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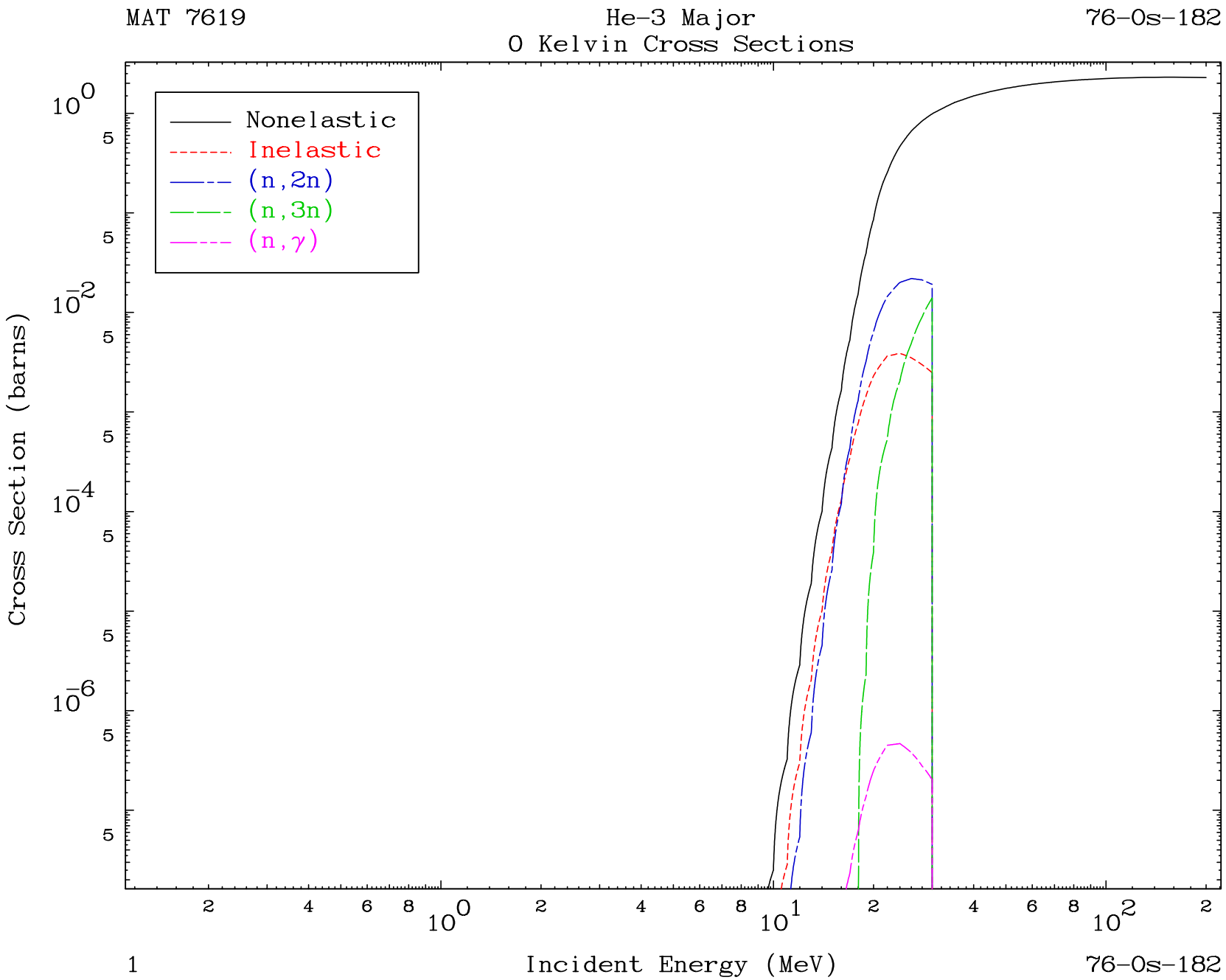
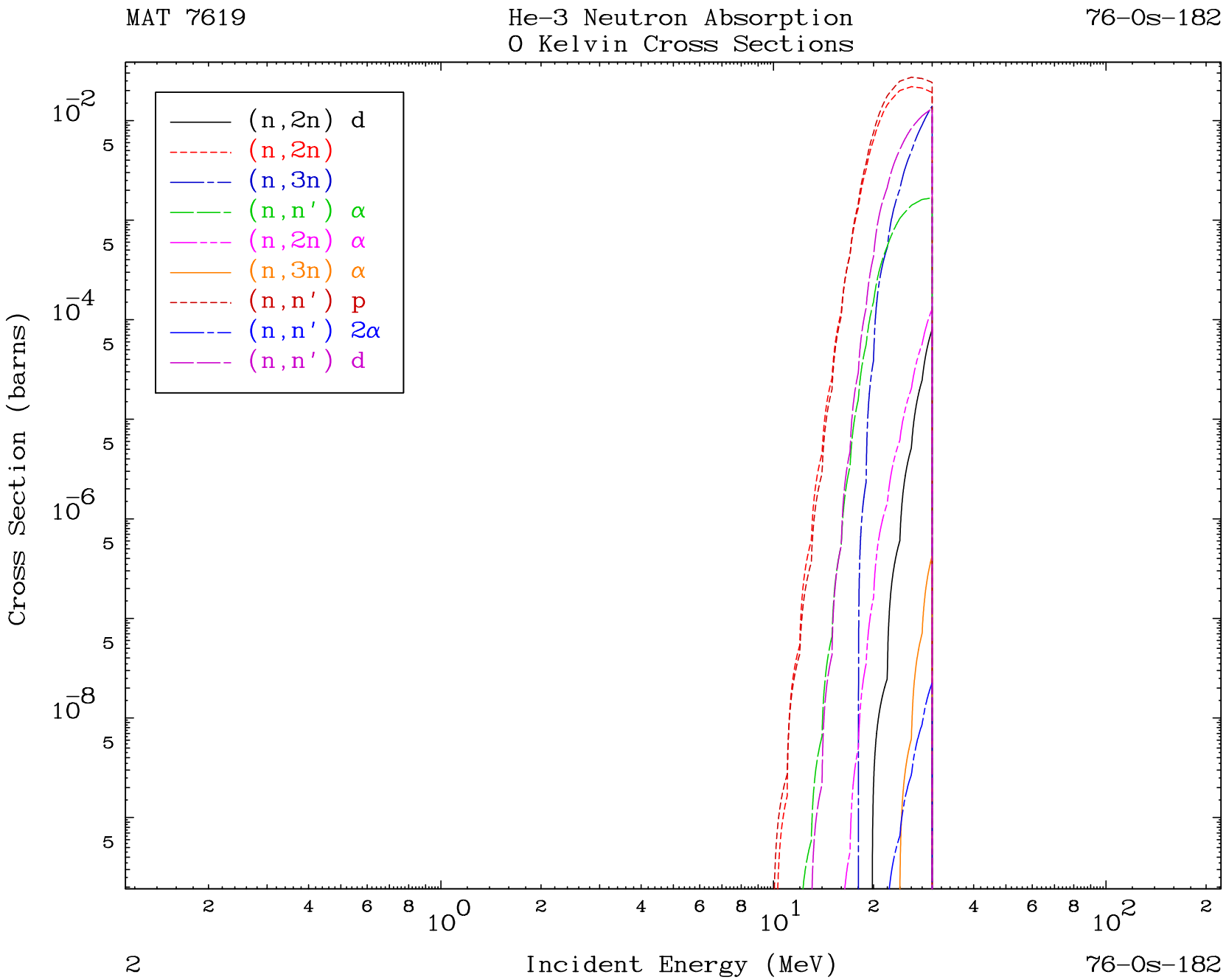
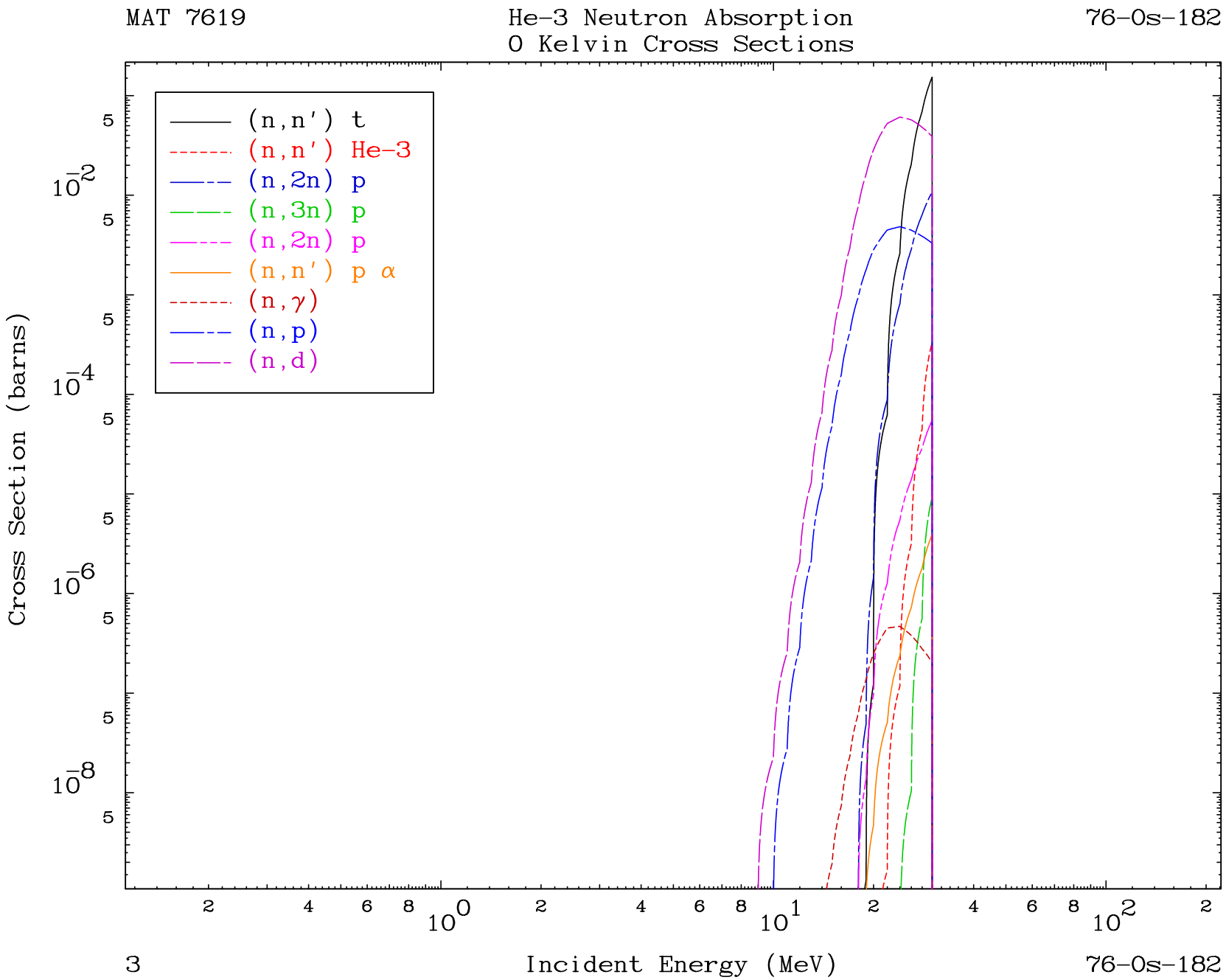
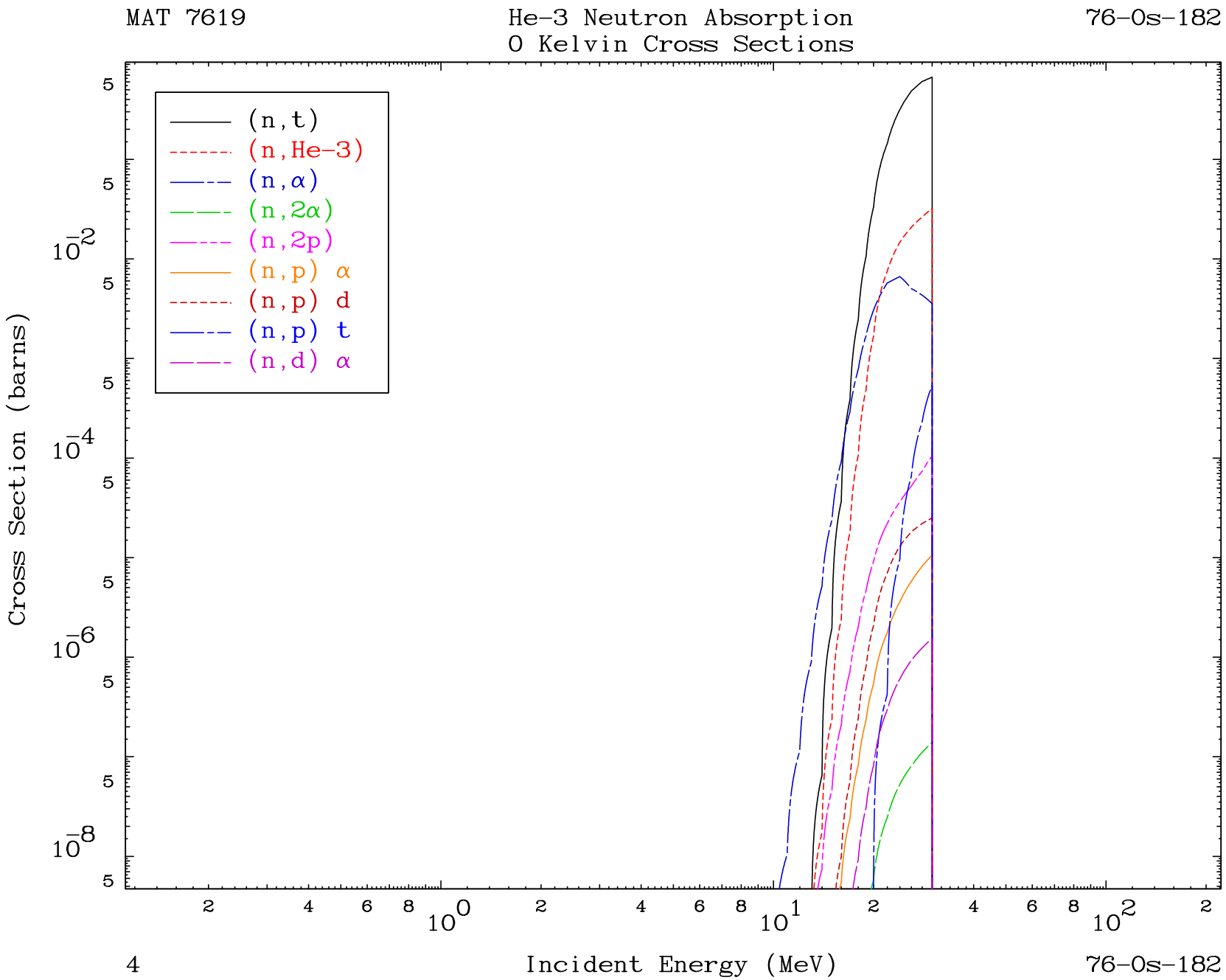
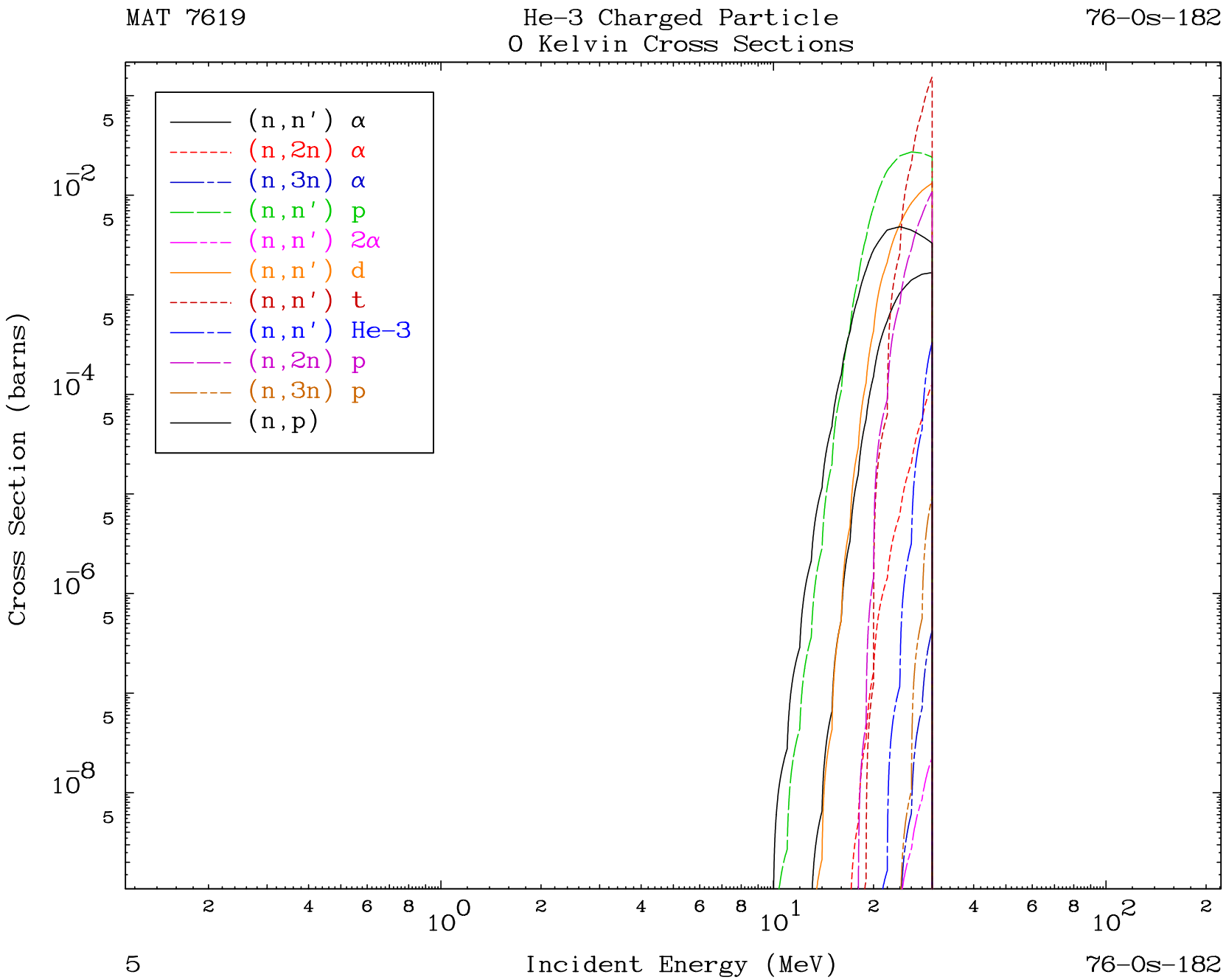
Press Mouse Button to Start

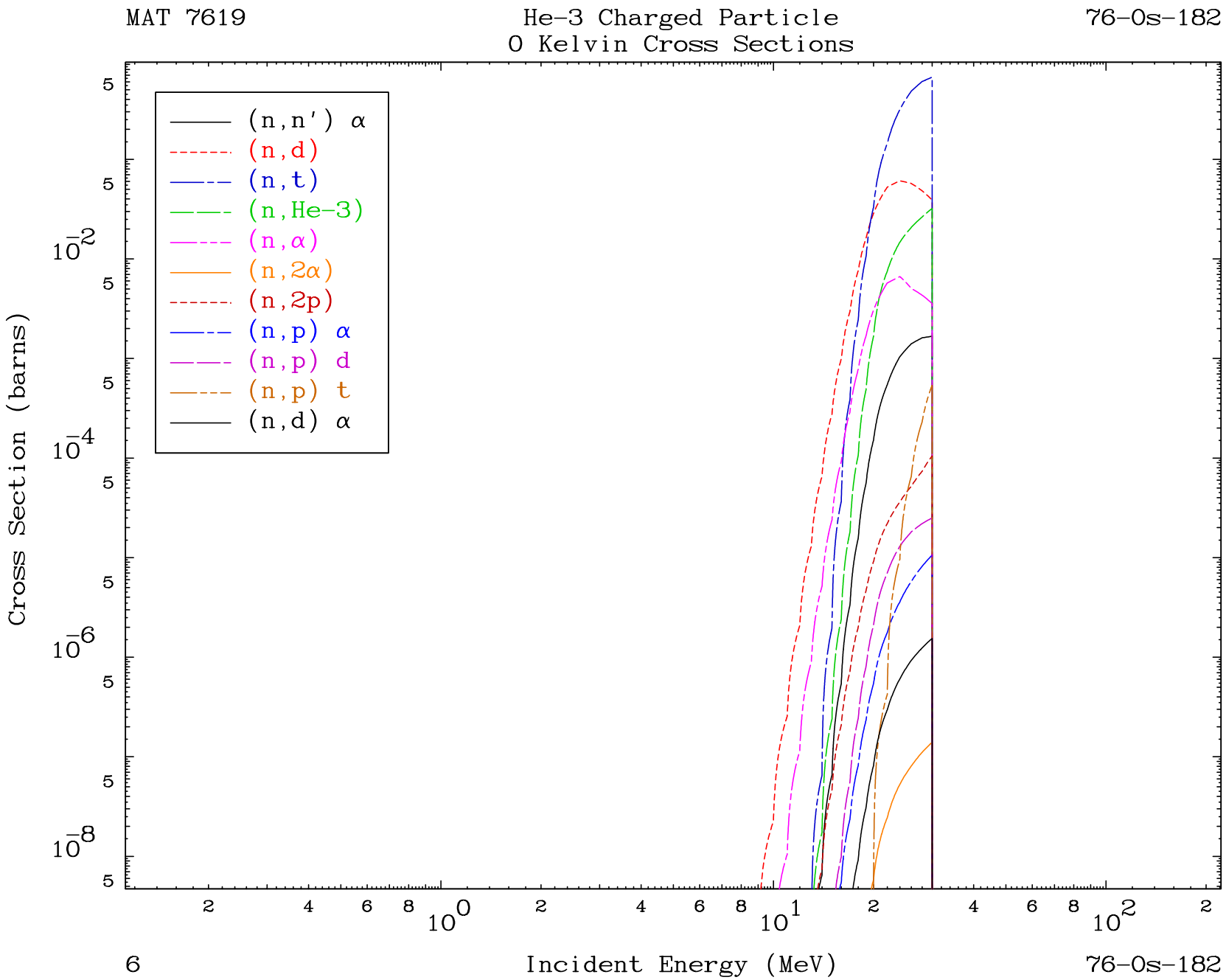

MAT 7619
He-3 Major
76-0s-182
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
76-0s-182

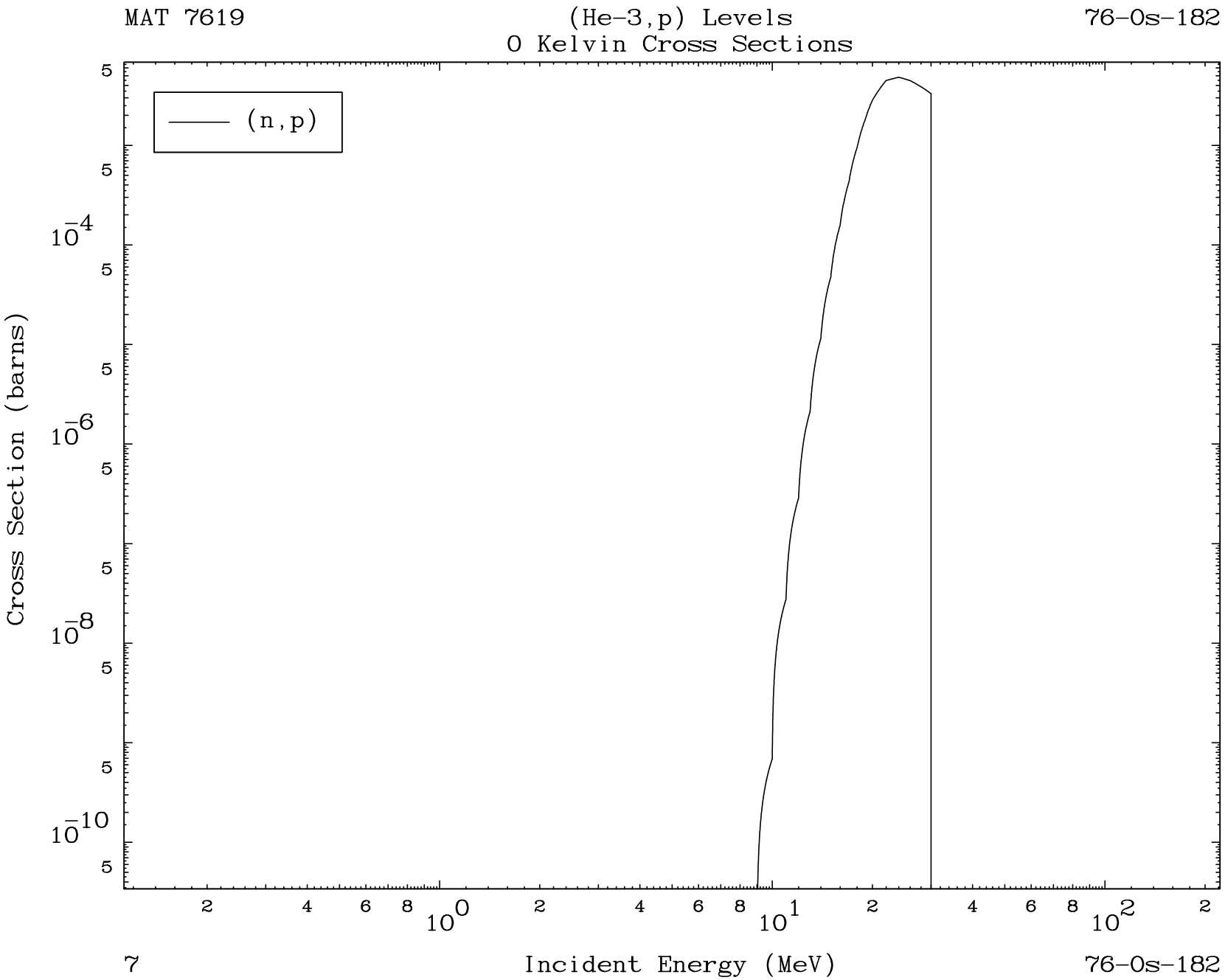

MAT 7619
He-3 Neutron Absorption
0 Kelvin Cross Sections
76-0s-182
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
76-0s-182

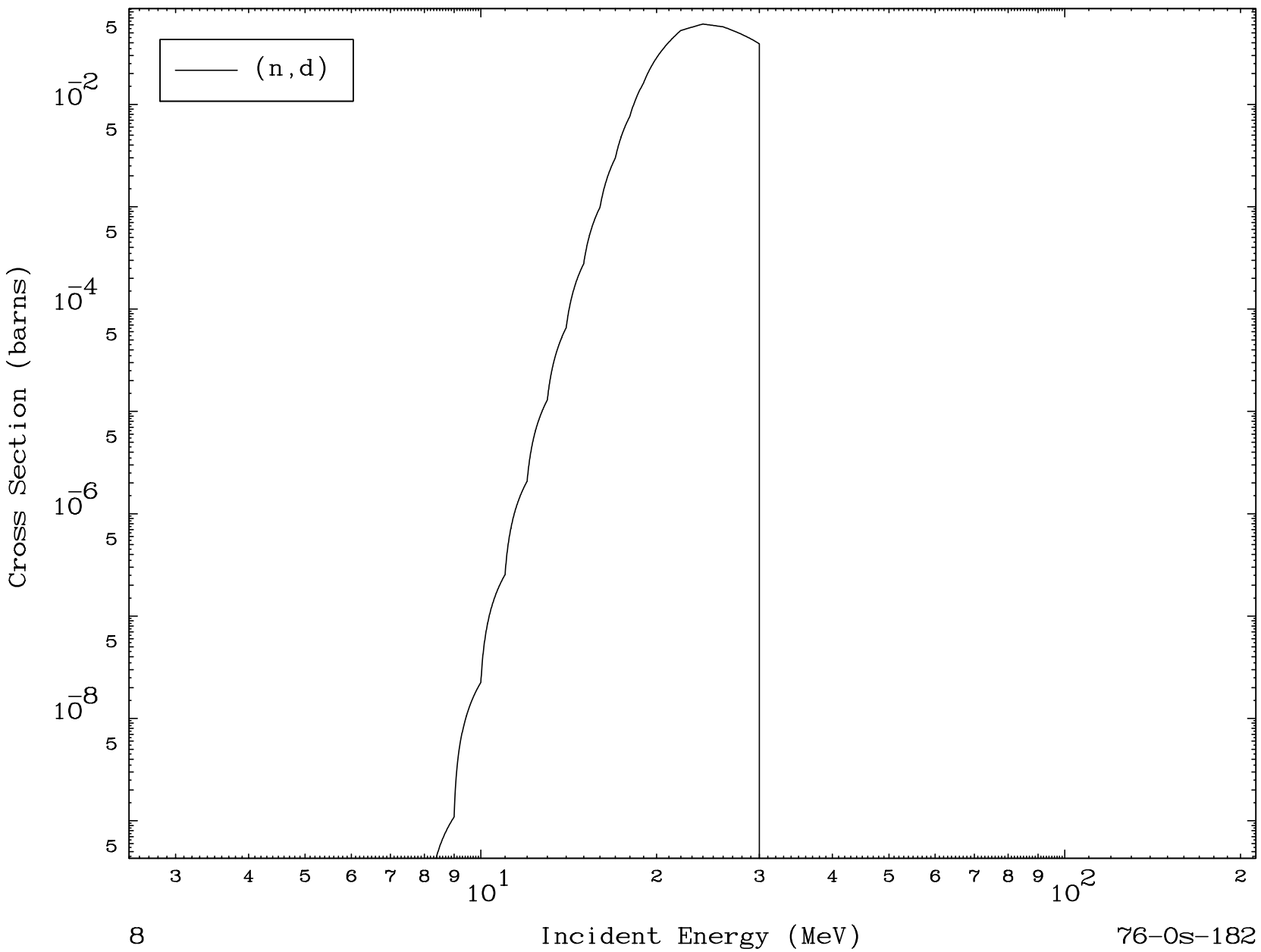

MAT 7619
He-3 Neutron Absorption
0 Kelvin Cross Sections
76-0s-182
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
76-0s-182

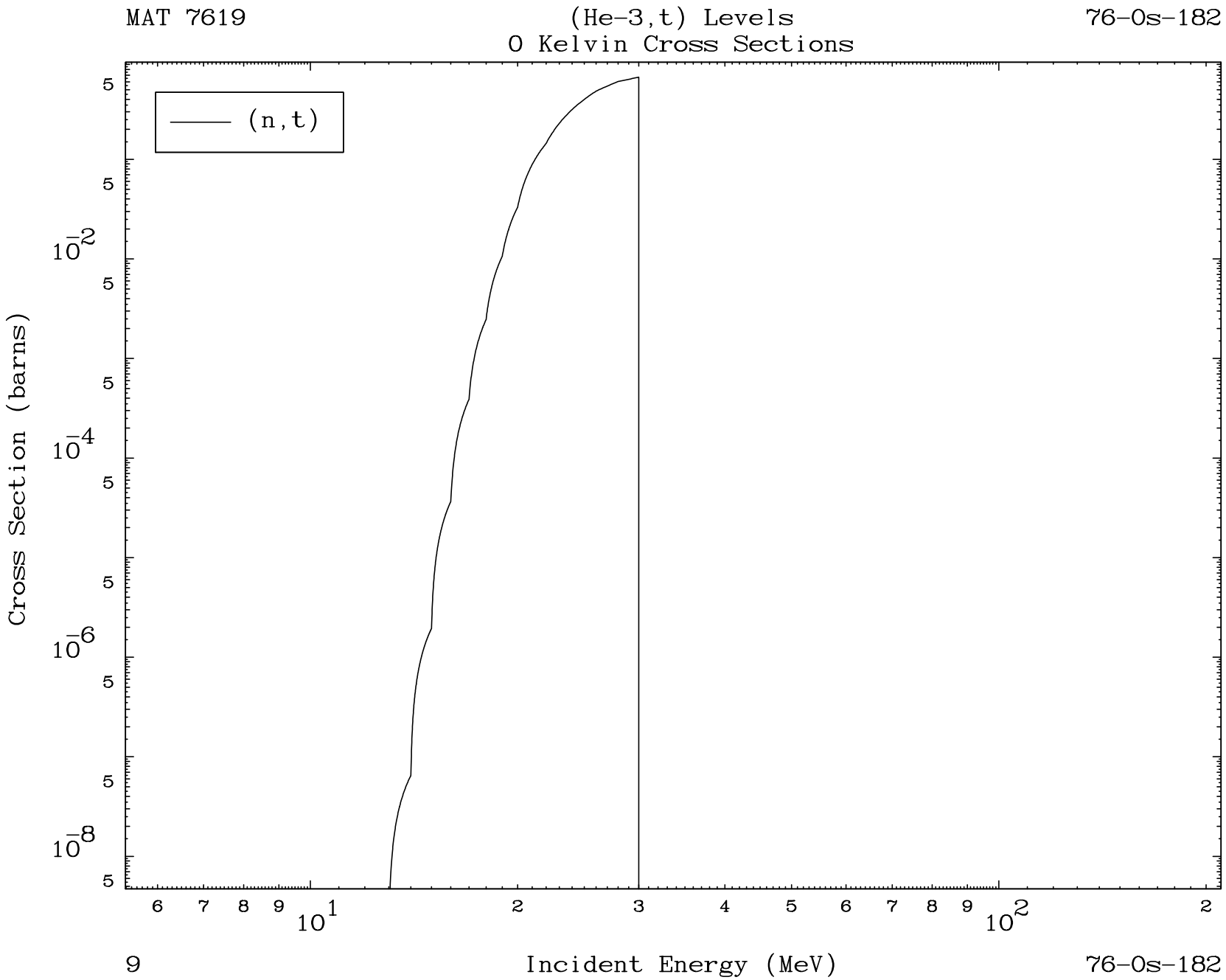

MAT 7619
He-3 Neutron Absorption
0 Kelvin Cross Sections
76-0s-182
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
76-0s-182

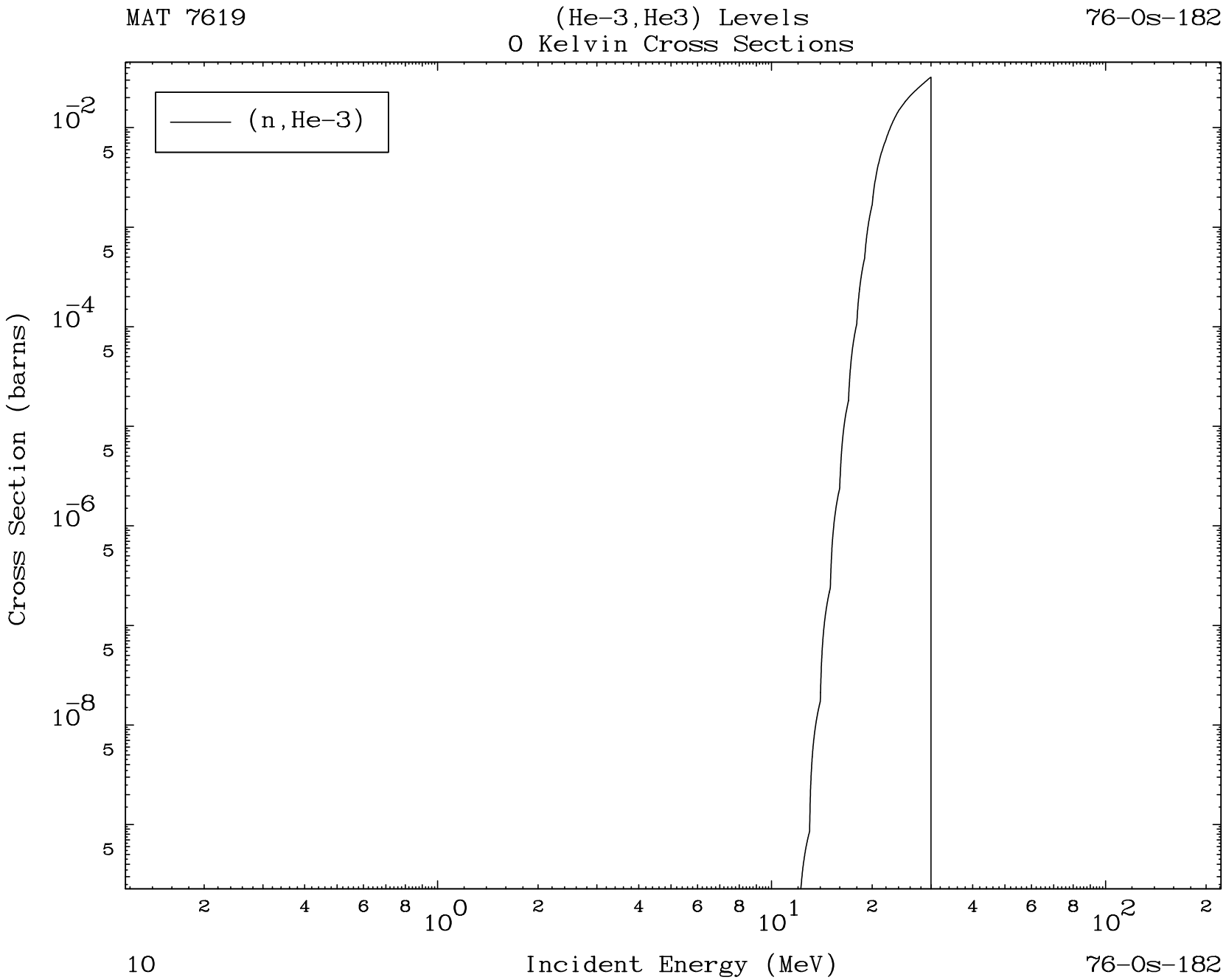

MAT 7619
He-3 Charged Particle
0 Kelvin Cross Sections
76-0s-182
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
76-0s-182

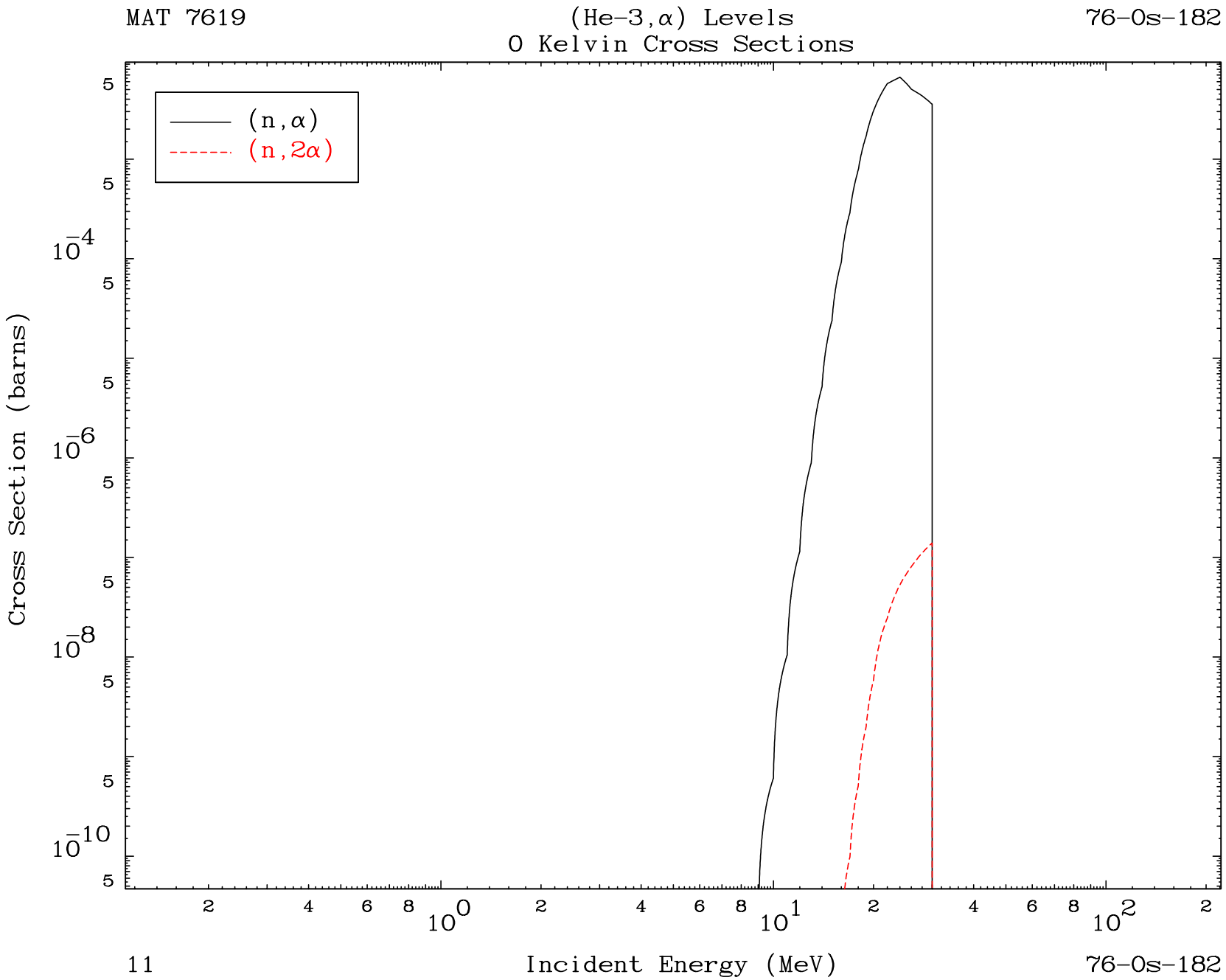

MAT 7619
He-3 Charged Particle
0 Kelvin Cross Sections
76-0s-182
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
76-0s-182

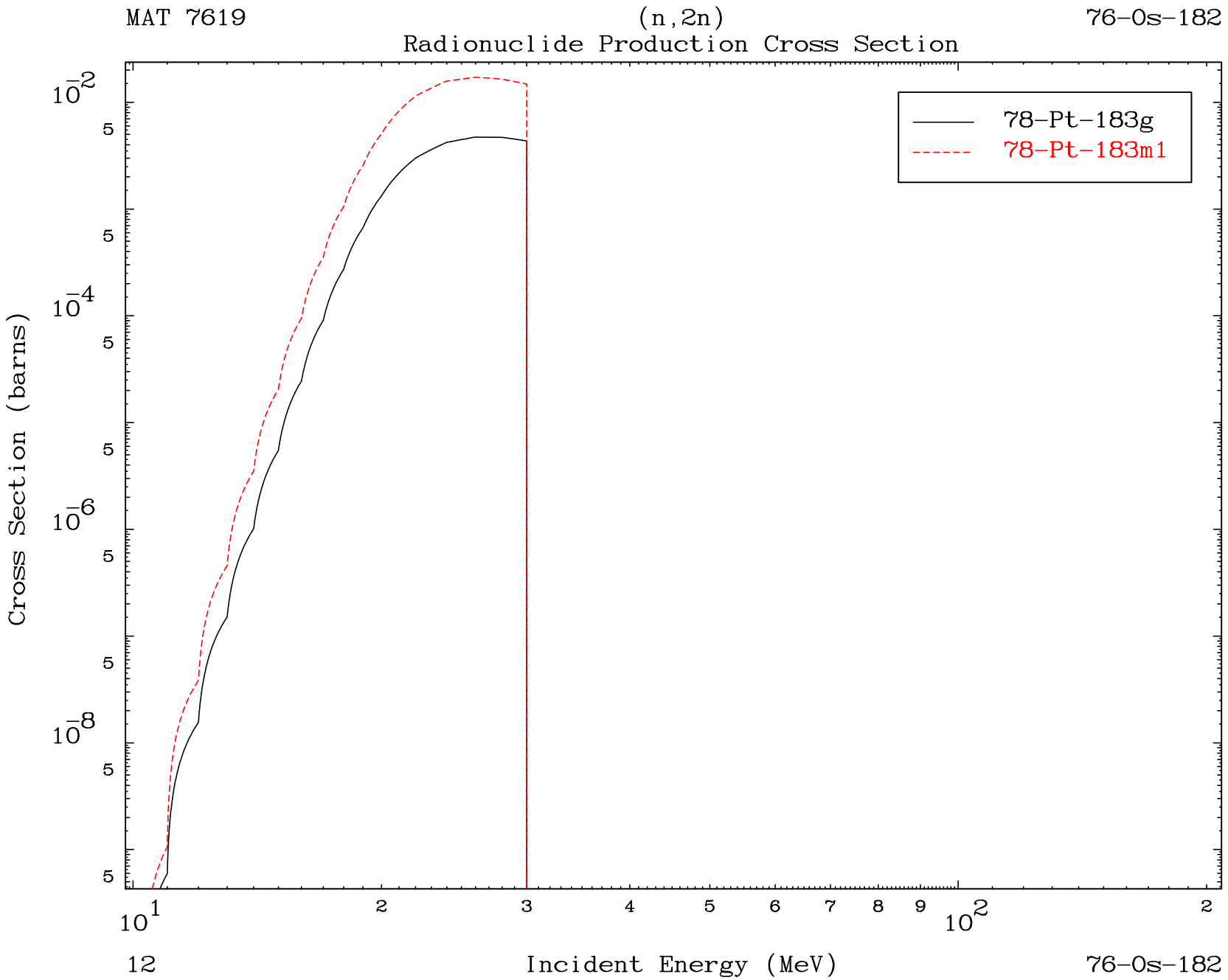

MAT 7619
(He-3,p) Levels
76-0s-182
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
76-0s-182


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

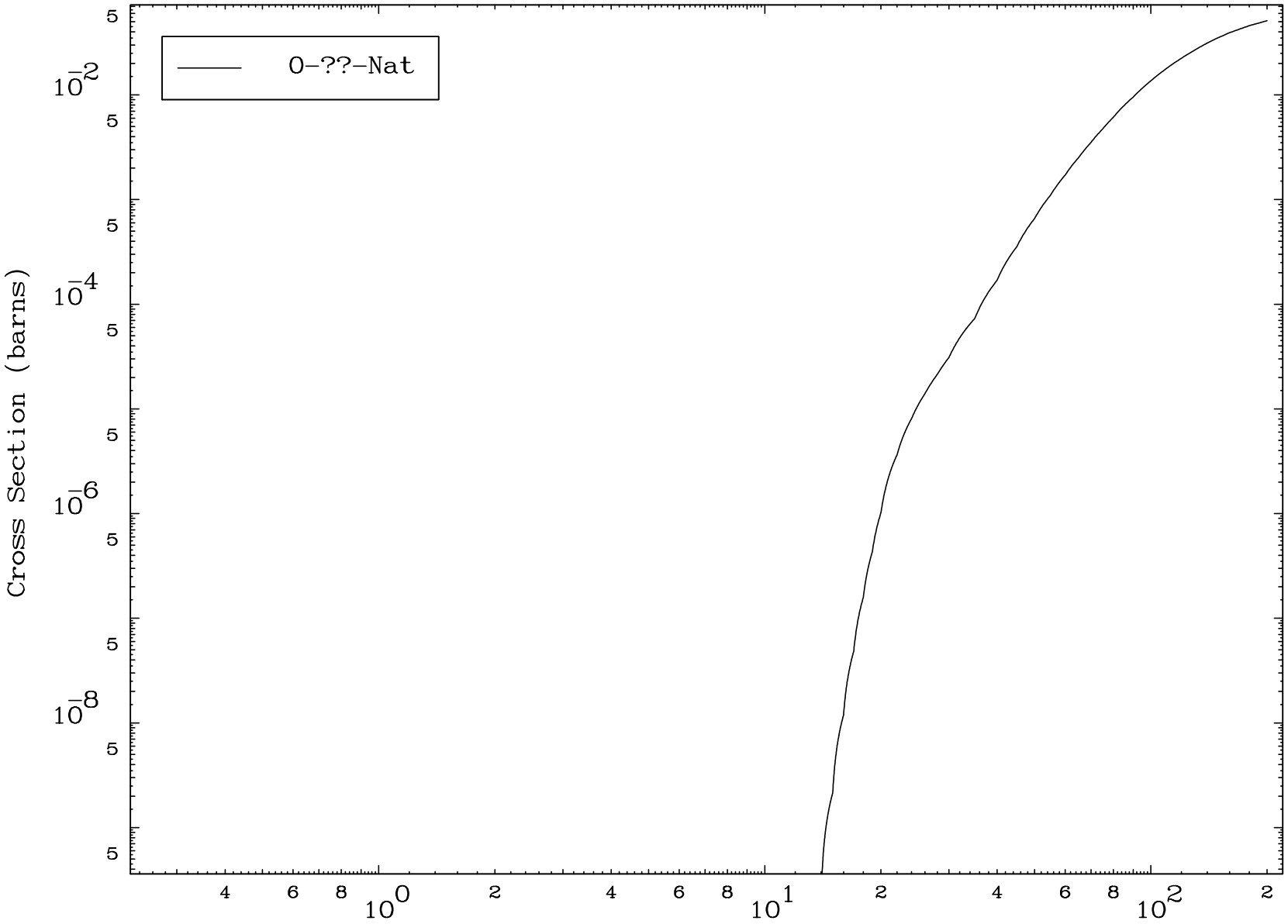

MAT 7619
(He-3,t) Levels
76-0s-182
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
76-0s-182

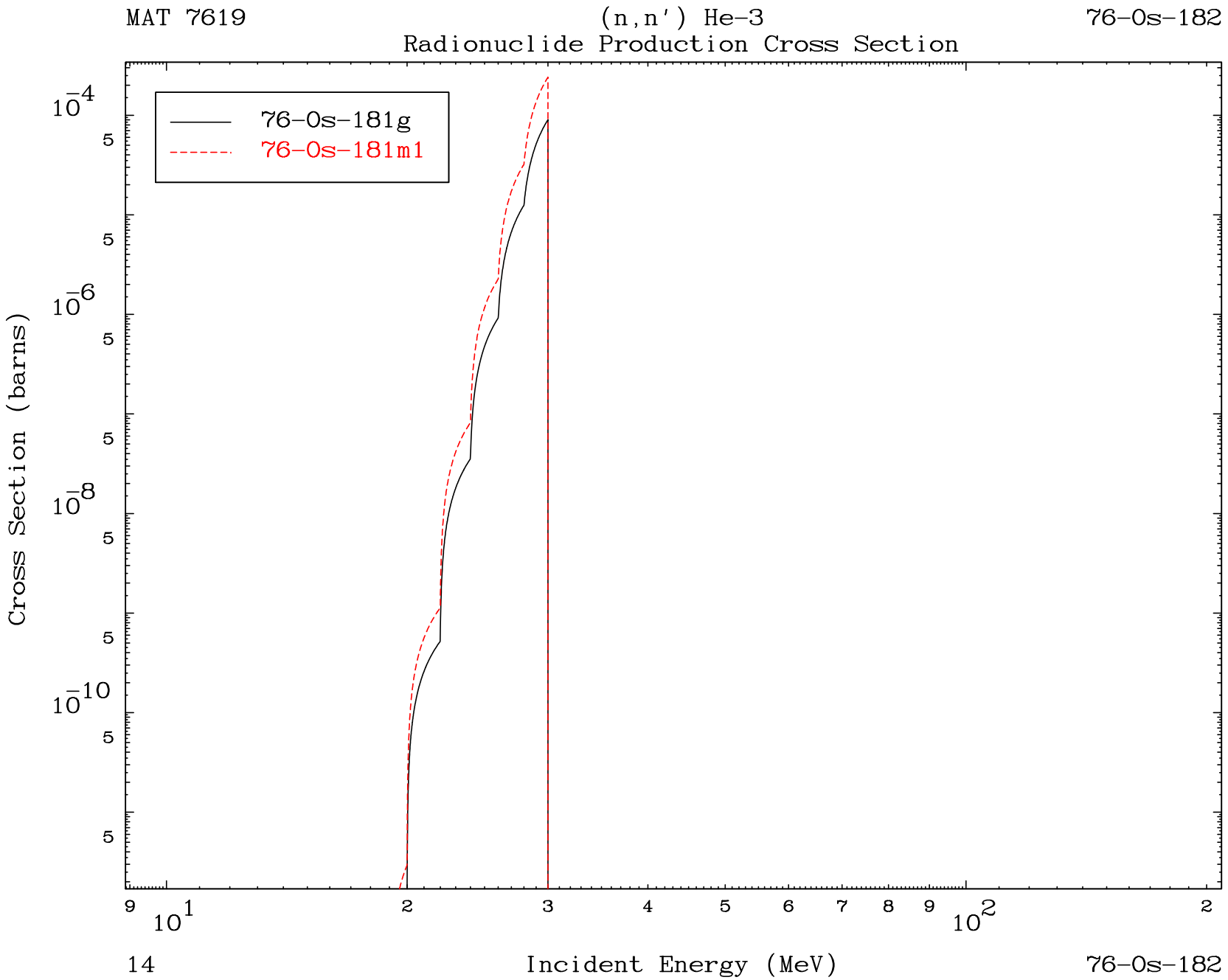

MAT 7619
(He-3,He3) Levels
76-0s-182
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
76-0s-182

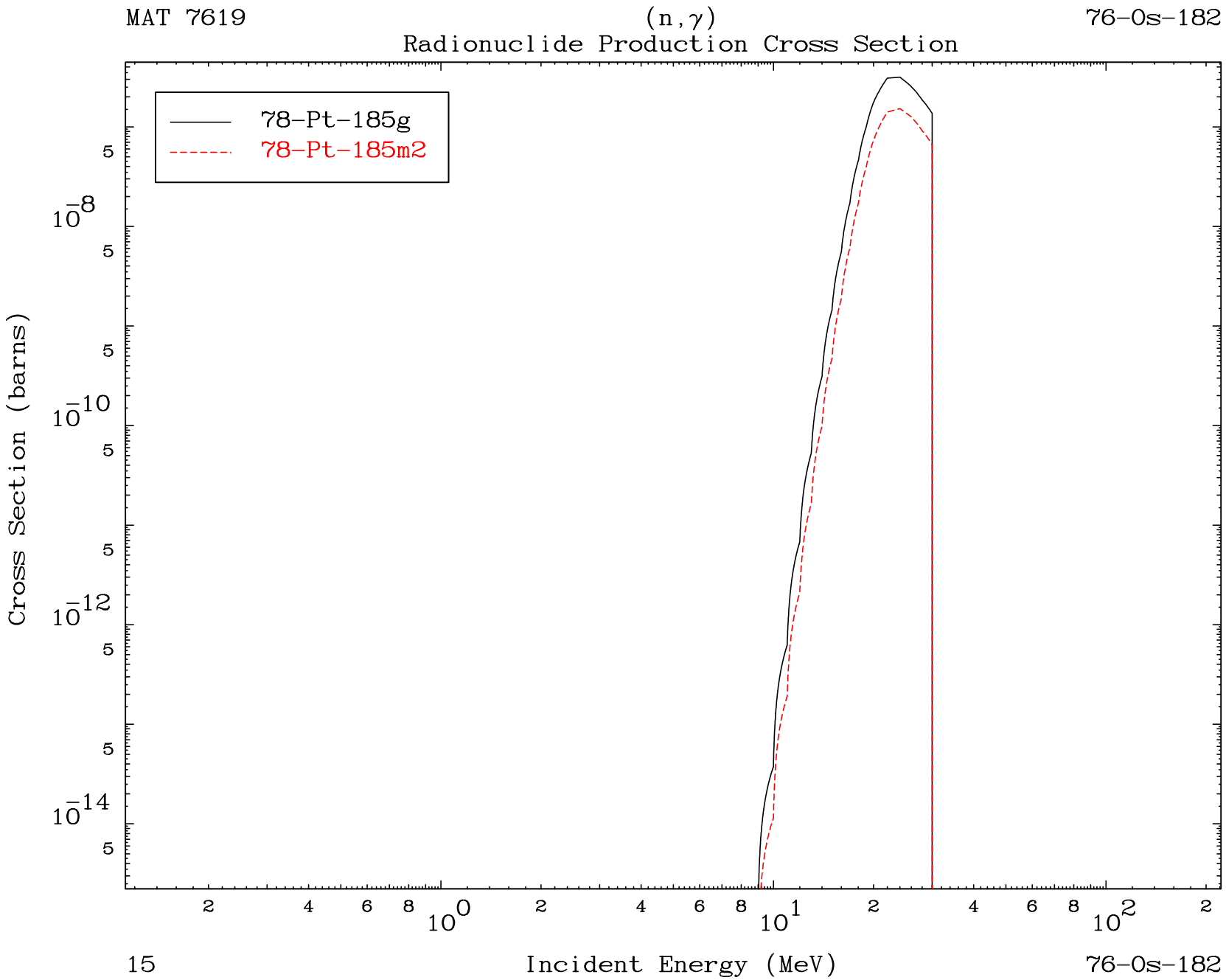

MAT 7619
(He-3,α) Levels
0 Kelvin Cross Sections
76-0s-182
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
76-0s-182

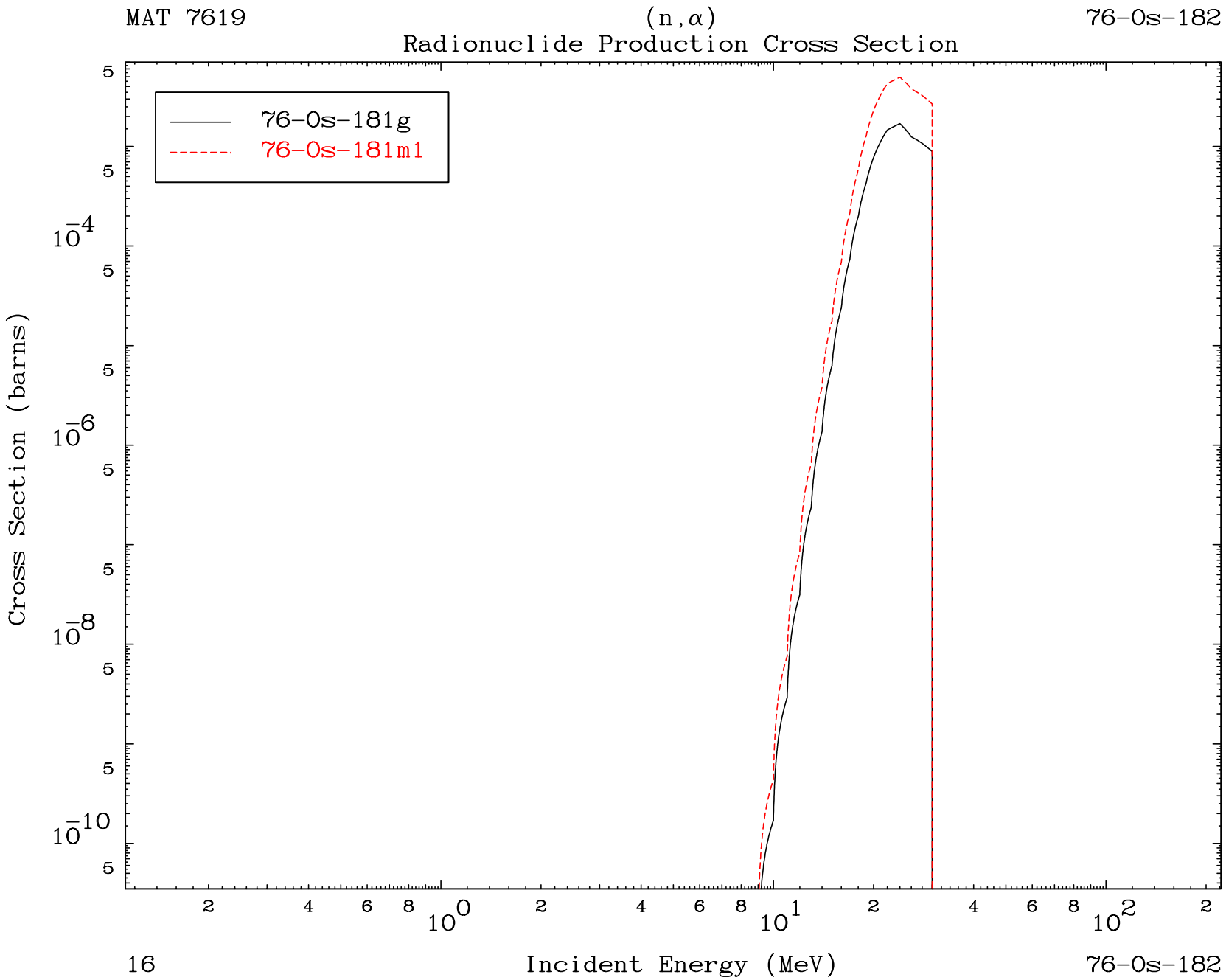

MAT 7619
(n,2n)
76-Os-182
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
Incident Energy (MeV)
76-Os-182
12

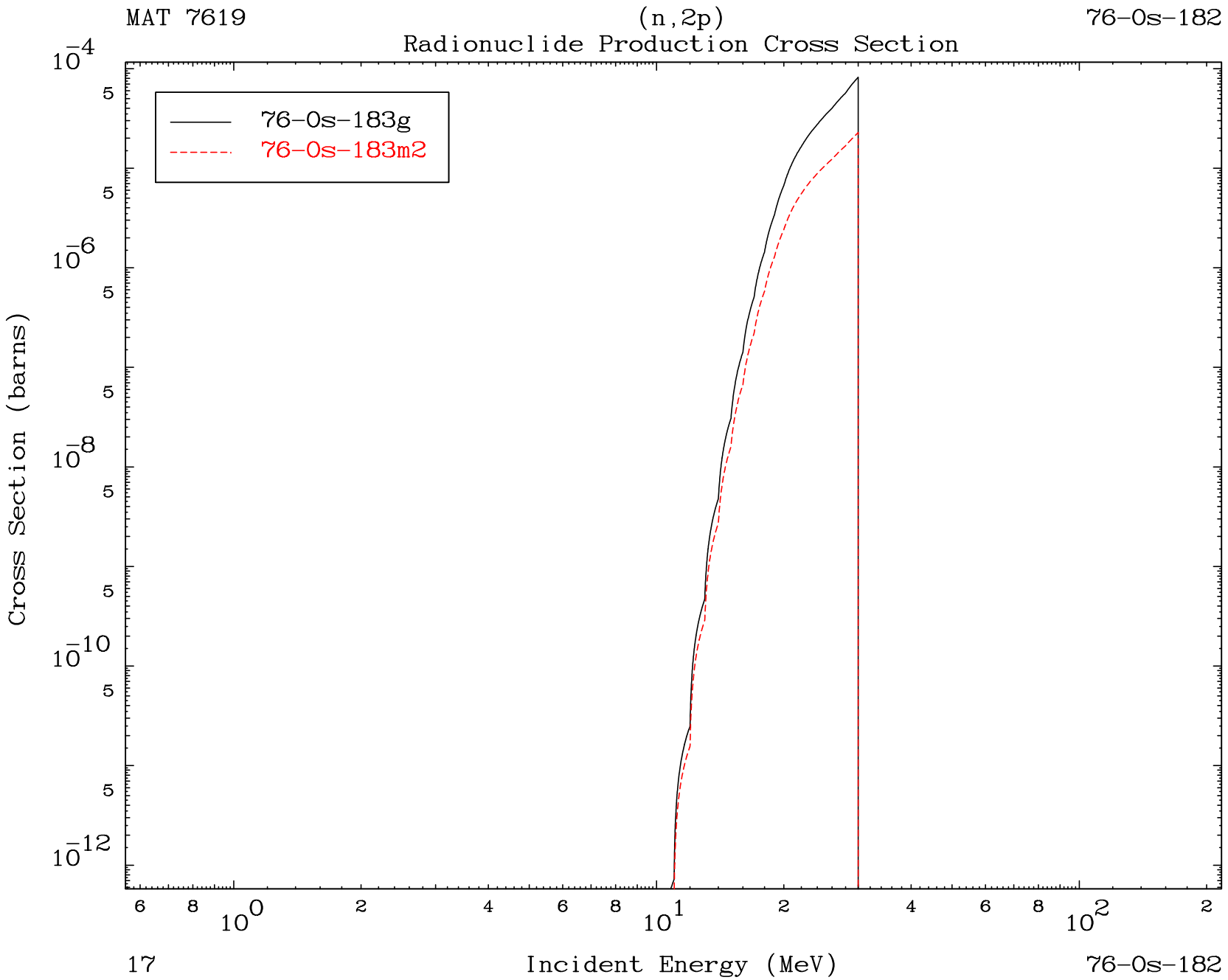
Radionuclide Production Cross Section

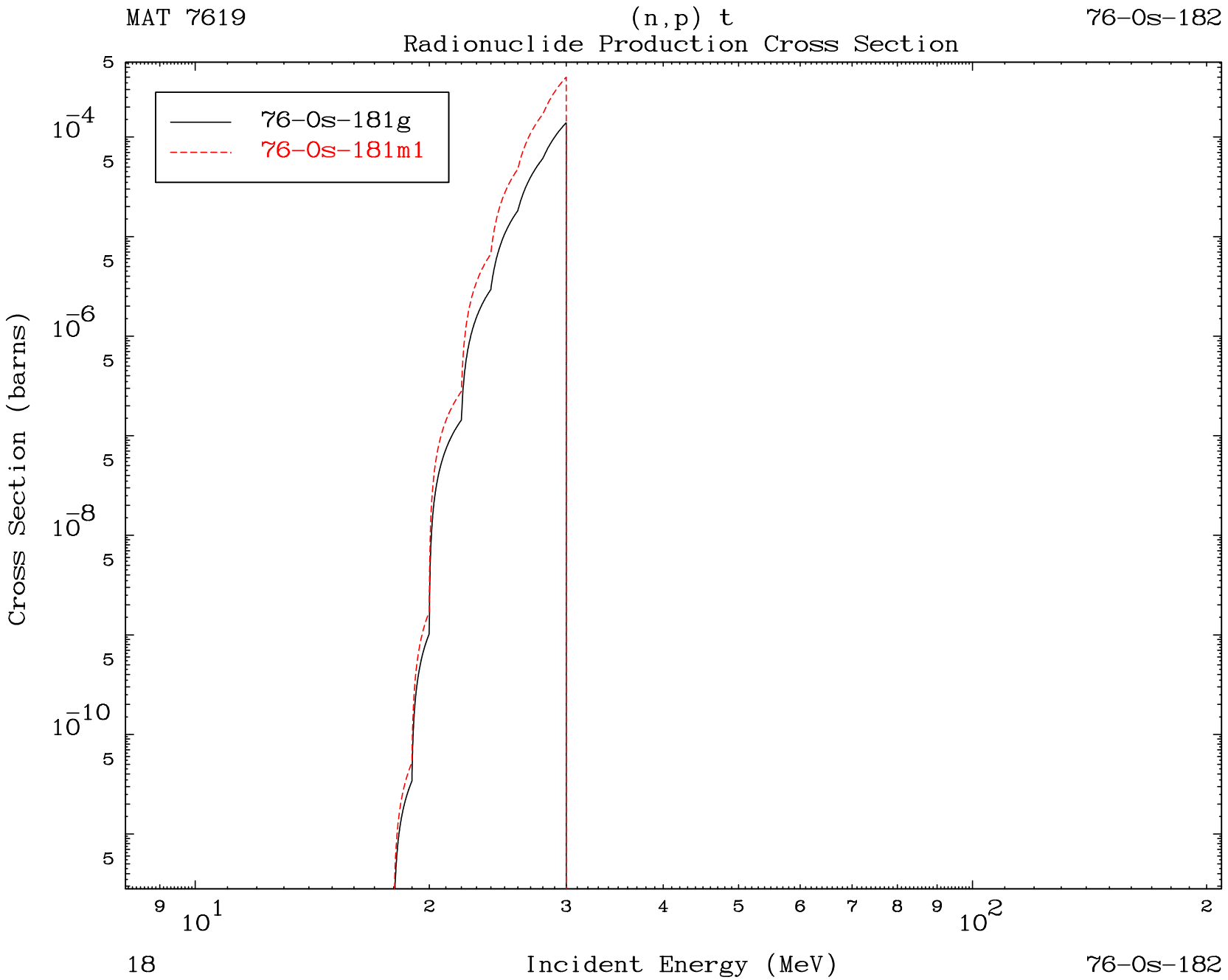



MAT 7619
(n,n') He-3
76-0s-182
Radionuclide Production Cross Section
76-0s-181g
76-0s-181m1
Cross Section (barns)
Incident Energy (MeV)
14
76-0s-182


MAT 7619
(n,γ)
76-0s-182
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
15
76-0s-182


MAT 7619
(n,α)
76-0s-182
Radionuclide Production Cross Section
76-0s-181g
76-0s-181m1
Cross Section (barns)
Incident Energy (MeV)
16
76-0s-182


MAT 7619
(n,2p)
76-0s-182
Radionuclide Production Cross Section
76-0s-183g
76-0s-183m2
Cross Section (barns)
Incident Energy (MeV)
17
76-0s-182


MAT 7619
(n,p) t
76-0s-182
Radionuclide Production Cross Section
76-0s-181g
76-0s-181m1
Cross Section (barns)
Incident Energy (MeV)
18
76-0s-182