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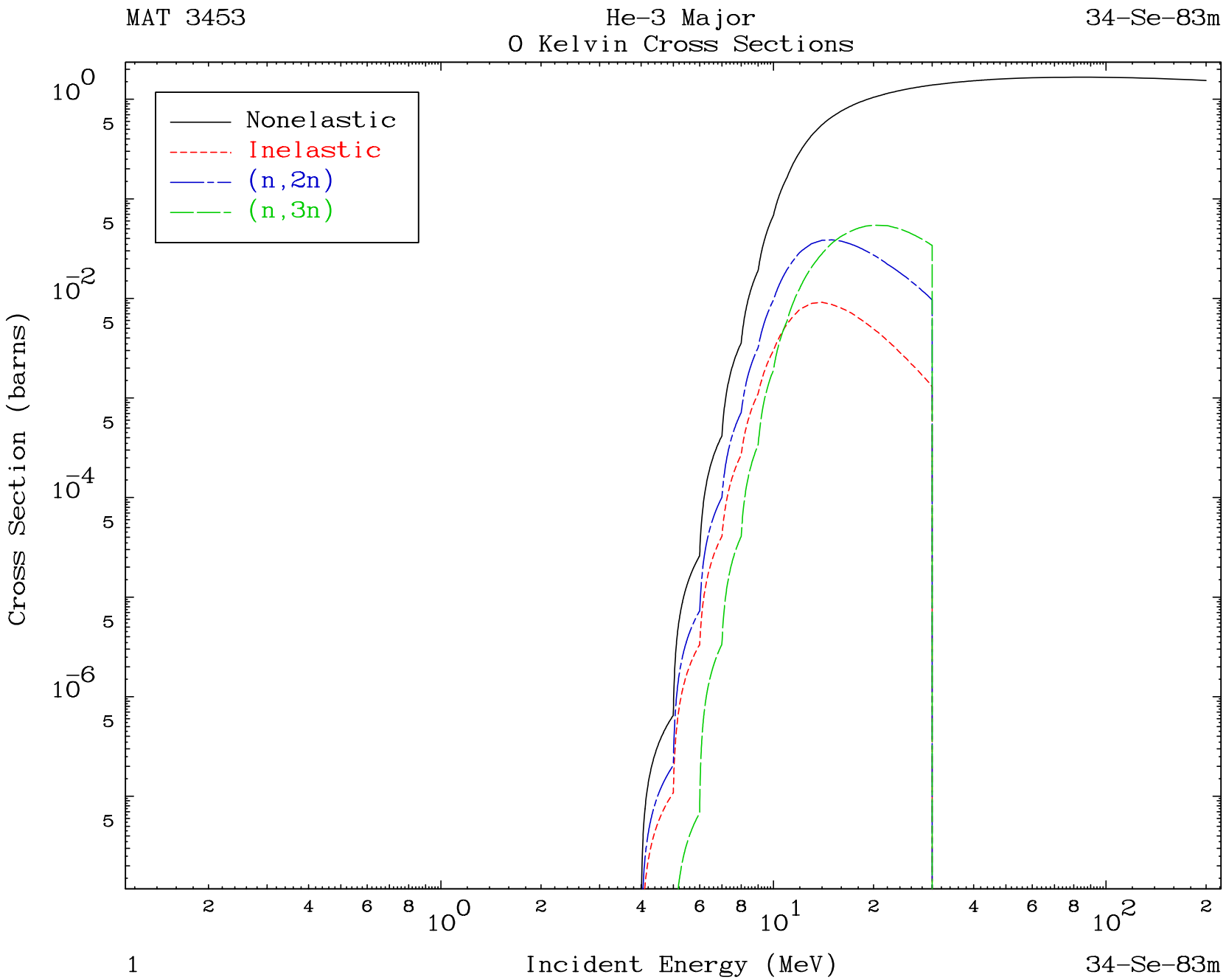
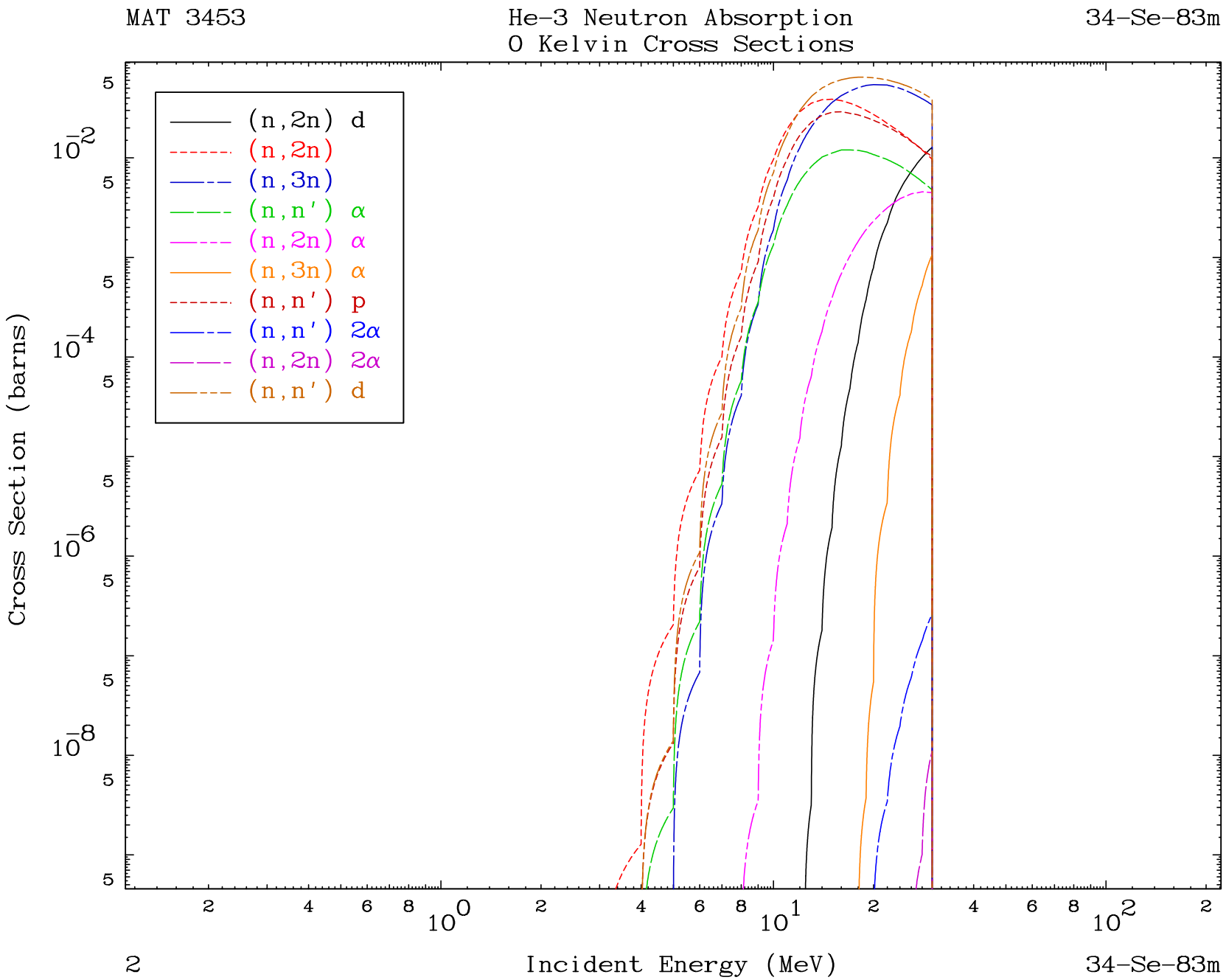
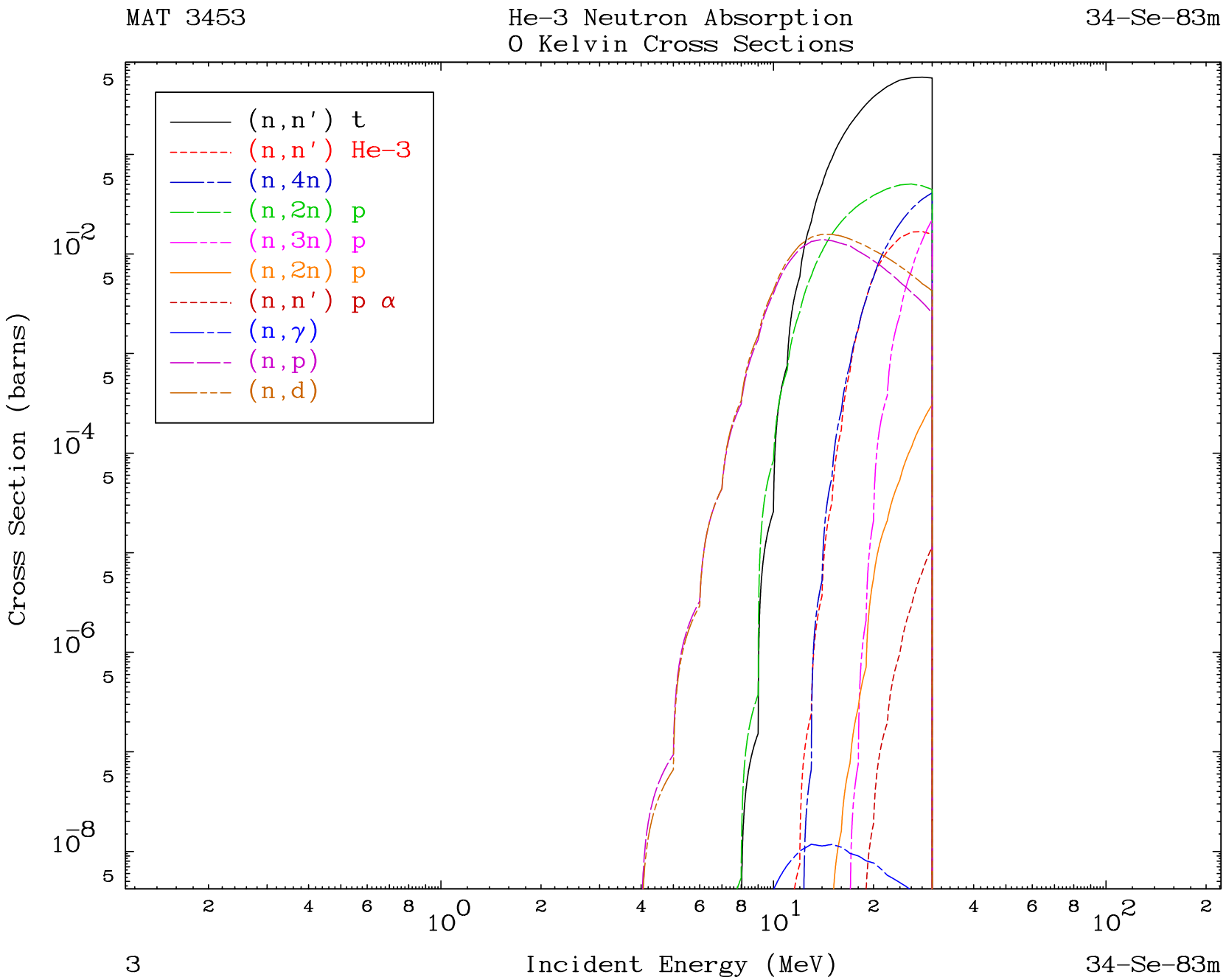
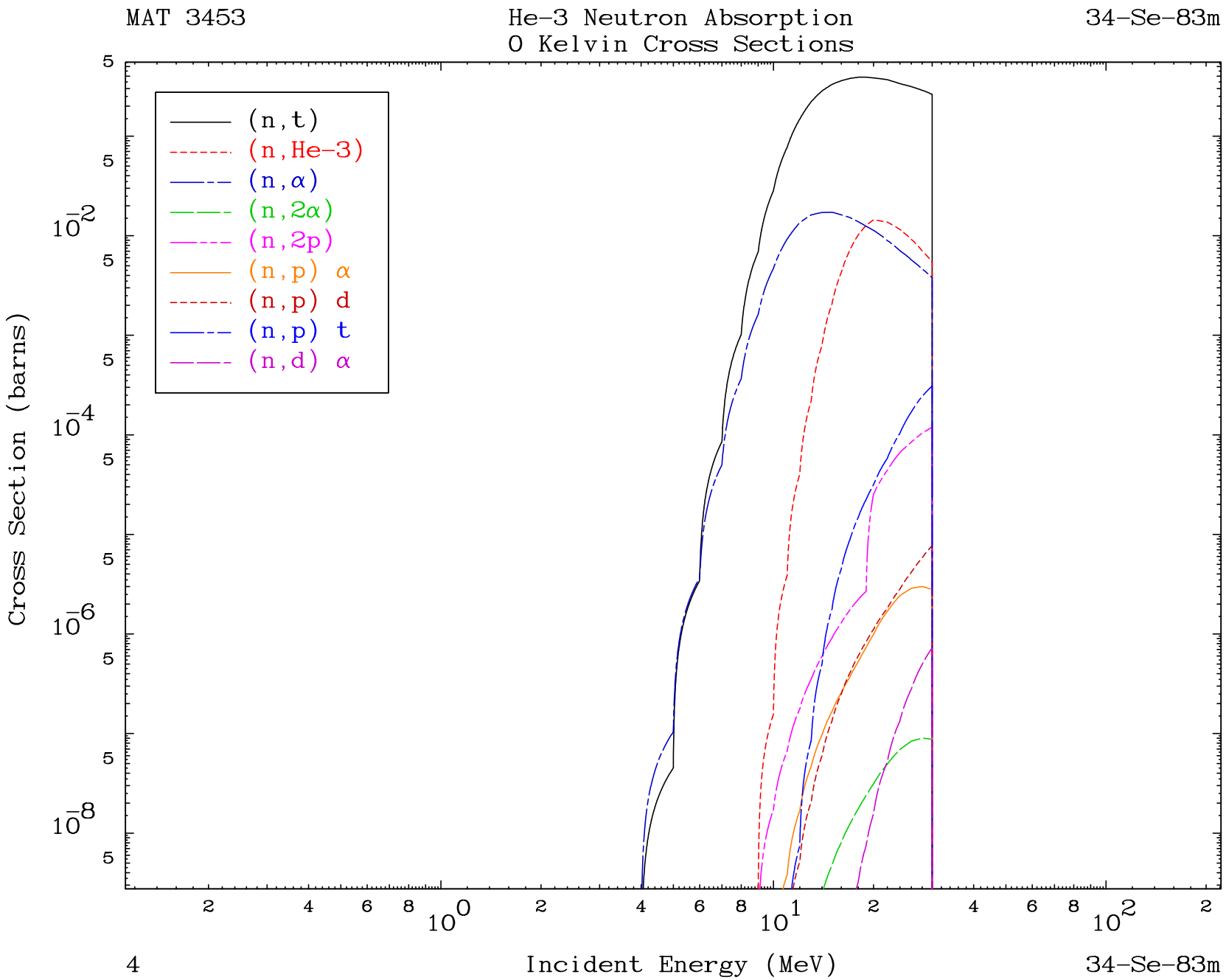
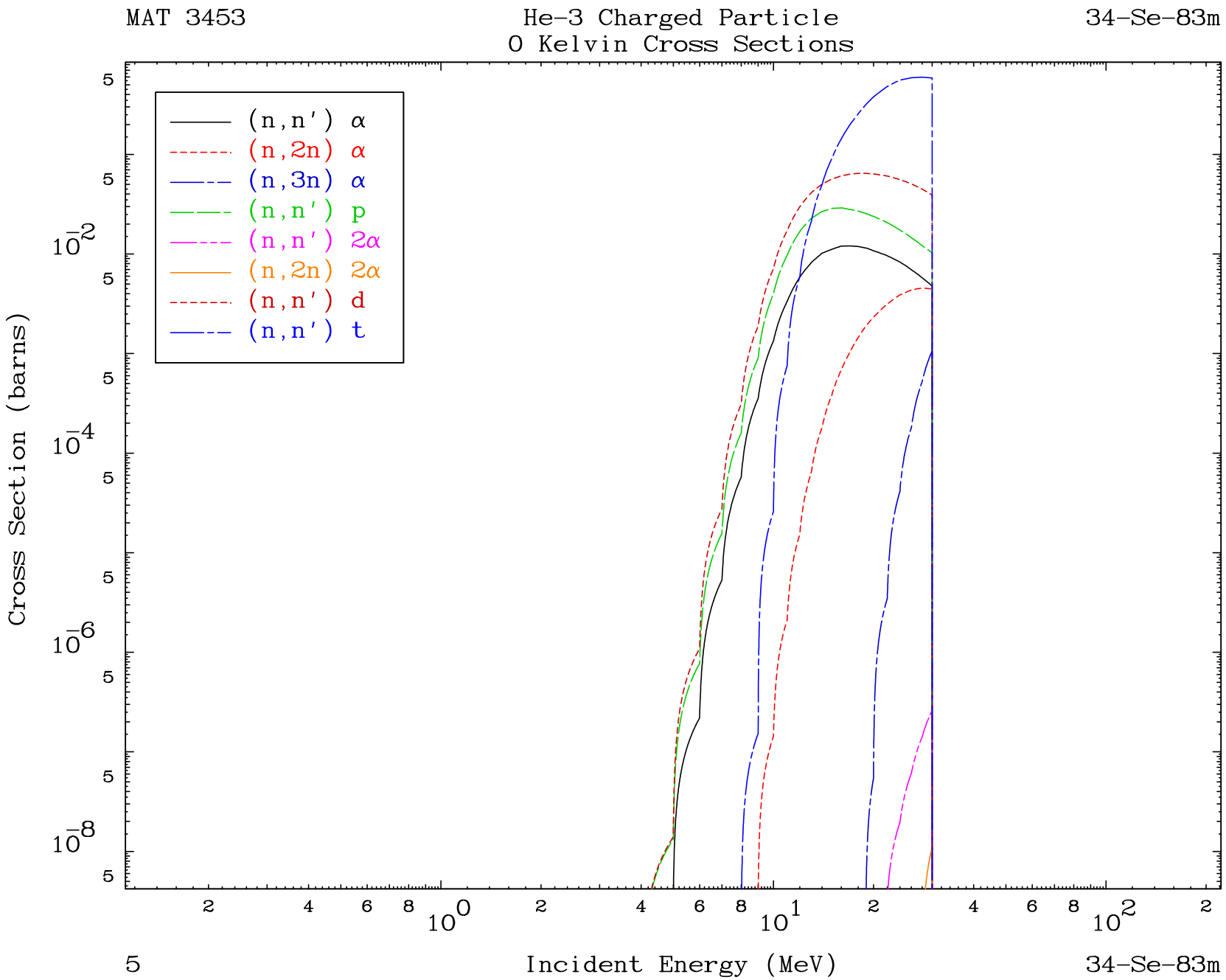
Press Mouse Button to Start

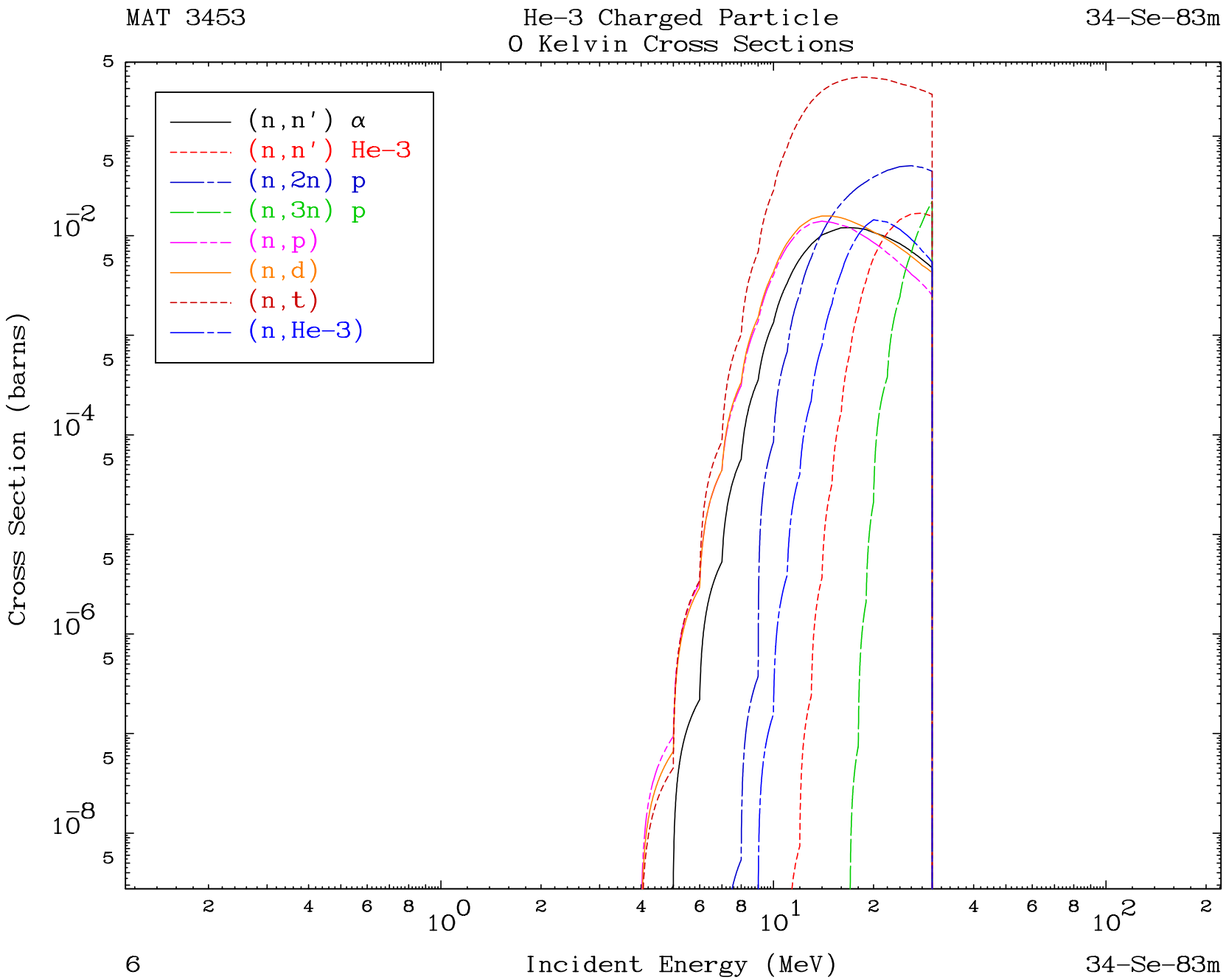

MAT 3453
He-3 Major
34-Se-83m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m
1

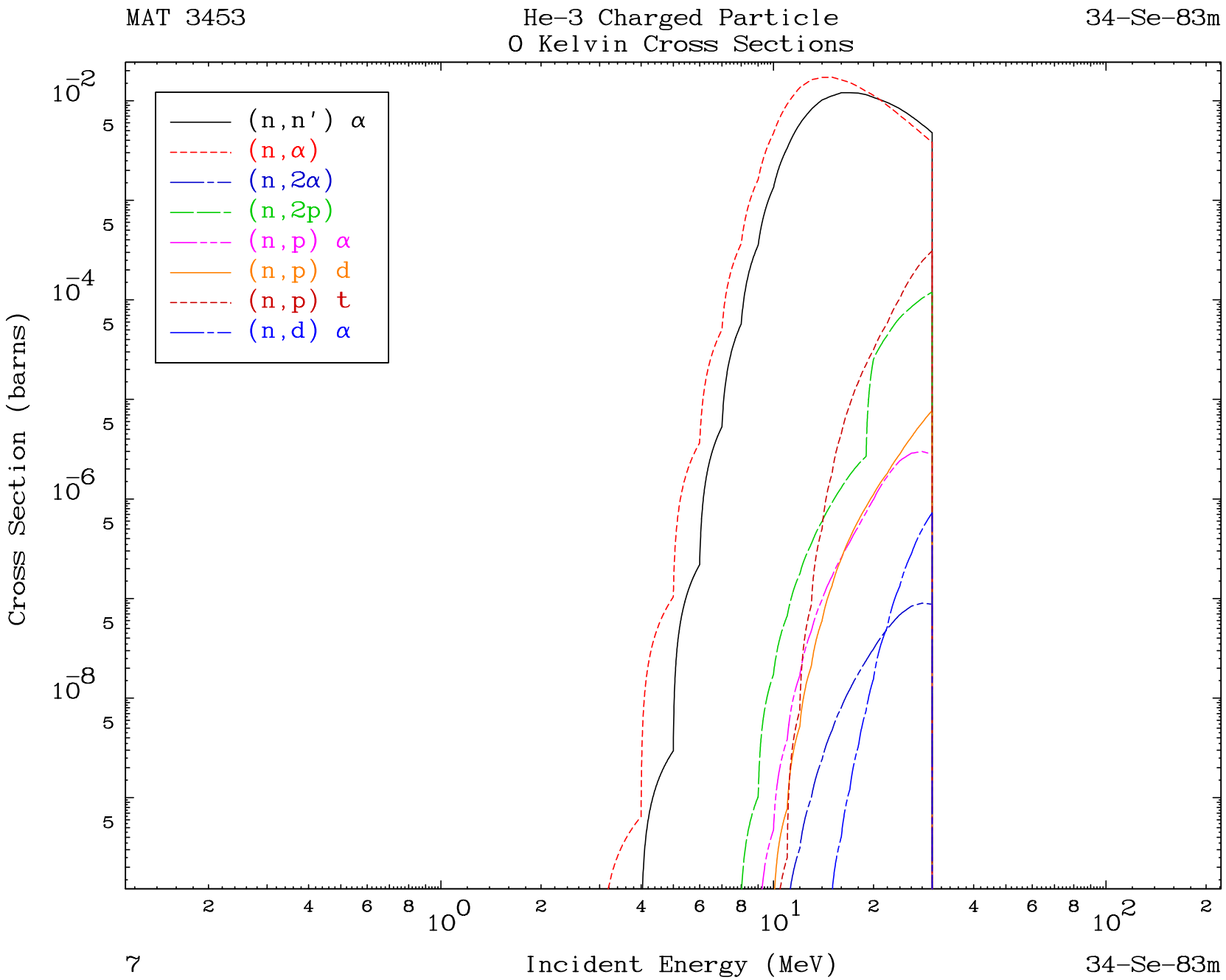

MAT 3453
He-3 Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m
2

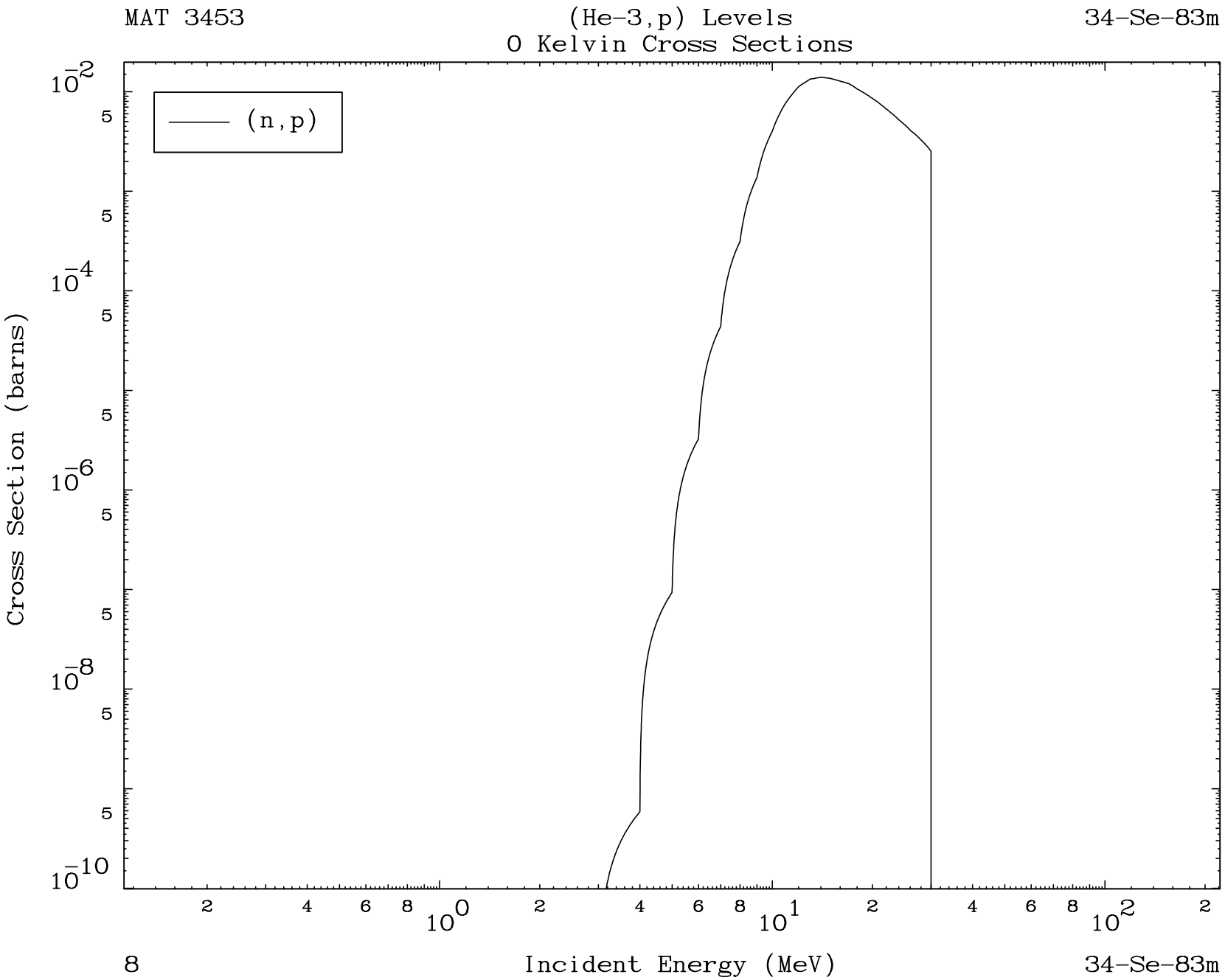

MAT 3453
He-3 Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
34-Se-83m

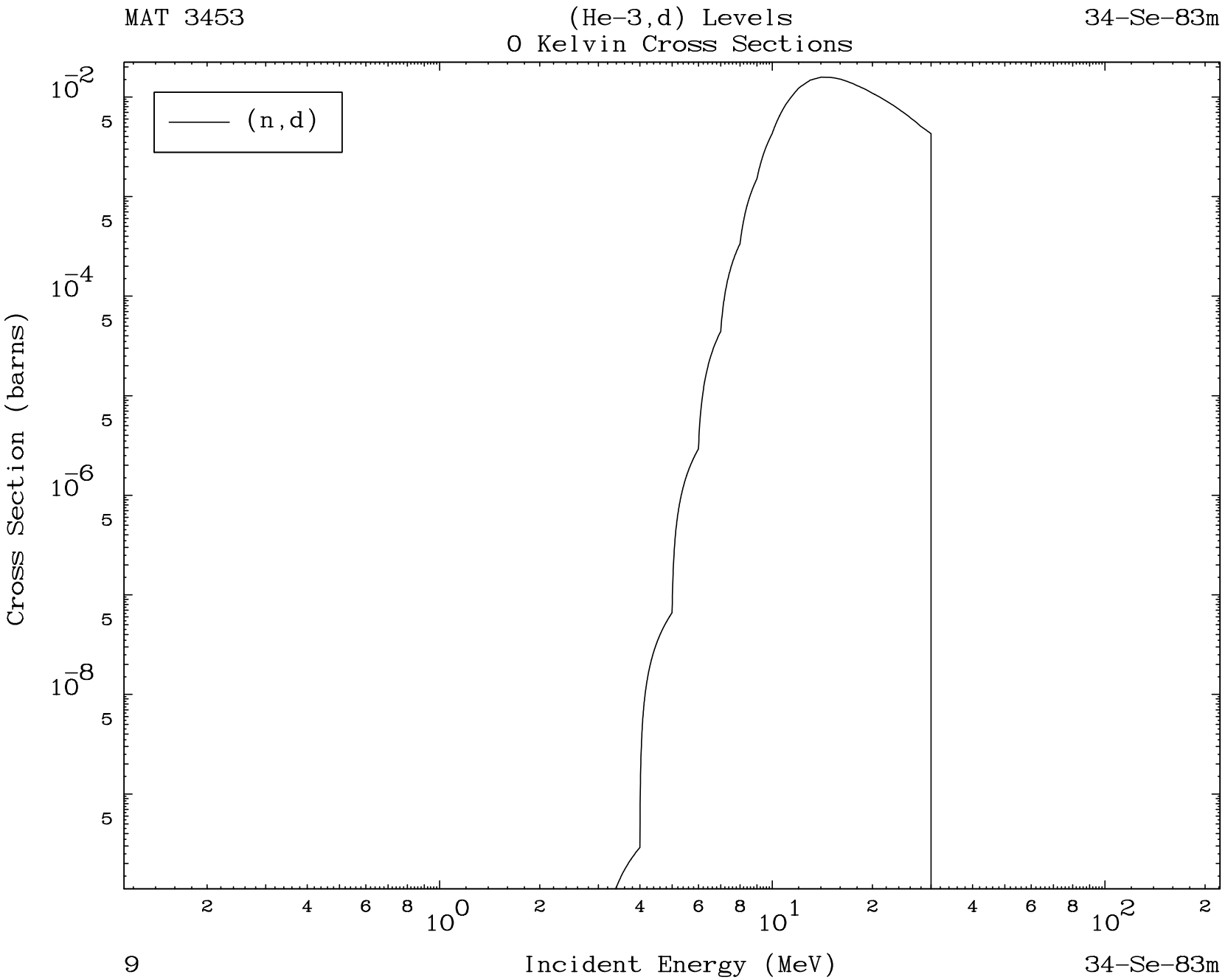

MAT 3453
He-3 Neutron Absorption
0 Kelvin Cross Sections
34-Se-83m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
34-Se-83m

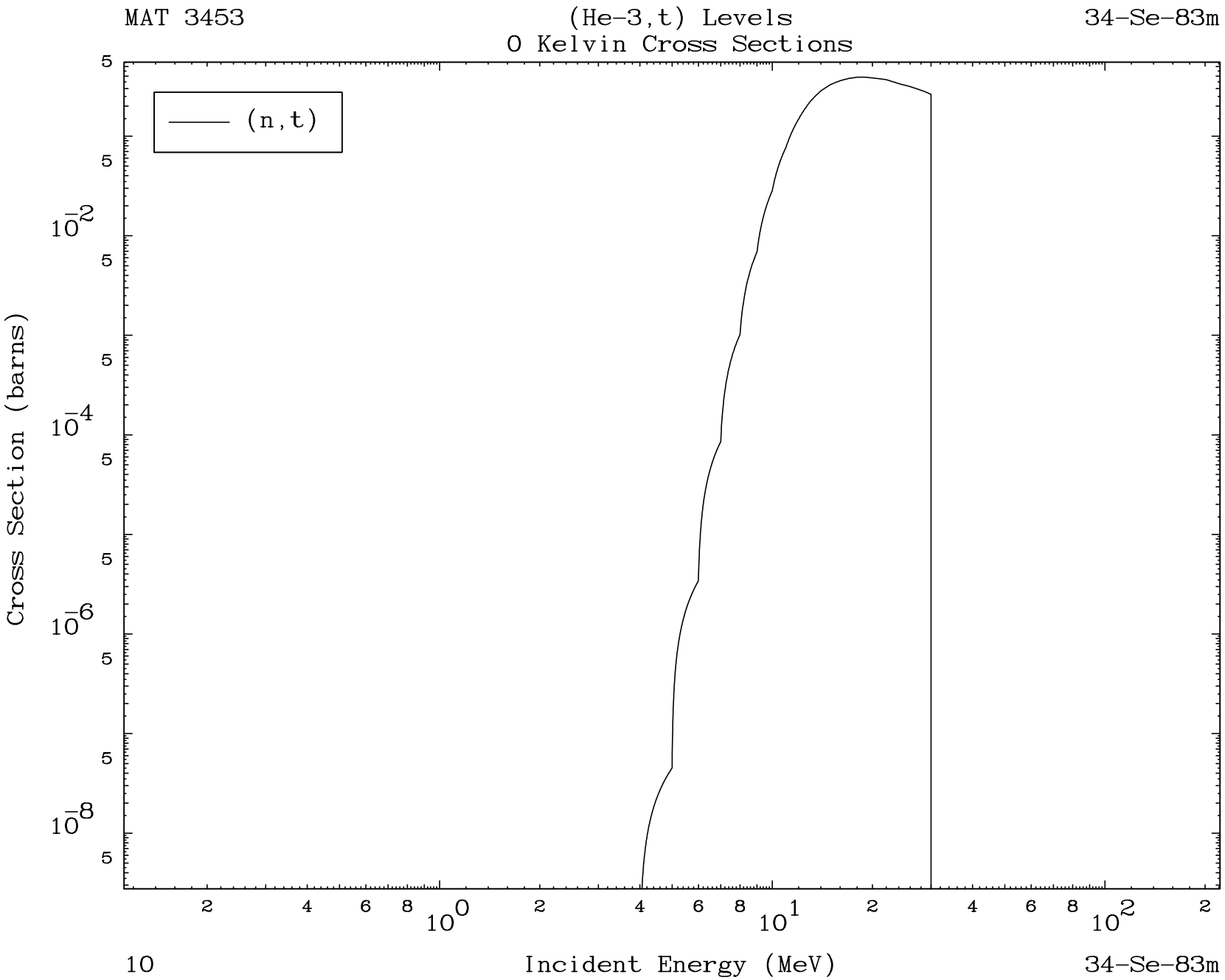

MAT 3453
He-3 Charged Particle
0 Kelvin Cross Sections
34-Se-83m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m

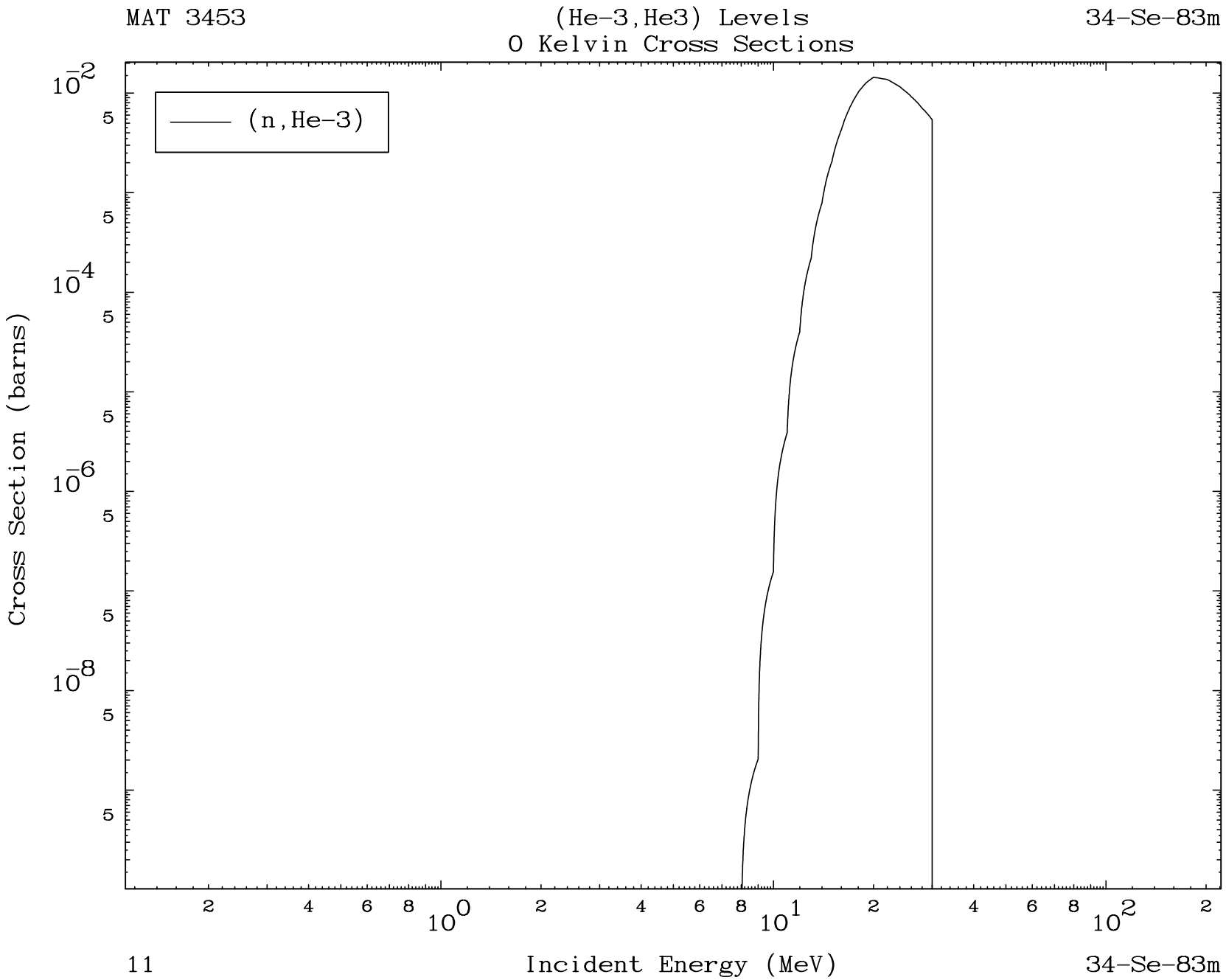

MAT 3453
He-3 Charged Particle
0 Kelvin Cross Sections
34-Se-83m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
34-Se-83m

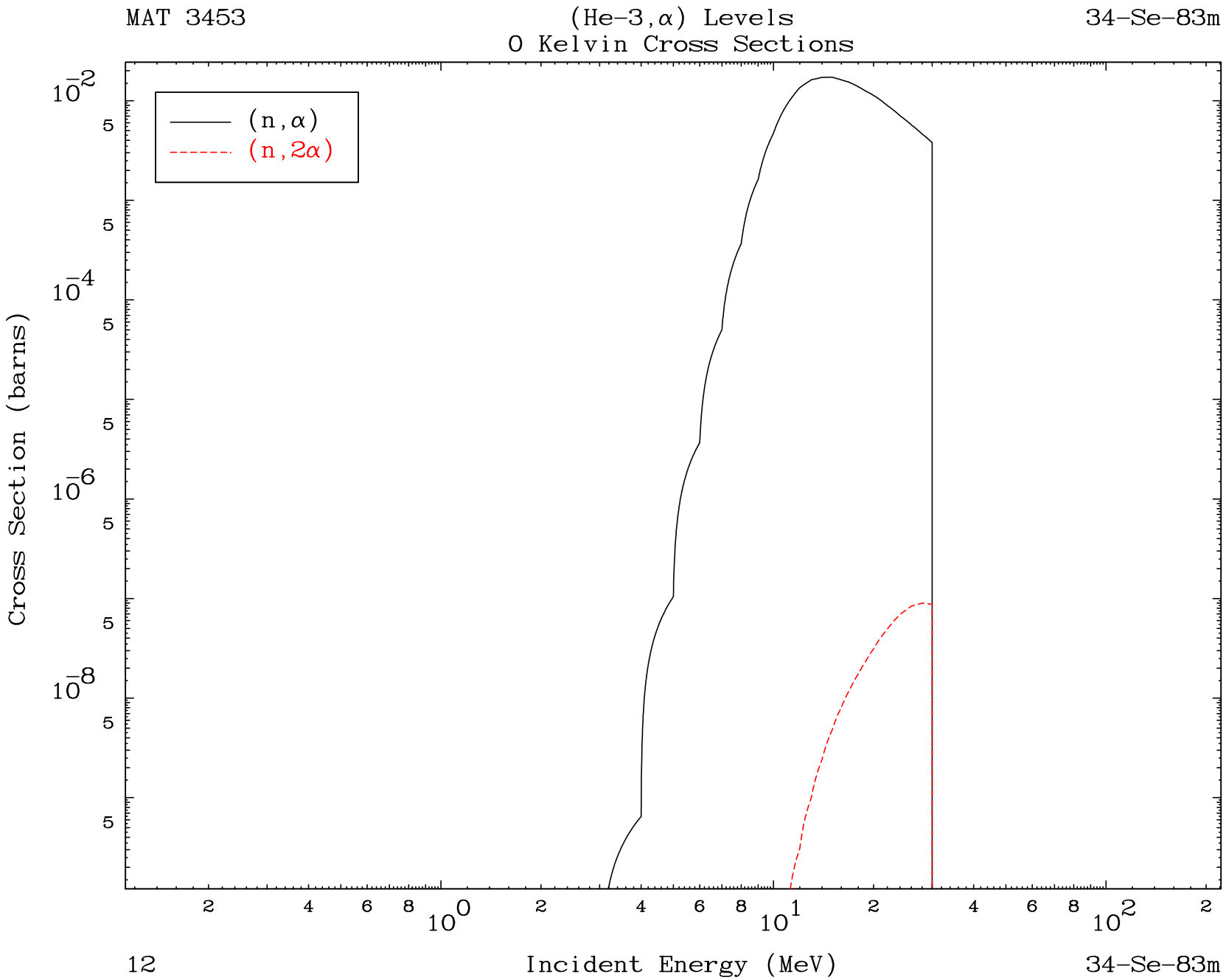

MAT 3453
He-3 Charged Particle
0 Kelvin Cross Sections
34-Se-83m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
34-Se-83m

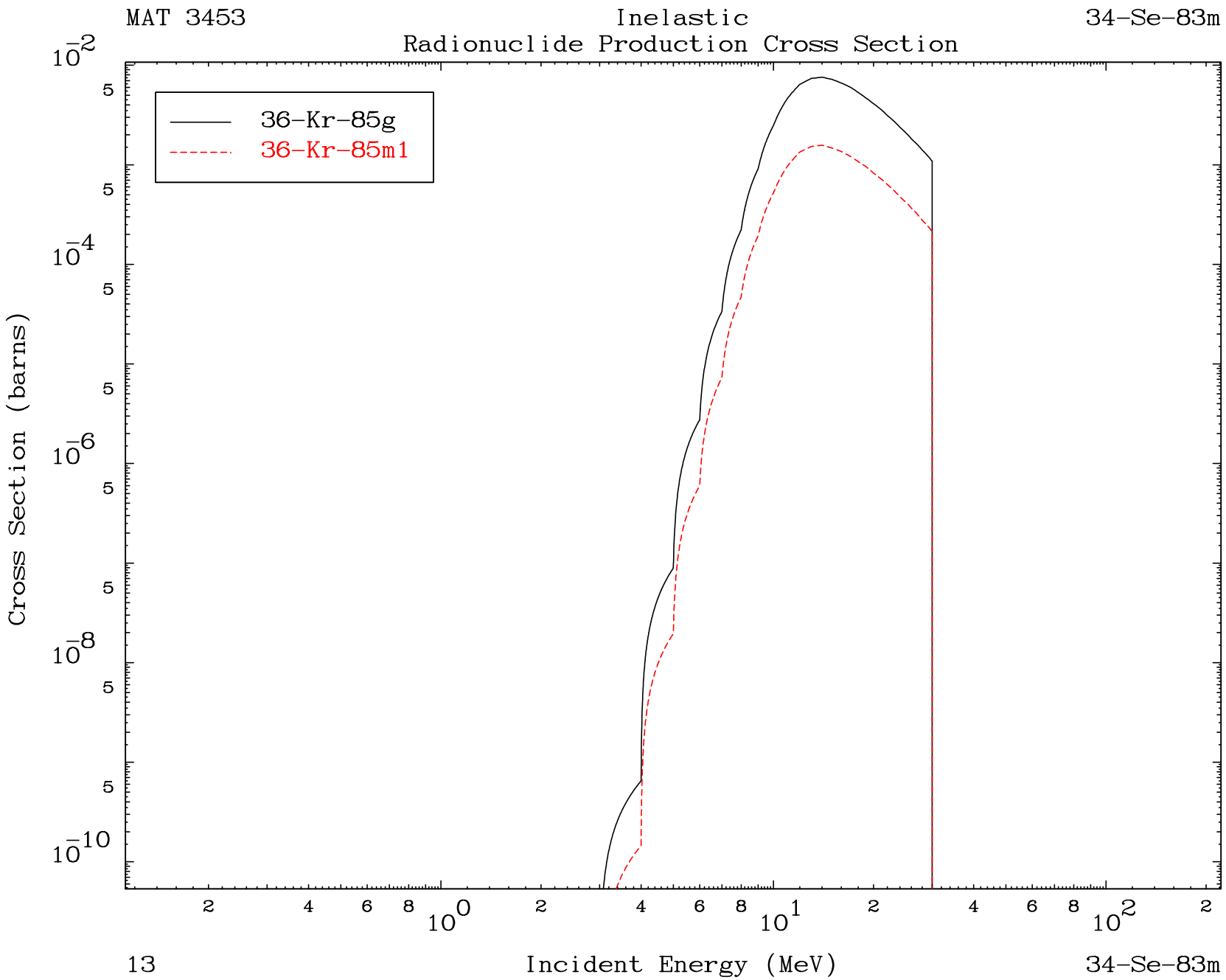

MAT 3453
(He-3,p) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
34-Se-83m

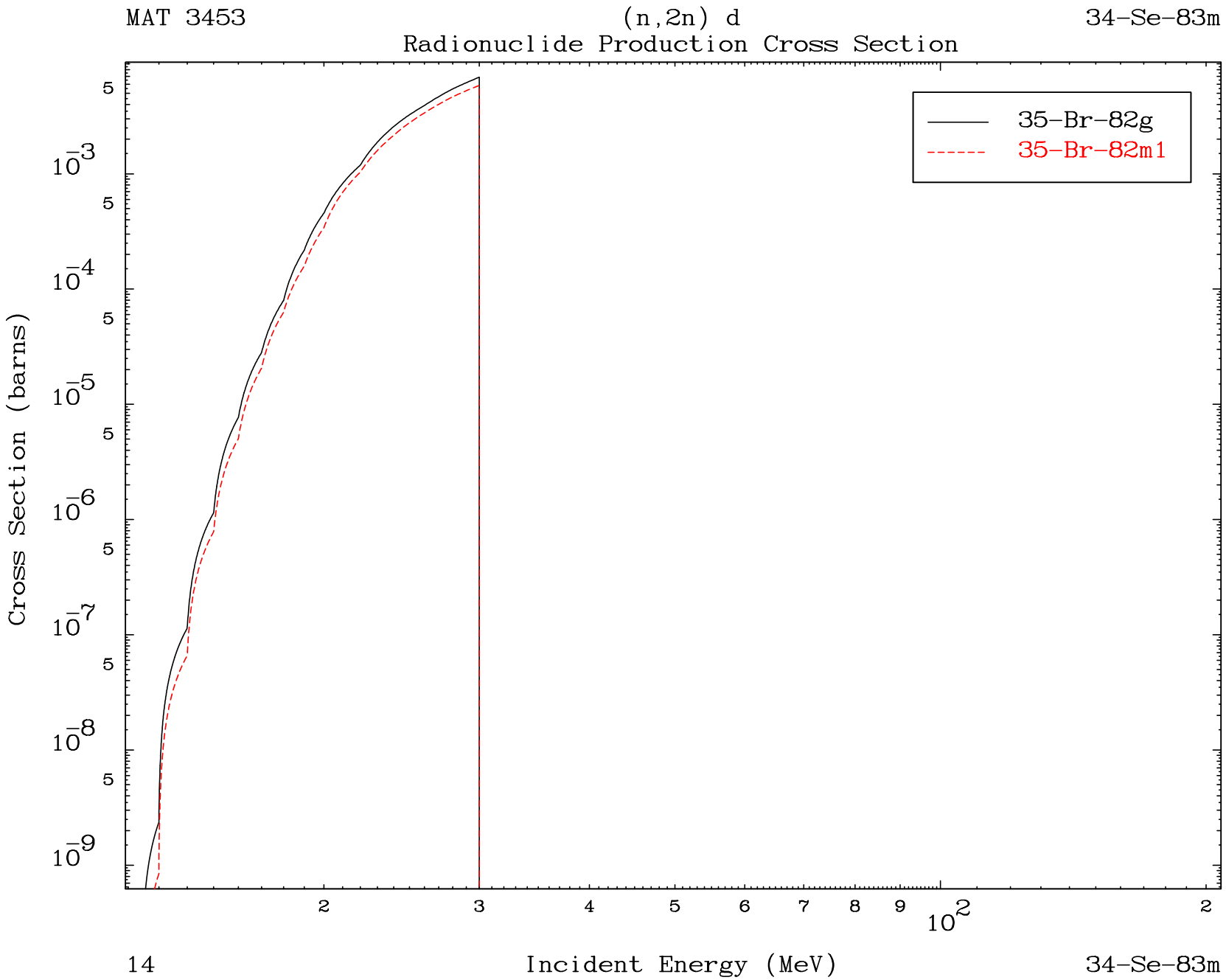

MAT 3453
(He-3,d) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
34-Se-83m

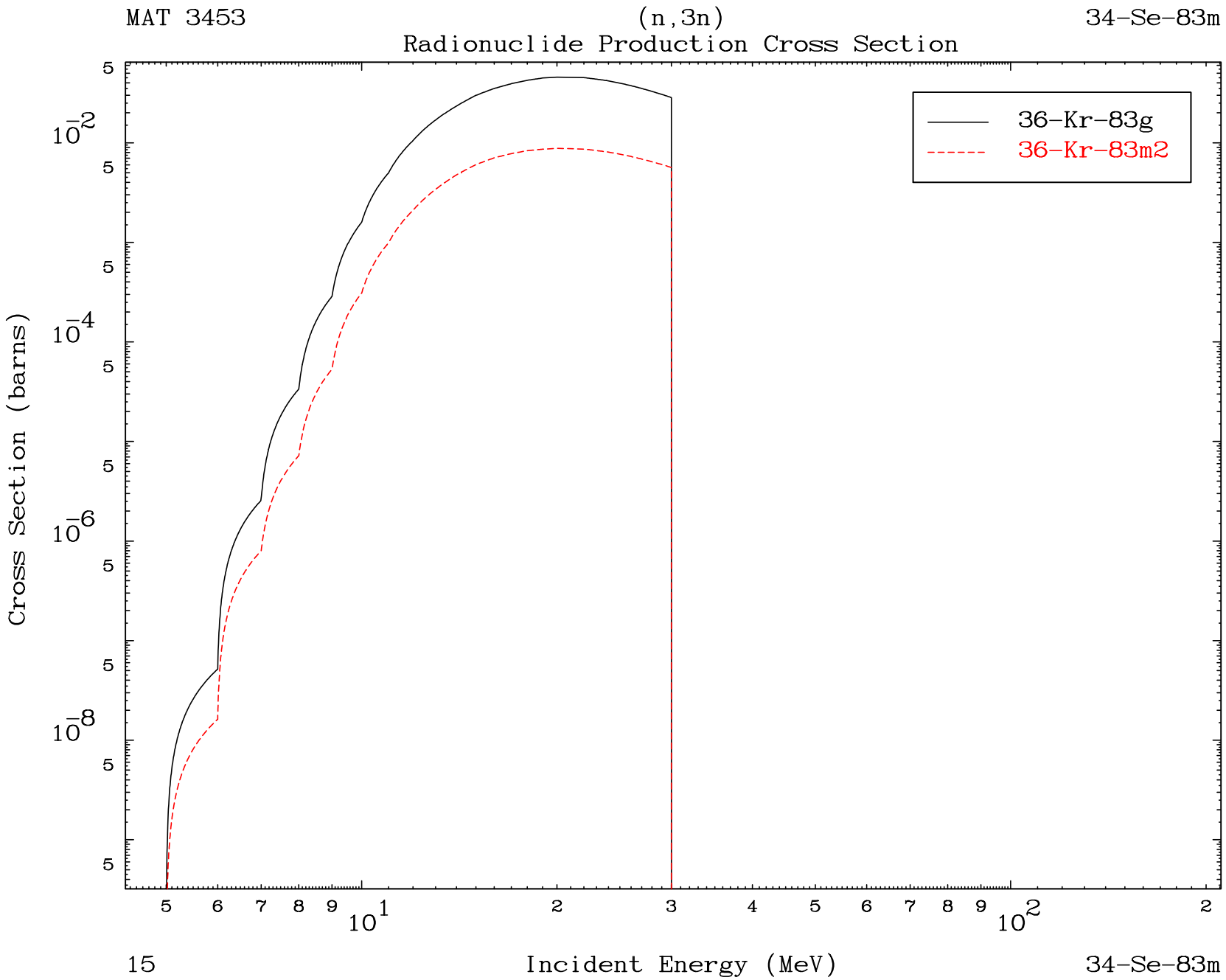

MAT 3453
(He-3,t) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
34-Se-83m
10

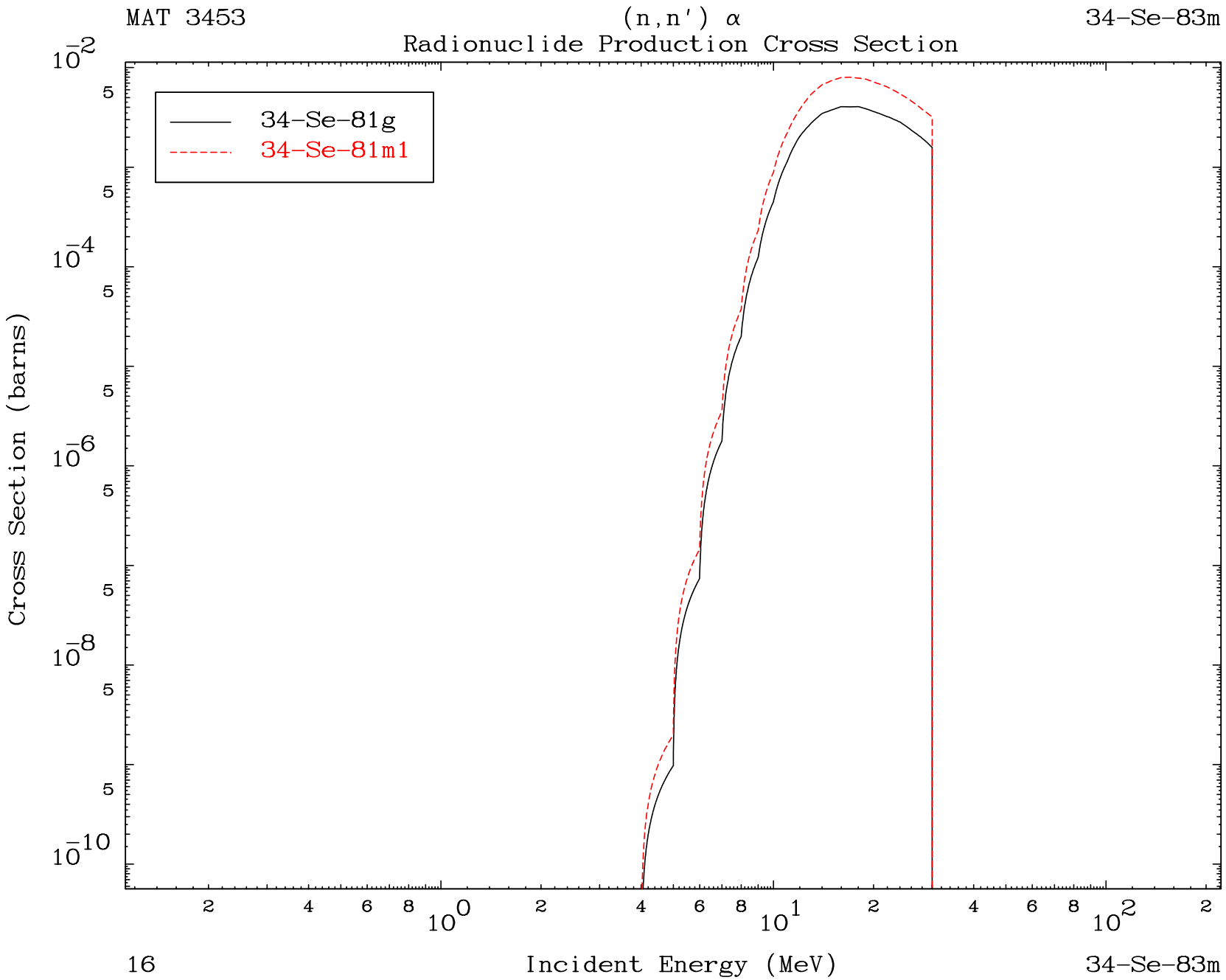

MAT 3453
(He-3,He3) Levels
34-Se-83m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
34-Se-83m

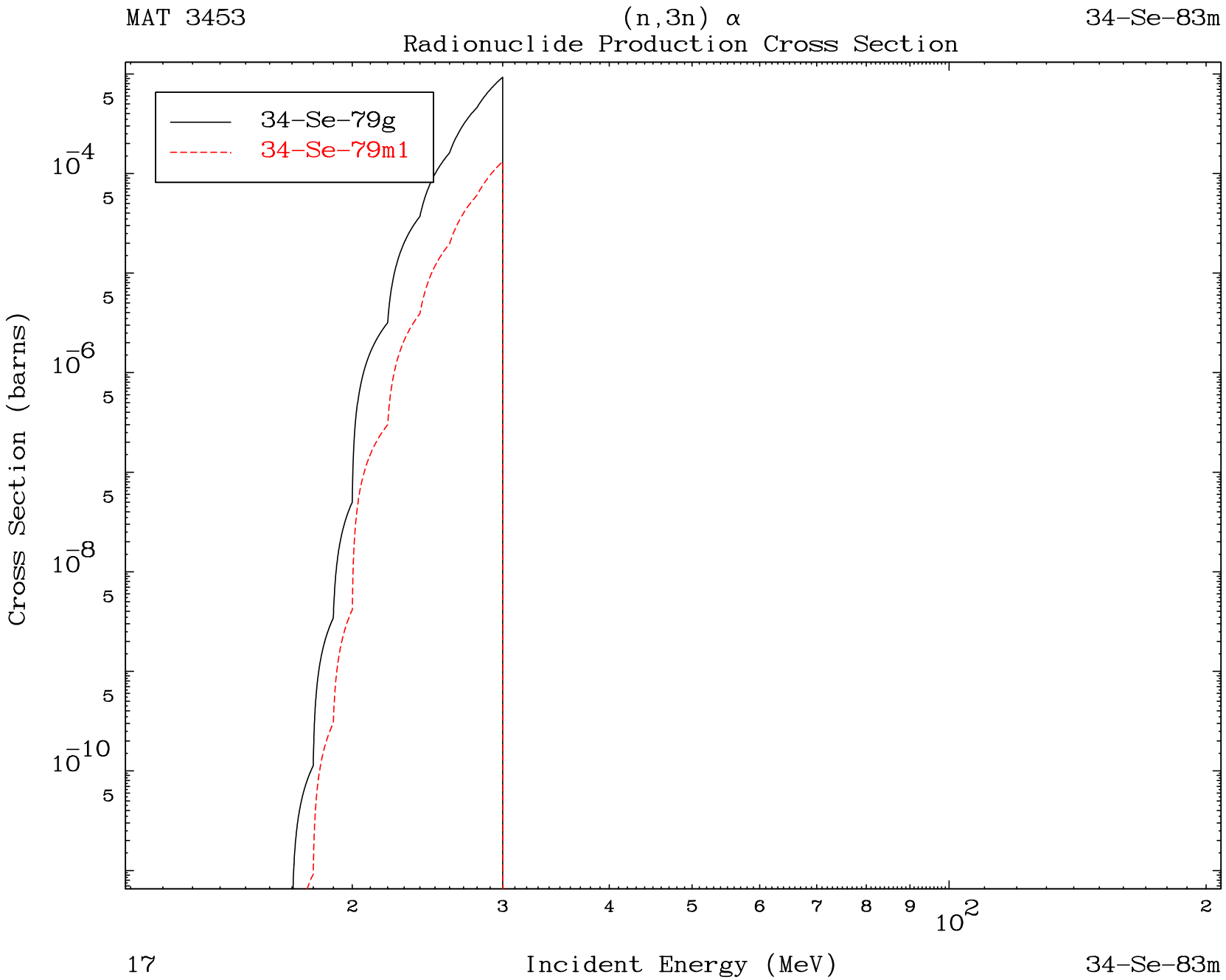

MAT 3453
(He-3,α) Levels
0 Kelvin Cross Sections
34-Se-83m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
34-Se-83m

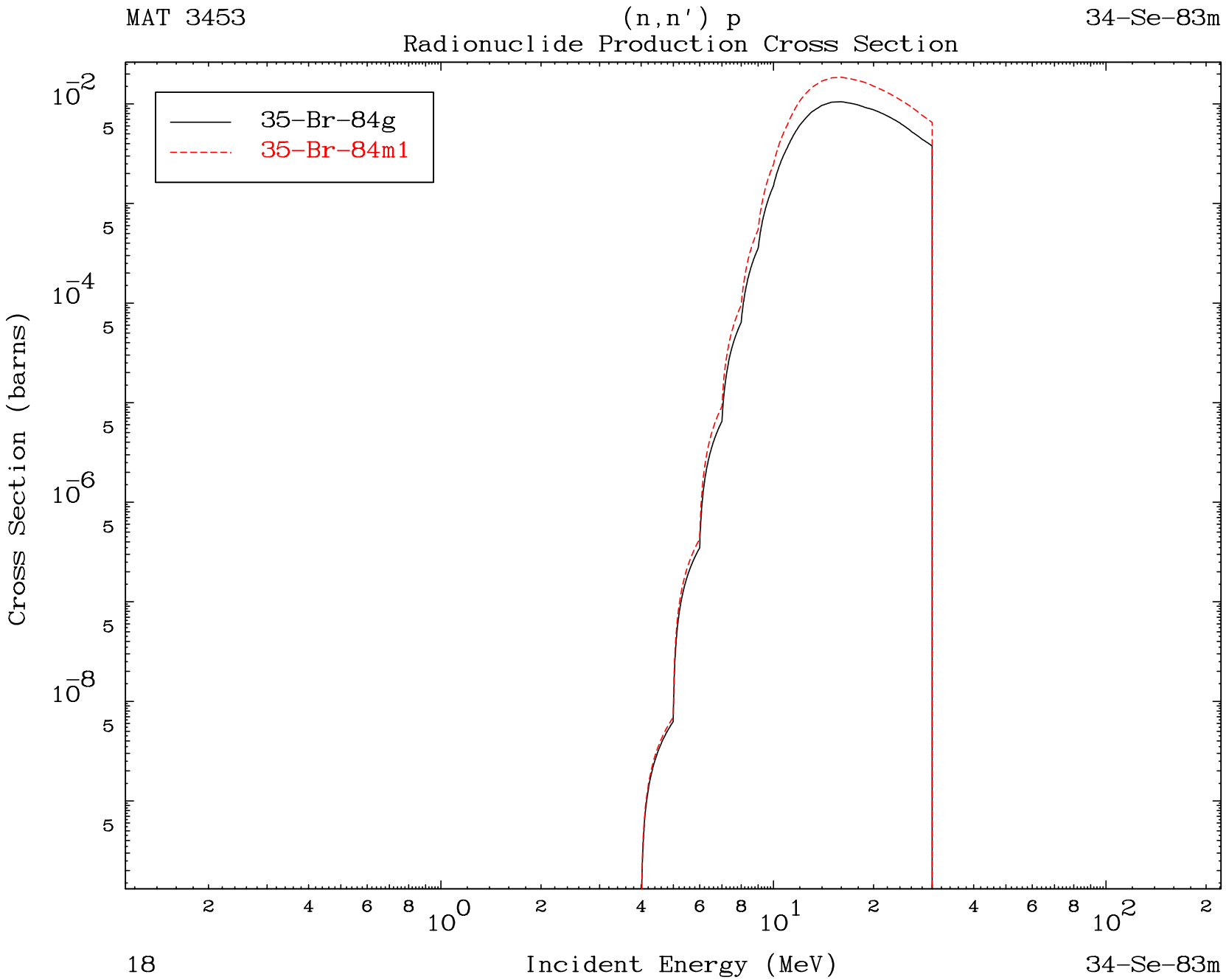

MAT 3453
Inelastic
34-Se-83m
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
13
34-Se-83m

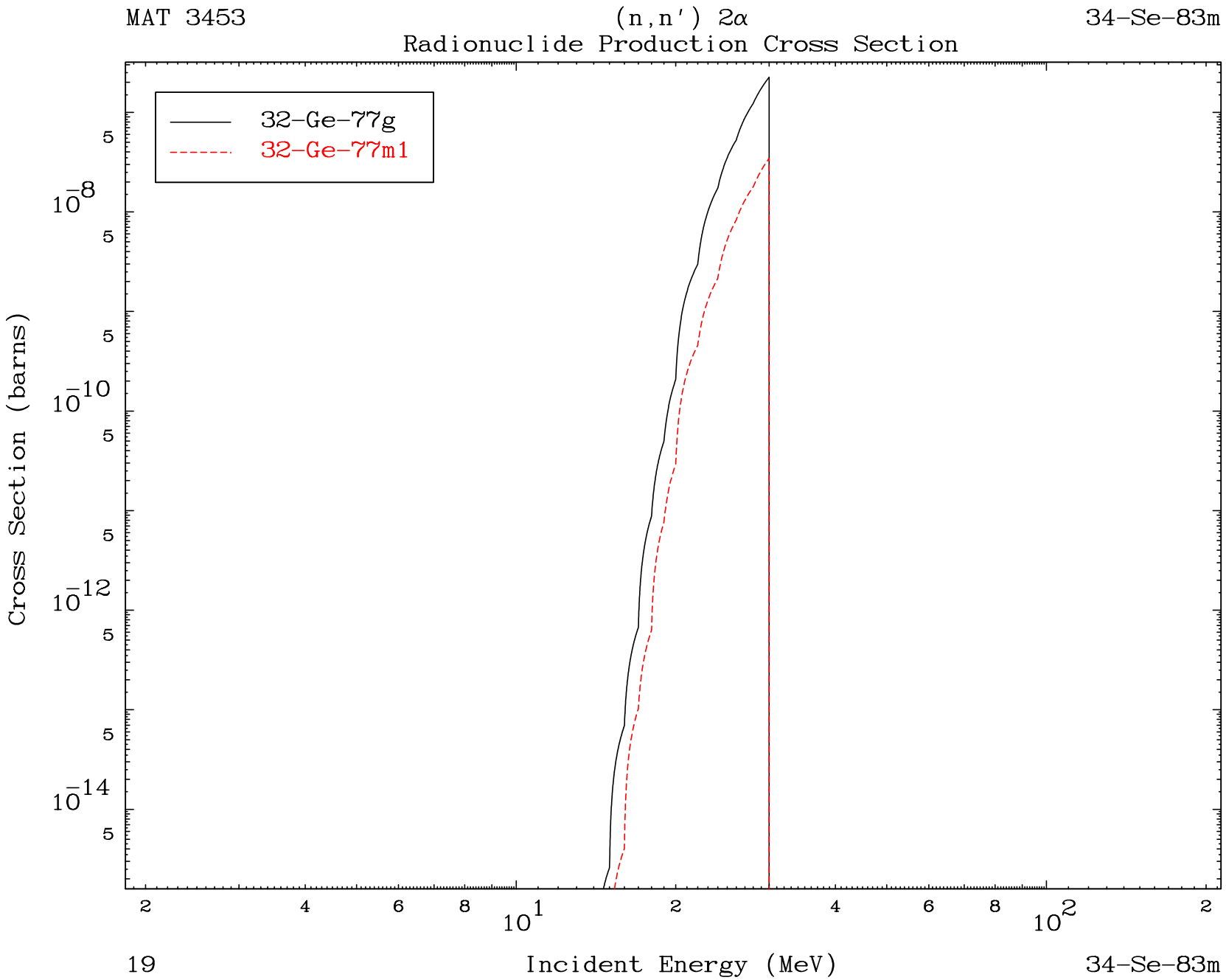

MAT 3453
(n,2n) d
34-Se-83m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
14
34-Se-83m

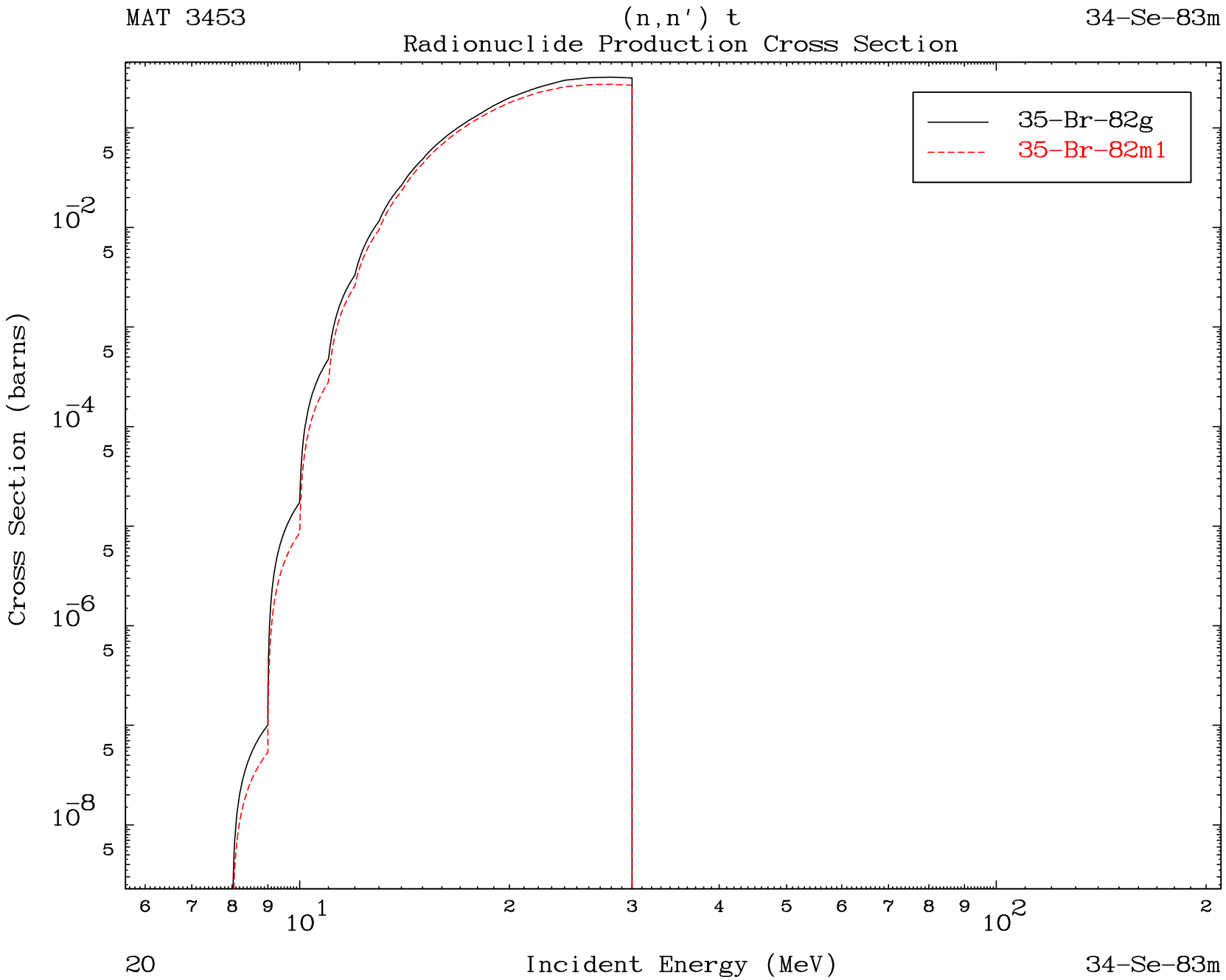

MAT 3453
(n,3n)
34-Se-83m
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
15
34-Se-83m

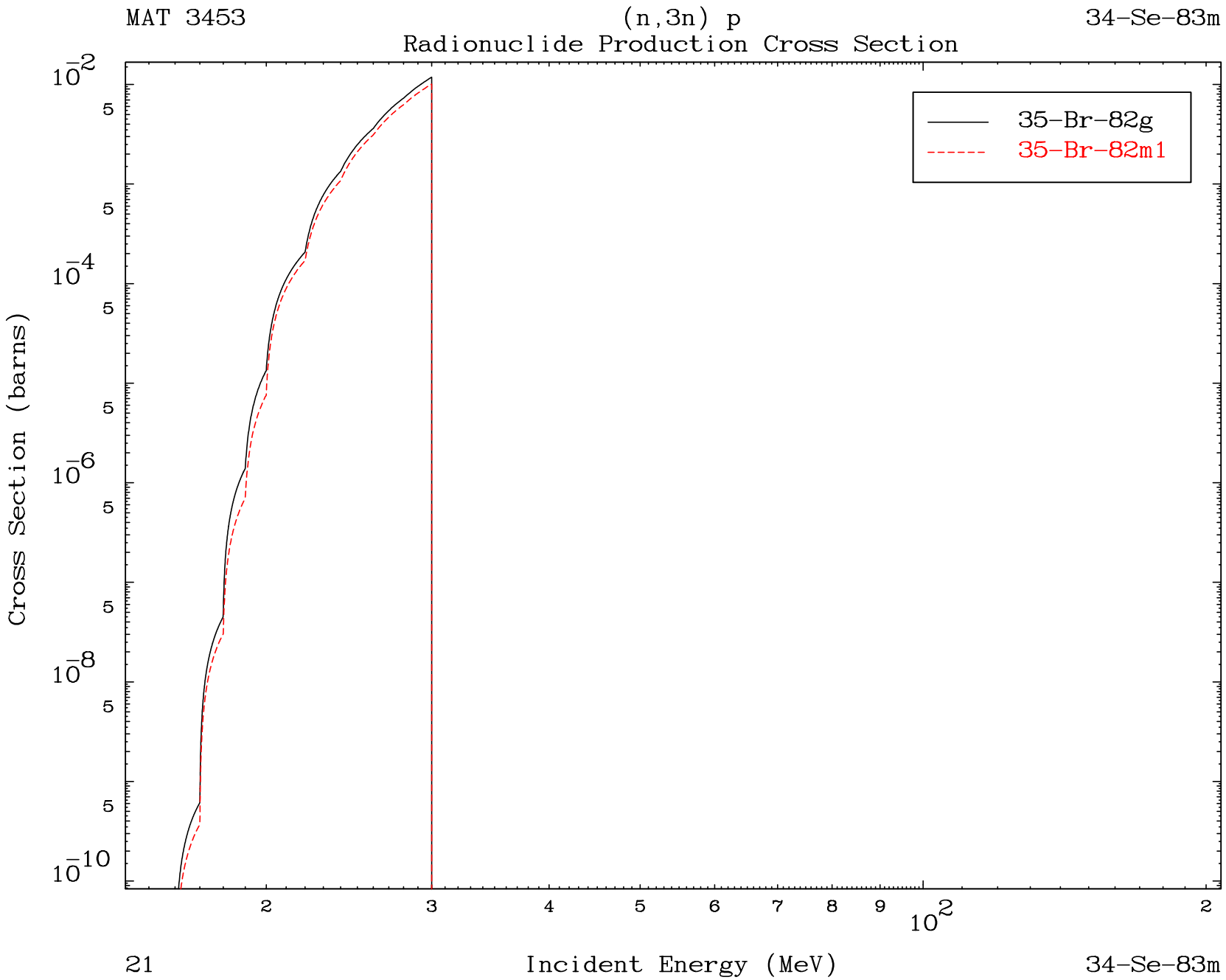

MAT 3453
(n,n') α
34-Se-83m
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
16
34-Se-83m

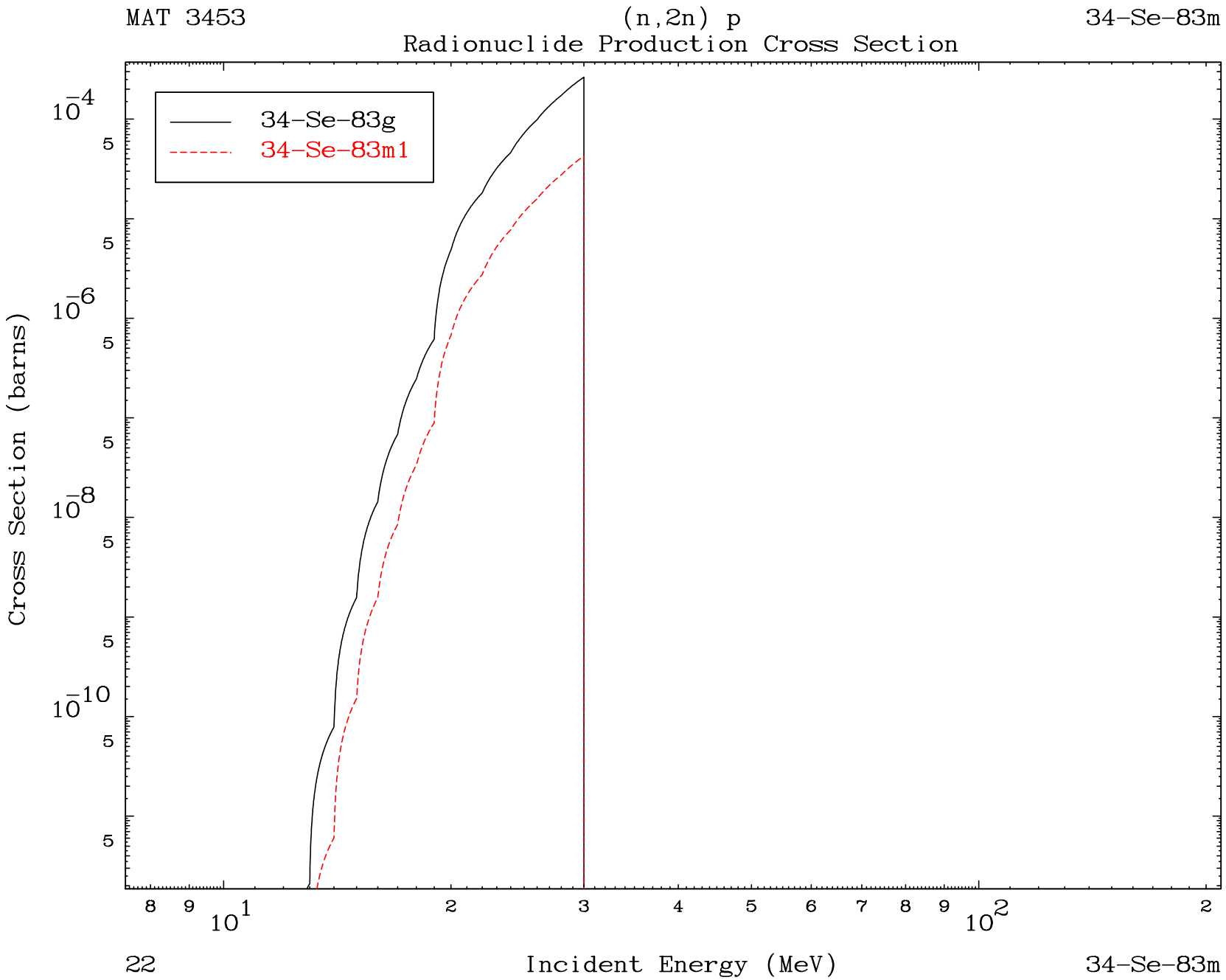

MAT 3453
(n,3n) α
34-Se-83m
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
34-Se-83m

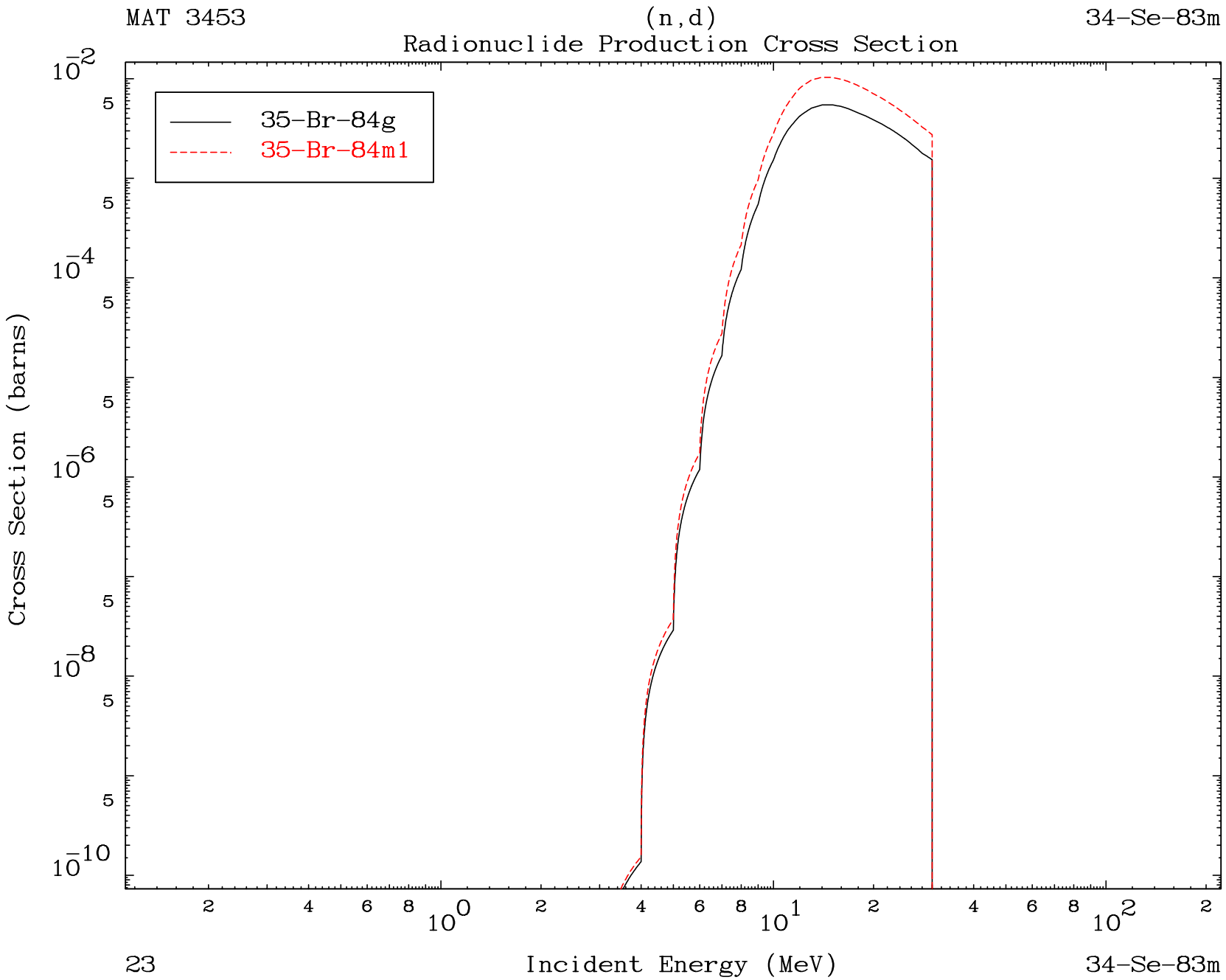

MAT 3453
(n,n') p
34-Se-83m
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
Incident Energy (MeV)
18
34-Se-83m

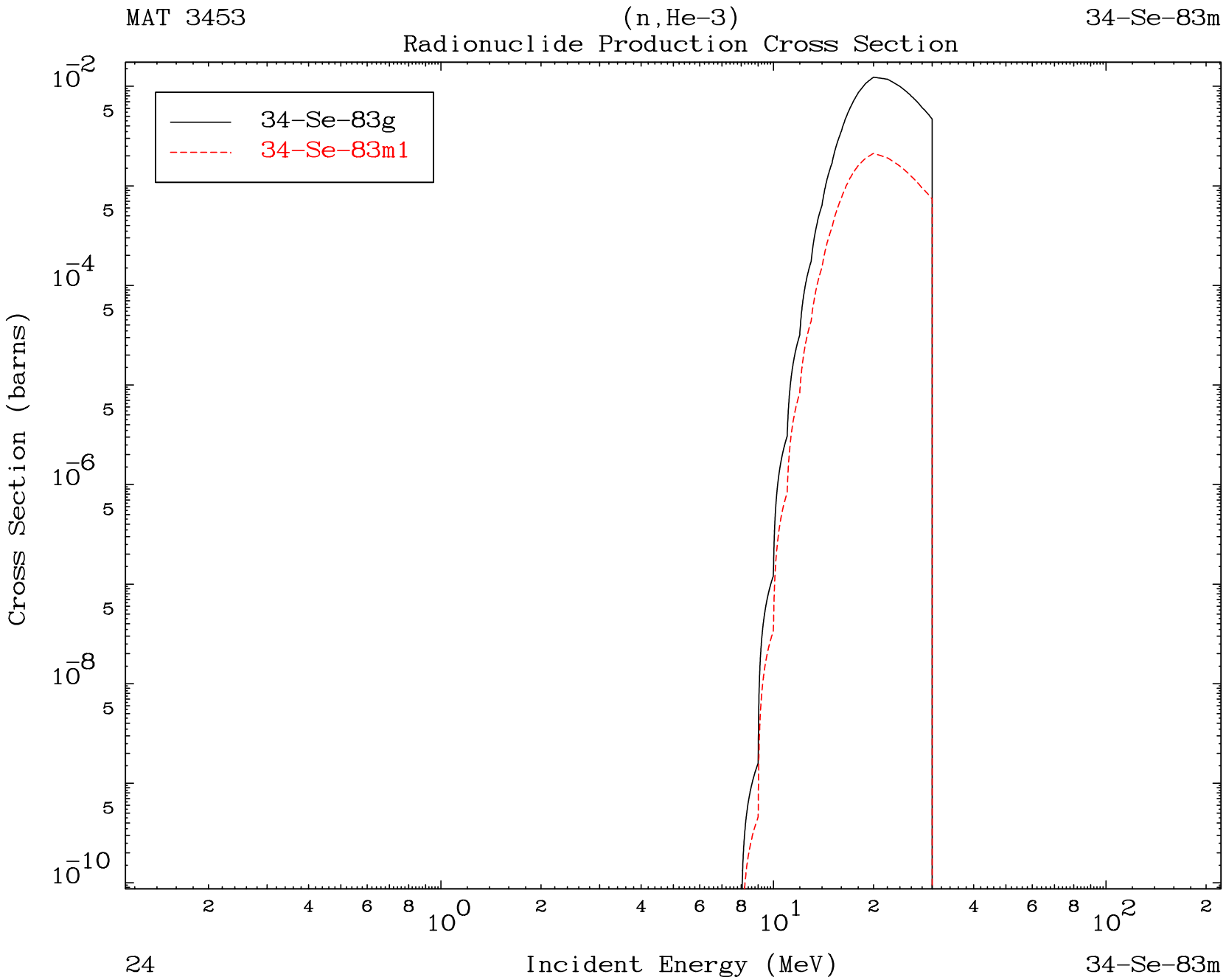

MAT 3453
(n,n') 2α
34-Se-83m
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
4
6
8
10^1
10^2
19
Incident Energy (MeV)
34-Se-83m

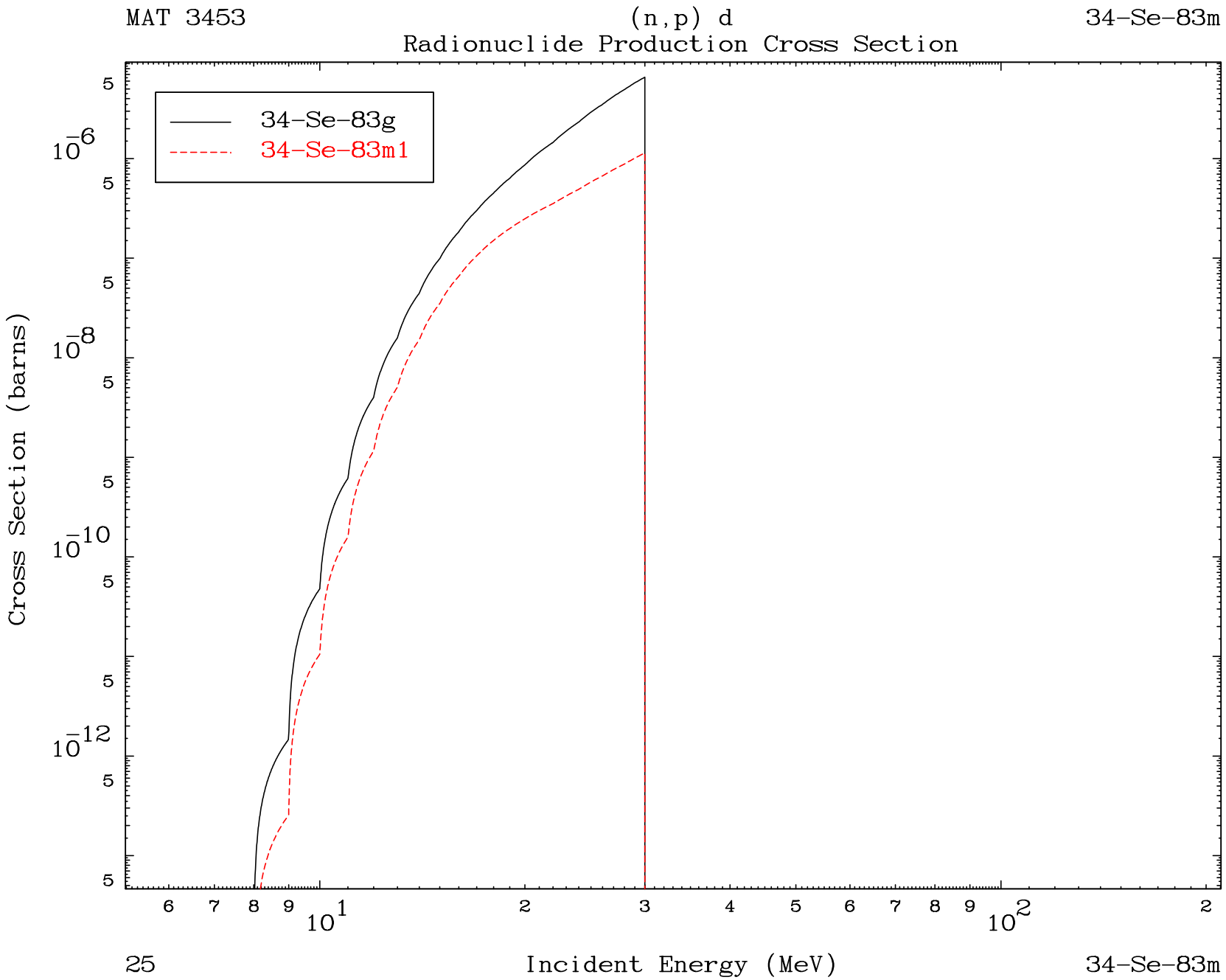

MAT 3453
(n,n') t
34-Se-83m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
20
34-Se-83m


MAT 3453
(n,3n) p
34-Se-83m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
21
34-Se-83m


MAT 3453
(n,2n) p
34-Se-83m
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
22
34-Se-83m


MAT 3453
(n,d)
34-Se-83m
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
Incident Energy (MeV)
23
34-Se-83m


MAT 3453
(n,He-3)
34-Se-83m
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
24
34-Se-83m


MAT 3453
(n,p) d
34-Se-83m
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
25
34-Se-83m