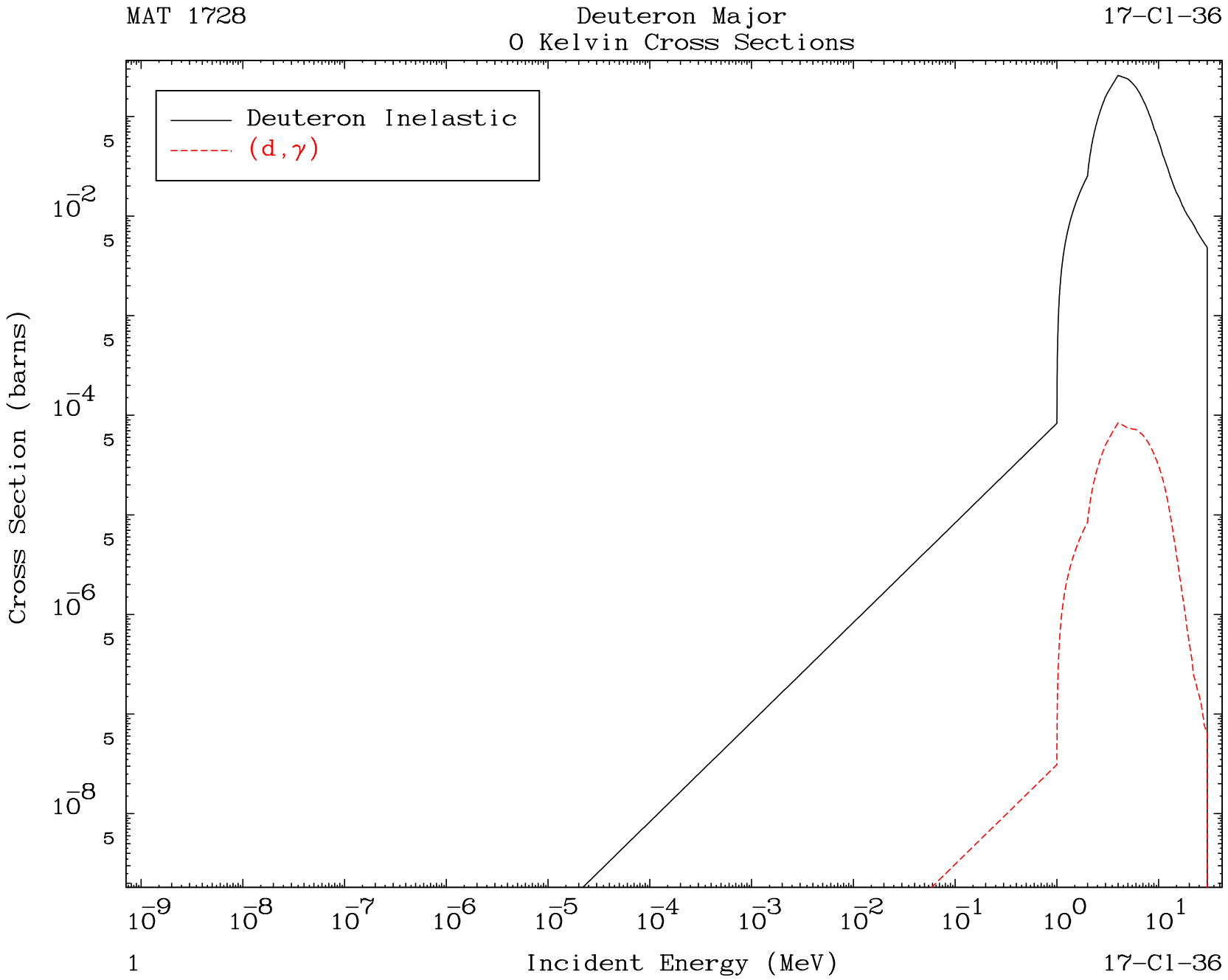
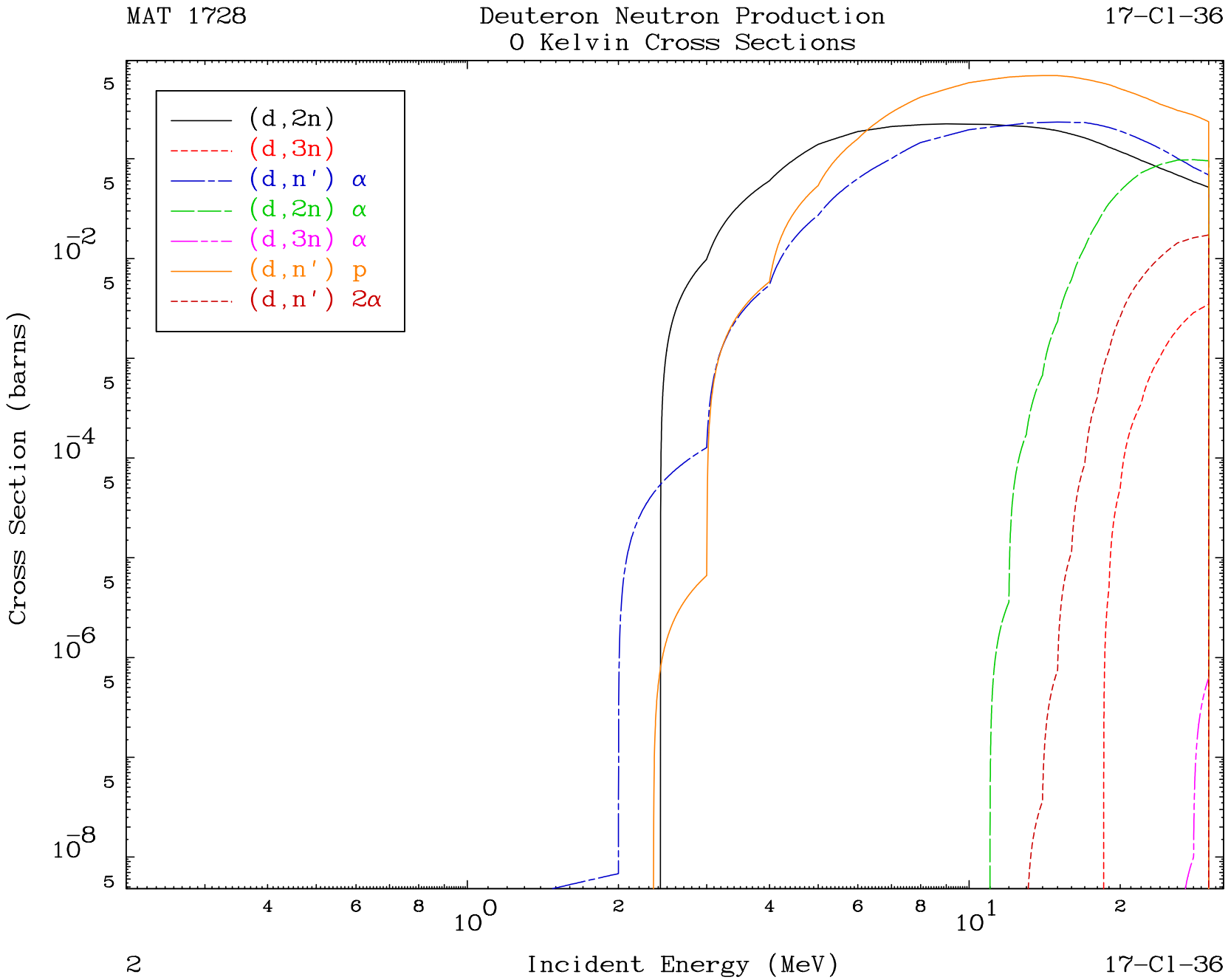
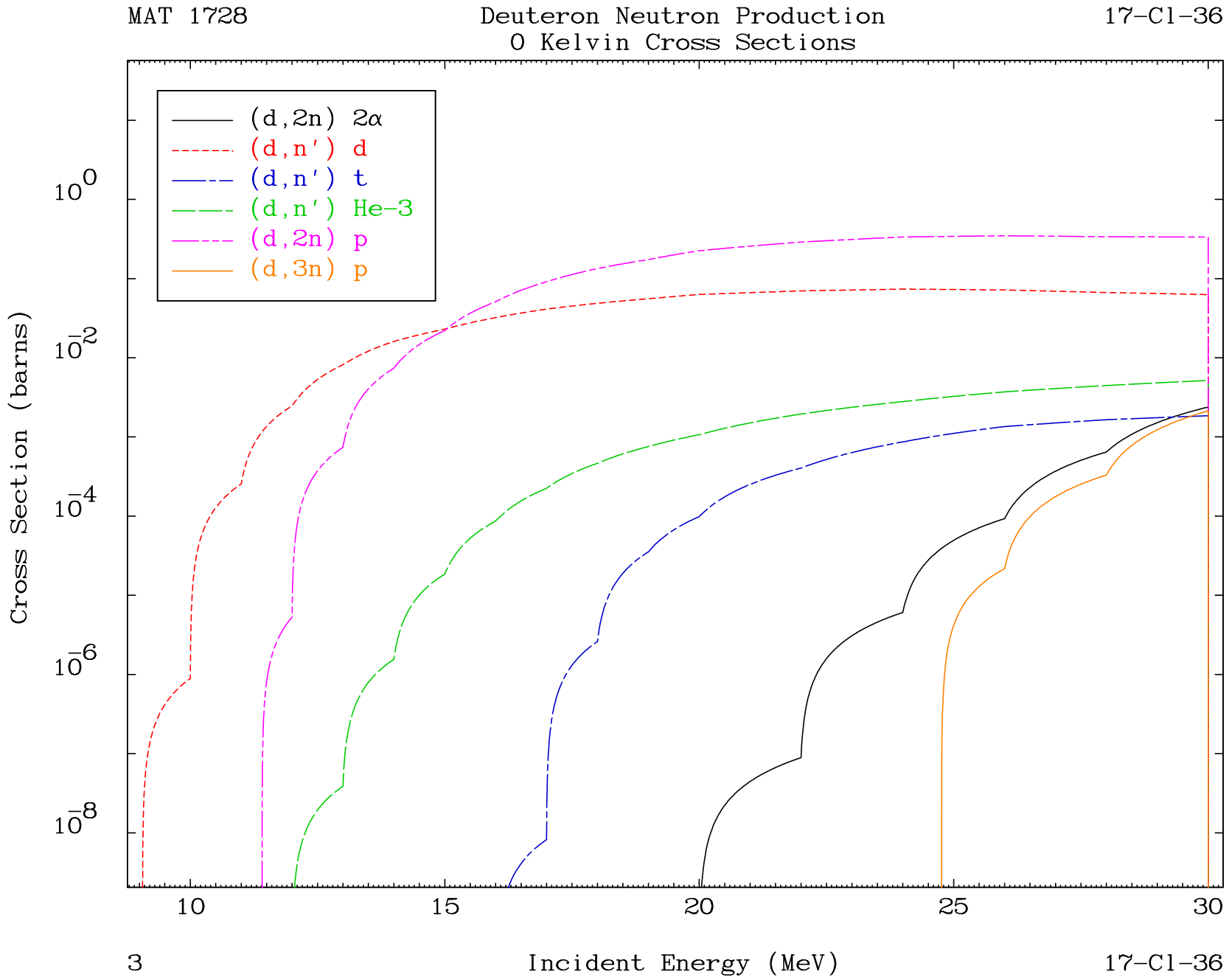
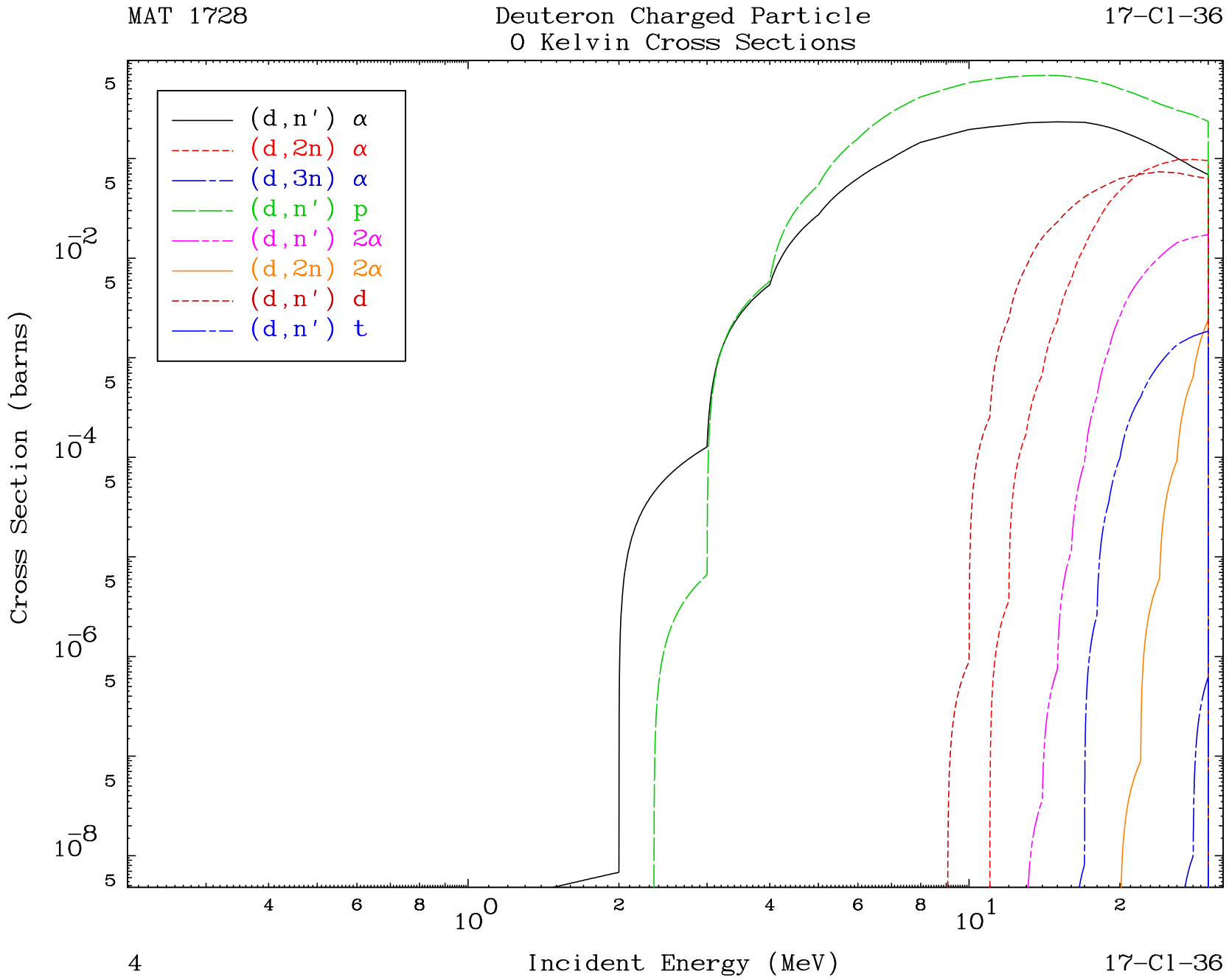
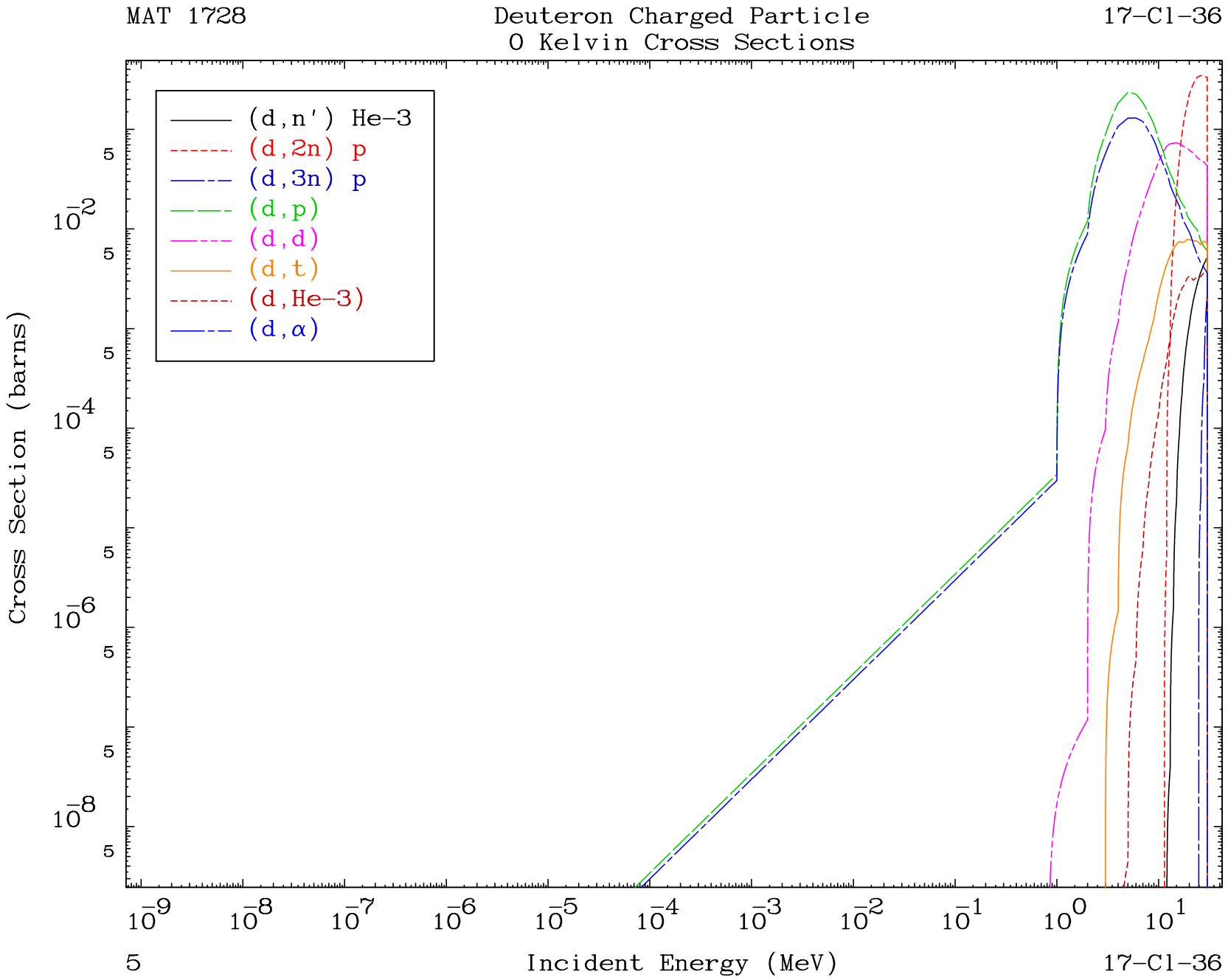
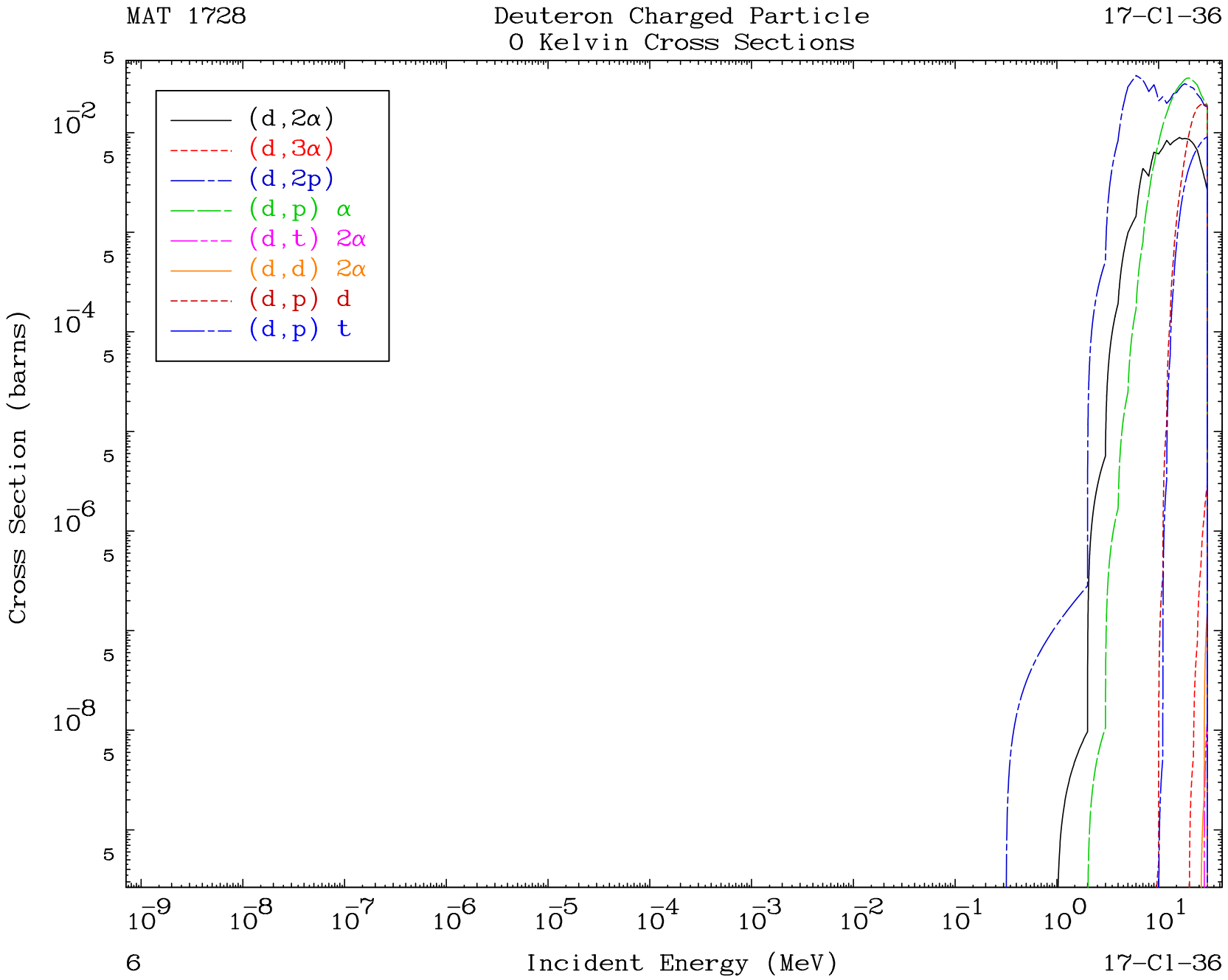

MAT 1728
Deuteron Major
17-Cl-36
0 Kelvin Cross Sections
Deuteron Inelastic
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36

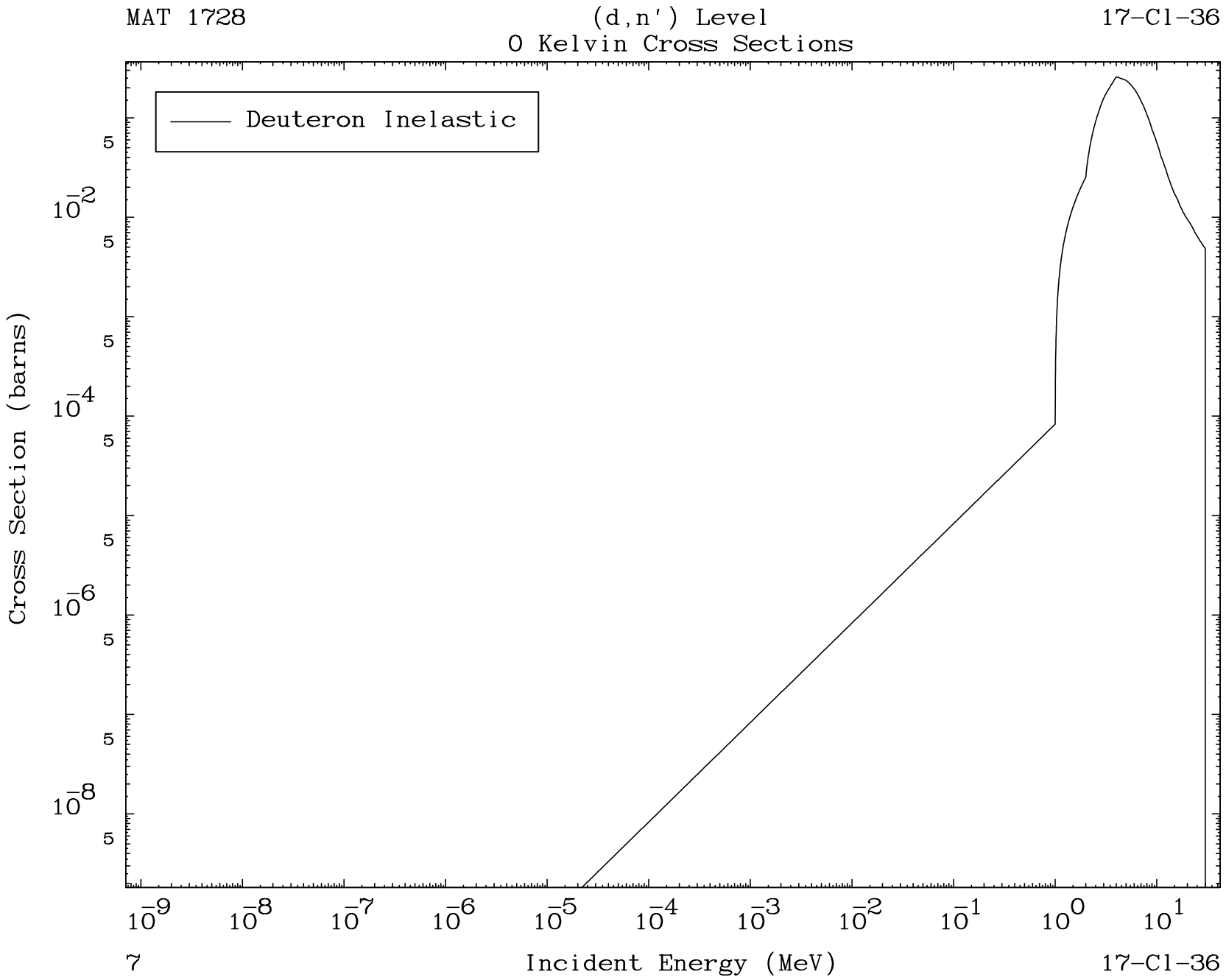

MAT 1728
Deuteron Neutron Production
0 Kelvin Cross Sections
17-Cl-36
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36
2

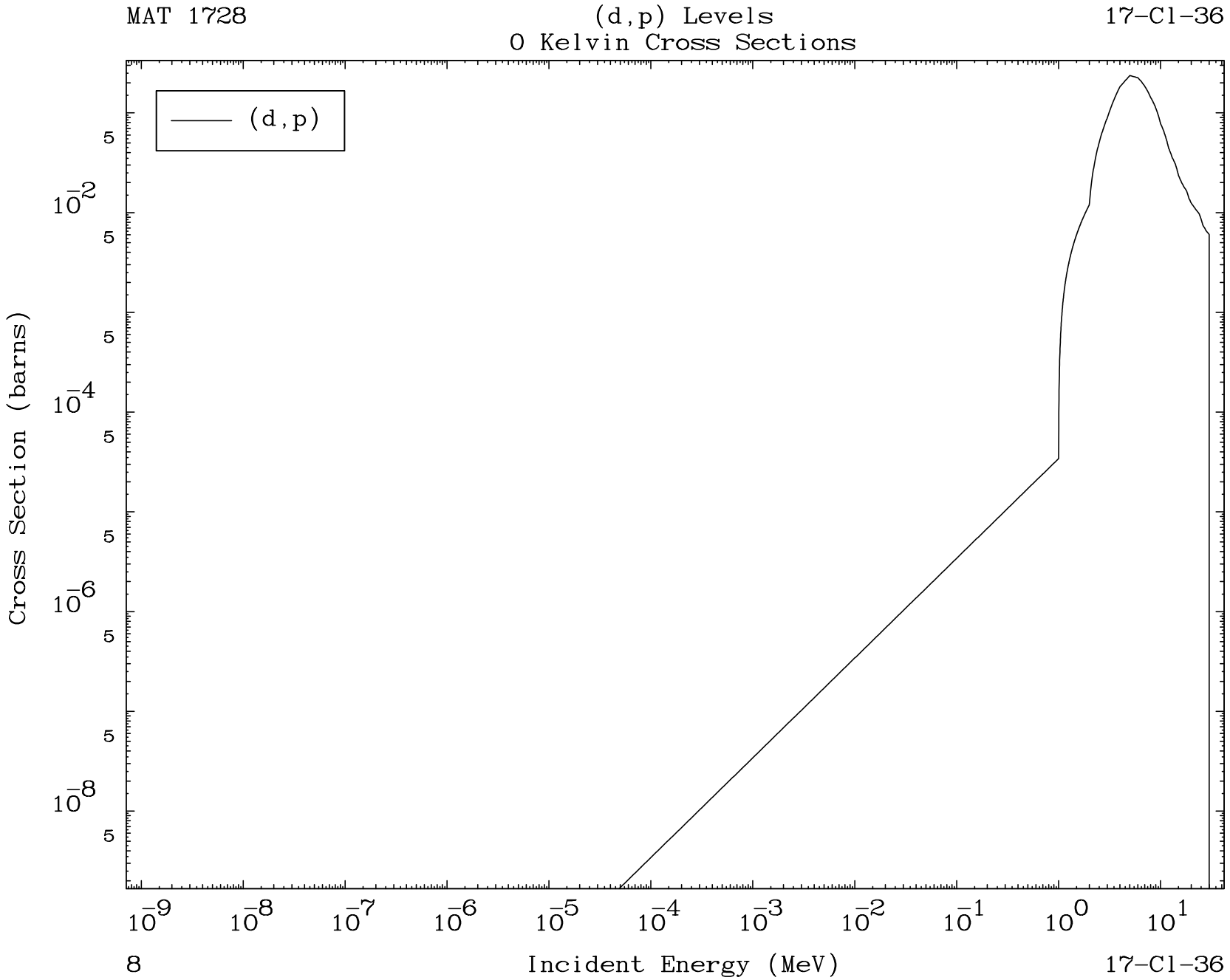

MAT 1728
Deuteron Neutron Production
0 Kelvin Cross Sections
17-Cl-36
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
10
15
20
25
30
Incident Energy (MeV)
3
17-Cl-36

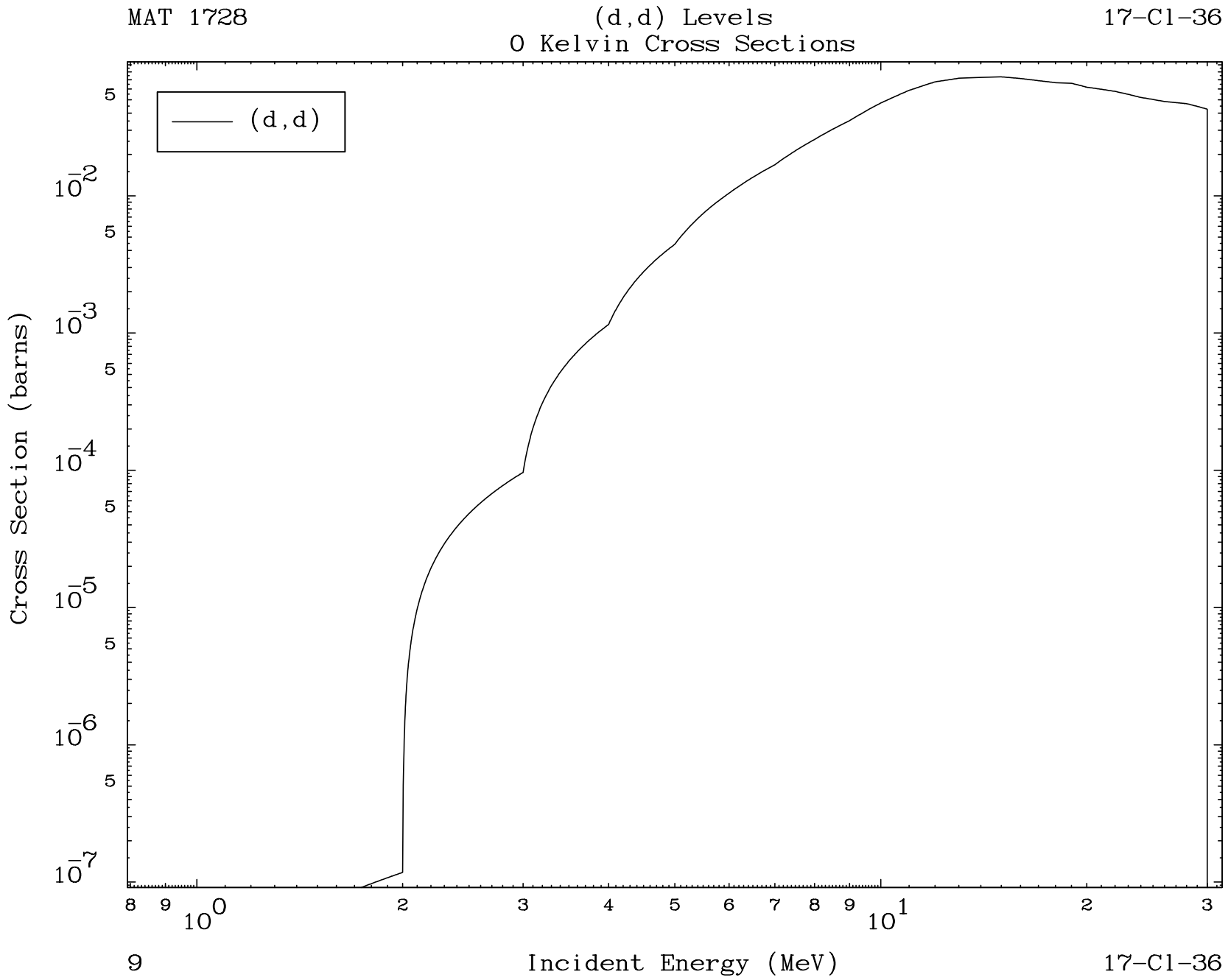

MAT 1728
Deuteron Charged Particle
0 Kelvin Cross Sections
17-Cl-36
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
Cross Section (barns)
Incident Energy (MeV)
4
17-Cl-36

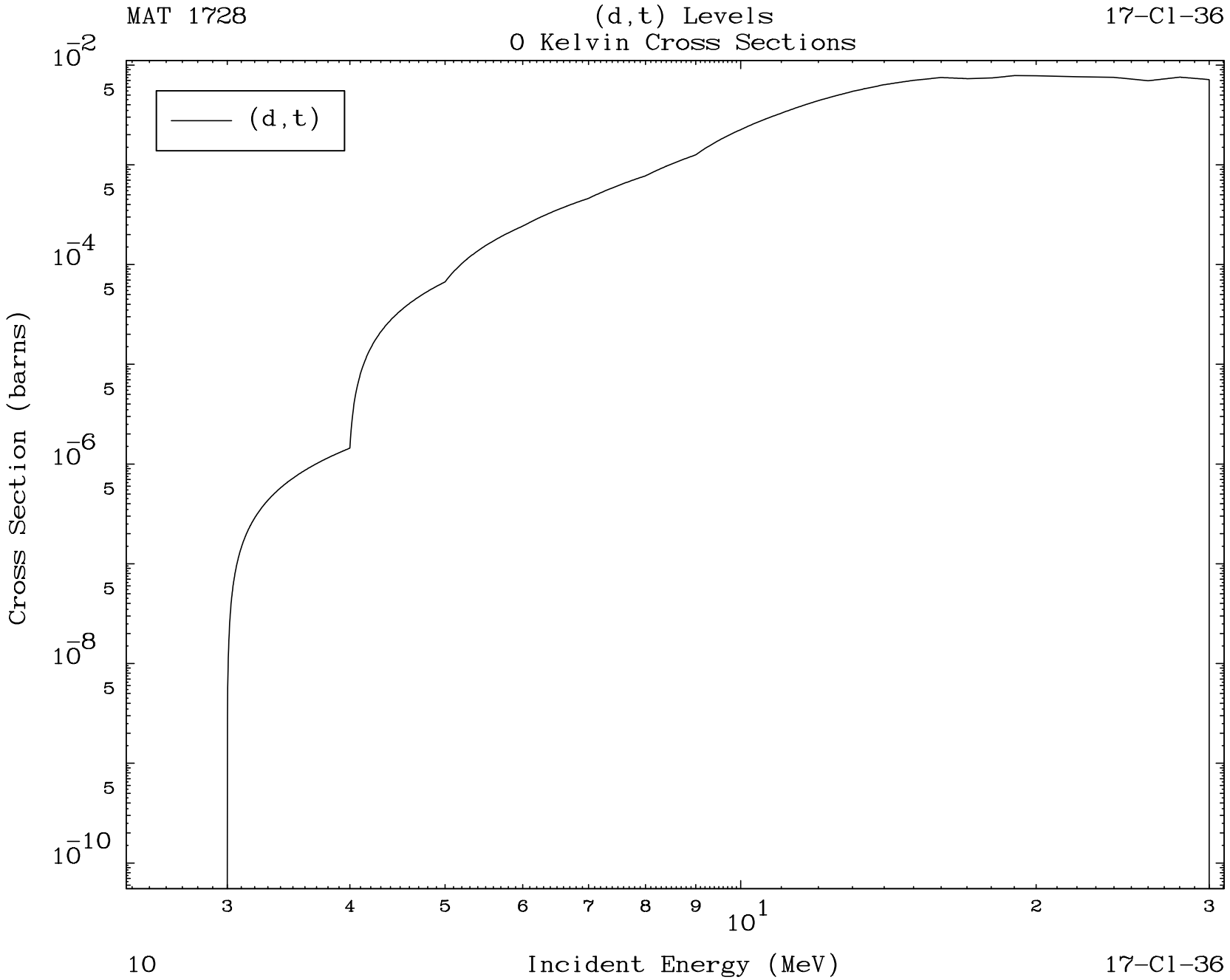

MAT 1728
Deuteron Charged Particle
0 Kelvin Cross Sections
17-Cl-36
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36

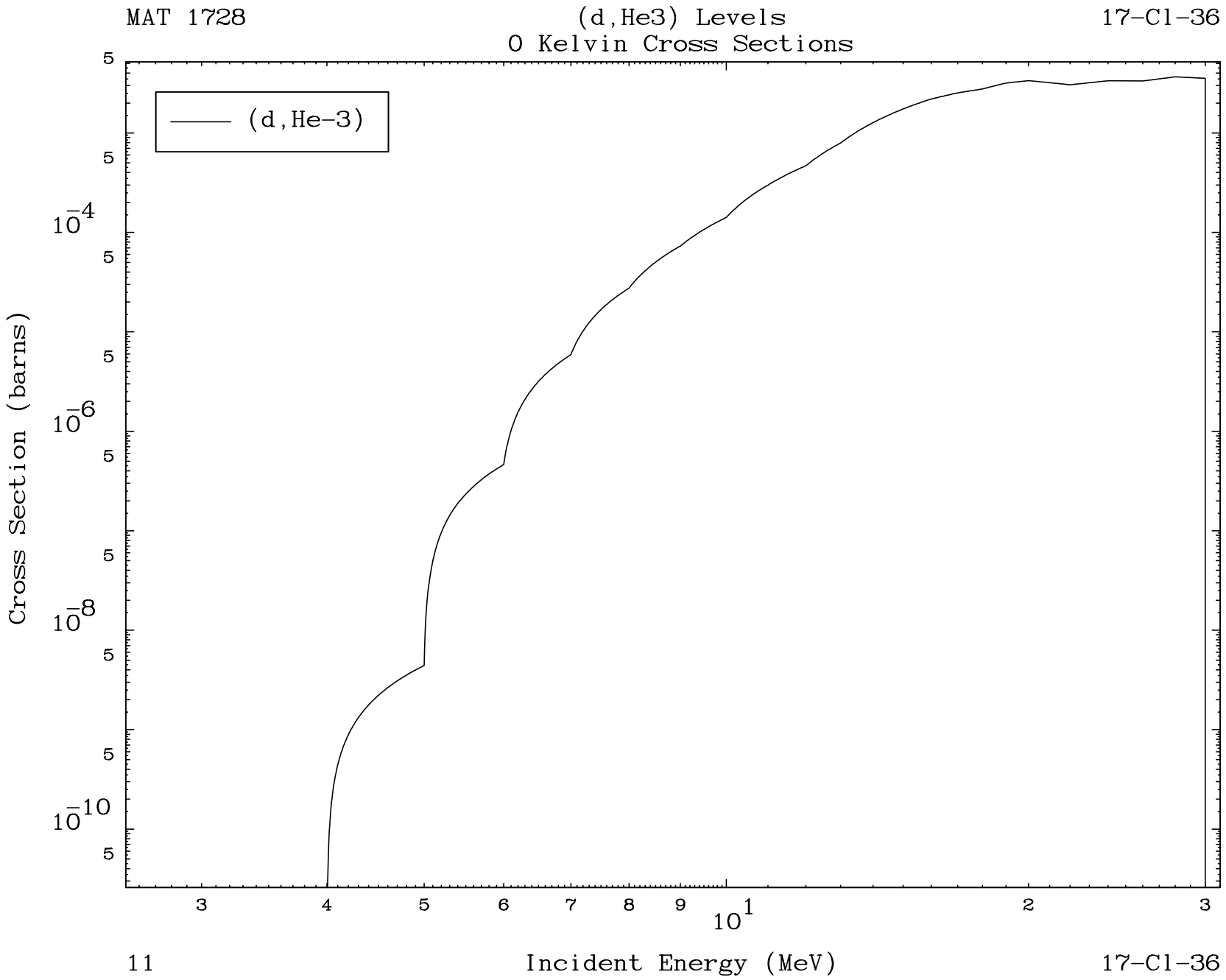

MAT 1728
Deuteron Charged Particle
0 Kelvin Cross Sections
17-Cl-36
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,t) 2α
(d,d) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36
6

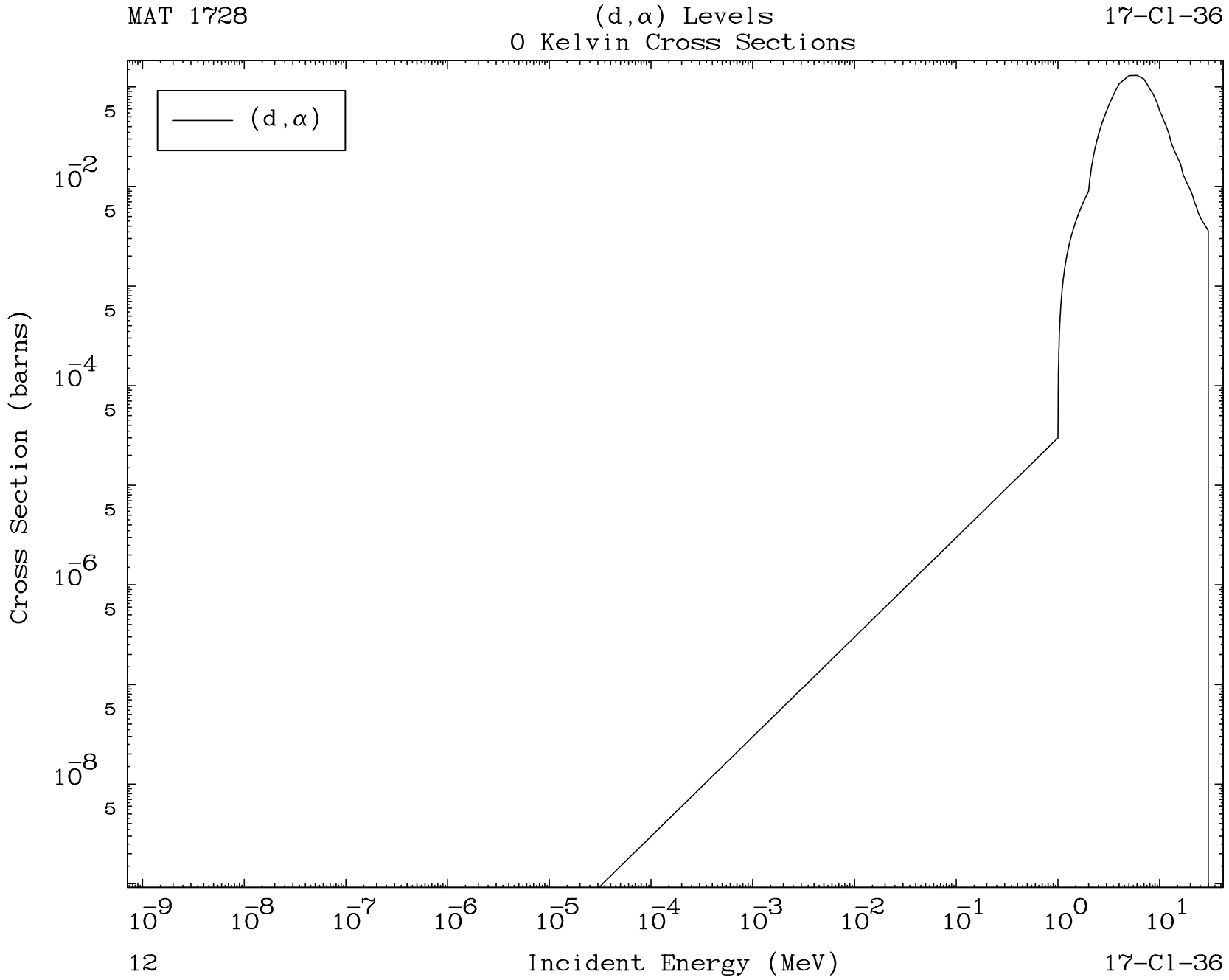

MAT 1728
(d,n') Level
17-Cl-36
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
10-9
10-8
10-7
10-6
10-5
10-4
10-3
10-2
10-1
100
101
Incident Energy (MeV)
7
17-Cl-36

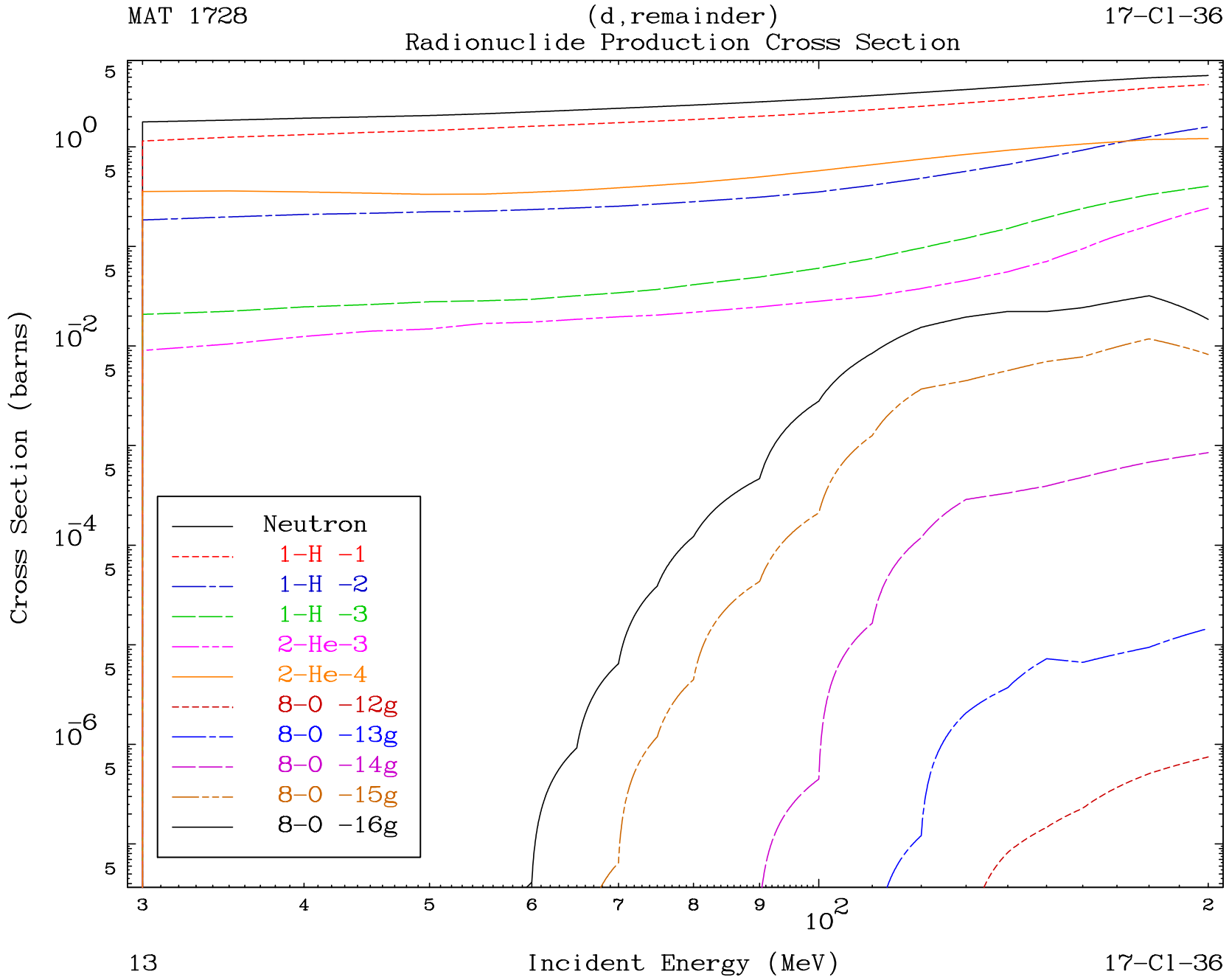

MAT 1728
(d,p) Levels
17-Cl-36
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36

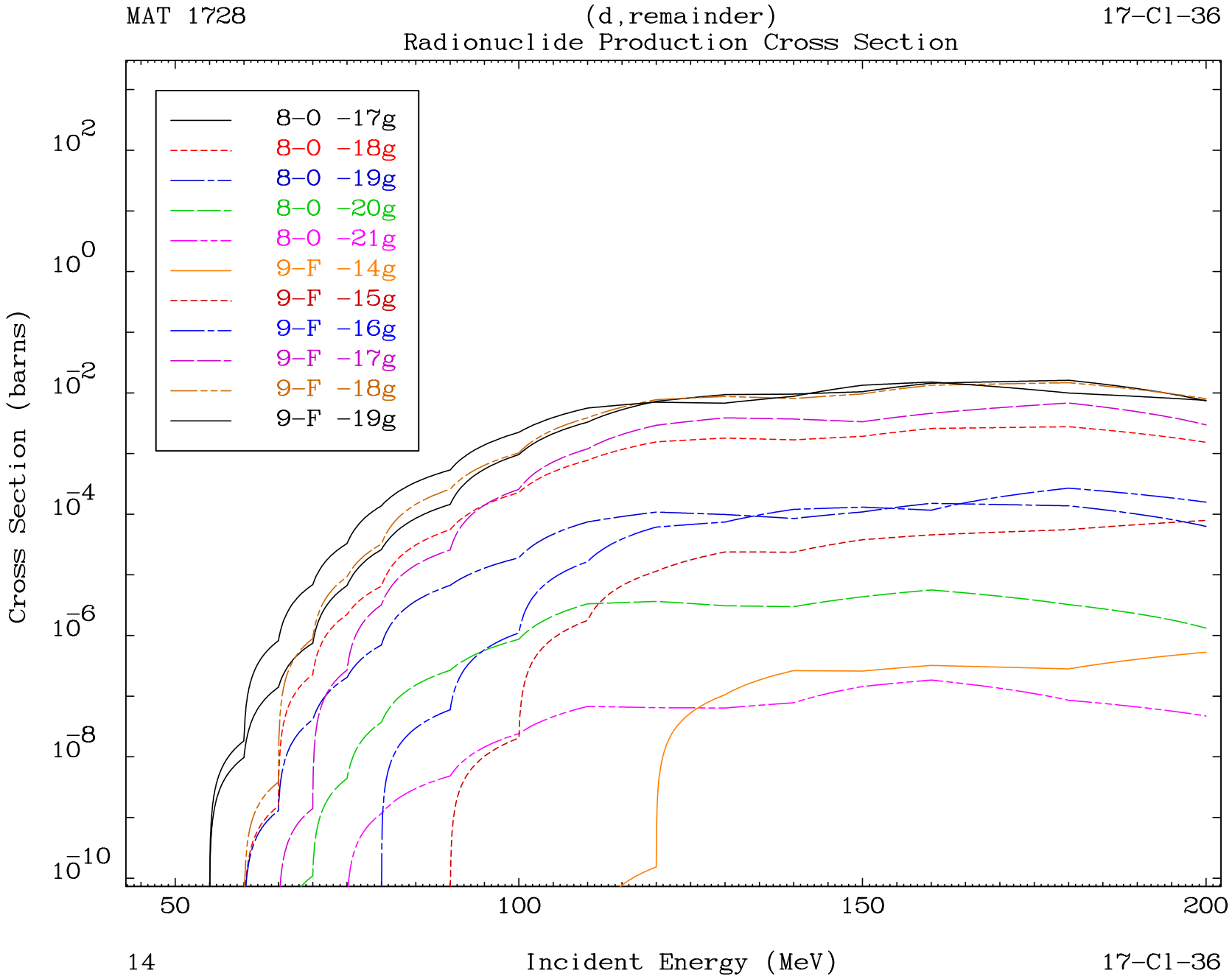

MAT 1728
(d,d) Levels
17-Cl-36
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36

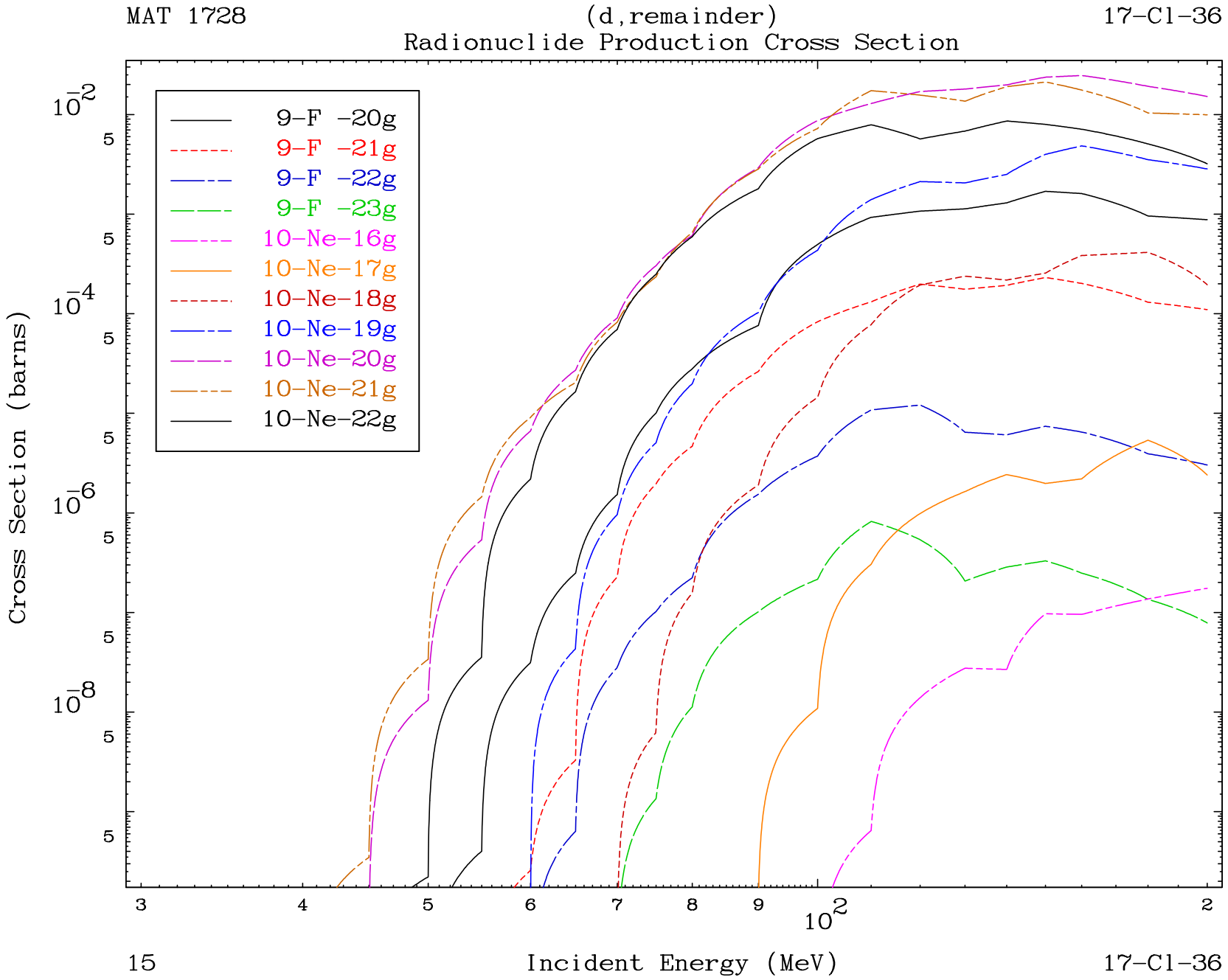

MAT 1728
(d,t) Levels
17-Cl-36
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
10
17-Cl-36

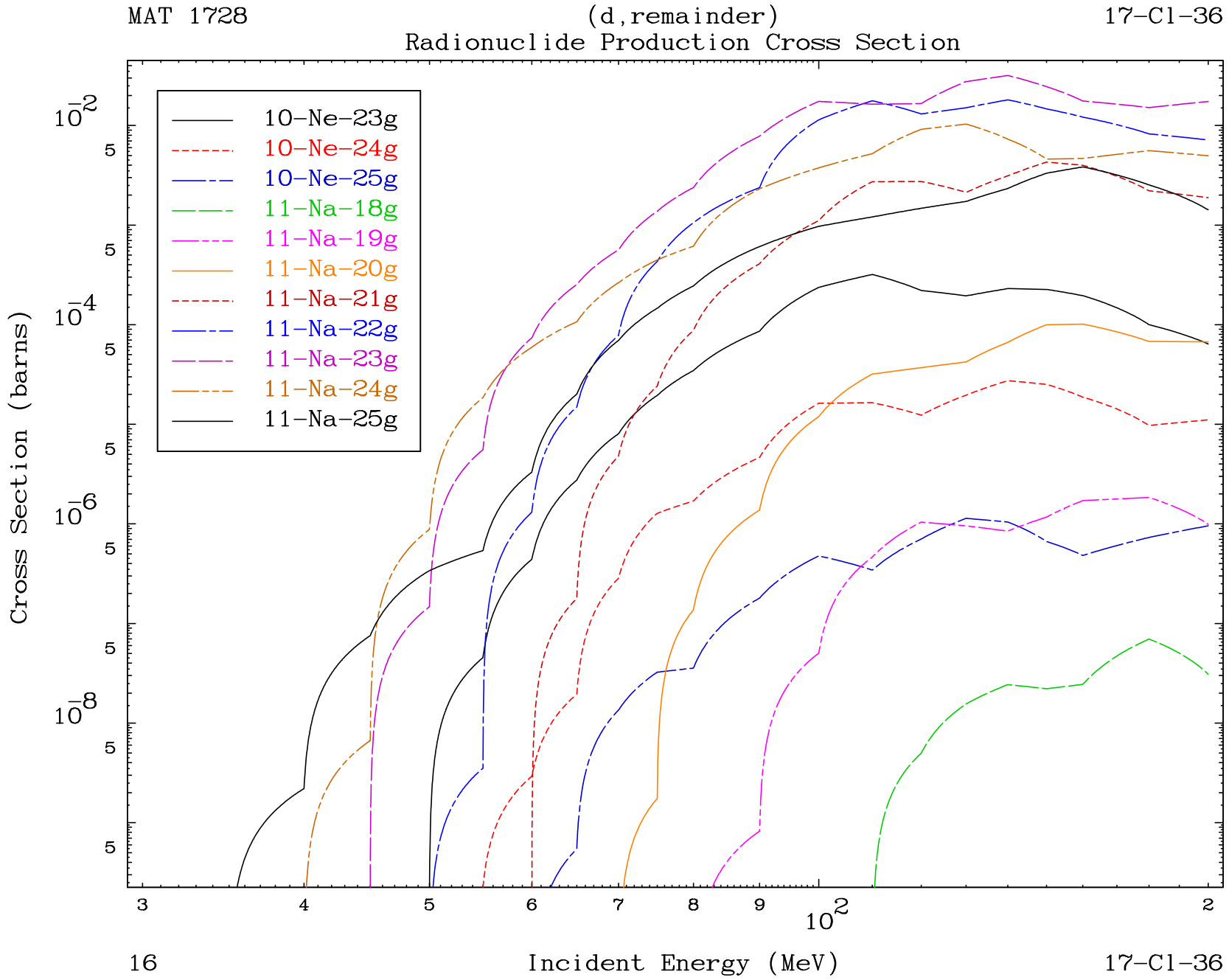

MAT 1728
(d,He3) Levels
17-Cl-36
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
17-Cl-36

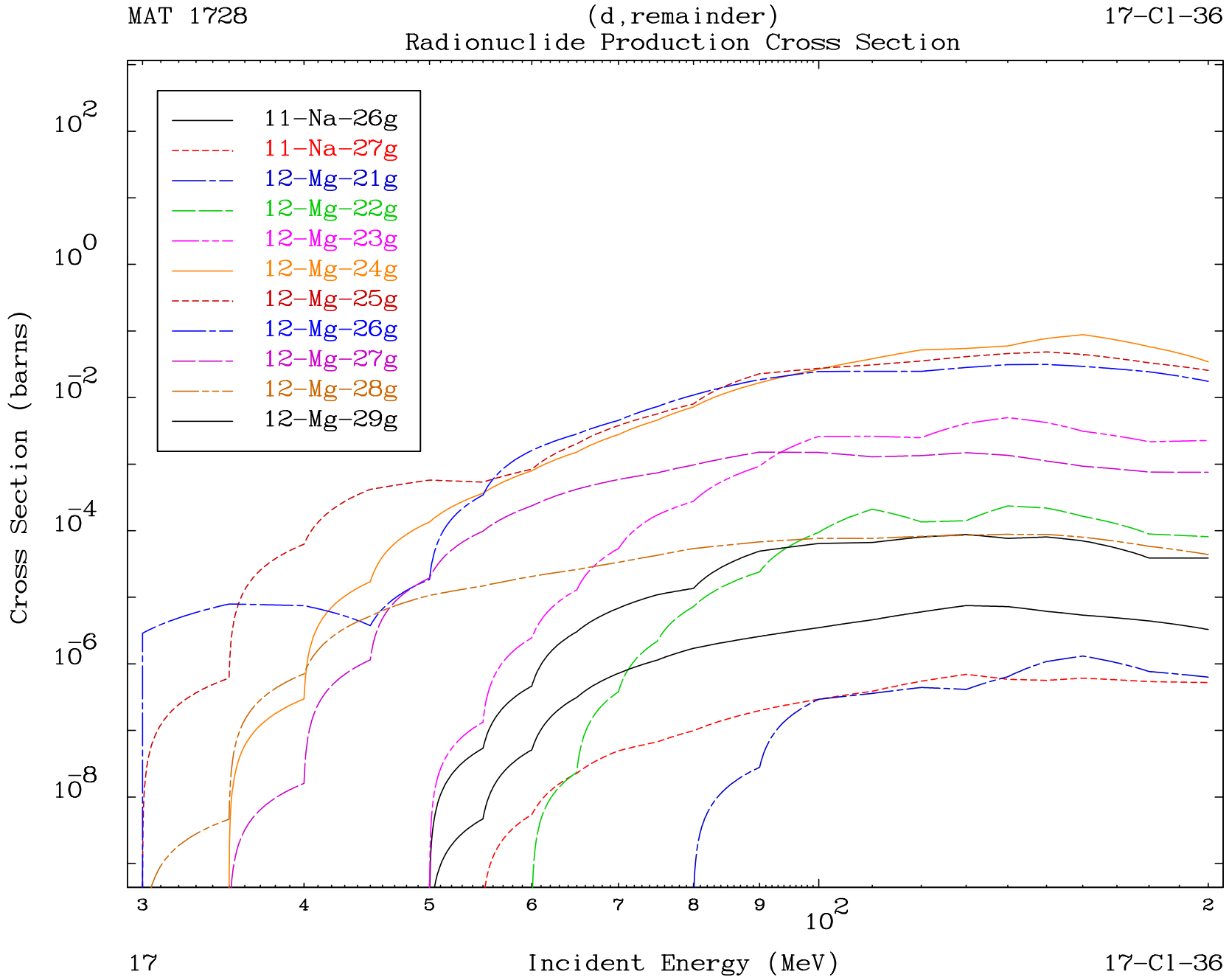

MAT 1728
(d,α) Levels
17-Cl-36
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
10-9
10-8
10-7
10-6
10-5
10-4
10-3
10-2
10-1
100
101
Incident Energy (MeV)
12
17-Cl-36

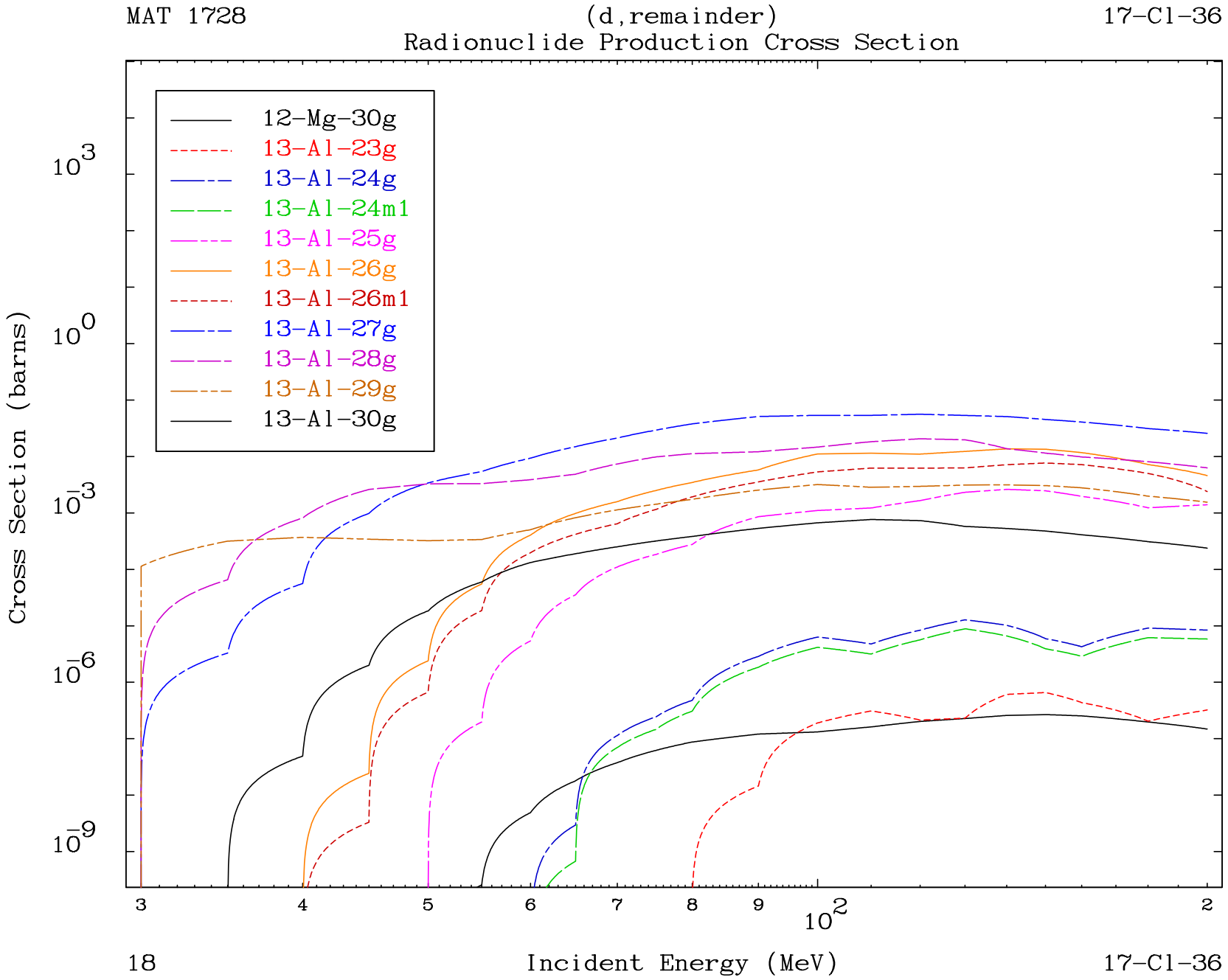

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
Neutron
1-H -1
1-H -2
1-H -3
2-He-3
2-He-4
8-O -12g
8-O -13g
8-O -14g
8-O -15g
8-O -16g
13
17-Cl-36

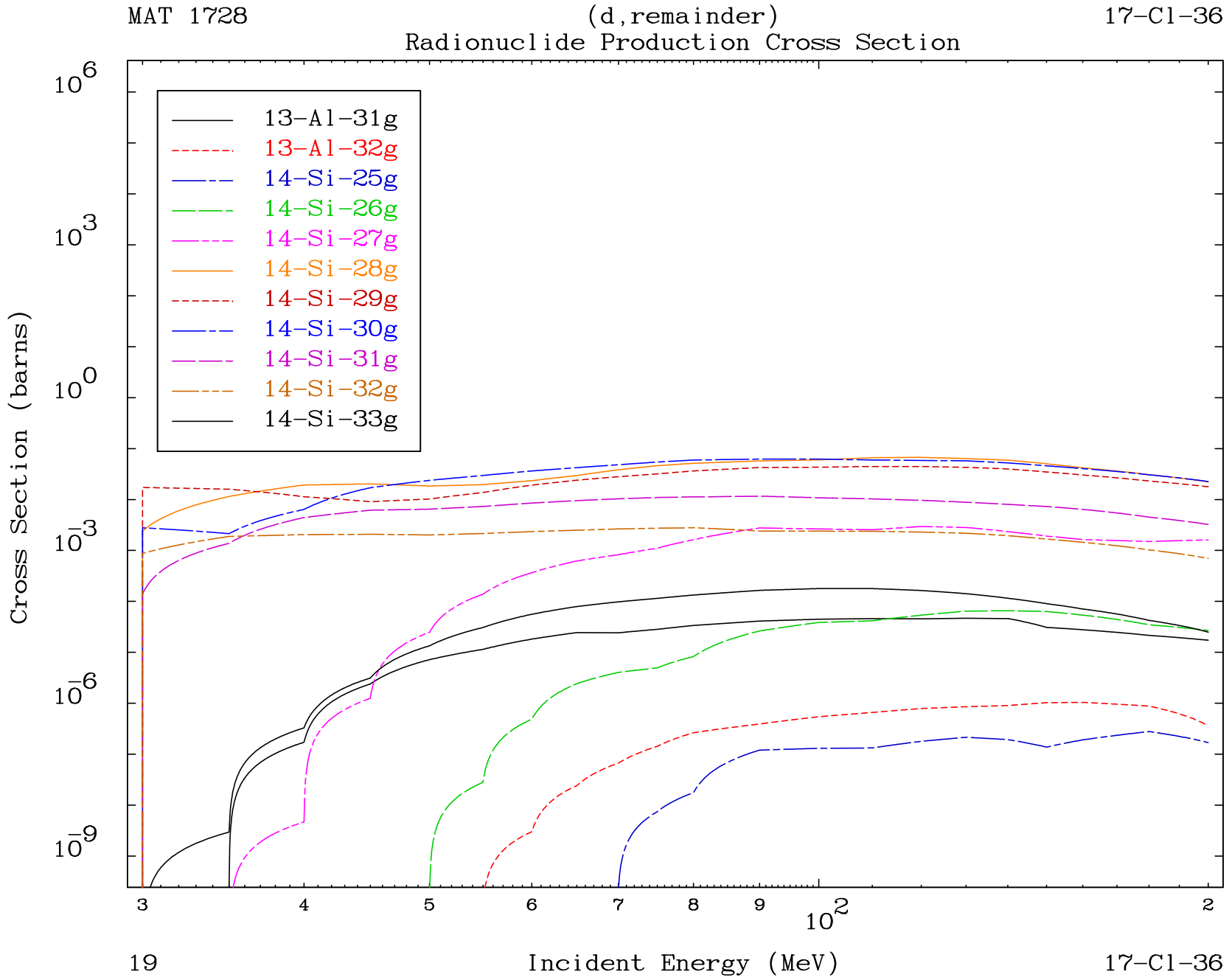

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
8-O -17g
8-O -18g
8-O -19g
8-O -20g
8-O -21g
9-F -14g
9-F -15g
9-F -16g
9-F -17g
9-F -18g
9-F -19g
Cross Section (barns)
10^2
10^0
10^-2
10^-4
10^-6
10^-8
10^-10
50
100
150
200
14
Incident Energy (MeV)
17-Cl-36

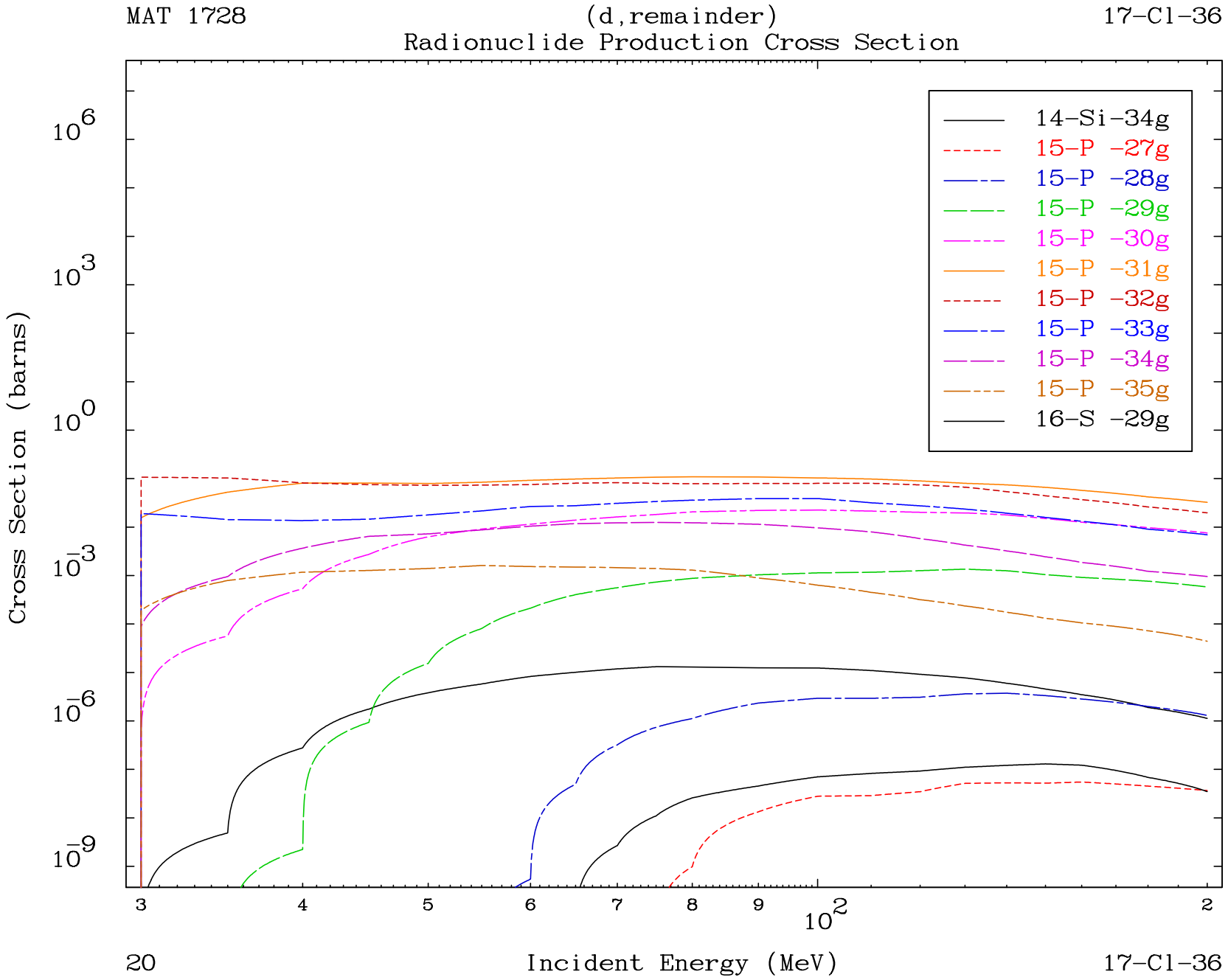

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
9-F -20g
9-F -21g
9-F -22g
9-F -23g
10-Ne-16g
10-Ne-17g
10-Ne-18g
10-Ne-19g
10-Ne-20g
10-Ne-21g
10-Ne-22g
Cross Section (barns)
Incident Energy (MeV)
15
17-Cl-36

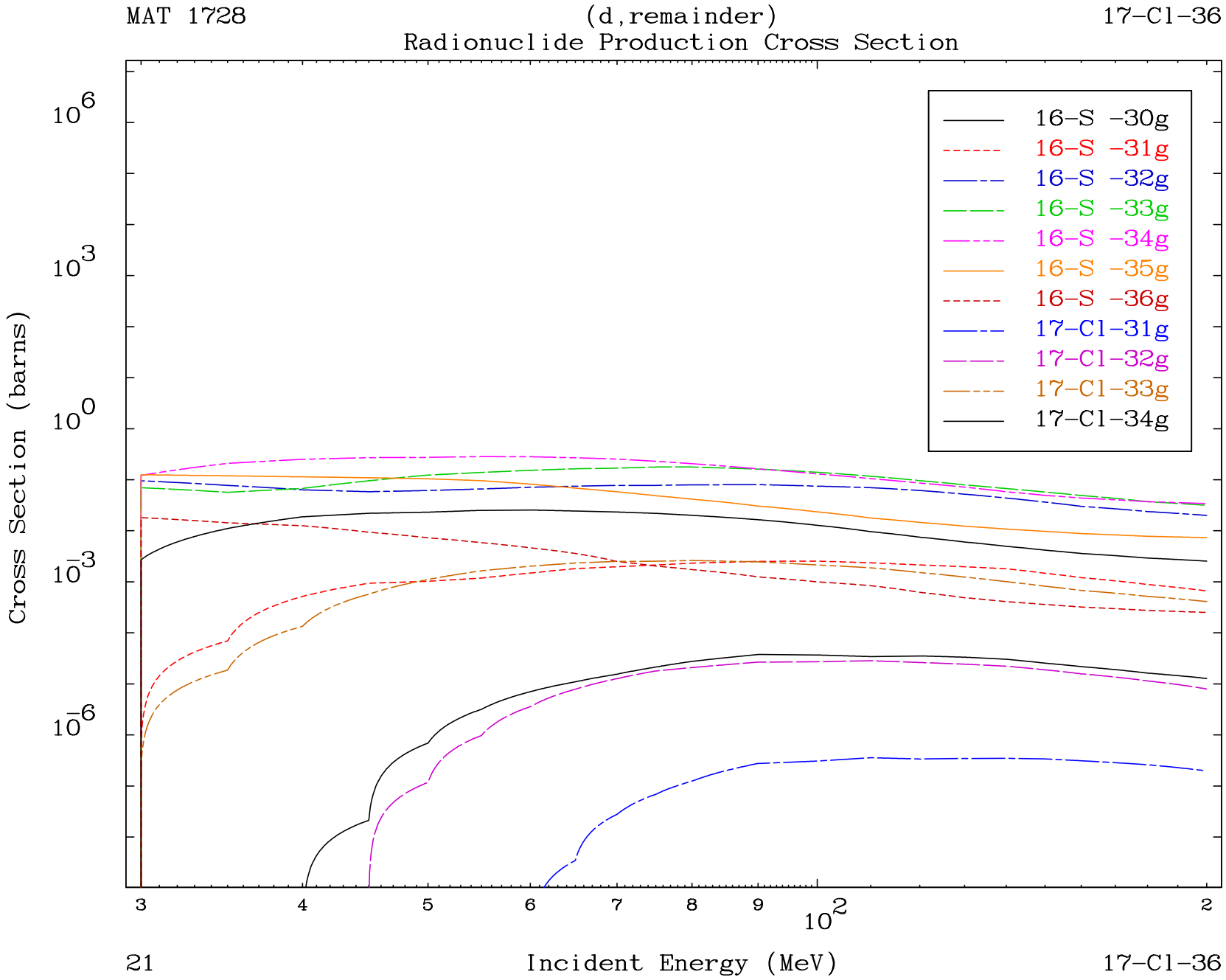

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
10-Ne-23g
10-Ne-24g
10-Ne-25g
11-Na-18g
11-Na-19g
11-Na-20g
11-Na-21g
11-Na-22g
11-Na-23g
11-Na-24g
11-Na-25g
Cross Section (barns)
Incident Energy (MeV)
16
17-Cl-36

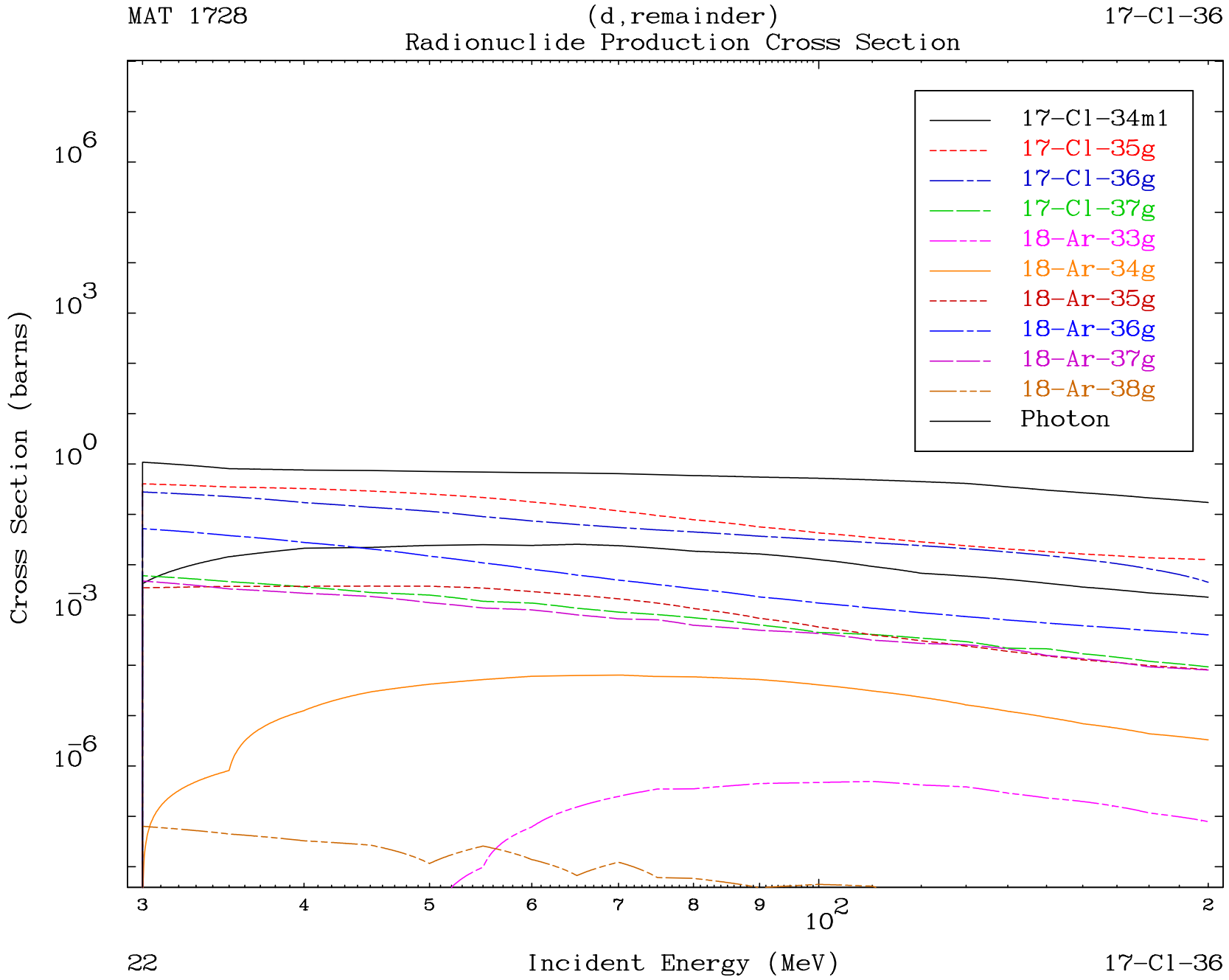

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
11-Na-26g
11-Na-27g
12-Mg-21g
12-Mg-22g
12-Mg-23g
12-Mg-24g
12-Mg-25g
12-Mg-26g
12-Mg-27g
12-Mg-28g
12-Mg-29g
Cross Section (barns)
10^2
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
17-Cl-36

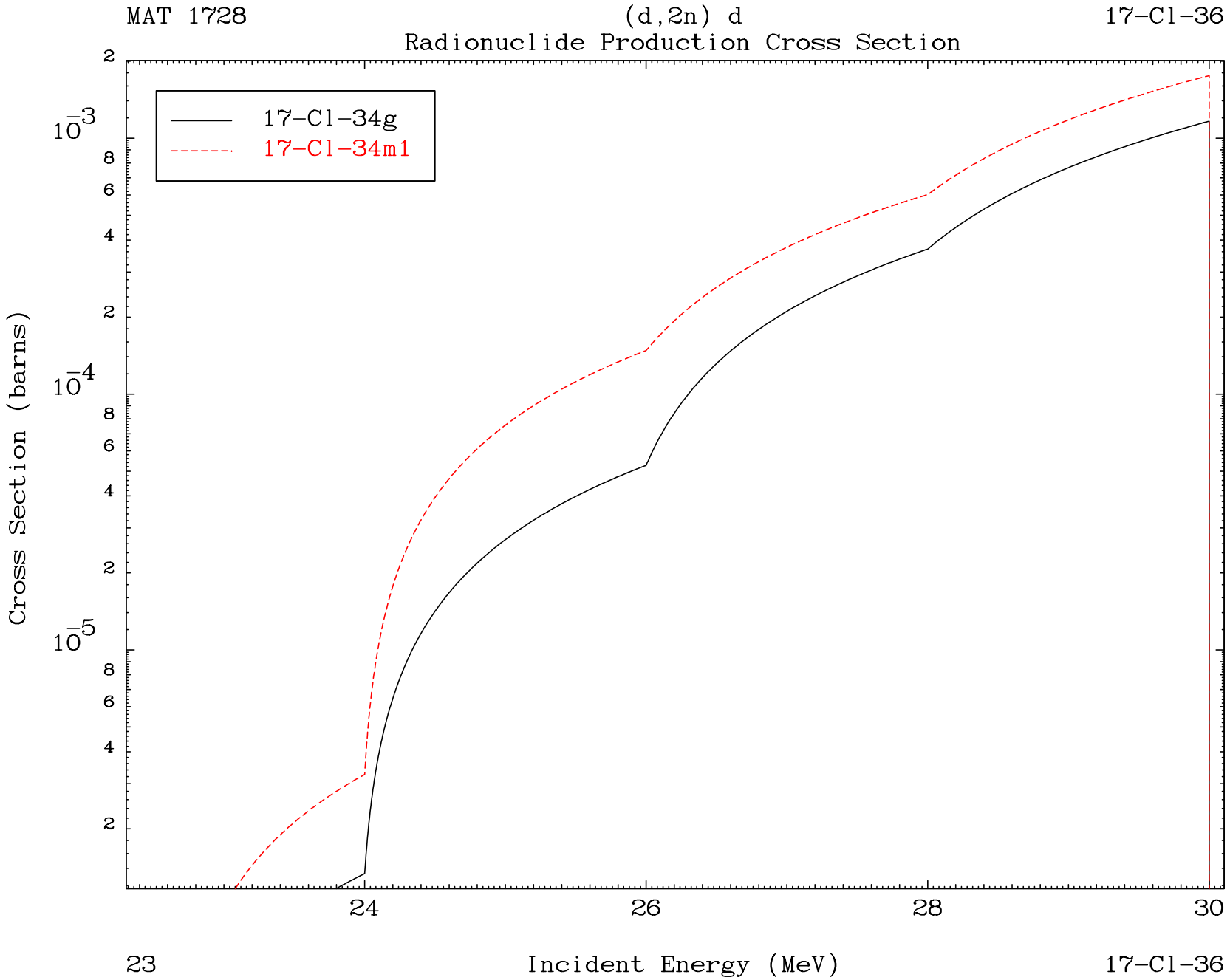

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
12-Mg-30g
13-Al-23g
13-Al-24g
13-Al-24m1
13-Al-25g
13-Al-26g
13-Al-26m1
13-Al-27g
13-Al-28g
13-Al-29g
13-Al-30g
Cross Section (barns)
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
17-Cl-36

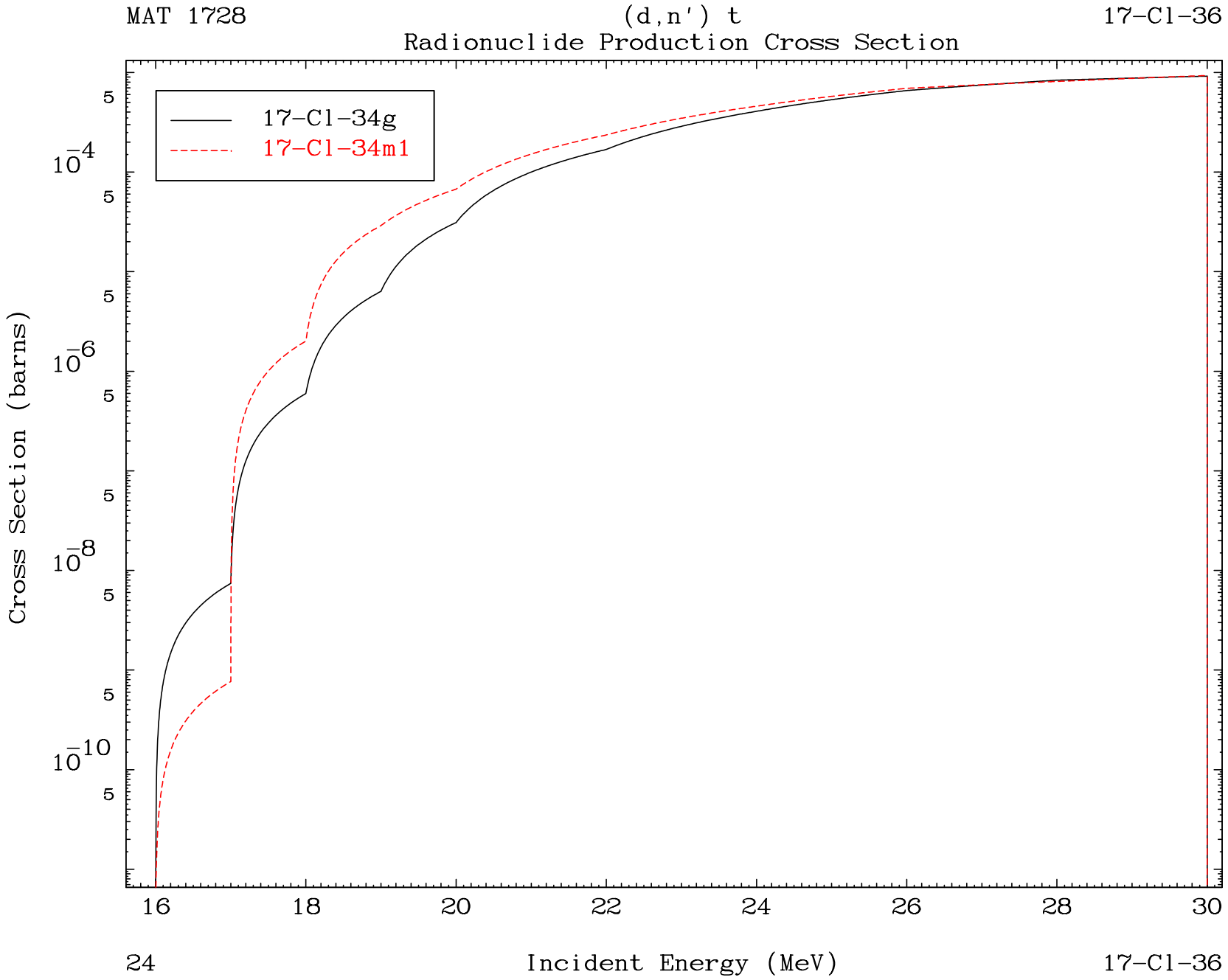

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
13-Al-31g
13-Al-32g
14-Si-25g
14-Si-26g
14-Si-27g
14-Si-28g
14-Si-29g
14-Si-30g
14-Si-31g
14-Si-32g
14-Si-33g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
17-Cl-36

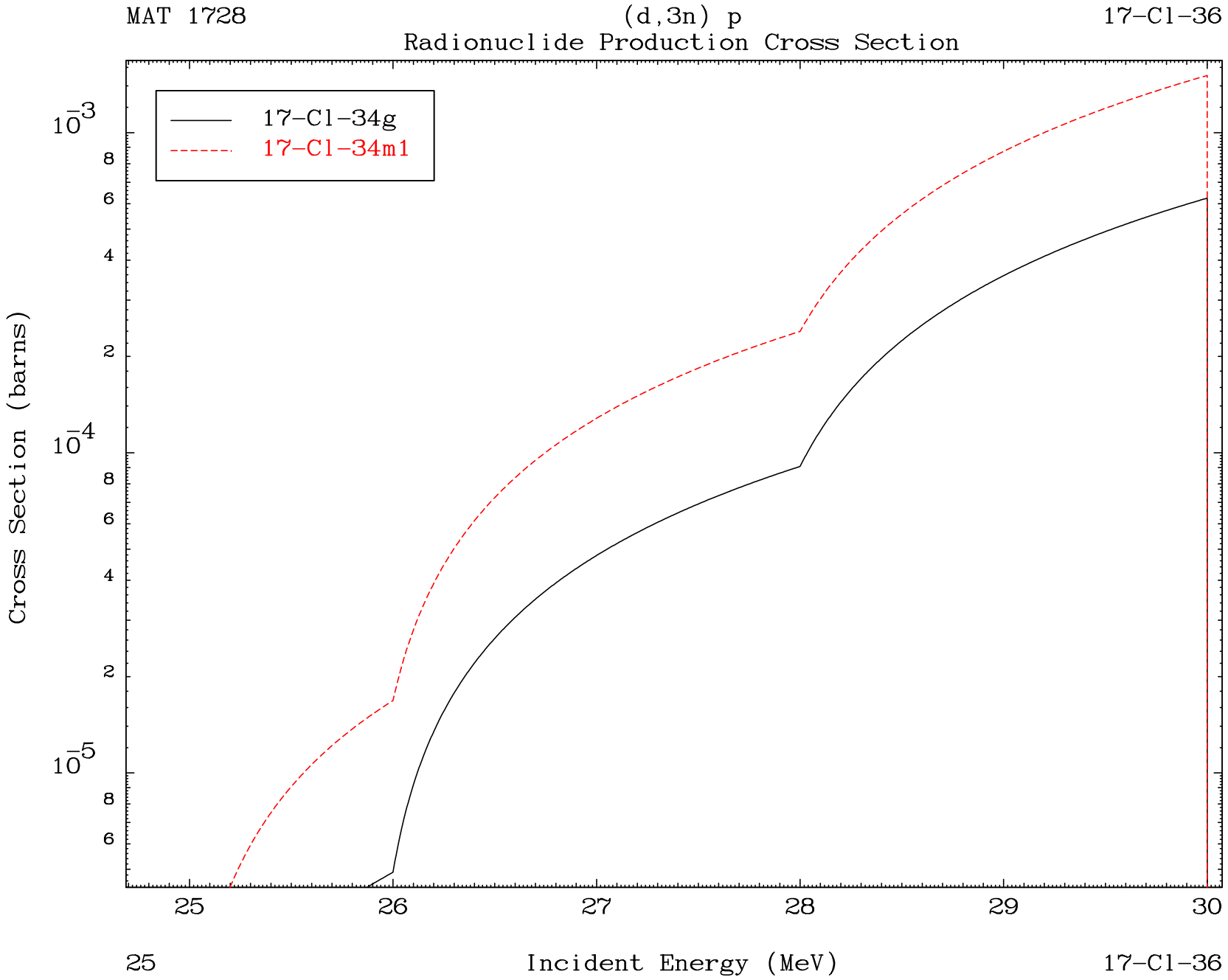

MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
14-Si-34g
15-P -27g
15-P -28g
15-P -29g
15-P -30g
15-P -31g
15-P -32g
15-P -33g
15-P -34g
15-P -35g
16-S -29g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
17-Cl-36


MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
16-S -30g
16-S -31g
16-S -32g
16-S -33g
16-S -34g
16-S -35g
16-S -36g
17-Cl-31g
17-Cl-32g
17-Cl-33g
17-Cl-34g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
17-Cl-36


MAT 1728
(d,remainder)
17-Cl-36
Radionuclide Production Cross Section
17-Cl-34m1
17-Cl-35g
17-Cl-36g
17-Cl-37g
18-Ar-33g
18-Ar-34g
18-Ar-35g
18-Ar-36g
18-Ar-37g
18-Ar-38g
Photon
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
17-Cl-36


MAT 1728
(d,2n) d
17-Cl-36
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-3
10-4
10-5
2
8
6
4
2
8
6
4
2
8
6
4
2
24
26
28
30
23
Incident Energy (MeV)
17-Cl-36


MAT 1728
(d,n') t
17-Cl-36
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
16
18
20
22
24
26
28
30
24
Incident Energy (MeV)
17-Cl-36


MAT 1728
(d,3n) p
17-Cl-36
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-3
8
6
4
2
10-4
8
6
4
2
10-5
8
6
25
26
27
28
29
30
25
Incident Energy (MeV)
17-Cl-36