Program EVALPLOT
(Version 2018-1)
by
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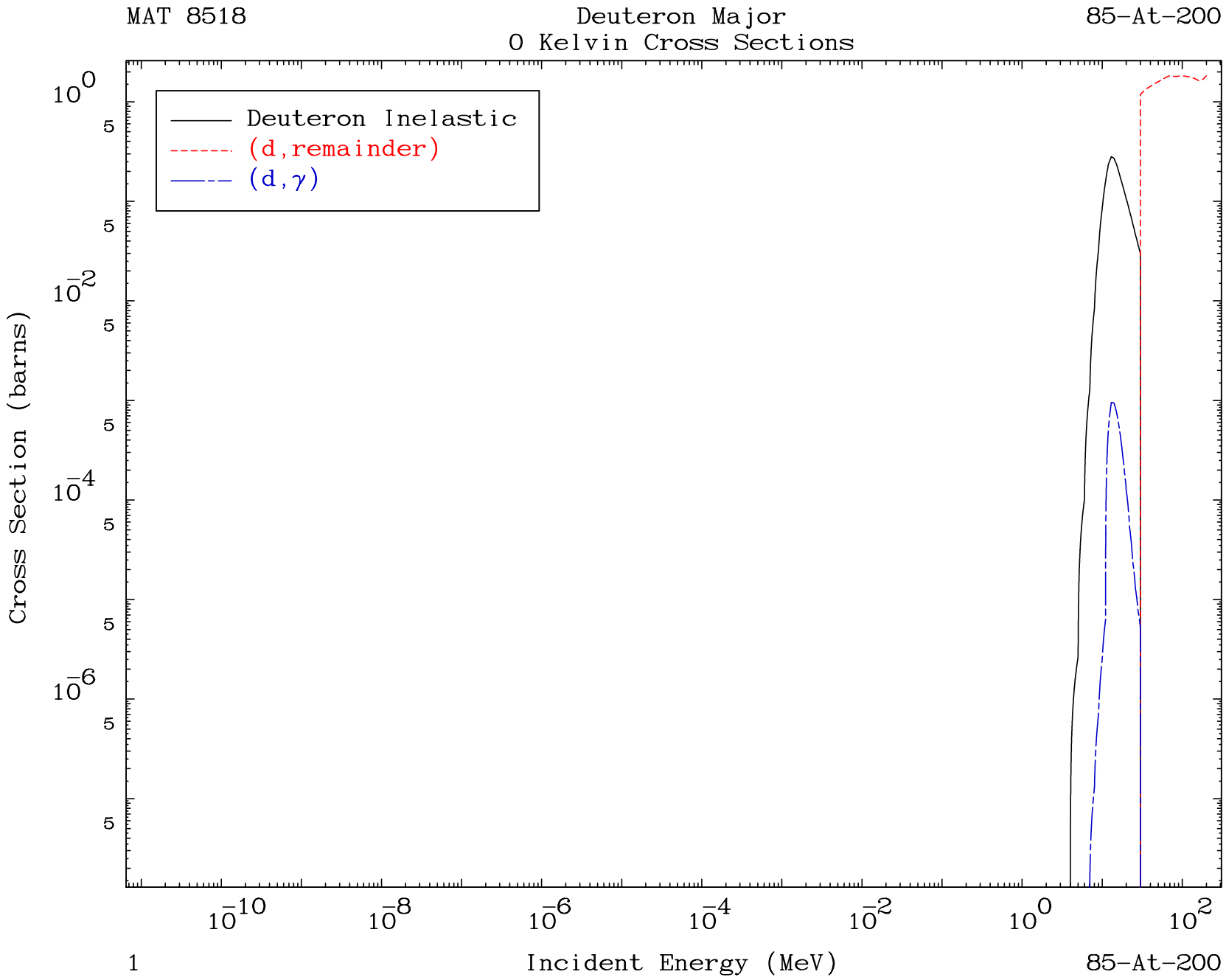
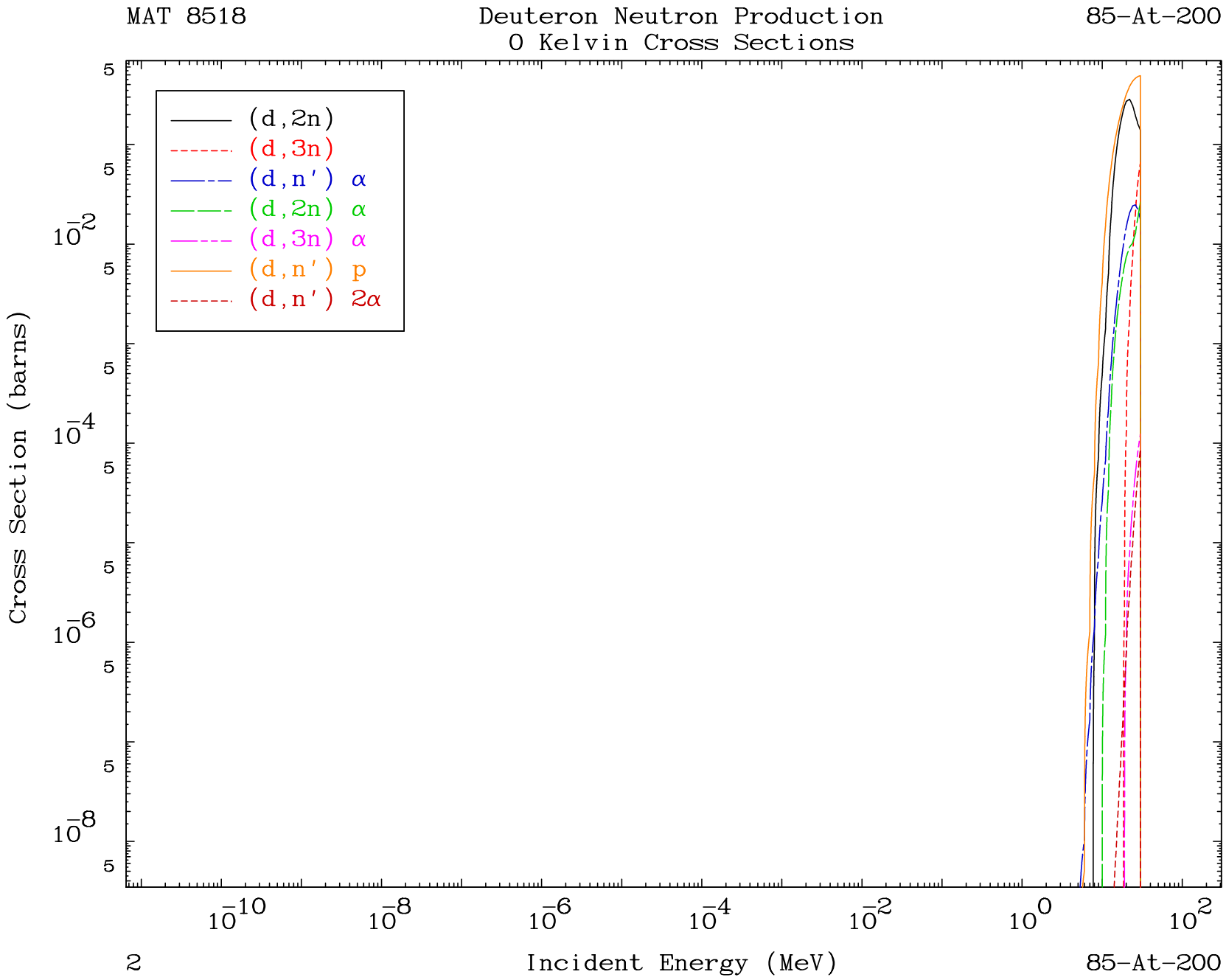
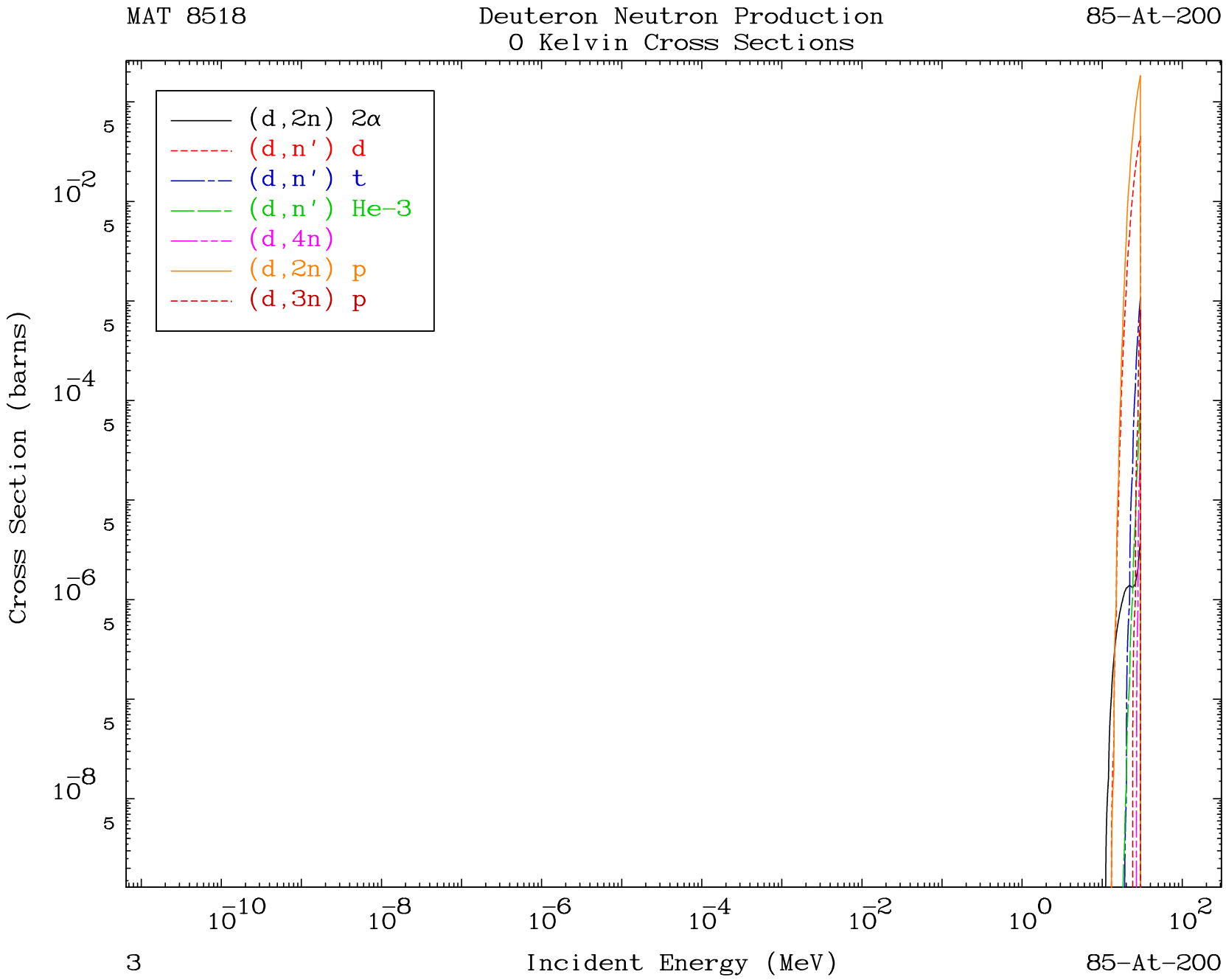
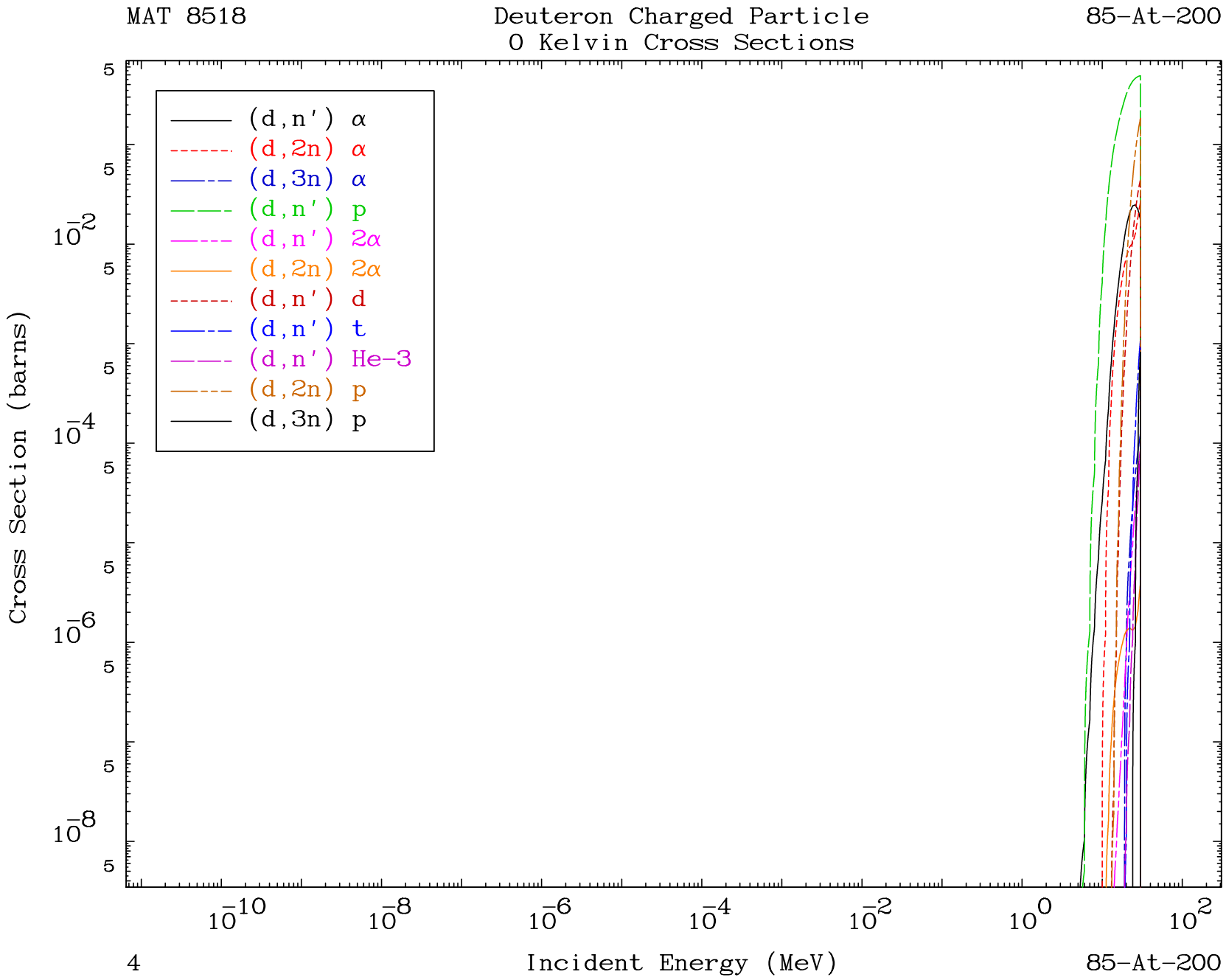
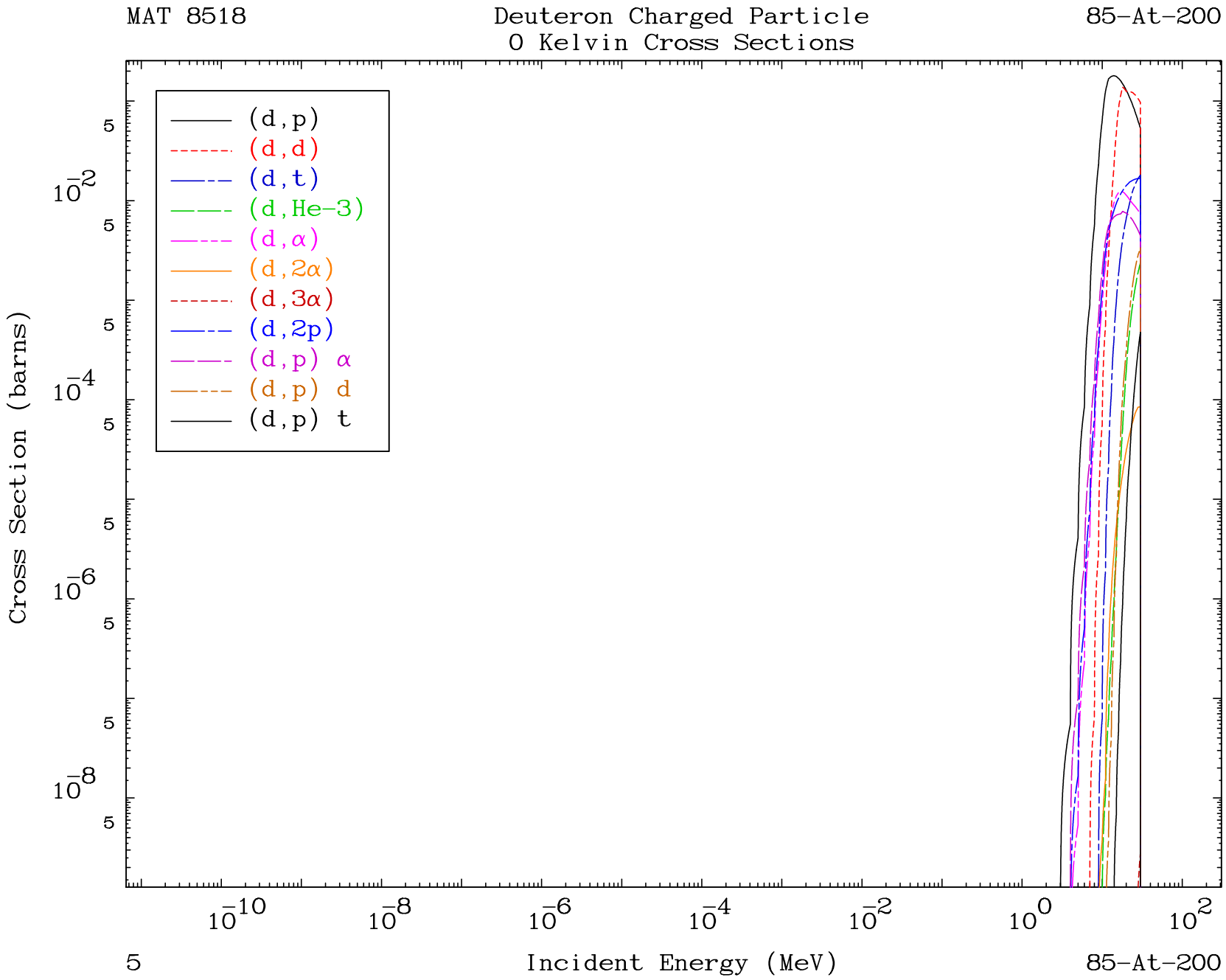
Press Mouse Button to Start

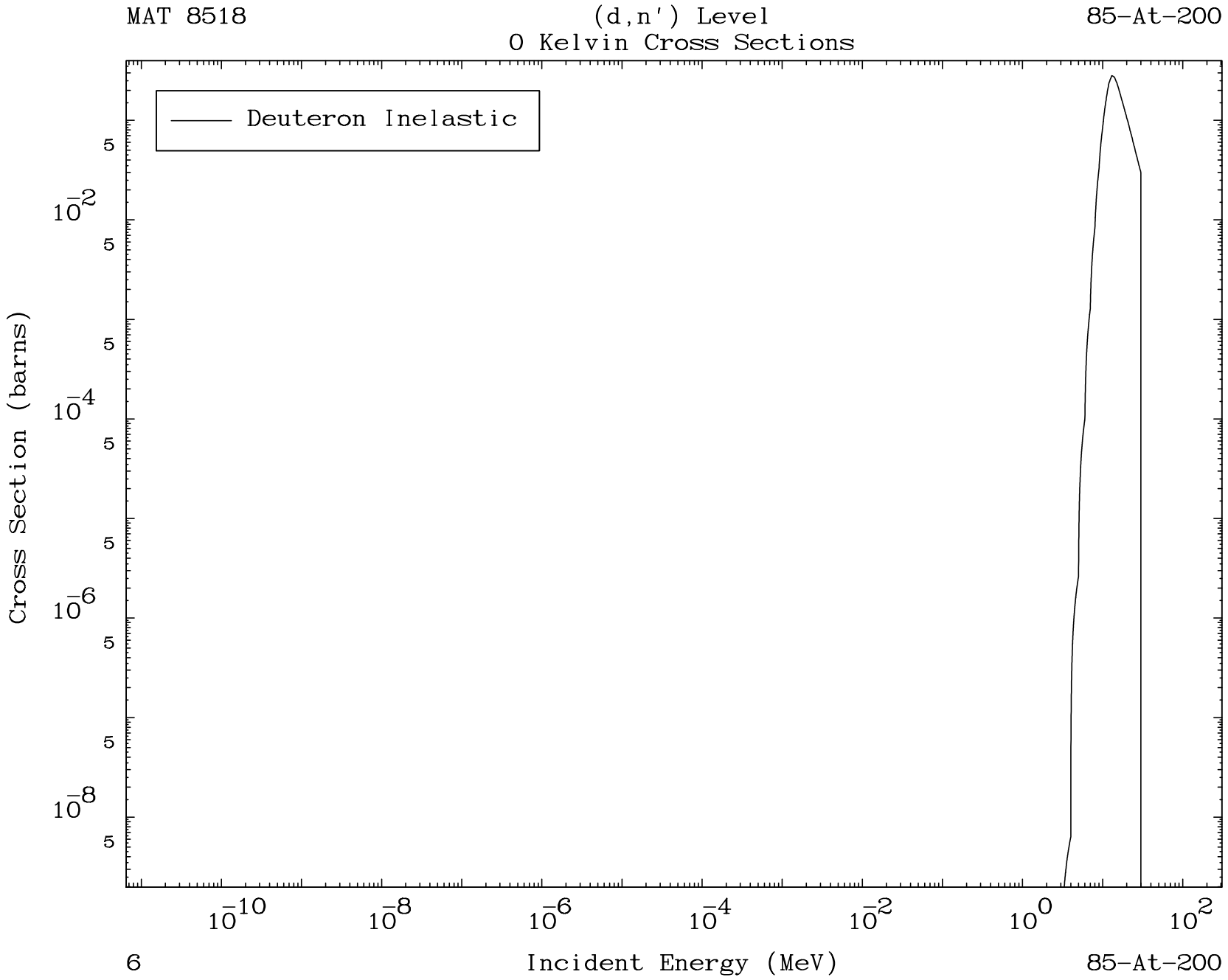

MAT 8518
Deuteron Major
85-At-200
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-200
1

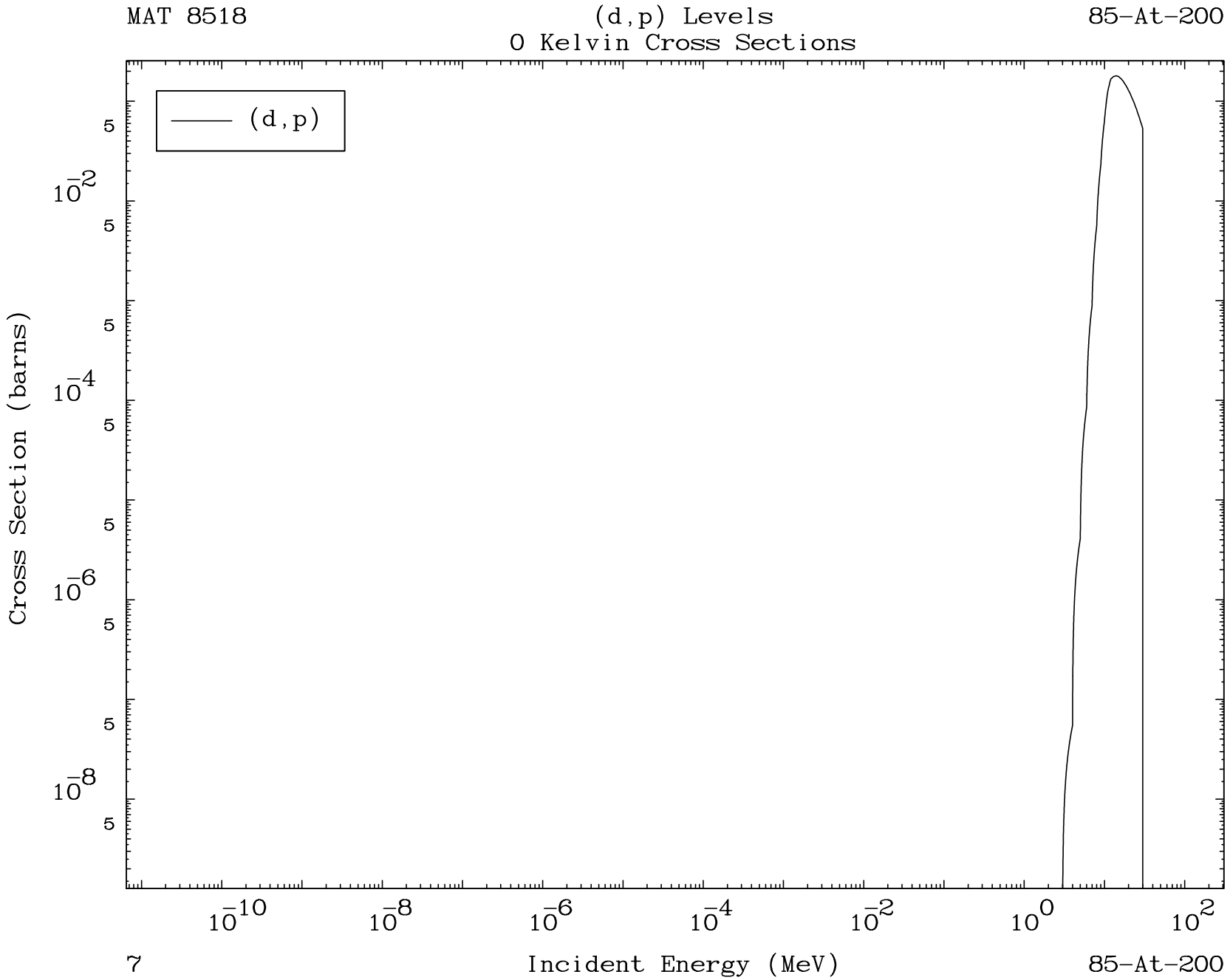

MAT 8518
Deuteron Neutron Production
0 Kelvin Cross Sections
85-At-200
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
85-At-200

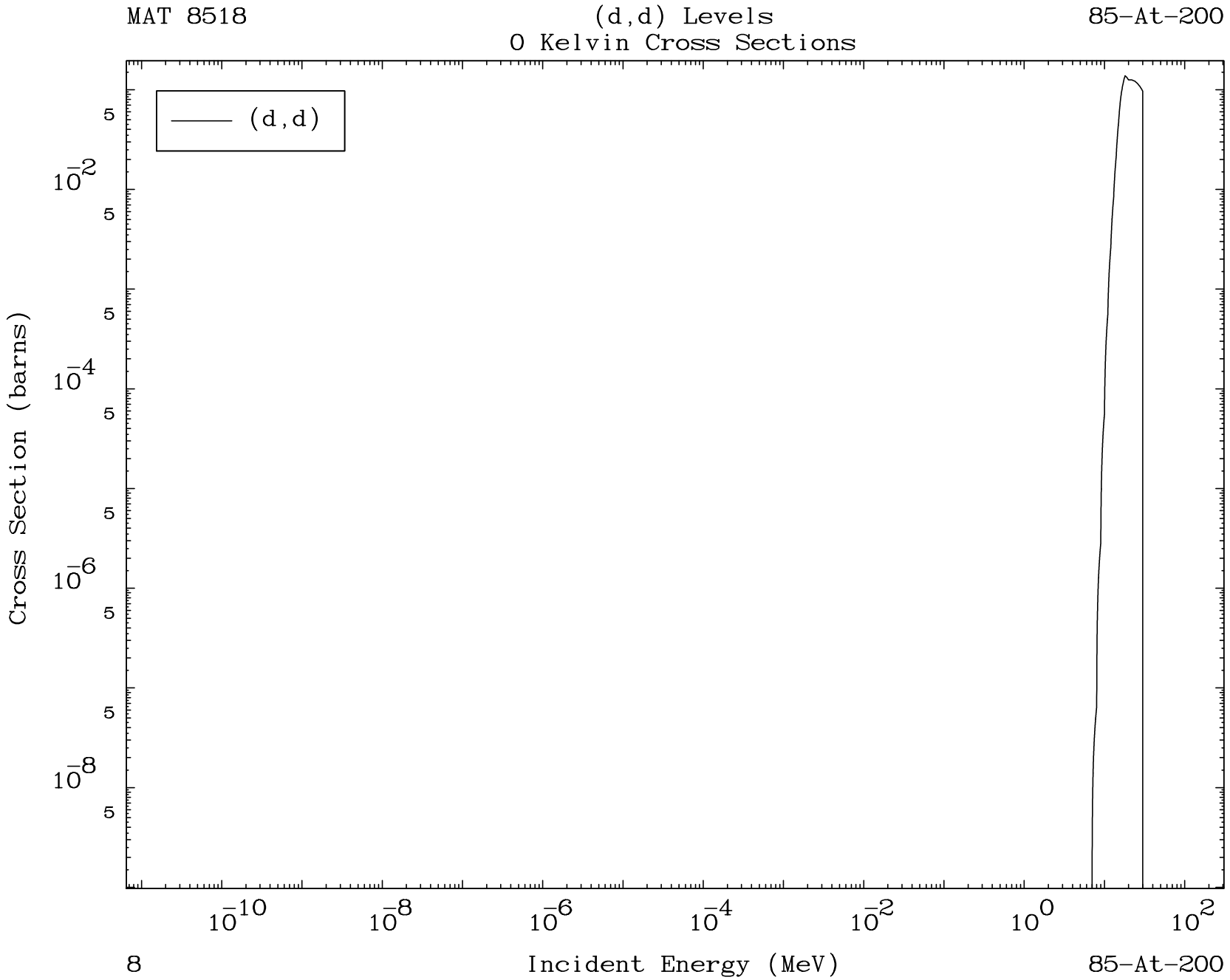

MAT 8518
Deuteron Neutron Production
0 Kelvin Cross Sections
85-At-200
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
85-At-200

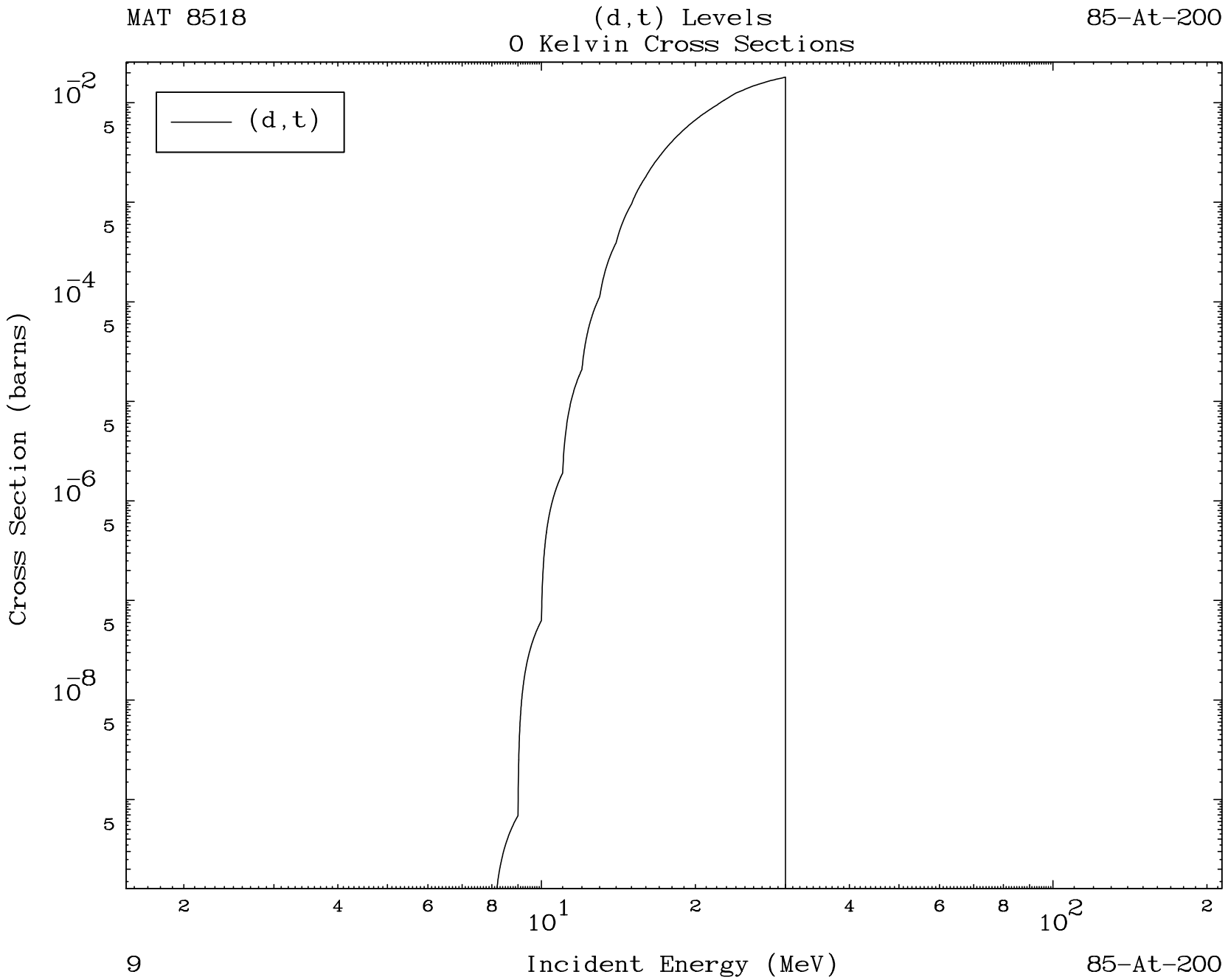

MAT 8518
Deuteron Charged Particle
0 Kelvin Cross Sections
85-At-200
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
85-At-200

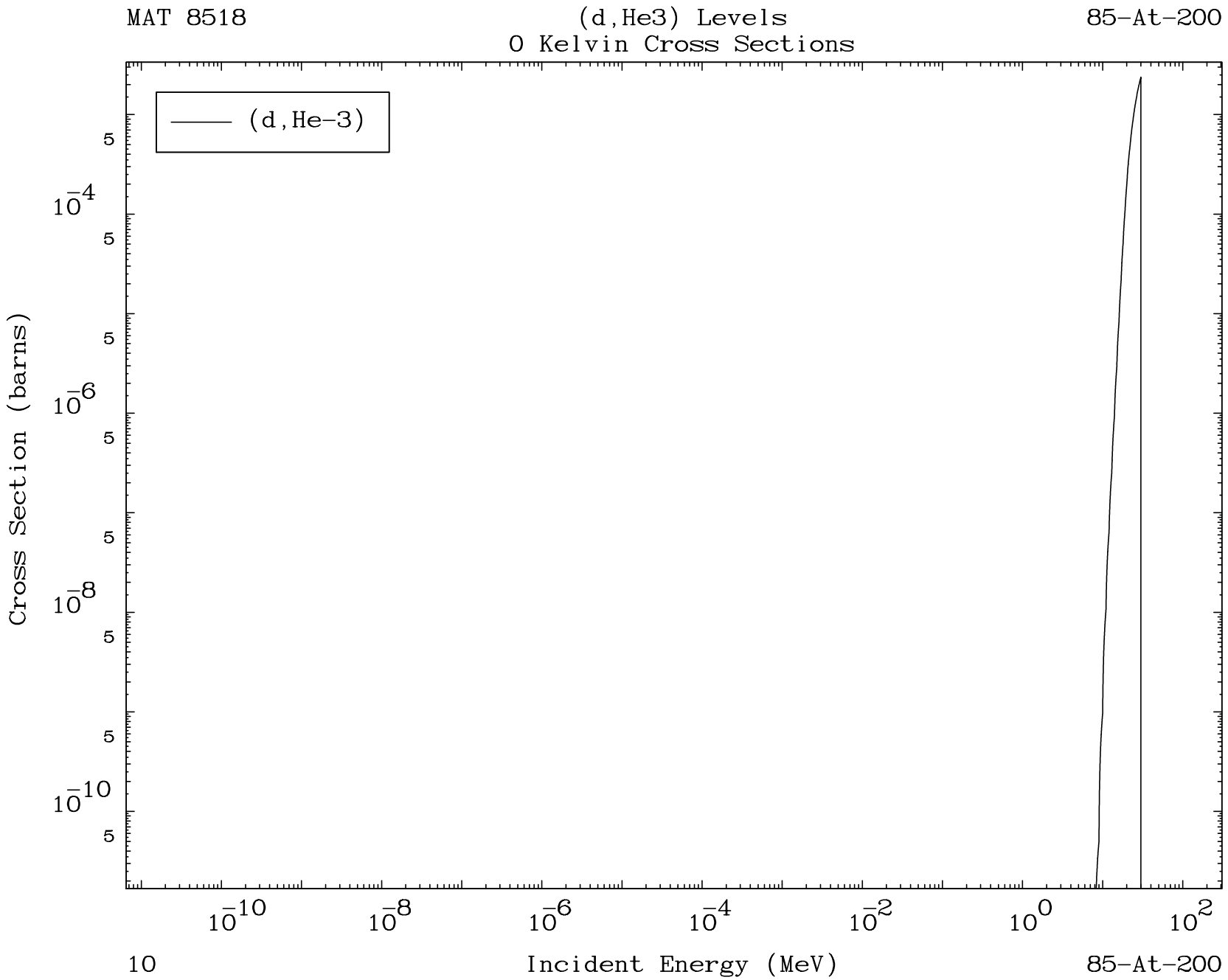

MAT 8518
Deuteron Charged Particle
0 Kelvin Cross Sections
85-At-200
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
85-At-200

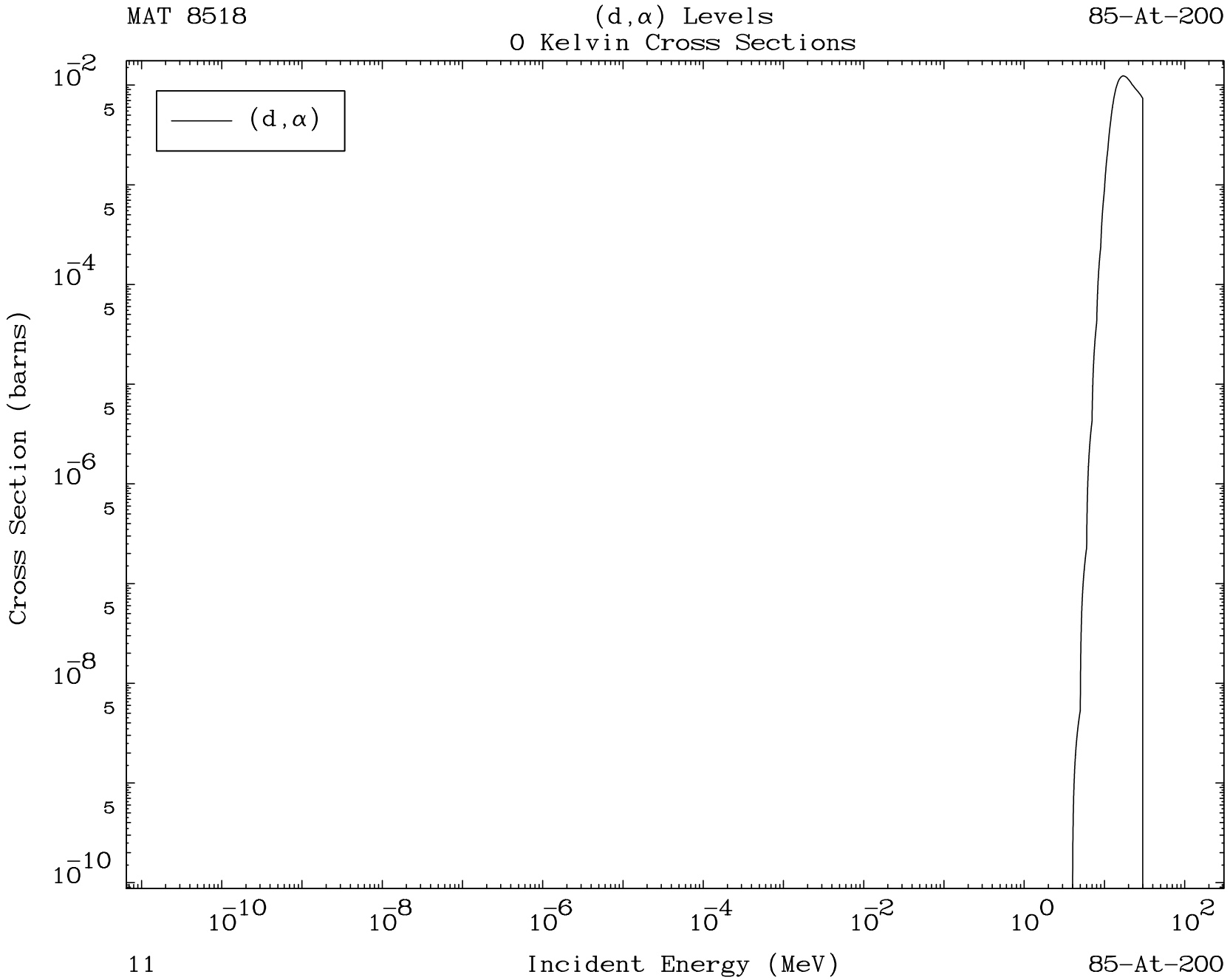

MAT 8518
(d,n') Level
85-At-200
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
6
85-At-200

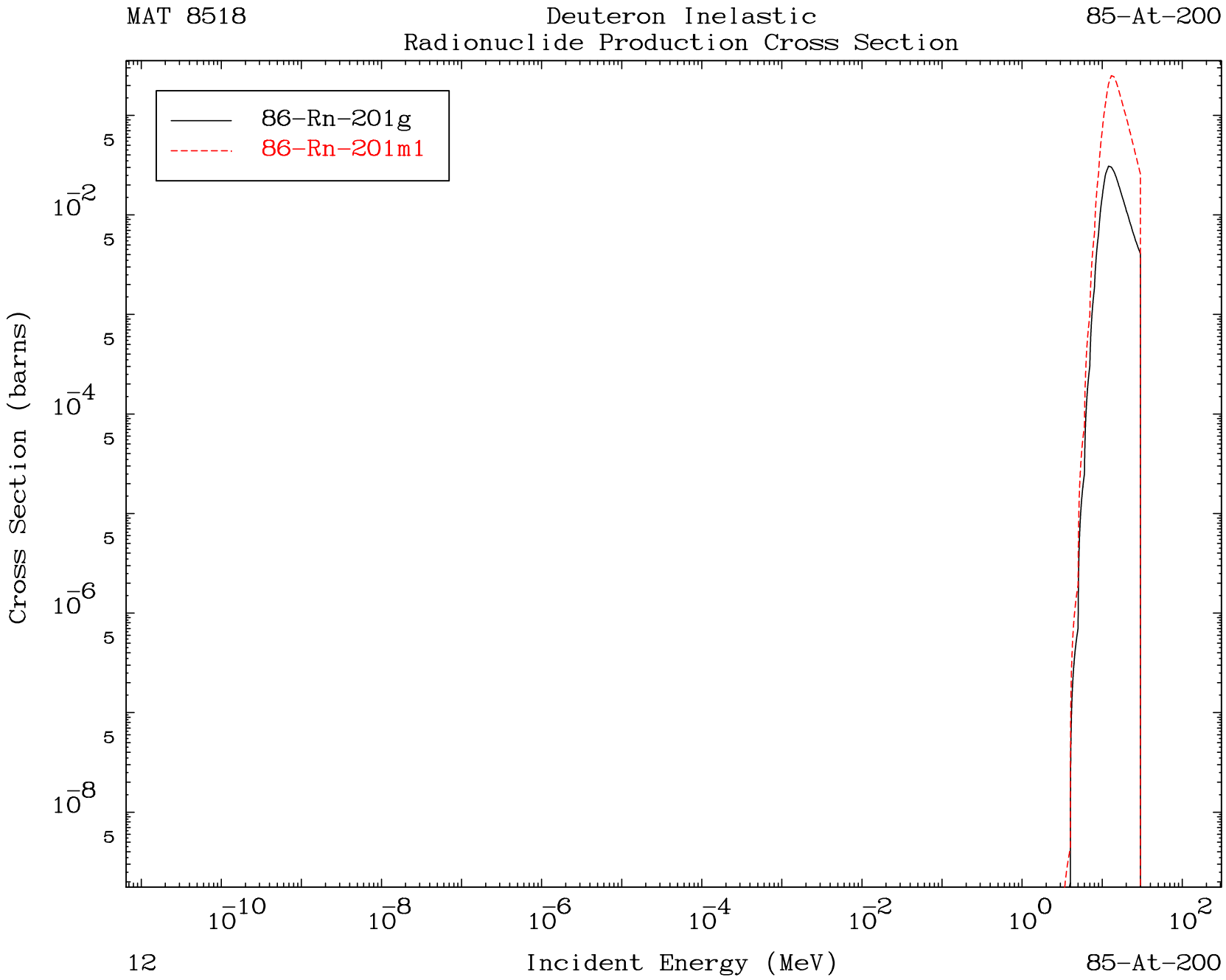

MAT 8518
(d,p) Levels
85-At-200
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
85-At-200

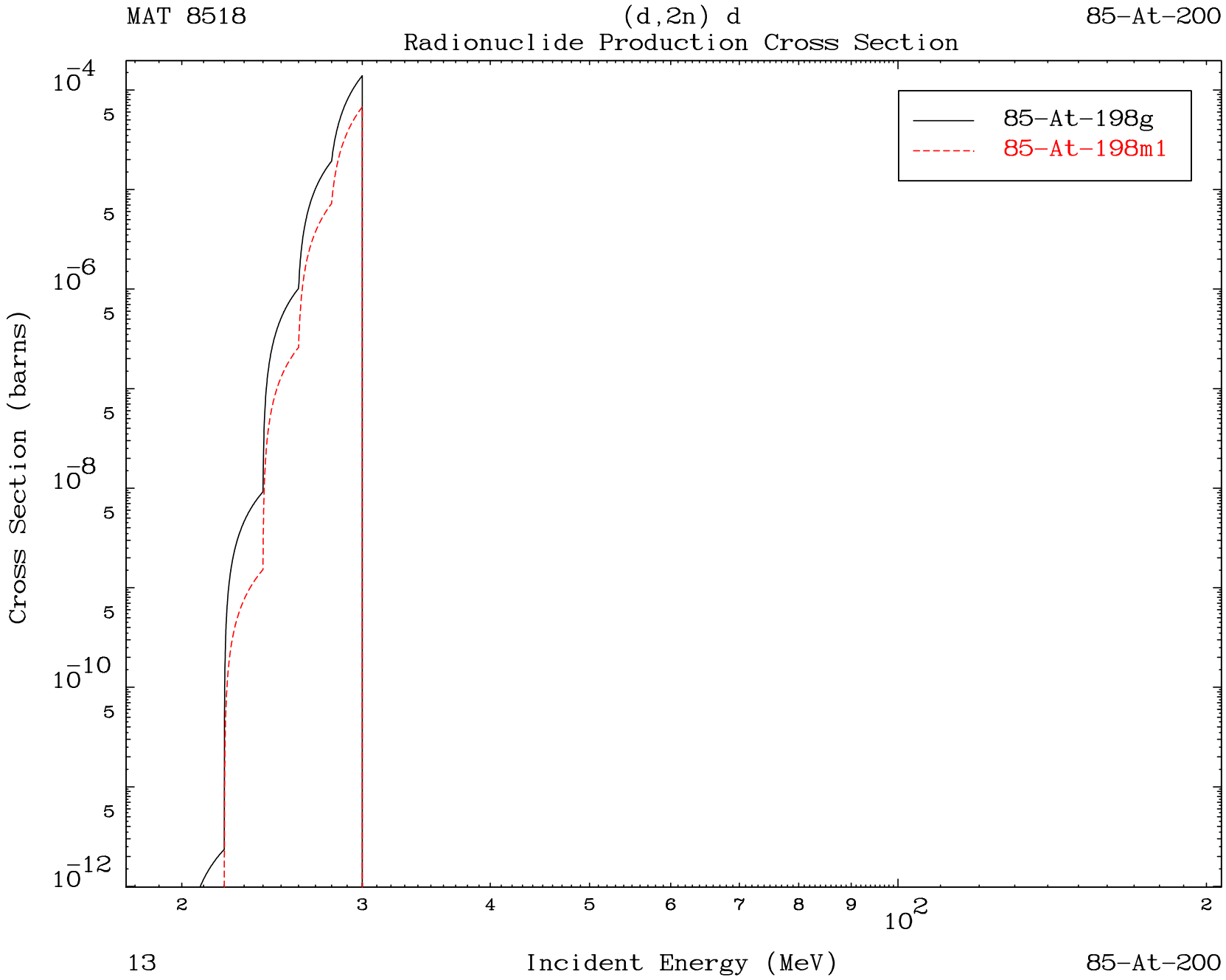

MAT 8518
(d,d) Levels
85-At-200
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-200

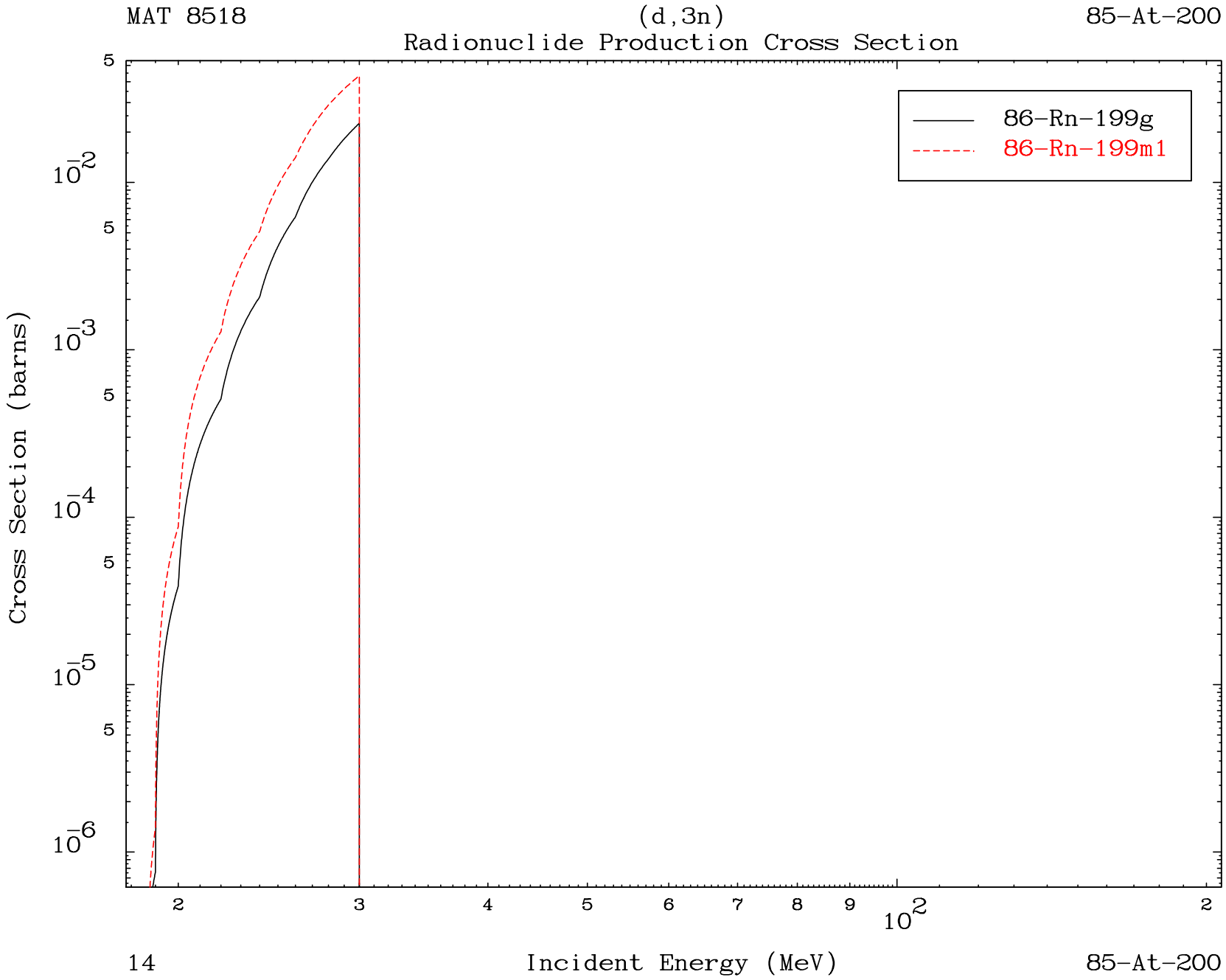

MAT 8518
(d,t) Levels
85-At-200
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
9
85-At-200

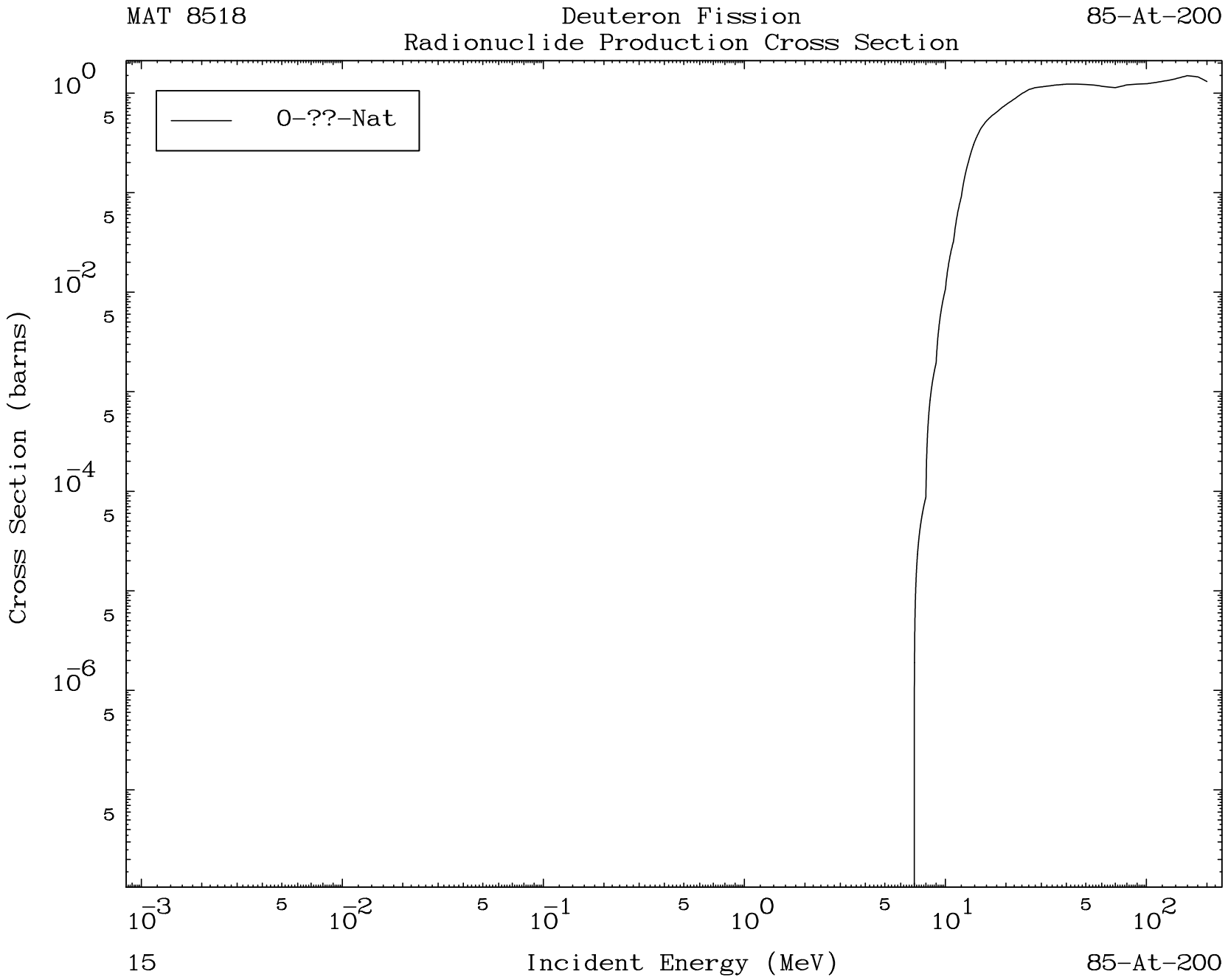

MAT 8518
(d,He3) Levels
85-At-200
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
85-At-200

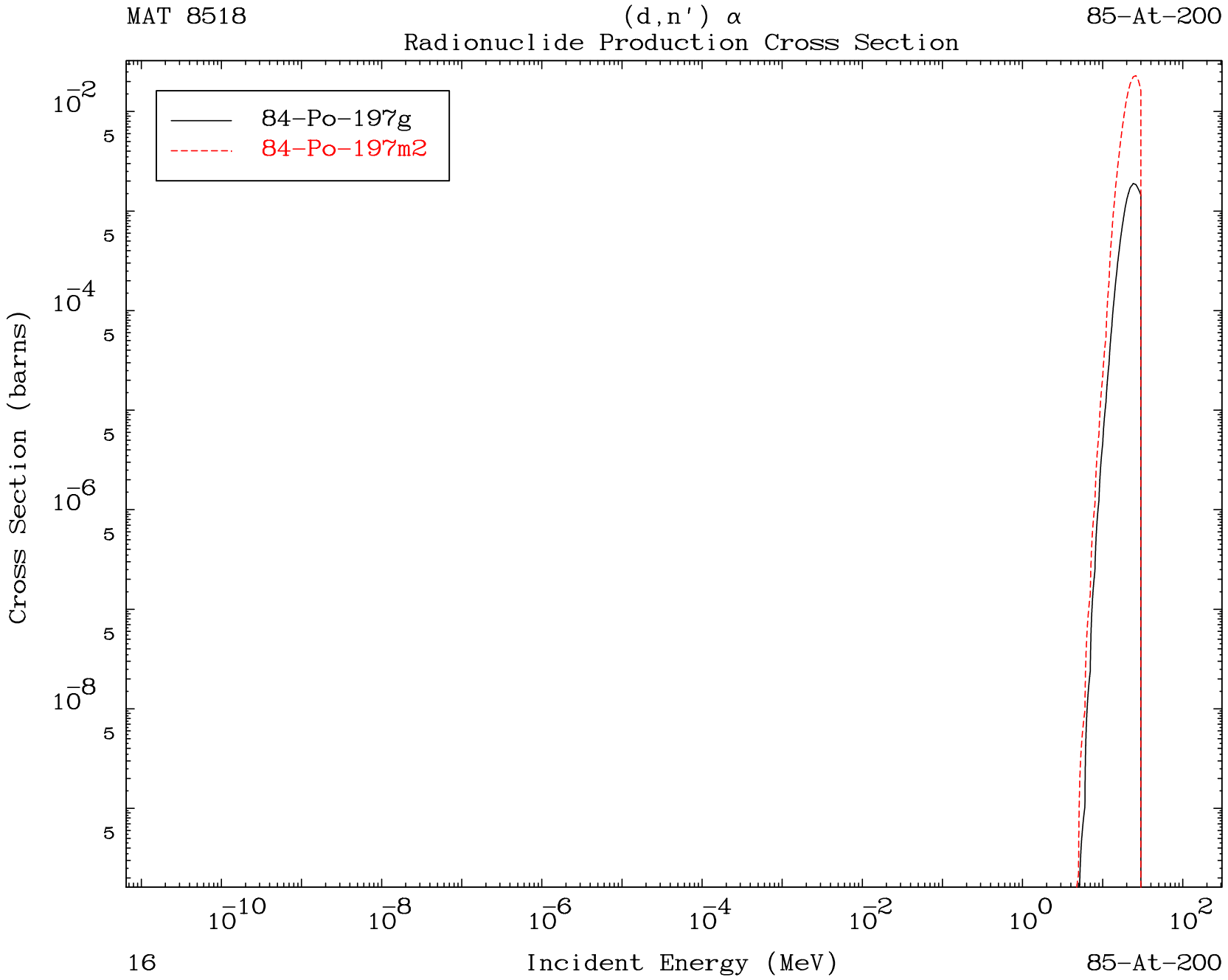

MAT 8518
(d,α) Levels
85-At-200
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
85-At-200

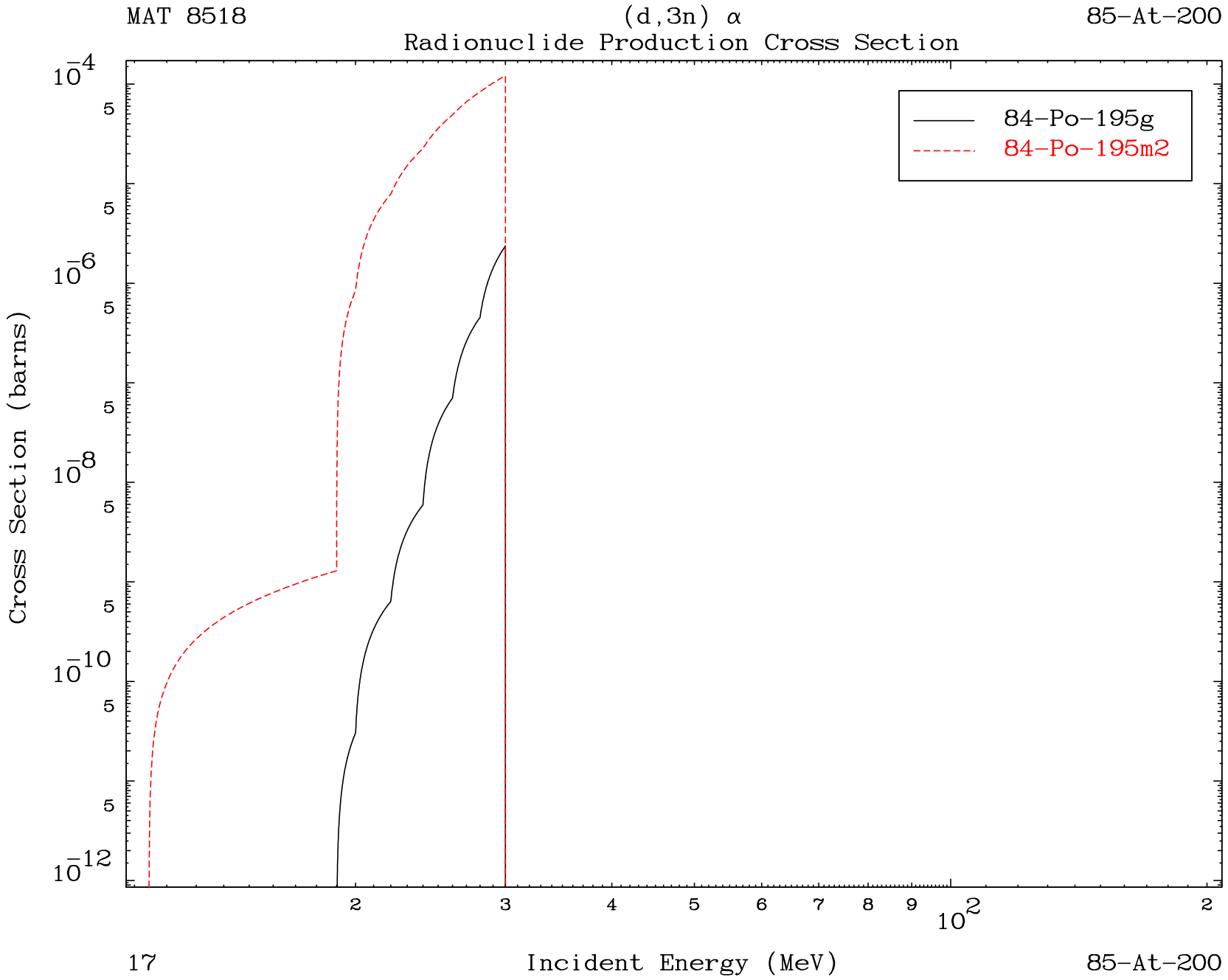

MAT 8518
Deuteron Inelastic
85-At-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
12
85-At-200

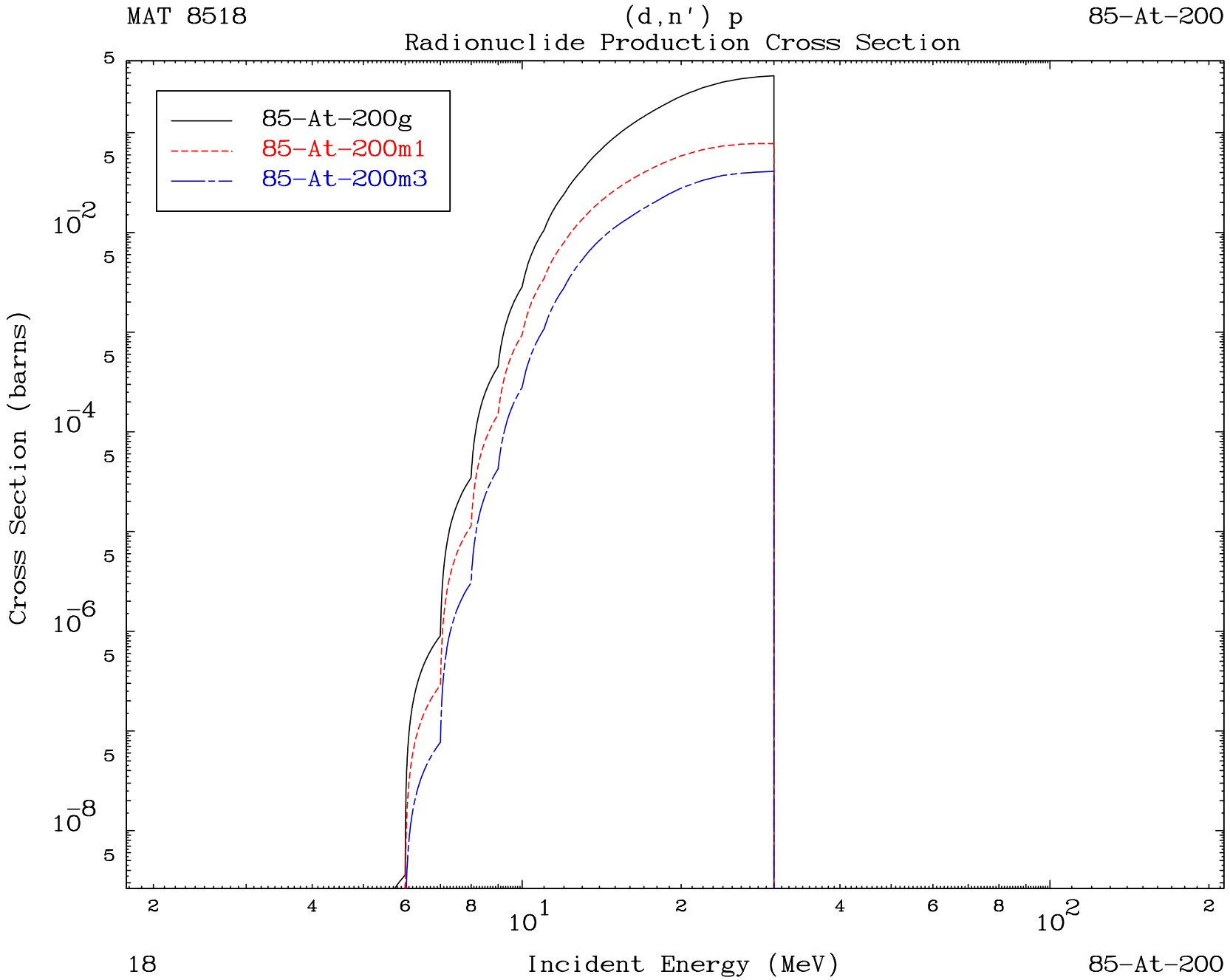

MAT 8518
(d,2n) d
85-At-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
85-At-200


MAT 8518
(d,3n)
85-At-200
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
14
85-At-200


MAT 8518
Deuteron Fission
85-At-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
85-At-200


MAT 8518
(d,n') α
85-At-200
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
16
85-At-200


MAT 8518
(d,3n) α
85-At-200
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
Incident Energy (MeV)
17
85-At-200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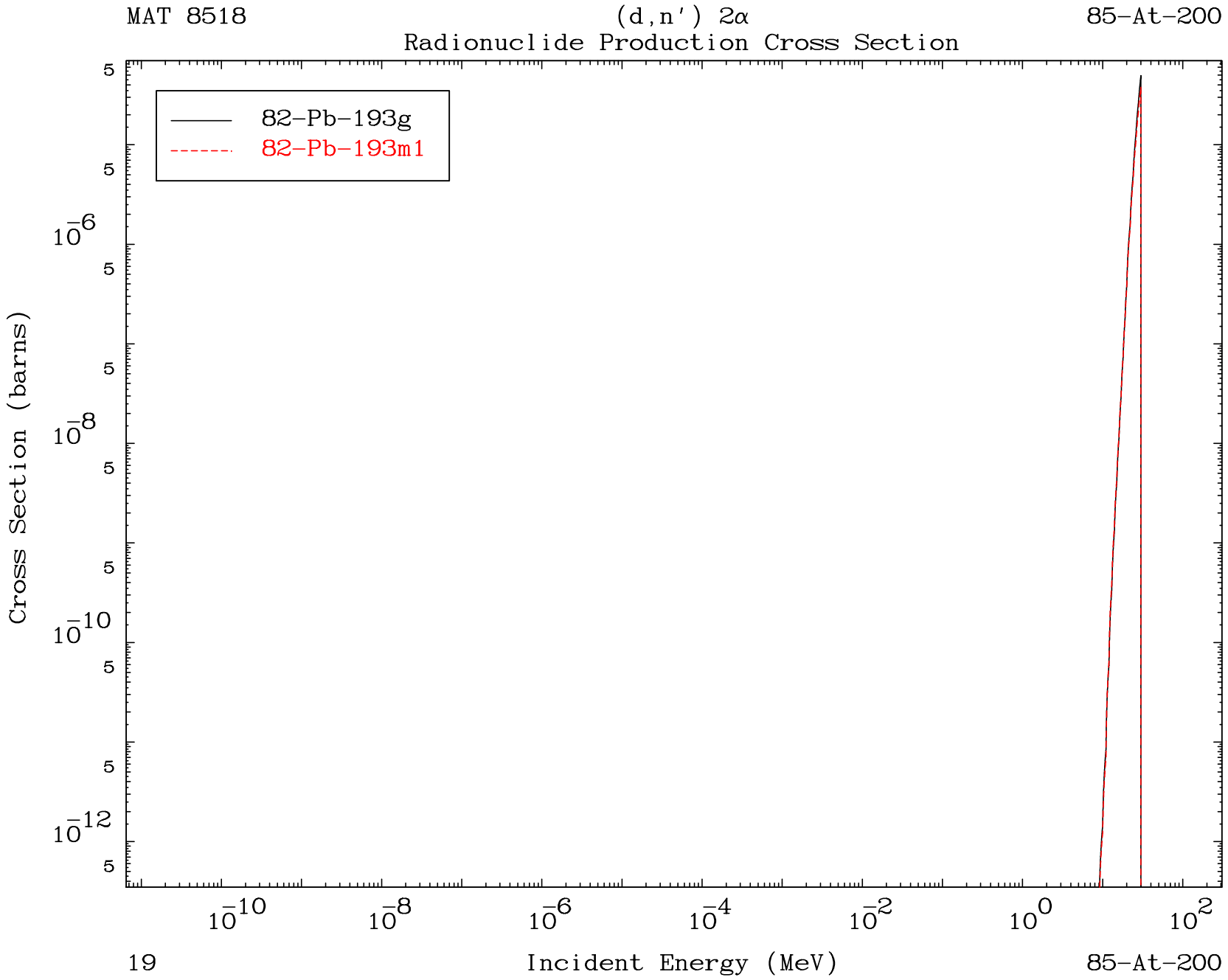
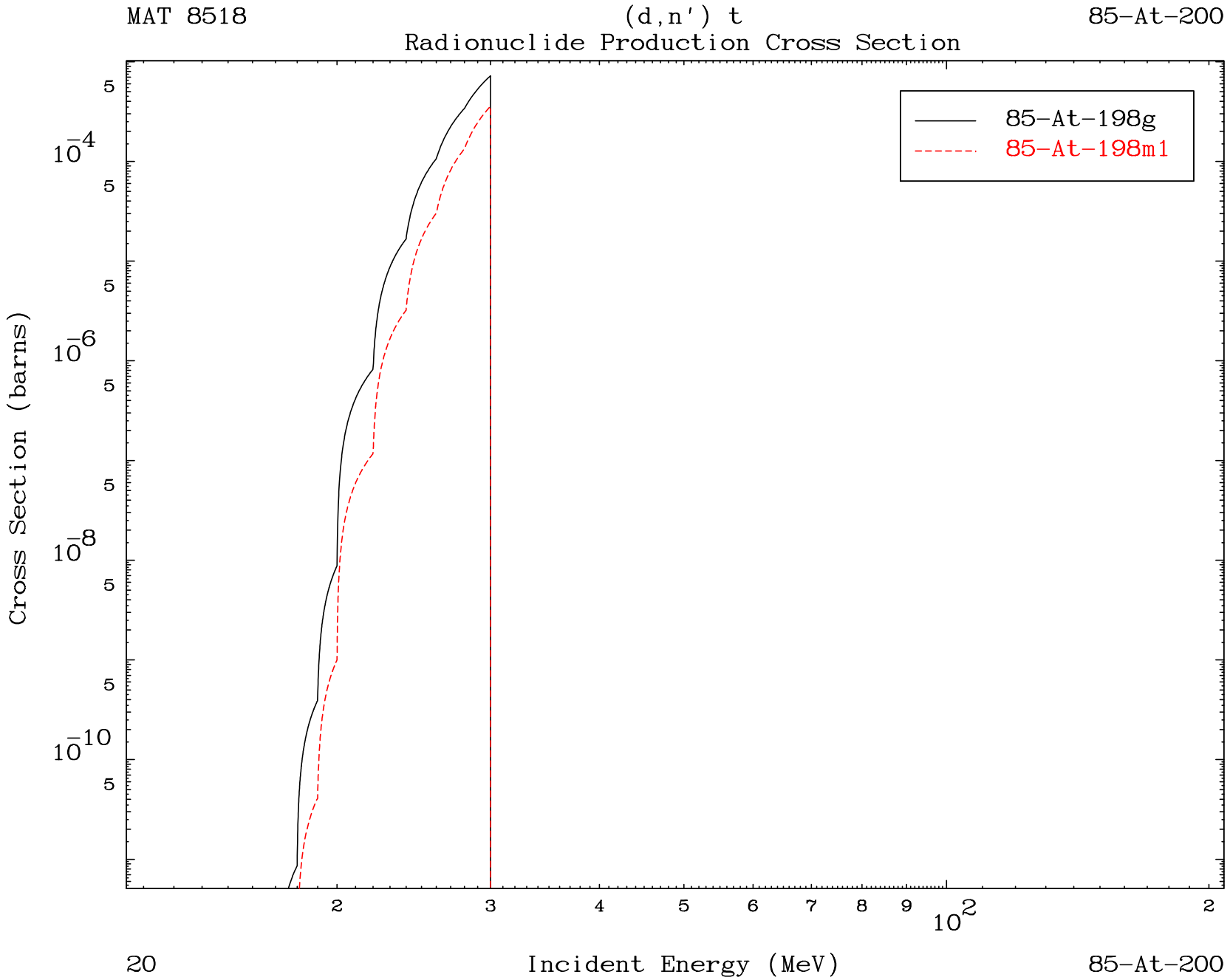
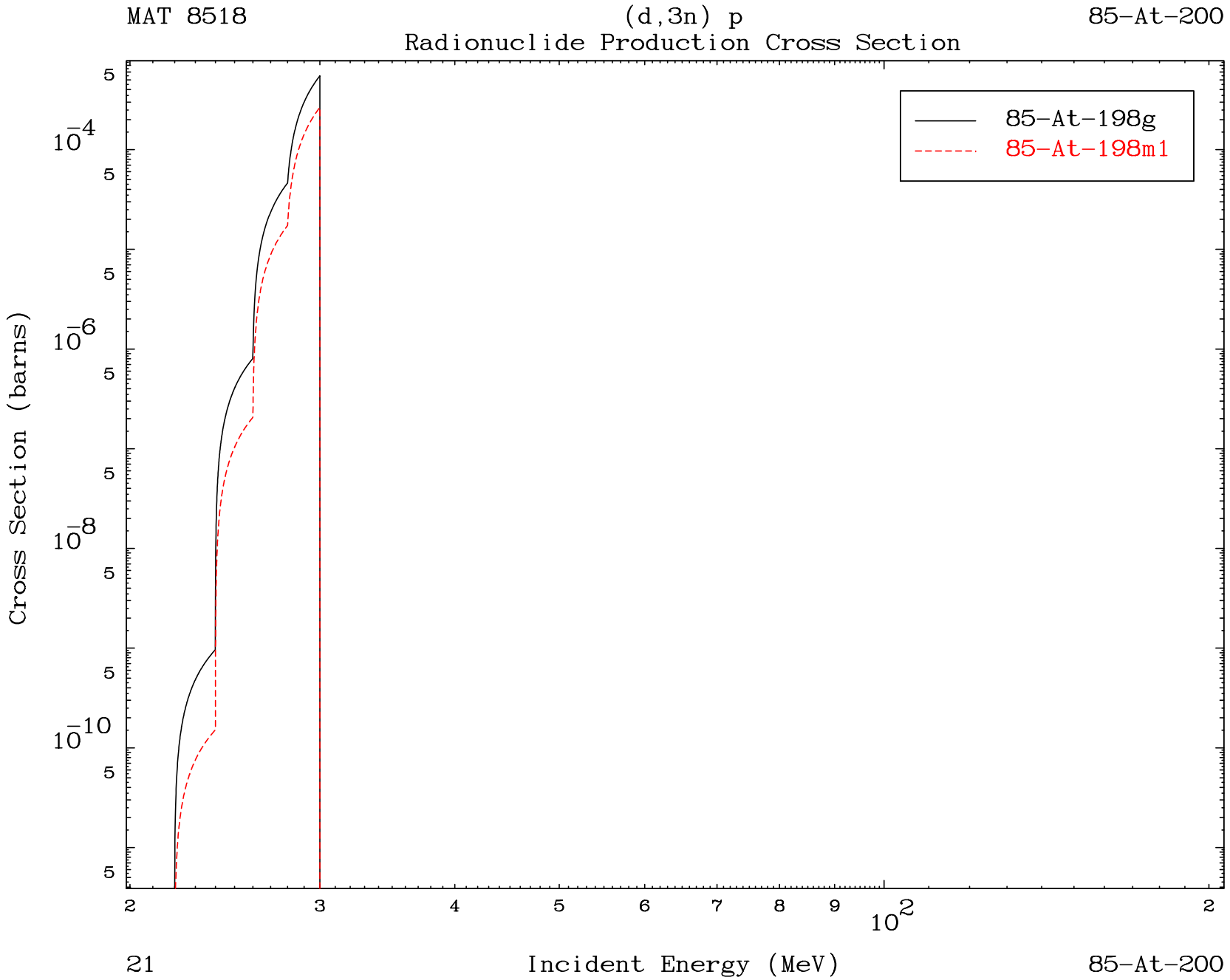
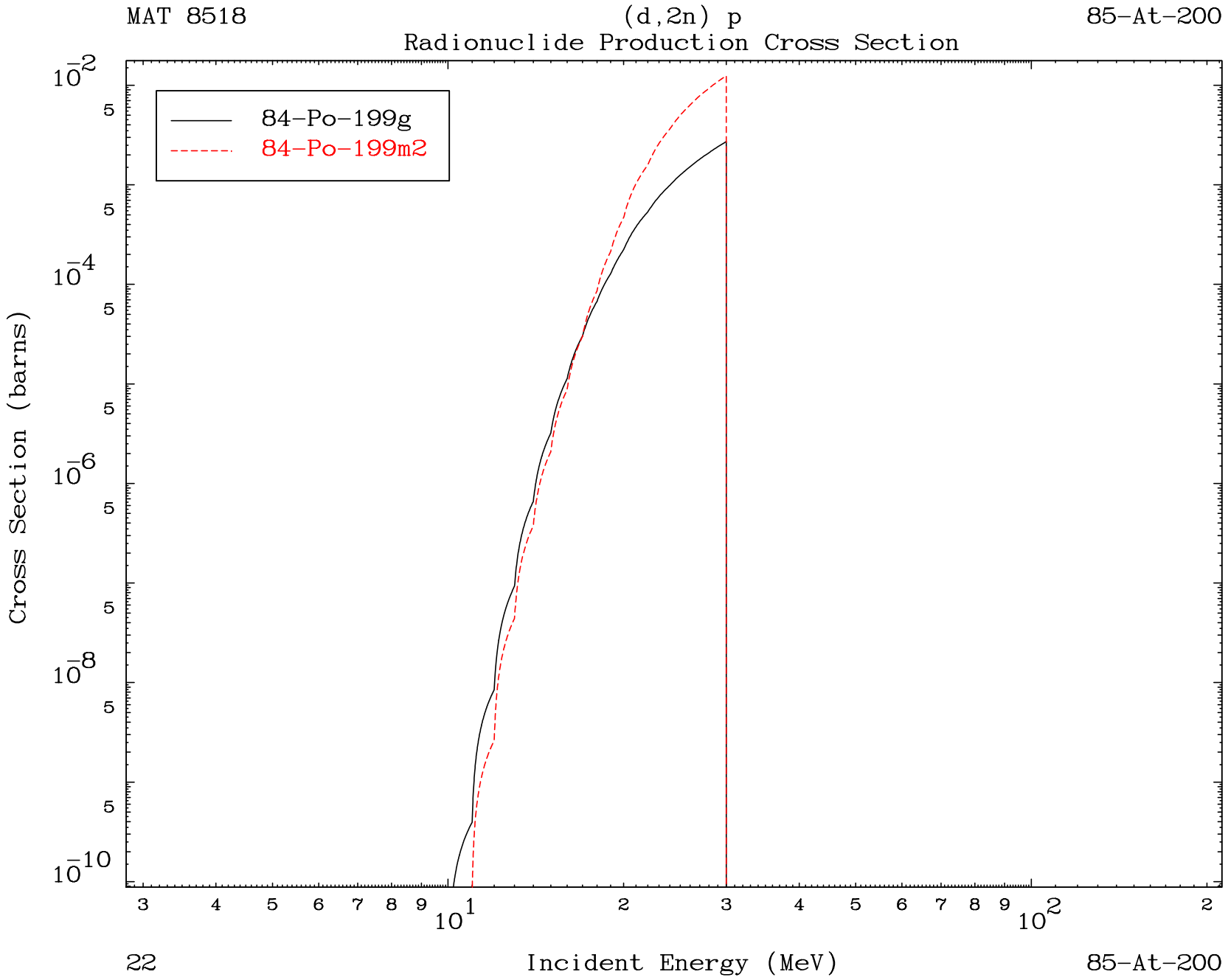
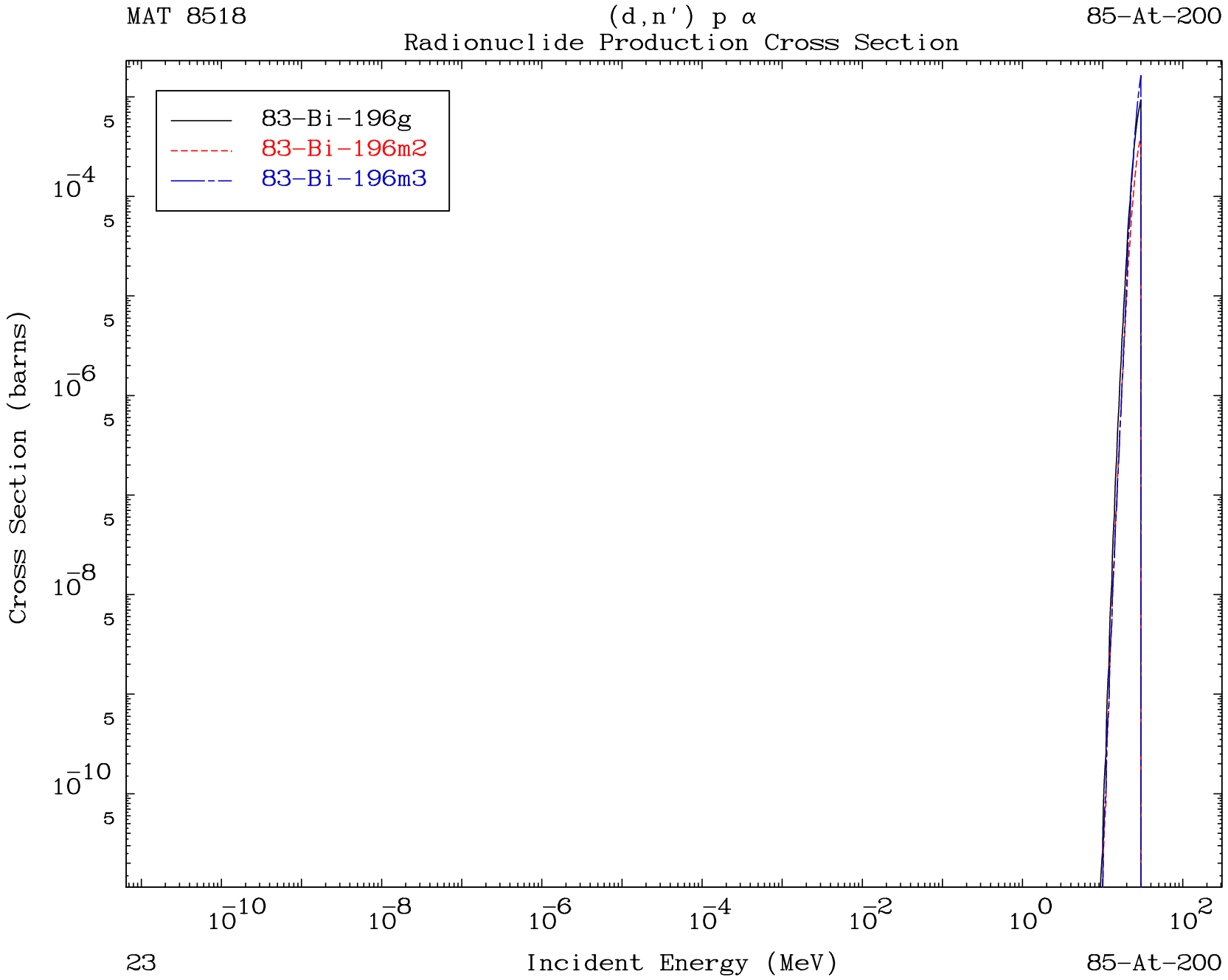
(d,n') p
85-At-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
18
85-At-200

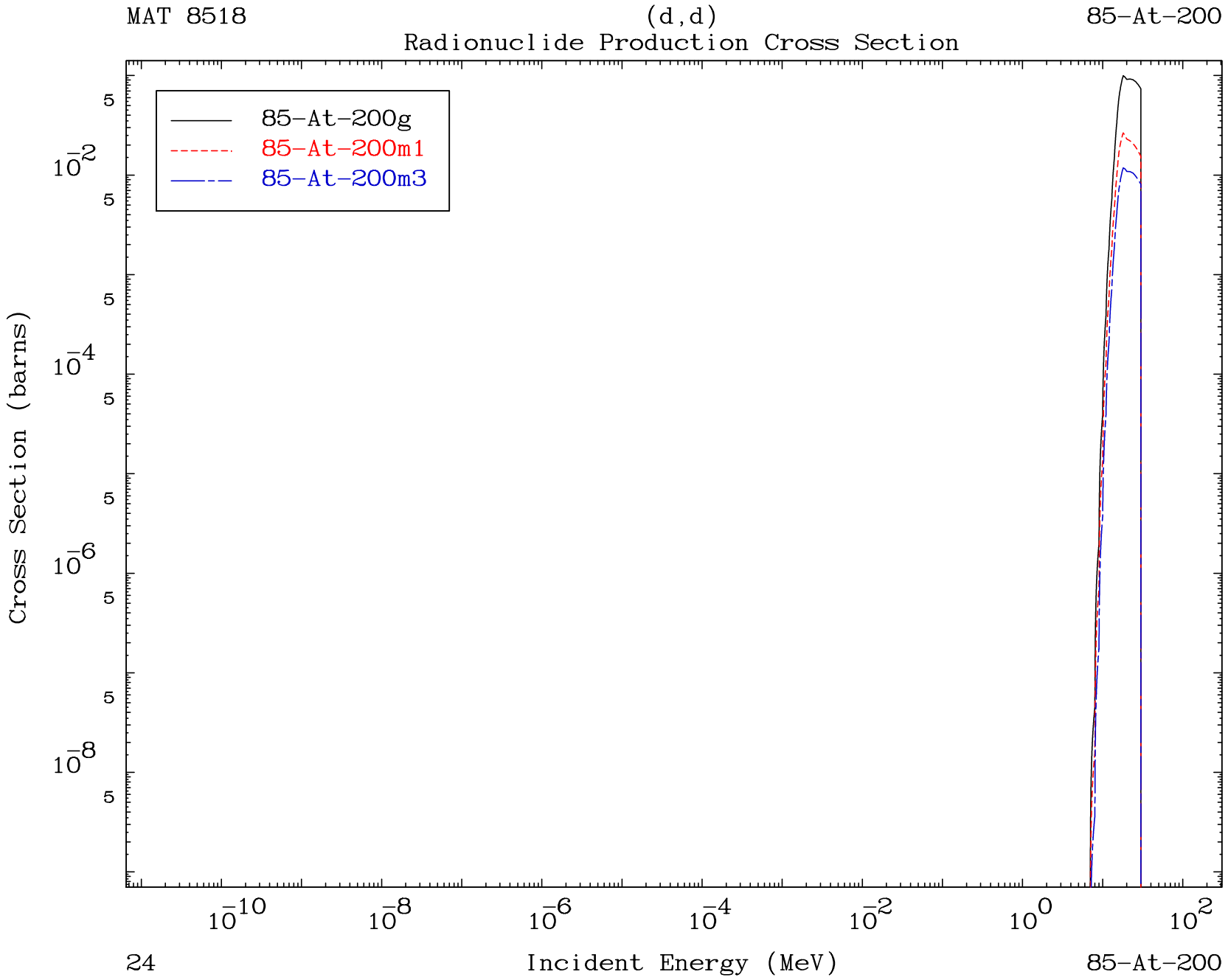

MAT 8518
(d,n') 2α
85-At-200
Radionuclide Production Cross Section
82-Pb-193g
82-Pb-193m1
Cross Section (barns)
Incident Energy (MeV)
19
85-At-200

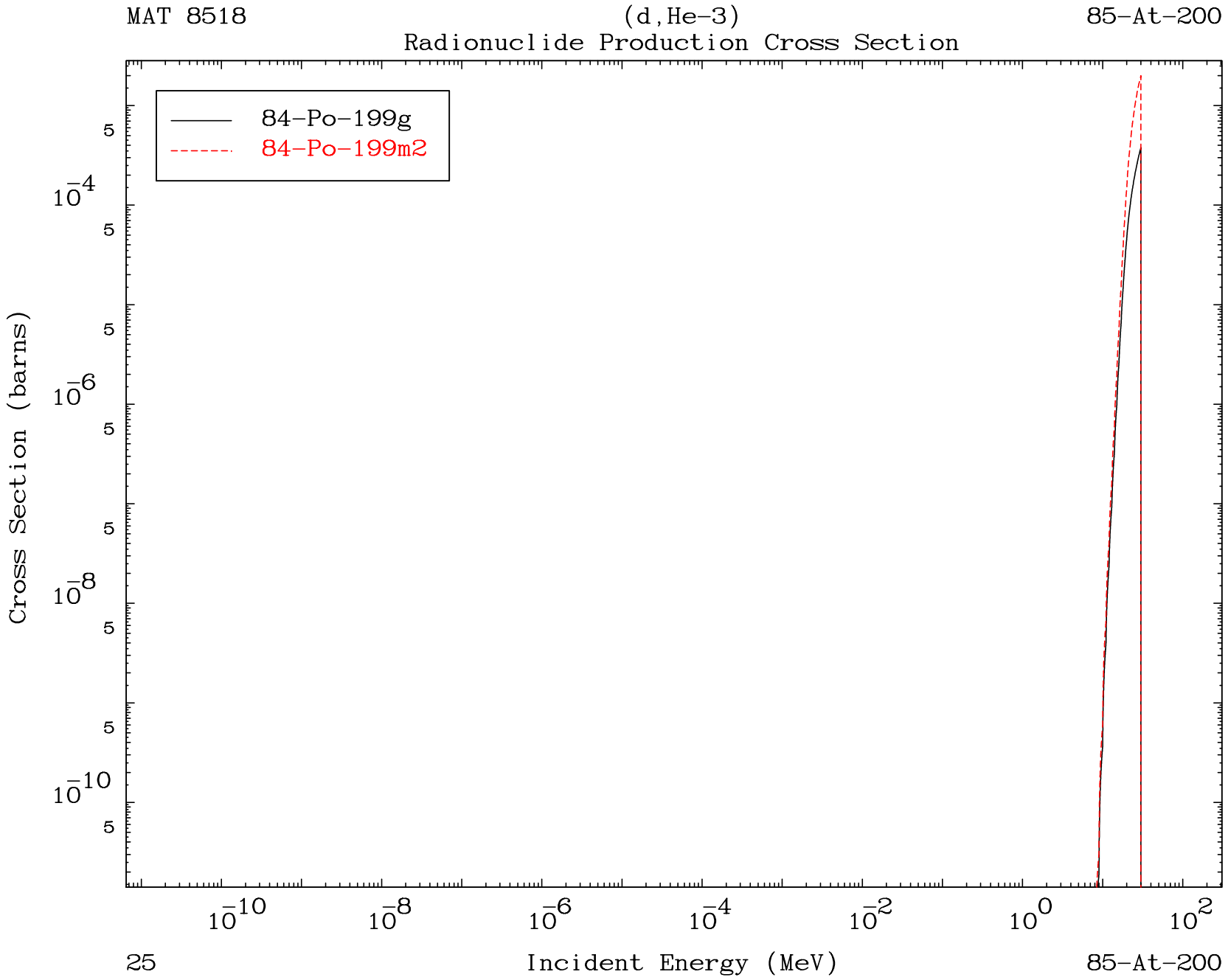

MAT 8518
(d,n') t
85-At-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
20
Incident Energy (MeV)
85-At-200

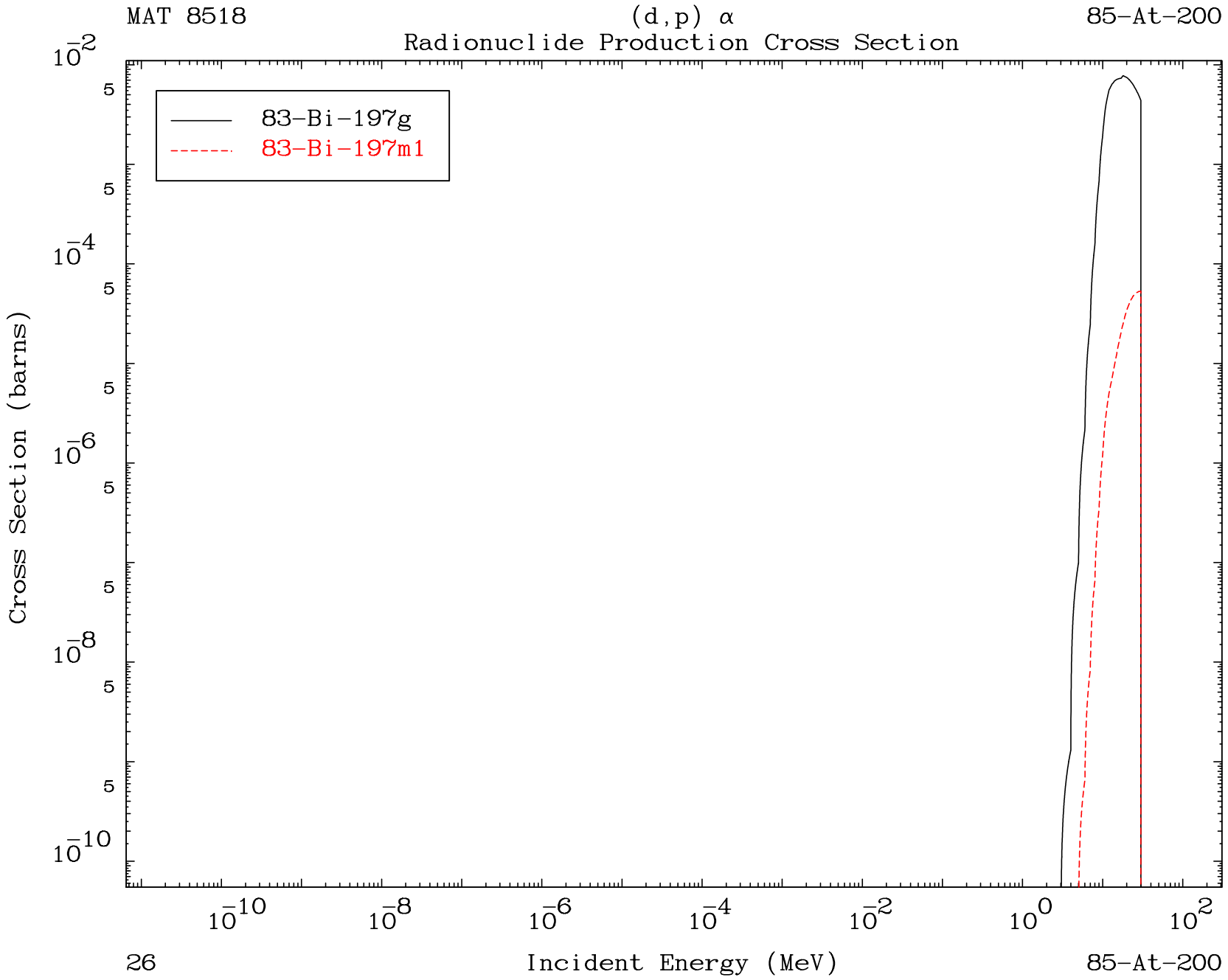

MAT 8518
(d,3n) p
85-At-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
21
85-At-200

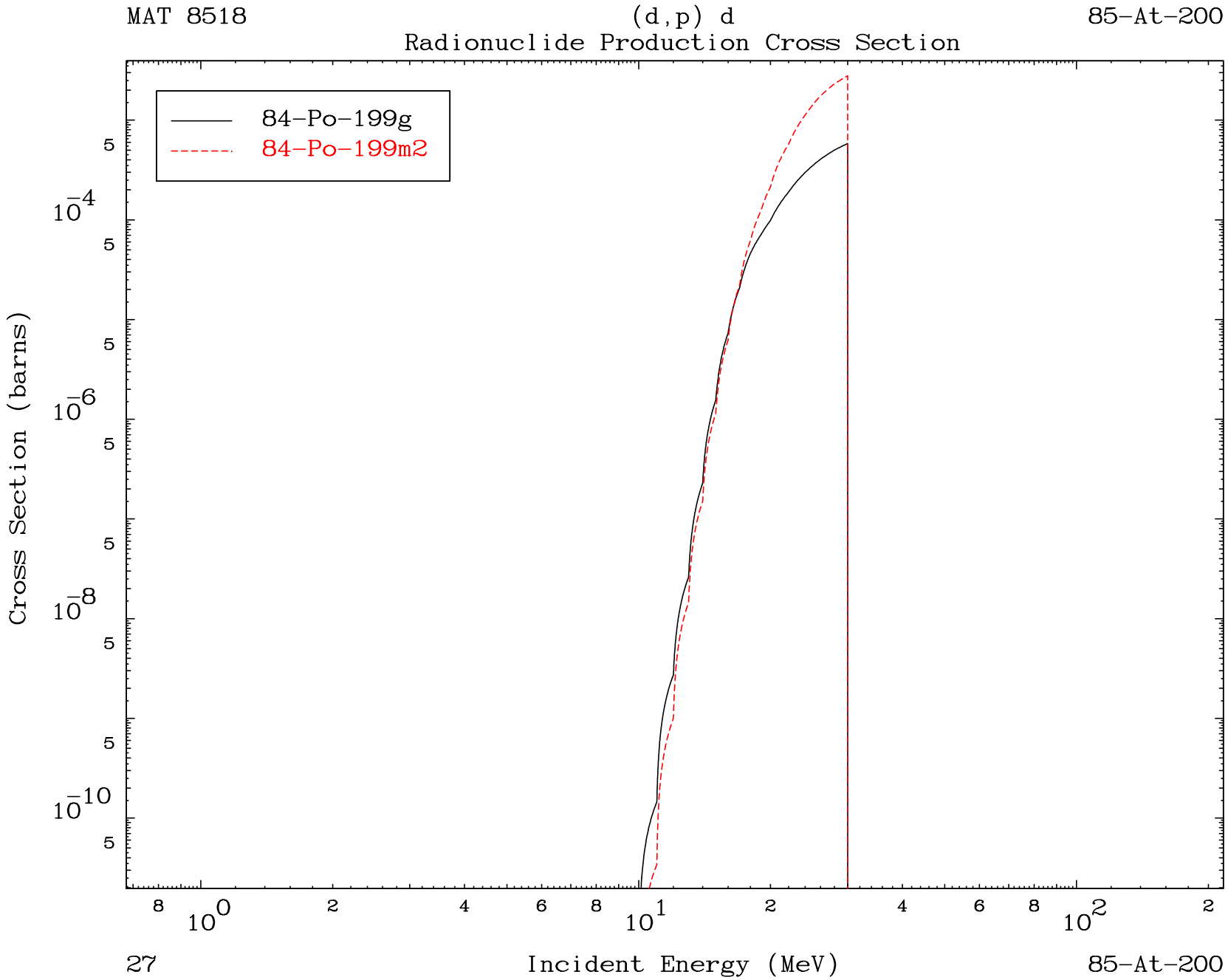

MAT 8518
(d,2n) p
85-At-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
22
85-At-200

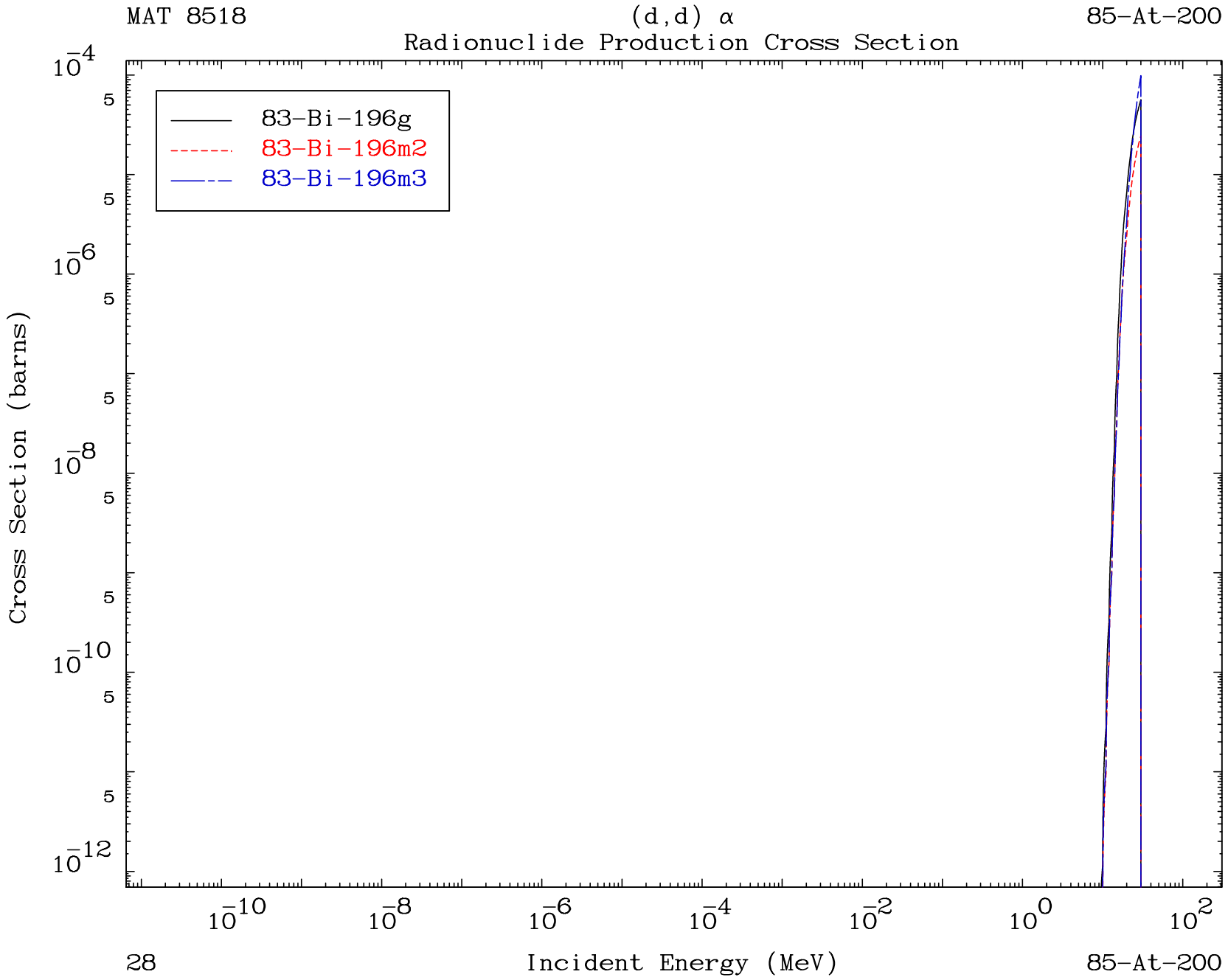

MAT 8518
(d,n') p α
85-At-200
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
23
85-At-200


MAT 8518
(d,d)
85-At-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
24
85-At-200


MAT 8518
(d,He-3)
85-At-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
25
85-At-200


MAT 8518
(d,p) α
85-At-200
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
26
85-At-200


MAT 8518
(d,p) d
85-At-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
27
85-At-200


MAT 8518
(d,d) α
85-At-200
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
28
85-At-200