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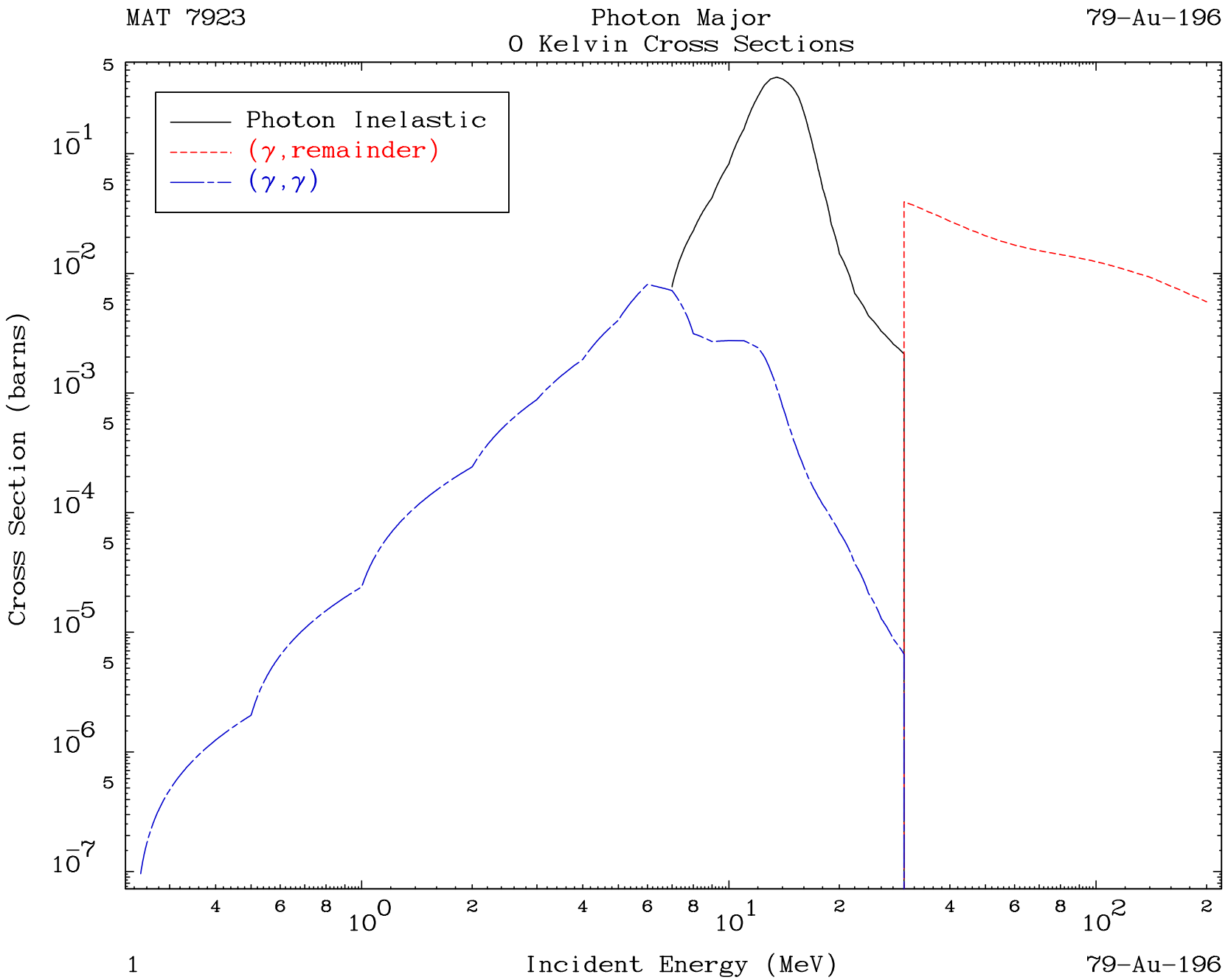
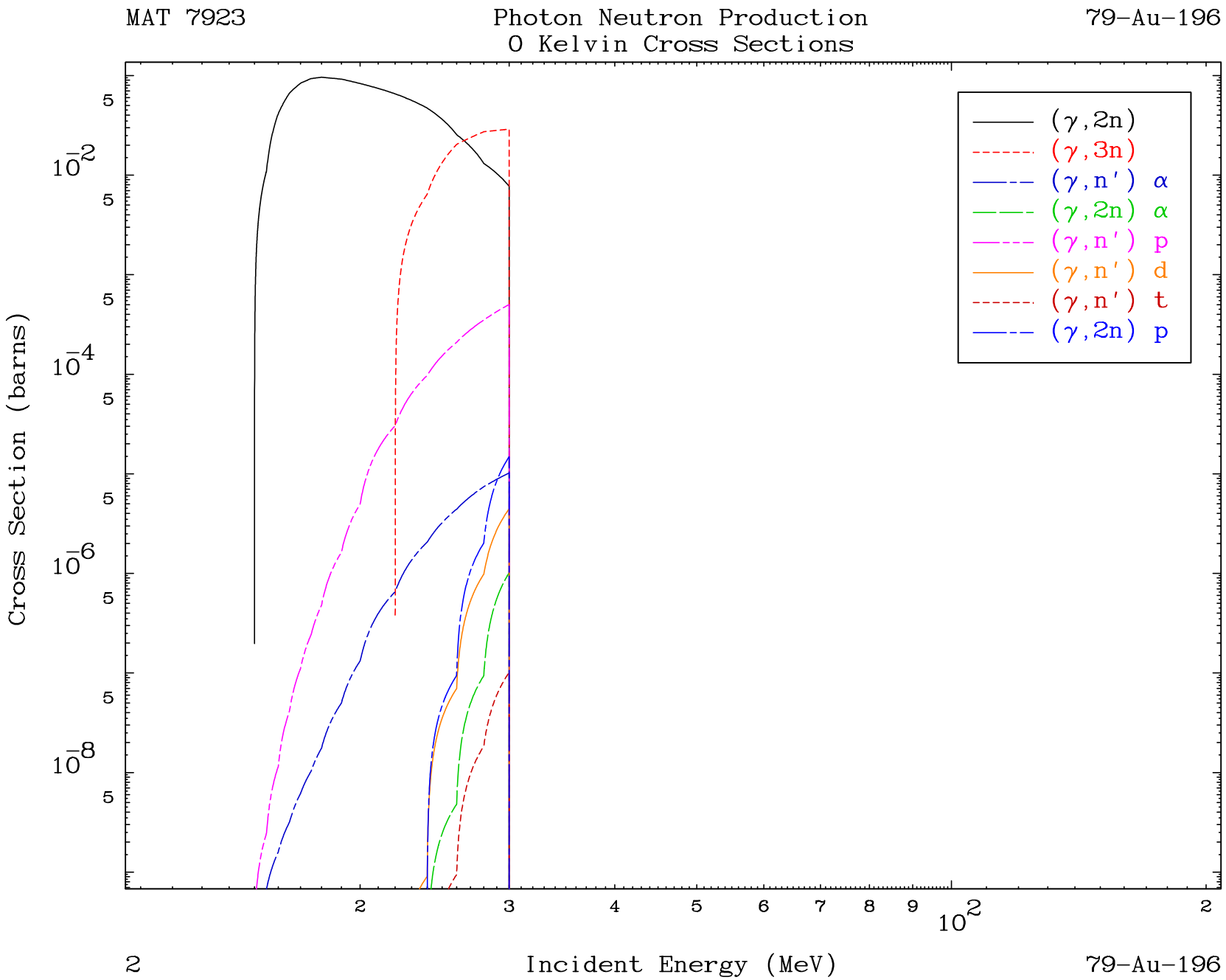
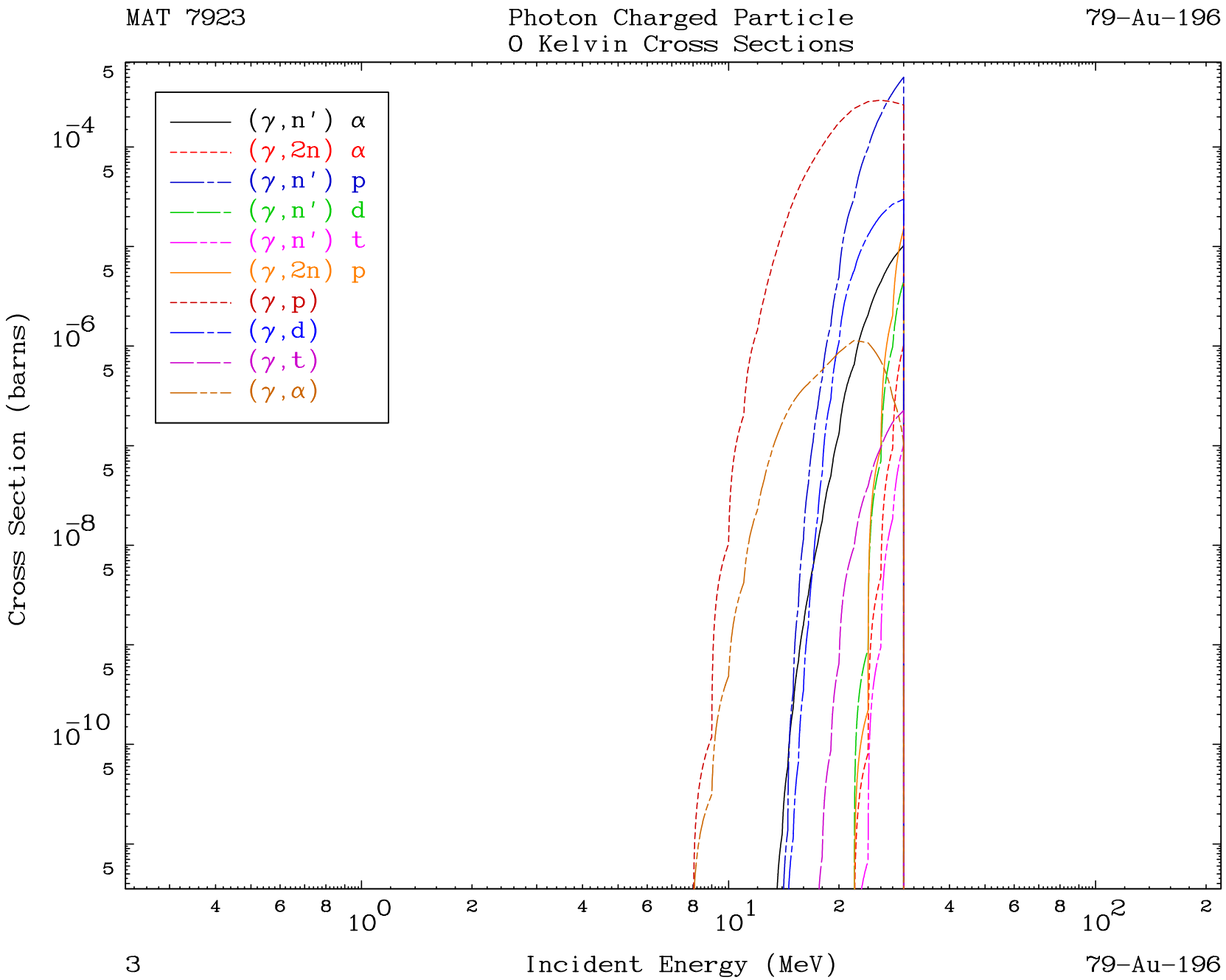
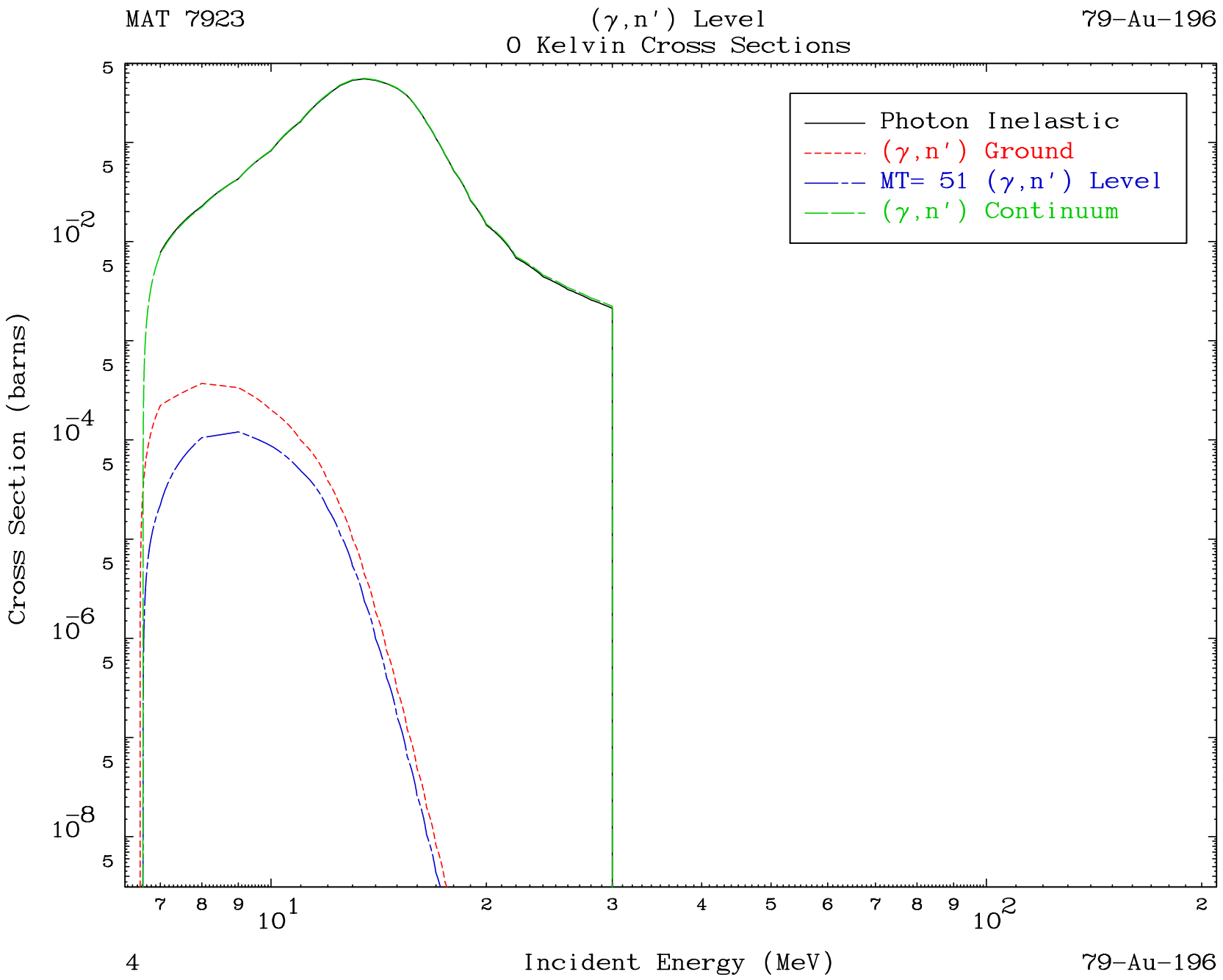
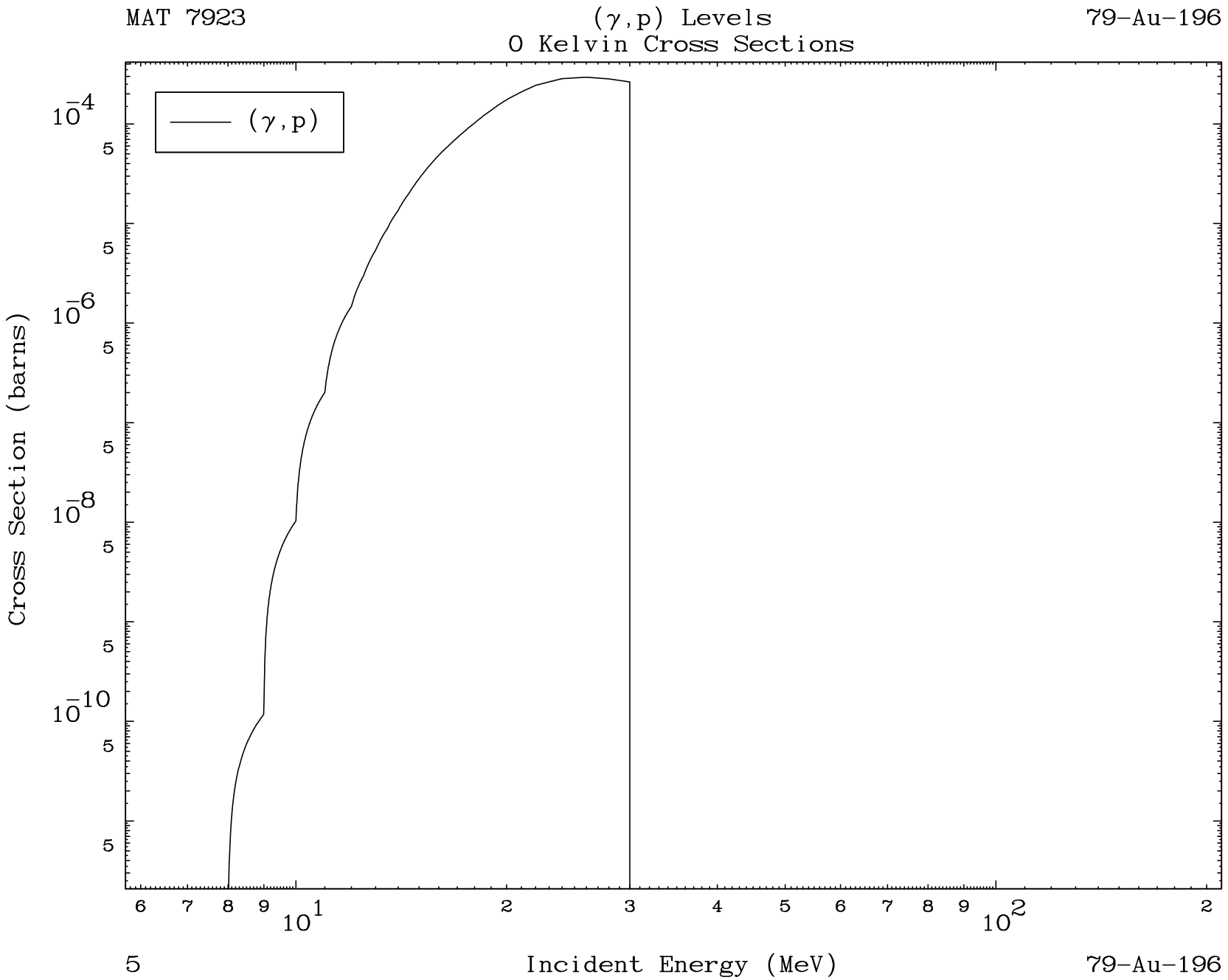
Press Mouse Button to Start

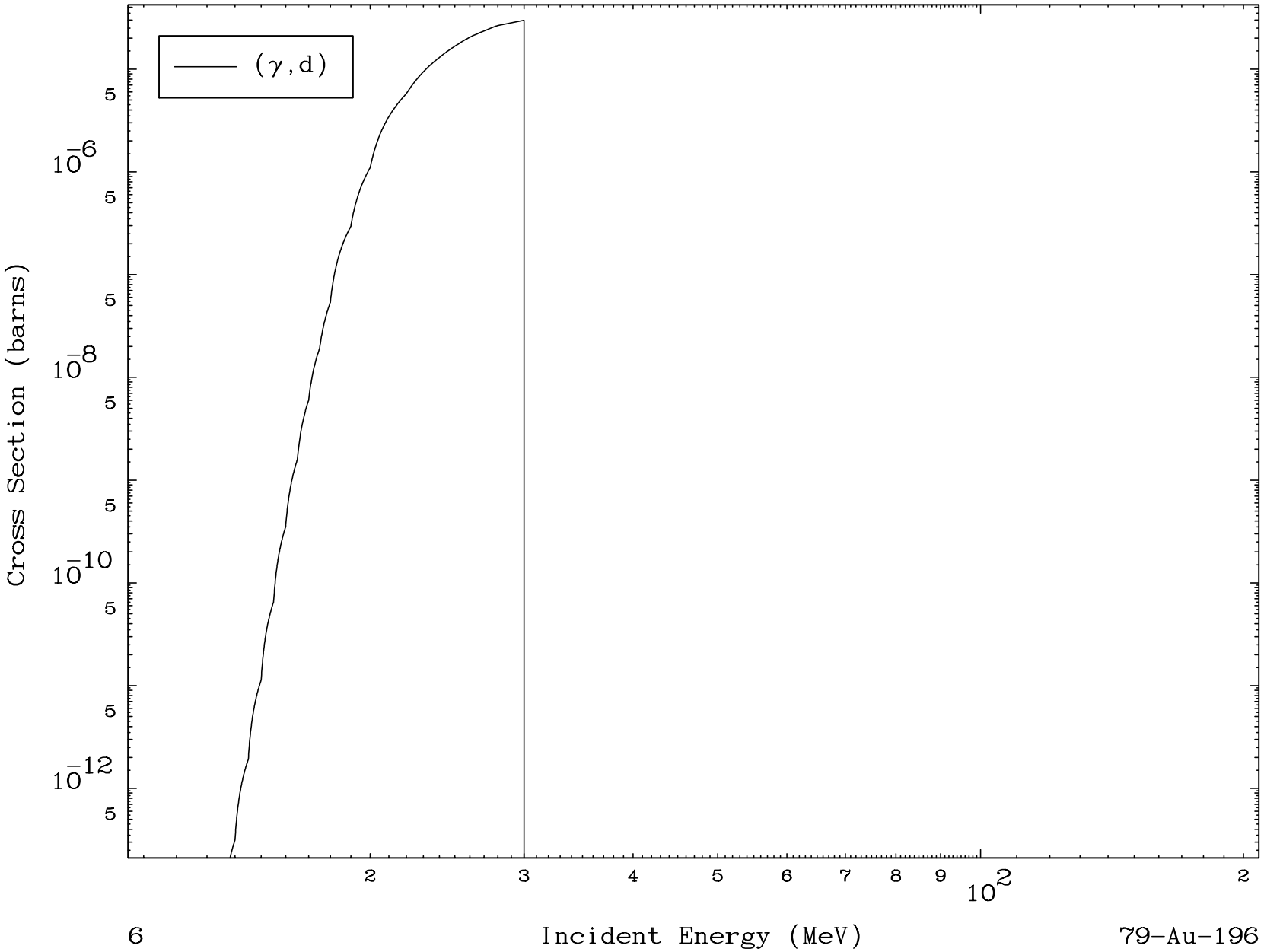

MAT 7923
Photon Major
79-Au-196
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196

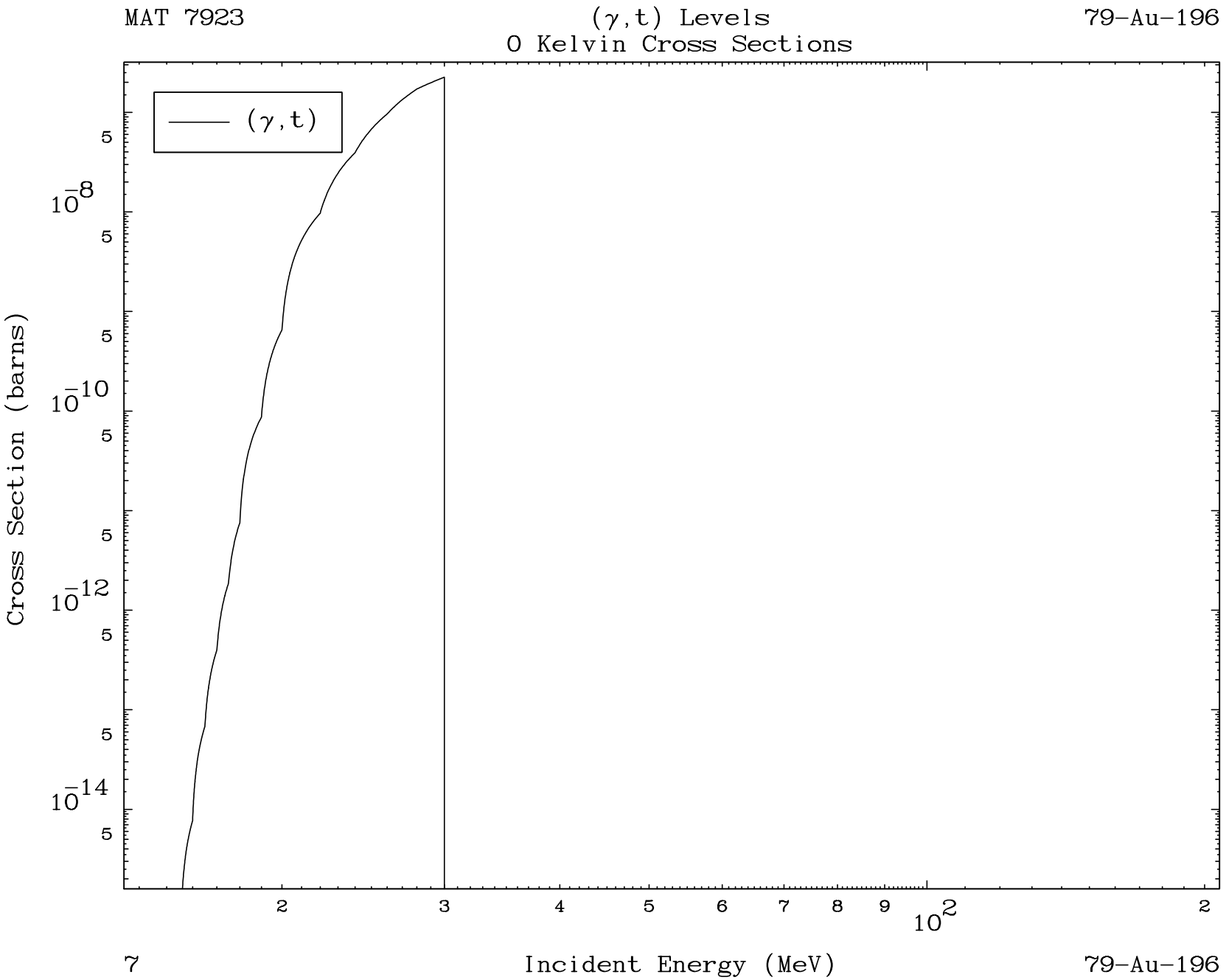

MAT 7923
Photon Neutron Production
0 Kelvin Cross Sections
79-Au-196
Cross Section (barns)
Incident Energy (MeV)
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
79-Au-196

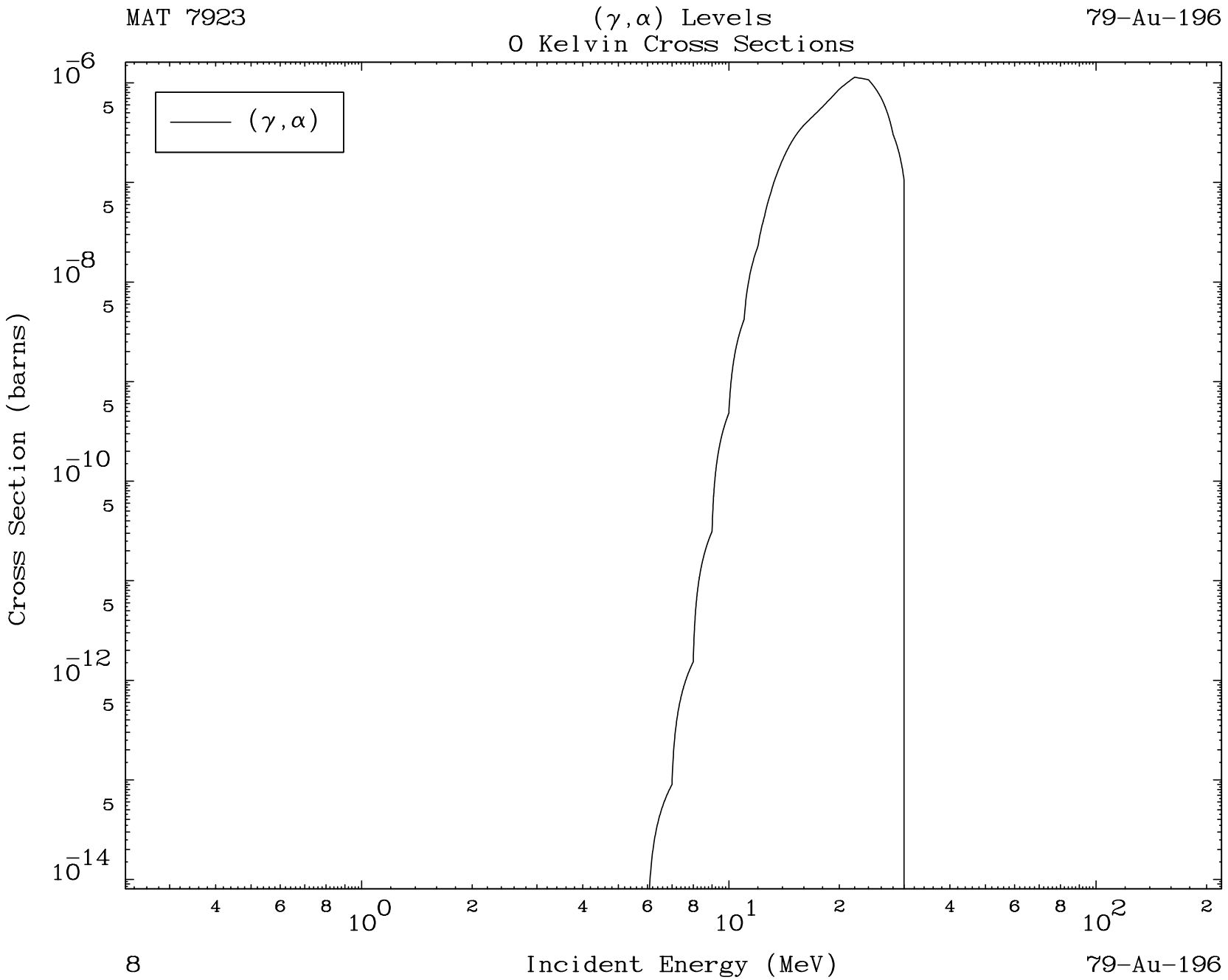

MAT 7923
Photon Charged Particle
0 Kelvin Cross Sections
79-Au-196
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-196

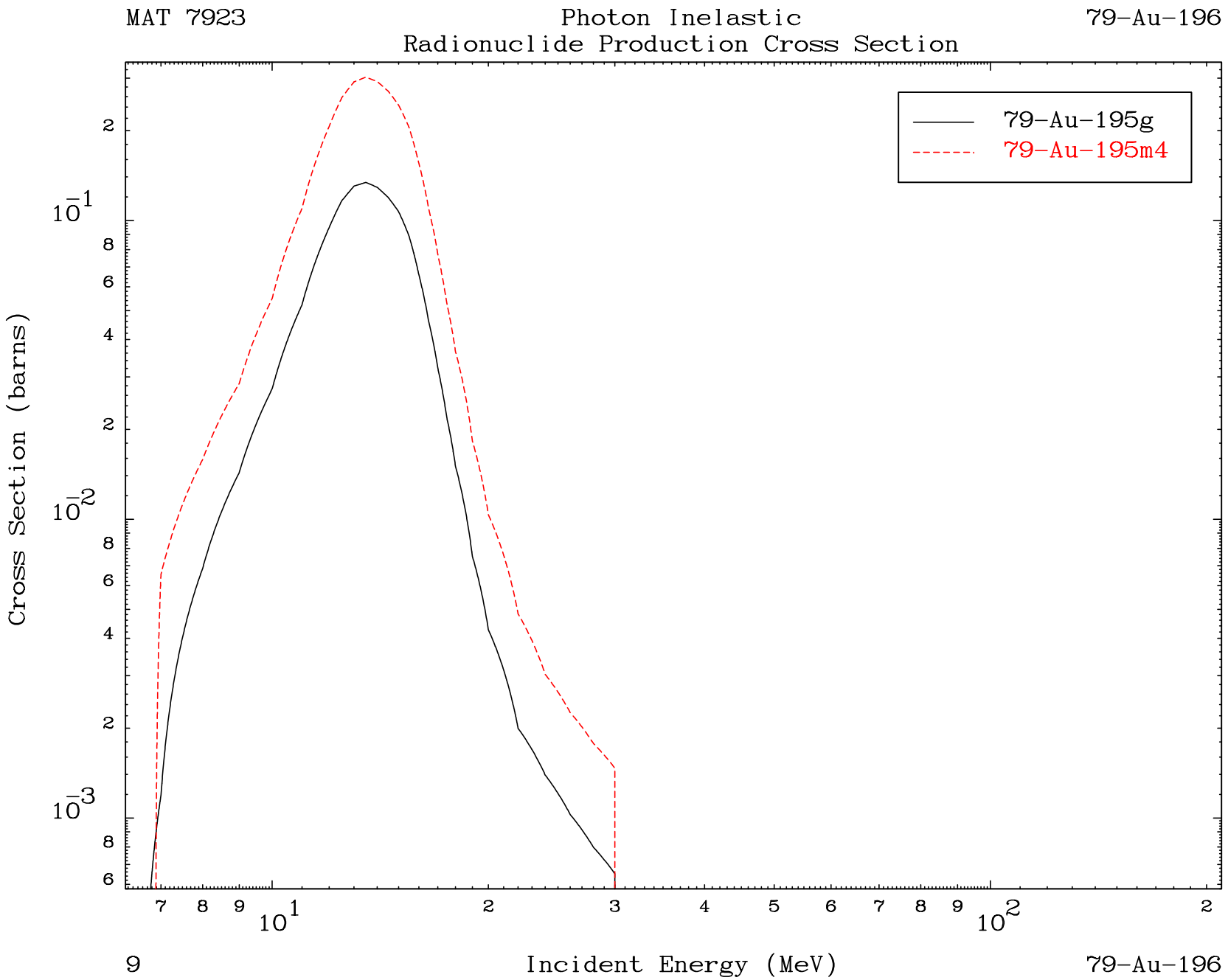

MAT 7923
(γ,n') Level
79-Au-196
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-196

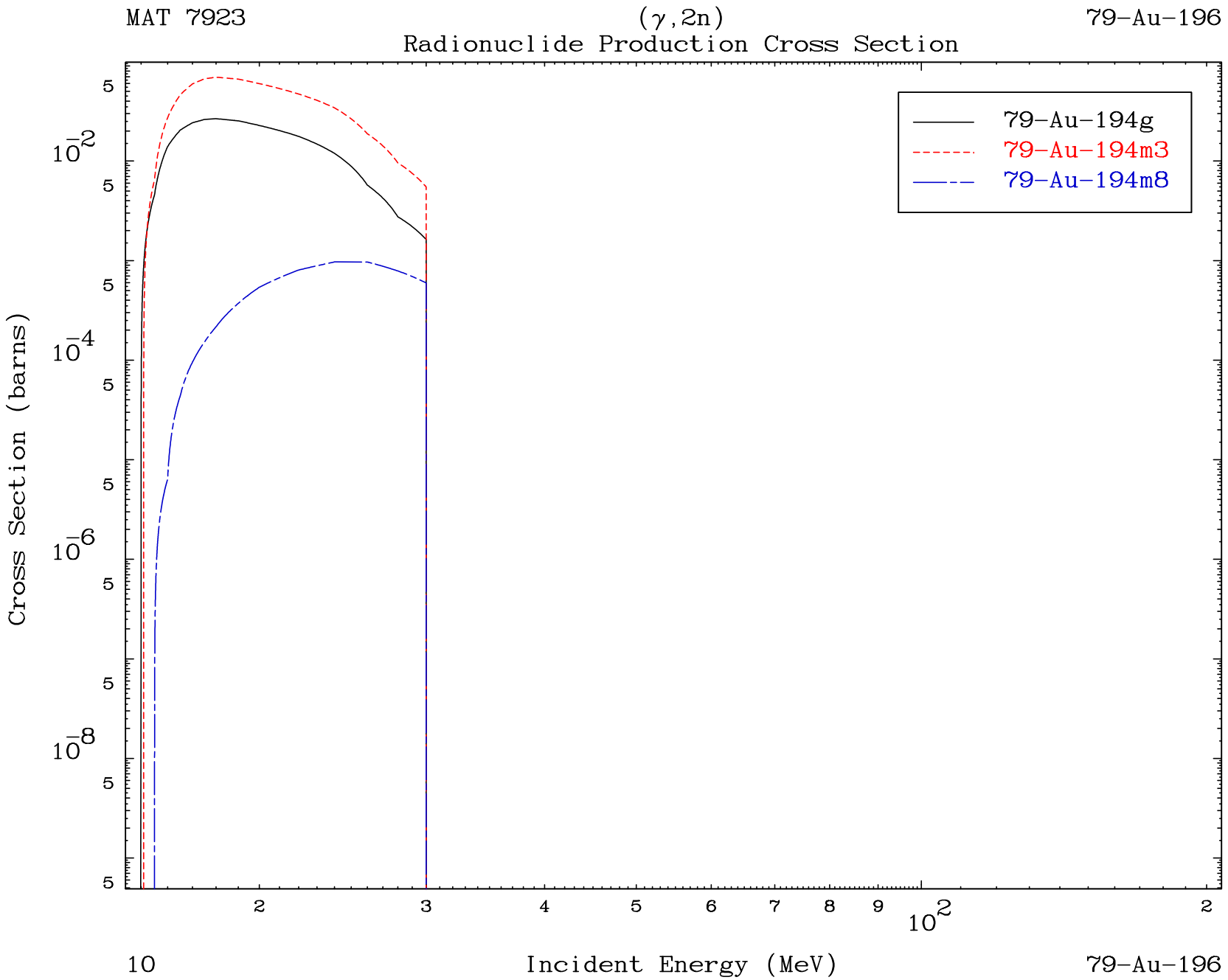

MAT 7923
(γ,p) Levels
79-Au-196
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
5
79-Au-196

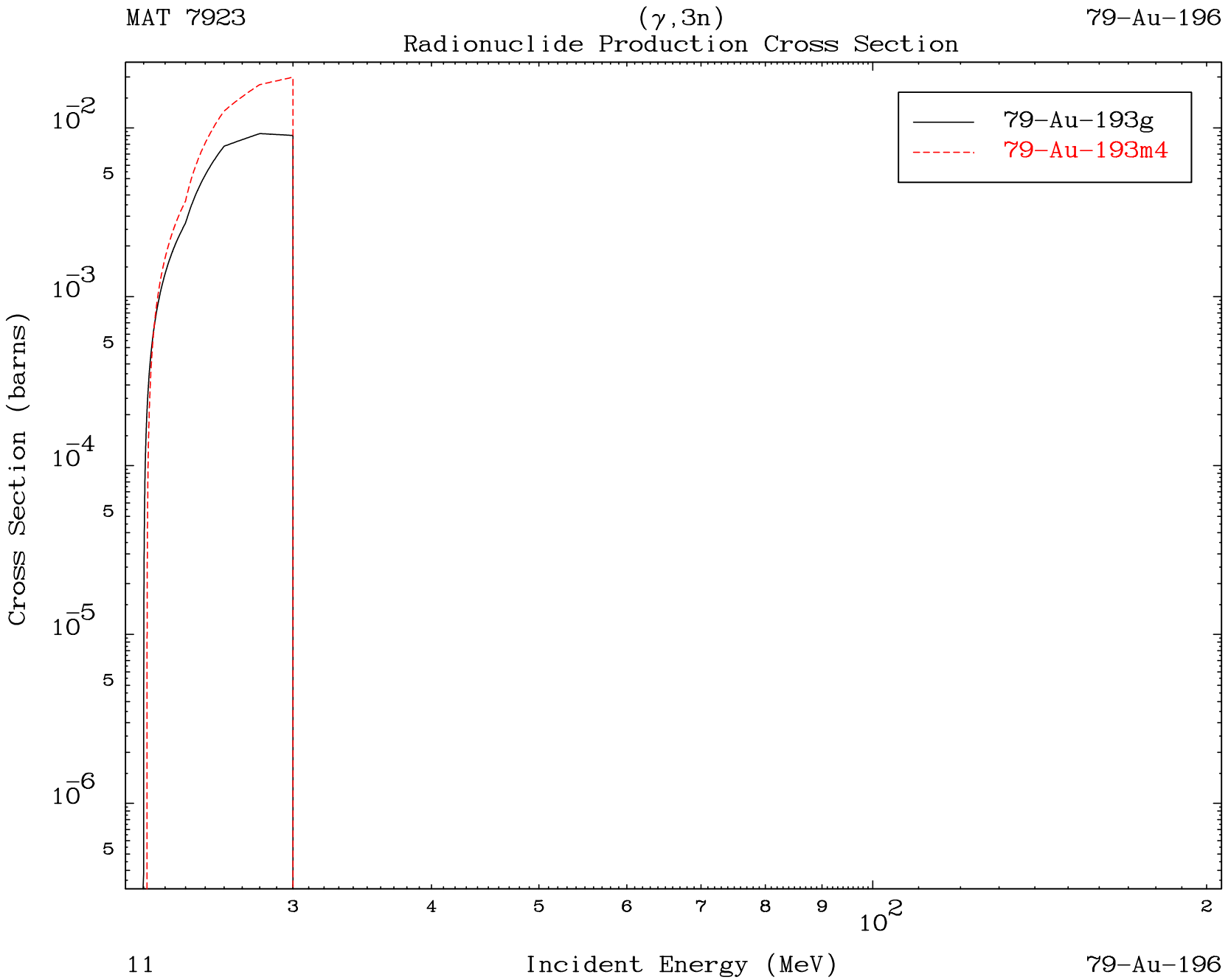

0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

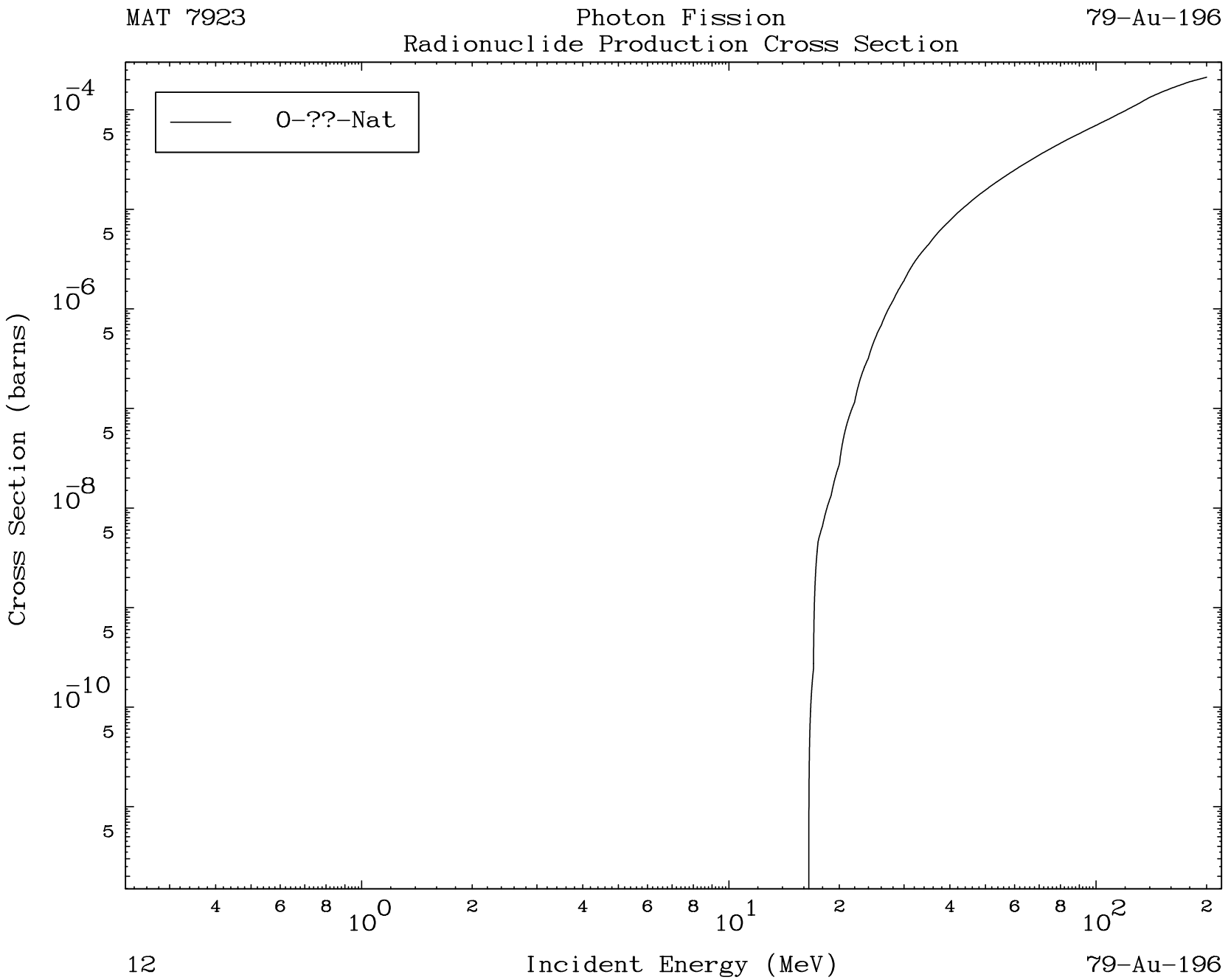

MAT 7923
(γ,t) Levels
79-Au-196
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
79-Au-196

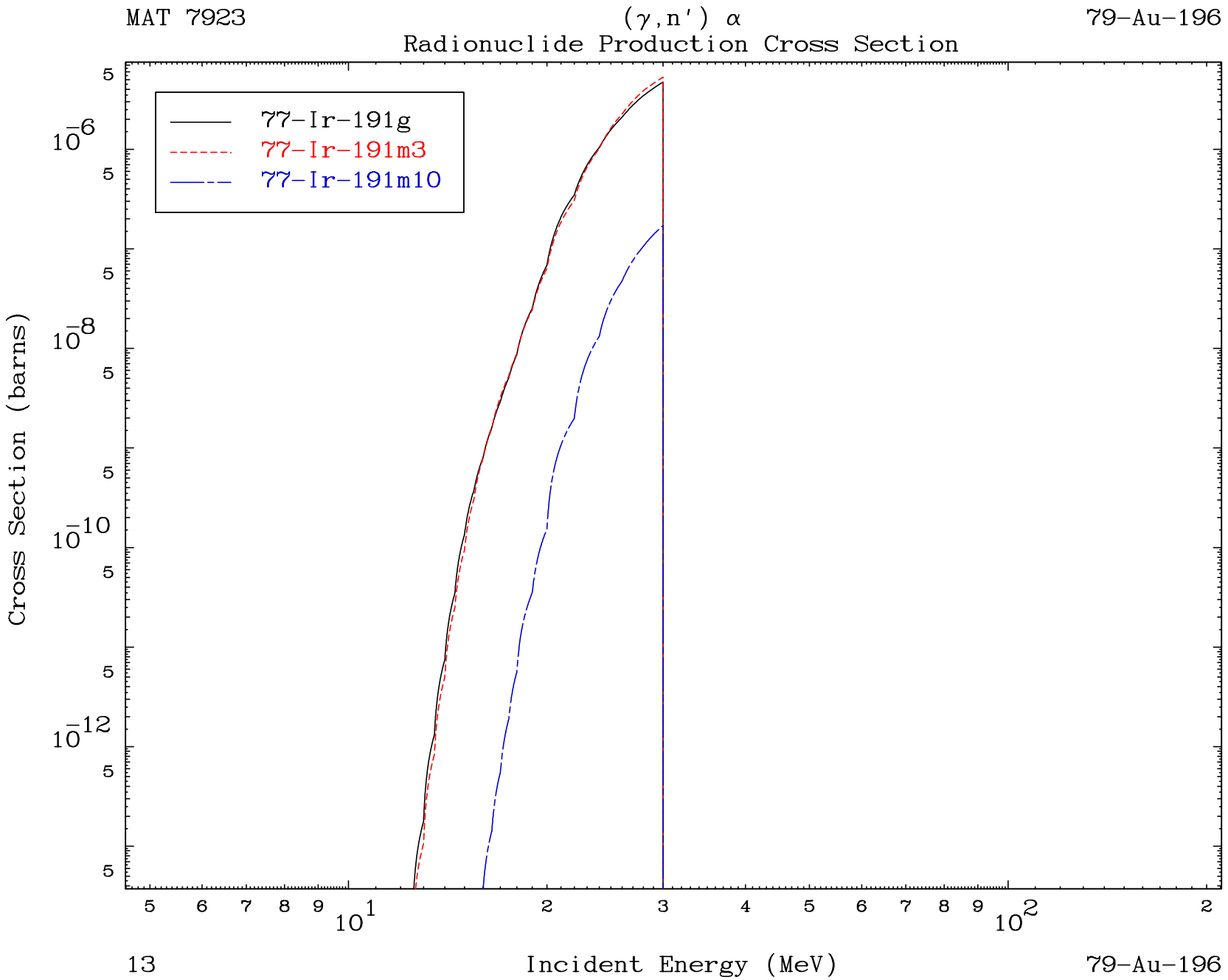

MAT 7923
(γ,α) Levels
79-Au-196
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-196

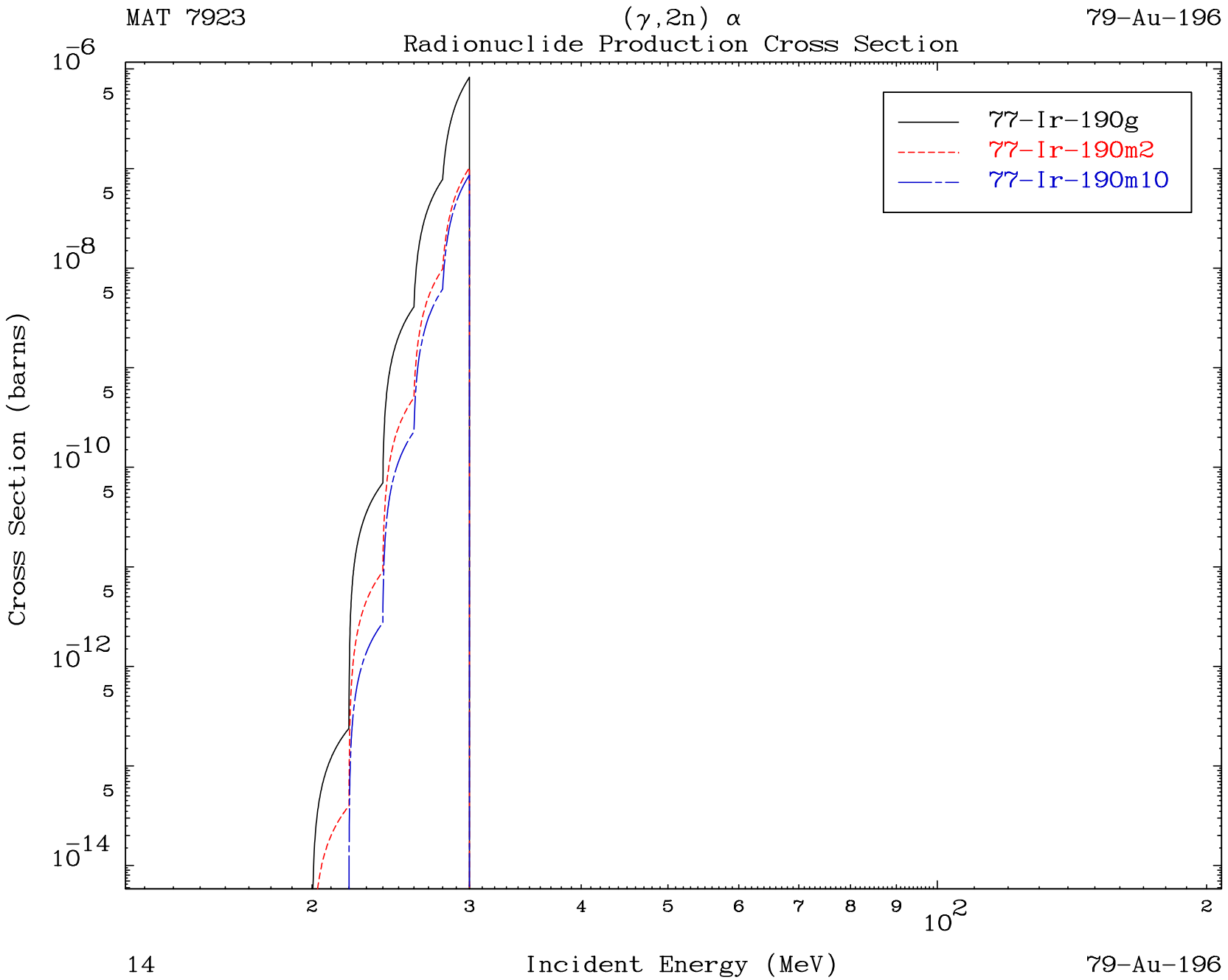

MAT 7923
Photon Inelastic
79-Au-196
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-196

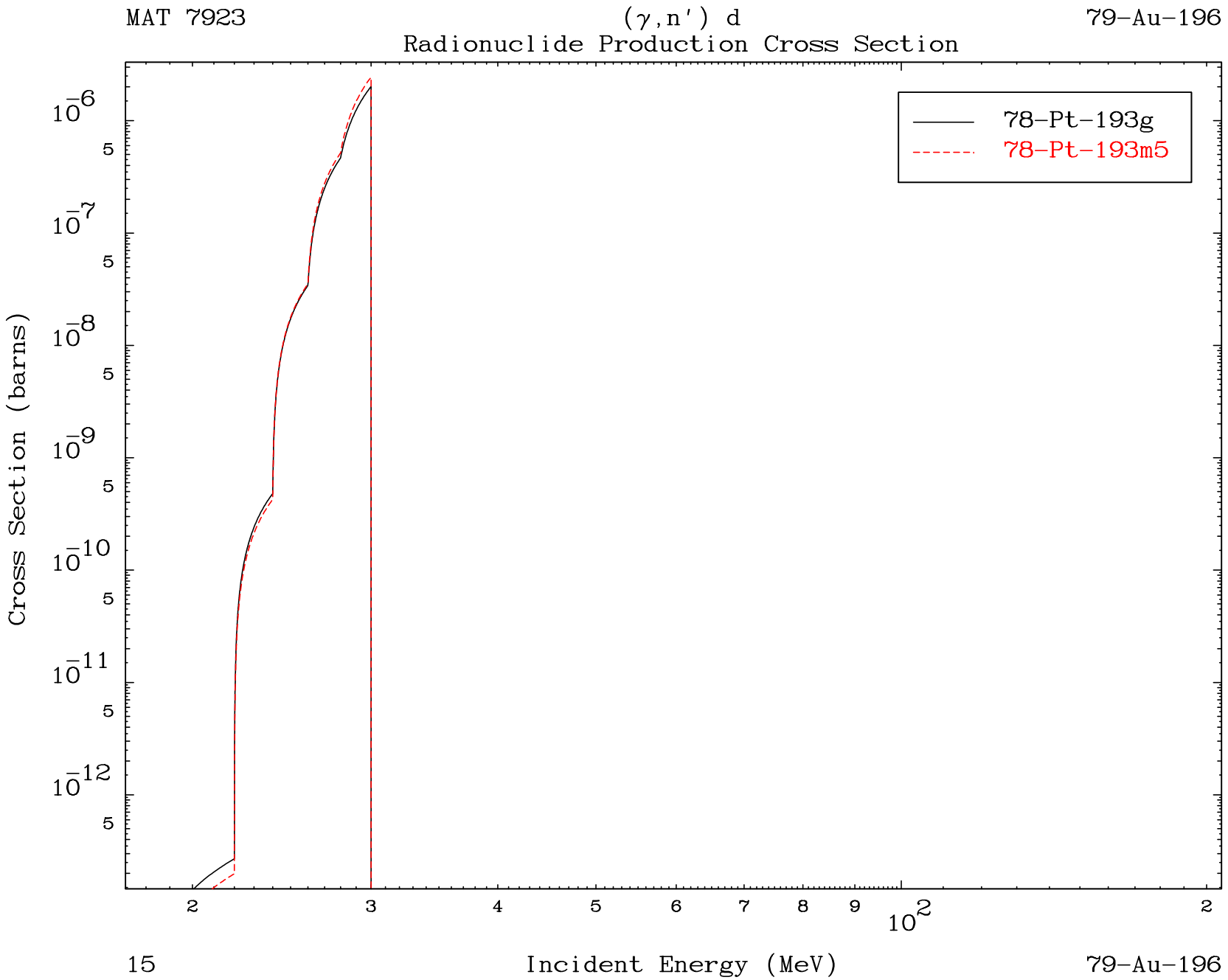

MAT 7923
(γ,2n)
79-Au-196
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
79-Au-196

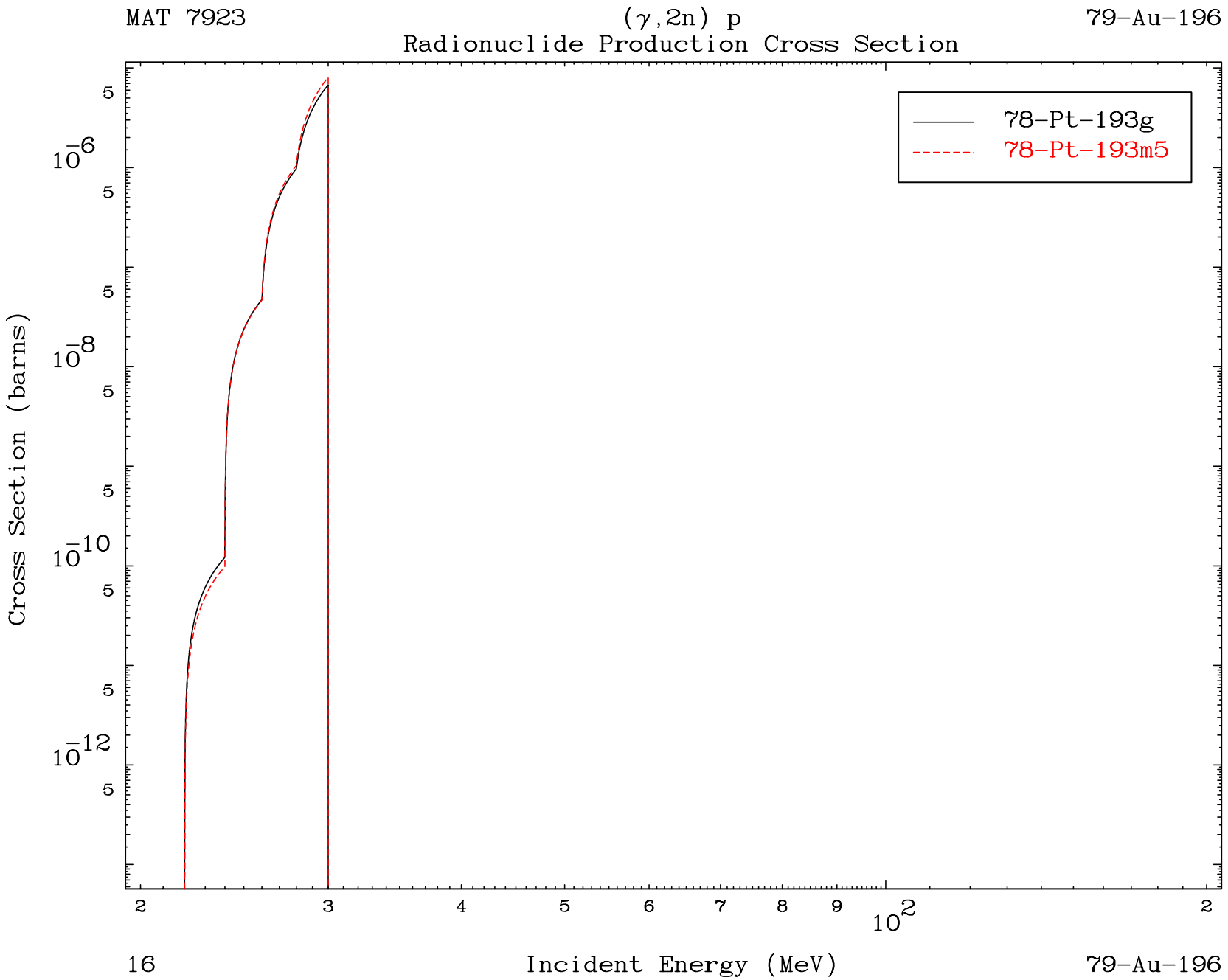

MAT 7923
(γ,3n)
79-Au-196
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
79-Au-196

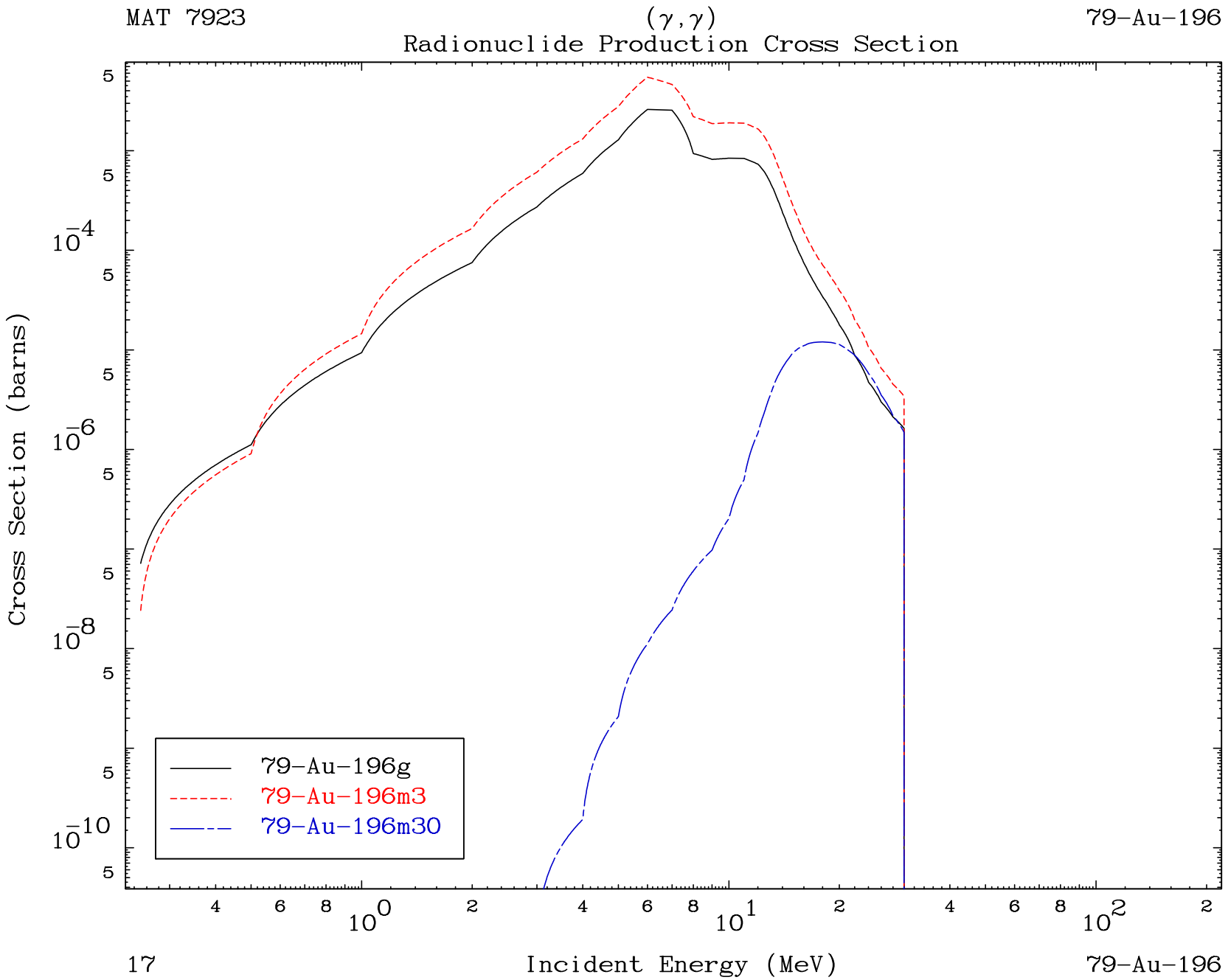

MAT 7923
Photon Fission
79-Au-196
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-196

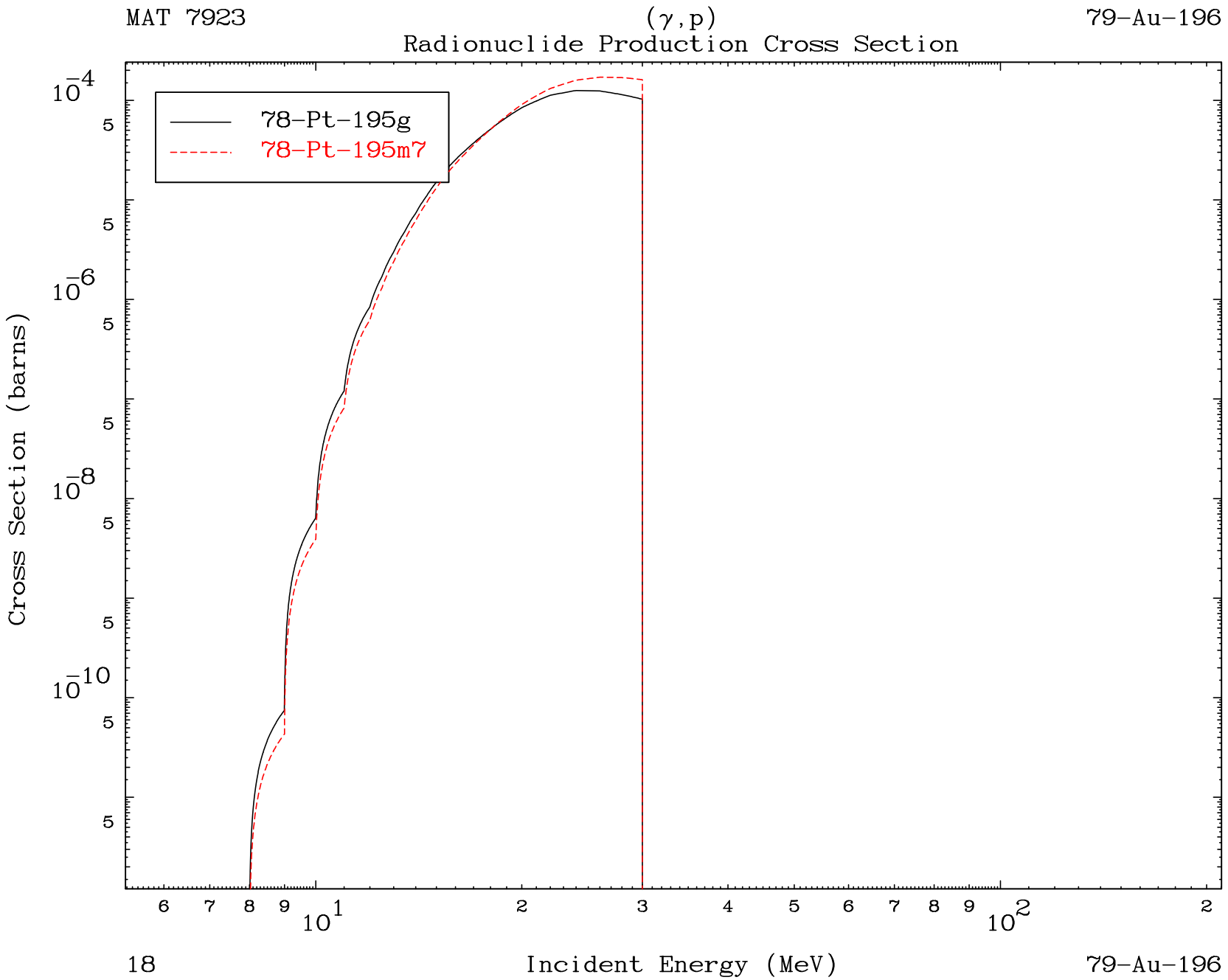

MAT 7923
(γ,n') α
79-Au-196
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m10
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-196

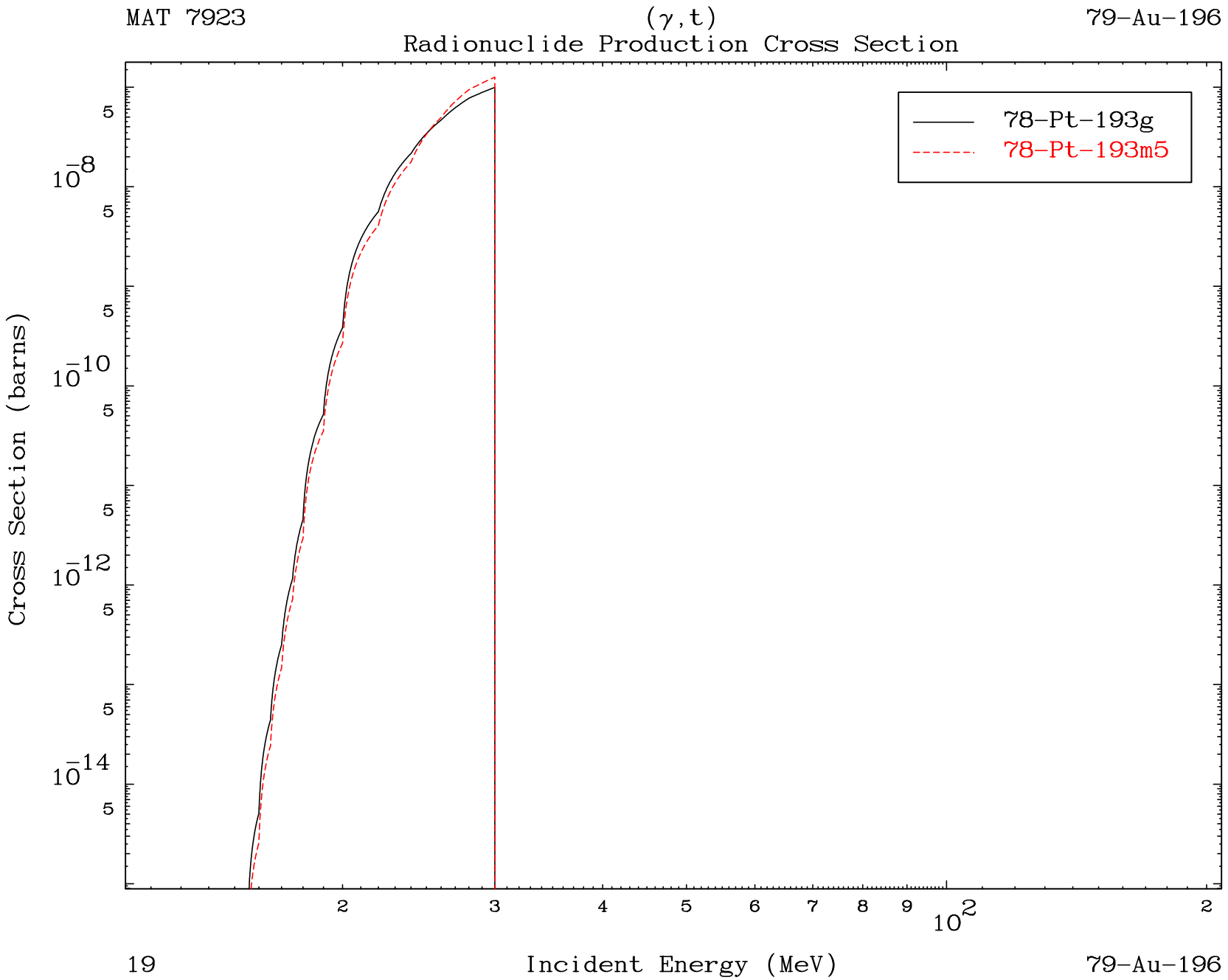

MAT 7923
(γ,2n) α
79-Au-196
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m10
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-196

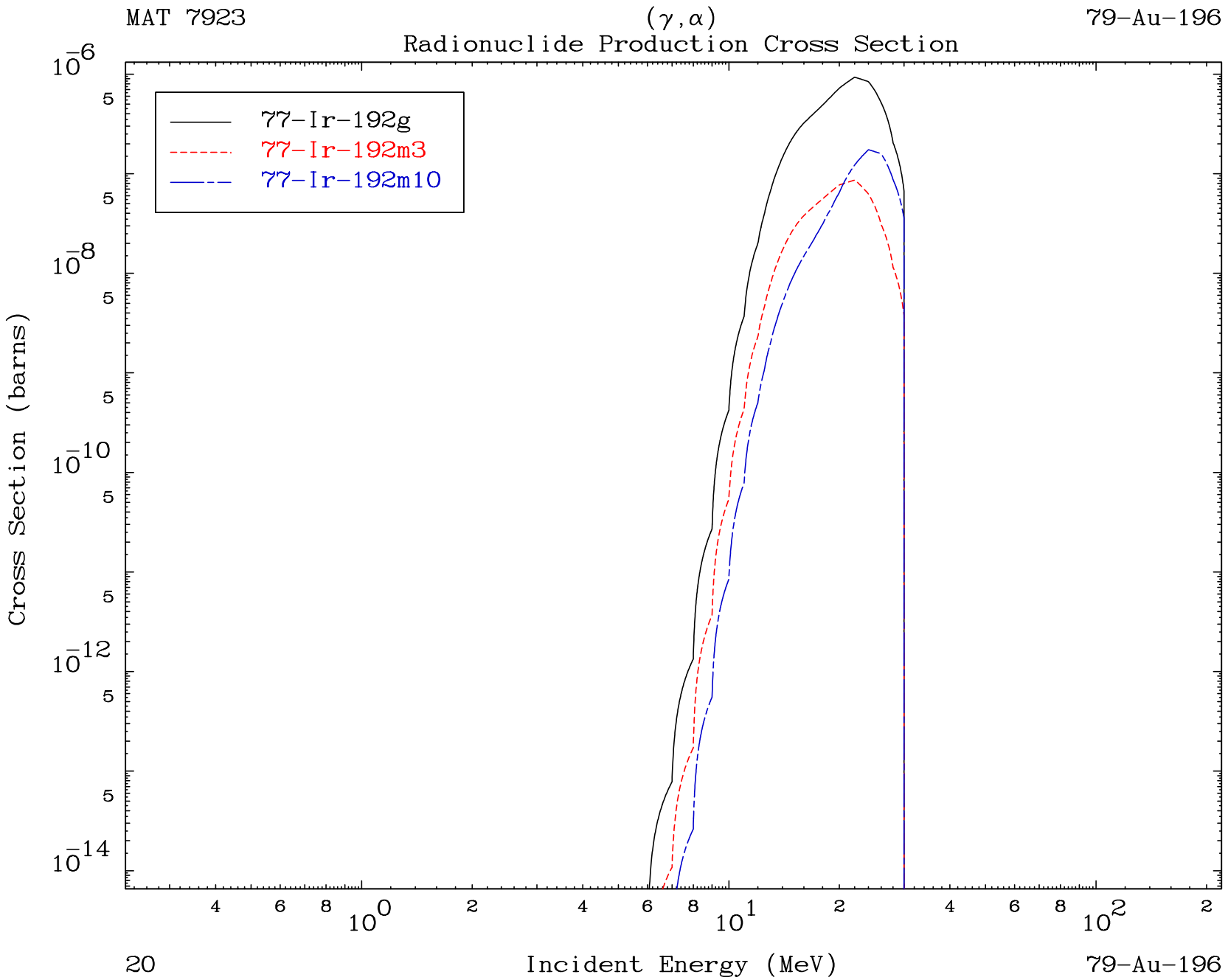

MAT 7923
(γ,n') d
79-Au-196
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
79-Au-196


MAT 7923
(γ,2n) p
79-Au-196
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
79-Au-196


MAT 7923
(γ,γ)
79-Au-196
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
79-Au-196g
79-Au-196m3
79-Au-196m30
17
79-Au-196


MAT 7923
(γ,p)
79-Au-196
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
18
79-Au-196


MAT 7923
(γ,t)
79-Au-196
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
79-Au-196


MAT 7923
(γ,α)
79-Au-196
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m10
Cross Section (barns)
Incident Energy (MeV)
20
79-Au-196