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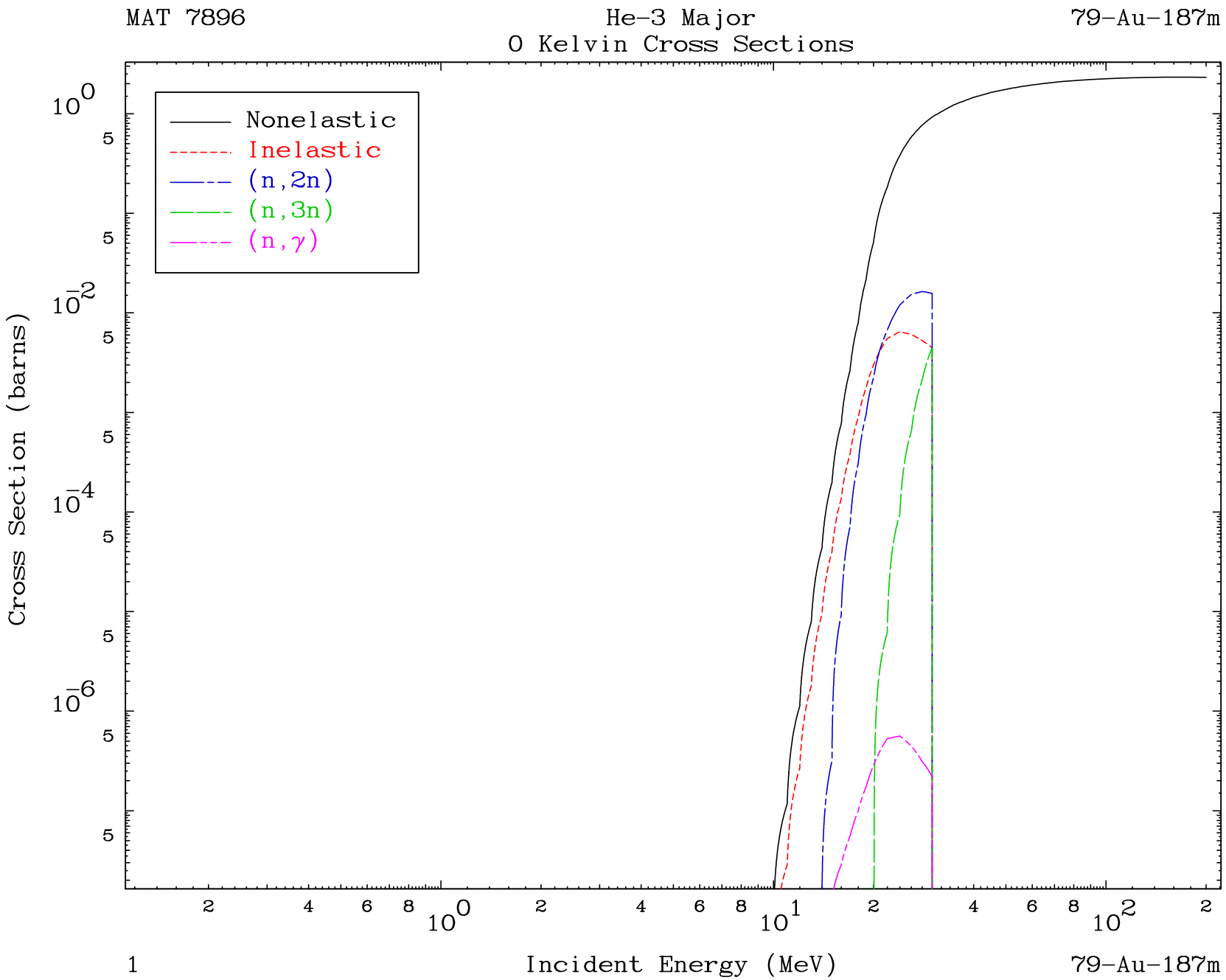
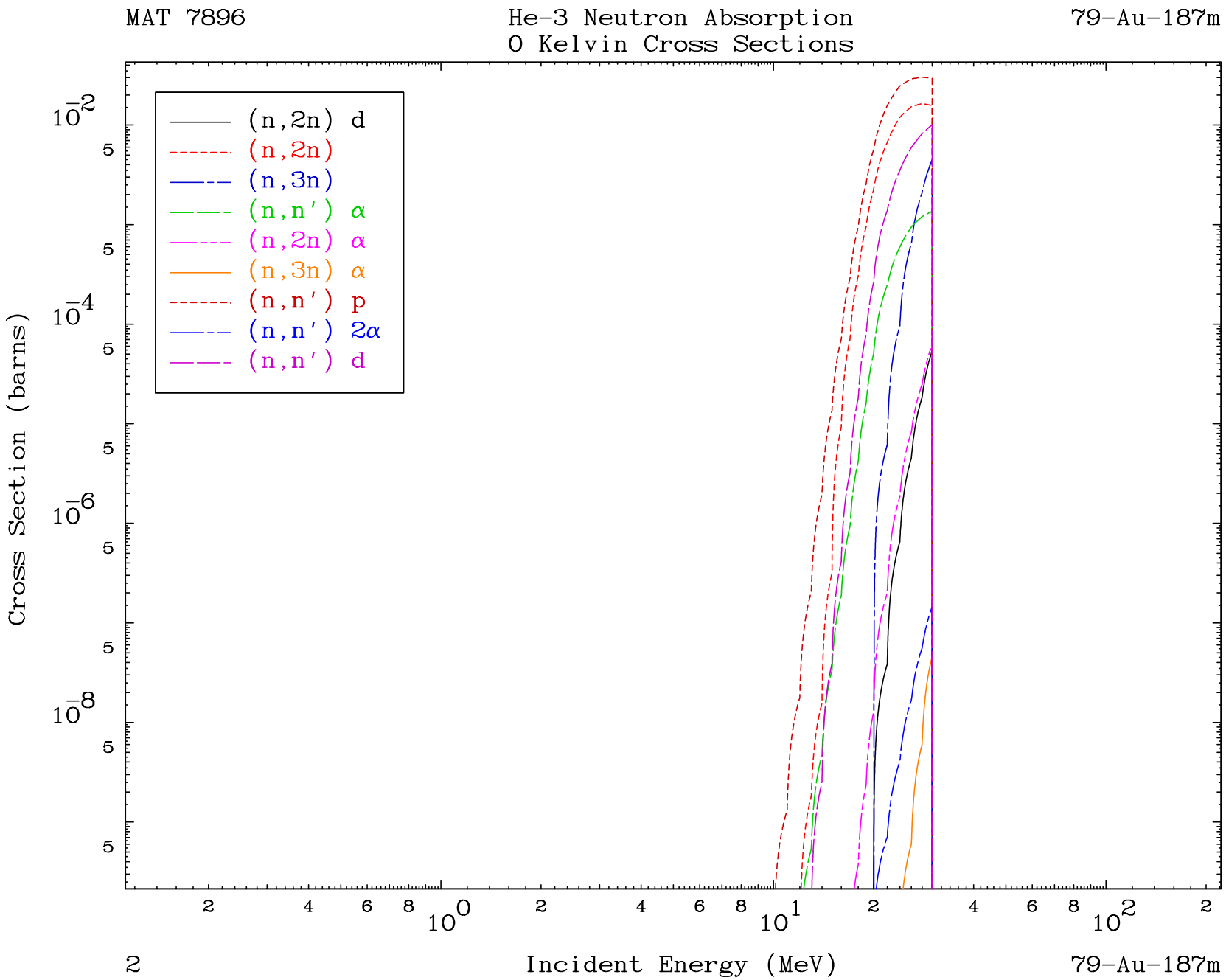
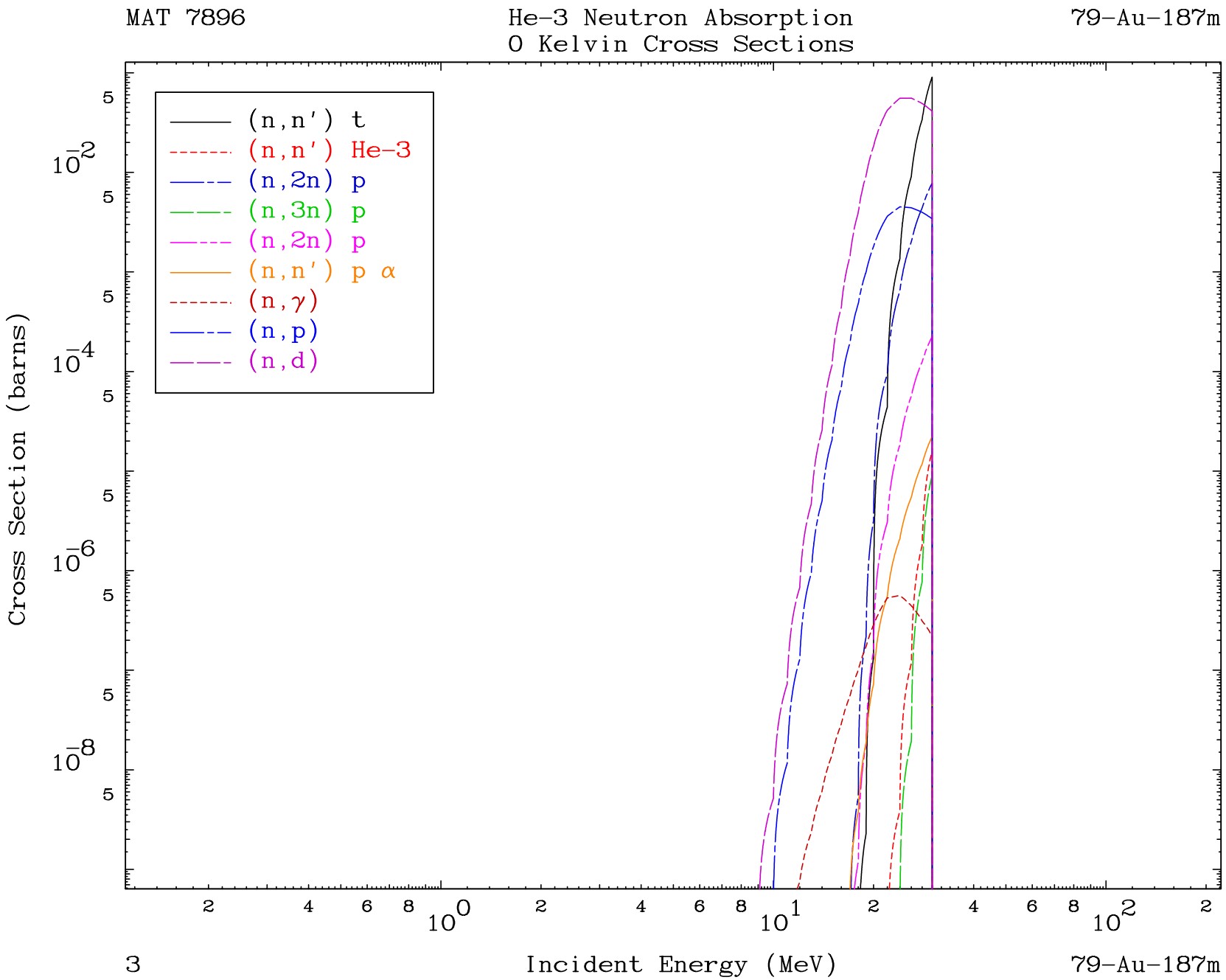
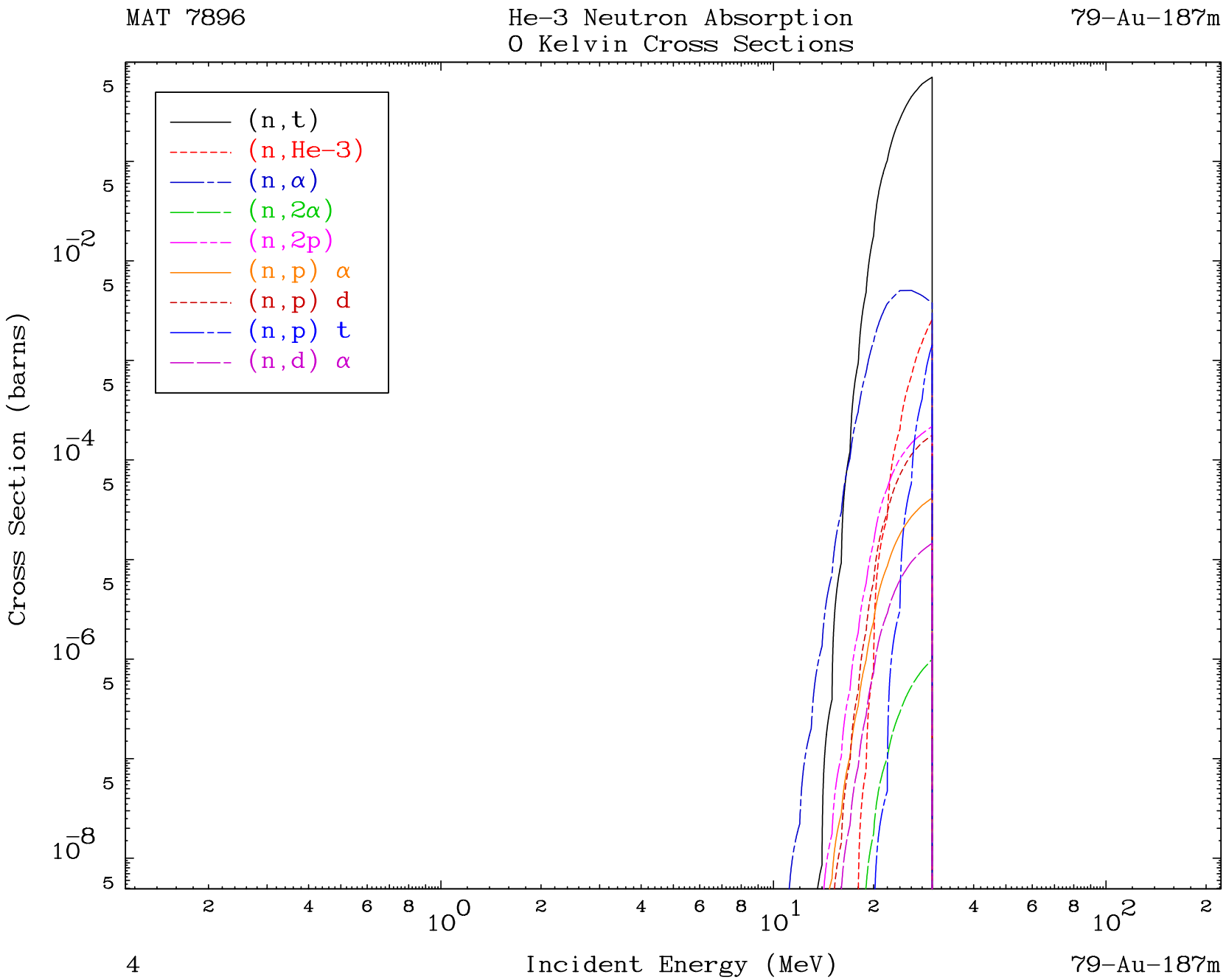
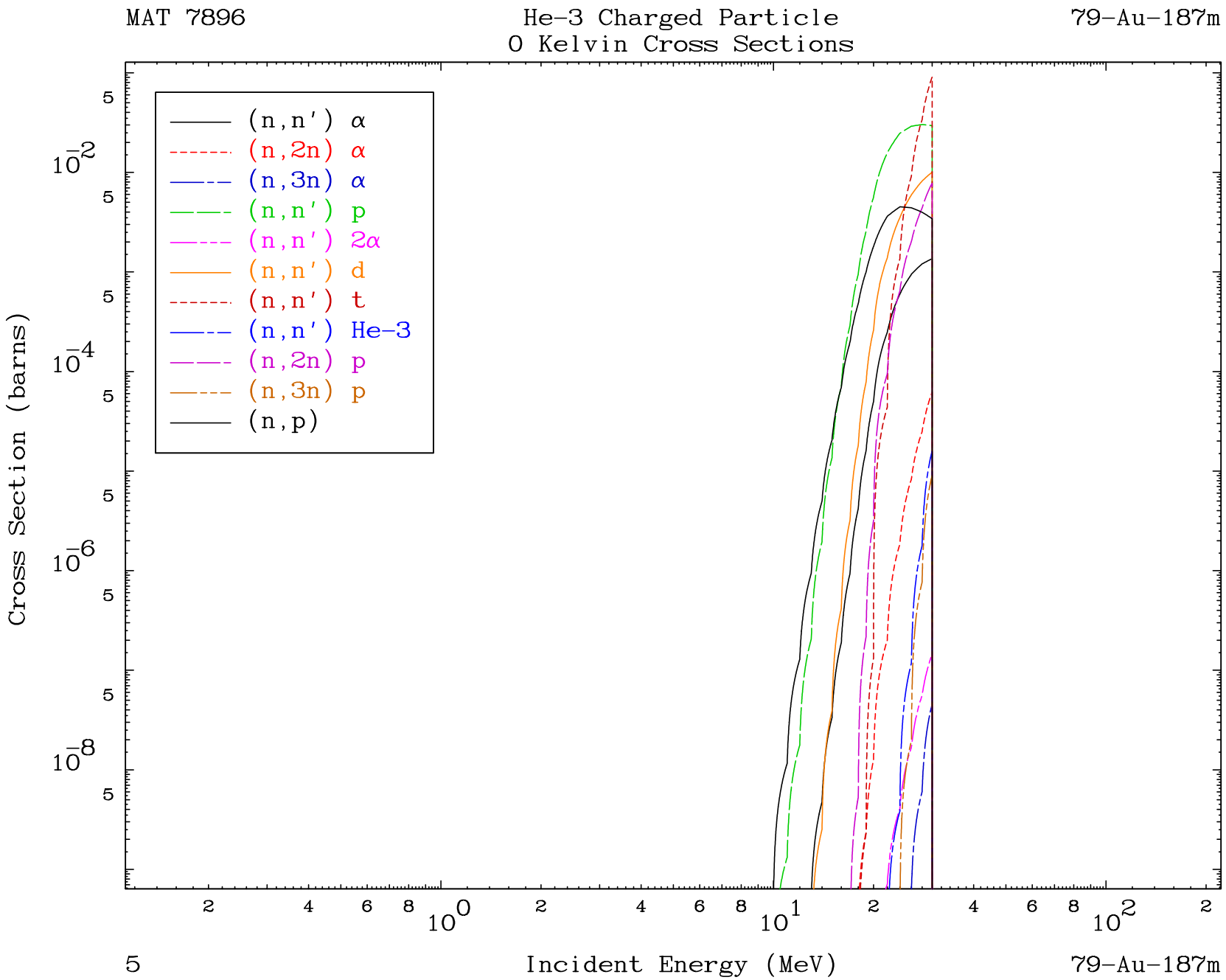
Press Mouse Button to Start

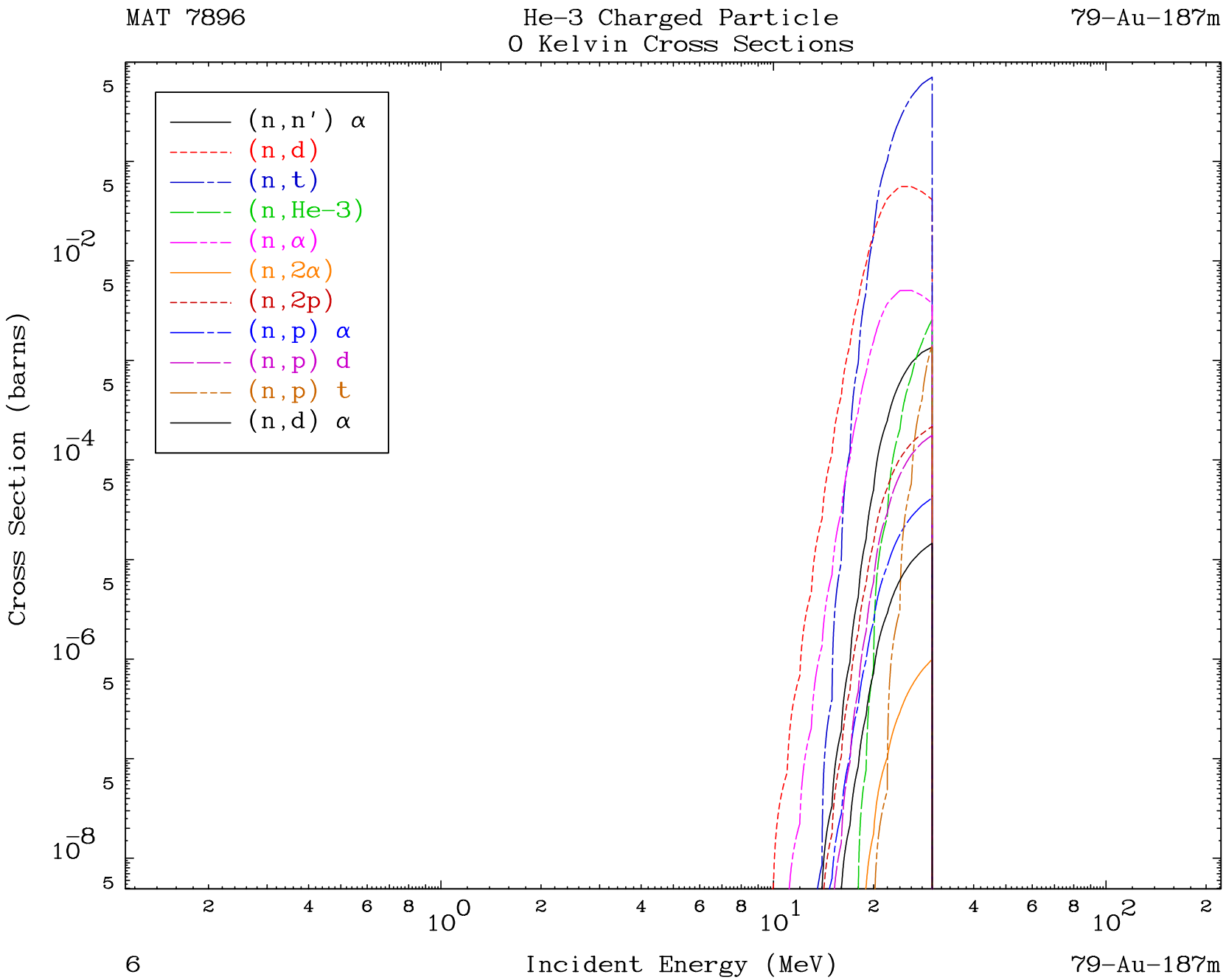

MAT 7896
He-3 Major
79-Au-187m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-187m

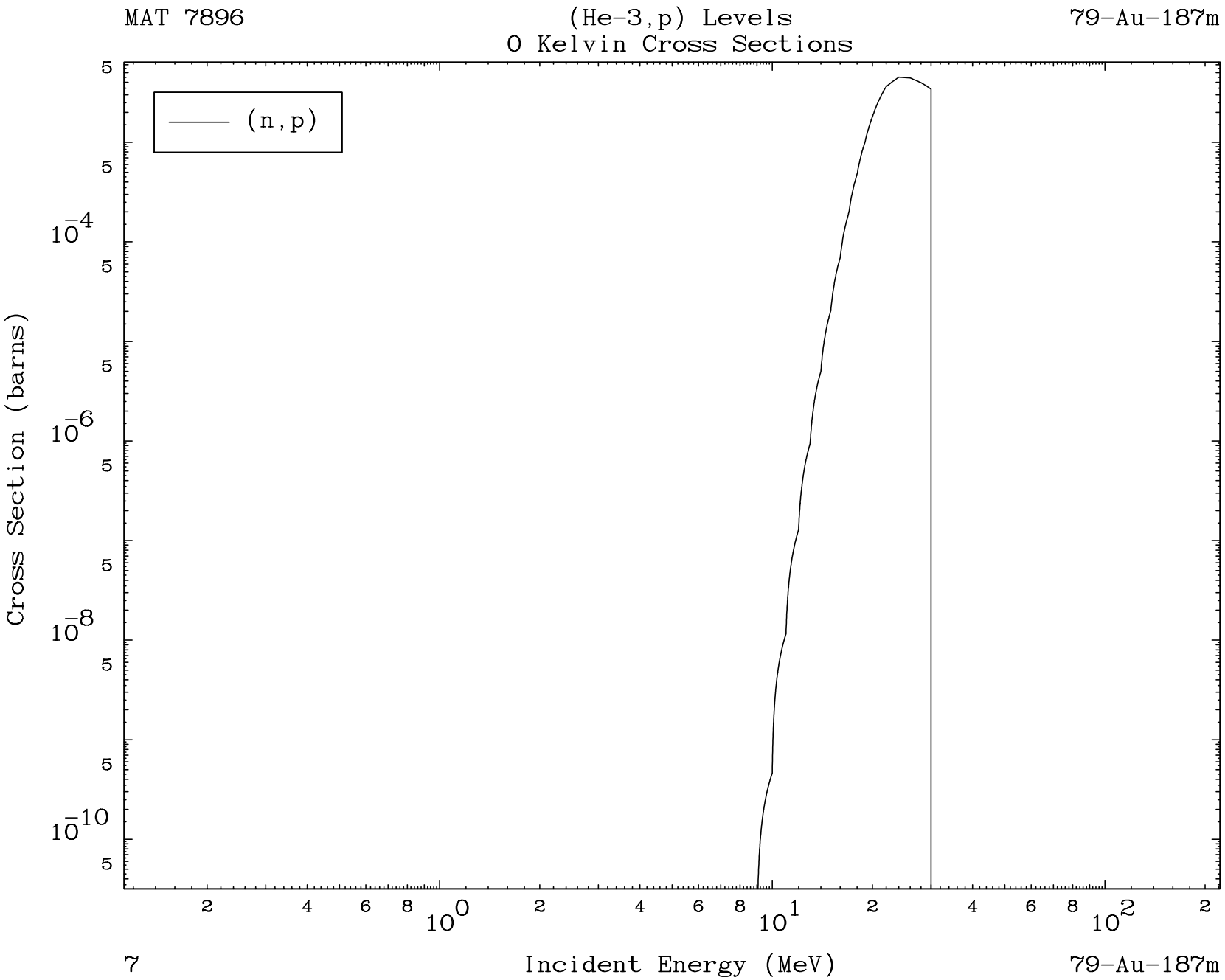

MAT 7896
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-187m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
79-Au-187m
2

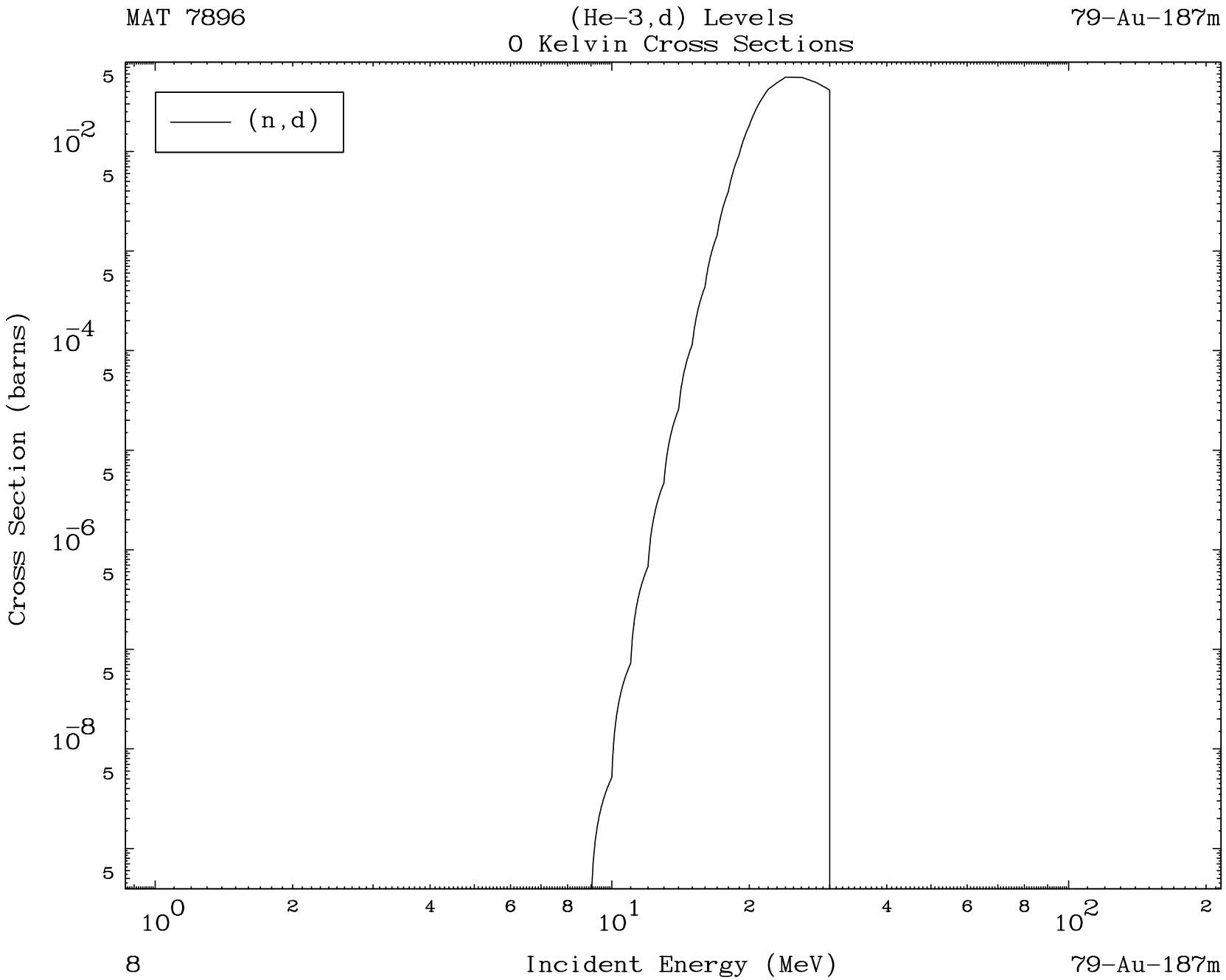

MAT 7896
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-187m
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-187m

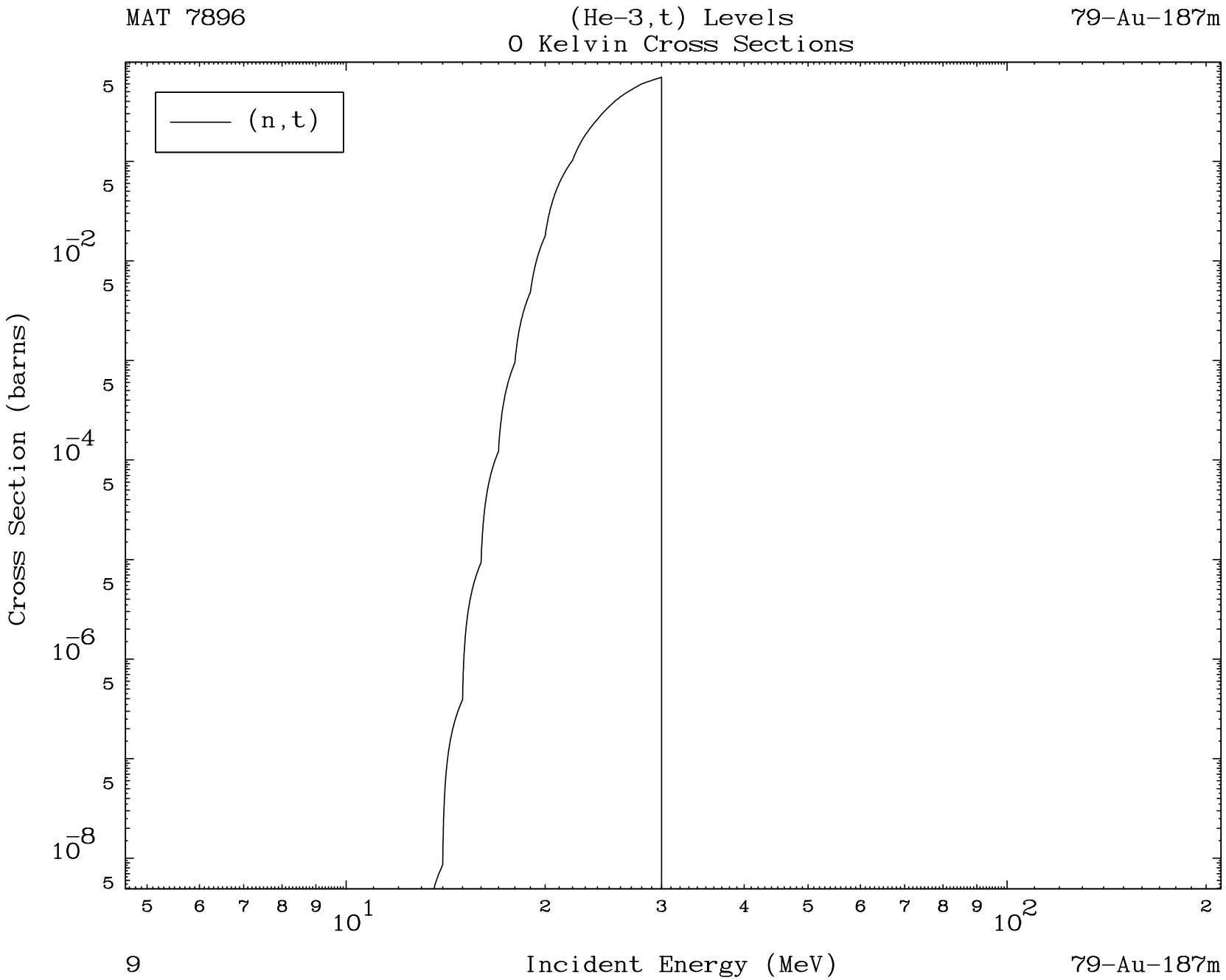

MAT 7896
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-187m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
79-Au-187m
4

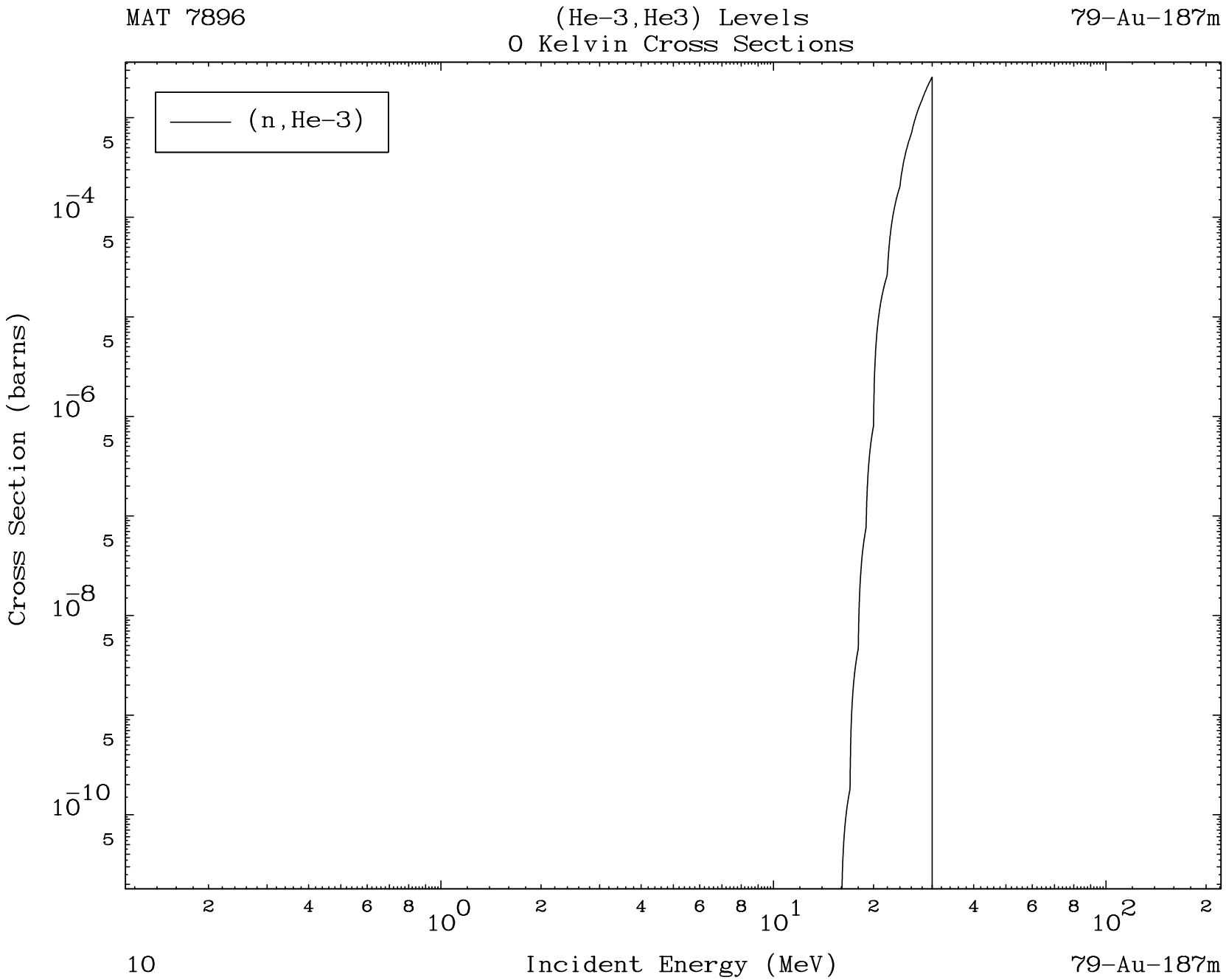

MAT 7896
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-187m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
79-Au-187m
5

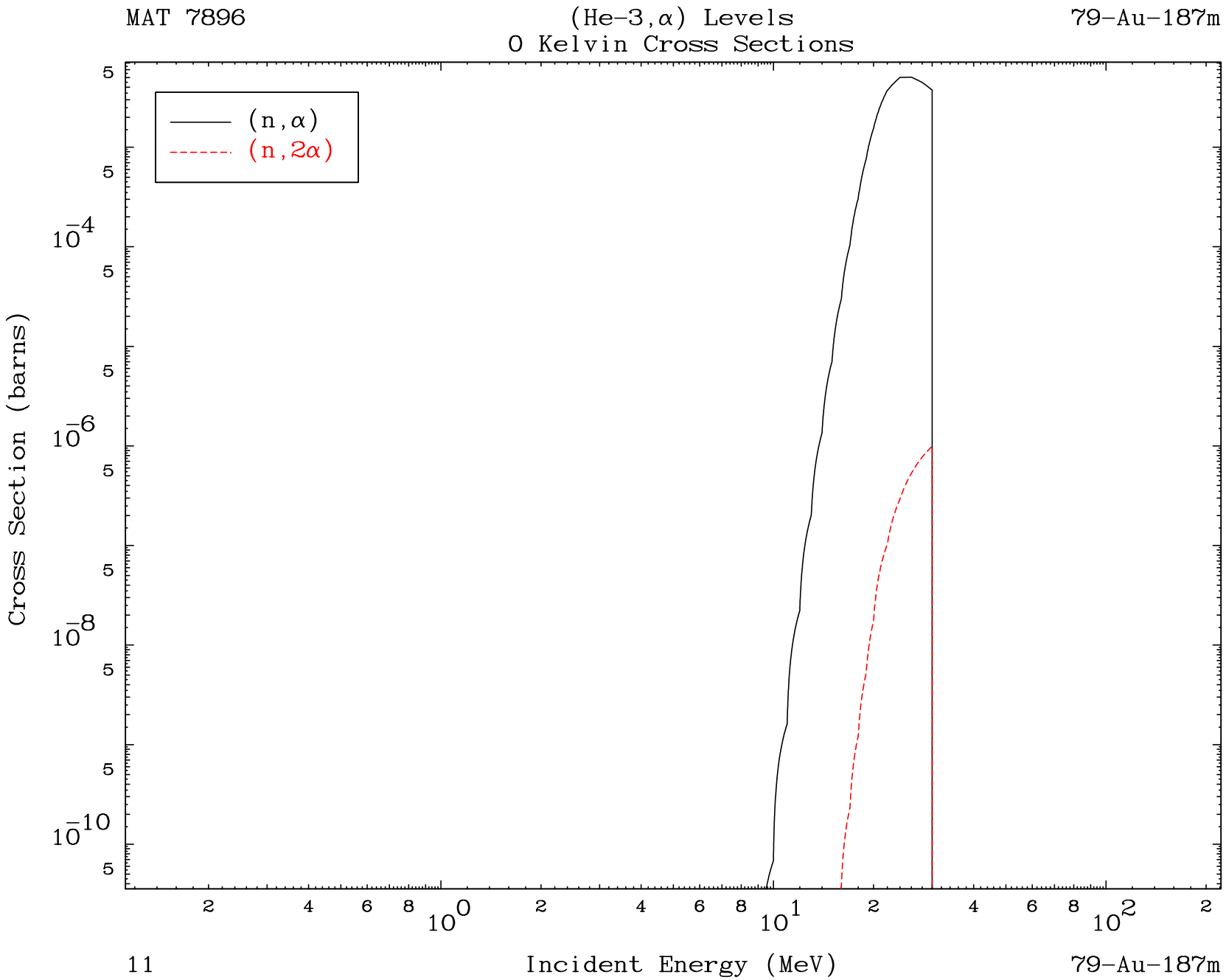

MAT 7896
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-187m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-187m

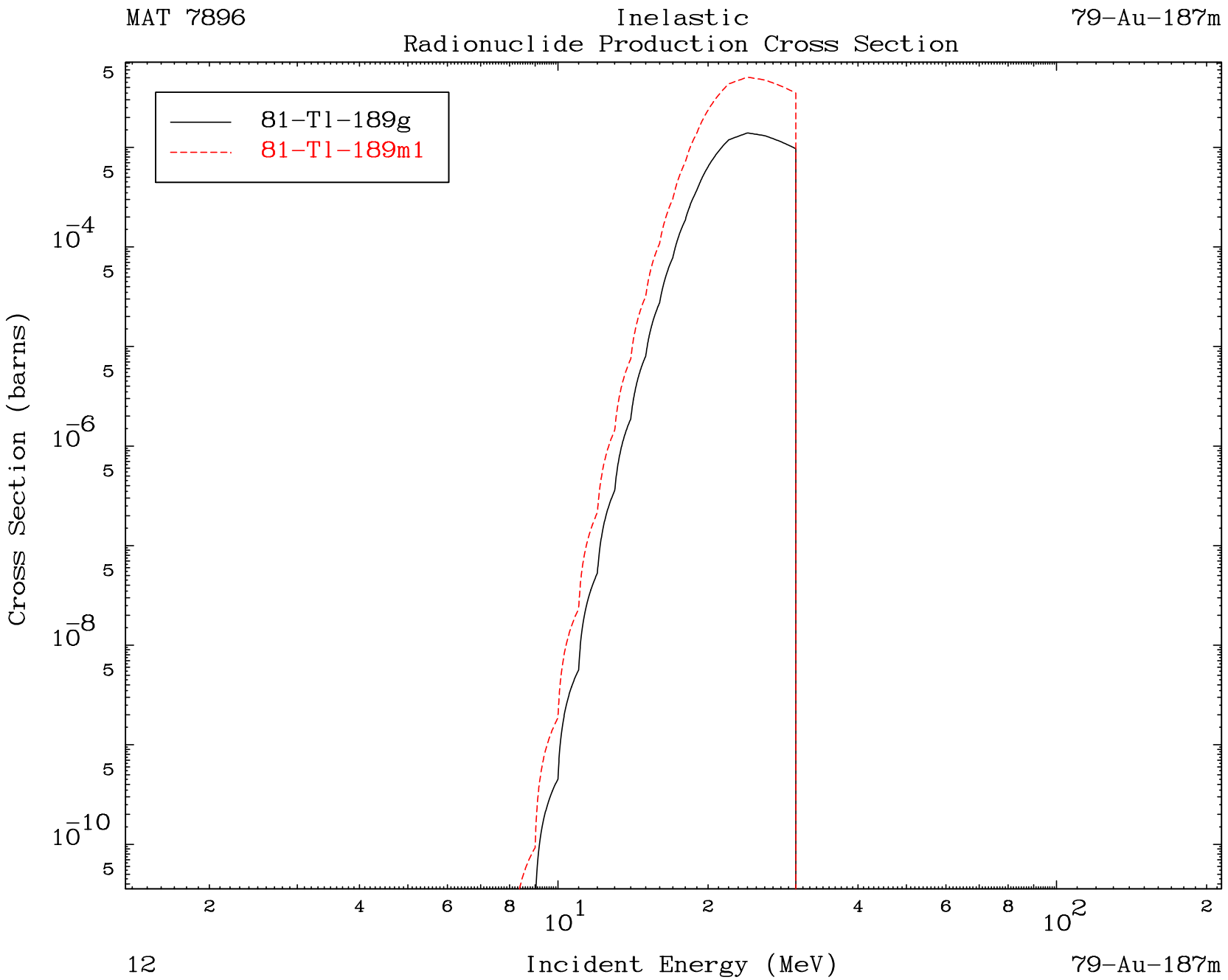

MAT 7896
(He-3,p) Levels
0 Kelvin Cross Sections
79-Au-187m
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-187m

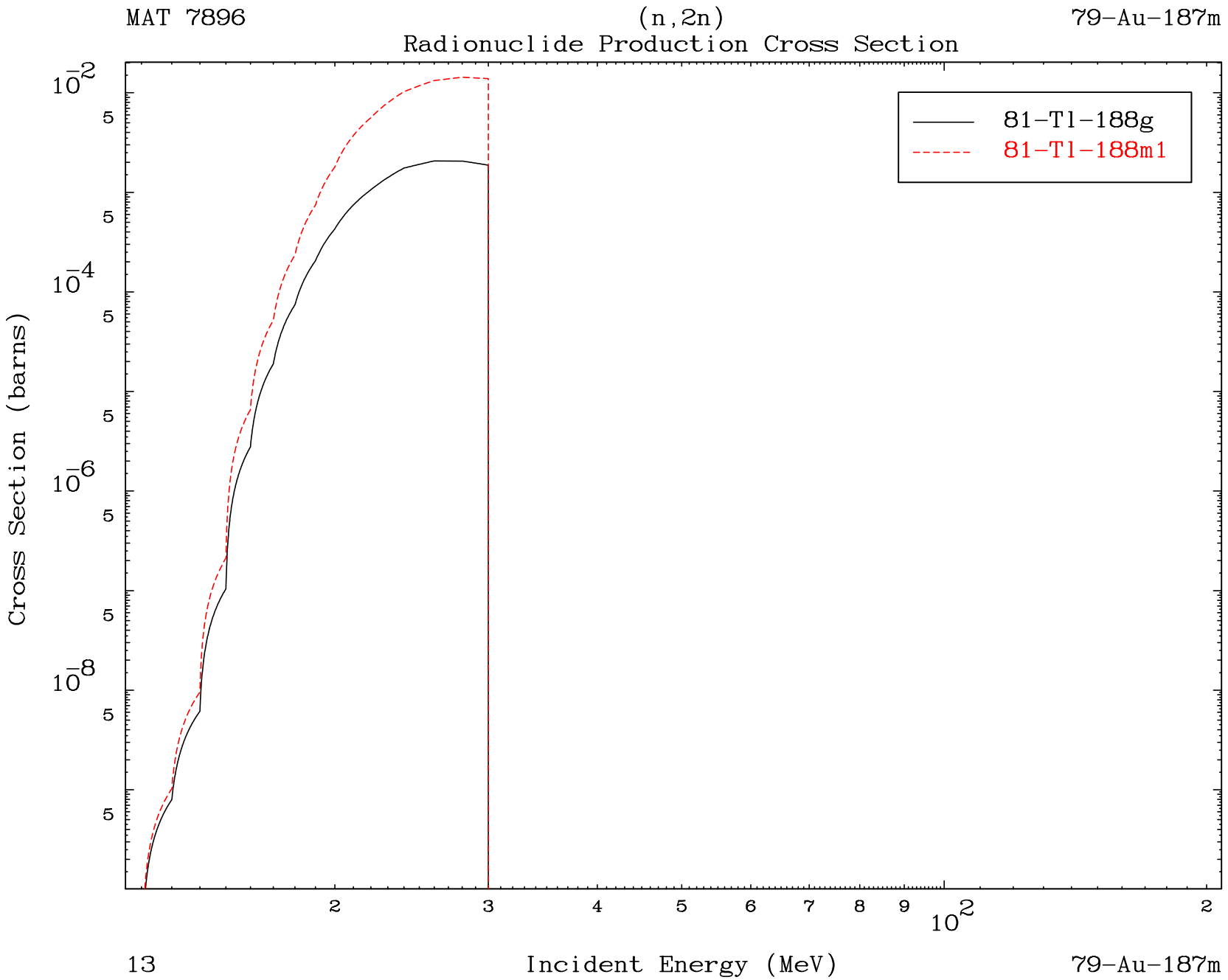

MAT 7896
(He-3,d) Levels
0 Kelvin Cross Sections
79-Au-187m
(n,d)
Cross Section (barns)
Incident Energy (MeV)
79-Au-187m
8

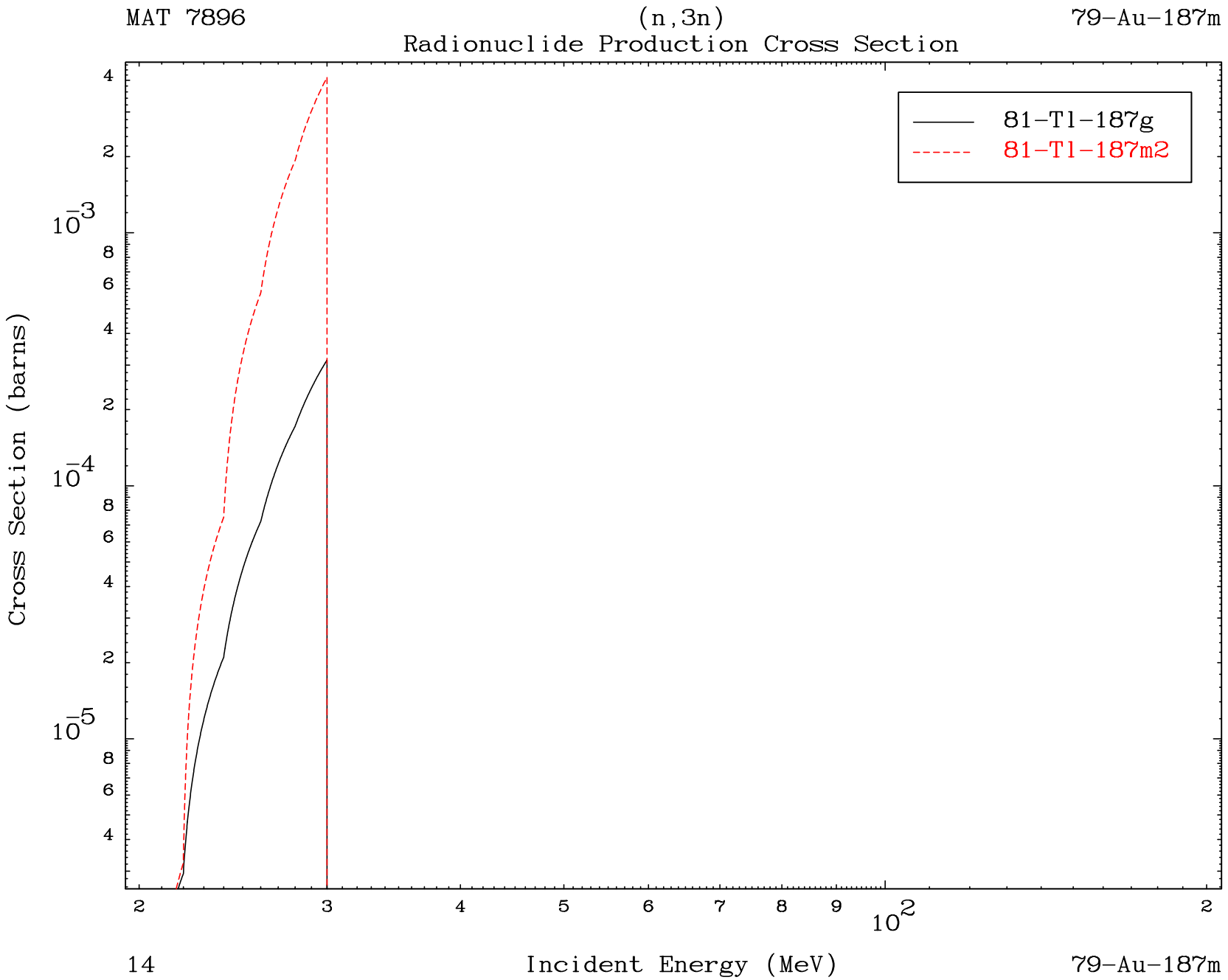

MAT 7896
(He-3,t) Levels
79-Au-187m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-187m

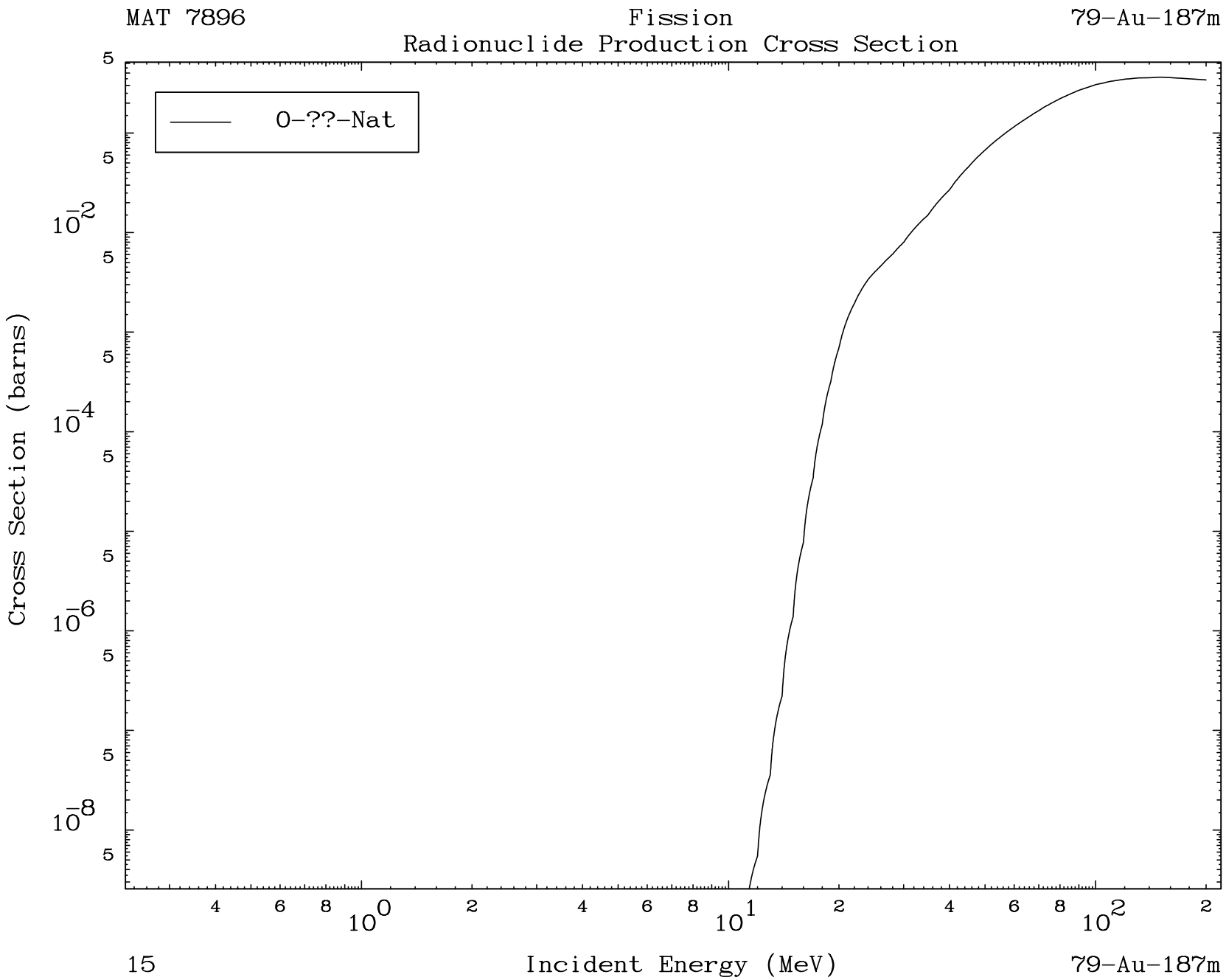

MAT 7896
(He-3,He3) Levels
79-Au-187m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
79-Au-187m

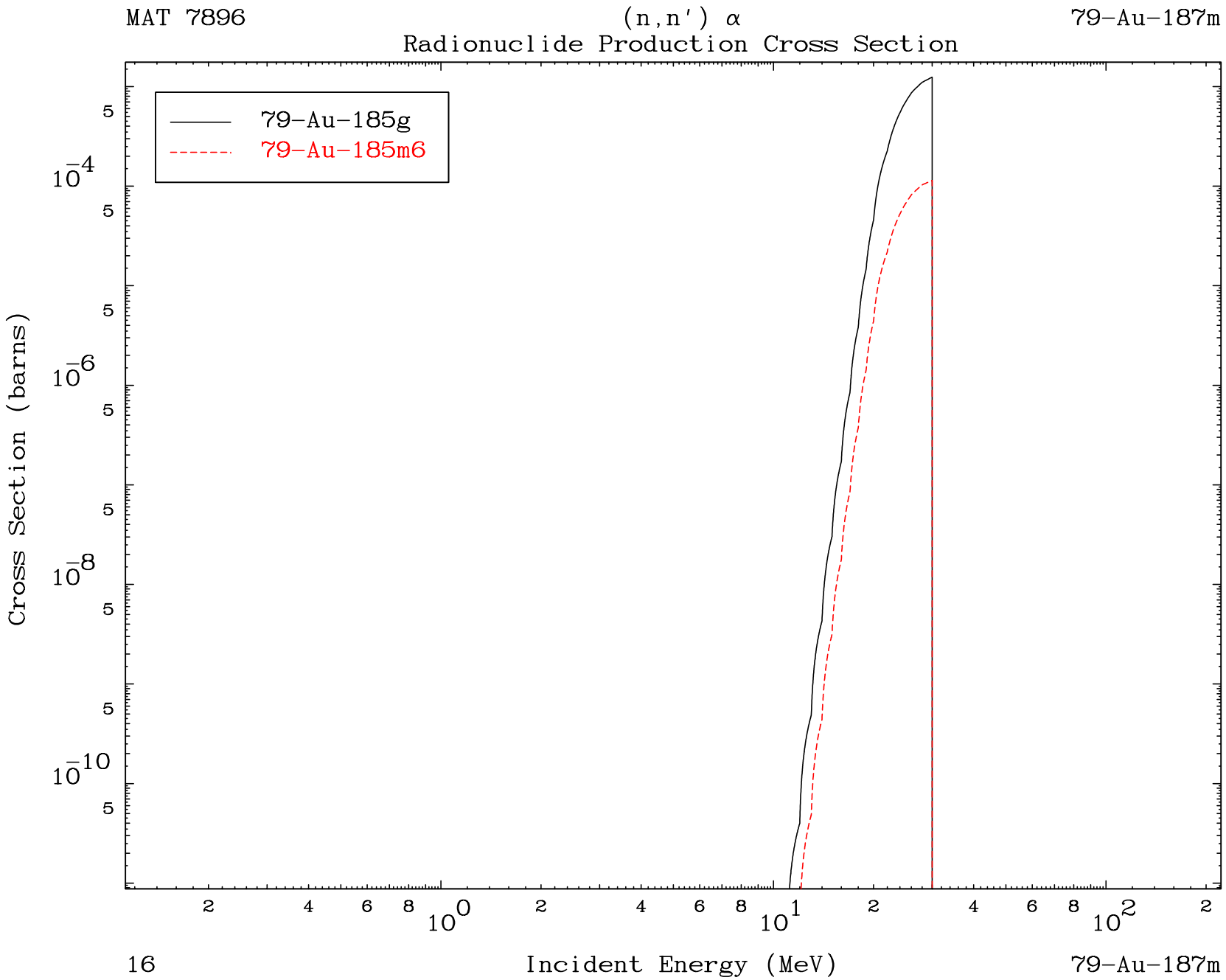

MAT 7896
(He-3,α) Levels
0 Kelvin Cross Sections
79-Au-187m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
79-Au-187m

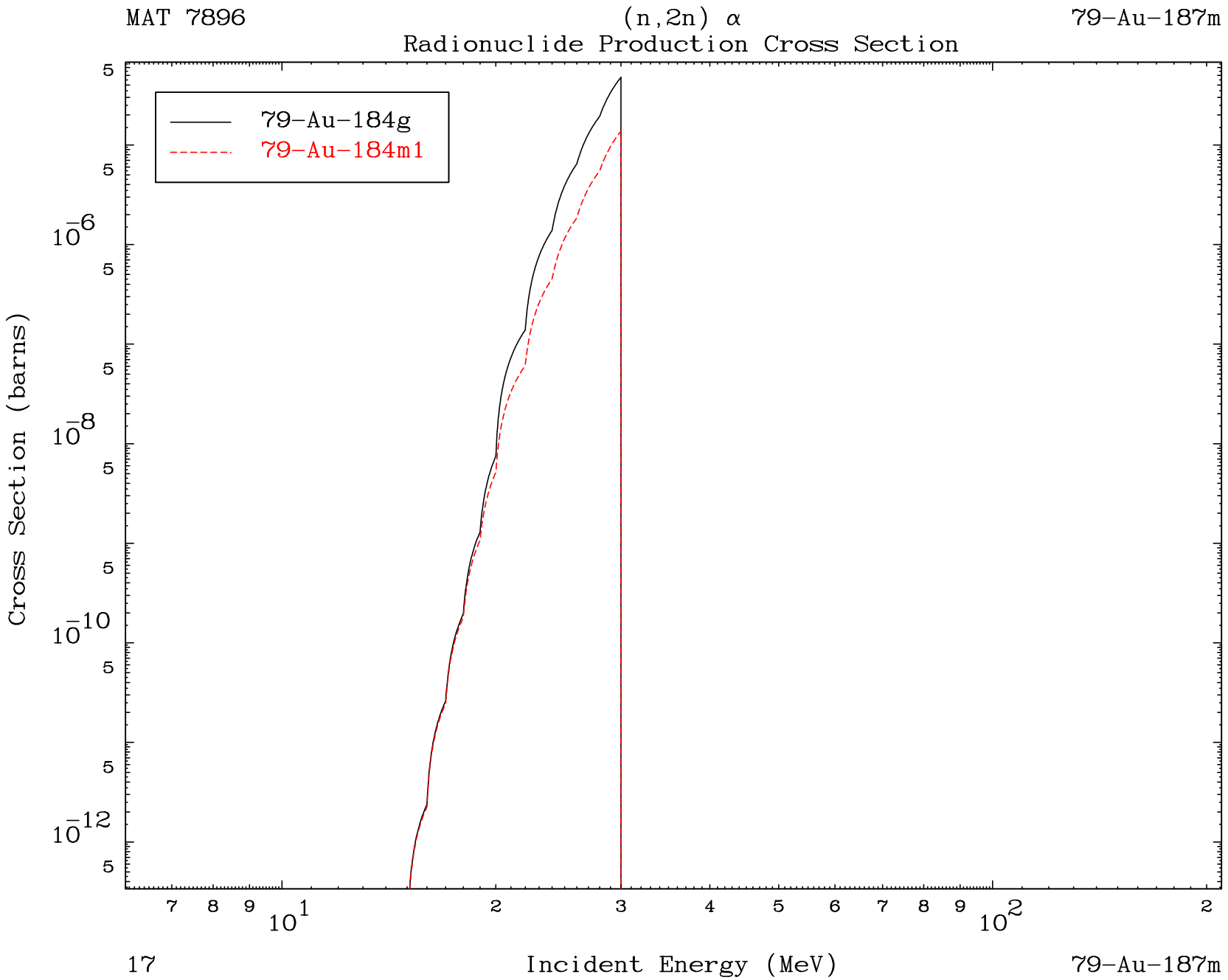

MAT 7896
Inelastic
79-Au-187m
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-187m

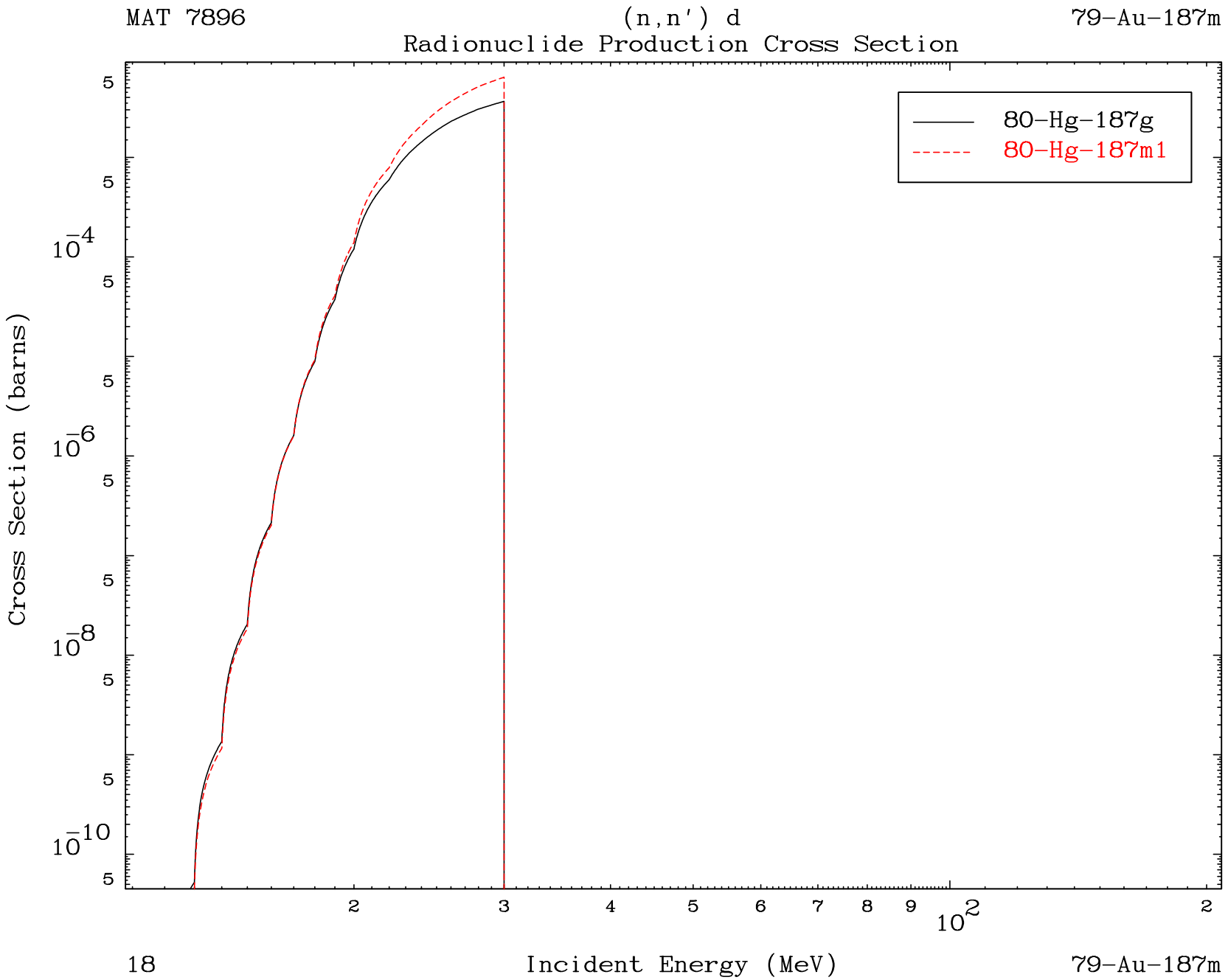

MAT 7896
(n,2n)
79-Au-187m
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-187m

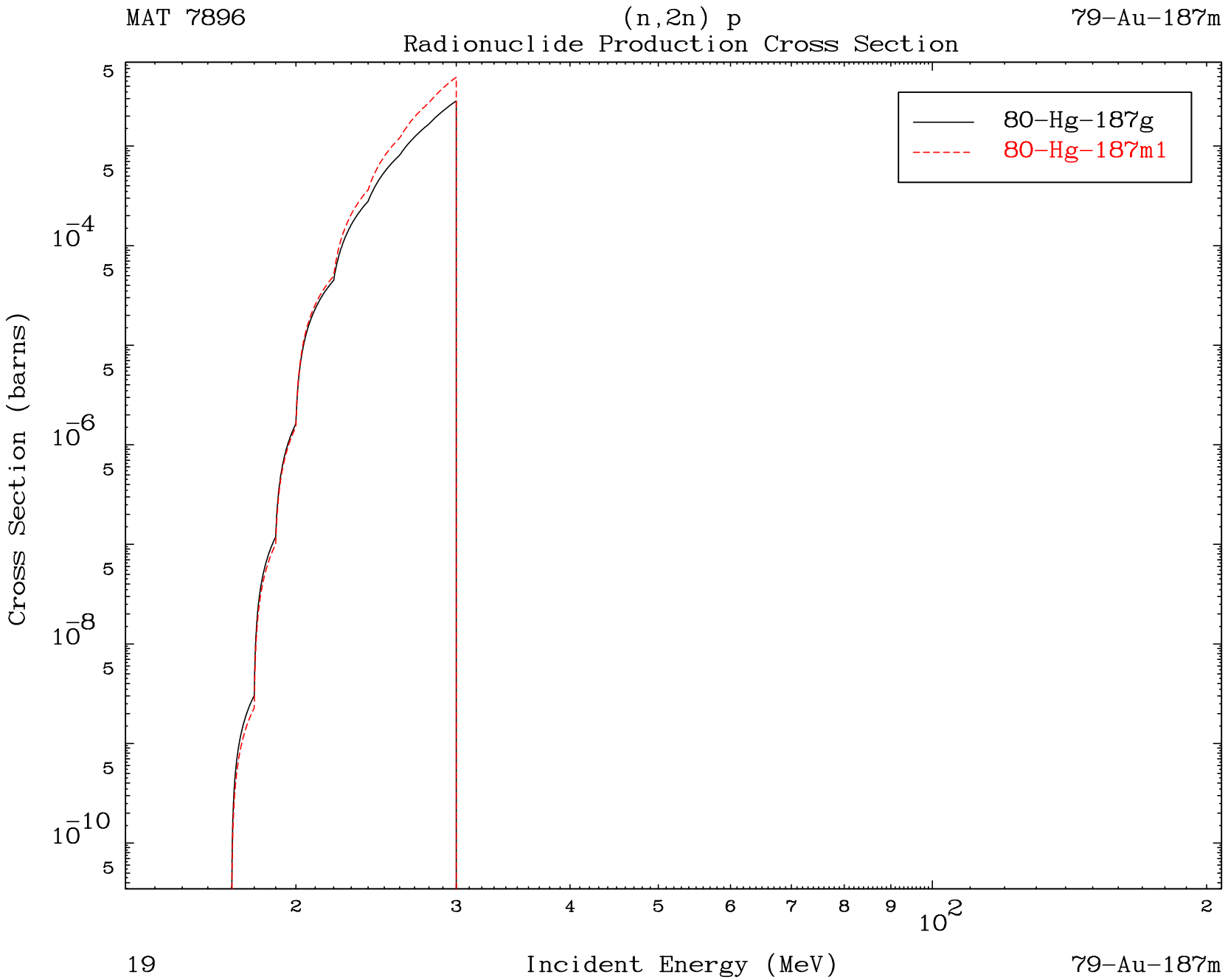

MAT 7896
(n,3n)
79-Au-187m
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-187m

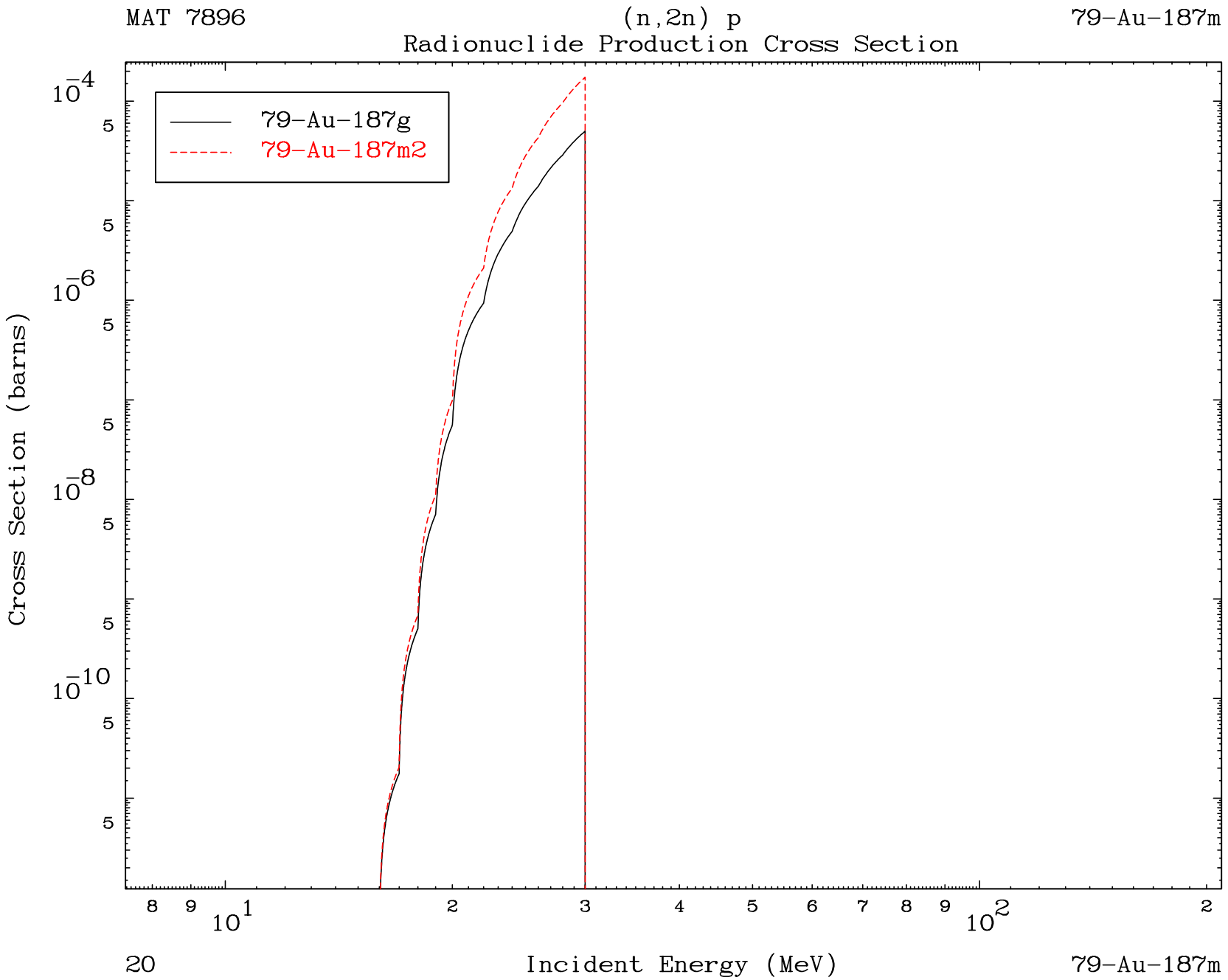

MAT 7896
Fission
79-Au-187m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-187m

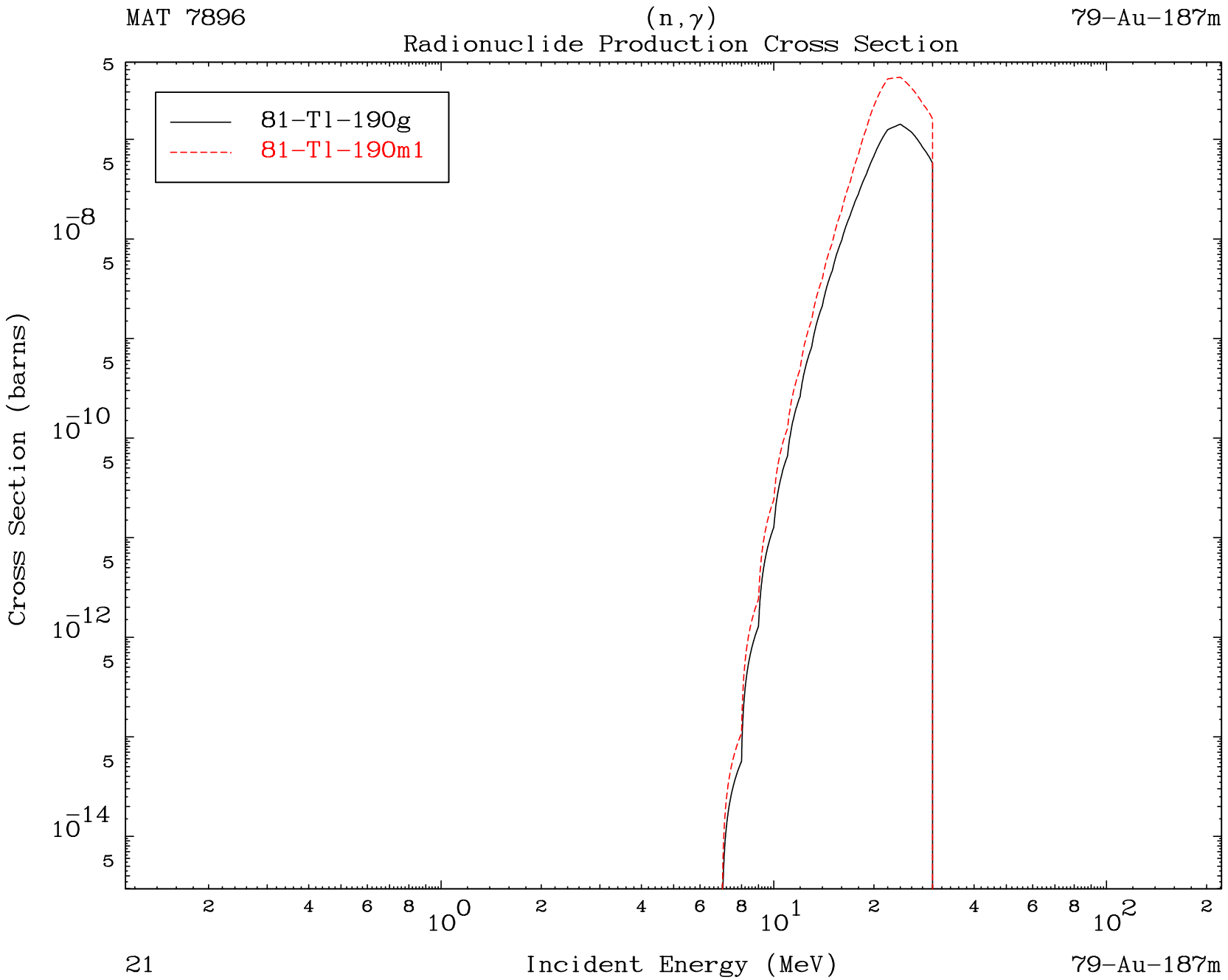

MAT 7896
(n,n') α
79-Au-187m
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
16
79-Au-187m

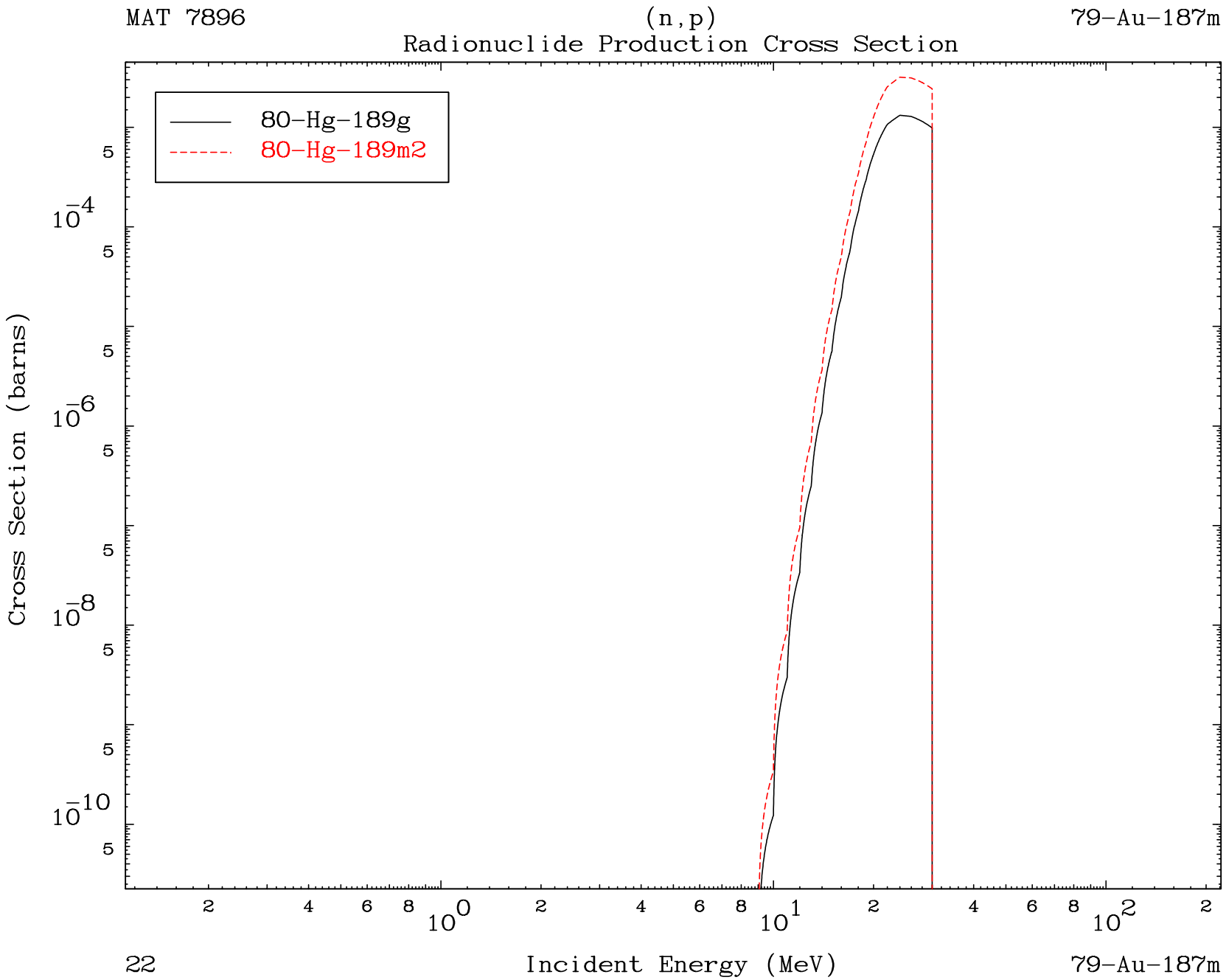

MAT 7896
(n,2n) α
79-Au-187m
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
17
79-Au-187m

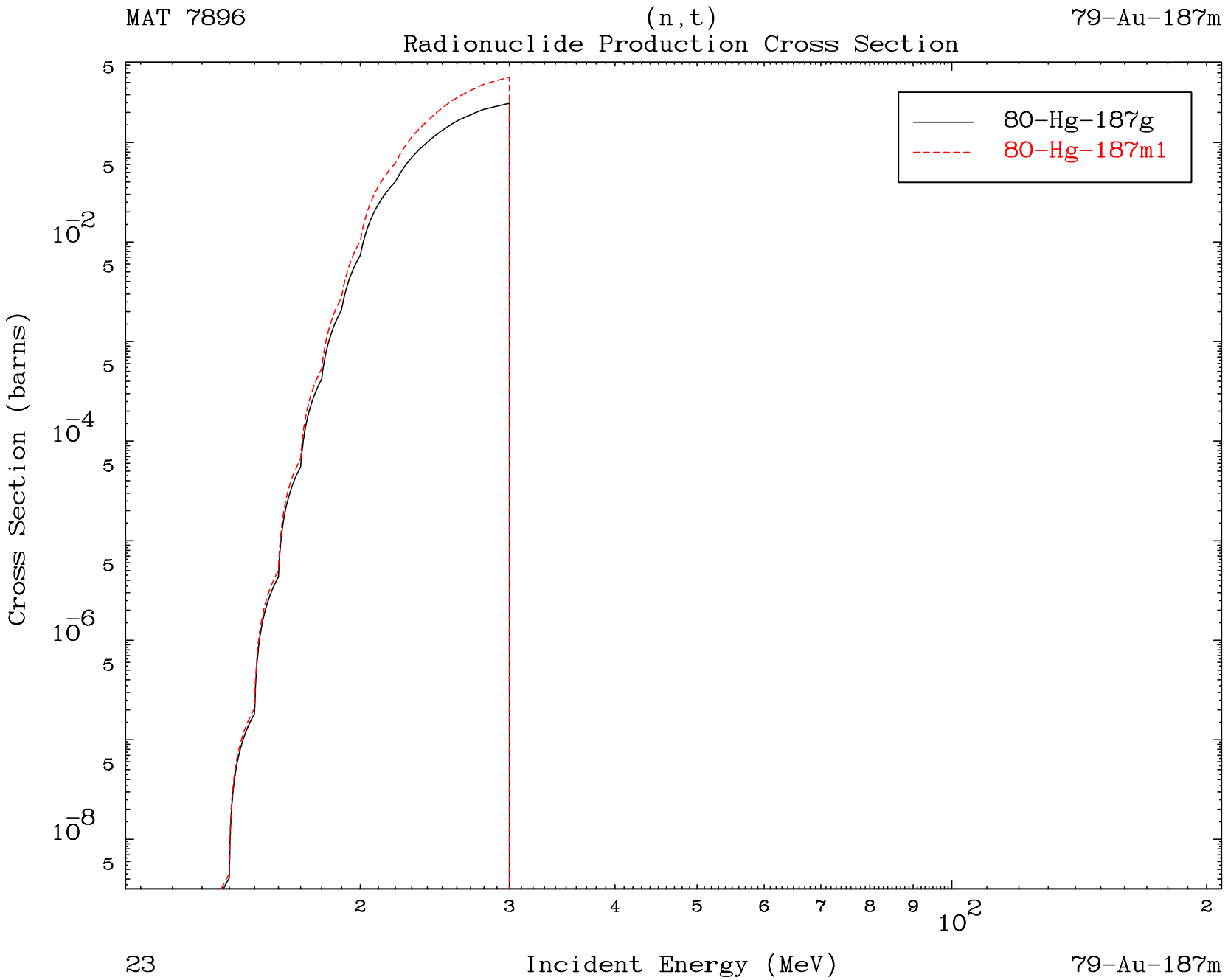

MAT 7896
(n,n') d
79-Au-187m
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
18
79-Au-187m

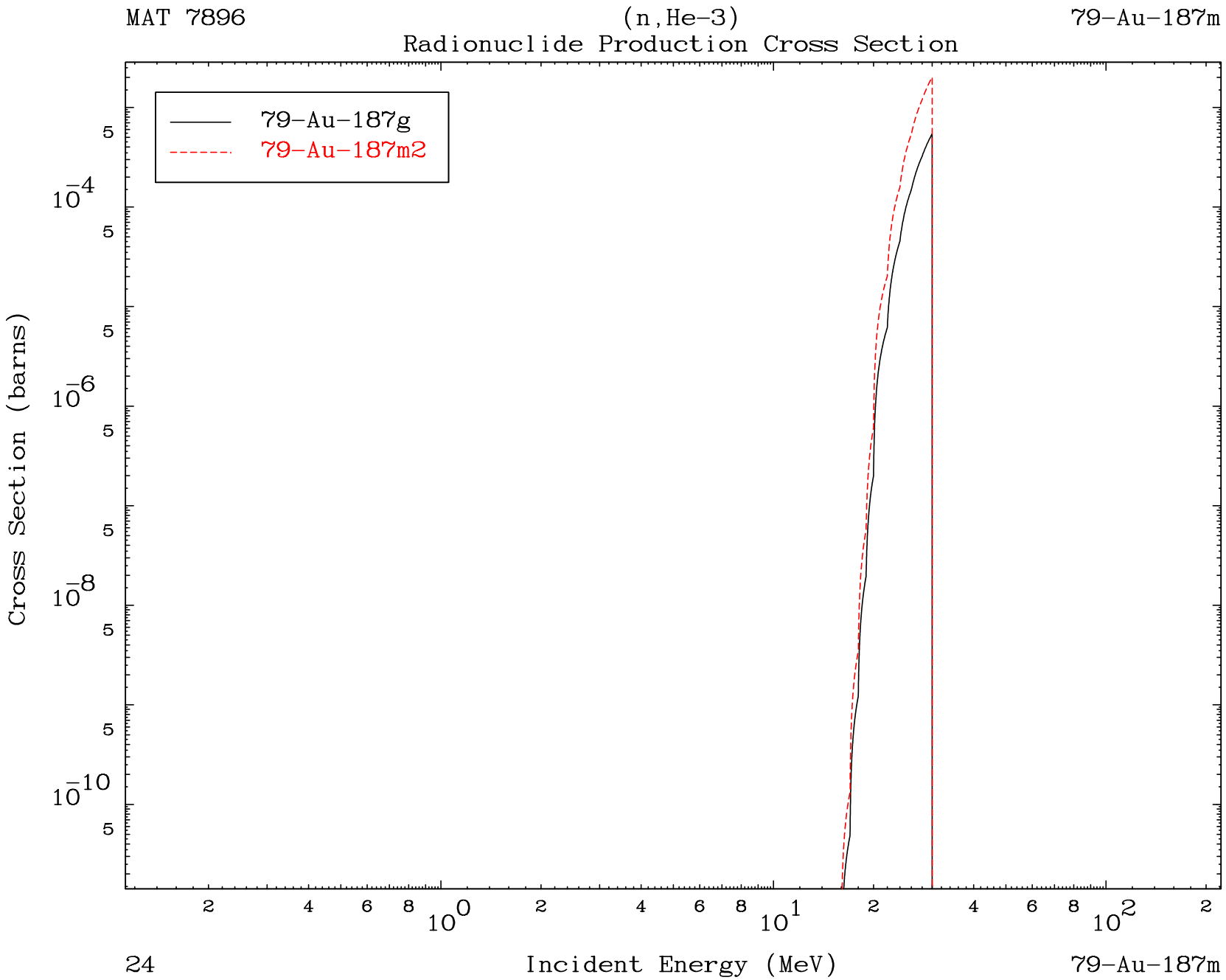

MAT 7896
(n,2n) p
79-Au-187m
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
19
79-Au-187m

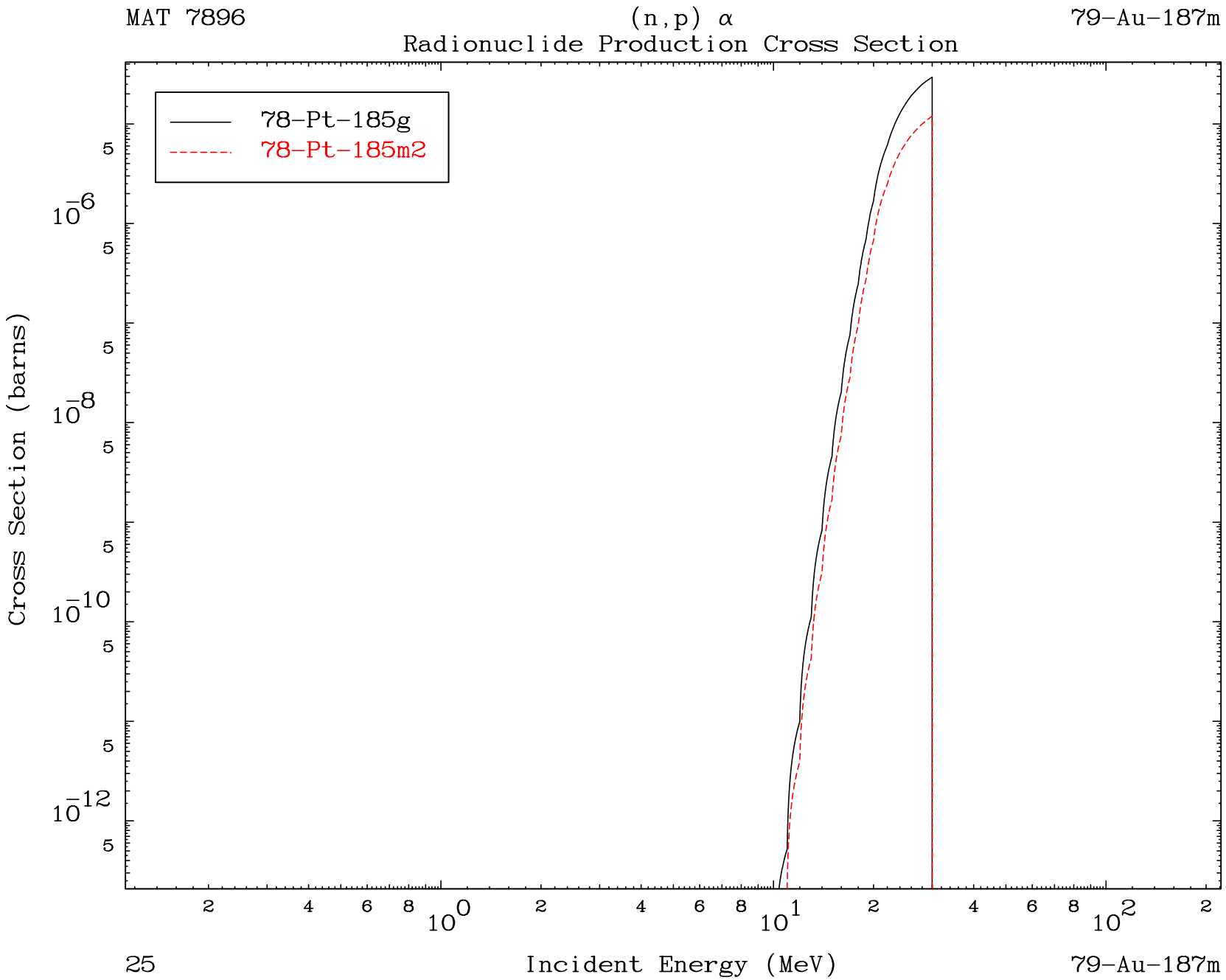

MAT 7896
(n,2n) p
79-Au-187m
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
20
79-Au-187m

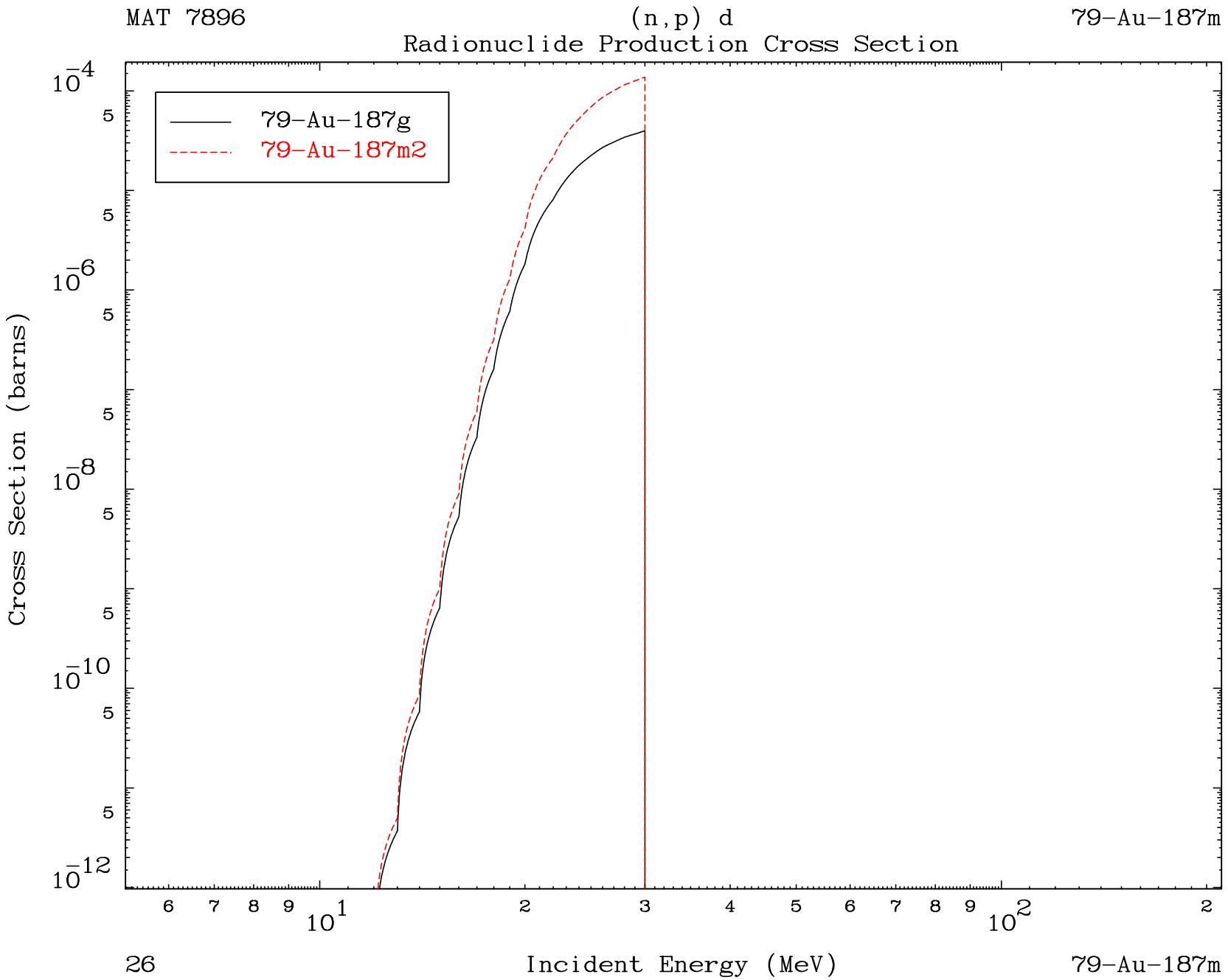

MAT 7896
(n,γ)
79-Au-187m
Radionuclide Production Cross Section
81-Tl-190g
81-Tl-190m1
Cross Section (barns)
Incident Energy (MeV)
21
79-Au-187m


MAT 7896
(n,p)
79-Au-187m
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
22
79-Au-187m


MAT 7896
(n,t)
79-Au-187m
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
23
79-Au-187m


MAT 7896
(n,He-3)
79-Au-187m
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
79-Au-187m


MAT 7896
(n,p) α
79-Au-187m
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
25
79-Au-187m


MAT 7896
(n,p) d
79-Au-187m
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
26
79-Au-187m