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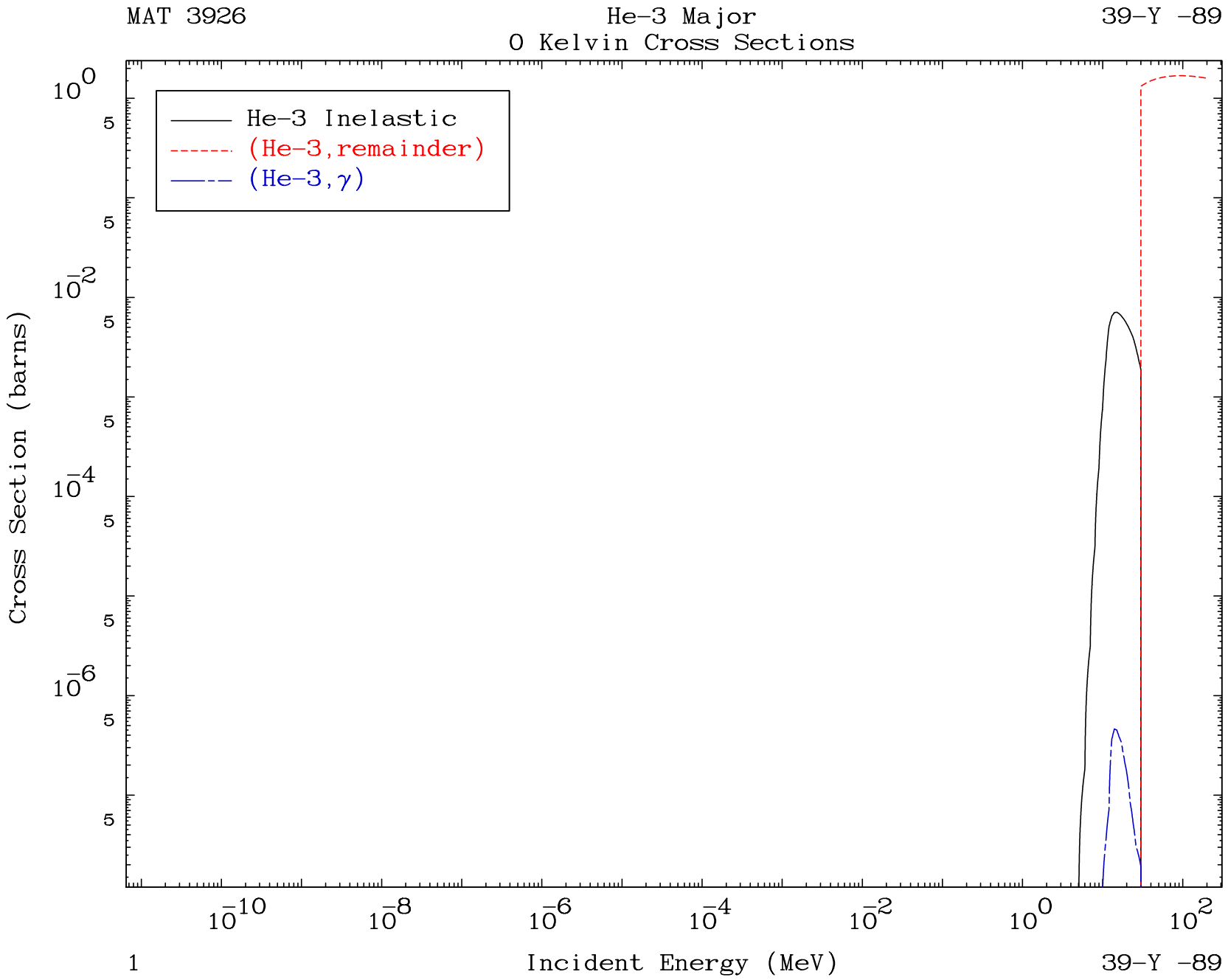
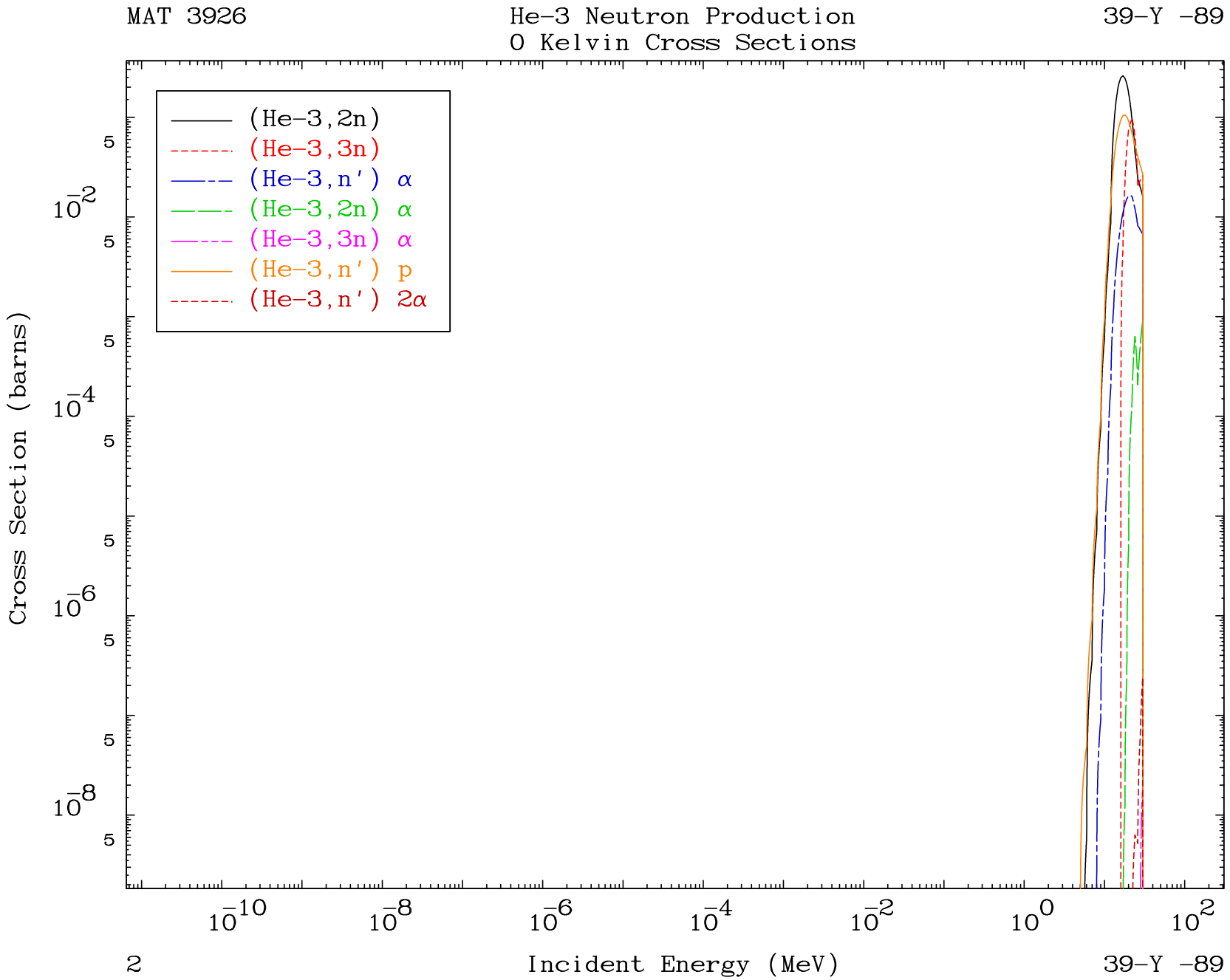
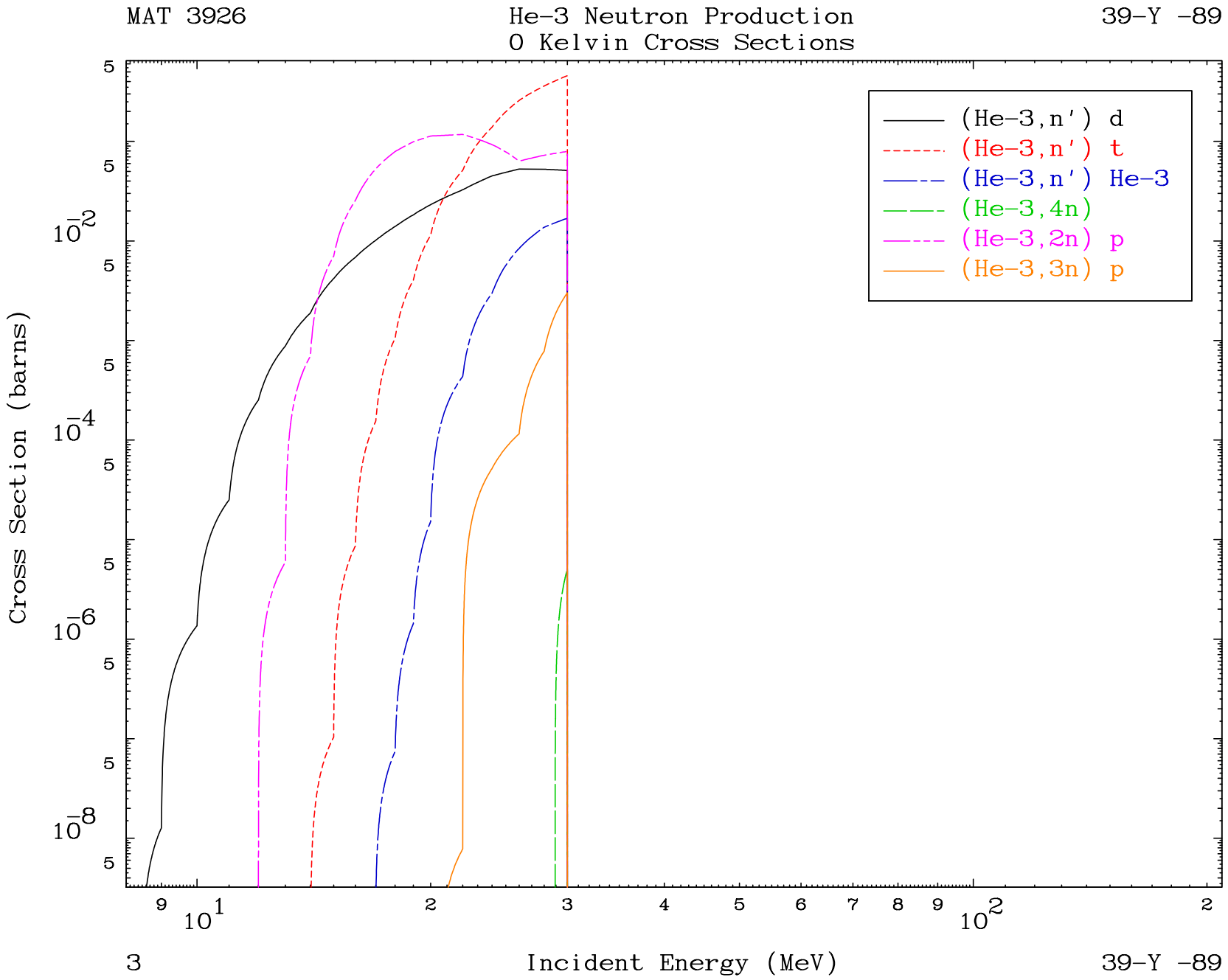
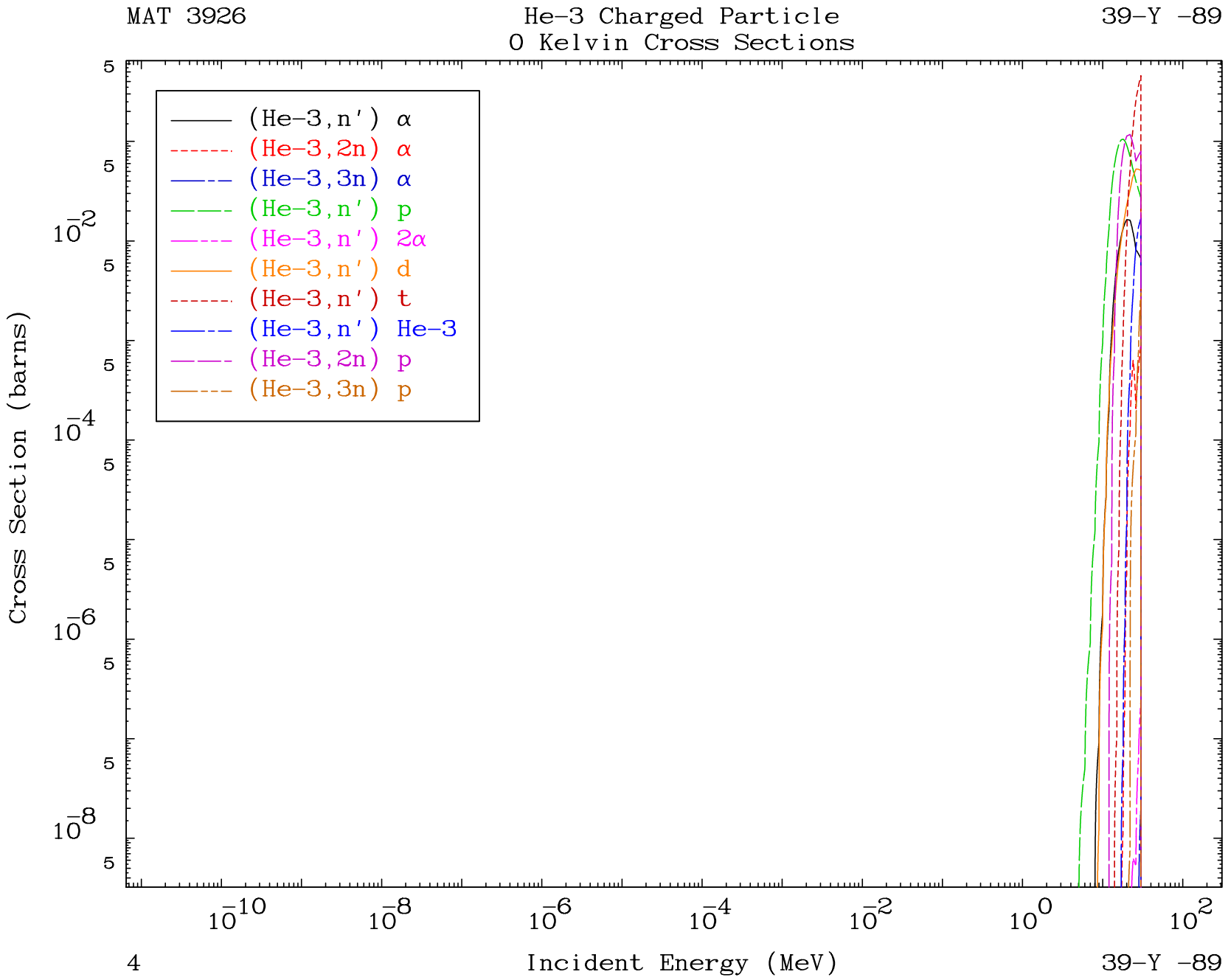
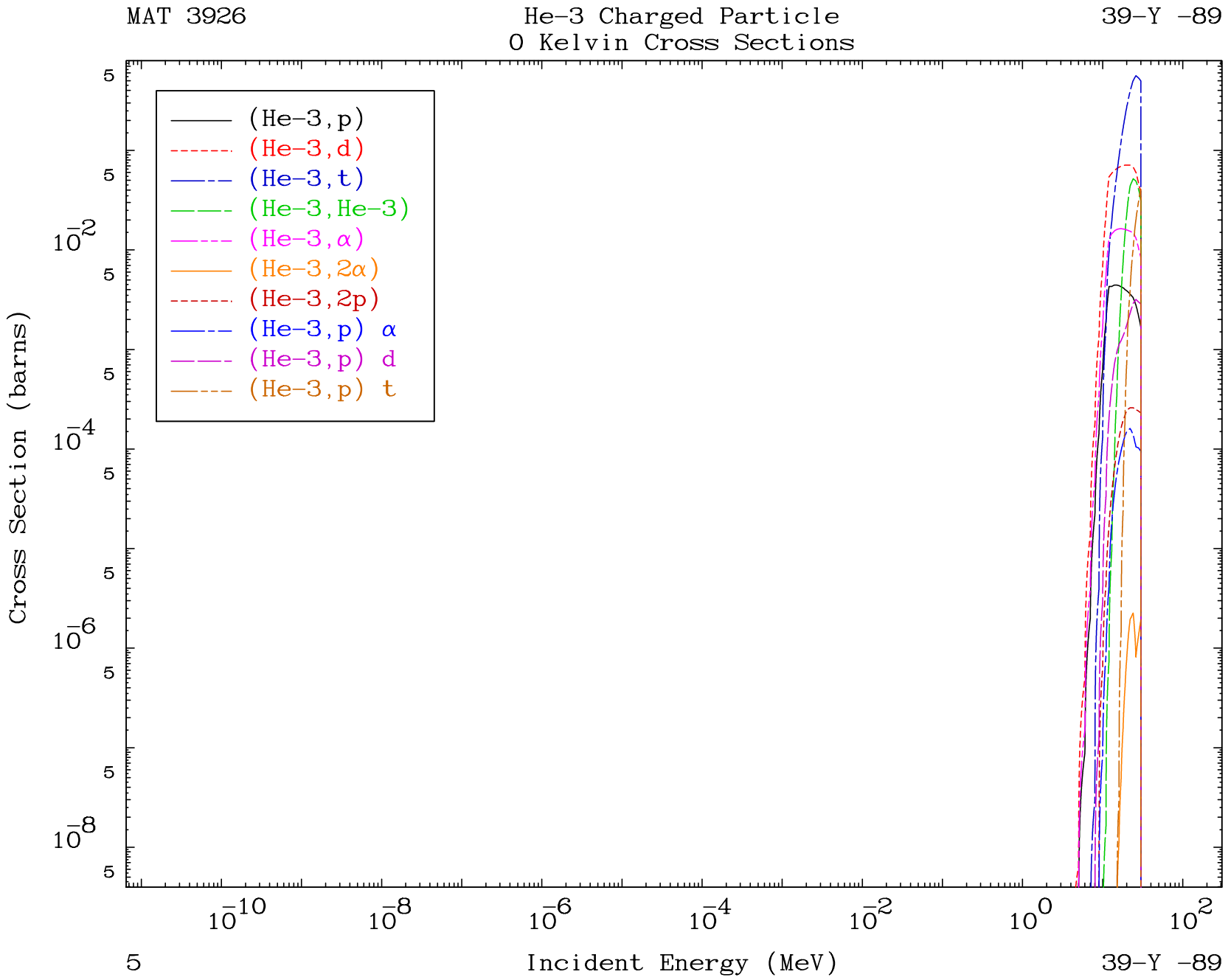
Press Mouse Button to Start

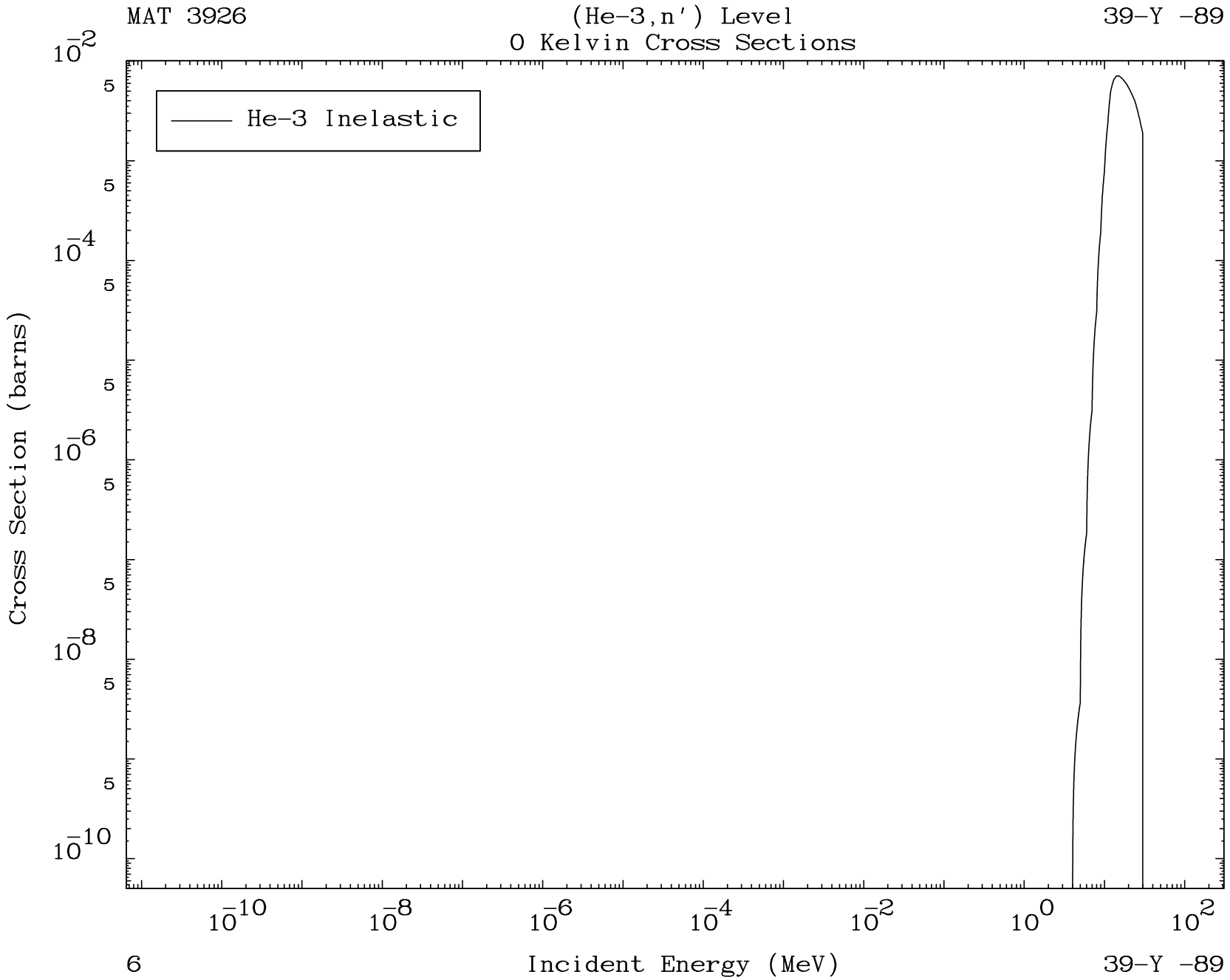

MAT 3926
He-3 Major
39-Y -89
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
39-Y -89

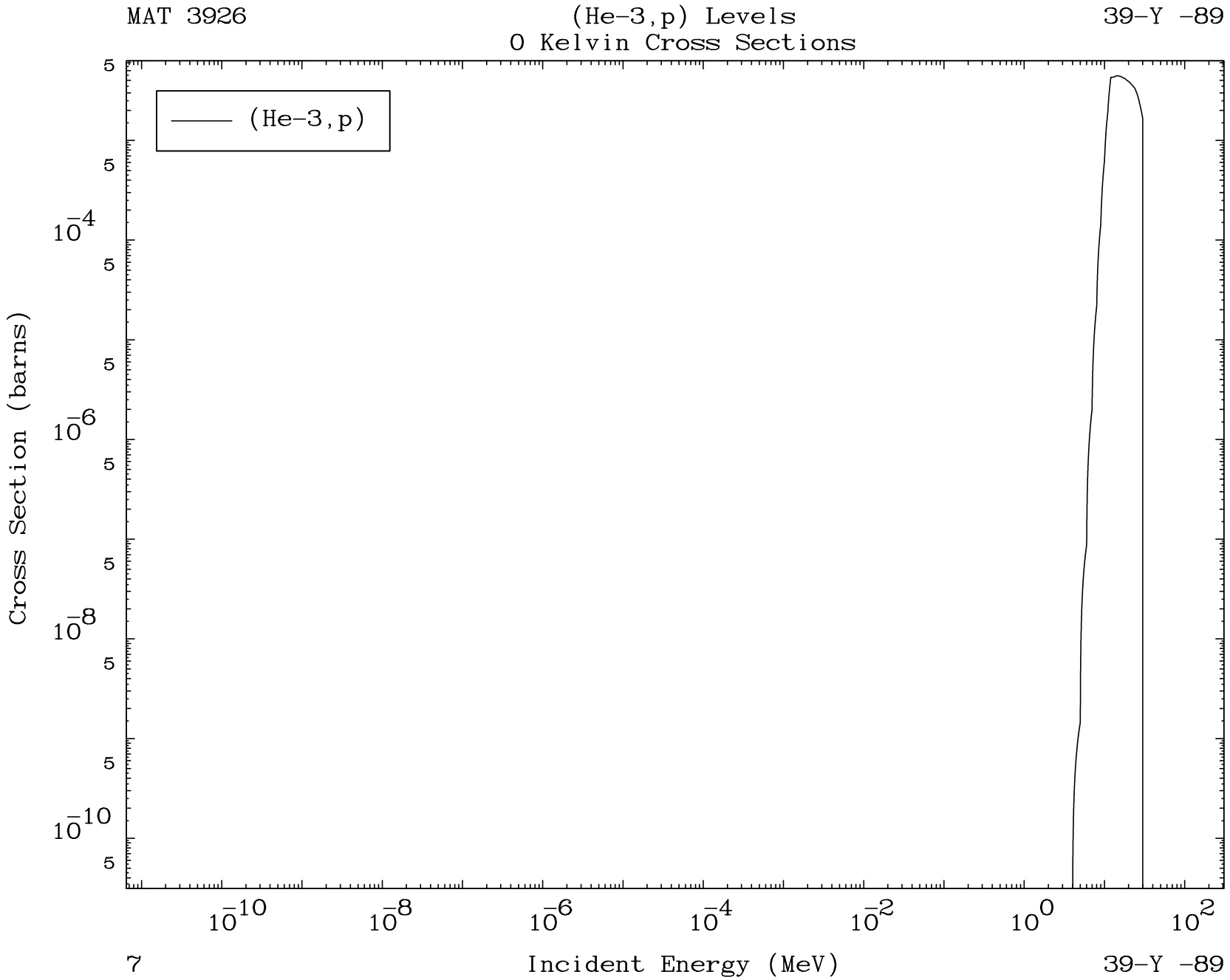

MAT 3926
He-3 Neutron Production
0 Kelvin Cross Sections
39-Y -89
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
39-Y -89

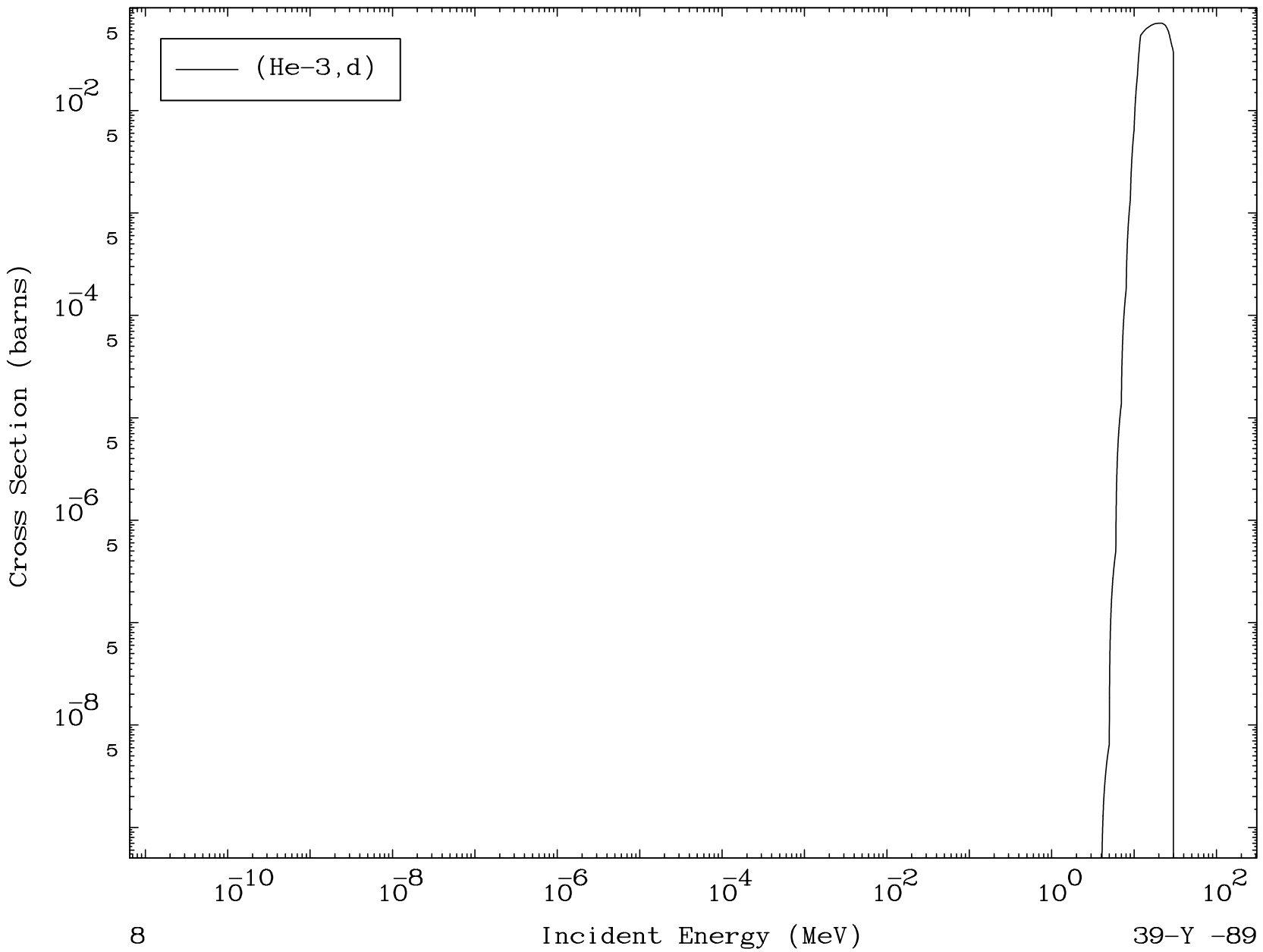

MAT 3926
He-3 Neutron Production
0 Kelvin Cross Sections
39-Y -89
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
39-Y -89

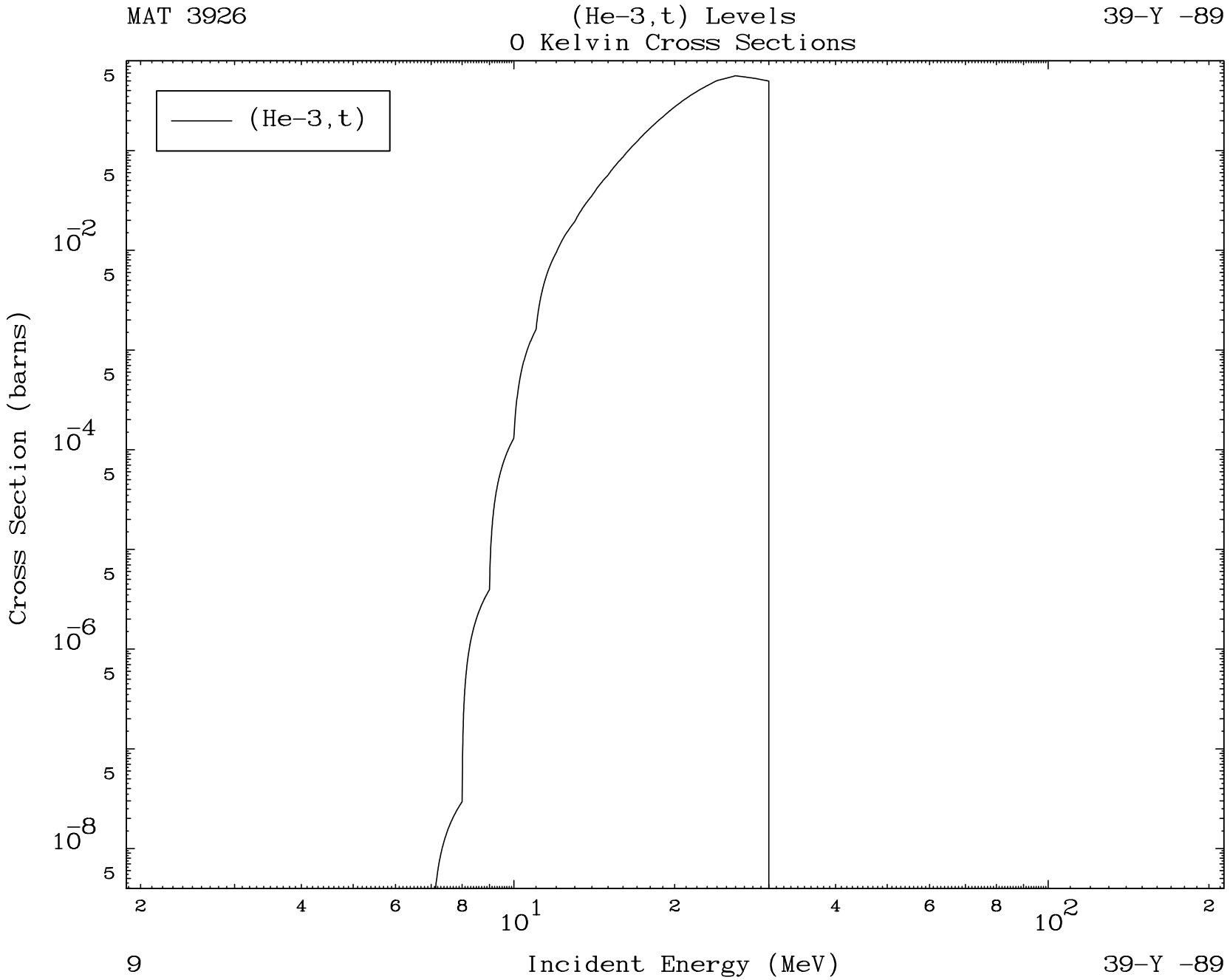

MAT 3926
He-3 Charged Particle
0 Kelvin Cross Sections
39-Y -89
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
39-Y -89

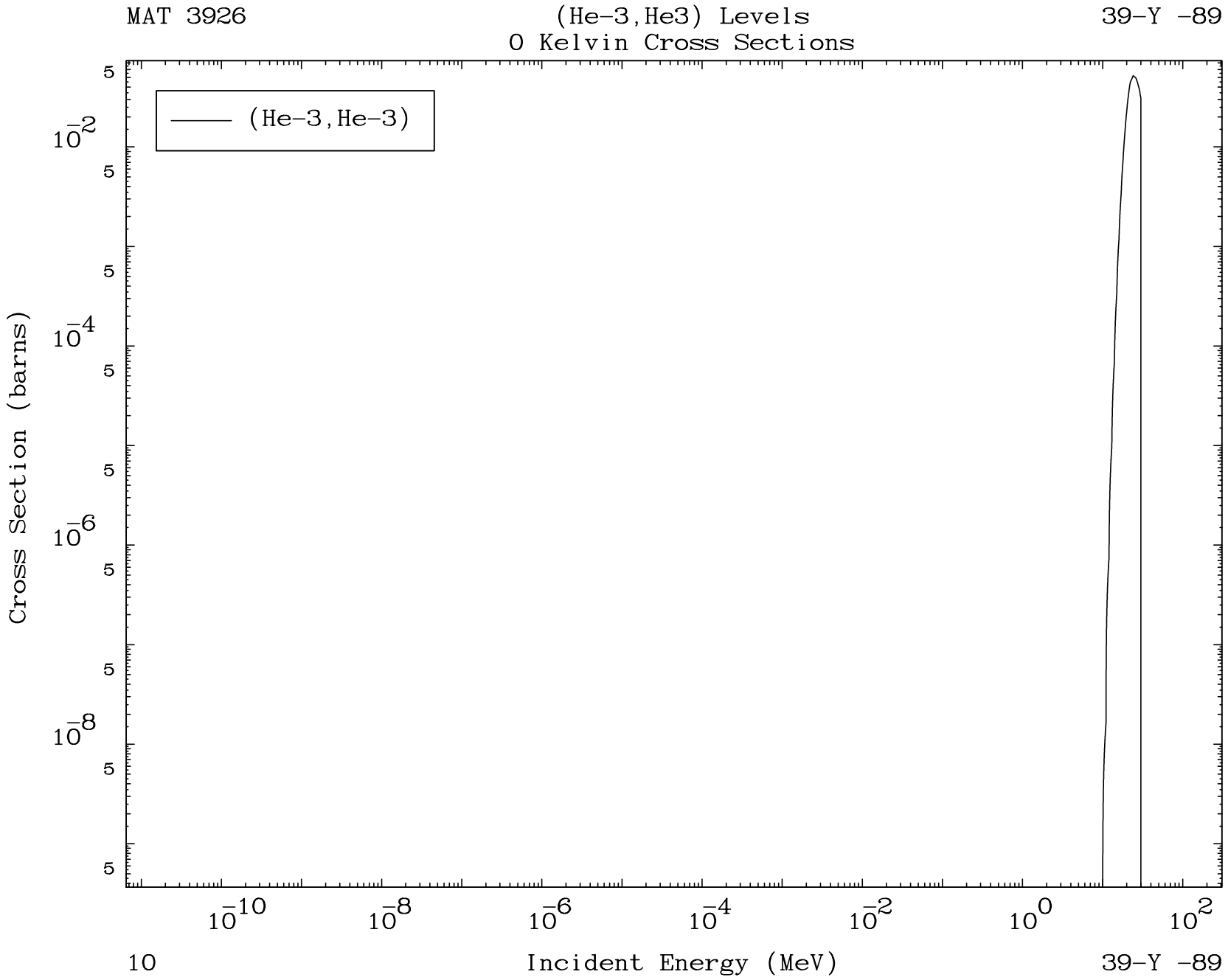

MAT 3926
He-3 Charged Particle
0 Kelvin Cross Sections
39-Y -89
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
39-Y -89

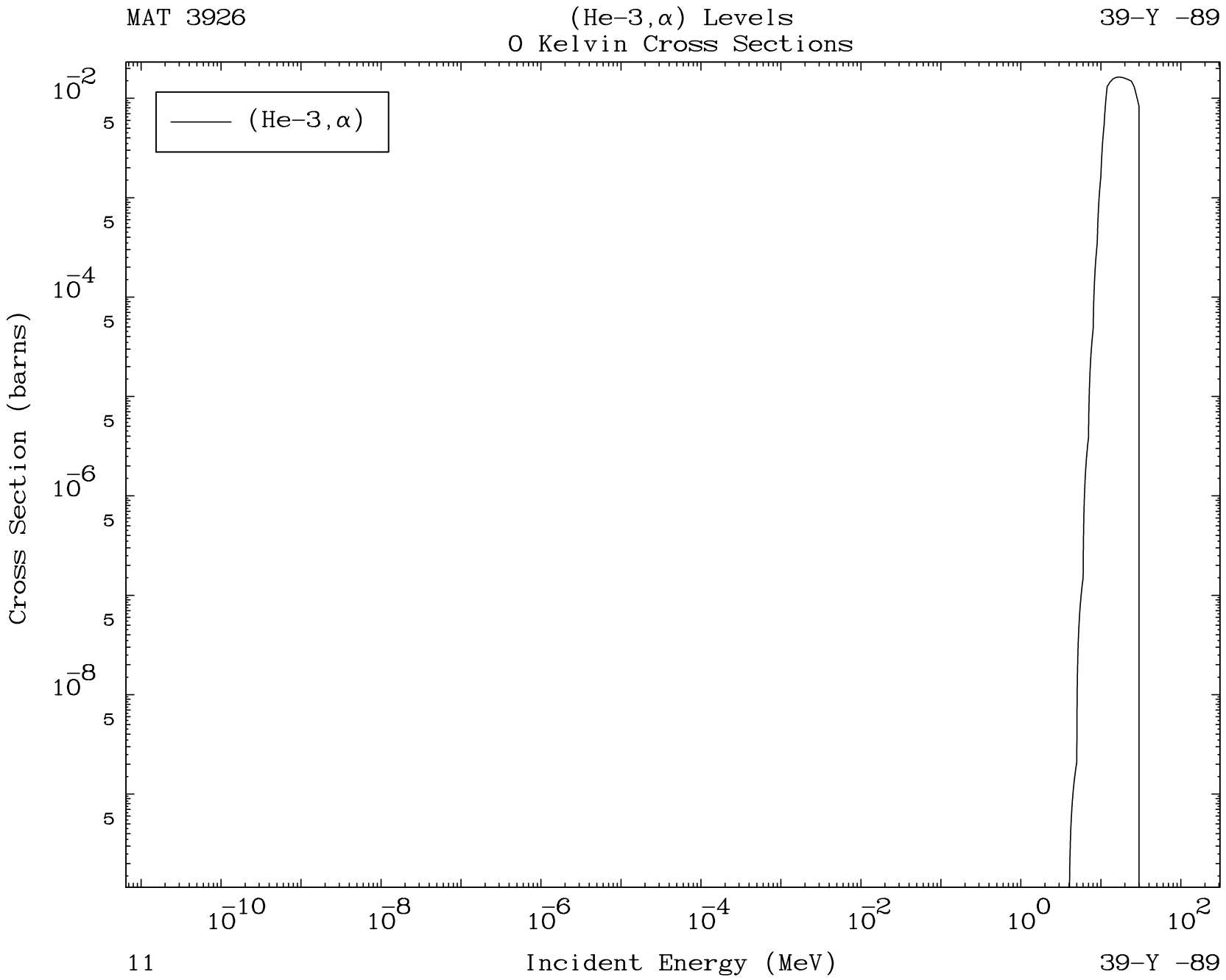

MAT 3926
(He-3,n') Level
39-Y -89
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
39-Y -89

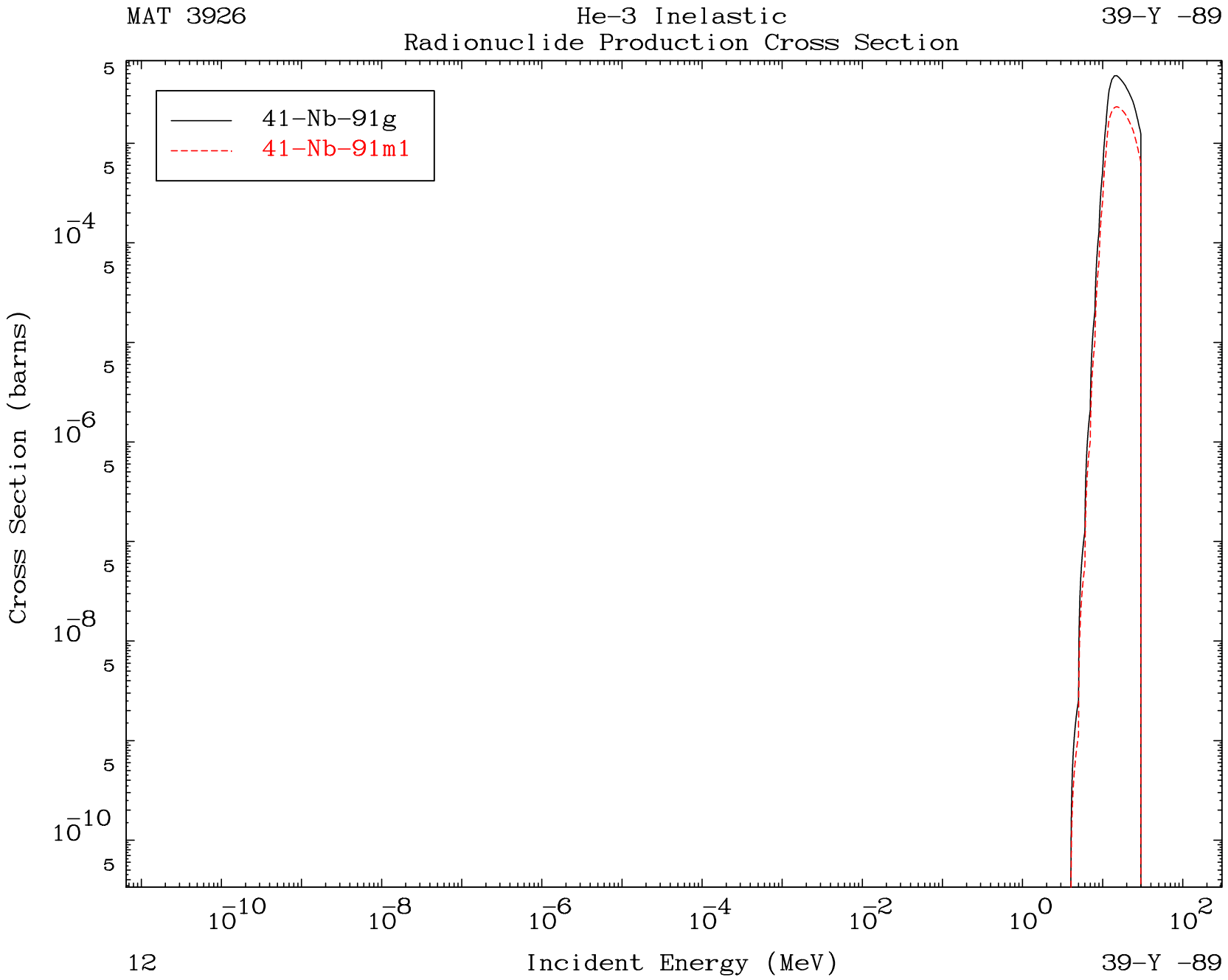

MAT 3926
(He-3,p) Levels
39-Y -89
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
39-Y -89

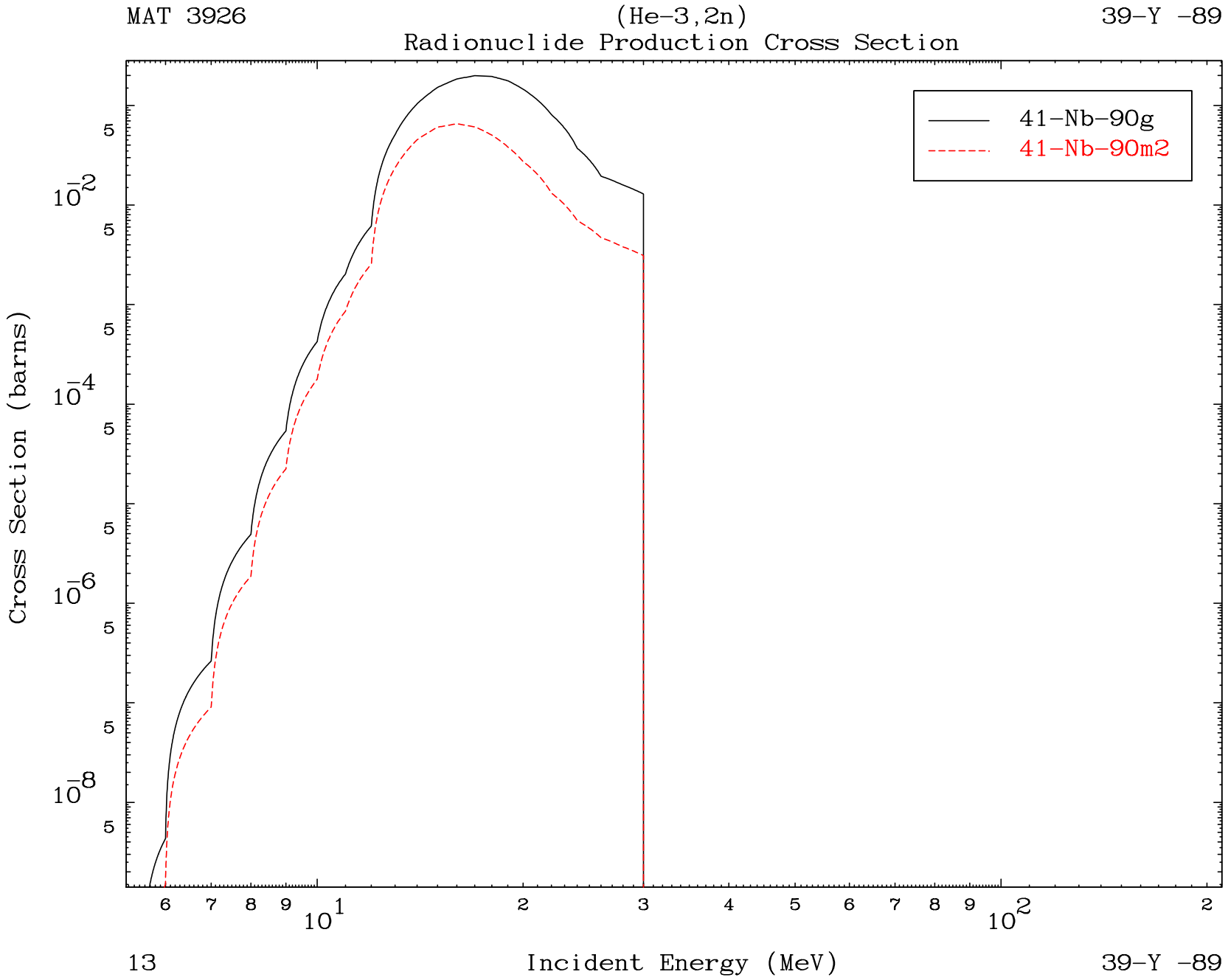

0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)

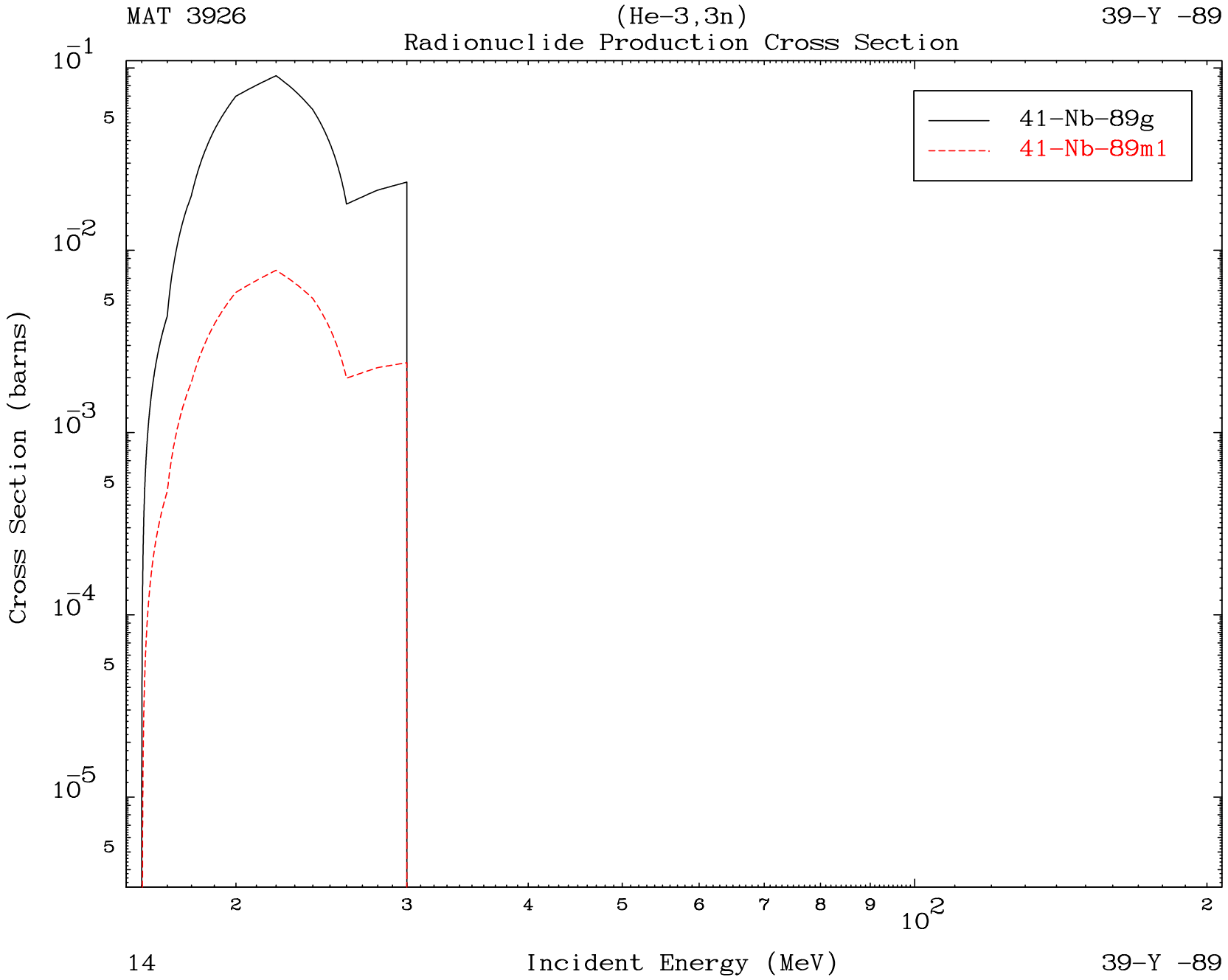

MAT 3926
(He-3,t) Levels
39-Y -89
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
39-Y -89

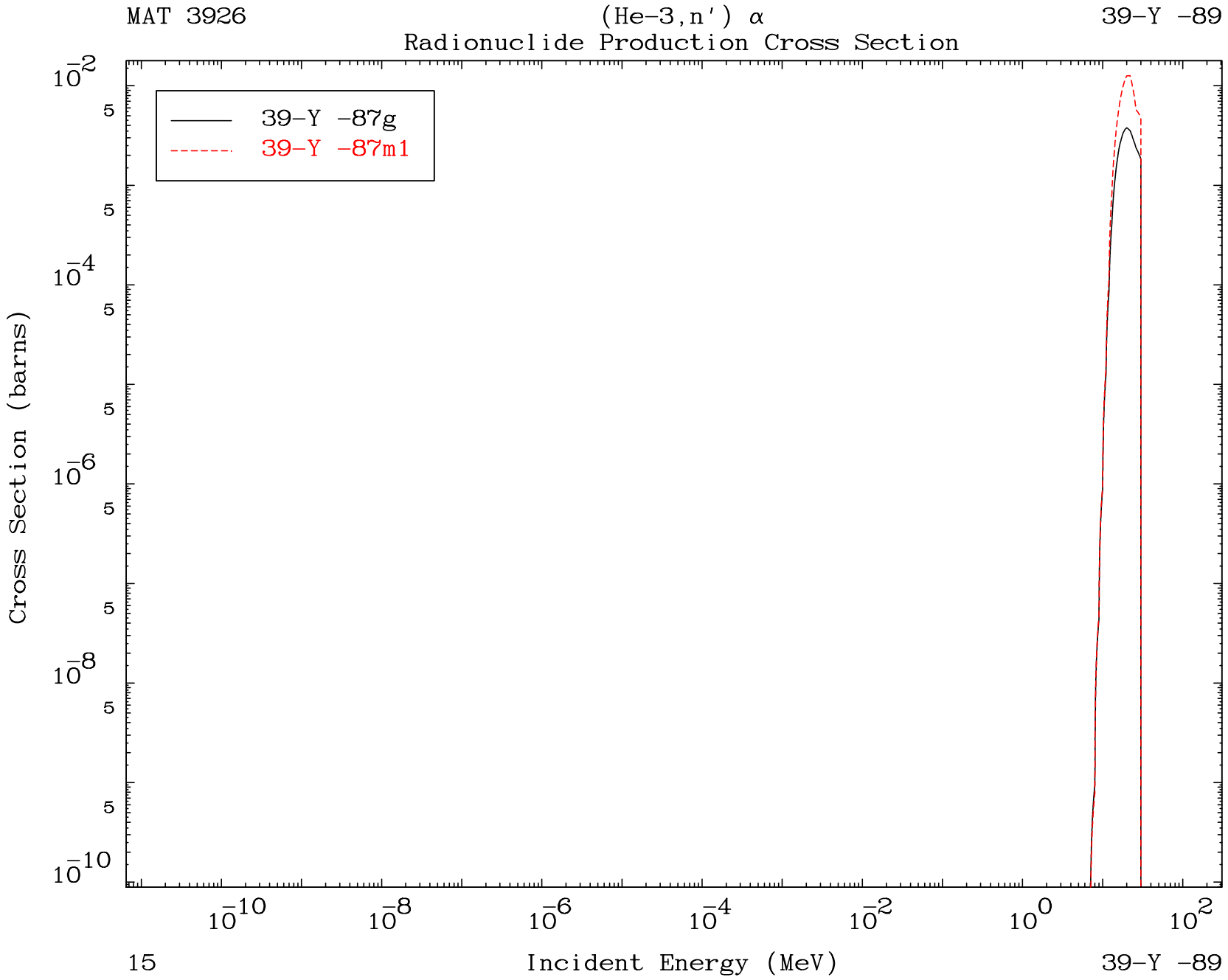

MAT 3926
(He-3,He3) Levels
39-Y -89
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
39-Y -89

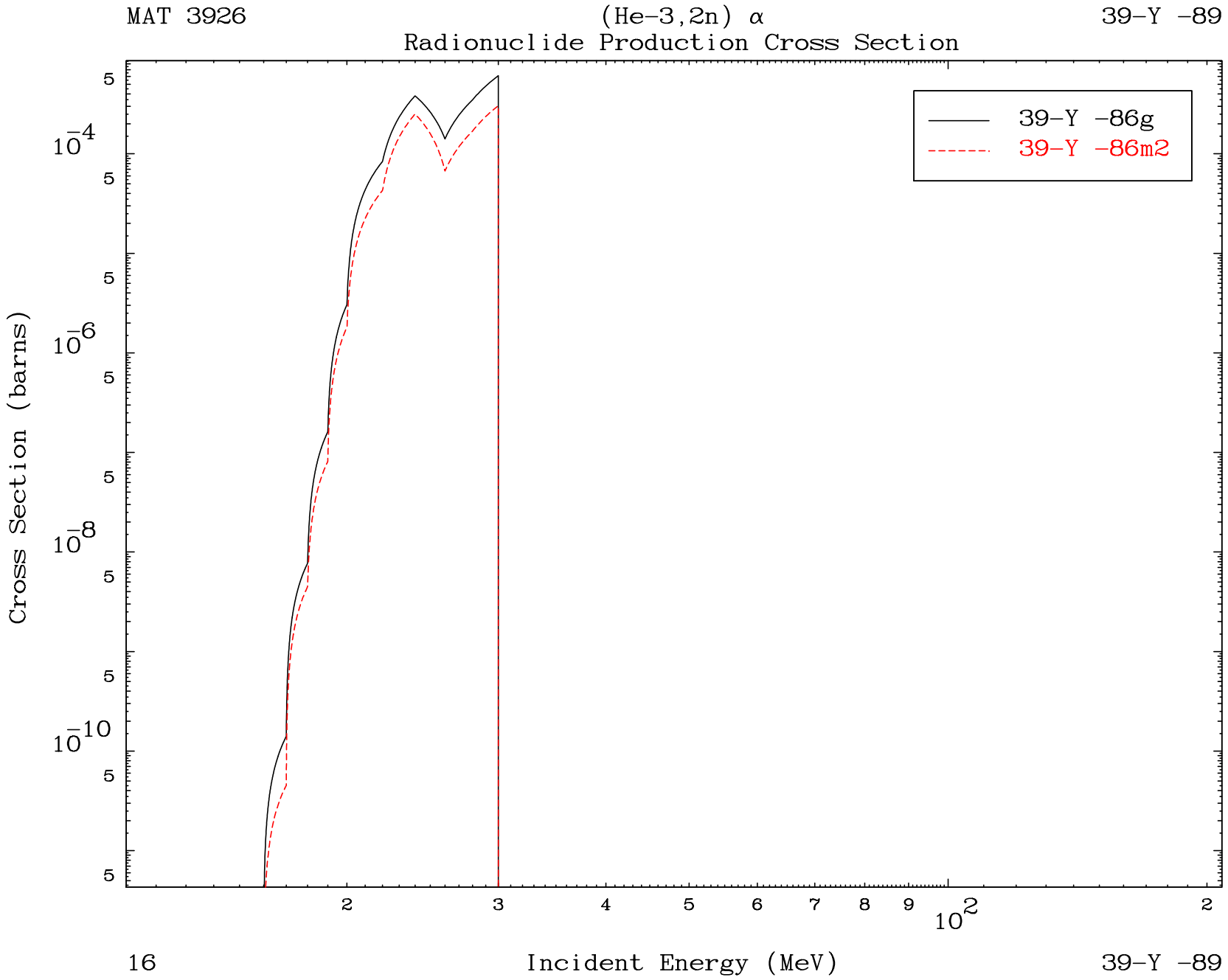

MAT 3926
(He-3,α) Levels
39-Y -89
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
39-Y -89

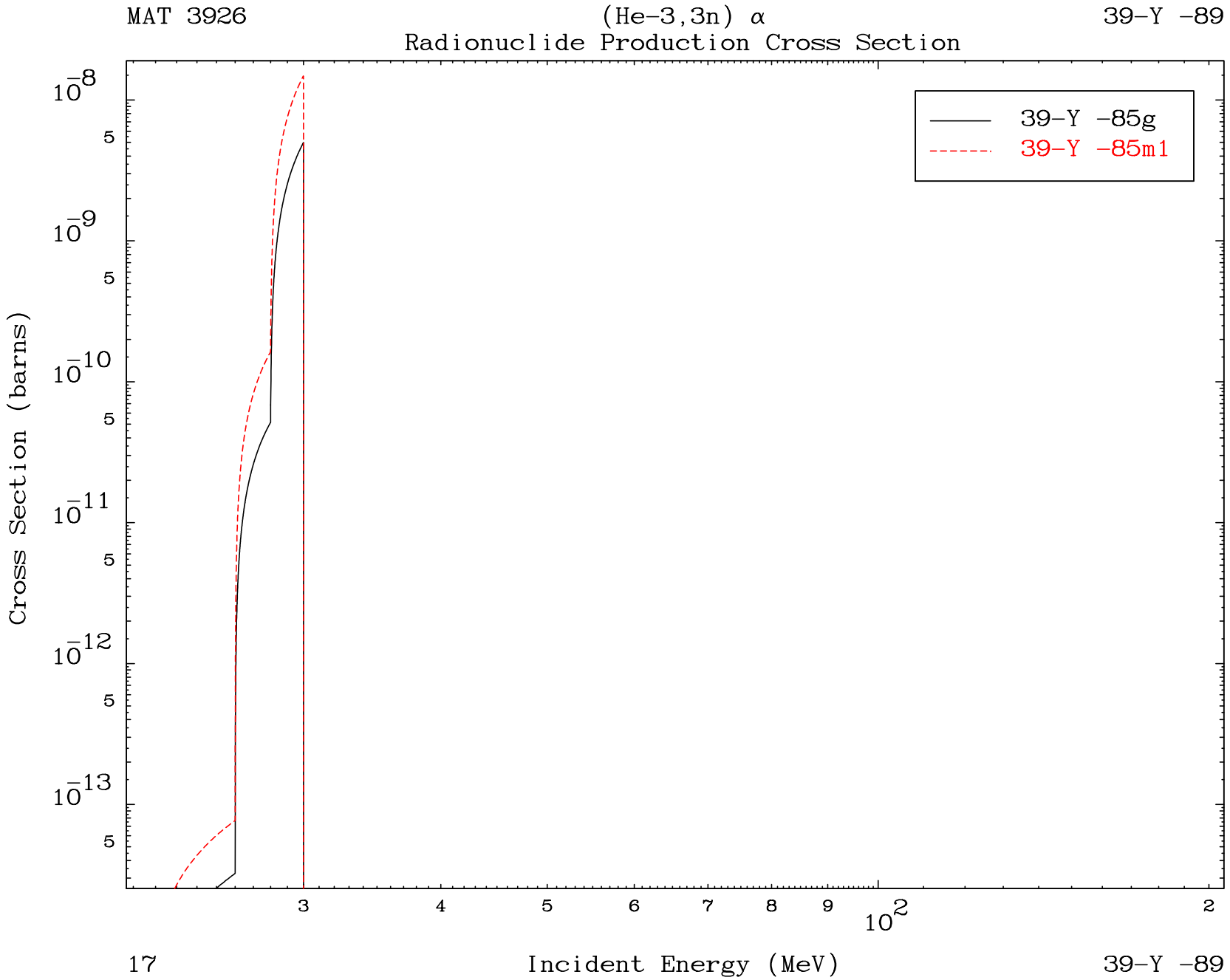

MAT 3926
He-3 Inelastic
39-Y -89
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
12
39-Y -89

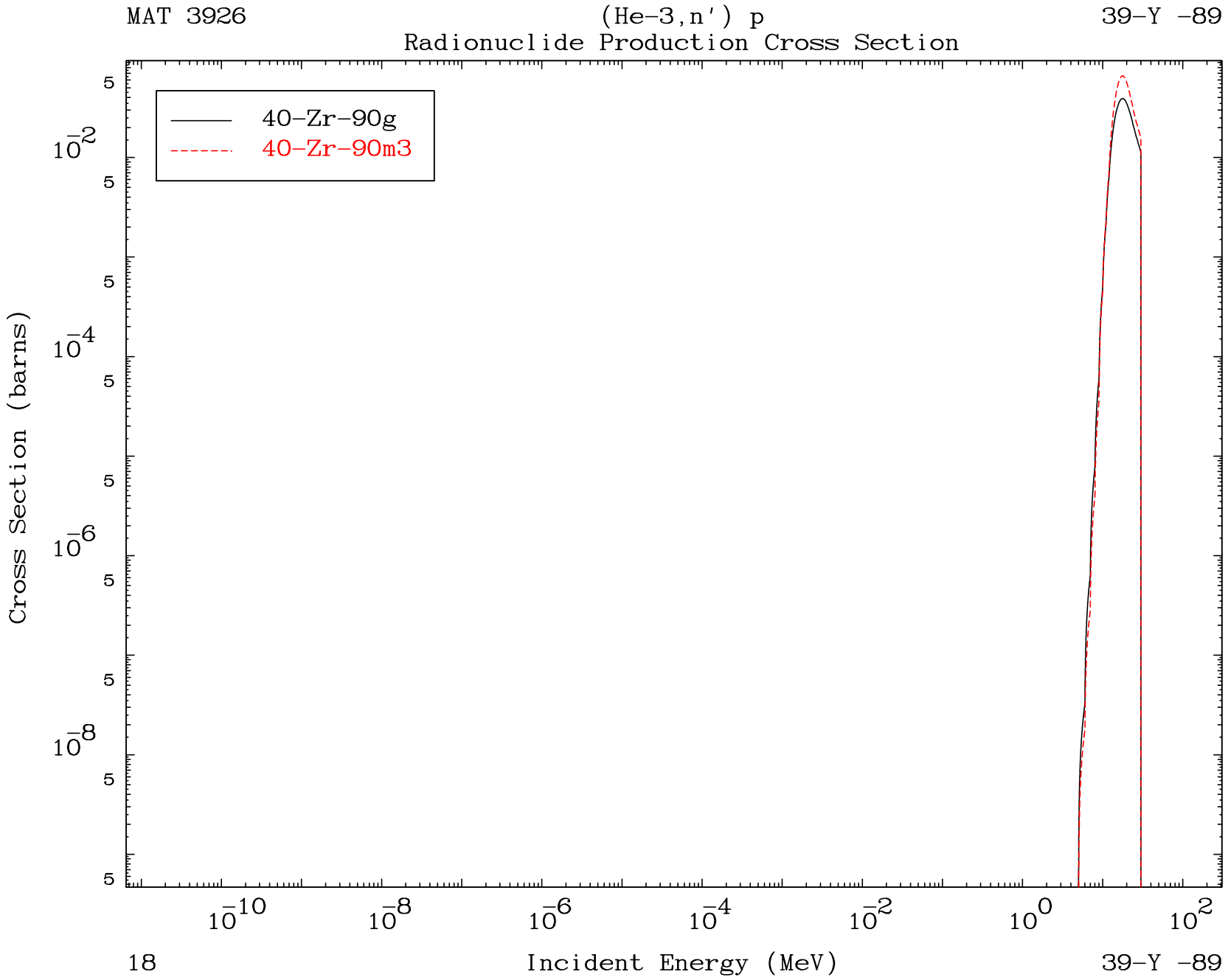

MAT 3926
(He-3,2n)
39-Y -89
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
10-2
10-4
10-6
10-8
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
13
Incident Energy (MeV)
39-Y -89

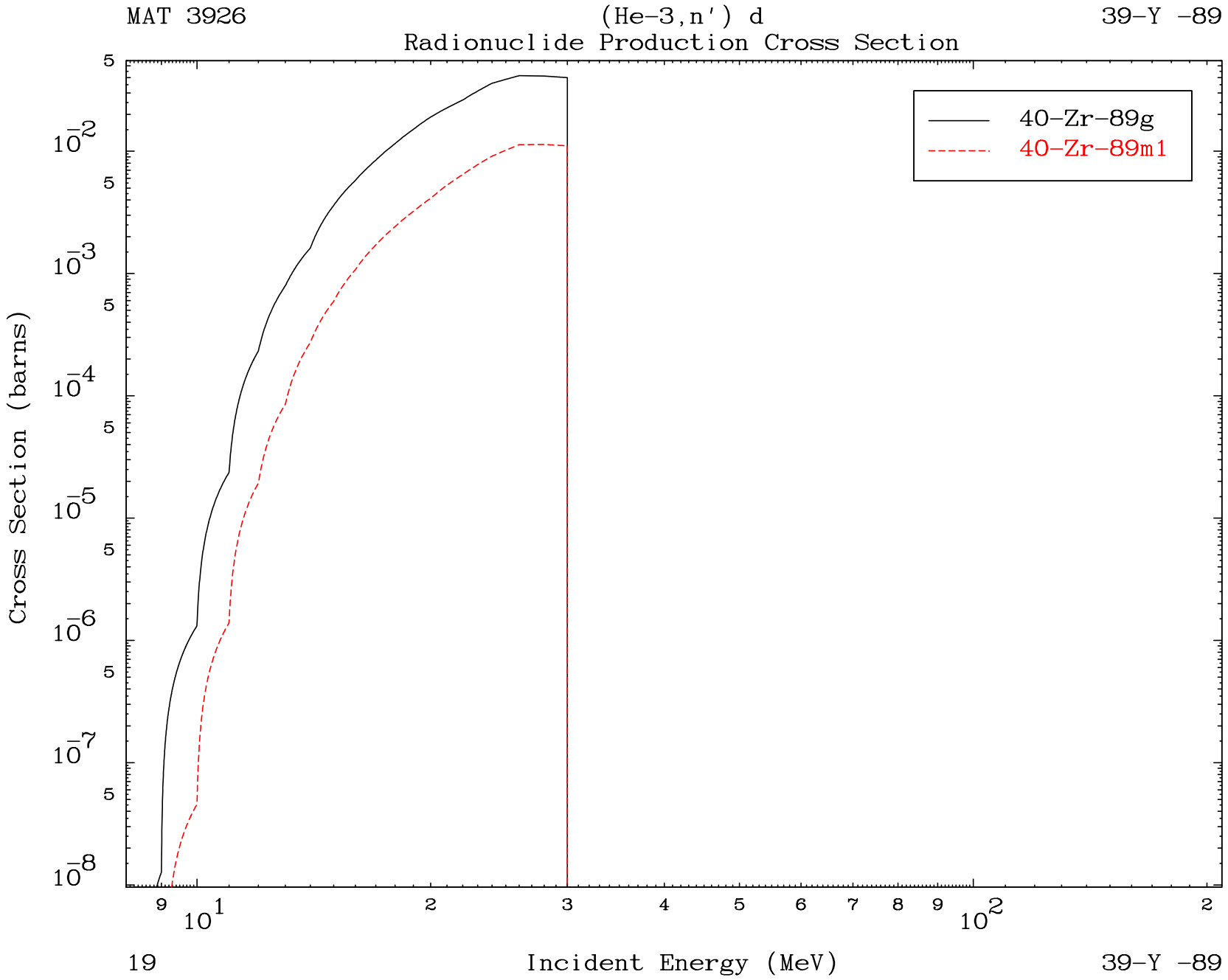

MAT 3926
(He-3,3n)
39-Y -89
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
Incident Energy (MeV)
14
39-Y -89

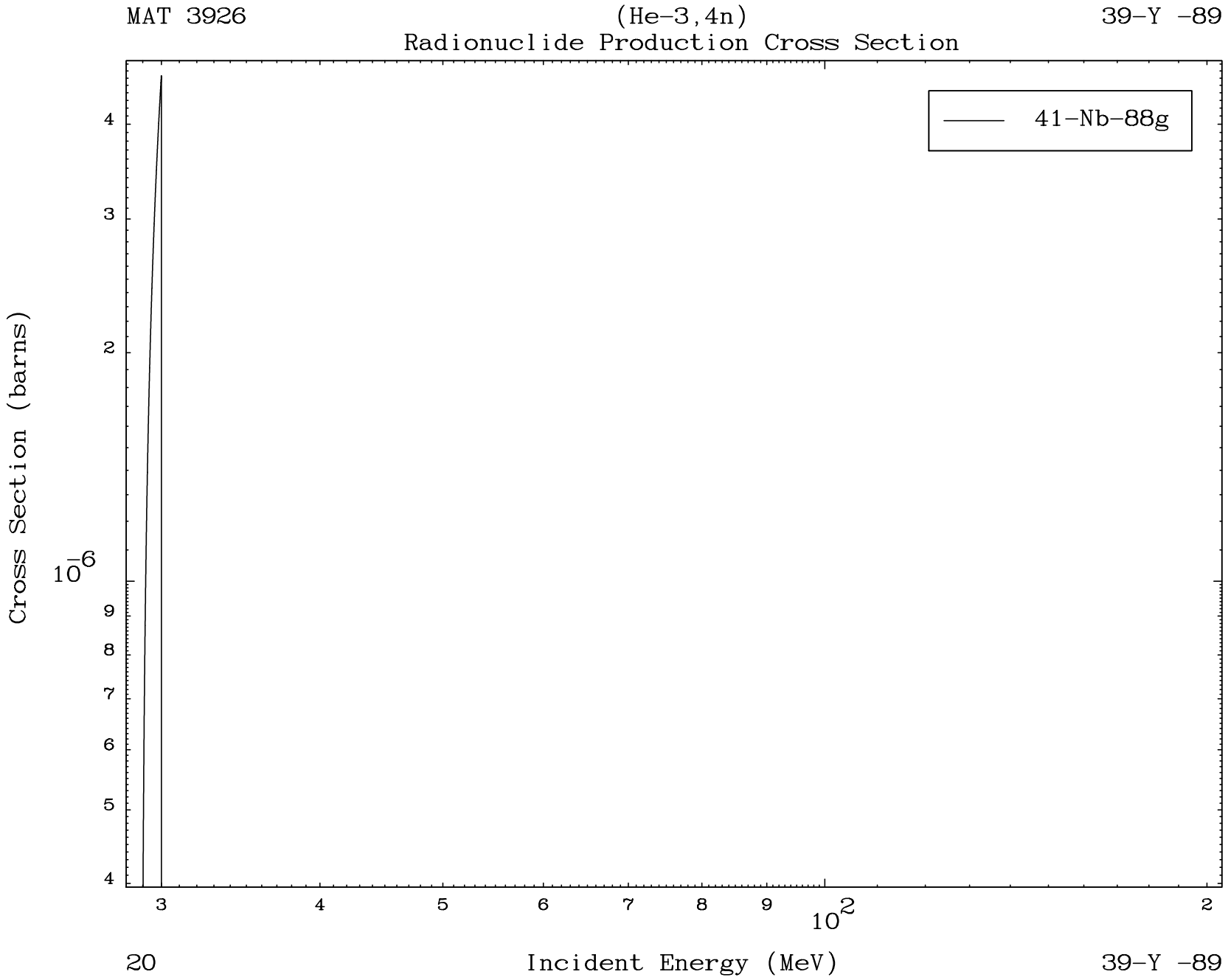

MAT 3926
(He-3,n') α
39-Y -89
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
15
39-Y -89

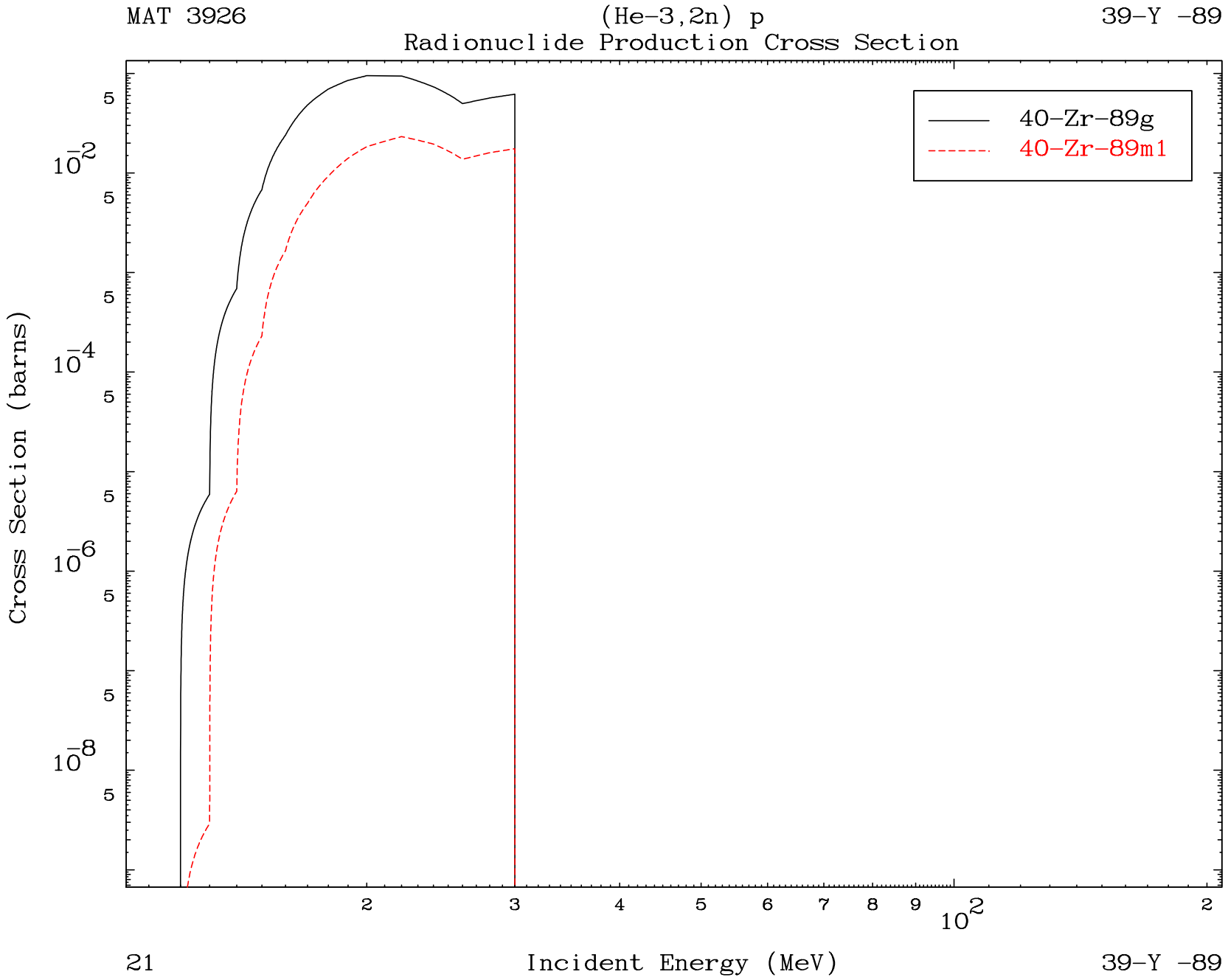

MAT 3926
(He-3,2n) α
39-Y -89
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
Incident Energy (MeV)
16
39-Y -89

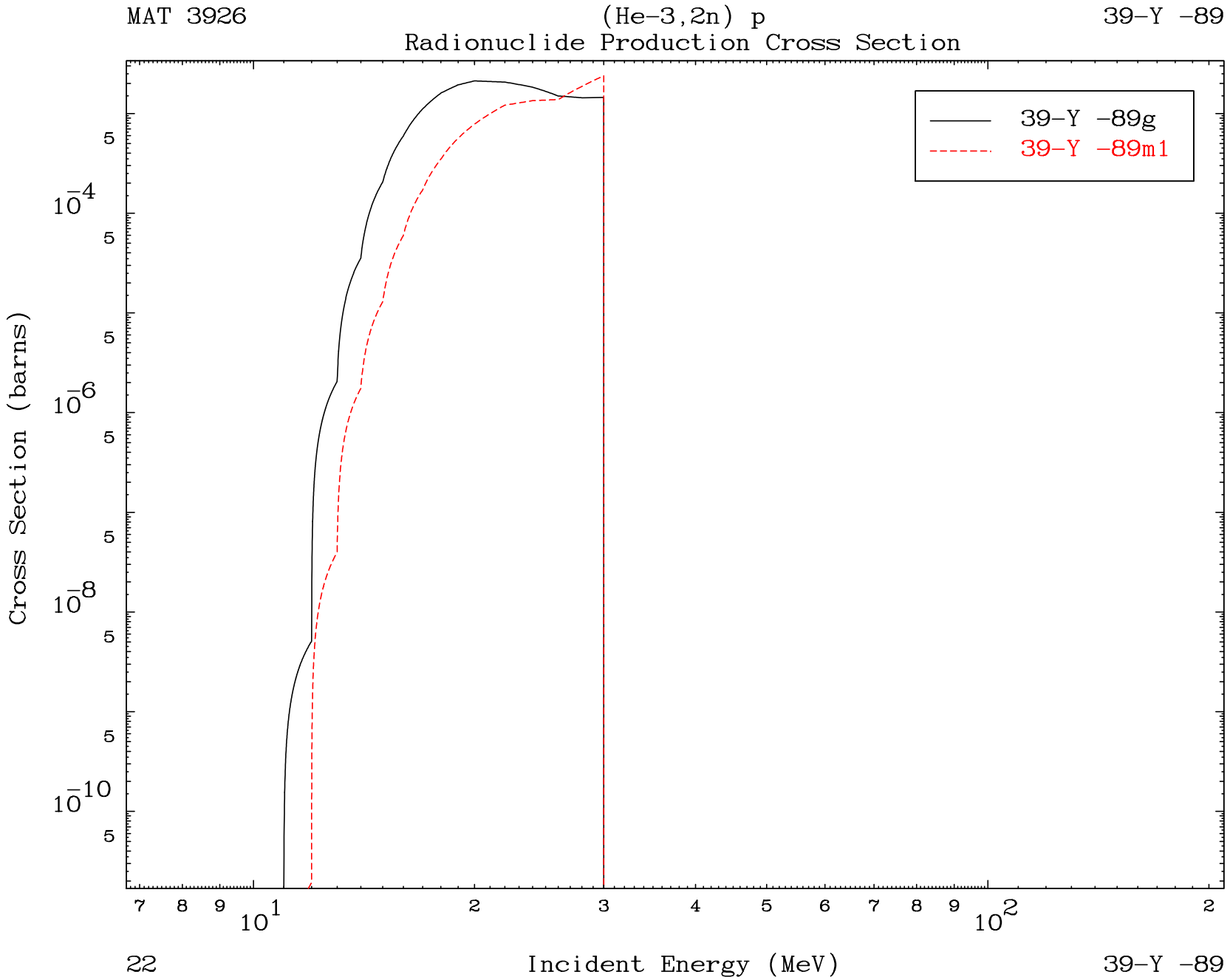

MAT 3926
(He-3,3n) α
39-Y -89
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
10-8
10-9
10-10
10-11
10-12
10-13
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
39-Y -89

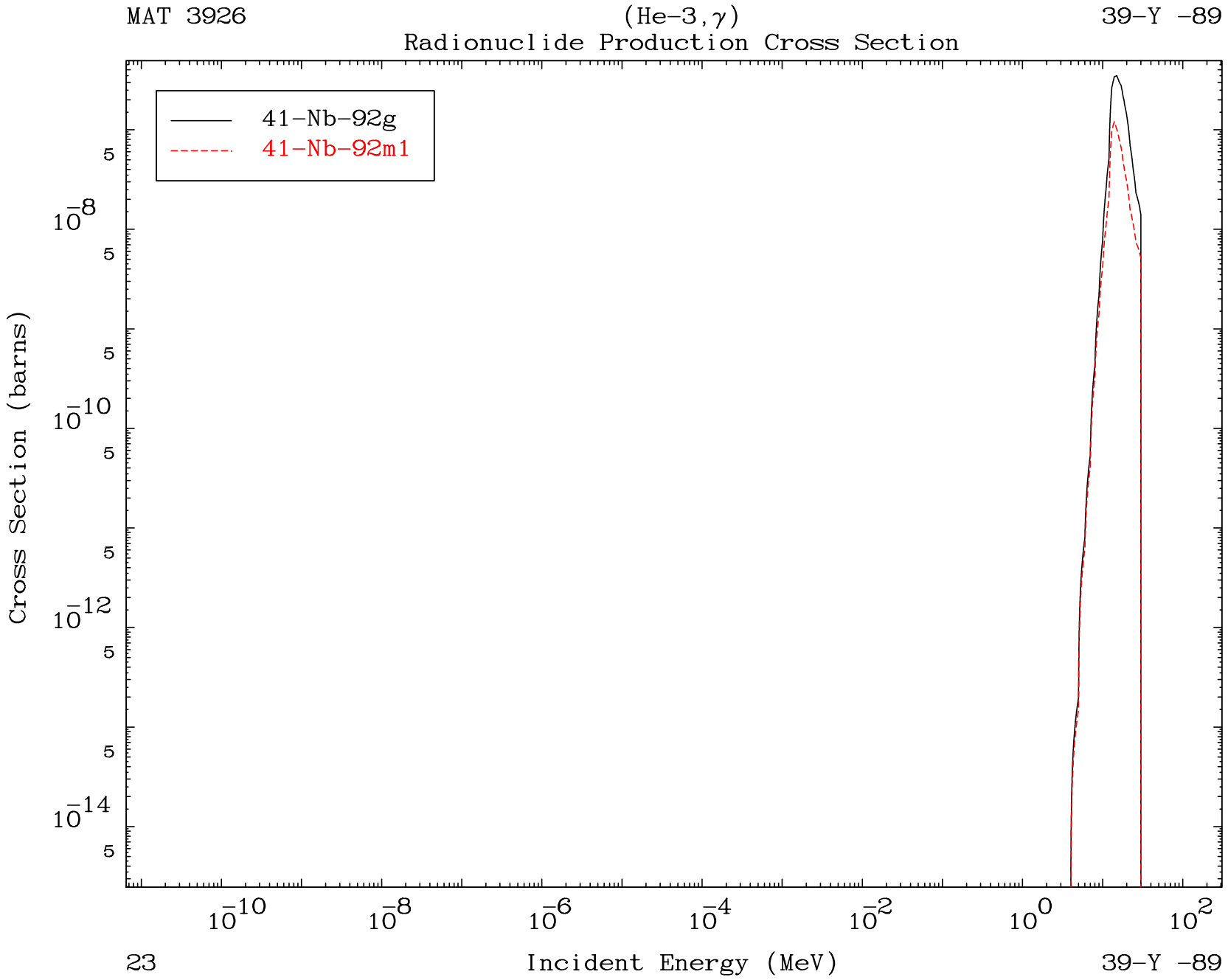

MAT 3926
(He-3,n') p
39-Y -89
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
18
39-Y -89

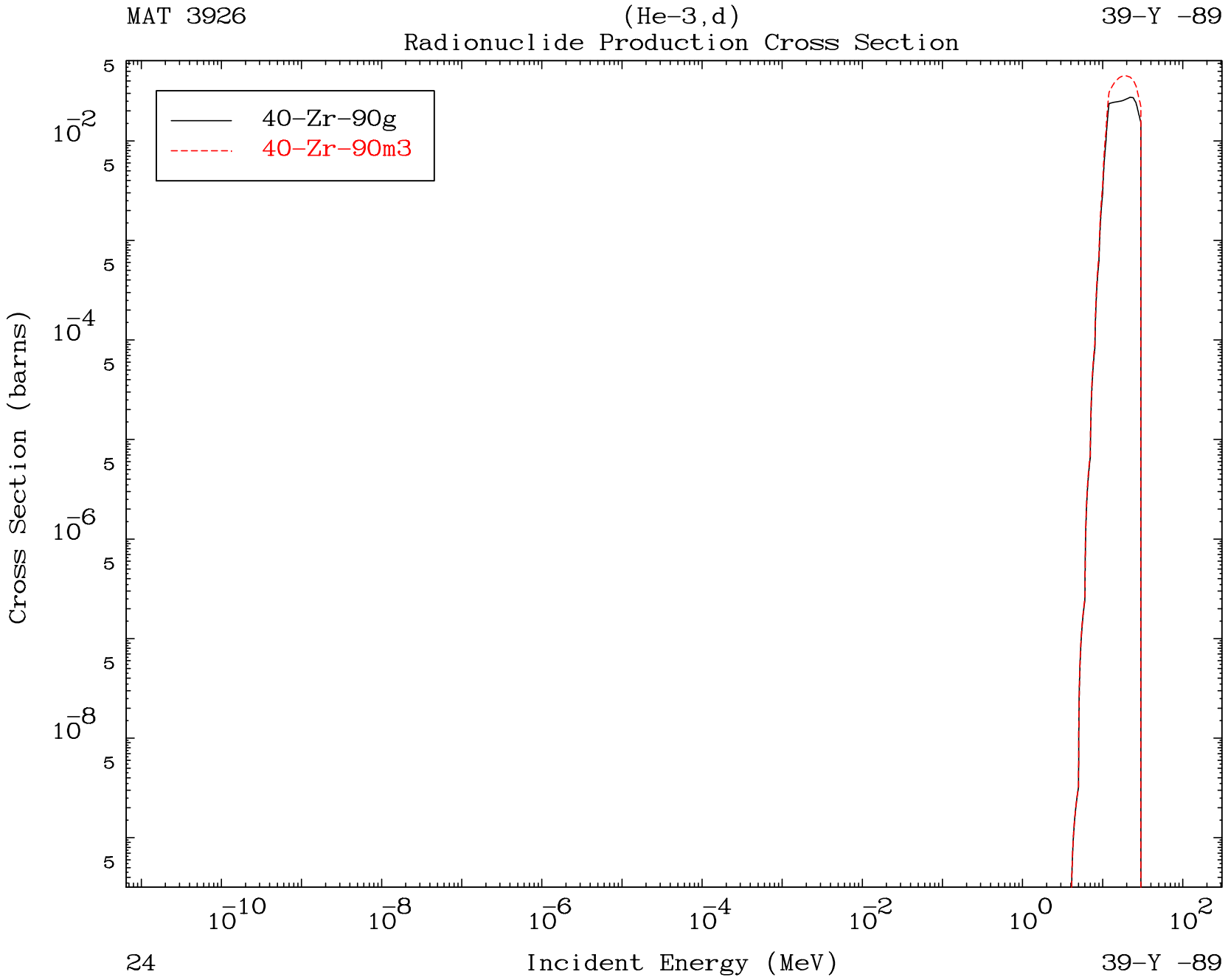

MAT 3926
(He-3,n') d
39-Y -89
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
19
39-Y -89

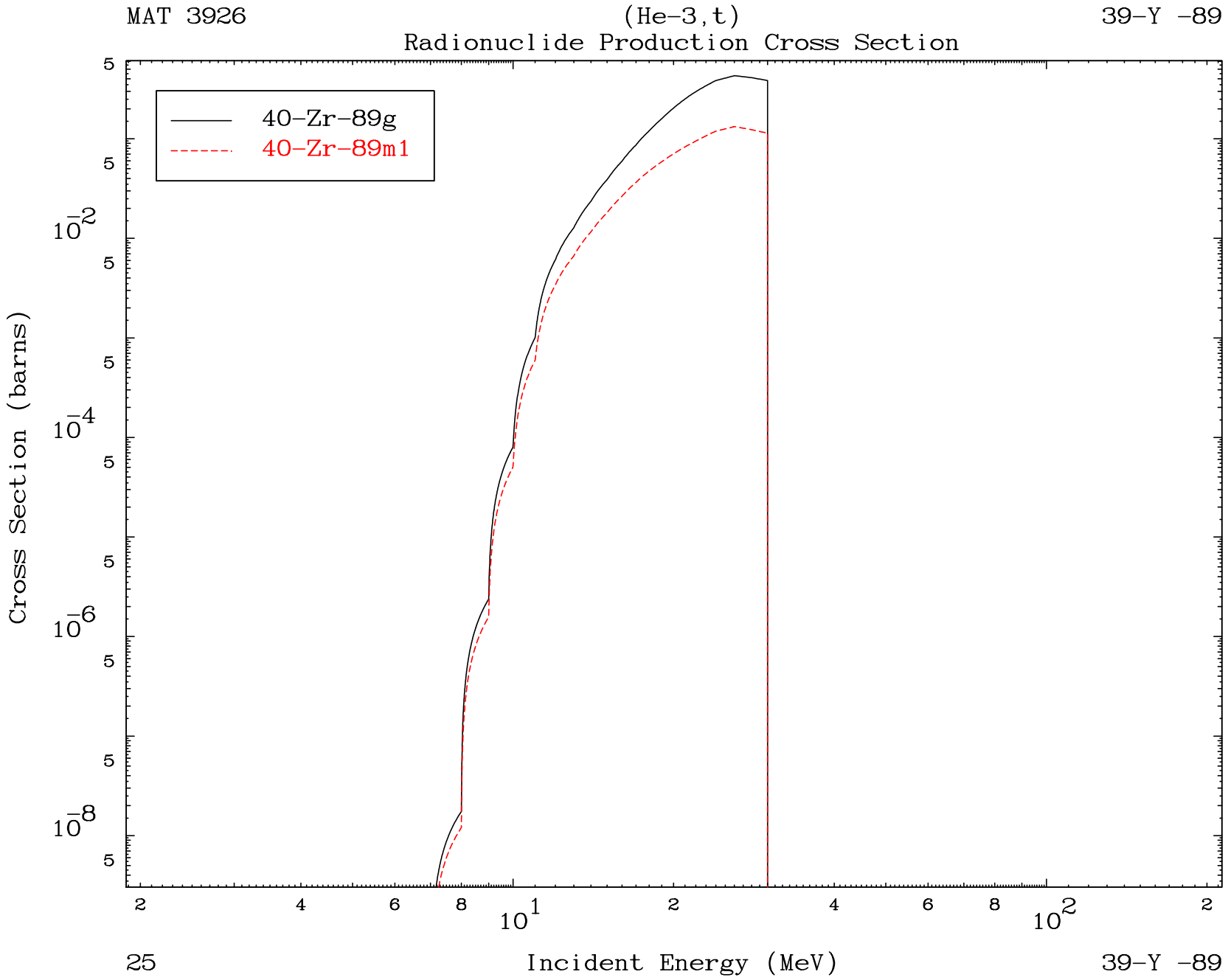

MAT 3926
(He-3,4n)
39-Y -89
Radionuclide Production Cross Section
41-Nb-88g
Cross Section (barns)
10^-6
4
3
2
9
8
7
6
5
4
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
39-Y -89

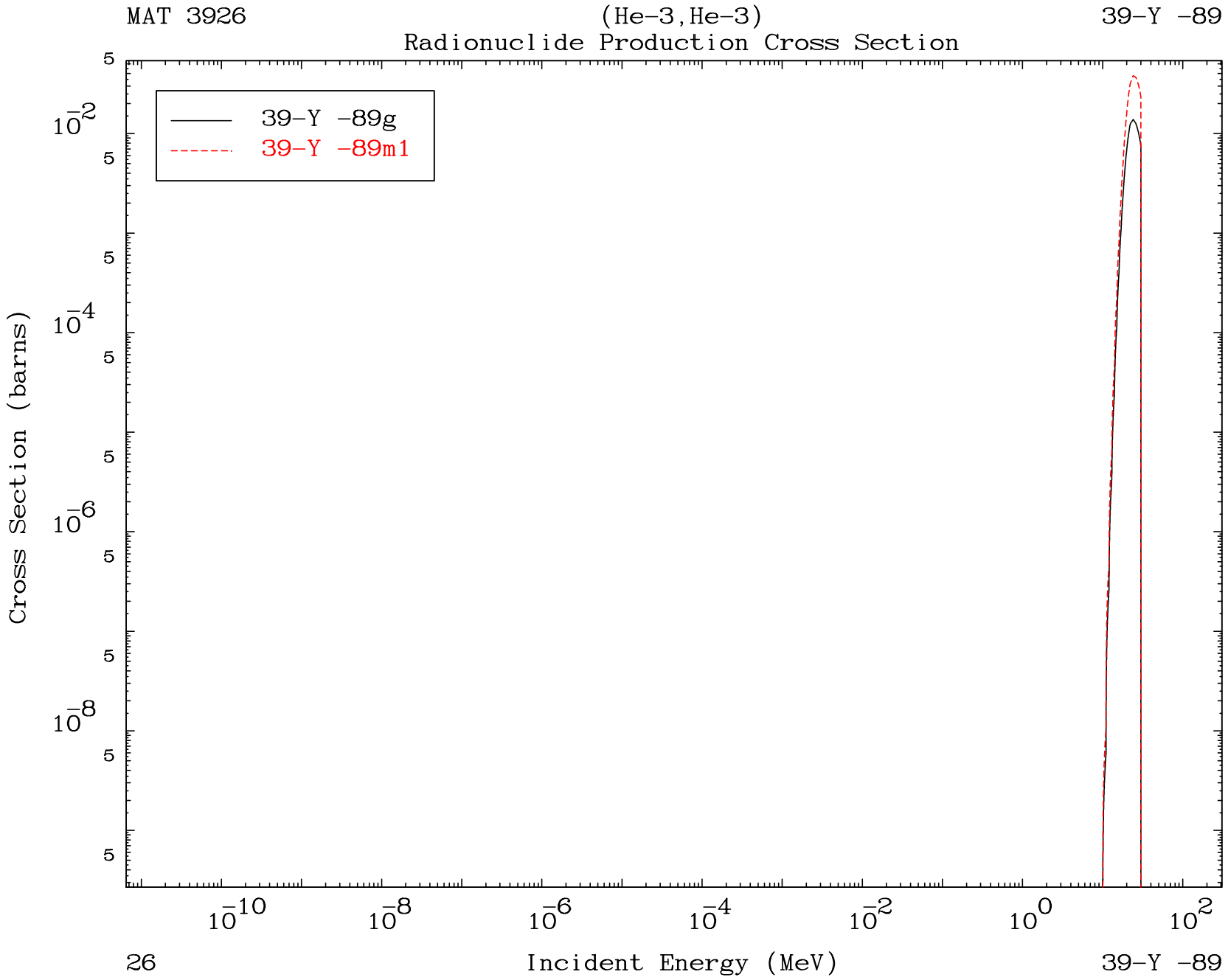

MAT 3926
(He-3,2n) p
39-Y -89
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
39-Y -89

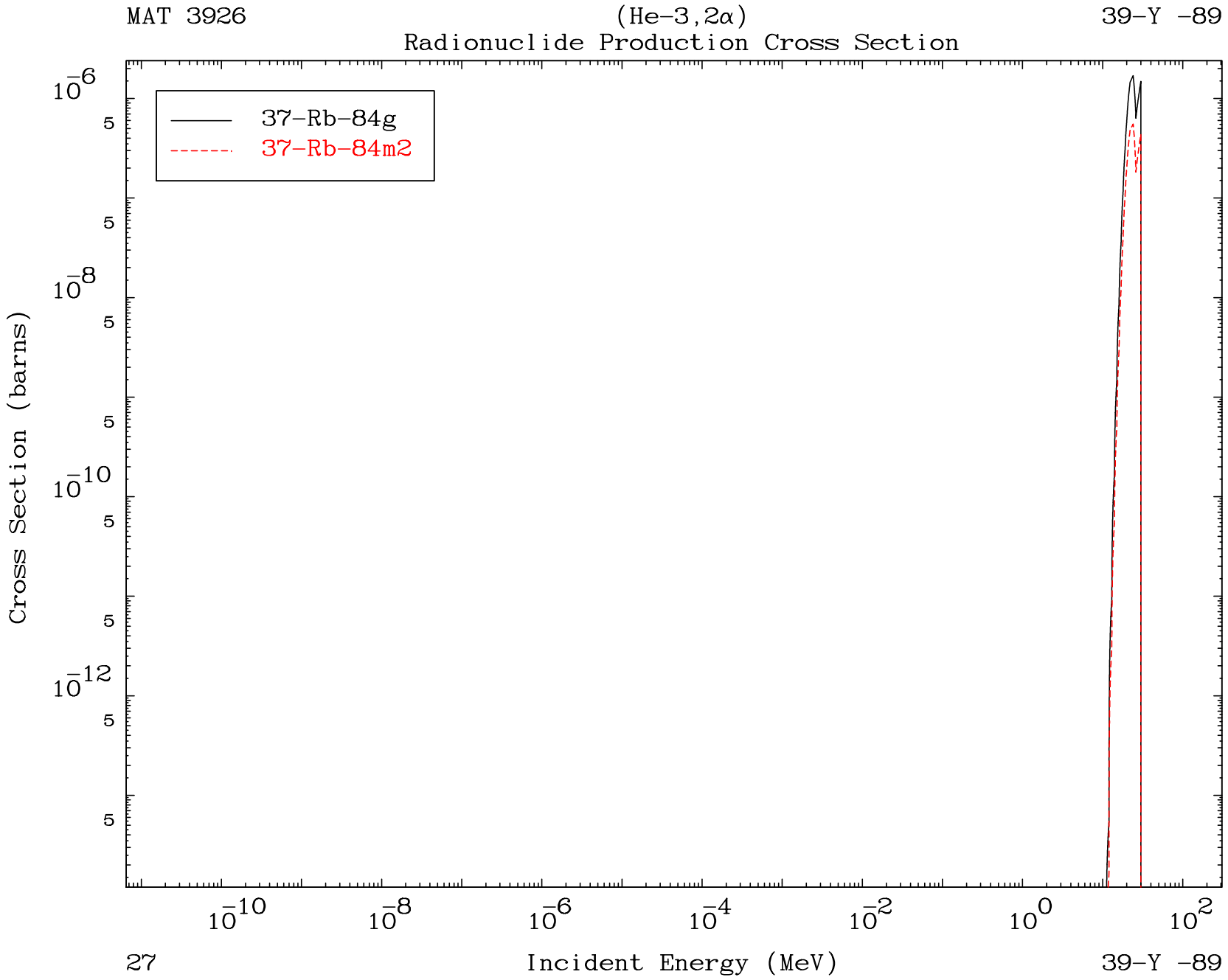

MAT 3926
(He-3,2n) p
39-Y -89
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
10-4
10-6
10-8
10-10
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
22
39-Y -89

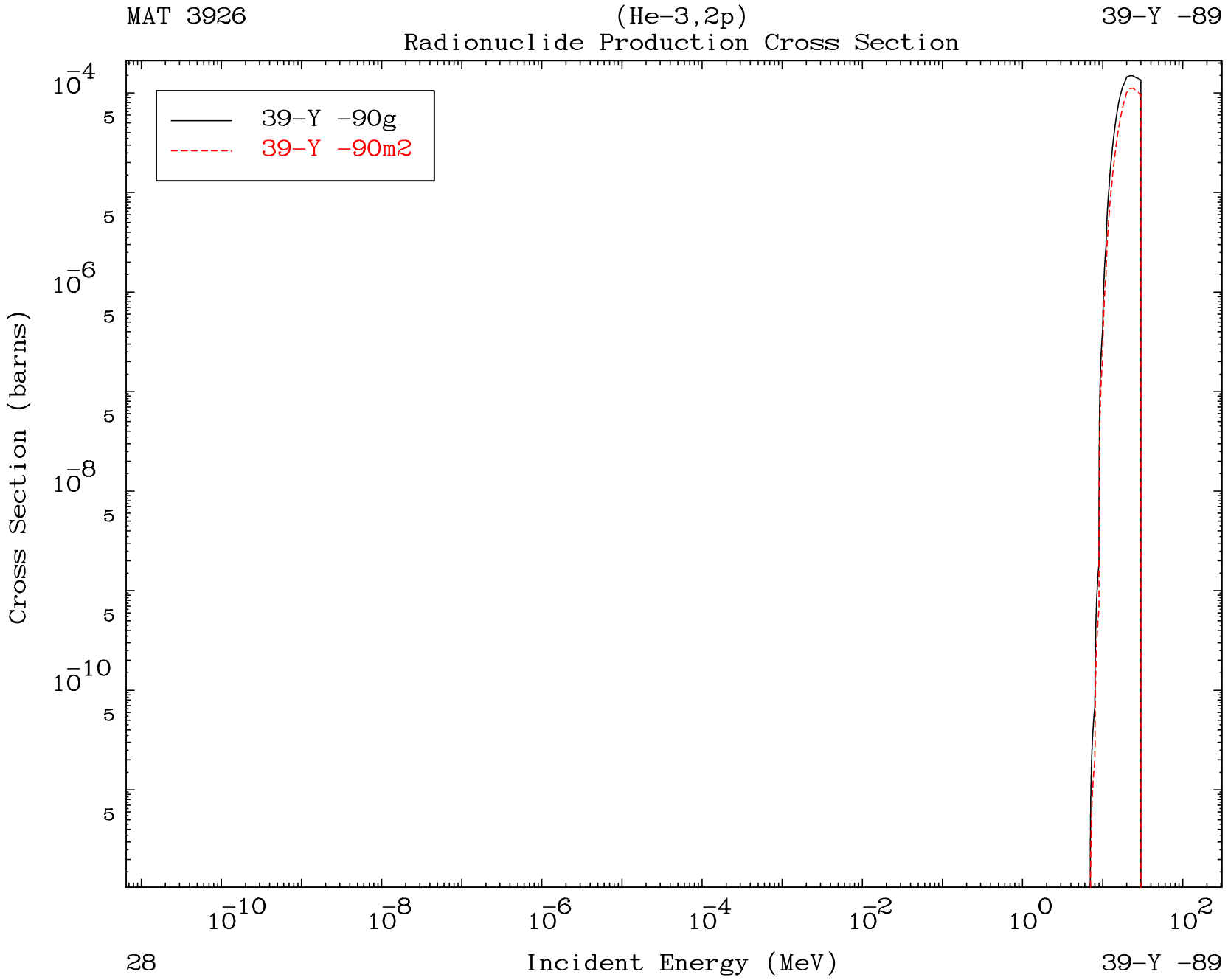

MAT 3926
(He-3,γ)
39-Y -89
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
23
Incident Energy (MeV)
39-Y -89

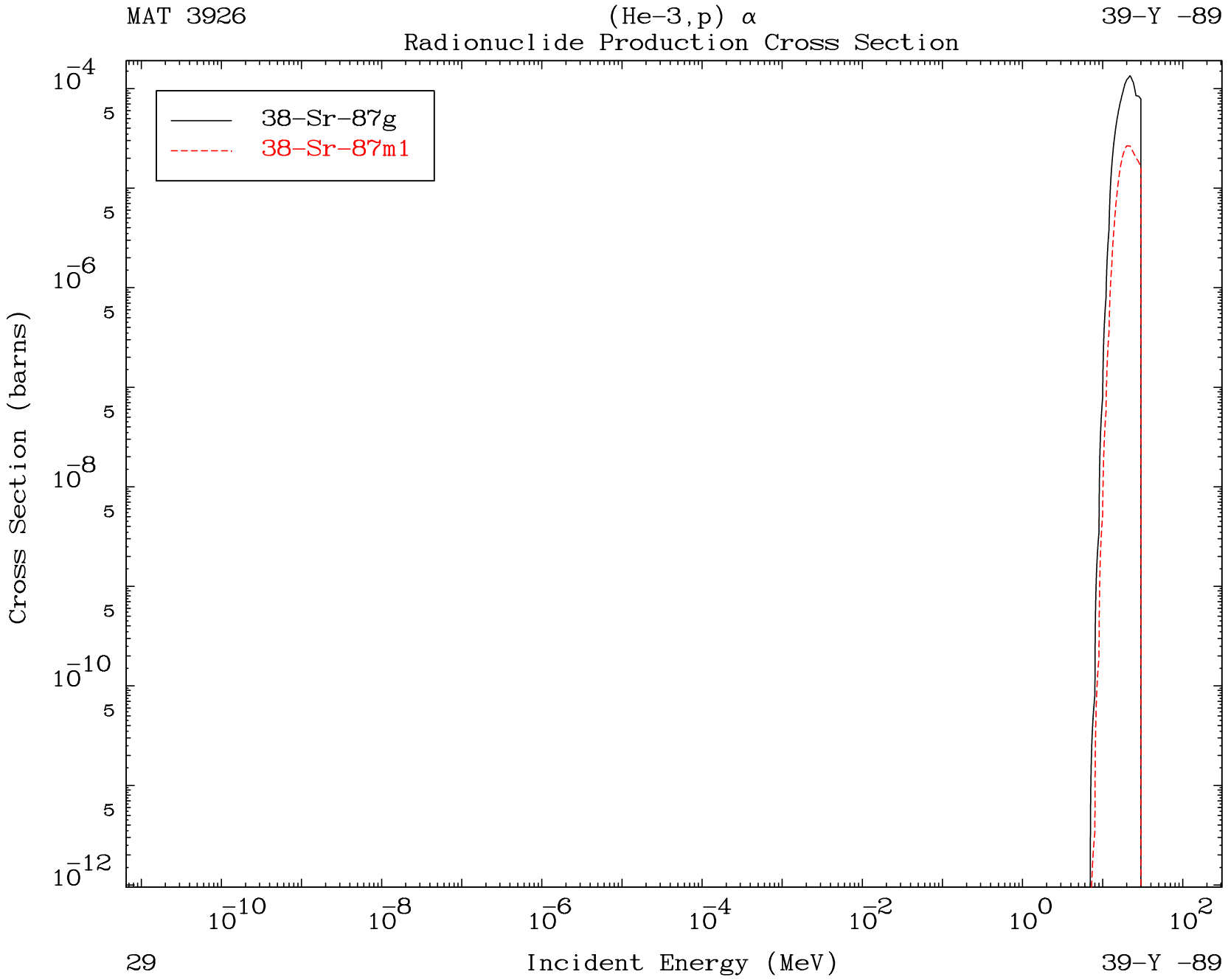

MAT 3926
(He-3,d)
39-Y -89
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
24
39-Y -89

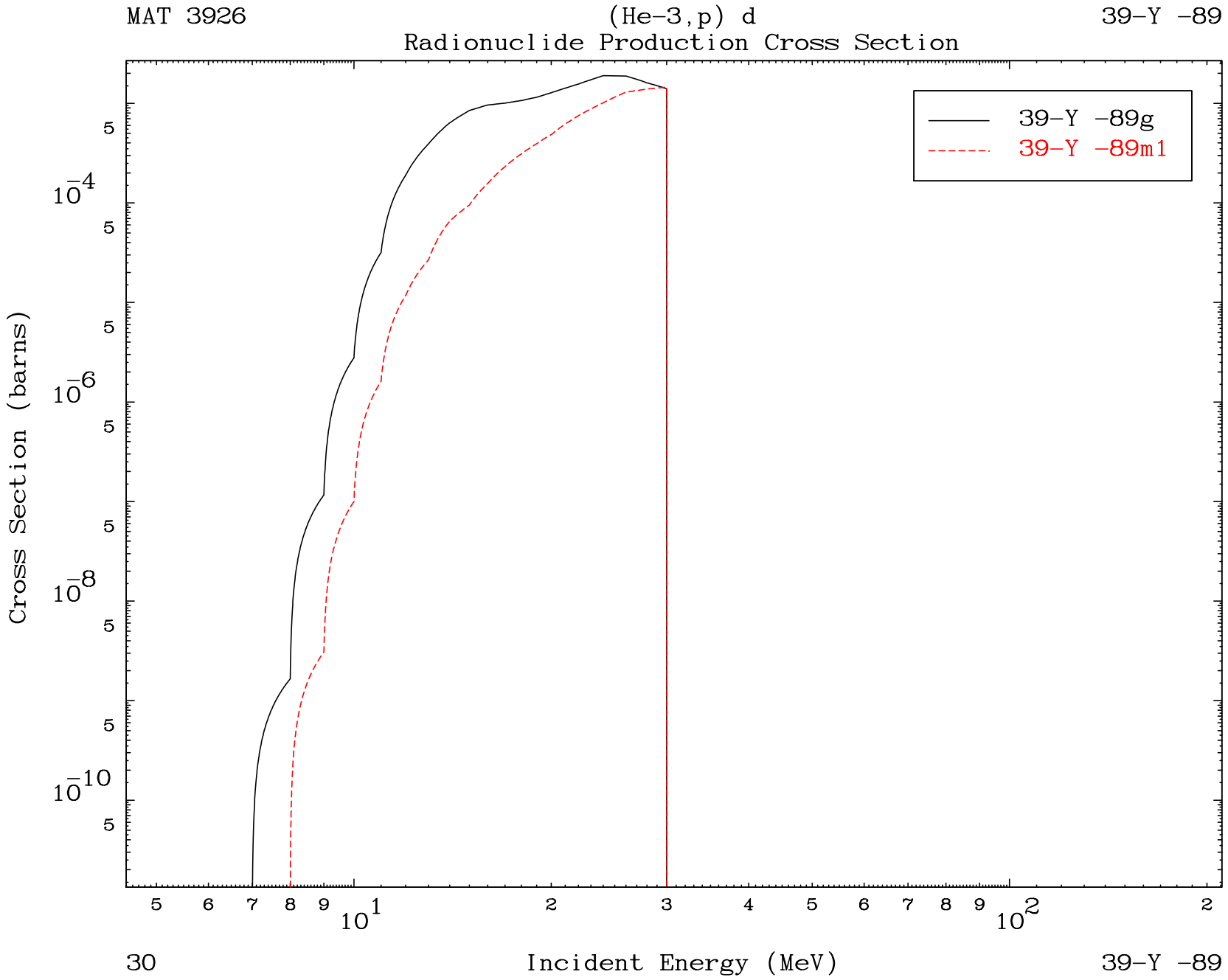

MAT 3926
(He-3,t)
39-Y -89
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
25
39-Y -89


MAT 3926
(He-3,He-3)
39-Y -89
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
Incident Energy (MeV)
26
39-Y -89


MAT 3926
(He-3,2α)
39-Y -89
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
27
39-Y -89


MAT 3926
(He-3,2p)
39-Y -89
Radionuclide Production Cross Section
39-Y -90g
39-Y -90m2
Cross Section (barns)
Incident Energy (MeV)
28
39-Y -89


MAT 3926
(He-3,p) α
39-Y -89
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
29
39-Y -89


MAT 3926
(He-3,p) d
39-Y -89
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
30
39-Y -89