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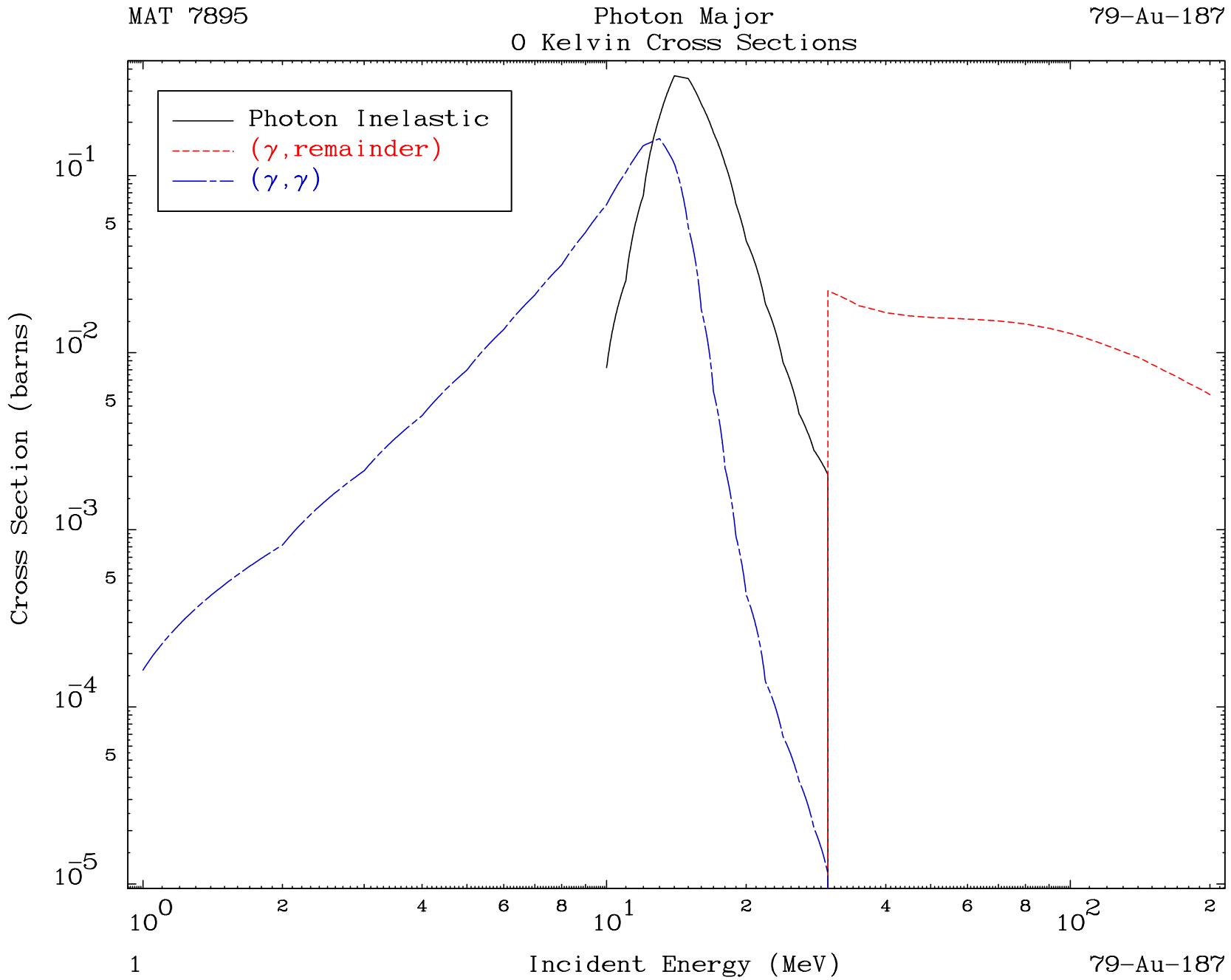
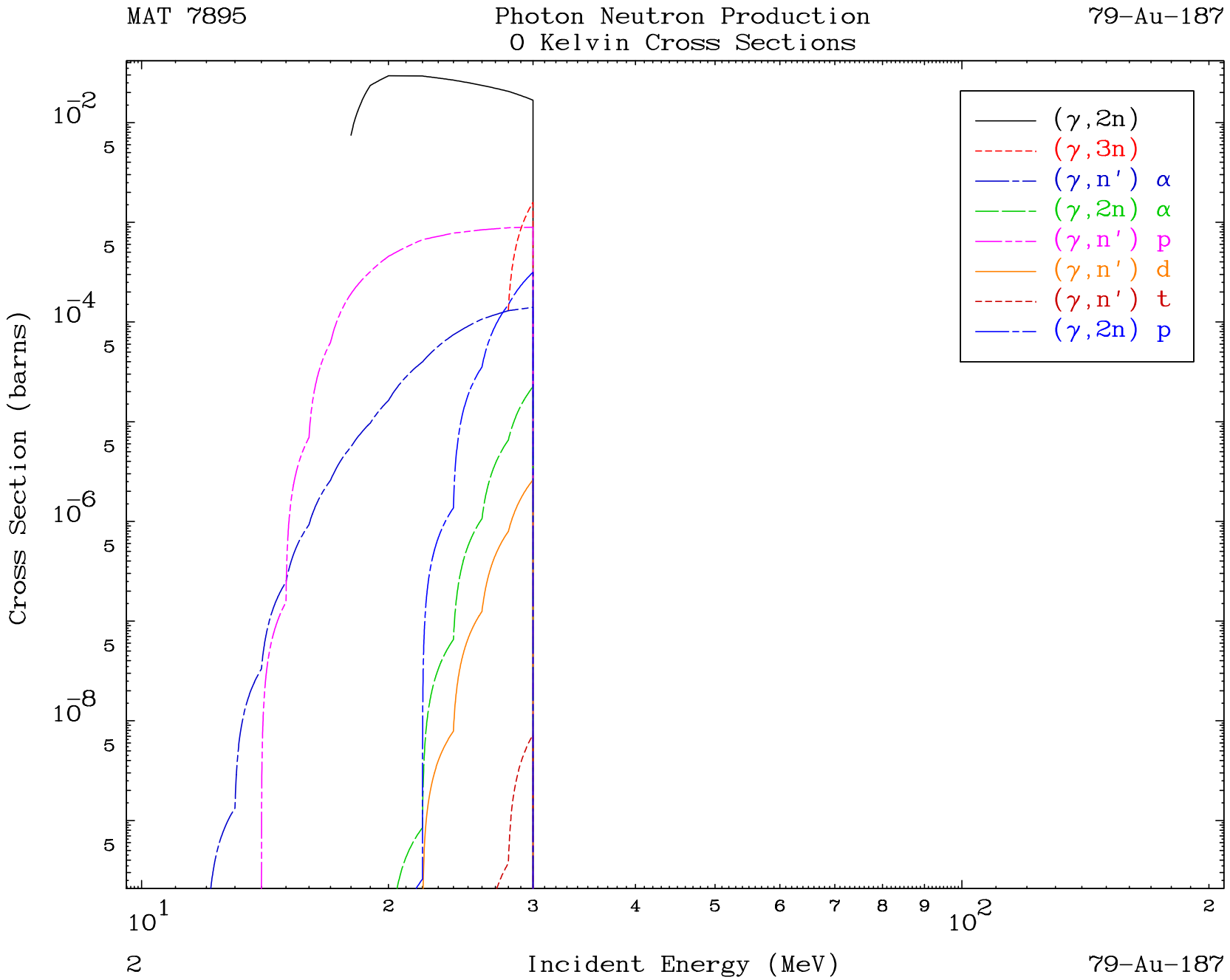
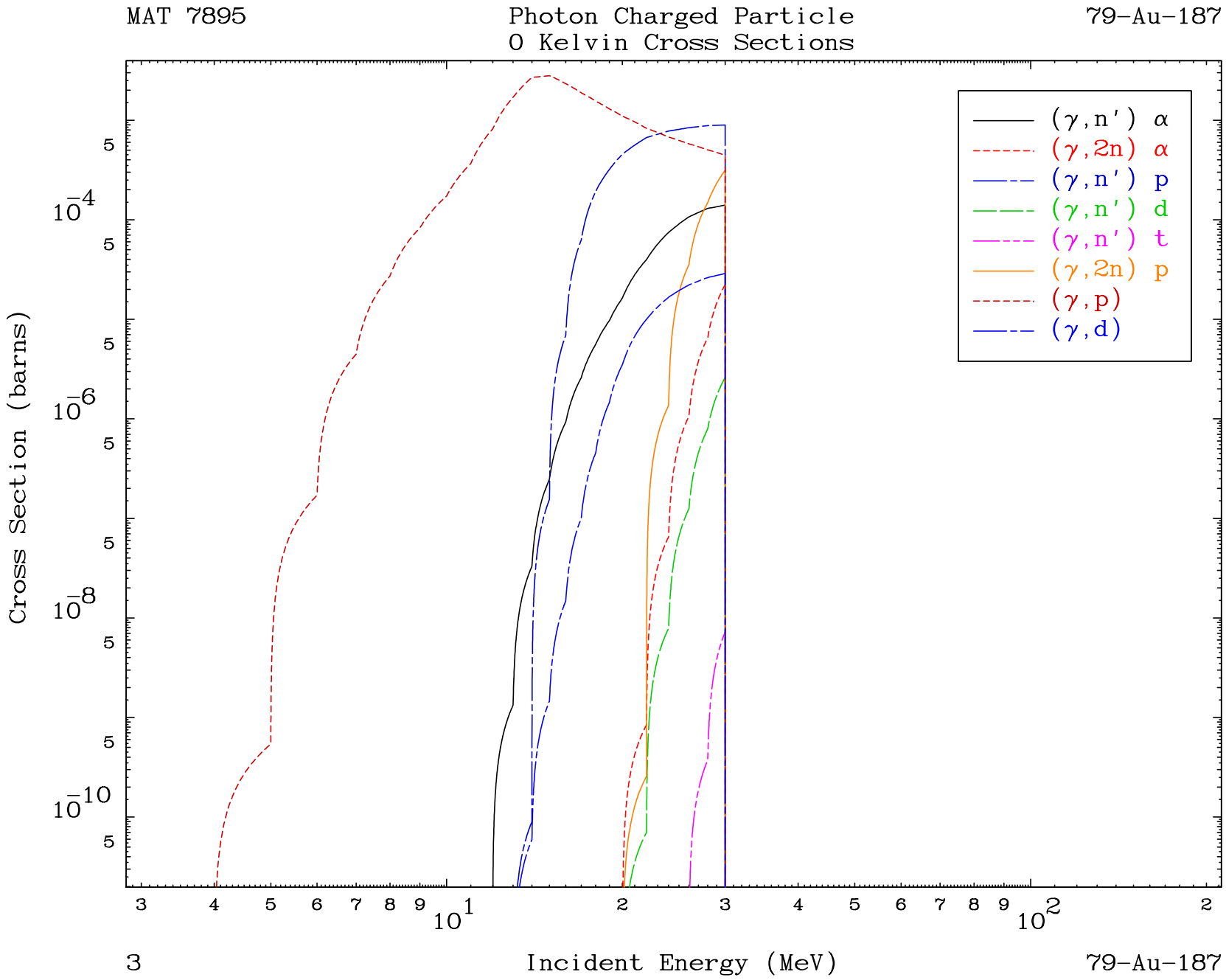
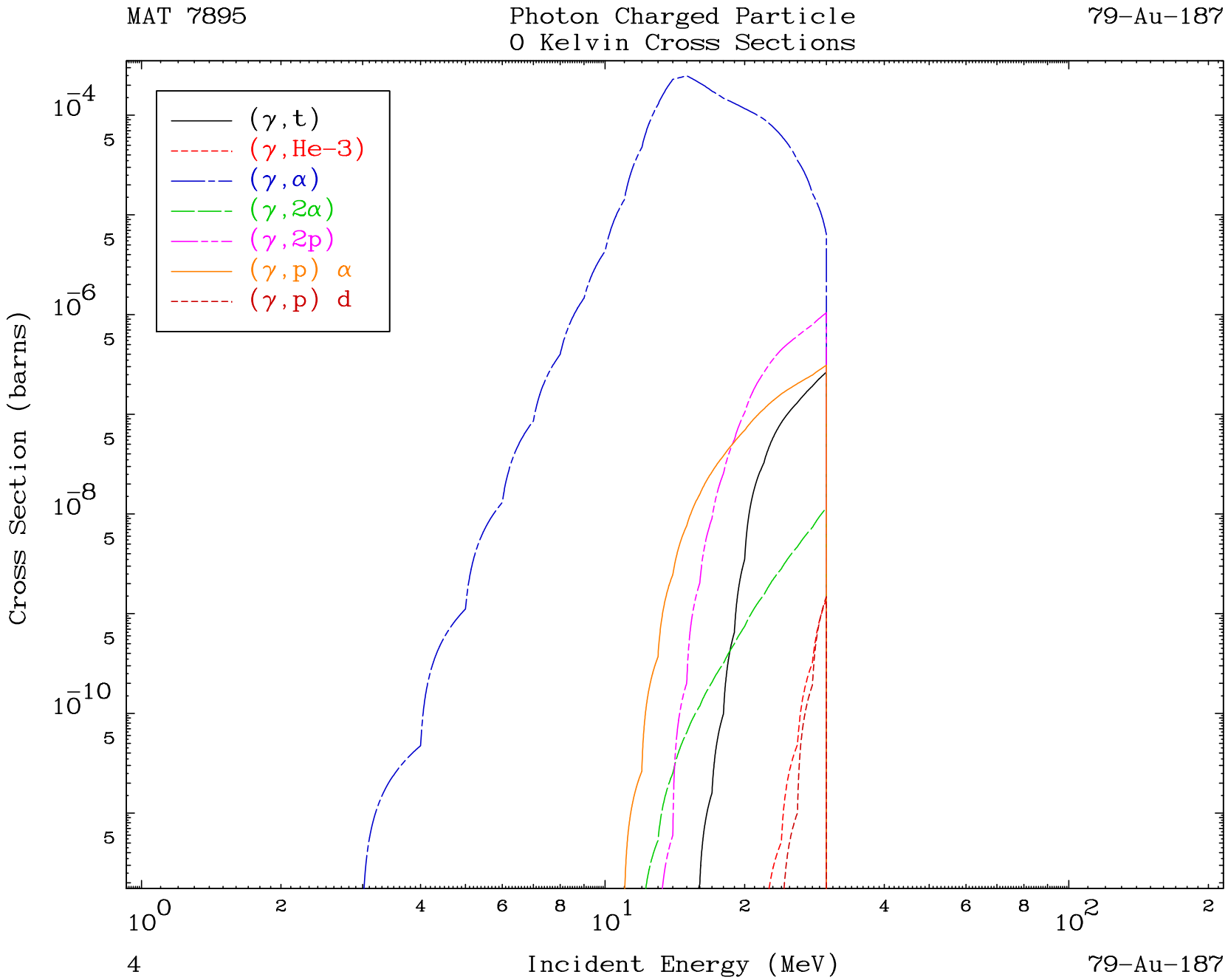
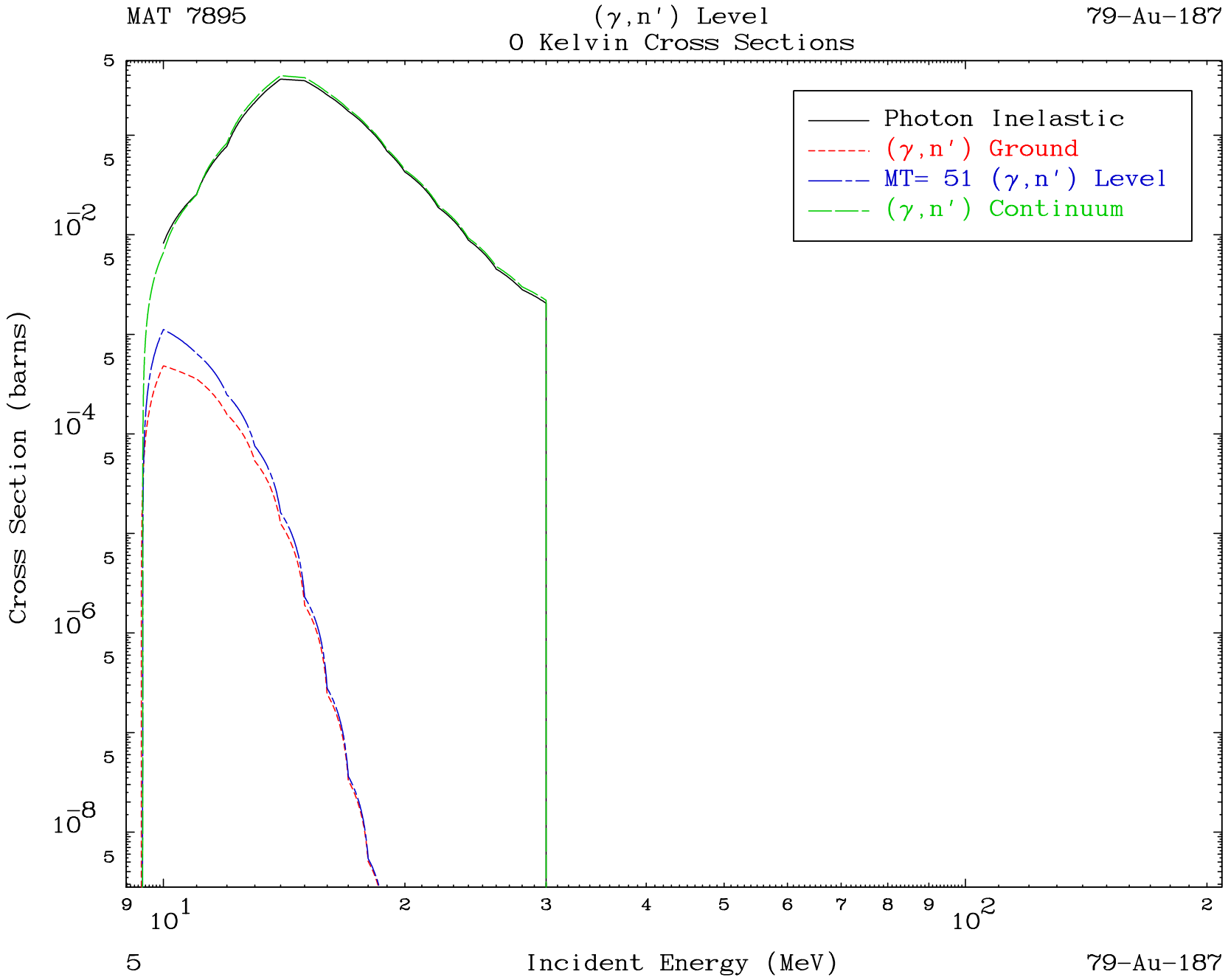
Press Mouse Button to Start

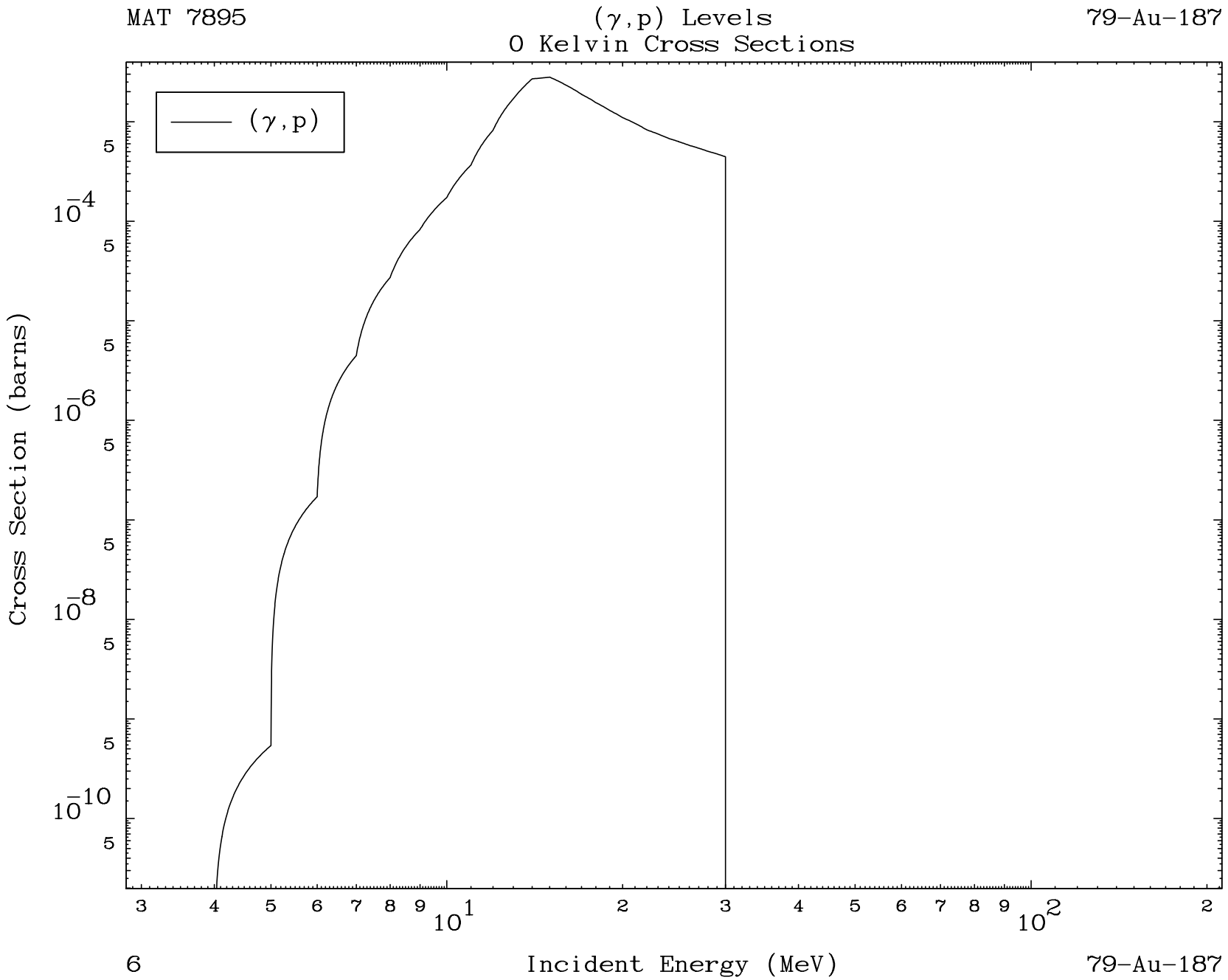

MAT 7895
Photon Major
79-Au-187
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-187

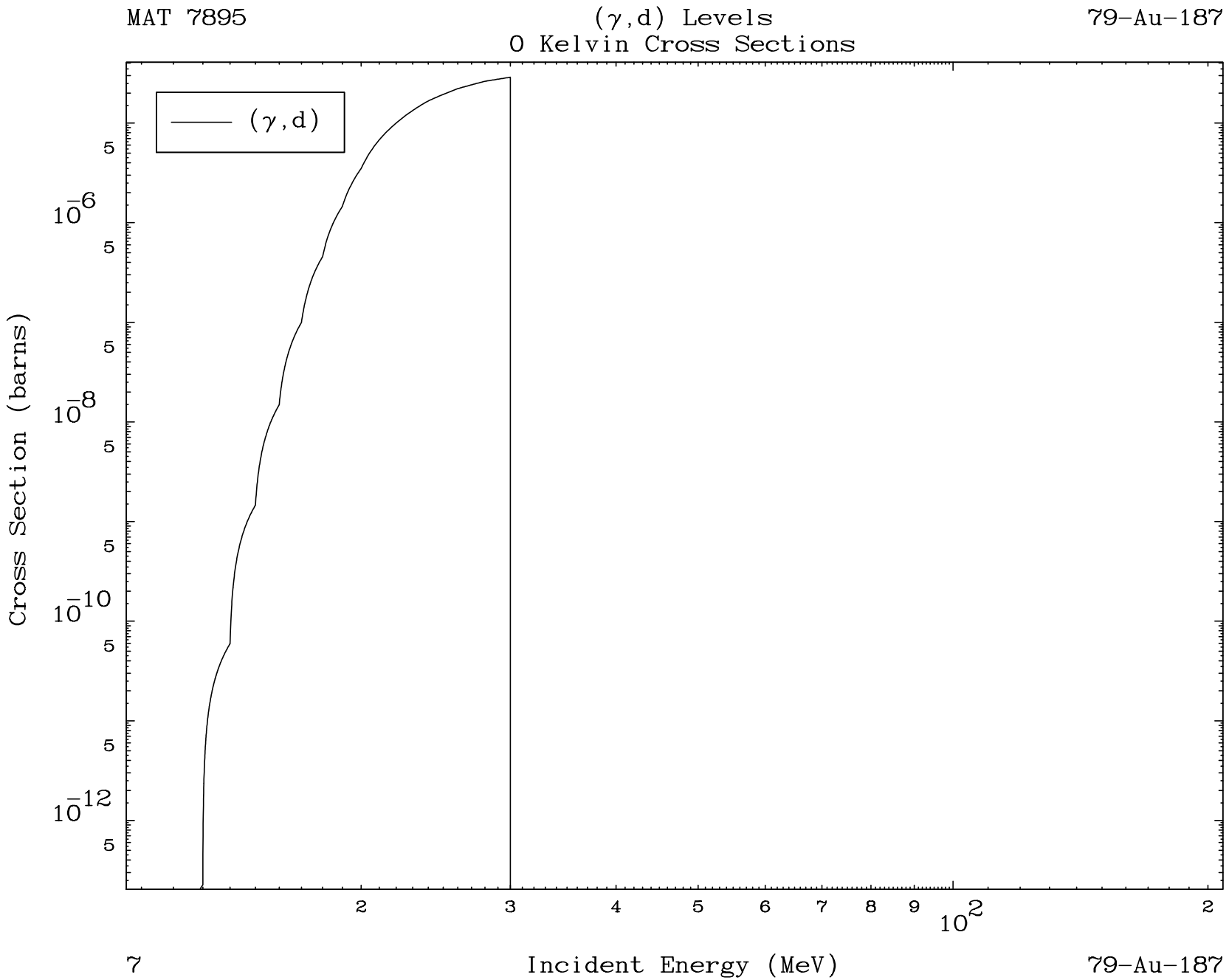

MAT 7895
Photon Neutron Production
0 Kelvin Cross Sections
79-Au-187
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
79-Au-187

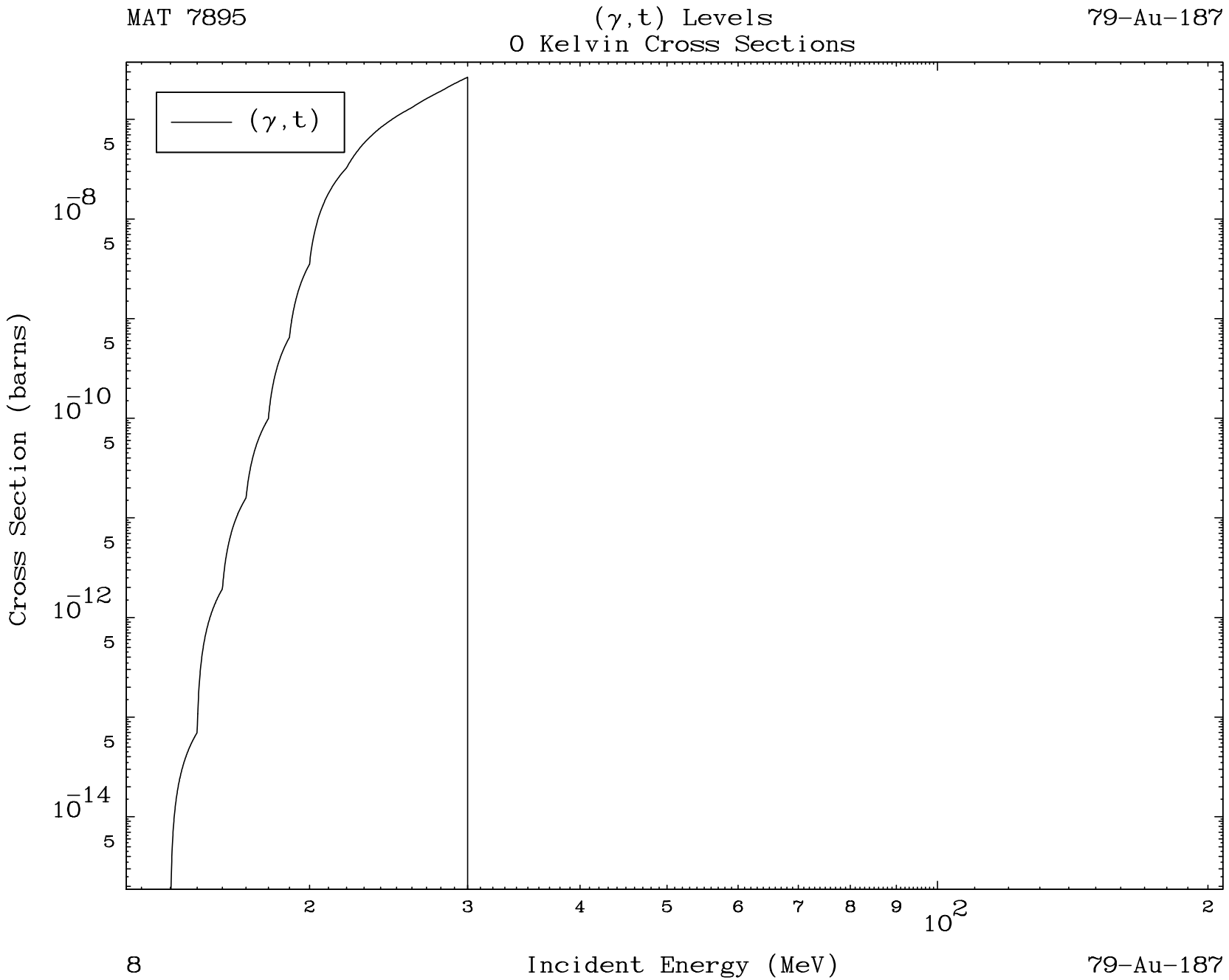

MAT 7895
Photon Charged Particle
0 Kelvin Cross Sections
79-Au-187
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
79-Au-187

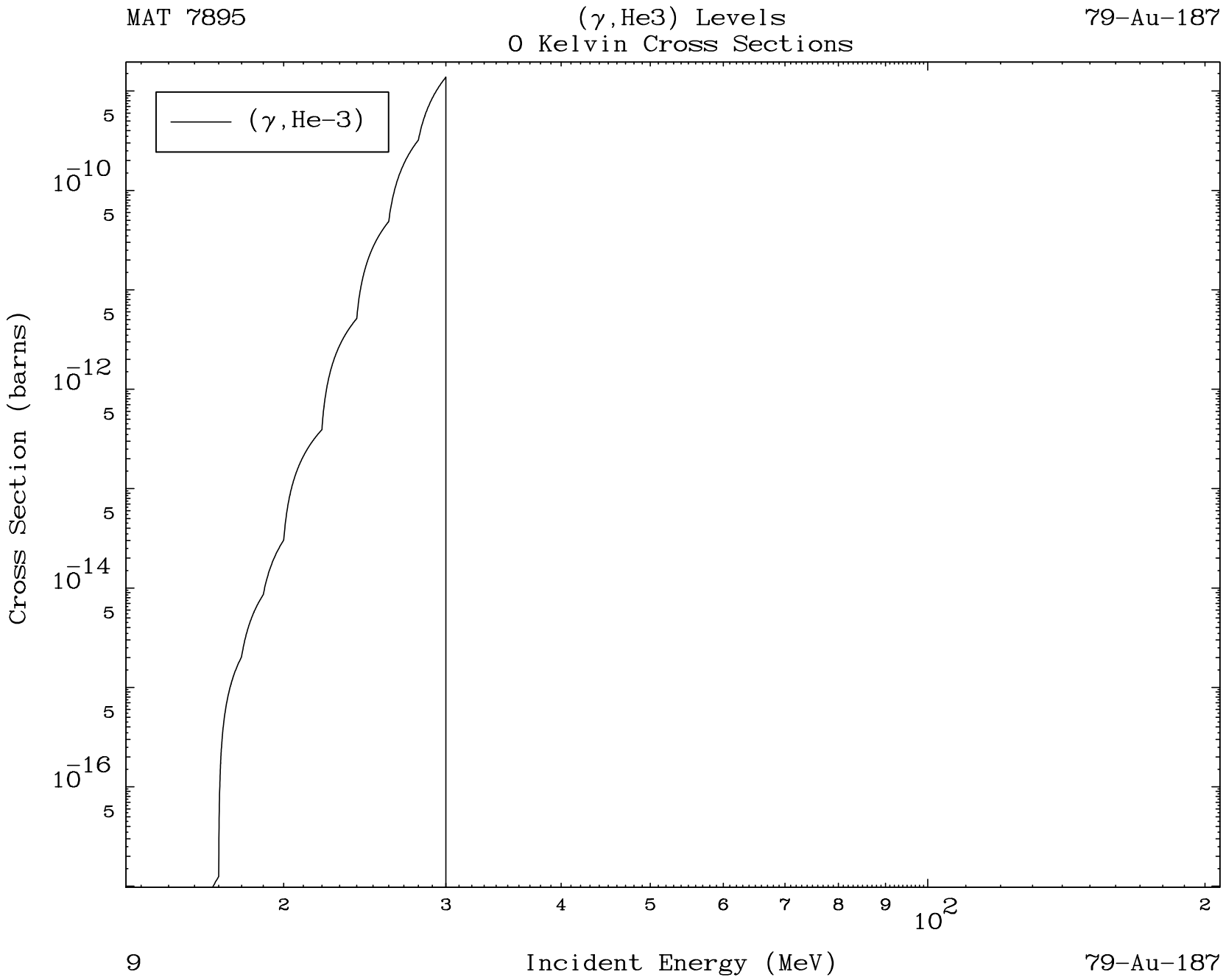

MAT 7895
Photon Charged Particle
0 Kelvin Cross Sections
79-Au-187
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
79-Au-187

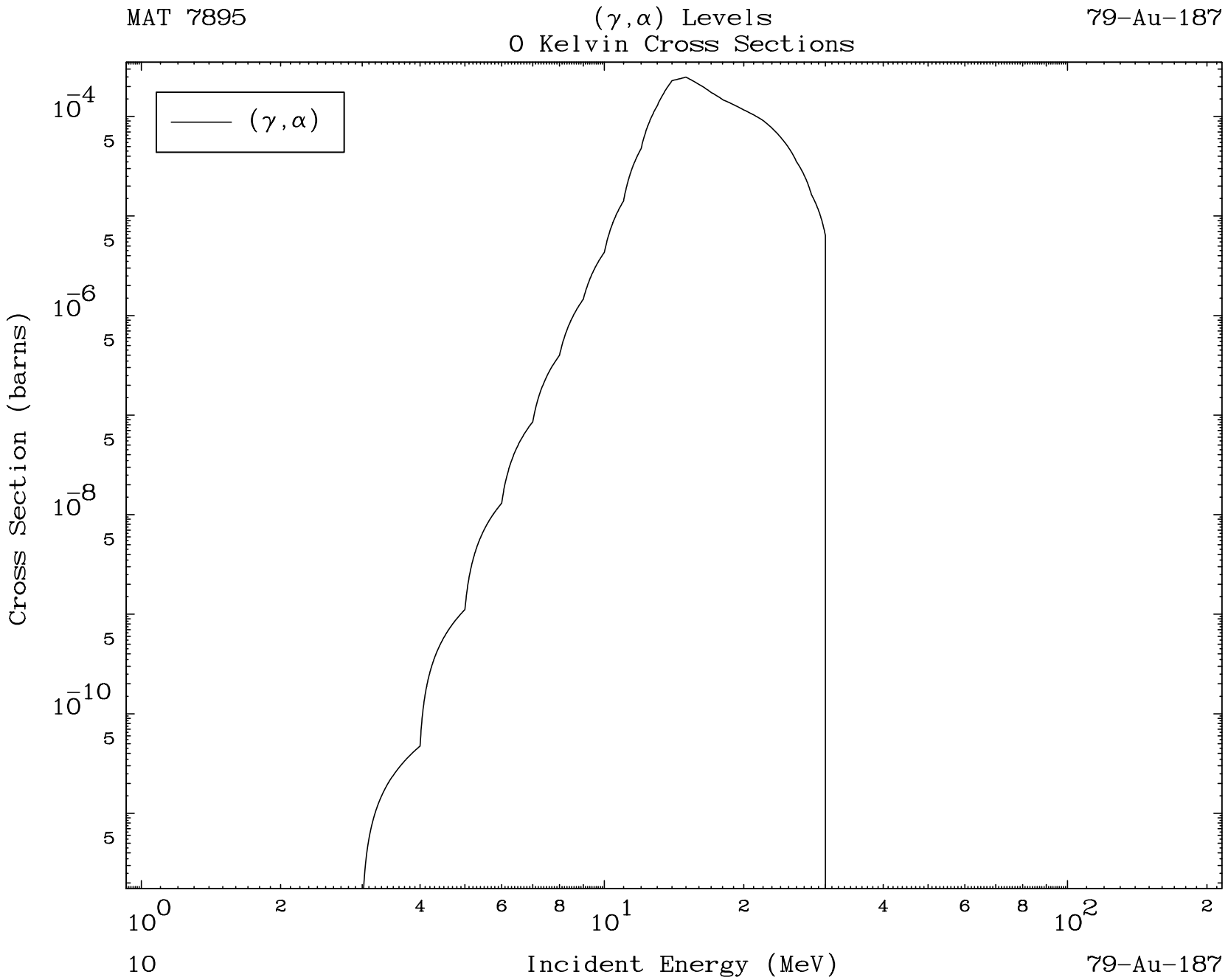

MAT 7895
(γ,n') Level
79-Au-187
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
79-Au-187

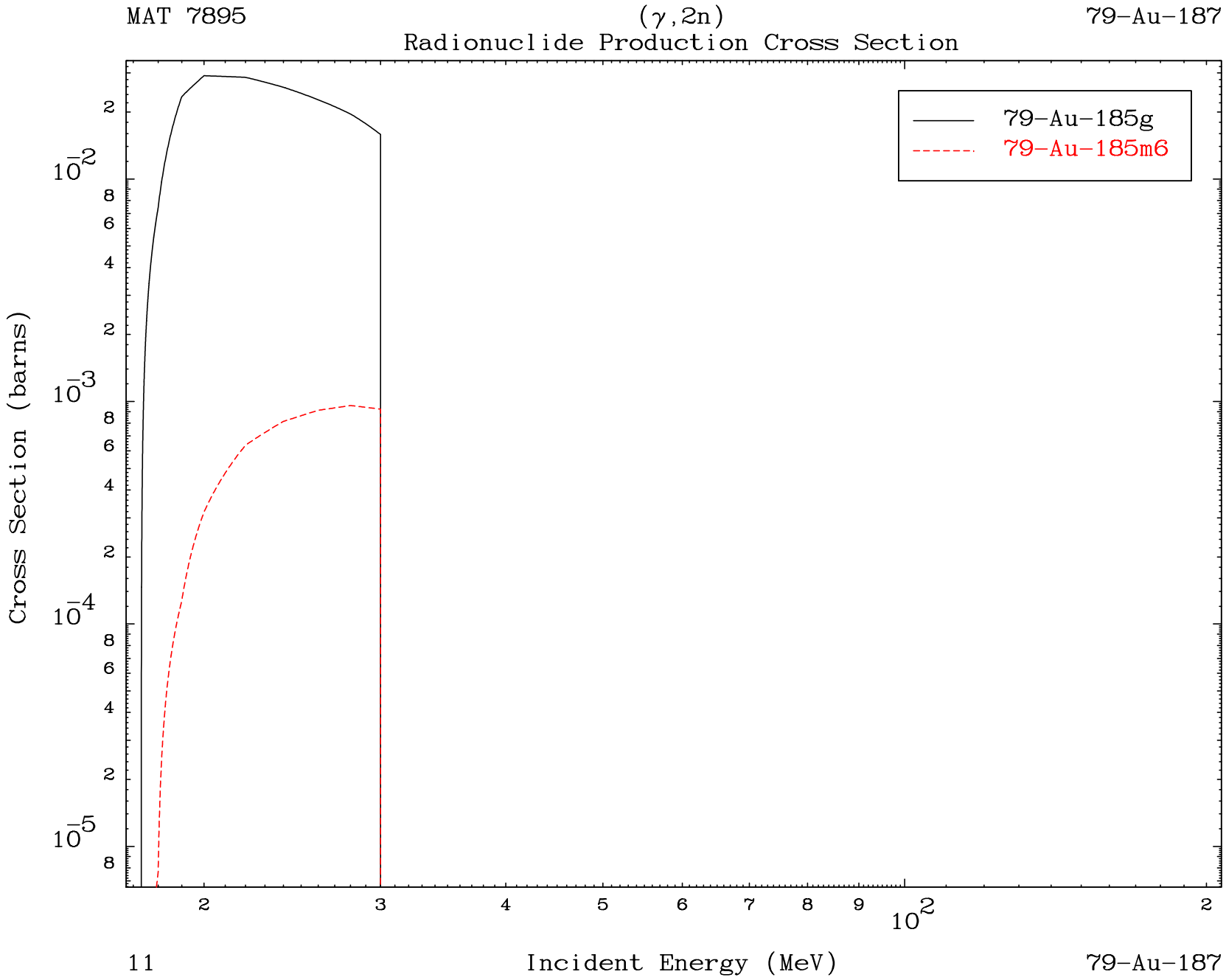

MAT 7895
(γ,p) Levels
79-Au-187
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
79-Au-187

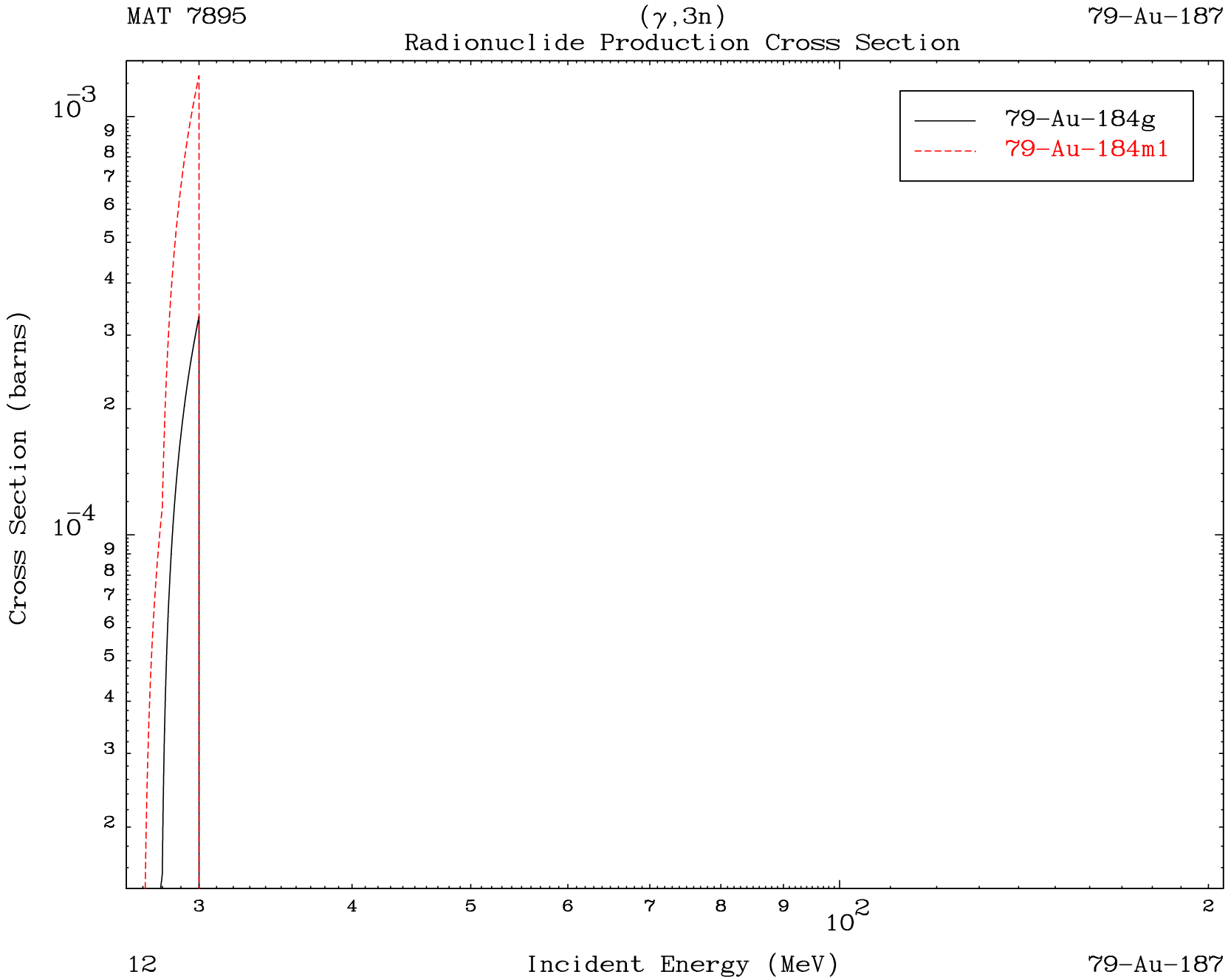

MAT 7895
(γ,d) Levels
79-Au-187
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
79-Au-187

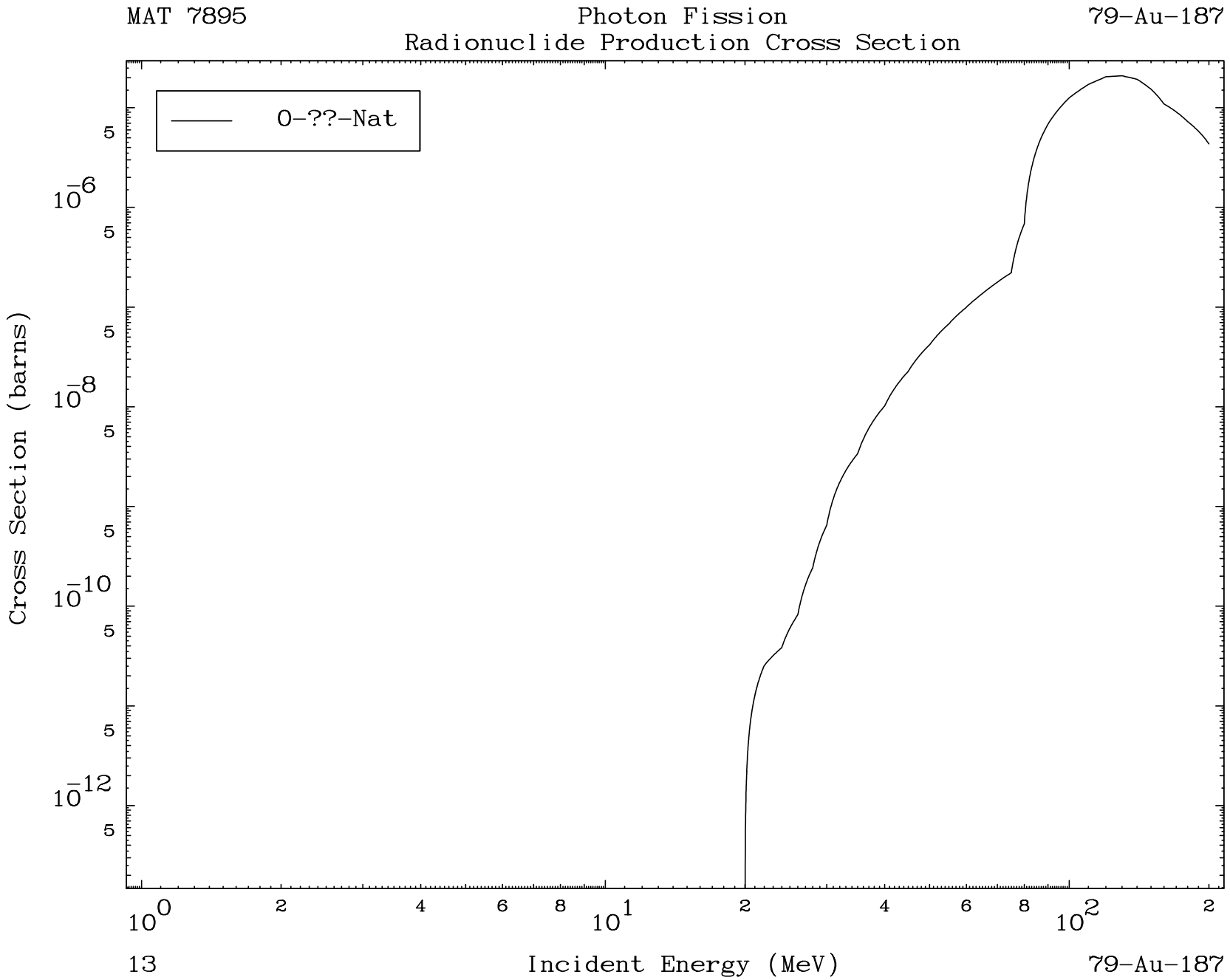

MAT 7895
(γ,t) Levels
79-Au-187
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
79-Au-187

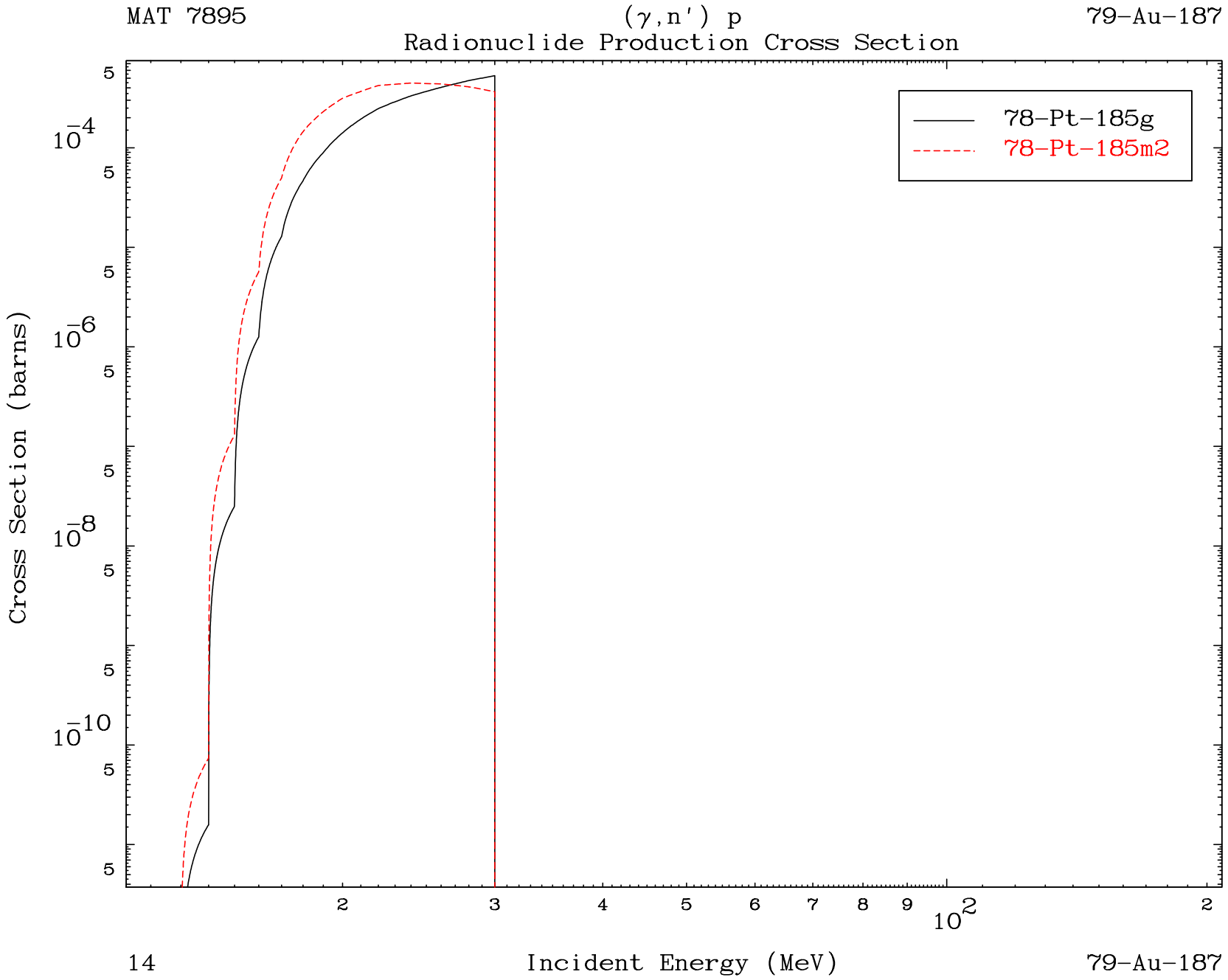

MAT 7895
(γ,He3) Levels
79-Au-187
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
79-Au-187

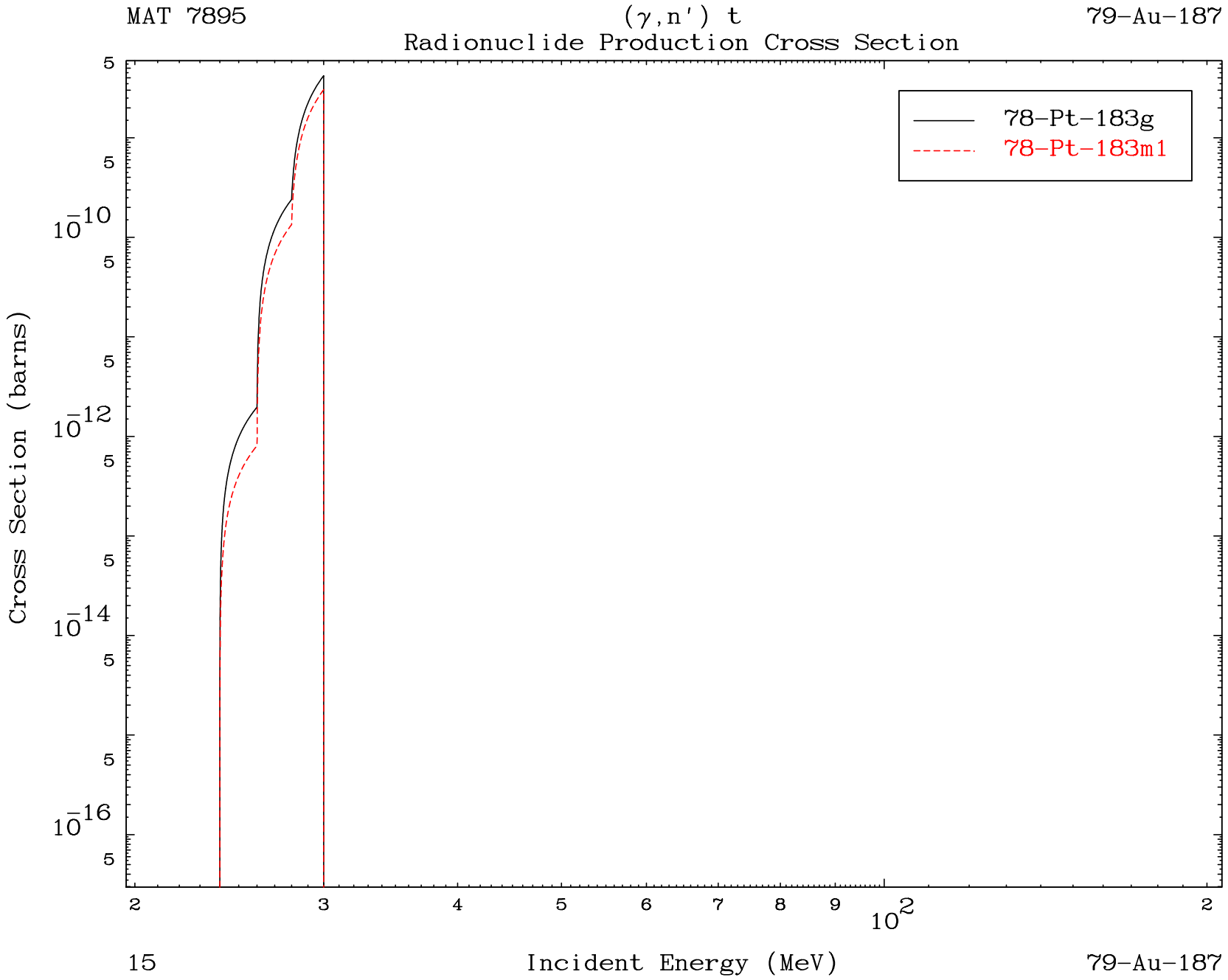

MAT 7895
(γ,α) Levels
79-Au-187
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
79-Au-187

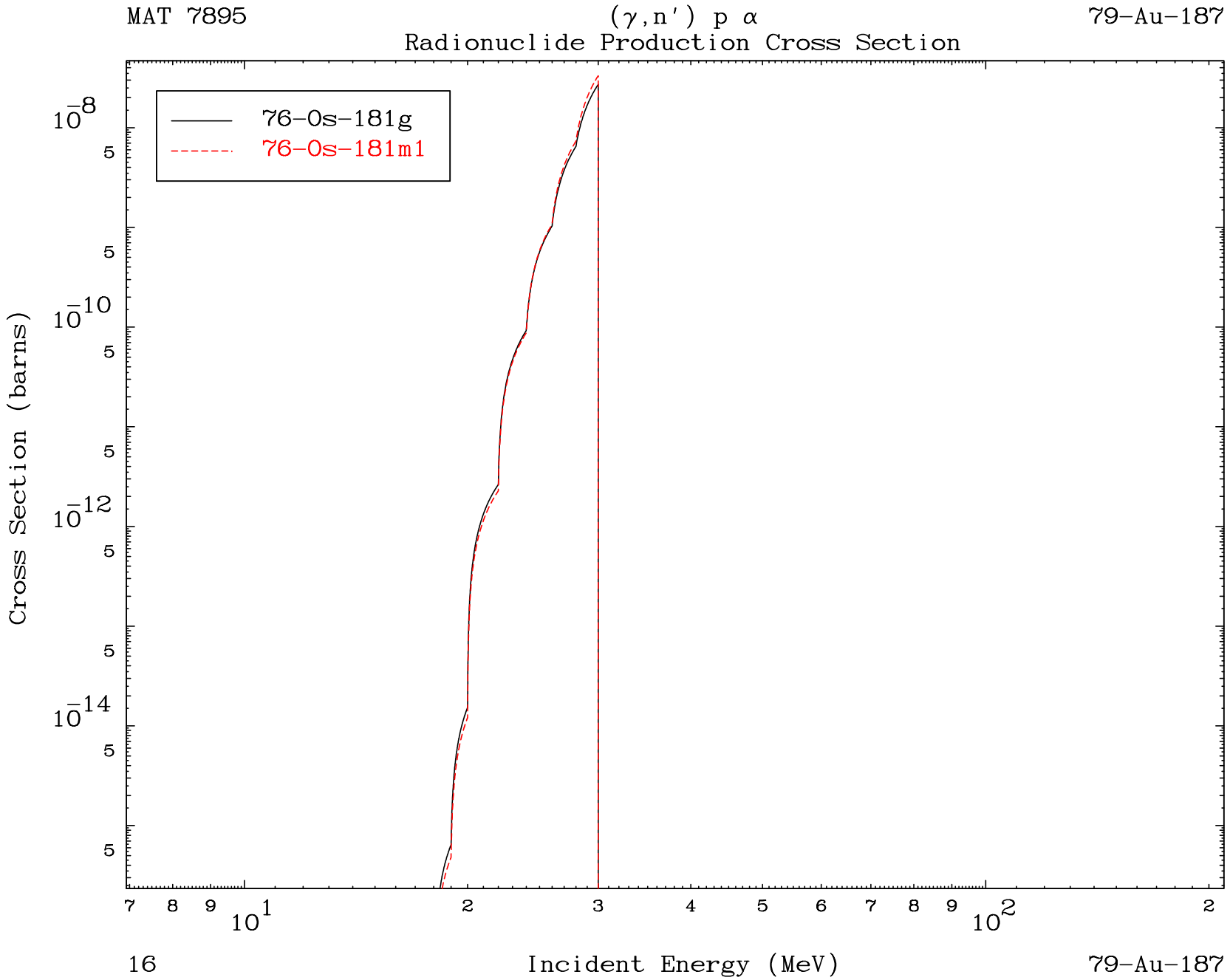

MAT 7895
(γ,2n)
79-Au-187
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
10^-2
10^-3
10^-4
10^-5
2
3
4
5
6
7
8
9
10^2
Incident Energy (MeV)
11
79-Au-187

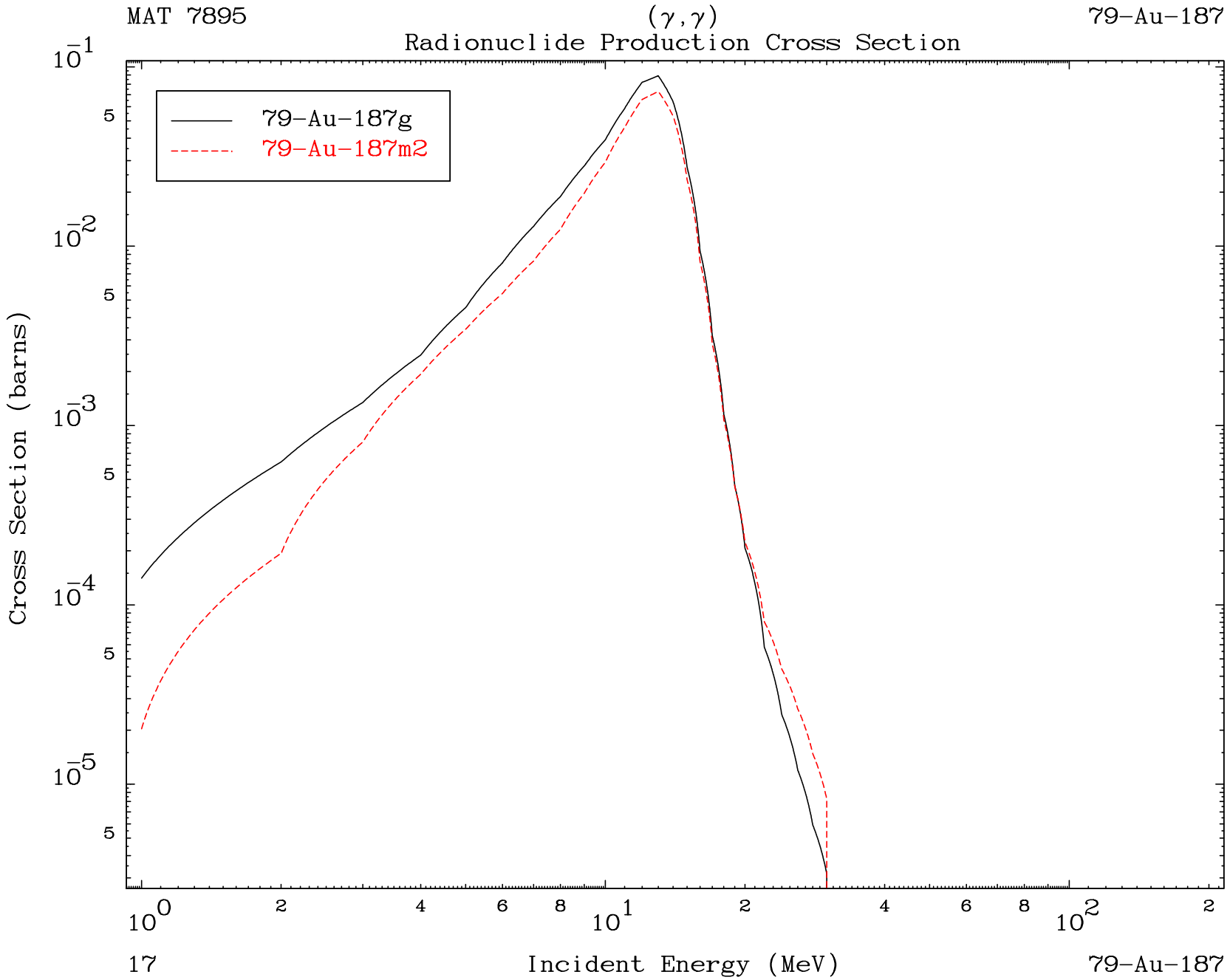

MAT 7895
(γ,3n)
79-Au-187
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
10-3
10-4
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
79-Au-187

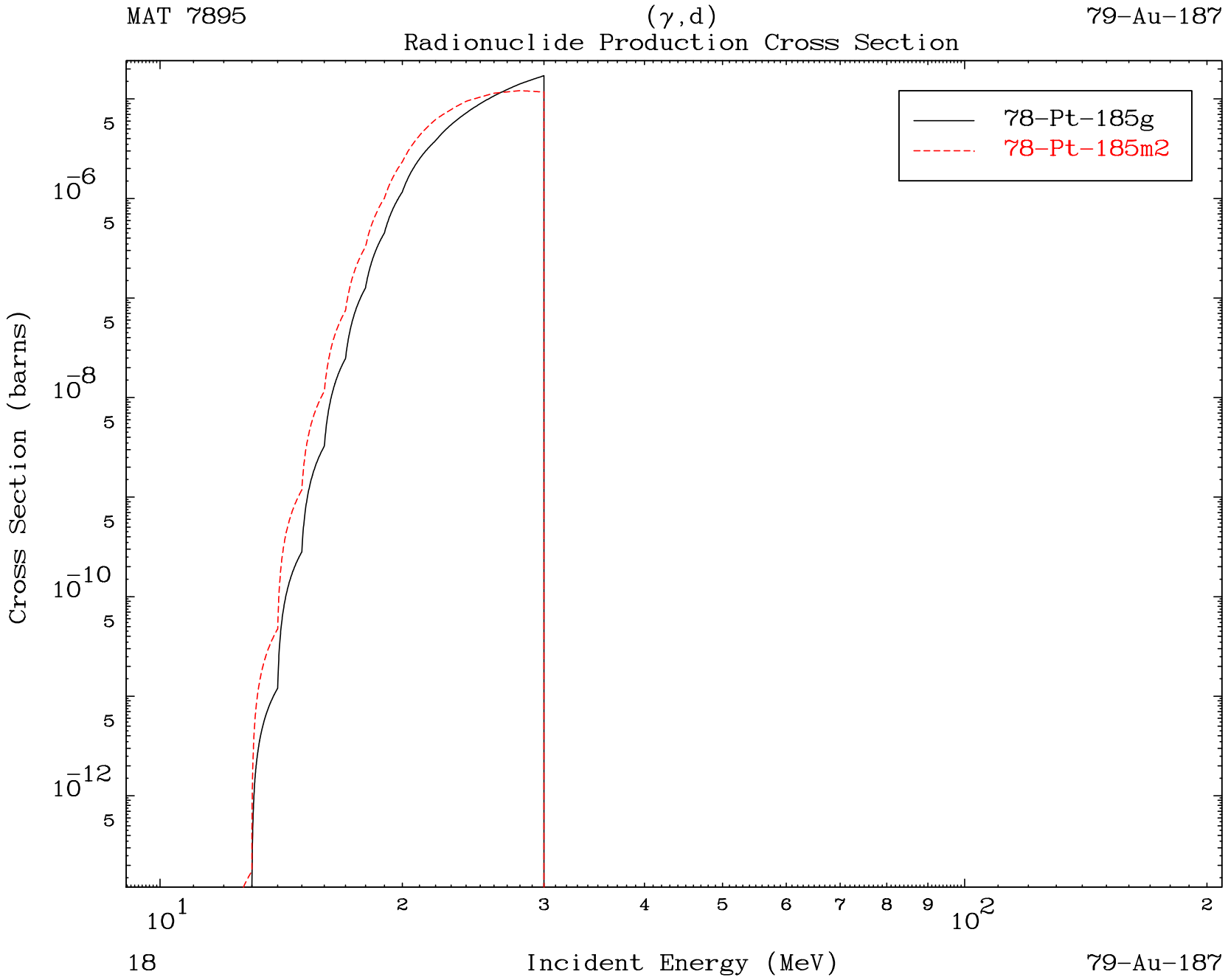

MAT 7895
Photon Fission
79-Au-187
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-187


MAT 7895
(γ,n') p
79-Au-187
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
79-Au-187


MAT 7895
(γ,n') t
79-Au-187
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
79-Au-187


MAT 7895
(γ,n') p α
79-Au-187
Radionuclide Production Cross Section
76-Os-181g
76-Os-181m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
16
Incident Energy (MeV)
79-Au-187


MAT 7895
(γ,γ)
79-Au-187
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
17
79-Au-187


MAT 7895
(γ,d)
79-Au-187
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
79-Au-187