

Program EVALPLOT
(Version 2018-1)

by

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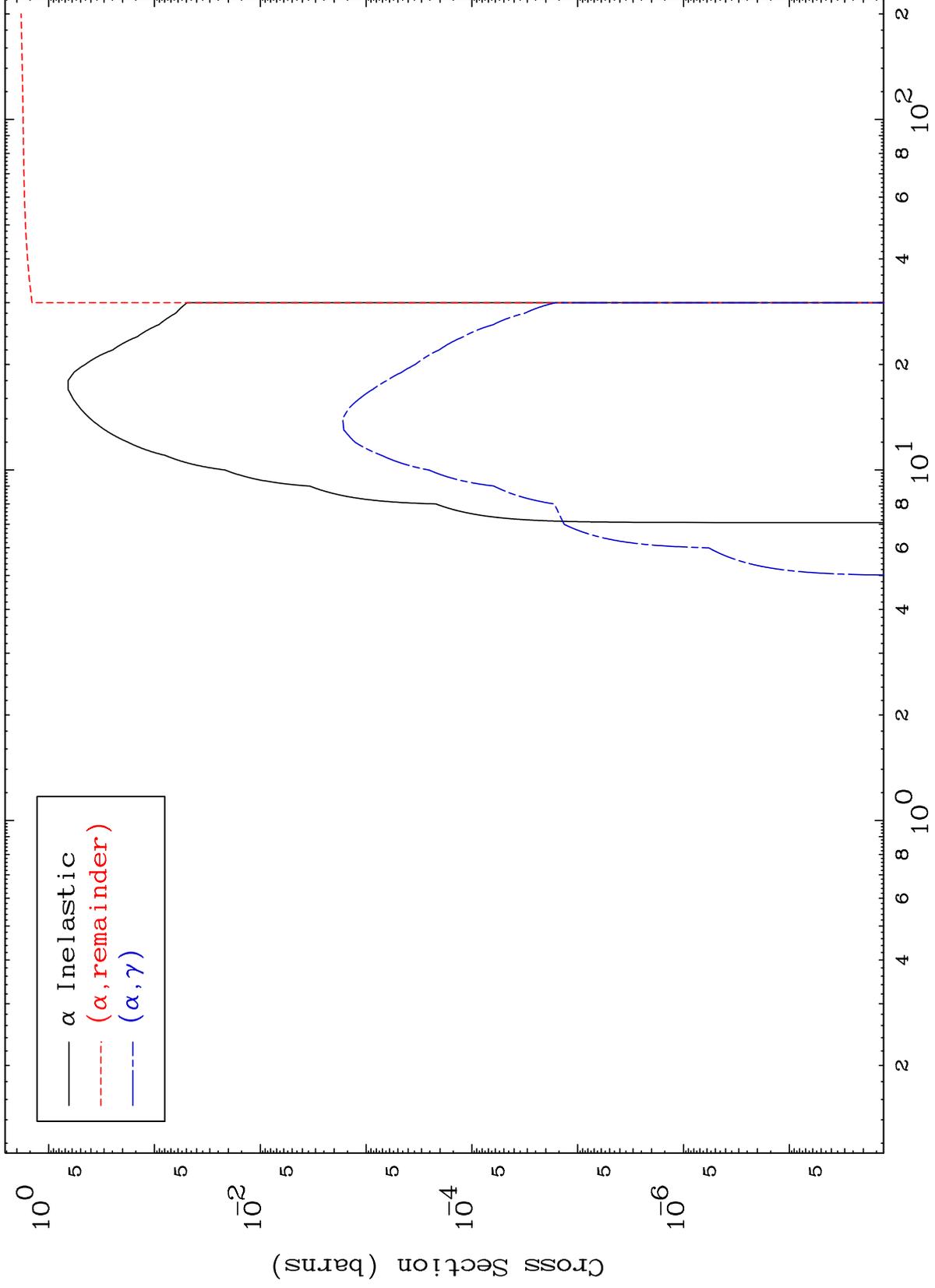
Press Mouse Button to Start

MAT 3631

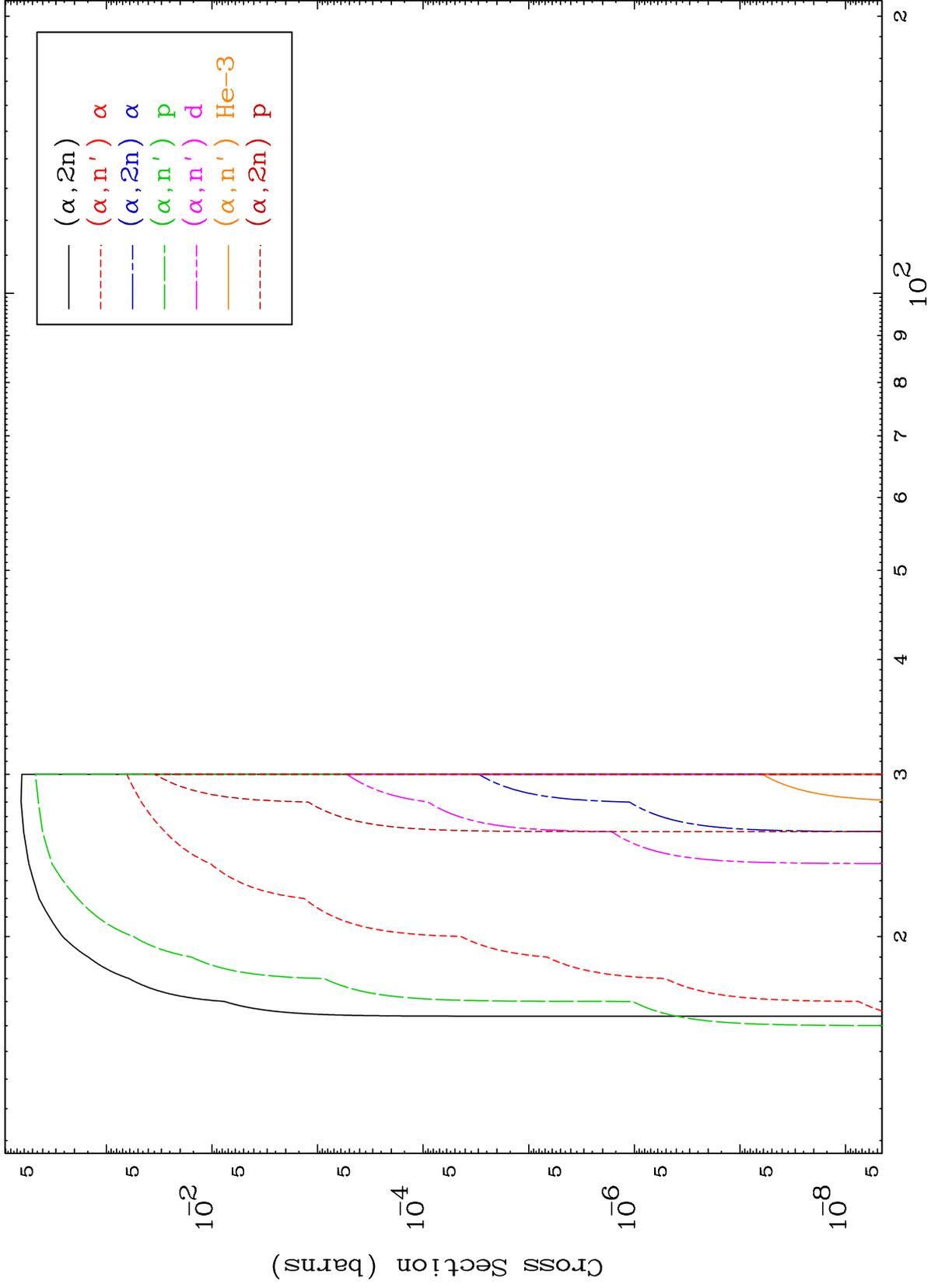
α Major

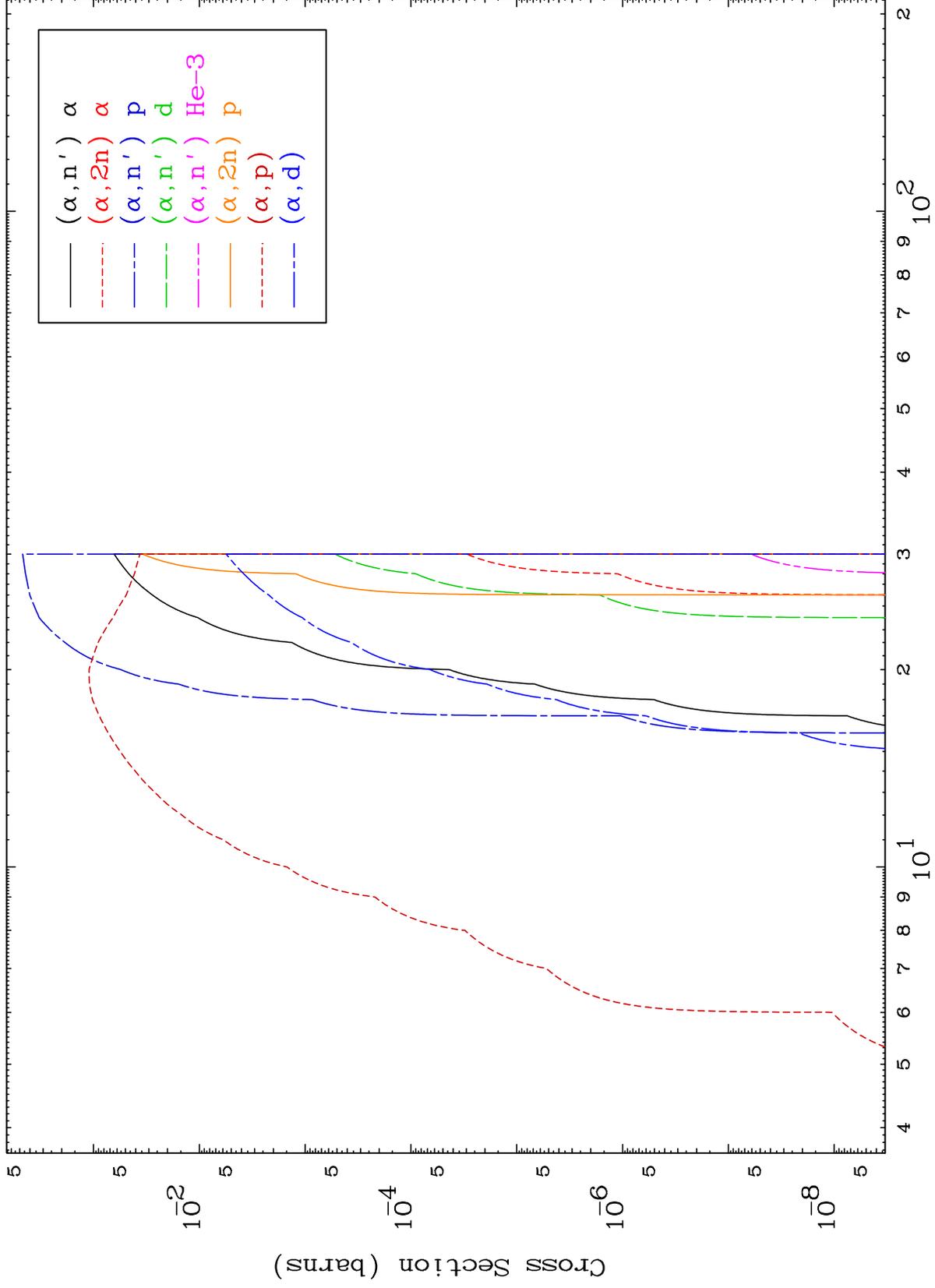
36-Kr-80

0 Kelvin Cross Sections



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

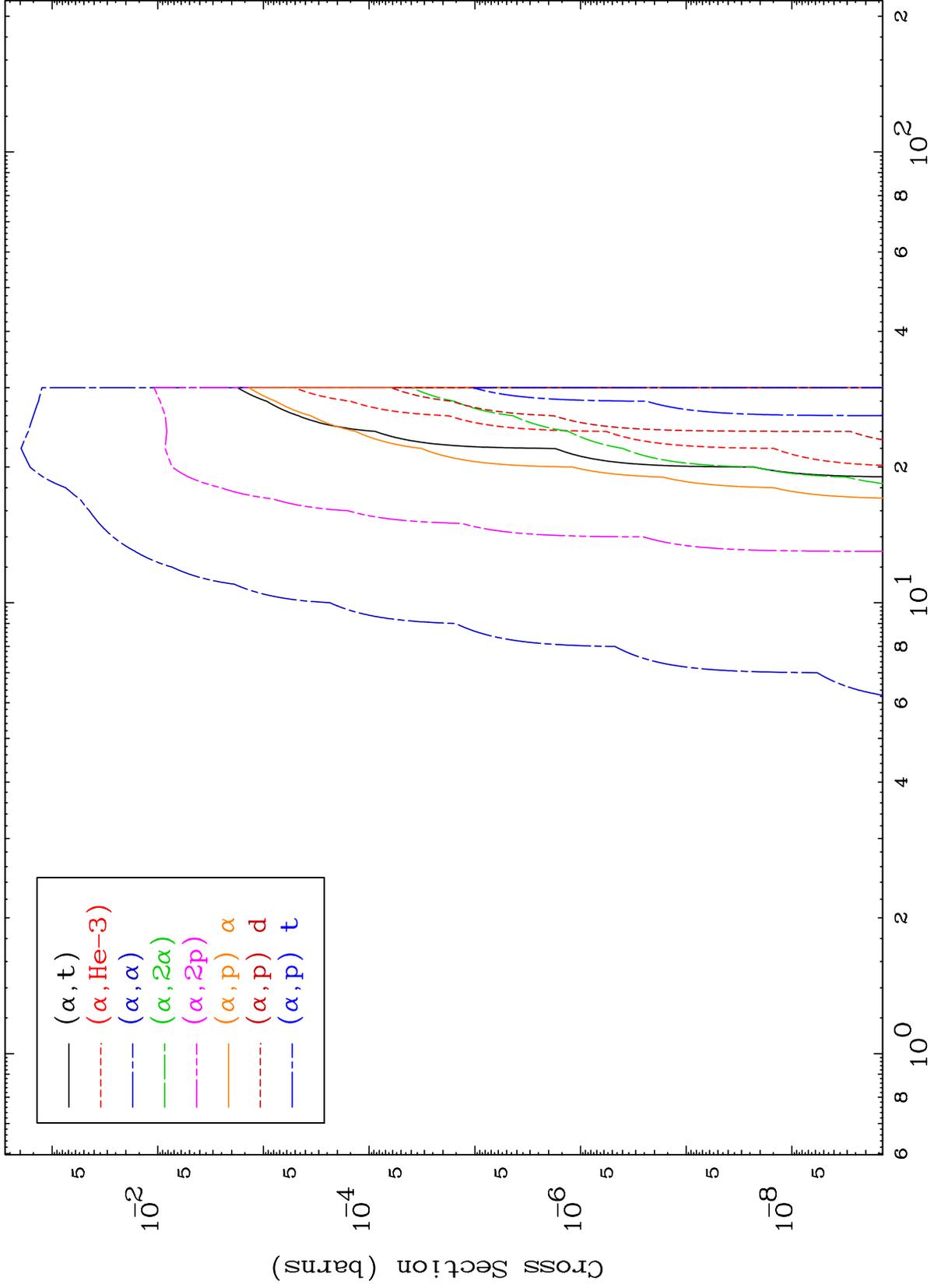




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α Charged Particle
0 Kelvin Cross Sections

36-Kr-80



4

Incident Energy (MeV)

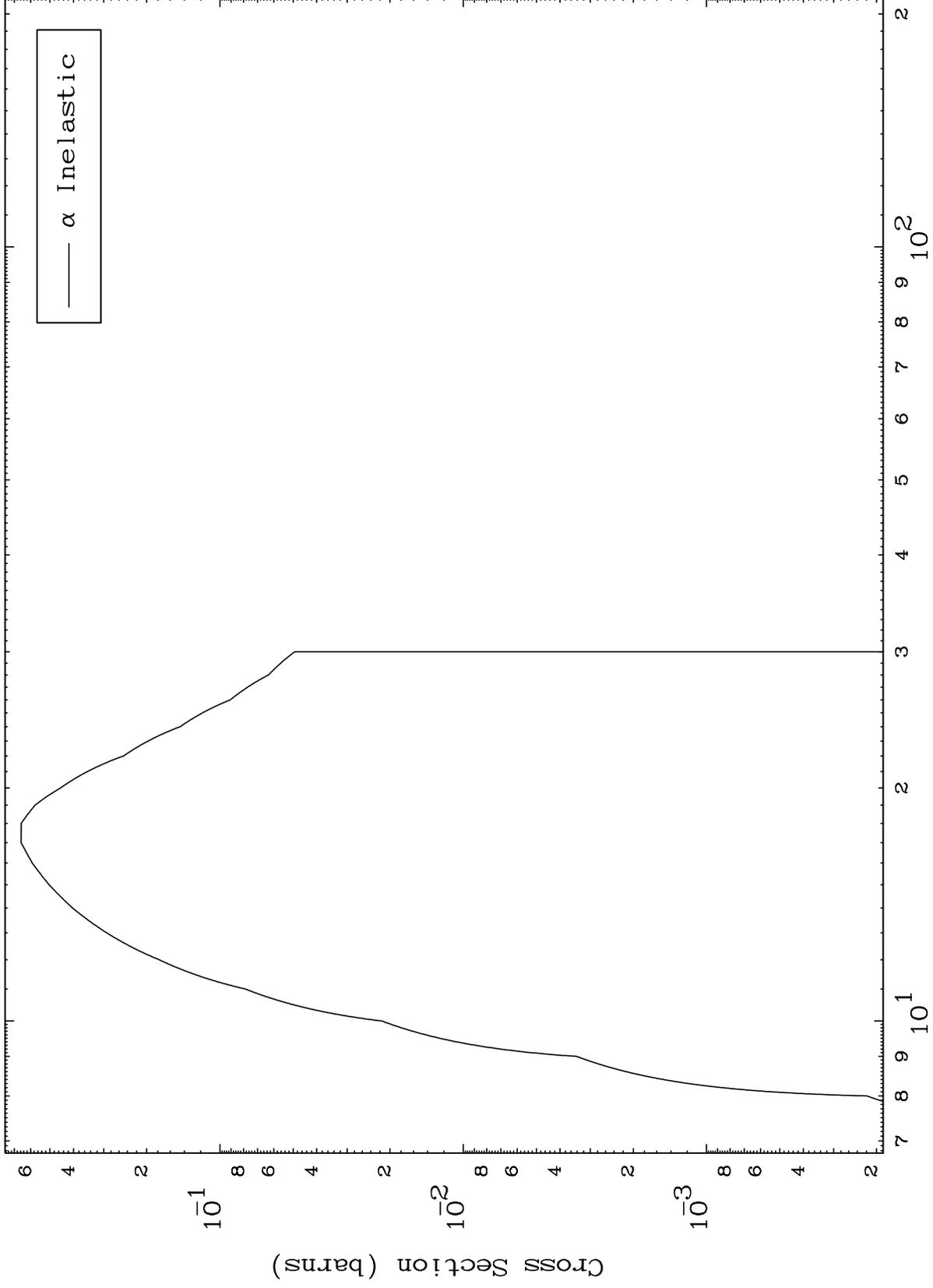
36-Kr-80

MAT 3631

(α, n') Level

36-Kr-80

0 Kelvin Cross Sections



5

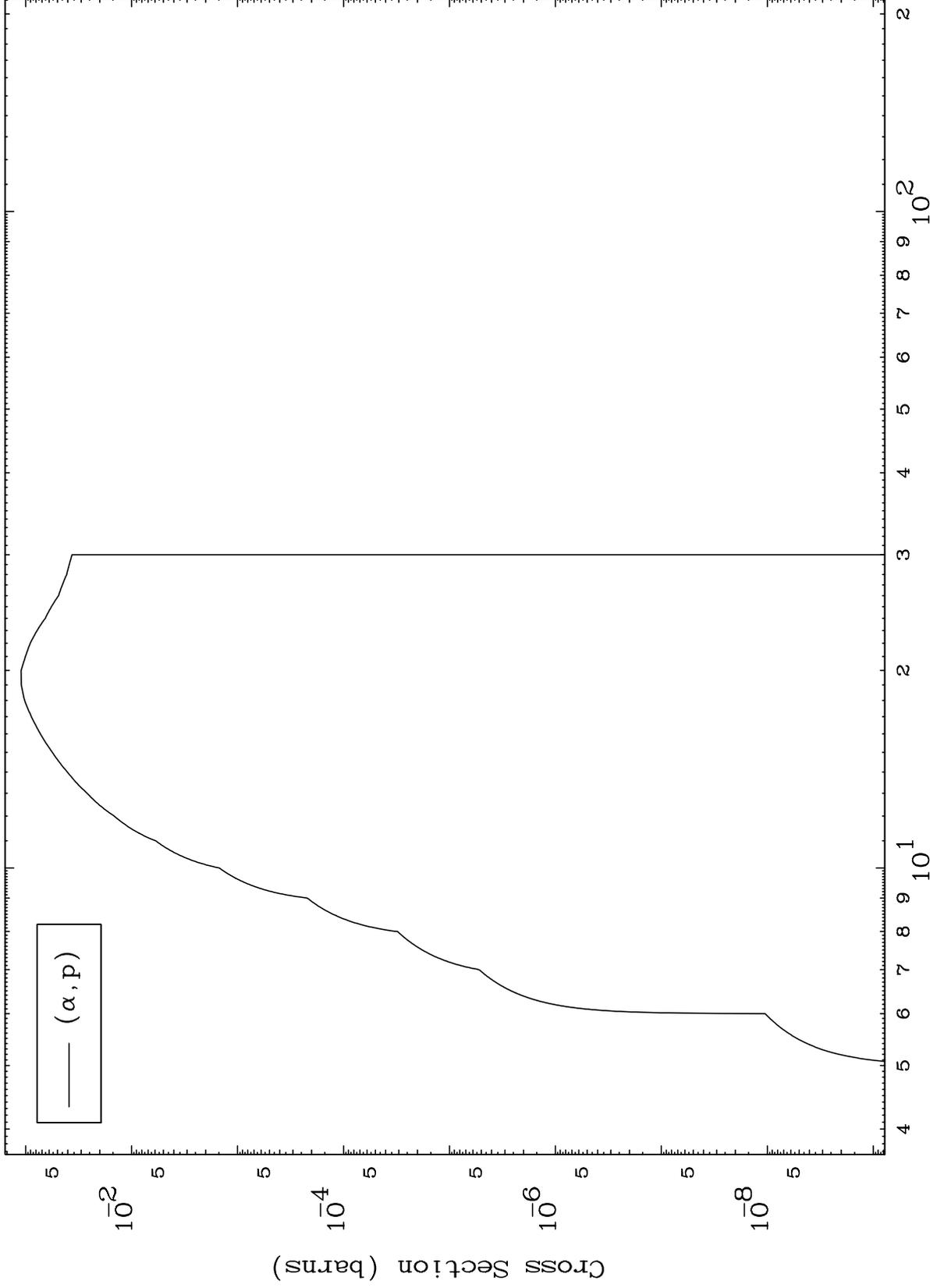
Incident Energy (MeV)

36-Kr-80

MAT 3631

(α, p) Levels
0 Kelvin Cross Sections

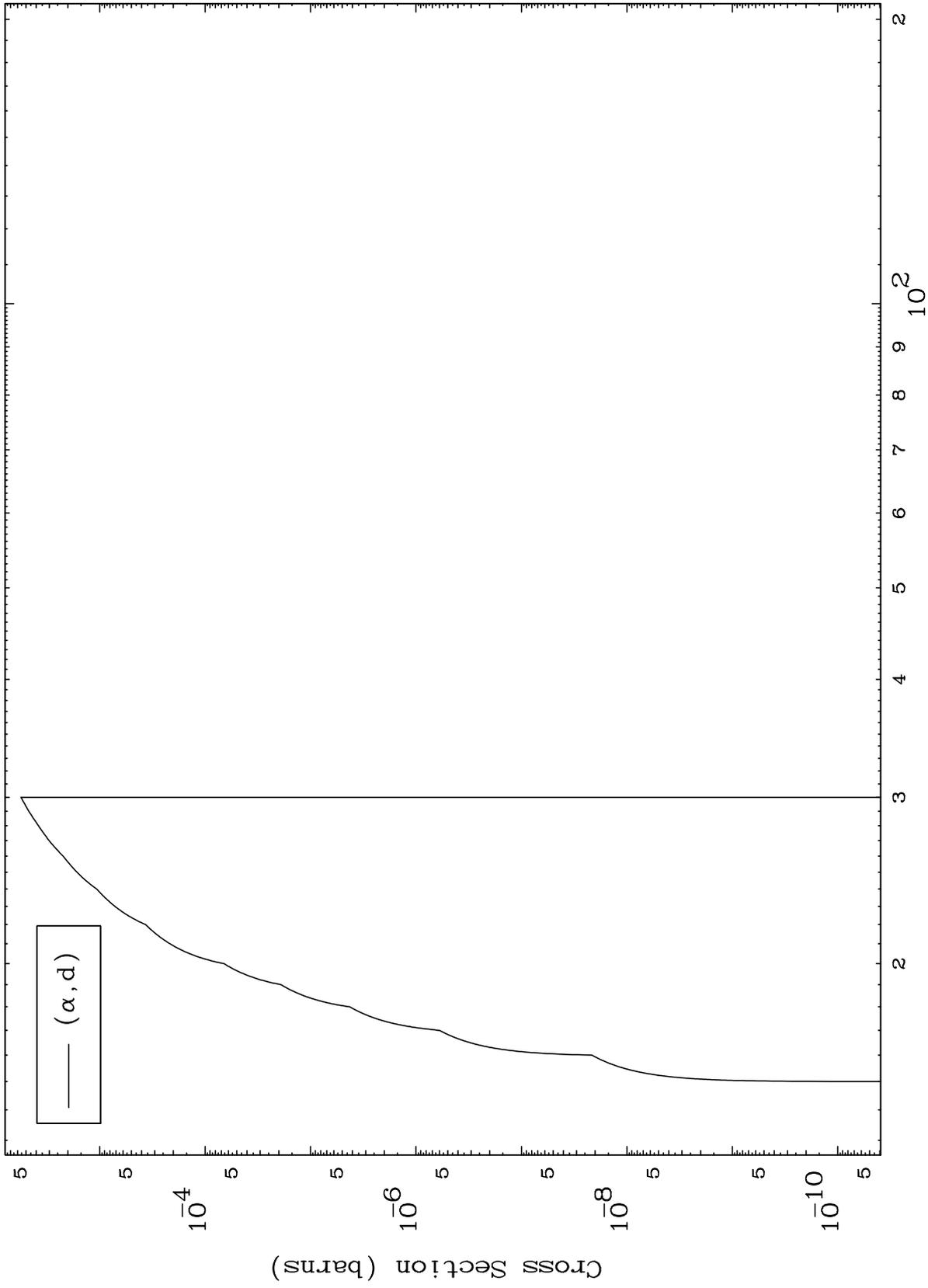
36-Kr-80



6

Incident Energy (MeV)

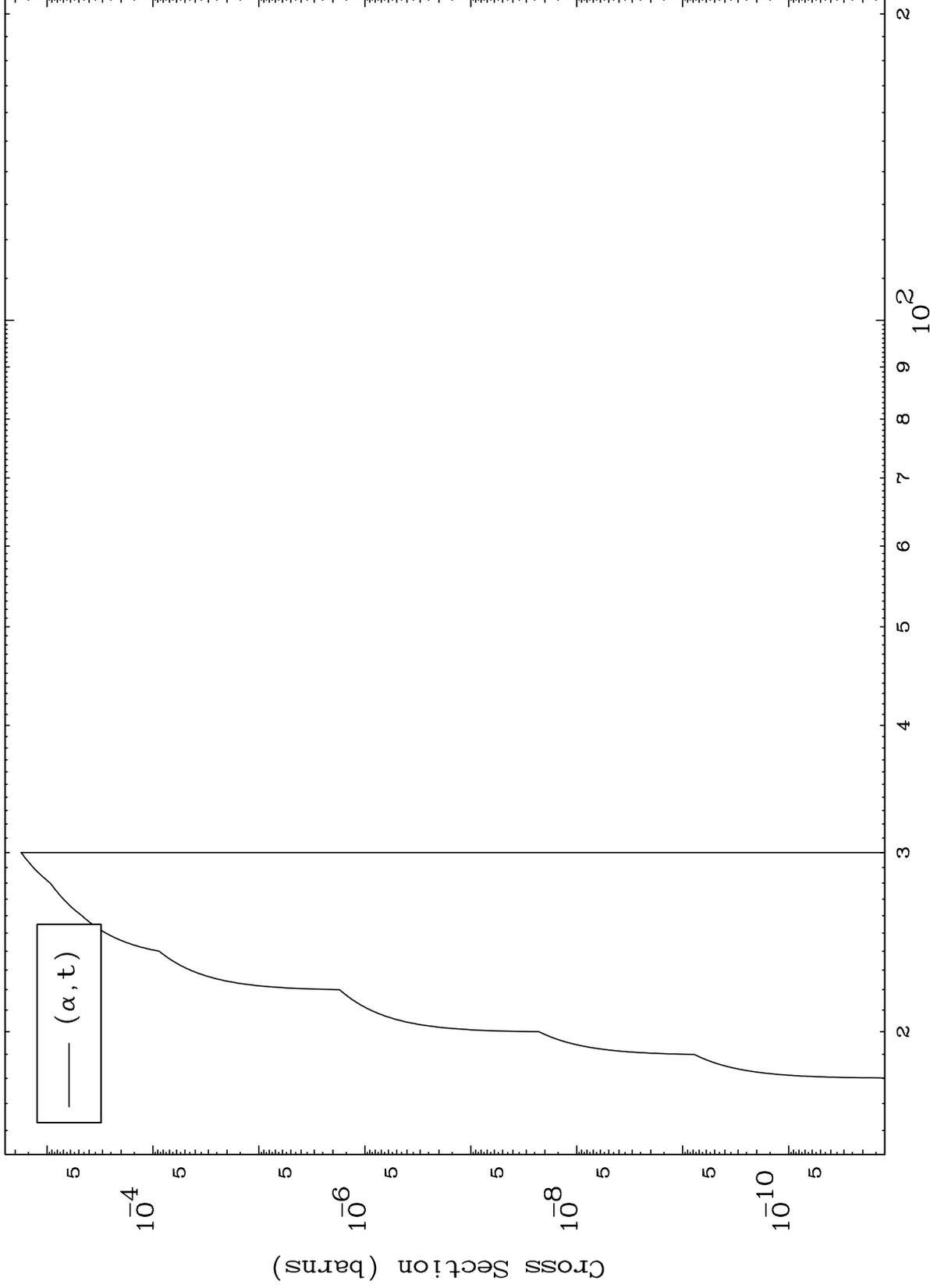
36-Kr-80



MAT 3631

(α, t) Levels
0 Kelvin Cross Sections

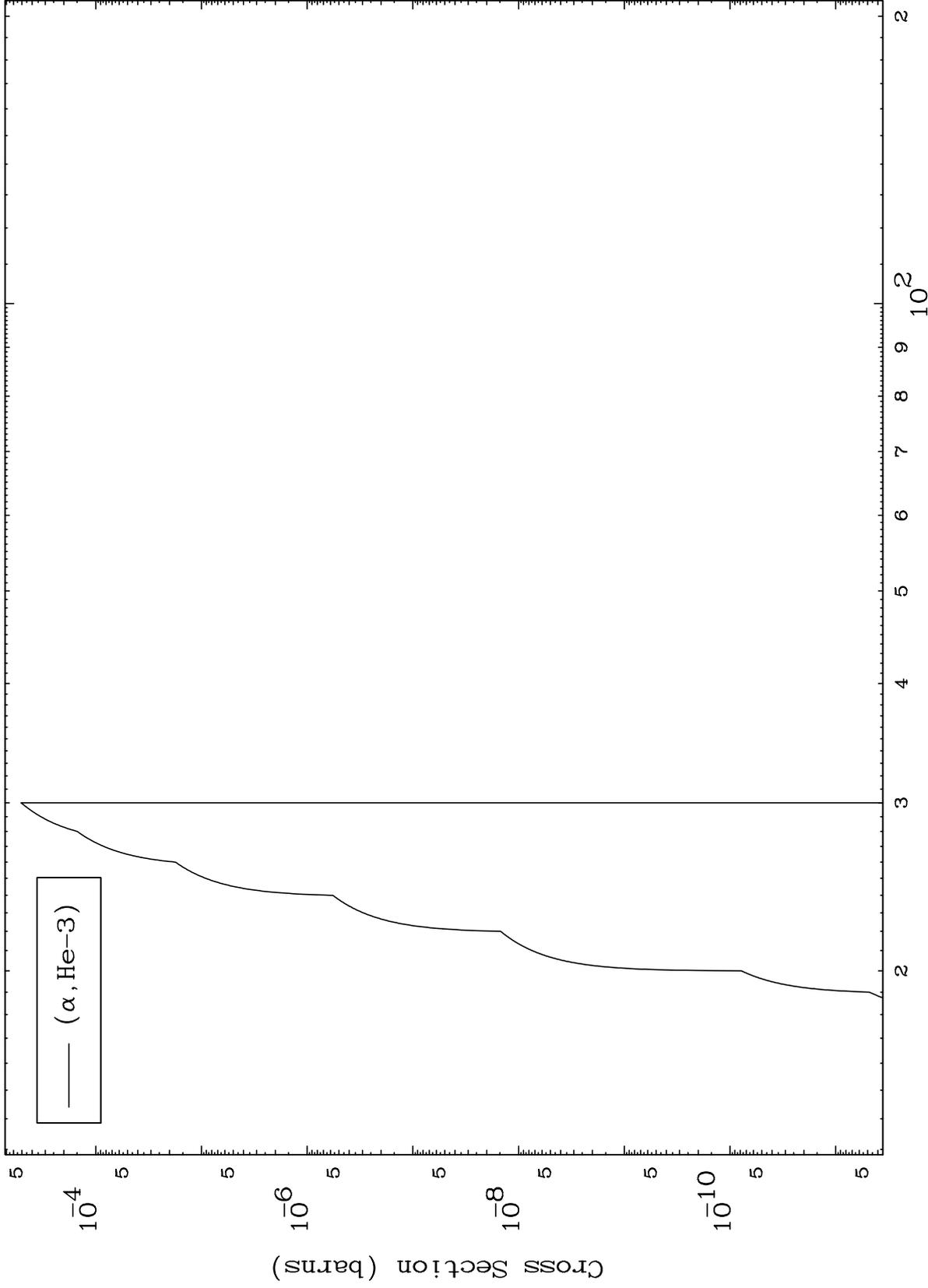
36-Kr-80



8

Incident Energy (MeV)

36-Kr-80

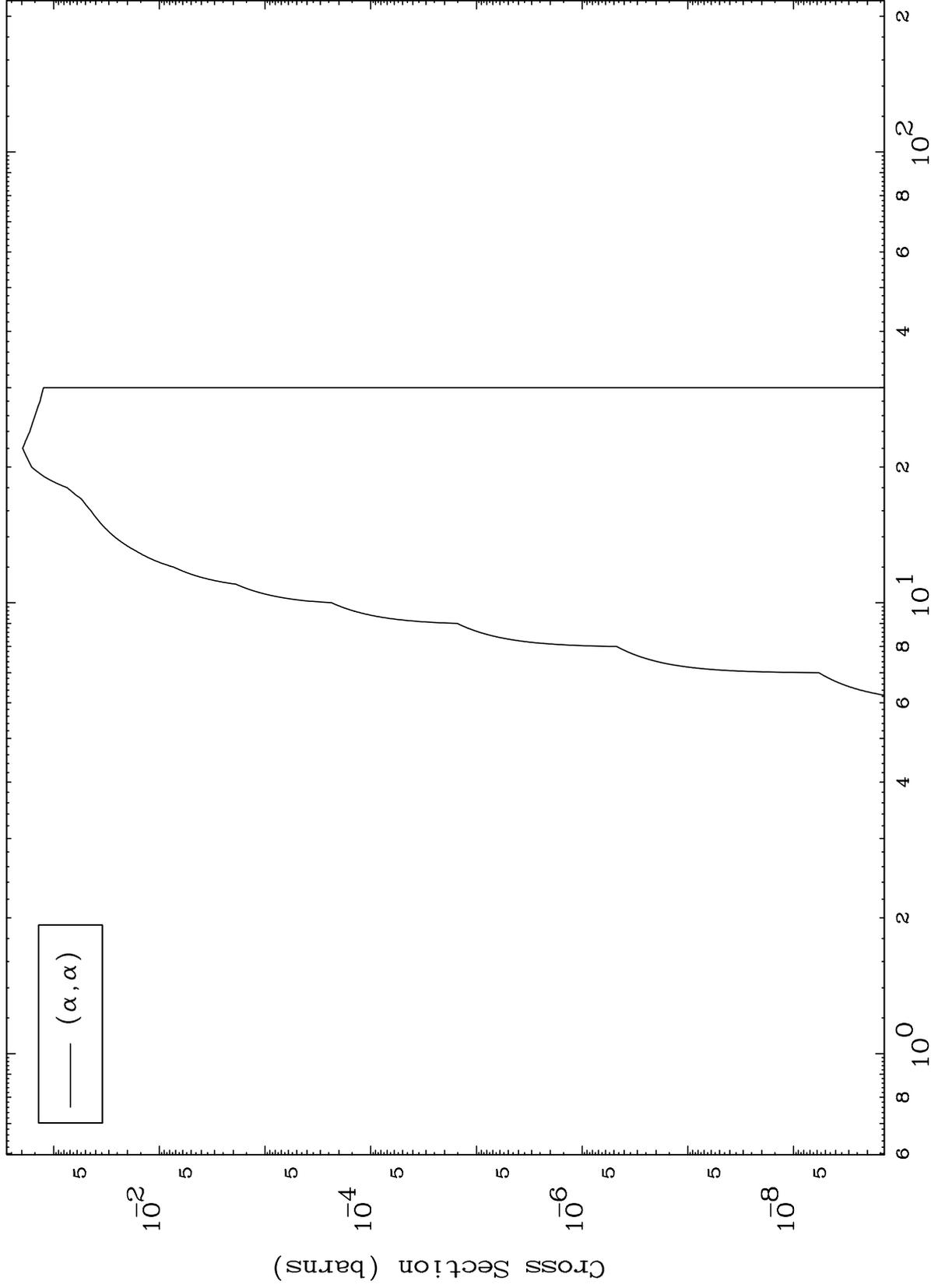


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(α, α) Levels

36-Kr-80

0 Kelvin Cross Sections

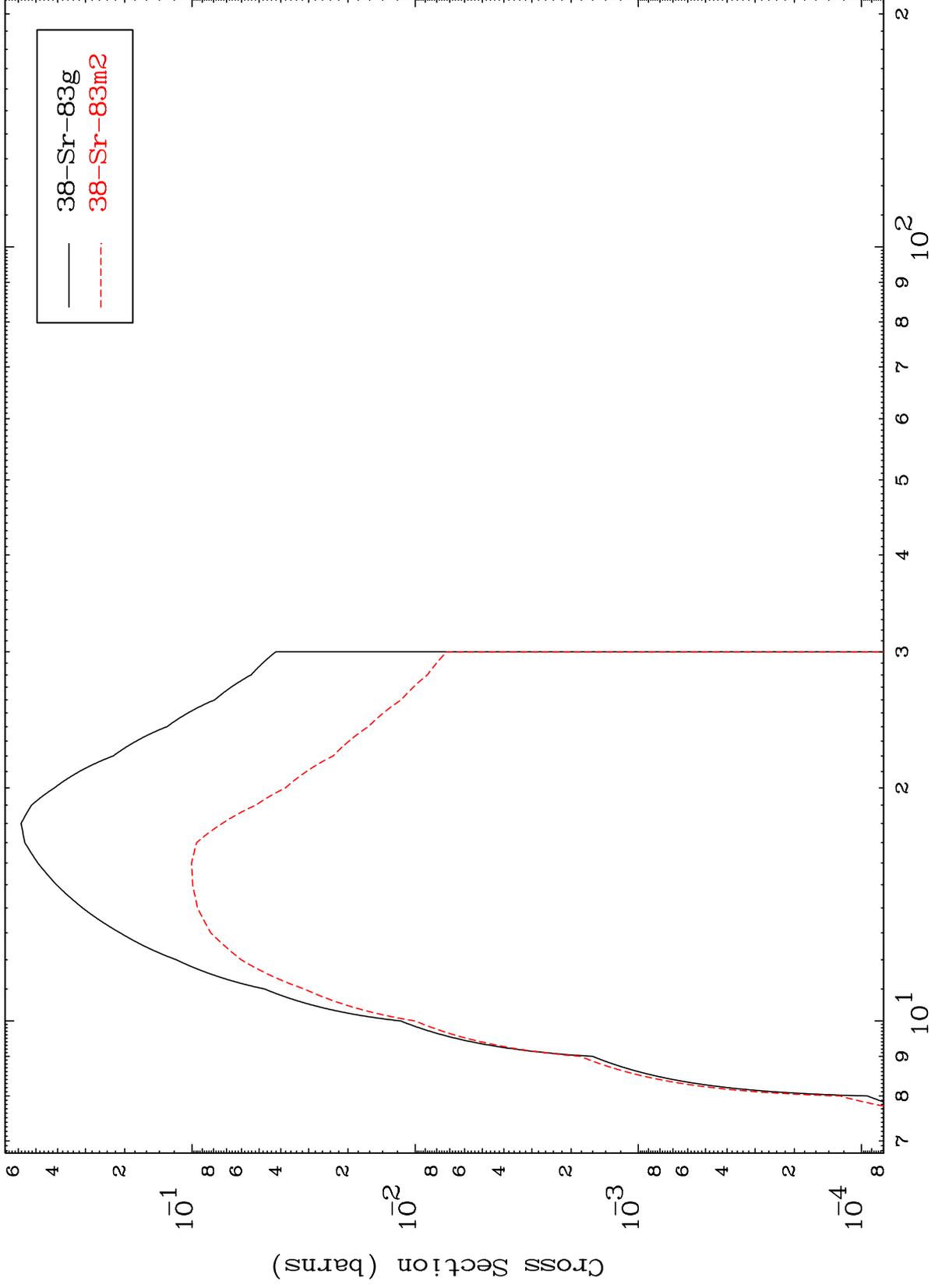


Incident Energy (MeV)

36-Kr-80

Radionuclide Production Cross Section

α Inelastic

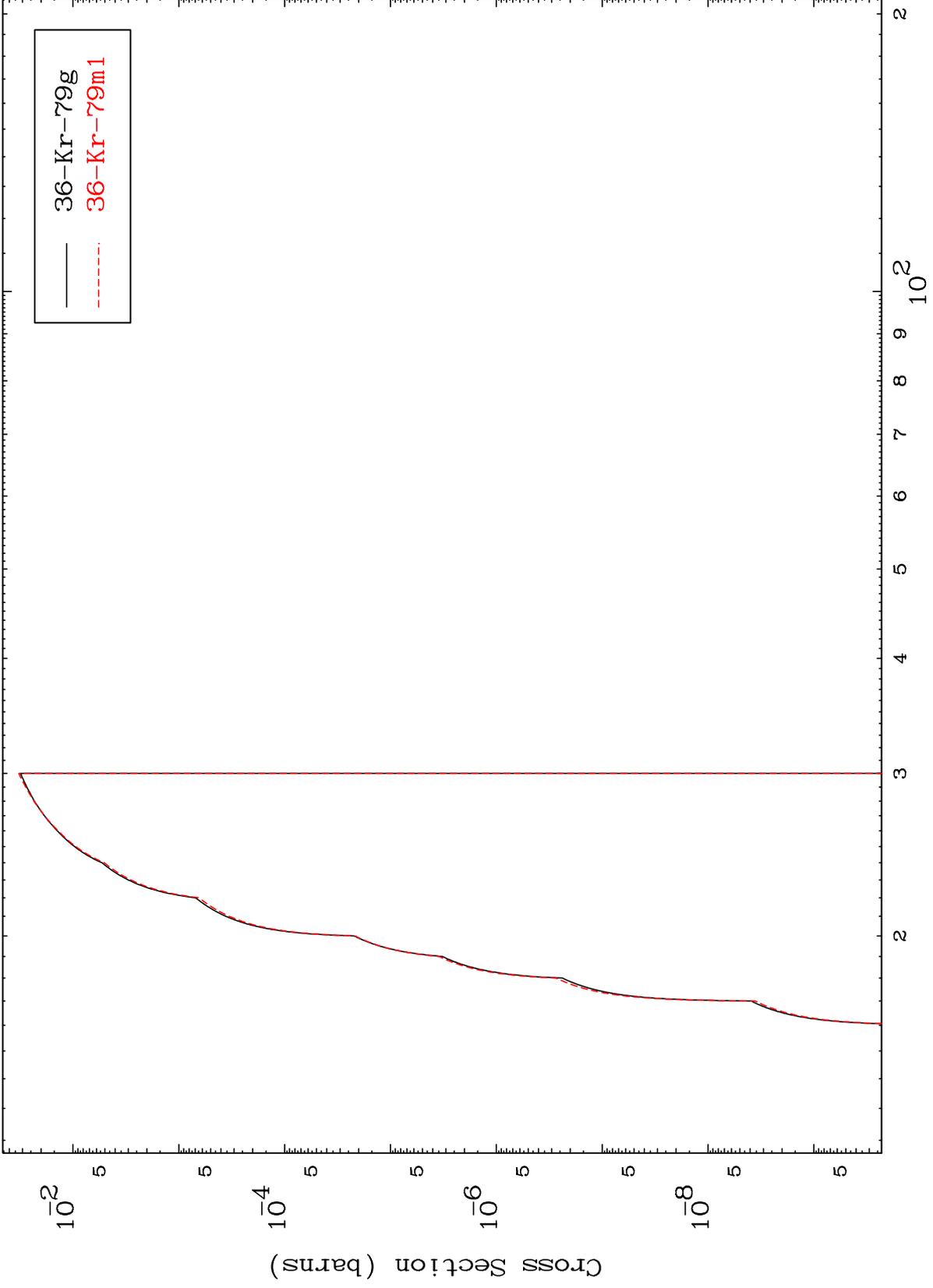


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(α, n') α

36-Kr-80

Radionuclide Production Cross Section



12

Incident Energy (MeV)

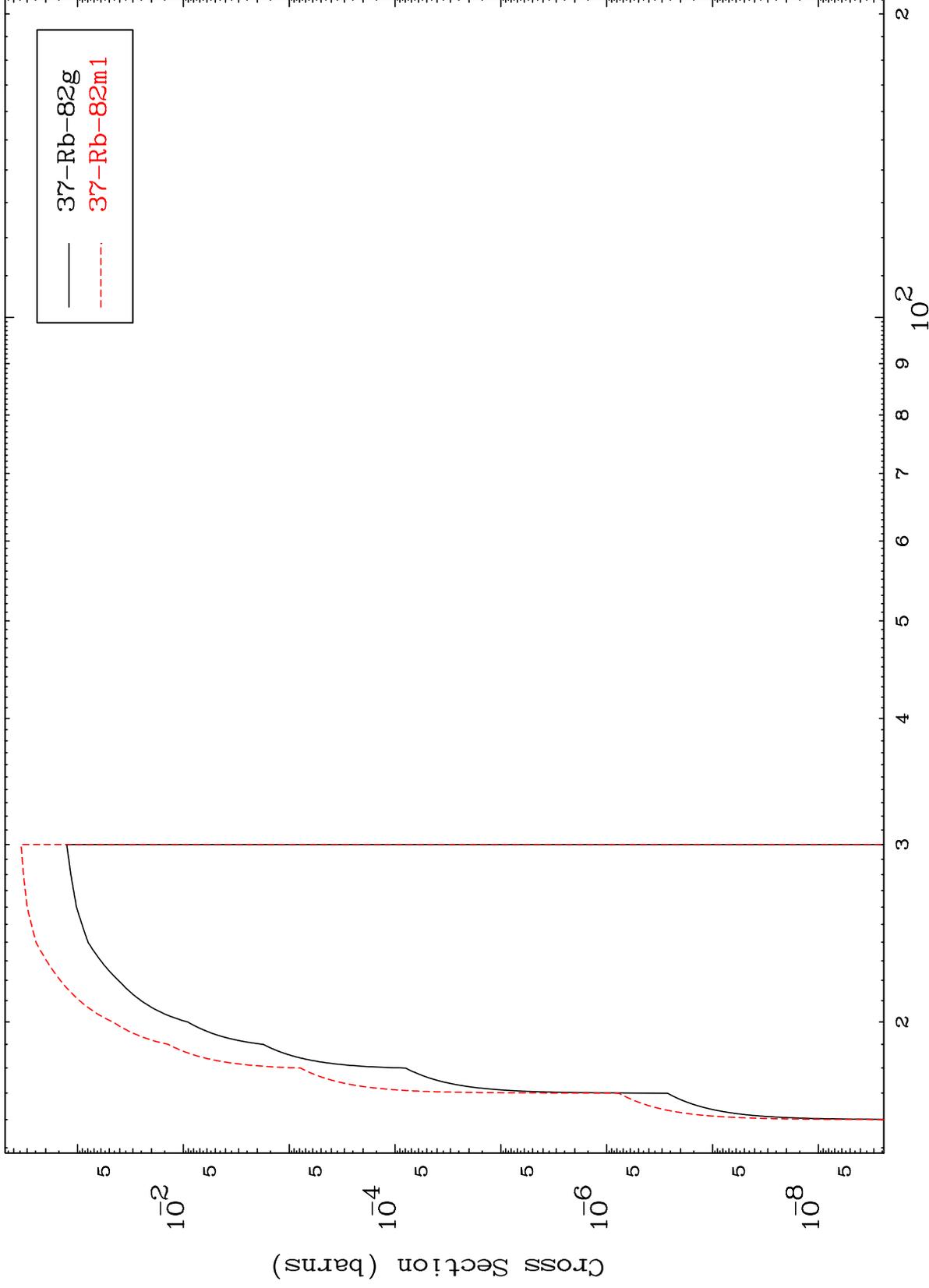
36-Kr-80

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(α, n') p

36-Kr-80

Radionuclide Production Cross Section



13

Incident Energy (MeV)

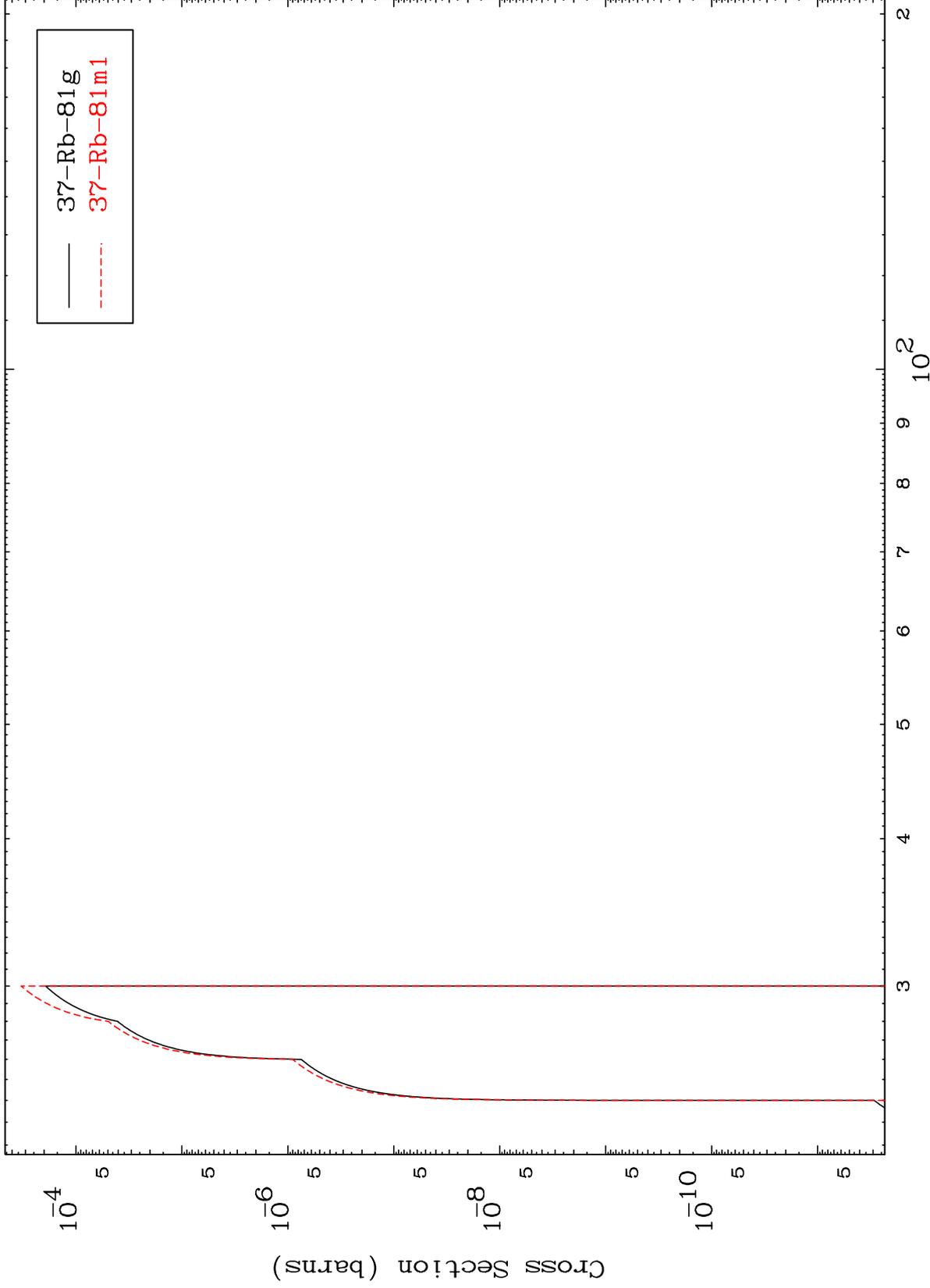
36-Kr-80

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(α, n') d

36-Kr-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

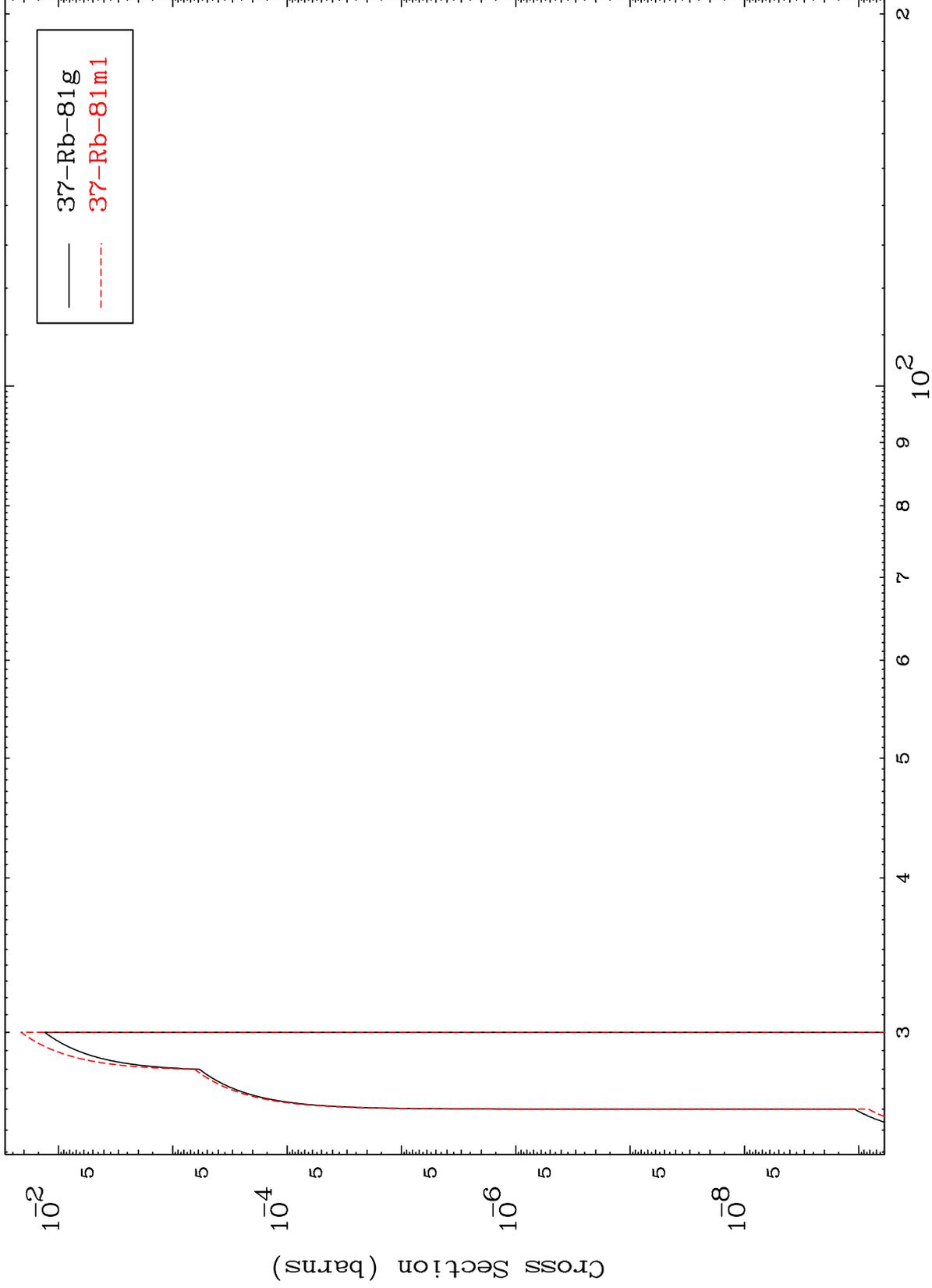
36-Kr-80

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$(\alpha, 2n)$ p

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

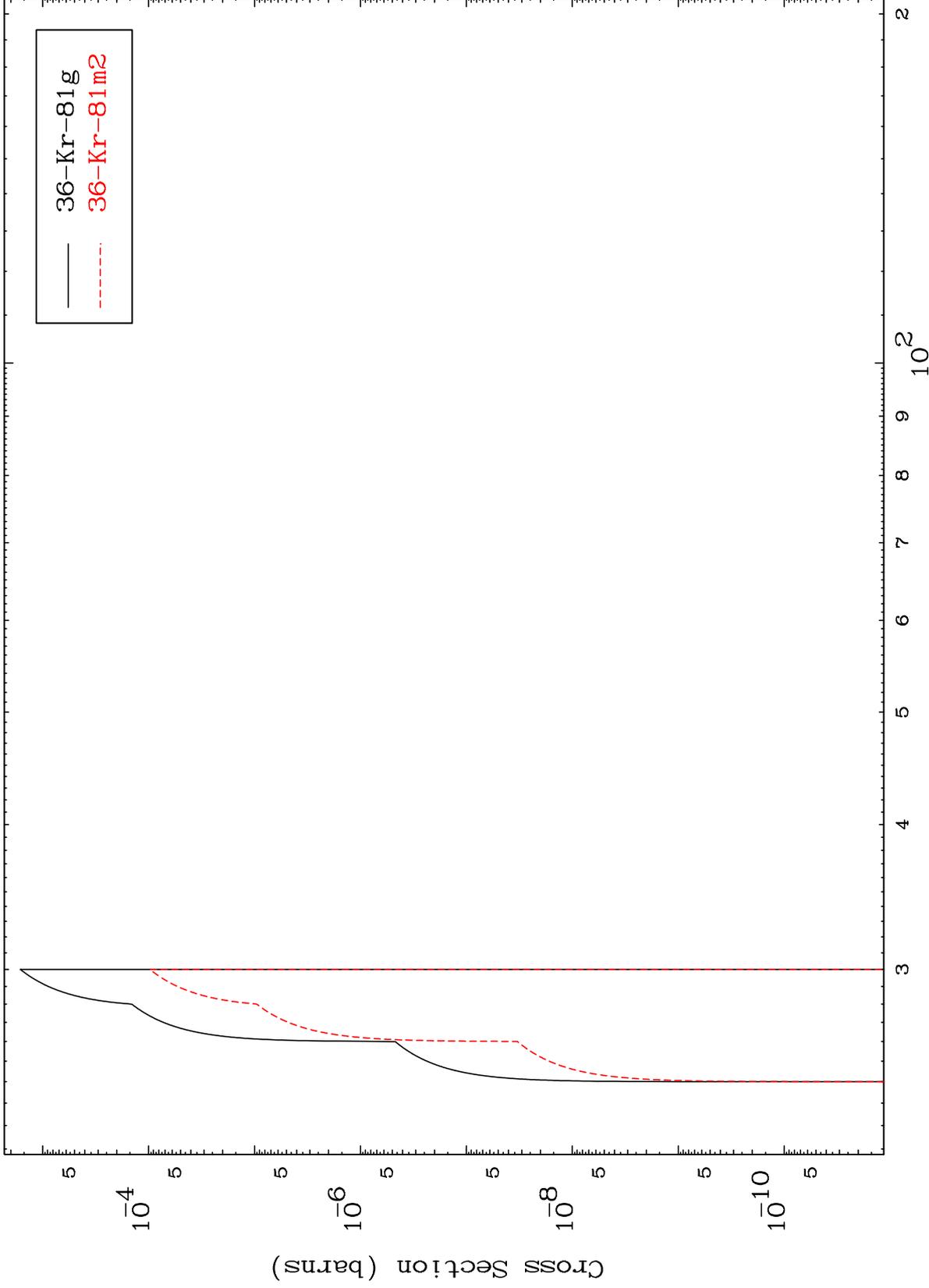
$^{36}\text{Kr-80}$

MAT 3631

$(\alpha, 2n)$ p

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

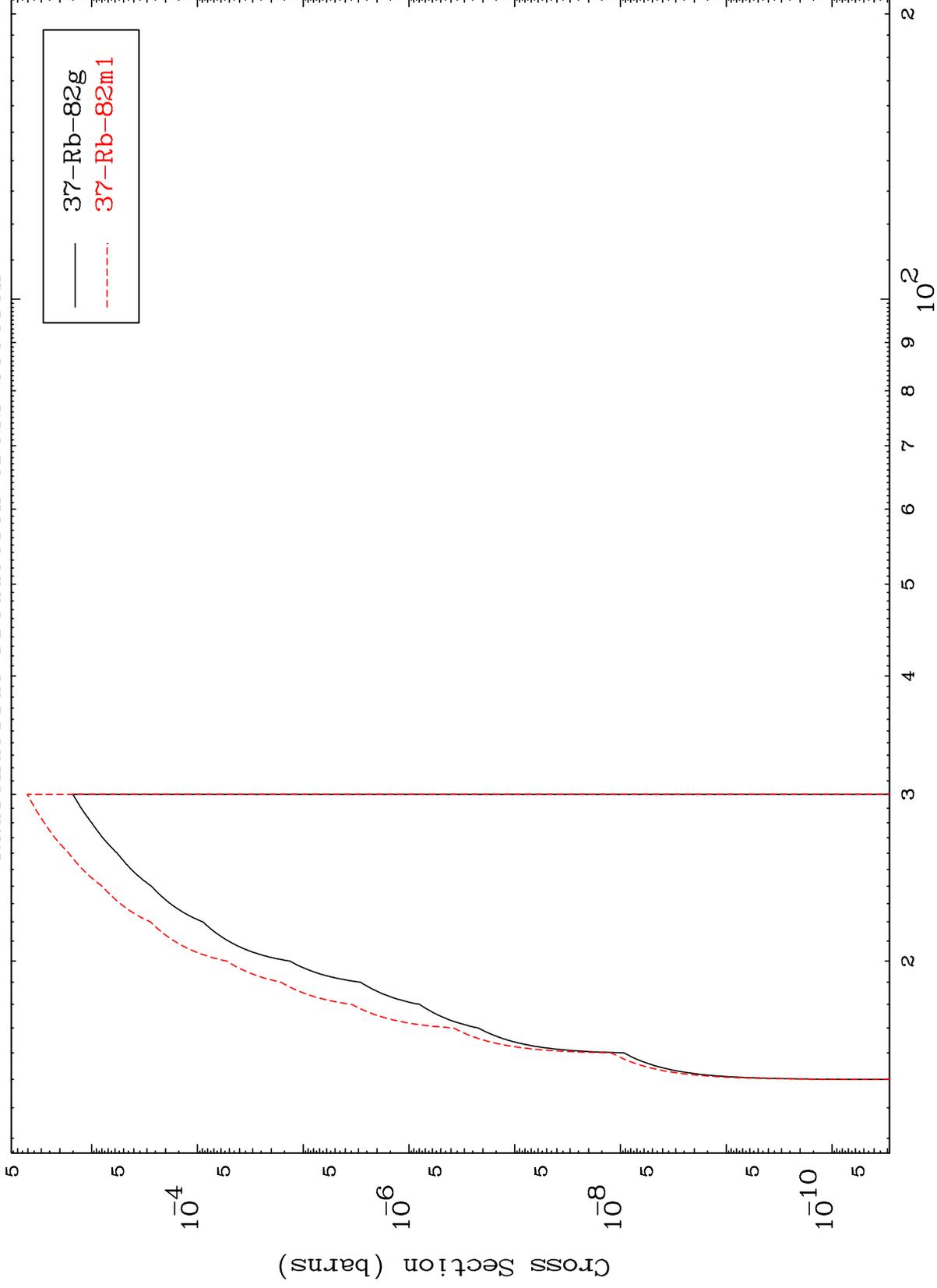
$^{36}\text{Kr-80}$

MAT 3631

(α, d)

36-Kr-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

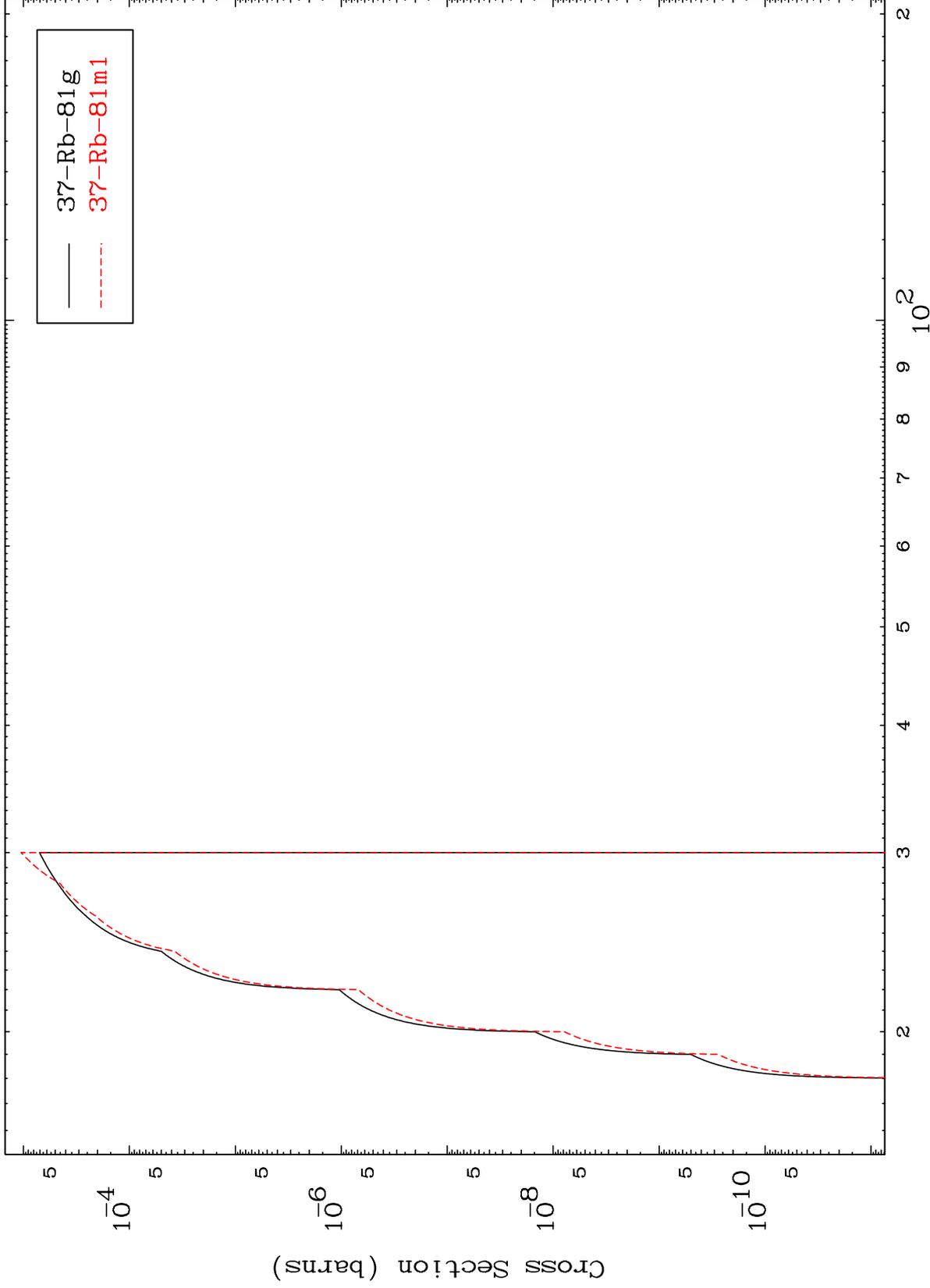
36-Kr-80

MAT 3631

(α, t)

36-Kr-80

Radionuclide Production Cross Section



18

Incident Energy (MeV)

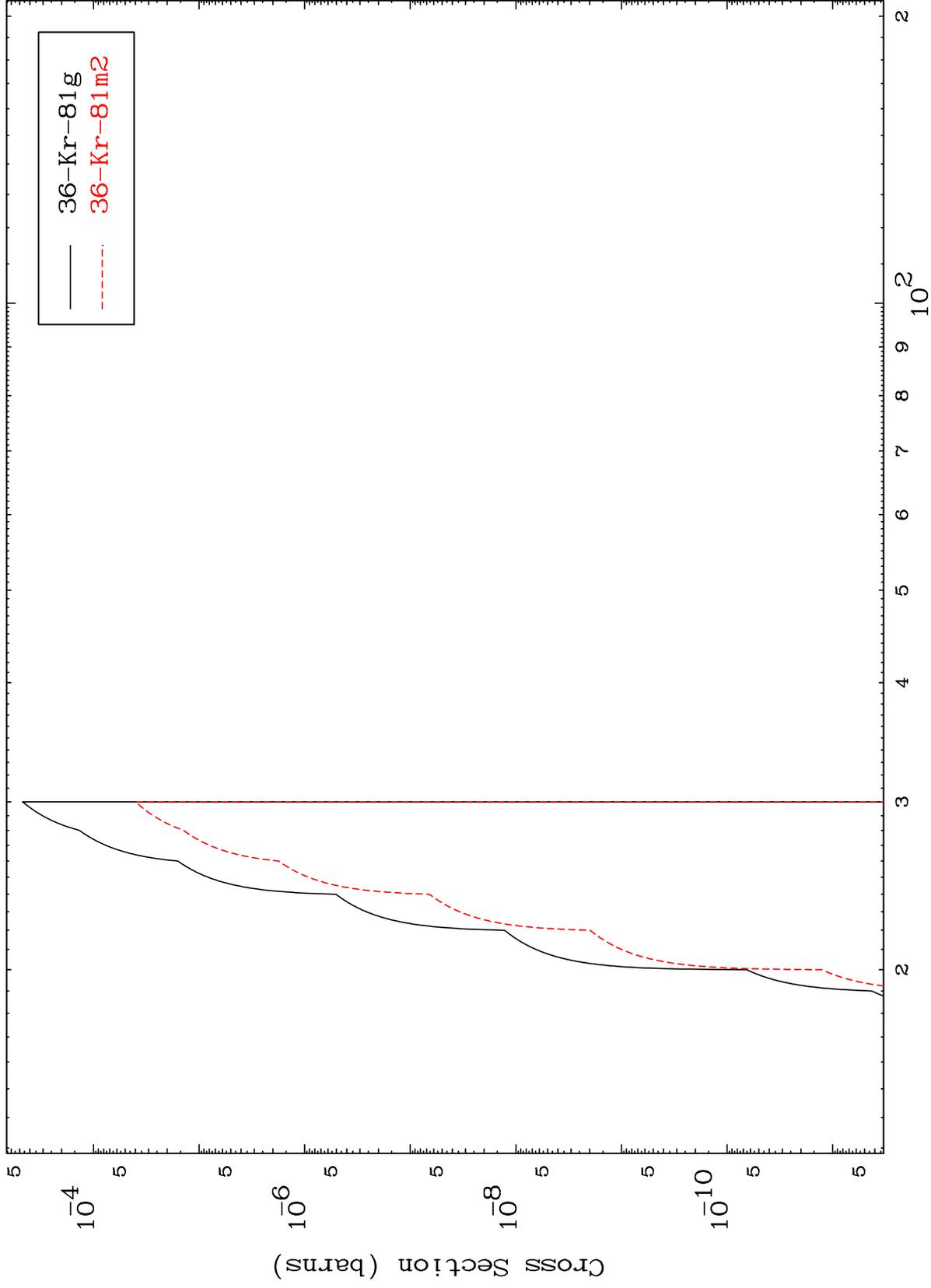
36-Kr-80

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

36-Kr-80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

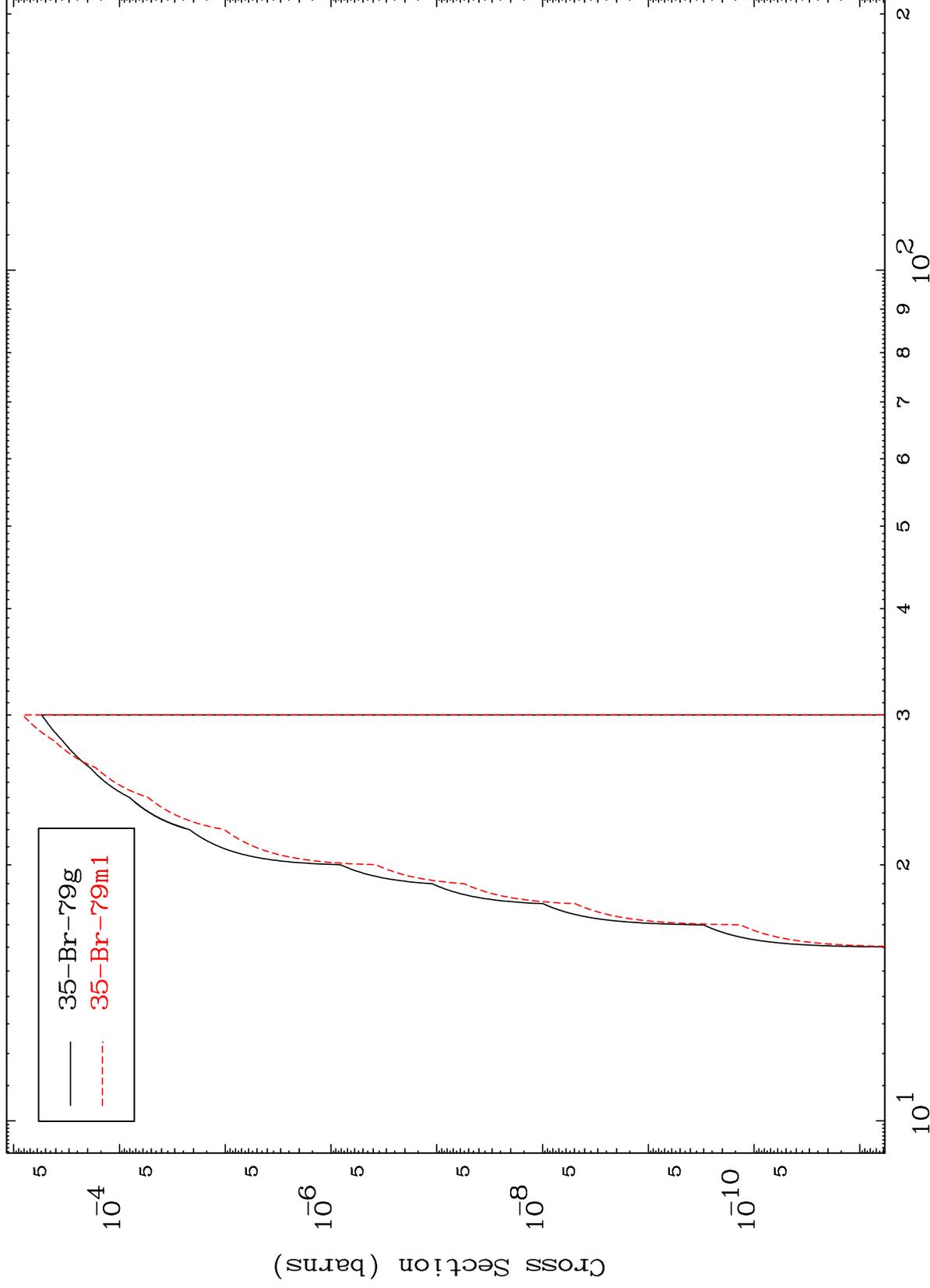
36-Kr-80

MAT 3631

(α, p) α

36-Kr-80

Radionuclide Production Cross Section



Incident Energy (MeV)

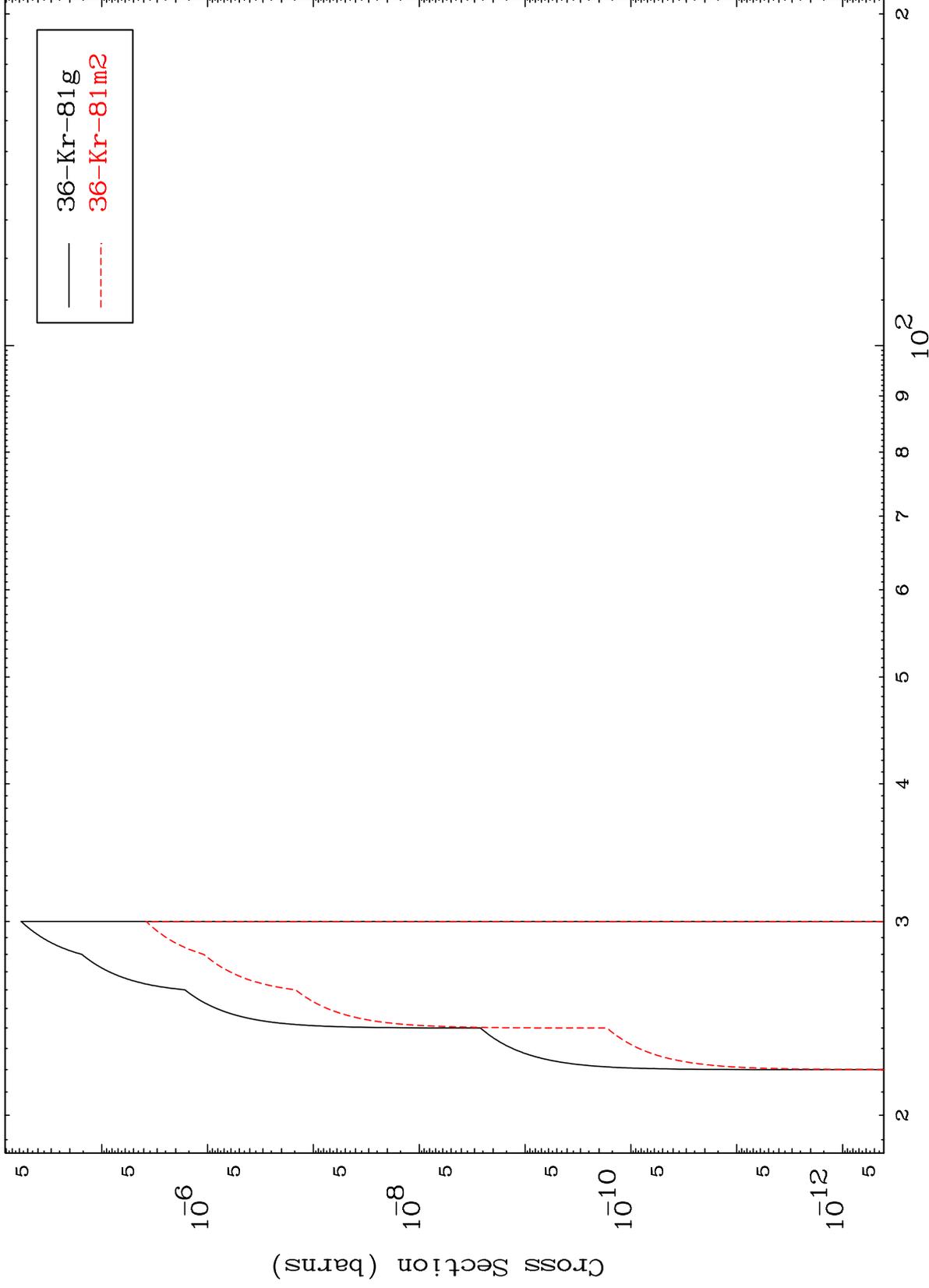
36-Kr-80

MAT 3631

(α, p) d

36-Kr-80

Radionuclide Production Cross Section



21

Incident Energy (MeV)

36-Kr-80