

Program EVALPLOT
(Version 2018-1)

by

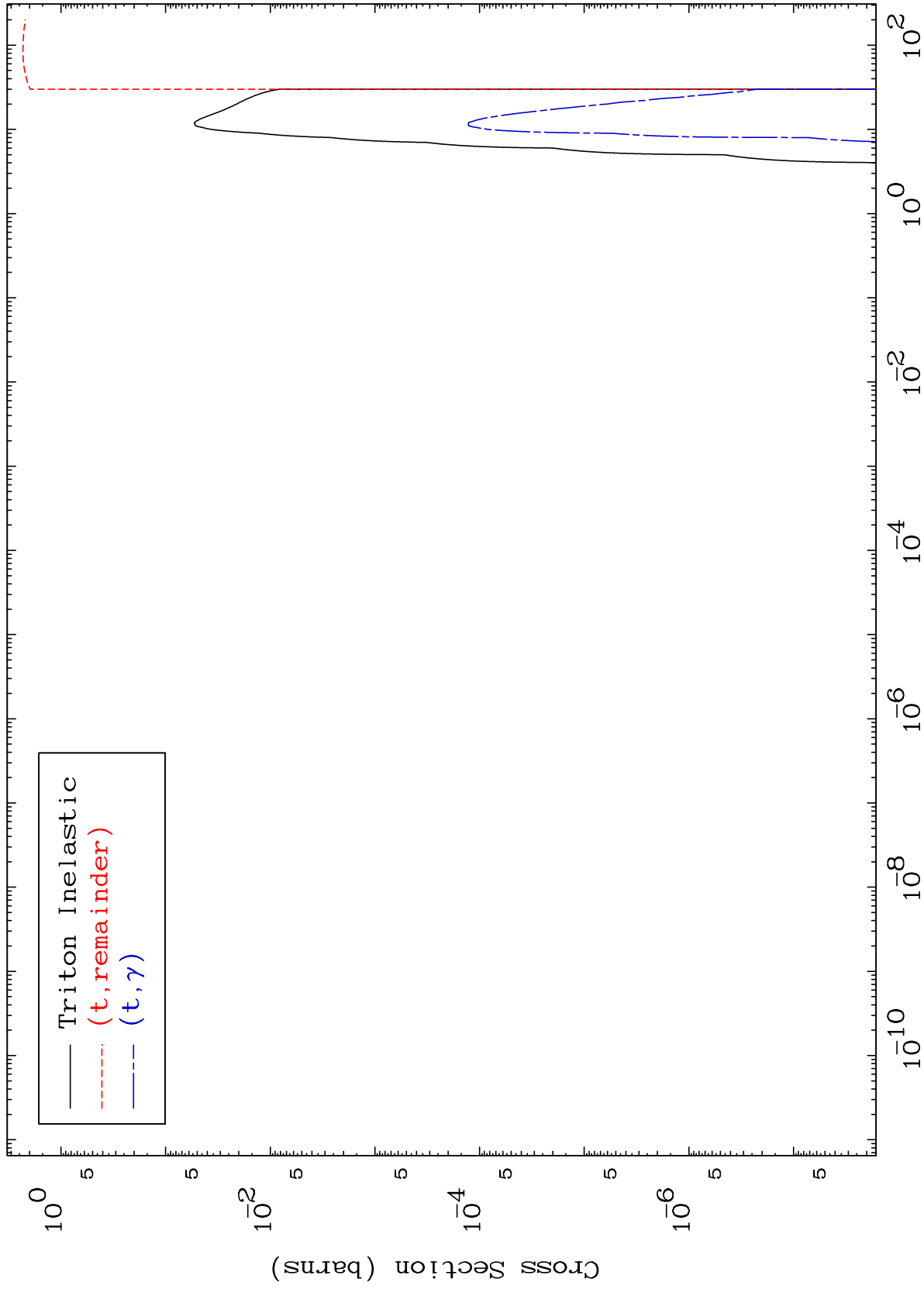
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

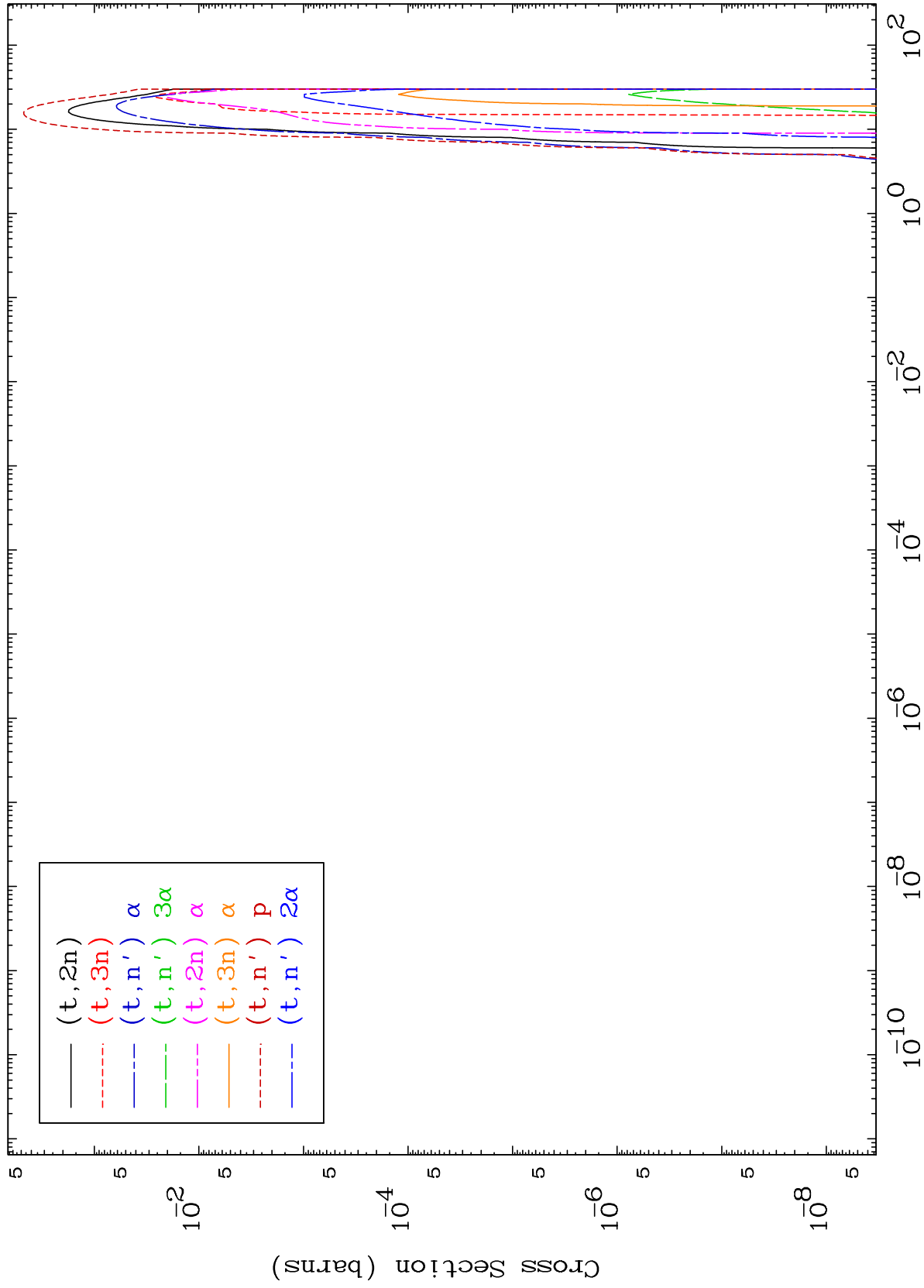
Press Mouse Button to Start



MAT 7074

Triton Neutron Production
0 Kelvin Cross Sections

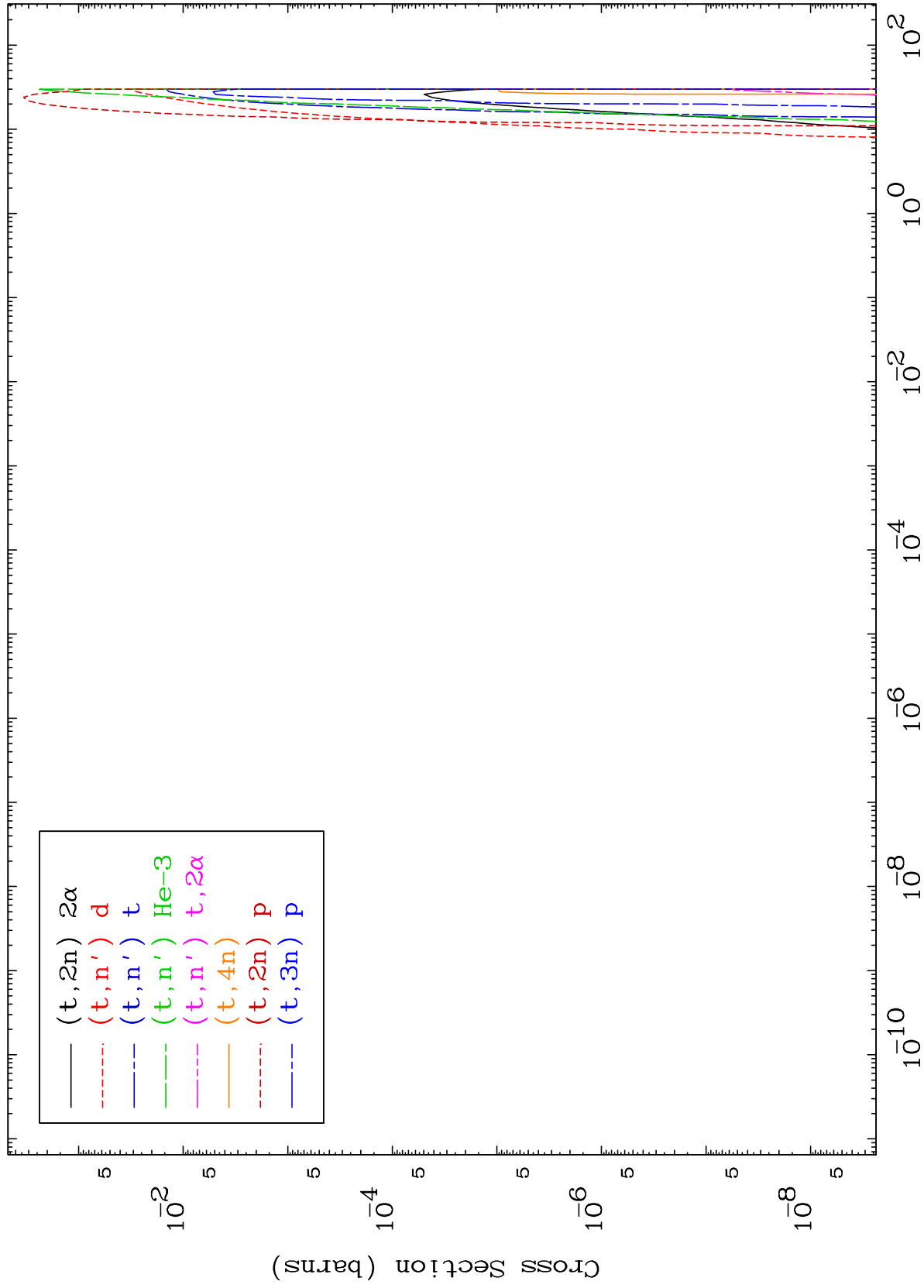
71-Lu-158



2

Incident Energy (MeV)

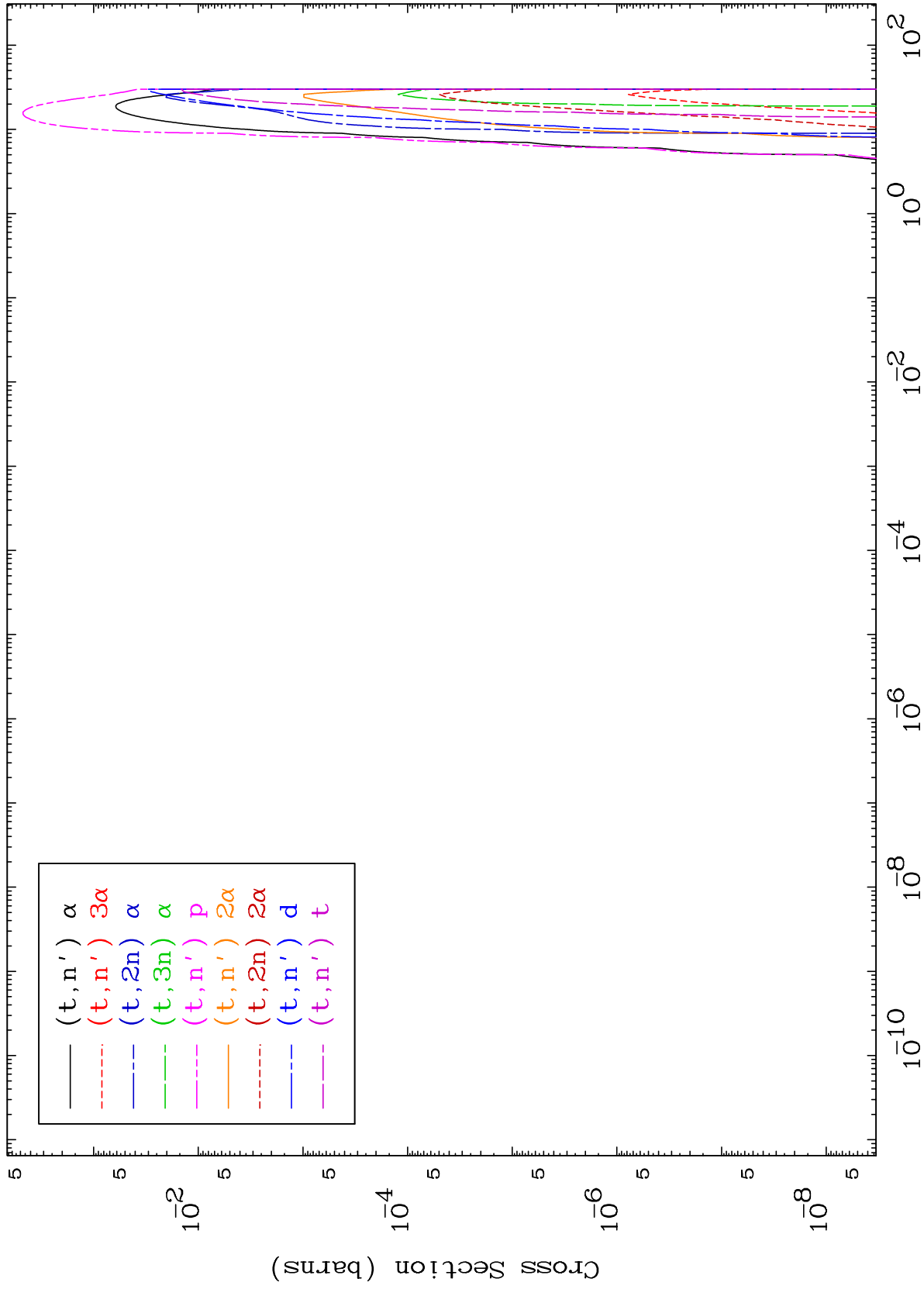
71-Lu-158



MAT 7074

Triton Charged Particle
0 Kelvin Cross Sections

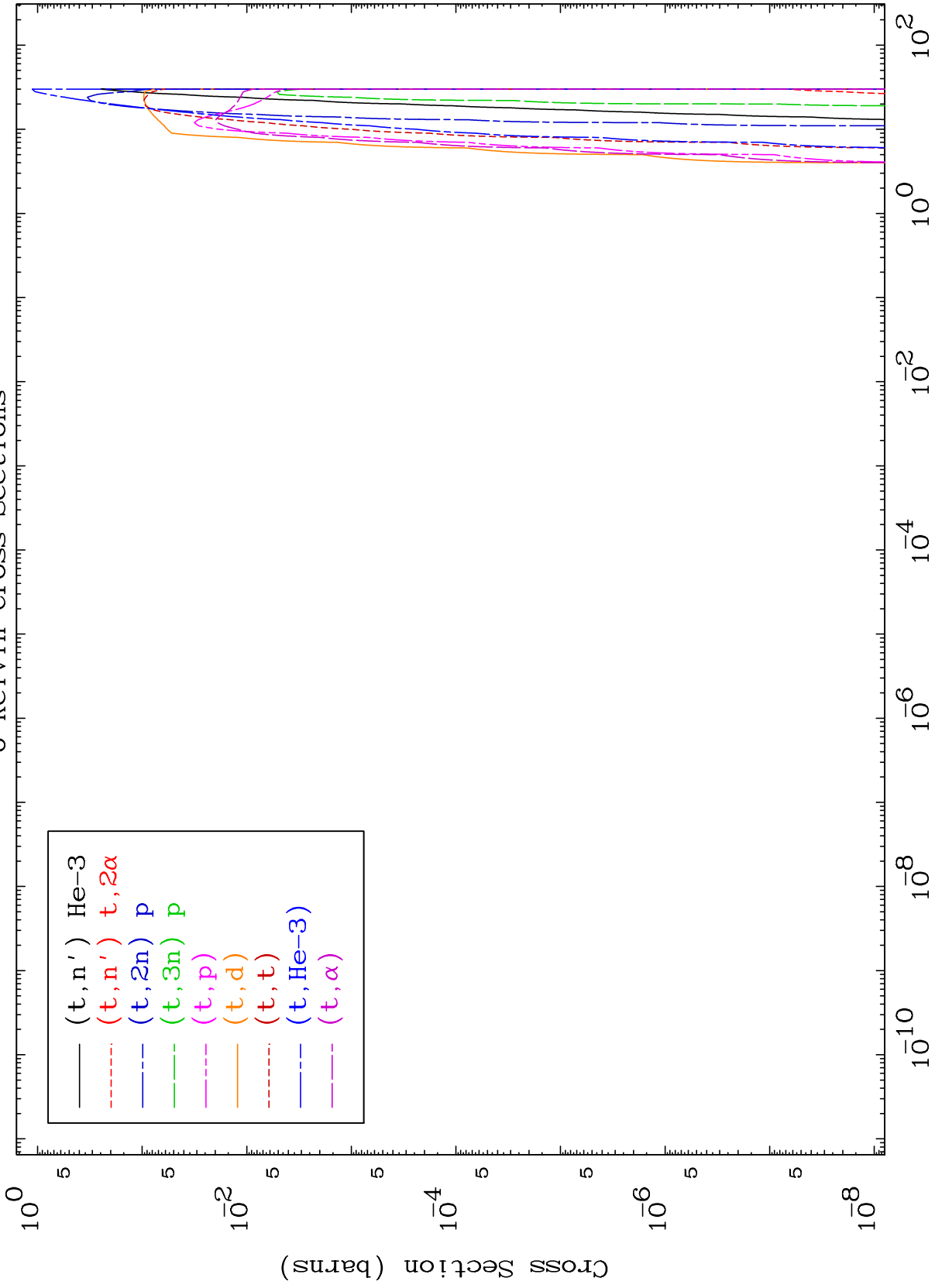
71-Lu-158



MAT 7074

Triton Charged Particle
0 Kelvin Cross Sections

71-Lu-158



5

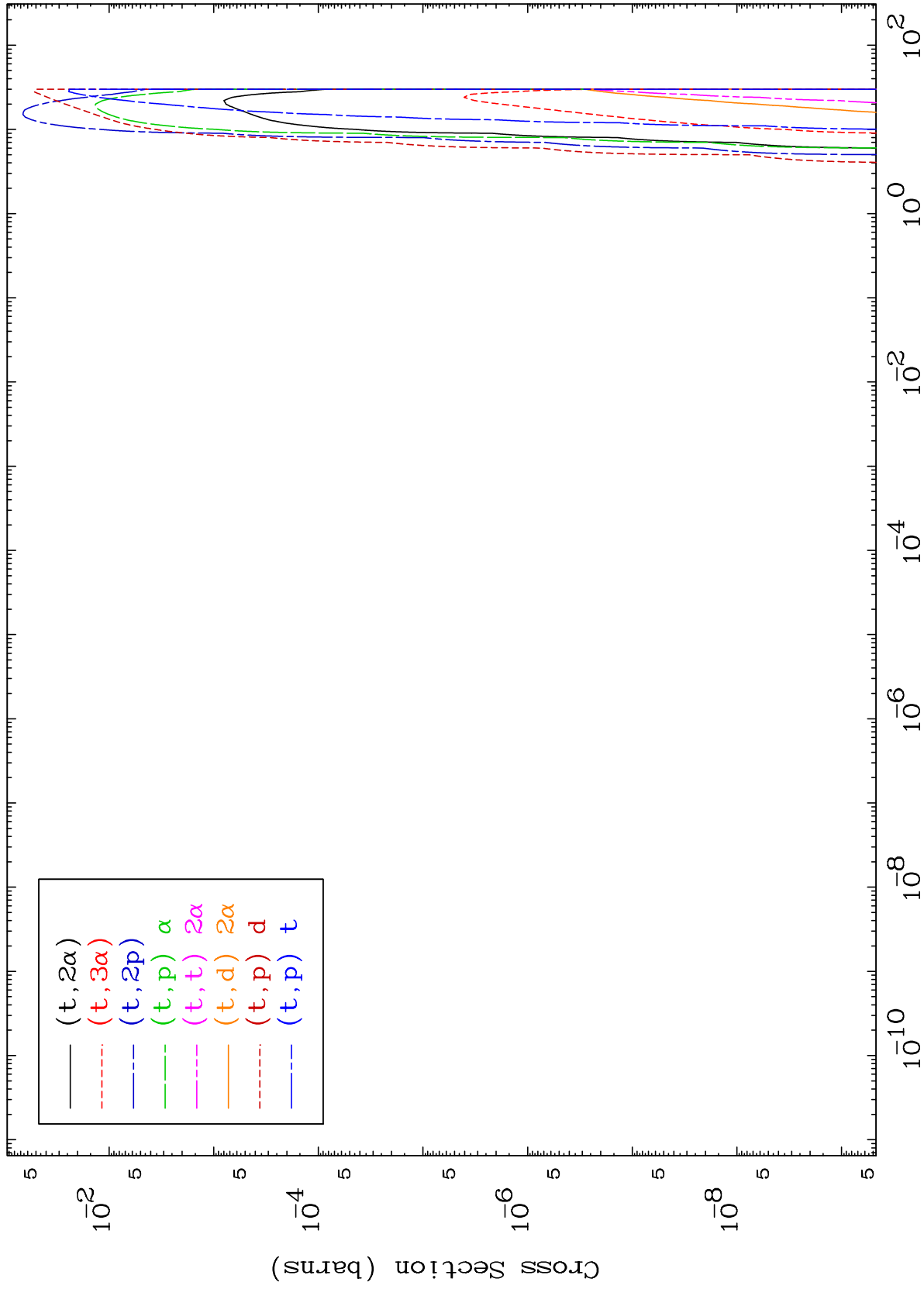
Incident Energy (MeV)

71-Lu-158

MAT 7074

Triton Charged Particle
0 Kelvin Cross Sections

71-Lu-158



6

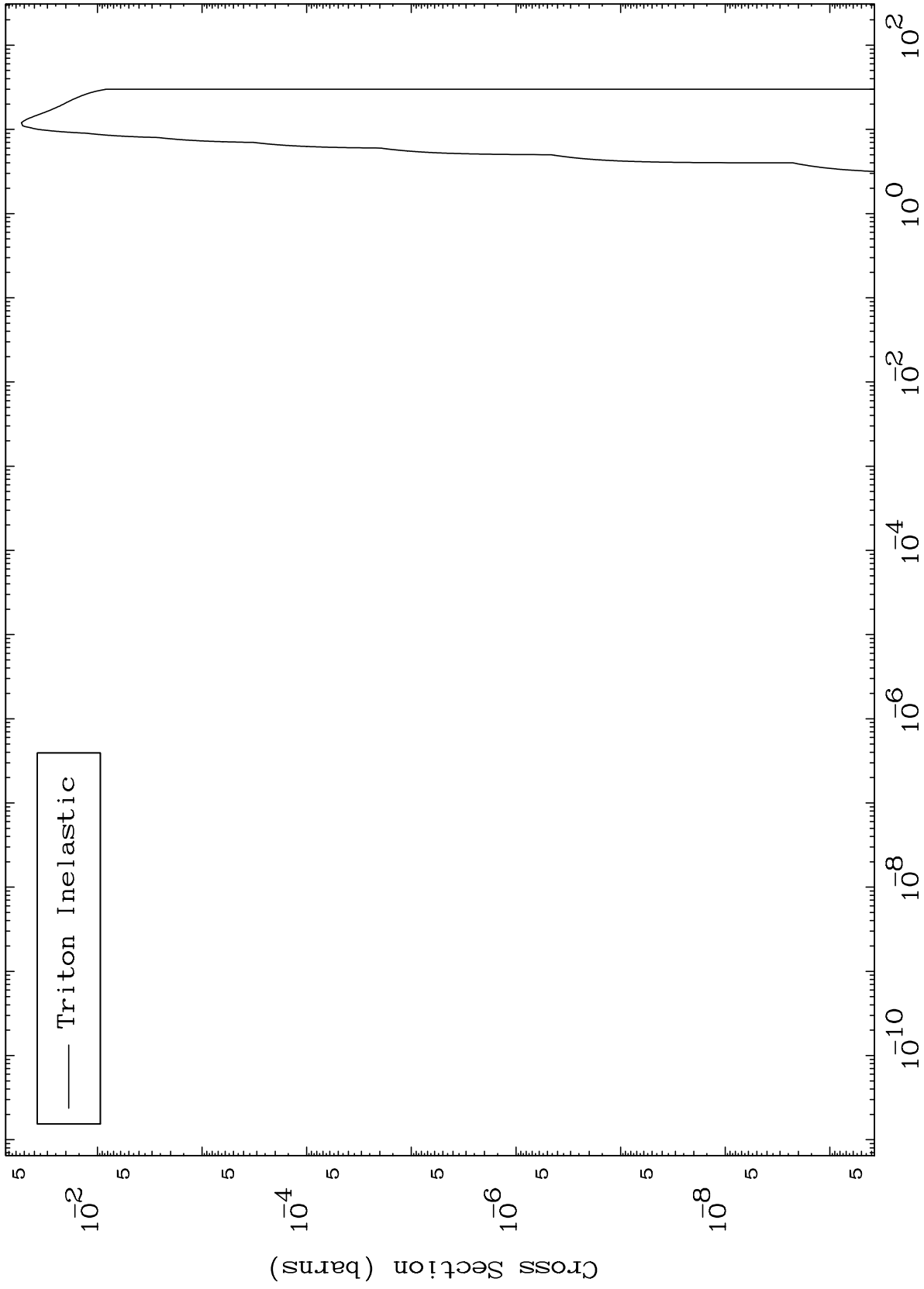
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,n') Level
0 Kelvin Cross Sections

71-Lu-158



7

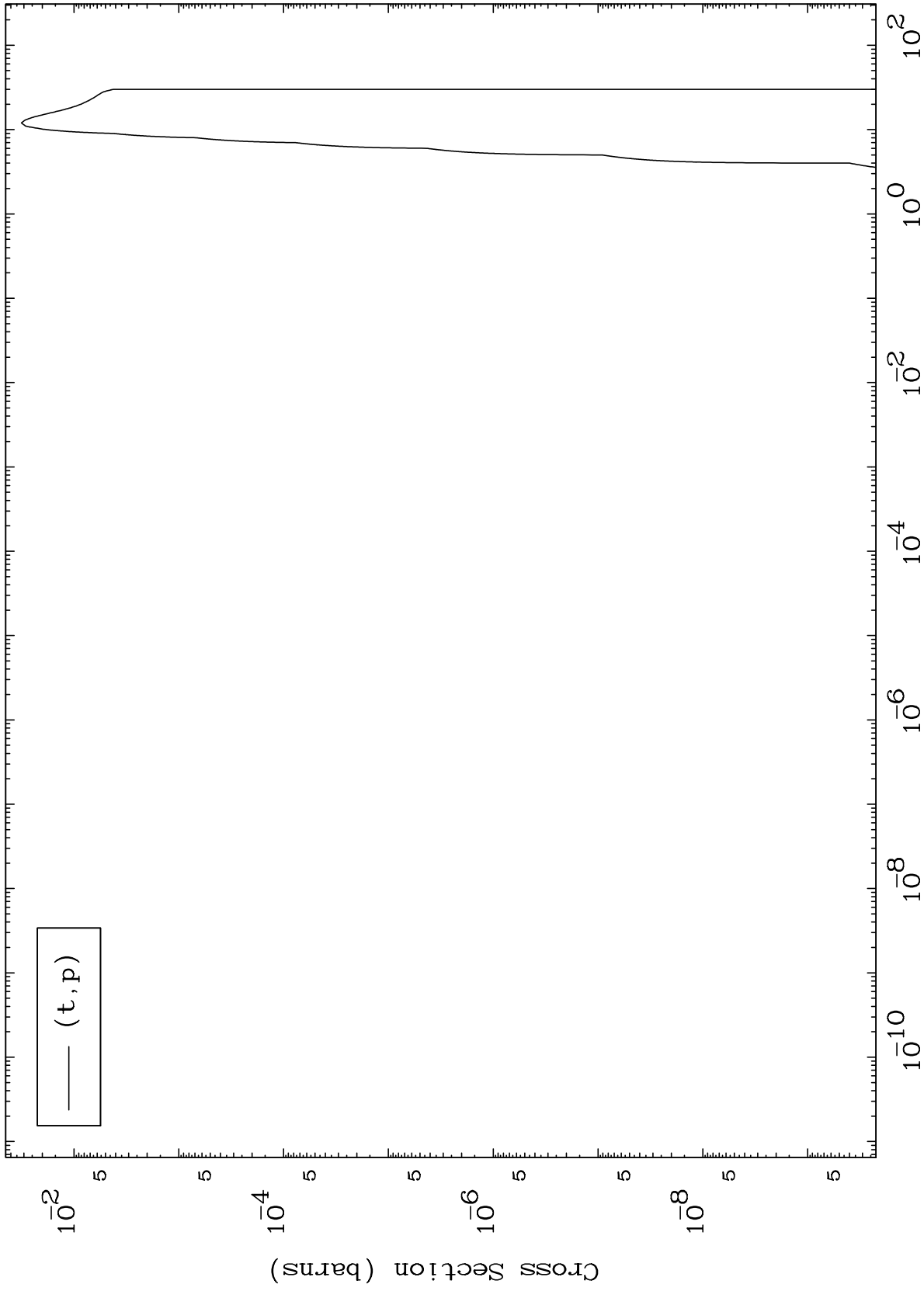
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,p) Levels
0 Kelvin Cross Sections

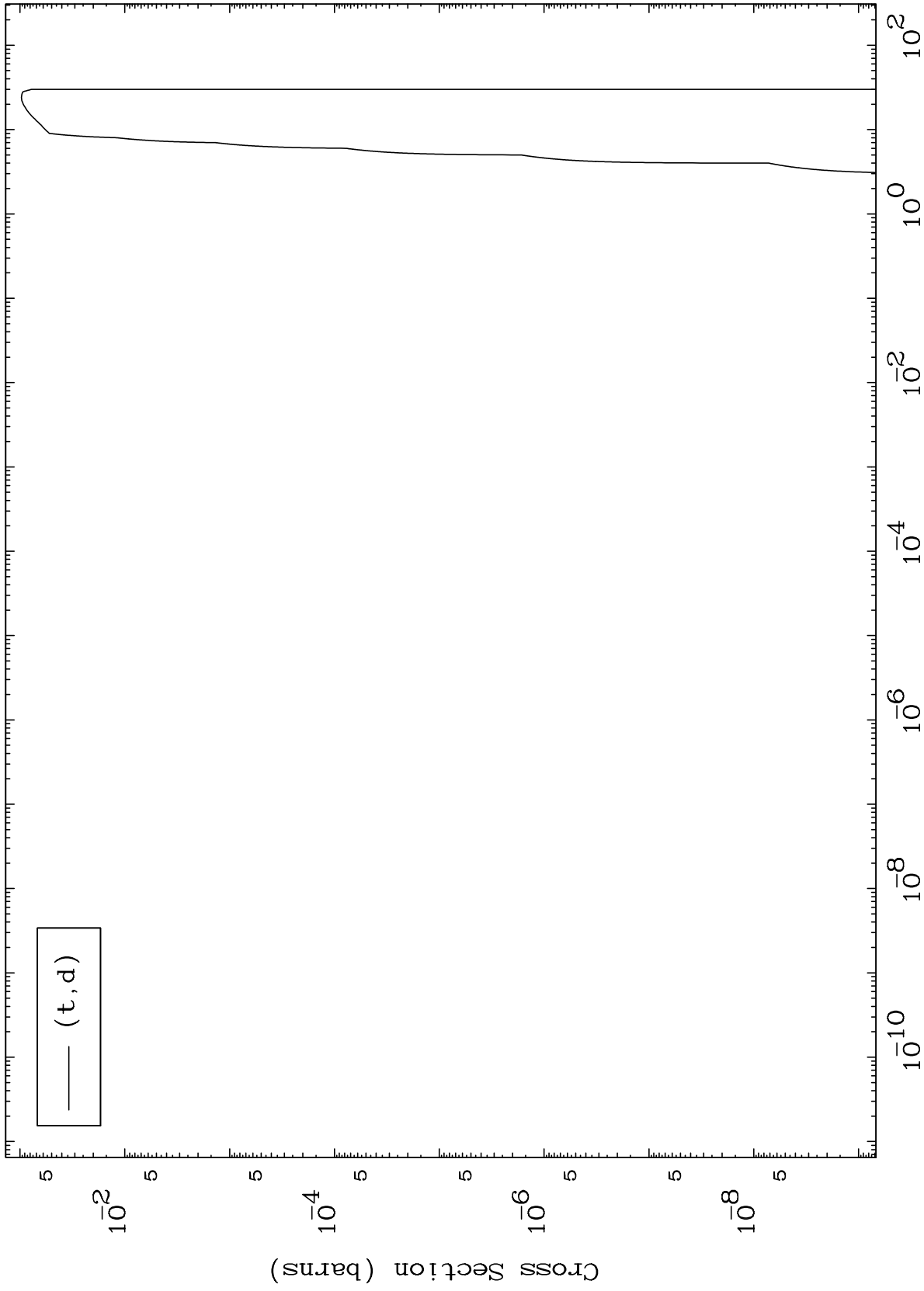
71-Lu-158



MAT 7074

(t,d) Levels
0 Kelvin Cross Sections

71-Lu-158



9

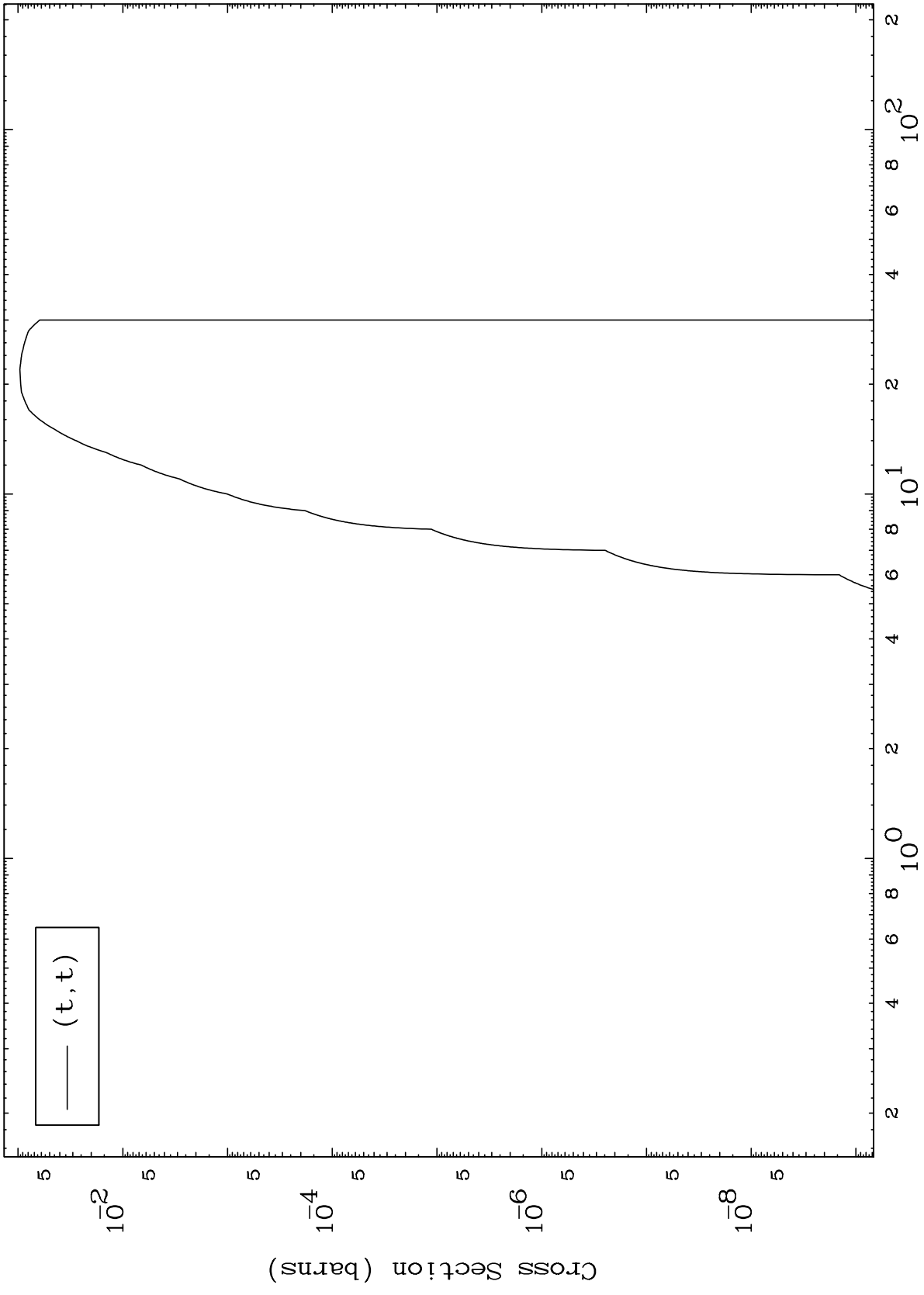
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,t) Levels
0 Kelvin Cross Sections

71-Lu-158



10

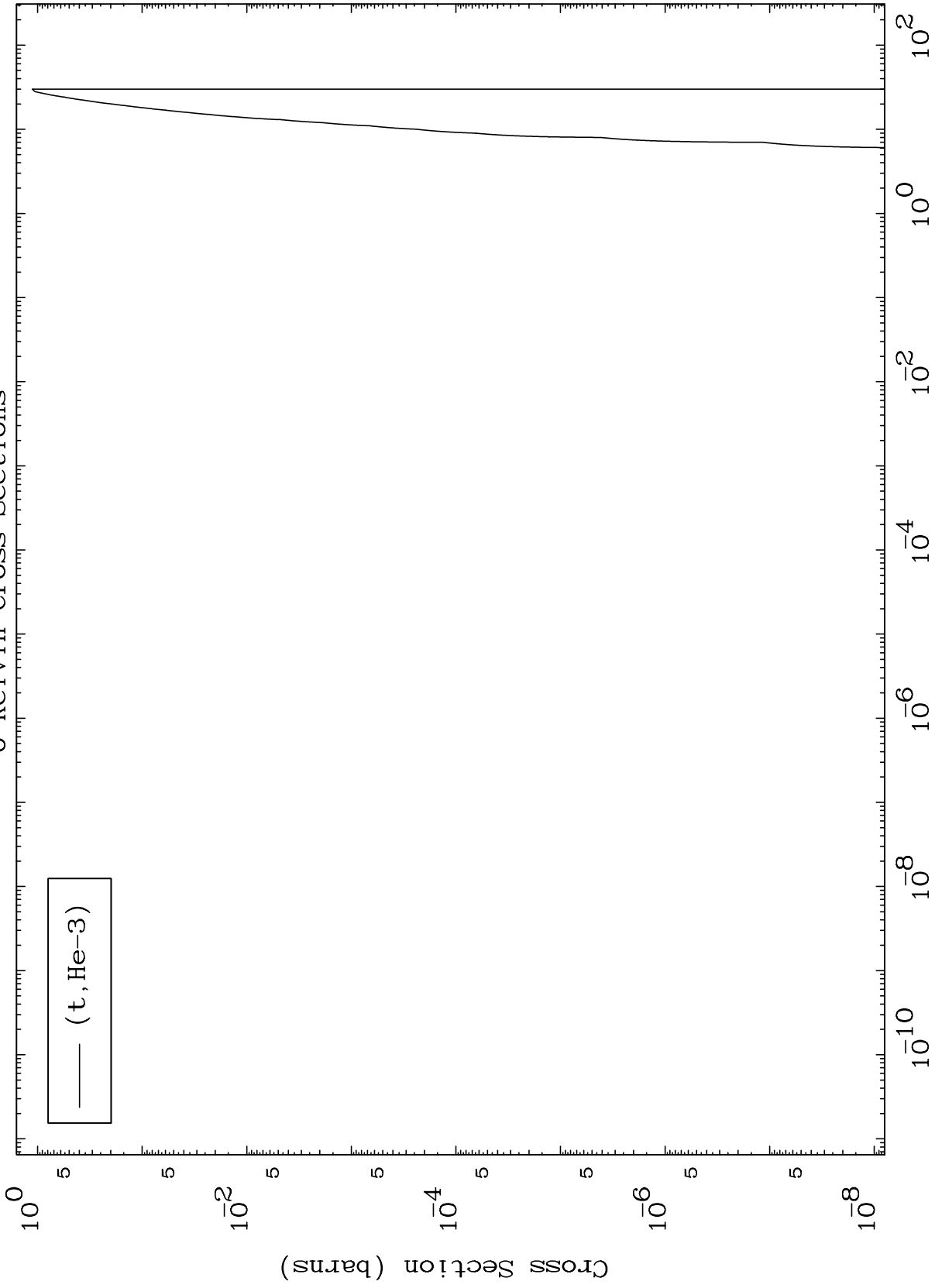
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,He3) Levels
0 Kelvin Cross Sections

71-Lu-158

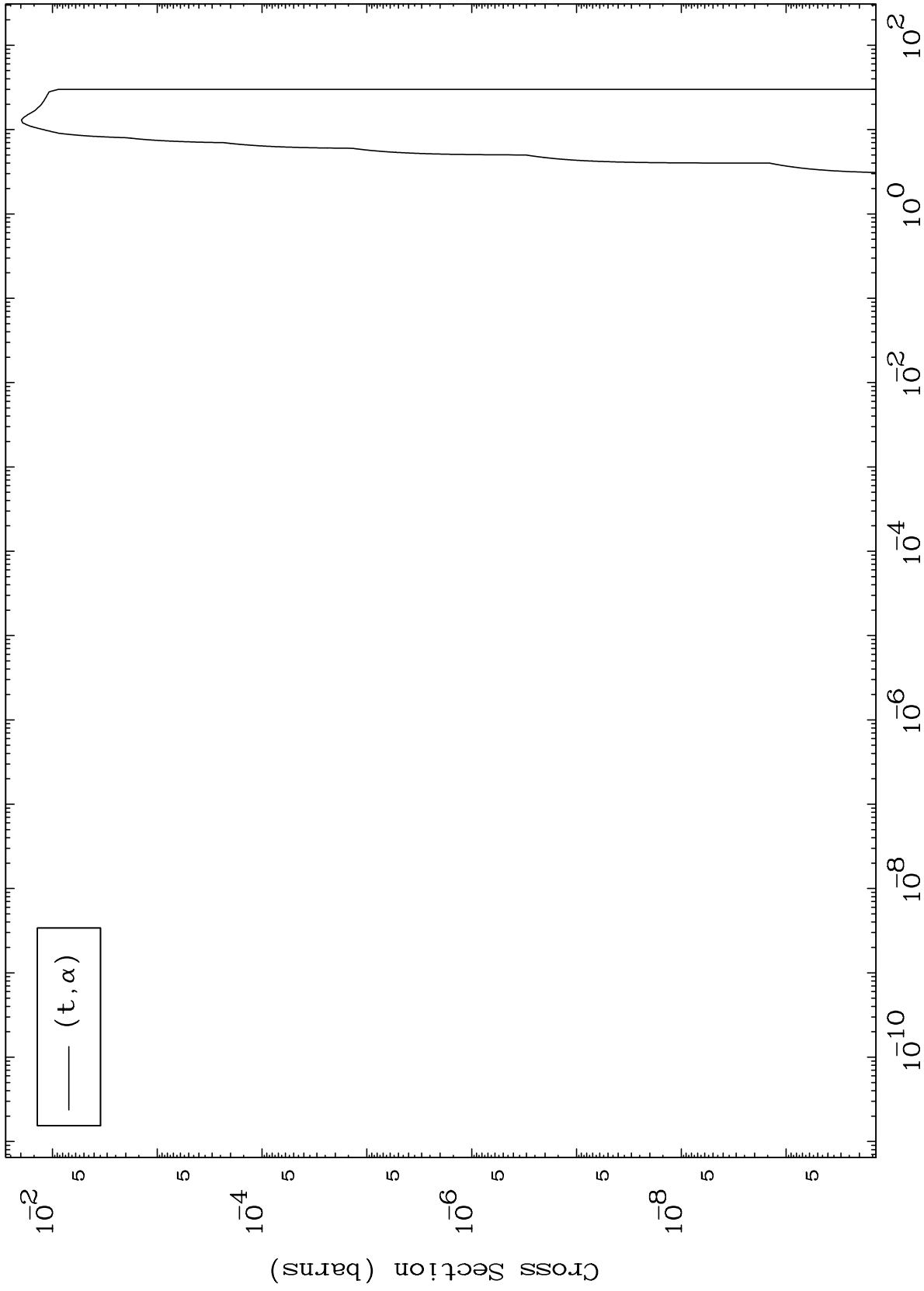


(t, He-3)

MAT 7074

(t,α) Levels
0 Kelvin Cross Sections

71-Lu-158



12

Incident Energy (MeV)

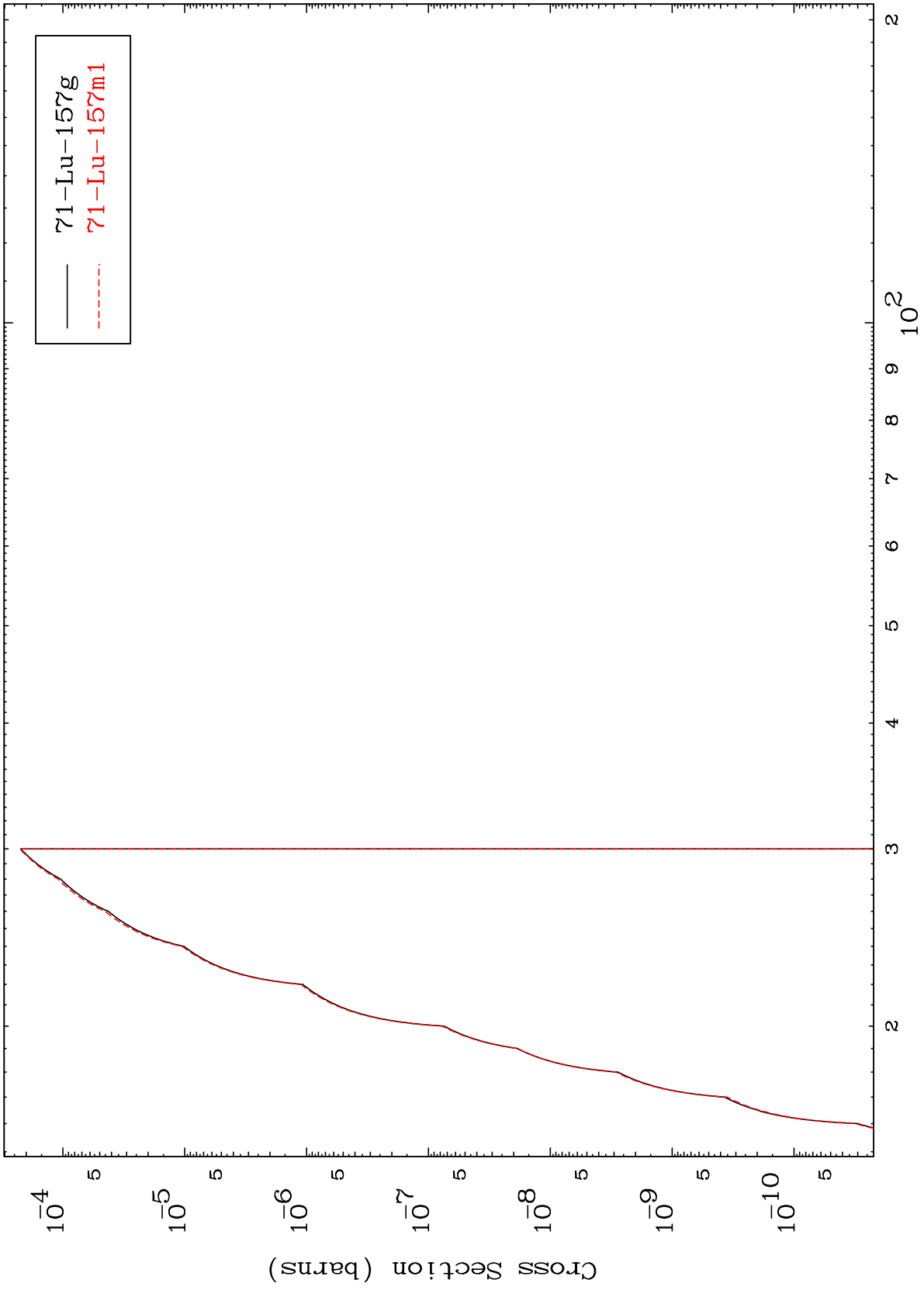
71-Lu-158

MAT 7074

(t,2n) d

⁷¹Lu-158

Radionuclide Production Cross Section



13

Incident Energy (MeV)

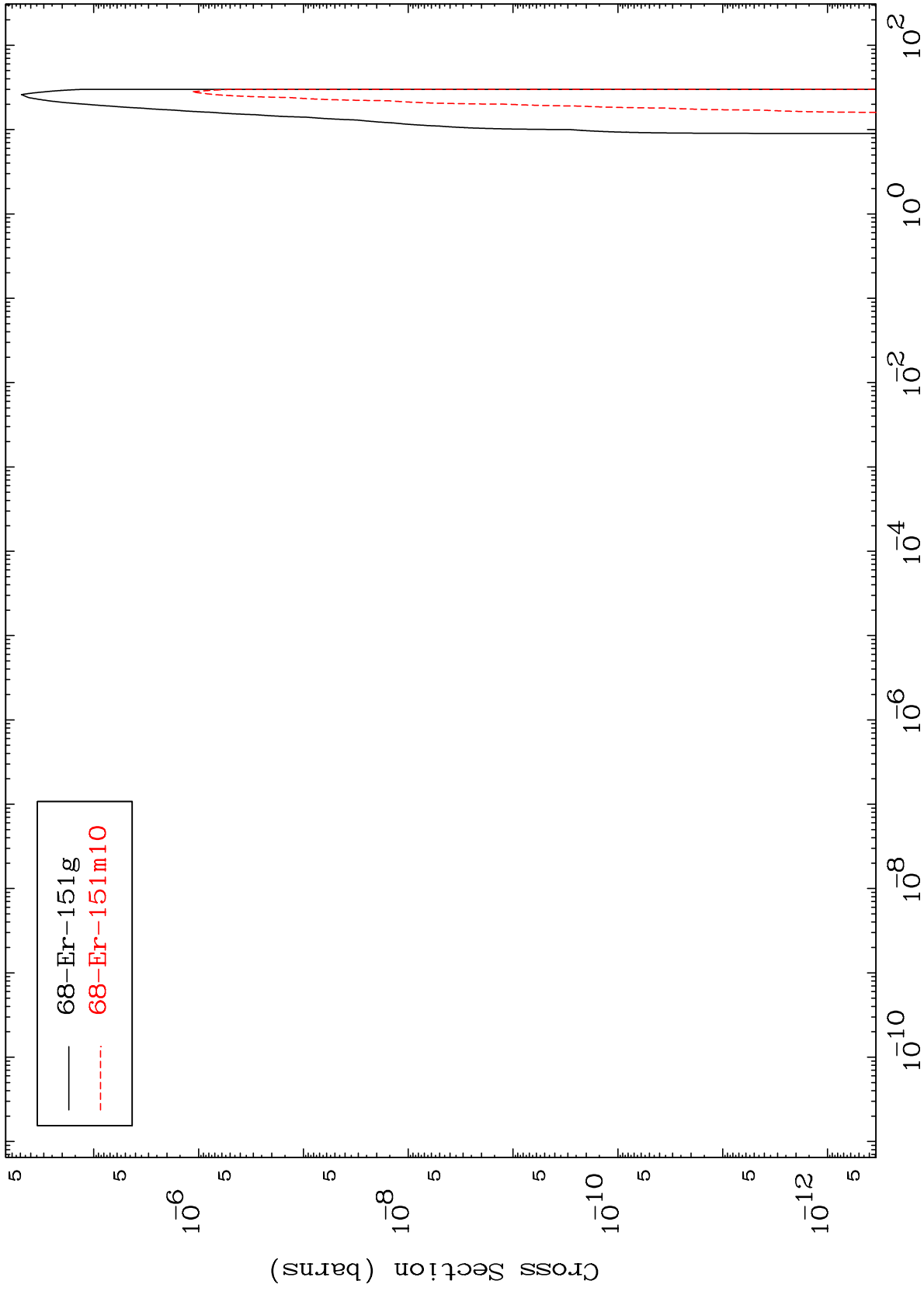
⁷¹Lu-158

MAT 7074

(t,2n) 2 α

71-Lu-158

Radionuclide Production Cross Section



14

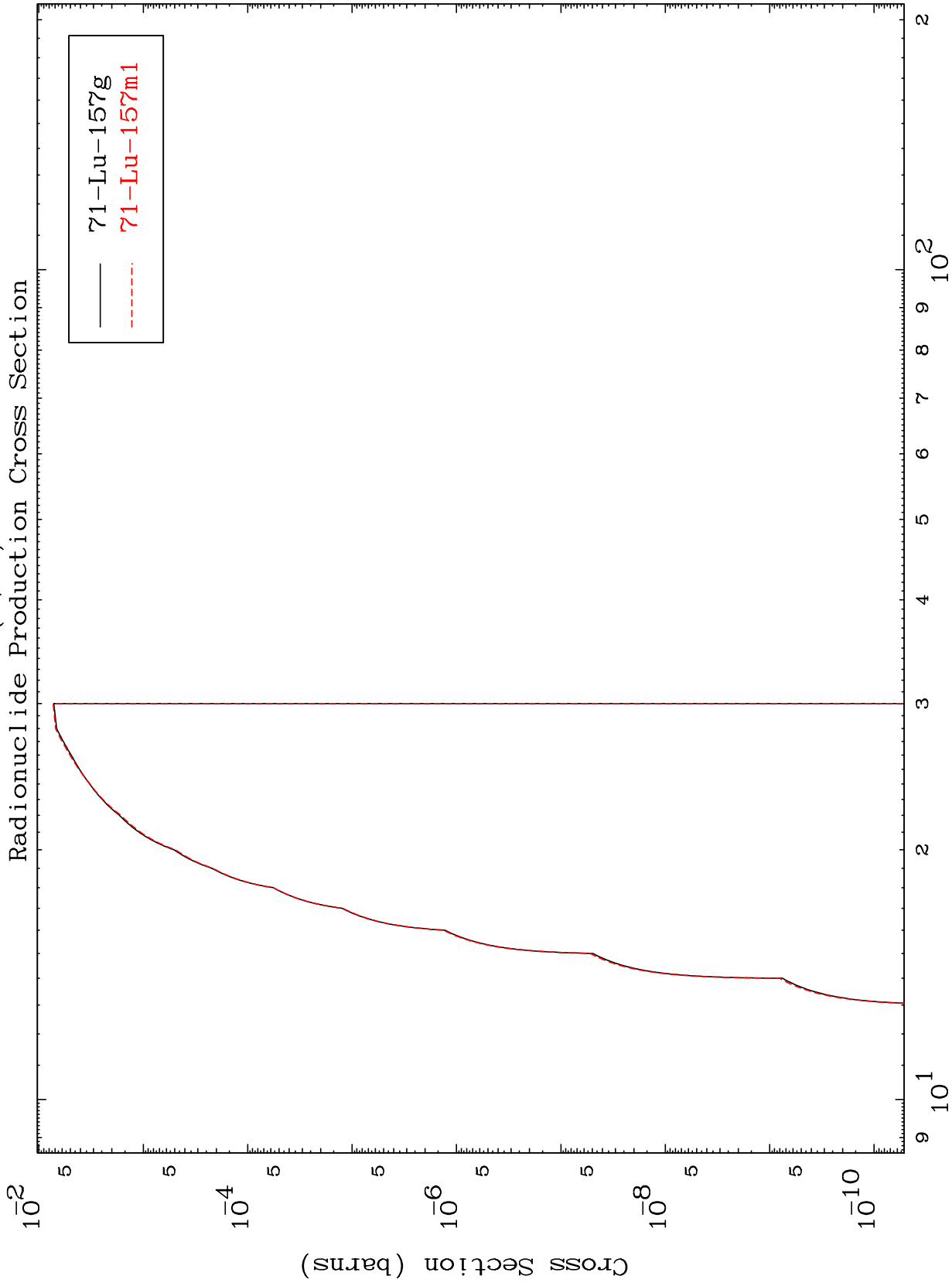
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,n') t

71-Lu-158



15

Incident Energy (MeV)

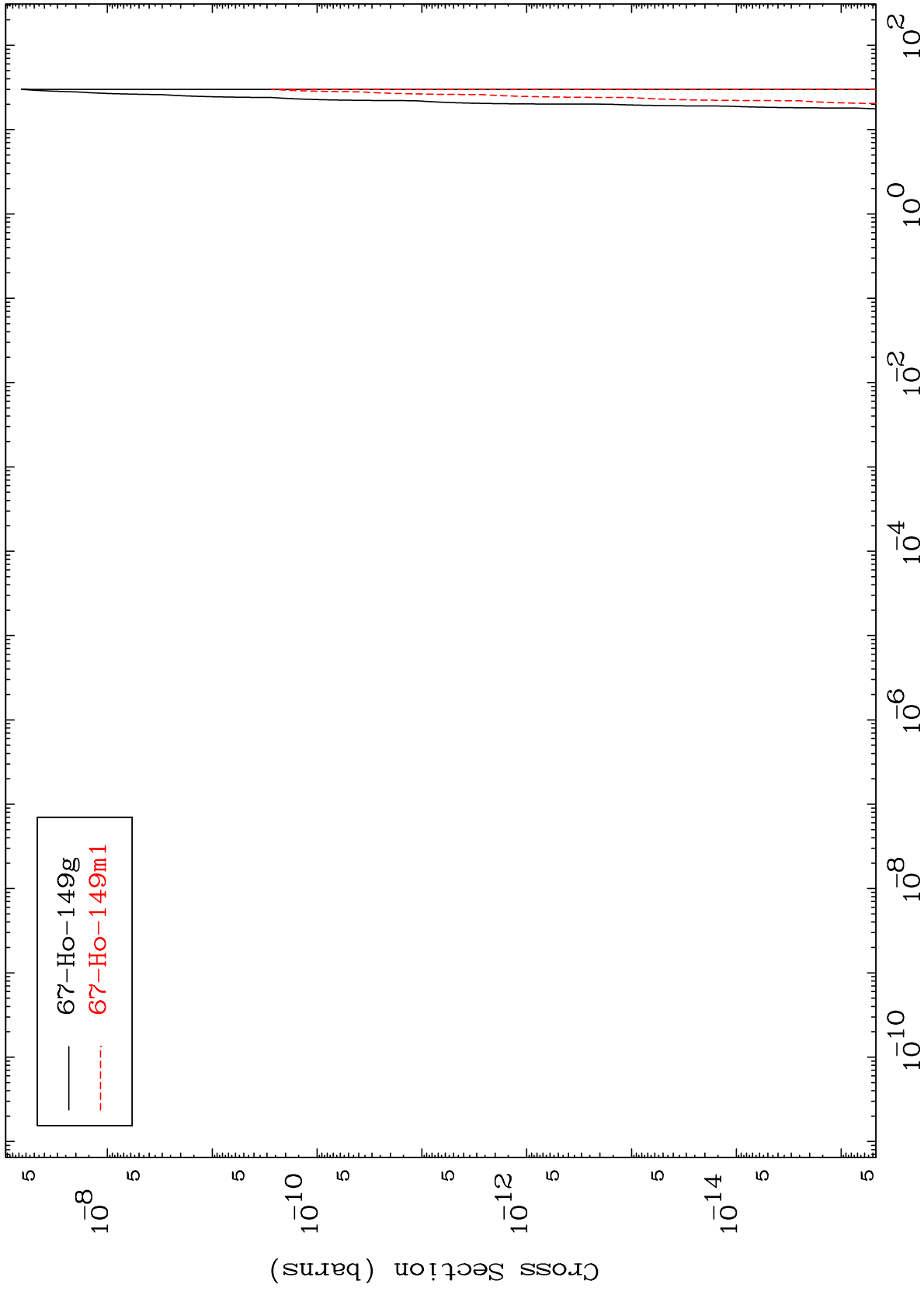
71-Lu-158

MAT 7074

(t, n') t, 2 α

71-Lu-158

Radionuclide Production Cross Section



16

Incident Energy (MeV)

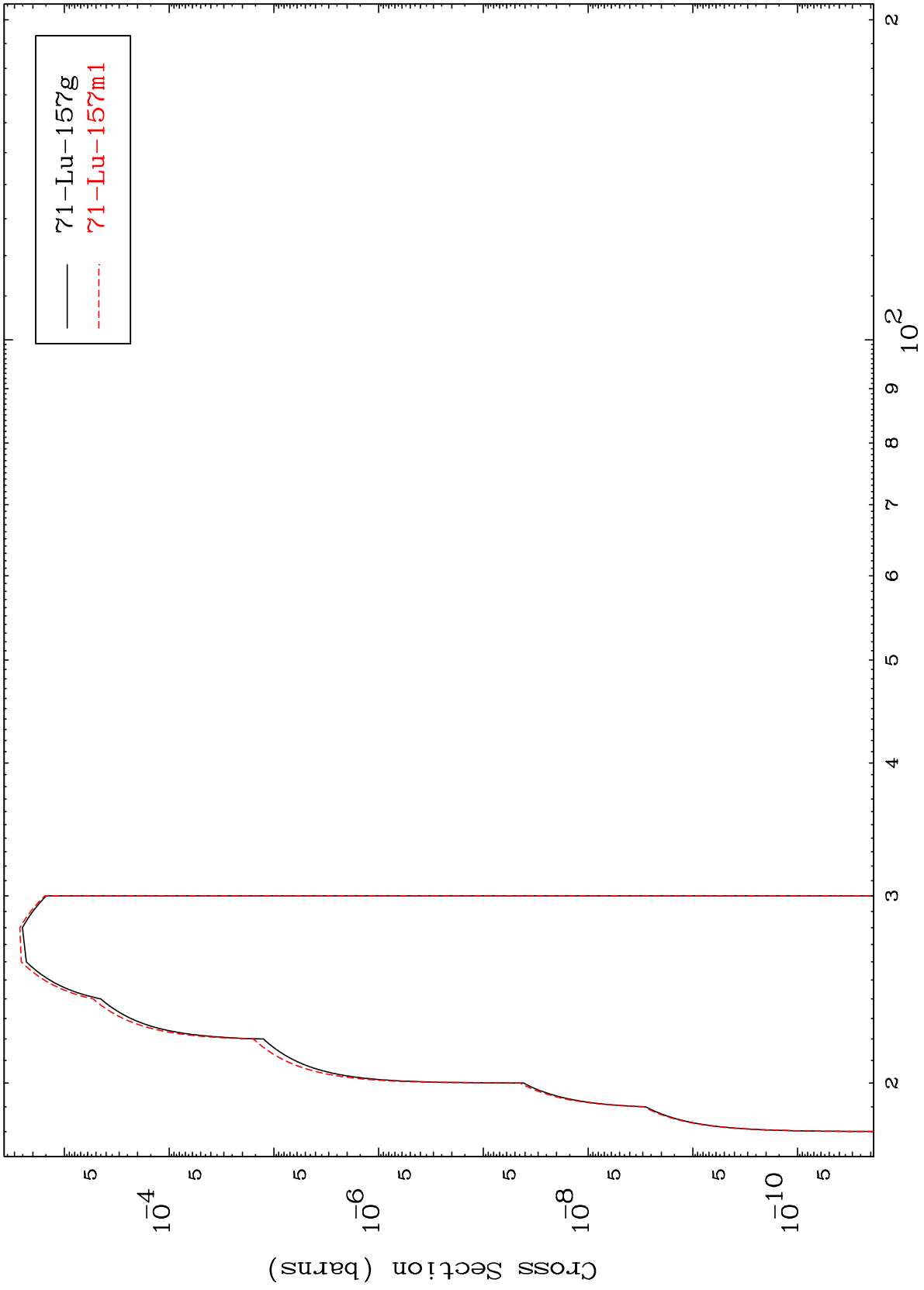
71-Lu-158

MAT 7074

(t,3n) p

⁷¹Lu-158

Radionuclide Production Cross Section



17

Incident Energy (MeV)

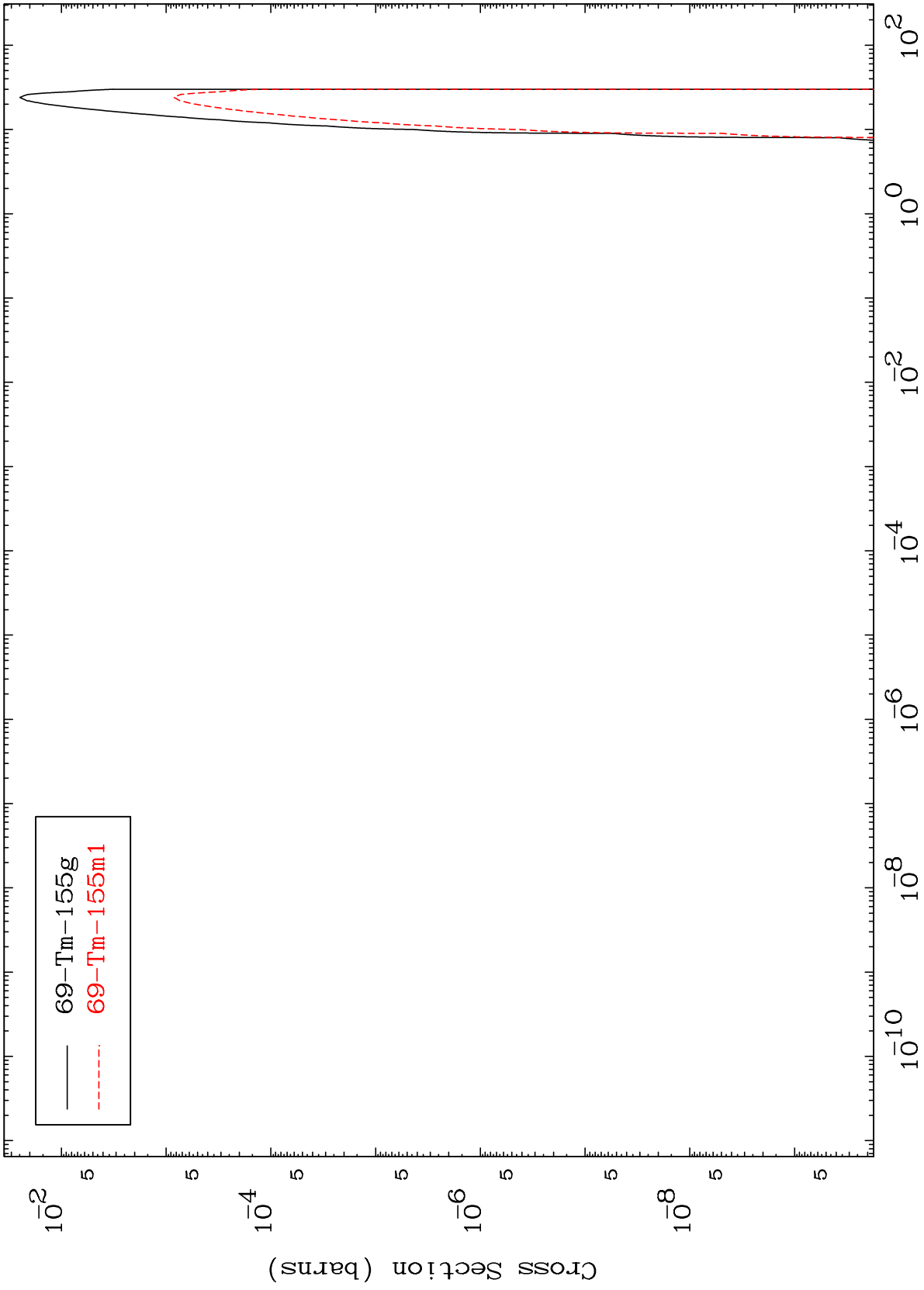
⁷¹Lu-158

MAT 7074

(t,n') p α

71-Lu-158

Radionuclide Production Cross Section



18

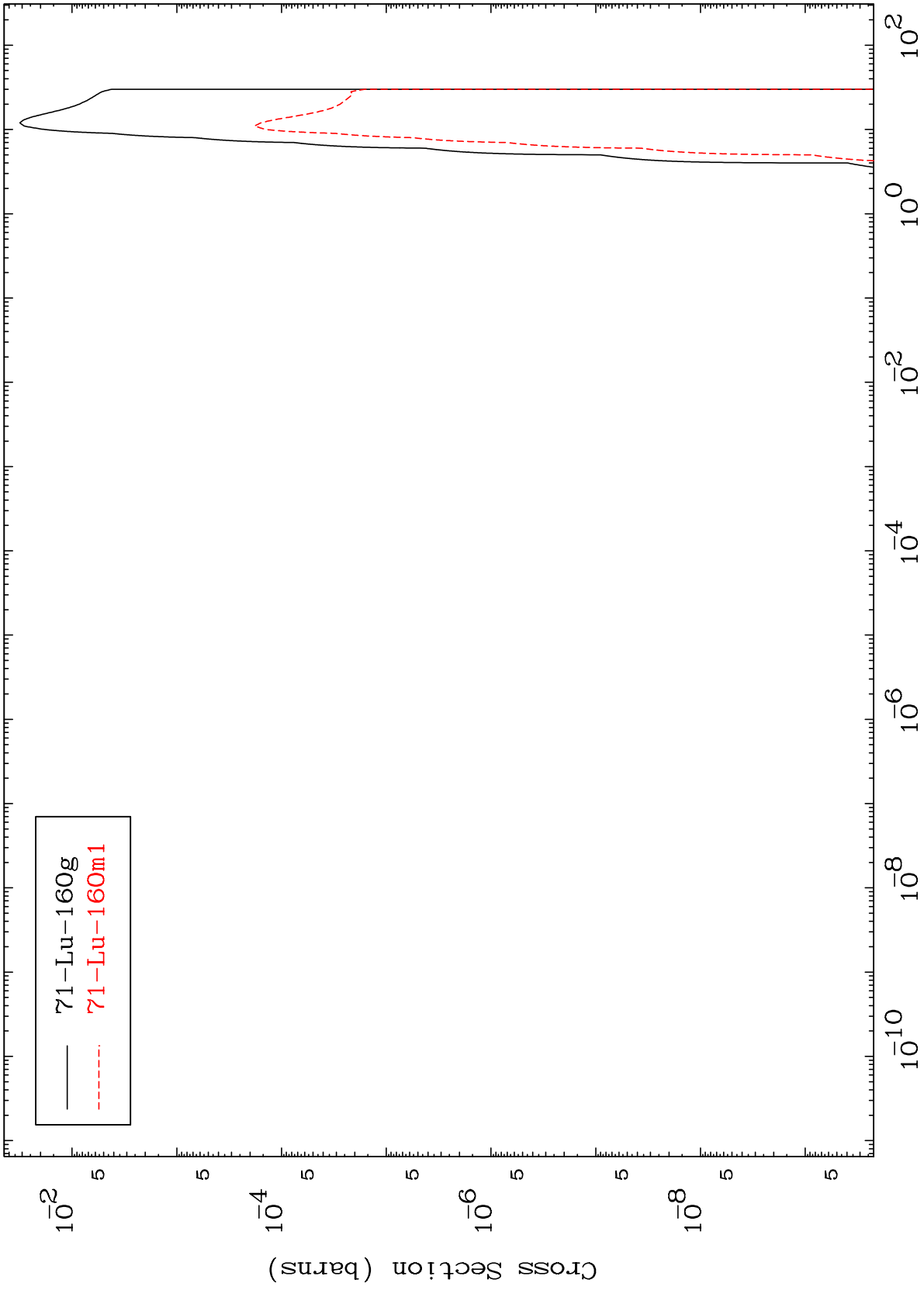
Incident Energy (MeV)

71-Lu-158

MAT 7074

(t,p)
Radionuclide Production Cross Section

71-Lu-158



19

Incident Energy (MeV)

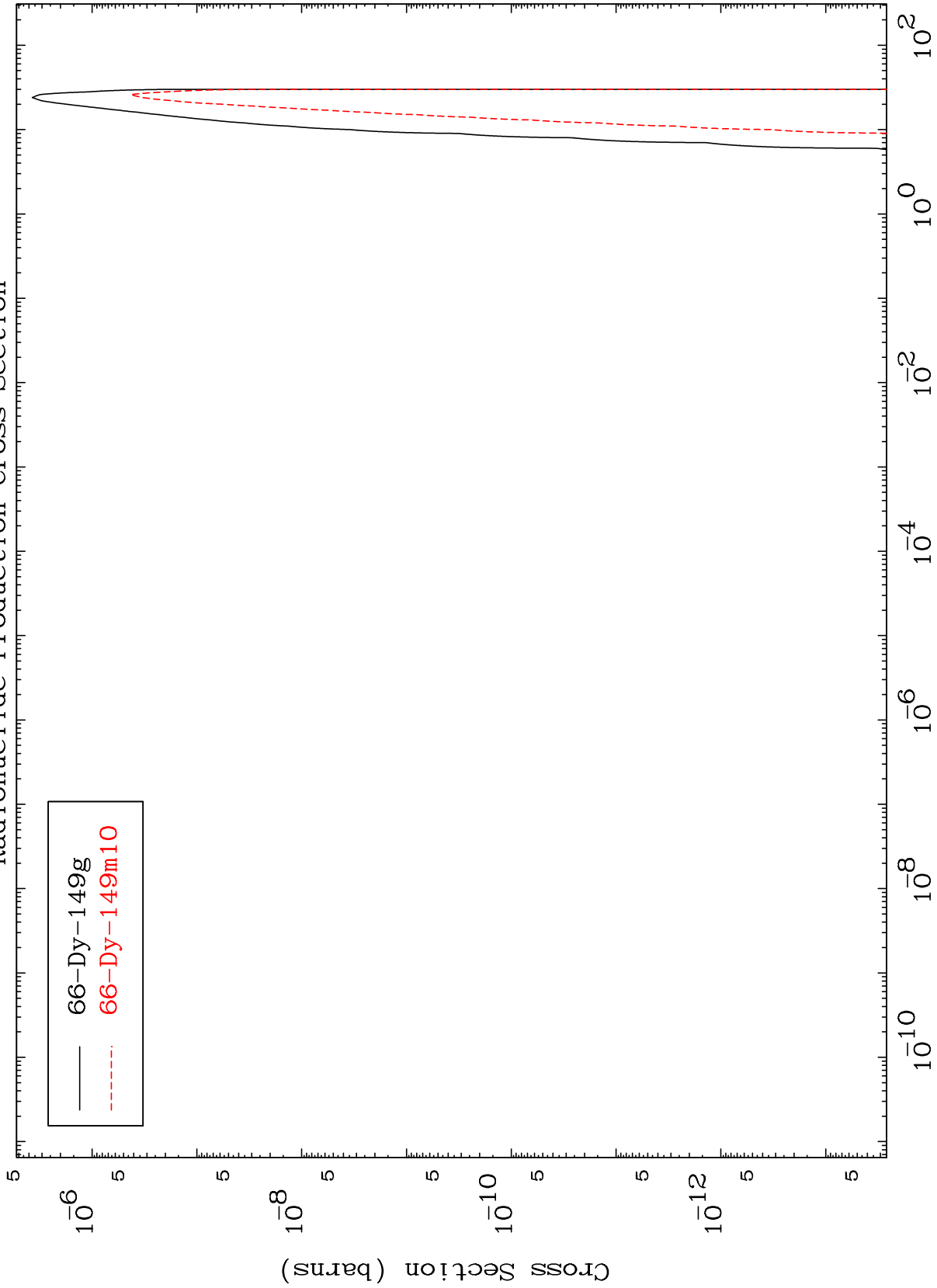
71-Lu-158

MAT 7074

(t, 3α)

71-Lu-158

Radionuclide Production Cross Section



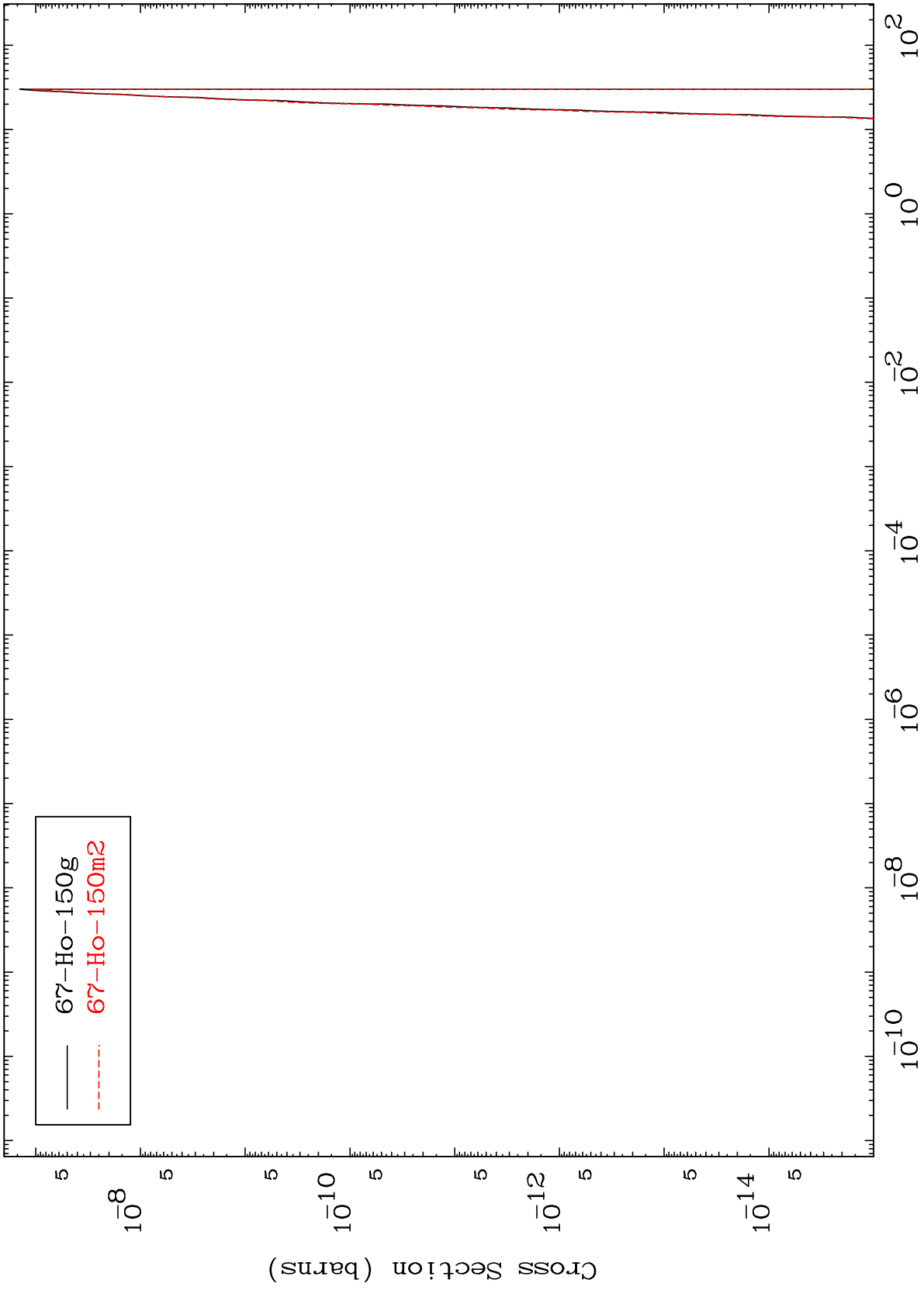
— 66-Dy-149g
- - - 66-Dy-149m10

MAT 7074

(t, t) 2α

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section

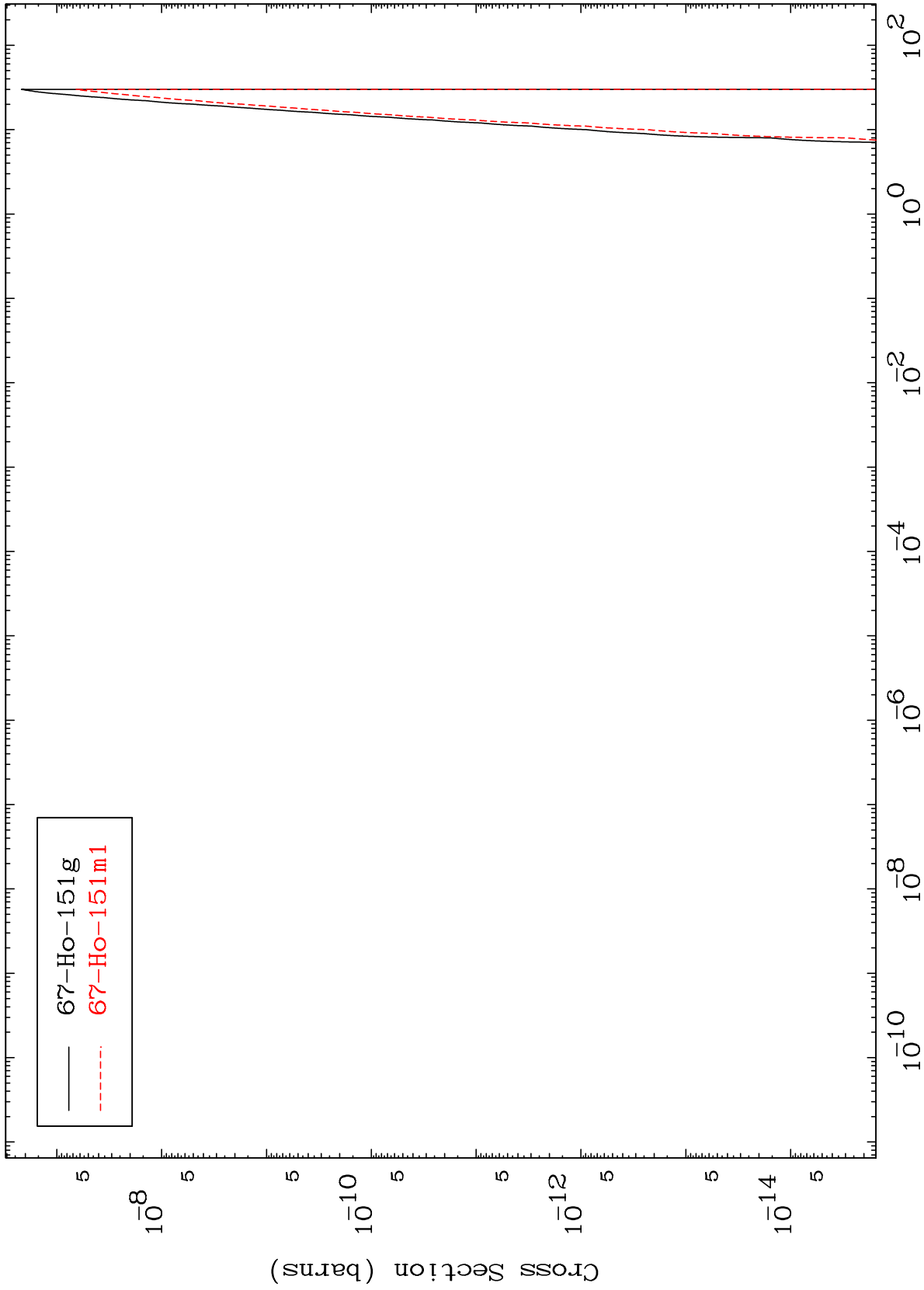


MAT 7074

(t,d) 2α

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

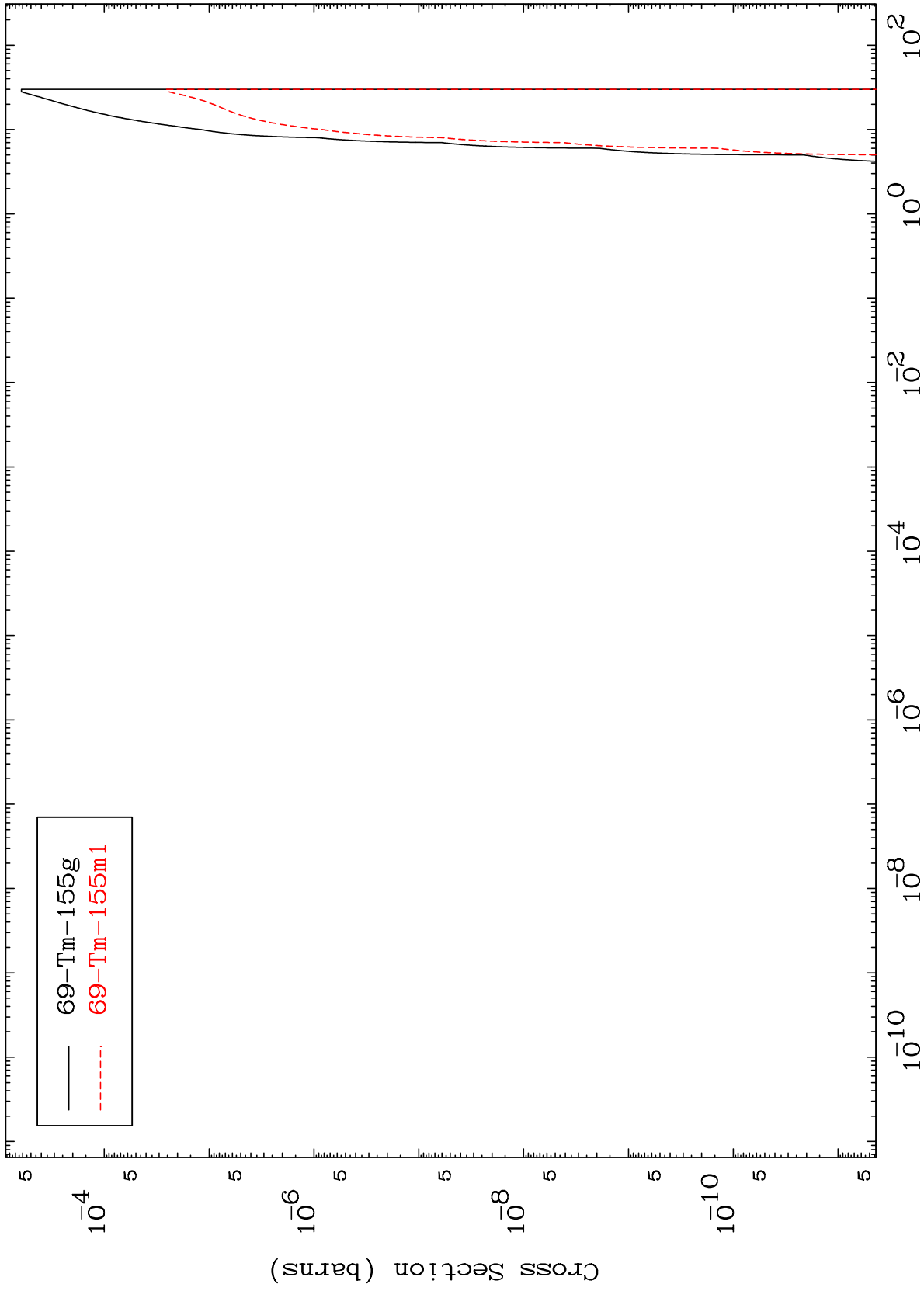
$^{71}\text{Lu-158}$

MAT 7074

(t,d) α

71-Lu-158

Radionuclide Production Cross Section



23

Incident Energy (MeV)

71-Lu-158