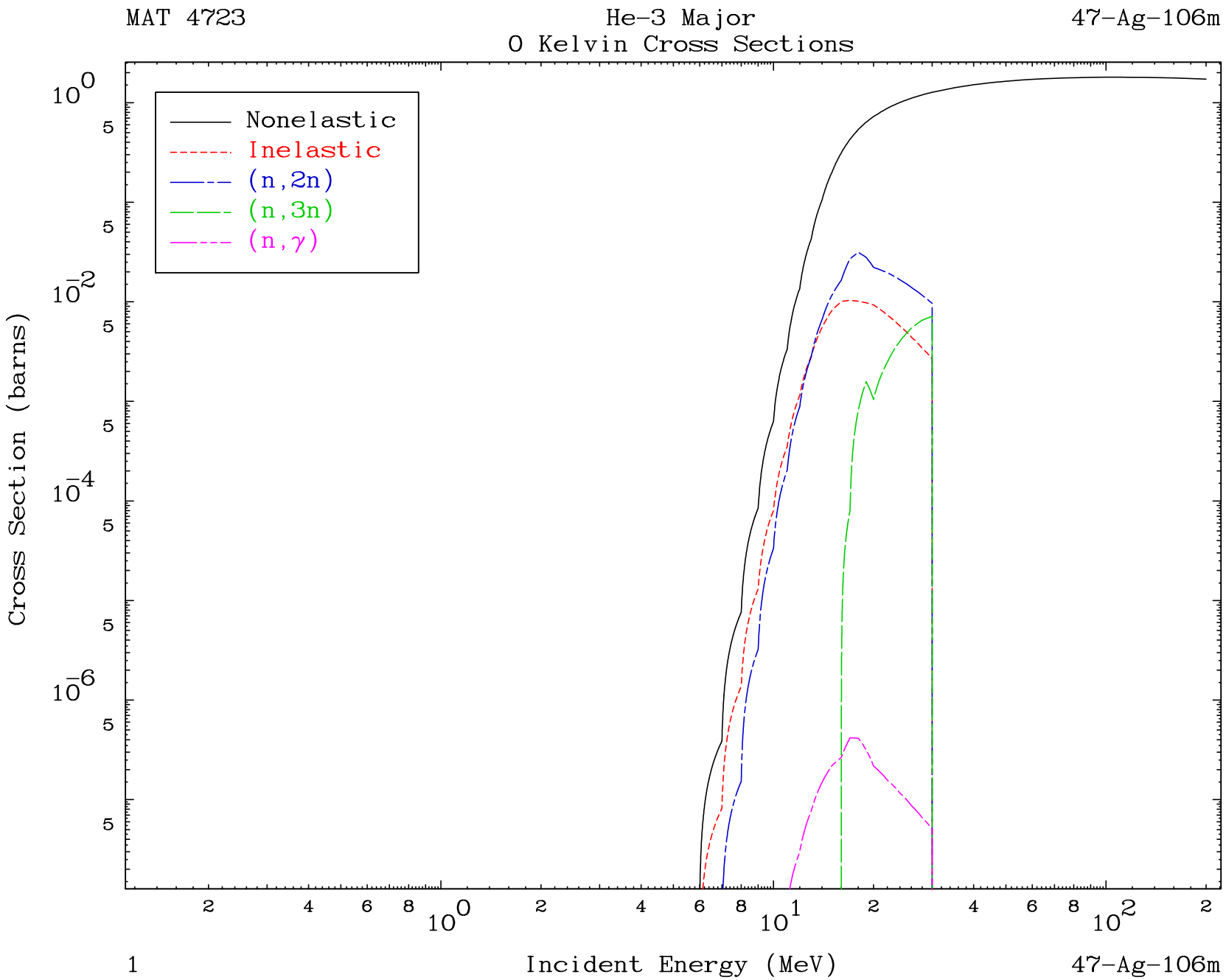
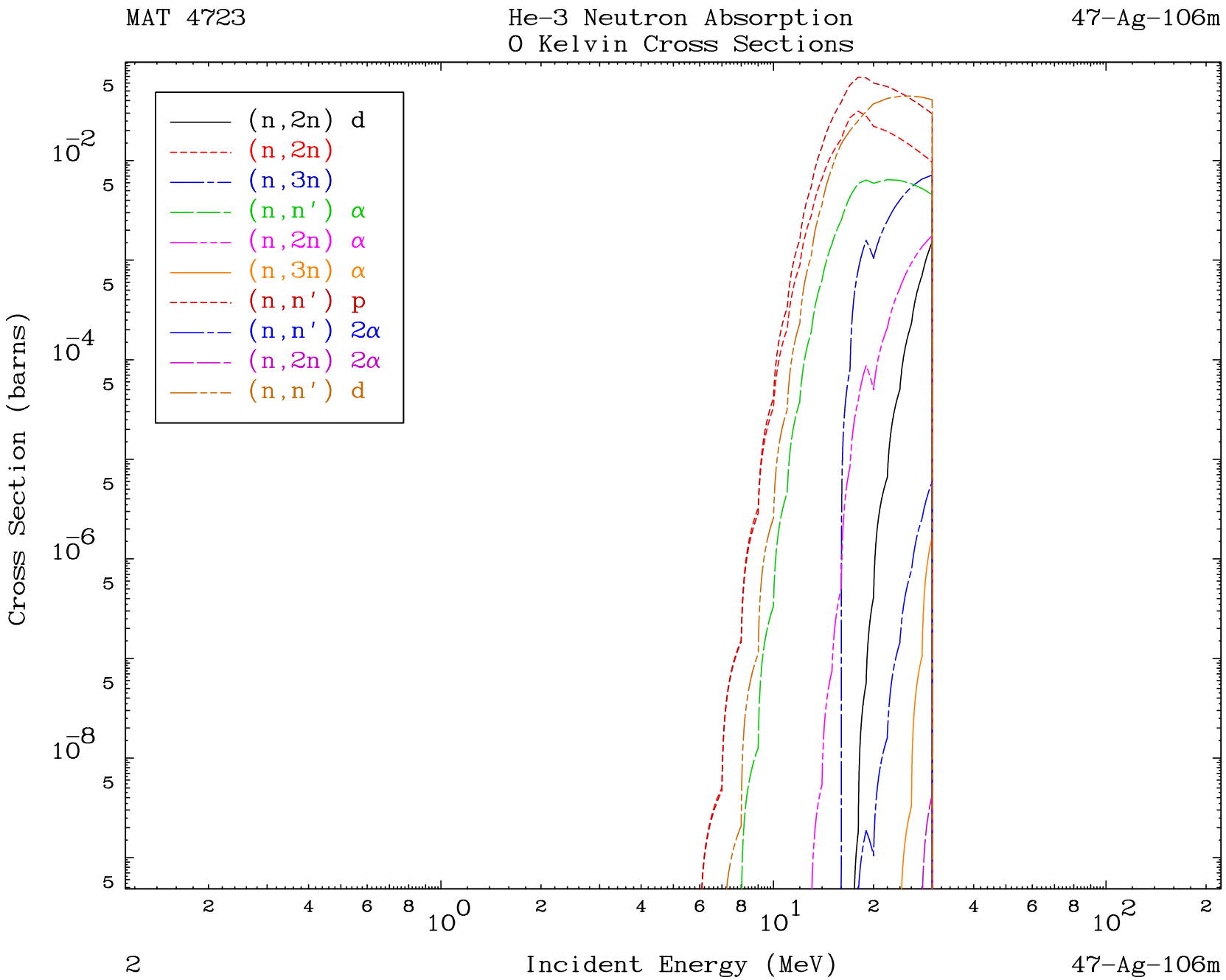
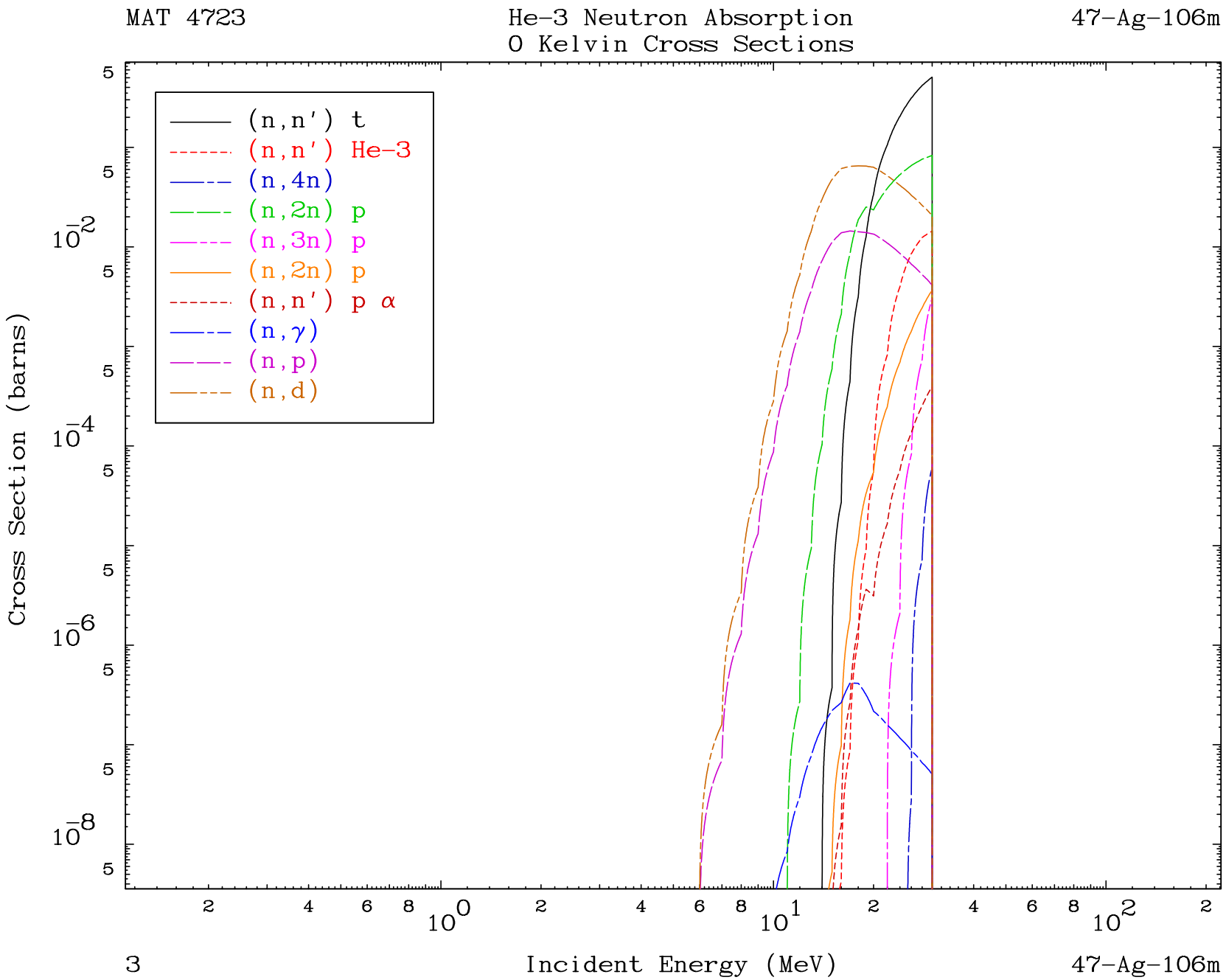
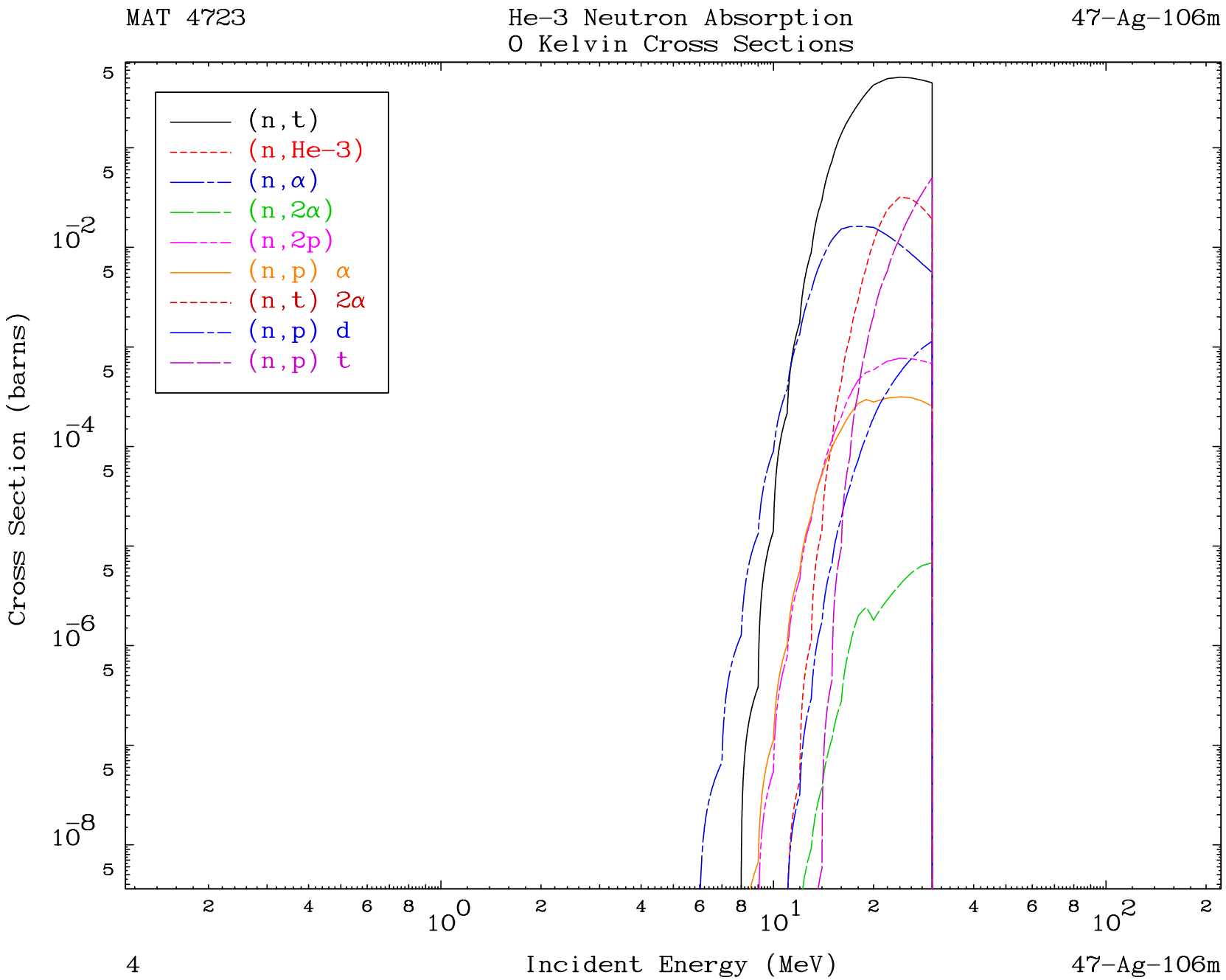
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

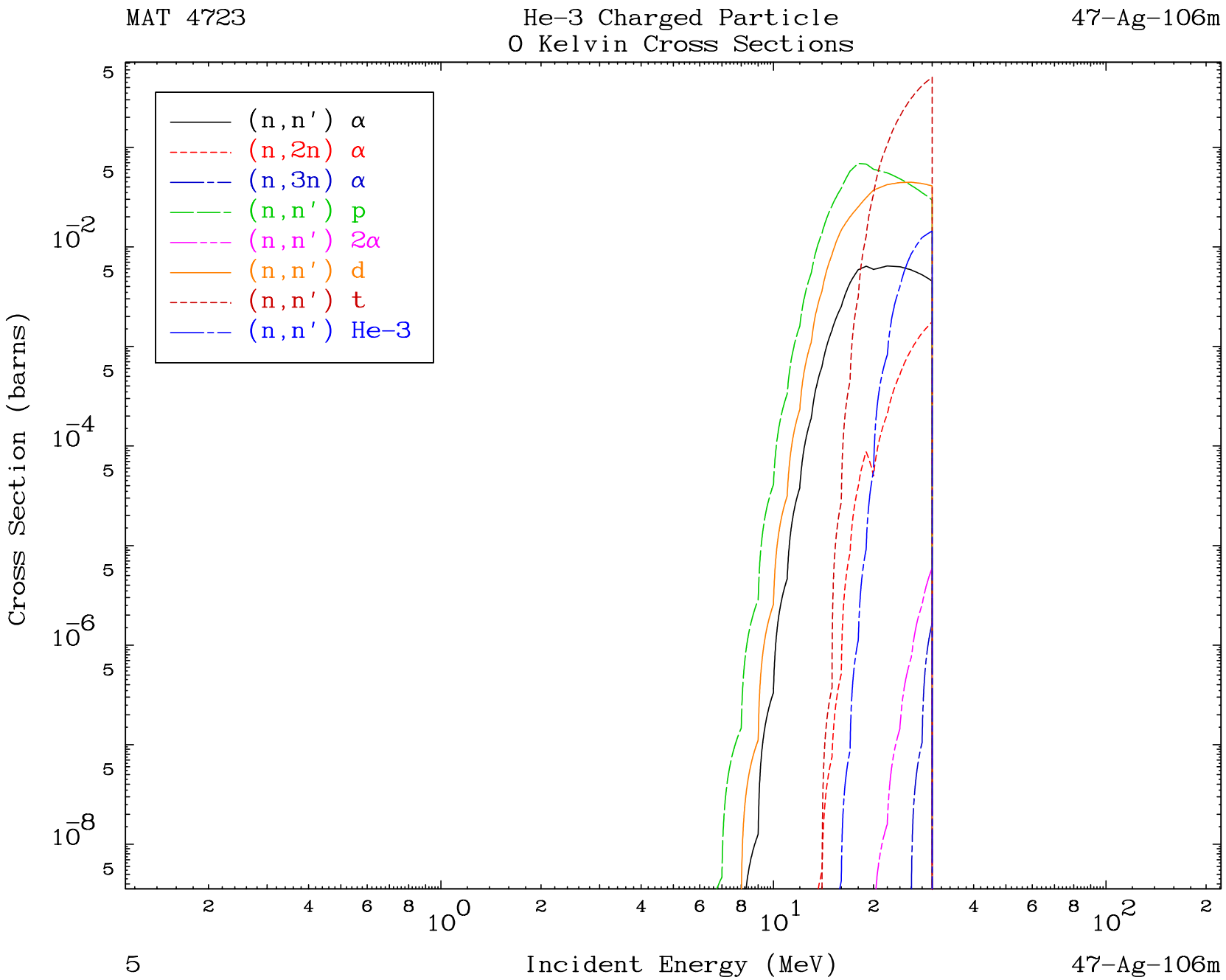
Press Mouse Button to Start

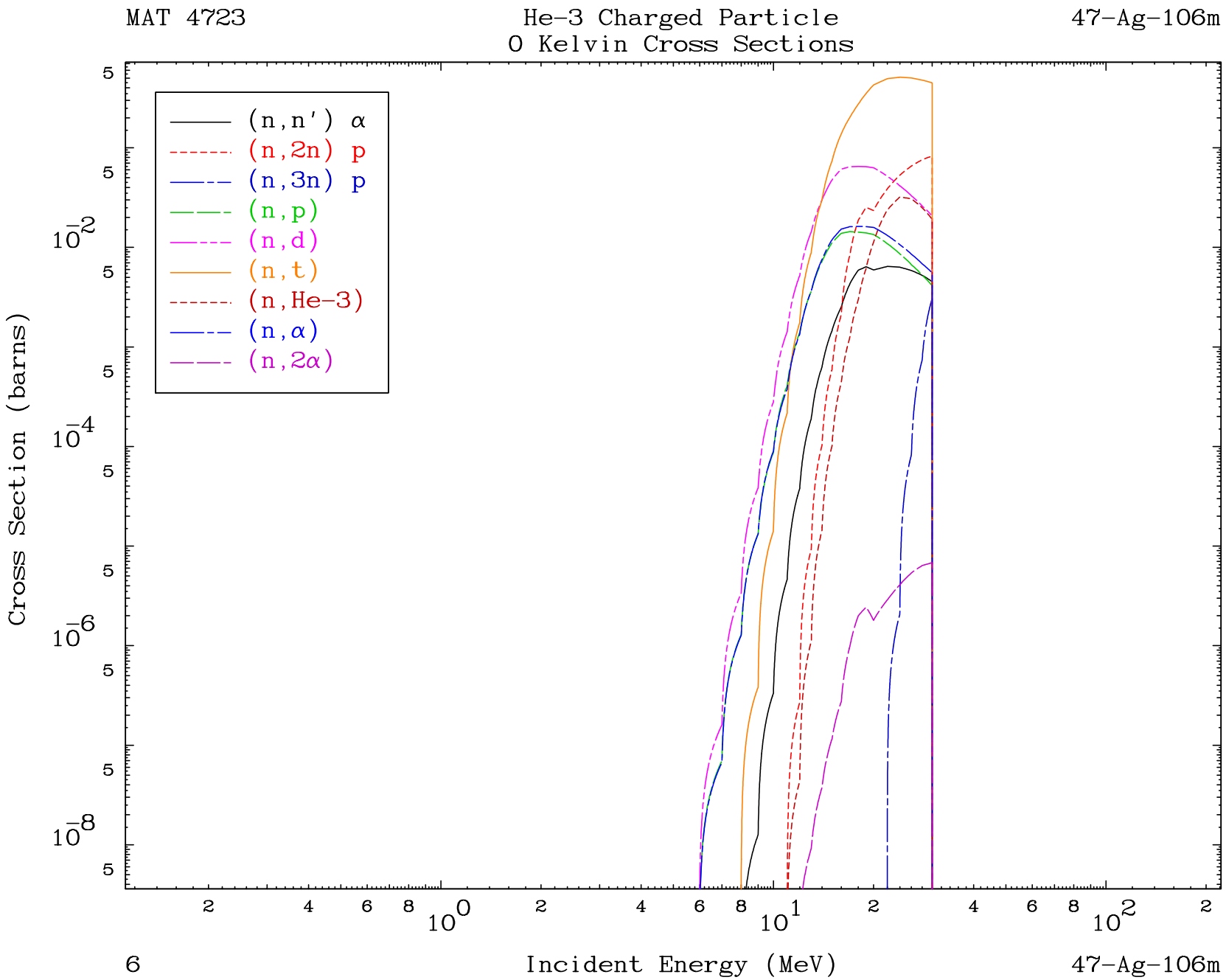

MAT 4723
He-3 Major
47-Ag-106m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m

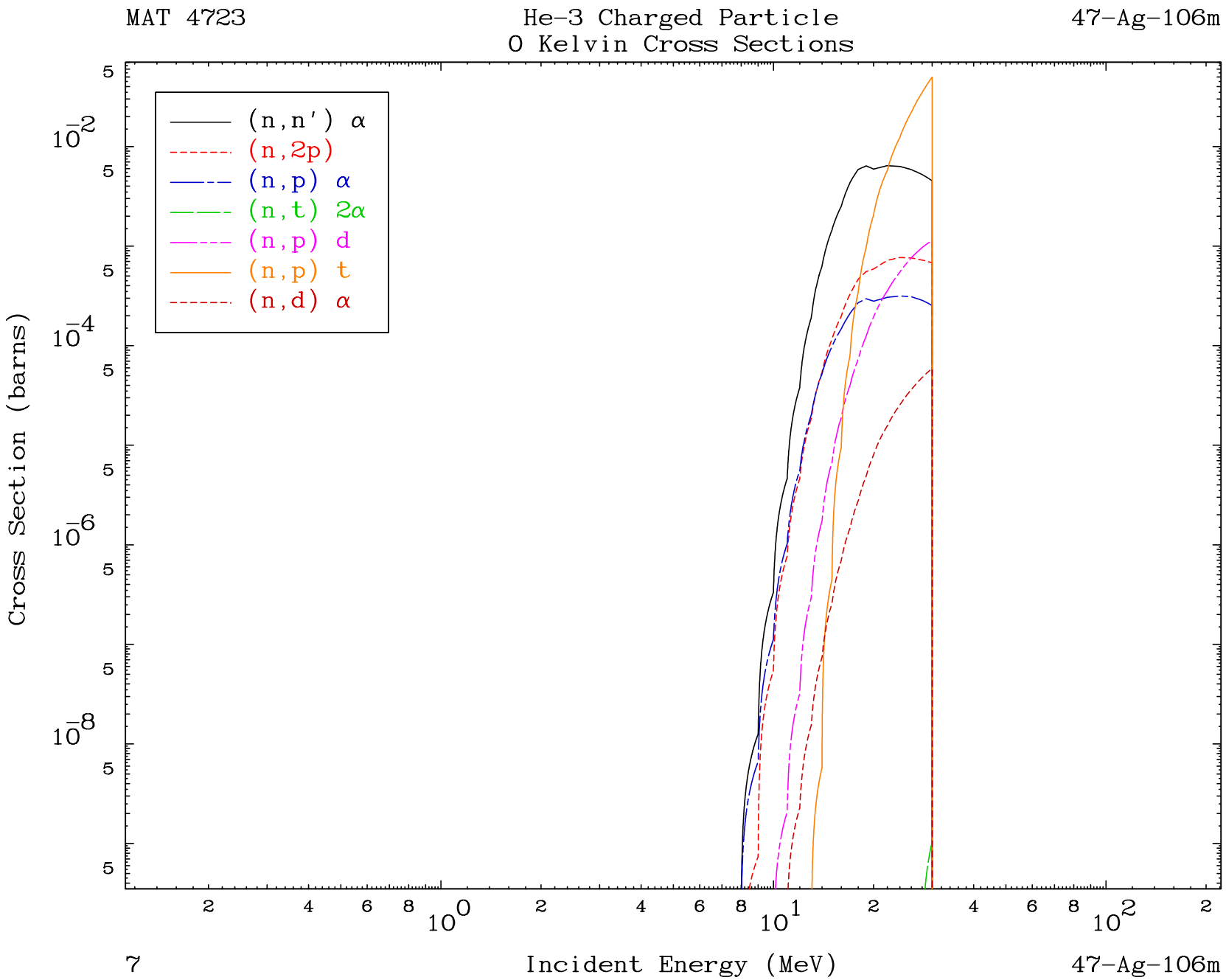

MAT 4723
He-3 Neutron Absorption
0 Kelvin Cross Sections
47-Ag-106m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m
2

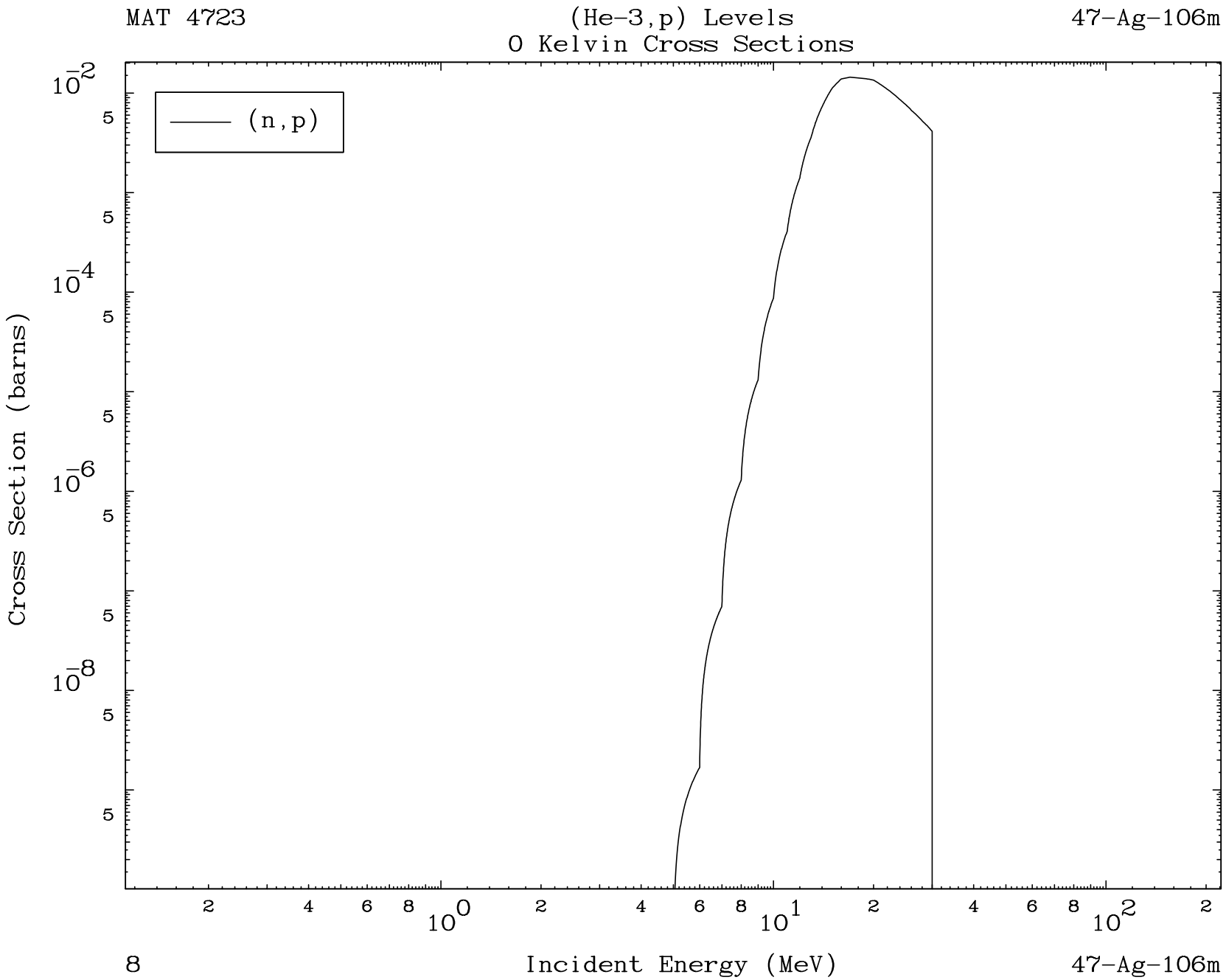

MAT 4723
He-3 Neutron Absorption
0 Kelvin Cross Sections
47-Ag-106m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
47-Ag-106m

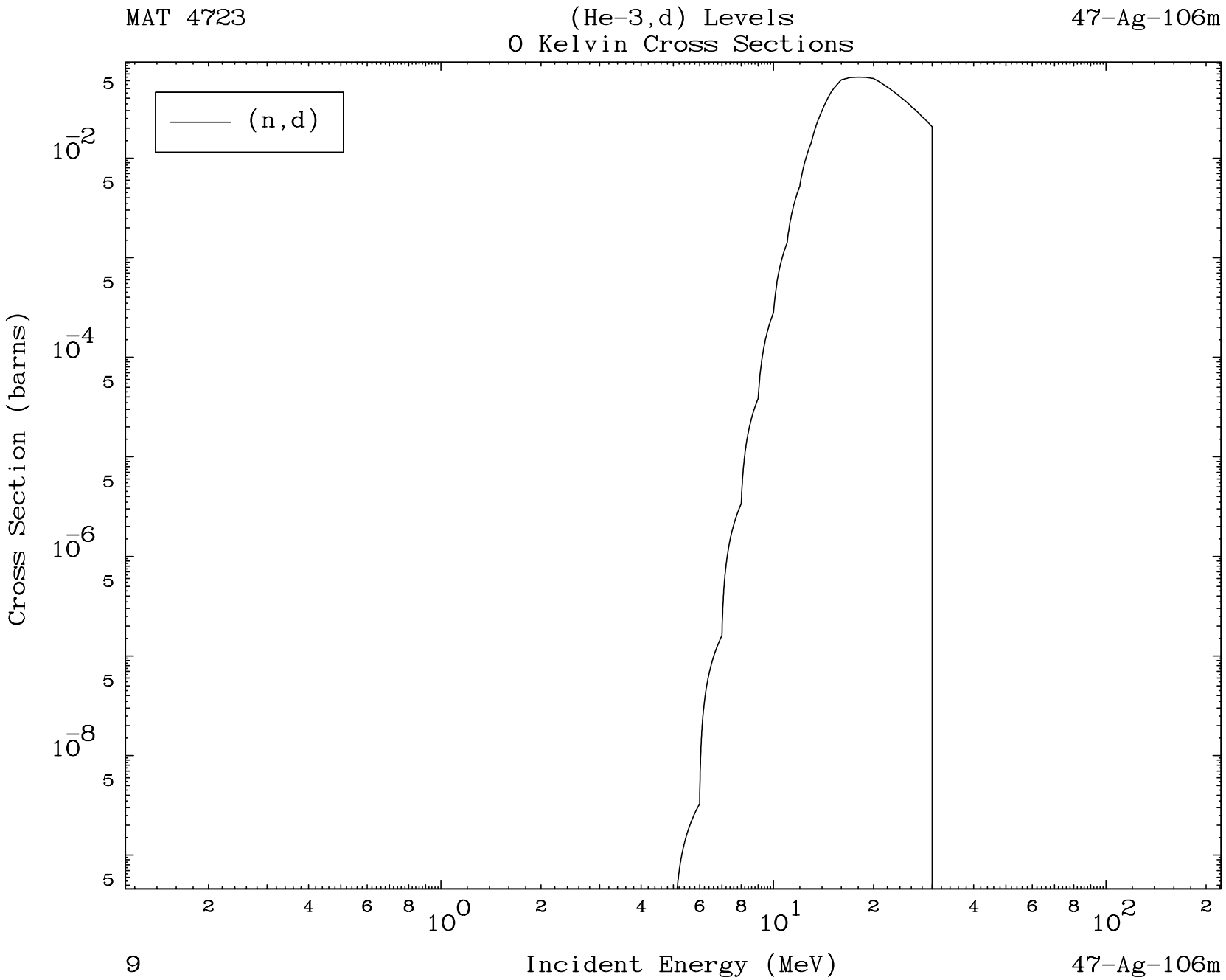

MAT 4723
He-3 Neutron Absorption
0 Kelvin Cross Sections
47-Ag-106m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
47-Ag-106m

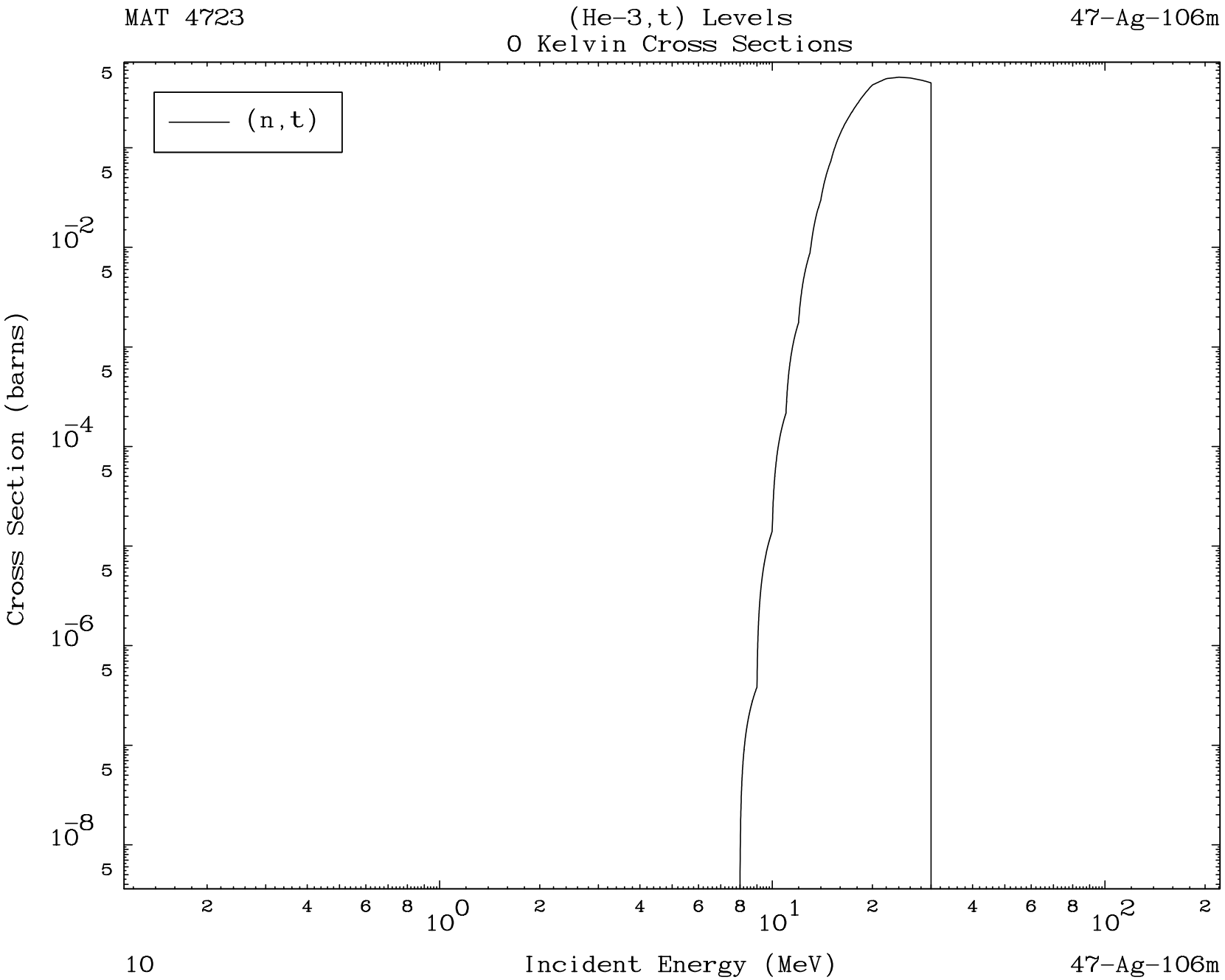

MAT 4723
He-3 Charged Particle
0 Kelvin Cross Sections
47-Ag-106m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m

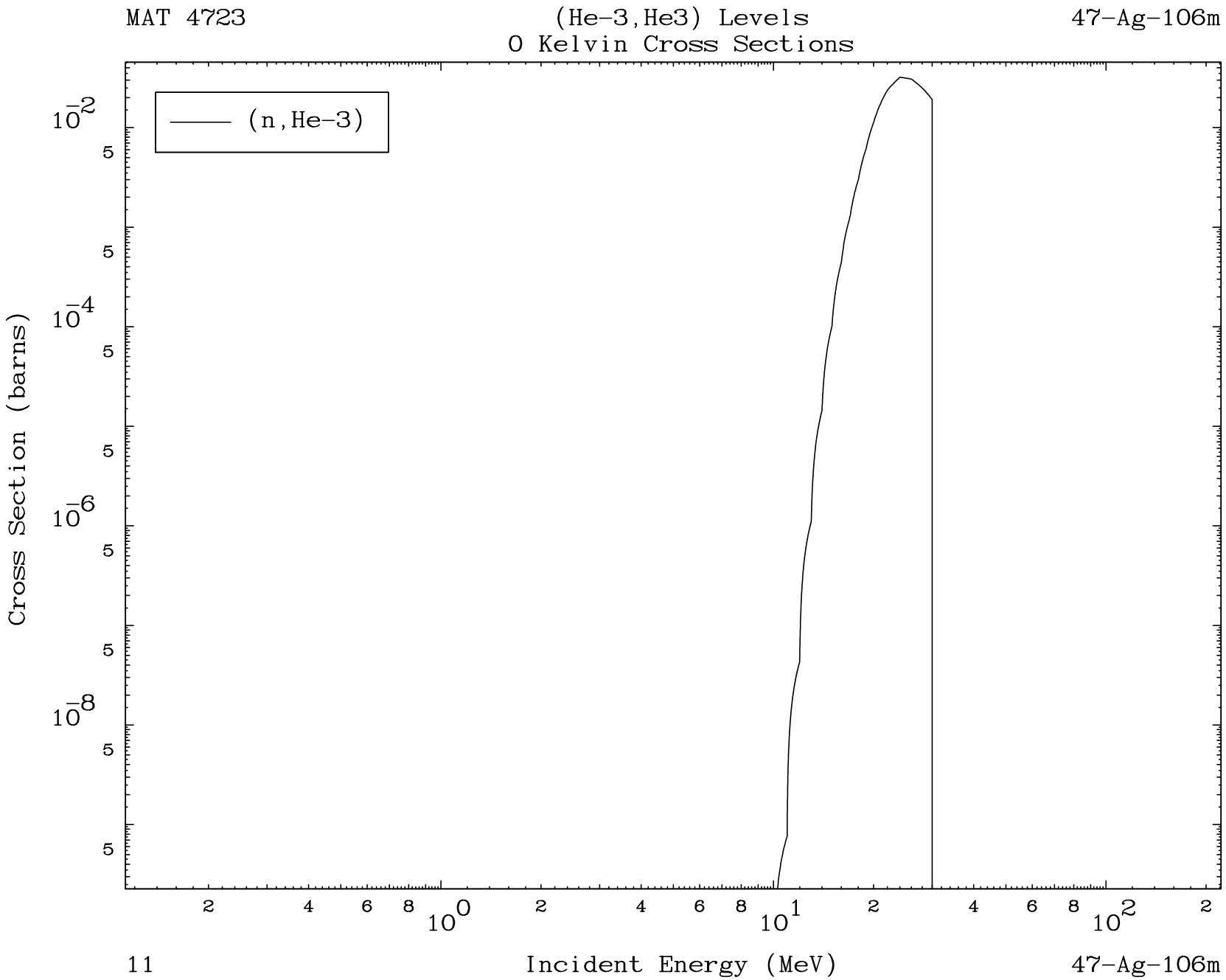

MAT 4723
He-3 Charged Particle
0 Kelvin Cross Sections
47-Ag-106m
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
47-Ag-106m

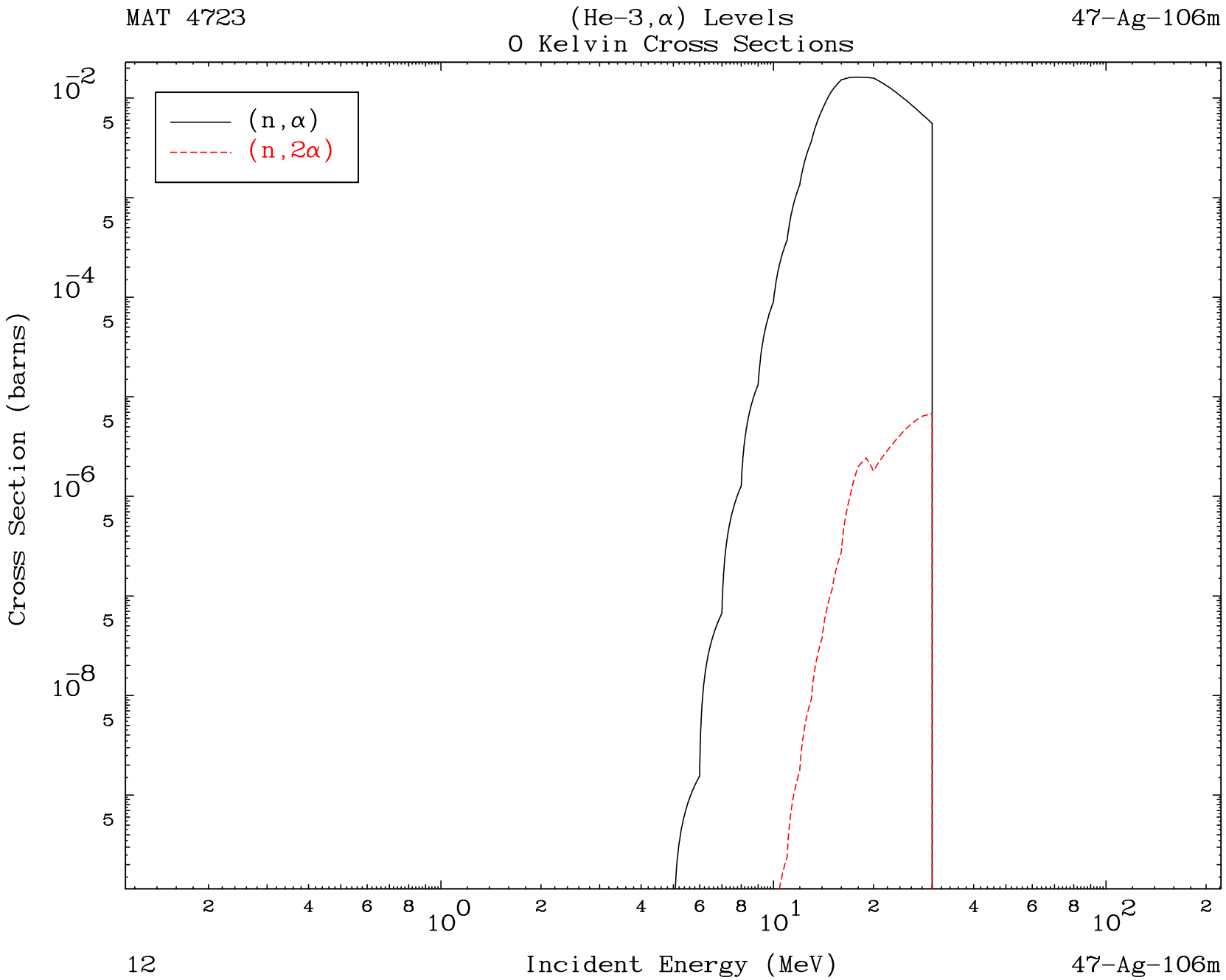

MAT 4723
He-3 Charged Particle
0 Kelvin Cross Sections
47-Ag-106m
(n,n') α
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m
7

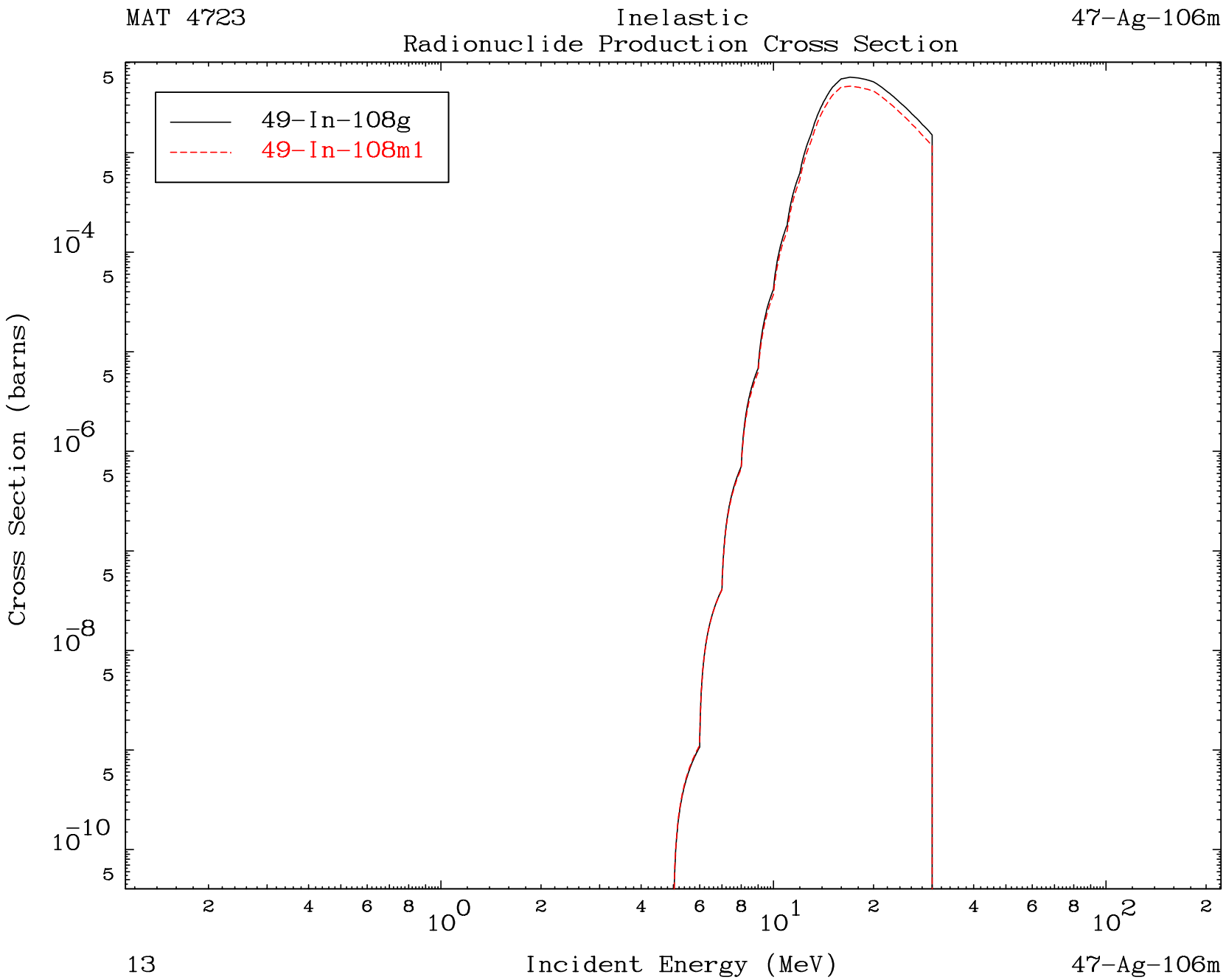

MAT 4723
(He-3,p) Levels
47-Ag-106m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m
8

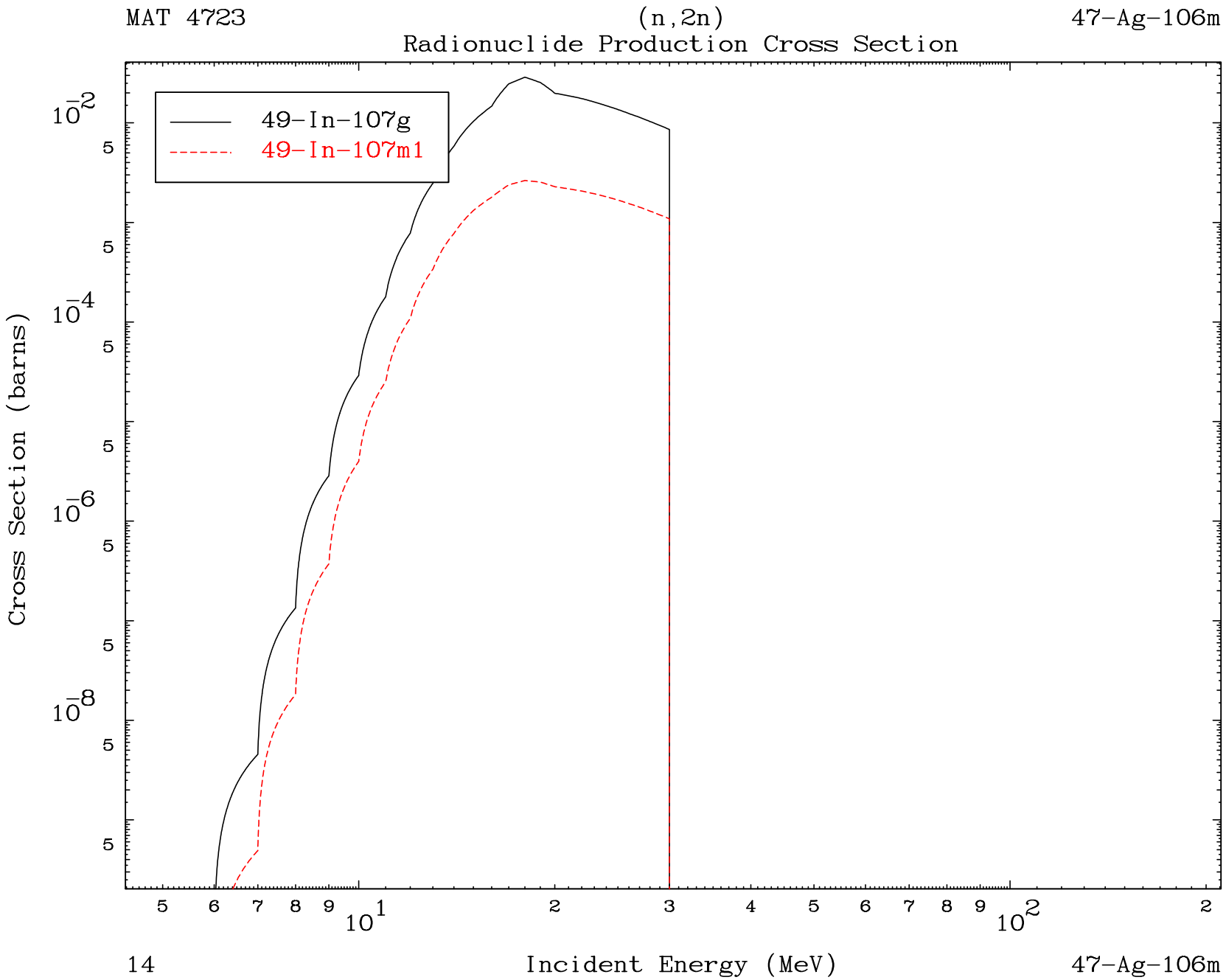

MAT 4723
(He-3,d) Levels
47-Ag-106m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
47-Ag-106m

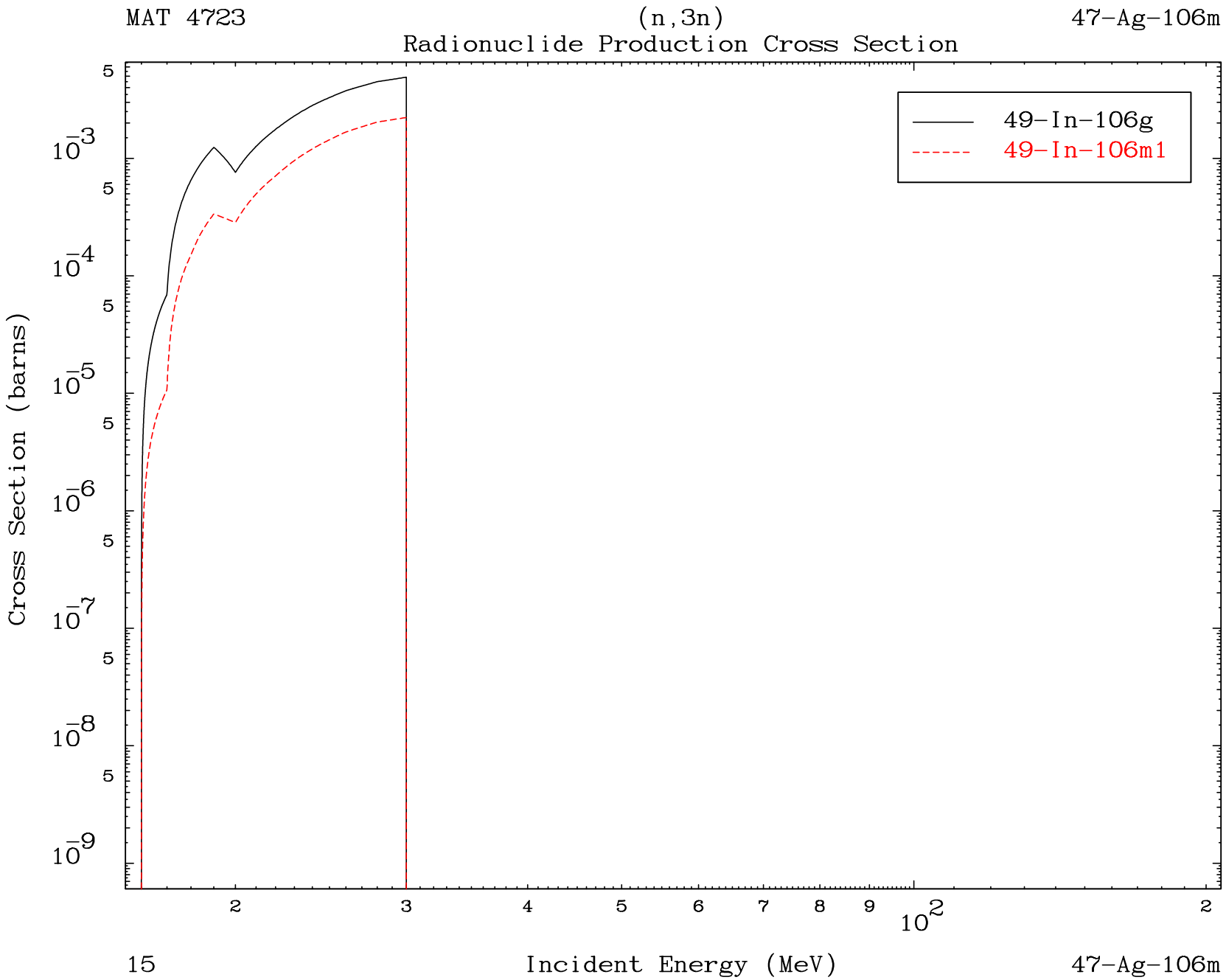

MAT 4723
(He-3,t) Levels
47-Ag-106m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
47-Ag-106m

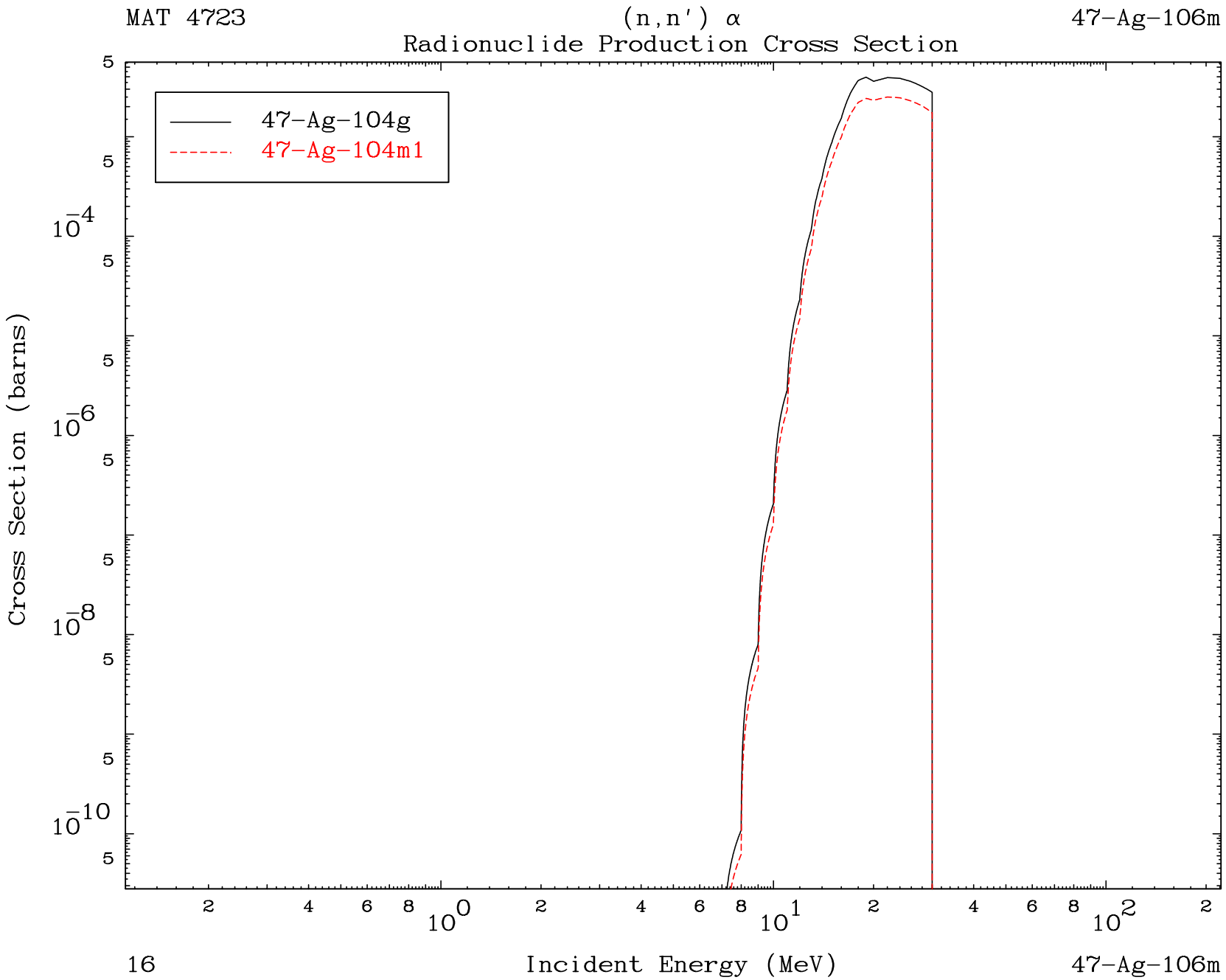

MAT 4723
(He-3,He3) Levels
47-Ag-106m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
47-Ag-106m

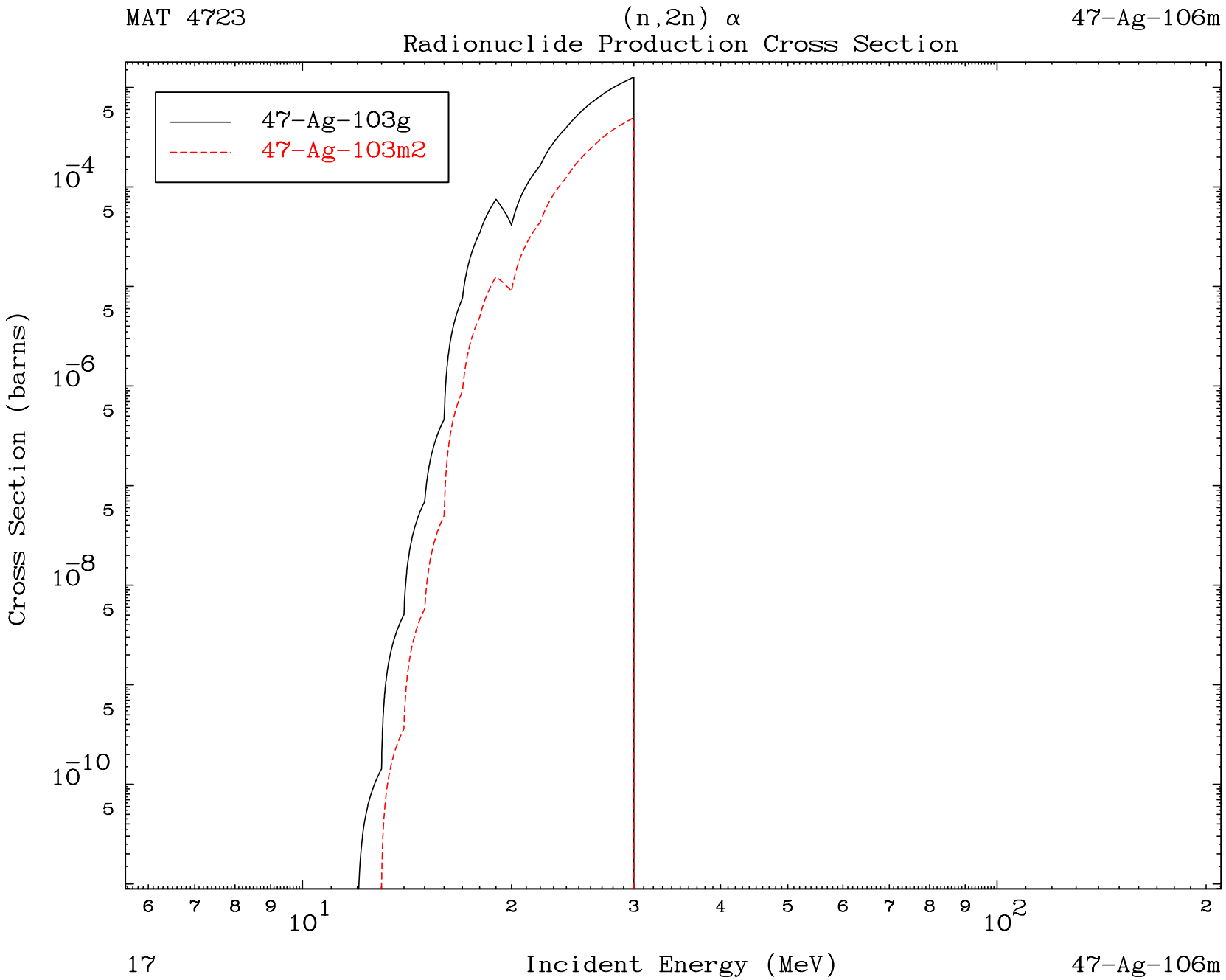

MAT 4723
(He-3,α) Levels
0 Kelvin Cross Sections
47-Ag-106m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
47-Ag-106m

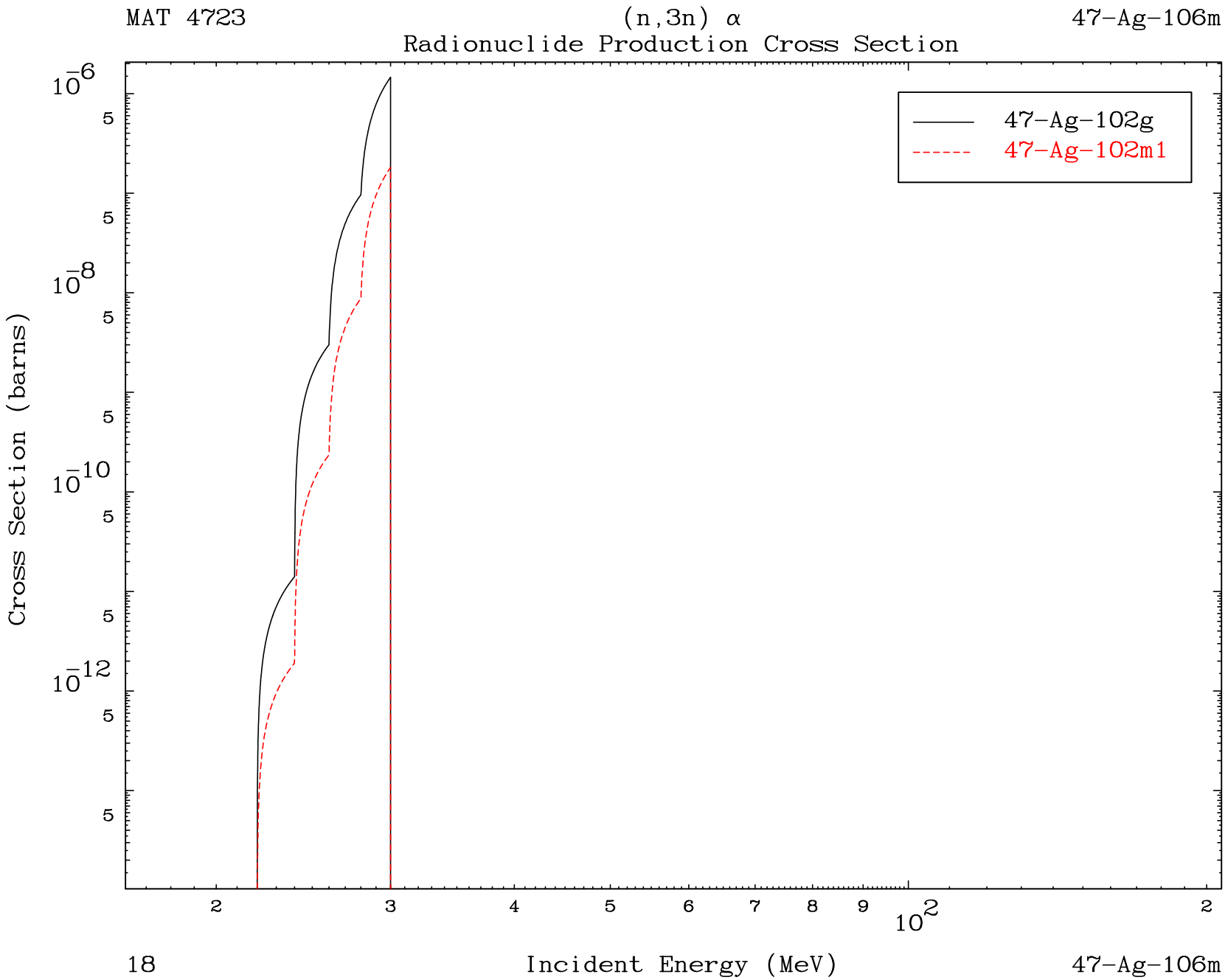

MAT 4723
Inelastic
47-Ag-106m
Radionuclide Production Cross Section
49-In-108g
49-In-108m1
Cross Section (barns)
Incident Energy (MeV)
13
47-Ag-106m

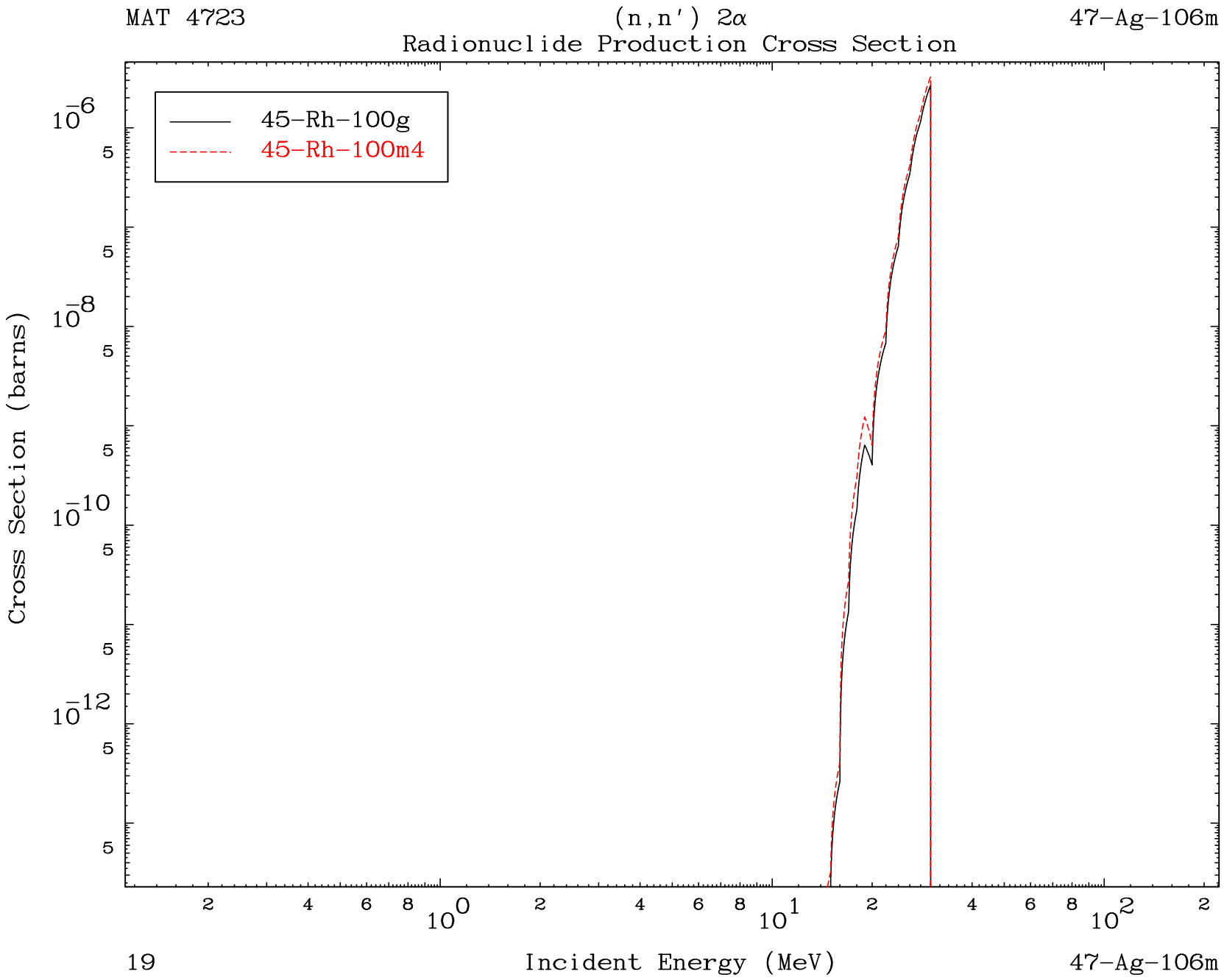

MAT 4723
(n,2n)
47-Ag-106m
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
Incident Energy (MeV)
14
47-Ag-106m

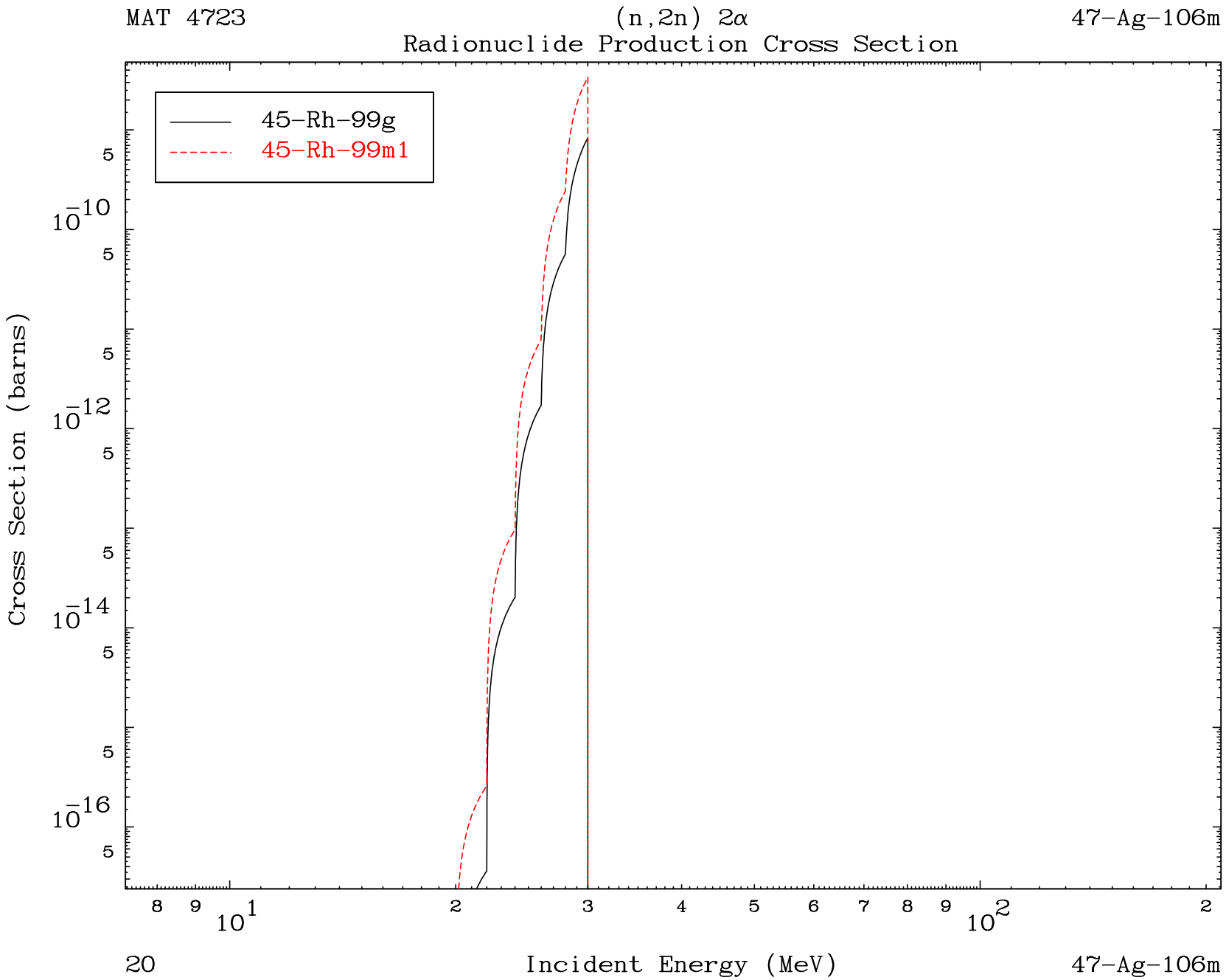

MAT 4723
(n,3n)
47-Ag-106m
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
Incident Energy (MeV)
15
47-Ag-106m

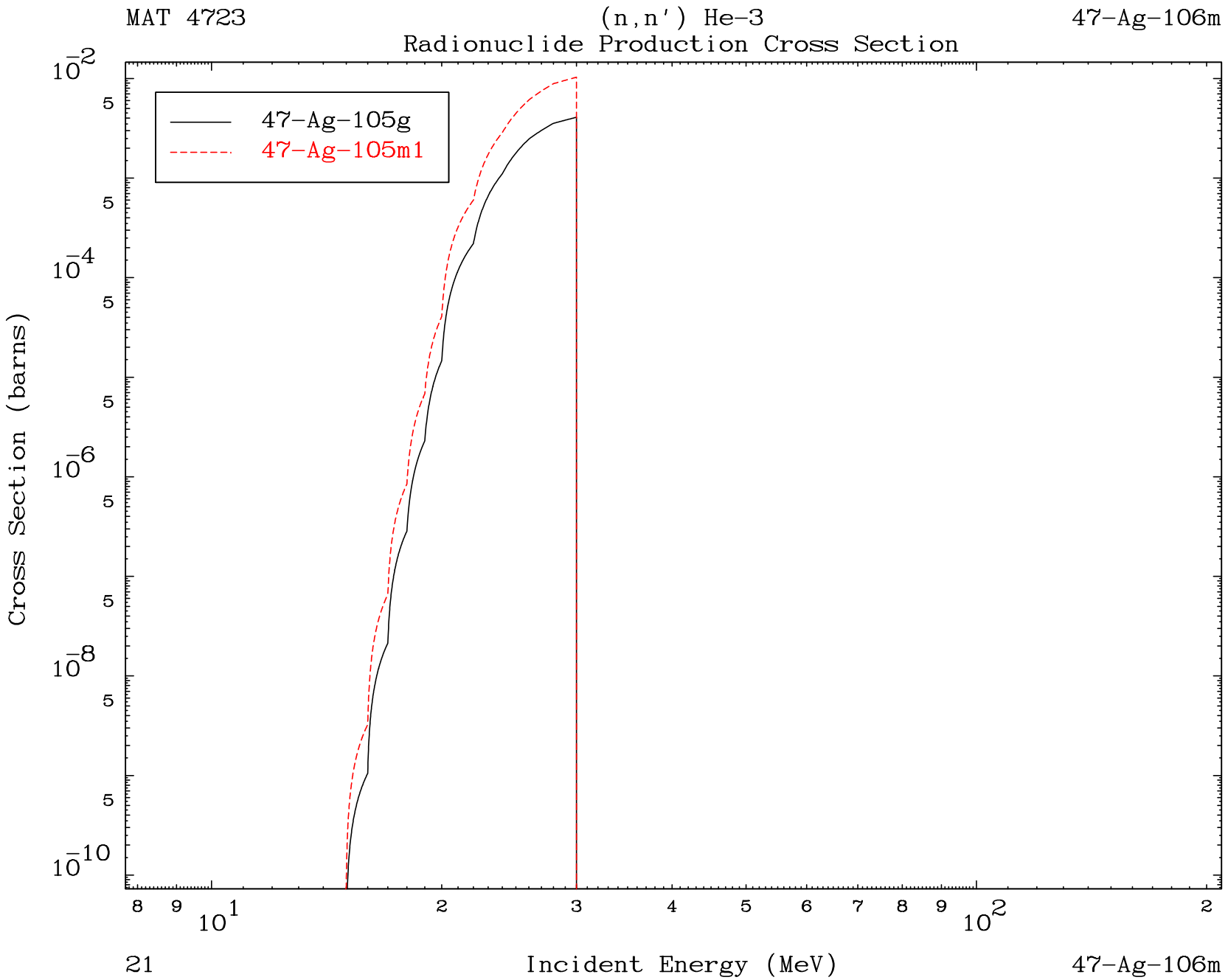

MAT 4723
(n,n') α
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
16
47-Ag-106m

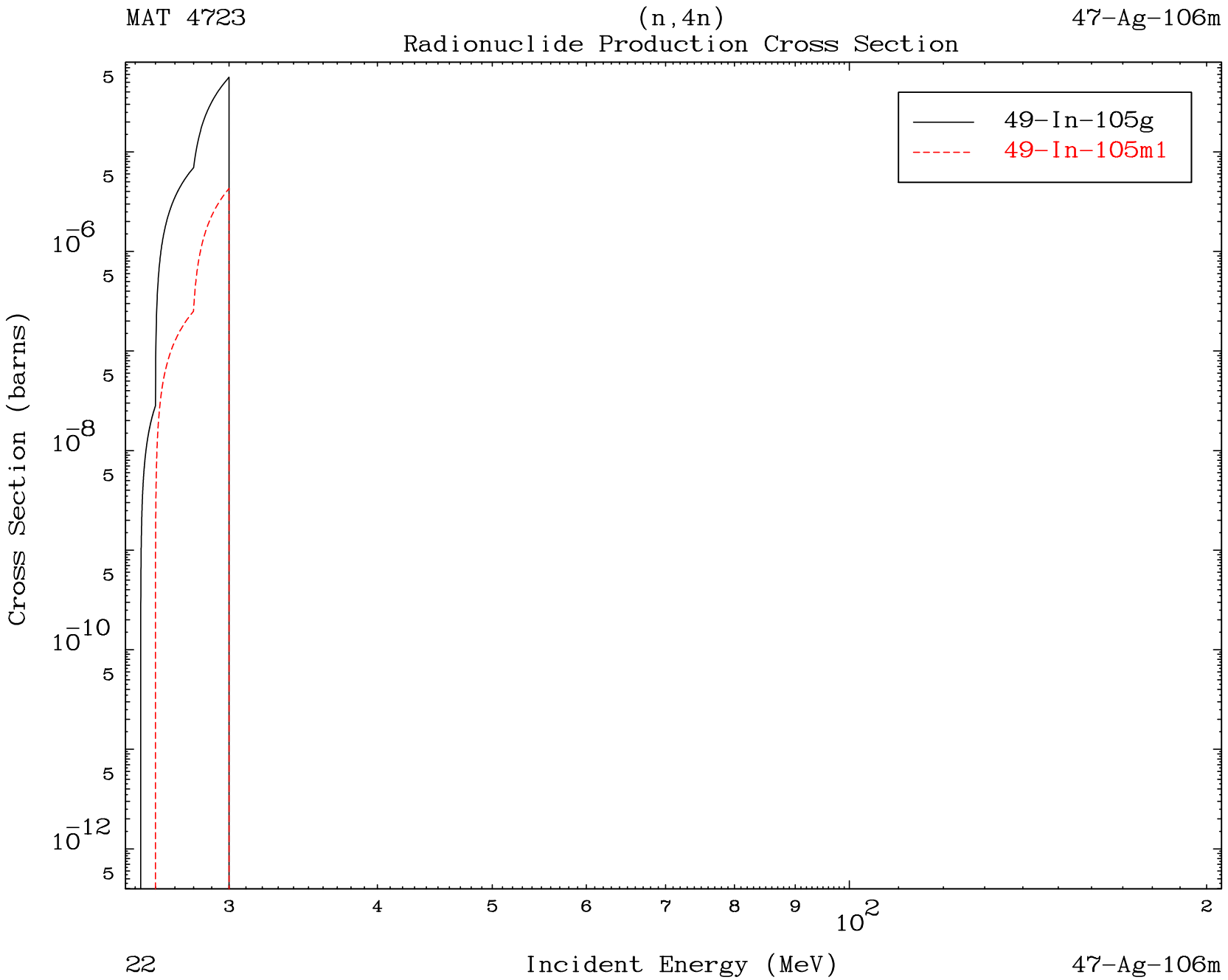

MAT 4723
(n,2n) α
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
17
47-Ag-106m

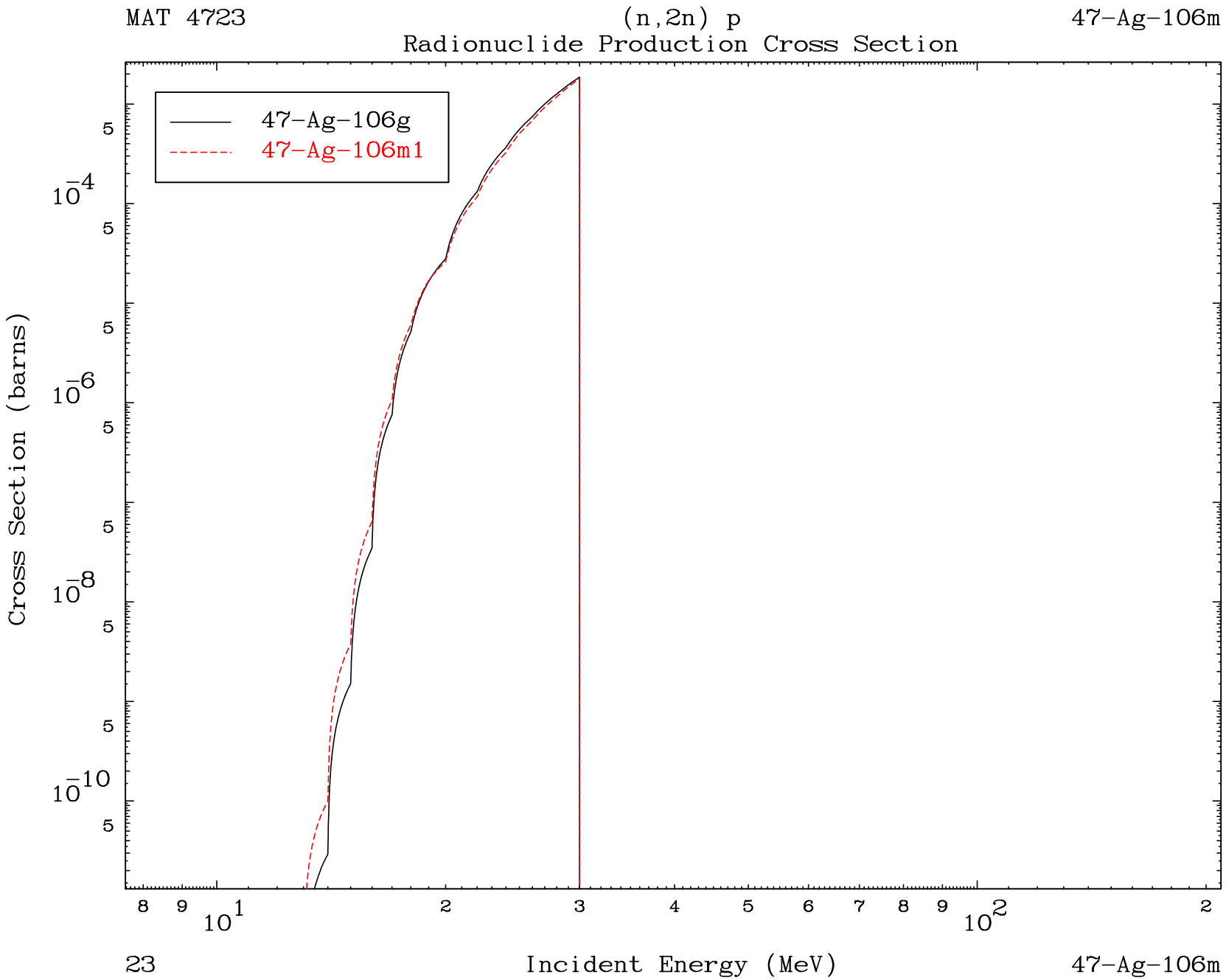

MAT 4723
(n,3n) α
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
Incident Energy (MeV)
18
47-Ag-106m

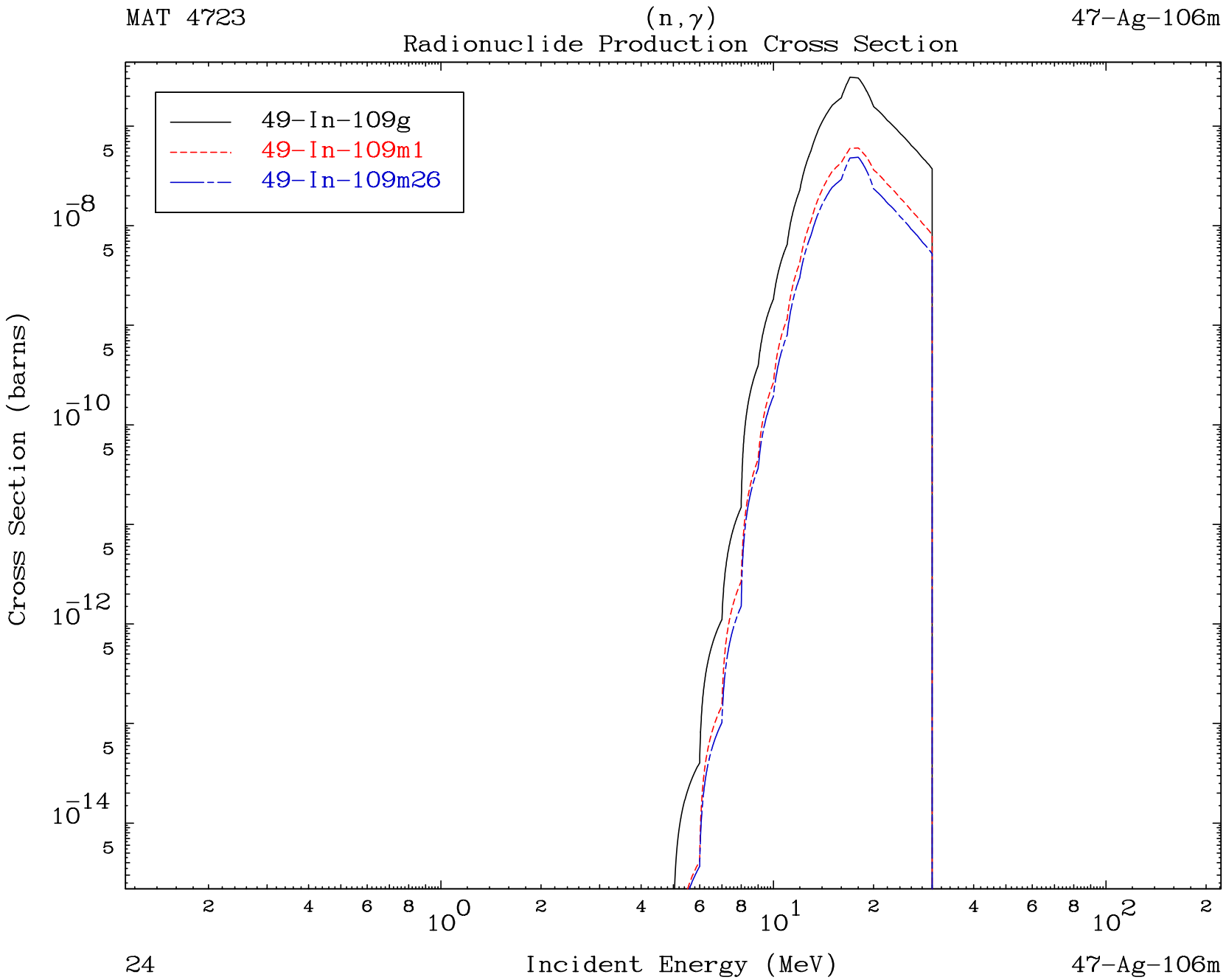

MAT 4723
(n,n') 2α
47-Ag-106m
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
19
47-Ag-106m

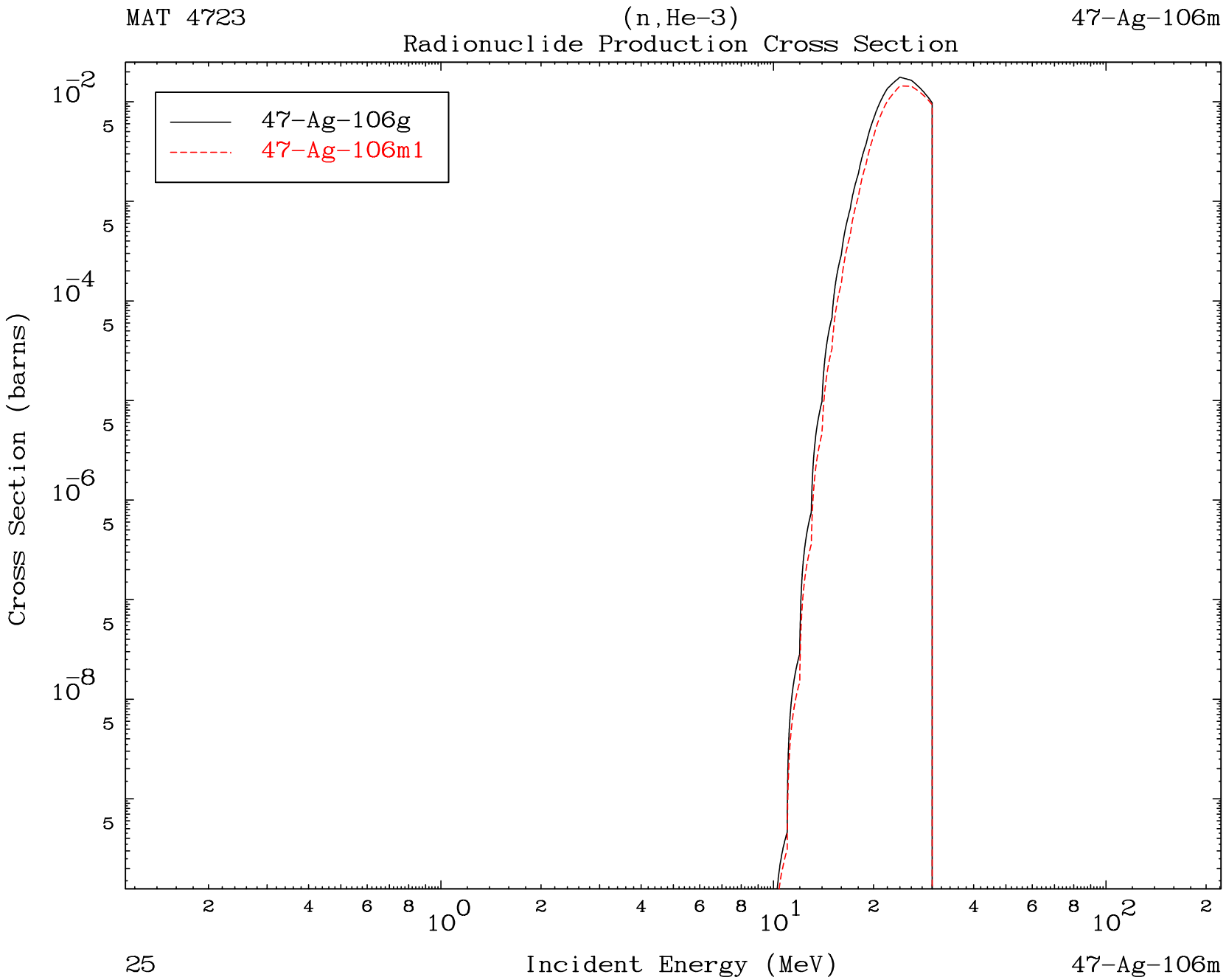

MAT 4723
(n,2n) 2α
47-Ag-106m
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
Incident Energy (MeV)
20
47-Ag-106m

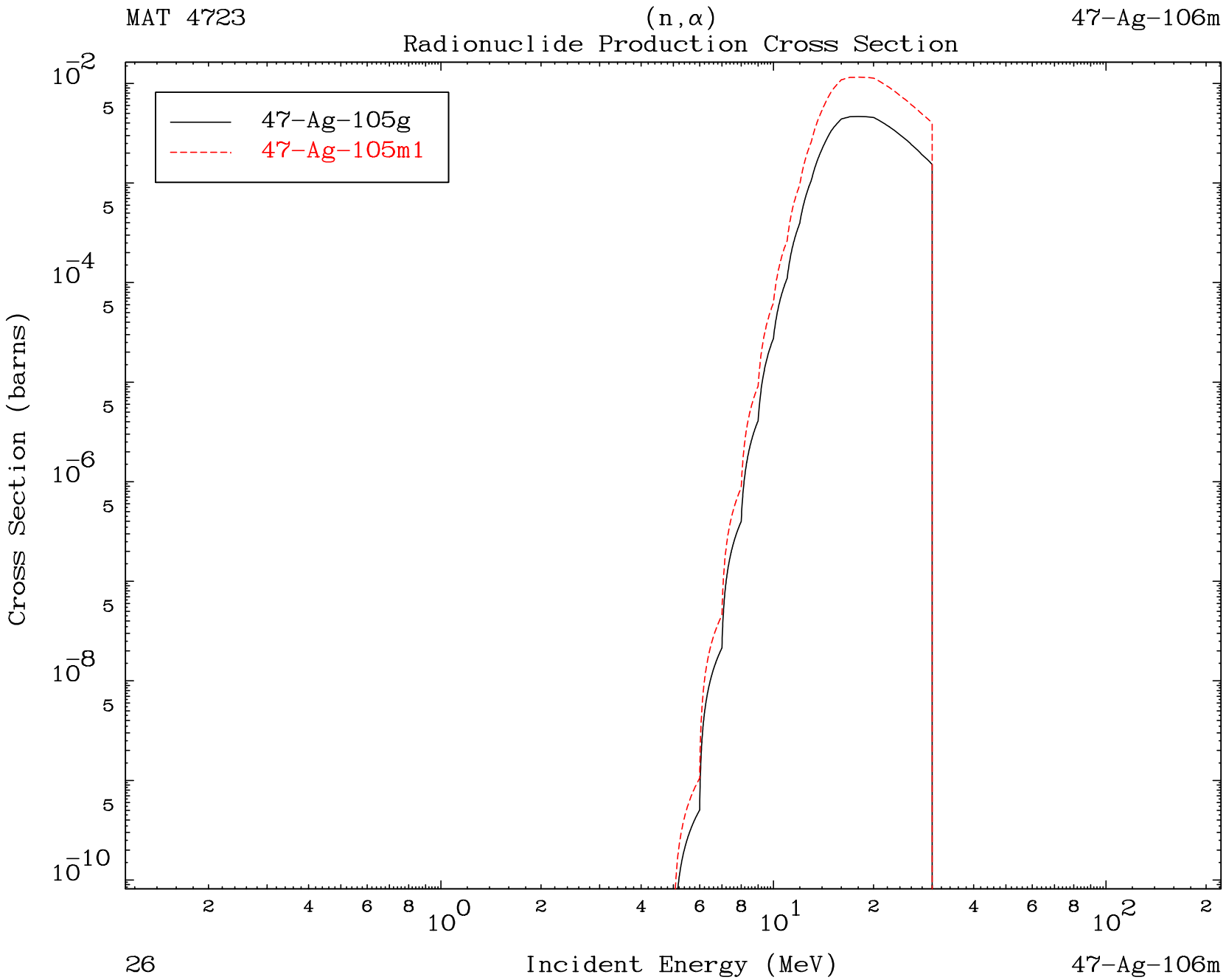

MAT 4723
(n,n') He-3
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
21
47-Ag-106m

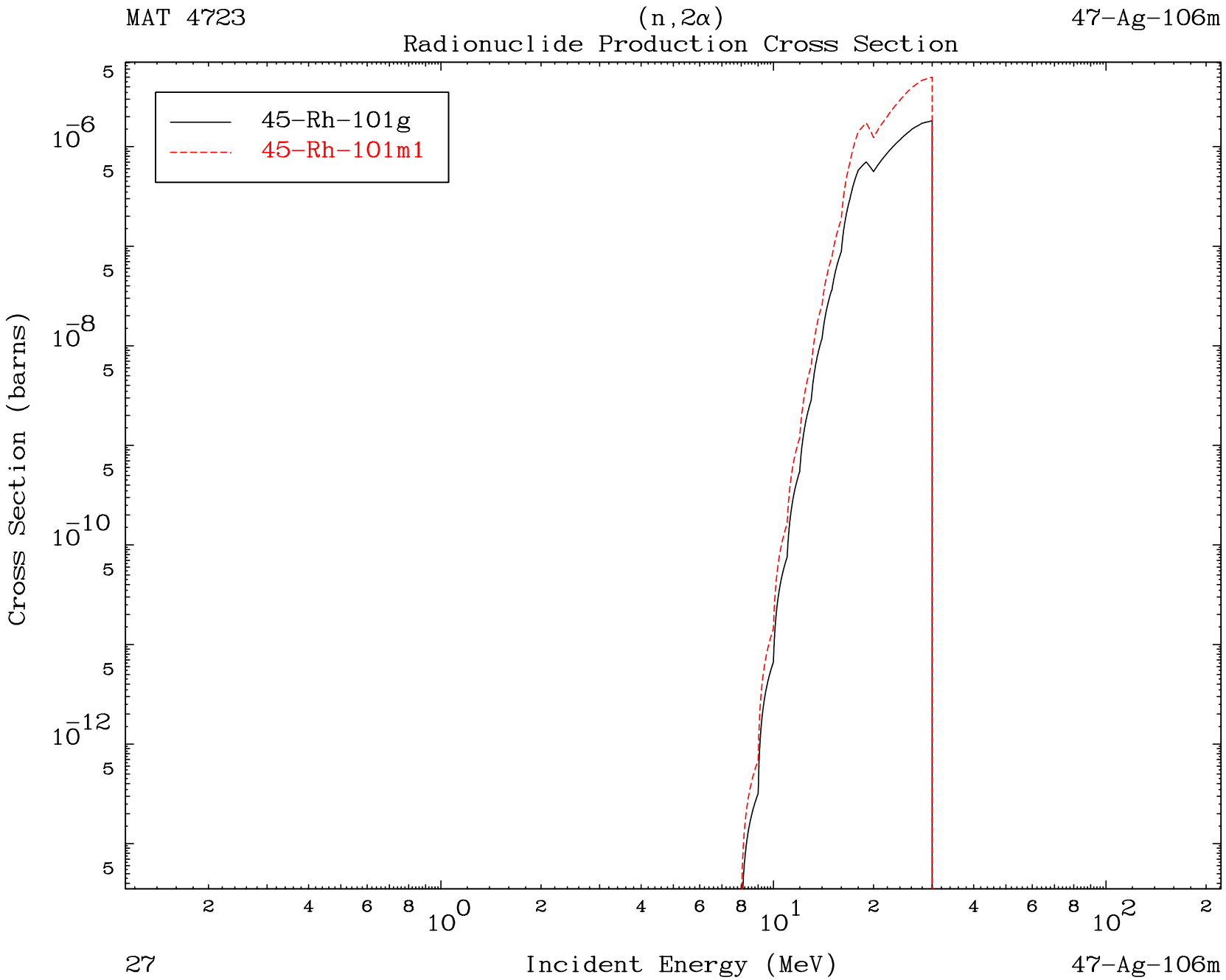

MAT 4723
(n,4n)
47-Ag-106m
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
Incident Energy (MeV)
22
47-Ag-106m

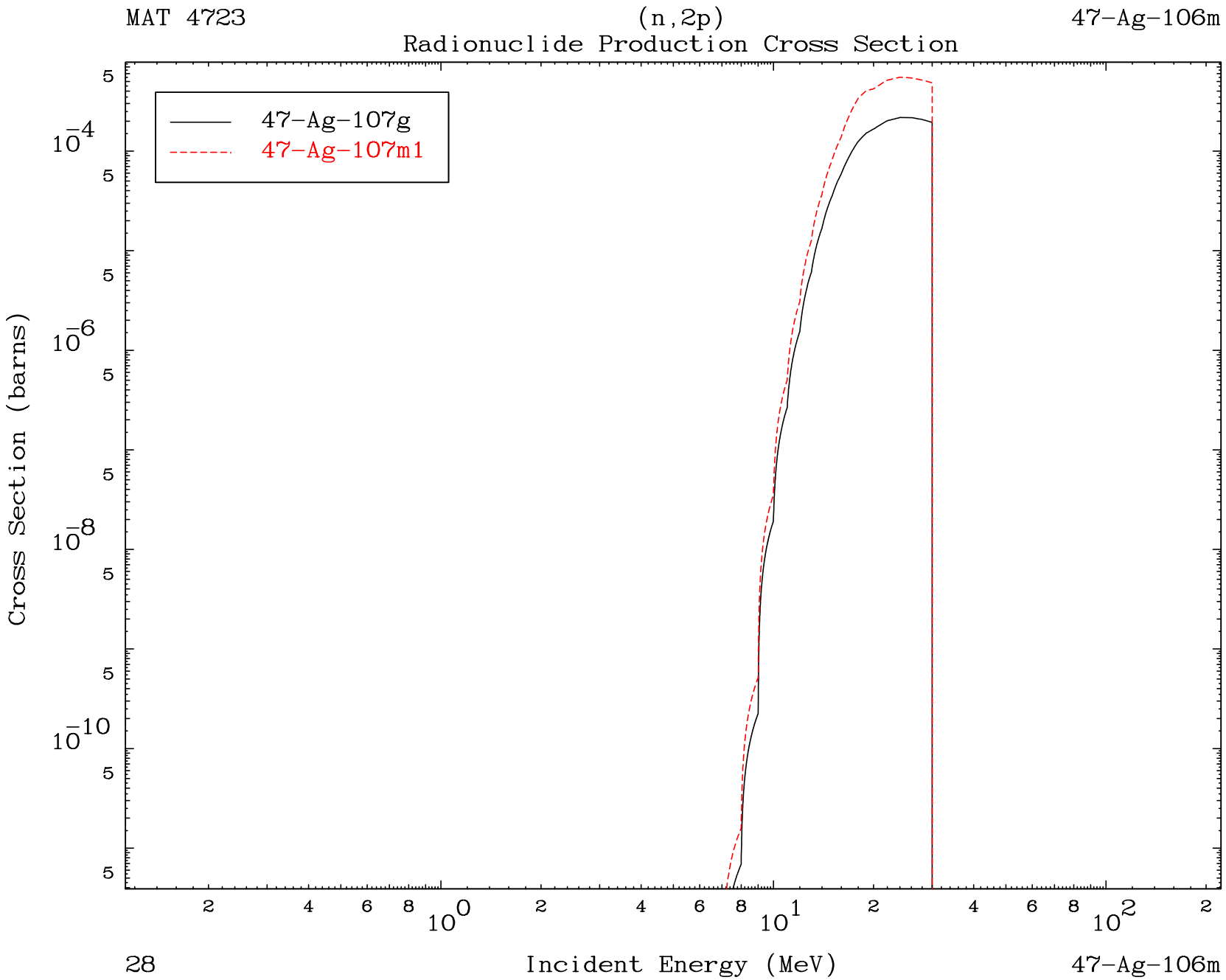

MAT 4723
(n,2n) p
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
23
47-Ag-106m

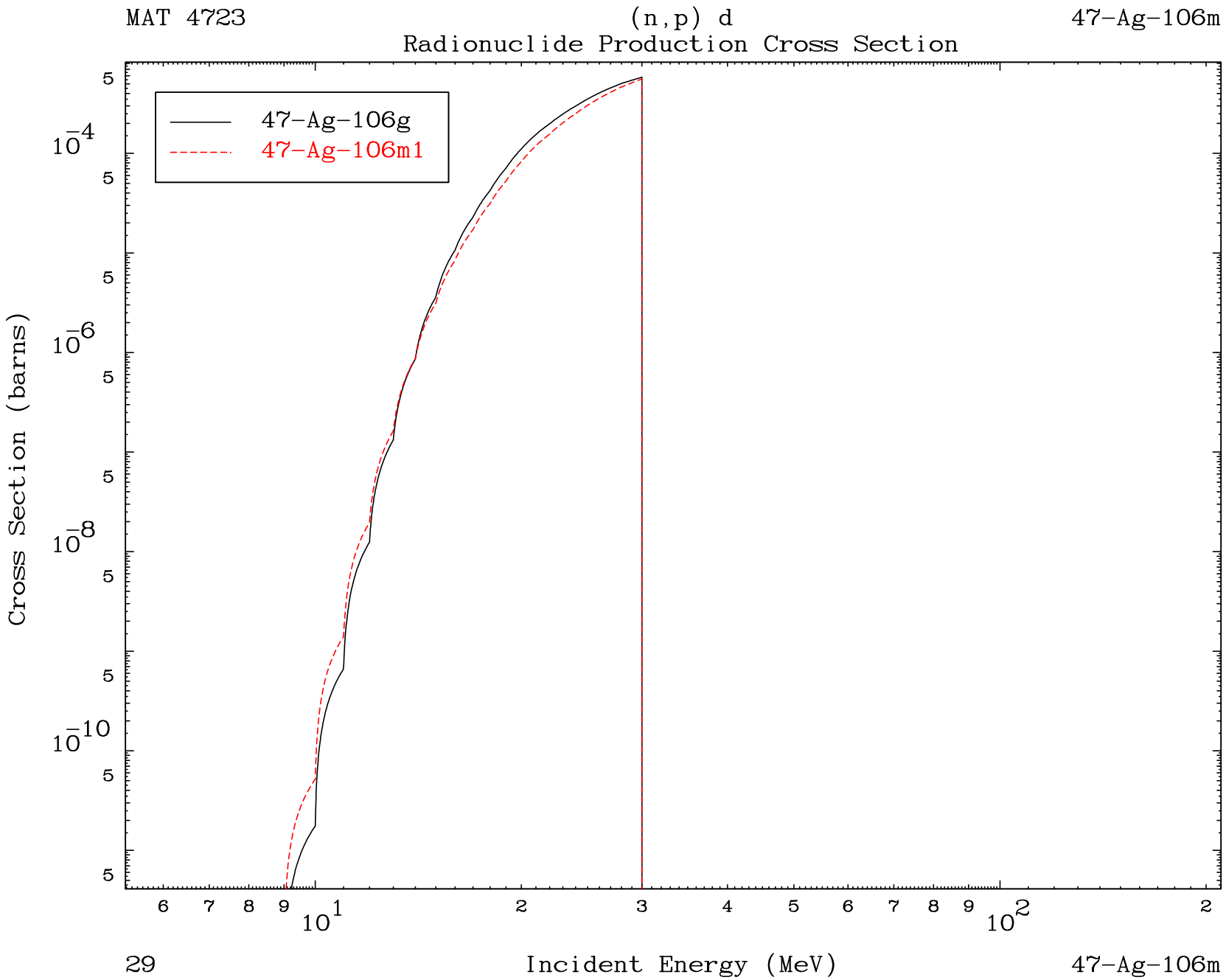

MAT 4723
(n,γ)
47-Ag-106m
Radionuclide Production Cross Section
49-In-109g
49-In-109m1
49-In-109m26
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
4
6
8
100
101
102
24
Incident Energy (MeV)
47-Ag-106m

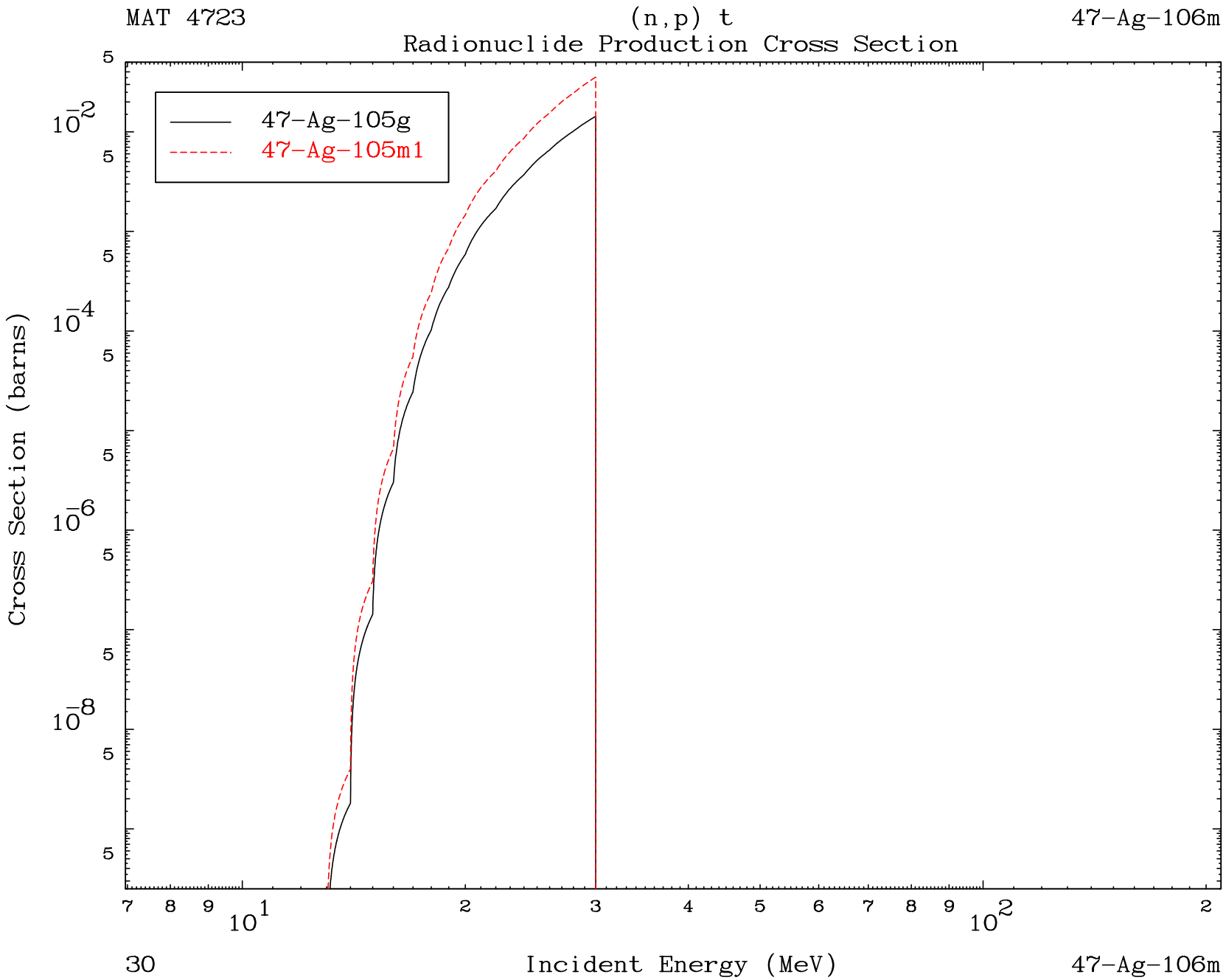

MAT 4723
(n,He-3)
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
Incident Energy (MeV)
25
47-Ag-106m


MAT 4723
(n,α)
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
26
47-Ag-106m


MAT 4723
(n,2α)
47-Ag-106m
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
Incident Energy (MeV)
27
47-Ag-106m


MAT 4723
(n,2p)
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-107g
47-Ag-107m1
Cross Section (barns)
Incident Energy (MeV)
28
47-Ag-106m


MAT 4723
(n,p) d
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
Incident Energy (MeV)
29
47-Ag-106m


MAT 4723
(n,p) t
47-Ag-106m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
30
47-Ag-106m