Program EVALPLOT
(Version 2018-1)
by
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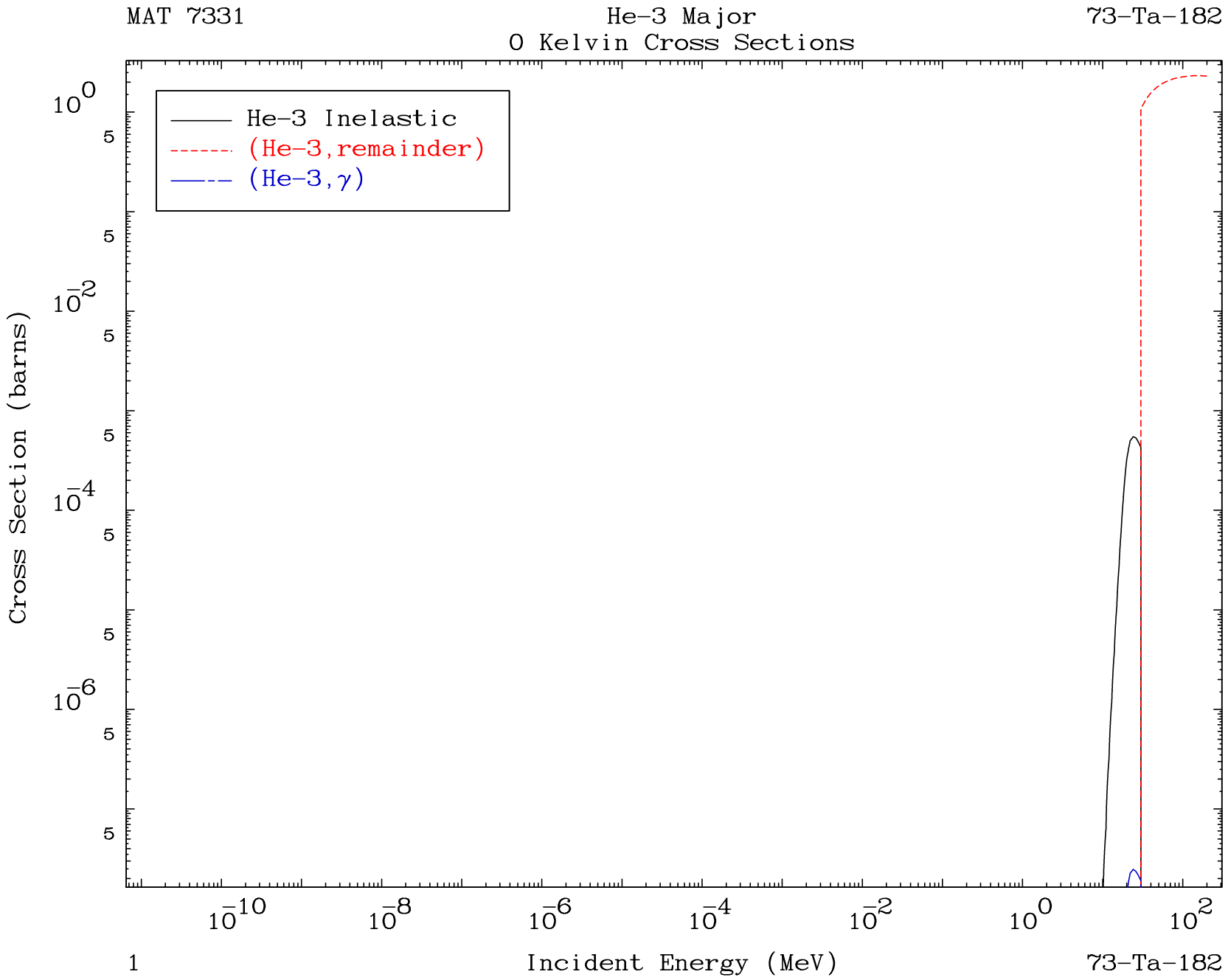
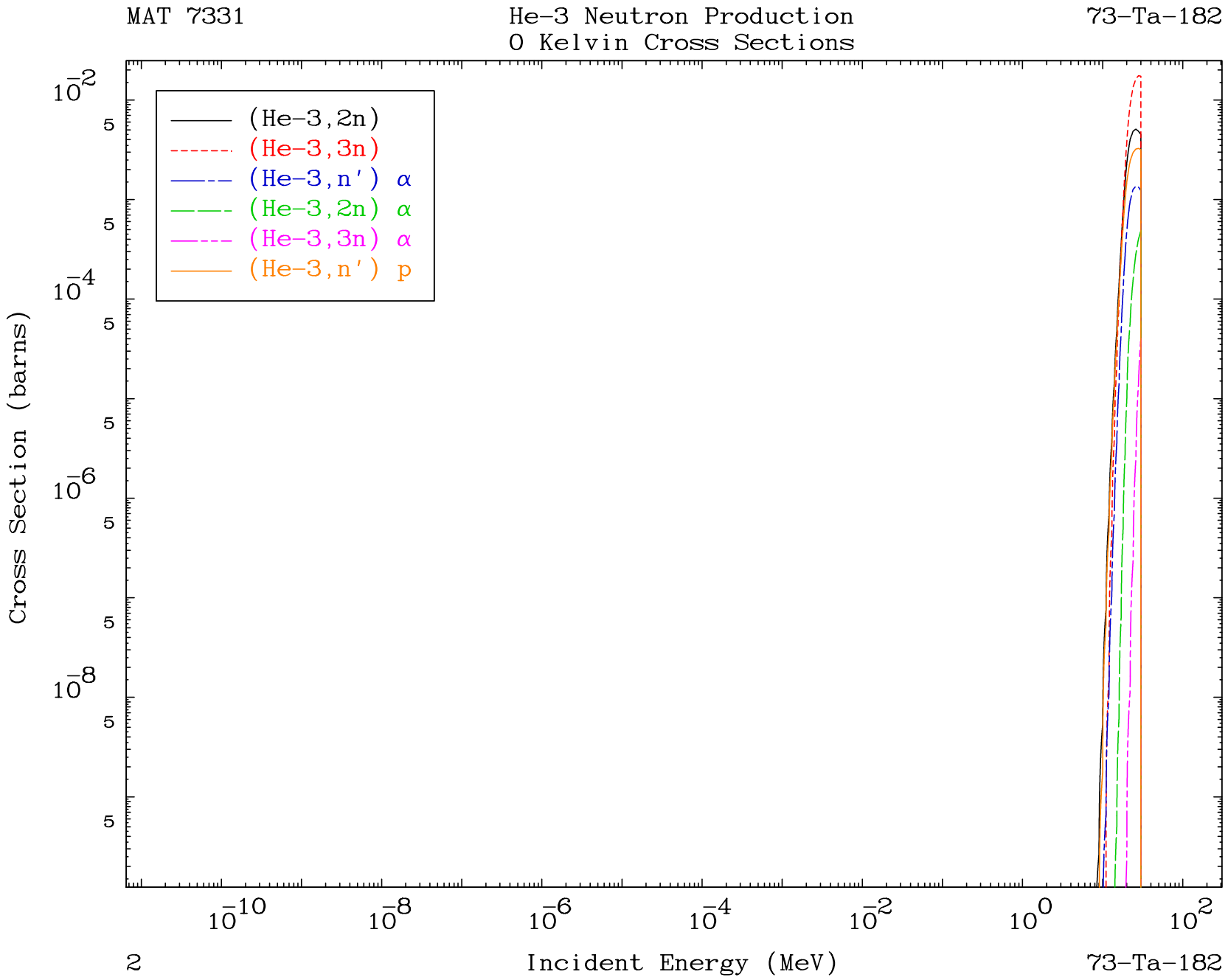
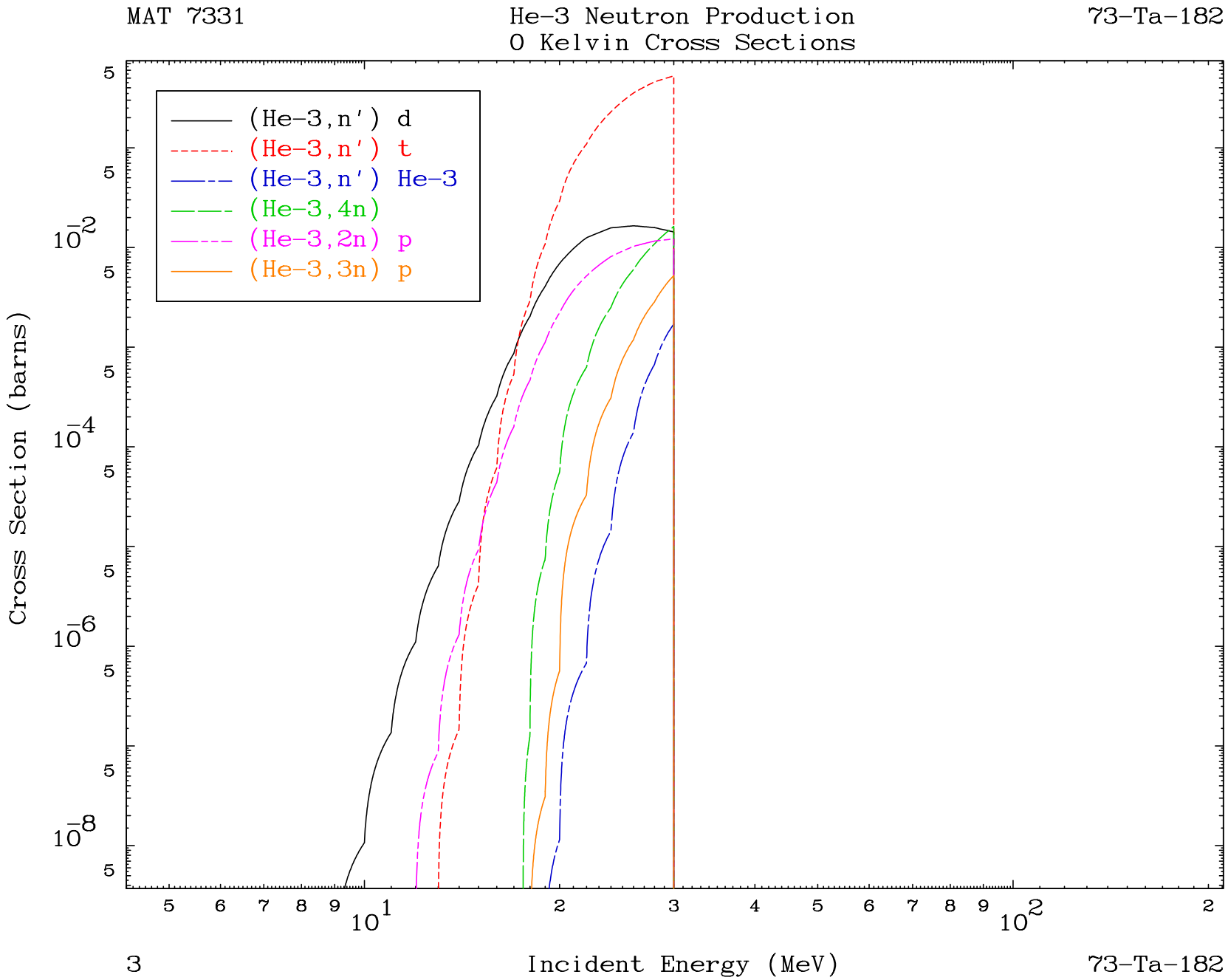
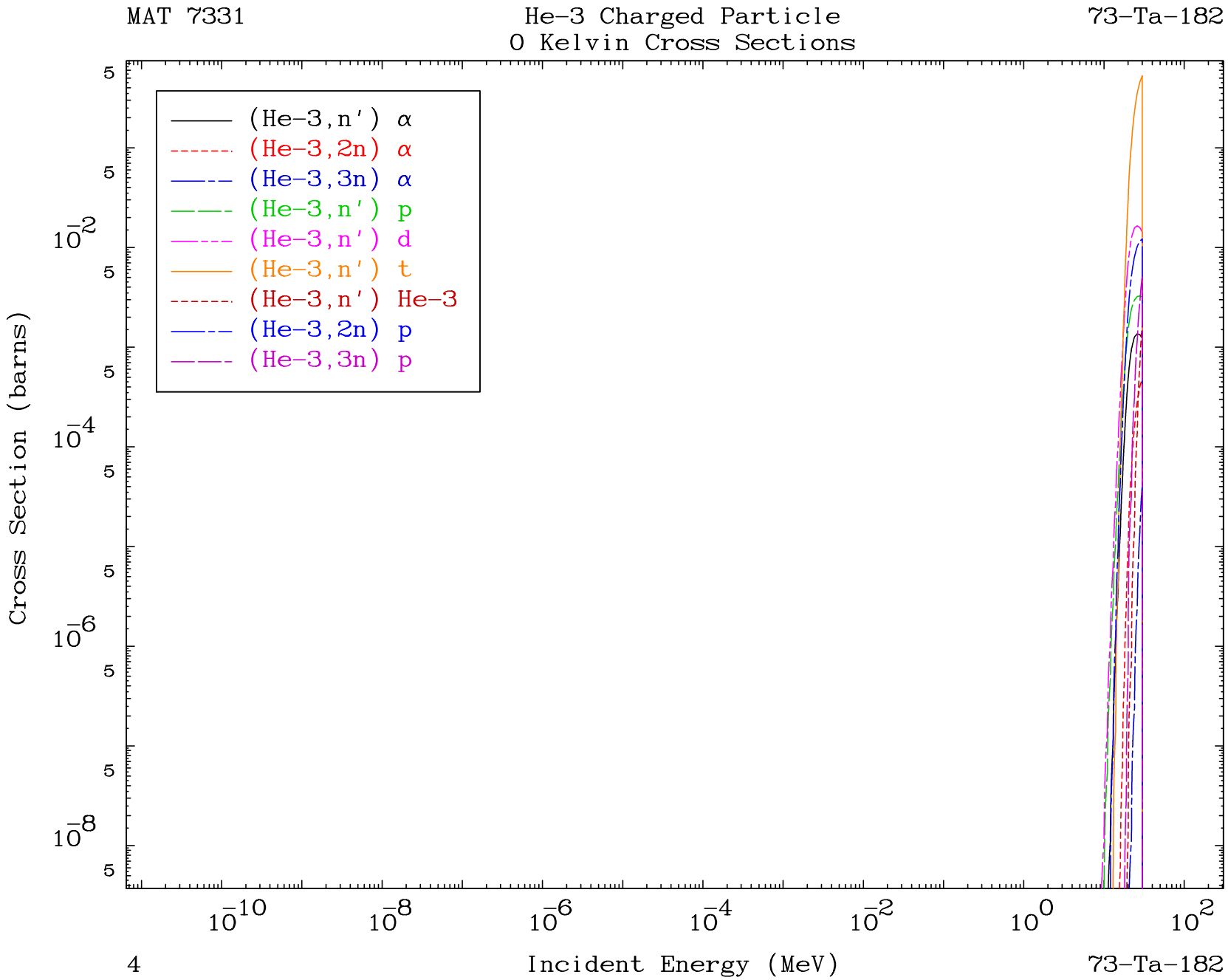
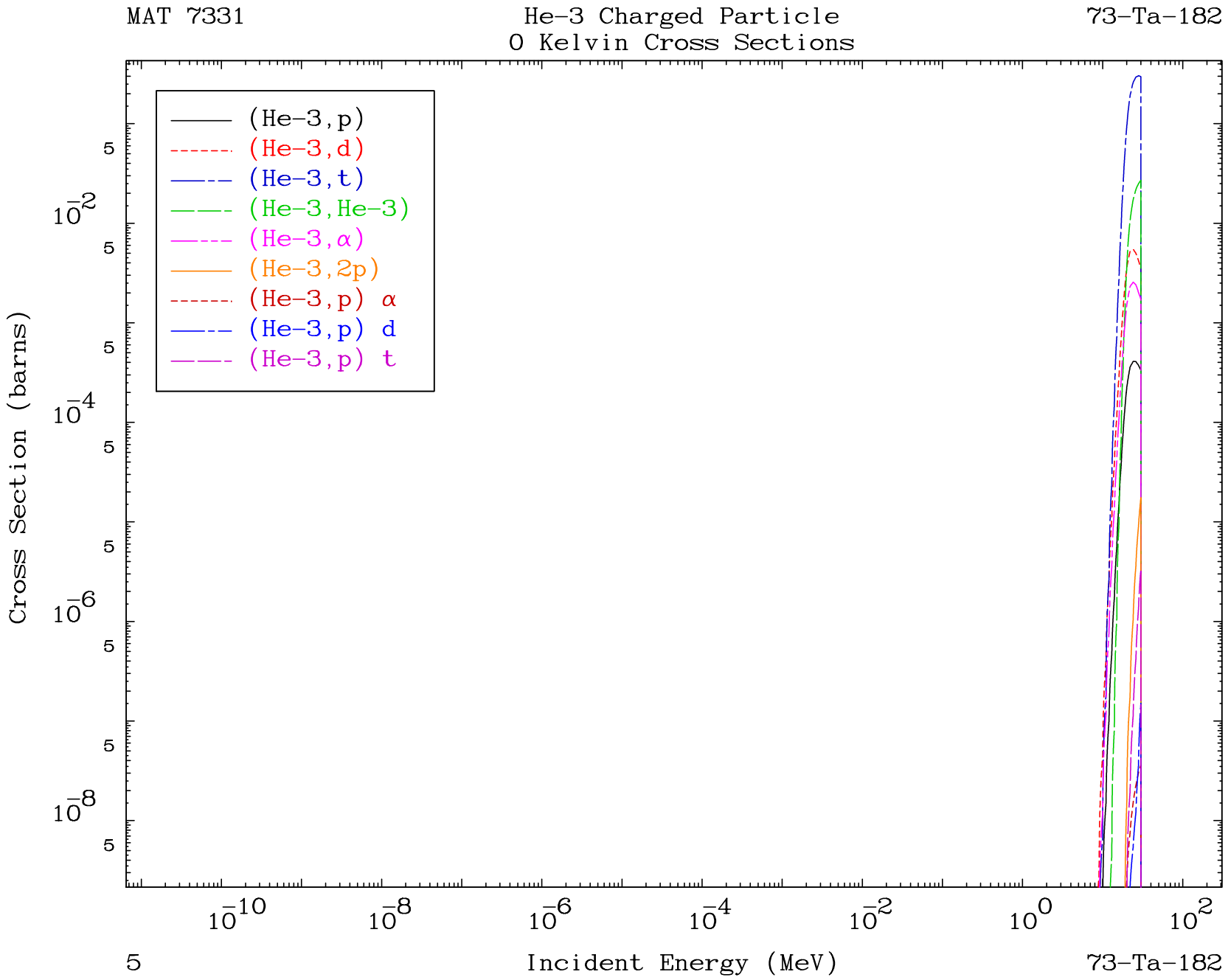
Press Mouse Button to Start

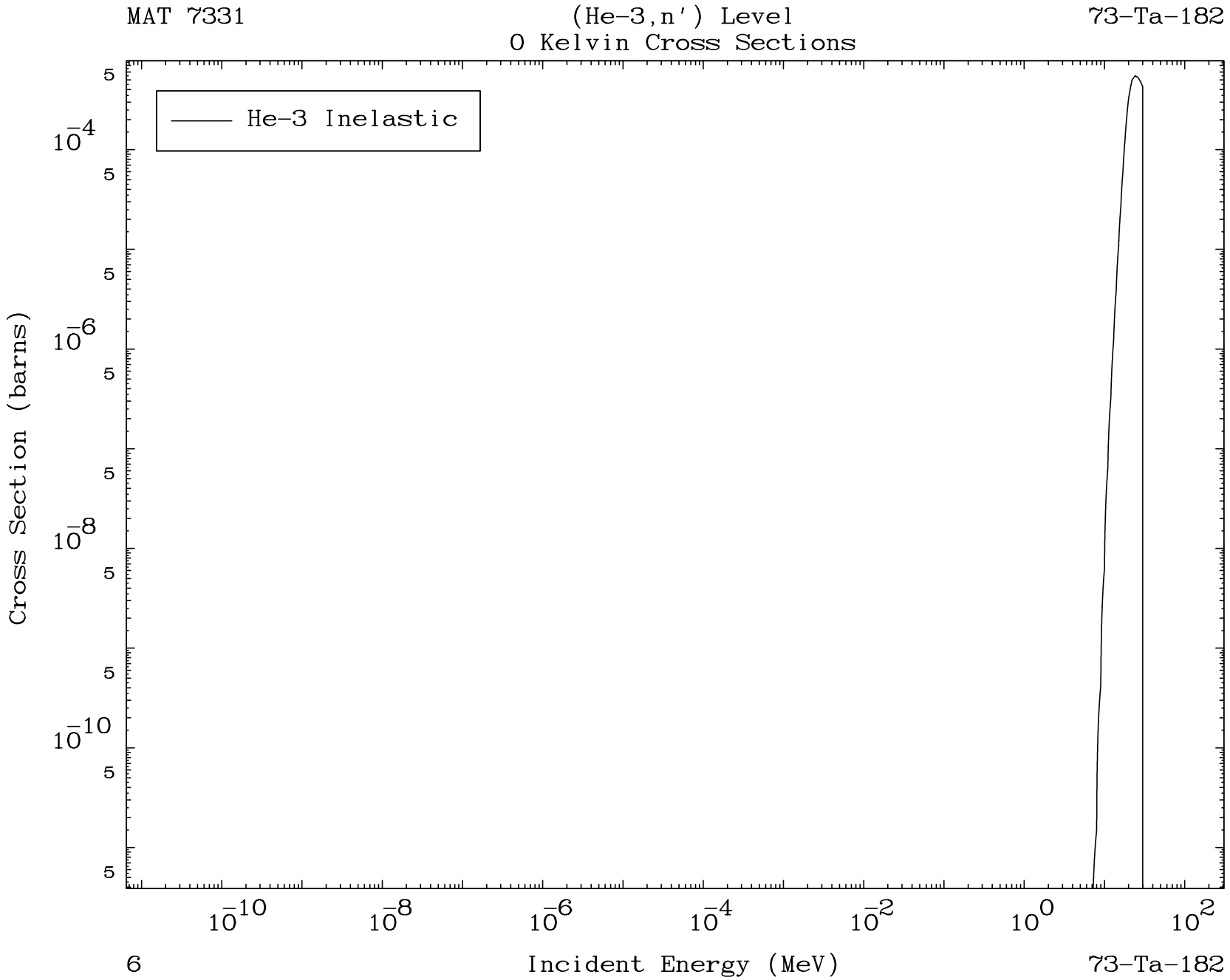

MAT 7331
He-3 Major
73-Ta-182
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
73-Ta-182

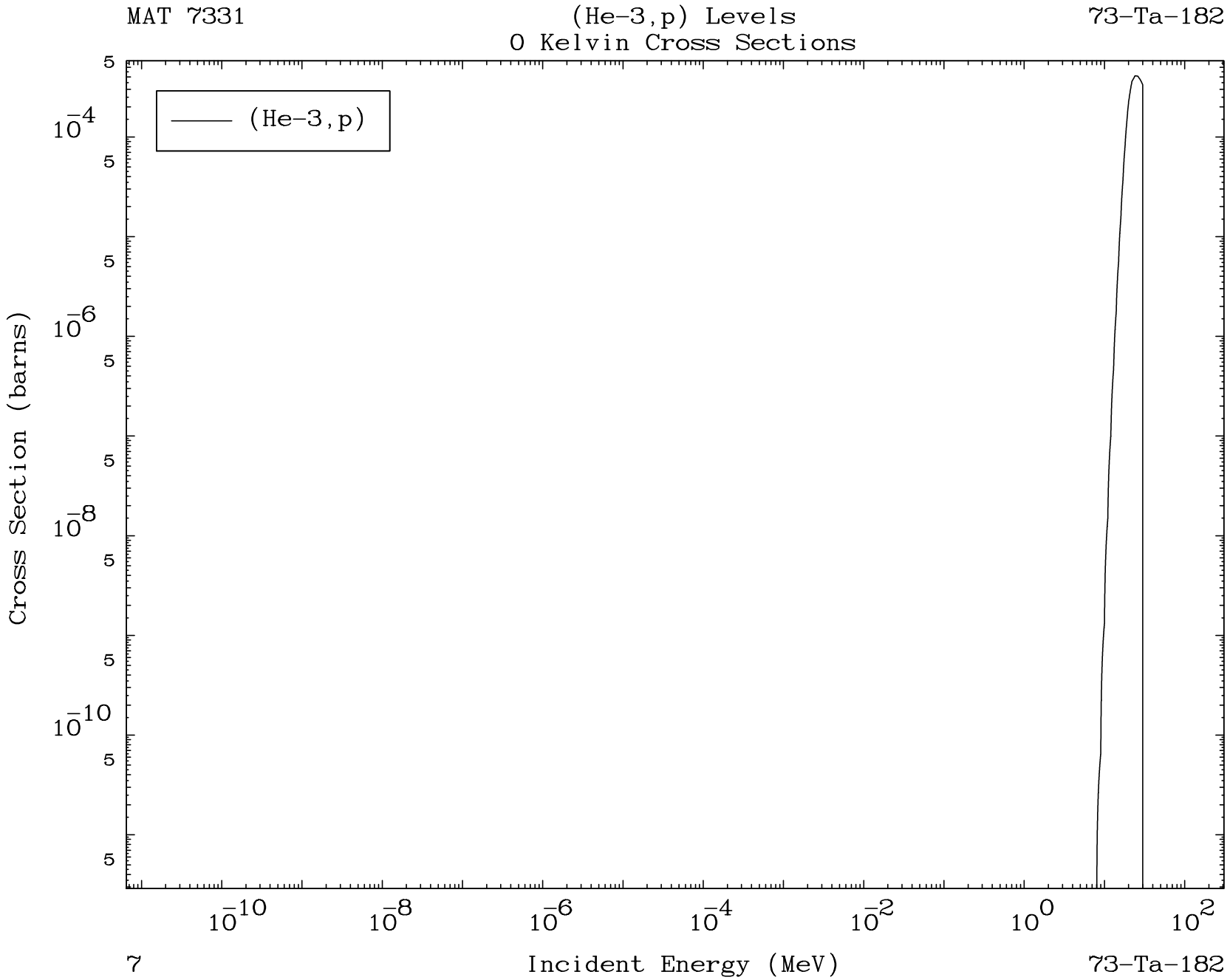

MAT 7331
He-3 Neutron Production
0 Kelvin Cross Sections
73-Ta-182
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
2
73-Ta-182

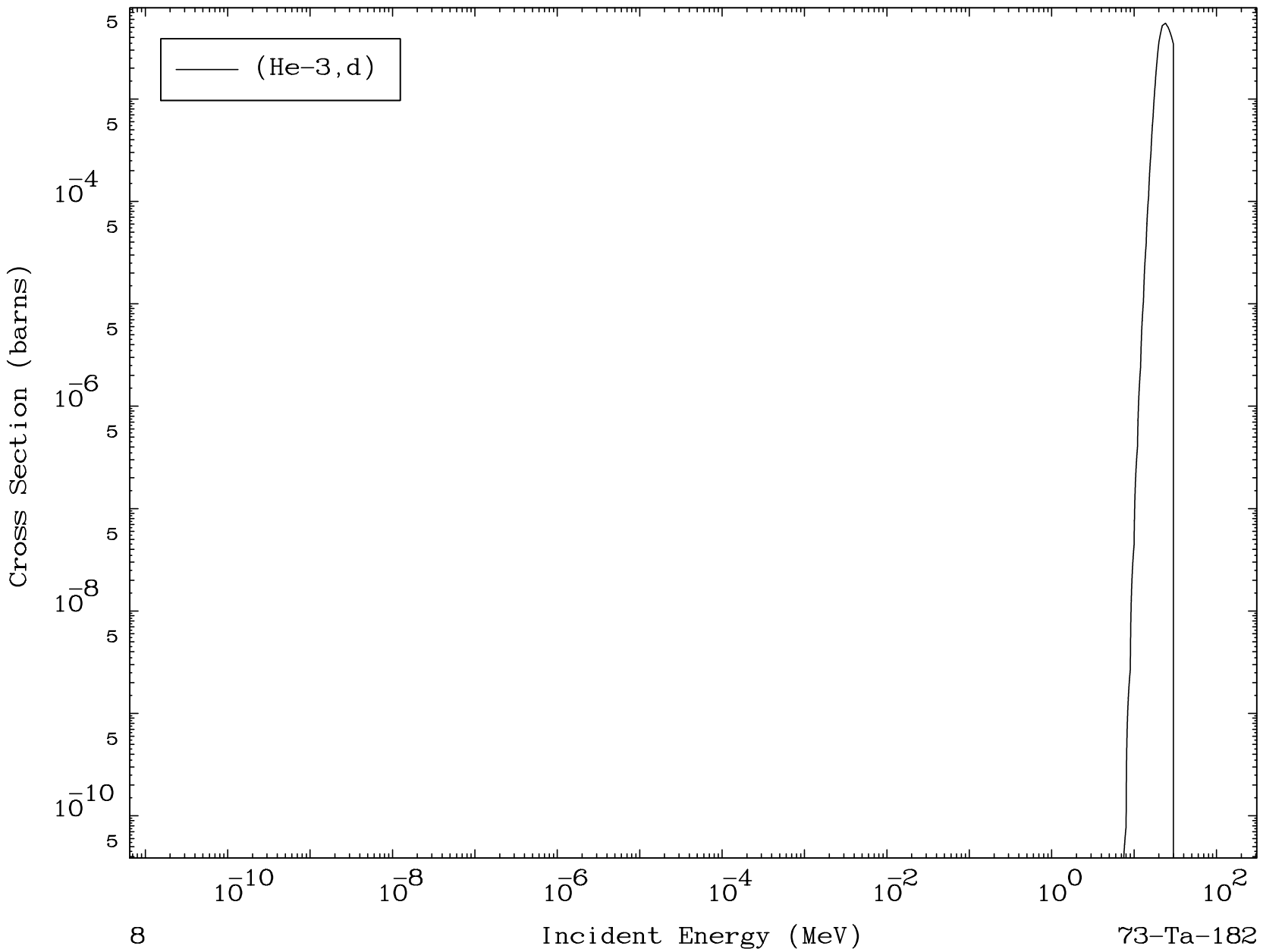

MAT 7331
He-3 Neutron Production
0 Kelvin Cross Sections
73-Ta-182
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-182

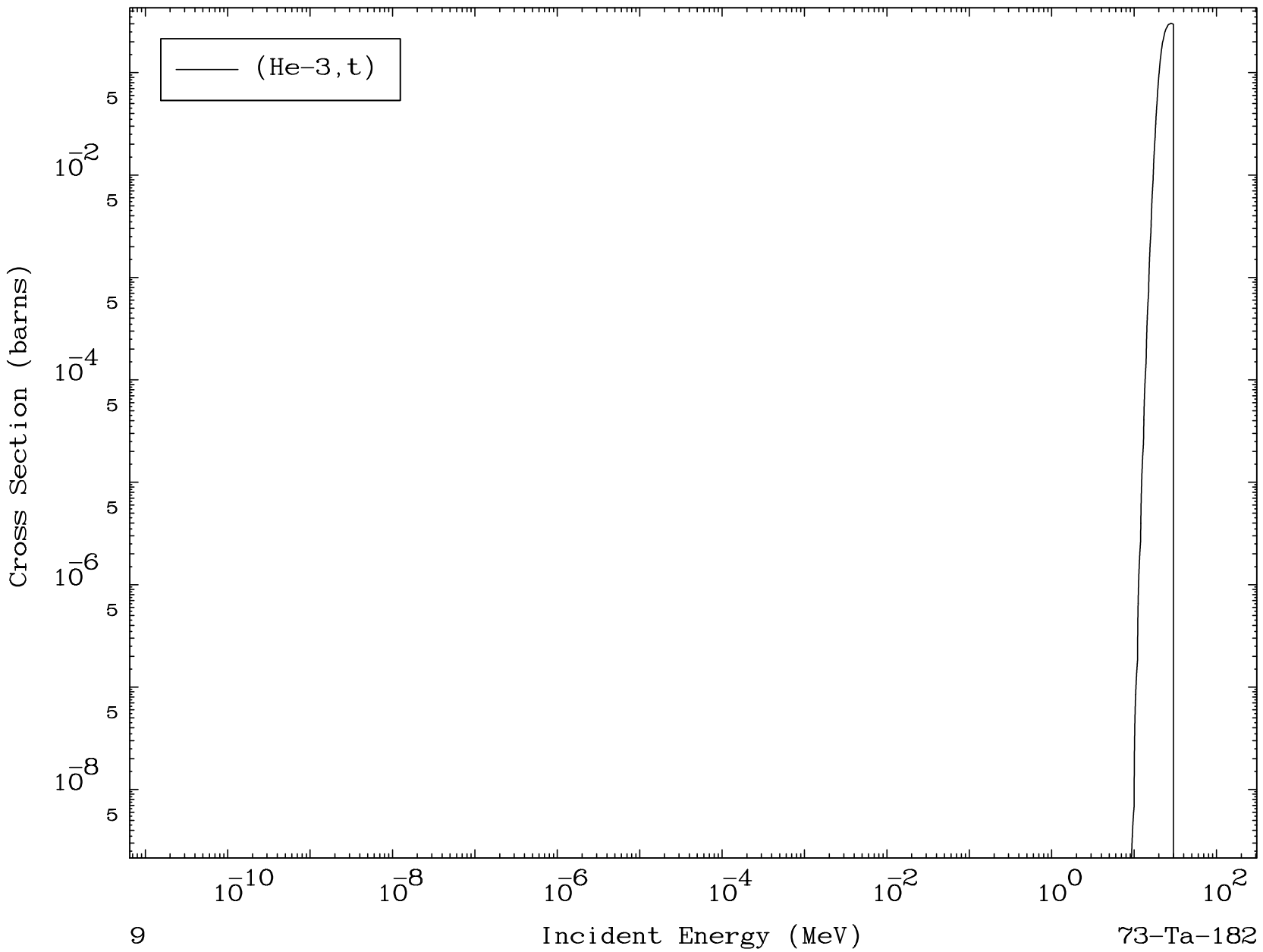

MAT 7331
He-3 Charged Particle
0 Kelvin Cross Sections
73-Ta-182
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-182

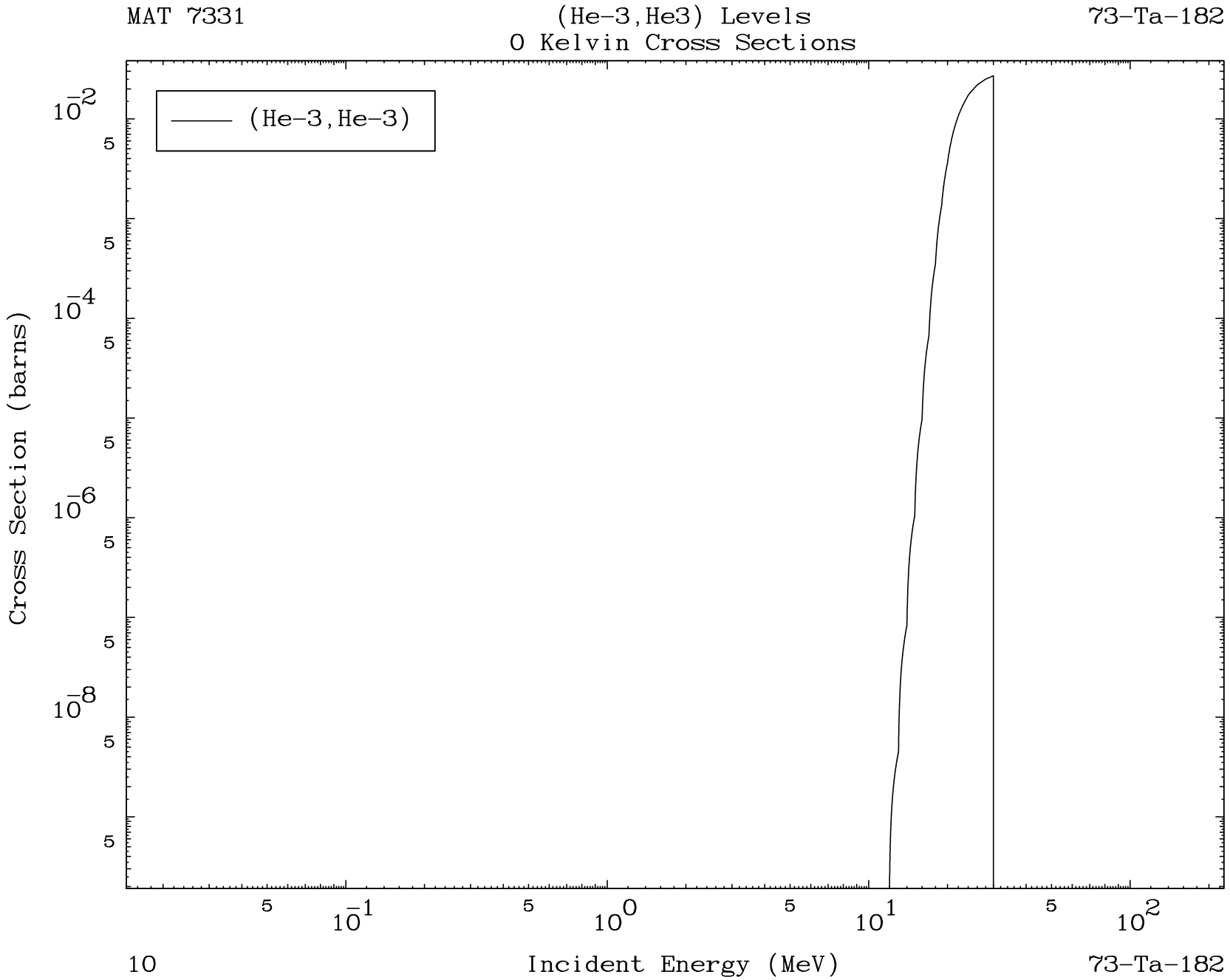

MAT 7331
He-3 Charged Particle
0 Kelvin Cross Sections
73-Ta-182
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
73-Ta-182

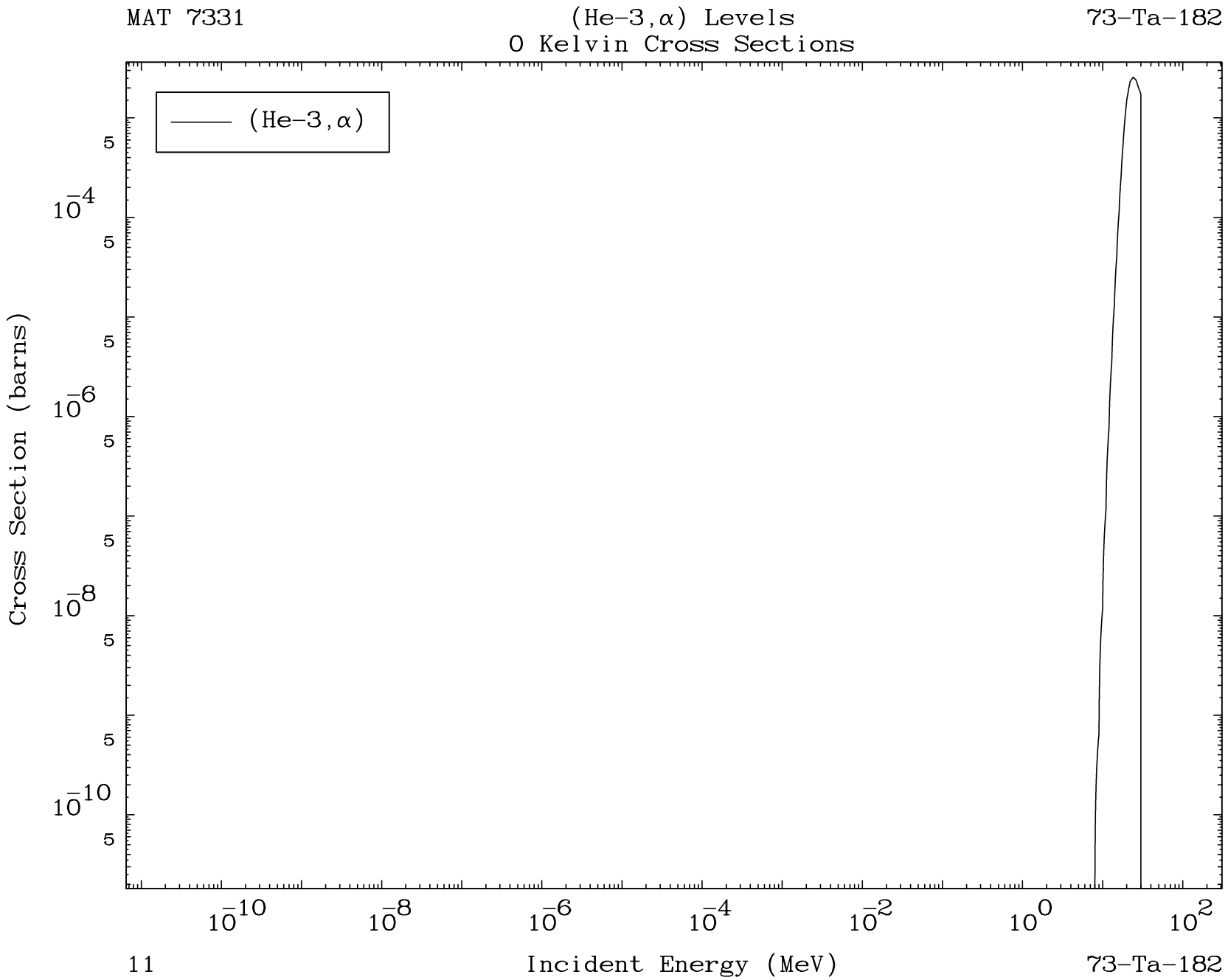

MAT 7331
(He-3,n') Level
73-Ta-182
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-182

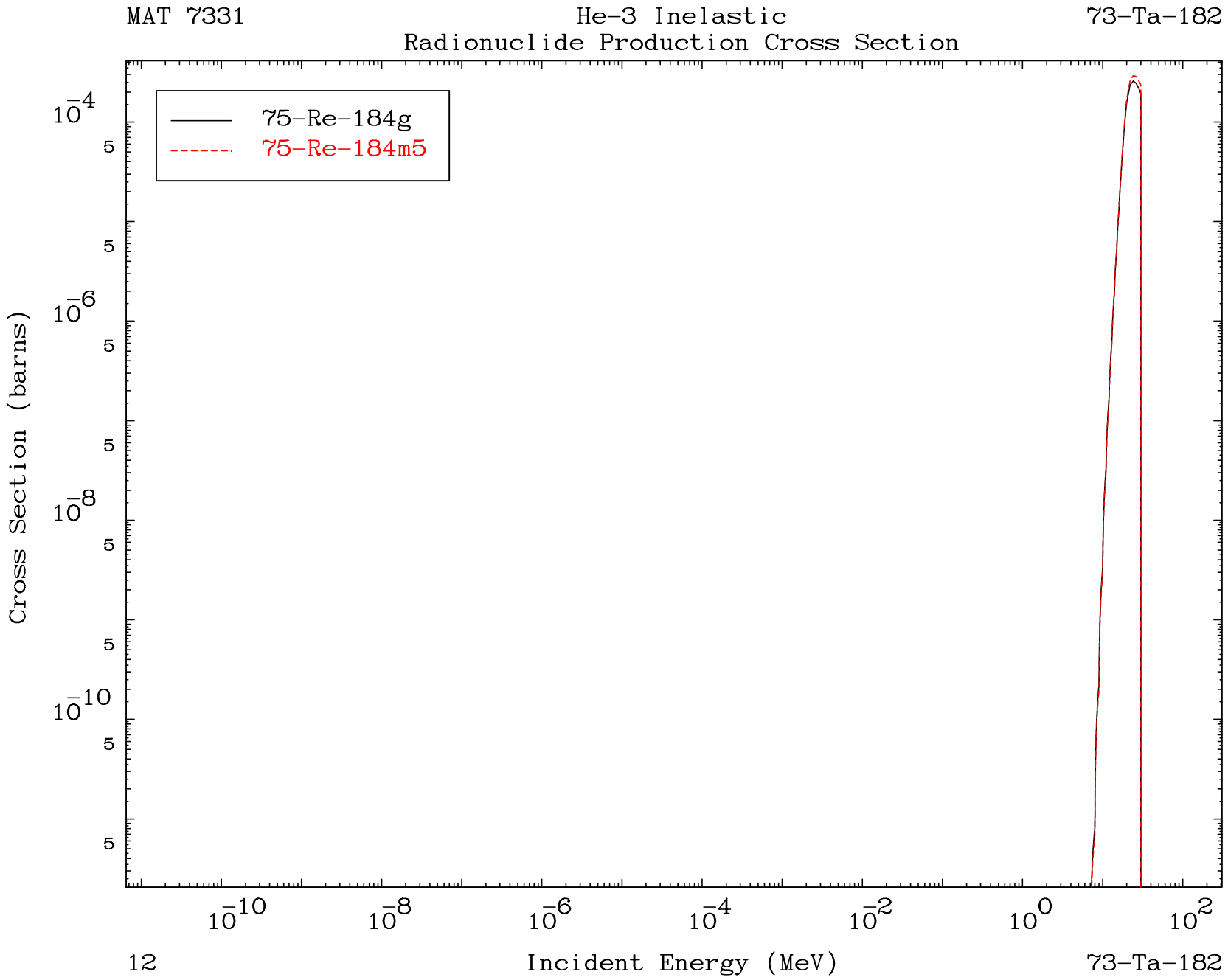

MAT 7331
(He-3,p) Levels
73-Ta-182
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
73-Ta-182

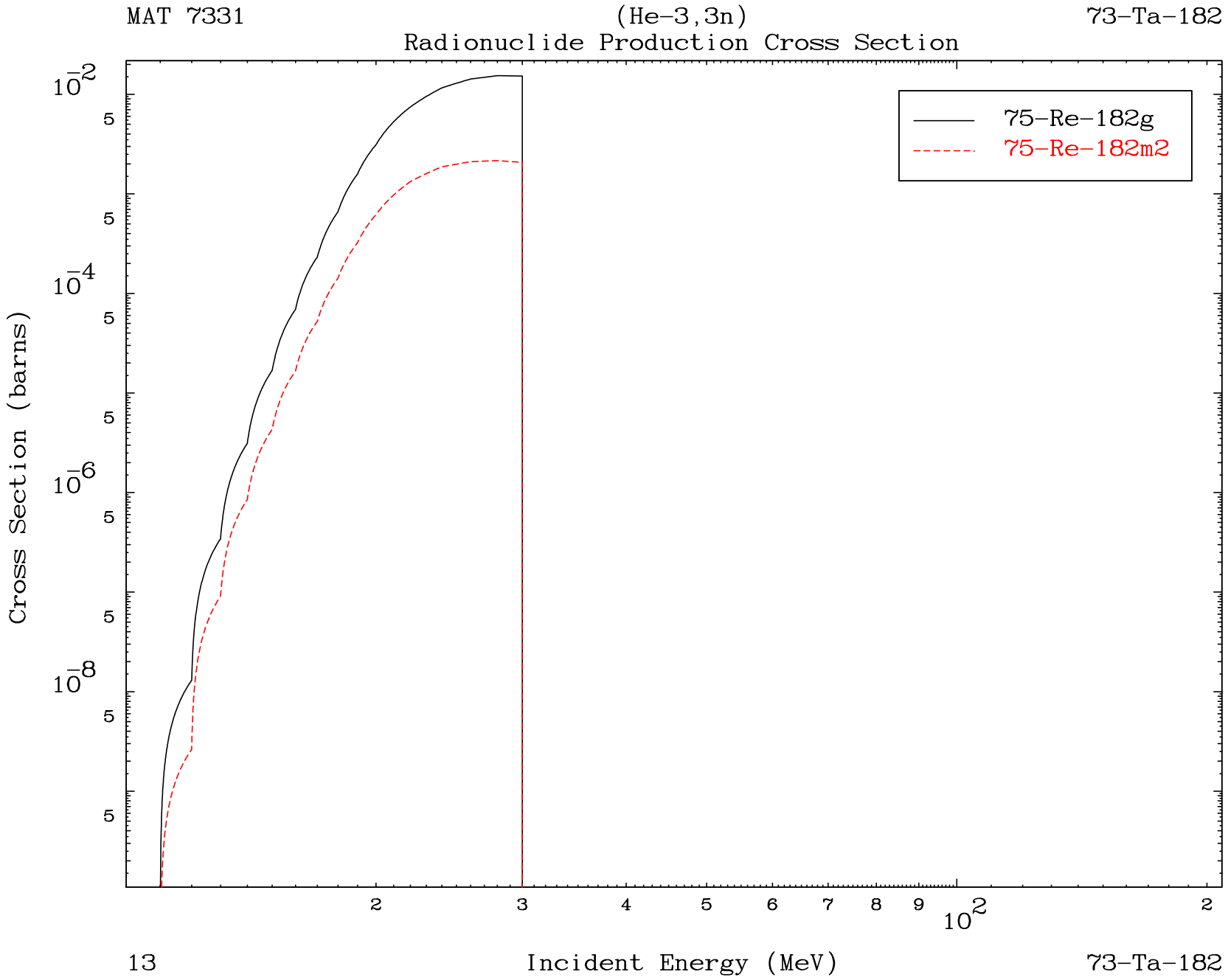

0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
5
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}

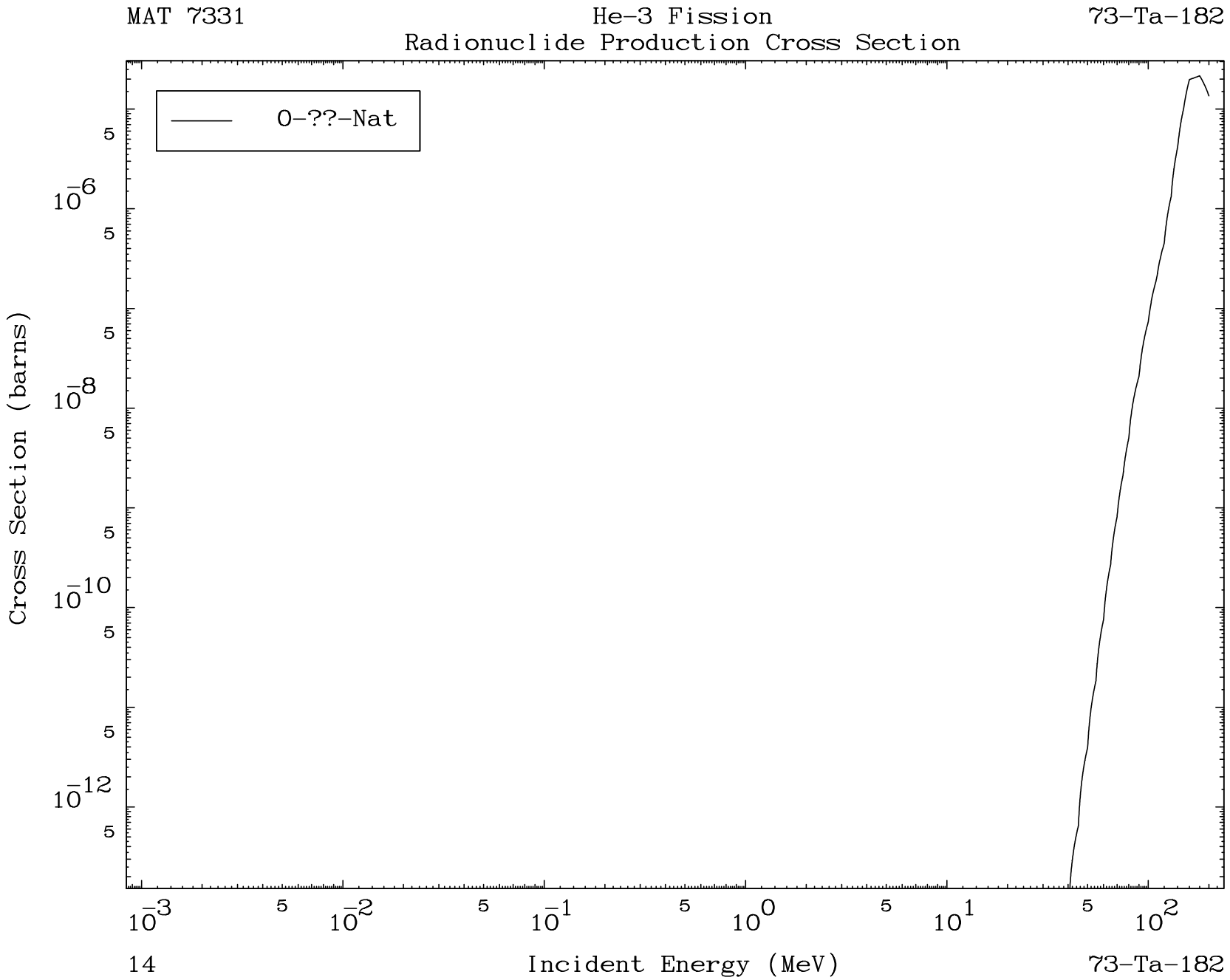

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
5

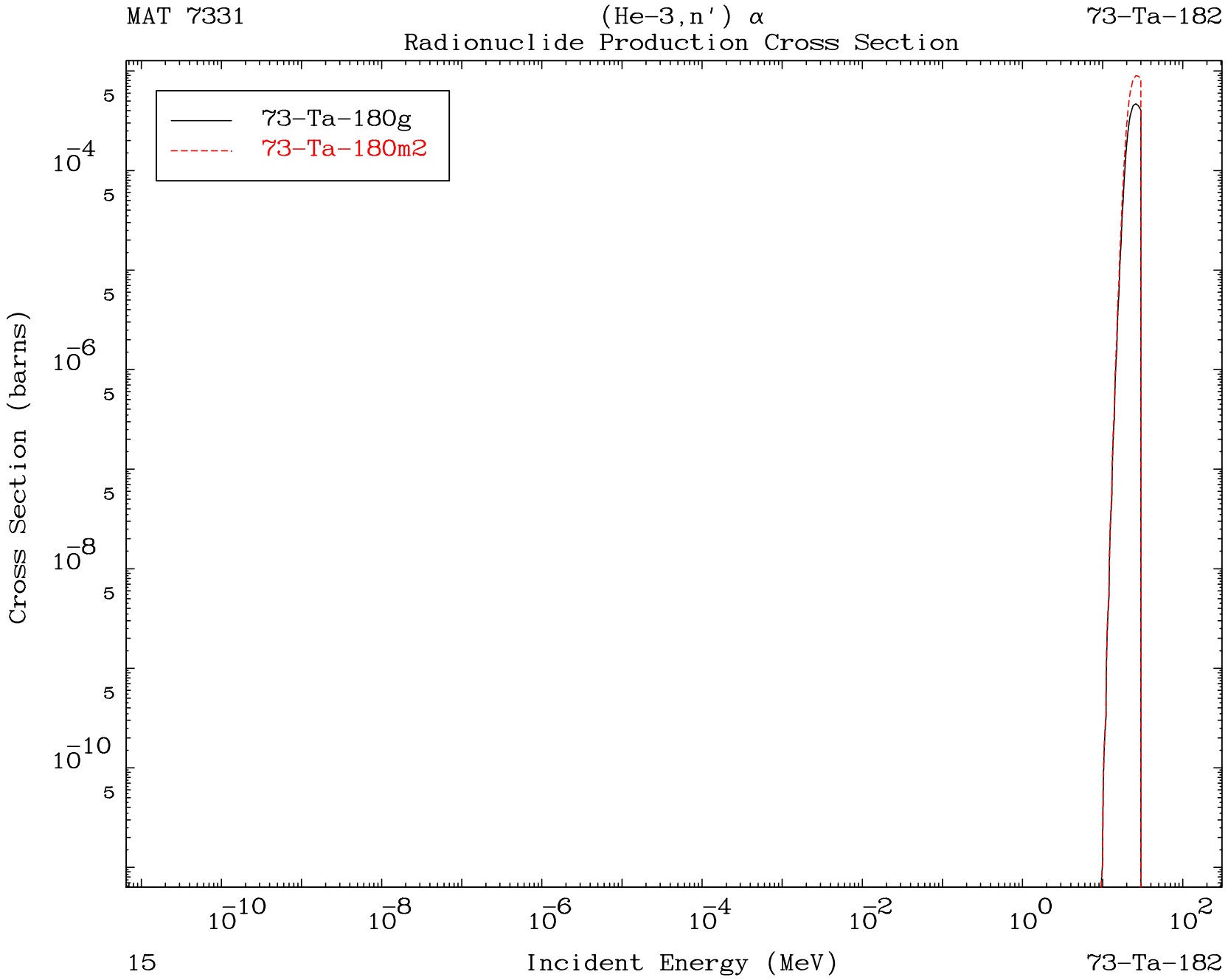

MAT 7331
(He-3,He3) Levels
73-Ta-182
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-182

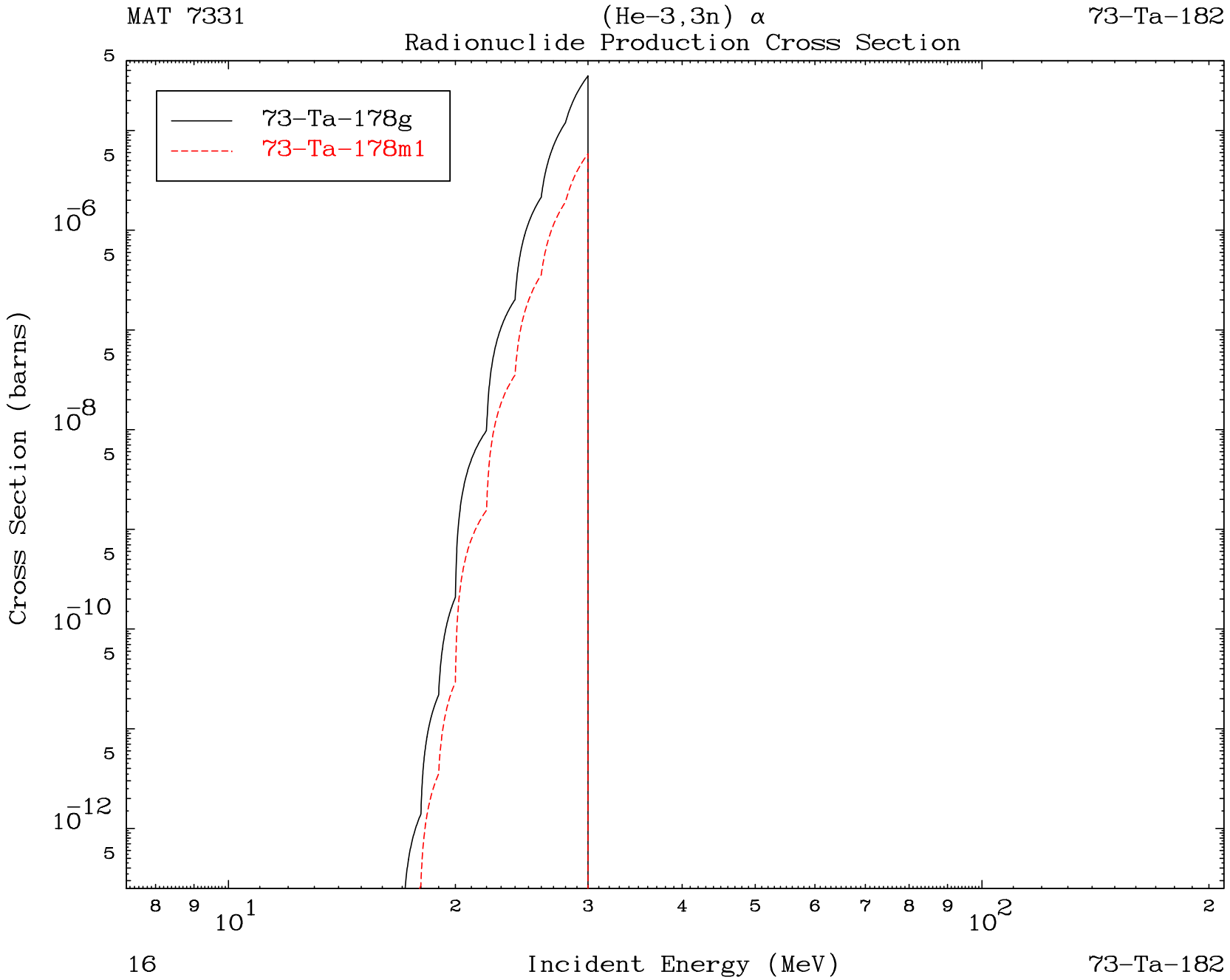

MAT 7331
(He-3,α) Levels
73-Ta-182
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
11
73-Ta-182

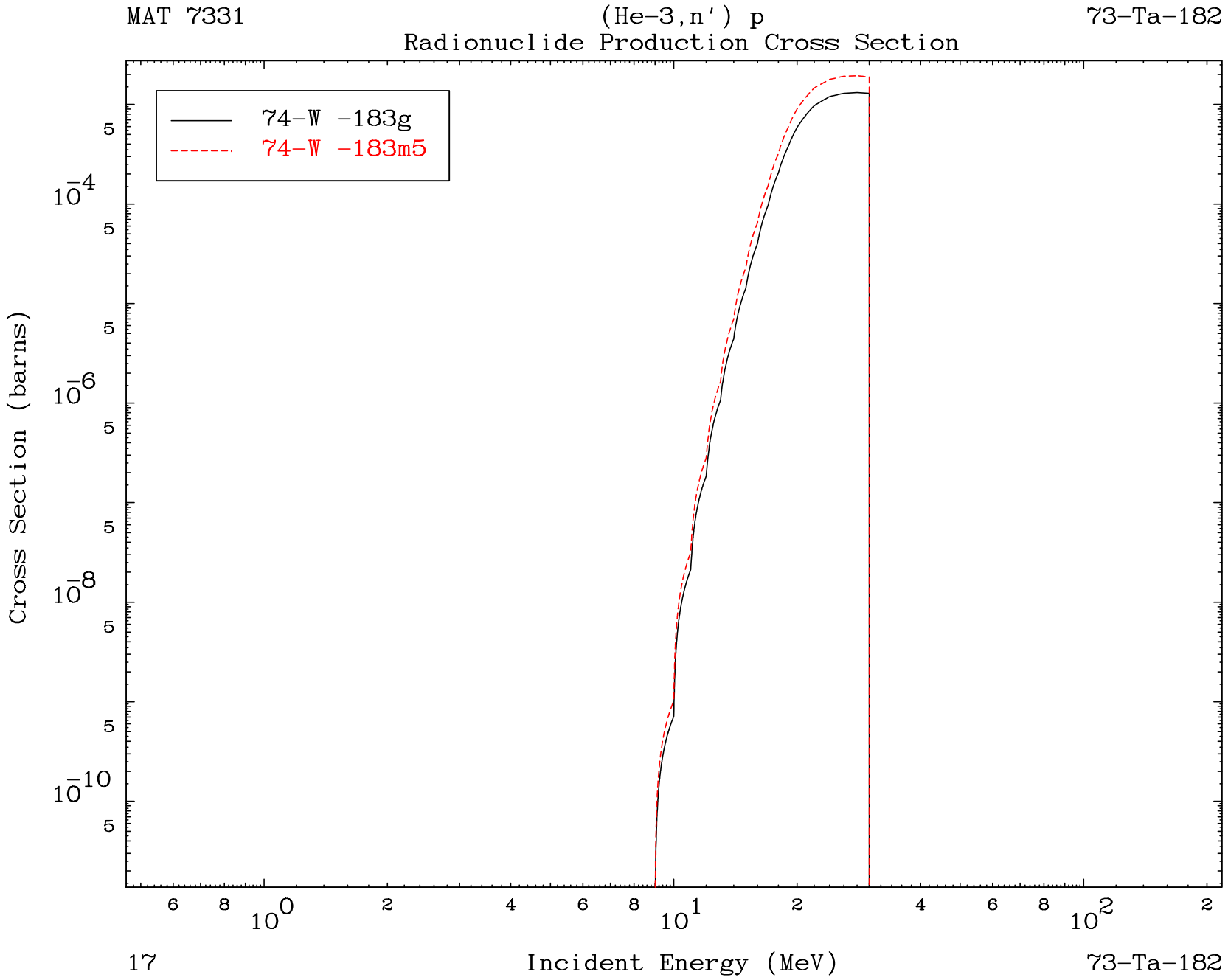

MAT 7331
He-3 Inelastic
73-Ta-182
Radionuclide Production Cross Section
75-Re-184g
75-Re-184m5
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-182

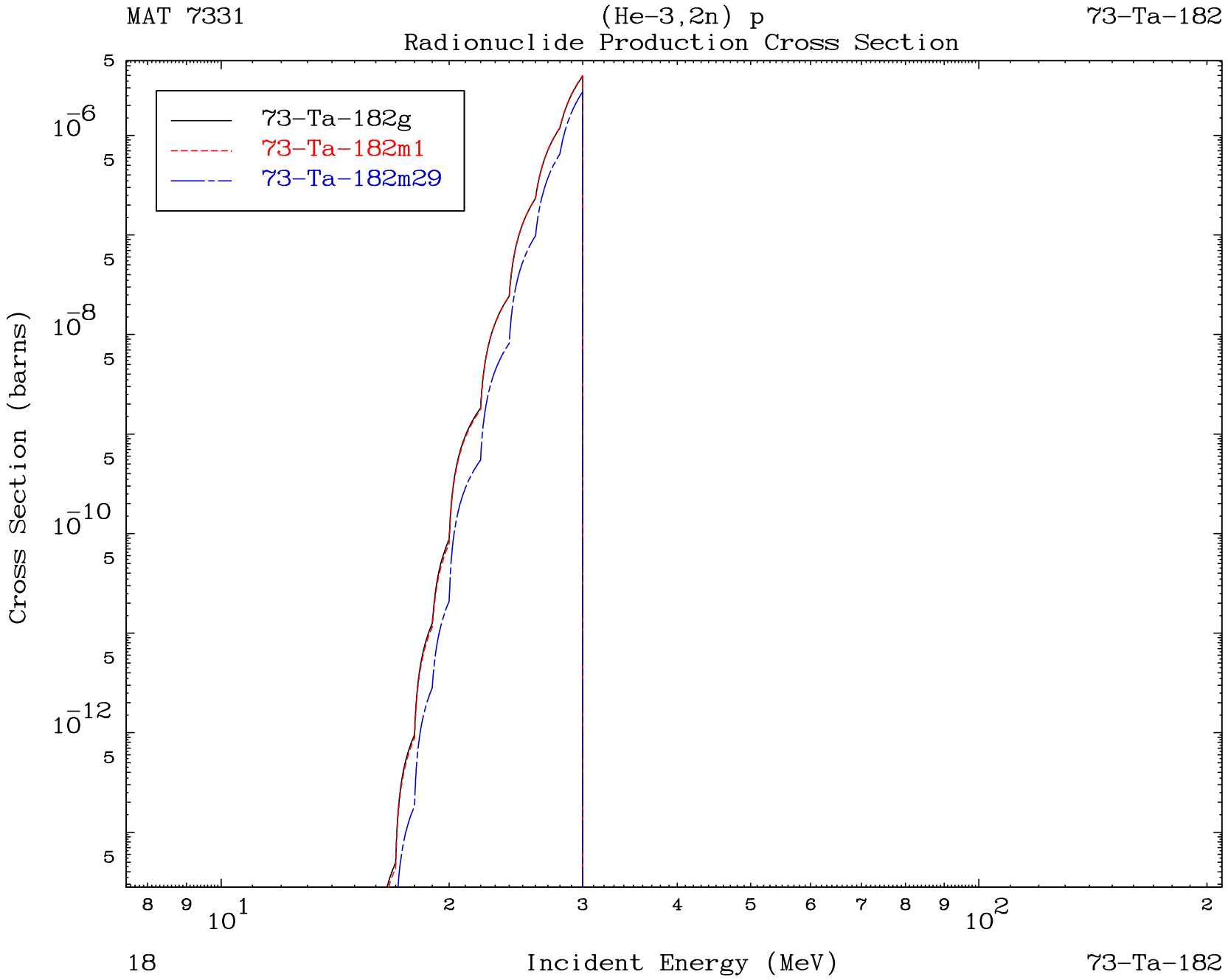

MAT 7331
(He-3,3n)
73-Ta-182
Radionuclide Production Cross Section
75-Re-182g
75-Re-182m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
73-Ta-182

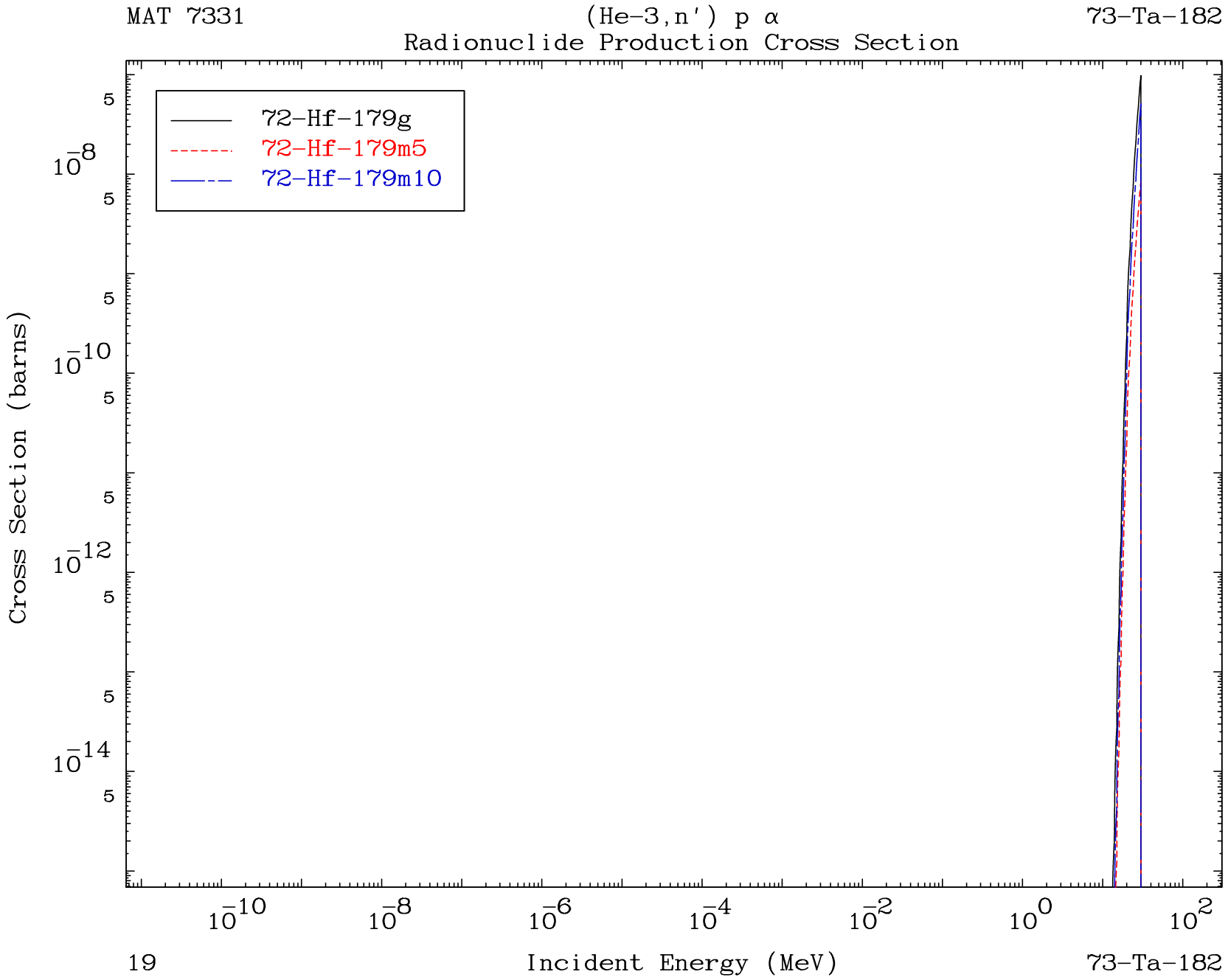

MAT 7331
He-3 Fission
73-Ta-182
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-182

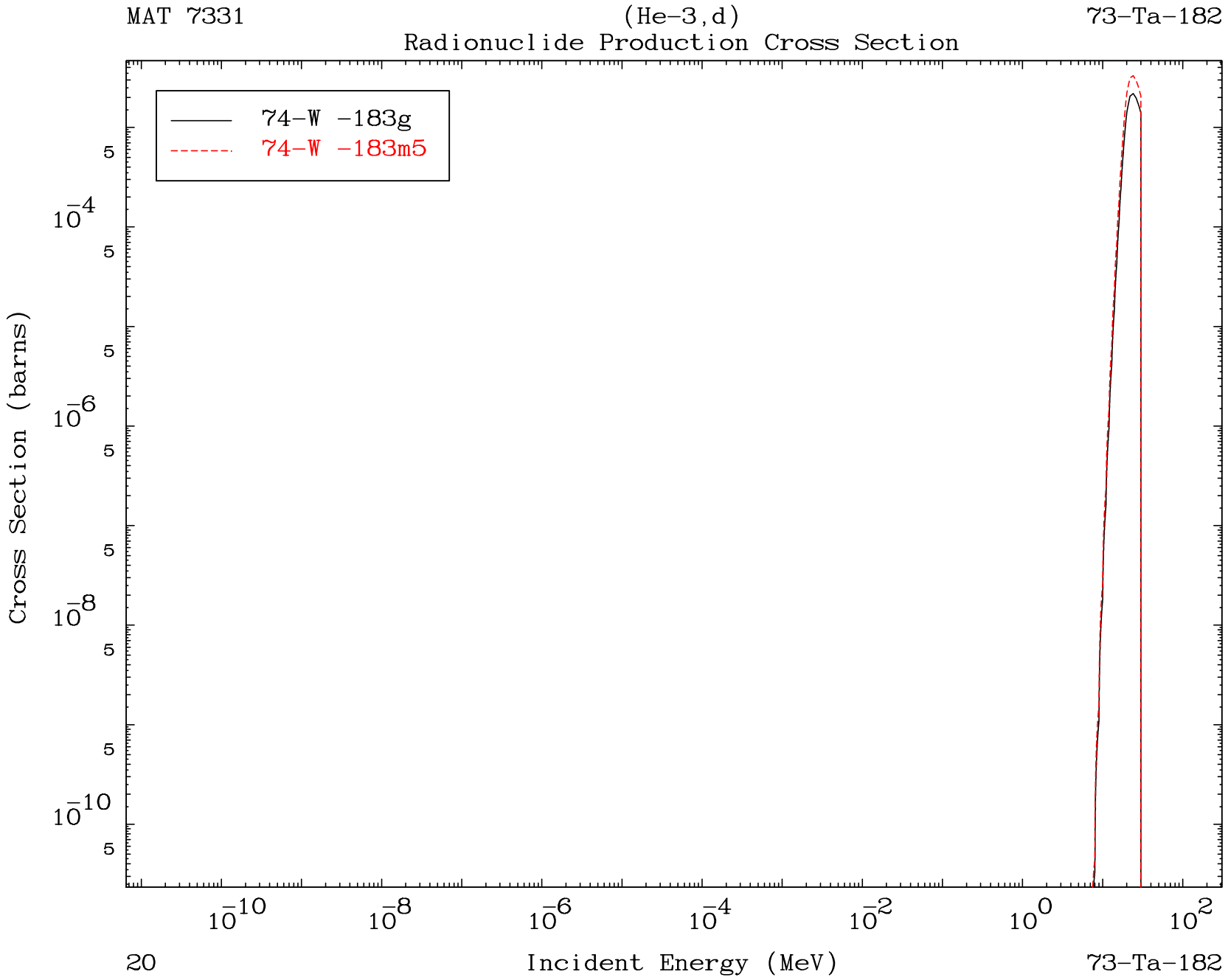

MAT 7331
(He-3,n') α
73-Ta-182
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
Incident Energy (MeV)
15
73-Ta-182

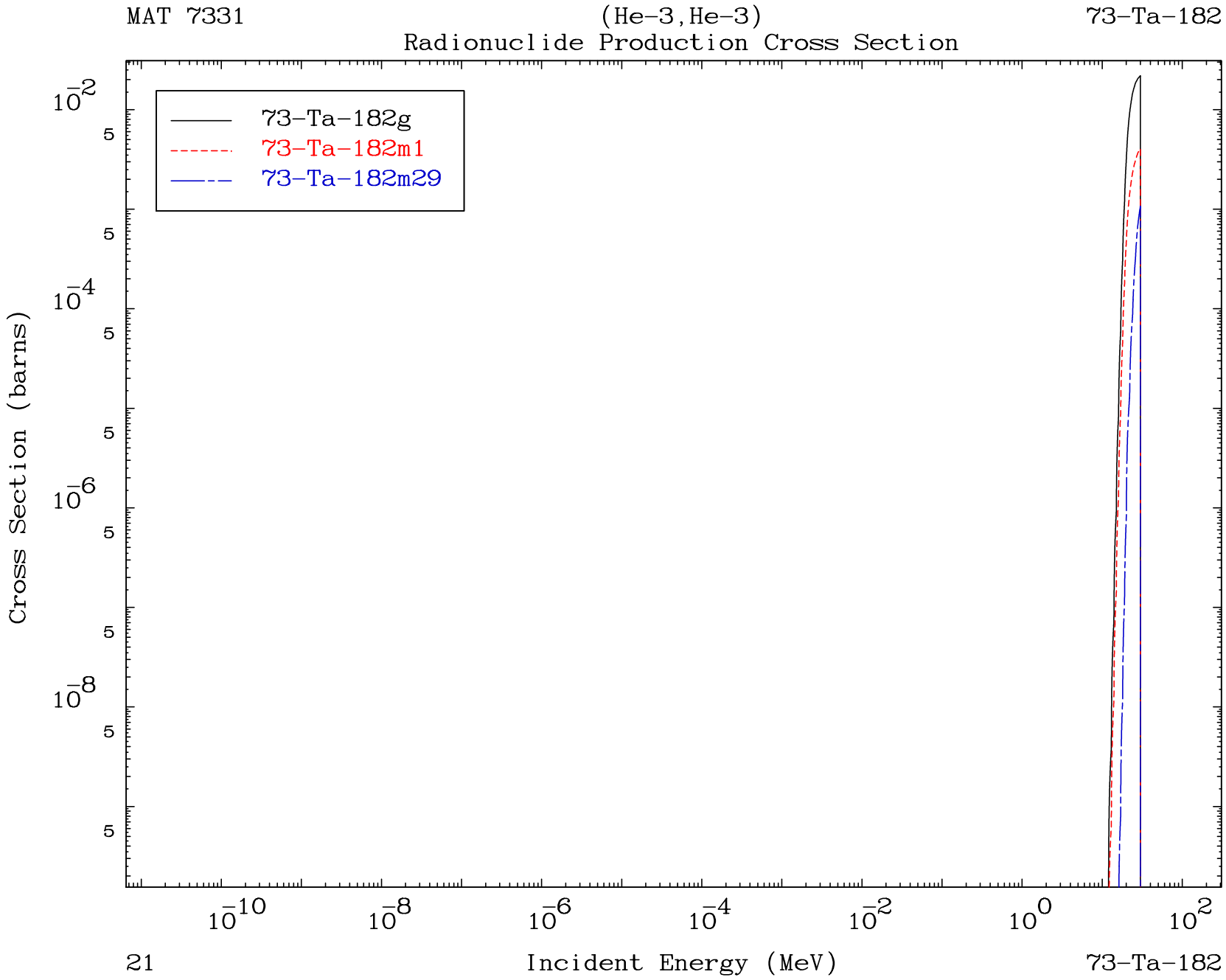

MAT 7331
(He-3,3n) α
73-Ta-182
Radionuclide Production Cross Section
73-Ta-178g
73-Ta-178m1
Cross Section (barns)
Incident Energy (MeV)
16
73-Ta-182

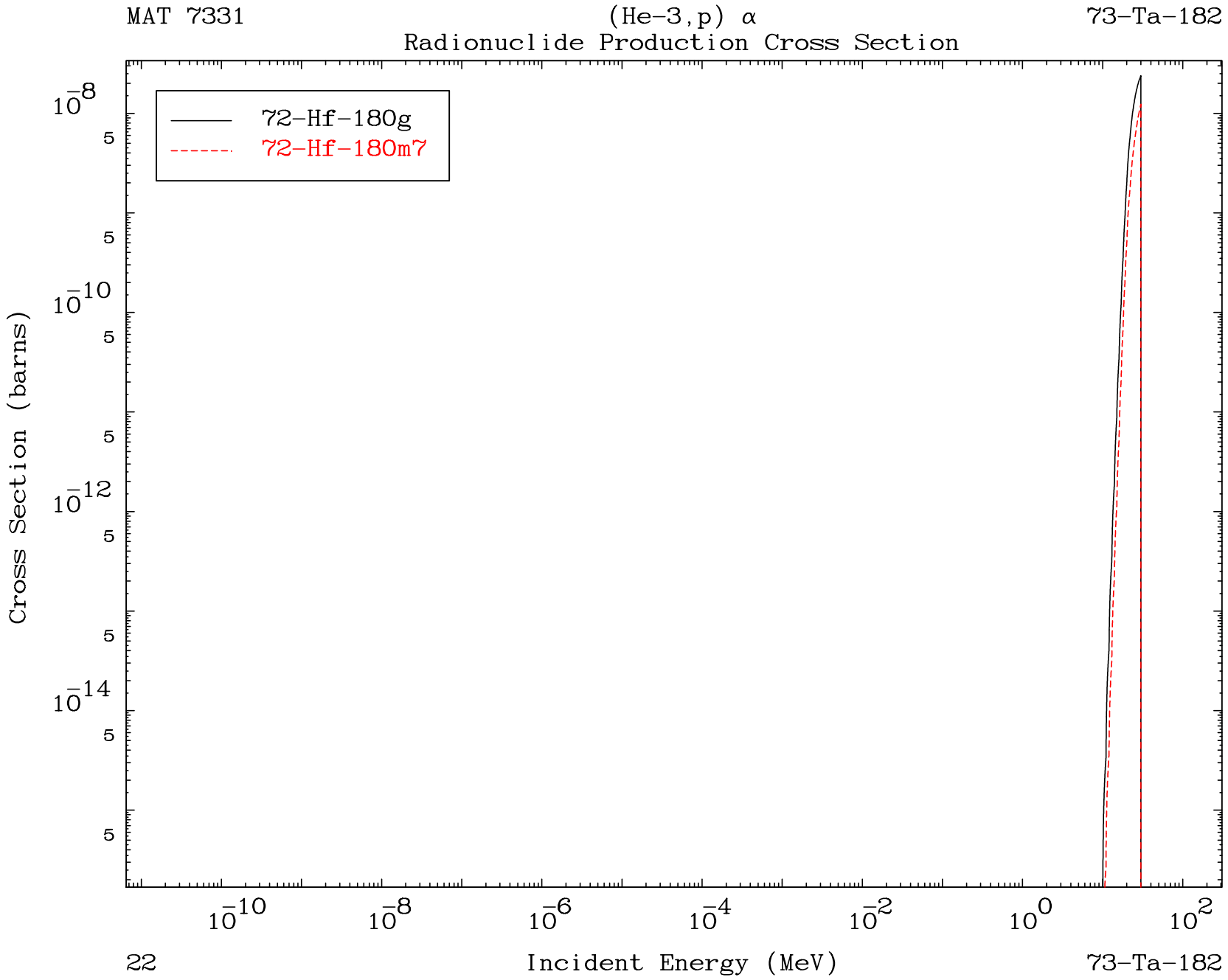

MAT 7331
(He-3,n') p
73-Ta-182
Radionuclide Production Cross Section
74-W -183g
74-W -183m5
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
17
73-Ta-182

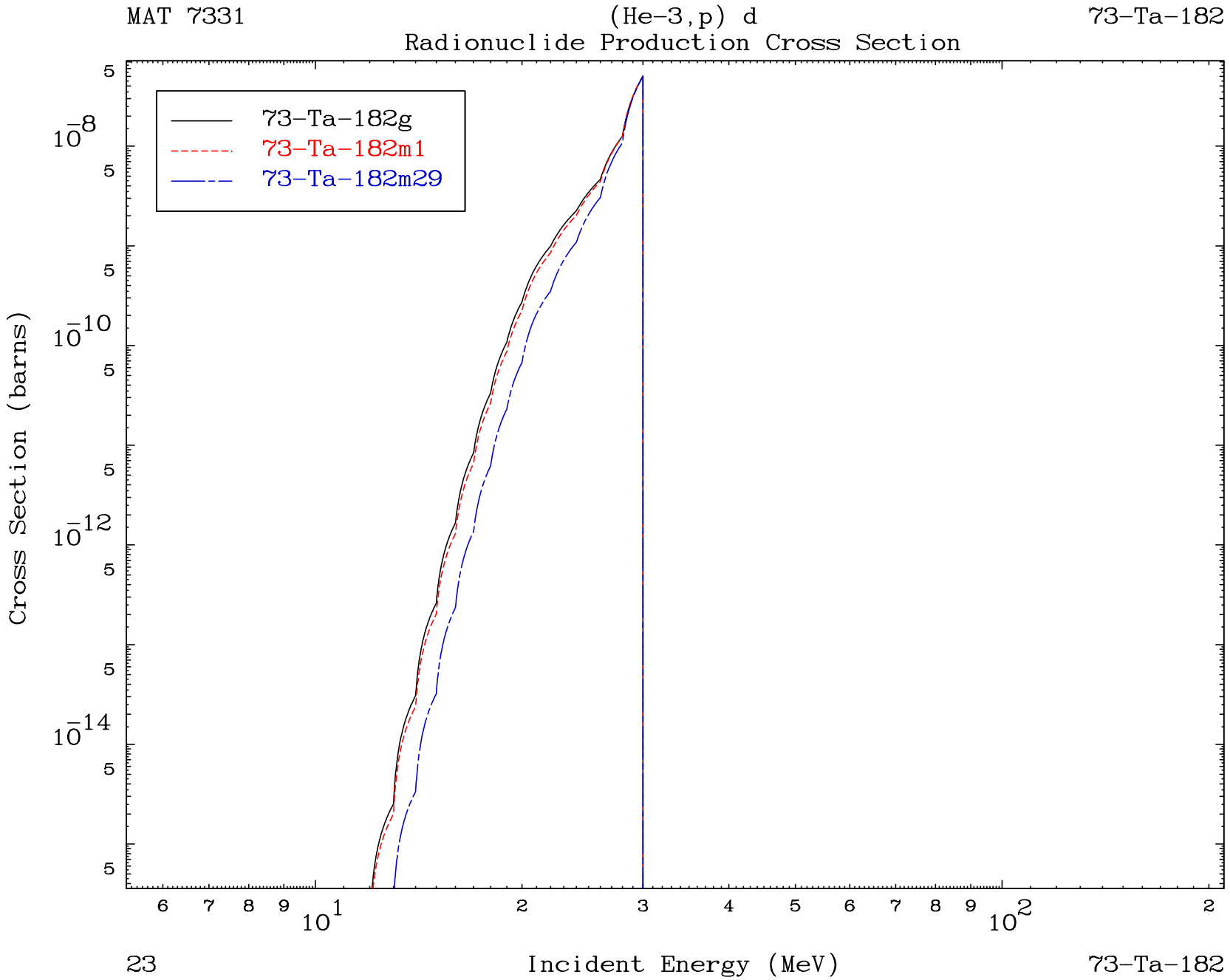

MAT 7331
(He-3,2n) p
73-Ta-182
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
18
73-Ta-182

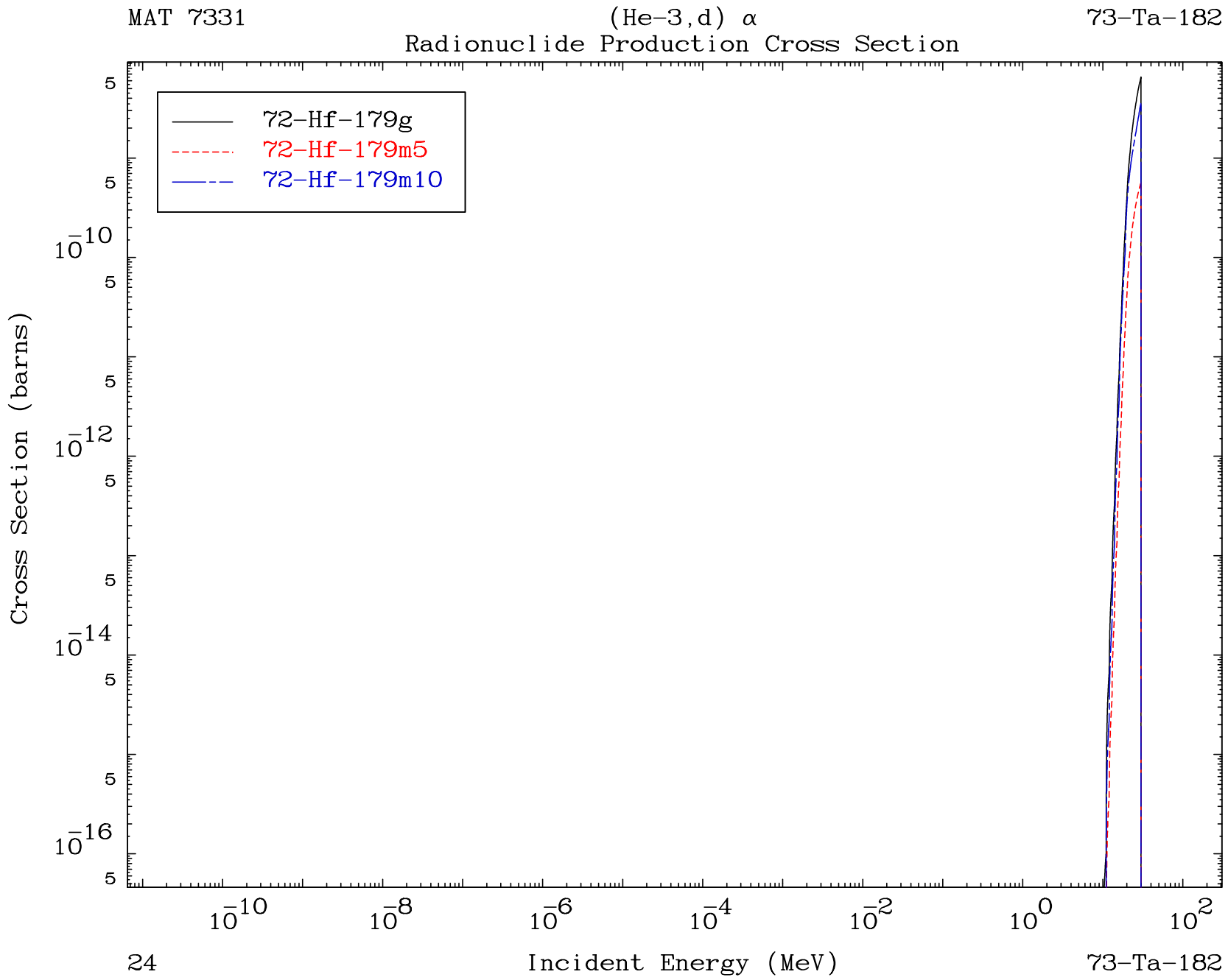

MAT 7331
(He-3,n') p α
73-Ta-182
Radionuclide Production Cross Section
72-Hf-179g
72-Hf-179m5
72-Hf-179m10
Cross Section (barns)
Incident Energy (MeV)
19
73-Ta-182


MAT 7331
(He-3,d)
73-Ta-182
Radionuclide Production Cross Section
74-W -183g
74-W -183m5
Cross Section (barns)
Incident Energy (MeV)
20
73-Ta-182


MAT 7331
(He-3,He-3)
73-Ta-182
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
21
73-Ta-182


MAT 7331
(He-3,p) α
73-Ta-182
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m7
Cross Section (barns)
Incident Energy (MeV)
22
73-Ta-182


MAT 7331
(He-3,p) d
73-Ta-182
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m29
Cross Section (barns)
Incident Energy (MeV)
23
73-Ta-182


MAT 7331
(He-3,d) α
73-Ta-182
Radionuclide Production Cross Section
72-Hf-179g
72-Hf-179m5
72-Hf-179m10
Cross Section (barns)
Incident Energy (MeV)
24
73-Ta-182