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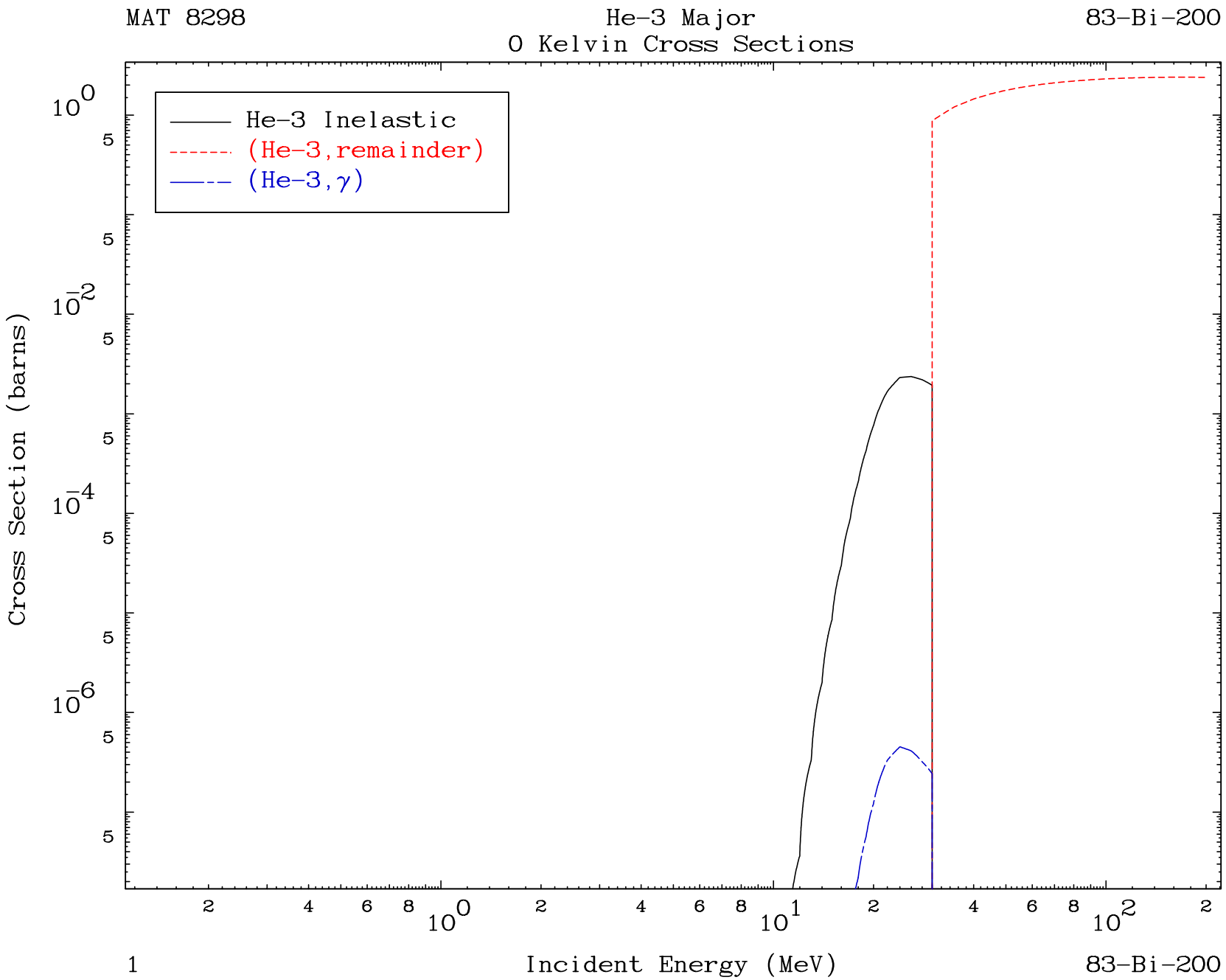
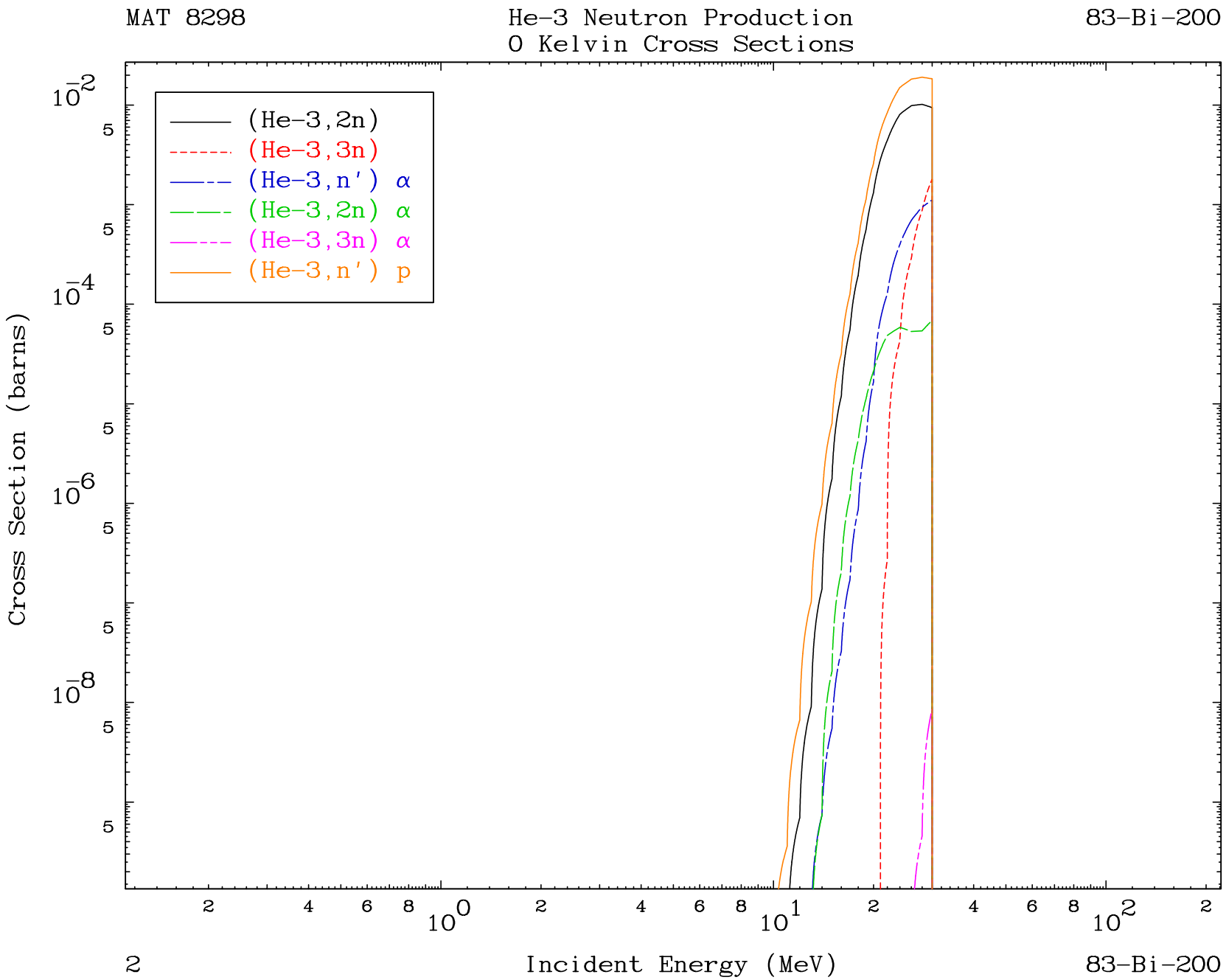
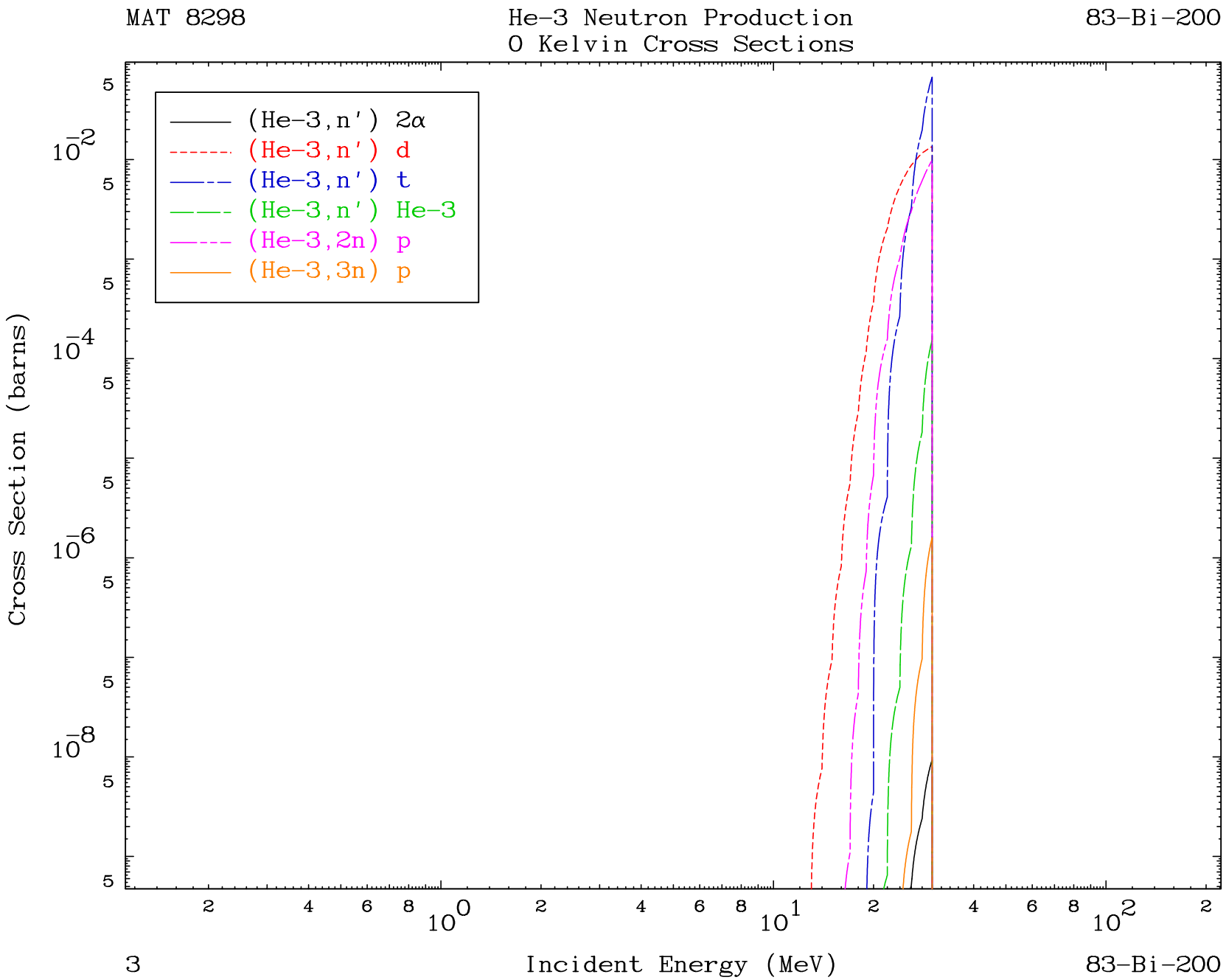
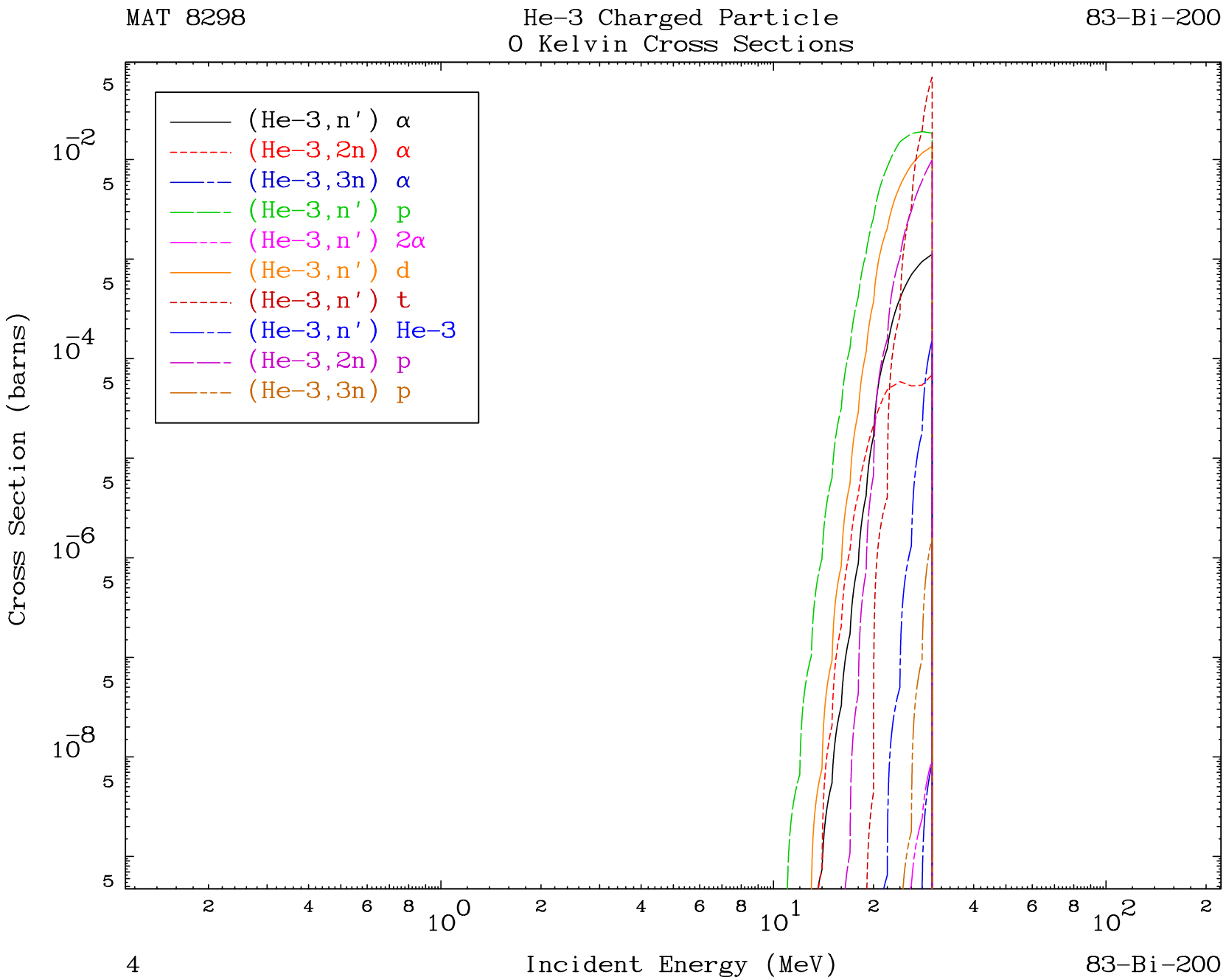
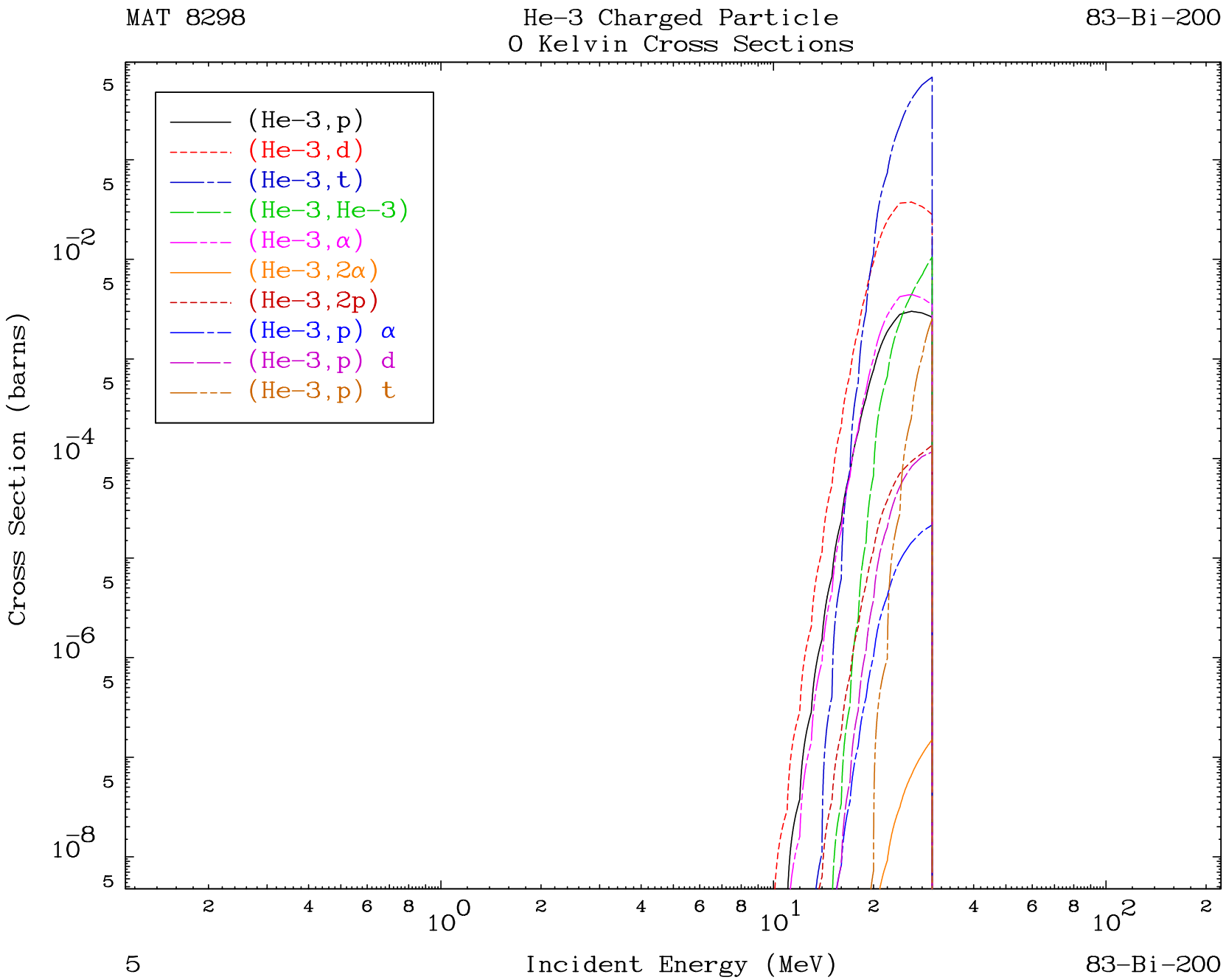
Press Mouse Button to Start

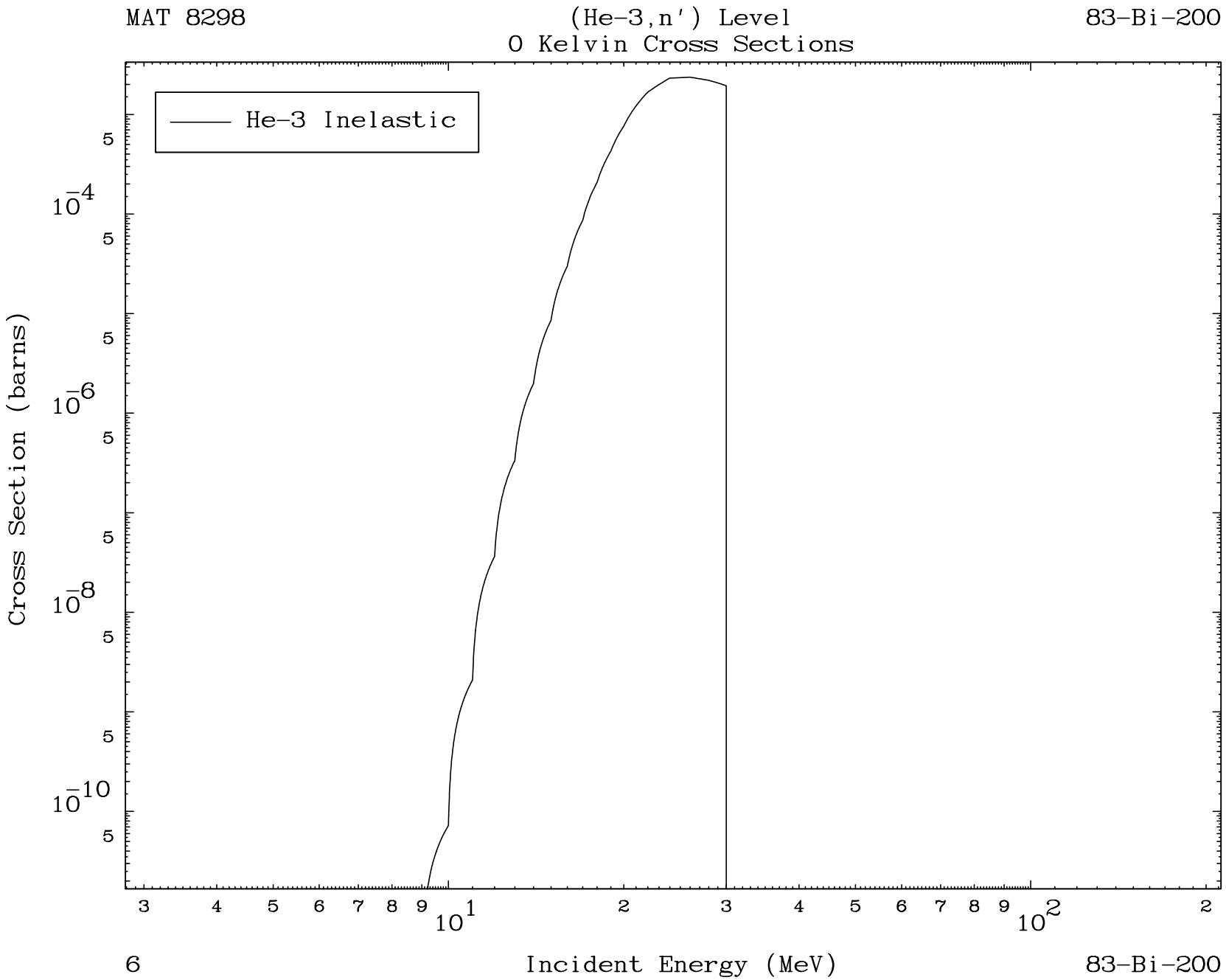

MAT 8298
He-3 Major
0 Kelvin Cross Sections
83-Bi-200
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200

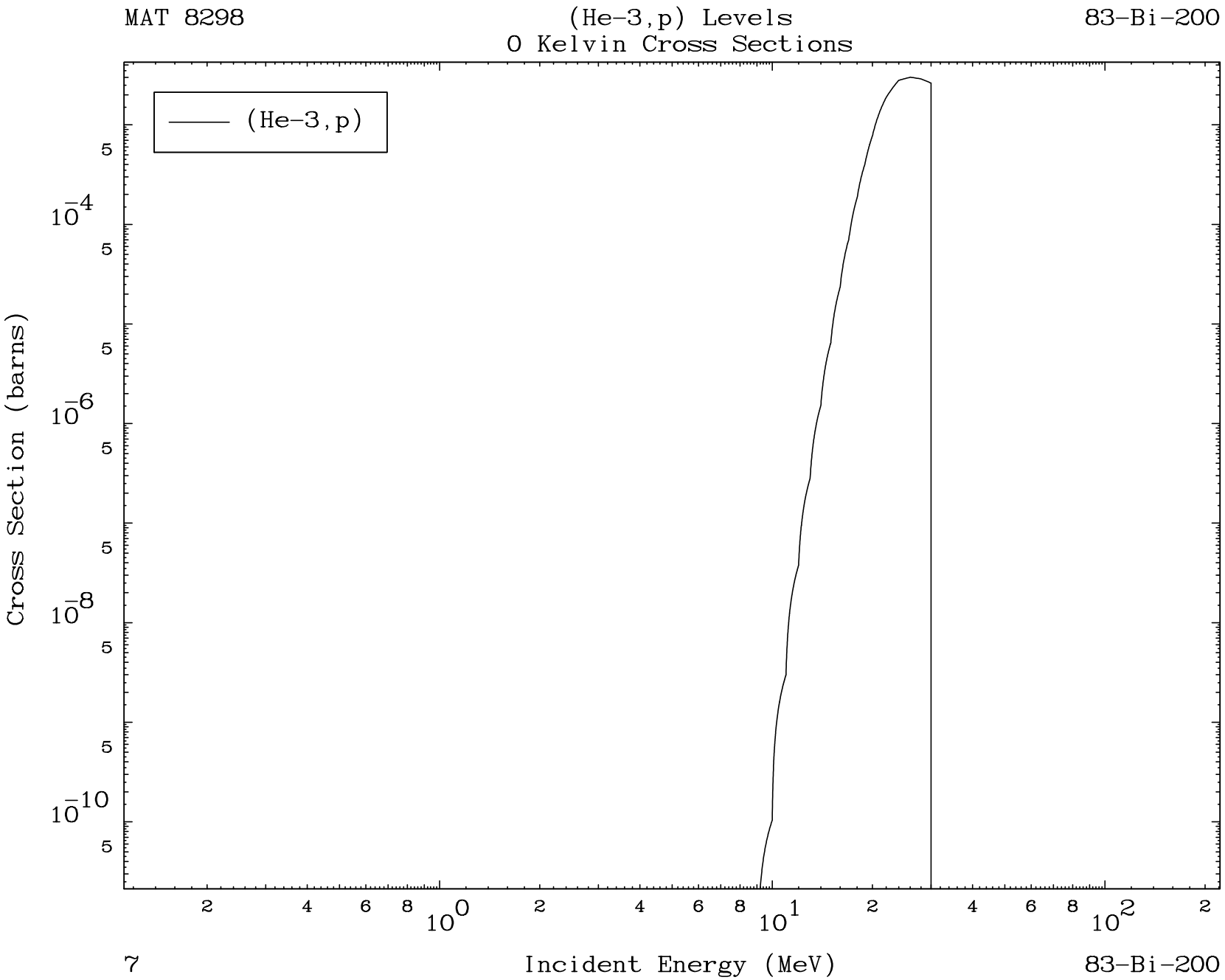

MAT 8298
He-3 Neutron Production
0 Kelvin Cross Sections
83-Bi-200
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
2
83-Bi-200

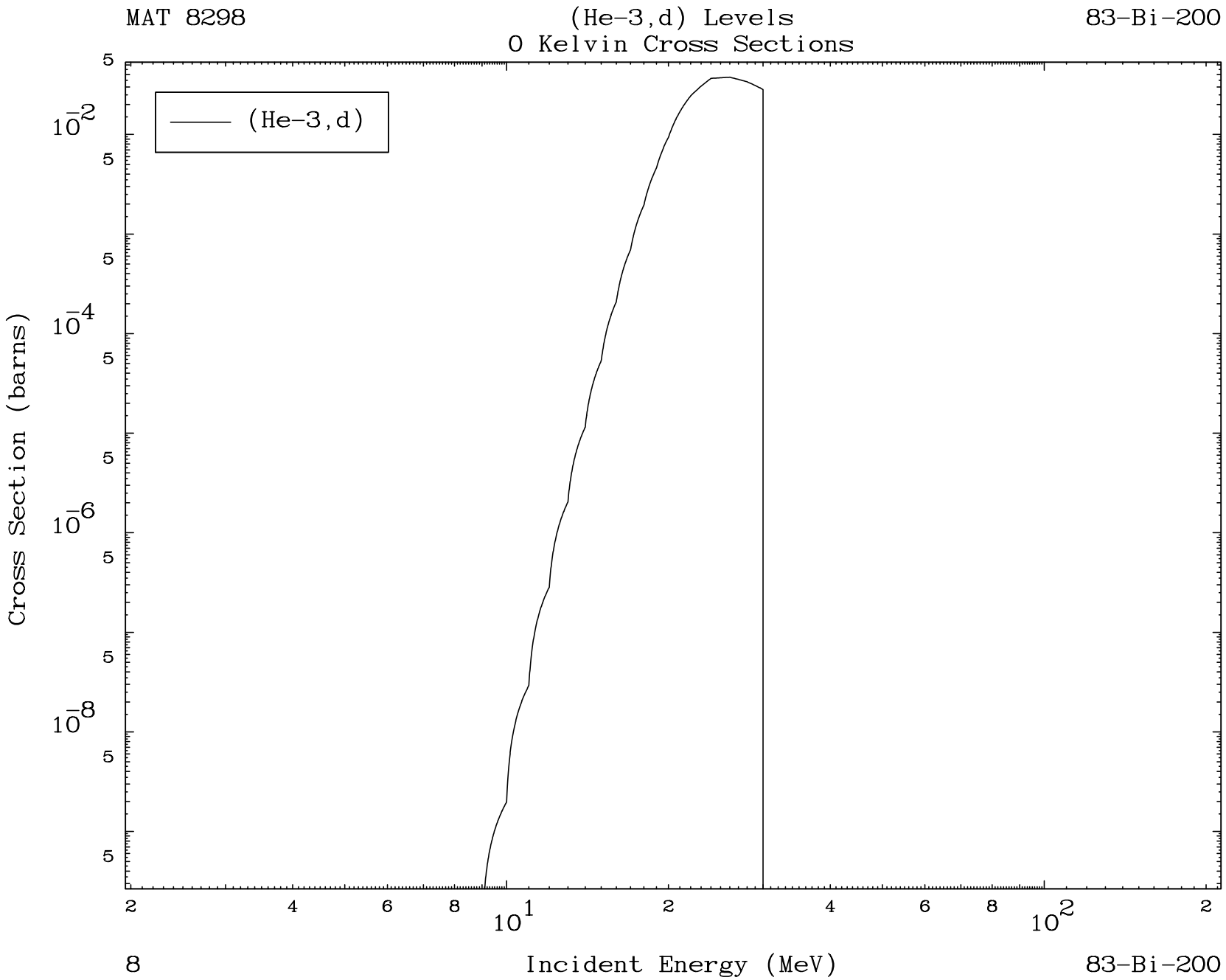

MAT 8298
He-3 Neutron Production
0 Kelvin Cross Sections
83-Bi-200
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
83-Bi-200

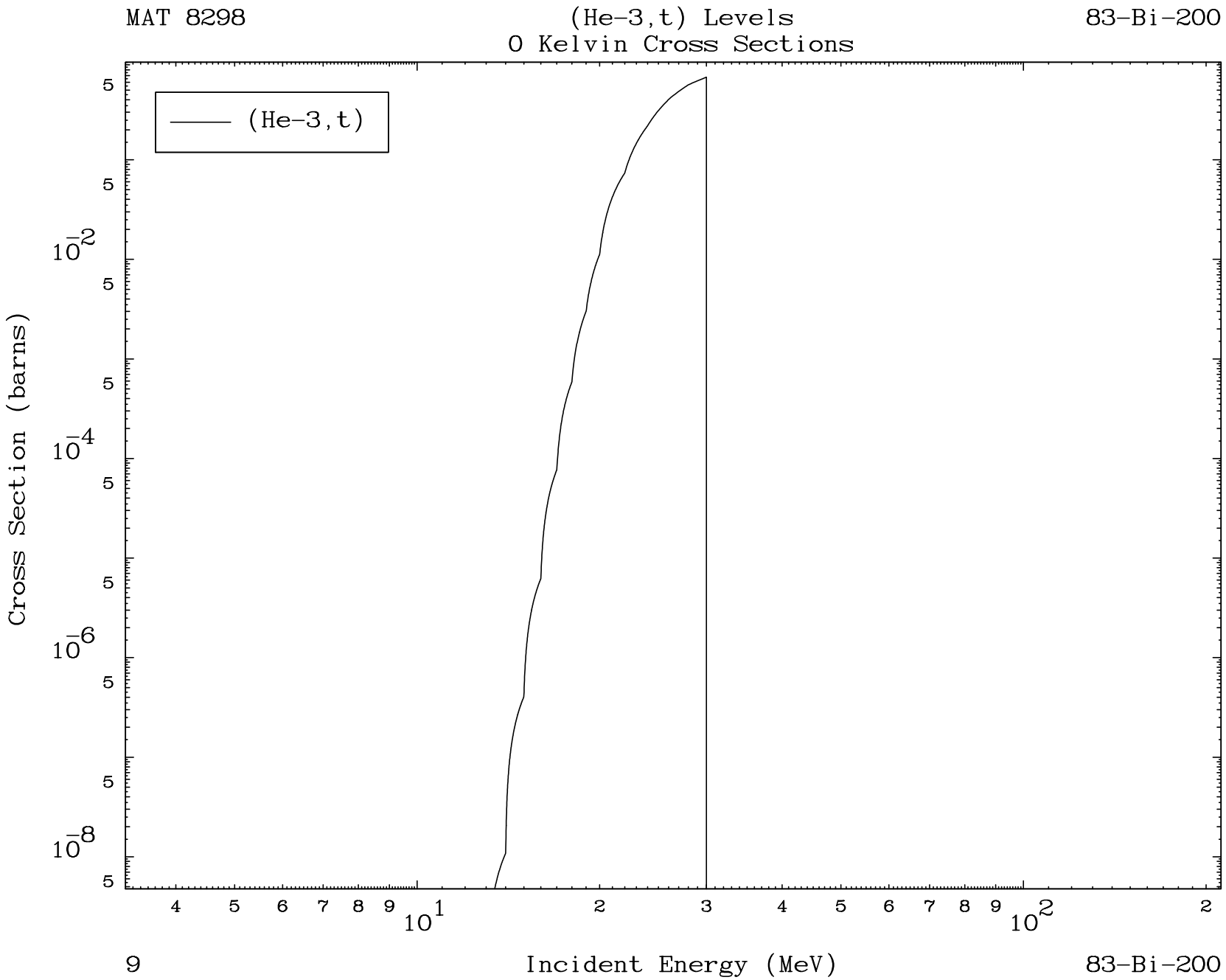

MAT 8298
He-3 Charged Particle
0 Kelvin Cross Sections
83-Bi-200
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-200

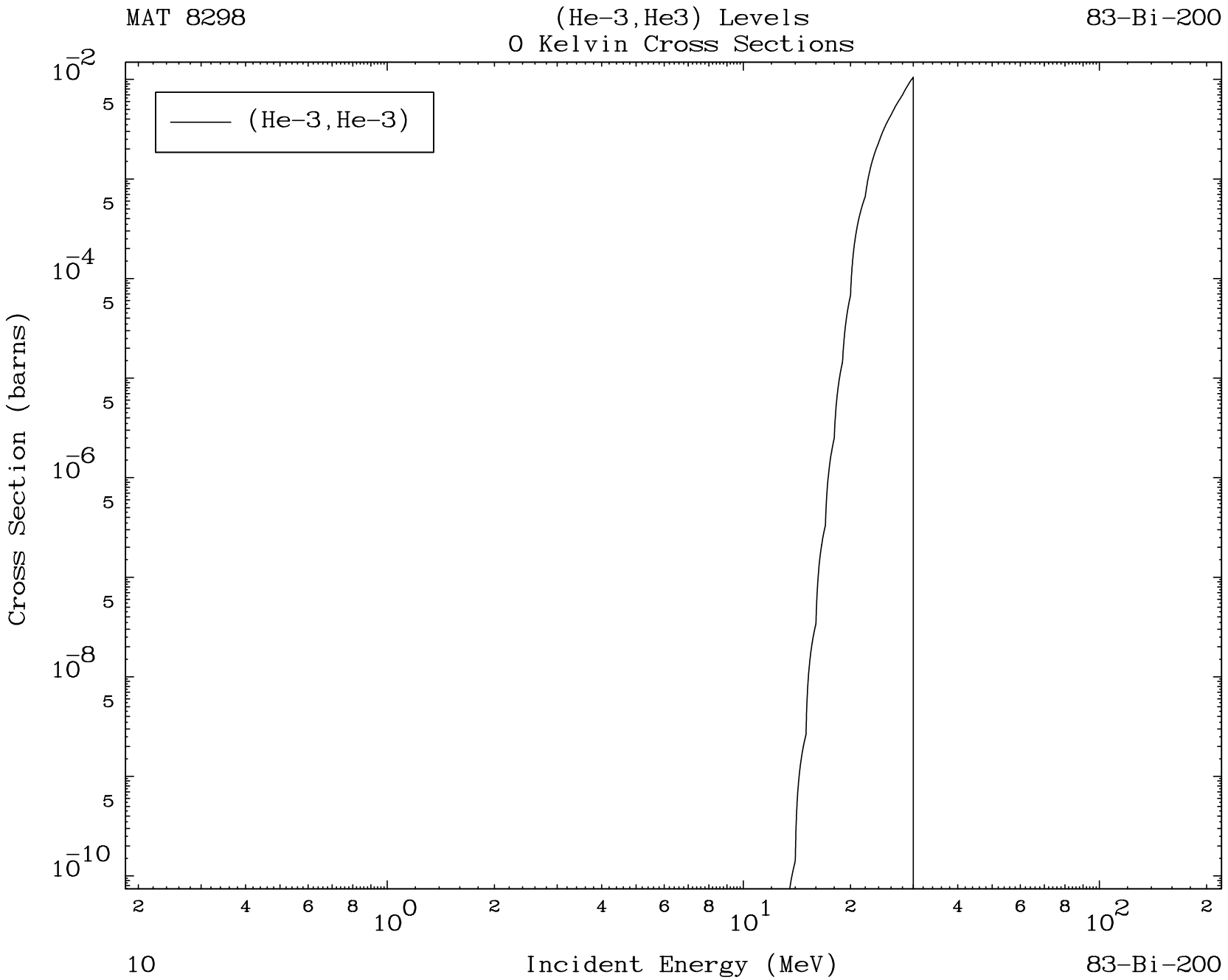

MAT 8298
He-3 Charged Particle
0 Kelvin Cross Sections
83-Bi-200
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200

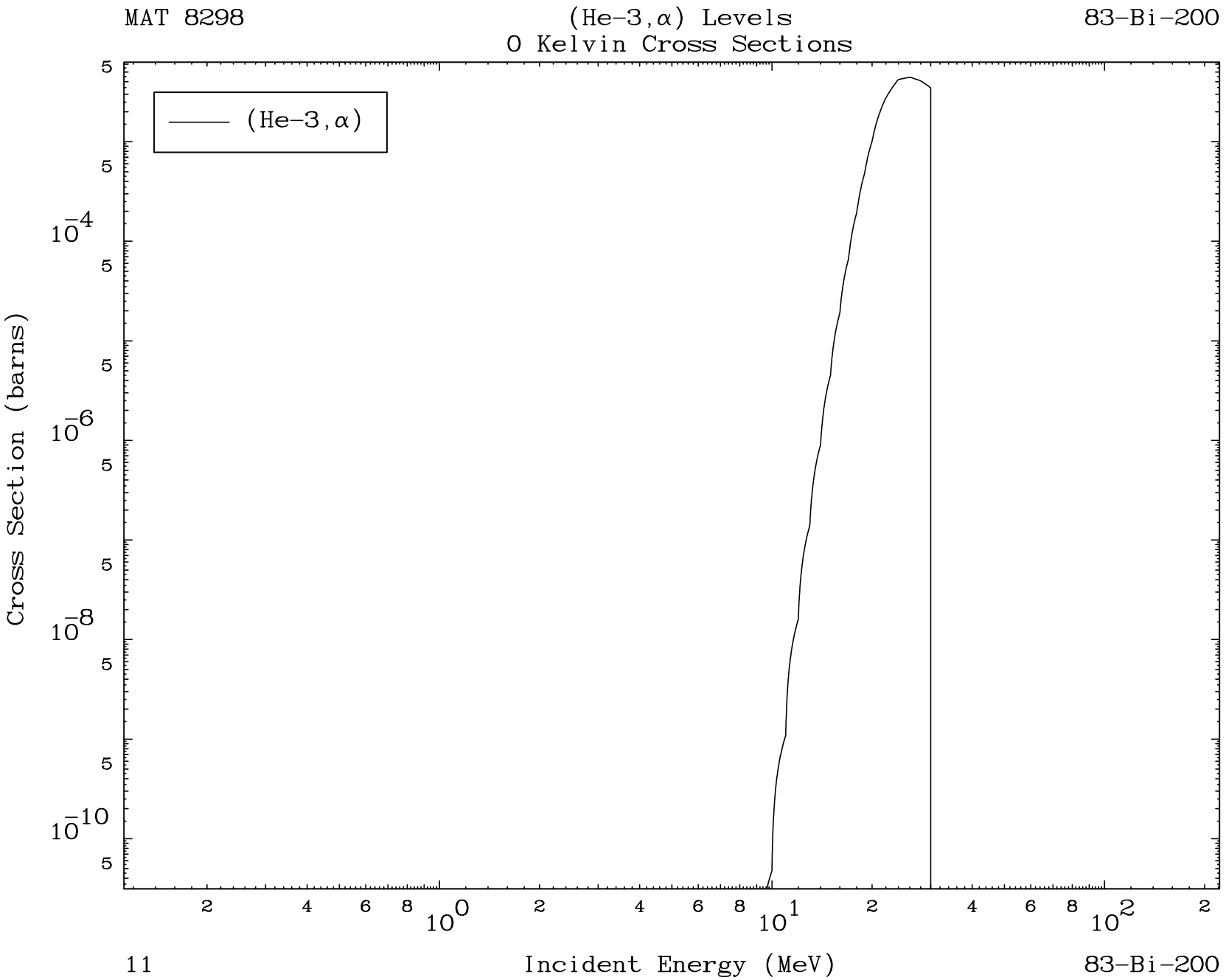

MAT 8298
(He-3,n') Level
83-Bi-200
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
6
Incident Energy (MeV)
83-Bi-200

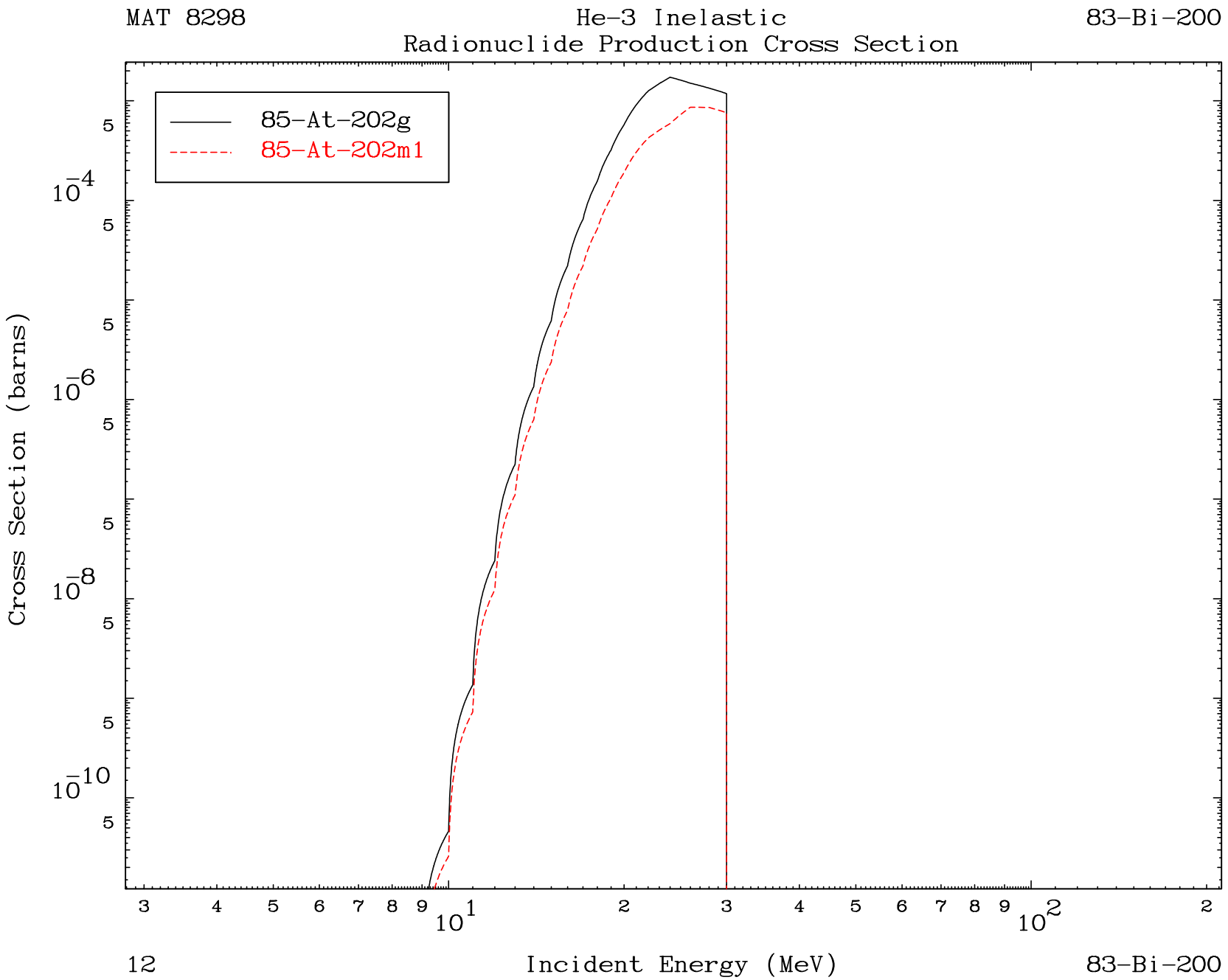

MAT 8298
(He-3,p) Levels
0 Kelvin Cross Sections
83-Bi-200
(He-3,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
7
83-Bi-200

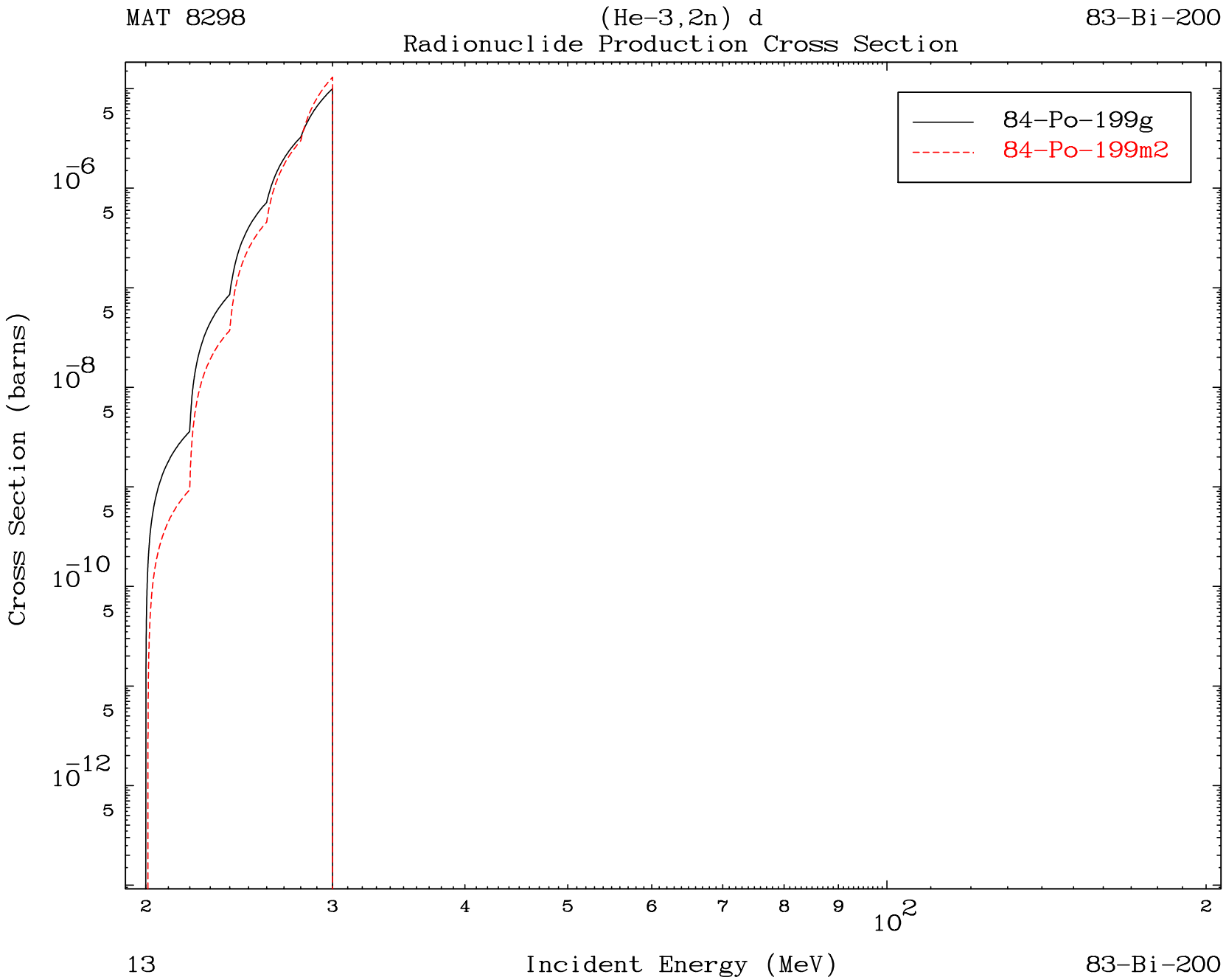

MAT 8298
(He-3,d) Levels
83-Bi-200
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
83-Bi-200

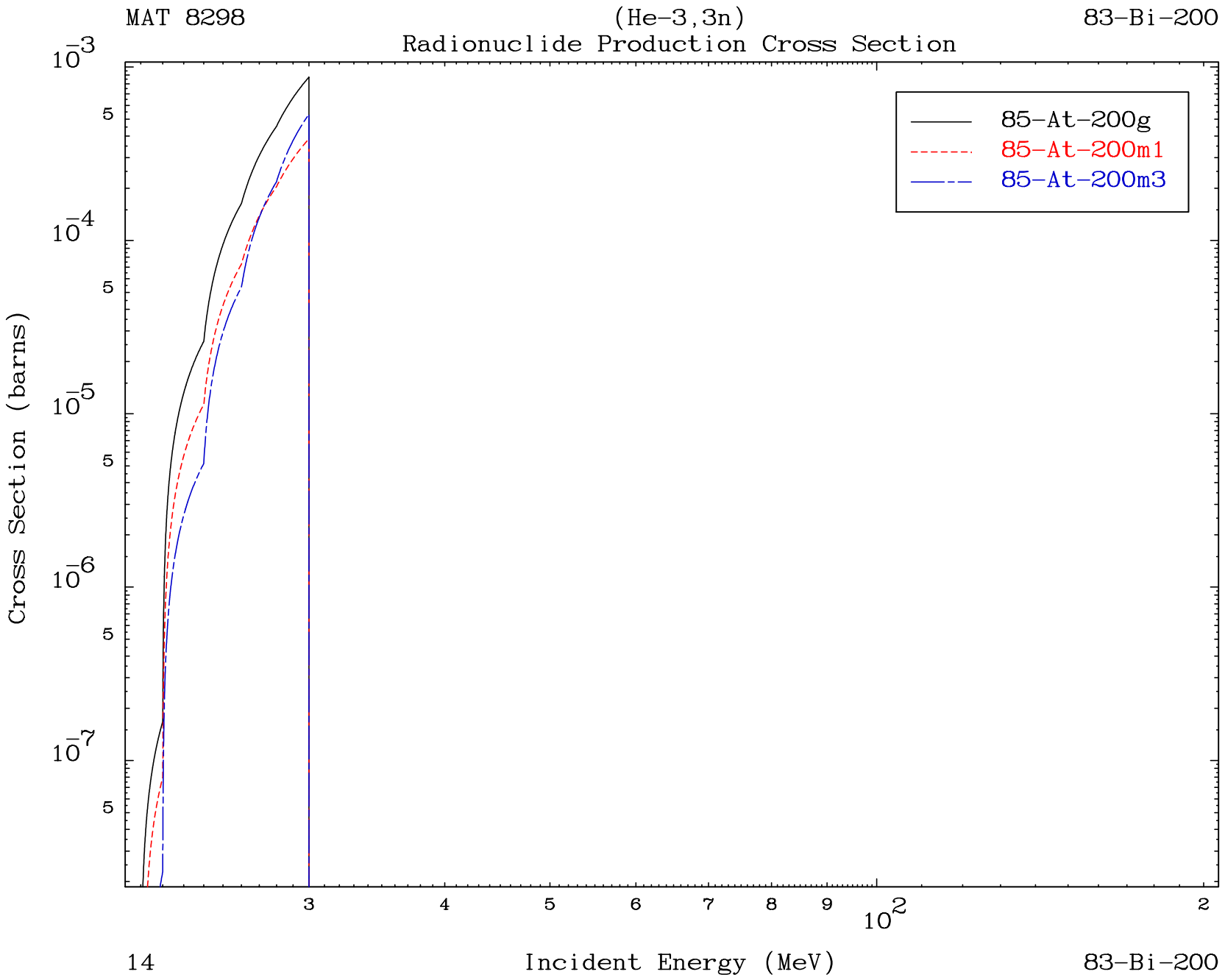

MAT 8298
(He-3,t) Levels
83-Bi-200
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-200

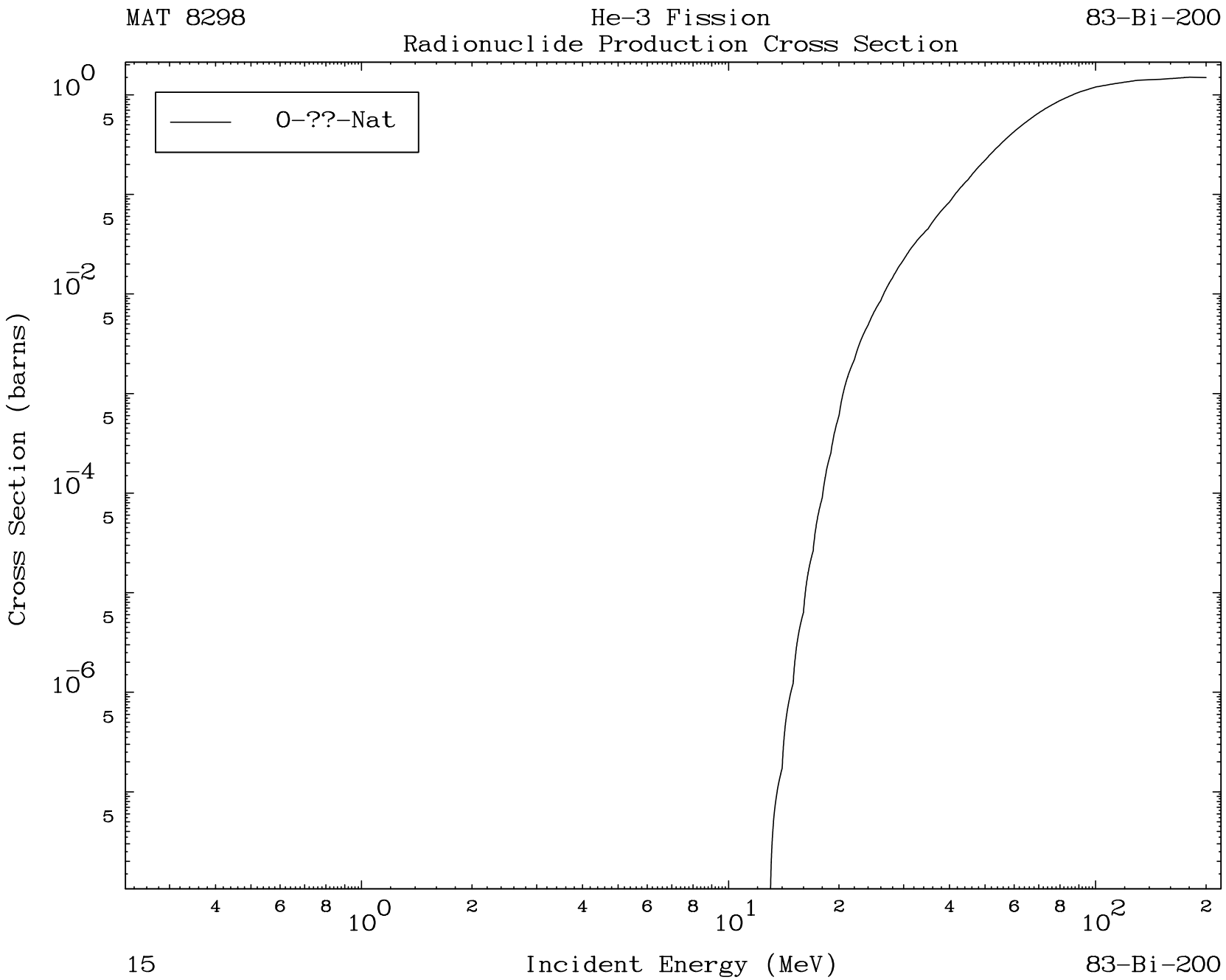

MAT 8298
(He-3,He3) Levels
83-Bi-200
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-200

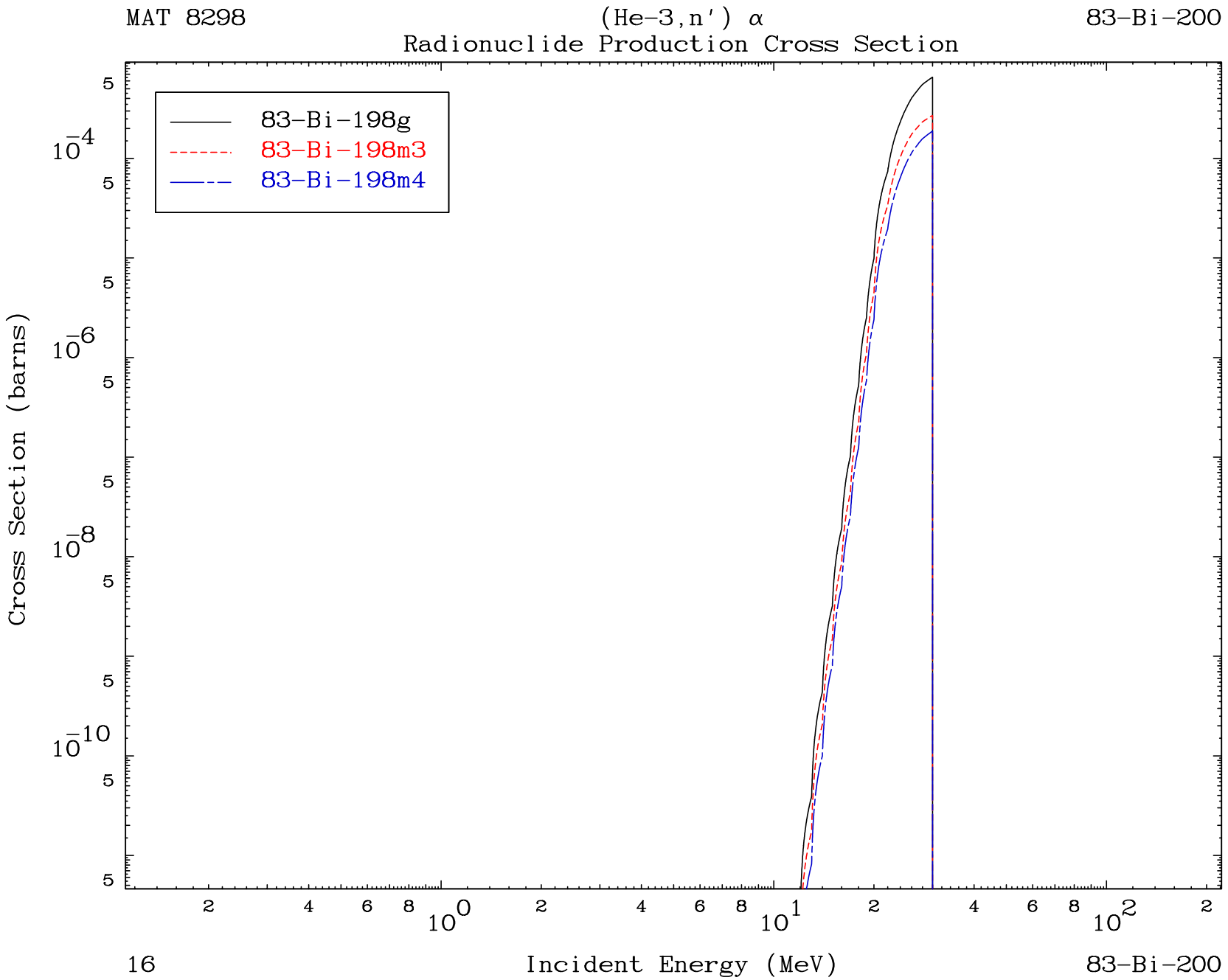

MAT 8298
(He-3,α) Levels
83-Bi-200
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
83-Bi-200

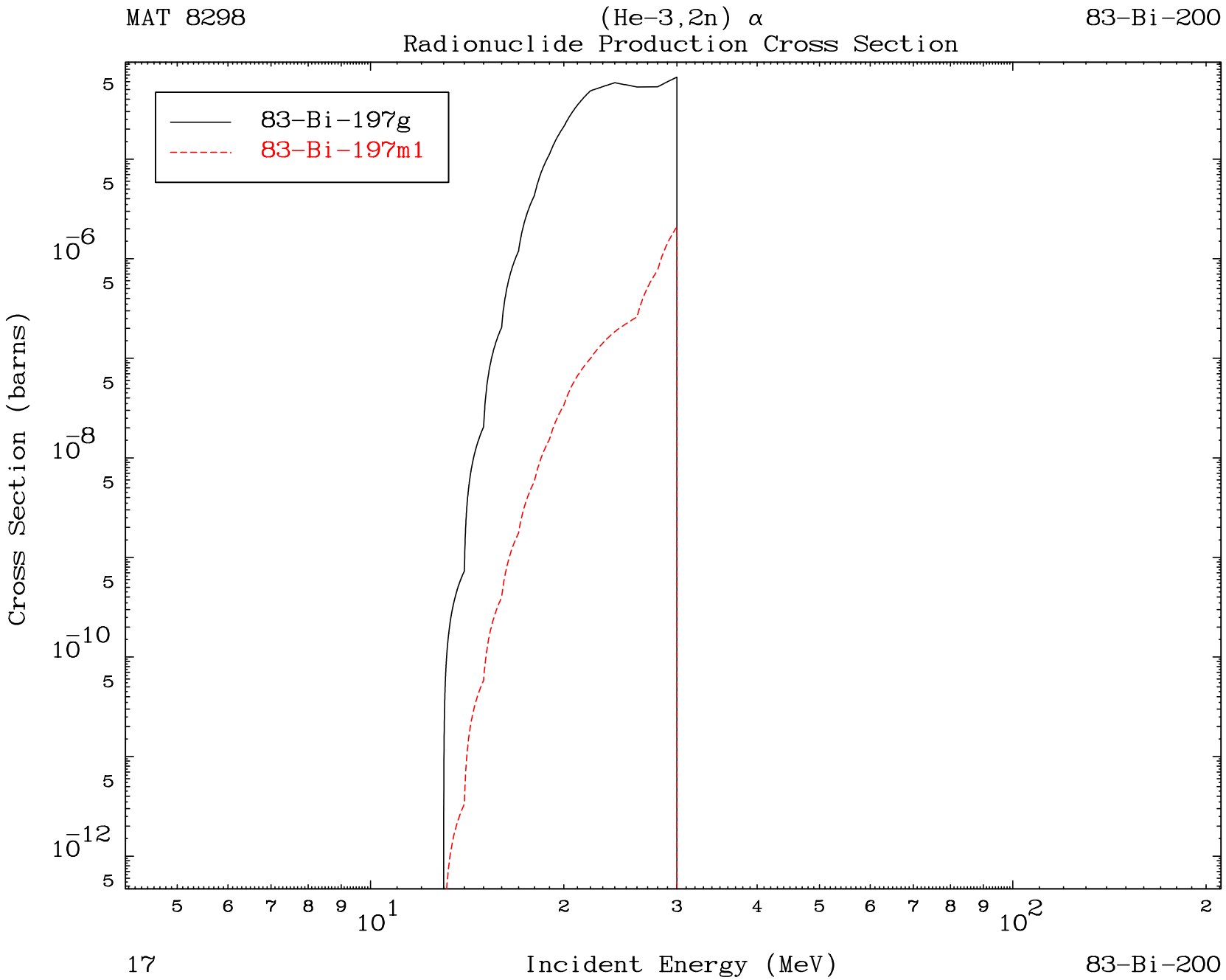

MAT 8298
He-3 Inelastic
83-Bi-200
Radionuclide Production Cross Section
85-At-202g
85-At-202m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
12
83-Bi-200

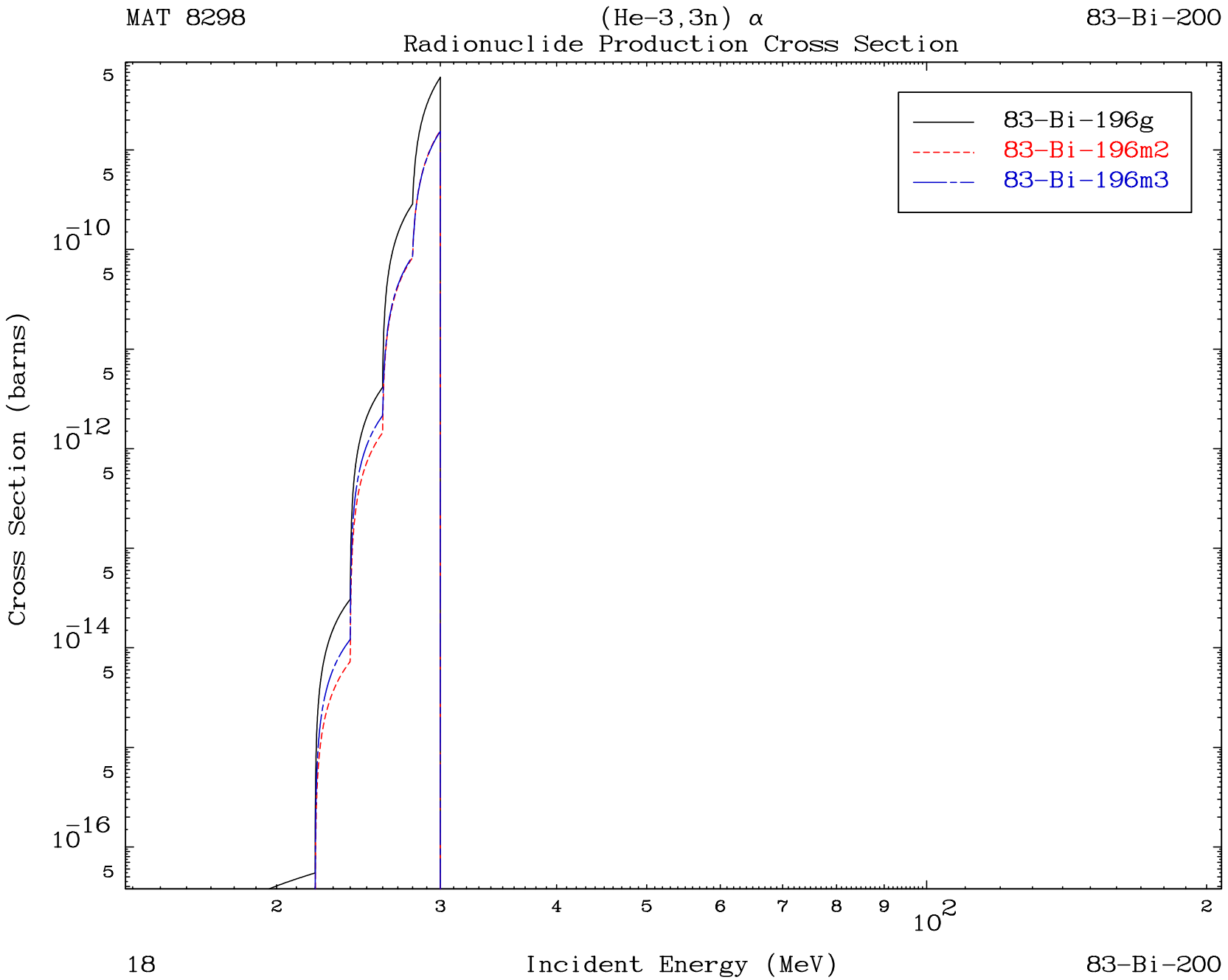

MAT 8298
(He-3,2n) d
83-Bi-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
83-Bi-200

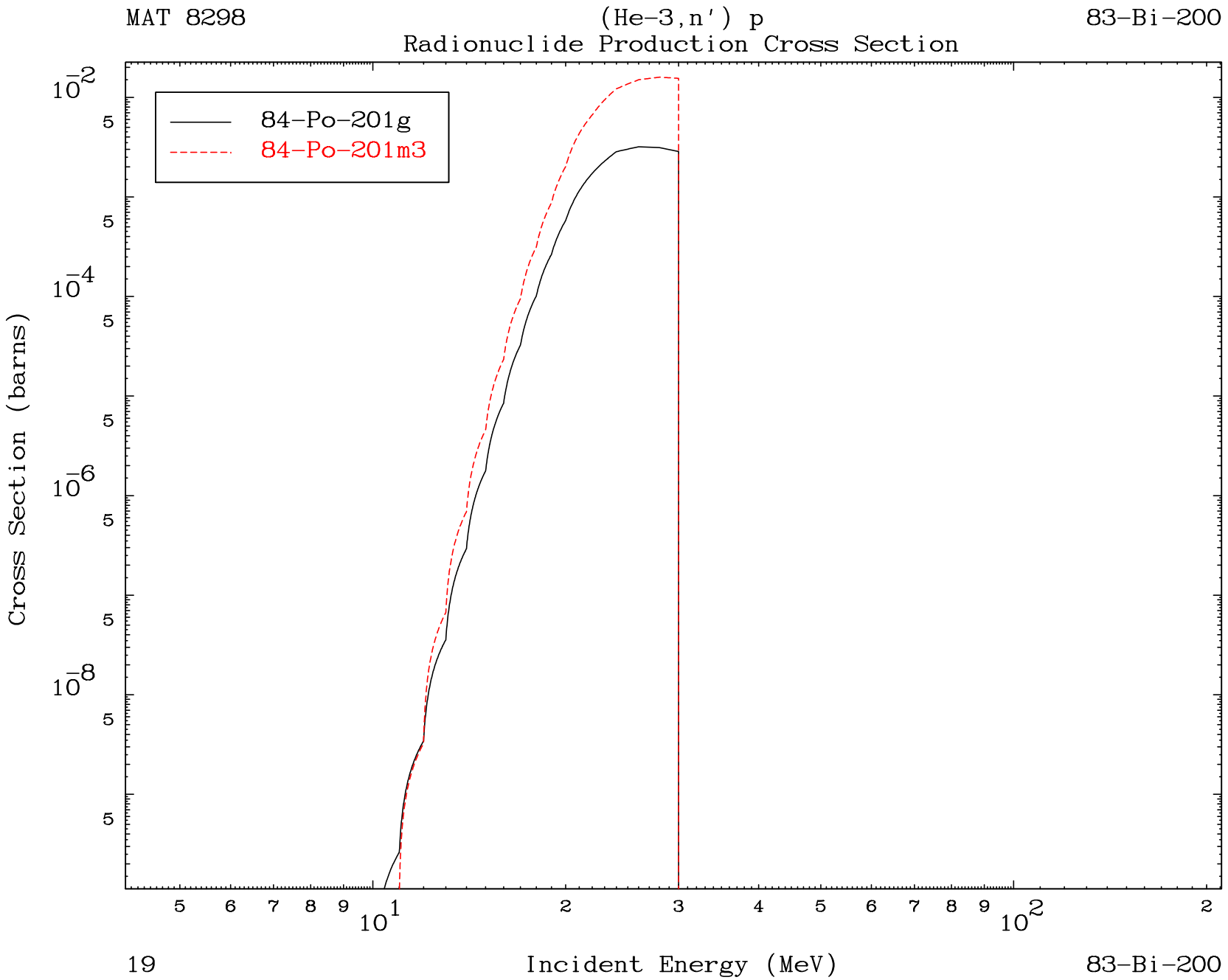

MAT 8298
(He-3,3n)
83-Bi-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-200

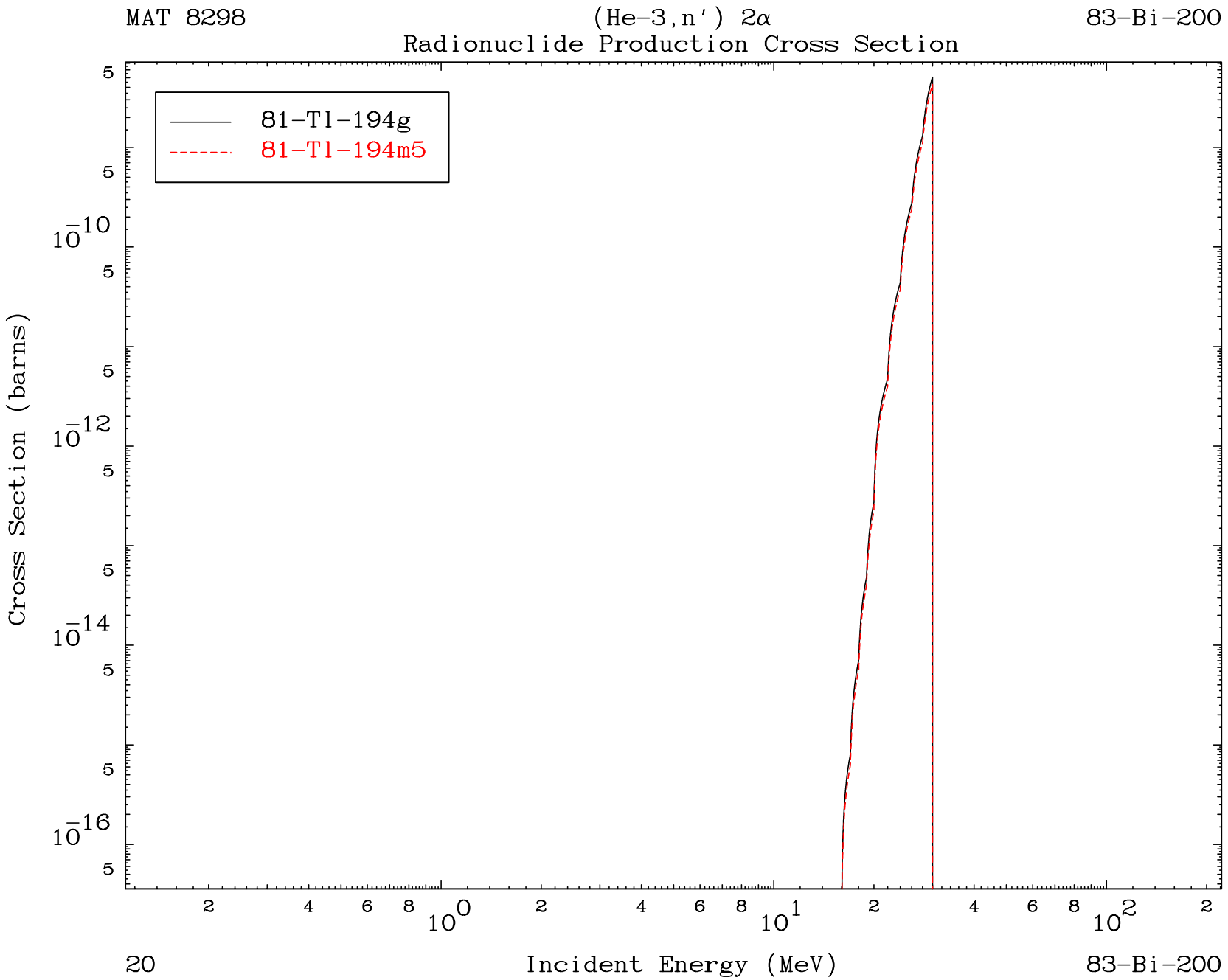

MAT 8298
He-3 Fission
83-Bi-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
83-Bi-200

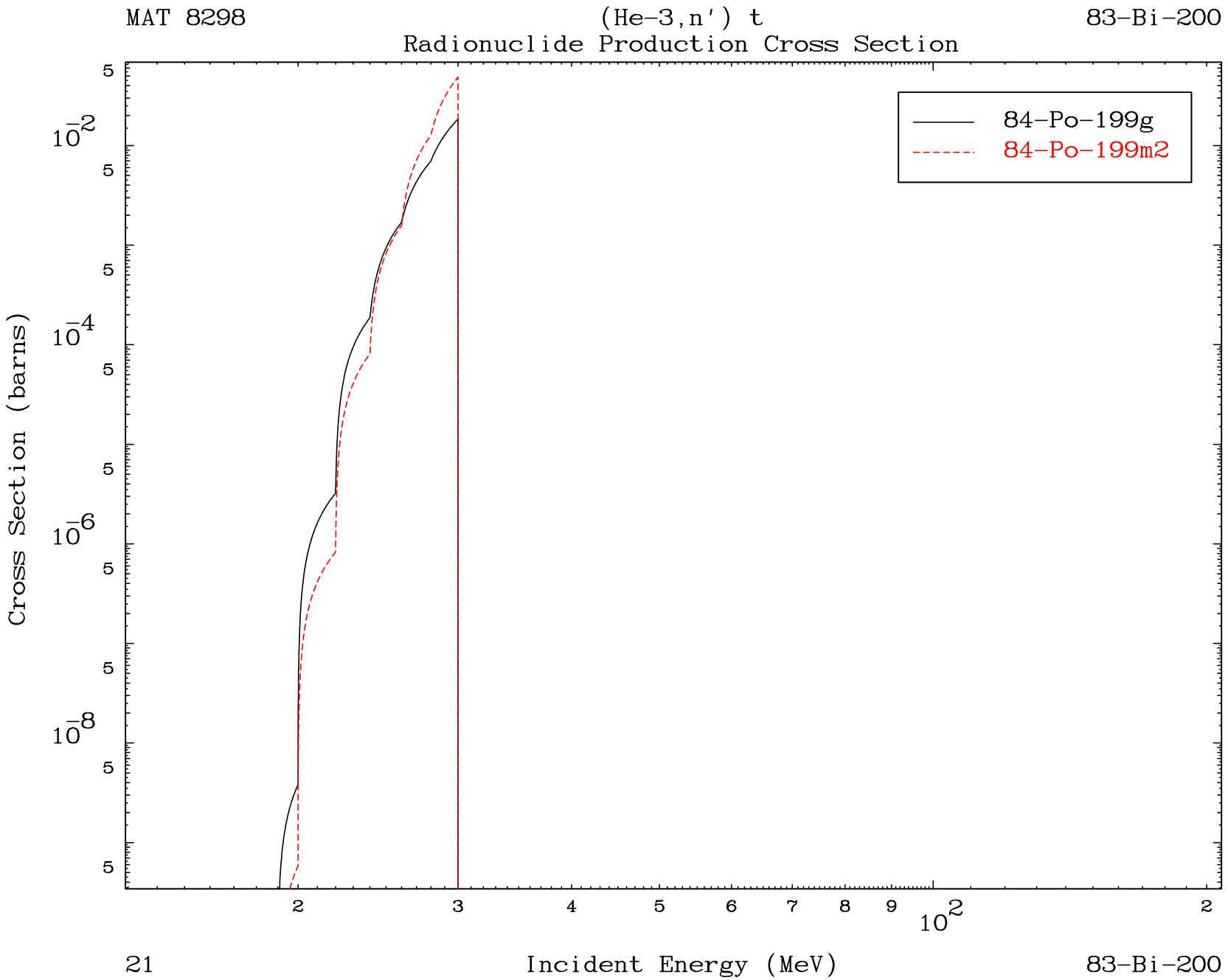

MAT 8298
(He-3,n') α
83-Bi-200
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
16
83-Bi-200

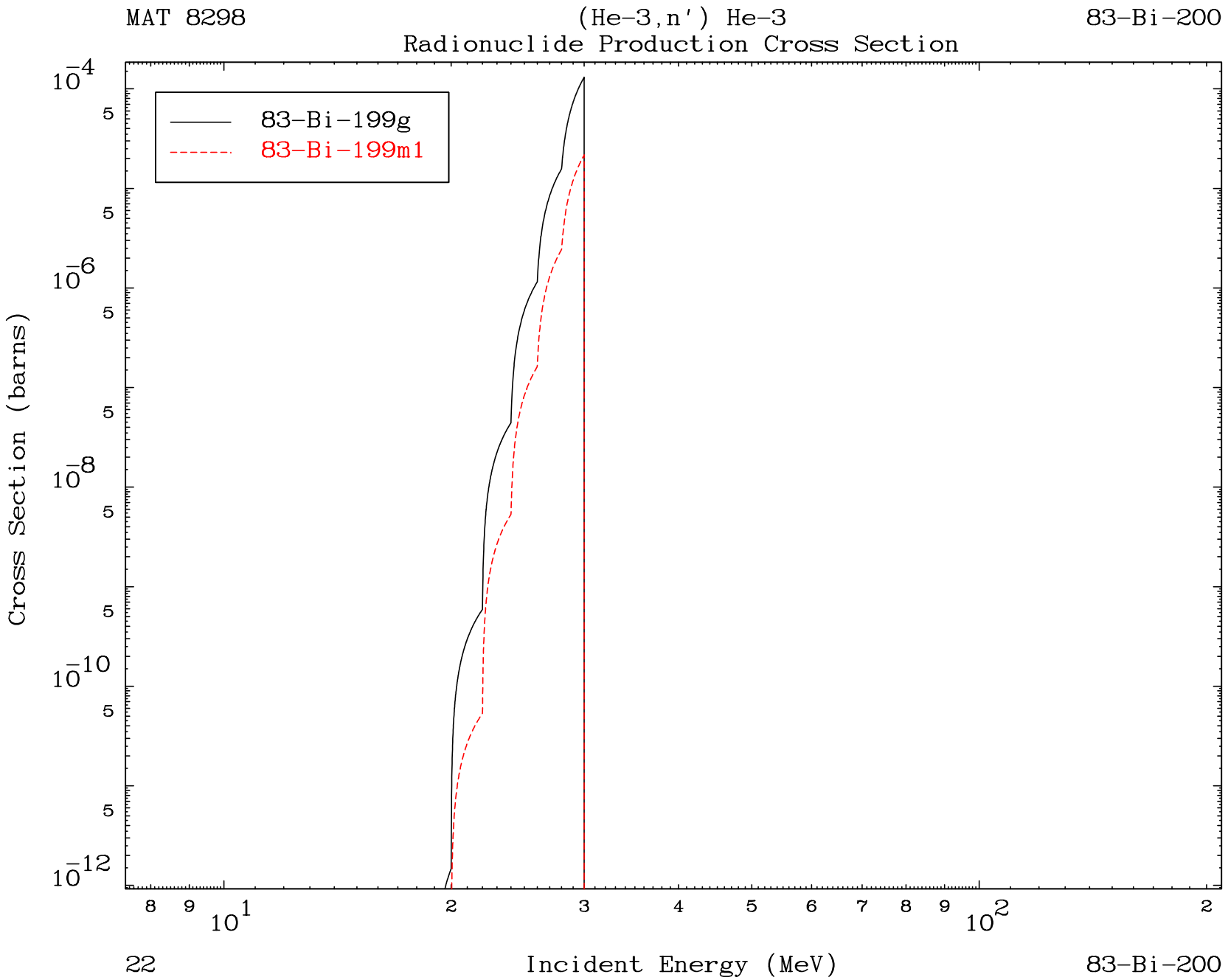

MAT 8298
(He-3,2n) α
83-Bi-200
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
17
83-Bi-200

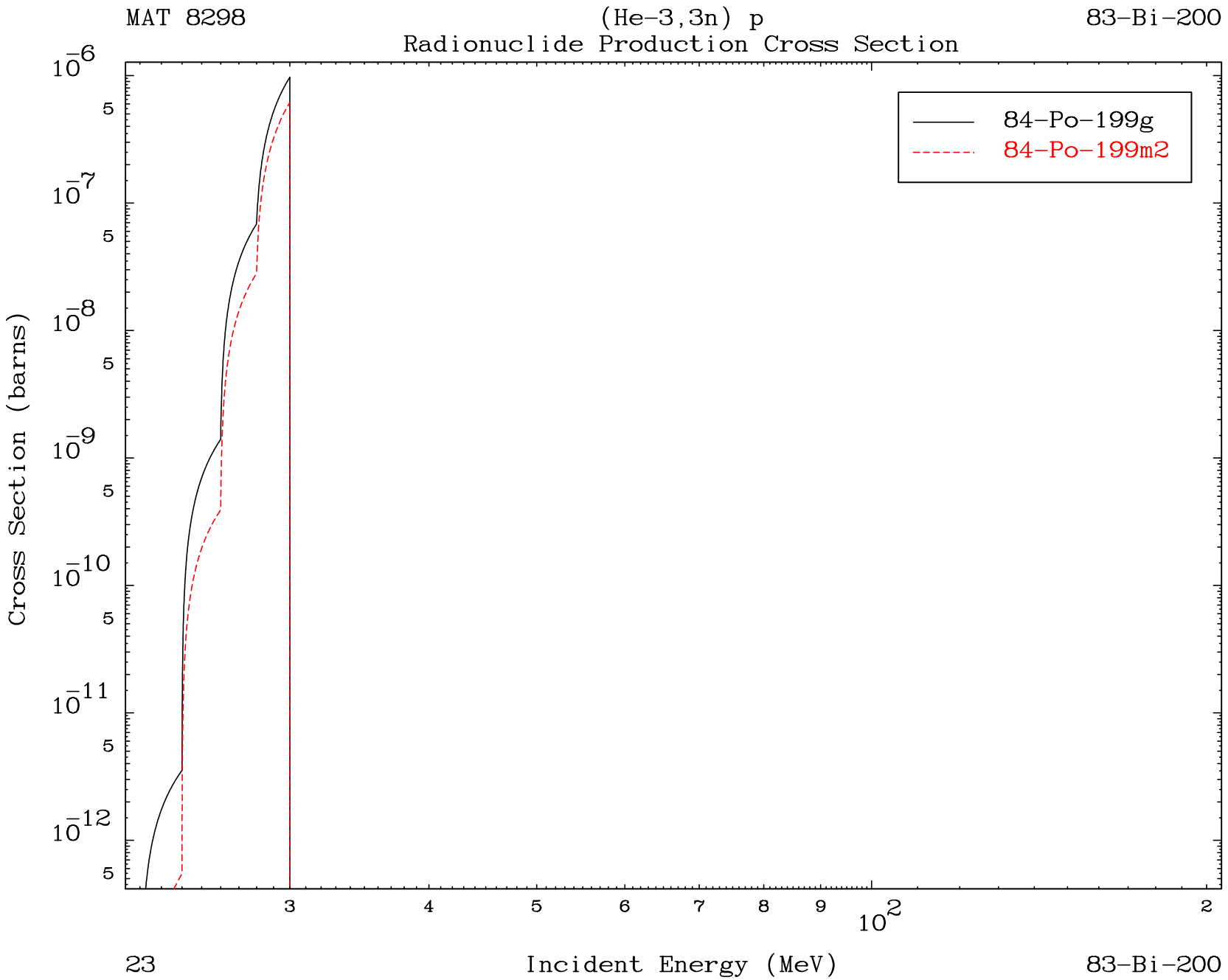

MAT 8298
(He-3,3n) α
83-Bi-200
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
18
83-Bi-200

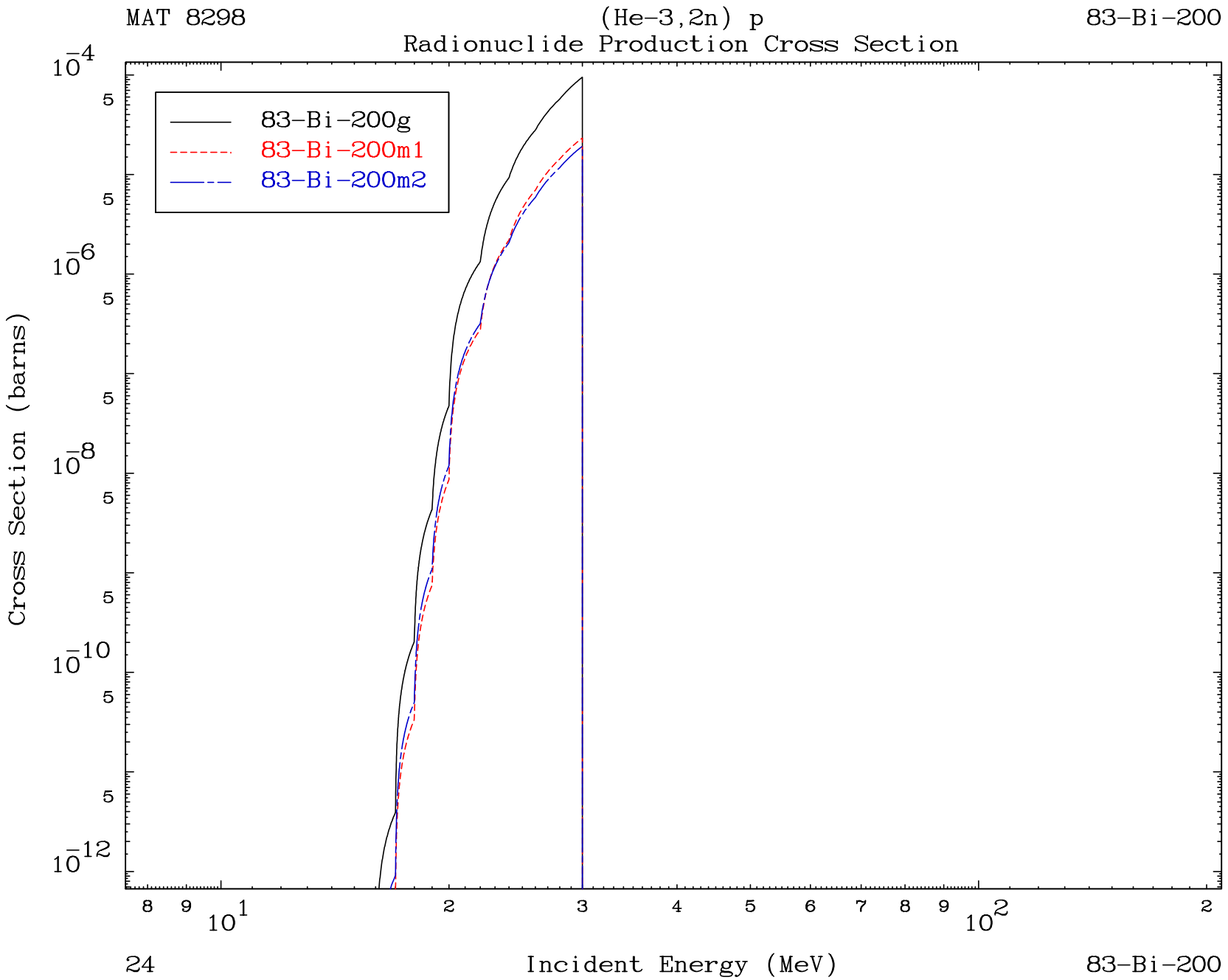

MAT 8298
(He-3,n') p
83-Bi-200
Radionuclide Production Cross Section
84-Po-201g
84-Po-201m3
Cross Section (barns)
Incident Energy (MeV)
19
83-Bi-200

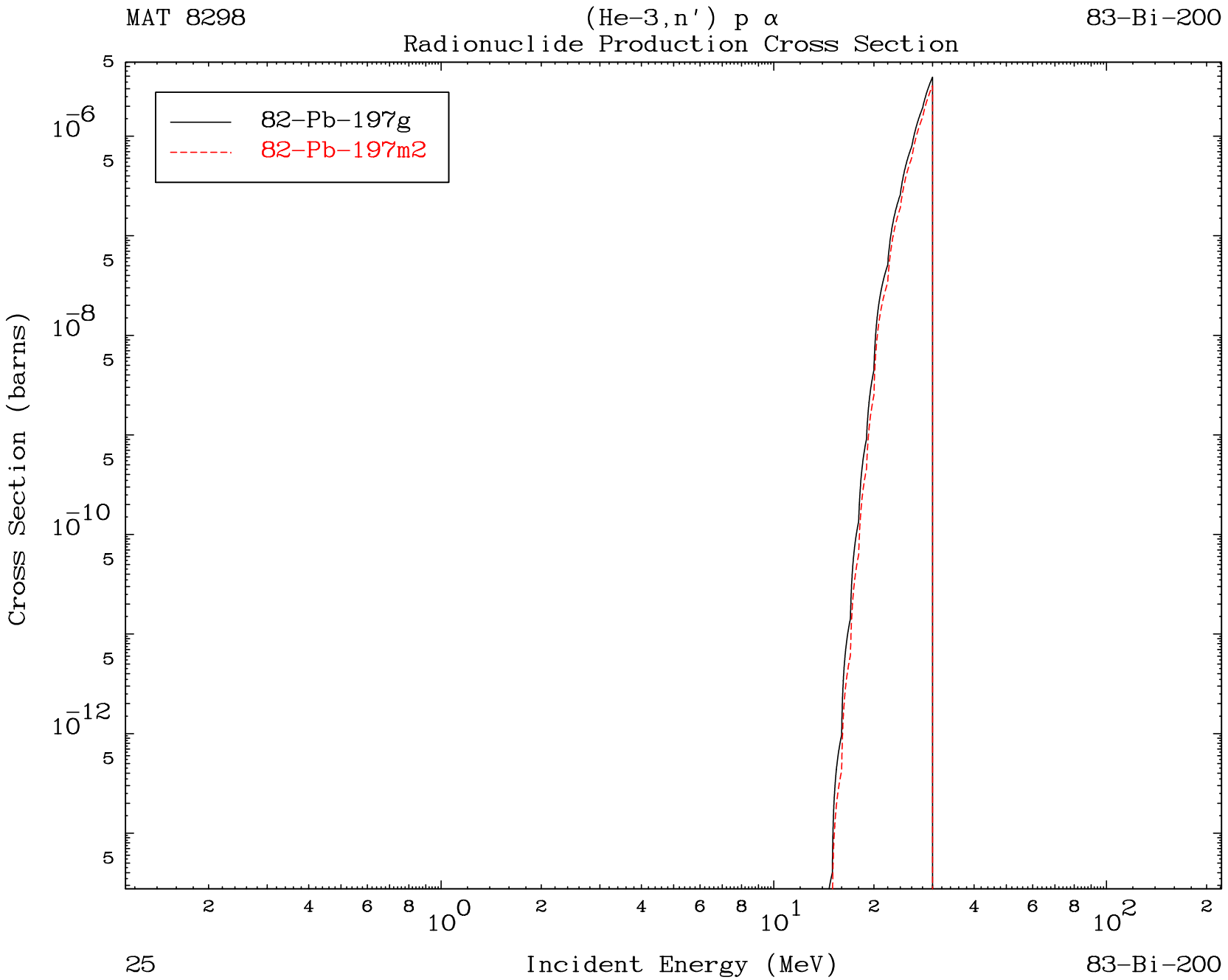

MAT 8298
(He-3,n') 2α
83-Bi-200
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m5
Cross Section (barns)
Incident Energy (MeV)
20
83-Bi-200

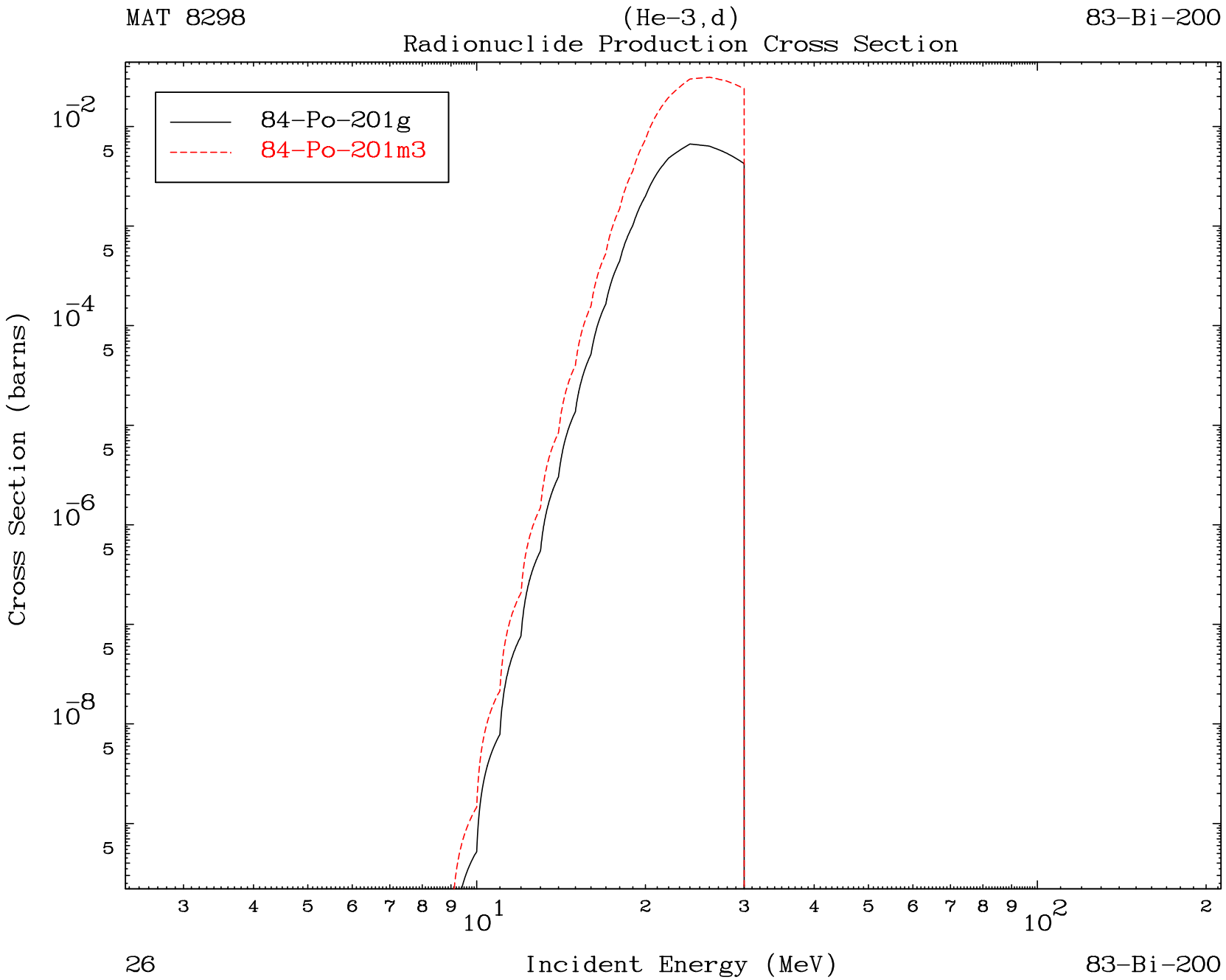

MAT 8298
(He-3,n') t
83-Bi-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
21
83-Bi-200

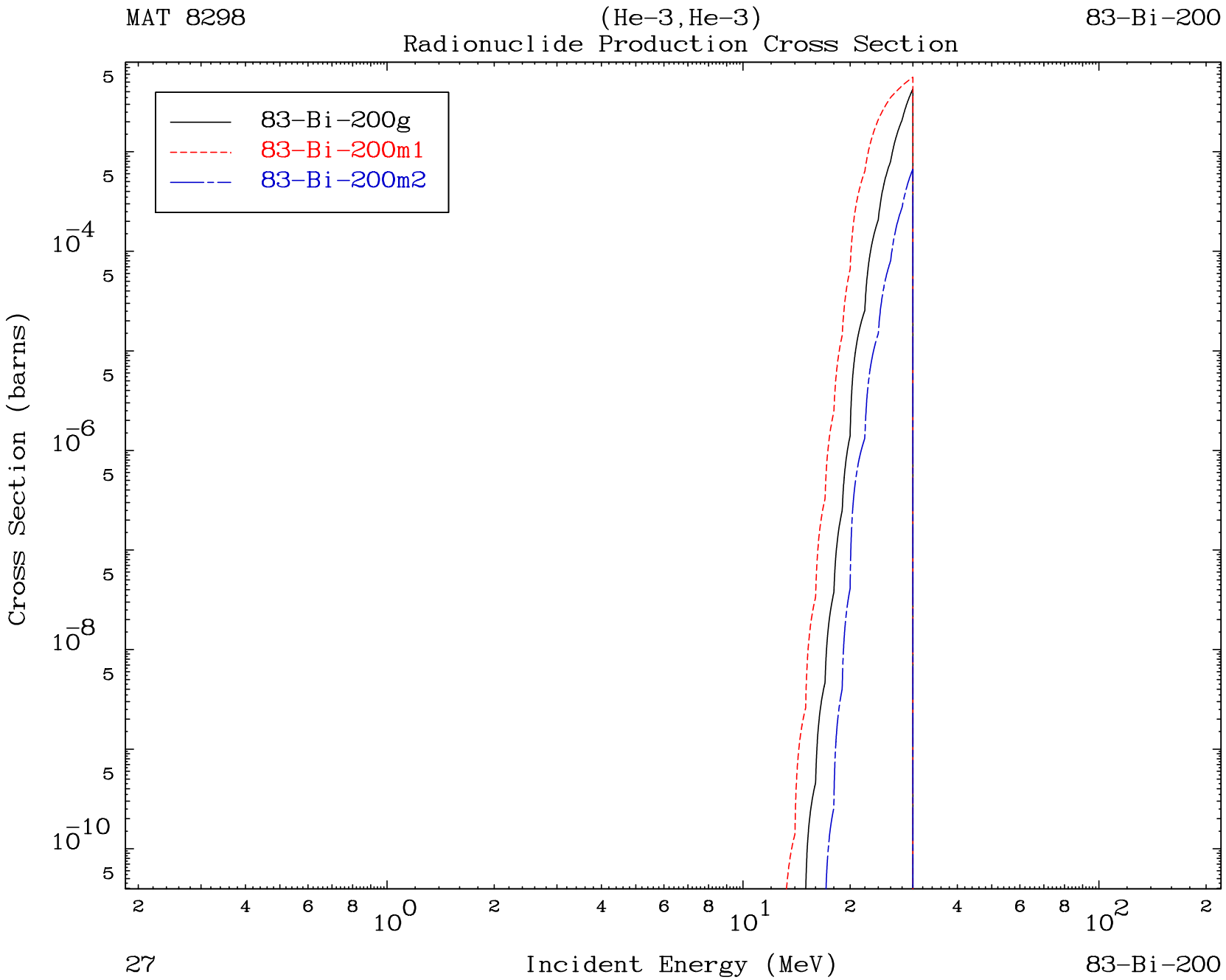

MAT 8298
(He-3,n') He-3
83-Bi-200
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
Incident Energy (MeV)
22
83-Bi-200

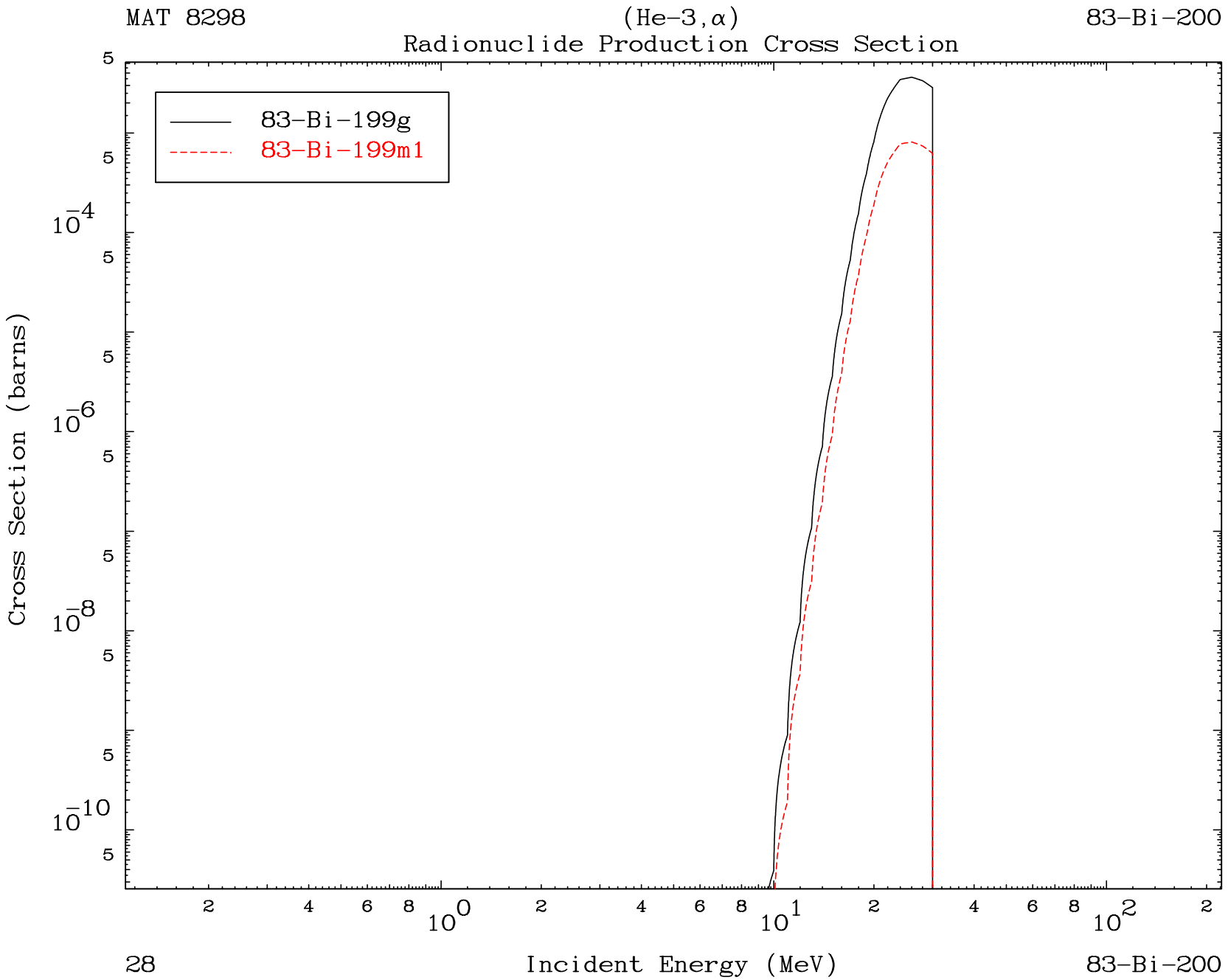

MAT 8298
(He-3,3n) p
83-Bi-200
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
23
83-Bi-200

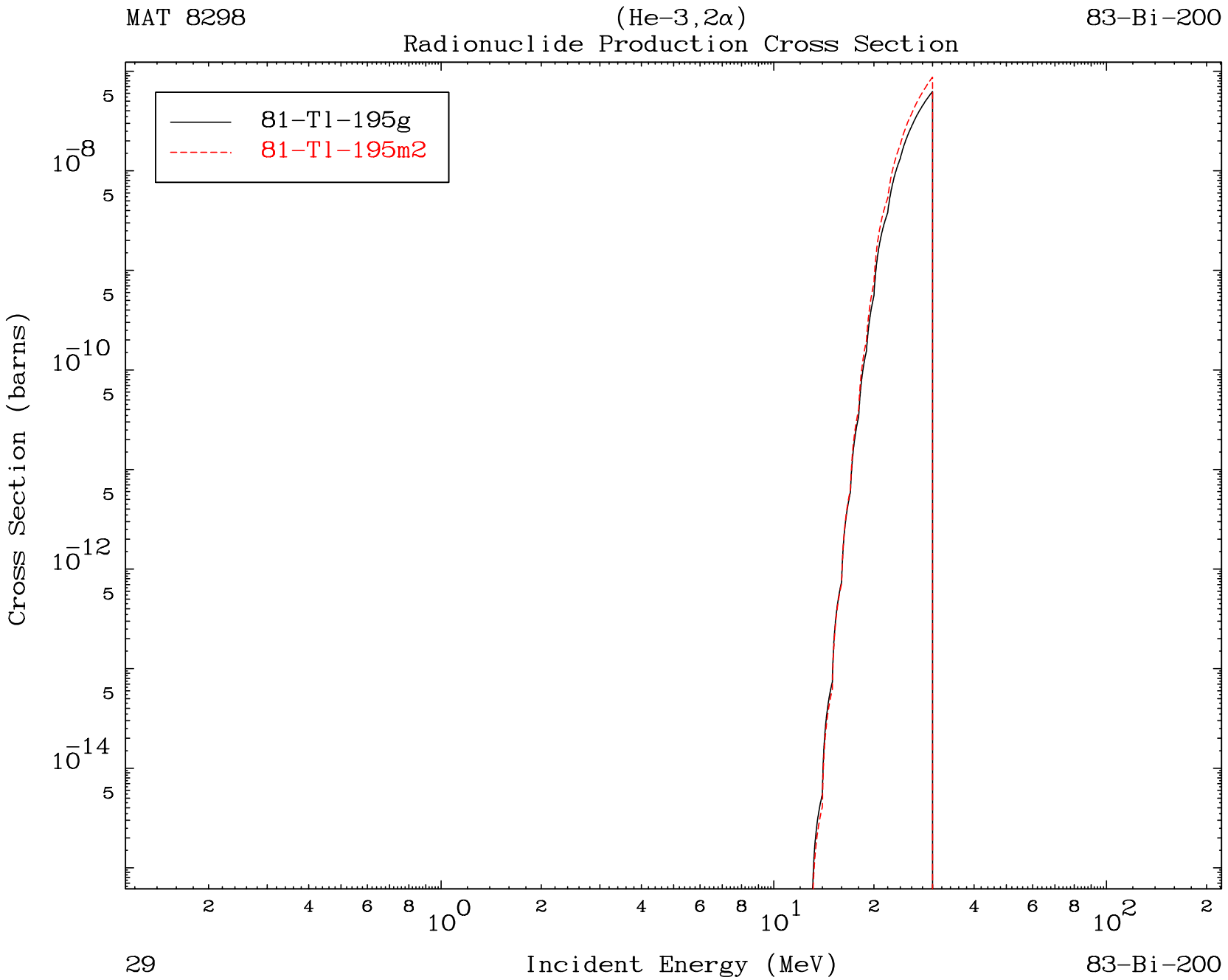

MAT 8298
(He-3,2n) p
83-Bi-200
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
Incident Energy (MeV)
24
83-Bi-200

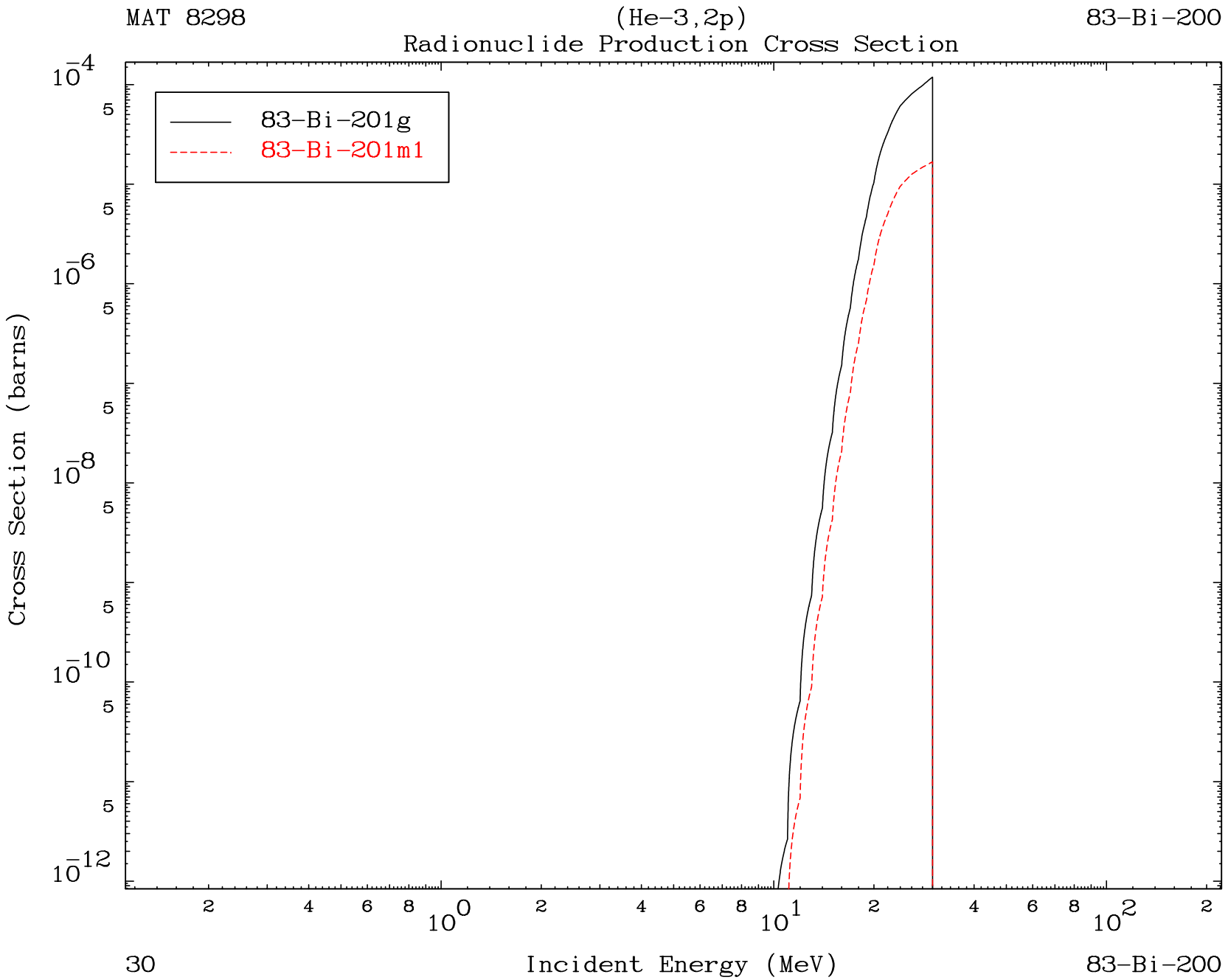

MAT 8298
(He-3,n') p α
83-Bi-200
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
25
83-Bi-200

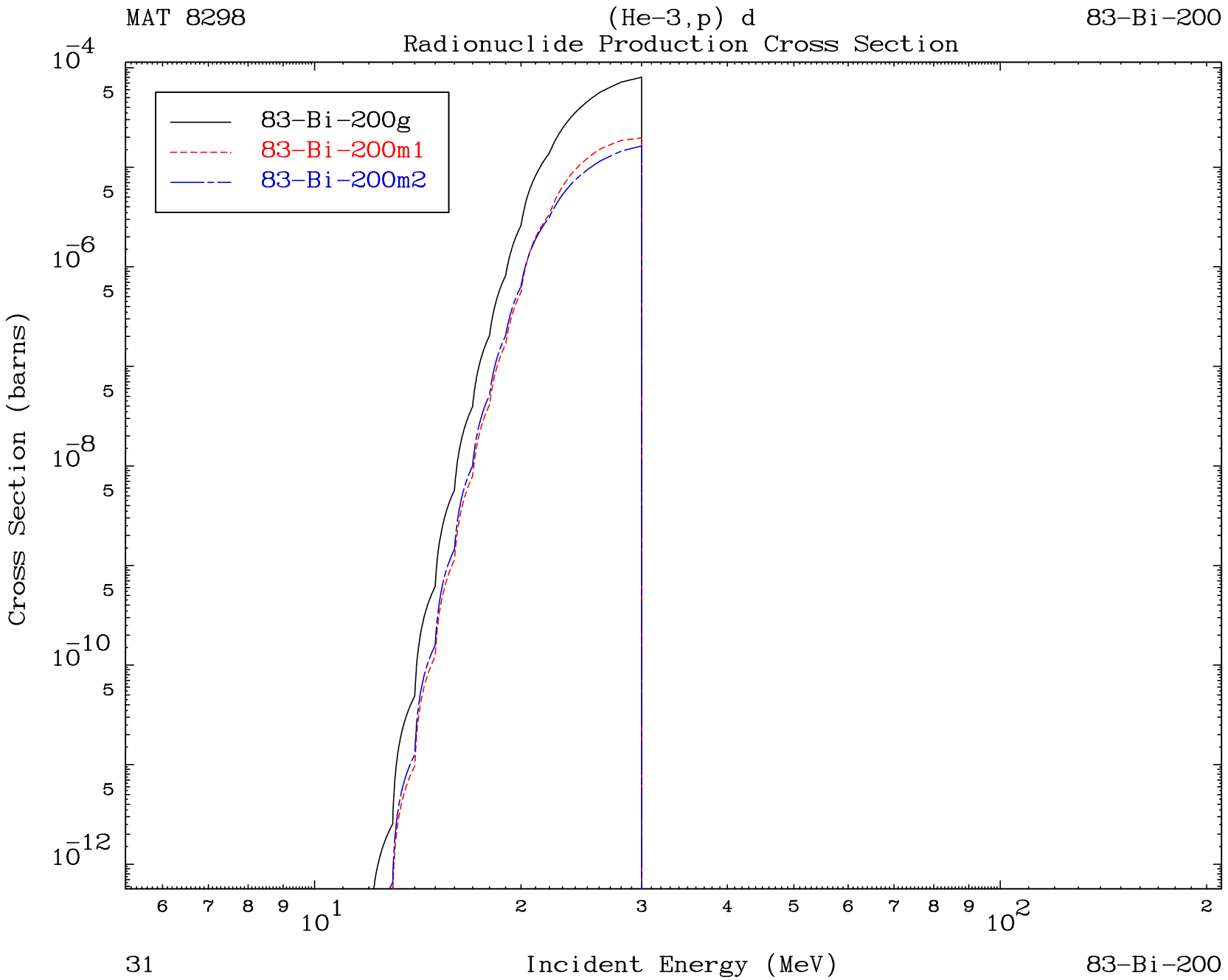

MAT 8298
(He-3,d)
83-Bi-200
Radionuclide Production Cross Section
84-Po-201g
84-Po-201m3
Cross Section (barns)
Incident Energy (MeV)
26
83-Bi-200

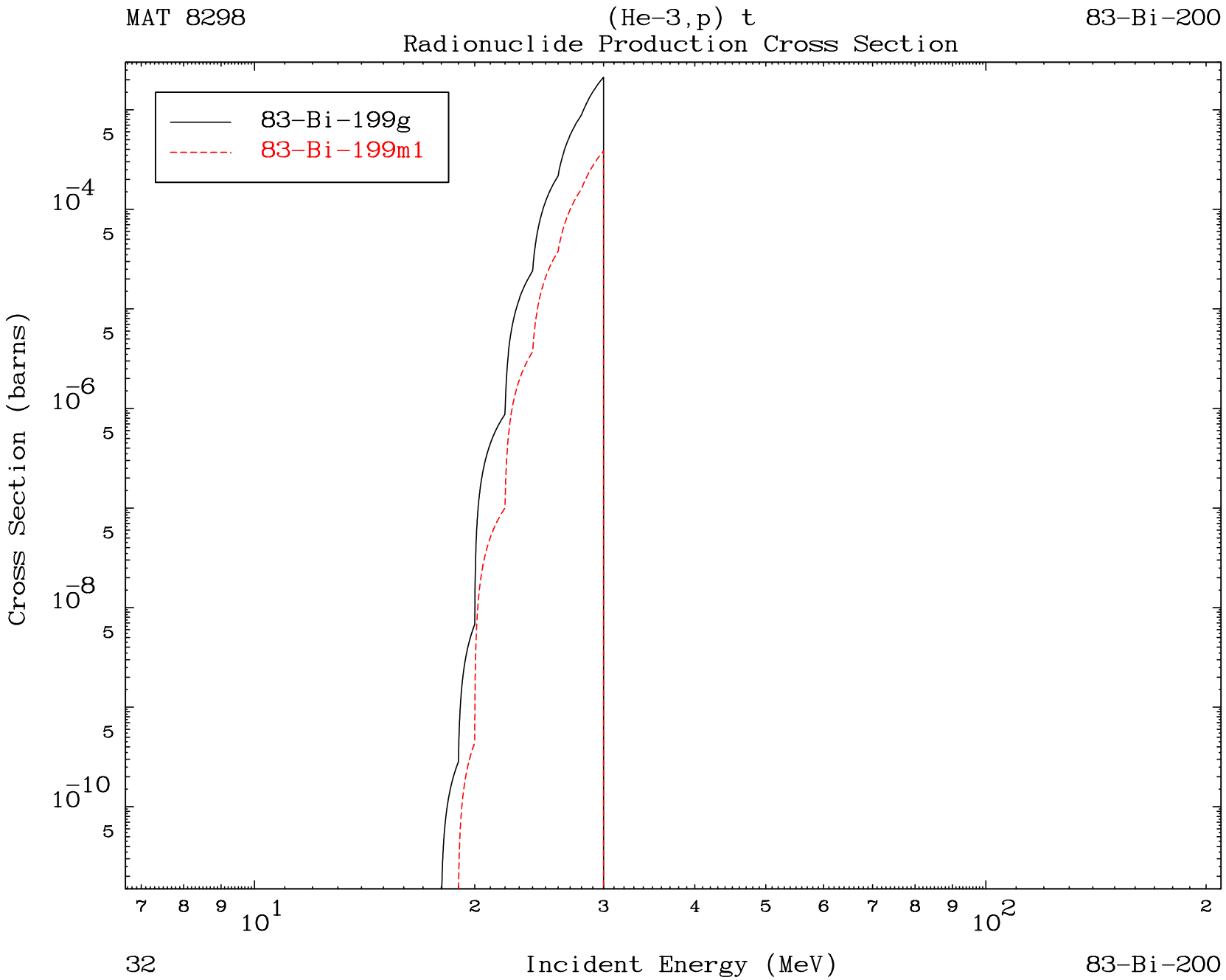

MAT 8298
(He-3,He-3)
83-Bi-200
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
Incident Energy (MeV)
27
83-Bi-200

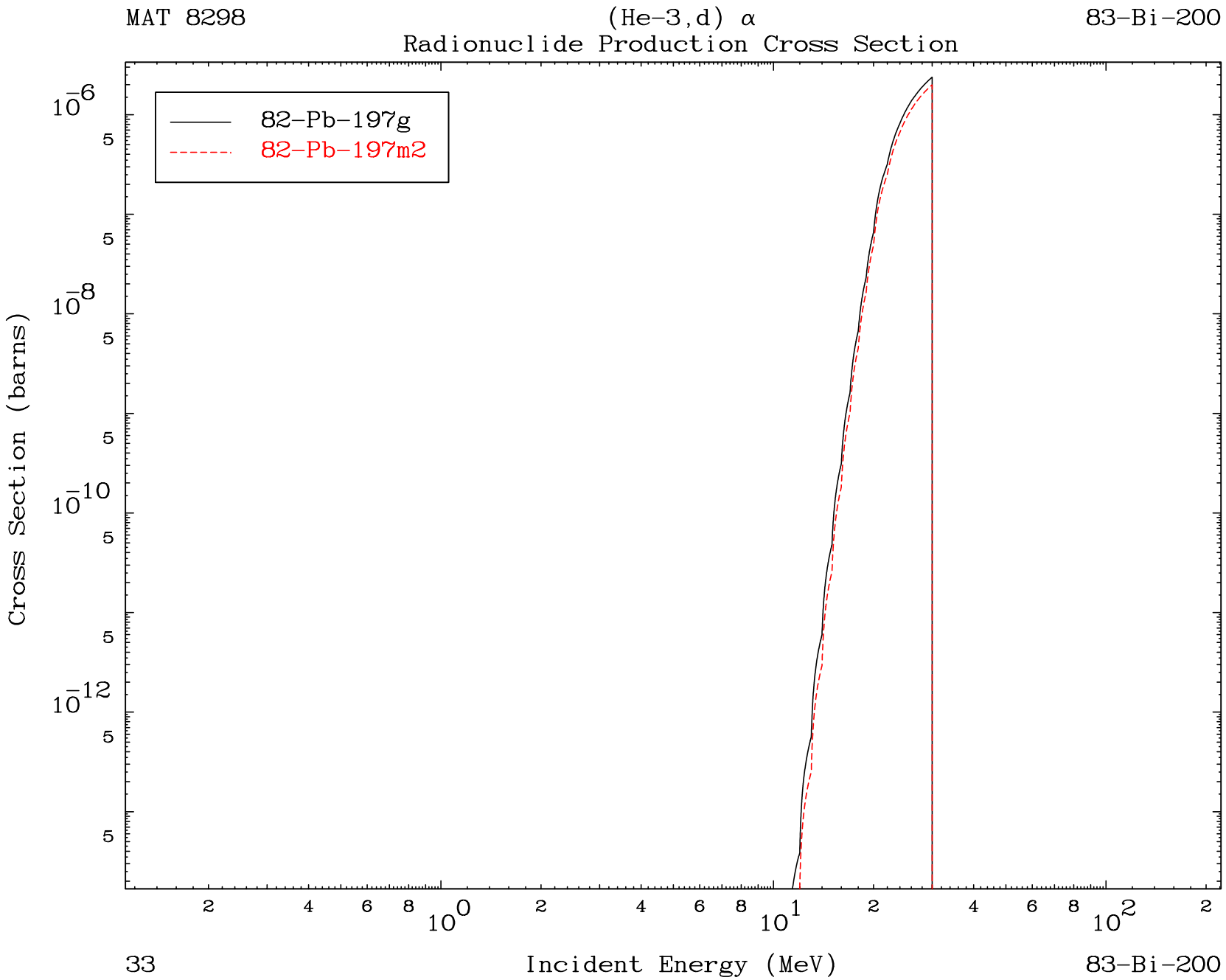

MAT 8298
(He-3,α)
83-Bi-200
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
28
83-Bi-200


MAT 8298
(He-3,2α)
83-Bi-200
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10-8
10-10
10-12
10-14
100
101
102
Incident Energy (MeV)
29
83-Bi-200


MAT 8298
(He-3,2p)
83-Bi-200
Radionuclide Production Cross Section
83-Bi-201g
83-Bi-201m1
Cross Section (barns)
Incident Energy (MeV)
30
83-Bi-200


MAT 8298
(He-3,p) d
83-Bi-200
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
Incident Energy (MeV)
31
83-Bi-200


MAT 8298
(He-3,p) t
83-Bi-200
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
32
Incident Energy (MeV)
83-Bi-200


MAT 8298
(He-3,d) α
83-Bi-200
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
33
83-Bi-200