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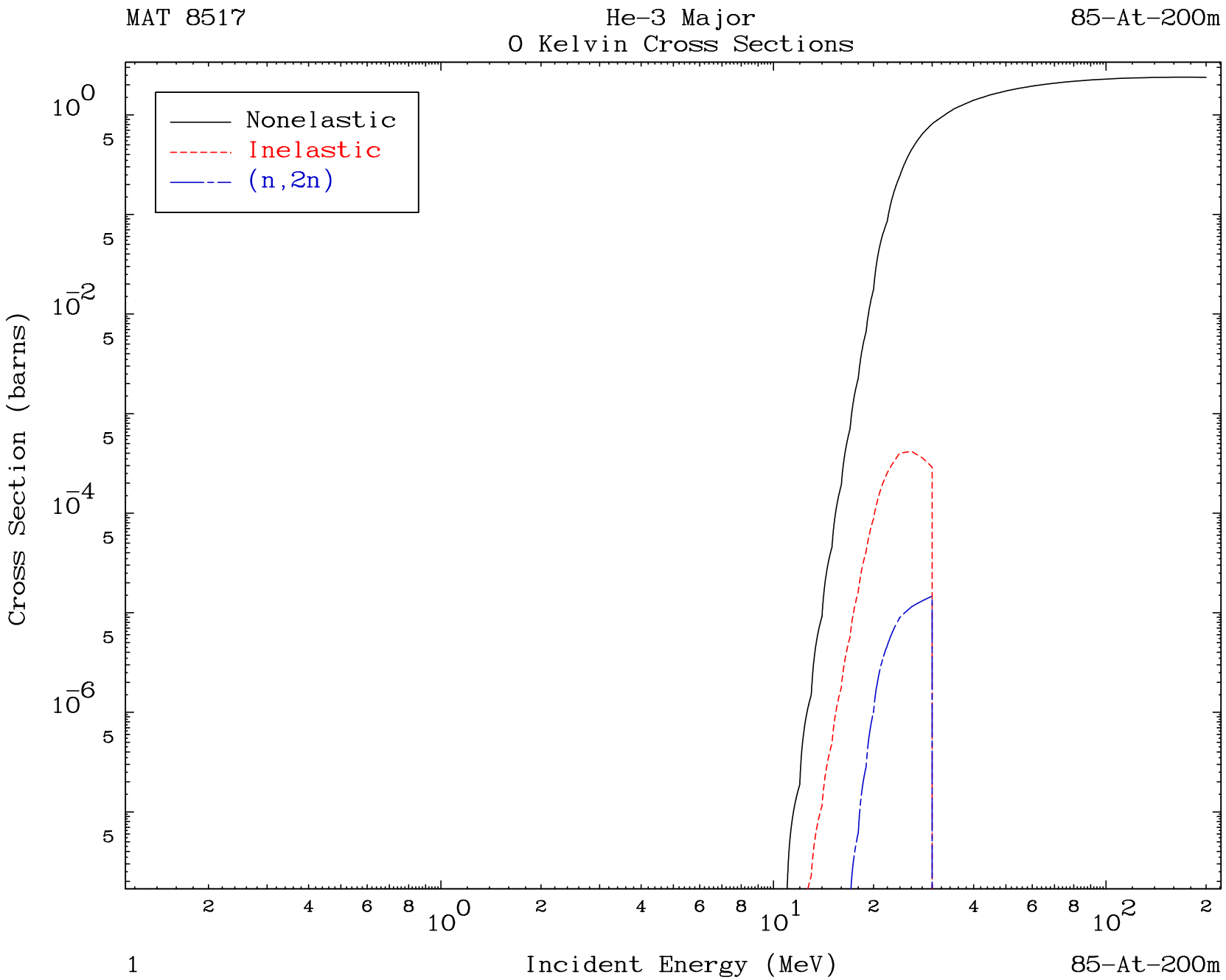
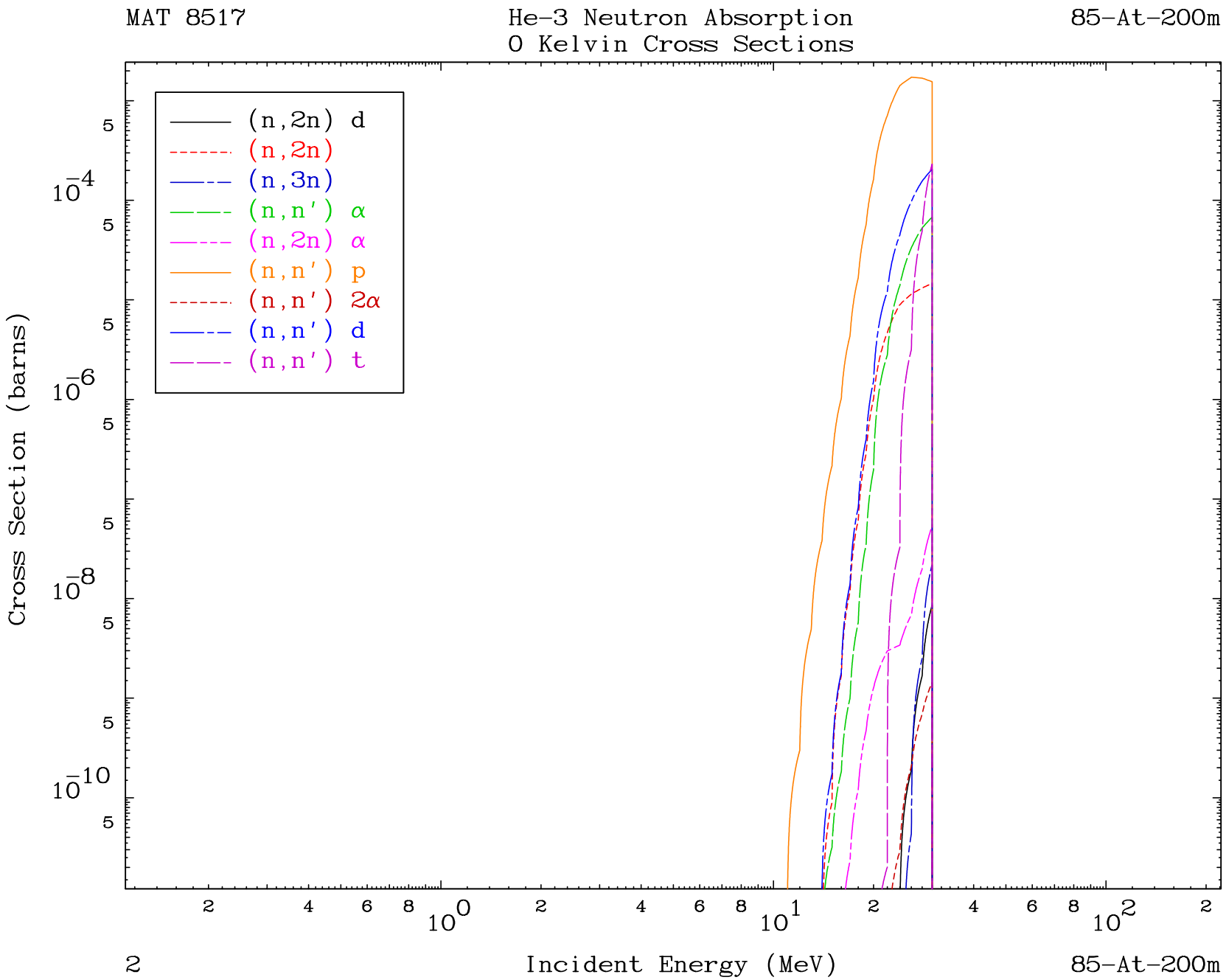
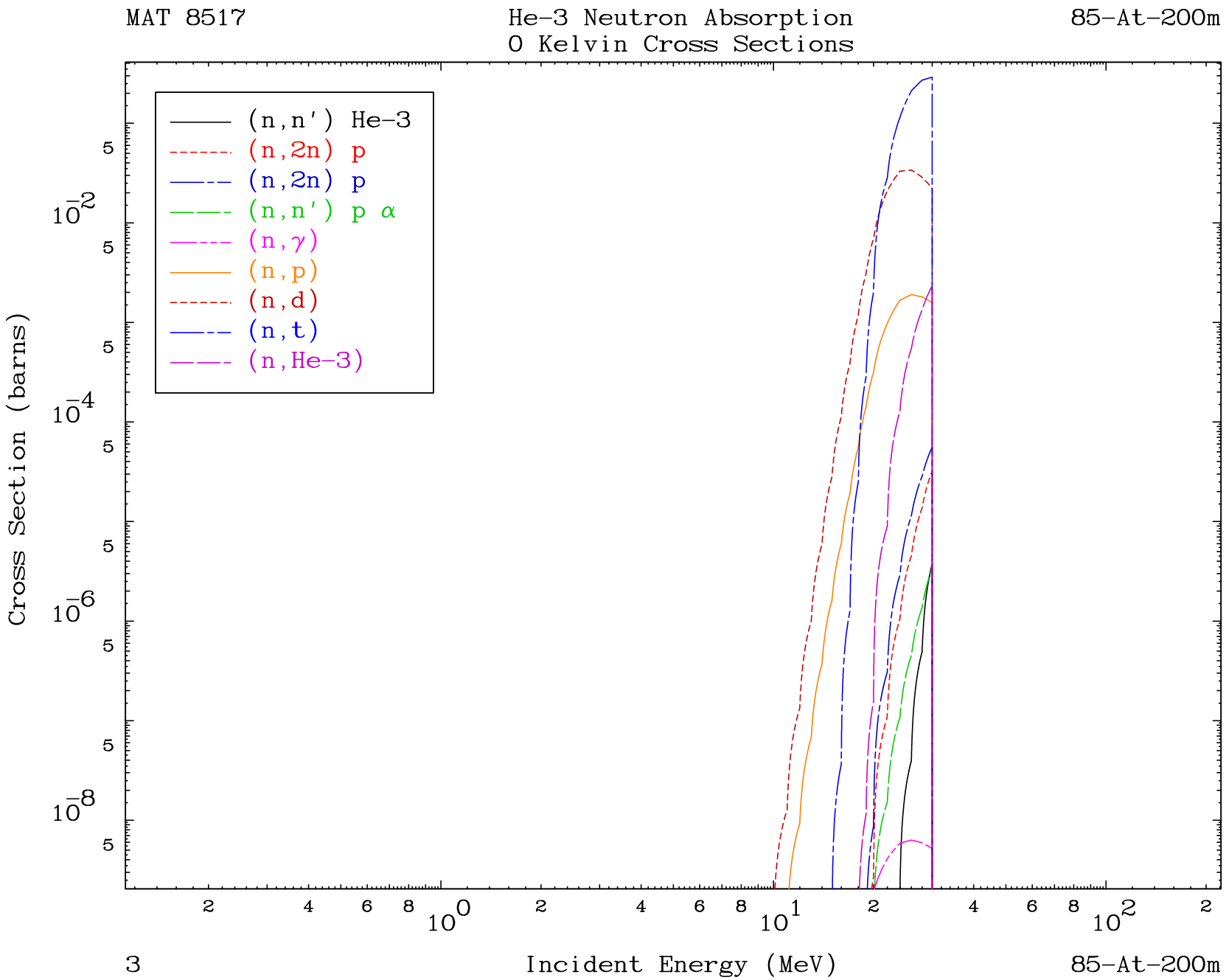
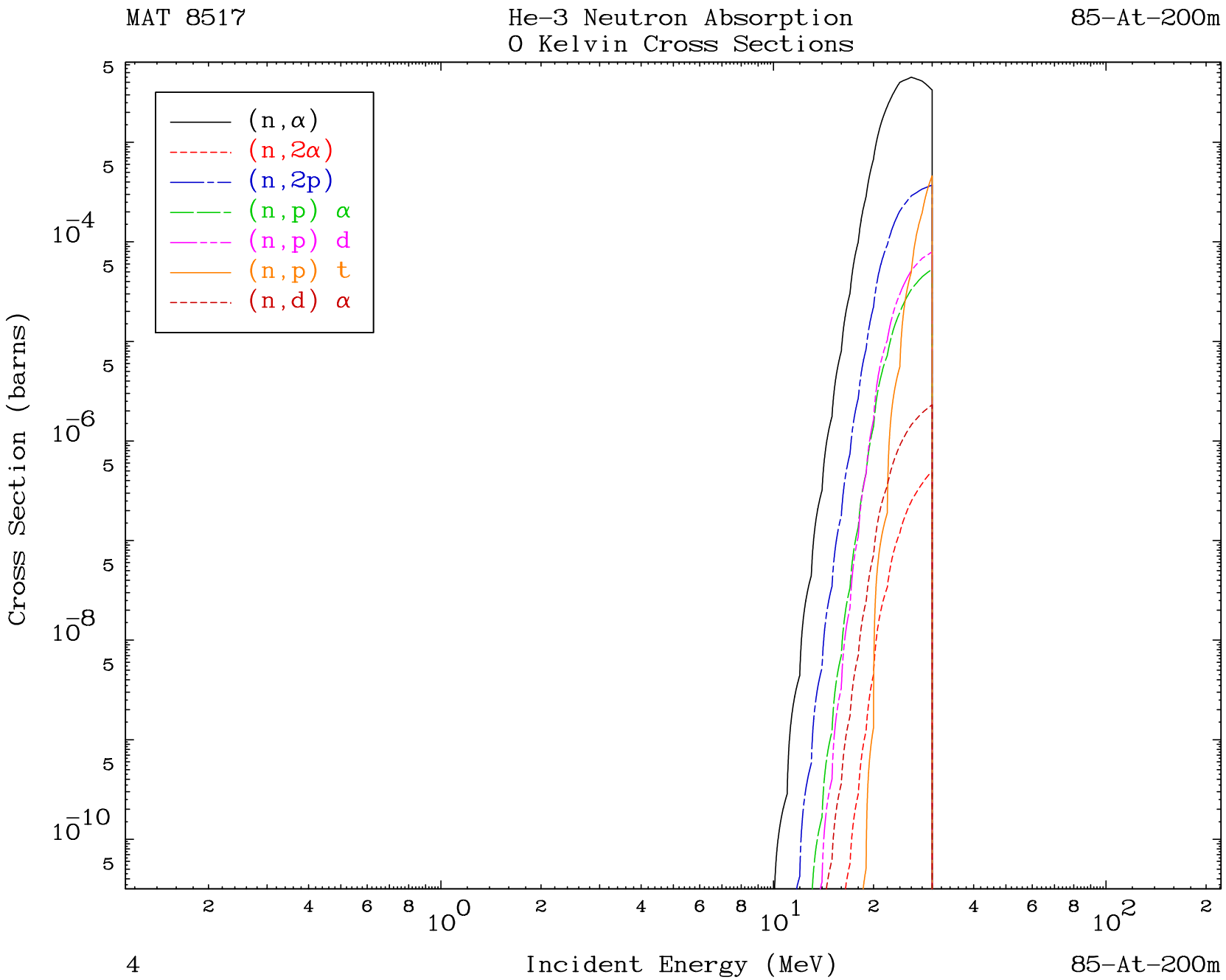
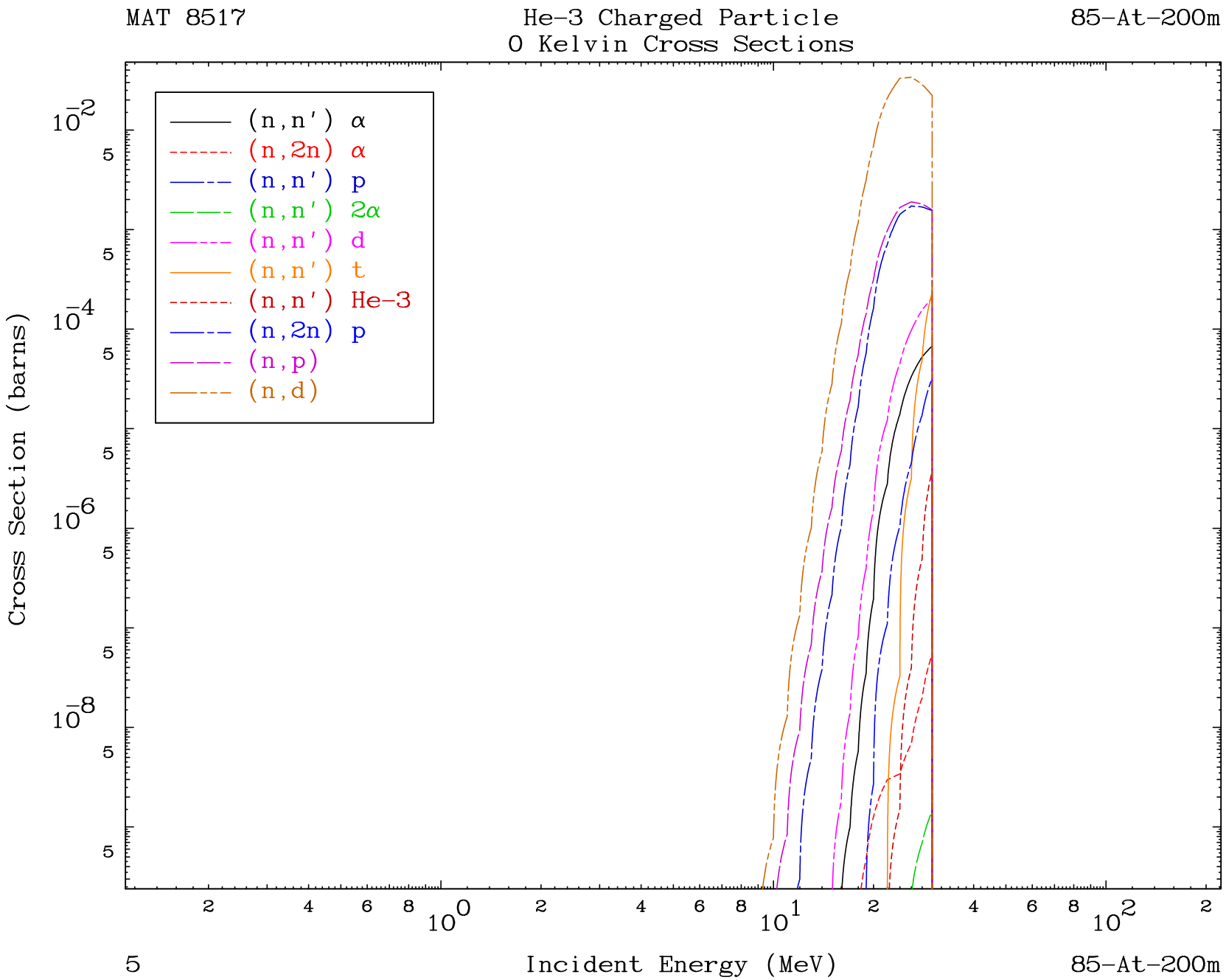
Press Mouse Button to Start

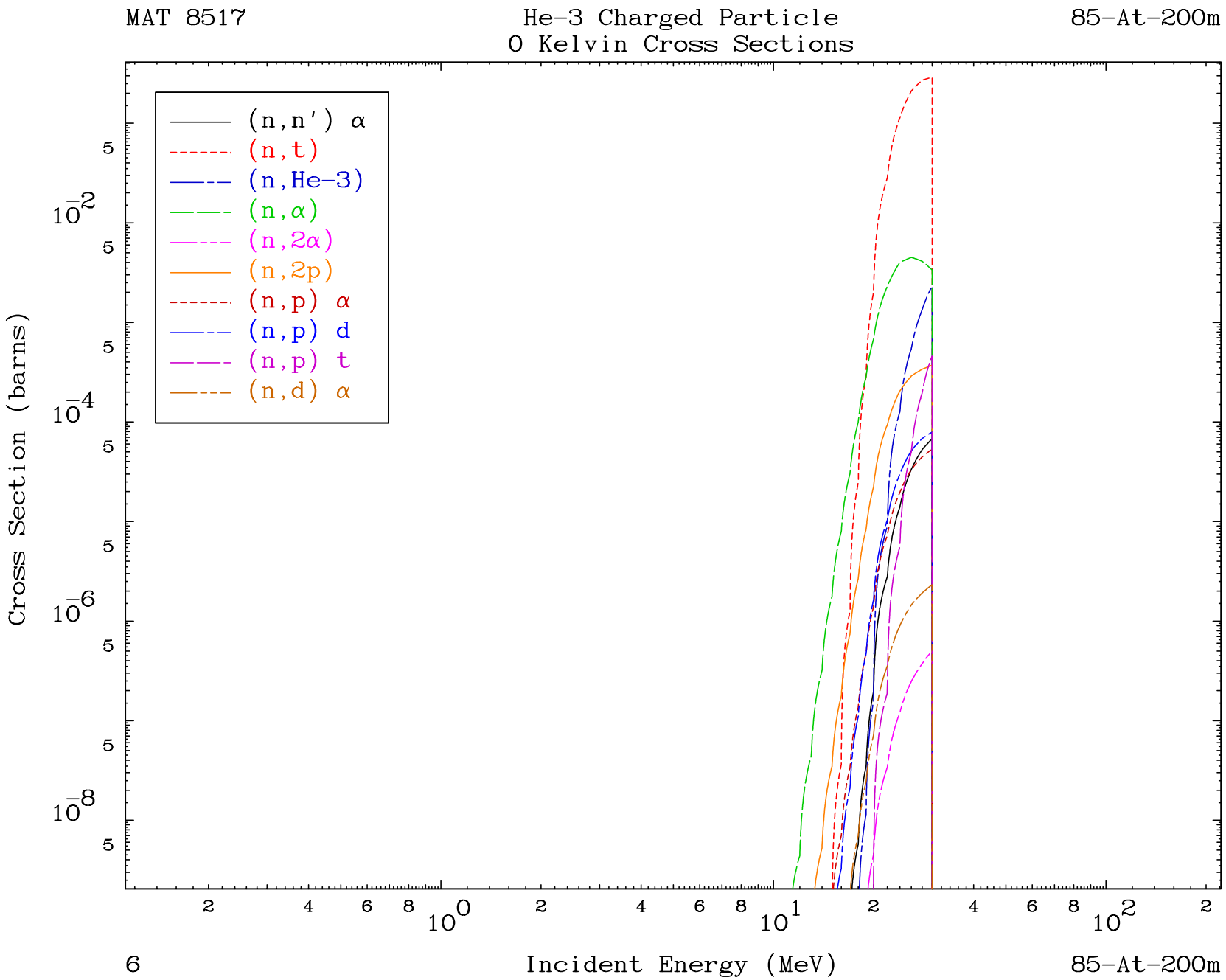

MAT 8517
He-3 Major
85-At-200m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
Incident Energy (MeV)
85-At-200m

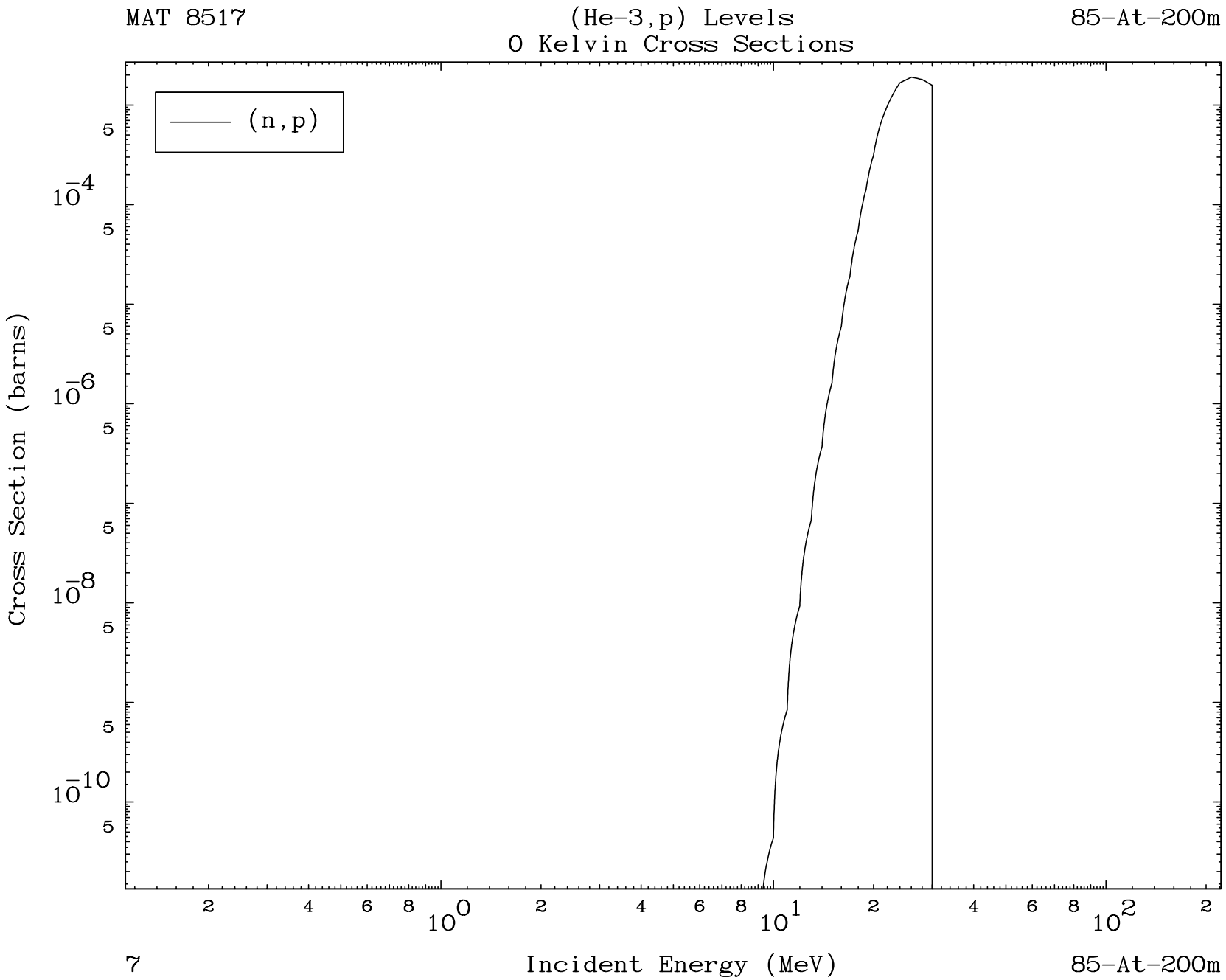

MAT 8517
He-3 Neutron Absorption
0 Kelvin Cross Sections
85-At-200m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
85-At-200m

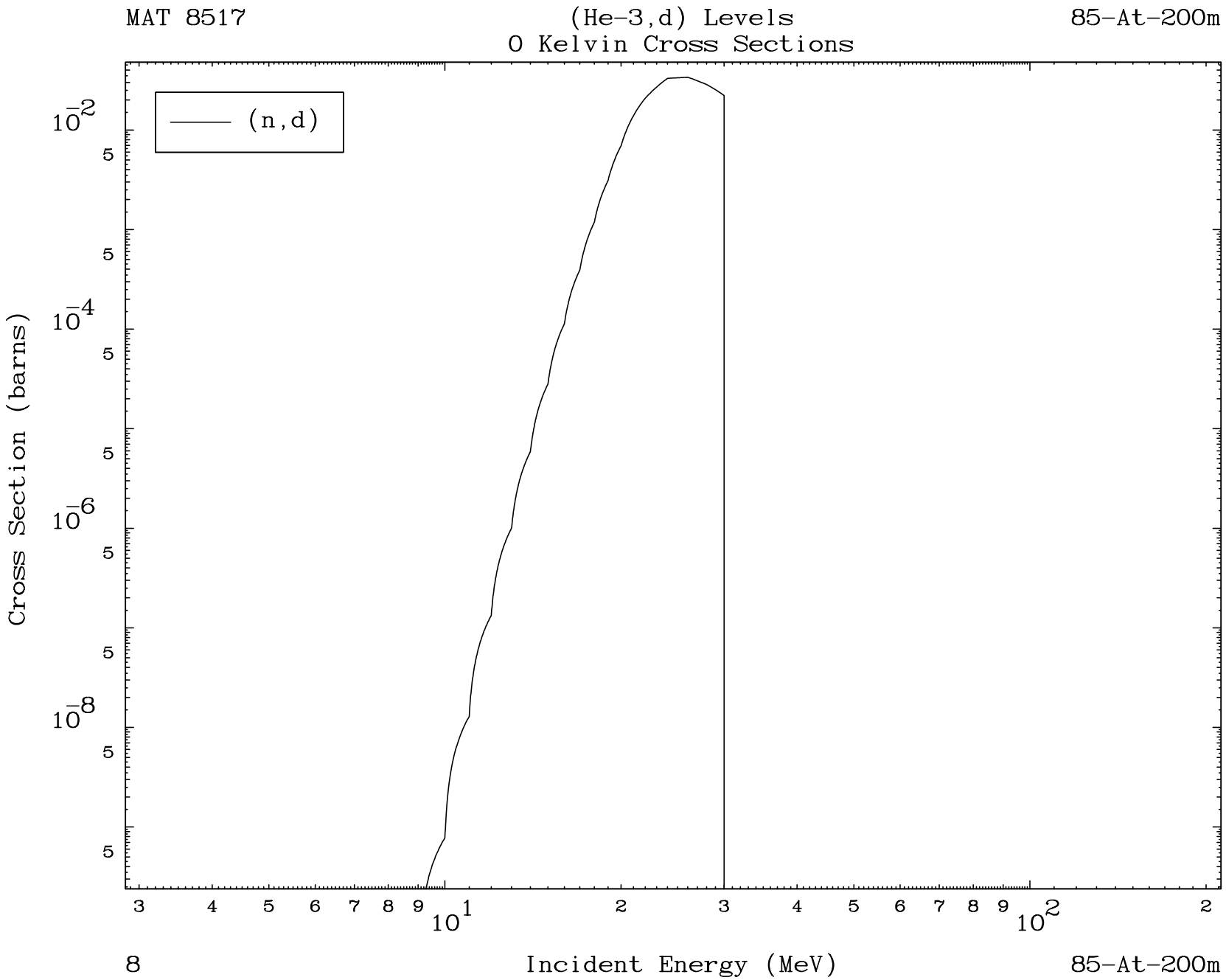

MAT 8517
He-3 Neutron Absorption
0 Kelvin Cross Sections
85-At-200m
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
85-At-200m

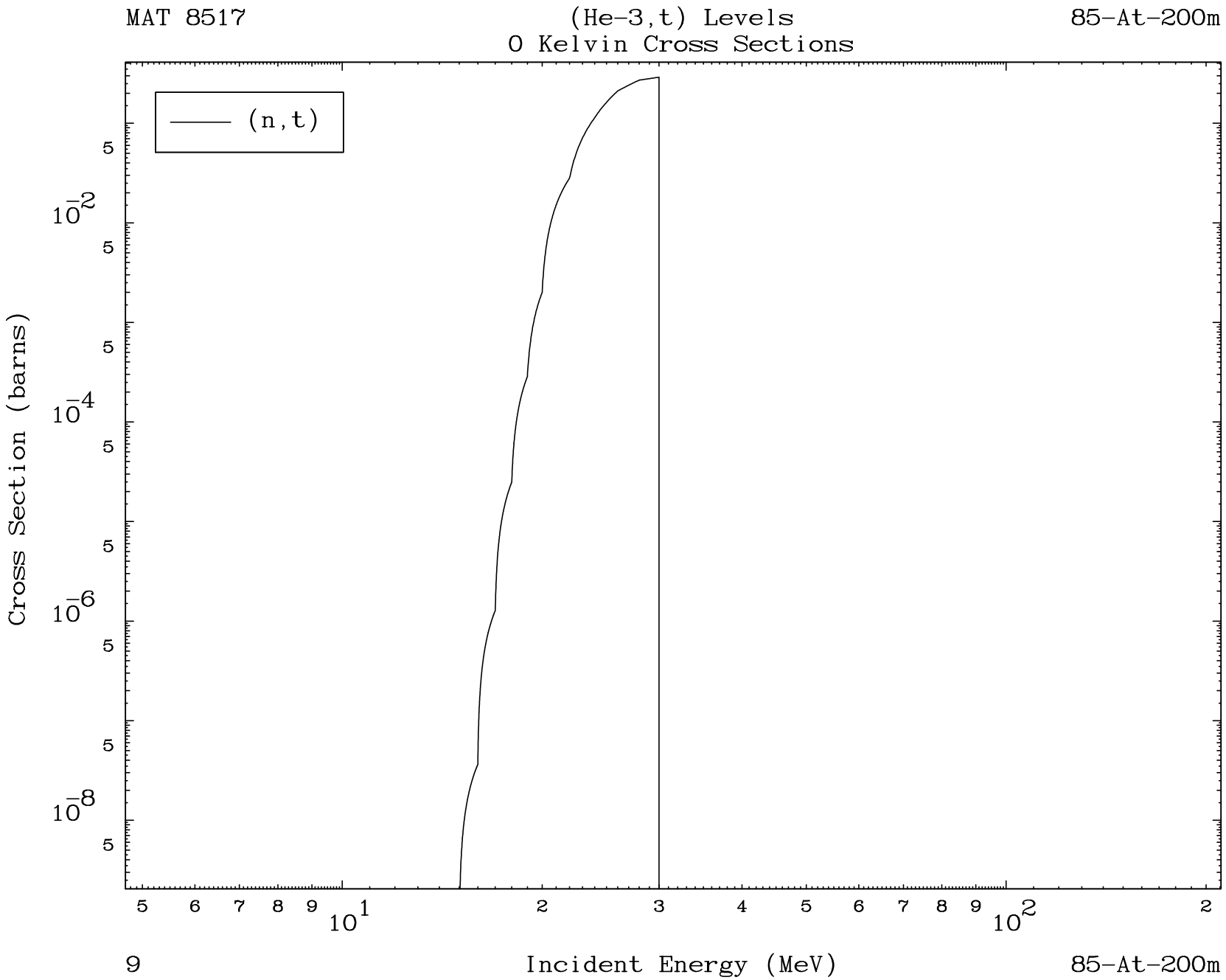

MAT 8517
He-3 Neutron Absorption
0 Kelvin Cross Sections
85-At-200m
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
85-At-200m

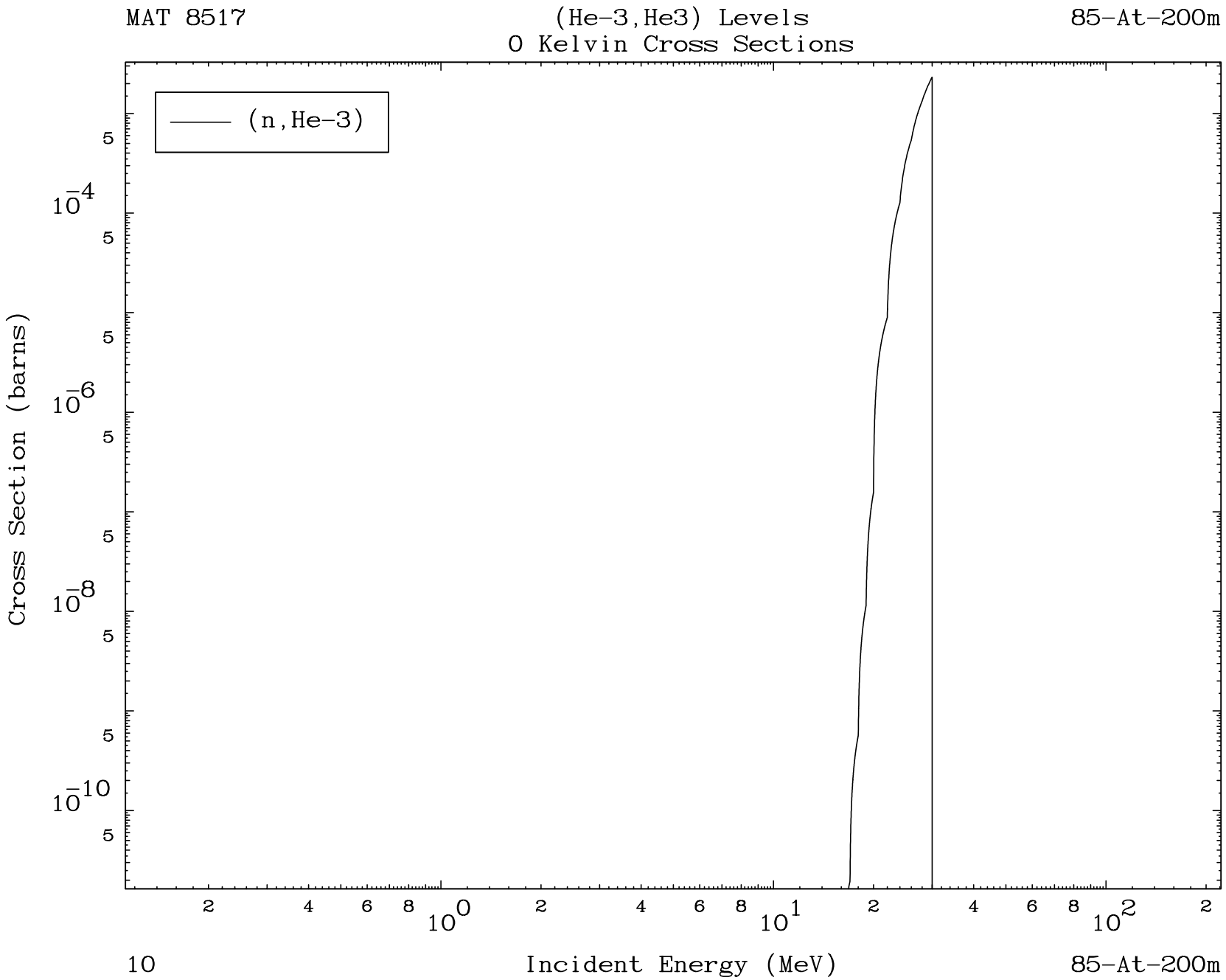

MAT 8517
He-3 Charged Particle
0 Kelvin Cross Sections
85-At-200m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
85-At-200m

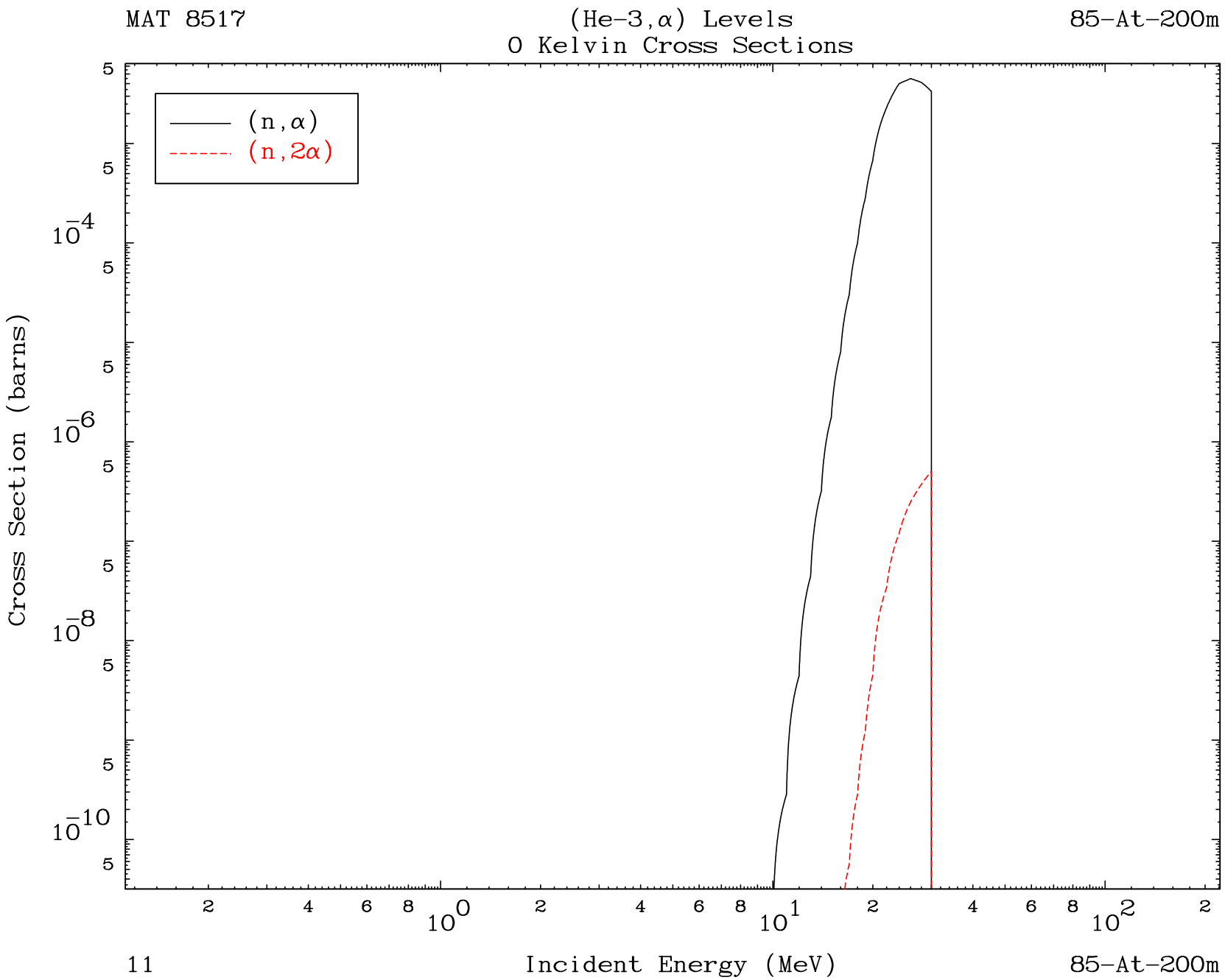

MAT 8517
He-3 Charged Particle
0 Kelvin Cross Sections
85-At-200m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
85-At-200m

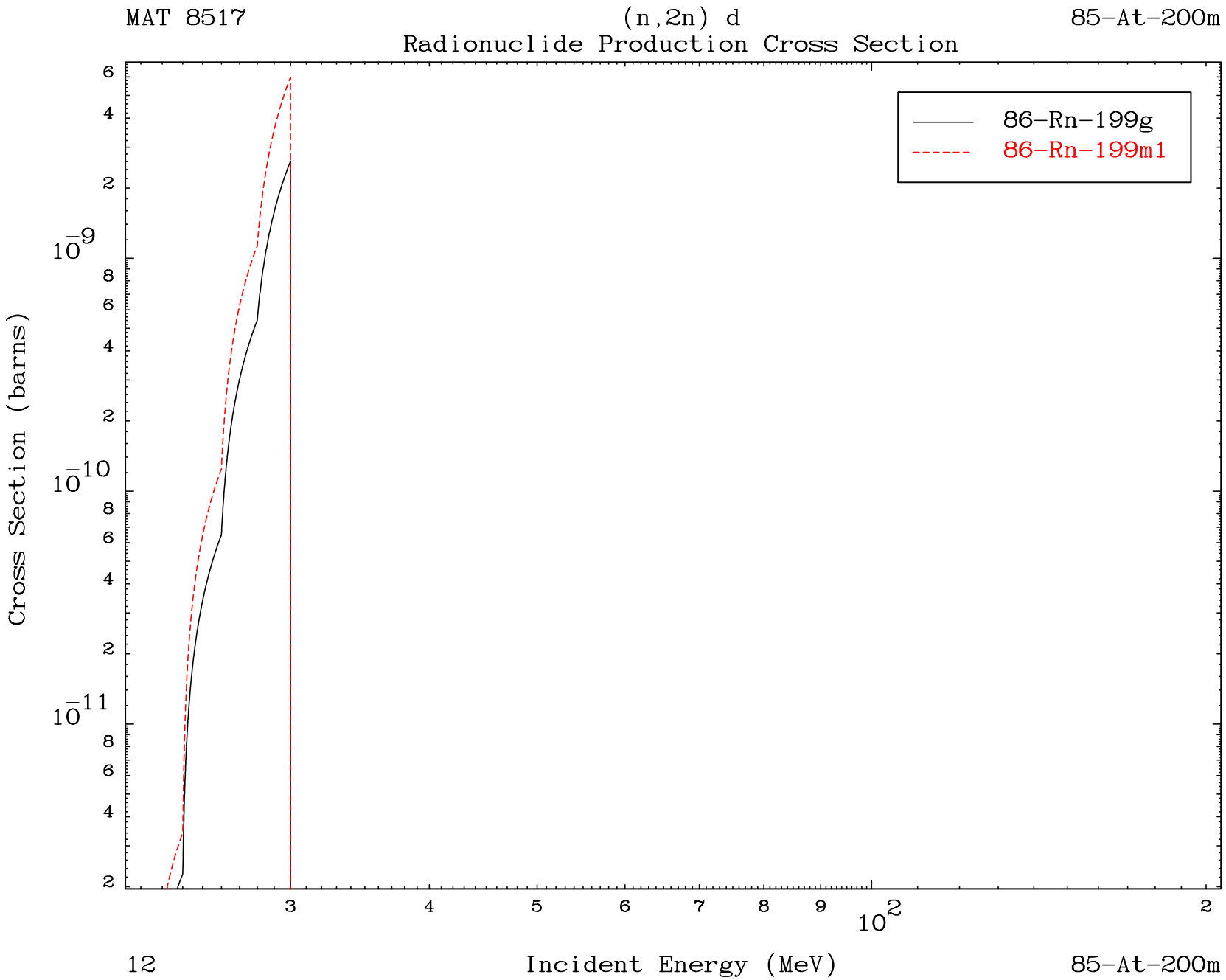

MAT 8517
(He-3,p) Levels
0 Kelvin Cross Sections
85-At-200m
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
85-At-200m

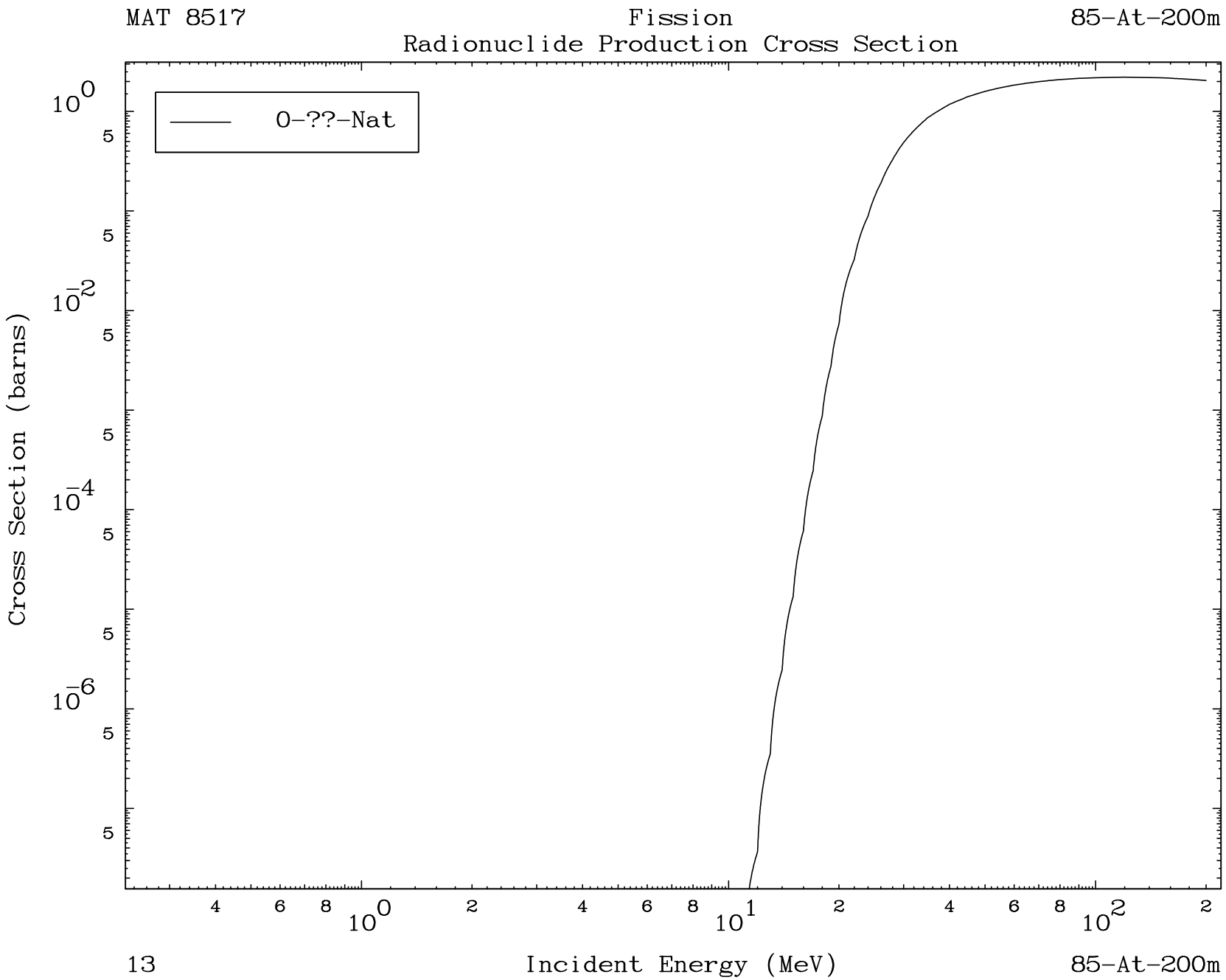

MAT 8517
(He-3,d) Levels
85-At-200m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-200m

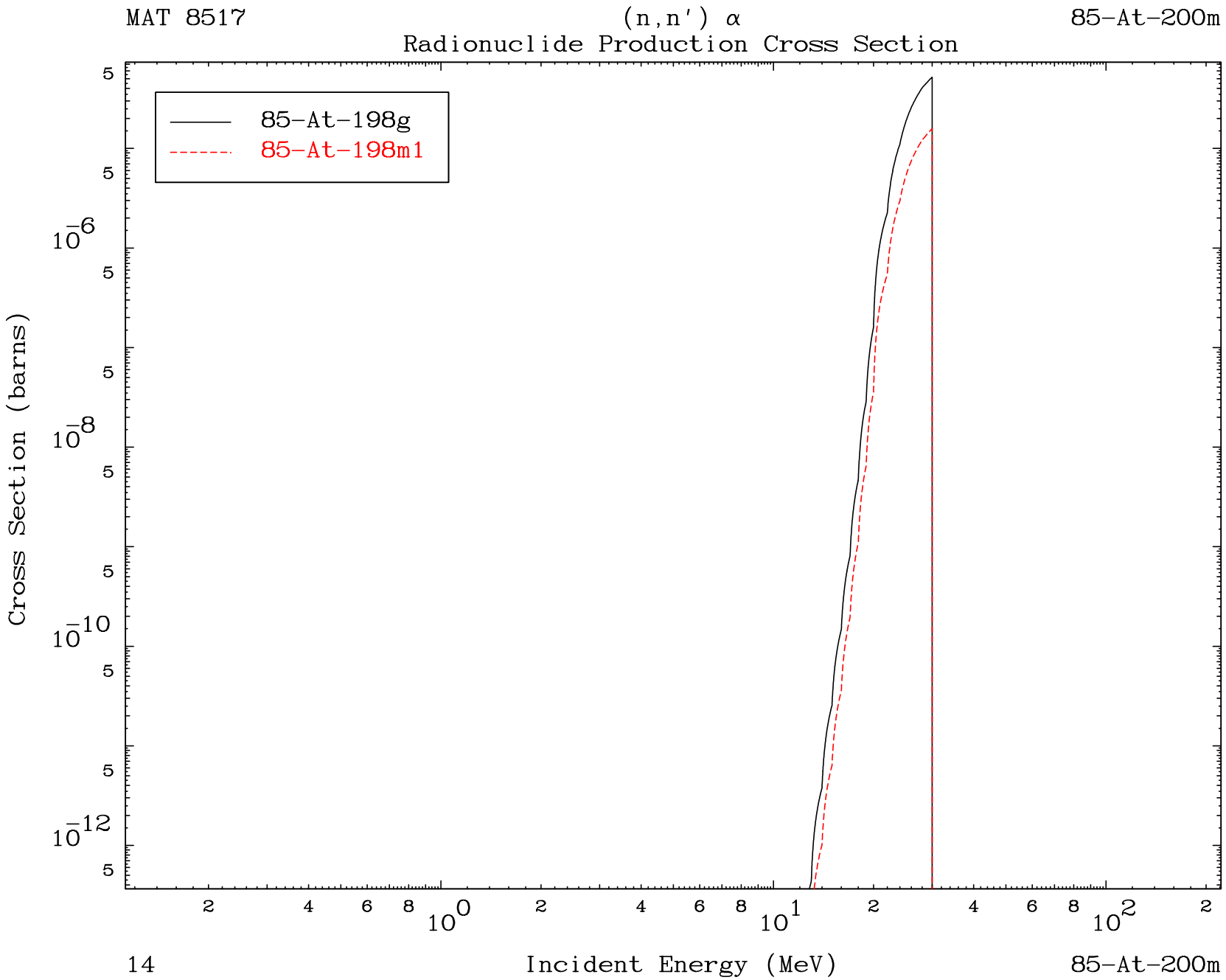

MAT 8517
(He-3,t) Levels
85-At-200m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
5
5
5
5
5
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
85-At-200m

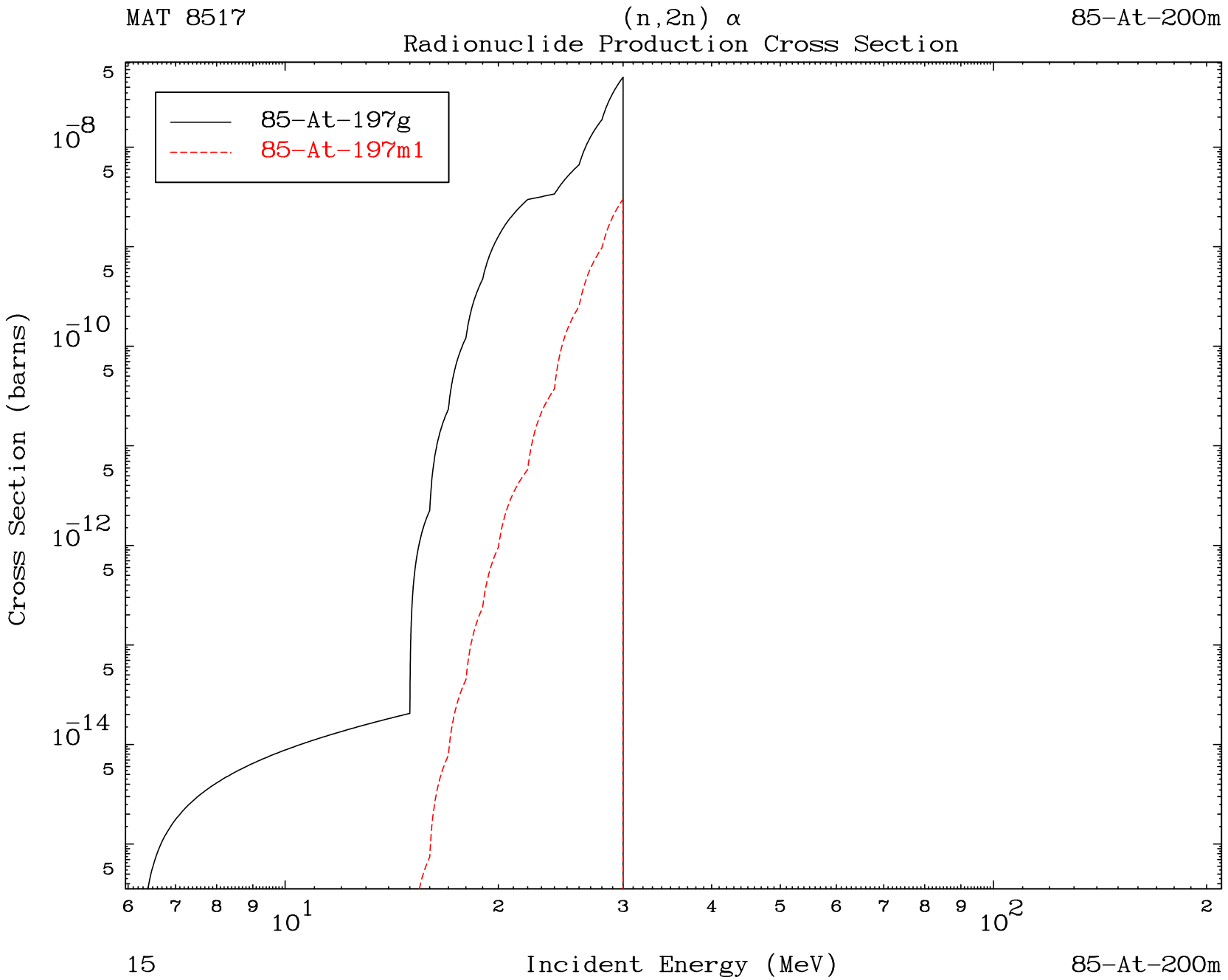

MAT 8517
(He-3,He3) Levels
85-At-200m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
85-At-200m

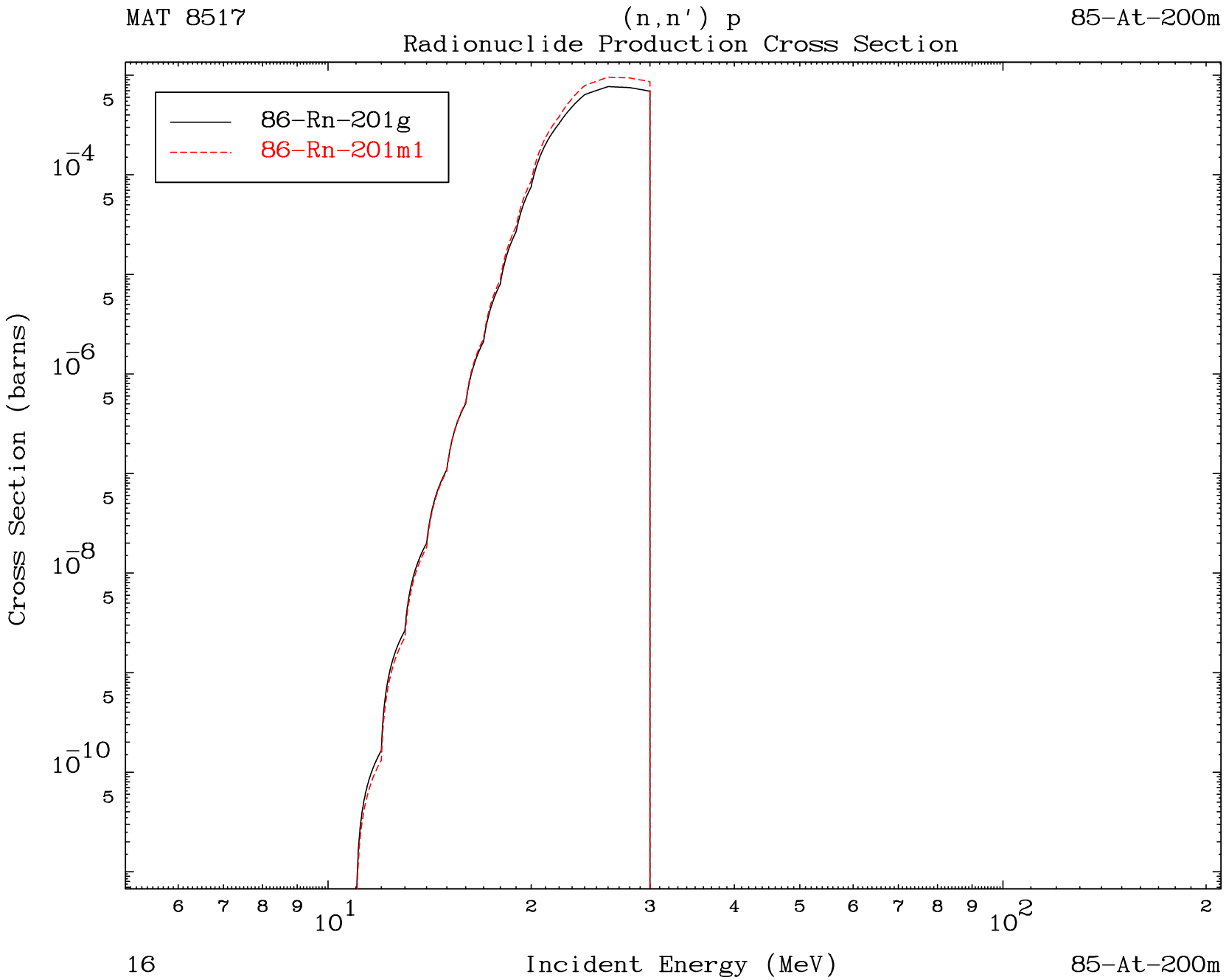

MAT 8517
(He-3,α) Levels
0 Kelvin Cross Sections
85-At-200m
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
85-At-200m

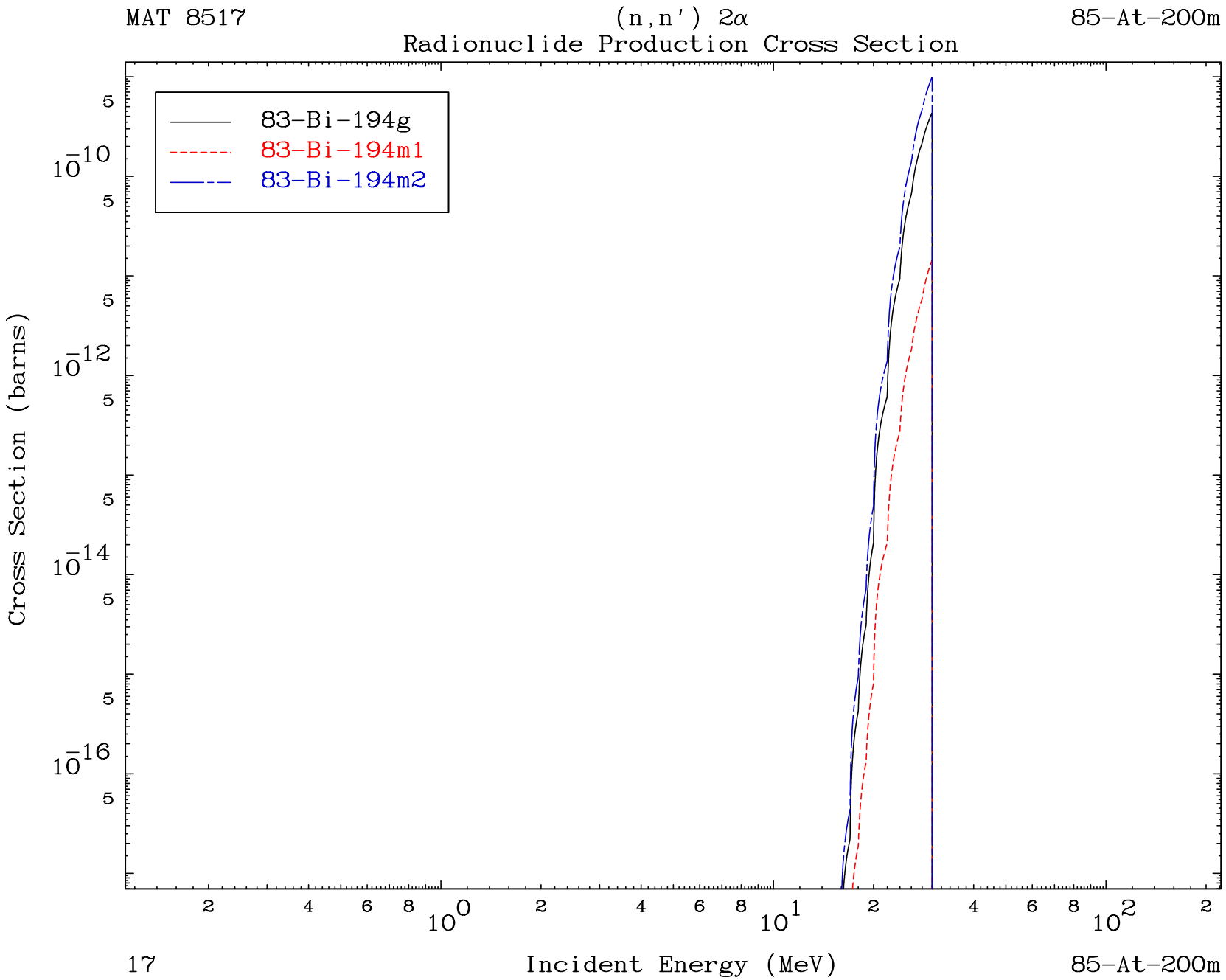

MAT 8517
(n,2n) d
85-At-200m
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
12
85-At-200m

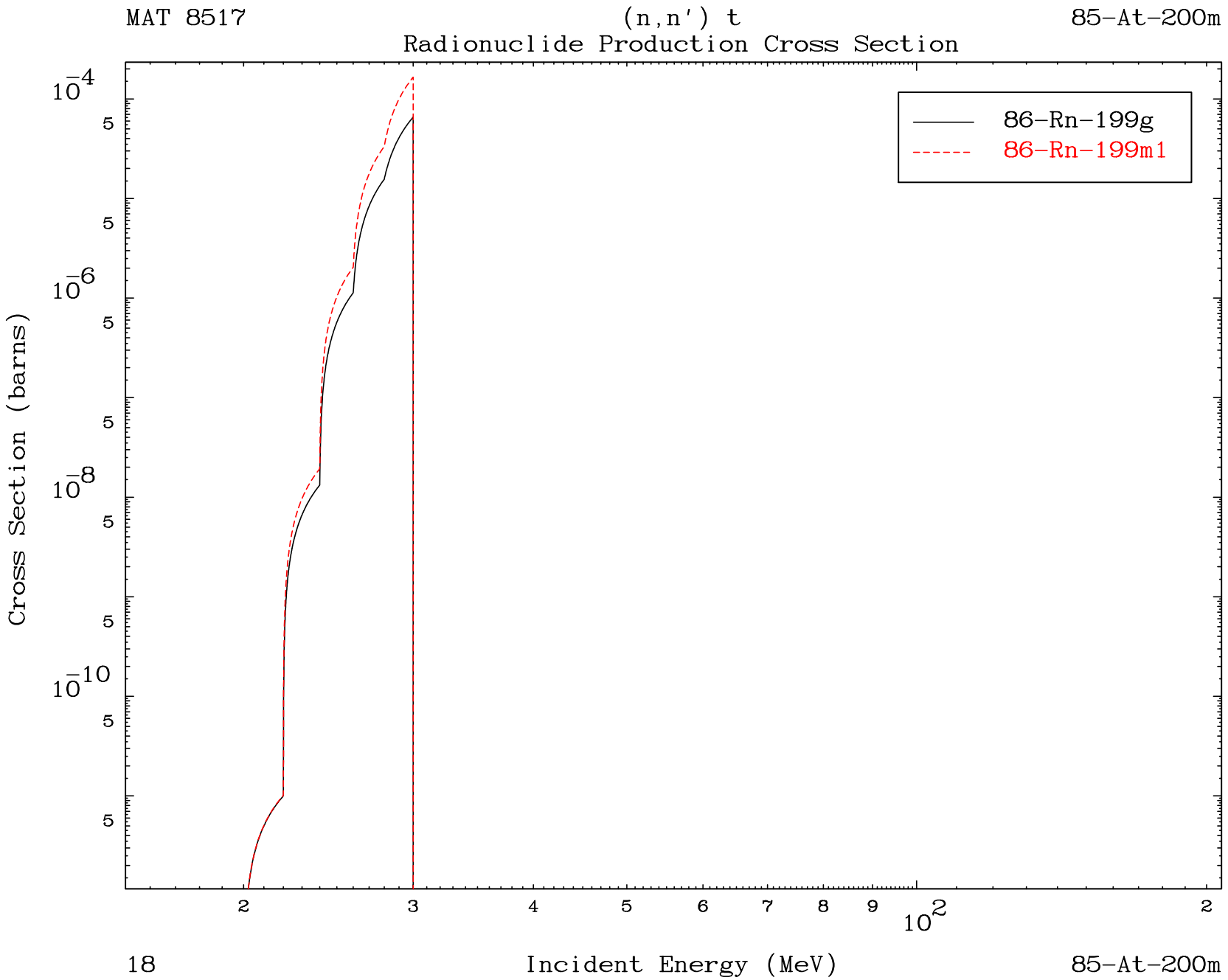

MAT 8517
Fission
85-At-200m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
85-At-200m

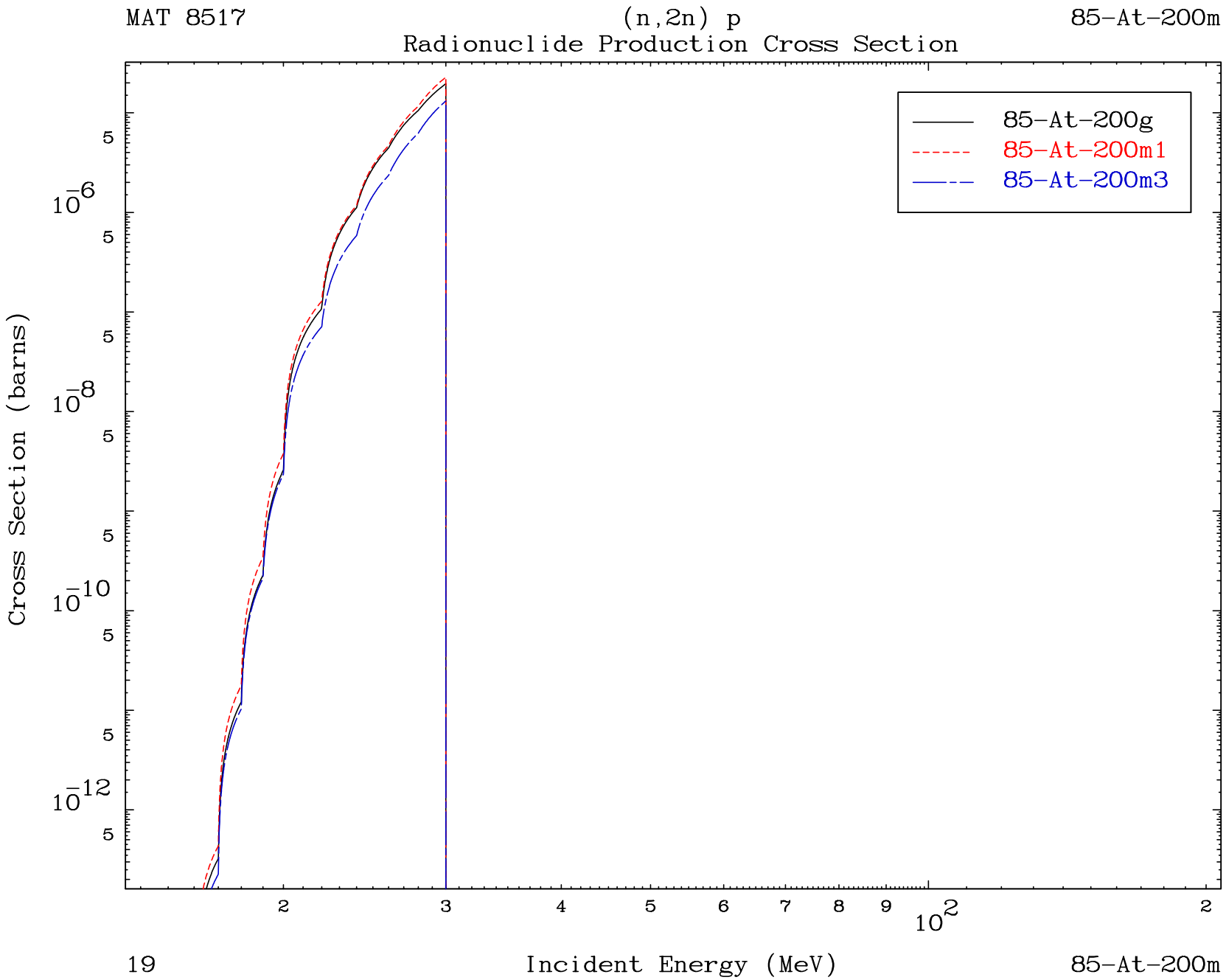

MAT 8517
(n,n') α
85-At-200m
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
14
85-At-200m

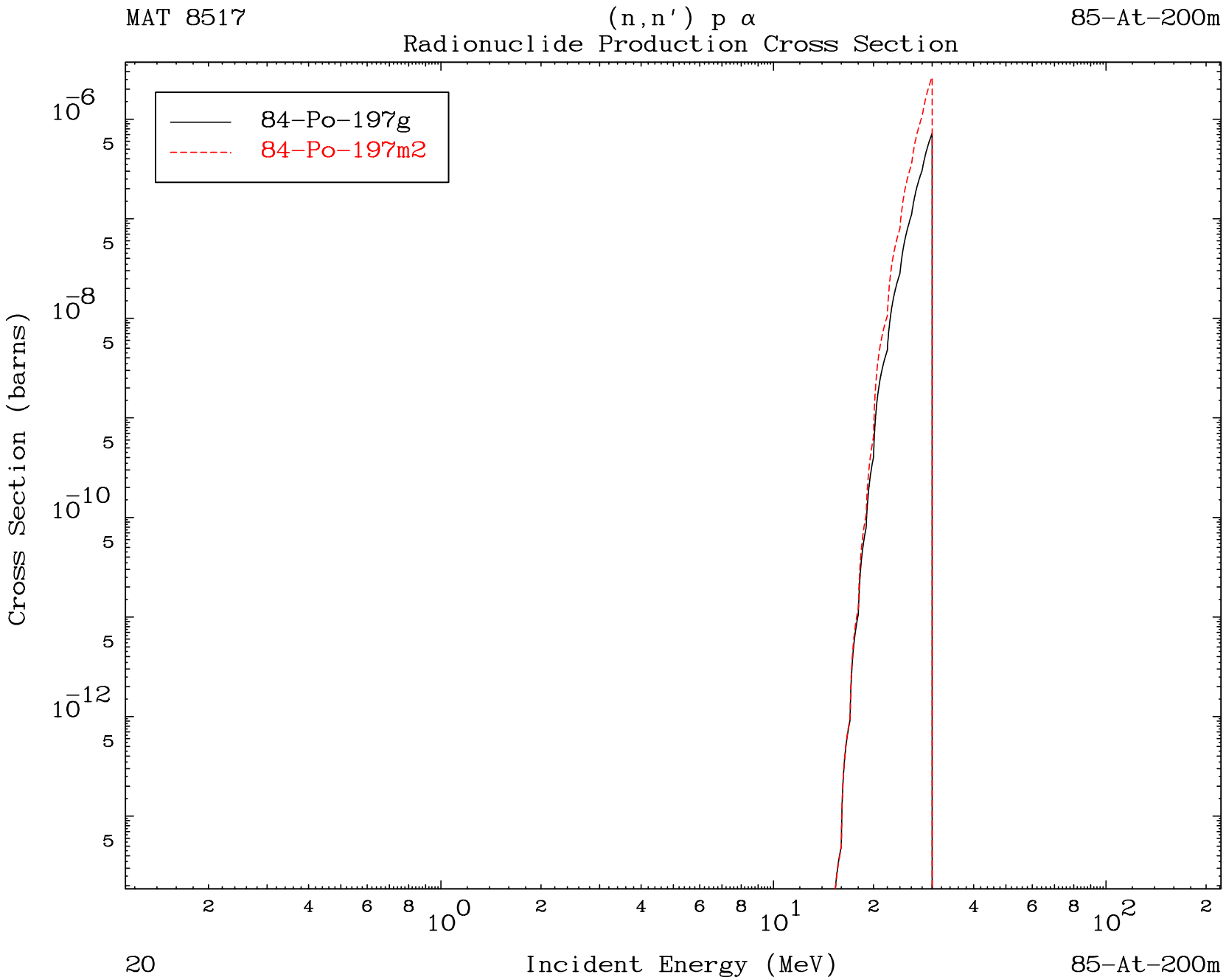

MAT 8517
(n,2n) α
85-At-200m
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
Incident Energy (MeV)
15
85-At-200m

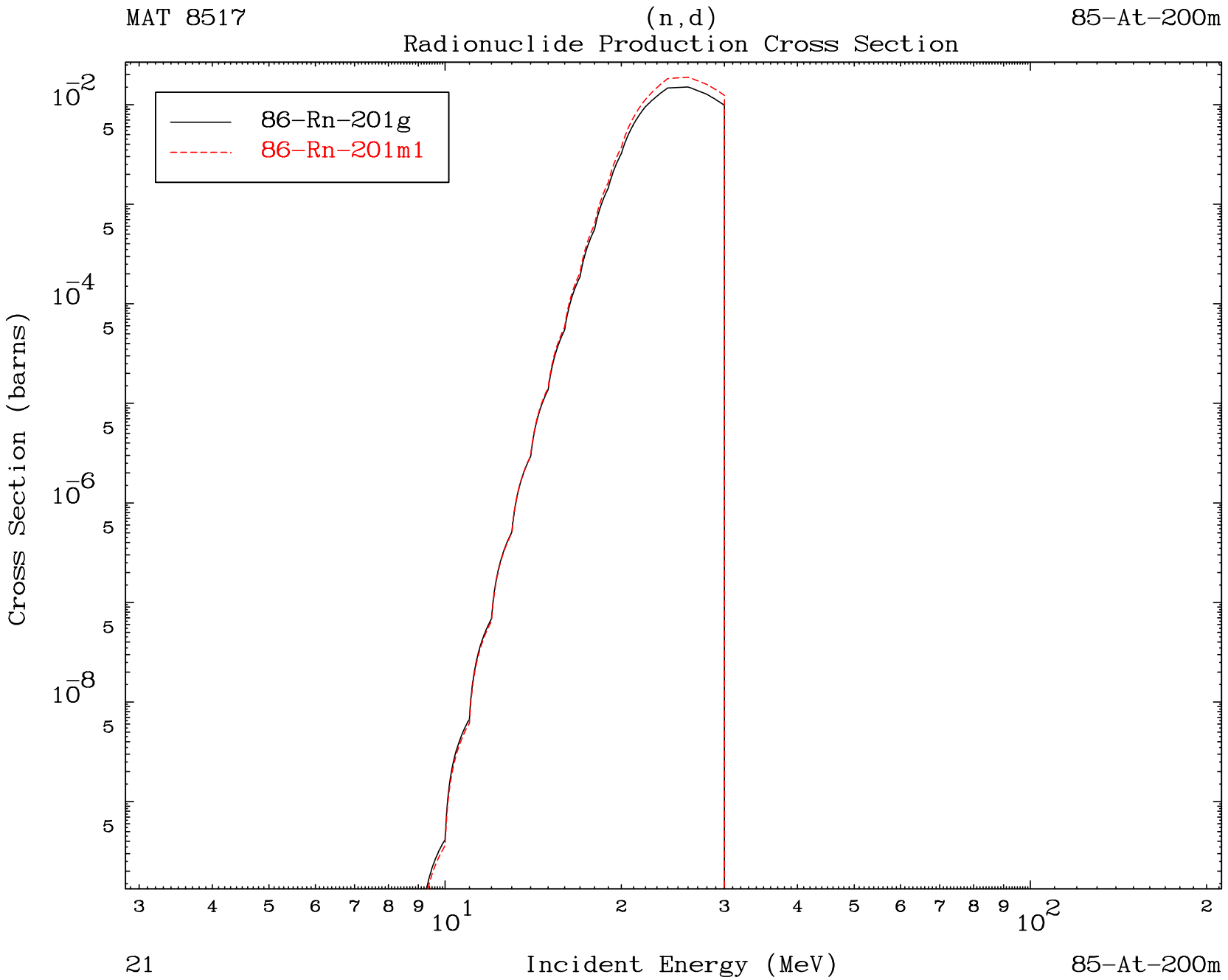

MAT 8517
(n,n') p
85-At-200m
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
16
85-At-200m

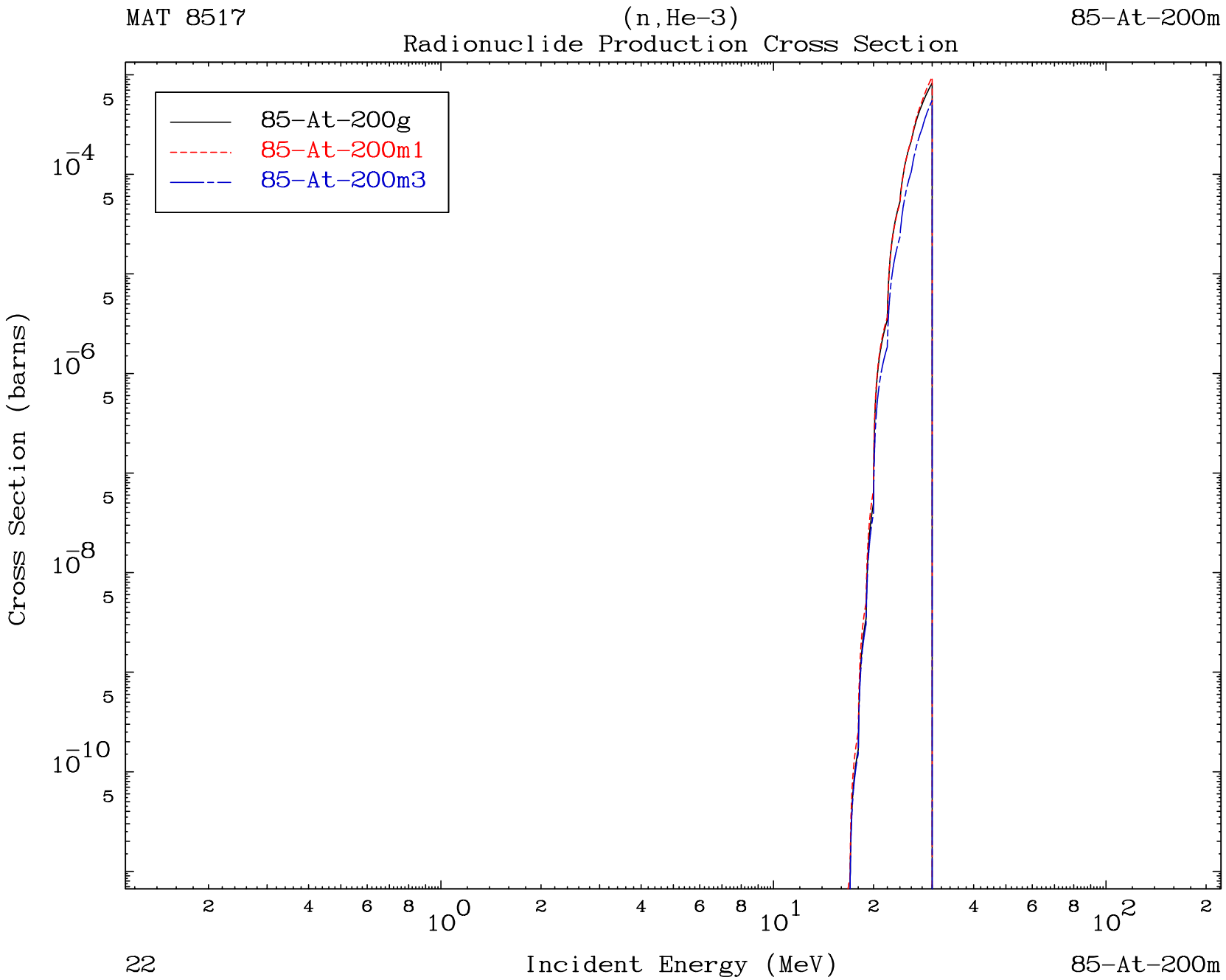

MAT 8517
(n,n') 2α
85-At-200m
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
17
85-At-200m

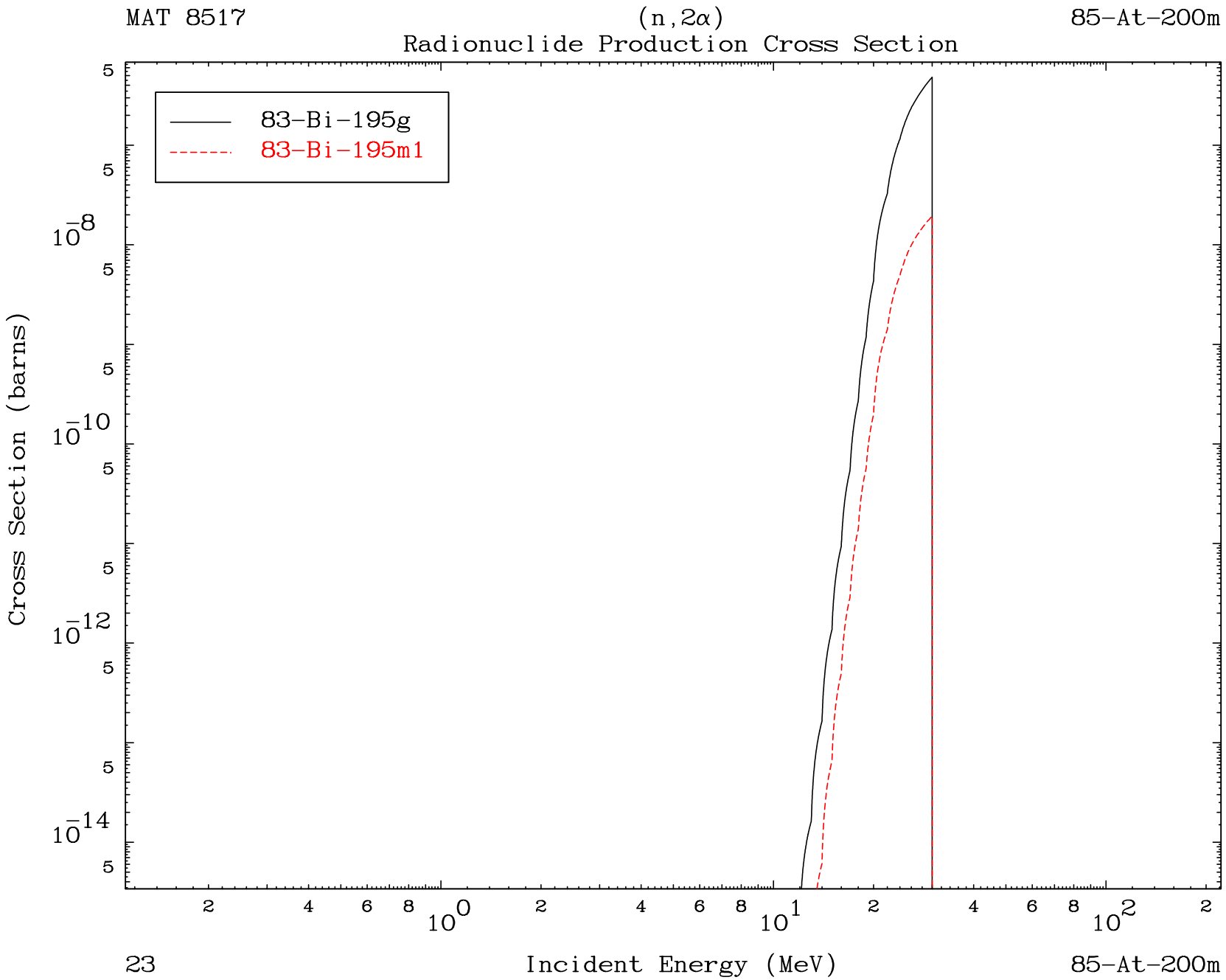

MAT 8517
(n,n') t
85-At-200m
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
18
85-At-200m

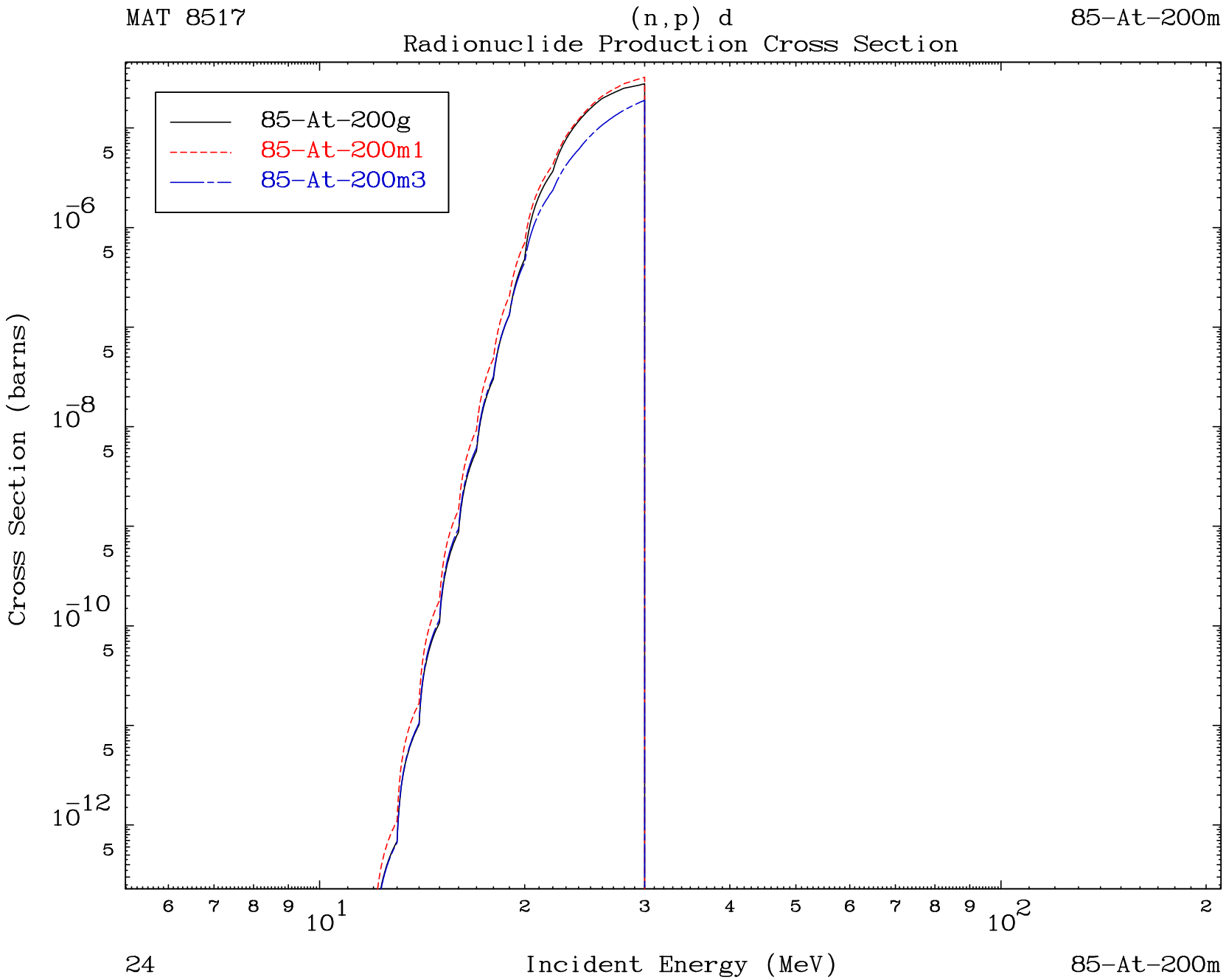

MAT 8517
(n,2n) p
85-At-200m
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
85-At-200m

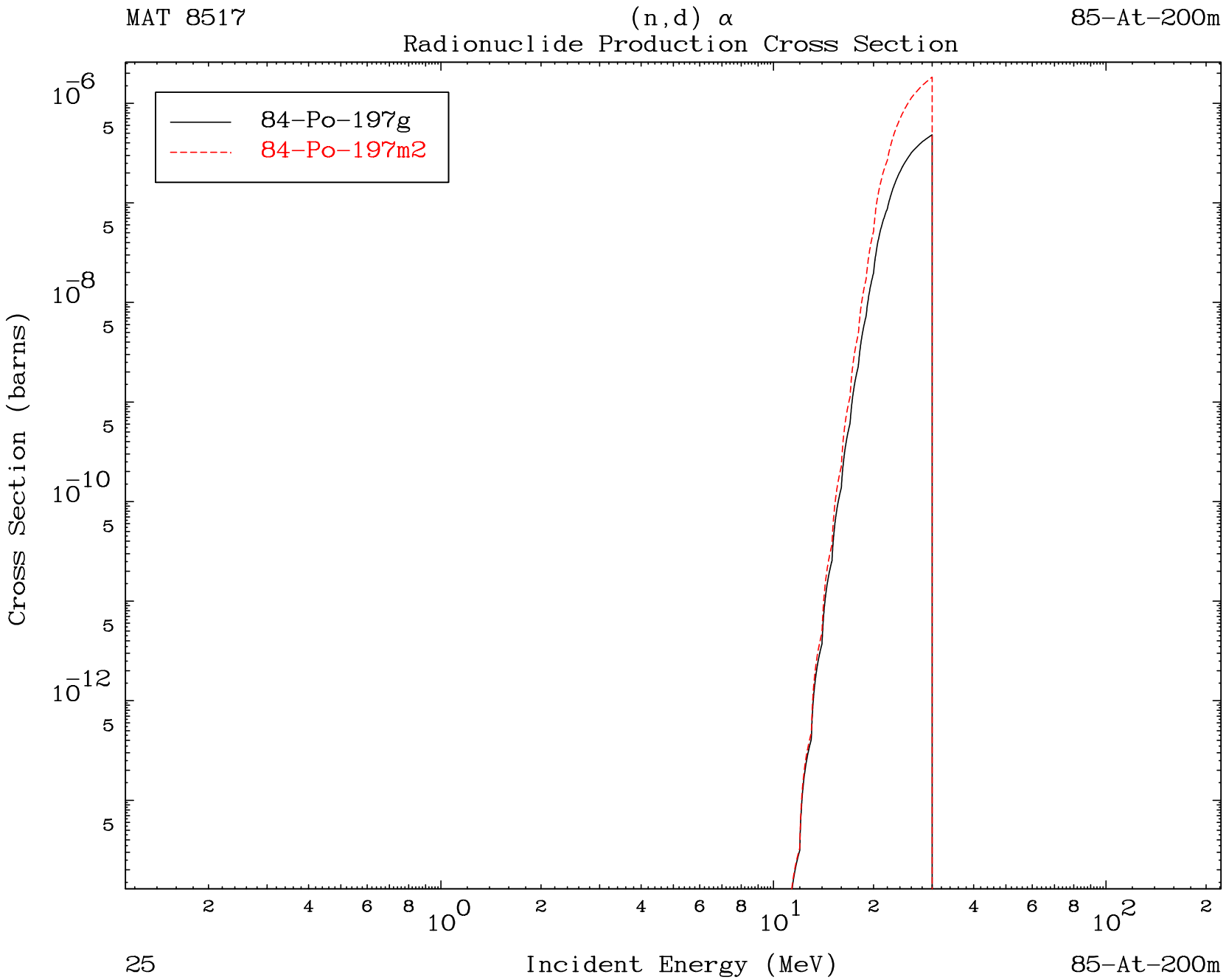

MAT 8517
(n,n') p α
85-At-200m
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^0
10^1
10^2
2
4
6
8
20
Incident Energy (MeV)
85-At-200m


MAT 8517
(n,d)
85-At-200m
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
21
85-At-200m


MAT 8517
(n,He-3)
85-At-200m
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
22
85-At-200m


MAT 8517
(n,2α)
85-At-200m
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
23
85-At-200m


MAT 8517
(n,p) d
85-At-200m
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
24
85-At-200m


MAT 8517
(n,d) α
85-At-200m
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
25
85-At-200m