

Program EVALPLOT
(Version 2018-1)

by

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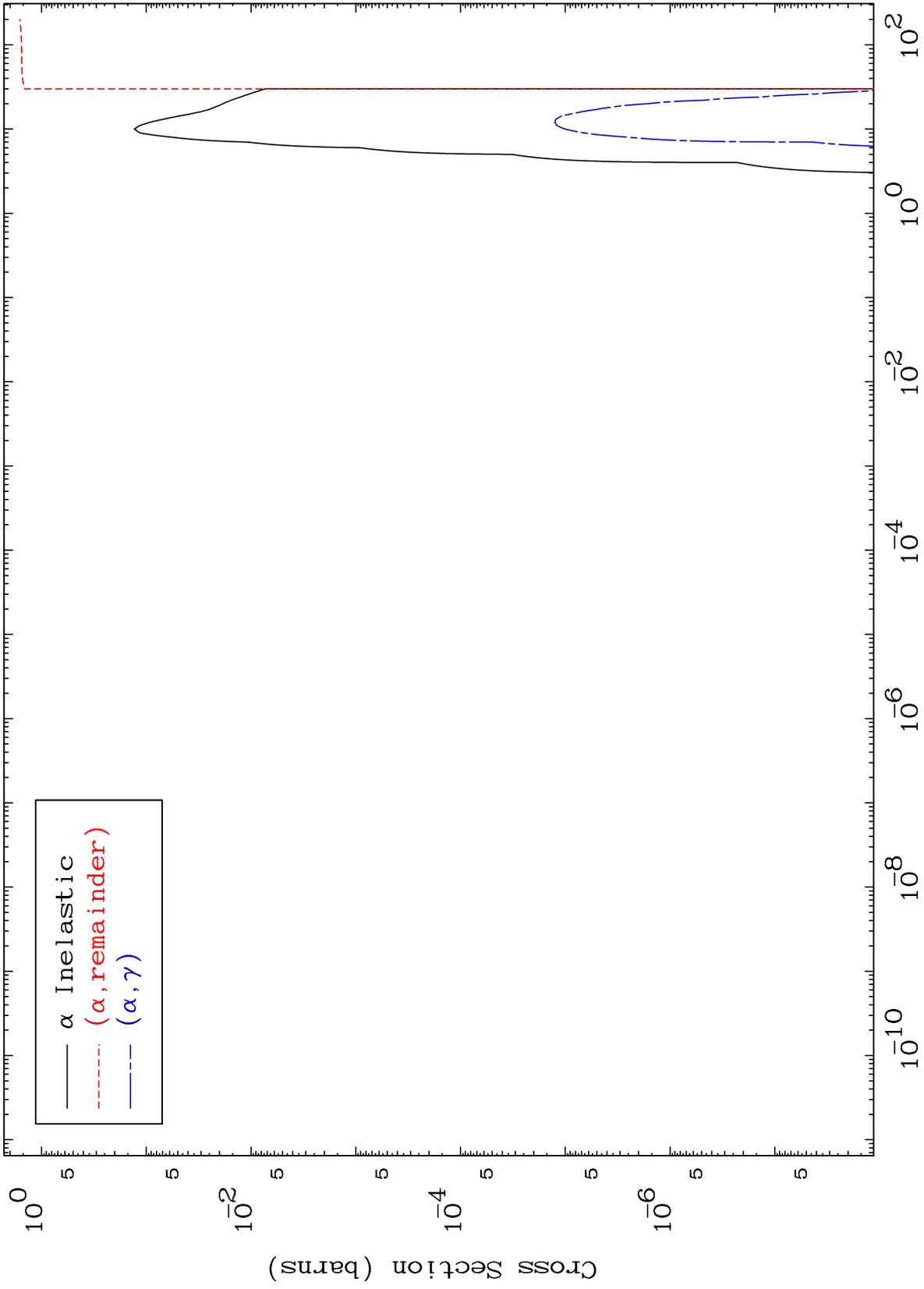
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2646

0 Kelvin α Major
Cross Sections

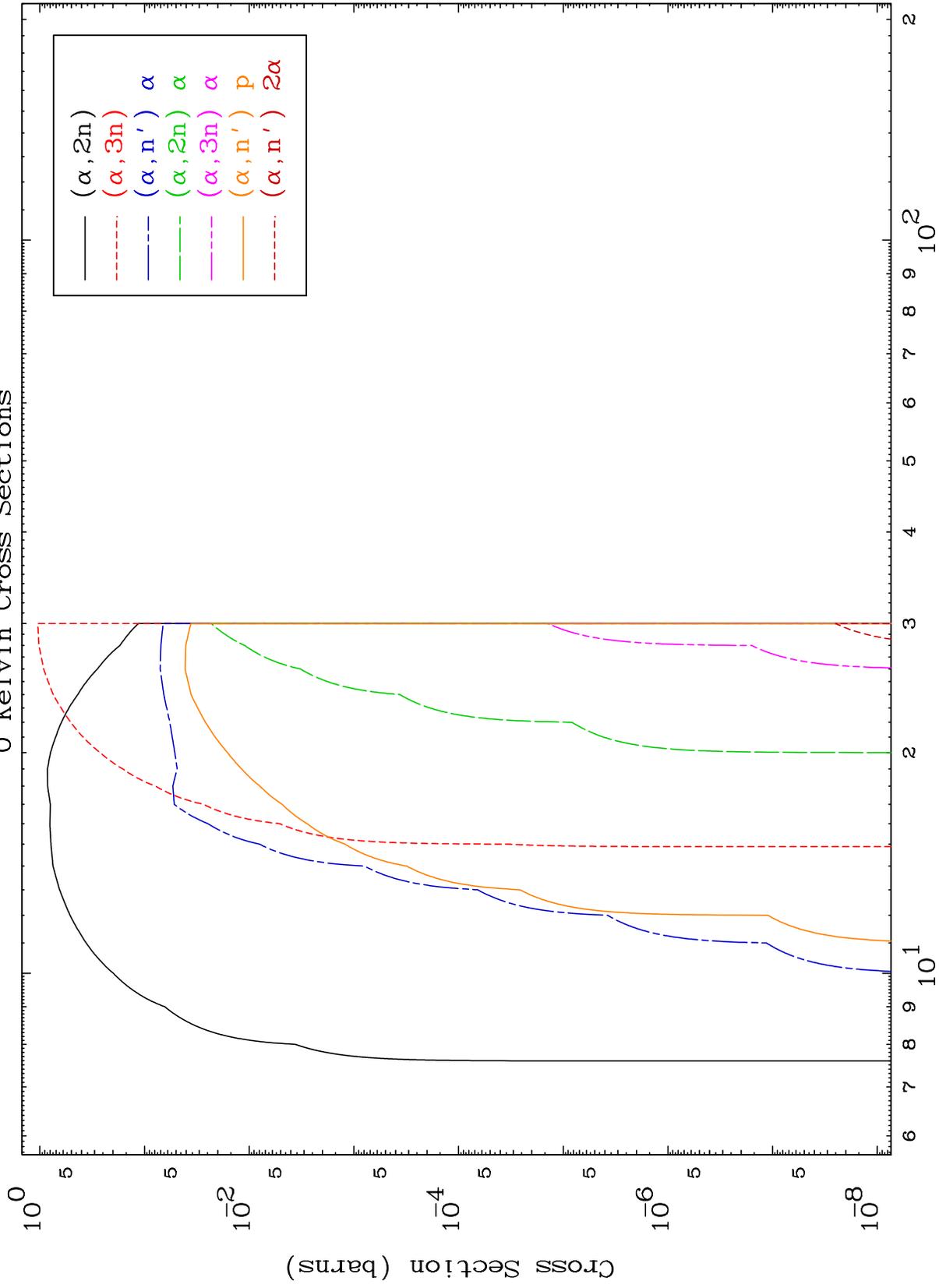
$^{26}\text{Fe-61}$



MAT 2646

α Neutron Production
0 Kelvin Cross Sections

$^{26}\text{Fe-61}$



2

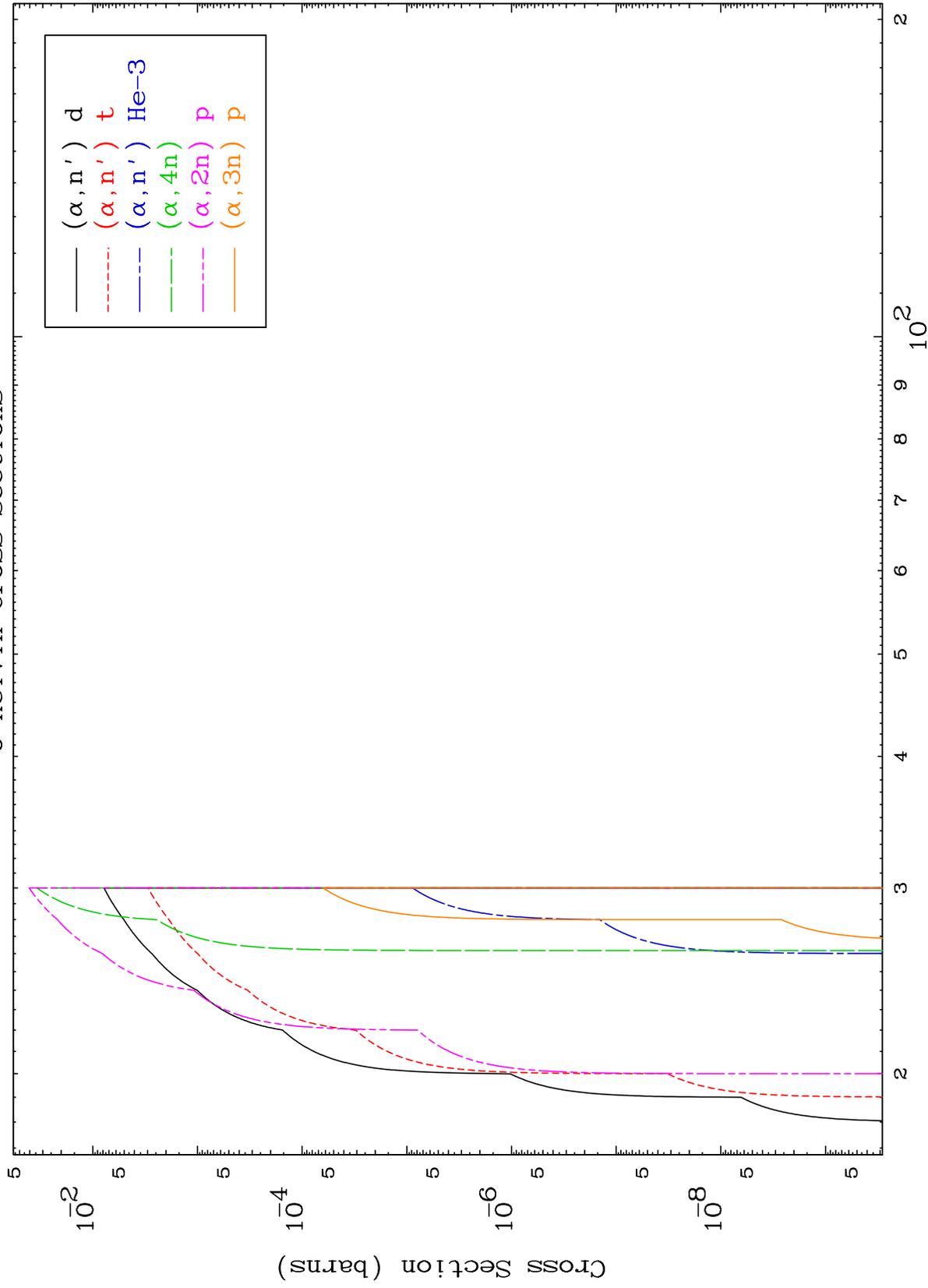
Incident Energy (MeV)

$^{26}\text{Fe-61}$

MAT 2646

α Neutron Production
0 Kelvin Cross Sections

²⁶Fe-61



3

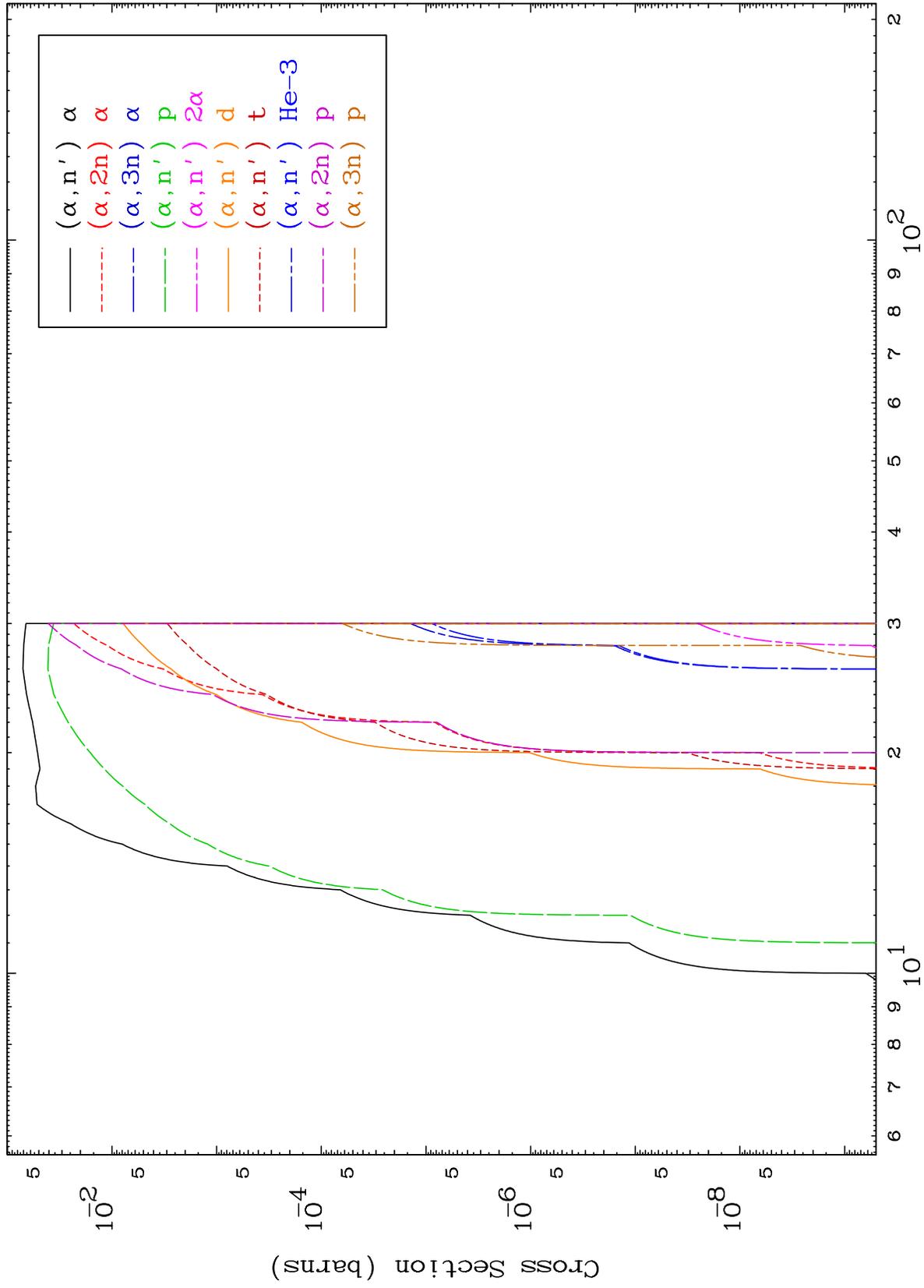
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

α Charged Particle
0 Kelvin Cross Sections

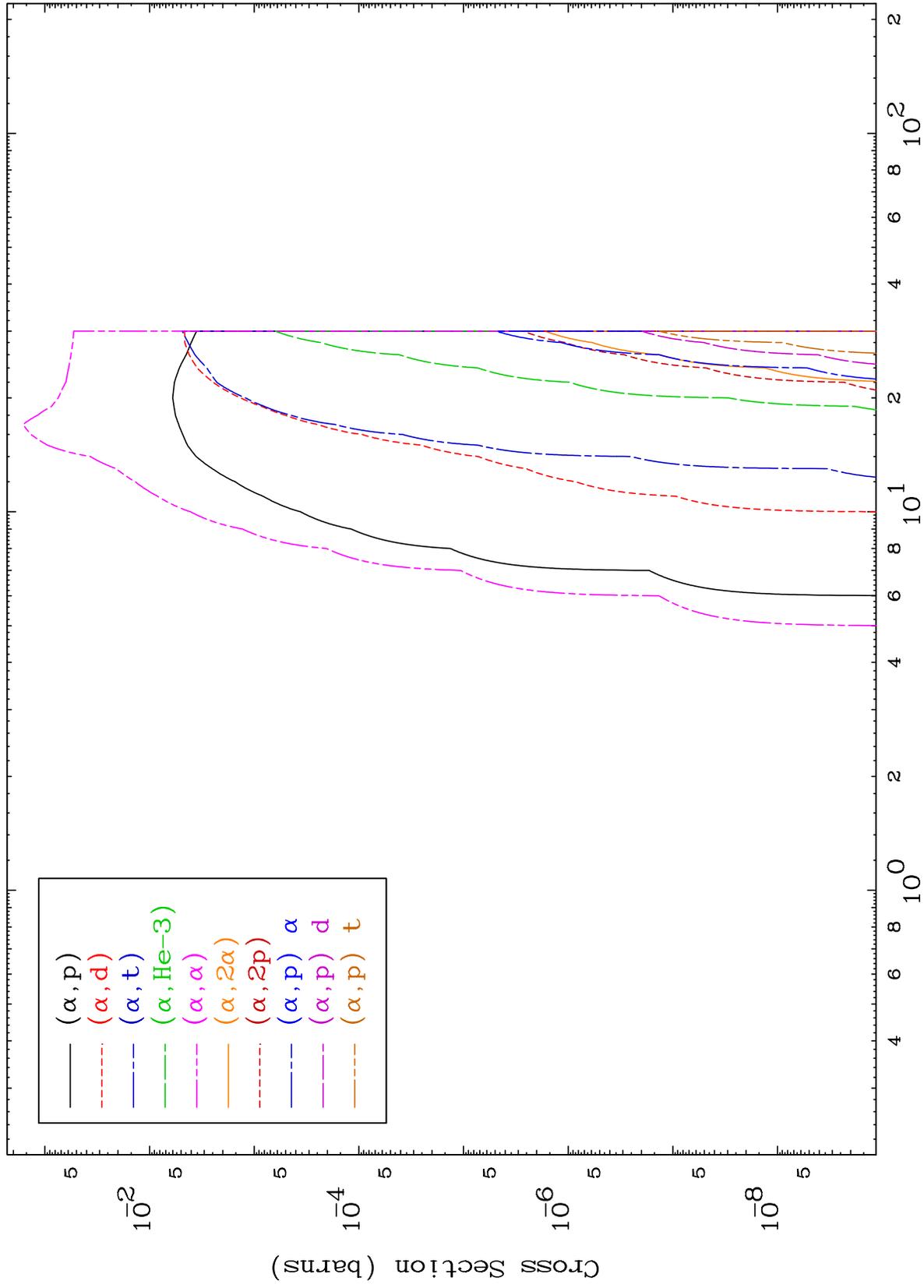
26-Fe-61



4

Incident Energy (MeV)

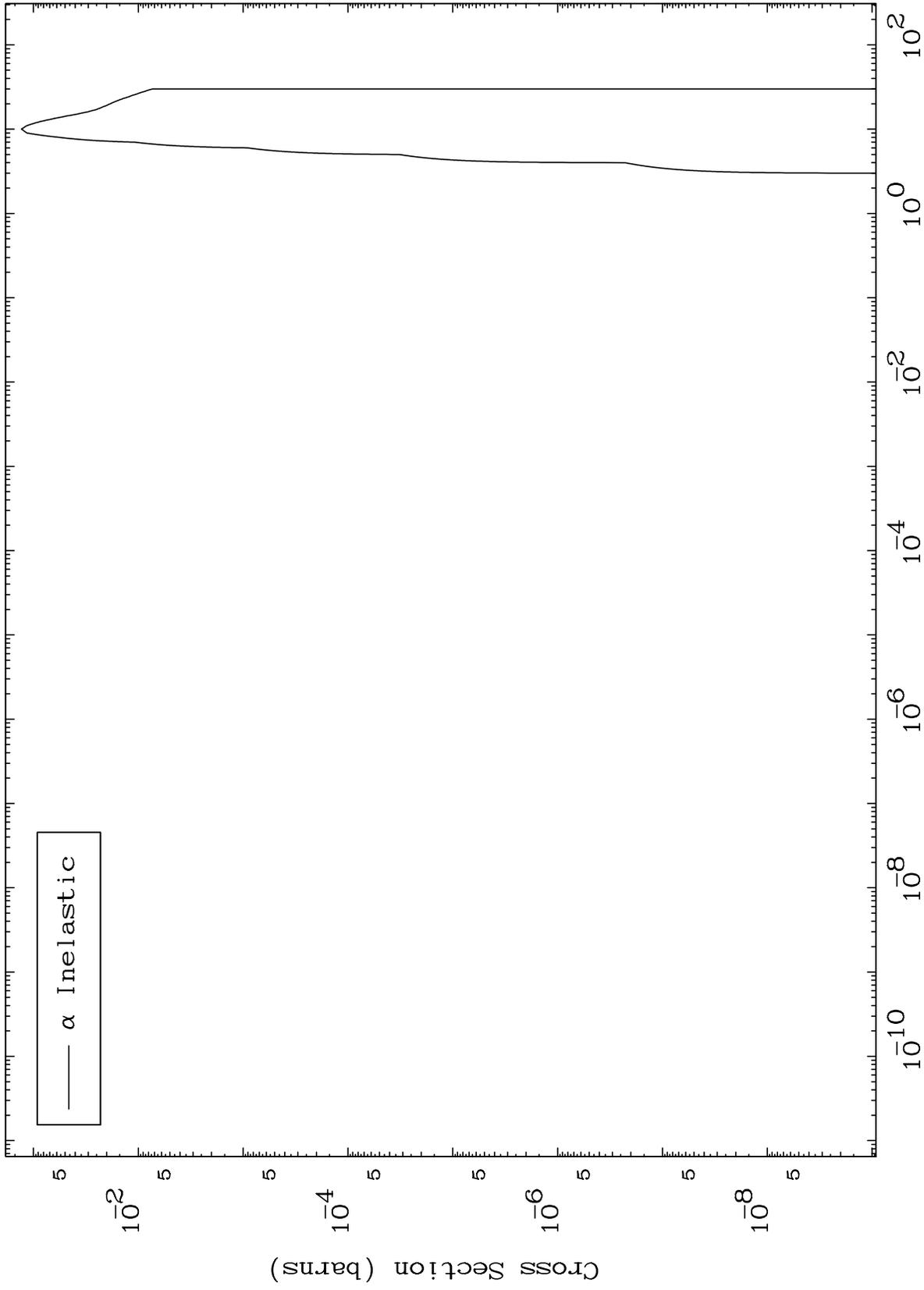
26-Fe-61



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(α, n') Level
0 Kelvin Cross Sections

26-Fe-61



6

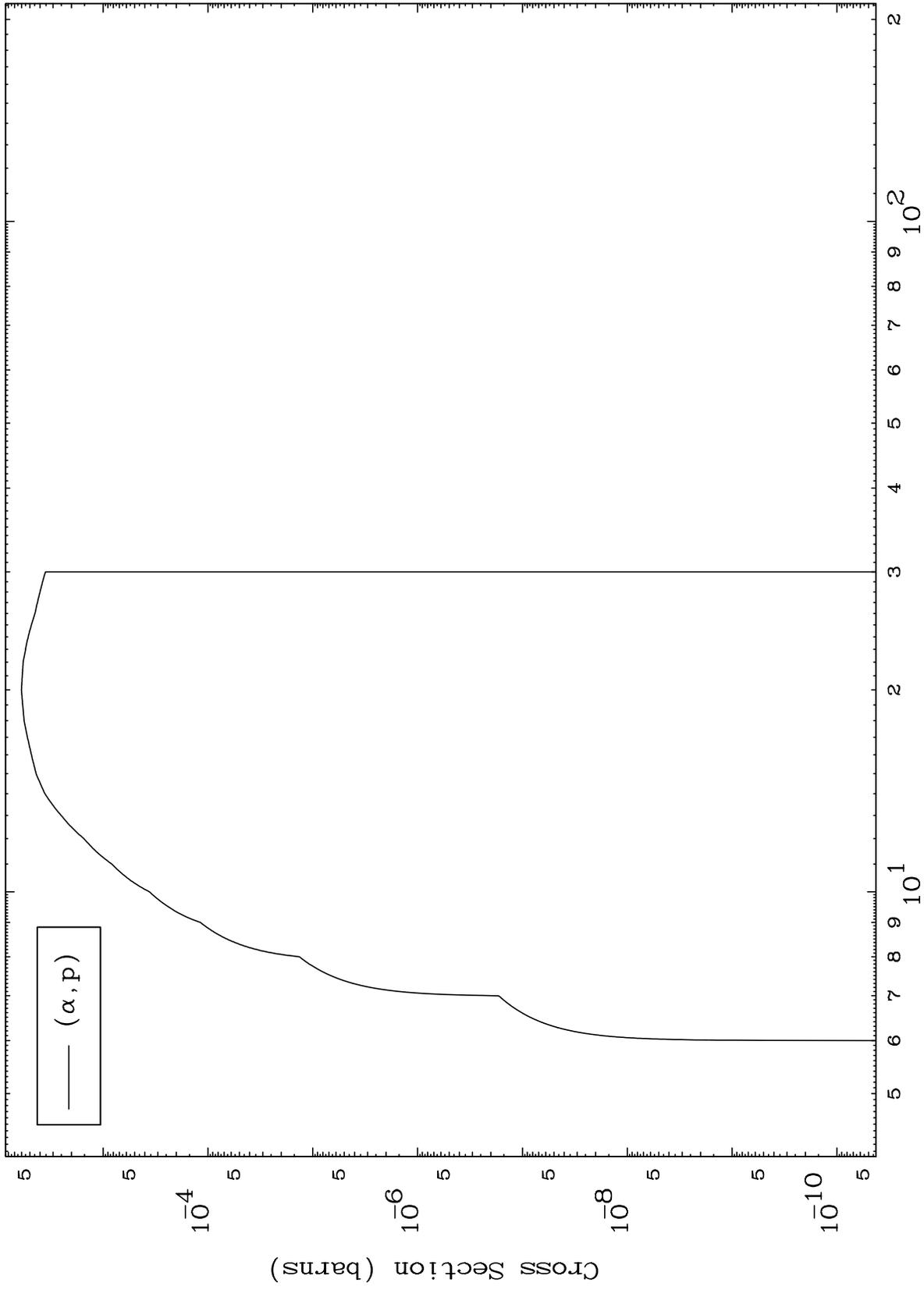
Incident Energy (MeV)

26-Fe-61

MAT 2646

²⁶Fe-61

(α, p) Levels
0 Kelvin Cross Sections



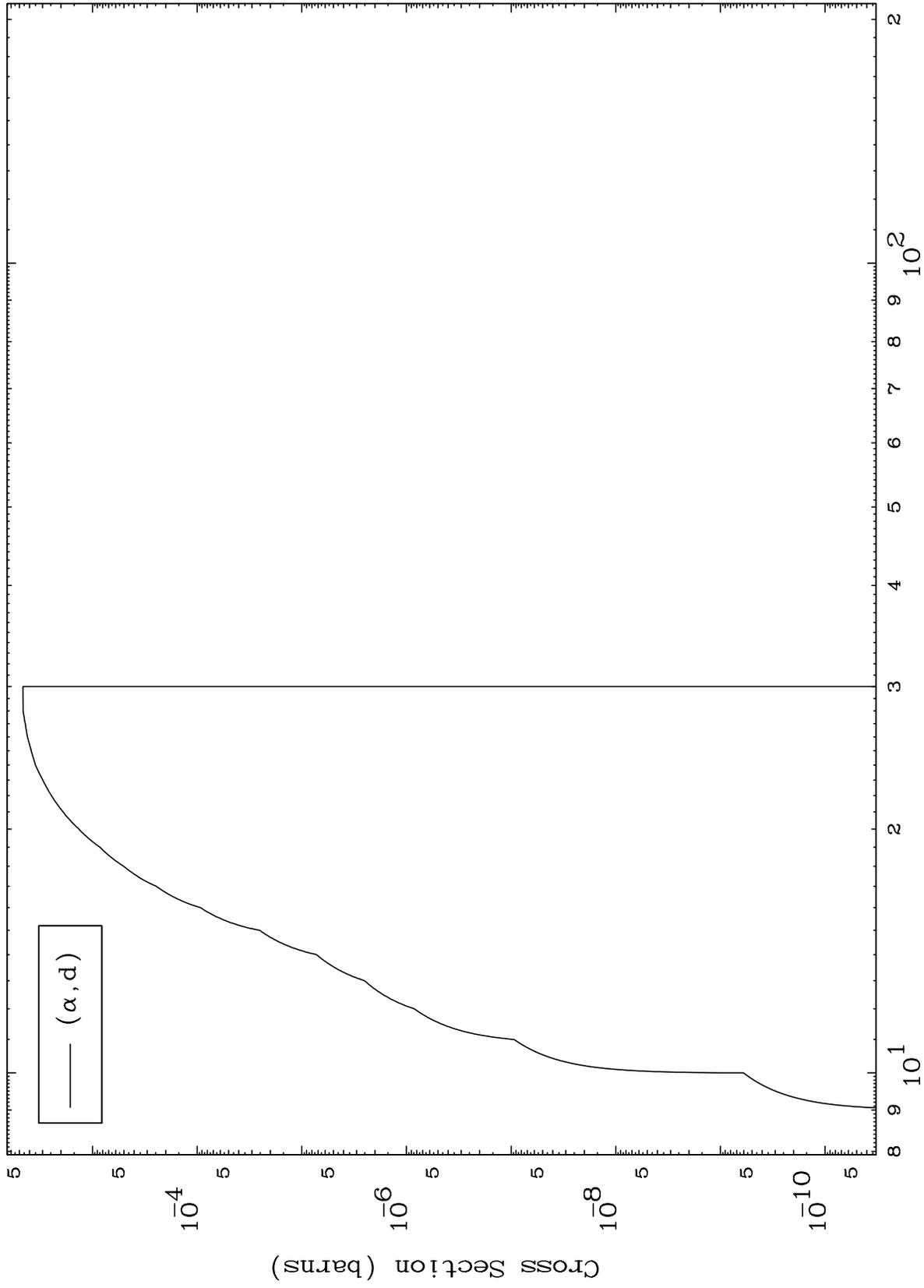
7

²⁶Fe-61

MAT 2646

(α, d) Levels
0 Kelvin Cross Sections

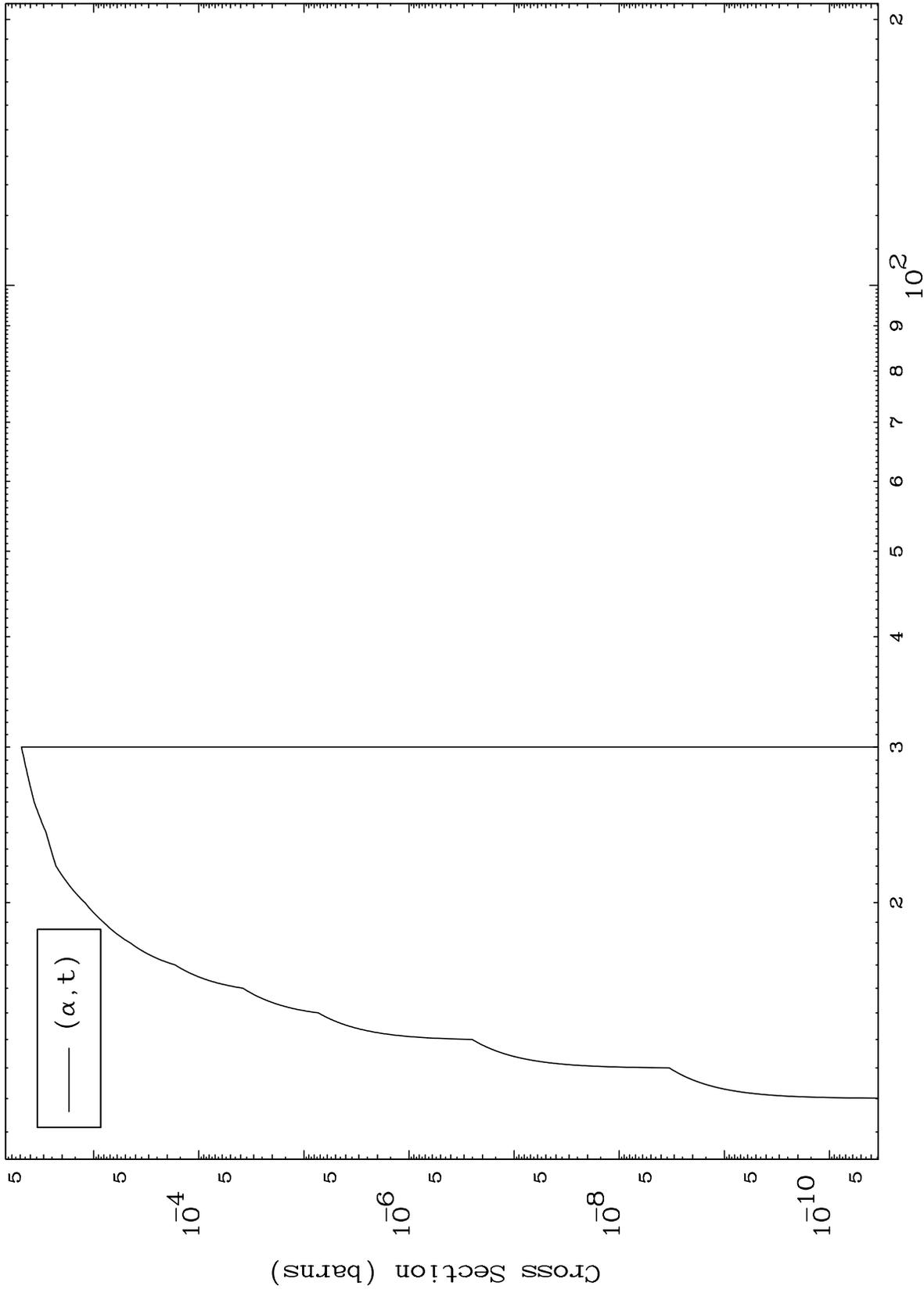
$^{26}\text{Fe-61}$



8

Incident Energy (MeV)

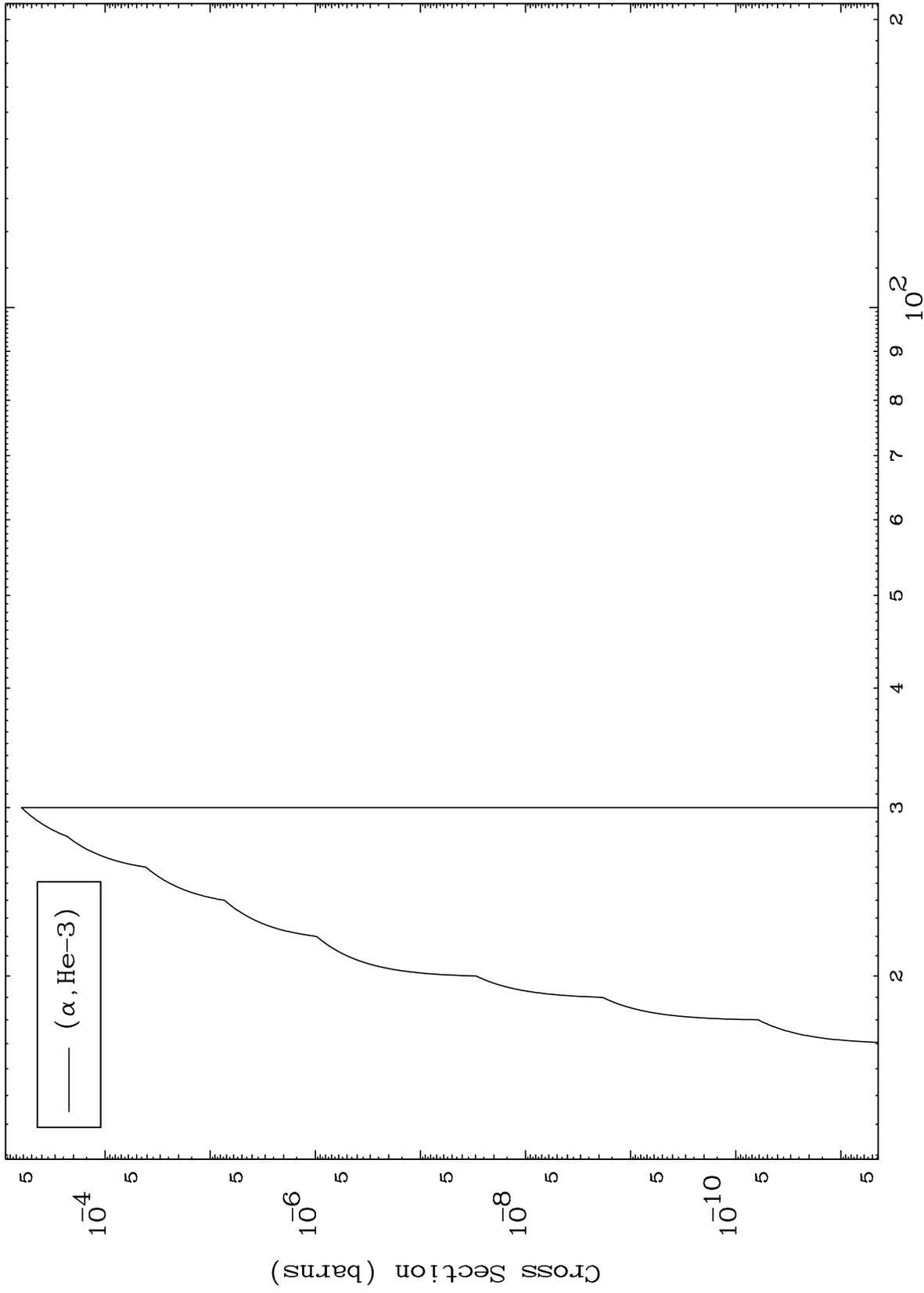
$^{26}\text{Fe-61}$



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(α , He3) Levels
0 Kelvin Cross Sections

26-Fe-61



10

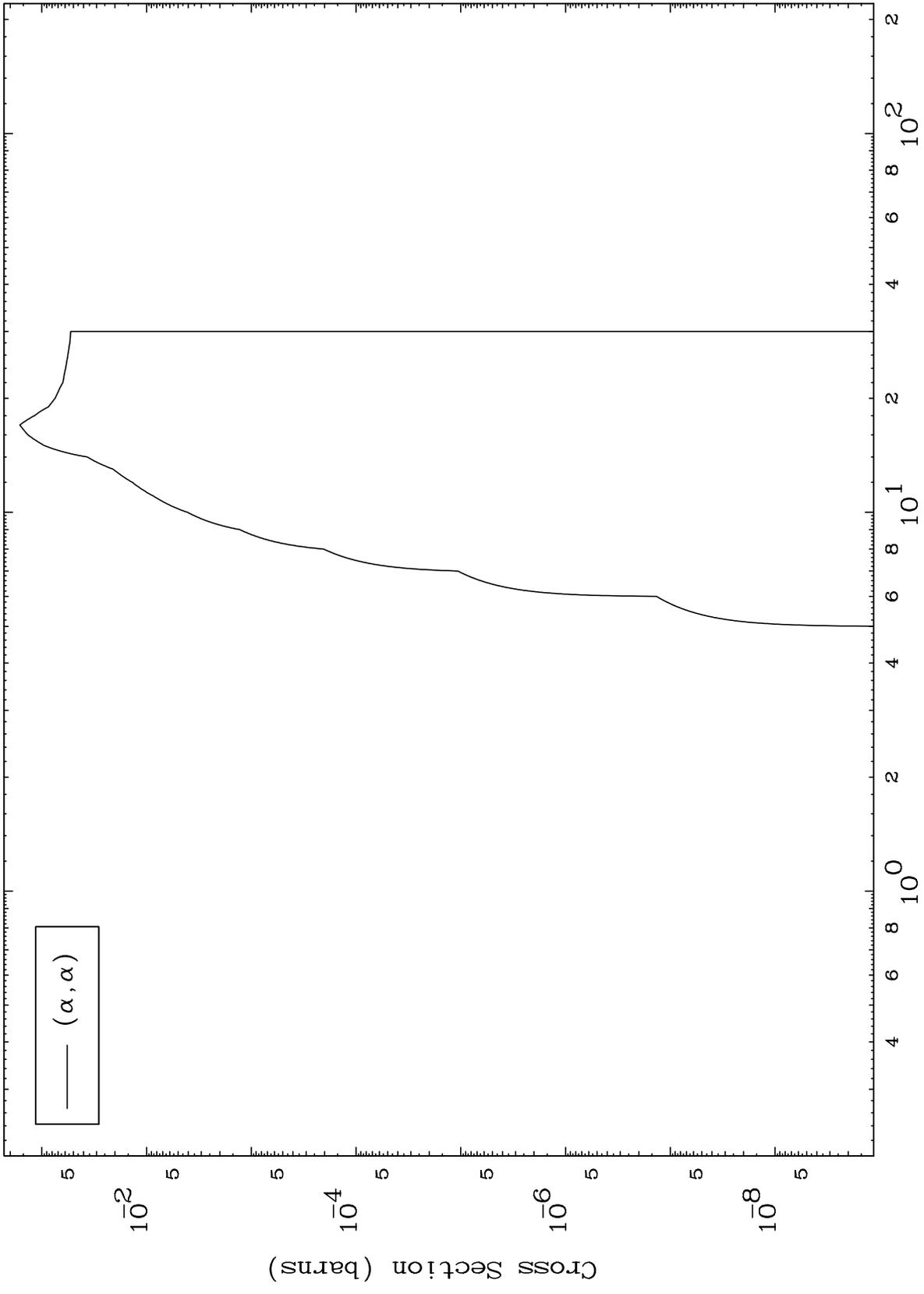
Incident Energy (MeV)

26-Fe-61

MAT 2646

(α, α) Levels
0 Kelvin Cross Sections

²⁶Fe-61

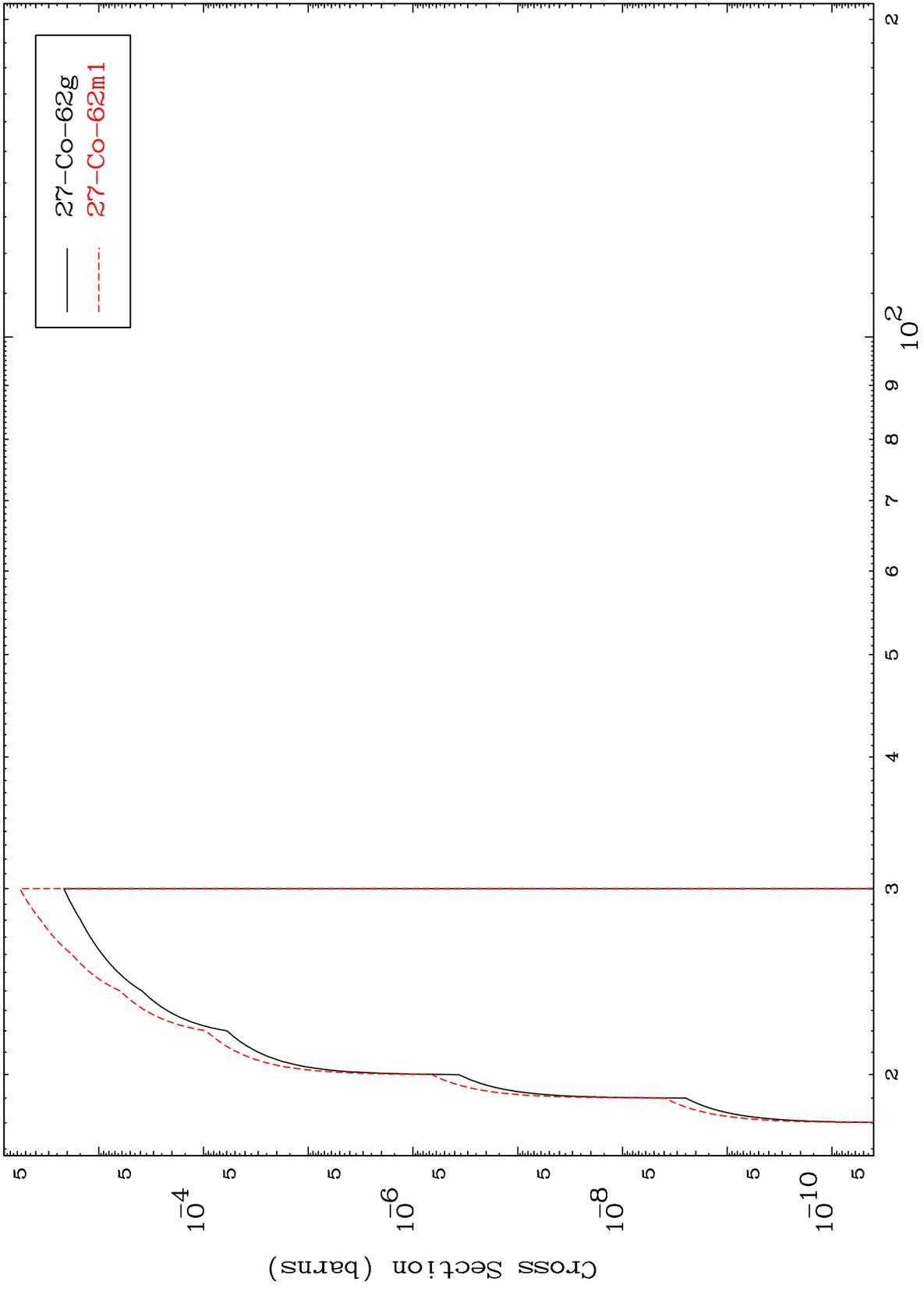


MAT 2646

(α, n') d

$^{26}\text{Fe-61}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

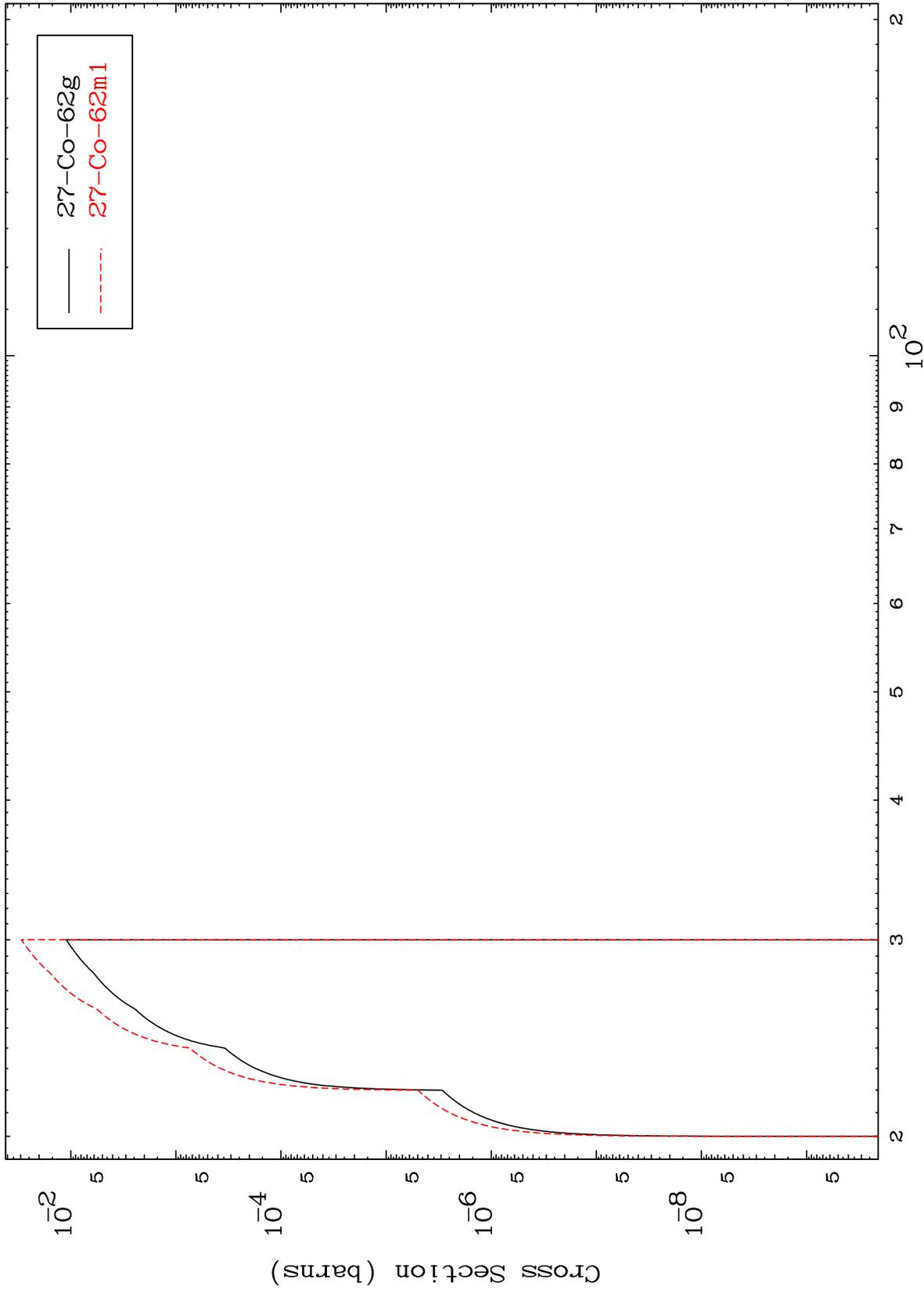
$^{26}\text{Fe-61}$

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($\alpha, 2n$) p

²⁶Fe-61

Radionuclide Production Cross Section



13

Incident Energy (MeV)

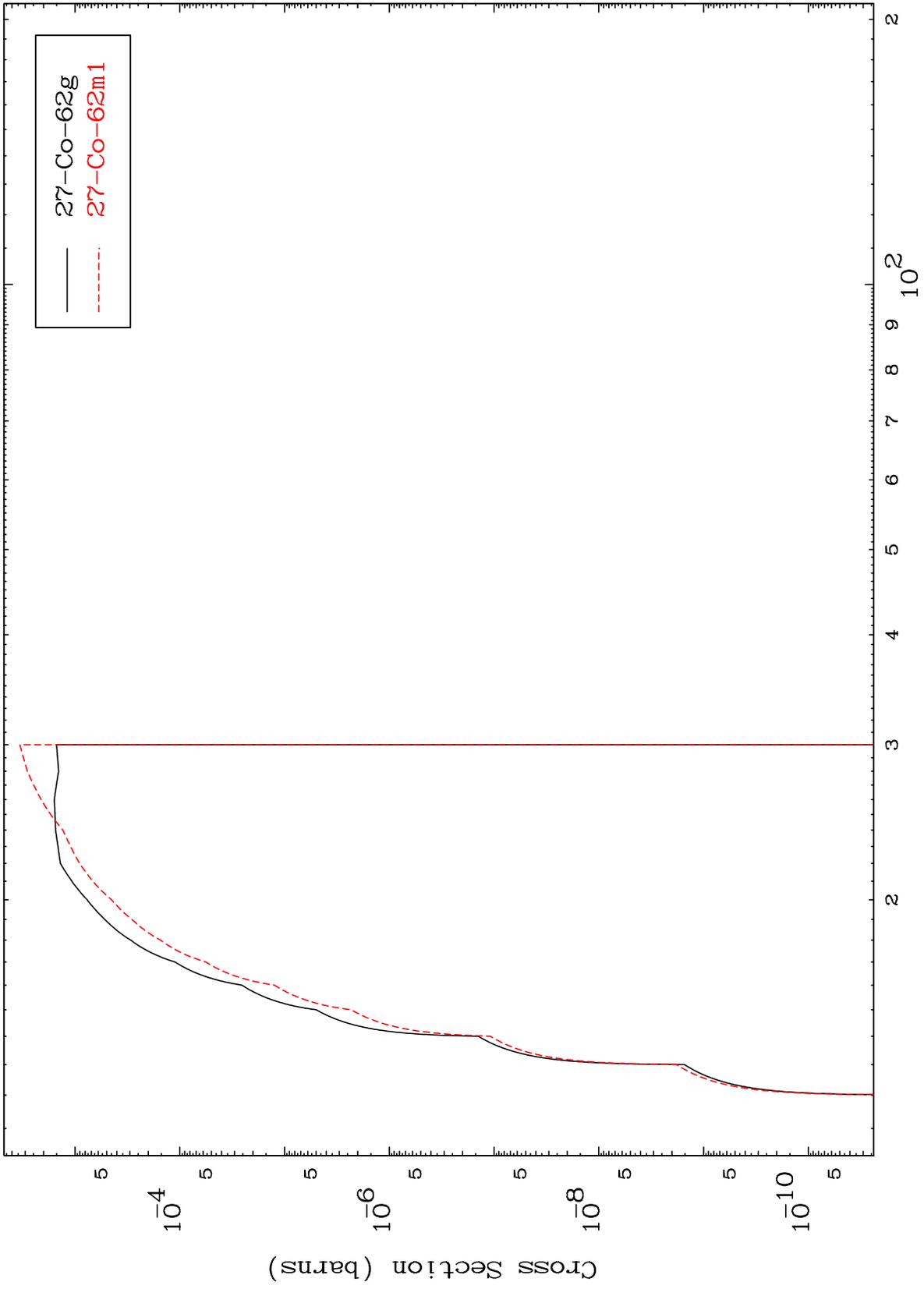
²⁶Fe-61

MAT 2646

(α, t)

$^{26}\text{Fe-61}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

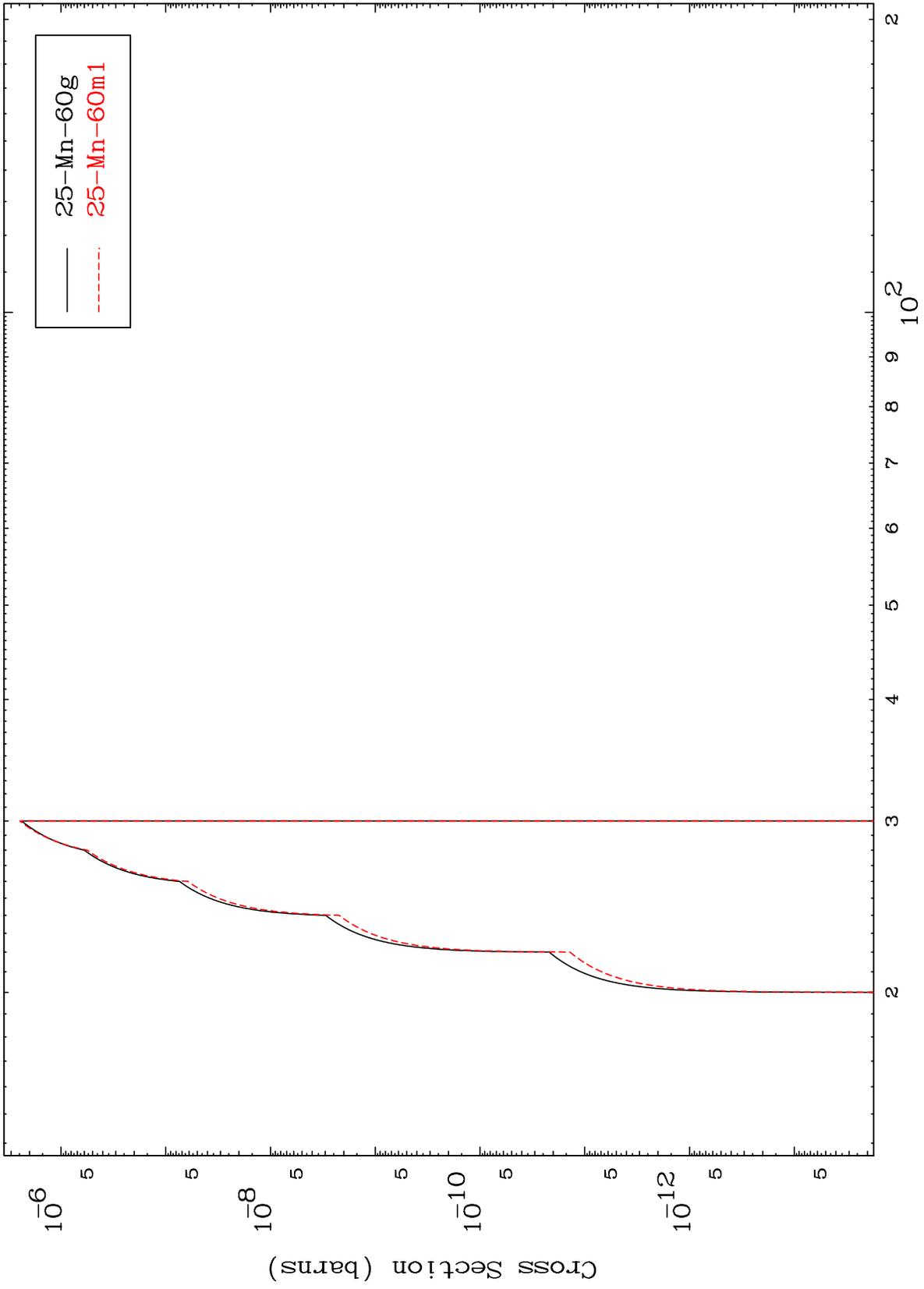
$^{26}\text{Fe-61}$

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(α, p) α

$^{26}\text{Fe-61}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{26}\text{Fe-61}$