

Program EVALPLOT
(Version 2018-1)

by

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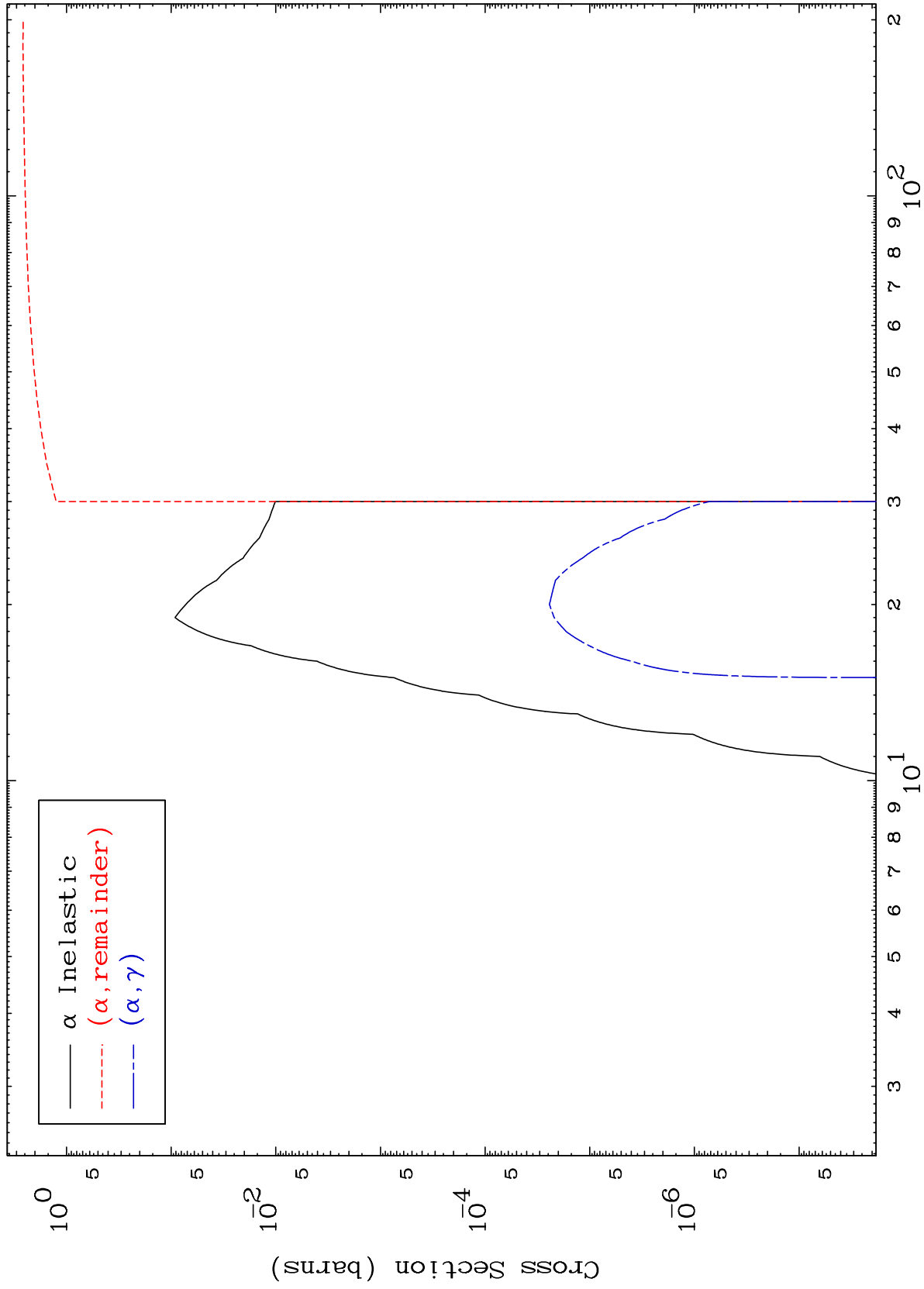
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7123

0 Kelvin α Major
Cross Sections

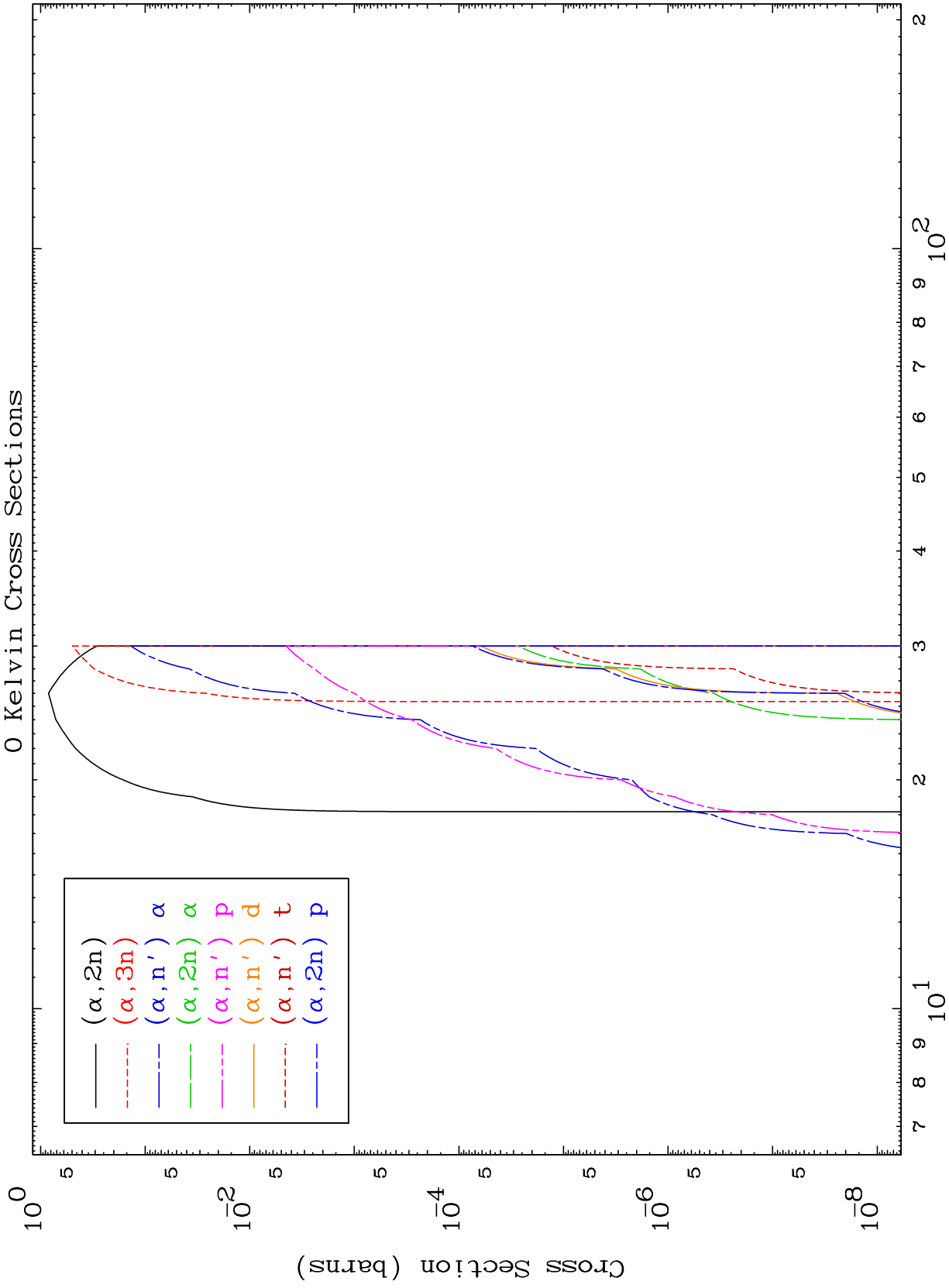
71-Lu-174



MAT 7123

α Neutron Production
0 Kelvin Cross Sections

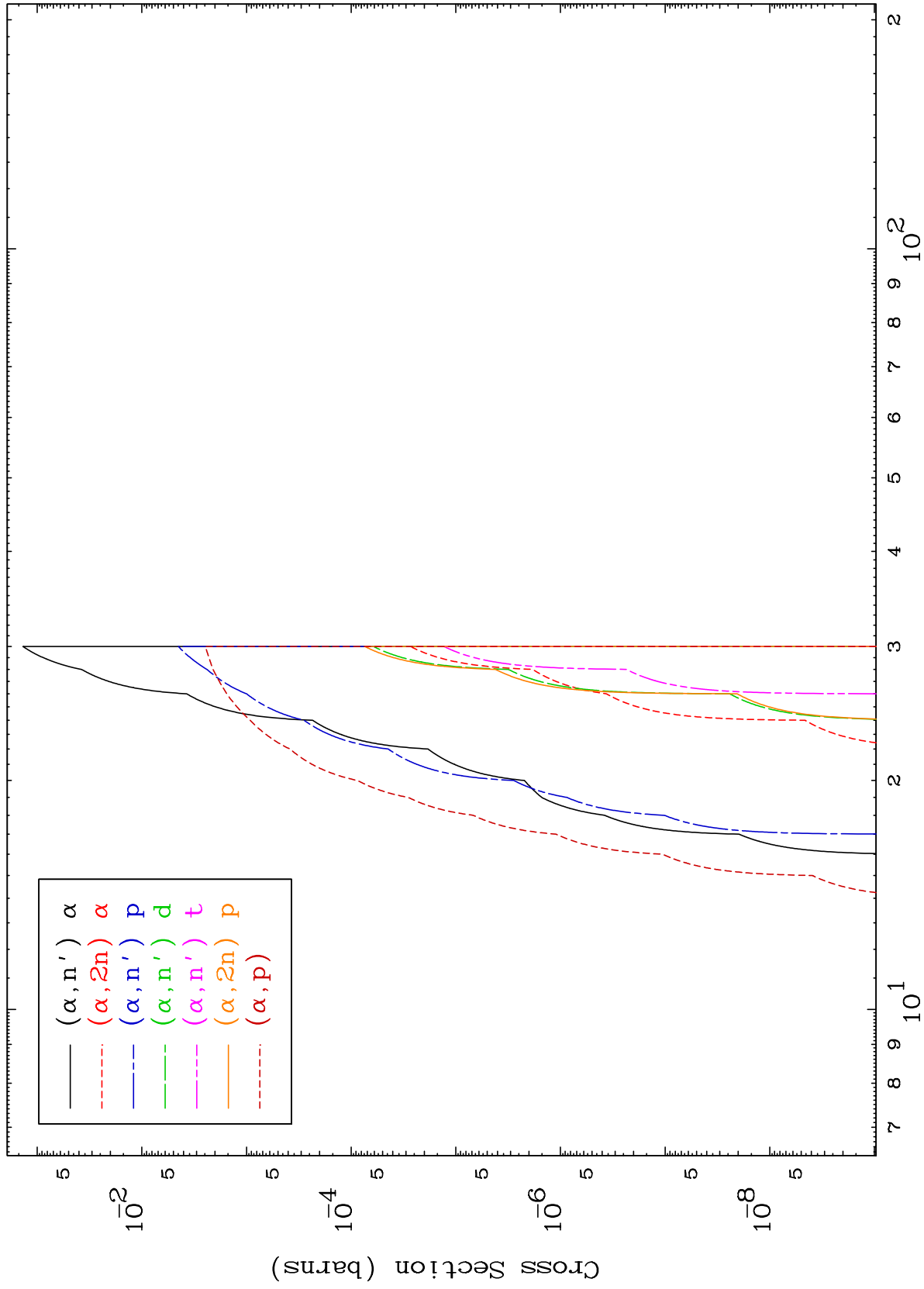
71-Lu-174



2

Incident Energy (MeV)

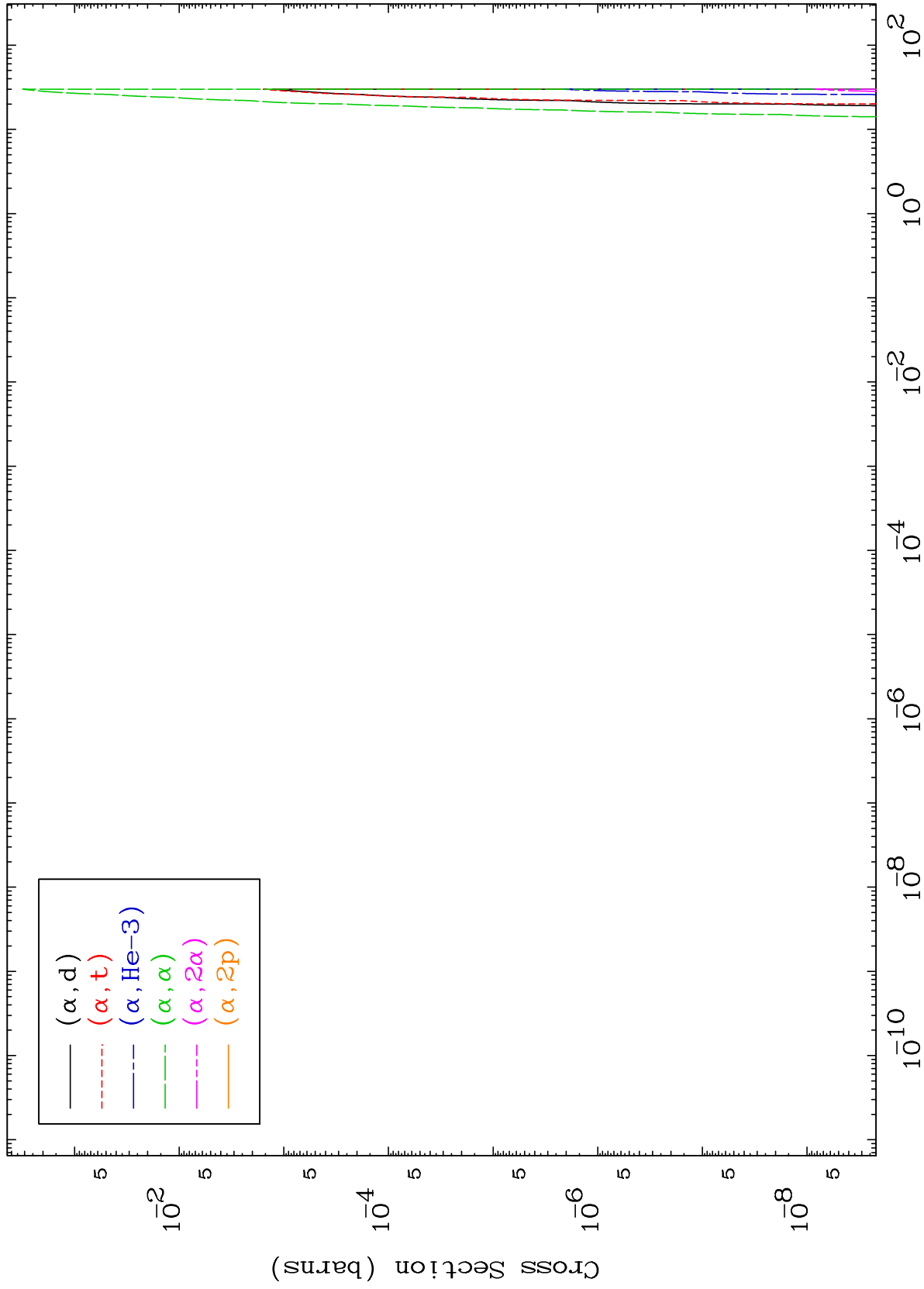
71-Lu-174



MAT 7123

α Charged Particle
0 Kelvin Cross Sections

71-Lu-174

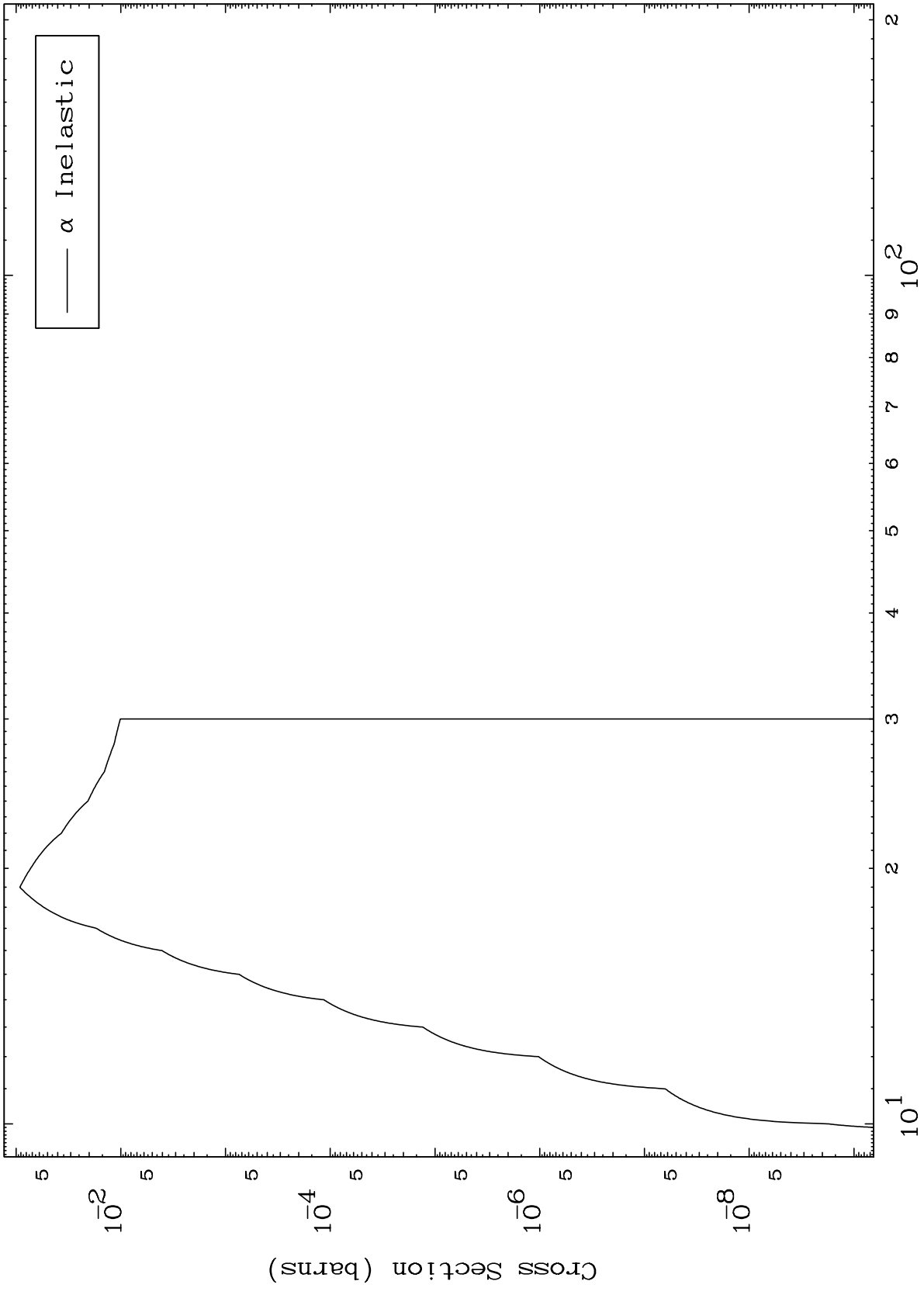


71-Lu-174

MAT 7123

(α, n') Level
0 Kelvin Cross Sections

71-Lu-174



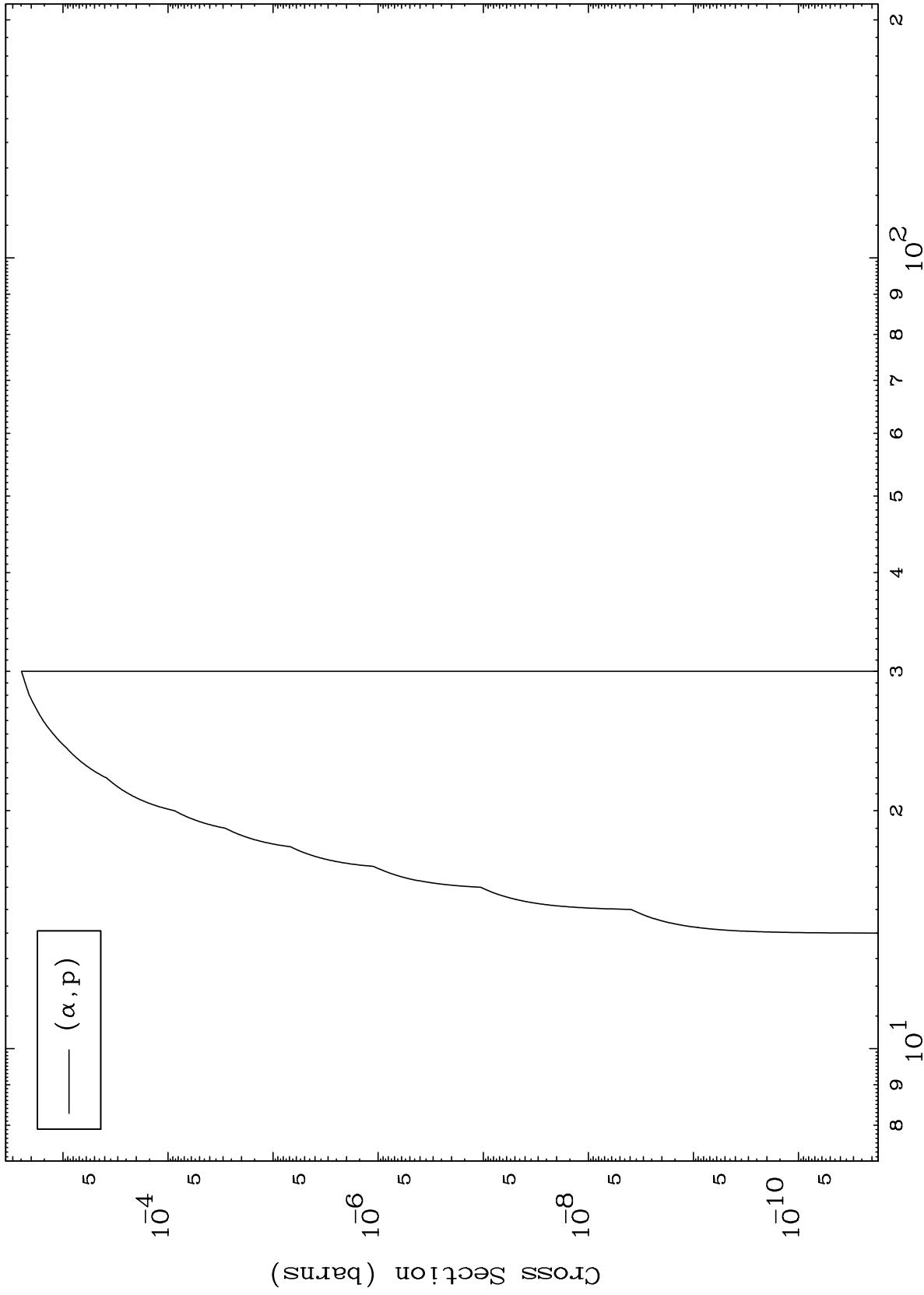
71-Lu-174

Incident Energy (MeV)

MAT 7123

(α, p) Levels
0 Kelvin Cross Sections

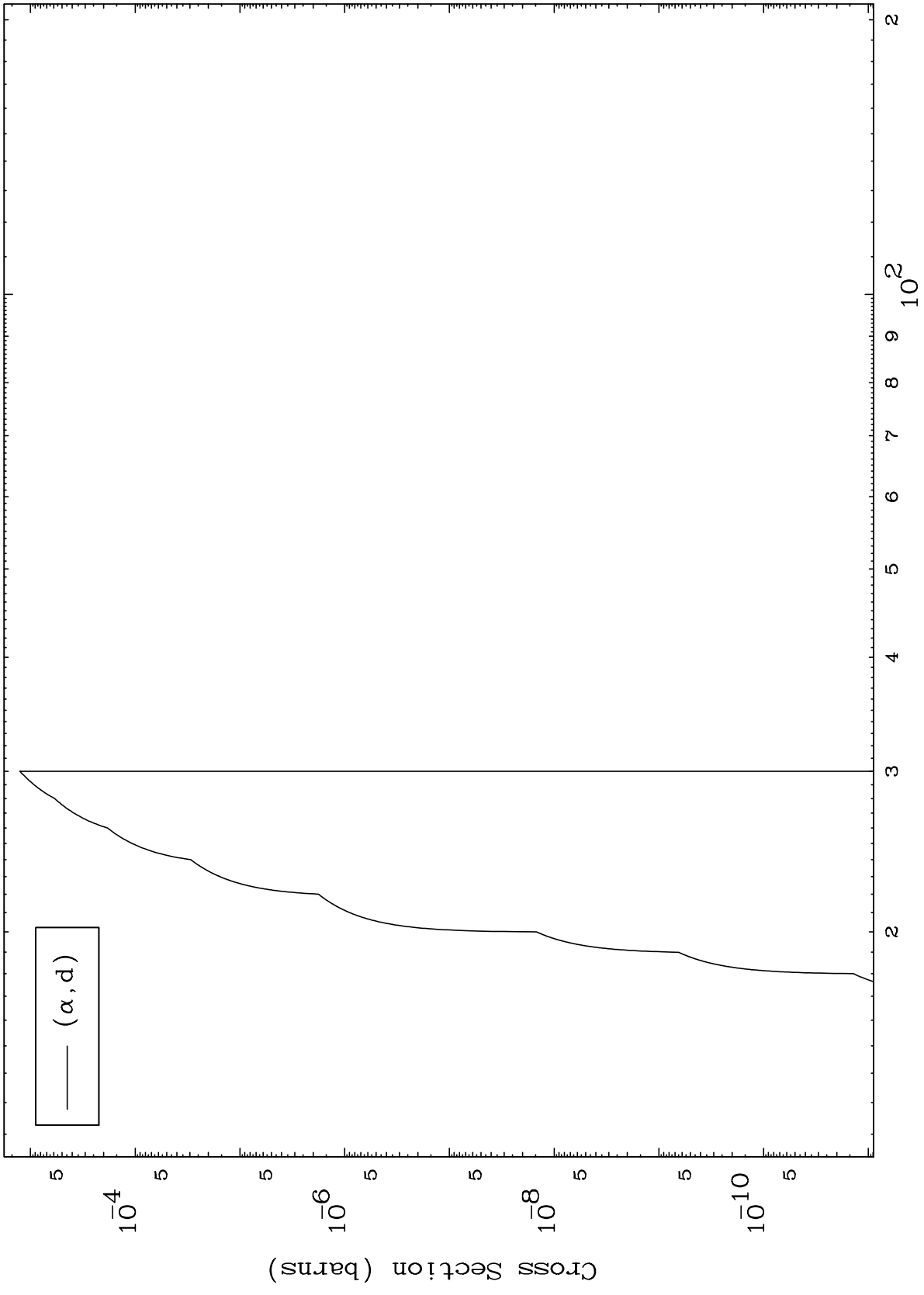
71-Lu-174



6

Incident Energy (MeV)

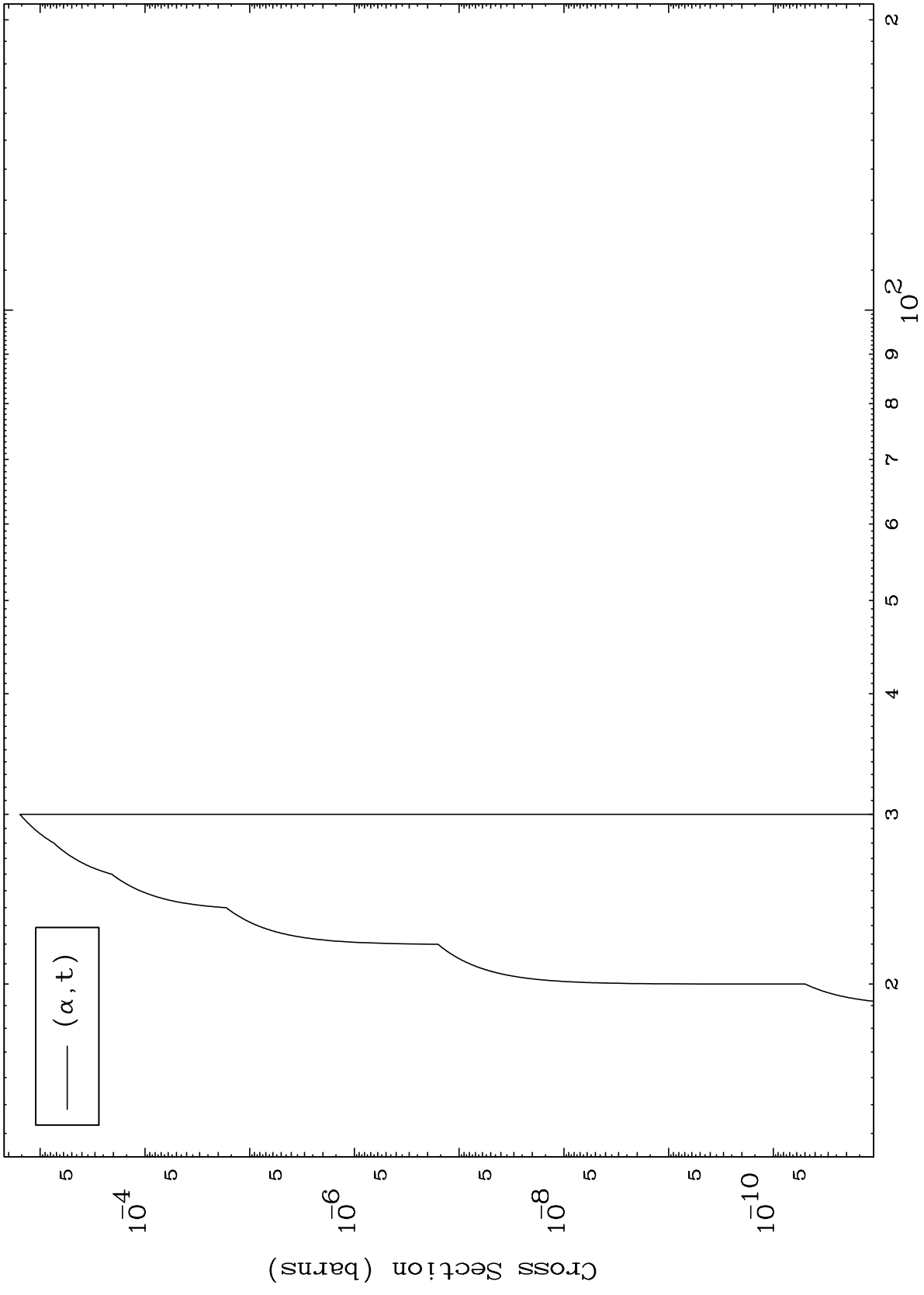
71-Lu-174



MAT 7123

(α, t) Levels
0 Kelvin Cross Sections

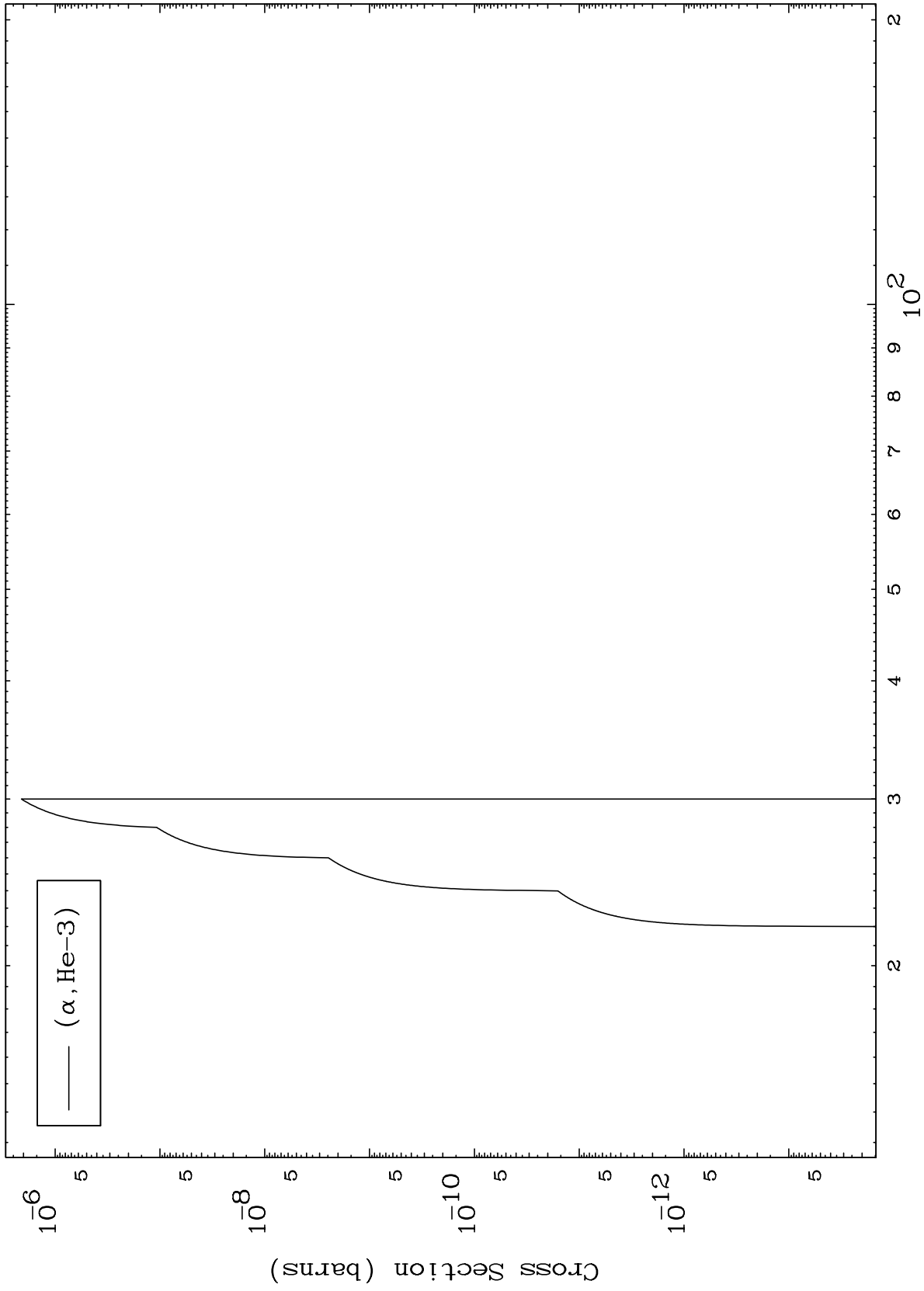
71-Lu-174



8

Incident Energy (MeV)

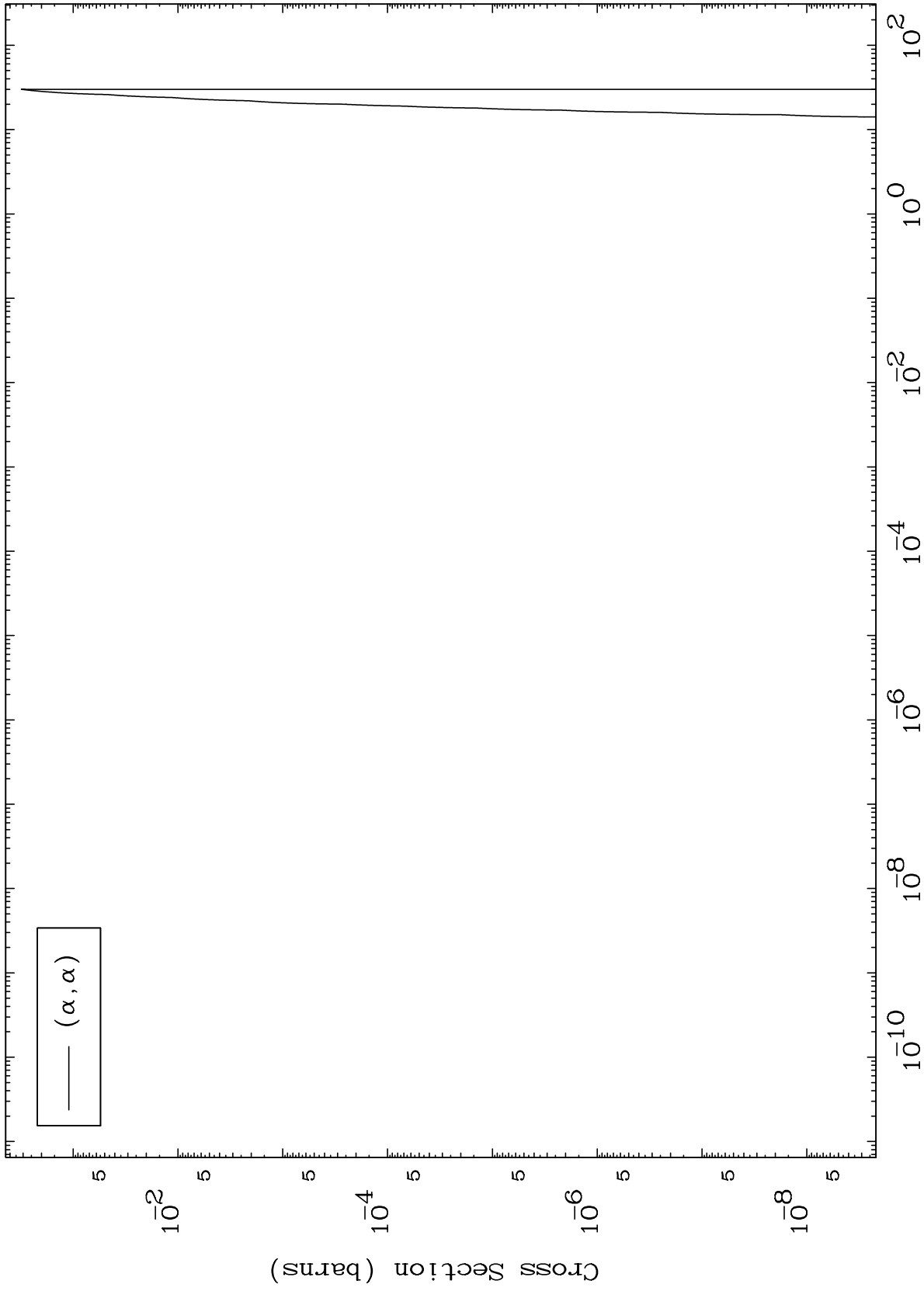
71-Lu-174



MAT 7123

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-174



10

Incident Energy (MeV)

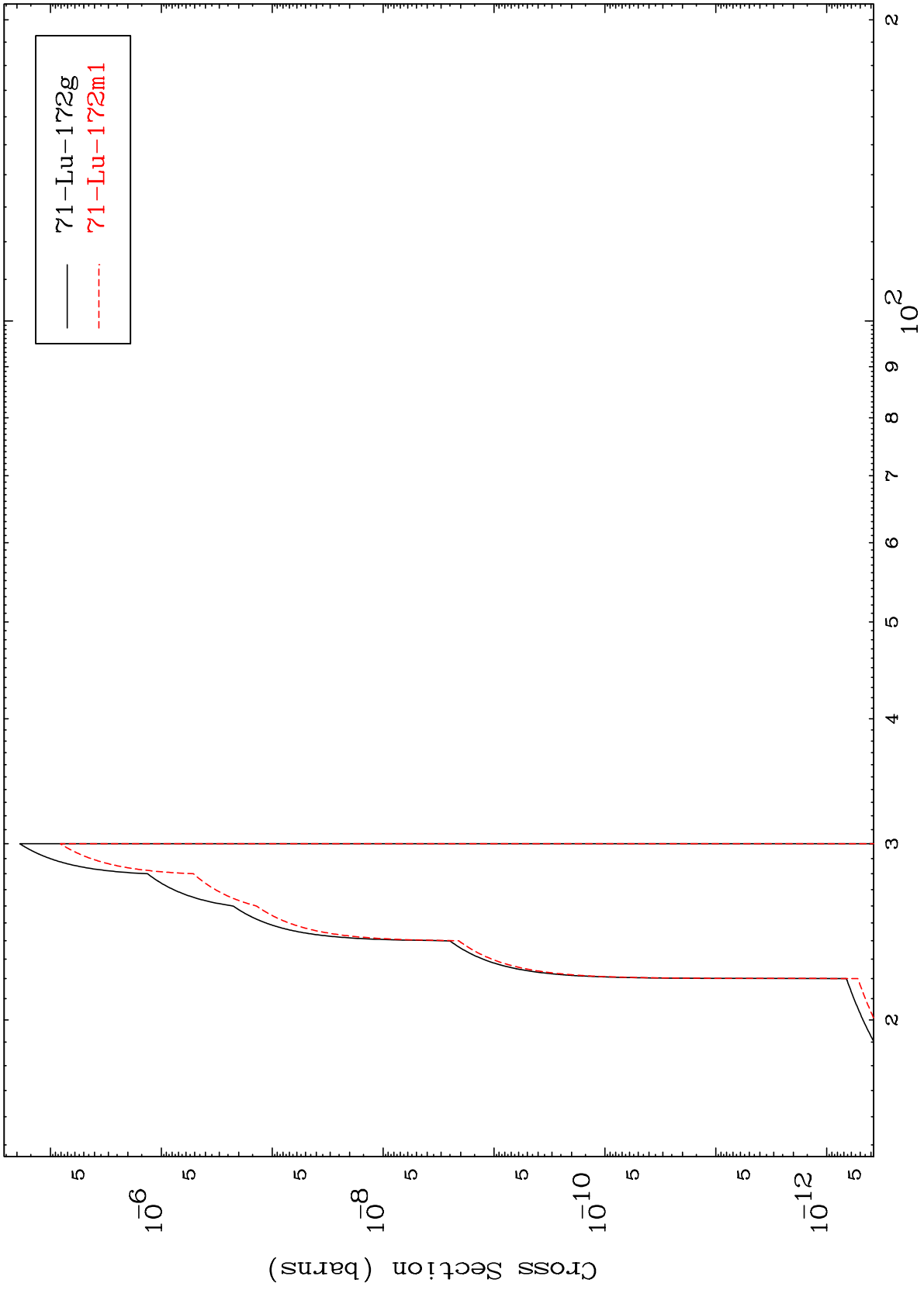
71-Lu-174

MAT 7123

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-174}$

Radionuclide Production Cross Section



11

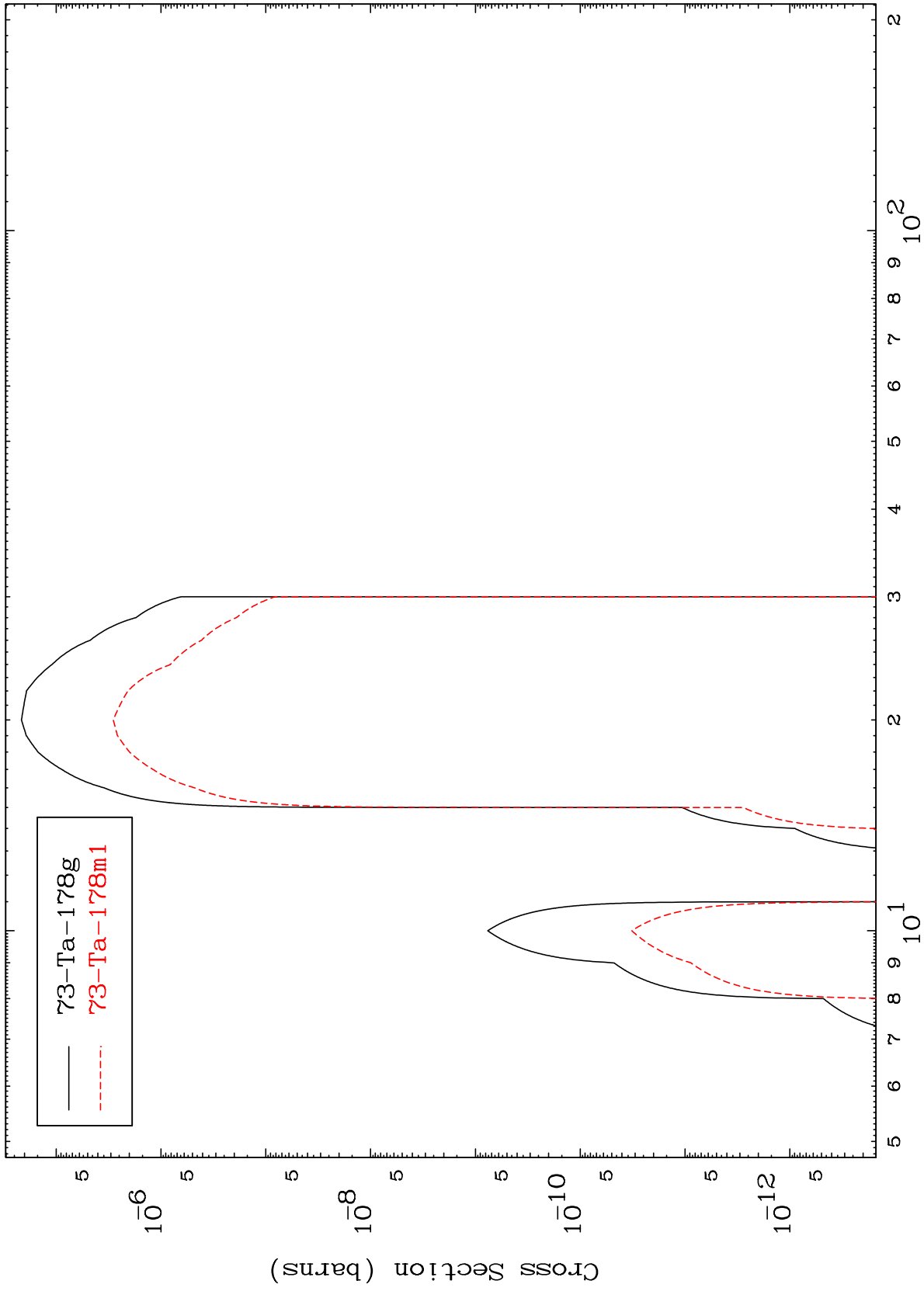
Incident Energy (MeV)

$^{71}\text{Lu-174}$

MAT 7123

71-Lu-174

(α, γ)
Radionuclide Production Cross Section



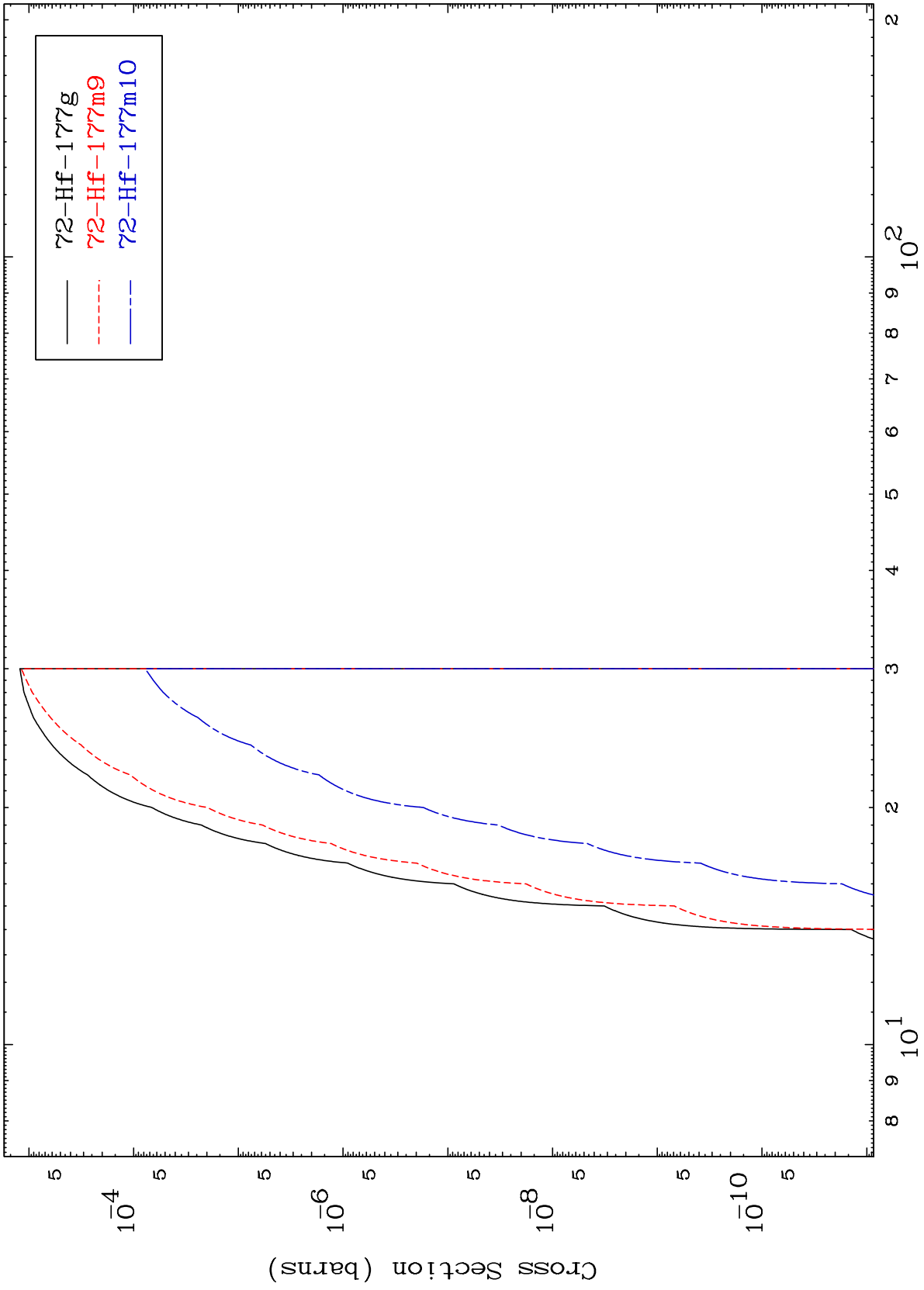
12

71-Lu-174

MAT 7123

71-Lu-174

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

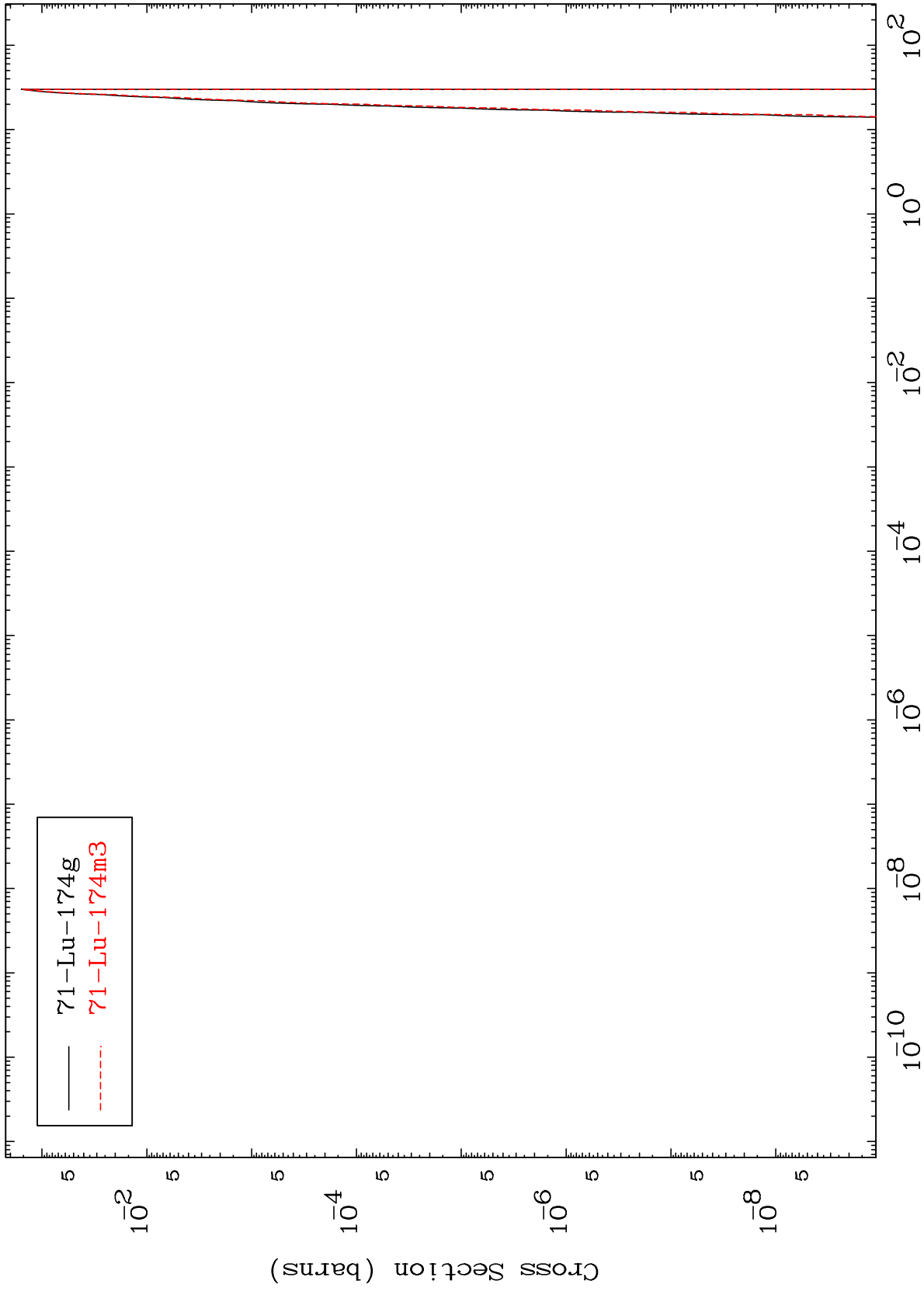
71-Lu-174

MAT 7123

(α, α)

⁷¹Lu-174

Radionuclide Production Cross Section



14

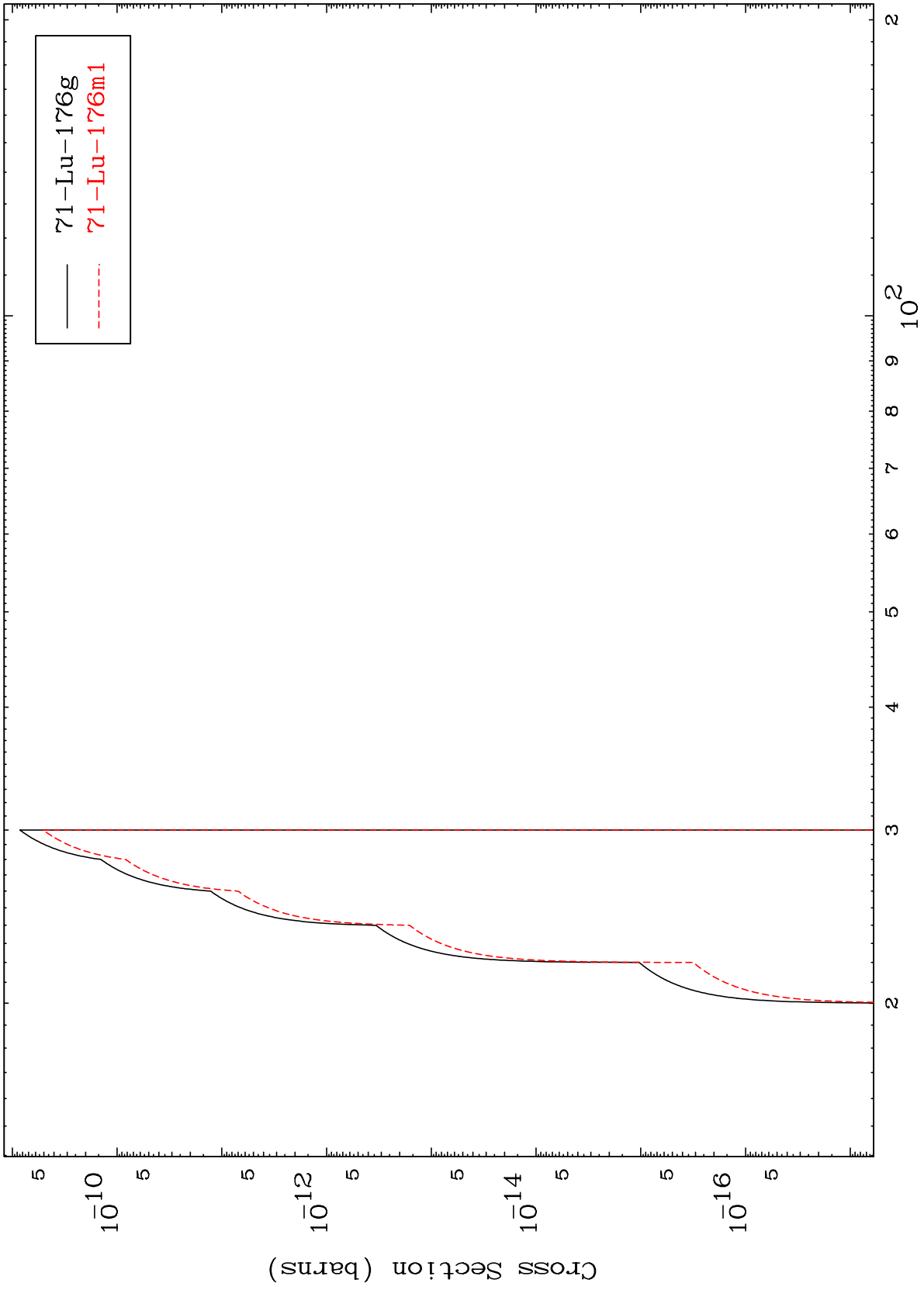
Incident Energy (MeV)

⁷¹Lu-174

MAT 7123

71-Lu-174

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



15

71-Lu-174