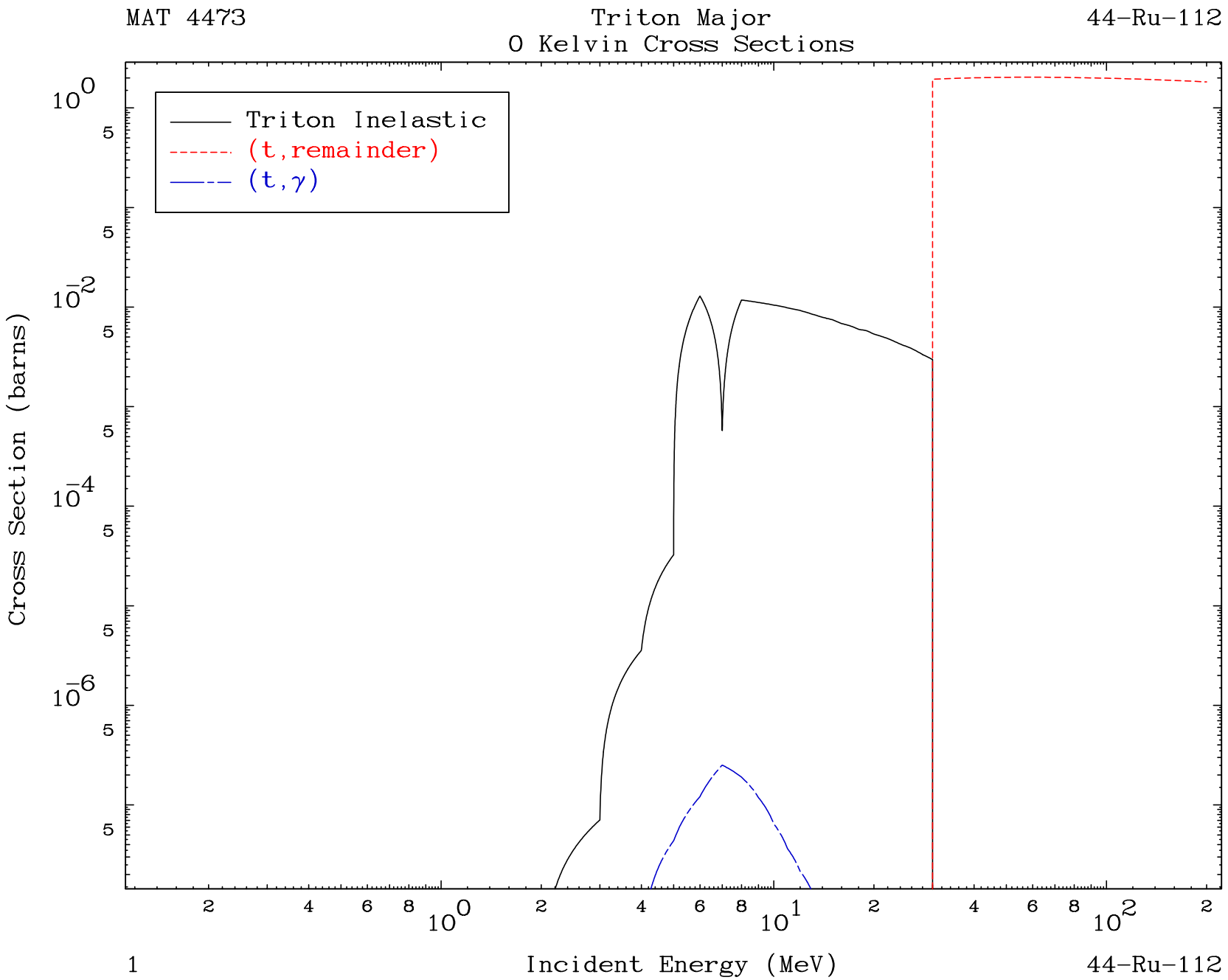
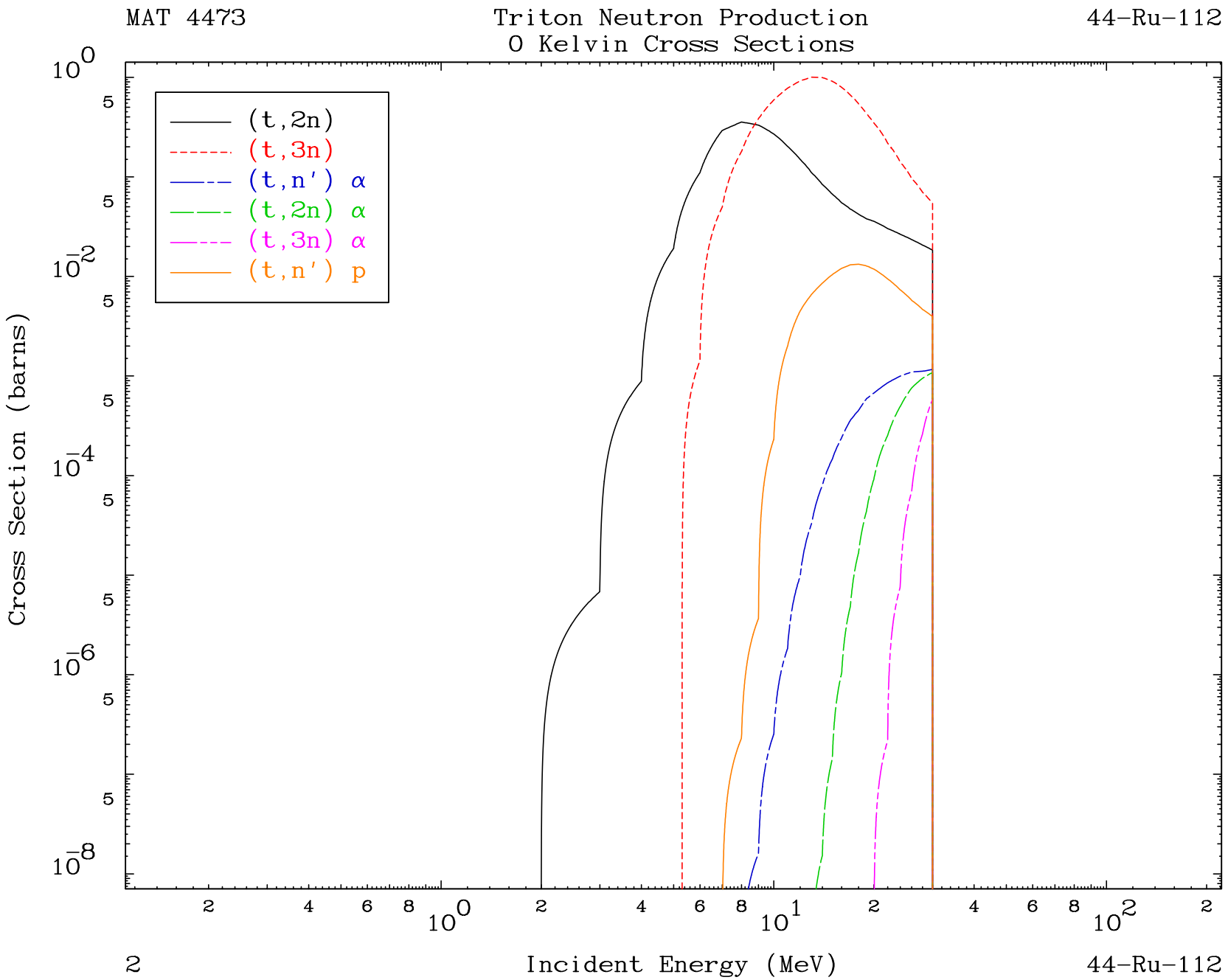
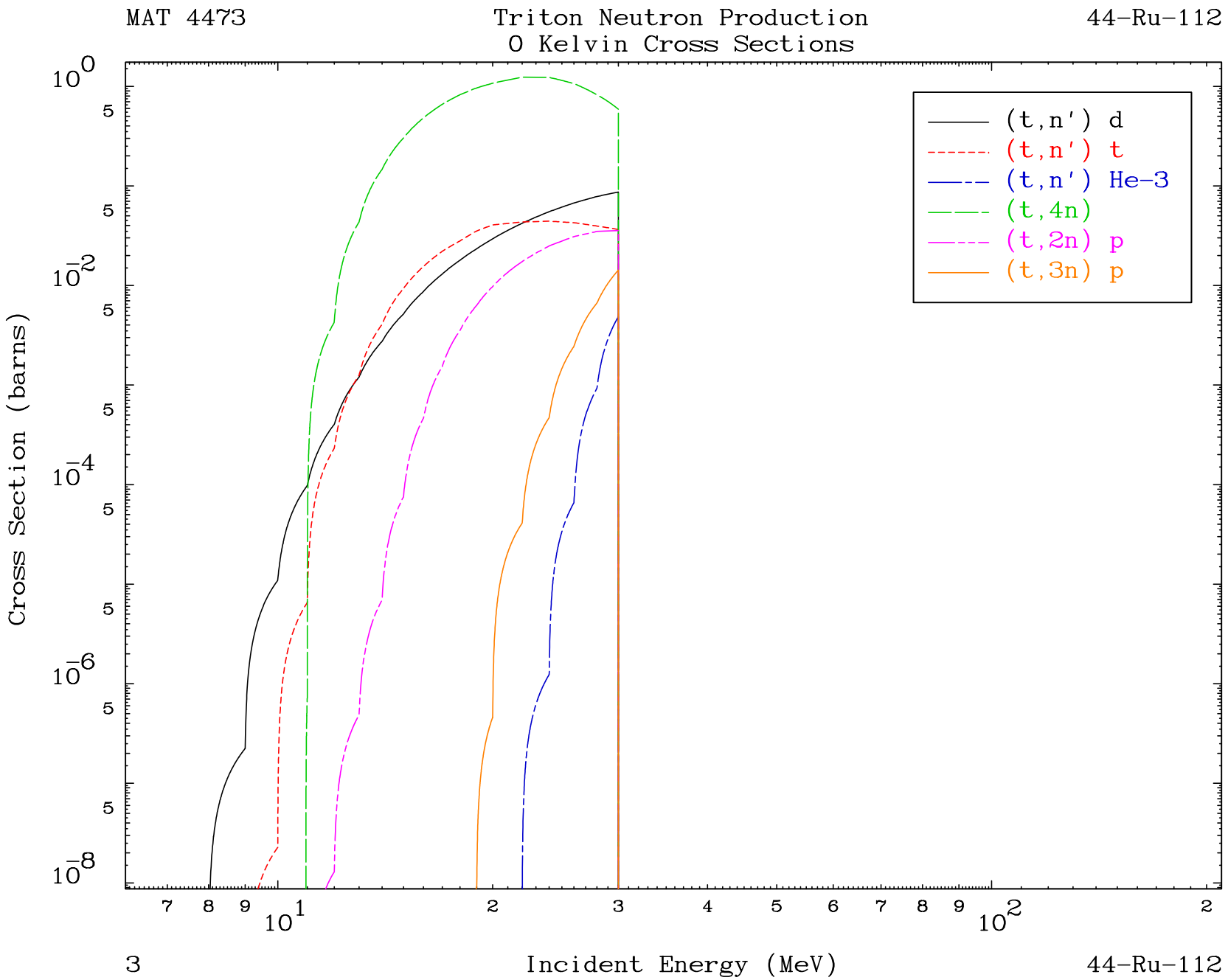
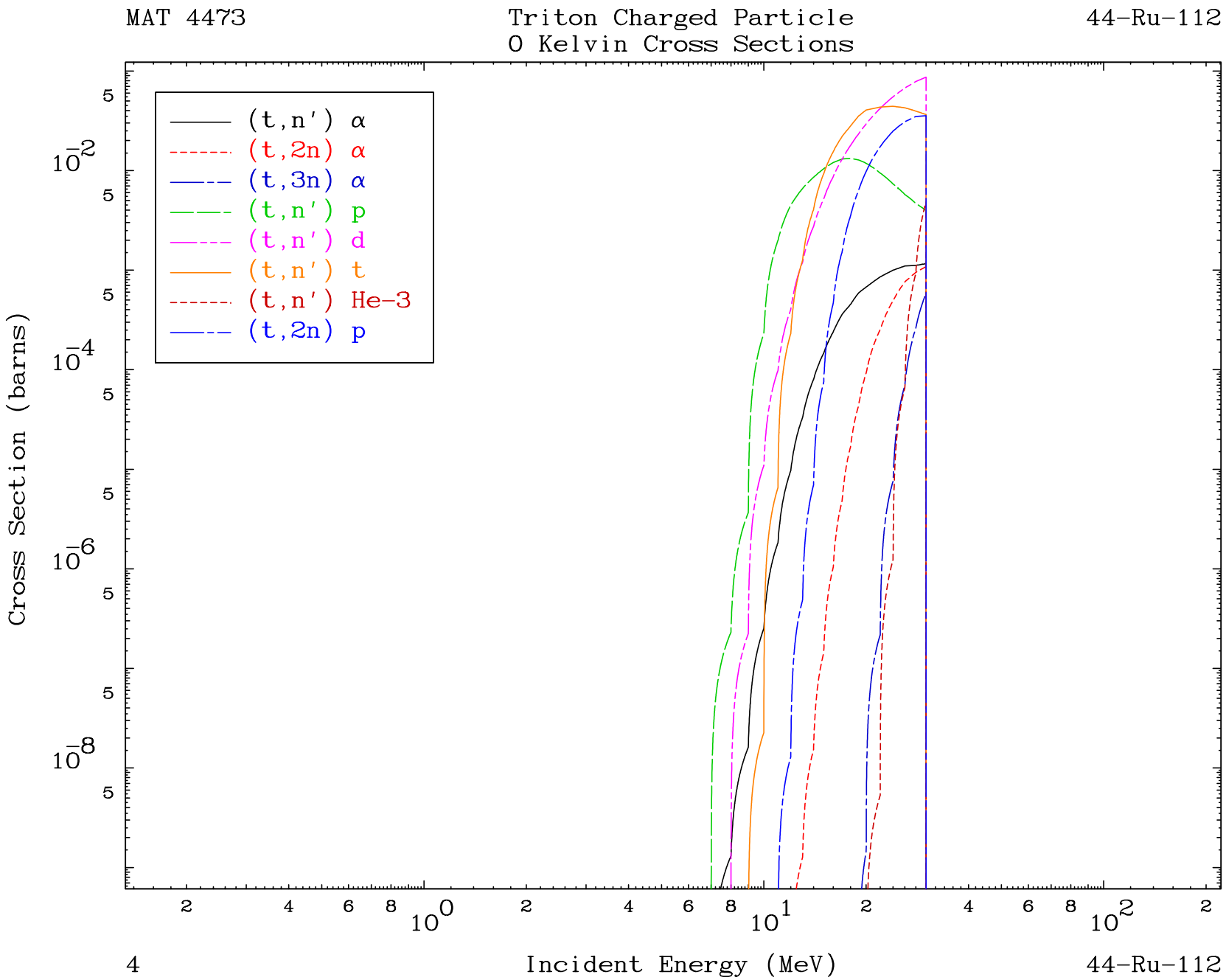
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

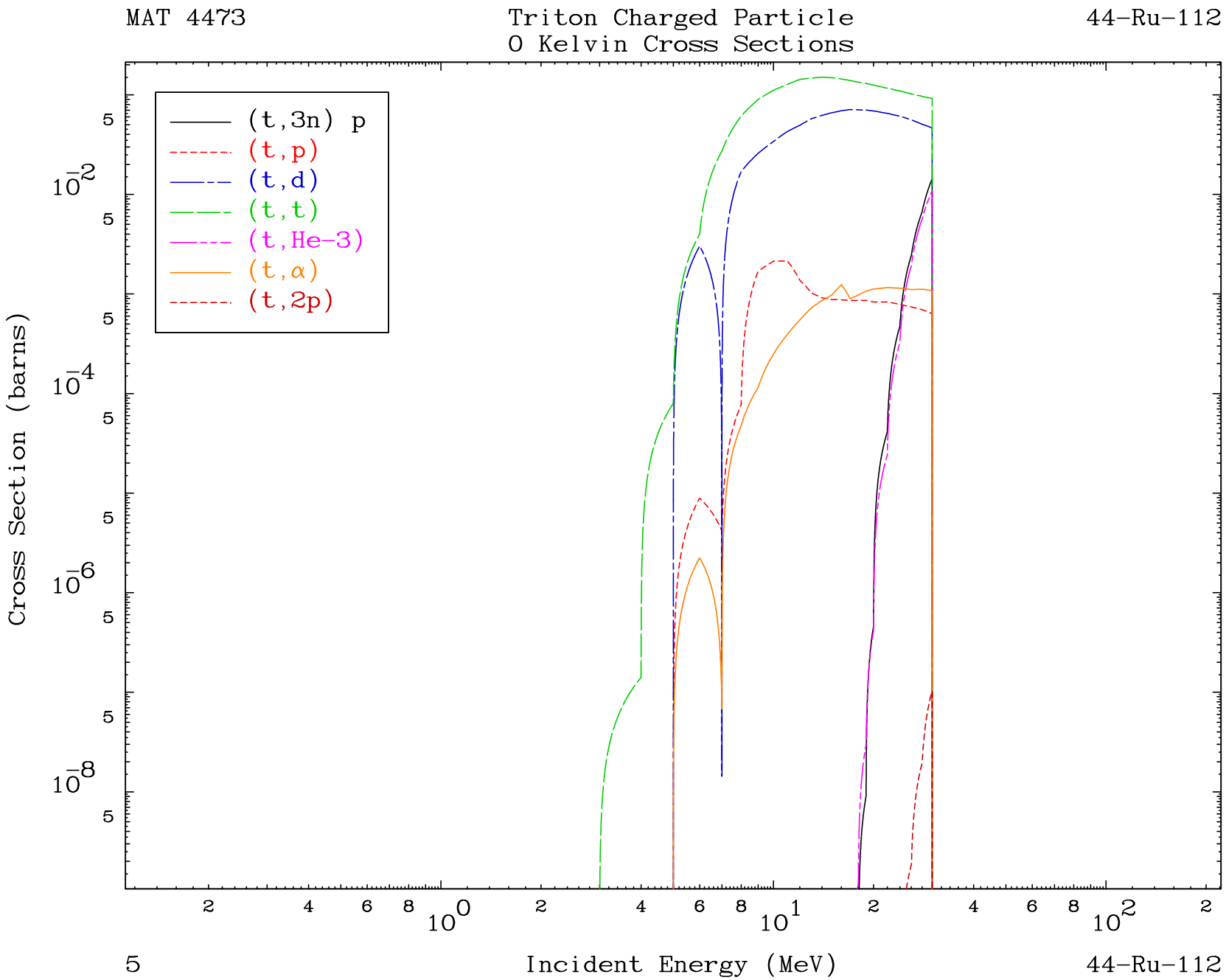
Press Mouse Button to Start

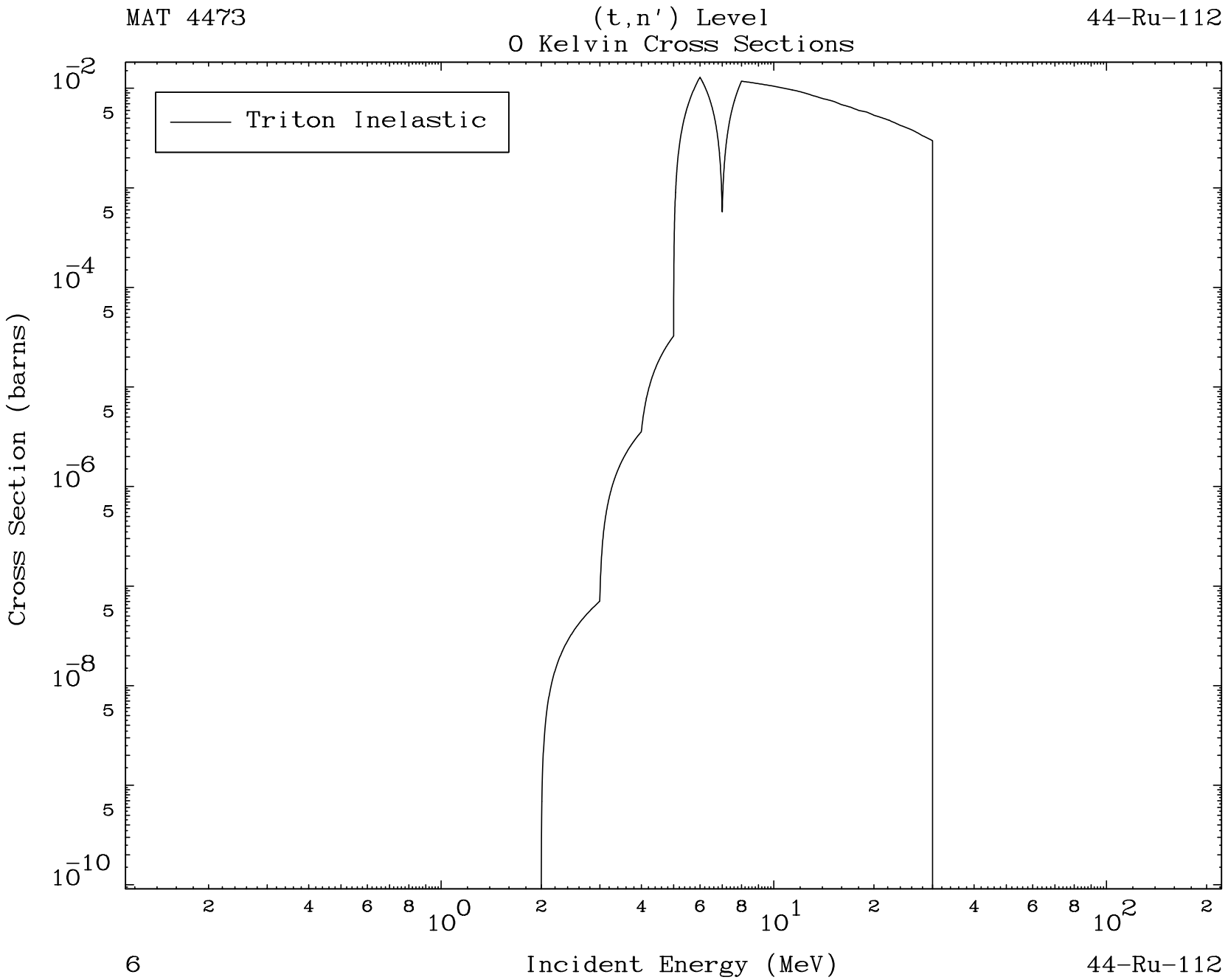

MAT 4473
Triton Major
44-Ru-112
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
44-Ru-112
1

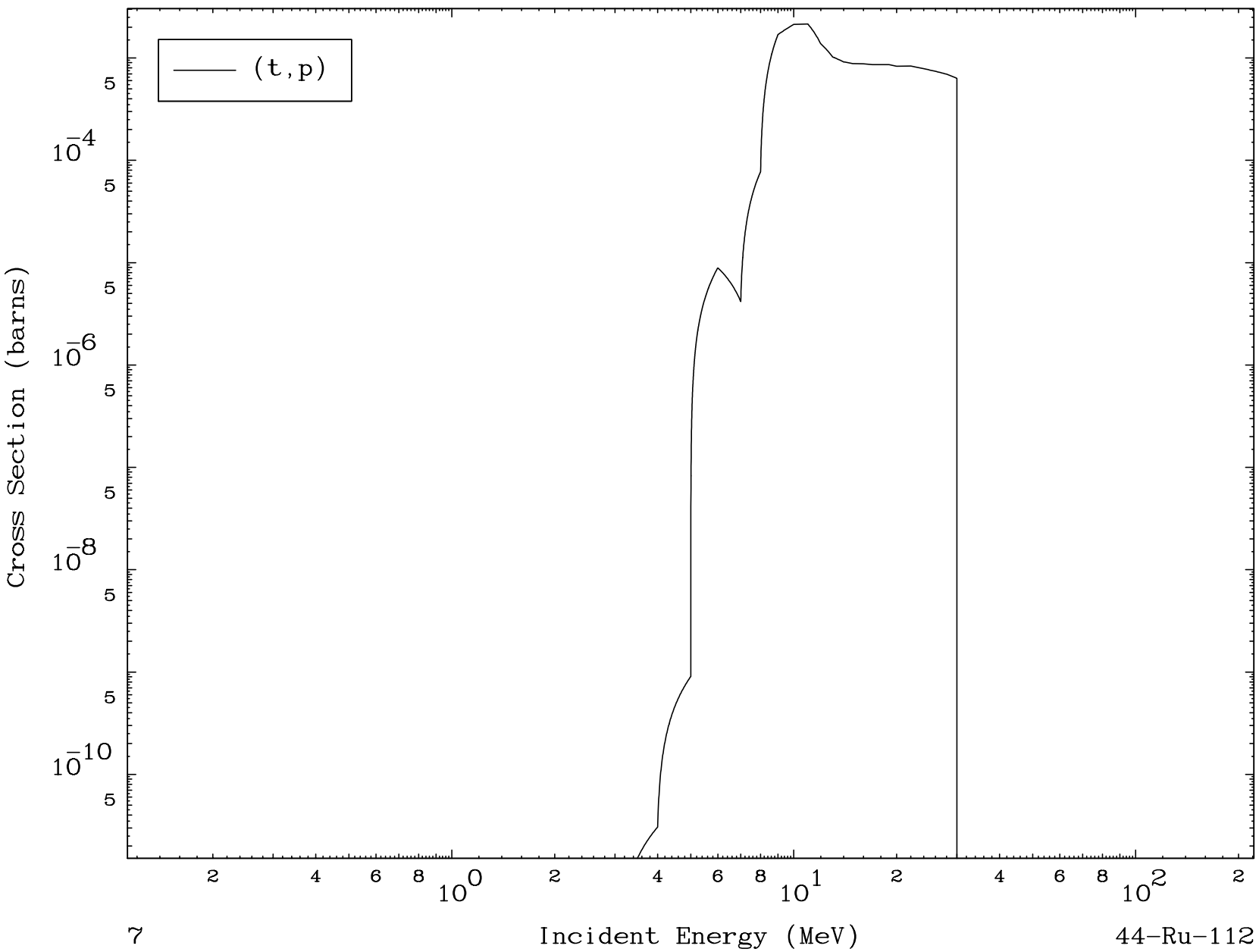

MAT 4473
Triton Neutron Production
0 Kelvin Cross Sections
44-Ru-112
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
Cross Section (barns)
Incident Energy (MeV)
44-Ru-112
2

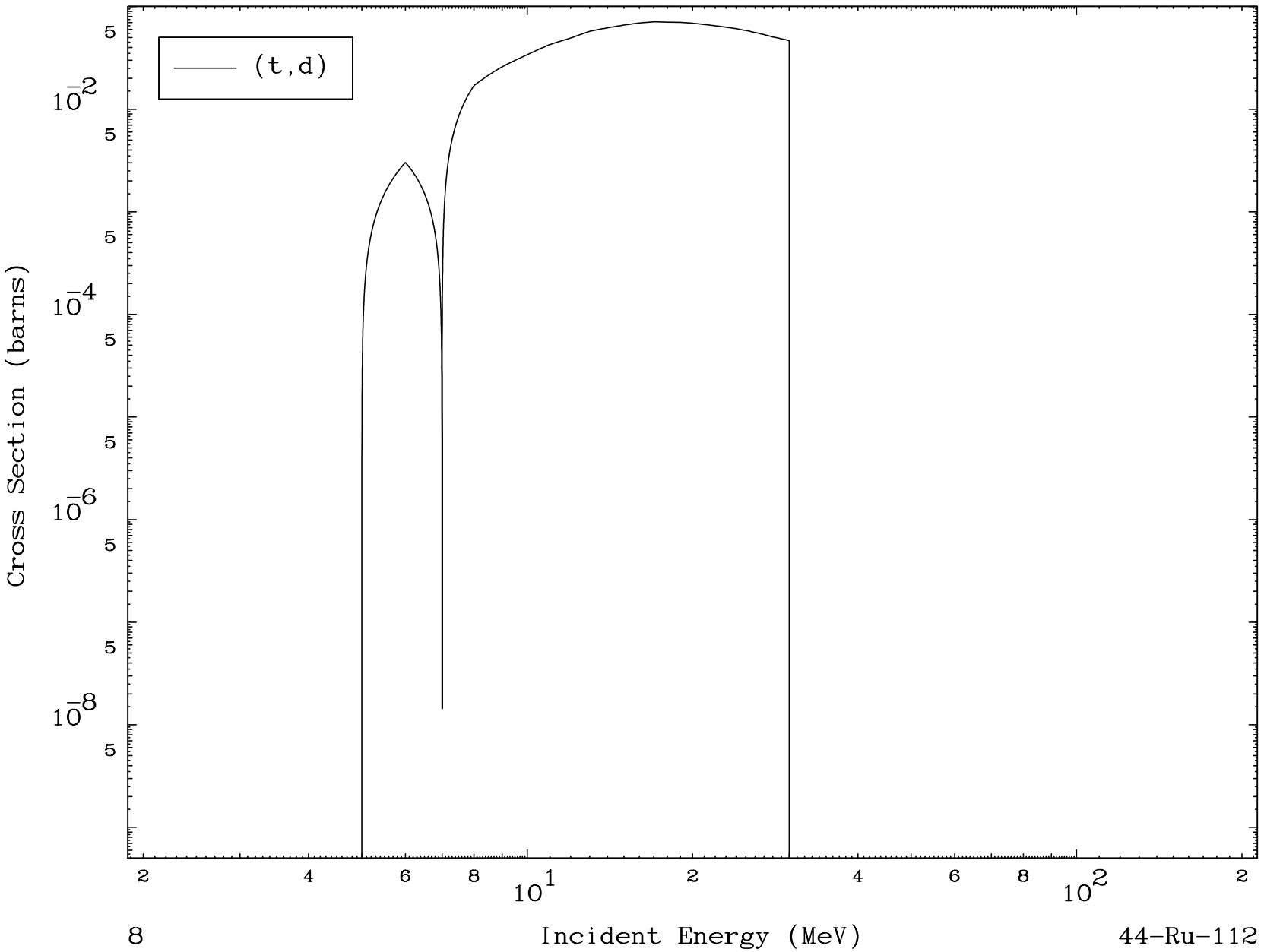

MAT 4473
Triton Neutron Production
0 Kelvin Cross Sections
44-Ru-112
Cross Section (barns)
Incident Energy (MeV)
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
3
44-Ru-112

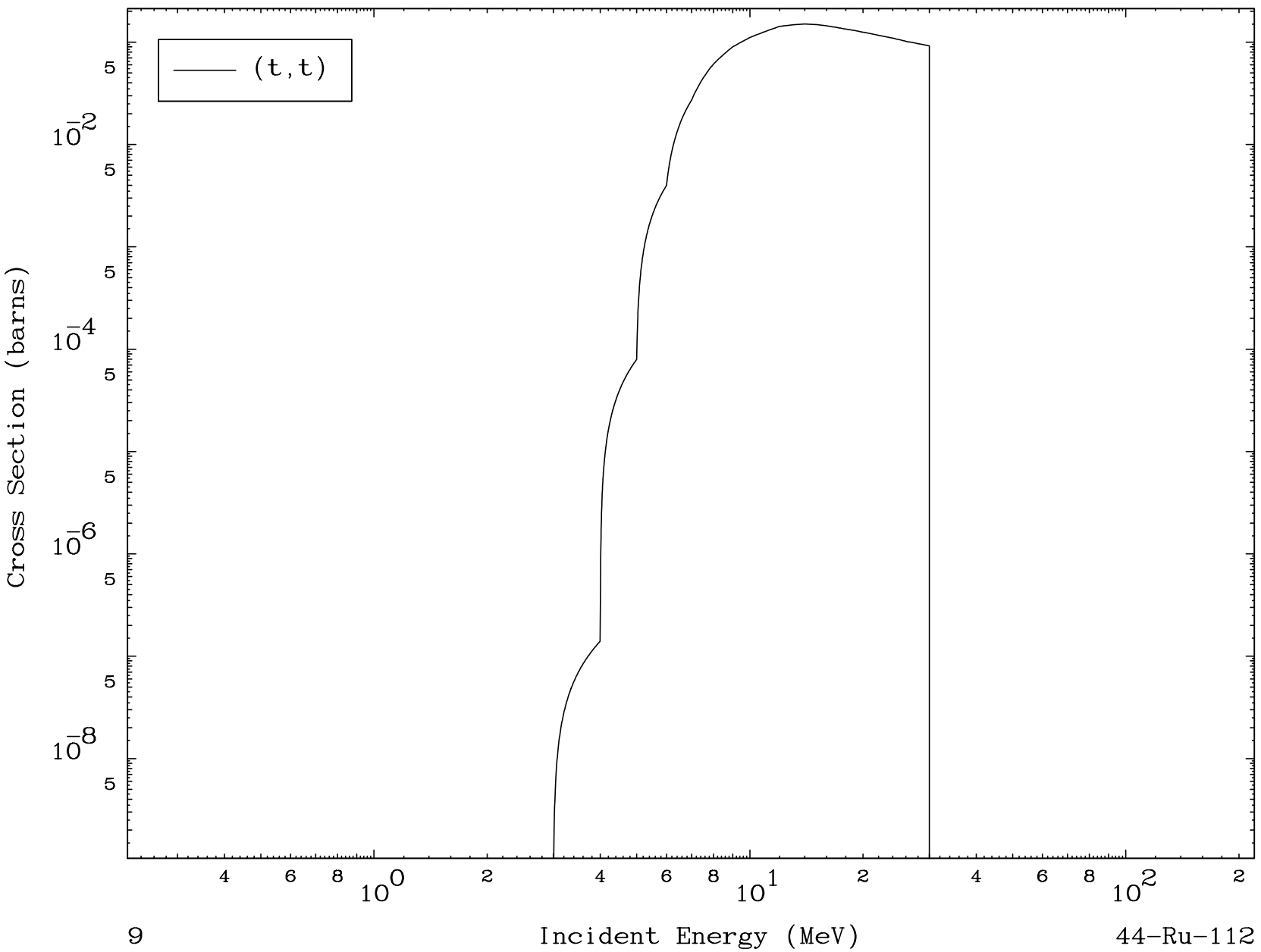

MAT 4473
Triton Charged Particle
0 Kelvin Cross Sections
44-Ru-112
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
44-Ru-112

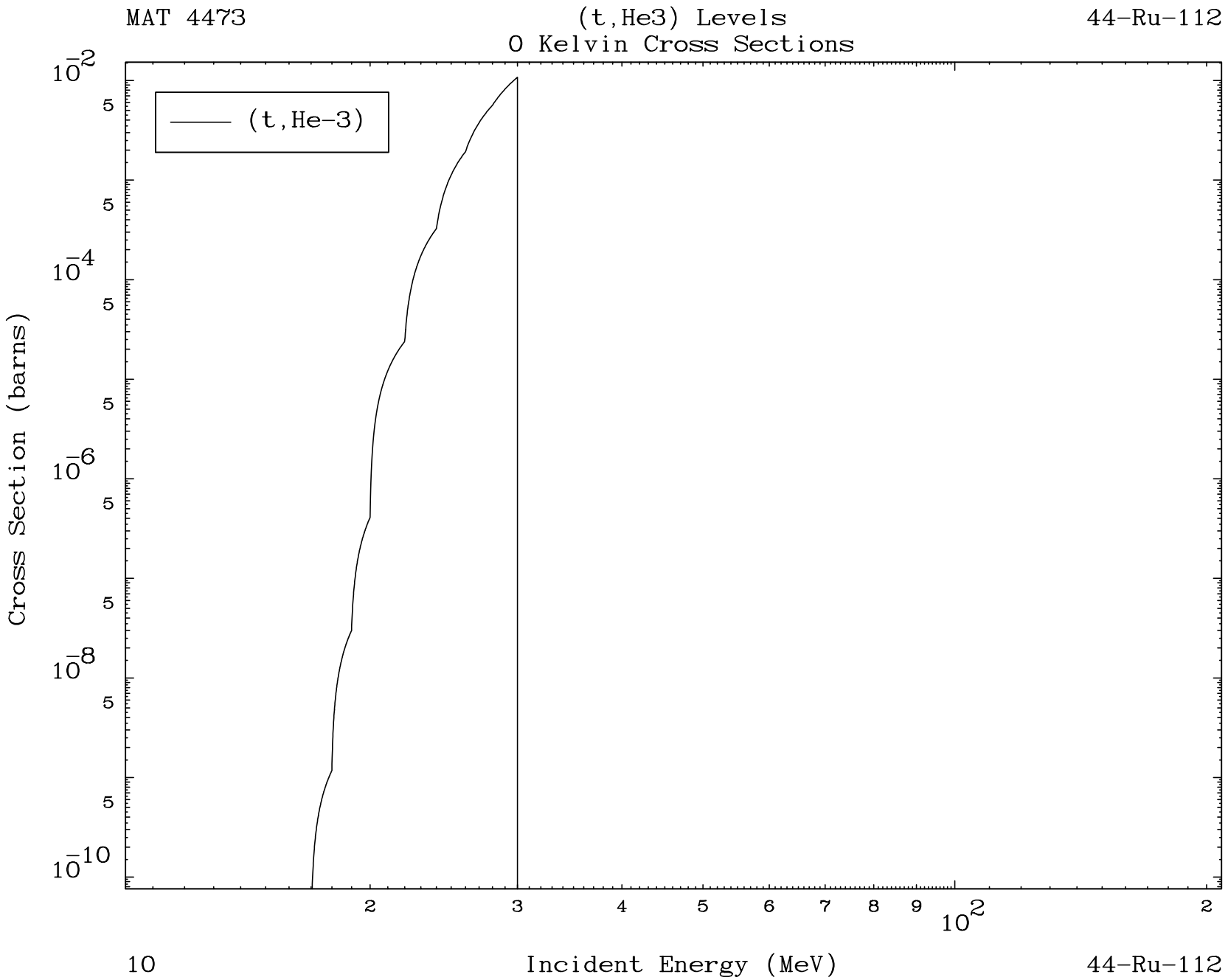

MAT 4473
Triton Charged Particle
0 Kelvin Cross Sections
44-Ru-112
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2p)
Cross Section (barns)
Incident Energy (MeV)
5
44-Ru-112

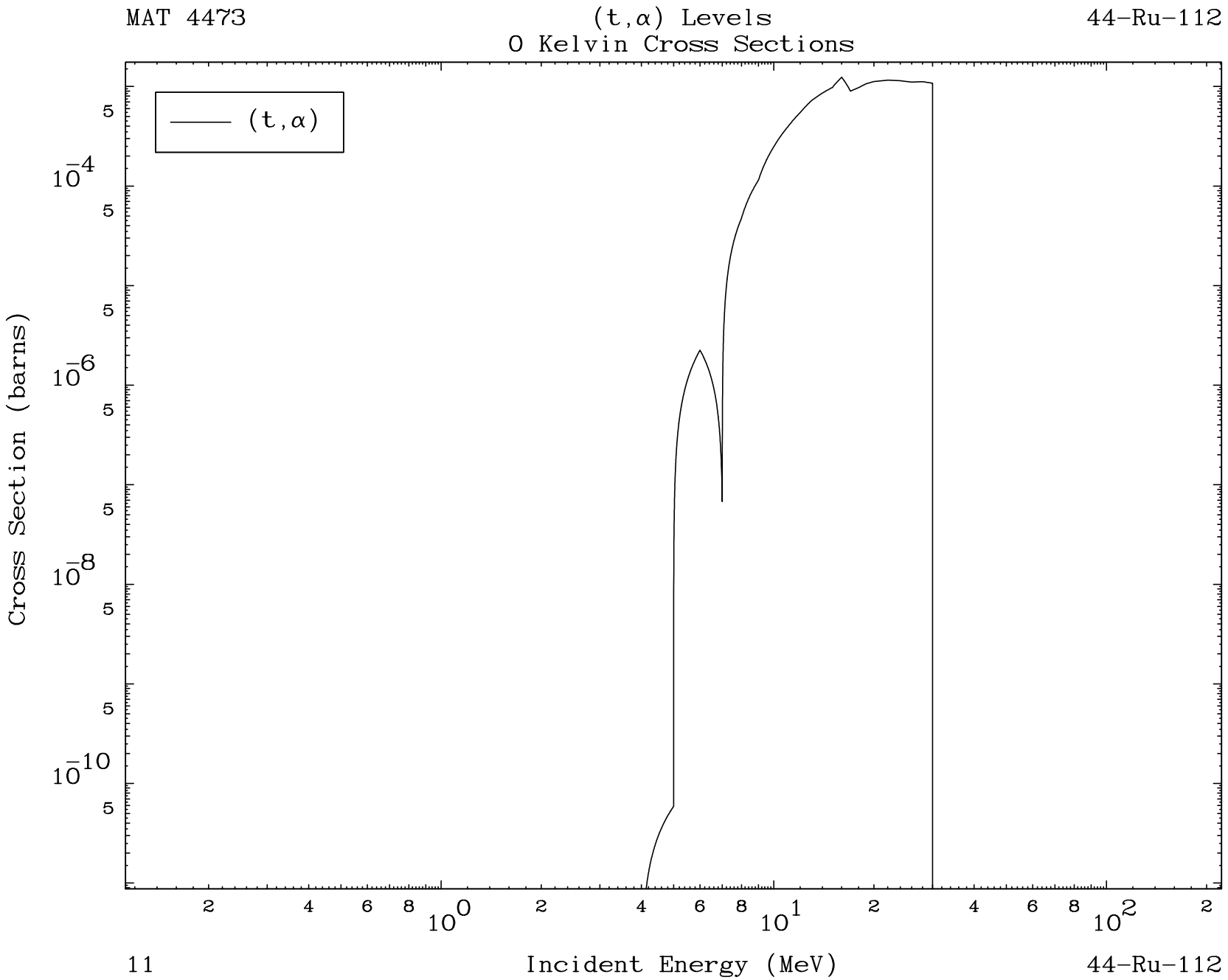

MAT 4473
(t,n') Level
44-Ru-112
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
44-Ru-112

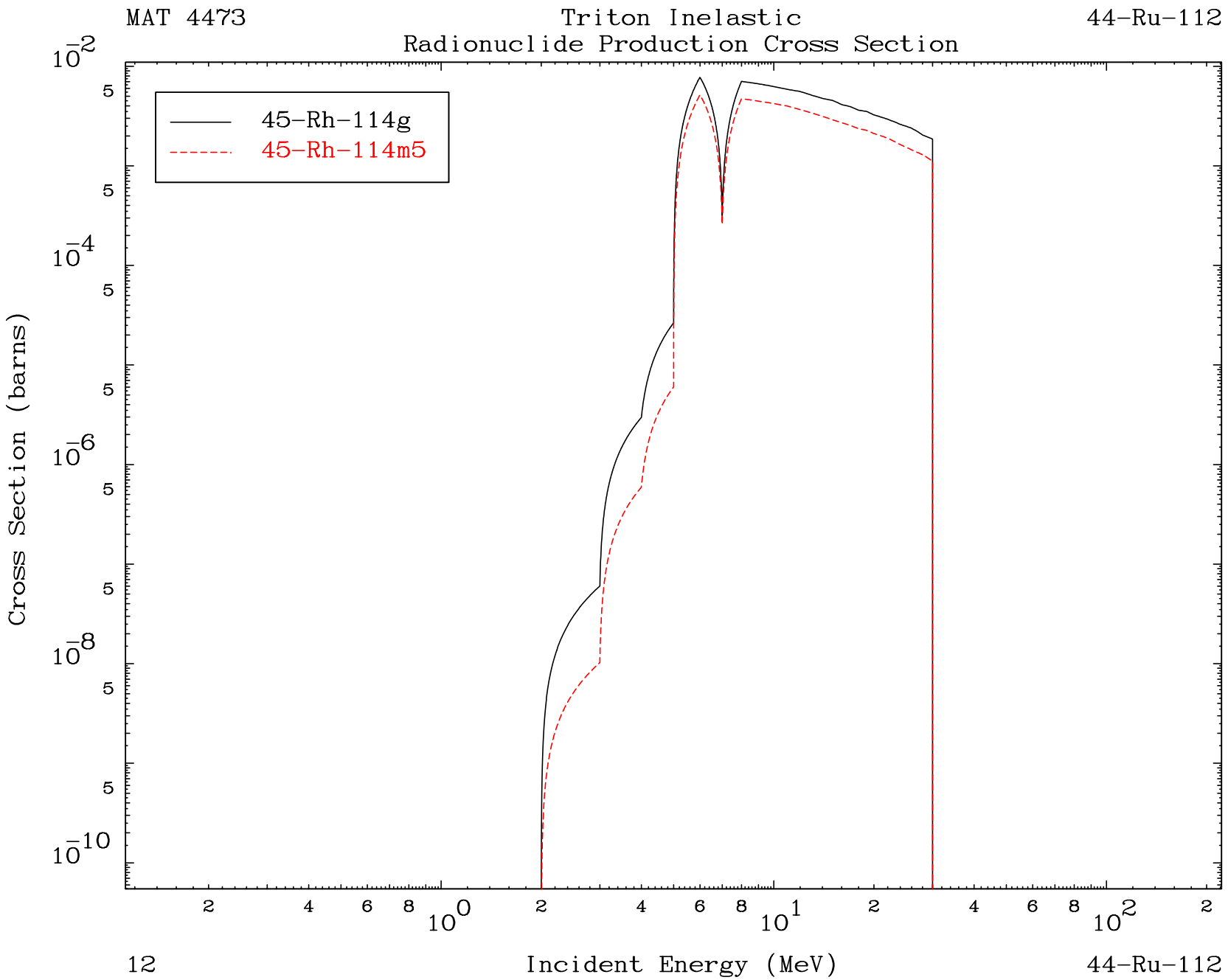

0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)

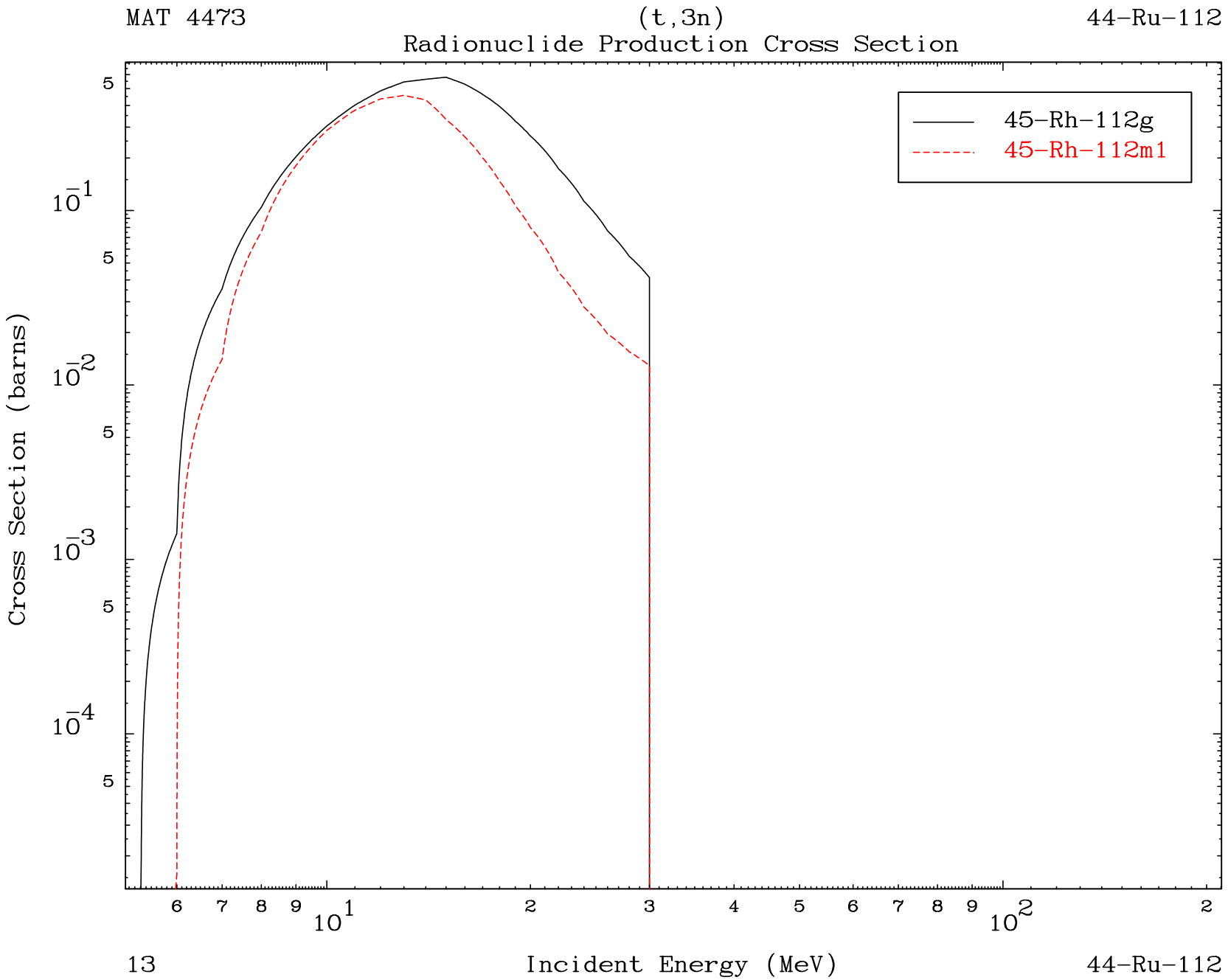

0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
Incident Energy (MeV)


0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)


MAT 4473
(t,He3) Levels
44-Ru-112
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
44-Ru-112


MAT 4473
(t,α) Levels
44-Ru-112
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
44-Ru-112


MAT 4473
Triton Inelastic
44-Ru-112
Radionuclide Production Cross Section
45-Rh-114g
45-Rh-114m5
Cross Section (barns)
Incident Energy (MeV)
12
44-Ru-112


MAT 4473
(t,3n)
44-Ru-112
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
Incident Energy (MeV)
13
44-Ru-112