

Program EVALPLOT
(Version 2018-1)

by

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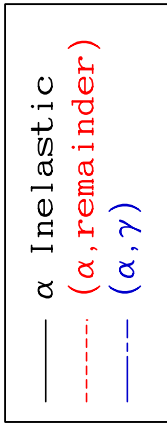
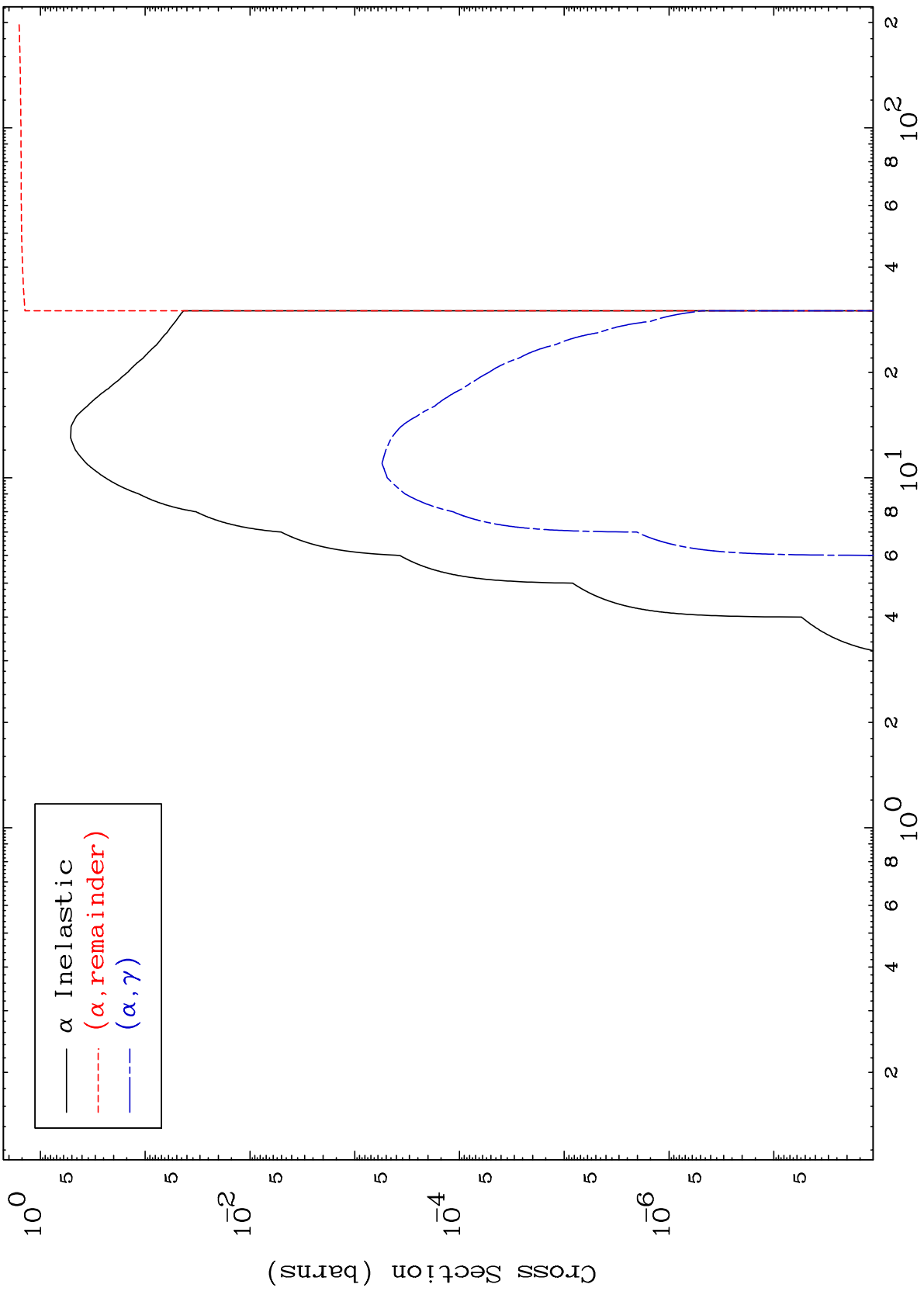
Press Mouse Button to Start

MAT 2728

α Major

27-Co-60

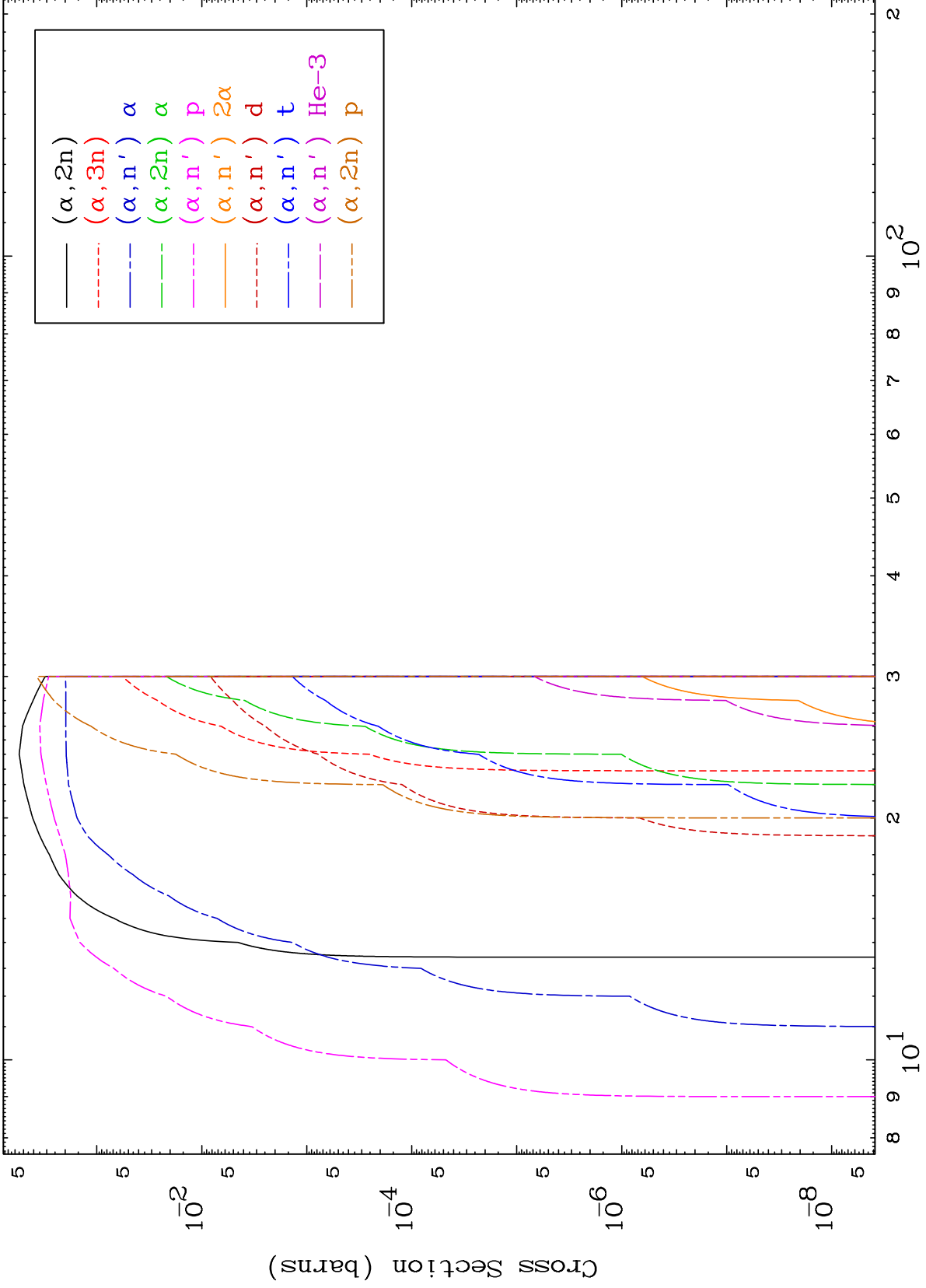
0 Kelvin Cross Sections



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α Neutron Production
0 Kelvin Cross Sections

27-Co-60



2

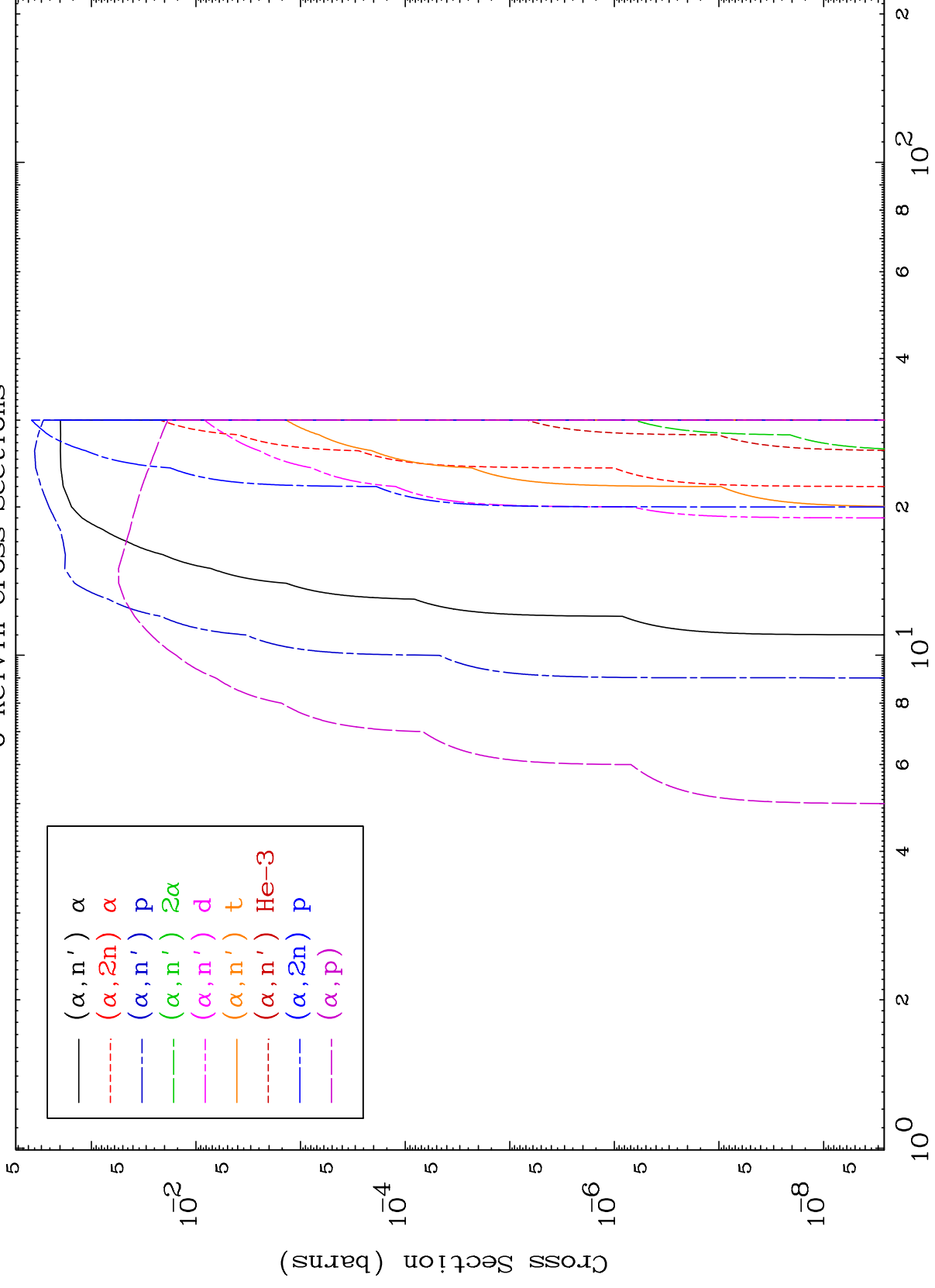
Incident Energy (MeV)

27-Co-60

MAT 2728

α Charged Particle
0 Kelvin Cross Sections

27-Co-60



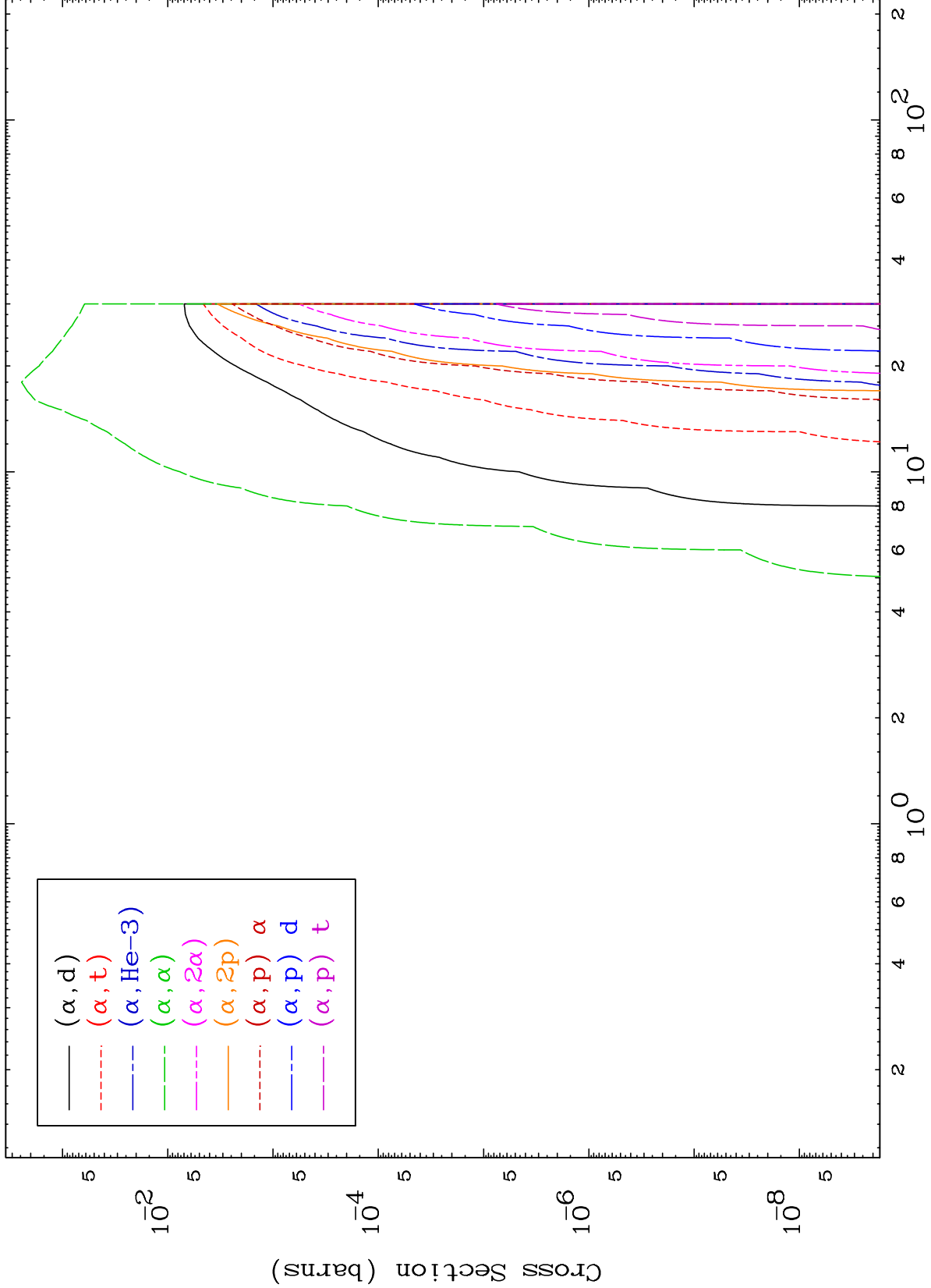
Incident Energy (MeV)

27-Co-60

MAT 2728

α Charged Particle
0 Kelvin Cross Sections

27-Co-60



Incident Energy (MeV)

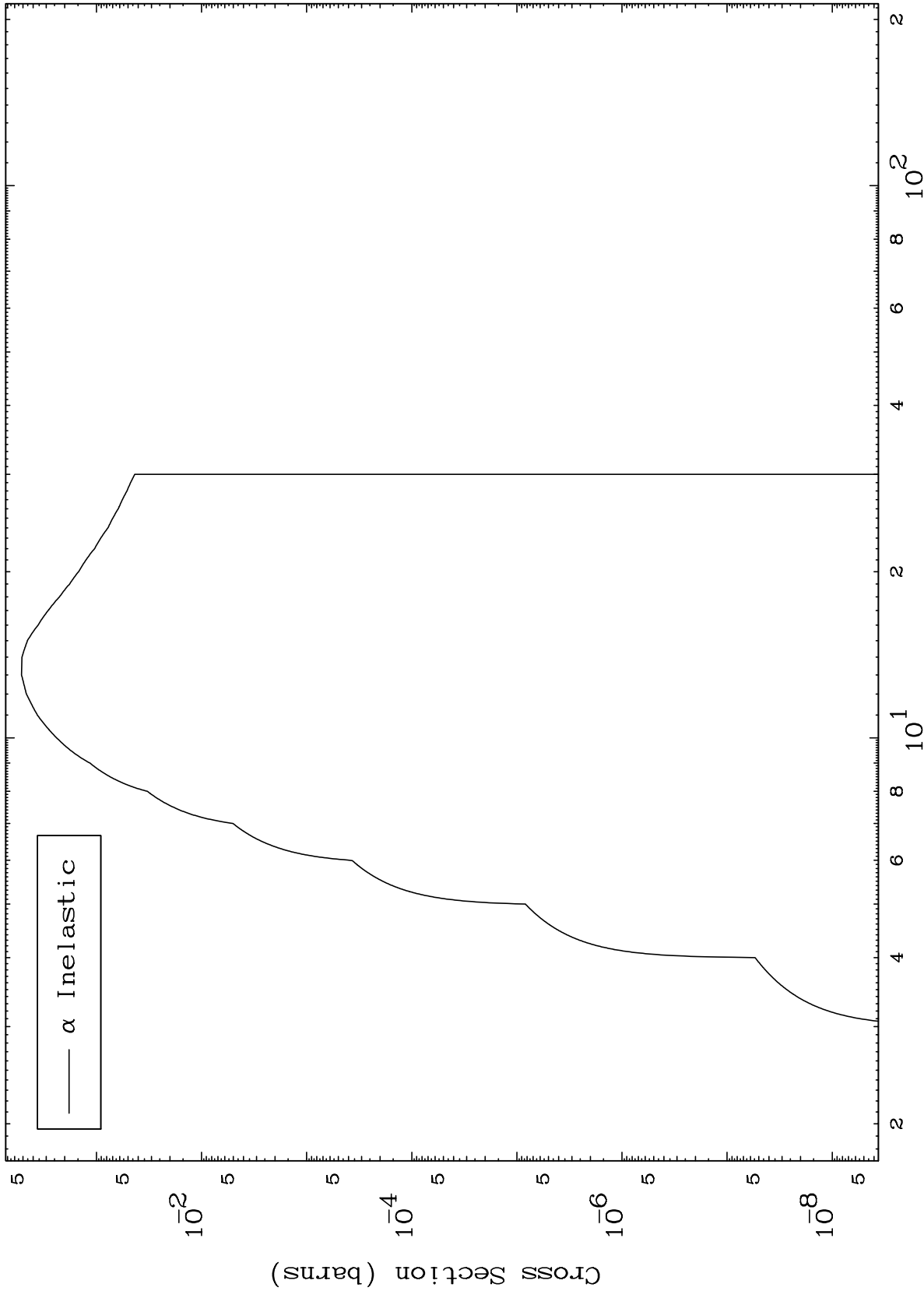
27-Co-60

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(α, n') Level

$^{27}\text{Co-60}$

0 Kelvin Cross Sections



5

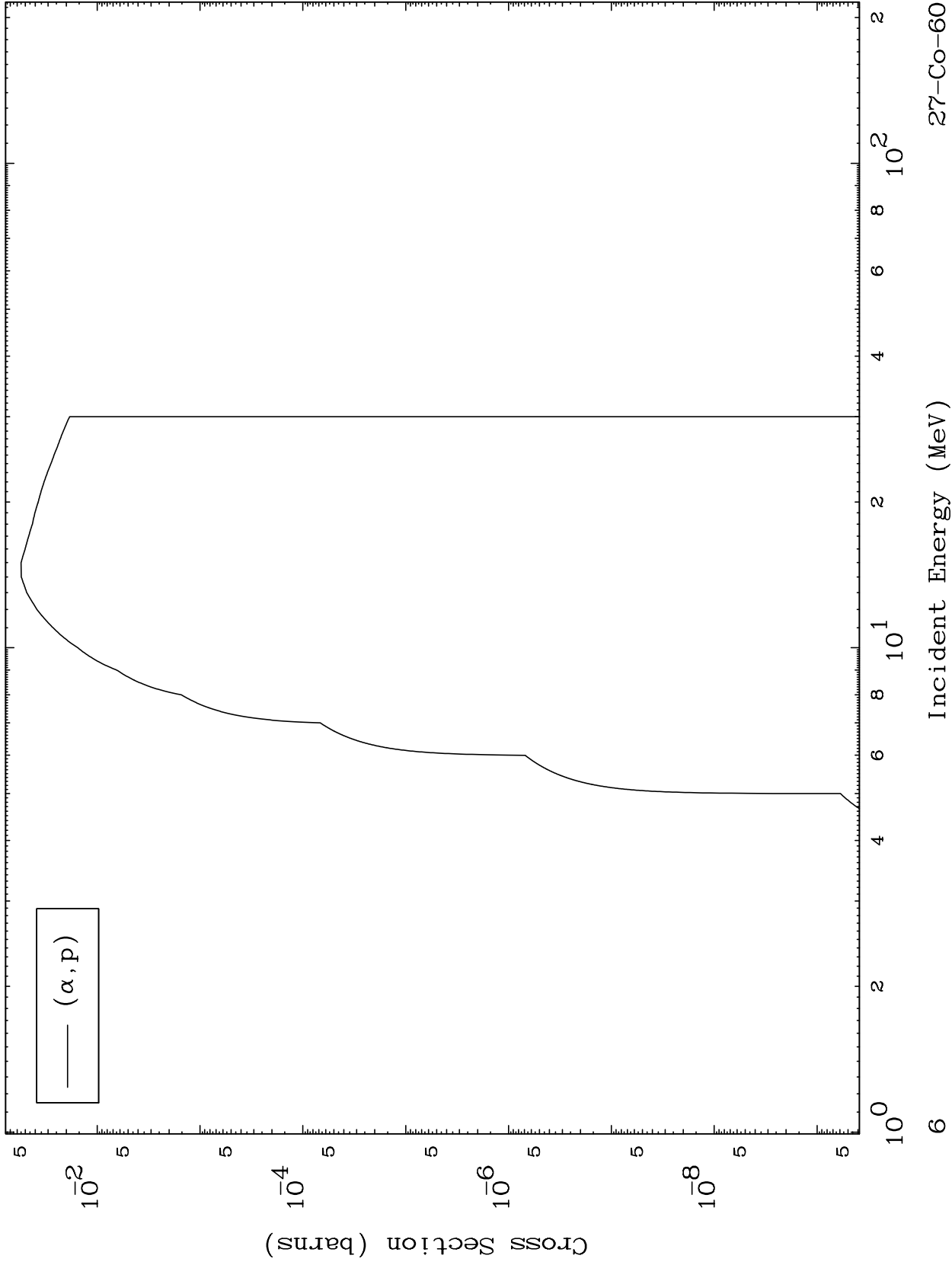
Incident Energy (MeV)

$^{27}\text{Co-60}$

MAT 2728

(α, p) Levels
0 Kelvin Cross Sections

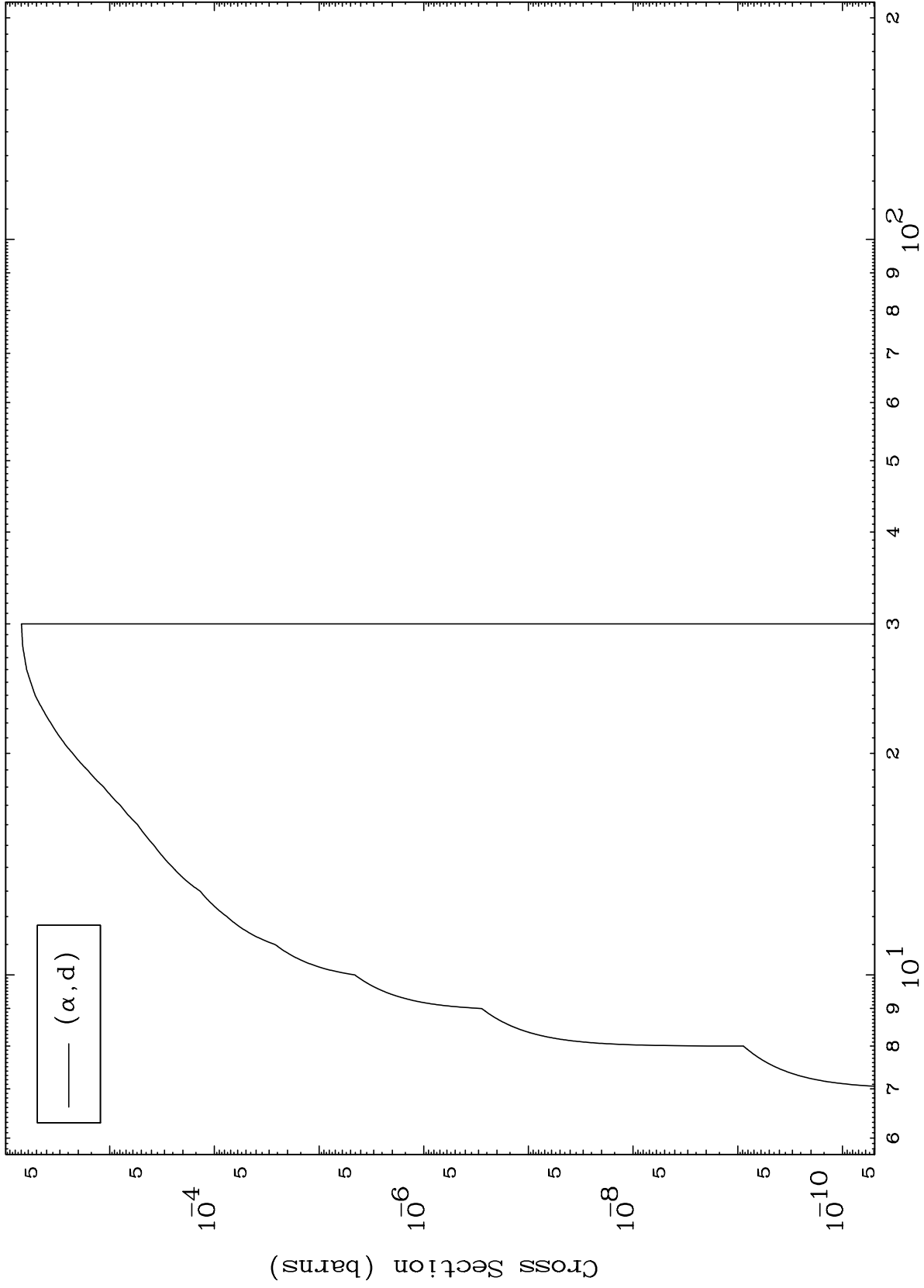
27-Co-60



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(α, d) Levels
0 Kelvin Cross Sections

$^{27}\text{Co-60}$

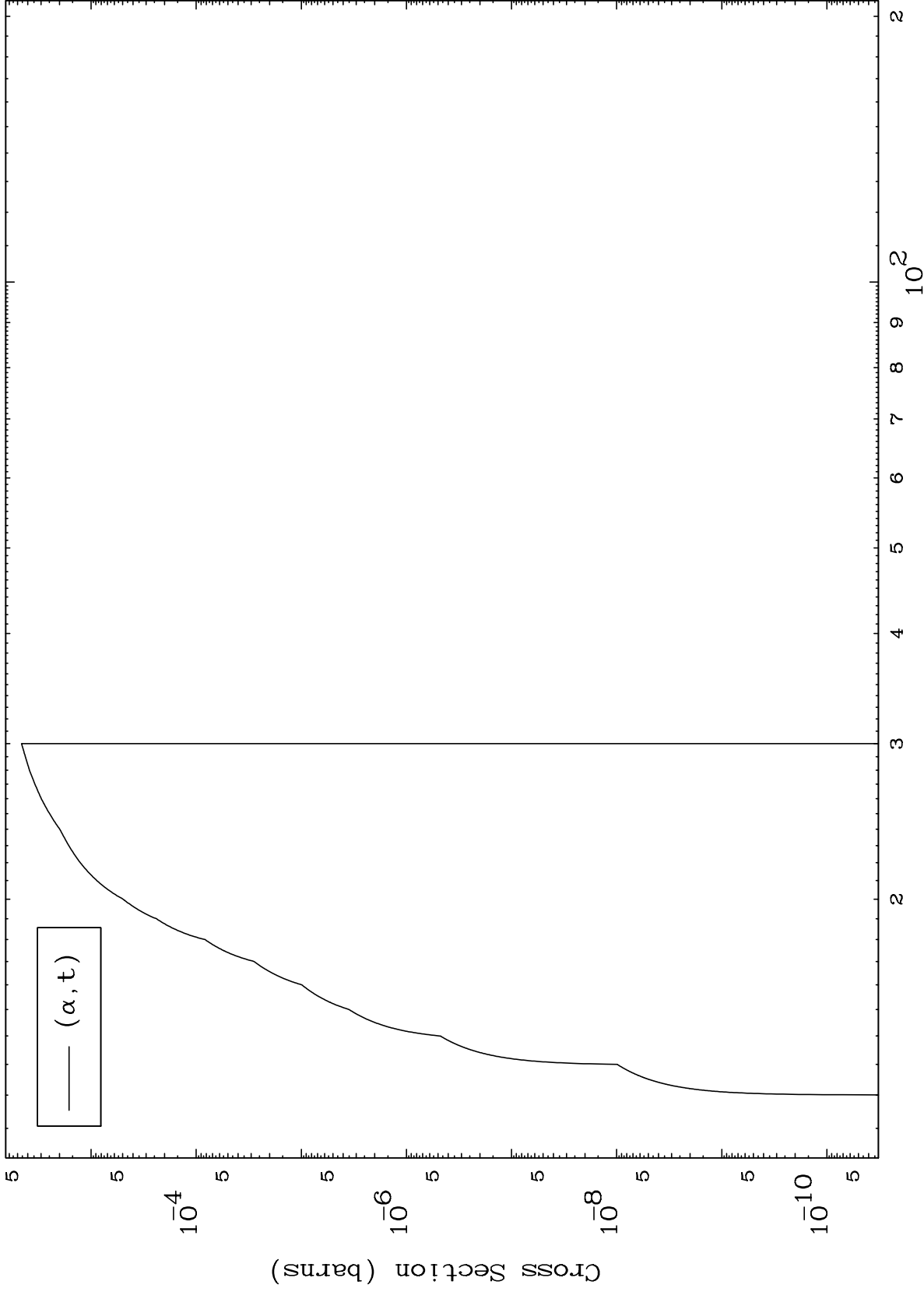


(α, d)

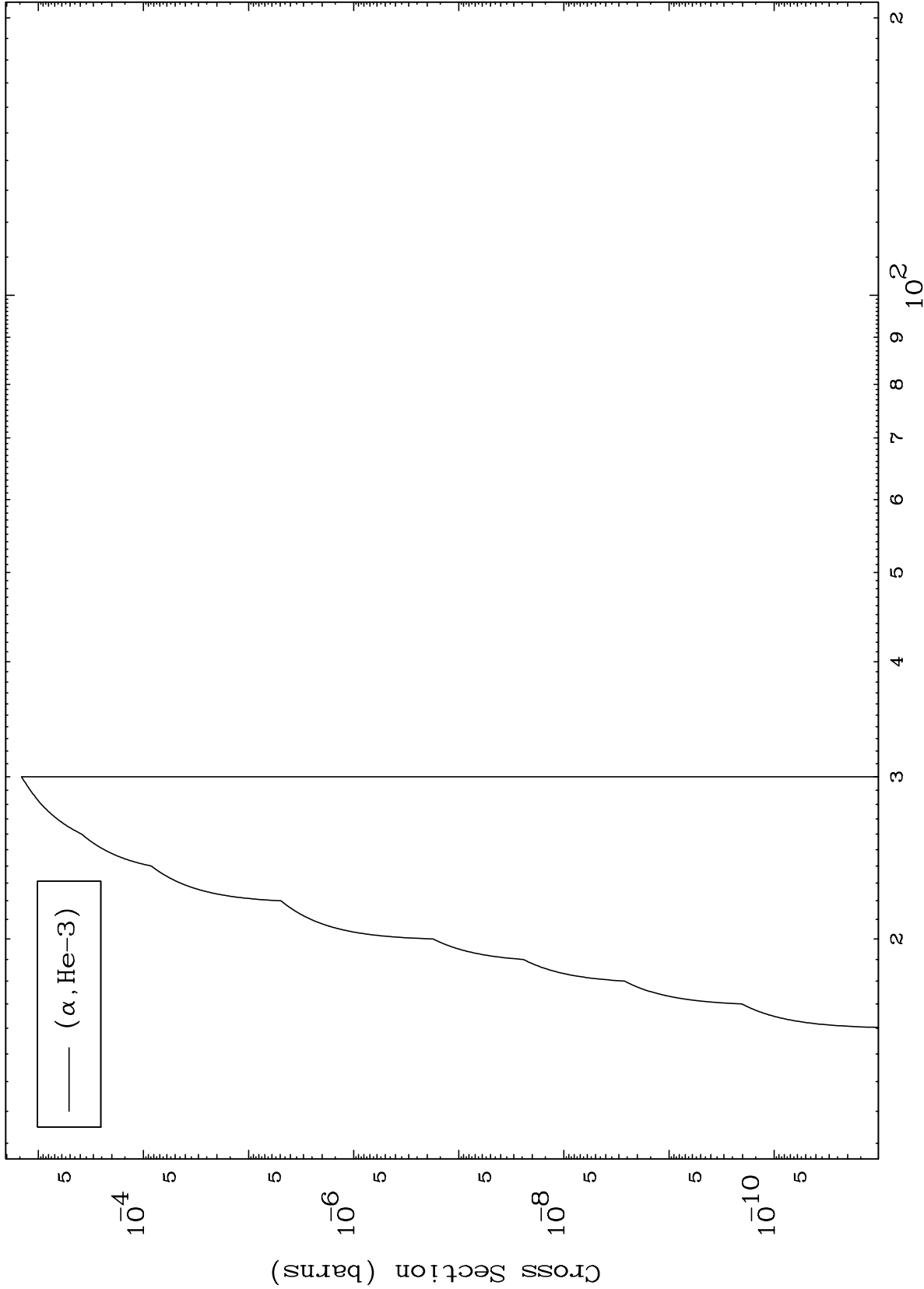
7

Incident Energy (MeV)

$^{27}\text{Co-60}$



(α , He3) Levels
0 Kelvin Cross Sections

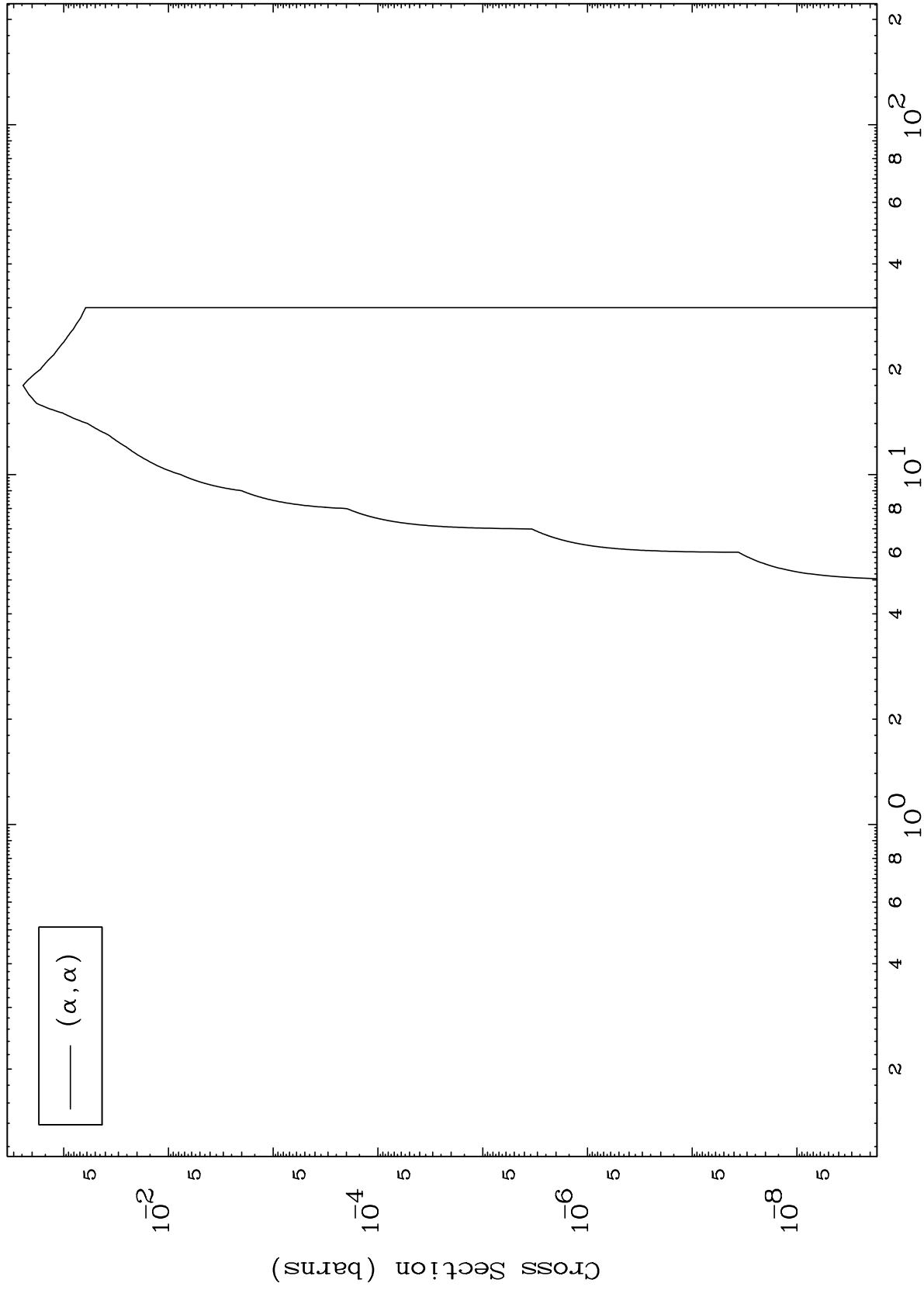


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(α, α) Levels

$^{27}\text{Co-60}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

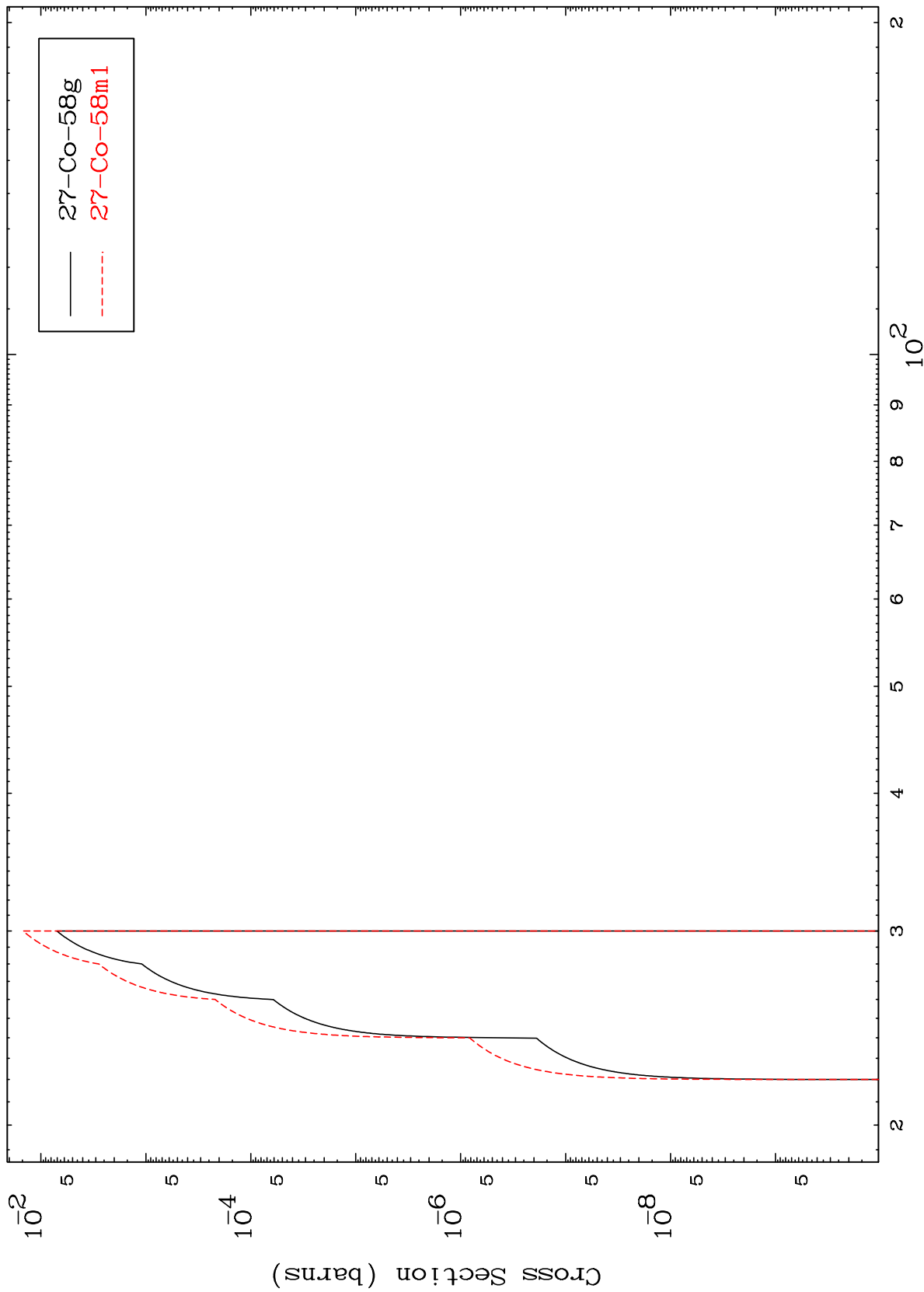
$^{27}\text{Co-60}$

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$(\alpha, 2n)$ α

$^{27}\text{Co-60}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

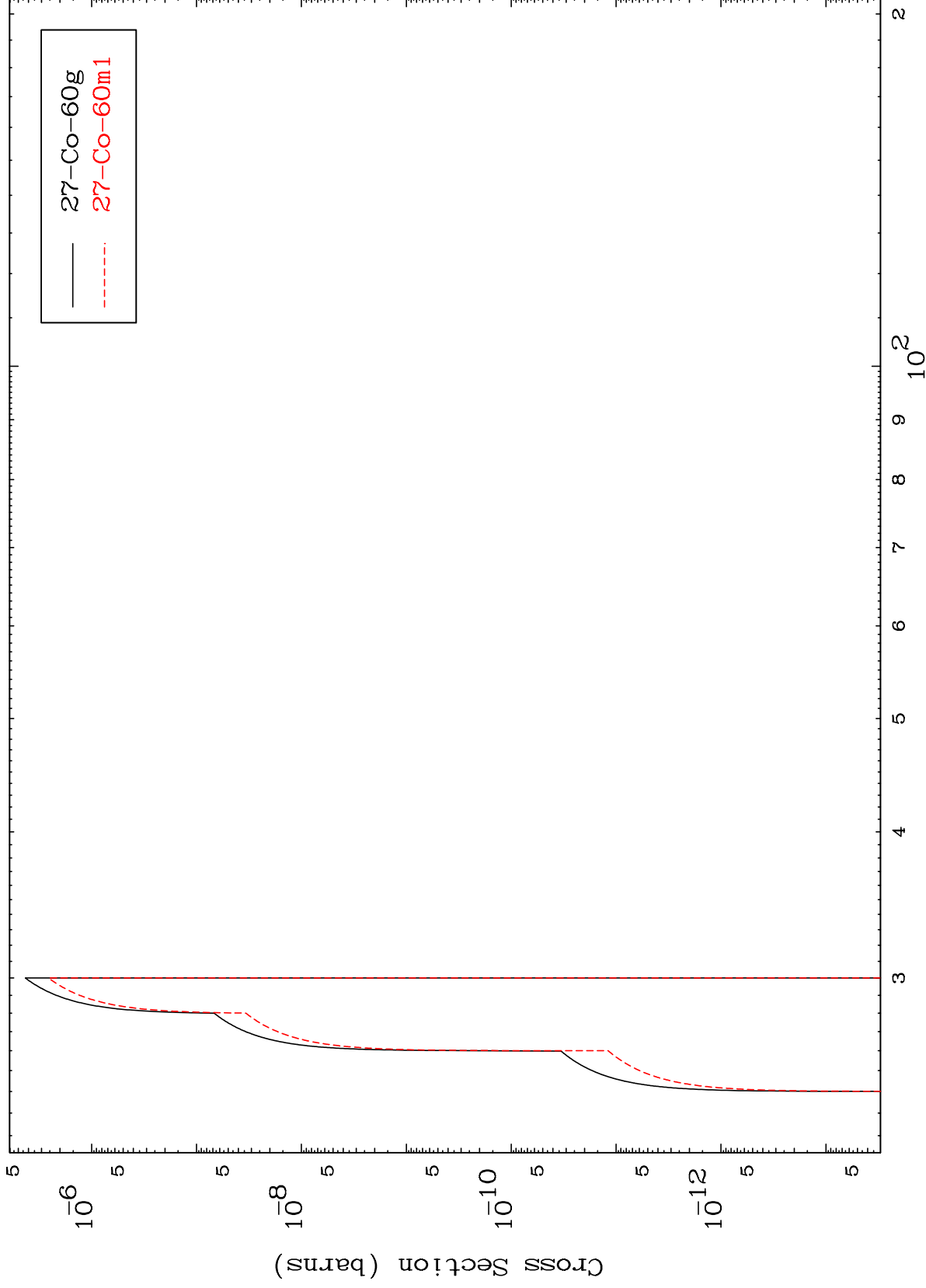
$^{27}\text{Co-60}$

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(α, n') He-3

²⁷Co-60

Radionuclide Production Cross Section



12

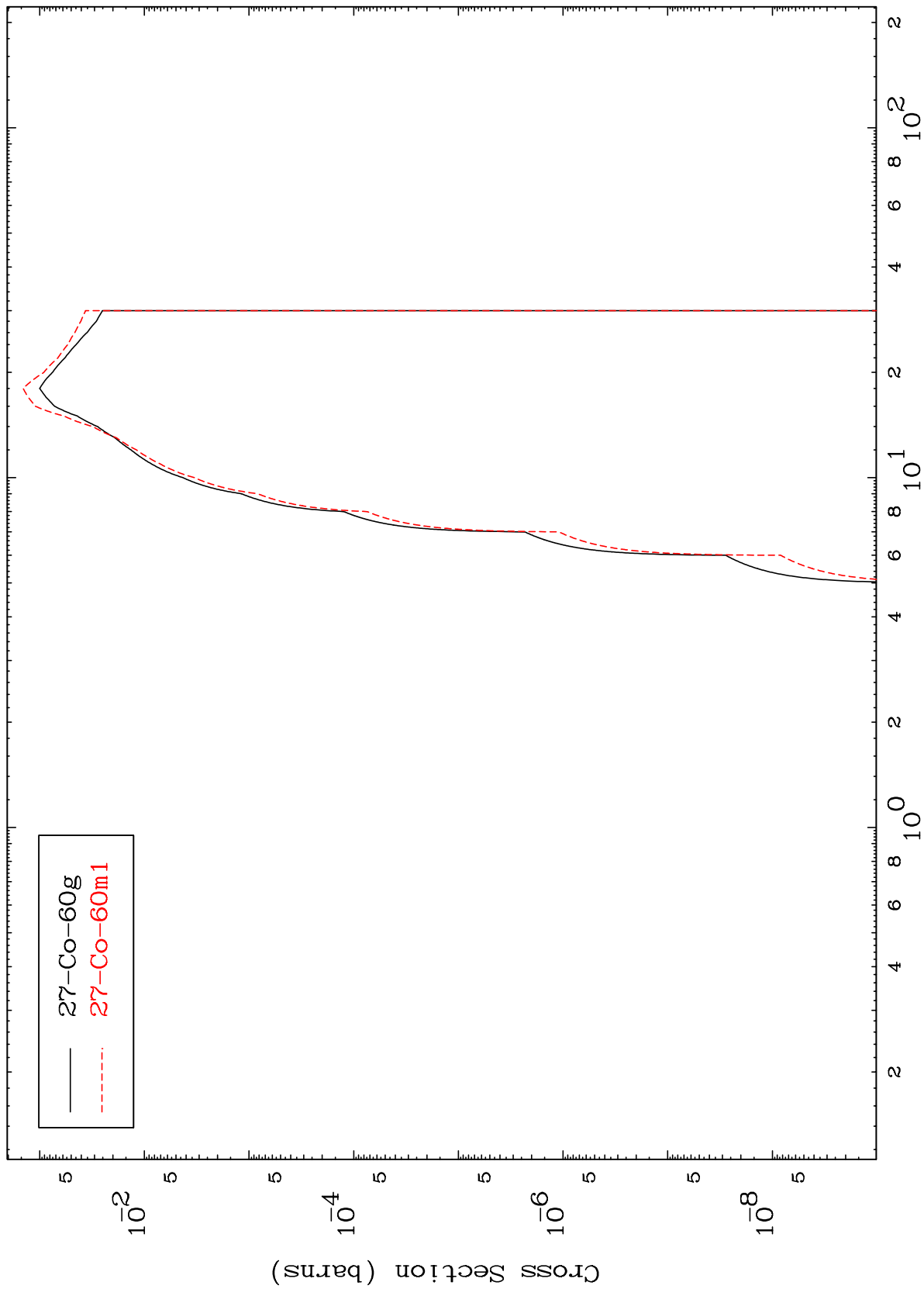
Incident Energy (MeV)

²⁷Co-60

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²⁷Co-60

(α, α)
Radionuclide Production Cross Section

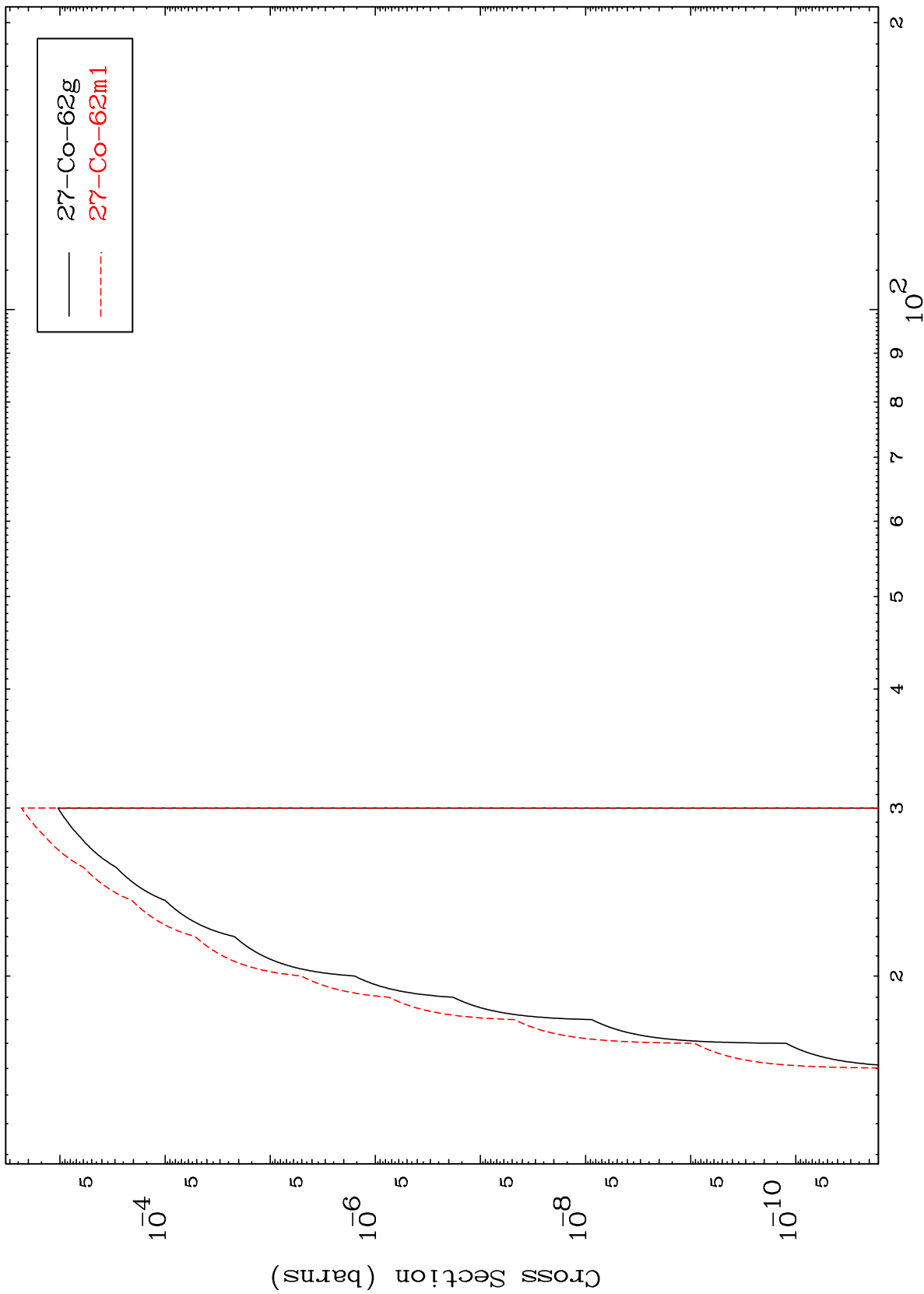


²⁷Co-60

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²⁷Co-60

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



14

²⁷Co-60

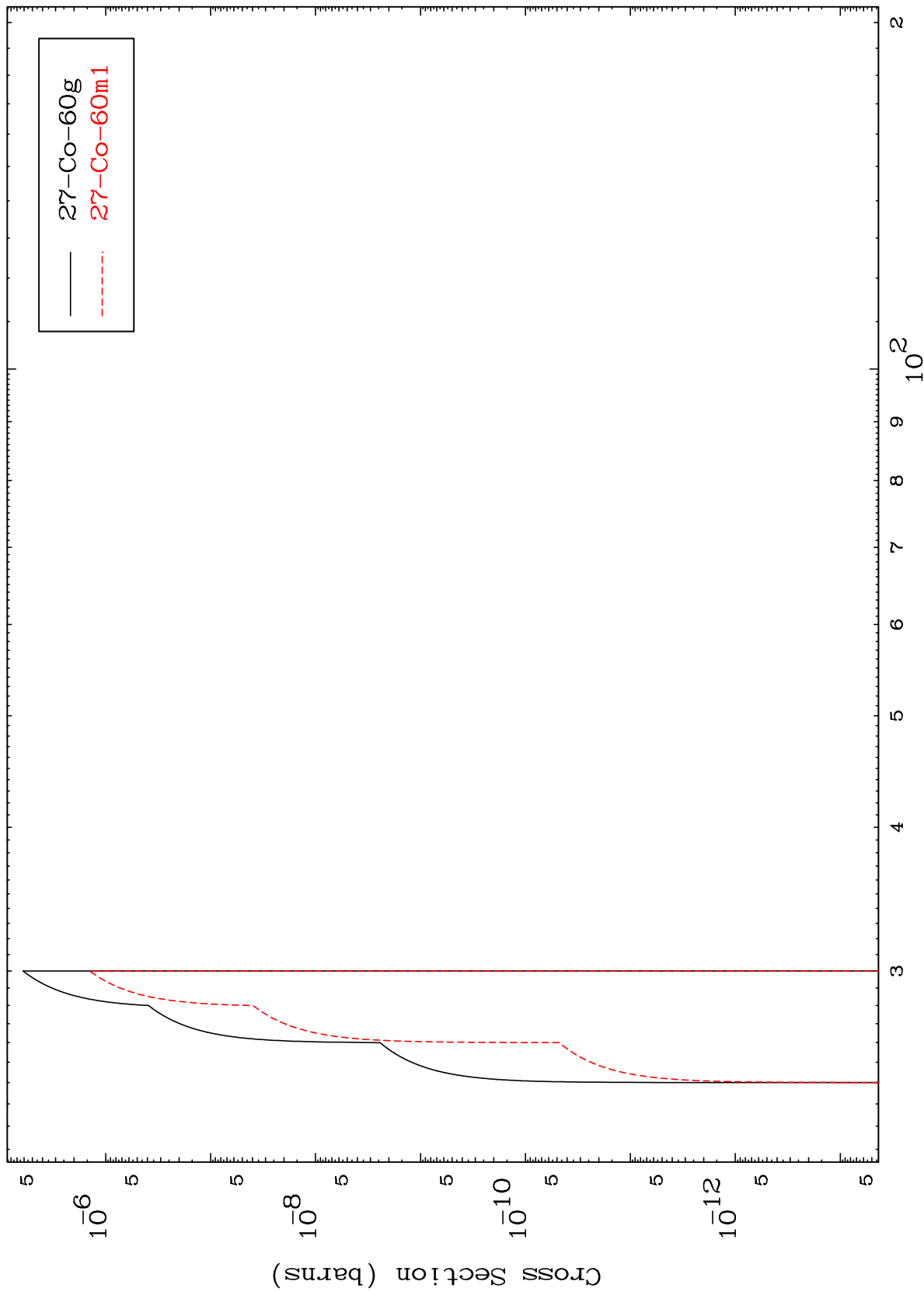
Incident Energy (MeV)

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(α, p) t

²⁷Co-60

Radionuclide Production Cross Section



15

Incident Energy (MeV)

²⁷Co-60