

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

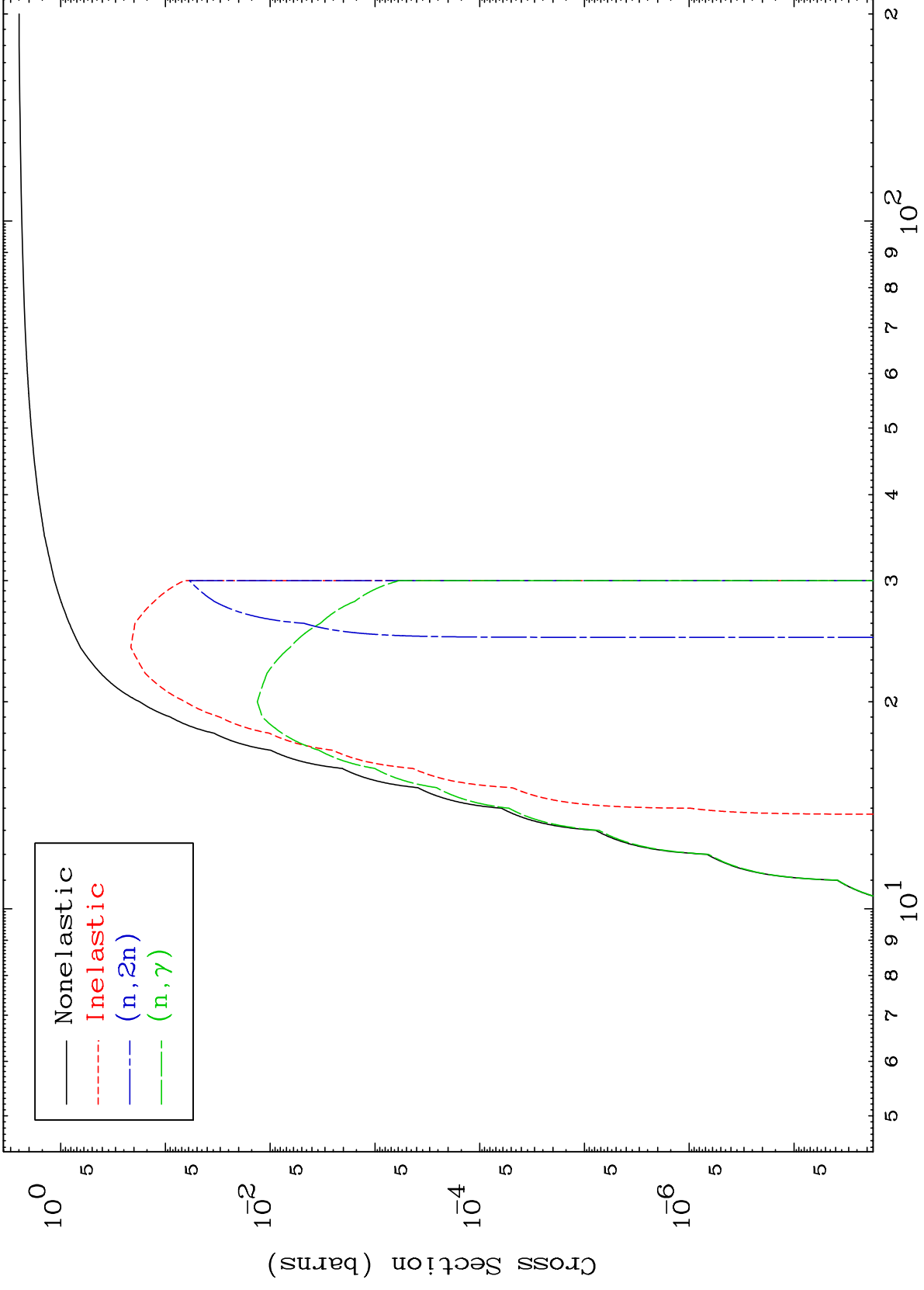
Press Mouse Button to Start

MAT 7080

α Major

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

0 Kelvin Cross Sections

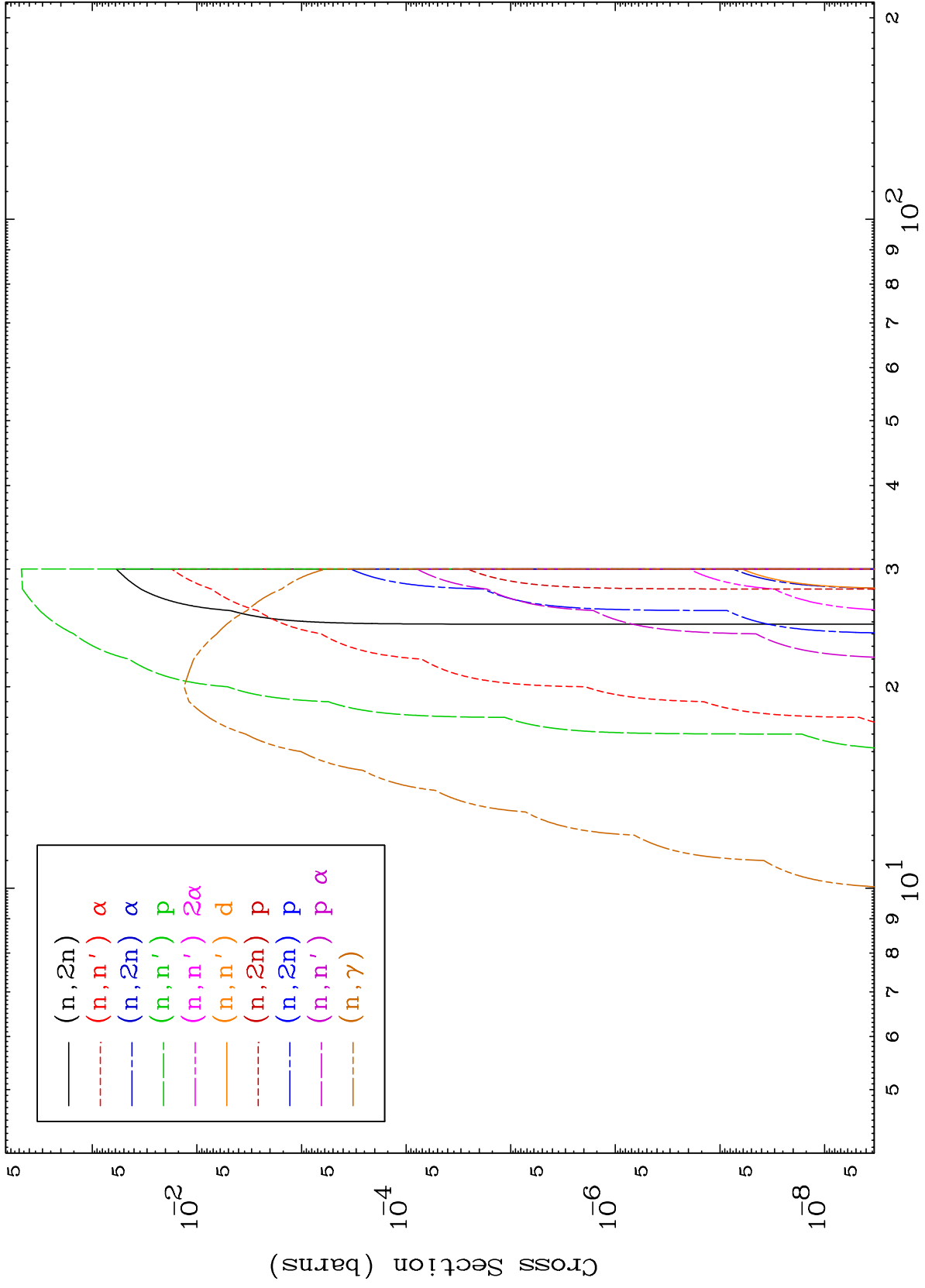


Legend:
— Nonelastic
- - - Inelastic
- - - $(n, 2n)$
- - - (n, γ)

1

Incident Energy (MeV)

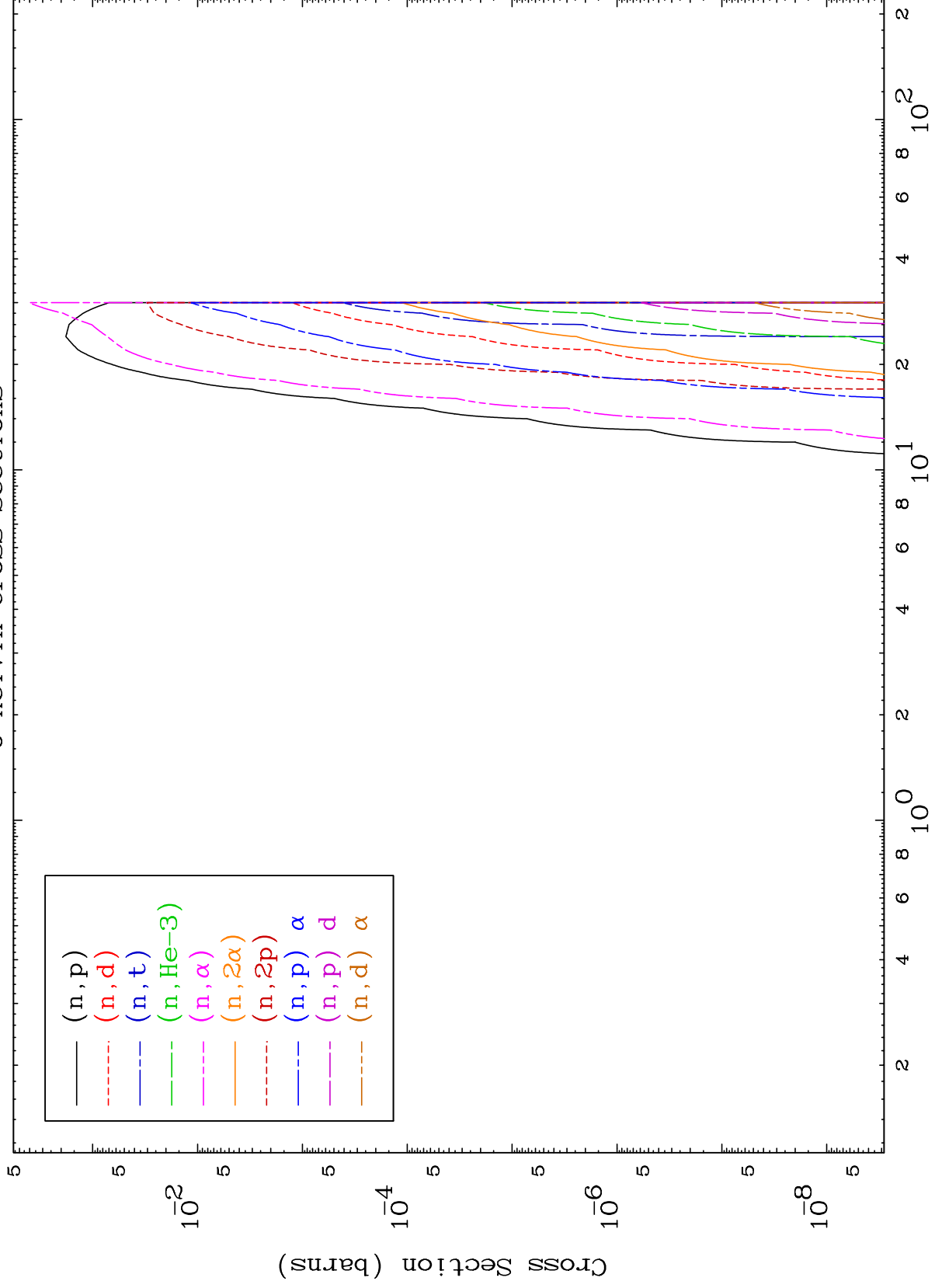
$^{71}\text{Lu-160}$

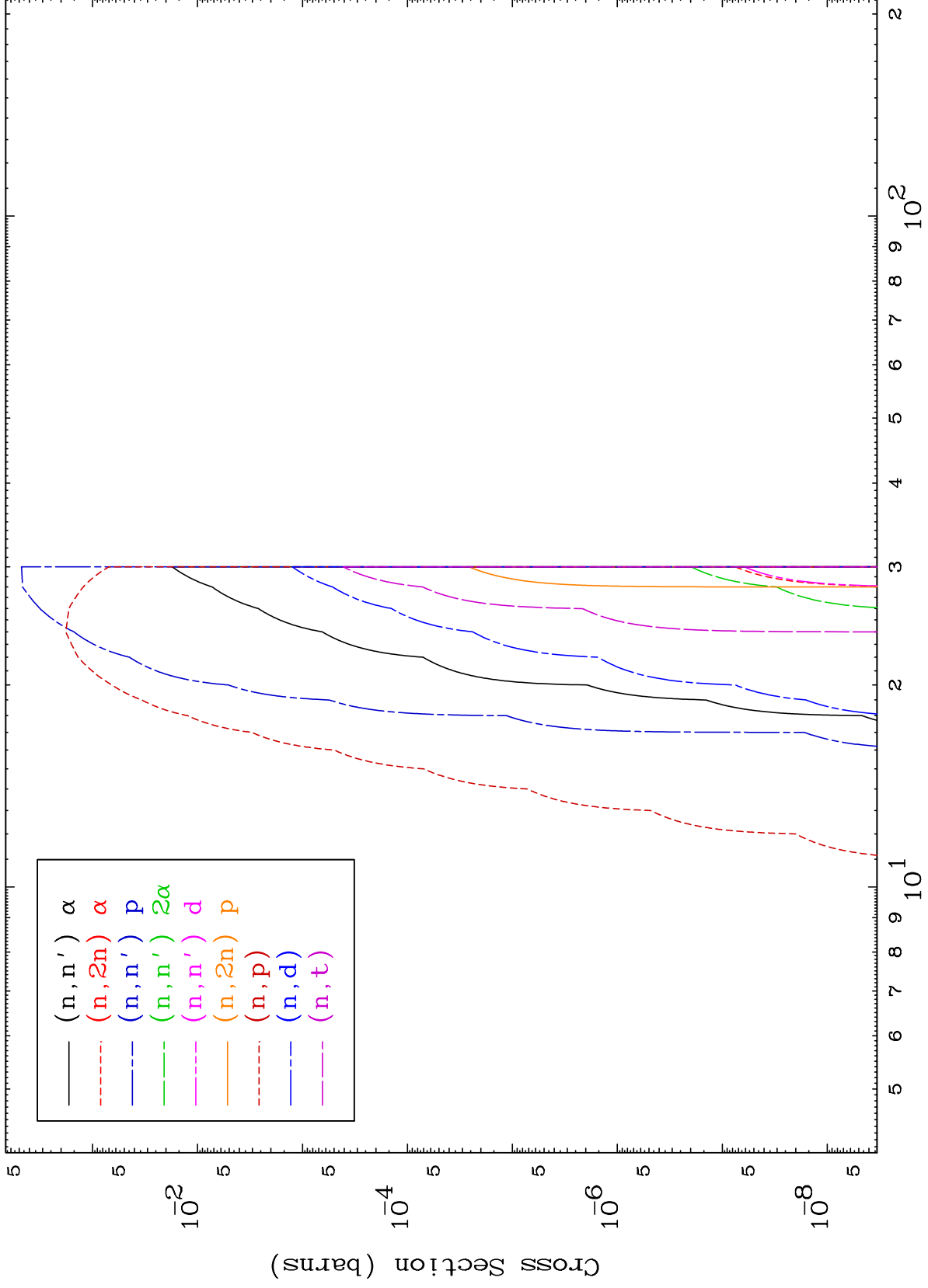


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α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-160

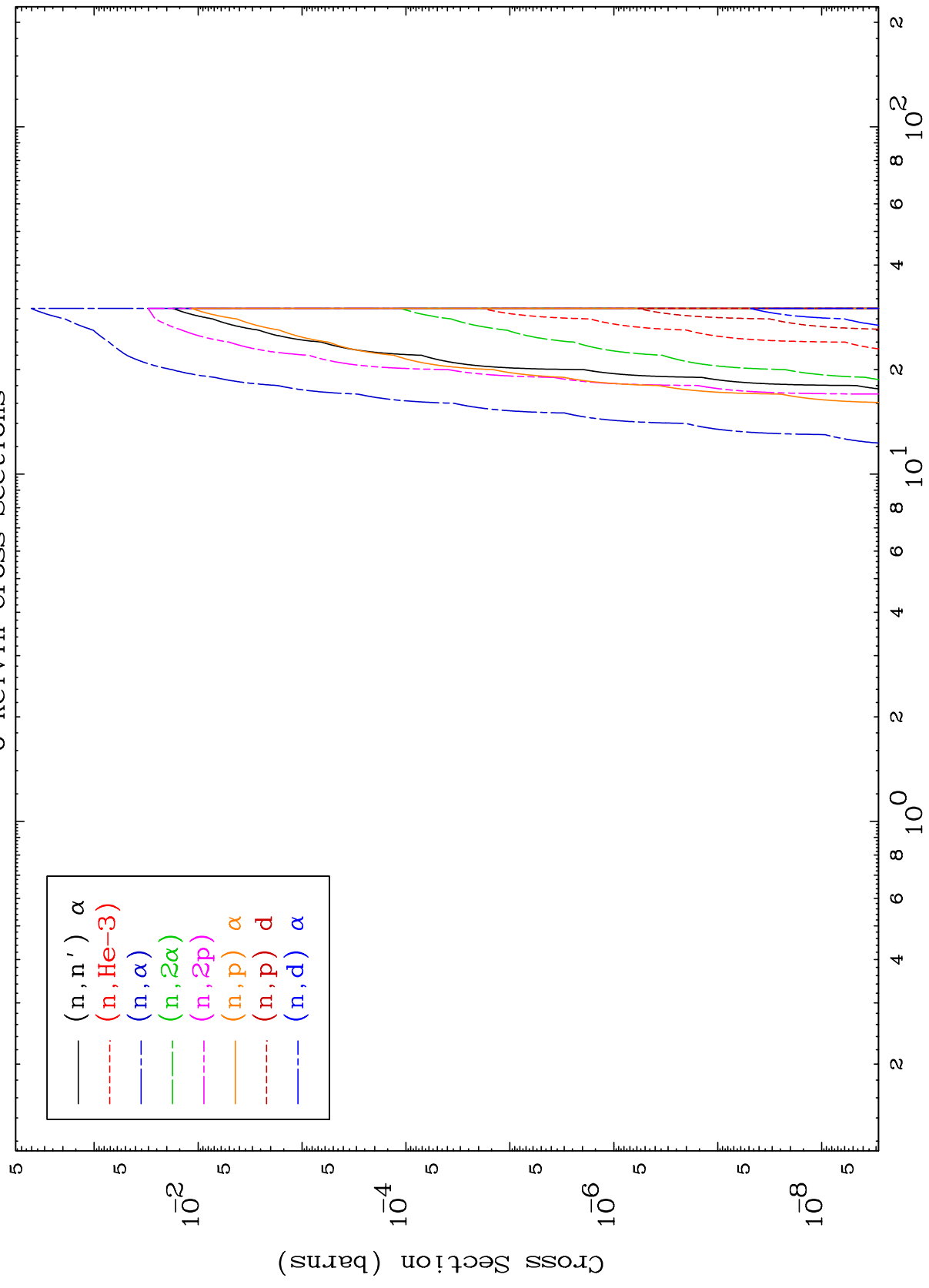




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α Charged Particle
0 Kelvin Cross Sections

71-Lu-160

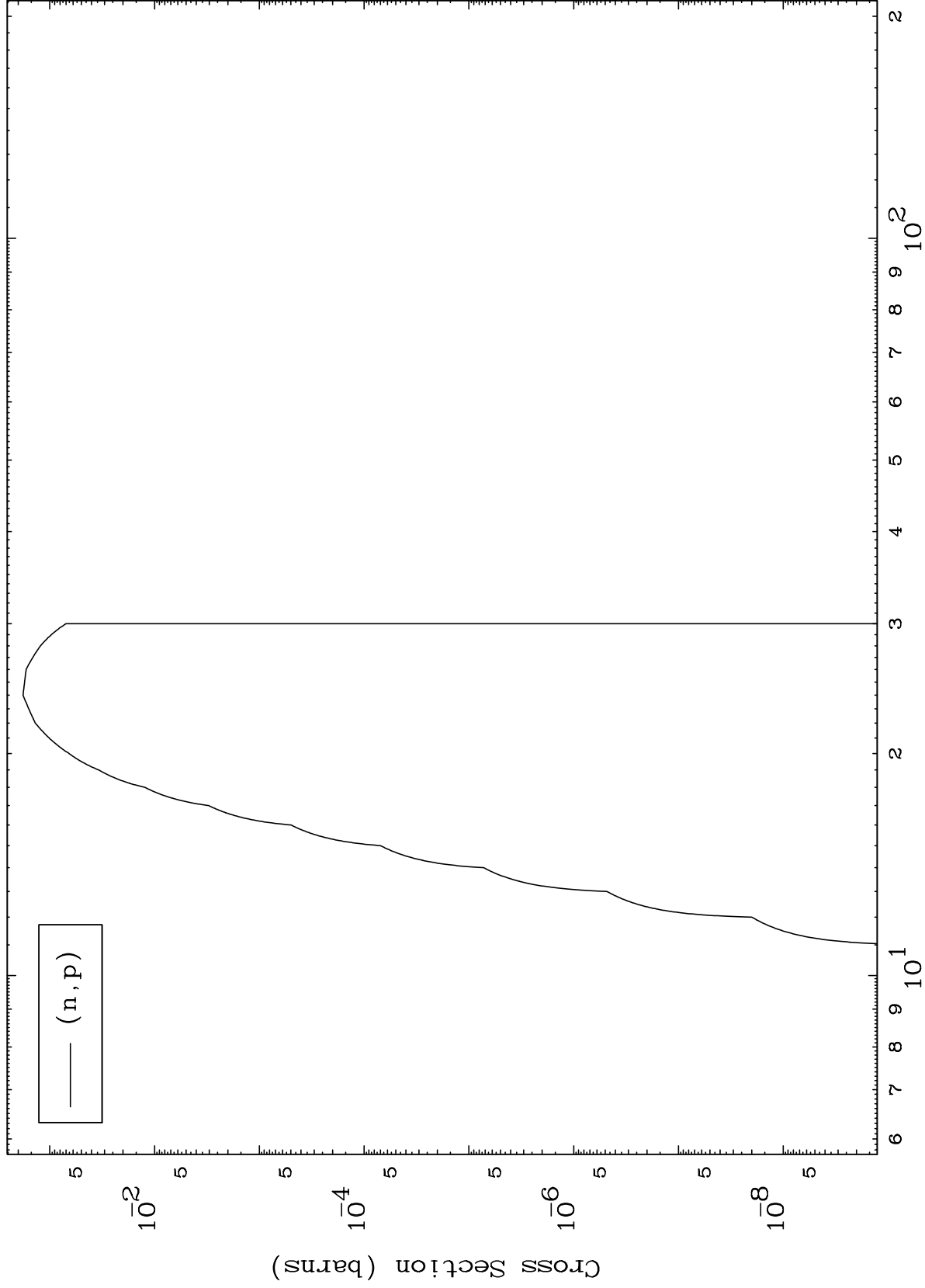


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(α, p) Levels

⁷¹Lu-160

0 Kelvin Cross Sections



6

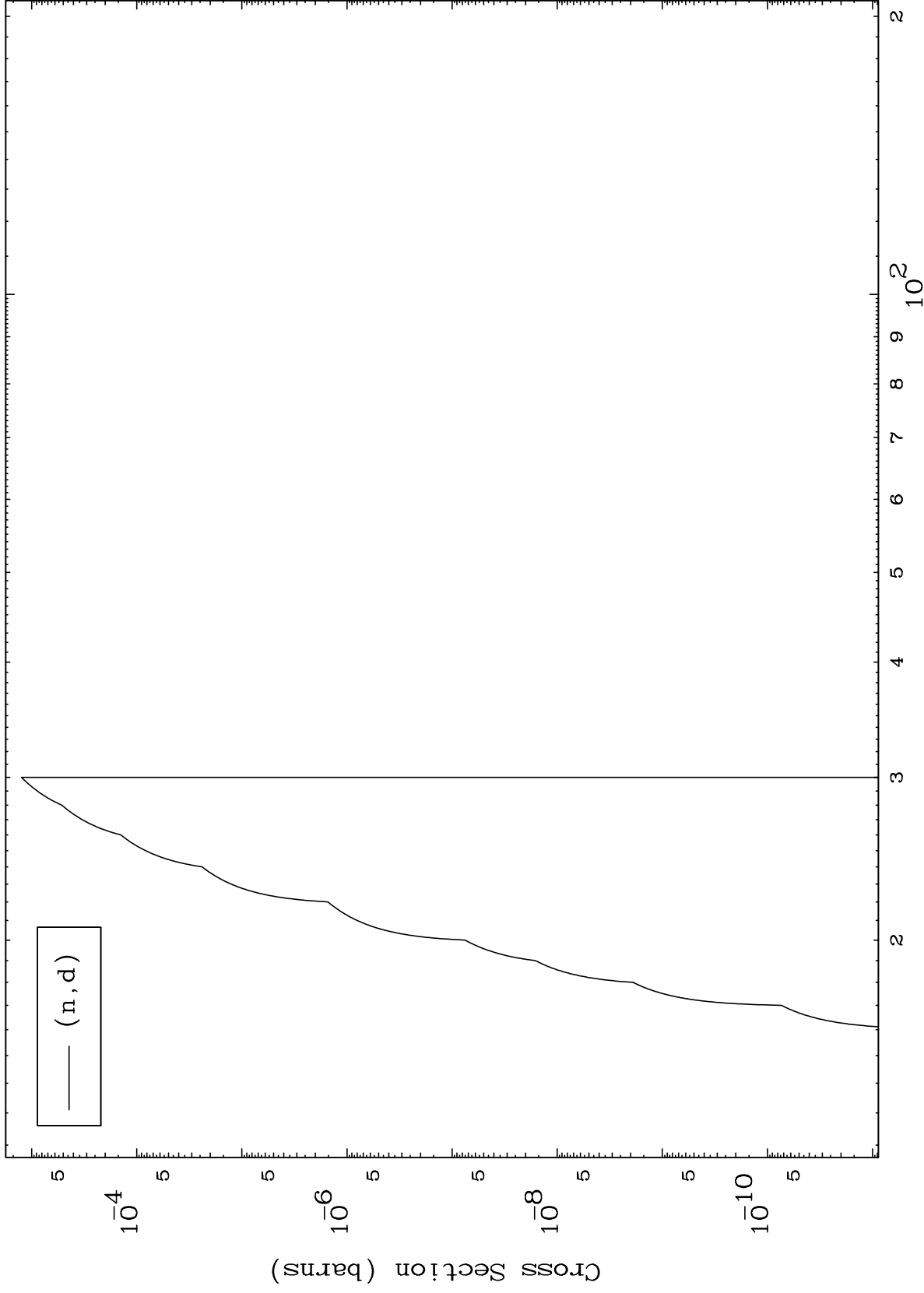
Incident Energy (MeV)

⁷¹Lu-160

MAT 7080

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-160



7

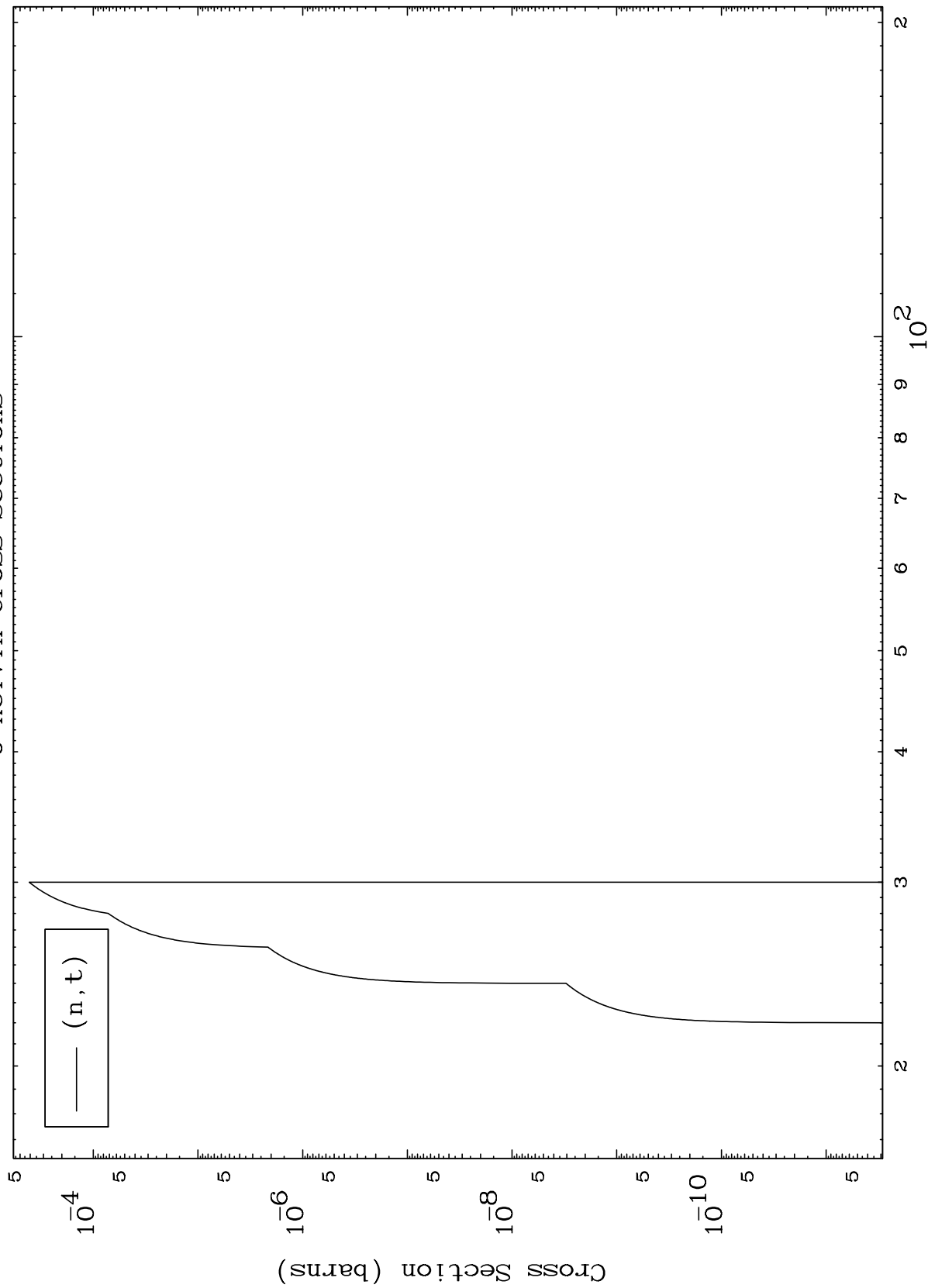
Incident Energy (MeV)

71-Lu-160

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71-Lu-160

(α, t) Levels
0 Kelvin Cross Sections

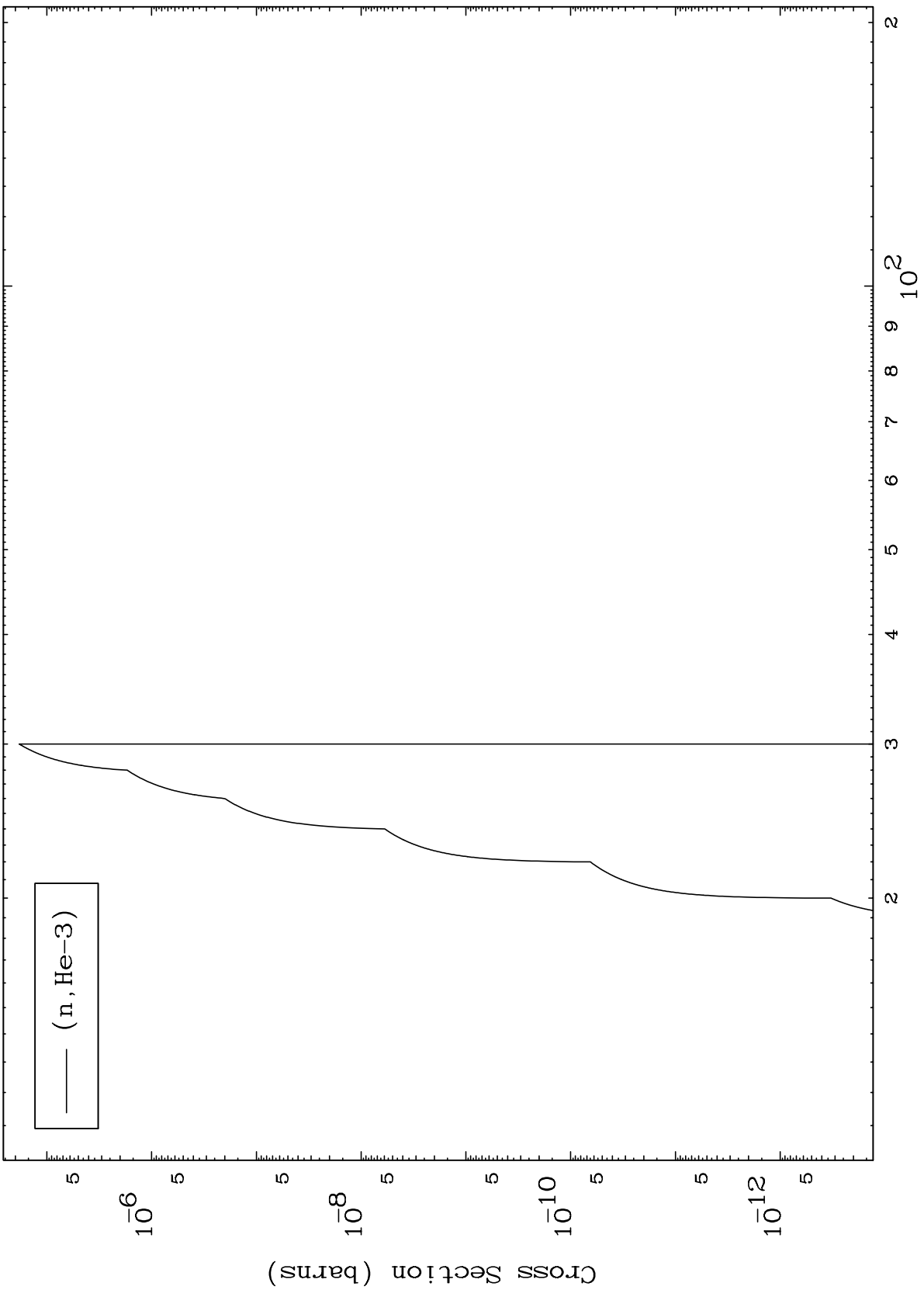


71-Lu-160

Incident Energy (MeV)

8

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



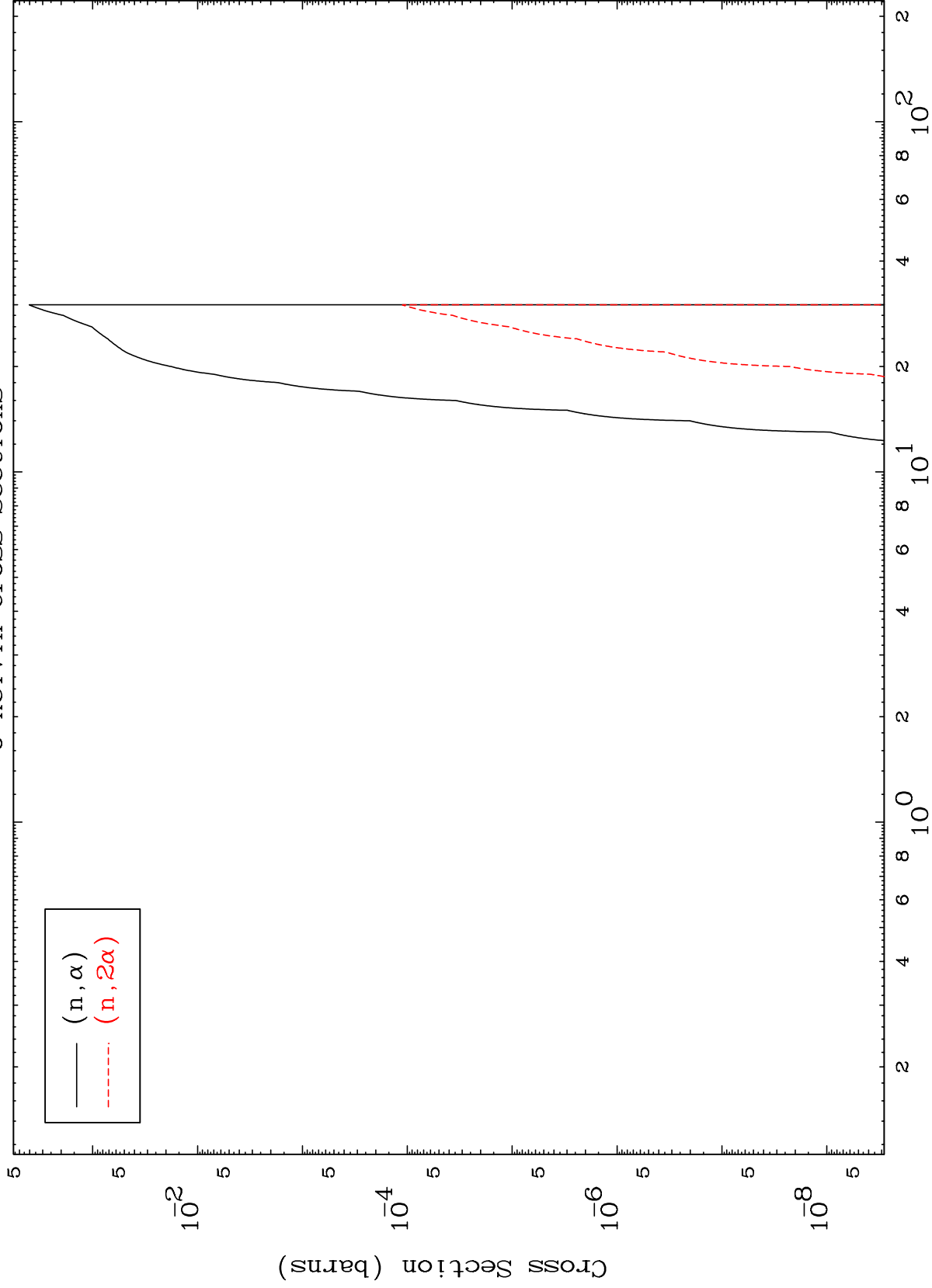
Incident Energy (MeV)

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(α, α) Levels

⁷¹Lu-160

0 Kelvin Cross Sections



10

Incident Energy (MeV)

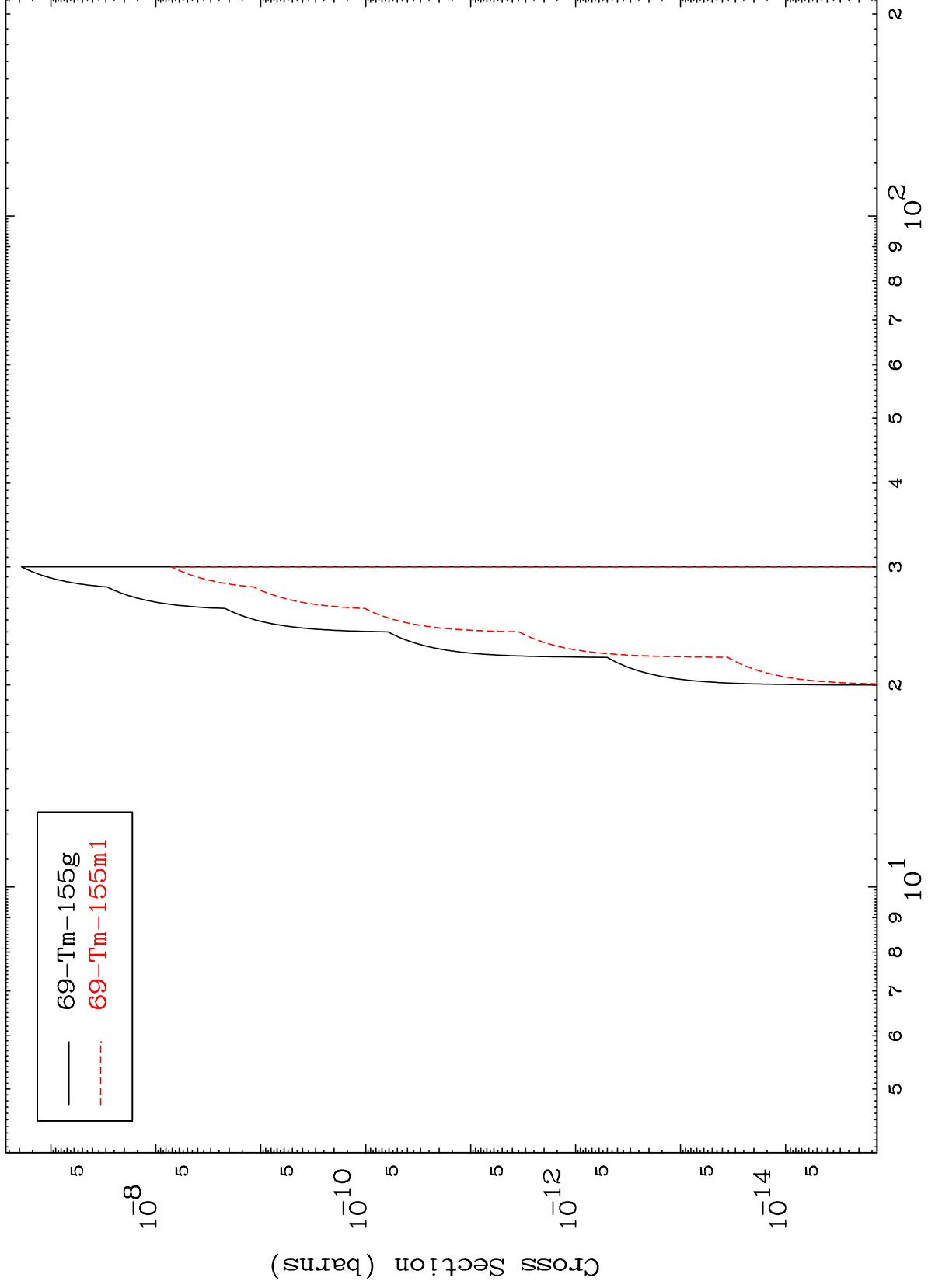
⁷¹Lu-160

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(n,n') 2 α

71-Lu-160

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

11

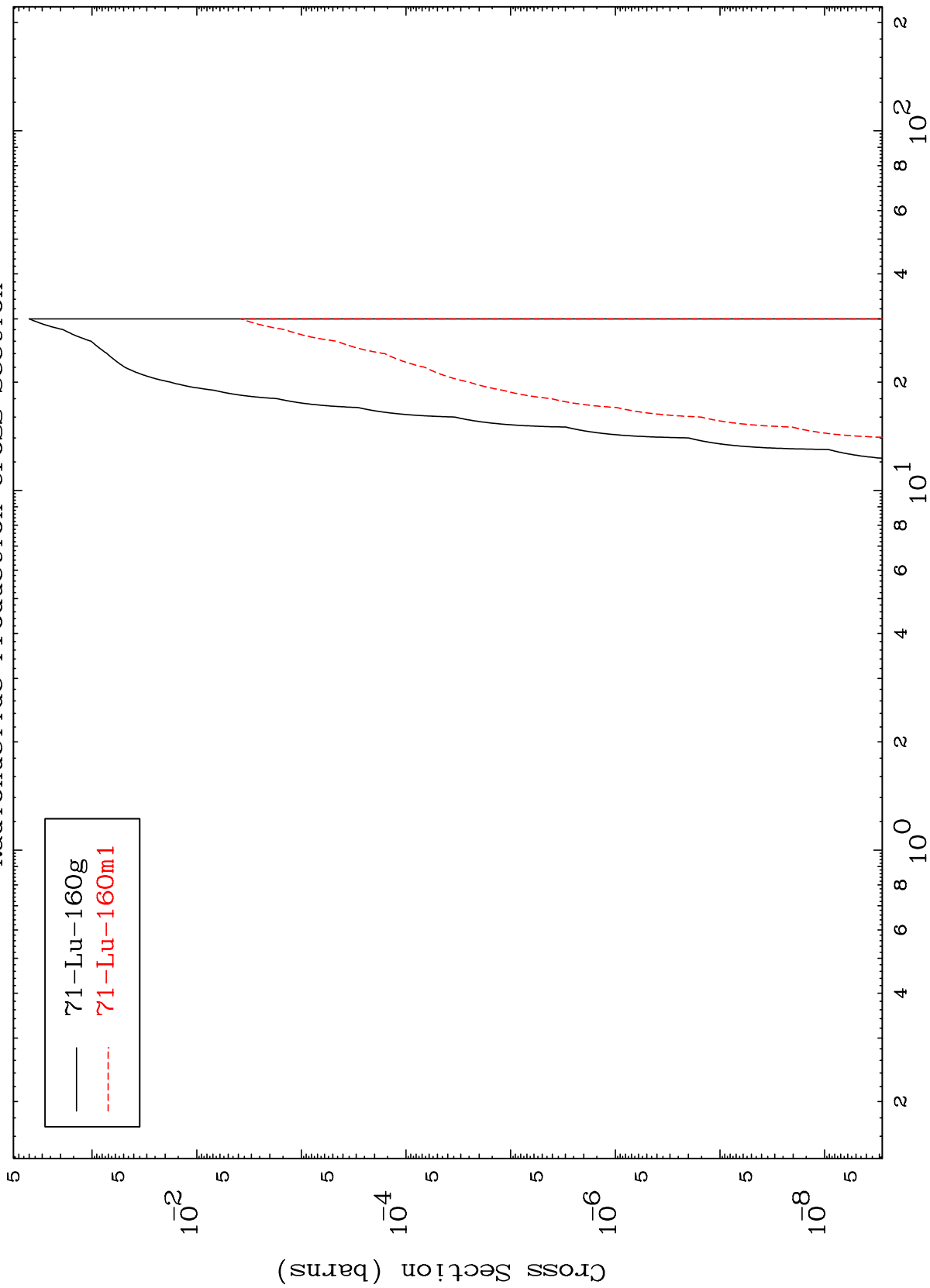
Incident Energy (MeV)

71-Lu-160

MAT 7080

⁷¹Lu-160

Radionuclide Production Cross Section



⁷¹Lu-160

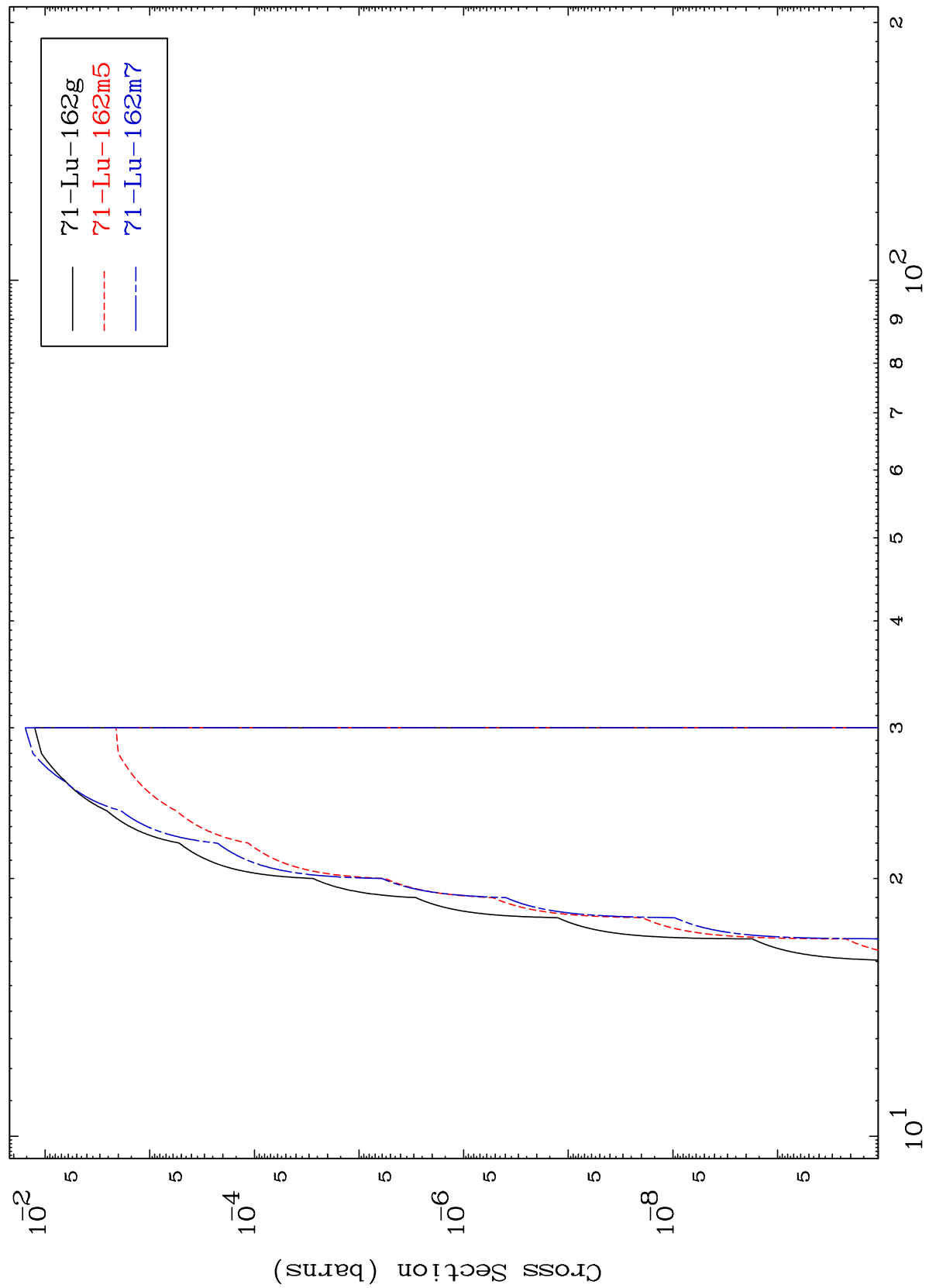
Incident Energy (MeV)

12

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71-Lu-160

(n,2p)
Radionuclide Production Cross Section



71-Lu-160

Incident Energy (MeV)

13