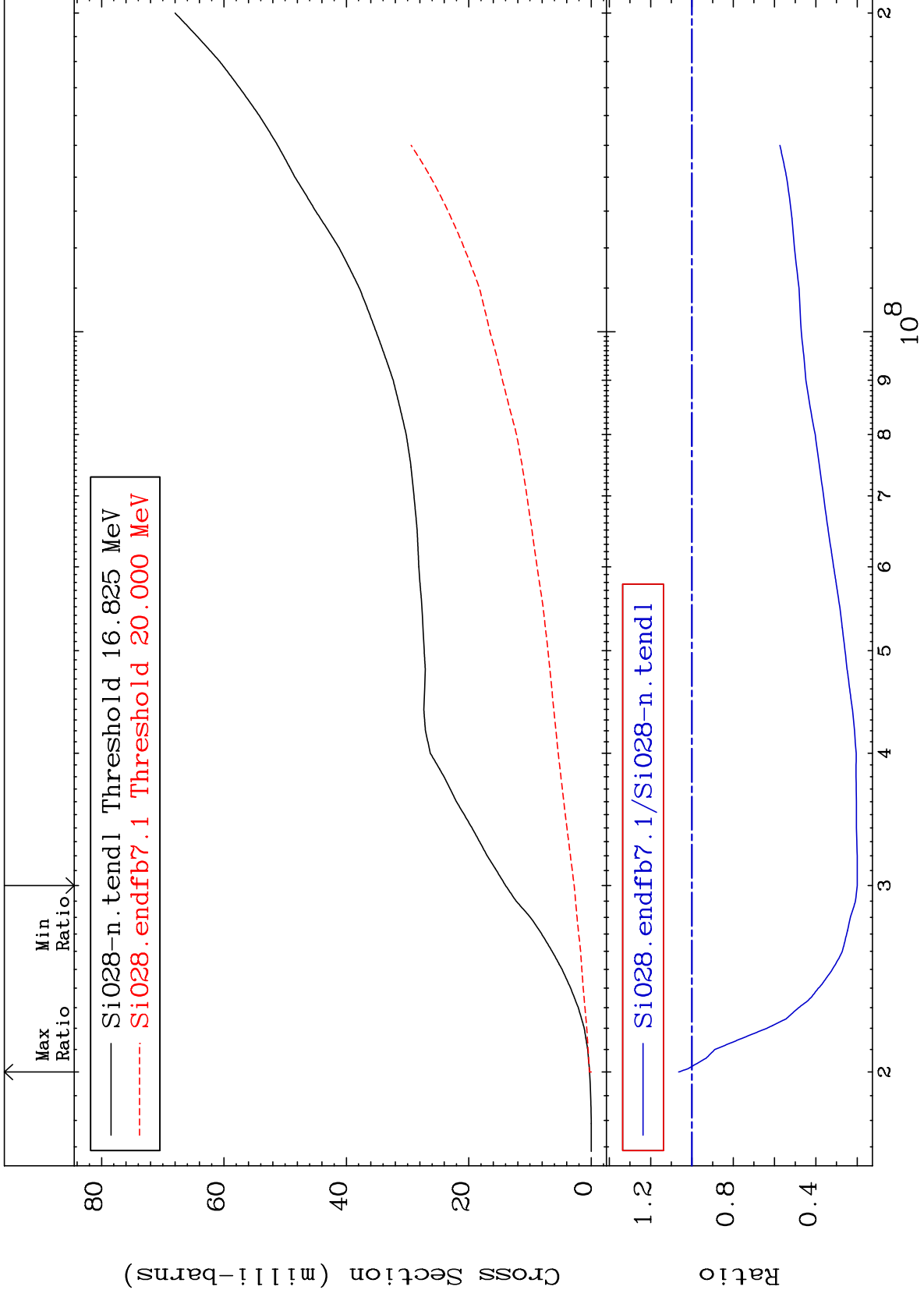
Incident Energy (eV)

14-Si-28

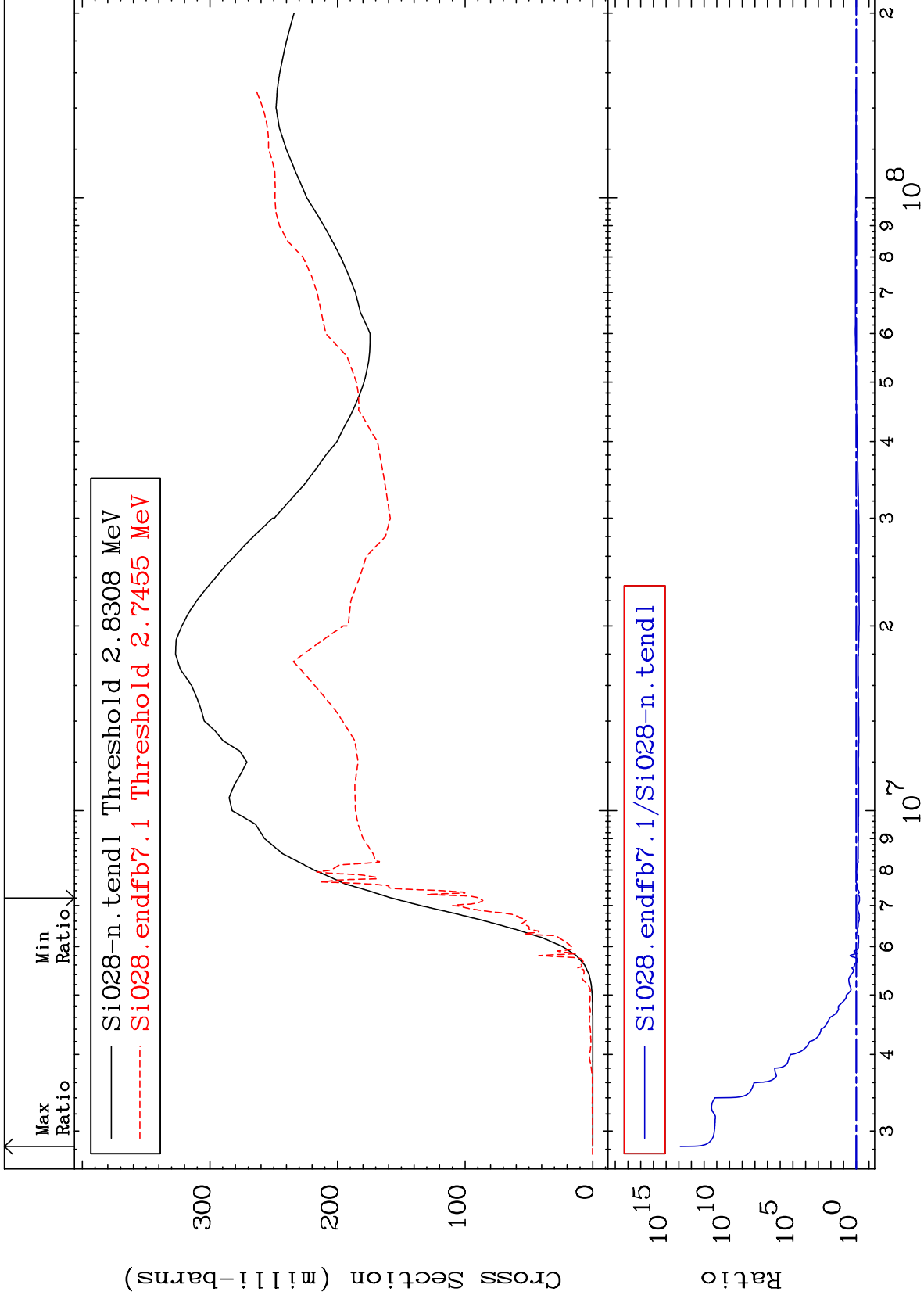
MAT 1425

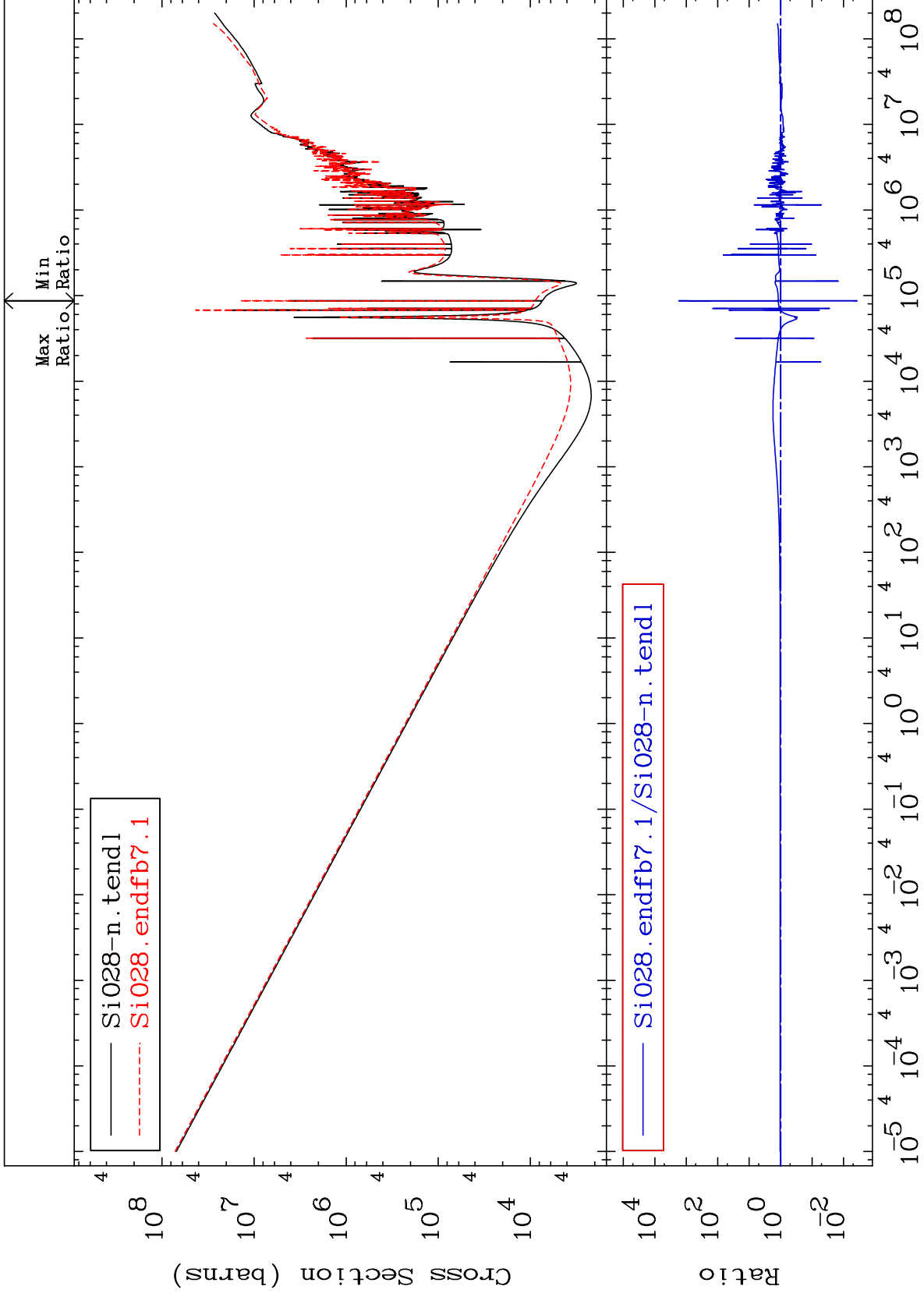
Tritium Production  
Cross Section

<sup>14</sup>Si-28  
-80.03 To 6.445 %





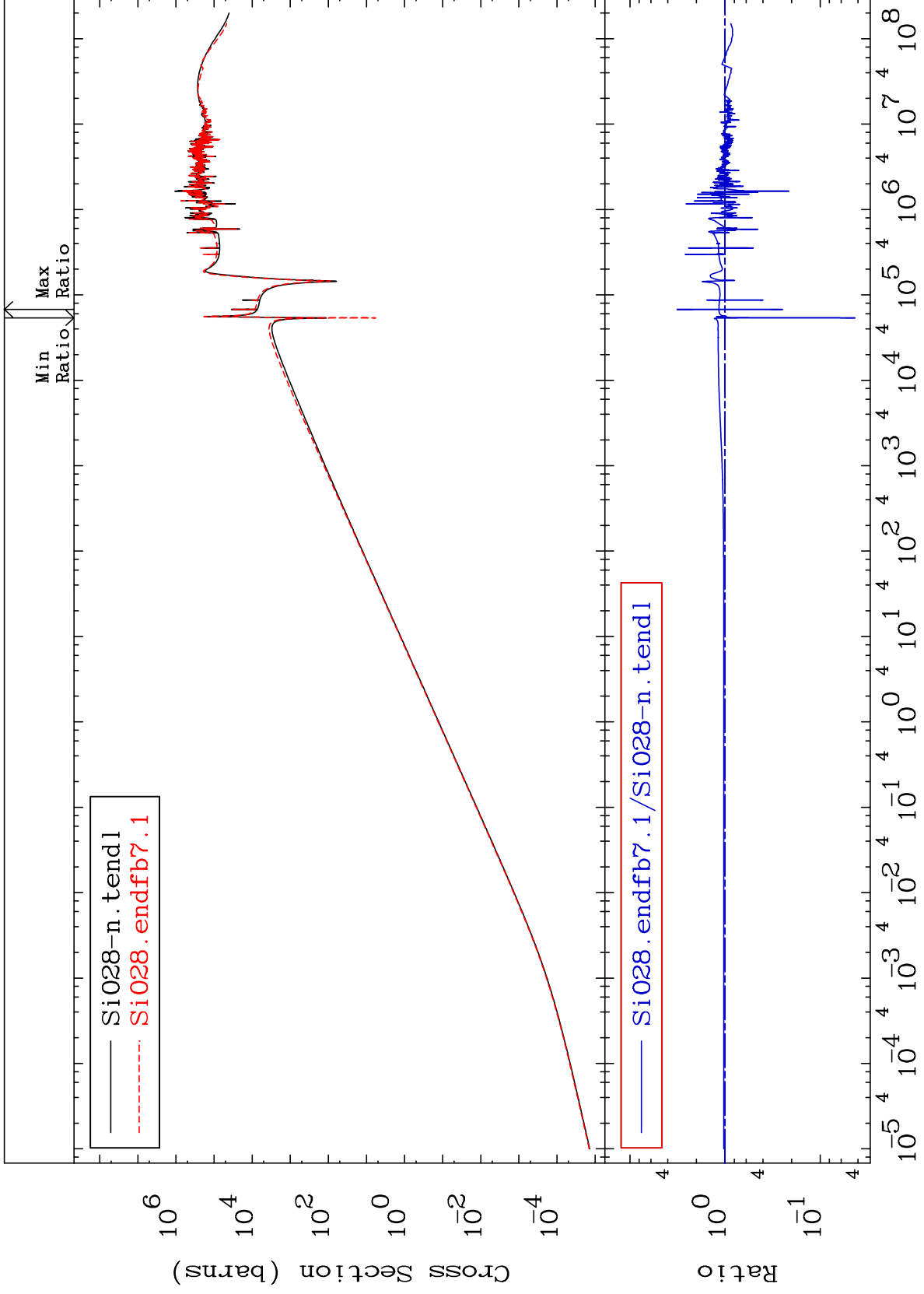


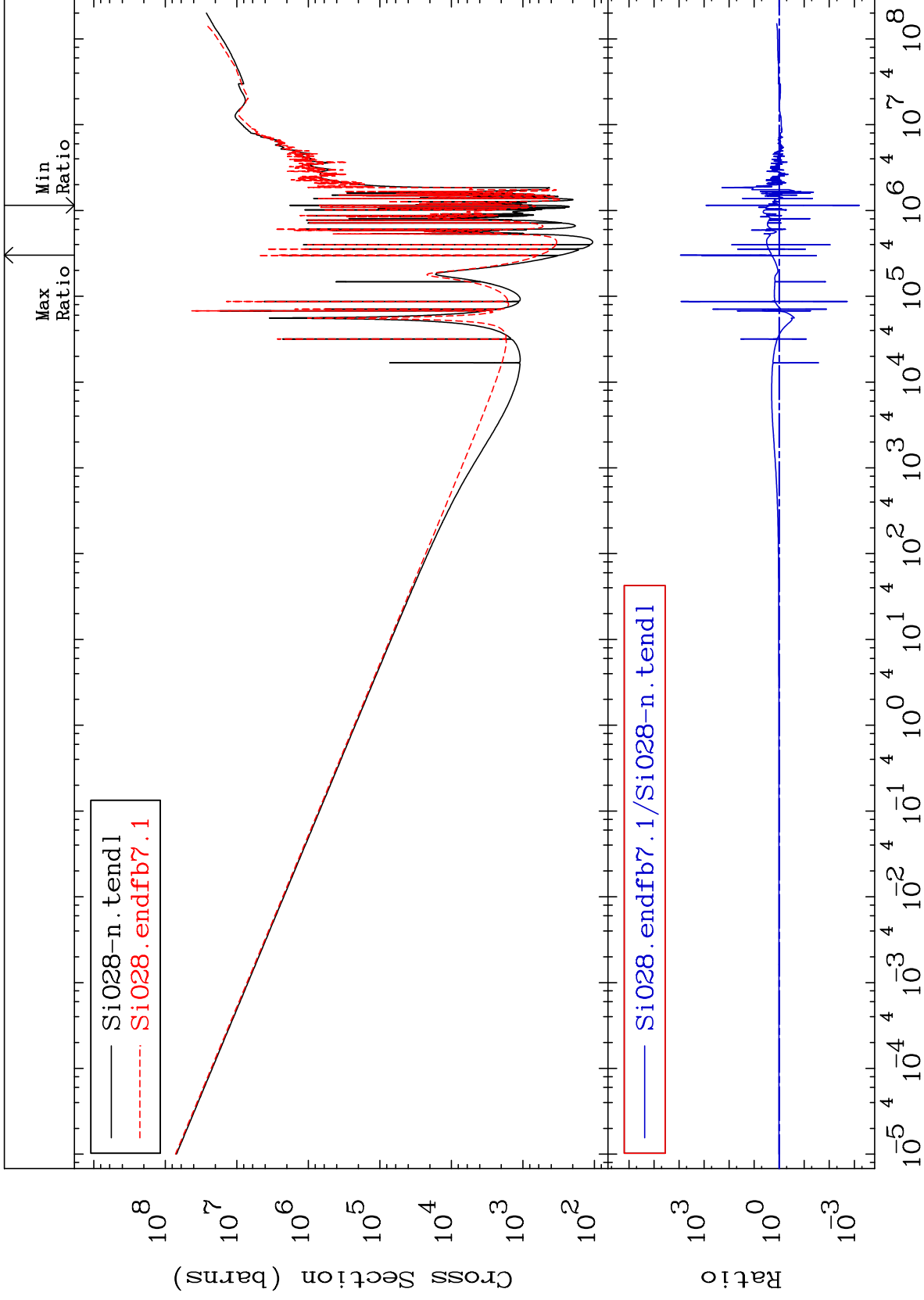


MAT 1425

Kerma elastic  
Cross Section

14-Si-28  
-95.70 To 220.5 %

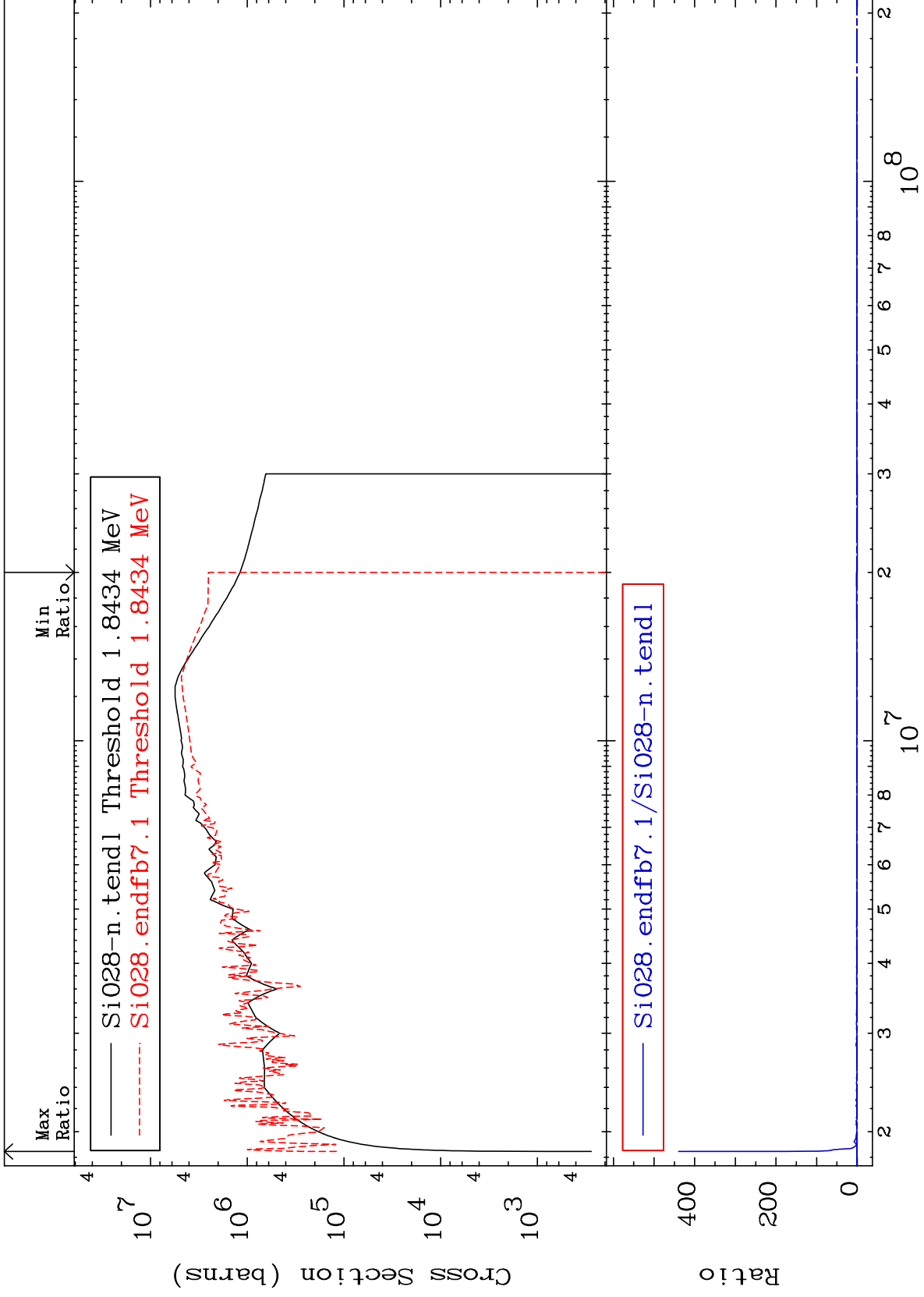




MAT 1425

Kerma inelastic (mt51-91)  
Cross Section

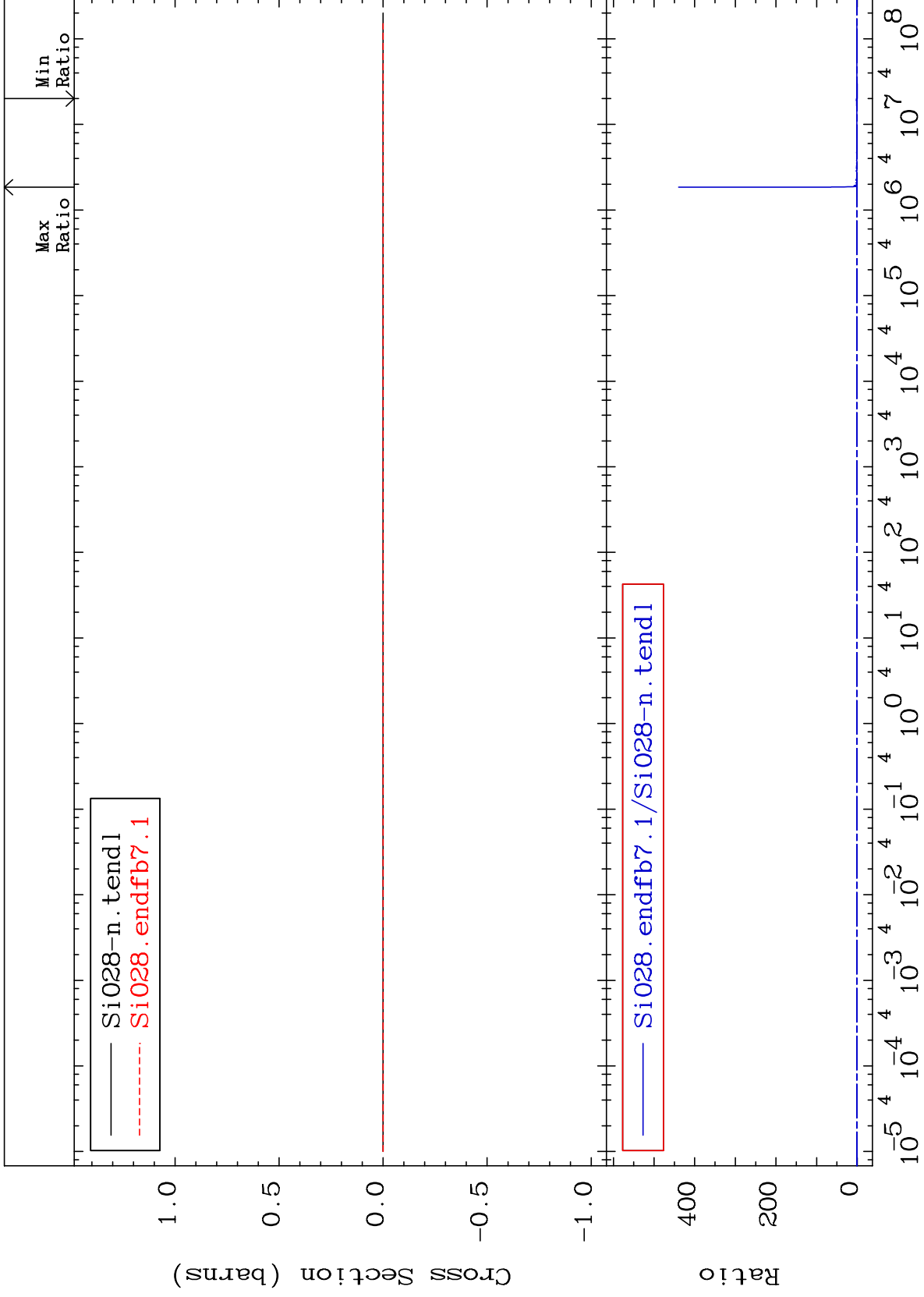
14-Si-28  
-100.0 To 9999. %



MAT 1425

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

14-Si-28  
-100.0 To 9999. %



38

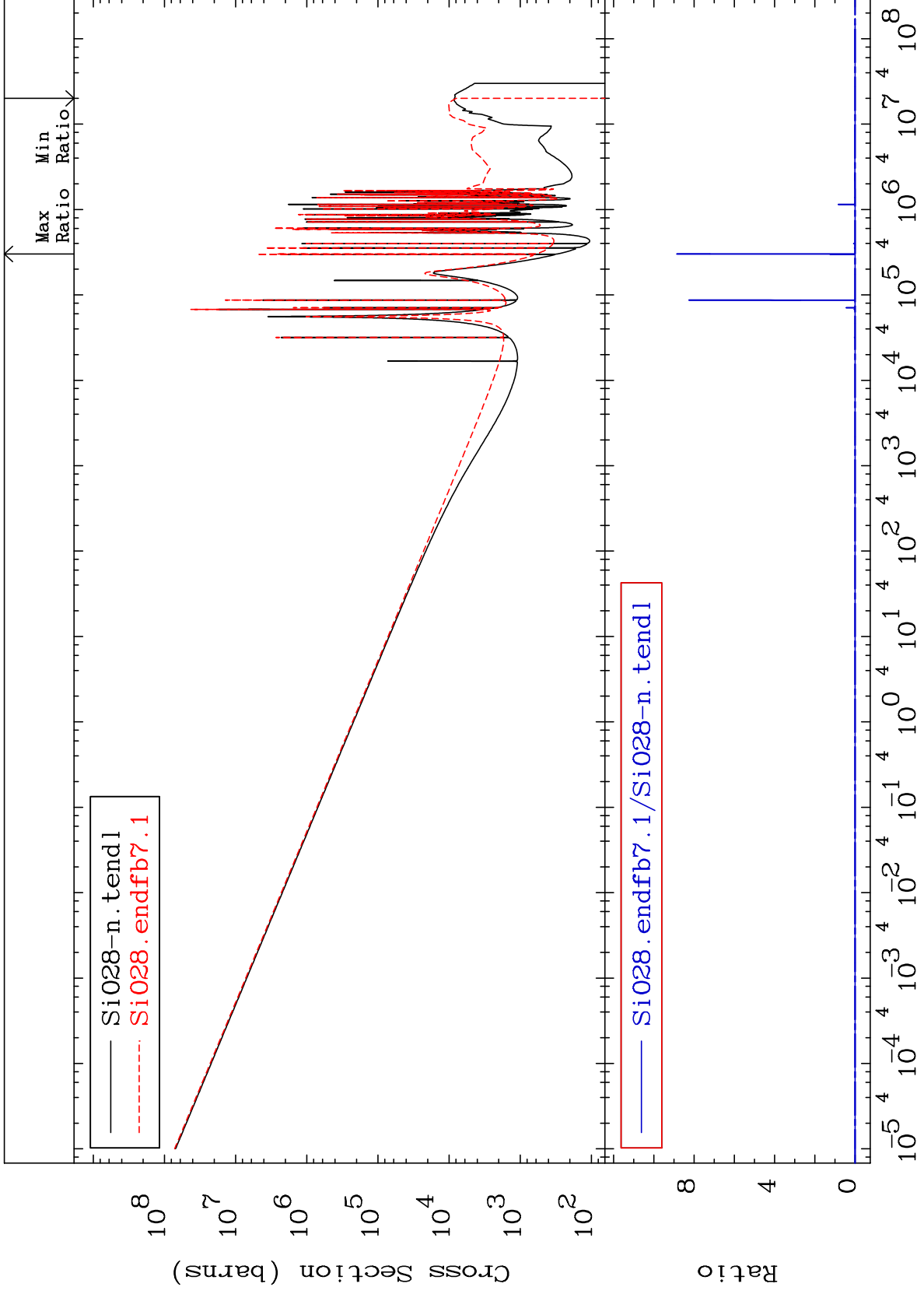
Incident Energy (eV)

14-Si-28

MAT 1425

Kerma capture (mt102)  
Cross Section

14-Si-28  
-100.0 To 9999. %



39

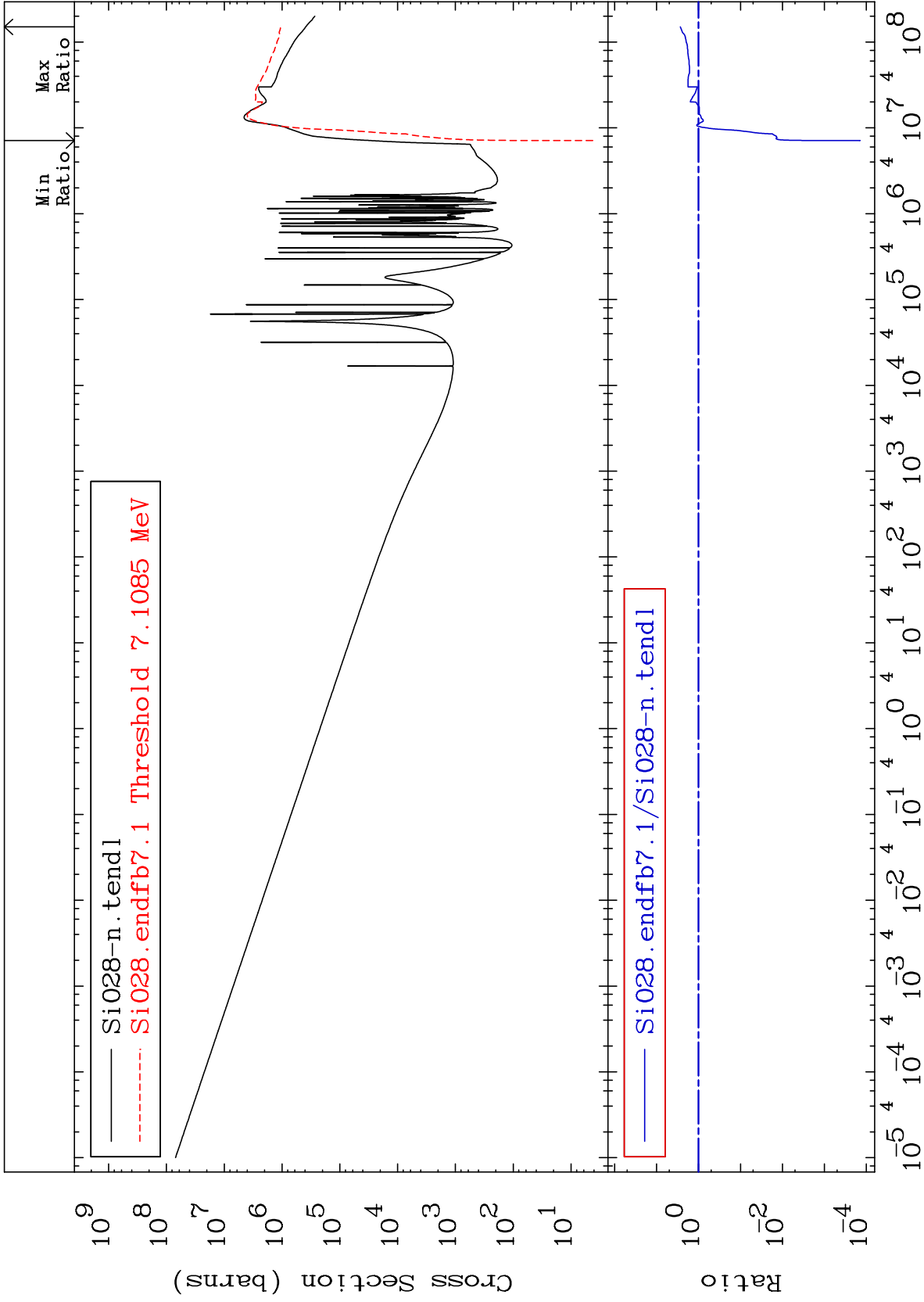
Incident Energy (eV)

14-Si-28

MAT 1425

Total photon (eV-barns)  
Cross Section

14-Si-28  
-99.99 To 171.0 %

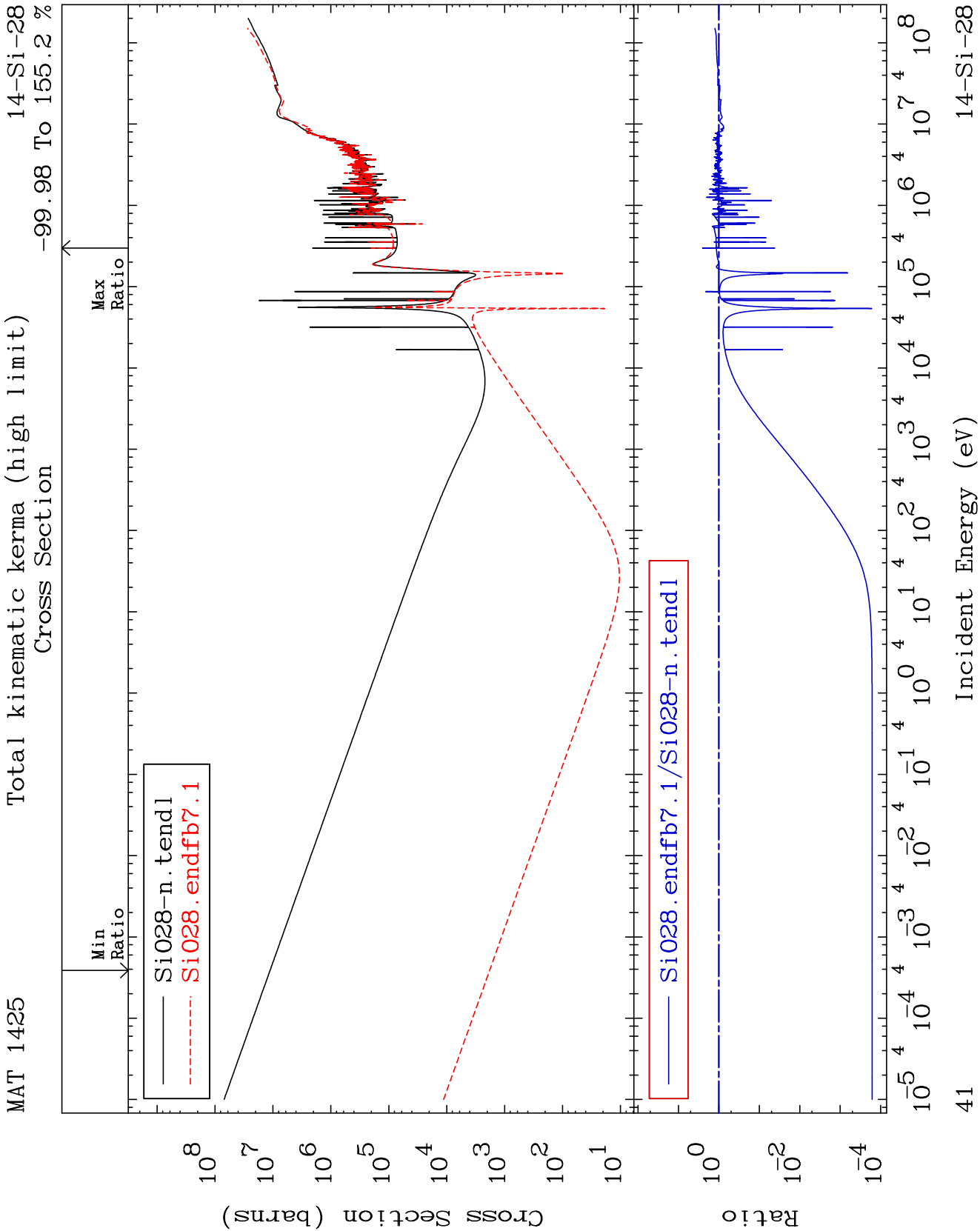


40

Incident Energy (eV)

14-Si-28





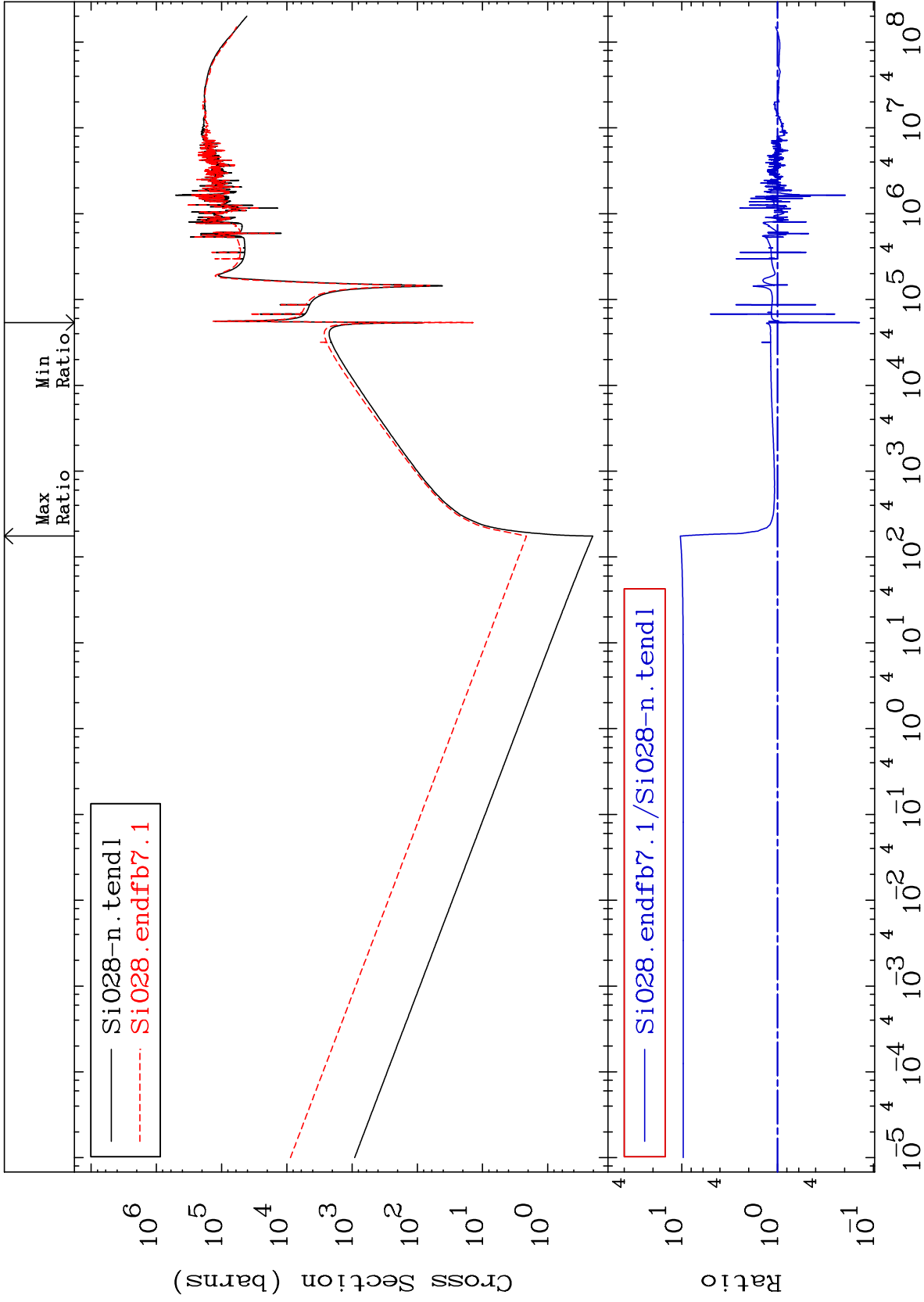
MAT 1425

Dpa total (eV-barns)

14-Si-28

Cross Section

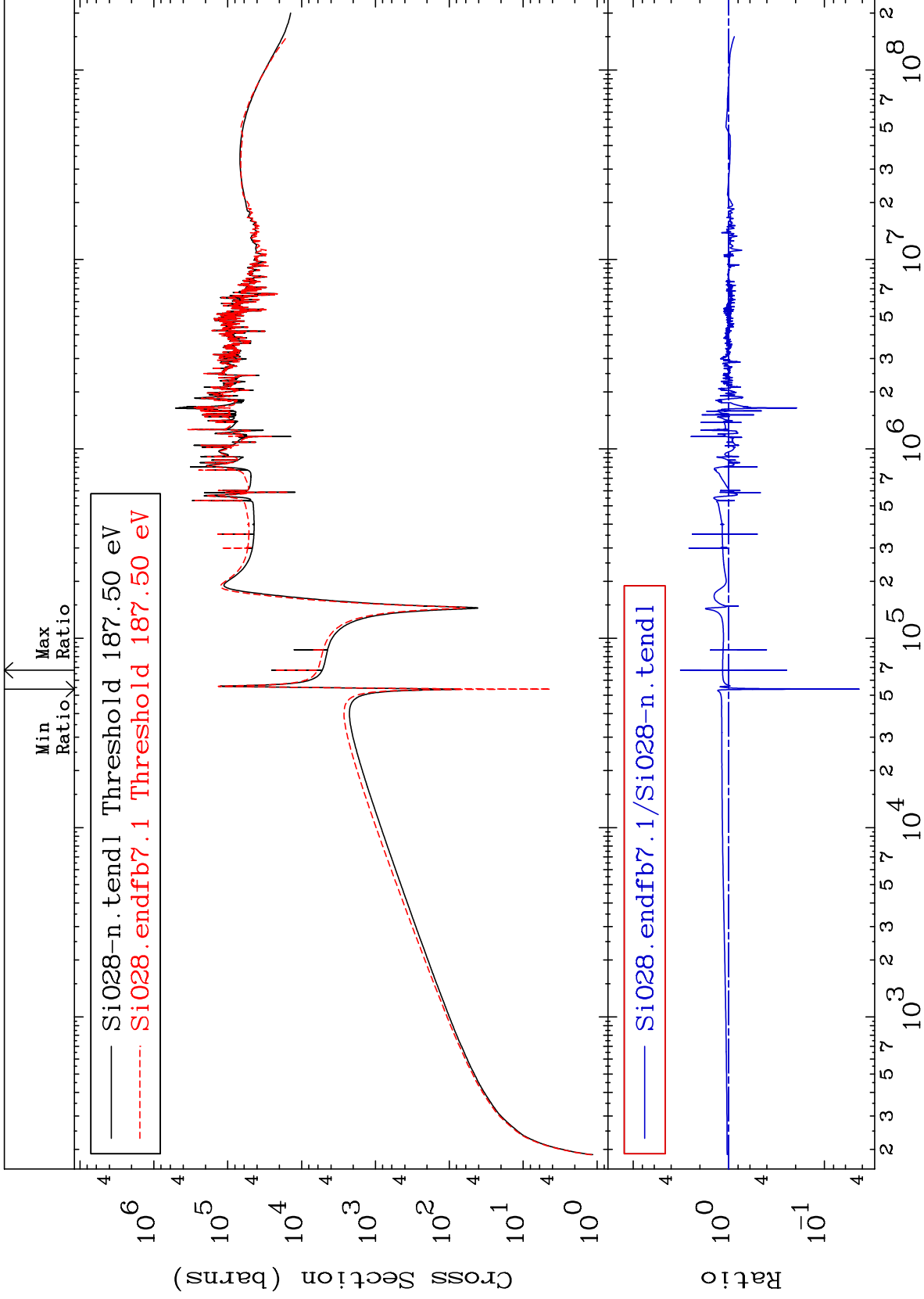
-86.02 To 935.2 %



42

Incident Energy (eV)

14-Si-28



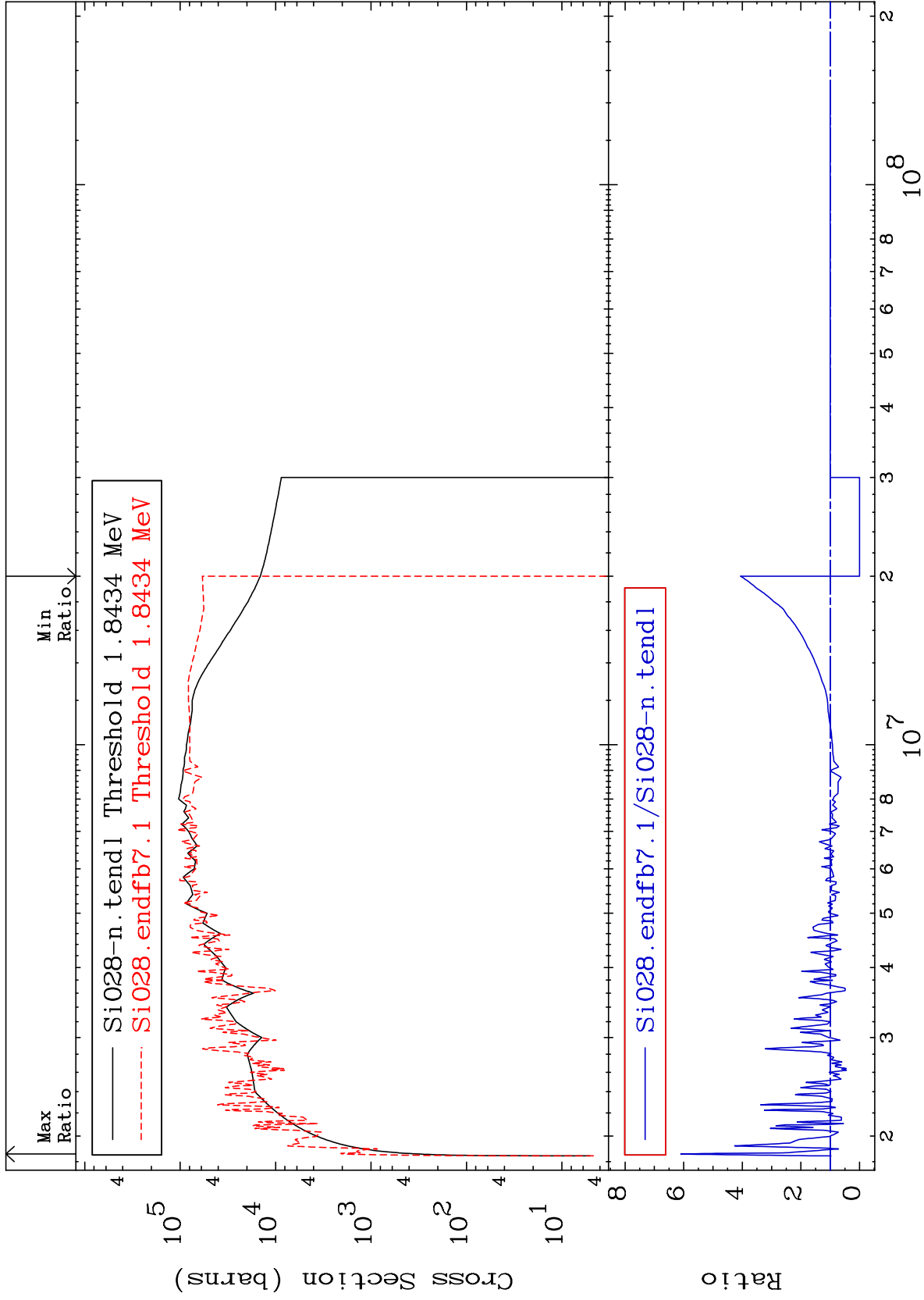
MAT 1425

Dpa inelastic (mt51-91)

14-Si-28

-100.0 To 510.0 %

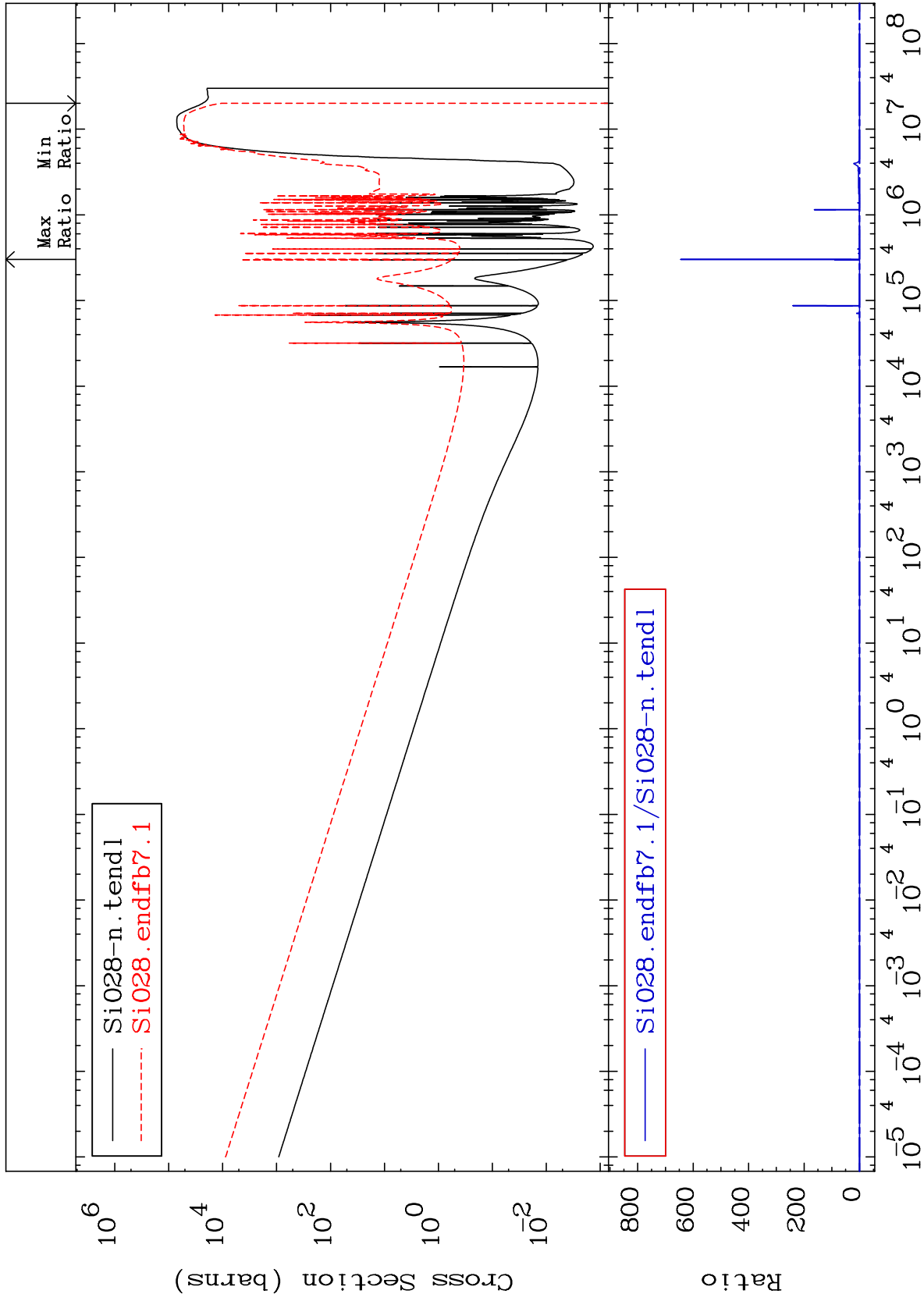
Cross Section



MAT 1425

Dpa disappearance (mt102 -120)  
Cross Section

14-Si-28  
-100.0 To 9999. %



45

Incident Energy (eV)

14-Si-28