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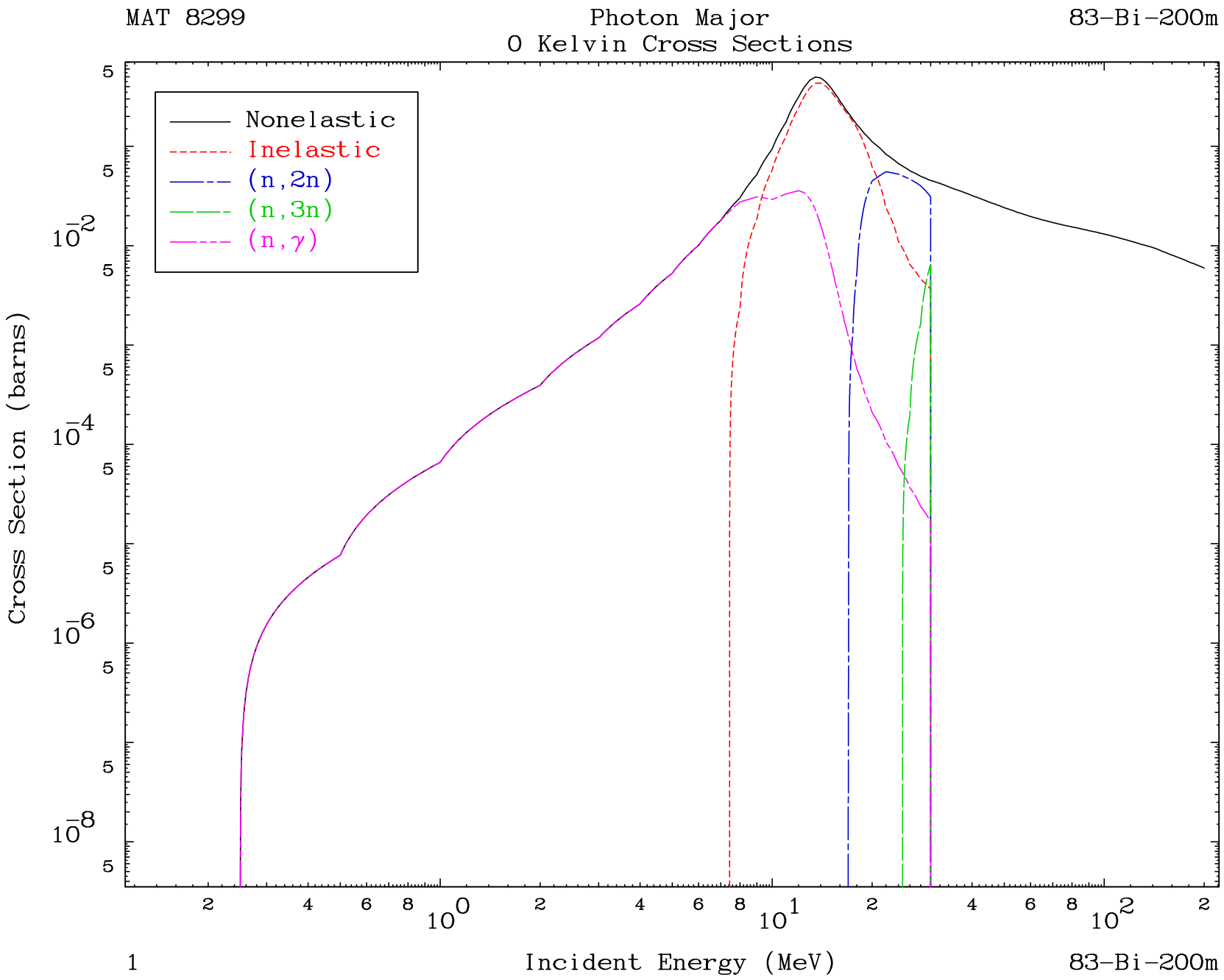
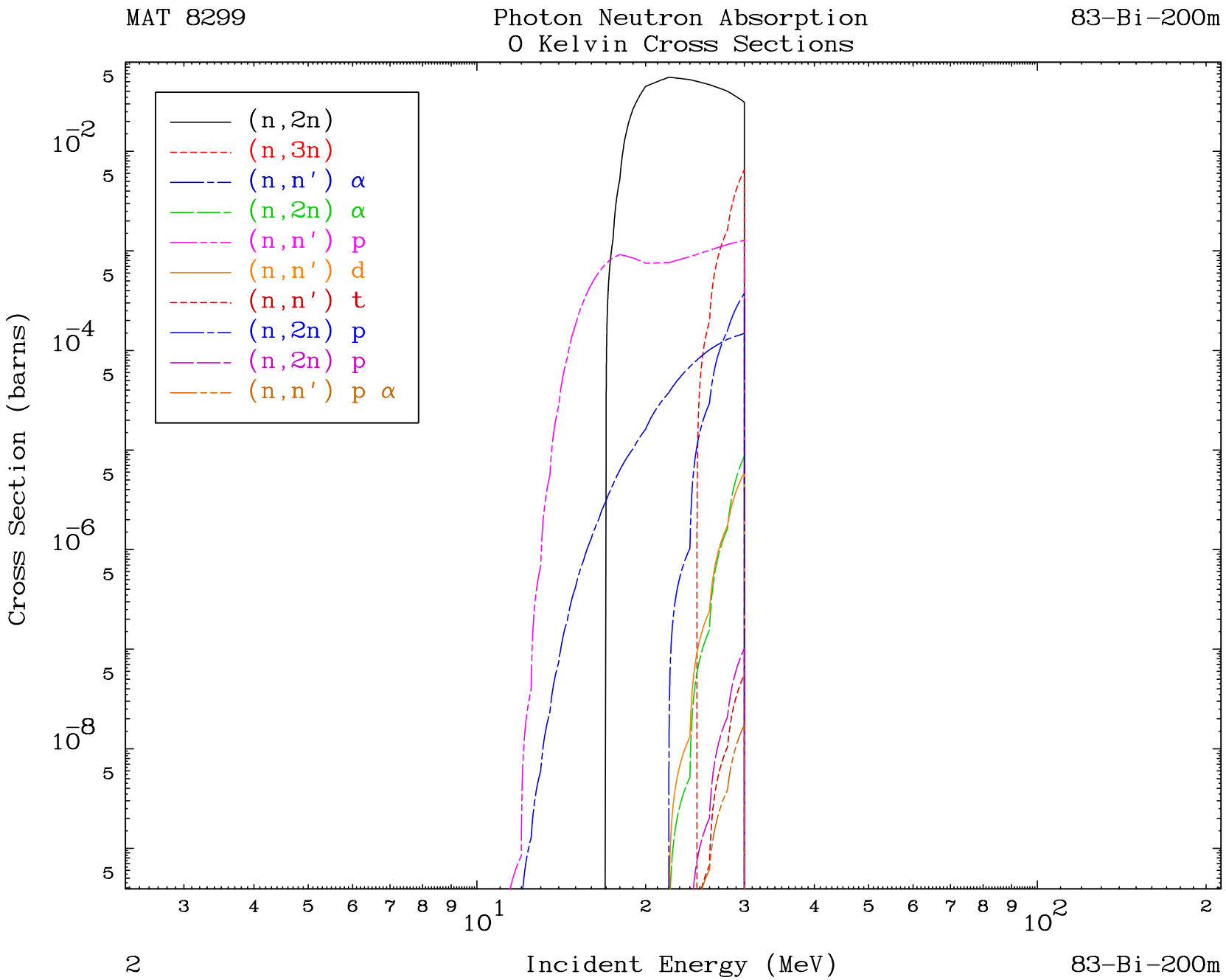
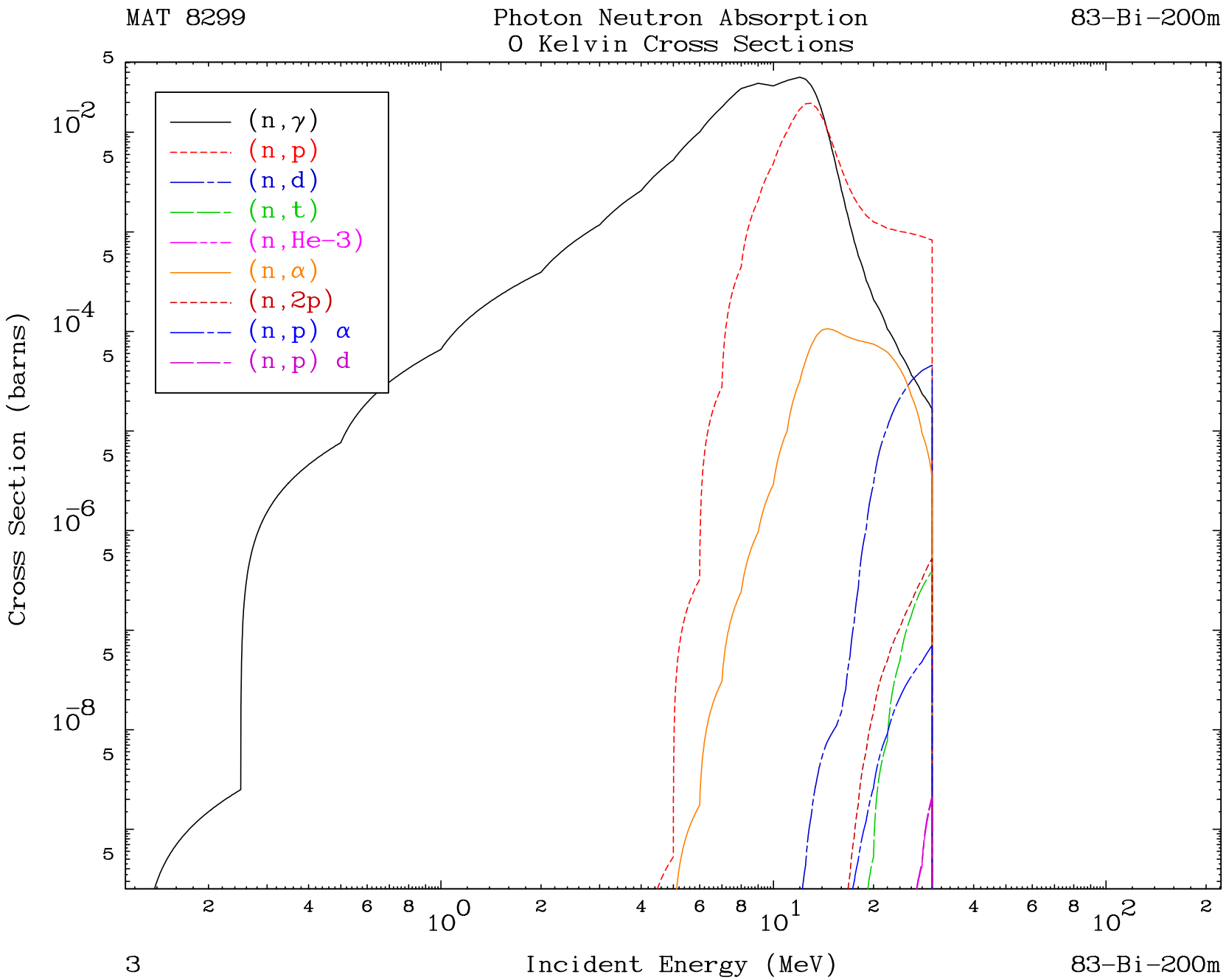
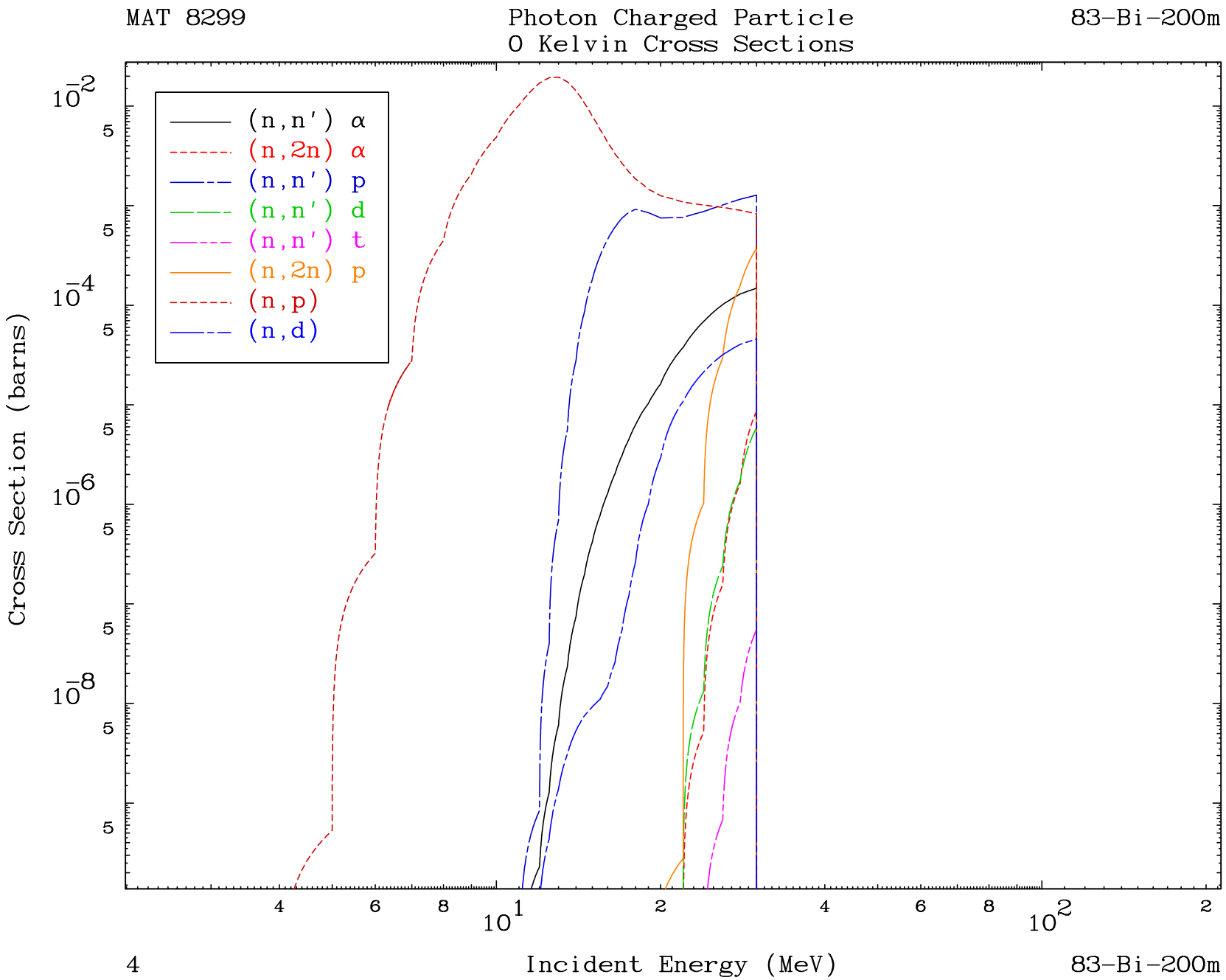
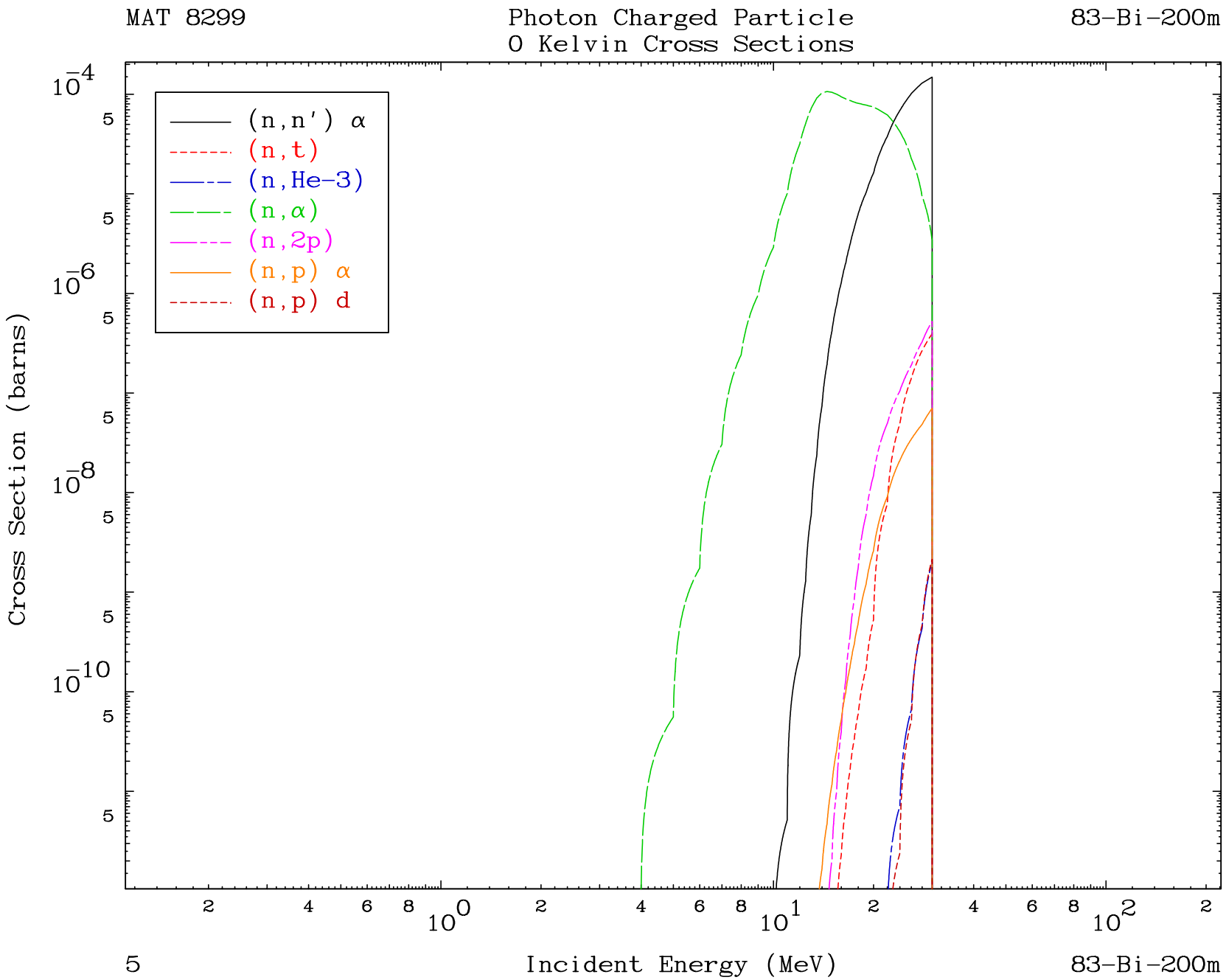
Press Mouse Button to Start

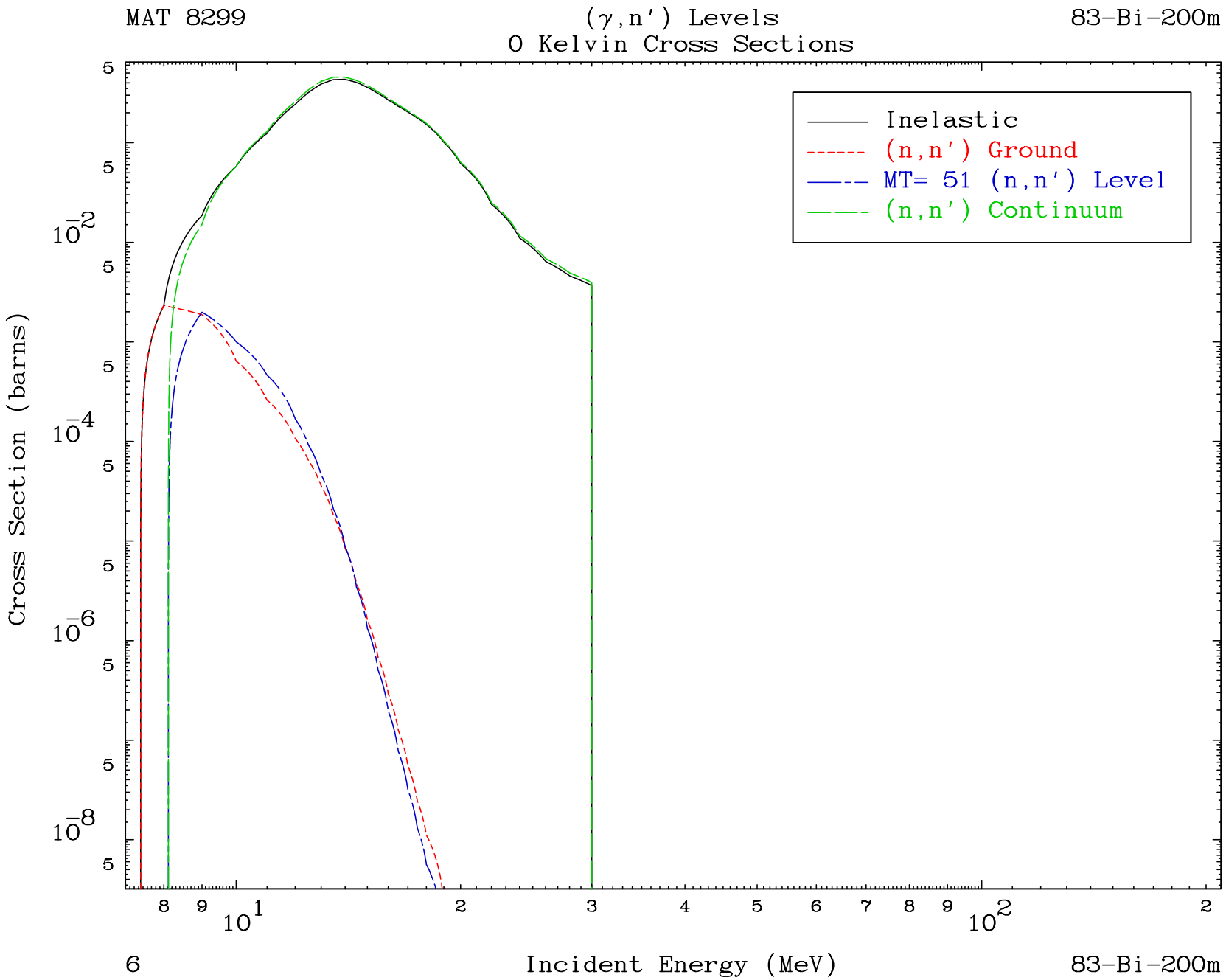

MAT 8299
Photon Major
83-Bi-200m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200m
1

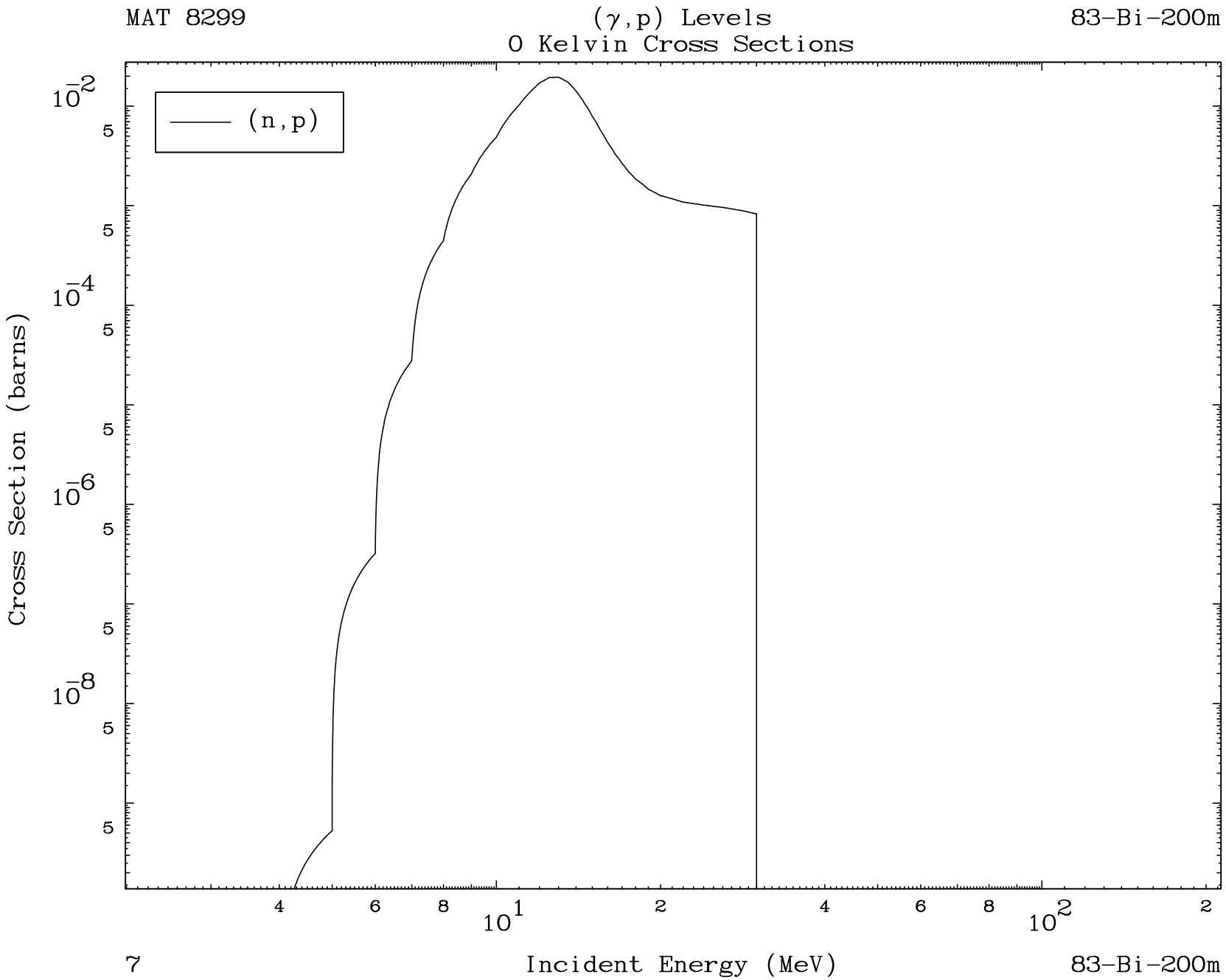

MAT 8299
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-200m
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200m

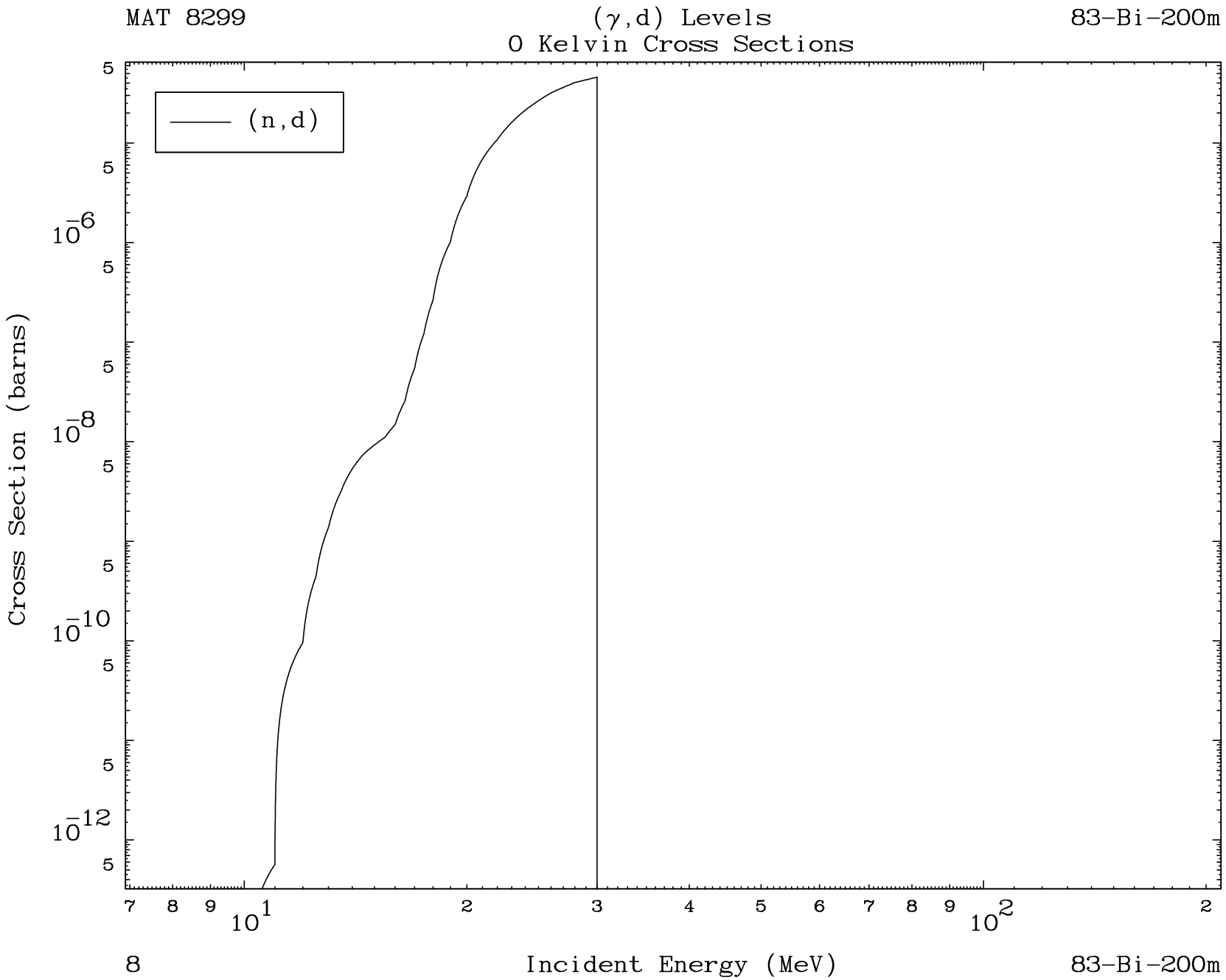

MAT 8299
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-200m
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-200m

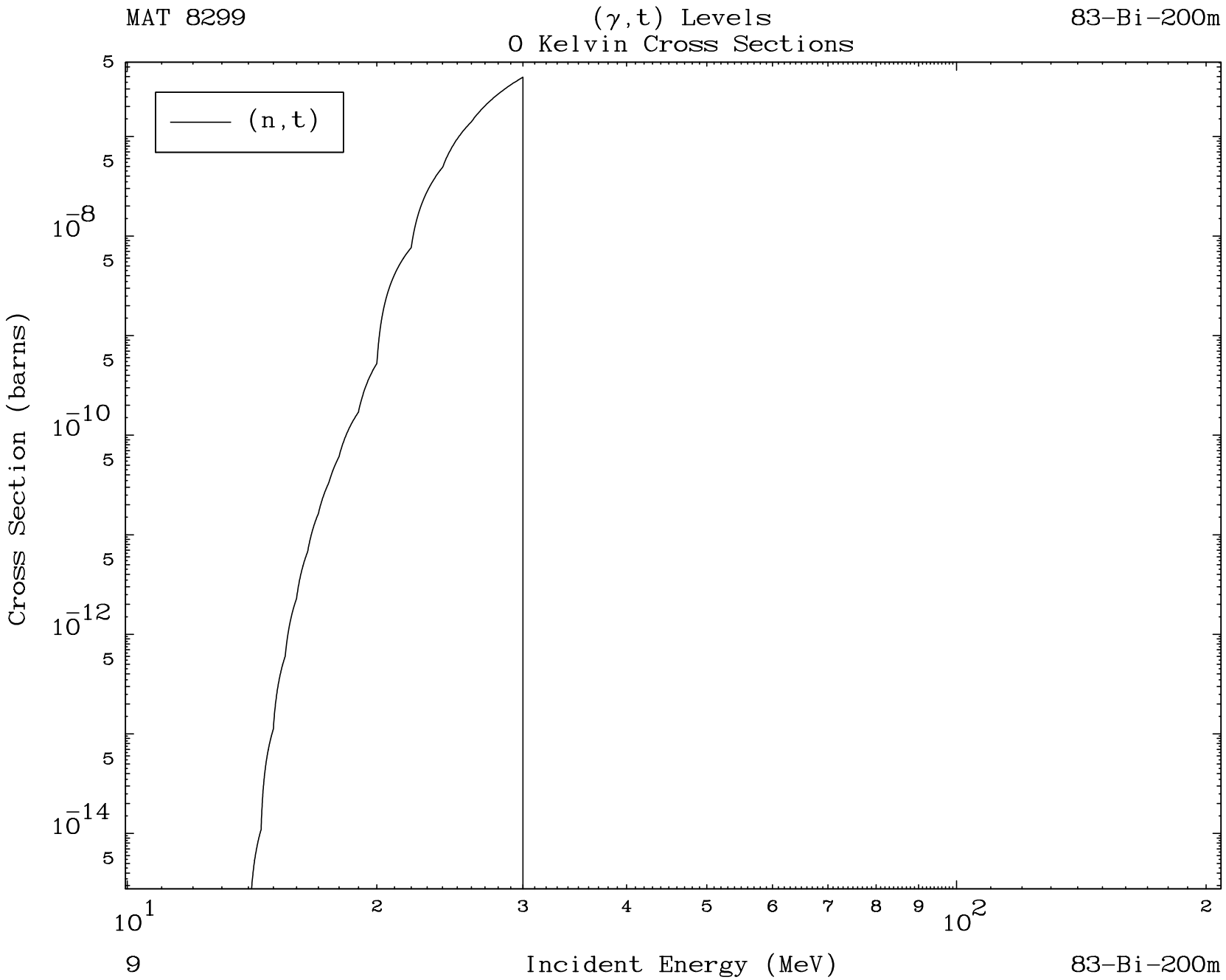

MAT 8299
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-200m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-200m

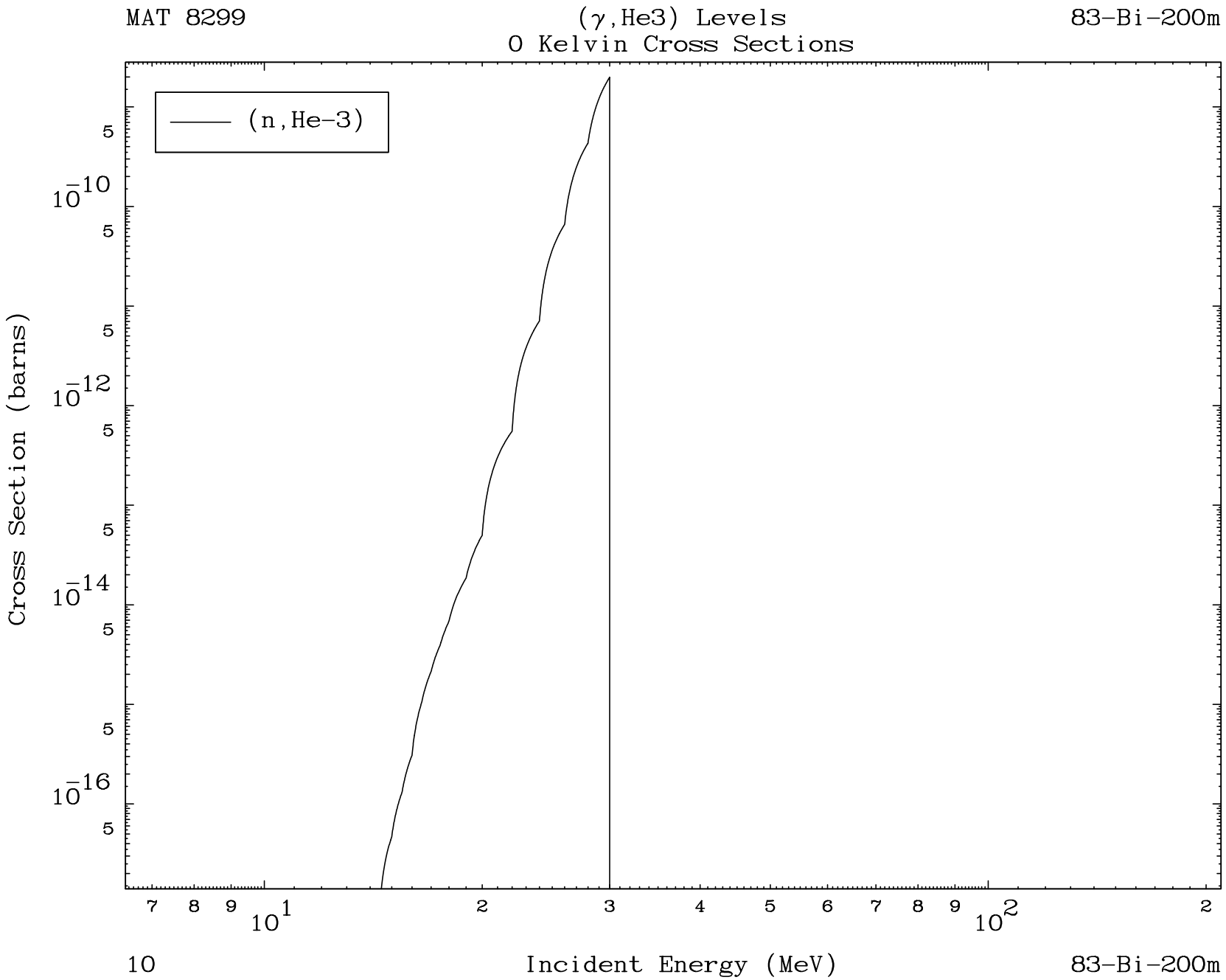

MAT 8299
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-200m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200m
5

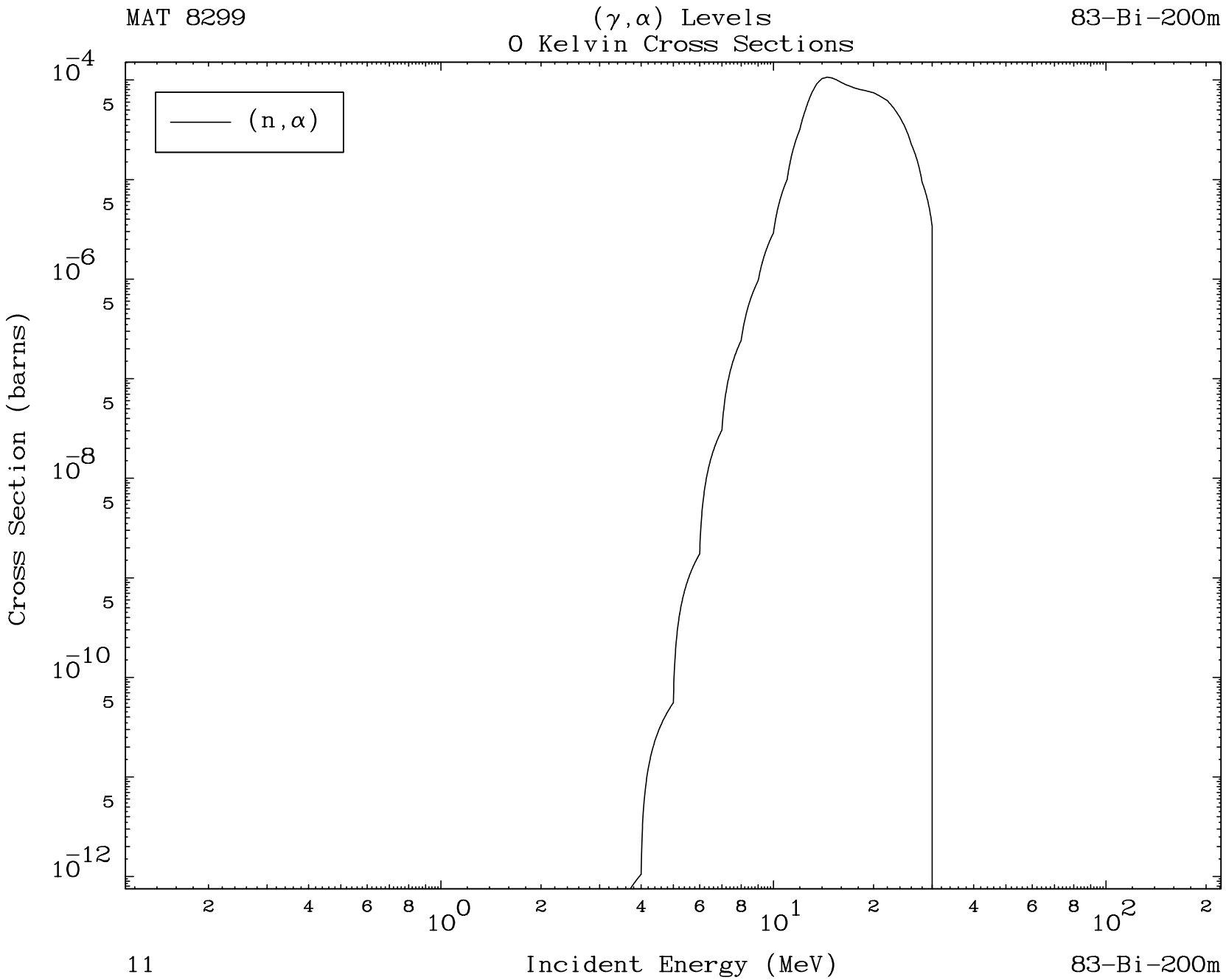

MAT 8299
(γ,n') Levels
0 Kelvin Cross Sections
83-Bi-200m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200m
6

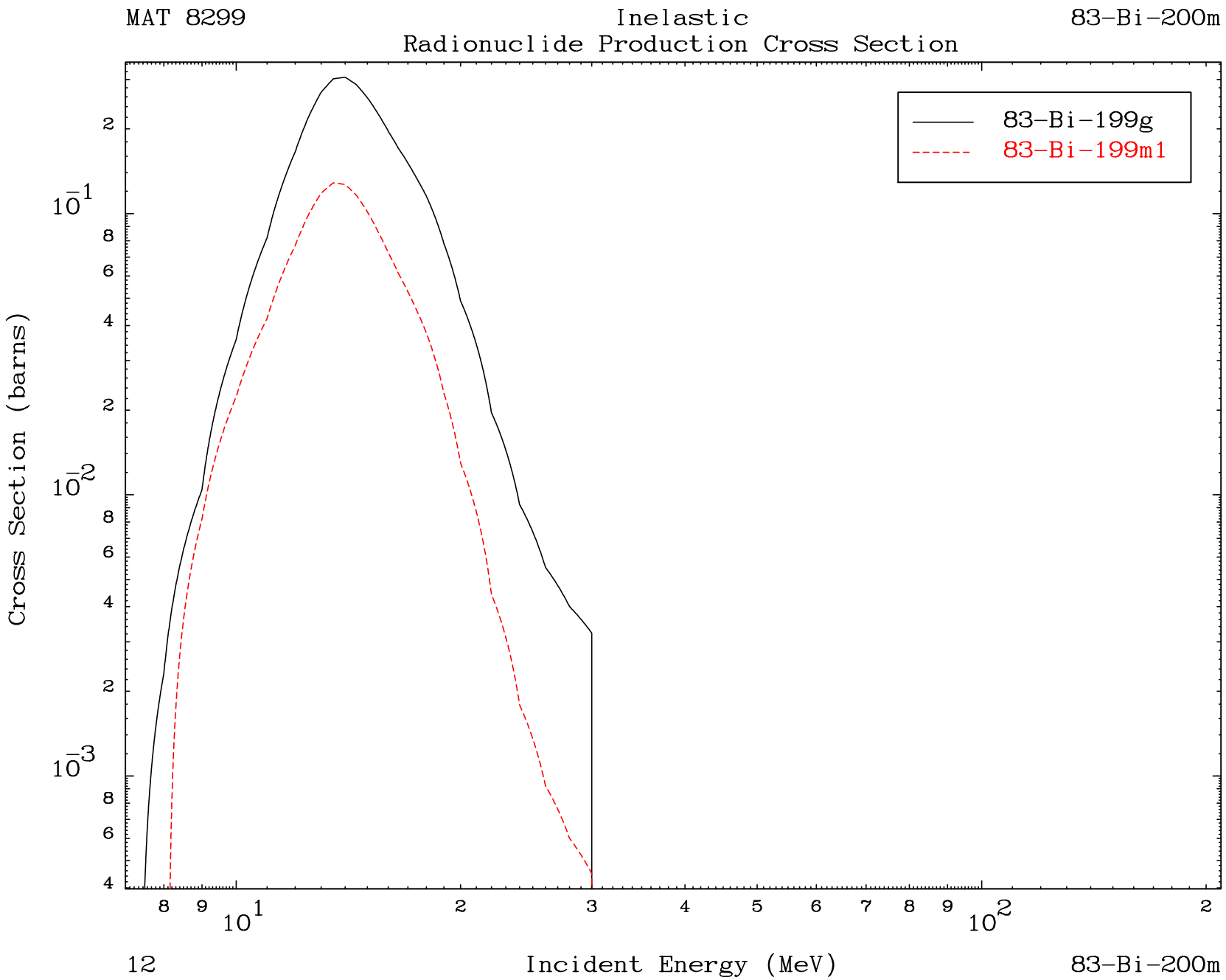

MAT 8299
(γ,p) Levels
83-Bi-200m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
7
Incident Energy (MeV)
83-Bi-200m

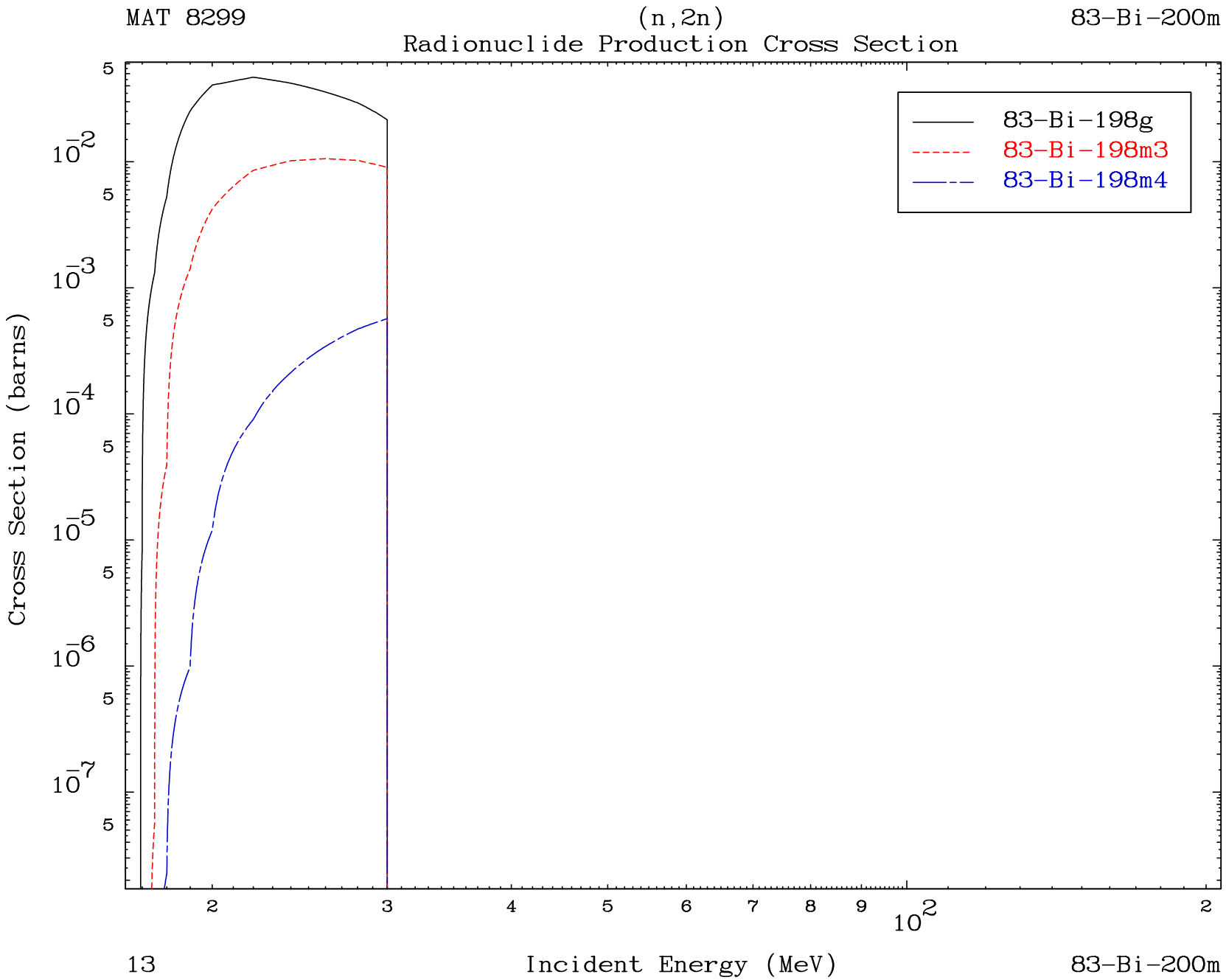

MAT 8299
(γ,d) Levels
83-Bi-200m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
83-Bi-200m

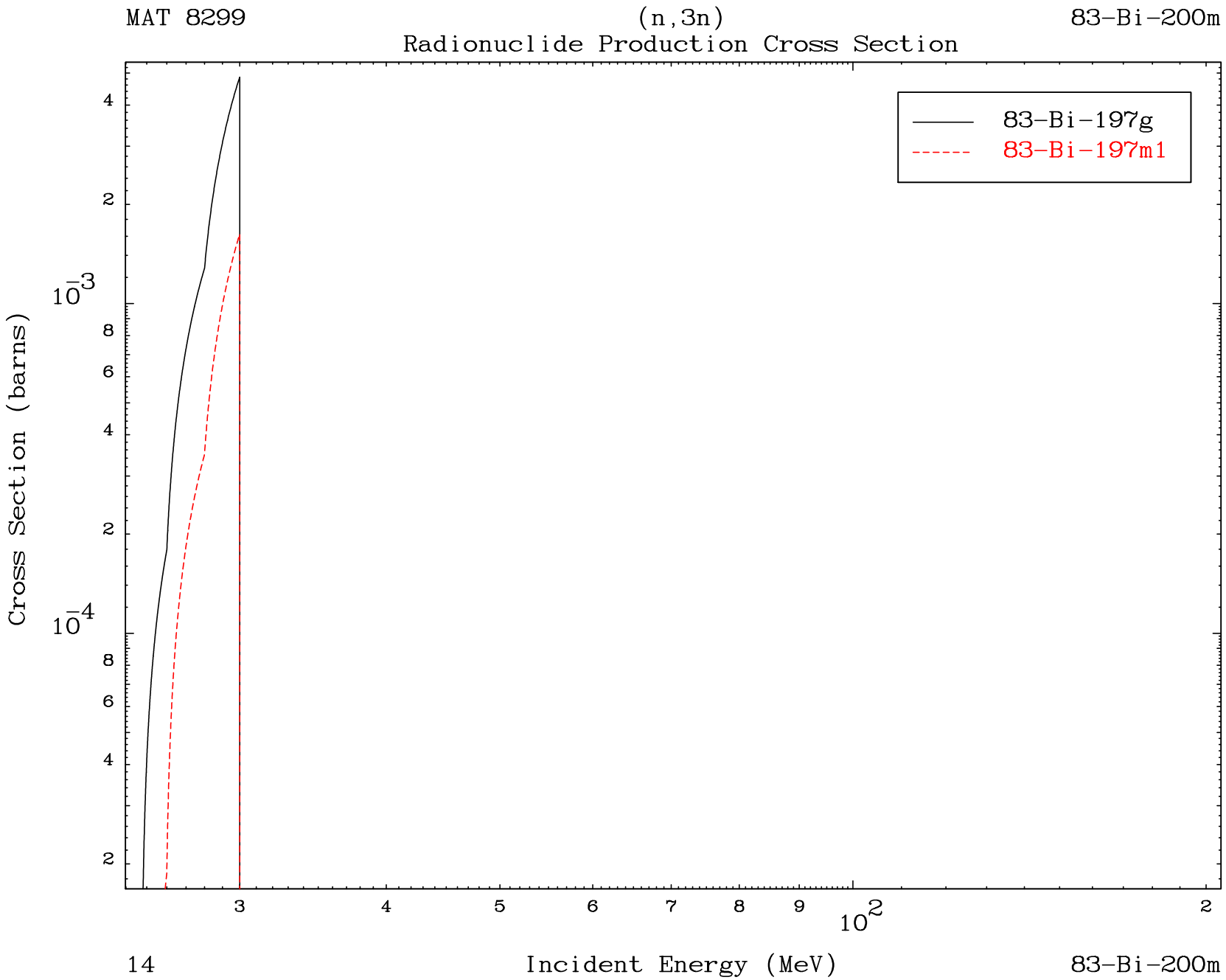

MAT 8299
(γ,t) Levels
83-Bi-200m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200m

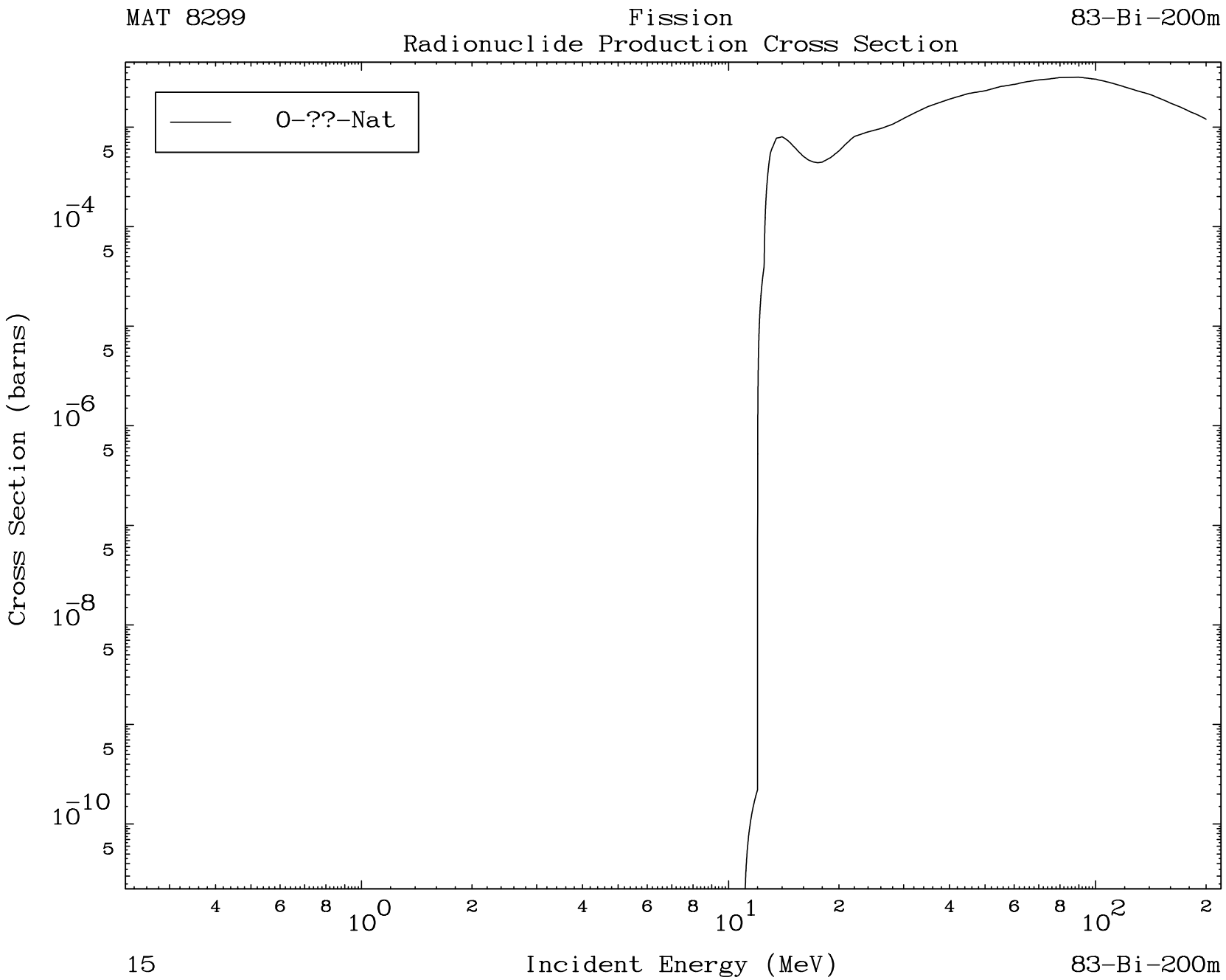

MAT 8299
(γ,He3) Levels
83-Bi-200m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^1
10^2
10
Incident Energy (MeV)
83-Bi-200m

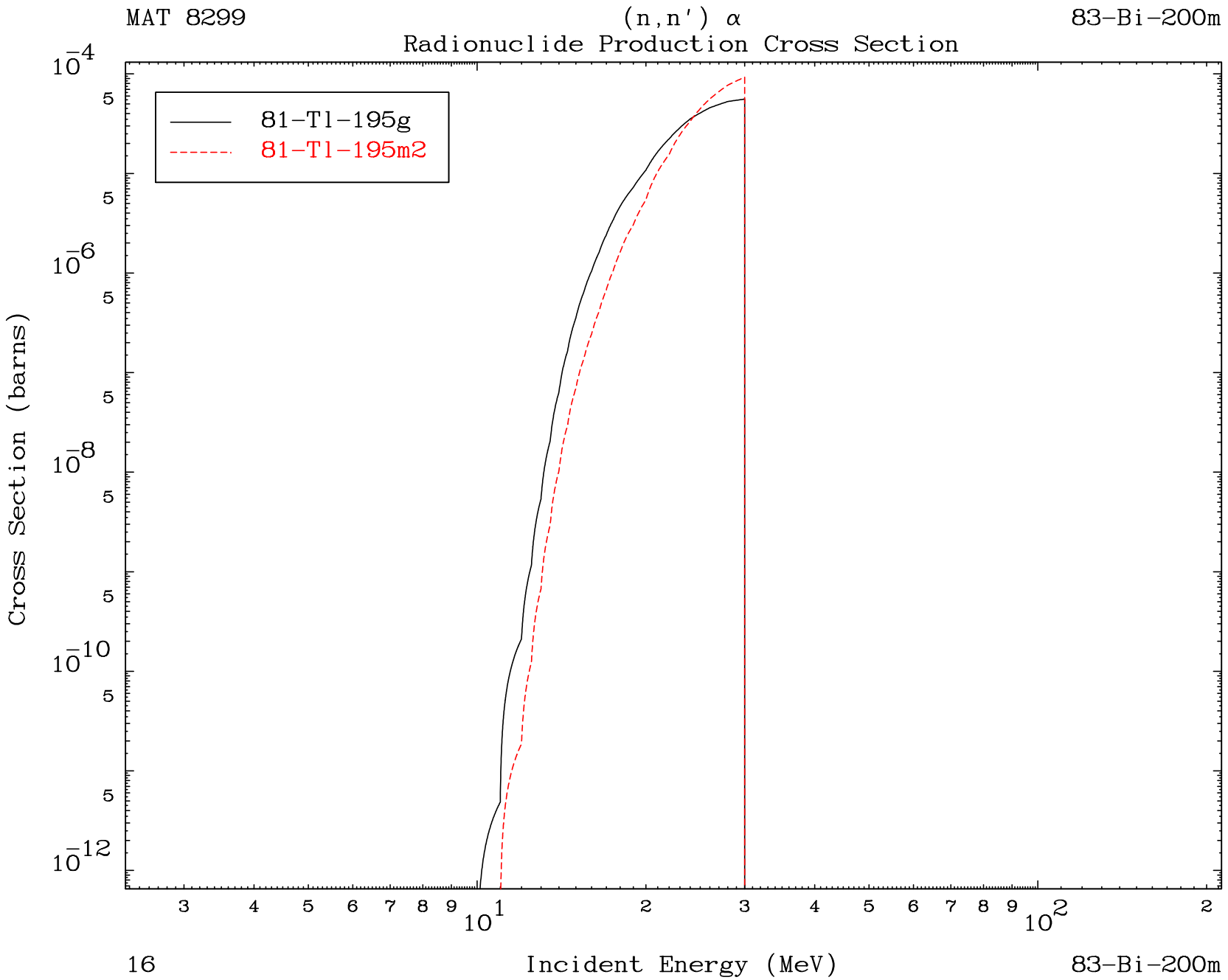

MAT 8299
(γ,α) Levels
83-Bi-200m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
11
83-Bi-200m

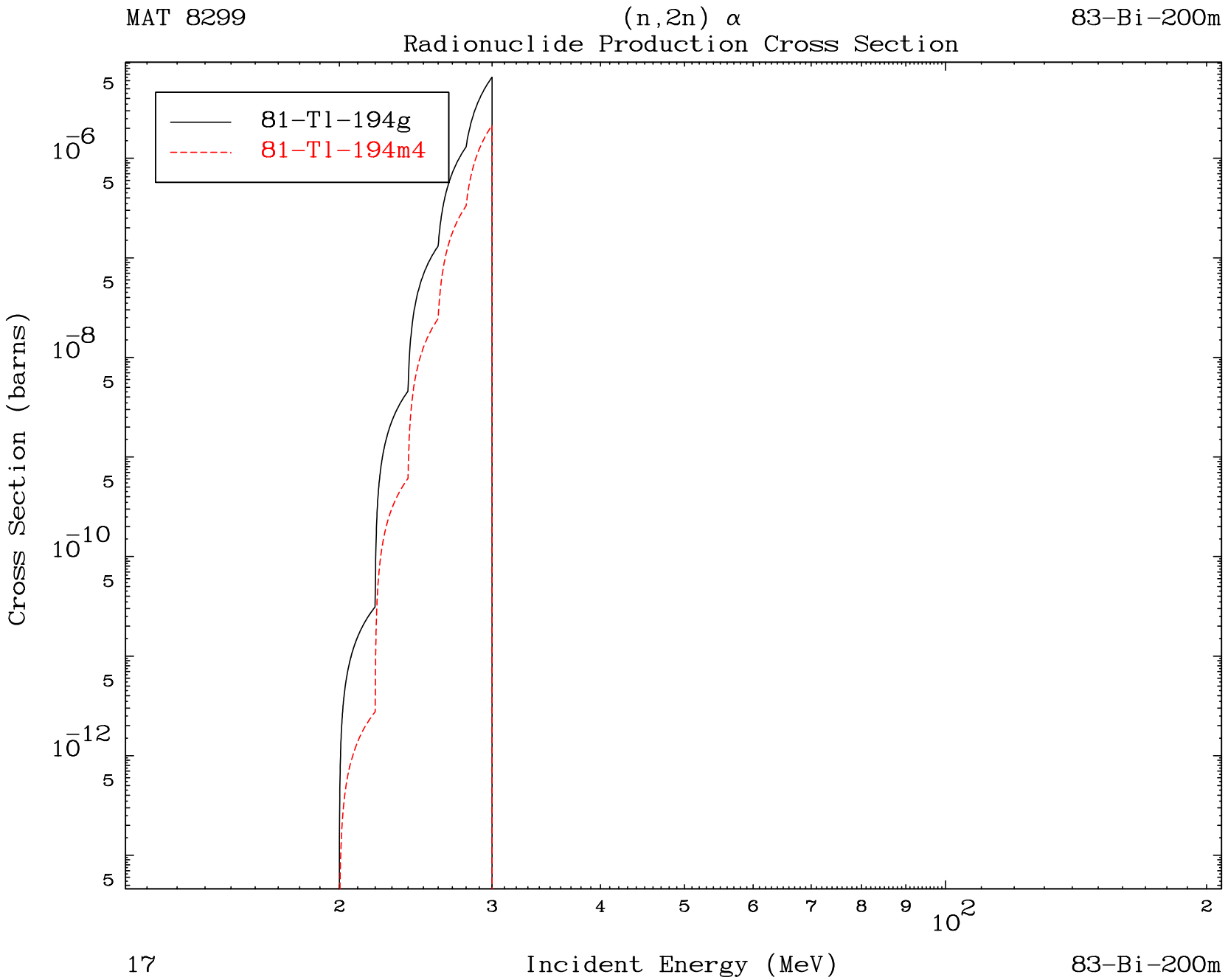

MAT 8299
Inelastic
83-Bi-200m
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
Incident Energy (MeV)
12
83-Bi-200m

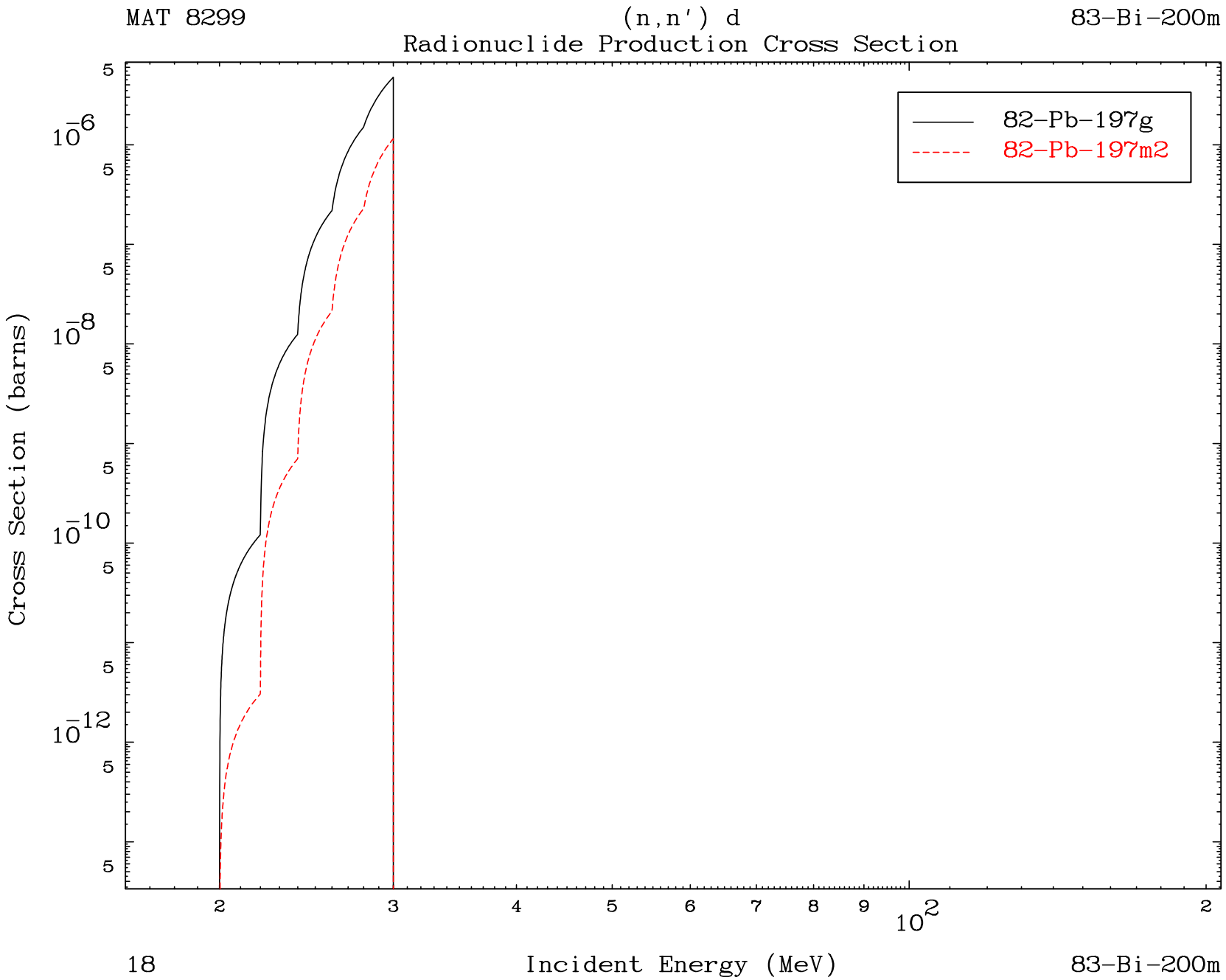

MAT 8299
(n,2n)
83-Bi-200m
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
13
83-Bi-200m

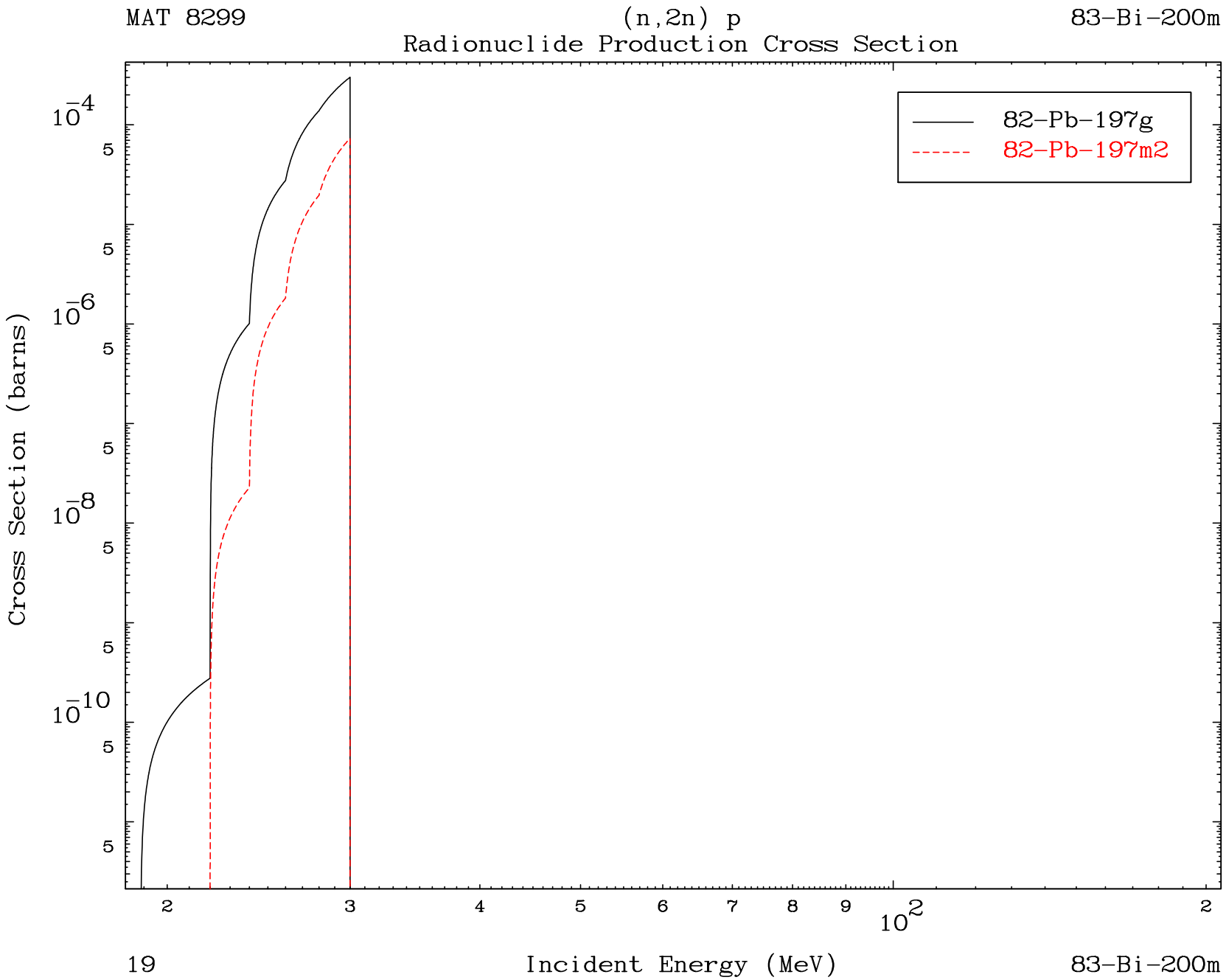

MAT 8299
(n,3n)
83-Bi-200m
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
10-3
10-4
4
2
8
6
4
2
8
6
4
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
83-Bi-200m

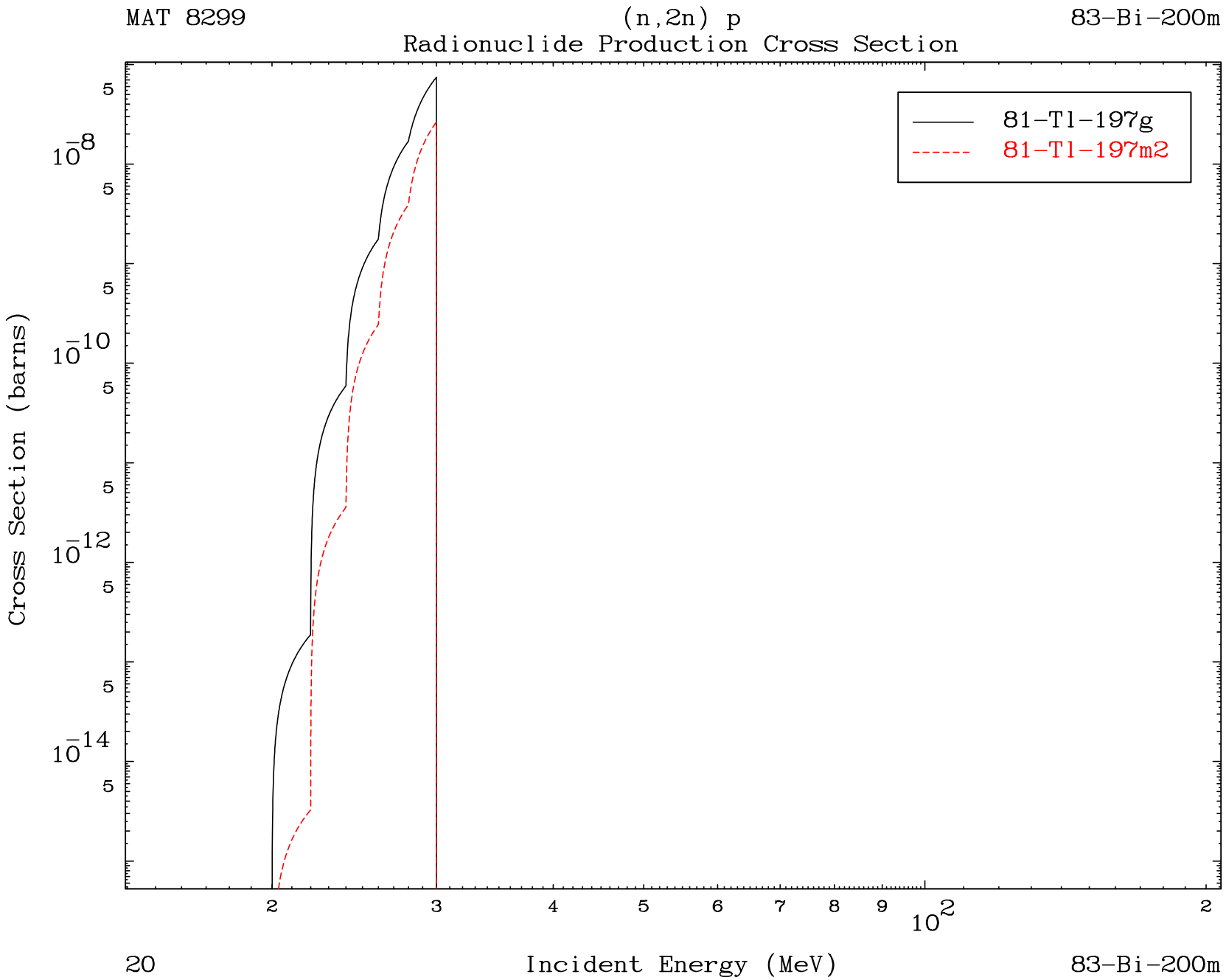

MAT 8299
Fission
83-Bi-200m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
15
83-Bi-200m

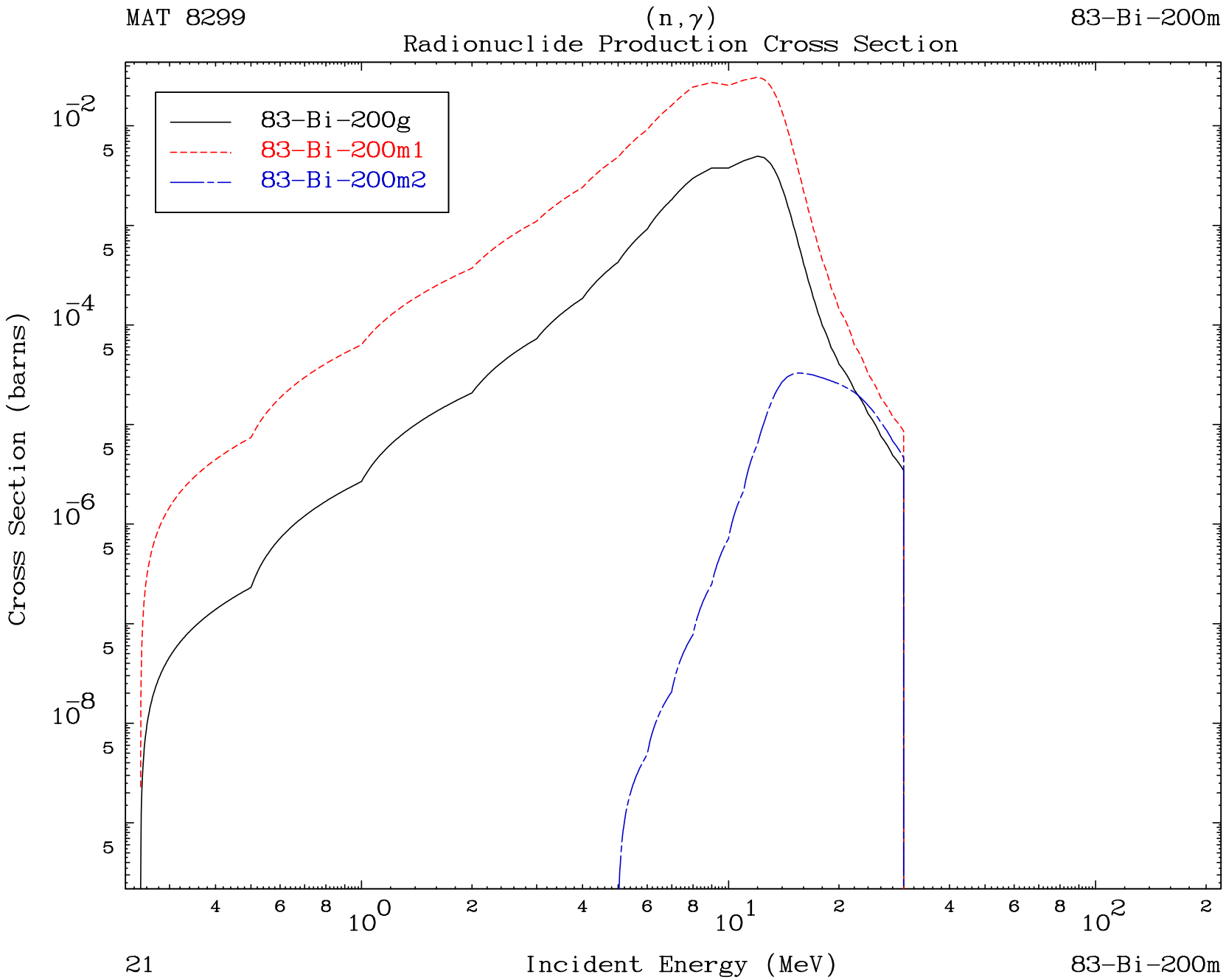

MAT 8299
(n,n') α
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
16
83-Bi-200m

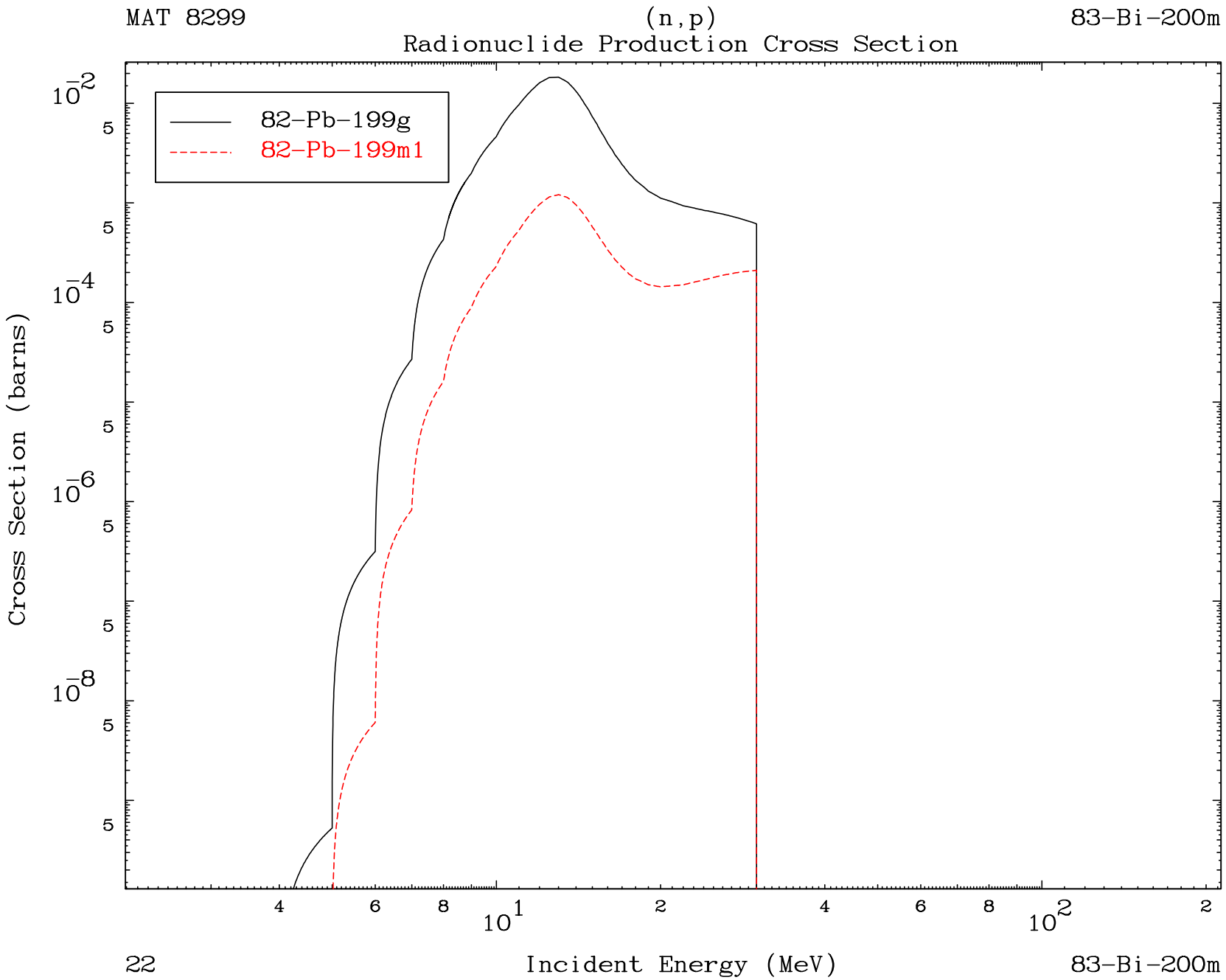

MAT 8299
(n,2n) α
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
83-Bi-200m

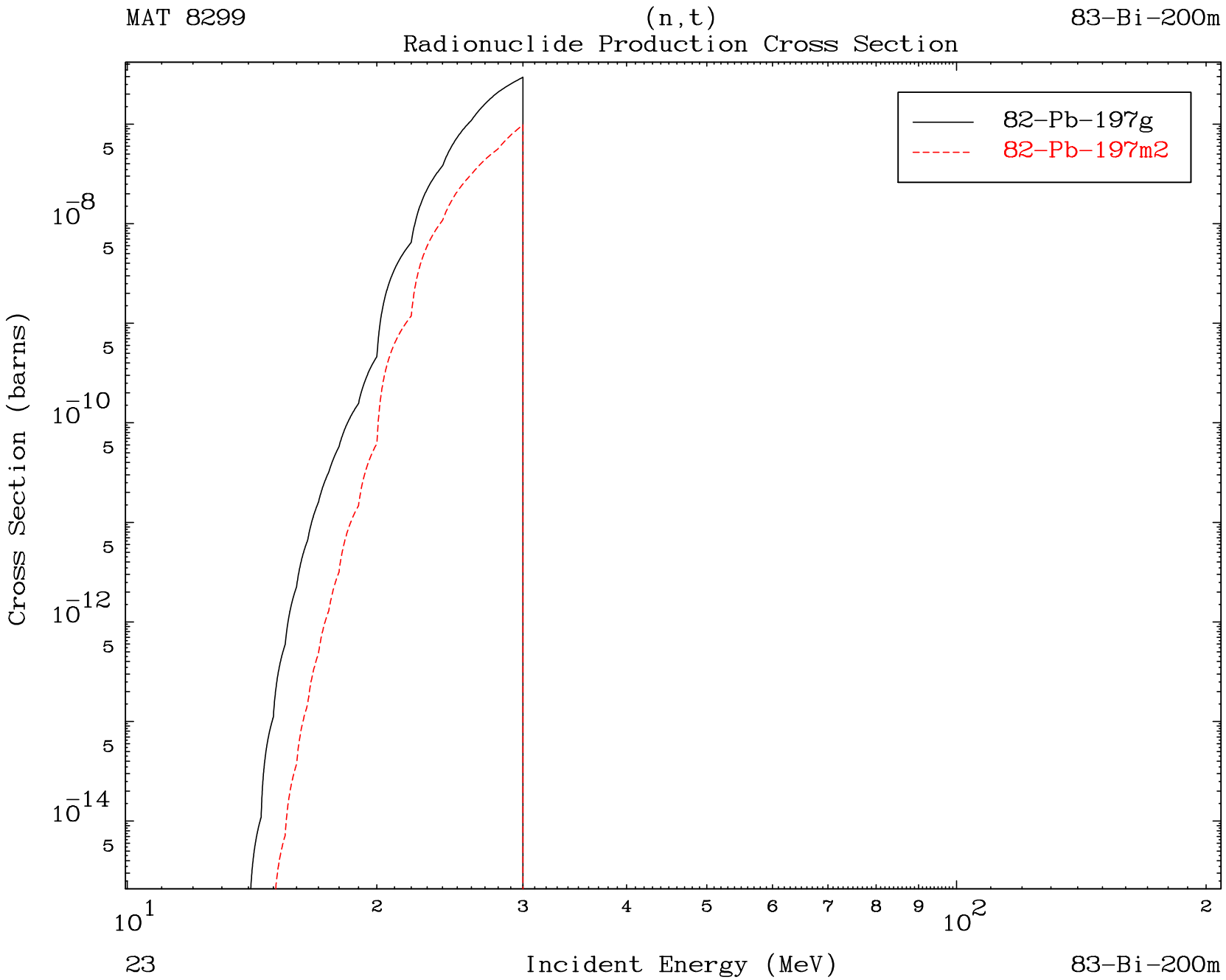

MAT 8299
(n,n') d
83-Bi-200m
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
18
83-Bi-200m

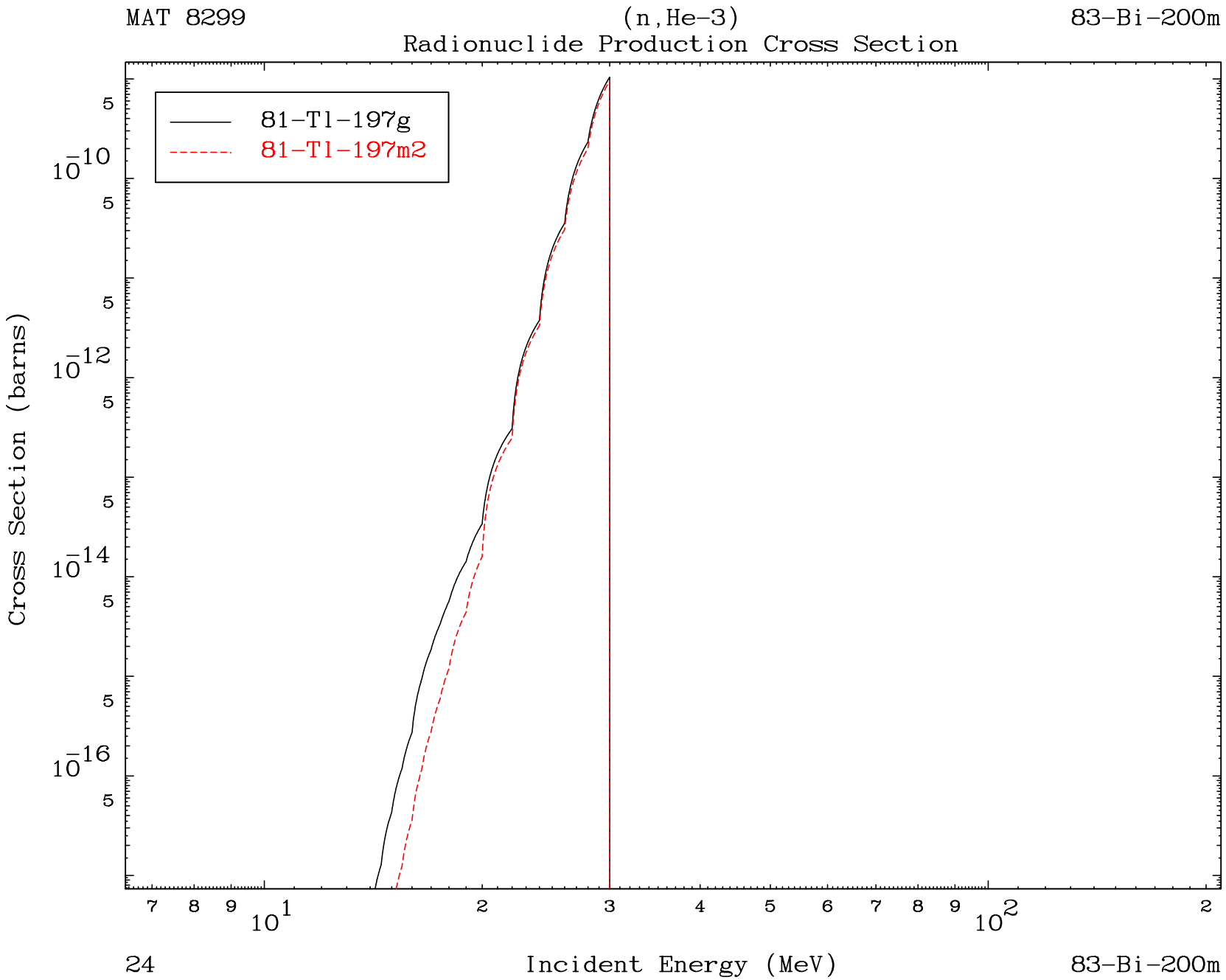

MAT 8299
(n,2n) p
83-Bi-200m
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
83-Bi-200m

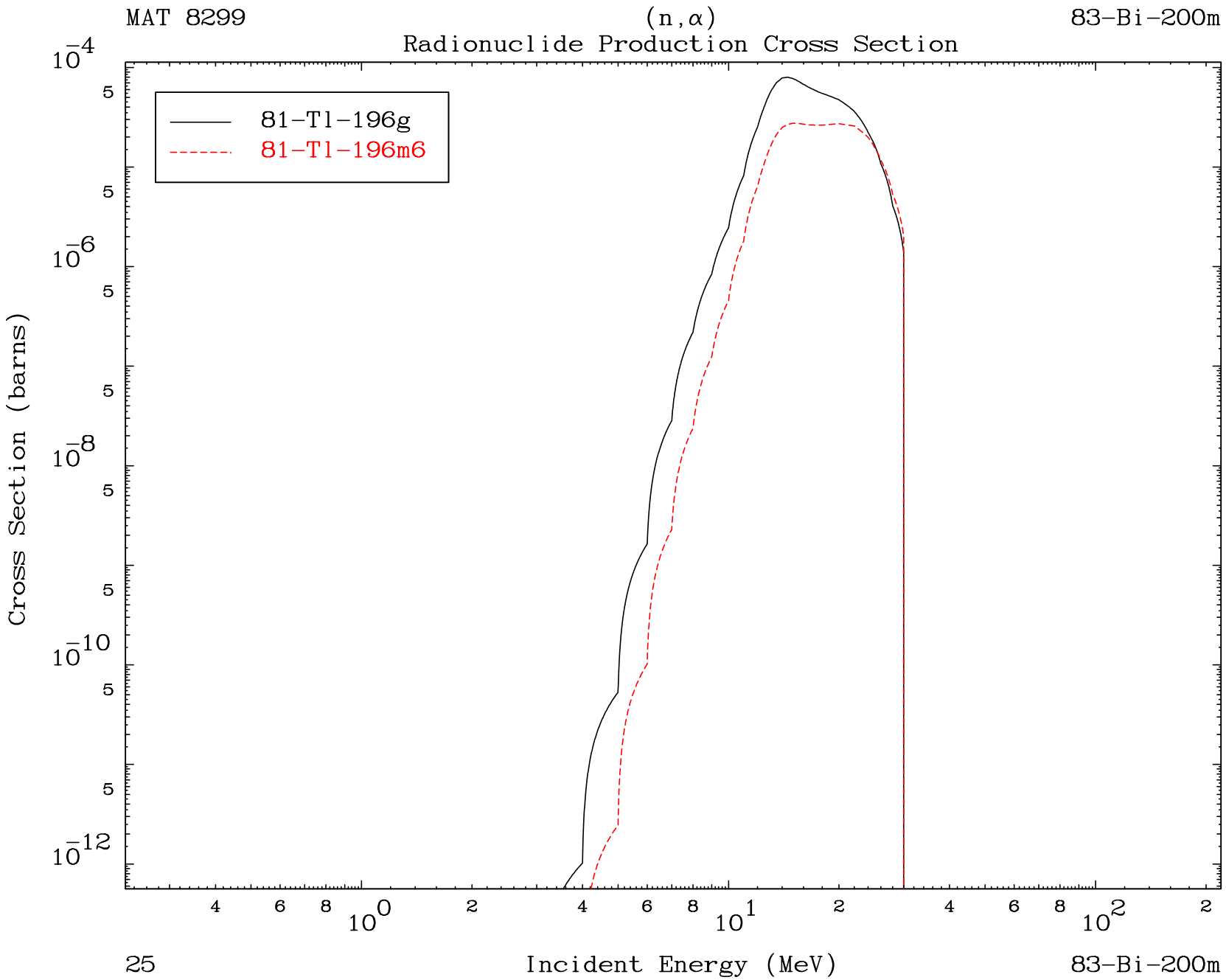

MAT 8299
(n,2n) p
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
20
Incident Energy (MeV)
83-Bi-200m

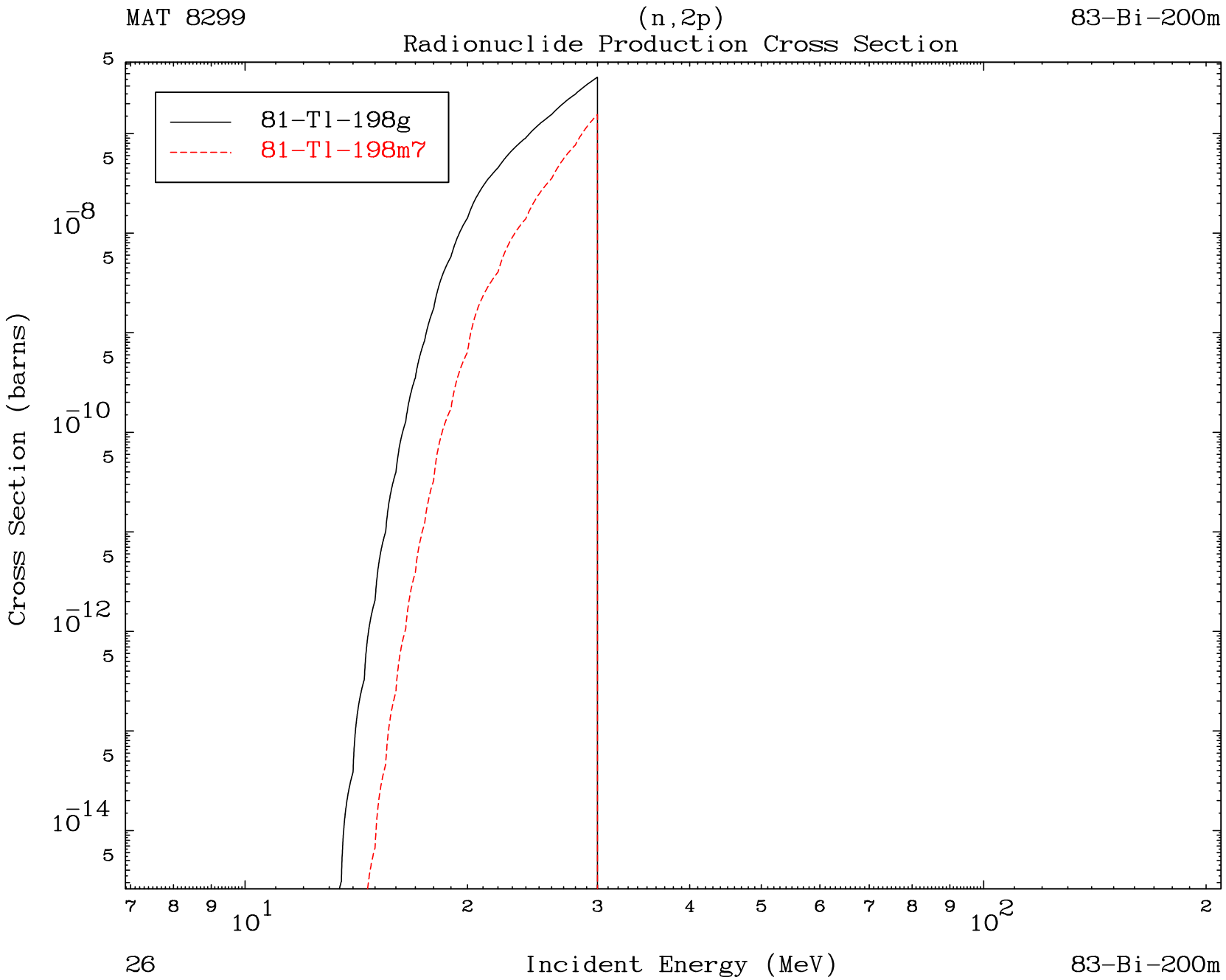

MAT 8299
(n,γ)
83-Bi-200m
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
21
83-Bi-200m

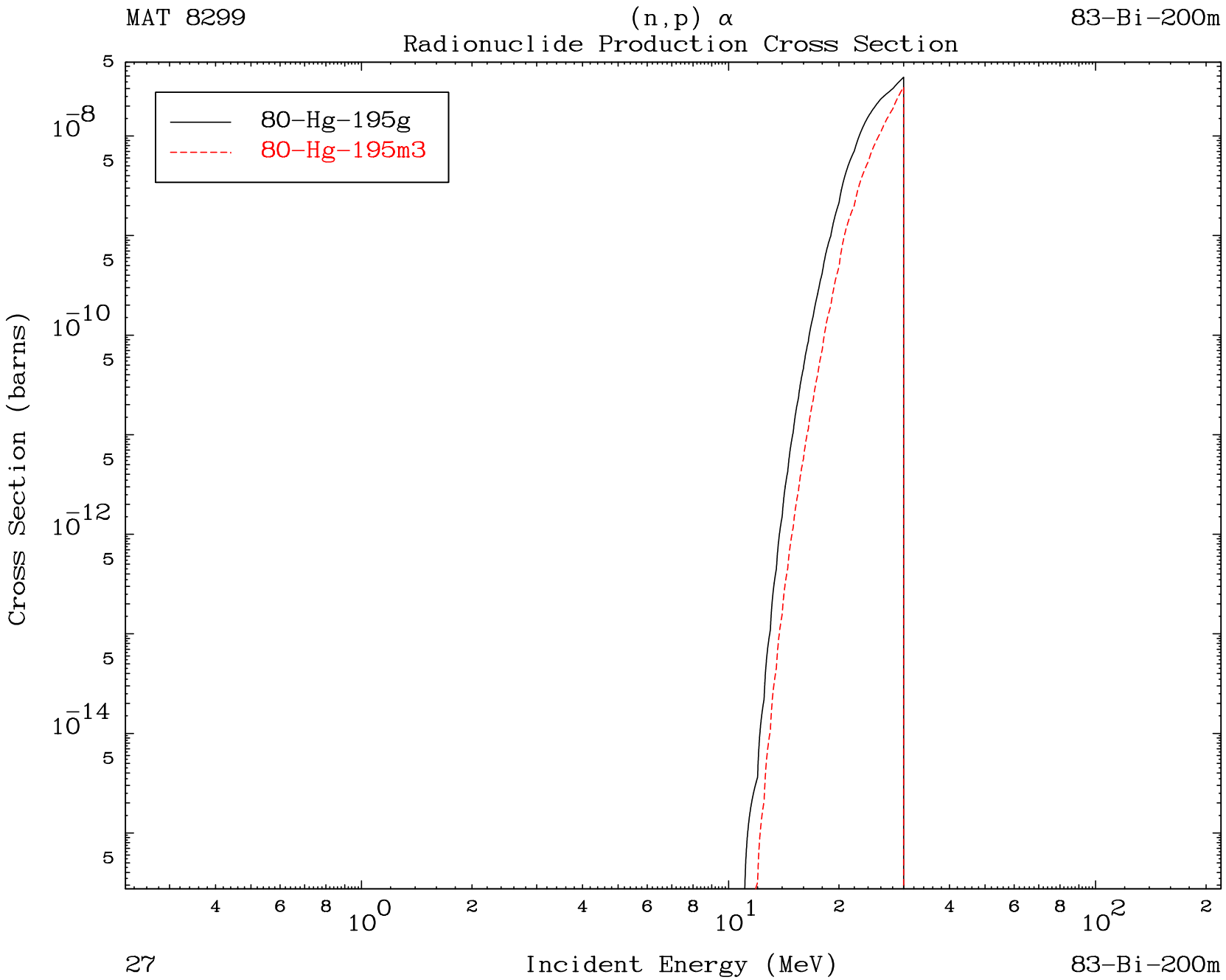

MAT 8299
(n,p)
83-Bi-200m
Radionuclide Production Cross Section
82-Pb-199g
82-Pb-199m1
Cross Section (barns)
Incident Energy (MeV)
22
83-Bi-200m

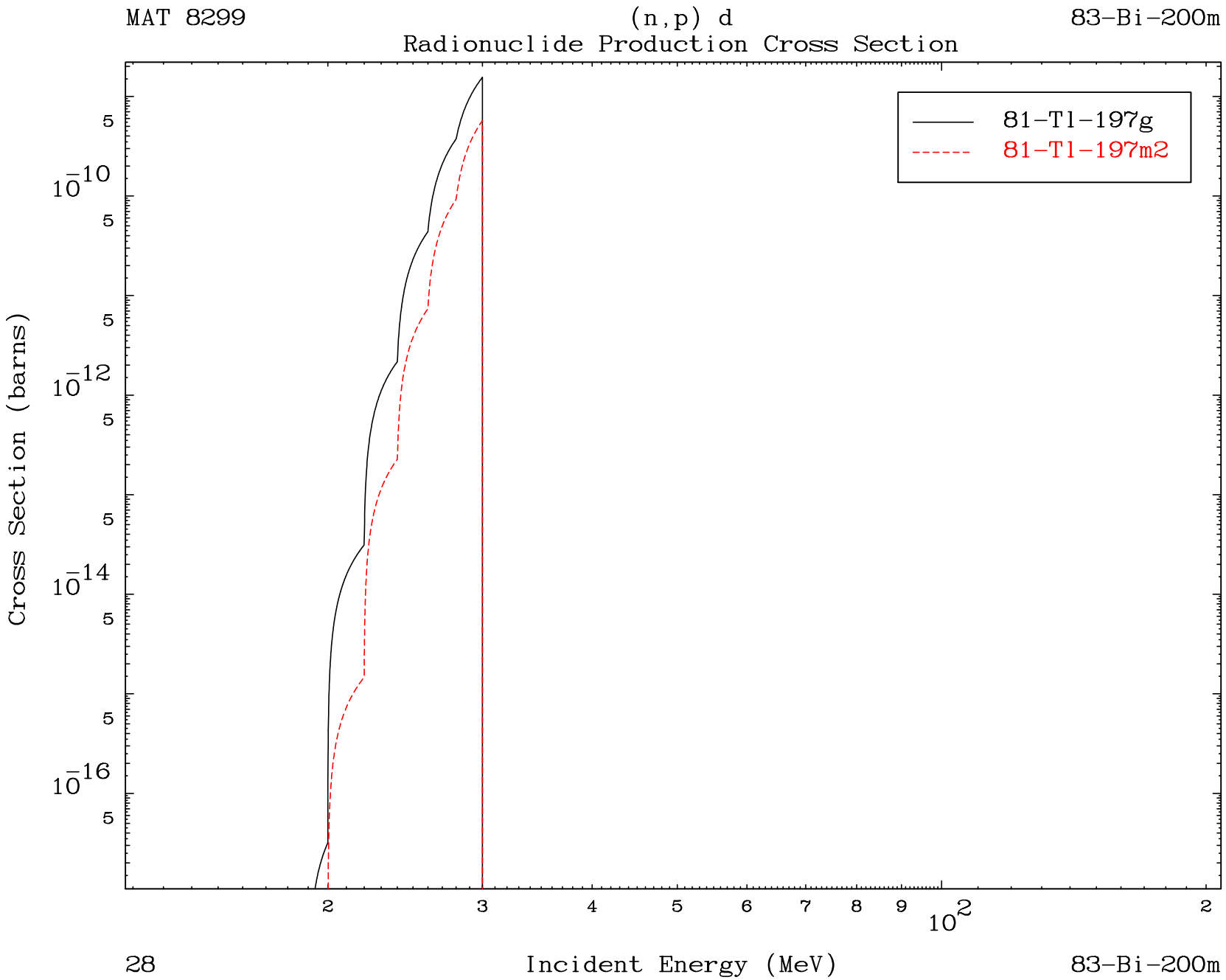

MAT 8299
(n,t)
83-Bi-200m
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
101
2
3
4
5
6
7
8
9
102
2
23
Incident Energy (MeV)
83-Bi-200m


MAT 8299
(n,He-3)
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
7 8 9
10^1
2
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
83-Bi-200m


MAT 8299
(n,α)
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
Incident Energy (MeV)
25
83-Bi-200m


MAT 8299
(n,2p)
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
Incident Energy (MeV)
26
83-Bi-200m


MAT 8299
(n,p) α
83-Bi-200m
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
27
83-Bi-200m


MAT 8299
(n,p) d
83-Bi-200m
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
28
Incident Energy (MeV)
83-Bi-200m