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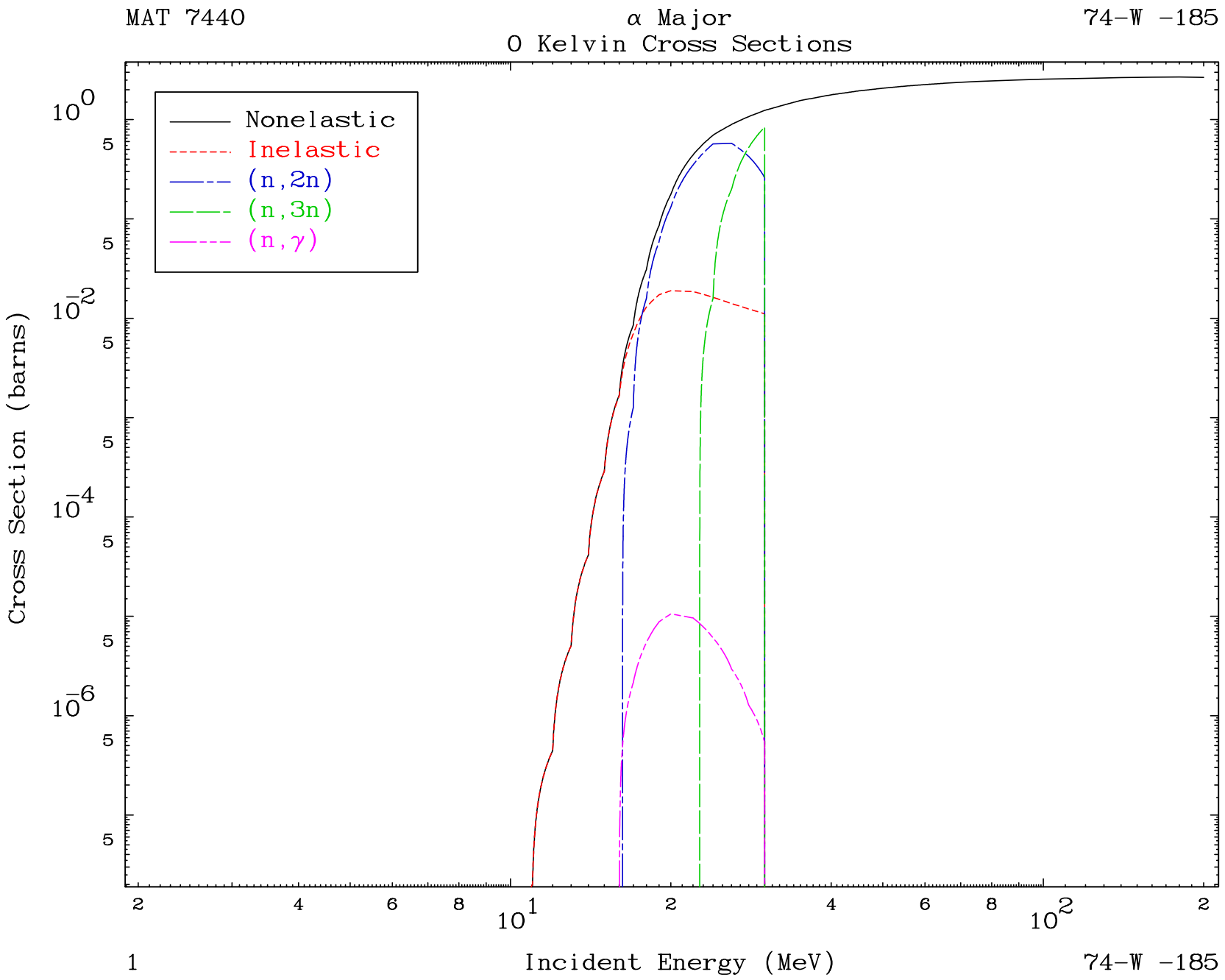
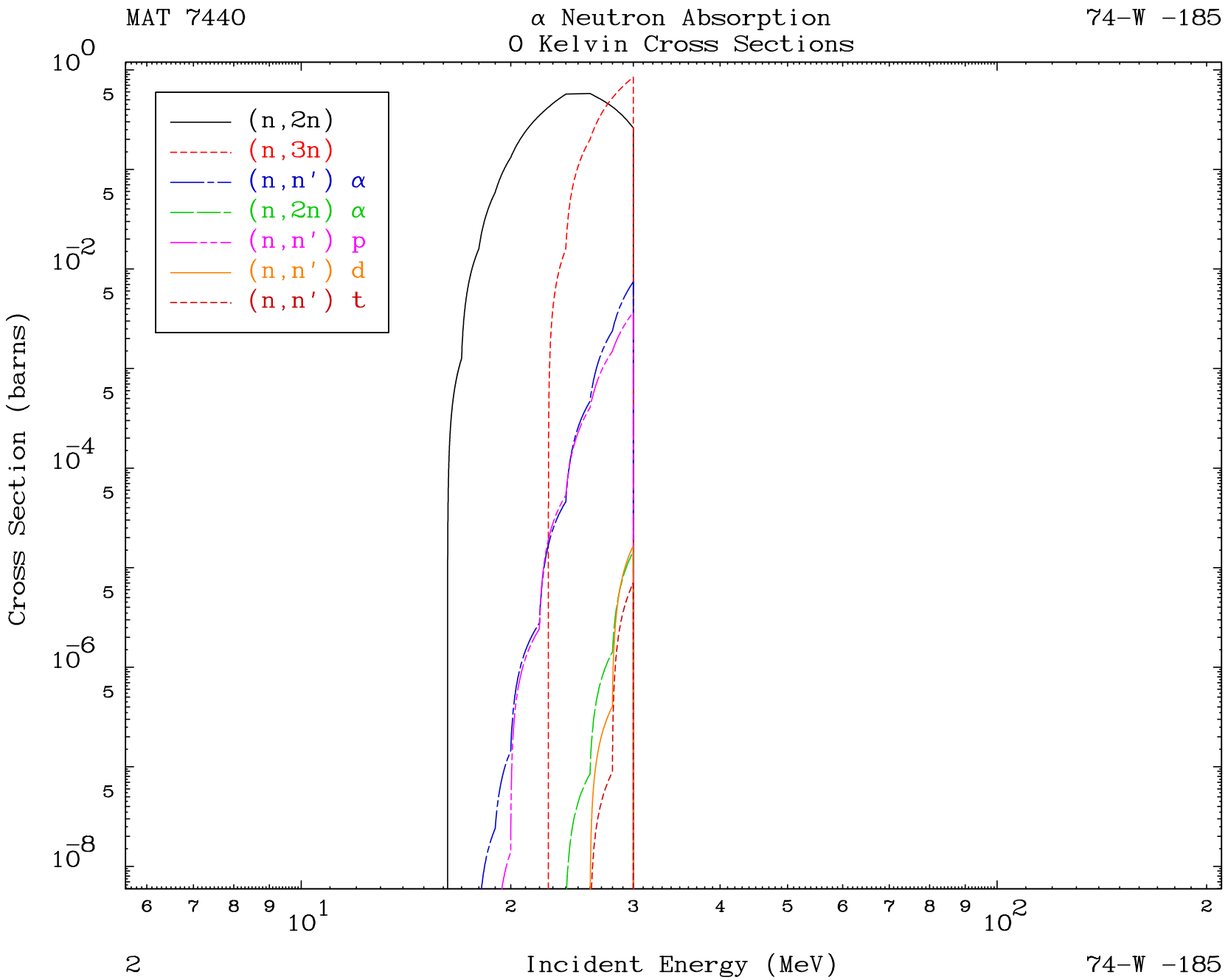
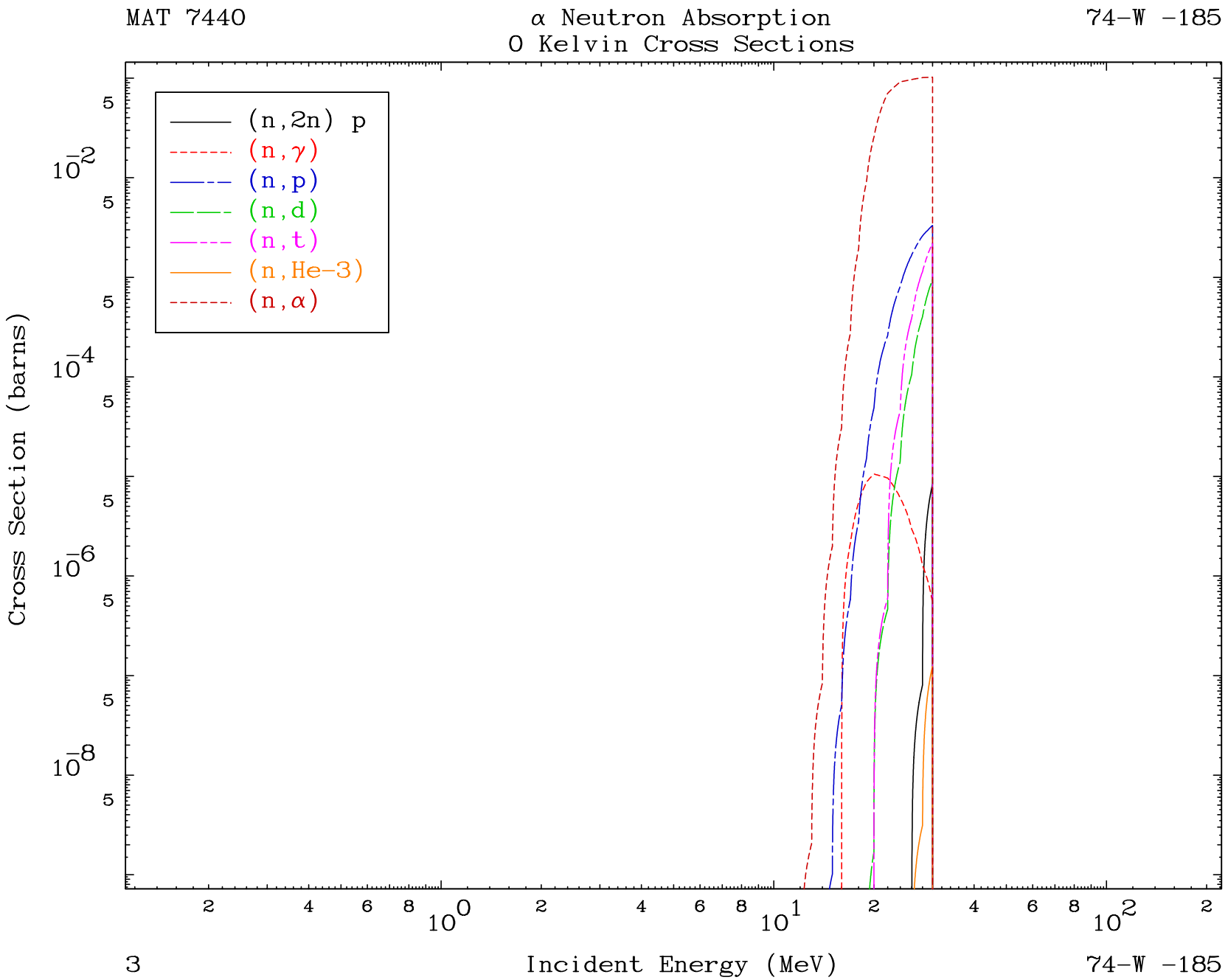
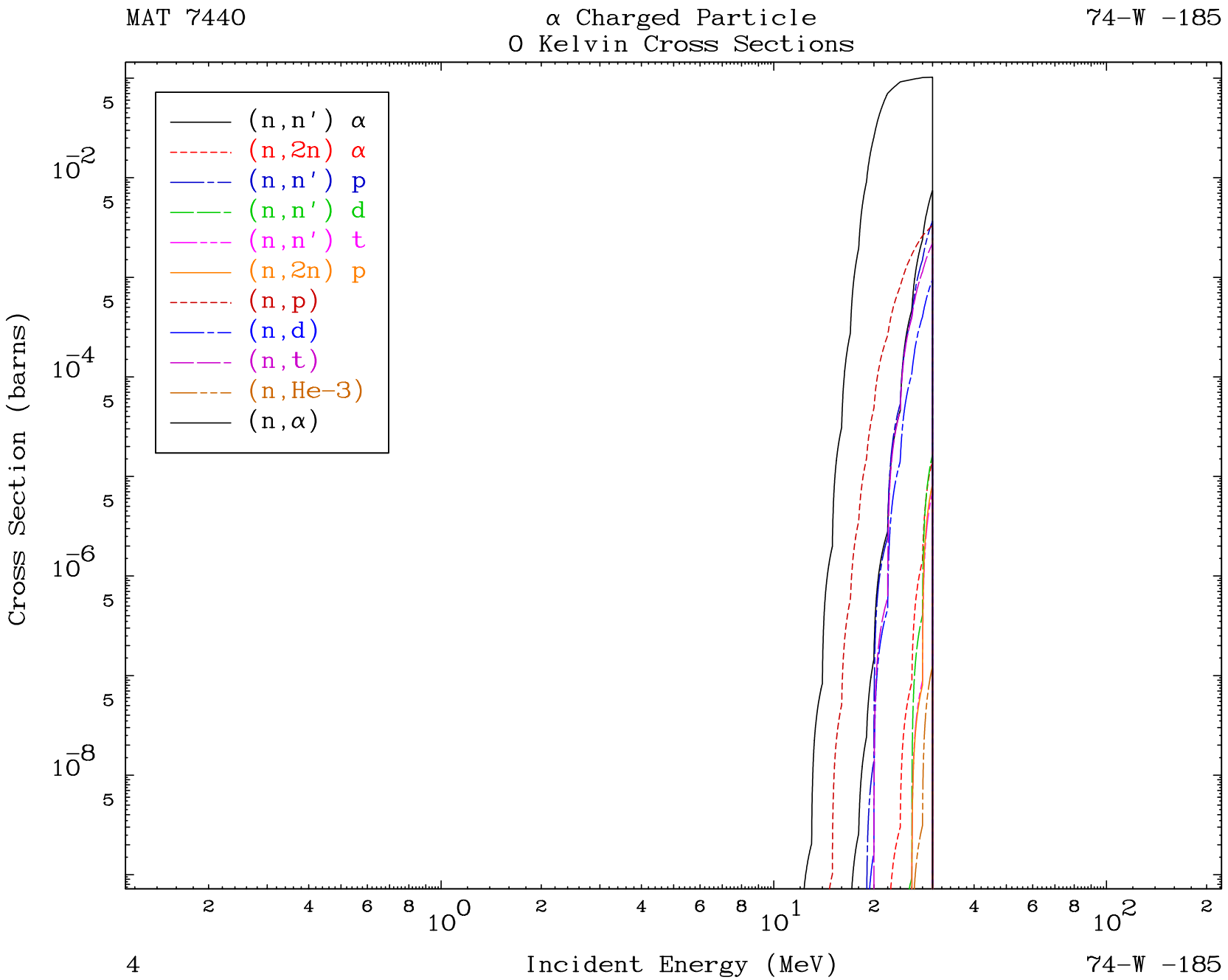
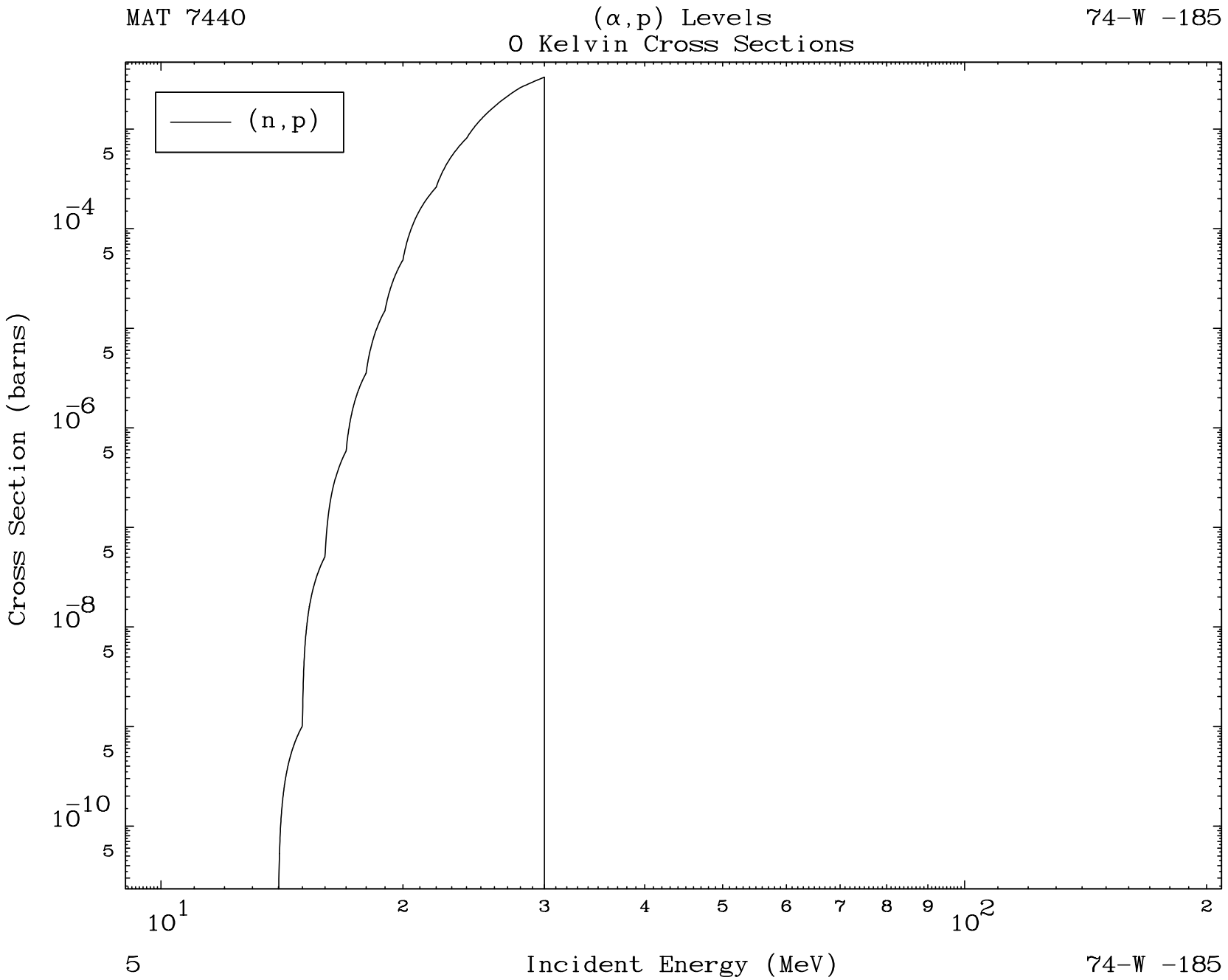
Press Mouse Button to Start


MAT 7440
α Major
74-W -185
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
2
4
6
8
10^1
10^2
1
Incident Energy (MeV)
74-W -185

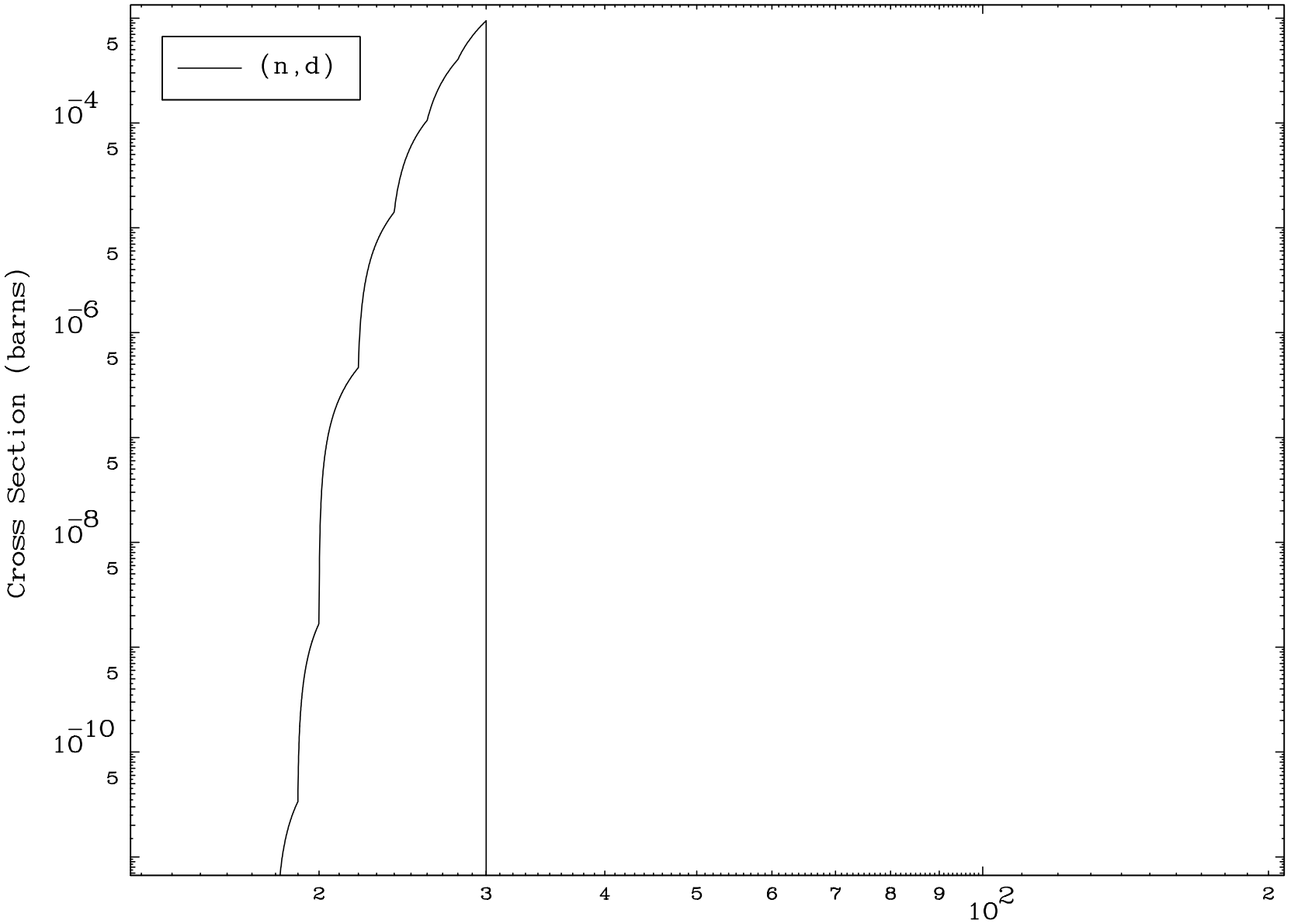

MAT 7440
α Neutron Absorption
0 Kelvin Cross Sections
74-W -185
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
74-W -185


MAT 7440
α Neutron Absorption
0 Kelvin Cross Sections
74-W -185
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
74-W -185

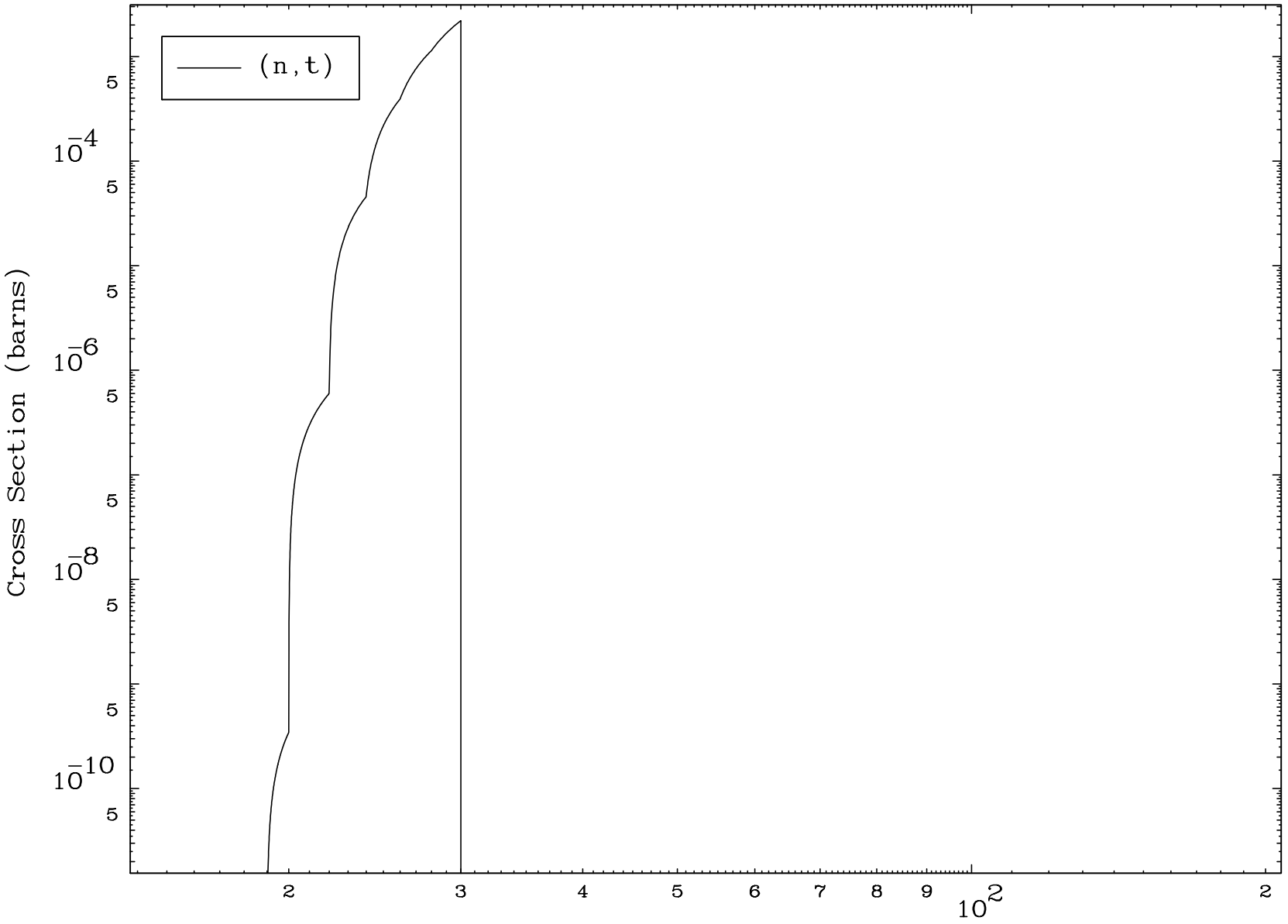

MAT 7440
α Charged Particle
0 Kelvin Cross Sections
74-W -185
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
74-W -185


MAT 7440
(α,p) Levels
74-W -185
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
74-W -185

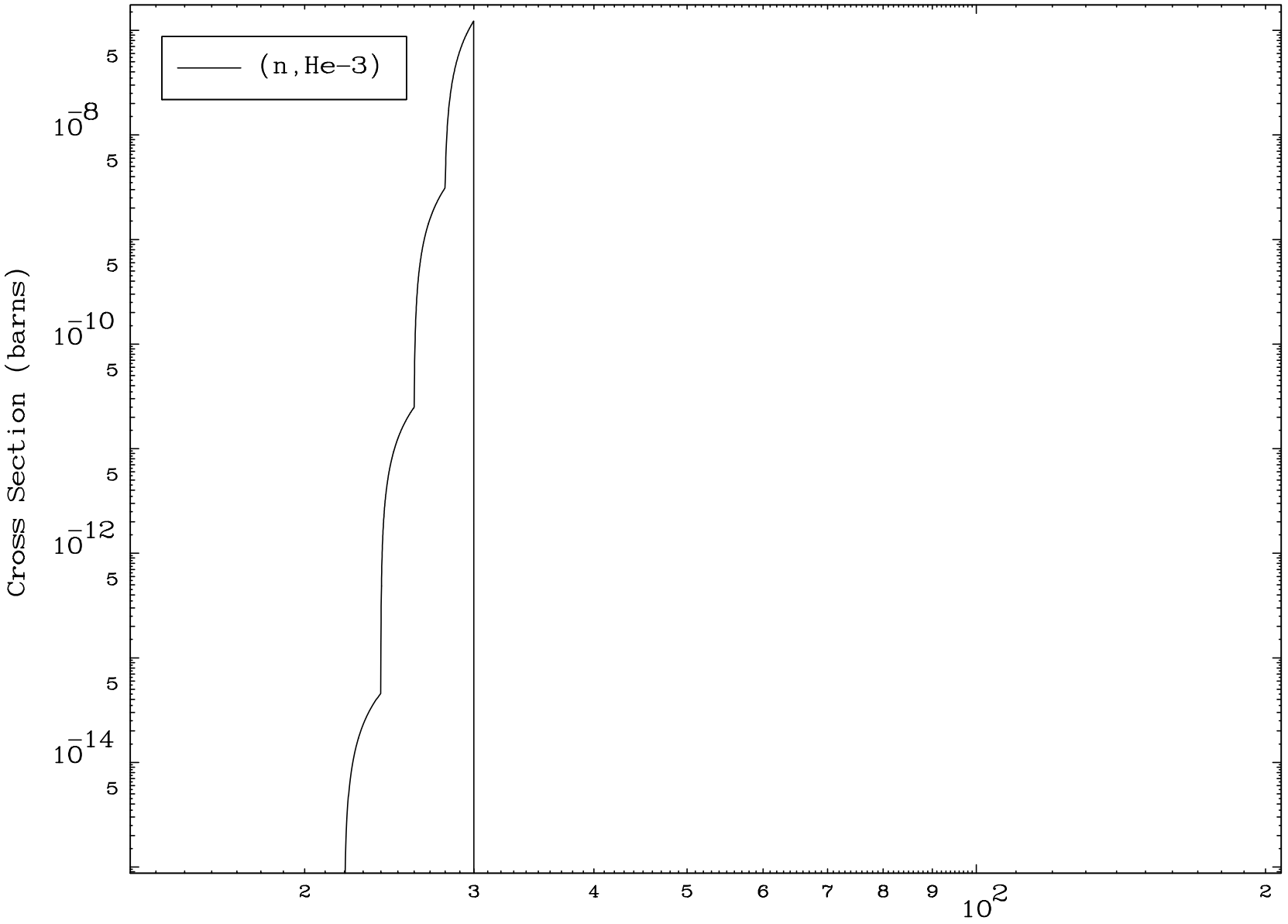
0 Kelvin Cross Sections



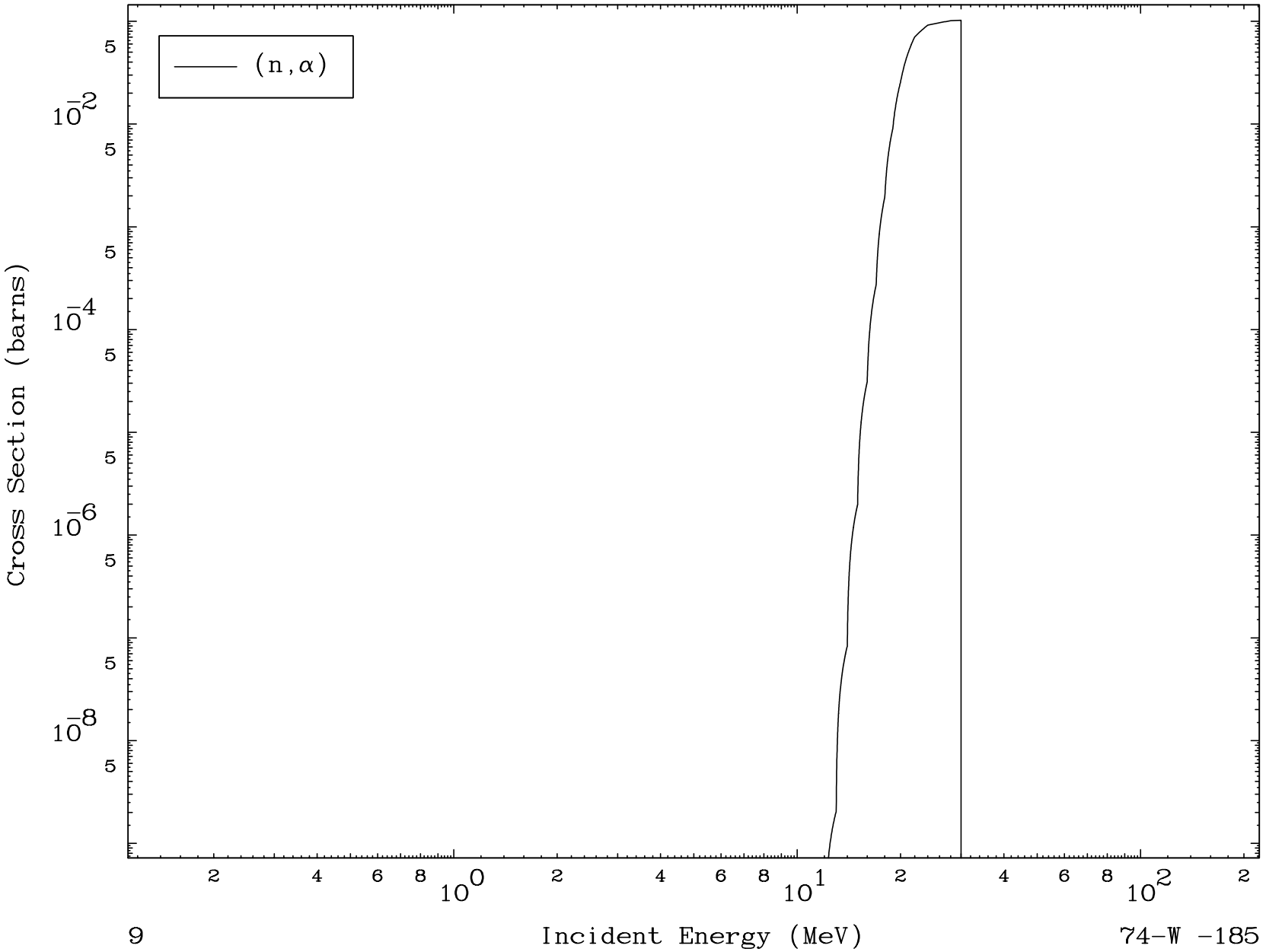
0 Kelvin Cross Sections

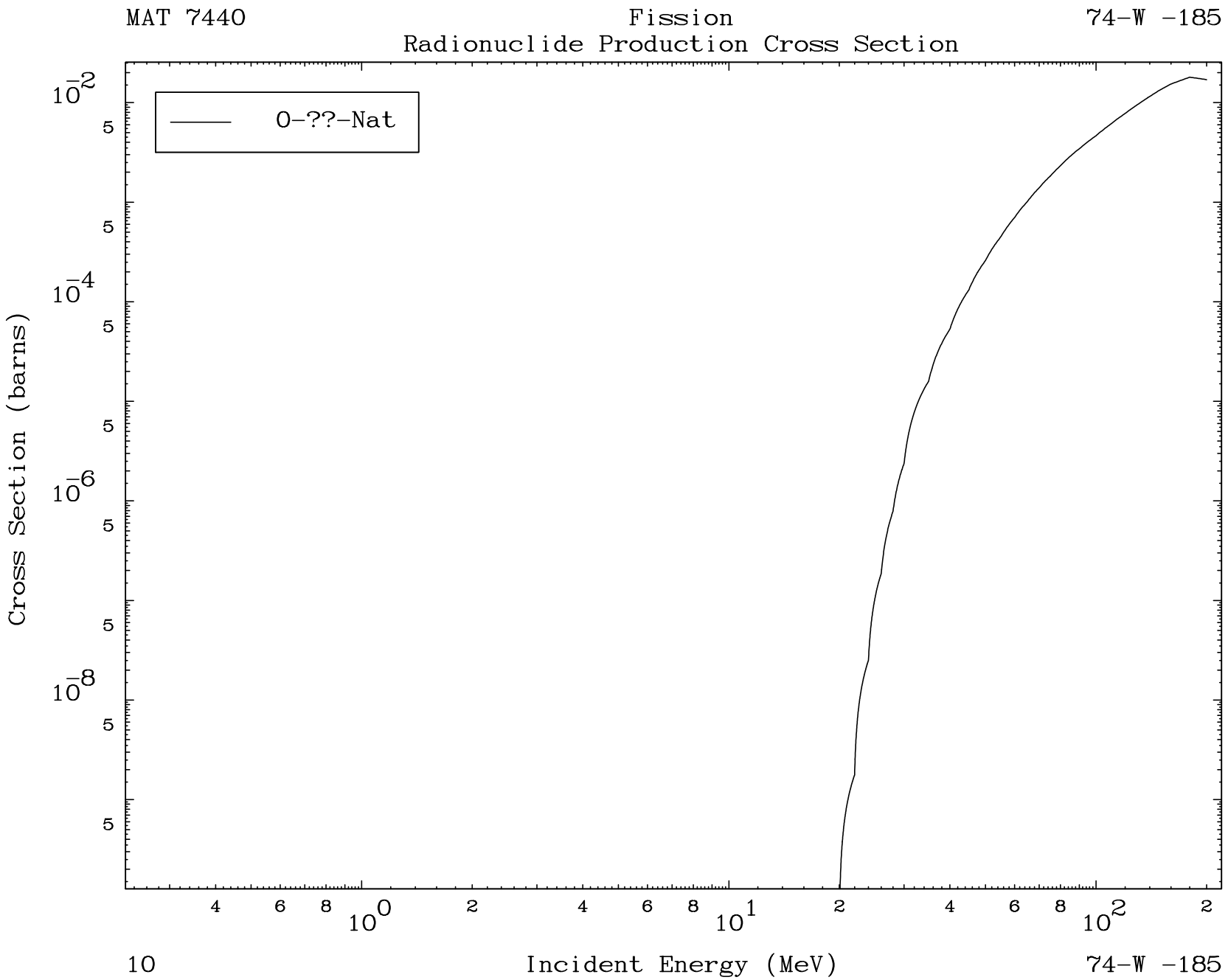


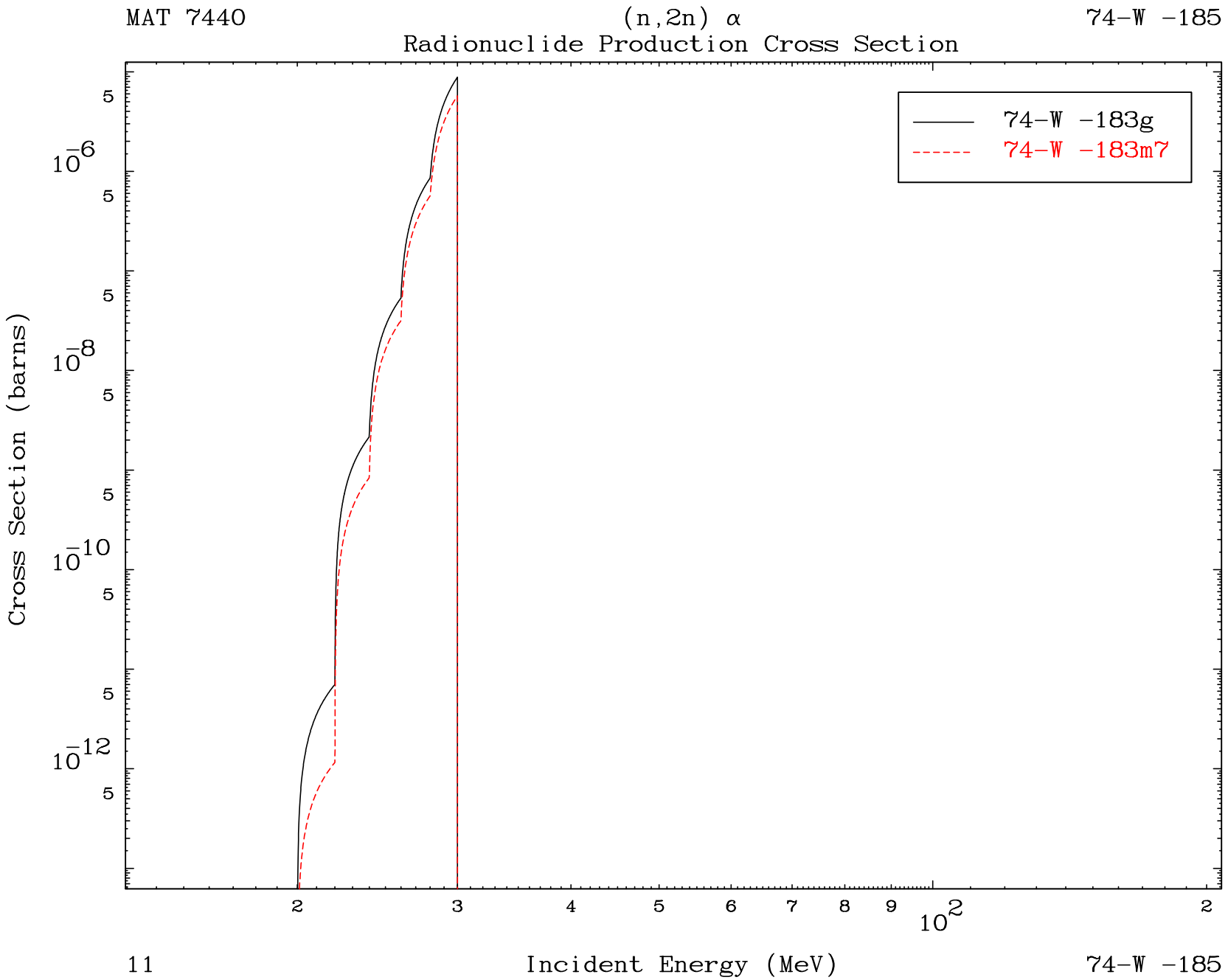
0 Kelvin Cross Sections

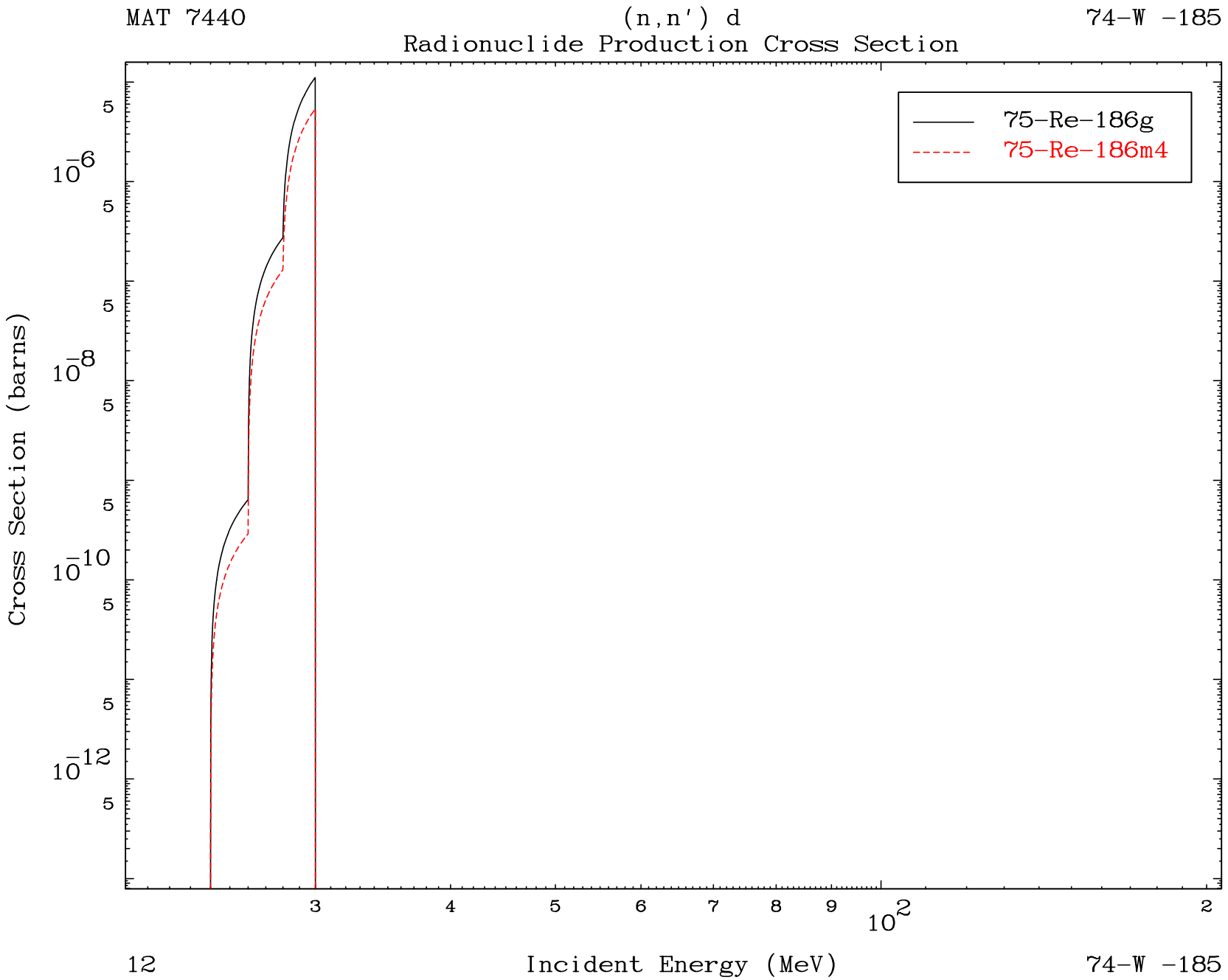


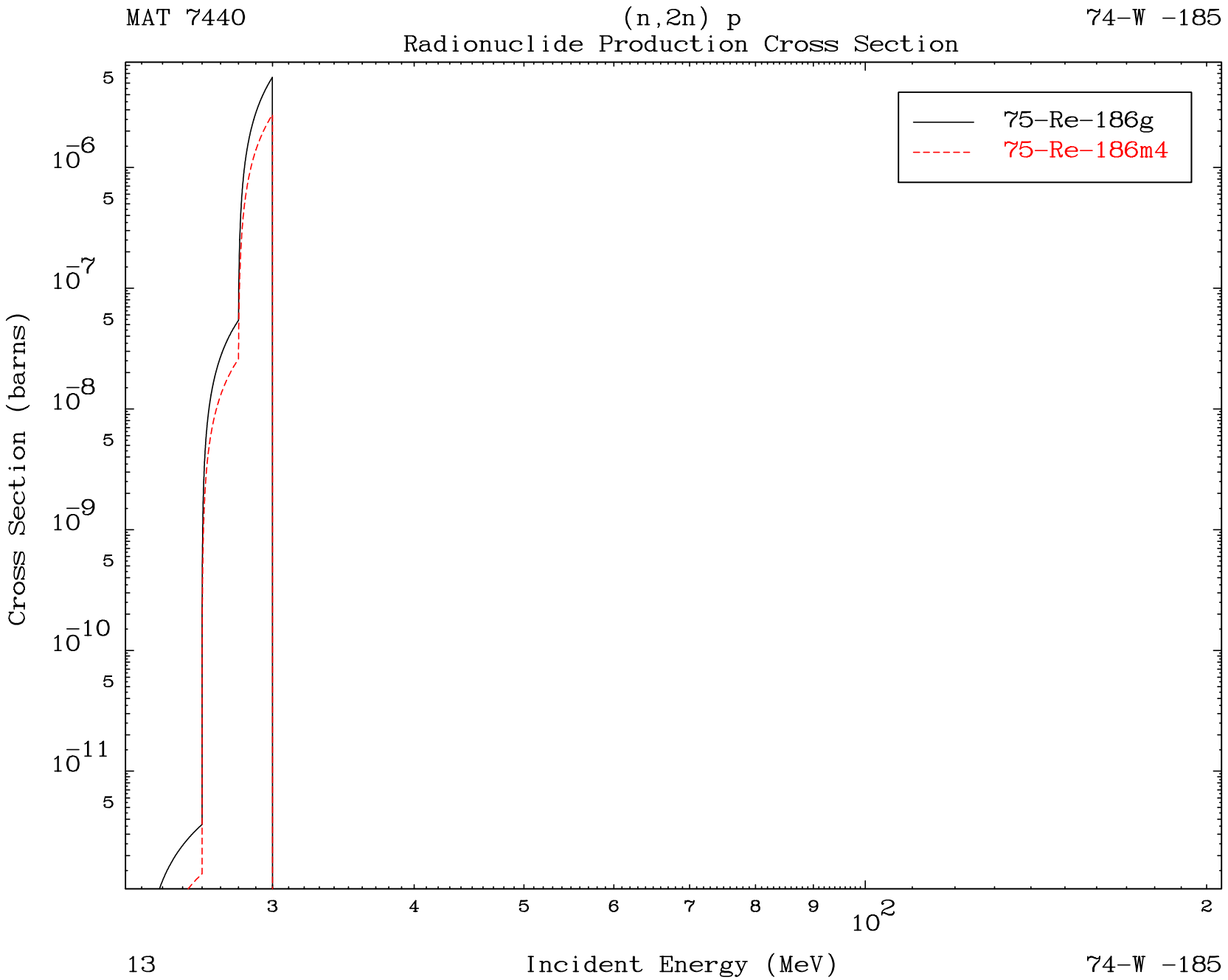
0 Kelvin Cross Sections

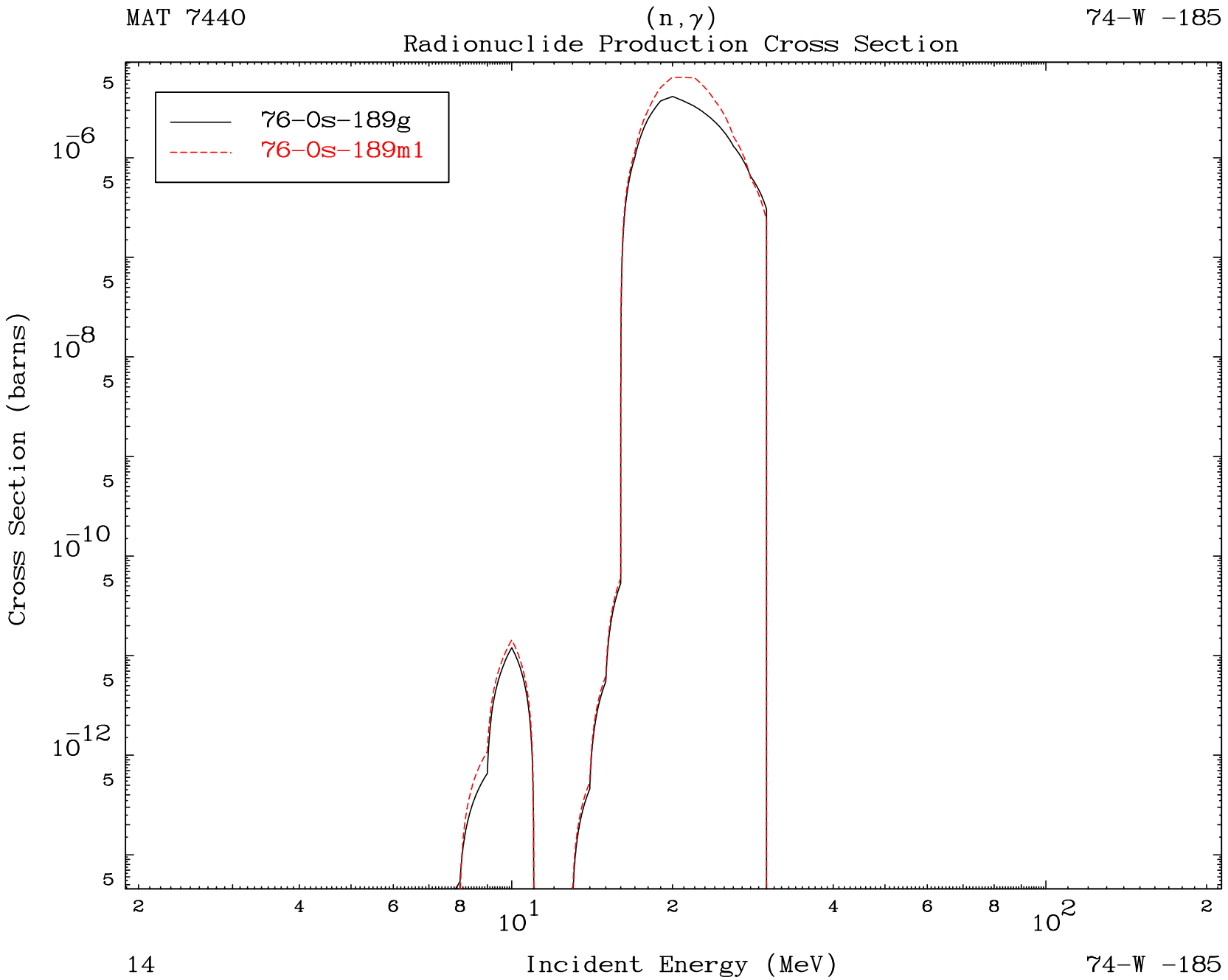


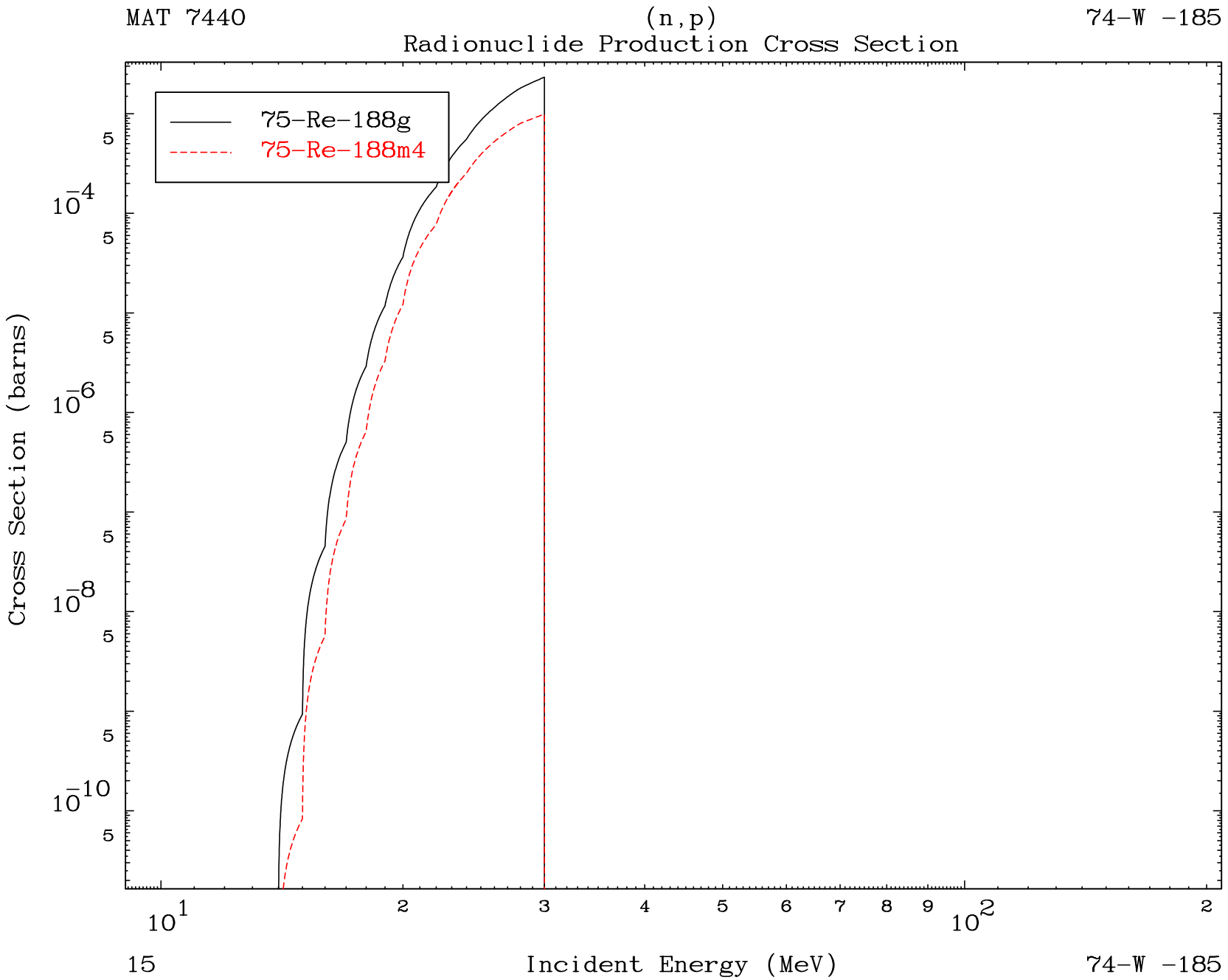

MAT 7440
Fission
74-W -185
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
74-W -185

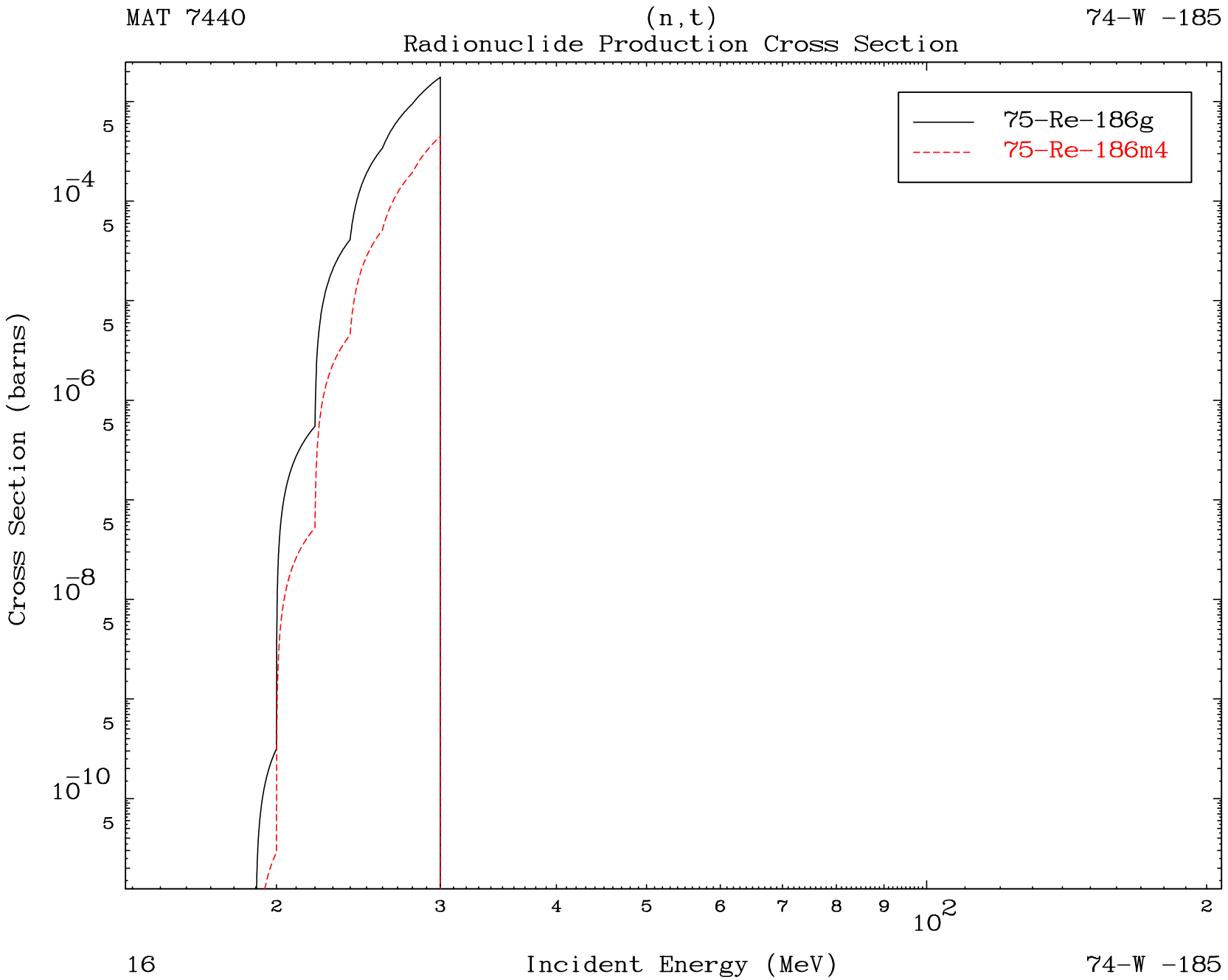

MAT 7440
(n,2n) α
74-W -185
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
74-W -185

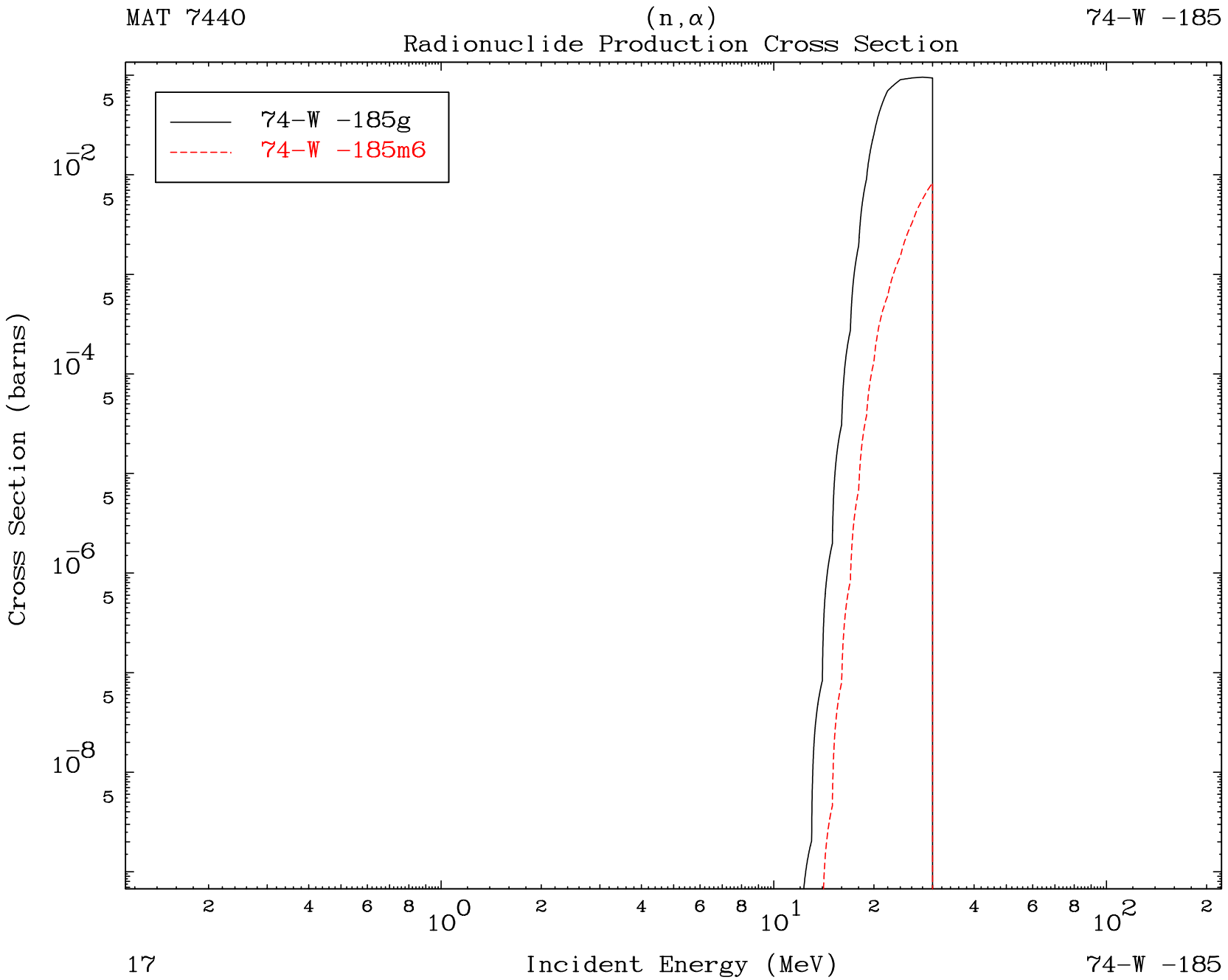

MAT 7440
(n,n') d
74-W -185
Radionuclide Production Cross Section
75-Re-186g
75-Re-186m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
74-W -185


MAT 7440
(n,2n) p
74-W -185
Radionuclide Production Cross Section
75-Re-186g
75-Re-186m4
Cross Section (barns)
Incident Energy (MeV)
13
74-W -185


MAT 7440
(n,γ)
74-W -185
Radionuclide Production Cross Section
76-0s-189g
76-0s-189m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
4
6
8
10^1
10^2
14
Incident Energy (MeV)
74-W -185


MAT 7440
(n,p)
74-W -185
Radionuclide Production Cross Section
75-Re-188g
75-Re-188m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
74-W -185


MAT 7440
(n,t)
74-W -185
Radionuclide Production Cross Section
75-Re-186g
75-Re-186m4
Cross Section (barns)
Incident Energy (MeV)
16
74-W -185


MAT 7440
(n,α)
74-W -185
Radionuclide Production Cross Section
74-W -185g
74-W -185m6
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
17
74-W -185