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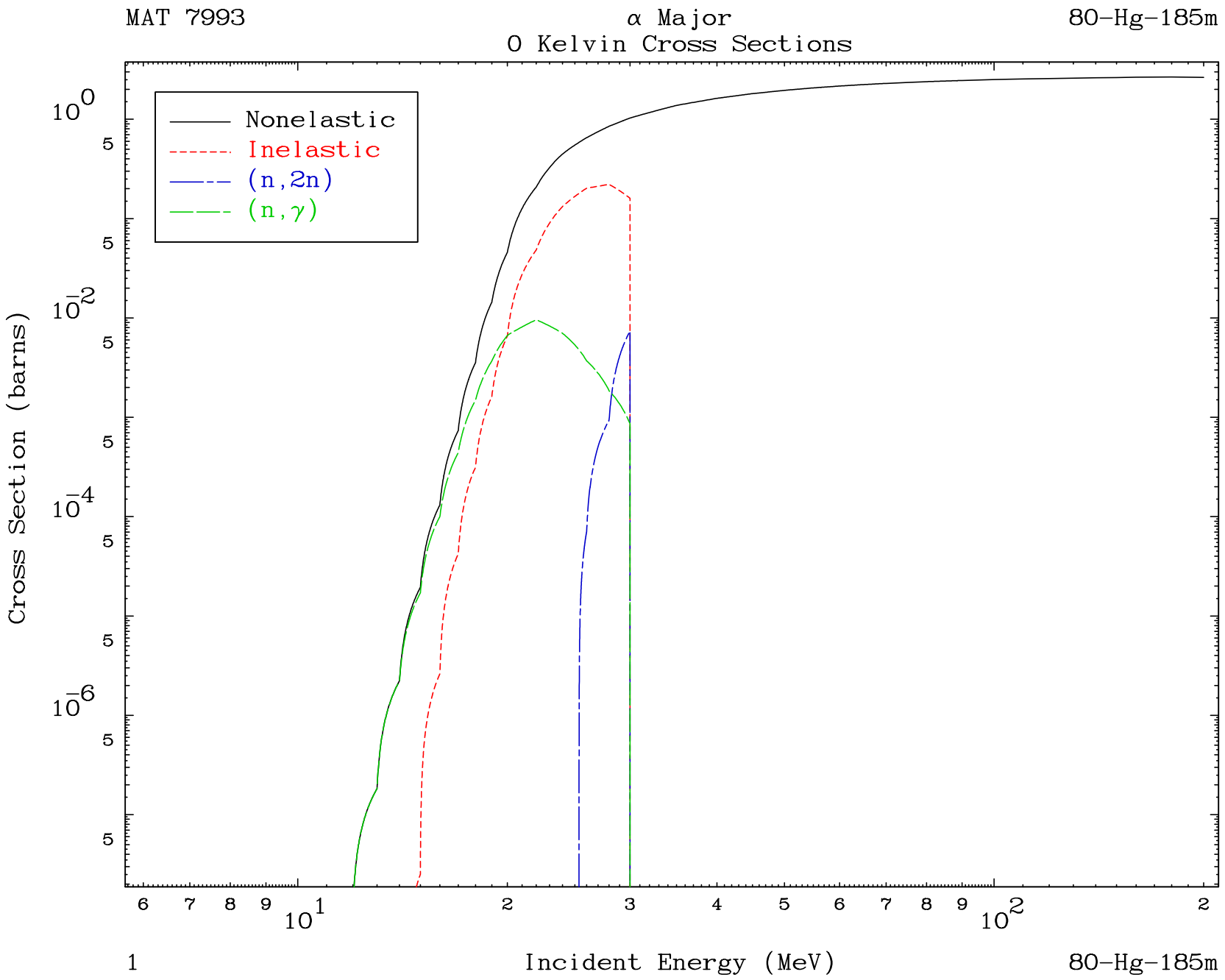
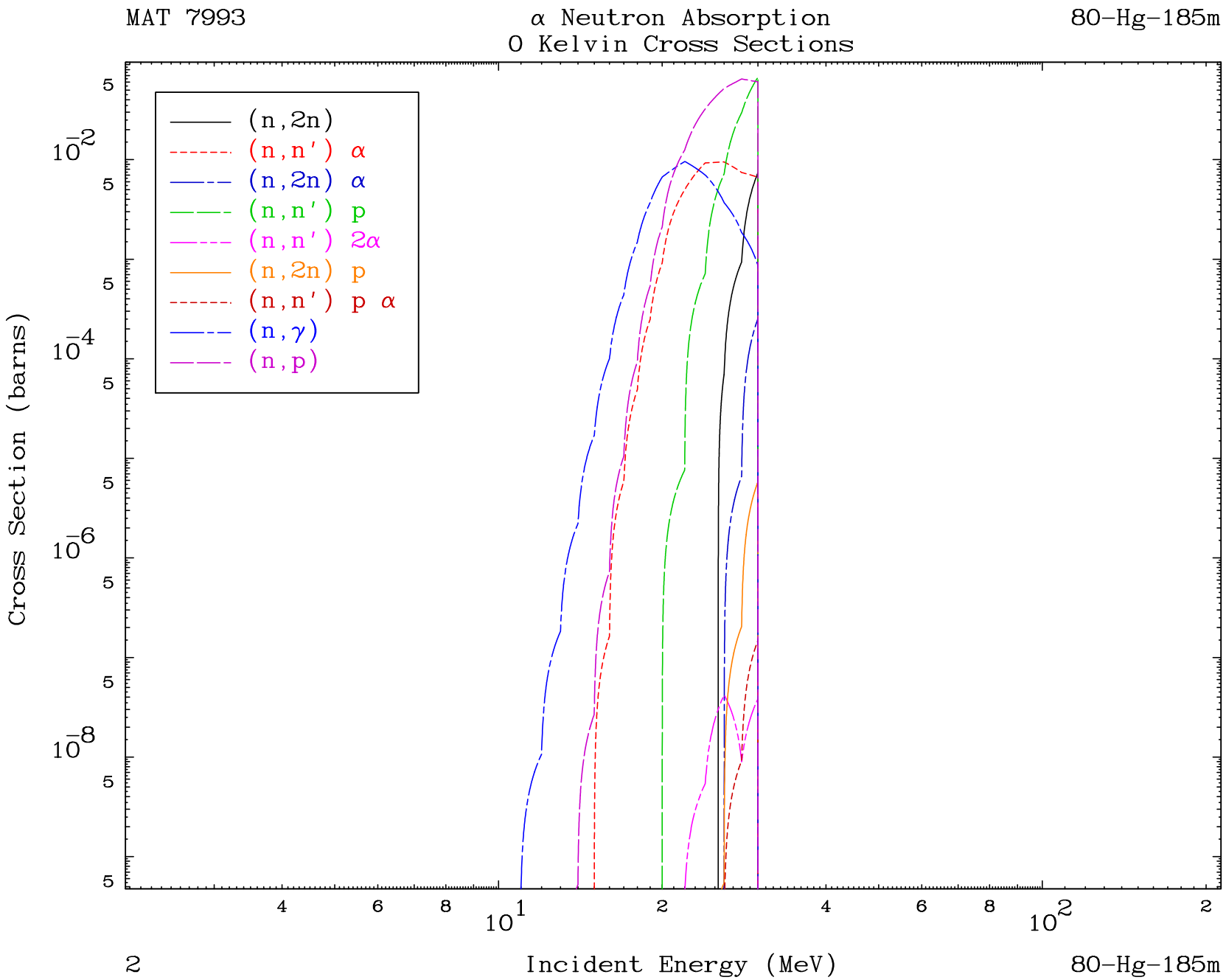
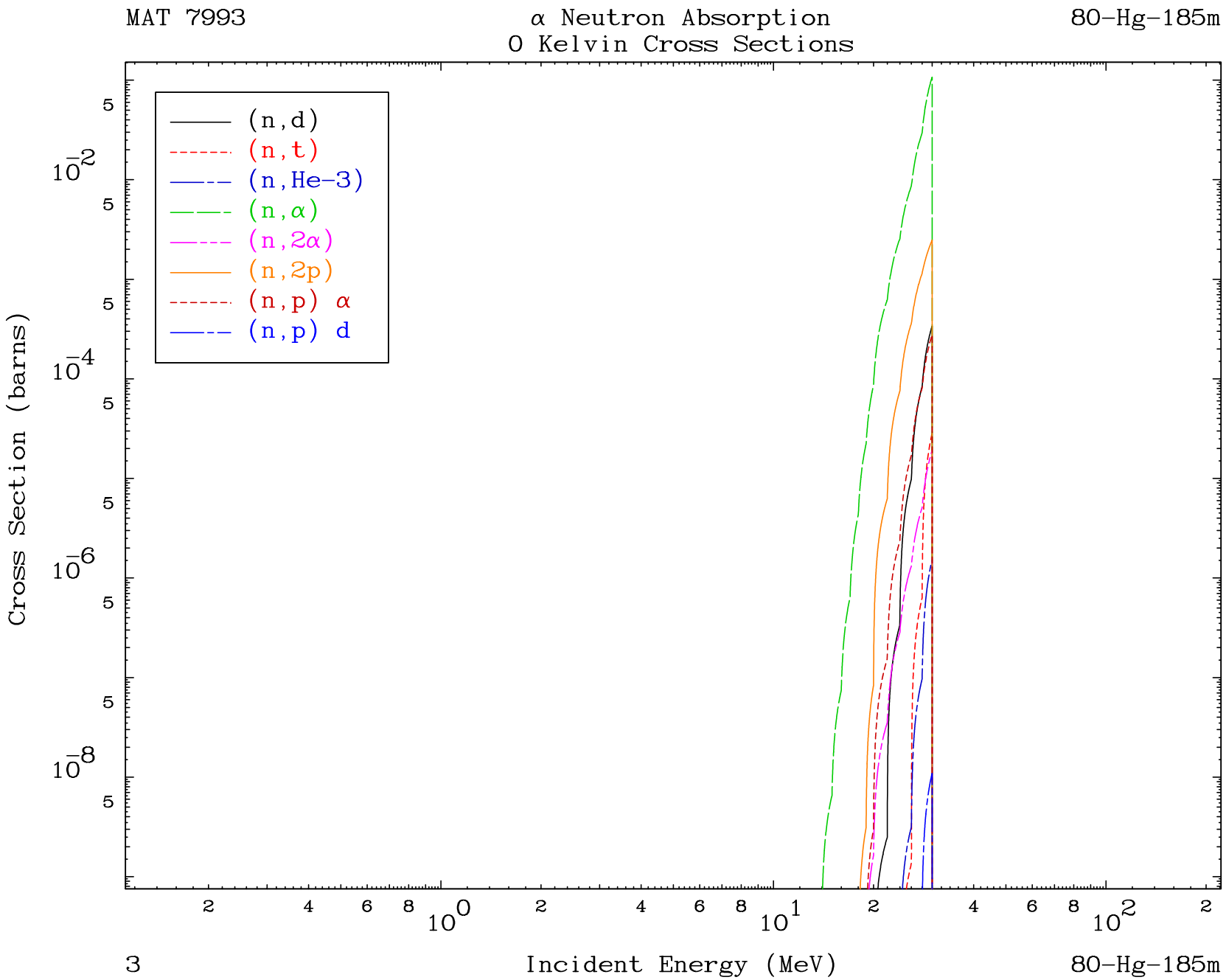
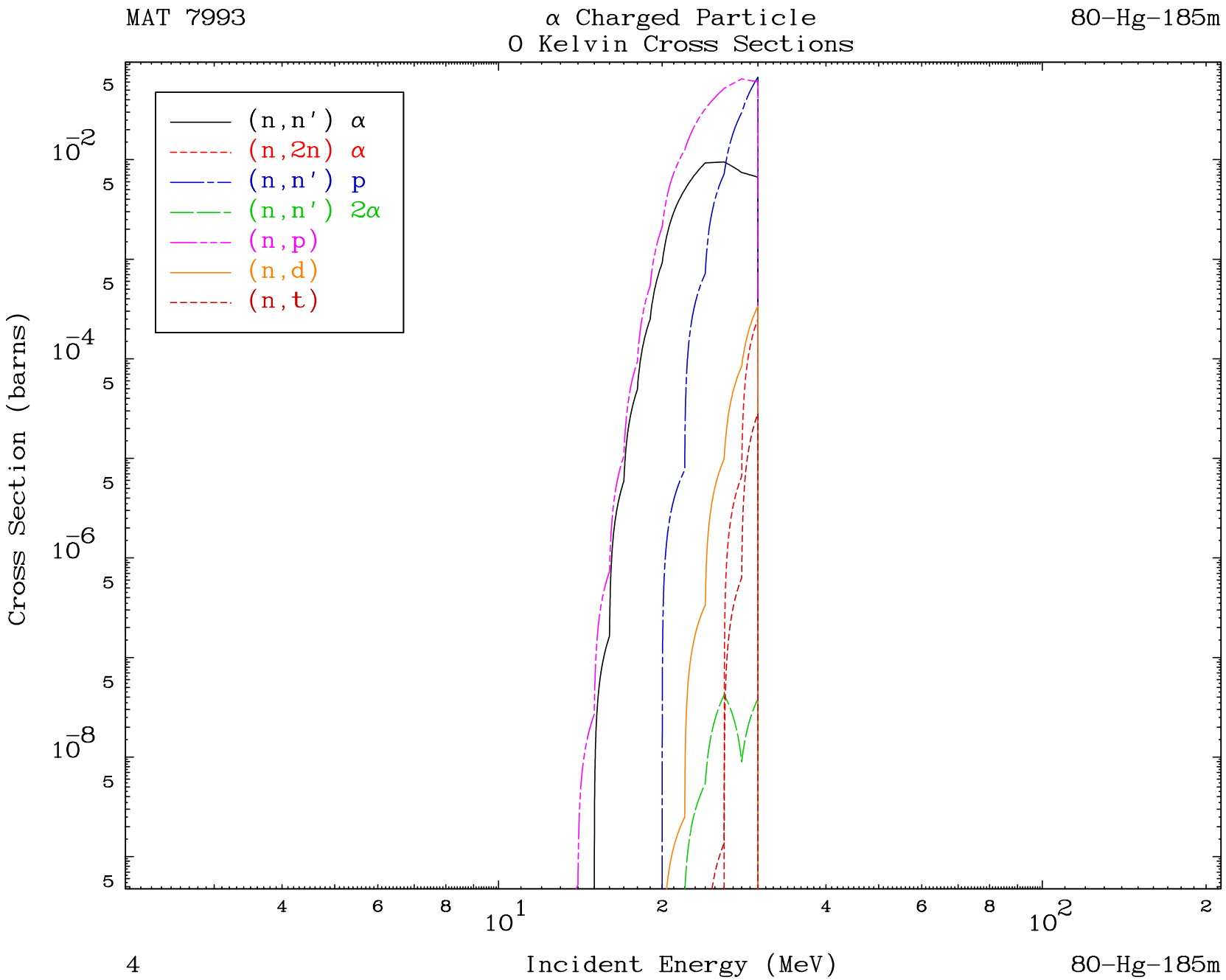
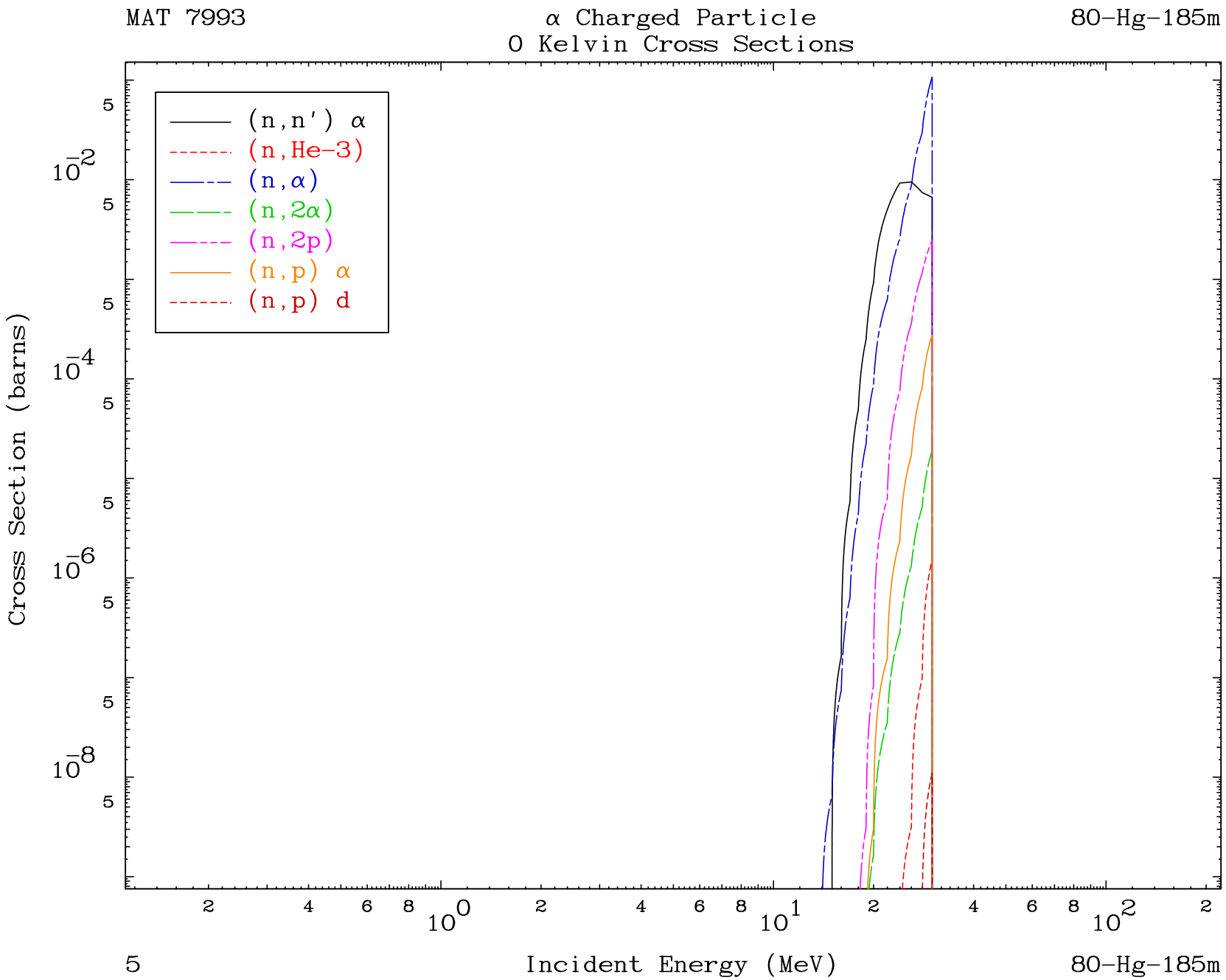
Press Mouse Button to Start

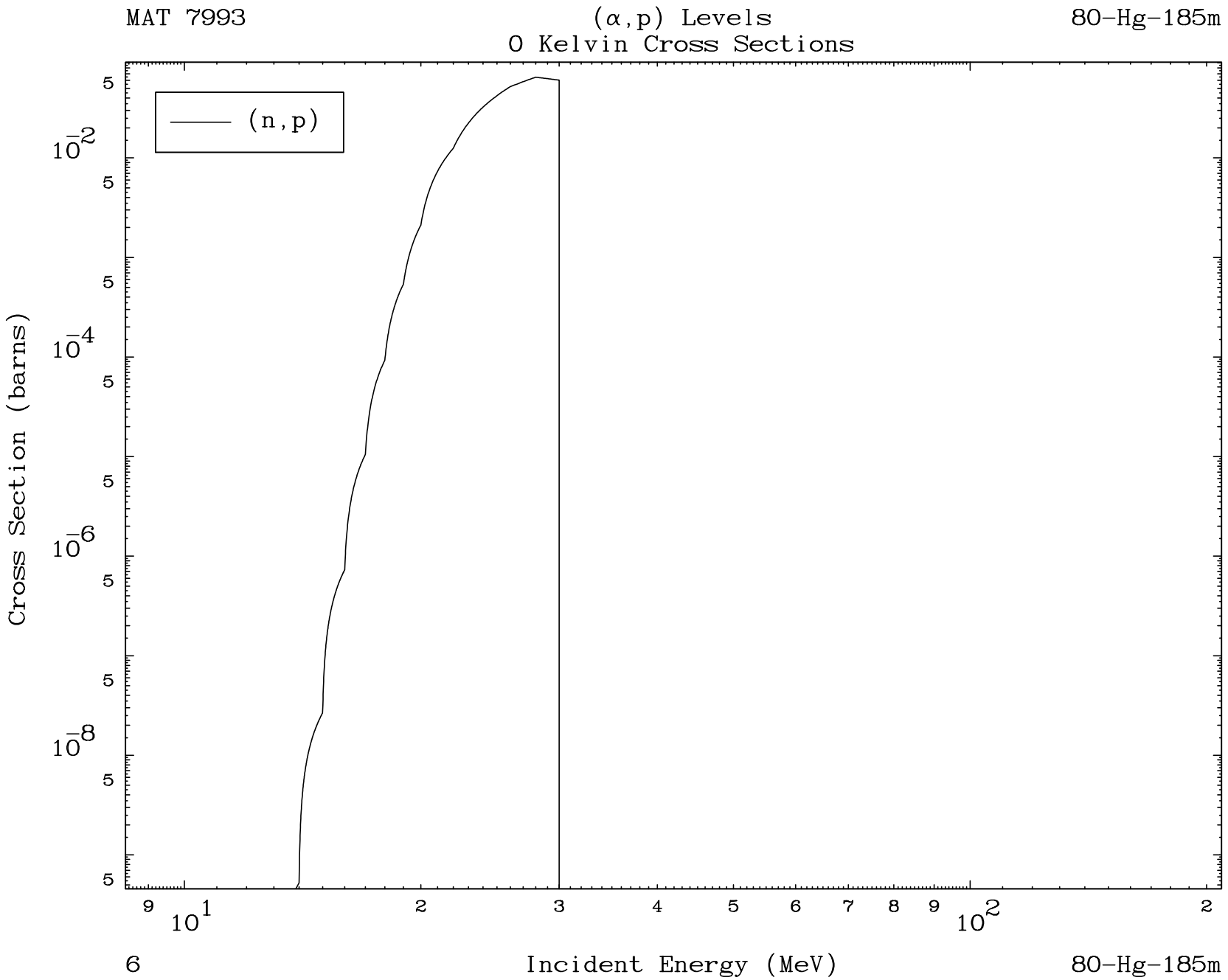

MAT 7993
α Major
80-Hg-185m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-185m

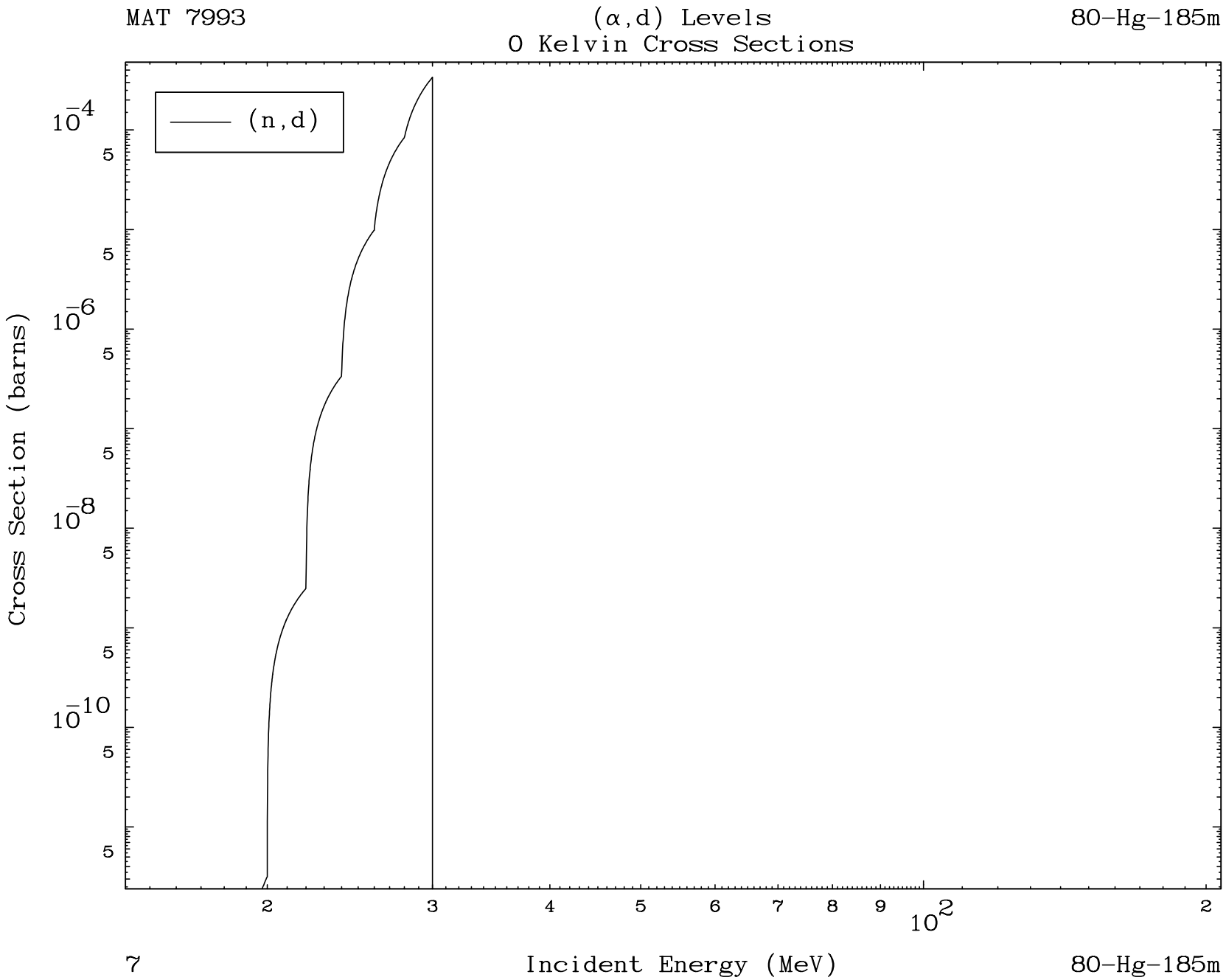

MAT 7993
α Neutron Absorption
0 Kelvin Cross Sections
80-Hg-185m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-185m
2


MAT 7993
α Neutron Absorption
0 Kelvin Cross Sections
80-Hg-185m
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-185m

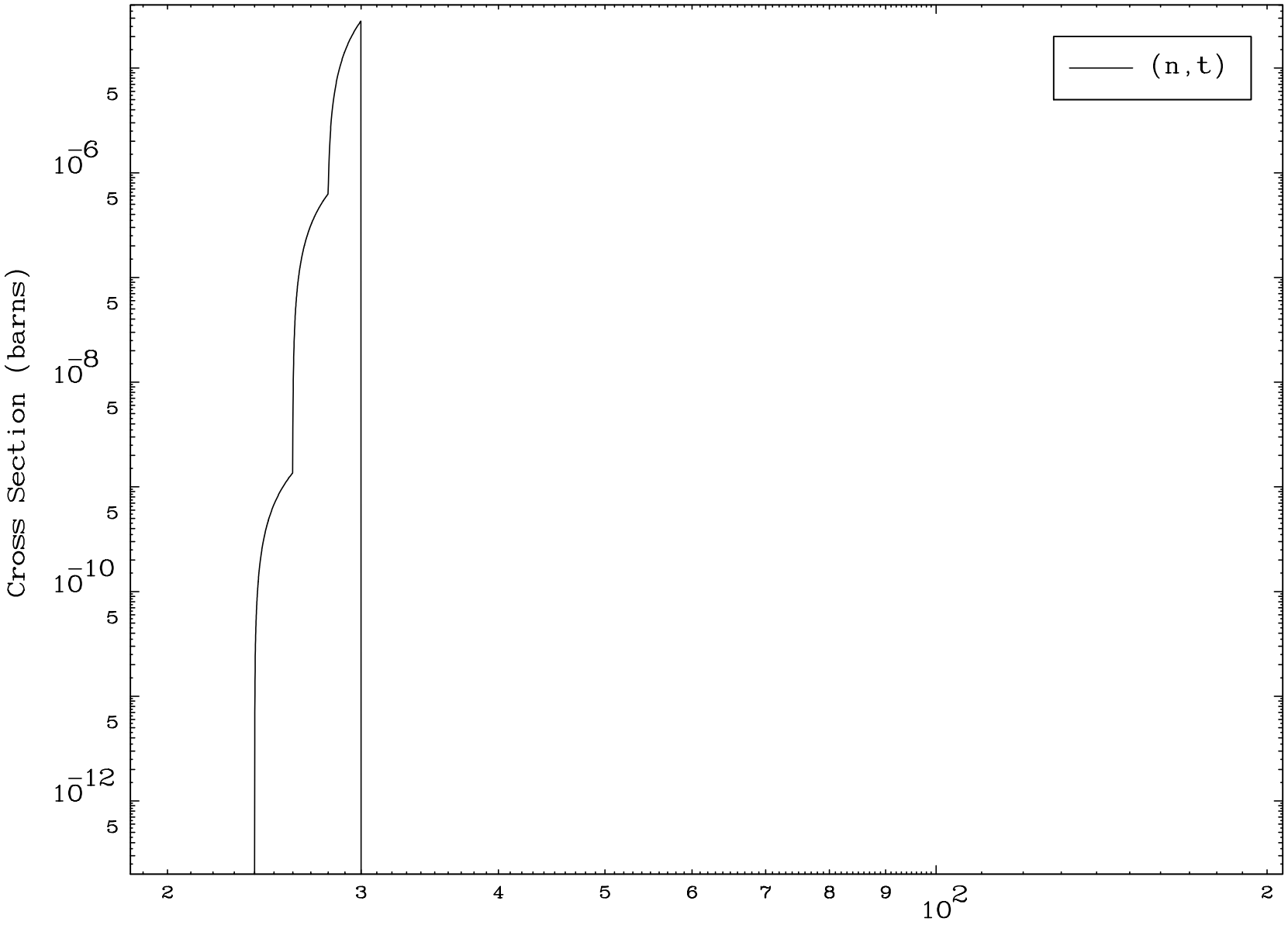

MAT 7993
α Charged Particle
0 Kelvin Cross Sections
80-Hg-185m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-185m
4

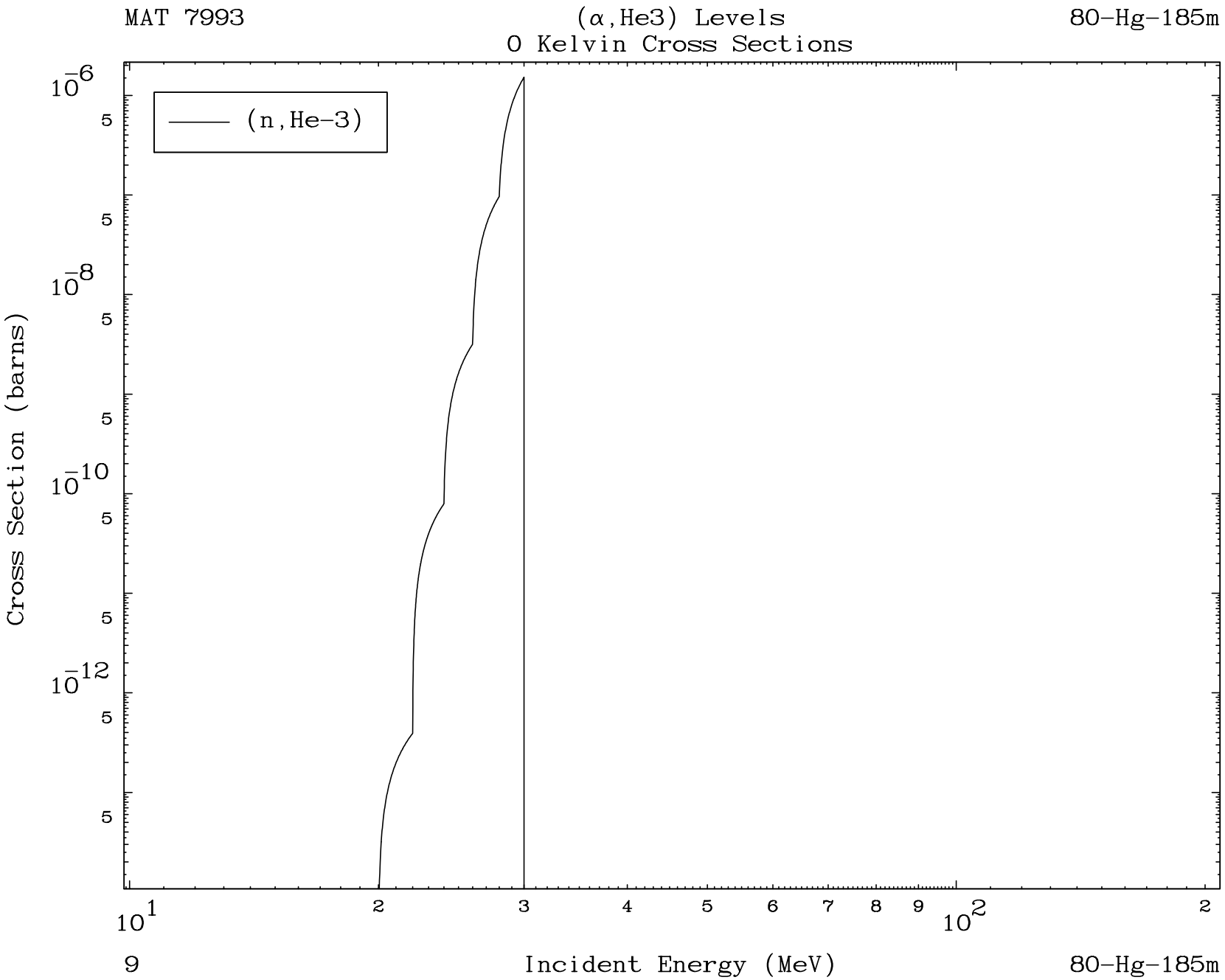

MAT 7993
α Charged Particle
0 Kelvin Cross Sections
80-Hg-185m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
5
80-Hg-185m

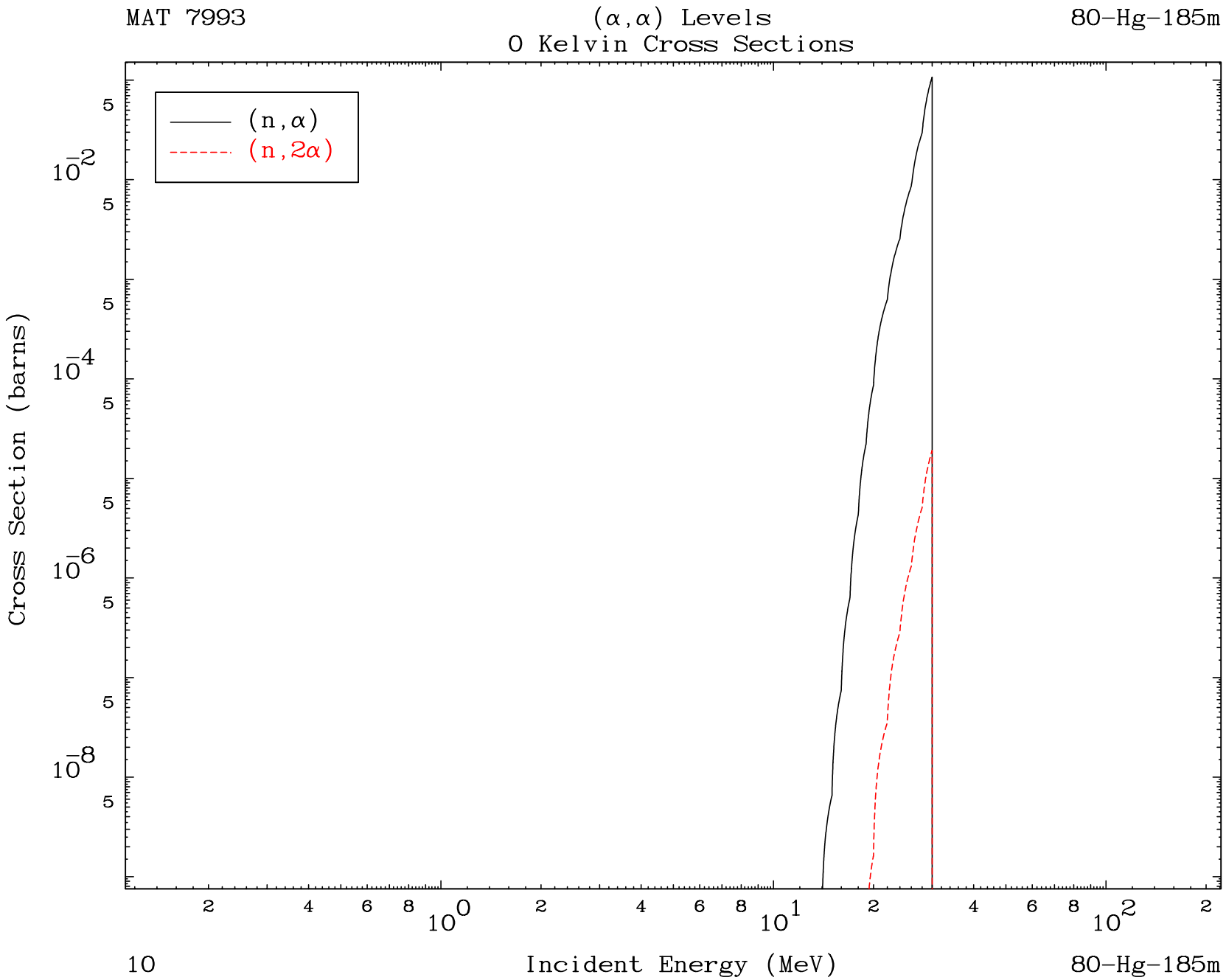

MAT 7993
(α,p) Levels
80-Hg-185m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10 1
10 2
80-Hg-185m

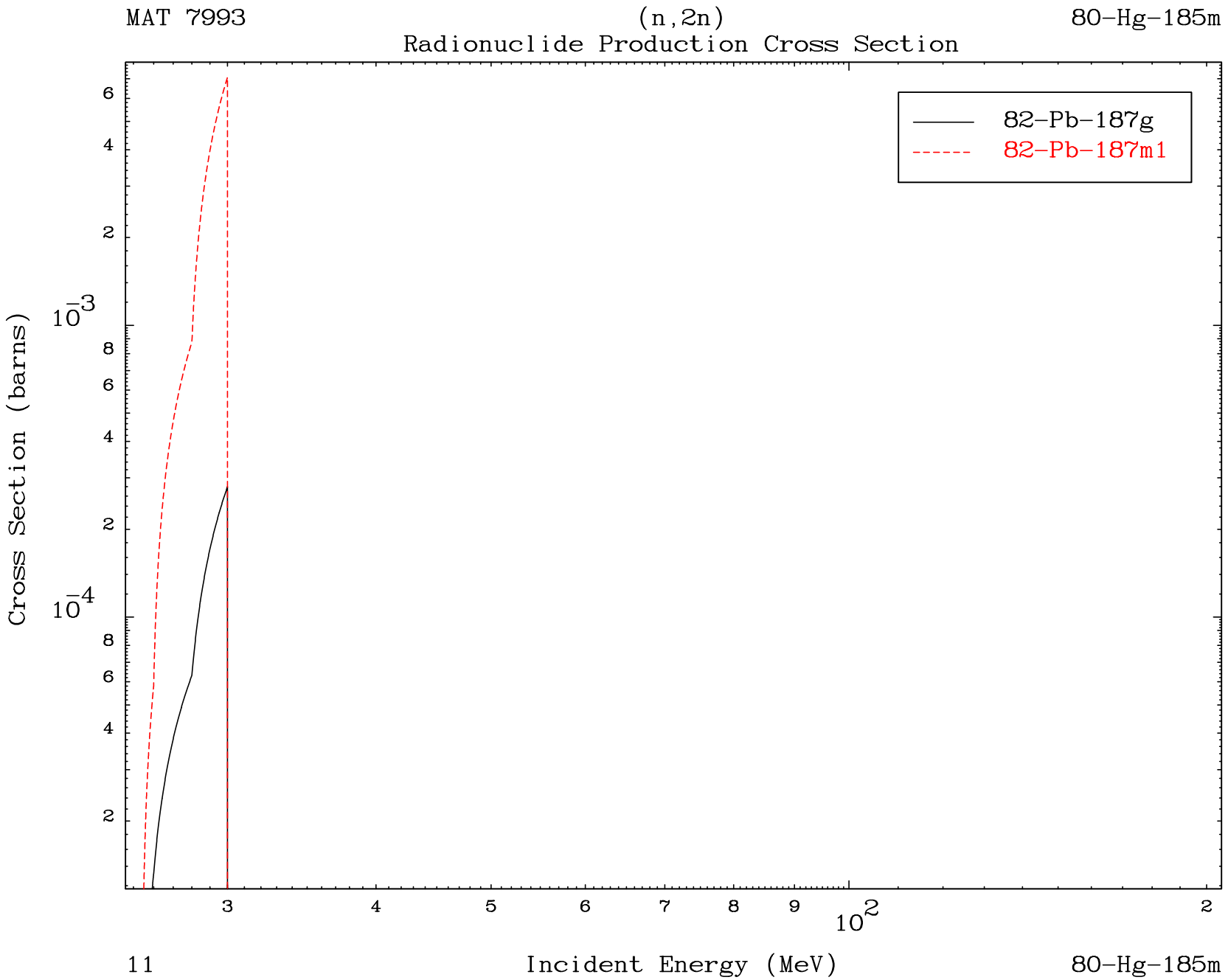

MAT 7993
(α,d) Levels
80-Hg-185m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
80-Hg-185m

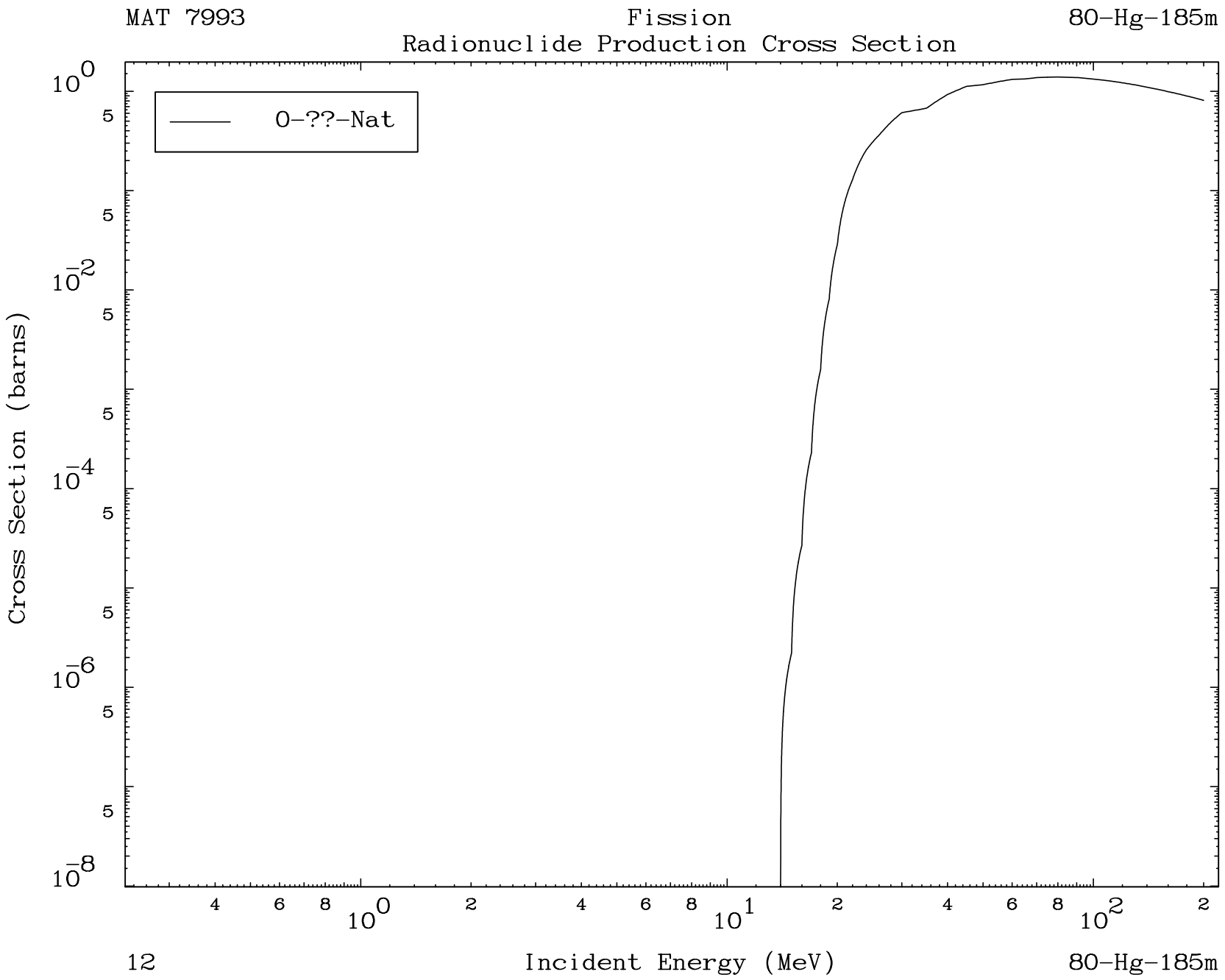
0 Kelvin Cross Sections

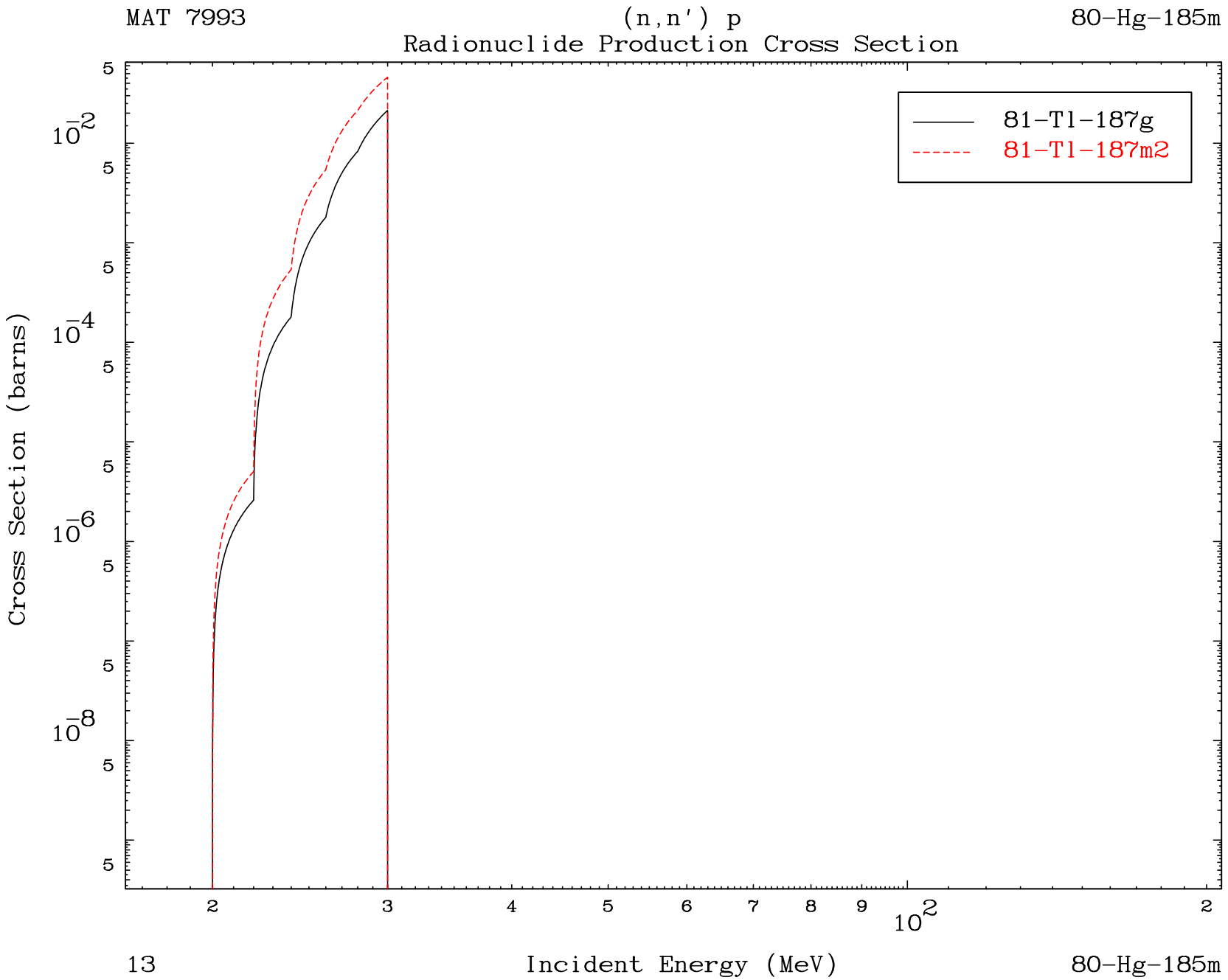


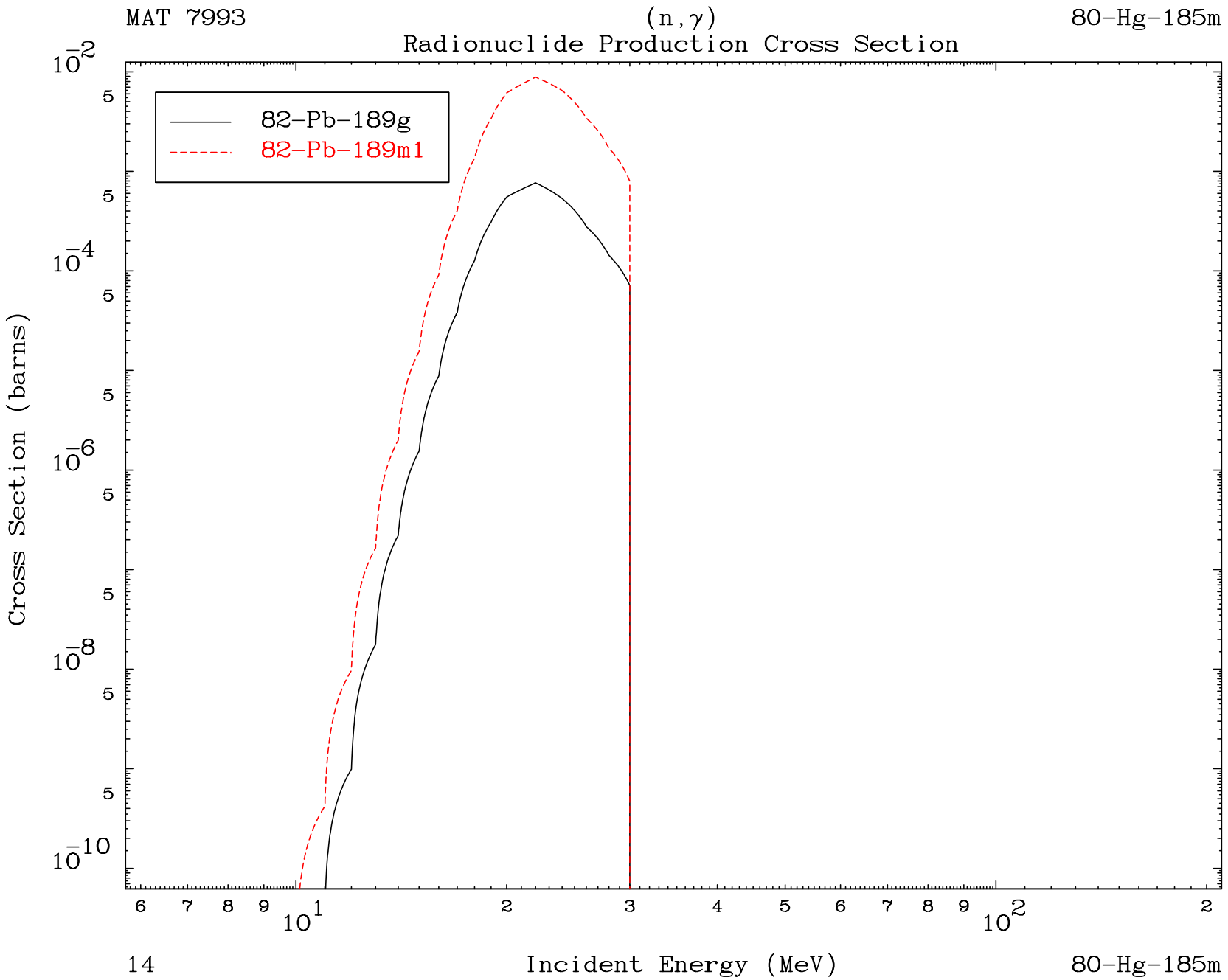

MAT 7993
(α,He3) Levels
80-Hg-185m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
Incident Energy (MeV)
101
102
80-Hg-185m

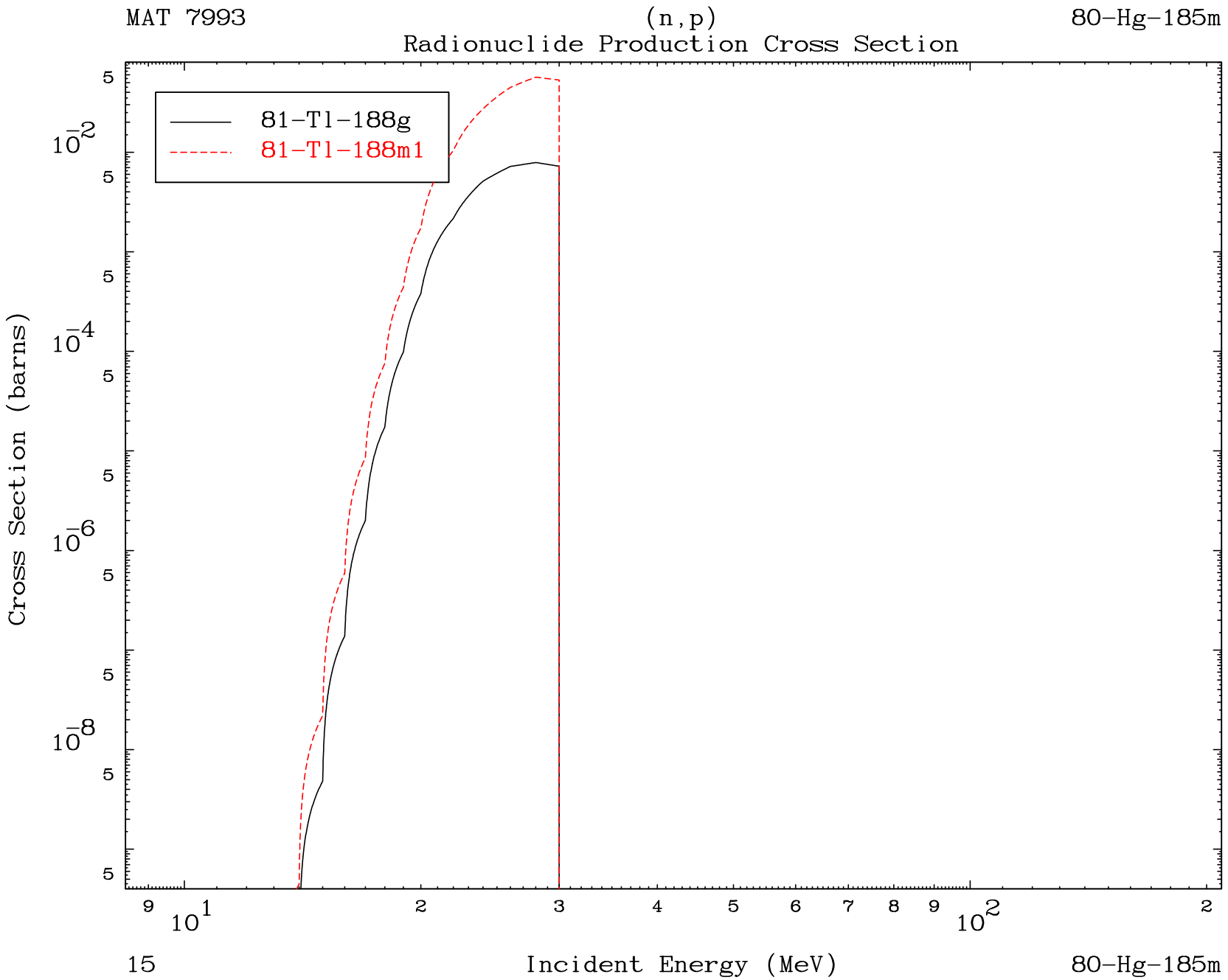

MAT 7993
(α,α) Levels
80-Hg-185m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
80-Hg-185m

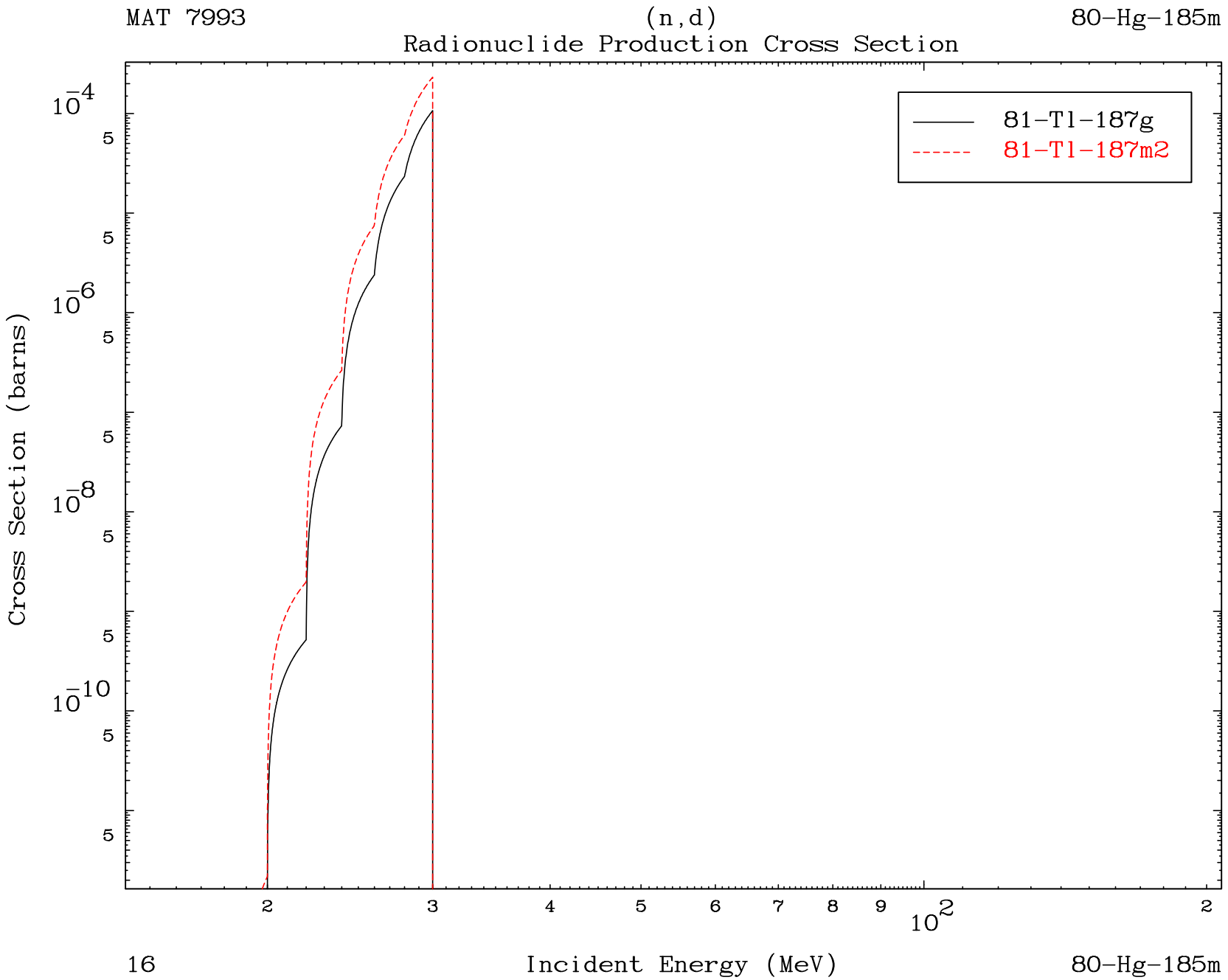

MAT 7993
(n,2n)
80-Hg-185m
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
10^-3
10^-4
6
4
2
8
6
4
2
8
6
4
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
80-Hg-185m

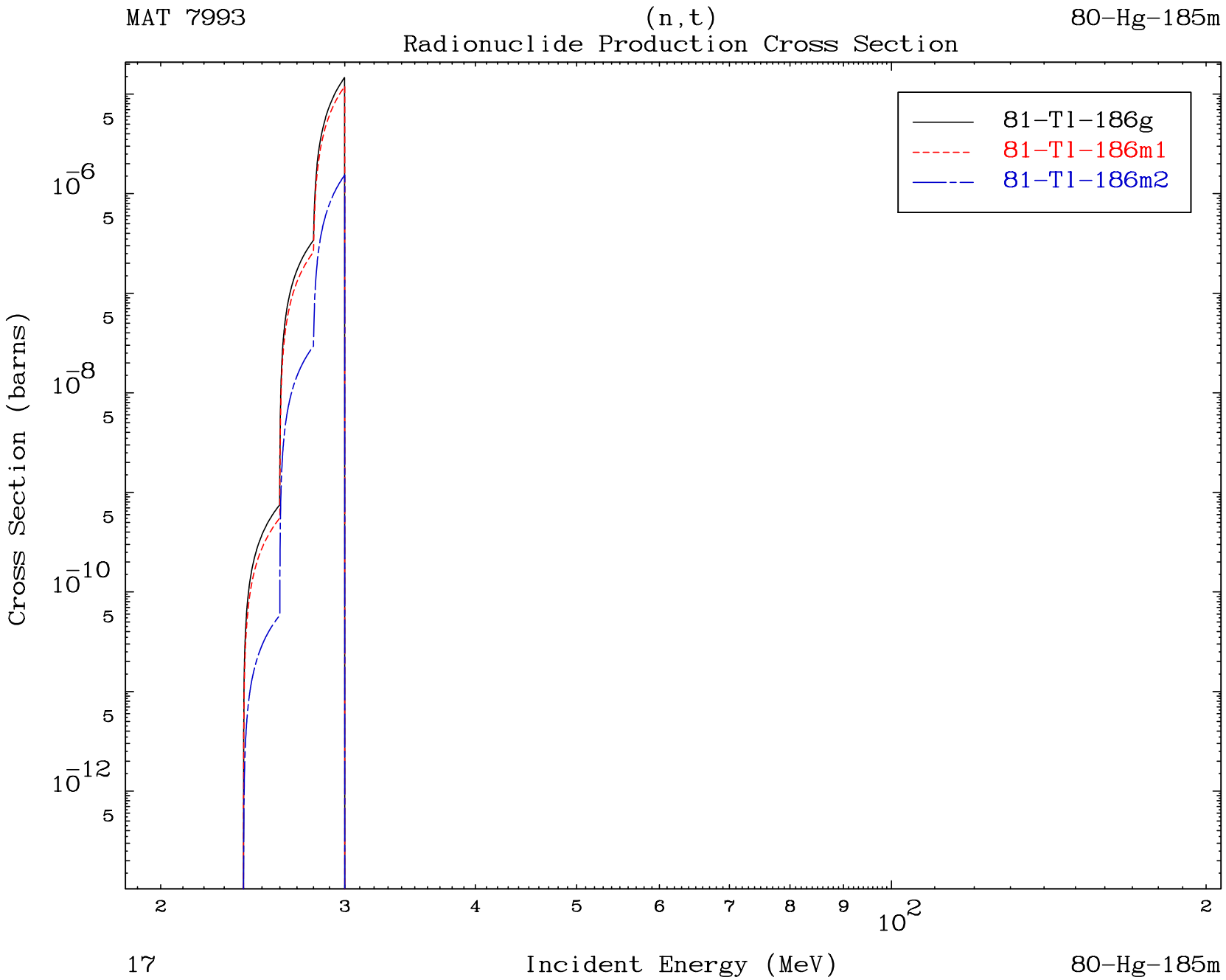

MAT 7993
Fission
80-Hg-185m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-185m

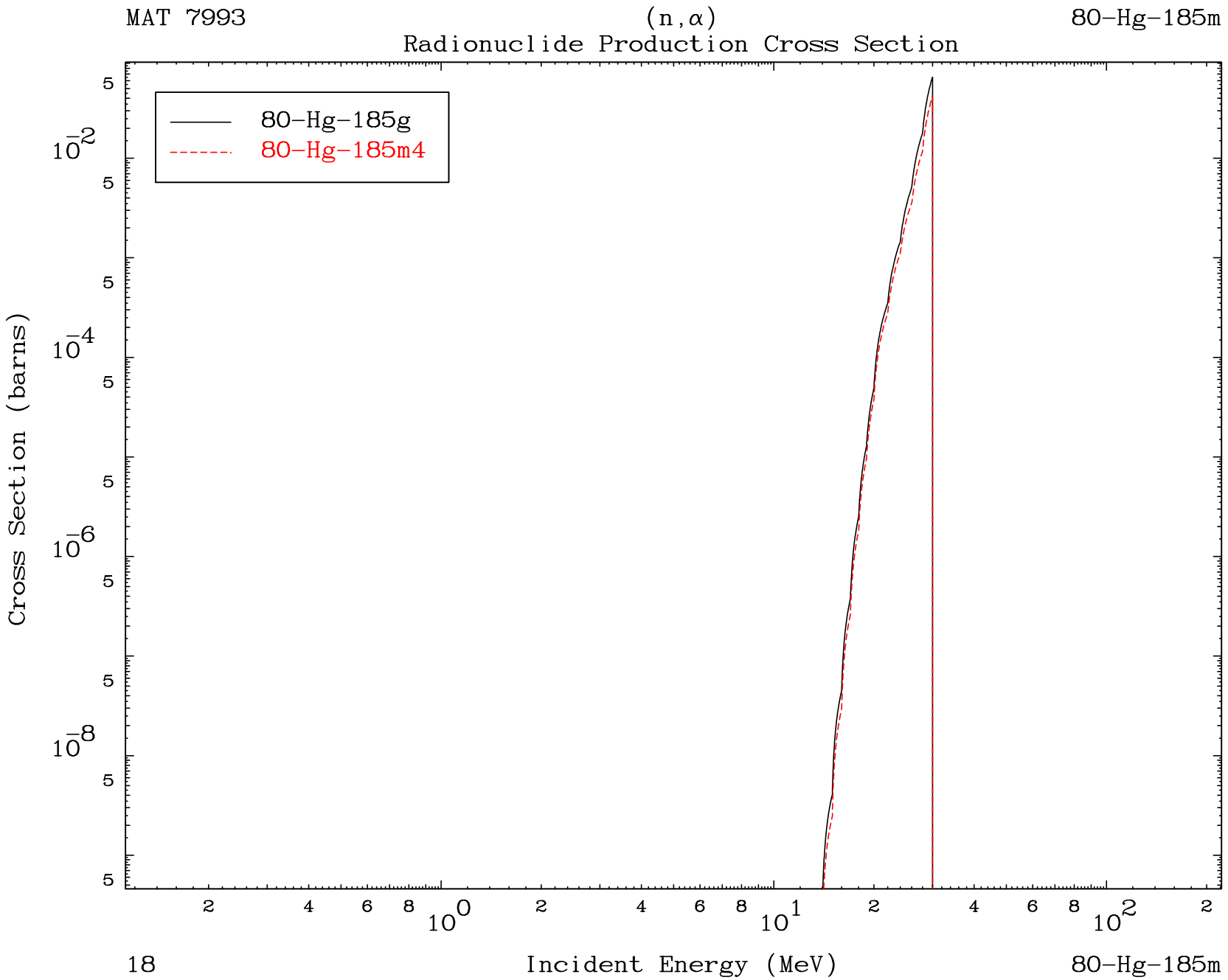

MAT 7993
(n,n') p
80-Hg-185m
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
80-Hg-185m

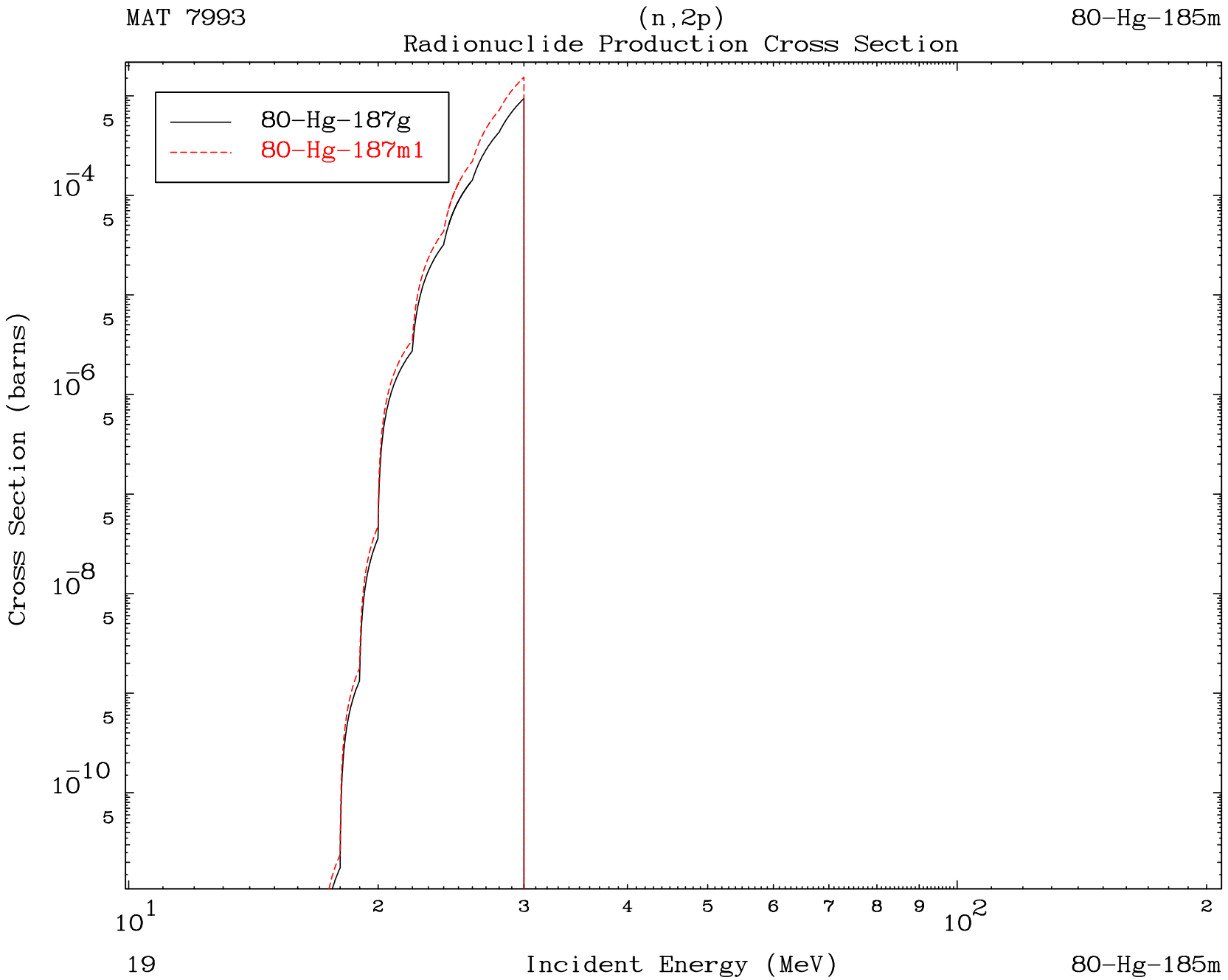

MAT 7993
(n,γ)
80-Hg-185m
Radionuclide Production Cross Section
82-Pb-189g
82-Pb-189m1
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-185m

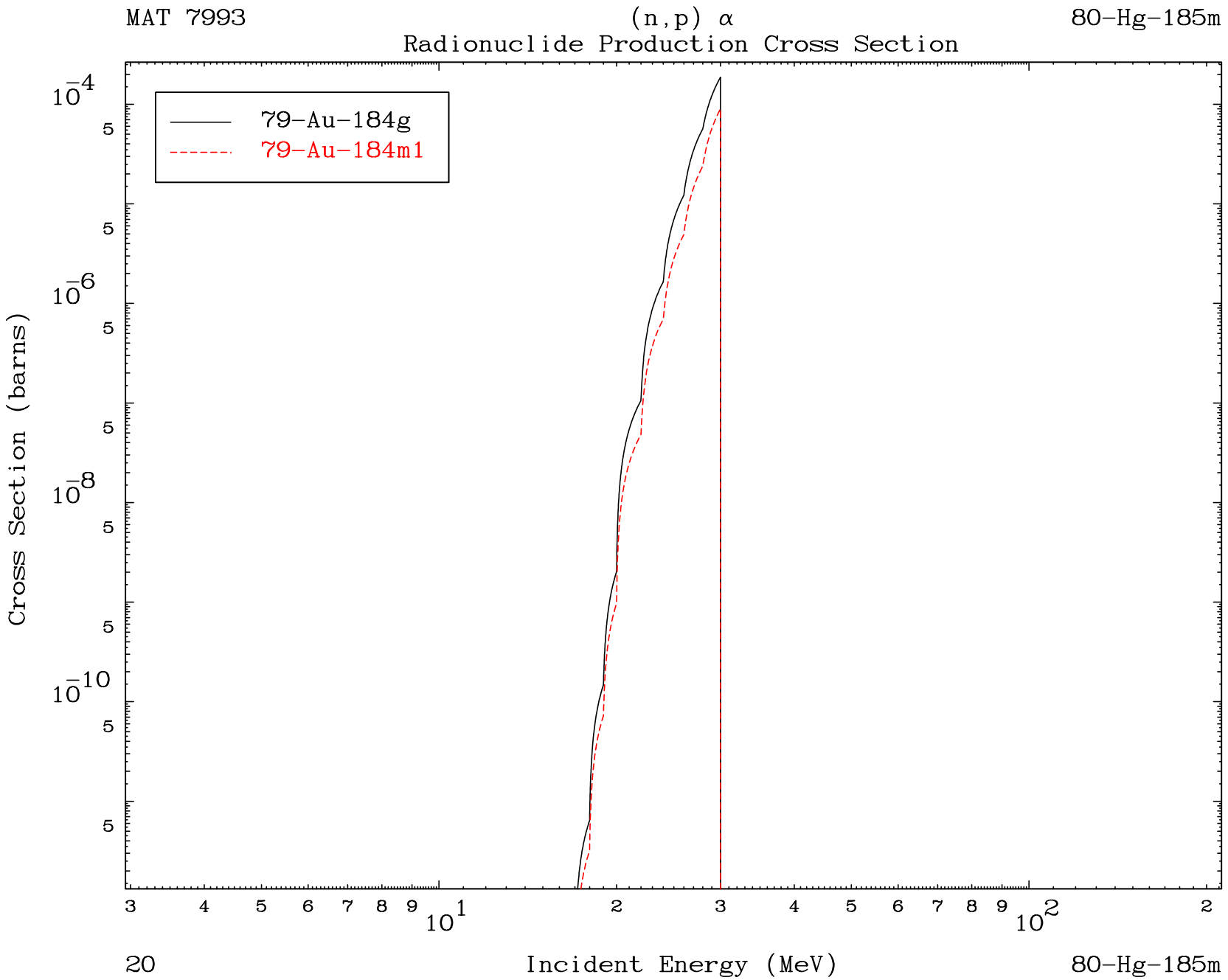

MAT 7993
(n,p)
80-Hg-185m
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-185m


MAT 7993
(n,d)
80-Hg-185m
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
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)
80-Hg-185m


MAT 7993
(n,t)
80-Hg-185m
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
81-Tl-186m2
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)
80-Hg-185m


MAT 7993
(n,α)
80-Hg-185m
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-185m


MAT 7993
(n,2p)
80-Hg-185m
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
19
Incident Energy (MeV)
80-Hg-185m


MAT 7993
(n,p) α
80-Hg-185m
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
20
80-Hg-185m