

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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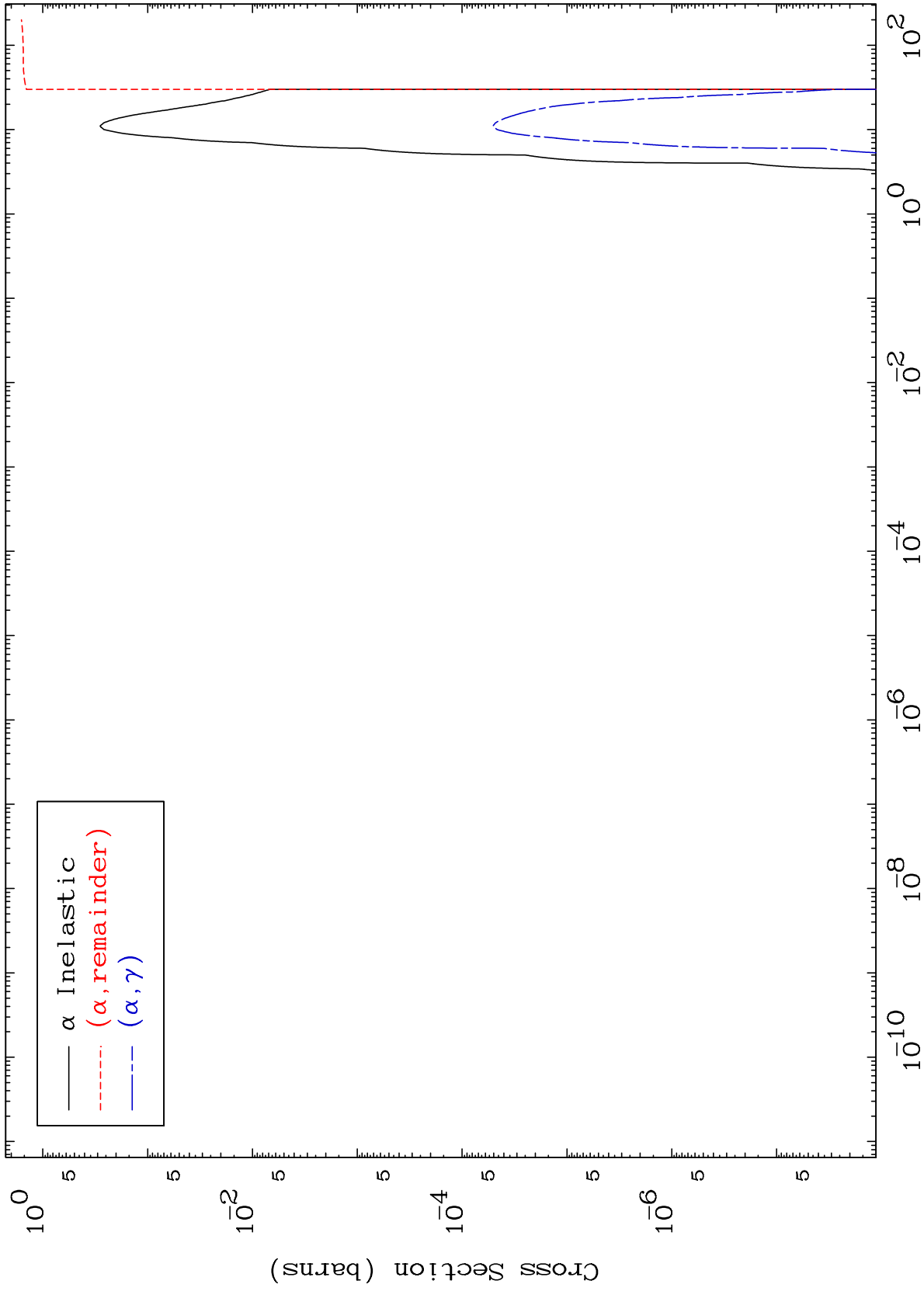
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2643

0 Kelvin α Major
Cross Sections

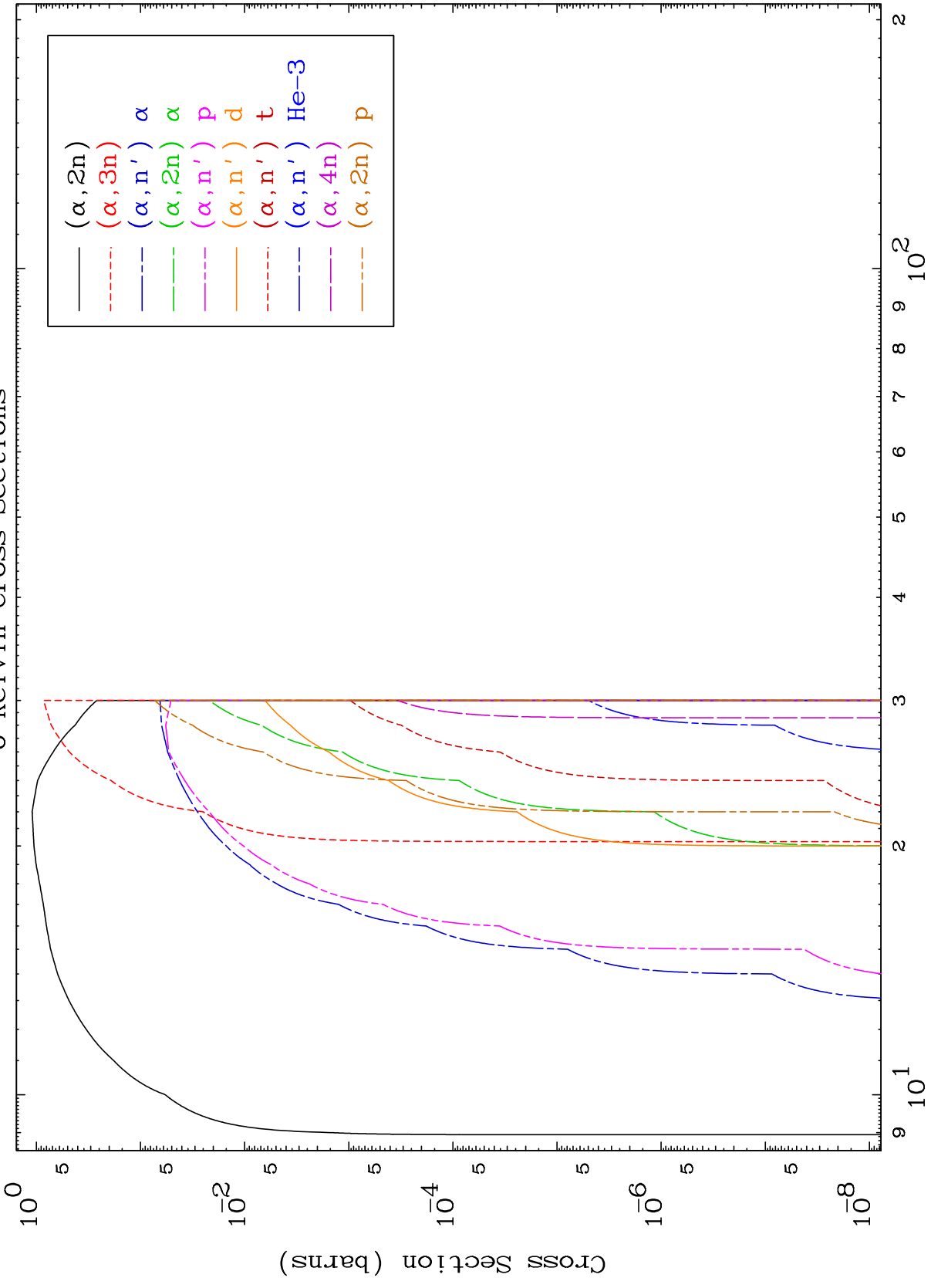
$^{26}\text{Fe-60}$



MAT 2643

α Neutron Production
0 Kelvin Cross Sections

²⁶Fe-60



2

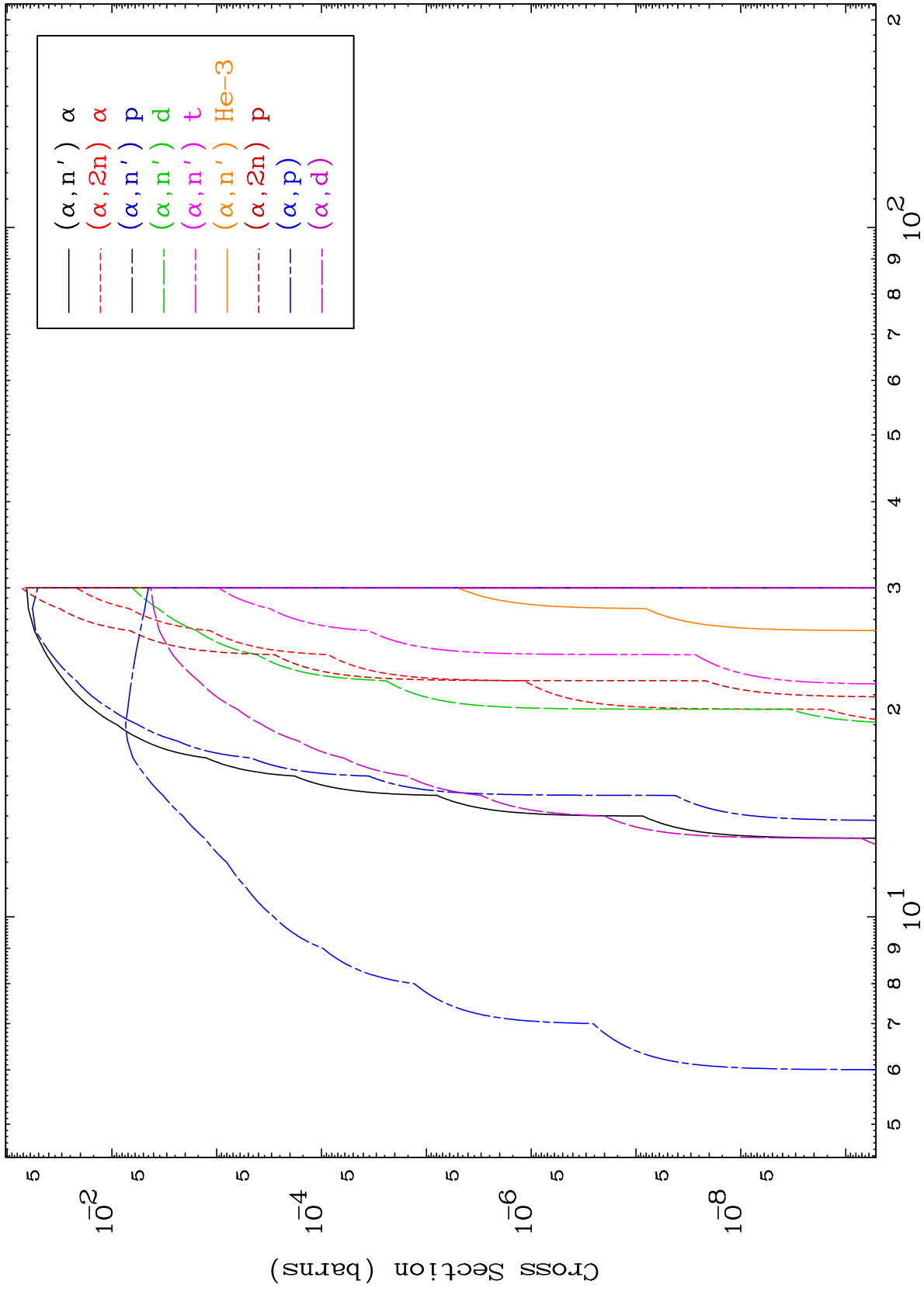
Incident Energy (MeV)

²⁶Fe-60

MAT 2643

α Charged Particle
0 Kelvin Cross Sections

26-Fe-60



3

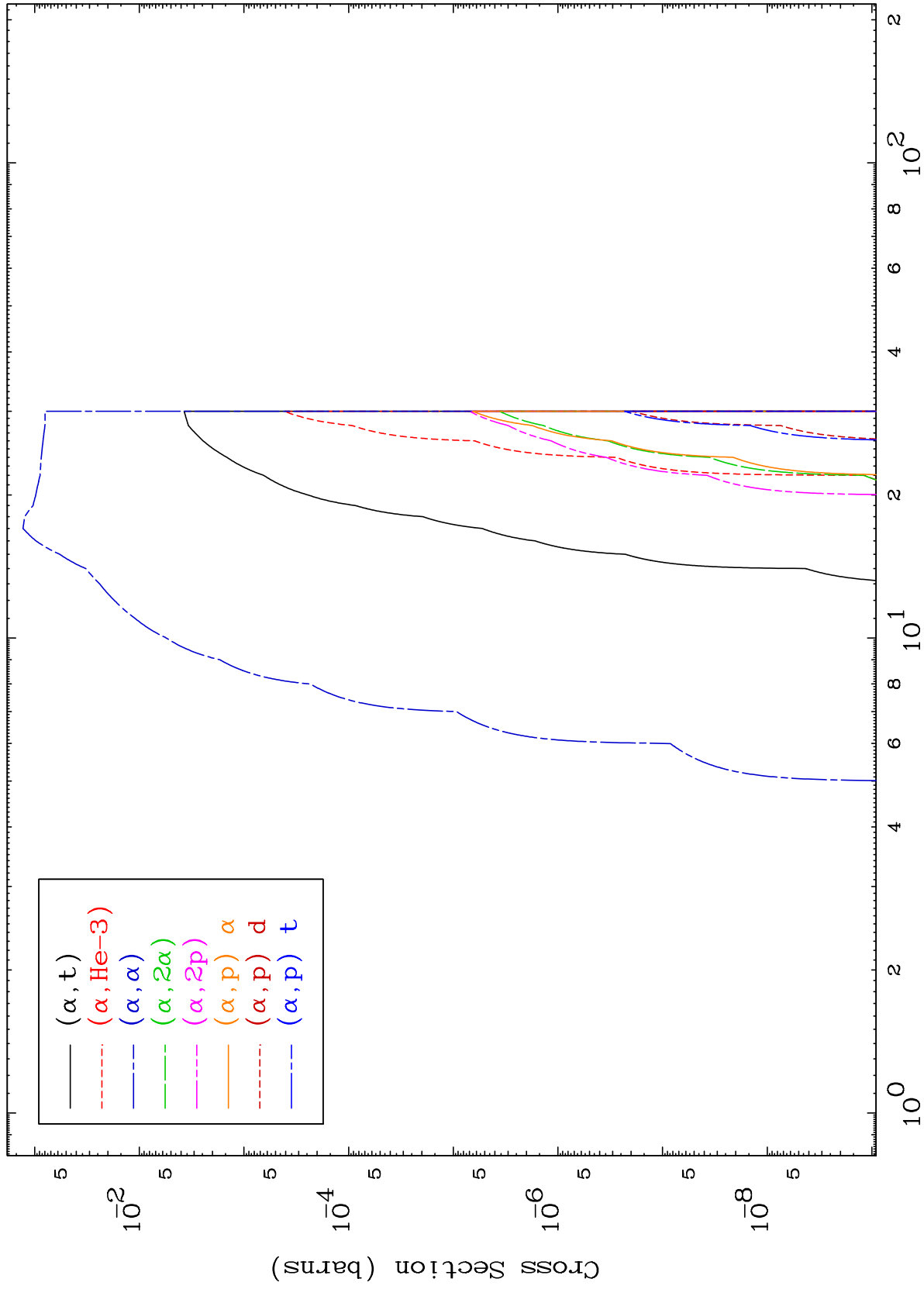
Incident Energy (MeV)

26-Fe-60

MAT 2643

α Charged Particle
0 Kelvin Cross Sections

$^{26}\text{Fe-60}$



4

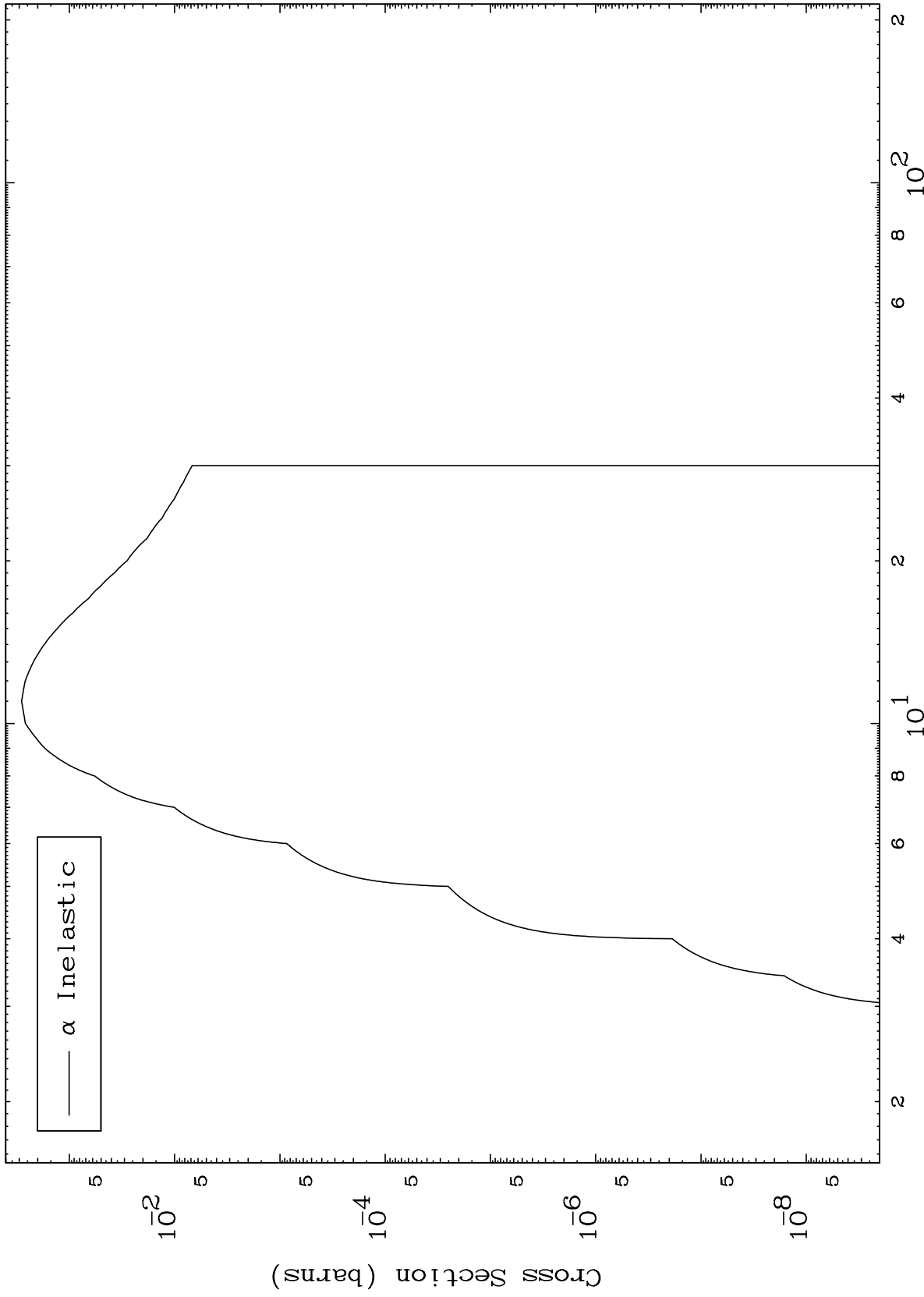
Incident Energy (MeV)

$^{26}\text{Fe-60}$

MAT 2643

(α, n') Level
0 Kelvin Cross Sections

$^{26}\text{Fe-60}$



α Inelastic

5

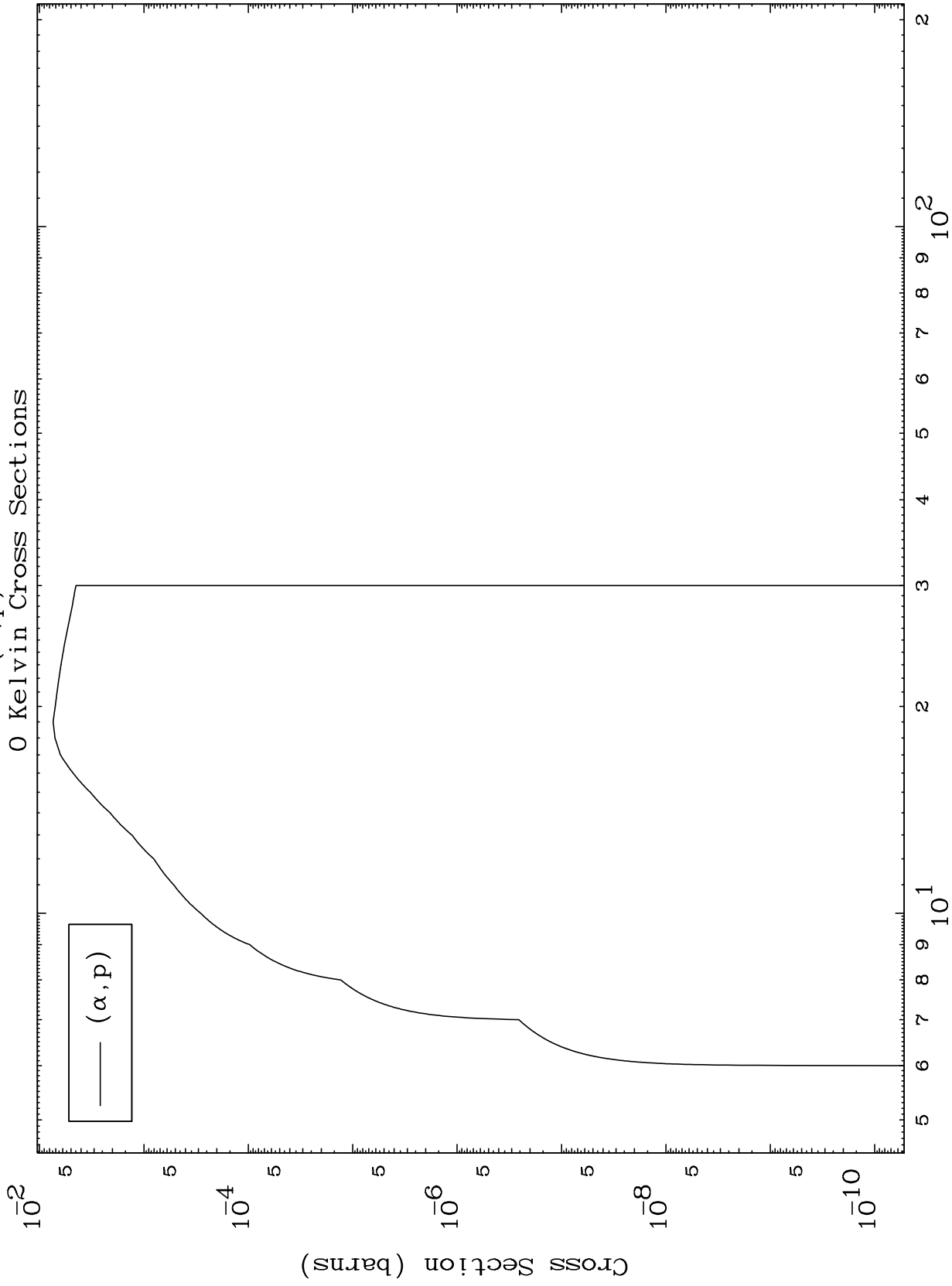
Incident Energy (MeV)

$^{26}\text{Fe-60}$

MAT 2643

²⁶Fe-60

(α, p) Levels
0 Kelvin Cross Sections



6

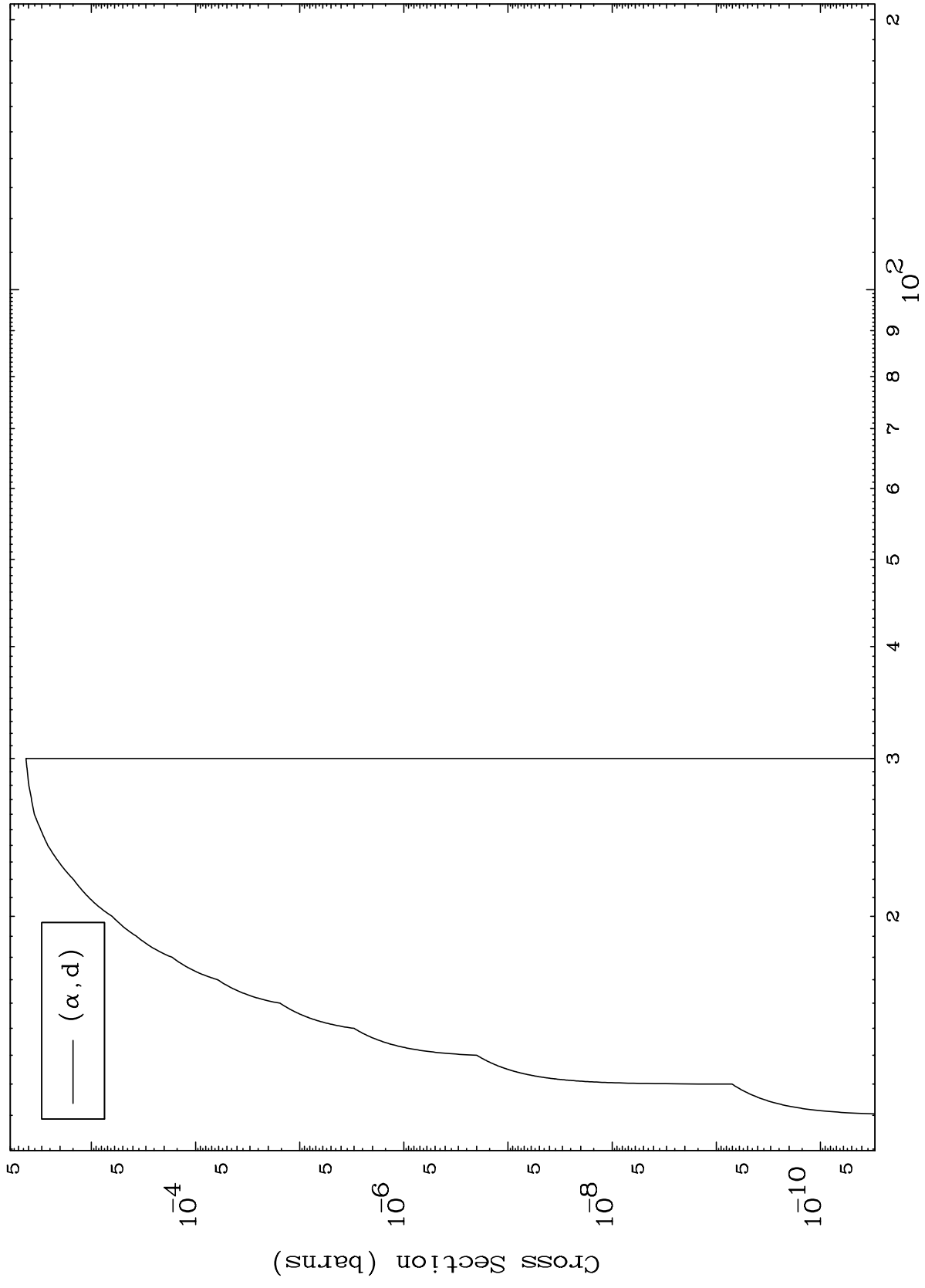
Incident Energy (MeV)

²⁶Fe-60

MAT 2643

(α, d) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-60}$



7

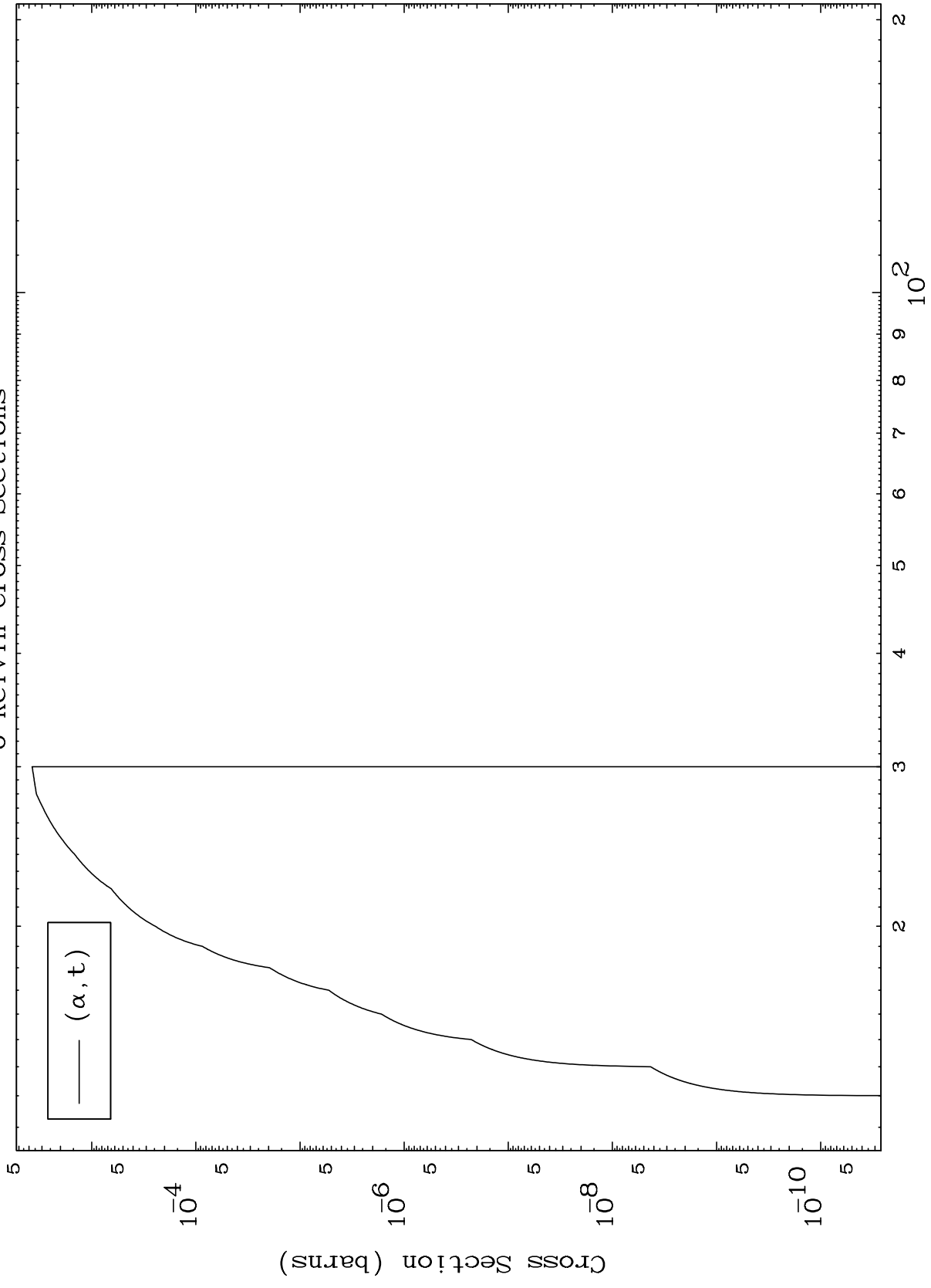
Incident Energy (MeV)

$^{26}\text{Fe-60}$

MAT 2643

(α, t) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-60}$



8

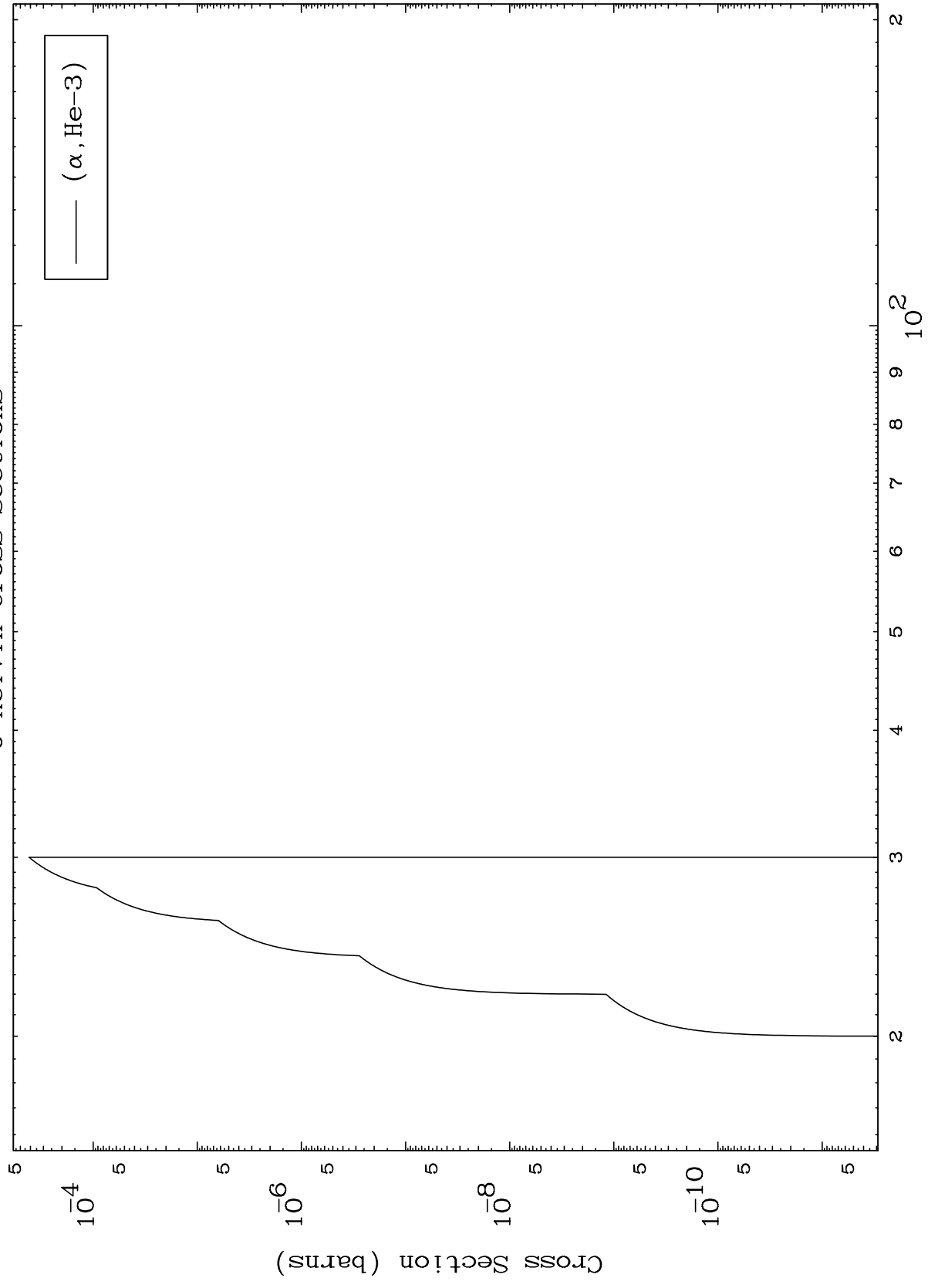
Incident Energy (MeV)

$^{26}\text{Fe-60}$

MAT 2643

(α ,He3) Levels
0 Kelvin Cross Sections

²⁶Fe-60



9

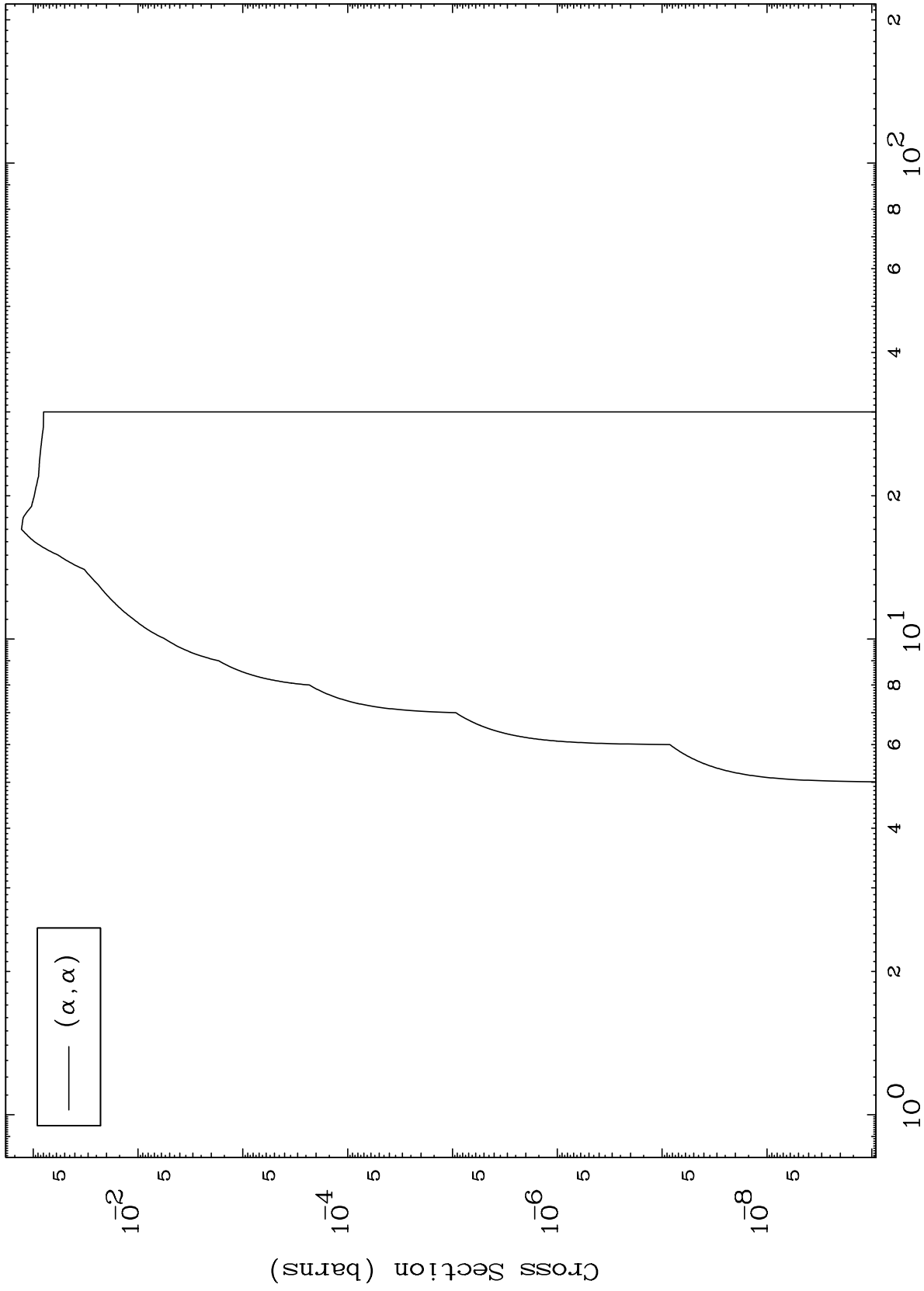
Incident Energy (MeV)

²⁶Fe-60

MAT 2643

(α, α) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-60}$



Incident Energy (MeV)

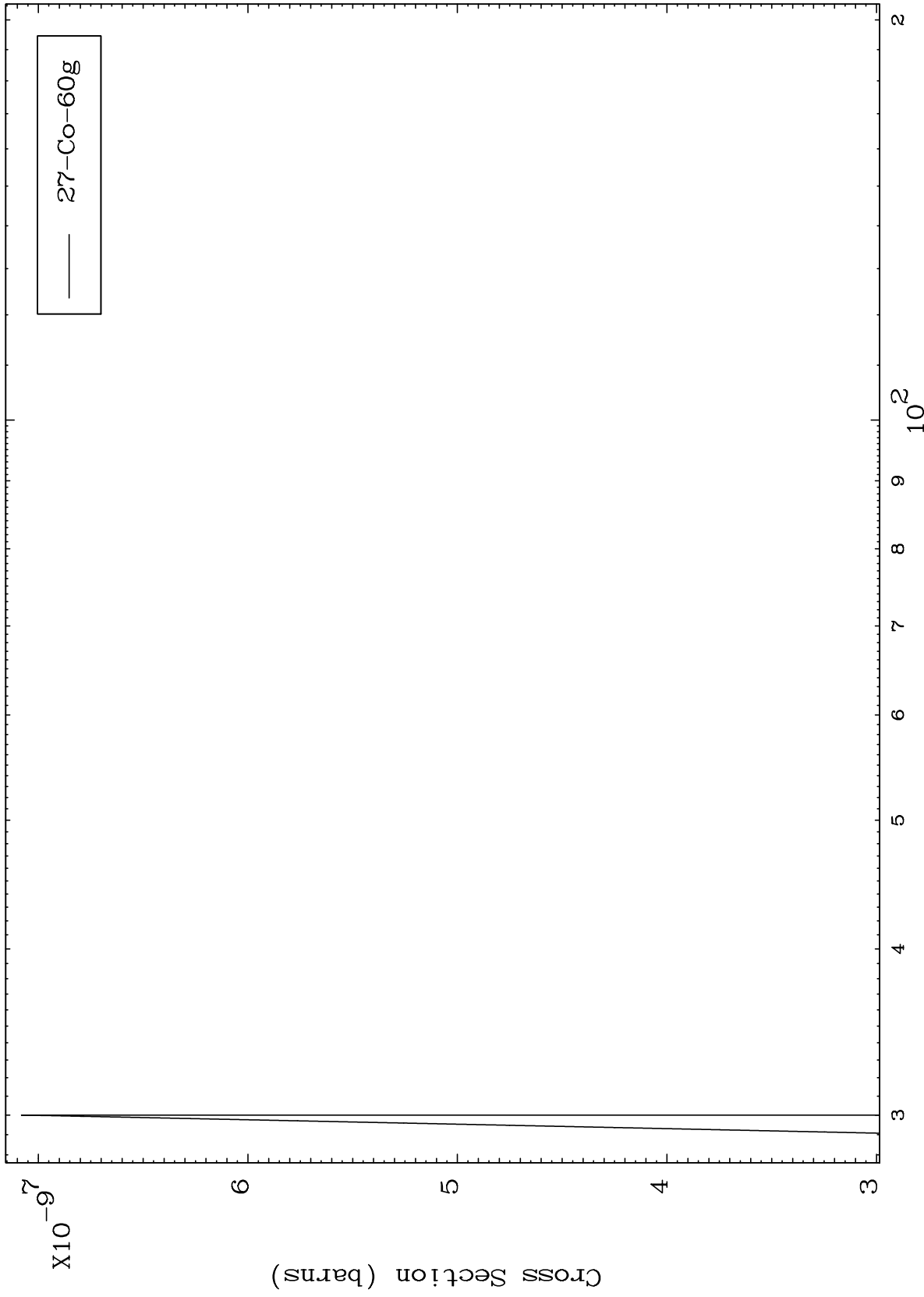
$^{26}\text{Fe-60}$

MAT 2643

($\alpha, 2n$) d

$^{26}\text{Fe-60}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

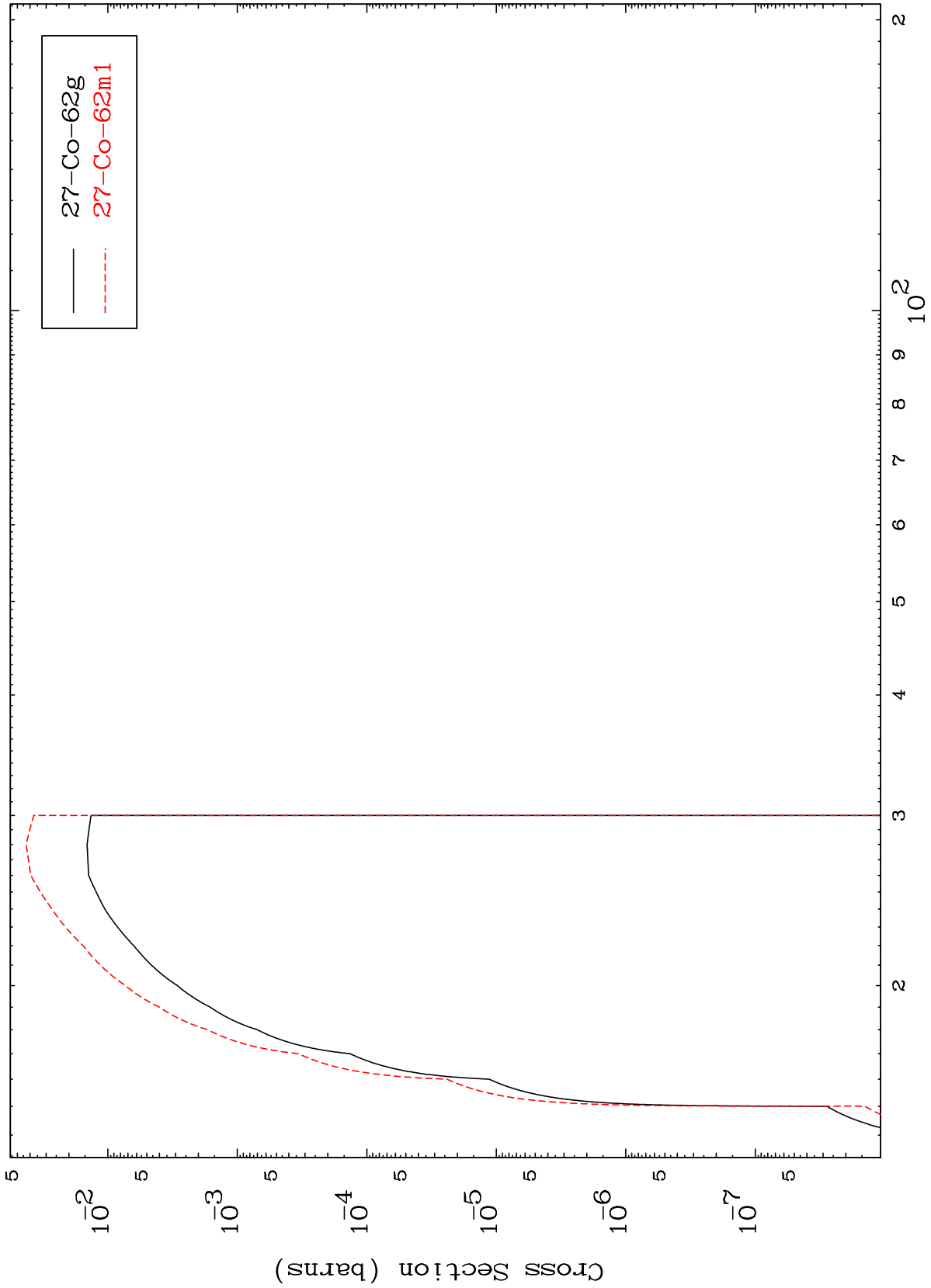
$^{26}\text{Fe-60}$

MAT 2643

(α, n') p

$^{26}\text{Fe-60}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

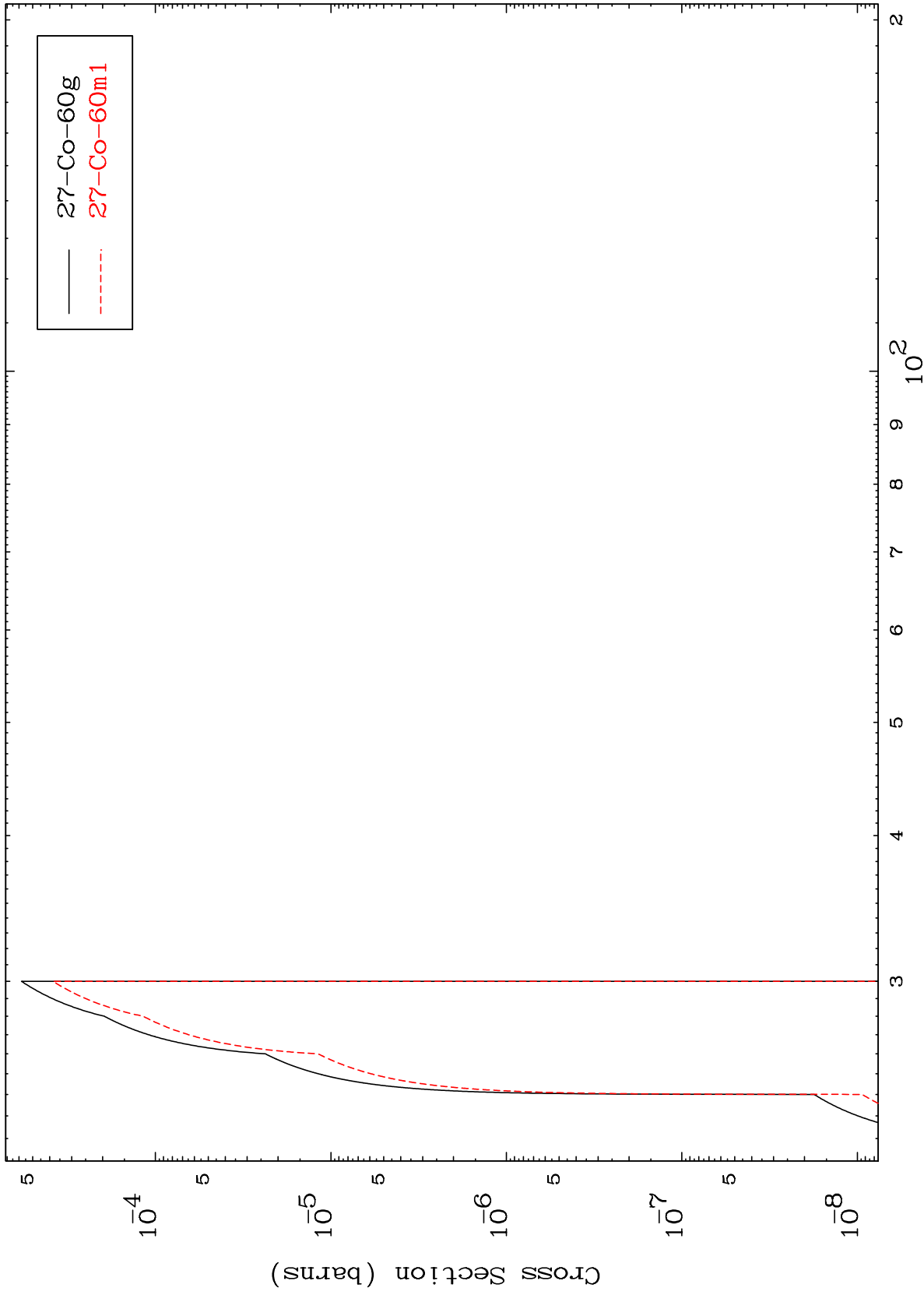
$^{26}\text{Fe-60}$

MAT 2643

(α, n') t

$^{26}\text{Fe-60}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

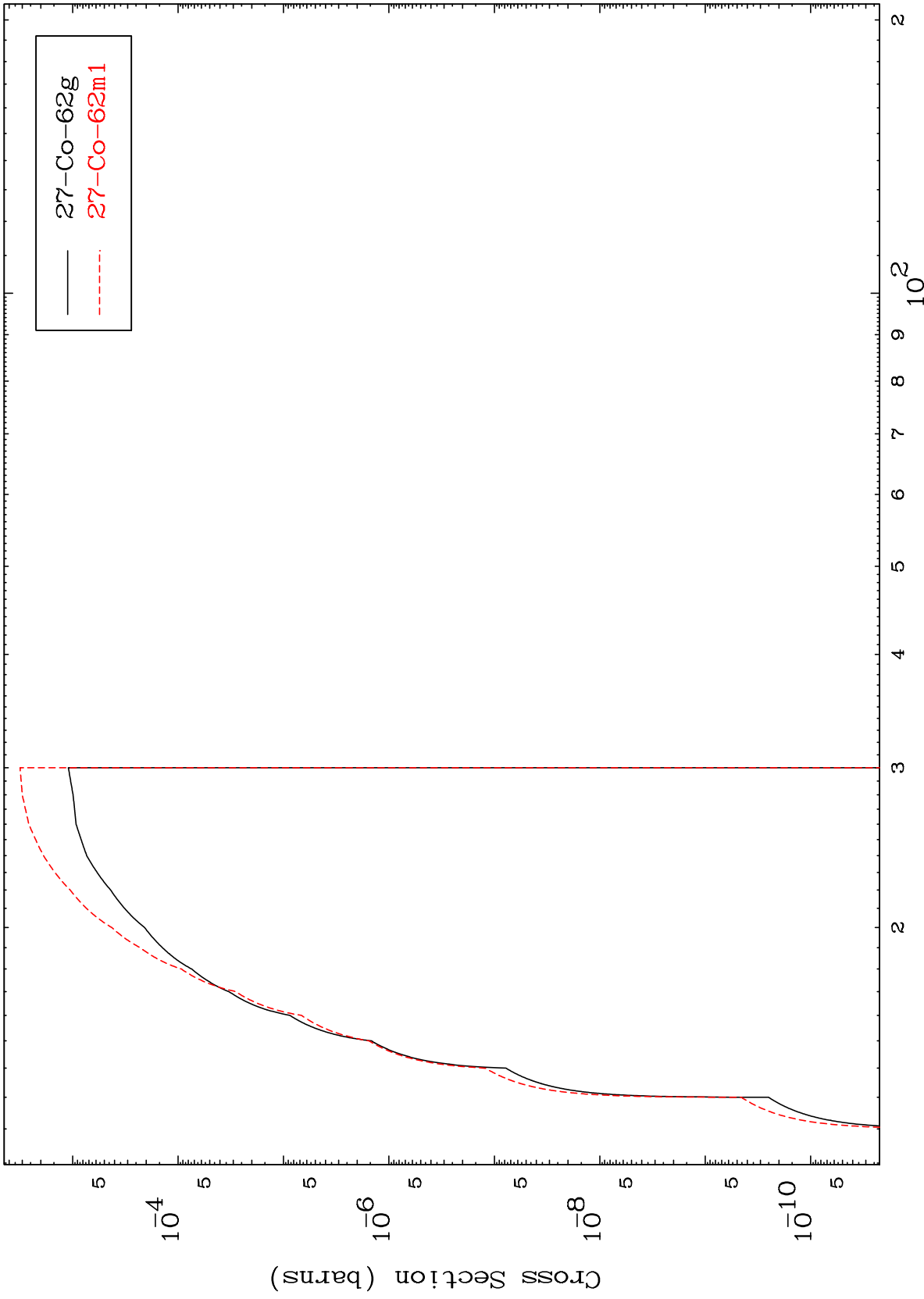
$^{26}\text{Fe-60}$

MAT 2643

(α, d)

$^{26}\text{Fe-60}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

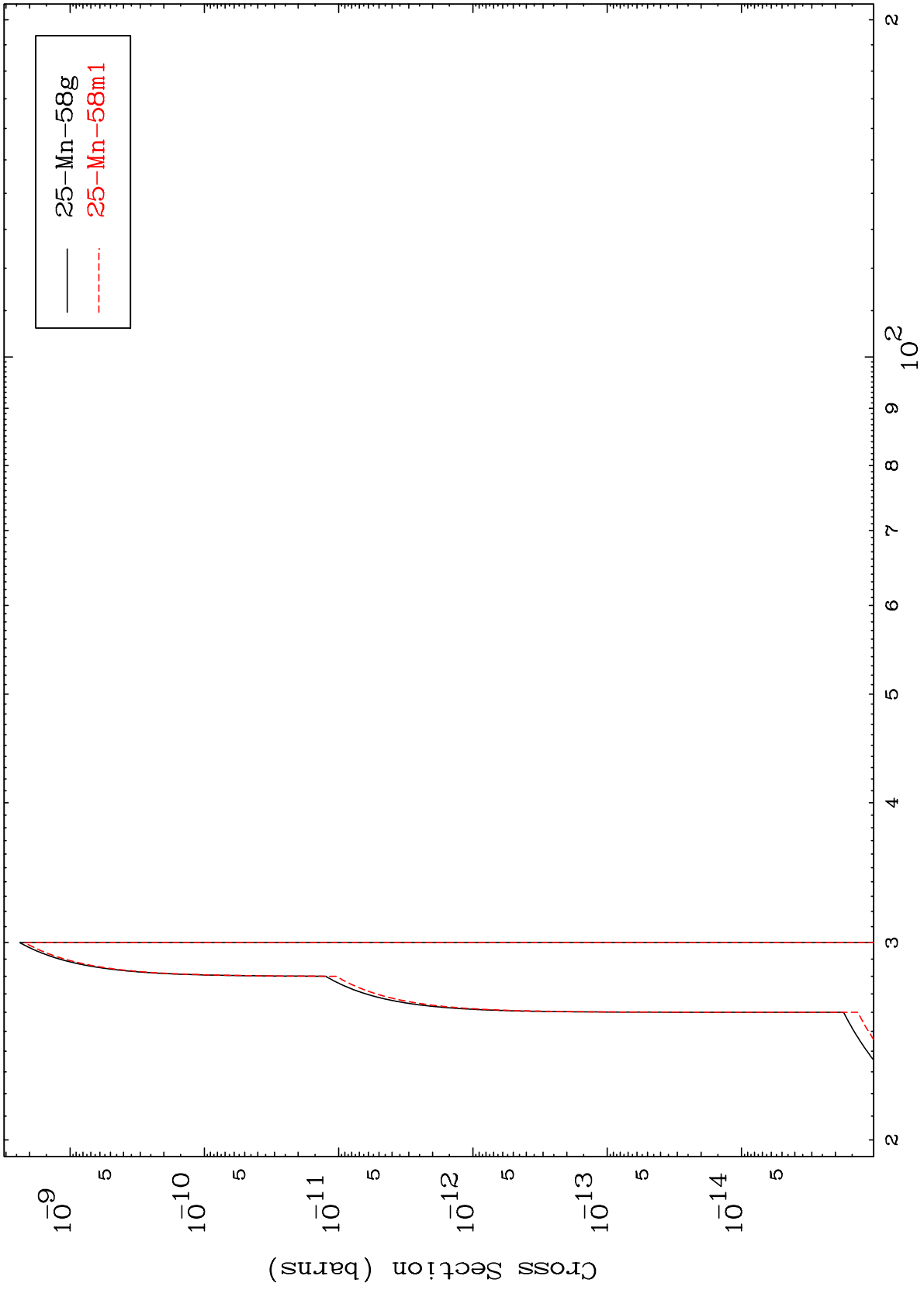
$^{26}\text{Fe-60}$

MAT 2643

(α, d) α

$^{26}\text{Fe-60}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{26}\text{Fe-60}$