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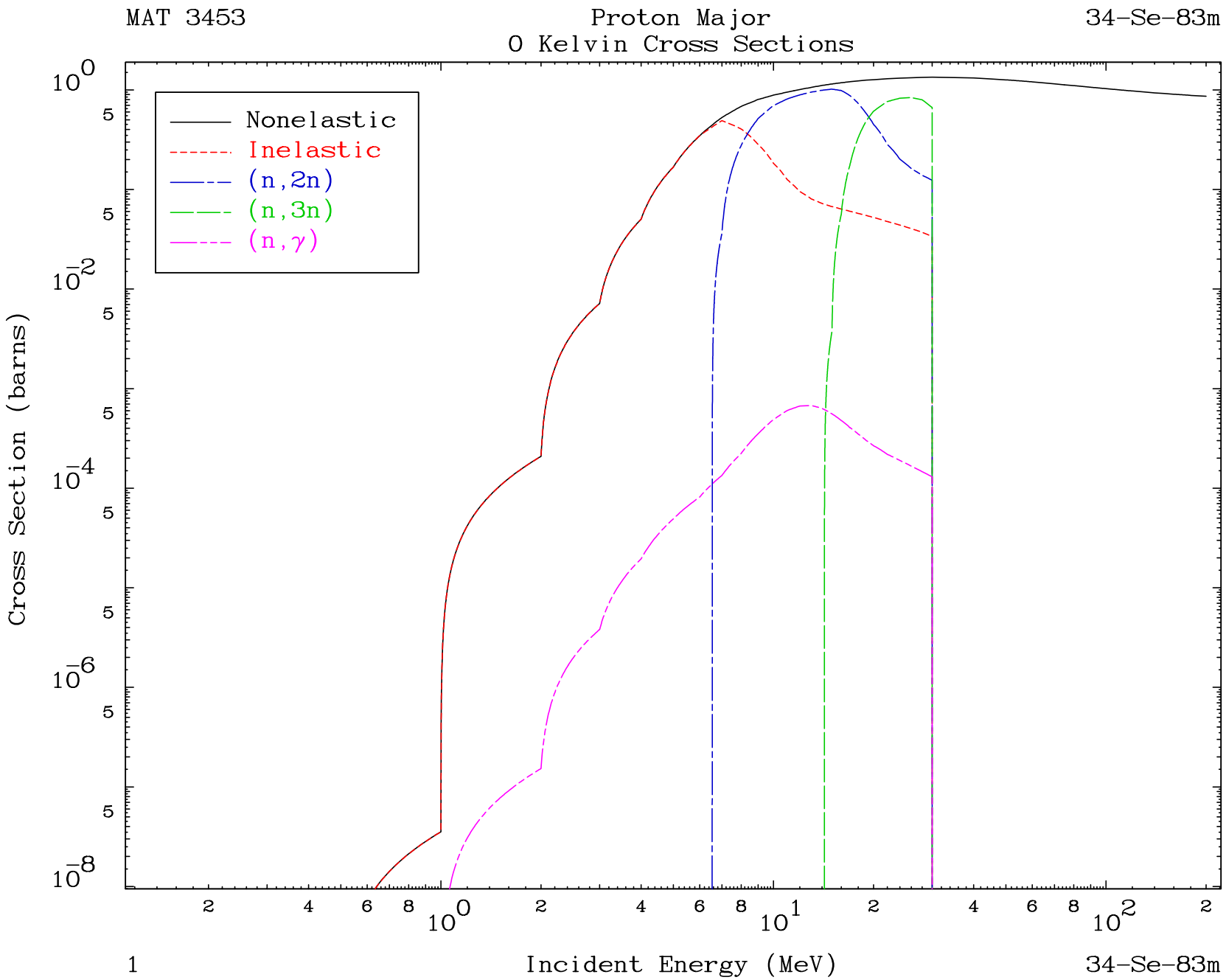
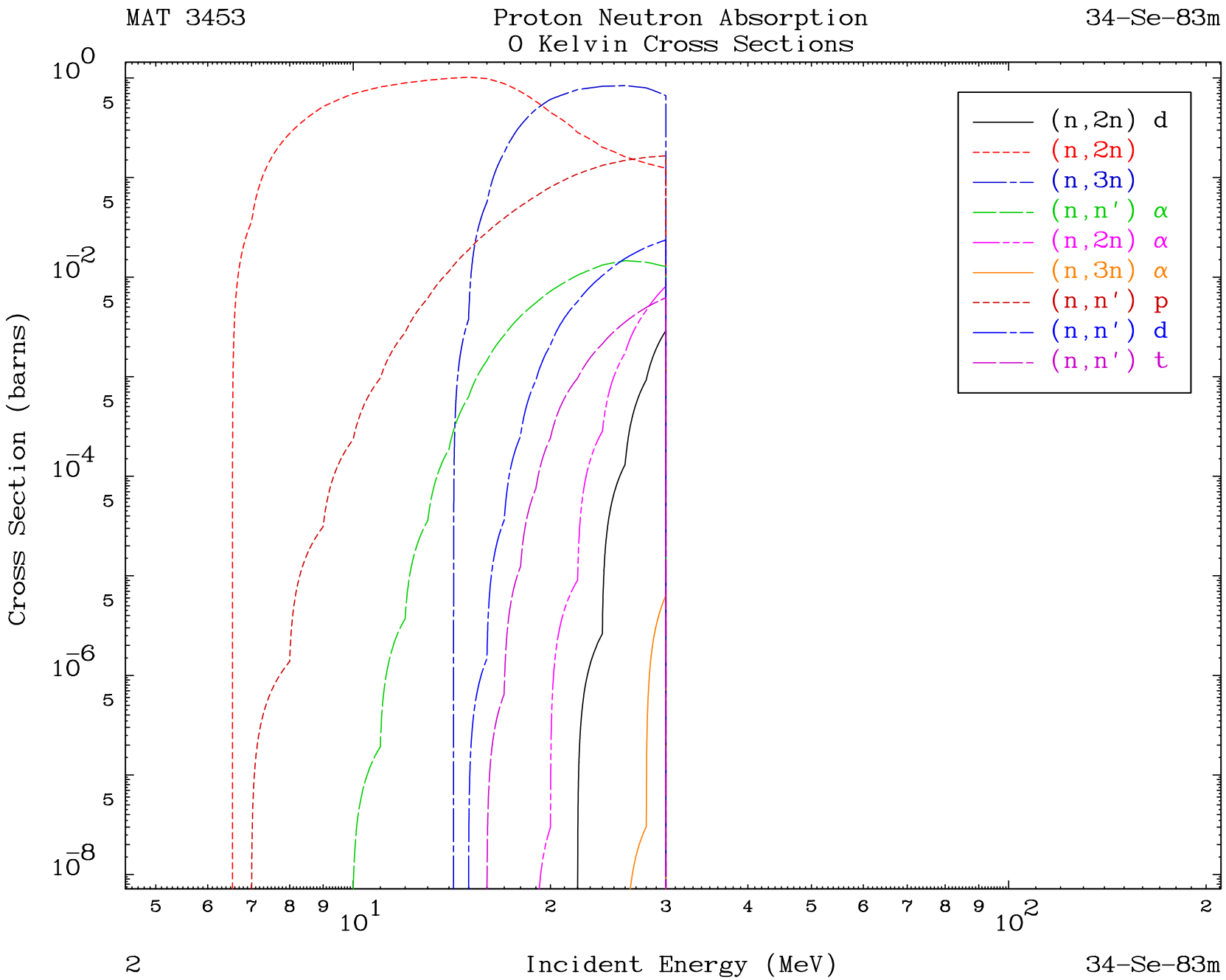
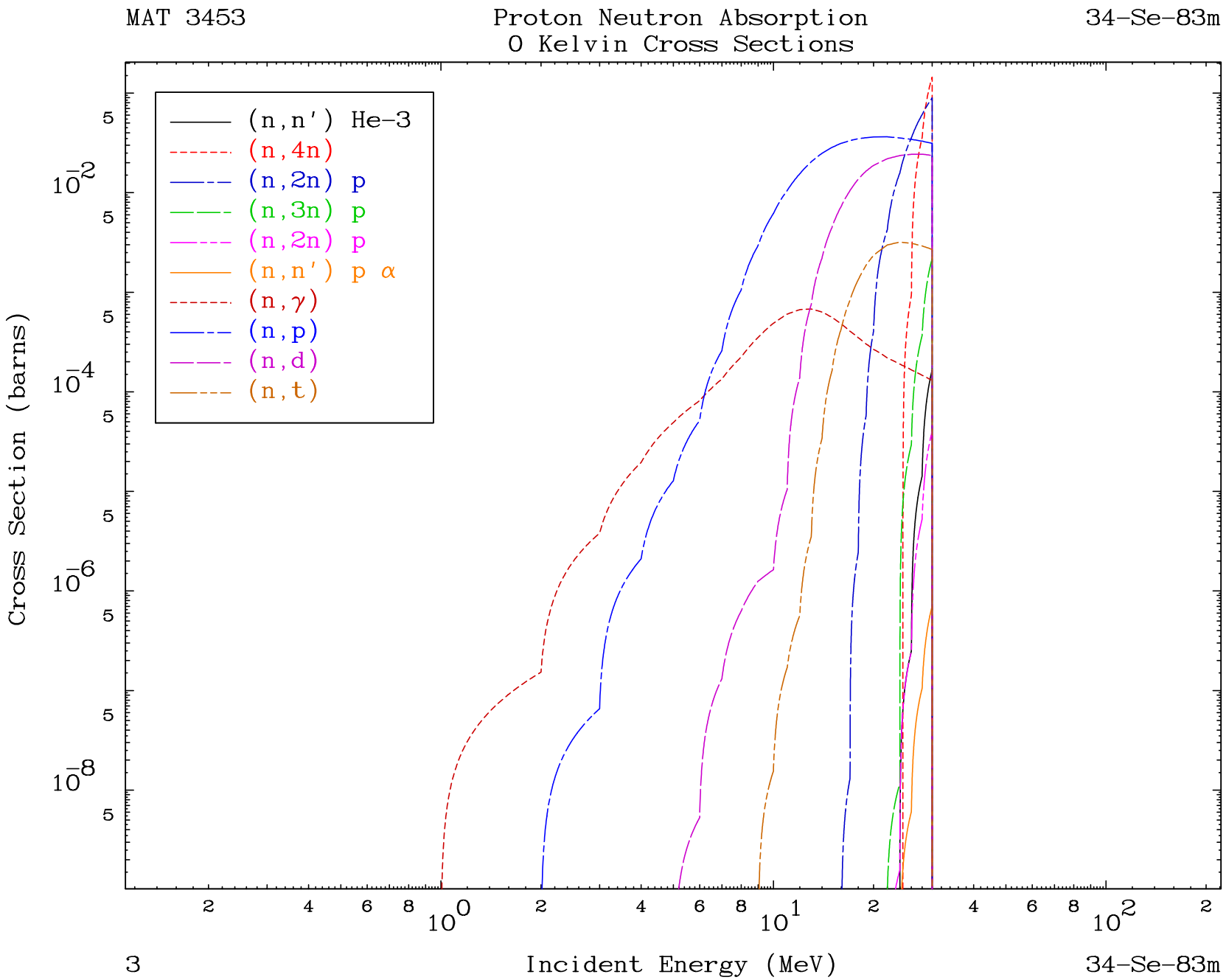
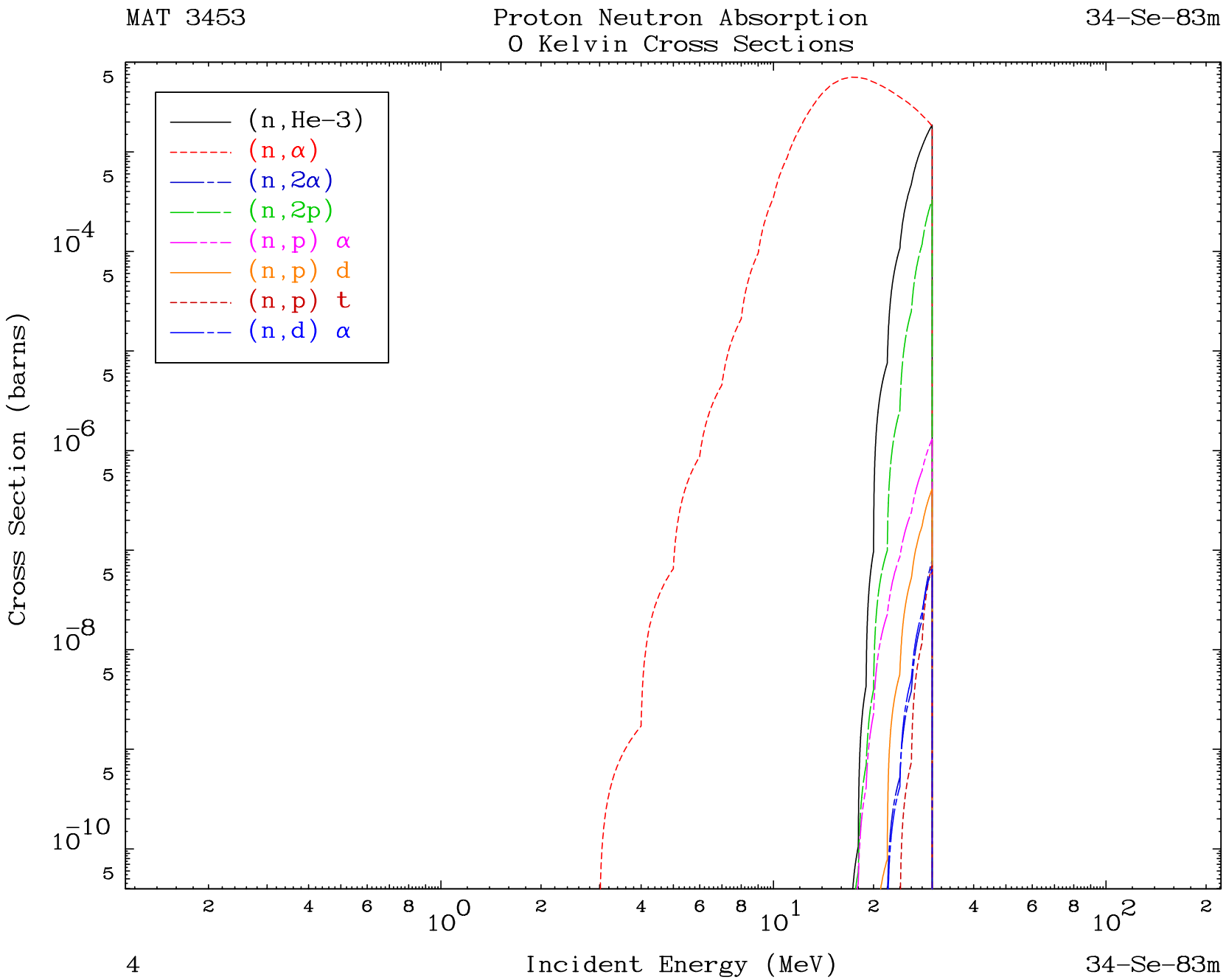
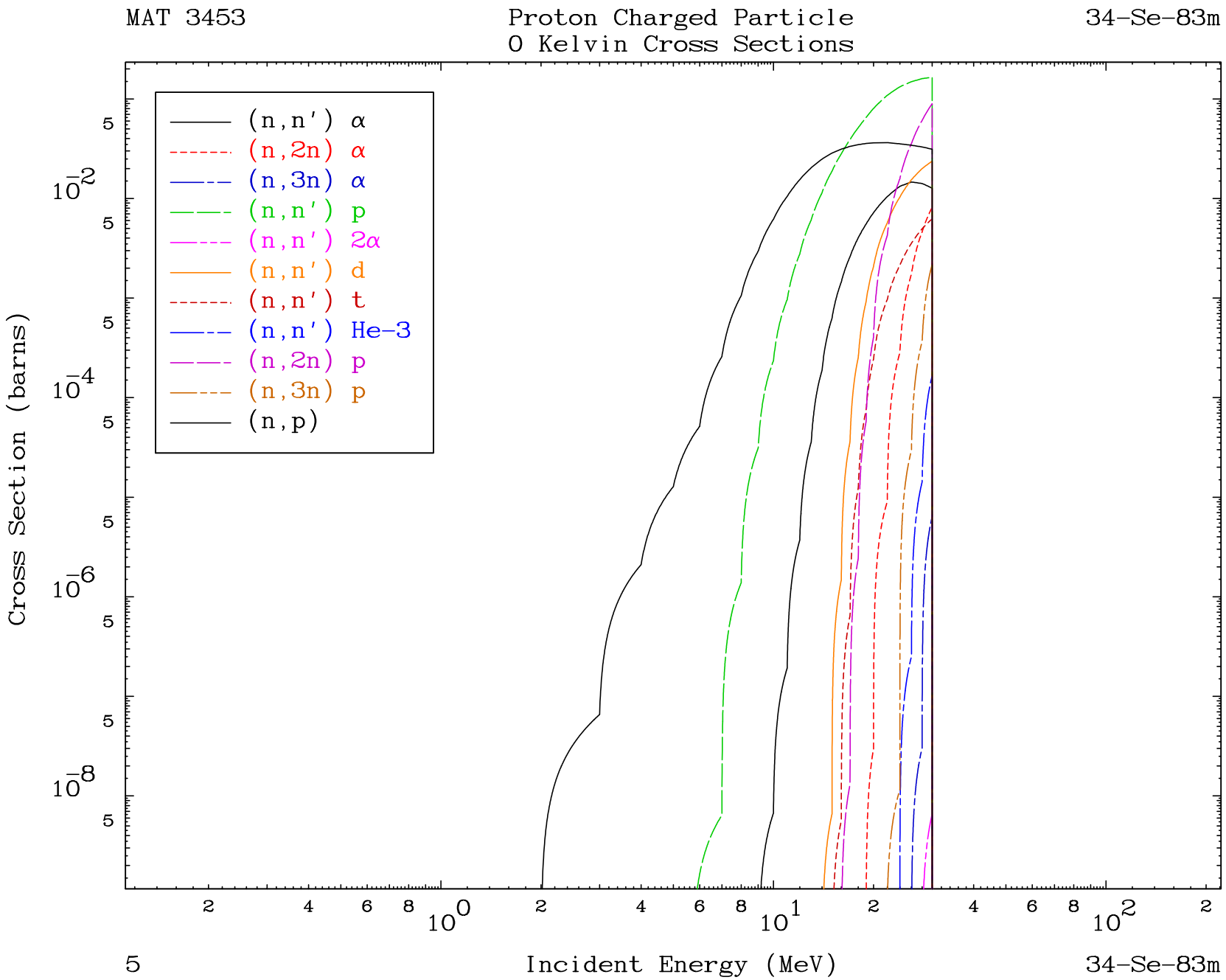
Press Mouse Button to Start

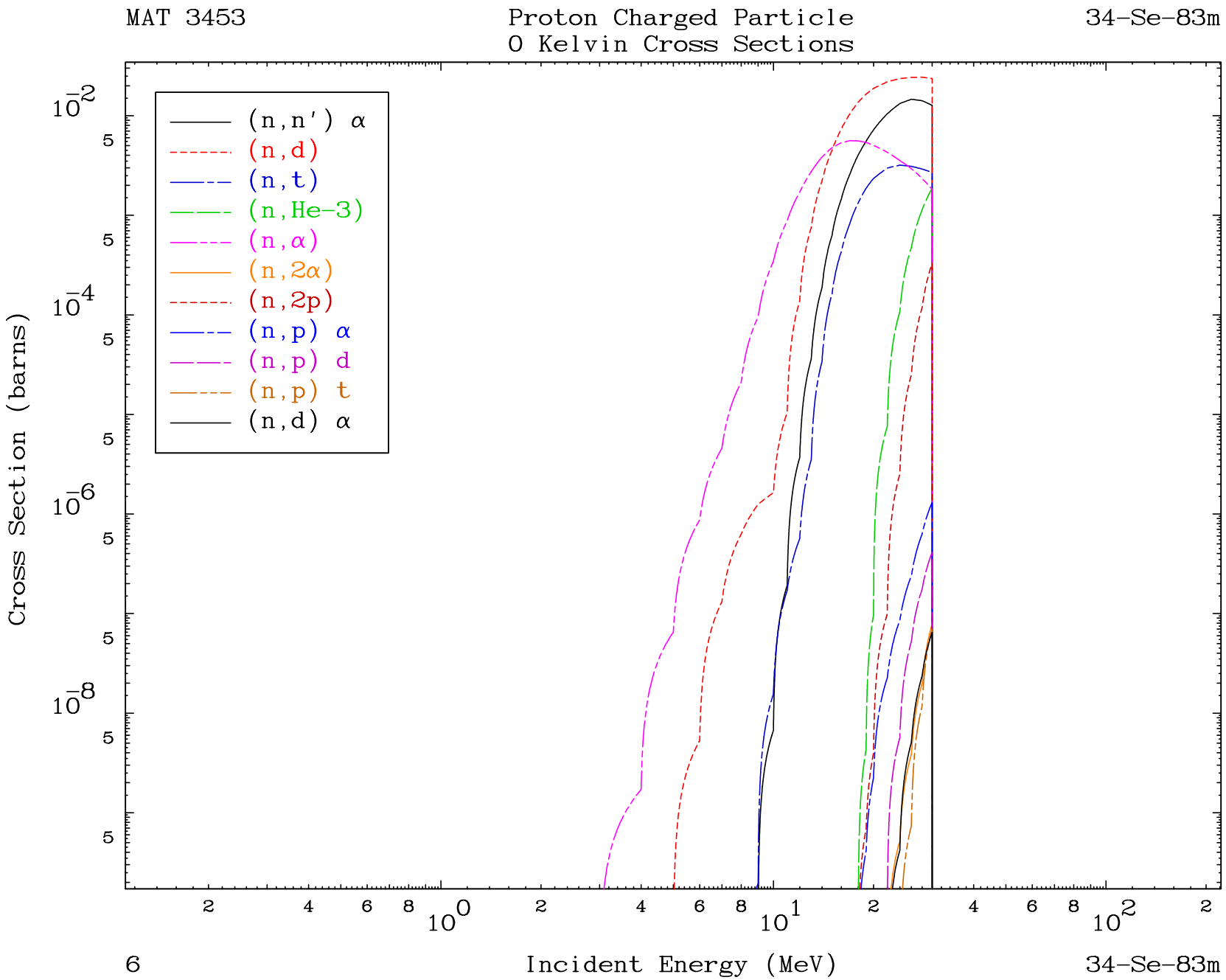

MAT 3453
Proton Major
34-Se-83m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m

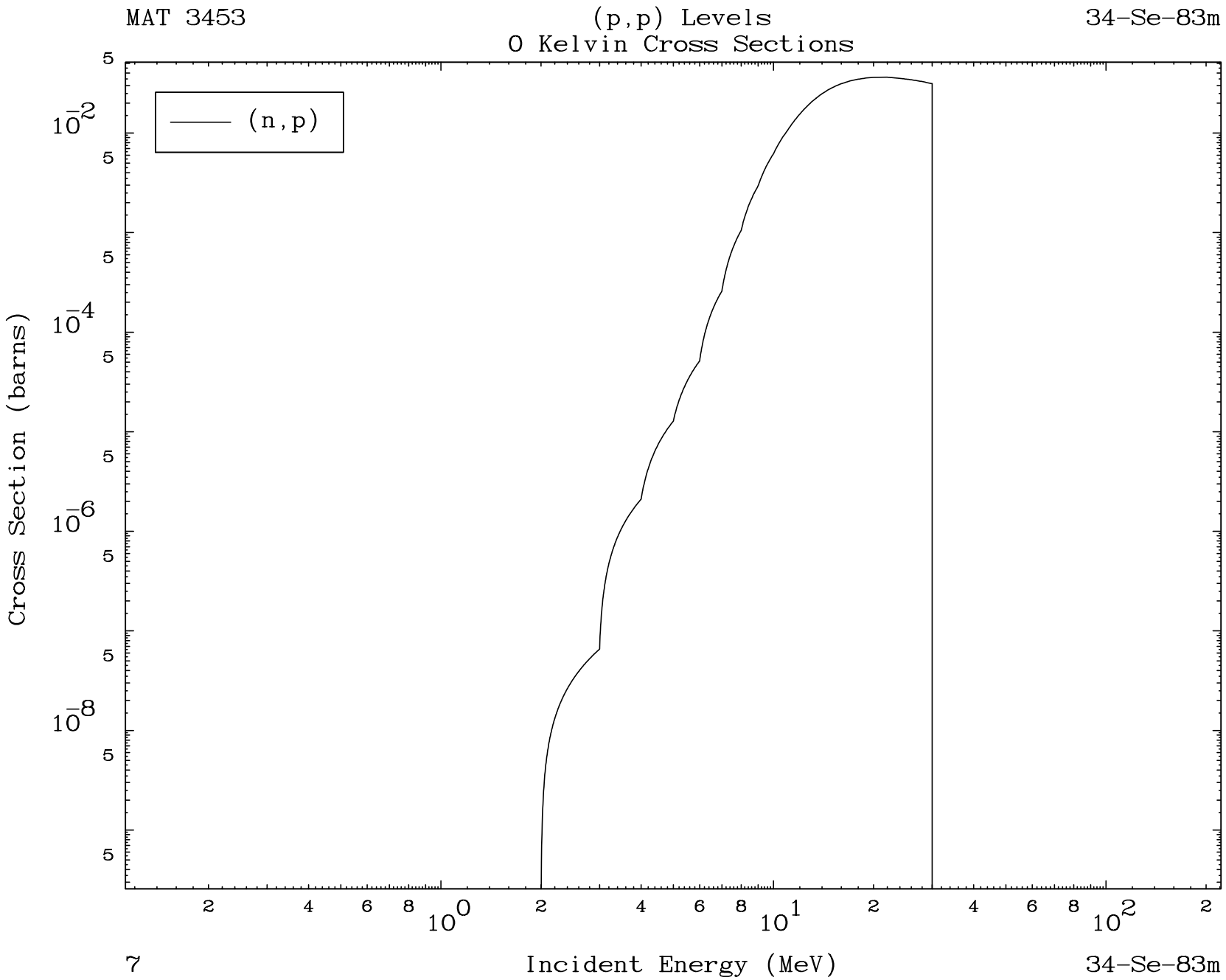

MAT 3453
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t

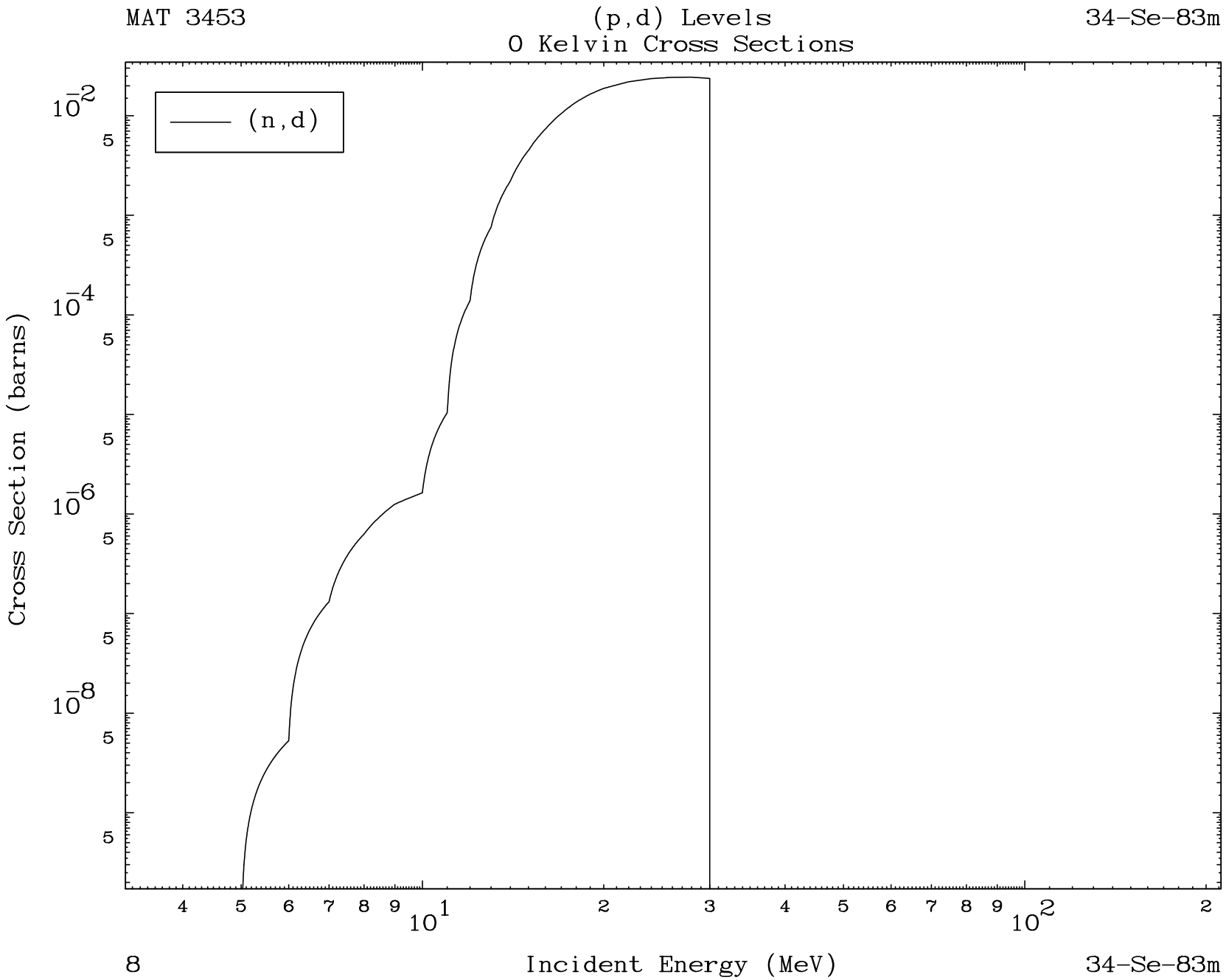

MAT 3453
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
34-Se-83m

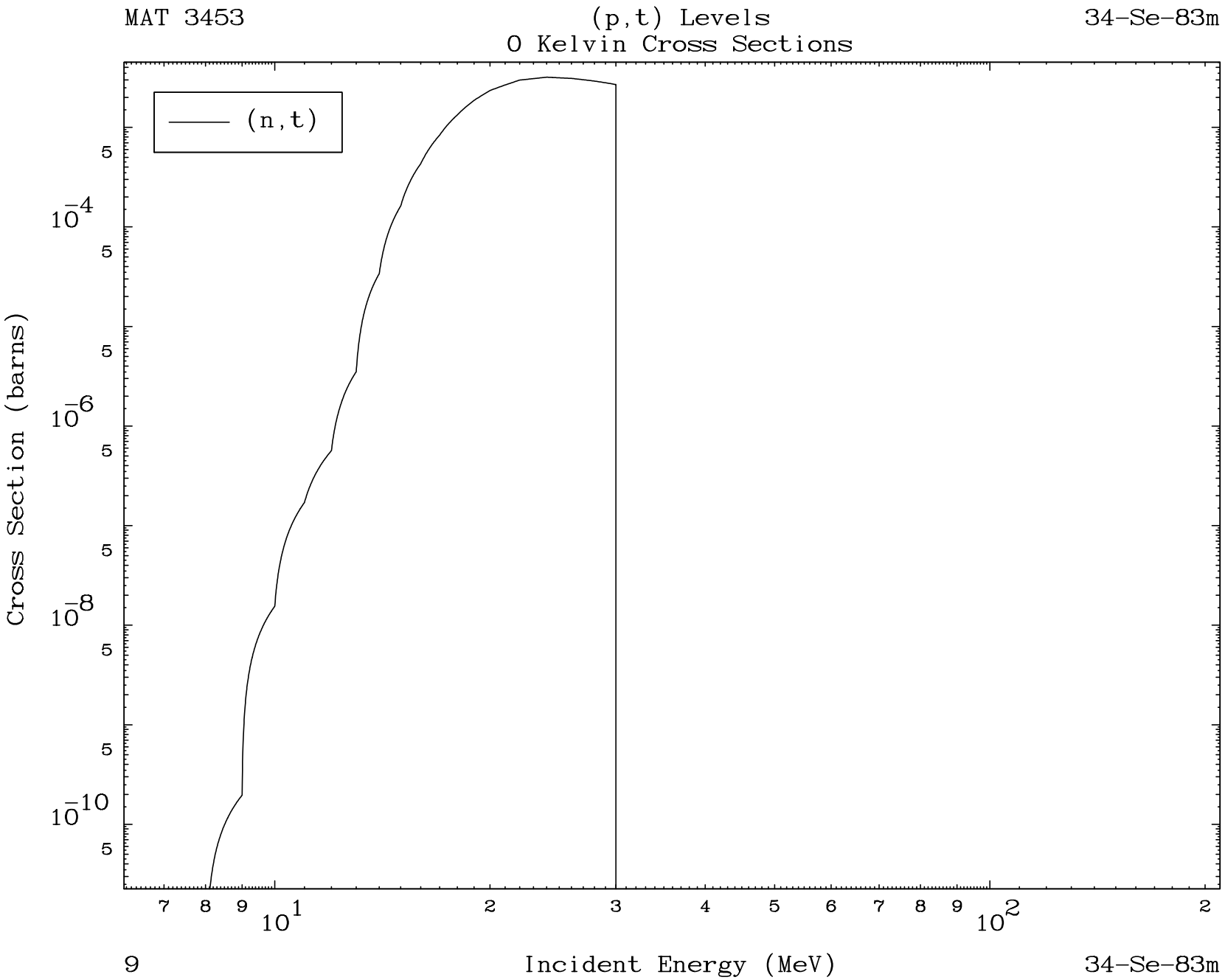

MAT 3453
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
34-Se-83m

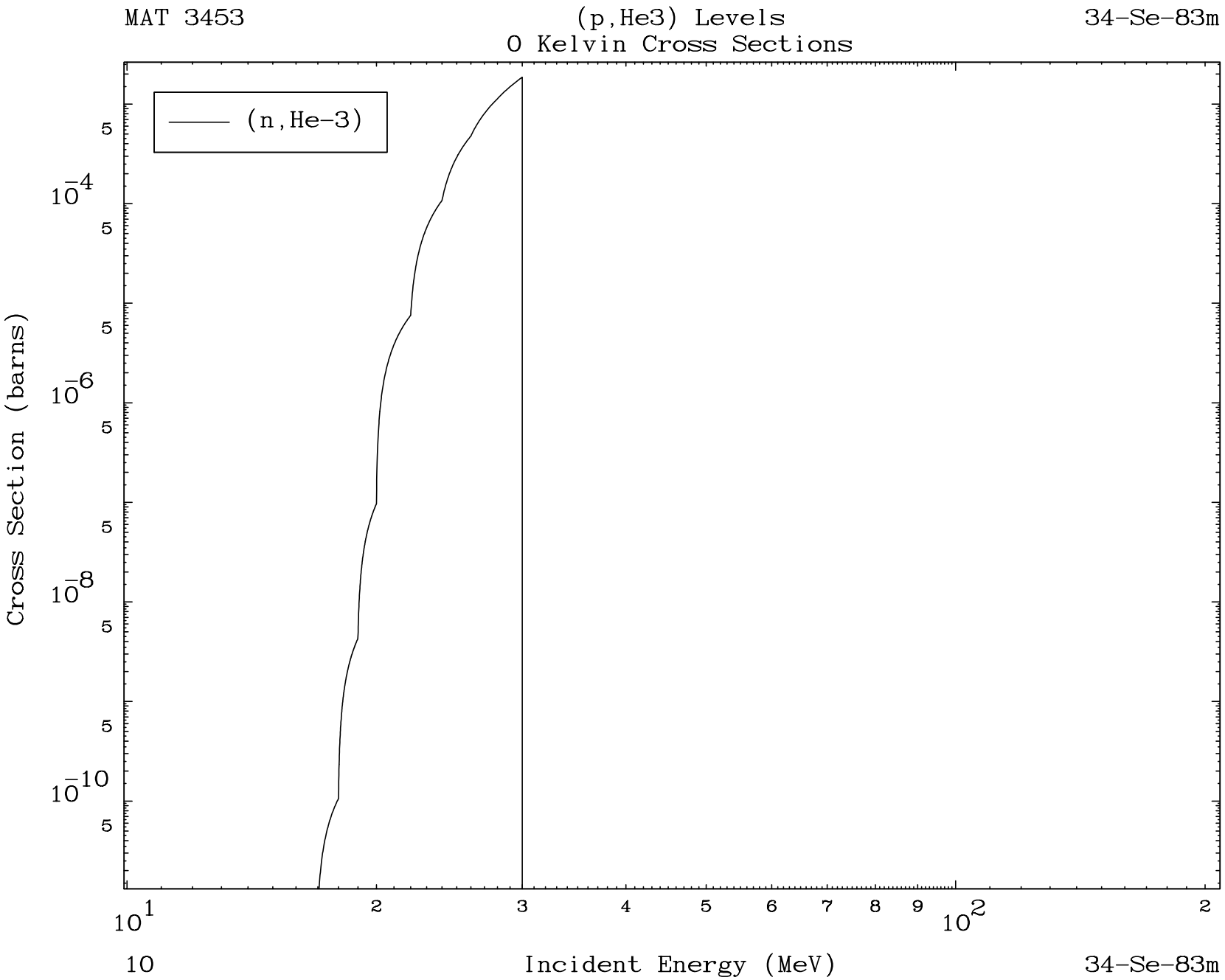

MAT 3453
Proton Charged Particle
0 Kelvin Cross Sections
34-Se-83m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
34-Se-83m

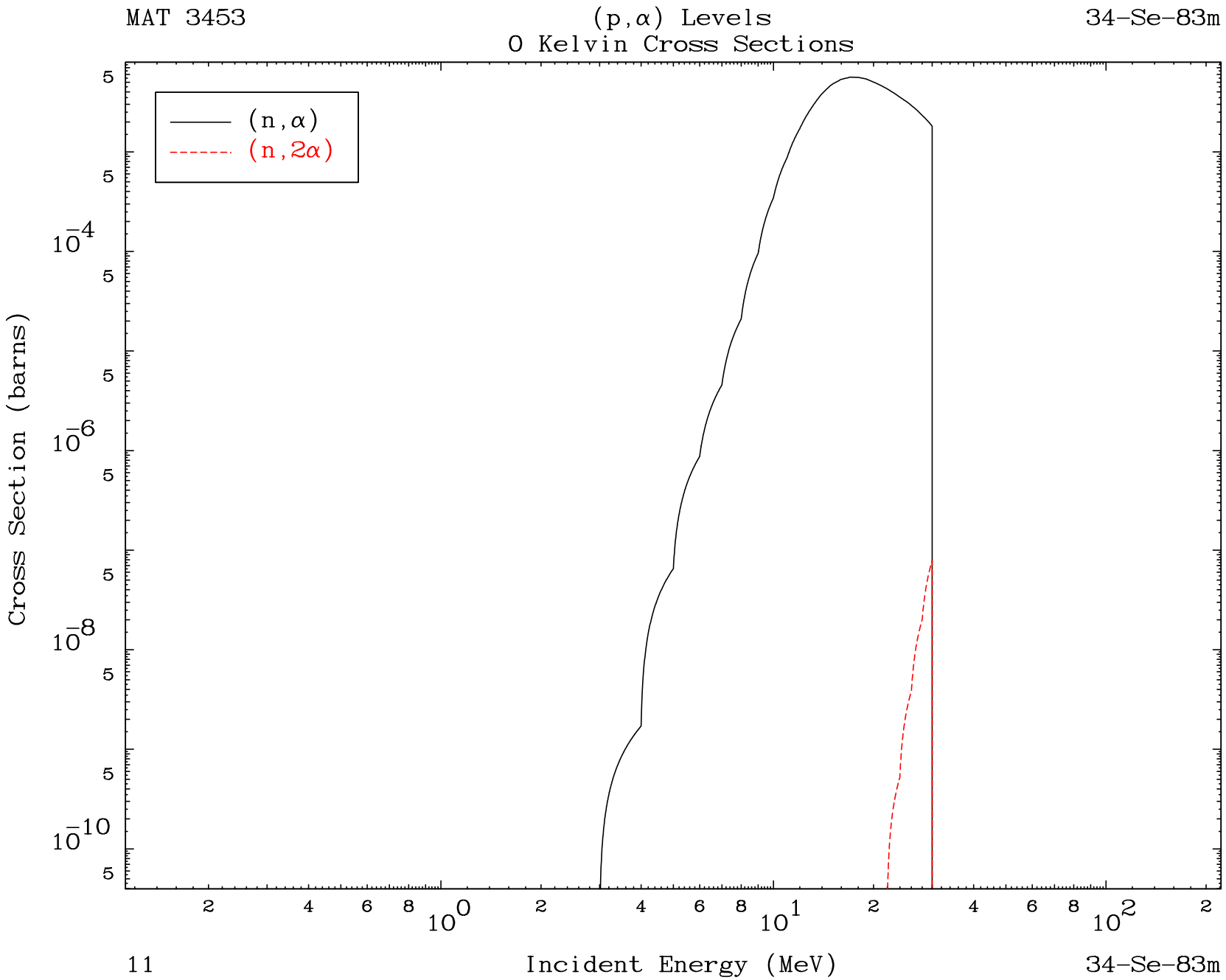

MAT 3453
Proton Charged Particle
0 Kelvin Cross Sections
34-Se-83m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
34-Se-83m

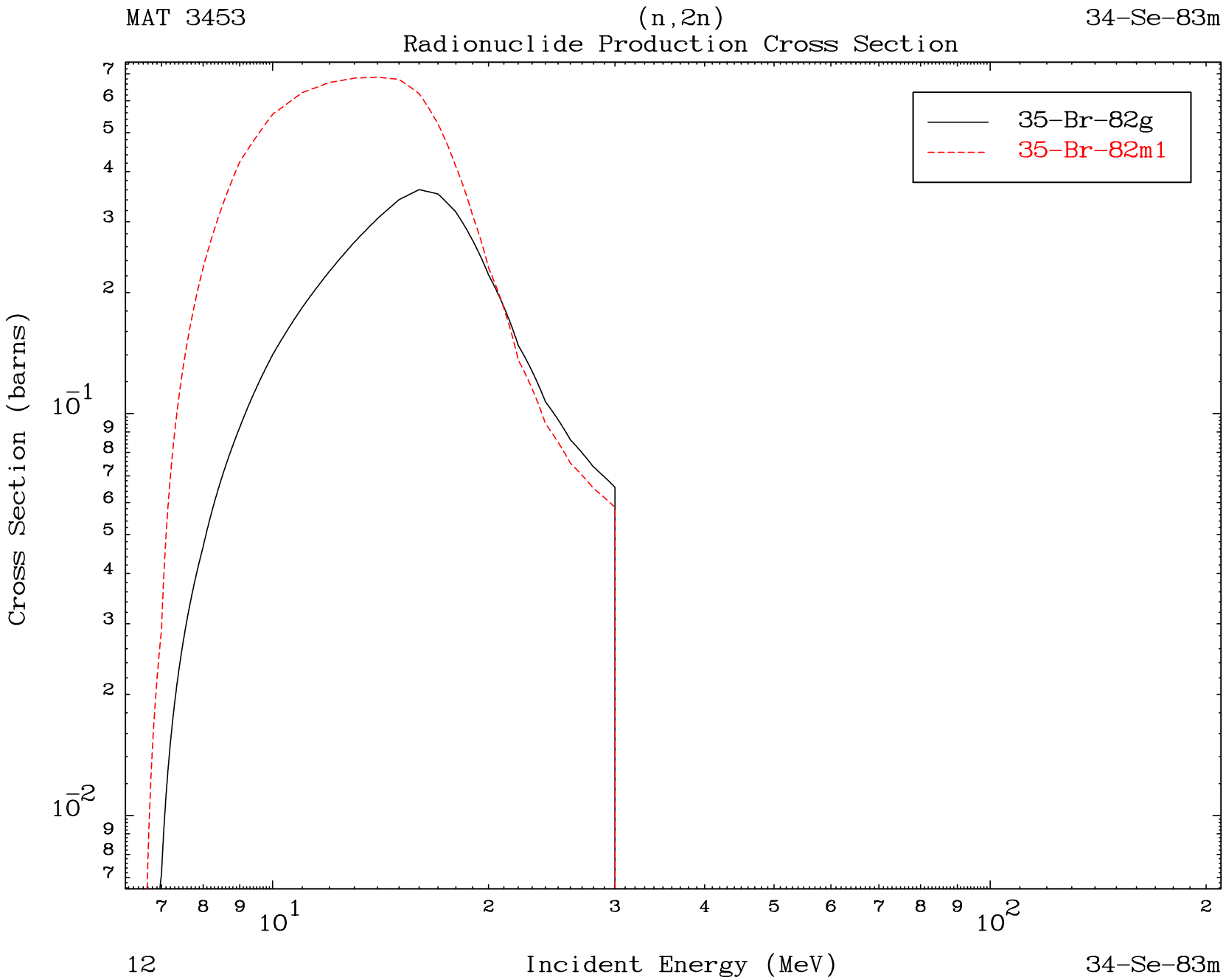

MAT 3453
(p,p) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
34-Se-83m

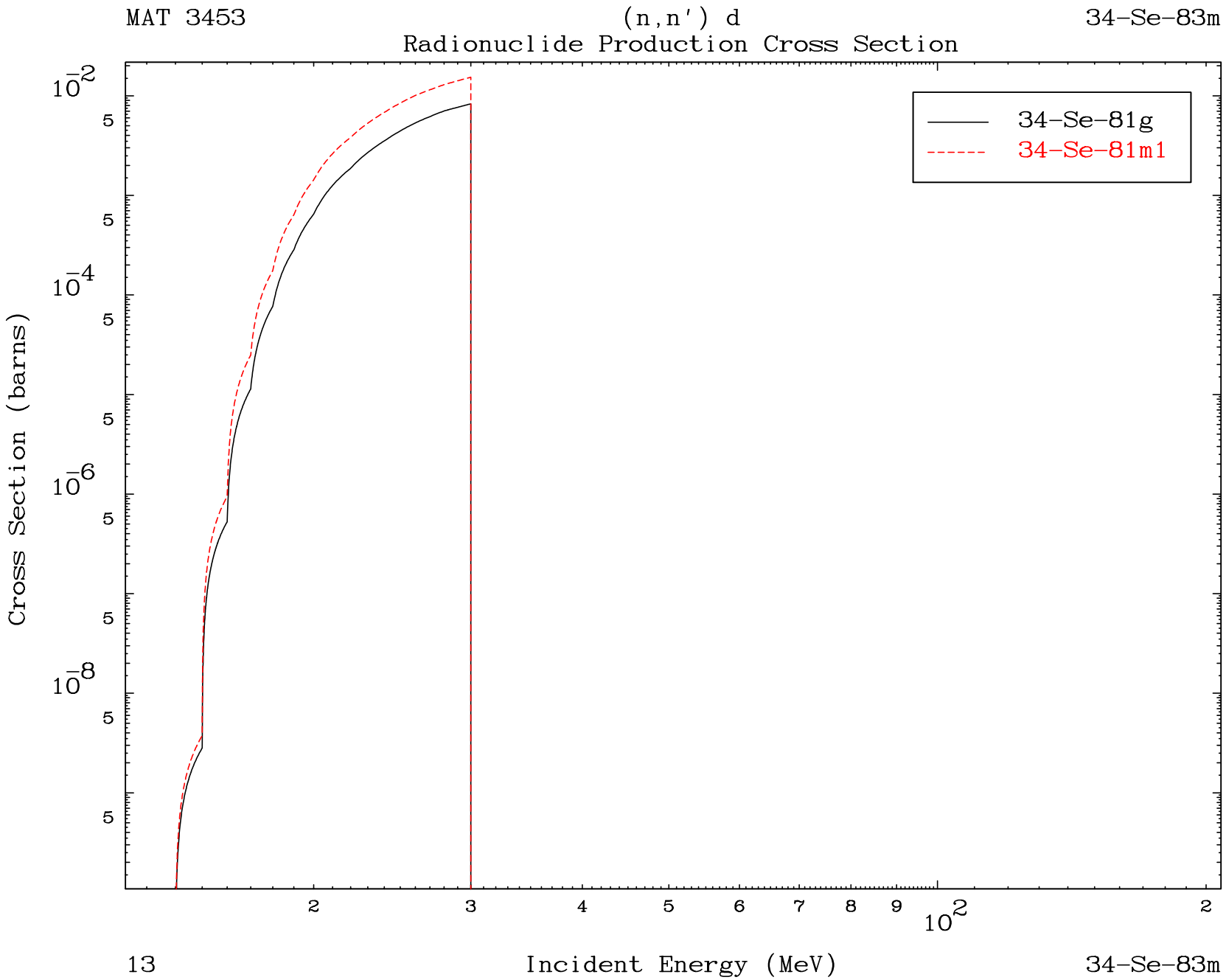

MAT 3453
(p,d) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10^1
10^2
8
34-Se-83m

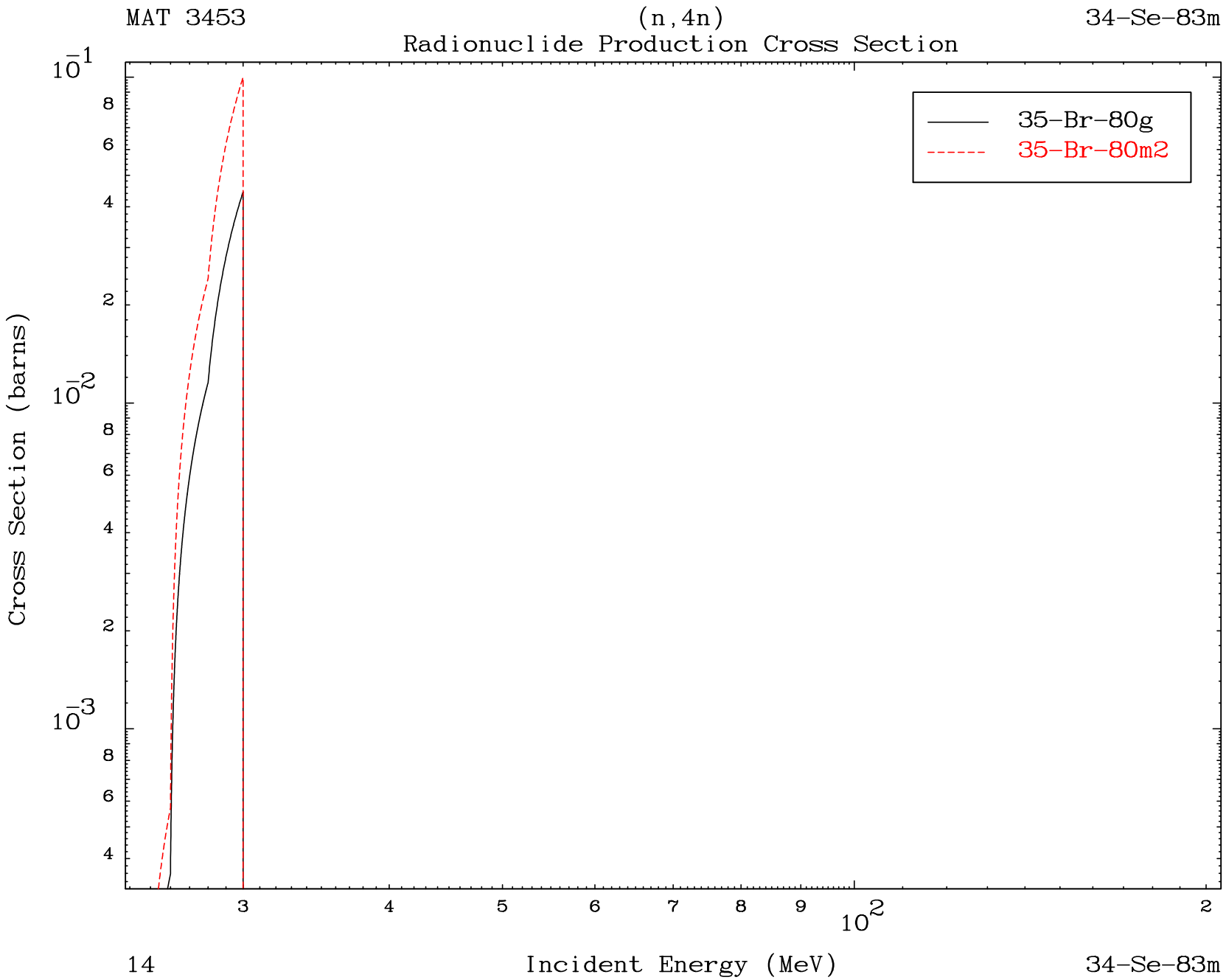

MAT 3453
(p,t) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
34-Se-83m

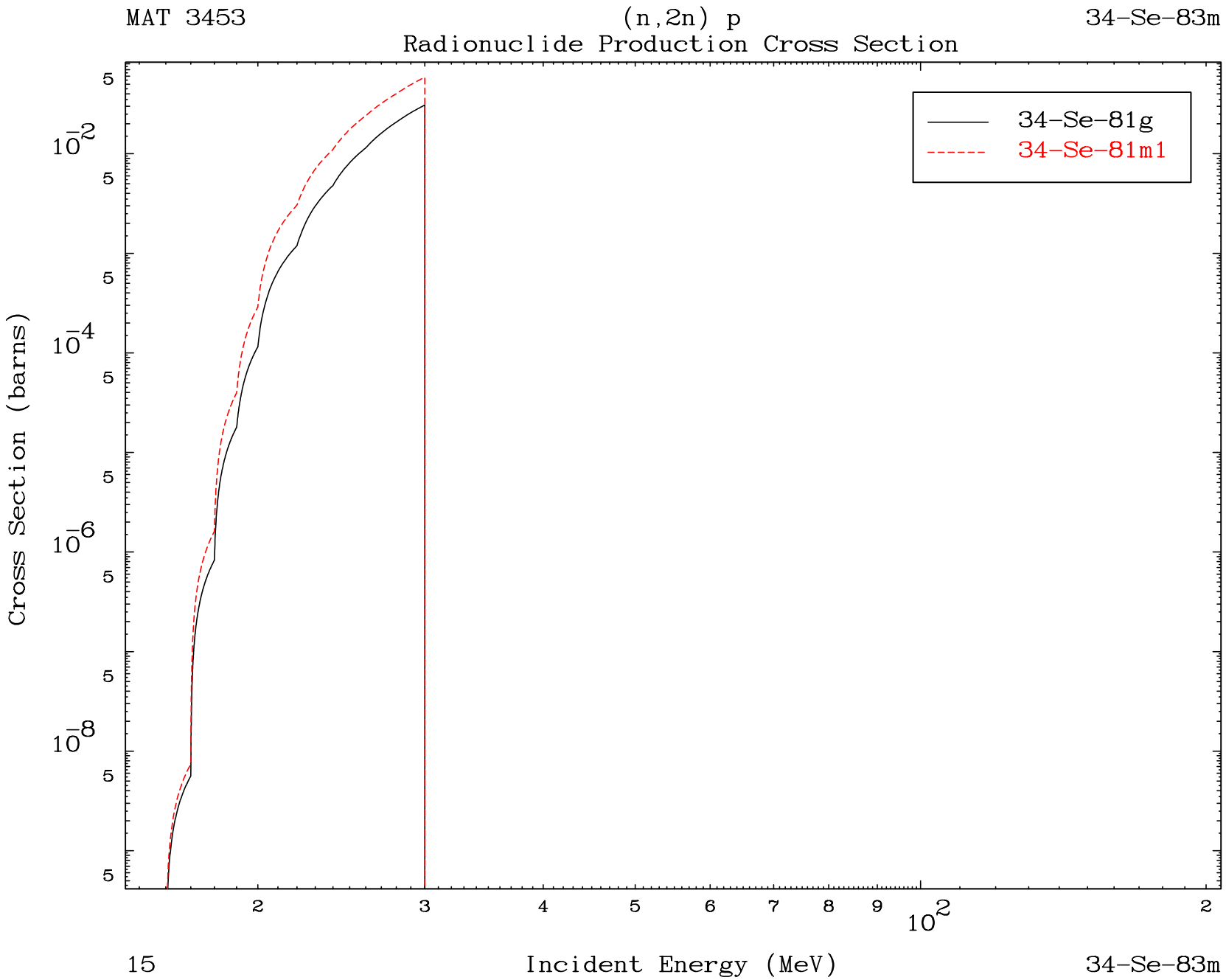

MAT 3453
(p,He3) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
34-Se-83m

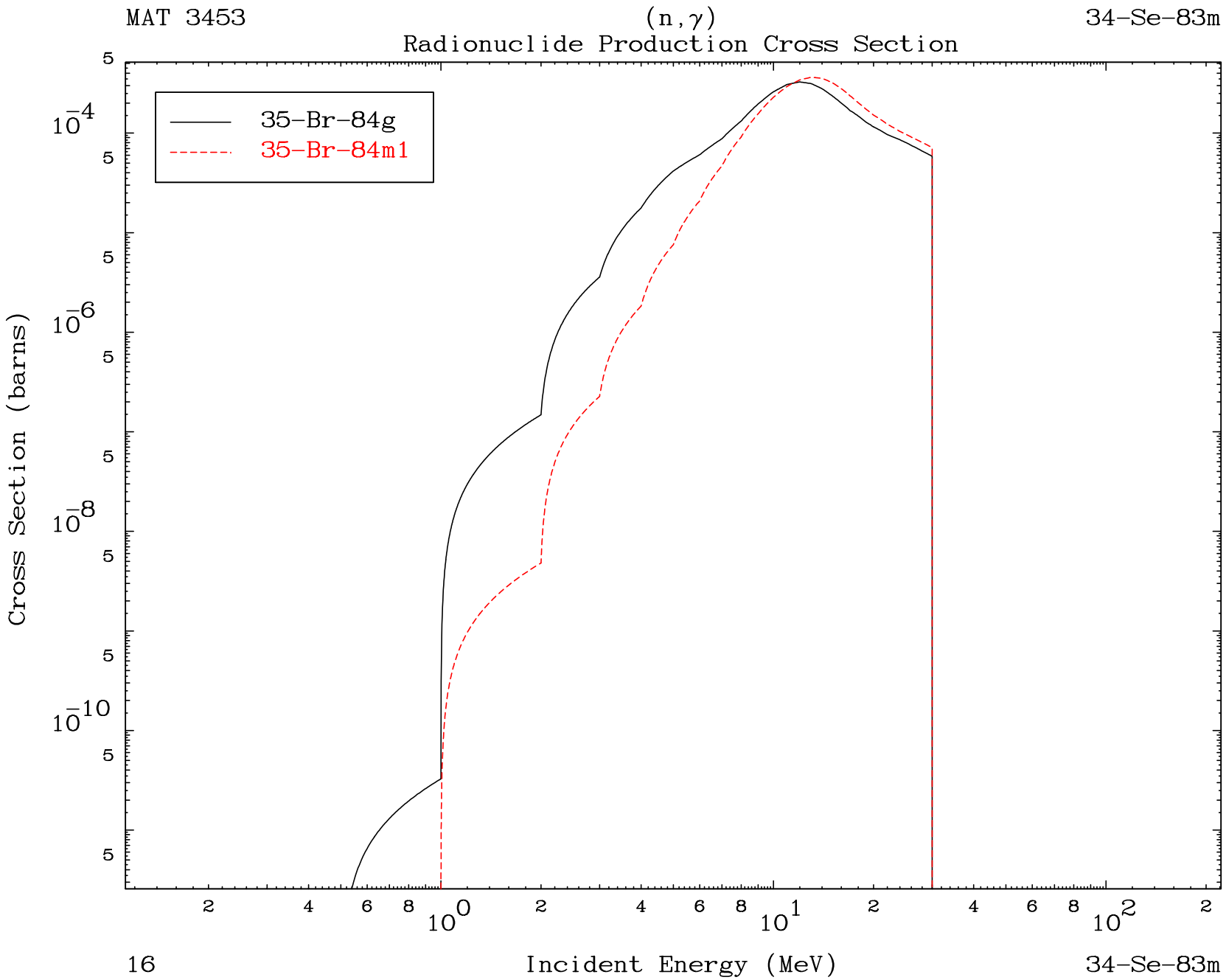

MAT 3453
(p,α) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
34-Se-83m

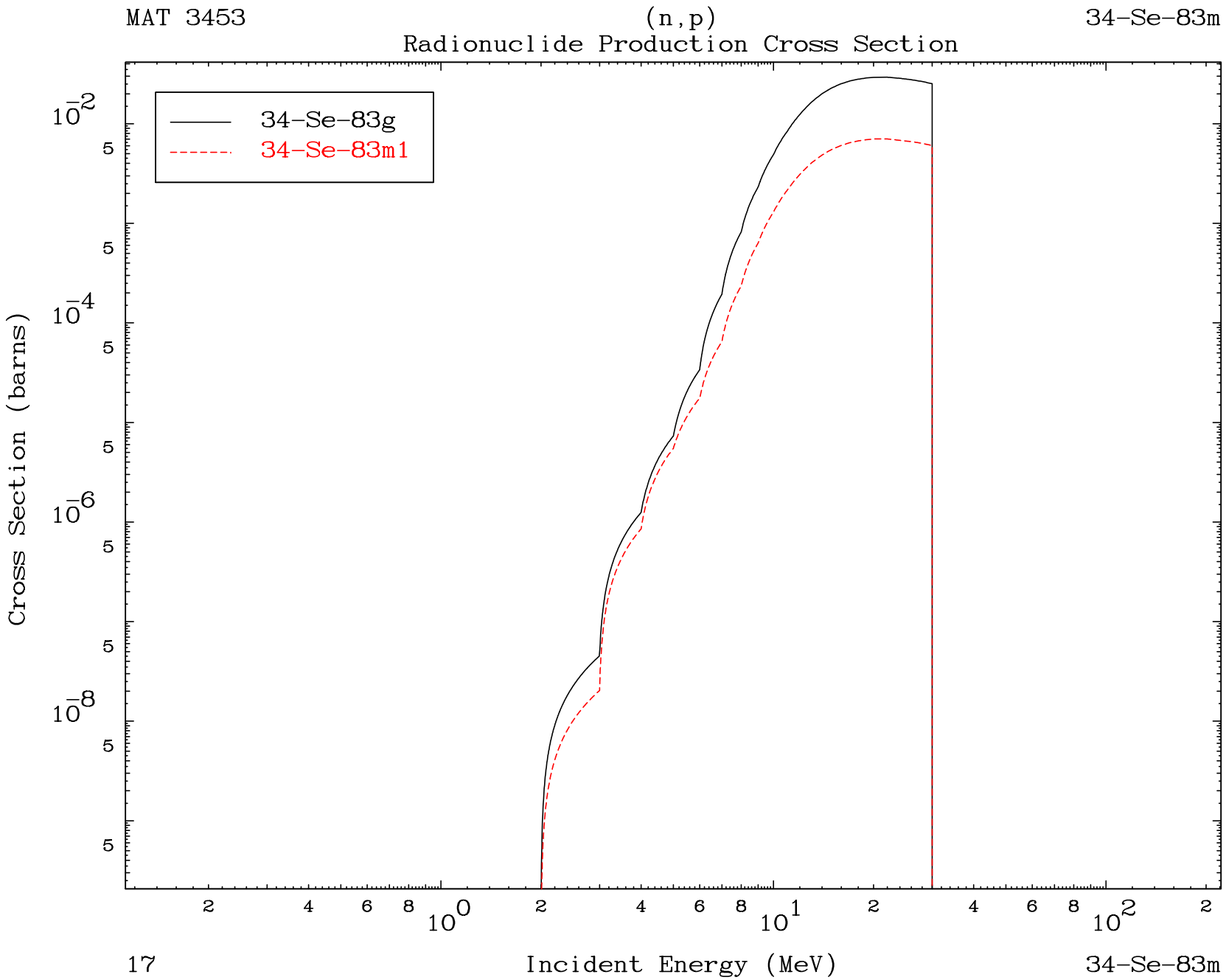

MAT 3453
(n,2n)
34-Se-83m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
12
34-Se-83m

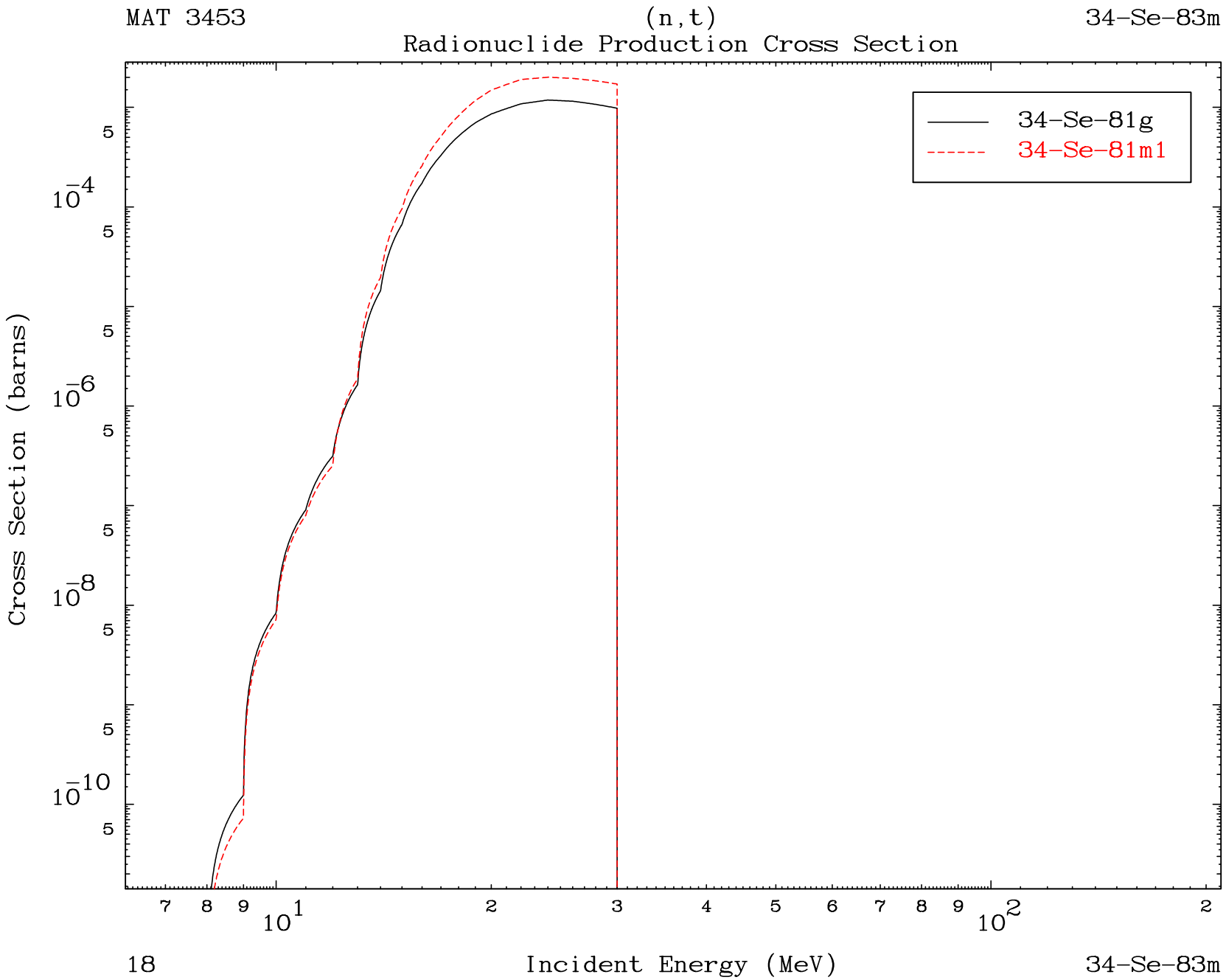

MAT 3453
(n,n') d
34-Se-83m
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
34-Se-83m

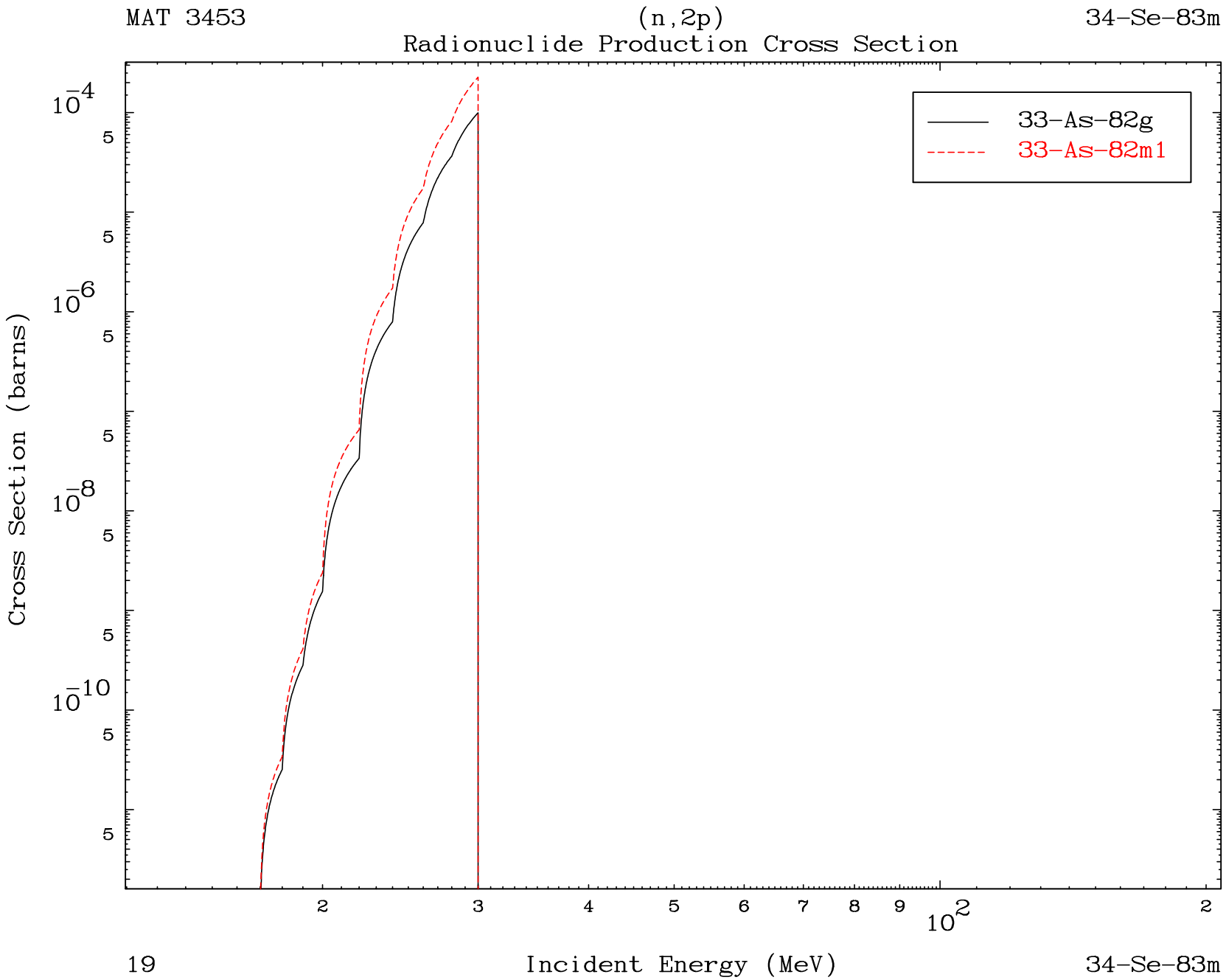

MAT 3453
(n,4n)
34-Se-83m
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
14
34-Se-83m

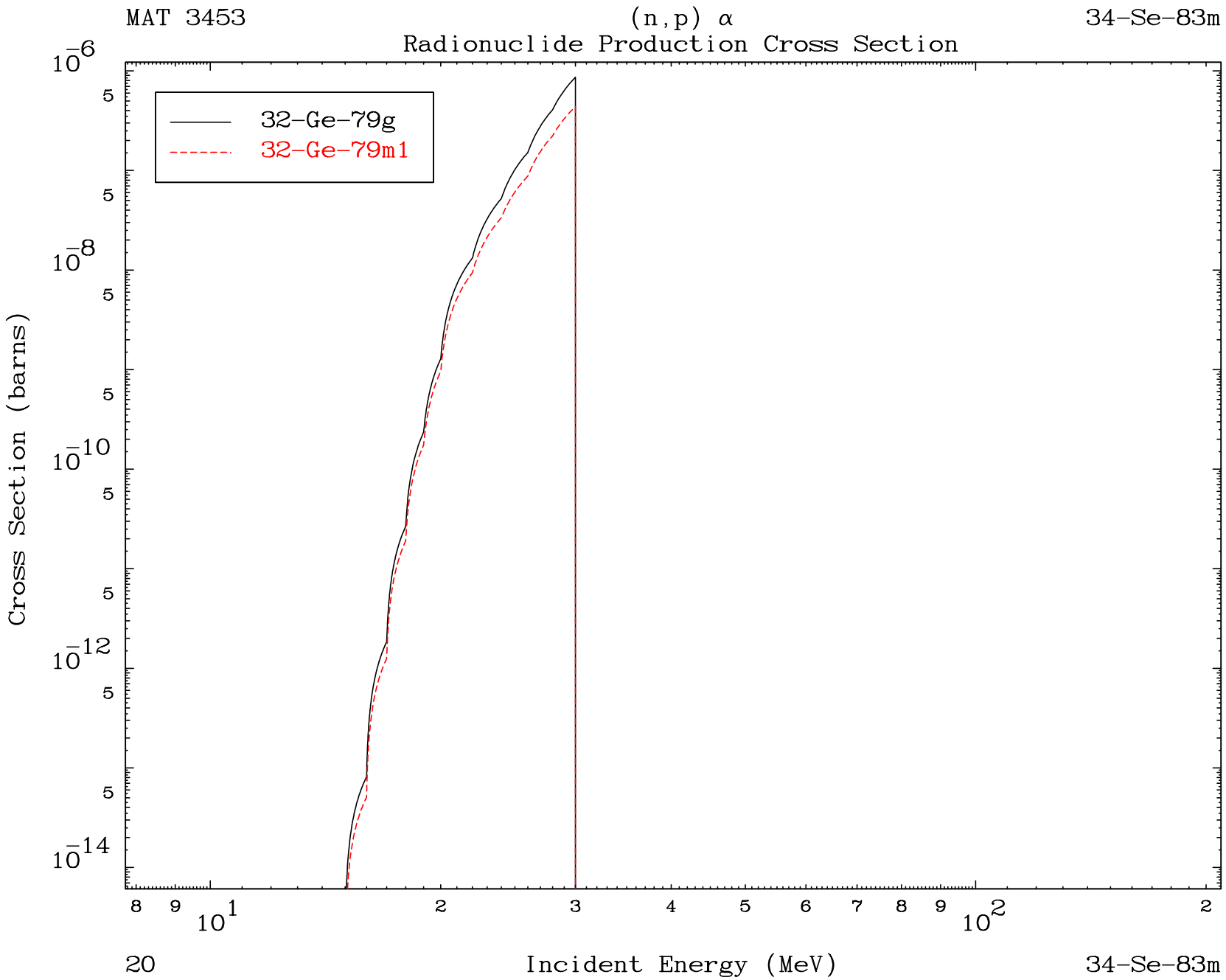

MAT 3453
(n,2n) p
34-Se-83m
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
15
34-Se-83m


MAT 3453
(n,γ)
34-Se-83m
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
Incident Energy (MeV)
16
34-Se-83m


MAT 3453
(n,p)
34-Se-83m
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
17
34-Se-83m


MAT 3453
(n,t)
34-Se-83m
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
18
34-Se-83m


MAT 3453
(n,2p)
34-Se-83m
Radionuclide Production Cross Section
33-As-82g
33-As-82m1
Cross Section (barns)
Incident Energy (MeV)
19
34-Se-83m


MAT 3453
(n,p) α
34-Se-83m
Radionuclide Production Cross Section
32-Ge-79g
32-Ge-79m1
Cross Section (barns)
Incident Energy (MeV)
20
34-Se-83m