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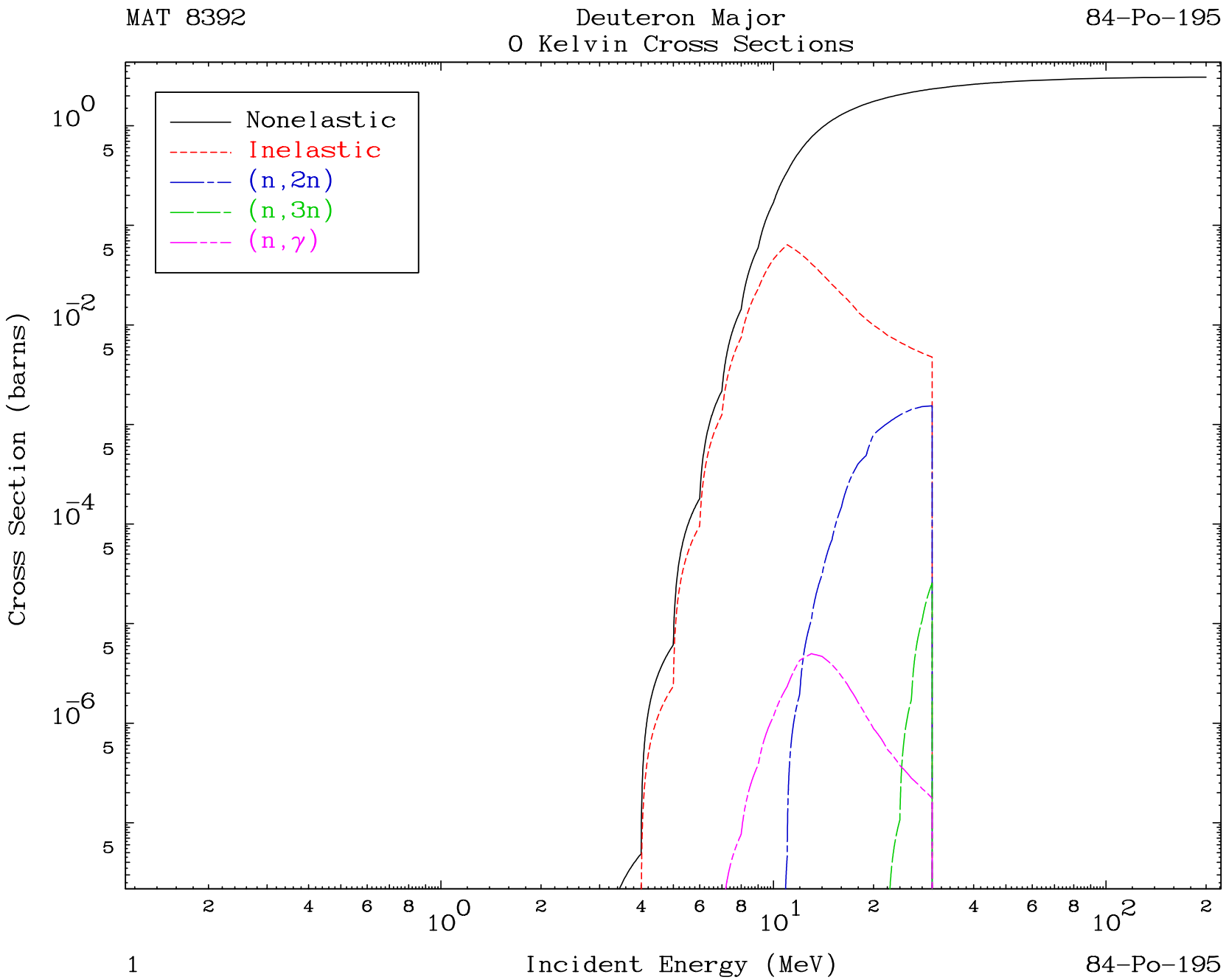
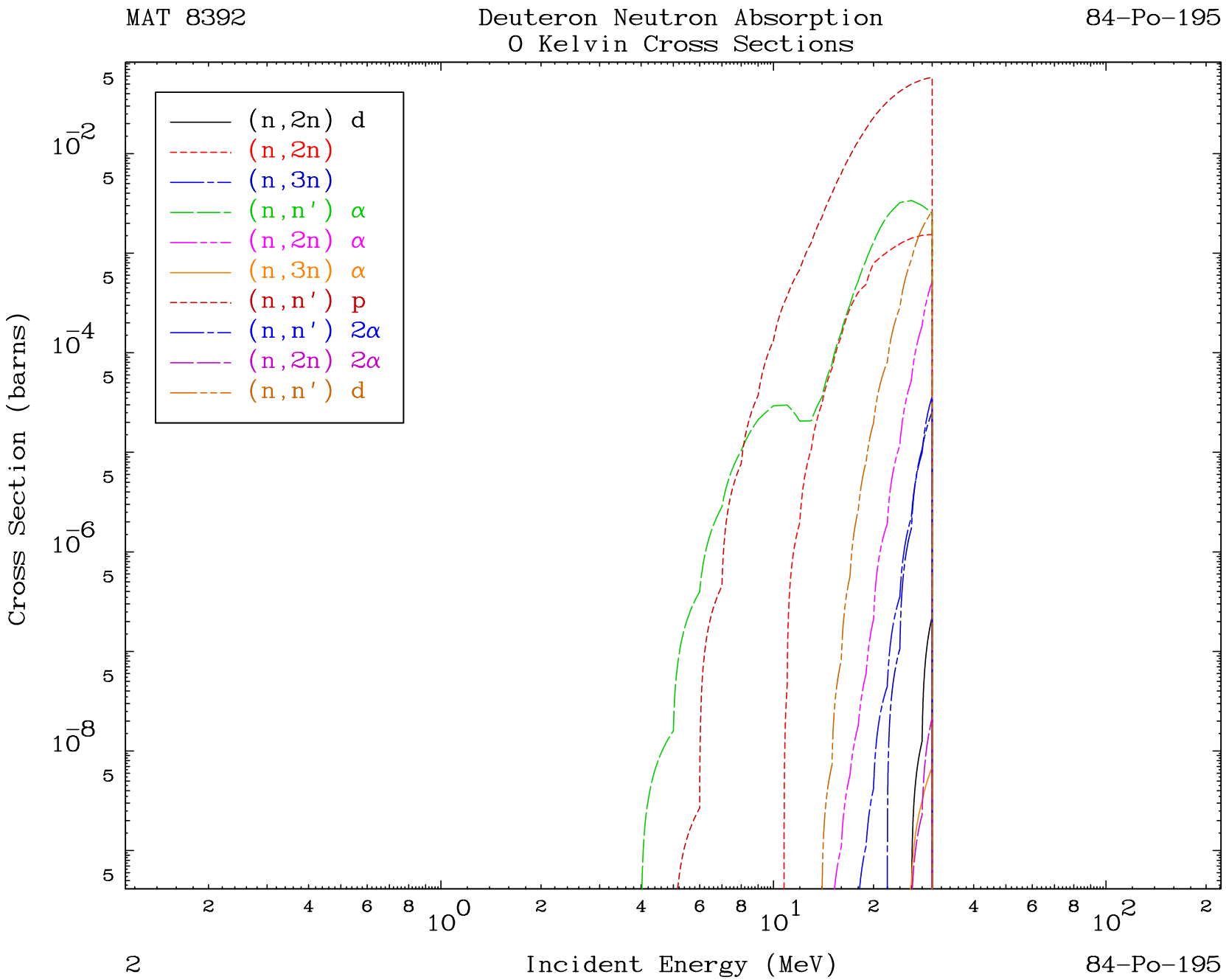
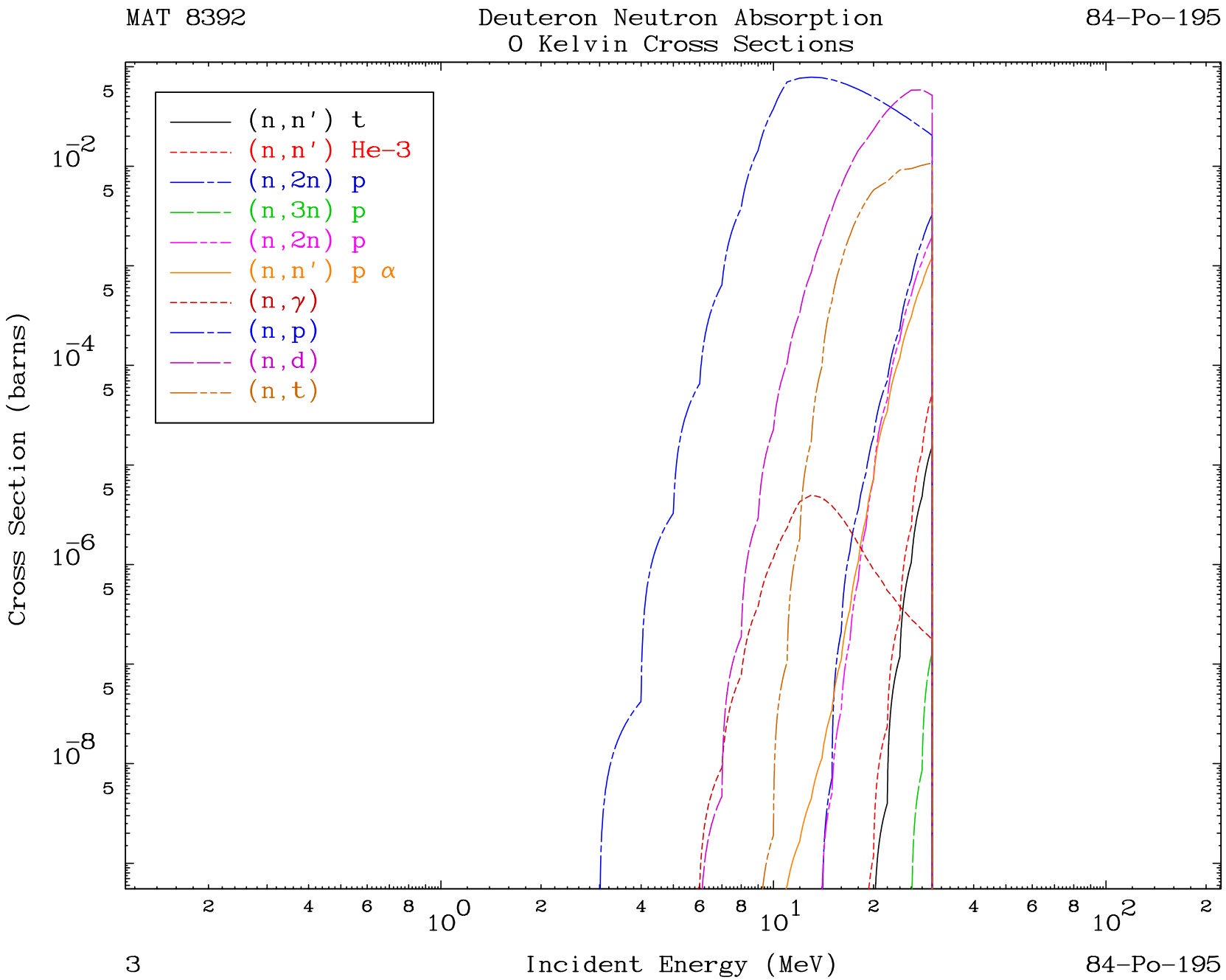
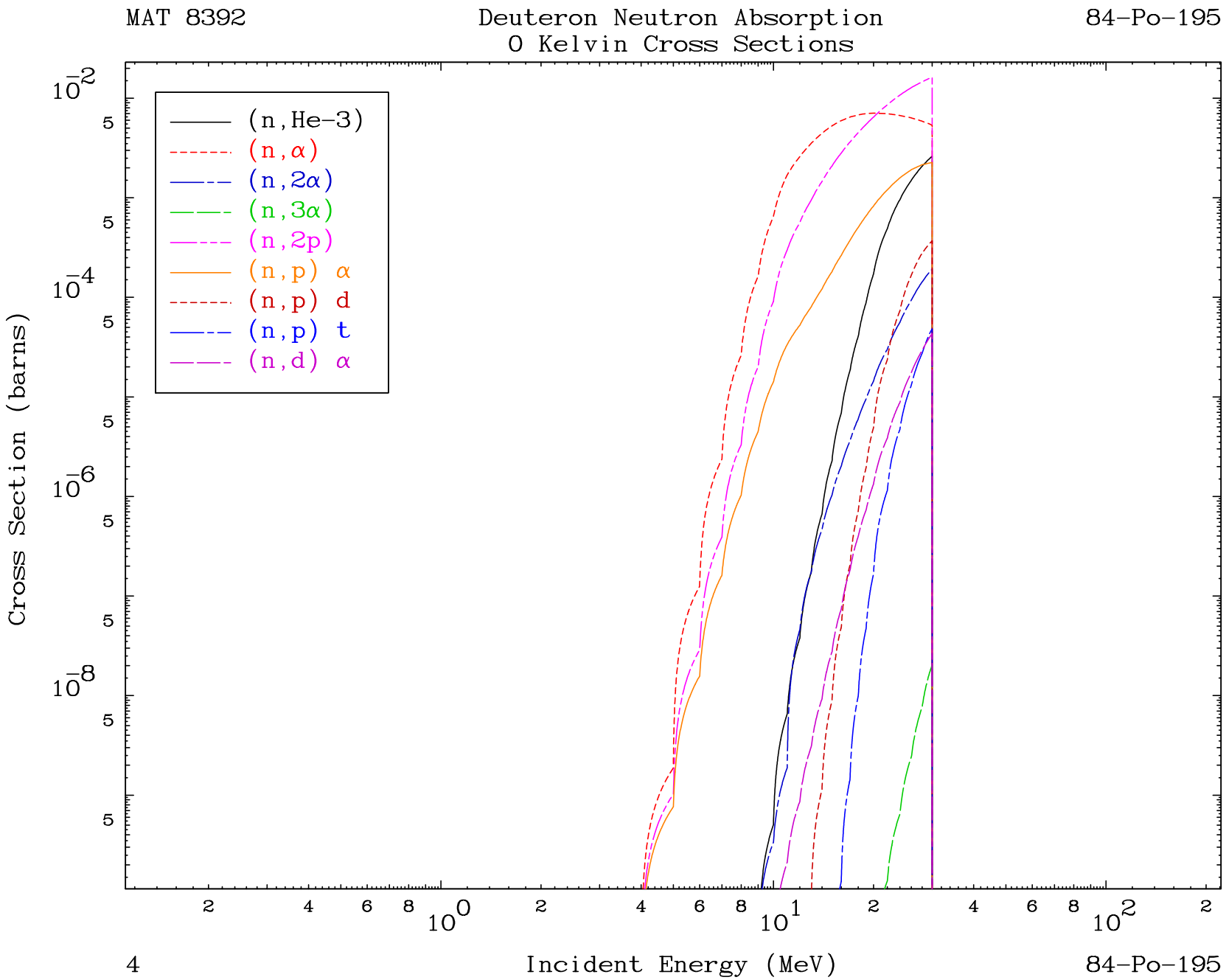
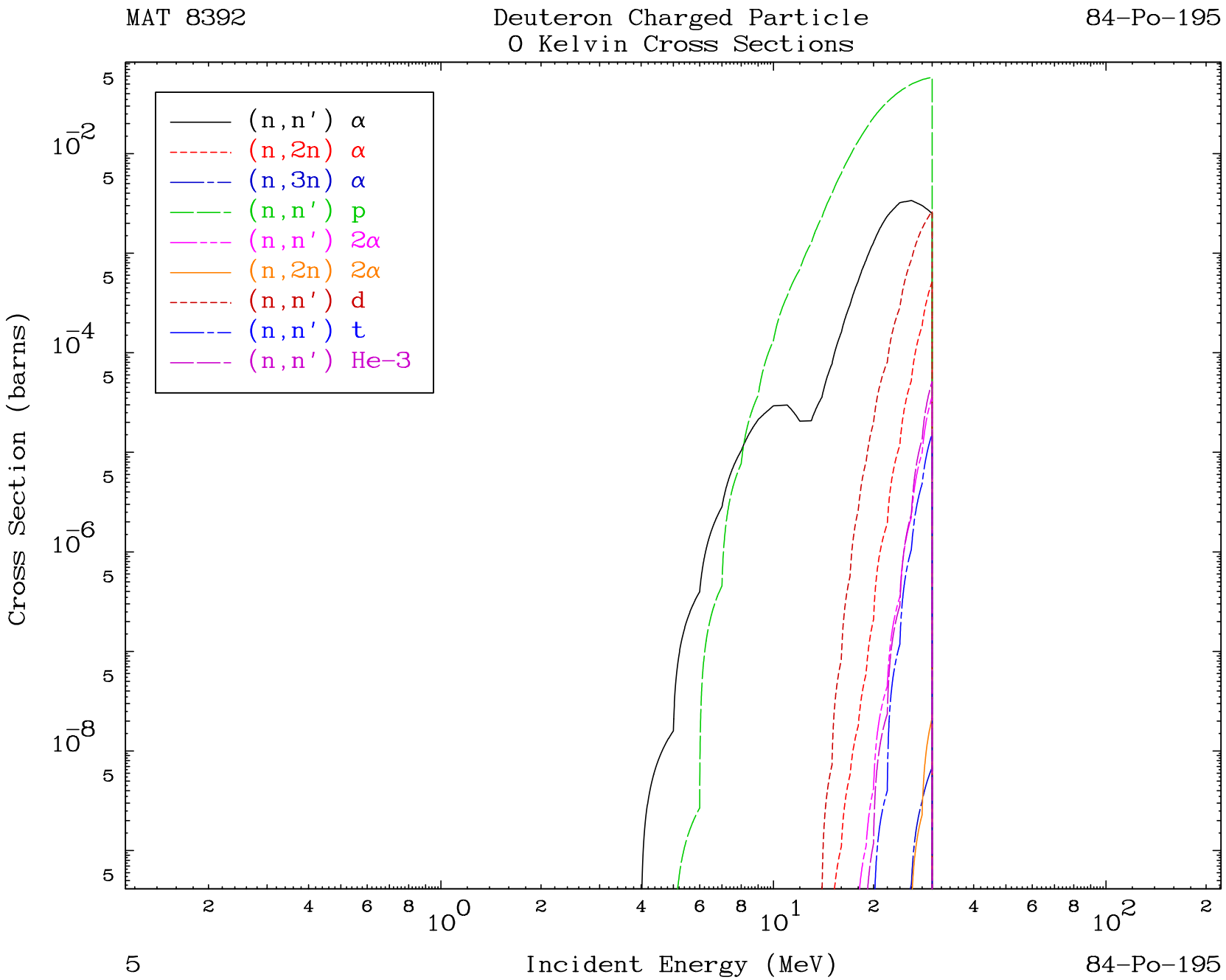
Press Mouse Button to Start

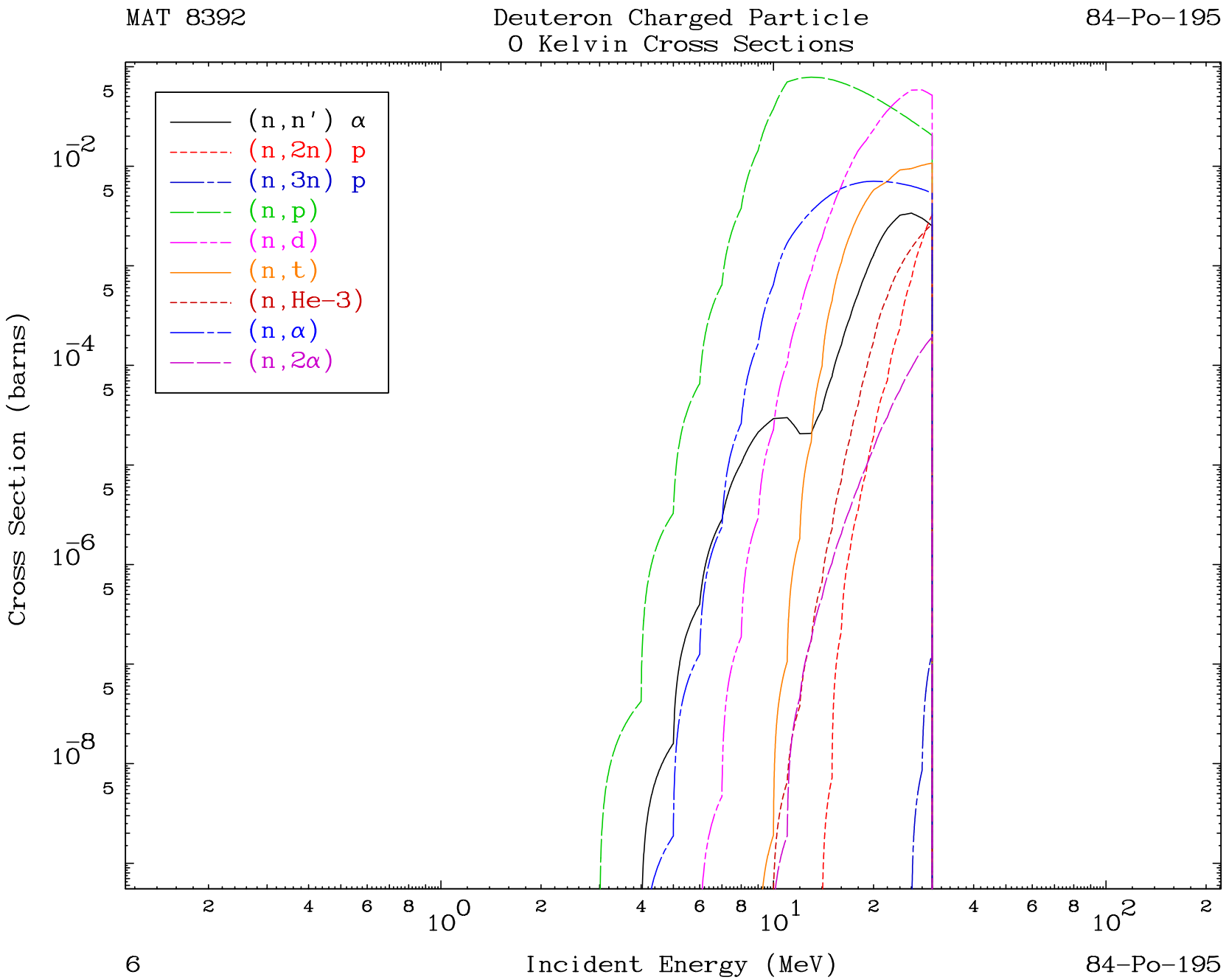

MAT 8392
Deuteron Major
84-Po-195
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-195
1

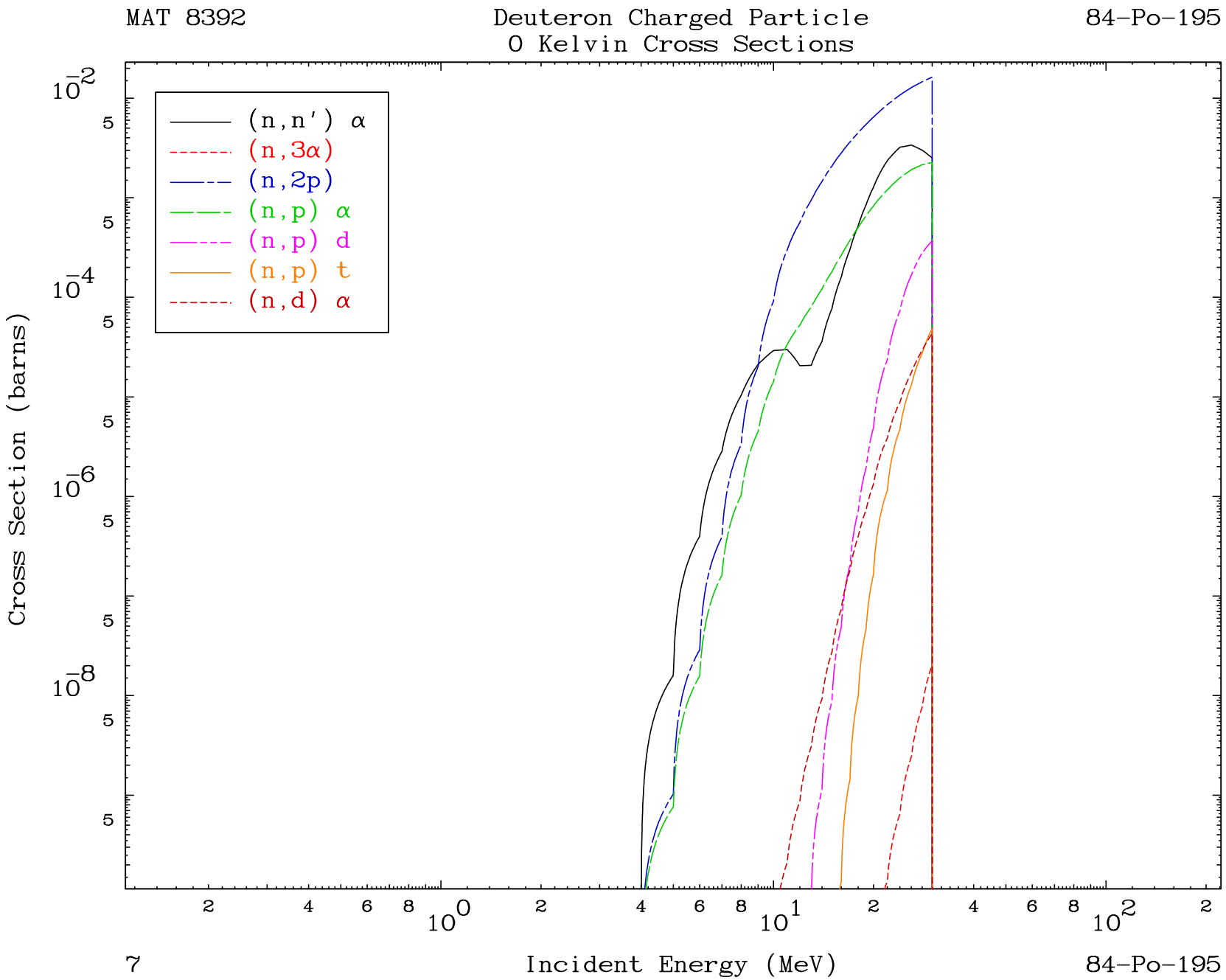

MAT 8392
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-195
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-195
2

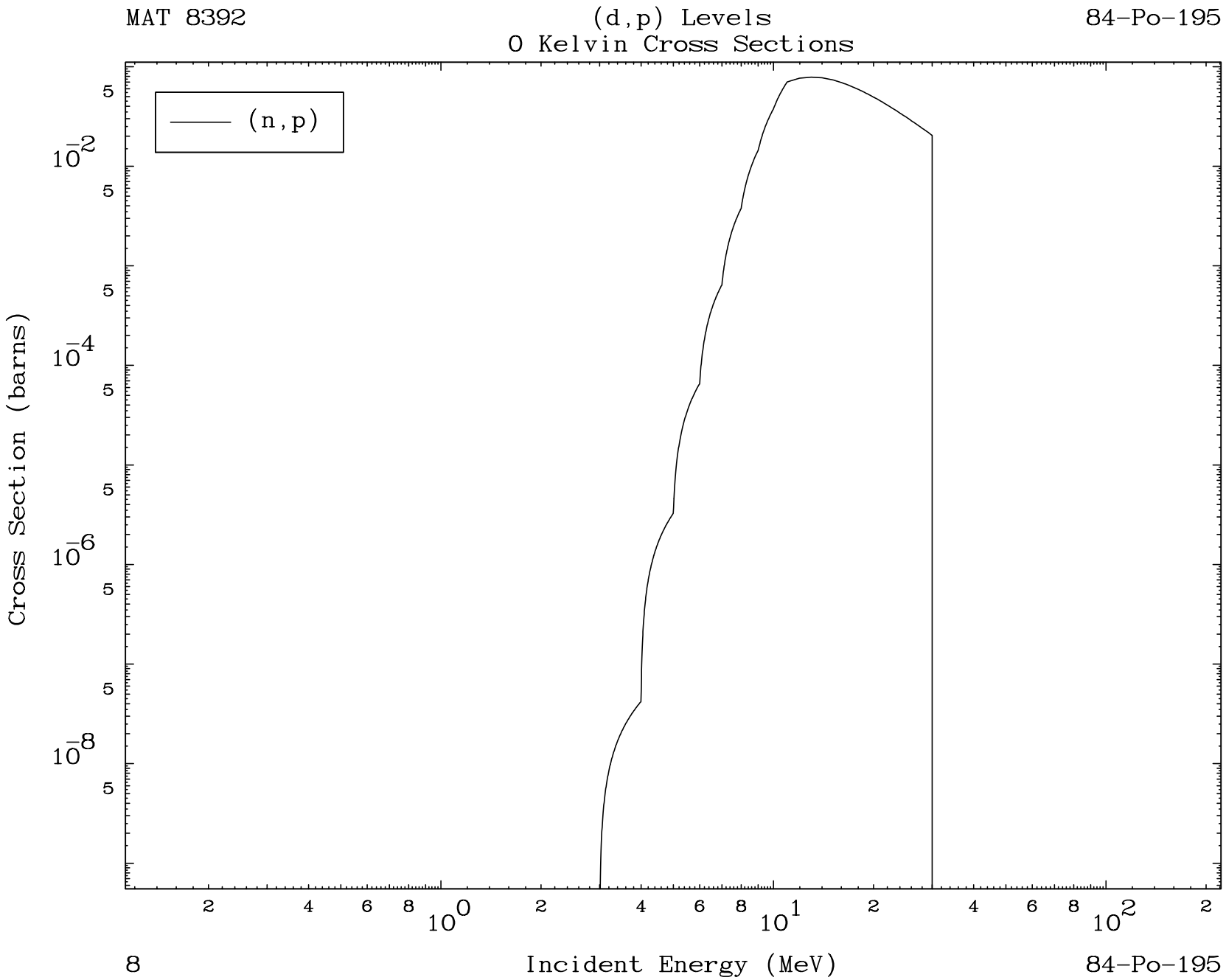

MAT 8392
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-195
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-195

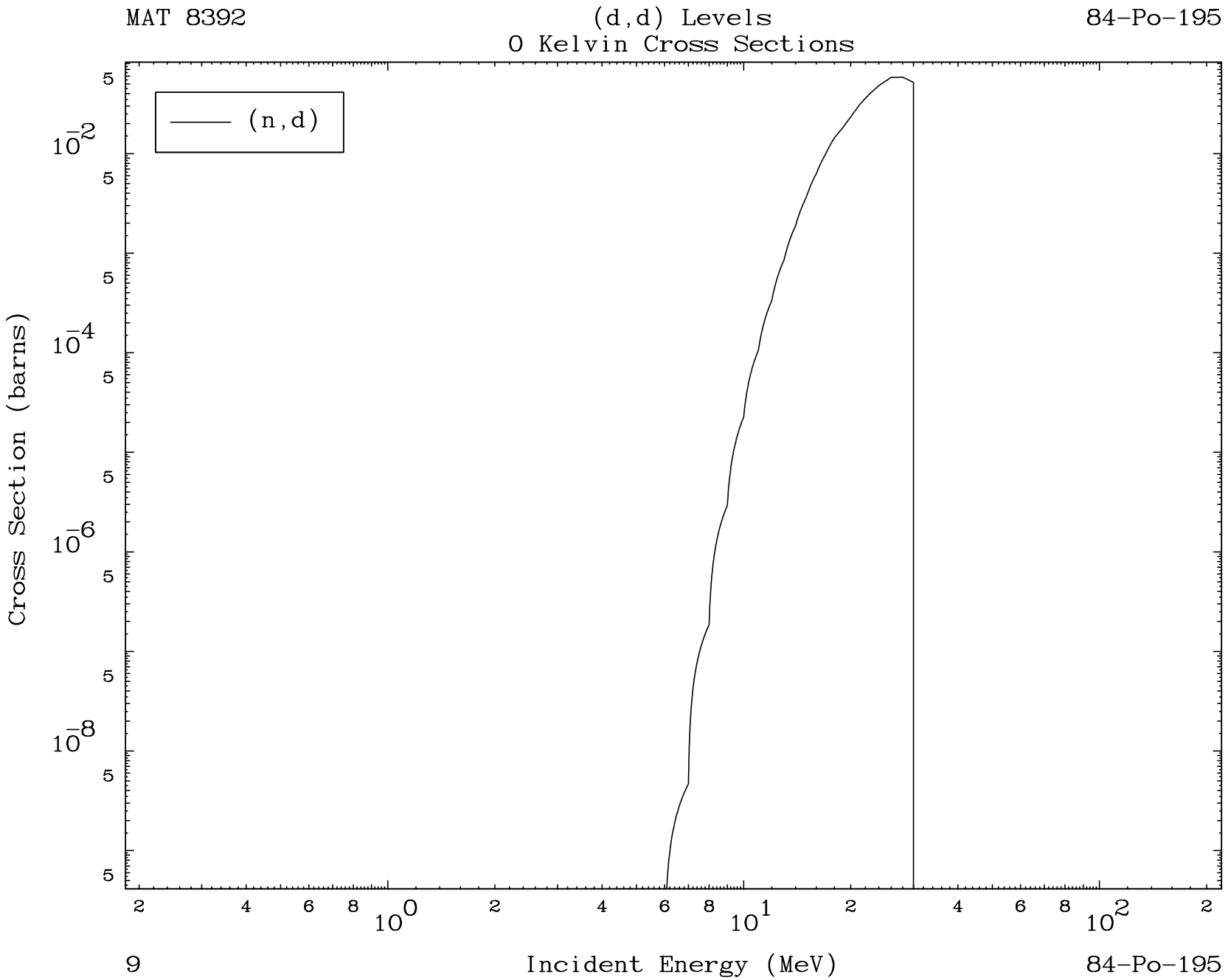

MAT 8392
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-195
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-195

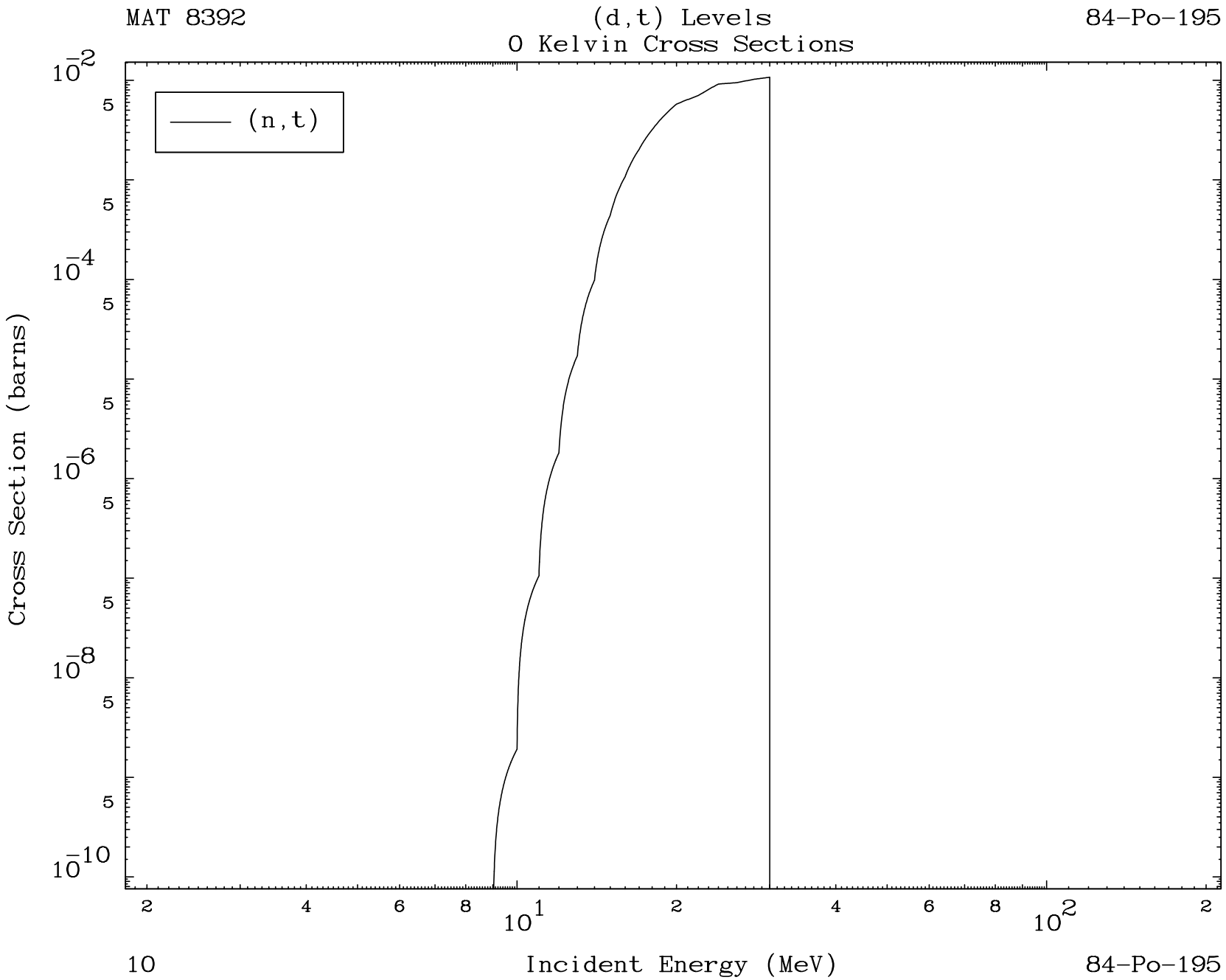

MAT 8392
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-195
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
84-Po-195

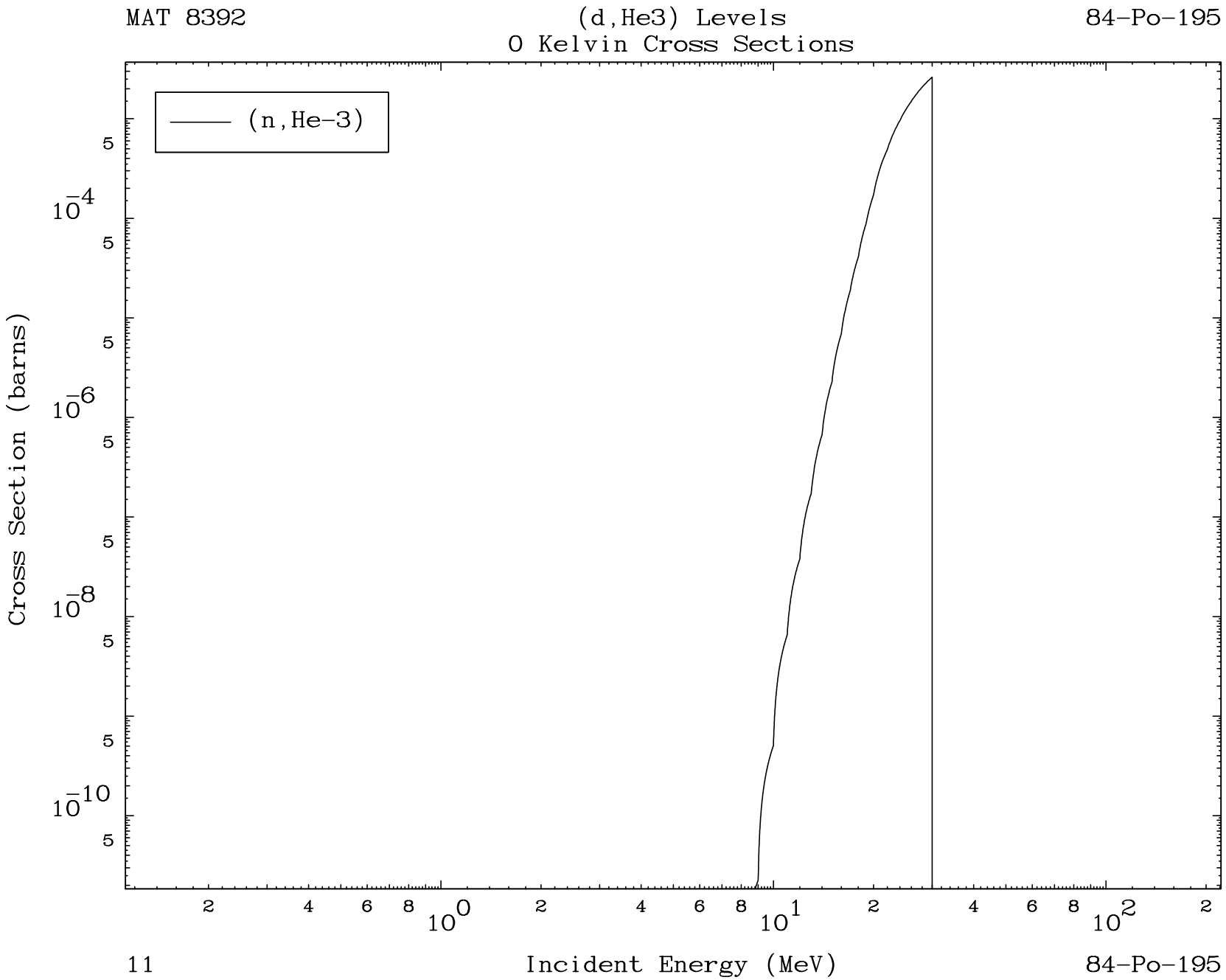

MAT 8392
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-195
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-195

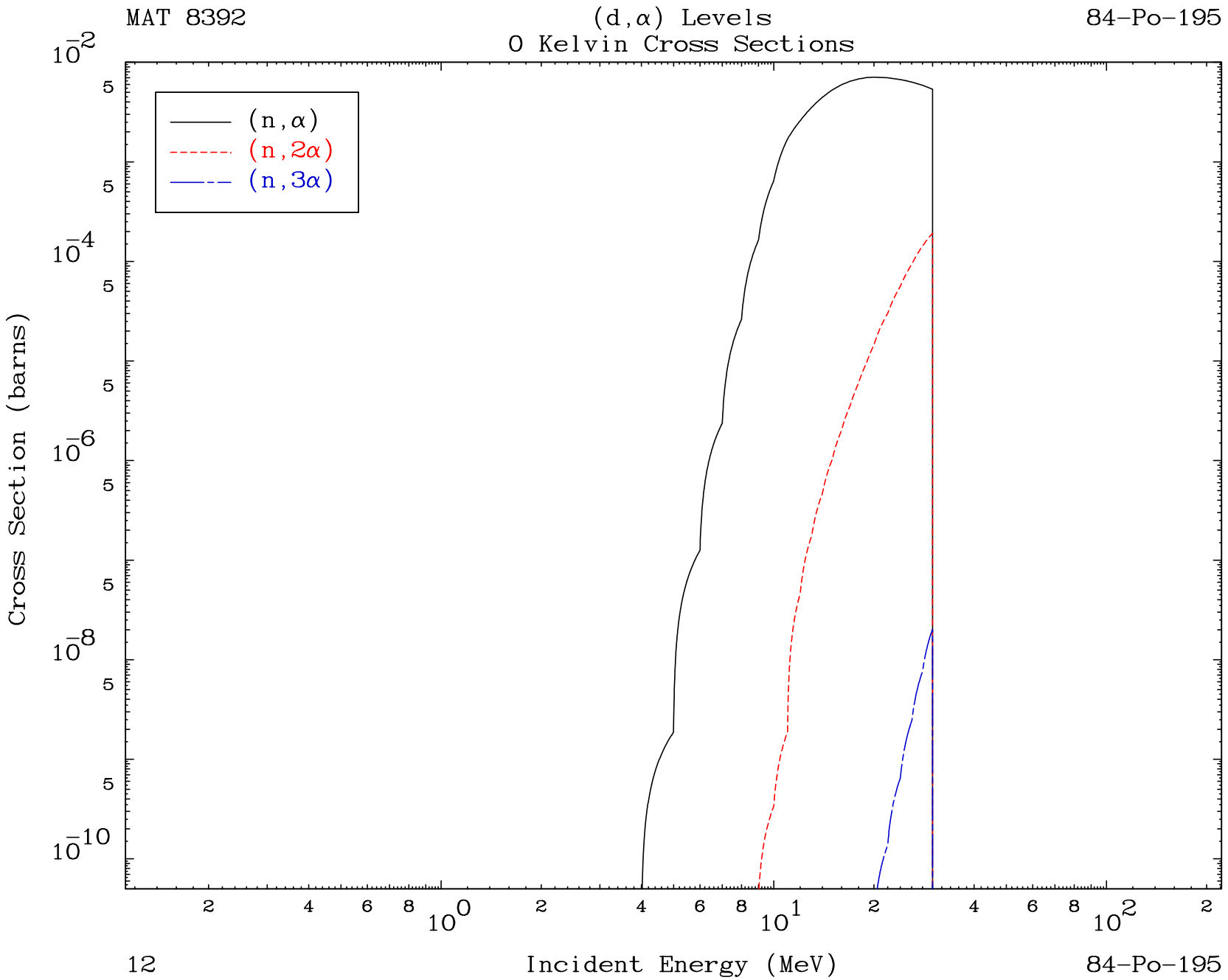

MAT 8392
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-195
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
84-Po-195

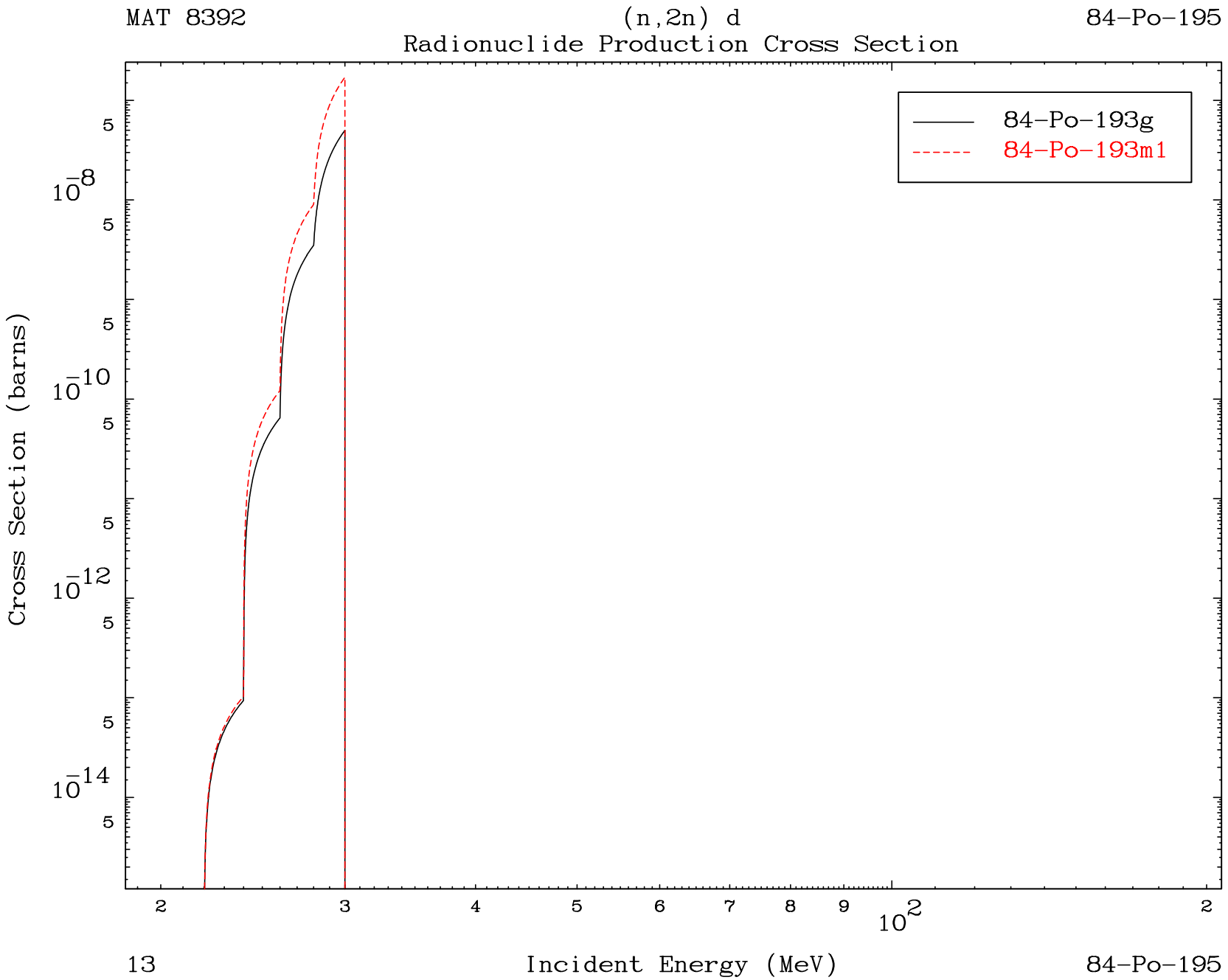

MAT 8392
(d,p) Levels
84-Po-195
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
84-Po-195

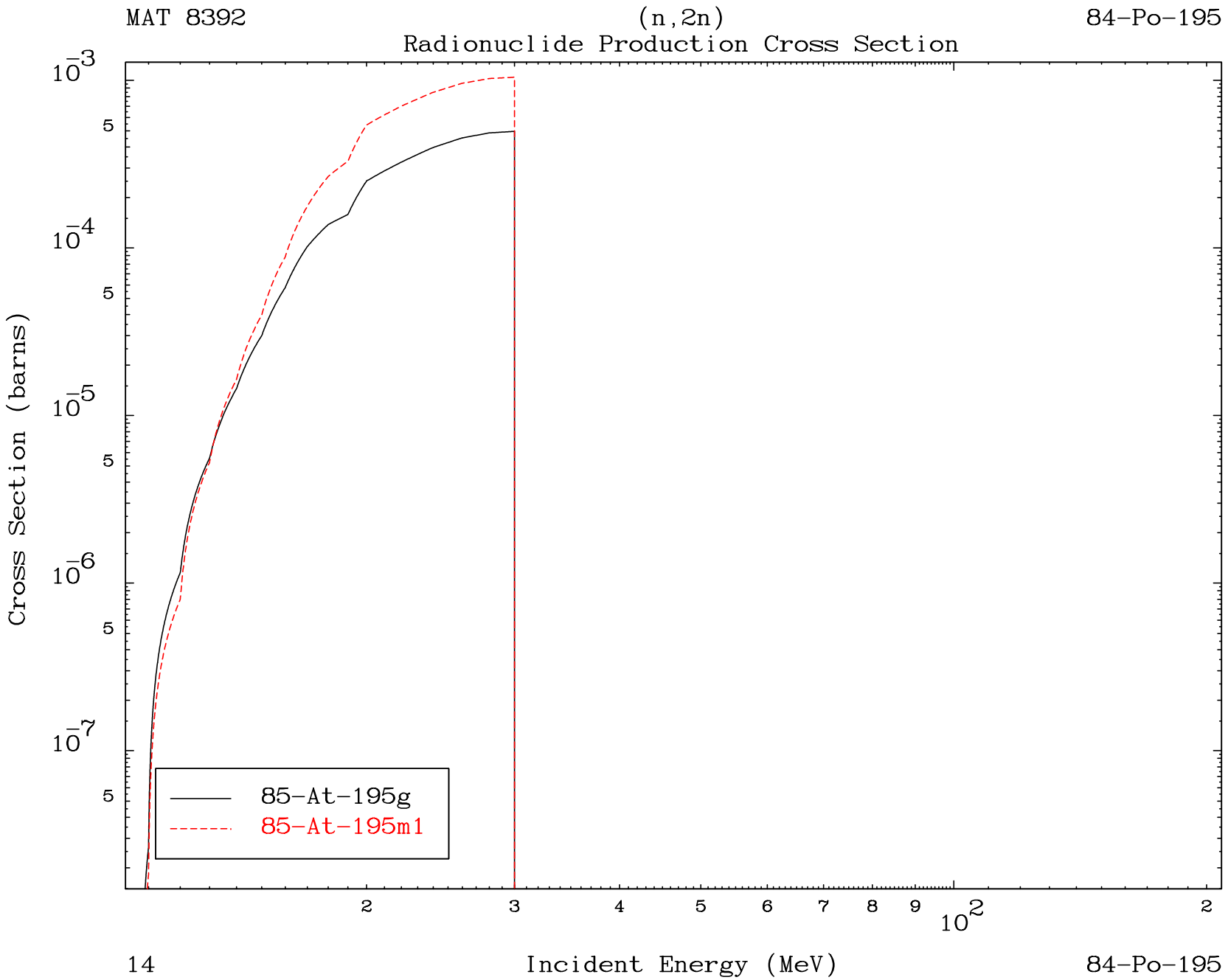

MAT 8392
(d,d) Levels
84-Po-195
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-195

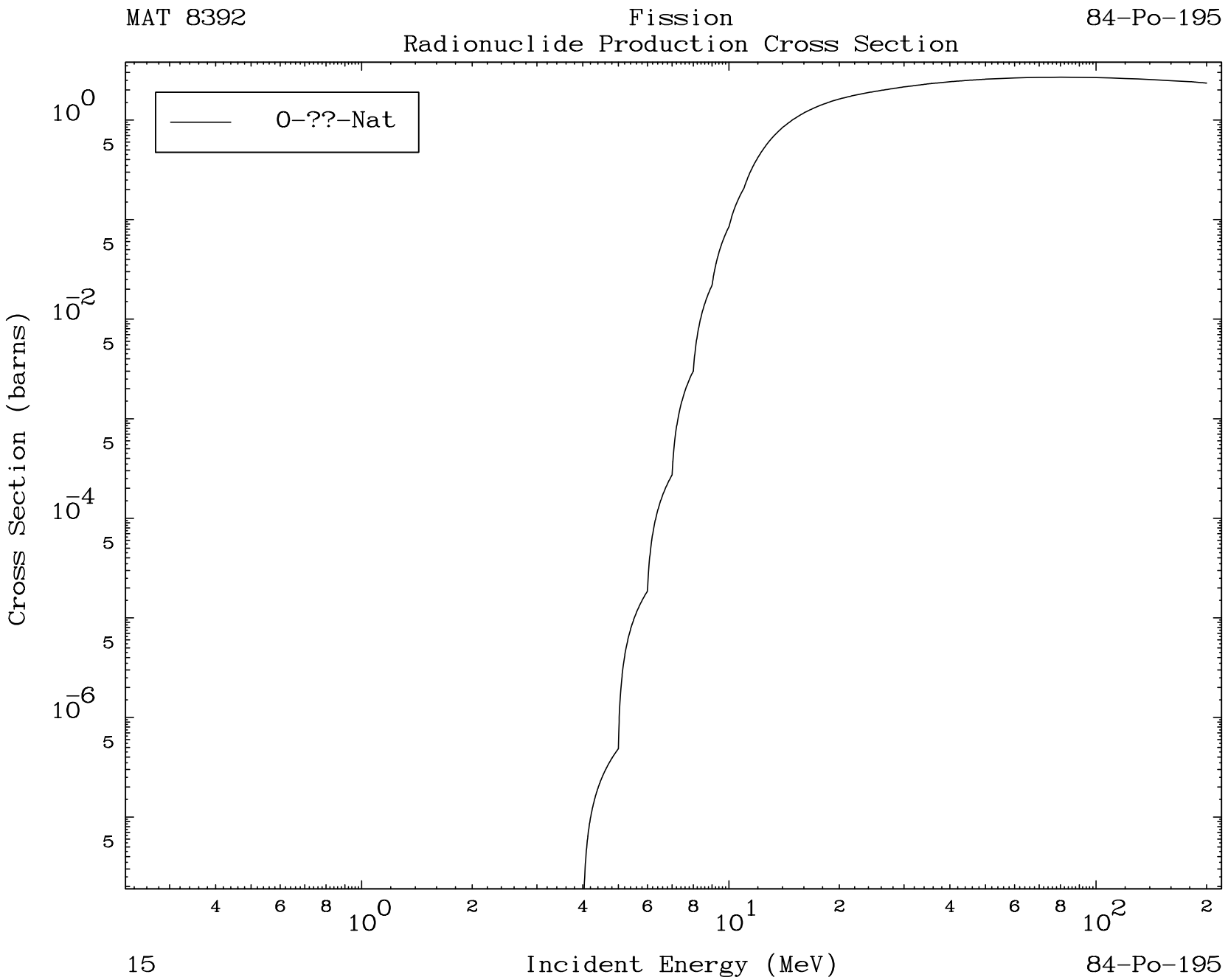

MAT 8392
(d,t) Levels
84-Po-195
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
84-Po-195

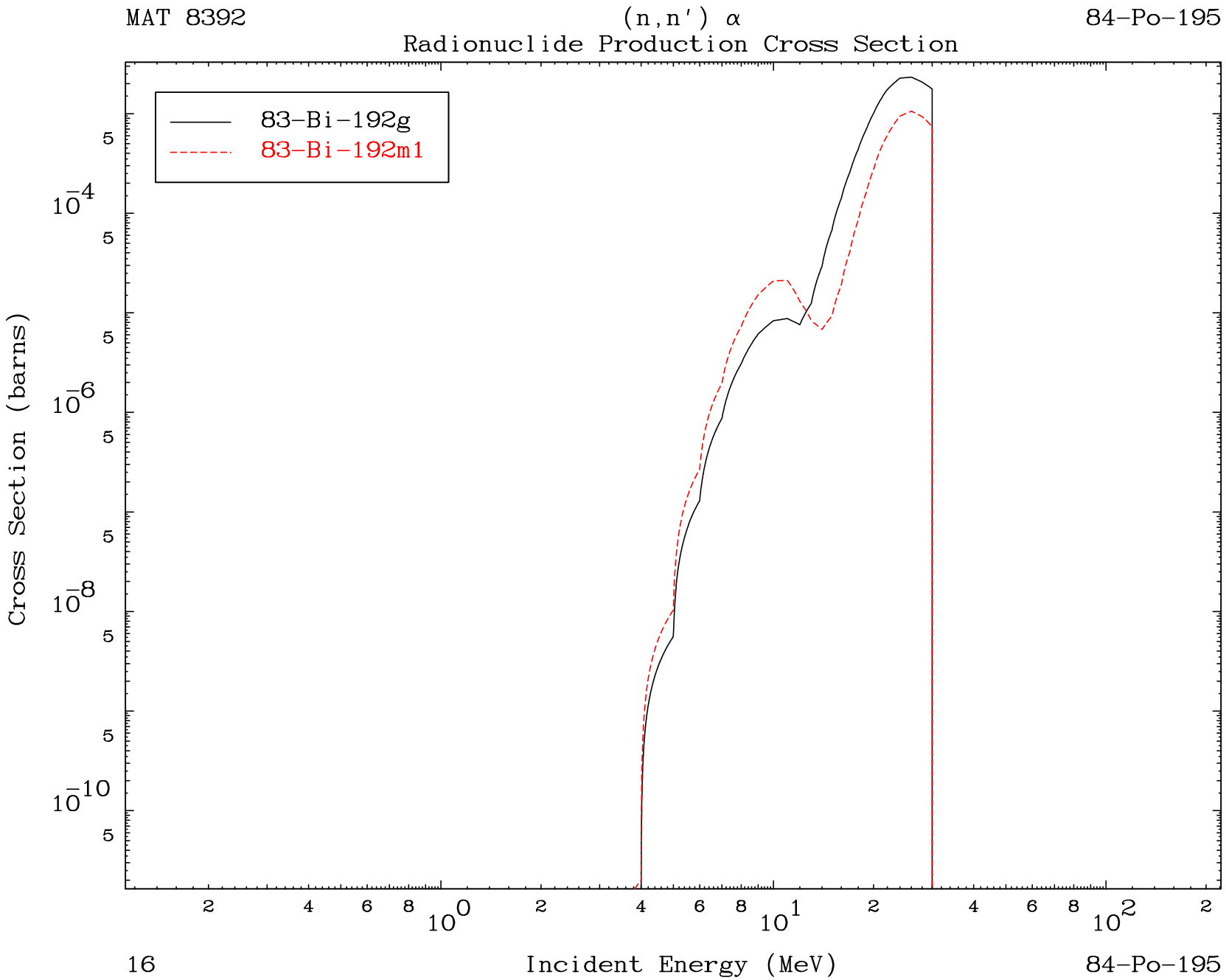

MAT 8392
(d,He3) Levels
84-Po-195
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
84-Po-195

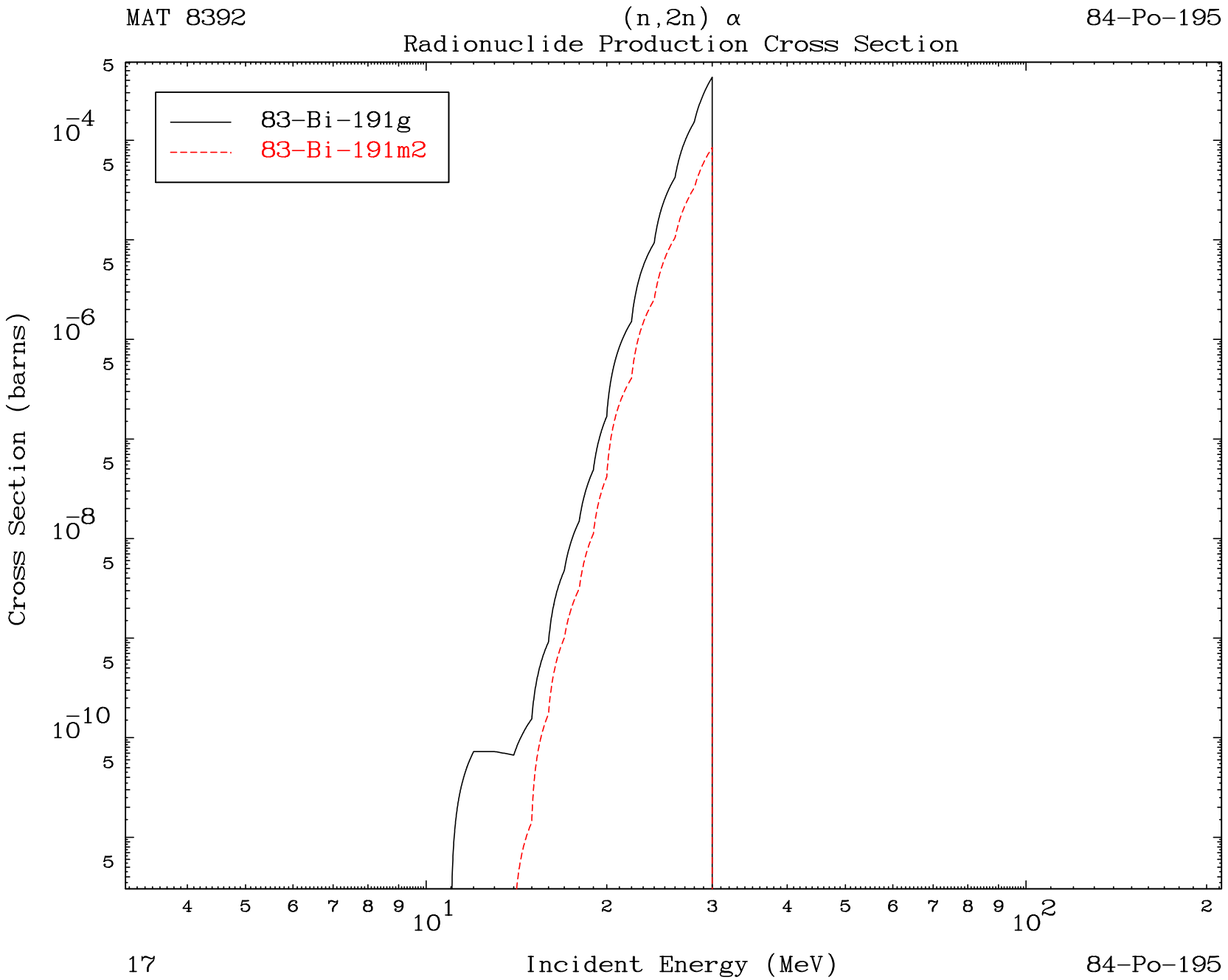

MAT 8392
(d,α) Levels
84-Po-195
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
84-Po-195

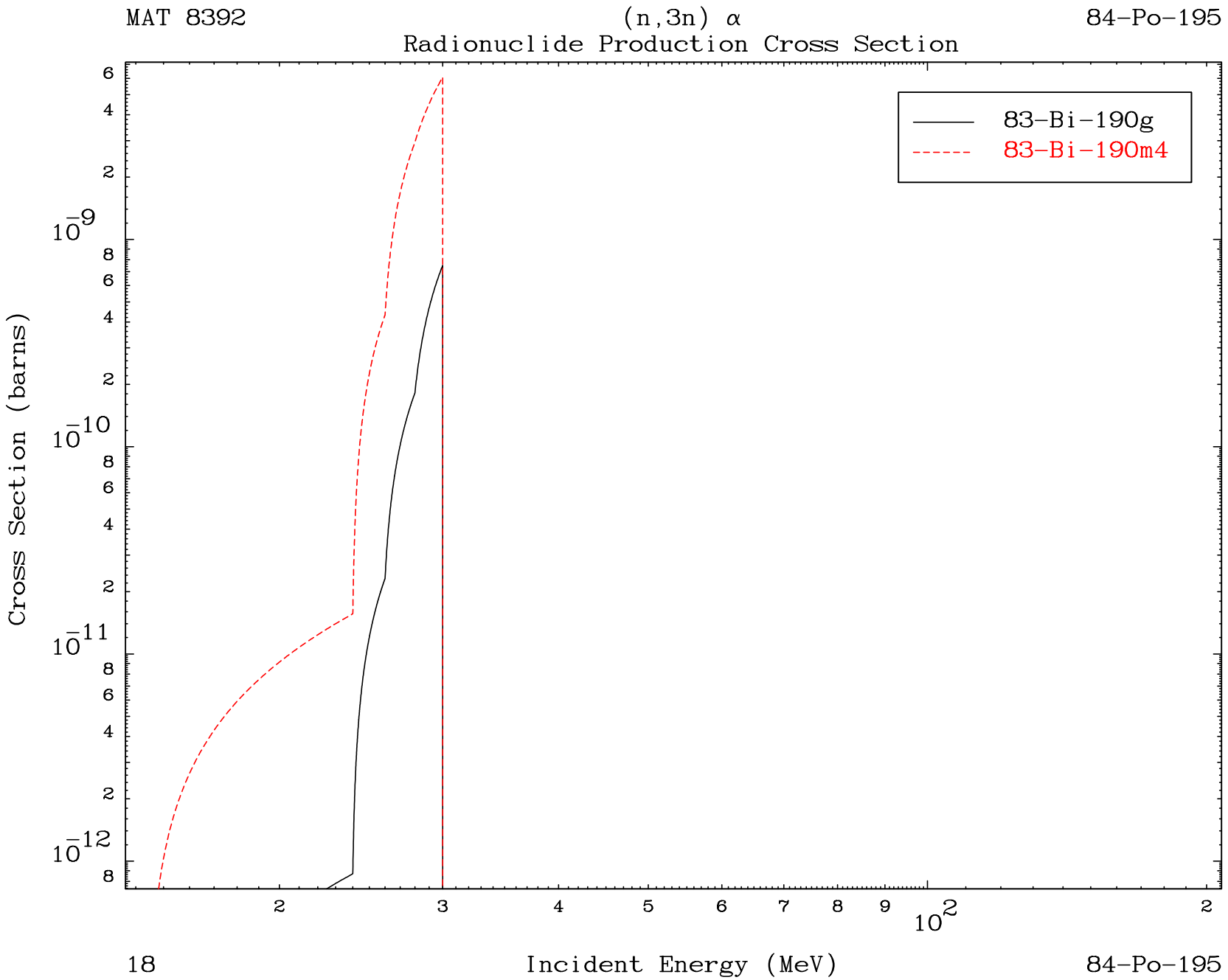

MAT 8392
(n,2n) d
84-Po-195
Radionuclide Production Cross Section
84-Po-193g
84-Po-193m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
84-Po-195

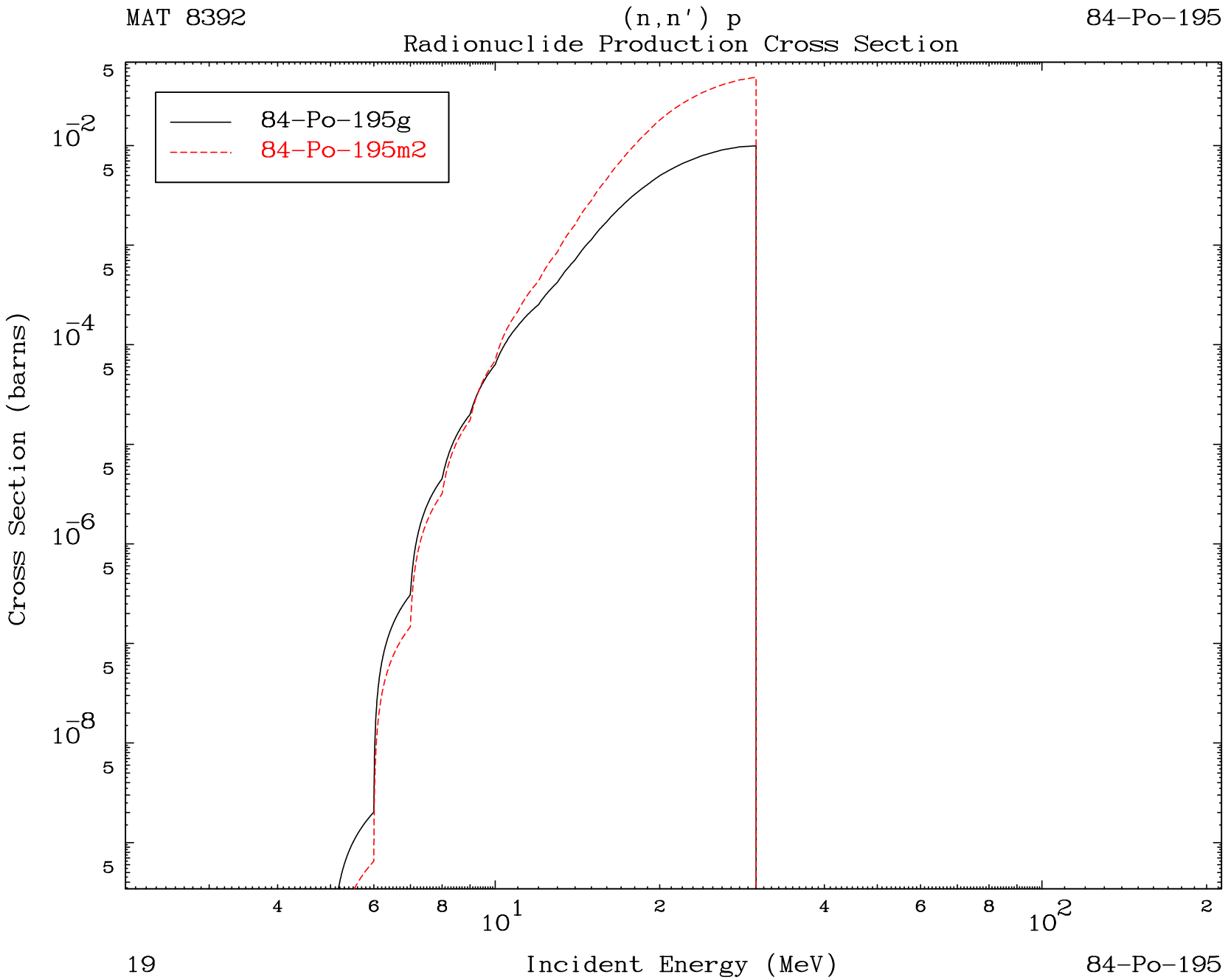

MAT 8392
(n,2n)
84-Po-195
Radionuclide Production Cross Section
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10-7
5
85-At-195g
85-At-195m1
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
84-Po-195

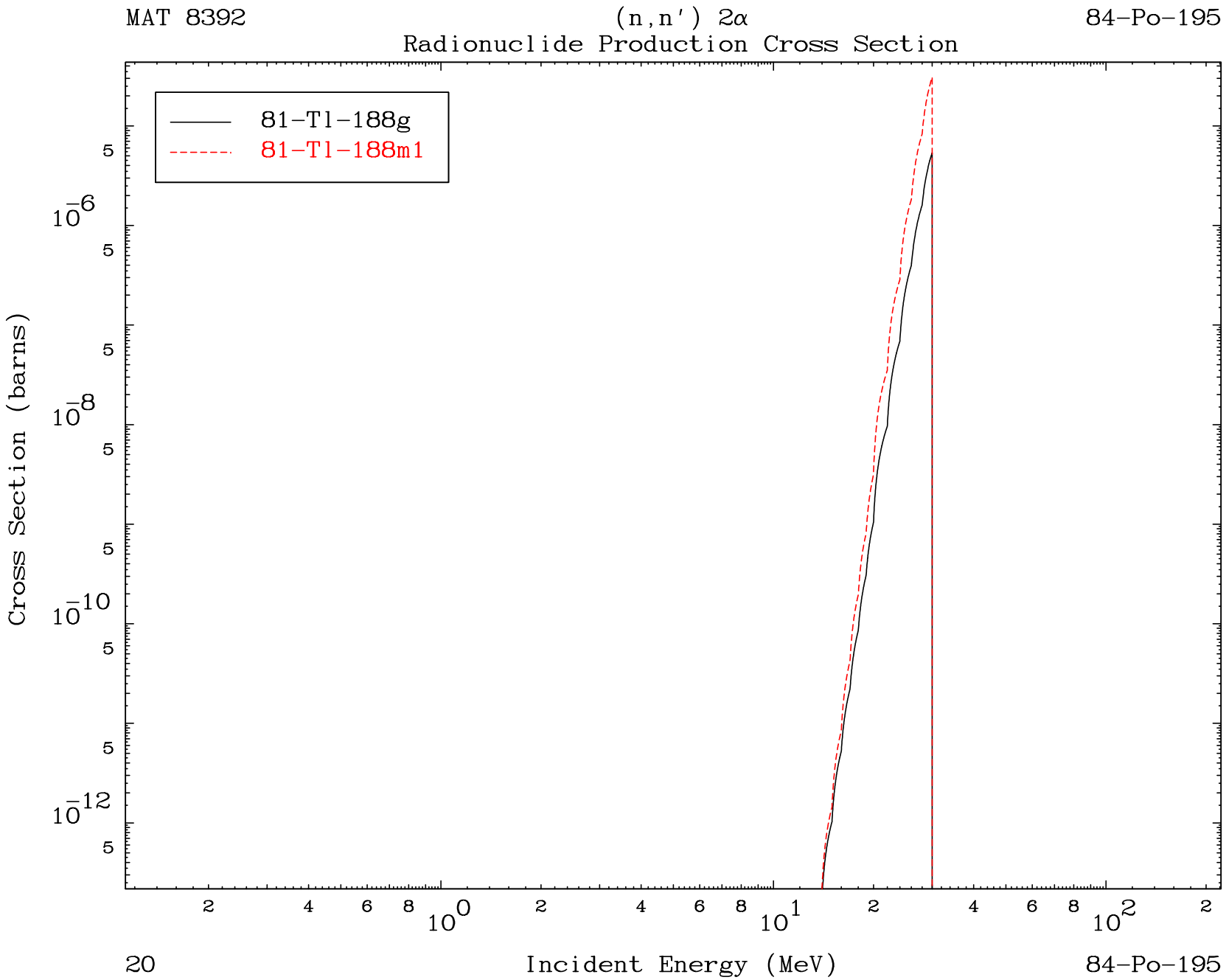

MAT 8392
Fission
84-Po-195
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
84-Po-195

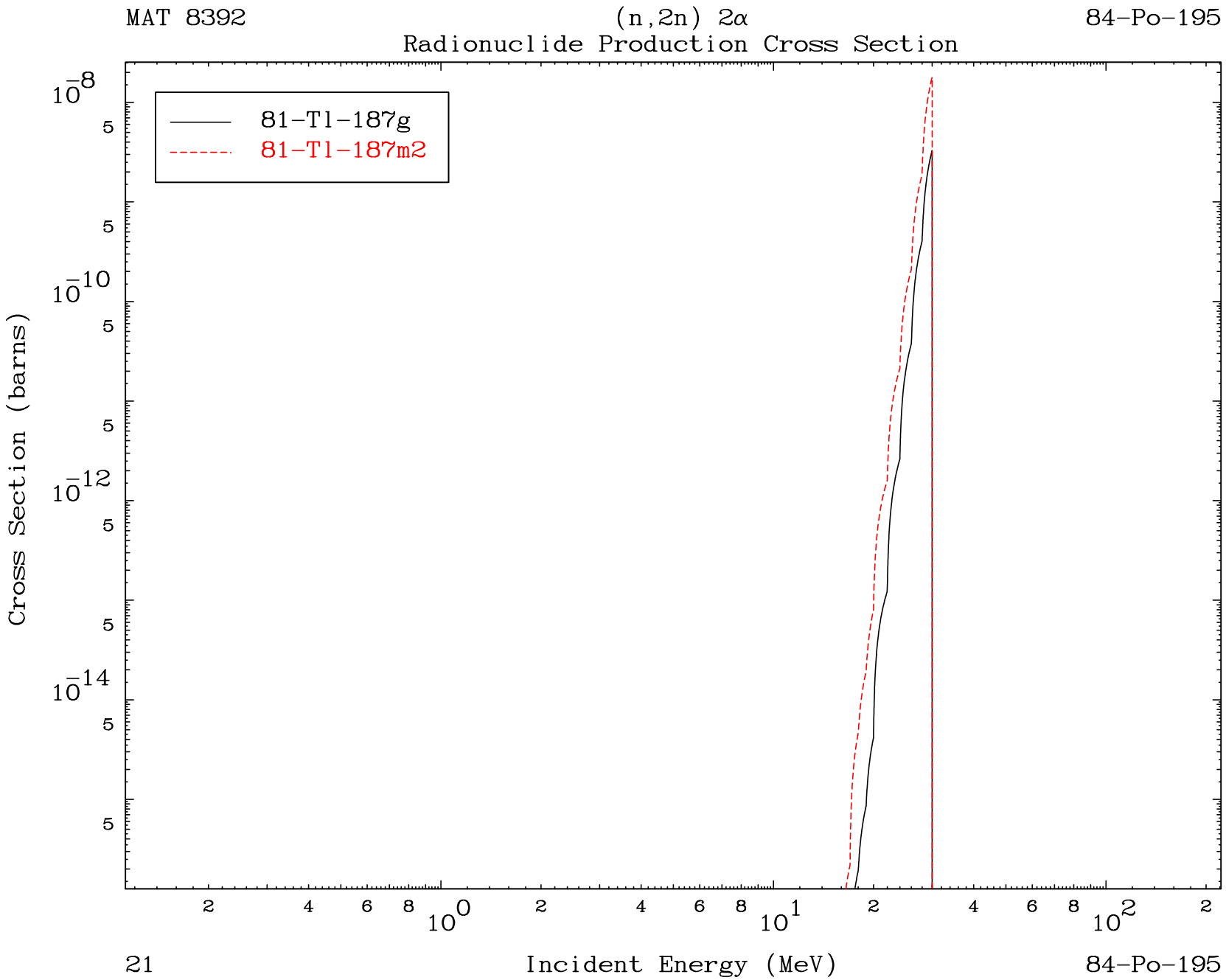

MAT 8392
(n,n') α
84-Po-195
Radionuclide Production Cross Section
83-Bi-192g
83-Bi-192m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
16
84-Po-195

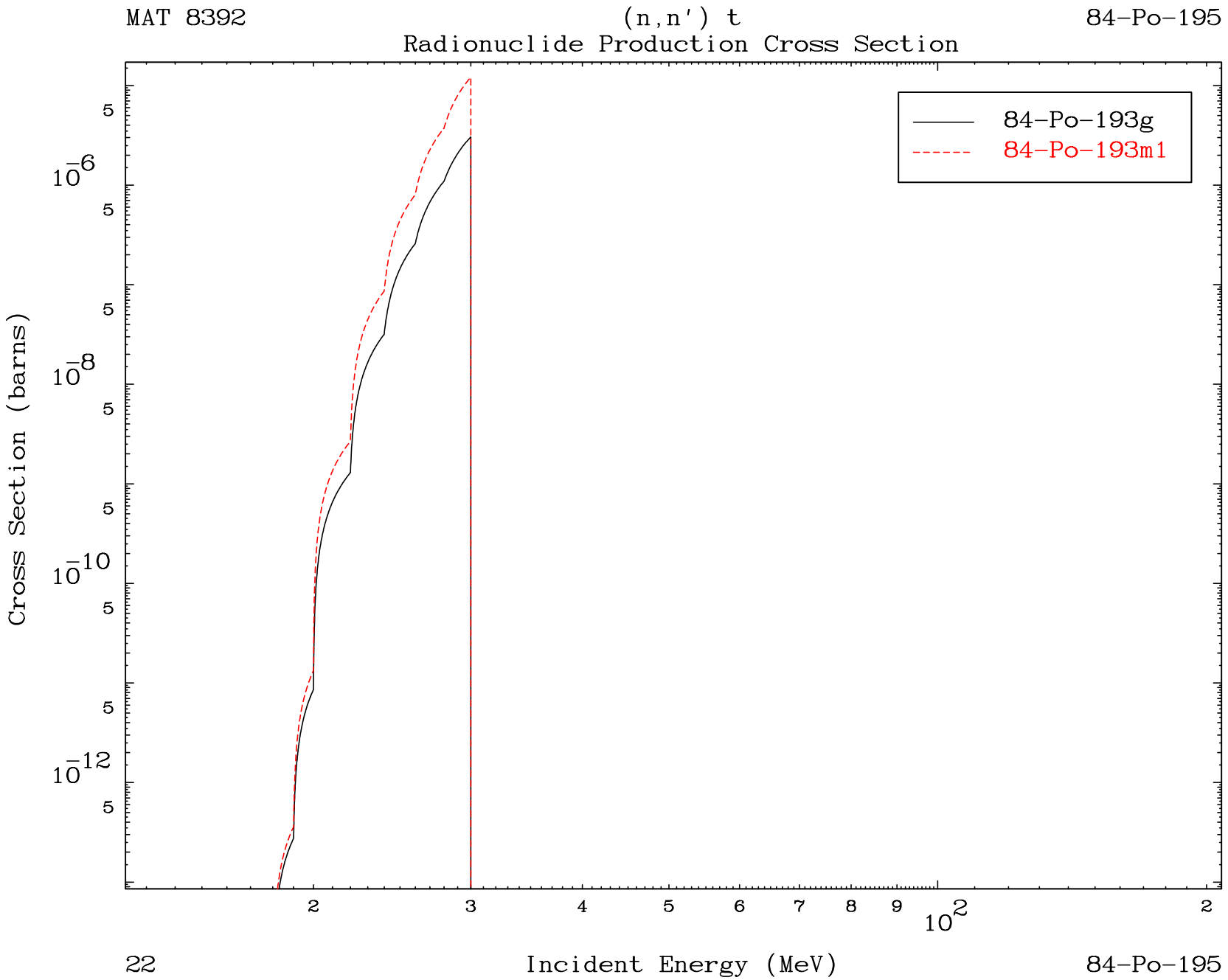

MAT 8392
(n,2n) α
84-Po-195
Radionuclide Production Cross Section
83-Bi-191g
83-Bi-191m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
17
84-Po-195

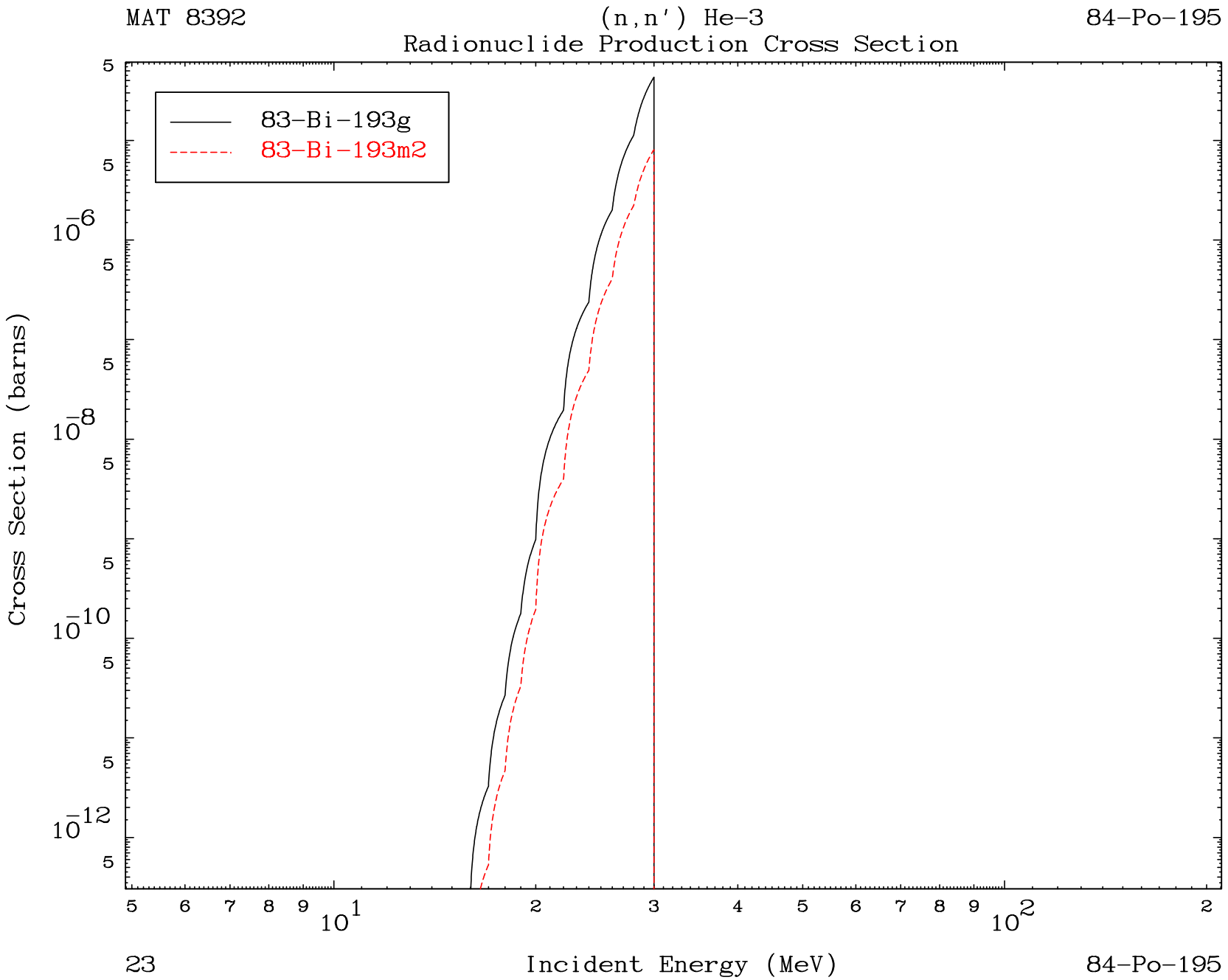

MAT 8392
(n,3n) α
84-Po-195
Radionuclide Production Cross Section
83-Bi-190g
83-Bi-190m4
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-195

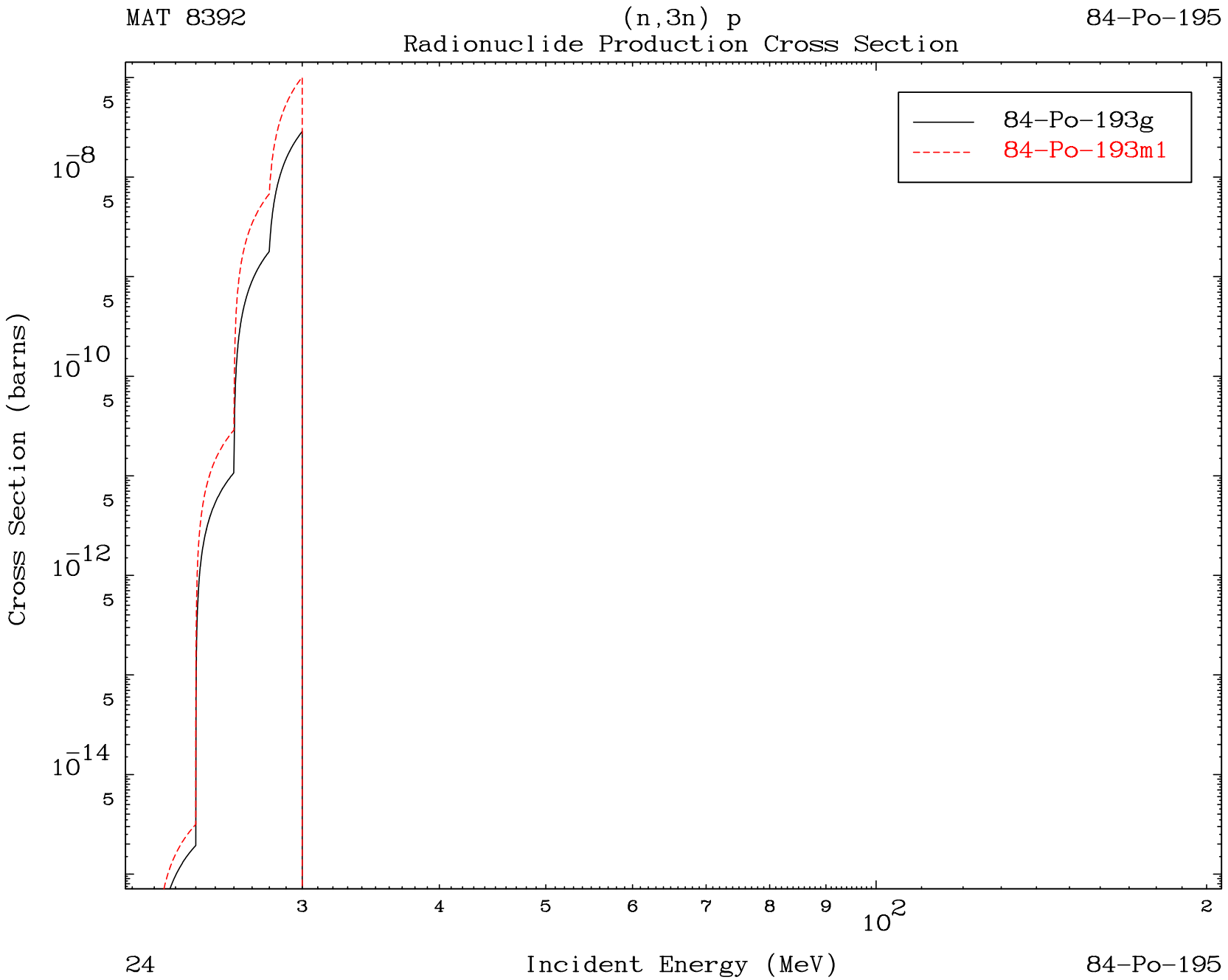

MAT 8392
(n,n') p
84-Po-195
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
Incident Energy (MeV)
19
84-Po-195

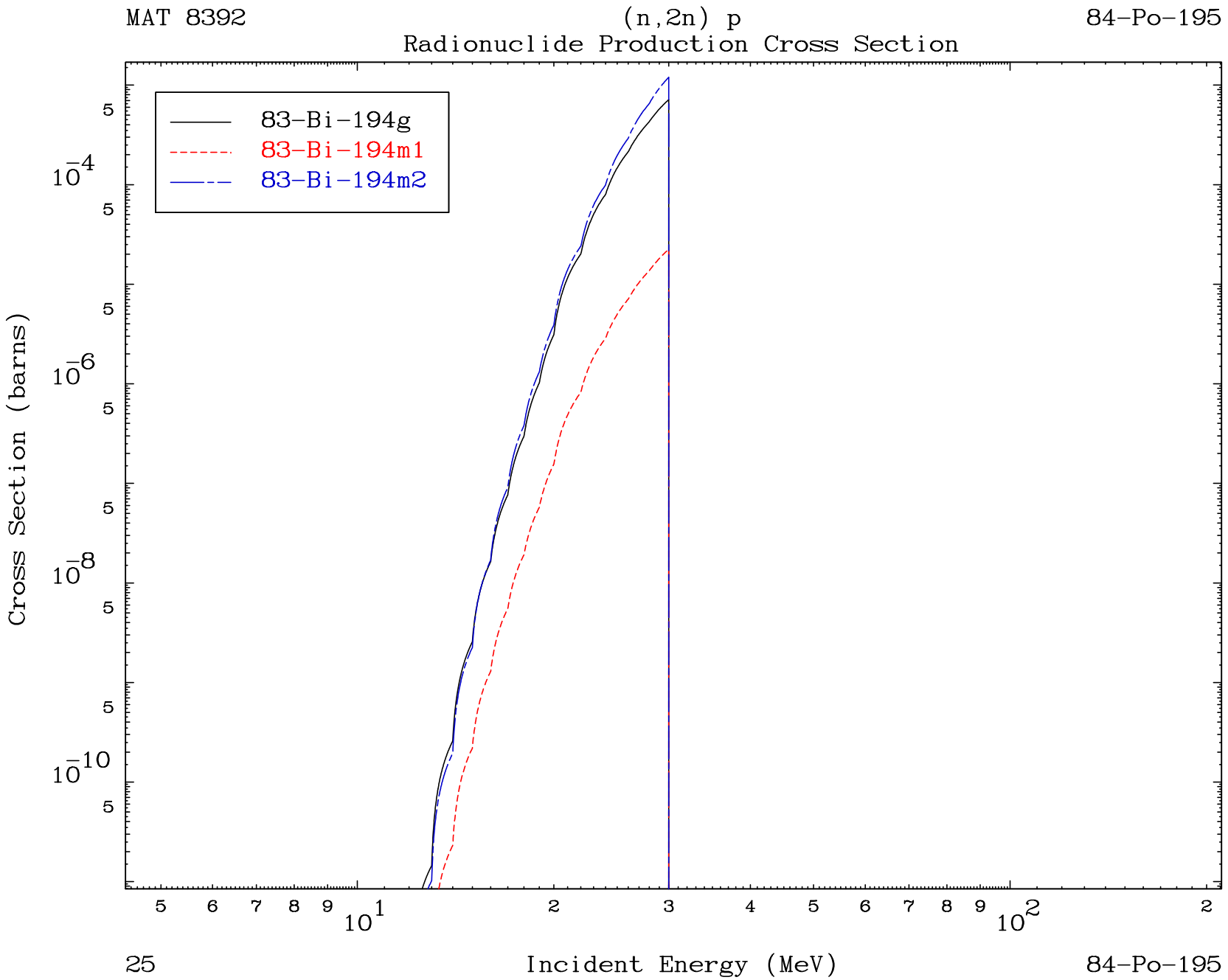

MAT 8392
(n,n') 2α
84-Po-195
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
20
84-Po-195

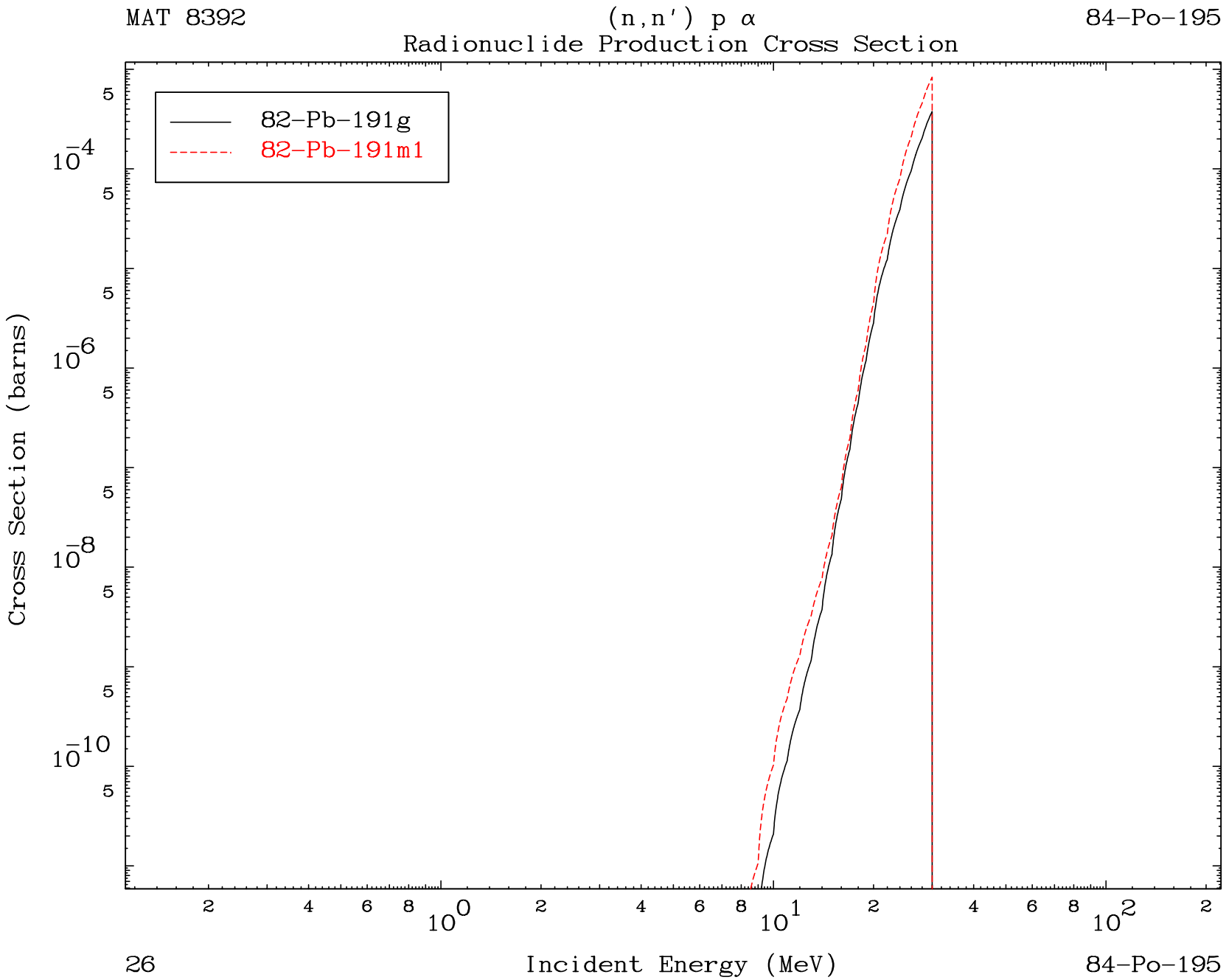

MAT 8392
(n,2n) 2α
84-Po-195
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
21
84-Po-195

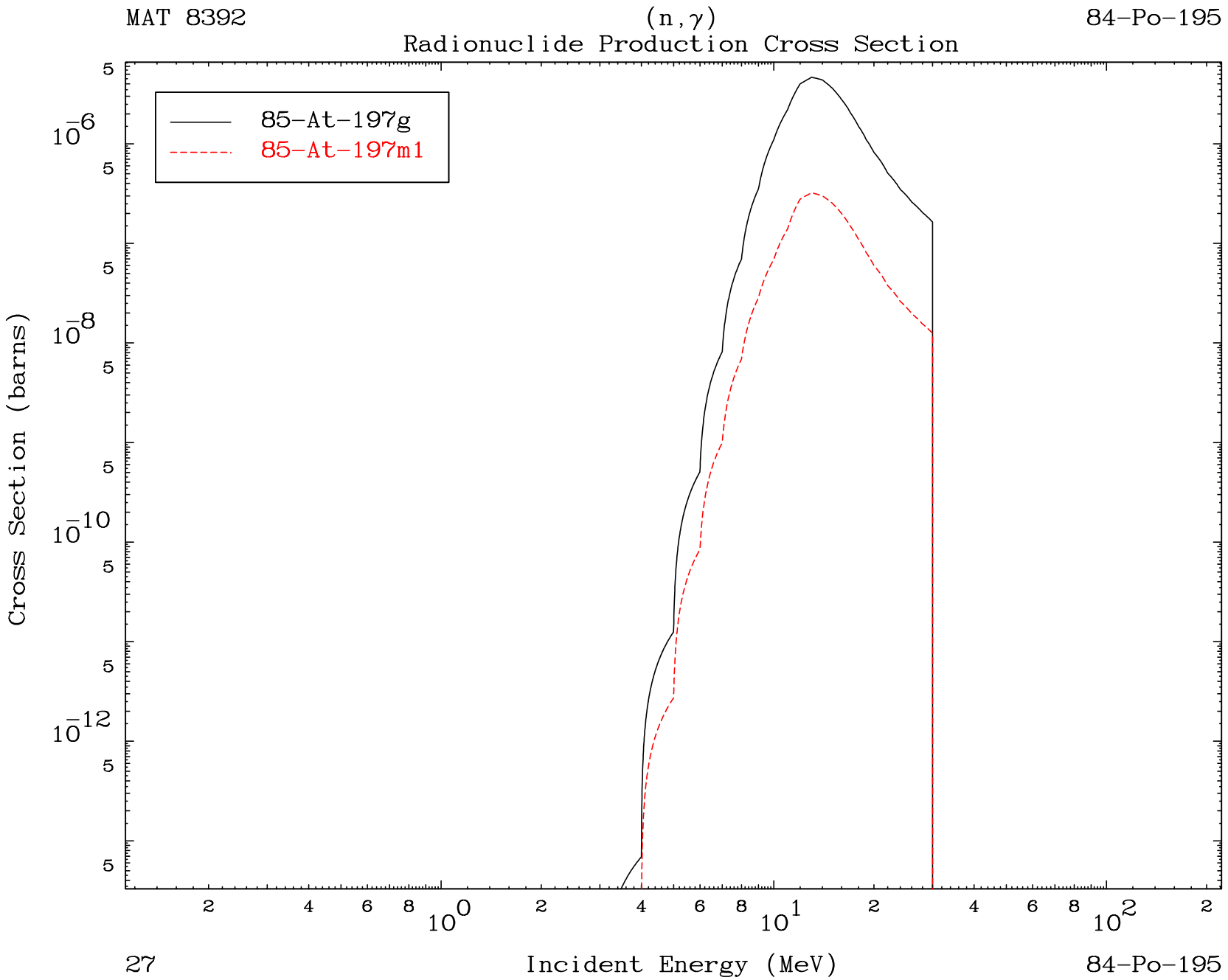

MAT 8392
(n,n') t
84-Po-195
Radionuclide Production Cross Section
84-Po-193g
84-Po-193m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
84-Po-195

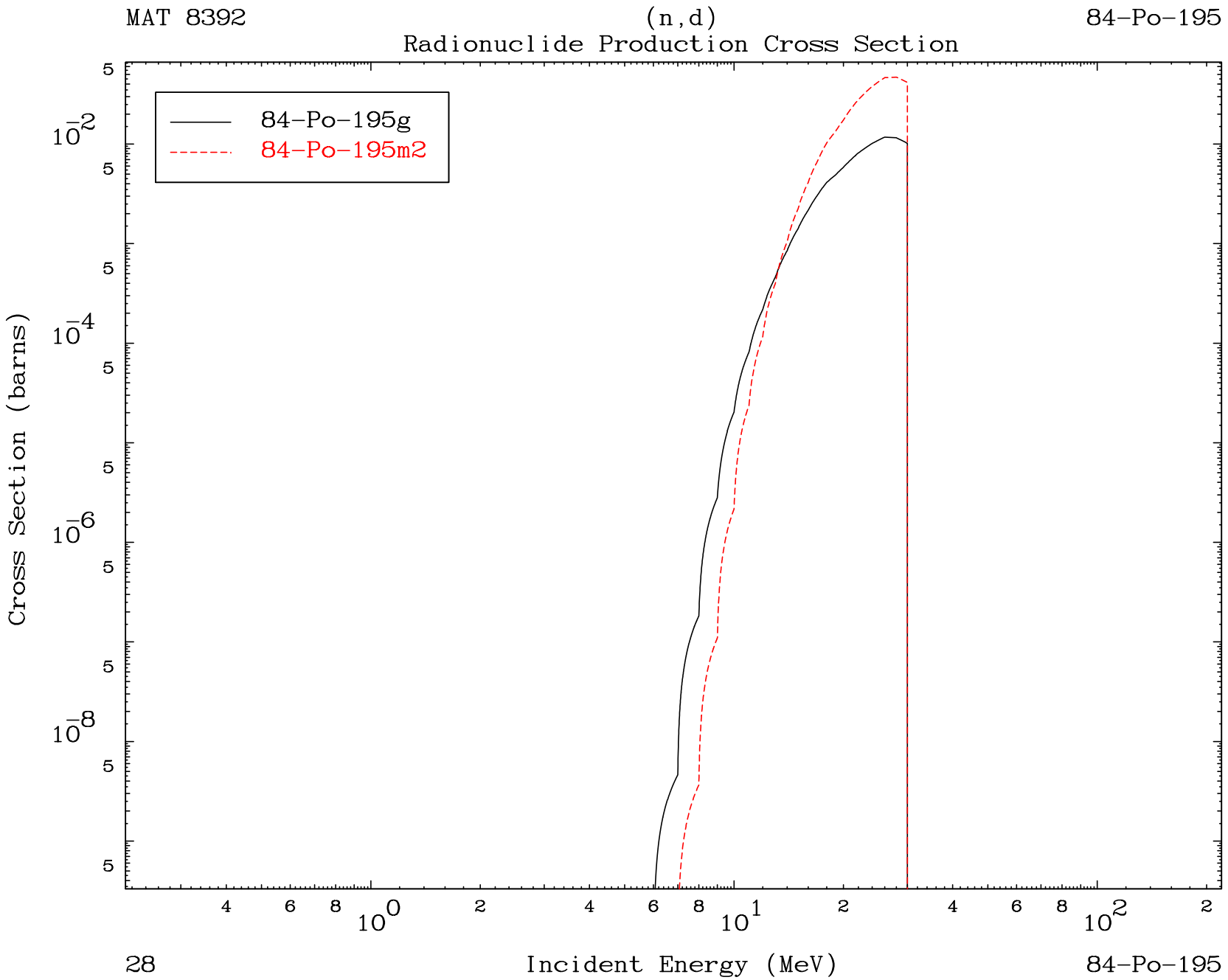

MAT 8392
(n,n') He-3
84-Po-195
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m2
Cross Section (barns)
Incident Energy (MeV)
23
84-Po-195

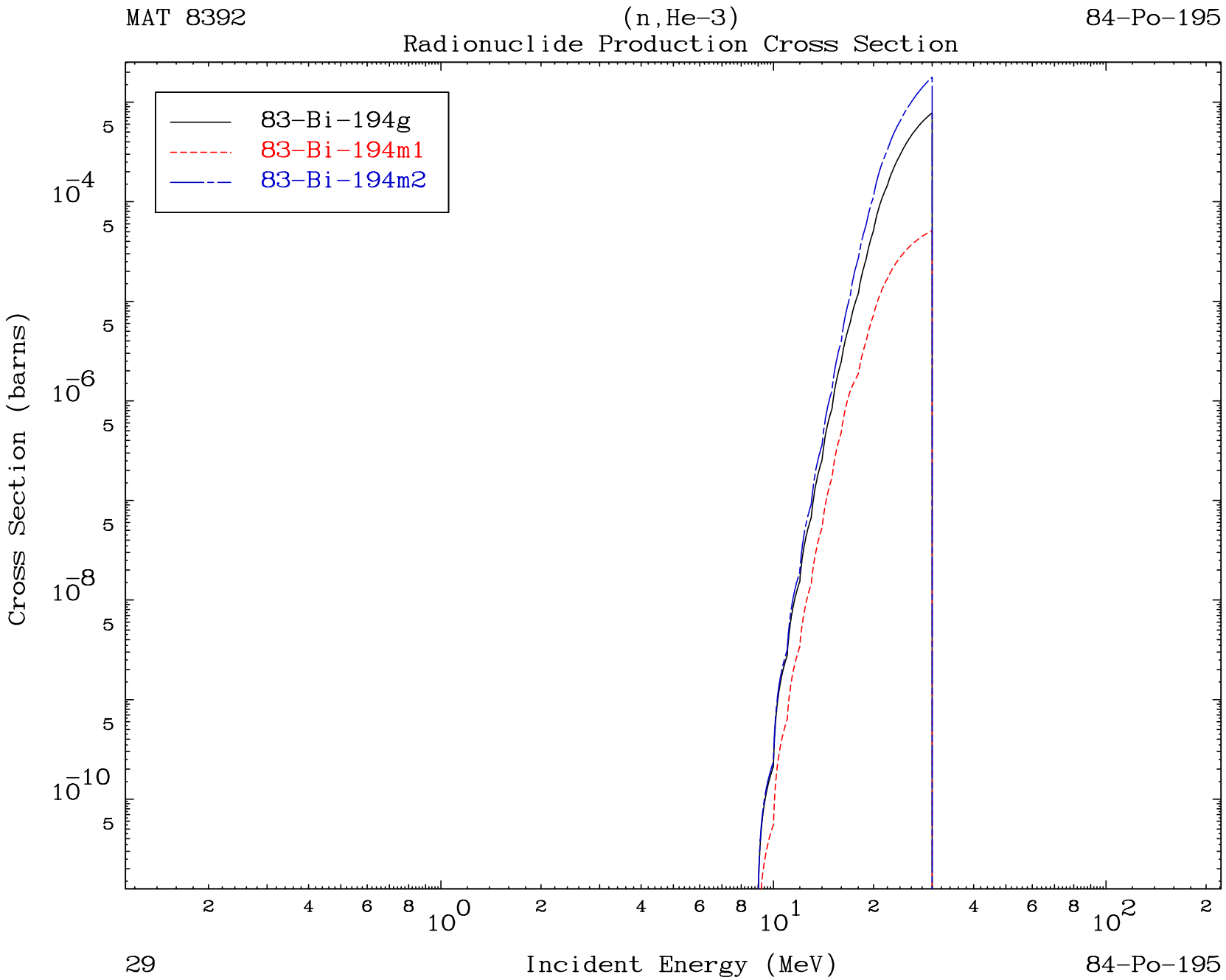

MAT 8392
(n,3n) p
84-Po-195
Radionuclide Production Cross Section
84-Po-193g
84-Po-193m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
84-Po-195

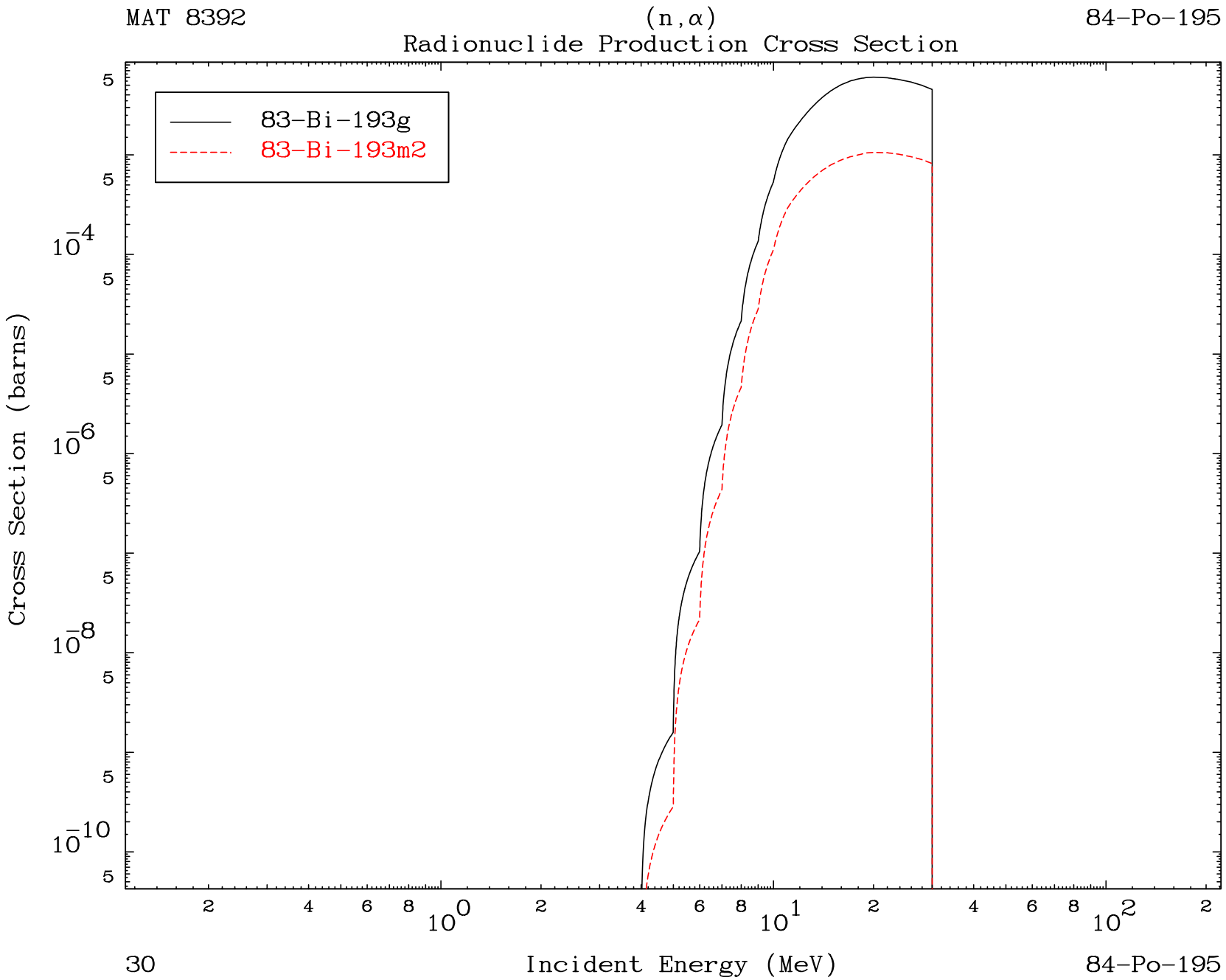

MAT 8392
(n,2n) p
84-Po-195
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
25
84-Po-195

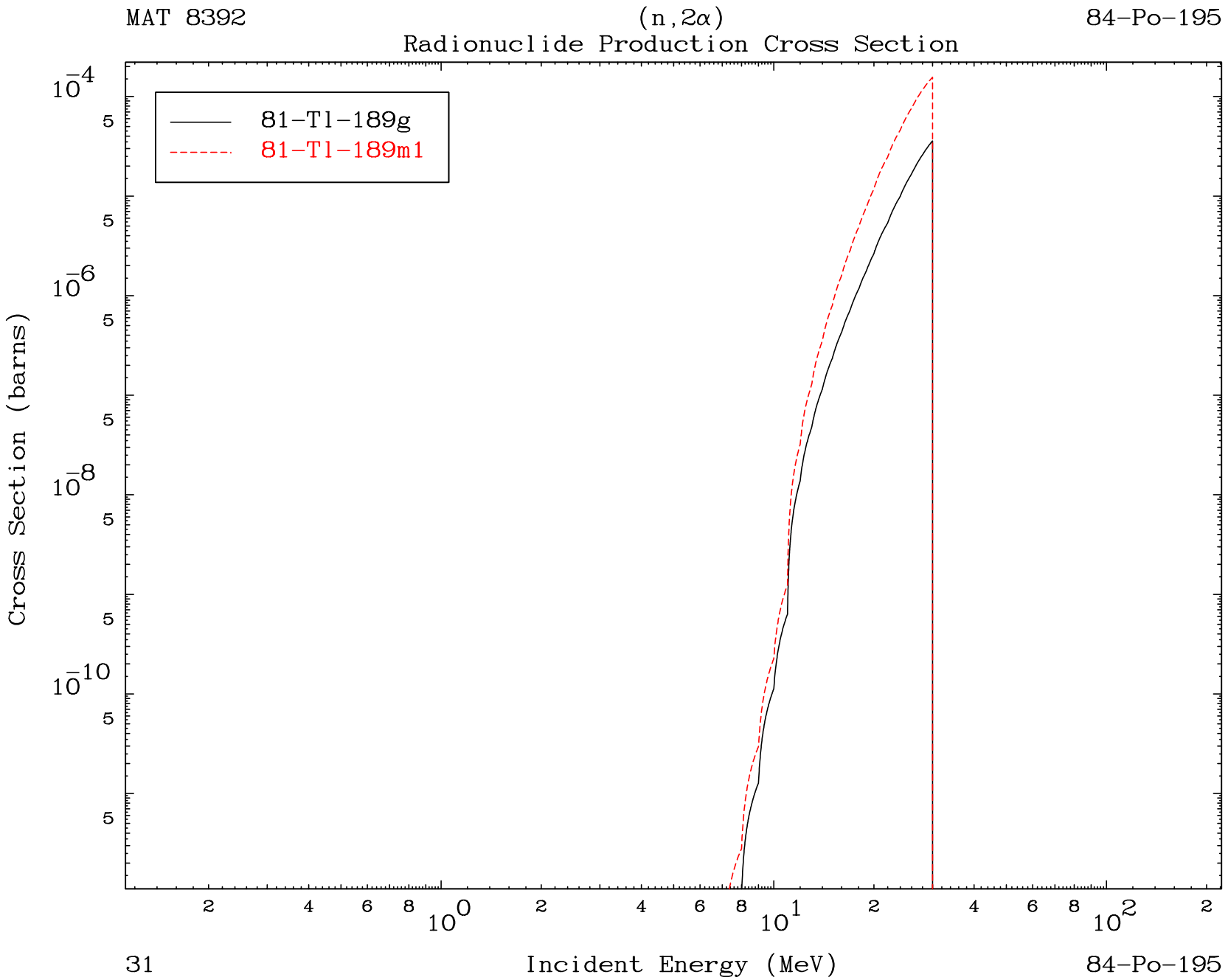

MAT 8392
(n,n') p α
84-Po-195
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
26
84-Po-195

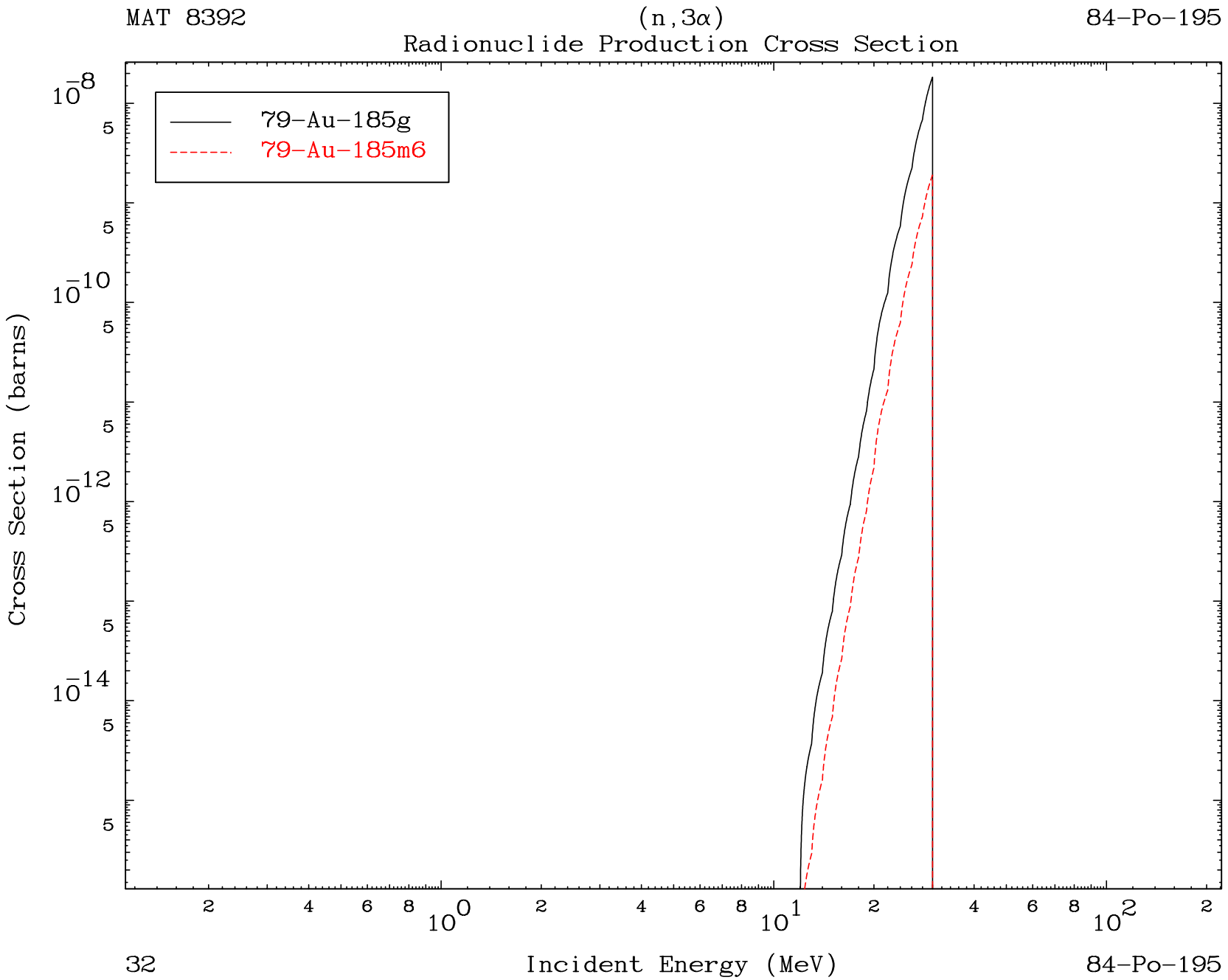

MAT 8392
(n,γ)
84-Po-195
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
27
84-Po-195

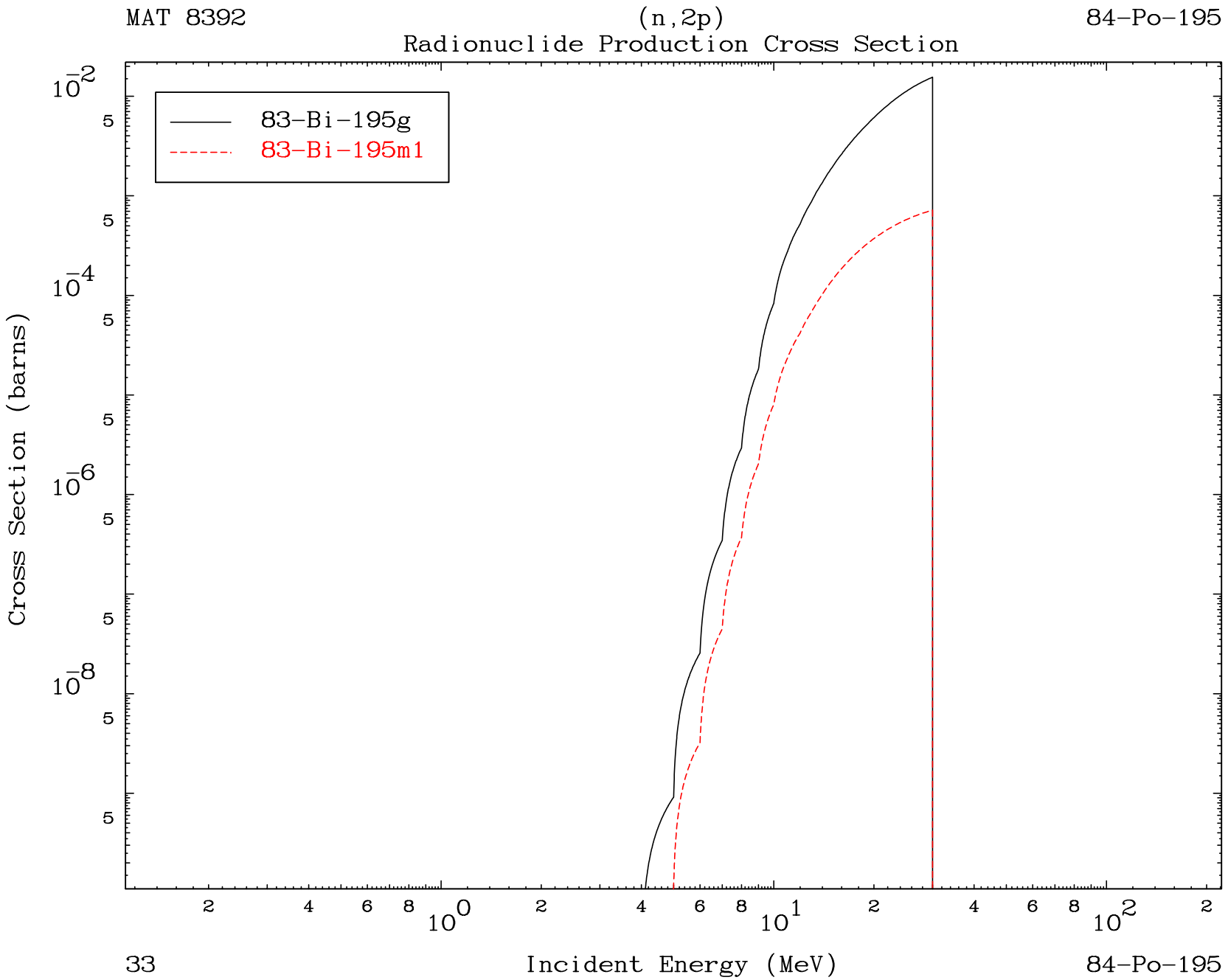

MAT 8392
(n,d)
84-Po-195
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
Incident Energy (MeV)
28
84-Po-195

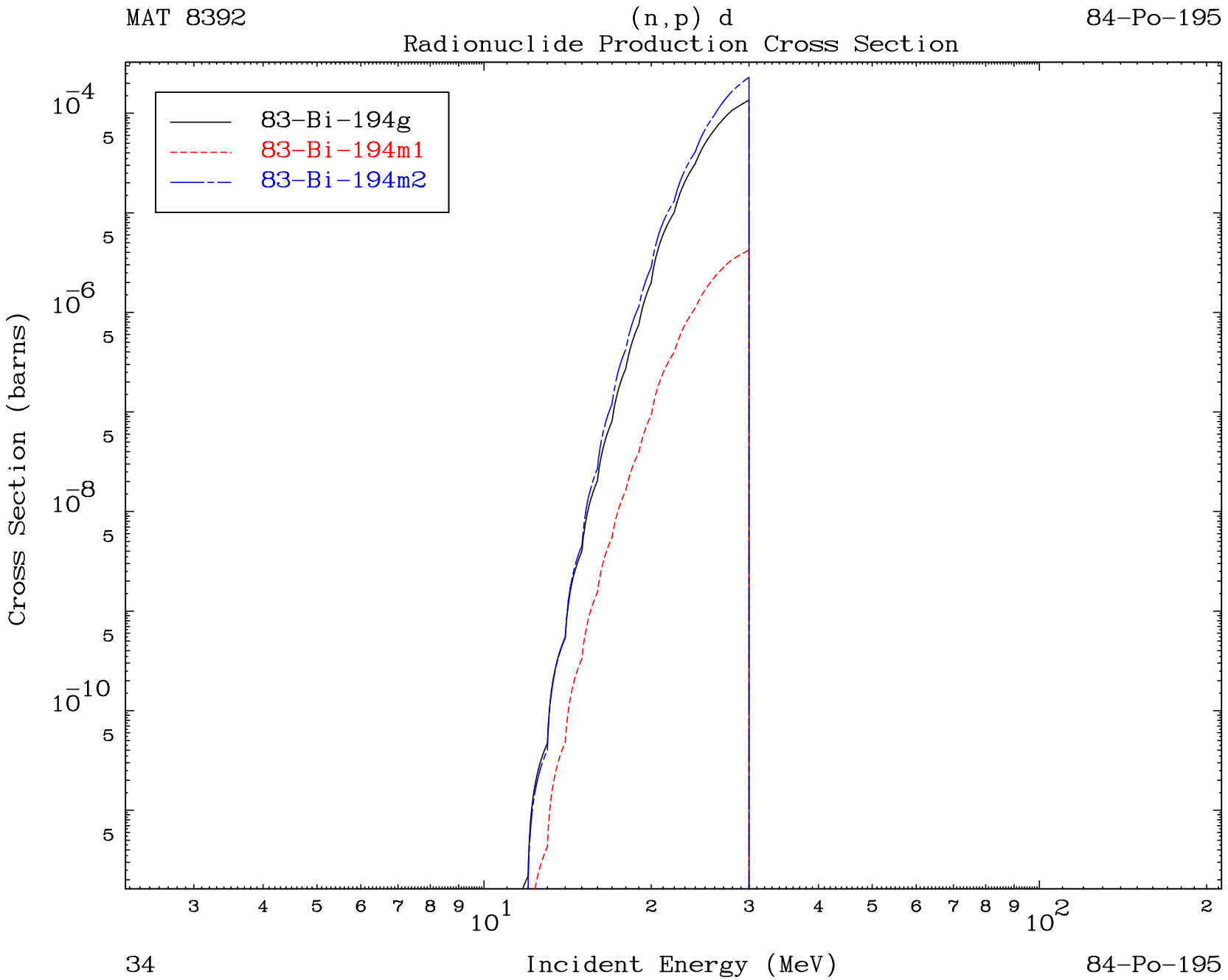

MAT 8392
(n,He-3)
84-Po-195
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
29
84-Po-195

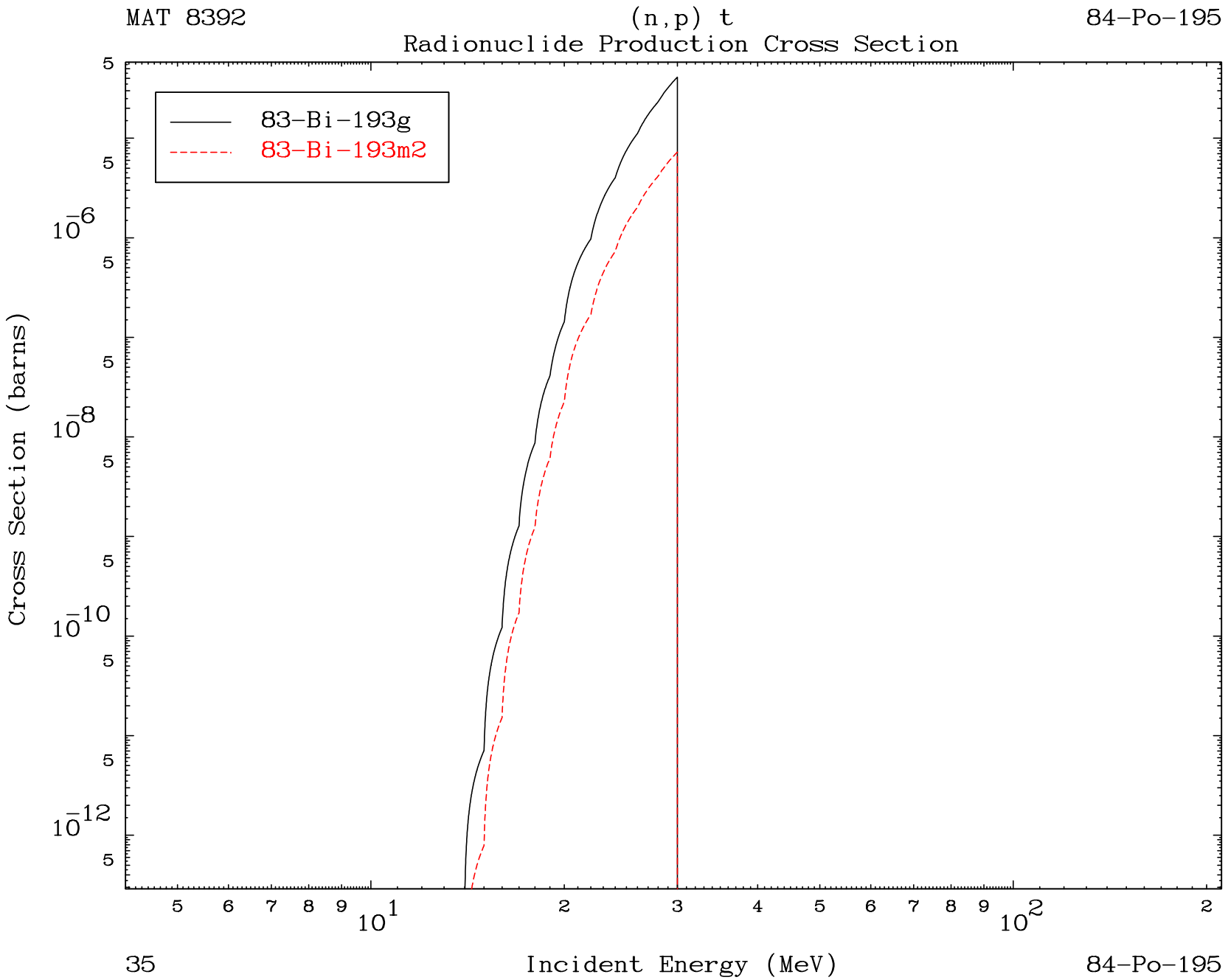

MAT 8392
(n,α)
84-Po-195
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m2
Cross Section (barns)
Incident Energy (MeV)
30
84-Po-195

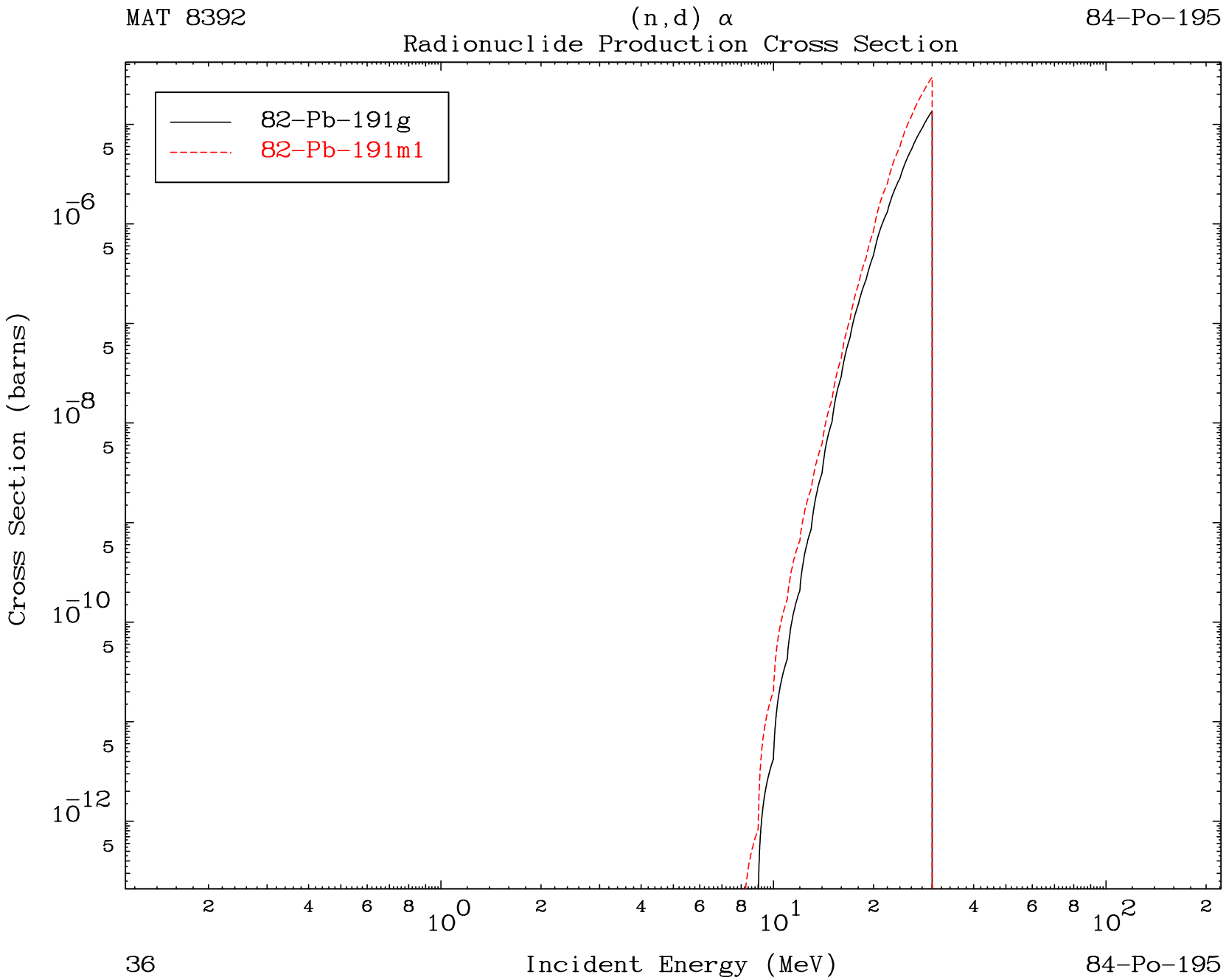

MAT 8392
(n,2α)
84-Po-195
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
31
84-Po-195


MAT 8392
(n,3α)
84-Po-195
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
32
84-Po-195


MAT 8392
(n,2p)
84-Po-195
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
33
84-Po-195


MAT 8392
(n,p) d
84-Po-195
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
34
84-Po-195


MAT 8392
(n,p) t
84-Po-195
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m2
Cross Section (barns)
Incident Energy (MeV)
35
84-Po-195


MAT 8392
(n,d) α
84-Po-195
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
36
84-Po-195