Program EVALPLOT
(Version 2021-1)
by
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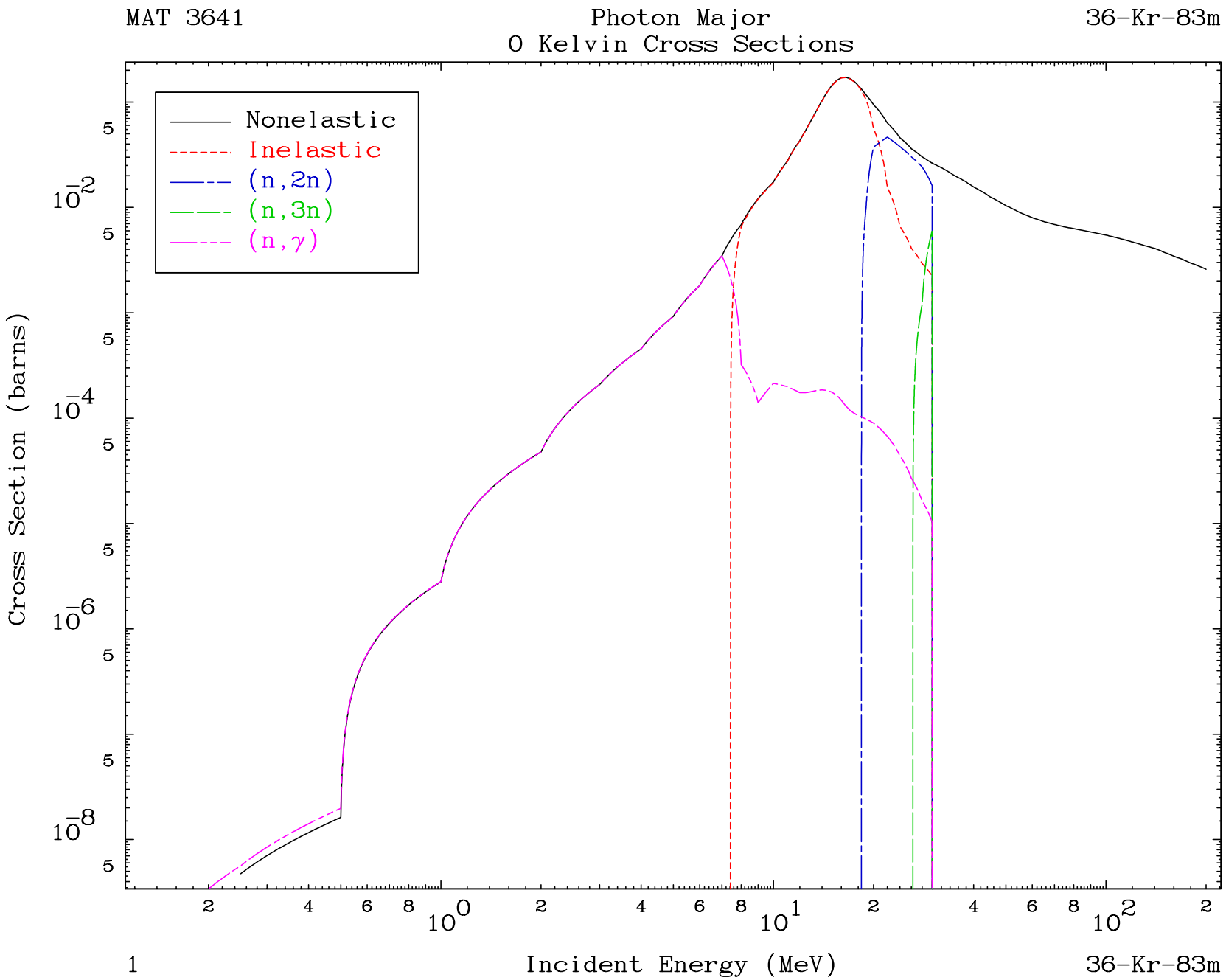
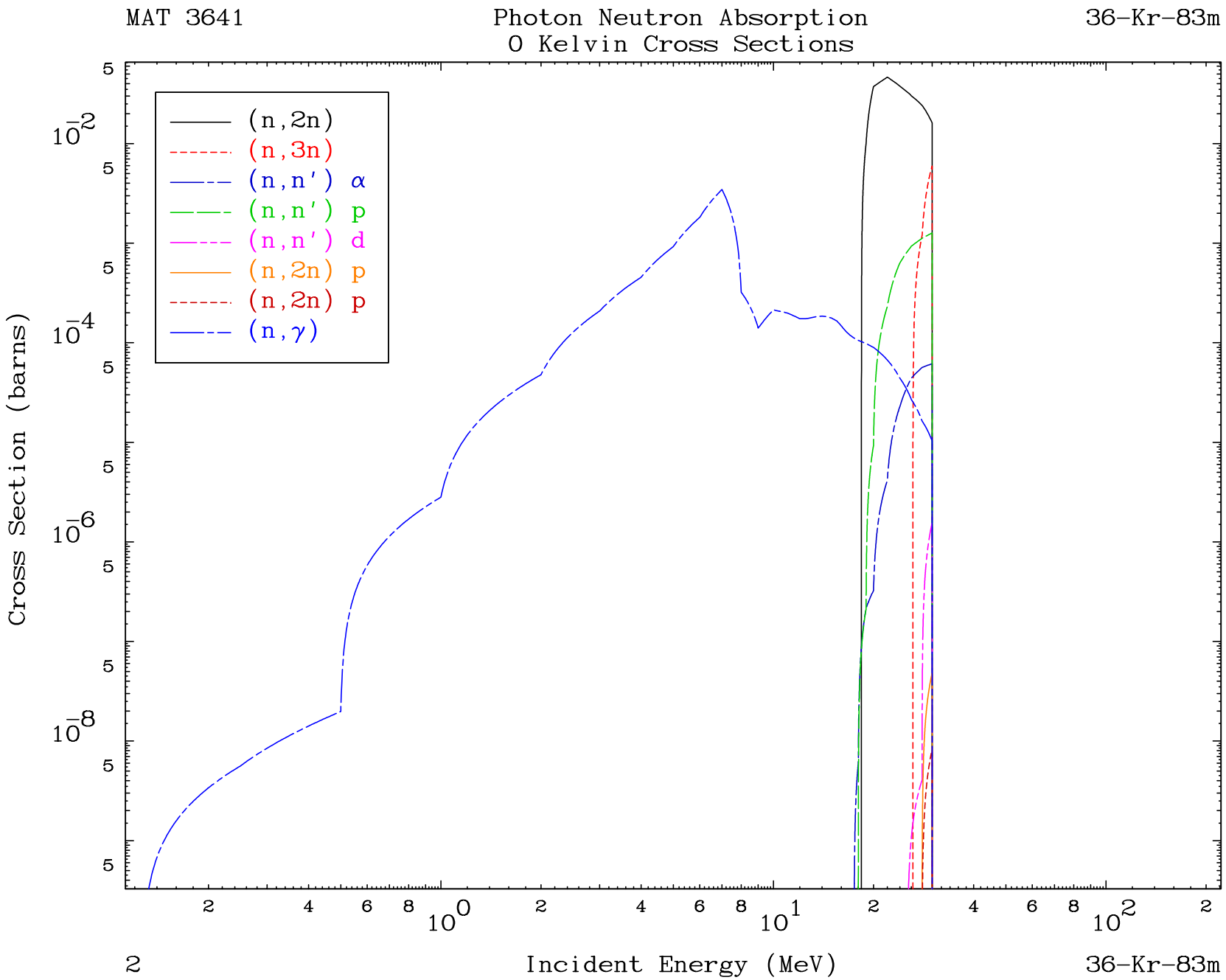
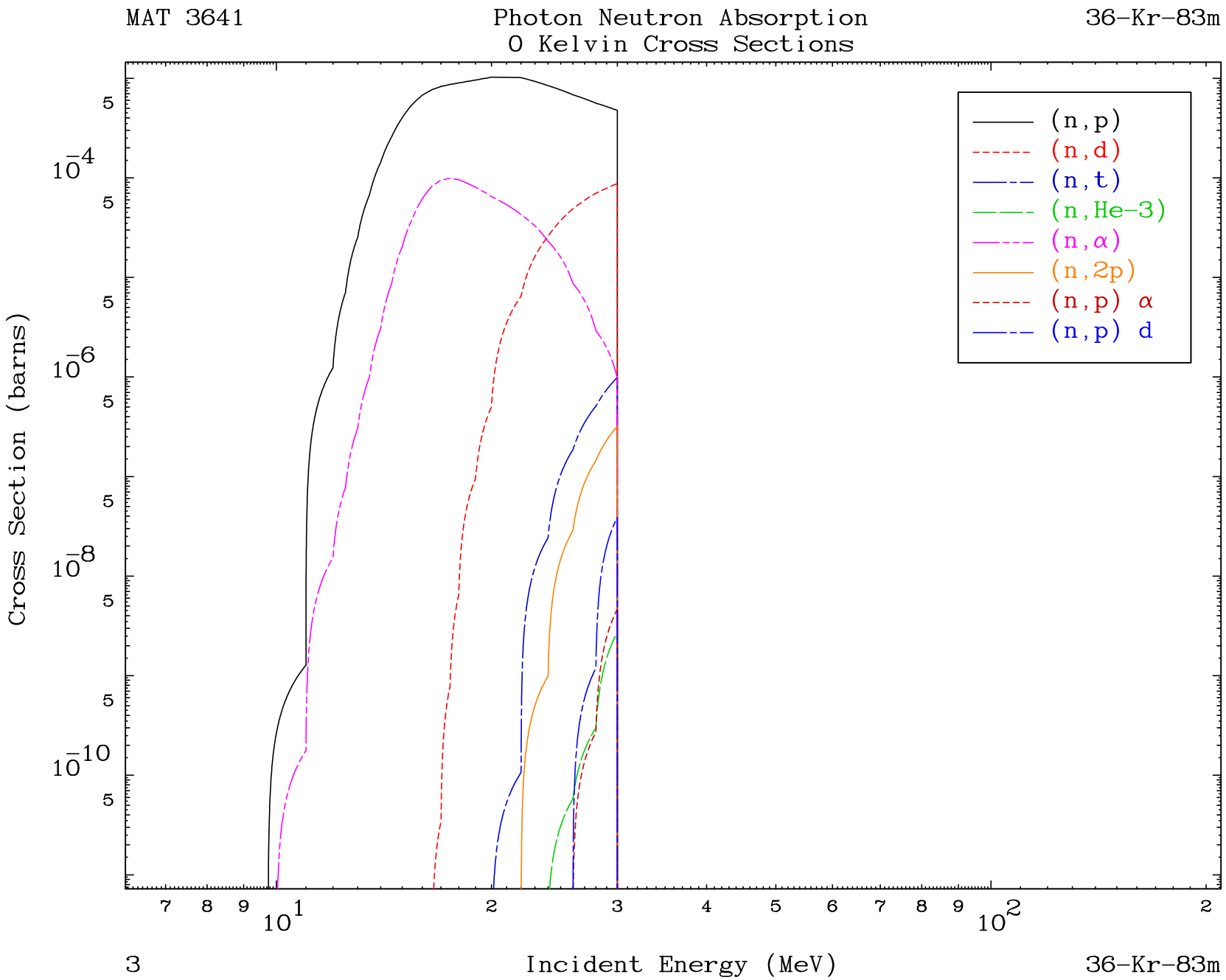
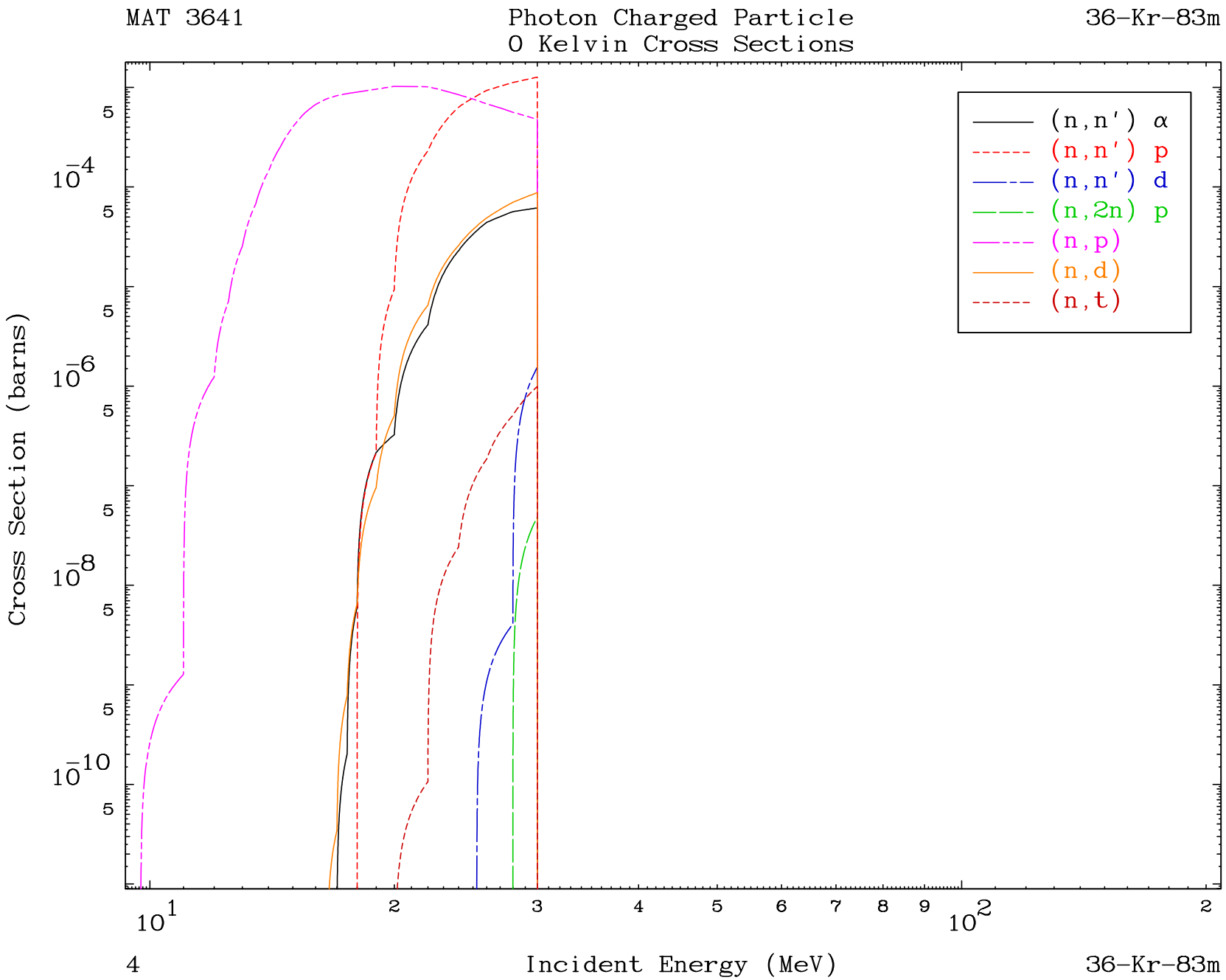
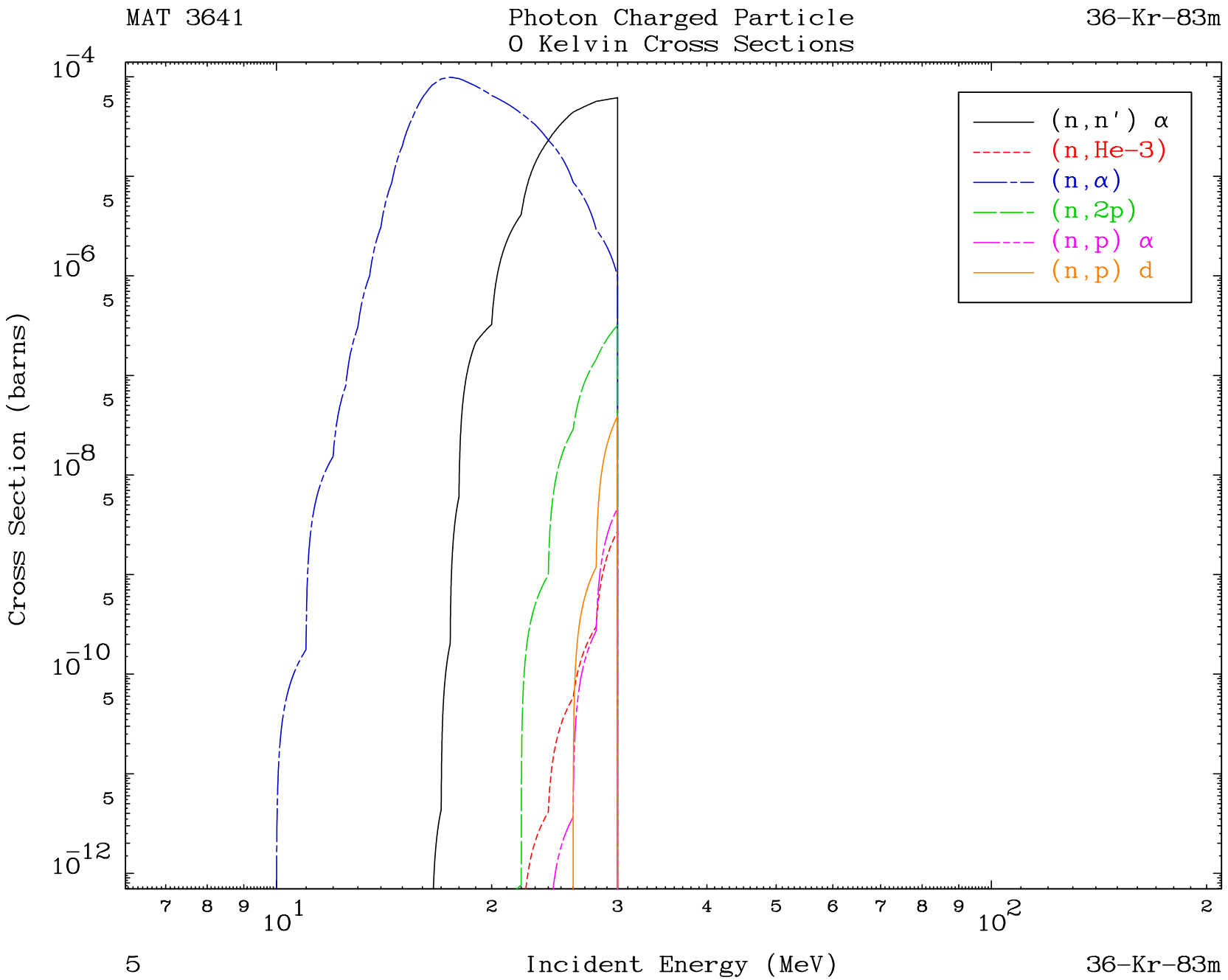
Press Mouse Button to Start

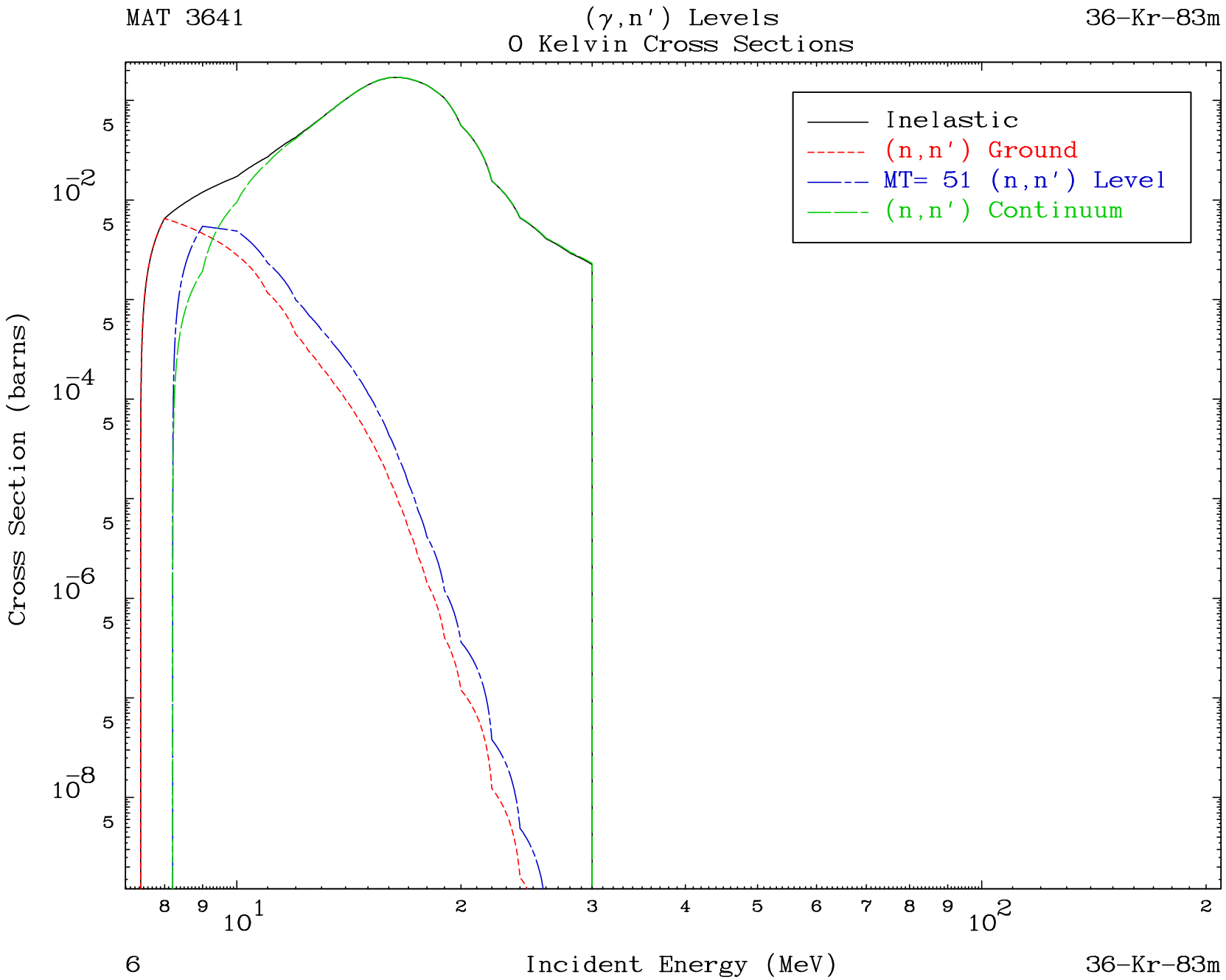

MAT 3641
Photon Major
36-Kr-83m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
36-Kr-83m

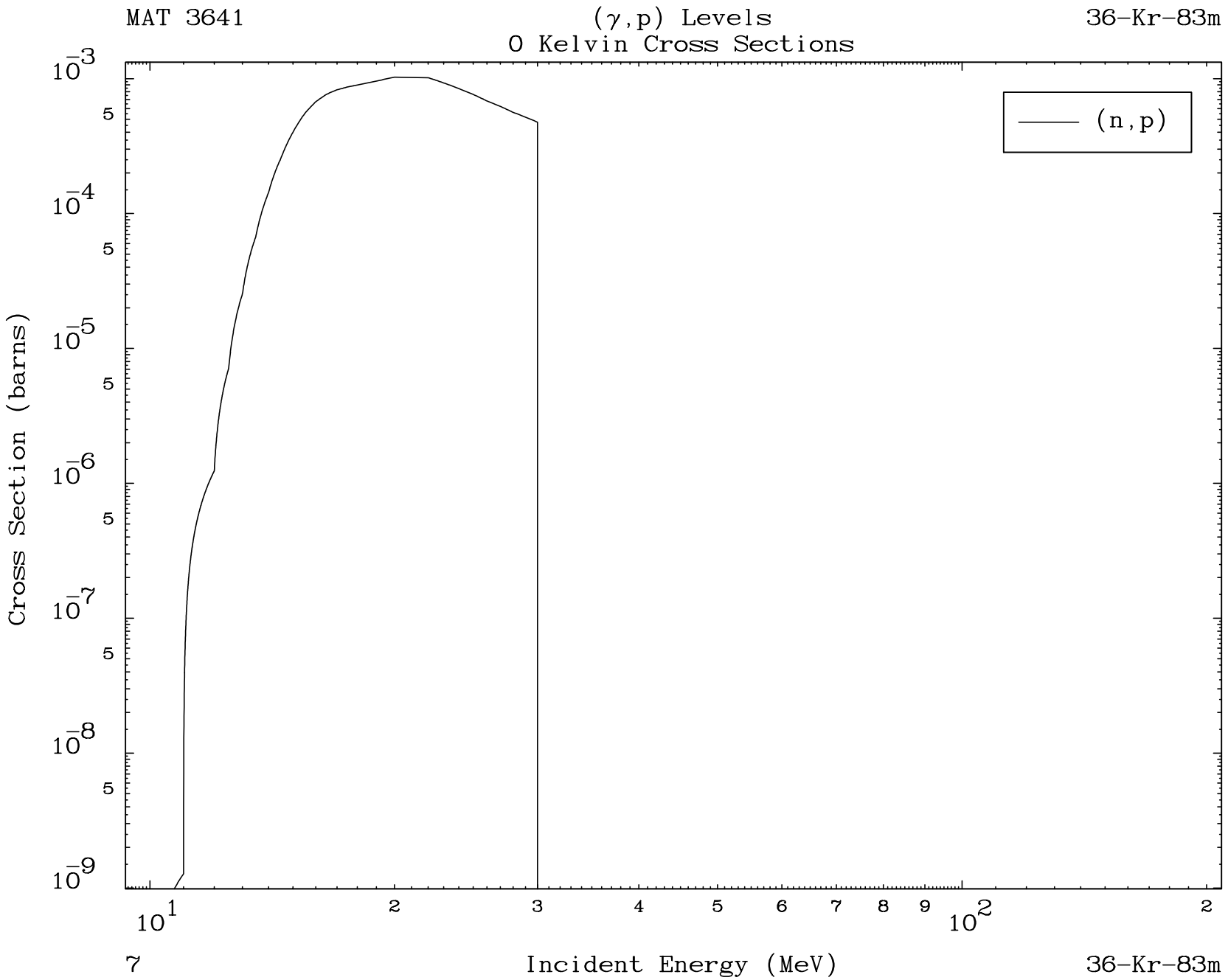

MAT 3641
Photon Neutron Absorption
0 Kelvin Cross Sections
36-Kr-83m
(n,2n)
(n,3n)
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-83m

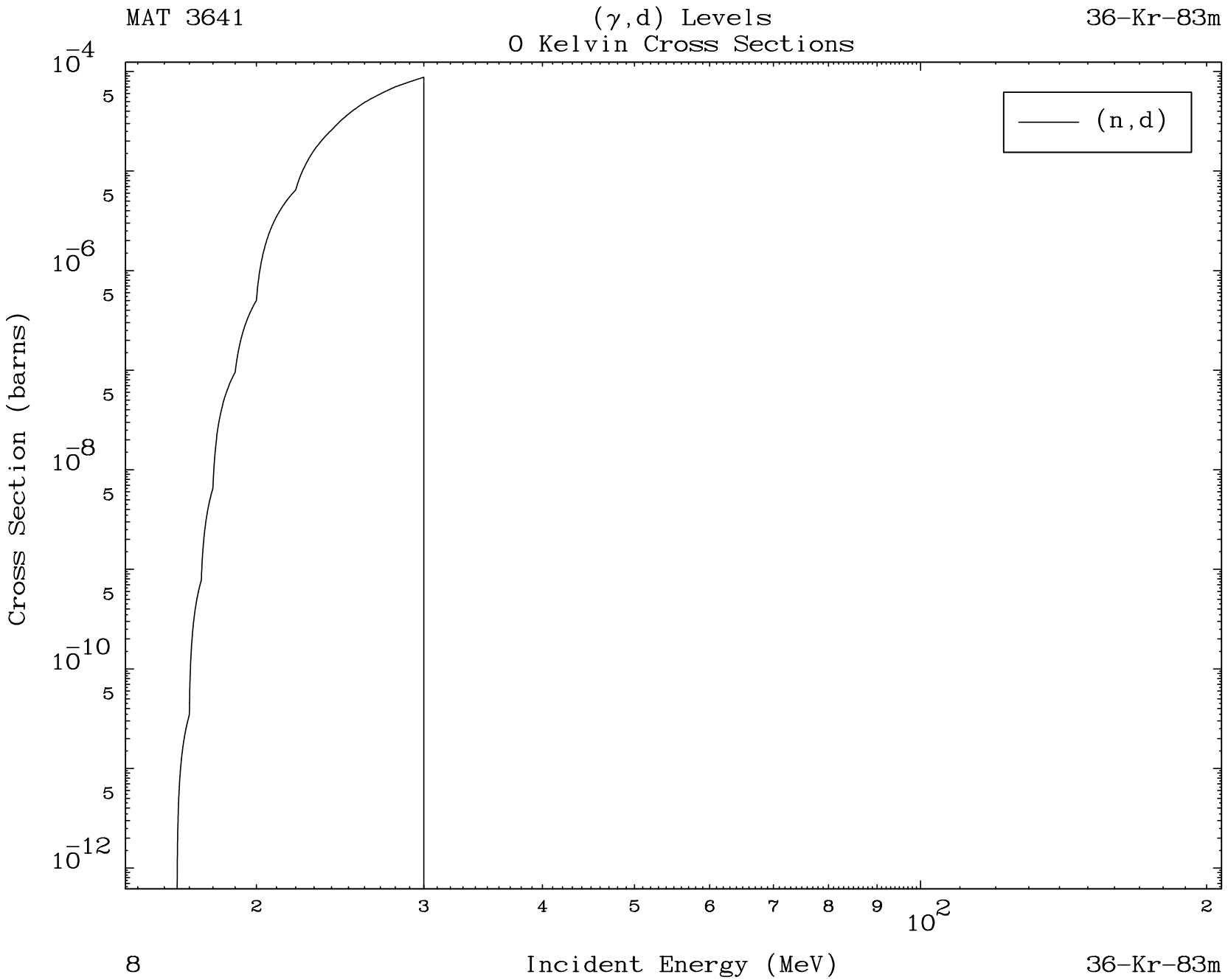

MAT 3641
Photon Neutron Absorption
0 Kelvin Cross Sections
36-Kr-83m
Cross Section (barns)
Incident Energy (MeV)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
3
36-Kr-83m

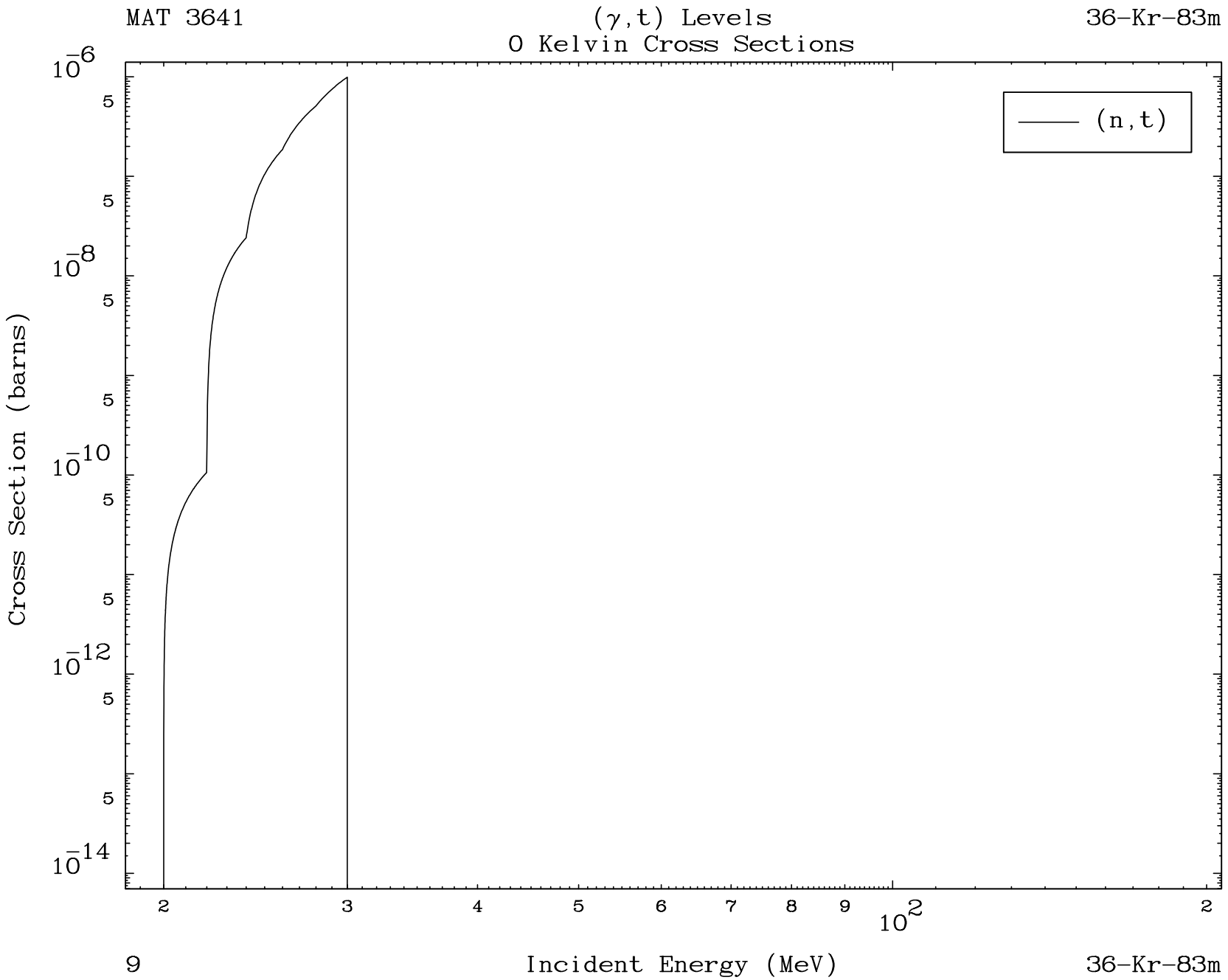

MAT 3641
Photon Charged Particle
0 Kelvin Cross Sections
36-Kr-83m
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
36-Kr-83m

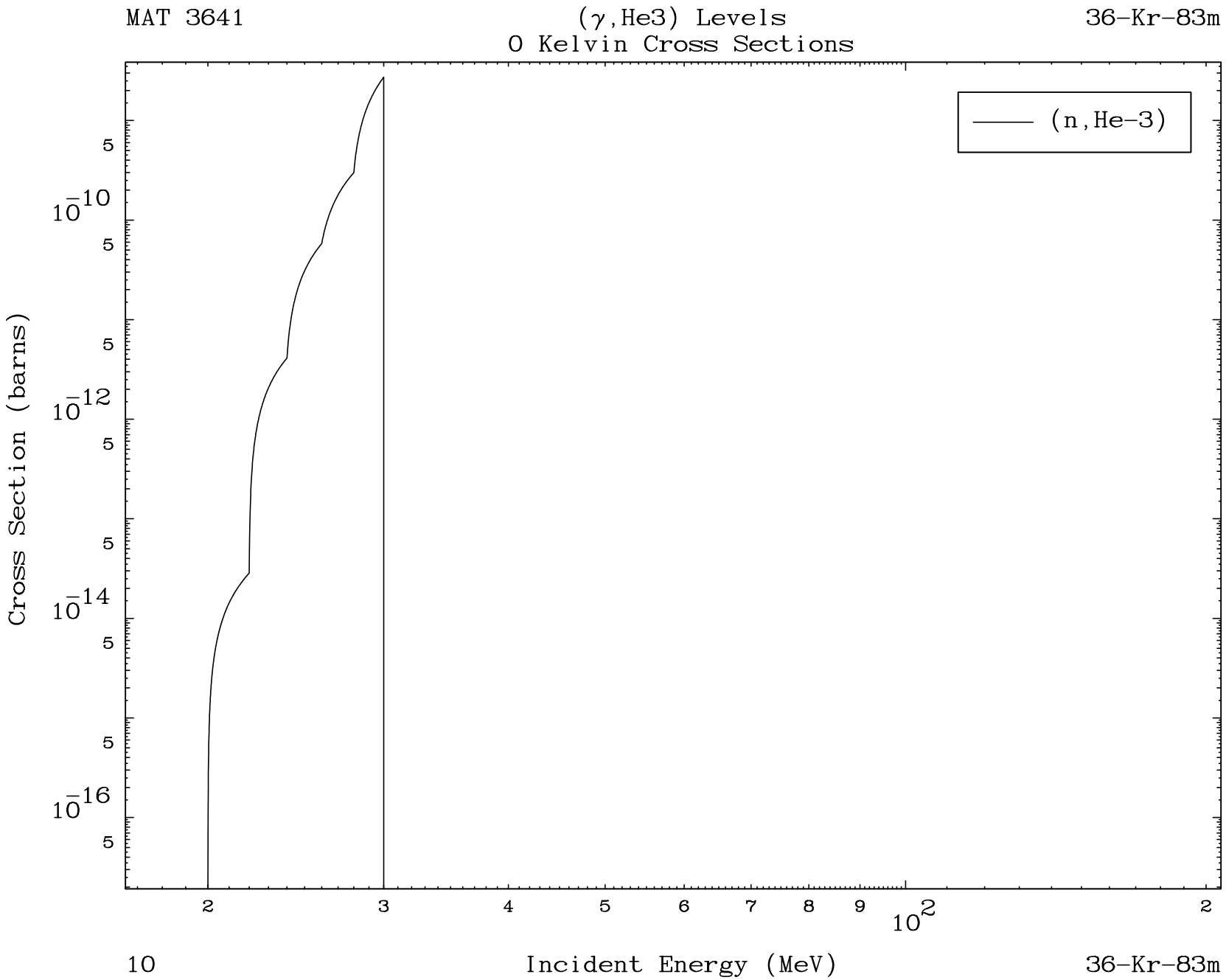

MAT 3641
Photon Charged Particle
0 Kelvin Cross Sections
36-Kr-83m
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
36-Kr-83m
5

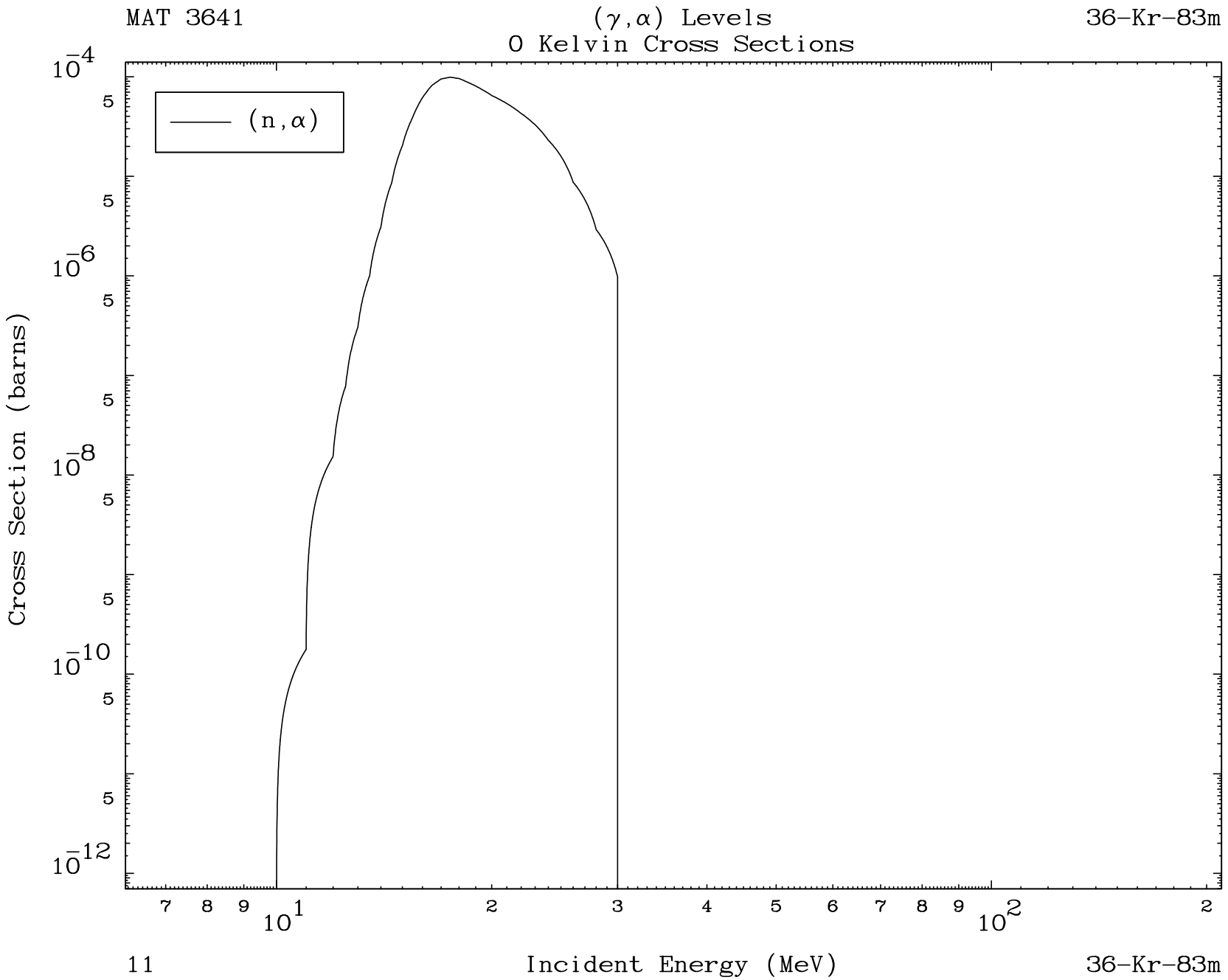

MAT 3641
(γ,n') Levels
0 Kelvin Cross Sections
36-Kr-83m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
36-Kr-83m
6

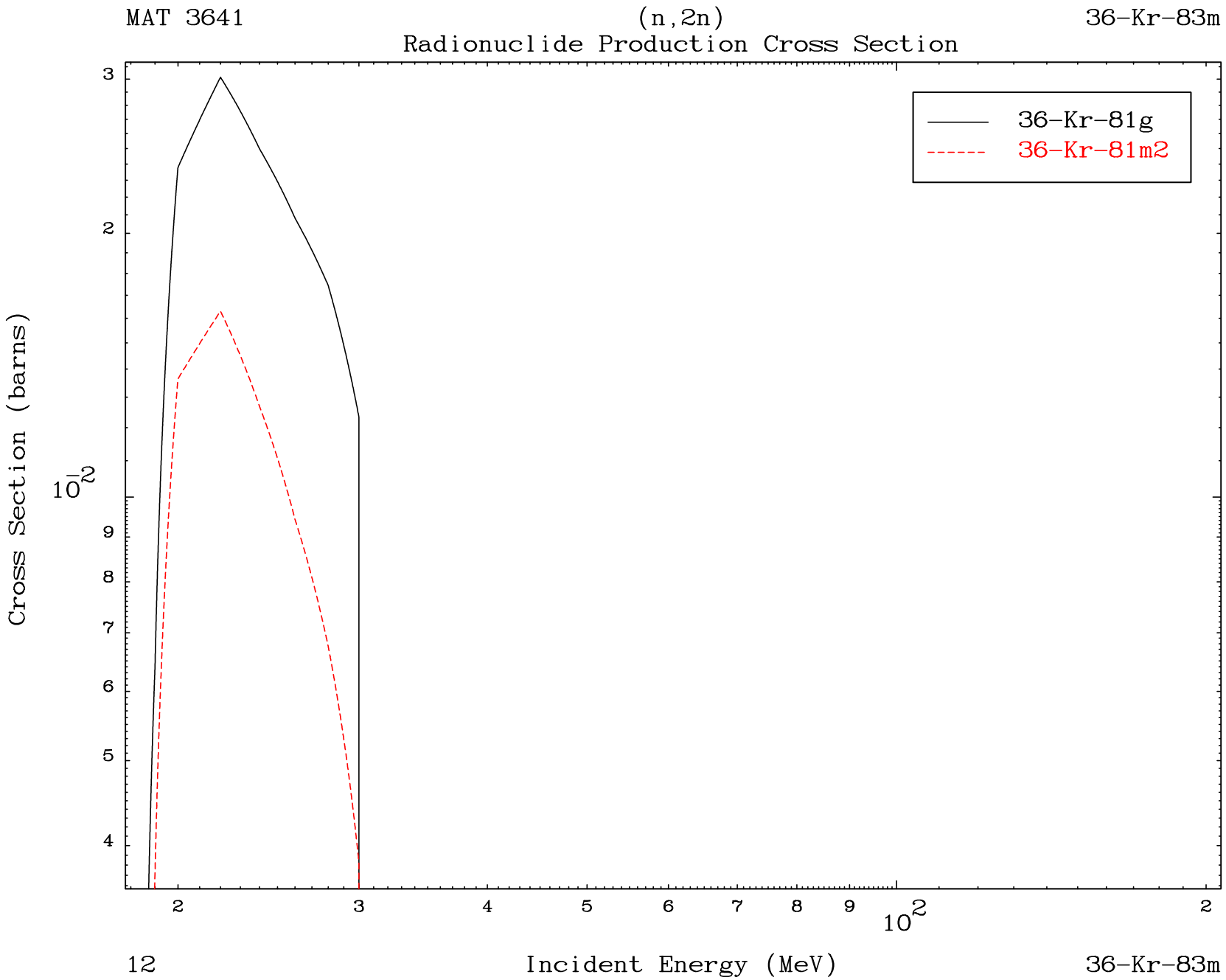

MAT 3641
(γ,p) Levels
36-Kr-83m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-9
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
7
36-Kr-83m

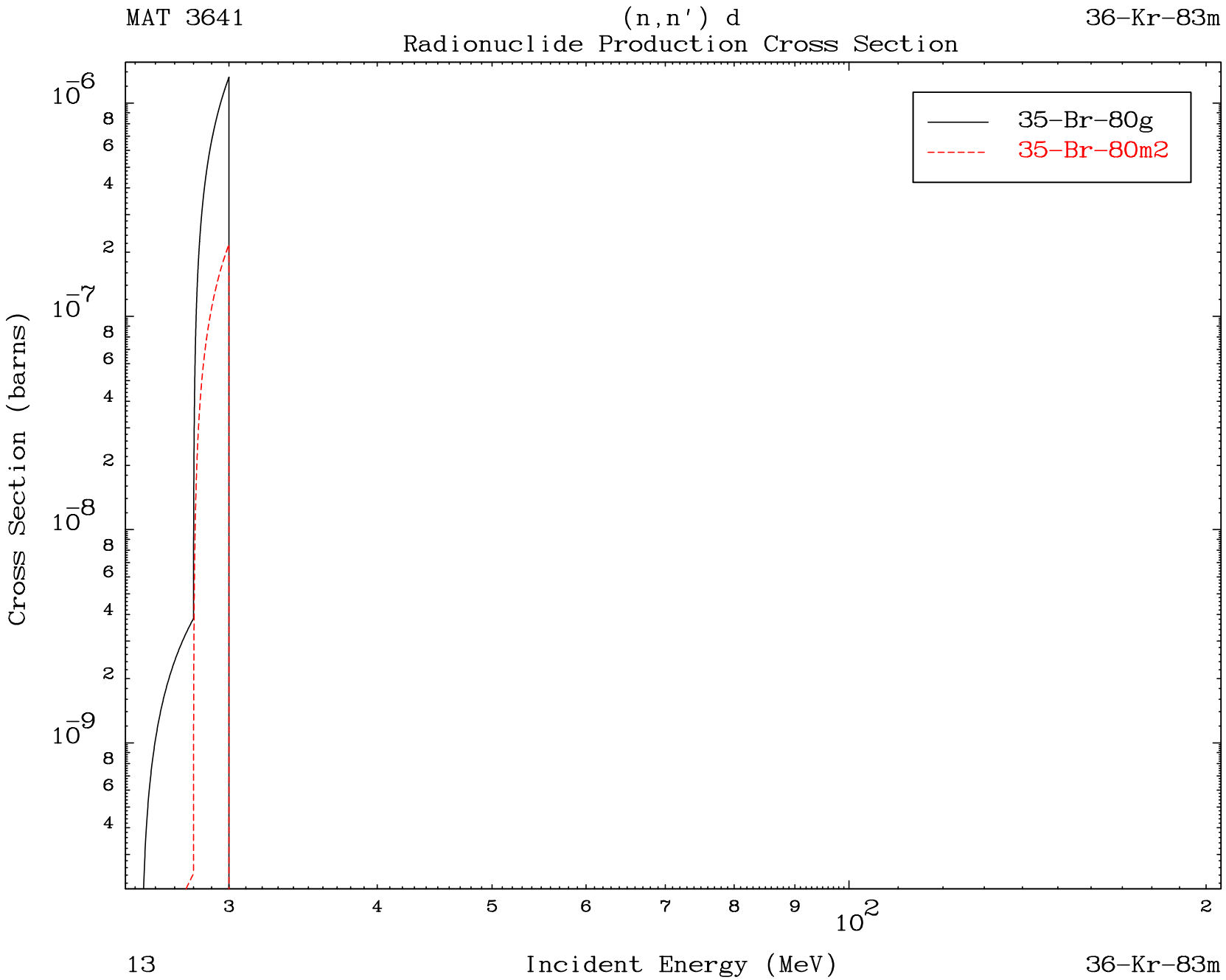

MAT 3641
(γ,d) Levels
36-Kr-83m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
36-Kr-83m

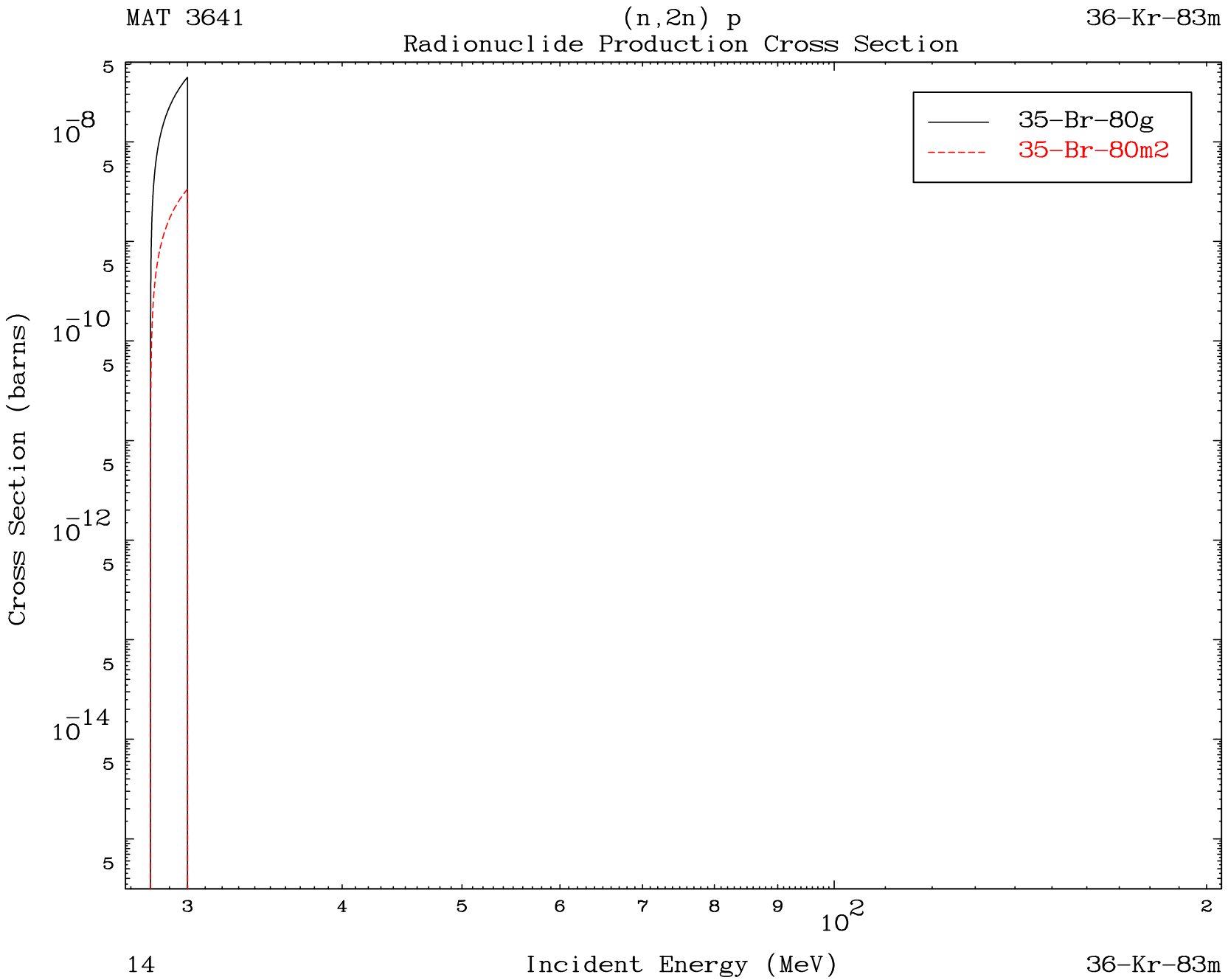

MAT 3641
(γ,t) Levels
36-Kr-83m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
5
10-8
5
10-10
5
10-12
5
10-14
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
36-Kr-83m

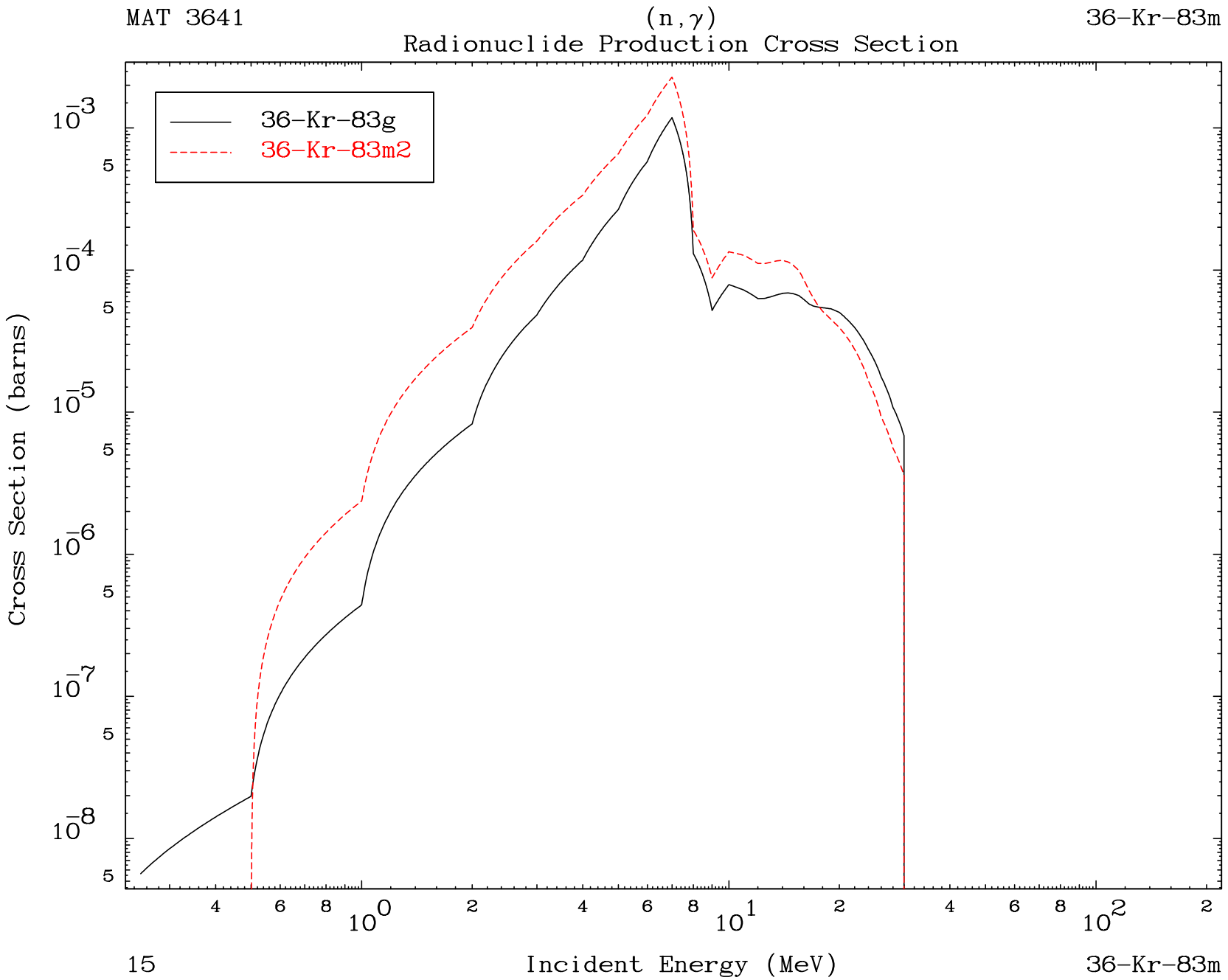

MAT 3641
(γ,He3) Levels
36-Kr-83m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
36-Kr-83m

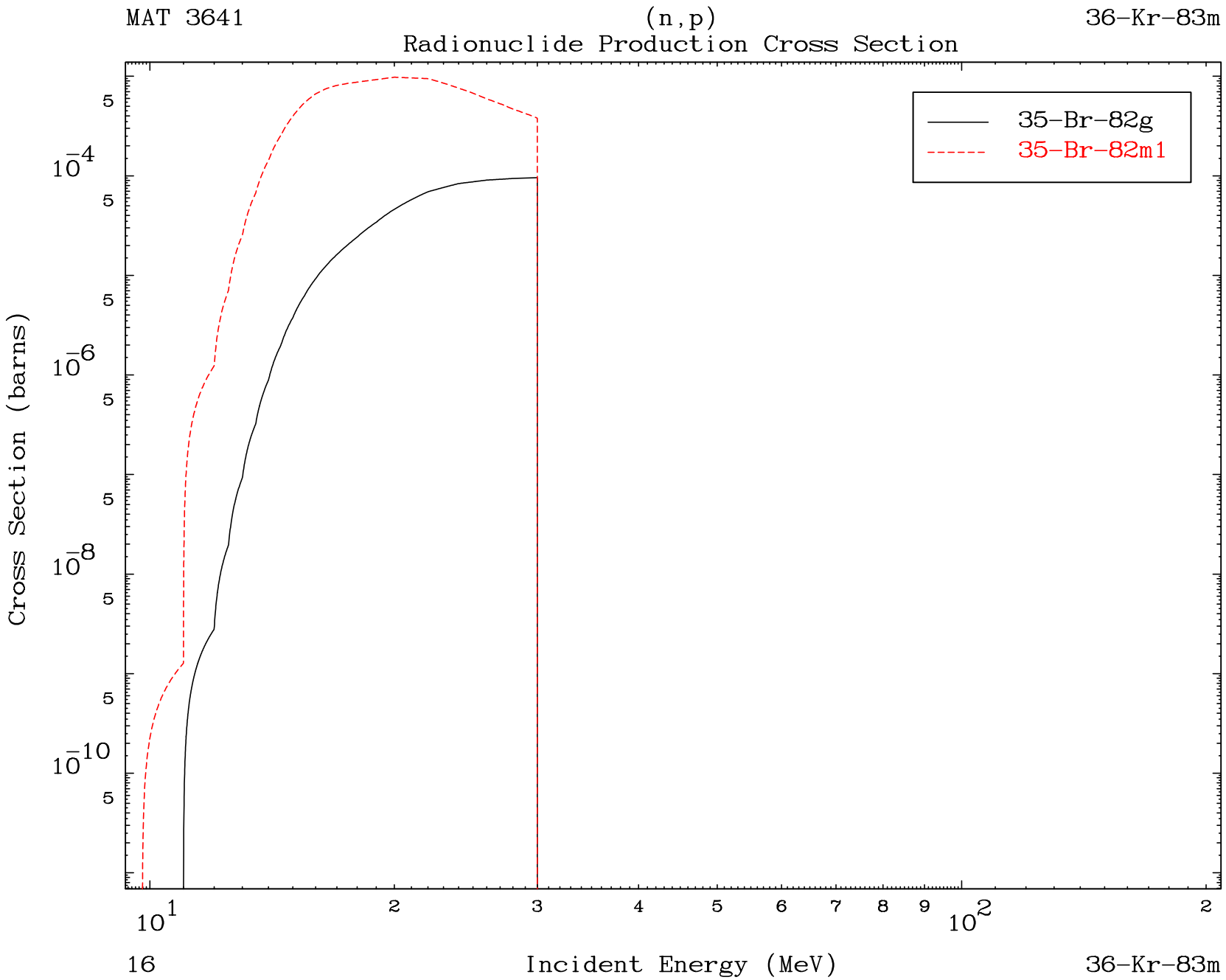

MAT 3641
(γ,α) Levels
36-Kr-83m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
11
36-Kr-83m

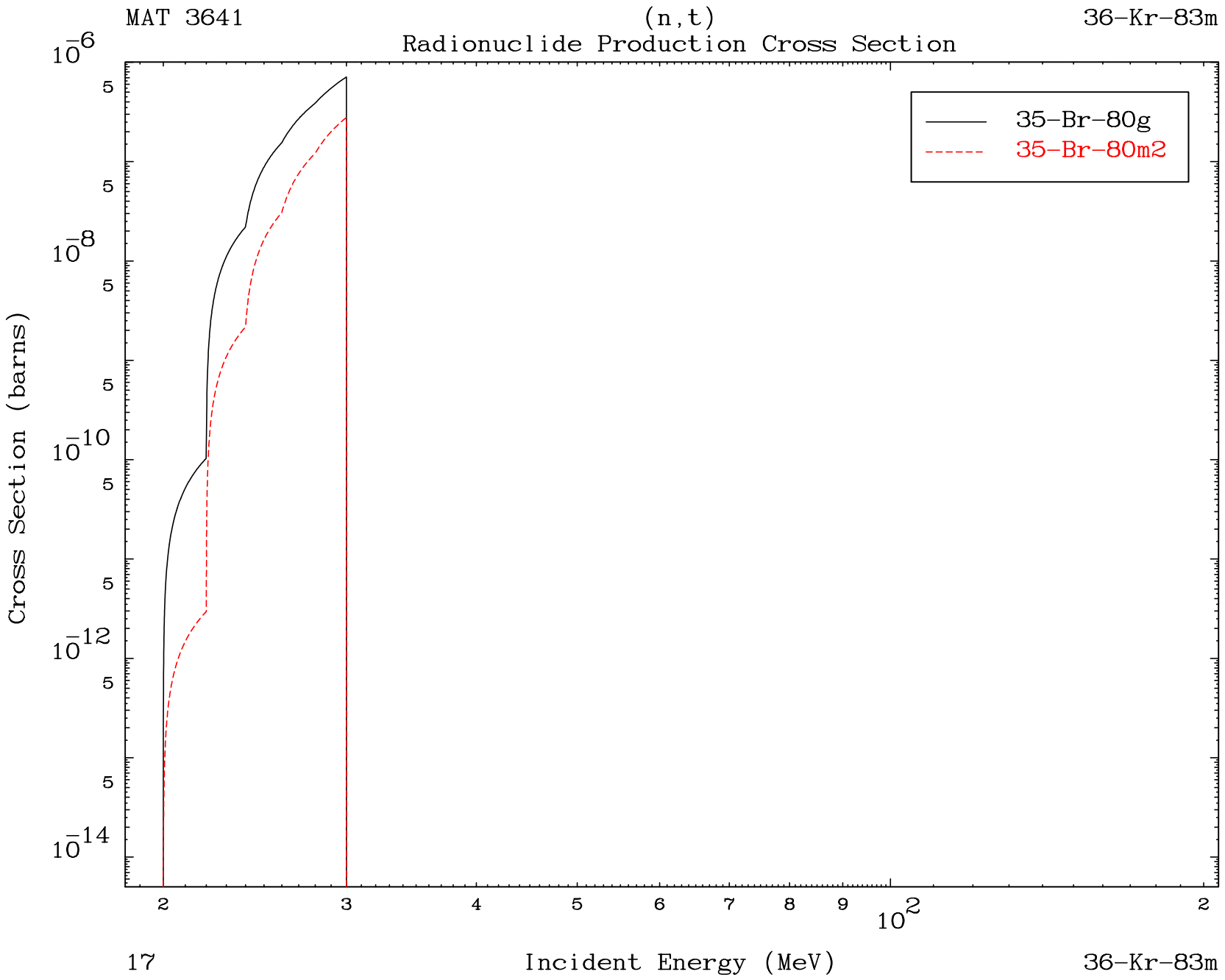

MAT 3641
(n,2n)
36-Kr-83m
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10-2
3
2
9
8
7
6
5
4
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
36-Kr-83m

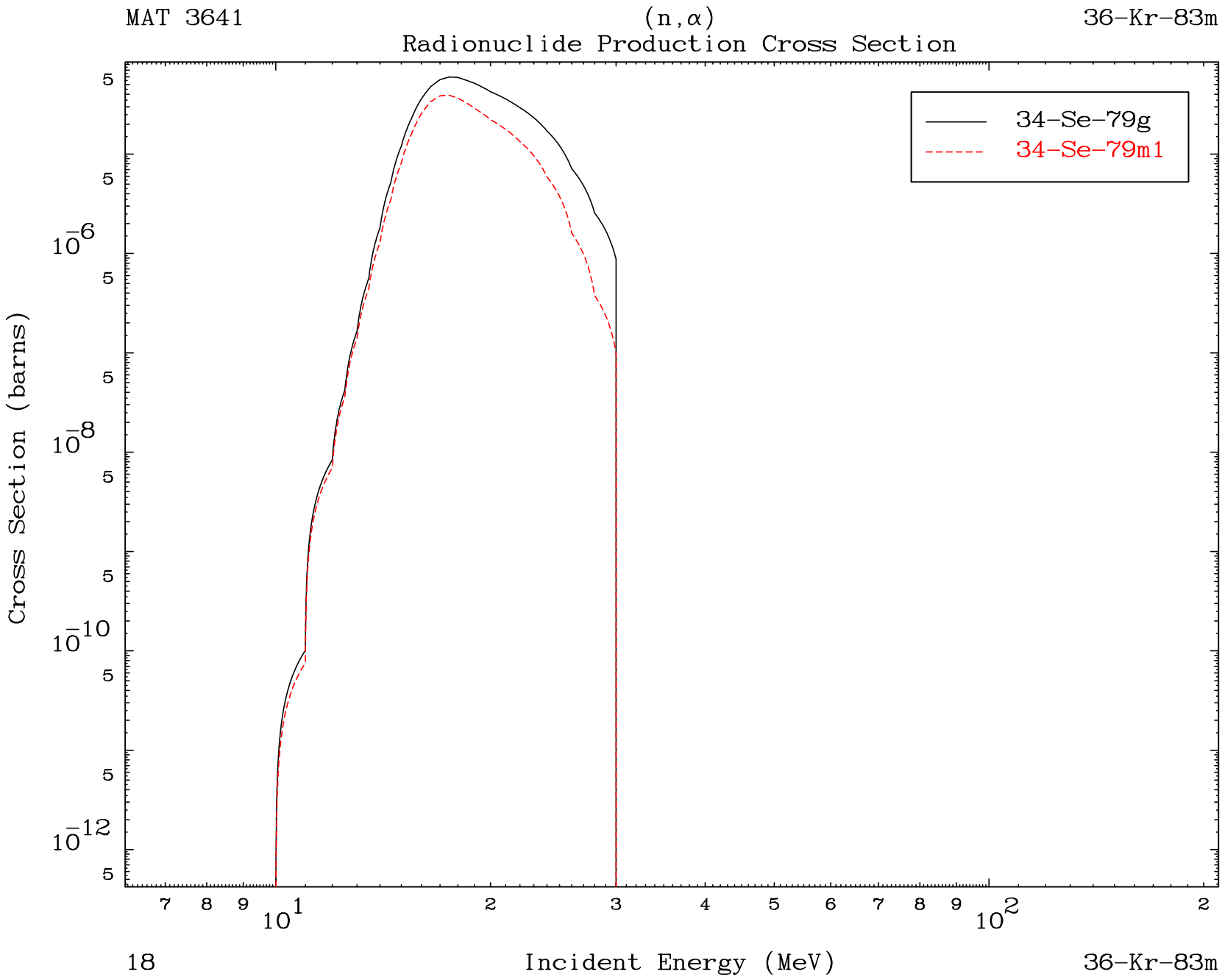

MAT 3641
(n,n') d
36-Kr-83m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
13
36-Kr-83m

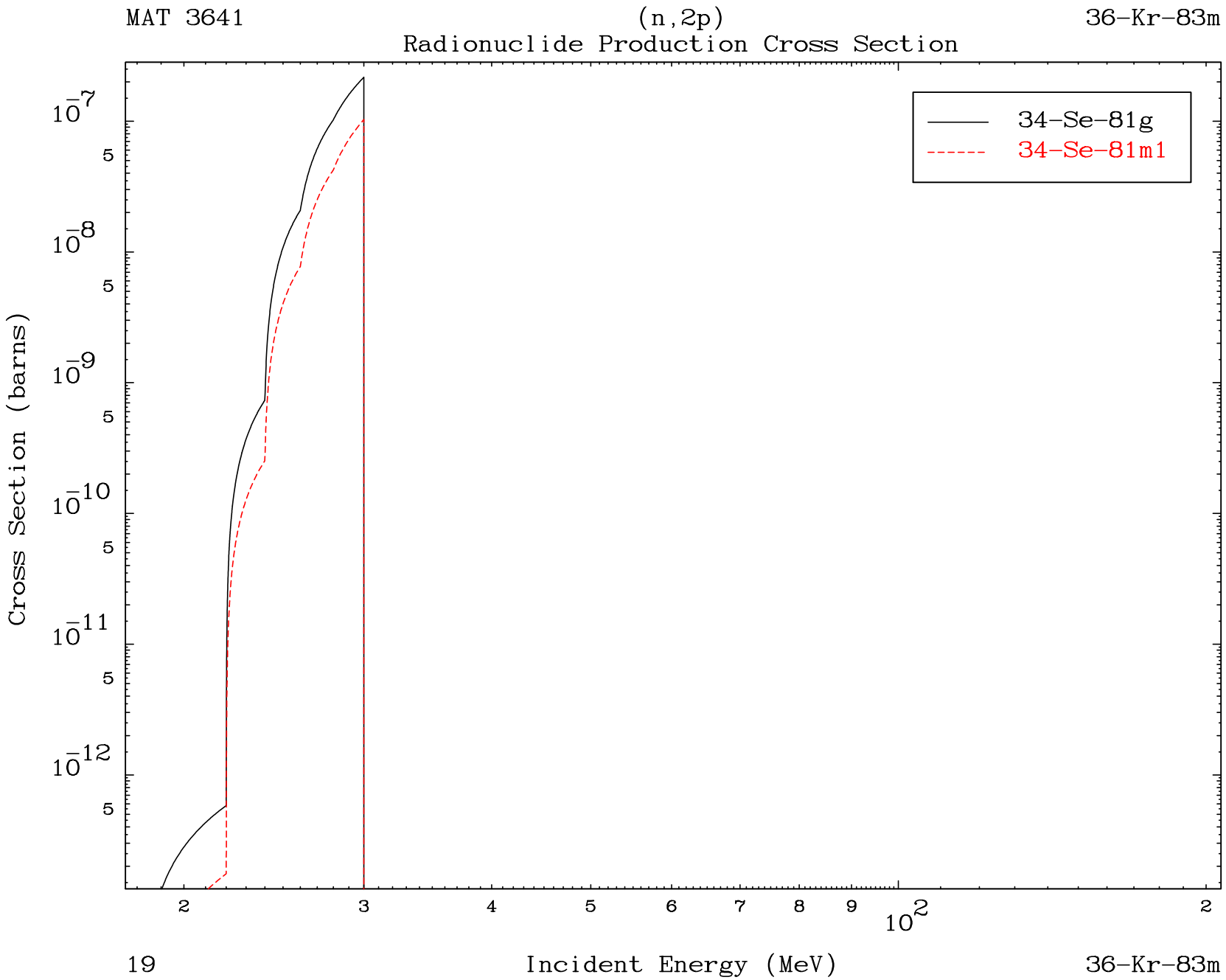

MAT 3641
(n,2n) p
36-Kr-83m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
14
36-Kr-83m


MAT 3641
(n,γ)
36-Kr-83m
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
15
36-Kr-83m


MAT 3641
(n,p)
36-Kr-83m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
16
Incident Energy (MeV)
36-Kr-83m


MAT 3641
(n,t)
36-Kr-83m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-83m


MAT 3641
(n,α)
36-Kr-83m
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
18
36-Kr-83m


MAT 3641
(n,2p)
36-Kr-83m
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
19
36-Kr-83m