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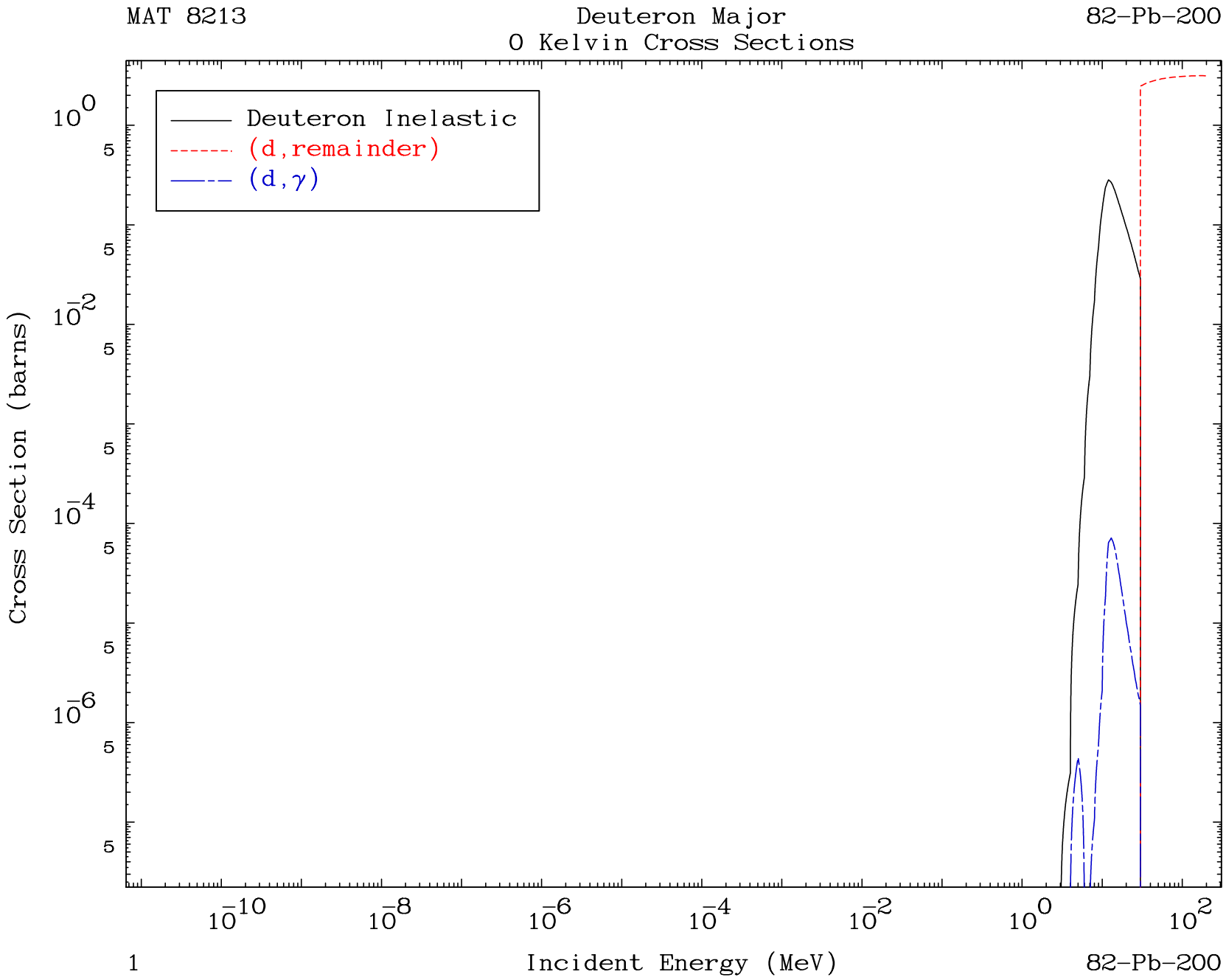
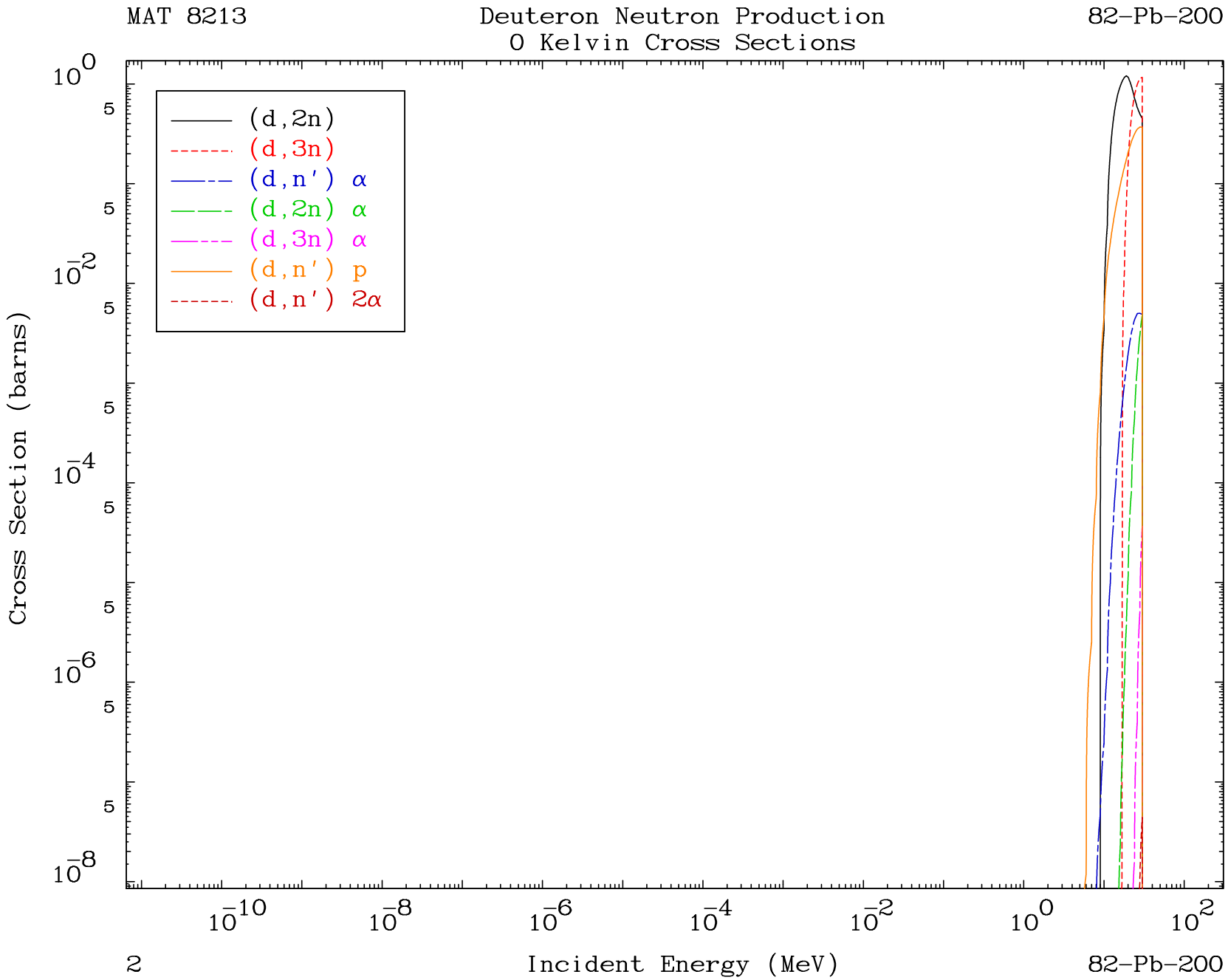
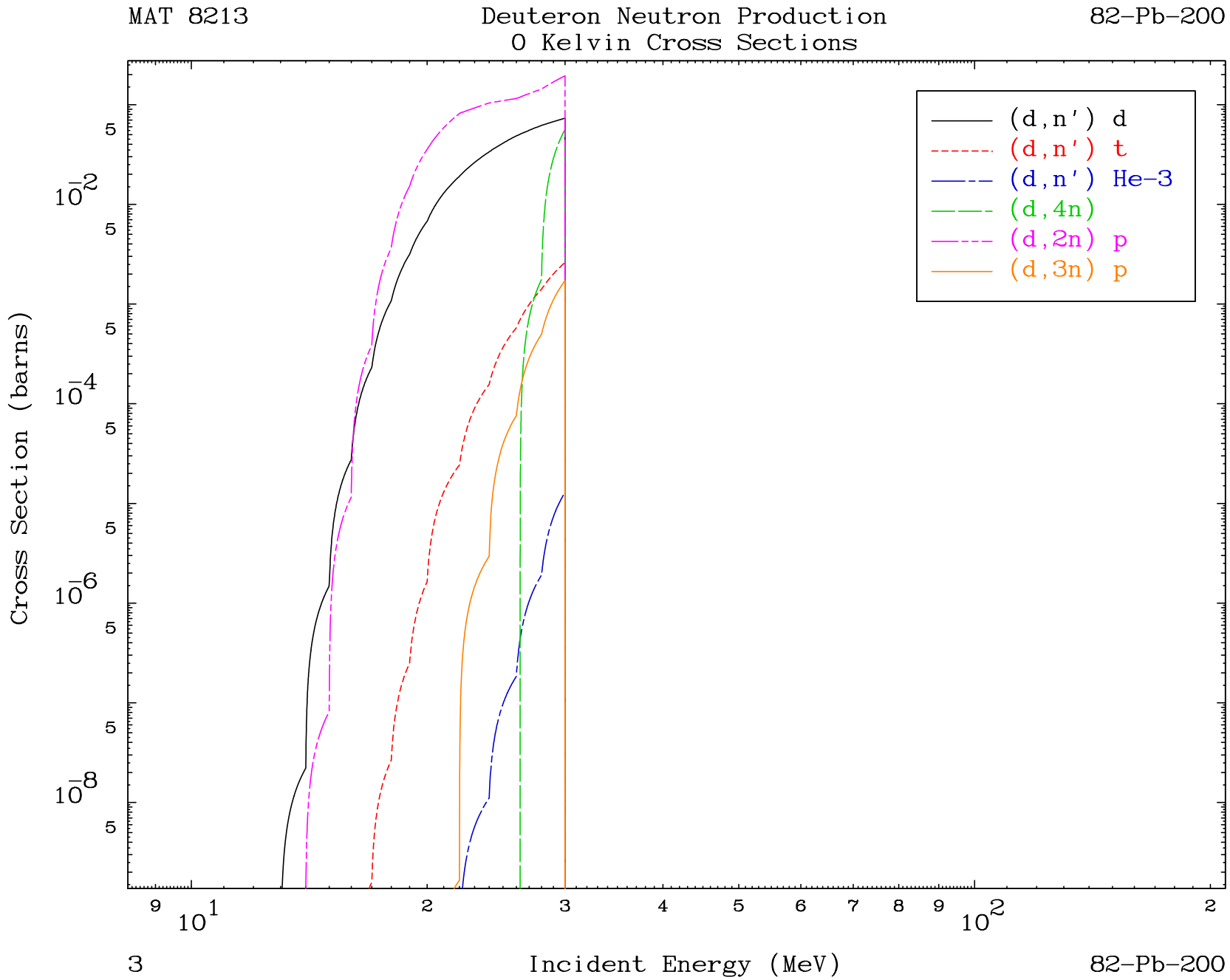
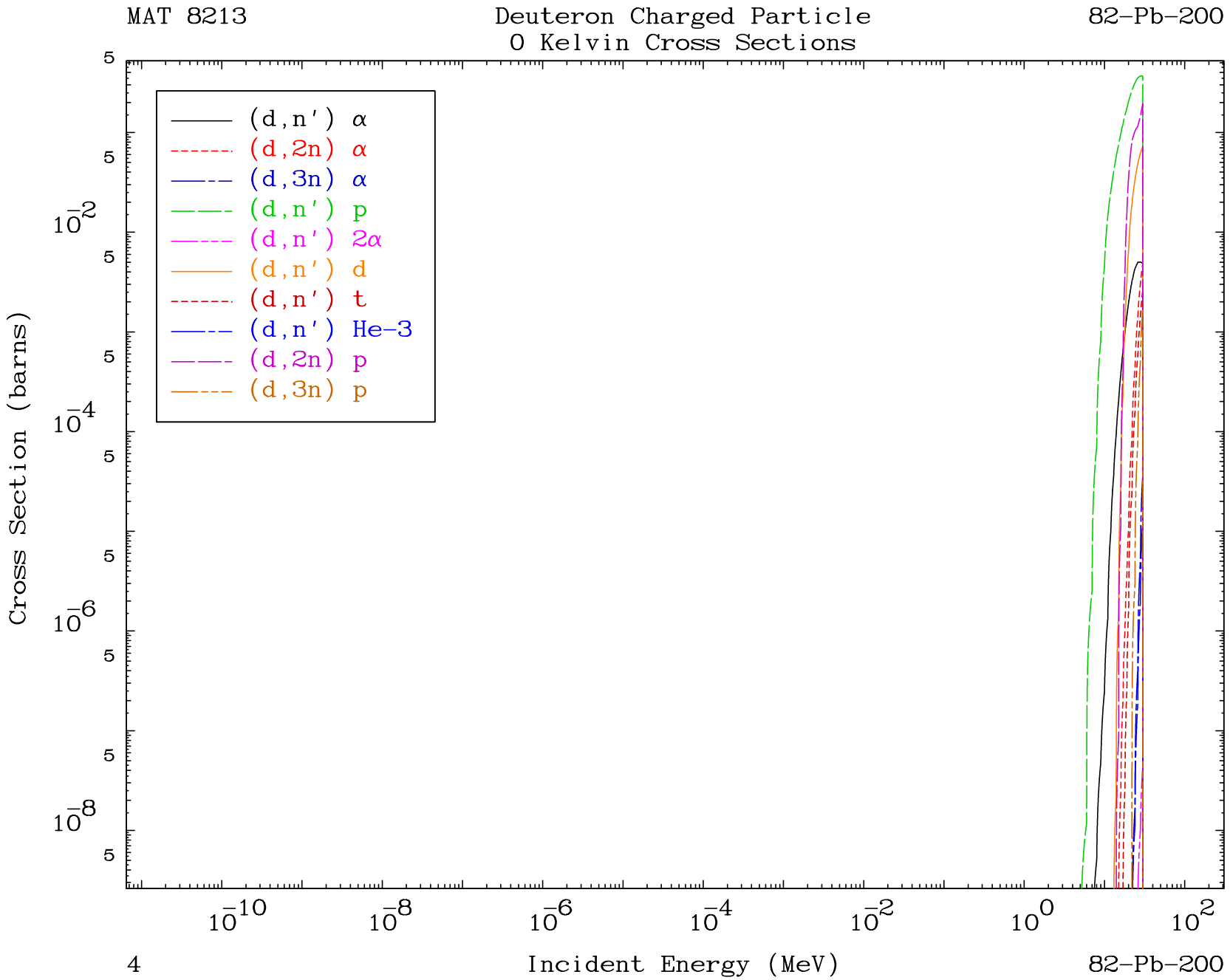
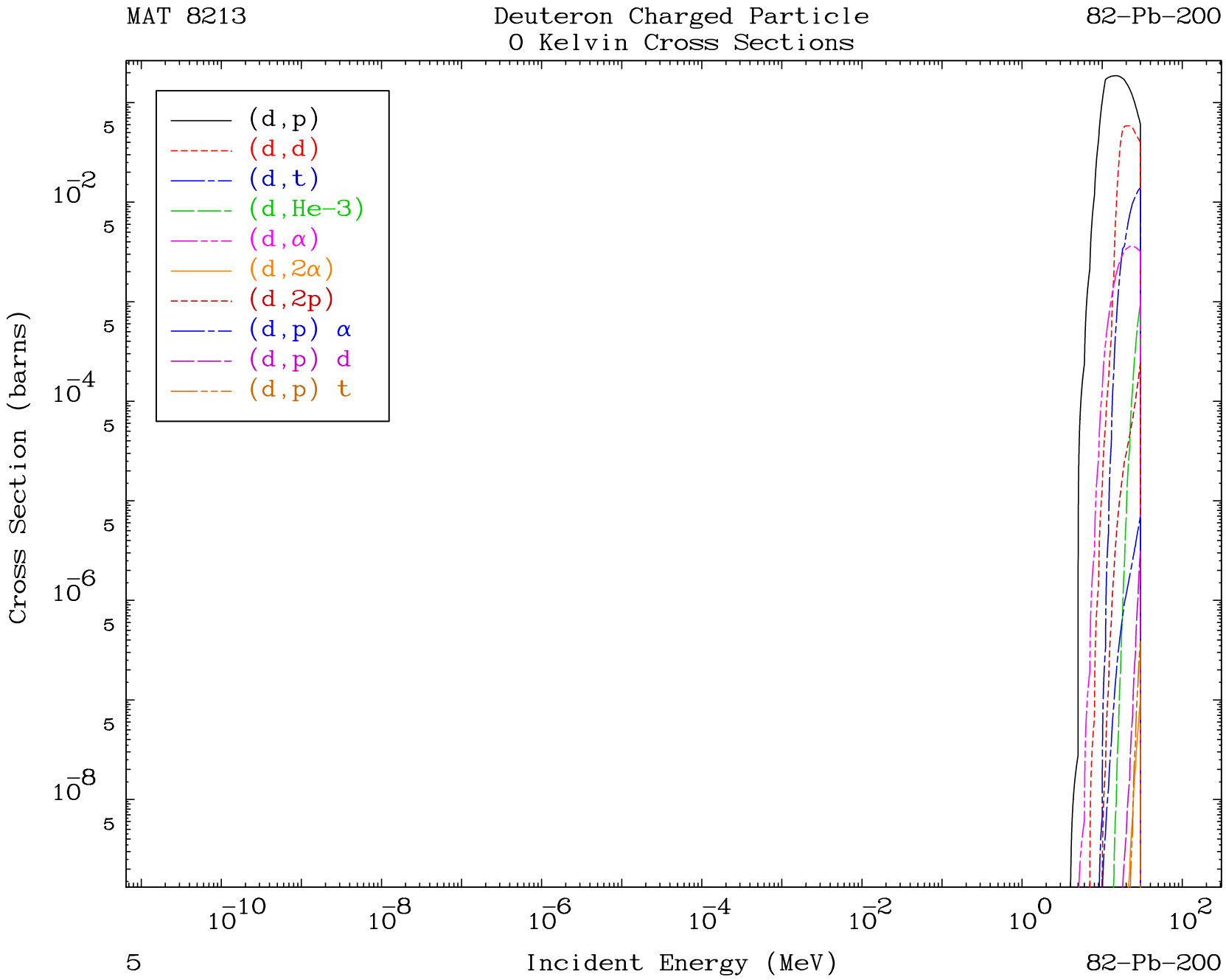
Press Mouse Button to Start

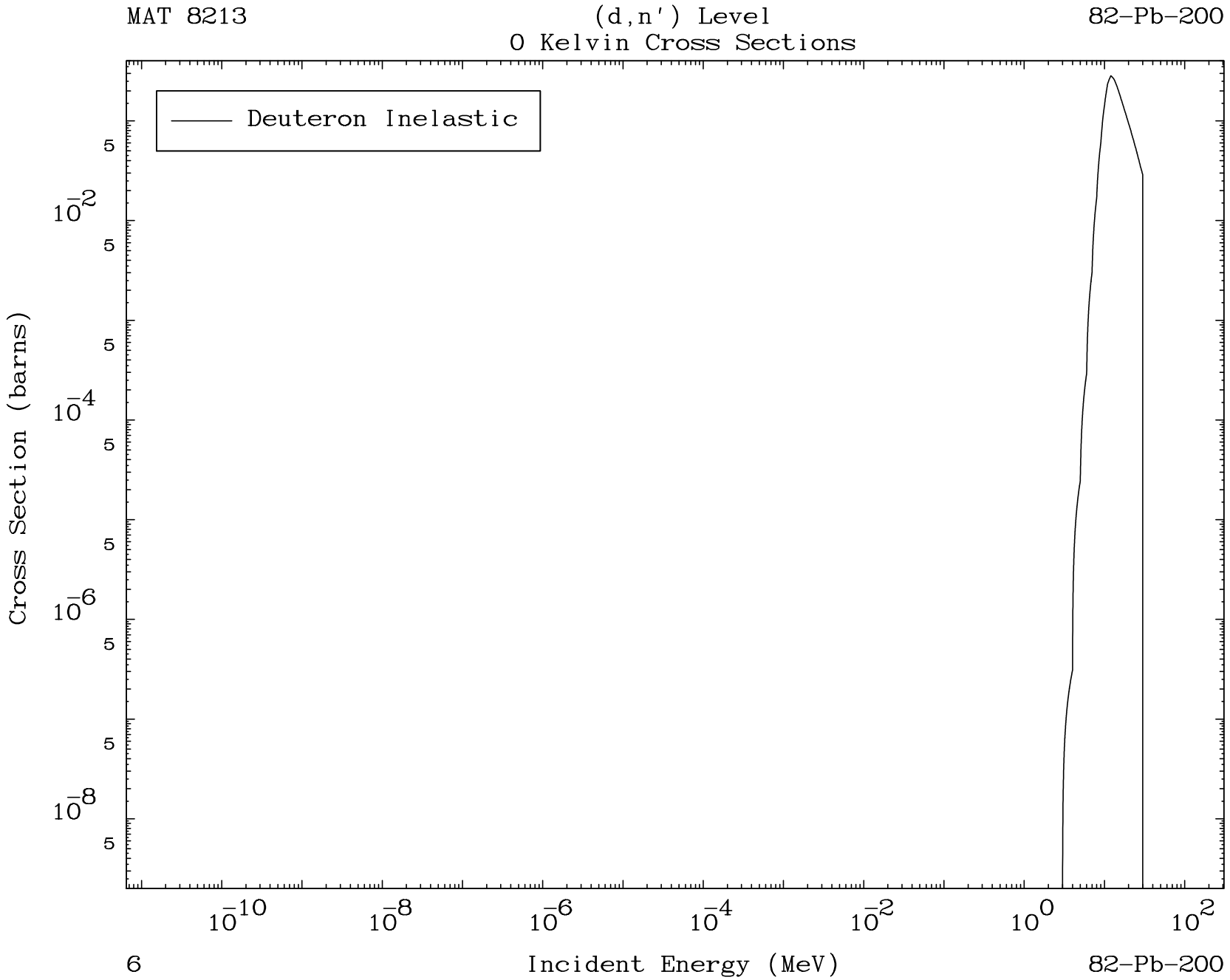

MAT 8213
Deuteron Major
82-Pb-200
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-200
1

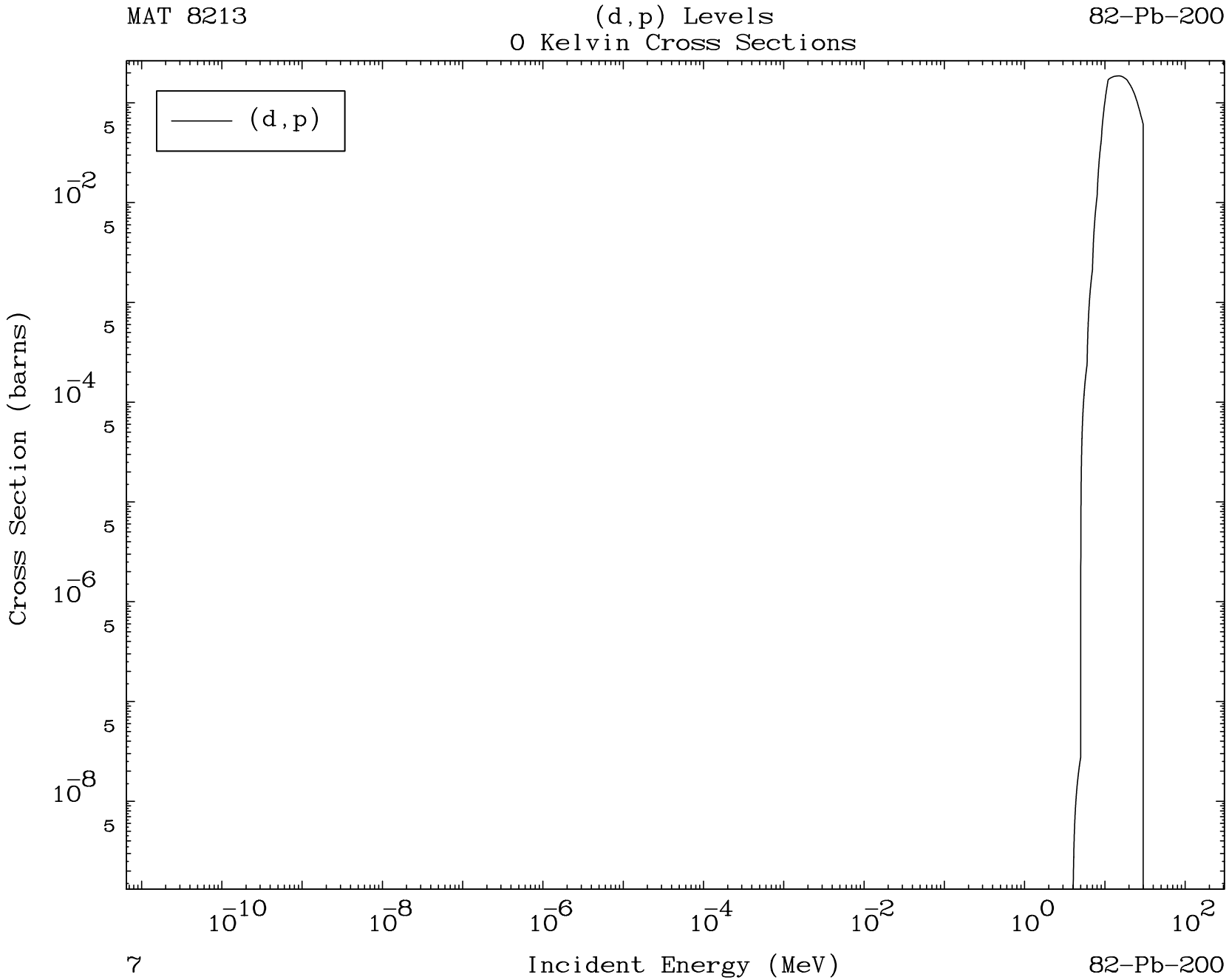

MAT 8213
Deuteron Neutron Production
0 Kelvin Cross Sections
82-Pb-200
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
82-Pb-200

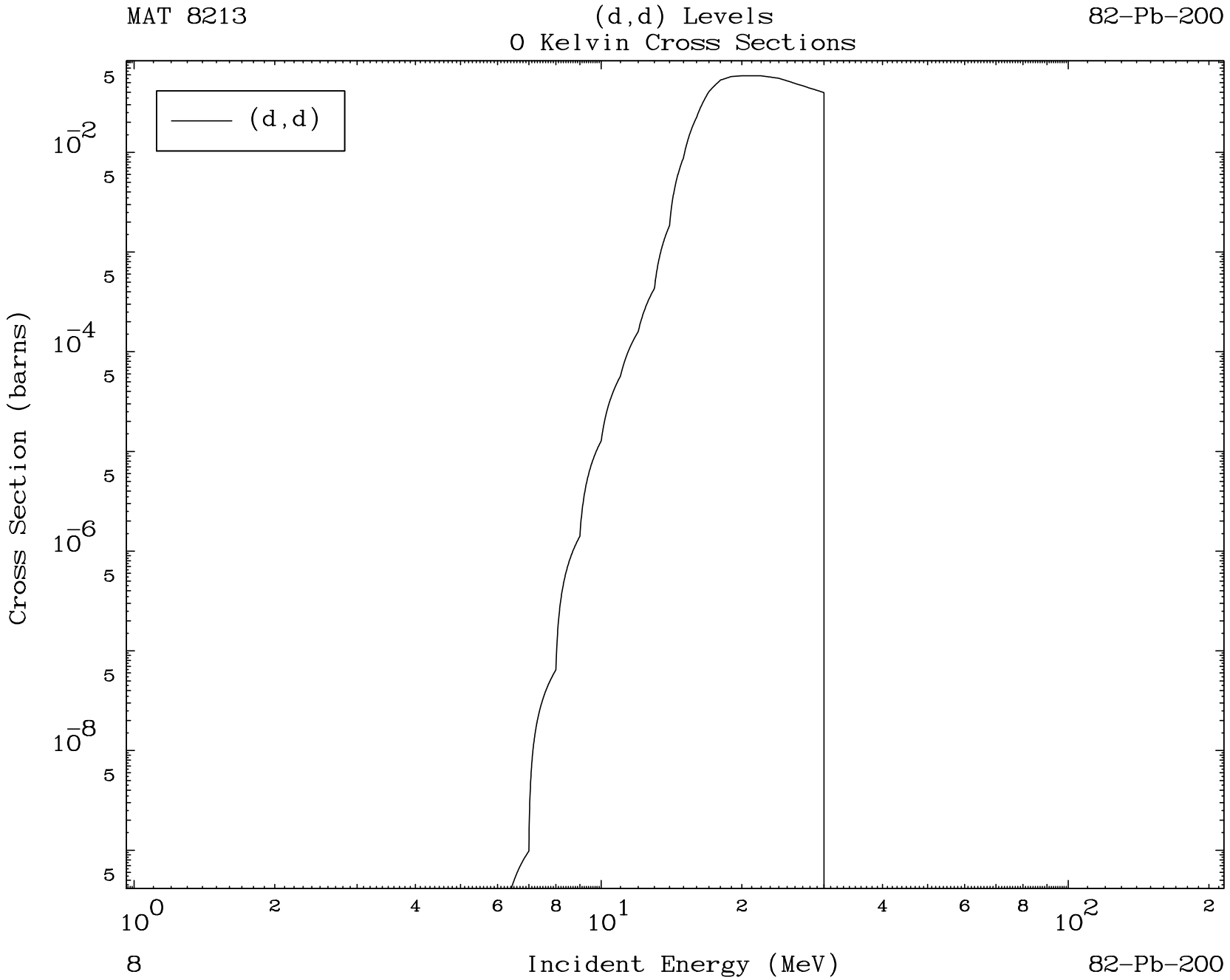

MAT 8213
Deuteron Neutron Production
0 Kelvin Cross Sections
82-Pb-200
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
82-Pb-200

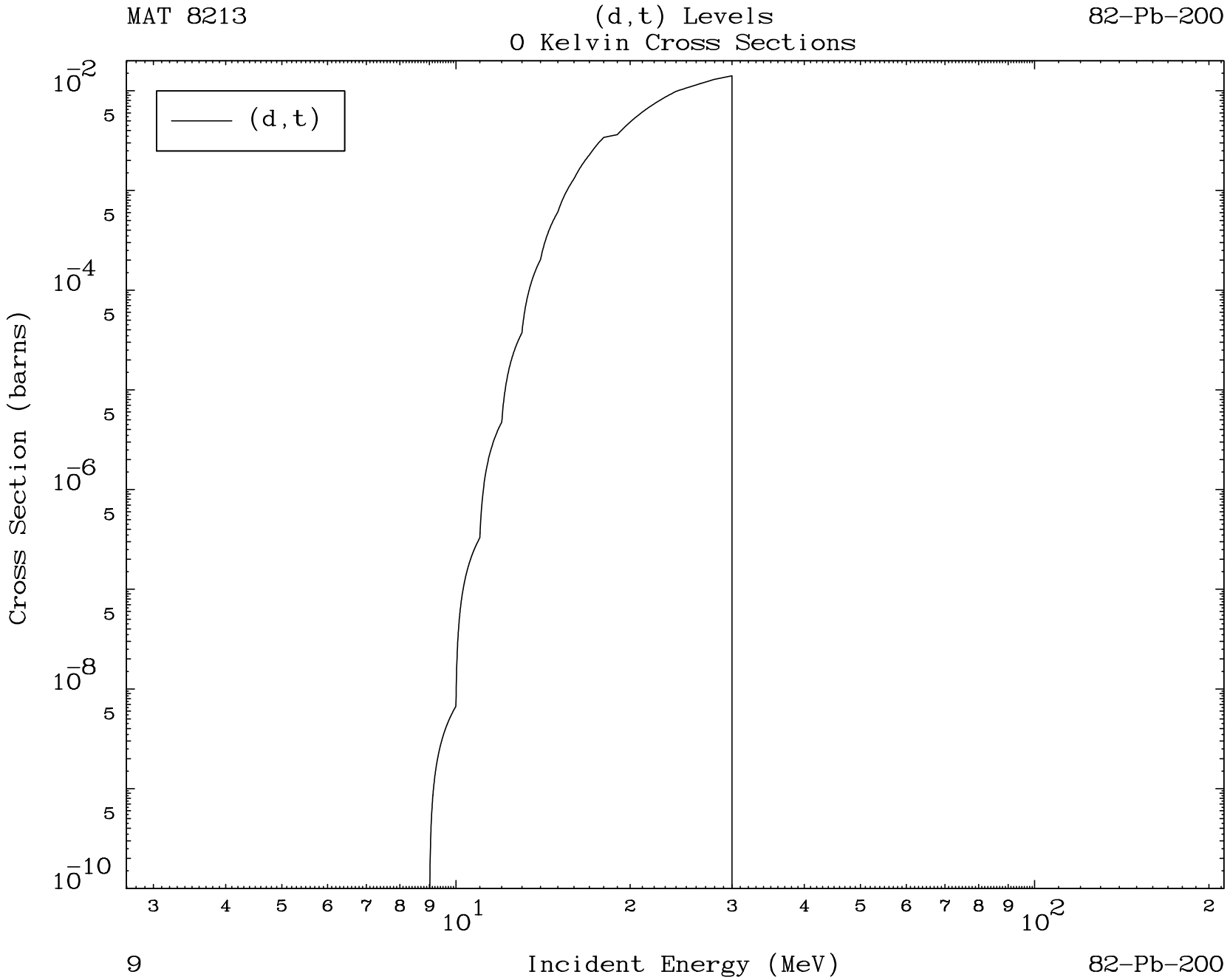

MAT 8213
Deuteron Charged Particle
0 Kelvin Cross Sections
82-Pb-200
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
82-Pb-200
4

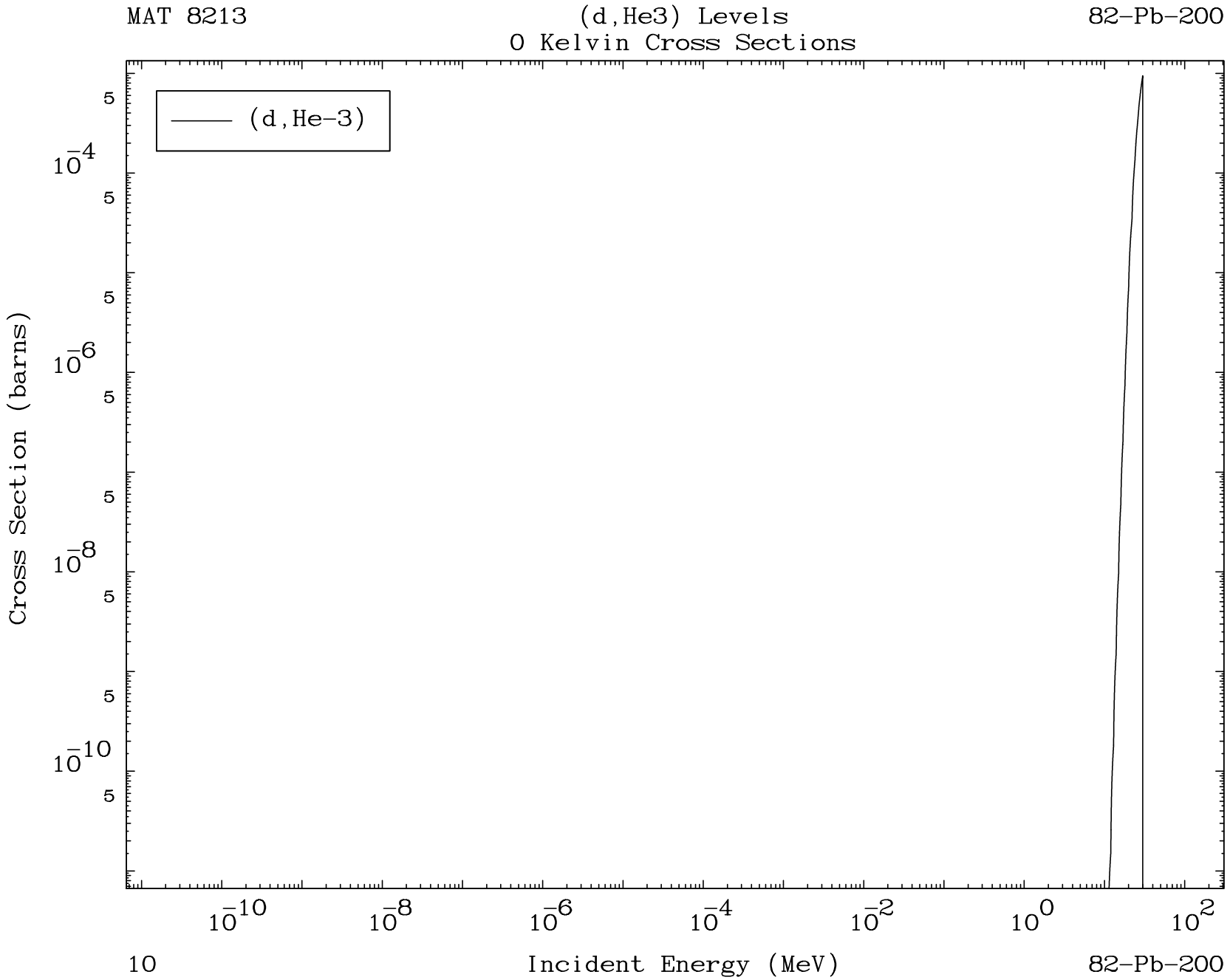

MAT 8213
Deuteron Charged Particle
0 Kelvin Cross Sections
82-Pb-200
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
82-Pb-200

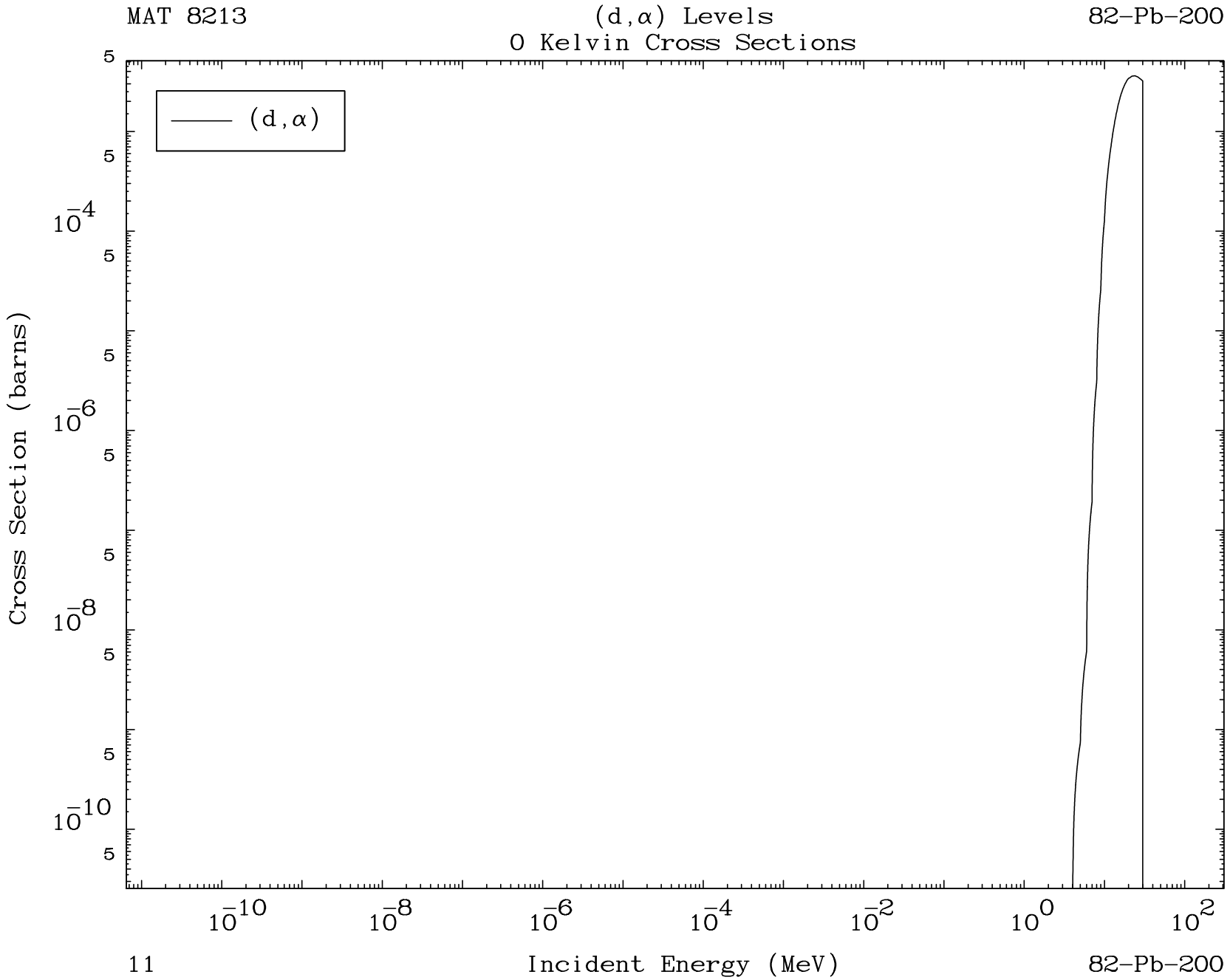

MAT 8213
(d,n') Level
82-Pb-200
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
82-Pb-200

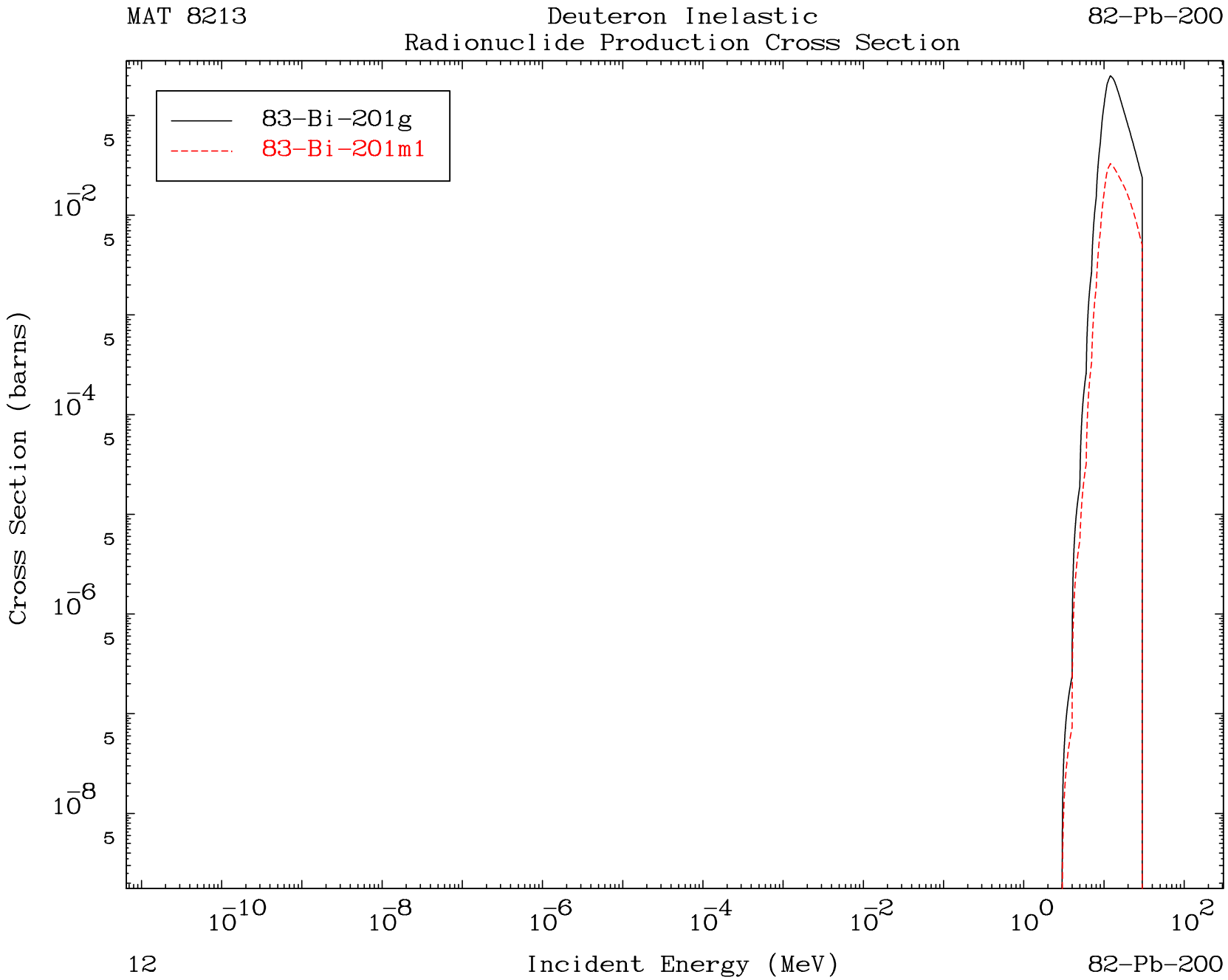

MAT 8213
(d,p) Levels
82-Pb-200
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
82-Pb-200

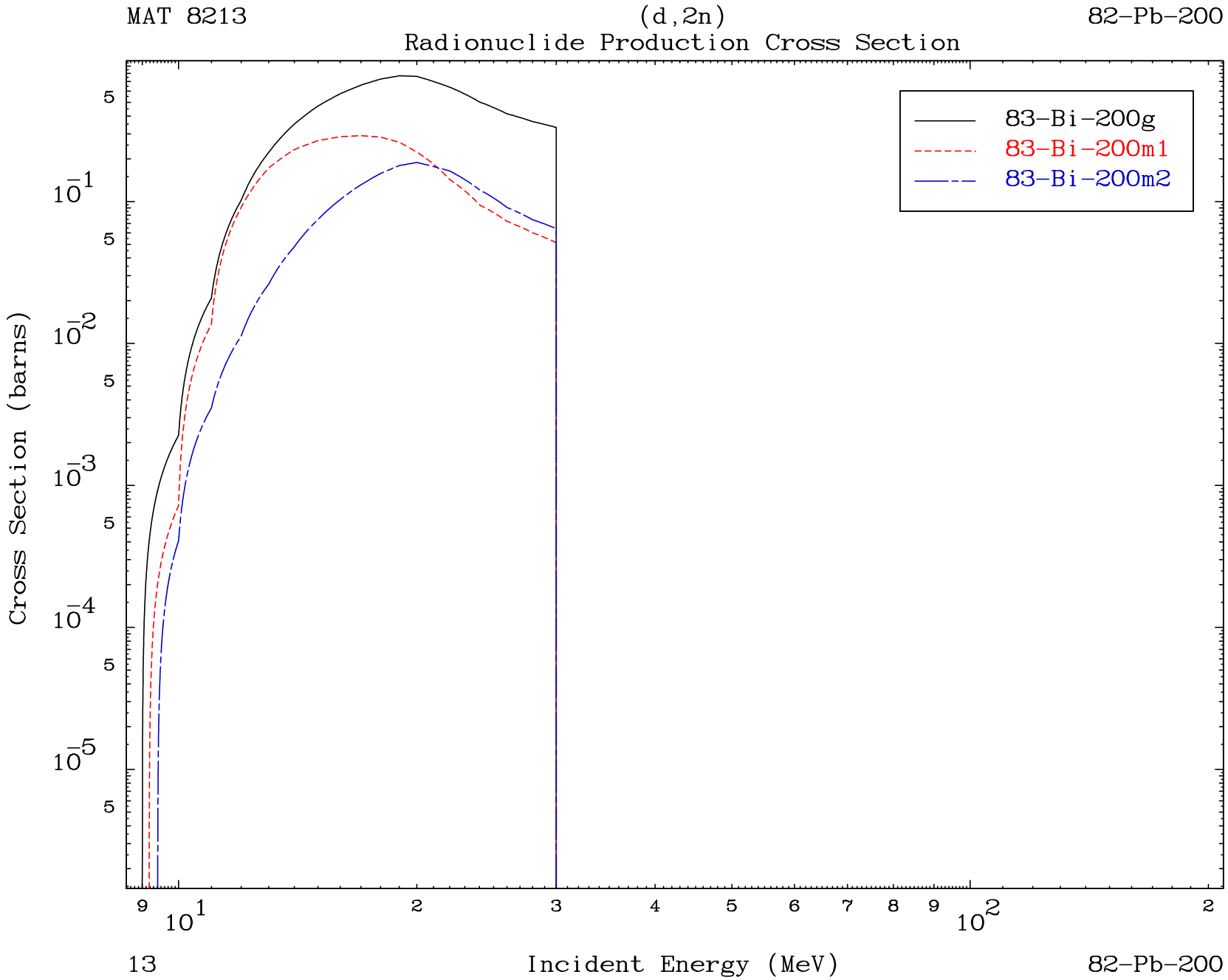

MAT 8213
(d,d) Levels
82-Pb-200
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-200
8

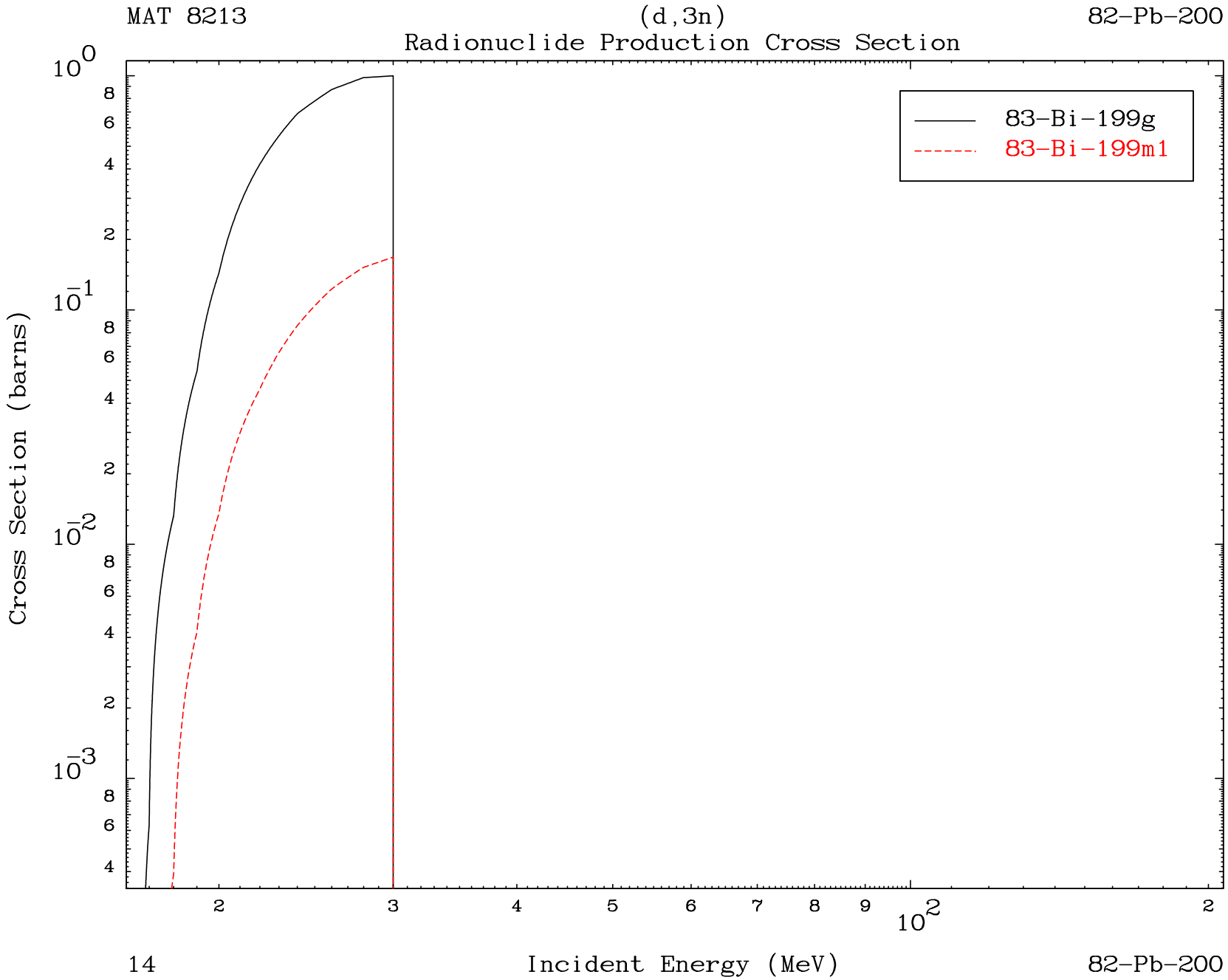

MAT 8213
(d,t) Levels
82-Pb-200
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
82-Pb-200

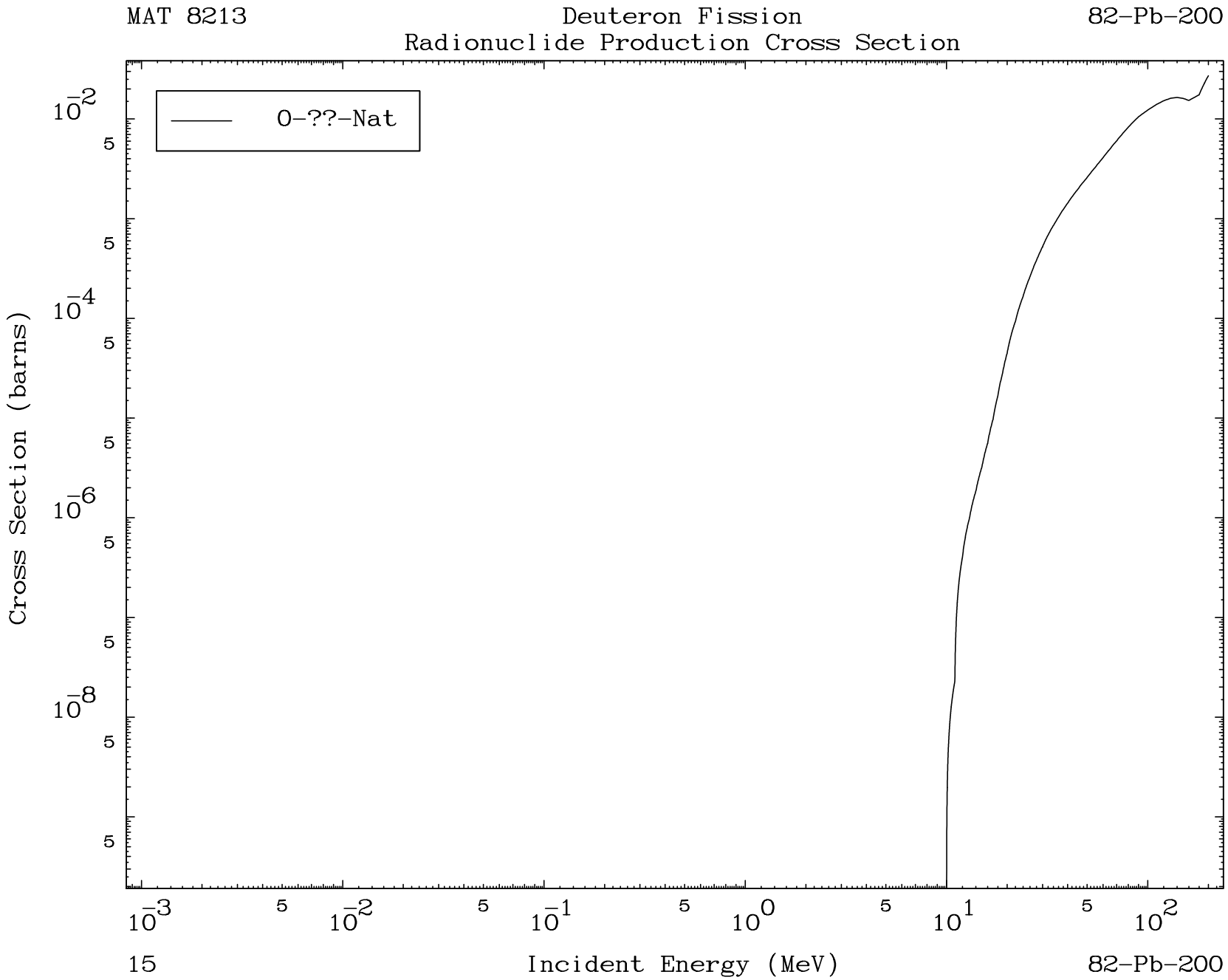

MAT 8213
(d,He3) Levels
82-Pb-200
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
82-Pb-200

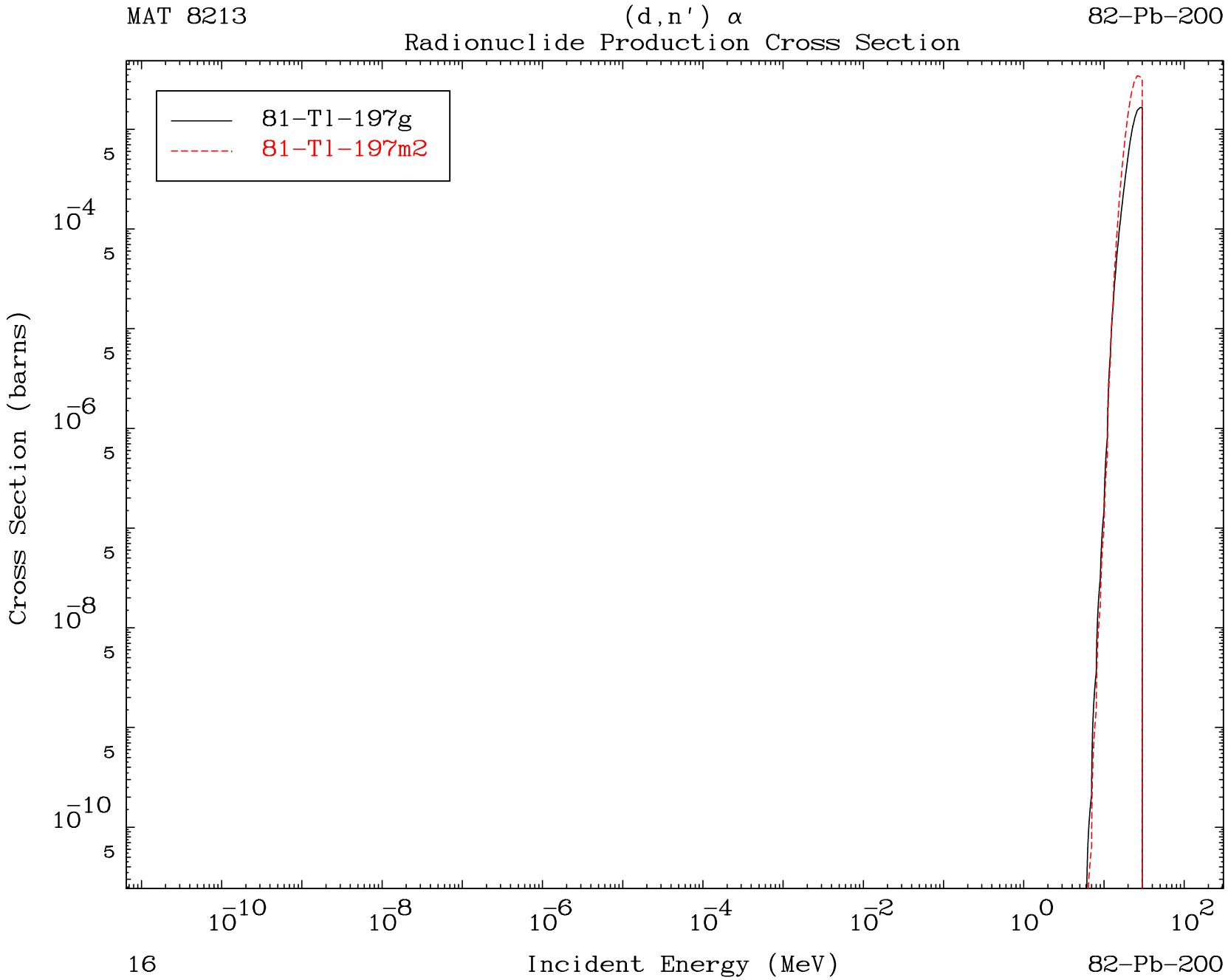

MAT 8213
(d,α) Levels
82-Pb-200
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
82-Pb-200


MAT 8213
Deuteron Inelastic
82-Pb-200
Radionuclide Production Cross Section
83-Bi-201g
83-Bi-201m1
Cross Section (barns)
Incident Energy (MeV)
12
82-Pb-200


MAT 8213
(d,2n)
82-Pb-200
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
Incident Energy (MeV)
13
82-Pb-200

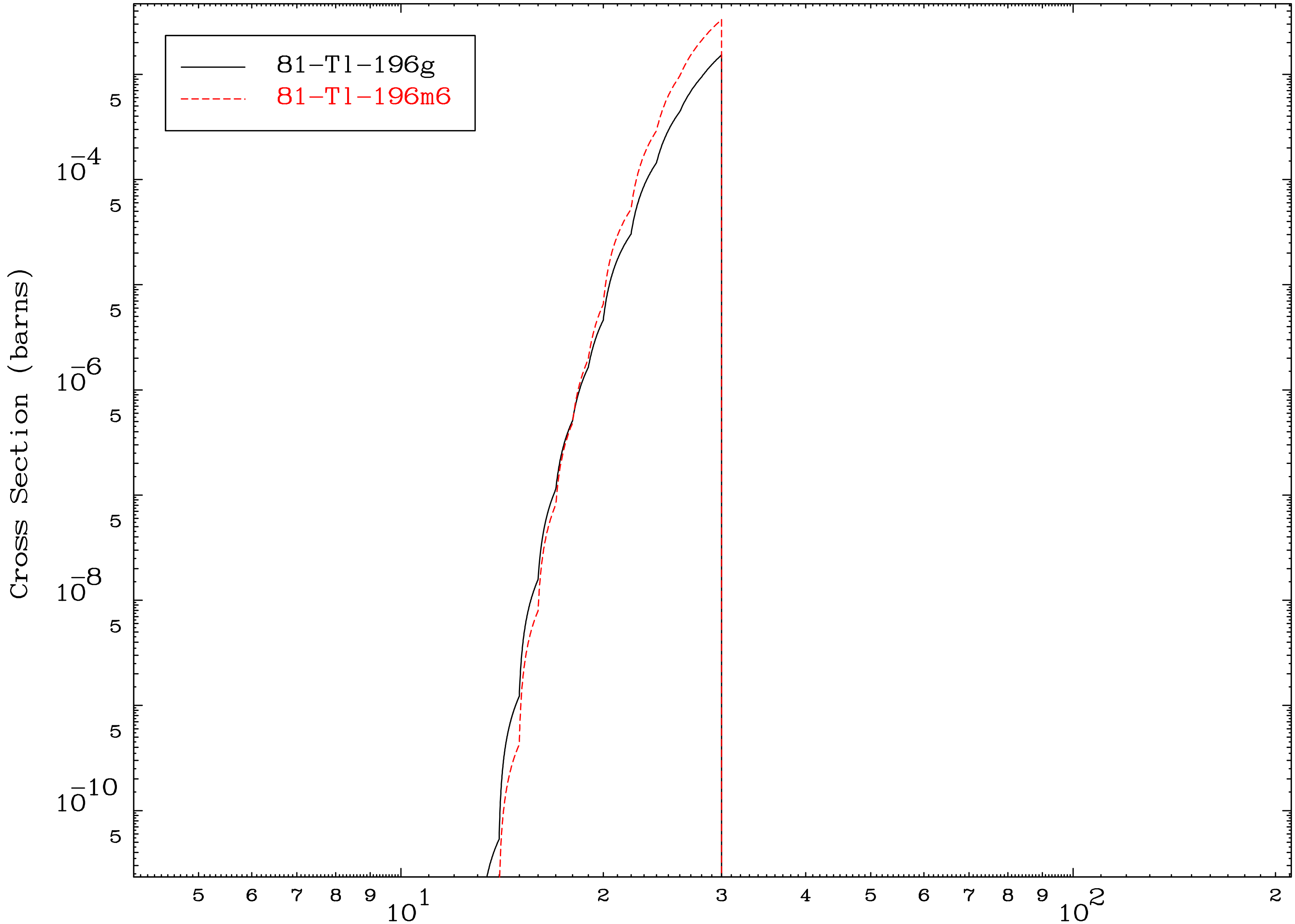

MAT 8213
(d,3n)
82-Pb-200
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
Incident Energy (MeV)
14
82-Pb-200


MAT 8213
Deuteron Fission
82-Pb-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
82-Pb-200
15

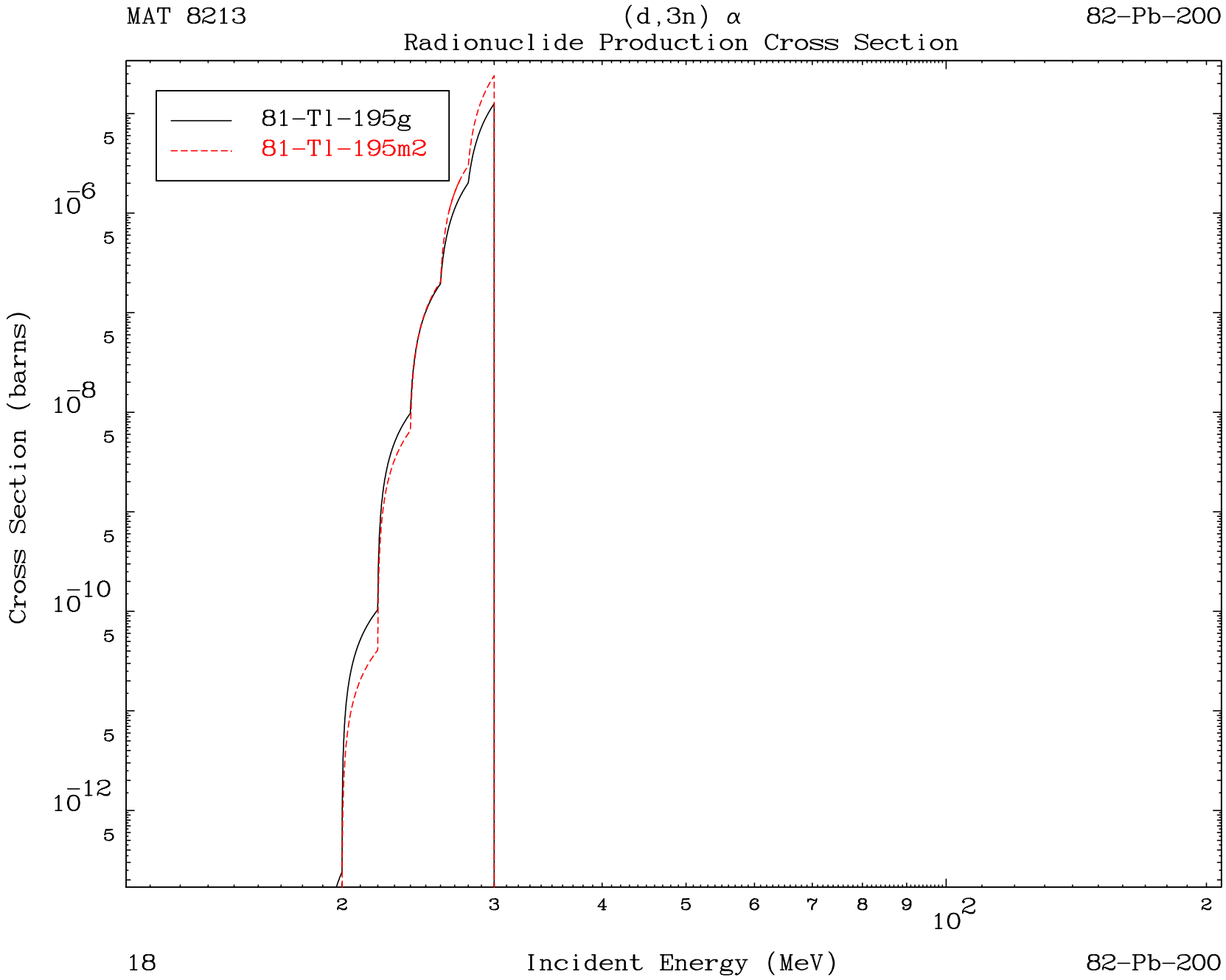

MAT 8213
(d,n') α
82-Pb-200
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
16
82-Pb-200

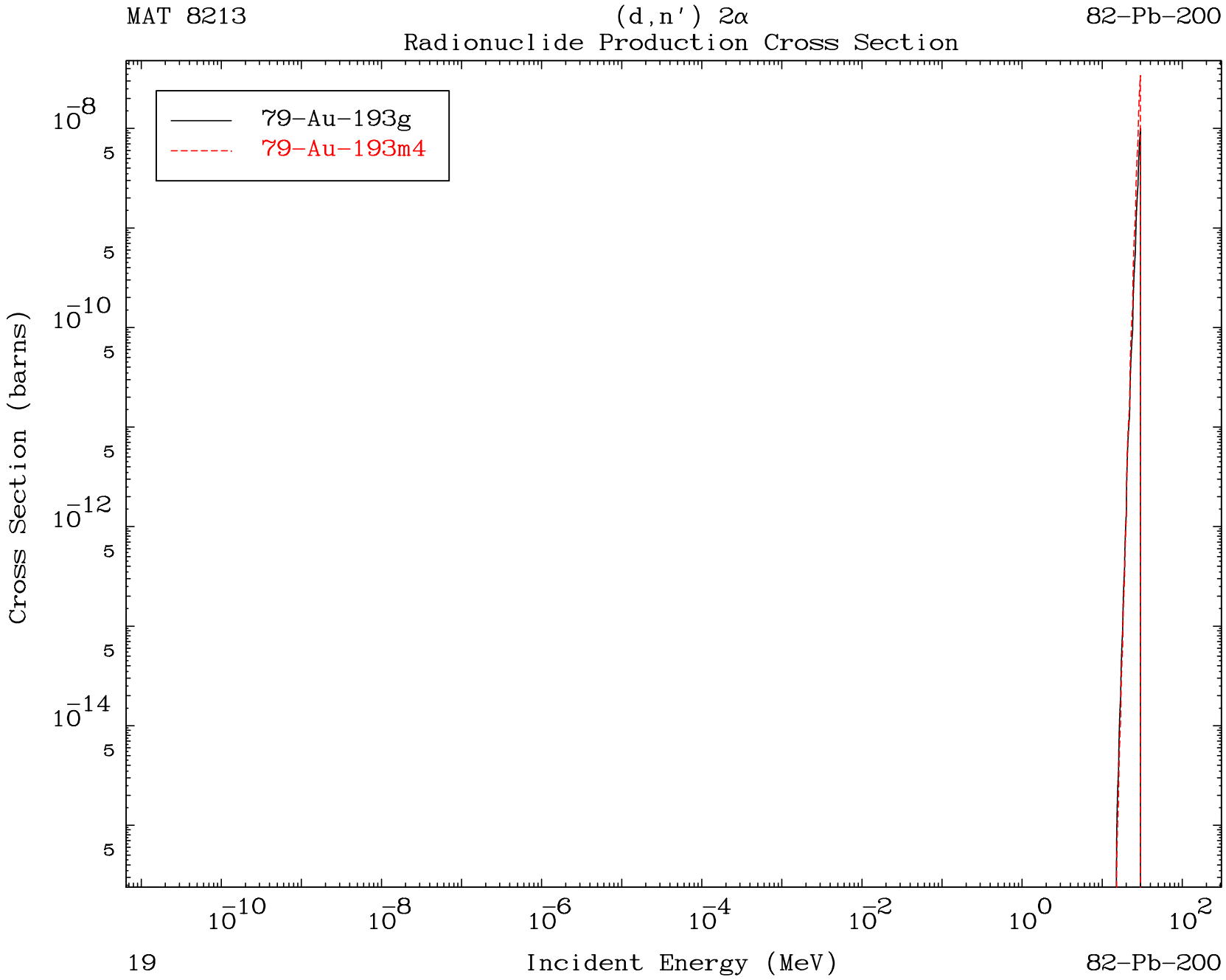
MAT 8213 (d,2n) α 82-Pb-200

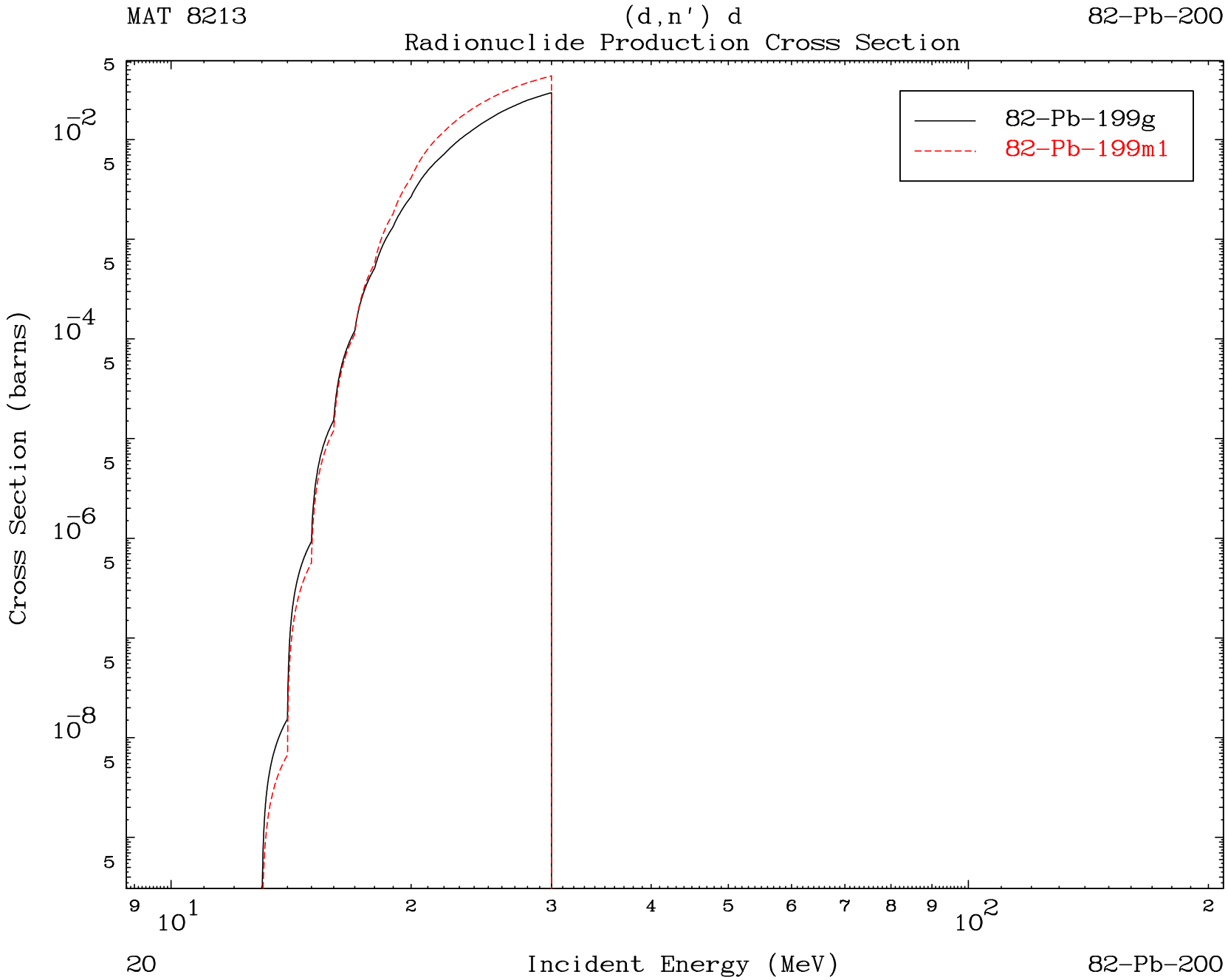
Radionuclide Production Cross Section

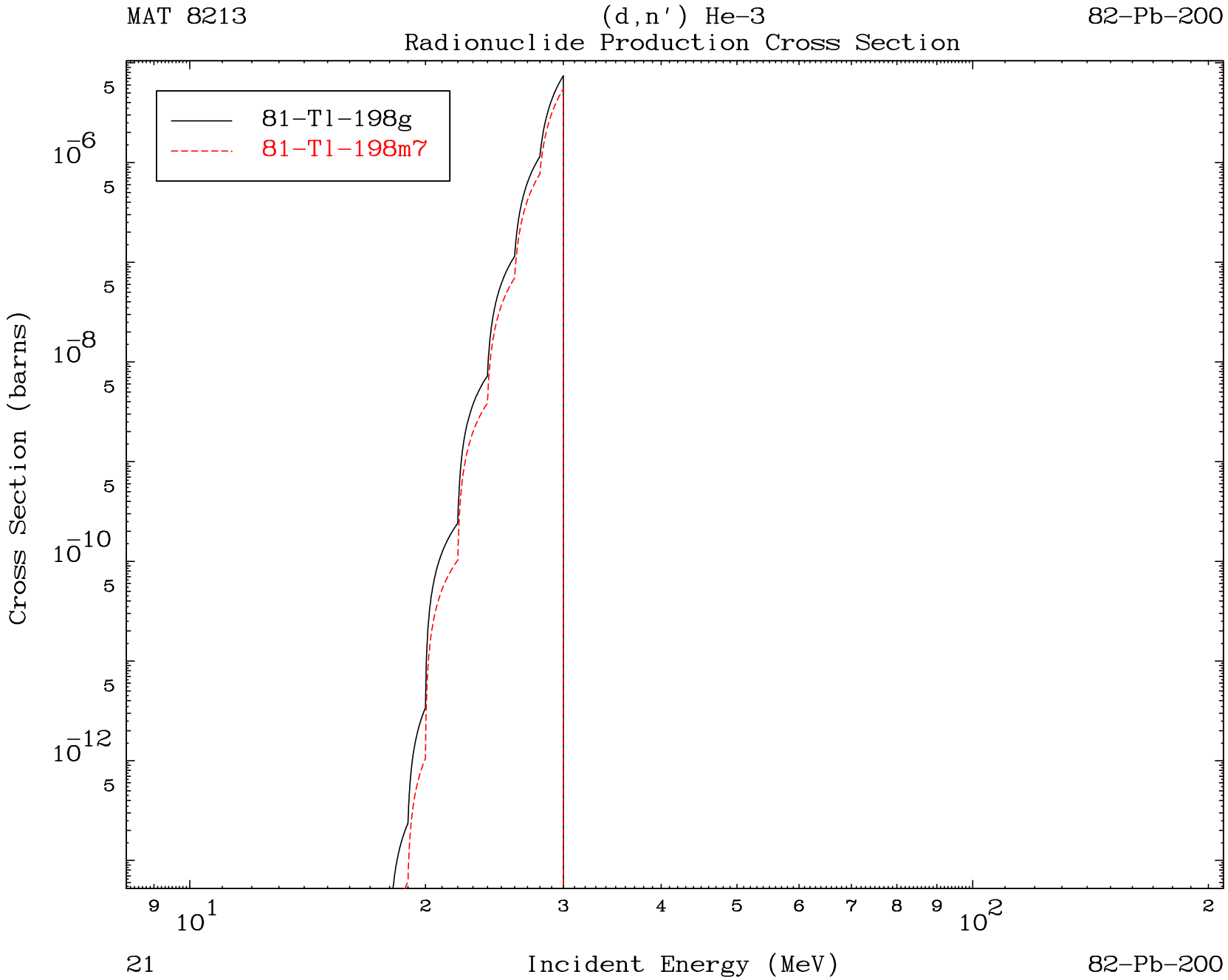


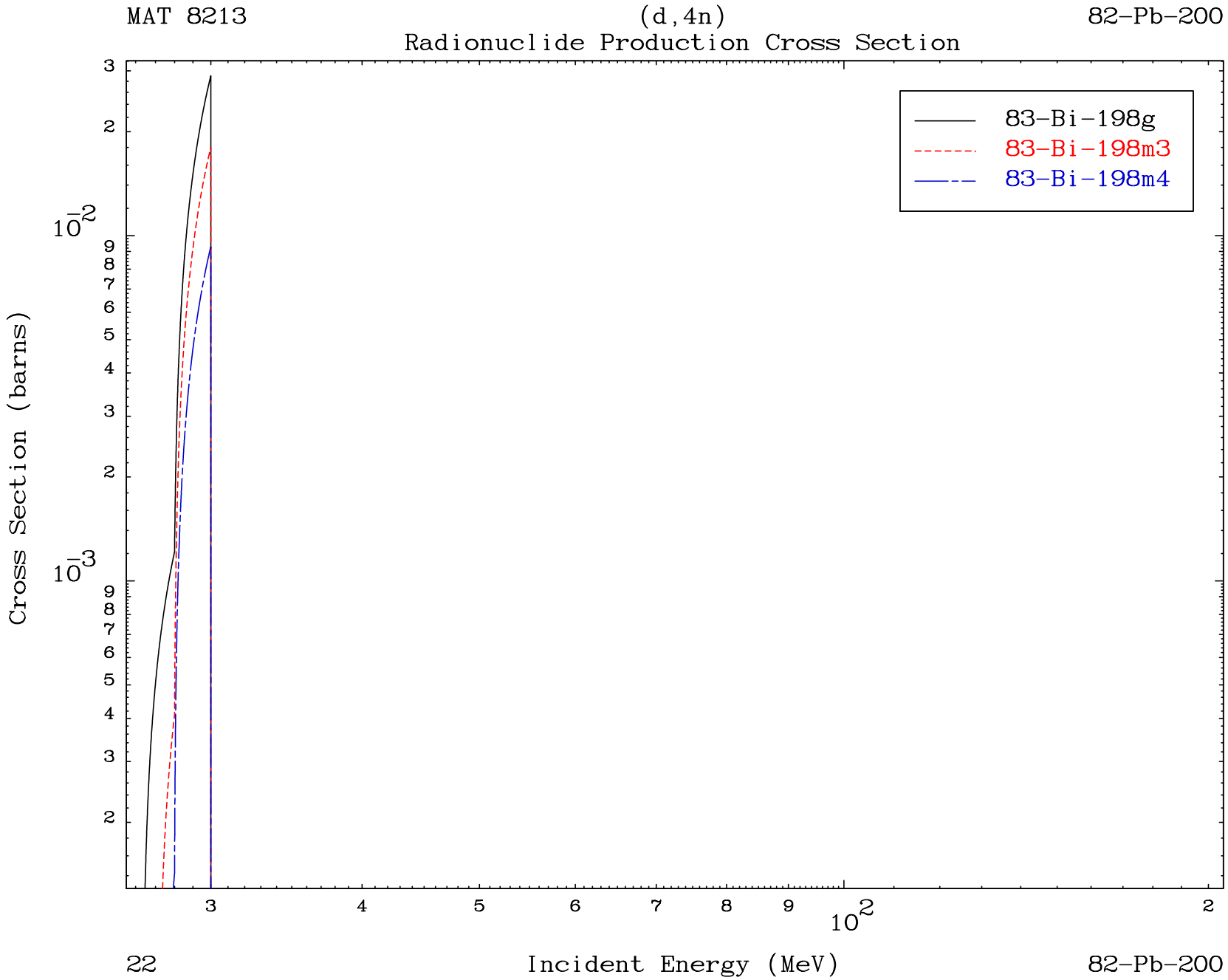
 82-Pb-200

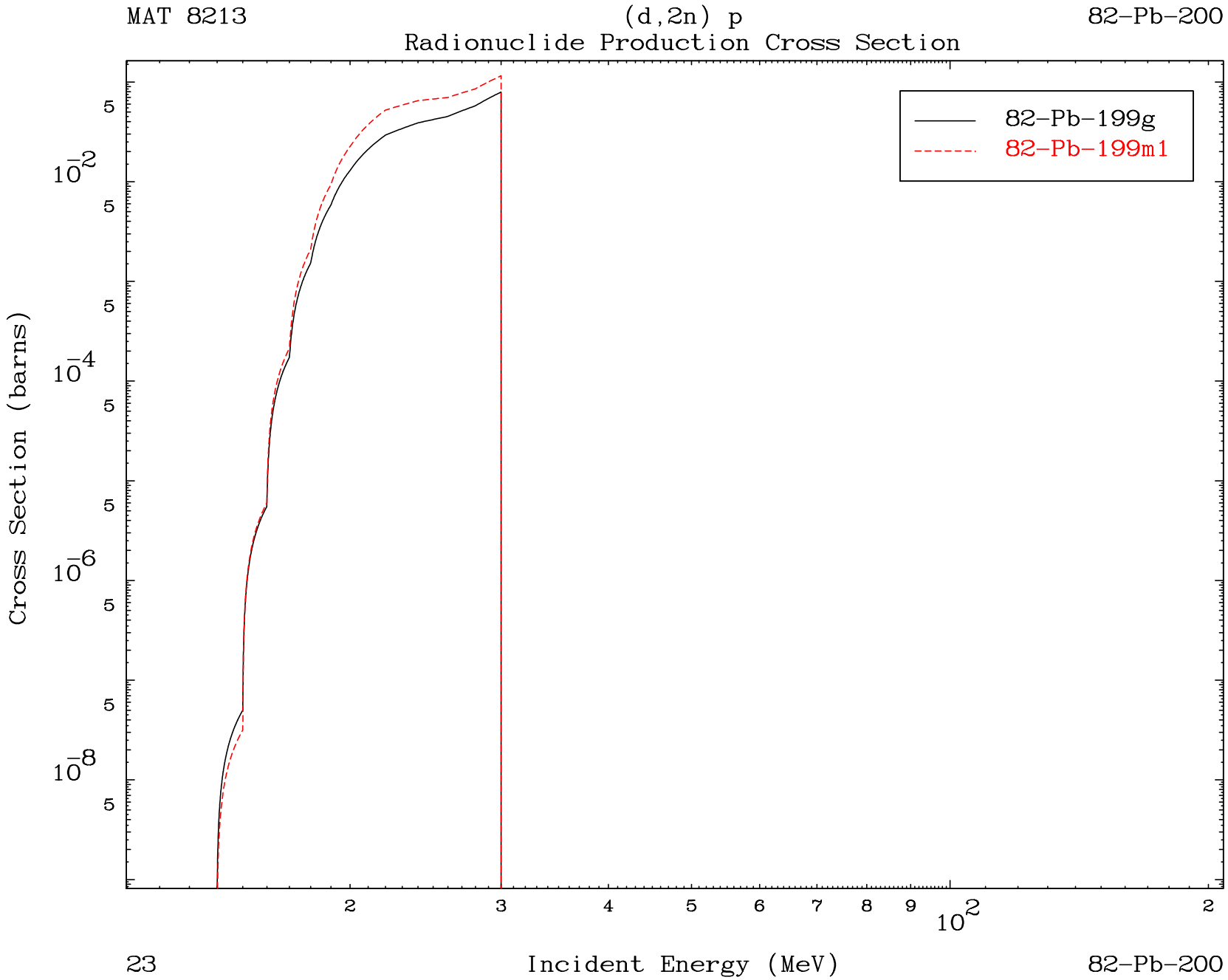

MAT 8213
(d,3n) α
82-Pb-200
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
82-Pb-200

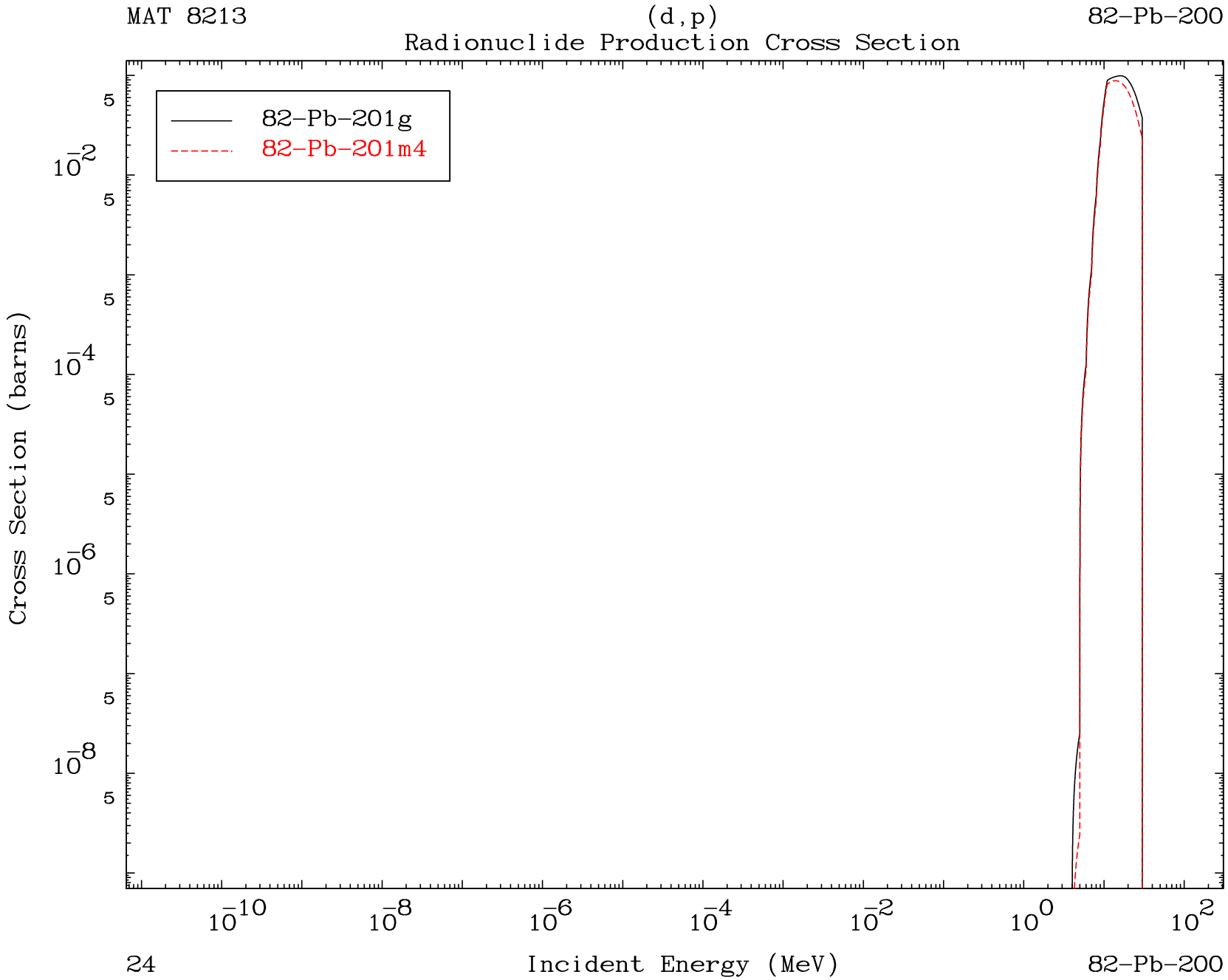

MAT 8213
(d,n') 2α
82-Pb-200
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
19
Incident Energy (MeV)
82-Pb-200

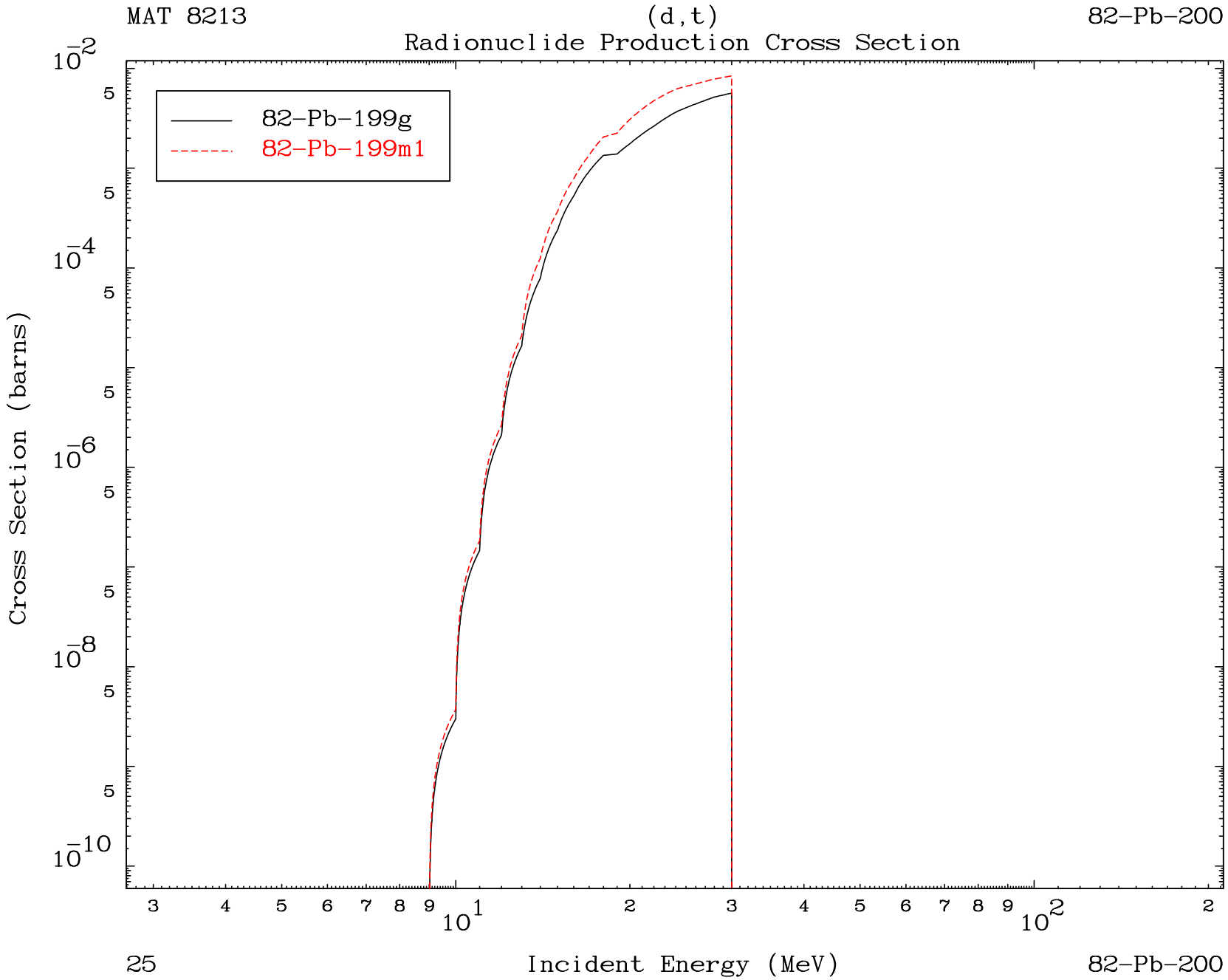

MAT 8213
(d,n') d
82-Pb-200
Radionuclide Production Cross Section
82-Pb-199g
82-Pb-199m1
Cross Section (barns)
Incident Energy (MeV)
20
82-Pb-200

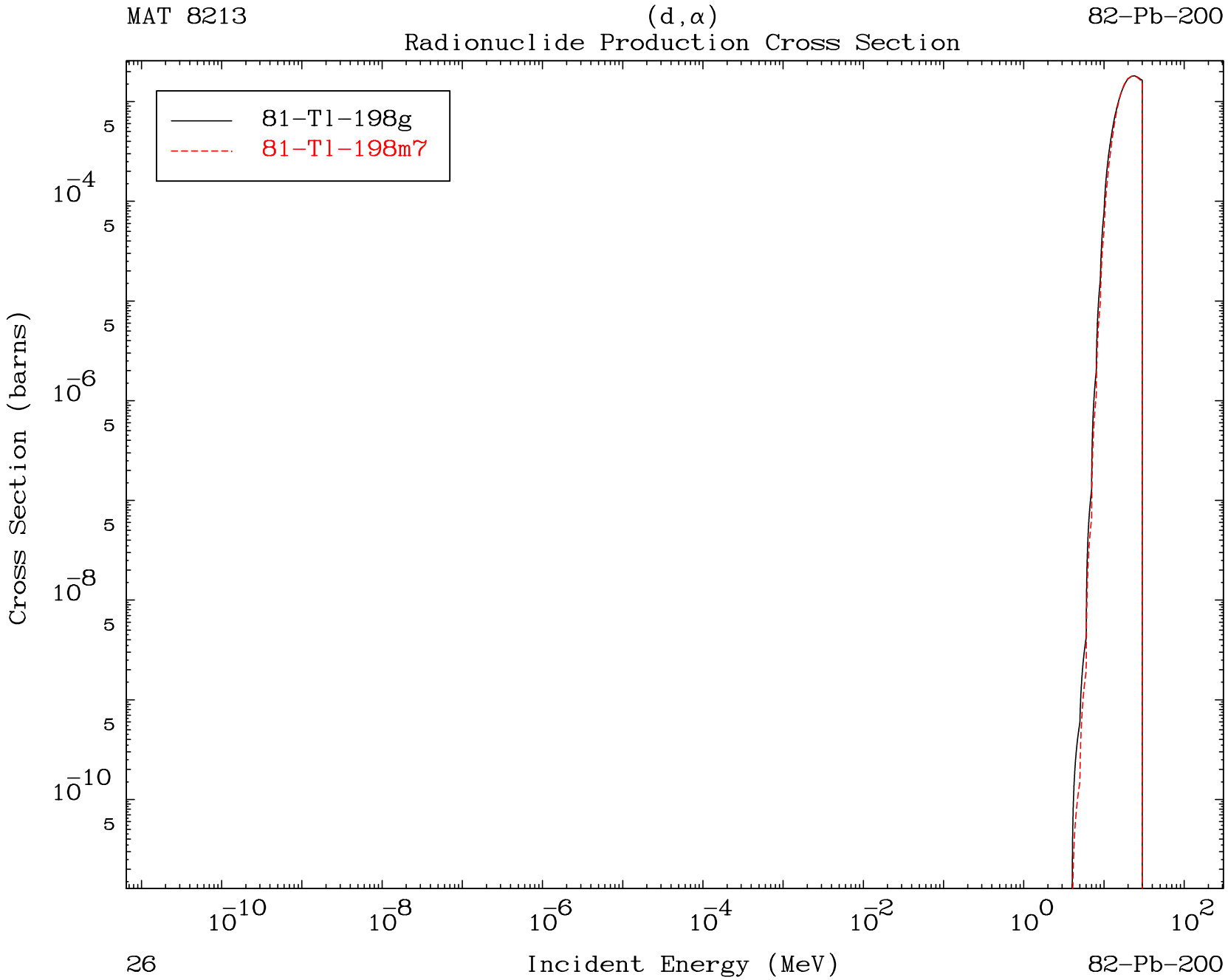

MAT 8213
(d,n') He-3
82-Pb-200
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
82-Pb-200

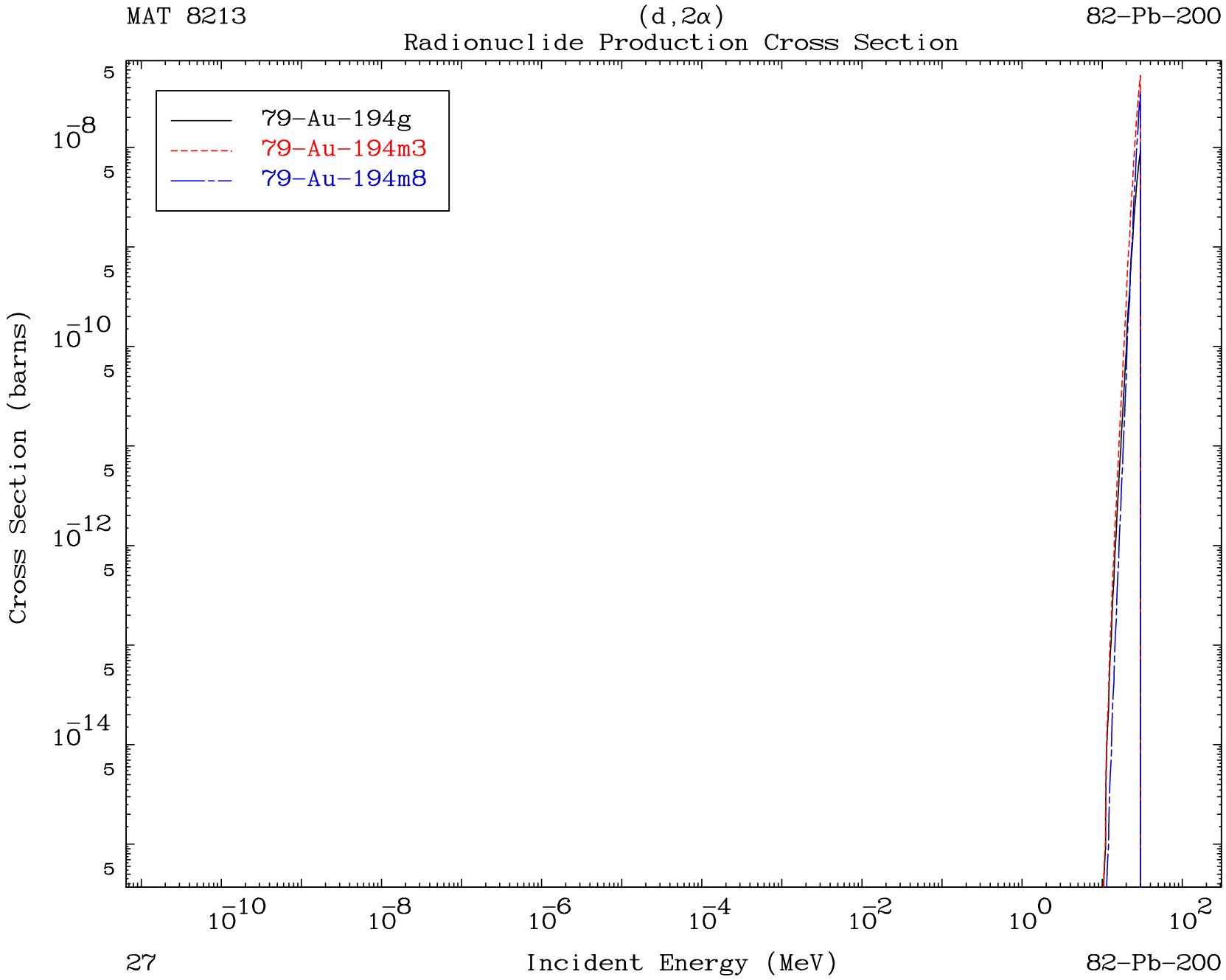

MAT 8213
(d,4n)
82-Pb-200
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
10-2
10-3
3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
82-Pb-200

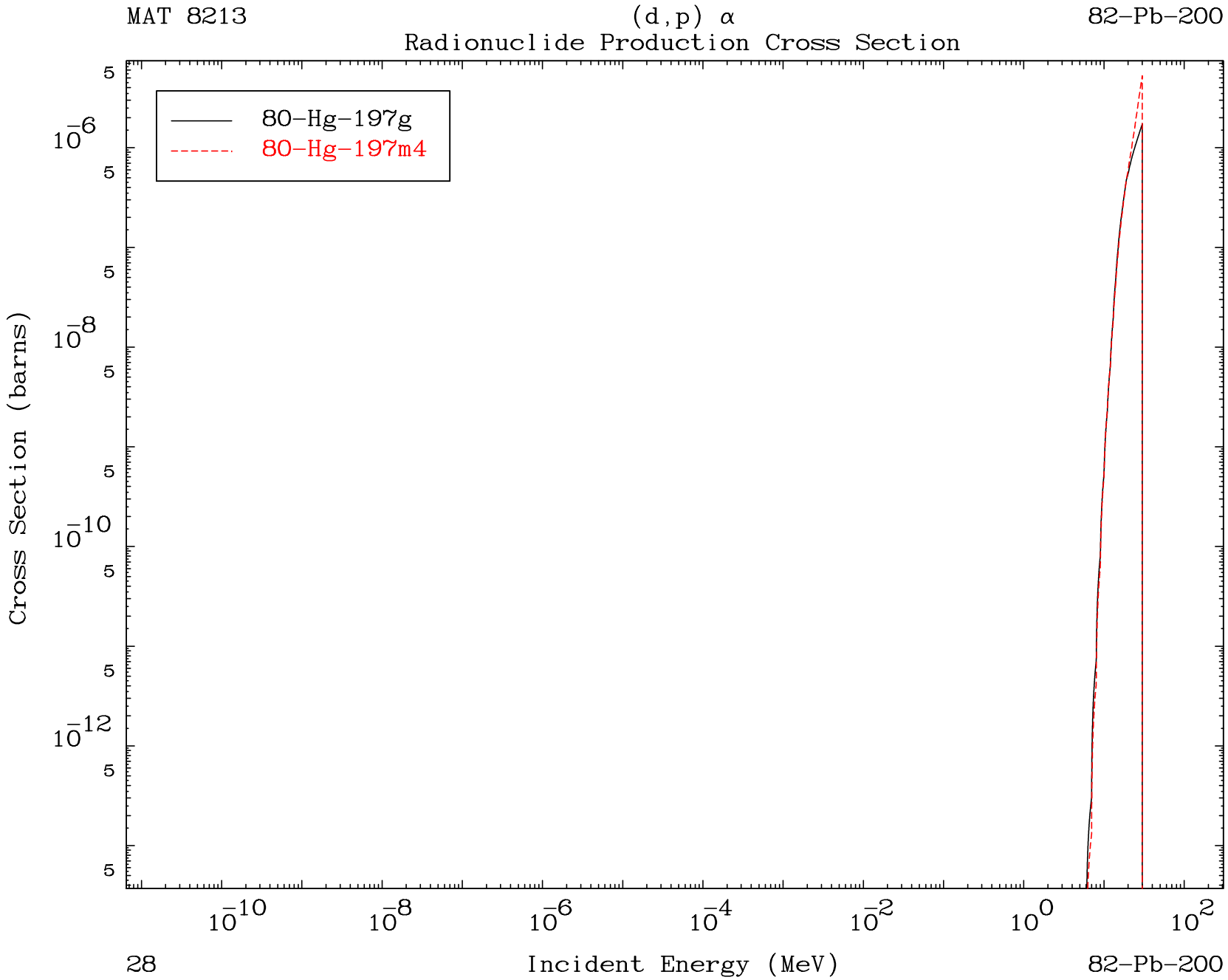

MAT 8213
(d,2n) p
82-Pb-200
Radionuclide Production Cross Section
82-Pb-199g
82-Pb-199m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
23
Incident Energy (MeV)
82-Pb-200

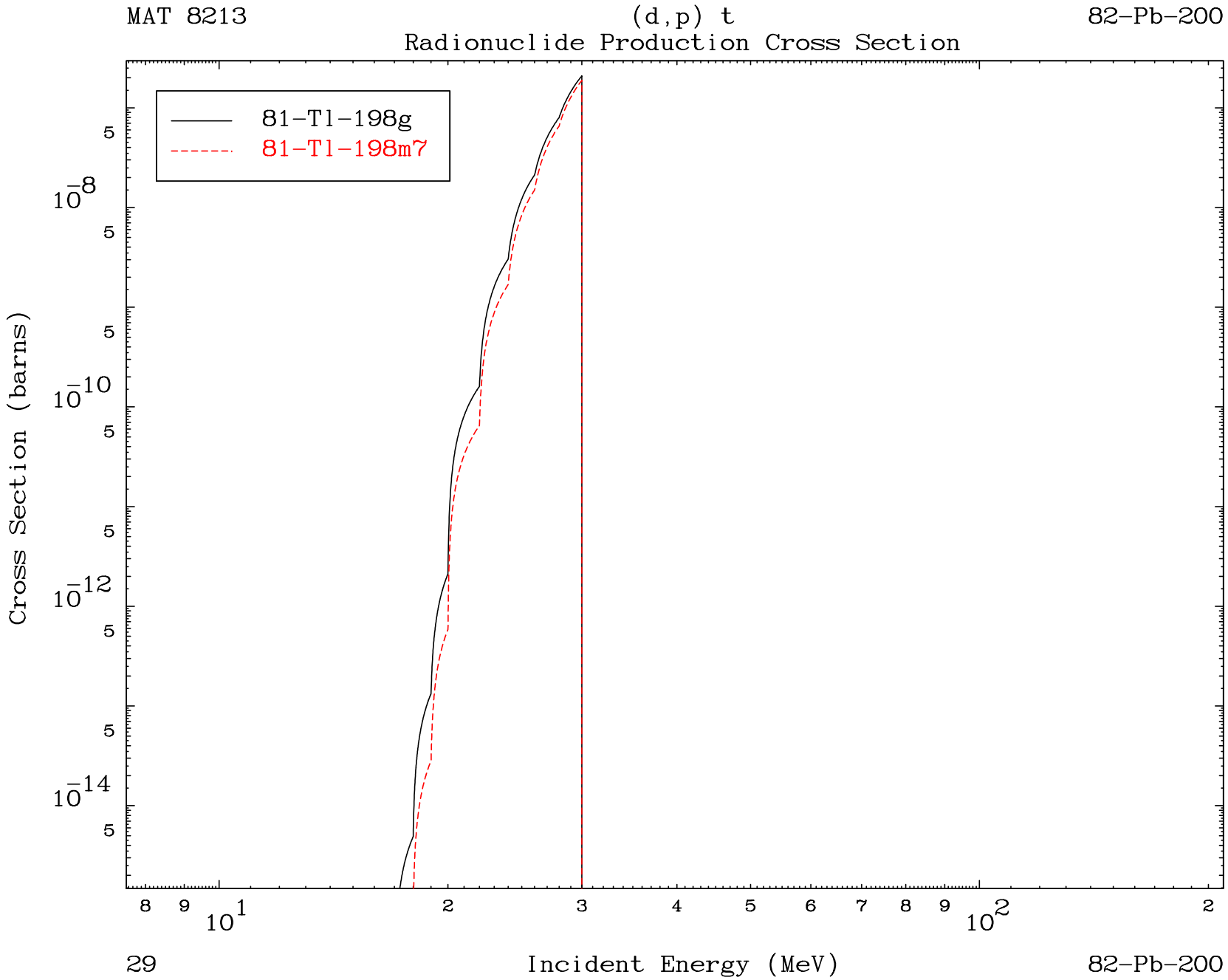

MAT 8213
(d,p)
82-Pb-200
Radionuclide Production Cross Section
82-Pb-201g
82-Pb-201m4
Cross Section (barns)
Incident Energy (MeV)
24
82-Pb-200


MAT 8213
(d,t)
82-Pb-200
Radionuclide Production Cross Section
82-Pb-199g
82-Pb-199m1
Cross Section (barns)
Incident Energy (MeV)
25
82-Pb-200


MAT 8213
(d,α)
82-Pb-200
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
26
82-Pb-200


MAT 8213
(d,2α)
82-Pb-200
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
27
82-Pb-200


MAT 8213
(d,p) α
82-Pb-200
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
28
82-Pb-200


MAT 8213
(d,p) t
82-Pb-200
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
29
Incident Energy (MeV)
82-Pb-200