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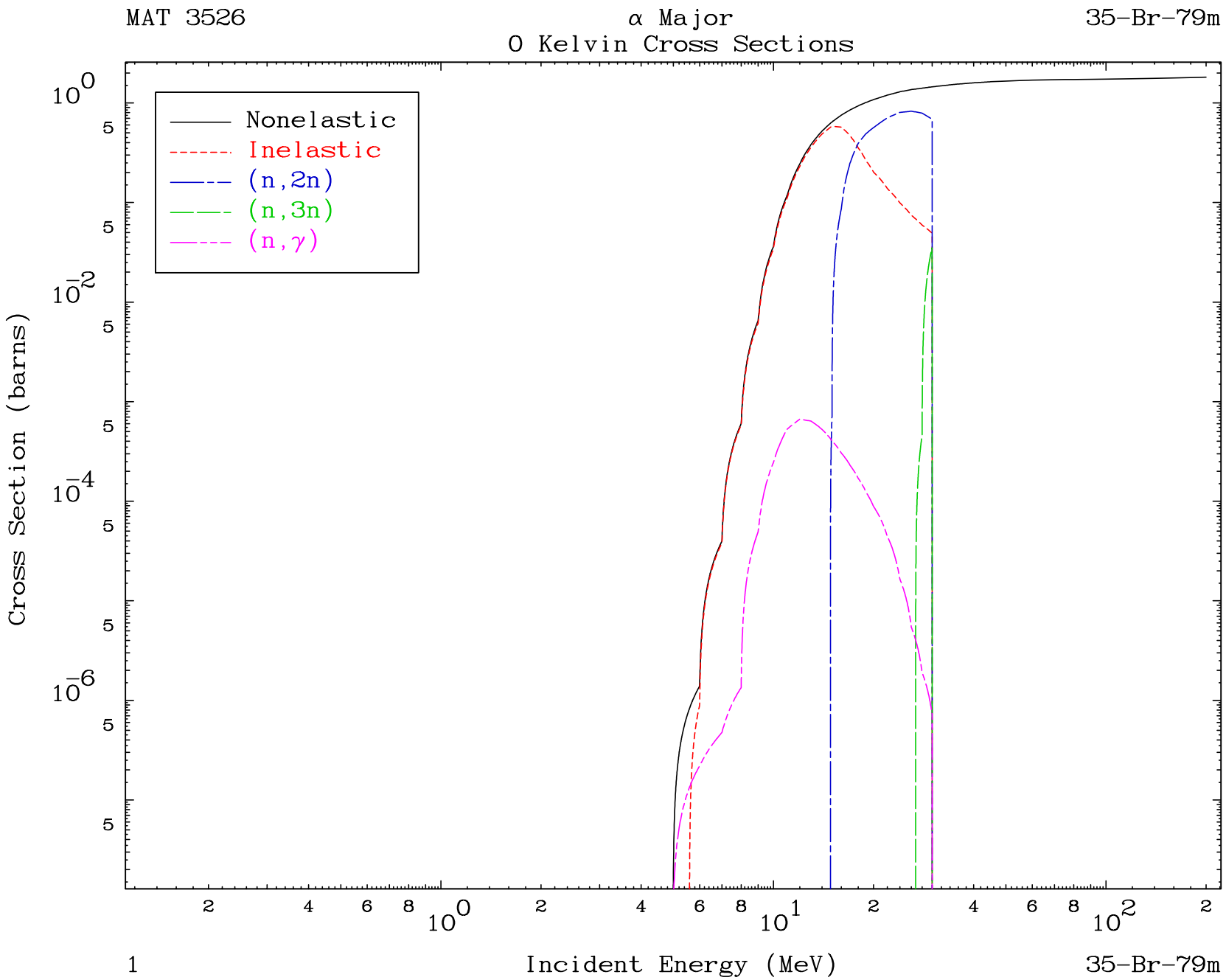
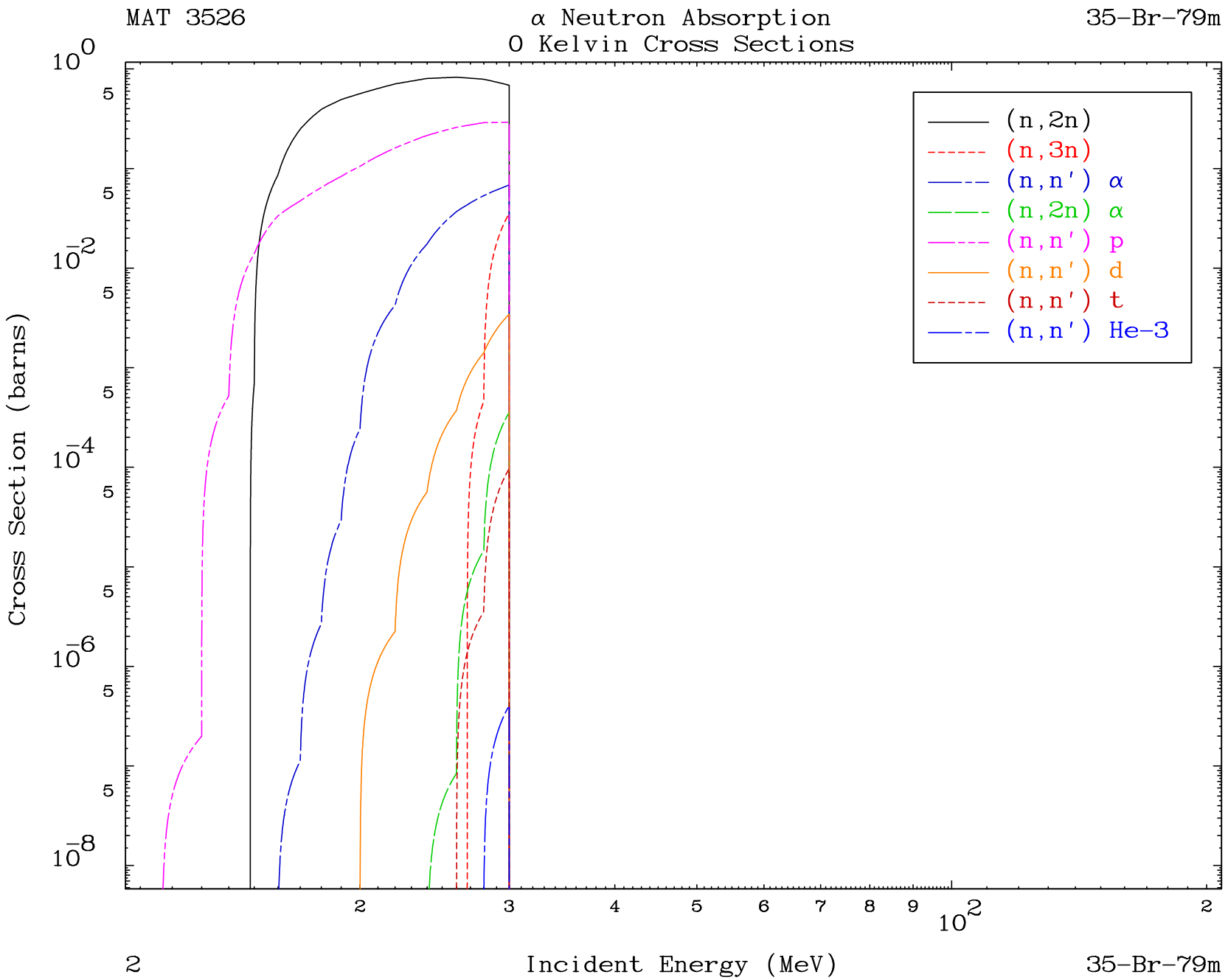
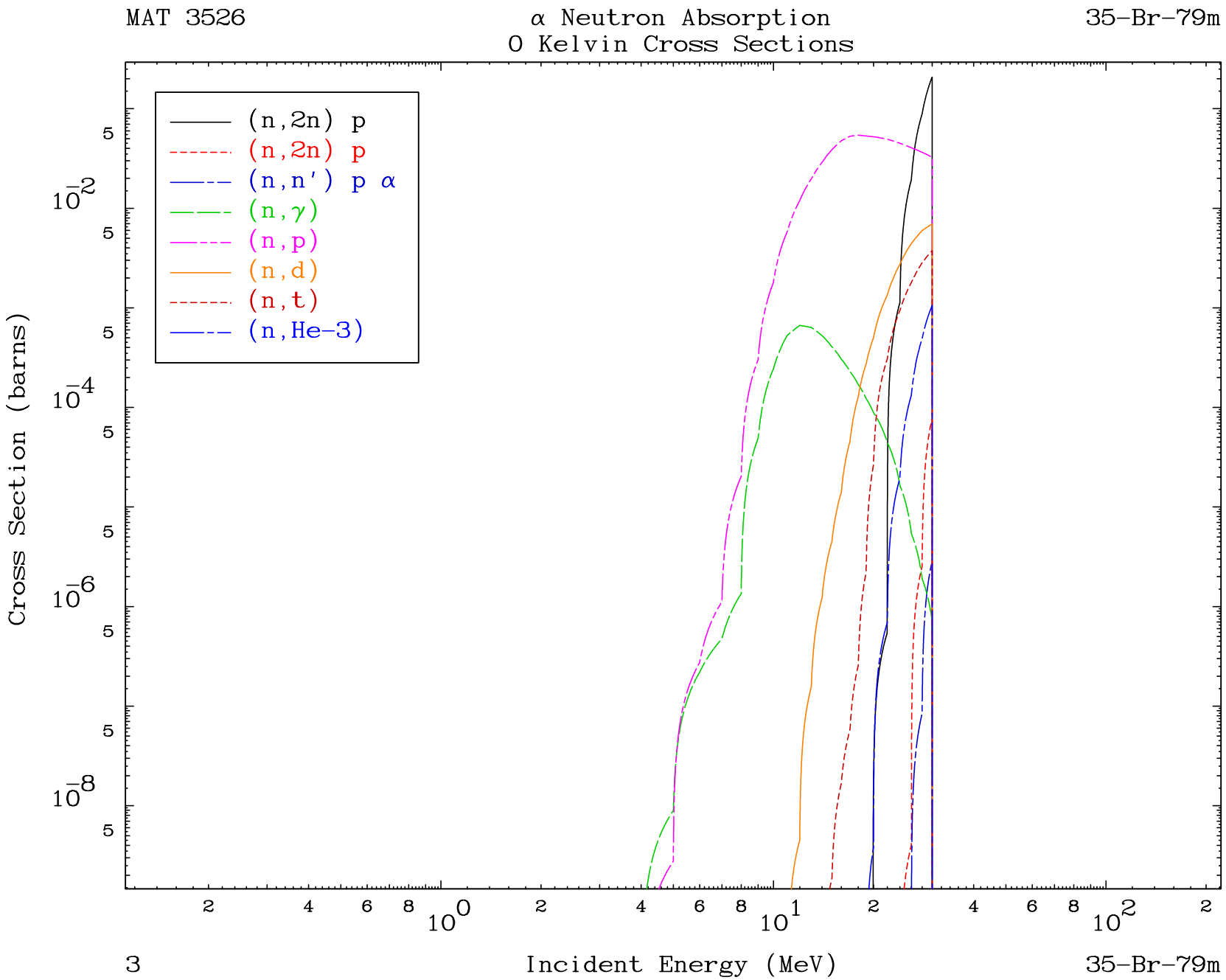
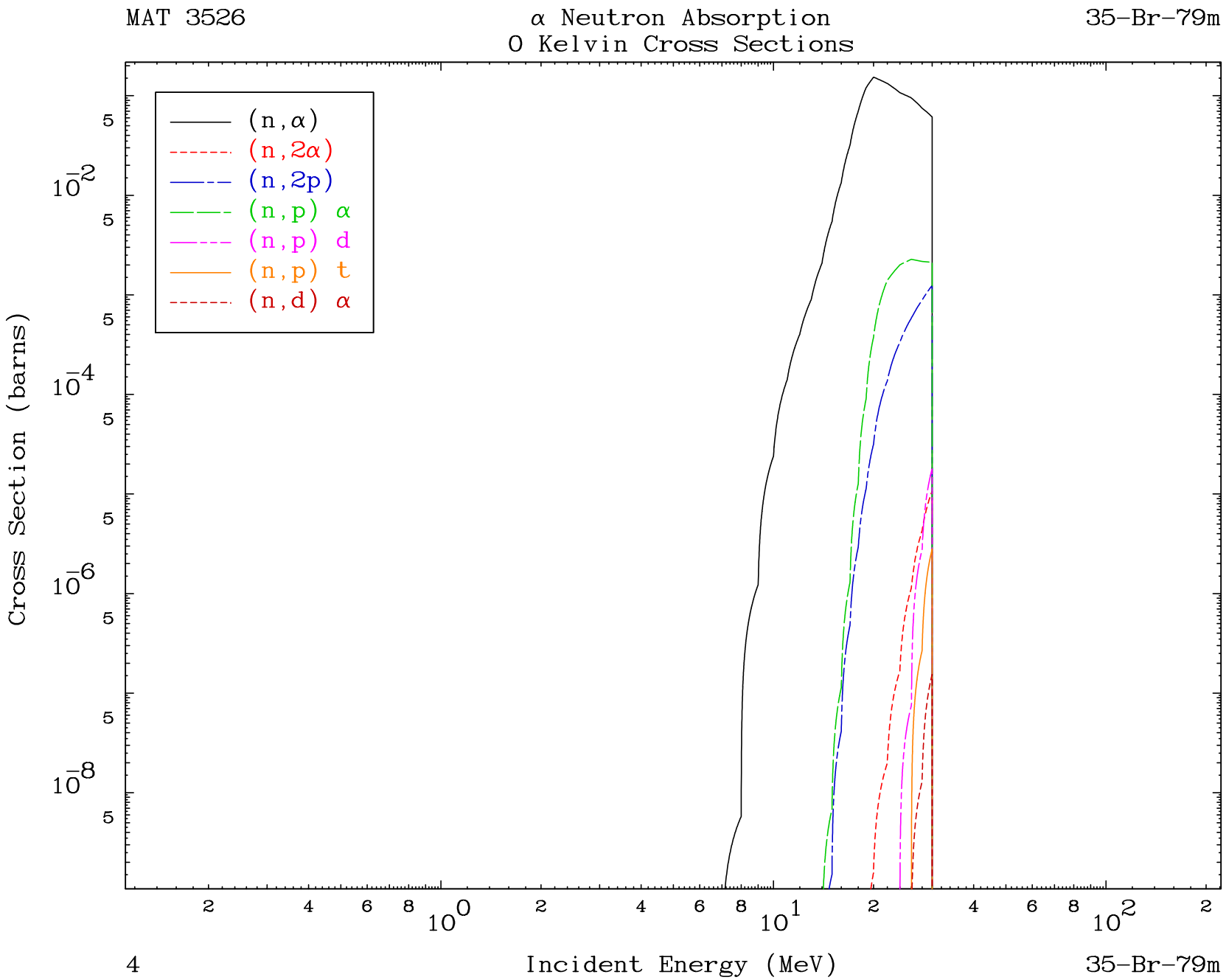
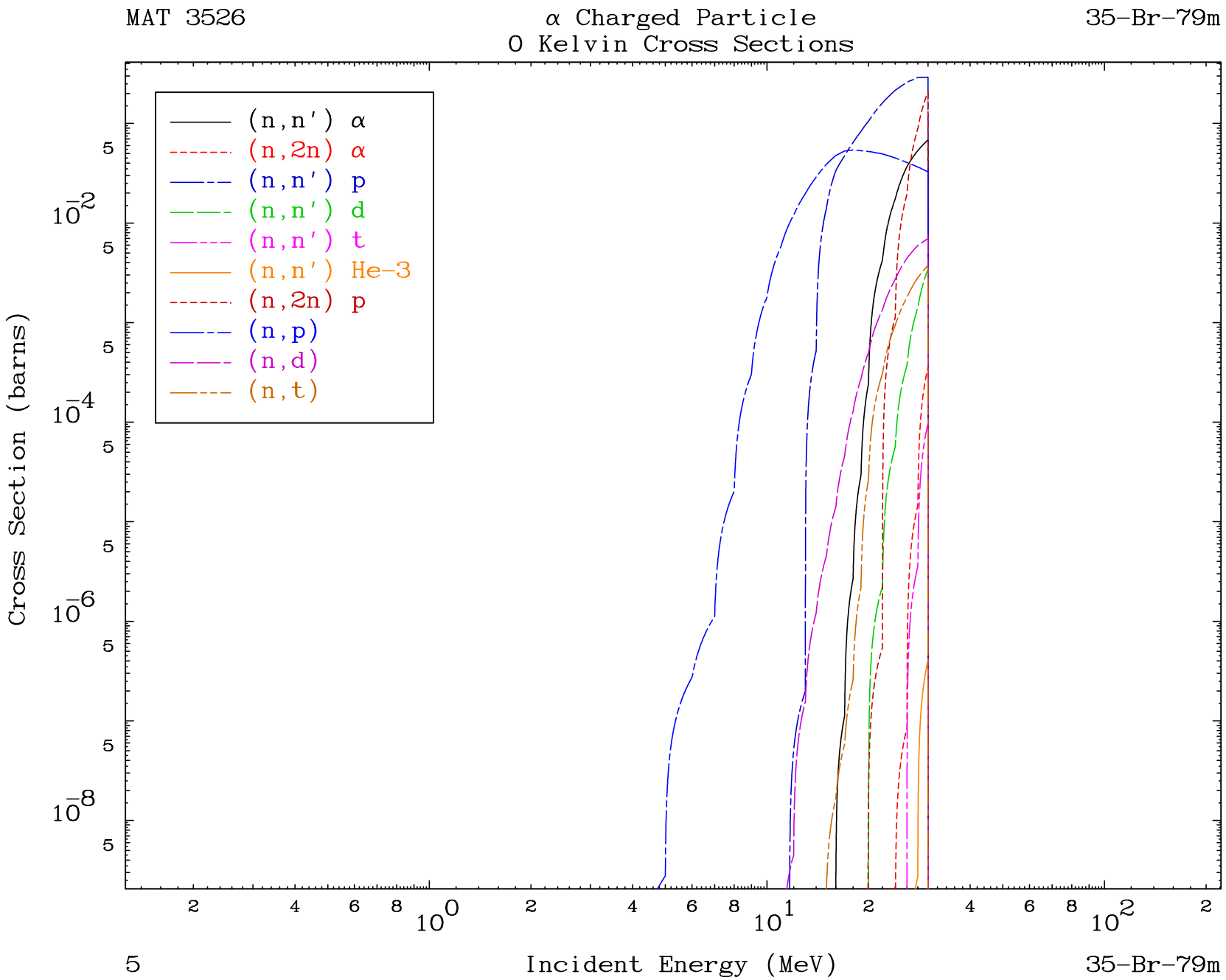
Press Mouse Button to Start

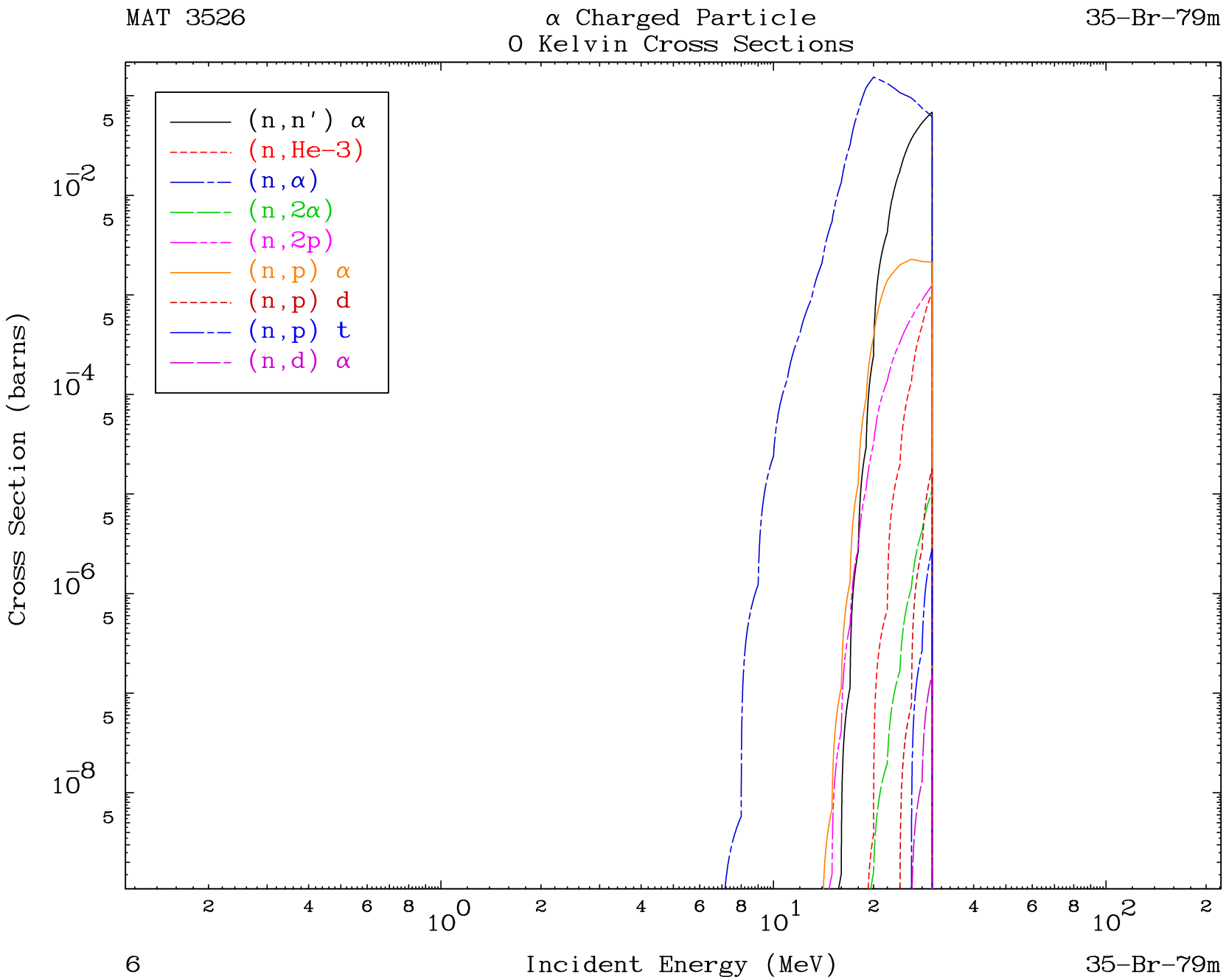

MAT 3526
α Major
35-Br-79m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
35-Br-79m
1

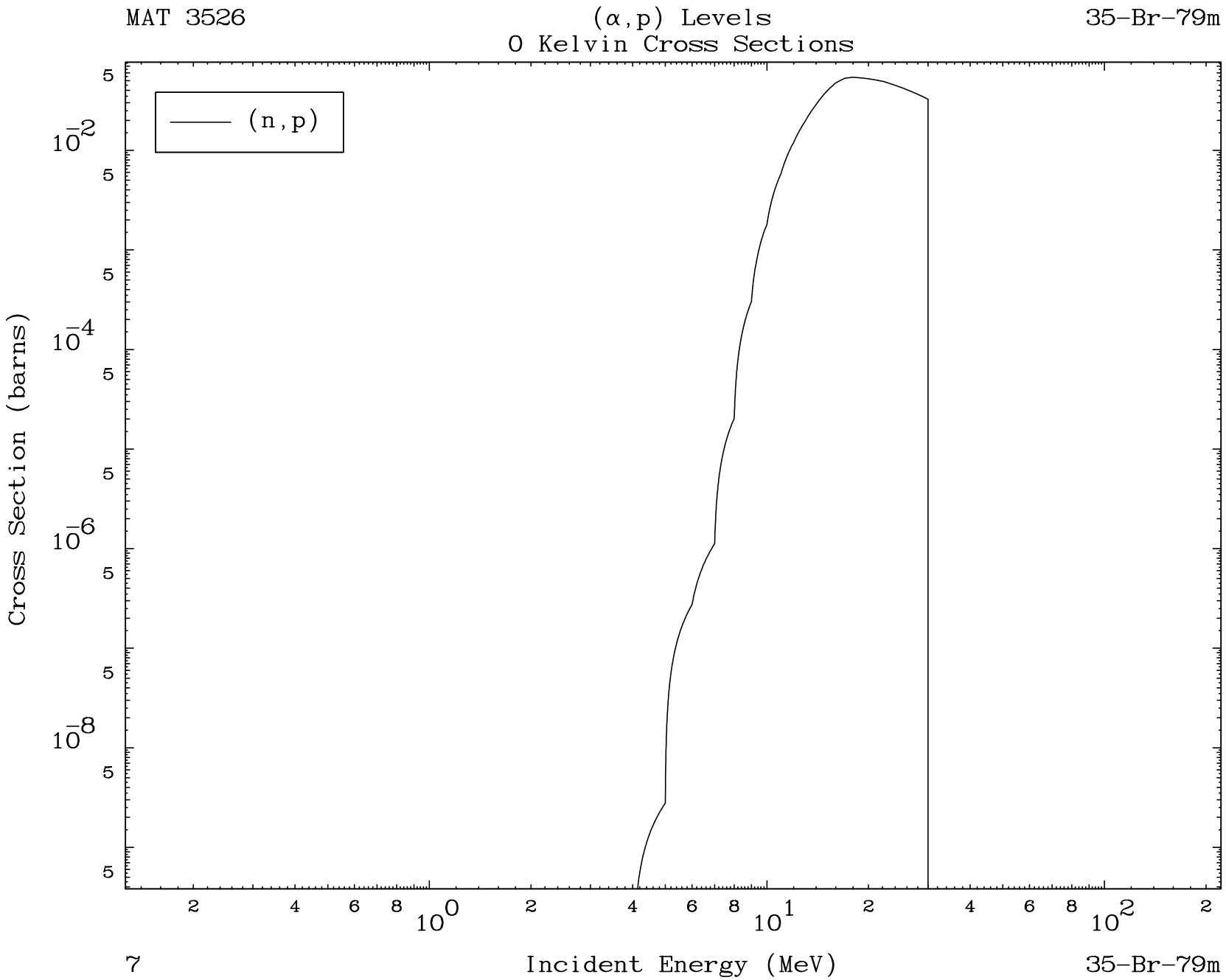

MAT 3526
α Neutron Absorption
0 Kelvin Cross Sections
35-Br-79m
Cross Section (barns)
Incident Energy (MeV)
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3

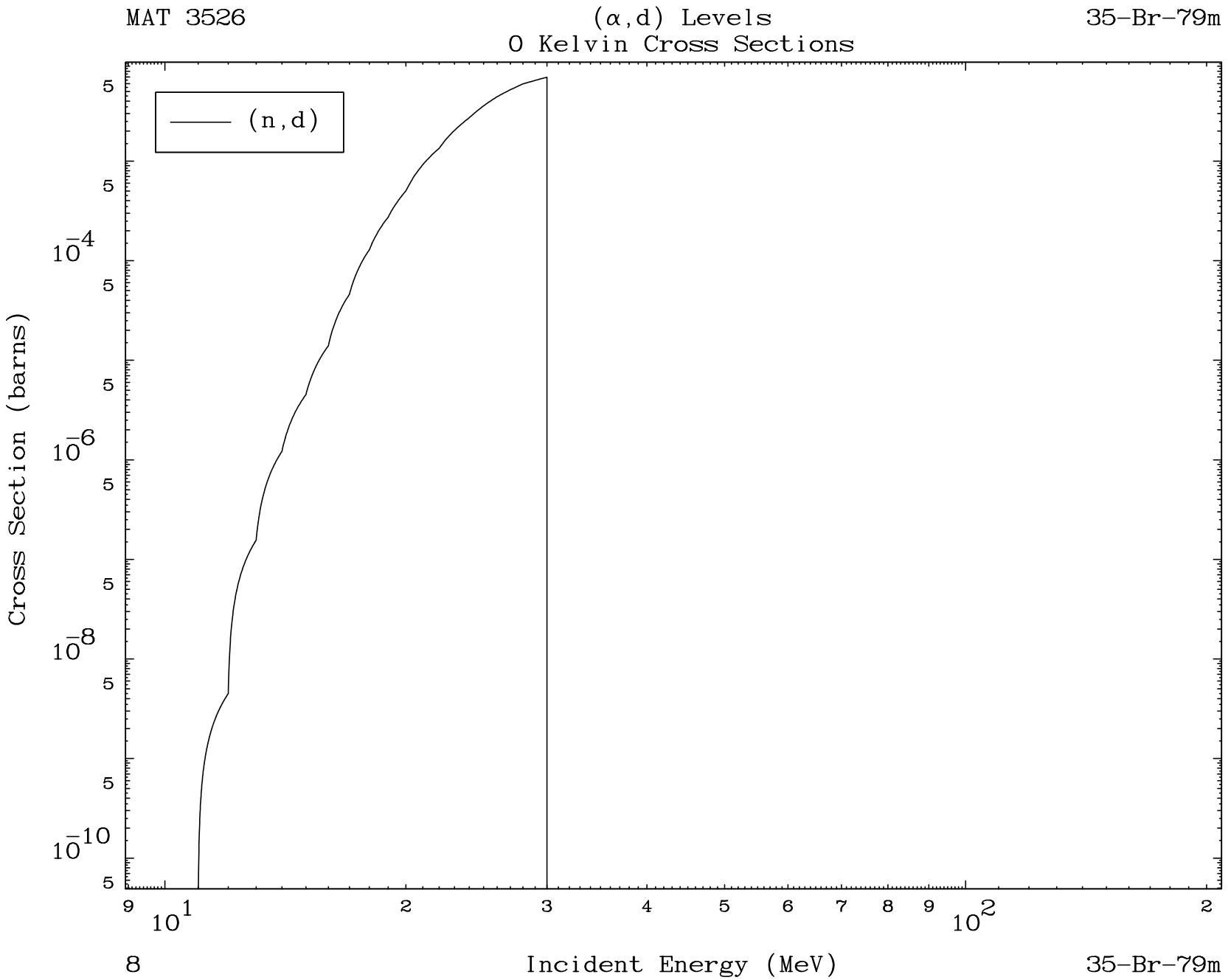

MAT 3526
α Neutron Absorption
0 Kelvin Cross Sections
35-Br-79m
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
35-Br-79m

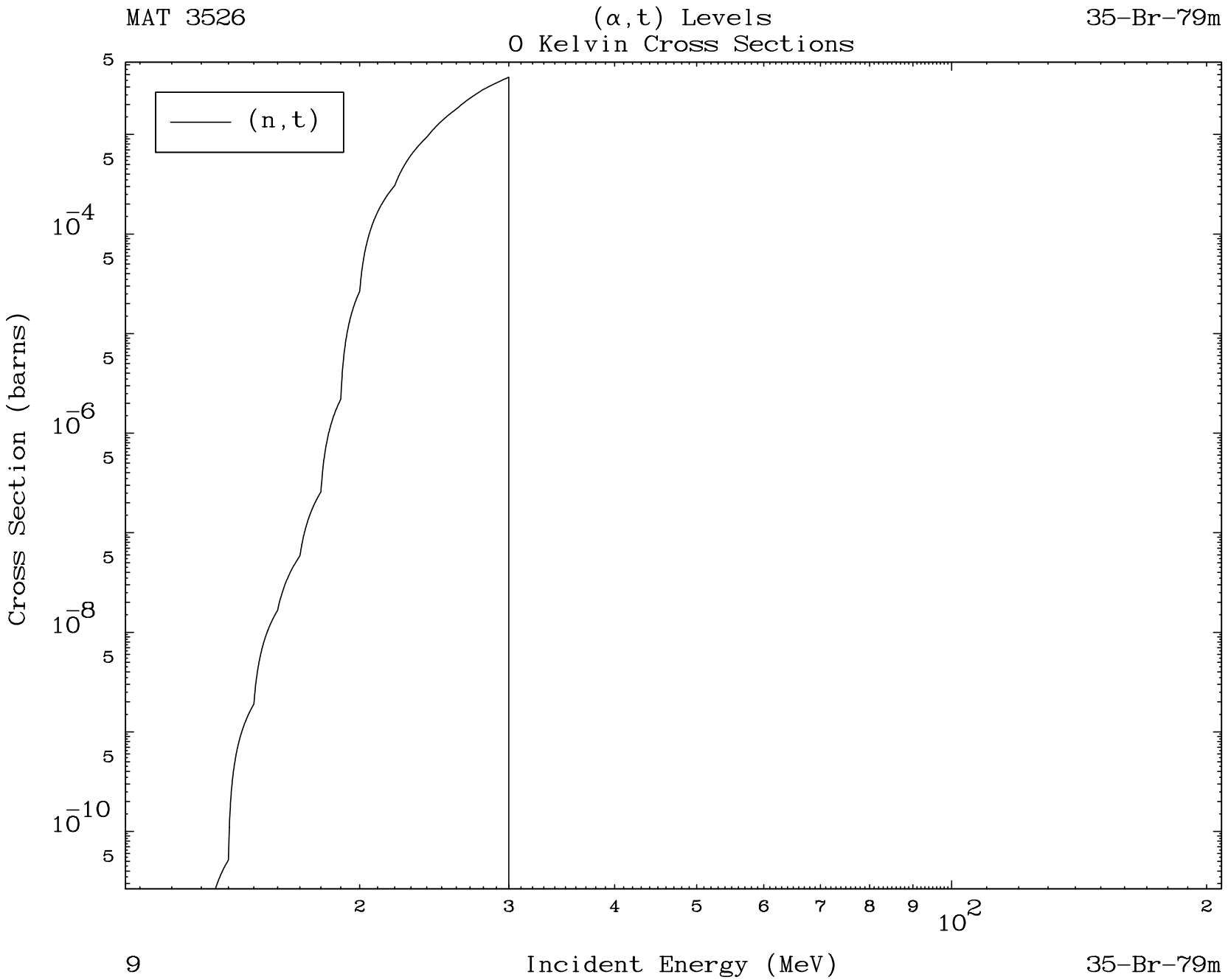

MAT 3526
α Neutron Absorption
0 Kelvin Cross Sections
35-Br-79m
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
35-Br-79m

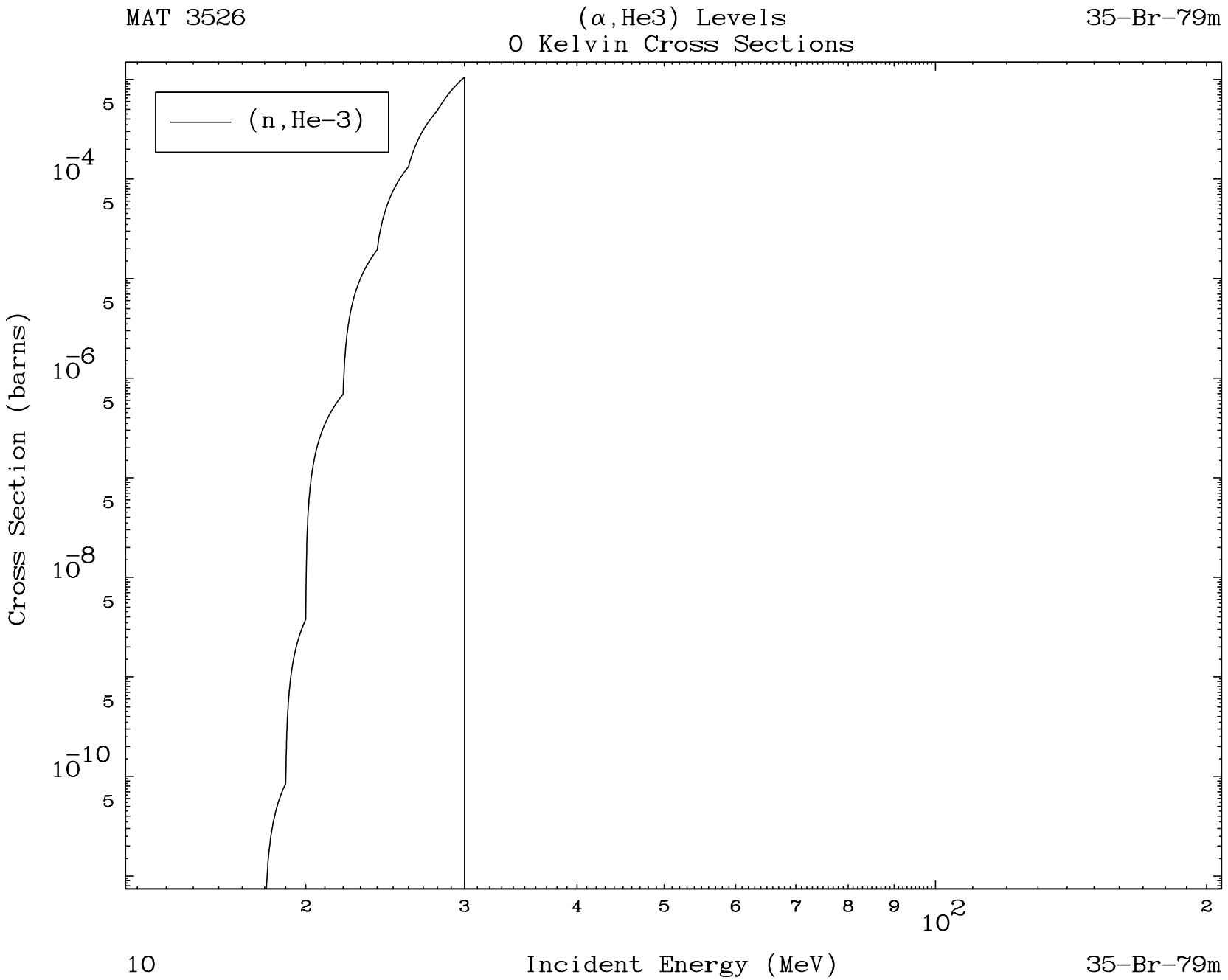

MAT 3526
α Charged Particle
0 Kelvin Cross Sections
35-Br-79m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
5
35-Br-79m

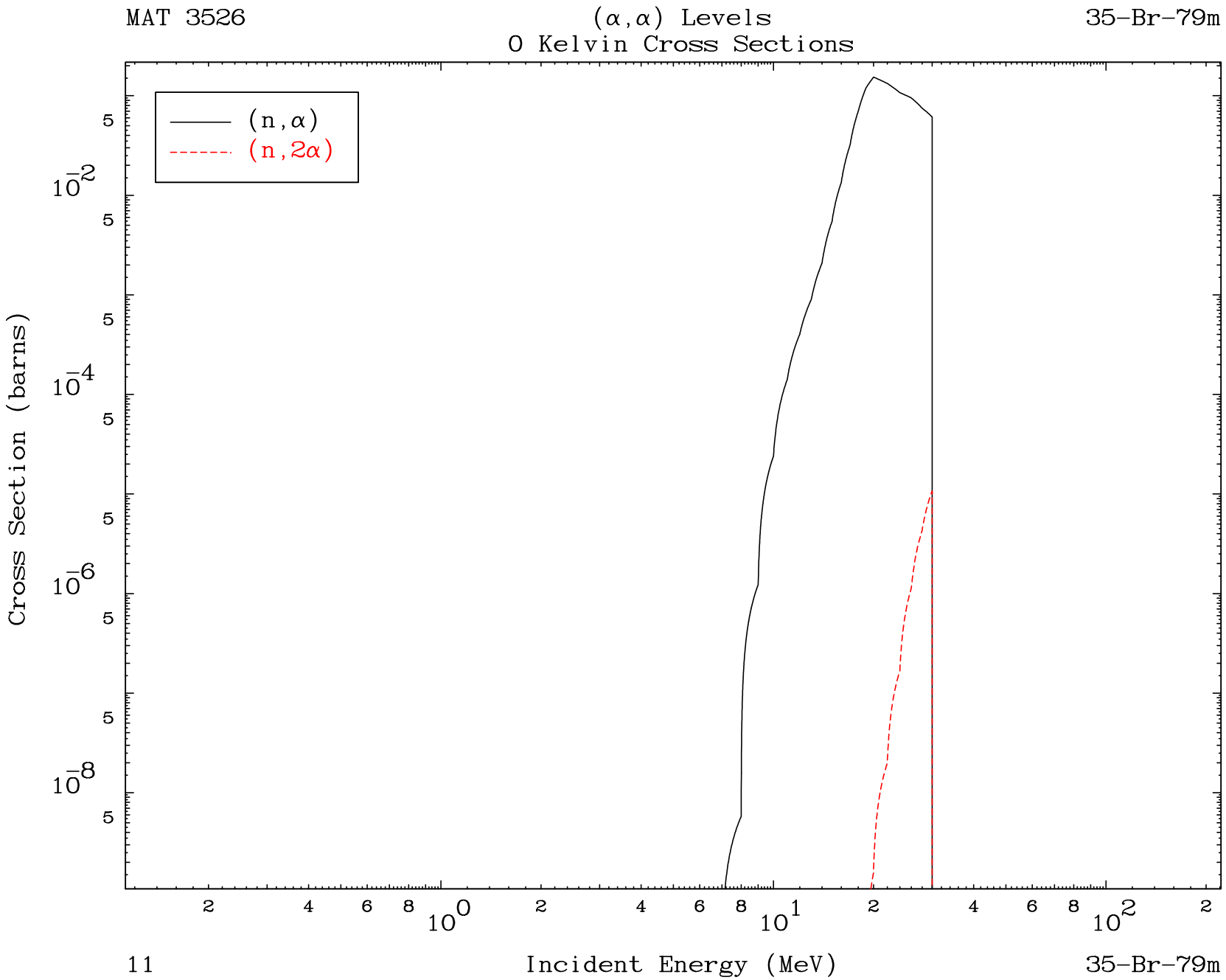

MAT 3526
α Charged Particle
0 Kelvin Cross Sections
35-Br-79m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
35-Br-79m

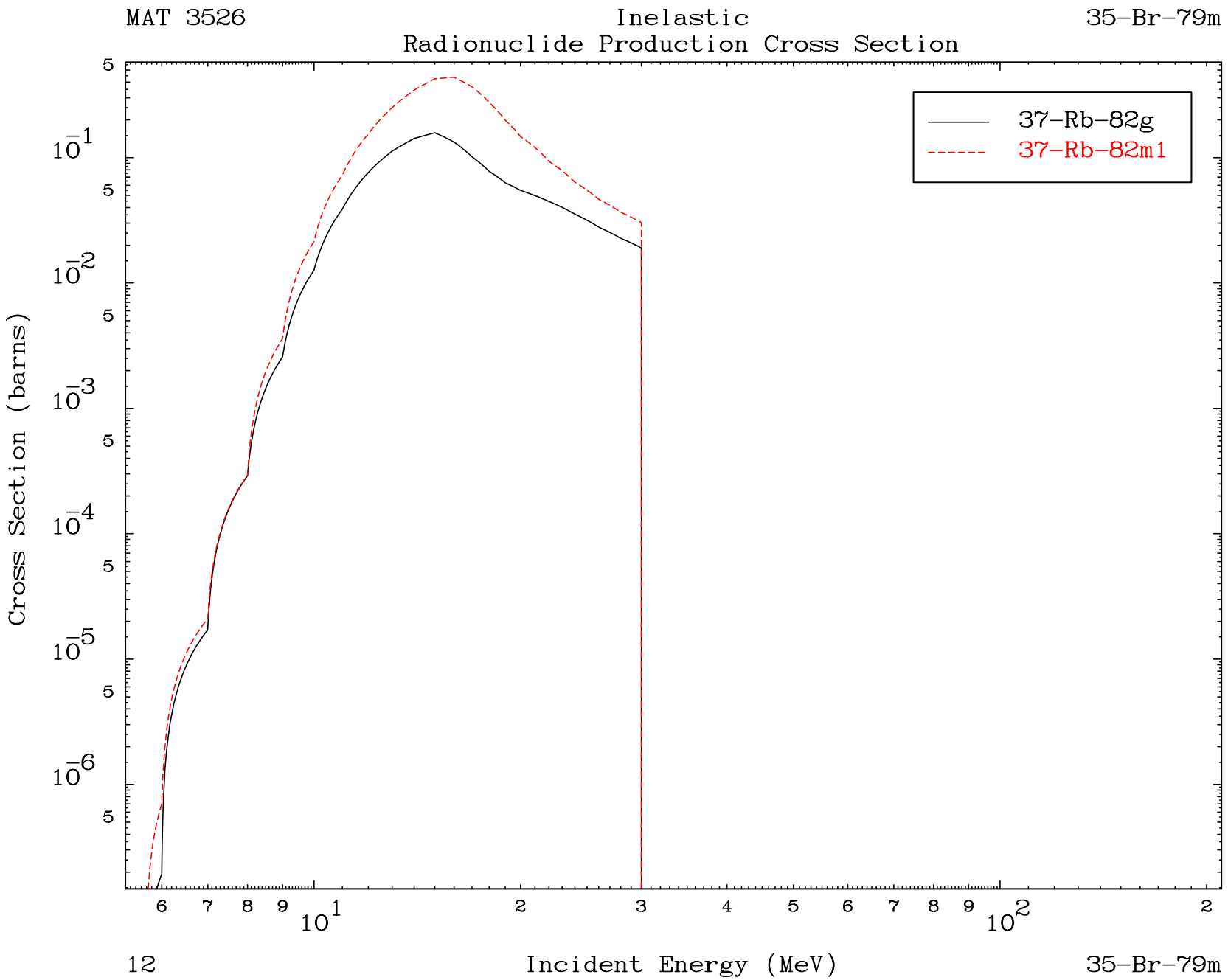

MAT 3526
(α,p) Levels
35-Br-79m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
35-Br-79m

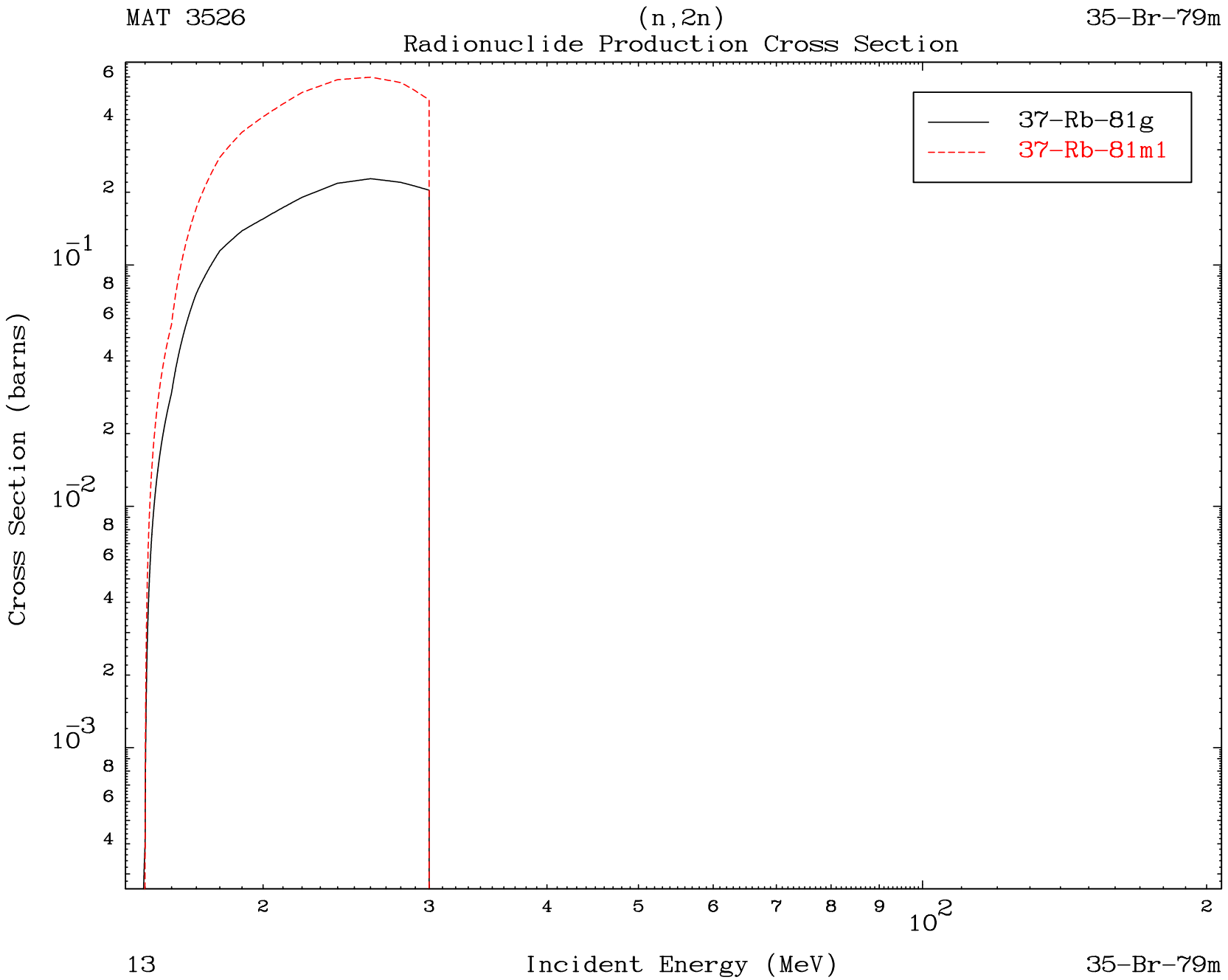

MAT 3526
(α,d) Levels
35-Br-79m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
35-Br-79m
8

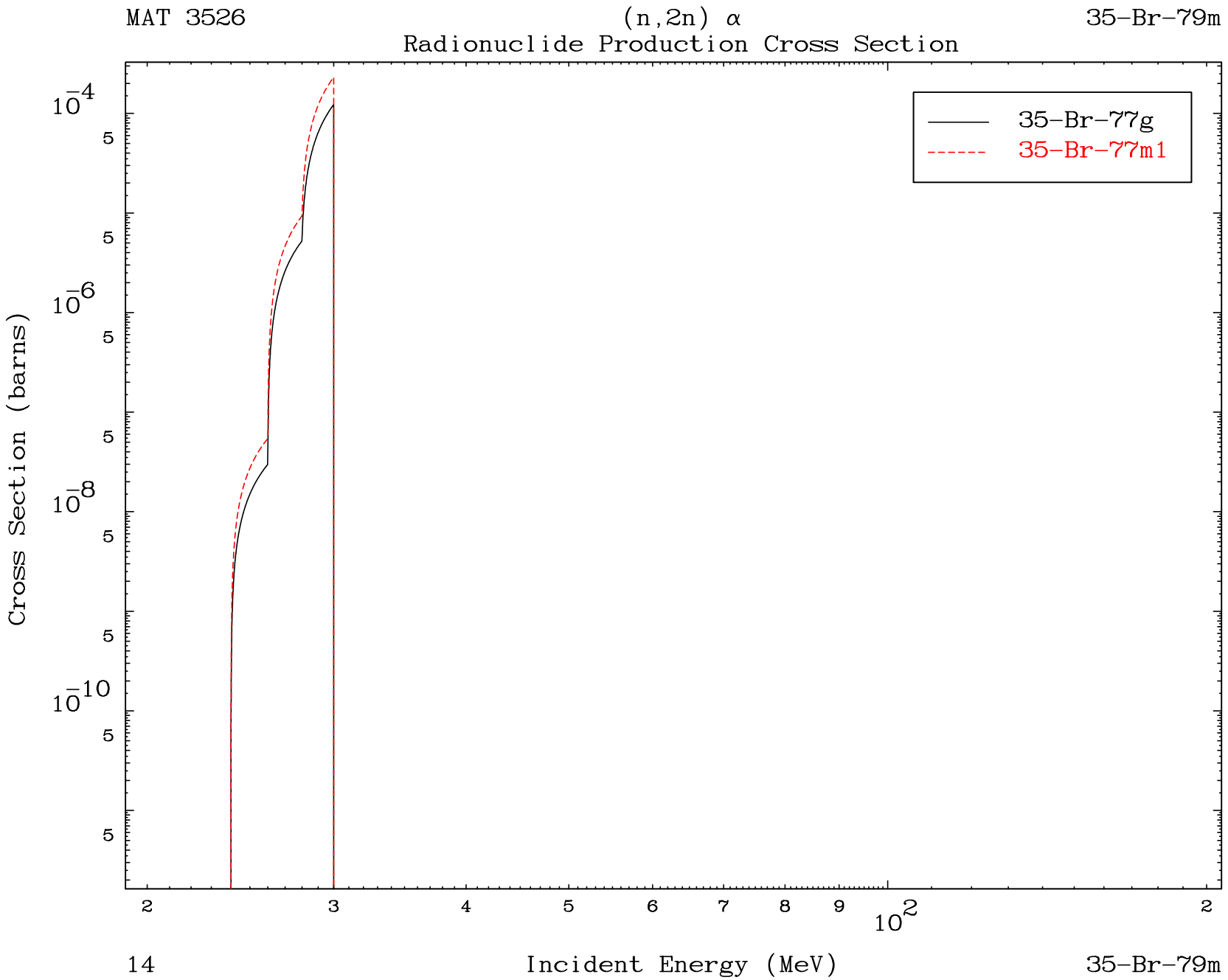

MAT 3526
(α,t) Levels
35-Br-79m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
35-Br-79m

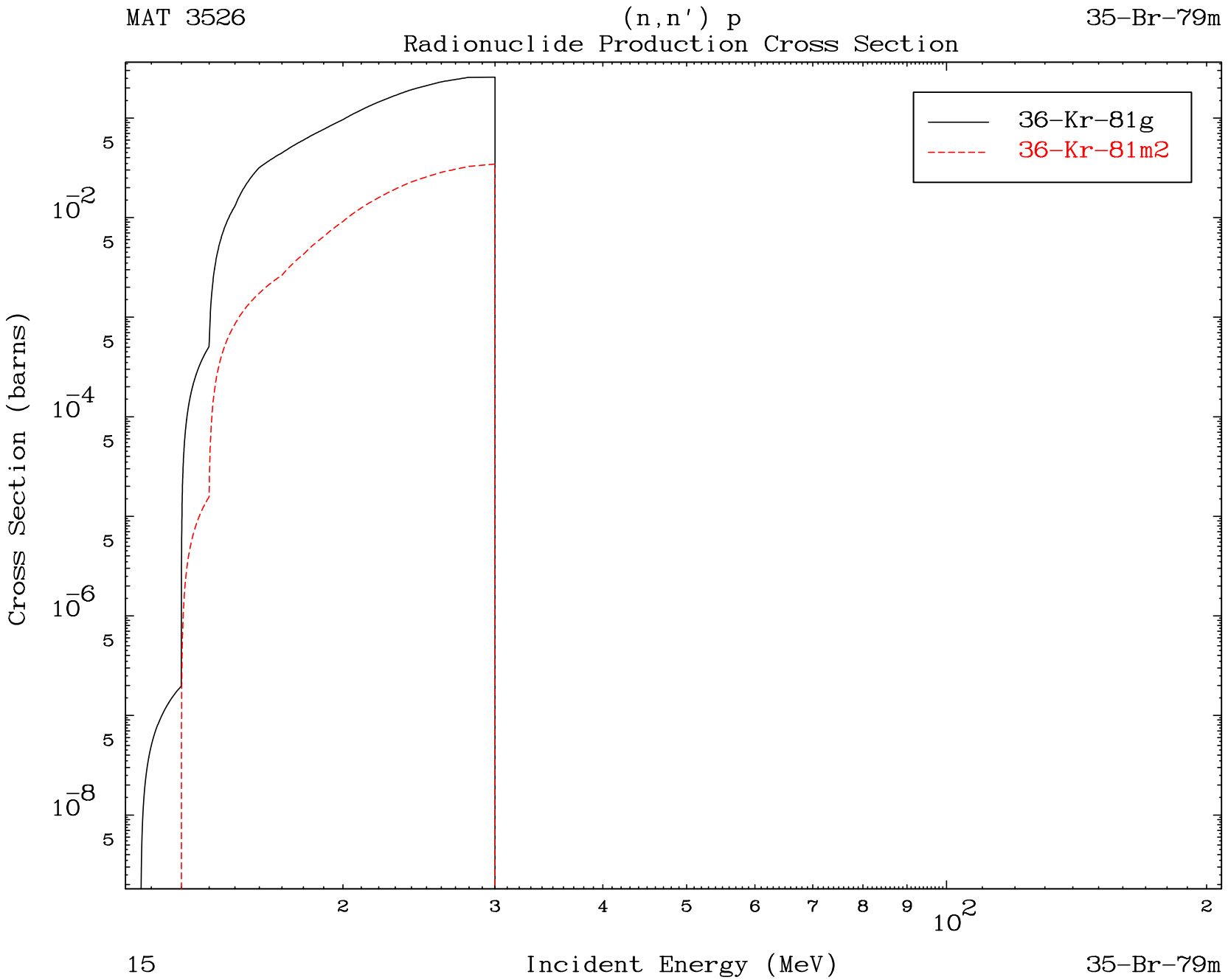

MAT 3526
(α,He3) Levels
35-Br-79m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
35-Br-79m

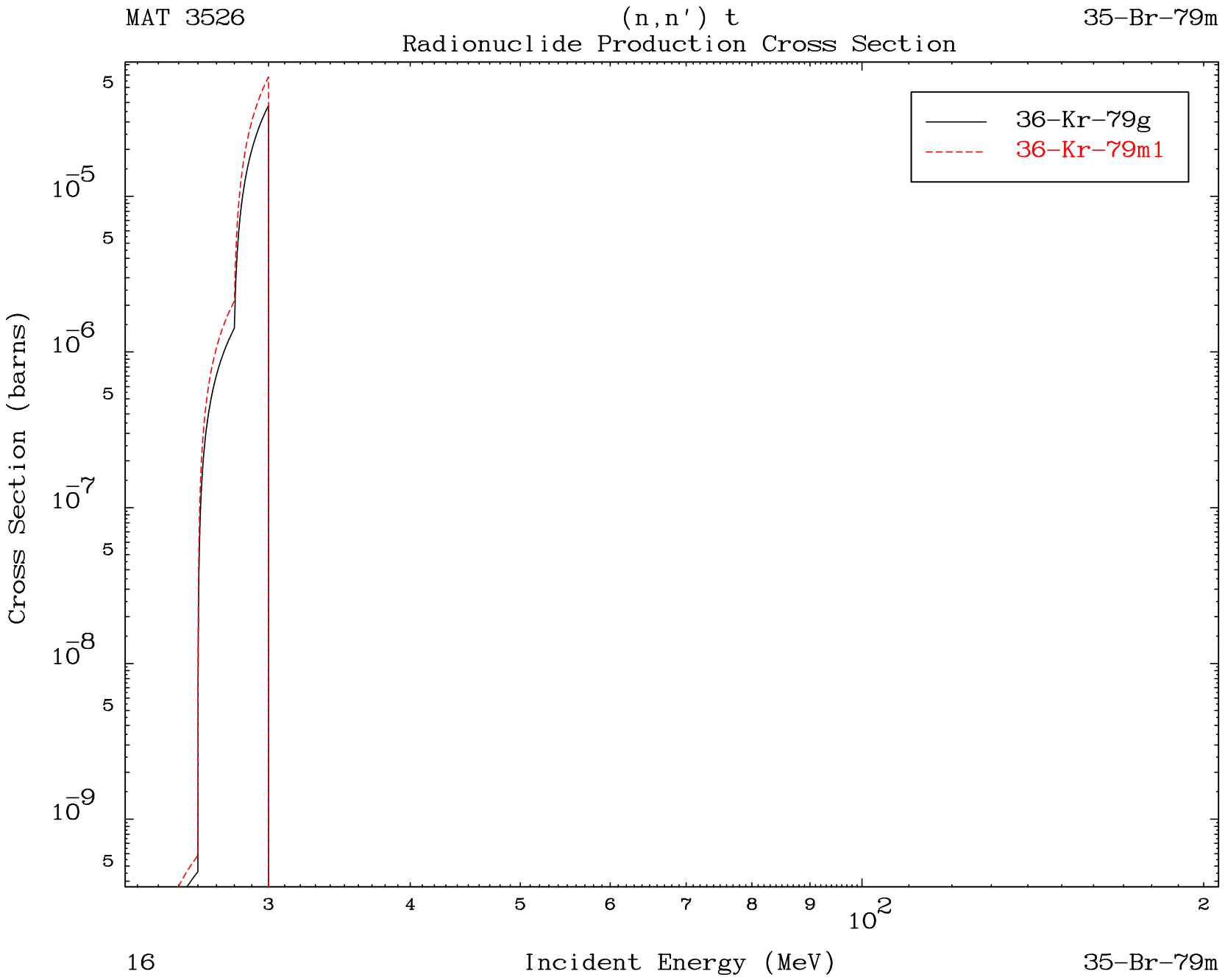

MAT 3526
(α,α) Levels
35-Br-79m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
35-Br-79m

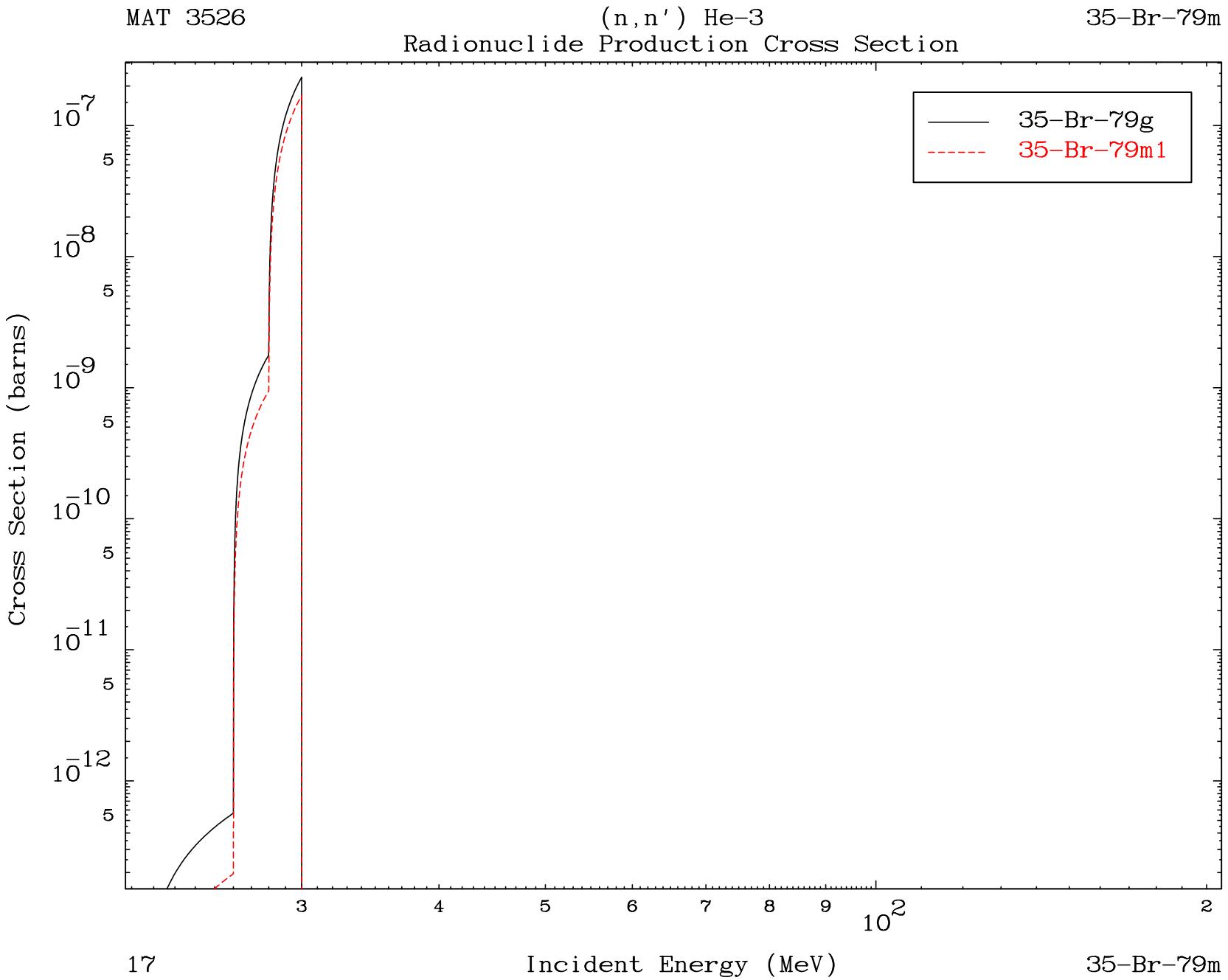

MAT 3526
Inelastic
35-Br-79m
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
12
35-Br-79m

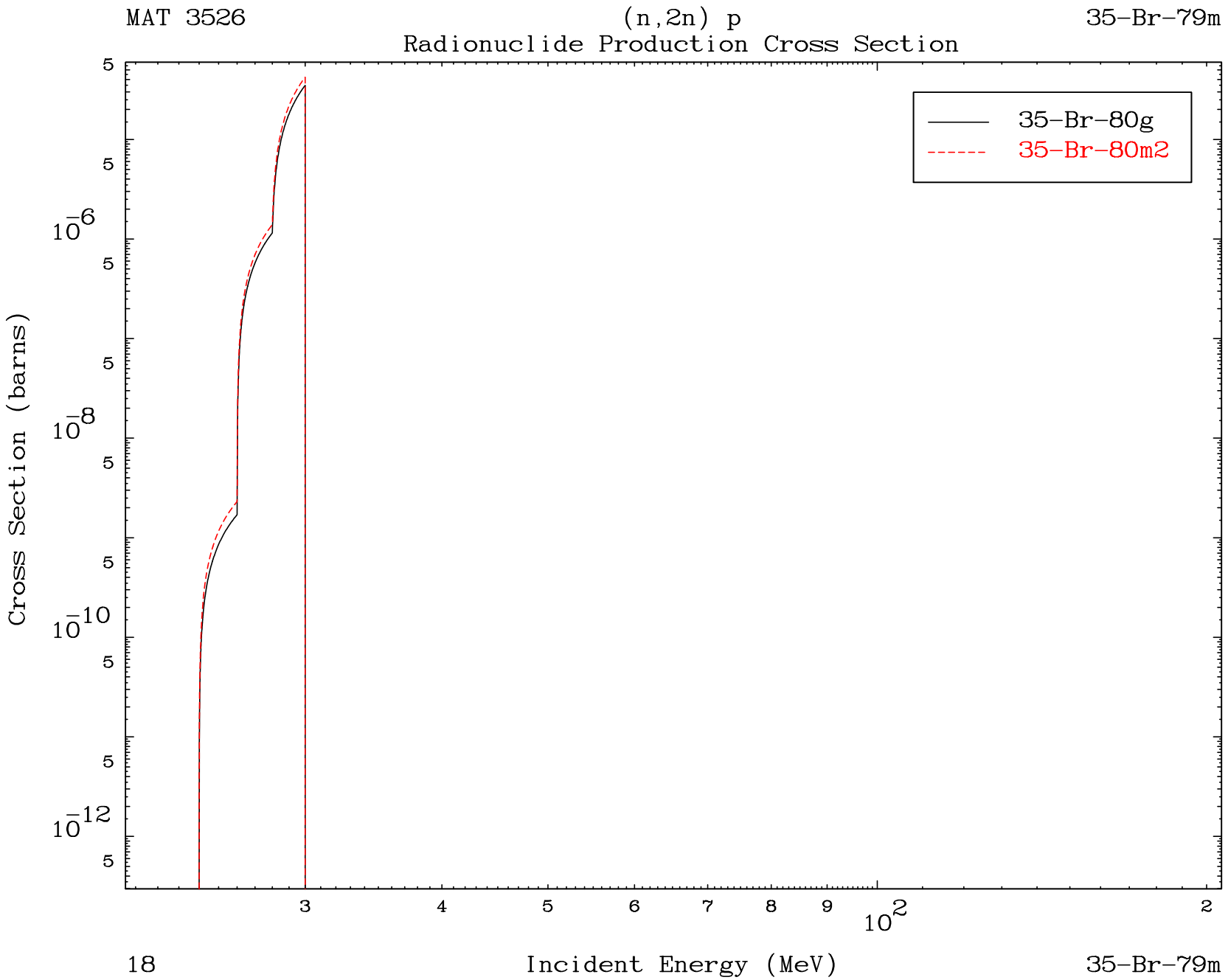

MAT 3526
(n,2n)
35-Br-79m
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
13
35-Br-79m

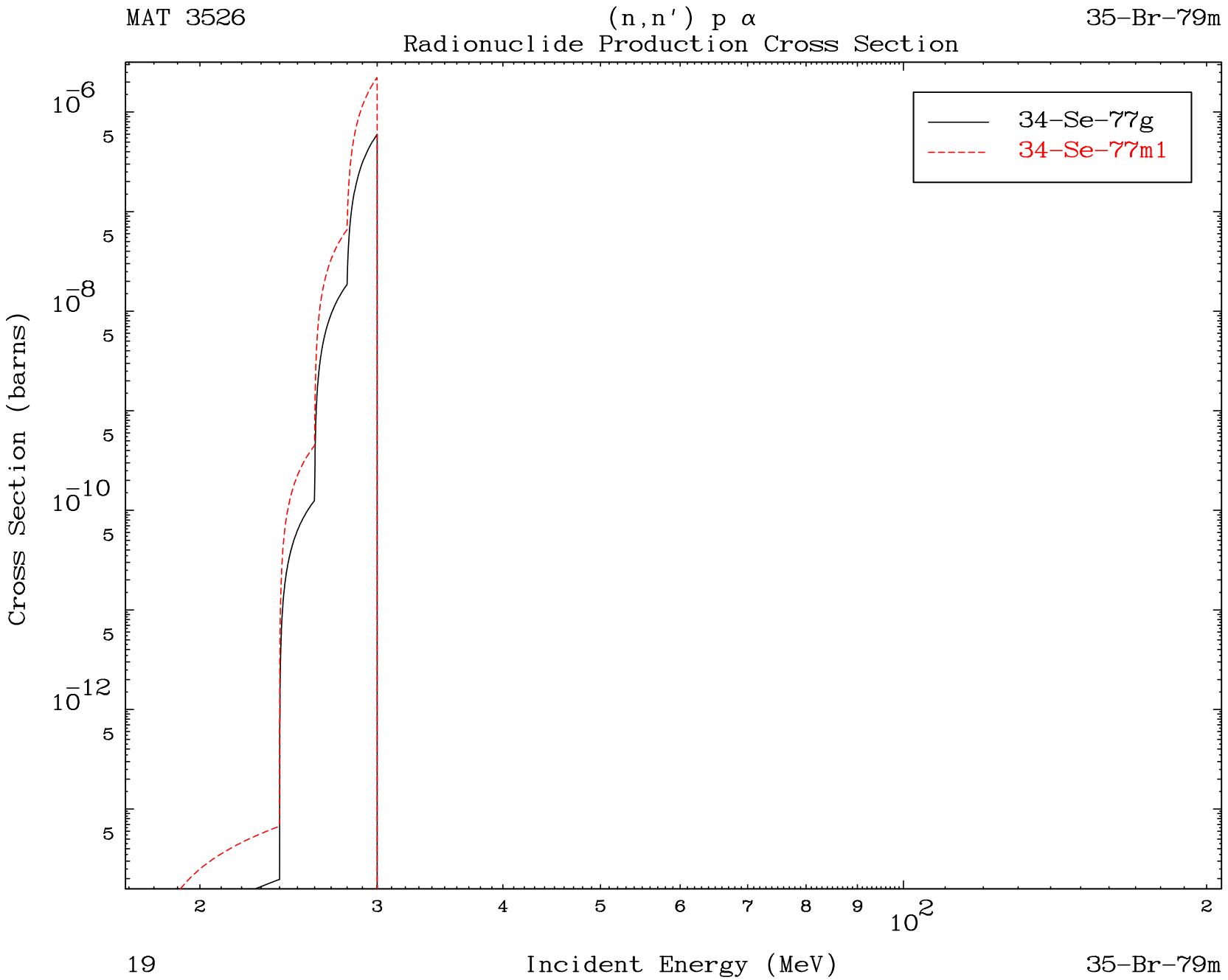

MAT 3526
(n,2n) α
35-Br-79m
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
35-Br-79m

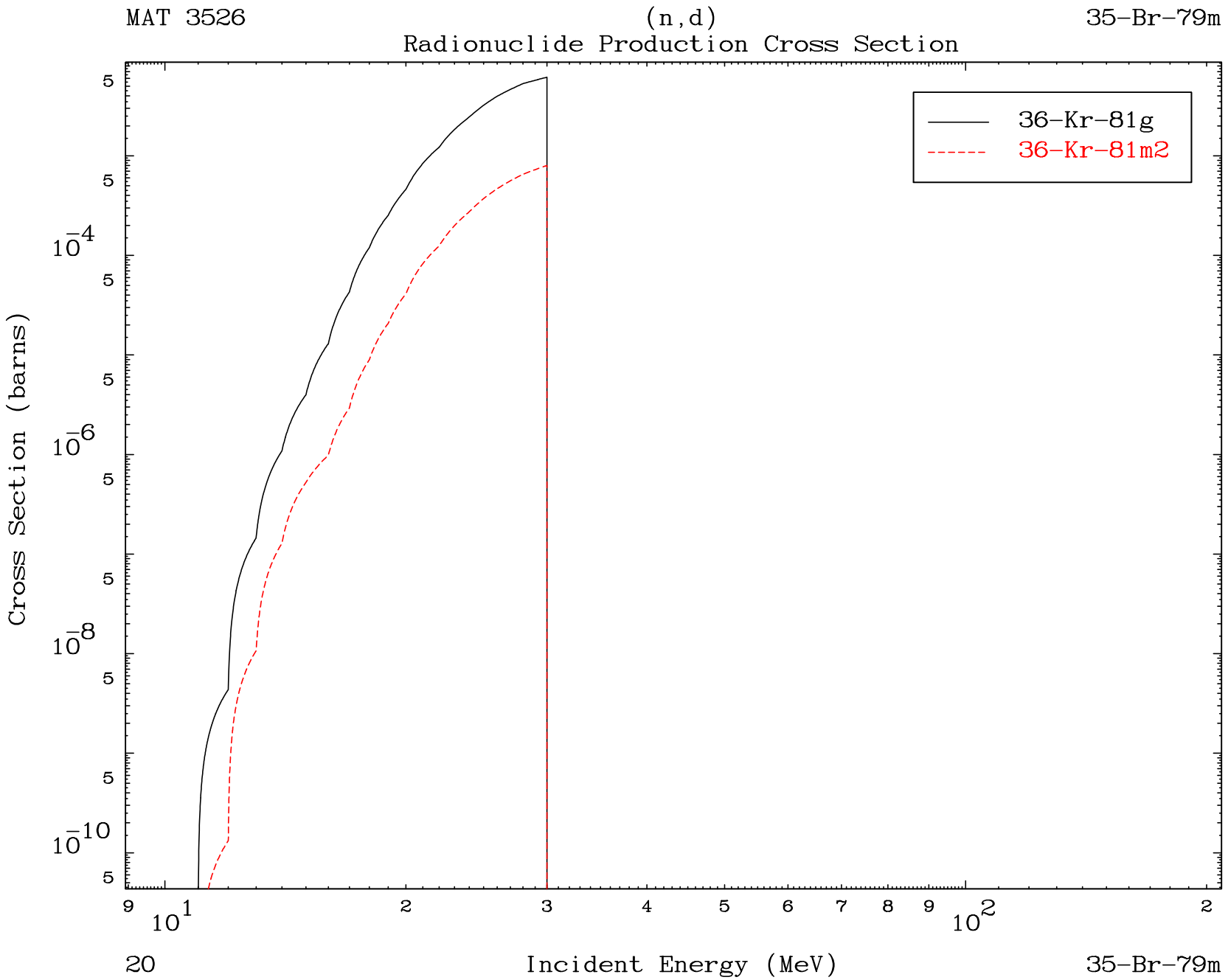

MAT 3526
(n,n') p
35-Br-79m
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
15
35-Br-79m

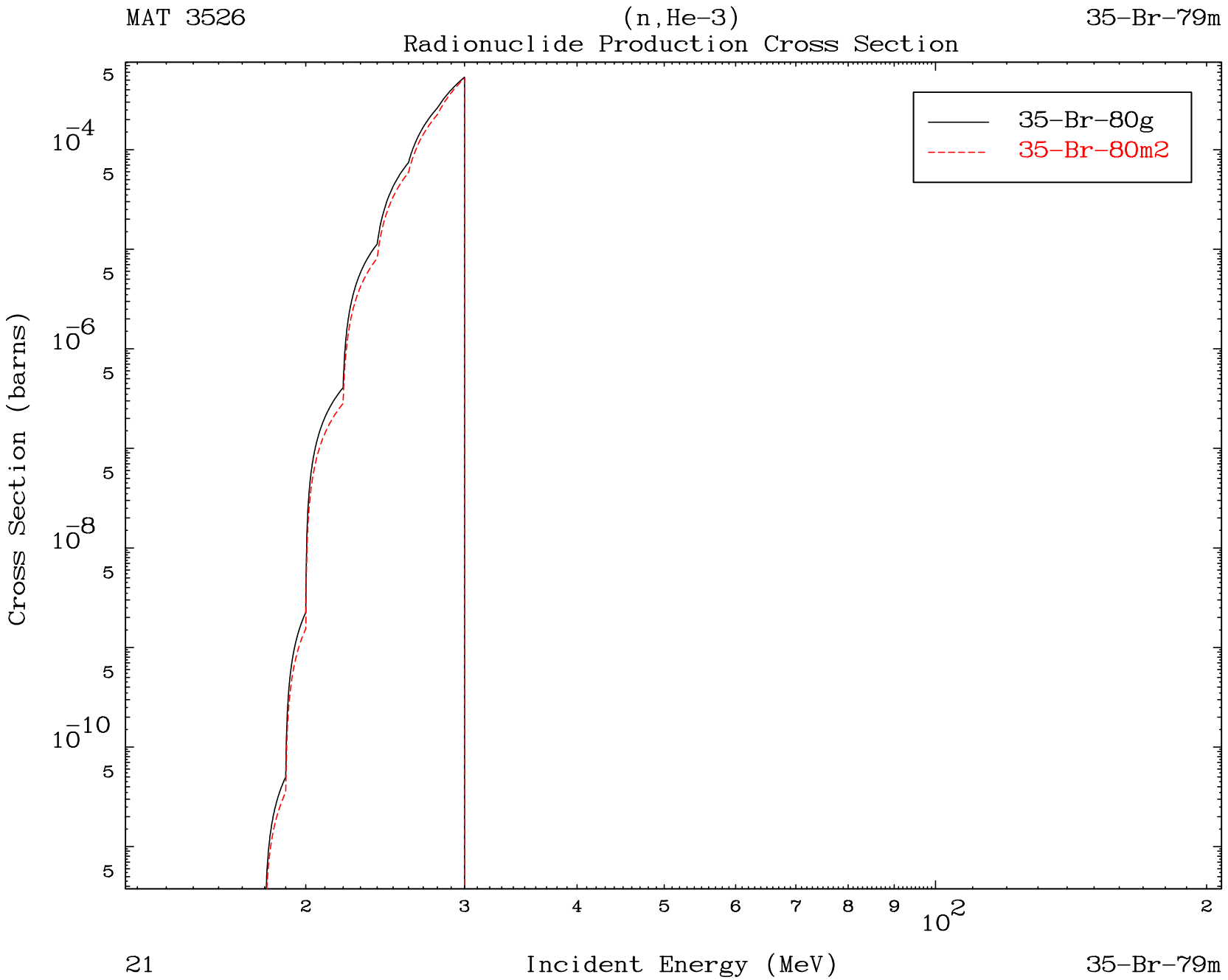

MAT 3526
(n,n') t
35-Br-79m
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
16
35-Br-79m

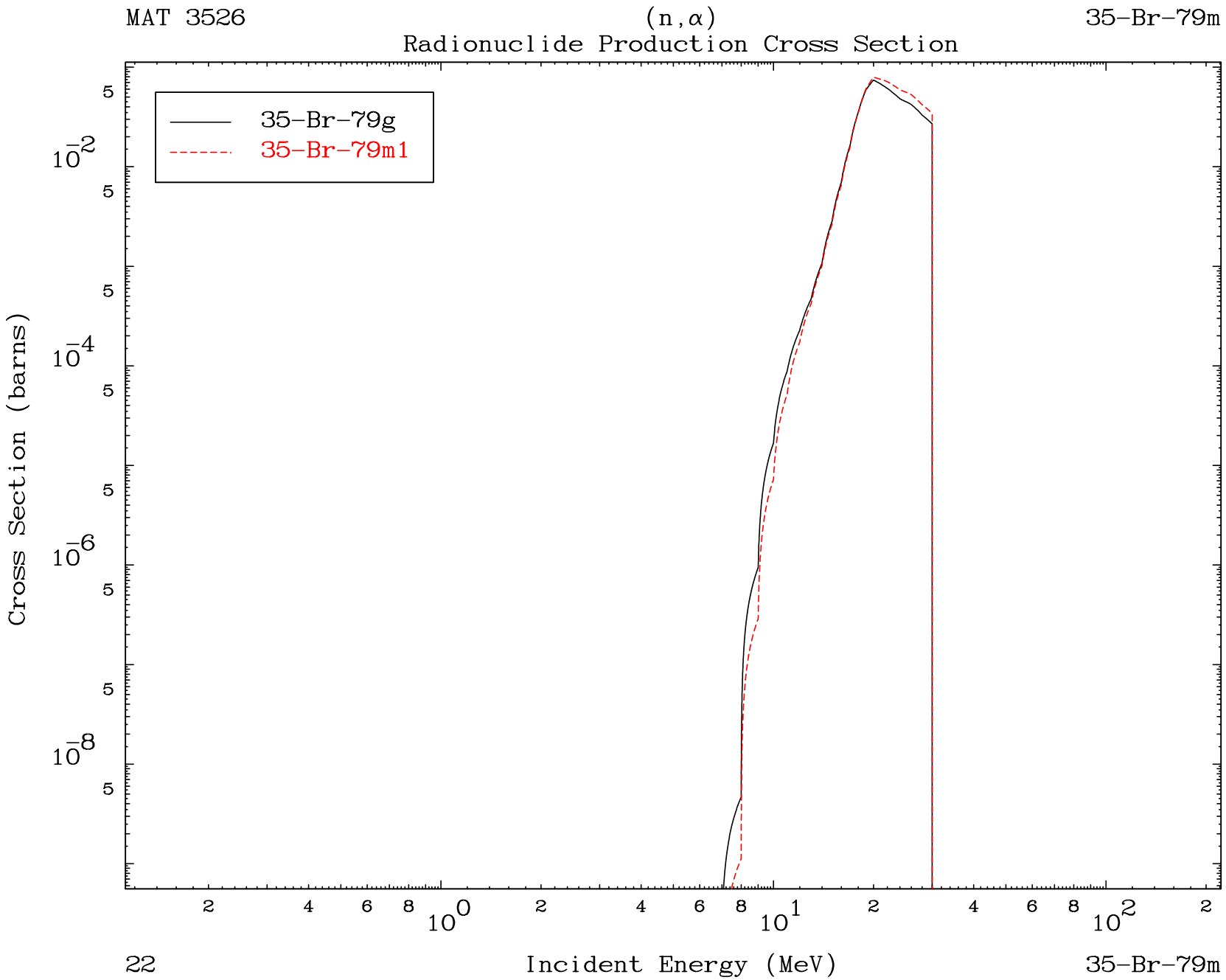

MAT 3526
(n,n') He-3
35-Br-79m
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
10-12
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
35-Br-79m

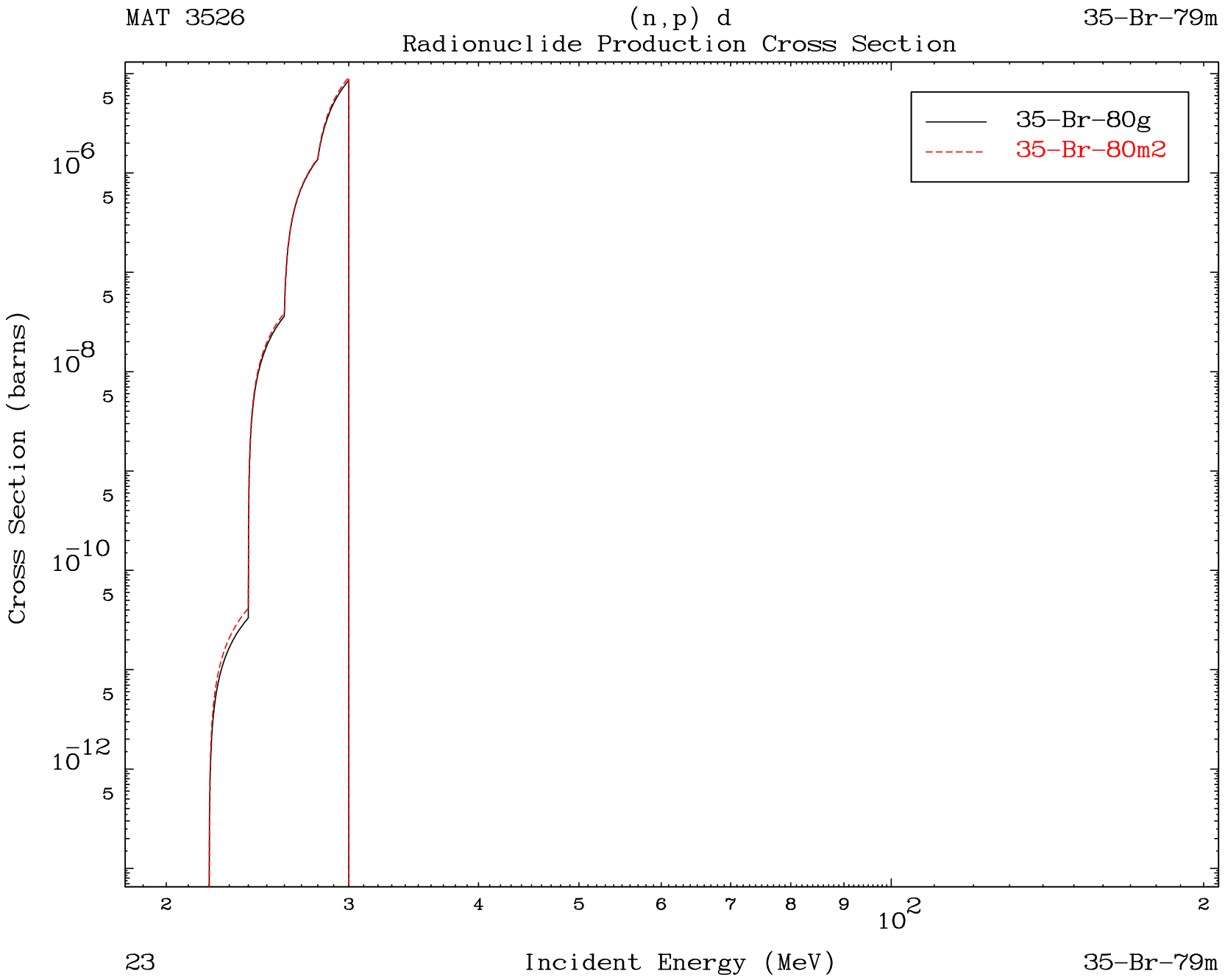

MAT 3526
(n,2n) p
35-Br-79m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
6
7
8
9
10^2
2
18
Incident Energy (MeV)
35-Br-79m

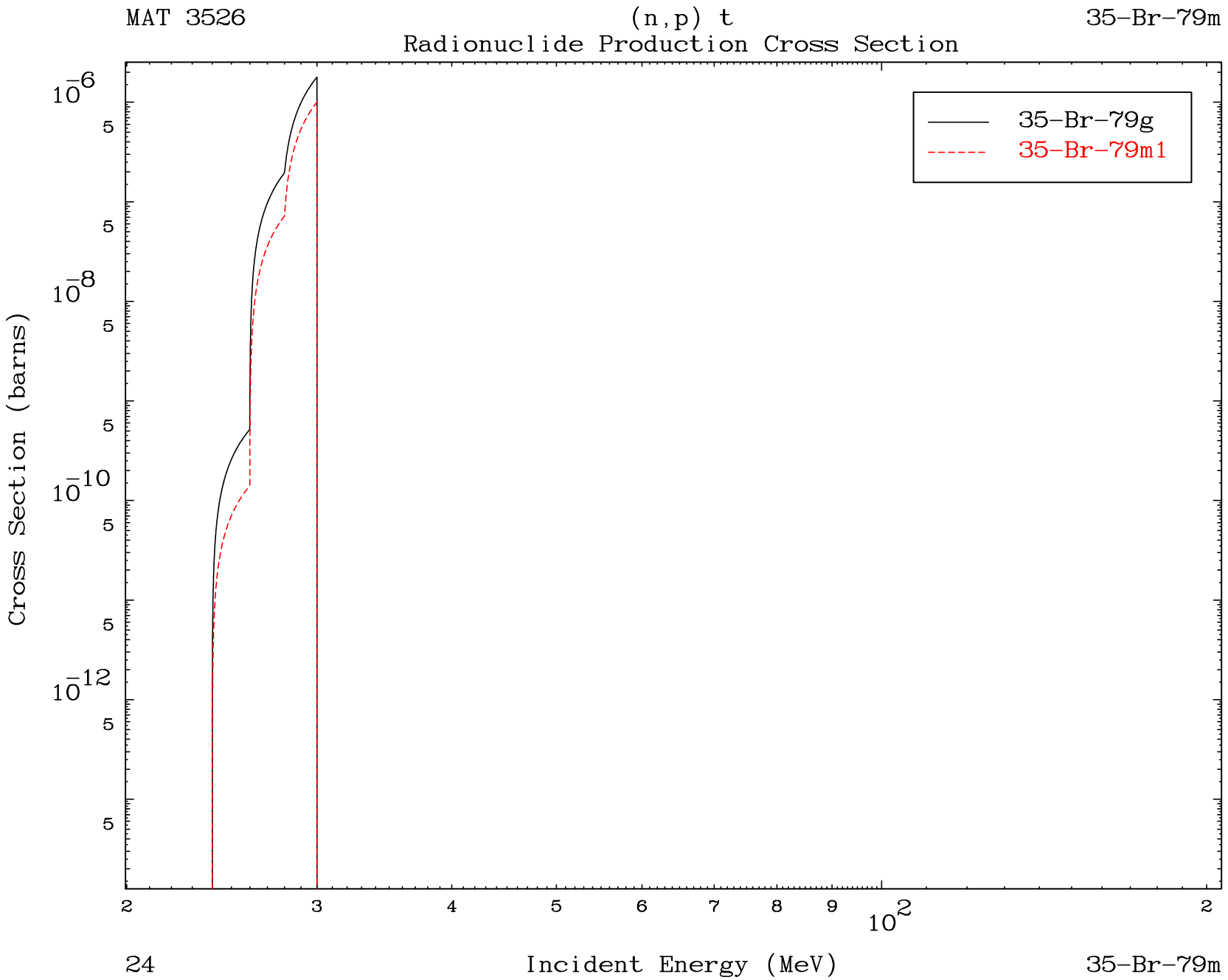

MAT 3526
(n,n') p α
35-Br-79m
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
35-Br-79m

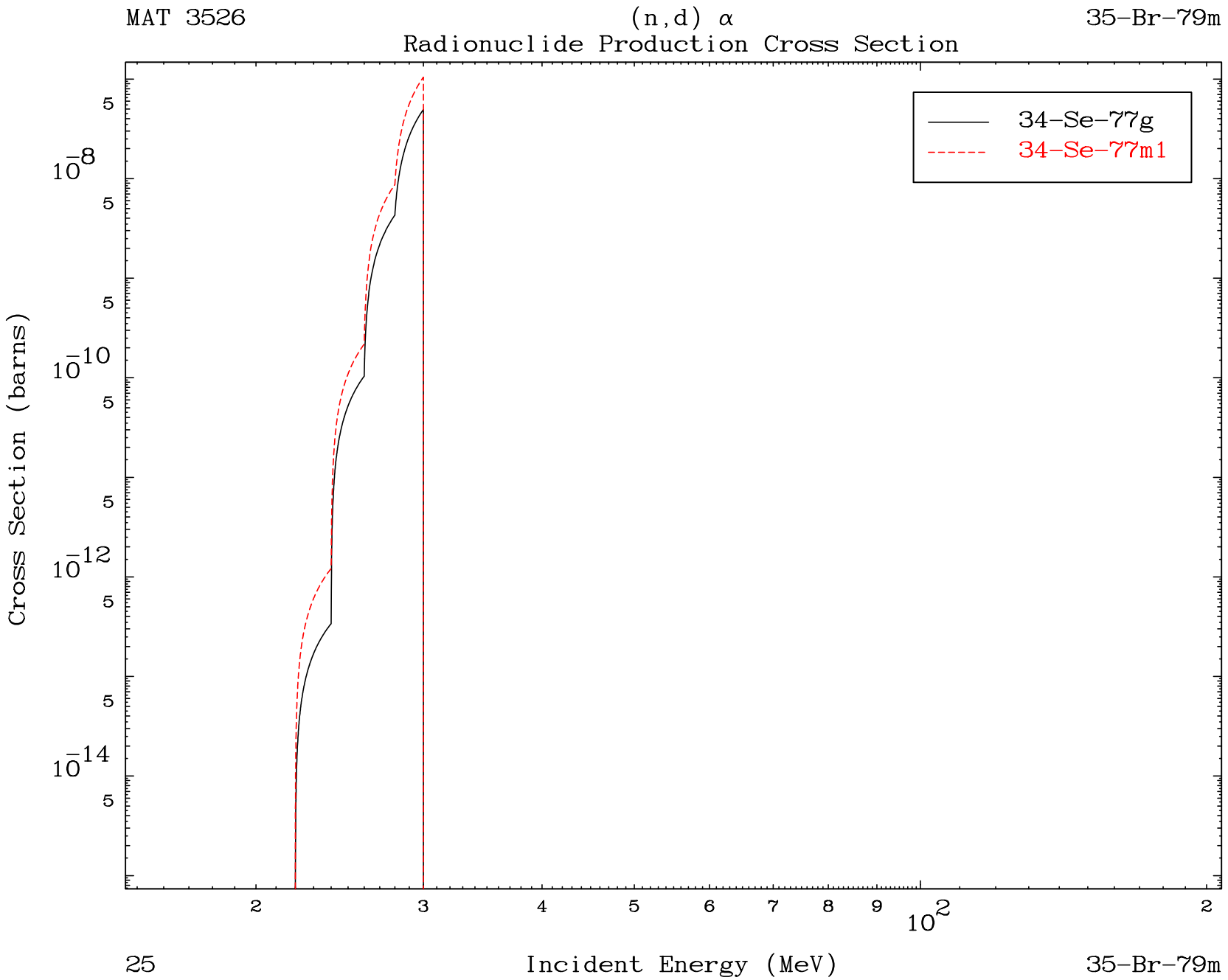

MAT 3526
(n,d)
35-Br-79m
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
35-Br-79m
20


MAT 3526
(n,He-3)
35-Br-79m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
21
35-Br-79m


MAT 3526
(n,α)
35-Br-79m
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
Incident Energy (MeV)
22
35-Br-79m


MAT 3526
(n,p) d
35-Br-79m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
23
35-Br-79m


MAT 3526
(n,p) t
35-Br-79m
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
35-Br-79m


MAT 3526
(n,d) α
35-Br-79m
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
25
Incident Energy (MeV)
35-Br-79m