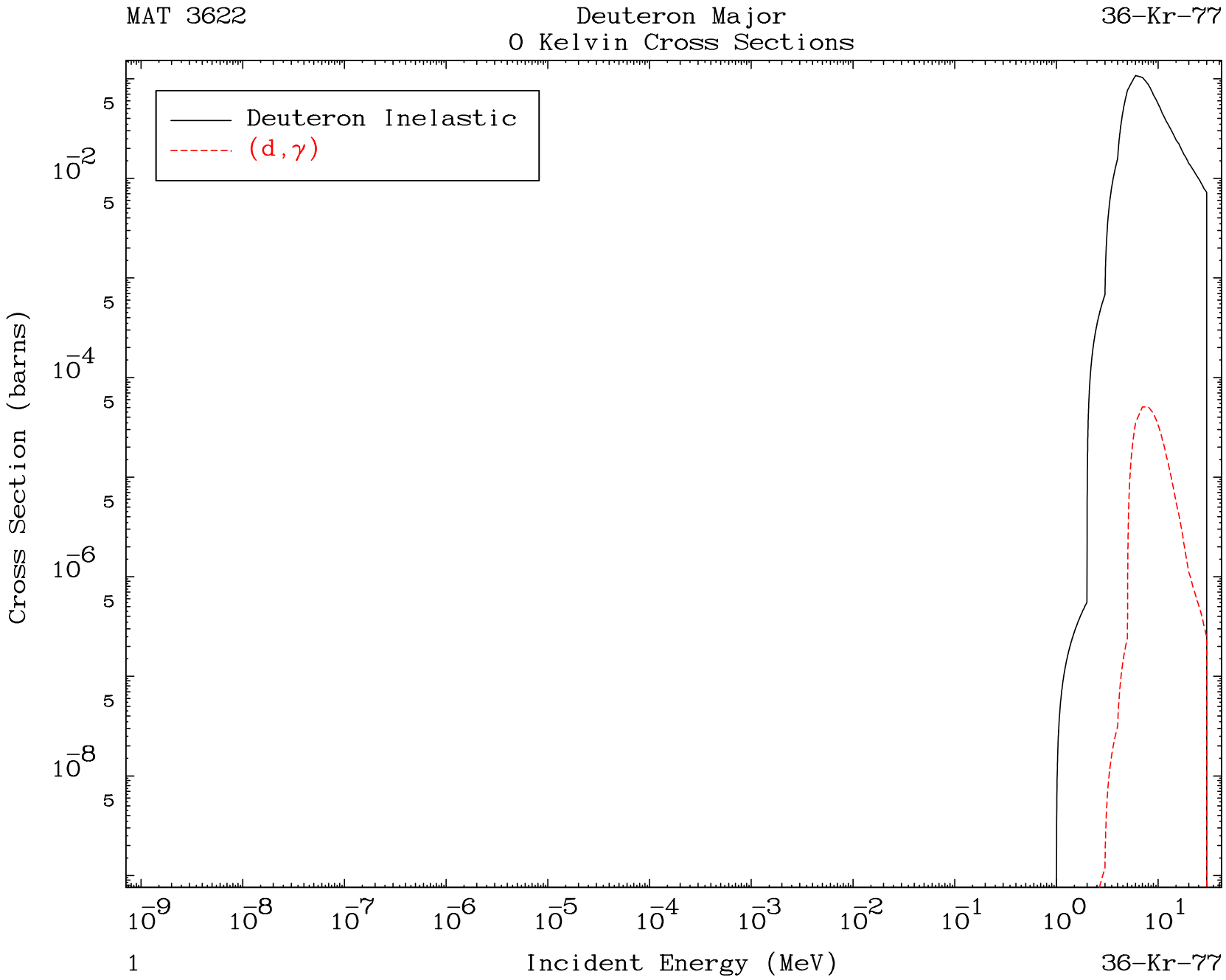
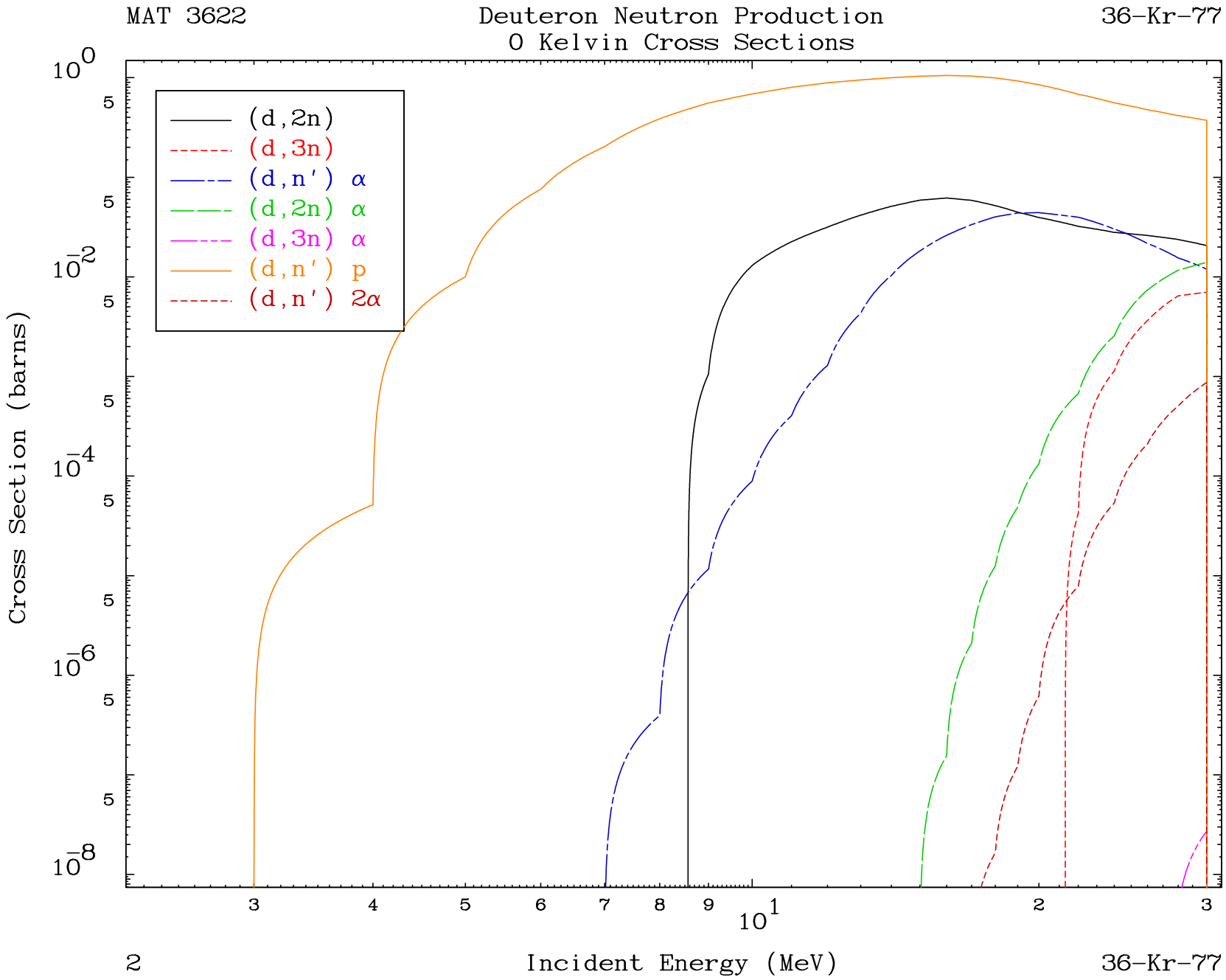
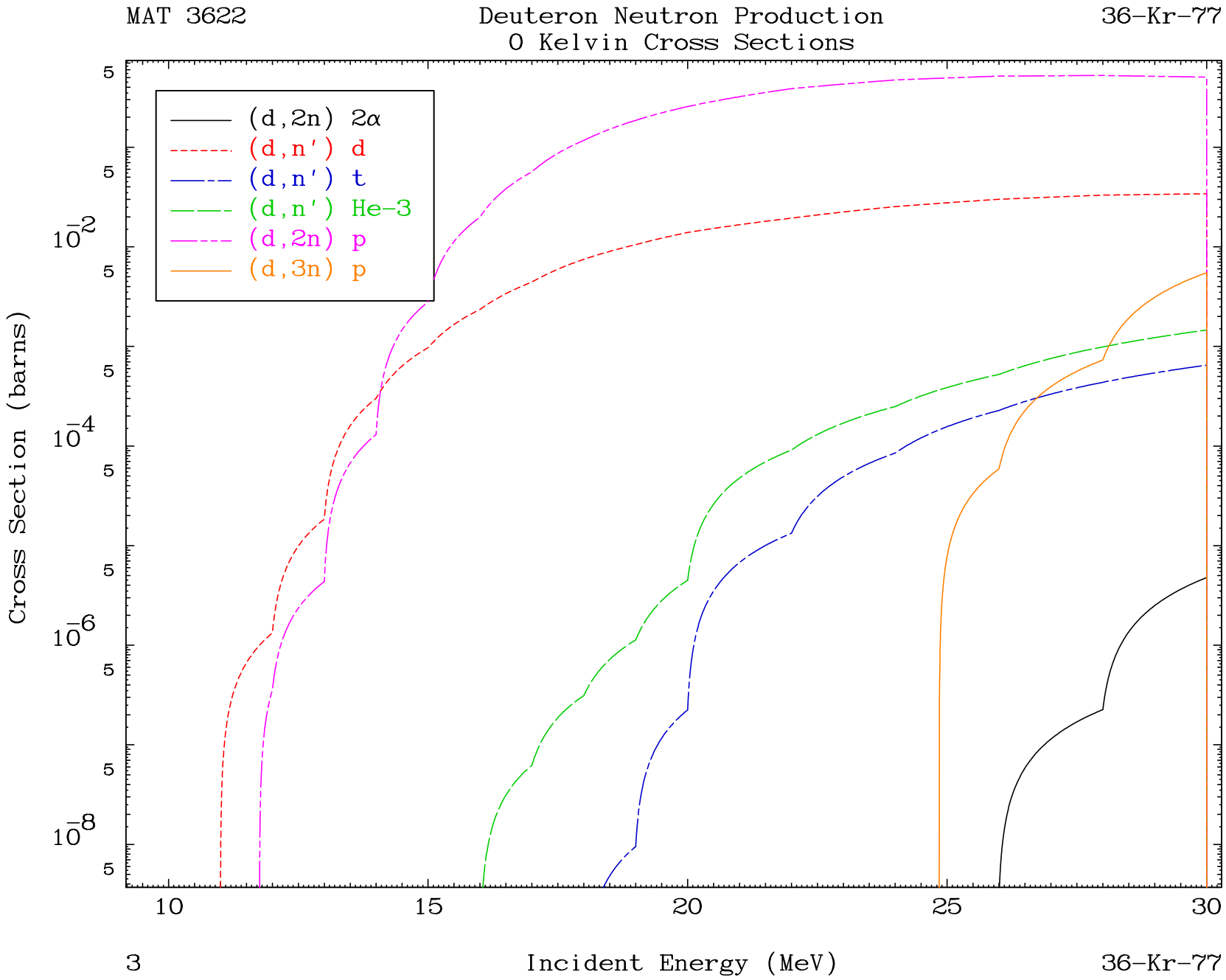
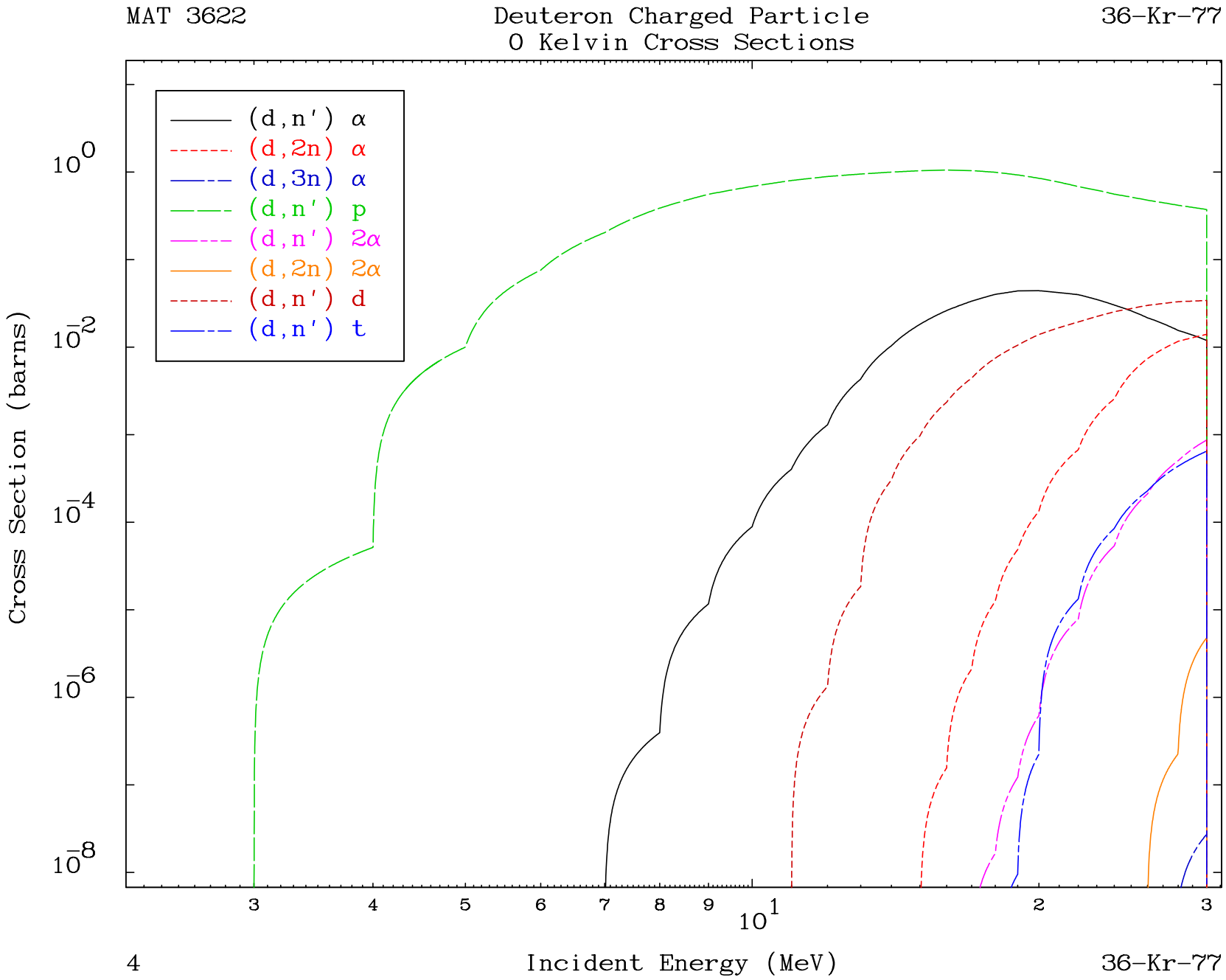
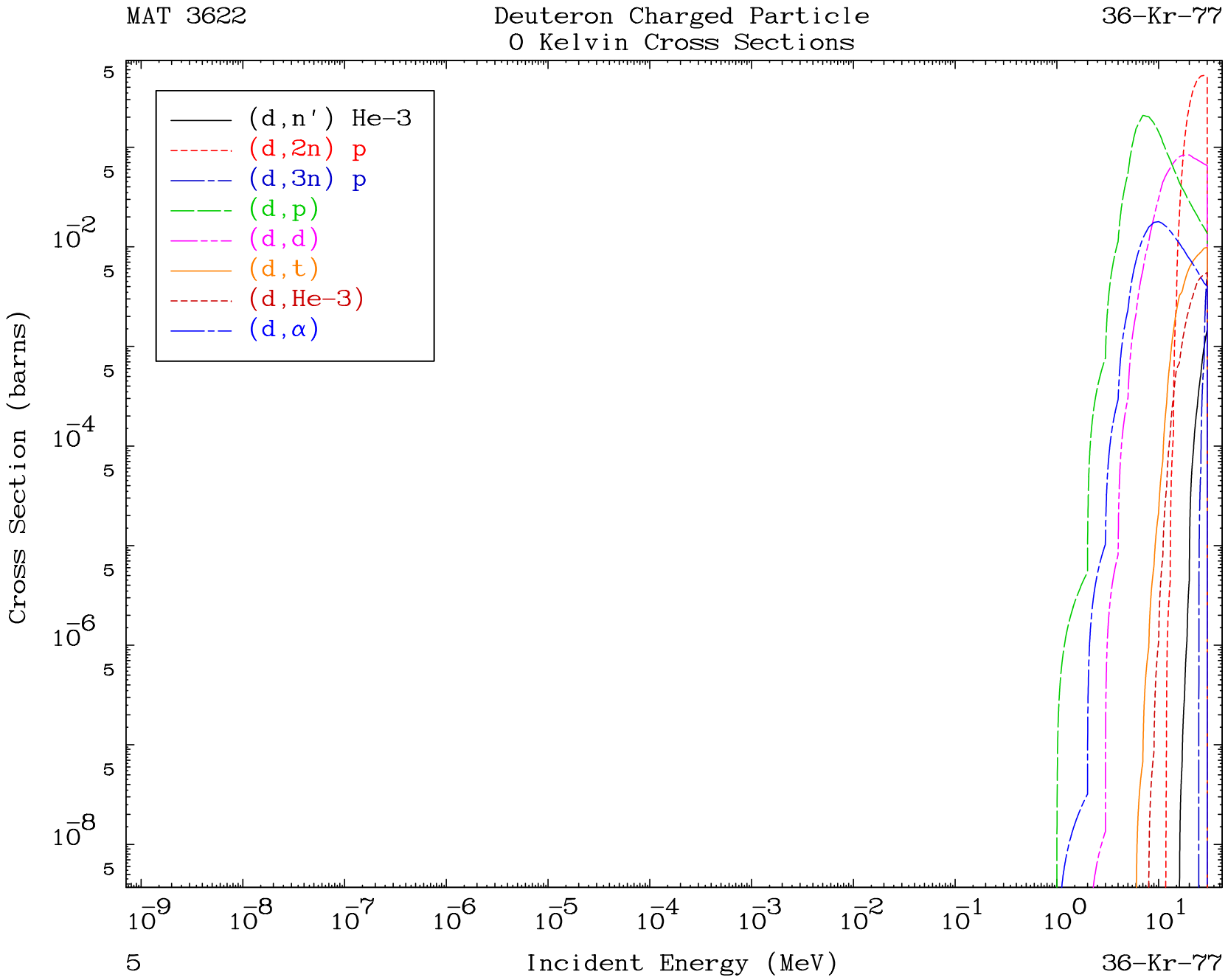
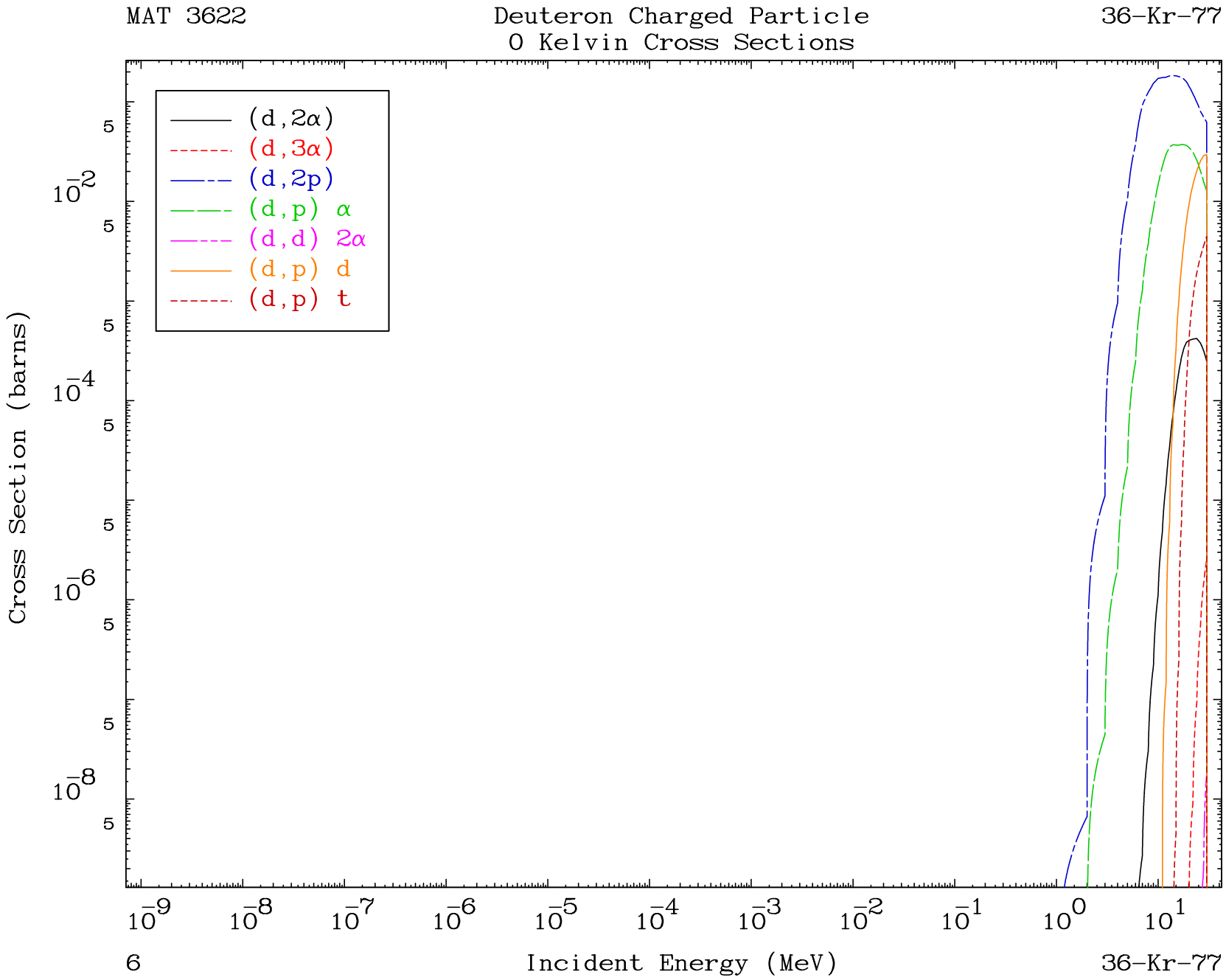

MAT 3622
Deuteron Major
36-Kr-77
0 Kelvin Cross Sections
Deuteron Inelastic
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-77

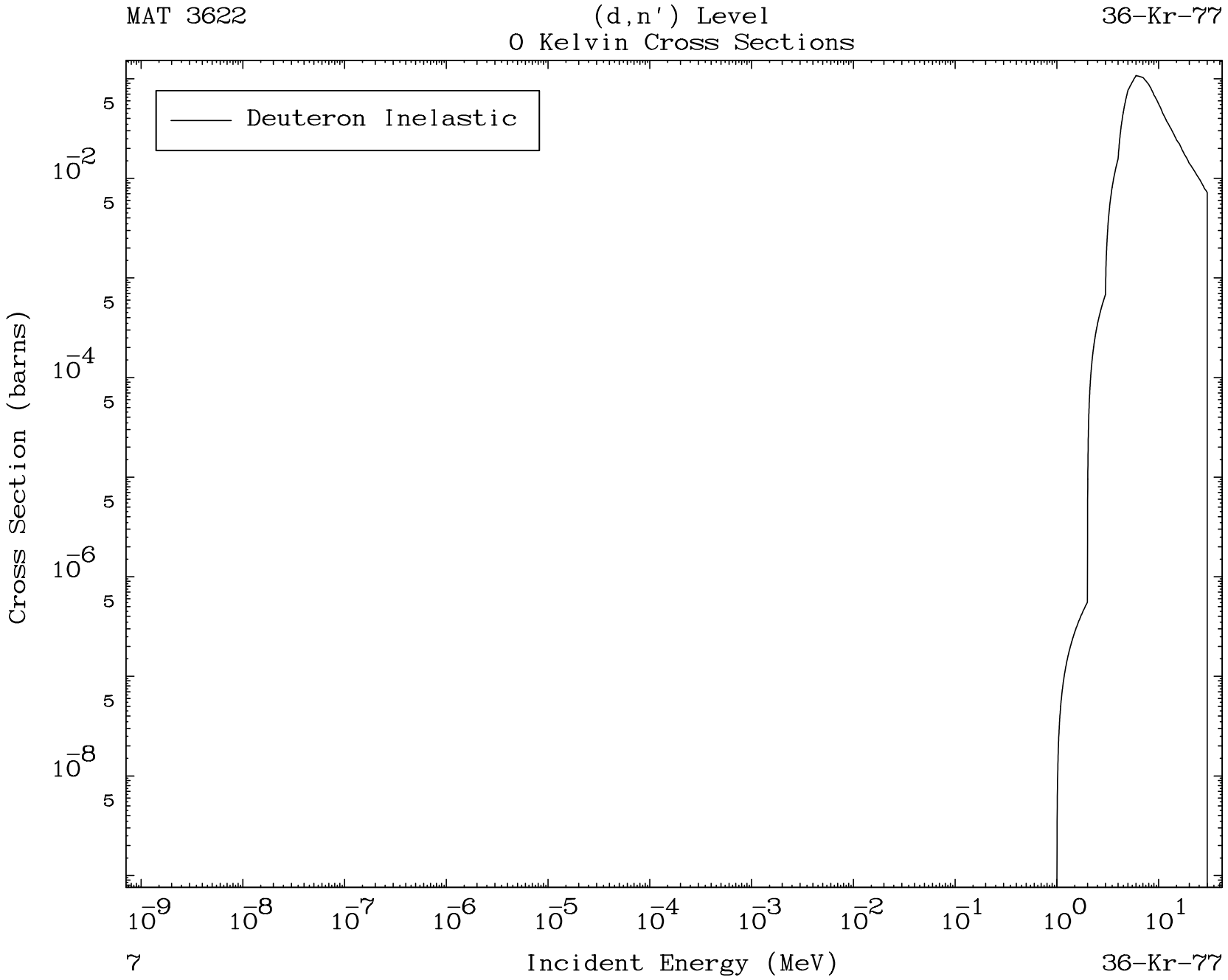

MAT 3622
Deuteron Neutron Production
0 Kelvin Cross Sections
36-Kr-77
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
36-Kr-77
2

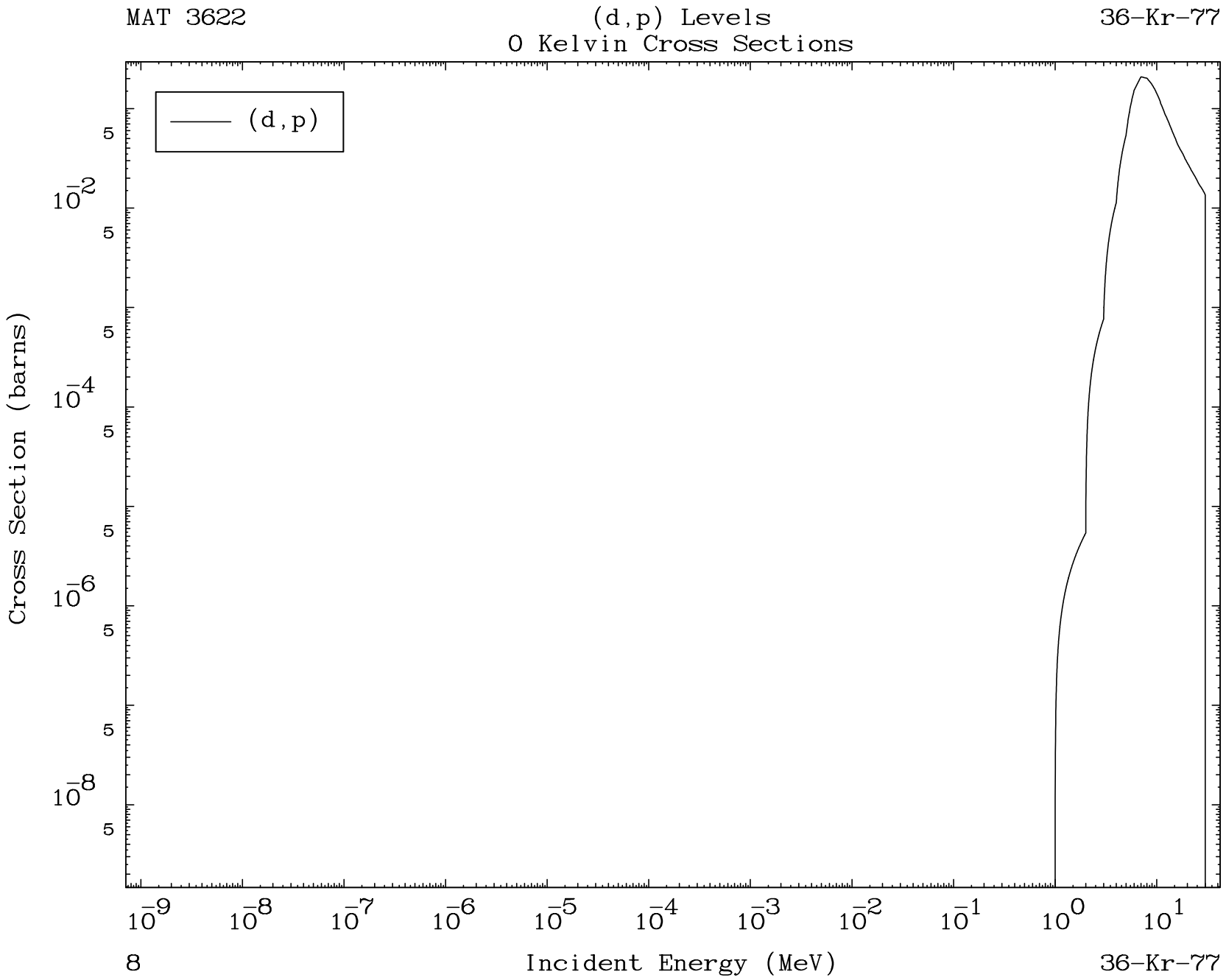

MAT 3622
Deuteron Neutron Production
0 Kelvin Cross Sections
36-Kr-77
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10
15
20
25
30
3
Incident Energy (MeV)
36-Kr-77

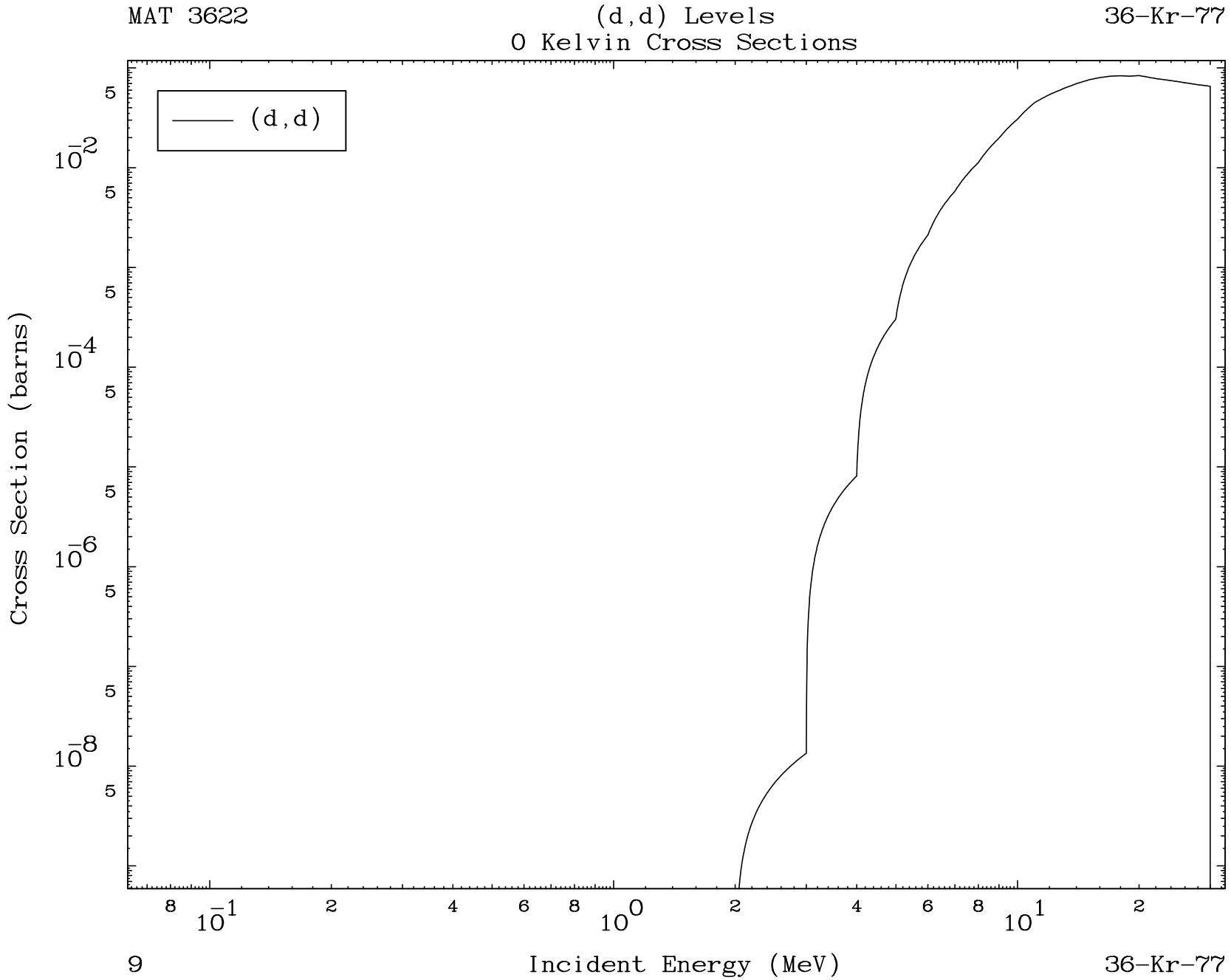

MAT 3622
Deuteron Charged Particle
0 Kelvin Cross Sections
36-Kr-77
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^1
2
3
Incident Energy (MeV)
4
36-Kr-77

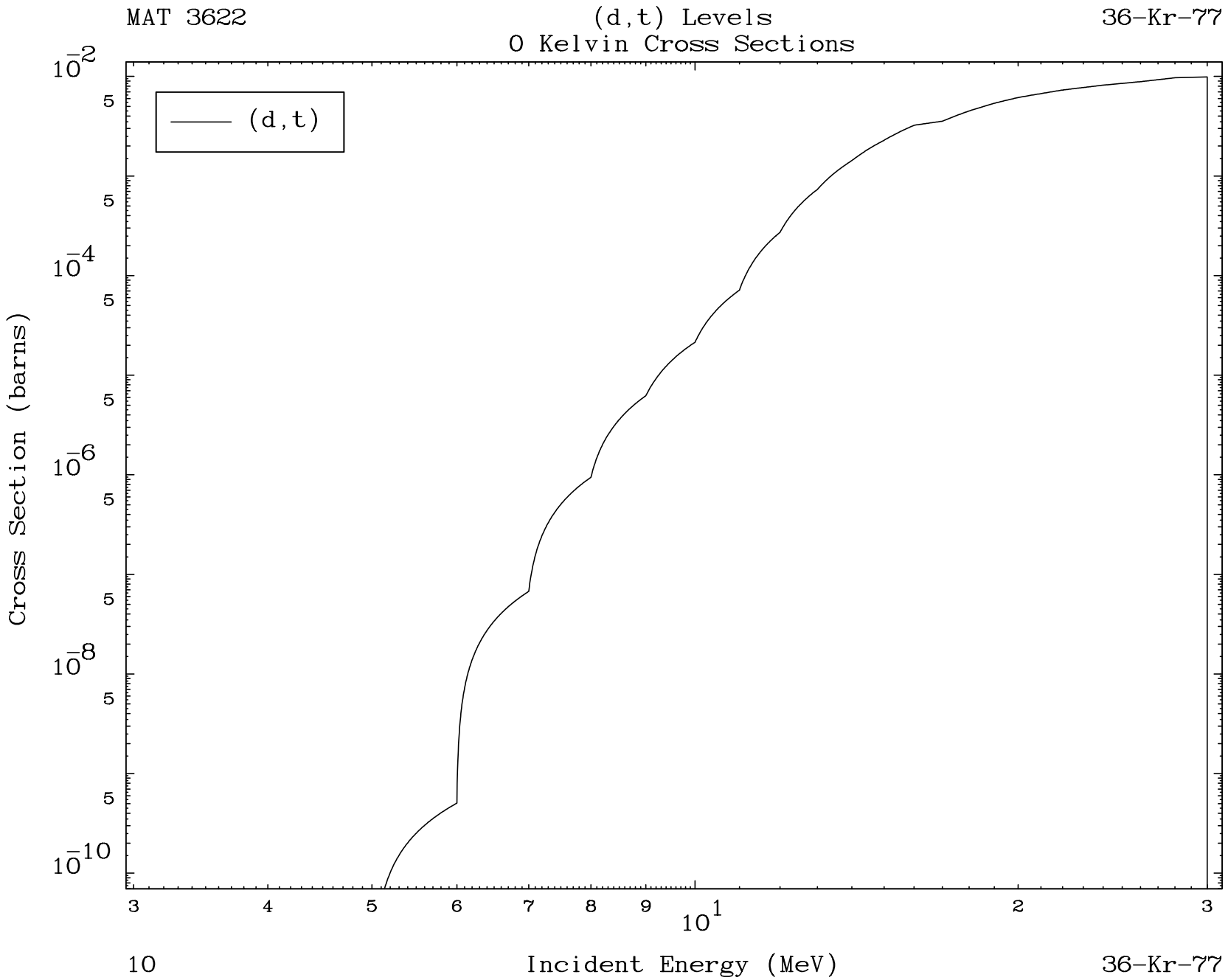

MAT 3622
Deuteron Charged Particle
0 Kelvin Cross Sections
36-Kr-77
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-77

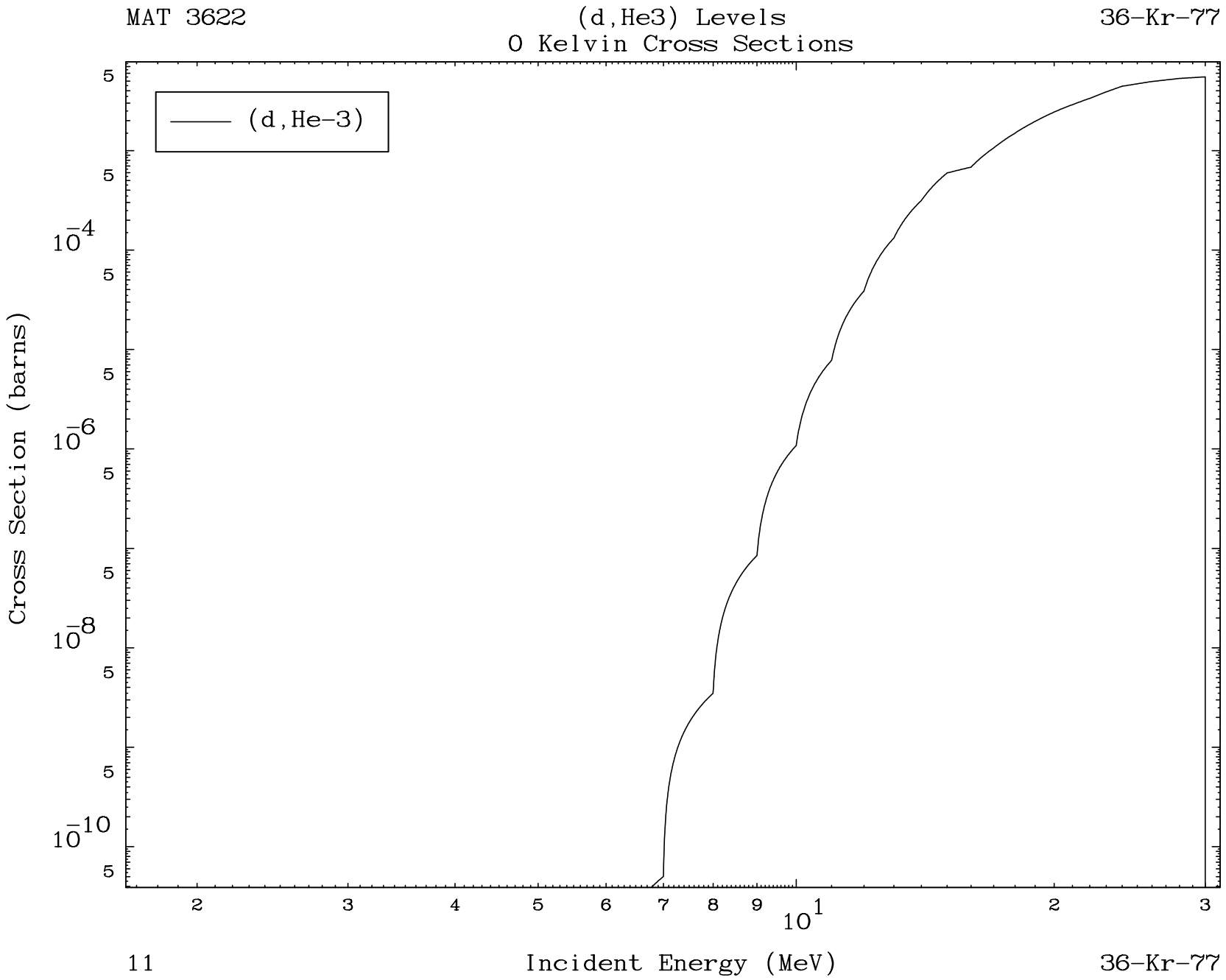

MAT 3622
Deuteron Charged Particle
0 Kelvin Cross Sections
36-Kr-77
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,d) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
6
36-Kr-77

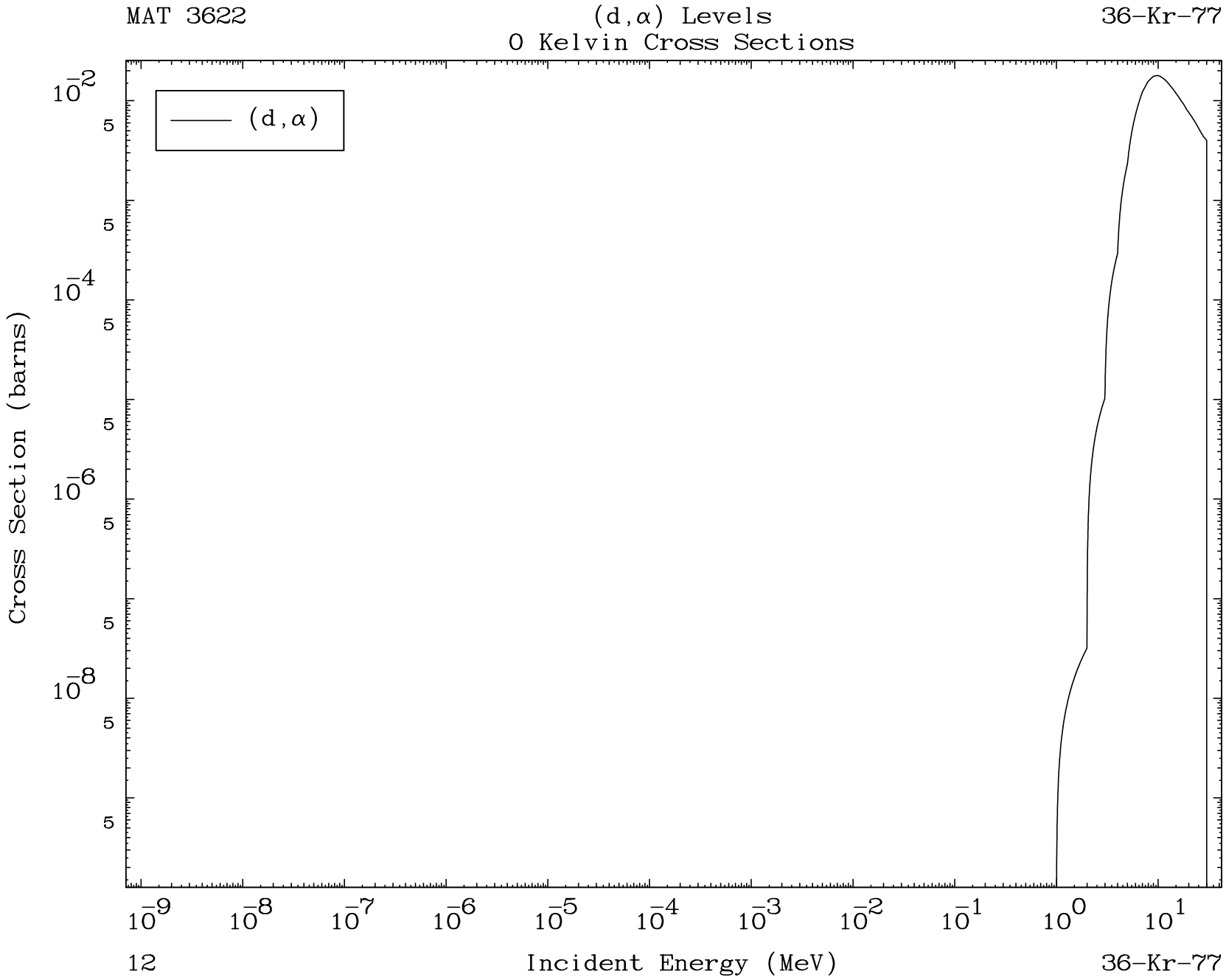

MAT 3622
(d,n') Level
36-Kr-77
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
10-9
10-8
10-7
10-6
10-5
10-4
10-3
10-2
10-1
100
101
Incident Energy (MeV)
7
36-Kr-77

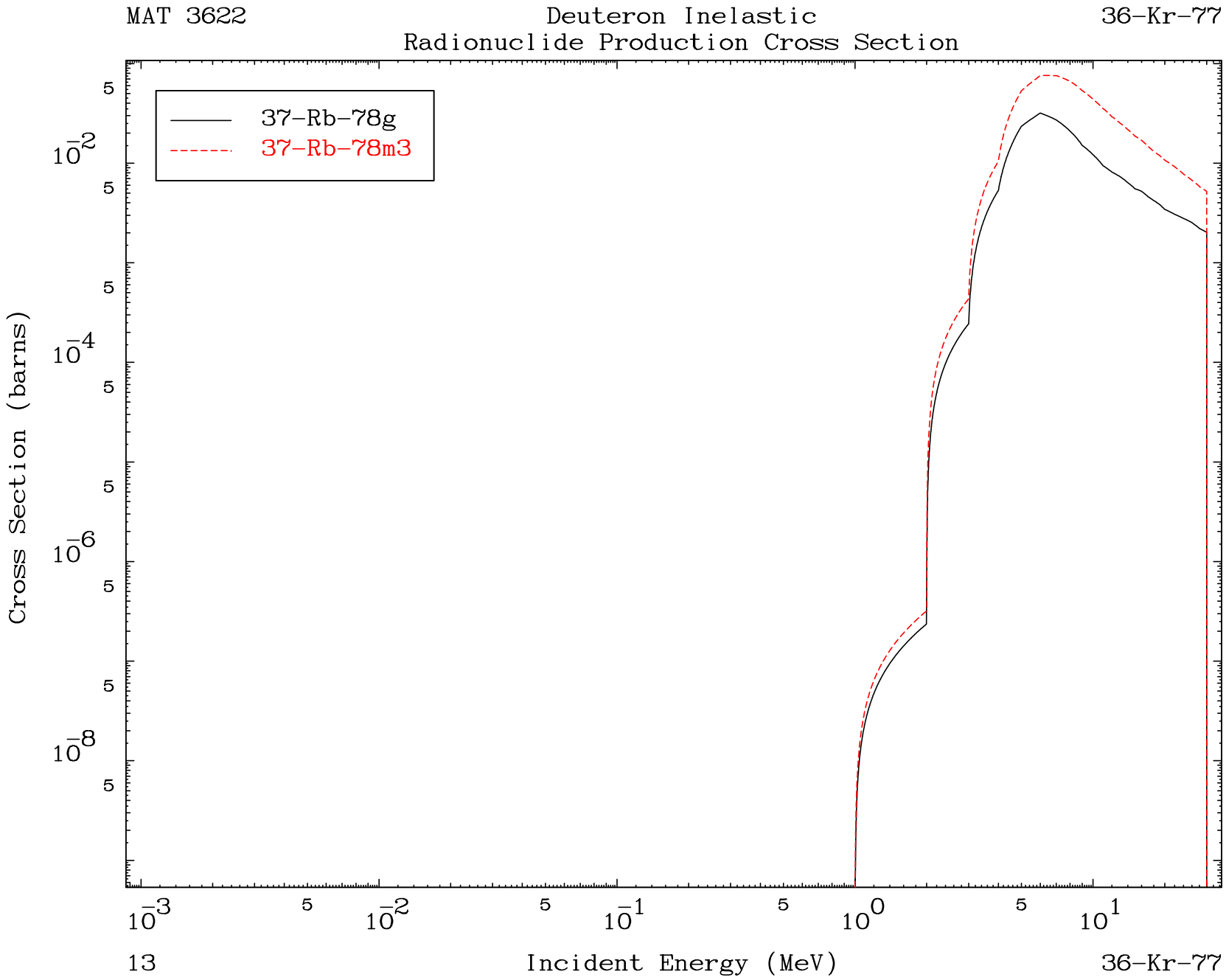

MAT 3622
(d,p) Levels
36-Kr-77
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-77

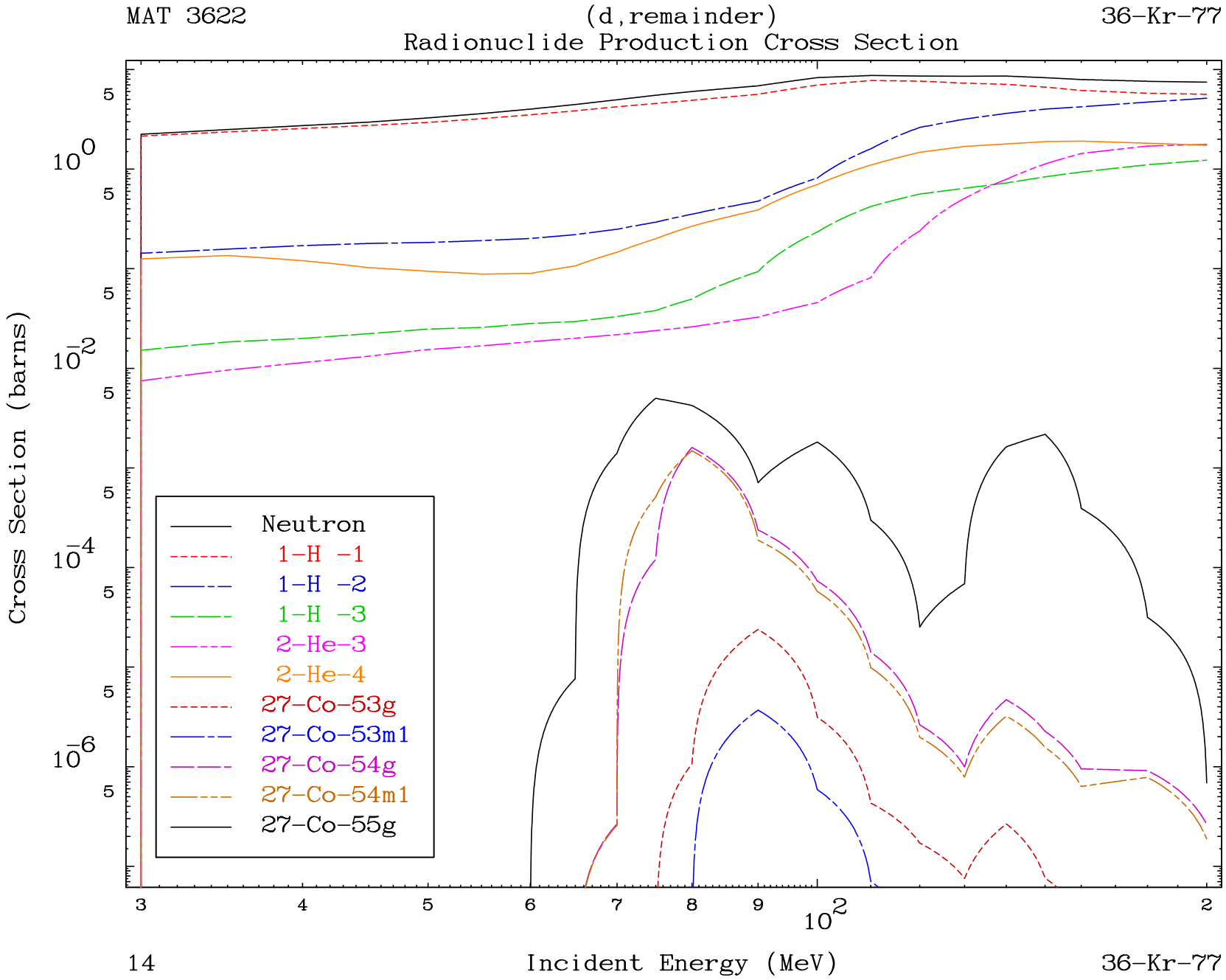

MAT 3622
(d,d) Levels
36-Kr-77
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-77

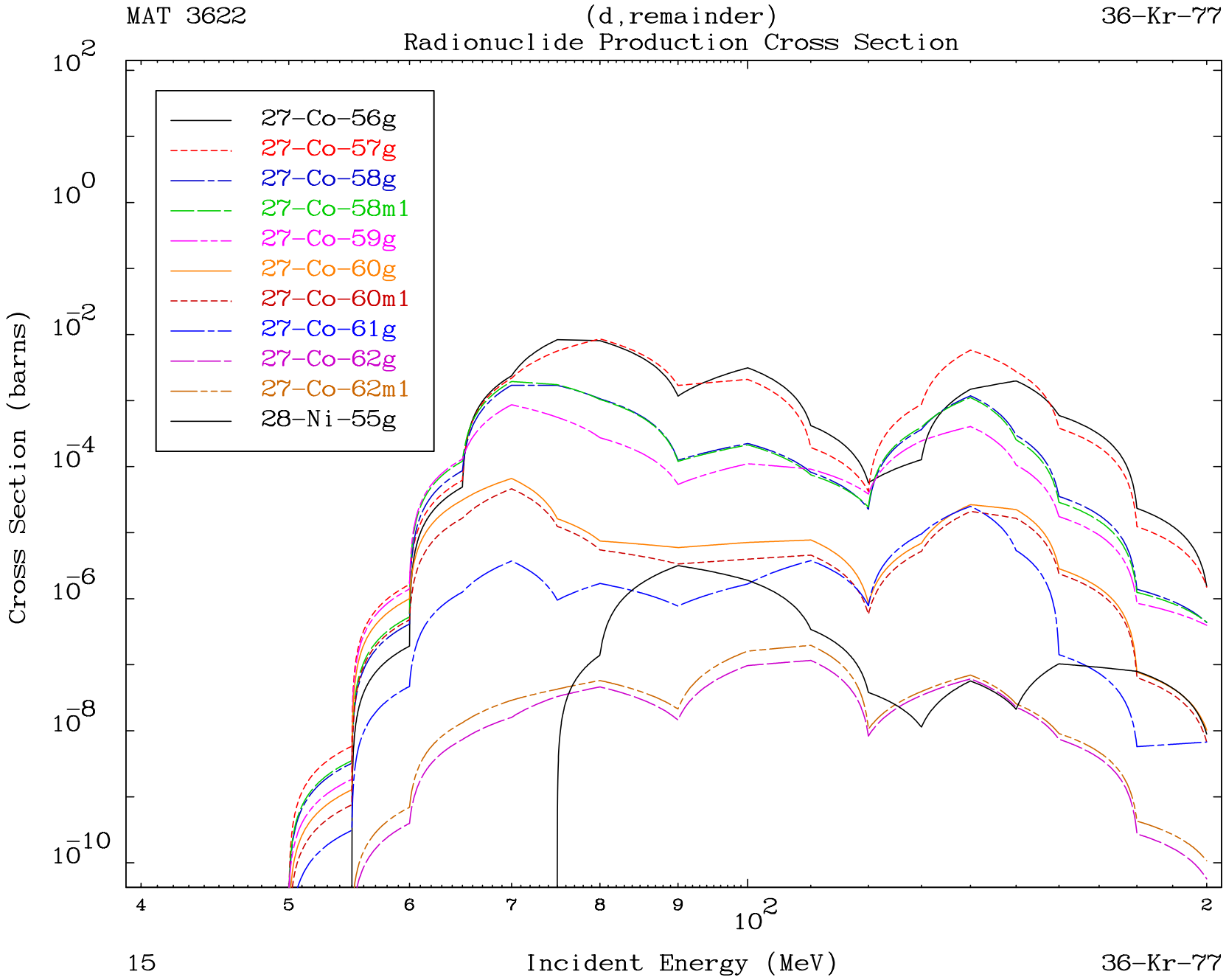

MAT 3622
(d,t) Levels
36-Kr-77
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
10^-2
5
10^-4
5
10^-6
5
10^-8
5
10^-10
3
4
5
6
7
8
9
10^1
2
3
10
Incident Energy (MeV)
36-Kr-77

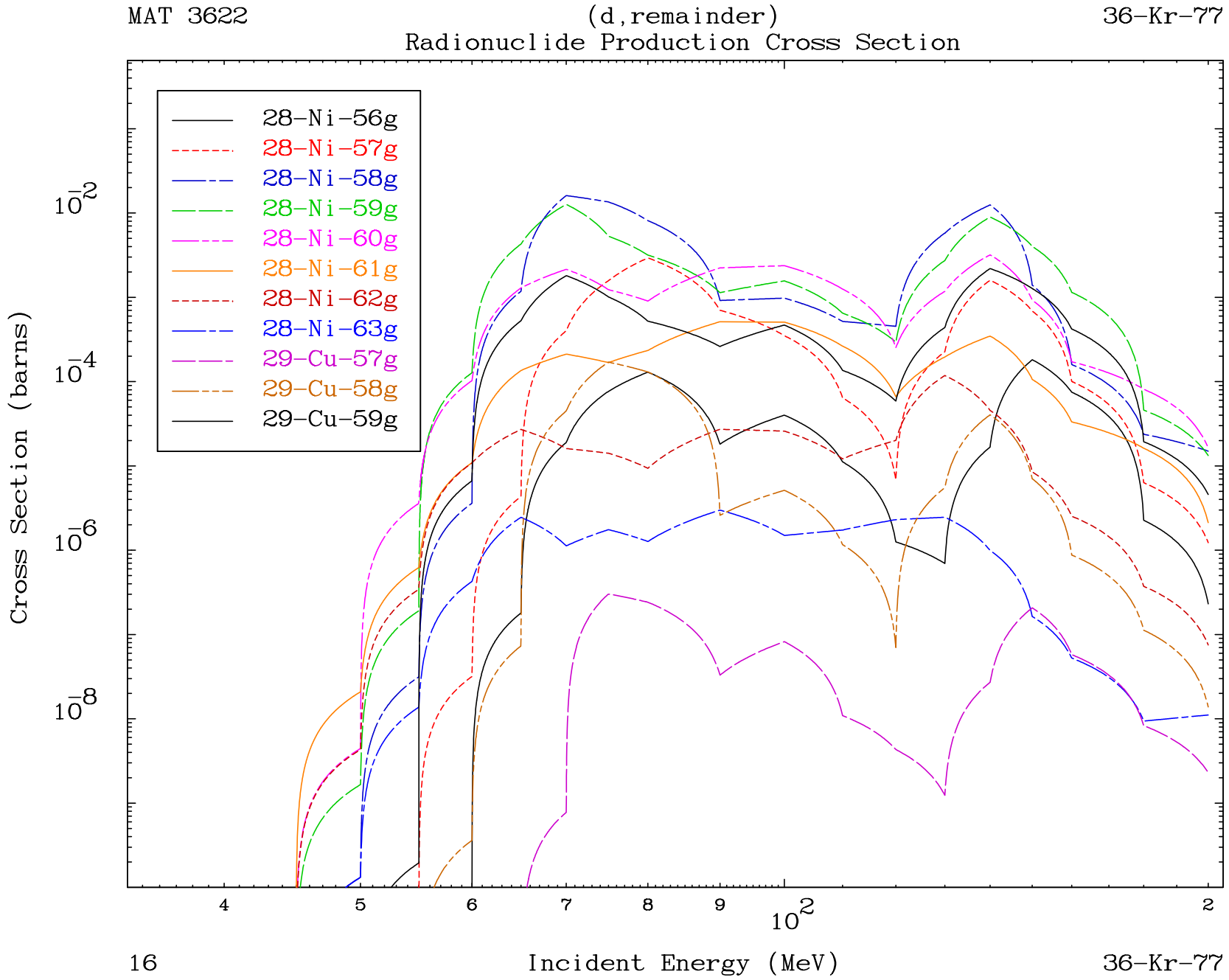

MAT 3622
(d,He3) Levels
36-Kr-77
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
11
36-Kr-77

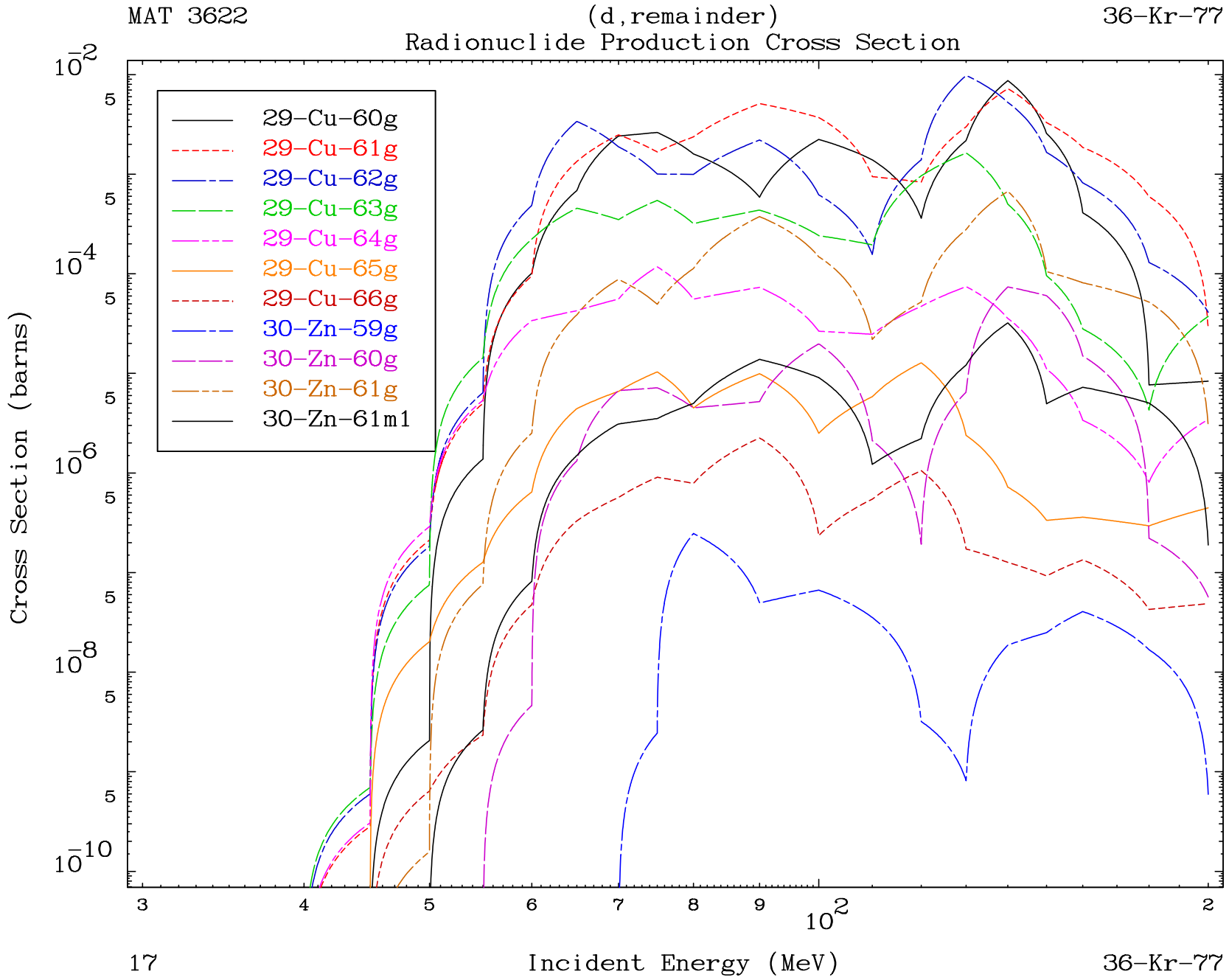

MAT 3622
(d,α) Levels
36-Kr-77
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
12
36-Kr-77

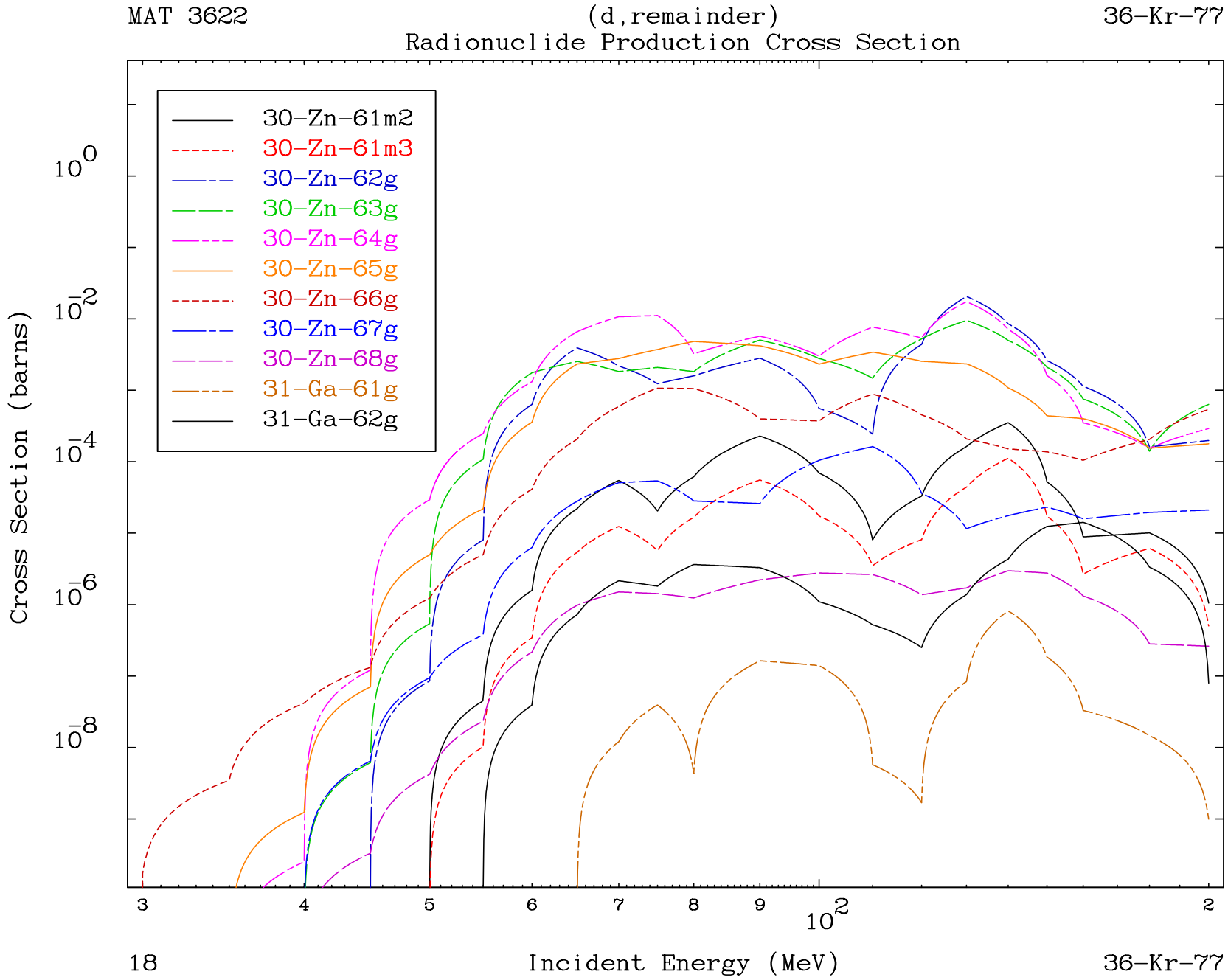

MAT 3622
Deuteron Inelastic
Radionuclide Production Cross Section
36-Kr-77
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
13
36-Kr-77

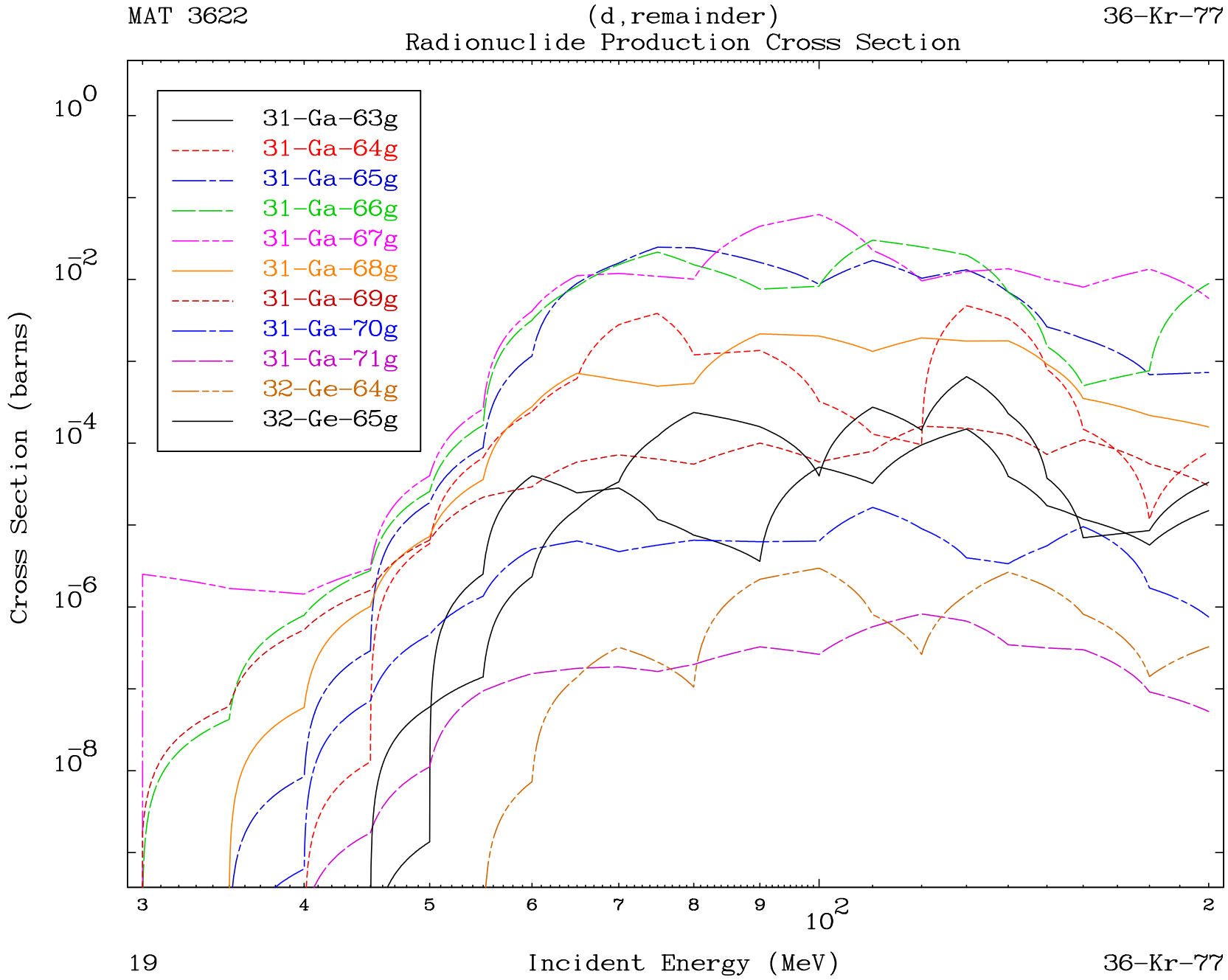

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
Neutron
1-H -1
1-H -2
1-H -3
2-He-3
2-He-4
27-Co-53g
27-Co-53m1
27-Co-54g
27-Co-54m1
27-Co-55g
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
36-Kr-77

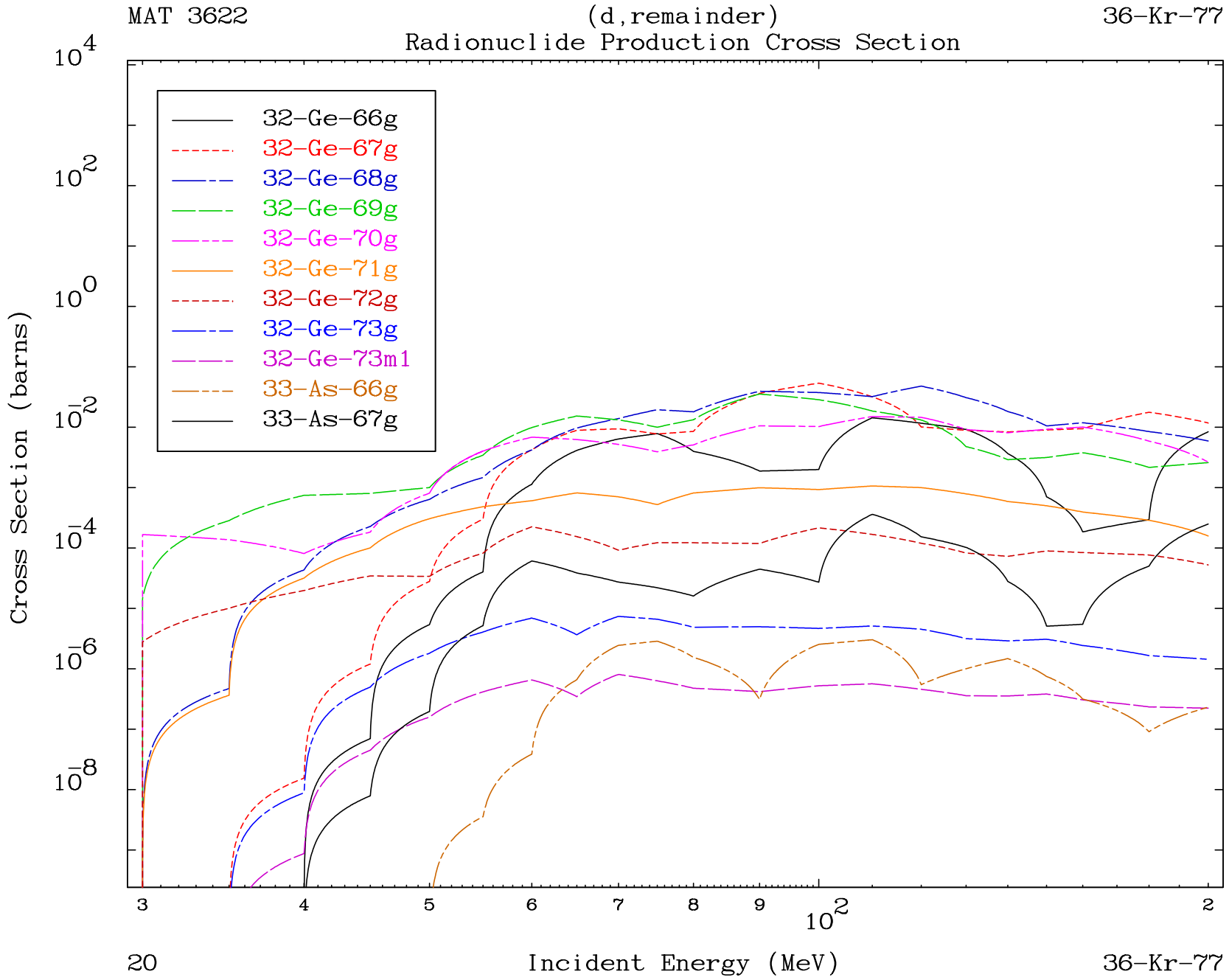

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
27-Co-56g
27-Co-57g
27-Co-58g
27-Co-58m1
27-Co-59g
27-Co-60g
27-Co-60m1
27-Co-61g
27-Co-62g
27-Co-62m1
28-Ni-55g
Cross Section (barns)
Incident Energy (MeV)
15
36-Kr-77

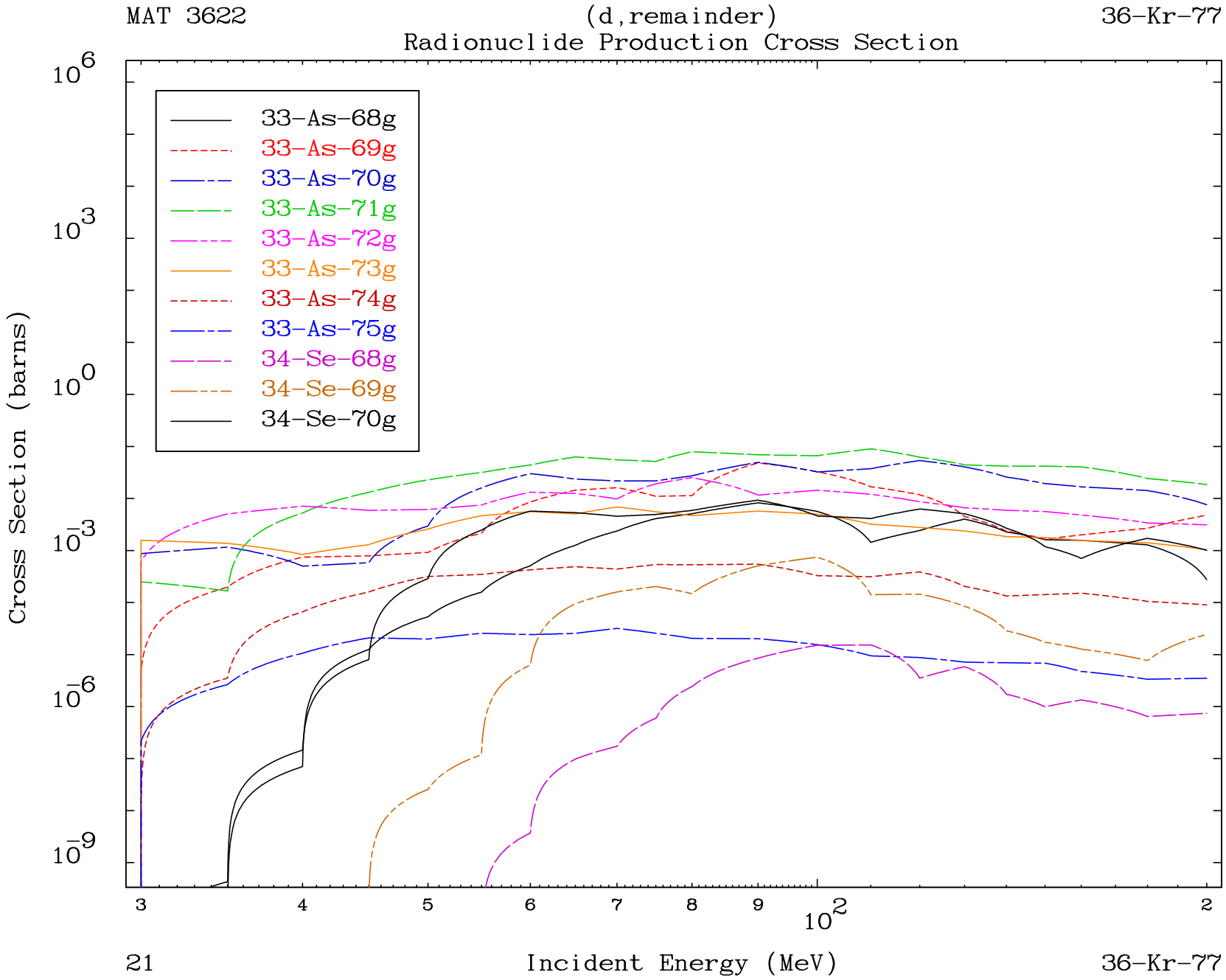

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
28-Ni-56g
28-Ni-57g
28-Ni-58g
28-Ni-59g
28-Ni-60g
28-Ni-61g
28-Ni-62g
28-Ni-63g
29-Cu-57g
29-Cu-58g
29-Cu-59g
Cross Section (barns)
10-2
10-4
10-6
10-8
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
36-Kr-77

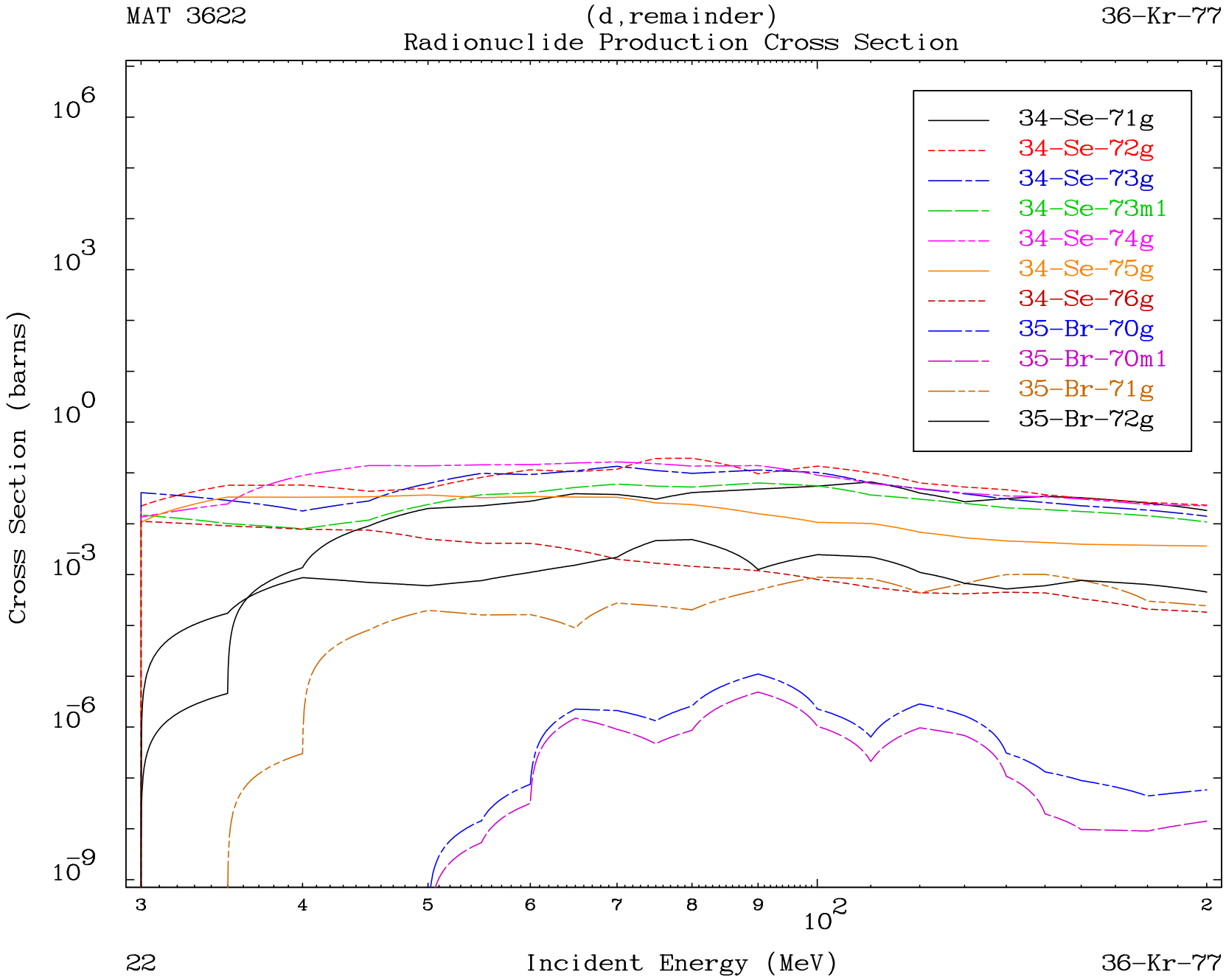

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
29-Cu-60g
29-Cu-61g
29-Cu-62g
29-Cu-63g
29-Cu-64g
29-Cu-65g
29-Cu-66g
30-Zn-59g
30-Zn-60g
30-Zn-61g
30-Zn-61m1
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-77

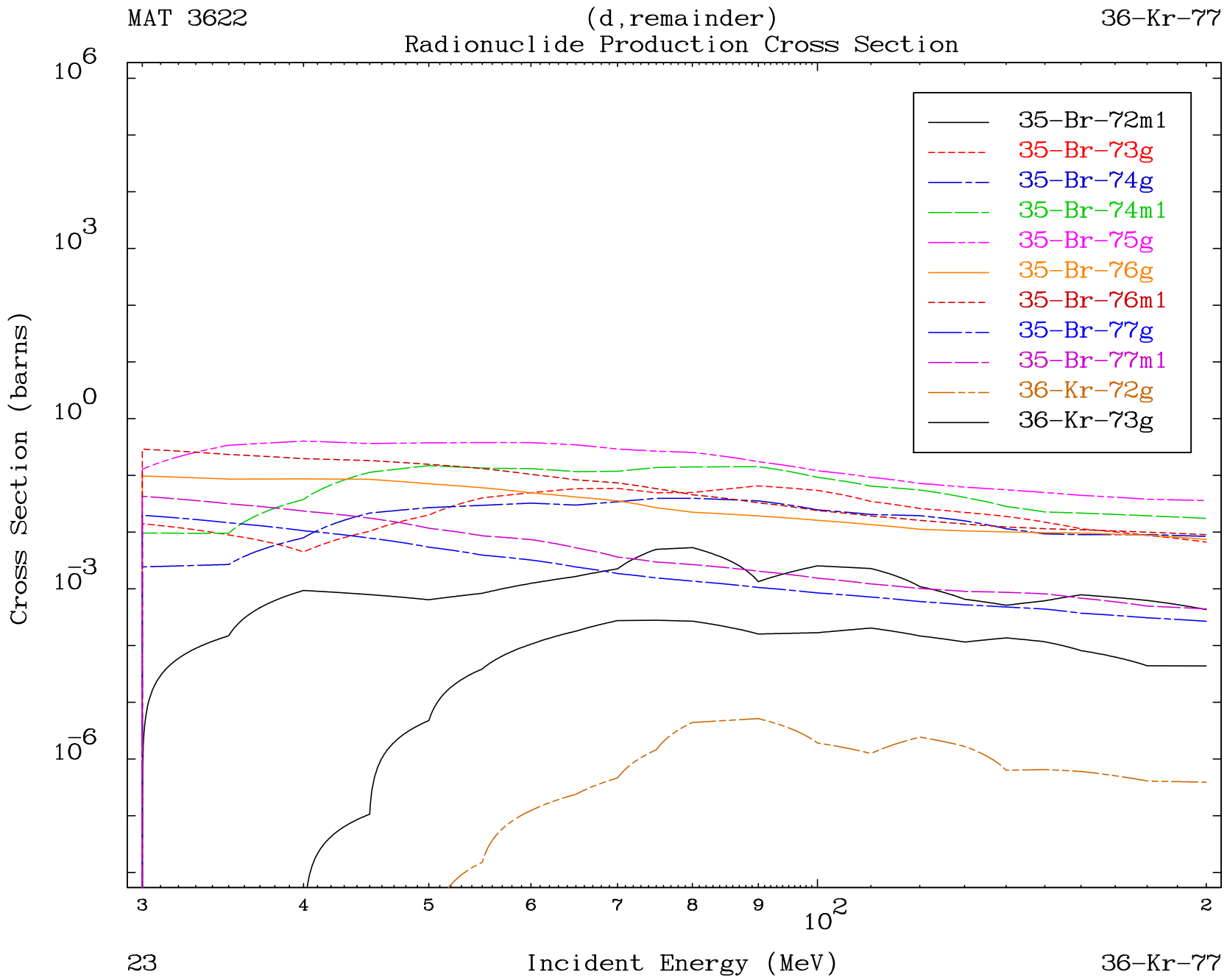

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
30-Zn-61m2
30-Zn-61m3
30-Zn-62g
30-Zn-63g
30-Zn-64g
30-Zn-65g
30-Zn-66g
30-Zn-67g
30-Zn-68g
31-Ga-61g
31-Ga-62g
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
36-Kr-77

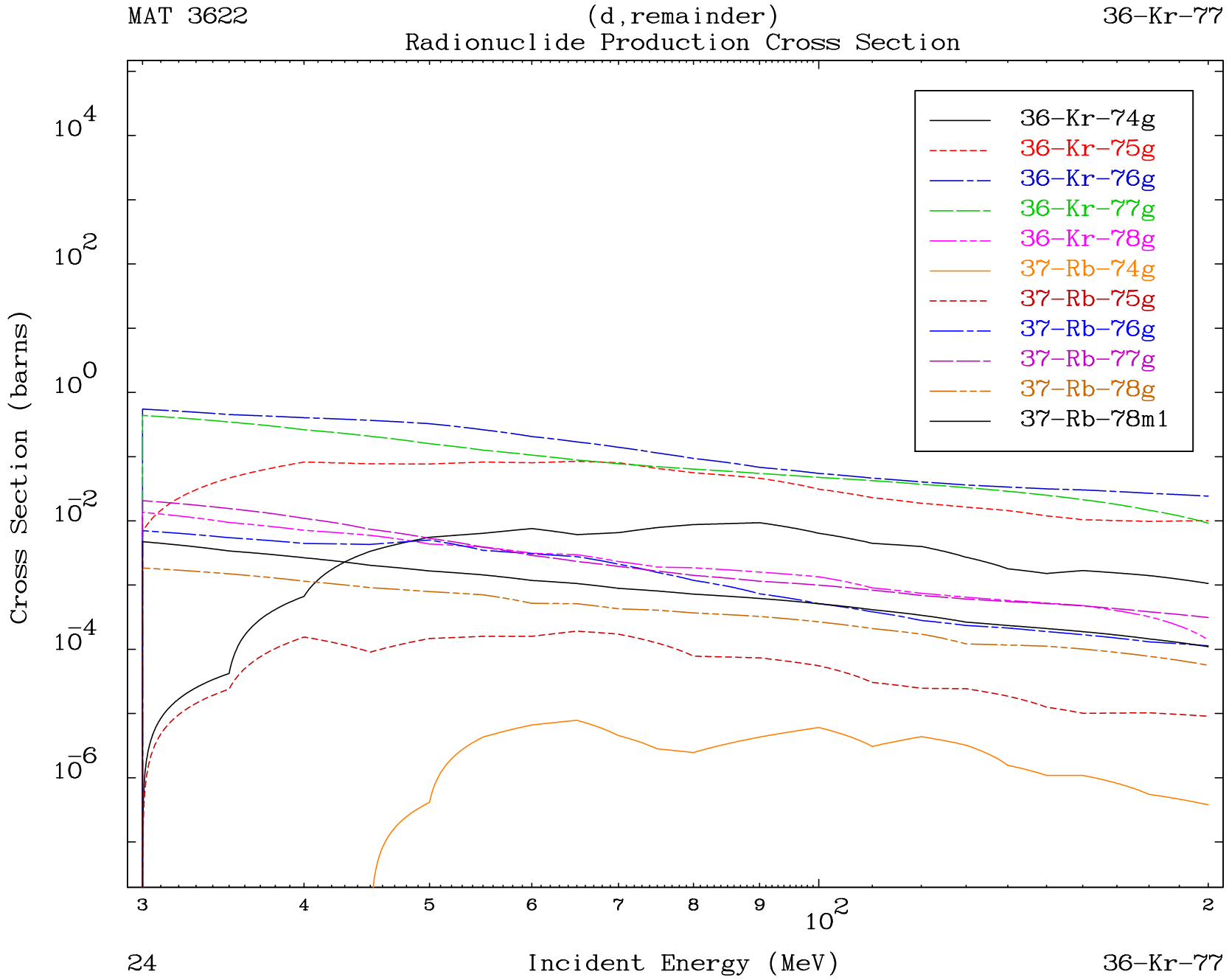

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
31-Ga-63g
31-Ga-64g
31-Ga-65g
31-Ga-66g
31-Ga-67g
31-Ga-68g
31-Ga-69g
31-Ga-70g
31-Ga-71g
32-Ge-64g
32-Ge-65g
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
36-Kr-77

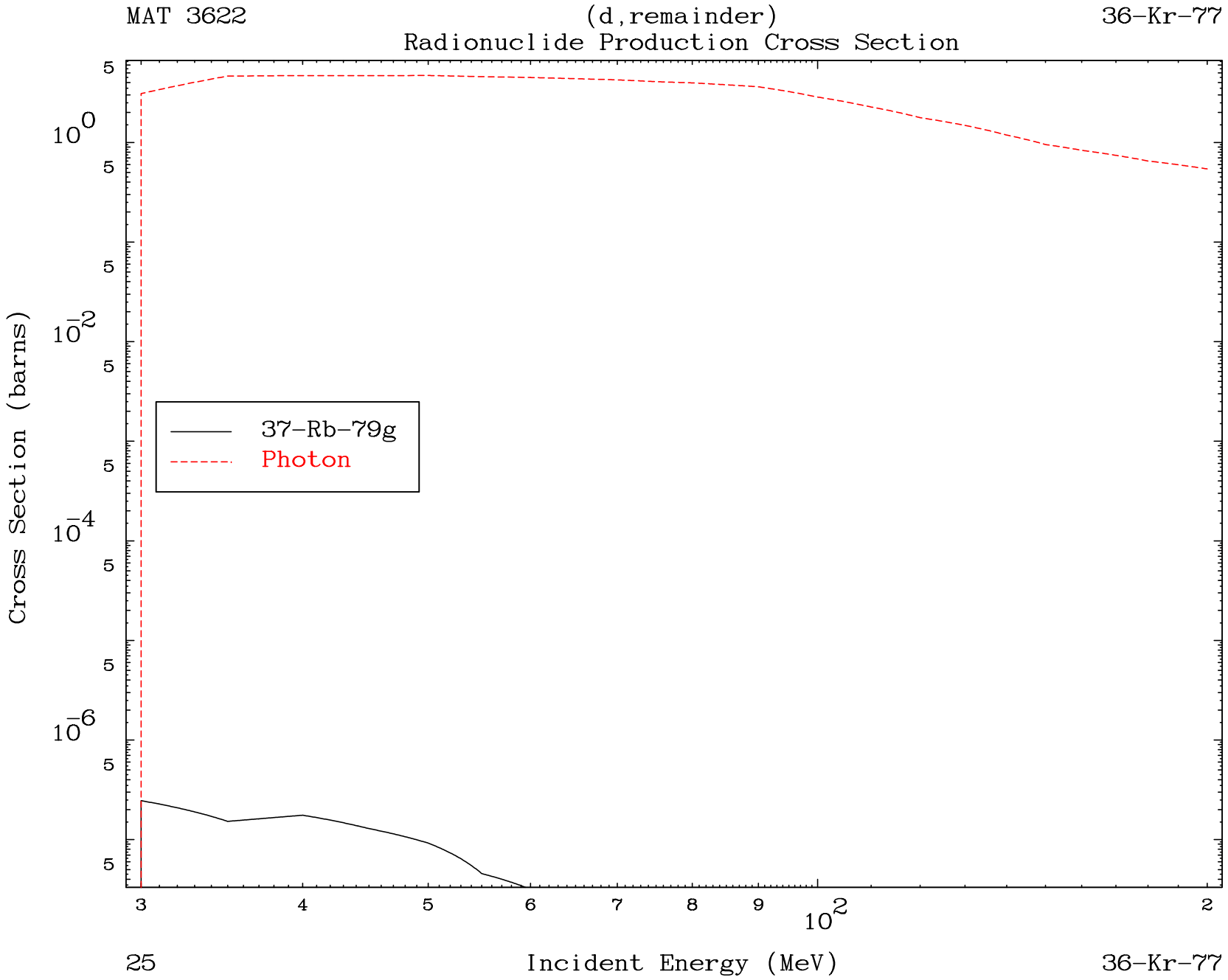

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
32-Ge-66g
32-Ge-67g
32-Ge-68g
32-Ge-69g
32-Ge-70g
32-Ge-71g
32-Ge-72g
32-Ge-73g
32-Ge-73m1
33-As-66g
33-As-67g
Cross Section (barns)
Incident Energy (MeV)
20
36-Kr-77

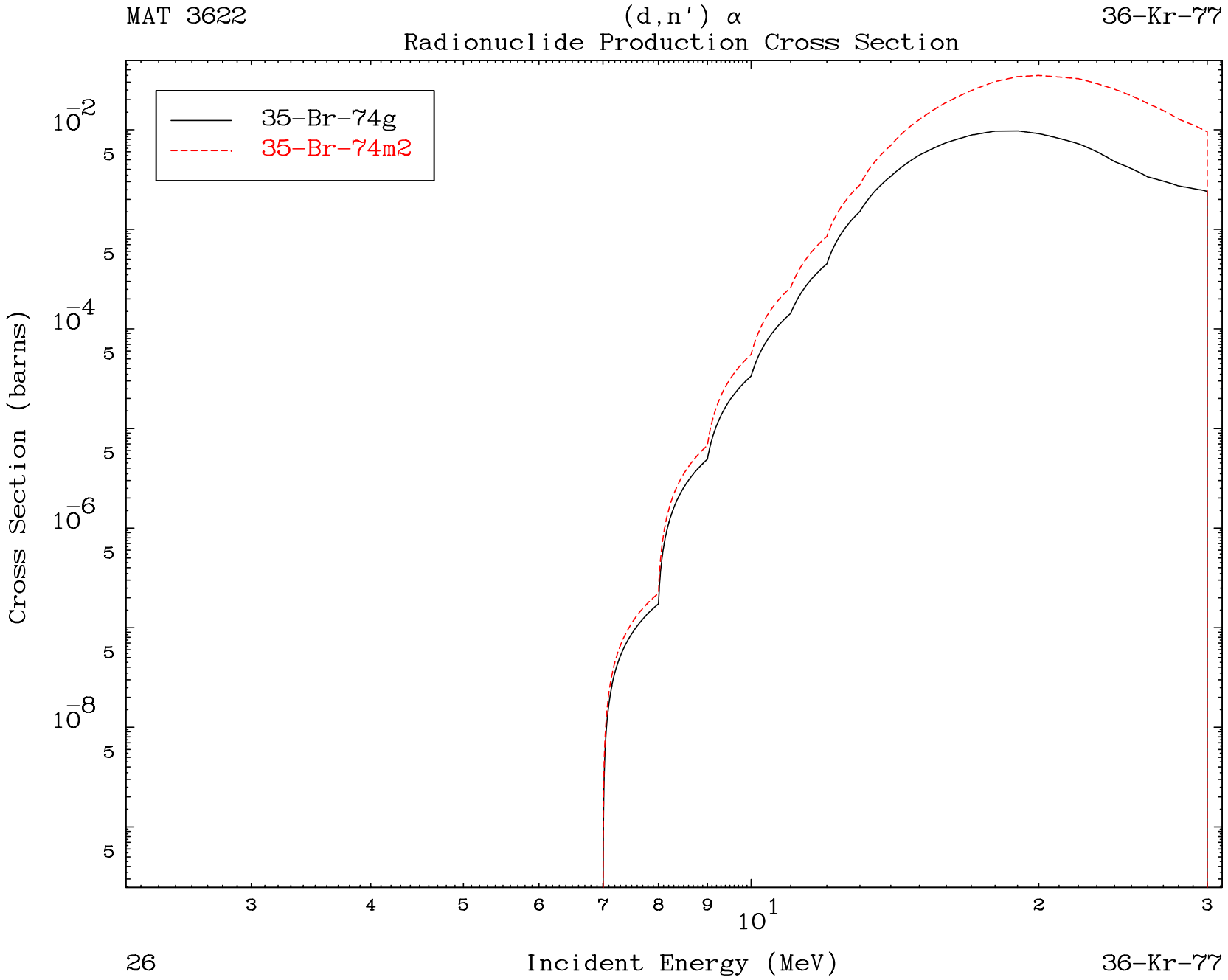

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
33-As-68g
33-As-69g
33-As-70g
33-As-71g
33-As-72g
33-As-73g
33-As-74g
33-As-75g
34-Se-68g
34-Se-69g
34-Se-70g
Cross Section (barns)
Incident Energy (MeV)
21
36-Kr-77

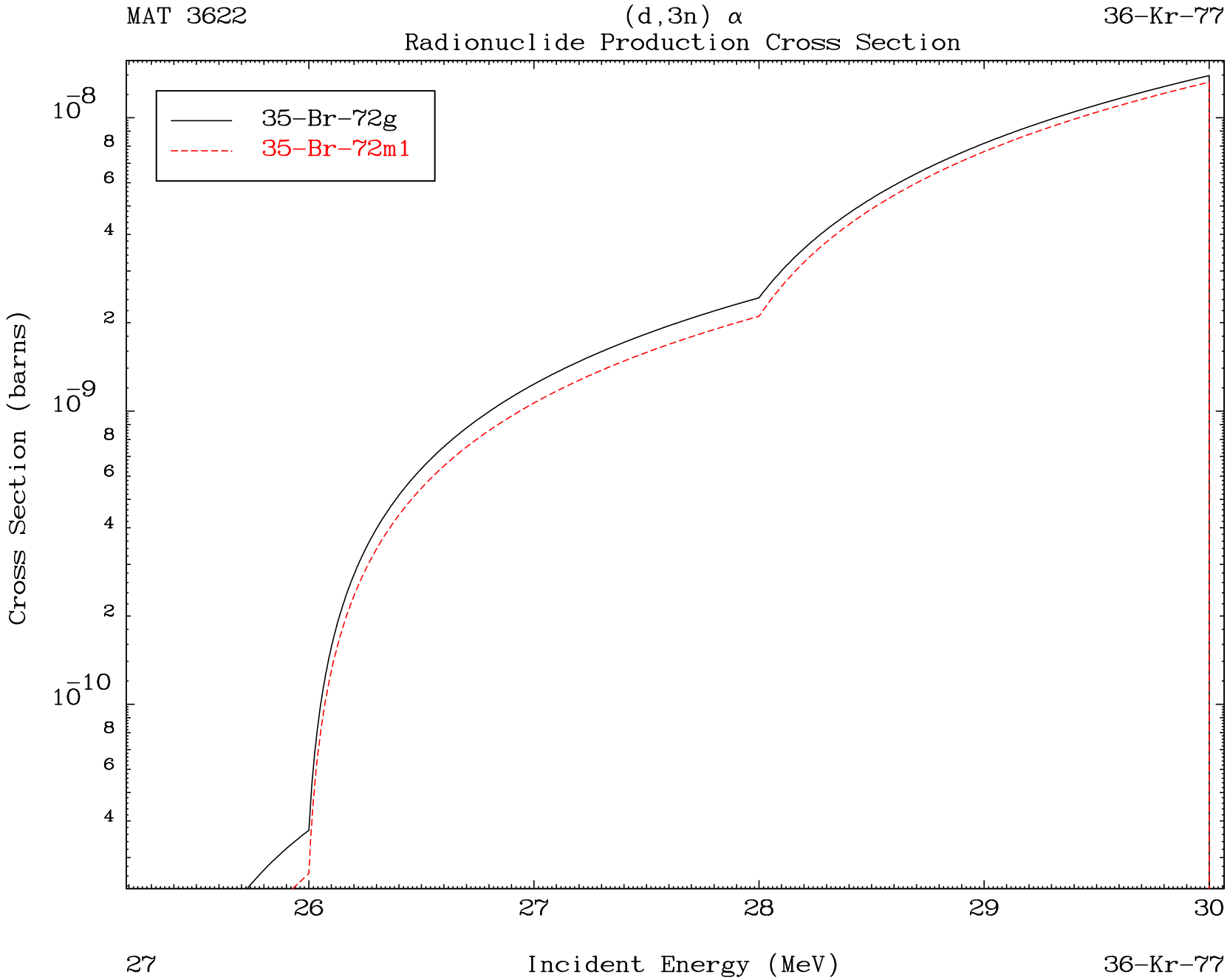

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
34-Se-71g
34-Se-72g
34-Se-73g
34-Se-73m1
34-Se-74g
34-Se-75g
34-Se-76g
35-Br-70g
35-Br-70m1
35-Br-71g
35-Br-72g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
36-Kr-77

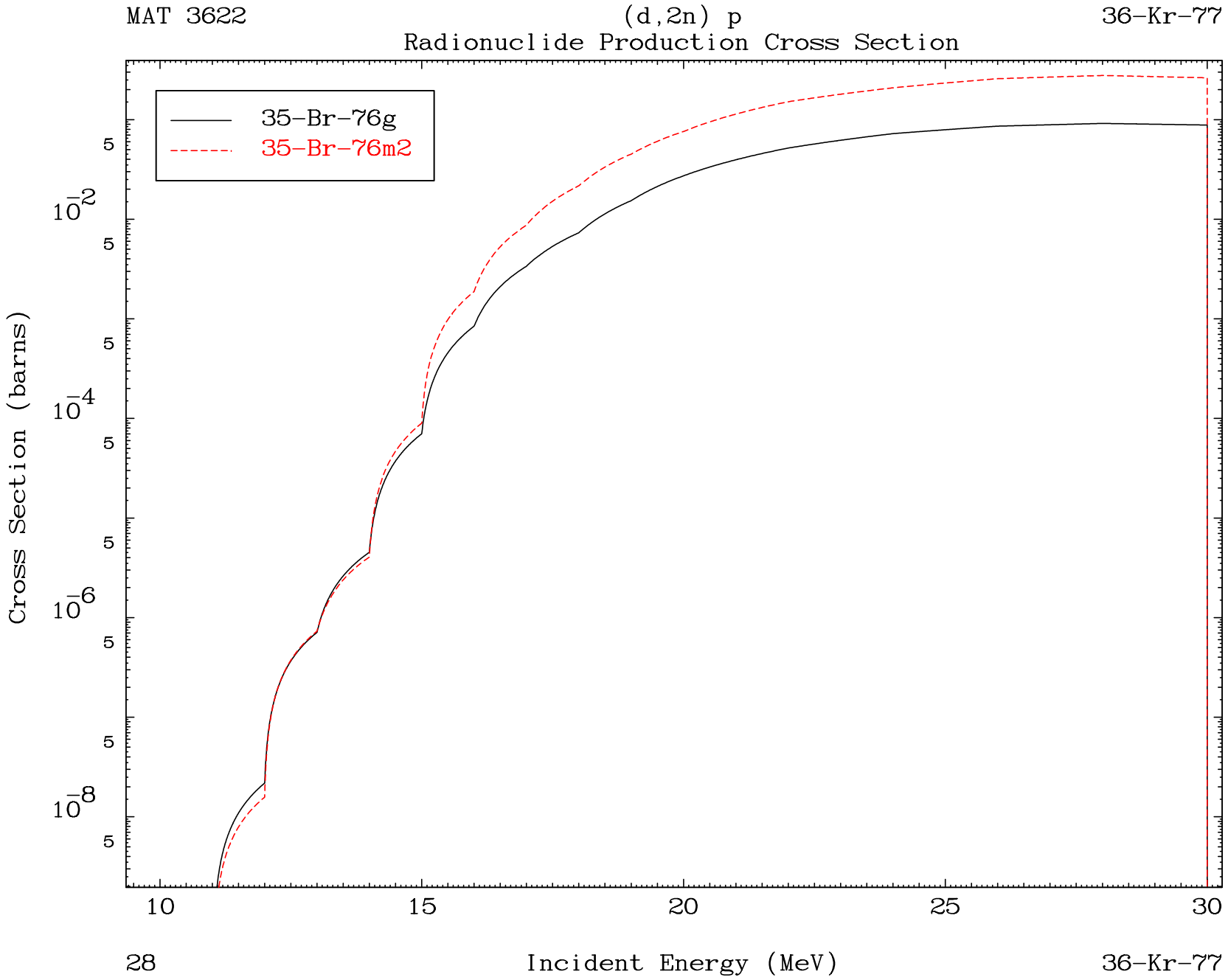

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
35-Br-72m1
35-Br-73g
35-Br-74g
35-Br-74m1
35-Br-75g
35-Br-76g
35-Br-76m1
35-Br-77g
35-Br-77m1
36-Kr-72g
36-Kr-73g
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
36-Kr-77

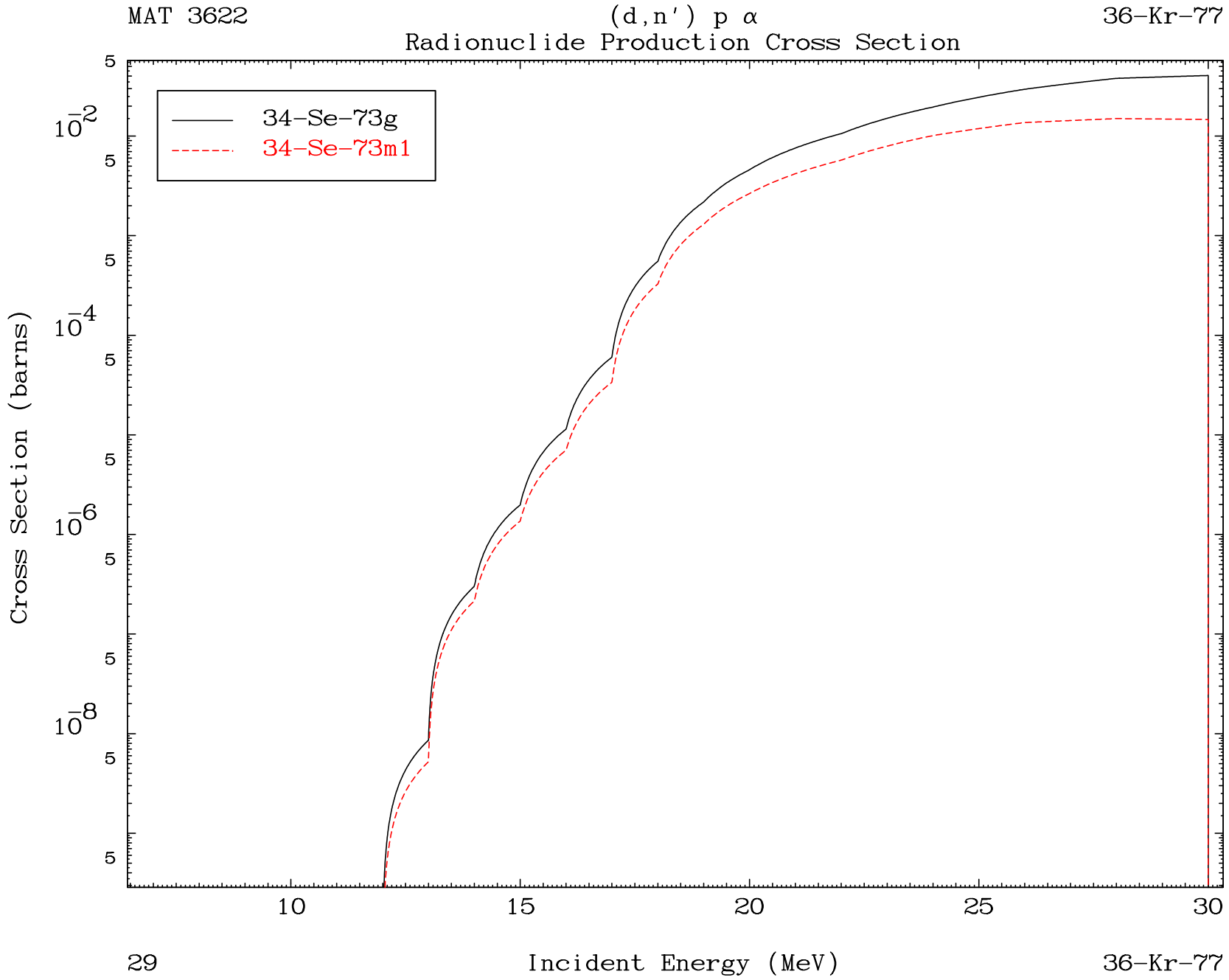

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
36-Kr-74g
36-Kr-75g
36-Kr-76g
36-Kr-77g
36-Kr-78g
37-Rb-74g
37-Rb-75g
37-Rb-76g
37-Rb-77g
37-Rb-78g
37-Rb-78m1
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
10^-6
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
36-Kr-77

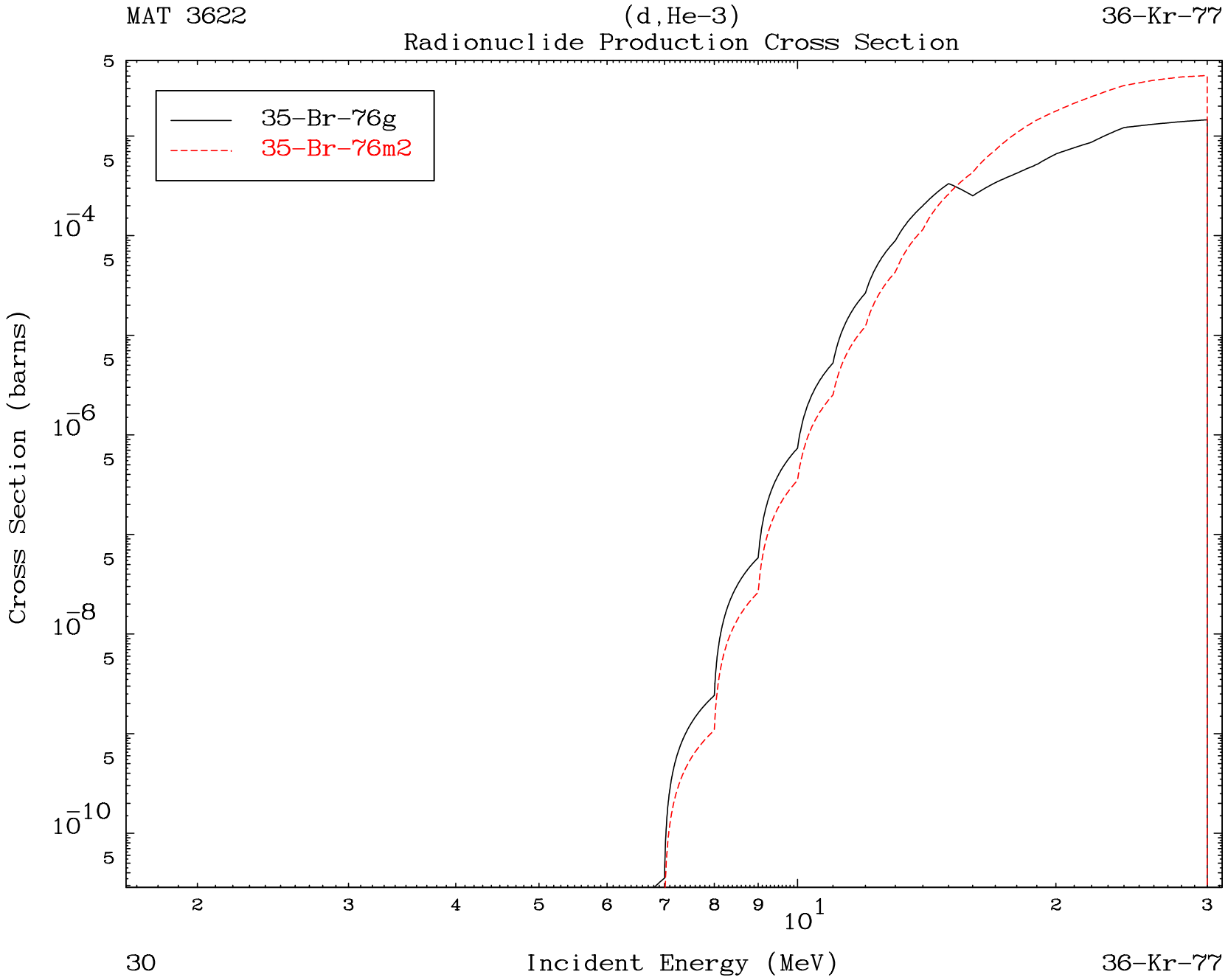

MAT 3622
(d,remainder)
36-Kr-77
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
37-Rb-79g
Photon
3
4
5
6
7
8
9
10^2
2
25
Incident Energy (MeV)
36-Kr-77

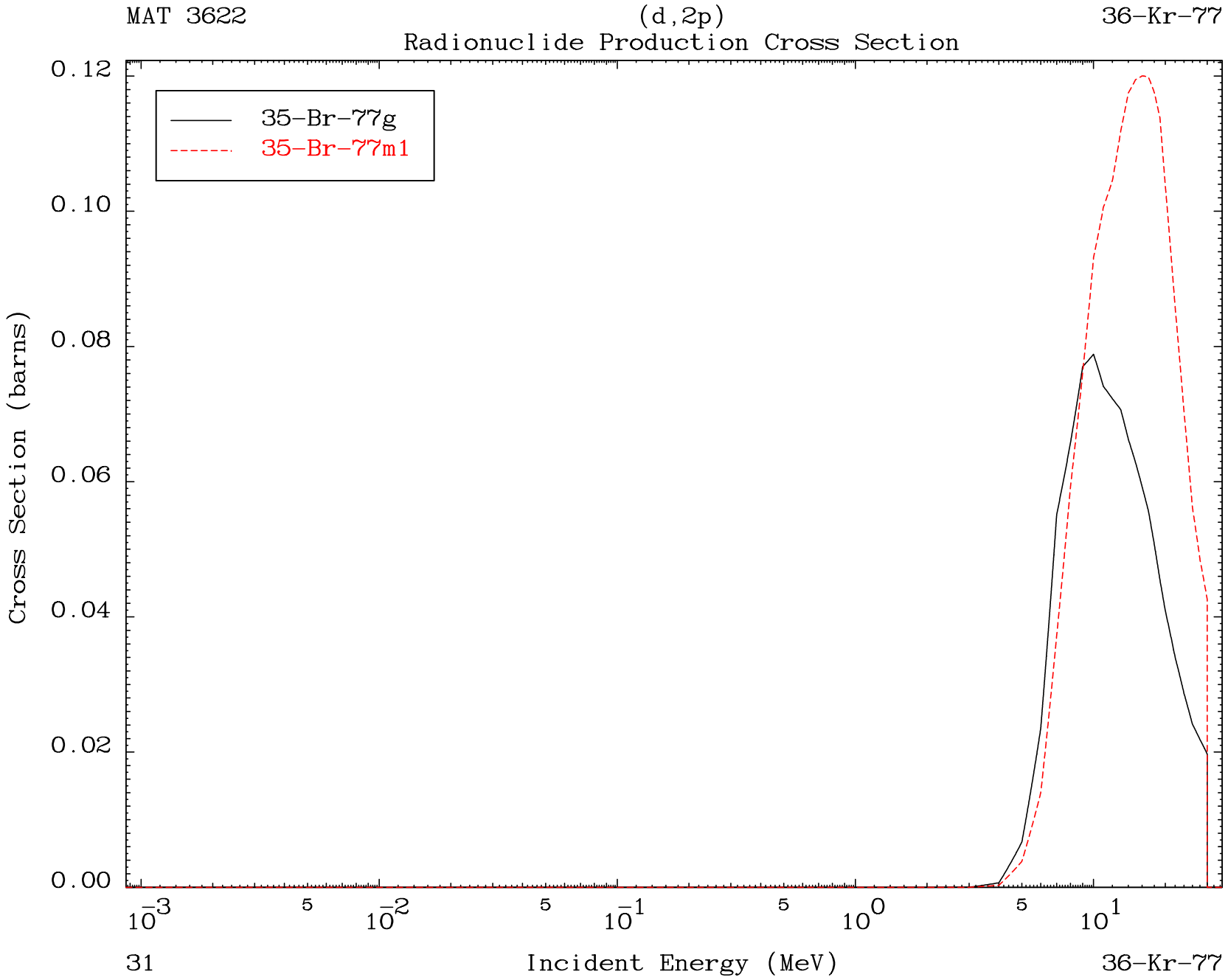

MAT 3622
(d,n') α
36-Kr-77
Radionuclide Production Cross Section
35-Br-74g
35-Br-74m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3
4
5
6
7
8
9
101
2
3
26
Incident Energy (MeV)
36-Kr-77

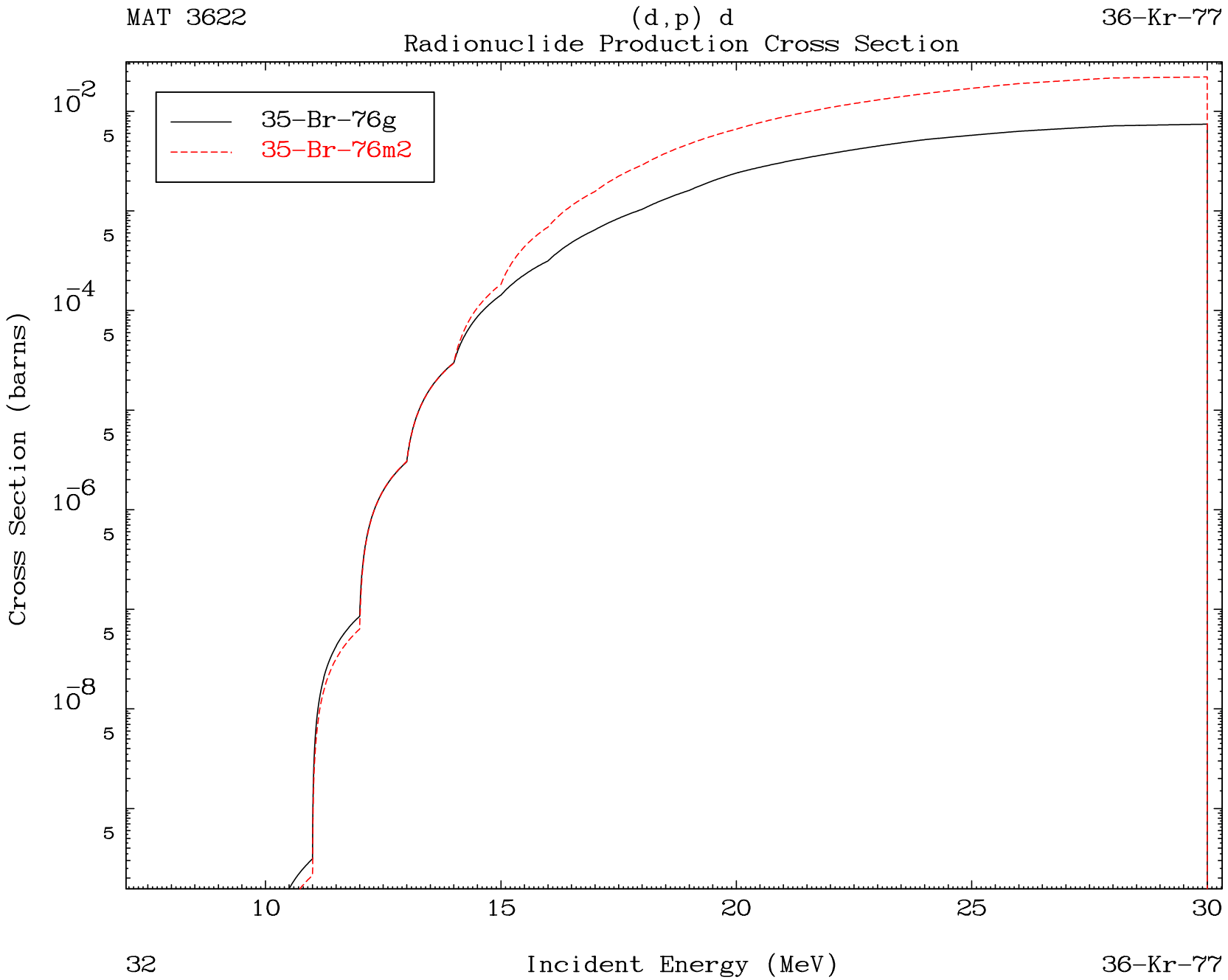

MAT 3622
(d,3n) α
36-Kr-77
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
10-8
8
6
4
2
10-9
8
6
4
2
10-10
8
6
4
26
27
28
29
30
27
Incident Energy (MeV)
36-Kr-77

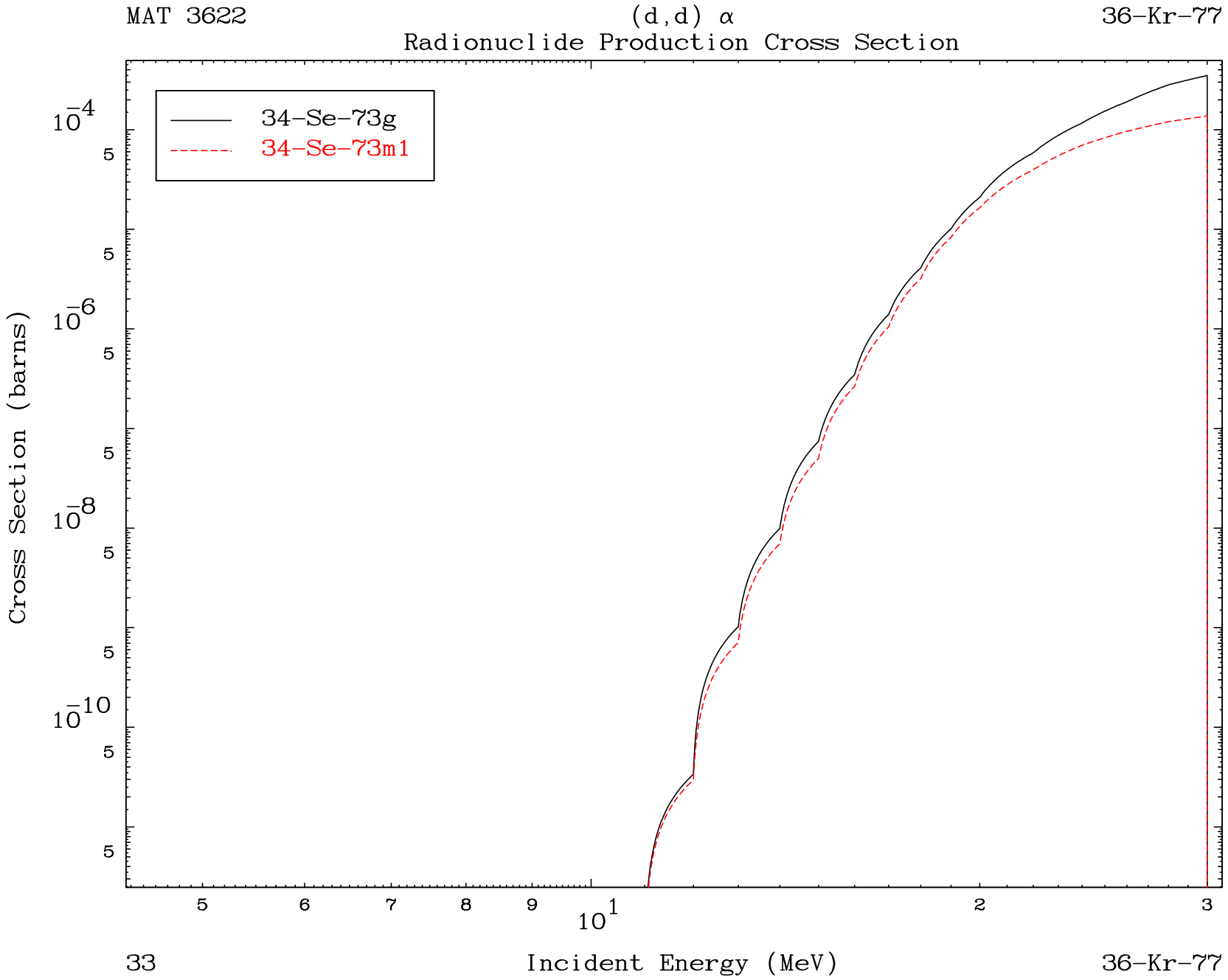

MAT 3622
(d,2n) p
36-Kr-77
Radionuclide Production Cross Section
35-Br-76g
35-Br-76m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10
15
20
25
30
28
Incident Energy (MeV)
36-Kr-77


MAT 3622
(d,n') p α
36-Kr-77
Radionuclide Production Cross Section
34-Se-73g
34-Se-73m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10
15
20
25
30
29
Incident Energy (MeV)
36-Kr-77


MAT 3622
(d,He-3)
36-Kr-77
Radionuclide Production Cross Section
35-Br-76g
35-Br-76m2
Cross Section (barns)
Incident Energy (MeV)
30
36-Kr-77


MAT 3622
(d,2p)
36-Kr-77
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
10^-3
5
10^-2
5
10^-1
5
10^0
5
10^1
31
Incident Energy (MeV)
36-Kr-77


MAT 3622
(d,p) d
36-Kr-77
Radionuclide Production Cross Section
35-Br-76g
35-Br-76m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10
15
20
25
30
32
Incident Energy (MeV)
36-Kr-77


MAT 3622
(d,d) α
36-Kr-77
Radionuclide Production Cross Section
34-Se-73g
34-Se-73m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6
7
8
9
10^1
2
3
33
Incident Energy (MeV)
36-Kr-77