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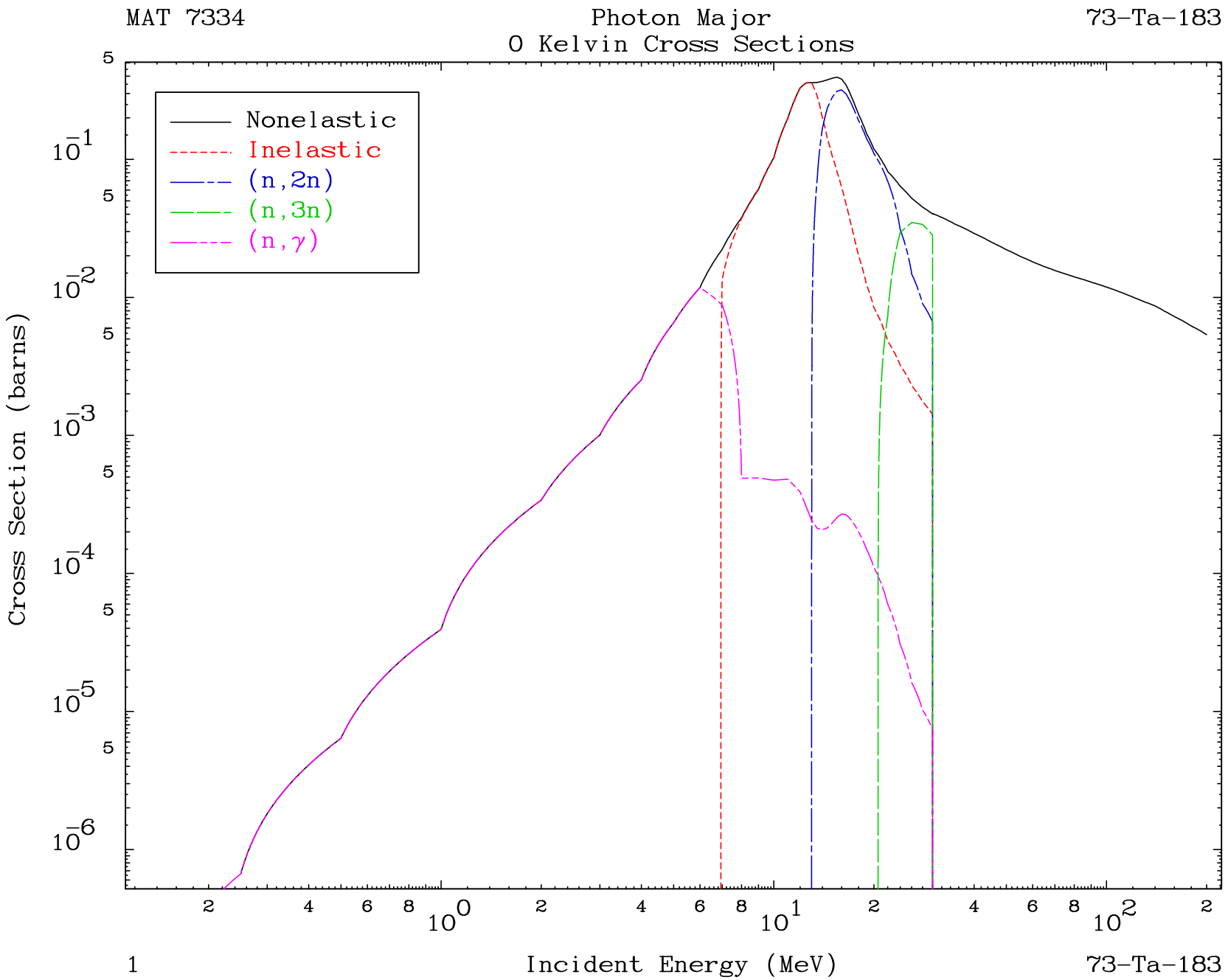
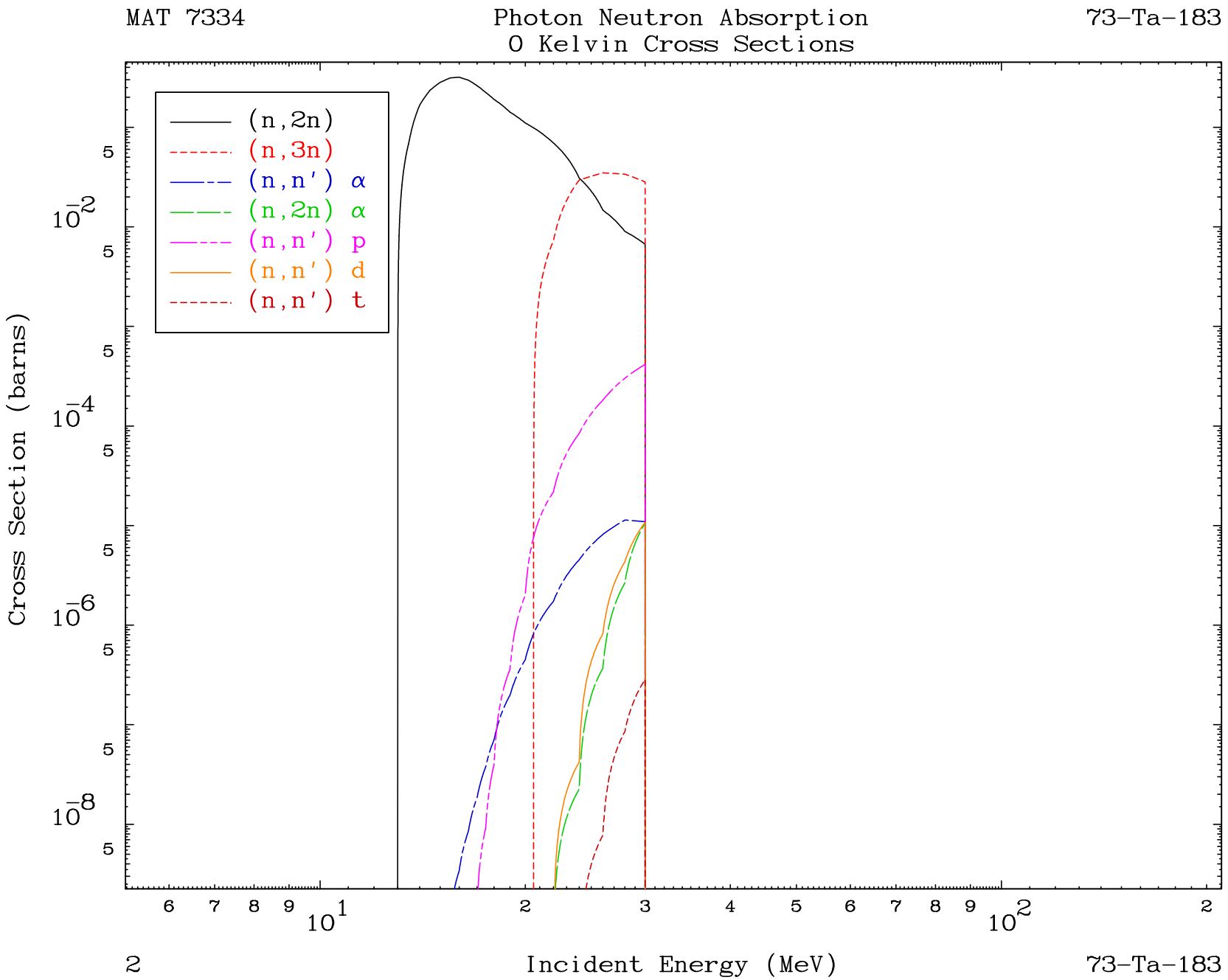
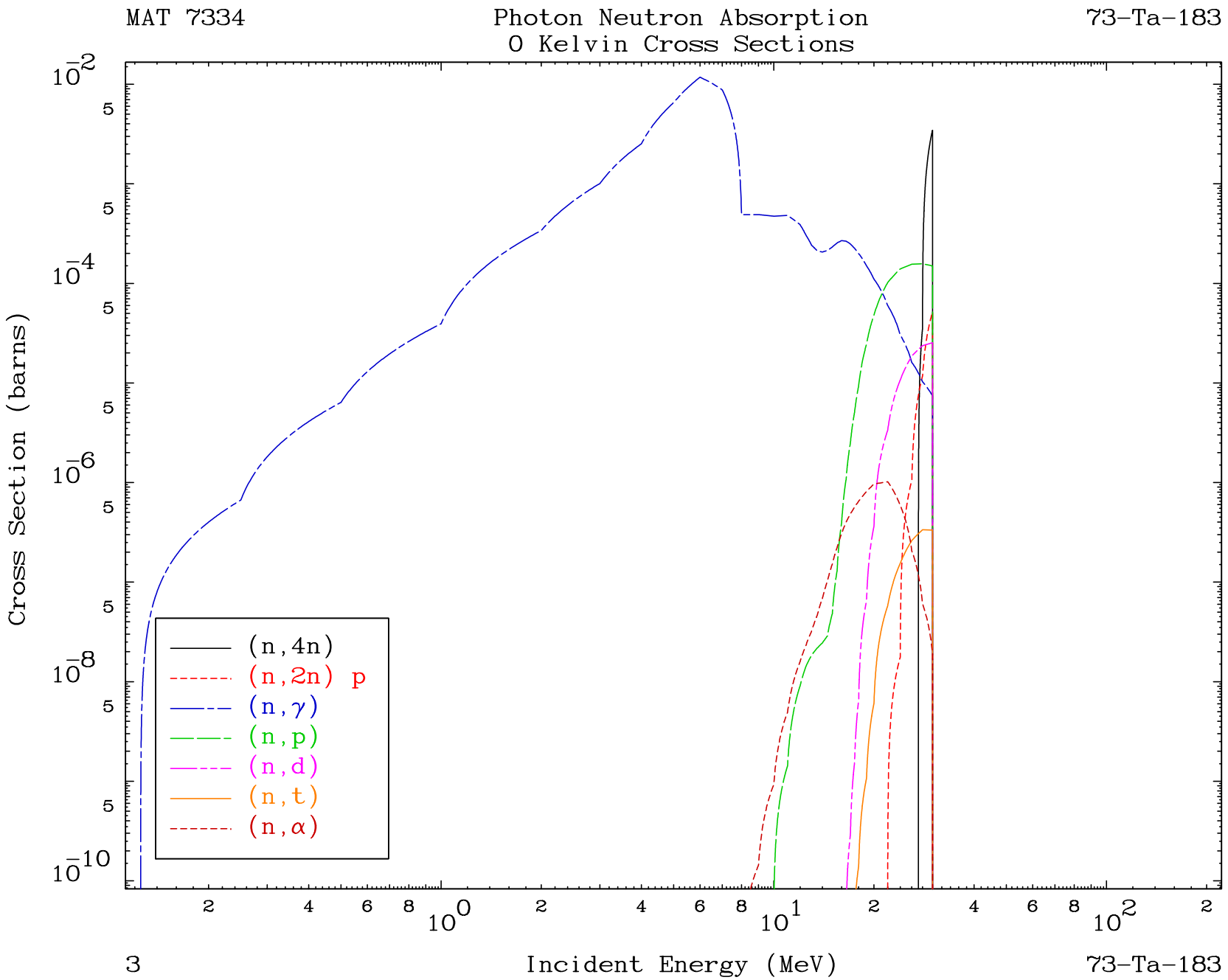
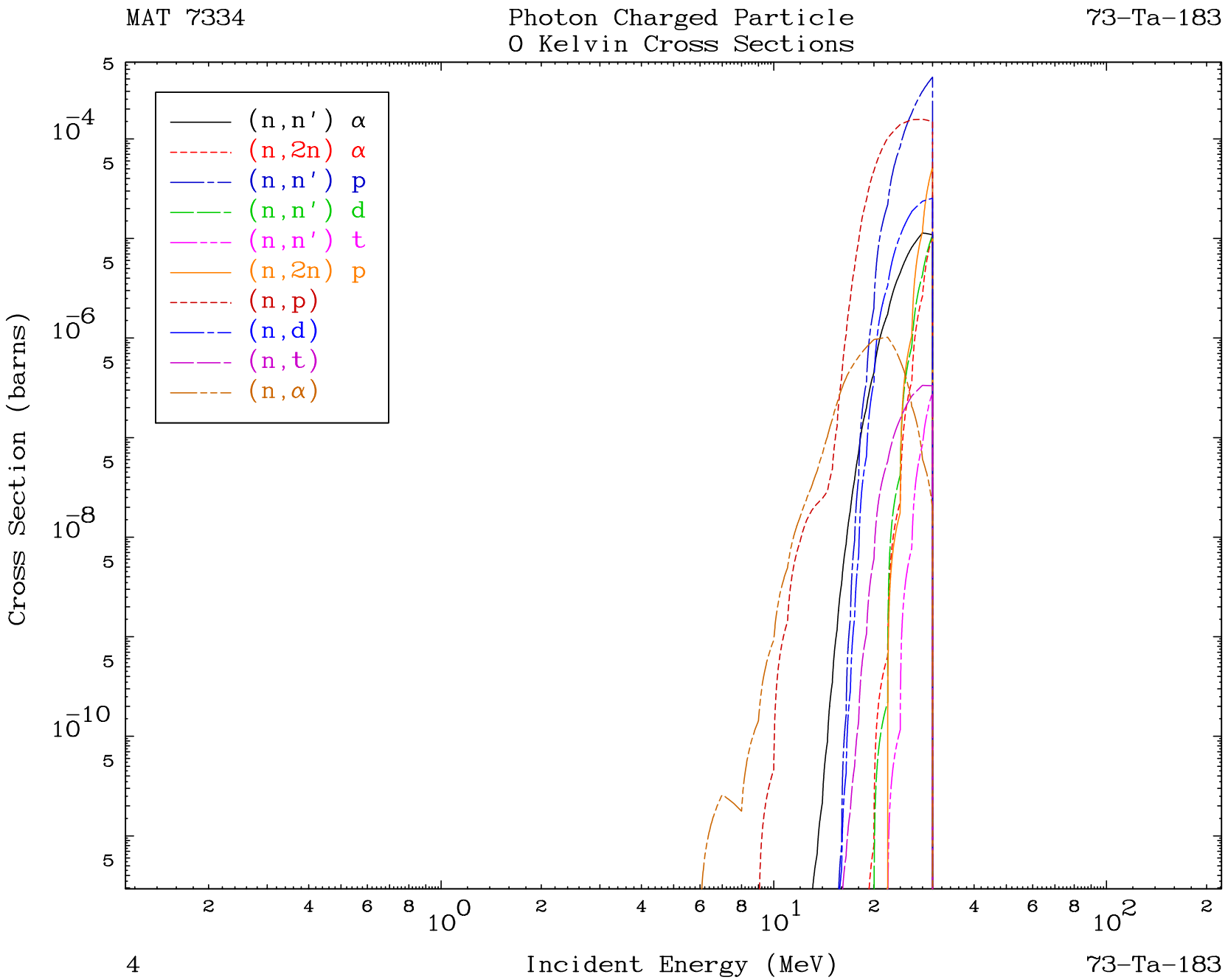
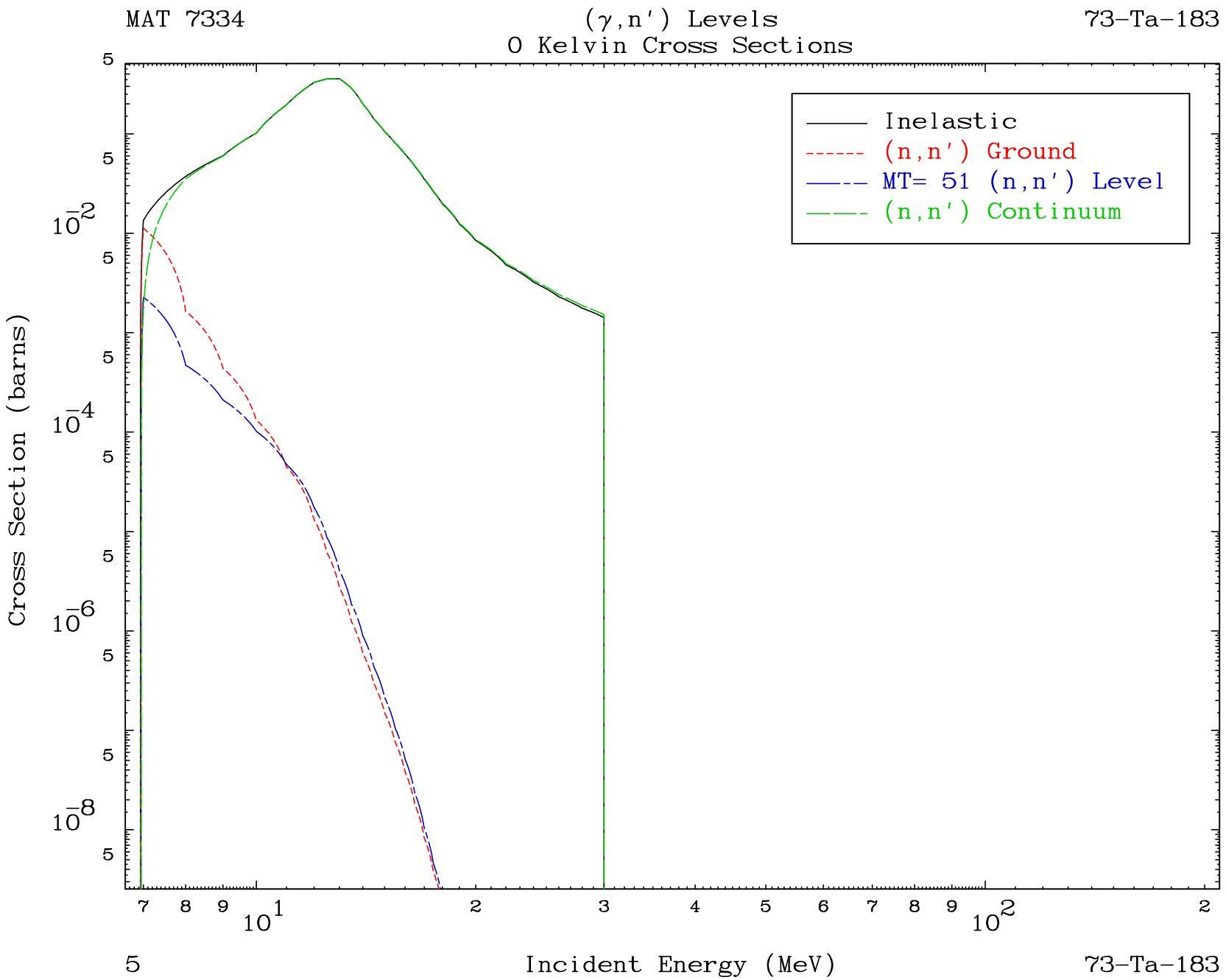
Press Mouse Button to Start

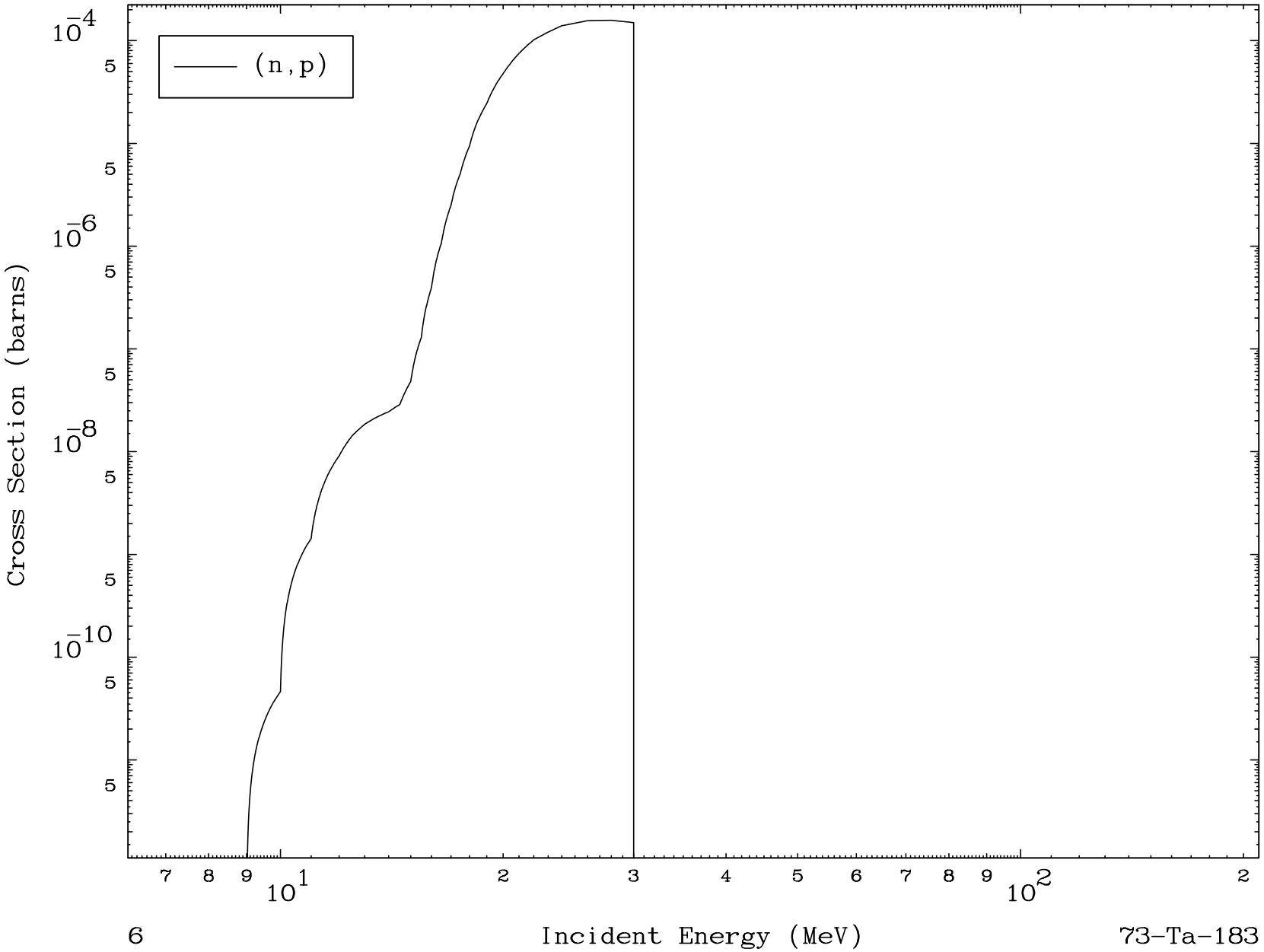

MAT 7334
Photon Major
73-Ta-183
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183
1

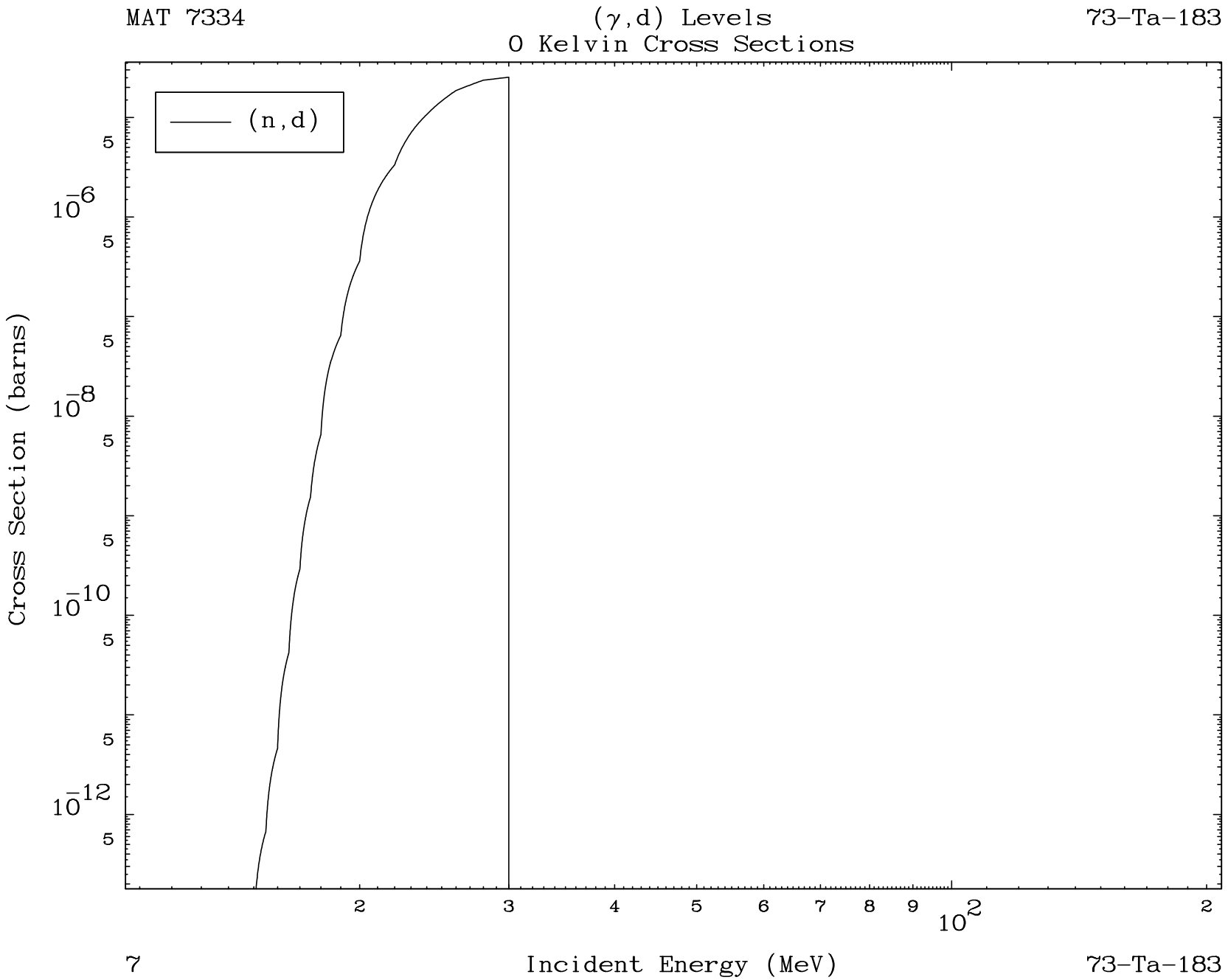

MAT 7334
Photon Neutron Absorption
0 Kelvin Cross Sections
73-Ta-183
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183
2

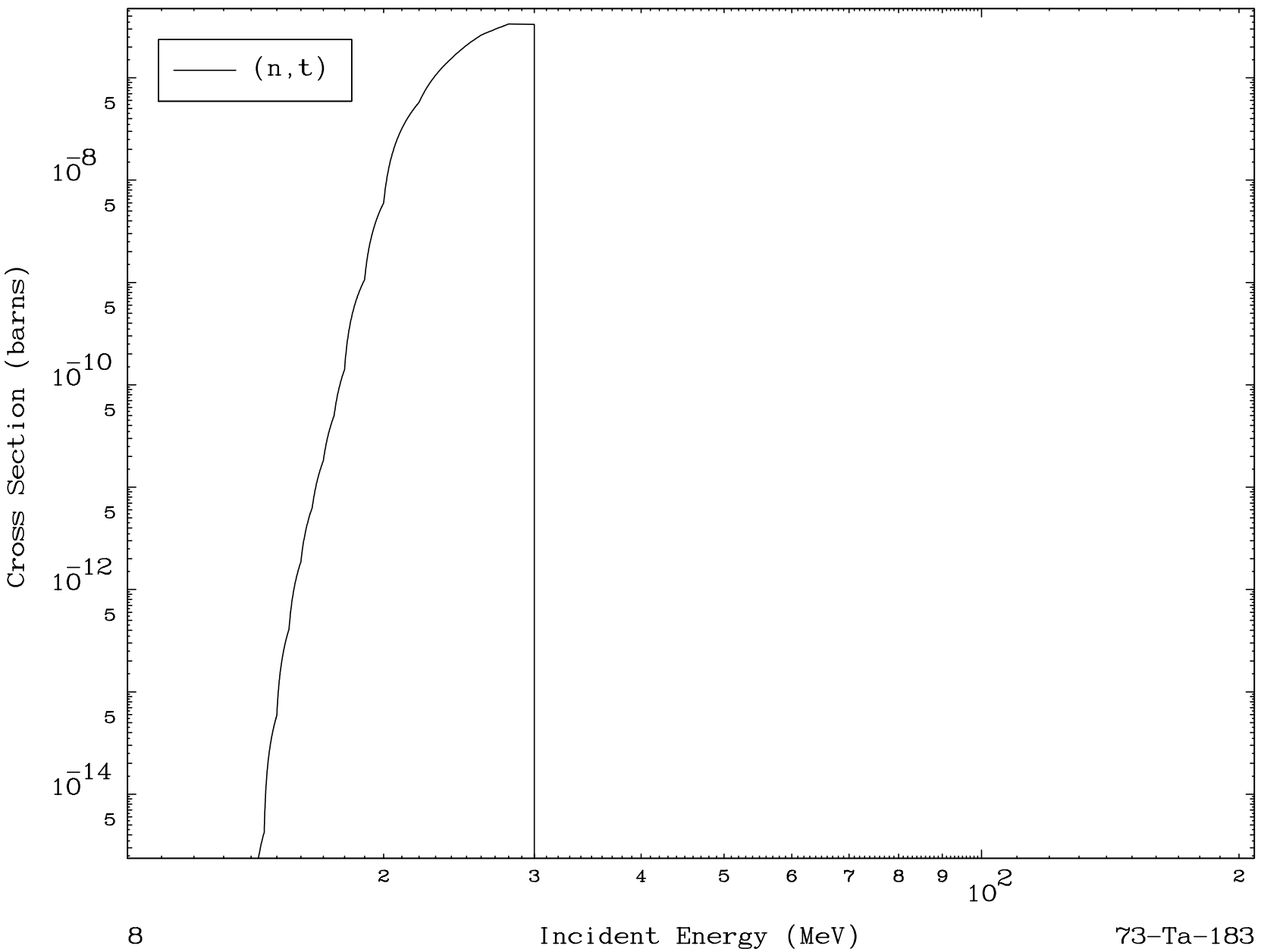

MAT 7334
Photon Neutron Absorption
0 Kelvin Cross Sections
73-Ta-183
Cross Section (barns)
Incident Energy (MeV)
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
3
73-Ta-183

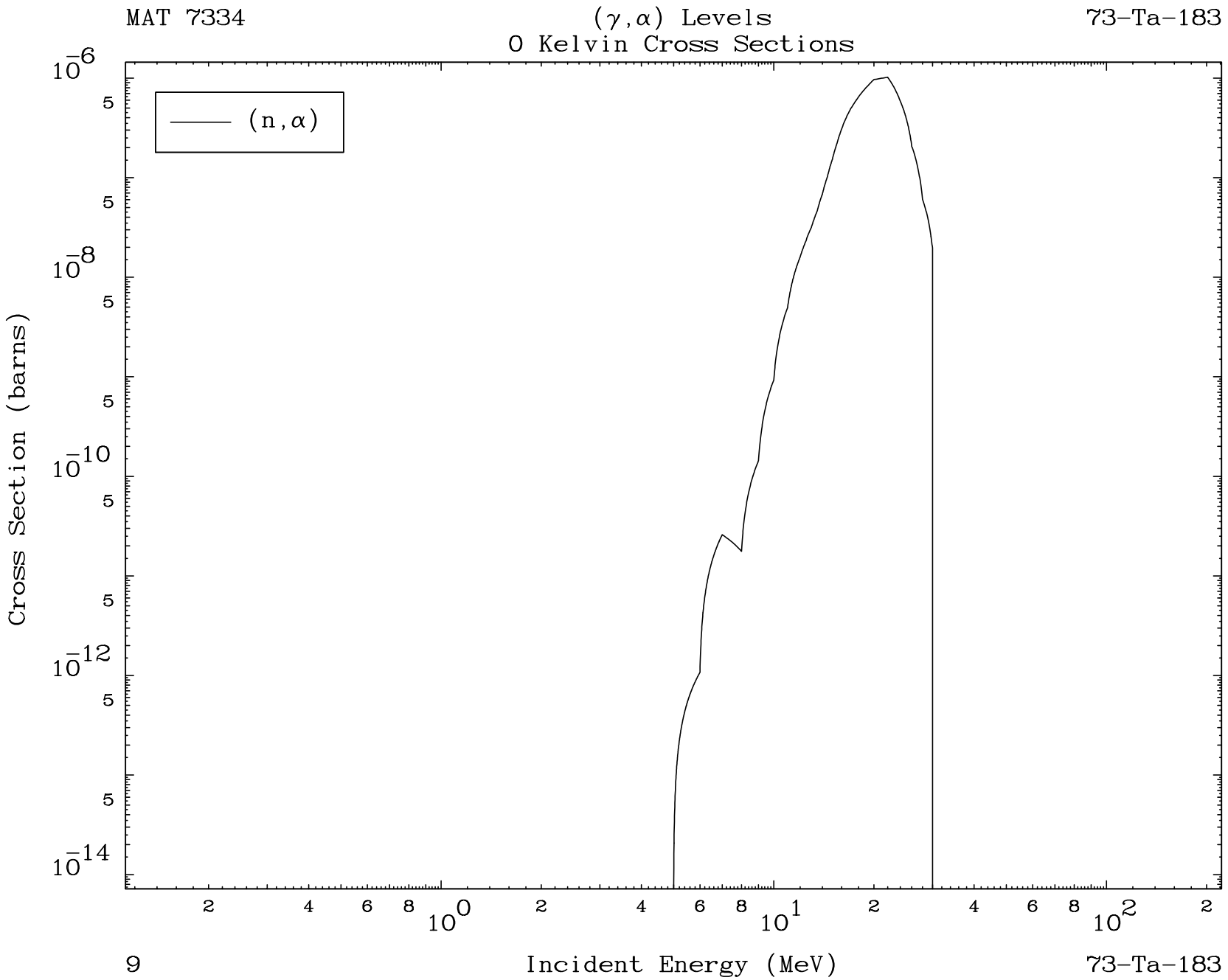

MAT 7334
Photon Charged Particle
0 Kelvin Cross Sections
73-Ta-183
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-183

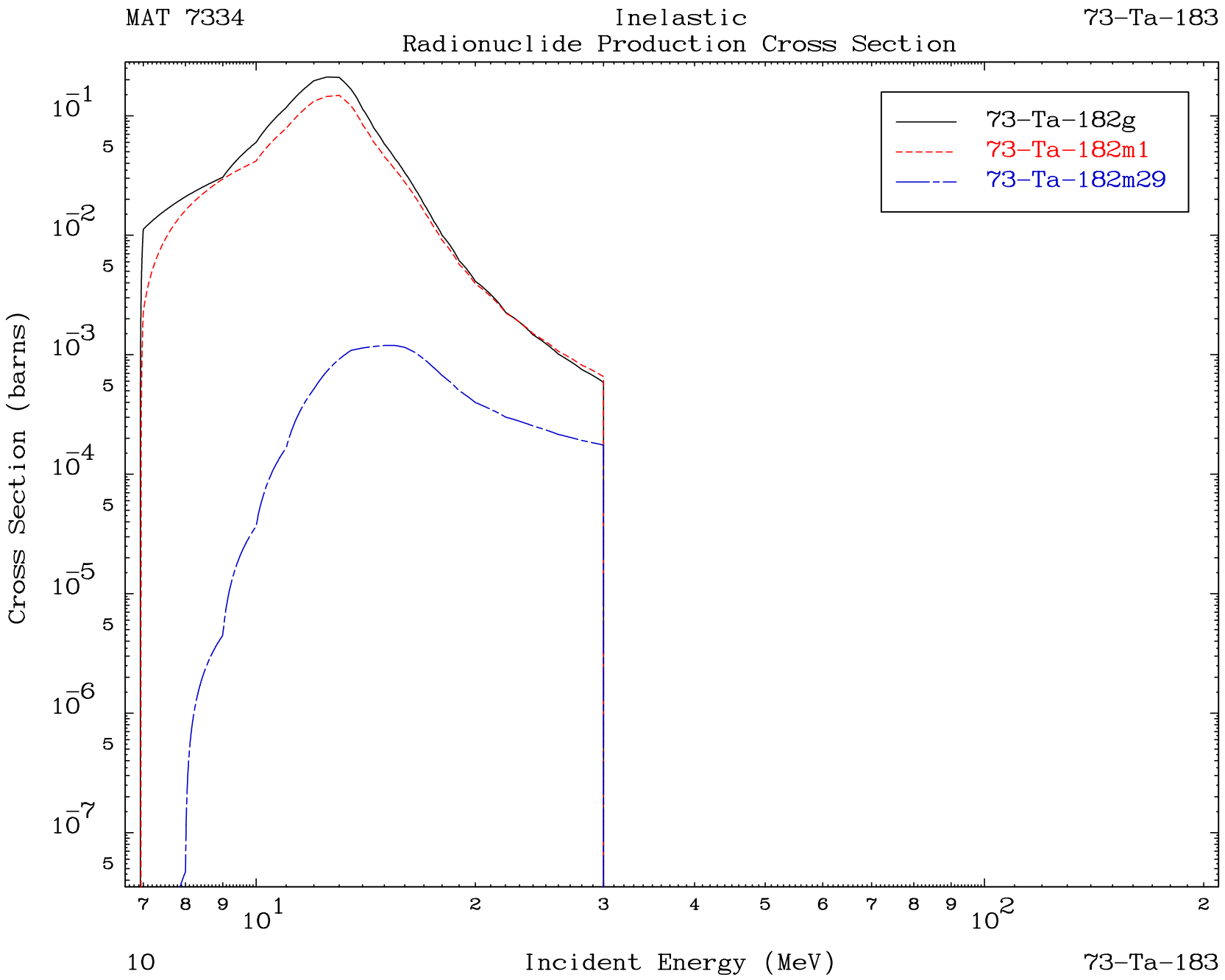

MAT 7334
(γ,n') Levels
0 Kelvin Cross Sections
73-Ta-183
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183

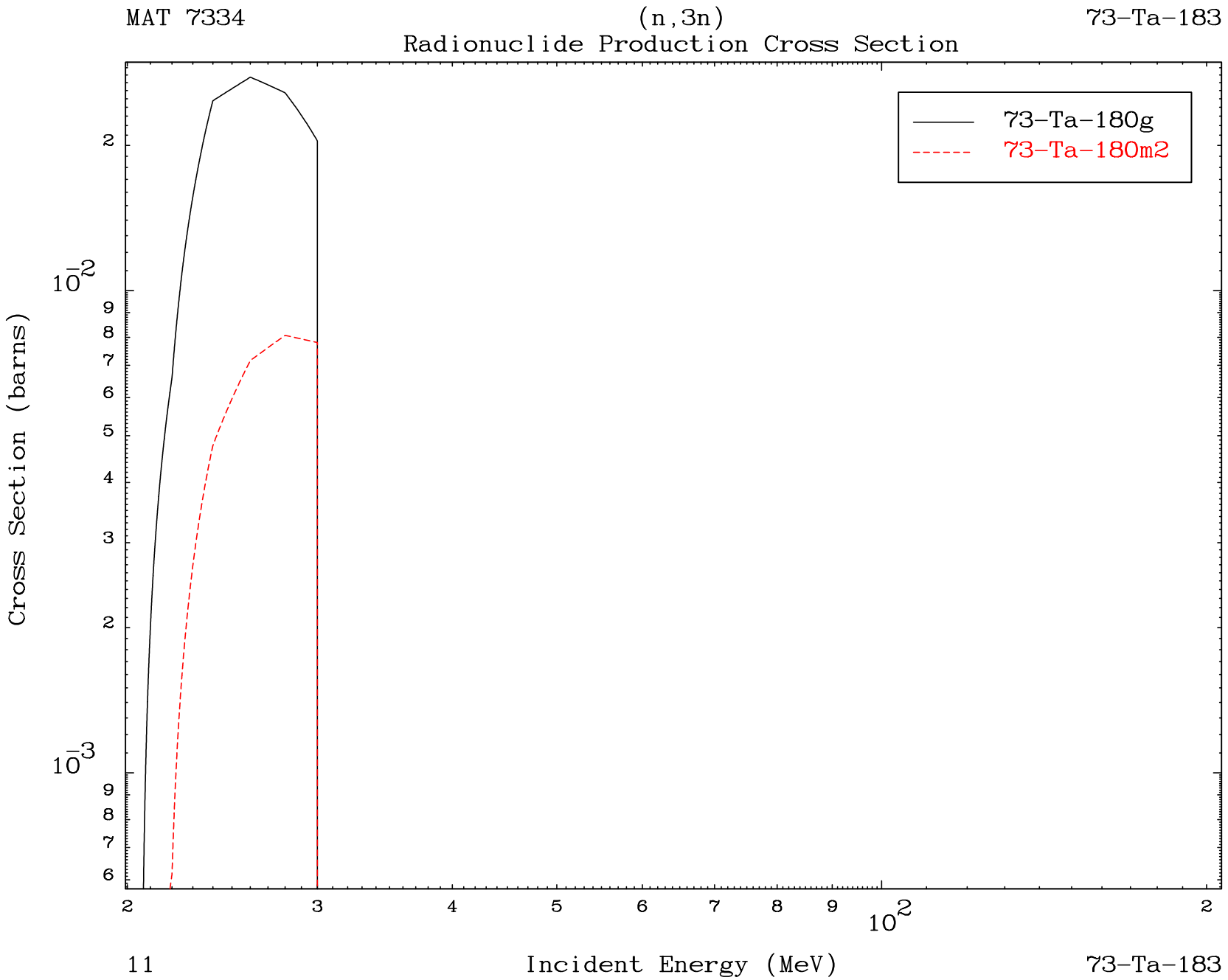

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

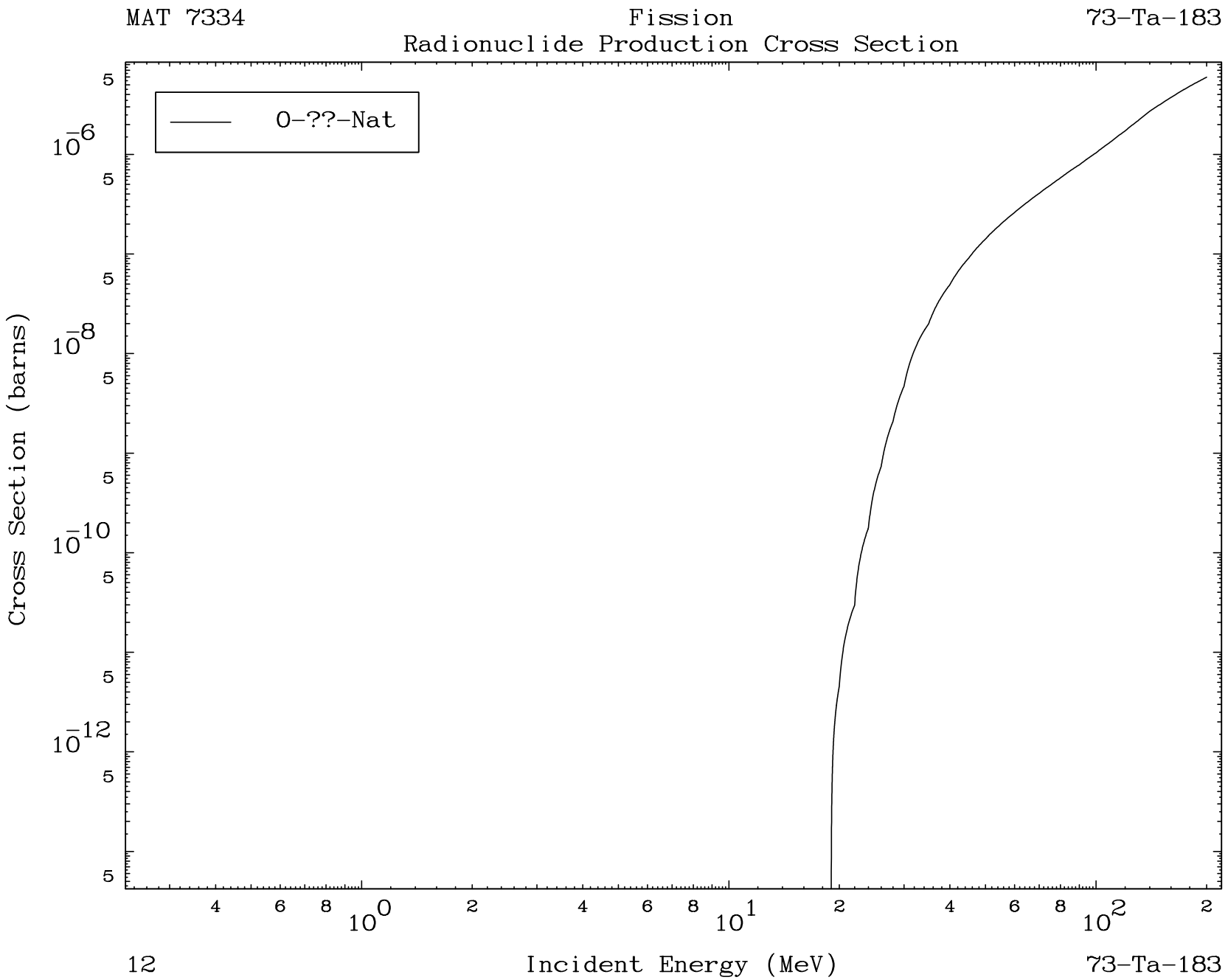

MAT 7334
(γ,d) Levels
73-Ta-183
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
73-Ta-183

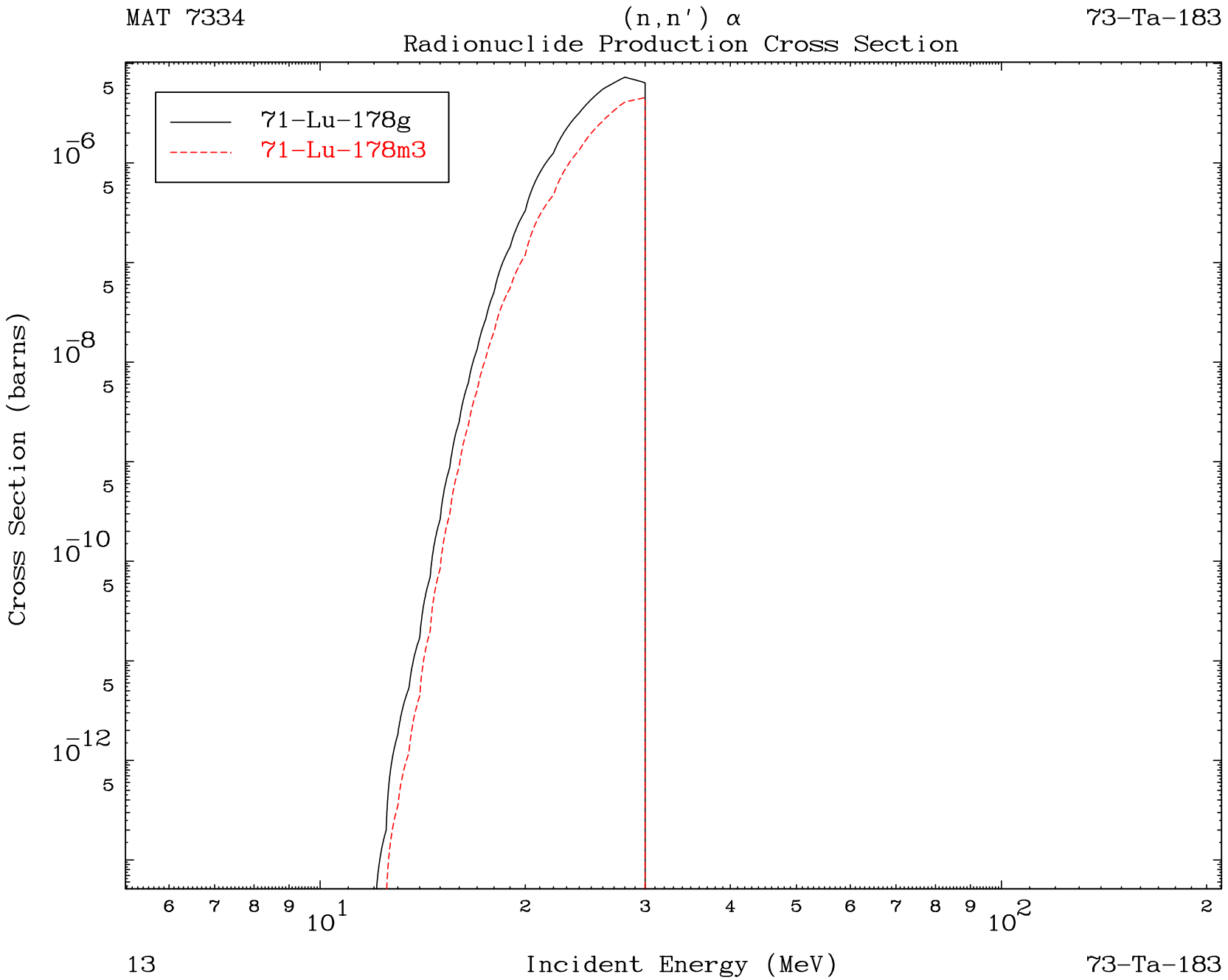

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

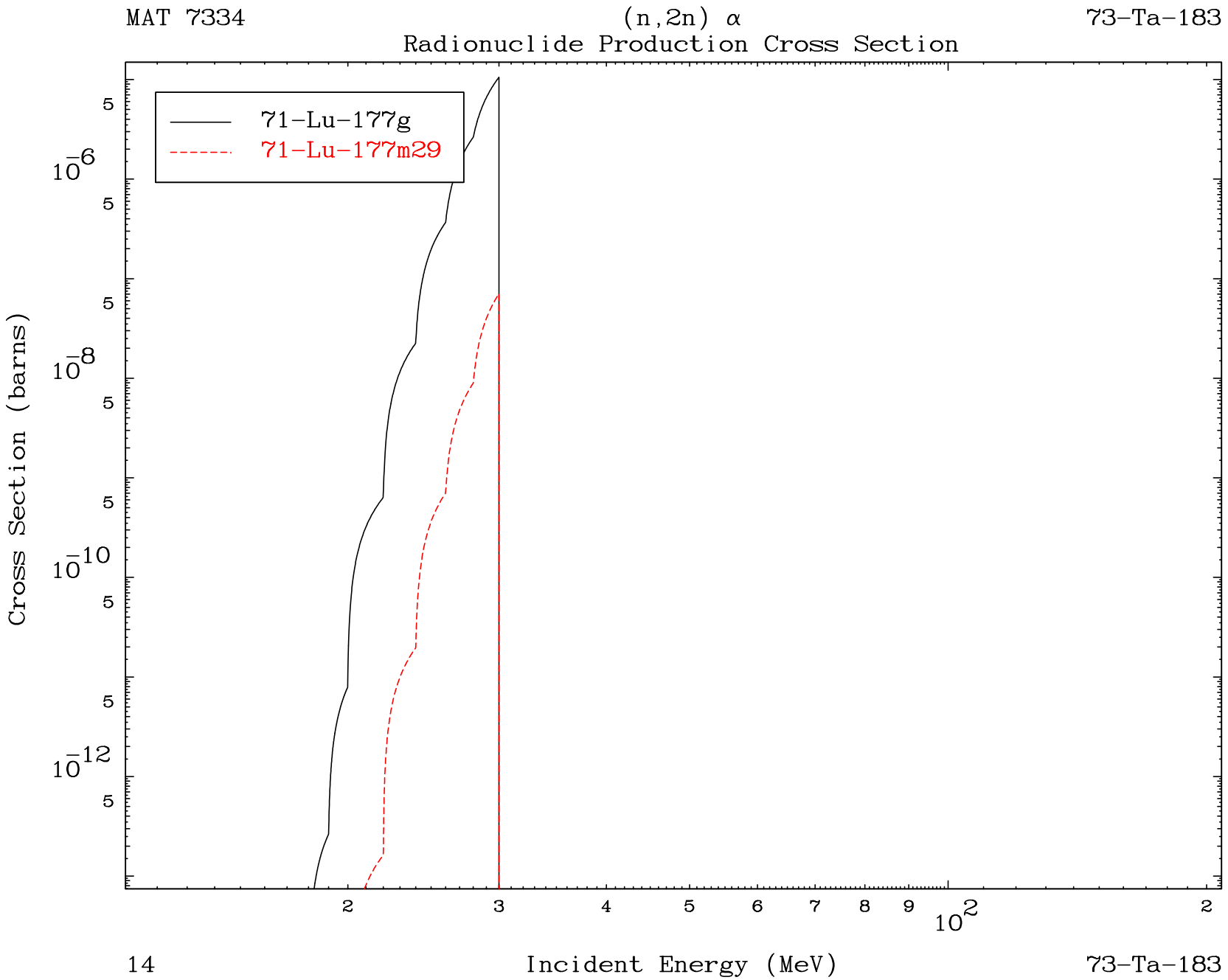

MAT 7334
(γ,α) Levels
73-Ta-183
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
9
73-Ta-183

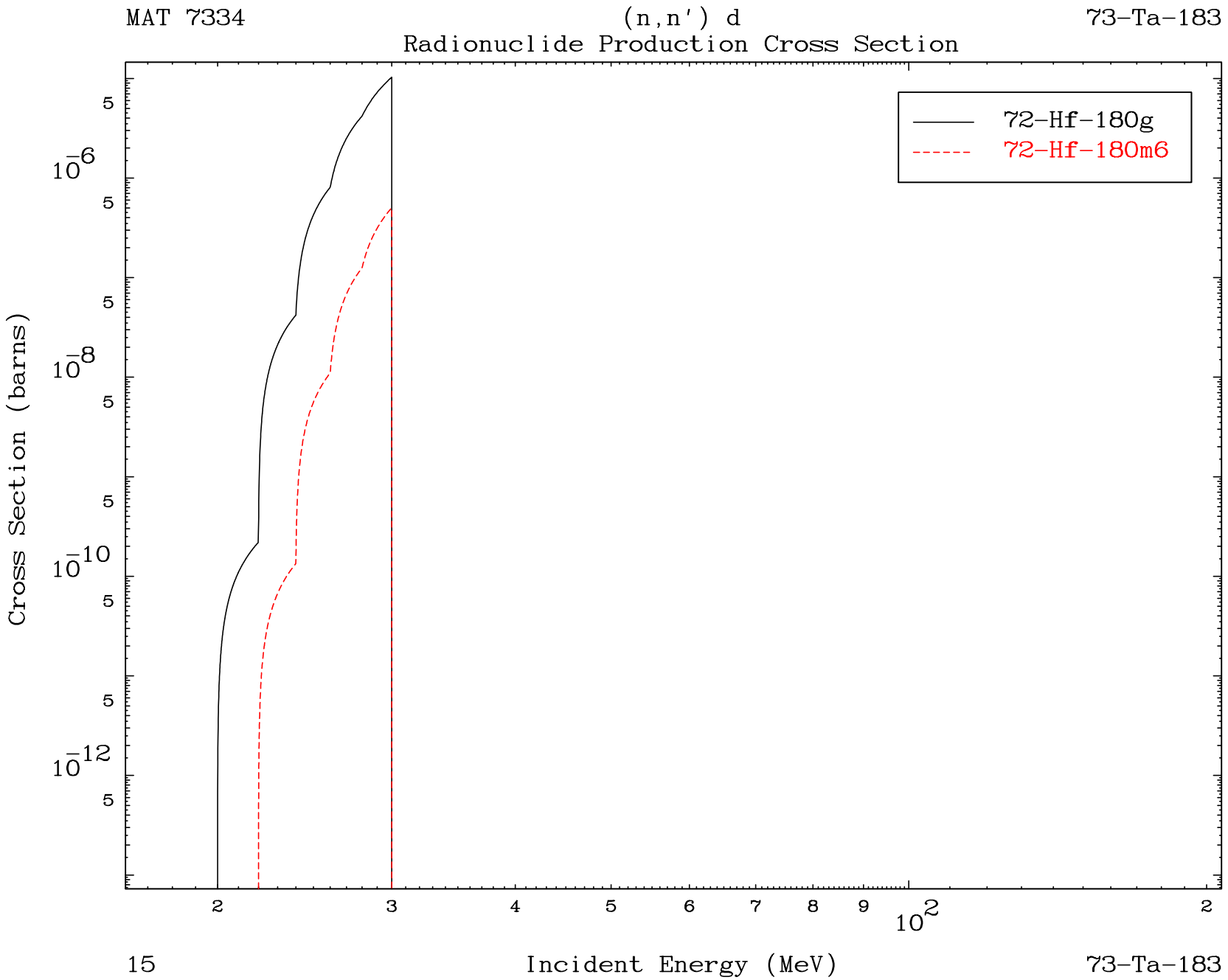

MAT 7334
Inelastic
73-Ta-183
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183

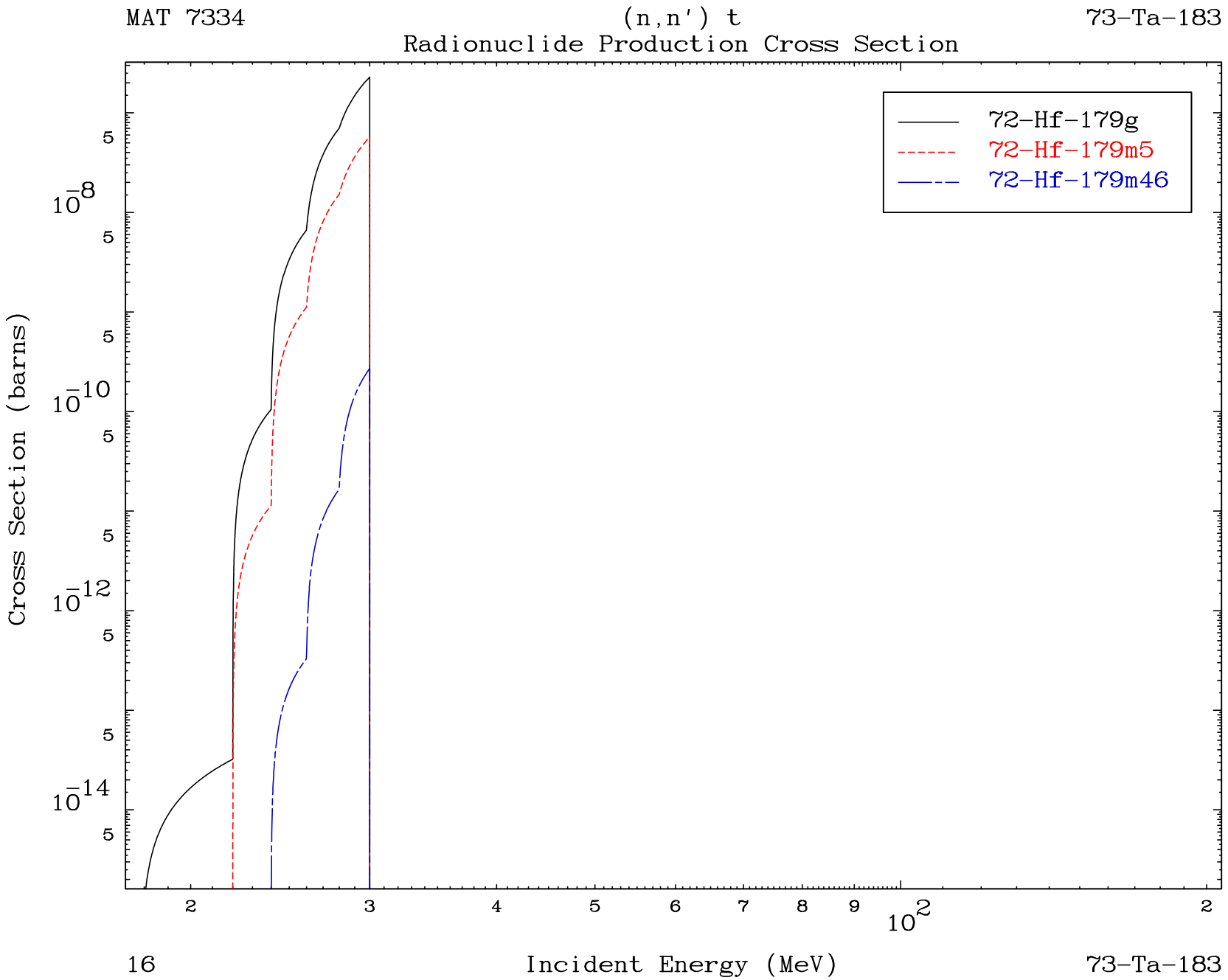

MAT 7334
(n,3n)
73-Ta-183
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
10-2
10-3
2
9
8
7
6
5
4
3
2
9
8
7
6
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
73-Ta-183

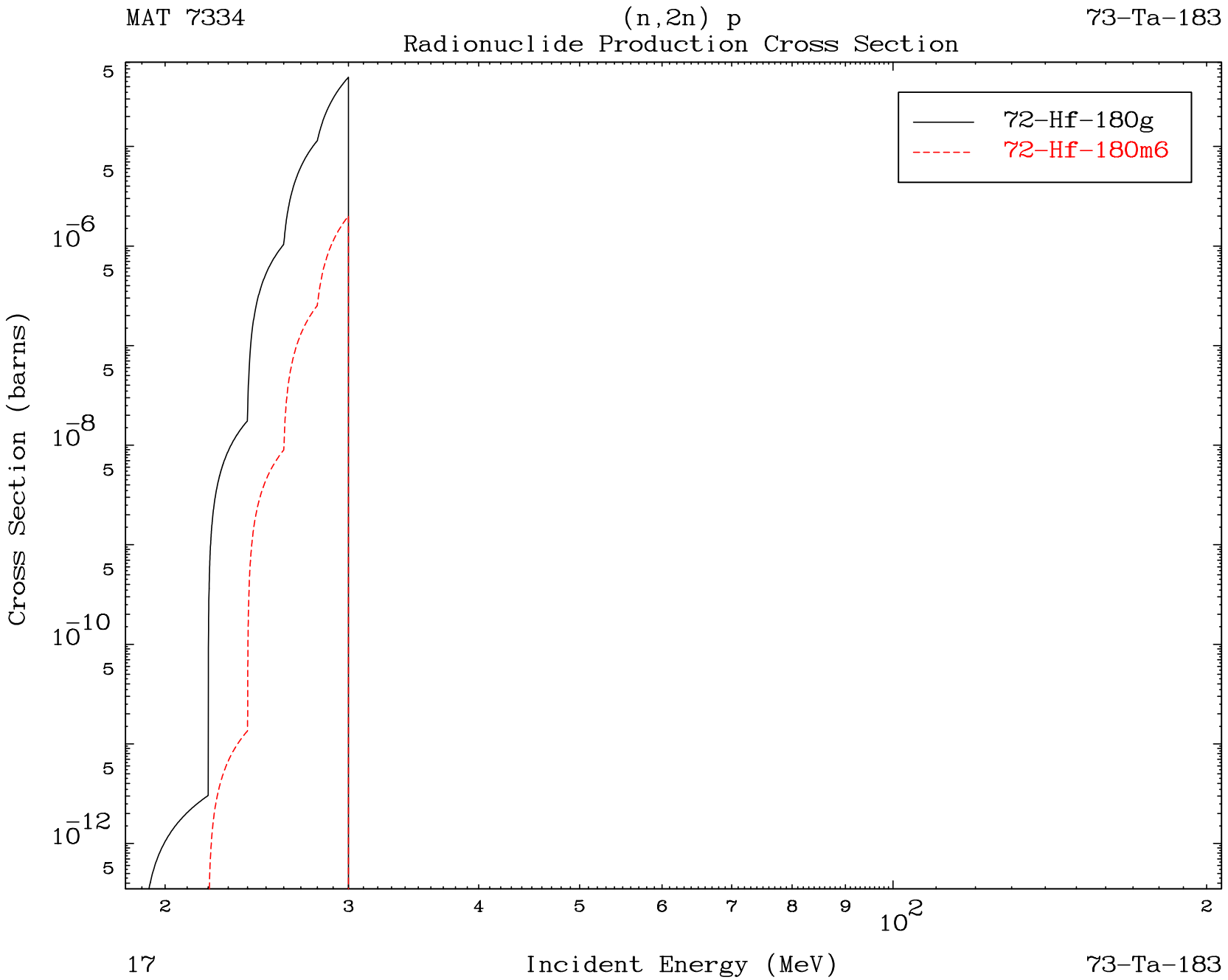

MAT 7334
Fission
73-Ta-183
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-183

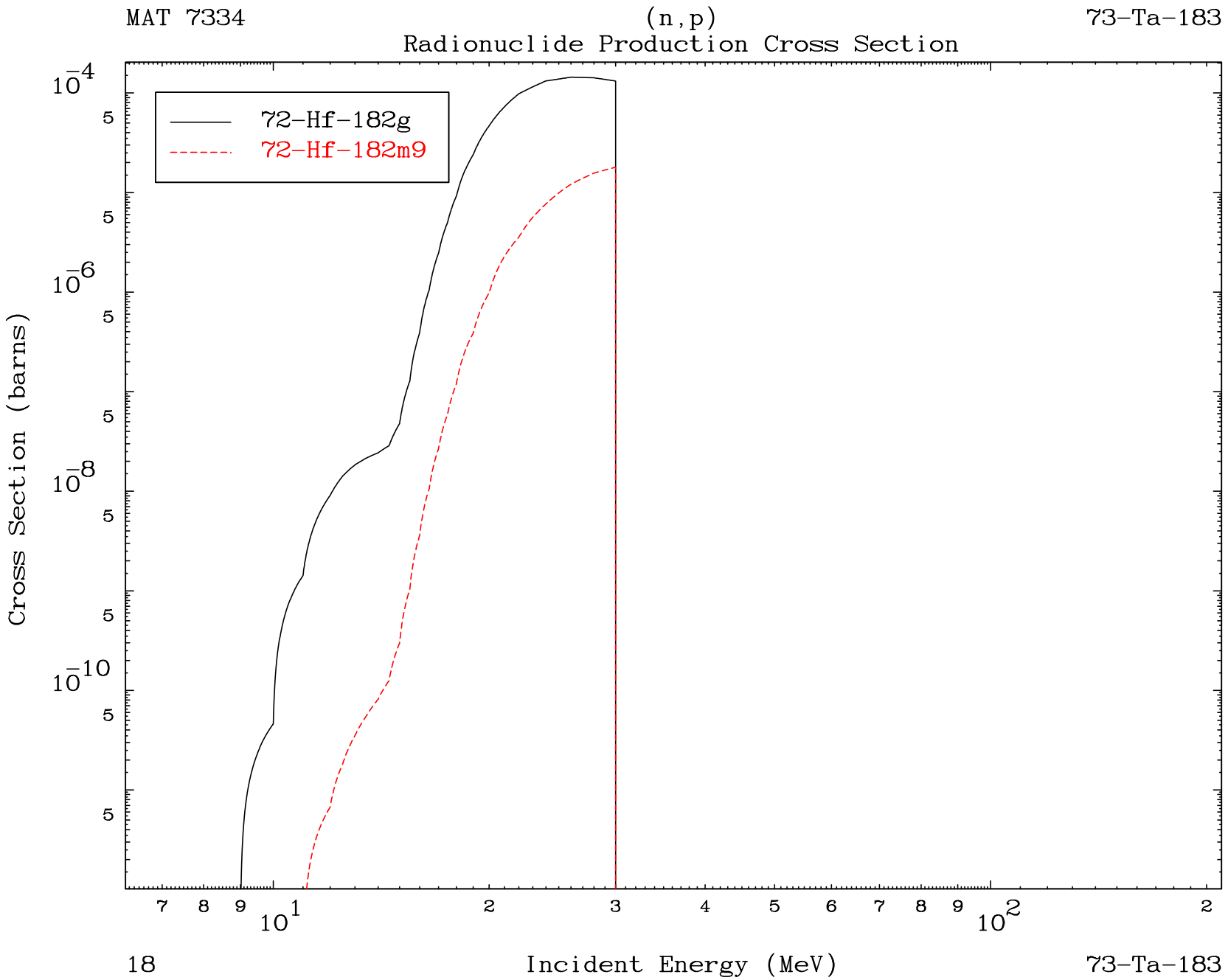

MAT 7334
(n,n') α
73-Ta-183
Radionuclide Production Cross Section
71-Lu-178g
71-Lu-178m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
13
73-Ta-183

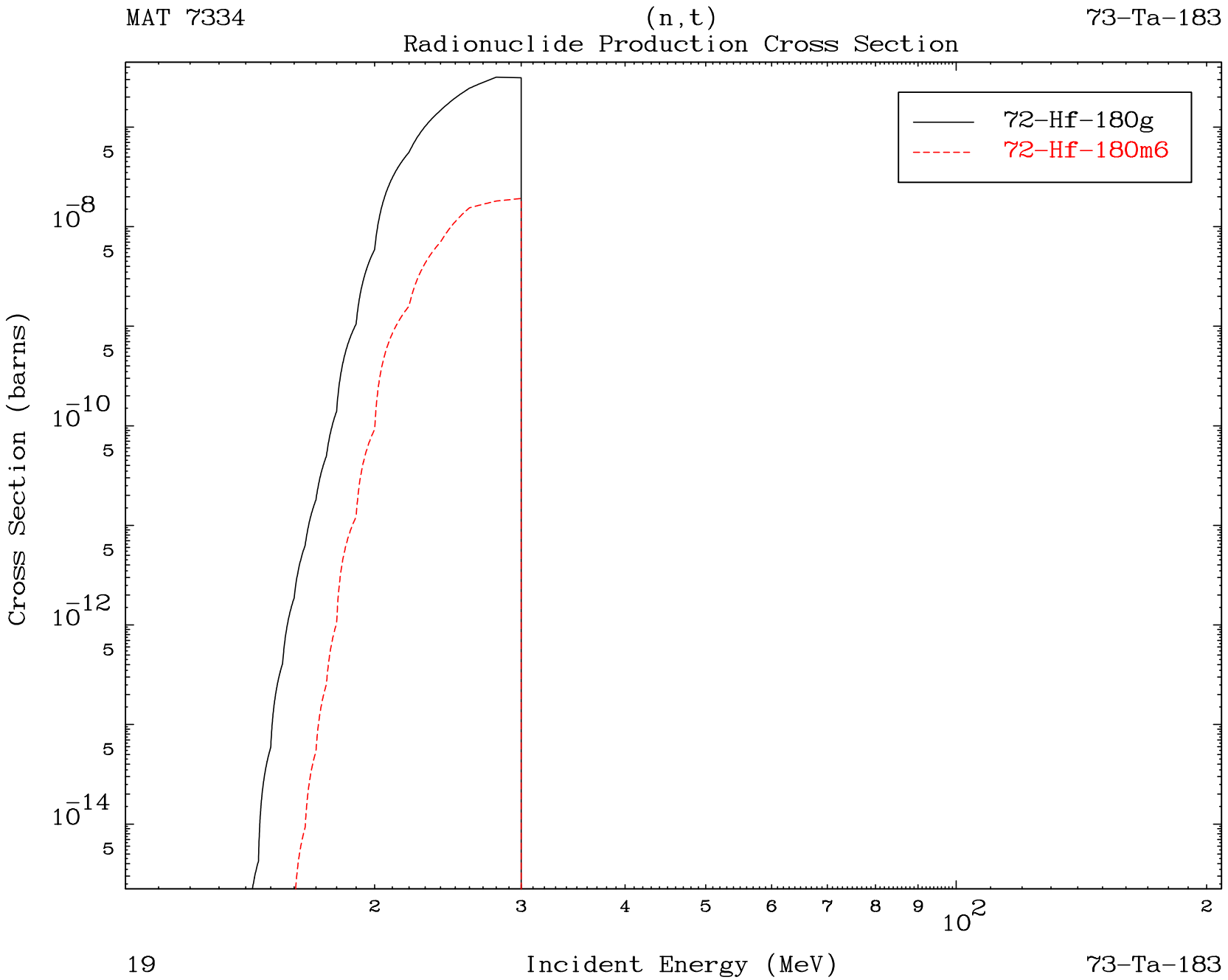

MAT 7334
(n,2n) α
73-Ta-183
Radionuclide Production Cross Section
71-Lu-177g
71-Lu-177m29
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
73-Ta-183


MAT 7334
(n,n') d
73-Ta-183
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m6
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
73-Ta-183


MAT 7334
(n,n') t
73-Ta-183
Radionuclide Production Cross Section
72-Hf-179g
72-Hf-179m5
72-Hf-179m46
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
16
73-Ta-183


MAT 7334
(n,2n) p
73-Ta-183
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m6
Cross Section (barns)
Incident Energy (MeV)
17
73-Ta-183


MAT 7334
(n,p)
73-Ta-183
Radionuclide Production Cross Section
72-Hf-182g
72-Hf-182m9
Cross Section (barns)
Incident Energy (MeV)
18
73-Ta-183


MAT 7334
(n,t)
73-Ta-183
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m6
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
73-Ta-183