

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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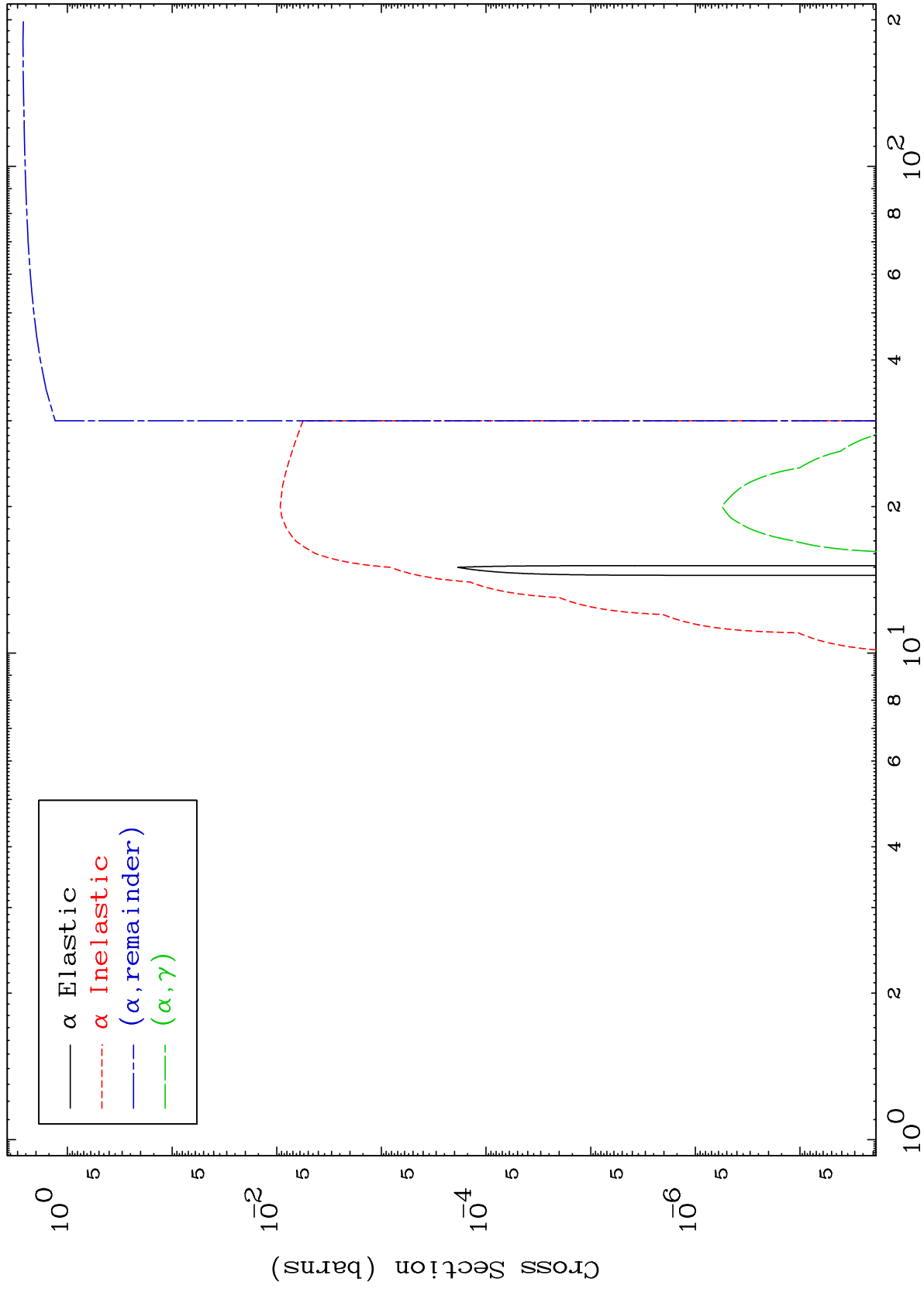
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7143

0 Kelvin α Major

⁷¹Lu-181



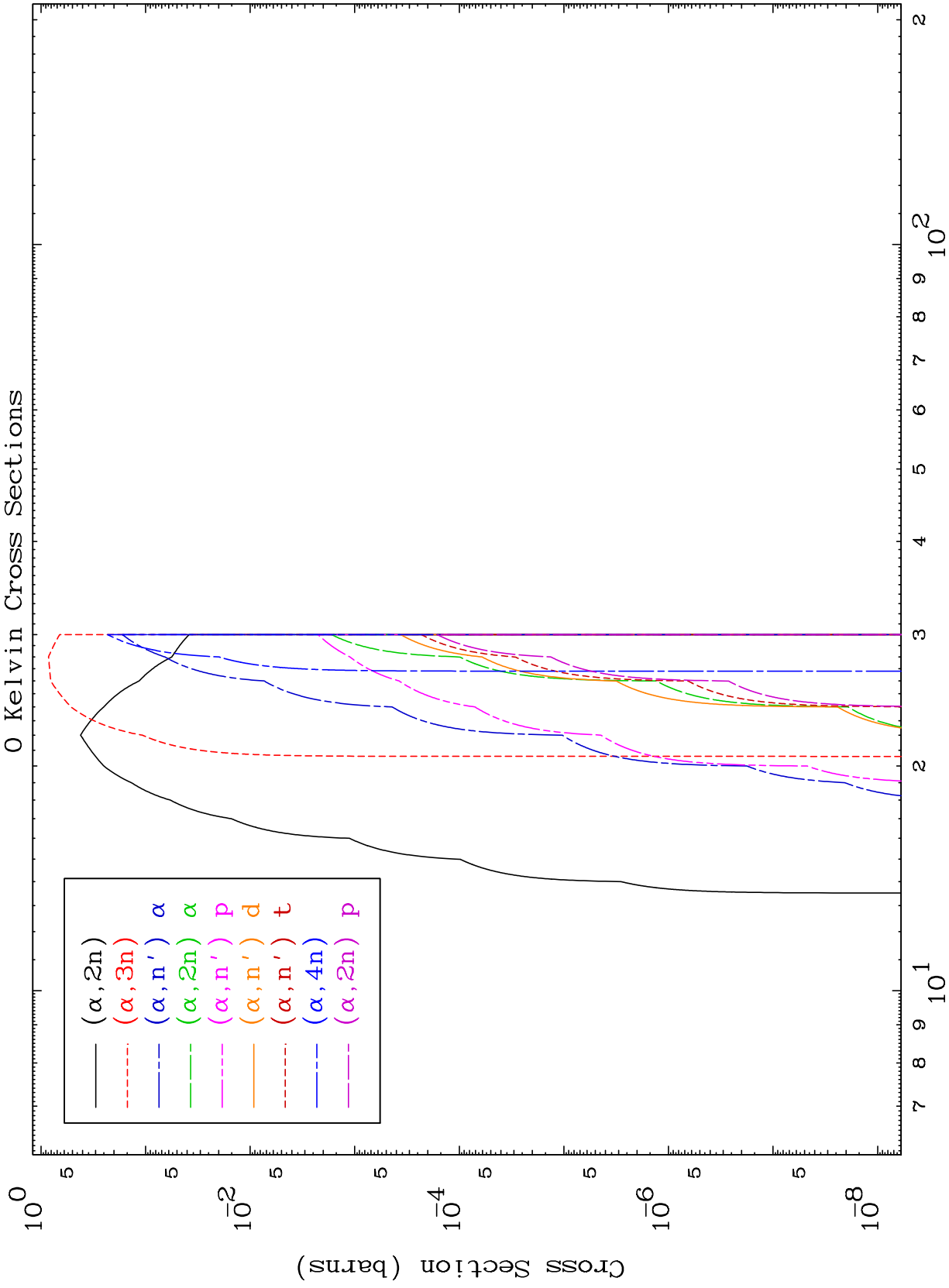
Incident Energy (MeV)

⁷¹Lu-181

MAT 7143

α Neutron Production
0 Kelvin Cross Sections

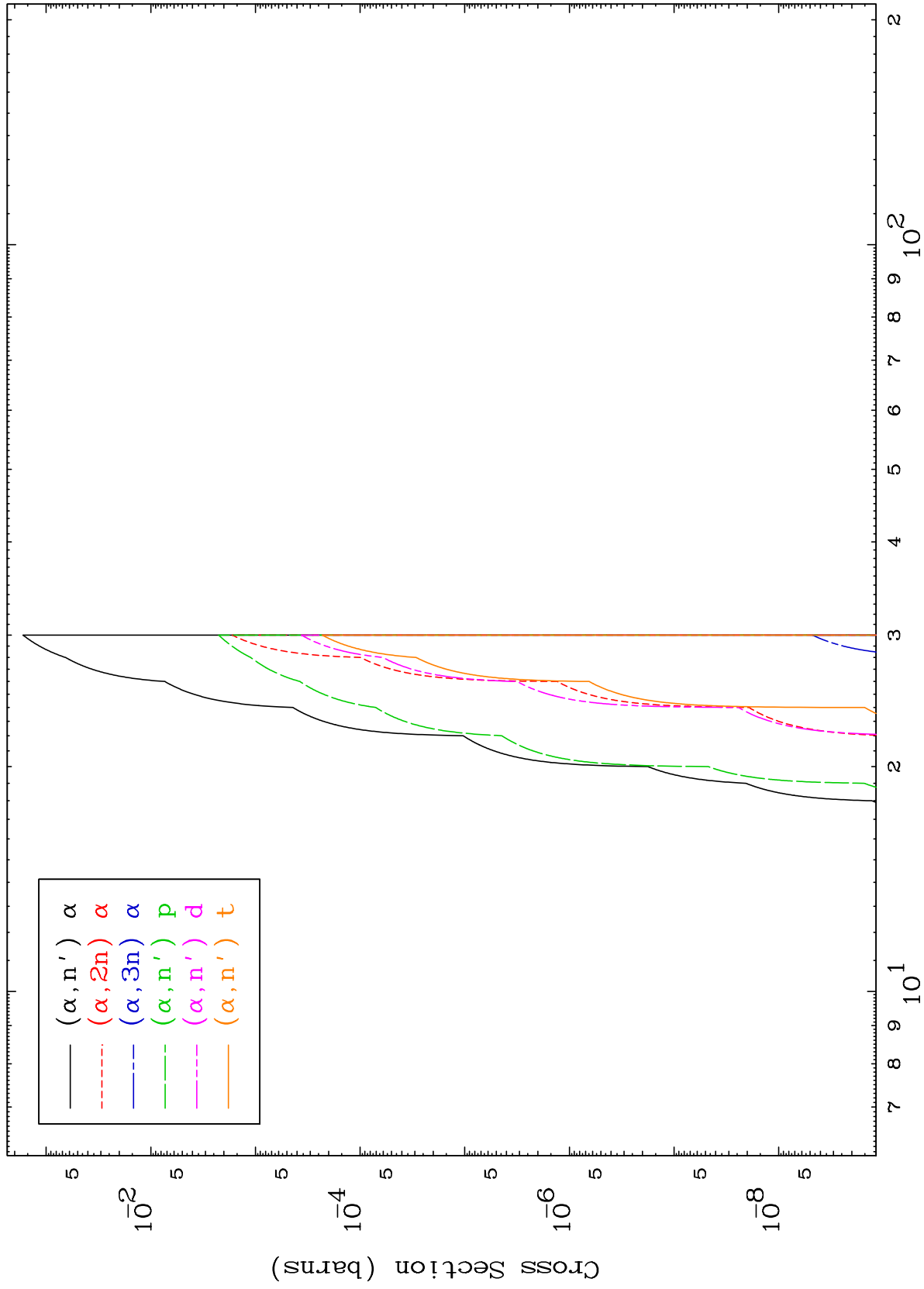
71-Lu-181

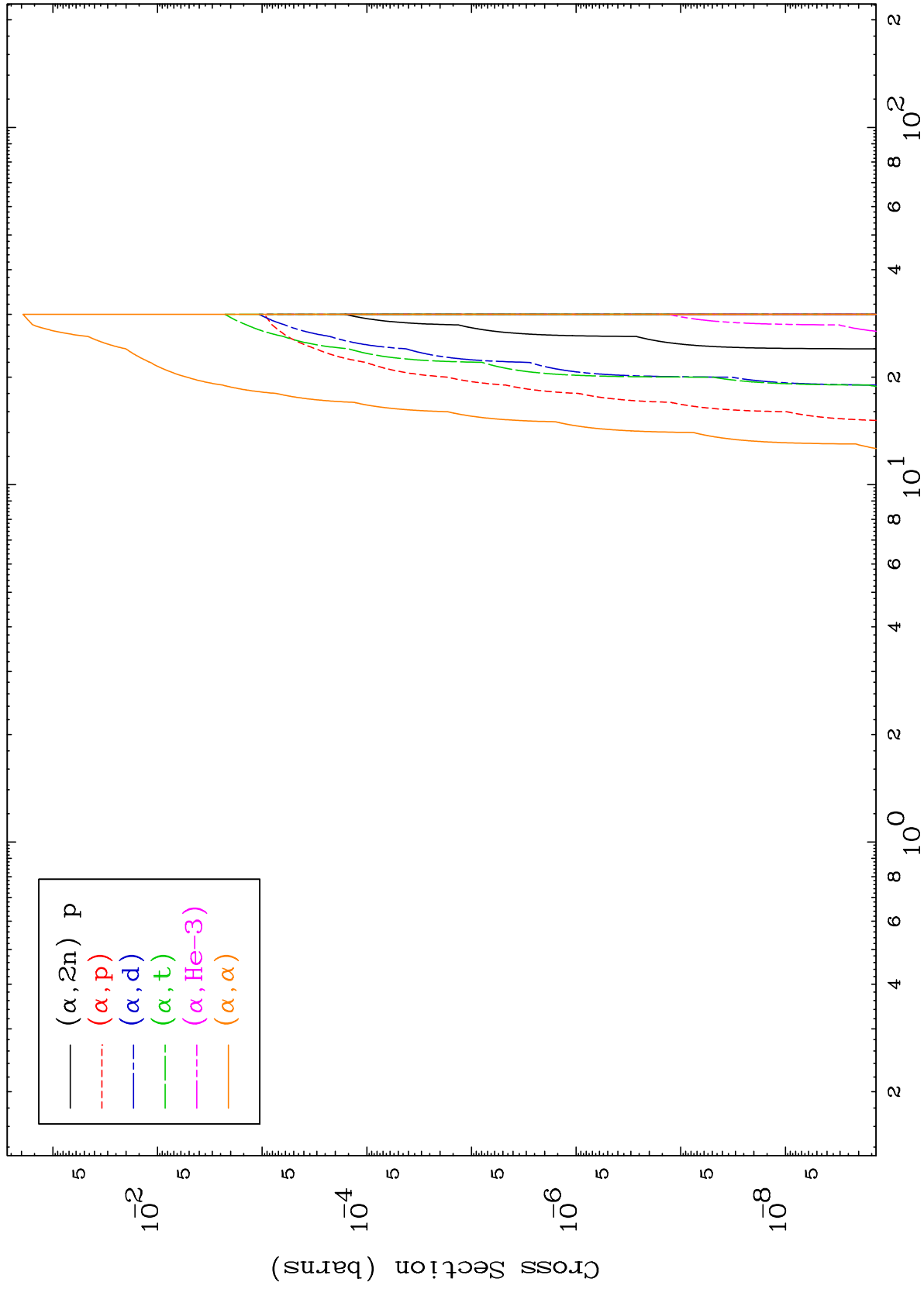


2

Incident Energy (MeV)

71-Lu-181

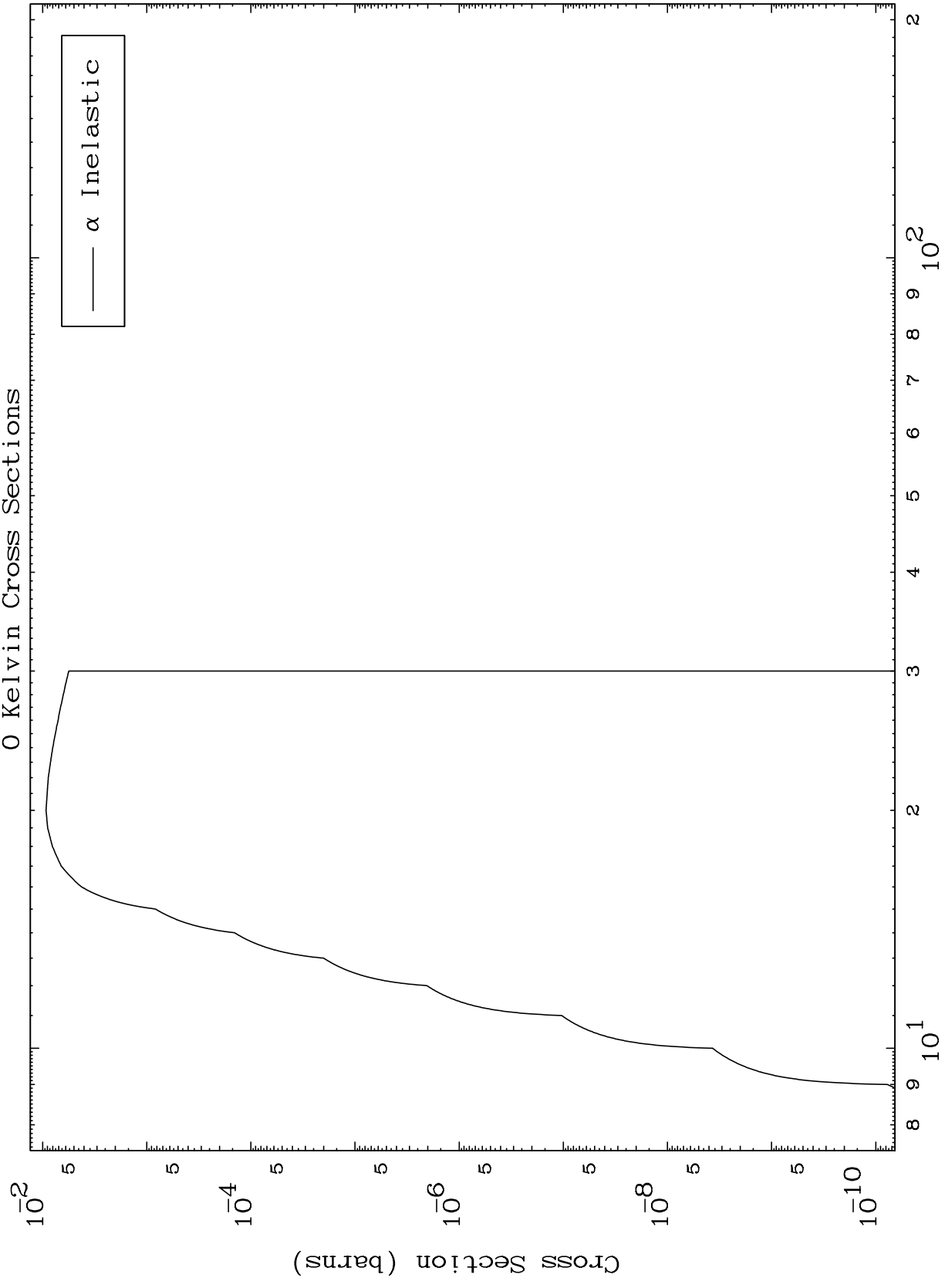




MAT 7143

(α, n') Level
0 Kelvin Cross Sections

71-Lu-181



5

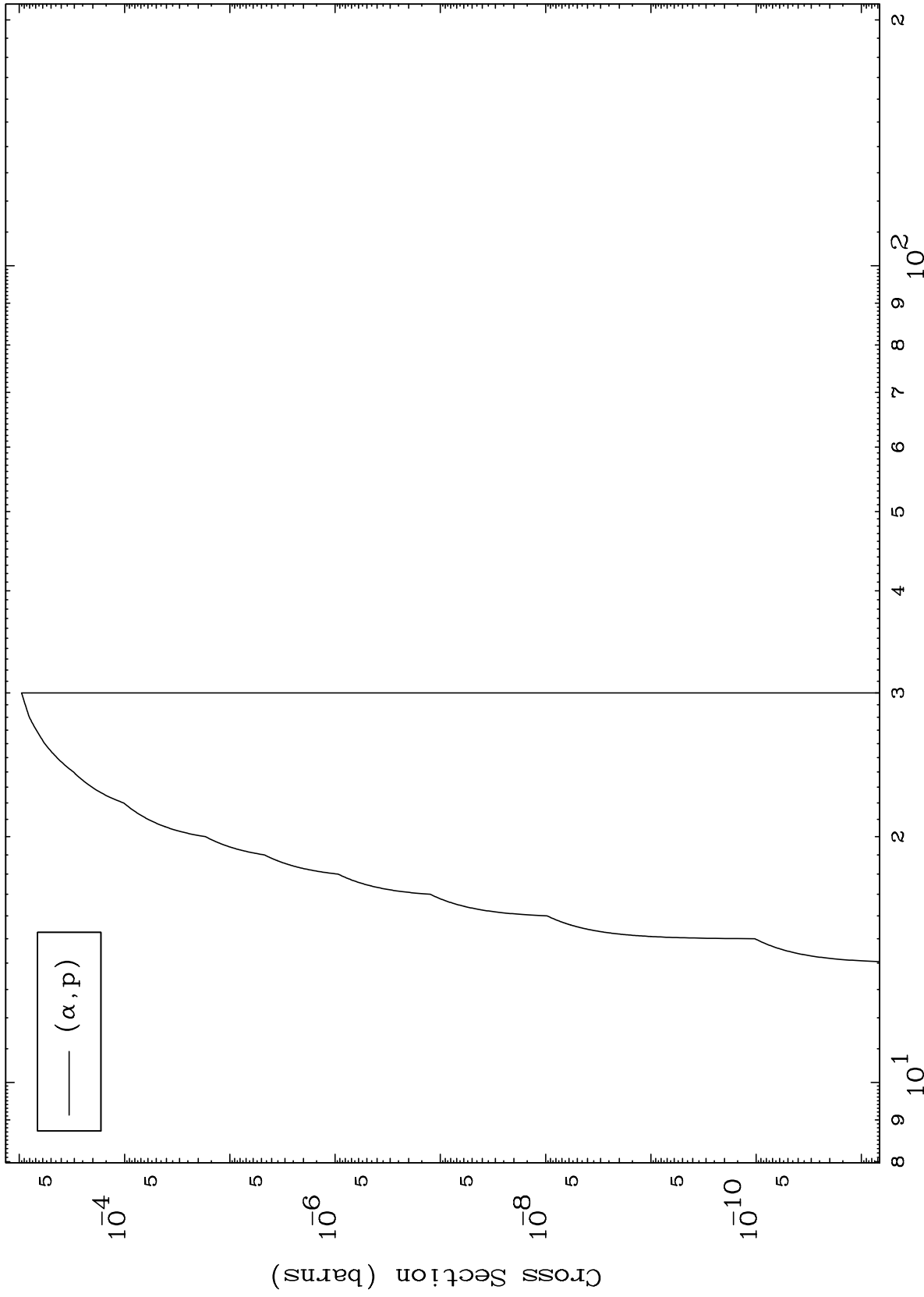
Incident Energy (MeV)

71-Lu-181

MAT 7143

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-181



6

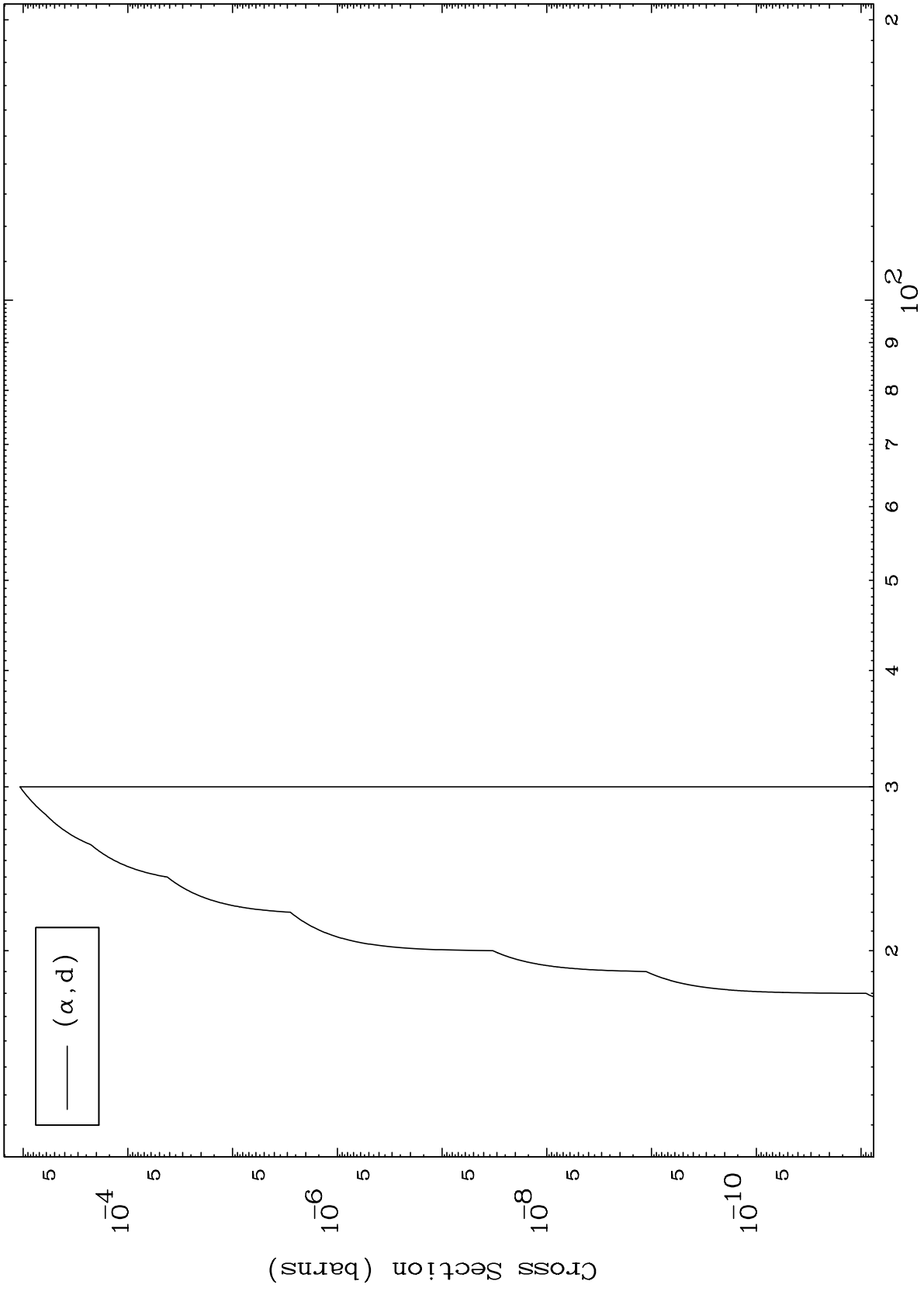
Incident Energy (MeV)

71-Lu-181

MAT 7143

(α, d) Levels
0 Kelvin Cross Sections

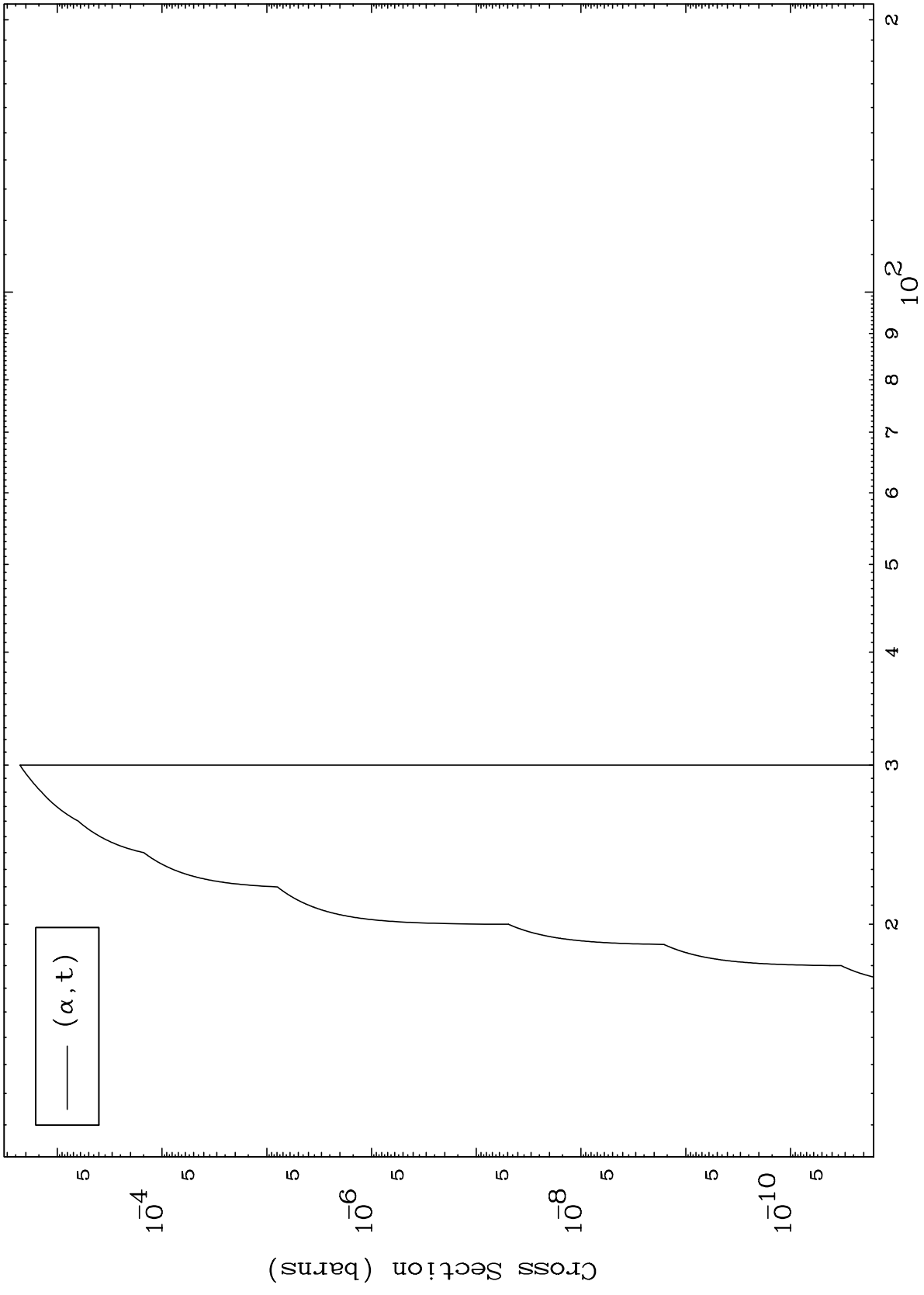
71-Lu-181

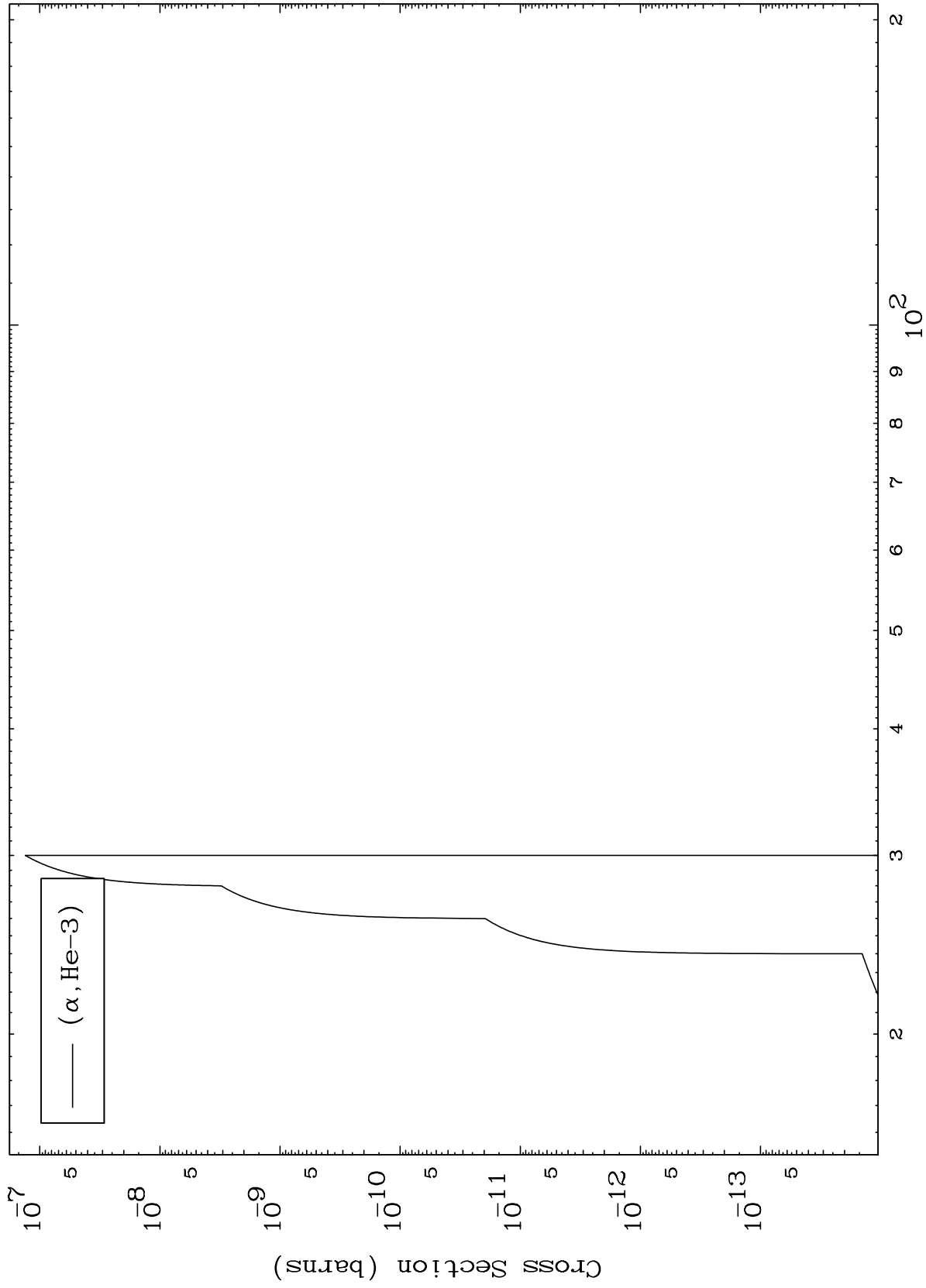


7

Incident Energy (MeV)

71-Lu-181

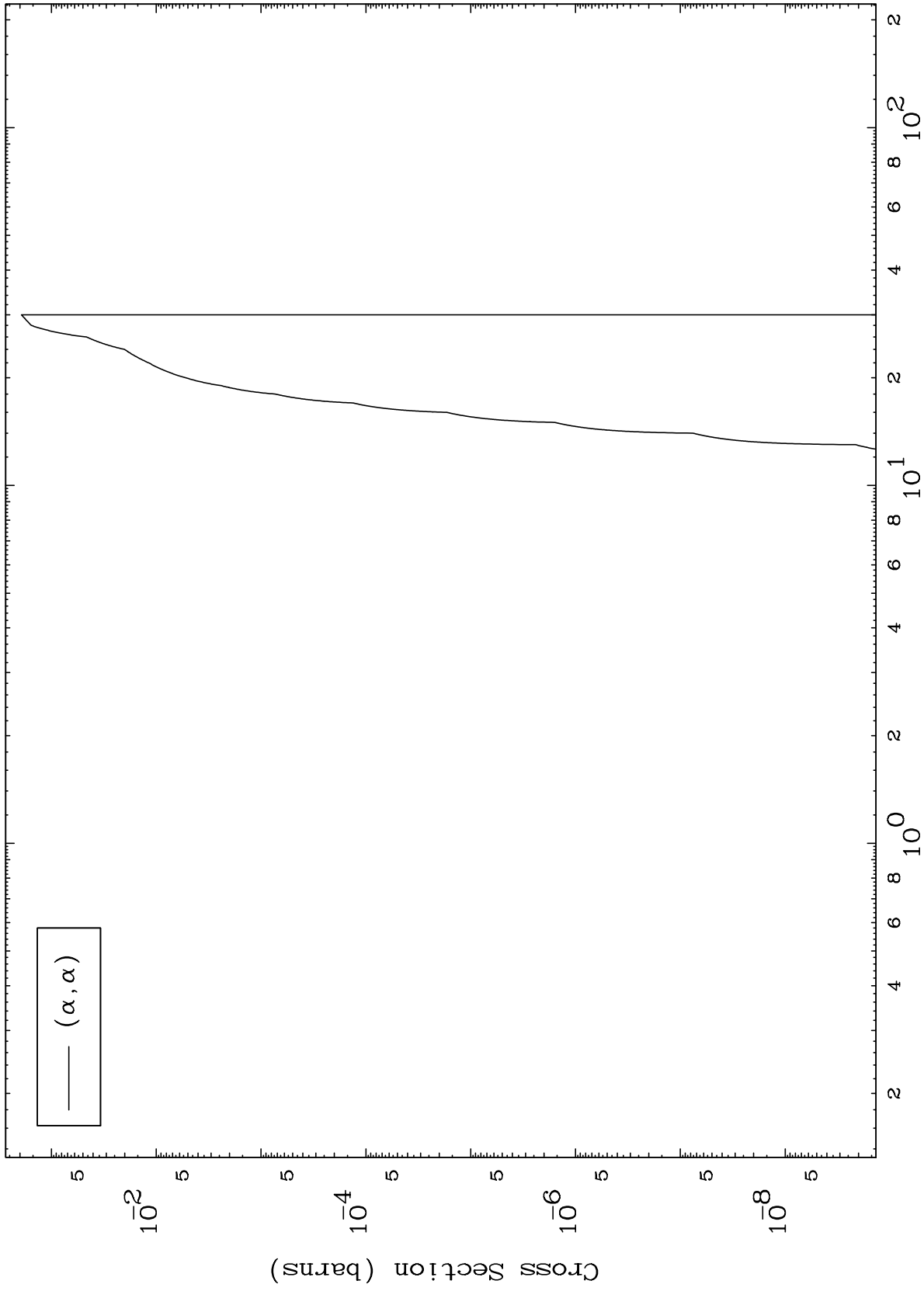




MAT 7143

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-181



10

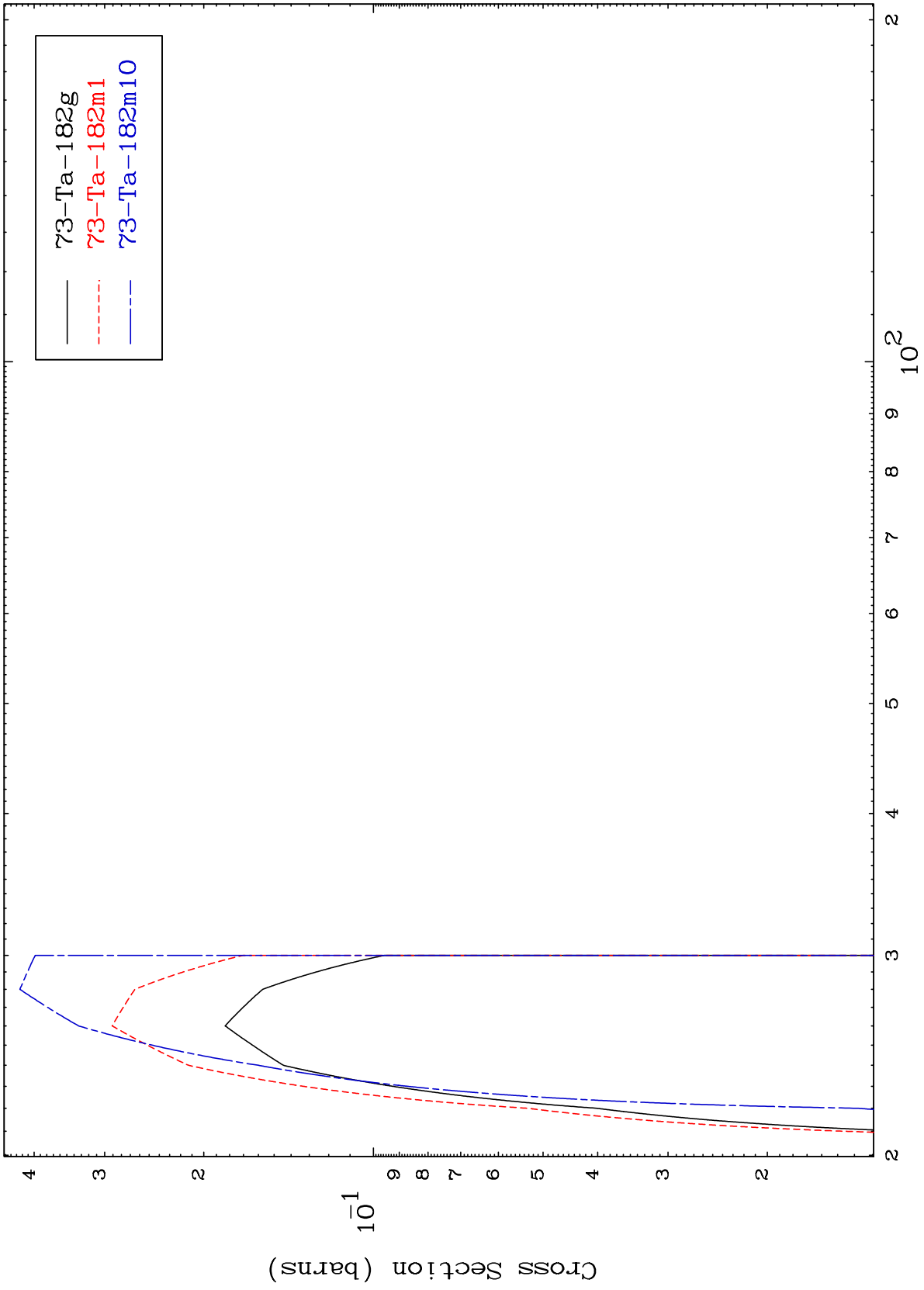
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

($\alpha, 3n$)
Radionuclide Production Cross Section



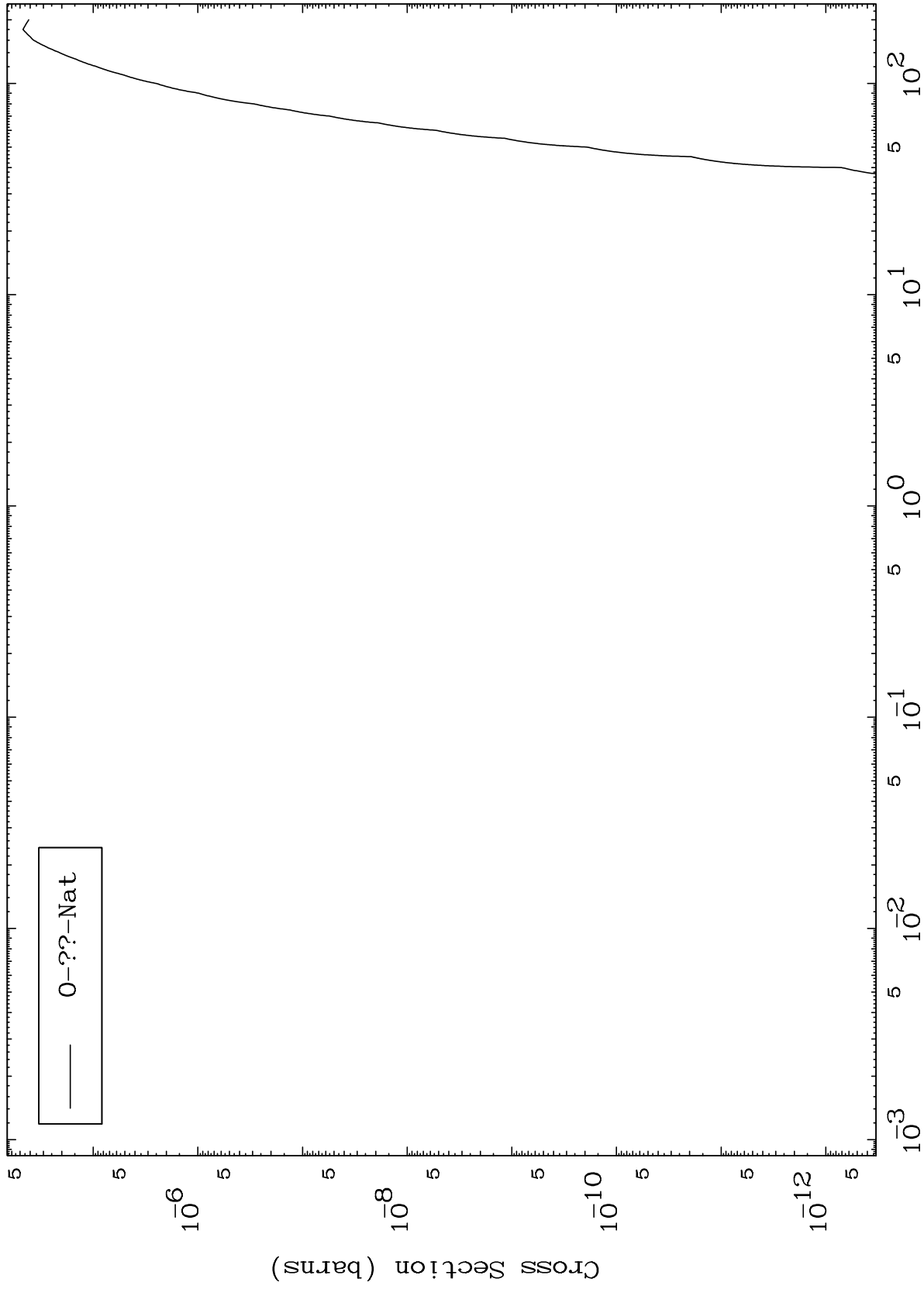
11

71-Lu-181

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α Fission
Radionuclide Production Cross Section

71-Lu-181



12

Incident Energy (MeV)

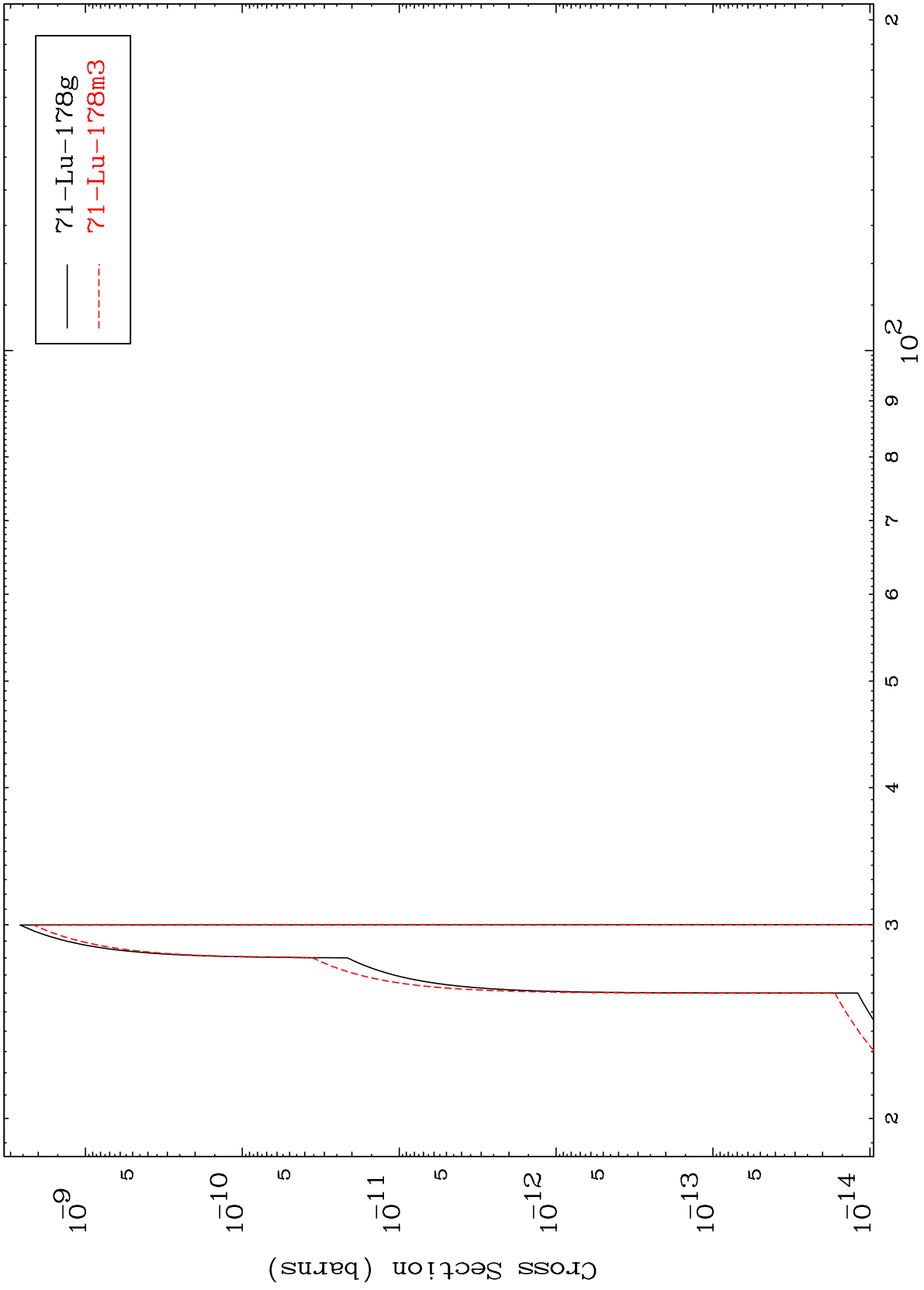
71-Lu-181

MAT 7143

$(\alpha, 3n) \alpha$

$^{71}\text{Lu-181}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

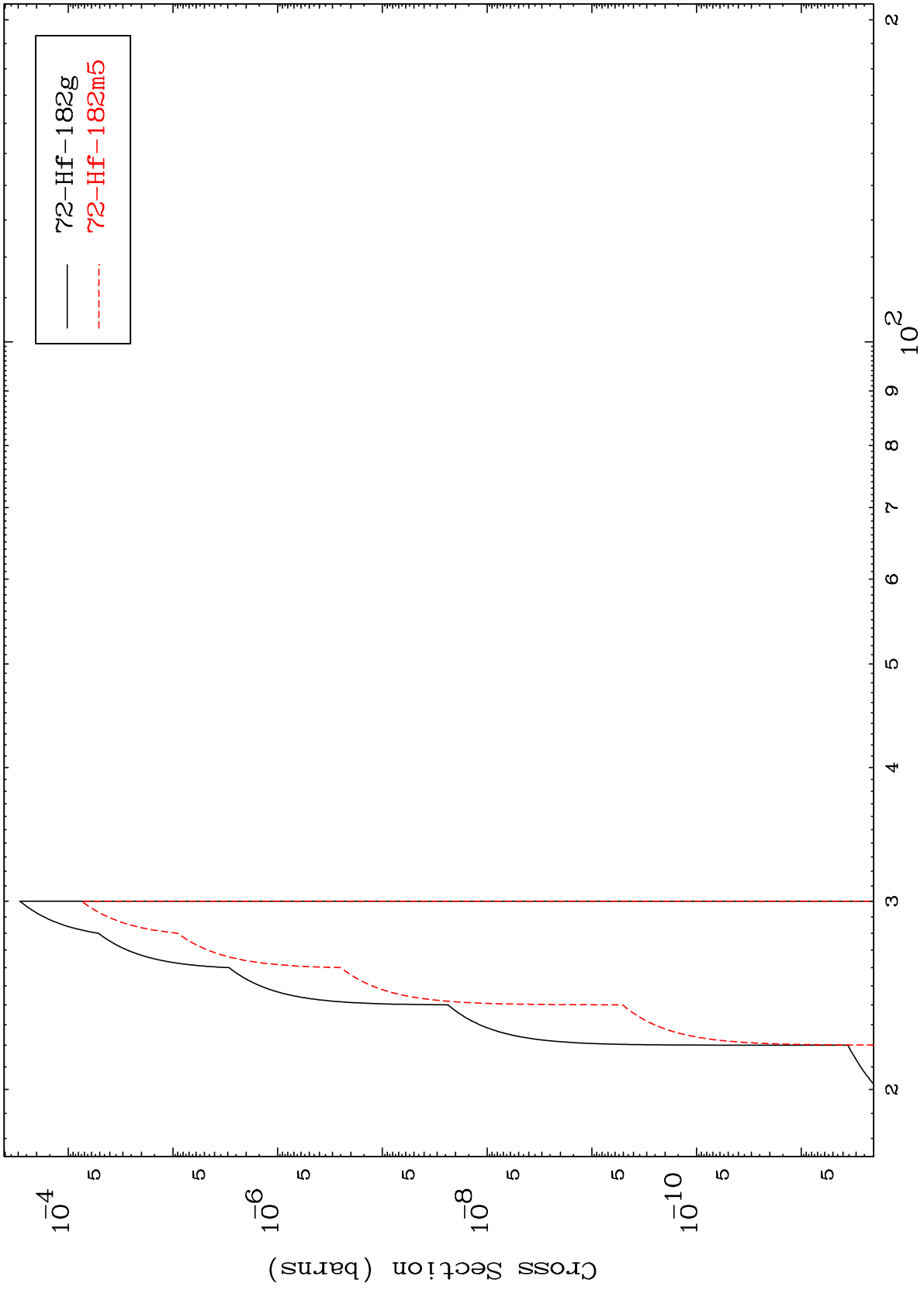
$^{71}\text{Lu-181}$

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(α, n') d

71-Lu-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

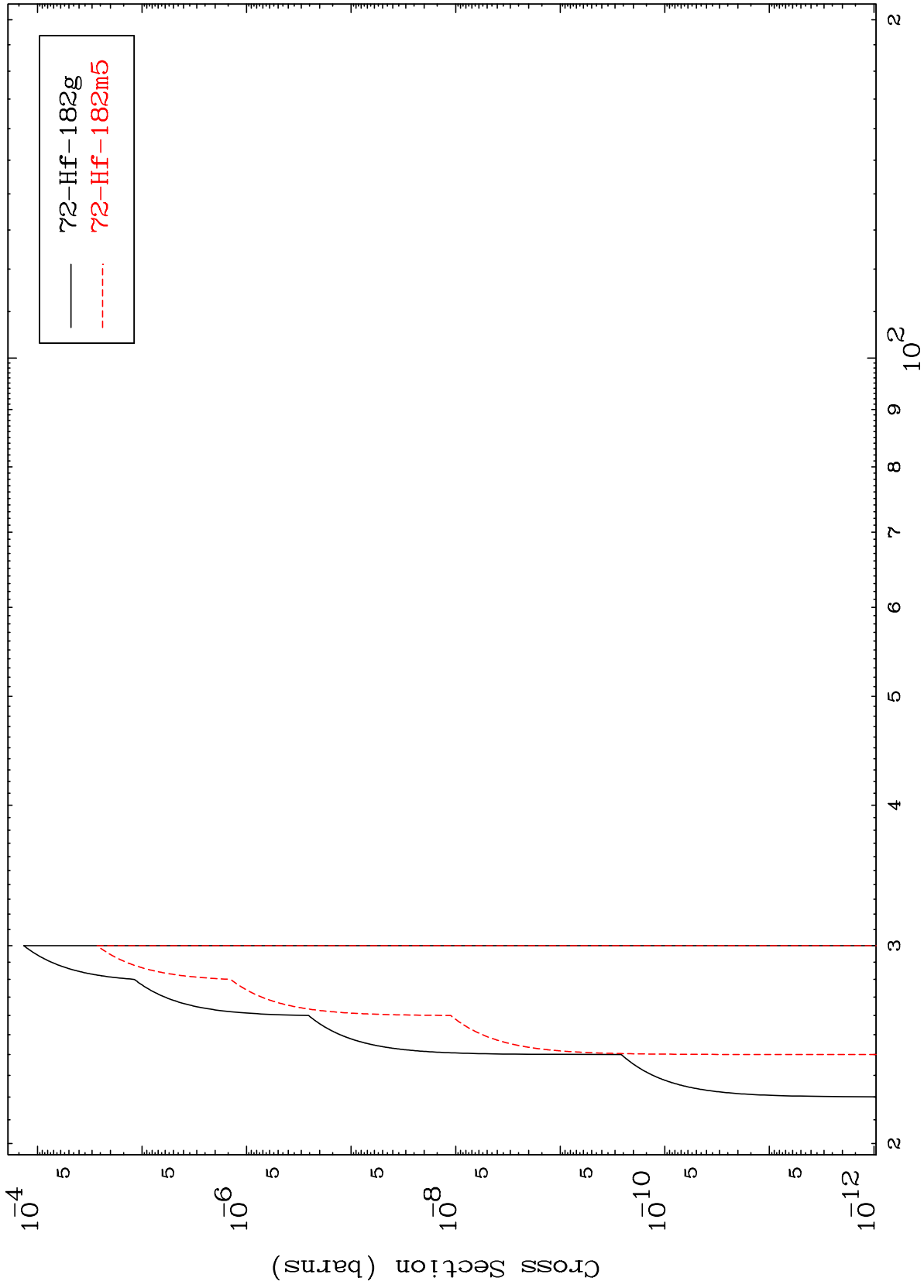
71-Lu-181

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($\alpha, 2n$) p

71-Lu-181

Radionuclide Production Cross Section



15

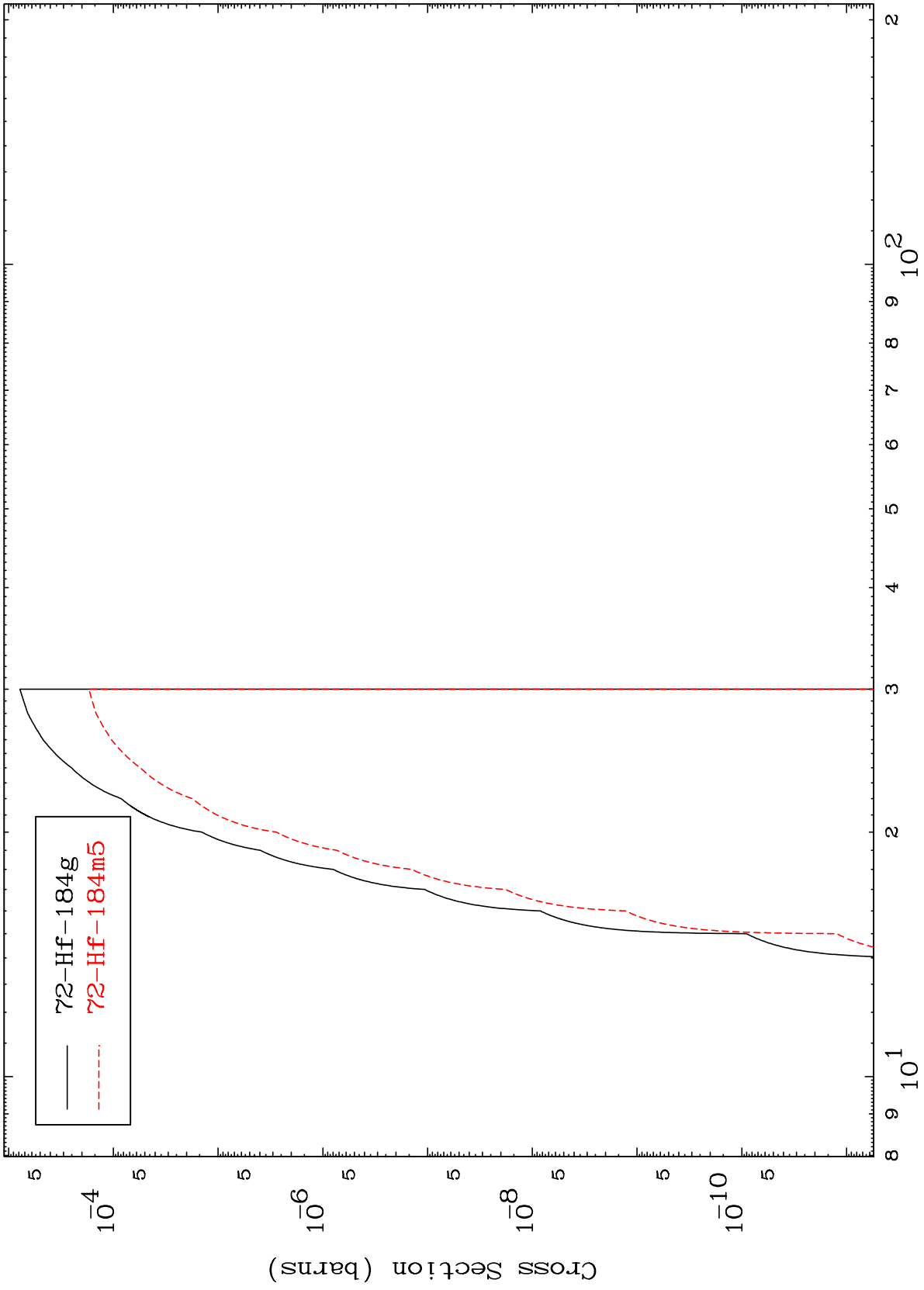
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

(α, p)
Radionuclide Production Cross Section



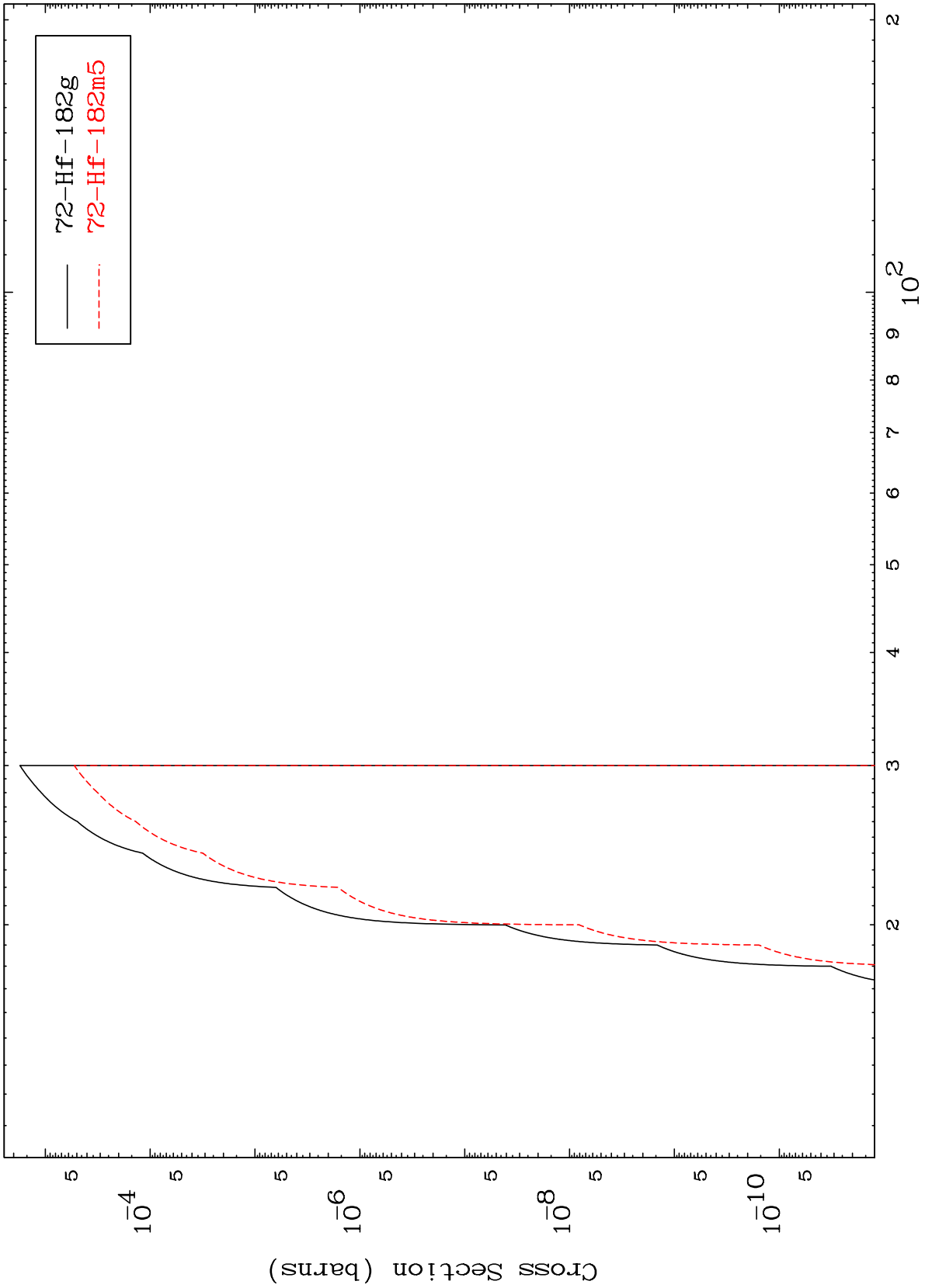
16

71-Lu-181

MAT 7143

71-Lu-181

(α, t)
Radionuclide Production Cross Section



17

71-Lu-181