

Program EVALPLOT
(Version 2018-1)

by

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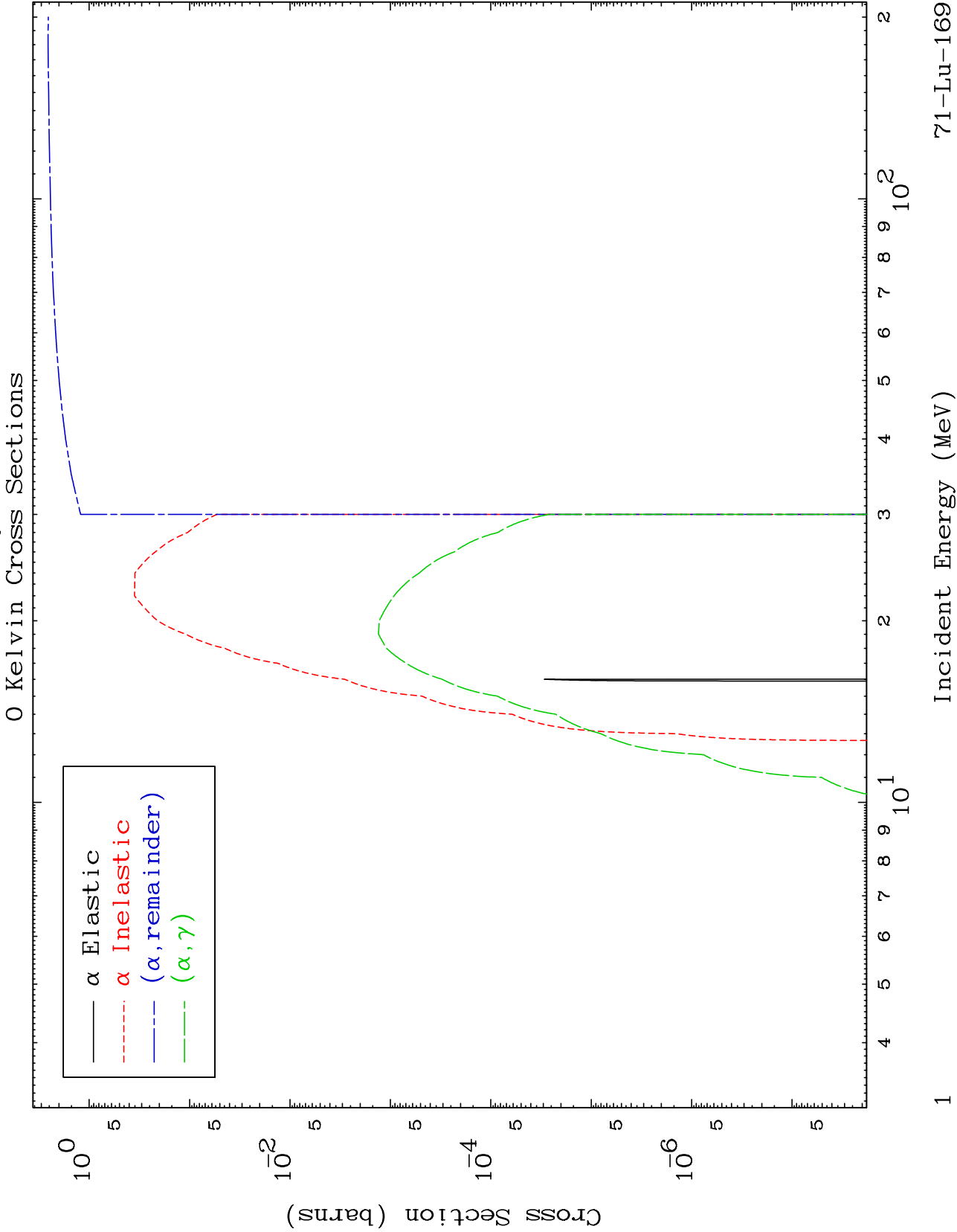
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7108

0 Kelvin Major

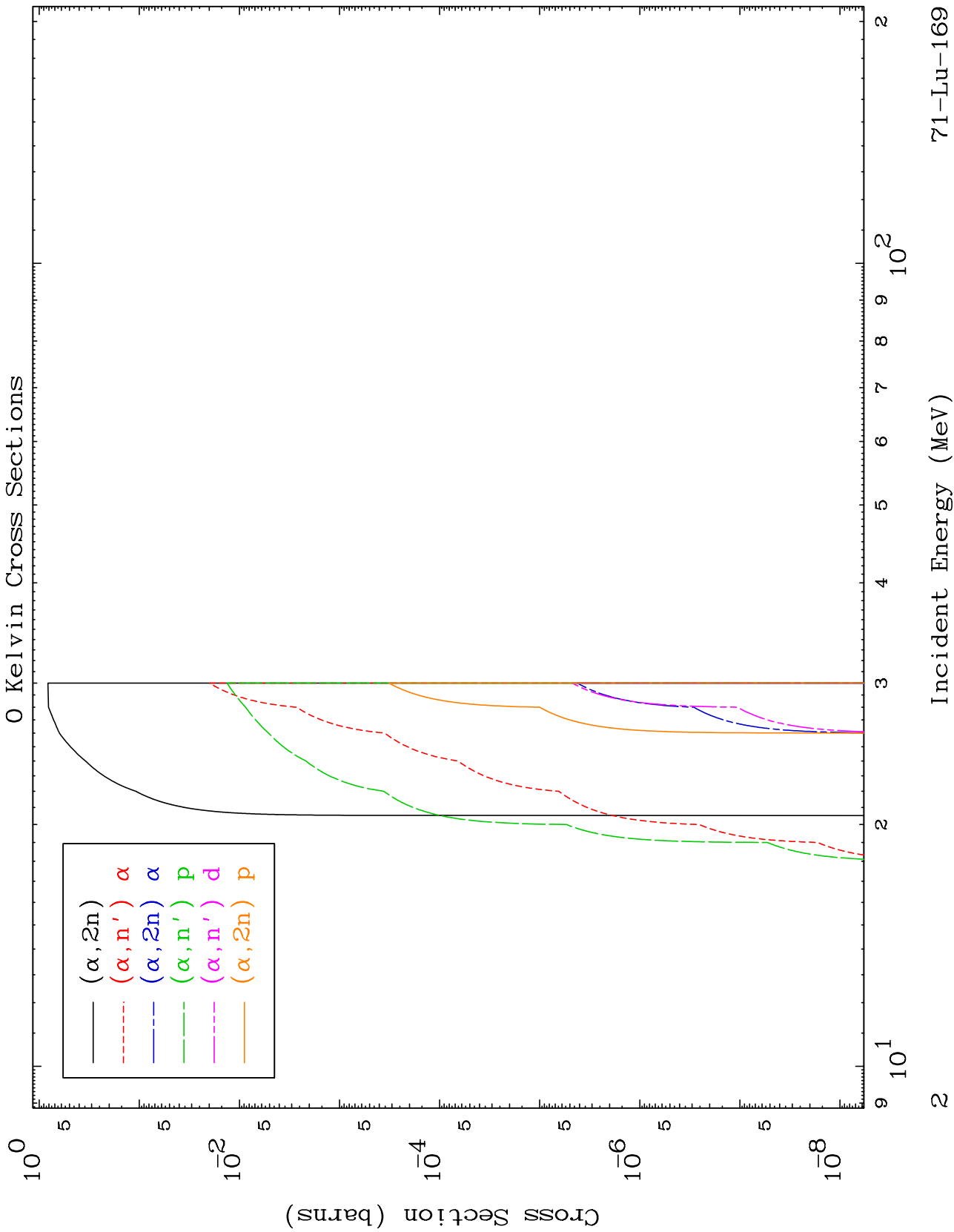
71-Lu-169



MAT 7108

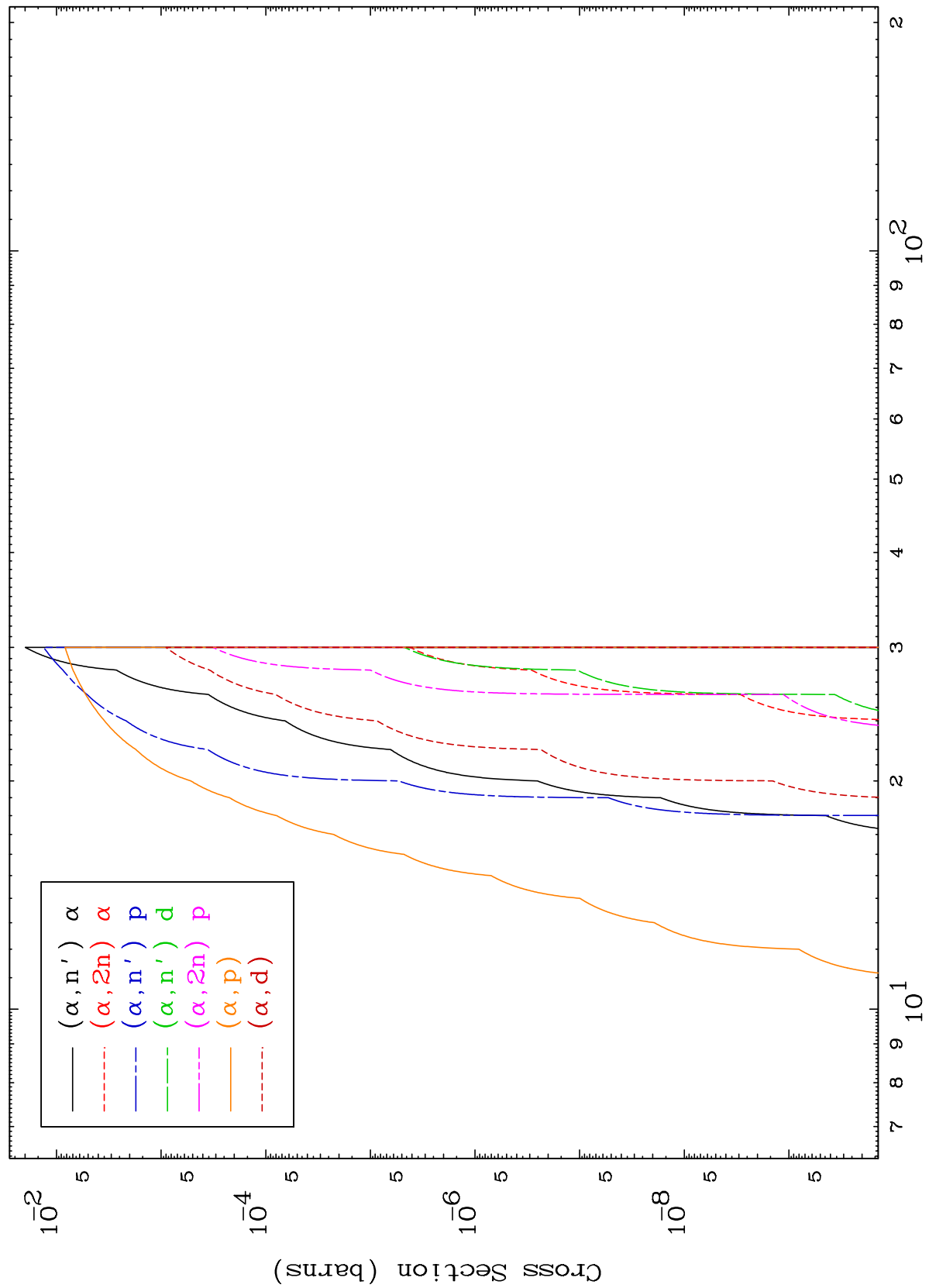
α Neutron Production
0 Kelvin Cross Sections

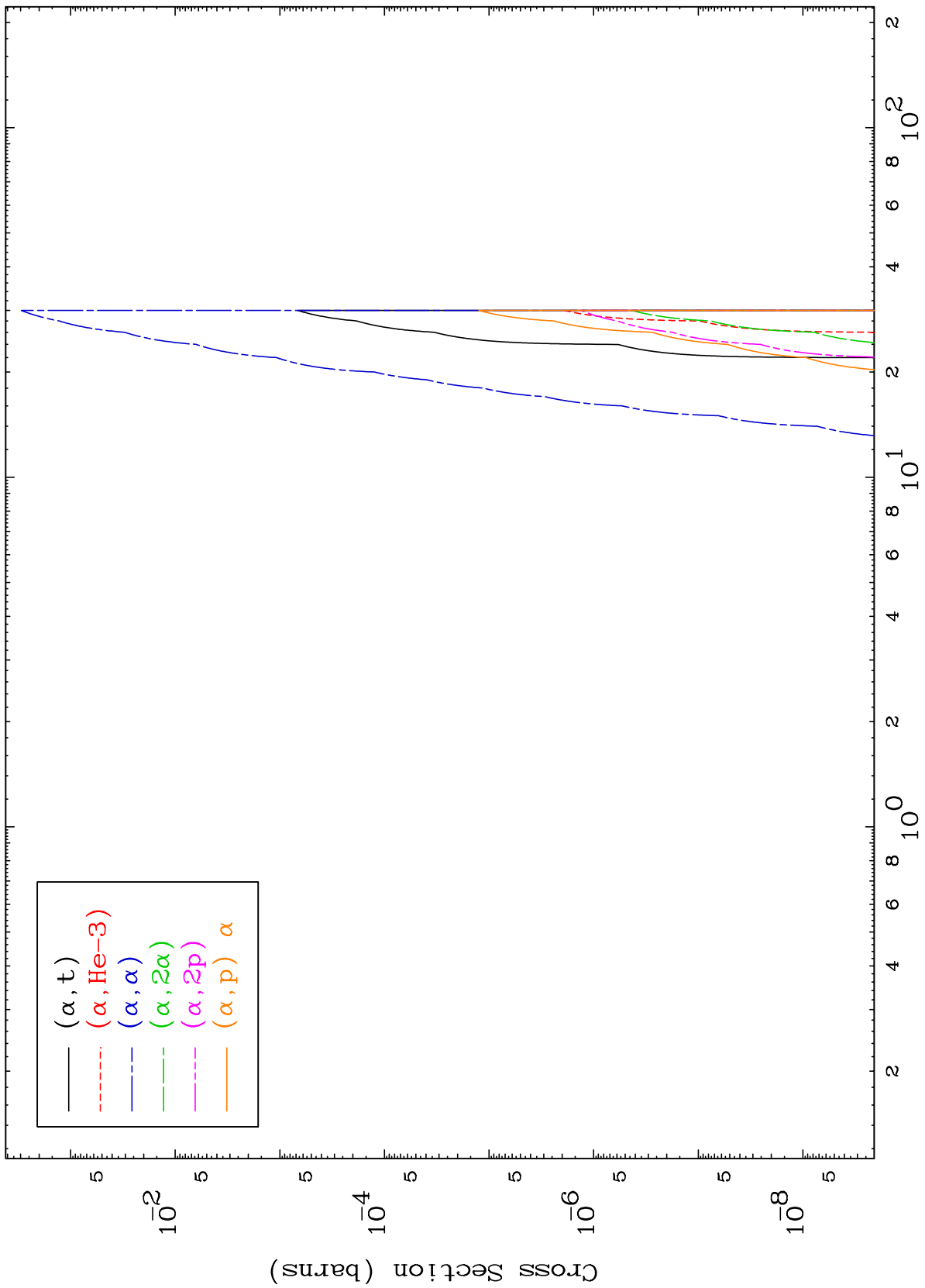
71-Lu-169



71-Lu-169

Incident Energy (MeV)



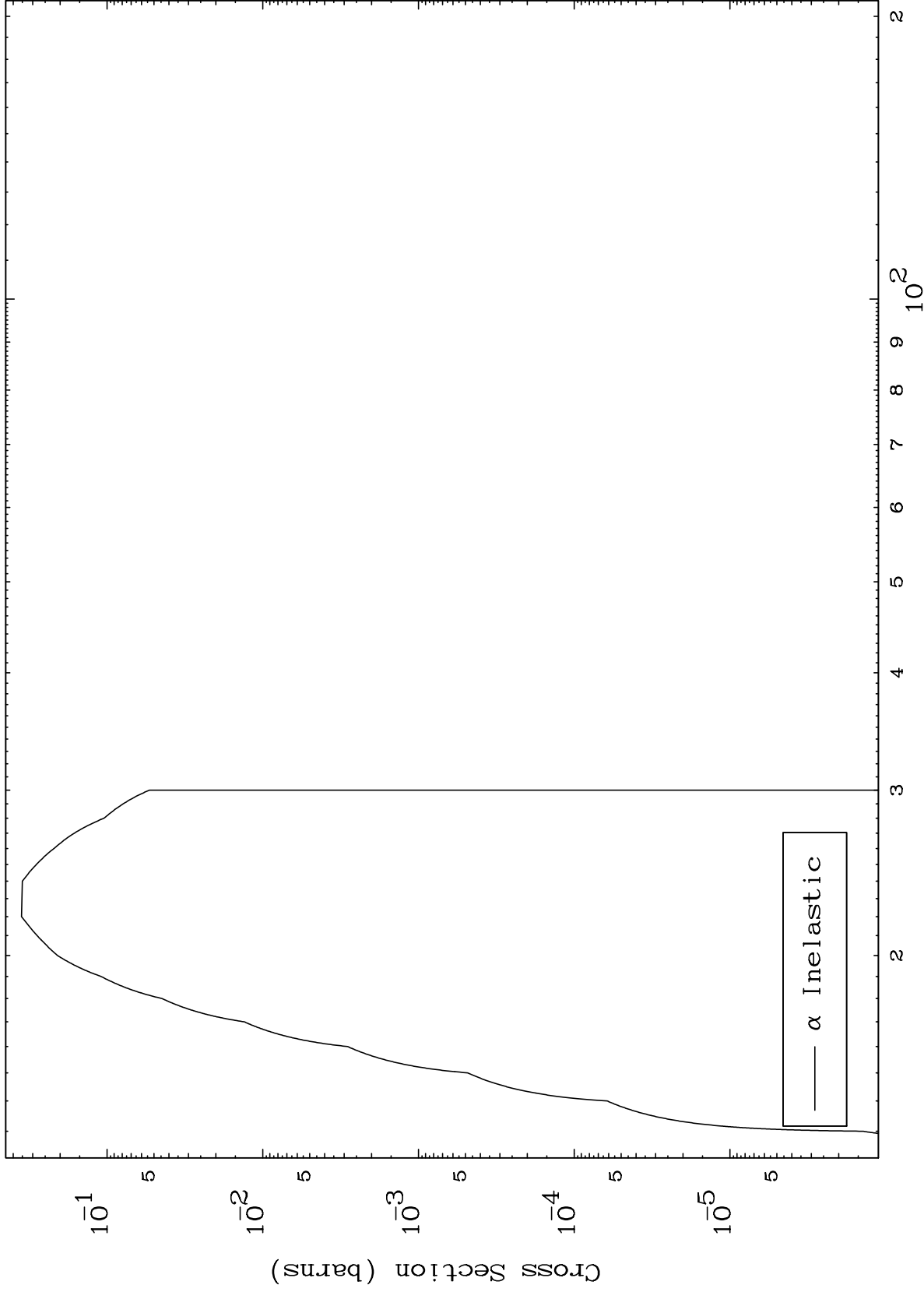


MAT 7108

(α, n') Level

71-Lu-169

0 Kelvin Cross Sections



5

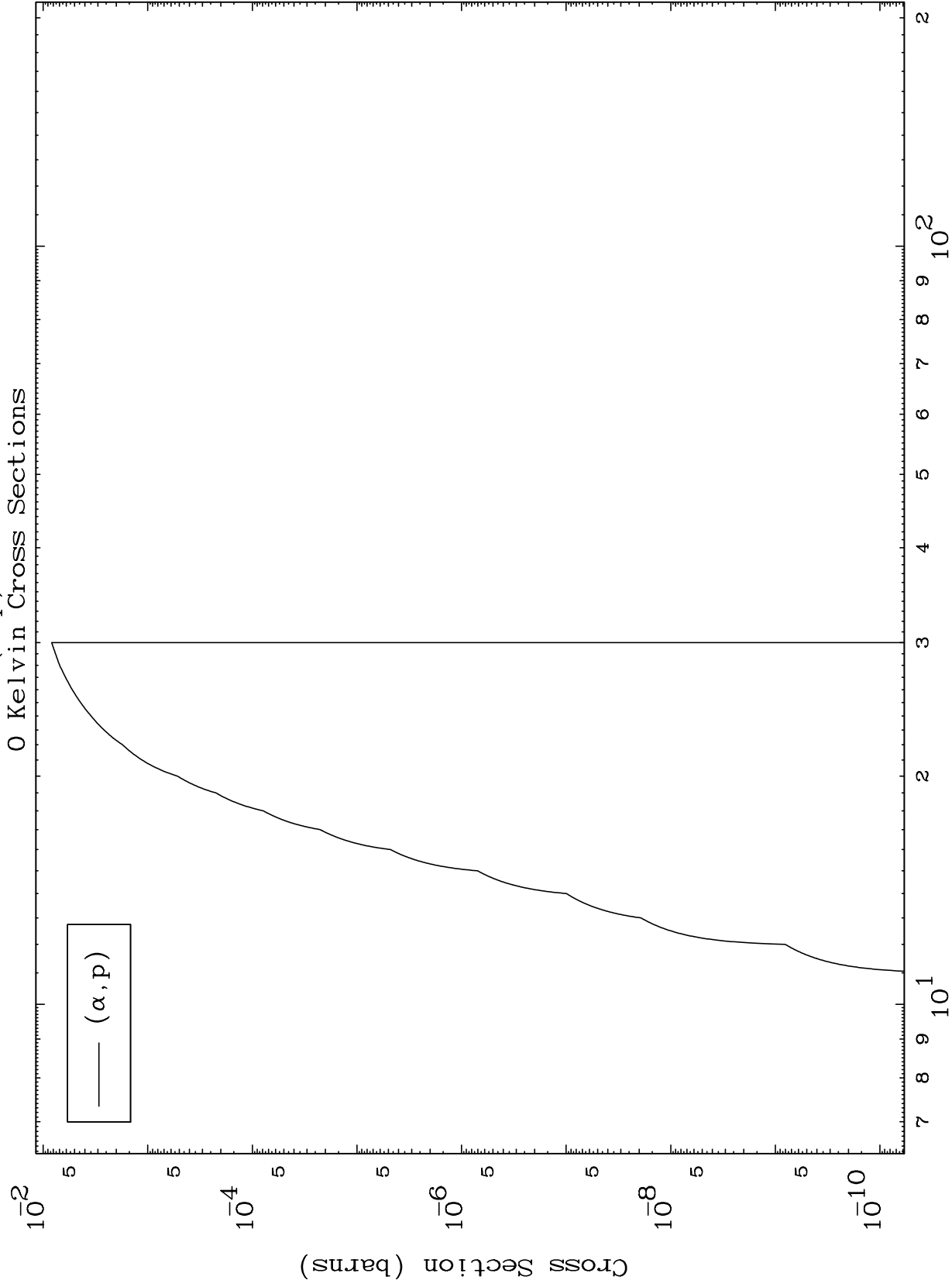
Incident Energy (MeV)

71-Lu-169

MAT 7108

(α, p) Levels

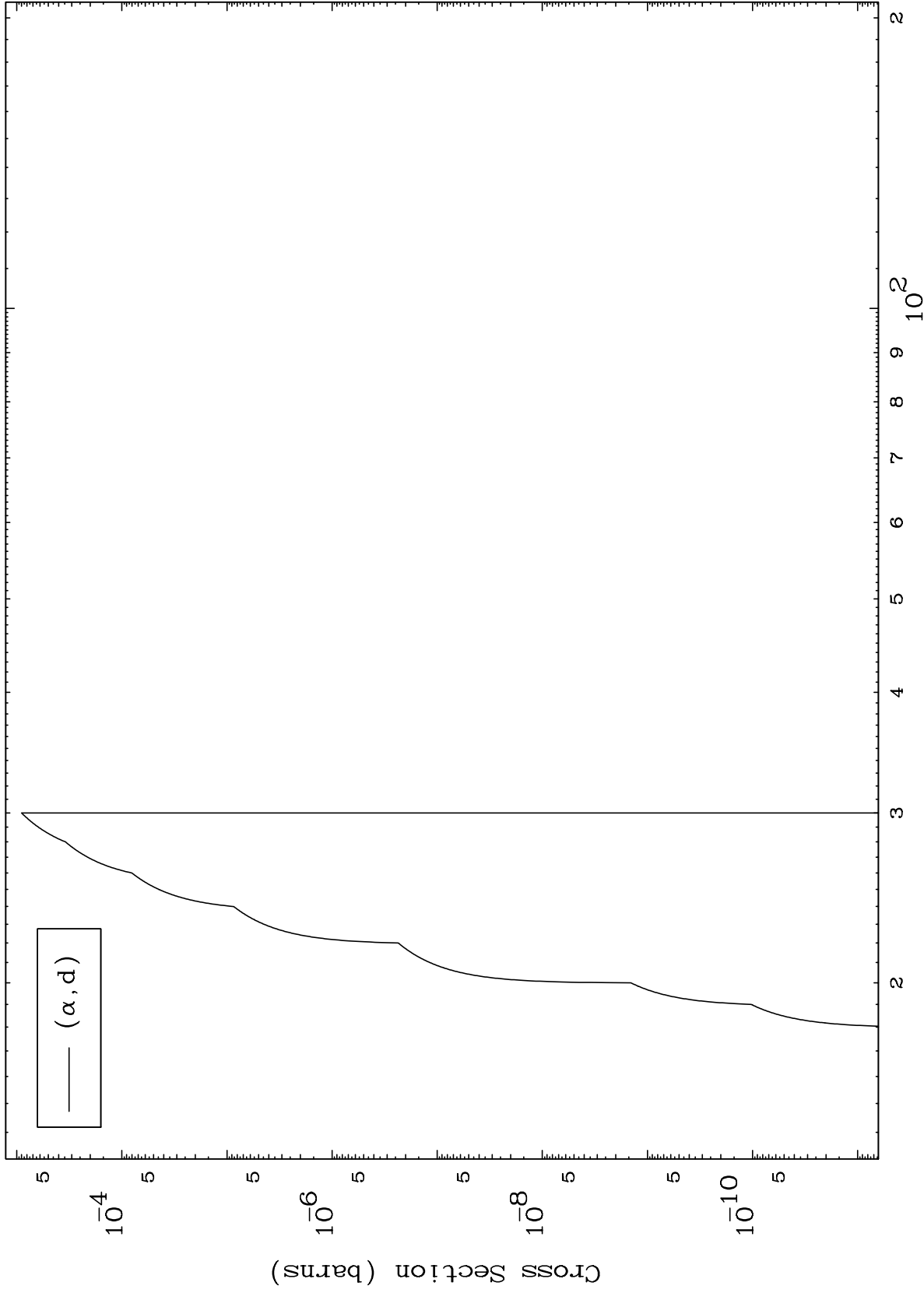
71-Lu-169

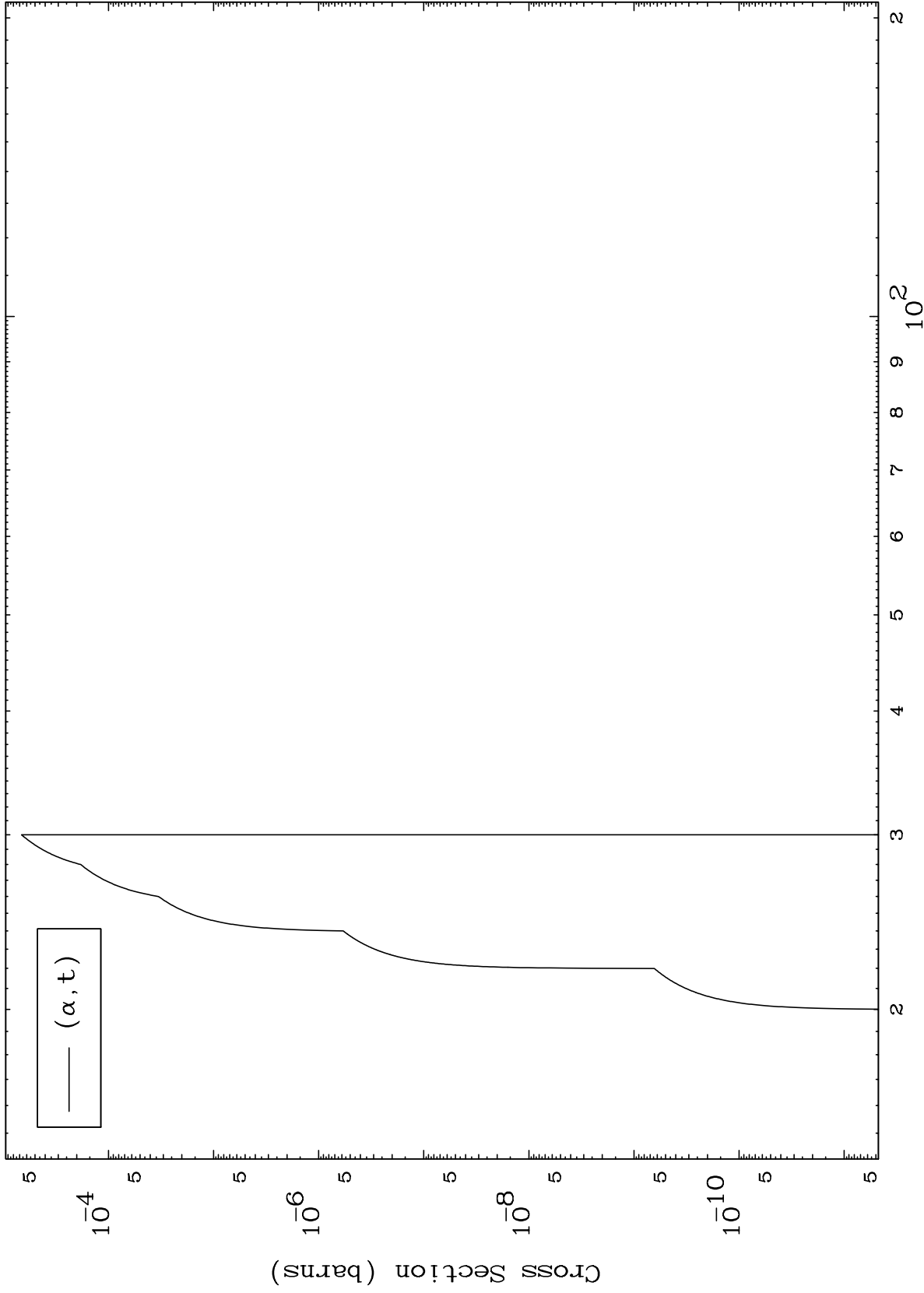


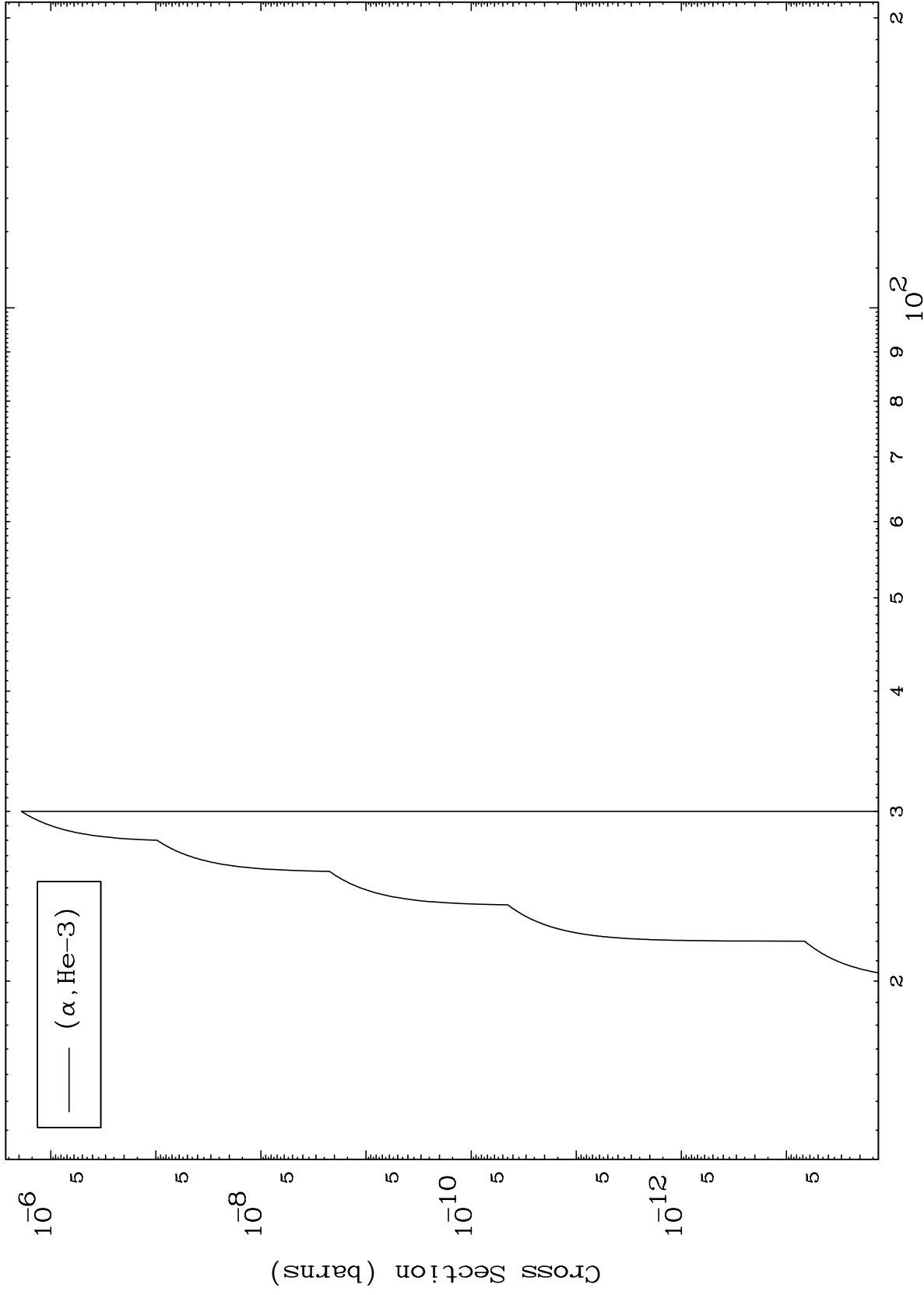
6

Incident Energy (MeV)

71-Lu-169





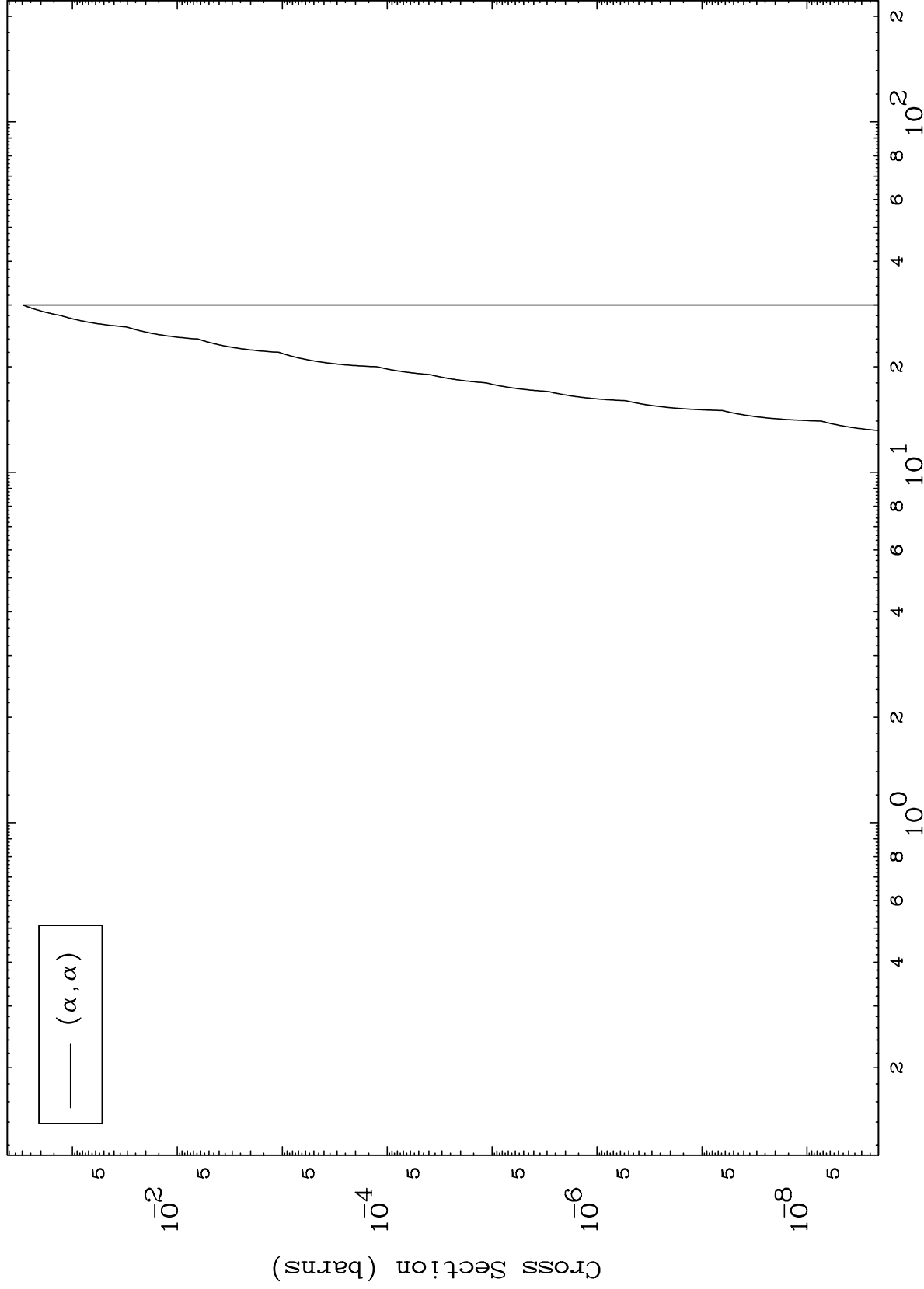


MAT 7108

(α, α) Levels

71-Lu-169

0 Kelvin Cross Sections



10

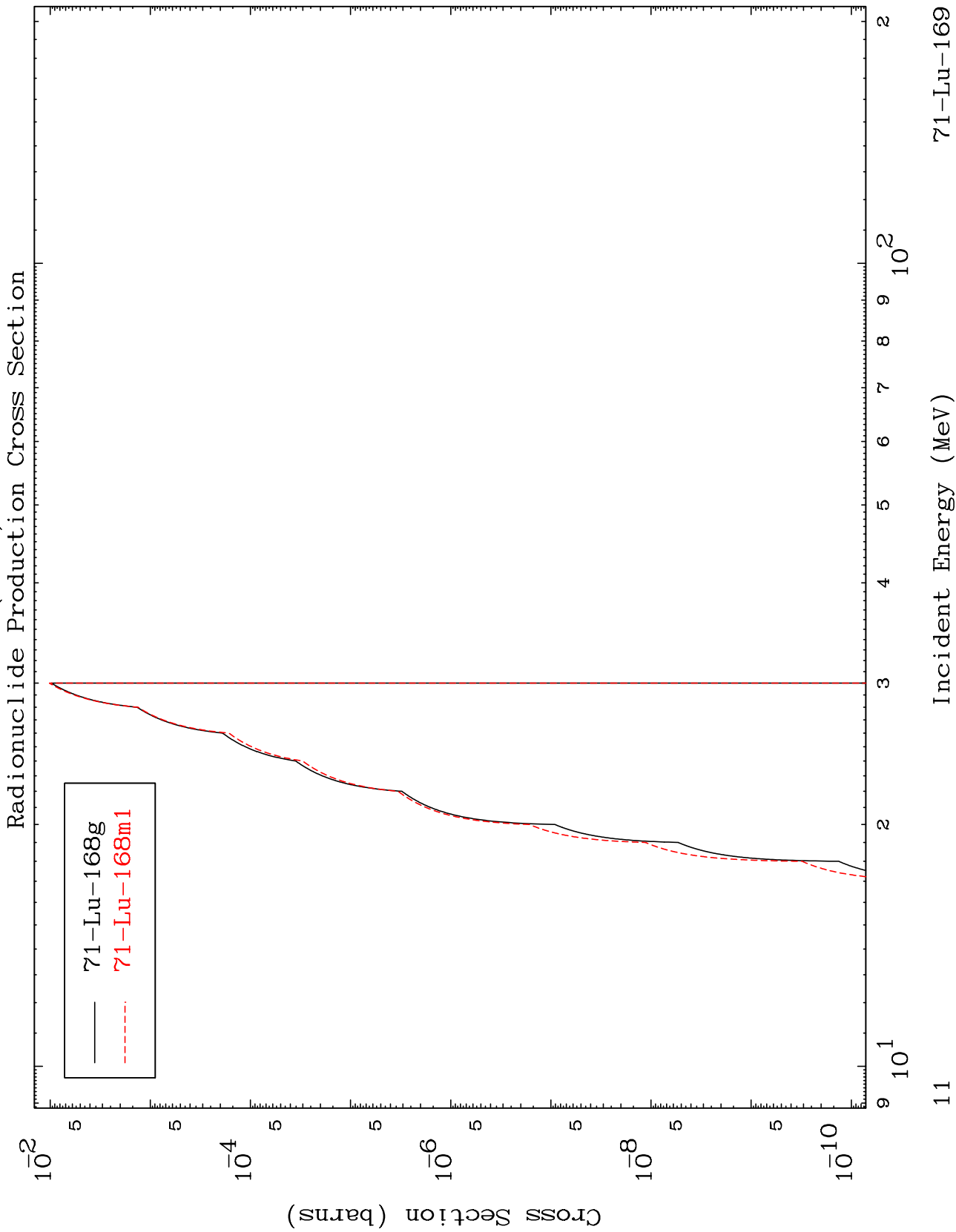
Incident Energy (MeV)

71-Lu-169

MAT 7108

(α, n') α

$^{71}\text{Lu-169}$



11

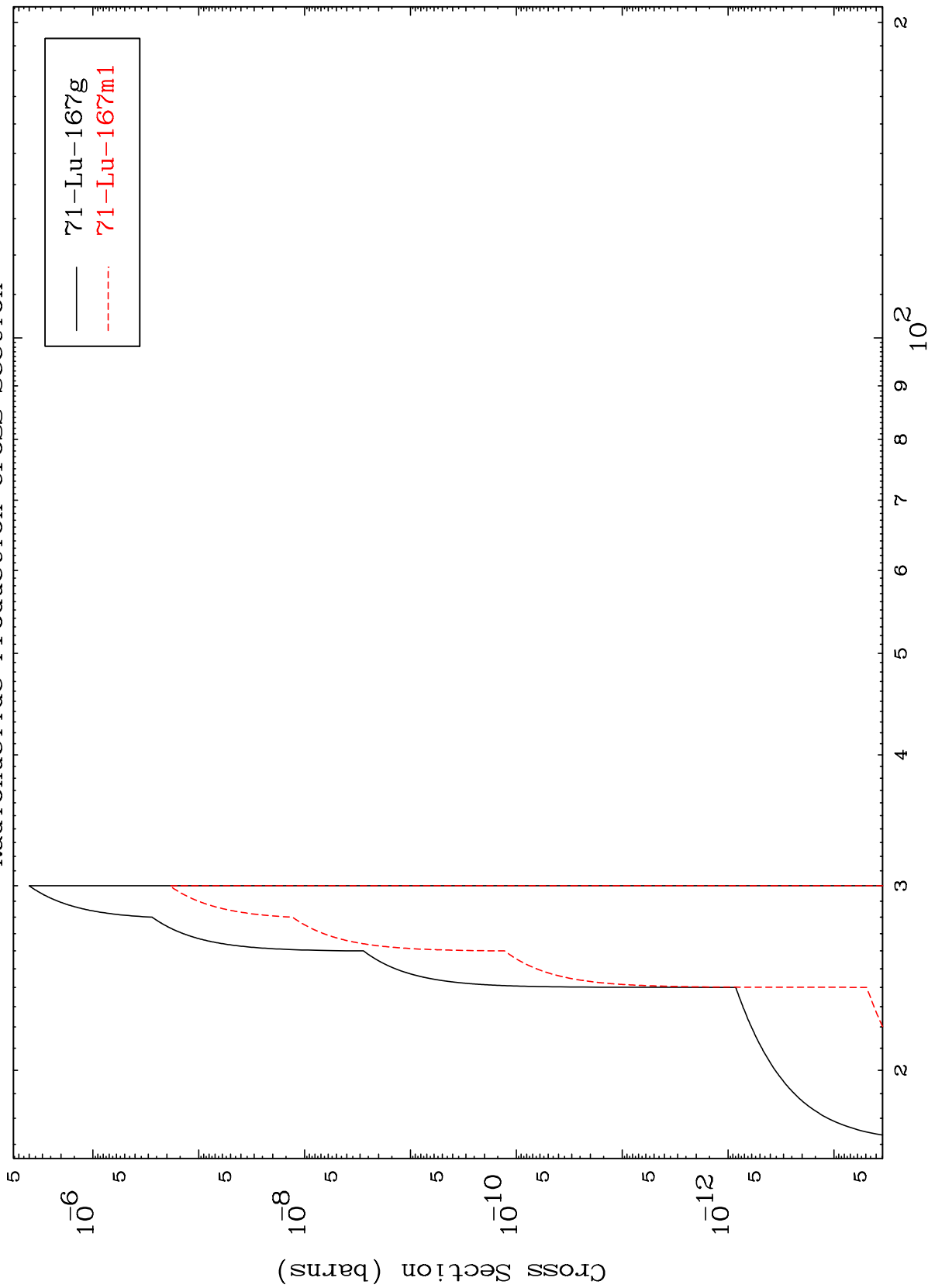
$^{71}\text{Lu-169}$

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$(\alpha, 2n) \alpha$

71-Lu-169

Radionuclide Production Cross Section



12

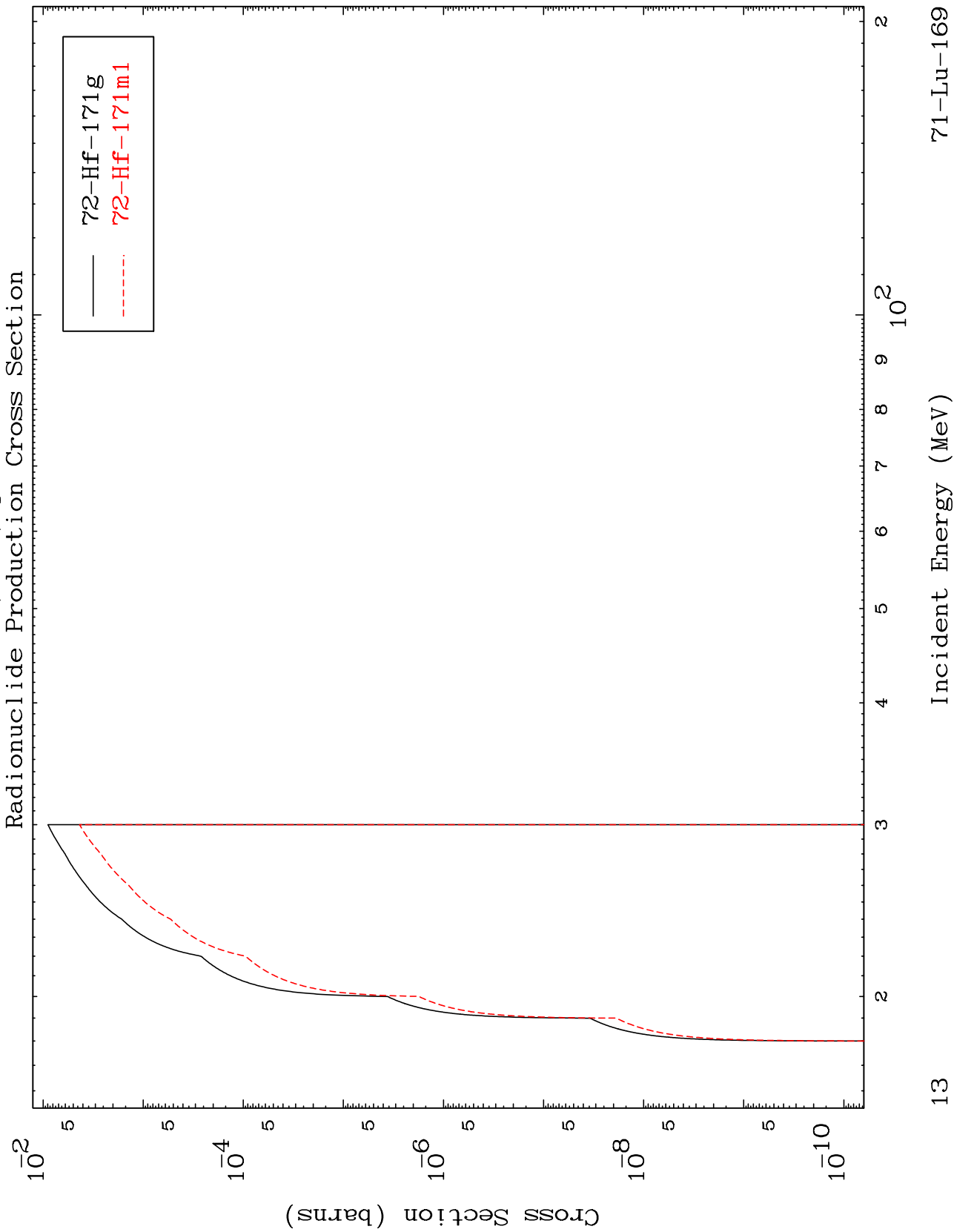
Incident Energy (MeV)

71-Lu-169

MAT 7108

(α, n') p

71-Lu-169



13

Incident Energy (MeV)

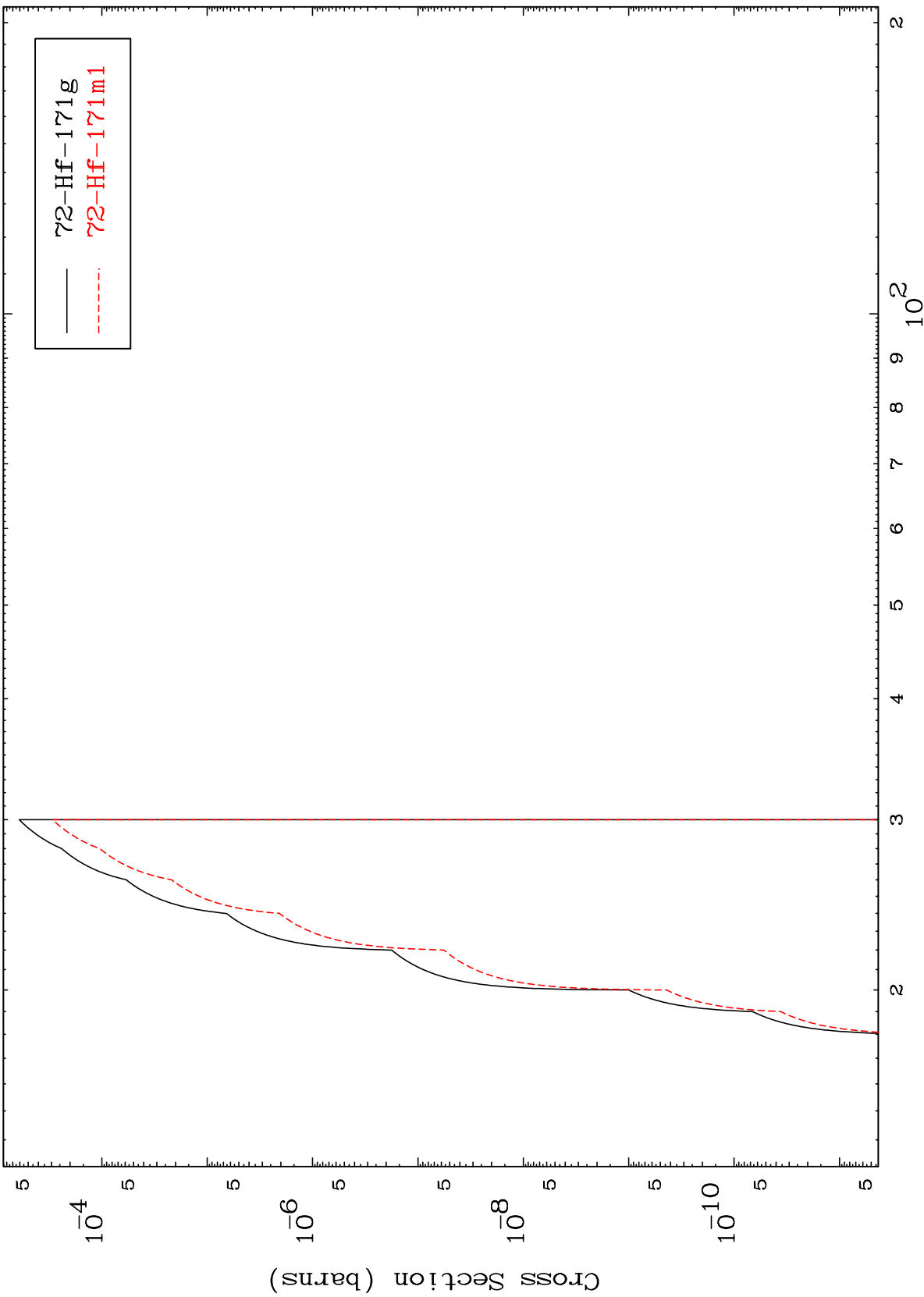
71-Lu-169

MAT 7108

(α, d)

71-Lu-169

Radionuclide Production Cross Section



14

Incident Energy (MeV)

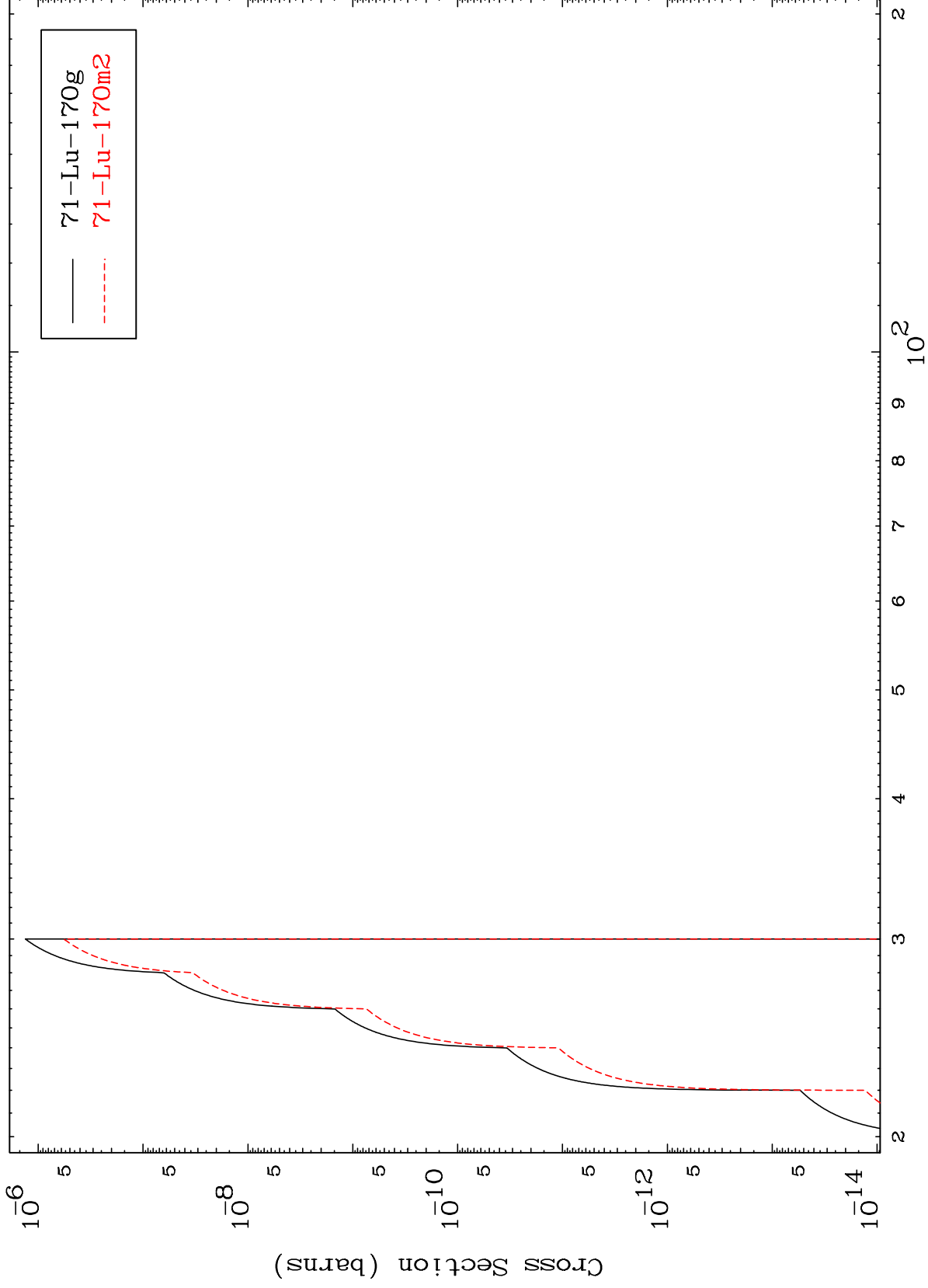
71-Lu-169

MAT 7108

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

$^{71}\text{Lu-169}$

Radionuclide Production Cross Section



15

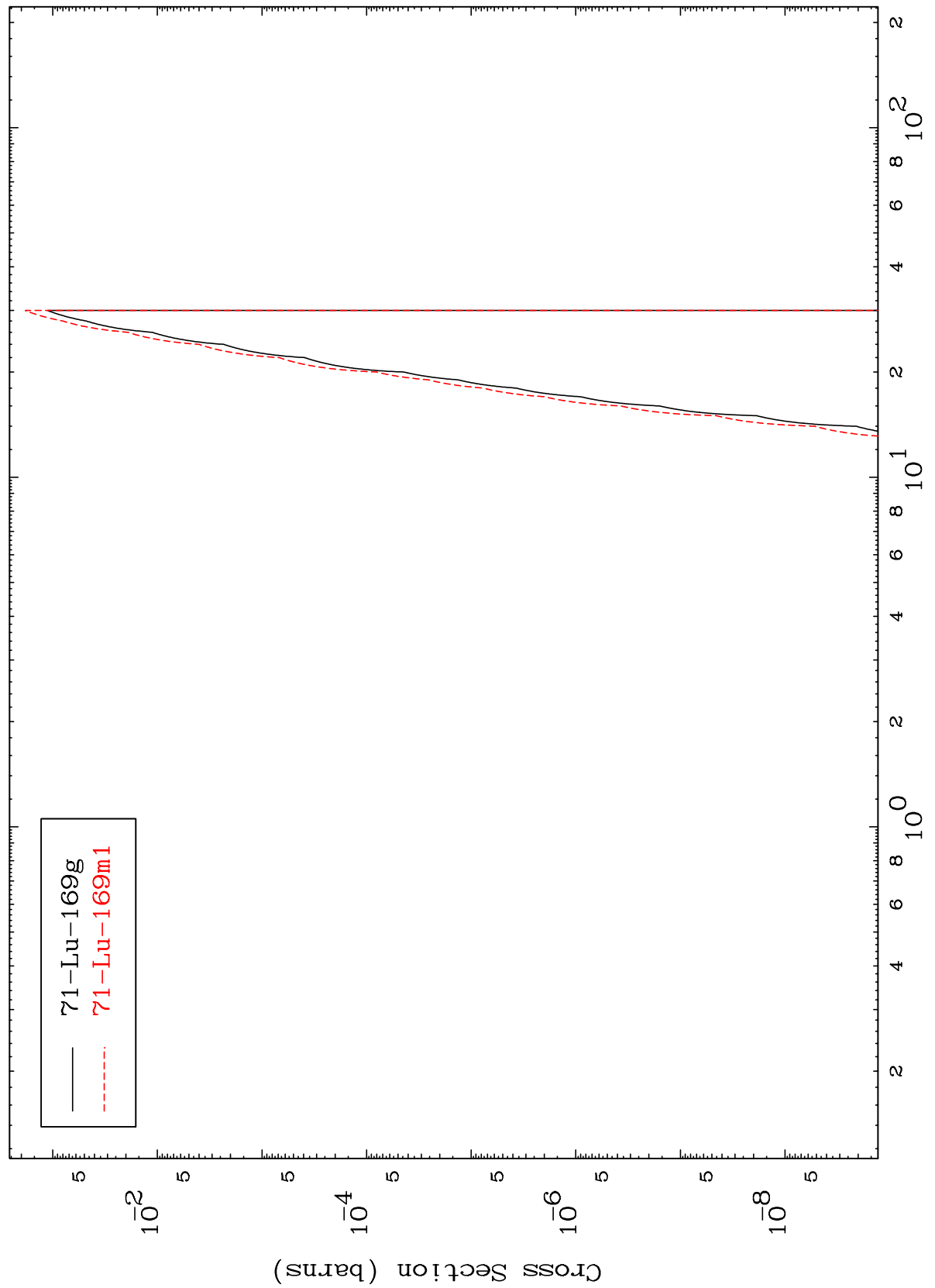
Incident Energy (MeV)

$^{71}\text{Lu-169}$

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⁷¹Lu-169

(α, α)
Radionuclide Production Cross Section

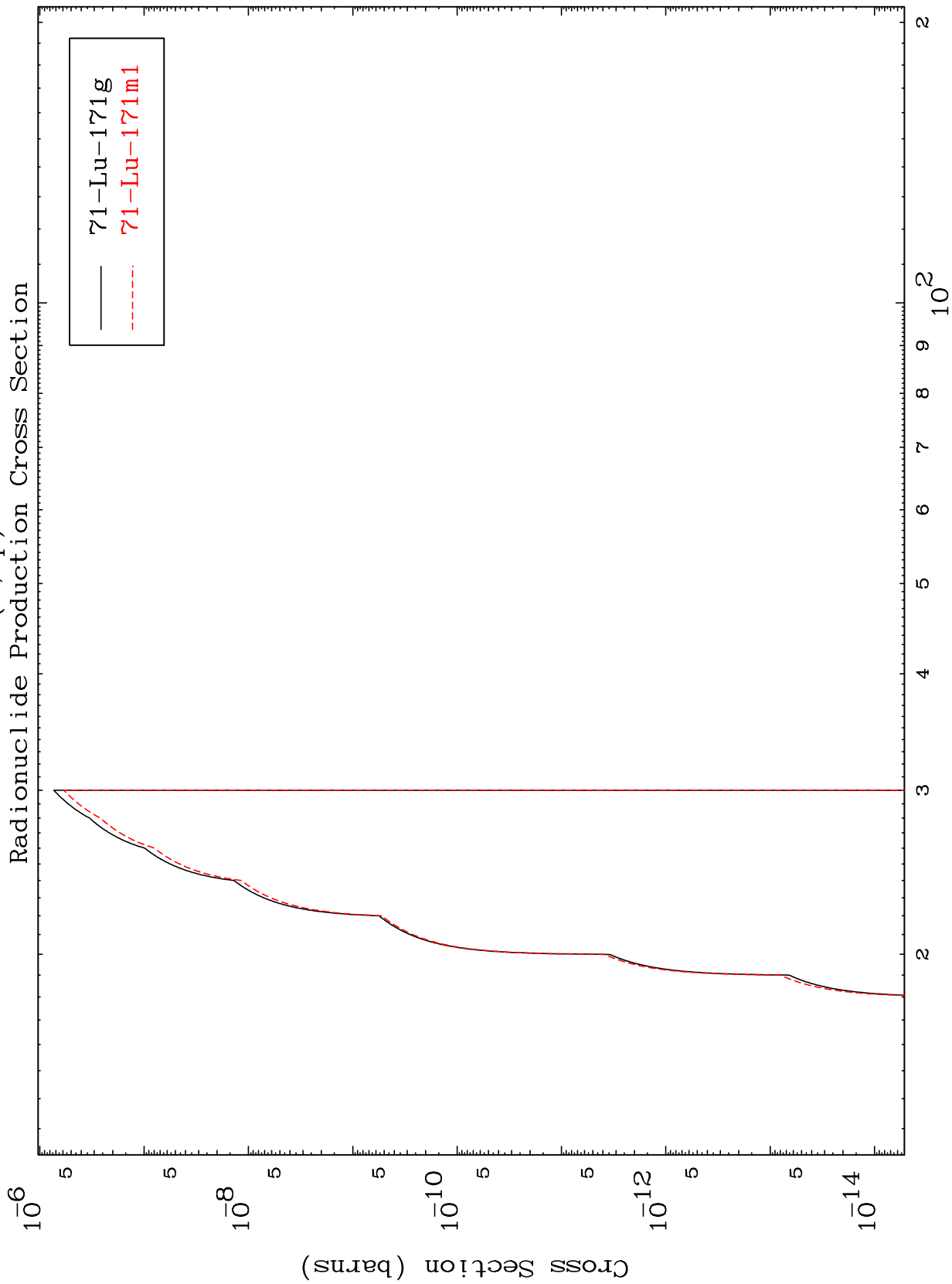


— ⁷¹Lu-169g
- - - ⁷¹Lu-169m1

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71-Lu-169

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



17

Incident Energy (MeV)

71-Lu-169