

Program EVALPLOT
(Version 2018-1)

by

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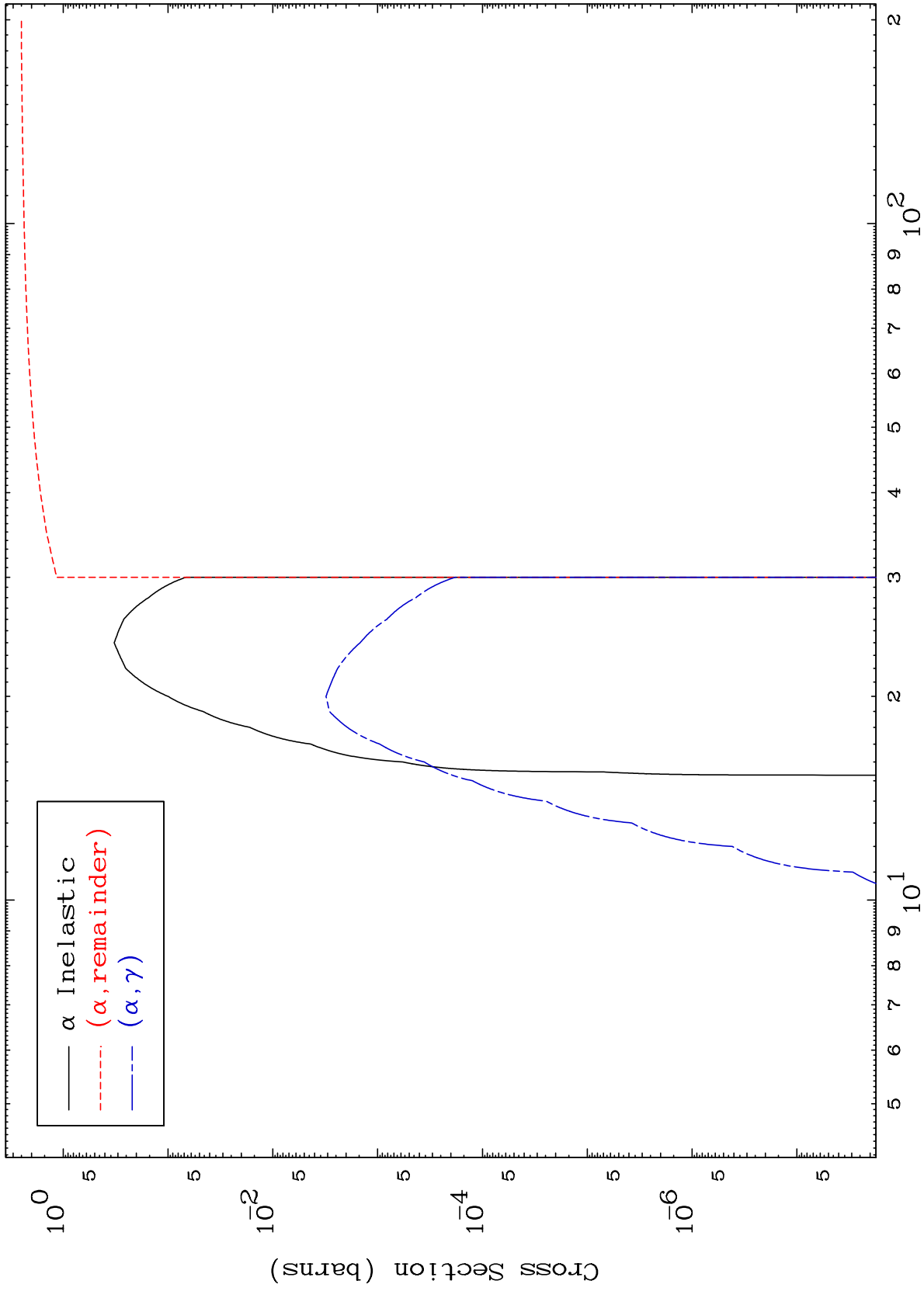
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7083

0 Kelvin α Major
Cross Sections

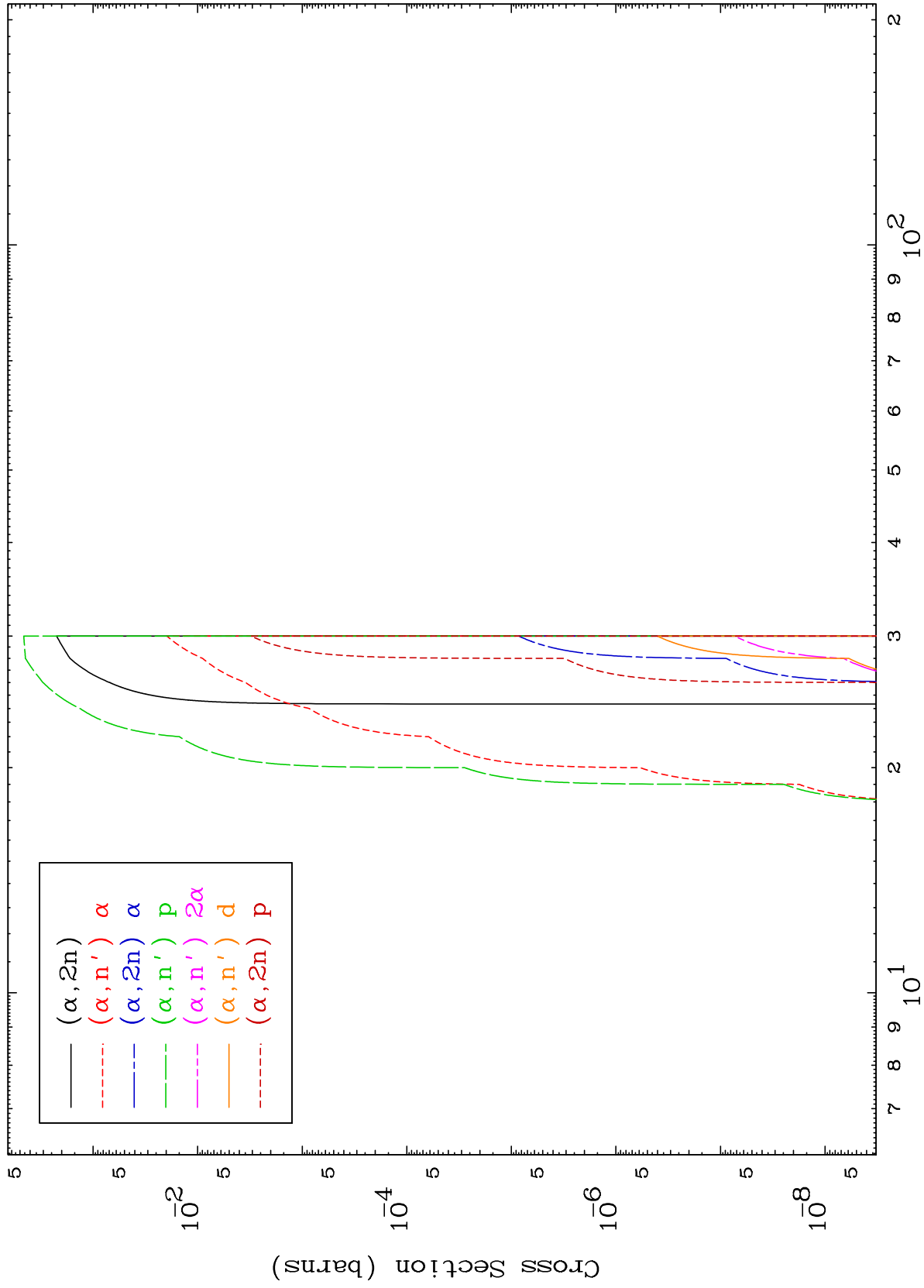
$^{71}\text{Lu-161}$



MAT 7083

α Neutron Production
0 Kelvin Cross Sections

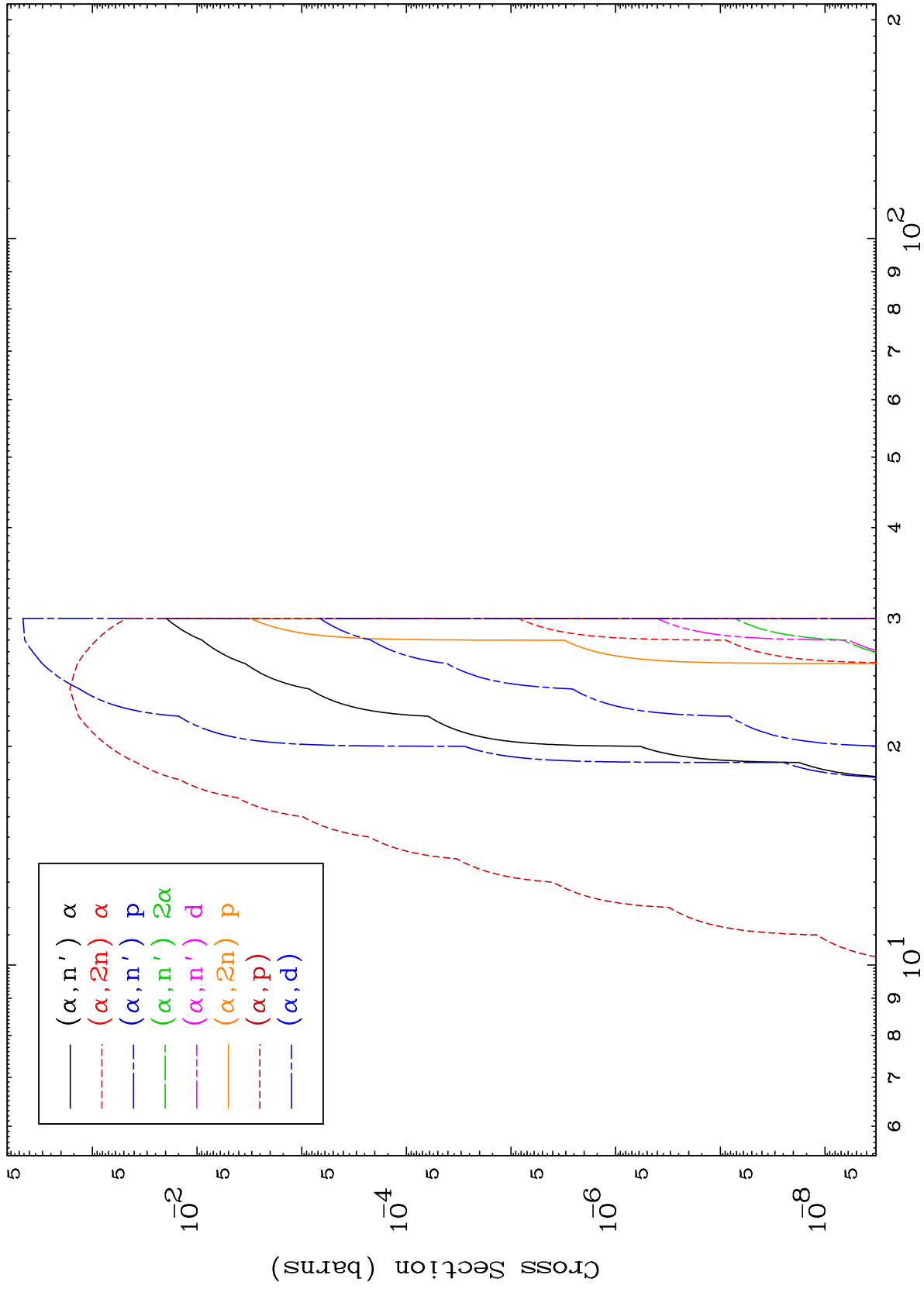
71-Lu-161



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Incident Energy (MeV)

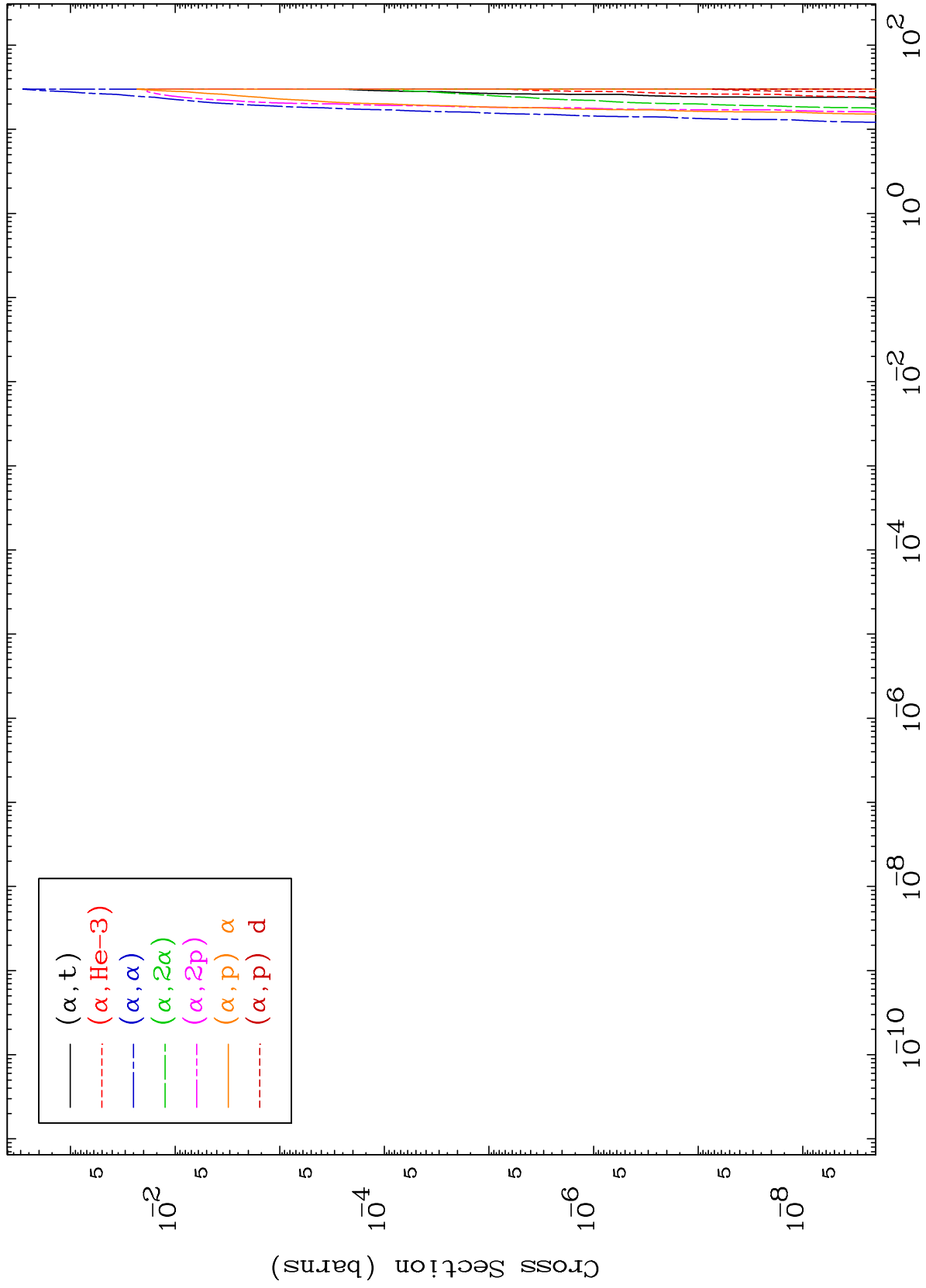
71-Lu-161



MAT 7083

α Charged Particle
0 Kelvin Cross Sections

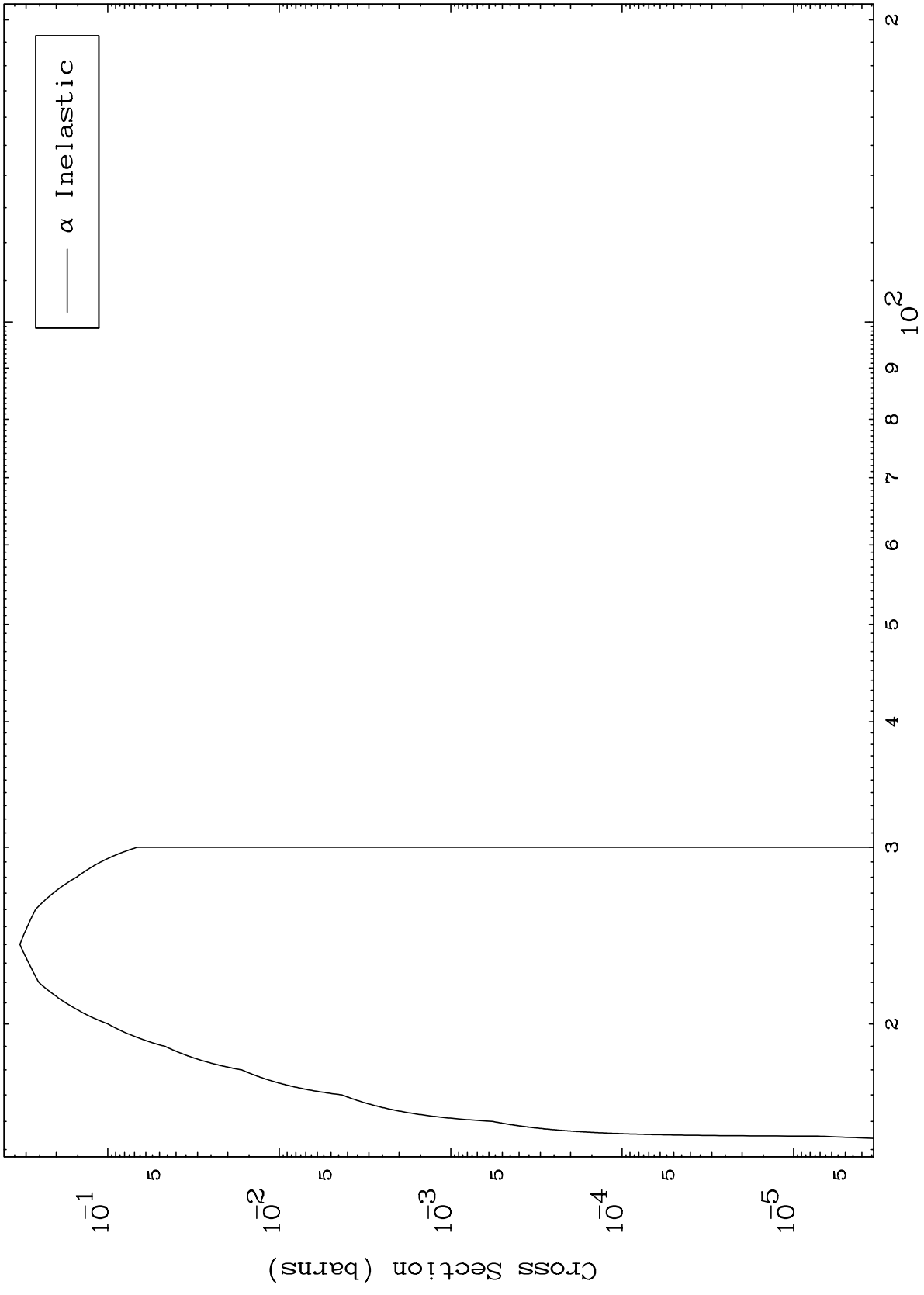
71-Lu-161



MAT 7083

(α, n') Level
0 Kelvin Cross Sections

71-Lu-161



5

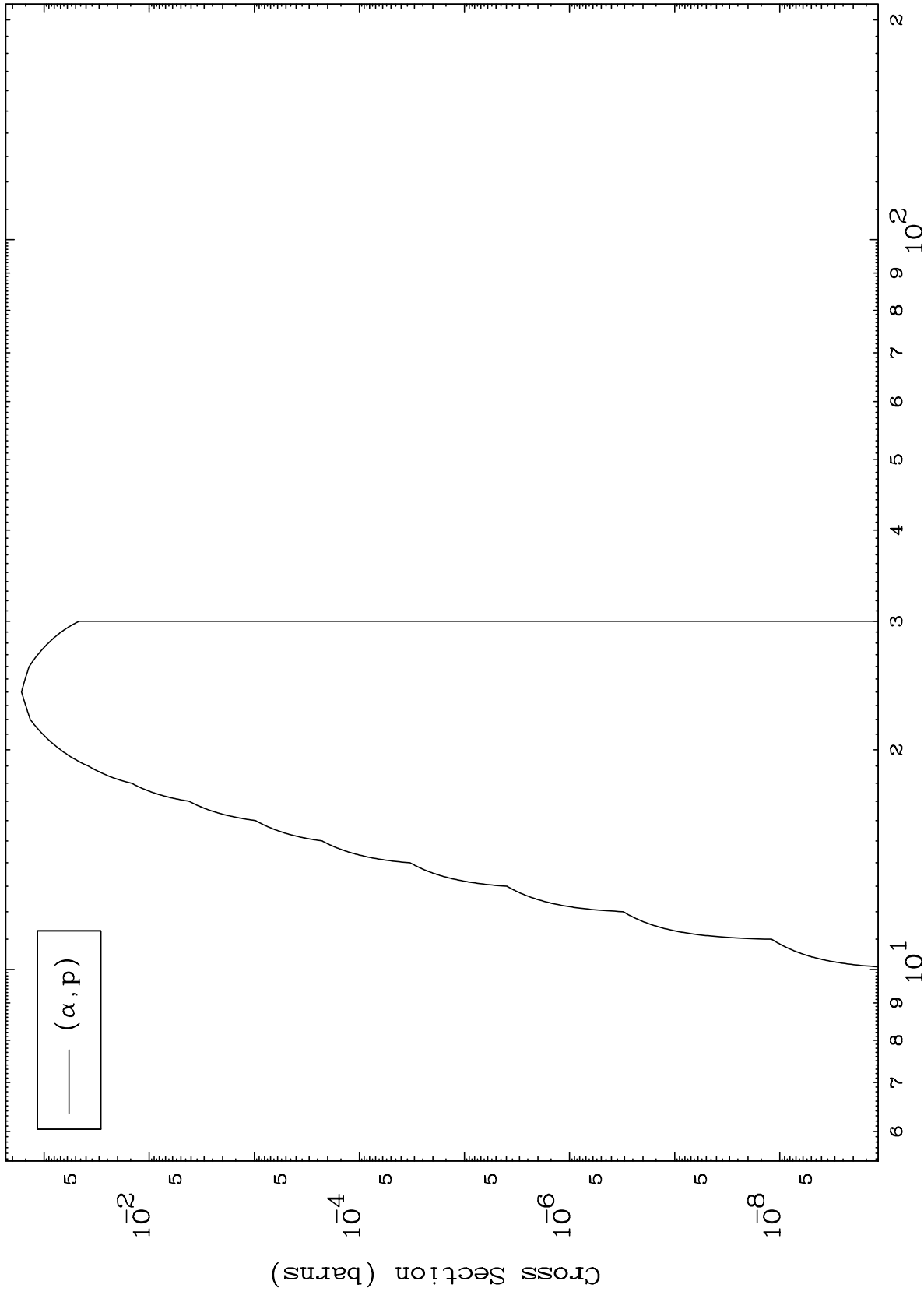
Incident Energy (MeV)

71-Lu-161

MAT 7083

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-161



6

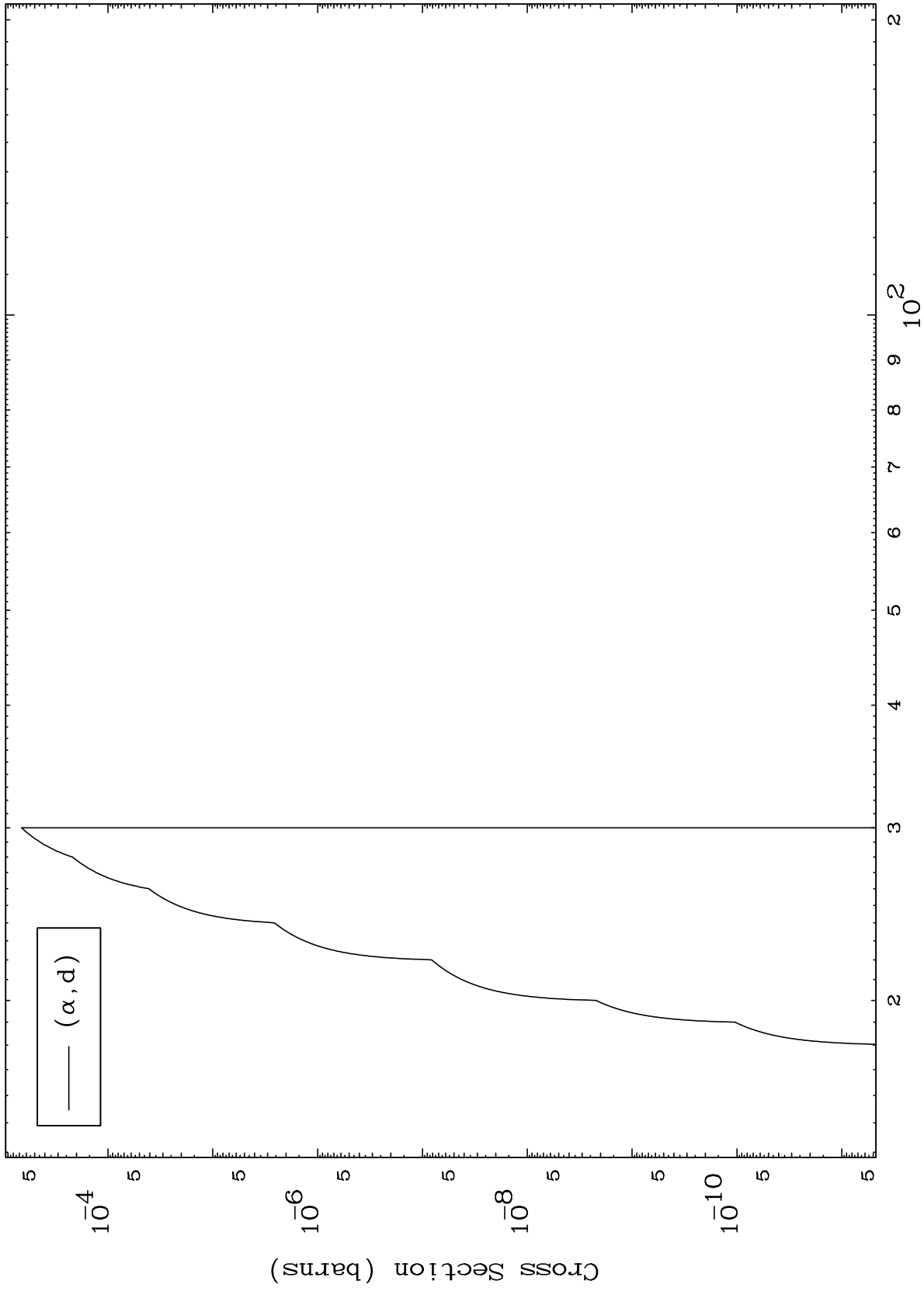
Incident Energy (MeV)

71-Lu-161

MAT 7083

(α, d) Levels
0 Kelvin Cross Sections

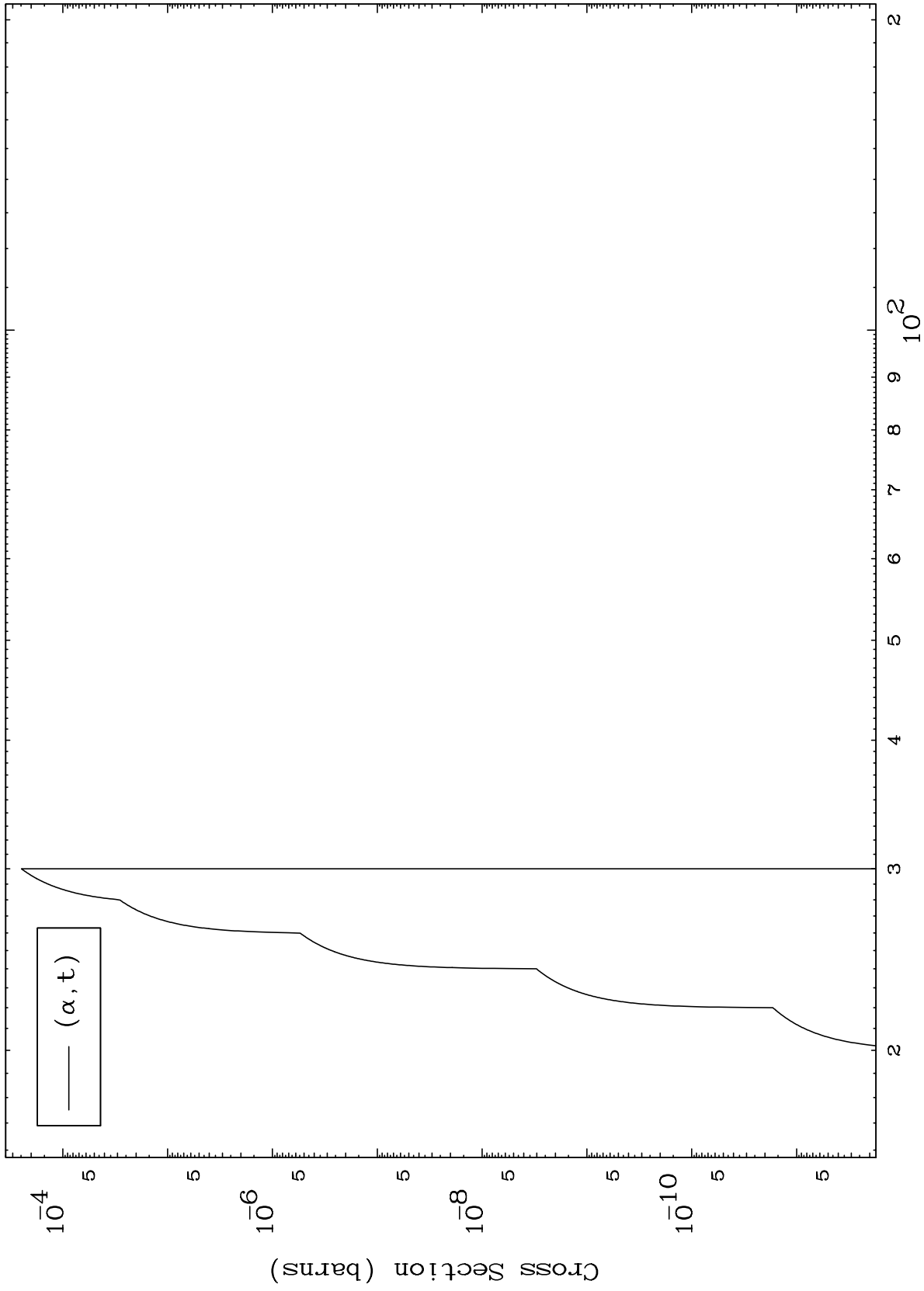
71-Lu-161

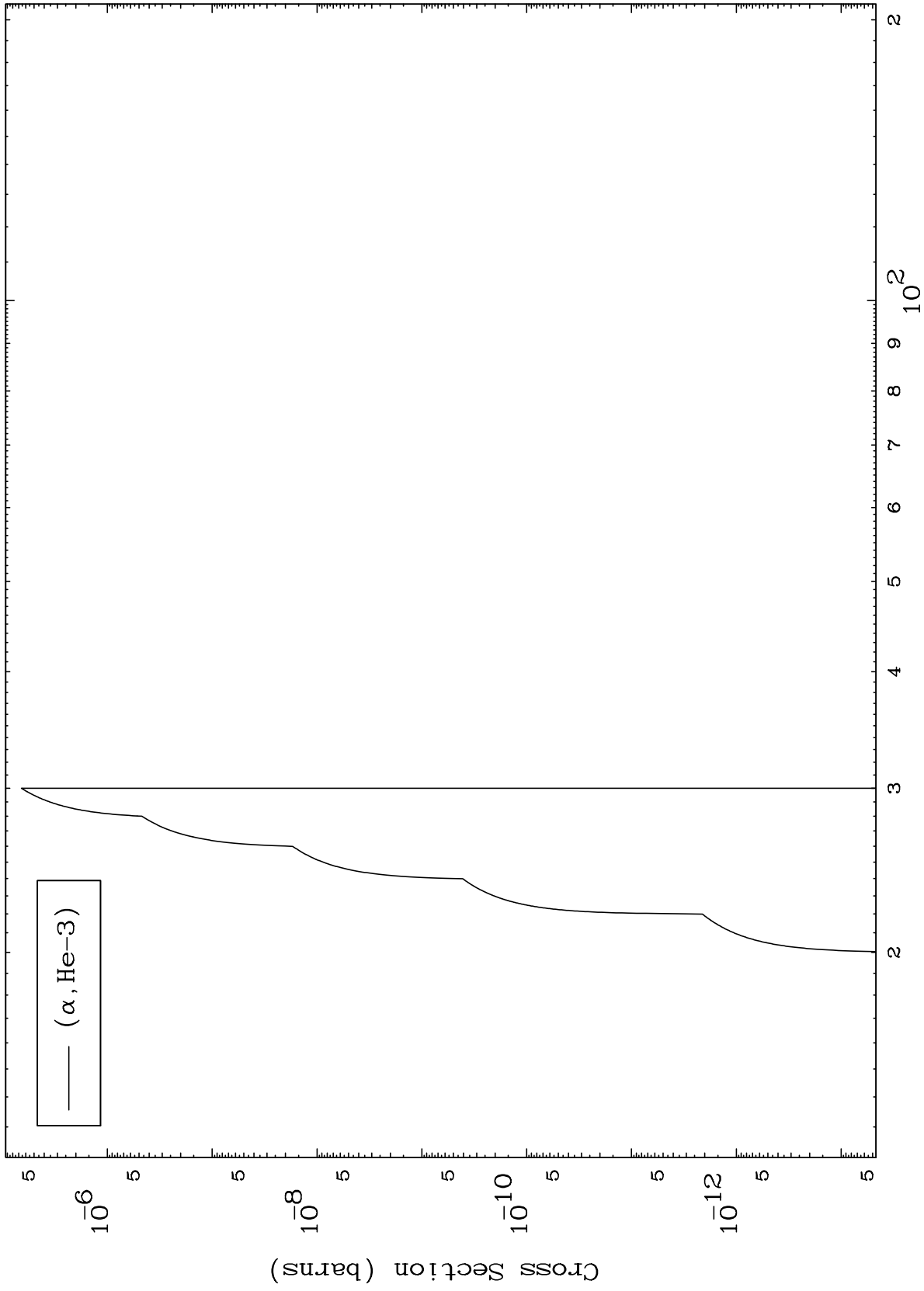


7

Incident Energy (MeV)

71-Lu-161

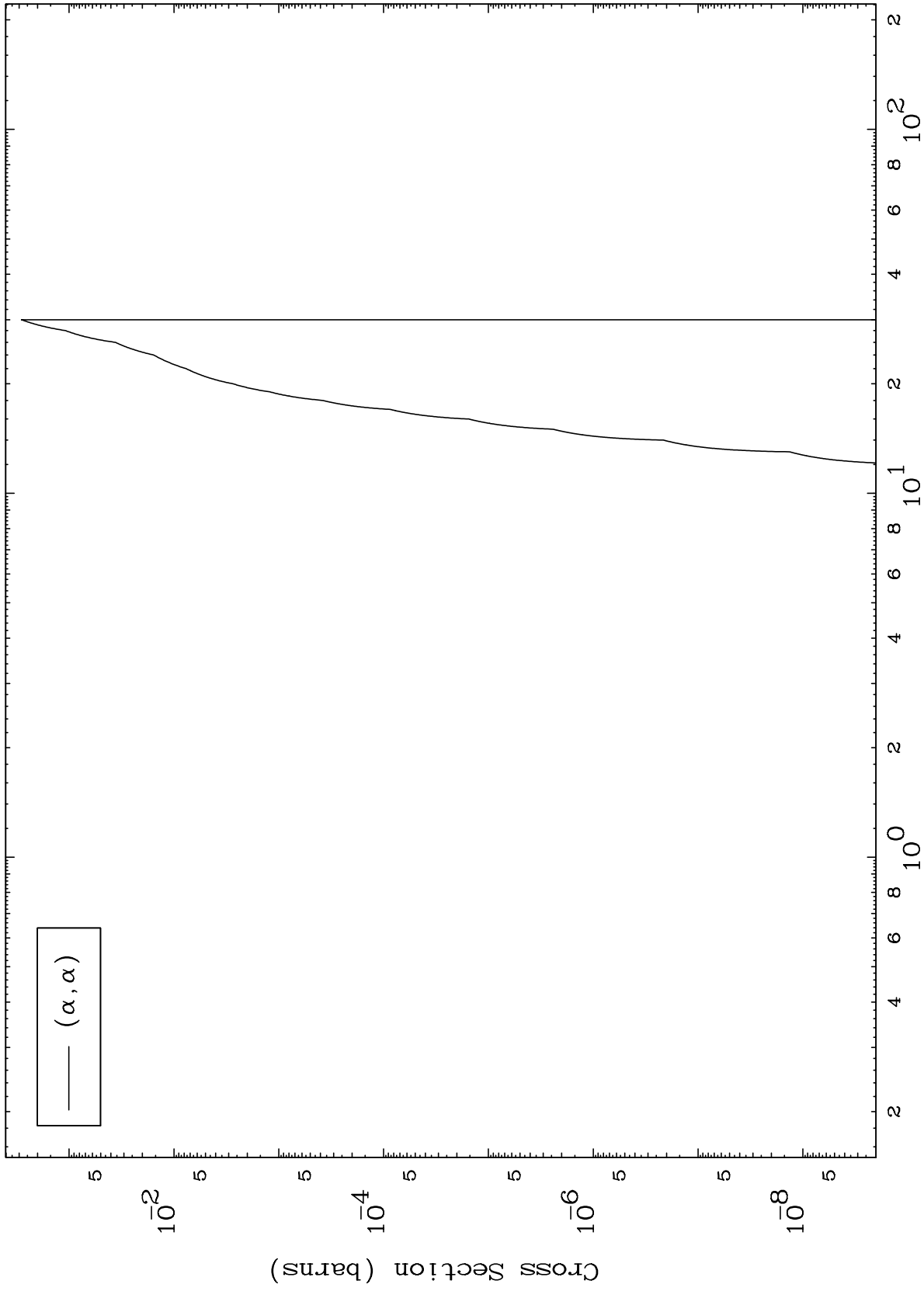




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(α, α) Levels
0 Kelvin Cross Sections

71-Lu-161



10

Incident Energy (MeV)

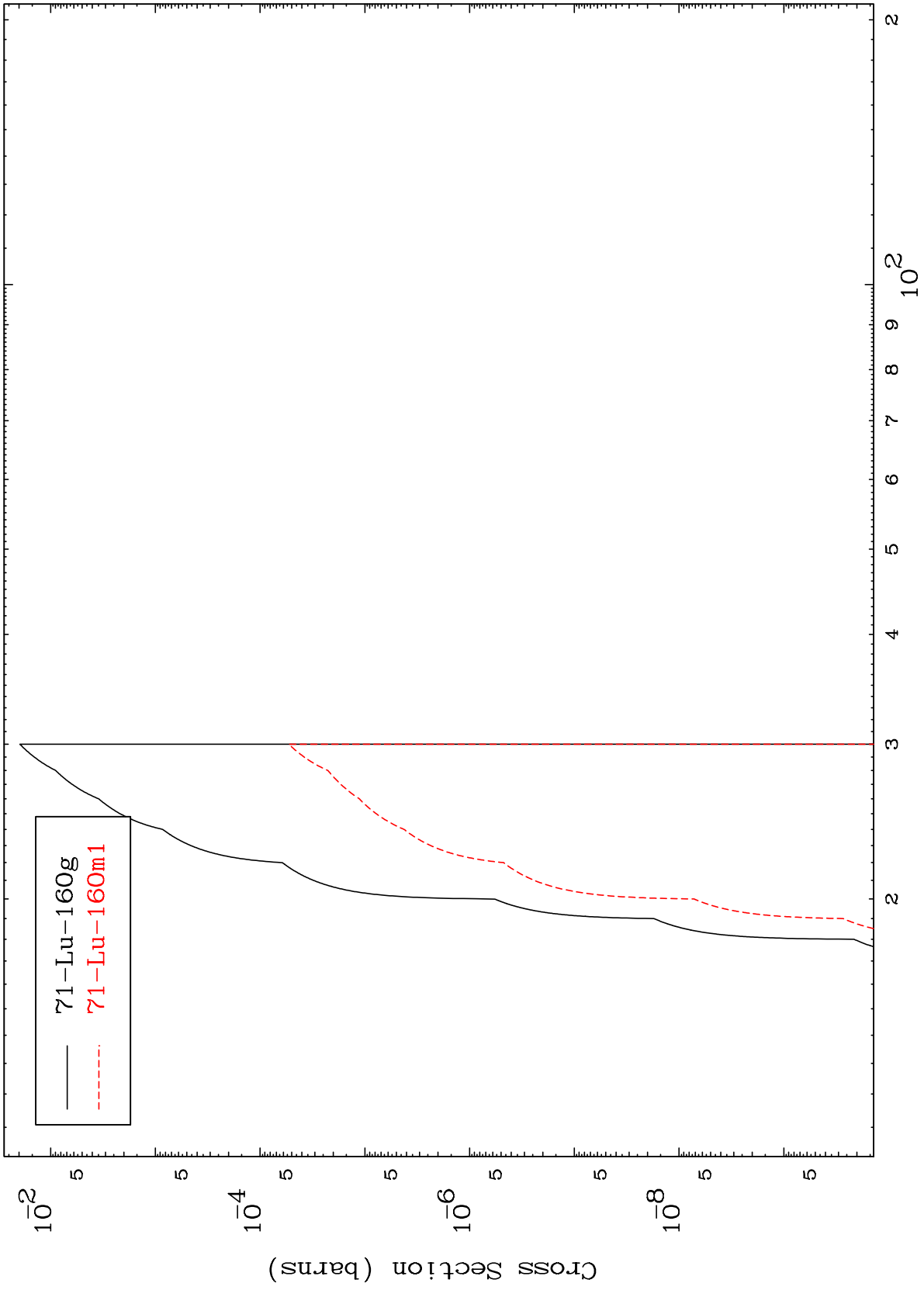
71-Lu-161

MAT 7083

(α, n') α

$^{71}\text{Lu-161}$

Radionuclide Production Cross Section

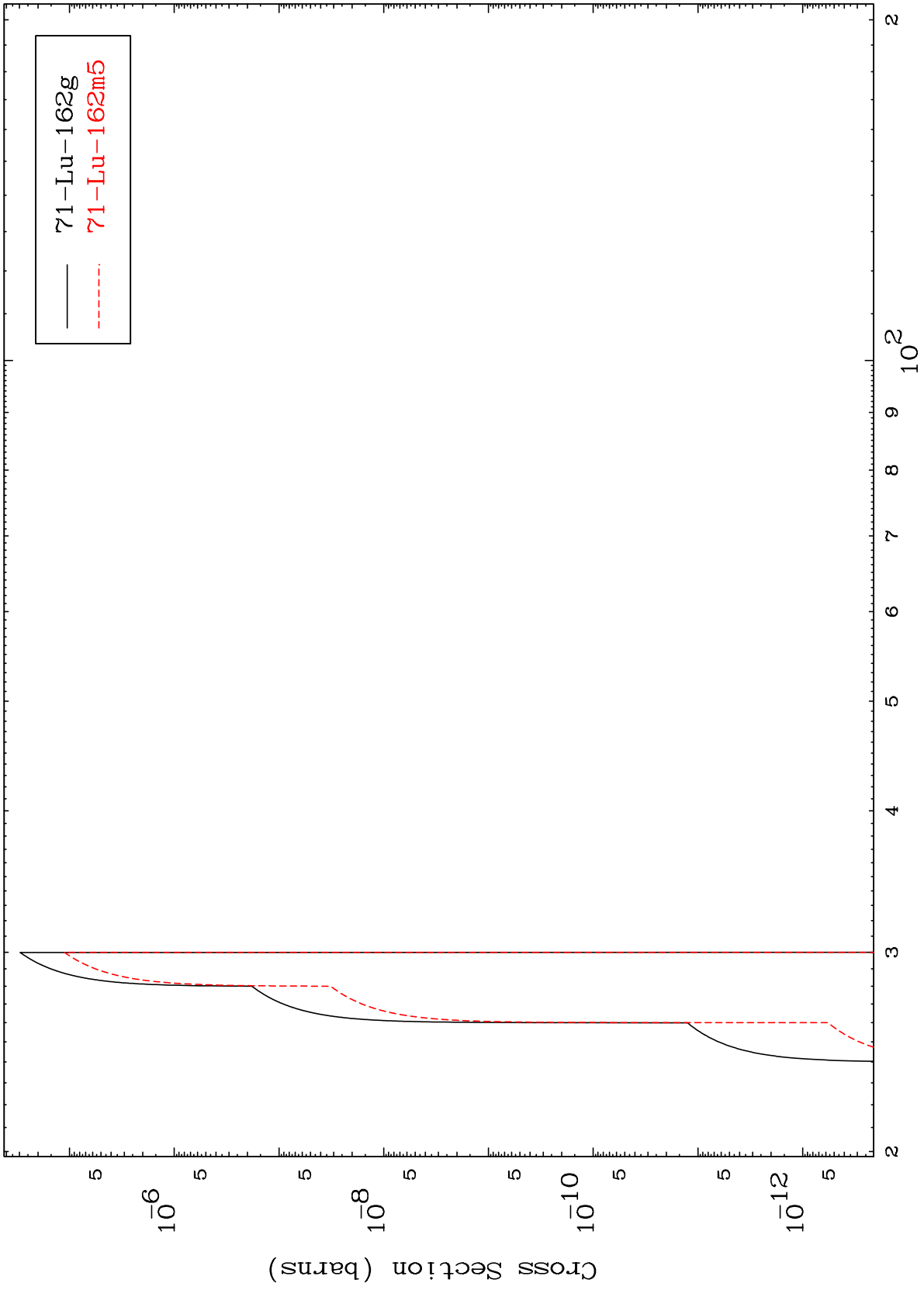


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($\alpha, 2n$) p

⁷¹Lu-161

Radionuclide Production Cross Section



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Incident Energy (MeV)

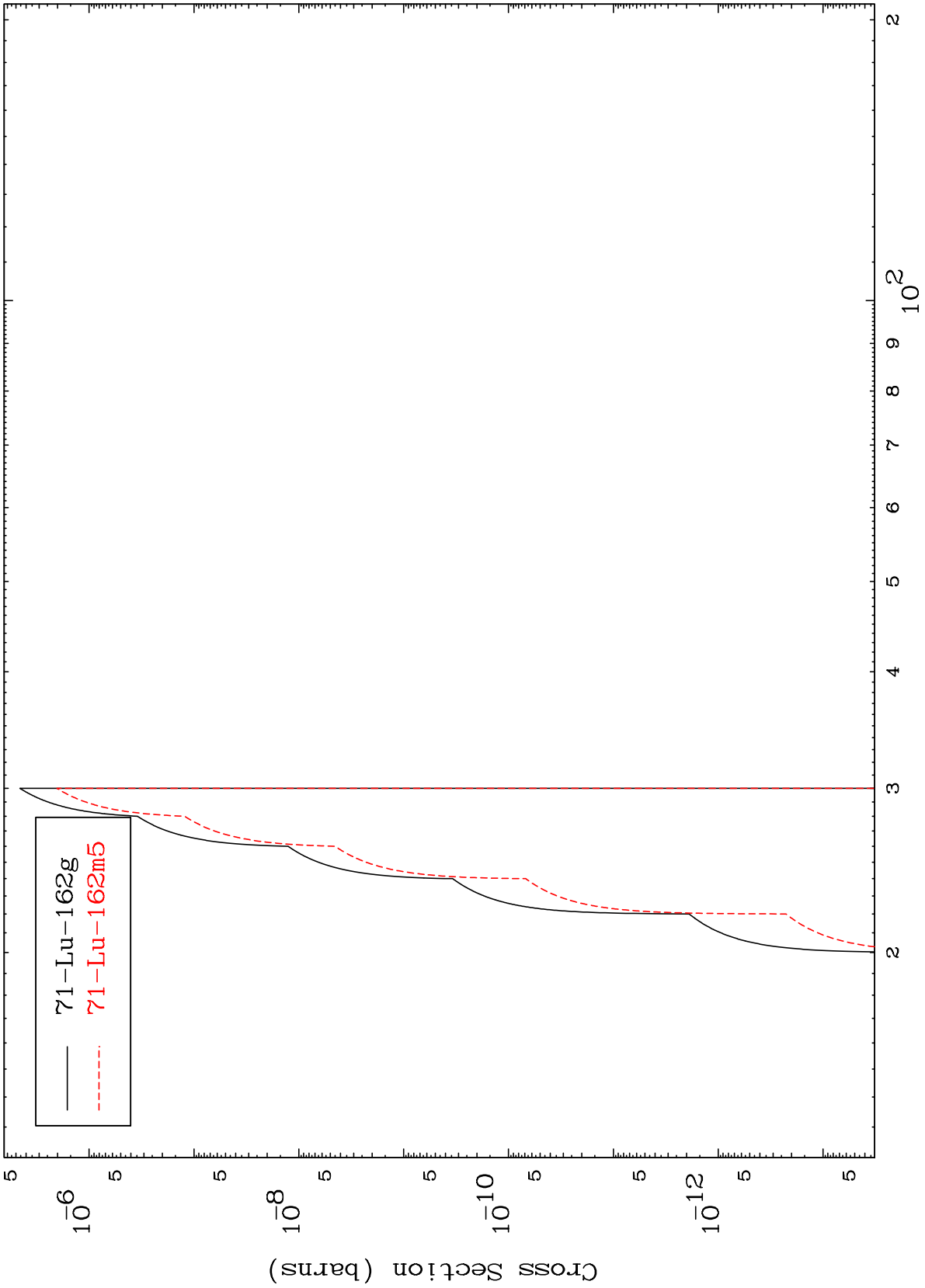
⁷¹Lu-161

MAT 7083

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

$^{71}\text{Lu-161}$

Radionuclide Production Cross Section

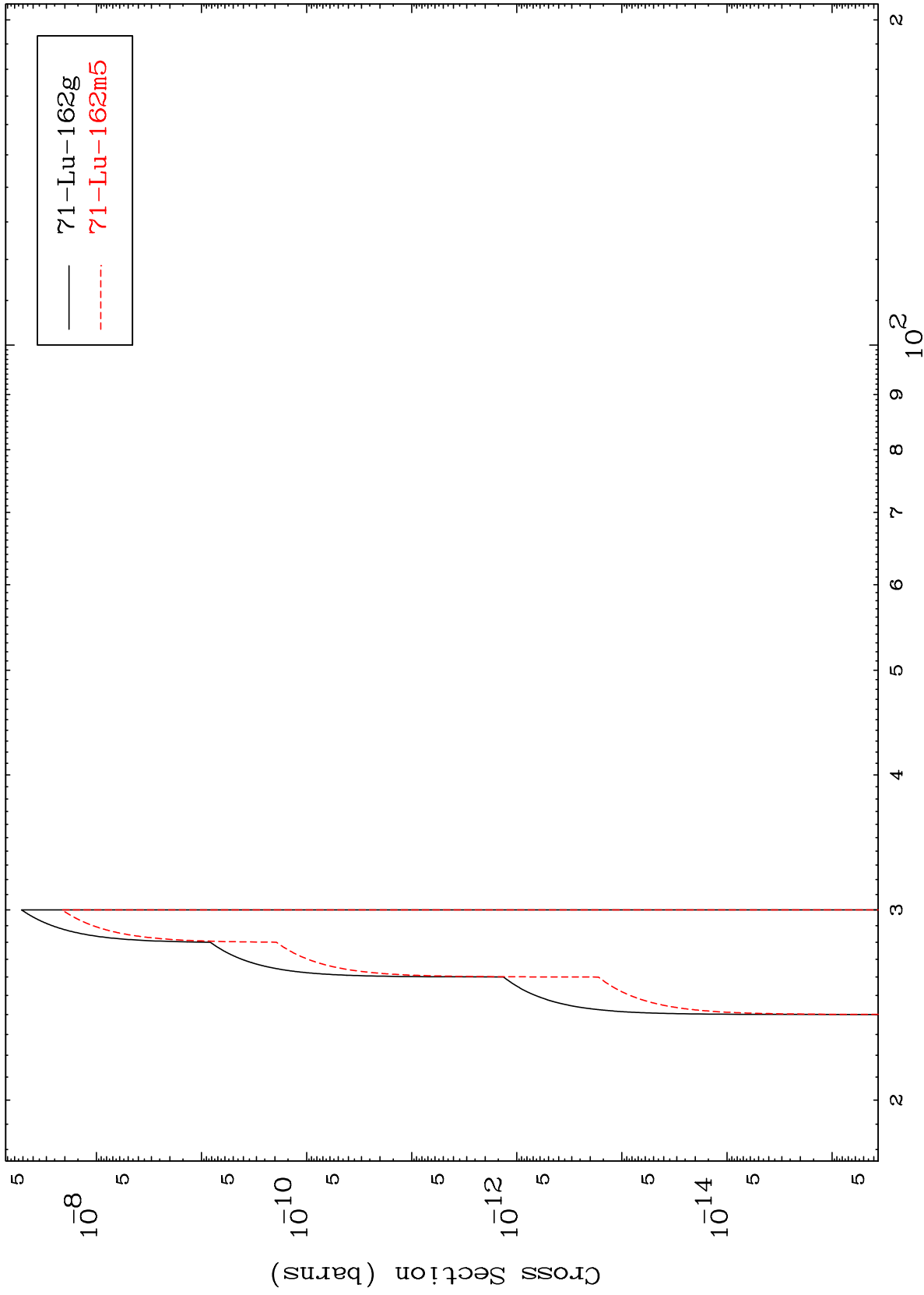


MAT 7083

(α, p) d

⁷¹Lu-161

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷¹Lu-161