

Program EVALPLOT
(Version 2021-1)

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

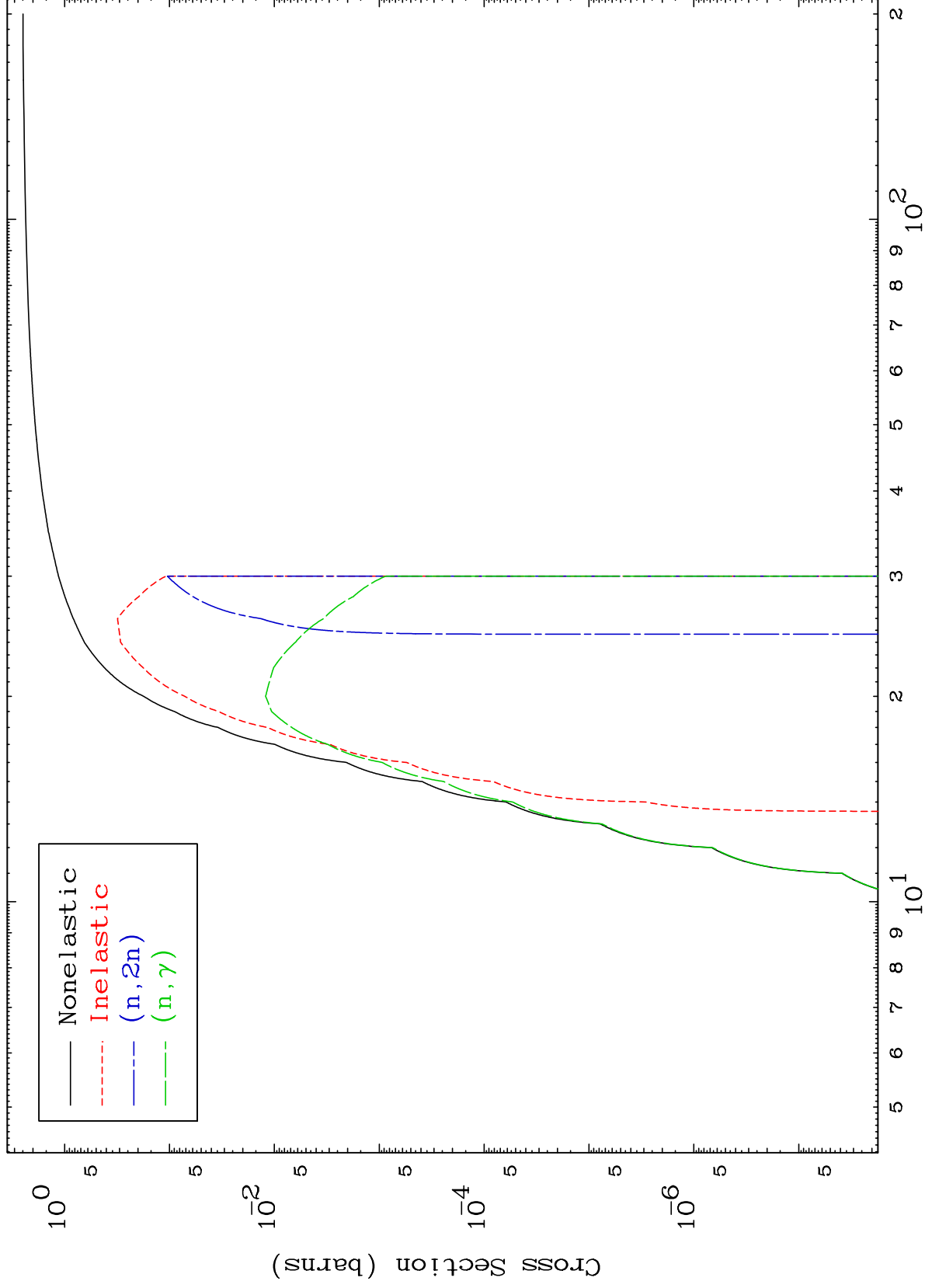
Press Mouse Button to Start

MAT 7081

0 Kelvin Cross Sections

α Major

⁷¹Lu-160m



1

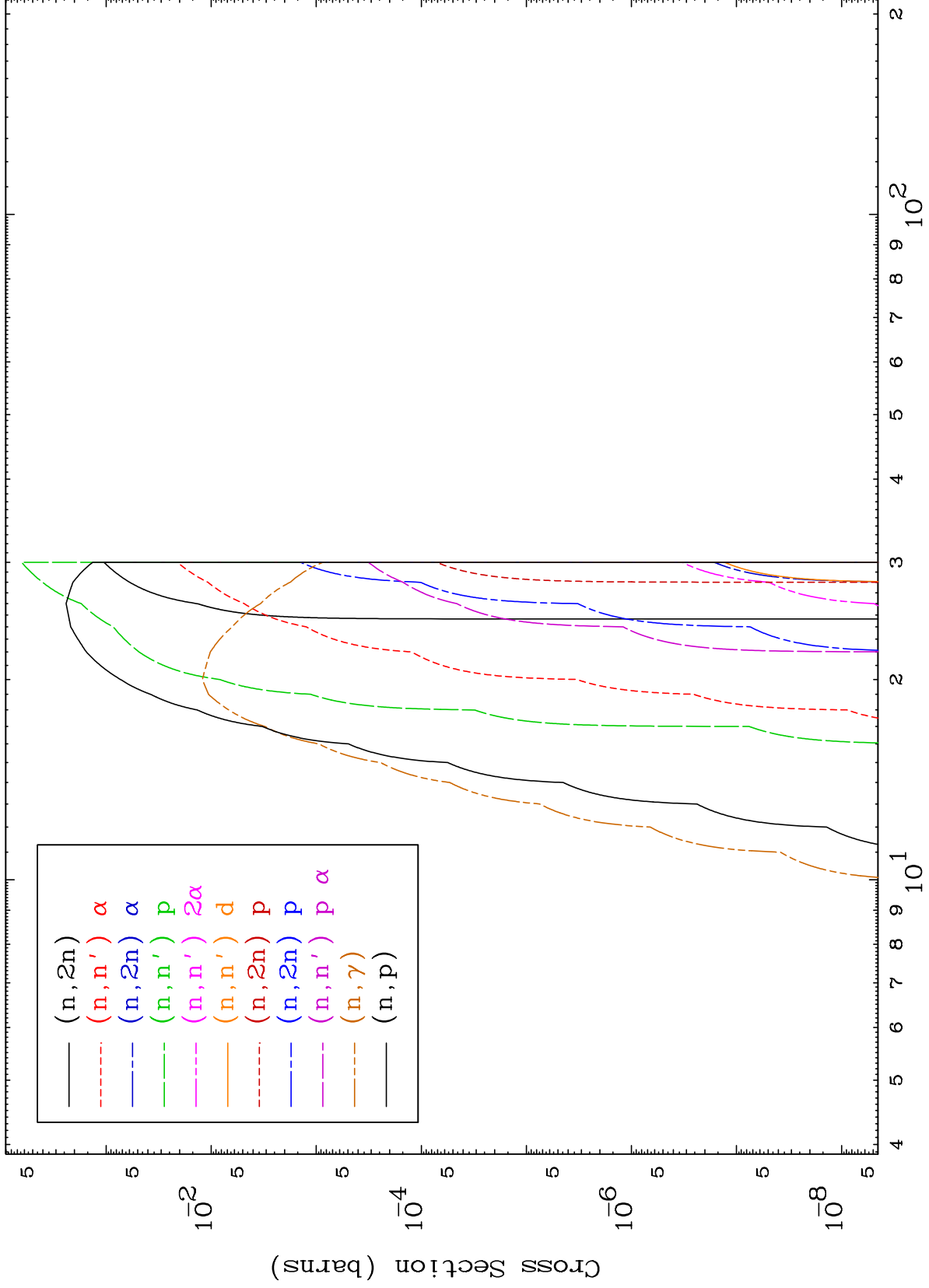
Incident Energy (MeV)

⁷¹Lu-160m

MAT 7081

α Neutron Absorption
0 Kelvin Cross Sections

^{71}Lu -160m



2

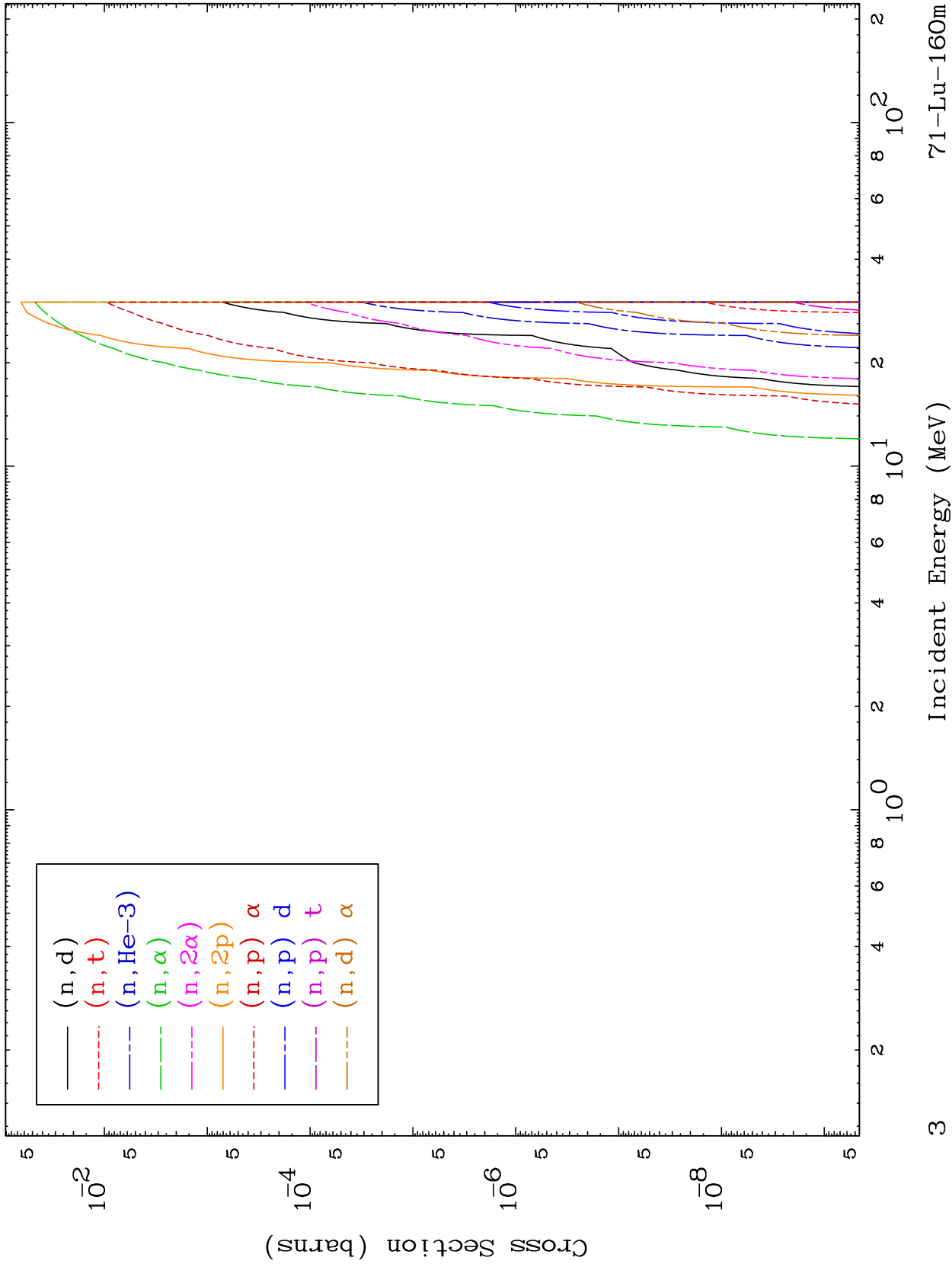
Incident Energy (MeV)

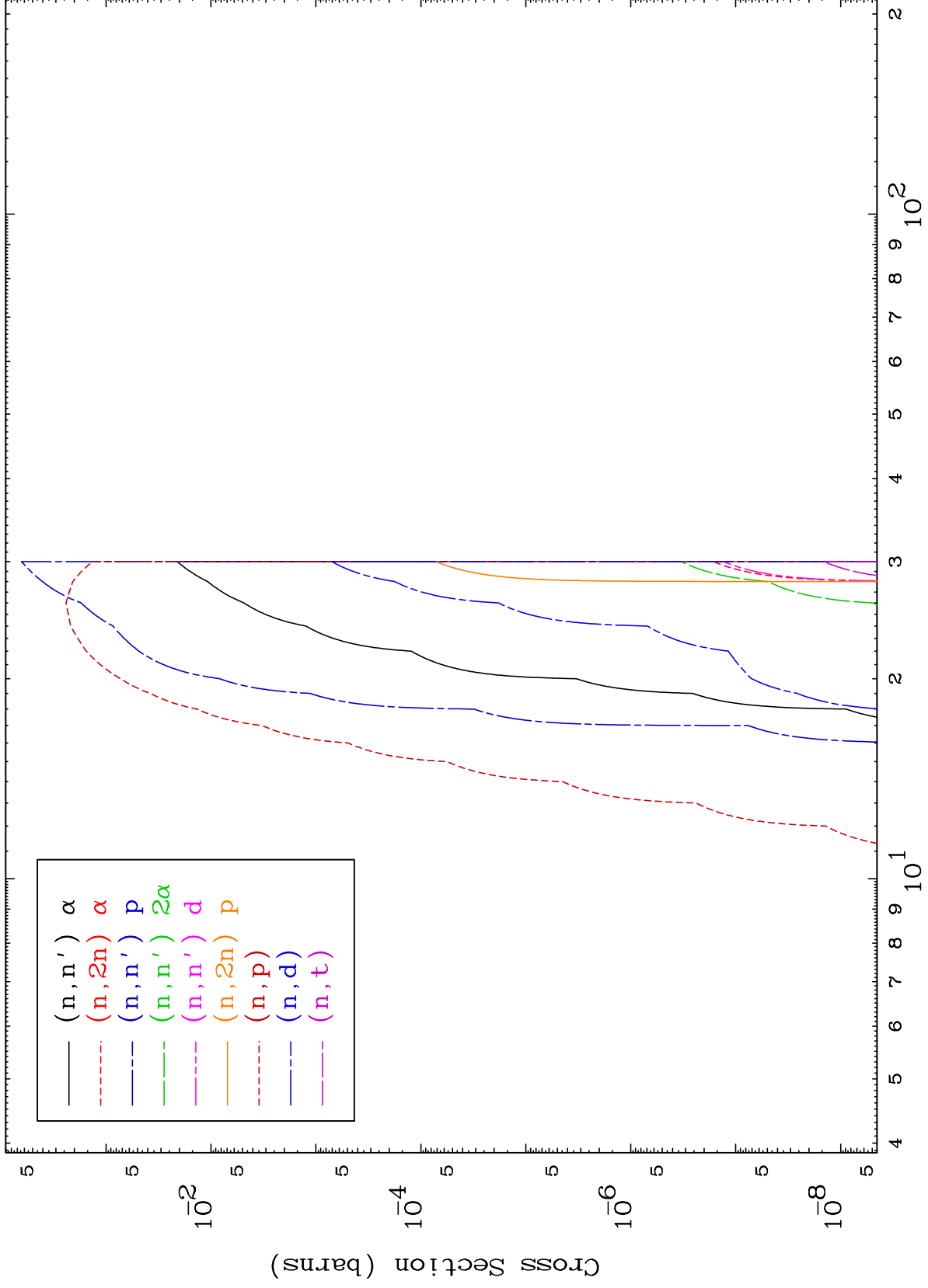
^{71}Lu -160m

MAT 7081

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-160m

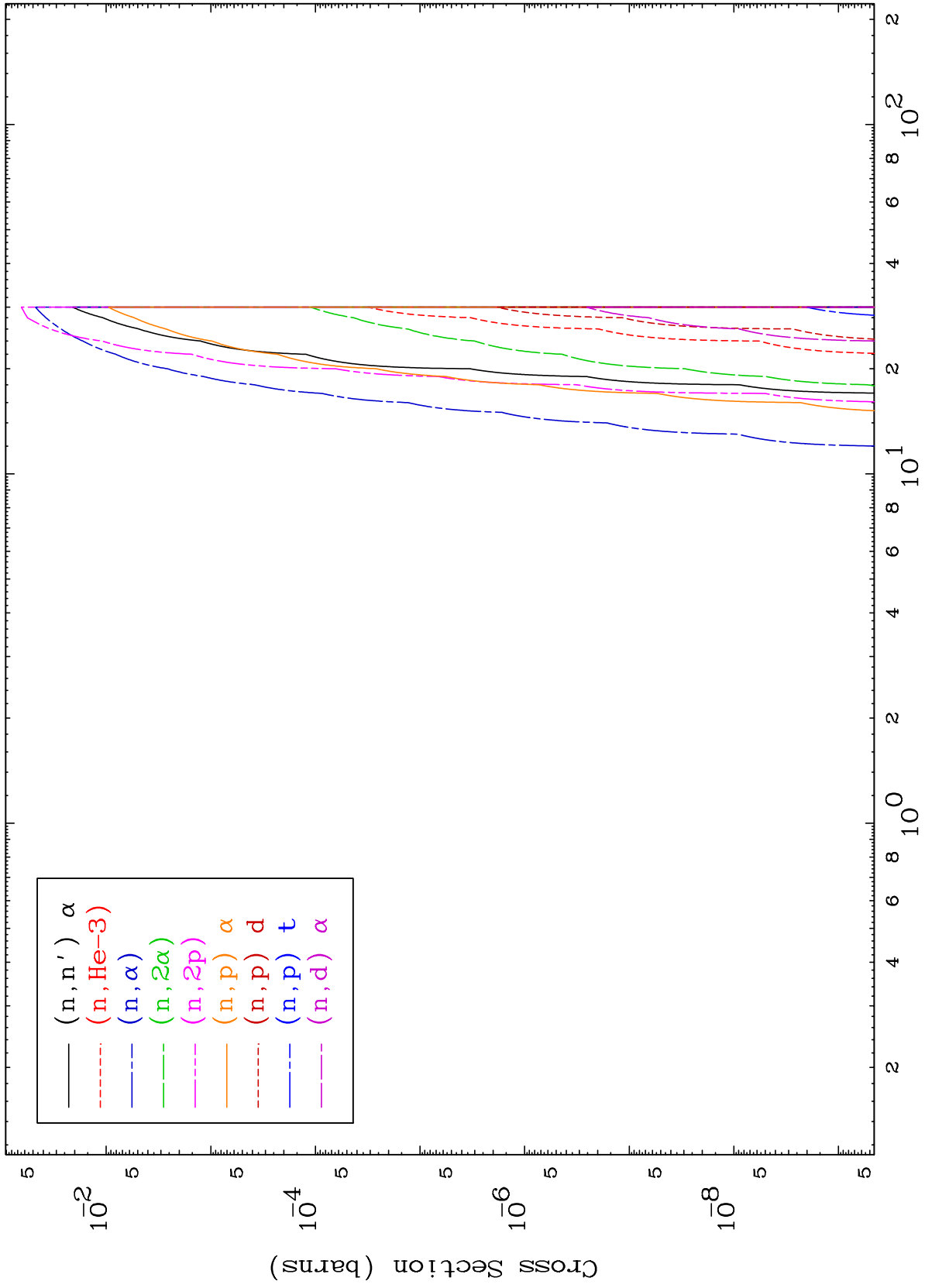




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α Charged Particle
0 Kelvin Cross Sections

⁷¹Lu-160m

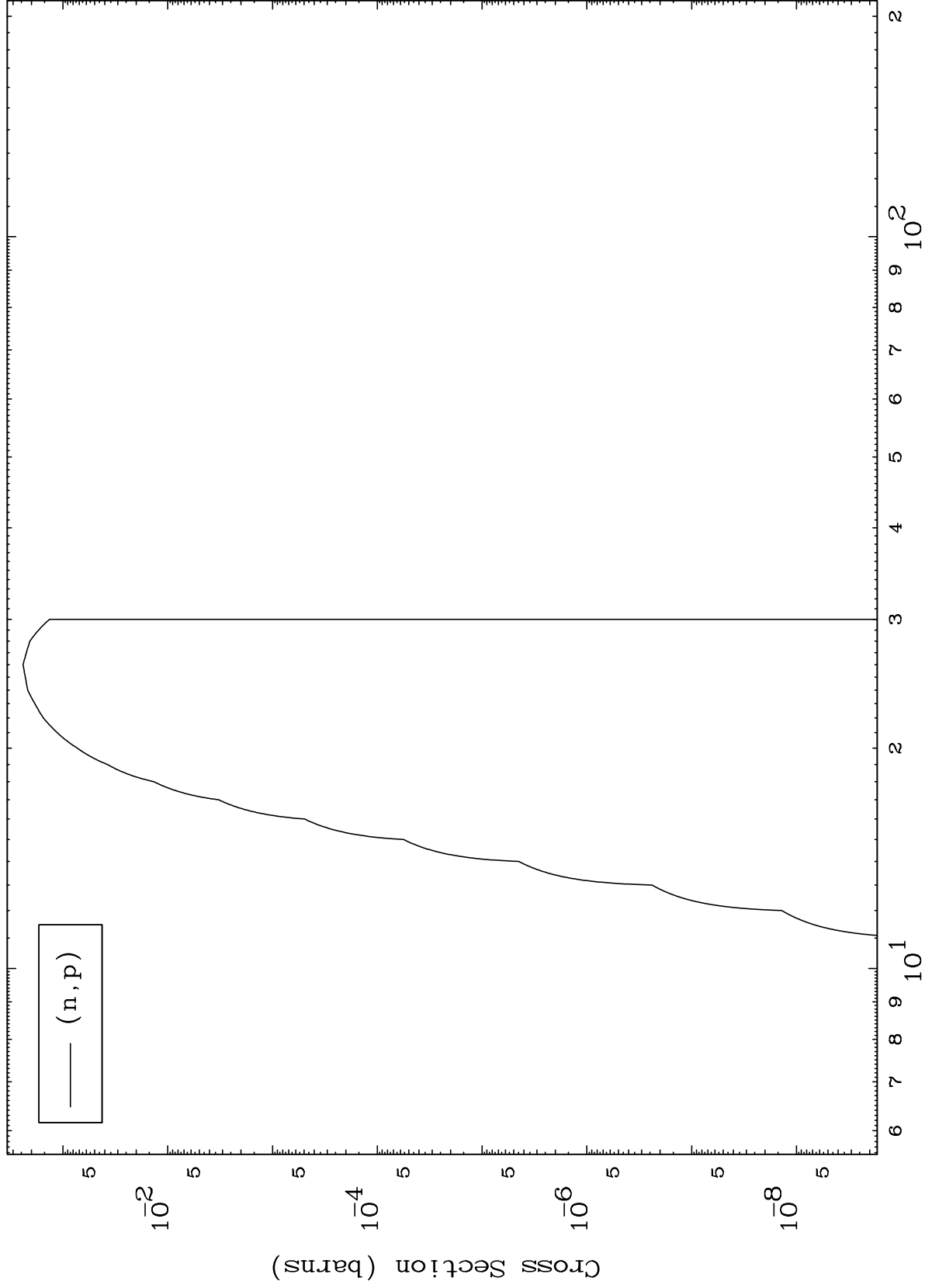


MAT 7081

(α, p) Levels

$^{71}\text{Lu}-160\text{m}$

0 Kelvin Cross Sections



6

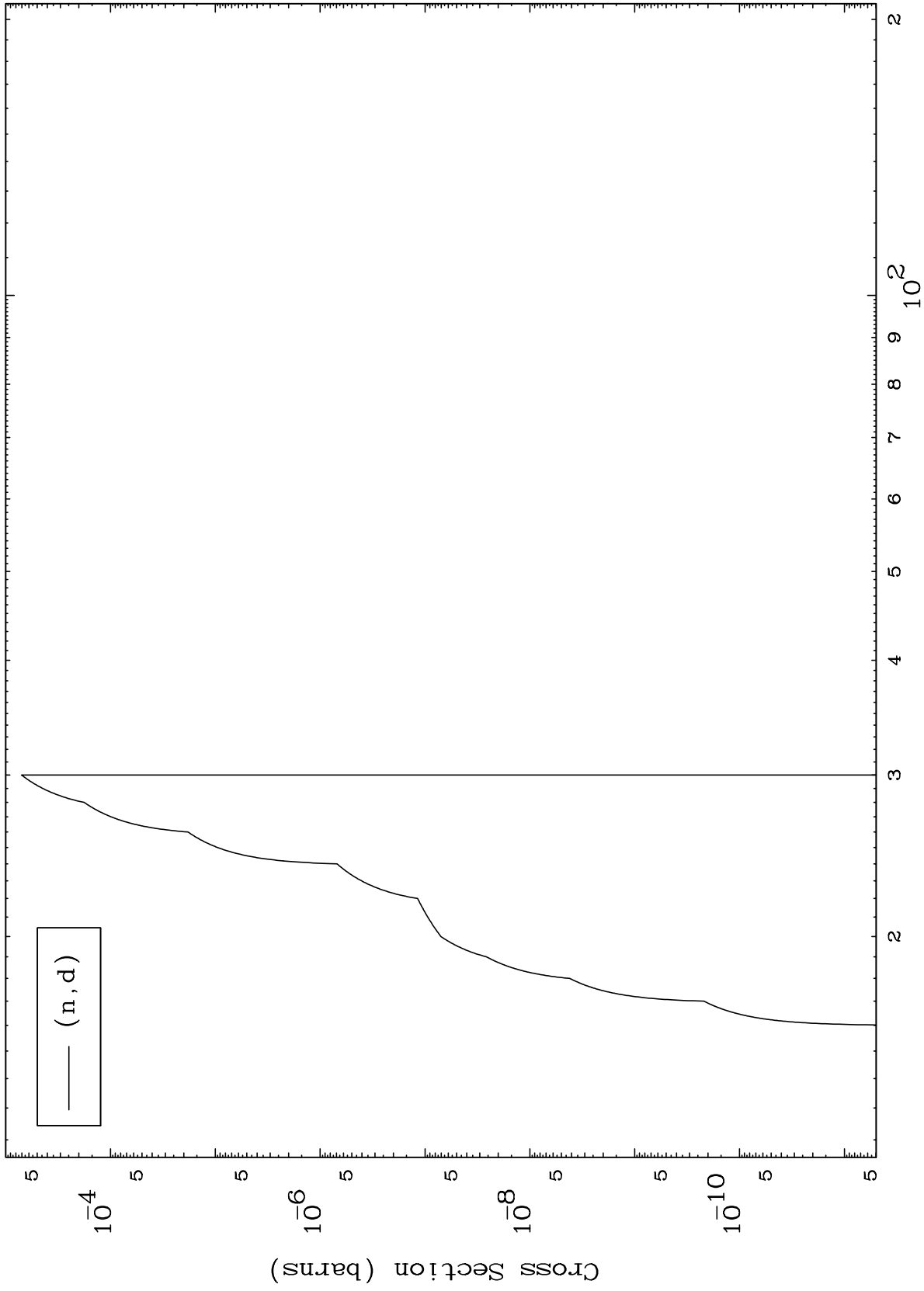
Incident Energy (MeV)

$^{71}\text{Lu}-160\text{m}$

MAT 7081

(α, d) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu}-160\text{m}$



7

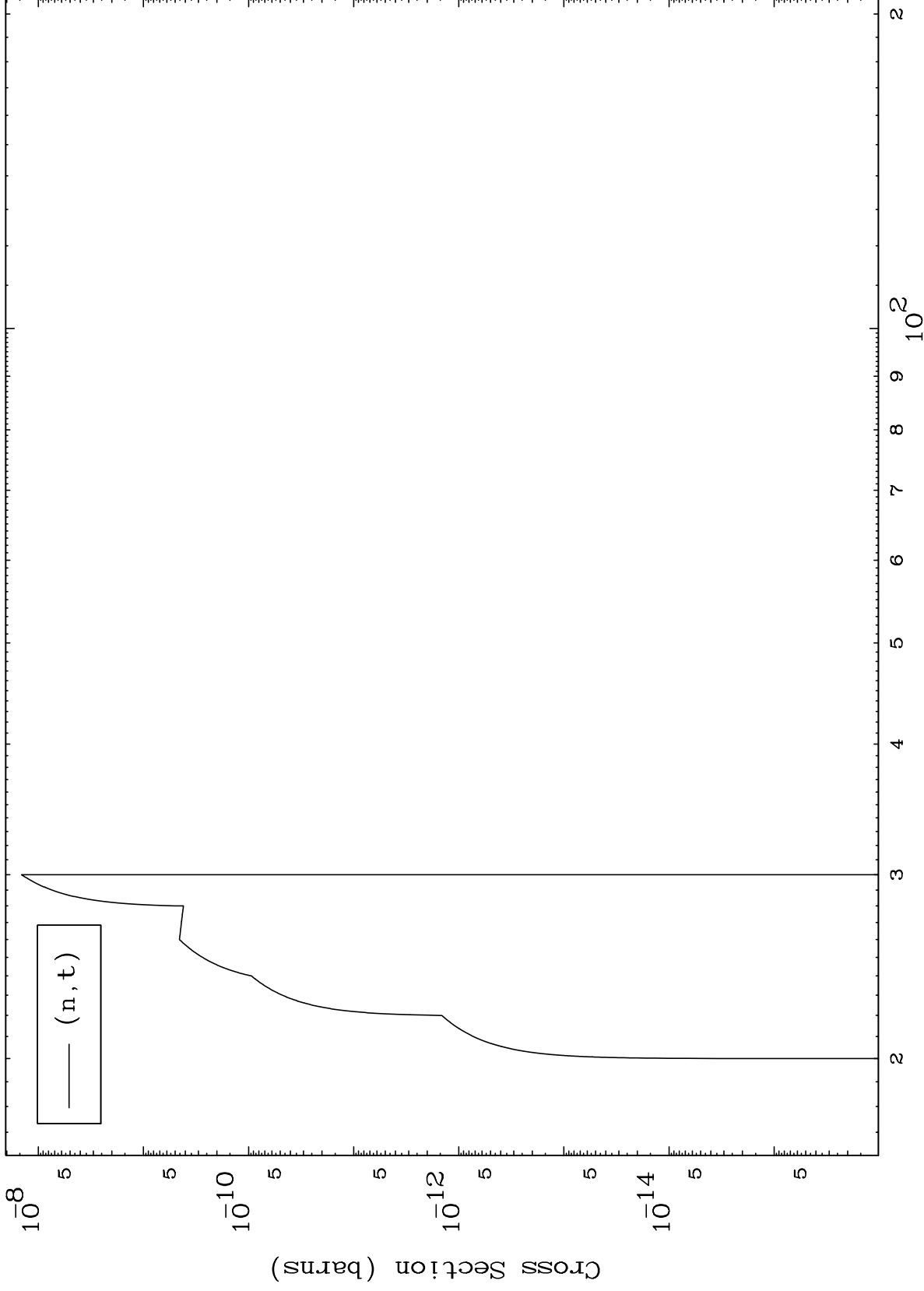
Incident Energy (MeV)

$^{71}\text{Lu}-160\text{m}$

MAT 7081

(α, t) Levels
0 Kelvin Cross Sections

⁷¹Lu-160m



8

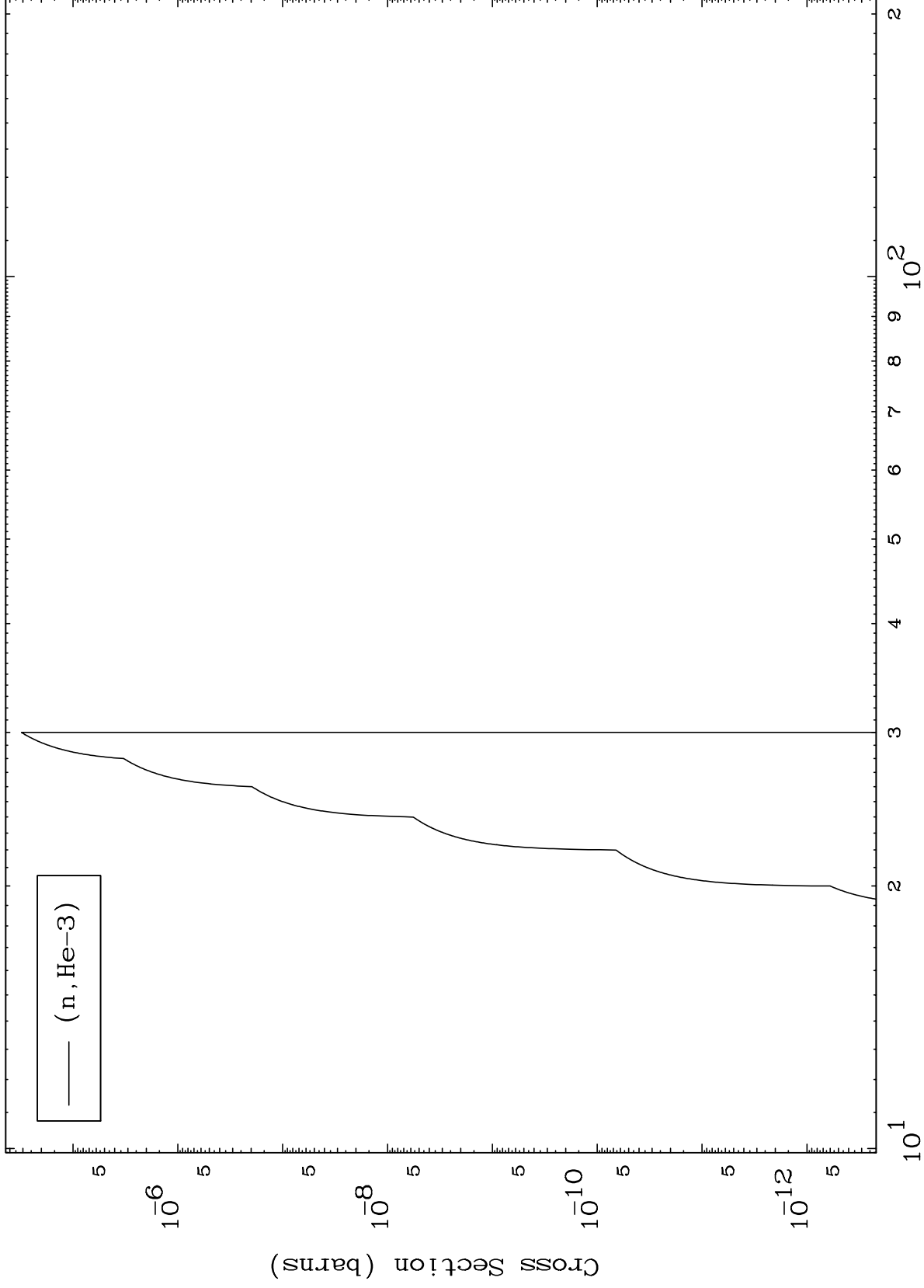
Incident Energy (MeV)

⁷¹Lu-160m

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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu}-160\text{m}$



Incident Energy (MeV)

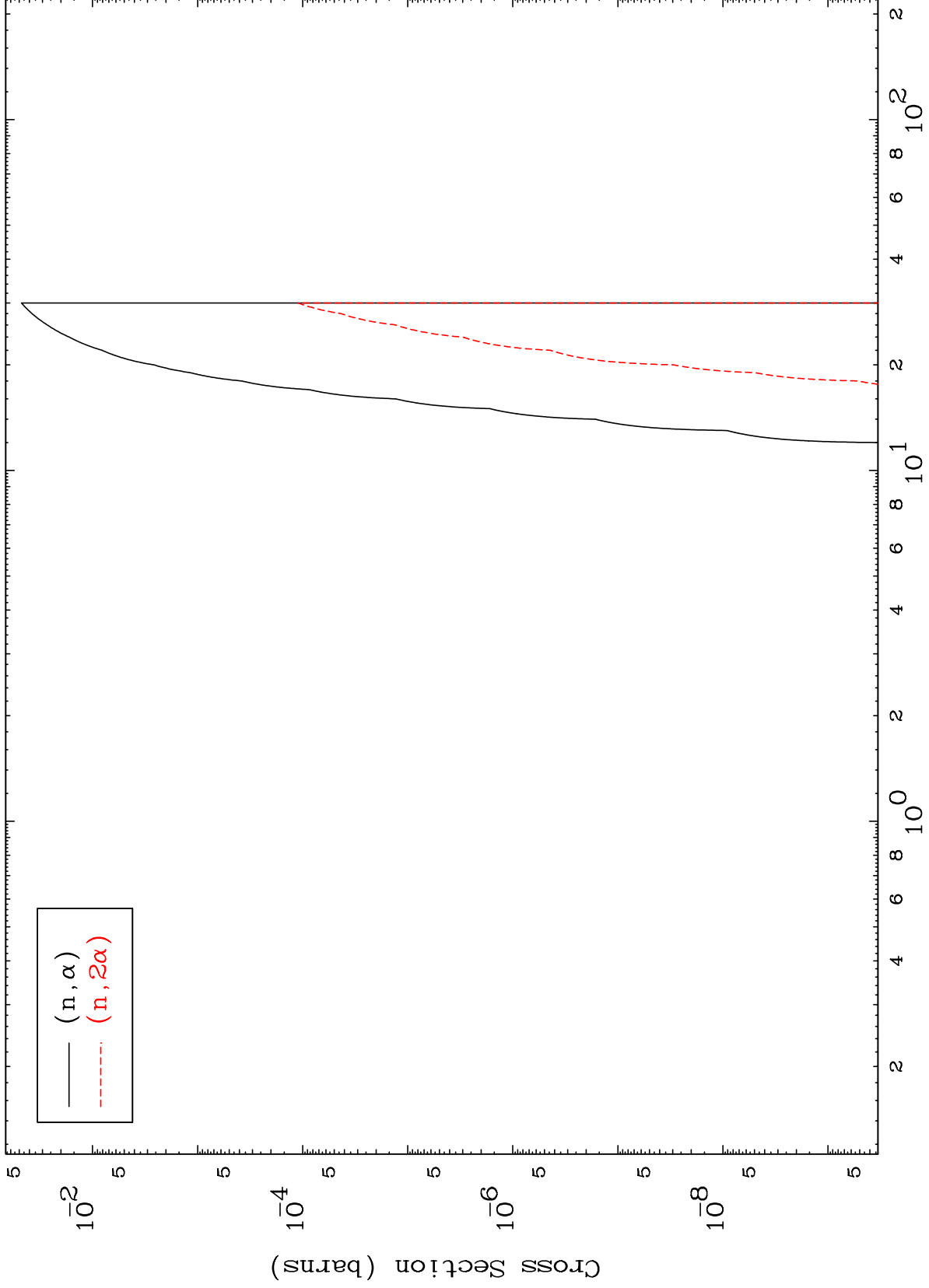
$^{71}\text{Lu}-160\text{m}$

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(α, α) Levels

$^{71}\text{Lu-160m}$

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

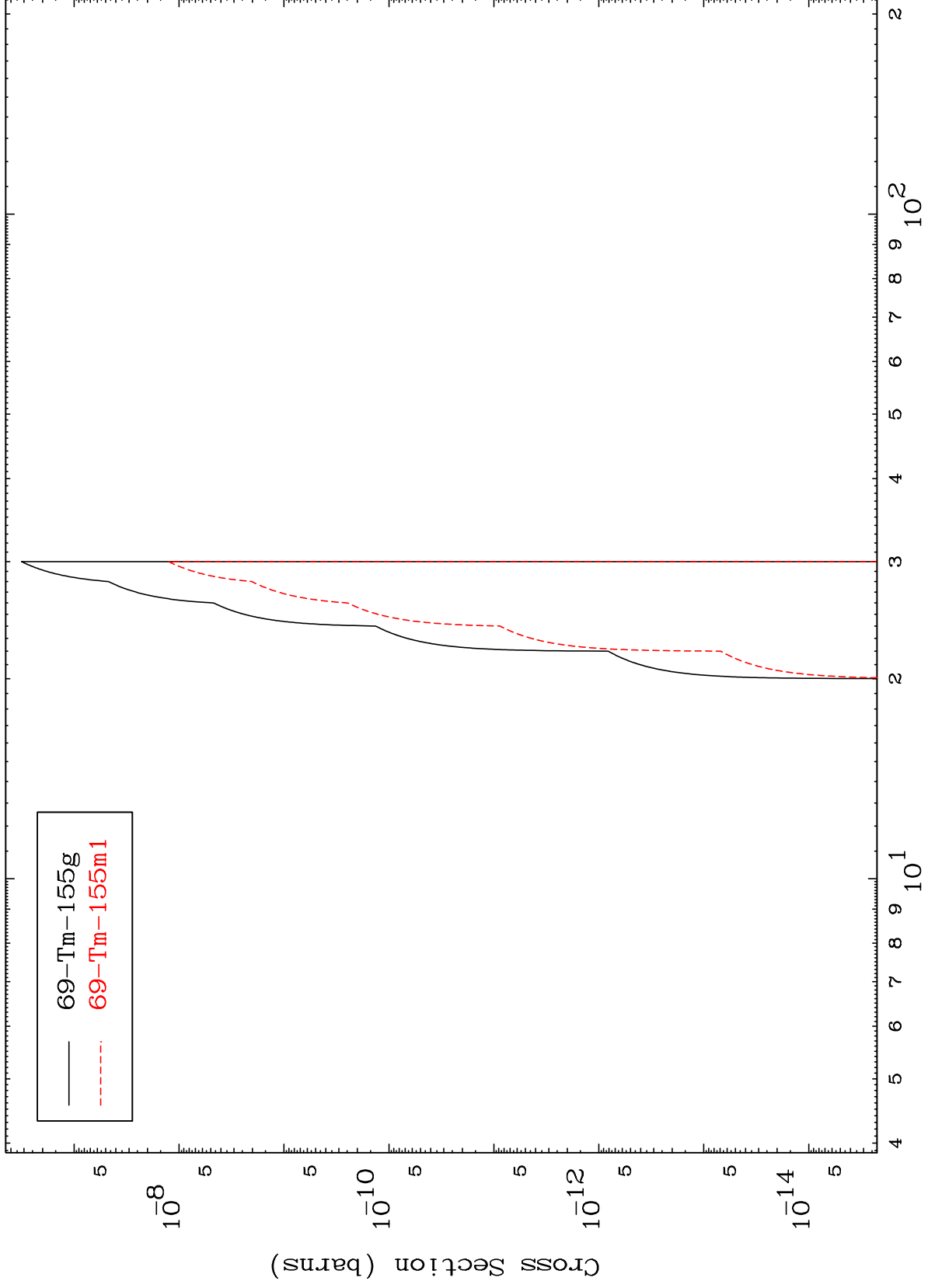
$^{71}\text{Lu-160m}$

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(n,n') 2α

71-Lu-160m

Radionuclide Production Cross Section



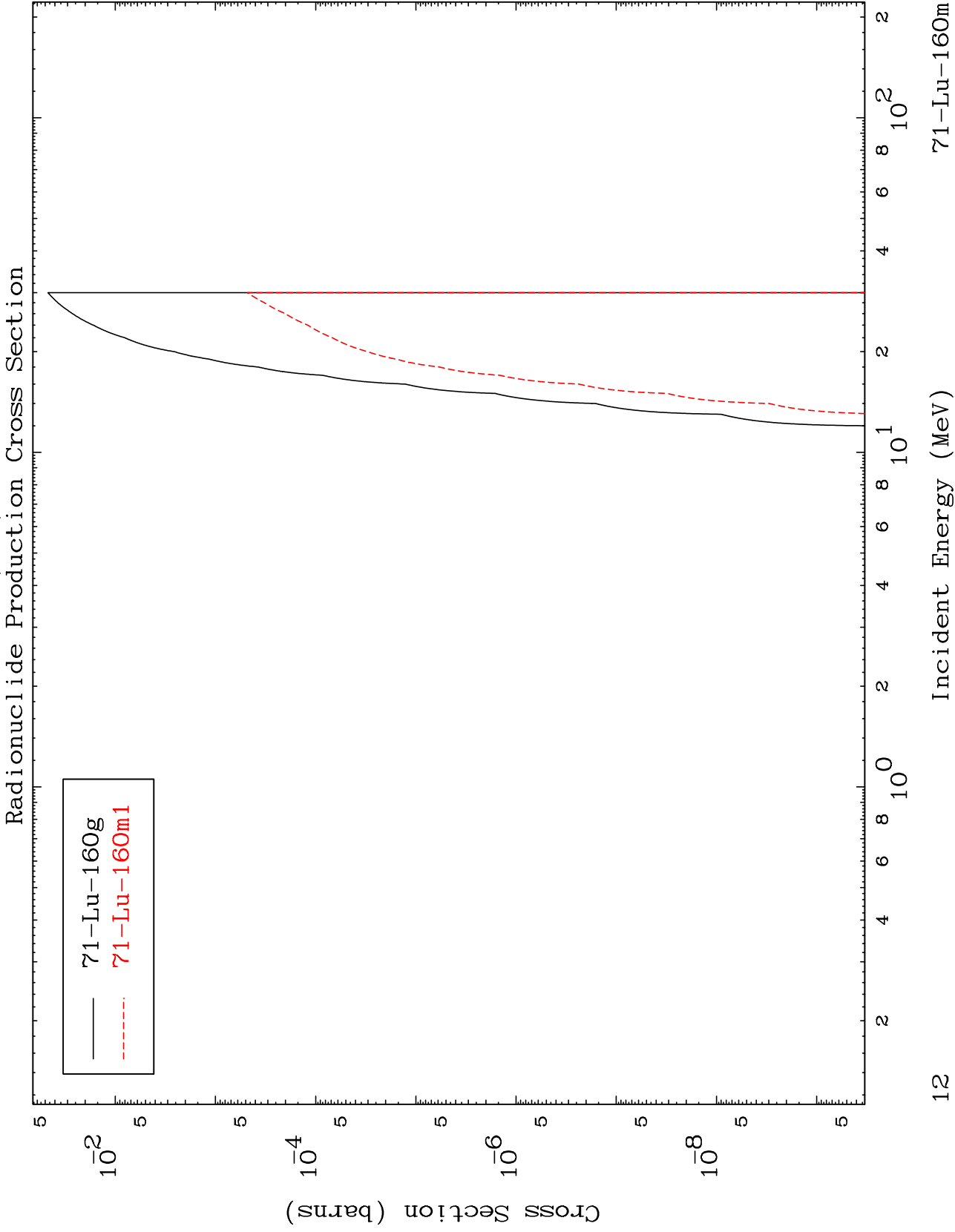
11

Incident Energy (MeV)

71-Lu-160m

MAT 7081

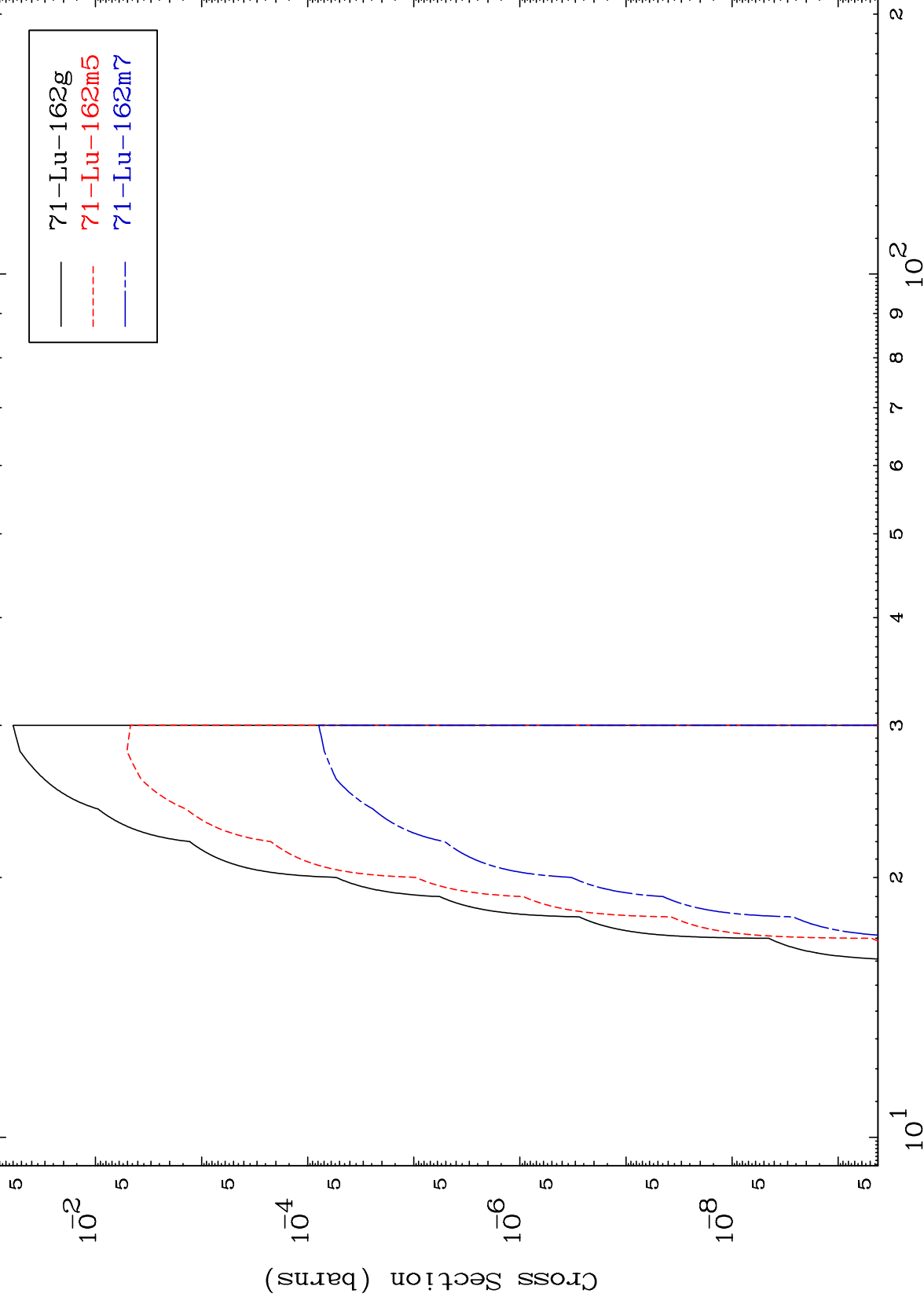
⁷¹Lu-160m



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⁷¹Lu-160m

(n,2p)
Radionuclide Production Cross Section



⁷¹Lu-160m

Incident Energy (MeV)

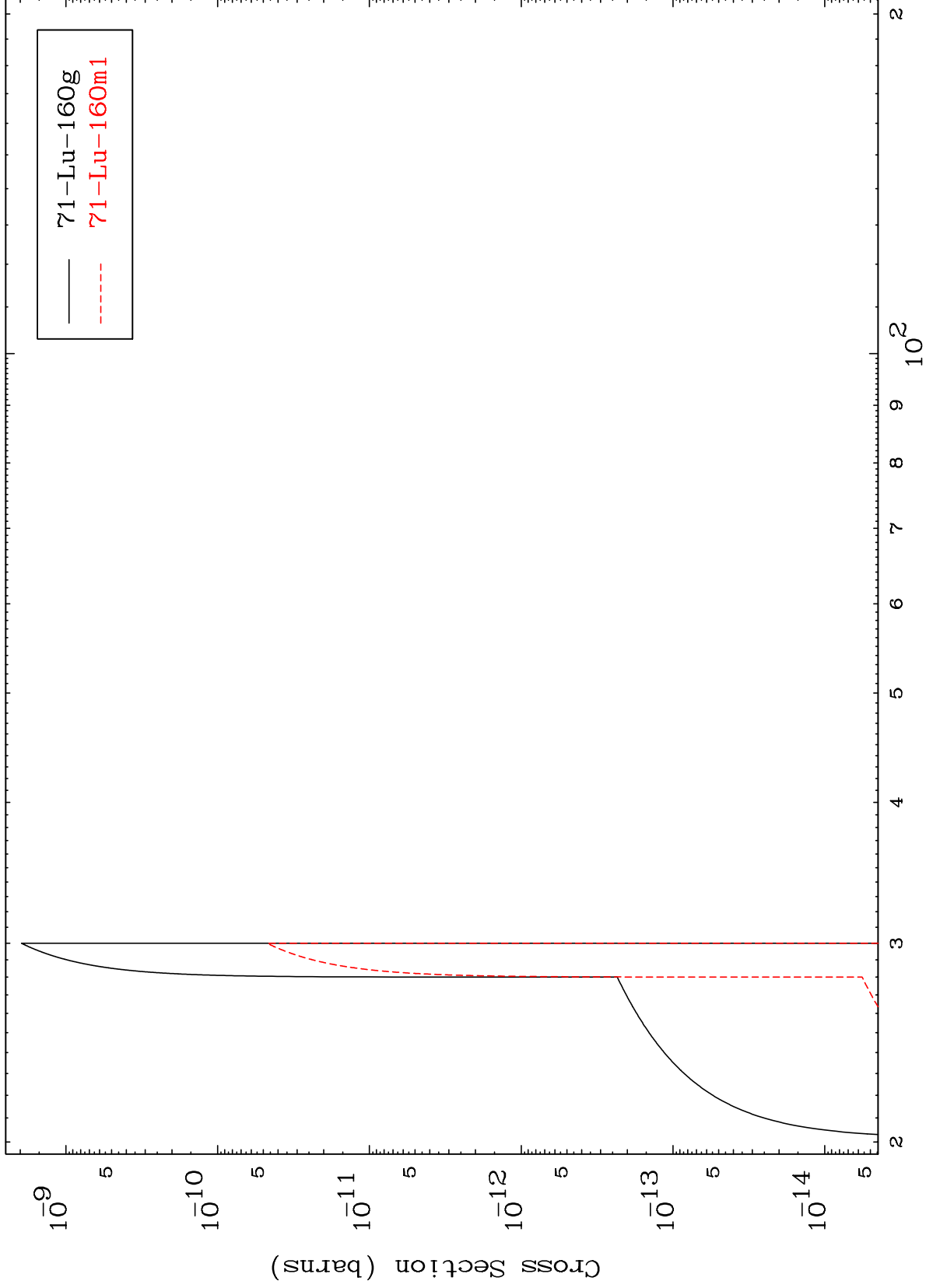
13

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(n,p) t

⁷¹Lu-160m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷¹Lu-160m