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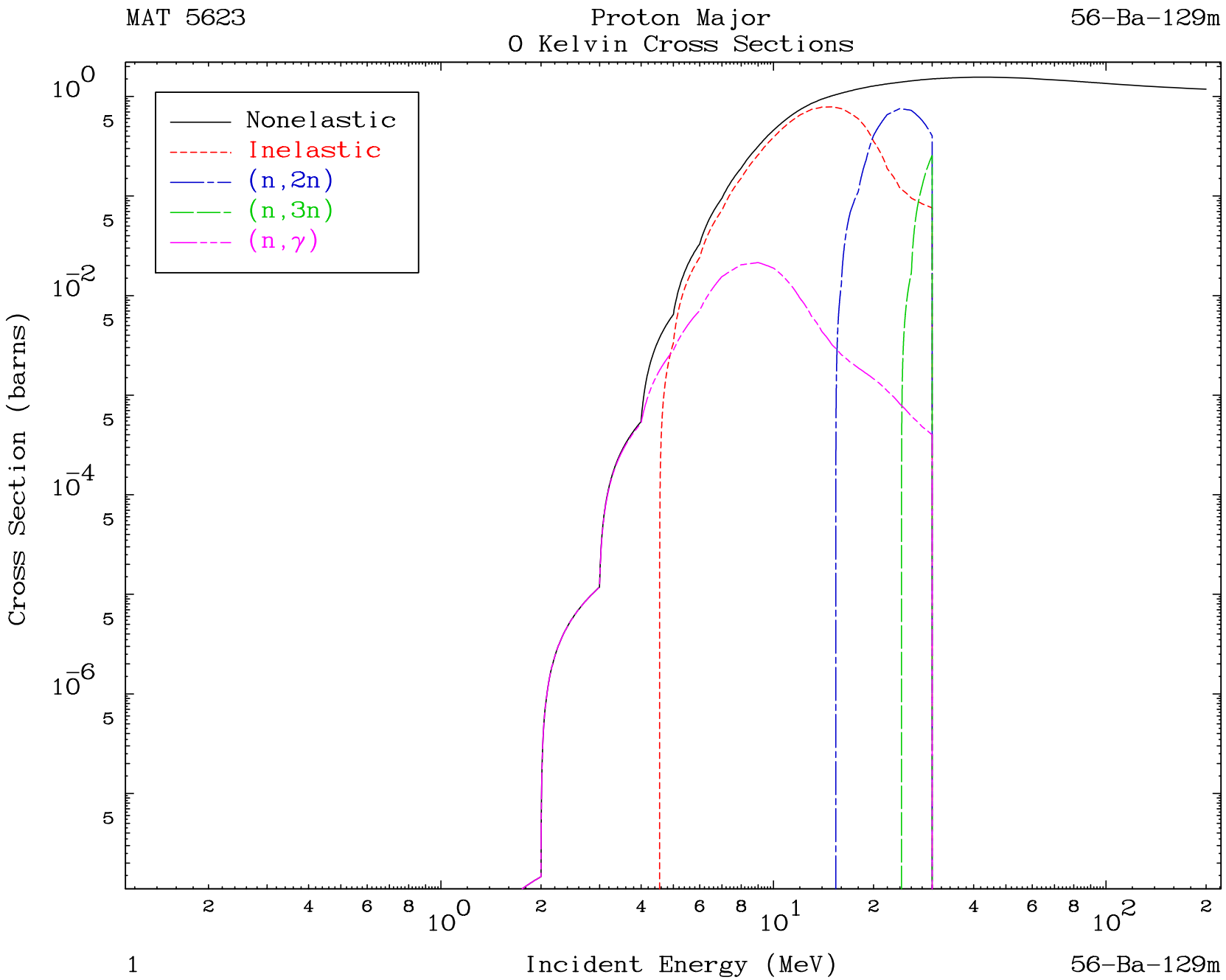
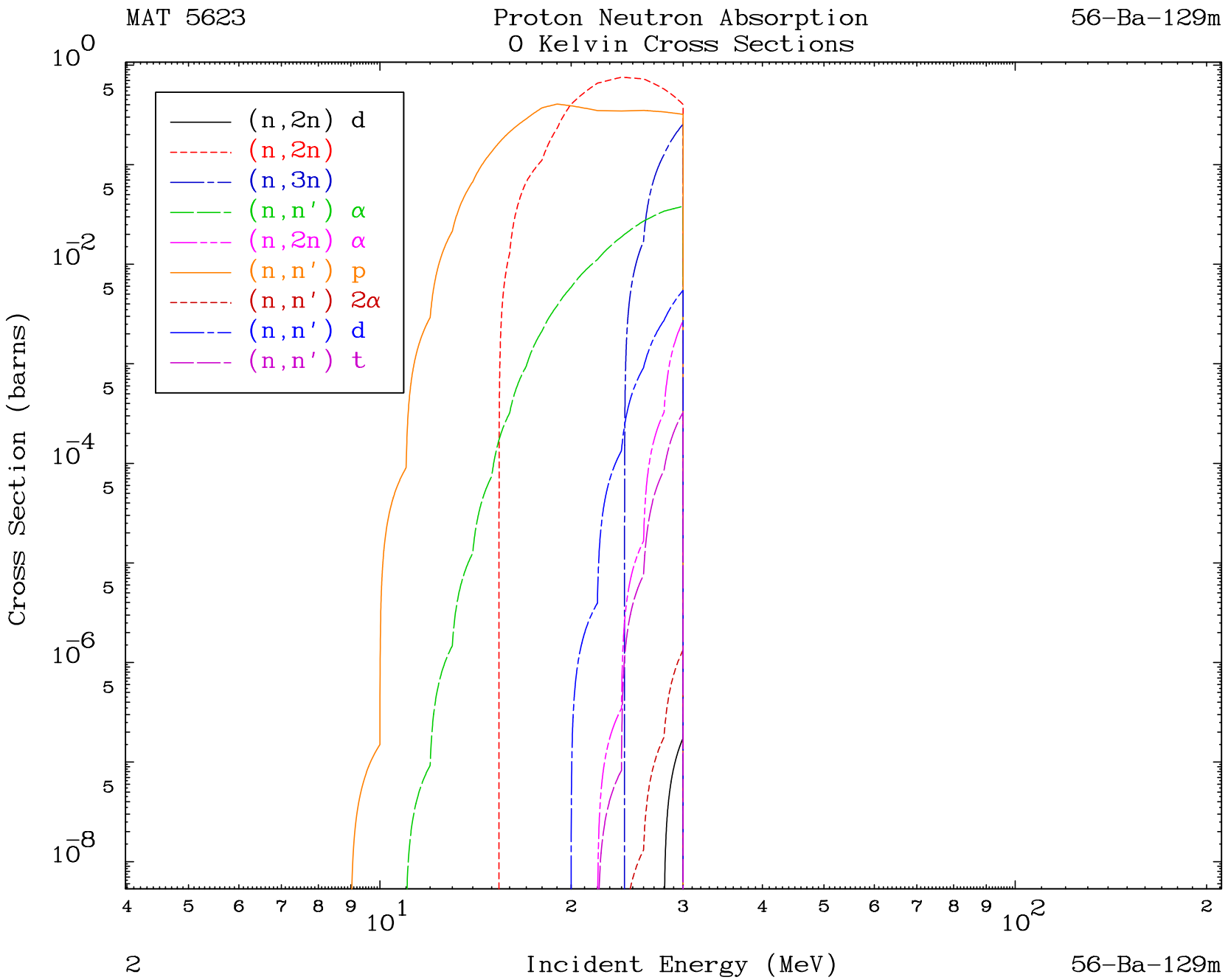
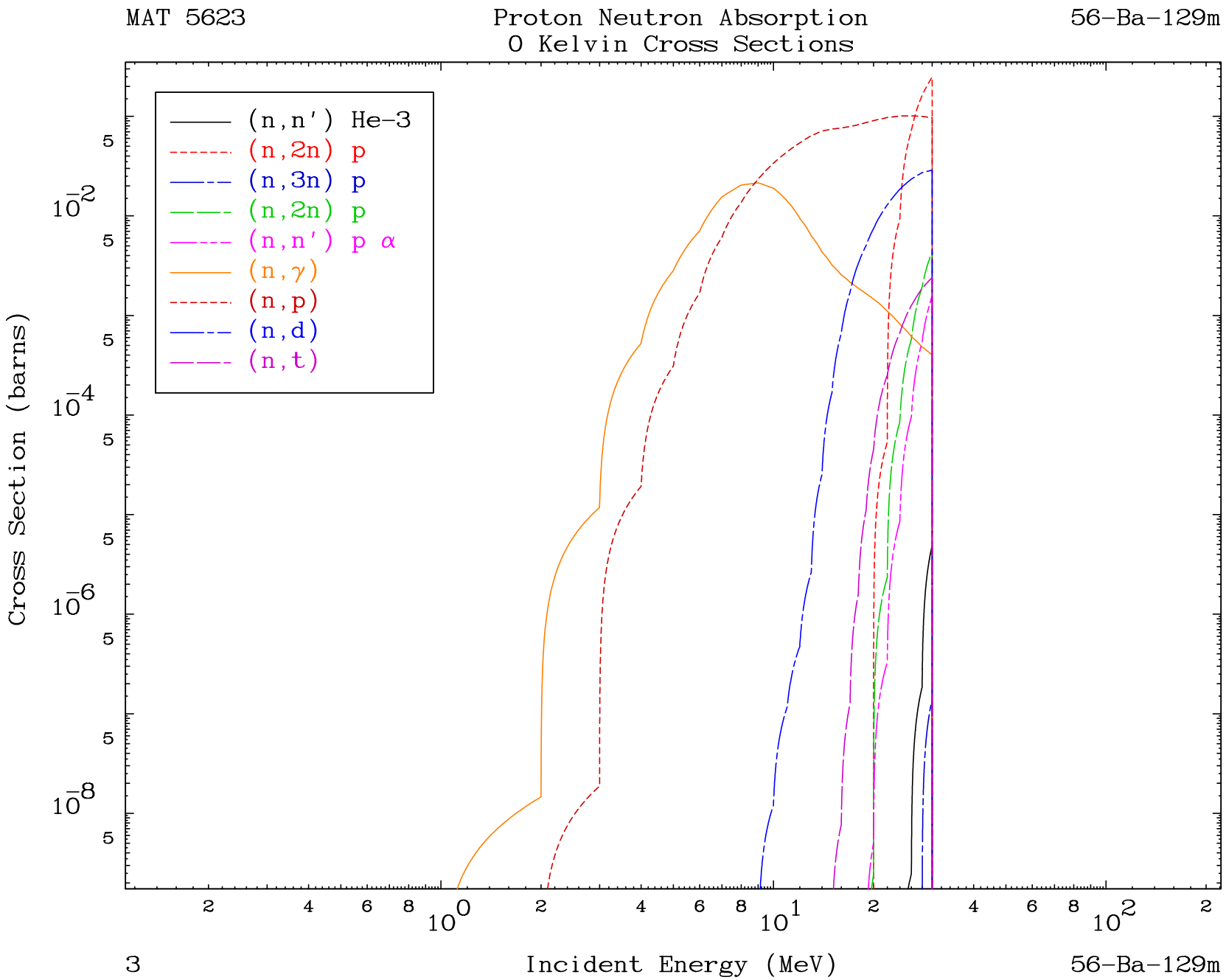
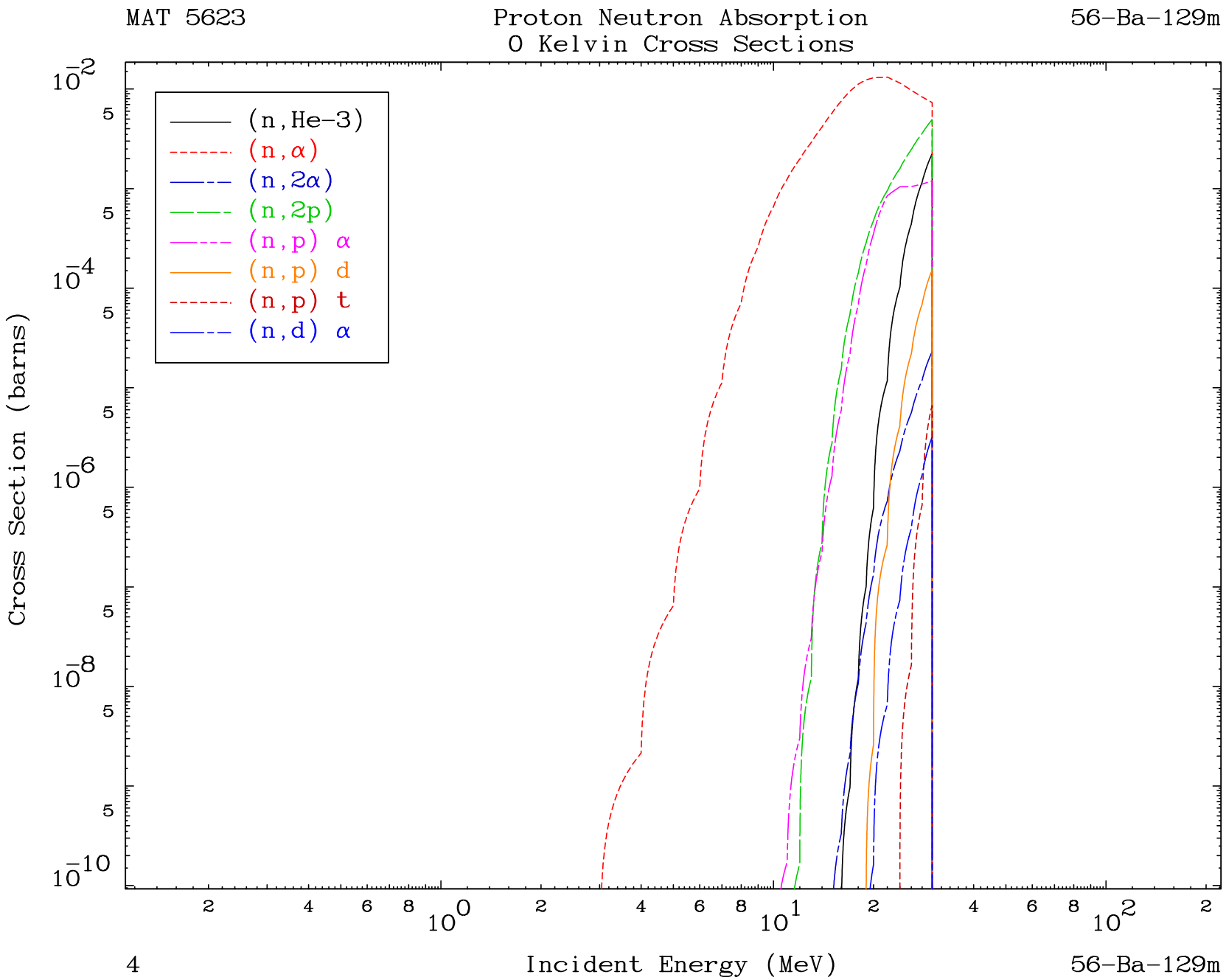
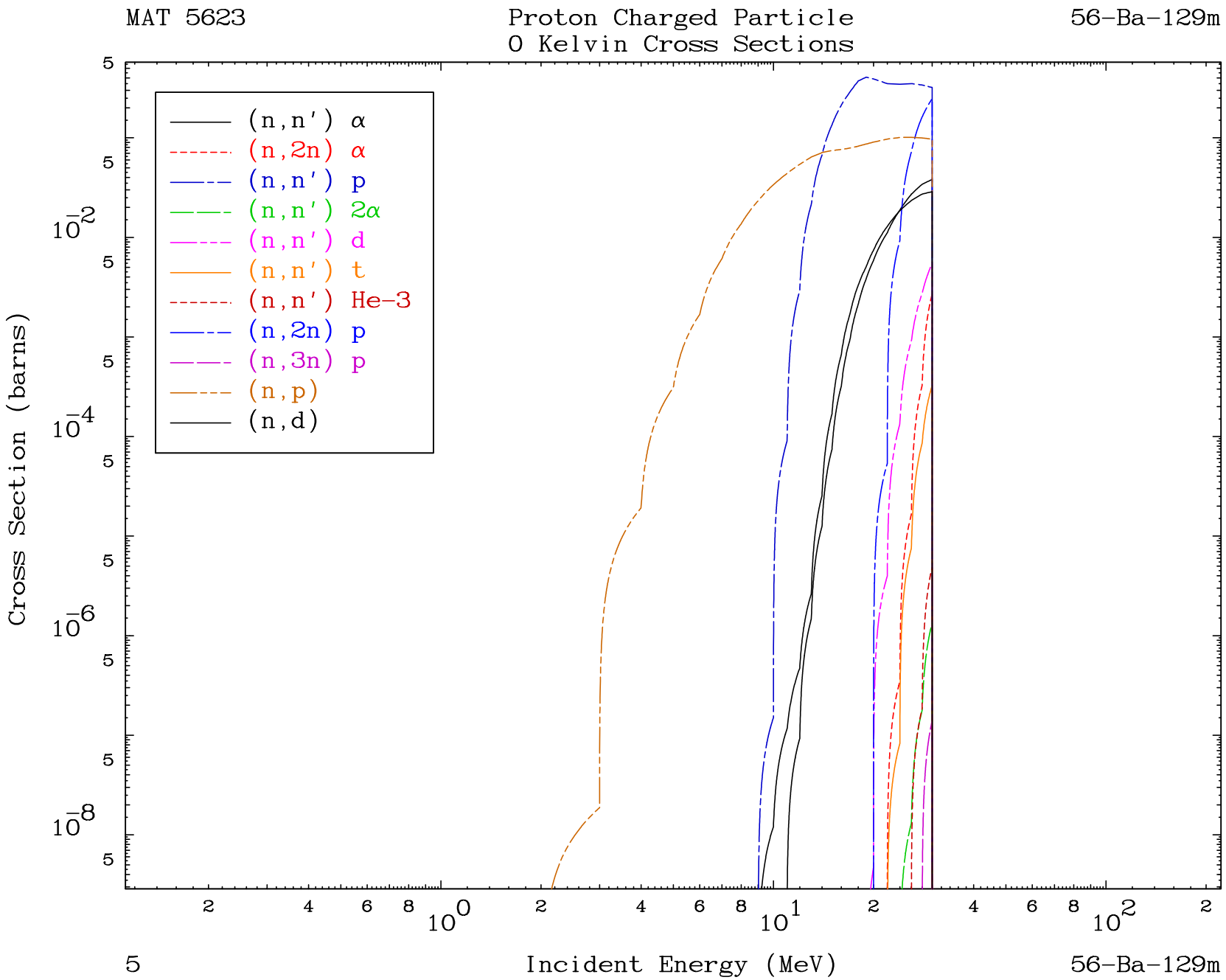
Press Mouse Button to Start

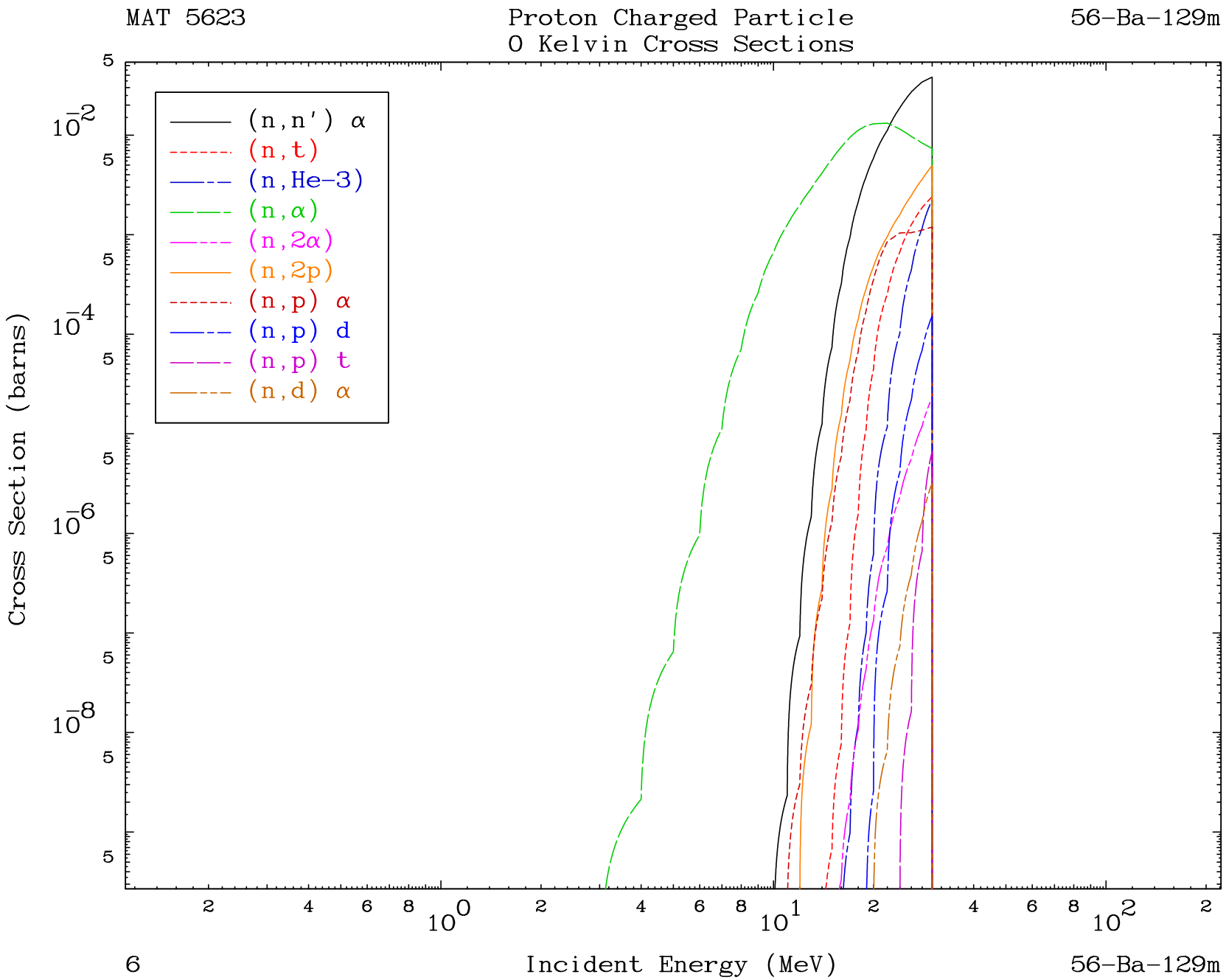

MAT 5623
Proton Major
56-Ba-129m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-129m

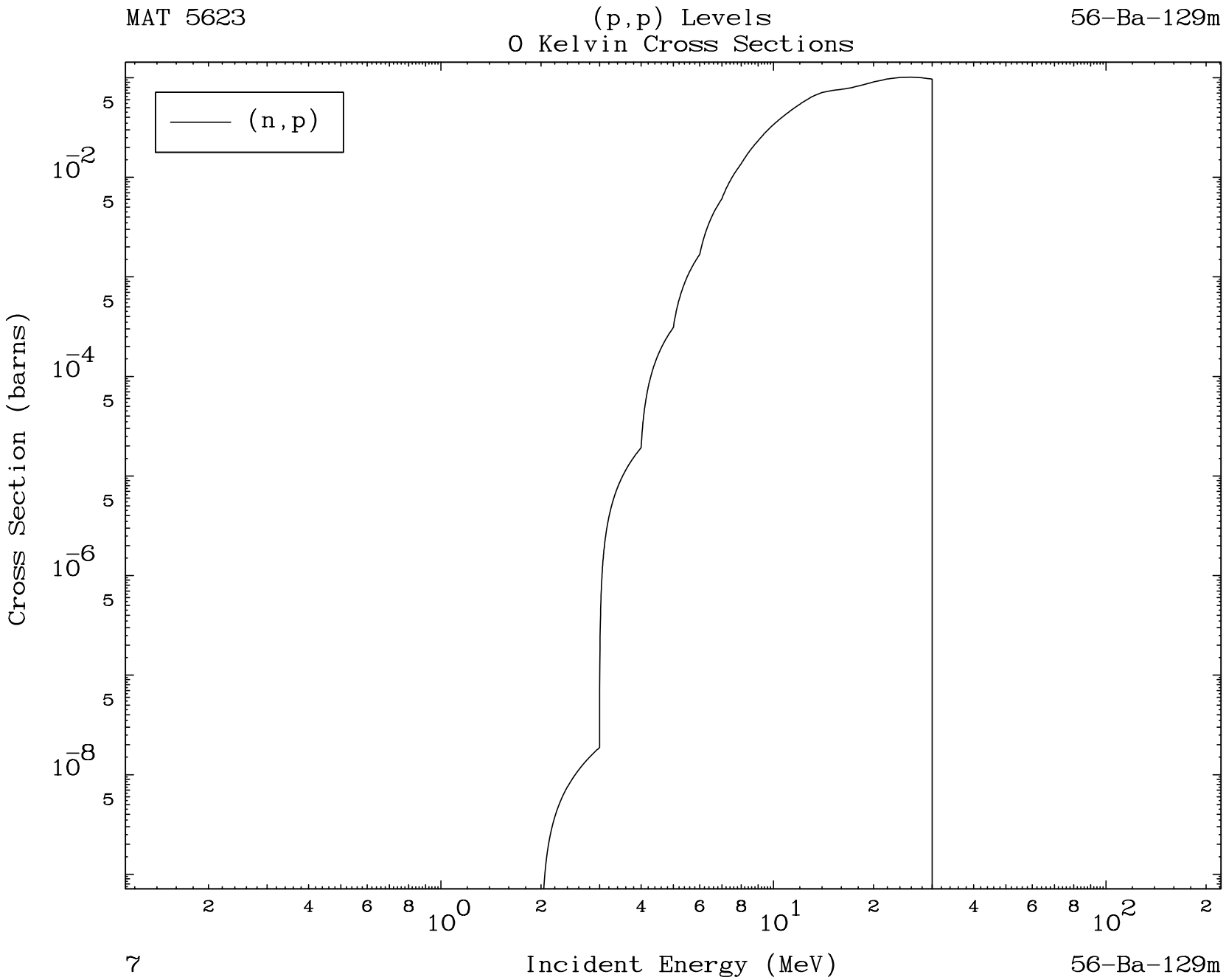

MAT 5623
Proton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-129m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
56-Ba-129m

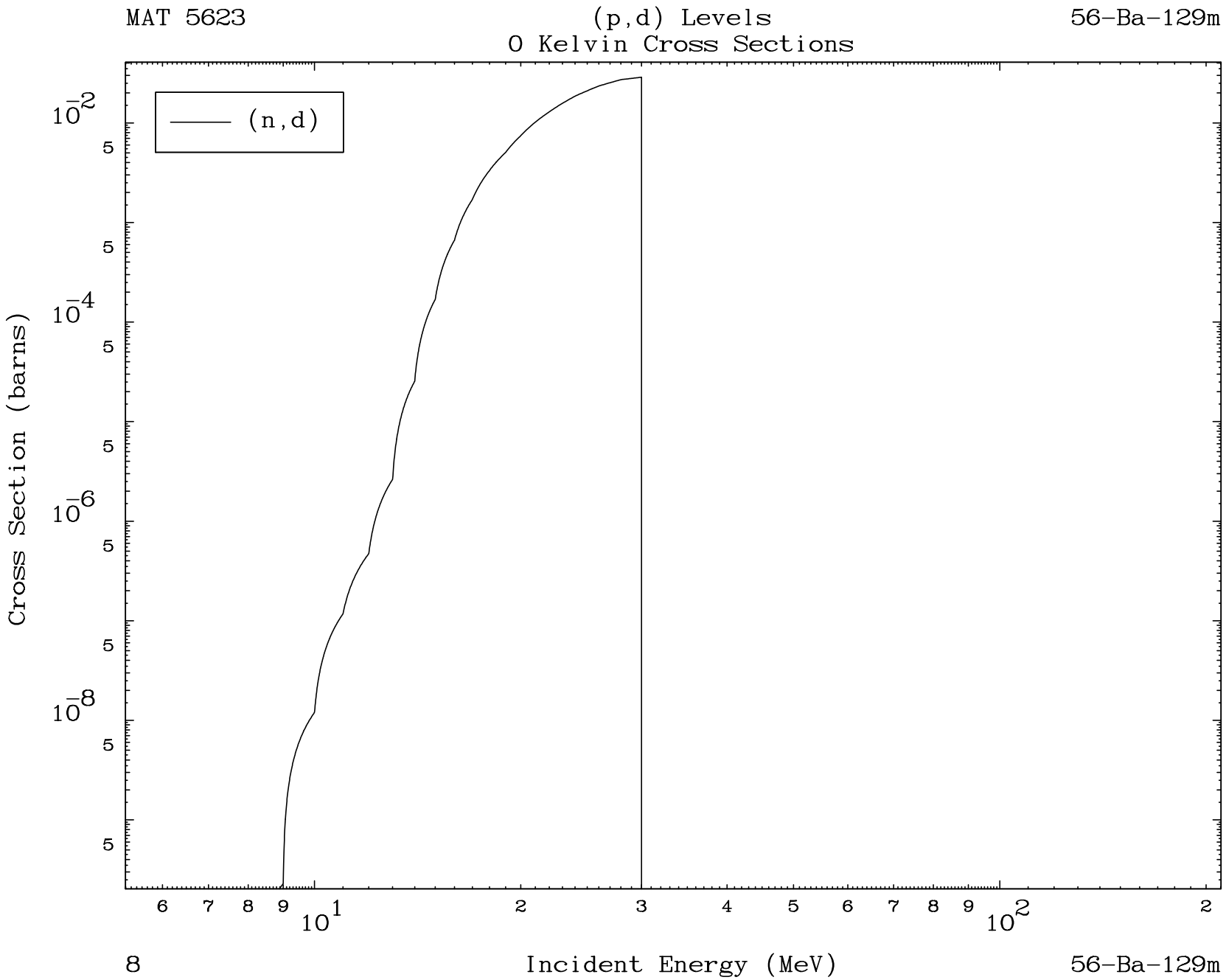

MAT 5623
Proton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-129m
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
56-Ba-129m

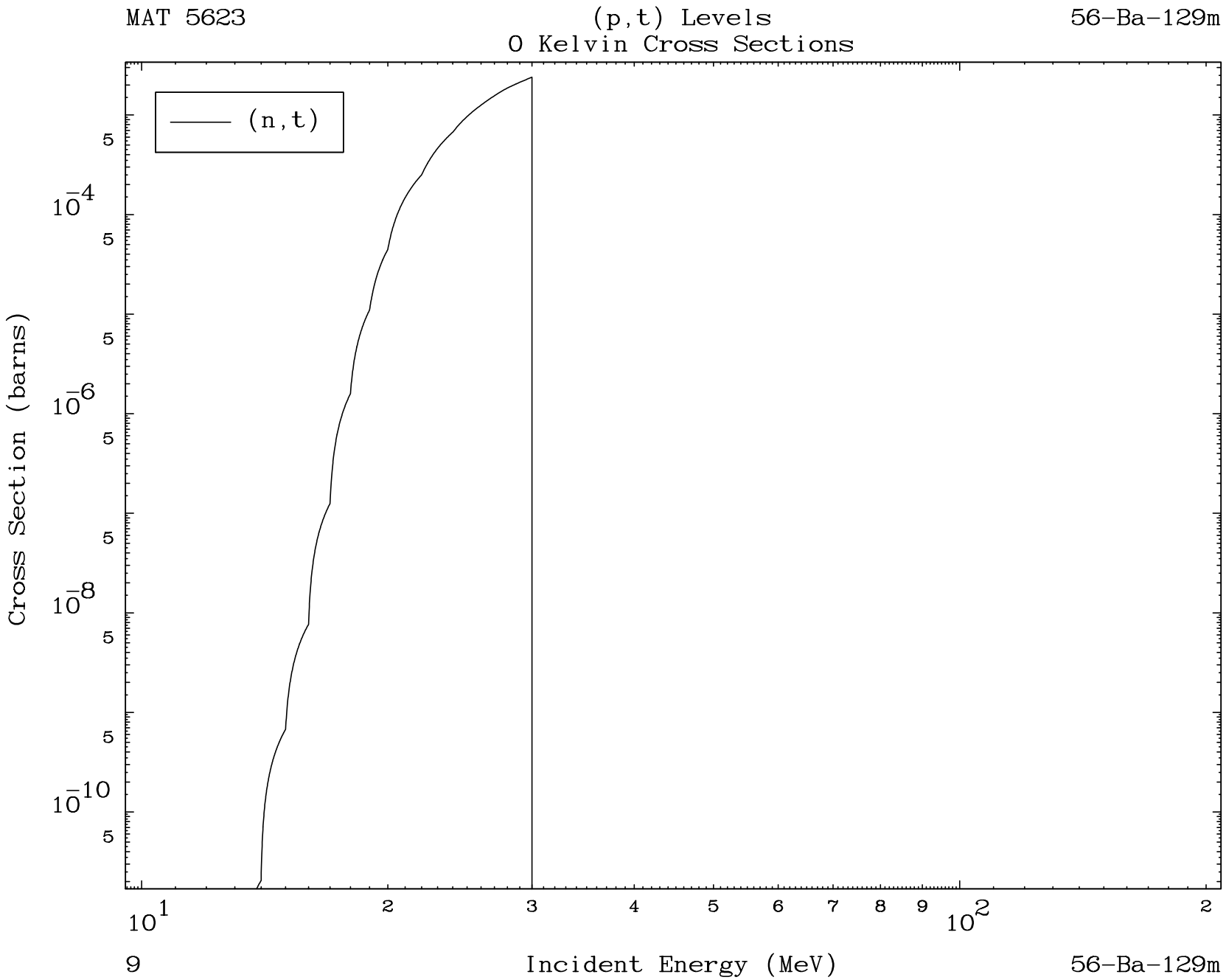

MAT 5623
Proton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-129m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
56-Ba-129m

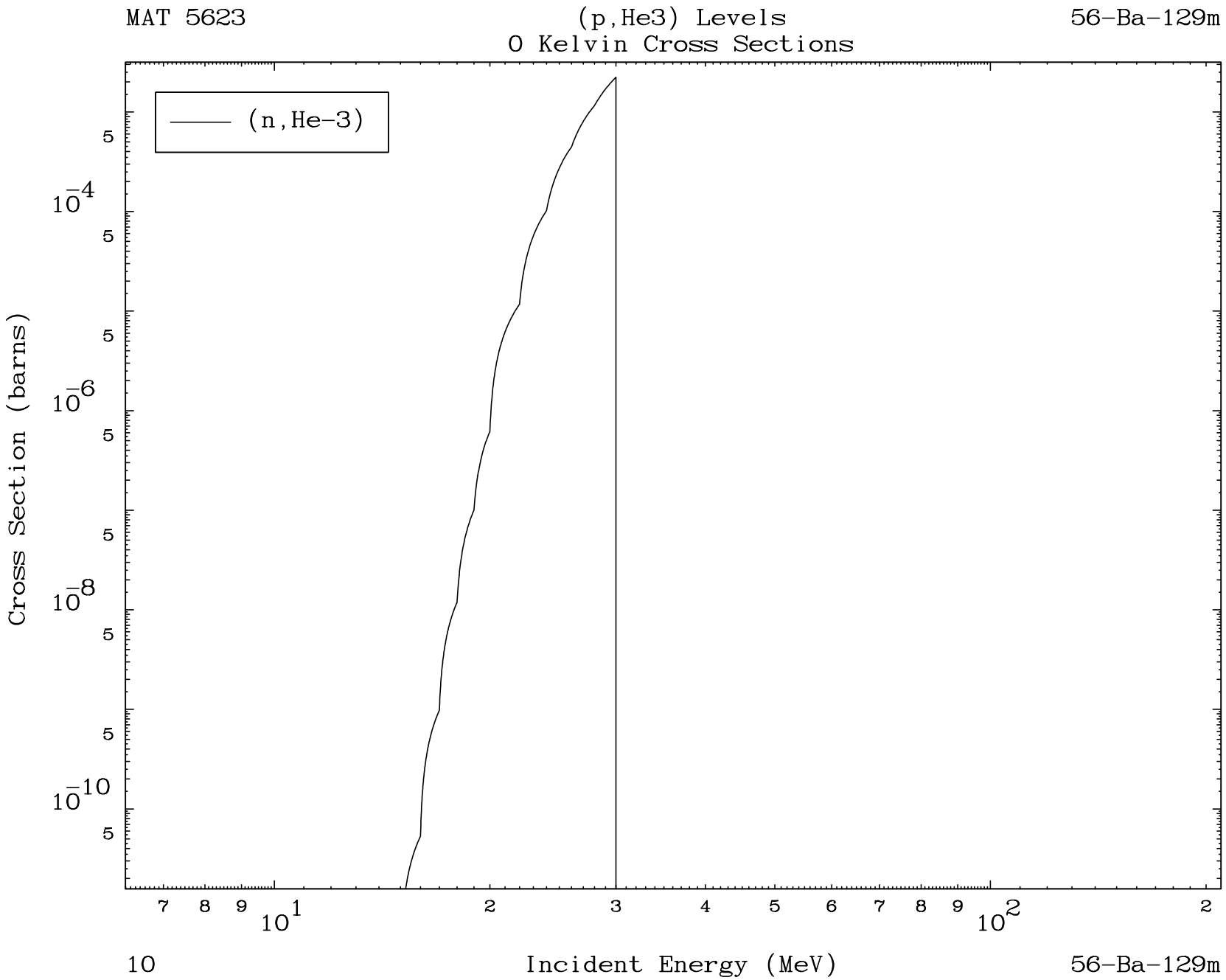

MAT 5623
Proton Charged Particle
0 Kelvin Cross Sections
56-Ba-129m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-129m

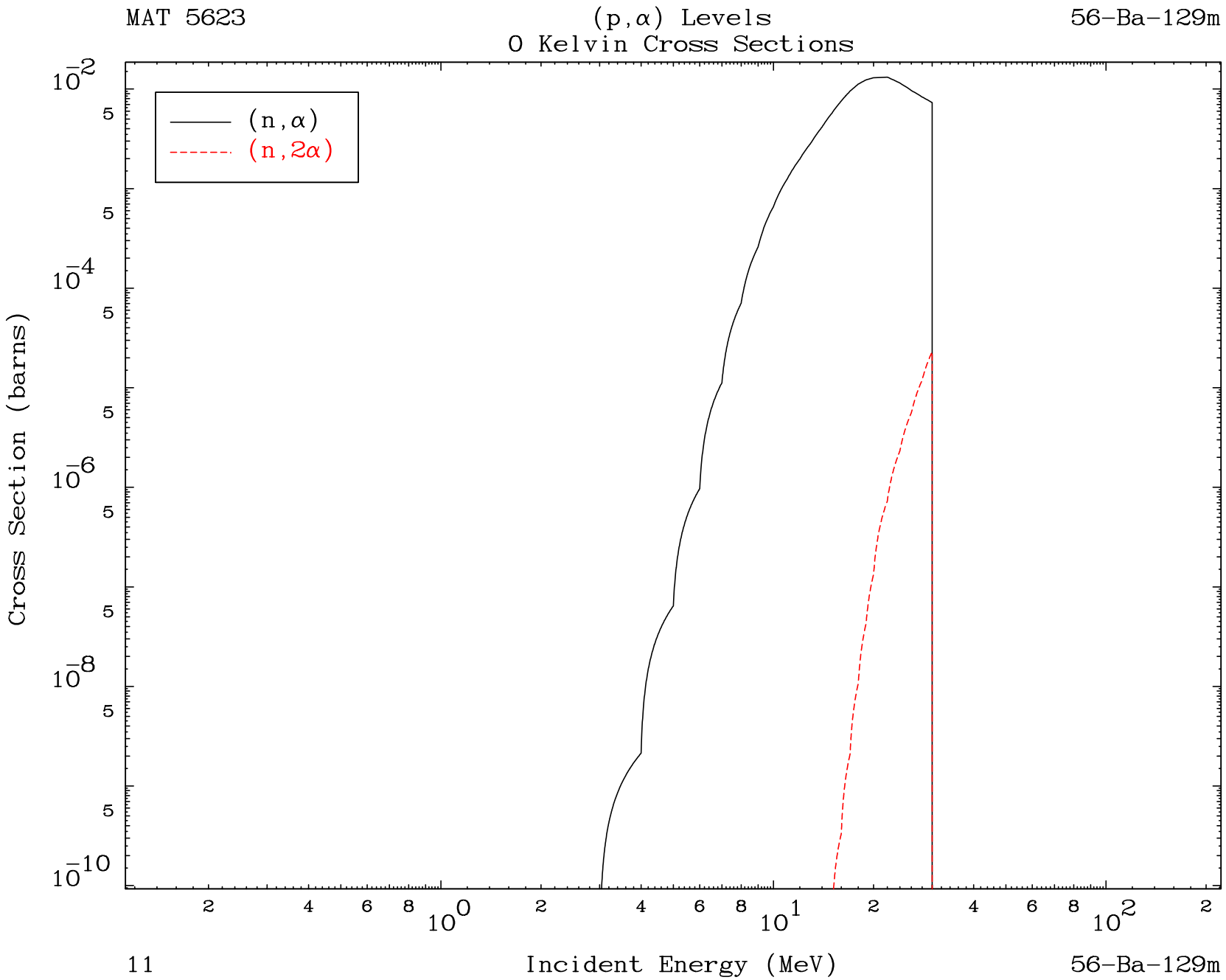

MAT 5623
Proton Charged Particle
0 Kelvin Cross Sections
56-Ba-129m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
56-Ba-129m

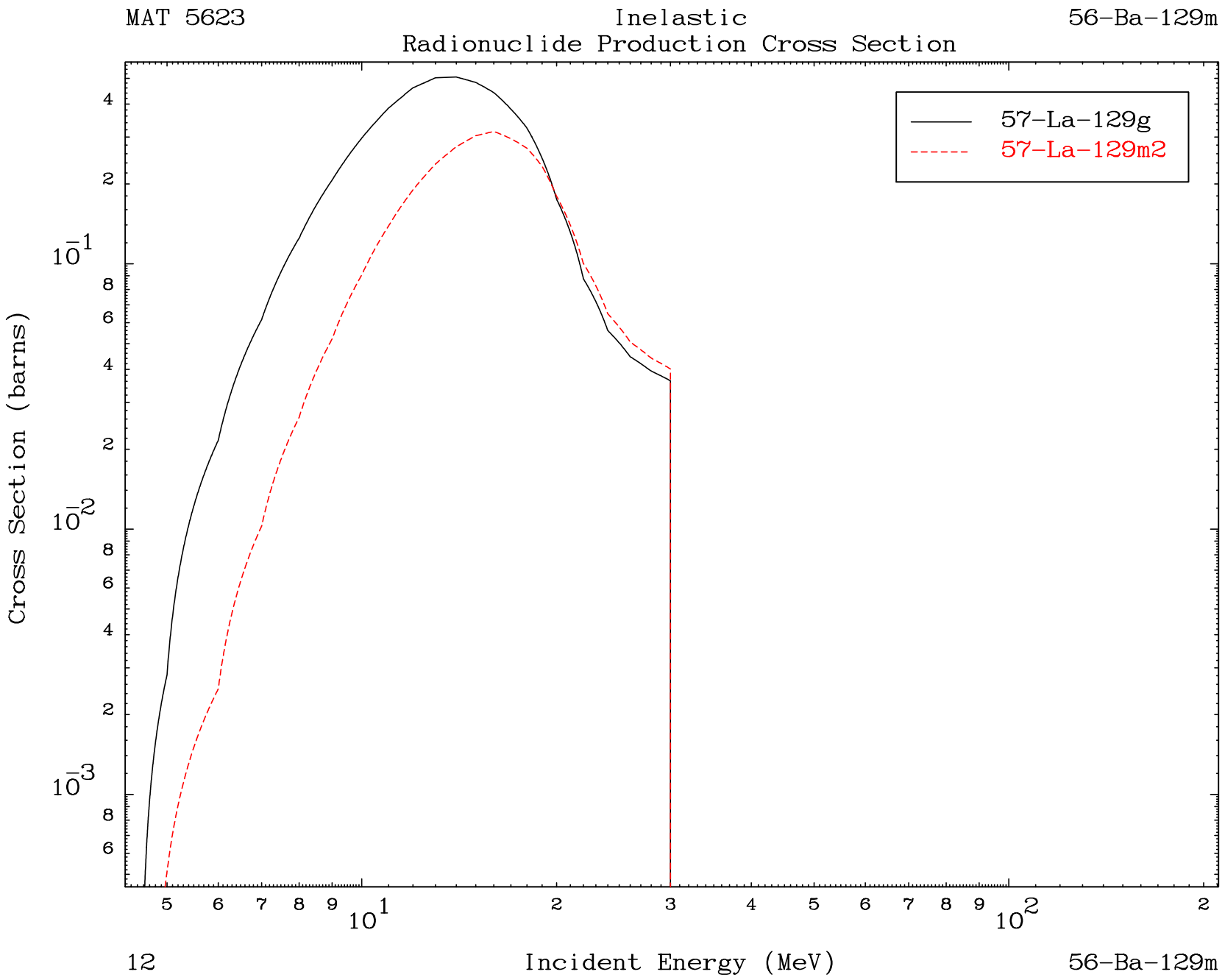

MAT 5623
(p,p) Levels
56-Ba-129m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
56-Ba-129m

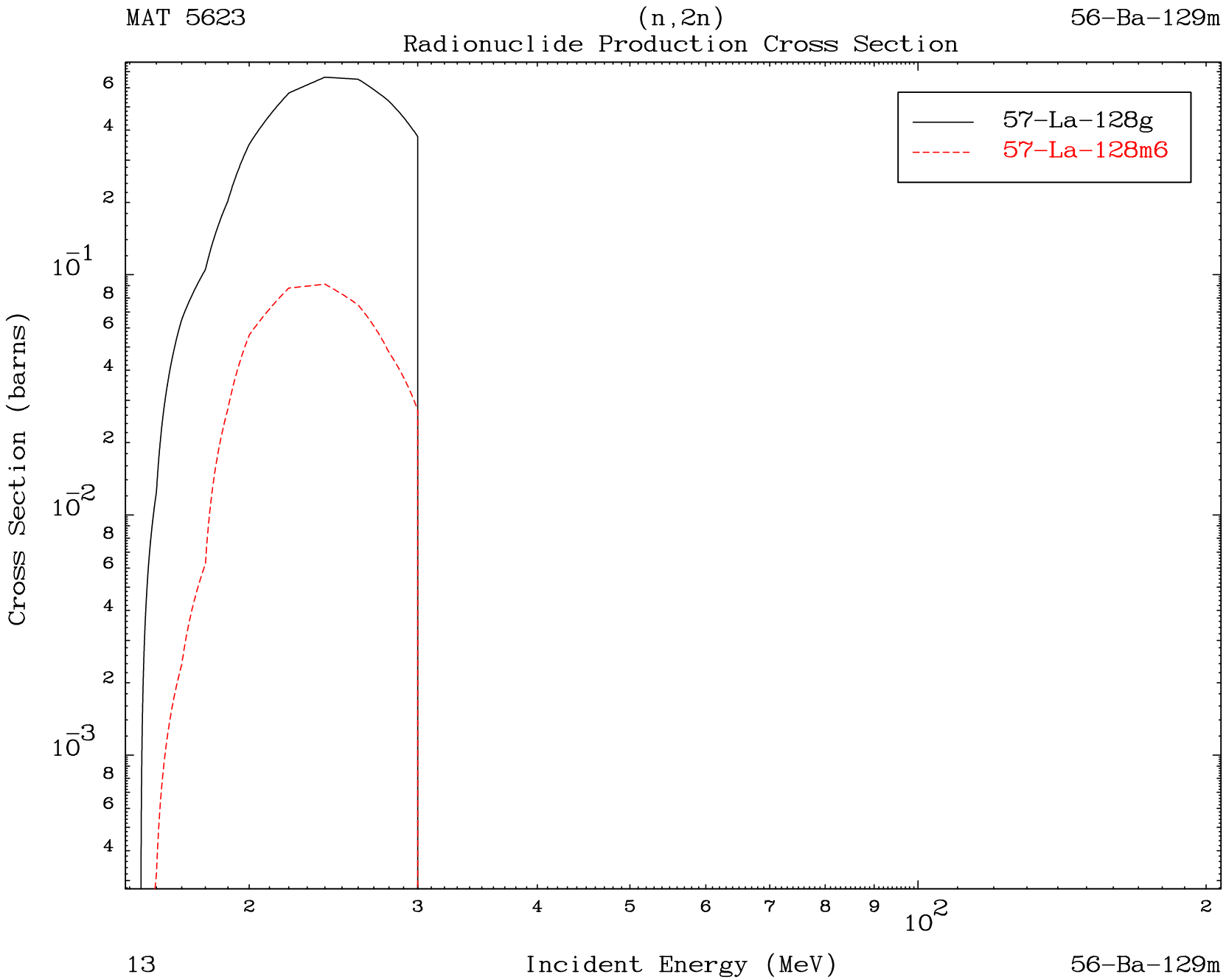

MAT 5623
(p,d) Levels
56-Ba-129m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10^1
10^2
8
56-Ba-129m

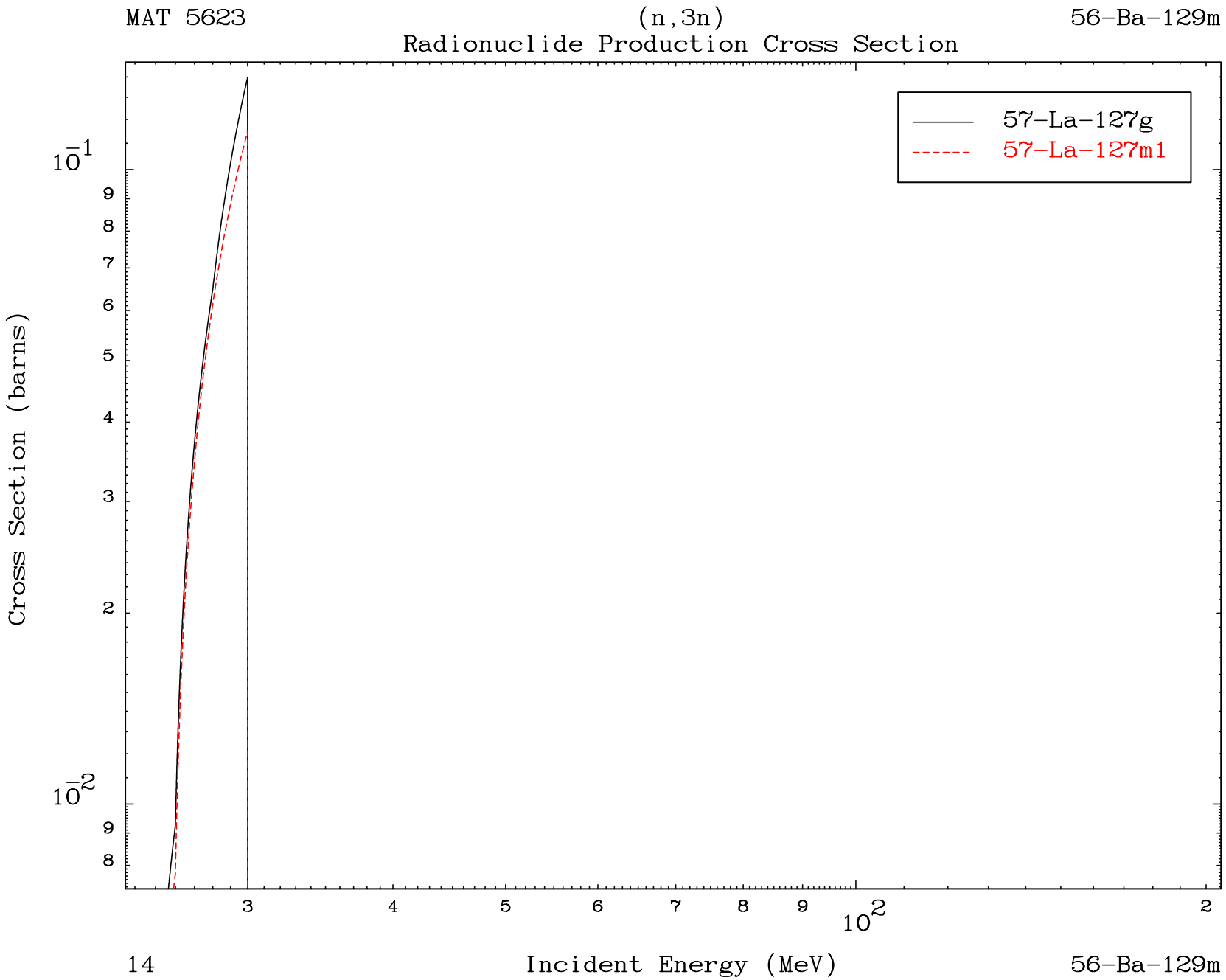

MAT 5623
(p,t) Levels
56-Ba-129m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
56-Ba-129m

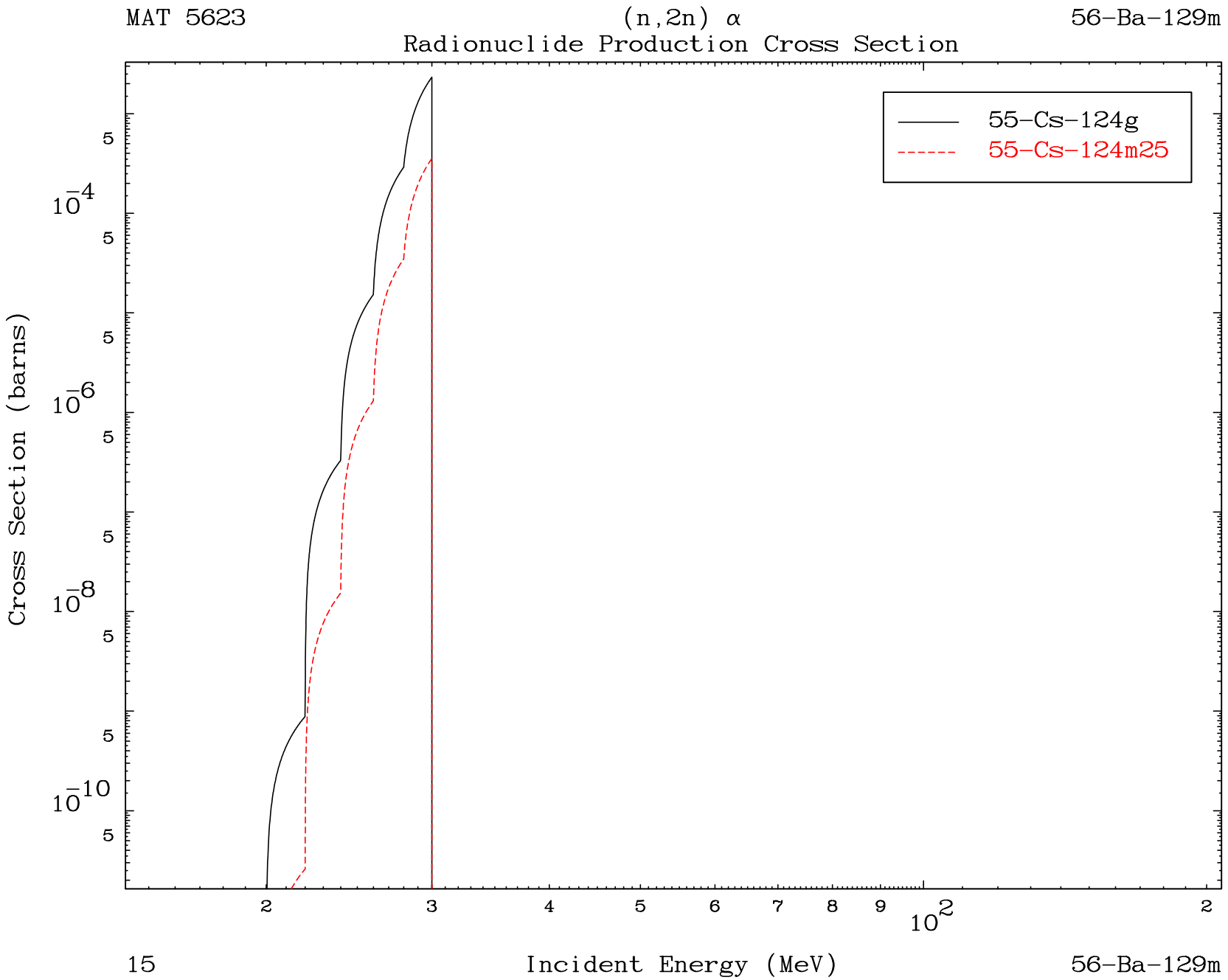

MAT 5623
(p,He3) Levels
56-Ba-129m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-129m

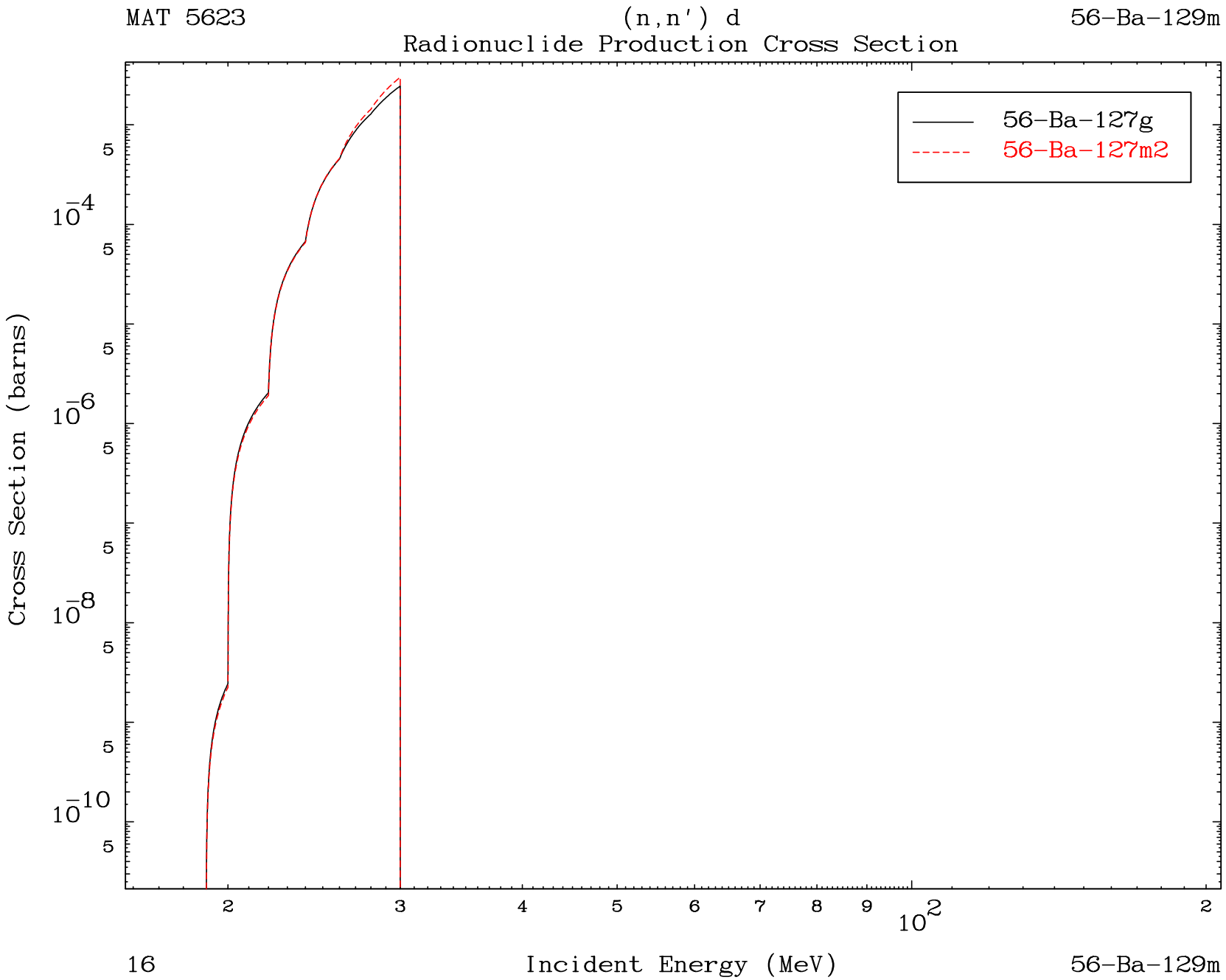

MAT 5623
(p,α) Levels
56-Ba-129m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
56-Ba-129m

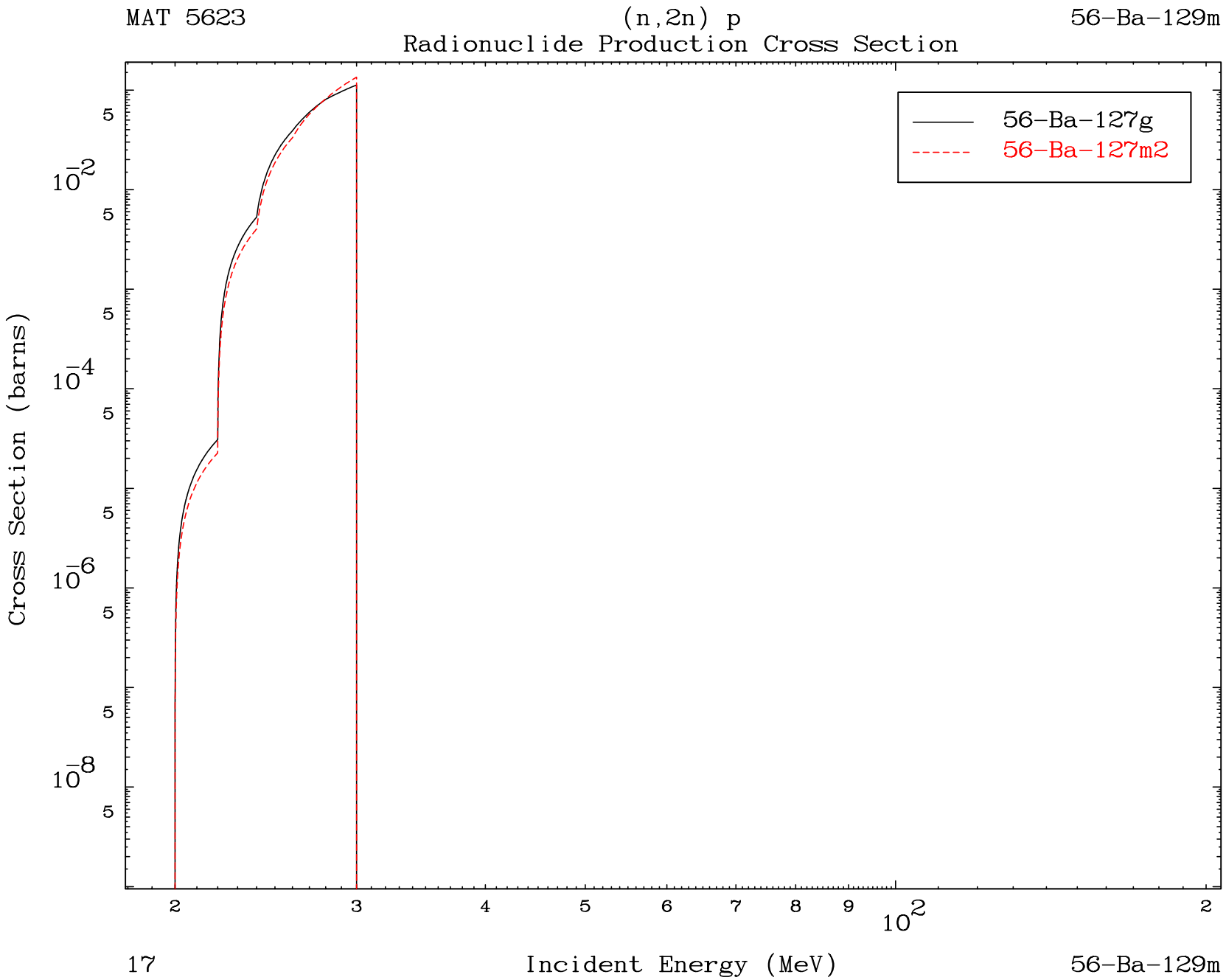

MAT 5623
Inelastic
56-Ba-129m
Radionuclide Production Cross Section
57-La-129g
57-La-129m2
Cross Section (barns)
Incident Energy (MeV)
12
56-Ba-129m

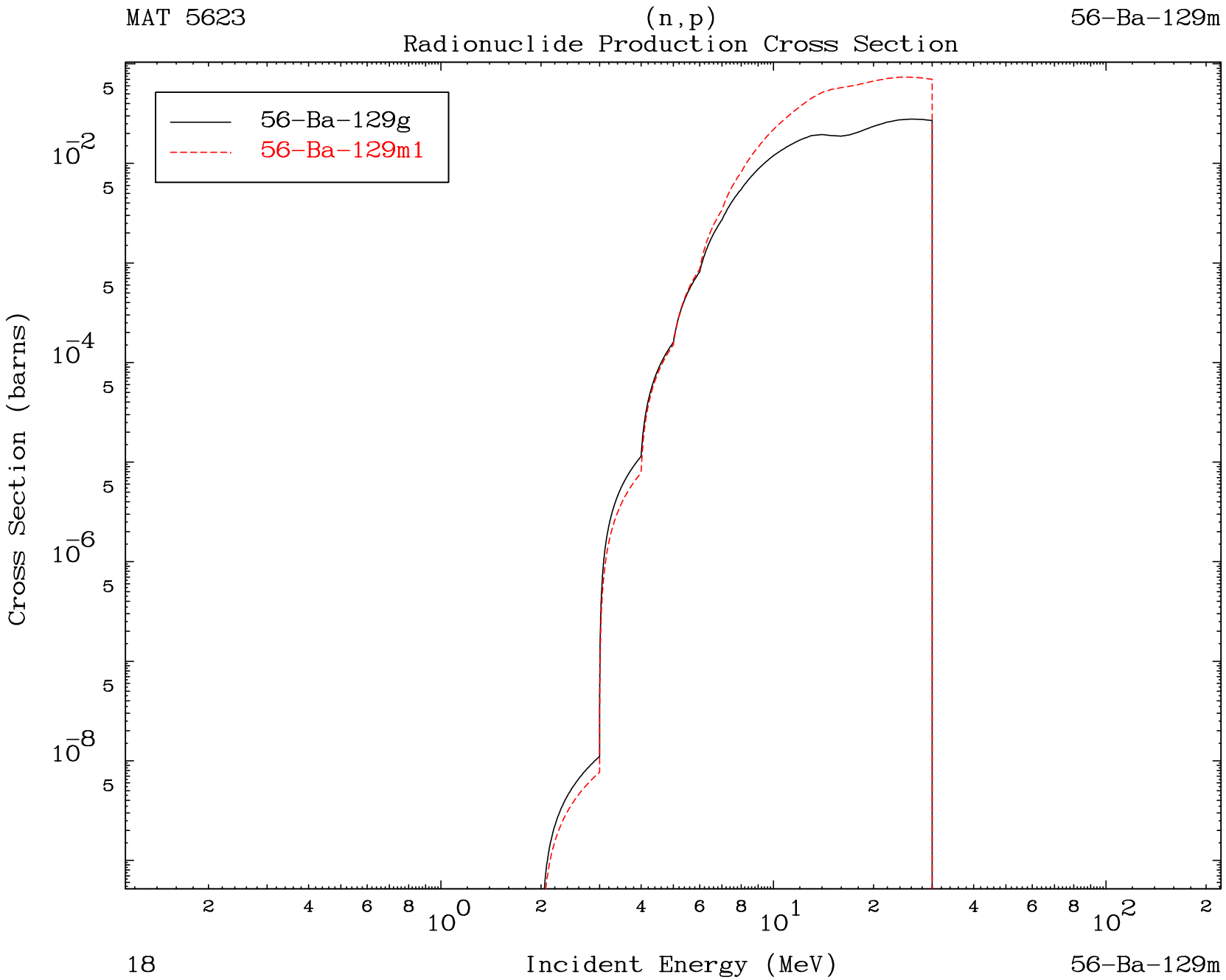

MAT 5623
(n,2n)
56-Ba-129m
Radionuclide Production Cross Section
57-La-128g
57-La-128m6
Cross Section (barns)
Incident Energy (MeV)
13
56-Ba-129m

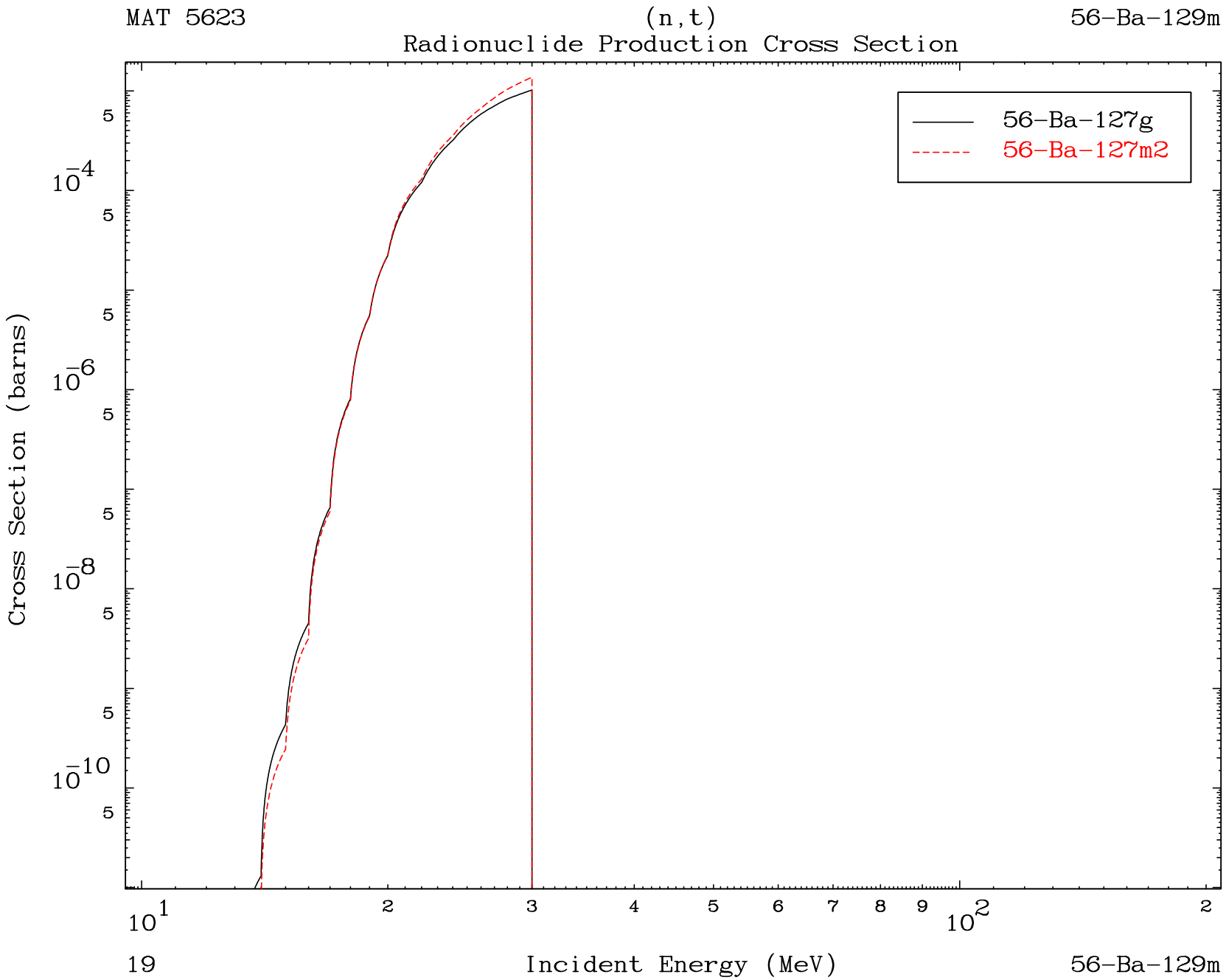

MAT 5623
(n,3n)
56-Ba-129m
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
10-1
9
8
7
6
5
4
3
2
10-2
9
8
3
4
5
6
7
8
9
10+2
2
14
Incident Energy (MeV)
56-Ba-129m

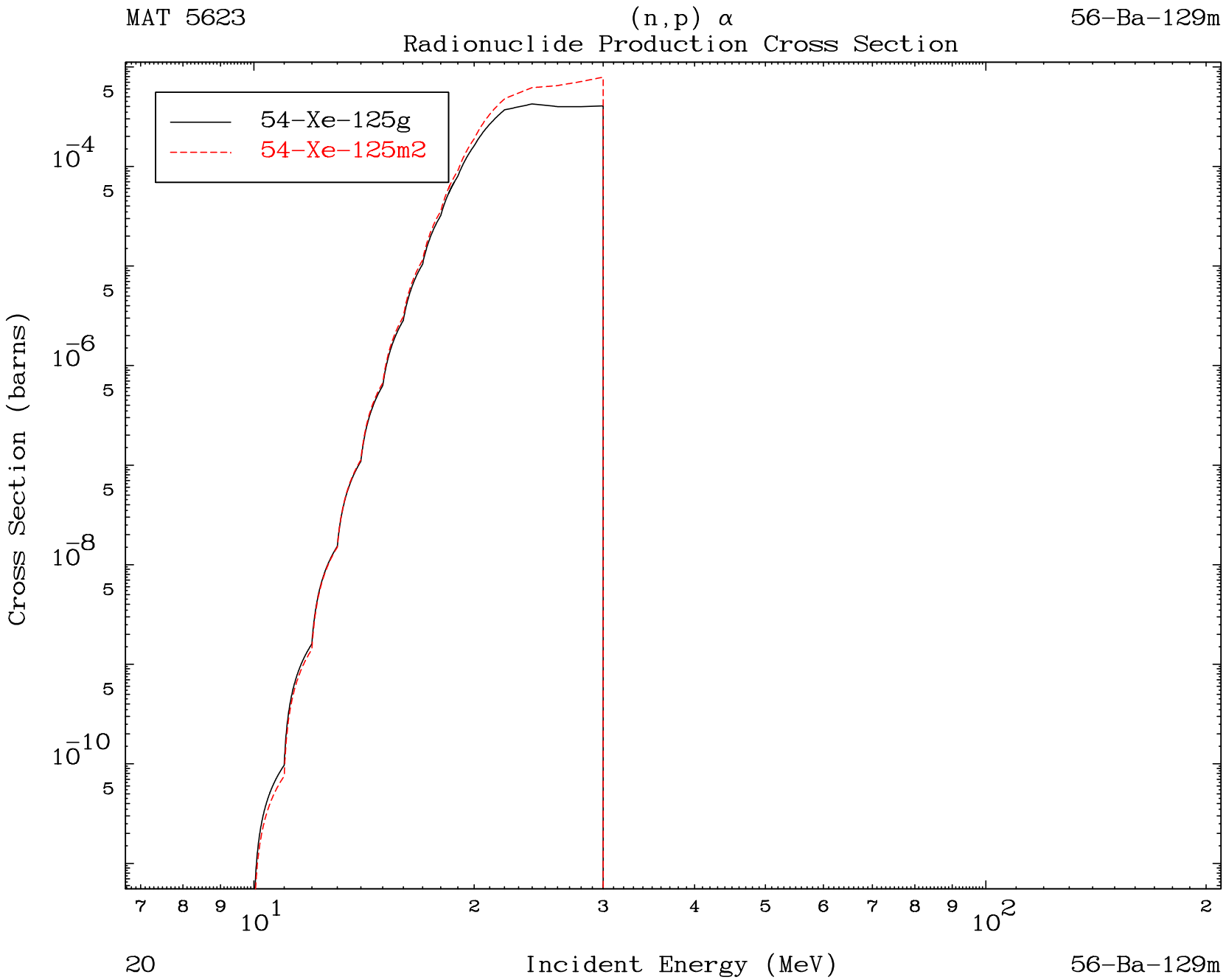

MAT 5623
(n,2n) α
56-Ba-129m
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
15
56-Ba-129m


MAT 5623
(n,n') d
56-Ba-129m
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
56-Ba-129m


MAT 5623
(n,2n) p
56-Ba-129m
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
102
2
17
Incident Energy (MeV)
56-Ba-129m


MAT 5623
(n,p)
56-Ba-129m
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
Incident Energy (MeV)
18
56-Ba-129m


MAT 5623
(n,t)
56-Ba-129m
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
Incident Energy (MeV)
19
56-Ba-129m


MAT 5623
(n,p) α
56-Ba-129m
Radionuclide Production Cross Section
54-Xe-125g
54-Xe-125m2
Cross Section (barns)
Incident Energy (MeV)
20
56-Ba-129m