

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

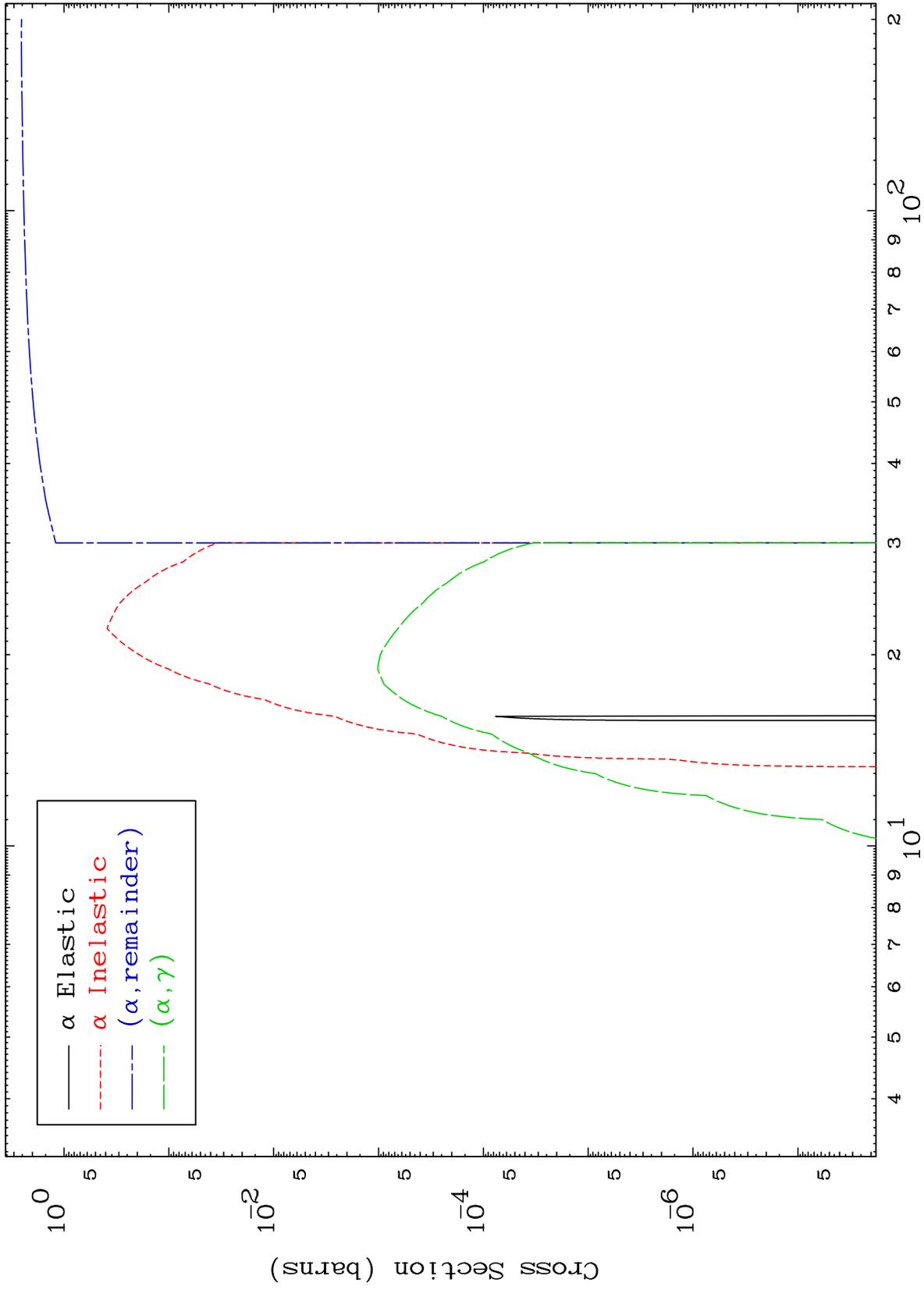
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7101

0 Kelvin α Major
Cross Sections

71-Lu-167



1

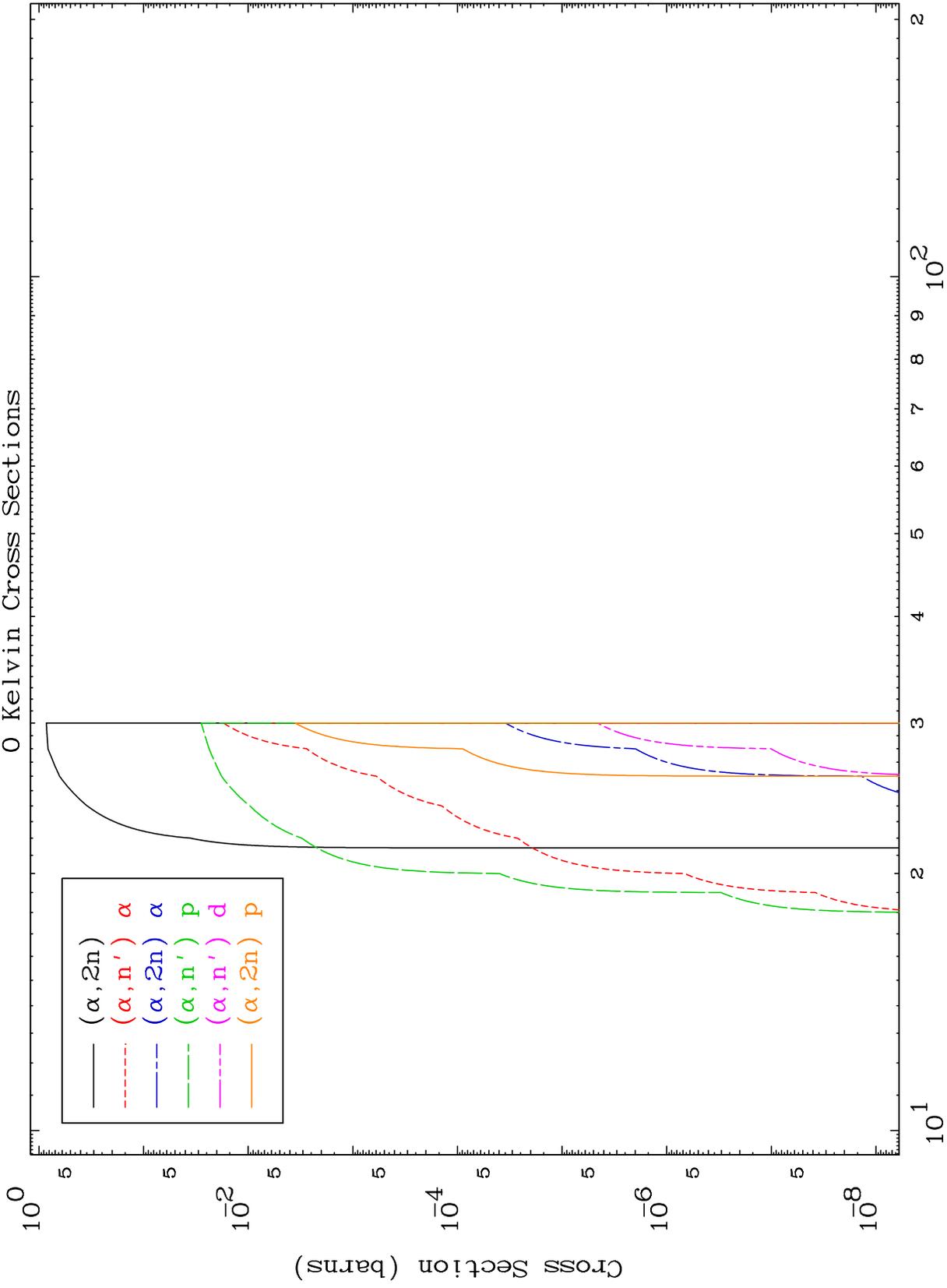
Incident Energy (MeV)

71-Lu-167

MAT 7101

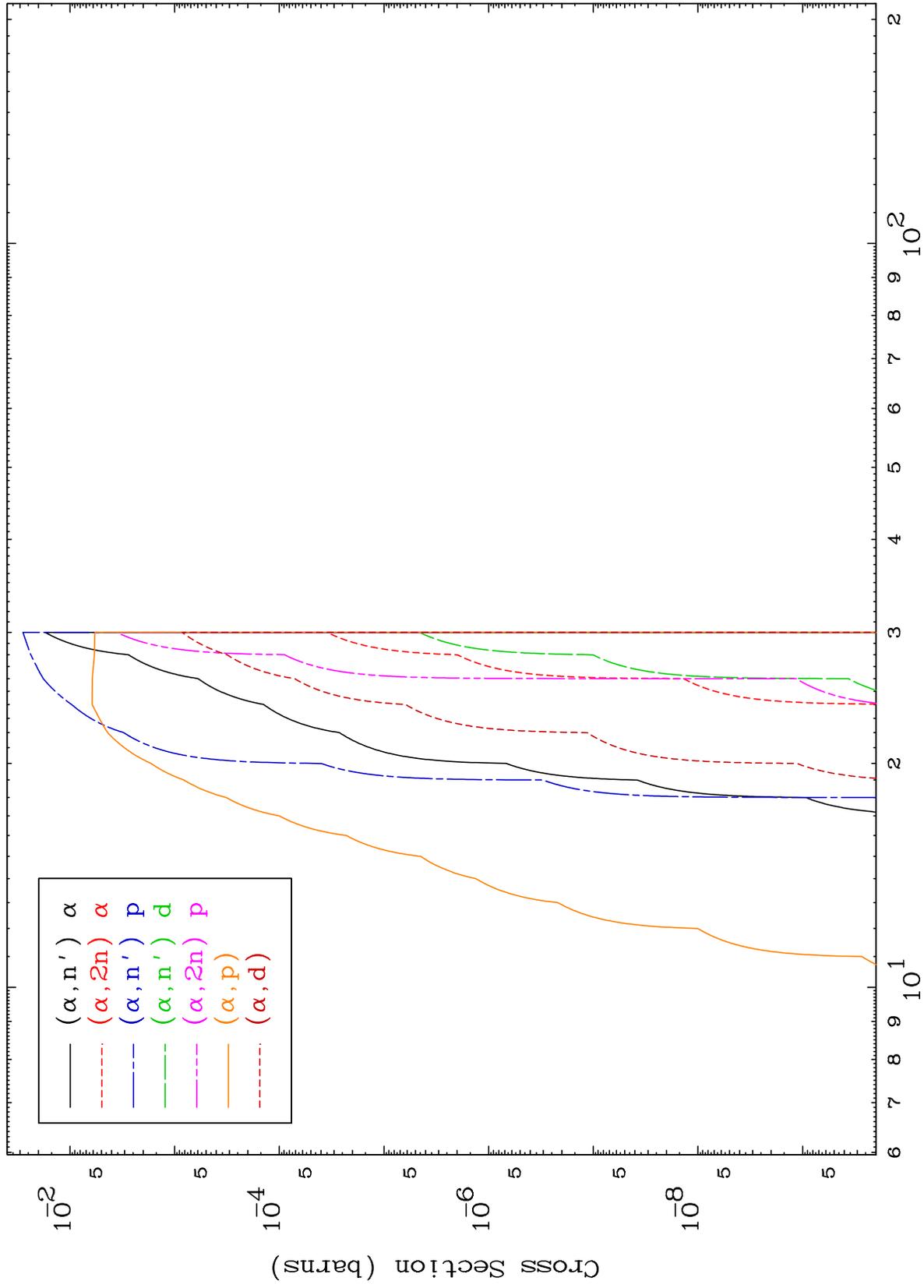
α Neutron Production
0 Kelvin Cross Sections

71-Lu-167



Incident Energy (MeV)

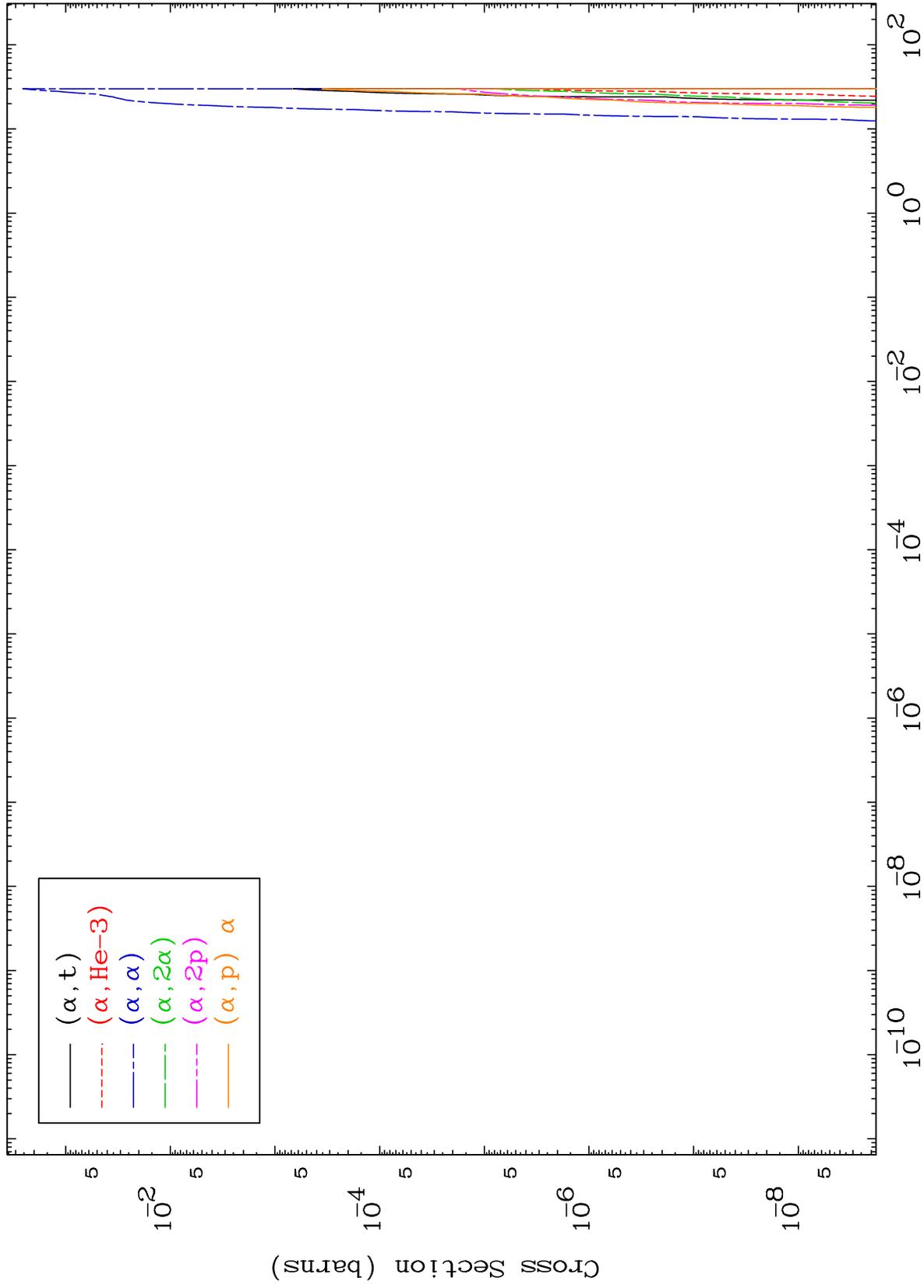
71-Lu-167



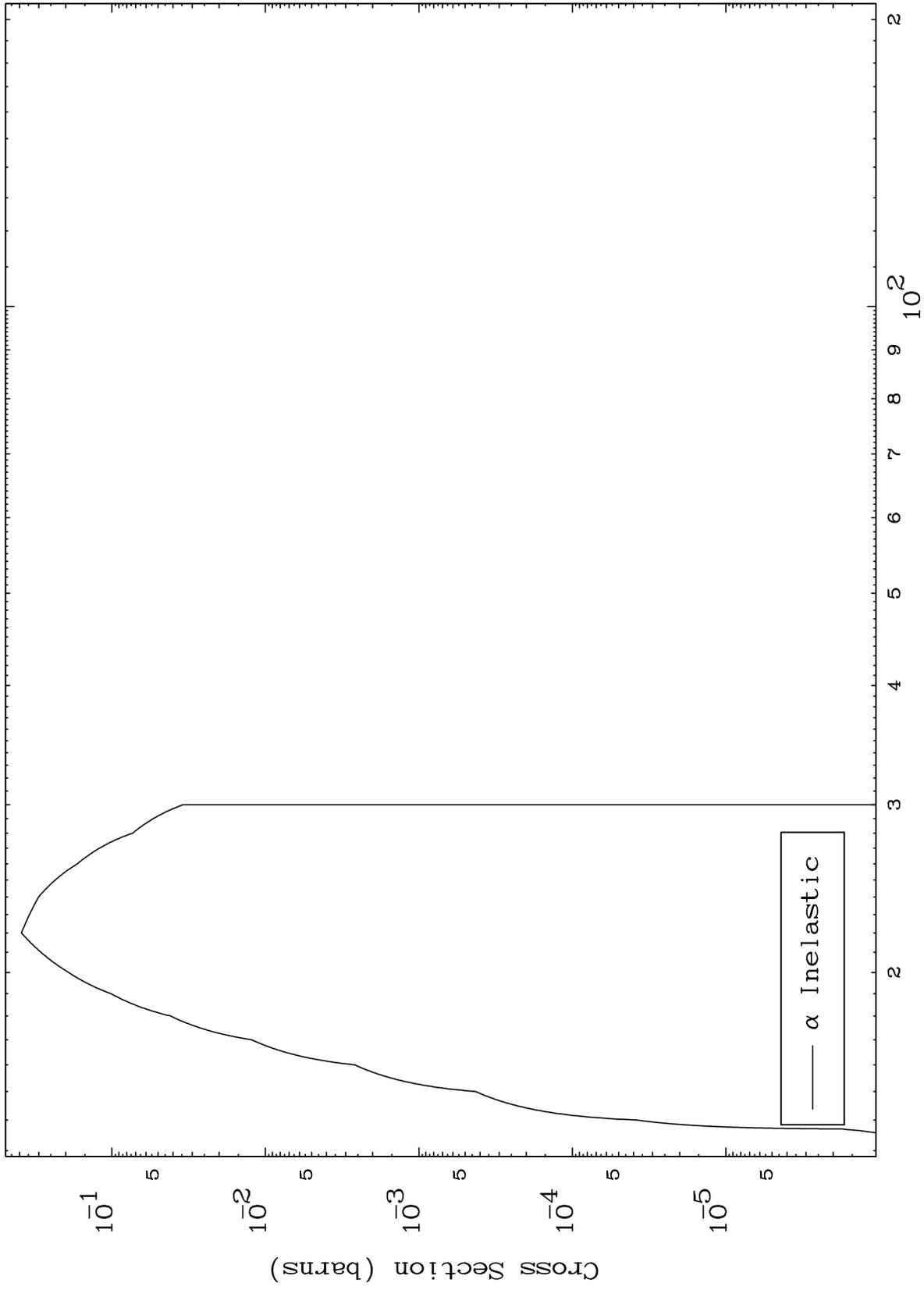
MAT 7101

α Charged Particle
0 Kelvin Cross Sections

71-Lu-167



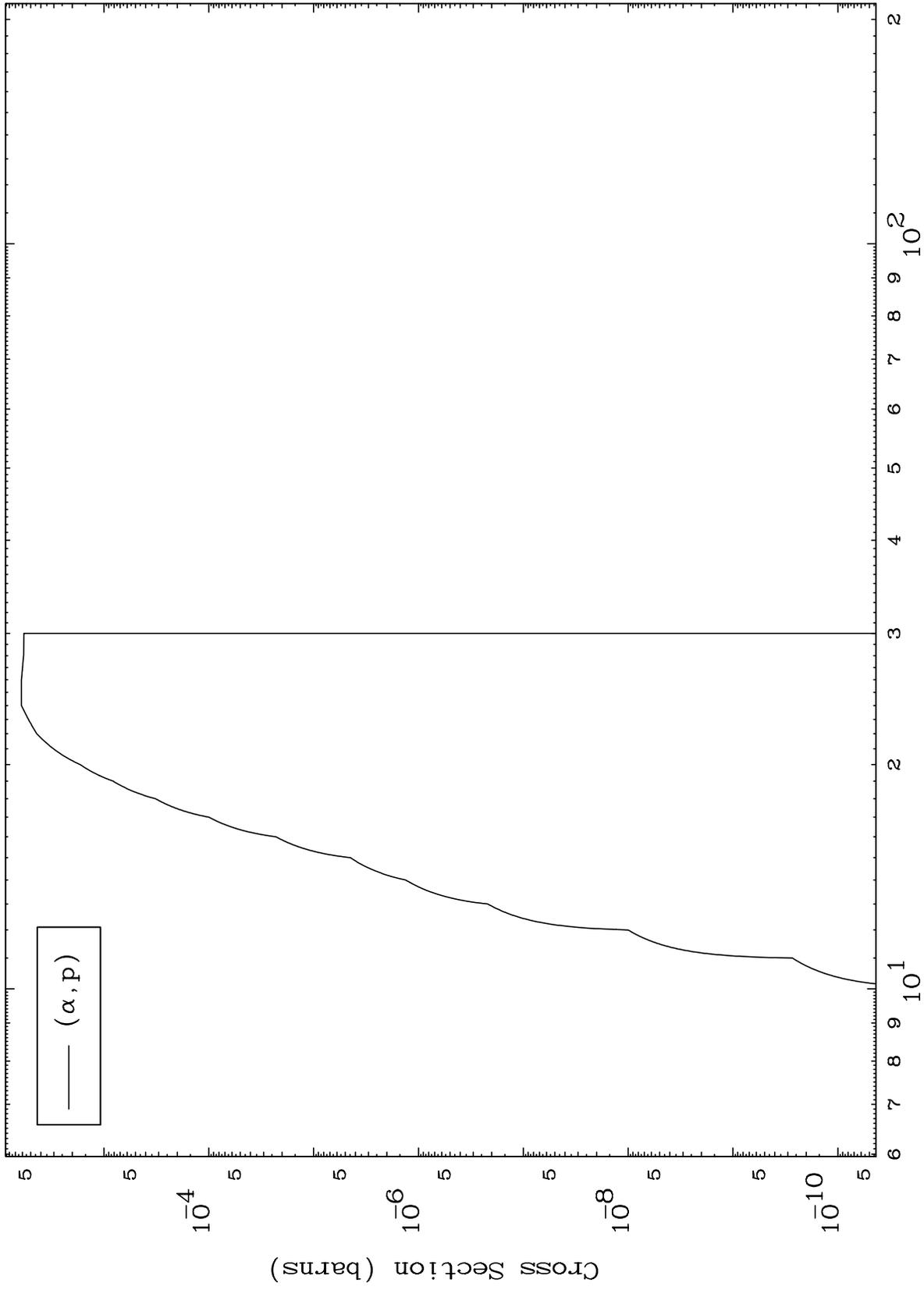
71-Lu-167



MAT 7101

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-167



6

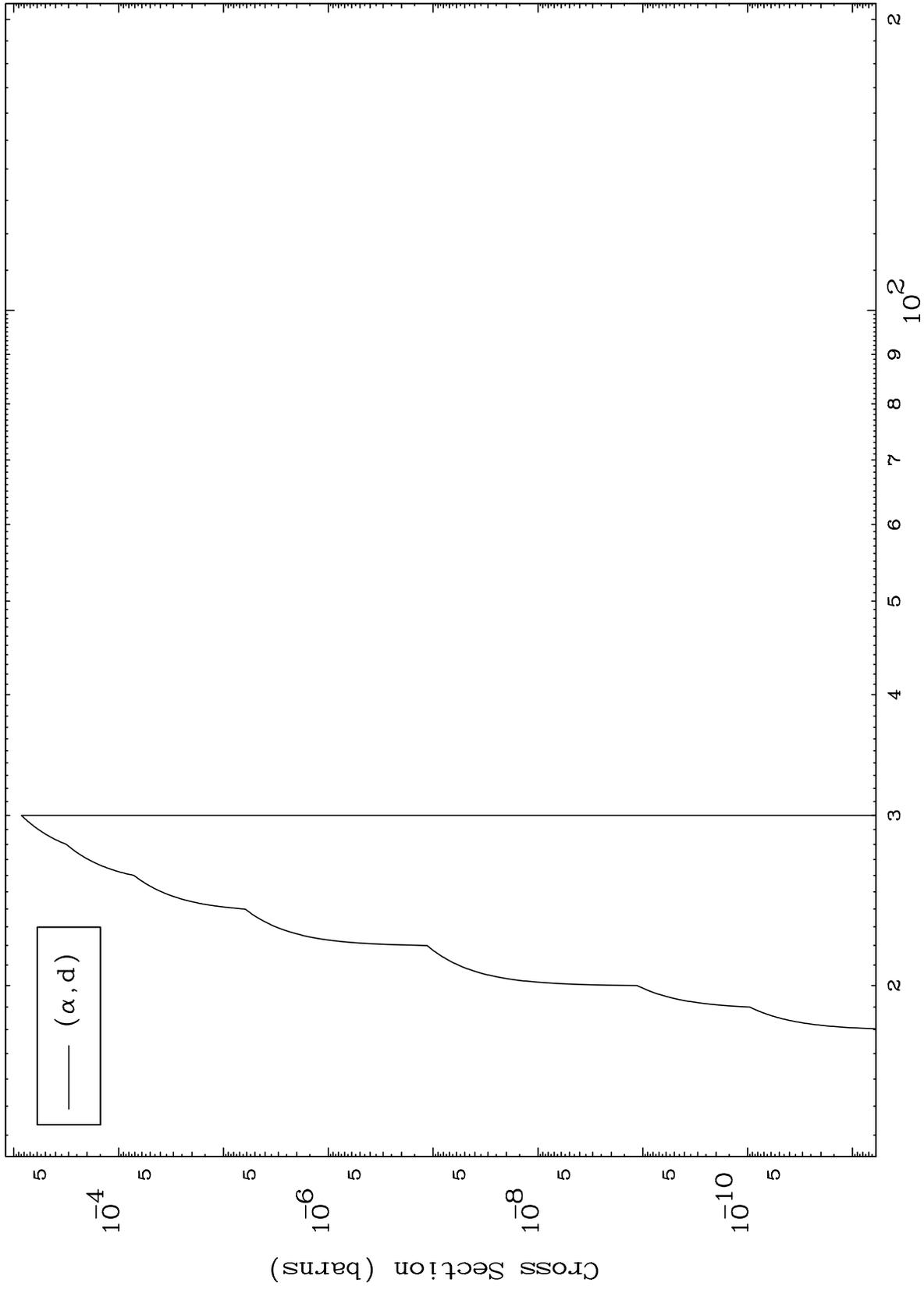
Incident Energy (MeV)

71-Lu-167

MAT 7101

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-167



7

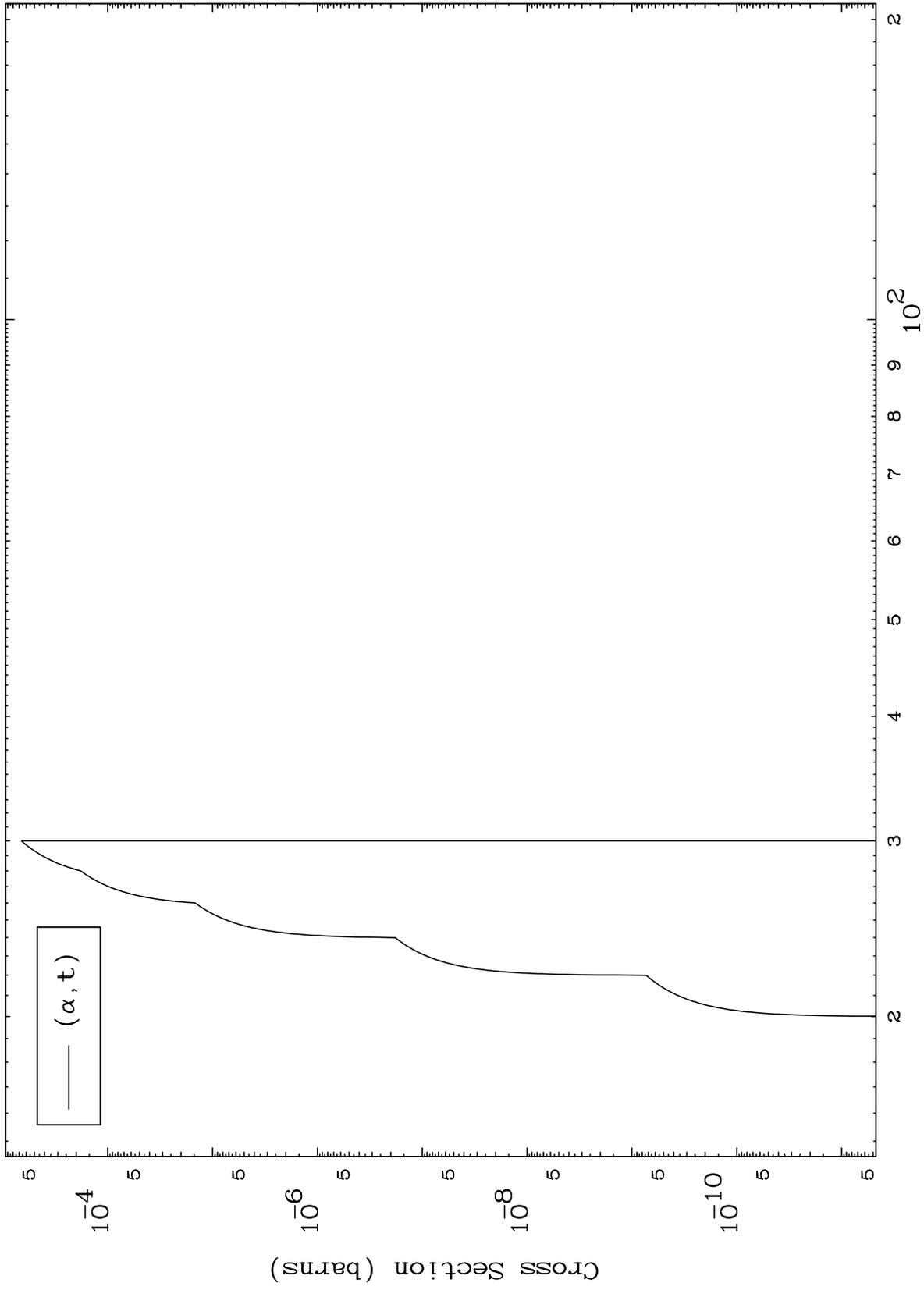
Incident Energy (MeV)

71-Lu-167

MAT 7101

(α, t) Levels
0 Kelvin Cross Sections

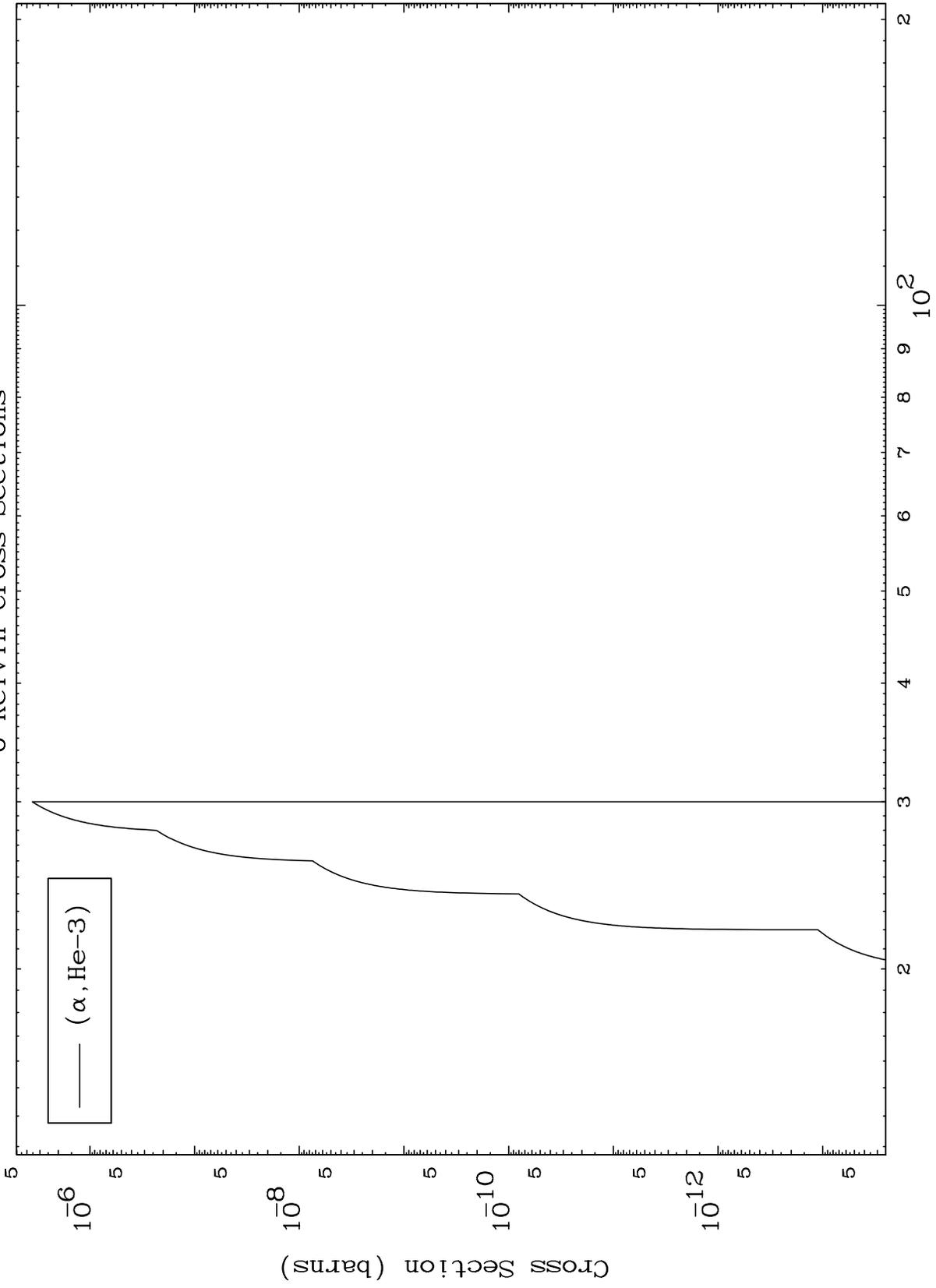
71-Lu-167



8

Incident Energy (MeV)

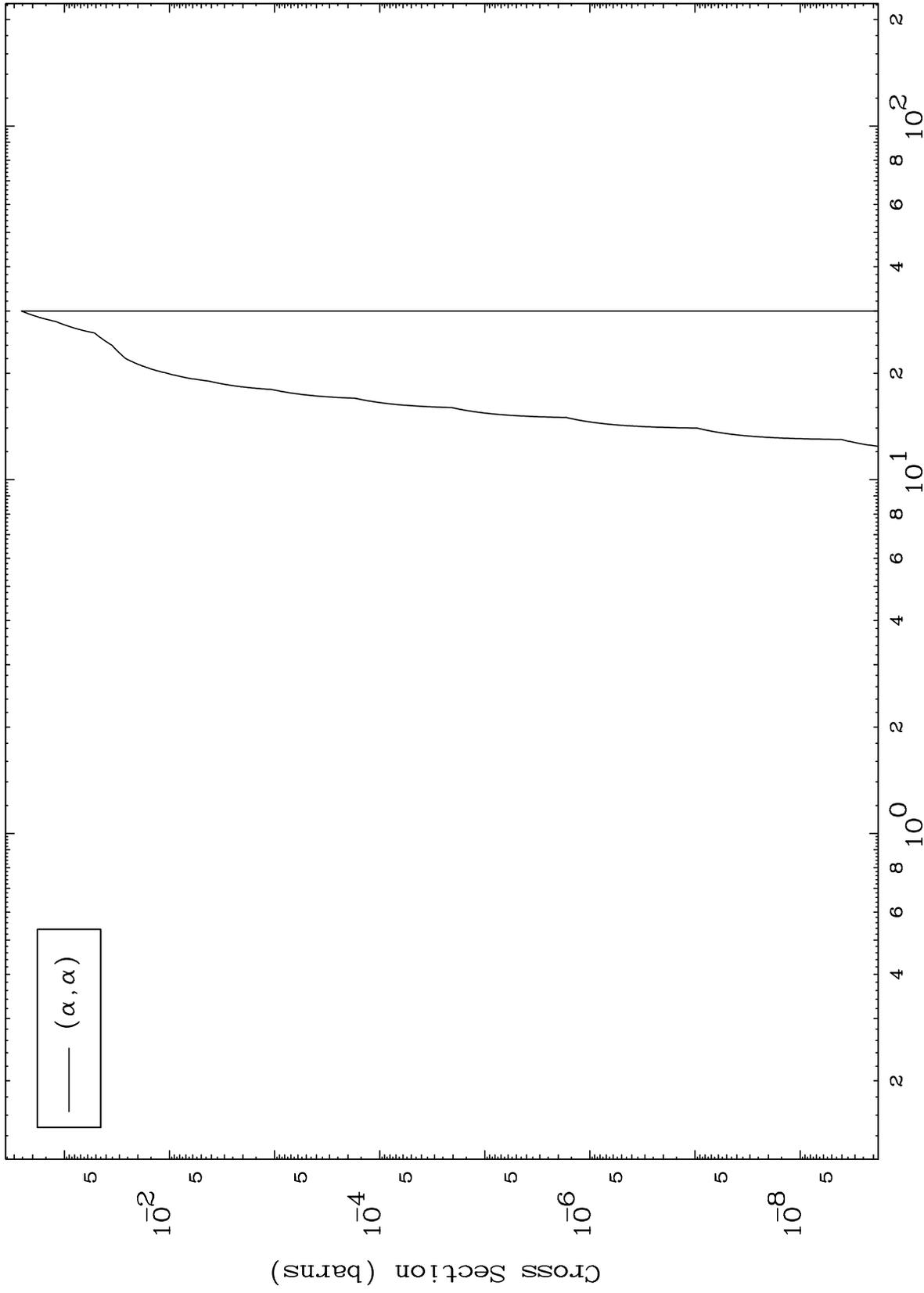
71-Lu-167



MAT 7101

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-167



10

Incident Energy (MeV)

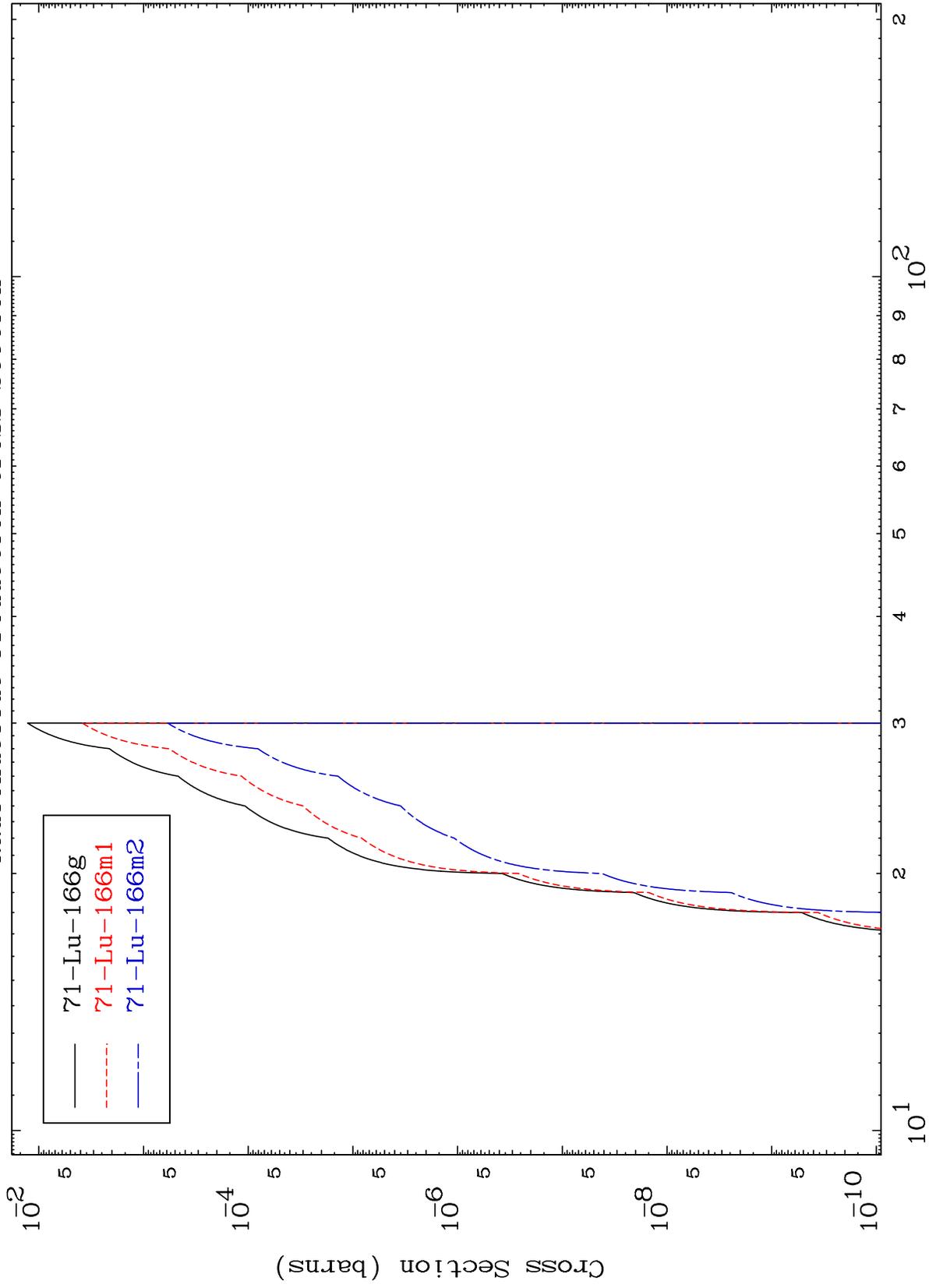
71-Lu-167

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(α, n') α

71-Lu-167

Radionuclide Production Cross Section



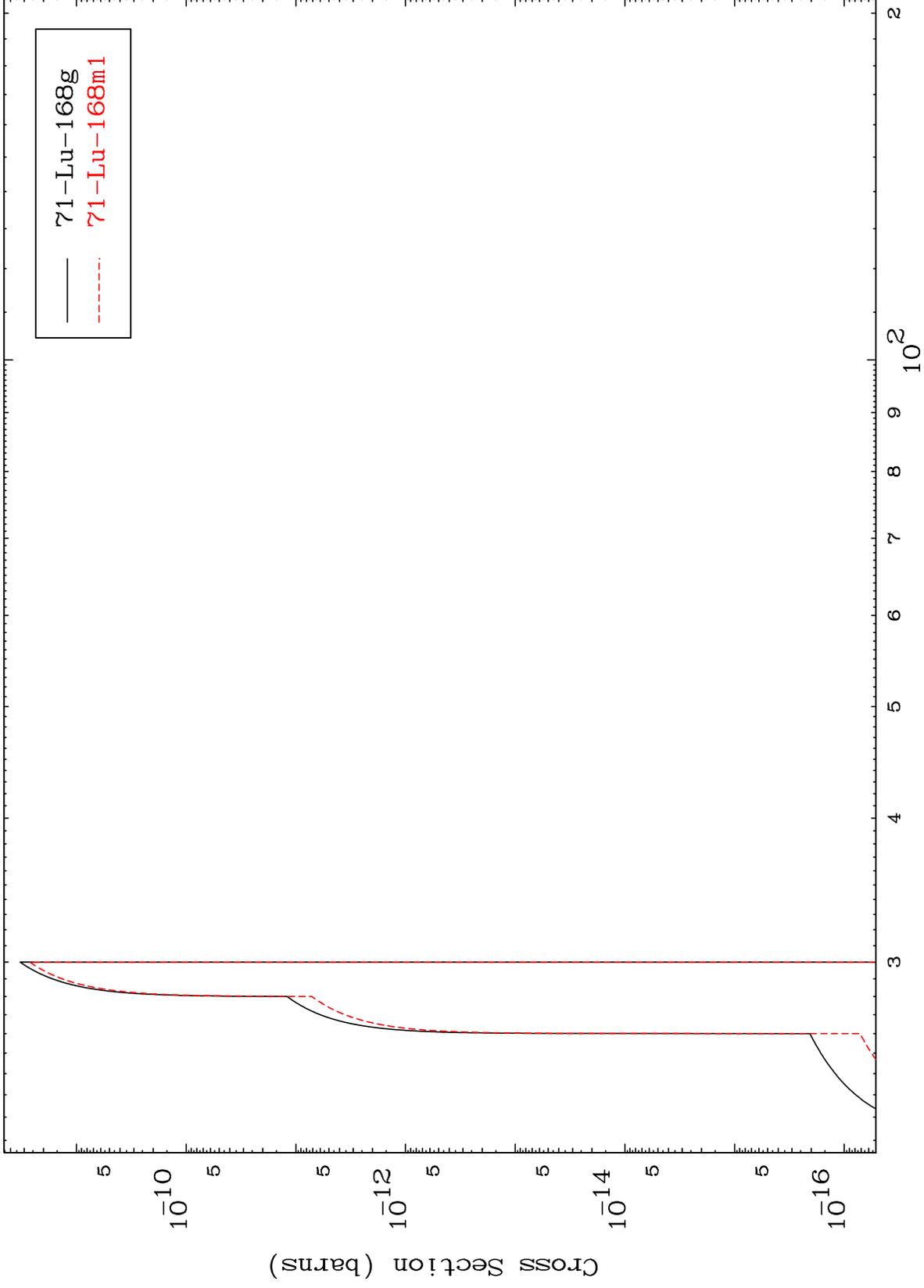
11

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($\alpha, 2n$) p

⁷¹Lu-167

Radionuclide Production Cross Section



12

Incident Energy (MeV)

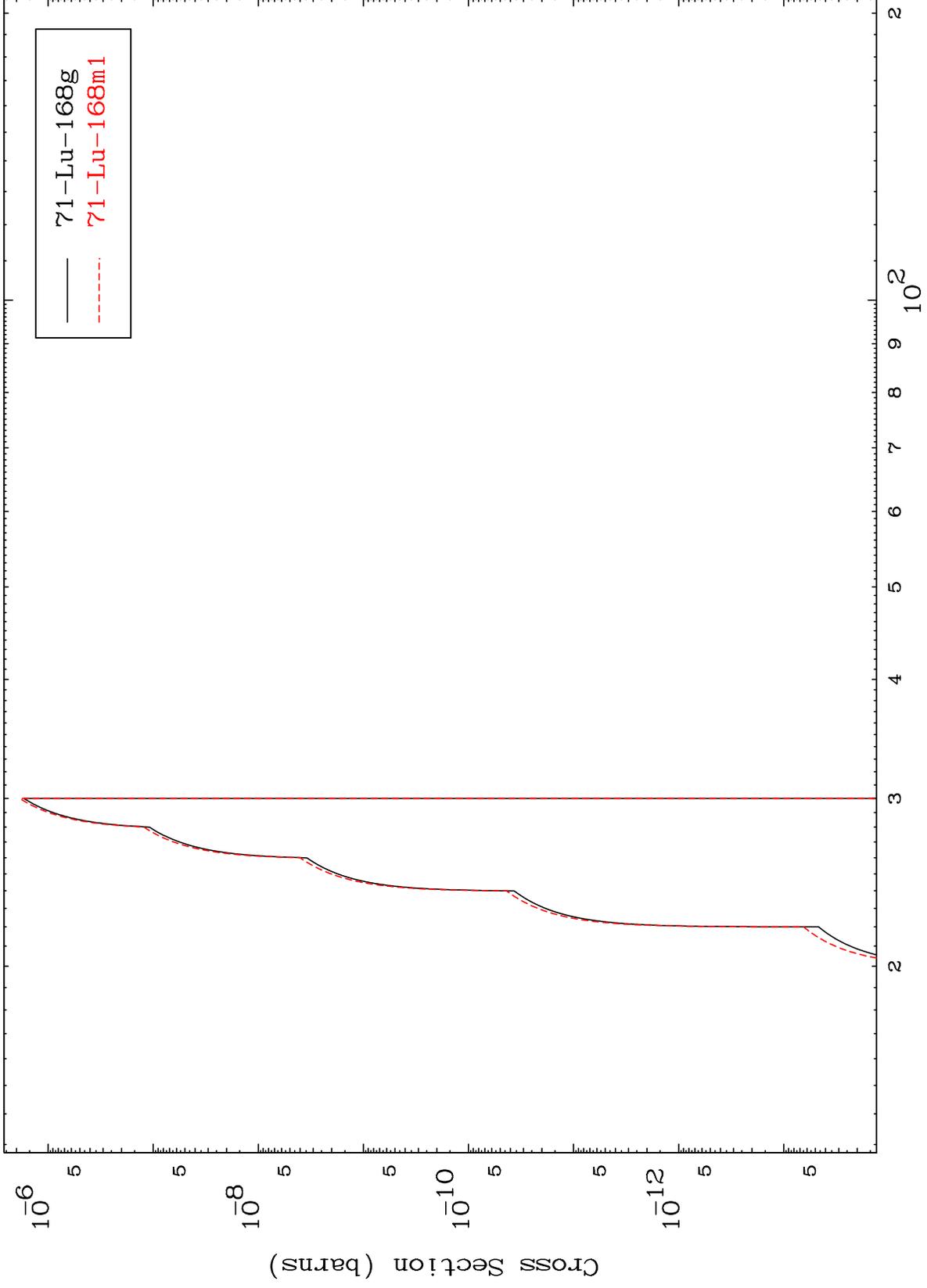
⁷¹Lu-167

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($\alpha, \text{He-3}$)

$^{71}\text{Lu-167}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

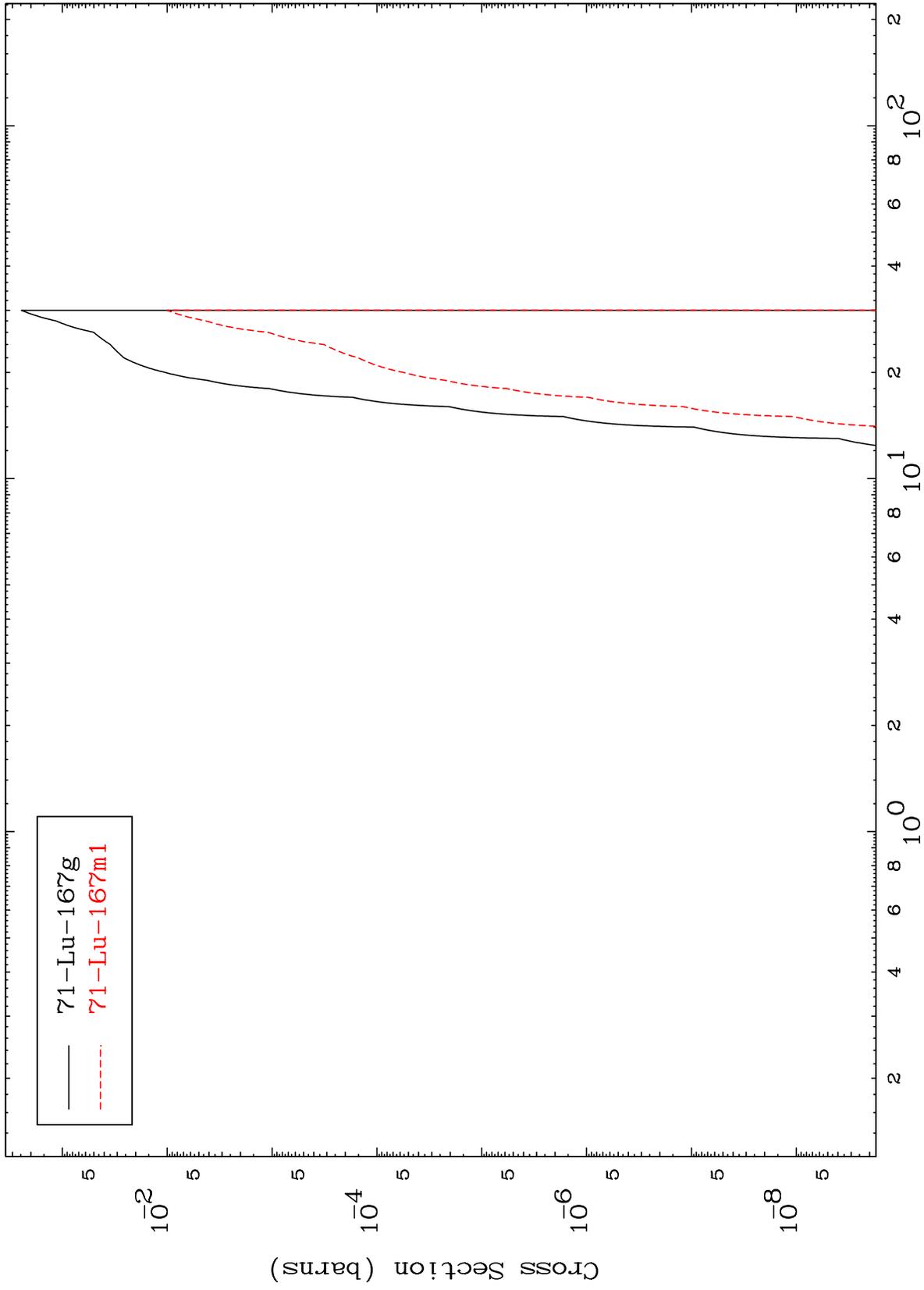
$^{71}\text{Lu-167}$

MAT 7101

(α, α)

⁷¹Lu-167

Radionuclide Production Cross Section



14

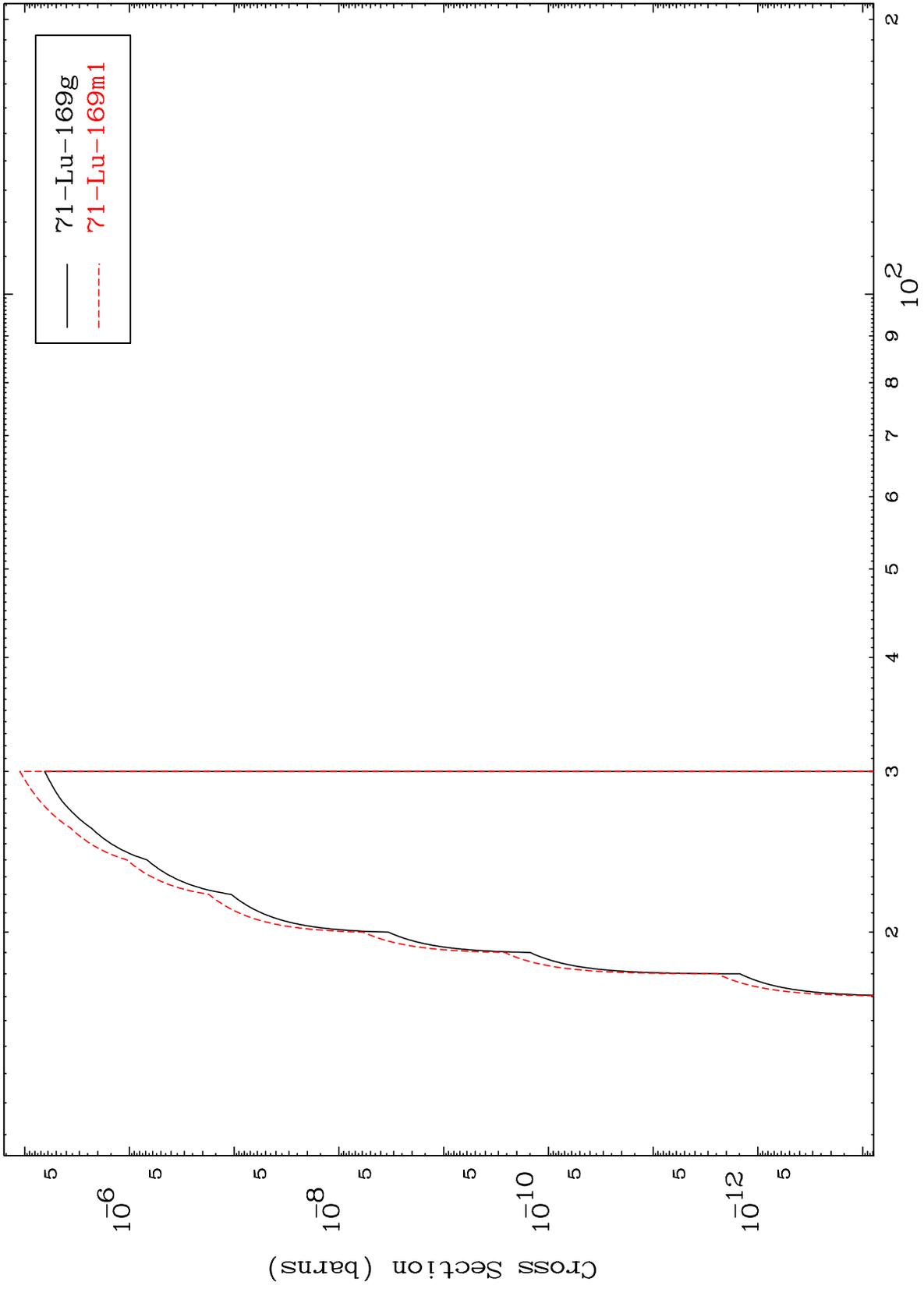
Incident Energy (MeV)

⁷¹Lu-167

MAT 7101

71-Lu-167

($\alpha, 2p$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-167