

Program EVALPLOT
(Version 2018-1)

by

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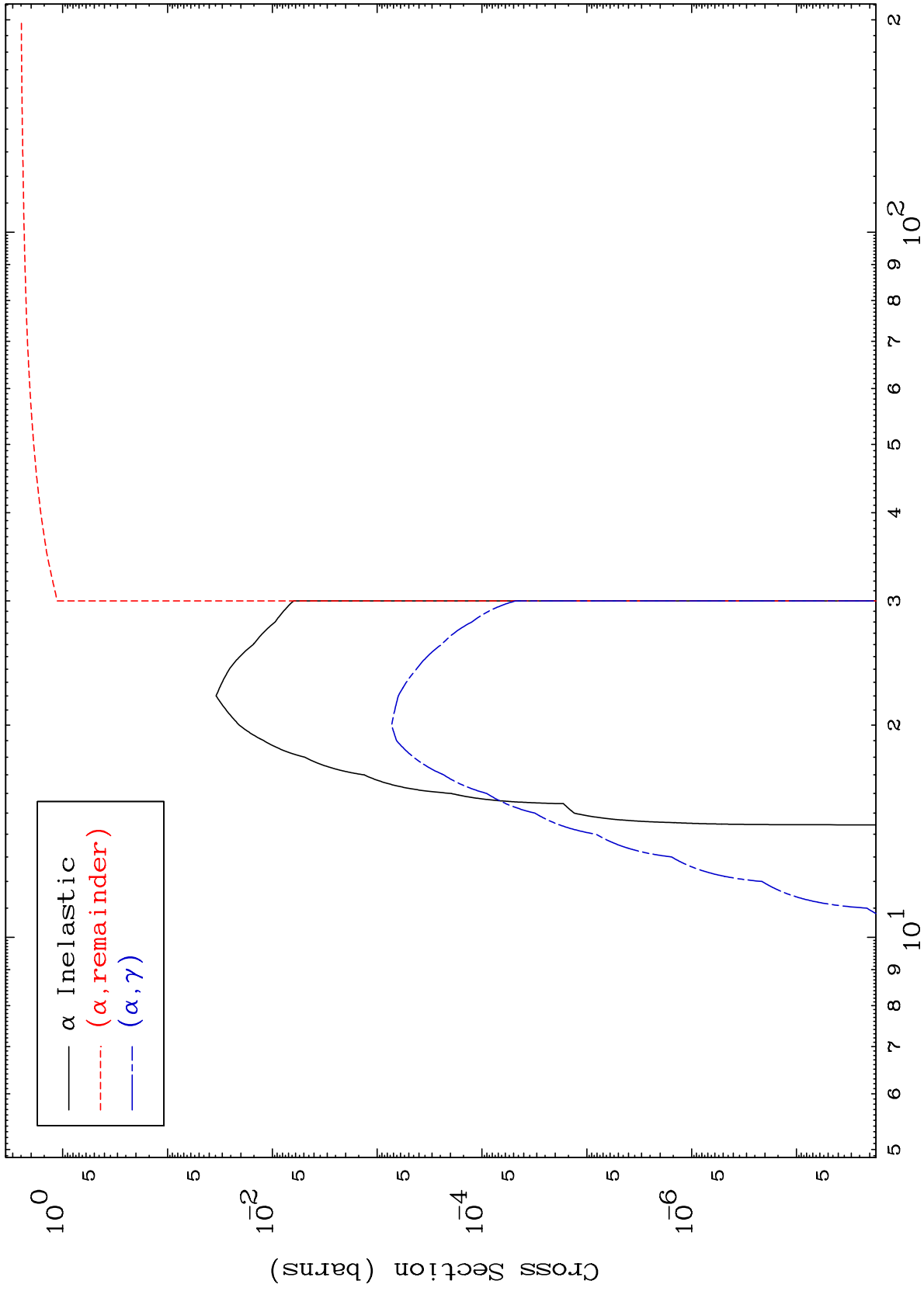
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7074

0 Kelvin α Major
Cross Sections

71-Lu-158



1

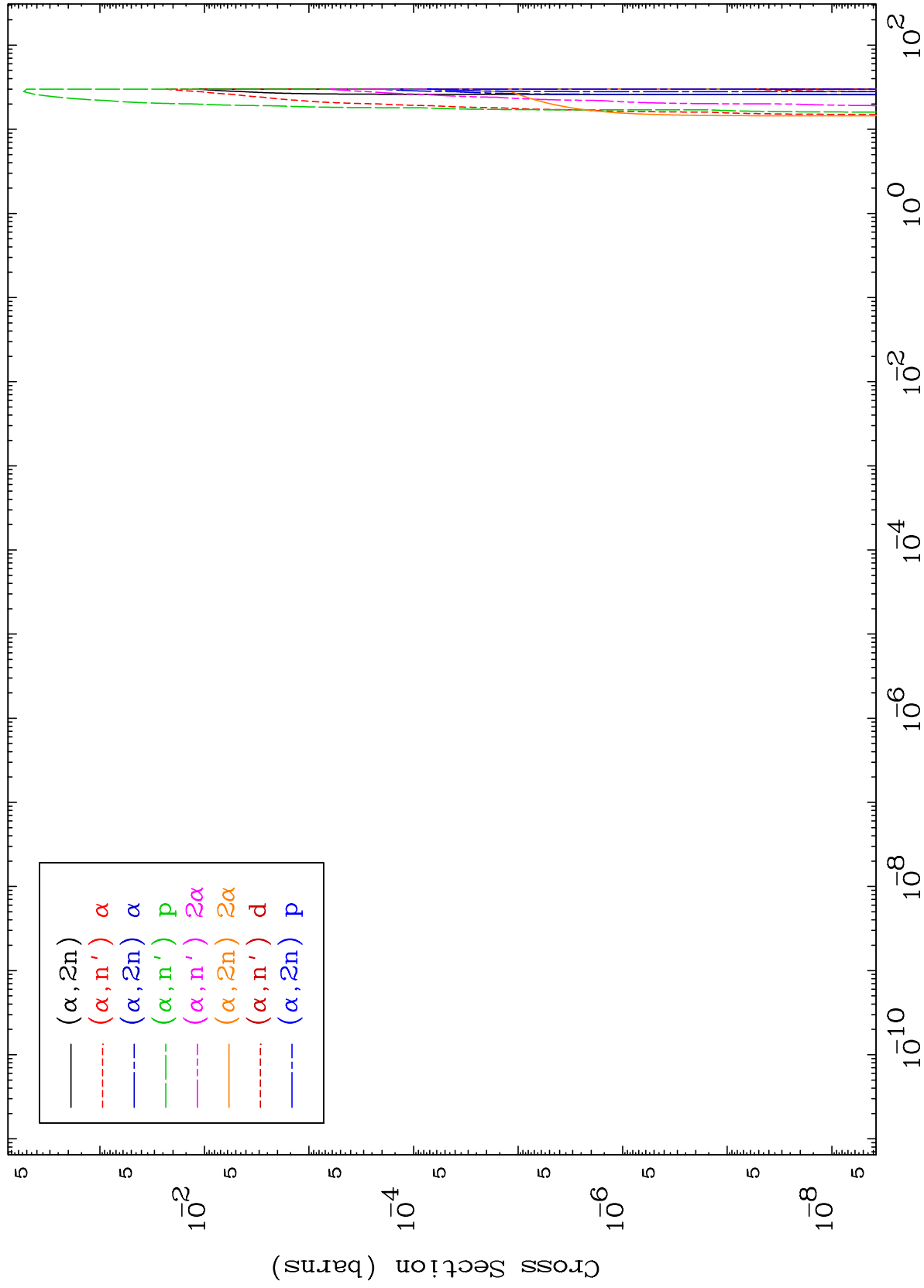
Incident Energy (MeV)

71-Lu-158

MAT 7074

α Neutron Production
0 Kelvin Cross Sections

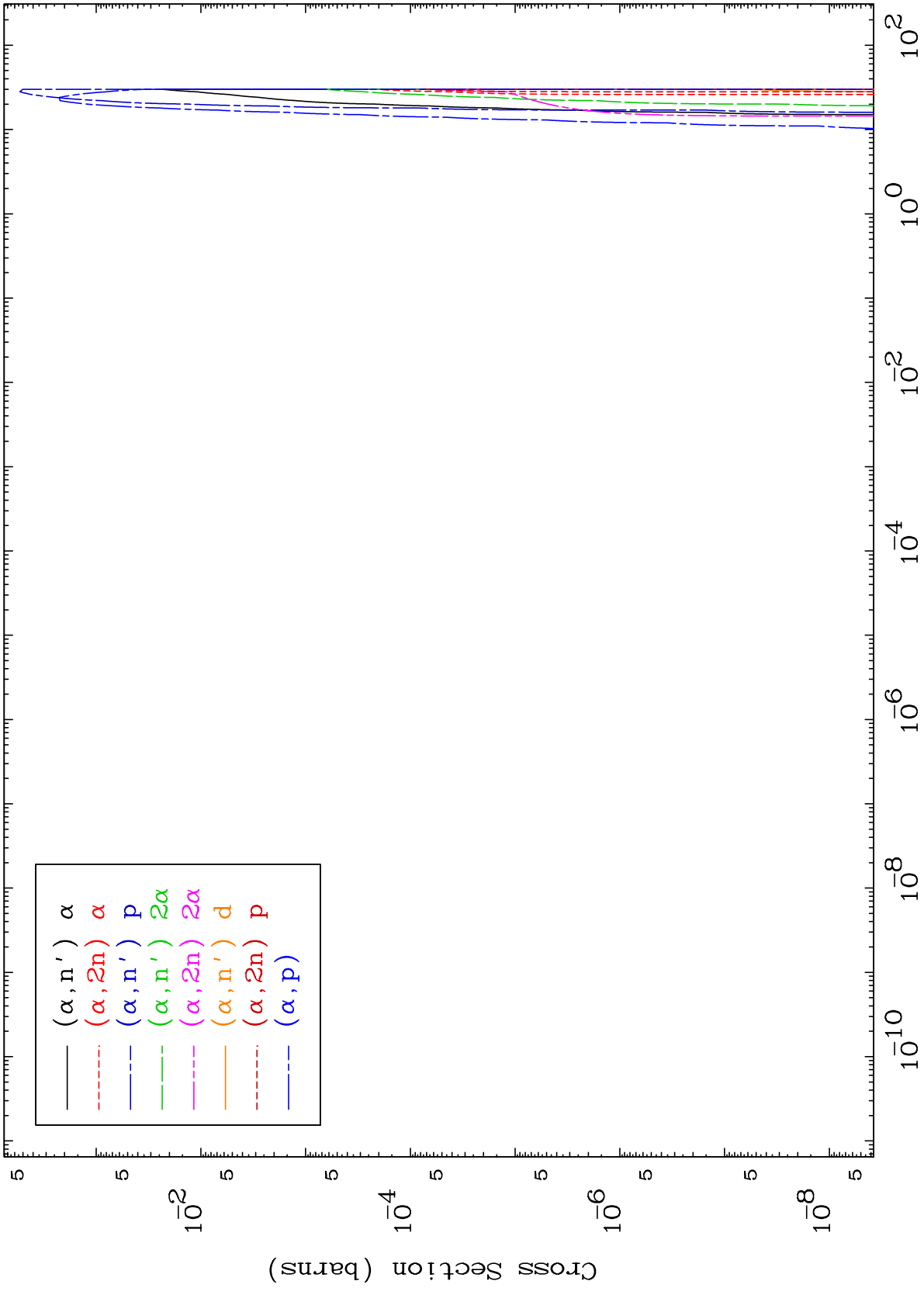
⁷¹Lu-158



2

Incident Energy (MeV)

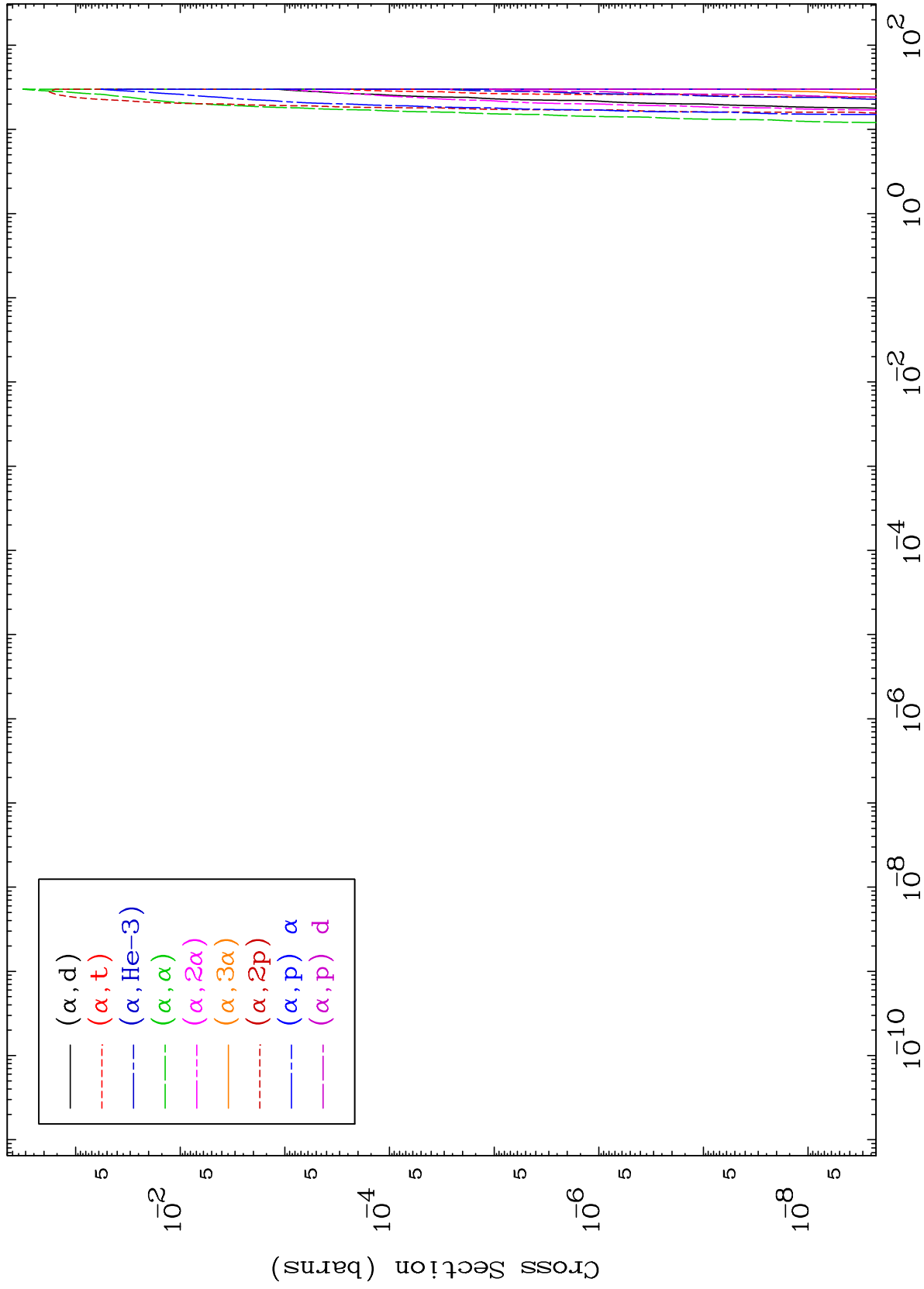
⁷¹Lu-158



MAT 7074

α Charged Particle
0 Kelvin Cross Sections

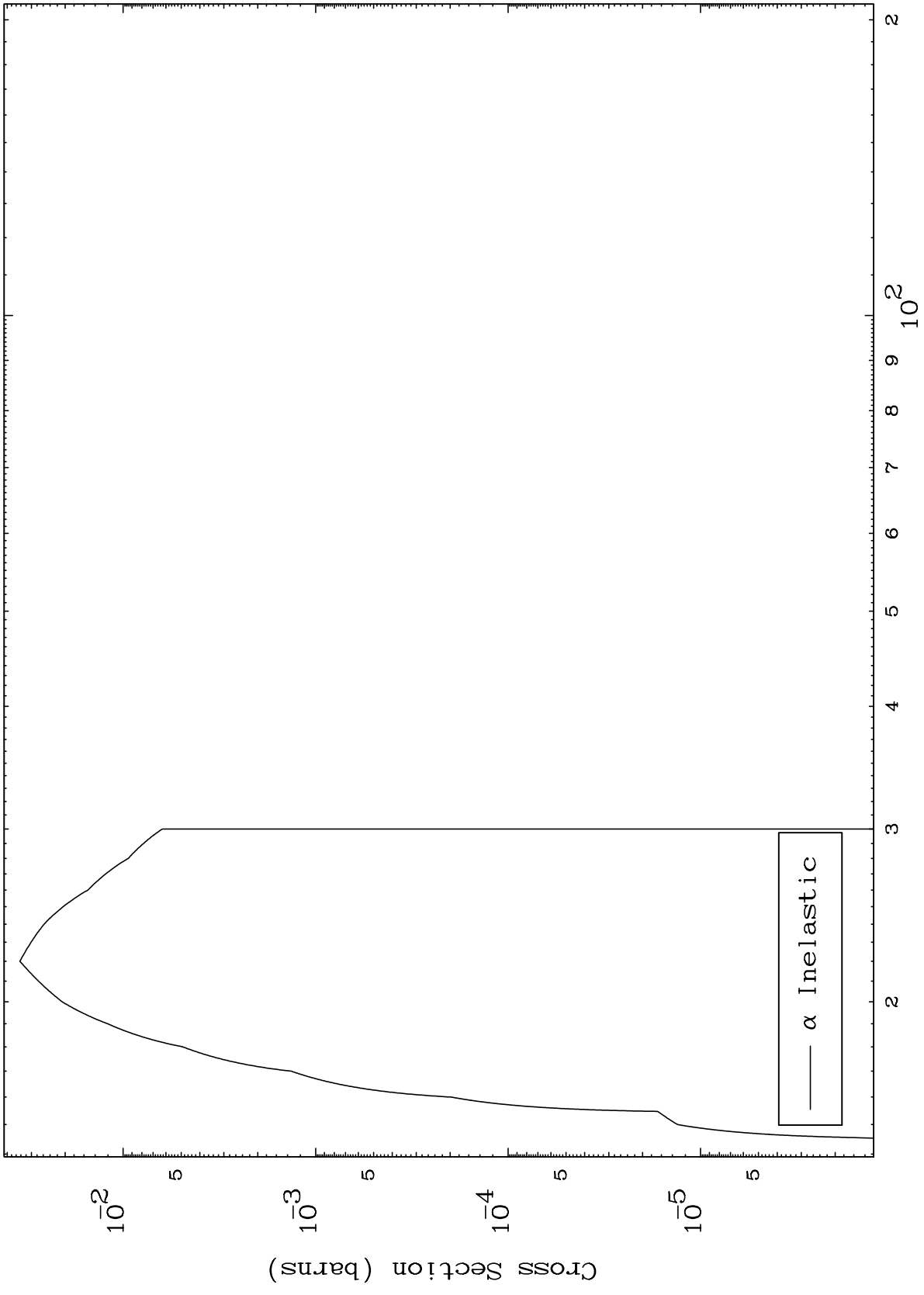
71-Lu-158



MAT 7074

(α, n') Level
0 Kelvin Cross Sections

71-Lu-158



5

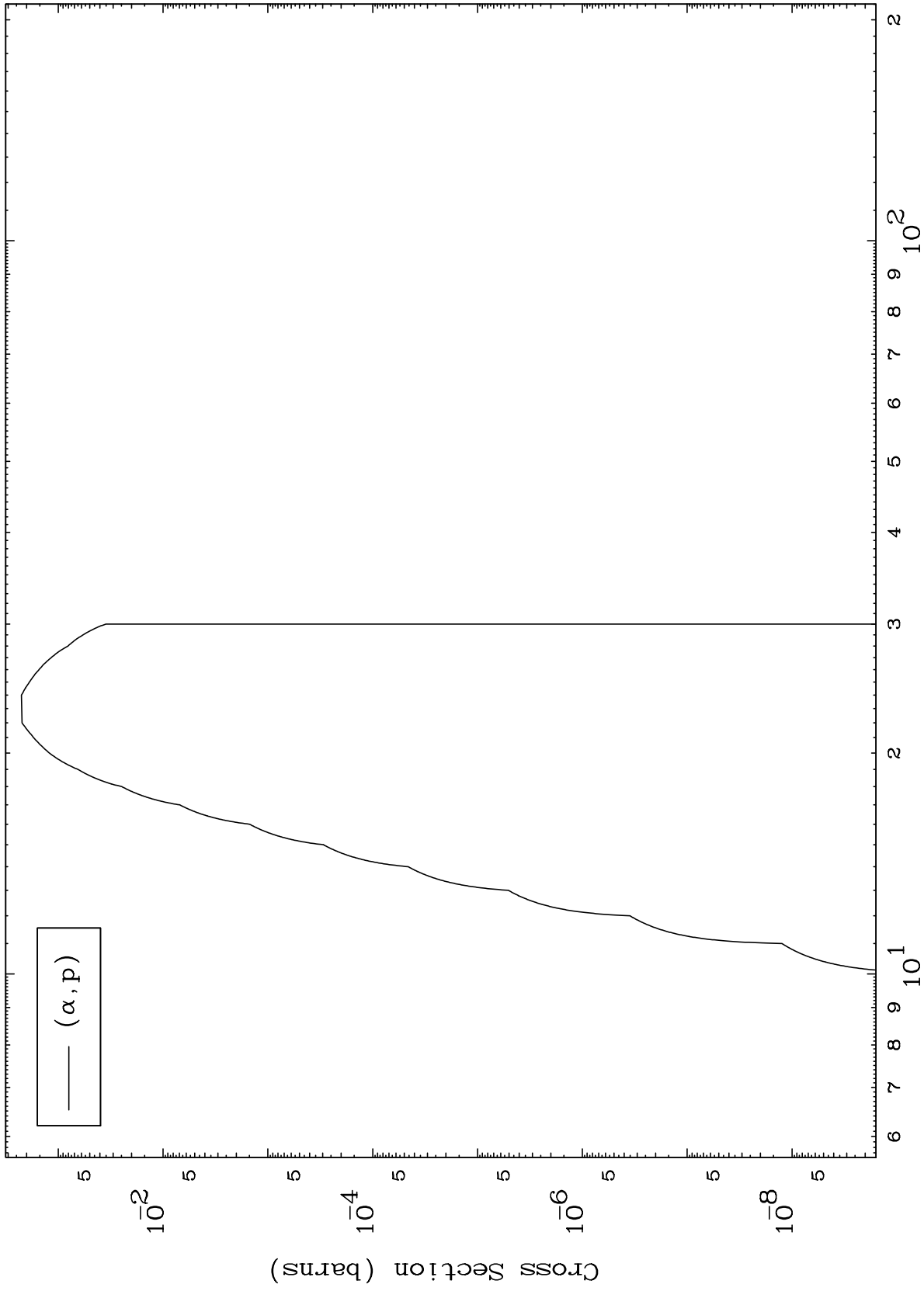
Incident Energy (MeV)

71-Lu-158

MAT 7074

(α, p) Levels
0 Kelvin Cross Sections

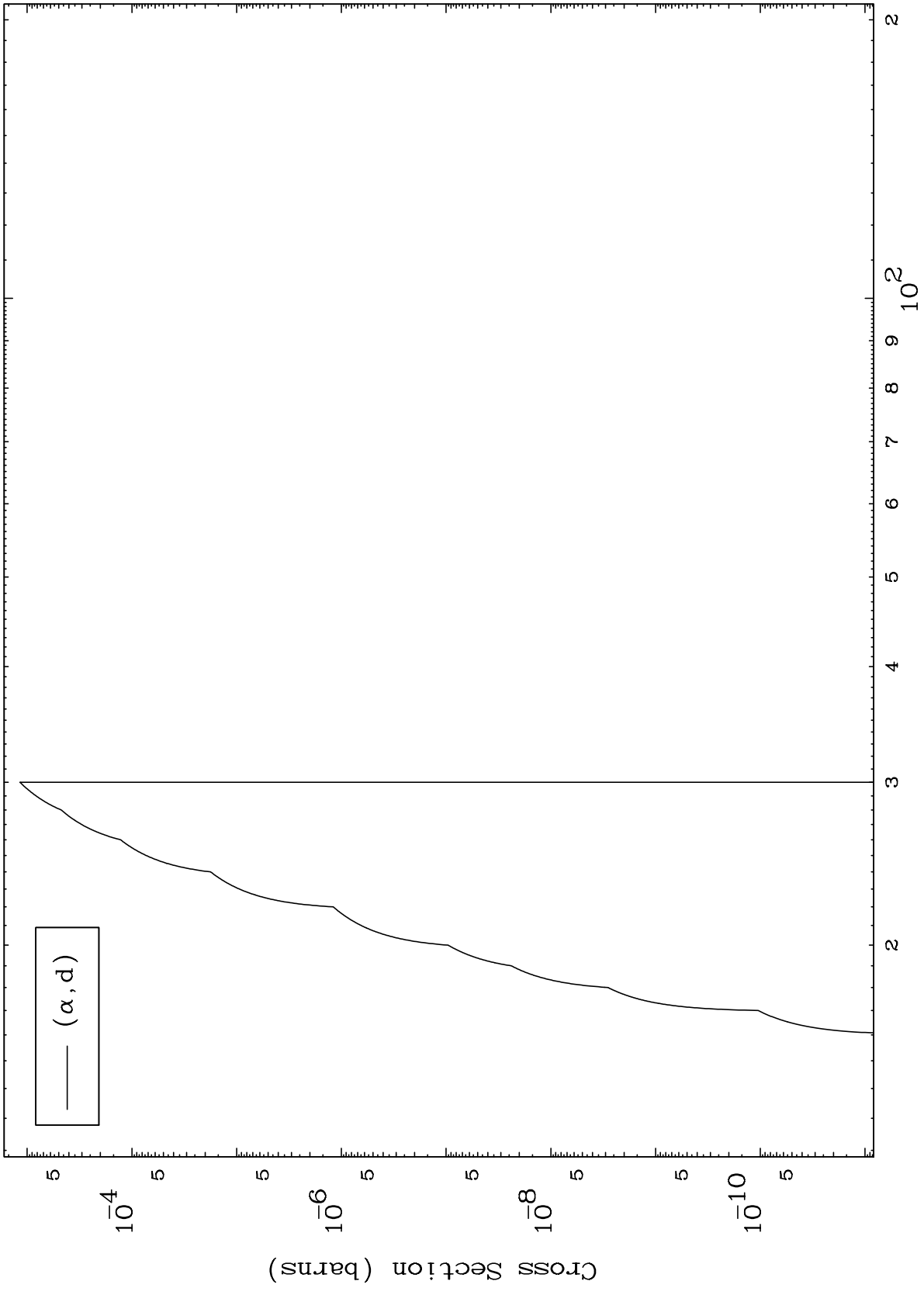
71-Lu-158



6

Incident Energy (MeV)

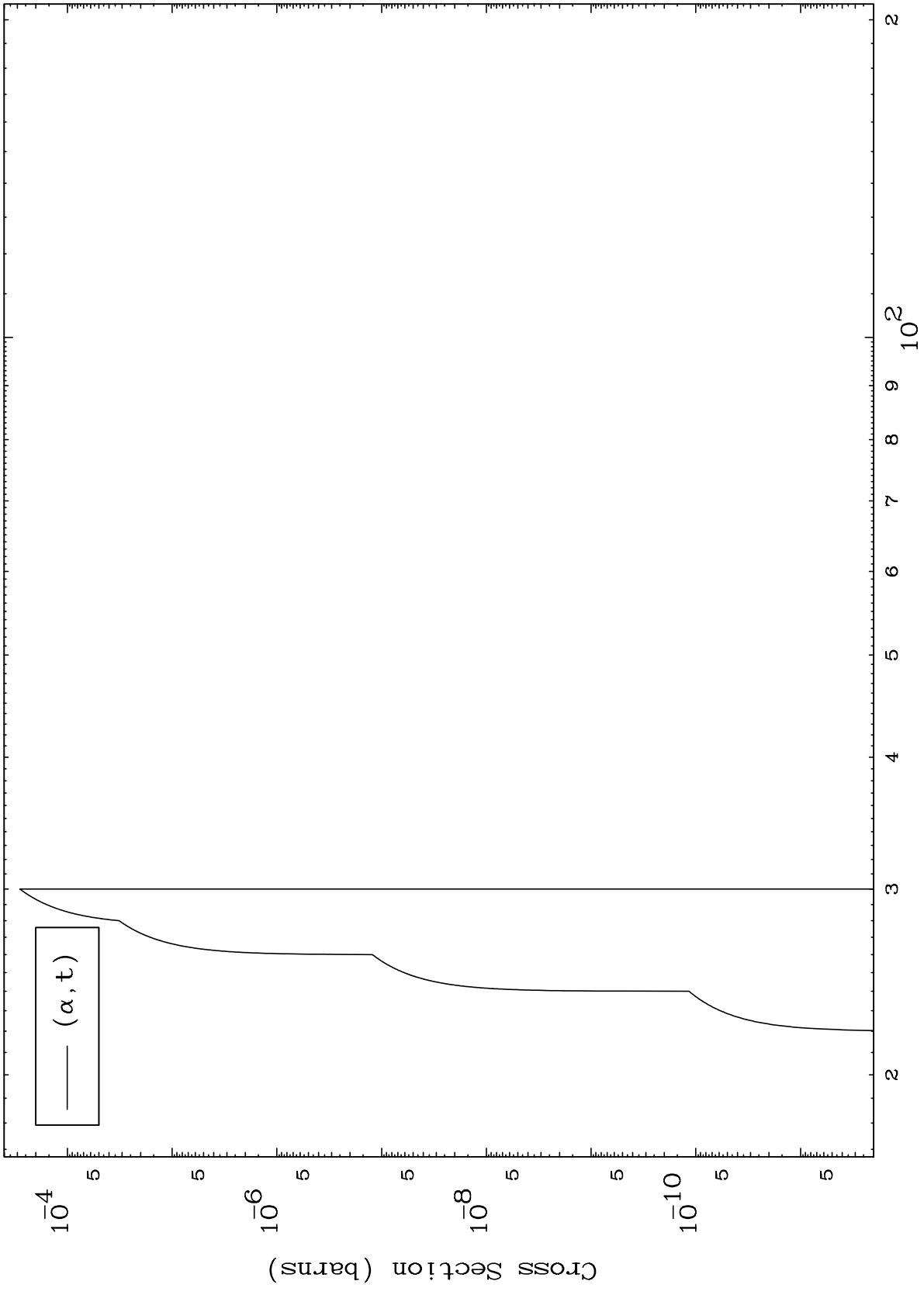
71-Lu-158



MAT 7074

(α, t) Levels
0 Kelvin Cross Sections

71-Lu-158



8

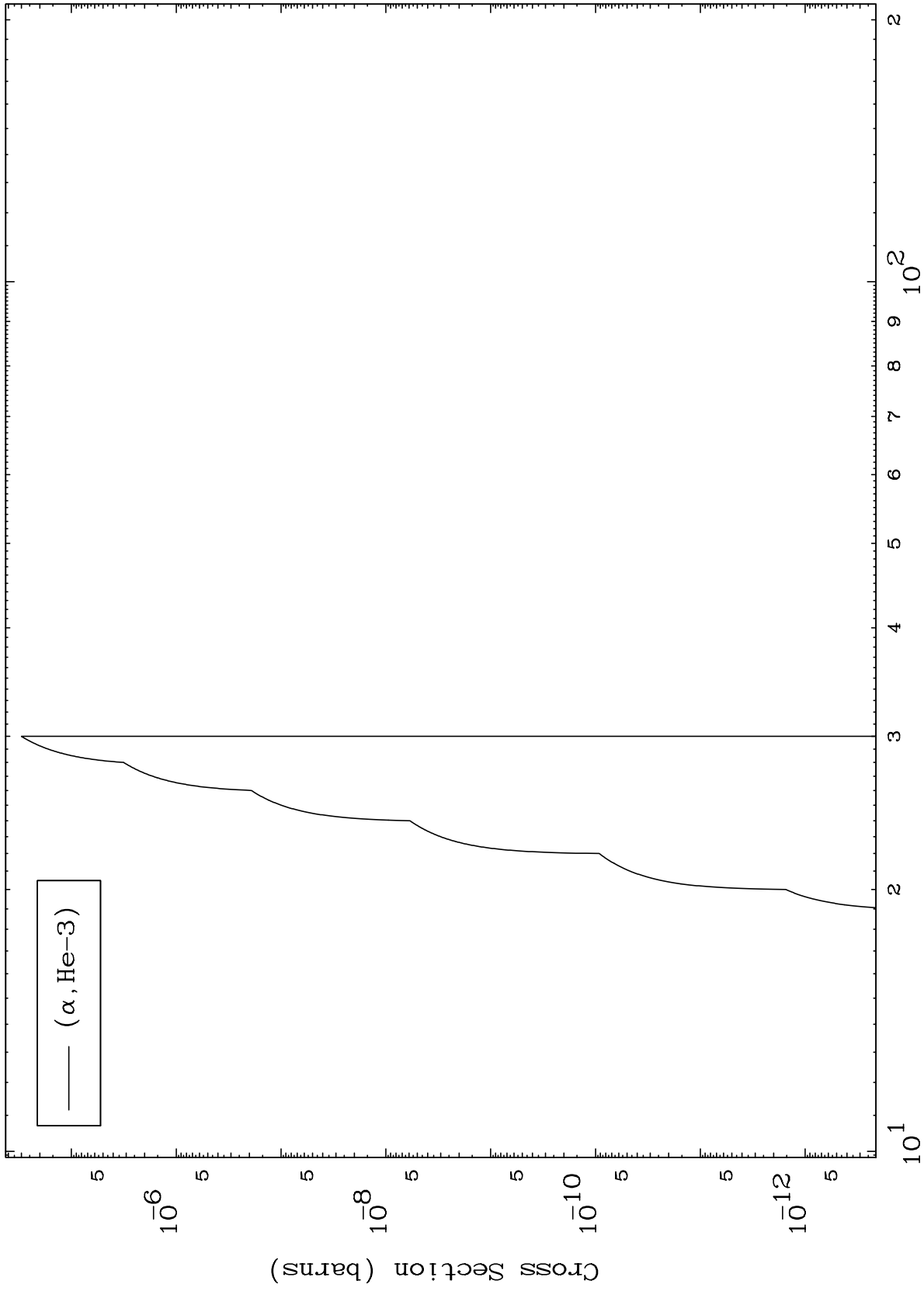
Incident Energy (MeV)

71-Lu-158

MAT 7074

(α ,He3) Levels
0 Kelvin Cross Sections

71-Lu-158



9

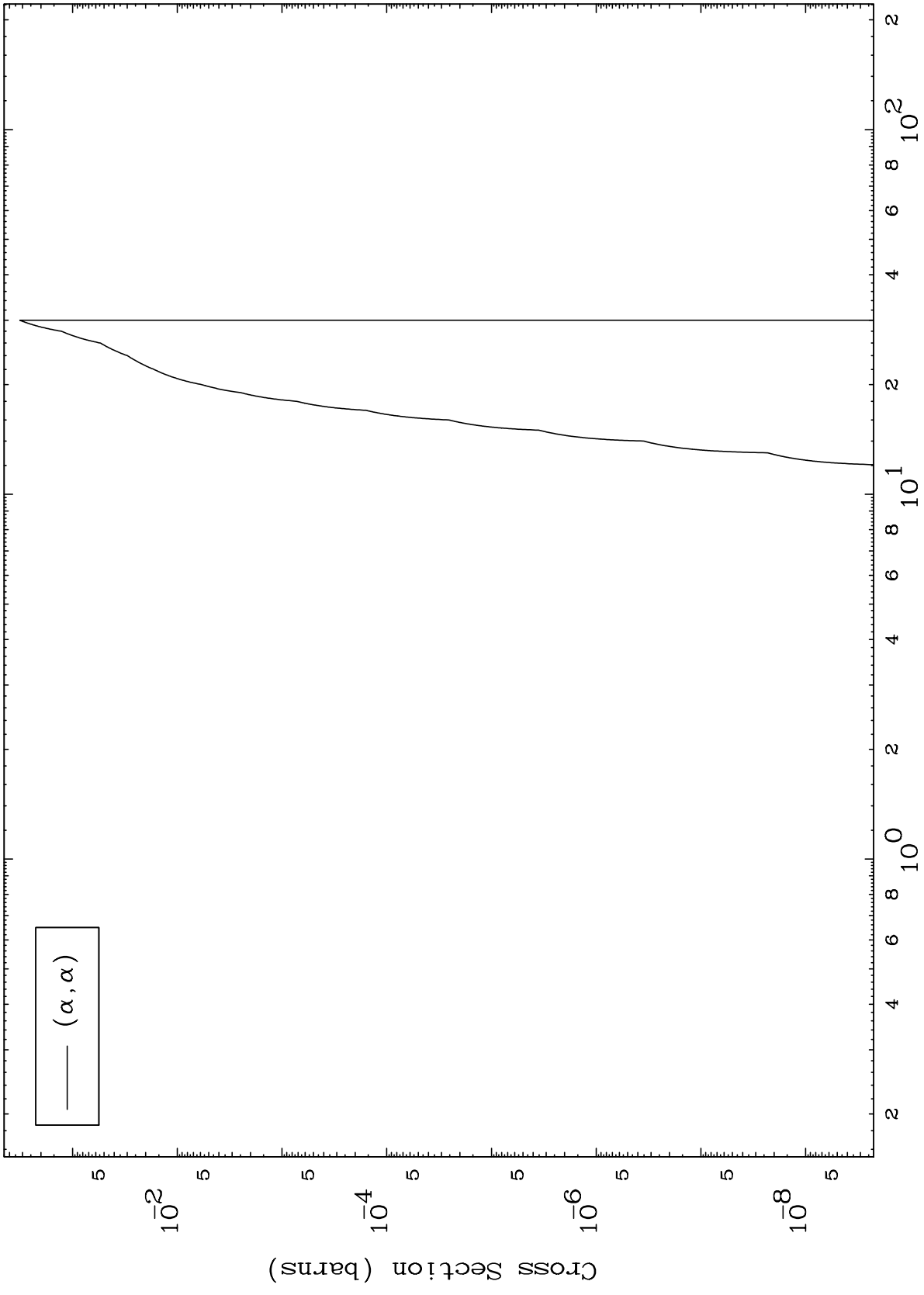
Incident Energy (MeV)

71-Lu-158

MAT 7074

(α, α) Levels
0 Kelvin Cross Sections

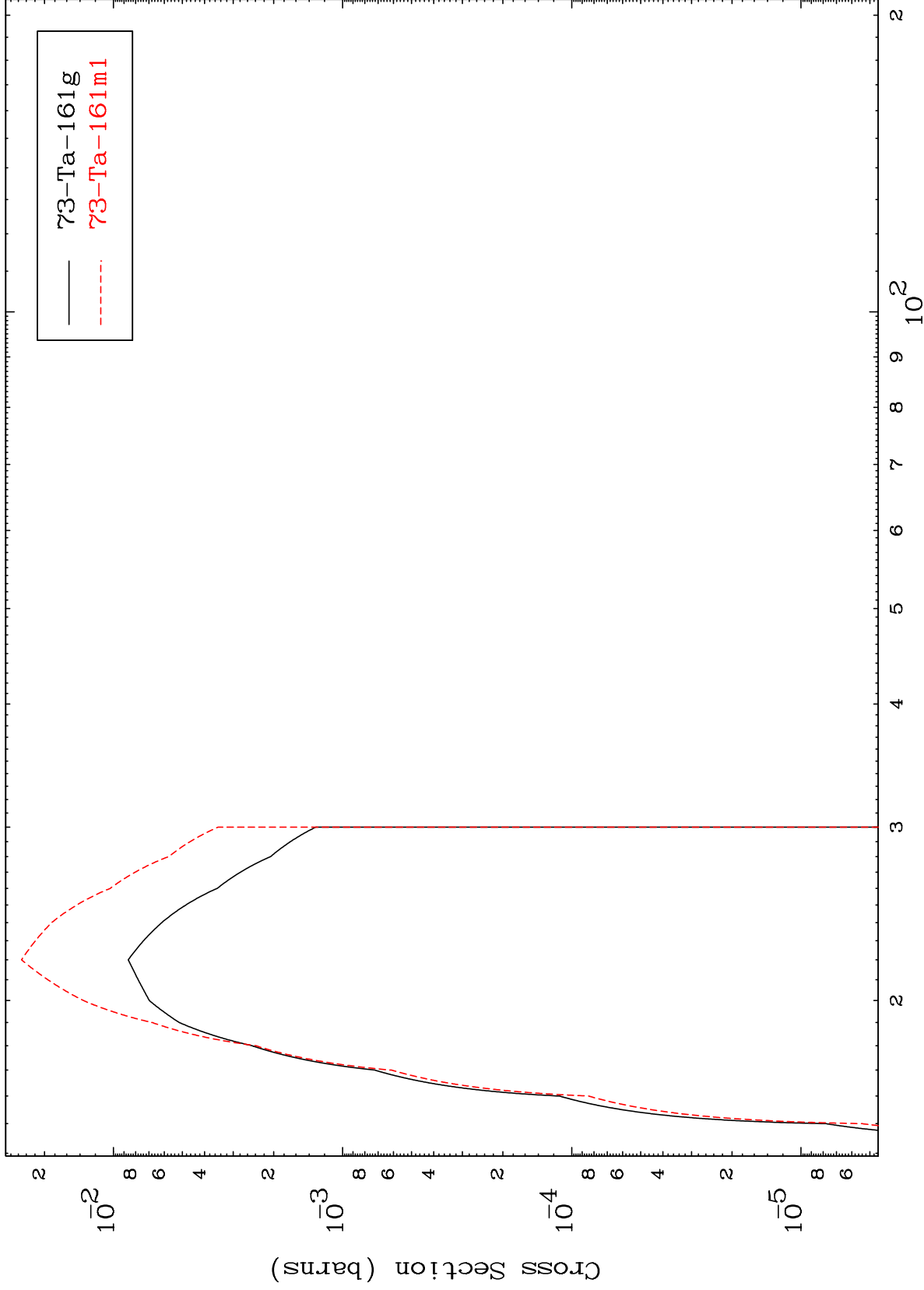
71-Lu-158



10

Incident Energy (MeV)

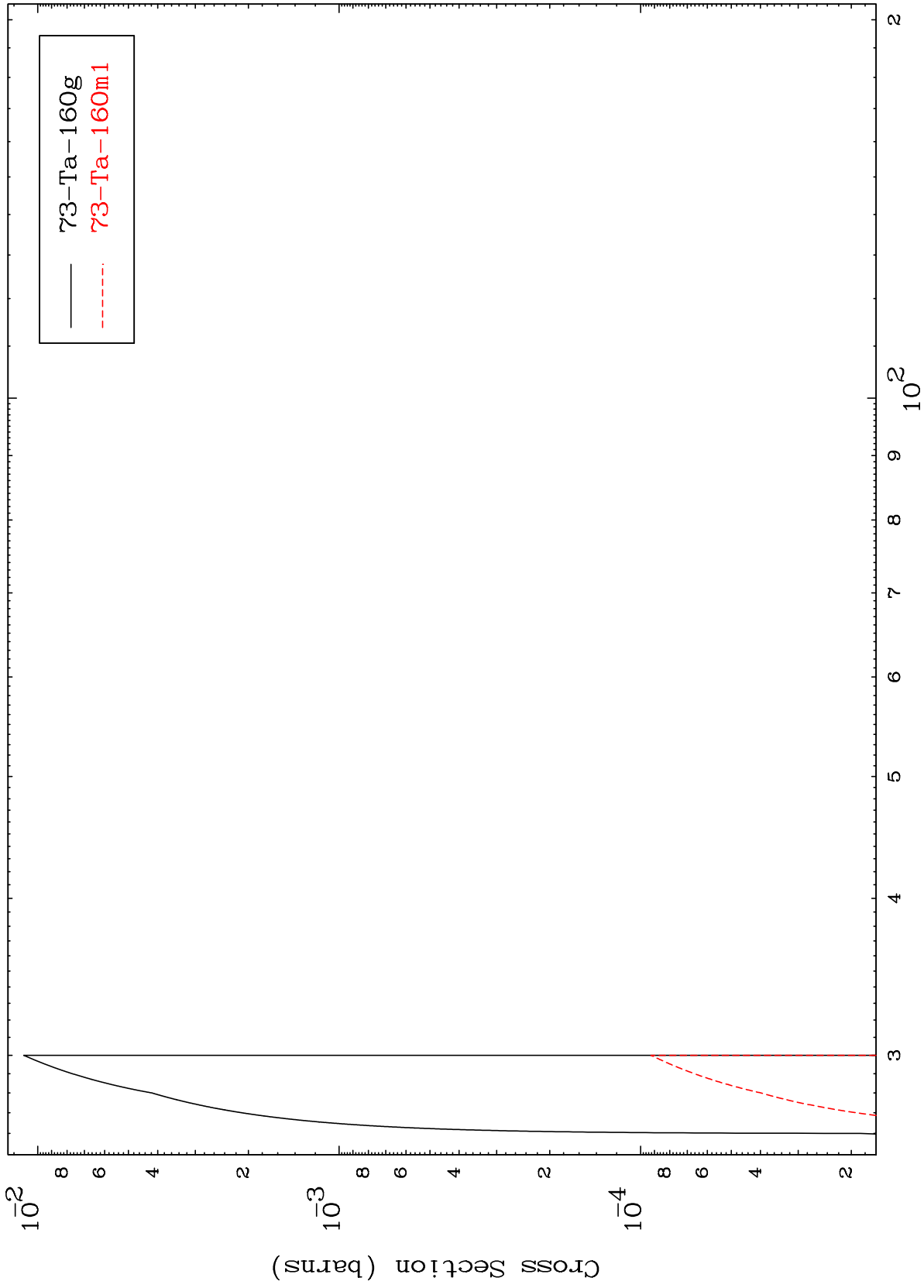
71-Lu-158



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71-Lu-158

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



12

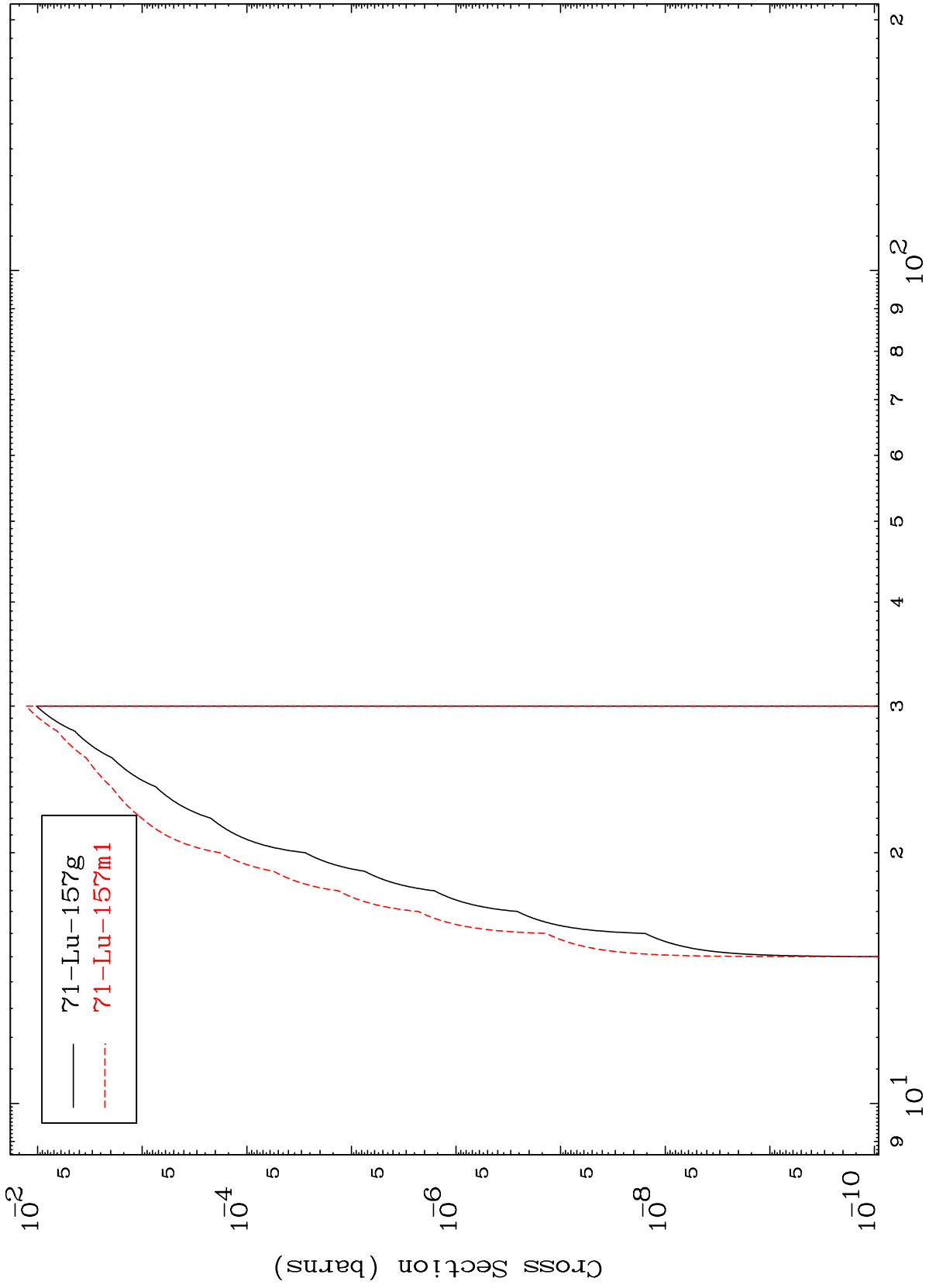
71-Lu-158

MAT 7074

(α, n') α

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



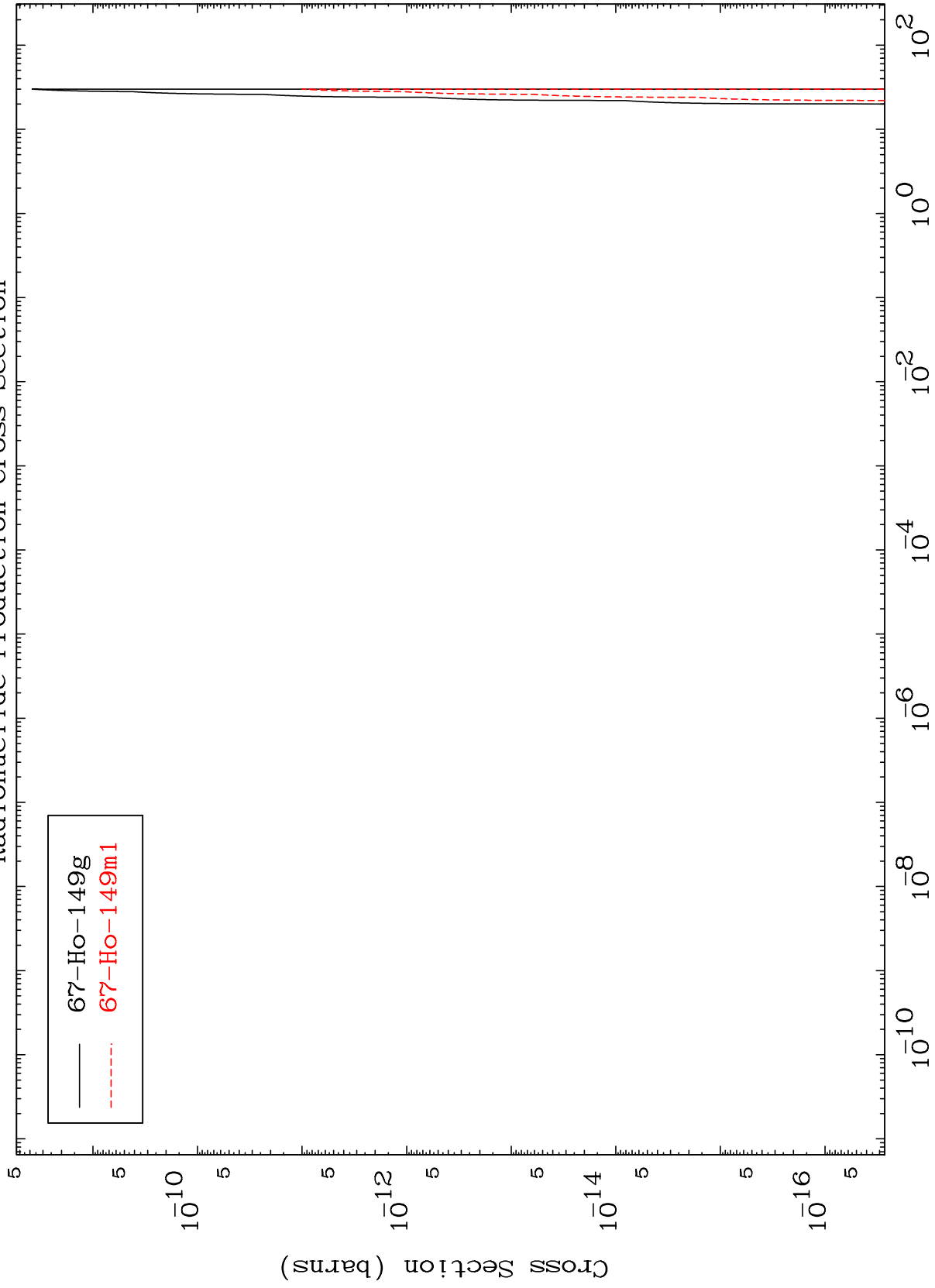
13

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(α, n') 3α

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



14

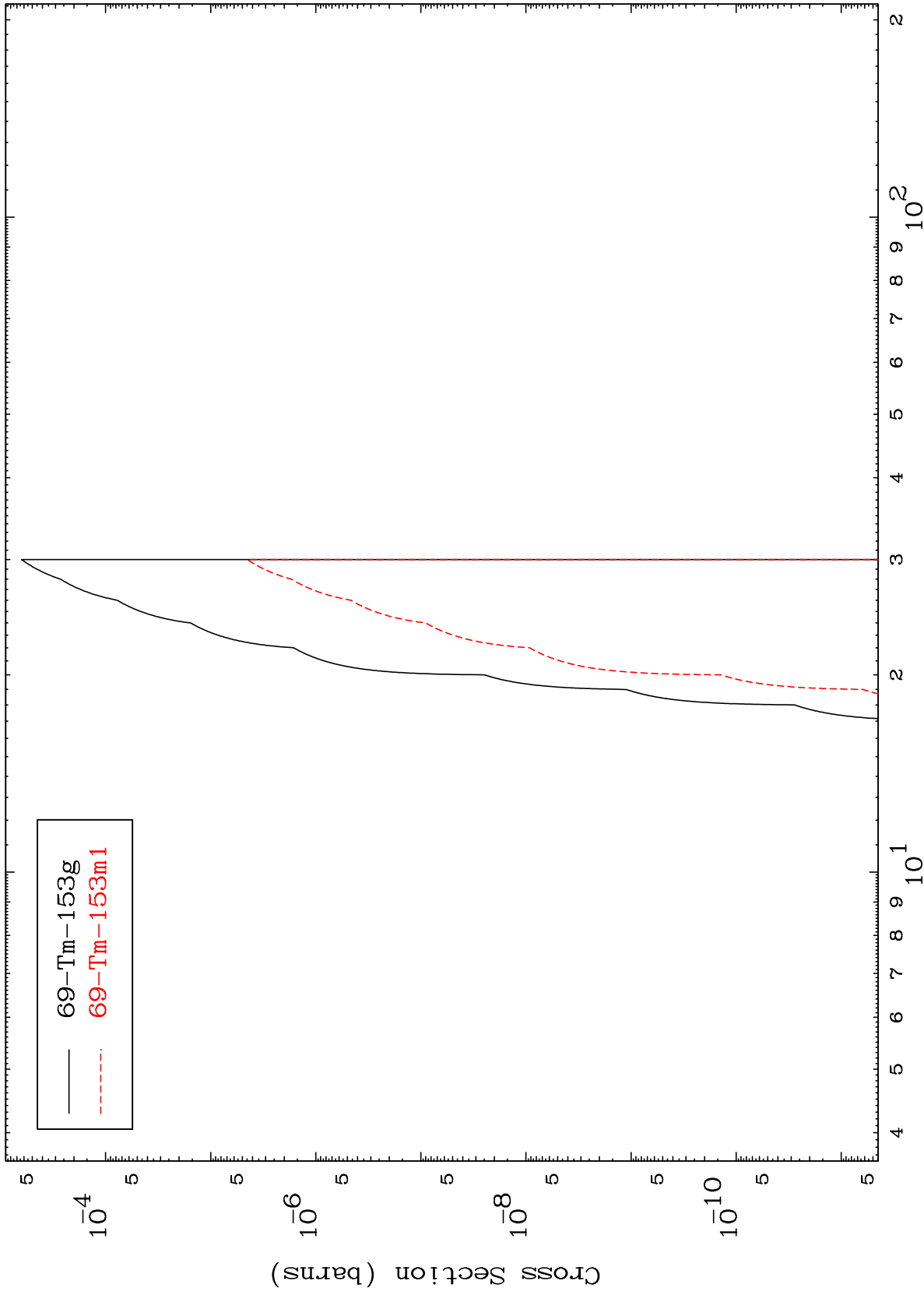
Incident Energy (MeV)

$^{71}\text{Lu-158}$

MAT 7074

(α, n') 2α
Radionuclide Production Cross Section

$^{71}\text{Lu-158}$



15

Incident Energy (MeV)

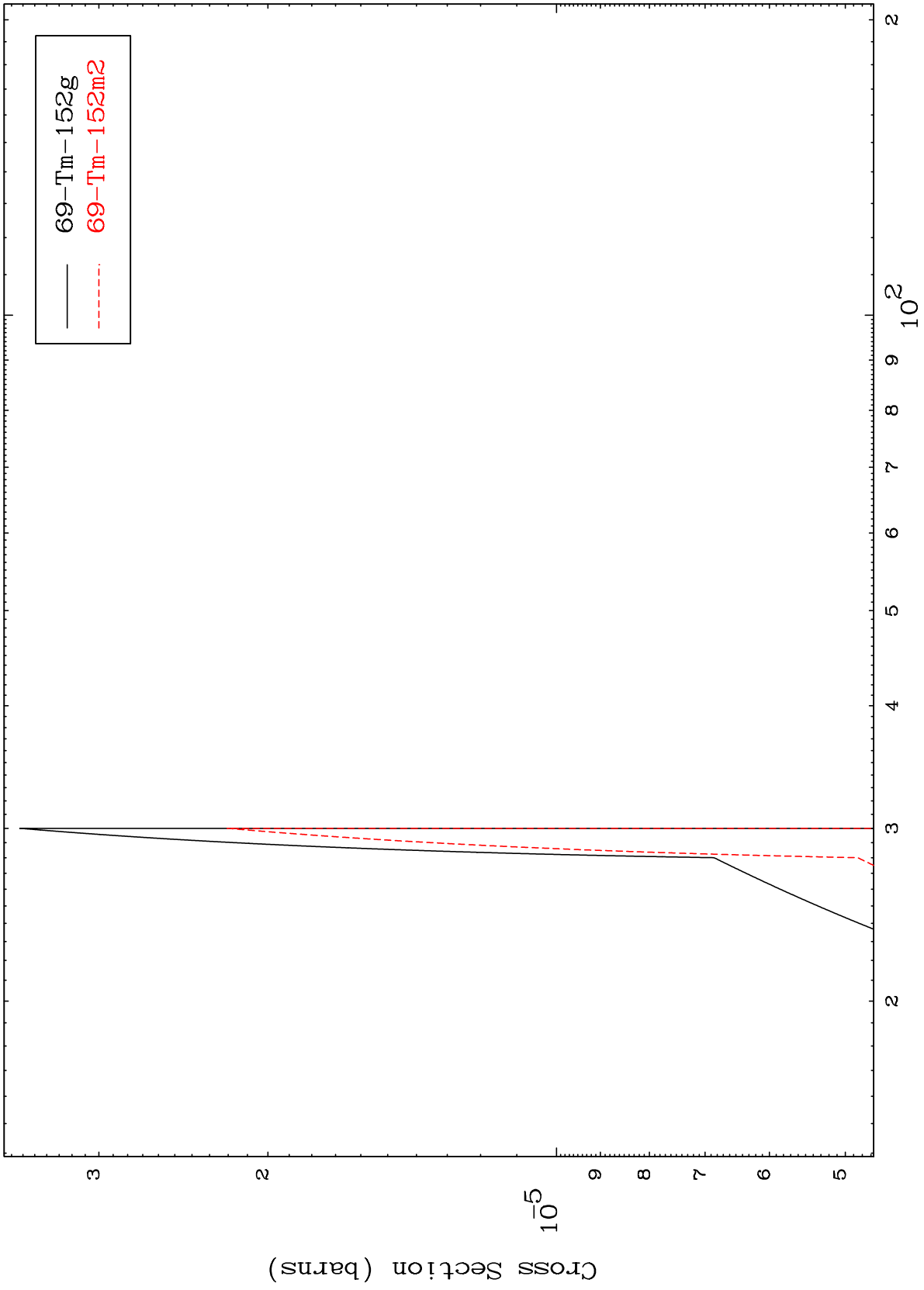
$^{71}\text{Lu-158}$

MAT 7074

$(\alpha, 2n) 2\alpha$

⁷¹Lu-158

Radionuclide Production Cross Section



16

Incident Energy (MeV)

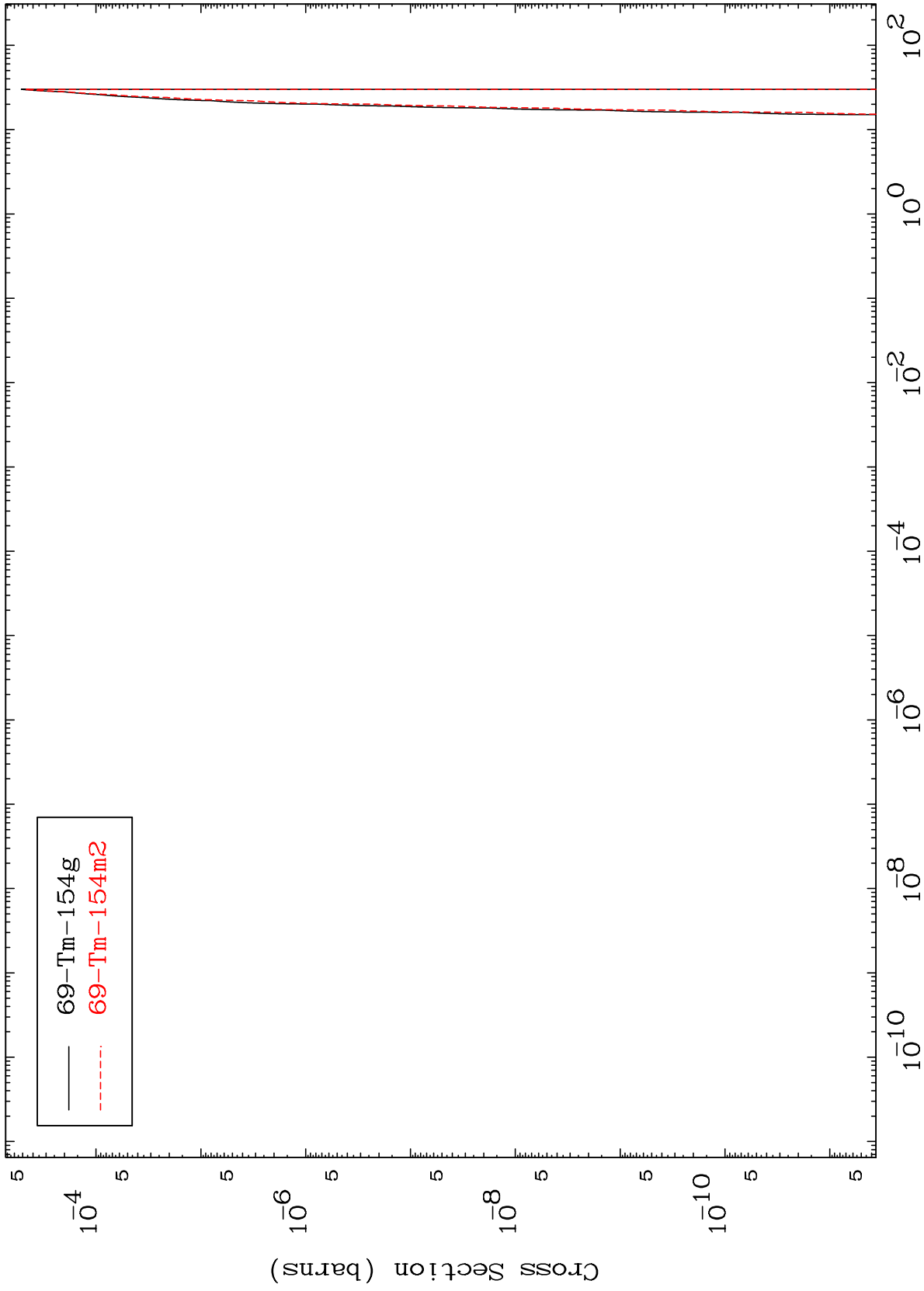
⁷¹Lu-158

MAT 7074

($\alpha, 2\alpha$)

71-Lu-158

Radionuclide Production Cross Section



17

Incident Energy (MeV)

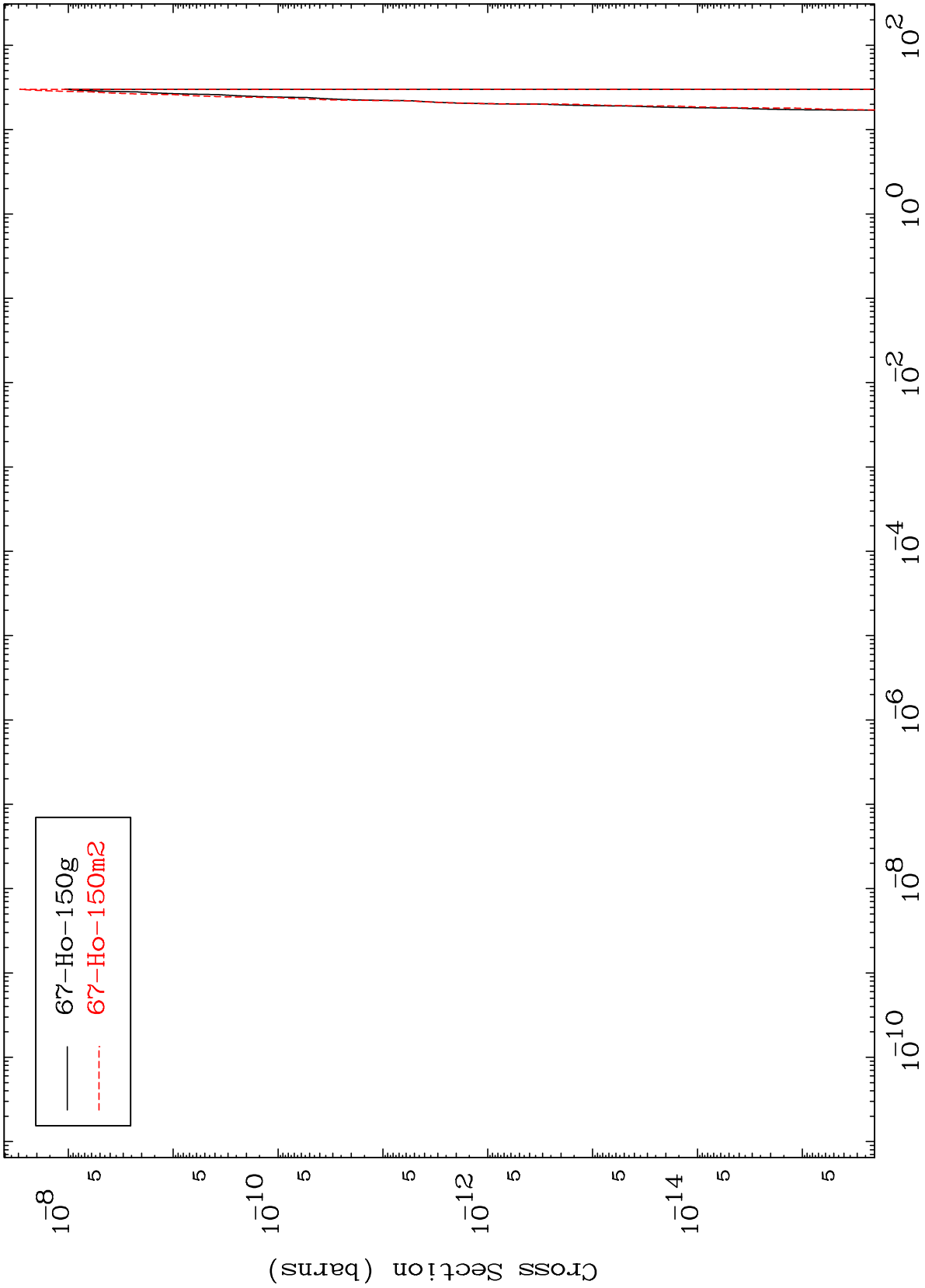
71-Lu-158

MAT 7074

($\alpha, 3\alpha$)

71-Lu-158

Radionuclide Production Cross Section

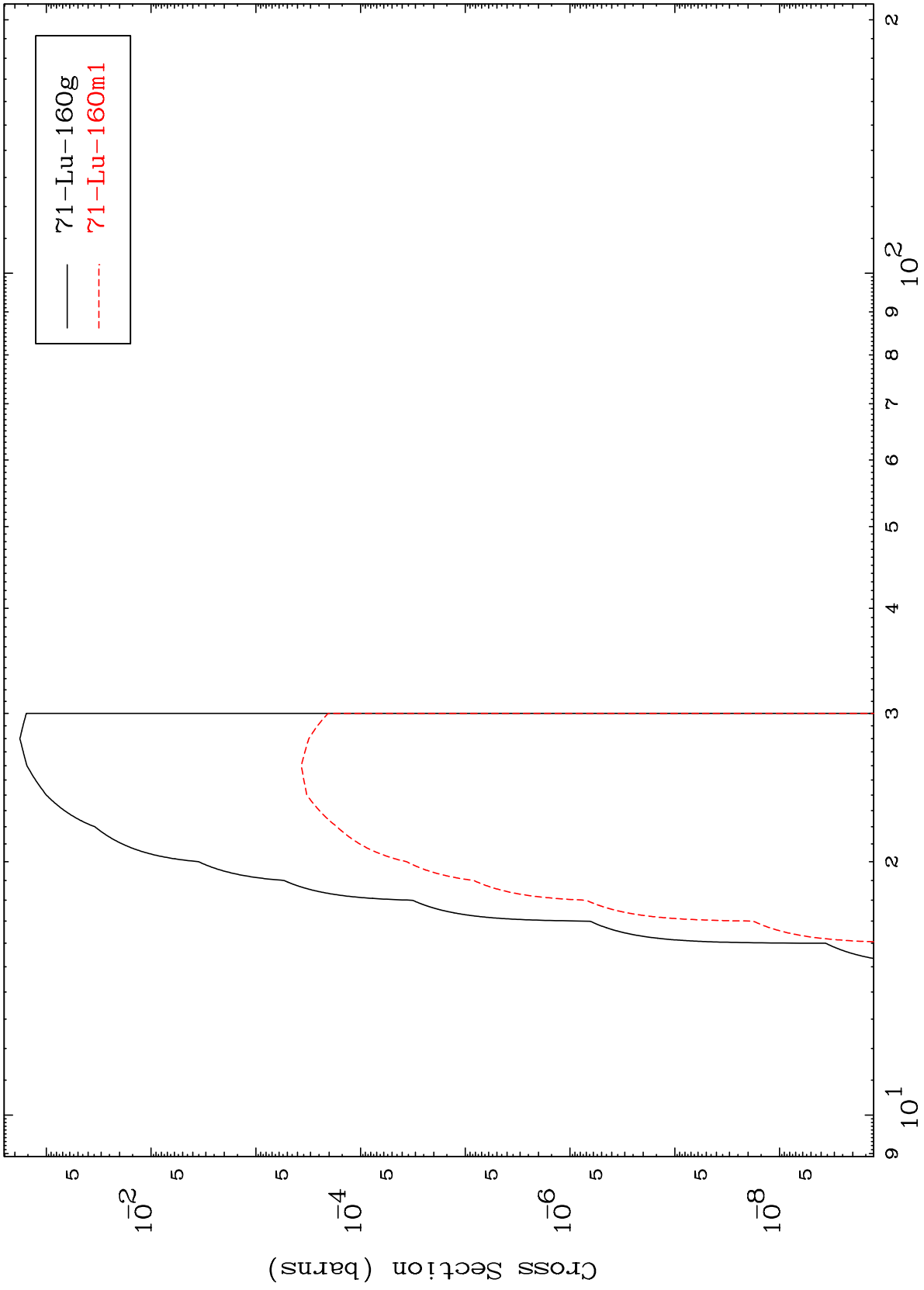


71-Lu-158

MAT 7074

71-Lu-158

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



19

Incident Energy (MeV)

71-Lu-158