

Program EVALPLOT
(Version 2021-1)

by

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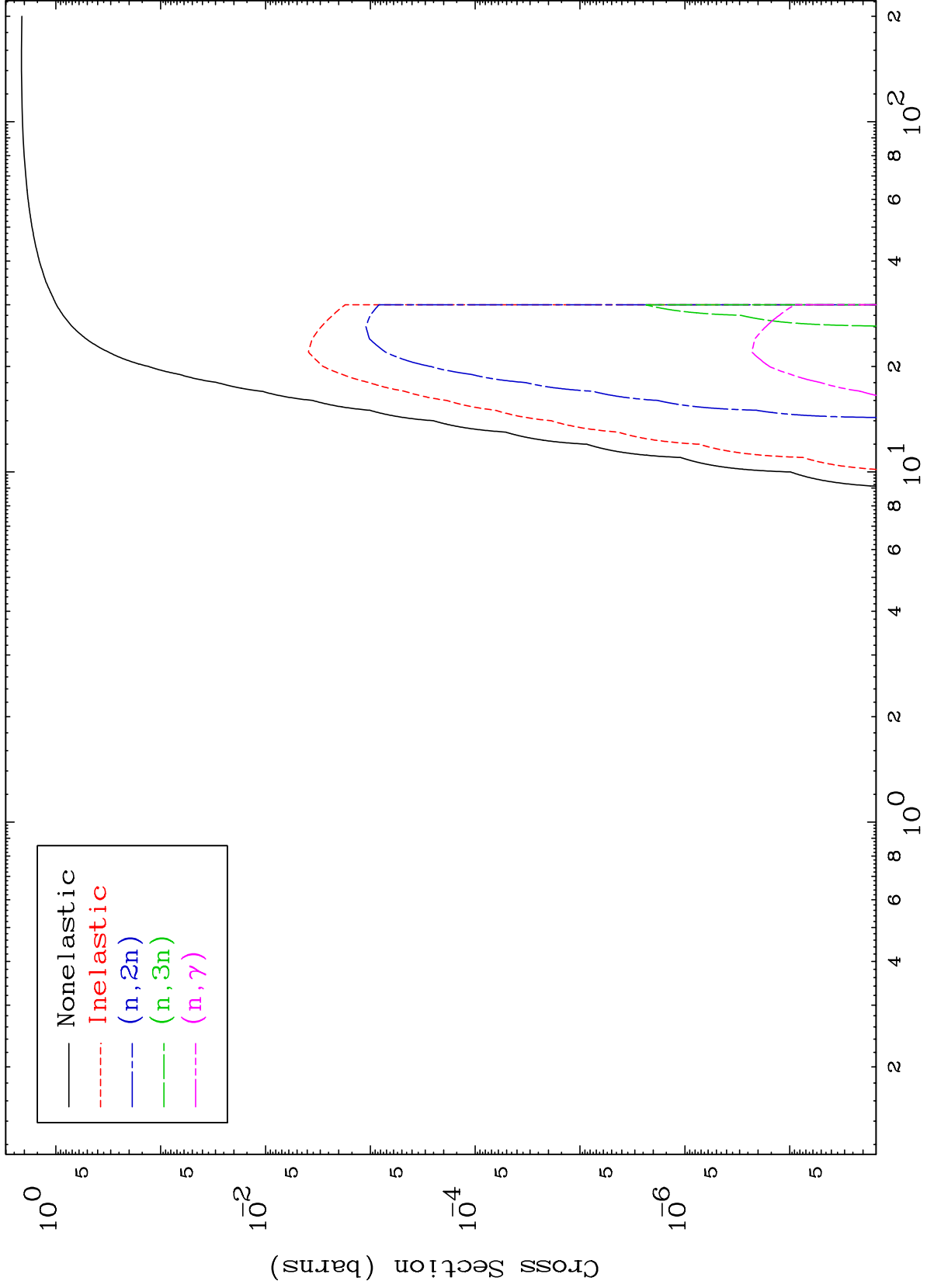
Press Mouse Button to Start

MAT 7074

He-3 Major

71-Lu-158

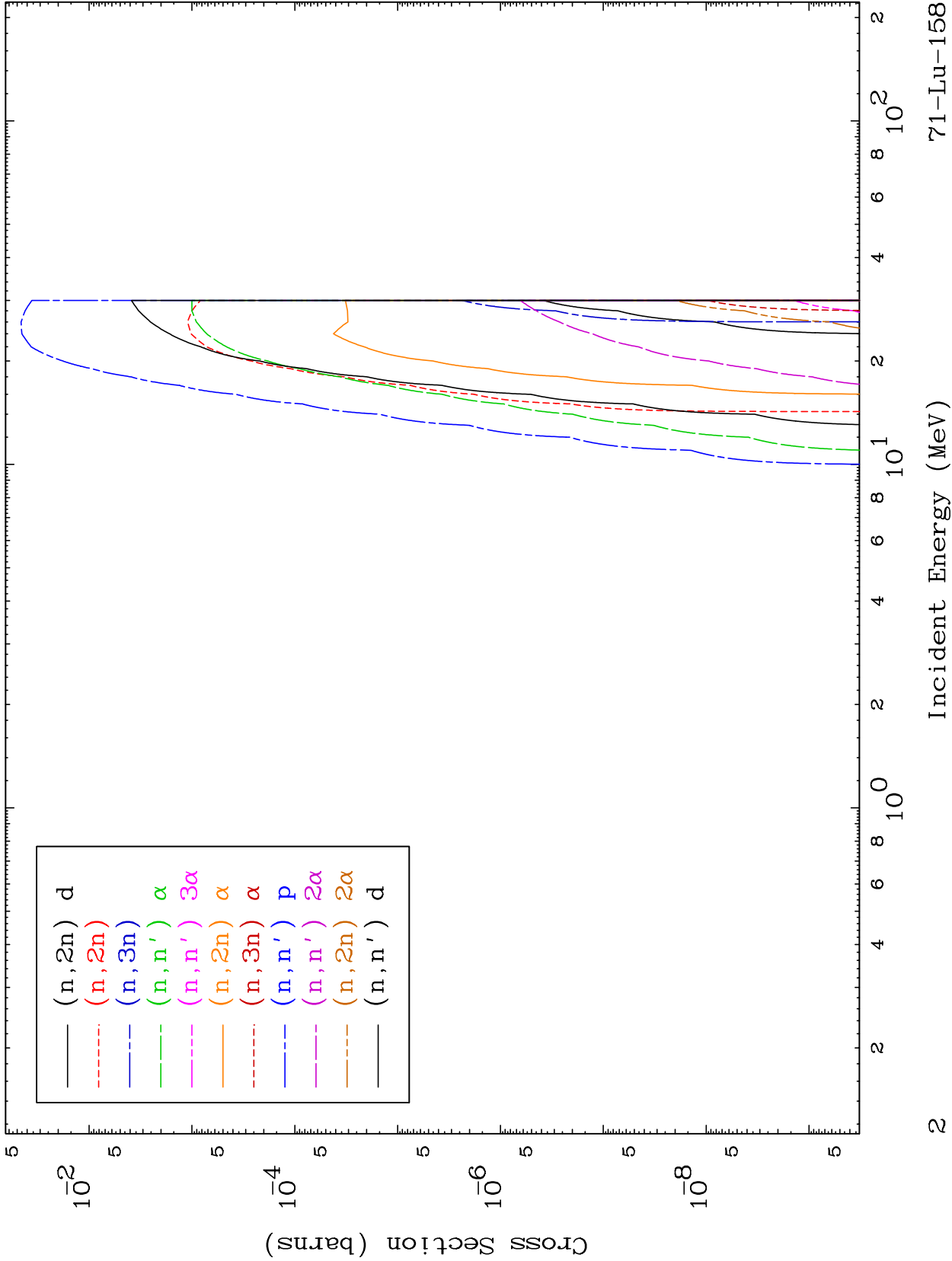
0 Kelvin Cross Sections



MAT 7074

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-158



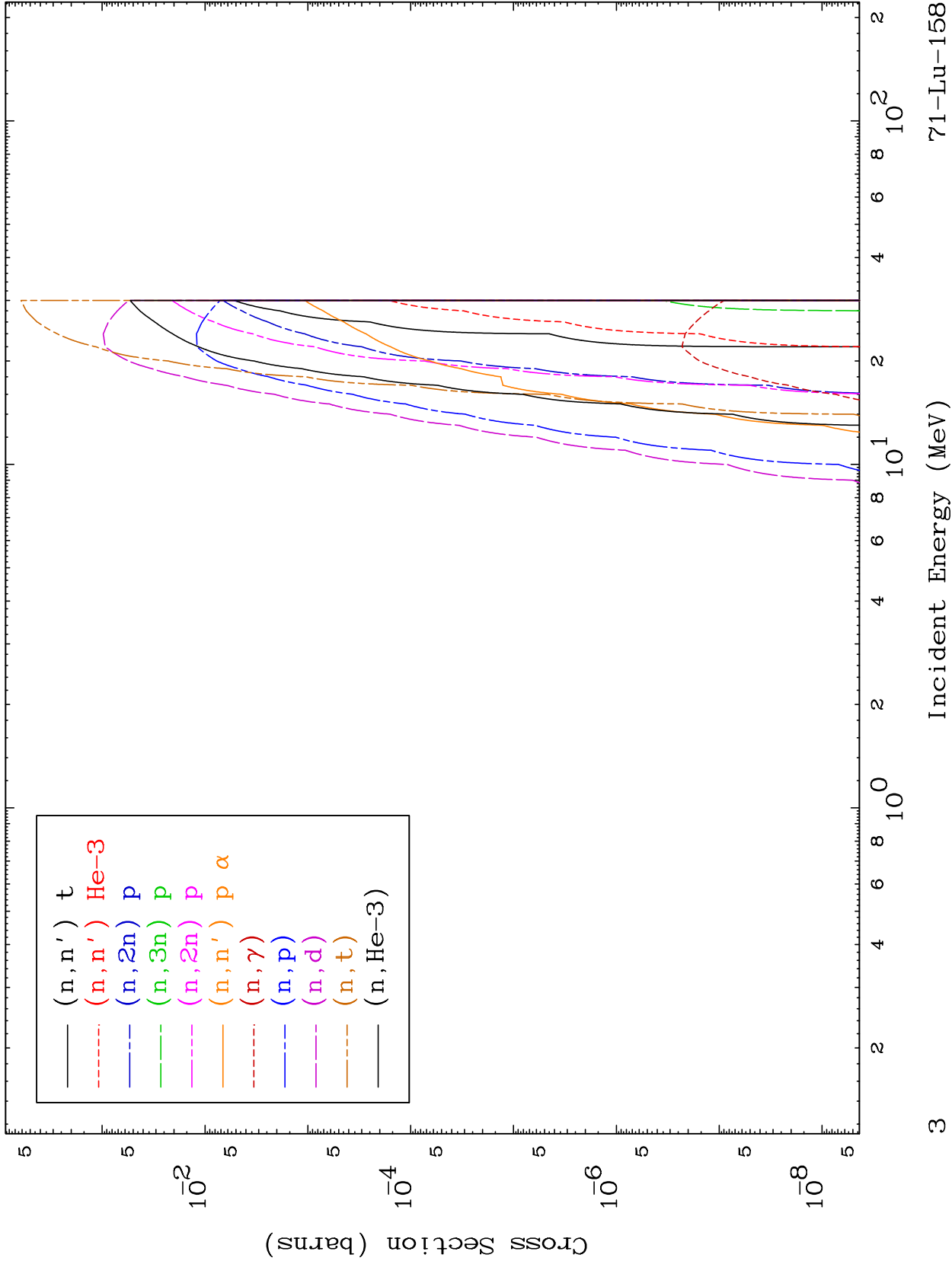
71-Lu-158

Incident Energy (MeV)

MAT 7074

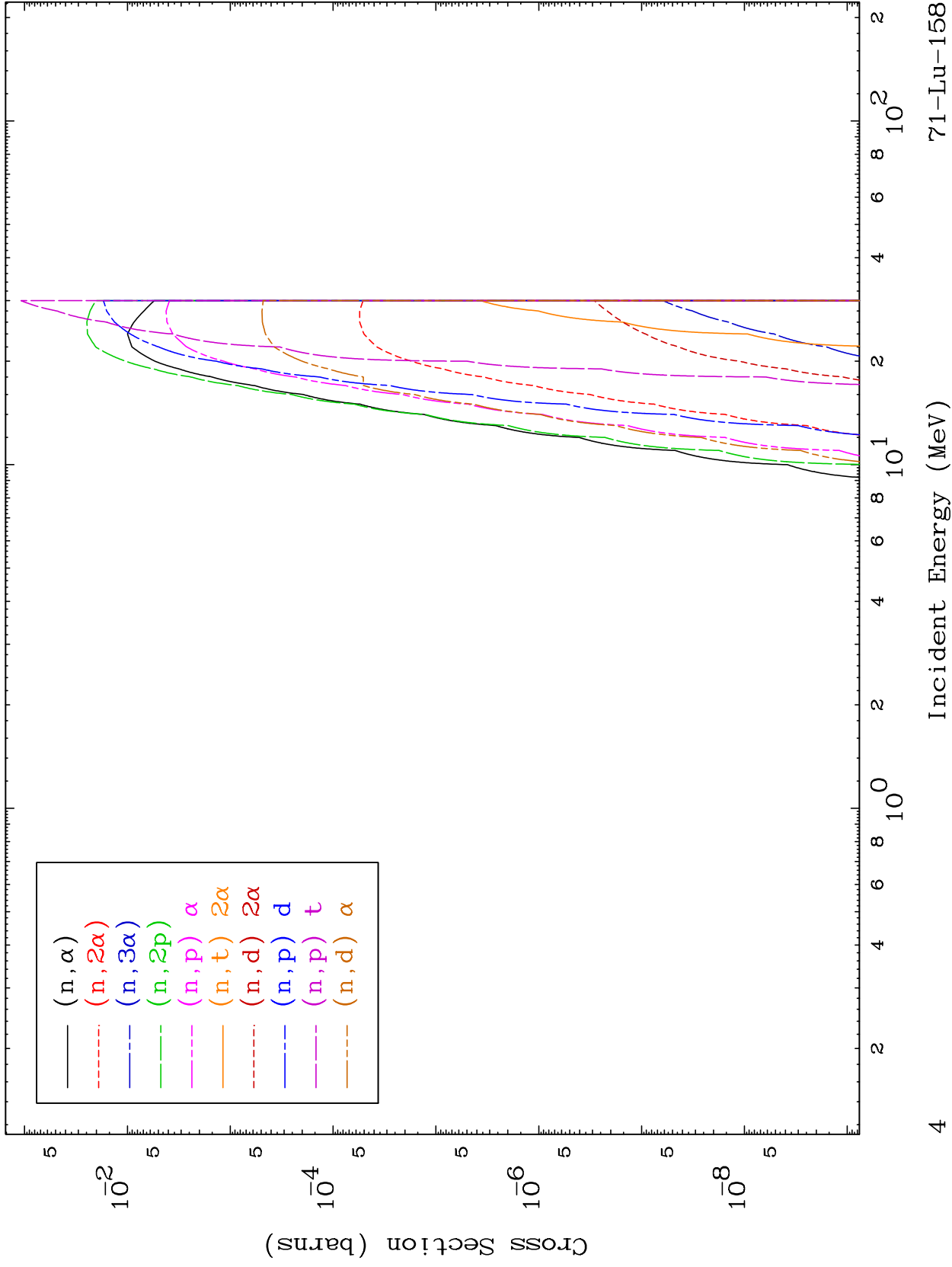
He-3 Neutron Absorption
0 Kelvin Cross Sections

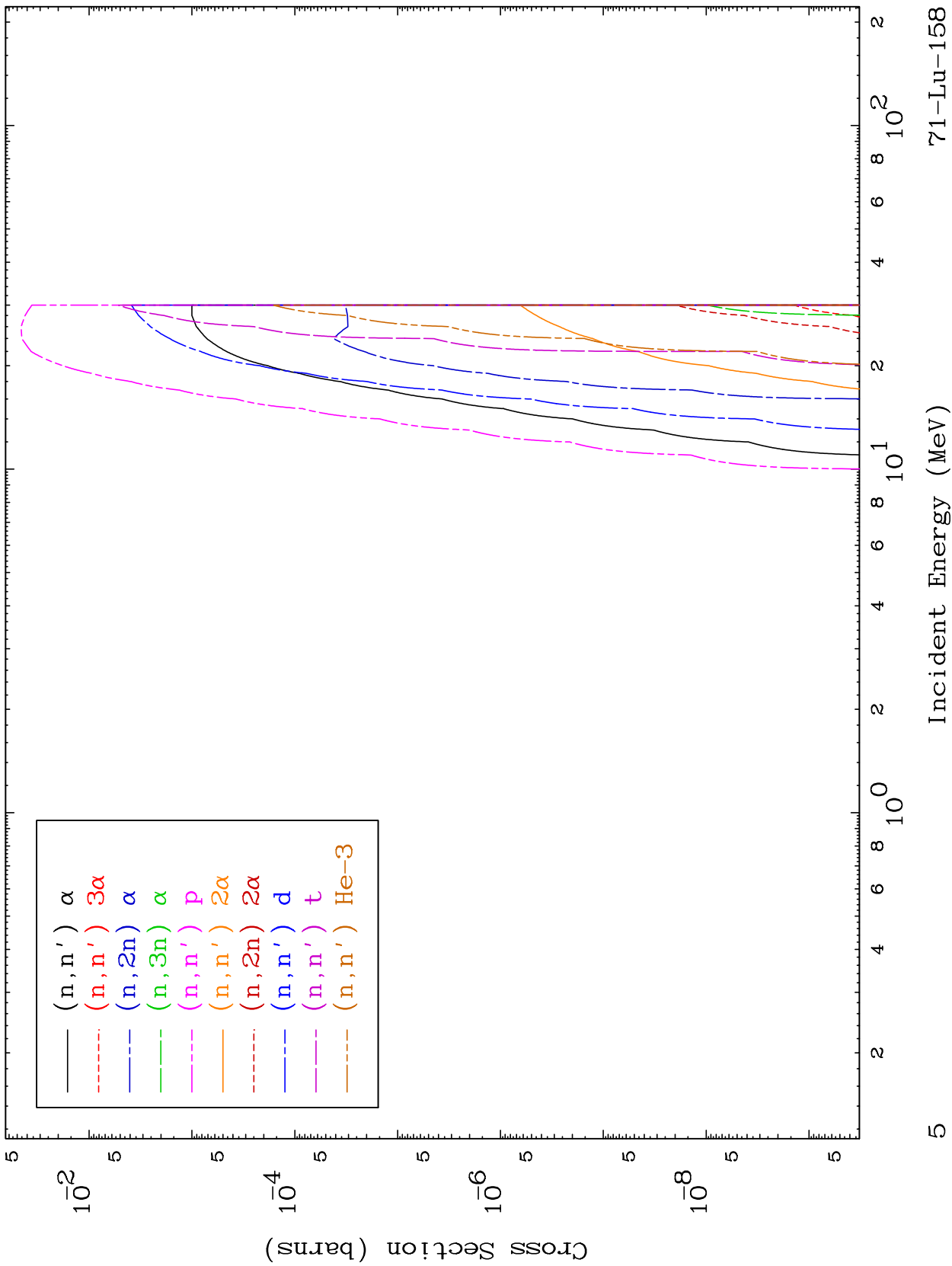
71-Lu-158



71-Lu-158

Incident Energy (MeV)

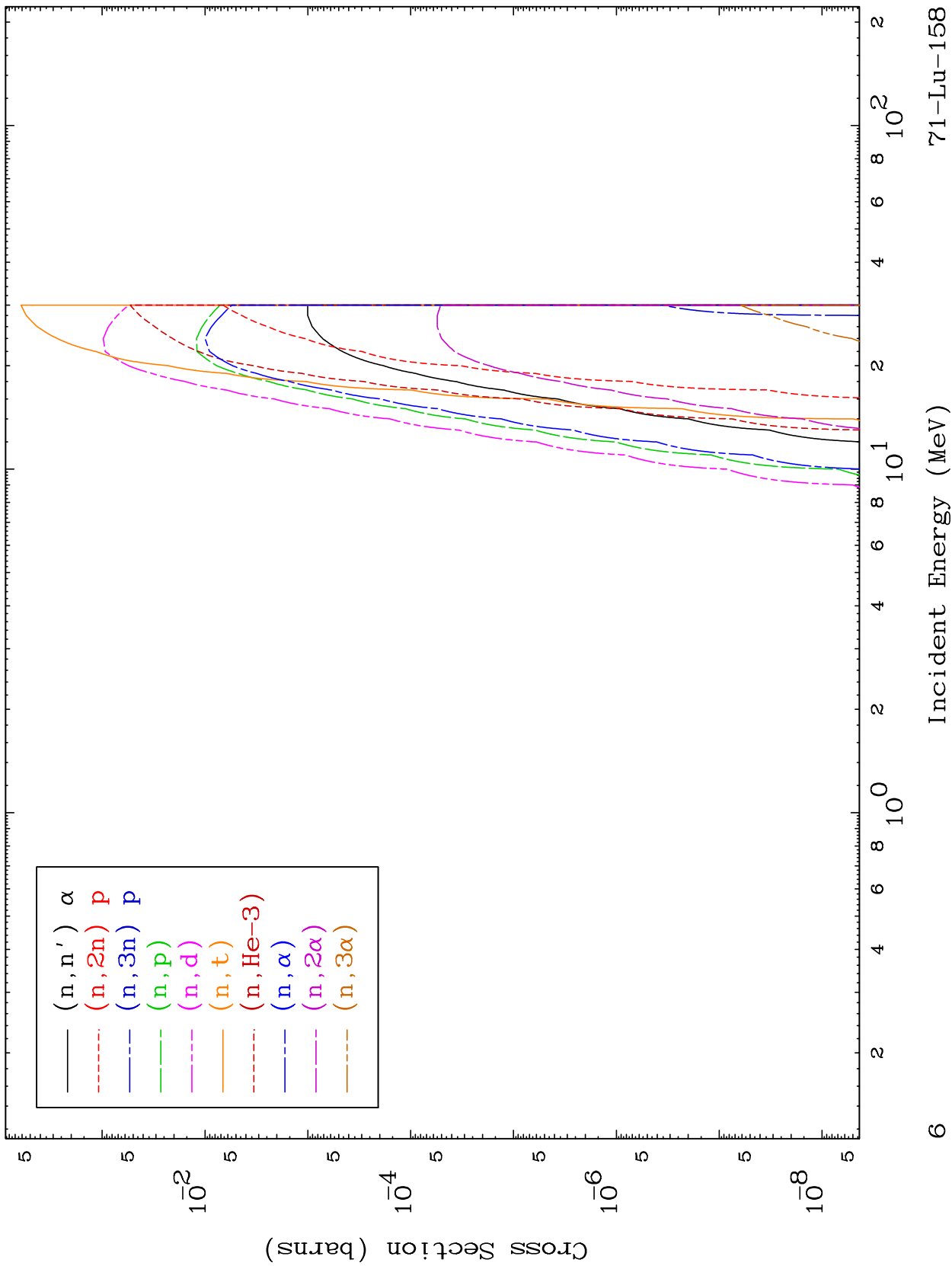


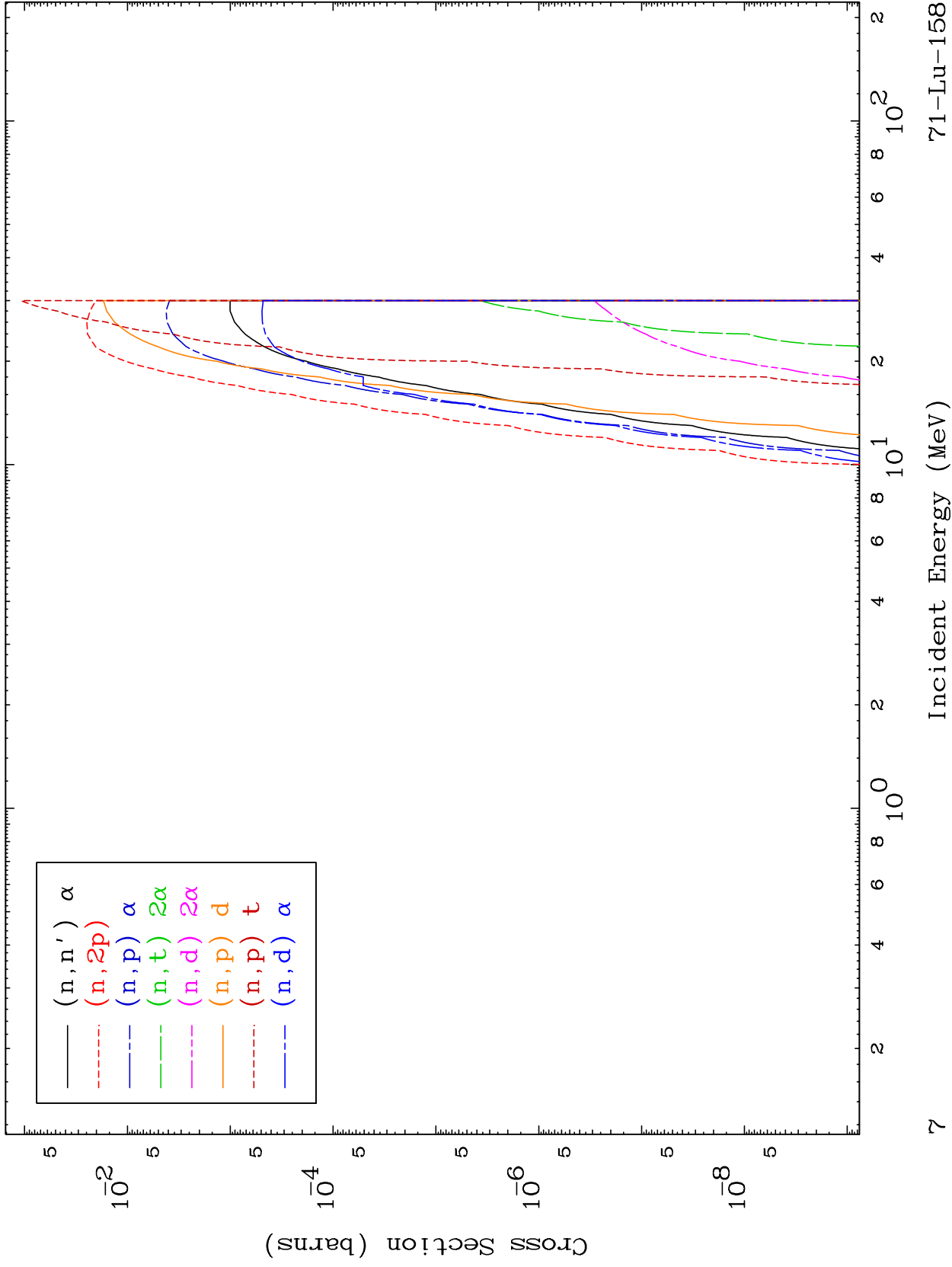


MAT 7074

He-3 Charged Particle
0 Kelvin Cross Sections

71-Lu-158



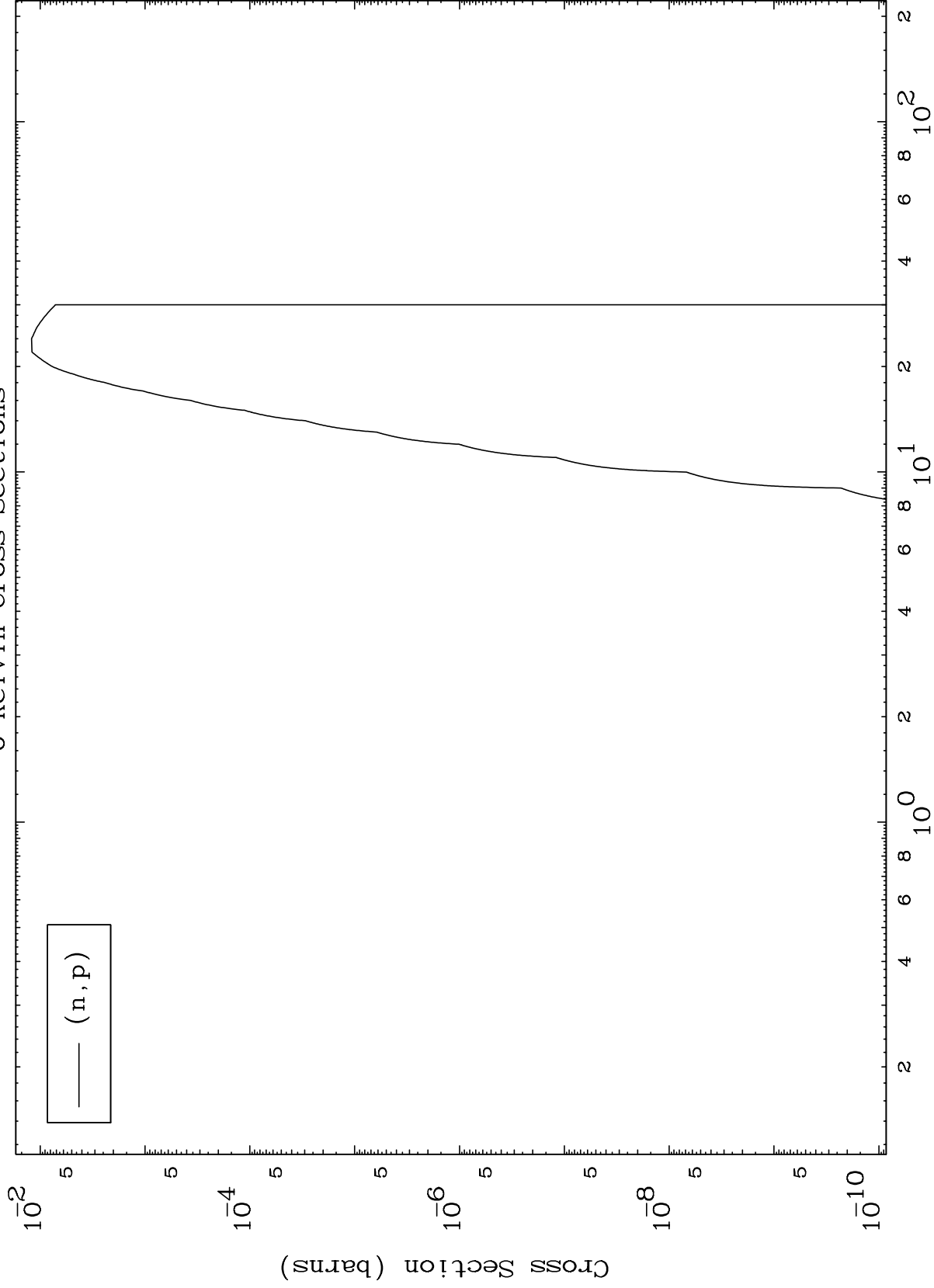


MAT 7074

(He-3,p) Levels

71-Lu-158

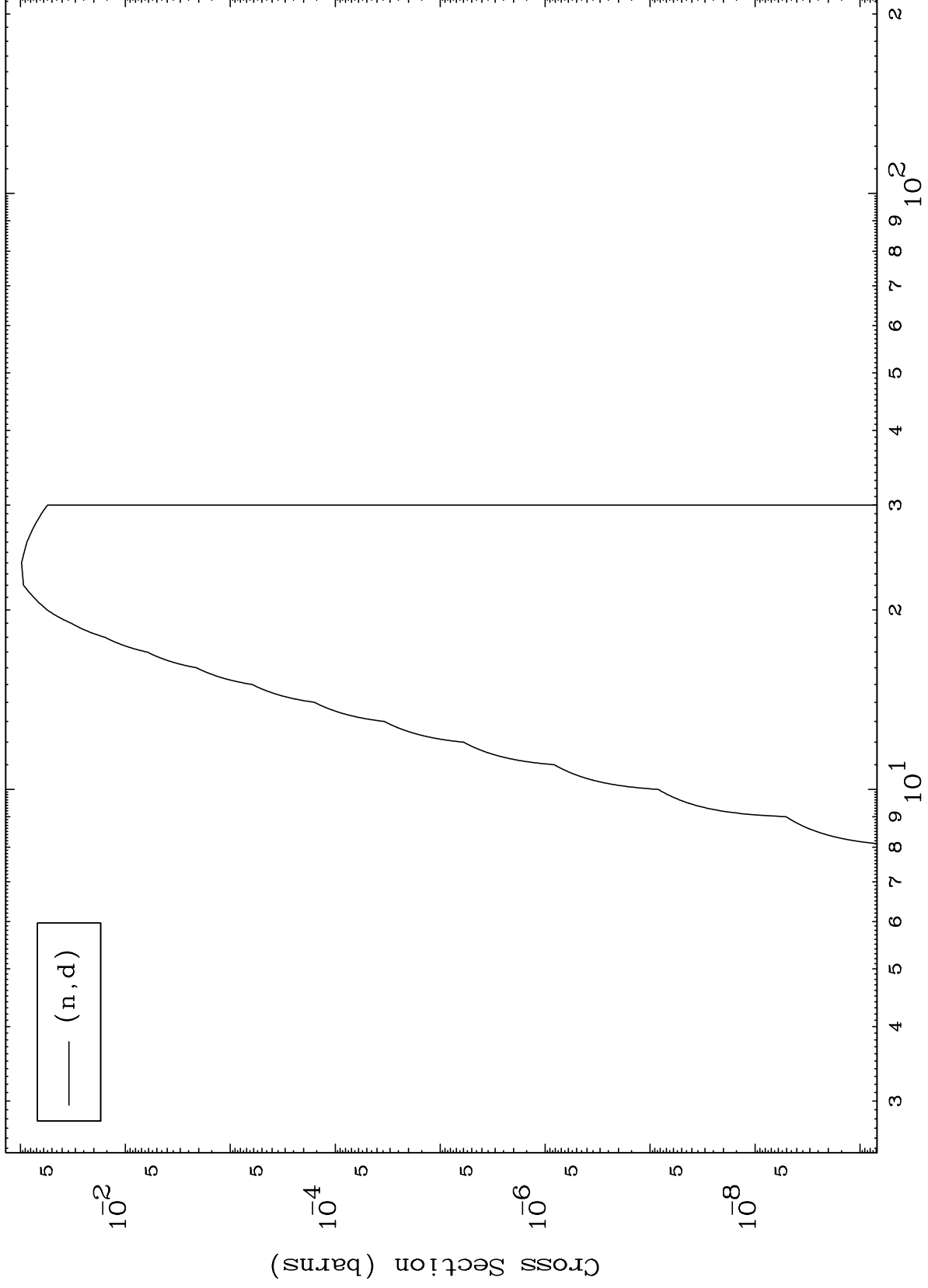
0 Kelvin Cross Sections



MAT 7074

(He-3,d) Levels
0 Kelvin Cross Sections

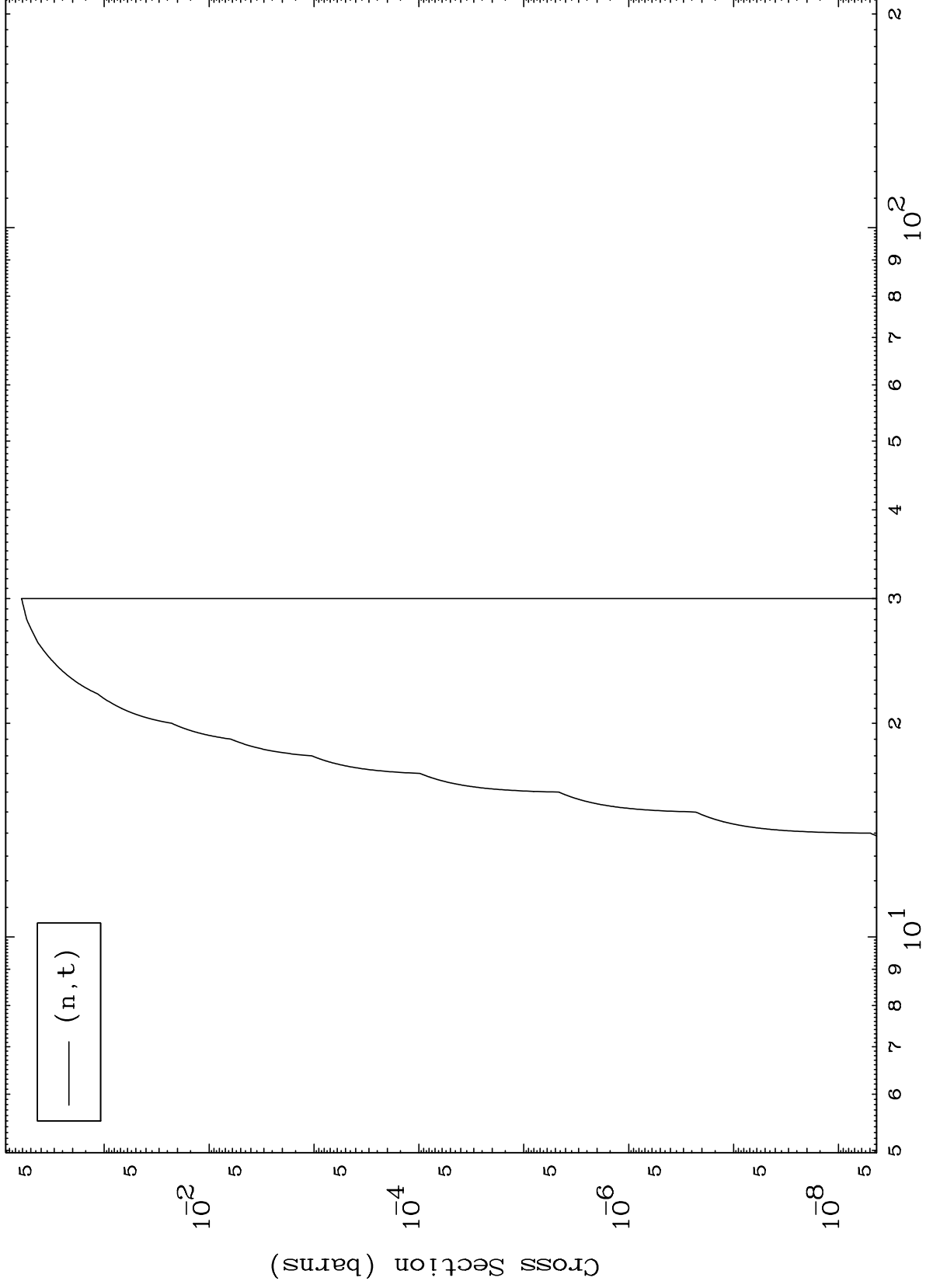
71-Lu-158



MAT 7074

(He-3,t) Levels
0 Kelvin Cross Sections

71-Lu-158



10

Incident Energy (MeV)

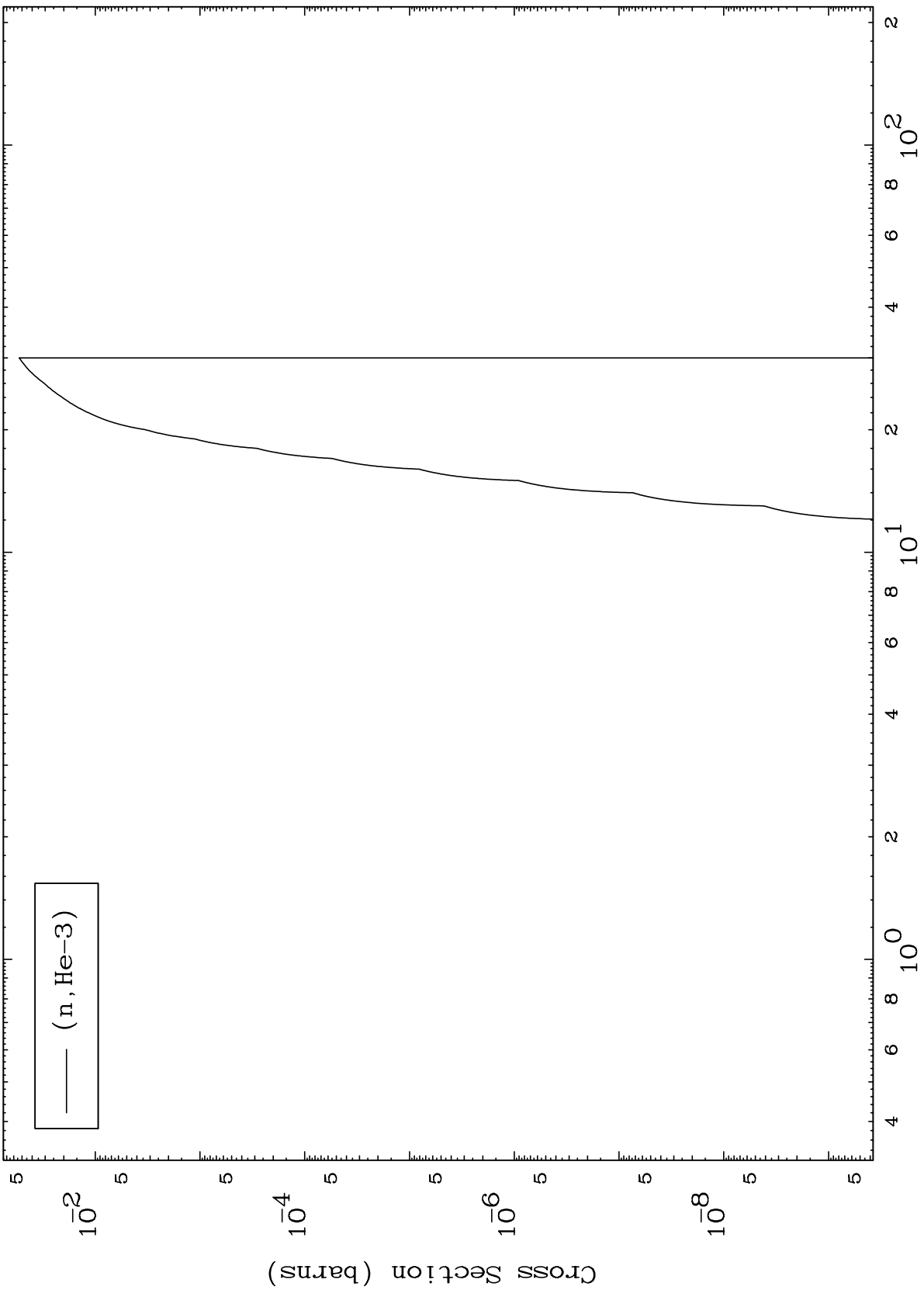
71-Lu-158

MAT 7074

(He-3, He3) Levels

71-Lu-158

0 Kelvin Cross Sections



11

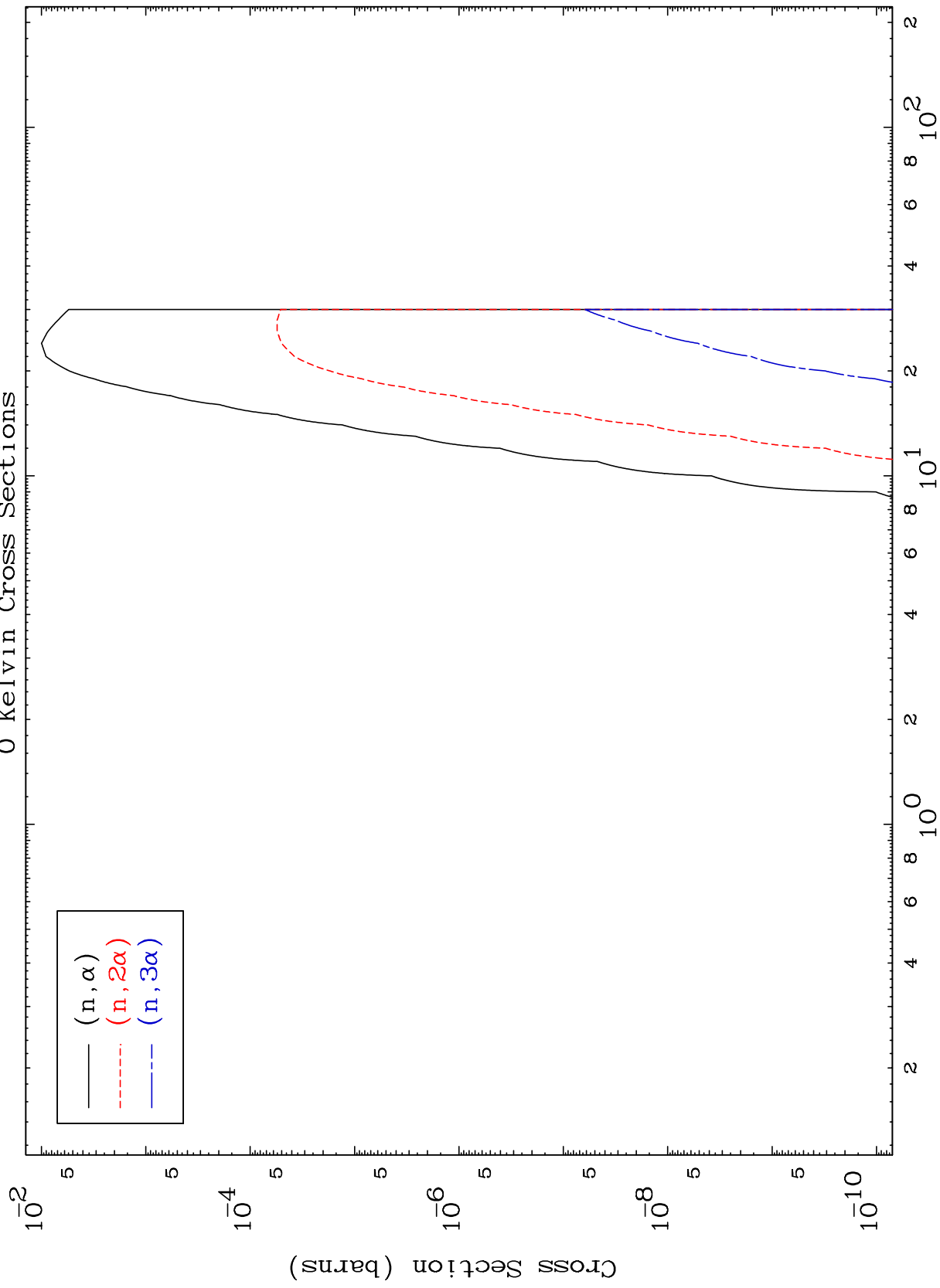
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

(He-3, α) Levels
0 Kelvin Cross Sections



71-Lu-158

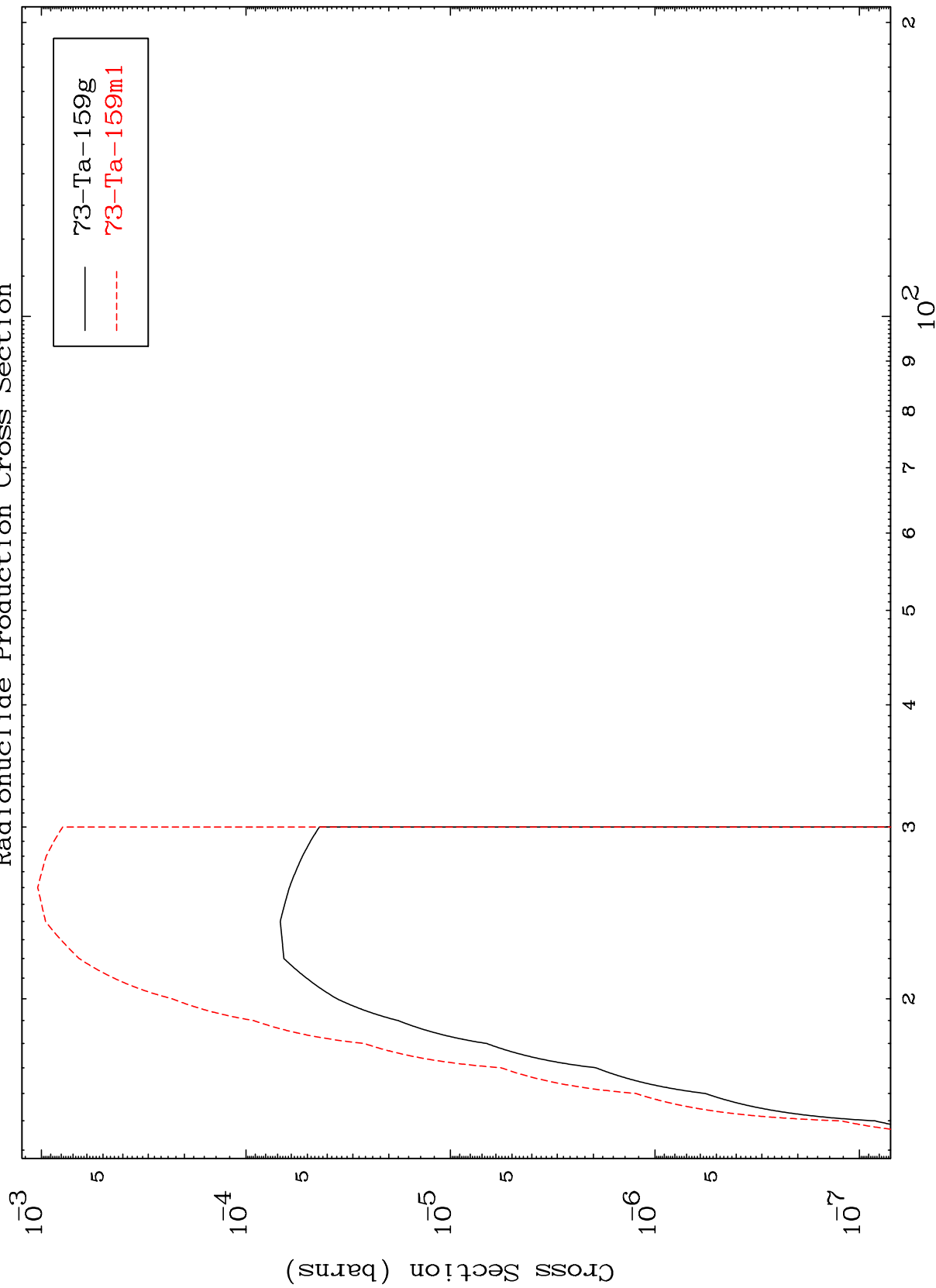
Incident Energy (MeV)

12

MAT 7074

71-Lu-158

(n,2n)
Radionuclide Production Cross Section



13

71-Lu-158

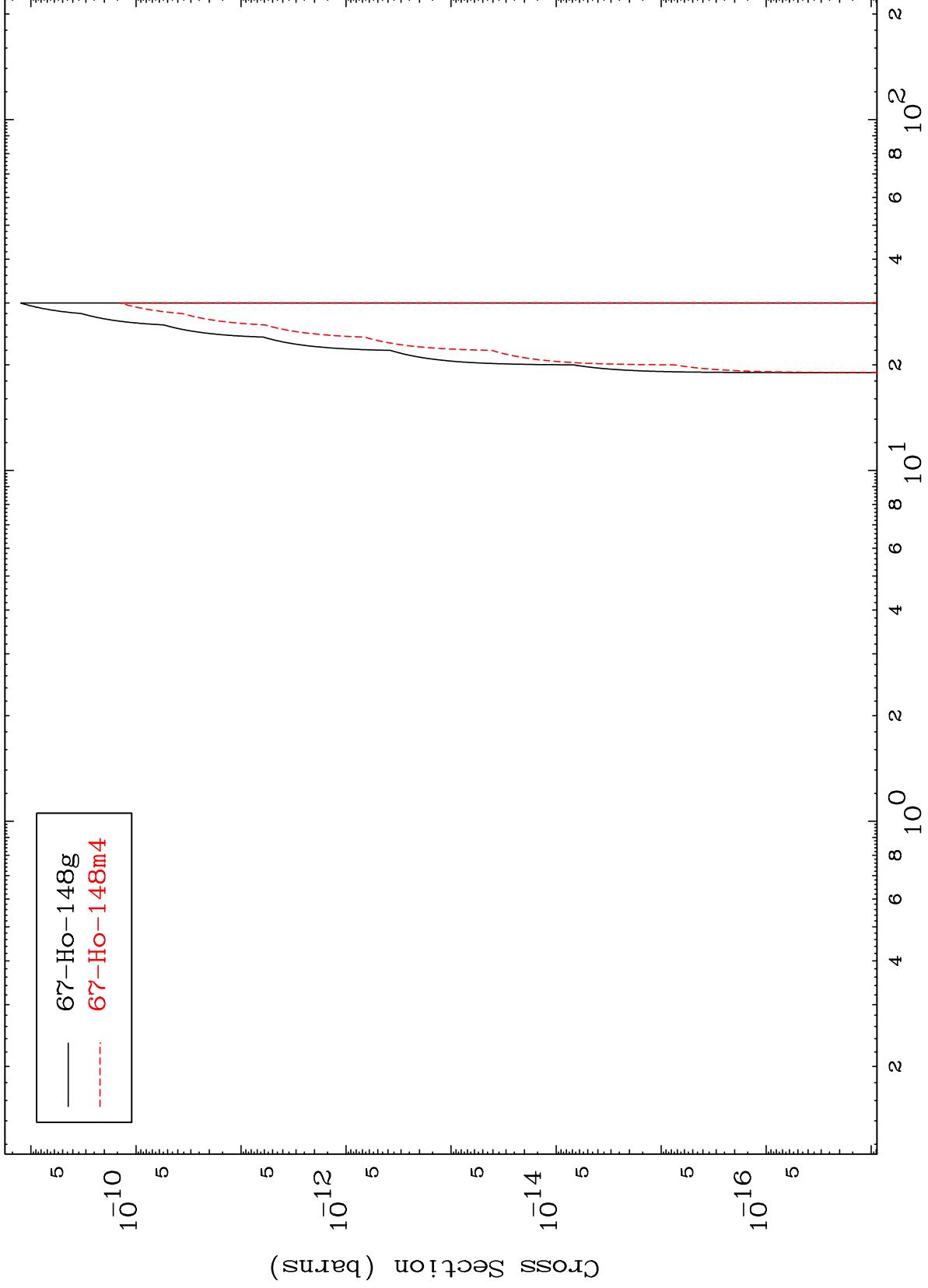
Incident Energy (MeV)

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(n,n') 3 α

71-Lu-158

Radionuclide Production Cross Section

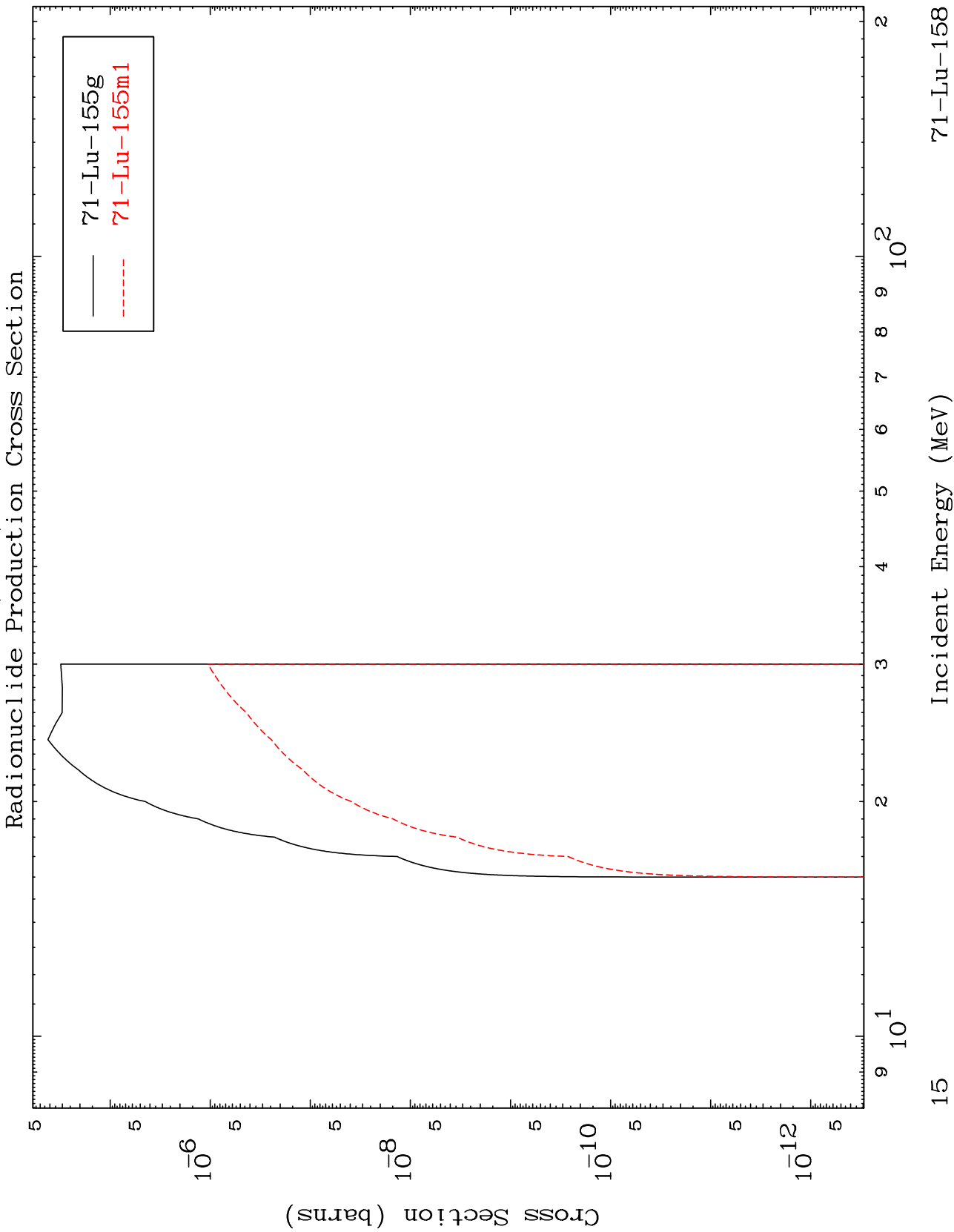


67-Ho-148g
67-Ho-148m4

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(n,2n) α

71-Lu-158



15

Incident Energy (MeV)

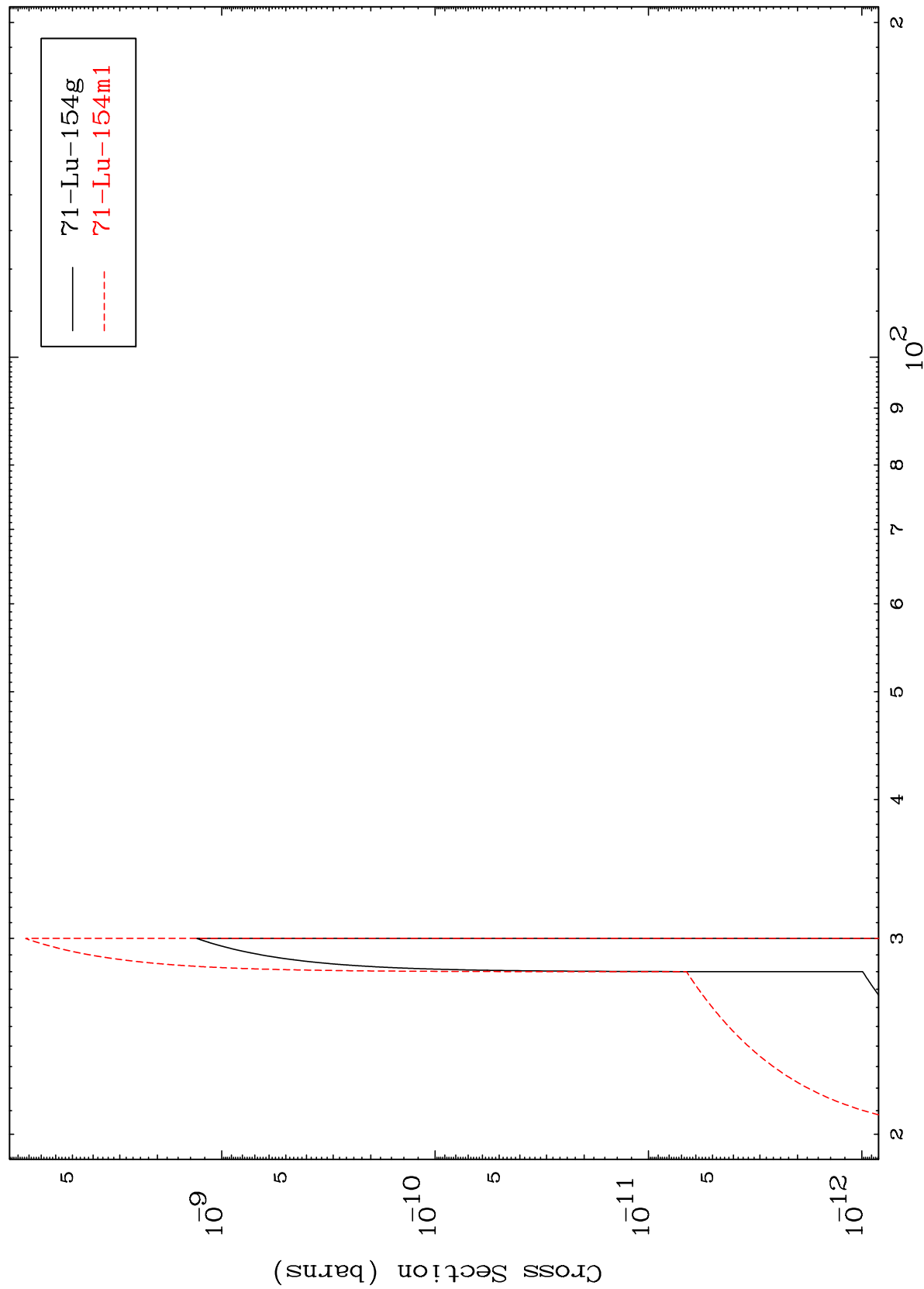
71-Lu-158

MAT 7074

(n,3n) α

⁷¹Lu-158

Radionuclide Production Cross Section



16

Incident Energy (MeV)

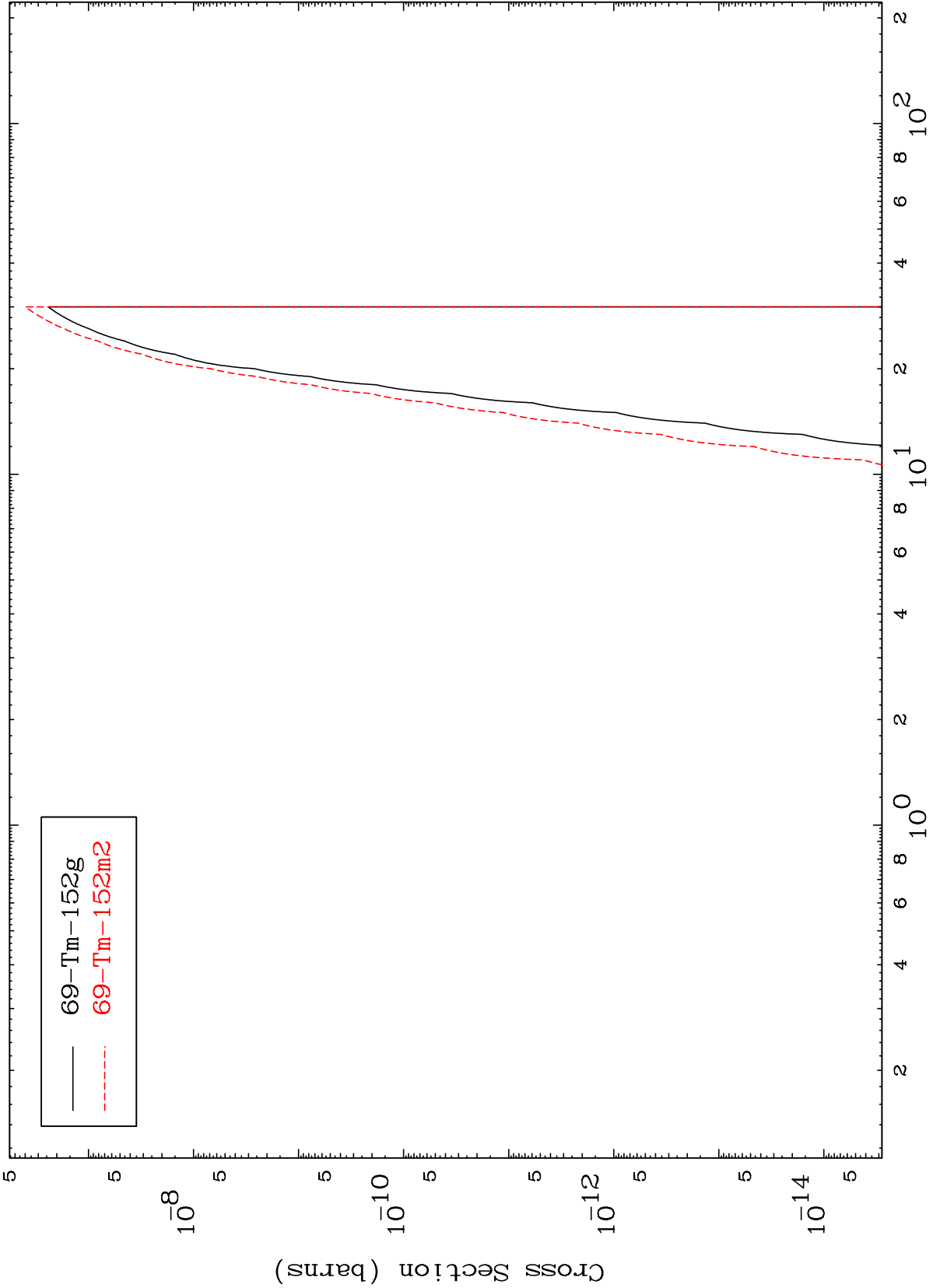
⁷¹Lu-158

MAT 7074

(n,n') 2α

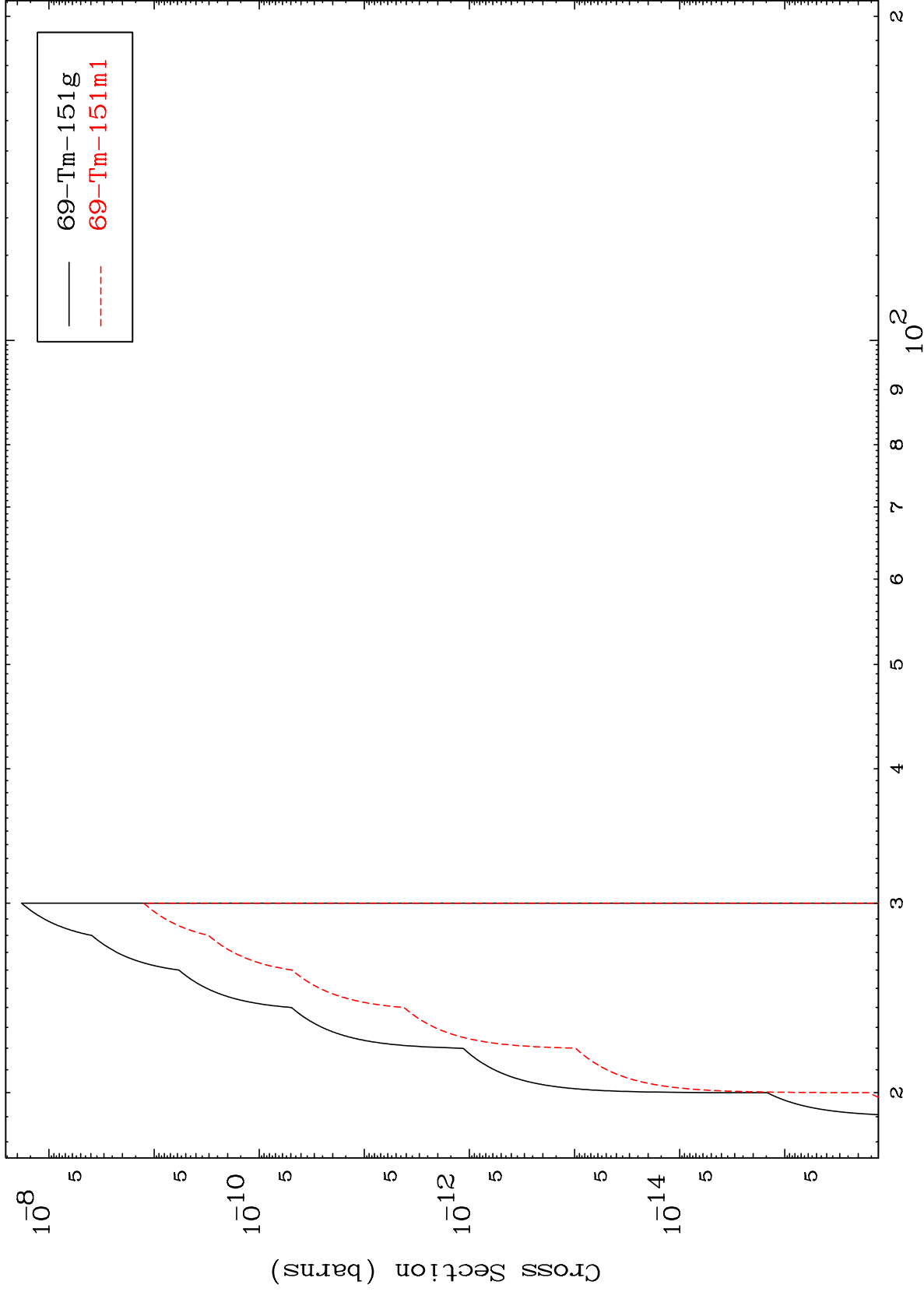
71-Lu-158

Radionuclide Production Cross Section



69-Tm-152g
69-Tm-152m2

Radionuclide Production Cross Section

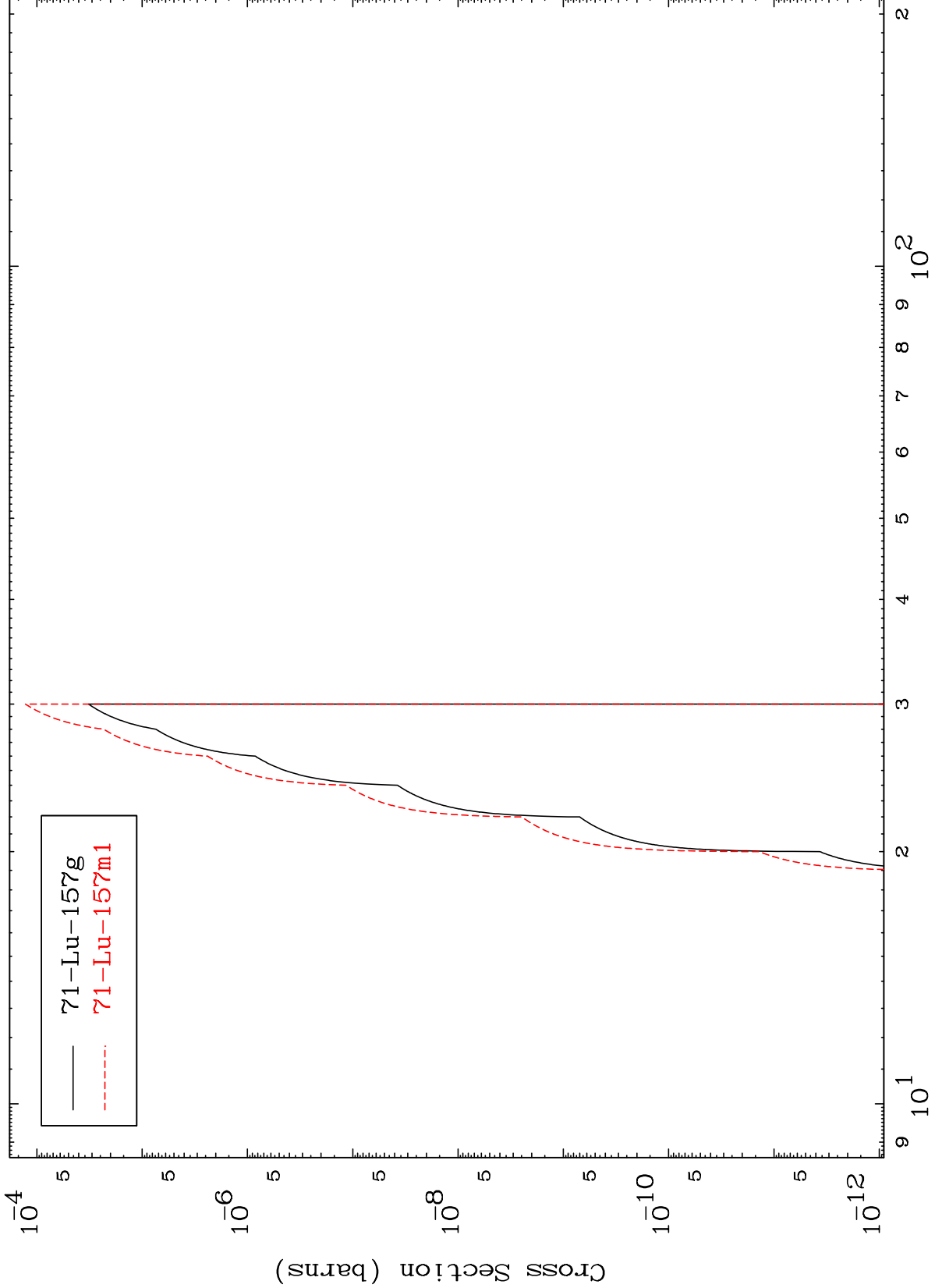


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(n,n') He-3

71-Lu-158

Radionuclide Production Cross Section



71-Lu-157g
71-Lu-157m1

19

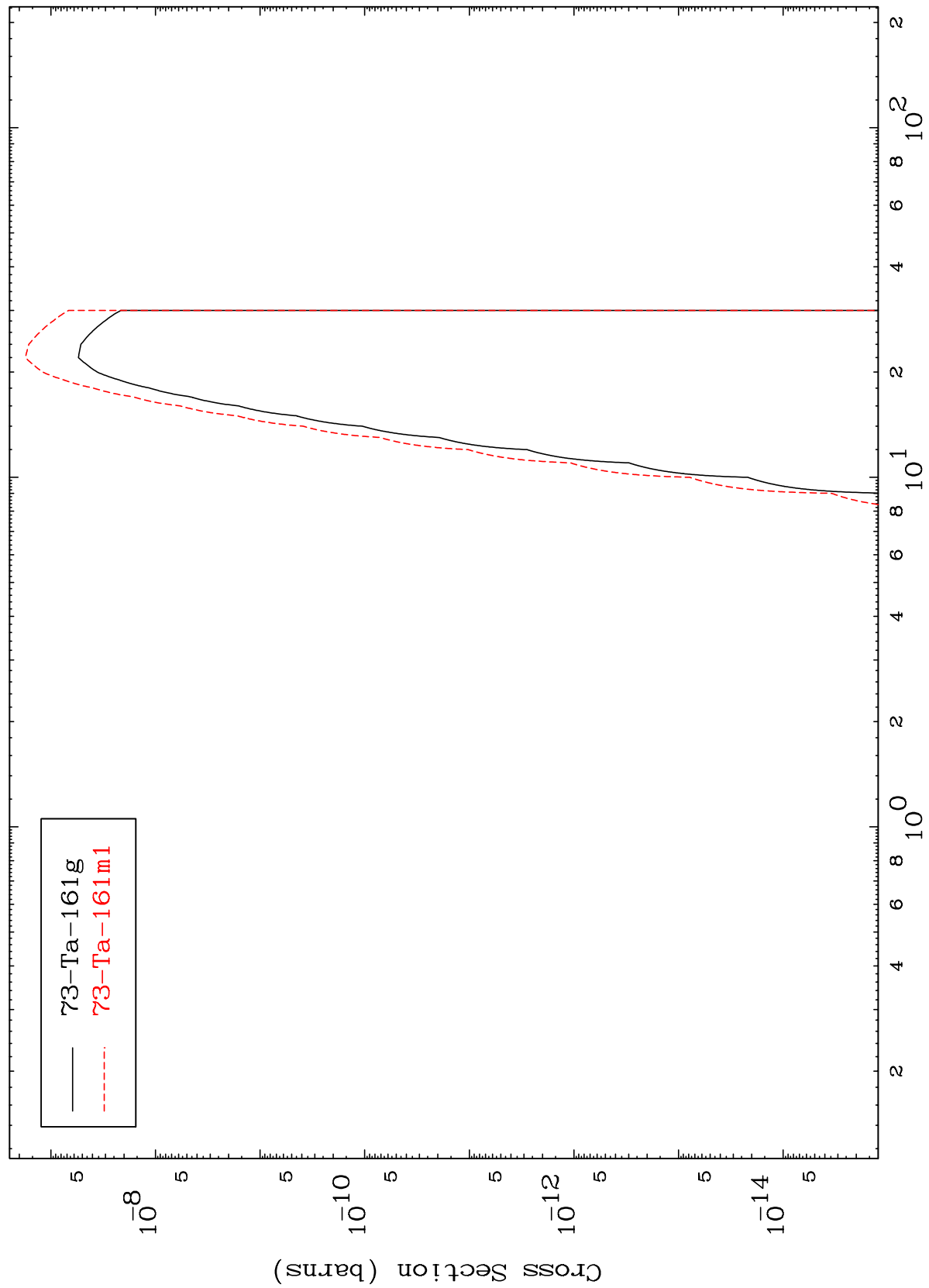
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

(n, γ)
Radionuclide Production Cross Section

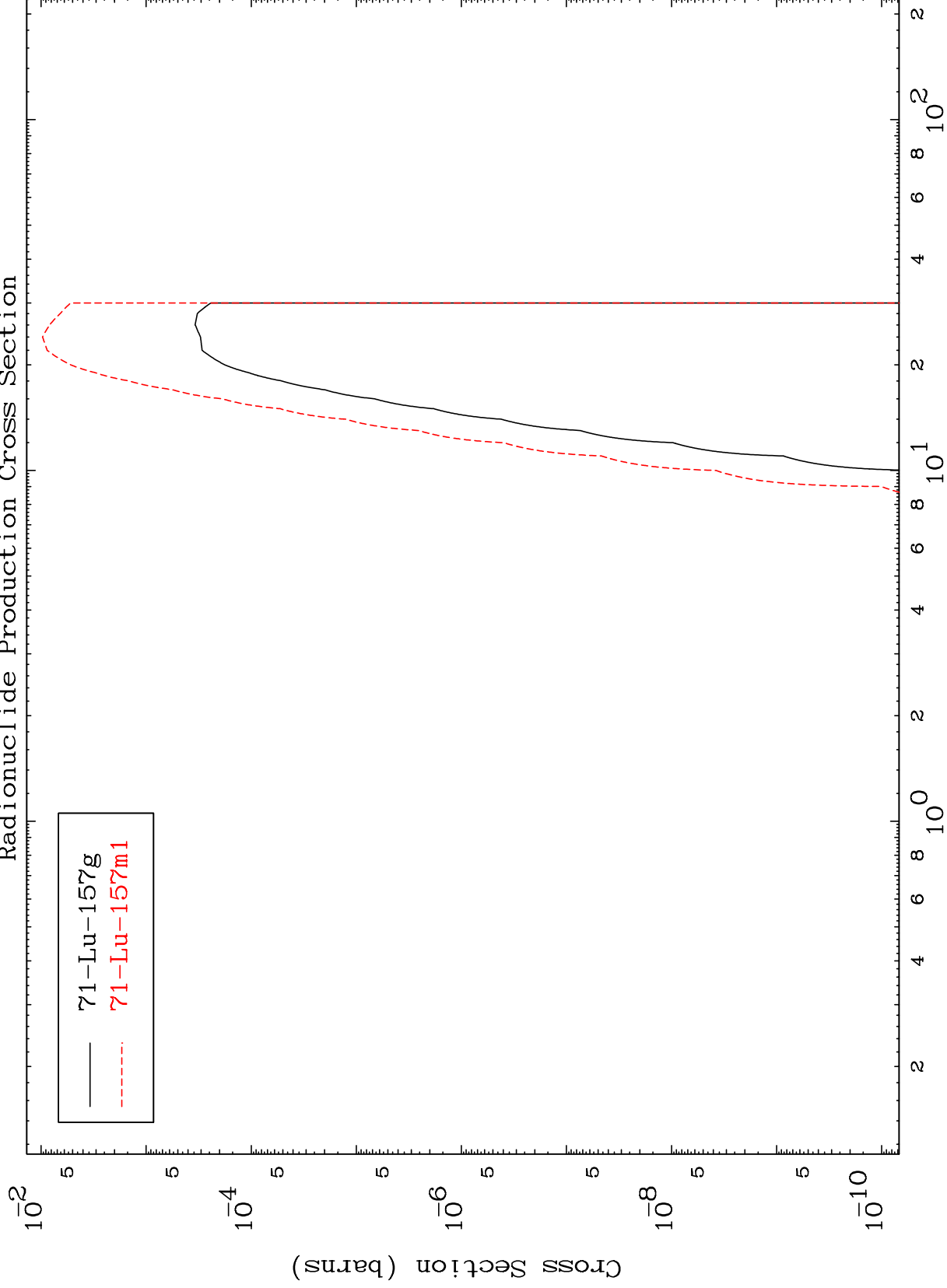


MAT 7074

(n, α)

⁷¹Lu-158

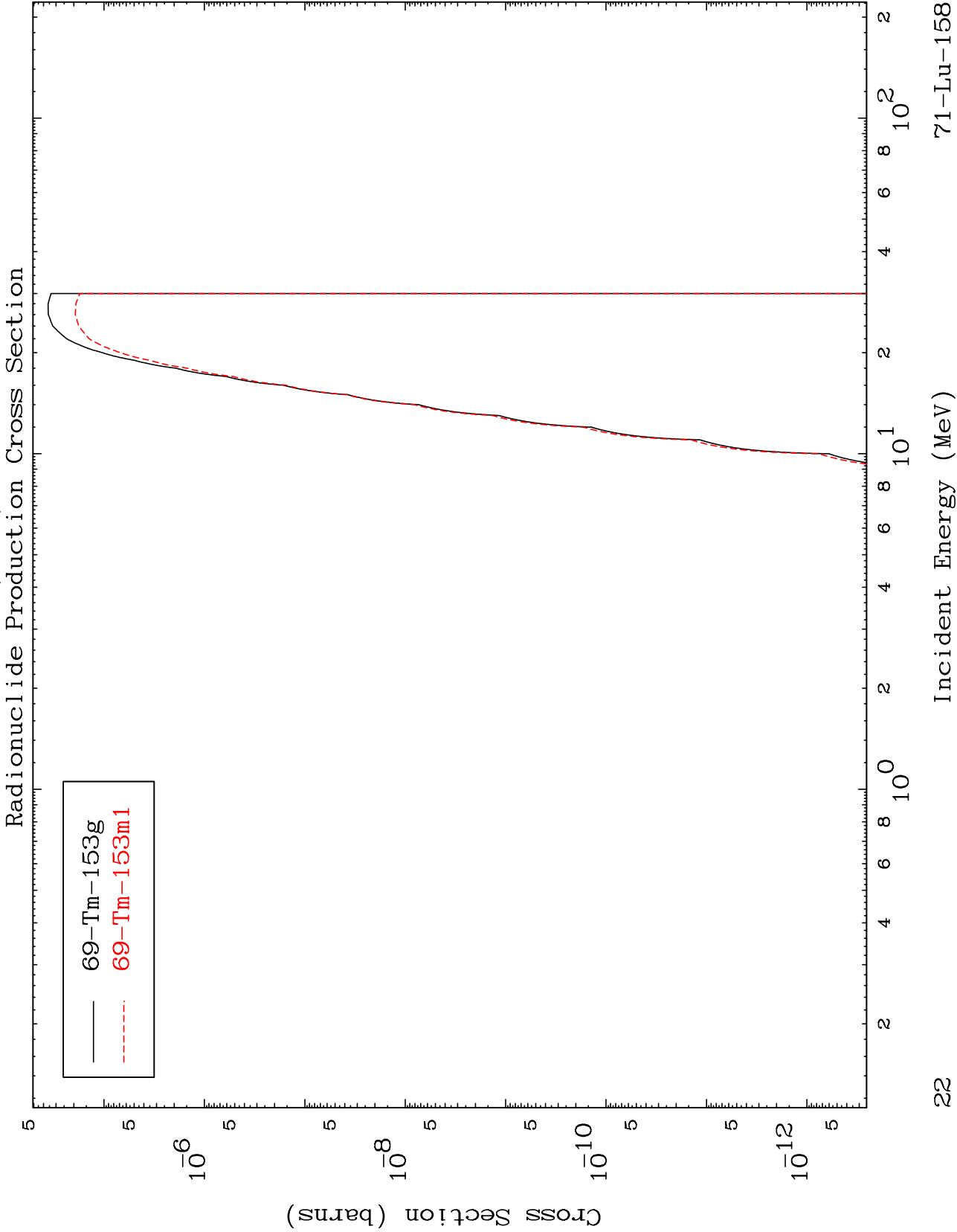
Radionuclide Production Cross Section



MAT 7074

(n,2α)

71-Lu-158

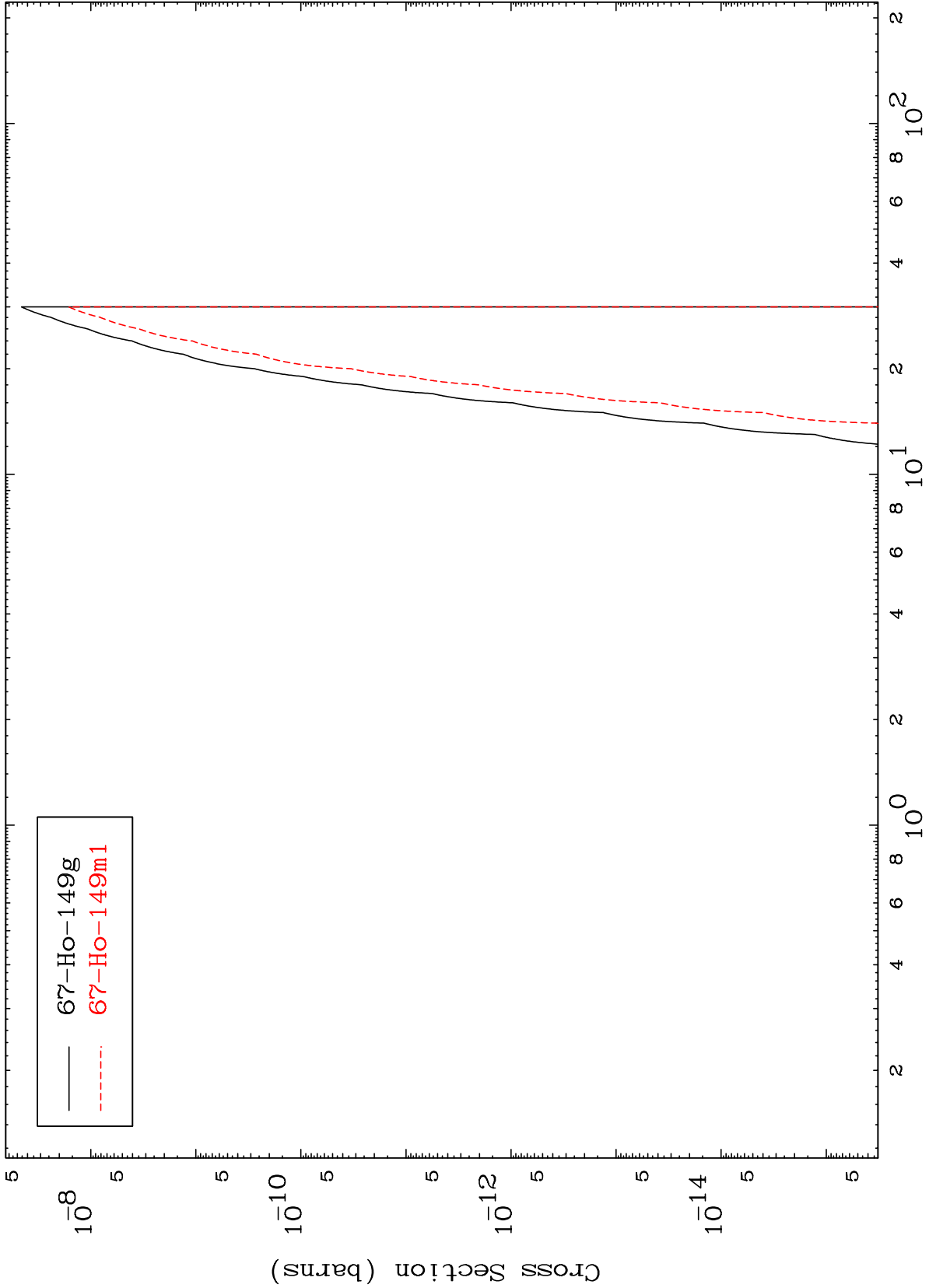


MAT 7074

(n, 3α)

⁷¹Lu-158

Radionuclide Production Cross Section



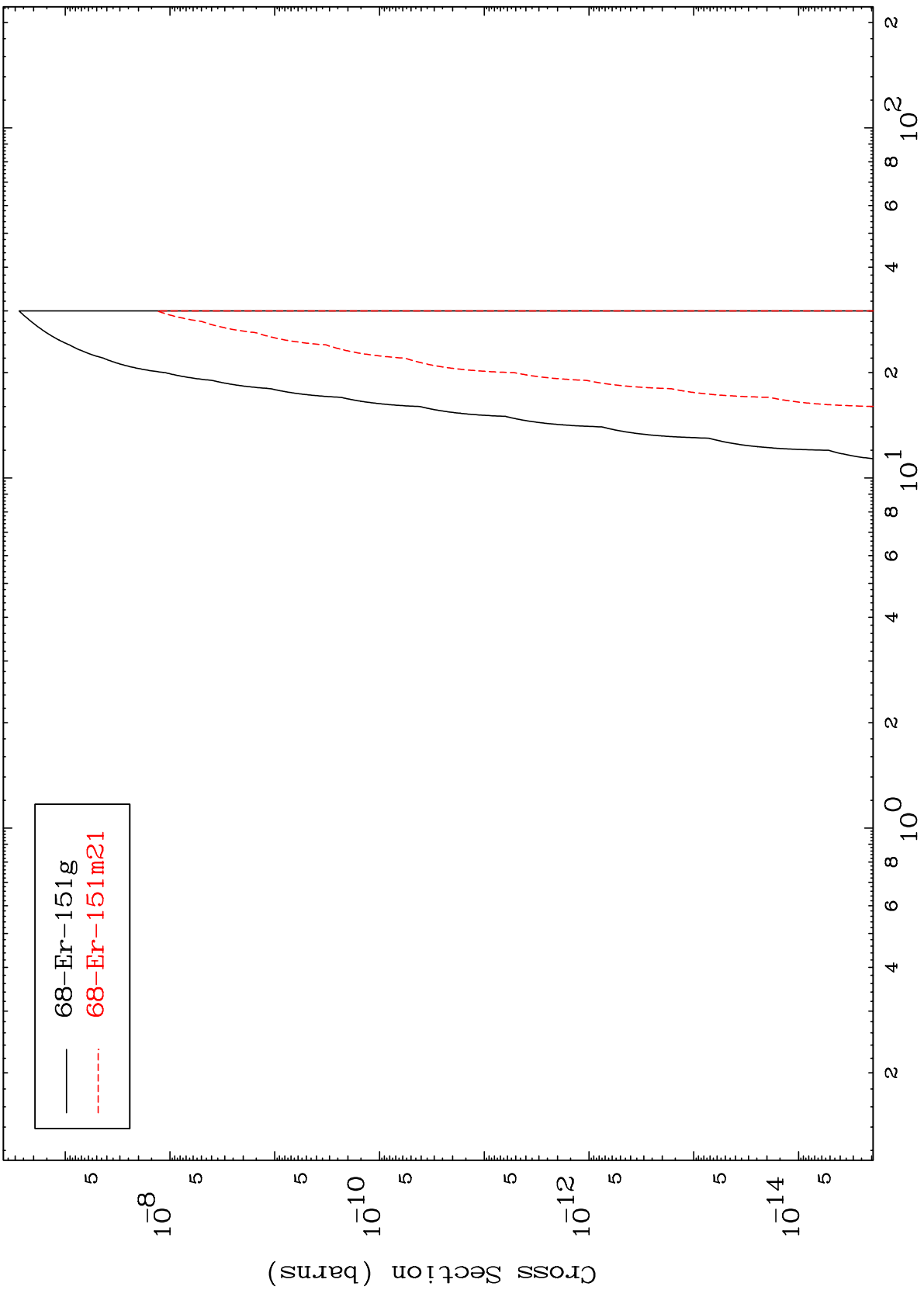
— ⁶⁷Ho-149g
- - - ⁶⁷Ho-149m1

MAT 7074

(n,d) 2 α

71-Lu-158

Radionuclide Production Cross Section



24

Incident Energy (MeV)

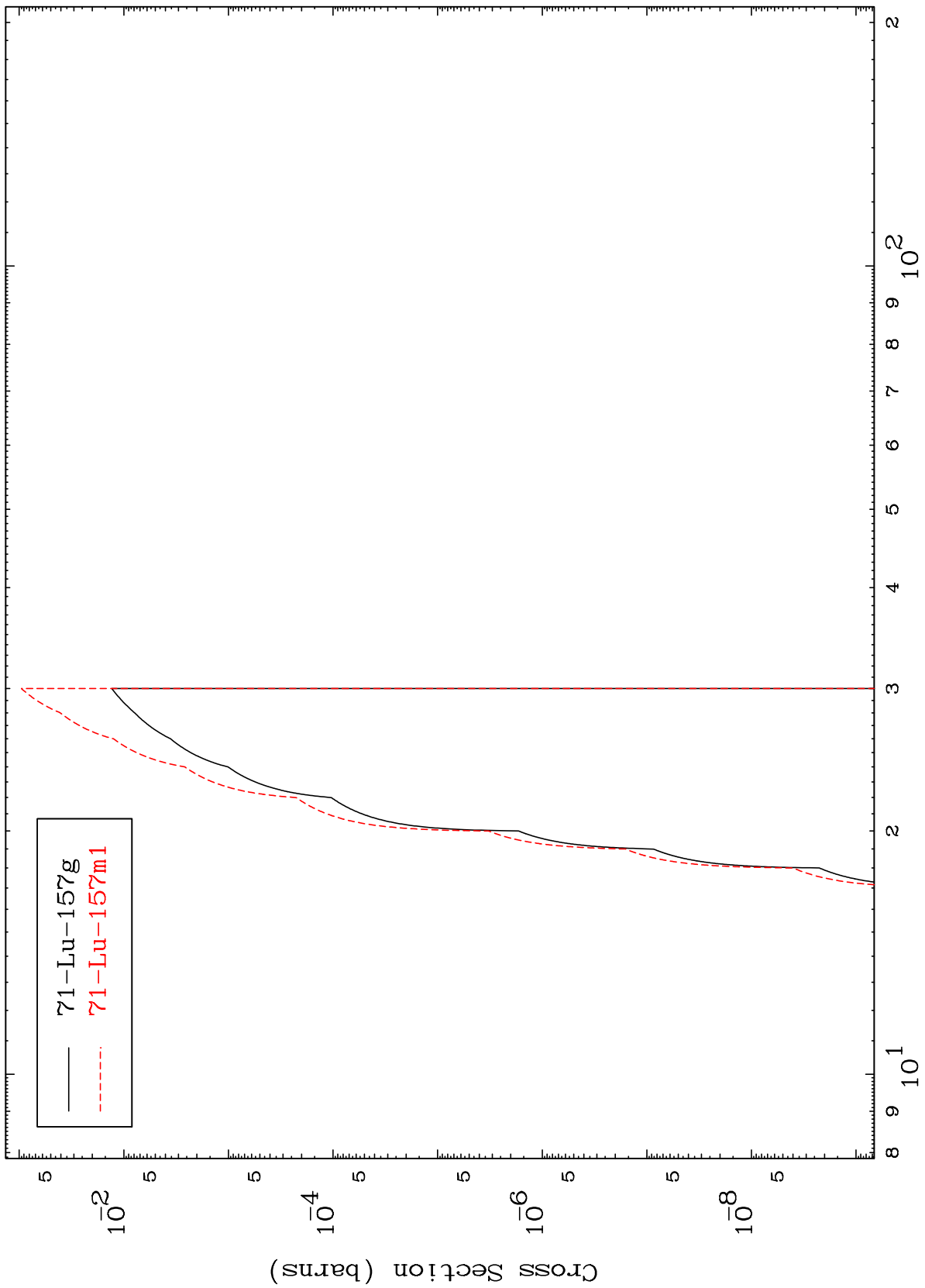
71-Lu-158

MAT 7074

(n,p) t

71-Lu-158

Radionuclide Production Cross Section



25

Incident Energy (MeV)

71-Lu-158