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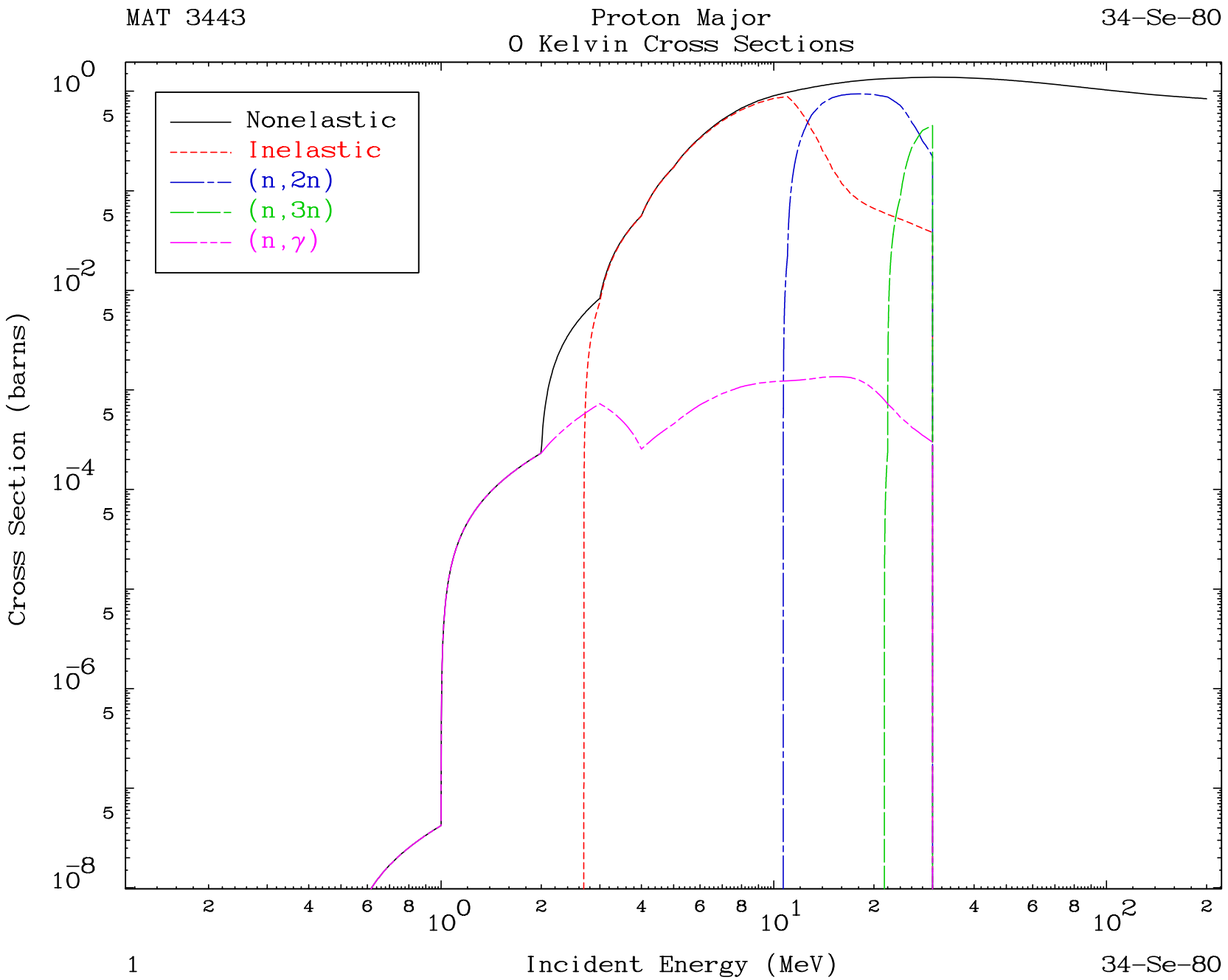
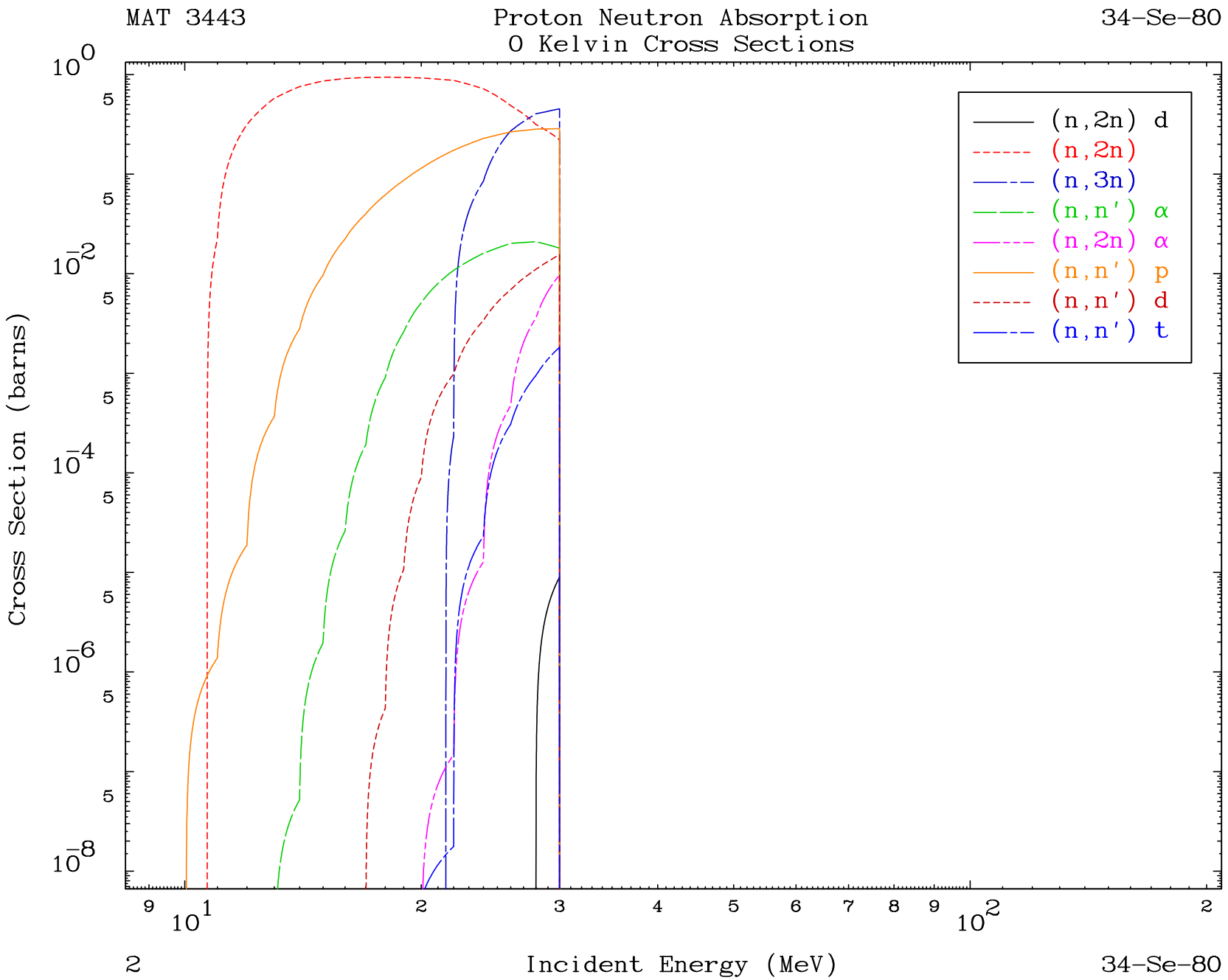
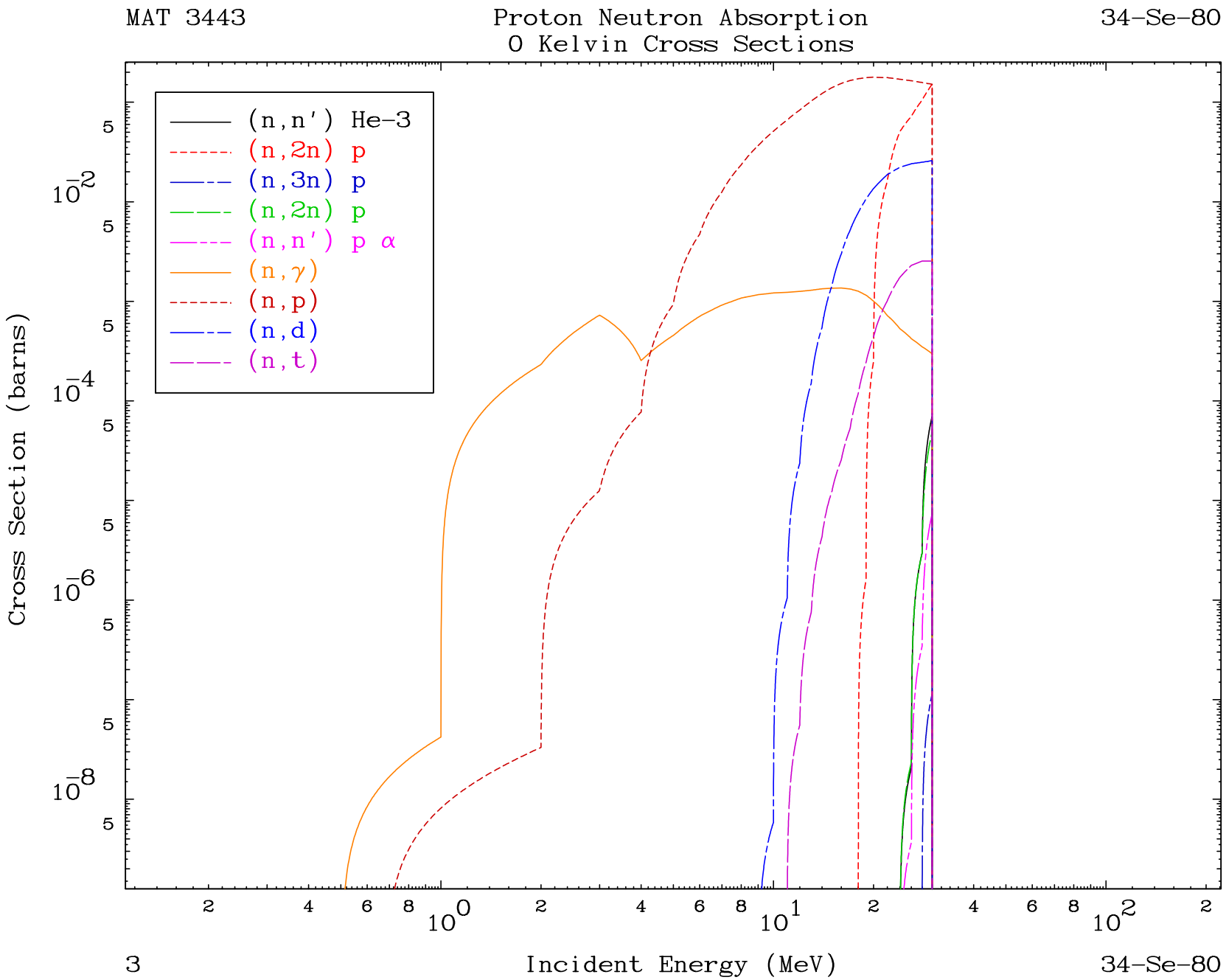
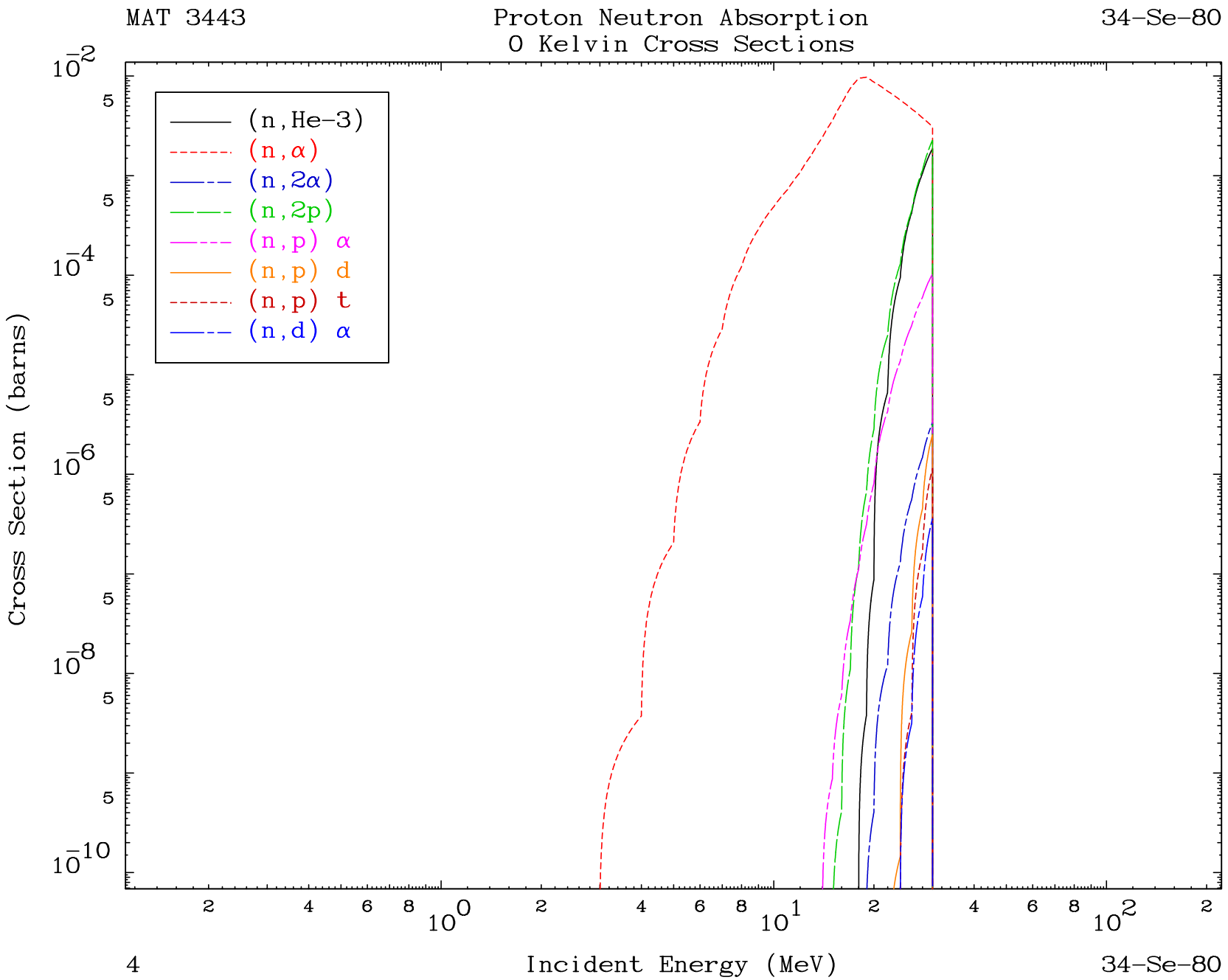
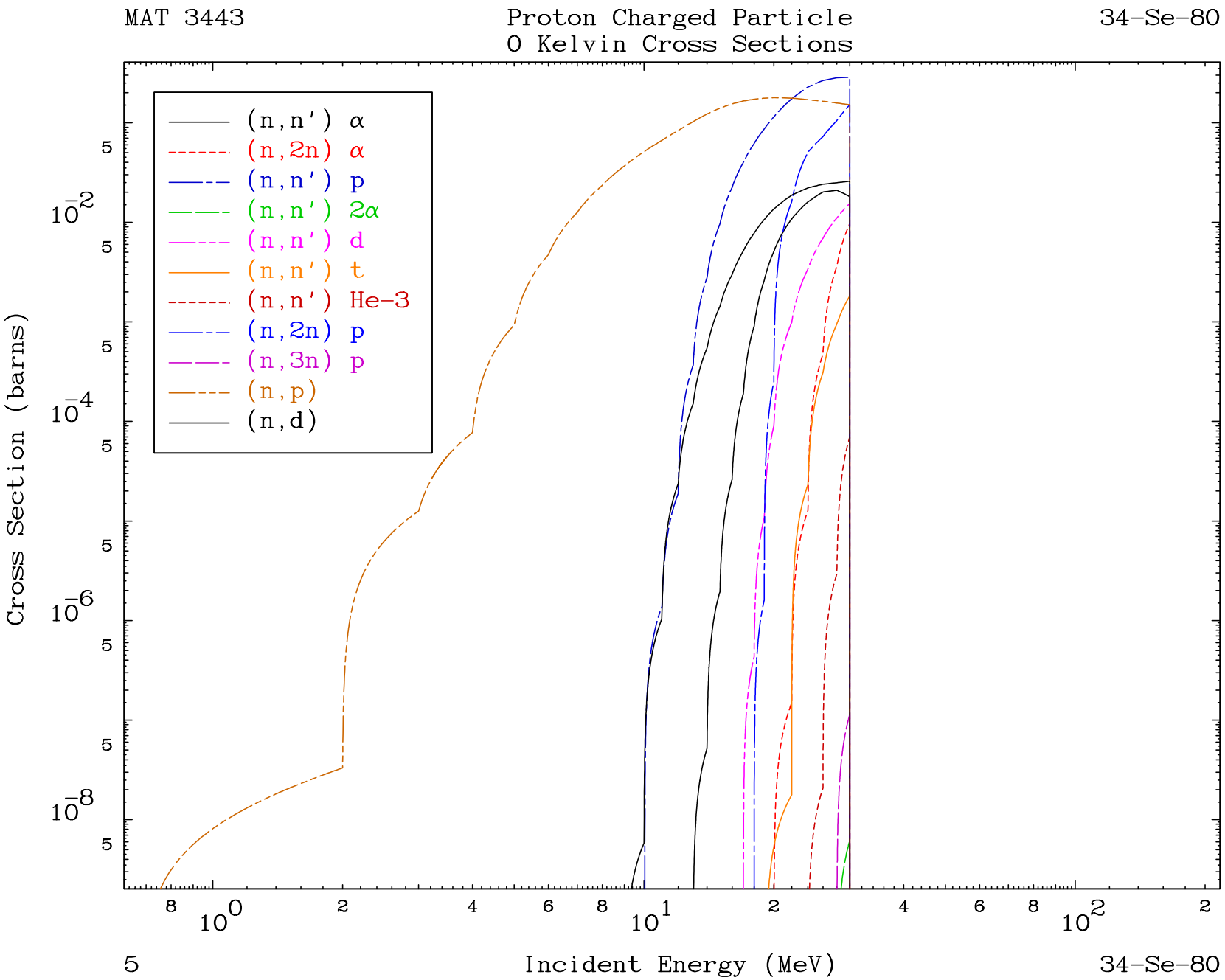
Press Mouse Button to Start

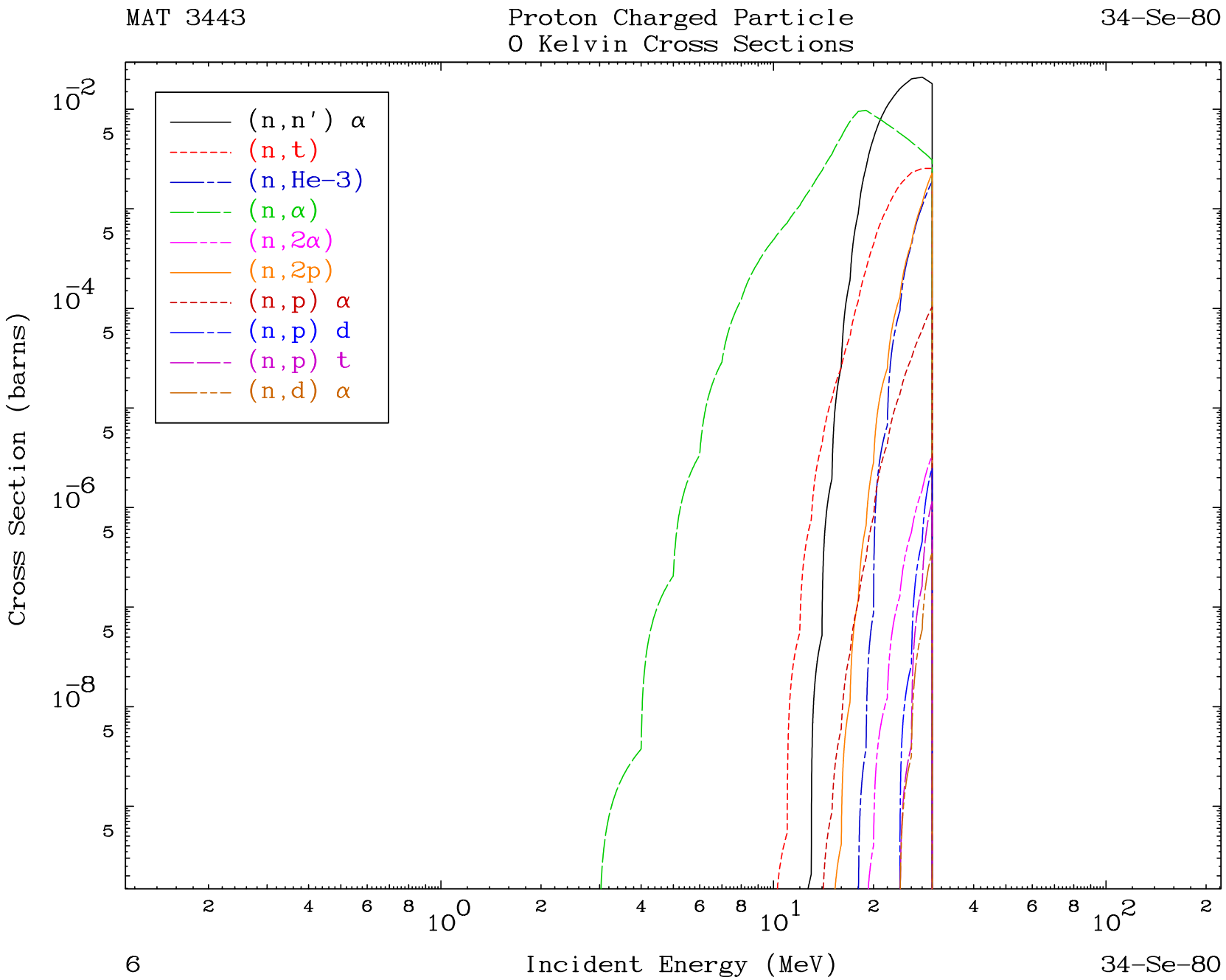

MAT 3443
Proton Major
34-Se-80
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
34-Se-80

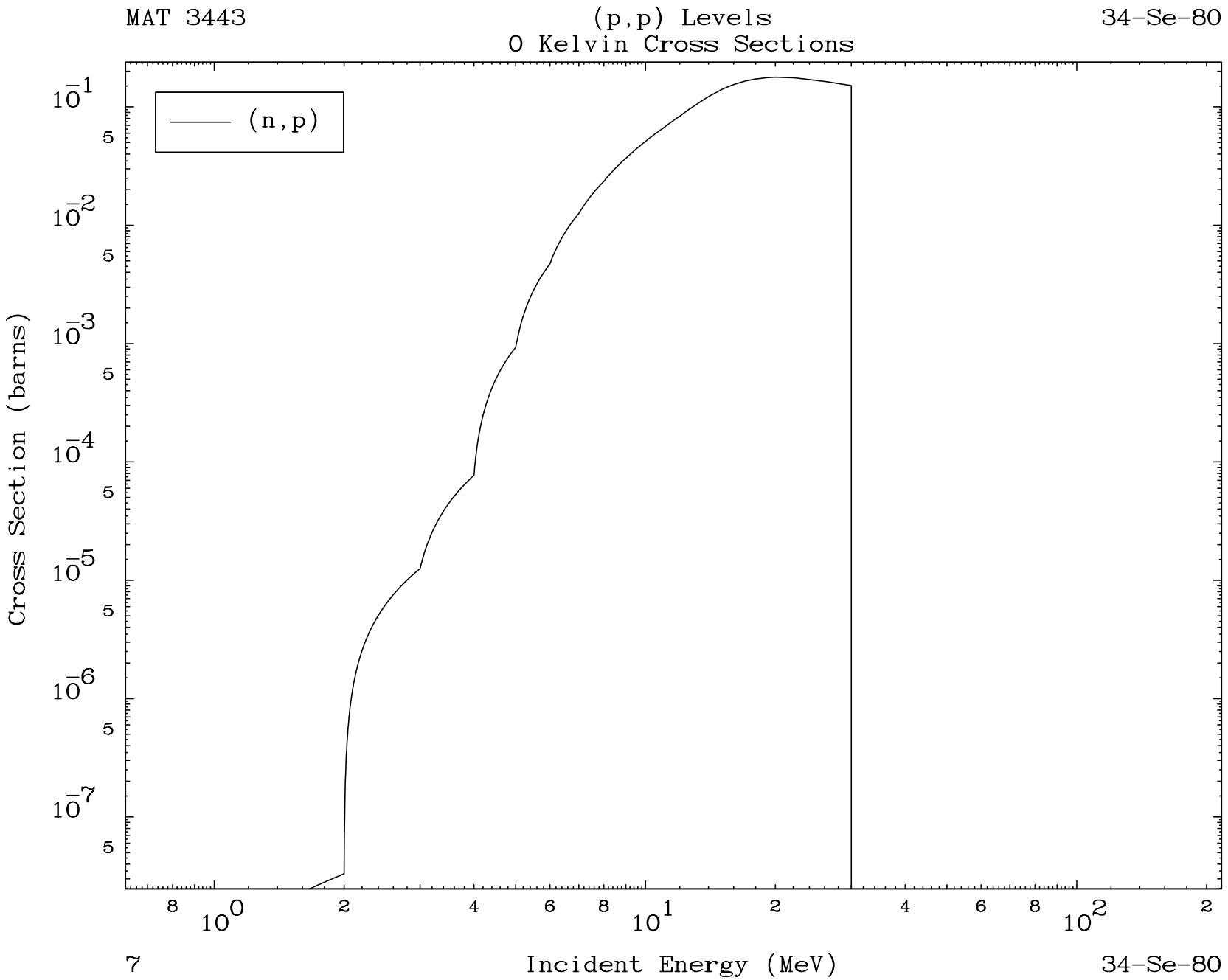

MAT 3443
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-80
Cross Section (barns)
Incident Energy (MeV)
34-Se-80
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t

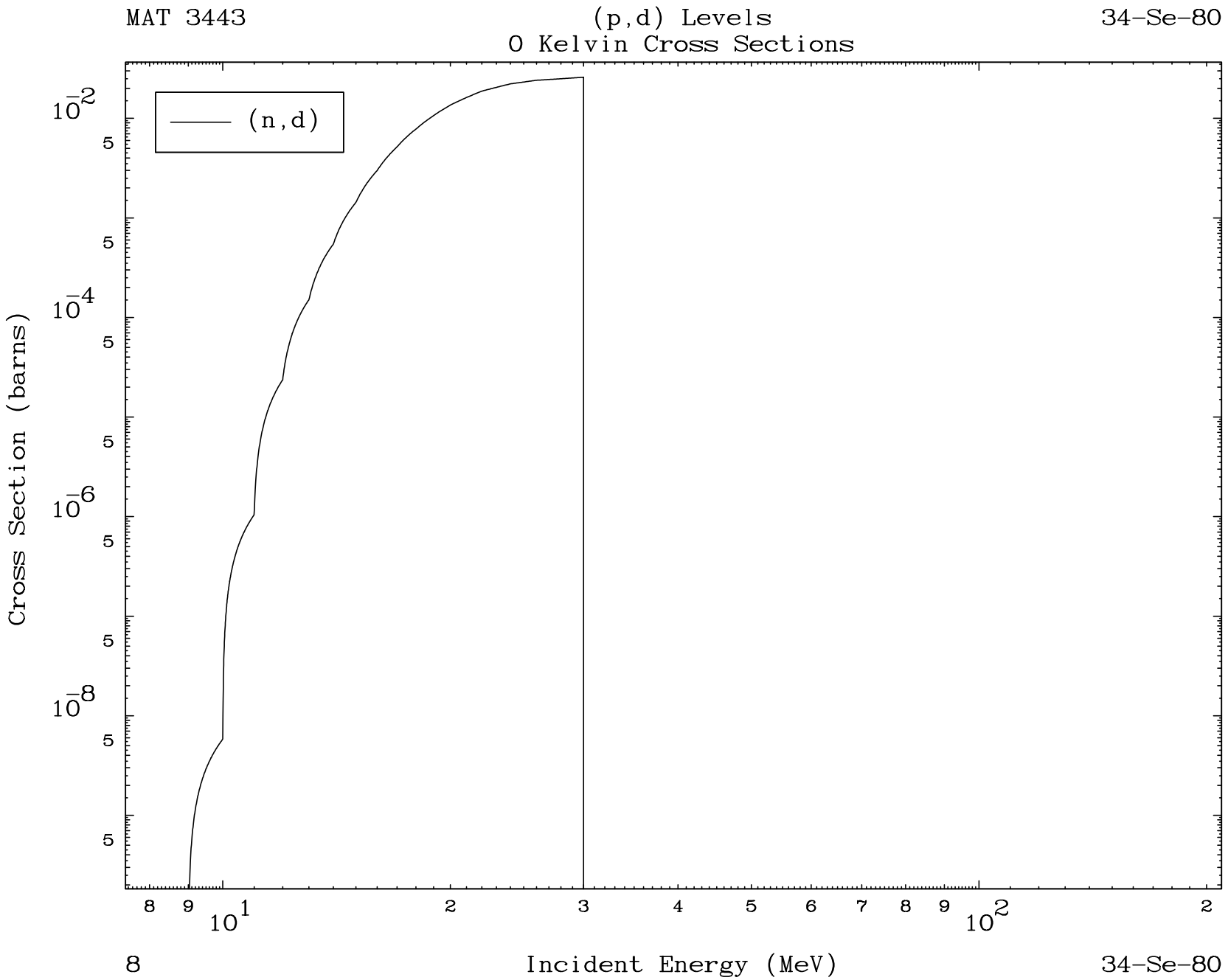

MAT 3443
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-80
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
34-Se-80

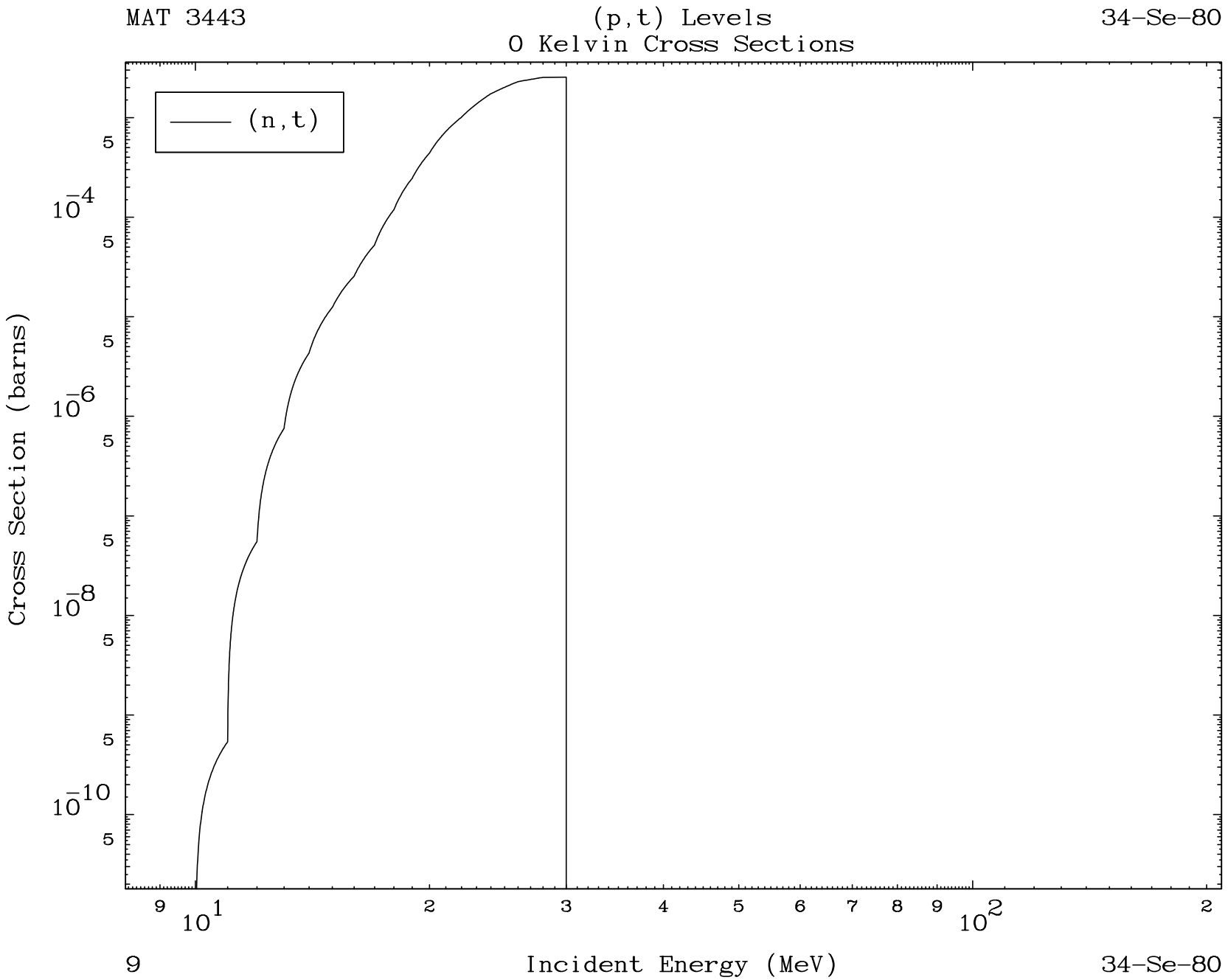

MAT 3443
Proton Neutron Absorption
0 Kelvin Cross Sections
34-Se-80
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
34-Se-80

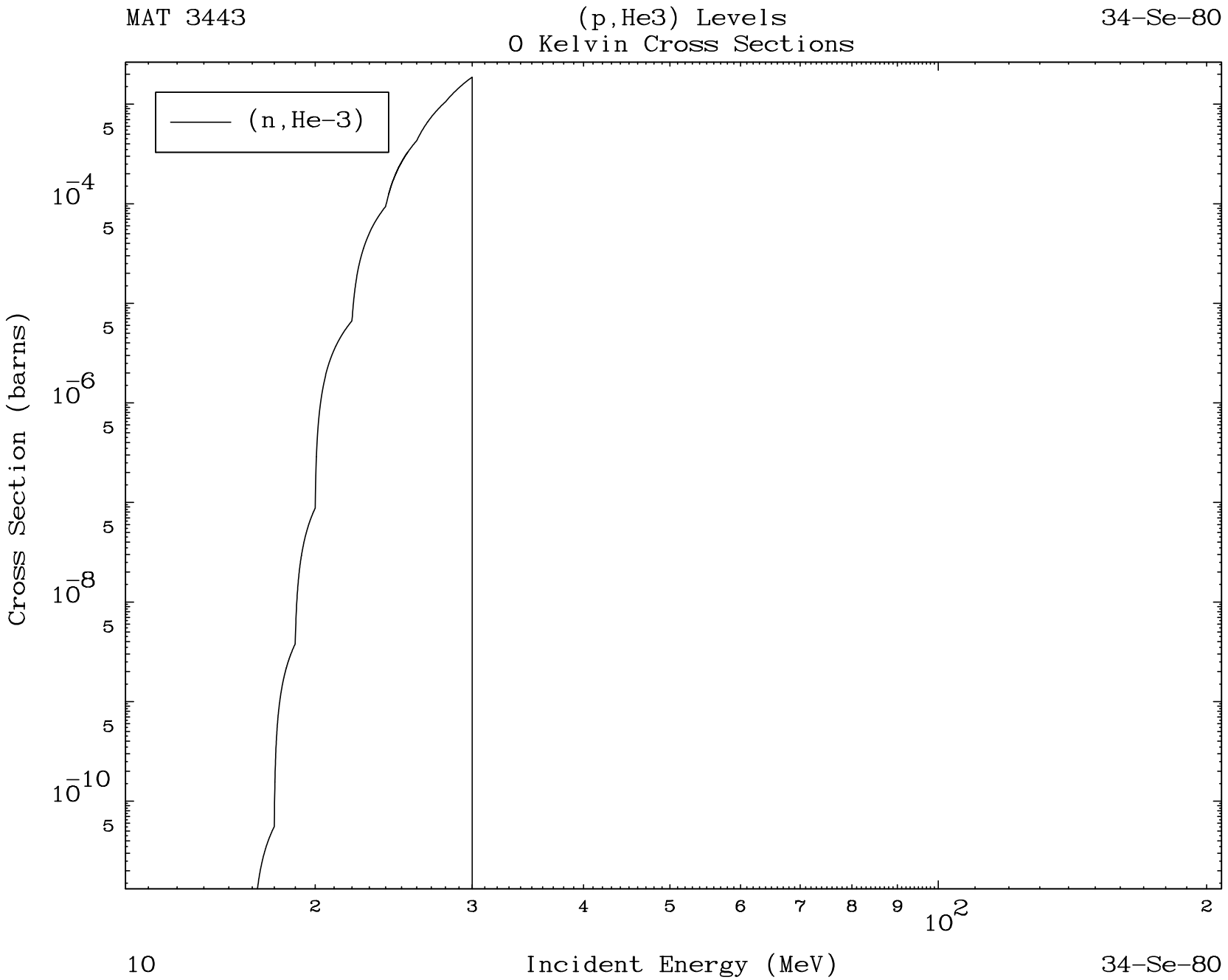

MAT 3443
Proton Charged Particle
0 Kelvin Cross Sections
34-Se-80
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
5
34-Se-80

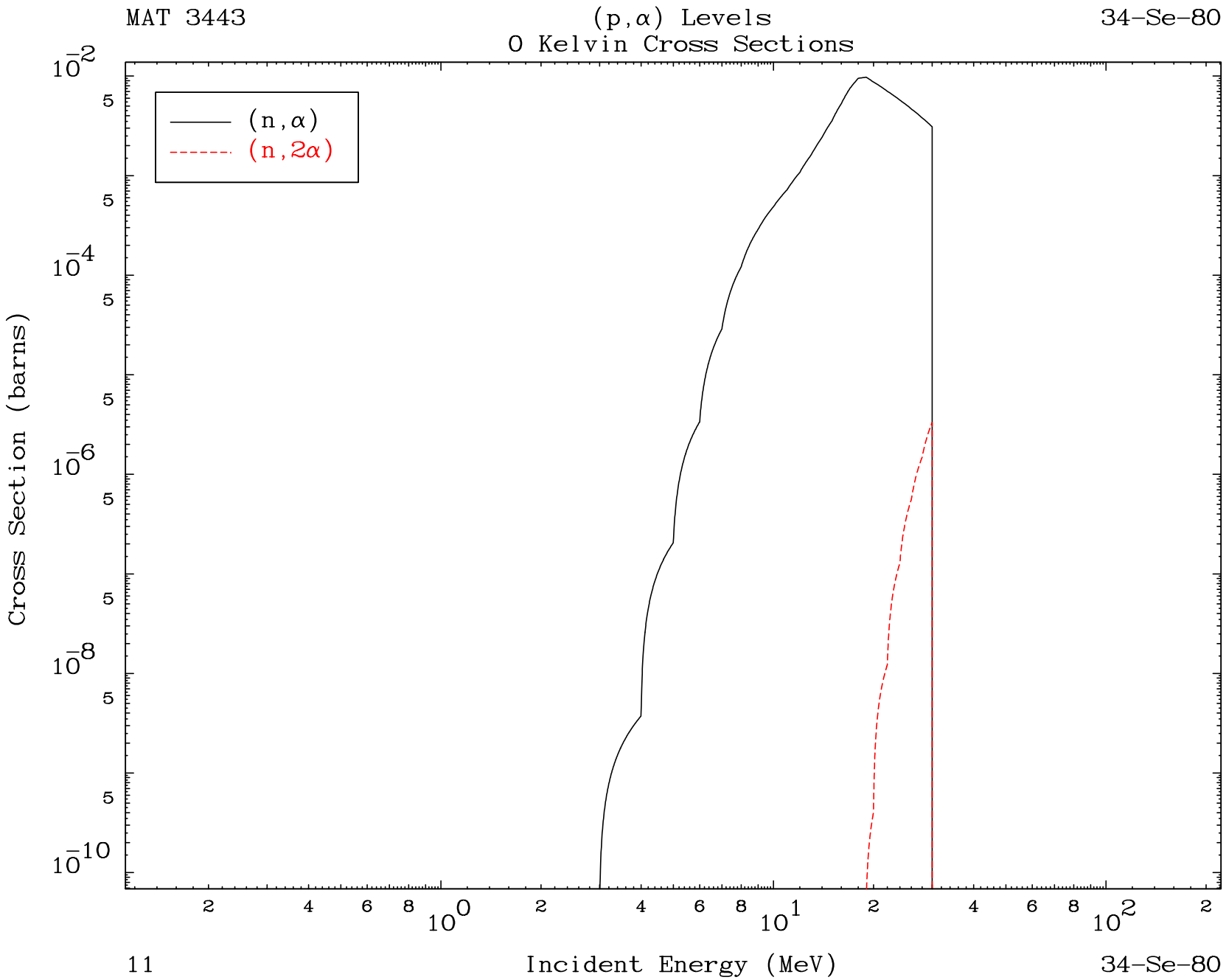

MAT 3443
Proton Charged Particle
0 Kelvin Cross Sections
34-Se-80
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
34-Se-80

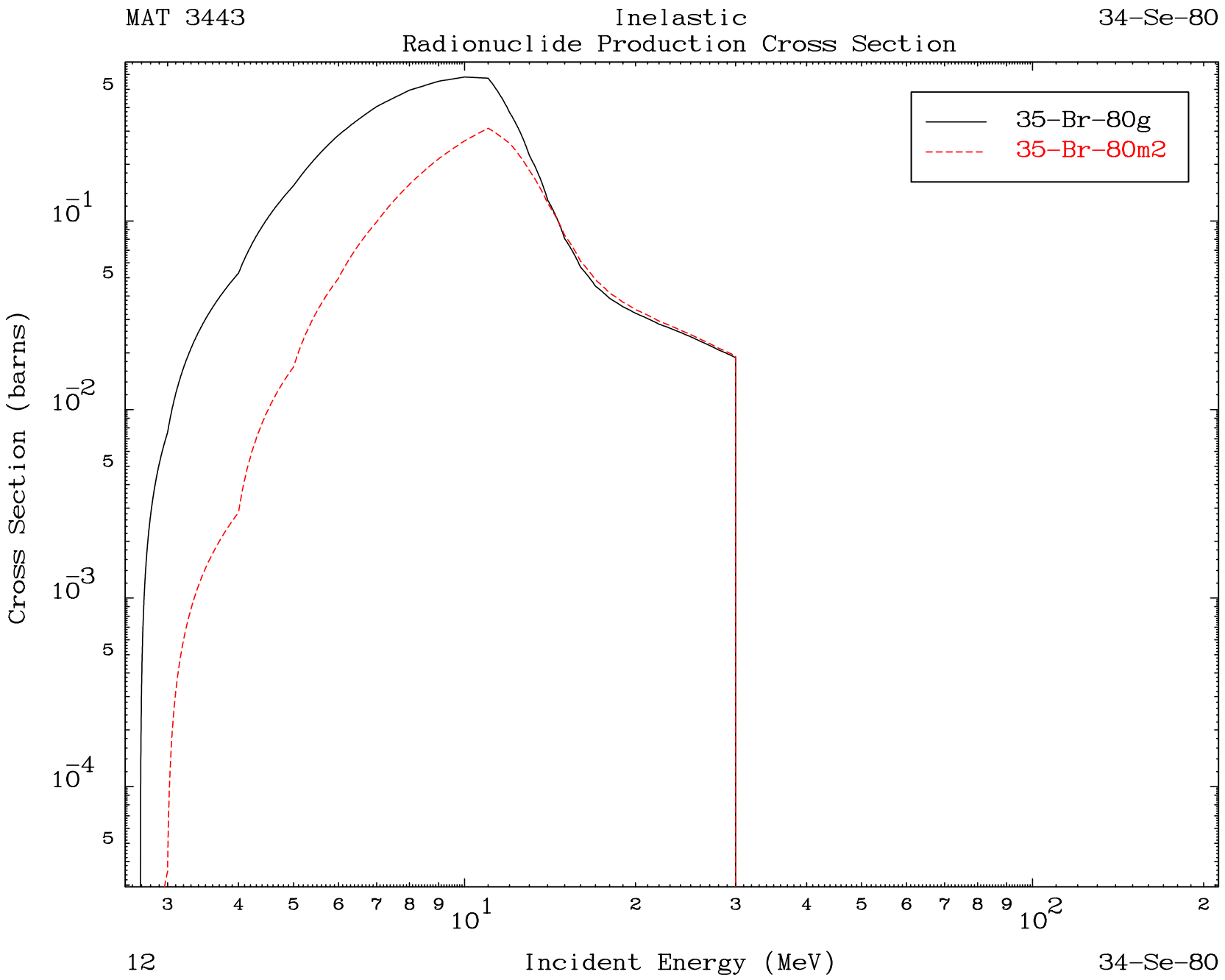

MAT 3443
(p,p) Levels
34-Se-80
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
34-Se-80

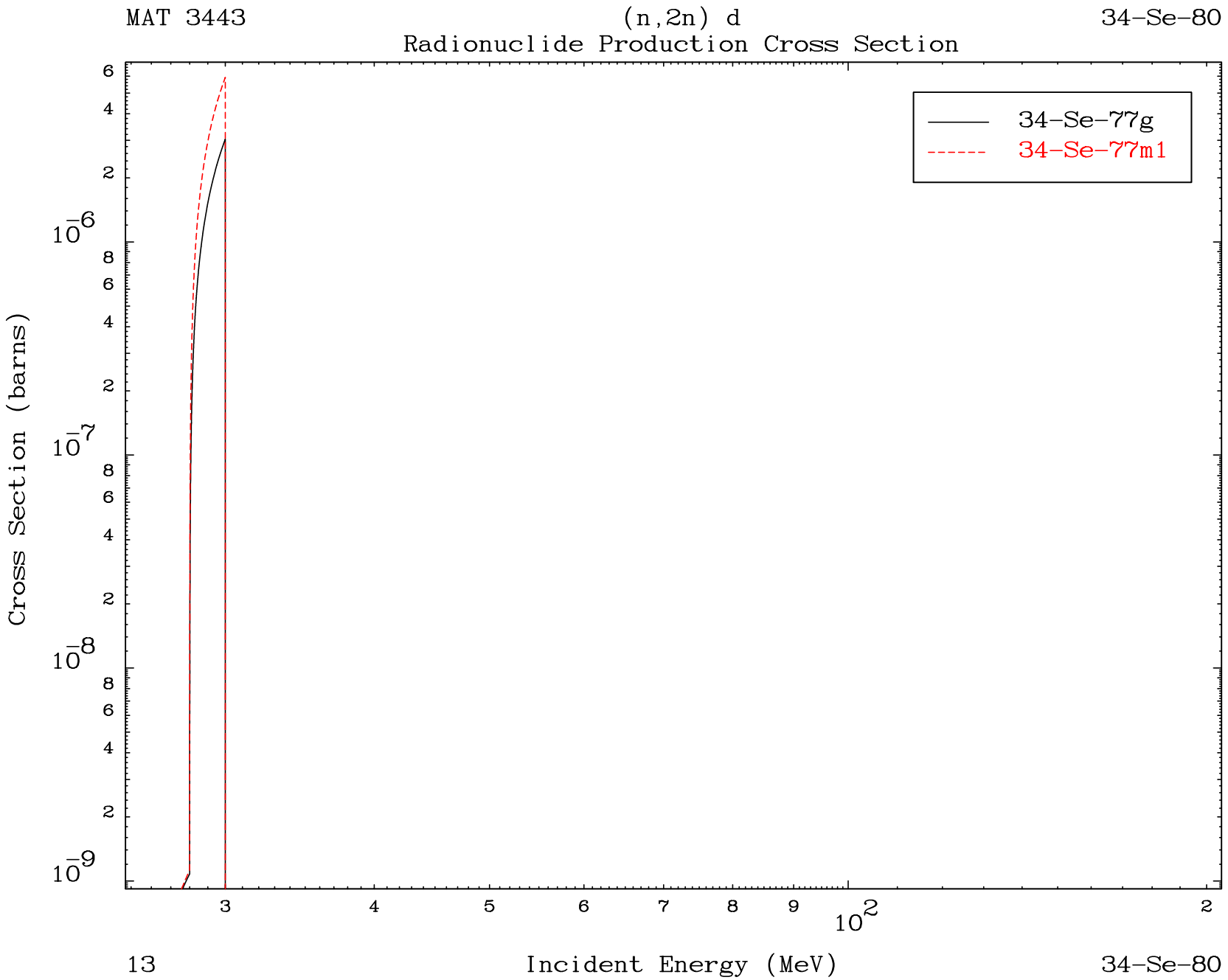

MAT 3443
(p,d) Levels
34-Se-80
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
101
102
8
34-Se-80

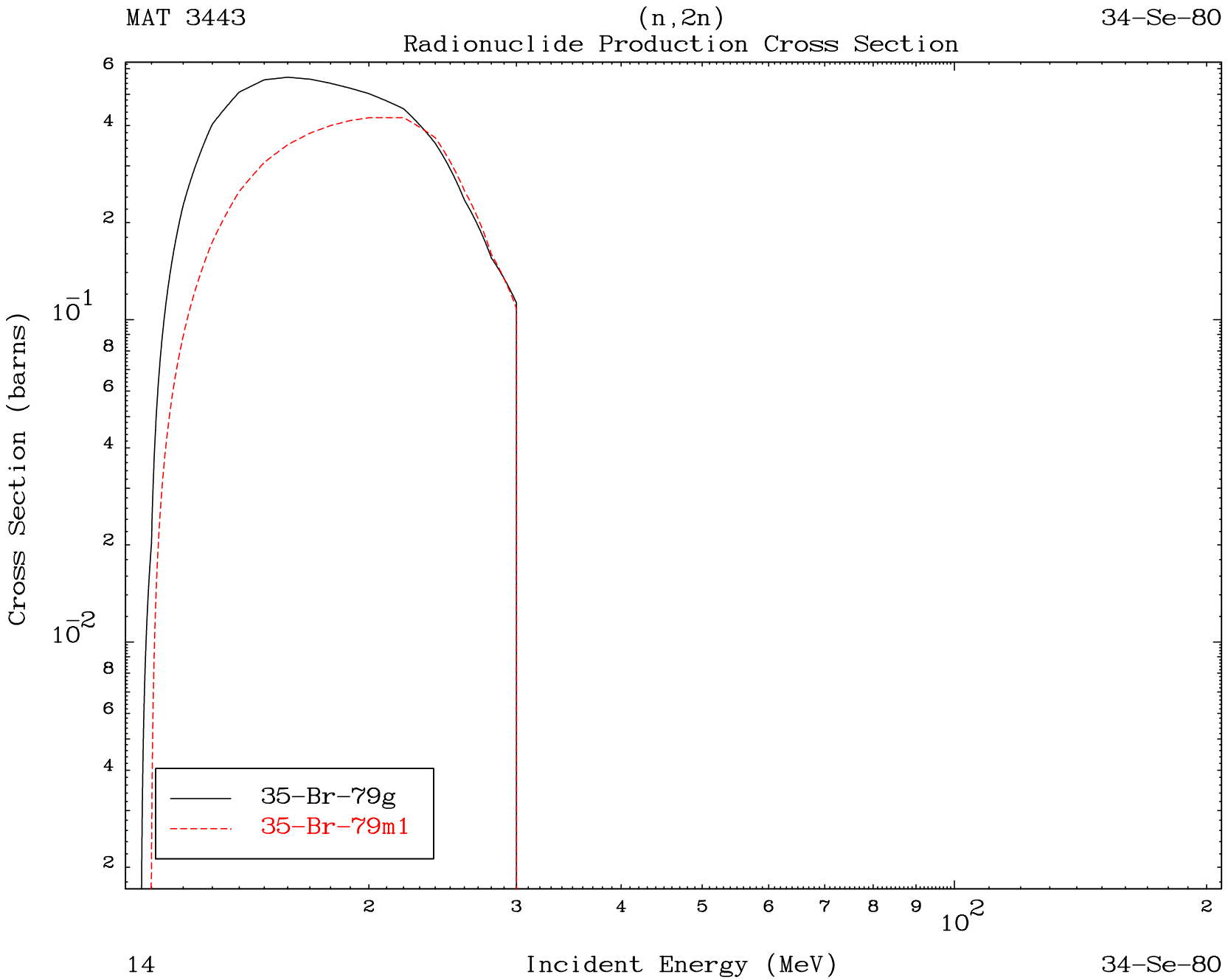

MAT 3443
(p,t) Levels
34-Se-80
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
34-Se-80

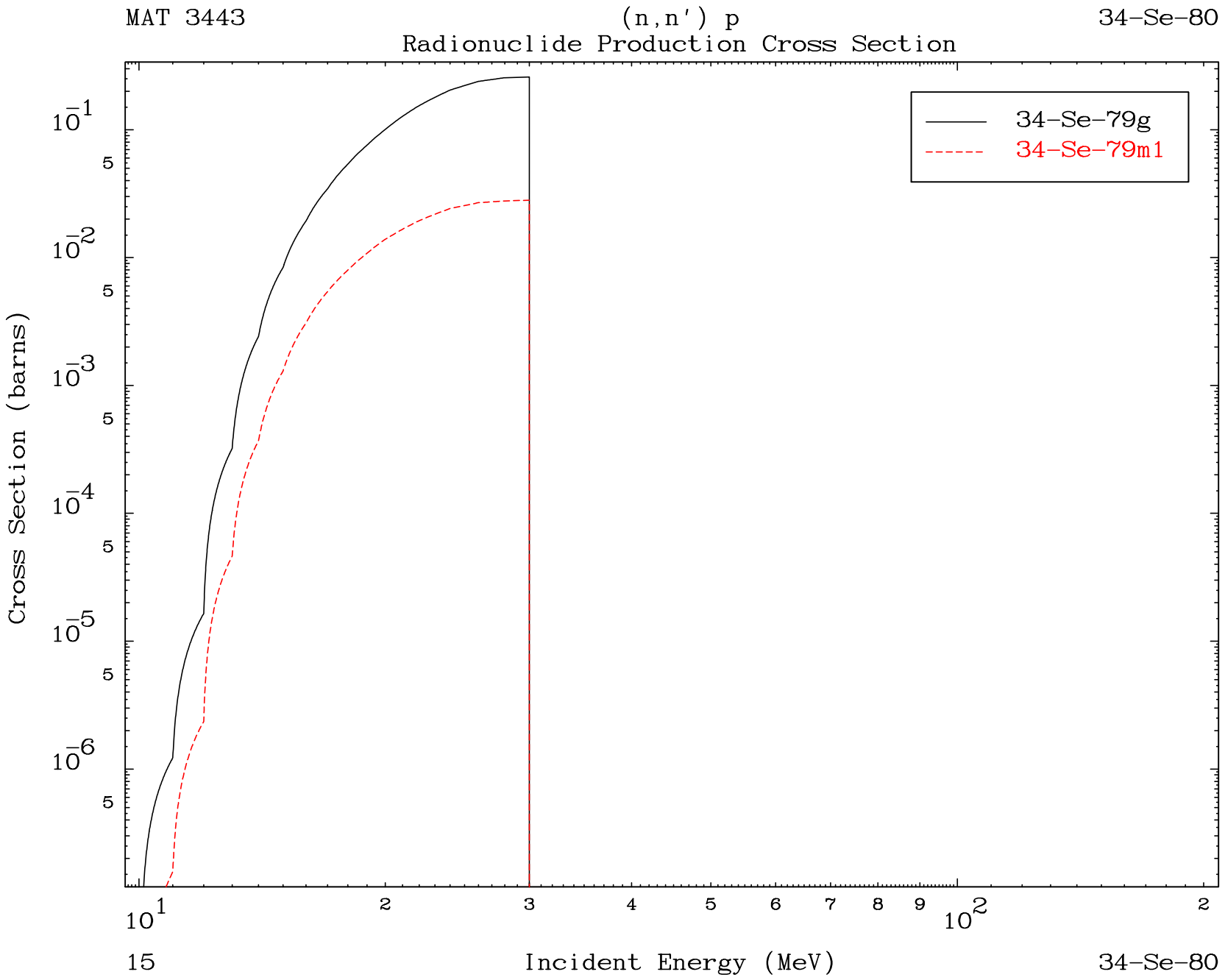

MAT 3443
(p,He3) Levels
34-Se-80
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
34-Se-80

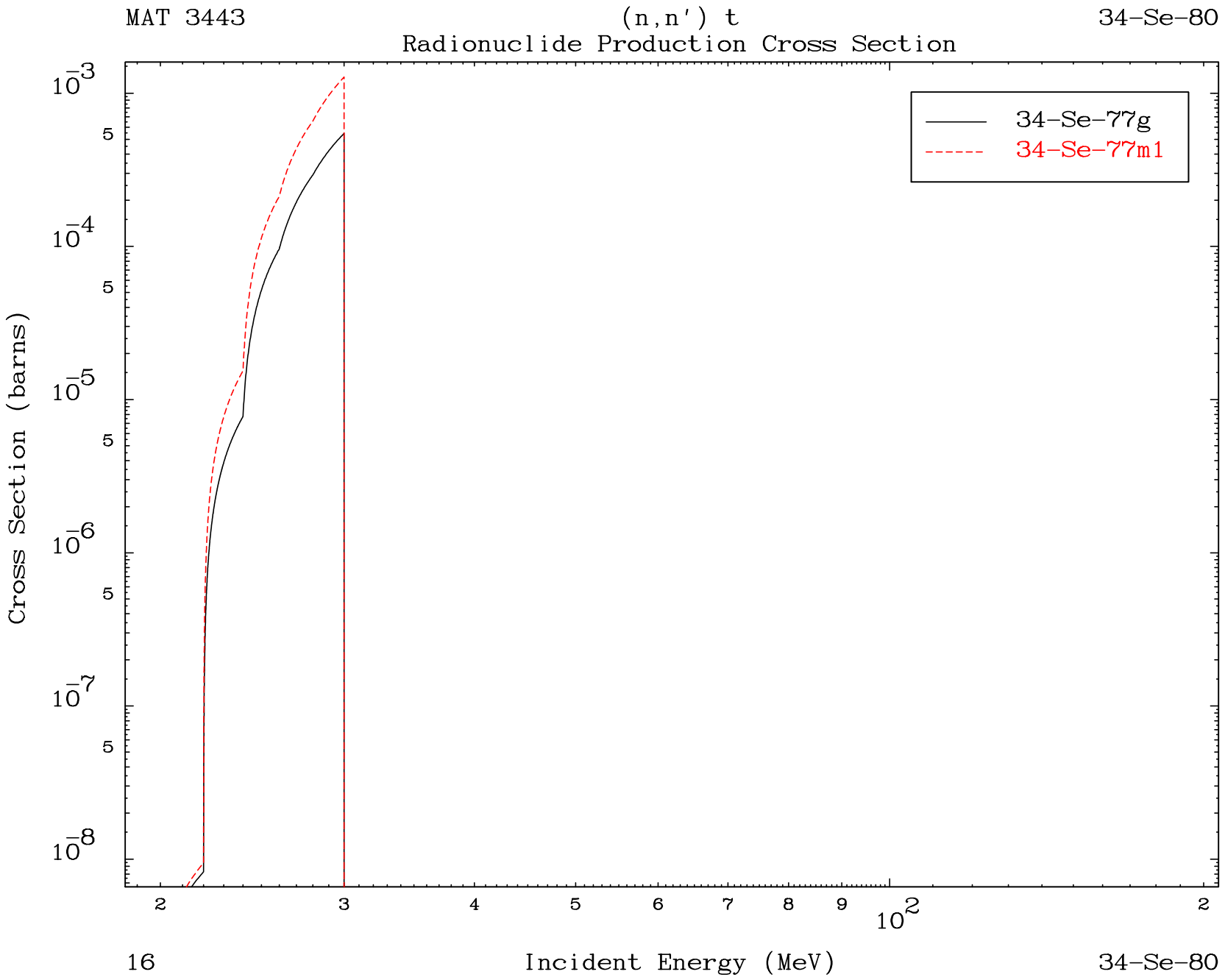

MAT 3443
(p,α) Levels
34-Se-80
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
34-Se-80

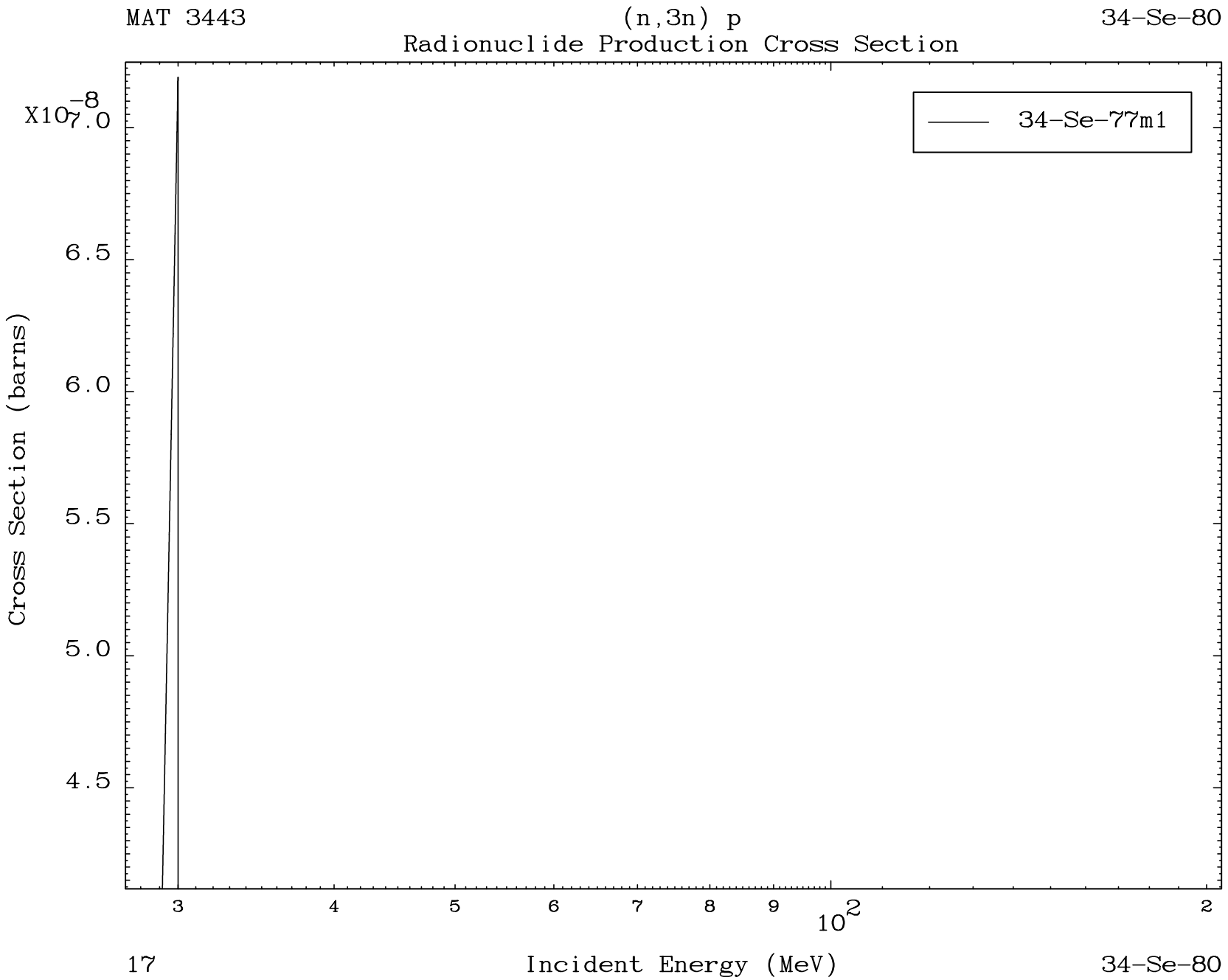

MAT 3443
Inelastic
34-Se-80
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
12
34-Se-80

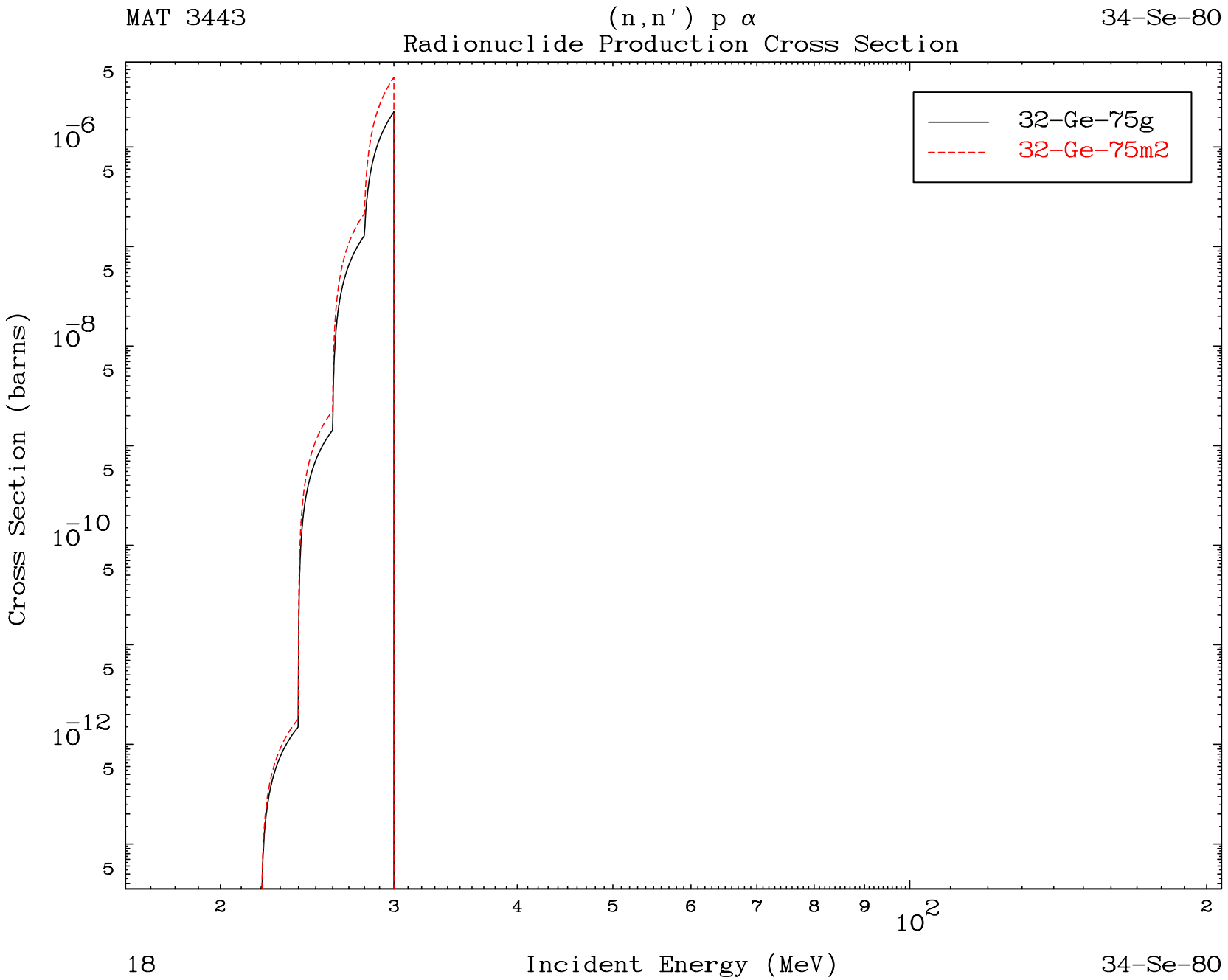

MAT 3443
(n,2n) d
34-Se-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
13
34-Se-80

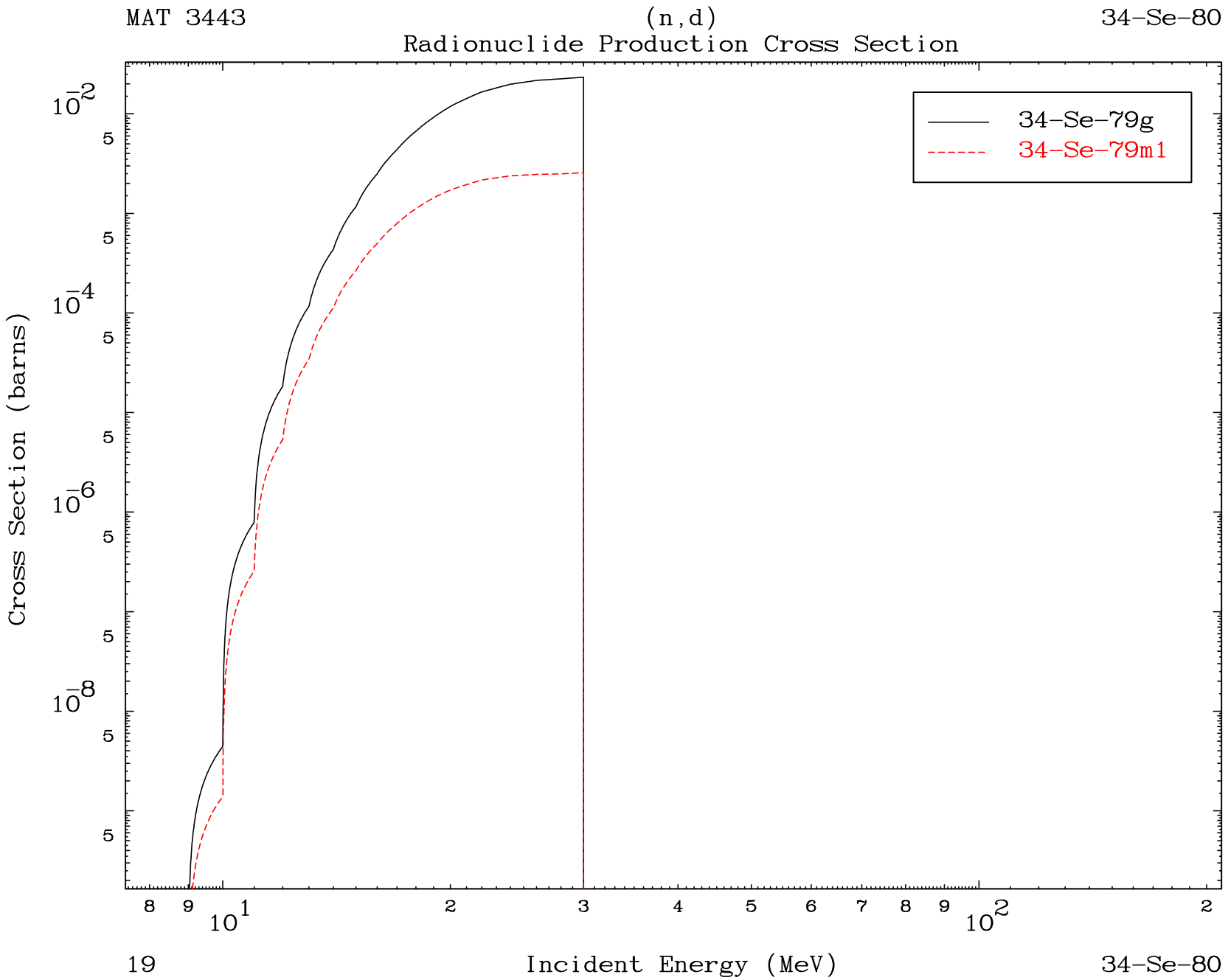

MAT 3443
(n,2n)
34-Se-80
Radionuclide Production Cross Section
Cross Section (barns)
10^{-1}
10^{-2}
6
4
2
8
6
4
2
8
6
4
2
35-Br-79g
35-Br-79m1
2
3
4
5
6
7
8
9
10^{2}
2
14
Incident Energy (MeV)
34-Se-80

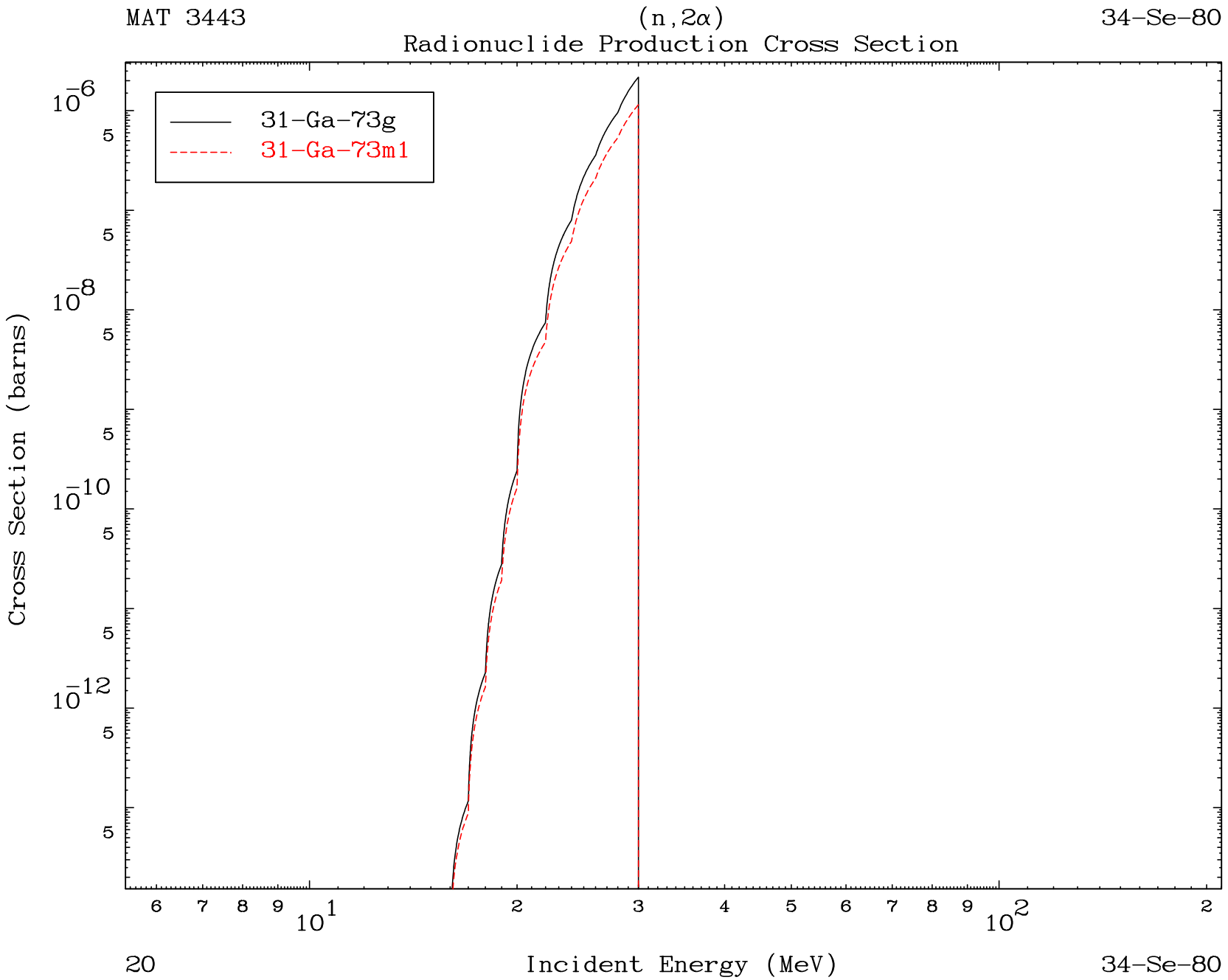

MAT 3443
(n,n') p
34-Se-80
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
15
34-Se-80

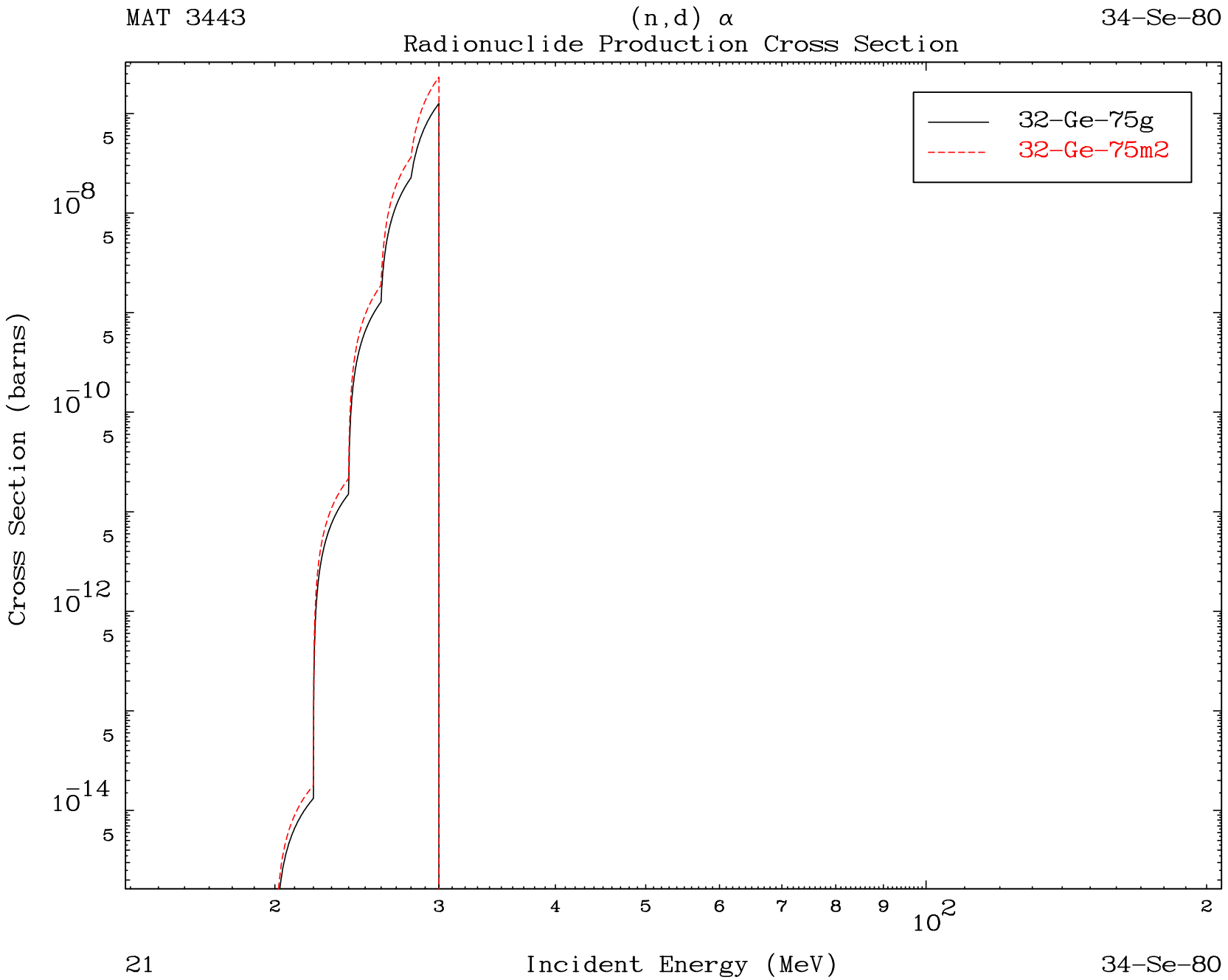

MAT 3443
(n,n') t
34-Se-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
16
34-Se-80


MAT 3443
(n,3n) p
34-Se-80
Radionuclide Production Cross Section
X10-8
7.0
6.5
6.0
5.5
5.0
4.5
Cross Section (barns)
34-Se-77m1
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
34-Se-80


MAT 3443
(n,n') p α
34-Se-80
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
18
Incident Energy (MeV)
34-Se-80


MAT 3443
(n,d)
34-Se-80
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
19
34-Se-80


MAT 3443
(n,2α)
34-Se-80
Radionuclide Production Cross Section
31-Ga-73g
31-Ga-73m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
20
Incident Energy (MeV)
34-Se-80


MAT 3443
(n,d) α
34-Se-80
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
34-Se-80