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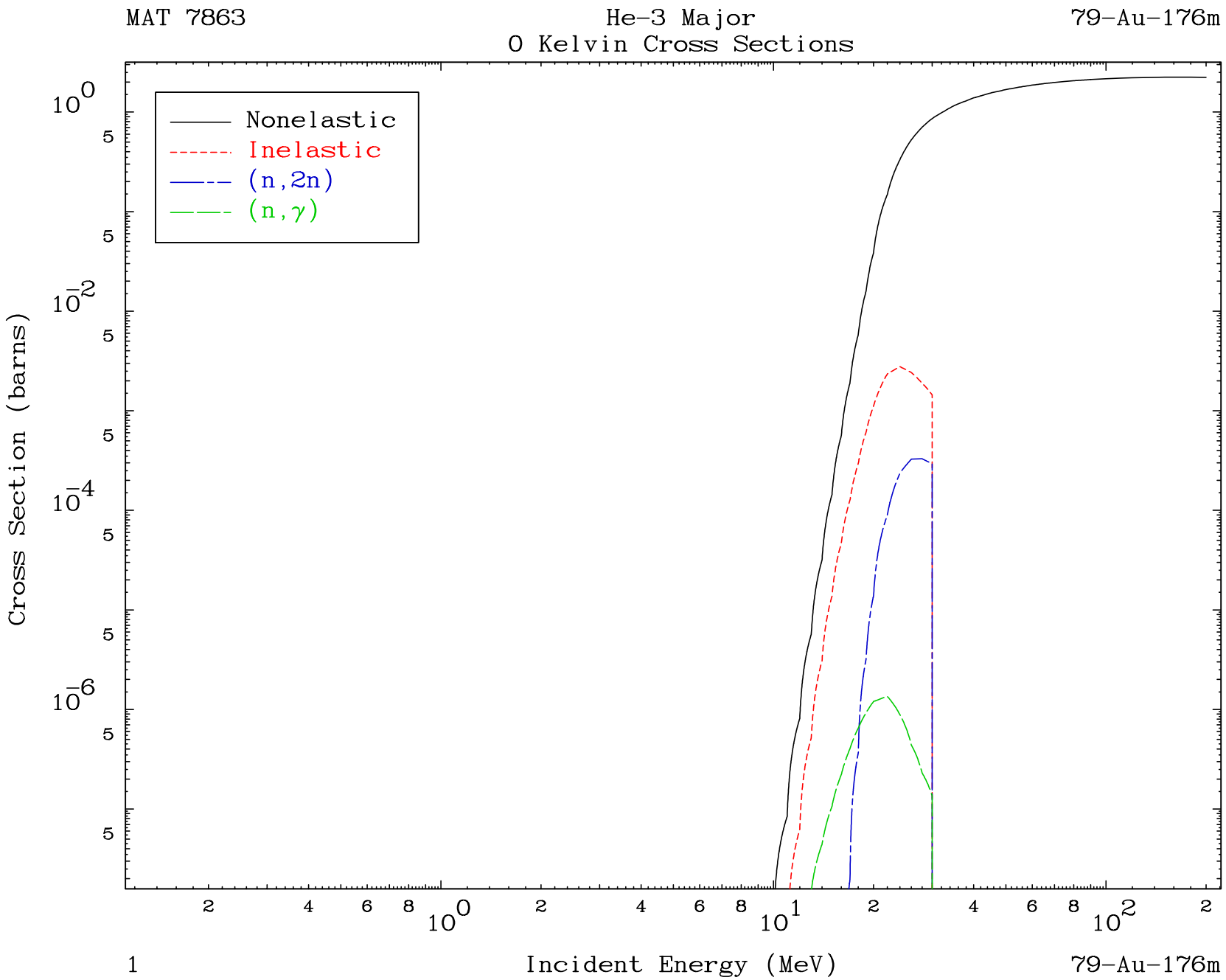
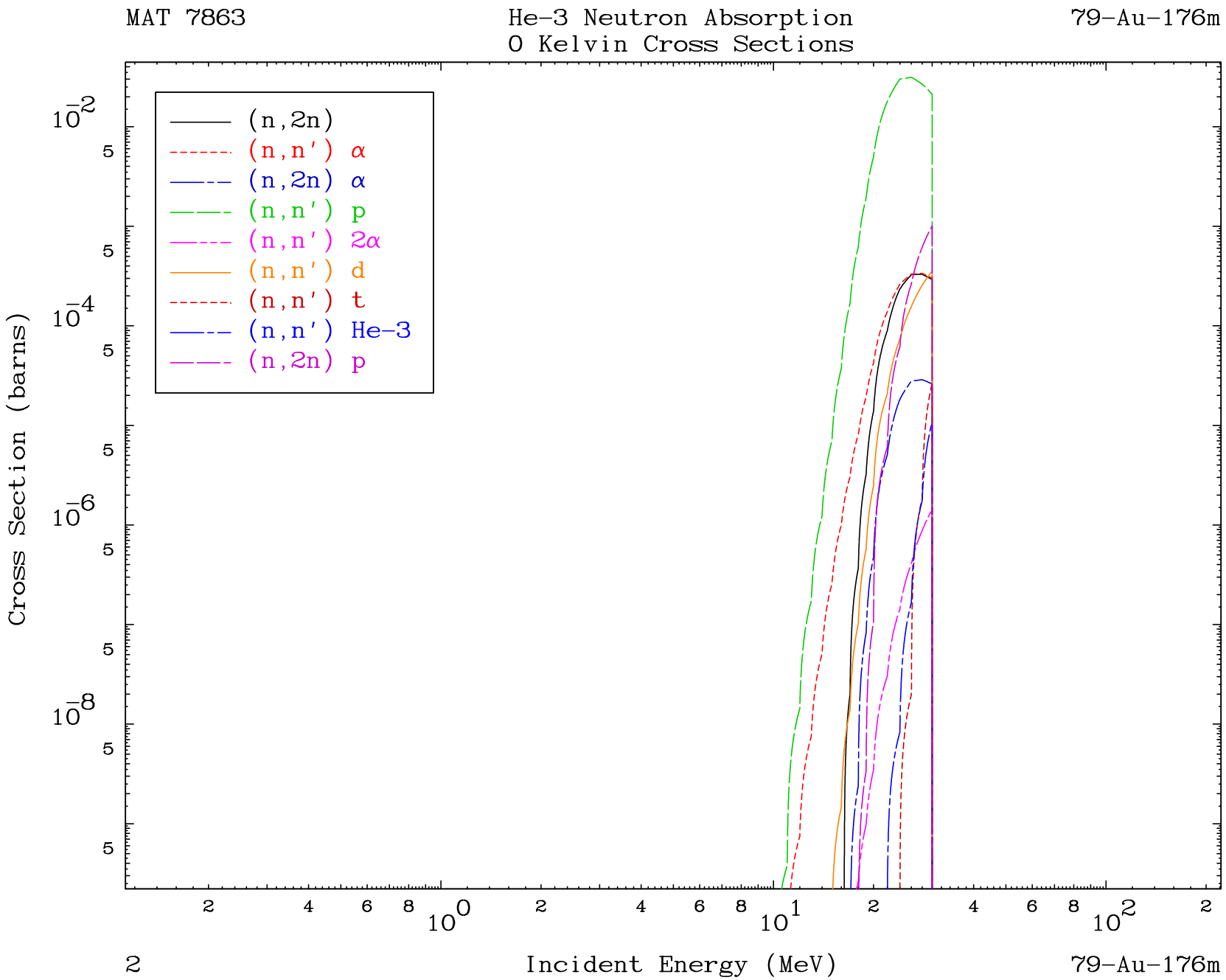
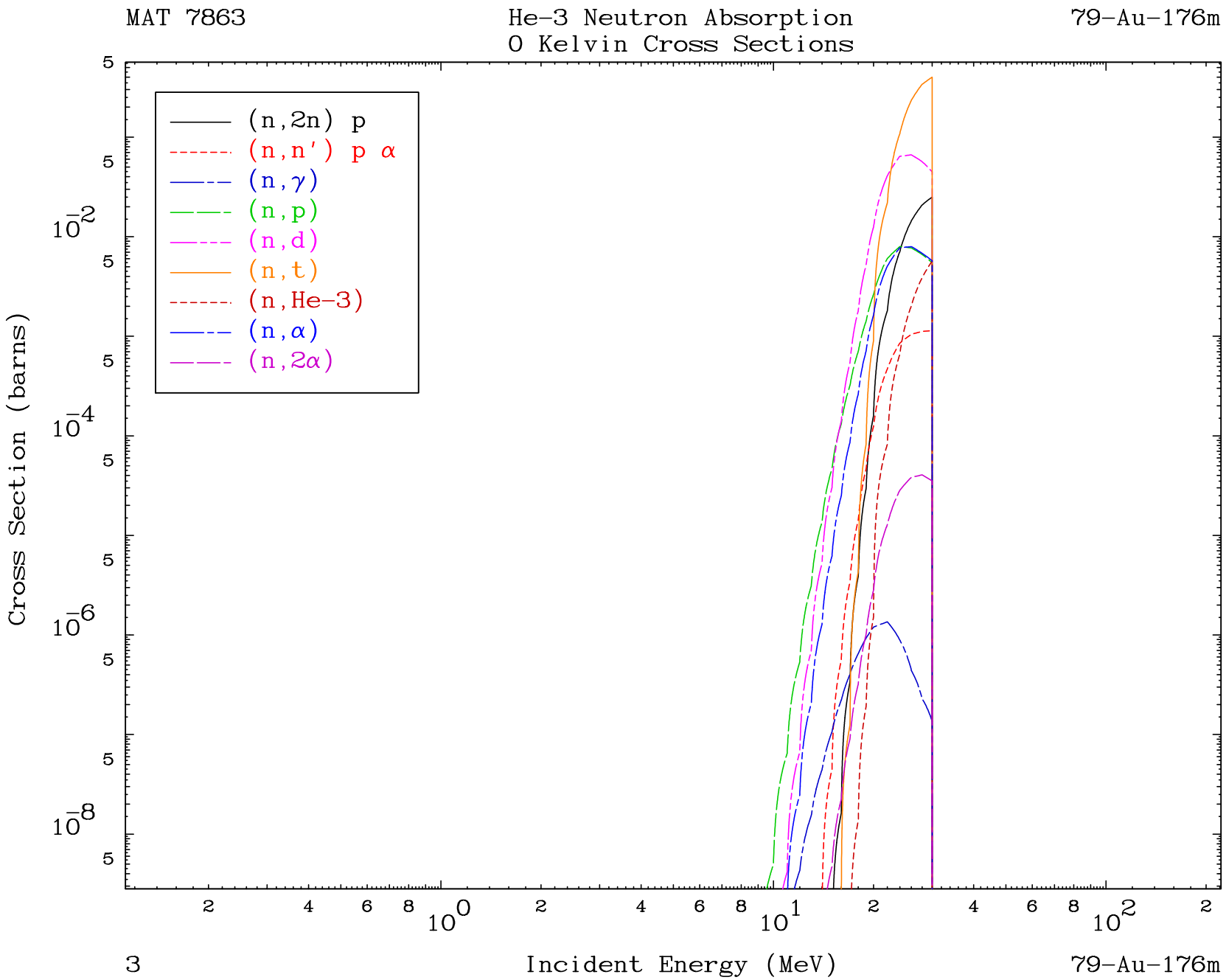
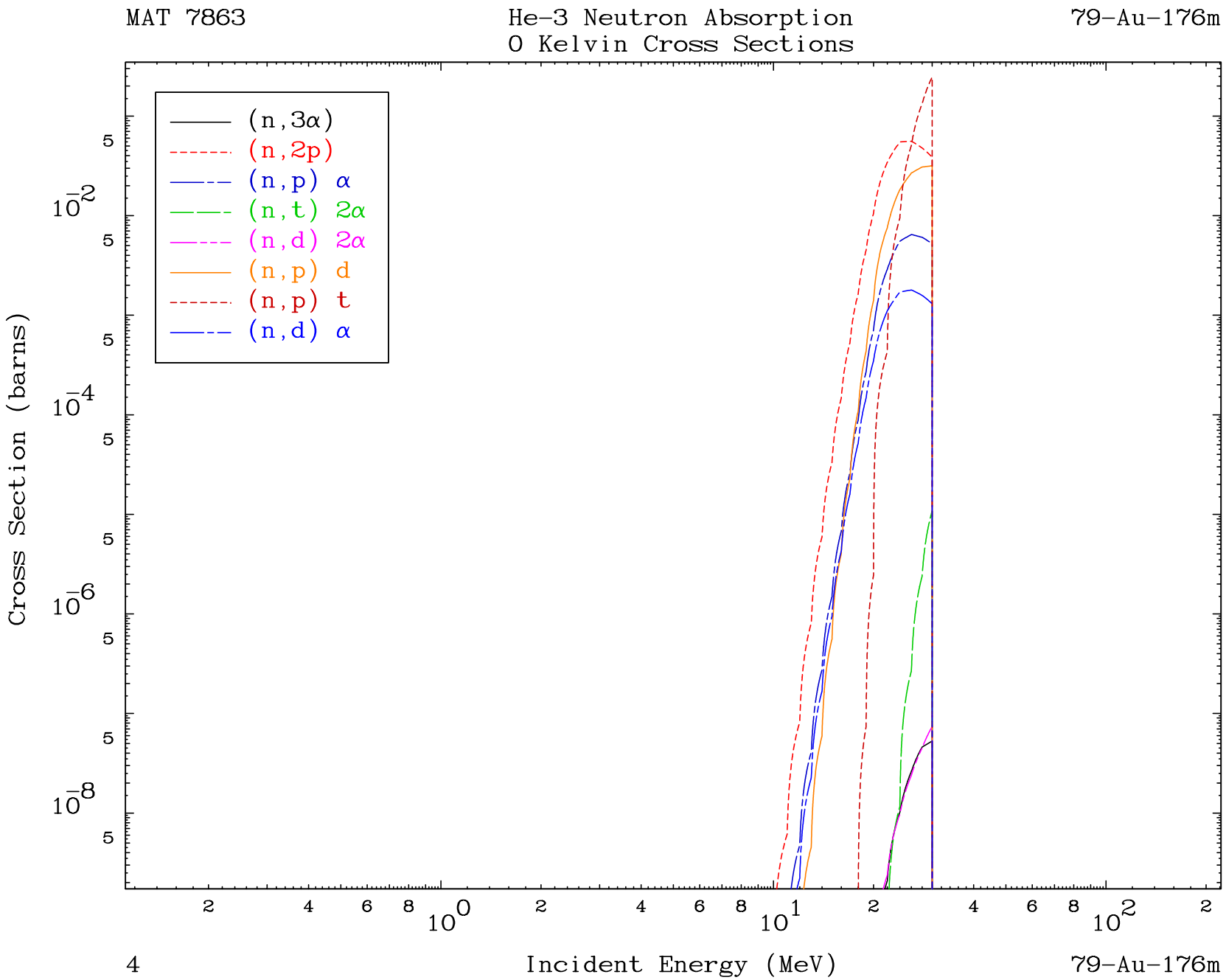
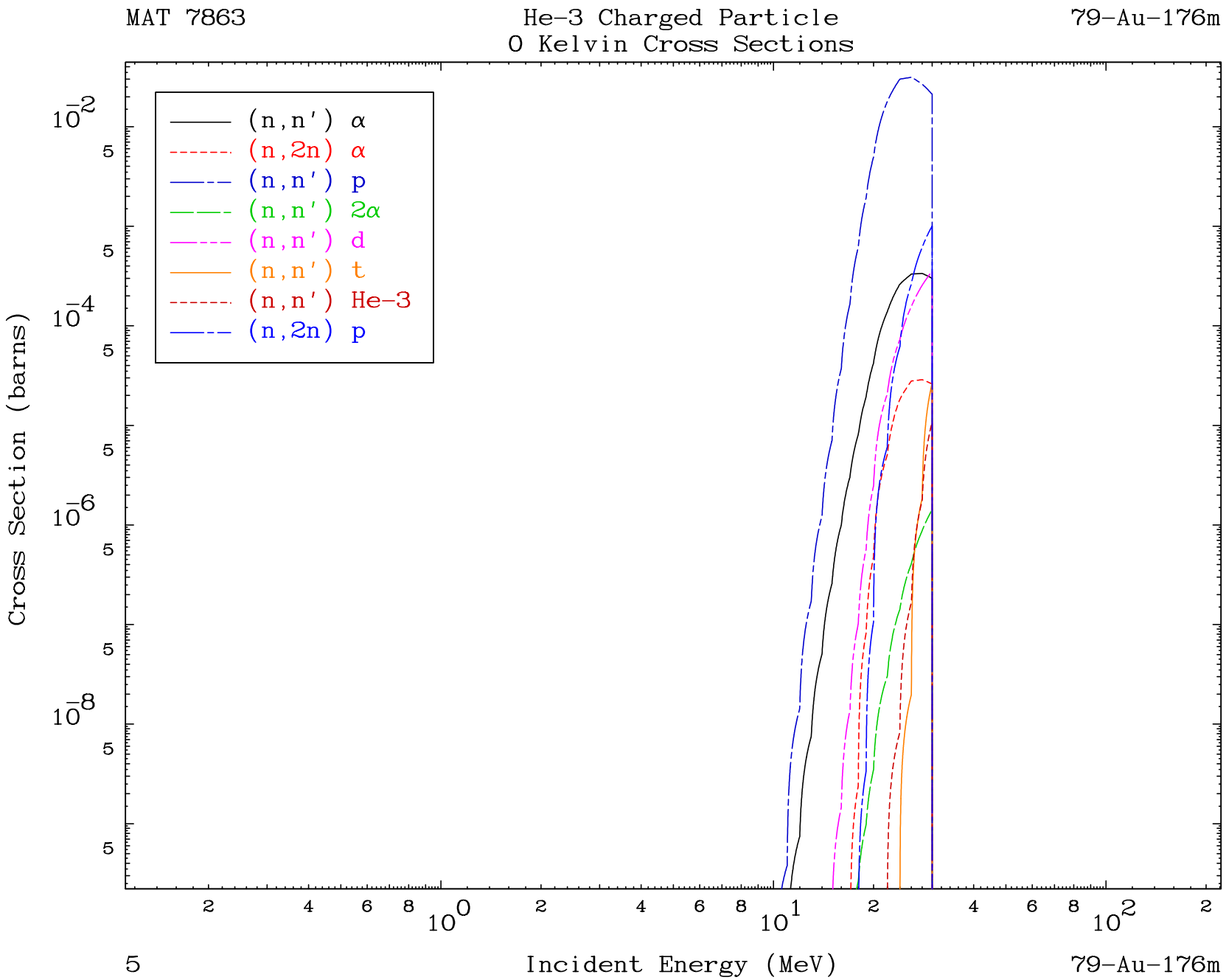
Press Mouse Button to Start

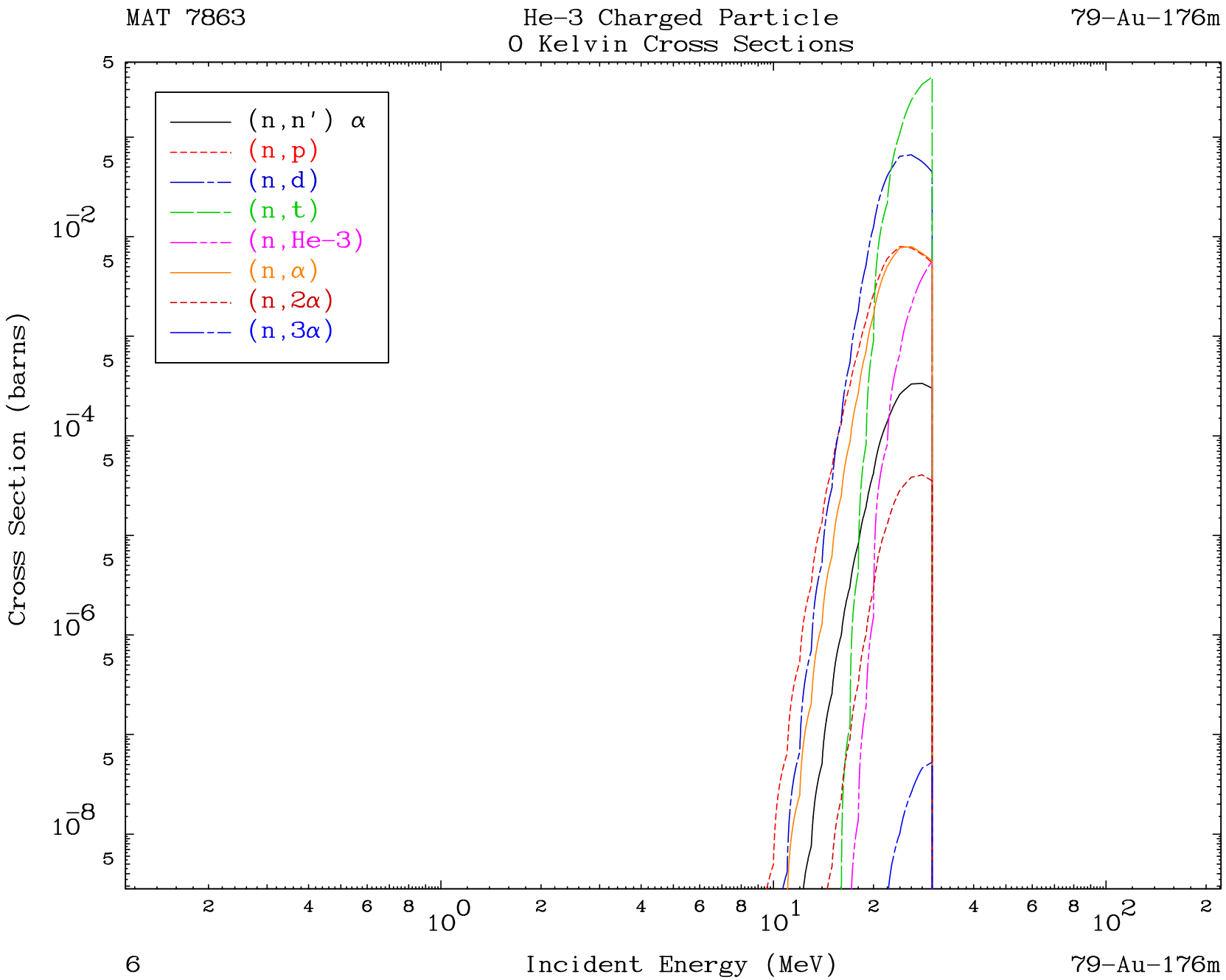

MAT 7863
He-3 Major
79-Au-176m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-176m
1

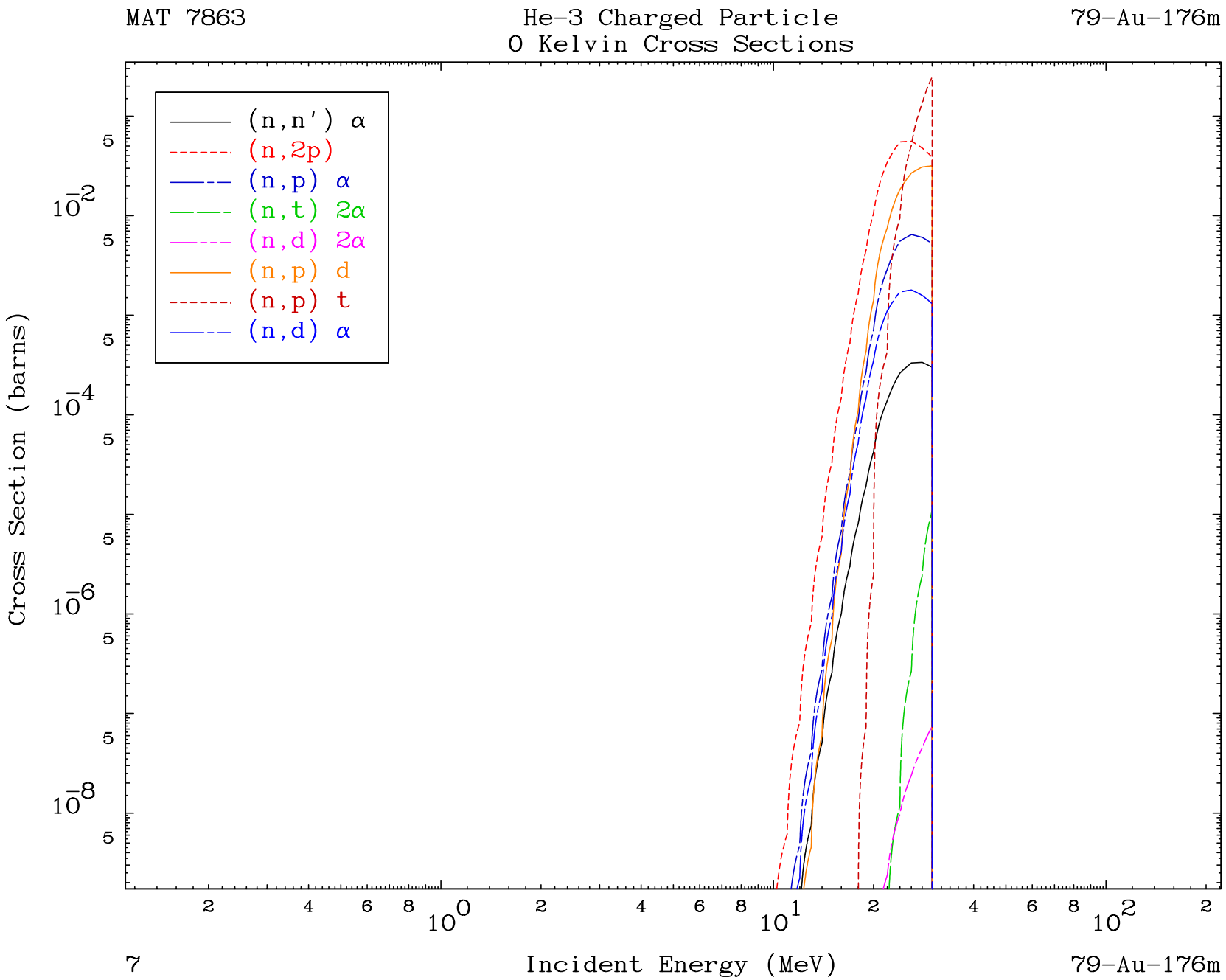

MAT 7863
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-176m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
79-Au-176m
2

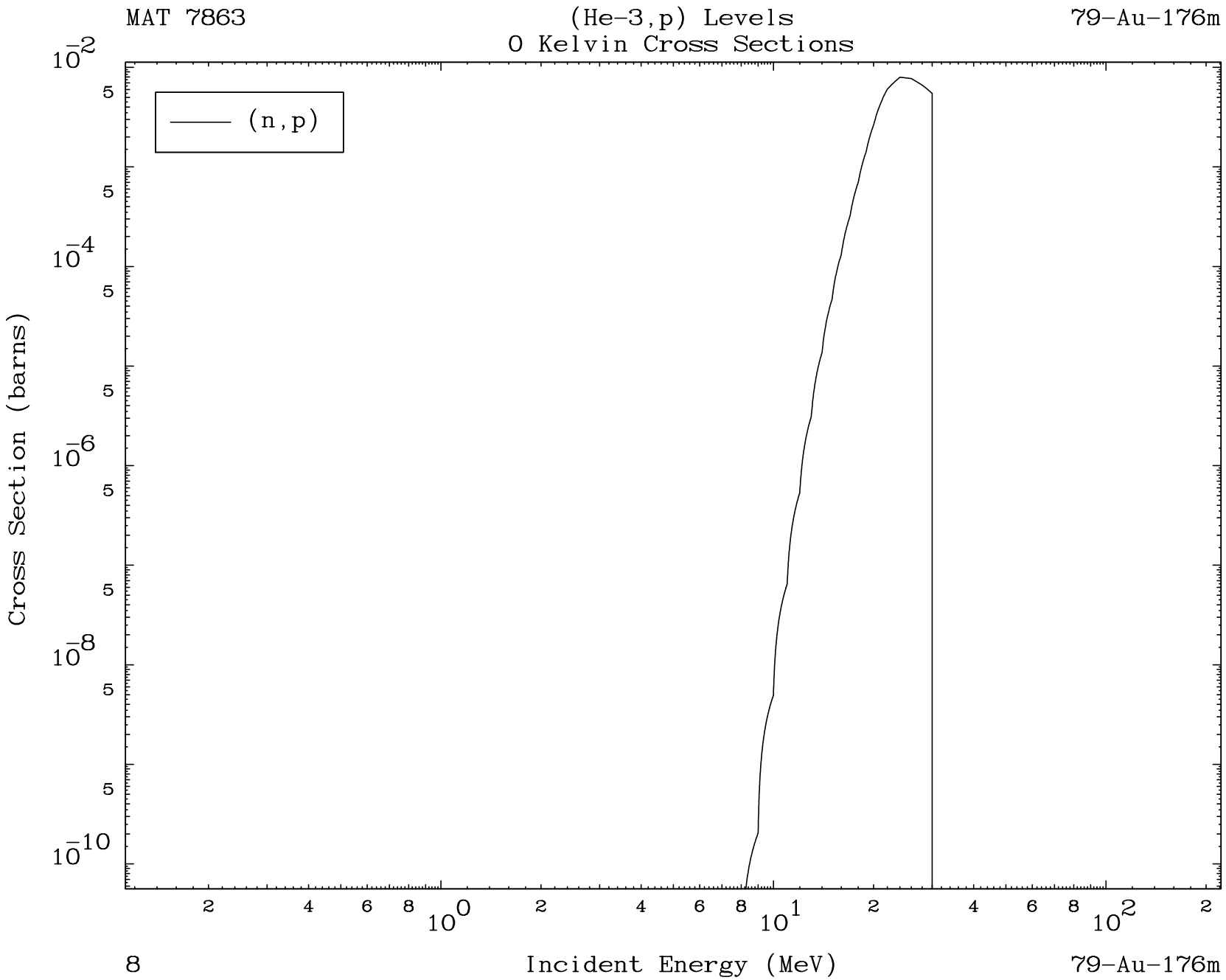

MAT 7863
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-176m
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-176m

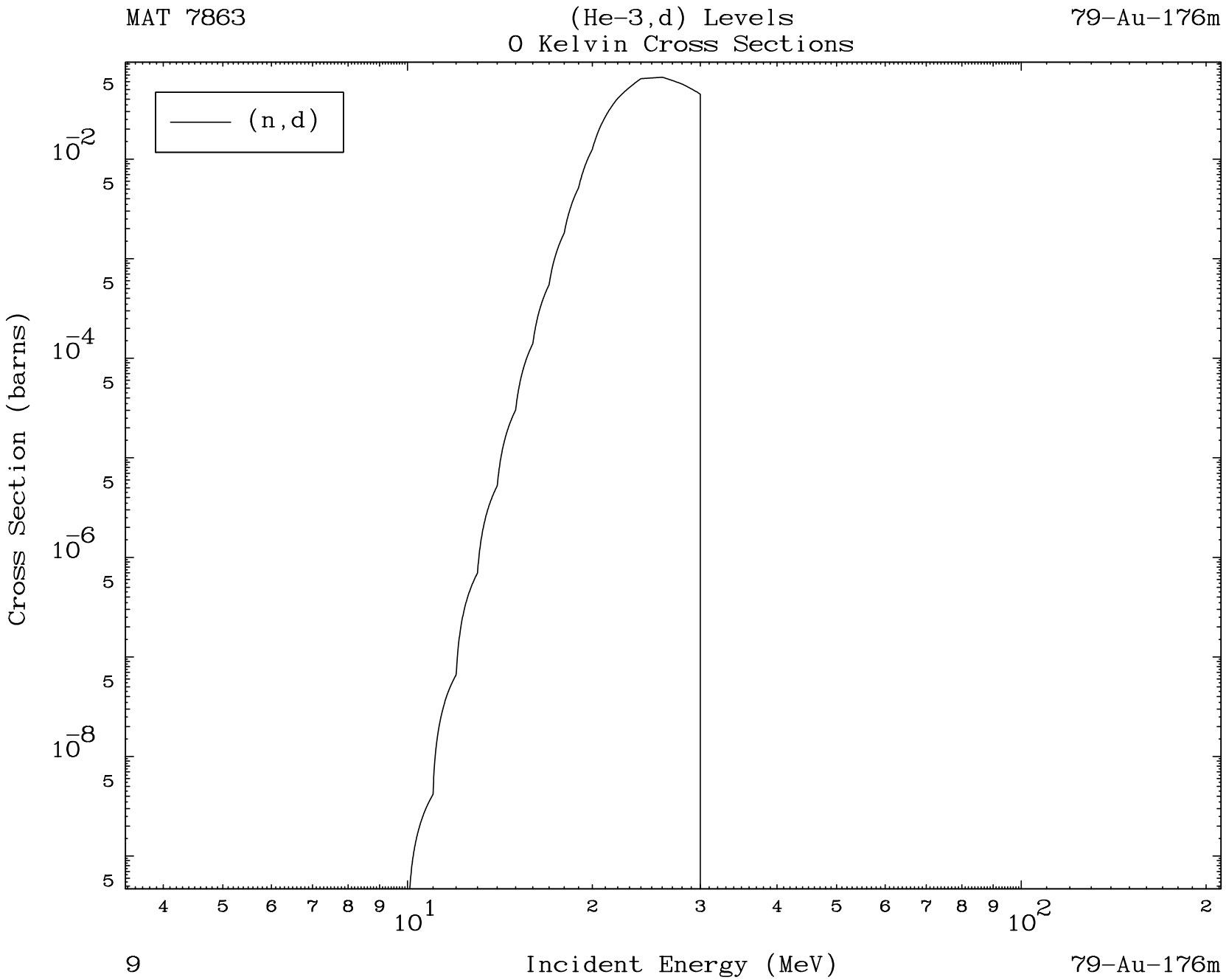

MAT 7863
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-176m
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
79-Au-176m
4

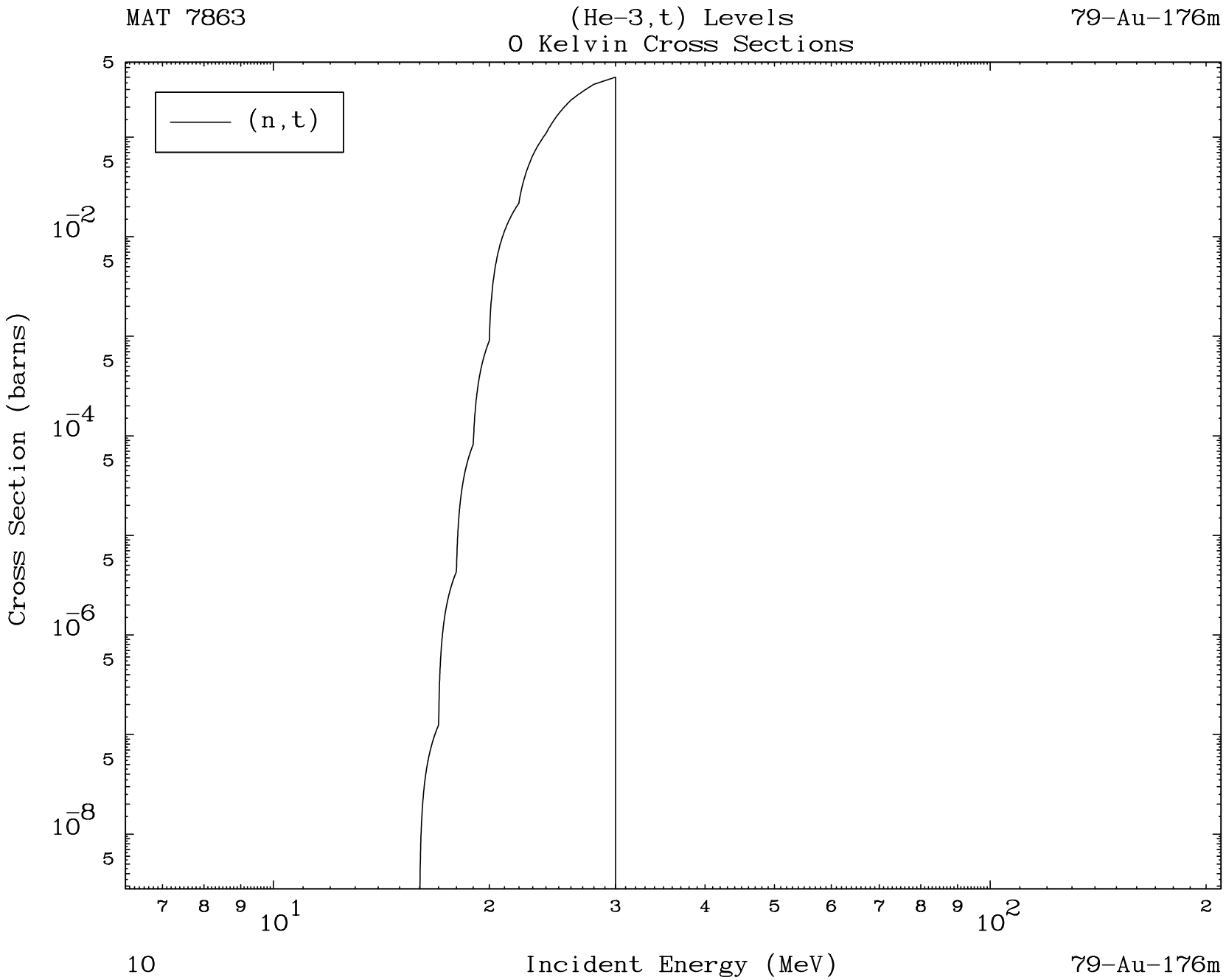

MAT 7863
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-176m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
79-Au-176m

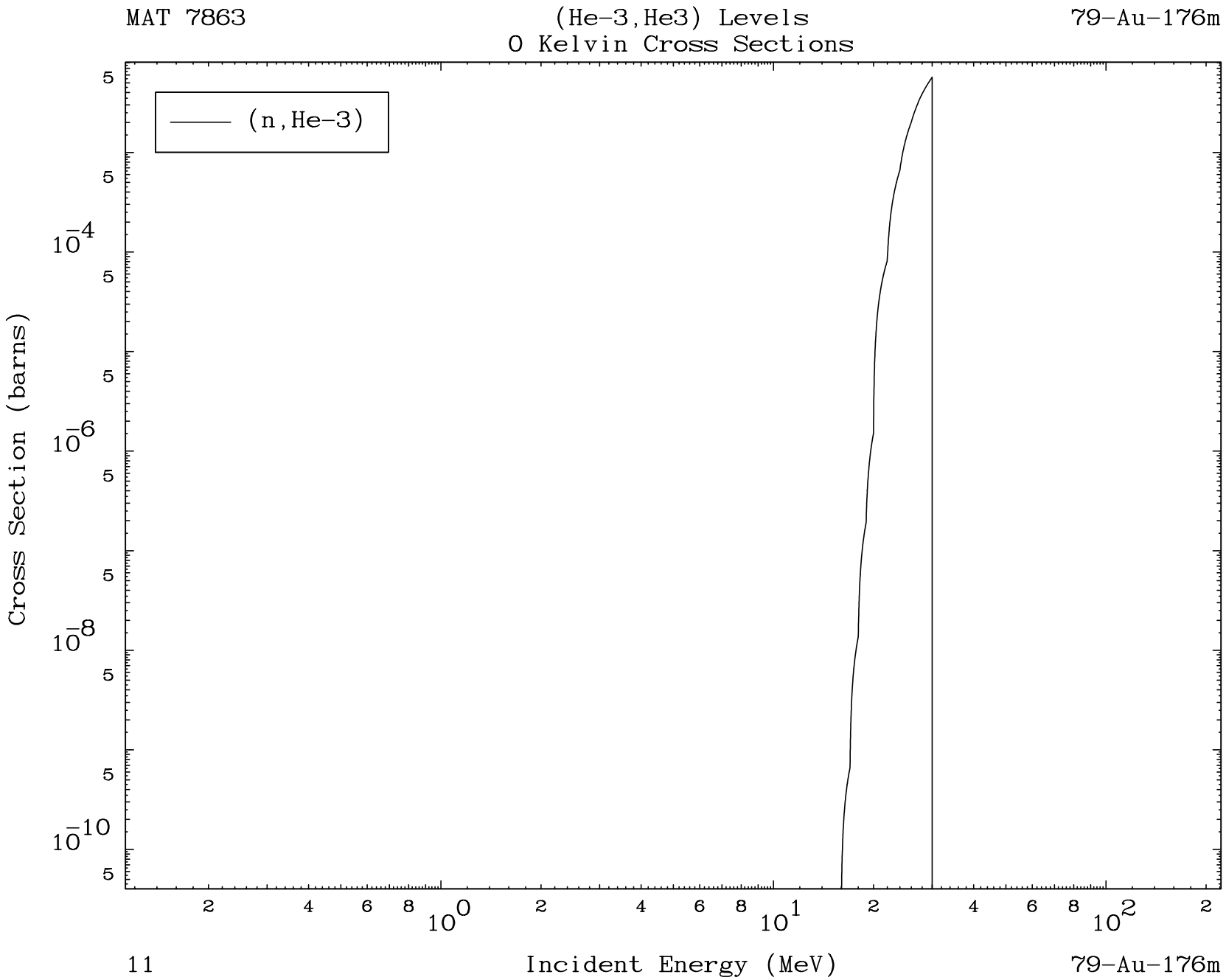

MAT 7863
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-176m
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-176m

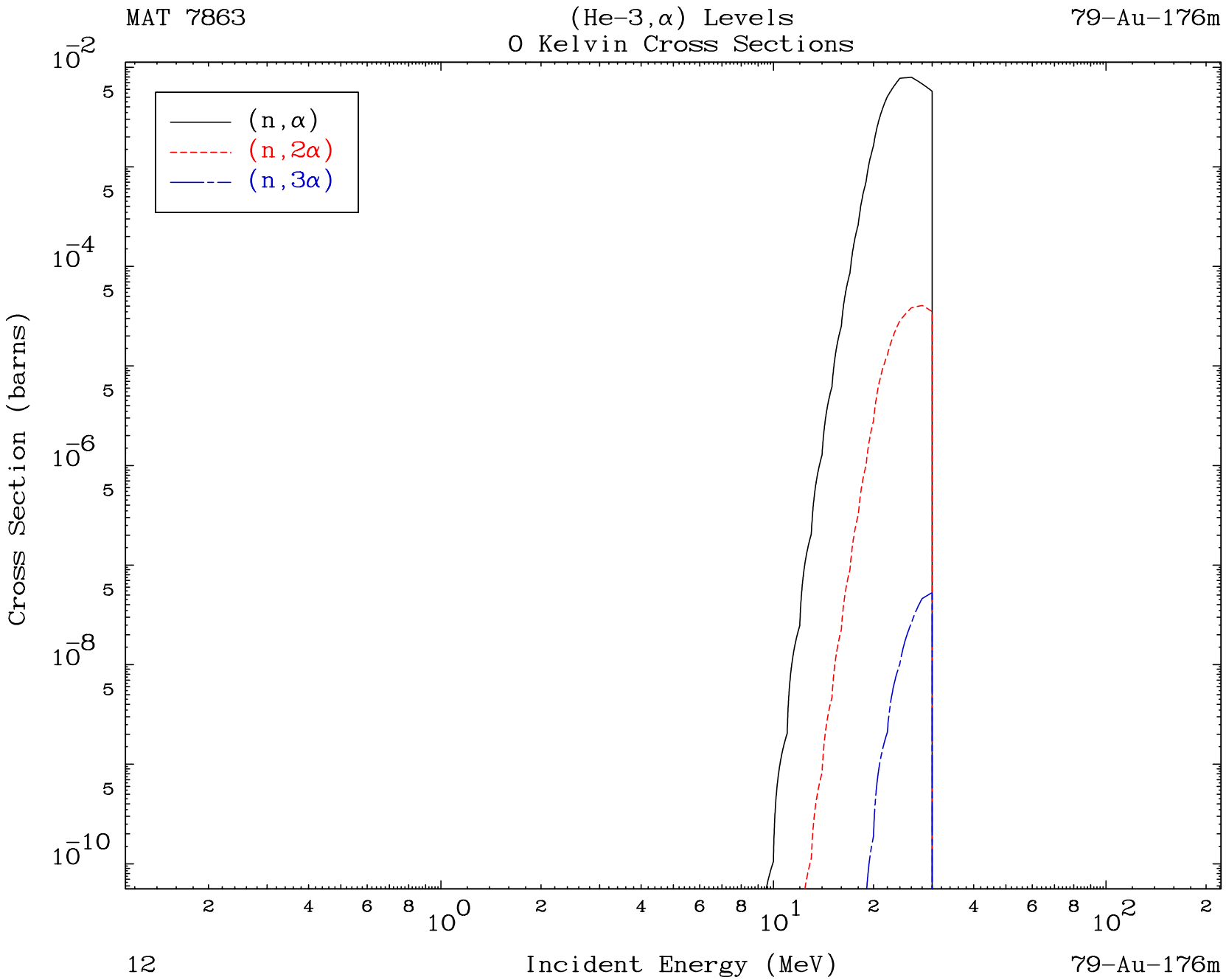

MAT 7863
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-176m
(n,n') α
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-176m

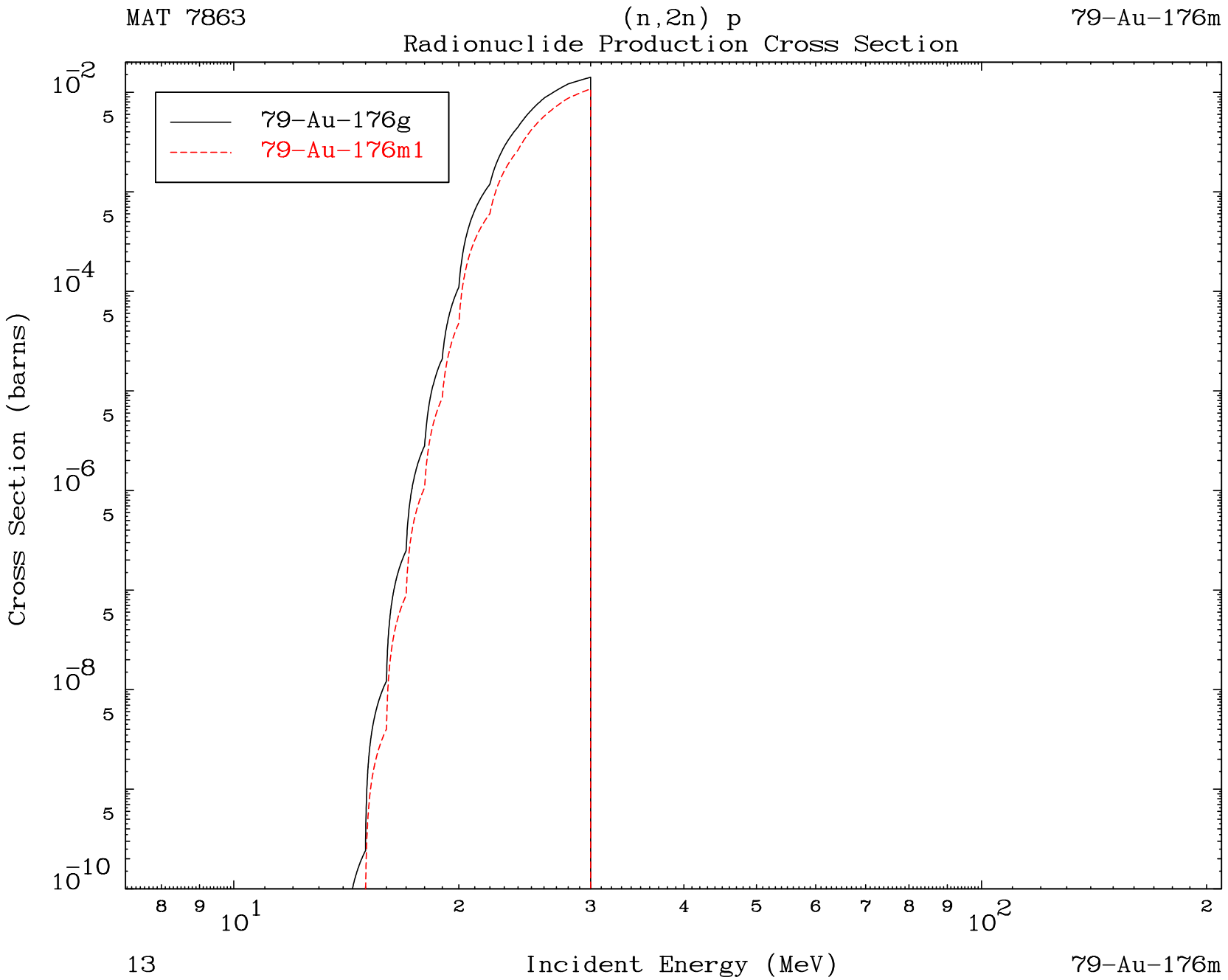

MAT 7863
(He-3,p) Levels
0 Kelvin Cross Sections
79-Au-176m
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-176m

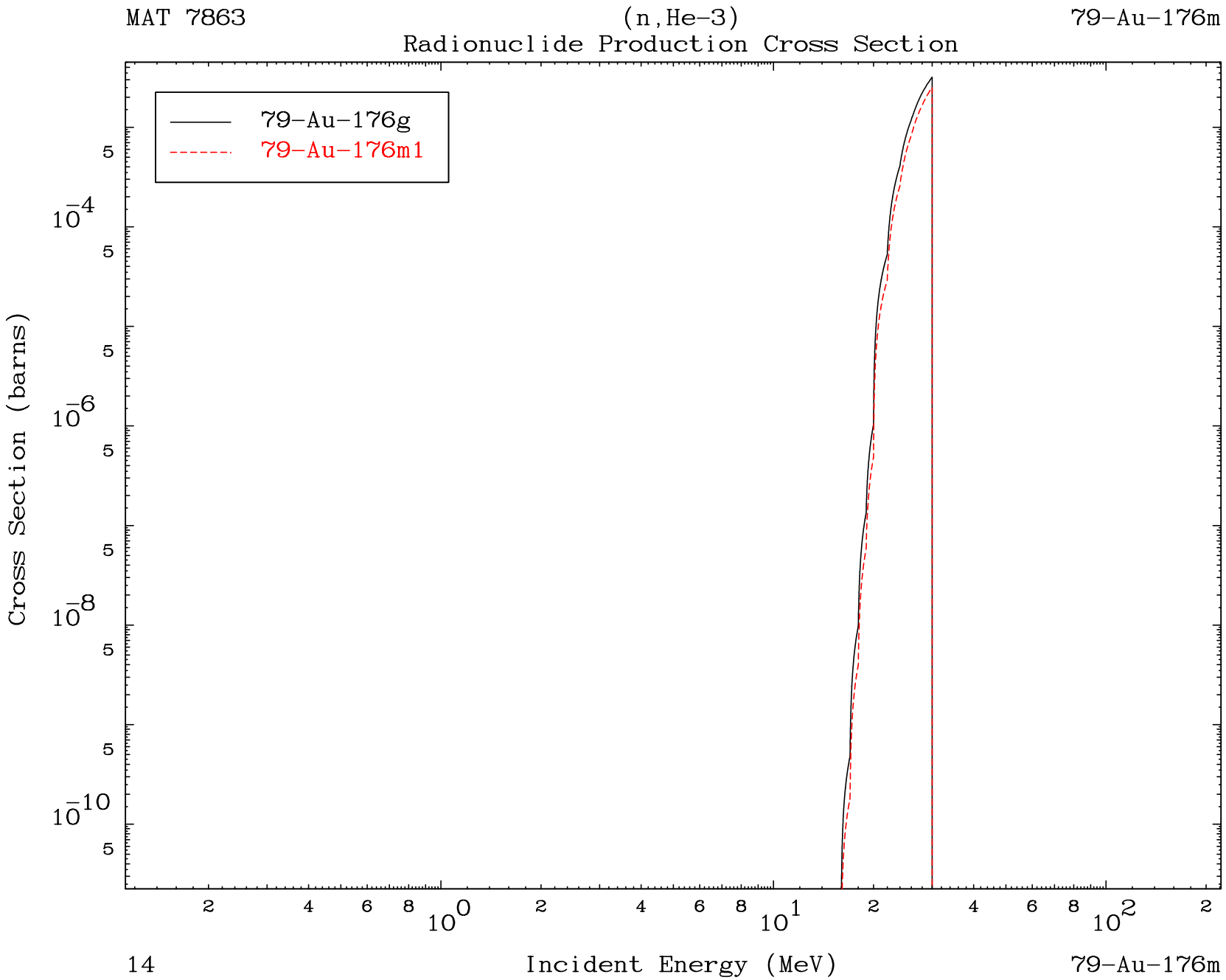

MAT 7863
(He-3,d) Levels
79-Au-176m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-176m

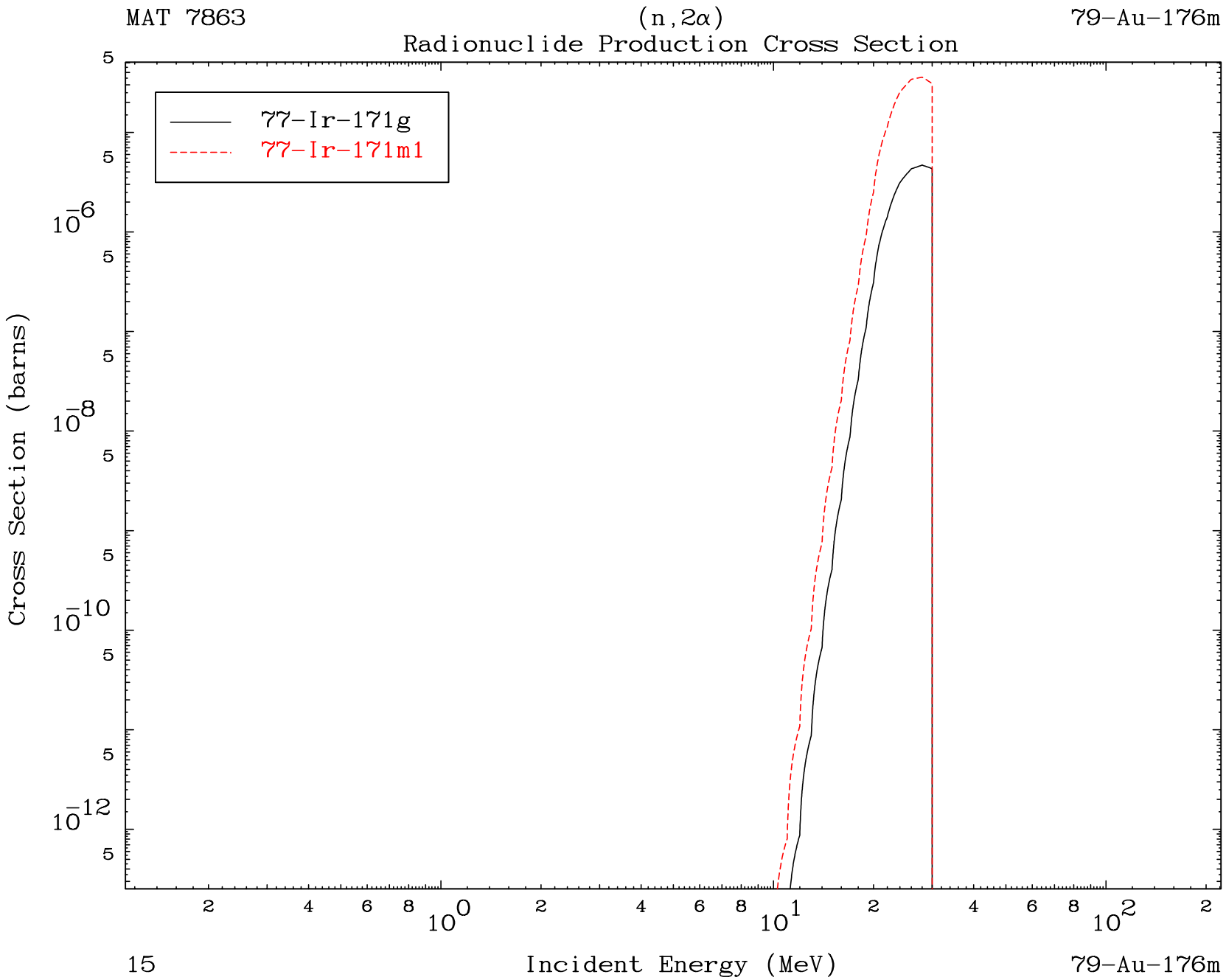

MAT 7863
(He-3,t) Levels
0 Kelvin Cross Sections
79-Au-176m
(n,t)
Cross Section (barns)
Incident Energy (MeV)
79-Au-176m

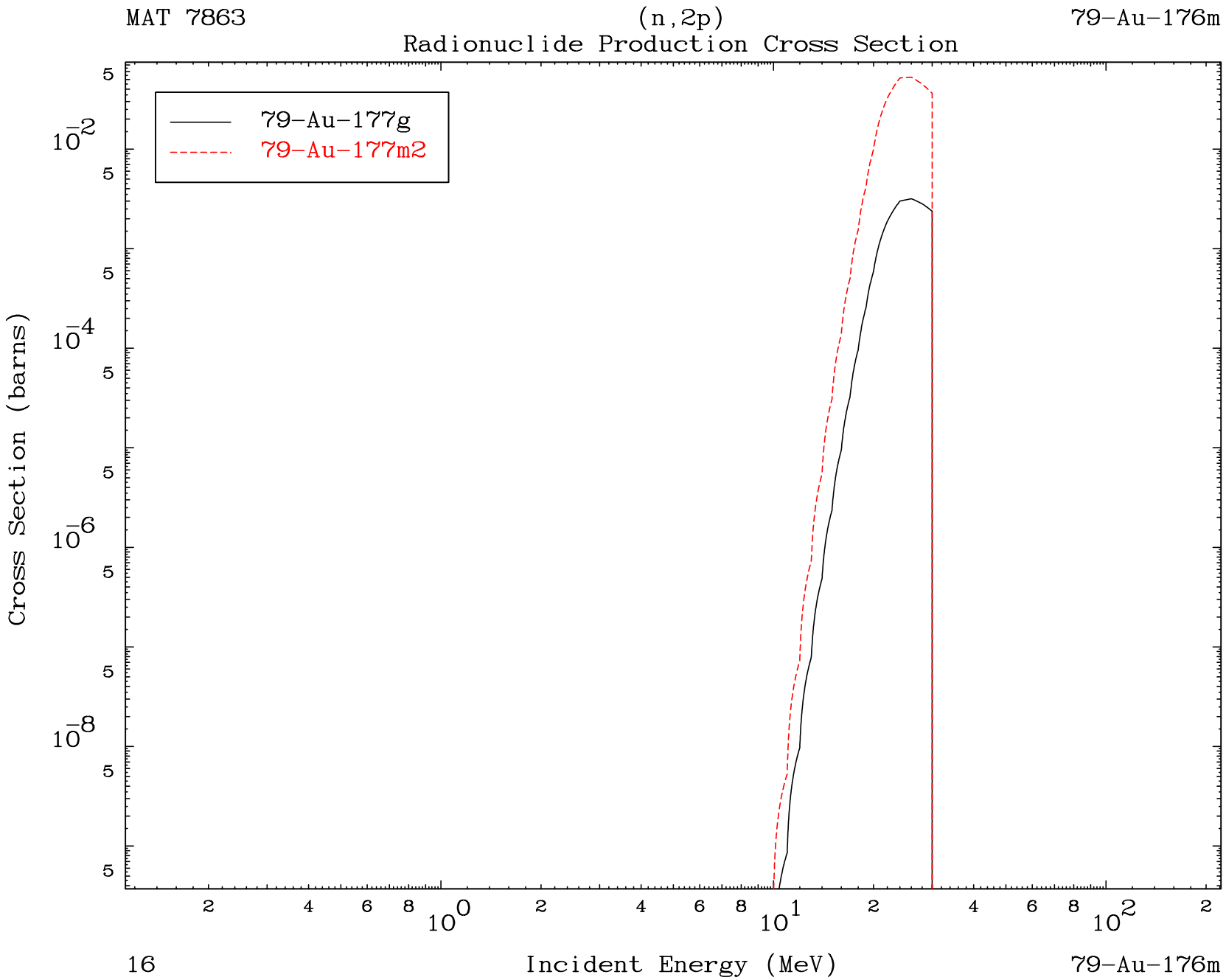

MAT 7863
(He-3,He3) Levels
79-Au-176m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
79-Au-176m

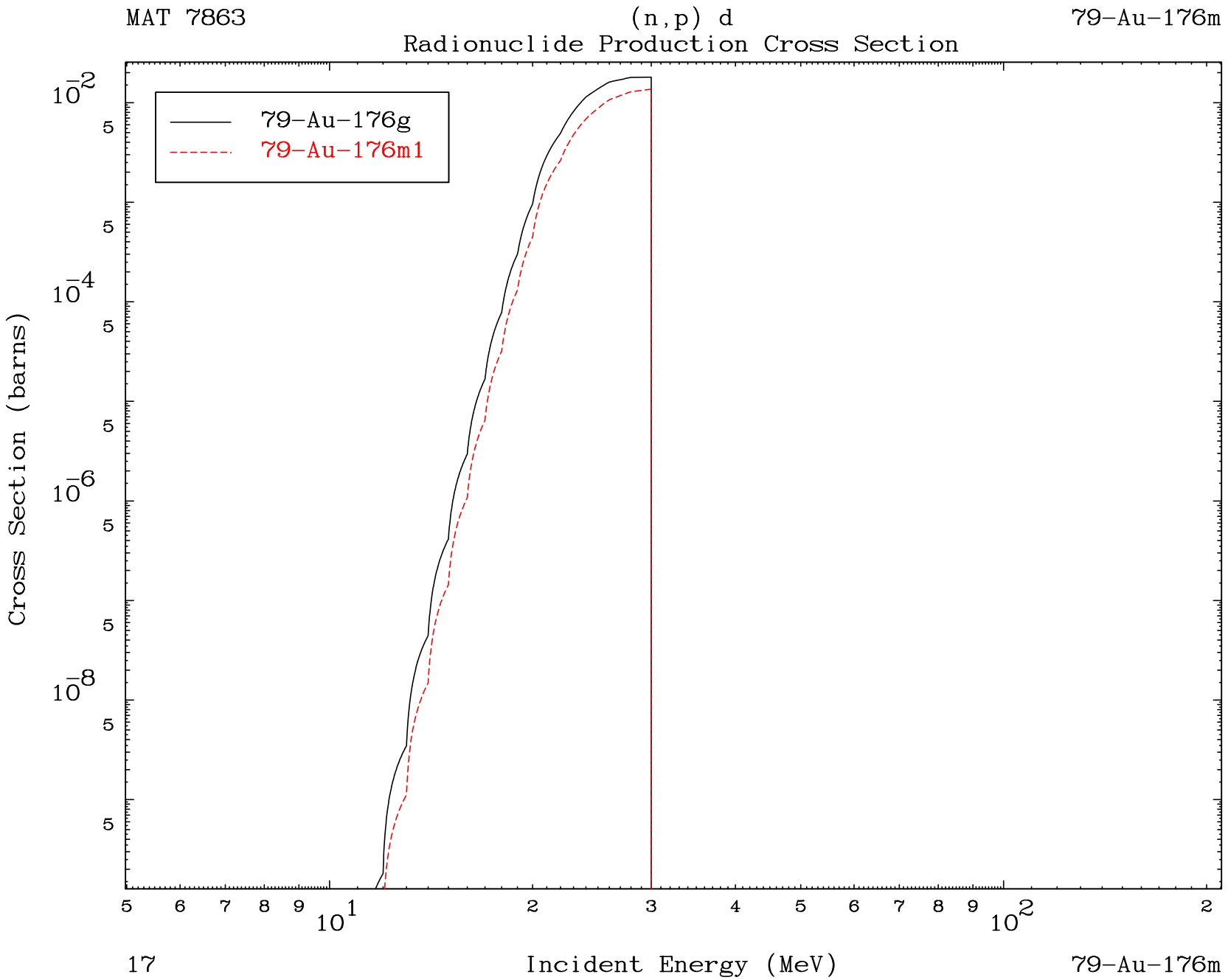

MAT 7863
(He-3,α) Levels
0 Kelvin Cross Sections
79-Au-176m
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-176m


MAT 7863
(n,2n) p
79-Au-176m
Radionuclide Production Cross Section
79-Au-176g
79-Au-176m1
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-176m


MAT 7863
(n,He-3)
79-Au-176m
Radionuclide Production Cross Section
79-Au-176g
79-Au-176m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
14
79-Au-176m


MAT 7863
(n,2α)
79-Au-176m
Radionuclide Production Cross Section
77-Ir-171g
77-Ir-171m1
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-176m


MAT 7863
(n,2p)
79-Au-176m
Radionuclide Production Cross Section
79-Au-177g
79-Au-177m2
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-176m


MAT 7863
(n,p) d
79-Au-176m
Radionuclide Production Cross Section
79-Au-176g
79-Au-176m1
Cross Section (barns)
Incident Energy (MeV)
17
79-Au-176m