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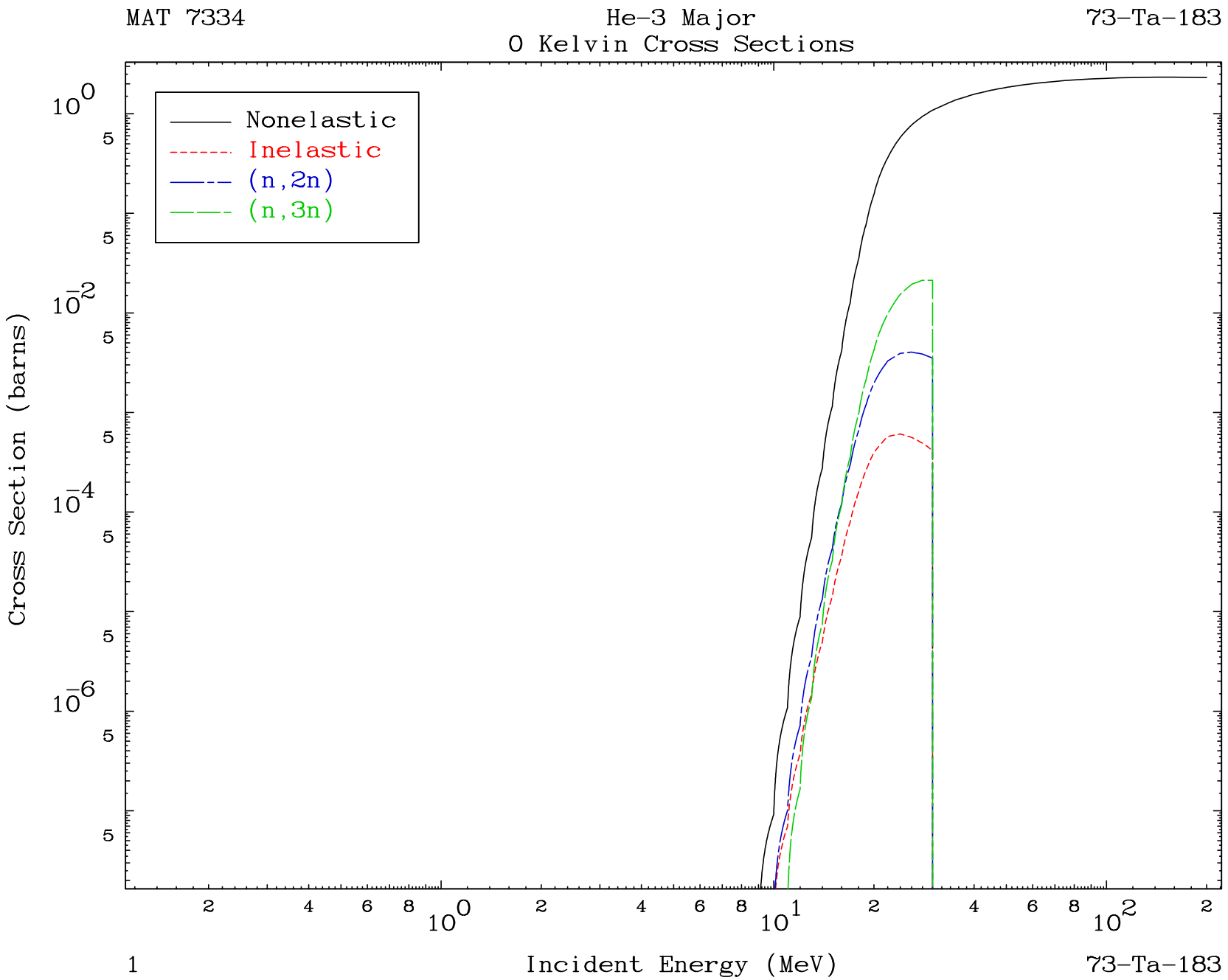
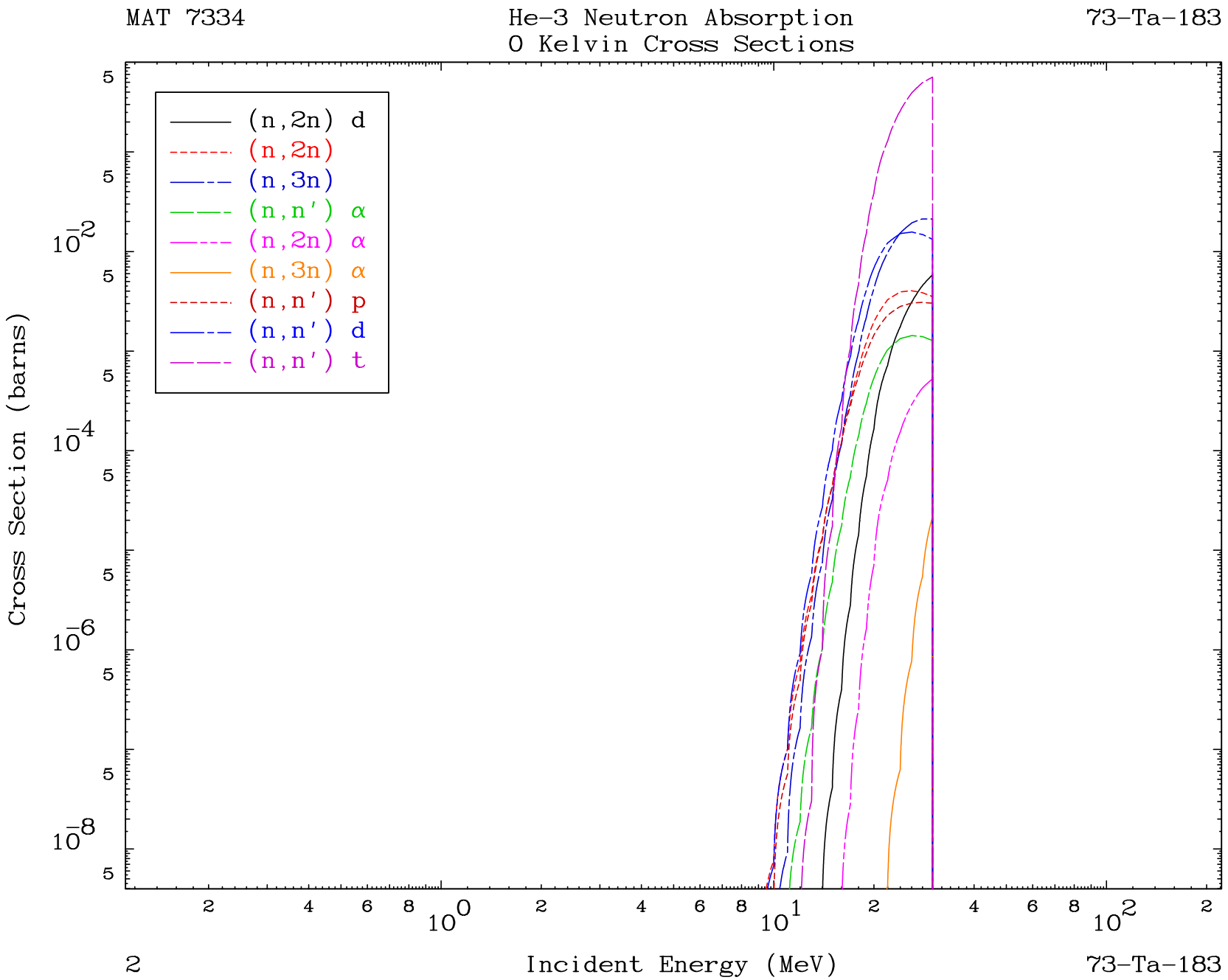
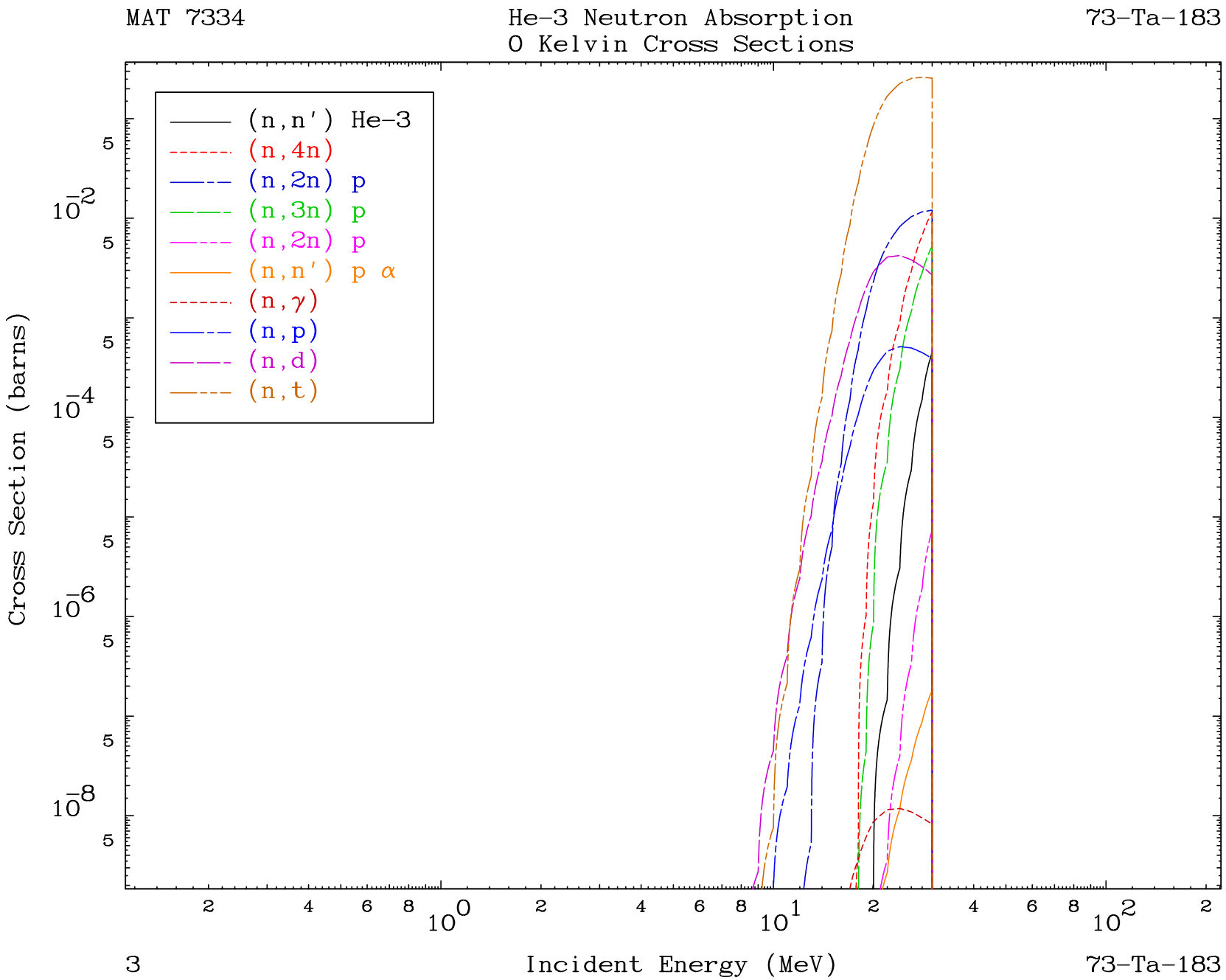
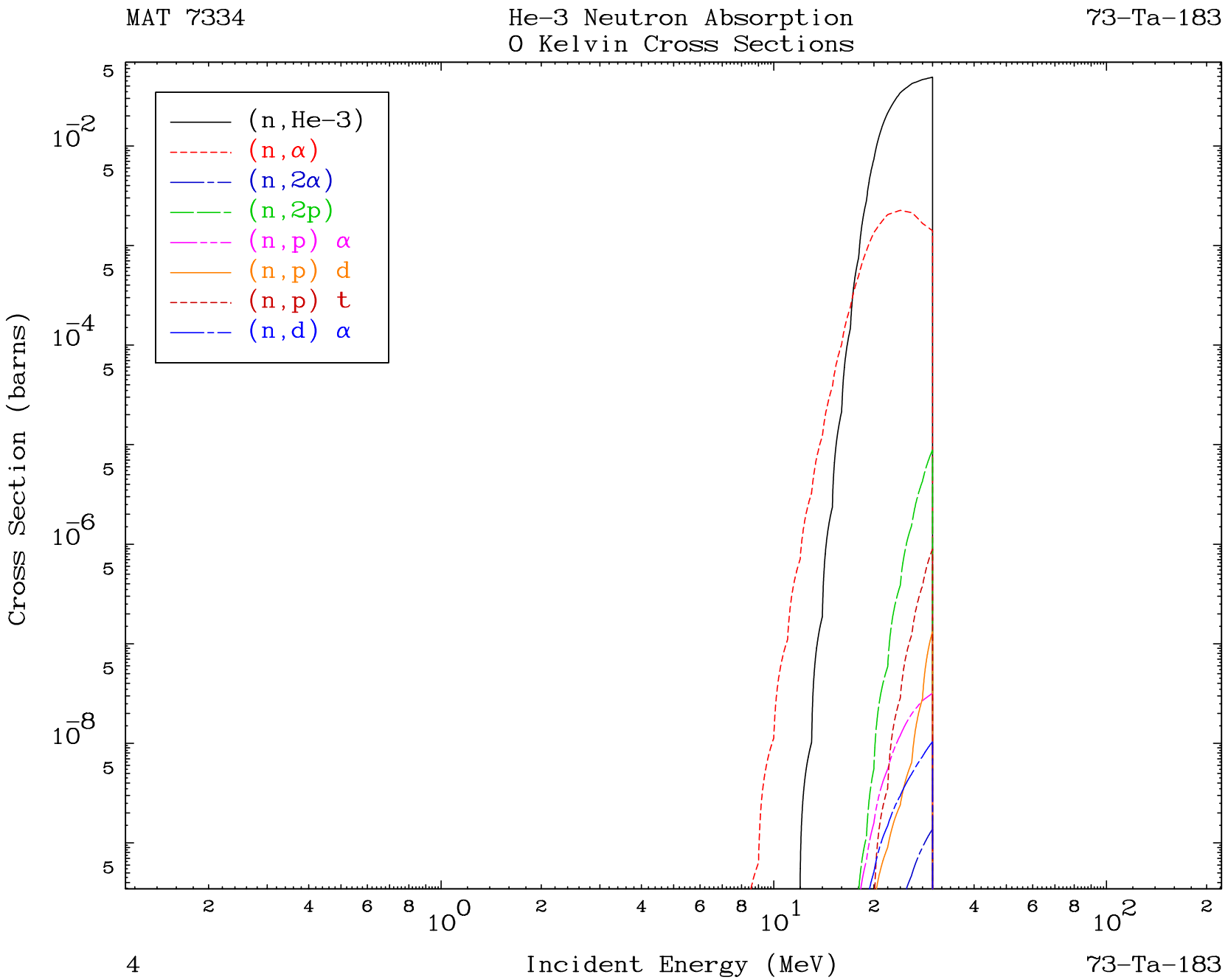
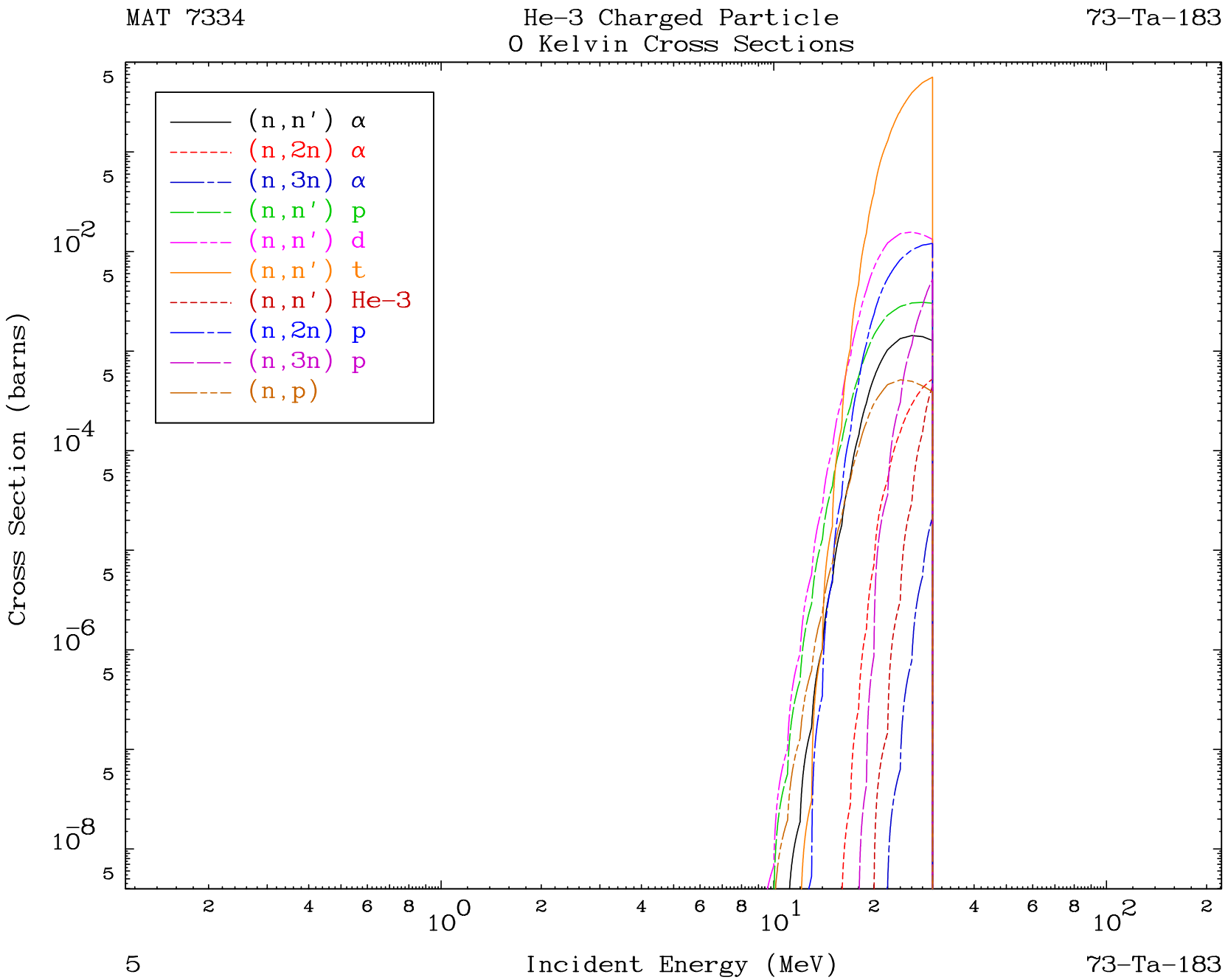
Press Mouse Button to Start

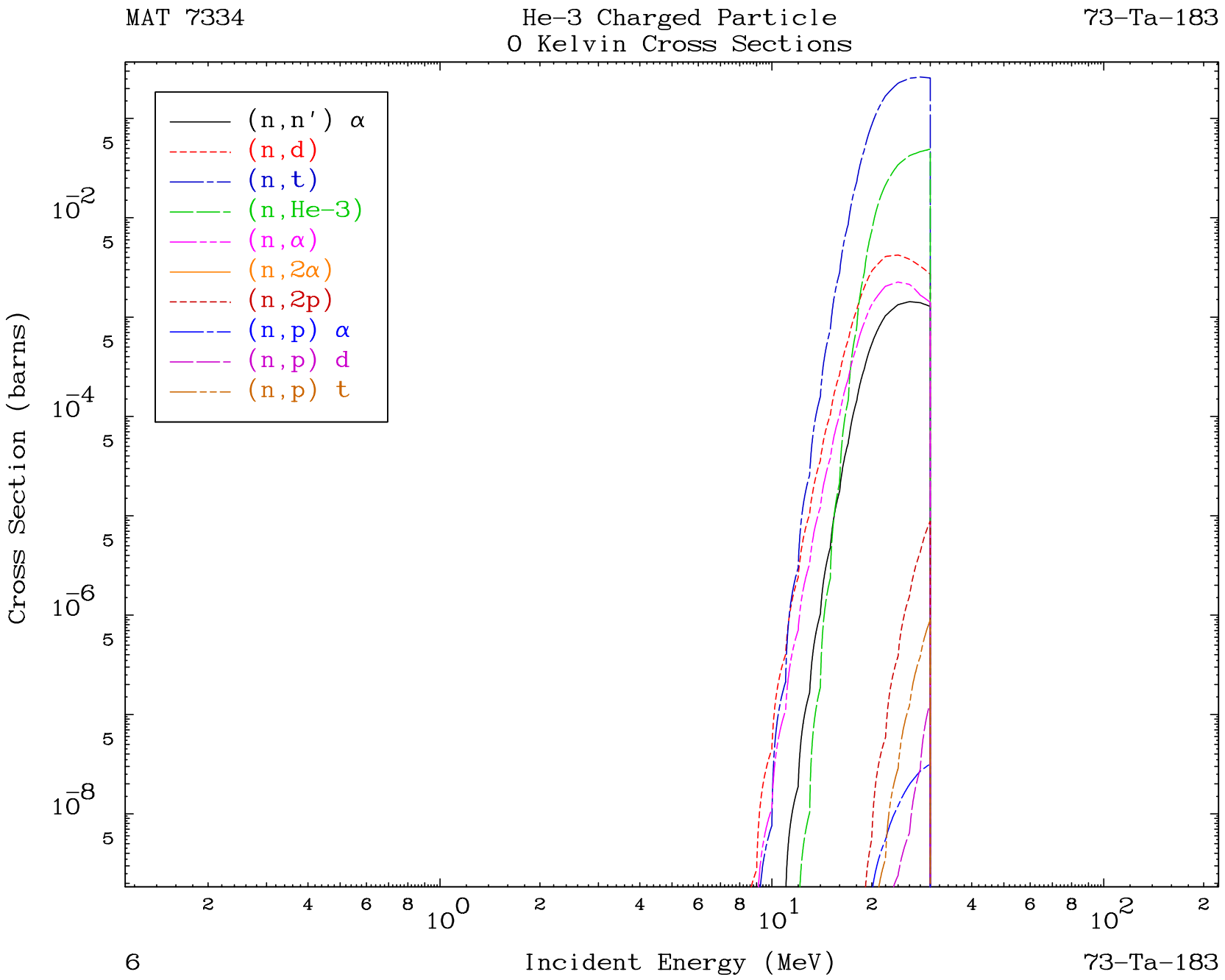

MAT 7334
He-3 Major
73-Ta-183
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183
1

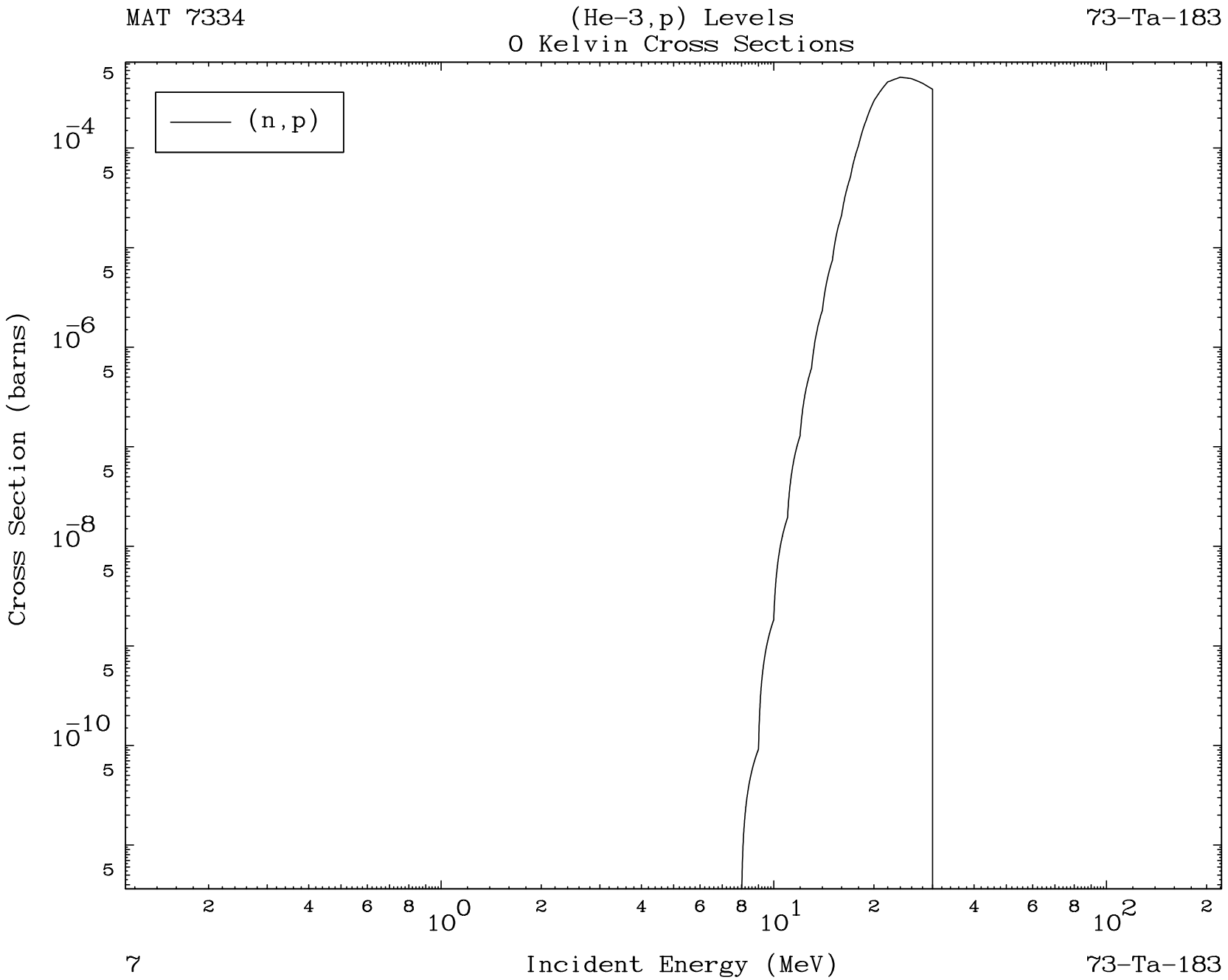

MAT 7334
He-3 Neutron Absorption
0 Kelvin Cross Sections
73-Ta-183
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
73-Ta-183

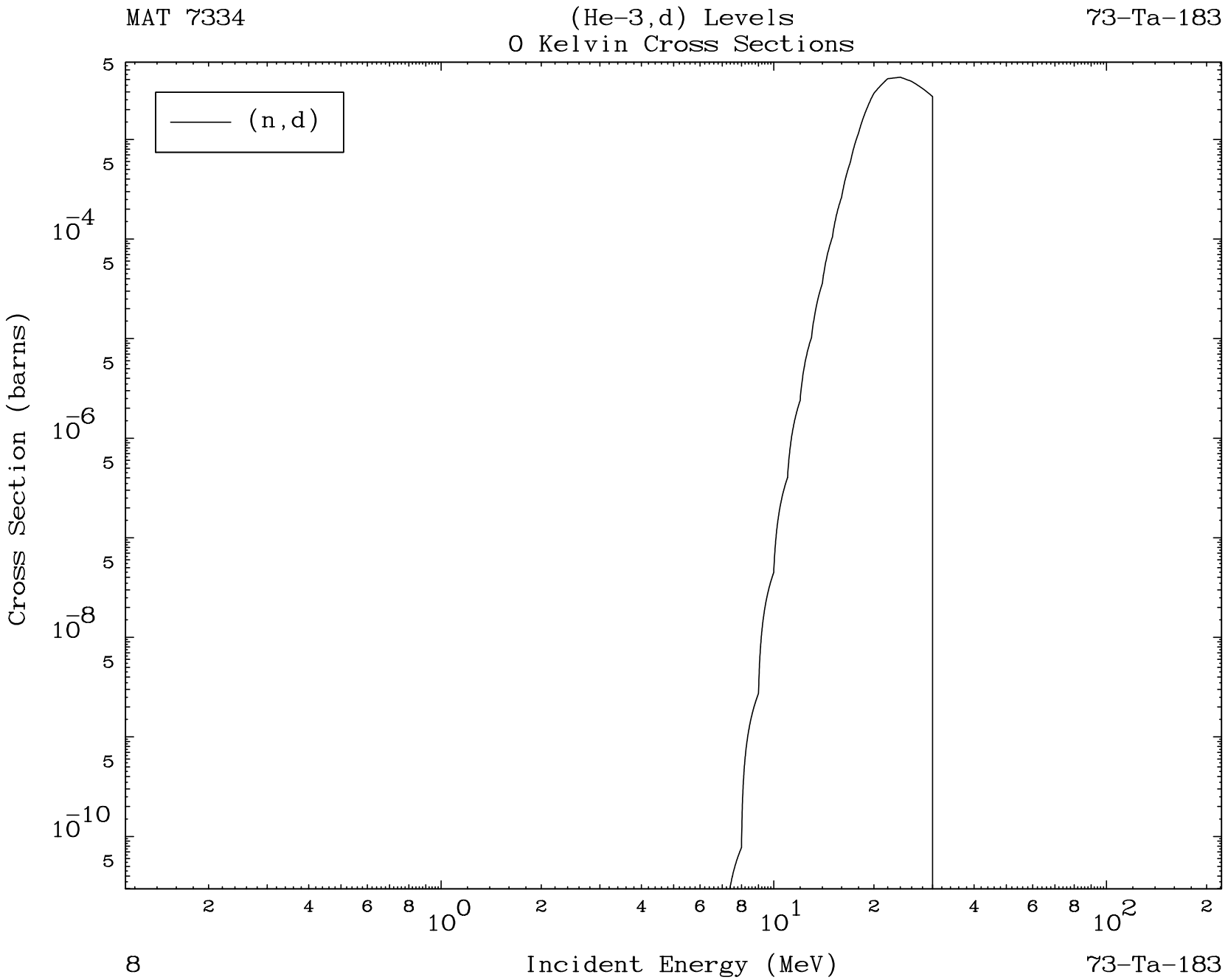

MAT 7334
He-3 Neutron Absorption
0 Kelvin Cross Sections
73-Ta-183
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-183

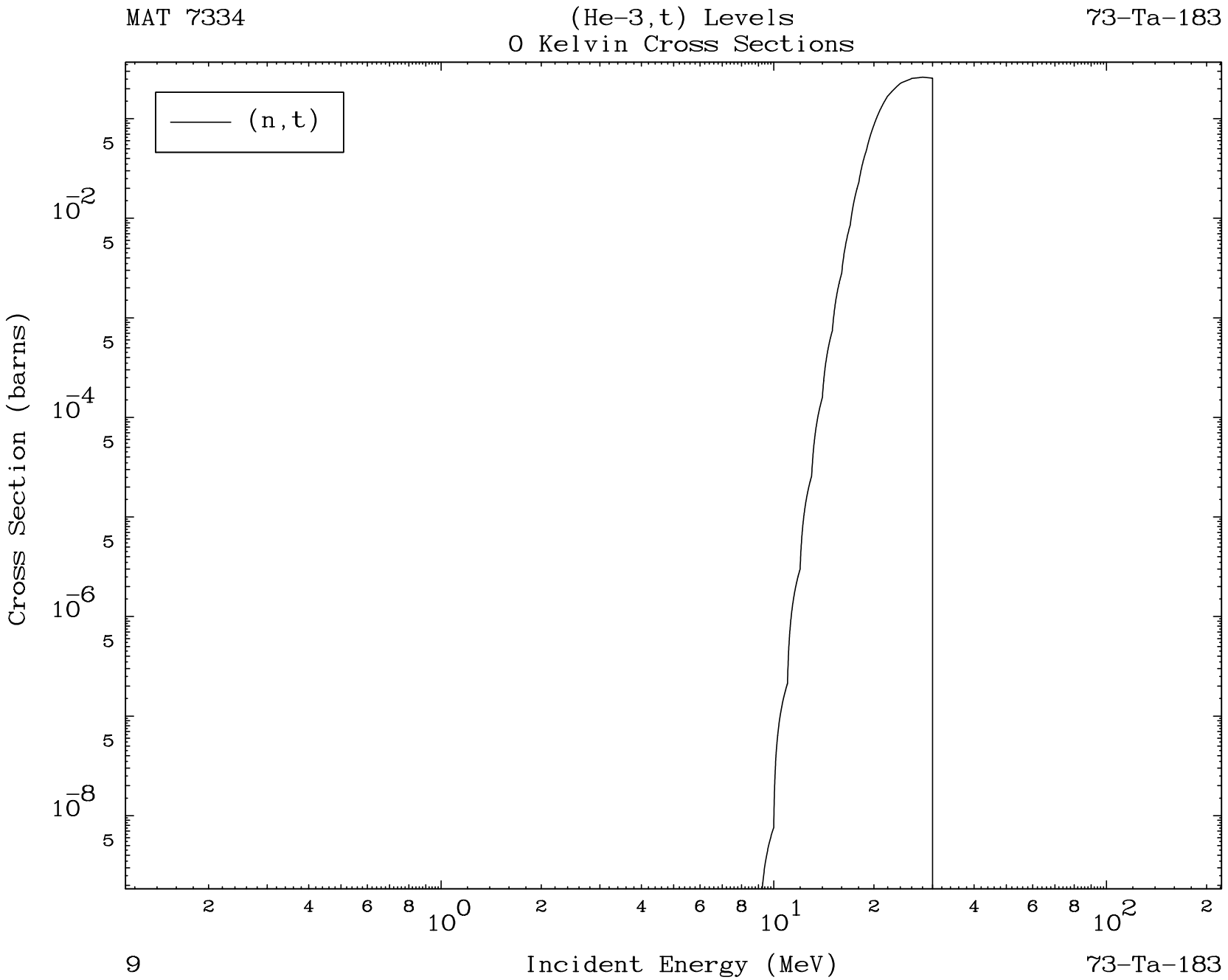

MAT 7334
He-3 Neutron Absorption
0 Kelvin Cross Sections
73-Ta-183
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-183

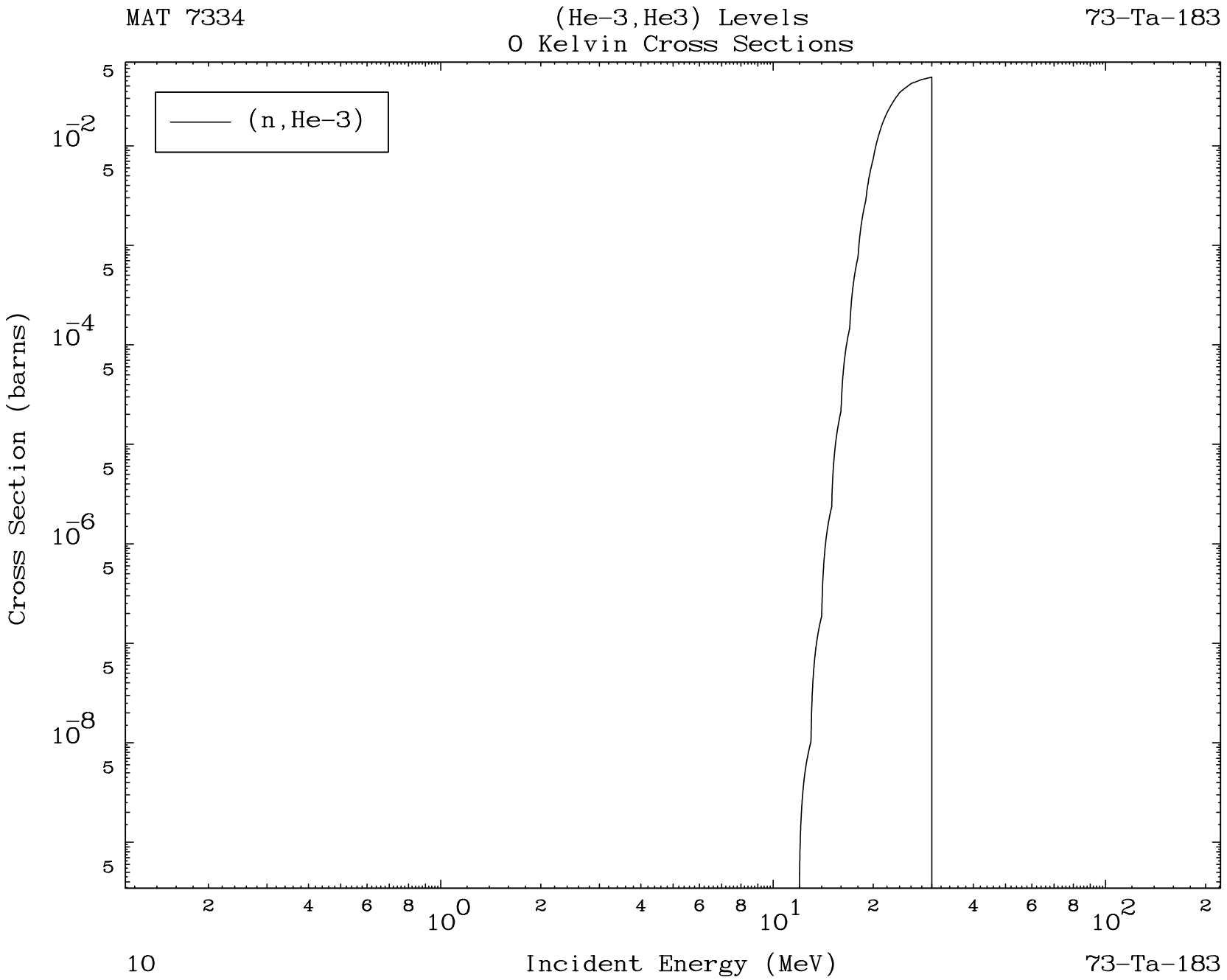

MAT 7334
He-3 Charged Particle
0 Kelvin Cross Sections
73-Ta-183
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183

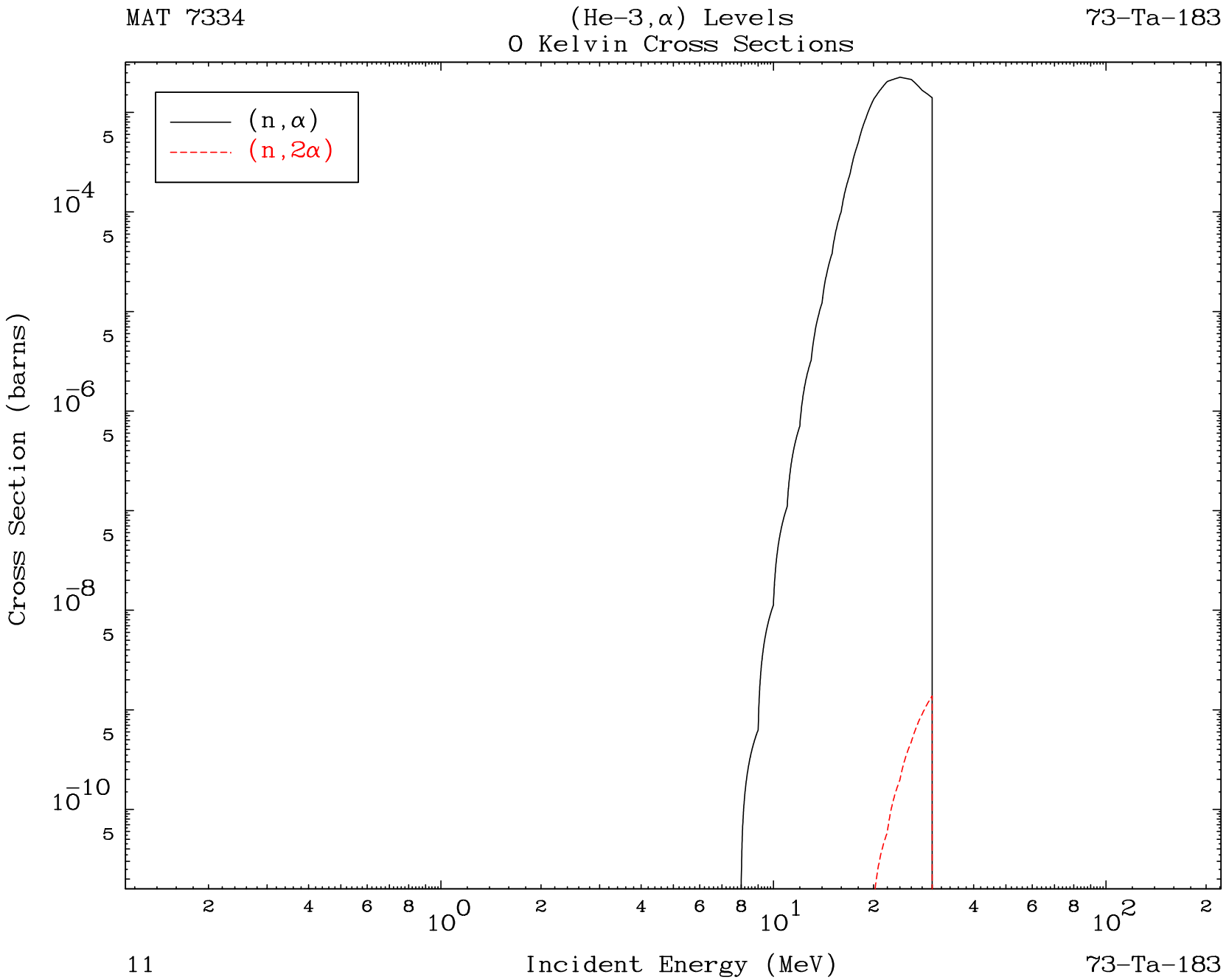

MAT 7334
He-3 Charged Particle
0 Kelvin Cross Sections
73-Ta-183
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-183

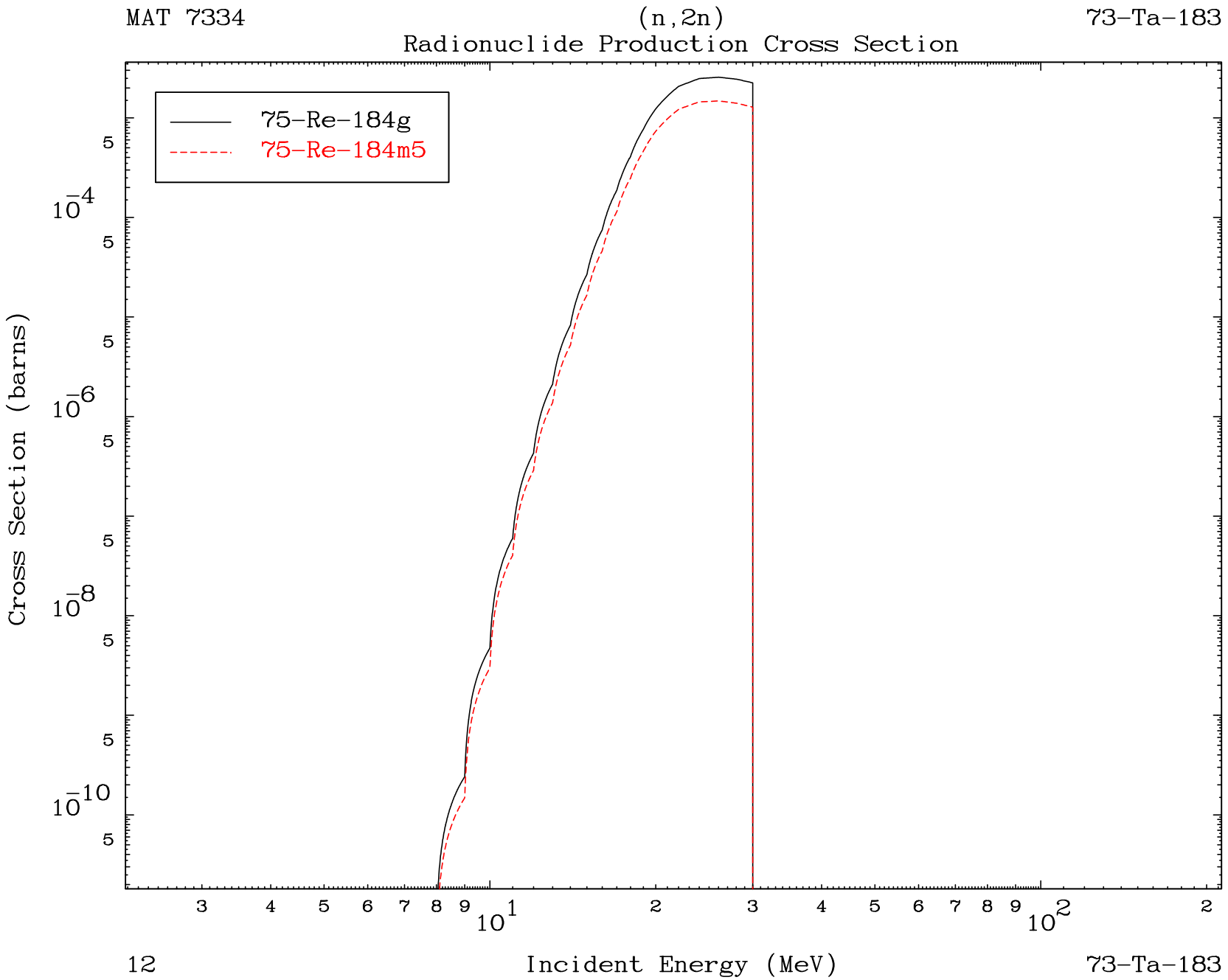

MAT 7334
(He-3,p) Levels
0 Kelvin Cross Sections
73-Ta-183
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
7
73-Ta-183

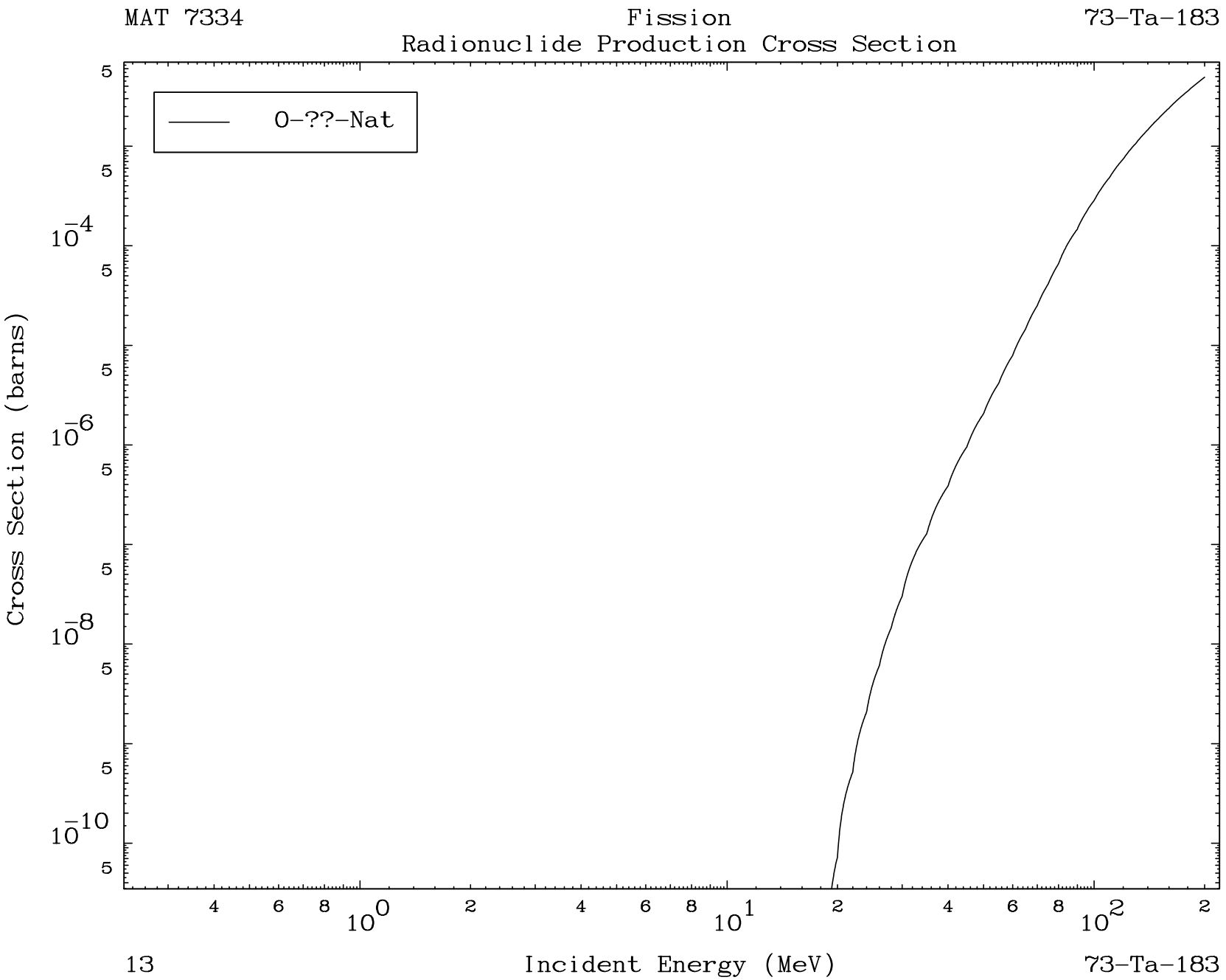

MAT 7334
(He-3,d) Levels
73-Ta-183
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
73-Ta-183

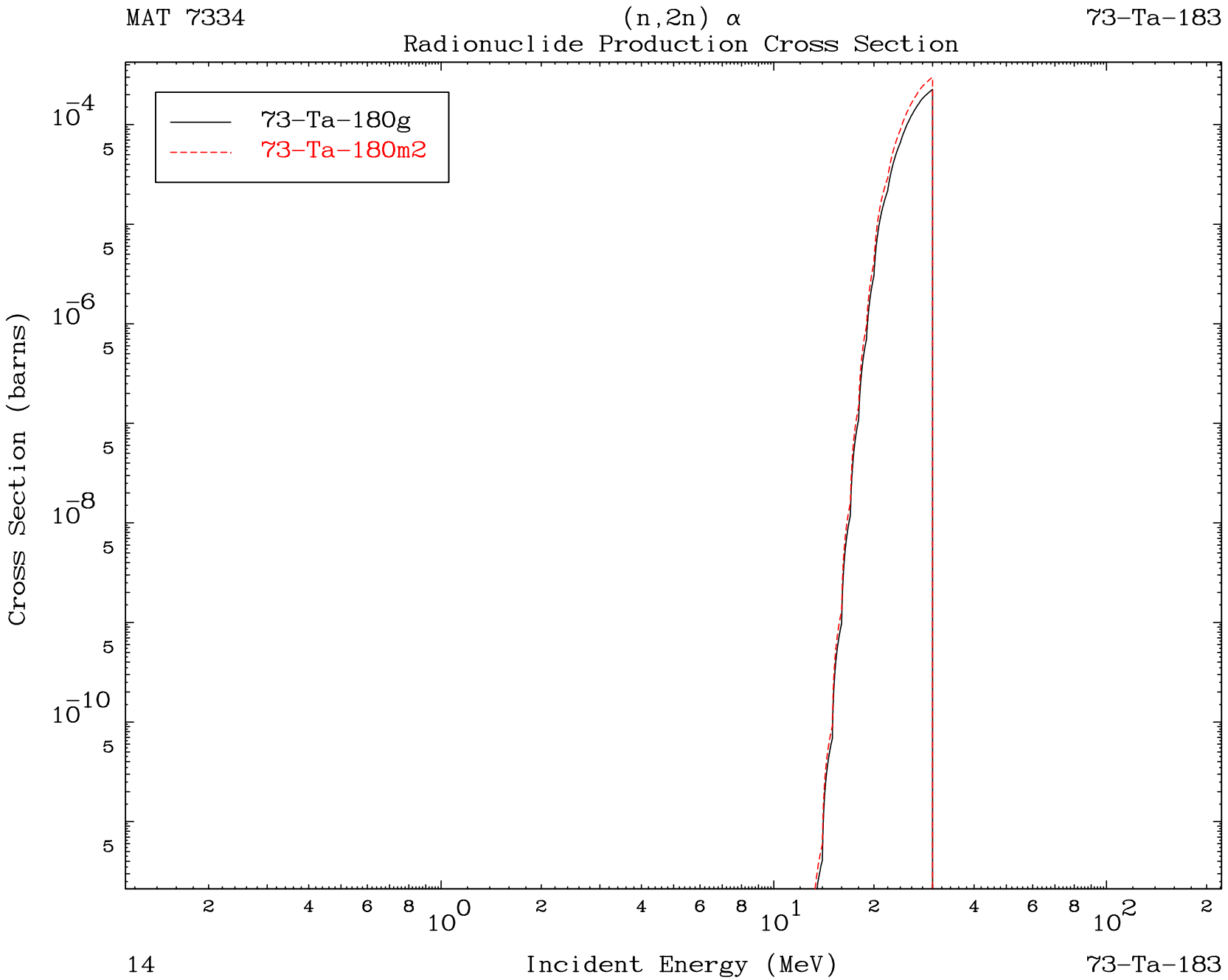

MAT 7334
(He-3,t) Levels
73-Ta-183
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
9
73-Ta-183

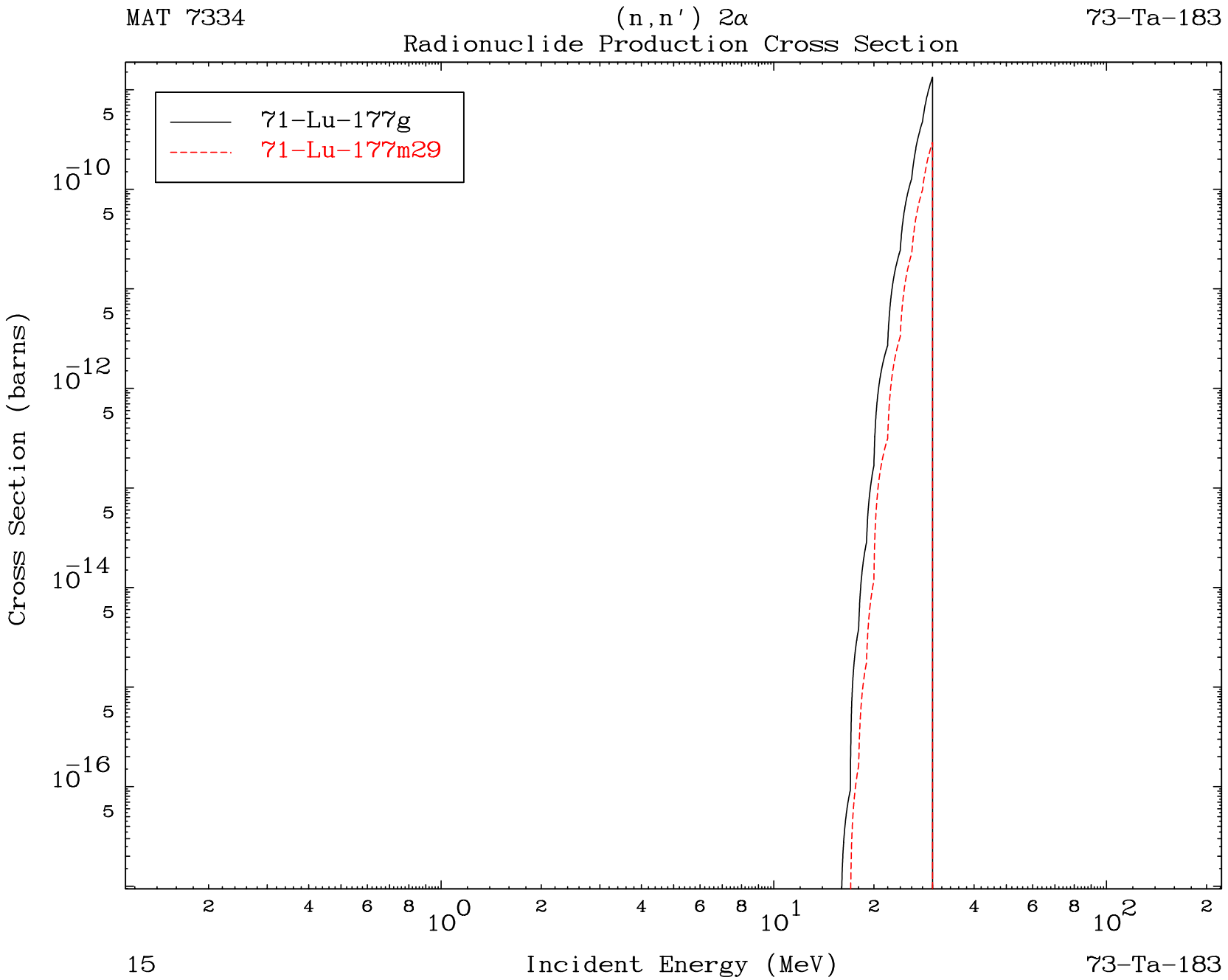

MAT 7334
(He-3,He3) Levels
73-Ta-183
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-183

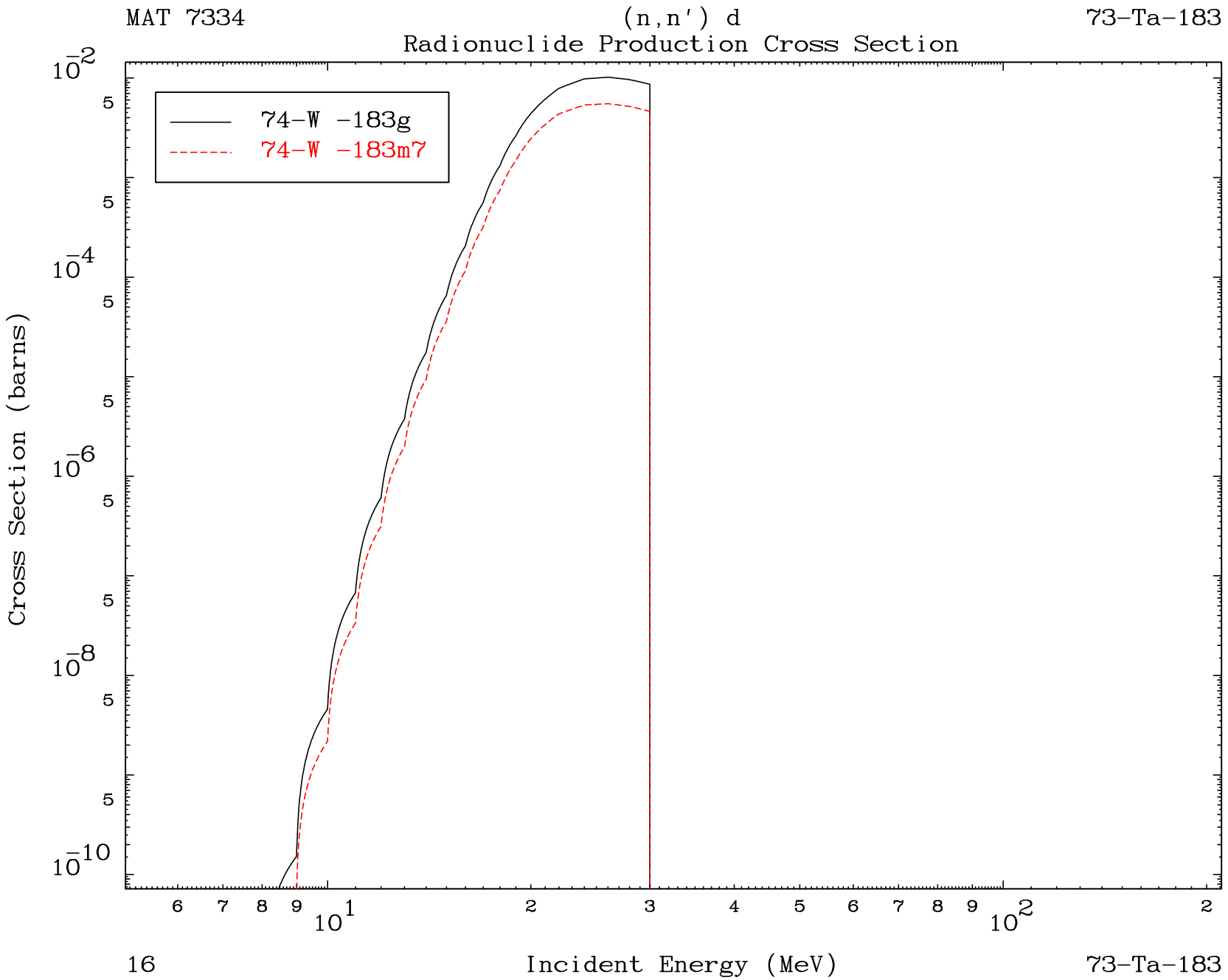

MAT 7334
(He-3,α) Levels
0 Kelvin Cross Sections
73-Ta-183
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
73-Ta-183

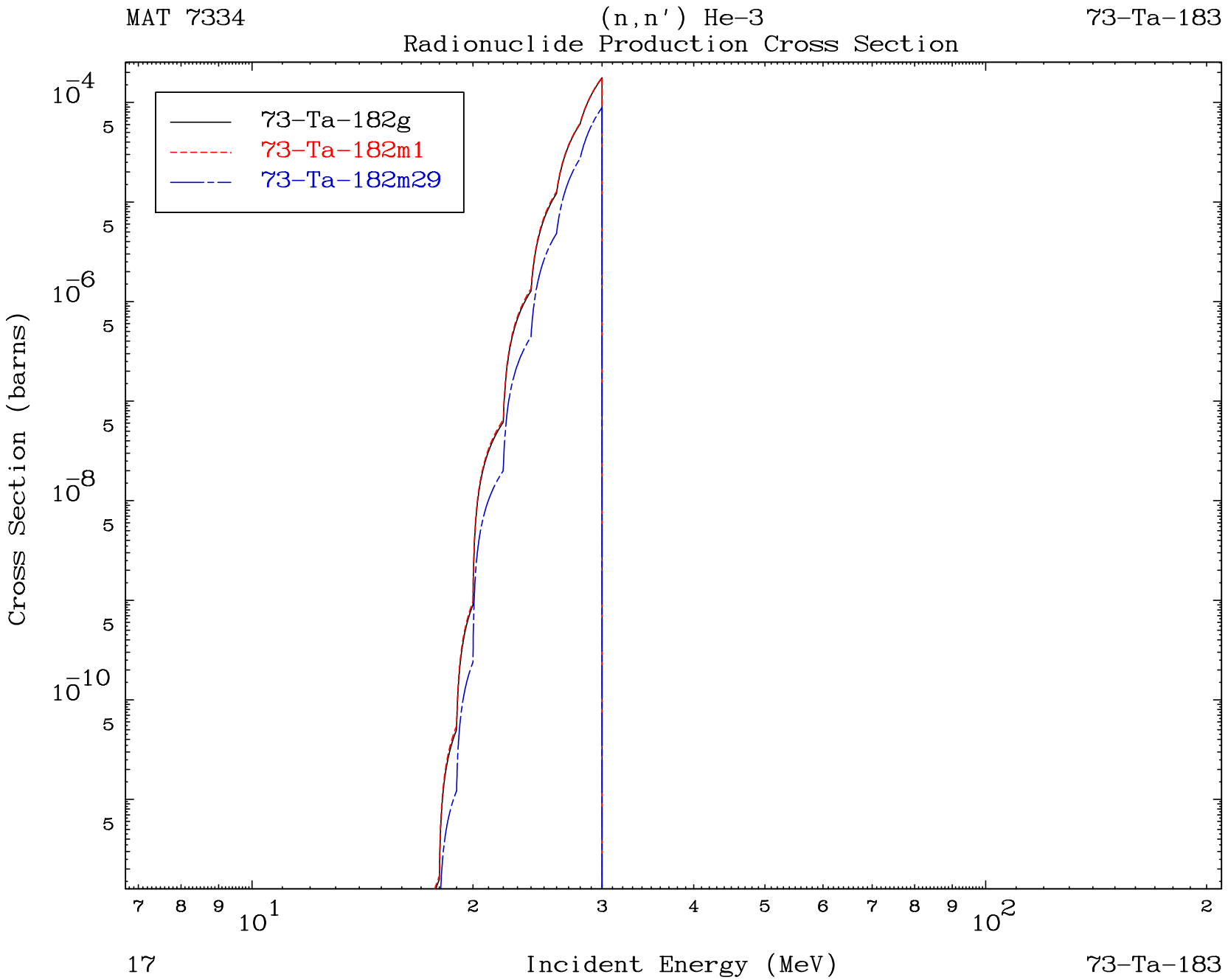

MAT 7334
(n,2n)
73-Ta-183
Radionuclide Production Cross Section
75-Re-184g
75-Re-184m5
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-183

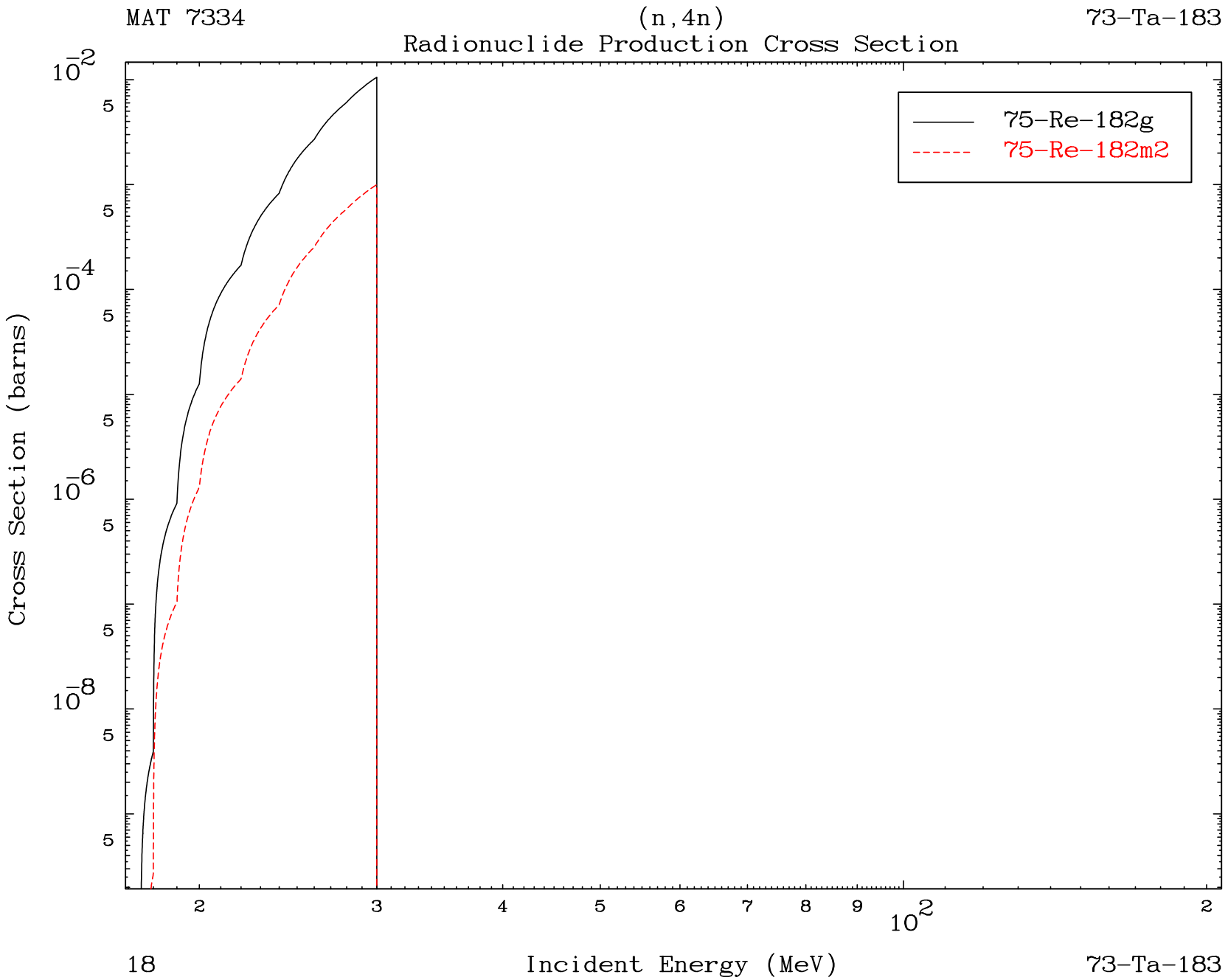

MAT 7334
Fission
73-Ta-183
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-183

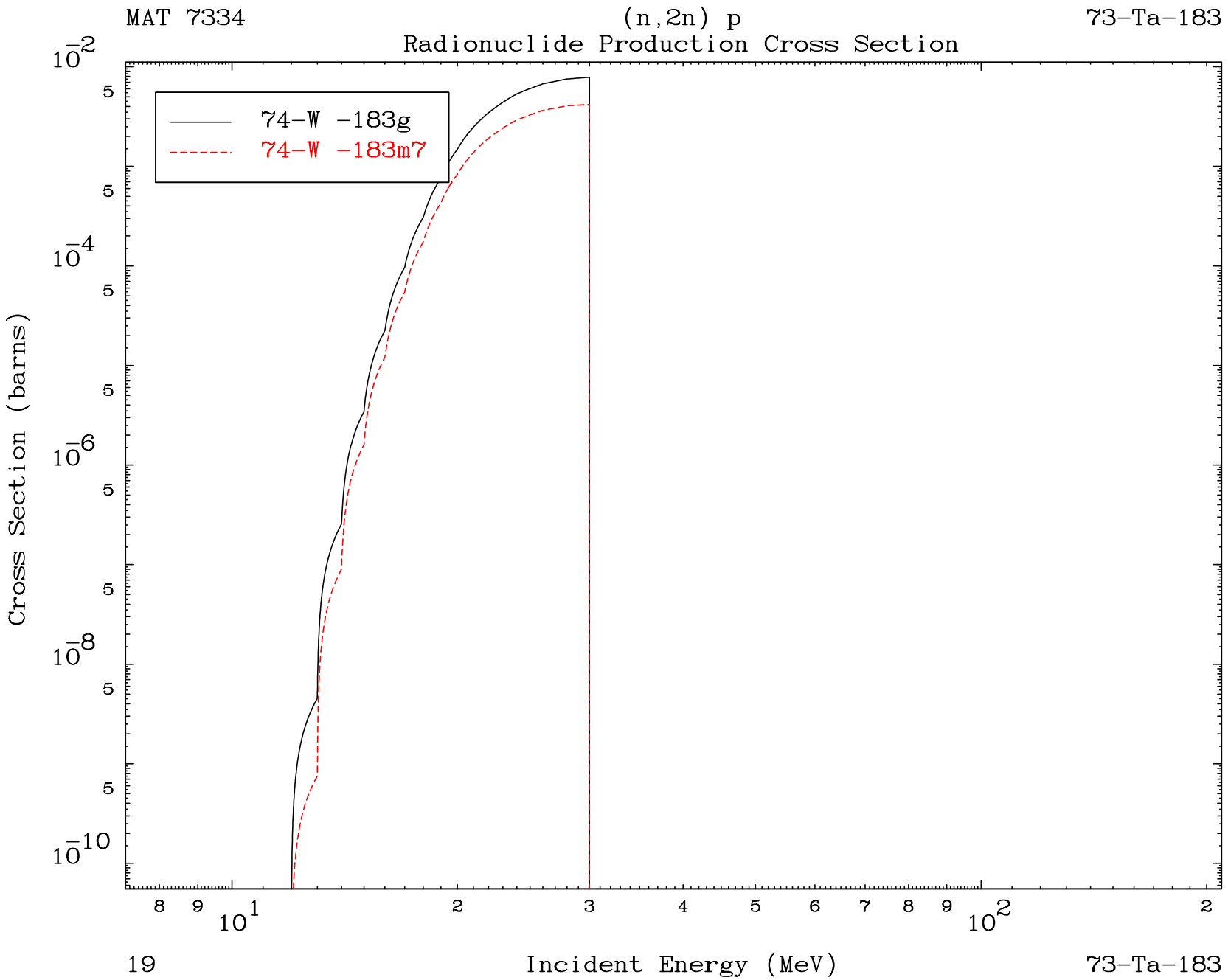

MAT 7334
(n,2n) α
73-Ta-183
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-183

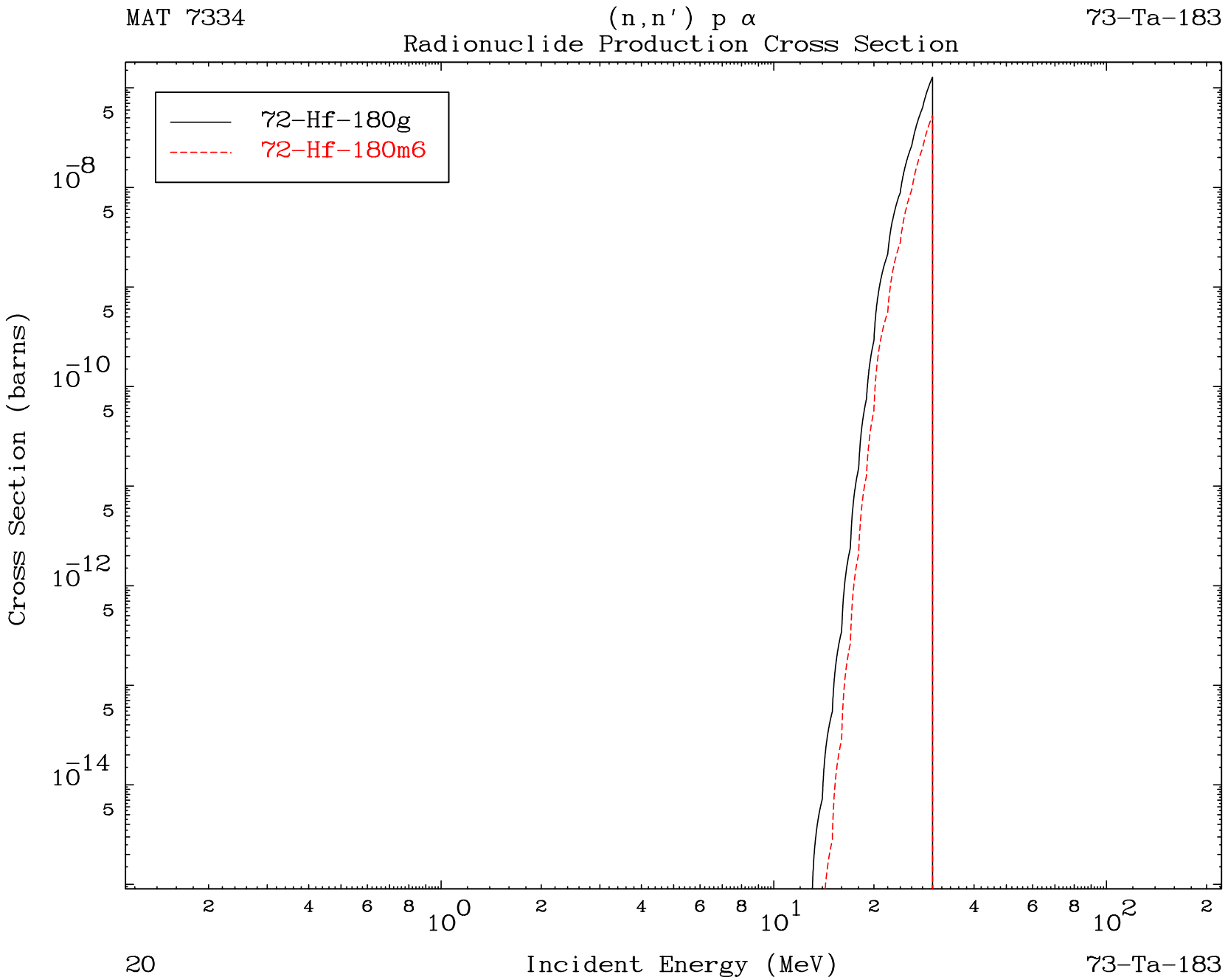

MAT 7334
(n,n') 2α
73-Ta-183
Radionuclide Production Cross Section
71-Lu-177g
71-Lu-177m29
Cross Section (barns)
Incident Energy (MeV)
15
73-Ta-183

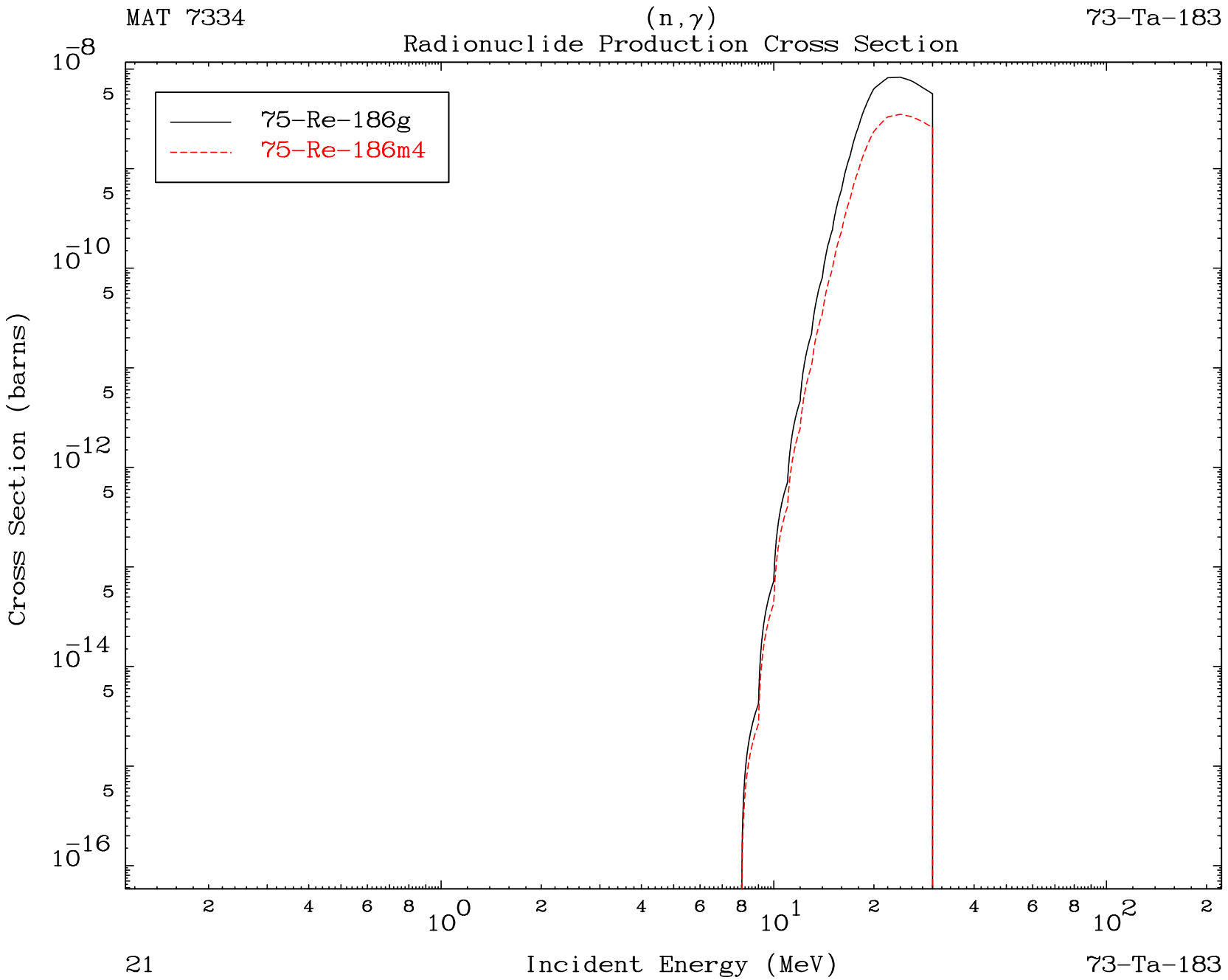

MAT 7334
(n,n') d
73-Ta-183
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
Cross Section (barns)
Incident Energy (MeV)
16
73-Ta-183

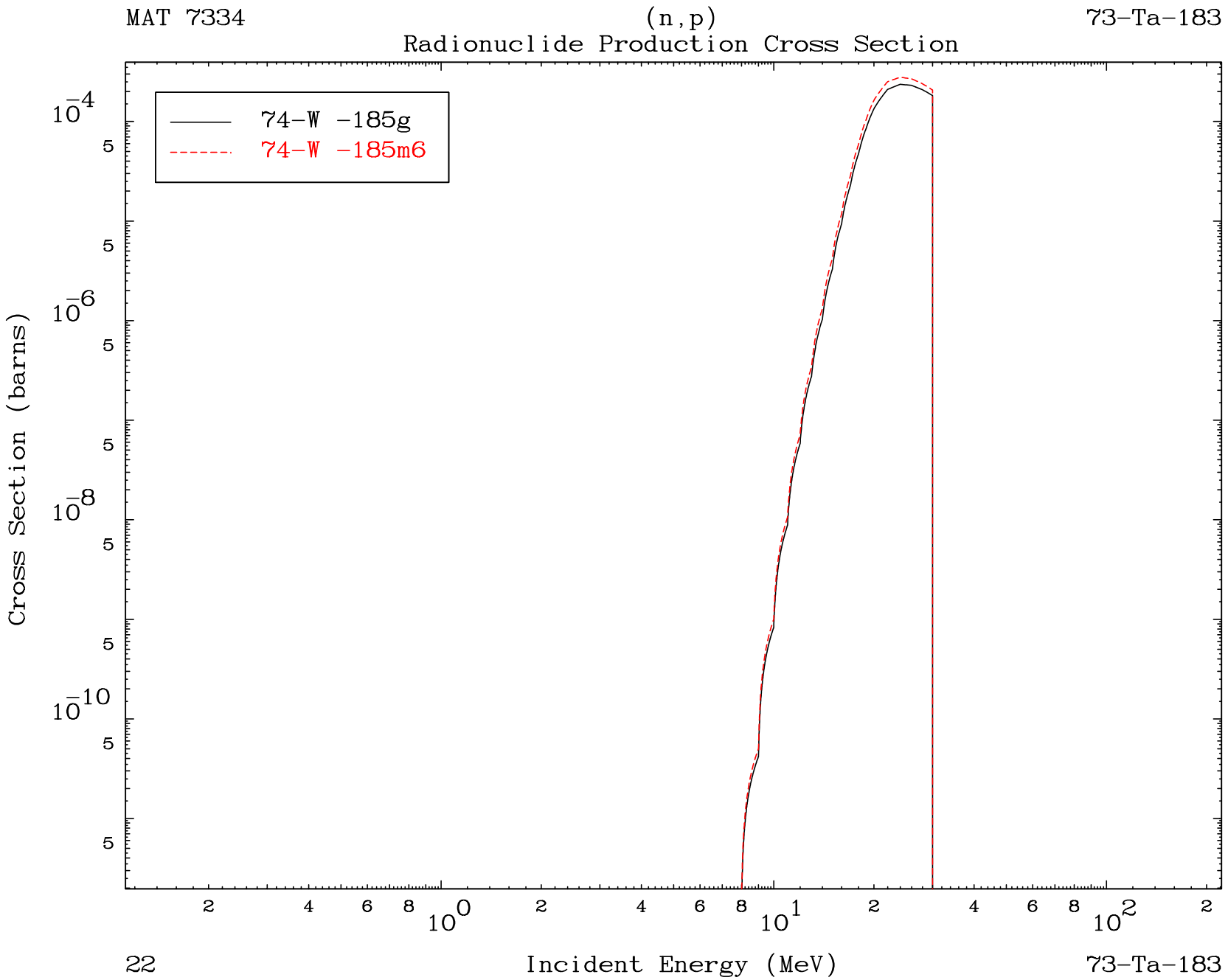

MAT 7334
(n,n') He-3
73-Ta-183
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
17
73-Ta-183

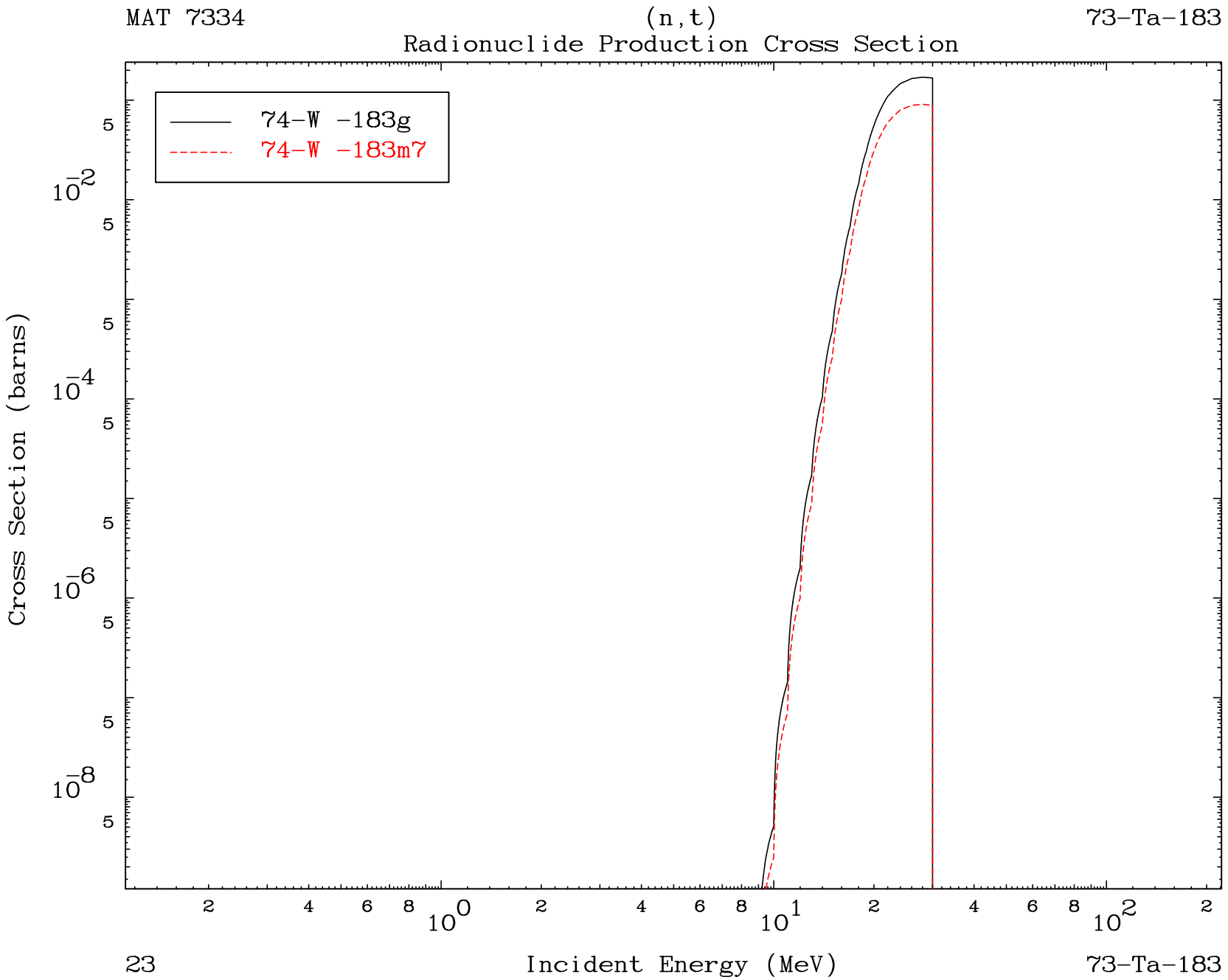

MAT 7334
(n,4n)
73-Ta-183
Radionuclide Production Cross Section
75-Re-182g
75-Re-182m2
Cross Section (barns)
Incident Energy (MeV)
18
73-Ta-183

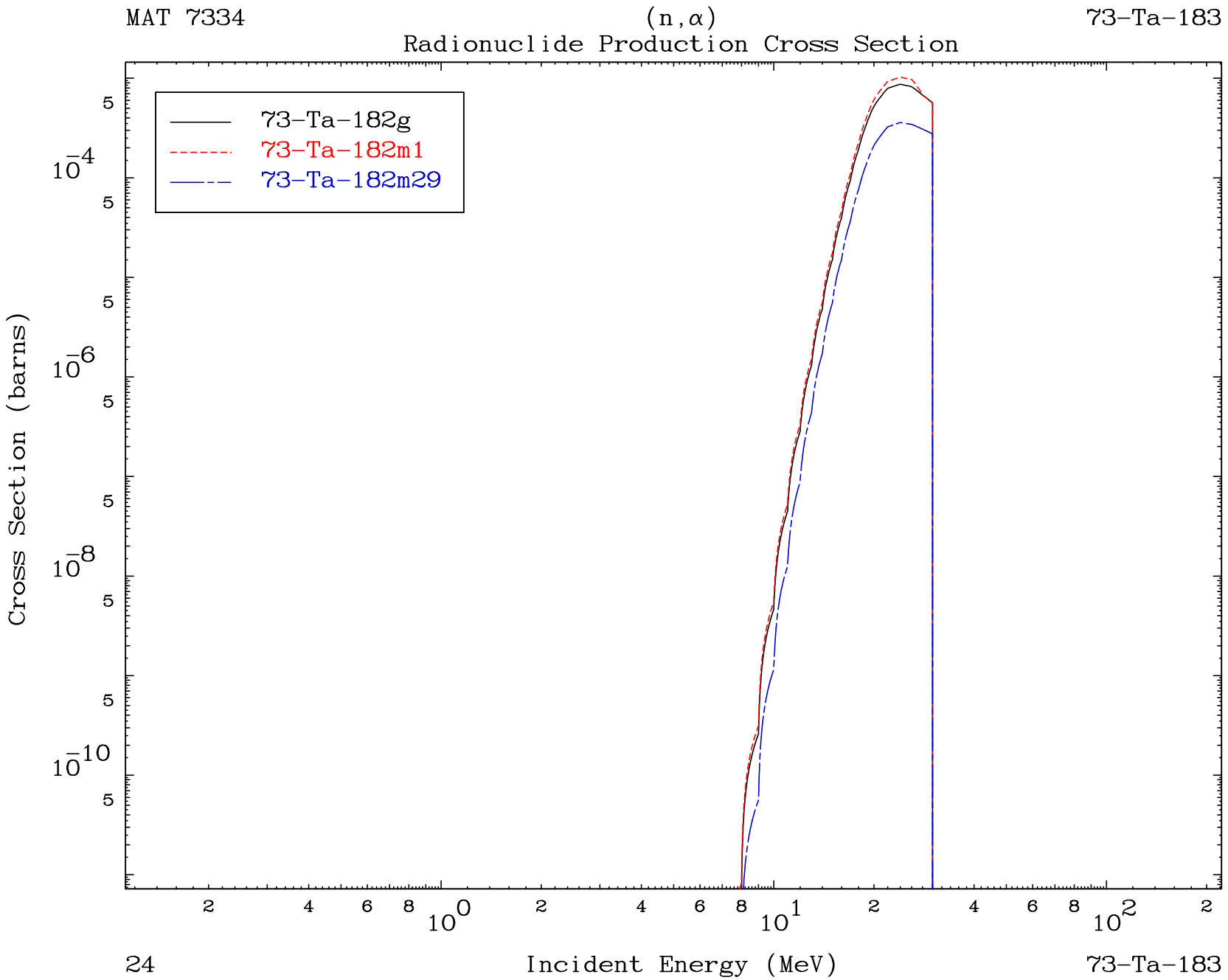

MAT 7334
(n,2n) p
73-Ta-183
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
Cross Section (barns)
Incident Energy (MeV)
19
73-Ta-183

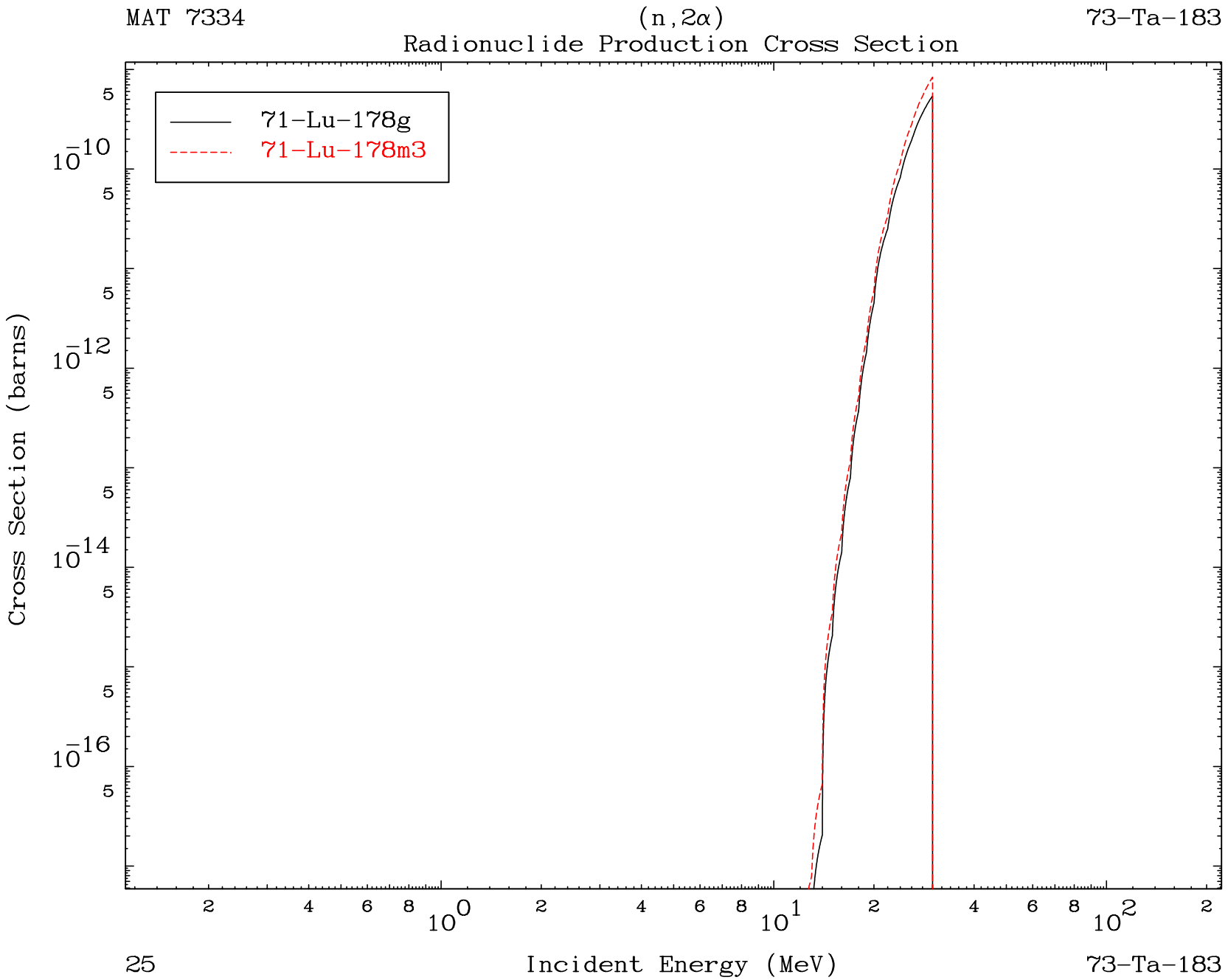

MAT 7334
(n,n') p α
73-Ta-183
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m6
Cross Section (barns)
10-8
10-10
10-12
10-14
5
100
101
102
2
4
6
8
Incident Energy (MeV)
20
73-Ta-183

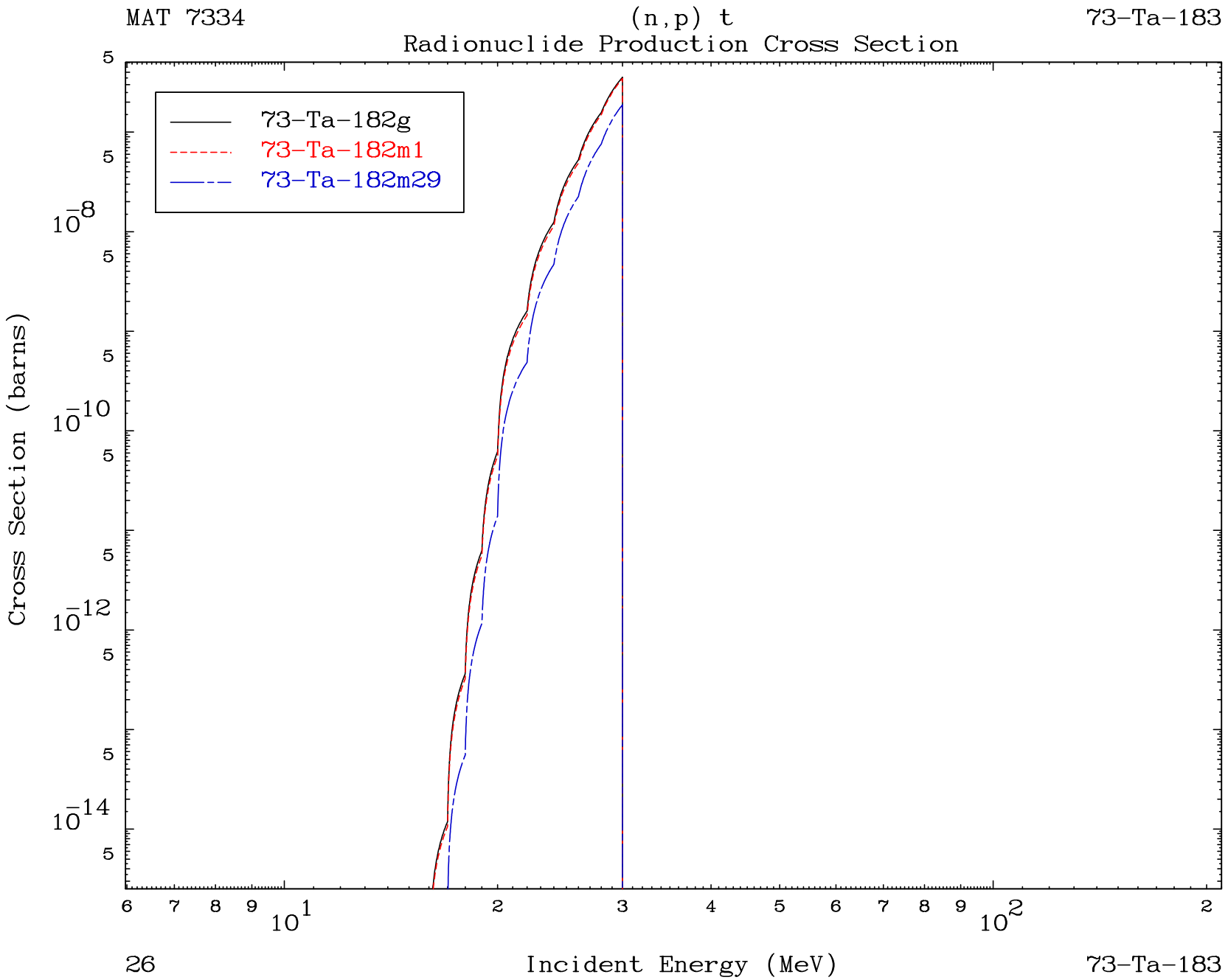

MAT 7334
(n,γ)
73-Ta-183
Radionuclide Production Cross Section
75-Re-186g
75-Re-186m4
Cross Section (barns)
Incident Energy (MeV)
21
73-Ta-183

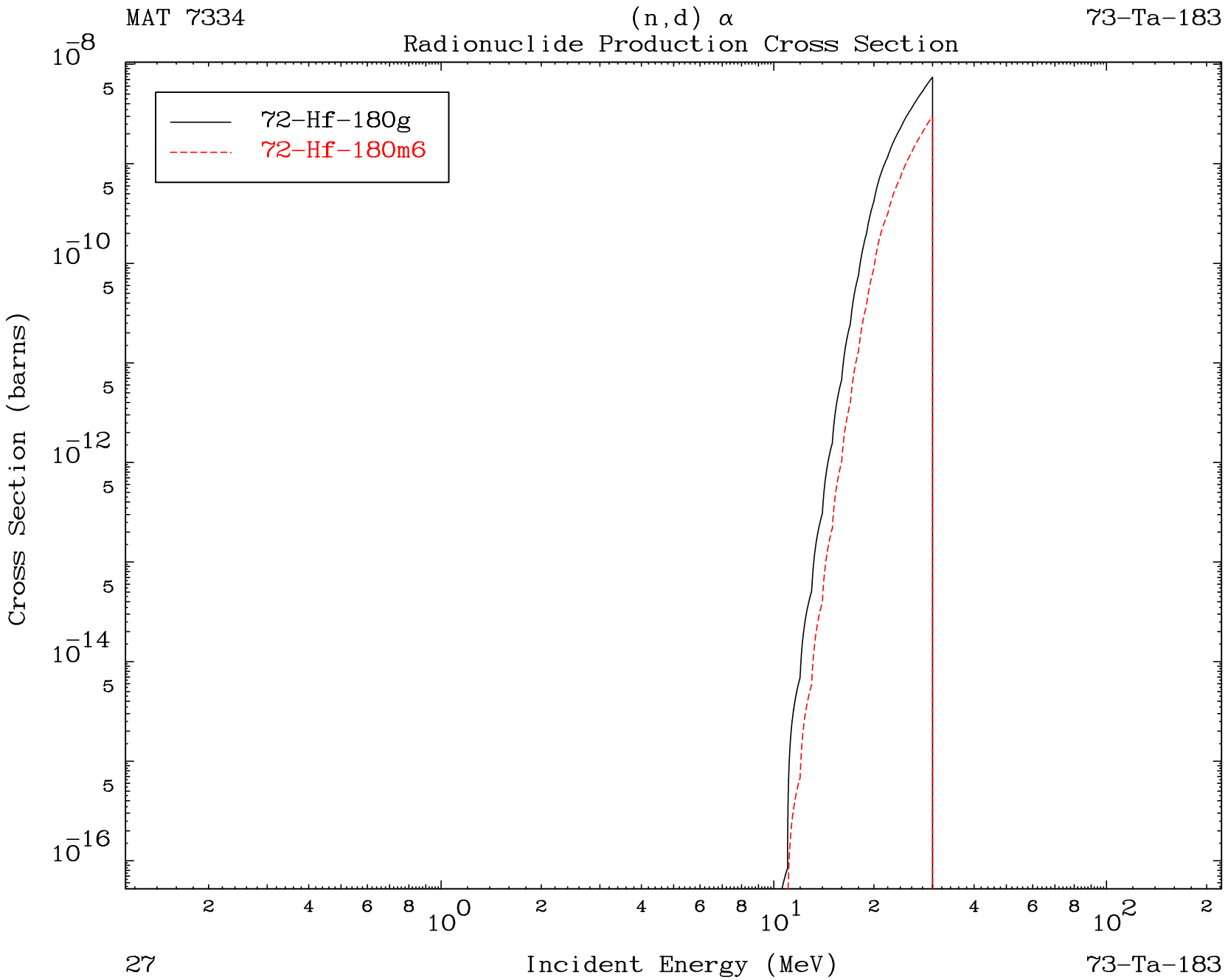

MAT 7334
(n,p)
73-Ta-183
Radionuclide Production Cross Section
74-W -185g
74-W -185m6
Cross Section (barns)
Incident Energy (MeV)
22
73-Ta-183


MAT 7334
(n,t)
73-Ta-183
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
Cross Section (barns)
Incident Energy (MeV)
23
73-Ta-183


MAT 7334
(n,α)
73-Ta-183
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
24
73-Ta-183


MAT 7334
(n,2α)
73-Ta-183
Radionuclide Production Cross Section
71-Lu-178g
71-Lu-178m3
Cross Section (barns)
Incident Energy (MeV)
25
73-Ta-183


MAT 7334
(n,p) t
73-Ta-183
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
26
73-Ta-183


MAT 7334
(n,d) α
73-Ta-183
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m6
Cross Section (barns)
Incident Energy (MeV)
27
73-Ta-183