

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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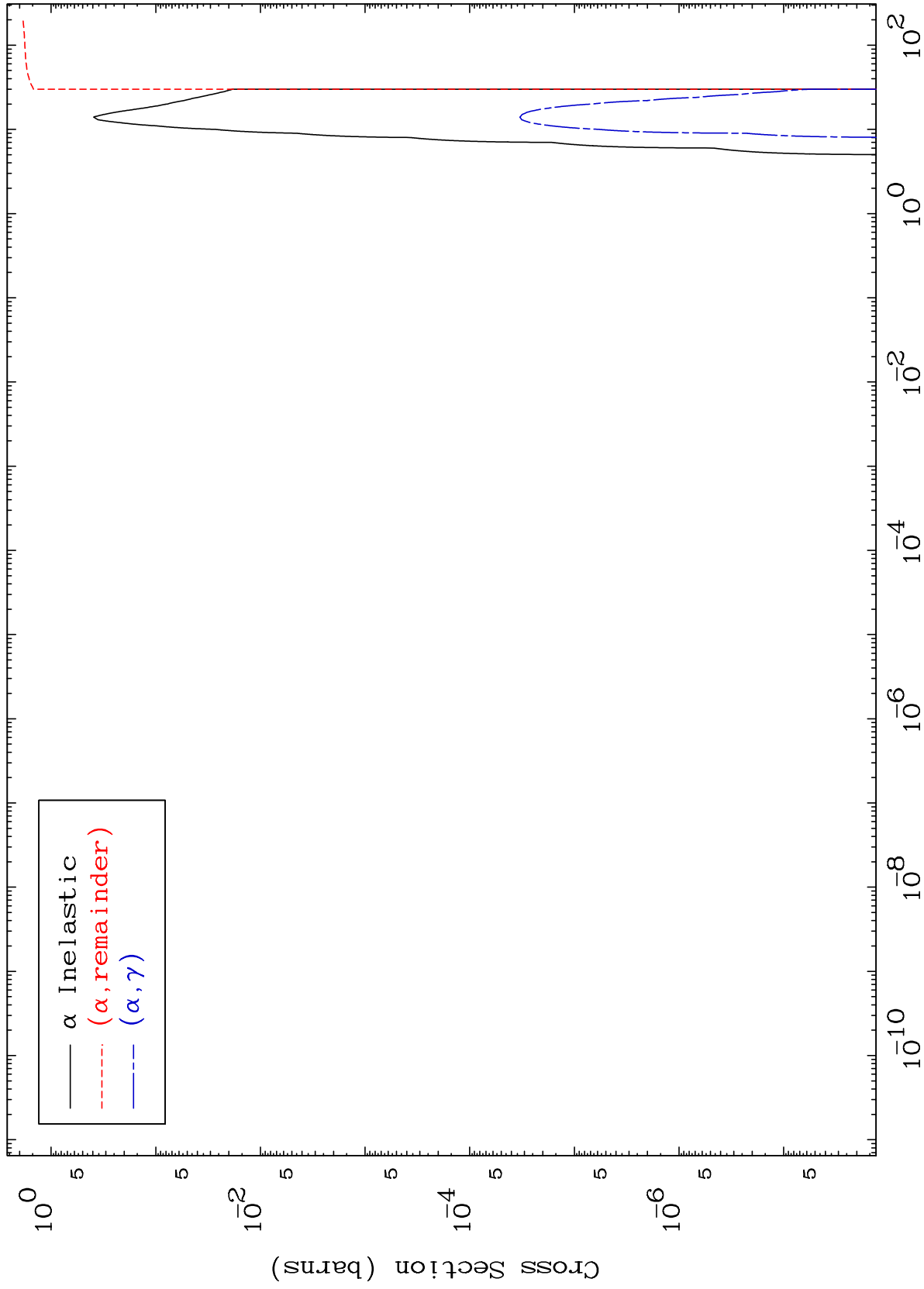
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3641

0 Kelvin α Major
Cross Sections

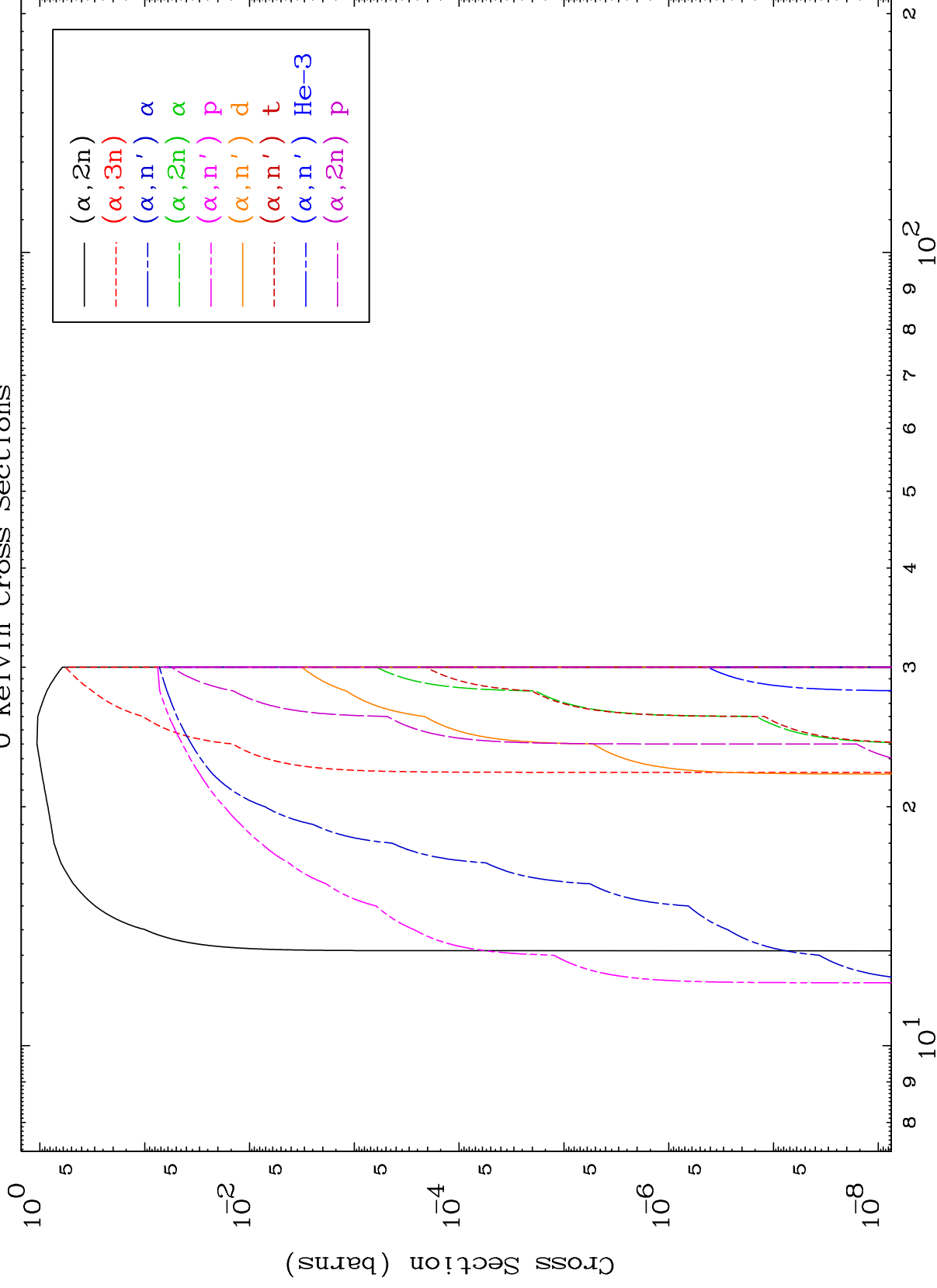
36-Kr-83



MAT 3641

α Neutron Production
0 Kelvin Cross Sections

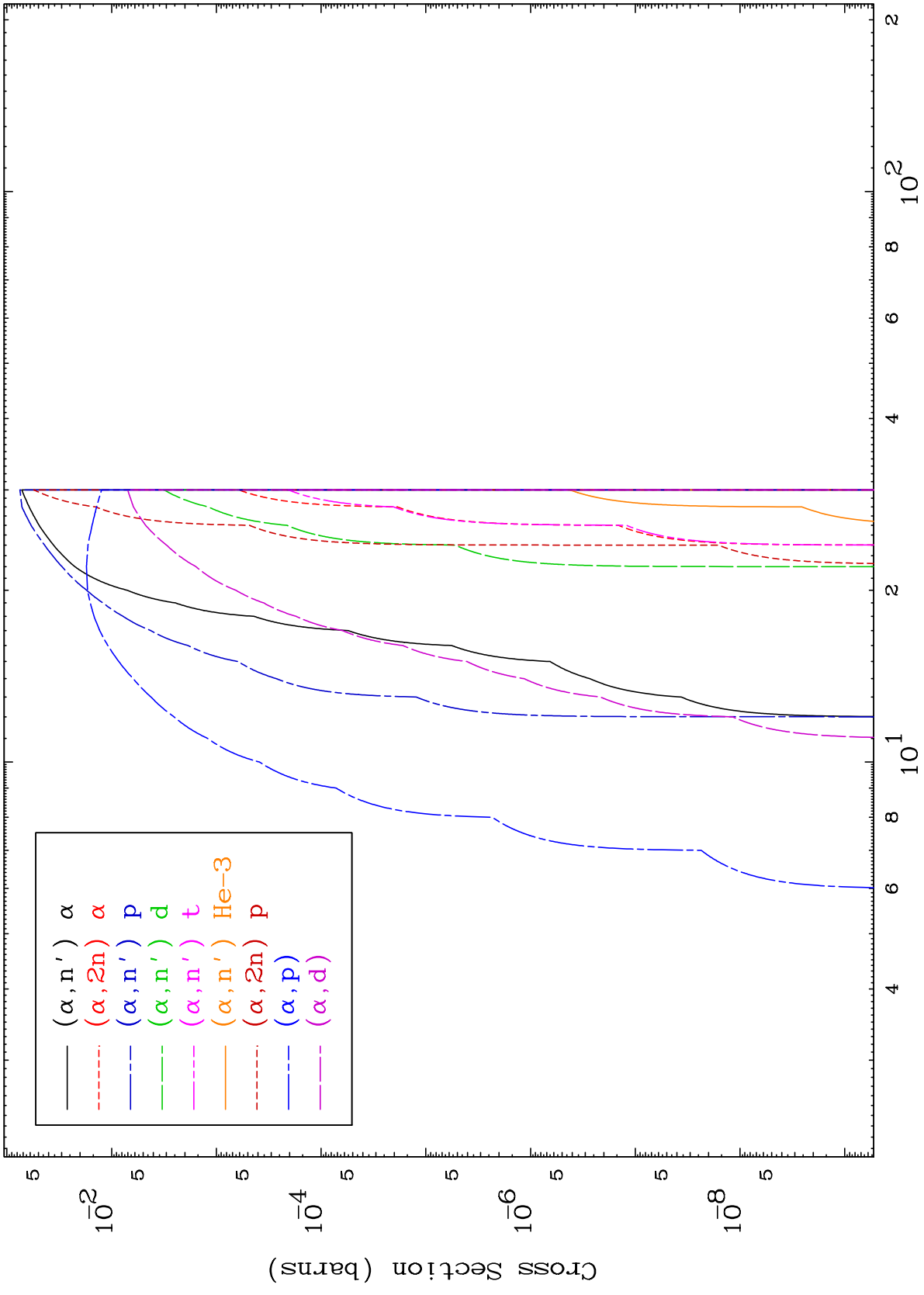
36-Kr-83



2

Incident Energy (MeV)

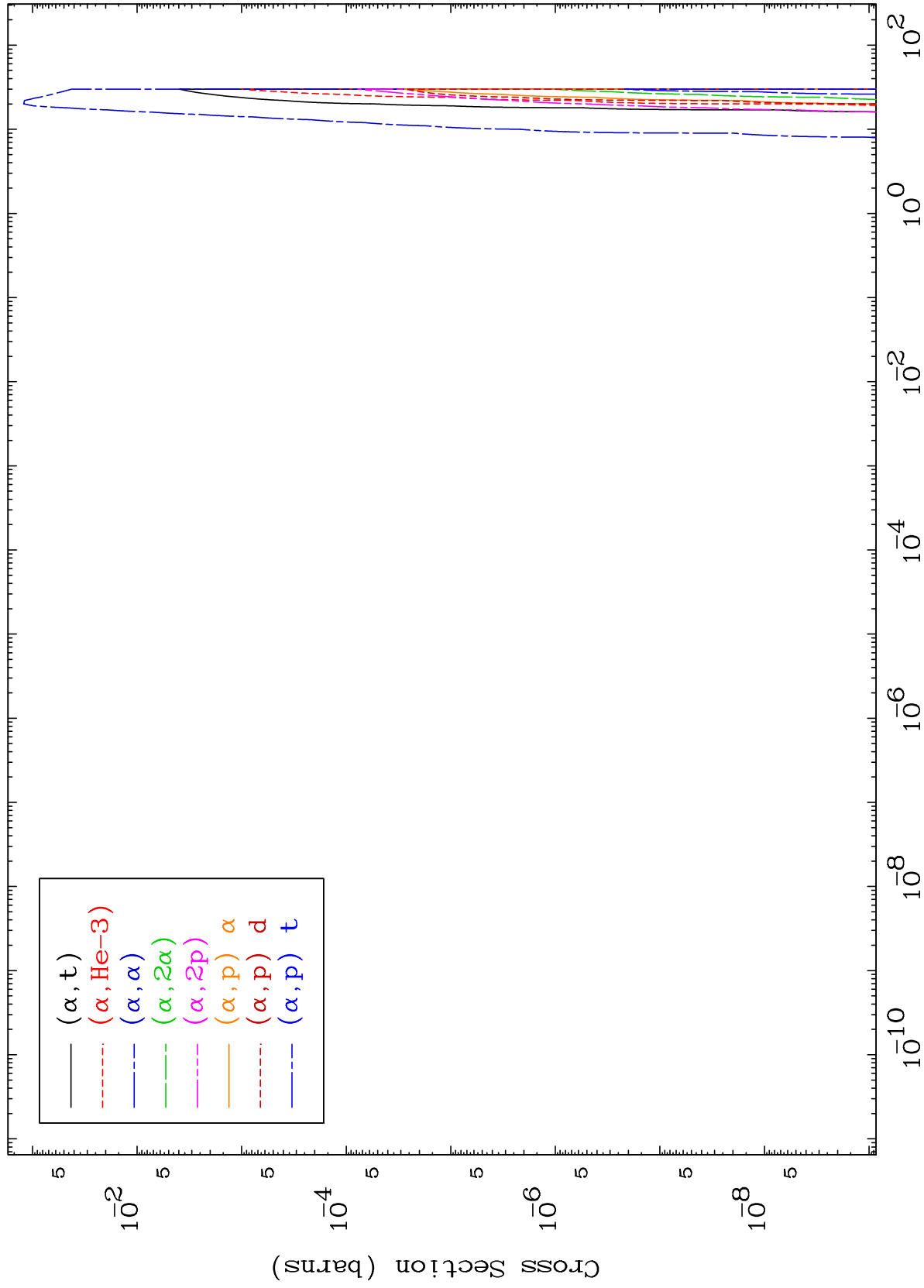
36-Kr-83



MAT 3641

α Charged Particle
0 Kelvin Cross Sections

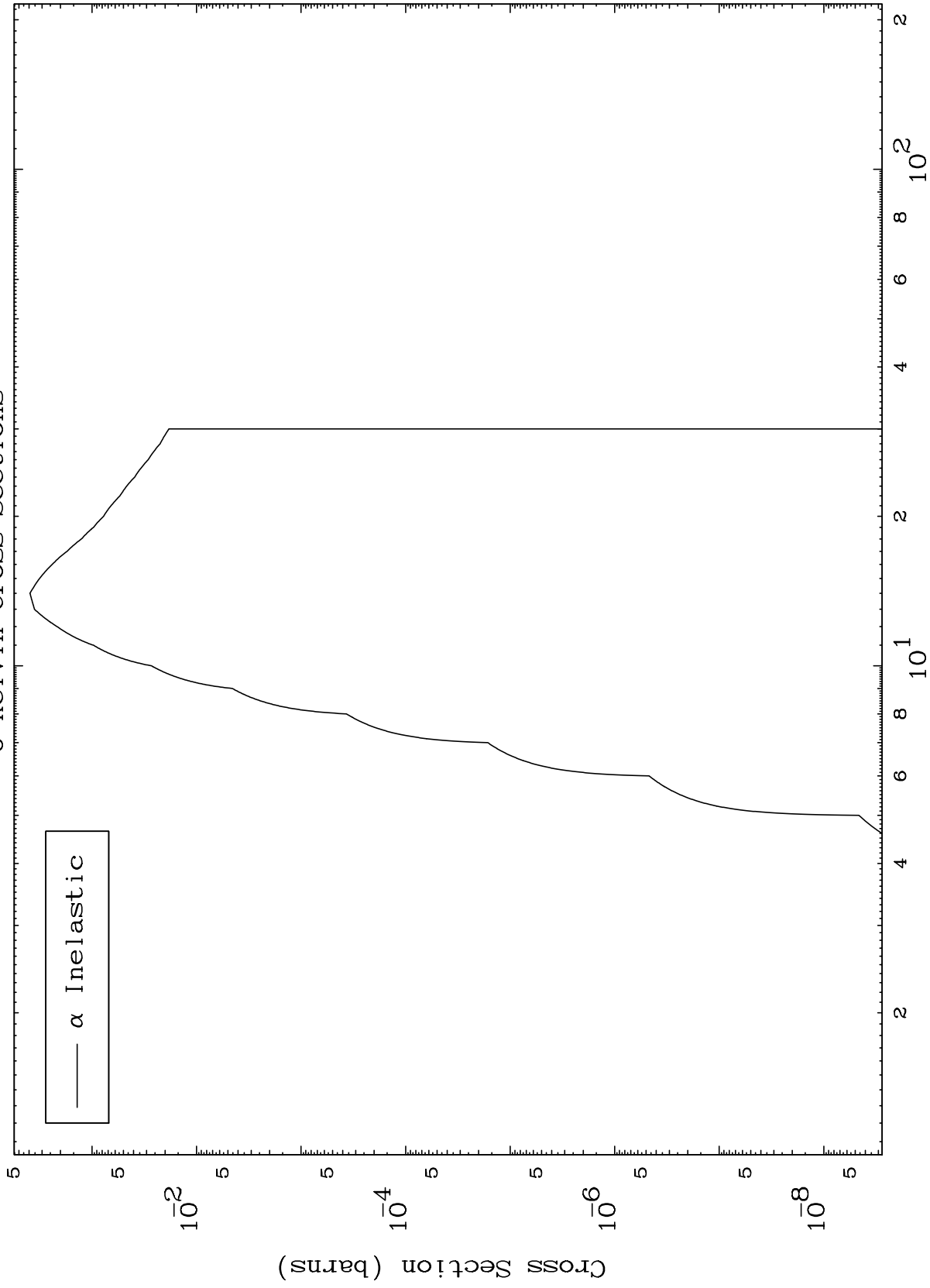
36-Kr-83



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36-Kr-83

(α, n') Level
0 Kelvin Cross Sections

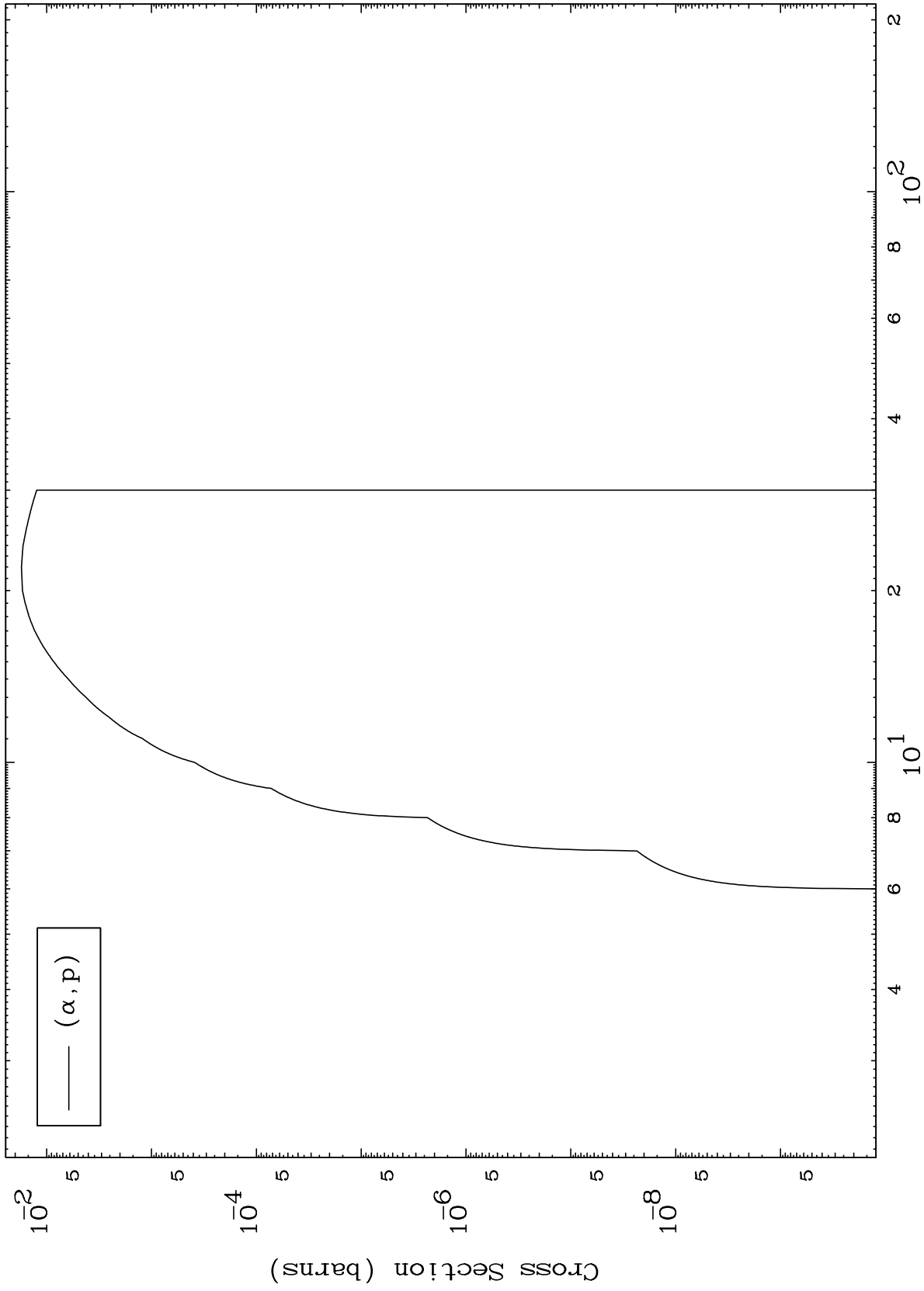


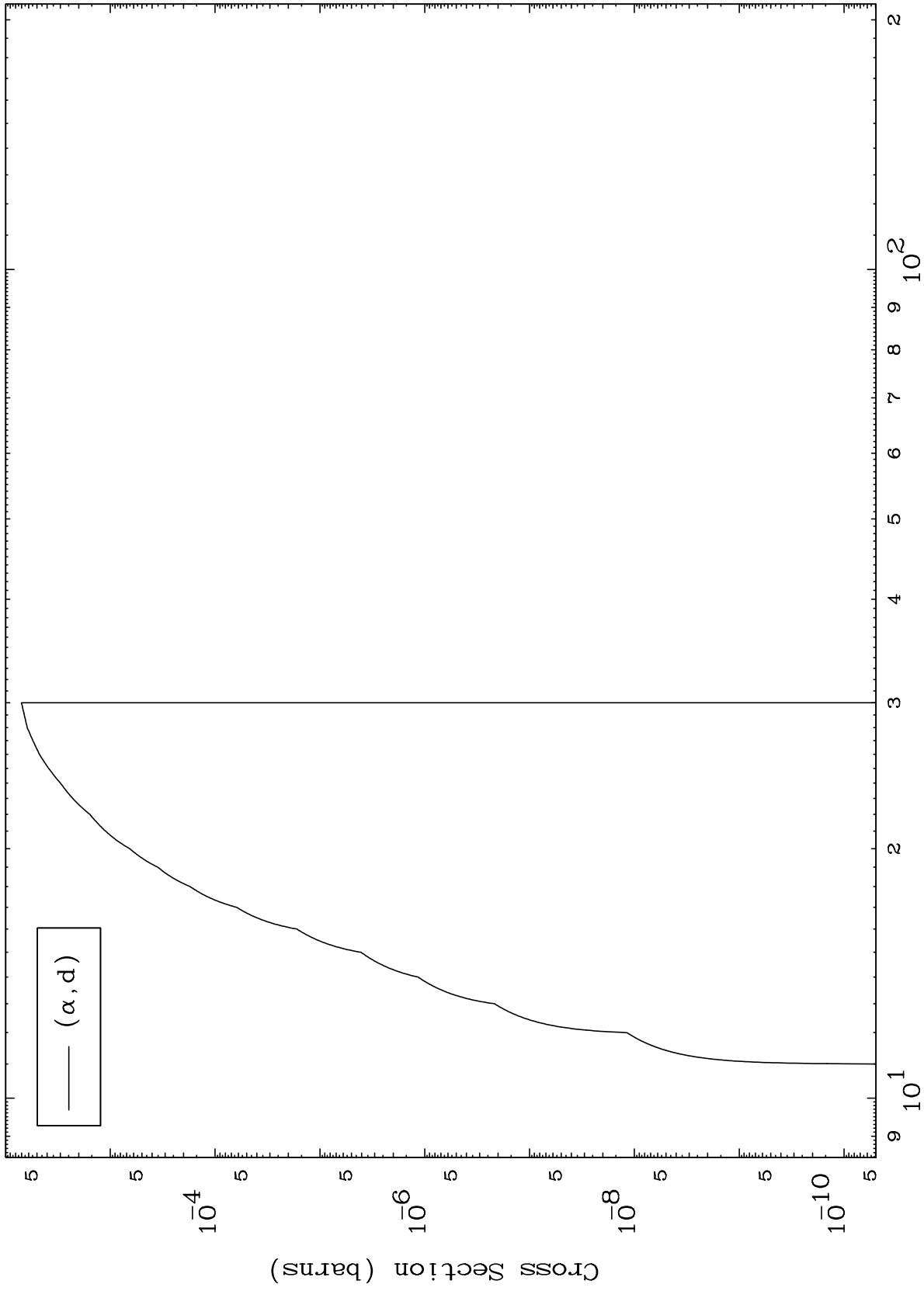
5

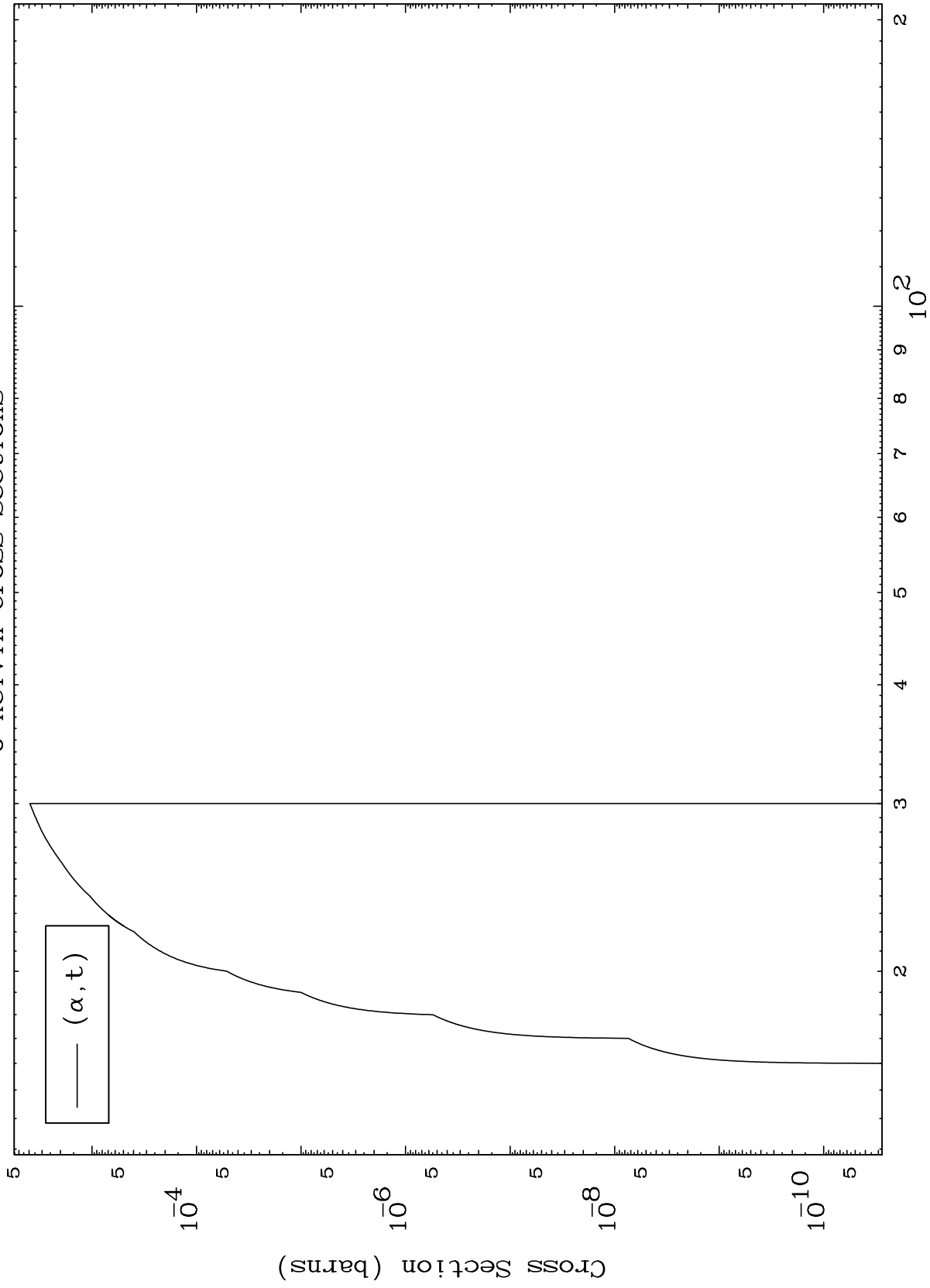
Incident Energy (MeV)

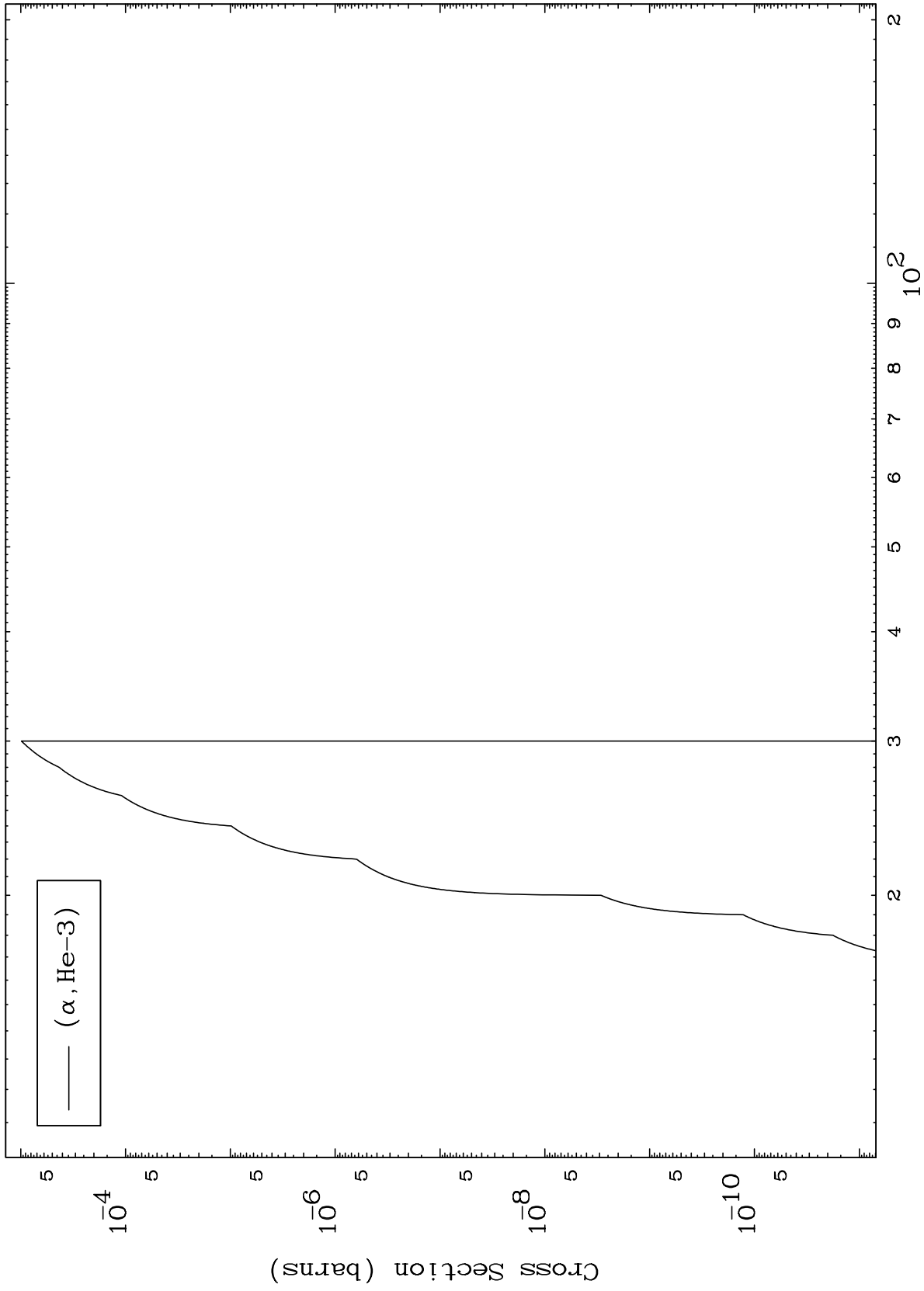
36-Kr-83

(α, p) Levels
0 Kelvin Cross Sections





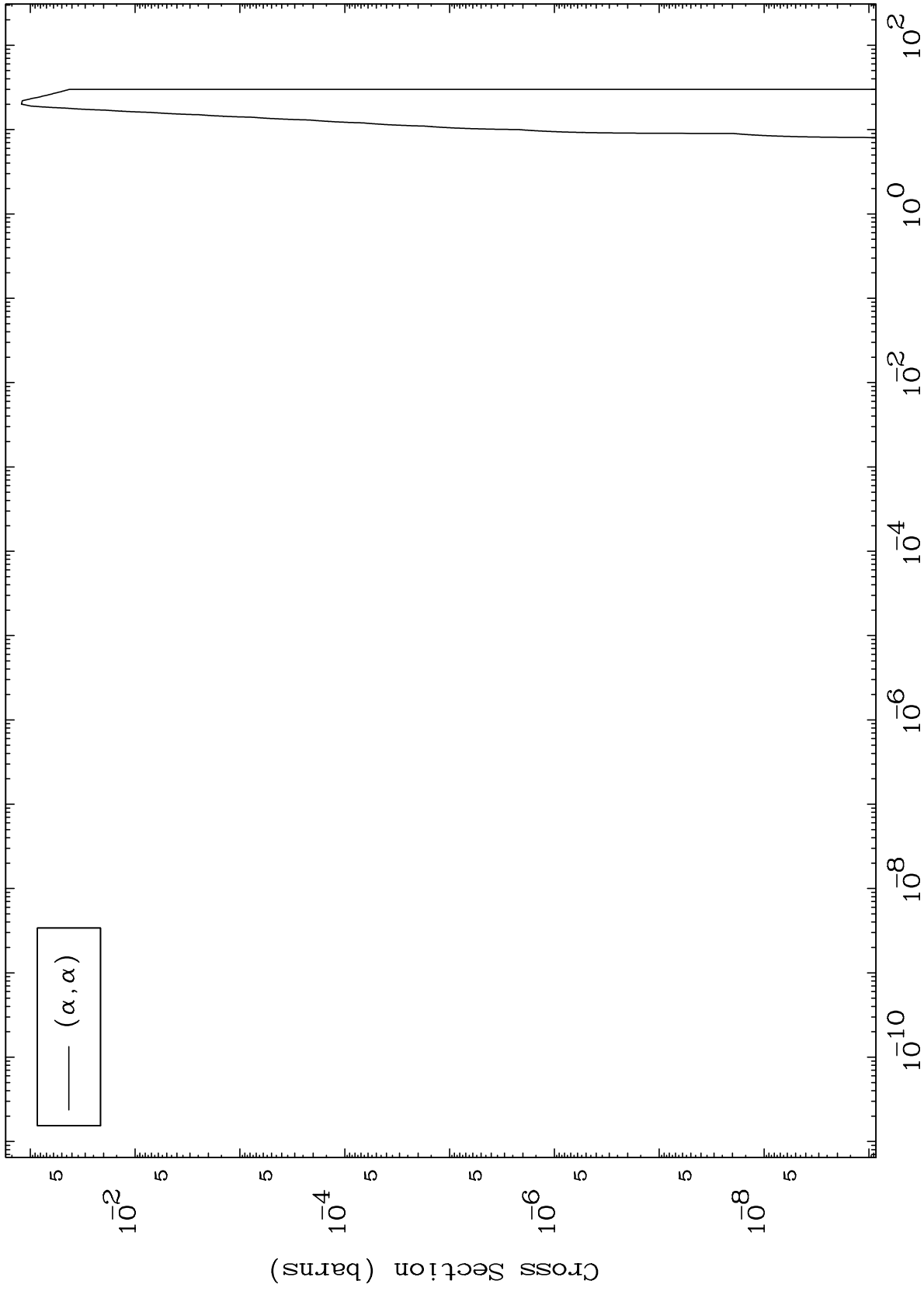




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(α, α) Levels
0 Kelvin Cross Sections

36-Kr-83

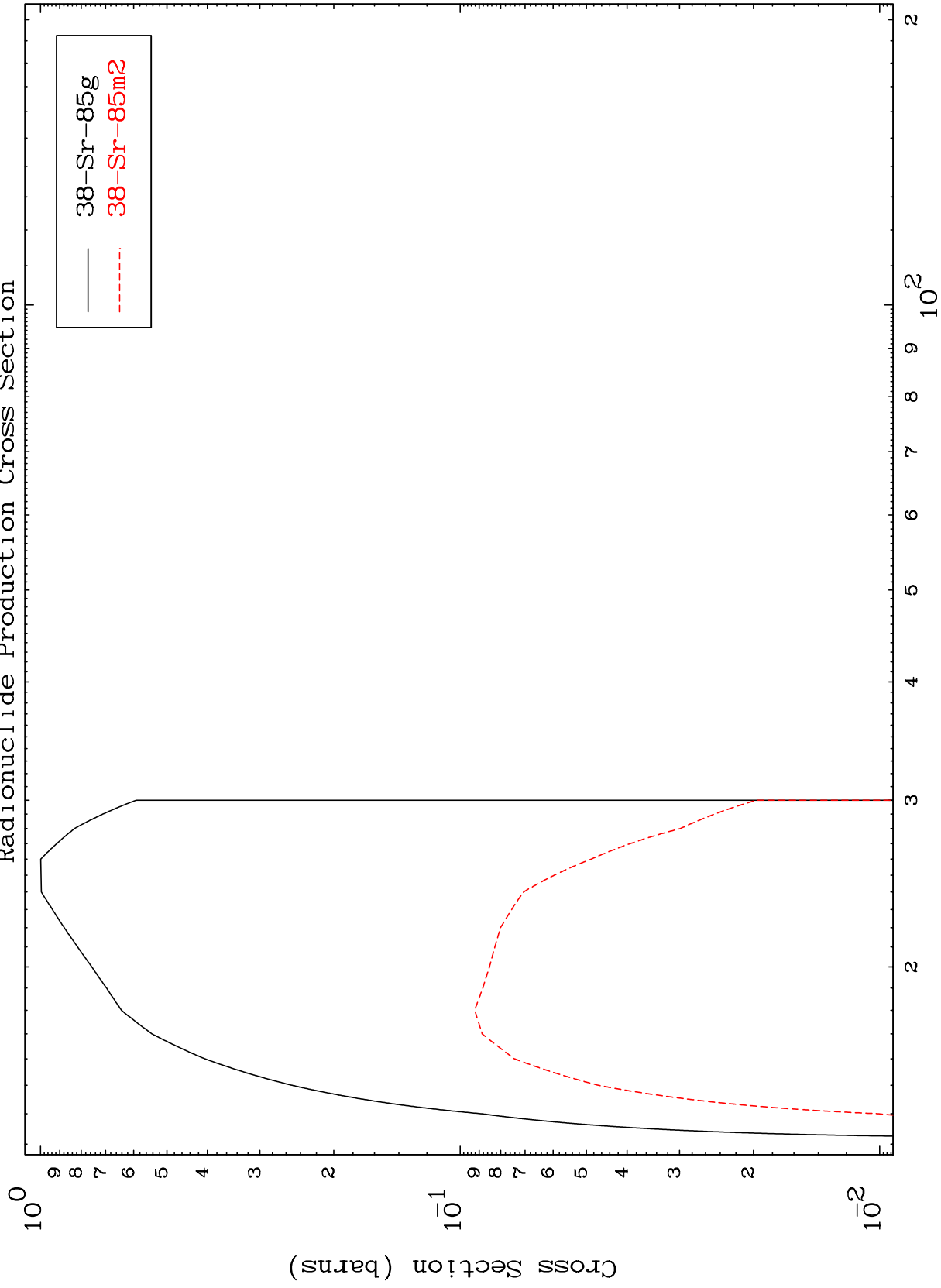


10

Incident Energy (MeV)

36-Kr-83

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

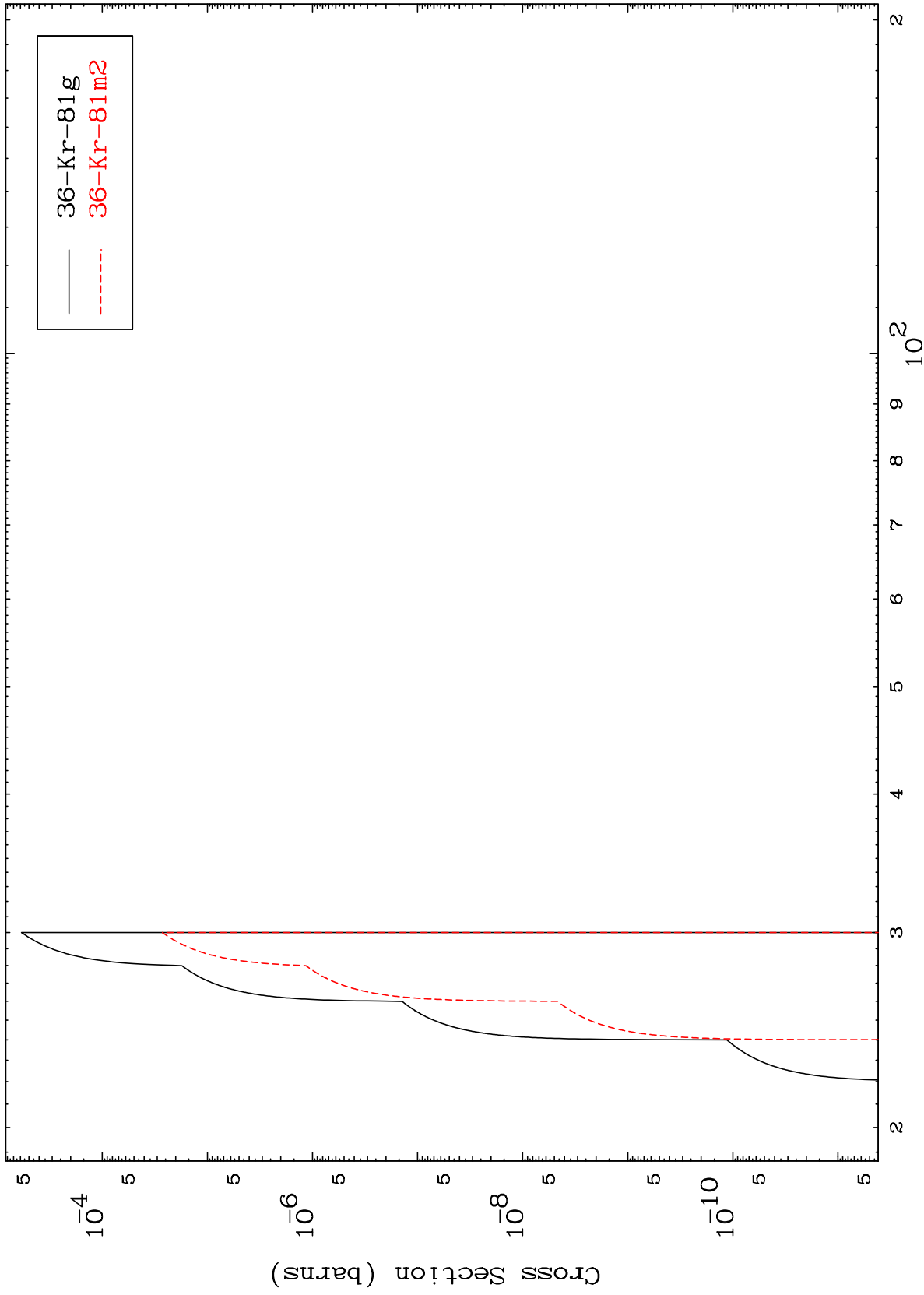


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$(\alpha, 2n) \alpha$

36-Kr-83

Radionuclide Production Cross Section

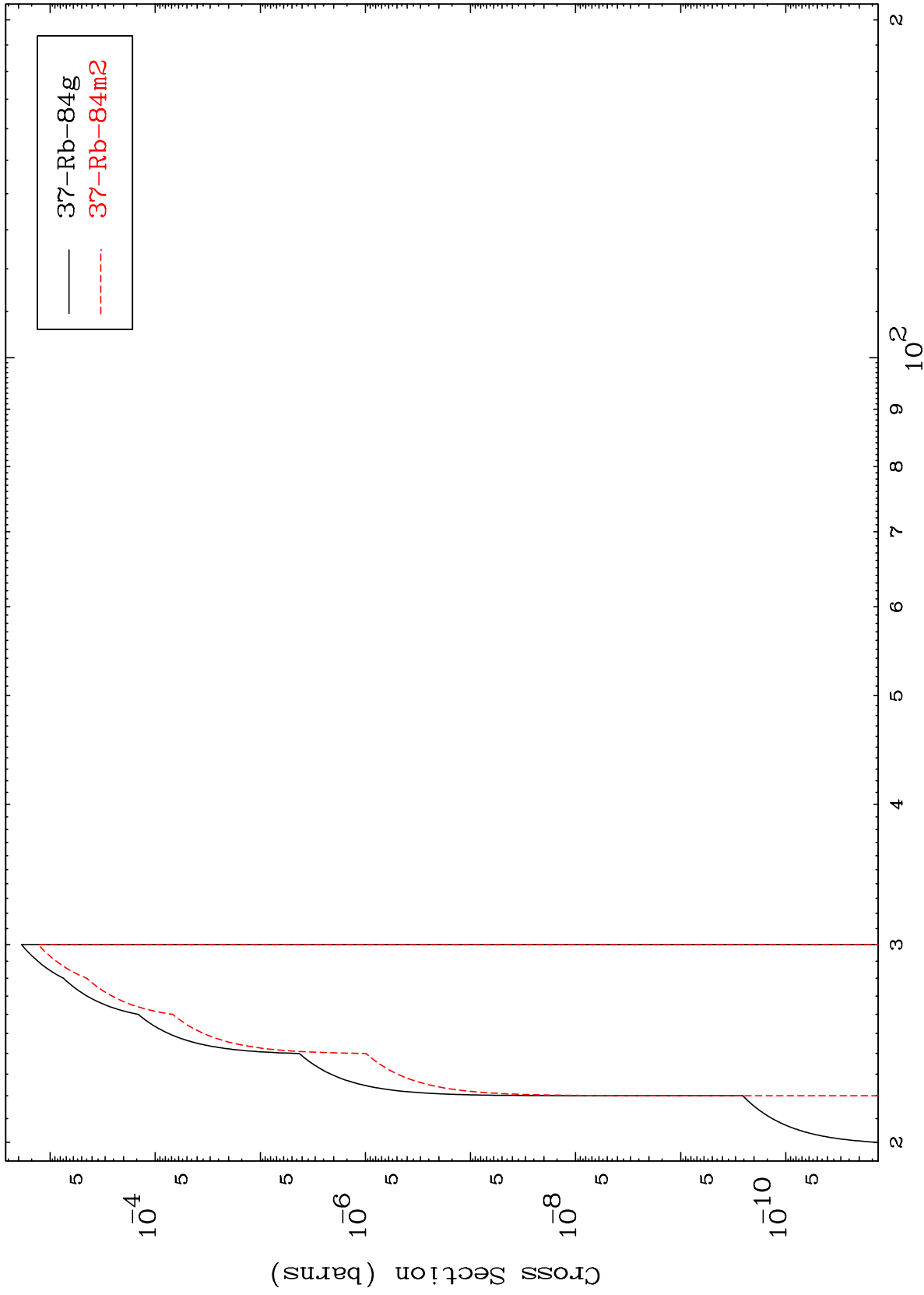


12

Incident Energy (MeV)

36-Kr-83

Radionuclide Production Cross Section

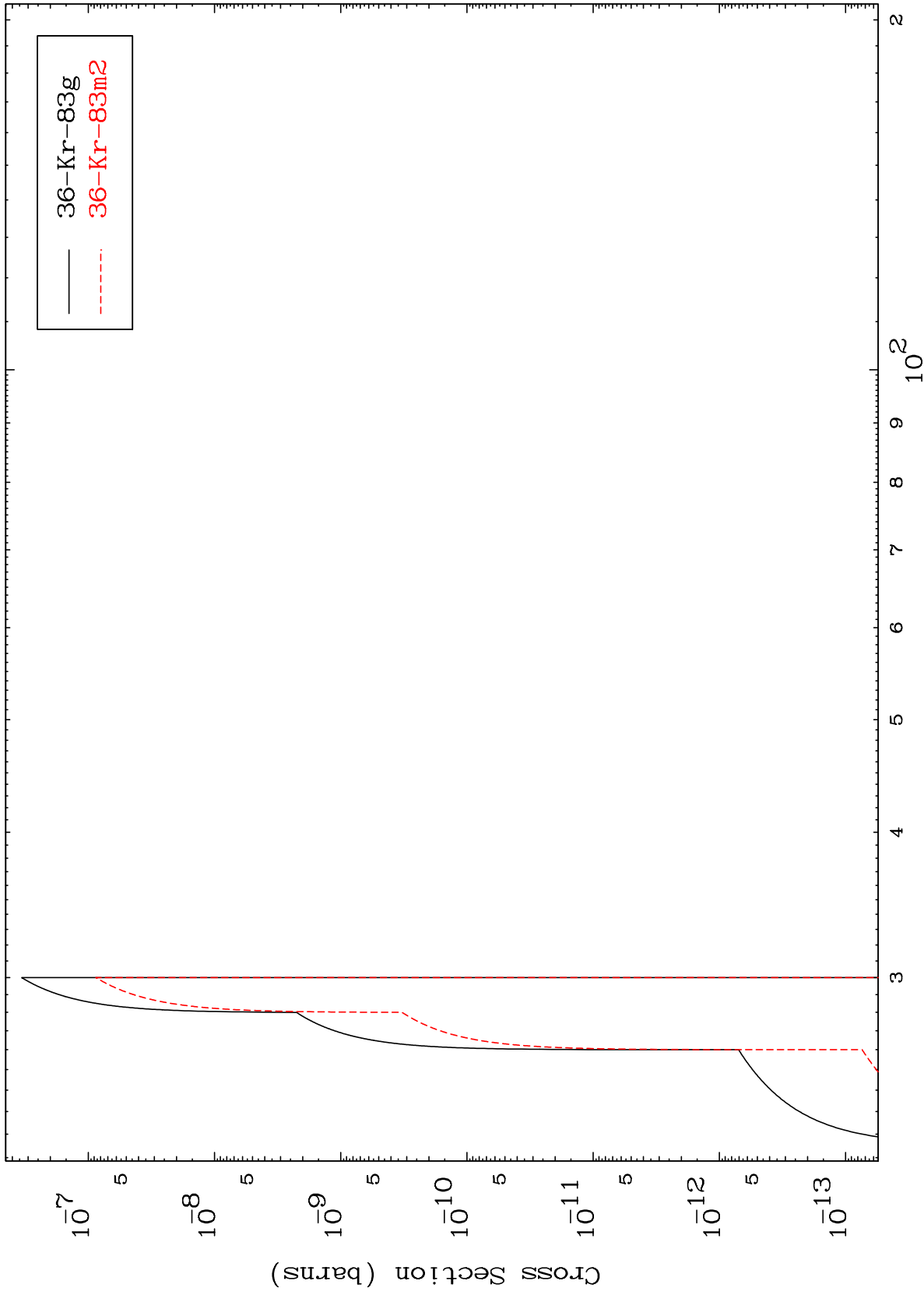


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(α, n') He-3

36-Kr-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

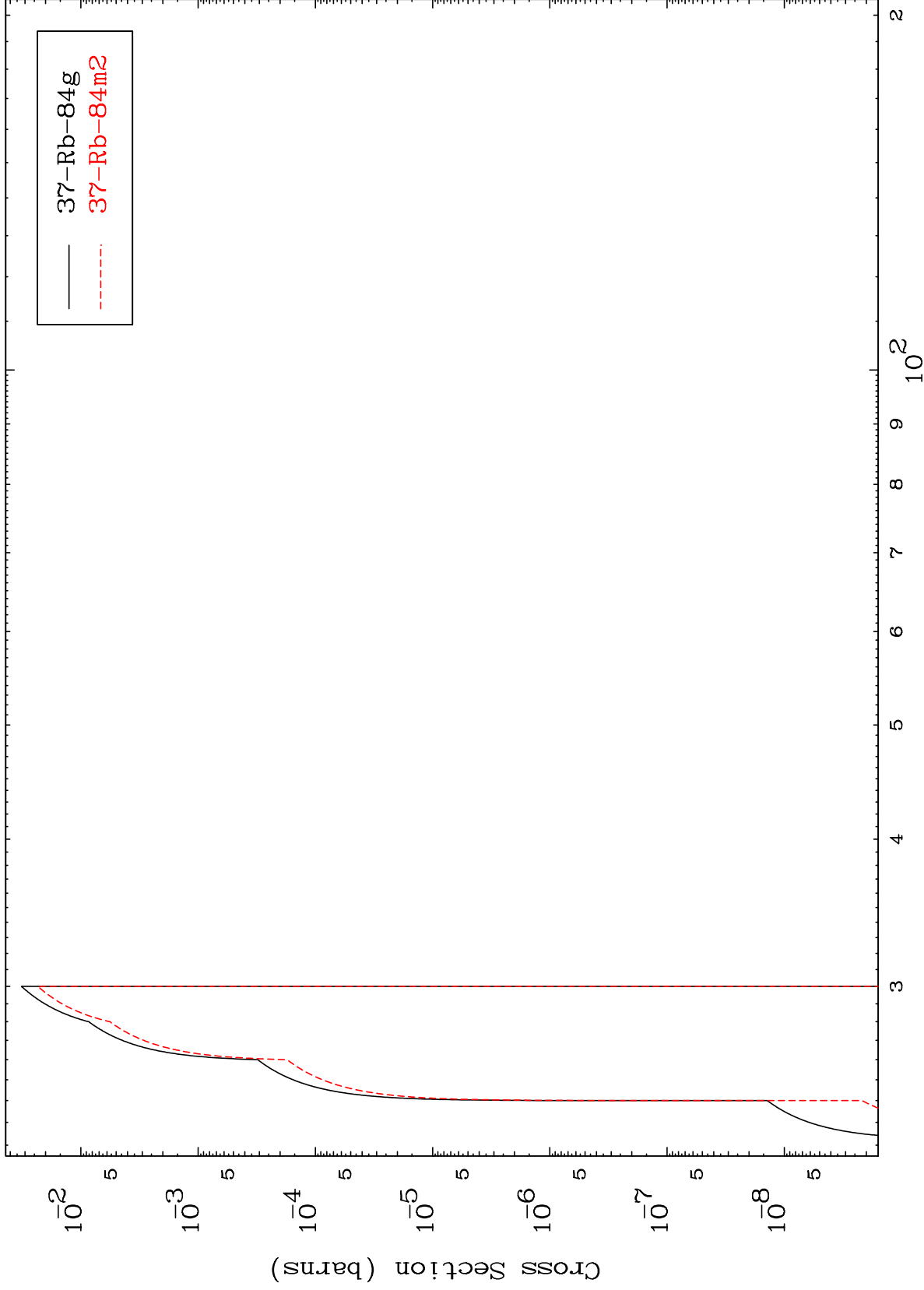
36-Kr-83

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($\alpha, 2n$) p

36-Kr-83

Radionuclide Production Cross Section



15

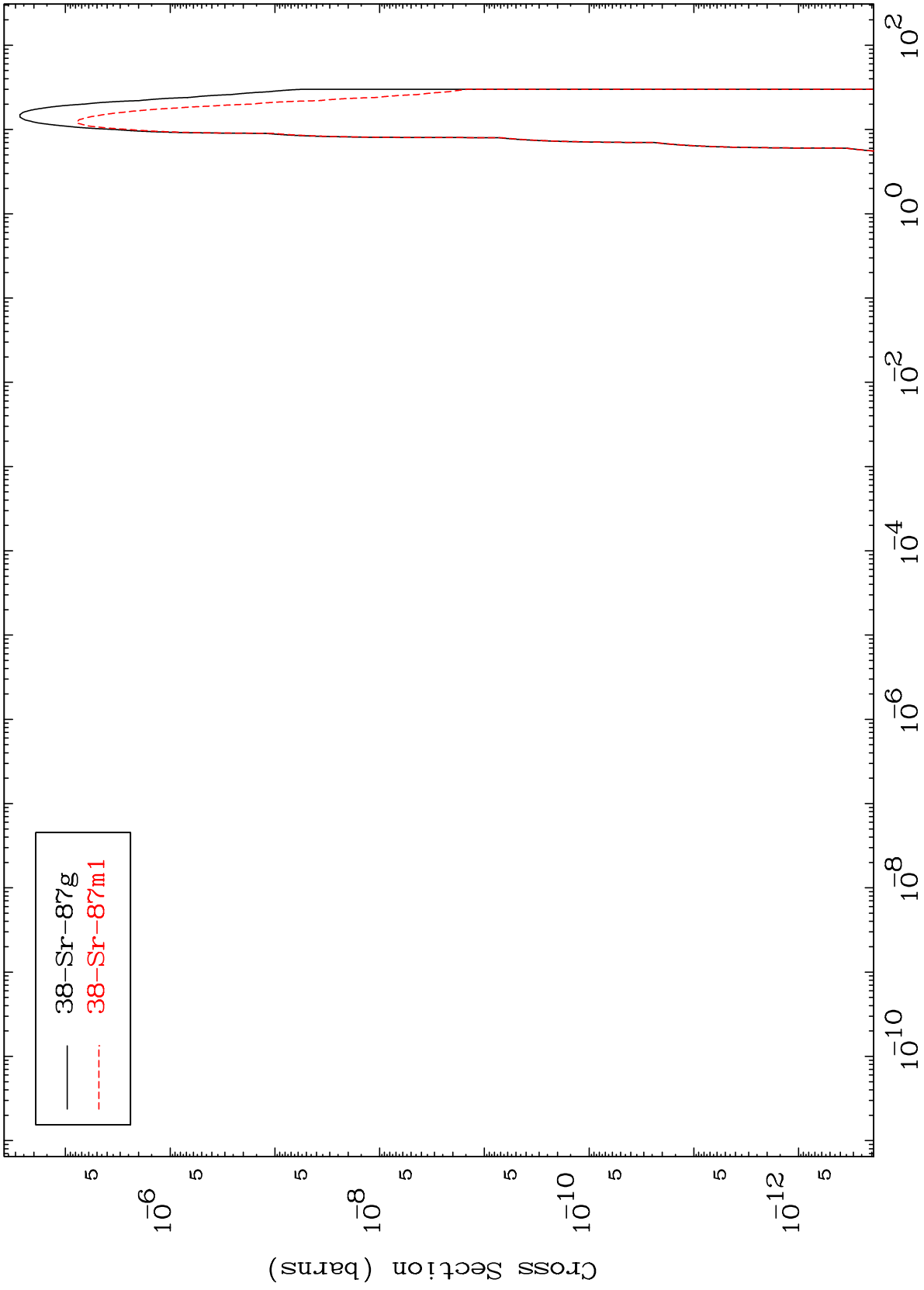
Incident Energy (MeV)

36-Kr-83

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Radionuclide Production Cross Section
(α, γ)

36-Kr-83



16

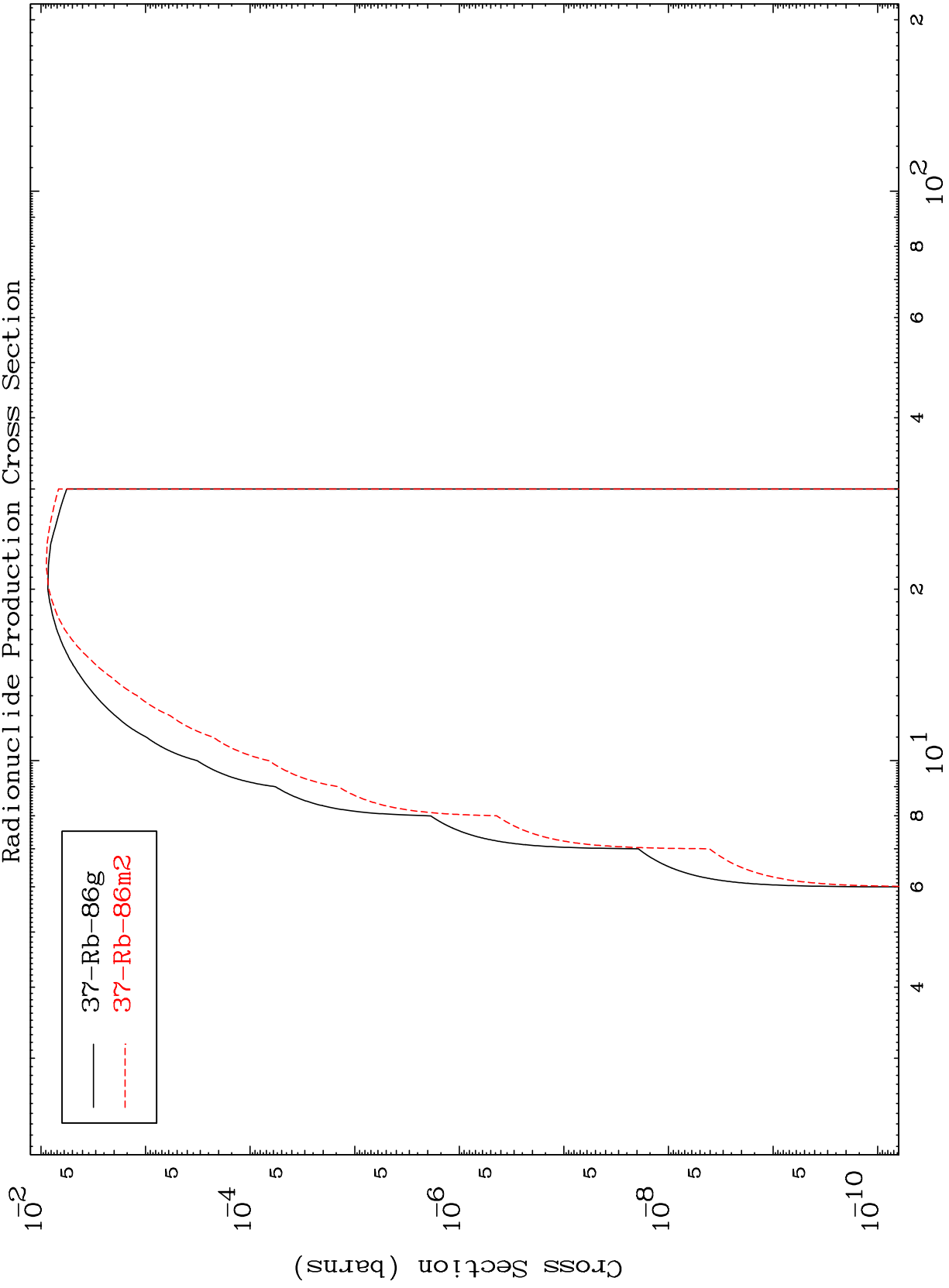
Incident Energy (MeV)

36-Kr-83

MAT 3641

36-Kr-83

Radionuclide Production Cross Section

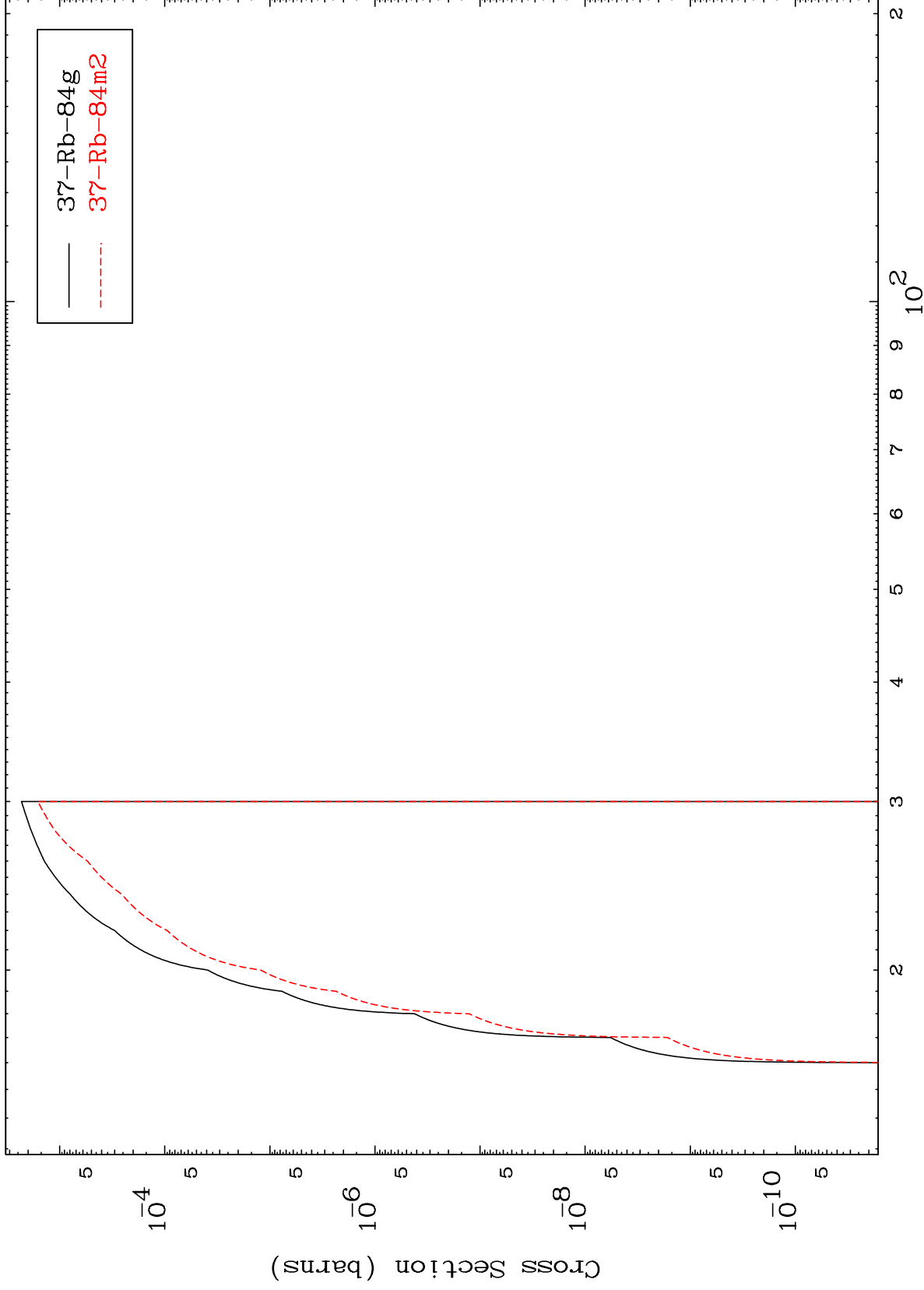


17

Incident Energy (MeV)

36-Kr-83

Radionuclide Production Cross Section

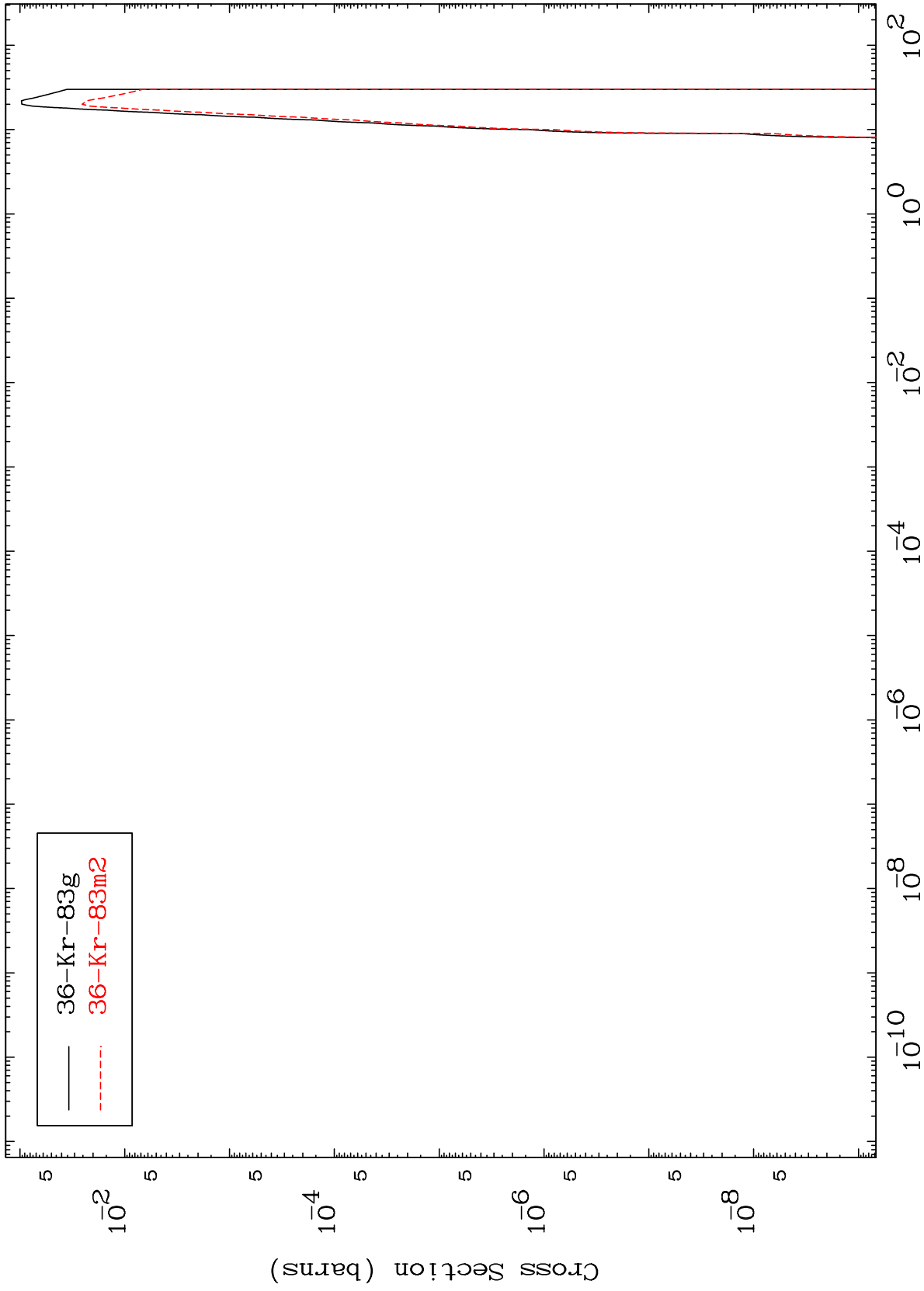


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(α, α)

³⁶Kr-83

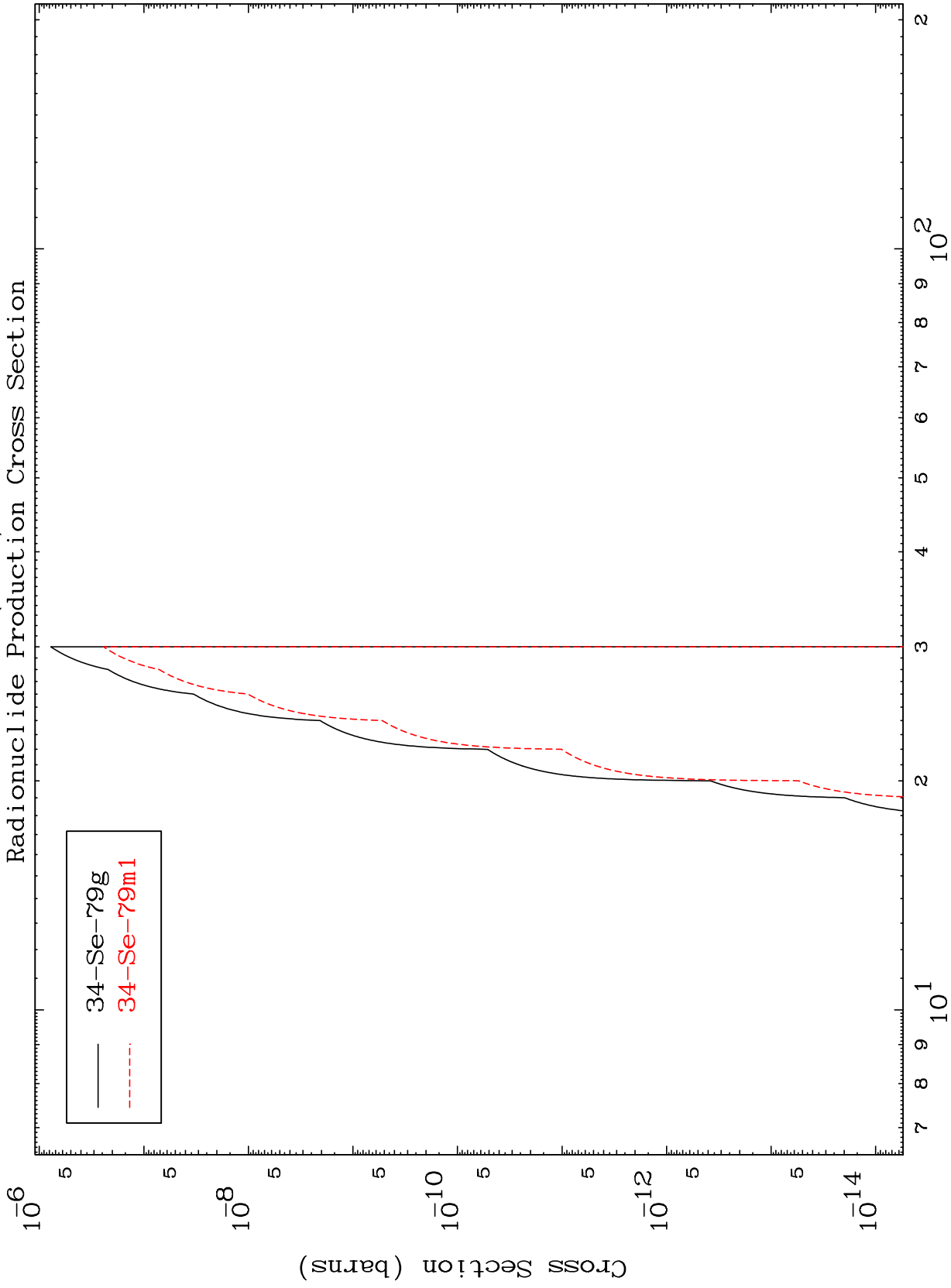
Radionuclide Production Cross Section



MAT 3641

36-Kr-83

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



20

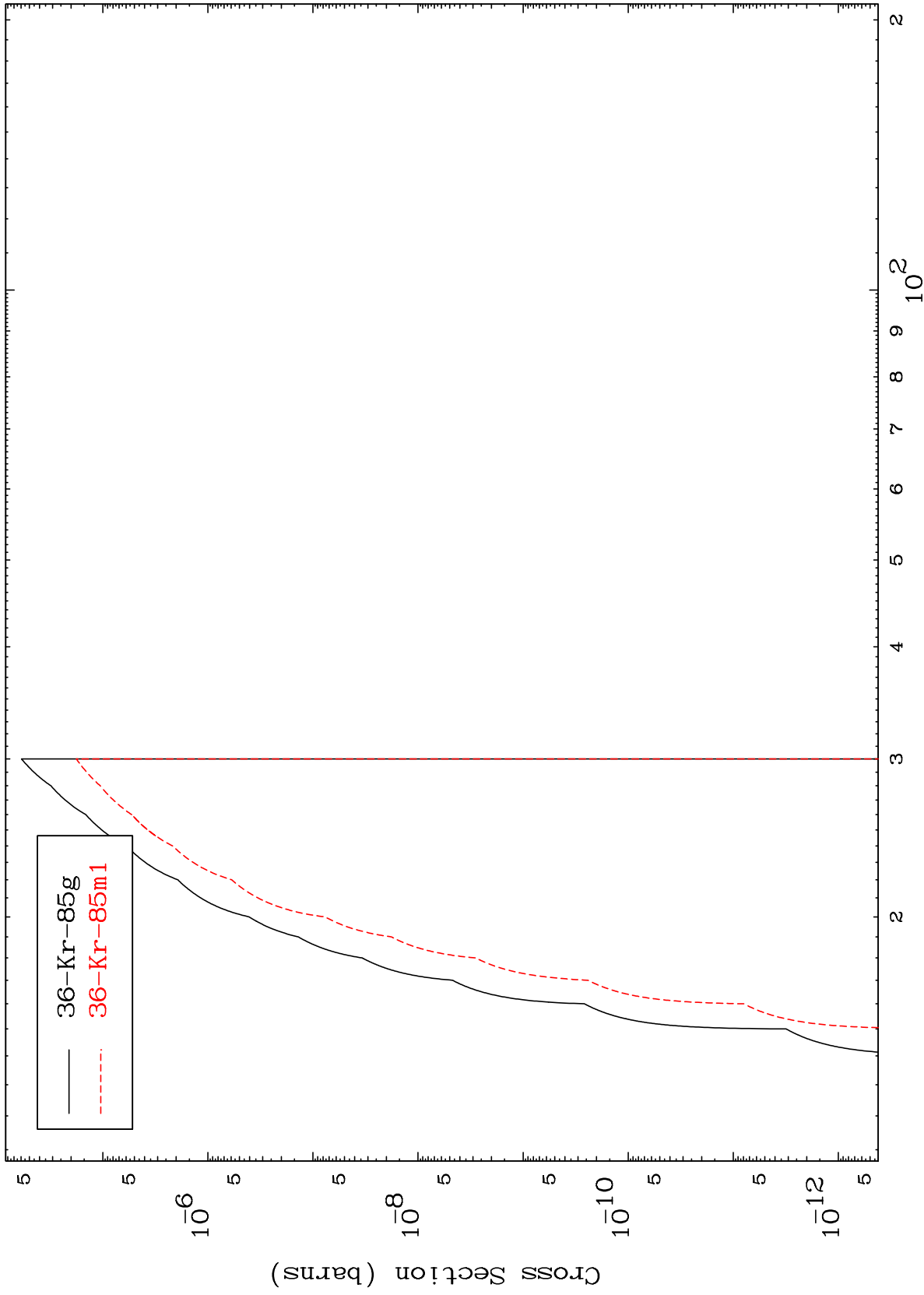
Incident Energy (MeV)

36-Kr-83

MAT 3641

36-Kr-83

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



21

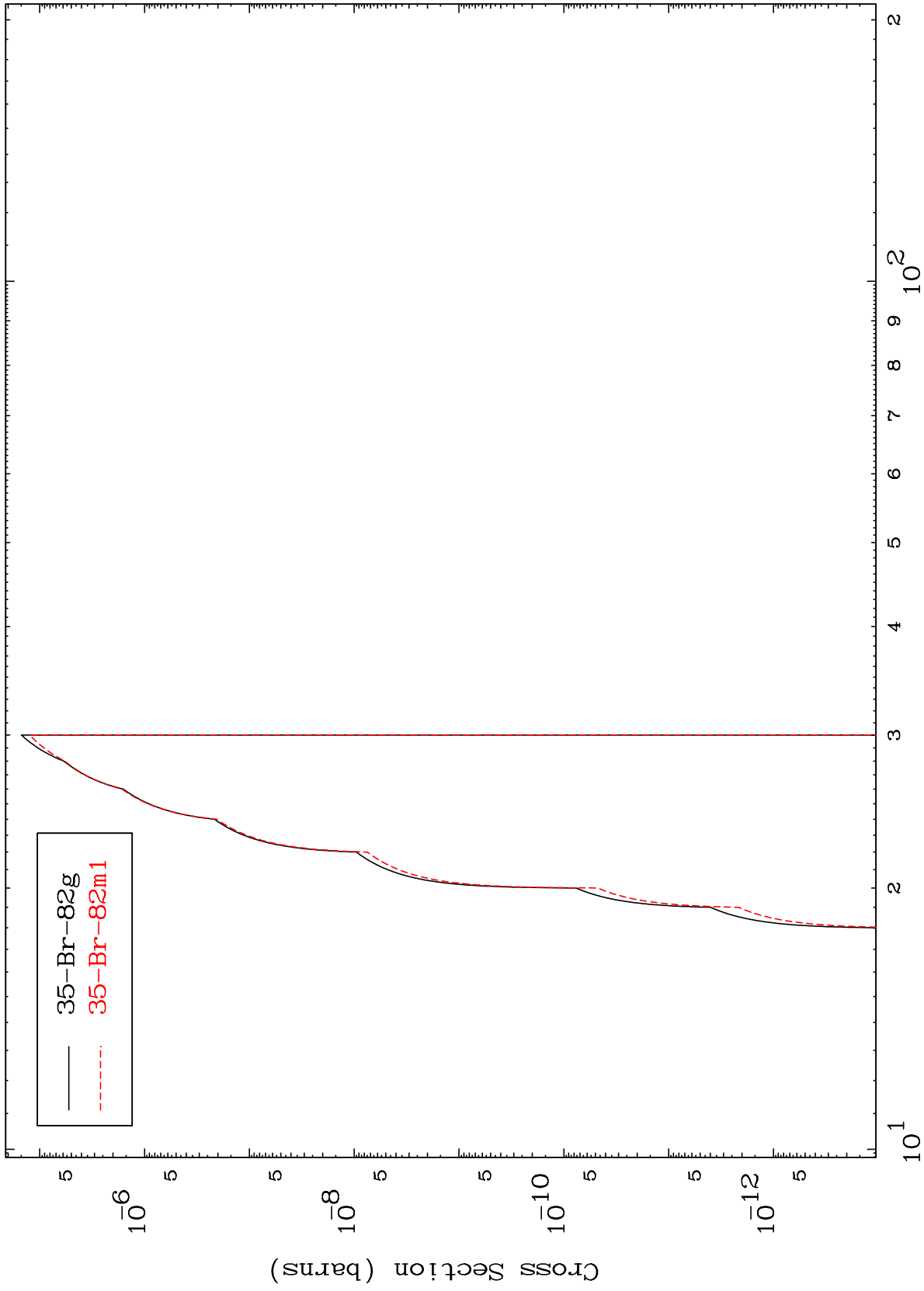
36-Kr-83

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(α, p) α

$^{36}\text{Kr-83}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

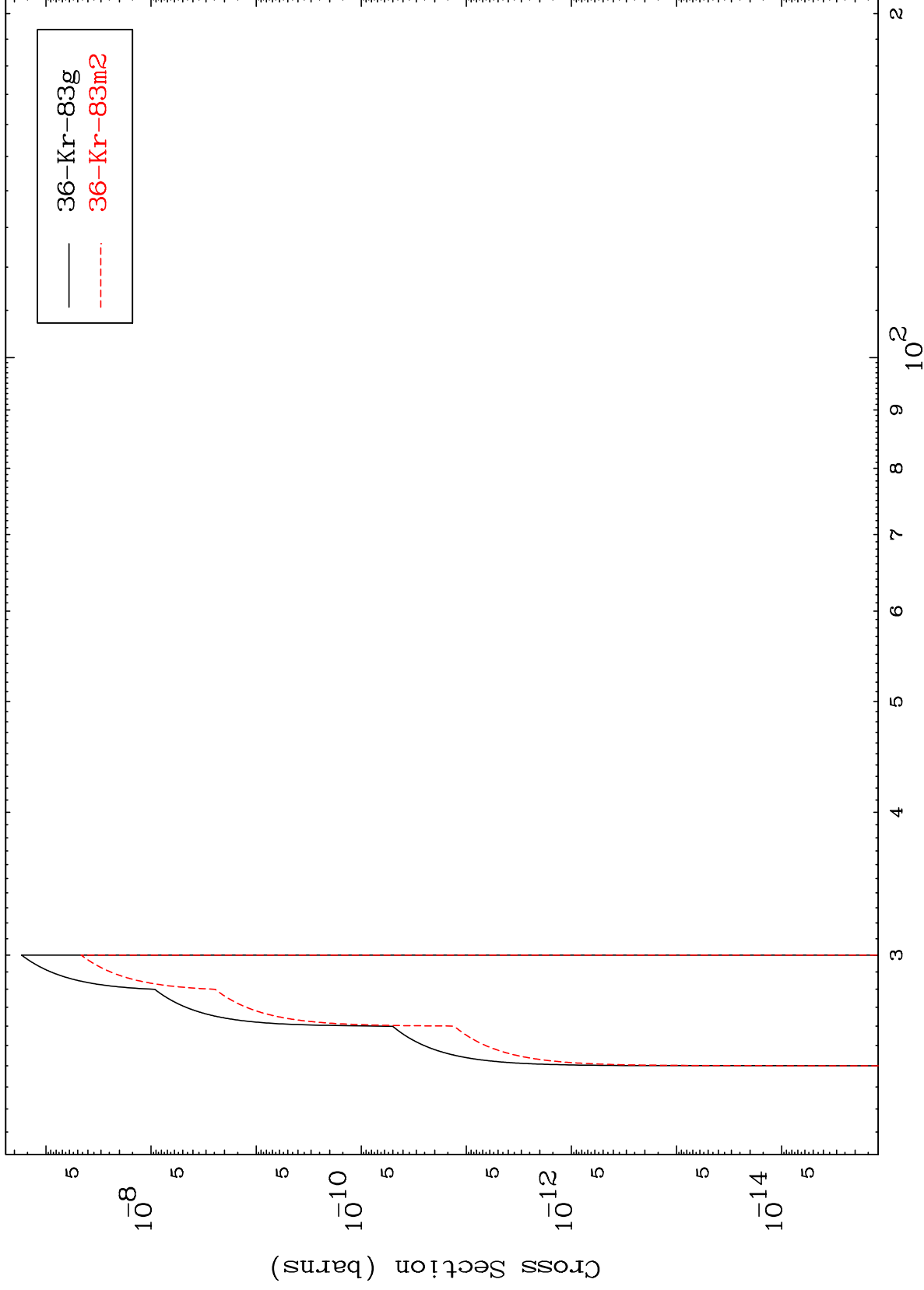
$^{36}\text{Kr-83}$

MAT 3641

(α, p) t

³⁶Kr-83

Radionuclide Production Cross Section



23

Incident Energy (MeV)

³⁶Kr-83