

Program EVALPLOT
(Version 2018-1)

by

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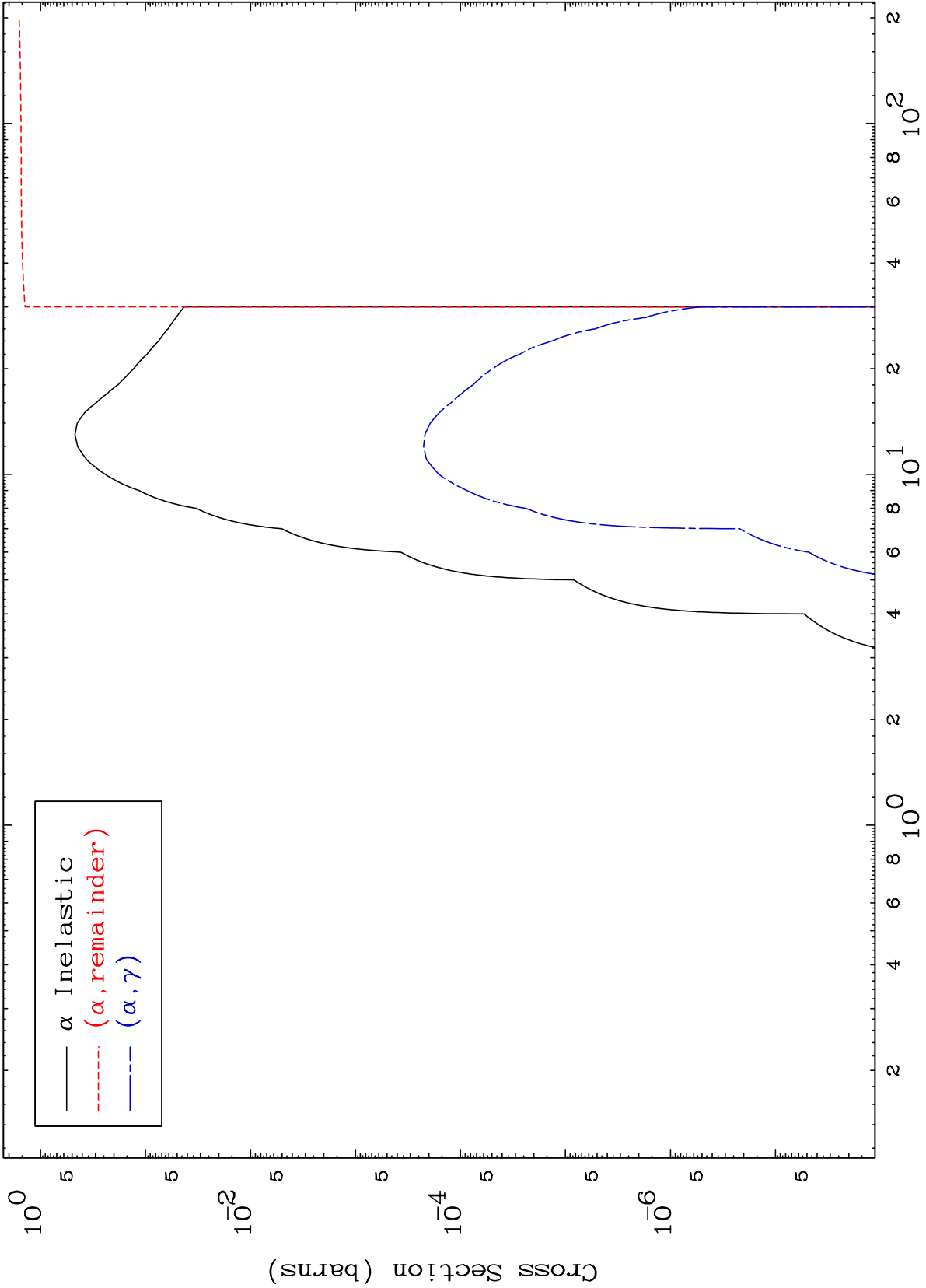
Press Mouse Button to Start

MAT 2729

α Major

27-Co-60

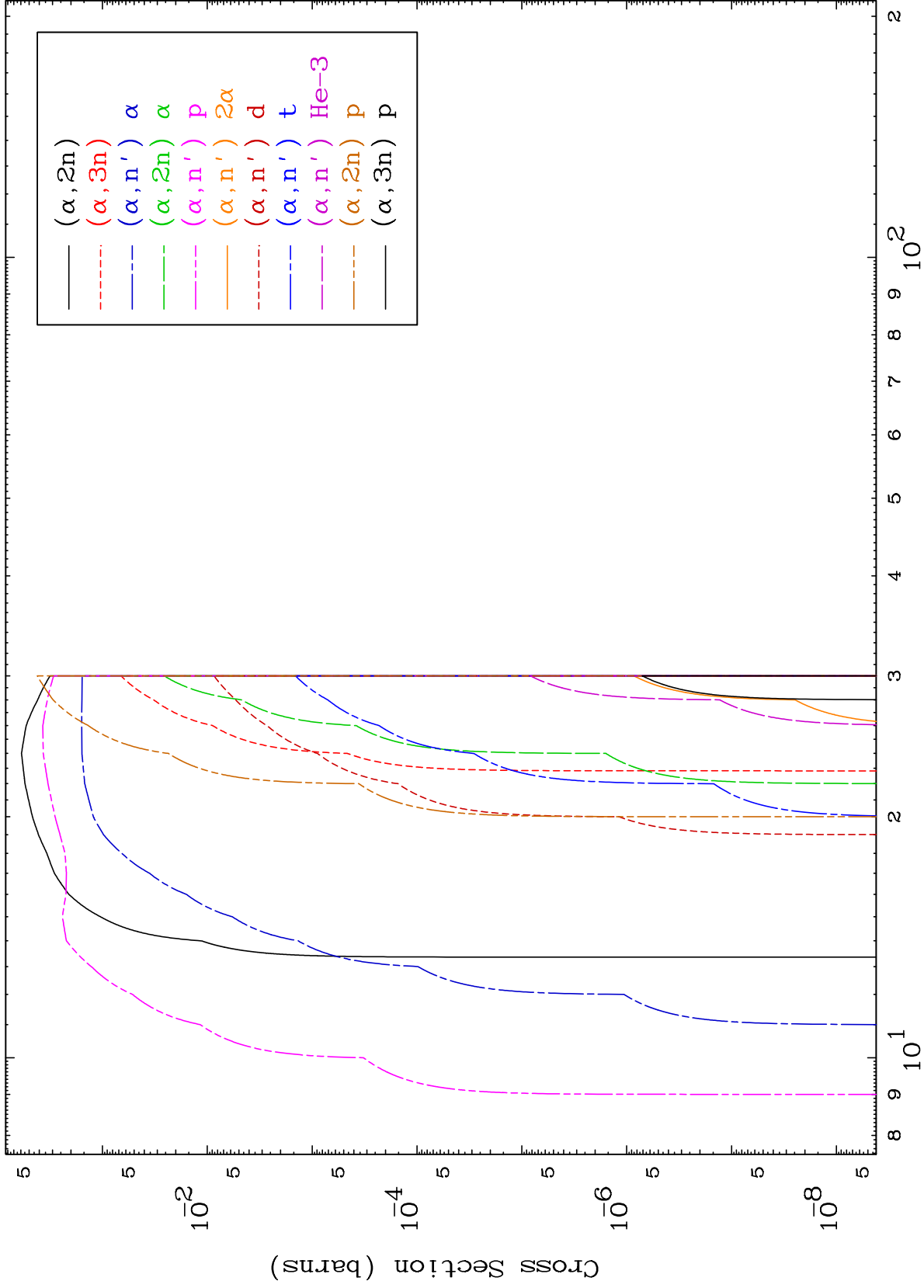
0 Kelvin Cross Sections



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α Neutron Production
0 Kelvin Cross Sections

27-Co-60



2

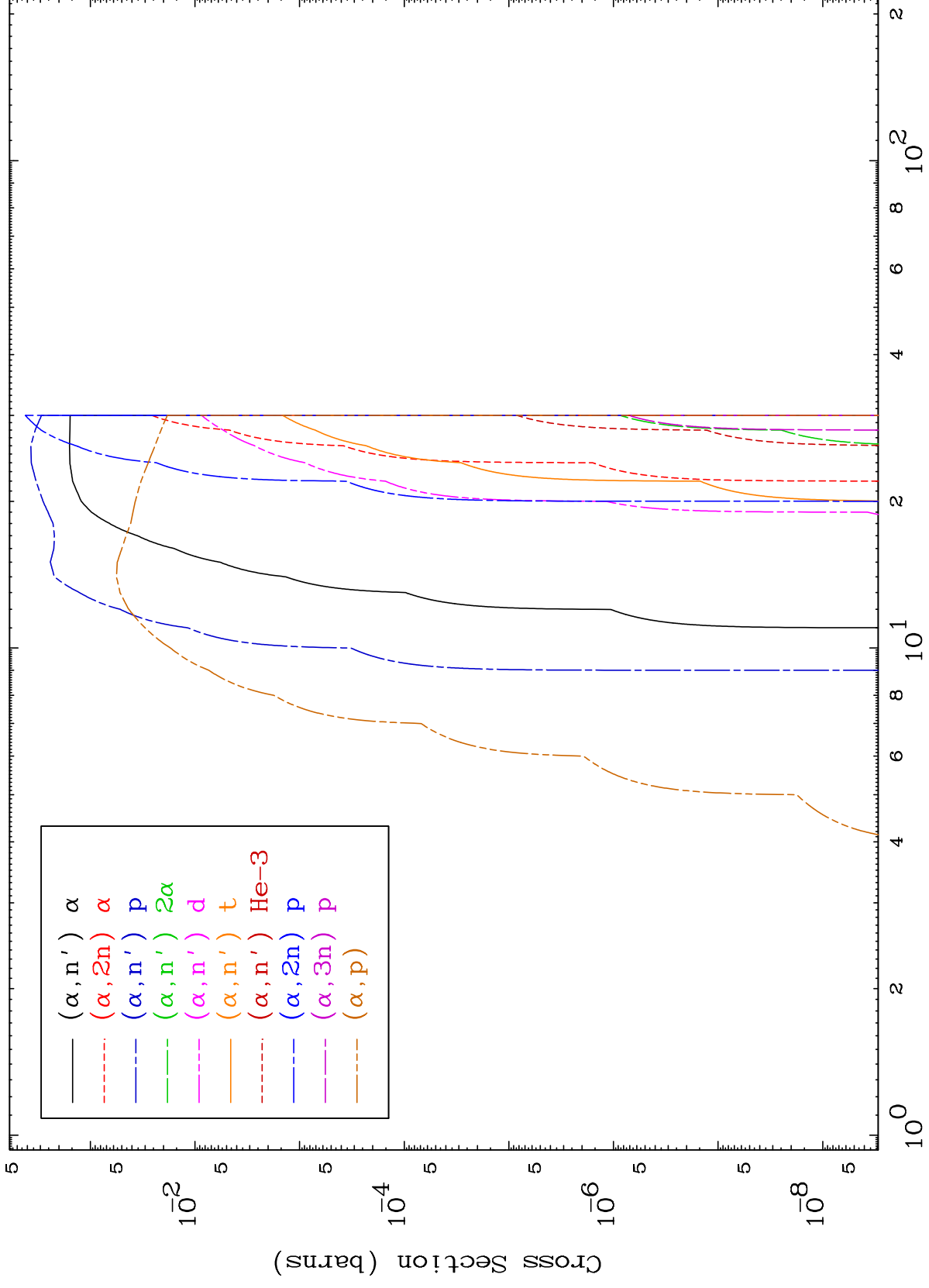
Incident Energy (MeV)

27-Co-60

MAT 2729

α Charged Particle
0 Kelvin Cross Sections

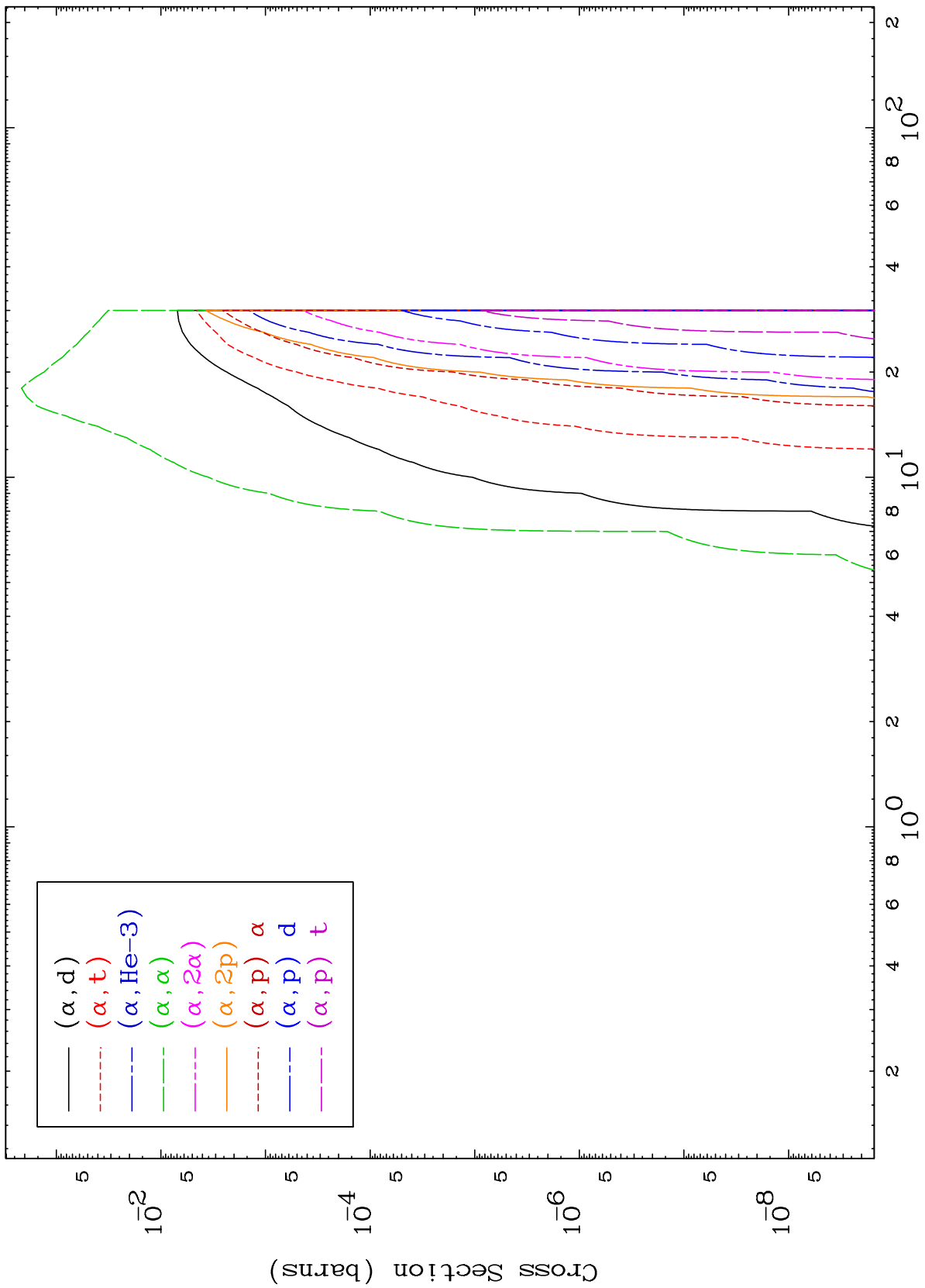
27-Co-60



Incident Energy (MeV)

27-Co-60

3

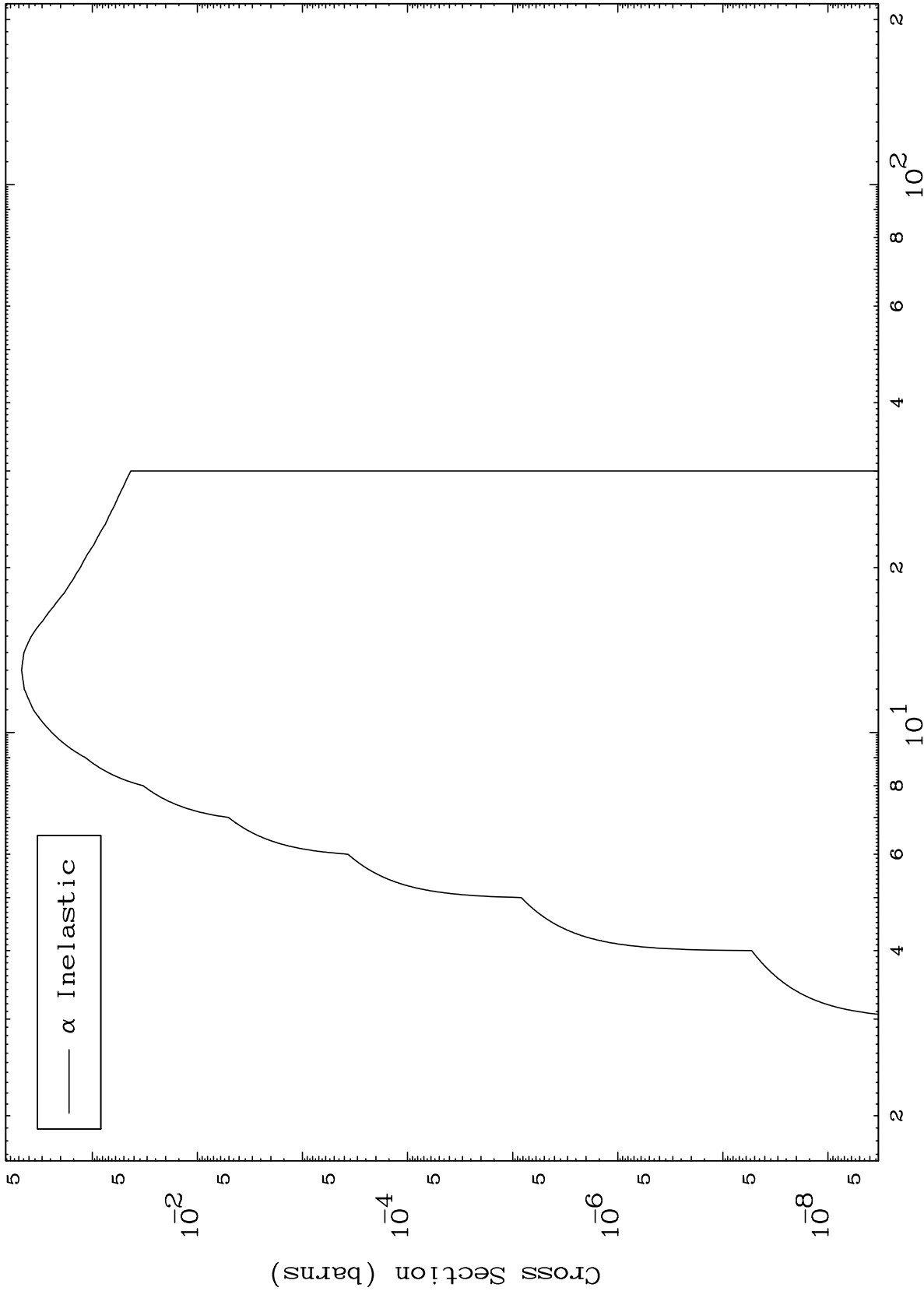


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(α, n') Level

27-Co-60

0 Kelvin Cross Sections



5

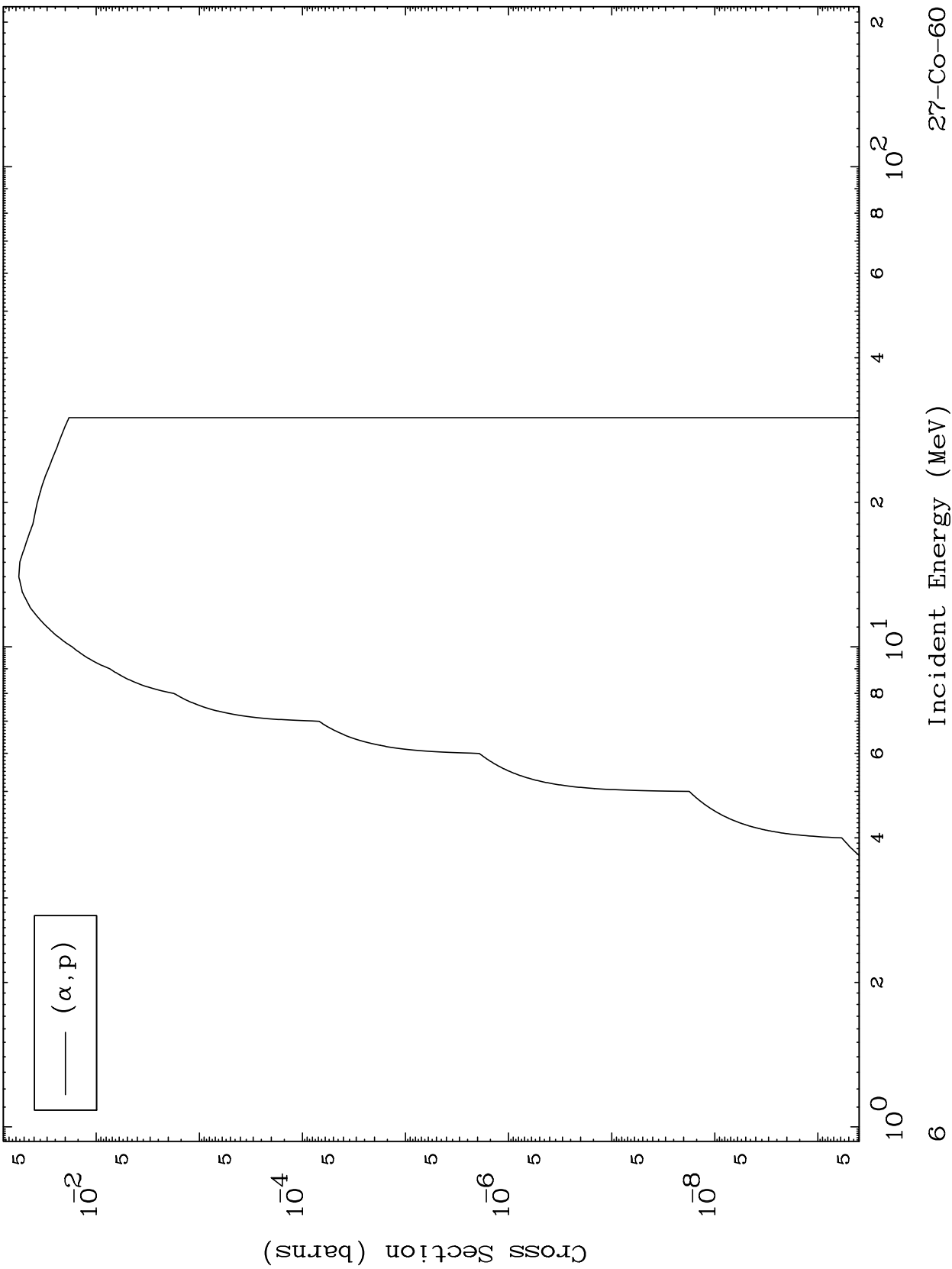
Incident Energy (MeV)

27-Co-60

MAT 2729

27-Co-60

(α, p) Levels
0 Kelvin Cross Sections



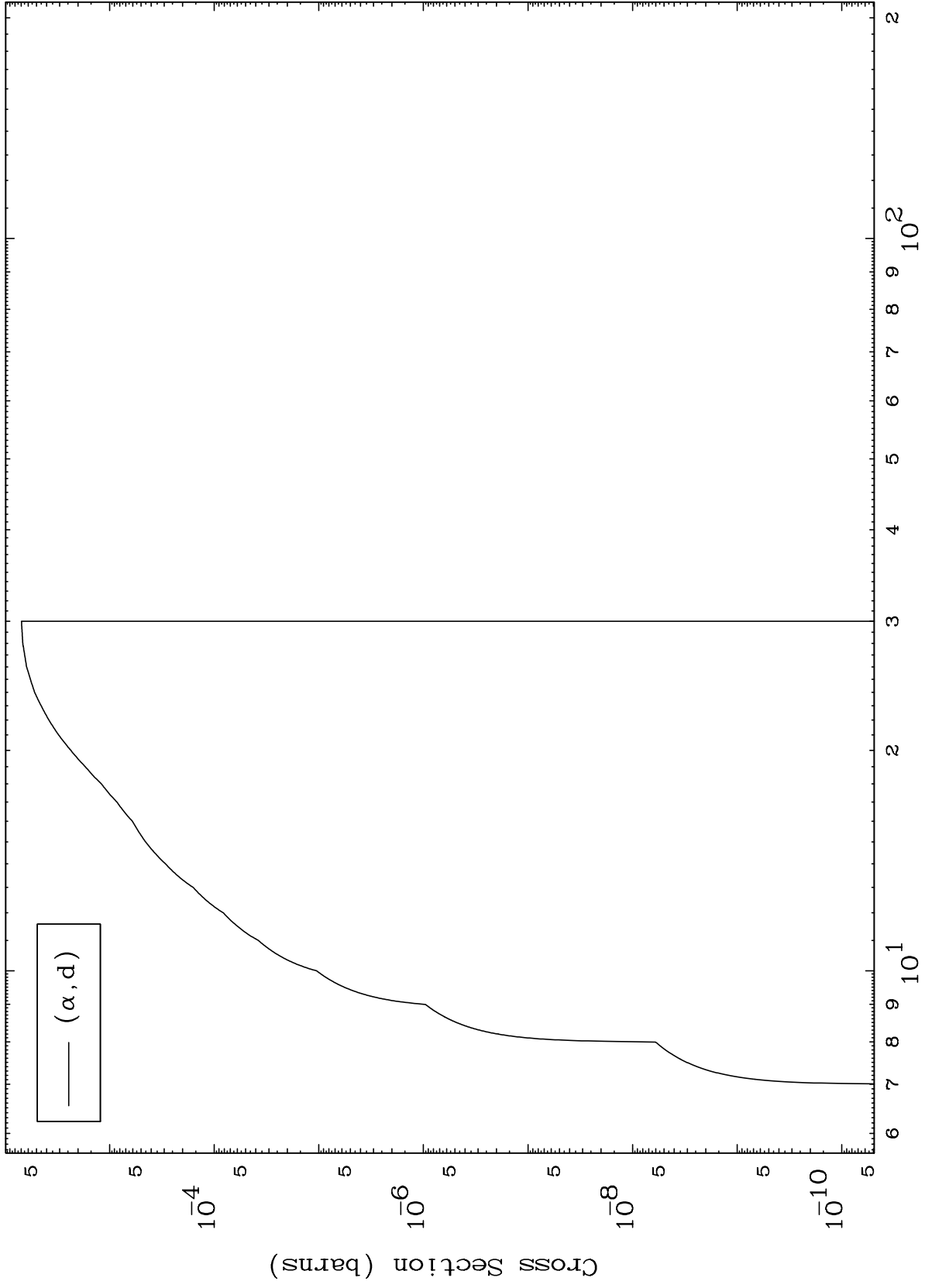
27-Co-60

Incident Energy (MeV)

MAT 2729

(α, d) Levels
0 Kelvin Cross Sections

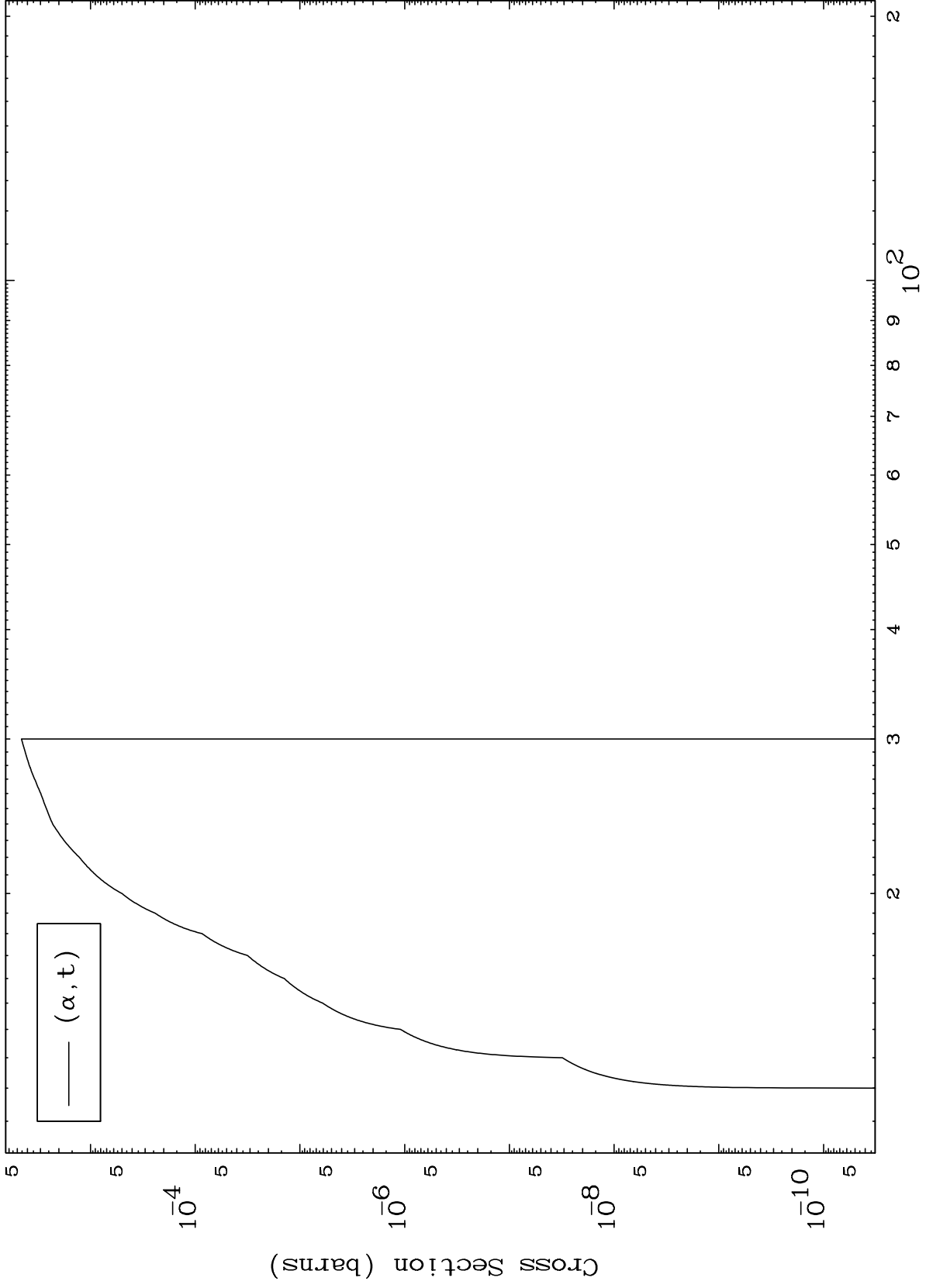
$^{27}\text{Co-60}$



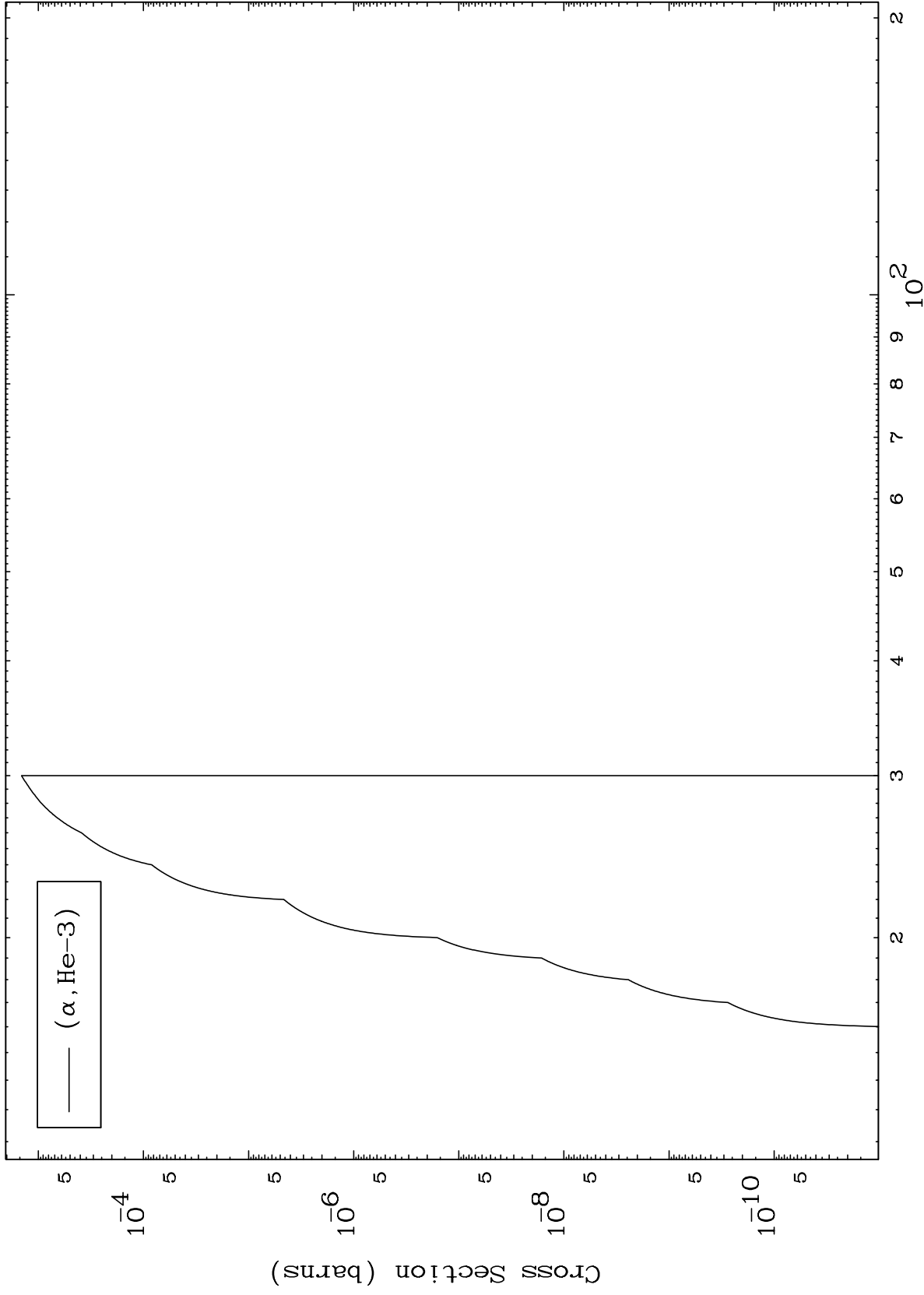
7

Incident Energy (MeV)

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



(α , He3) Levels
0 Kelvin Cross Sections

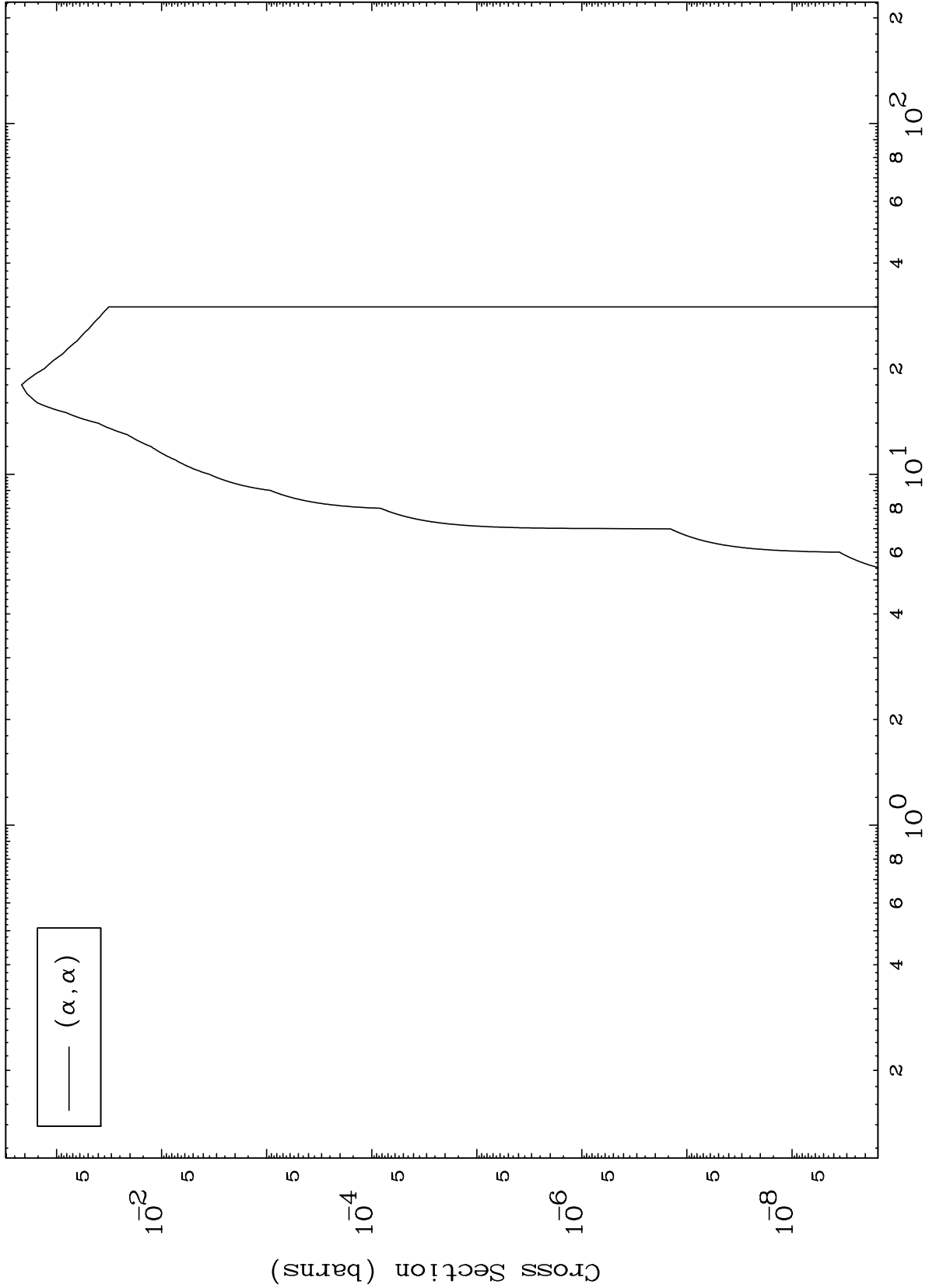


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(α, α) Levels

27-Co-60

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

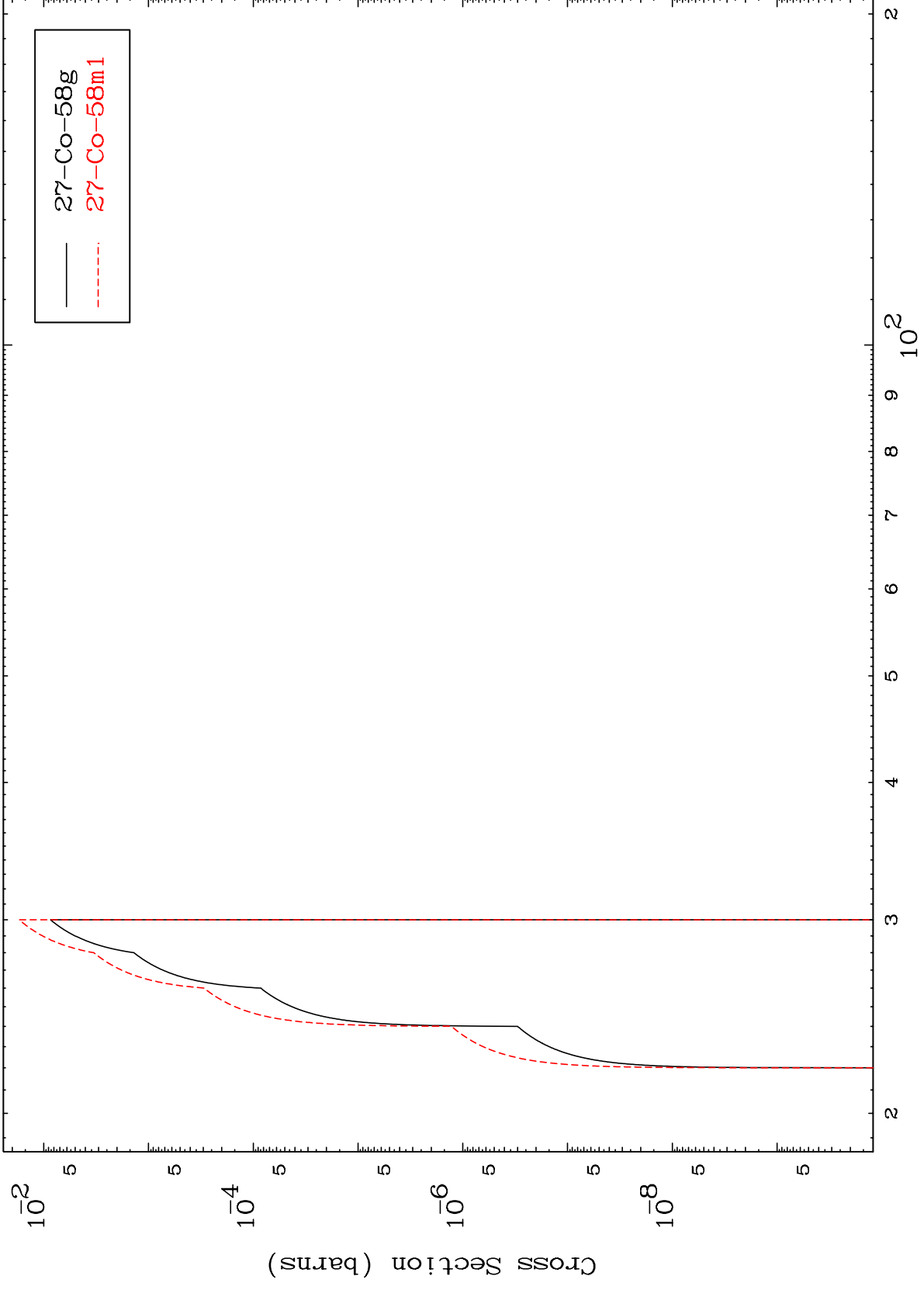
27-Co-60

MAT 2729

$(\alpha, 2n)$ α

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

Radionuclide Production Cross Section



11

Incident Energy (MeV)

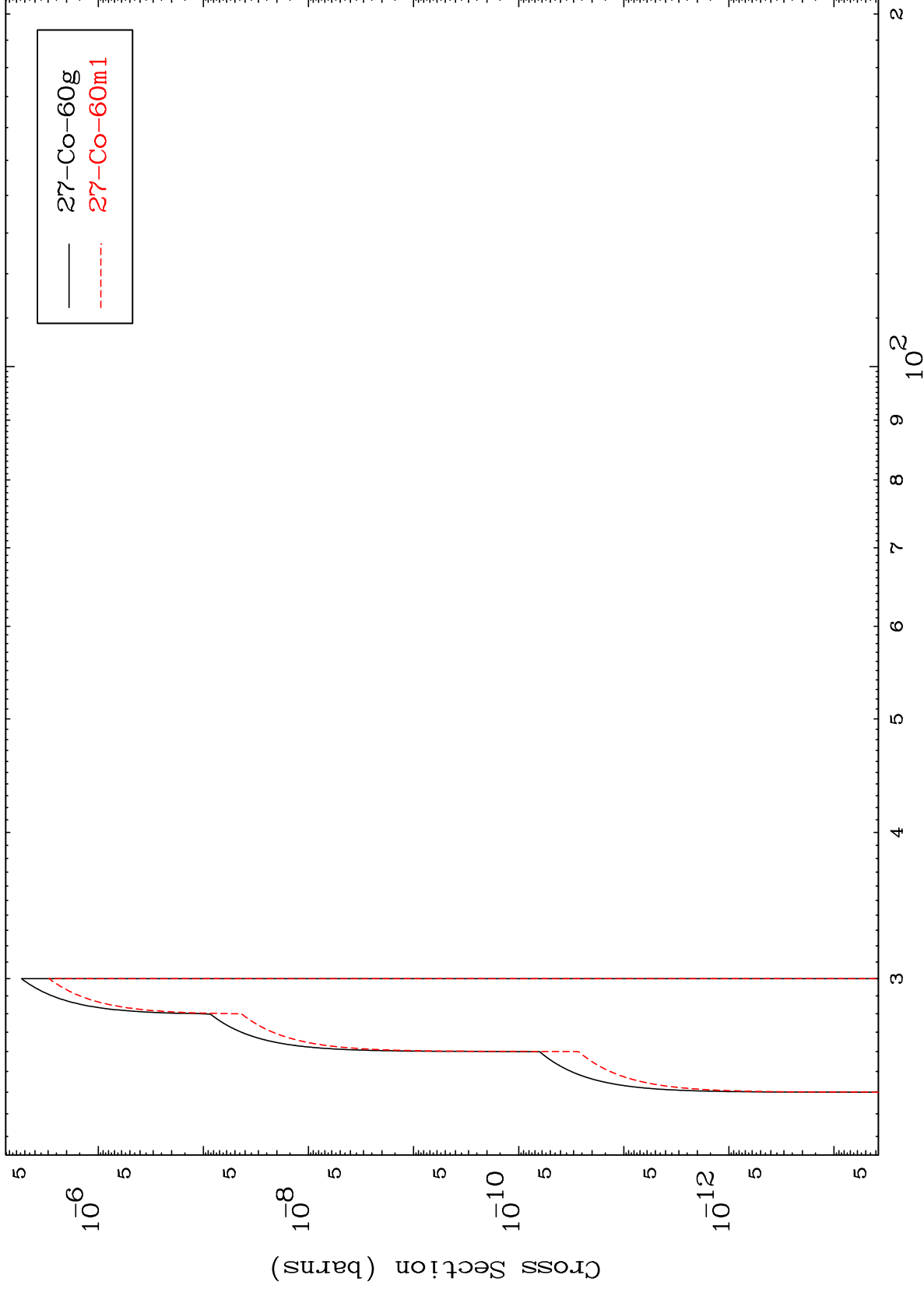
$^{27}\text{Co-60}$

MAT 2729

(α, n') He-3

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

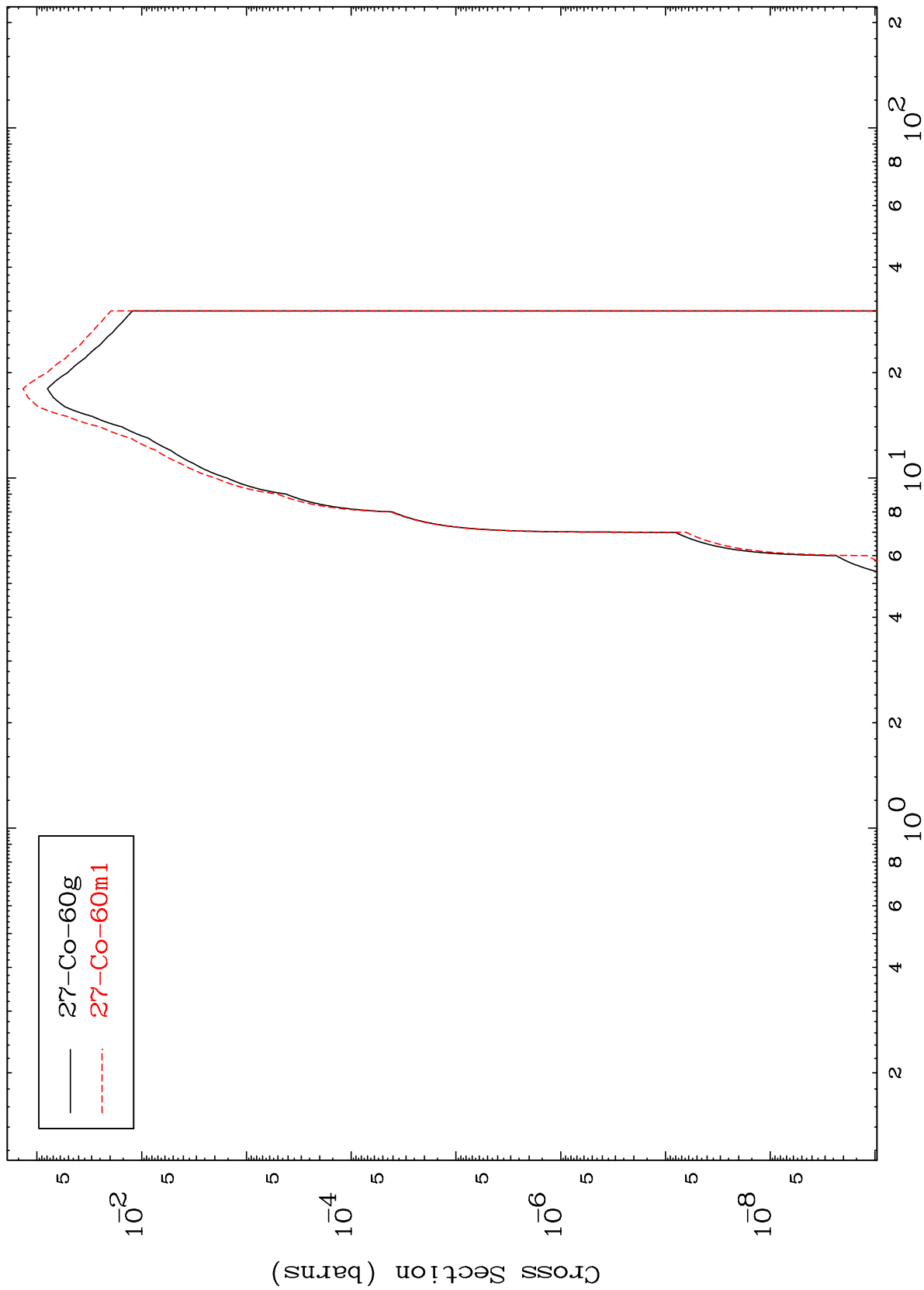
$^{27}\text{Co-60}$

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

Radionuclide Production Cross Section

(α, α)



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

Incident Energy (MeV)

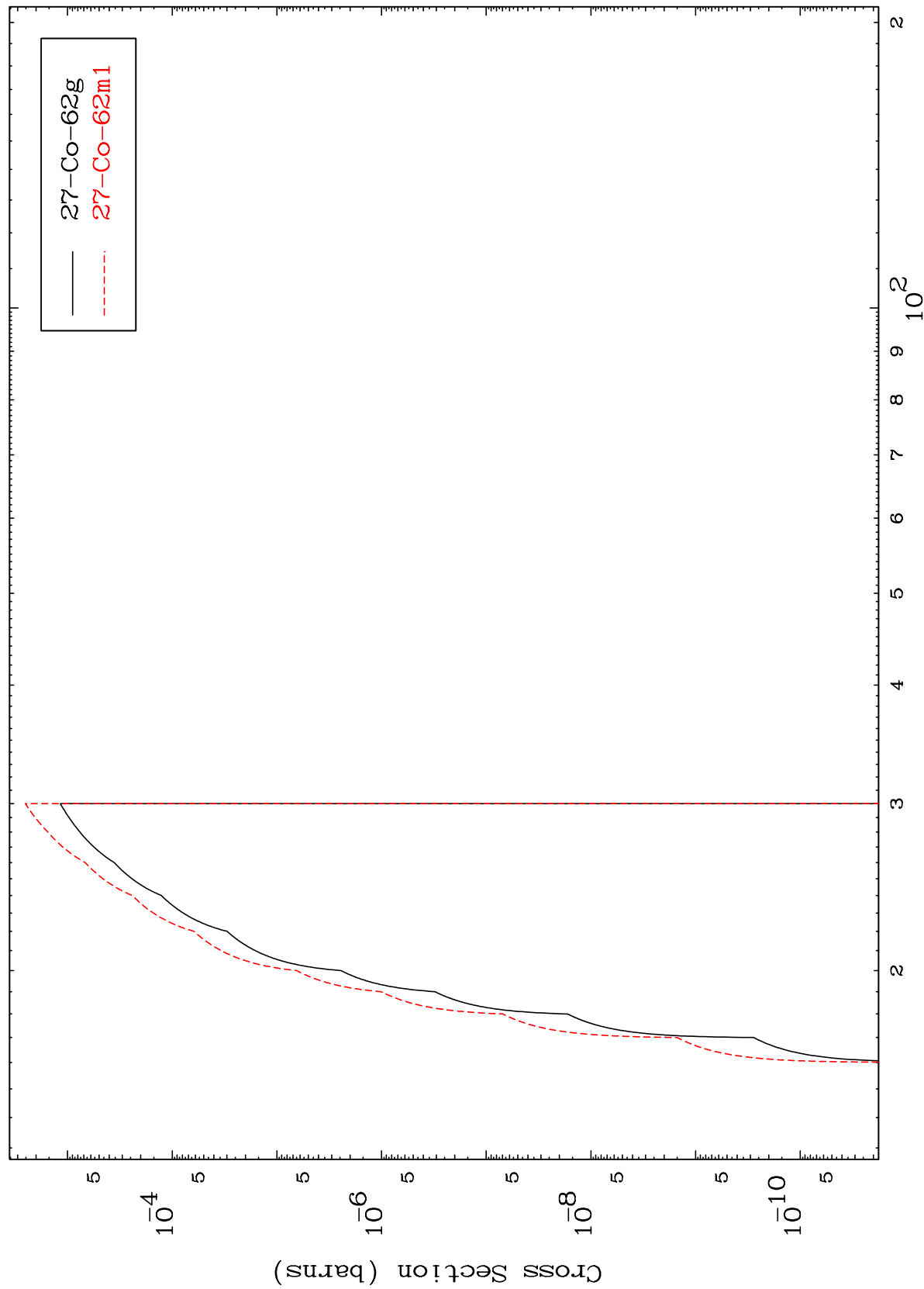
13

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²⁷Co-60

($\alpha, 2p$)

Radionuclide Production Cross Section



14

²⁷Co-60

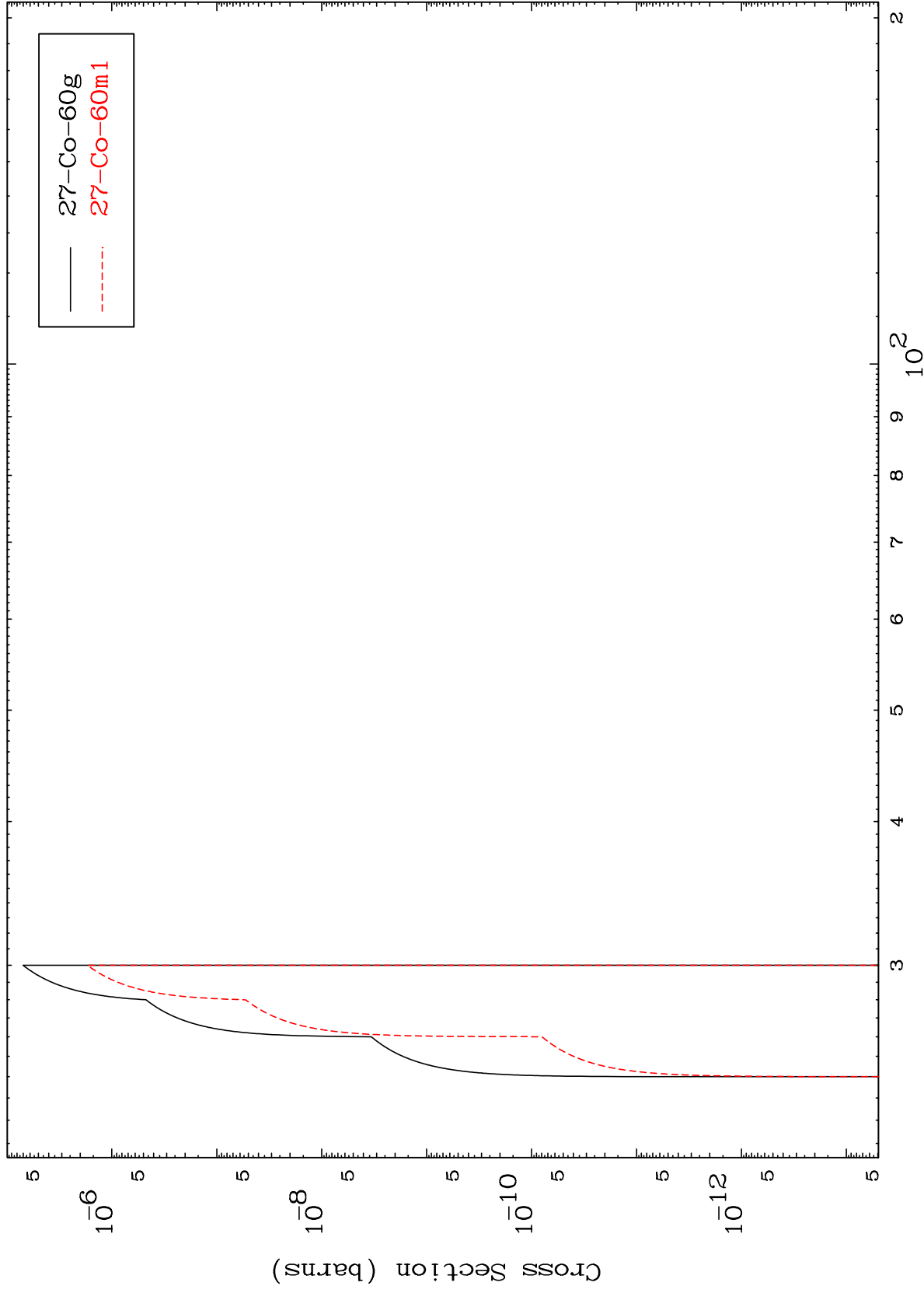
Incident Energy (MeV)

MAT 2729

(α, p) t

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

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