

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

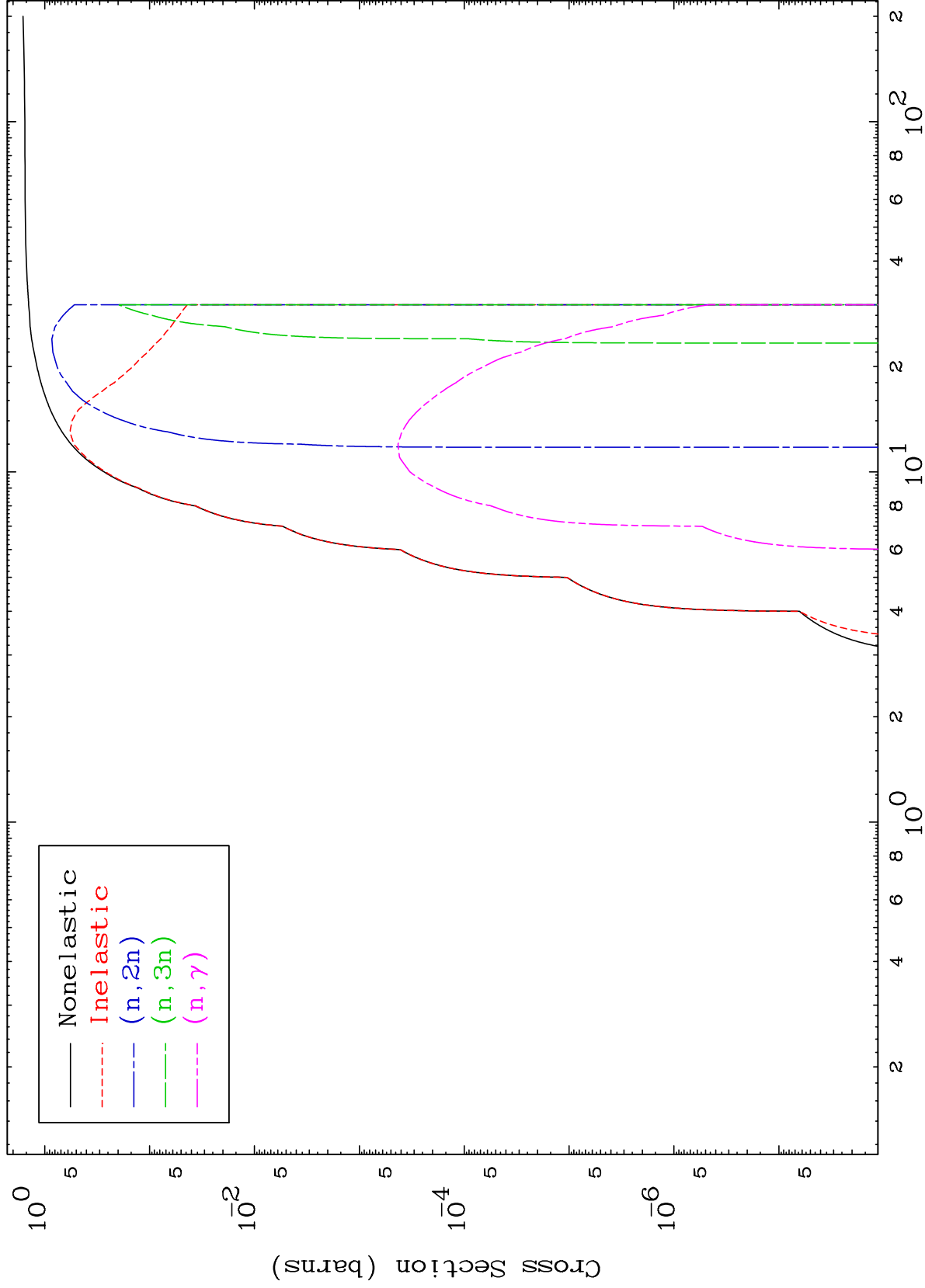
Press Mouse Button to Start

MAT 2731

α Major

27-Co-61

0 Kelvin Cross Sections



1

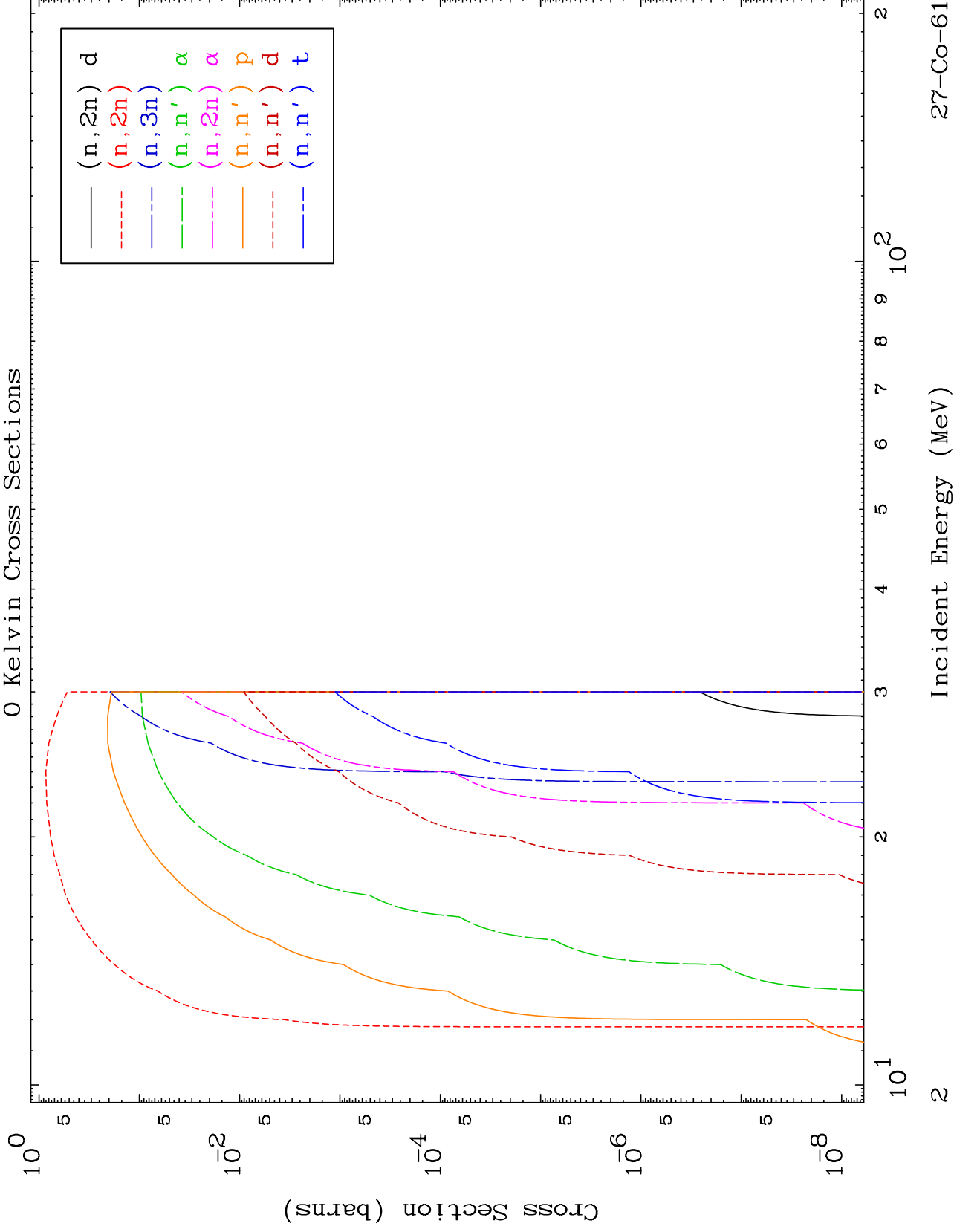
Incident Energy (MeV)

27-Co-61

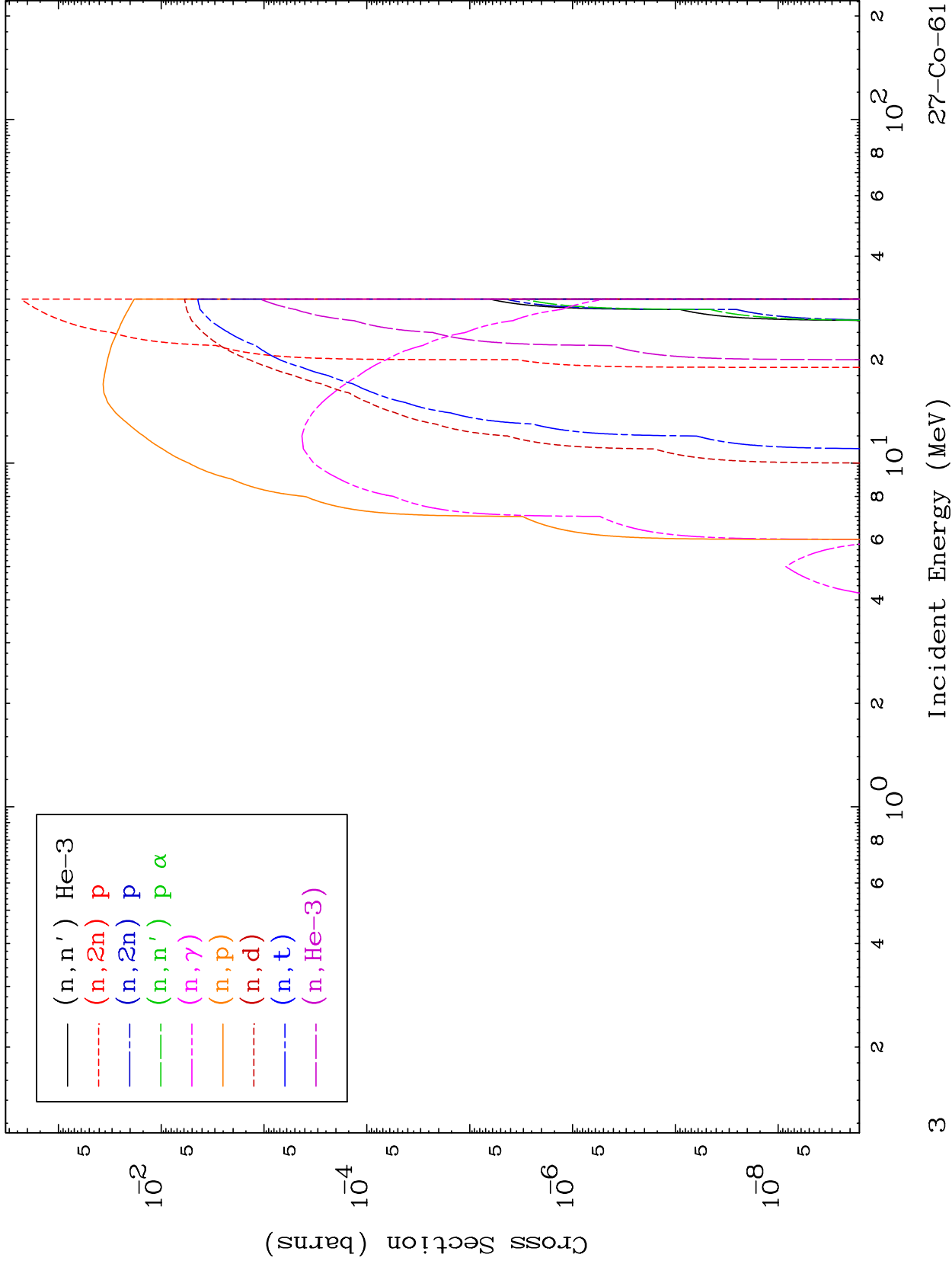
MAT 2731

α Neutron Absorption
0 Kelvin Cross Sections

27-Co-61



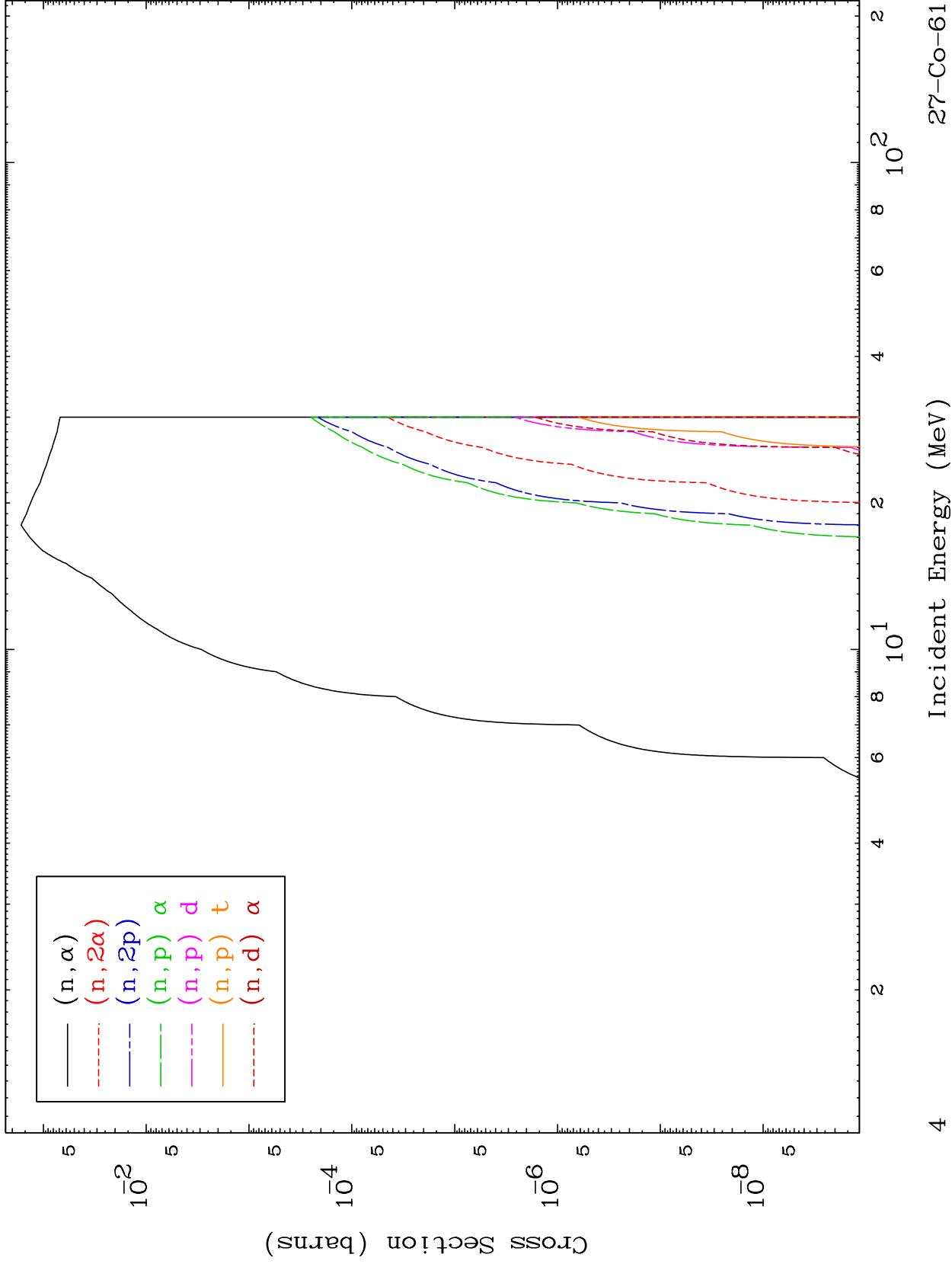
27-Co-61



MAT 2731

α Neutron Absorption
0 Kelvin Cross Sections

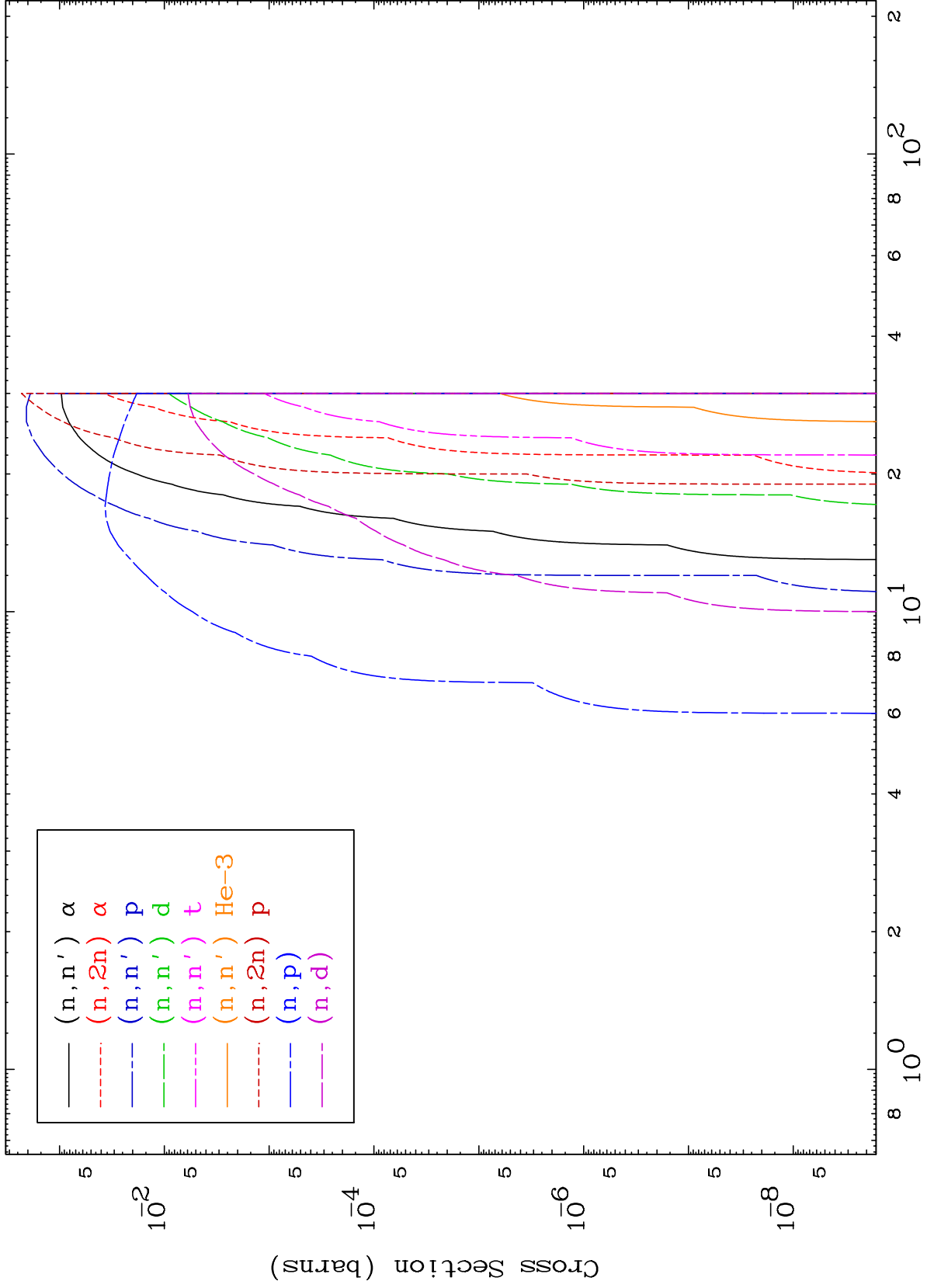
27-Co-61



MAT 2731

α Charged Particle
0 Kelvin Cross Sections

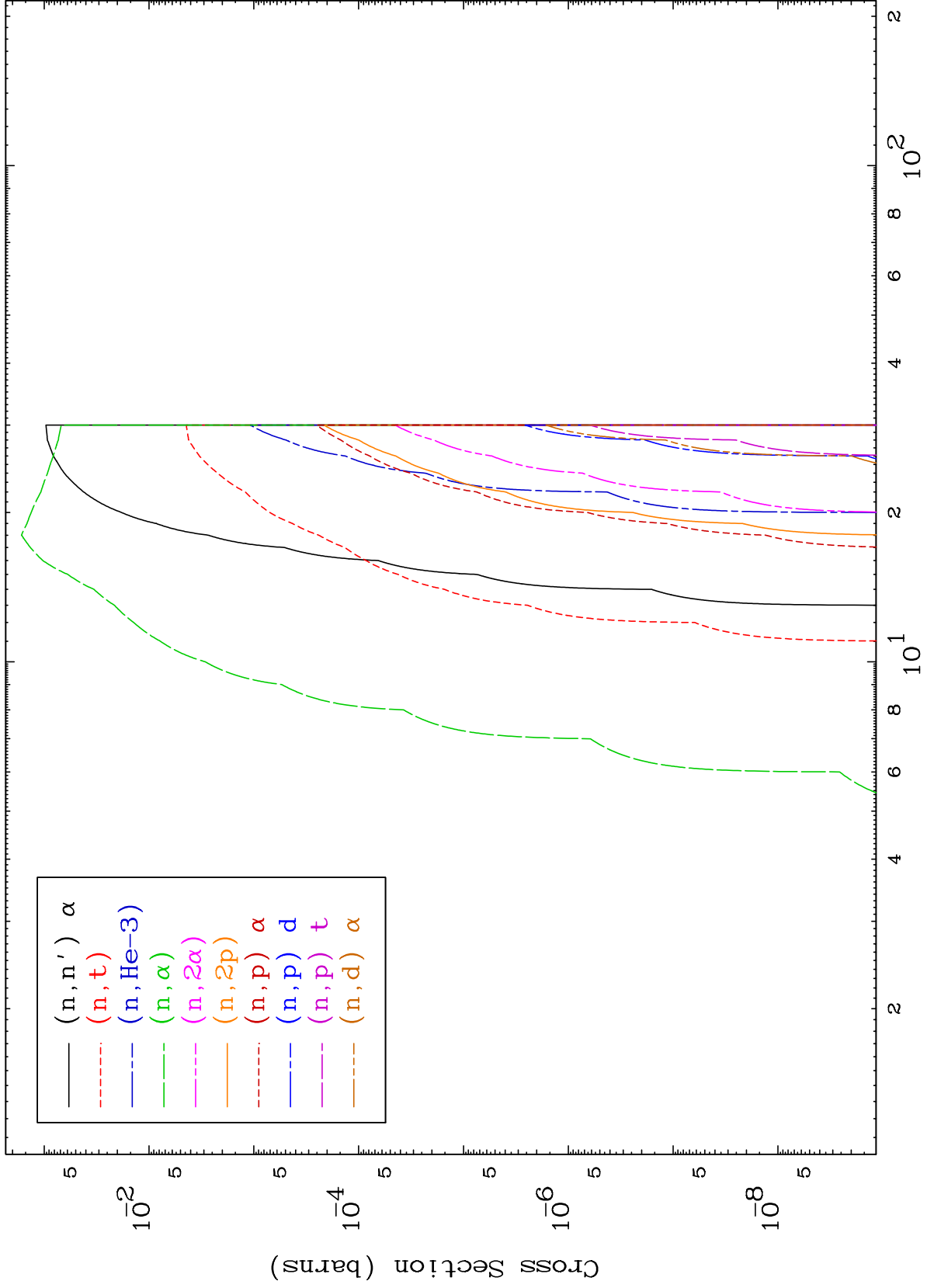
27-Co-61



5

Incident Energy (MeV)

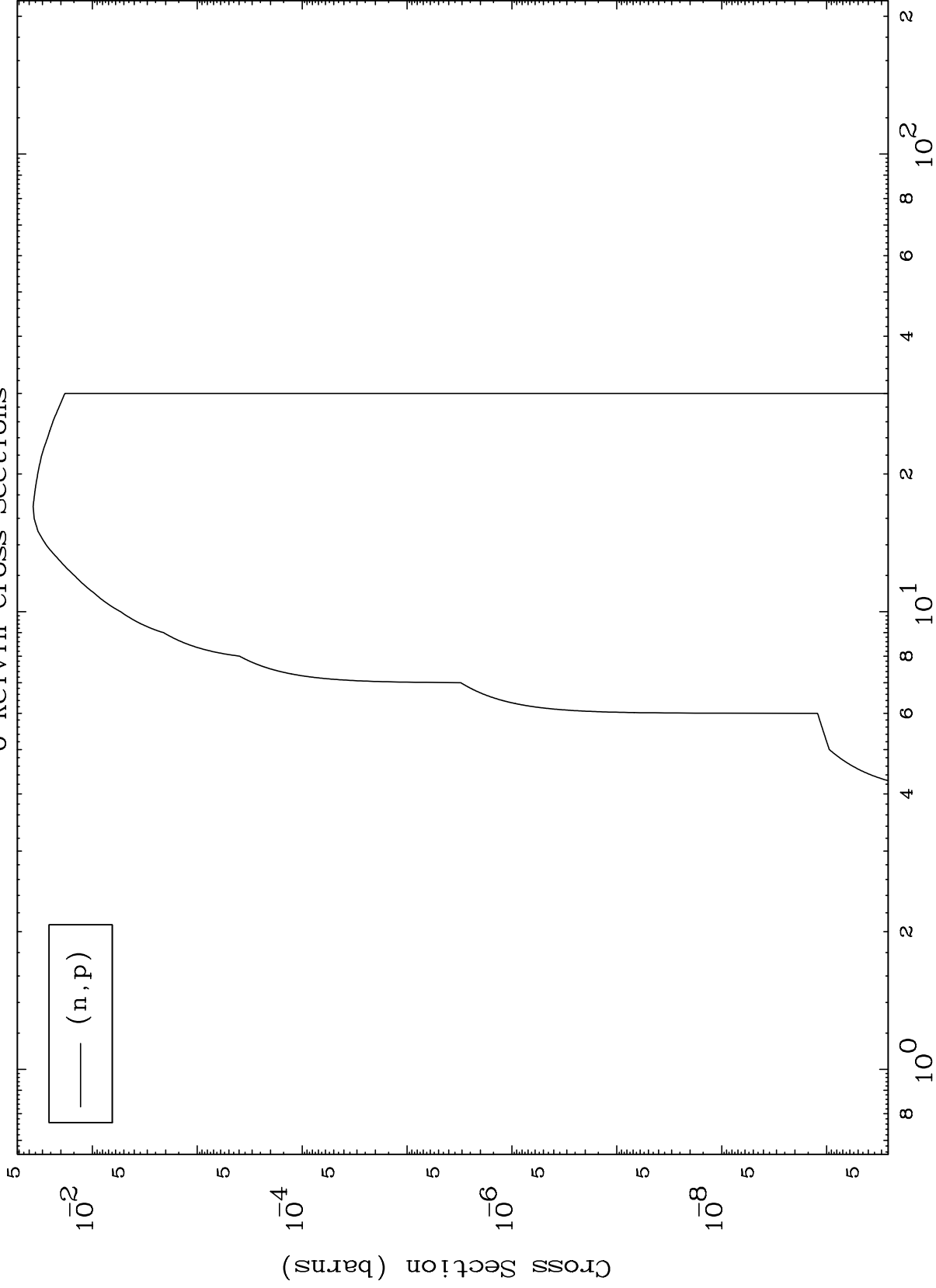
27-Co-61



MAT 2731

27-Co-61

(α, p) Levels
0 Kelvin Cross Sections



27-Co-61

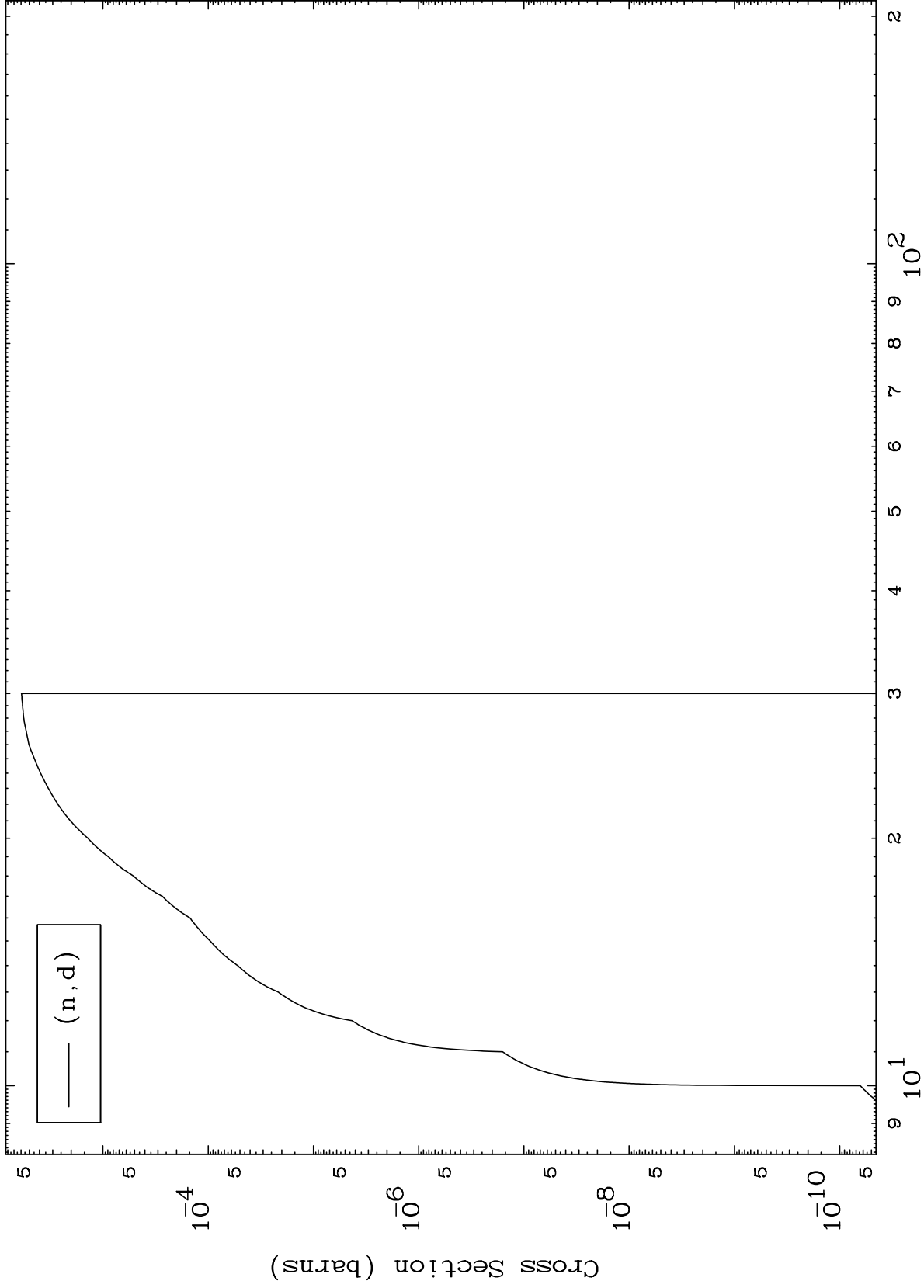
Incident Energy (MeV)

7

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(α, d) Levels
0 Kelvin Cross Sections

27-Co-61



8

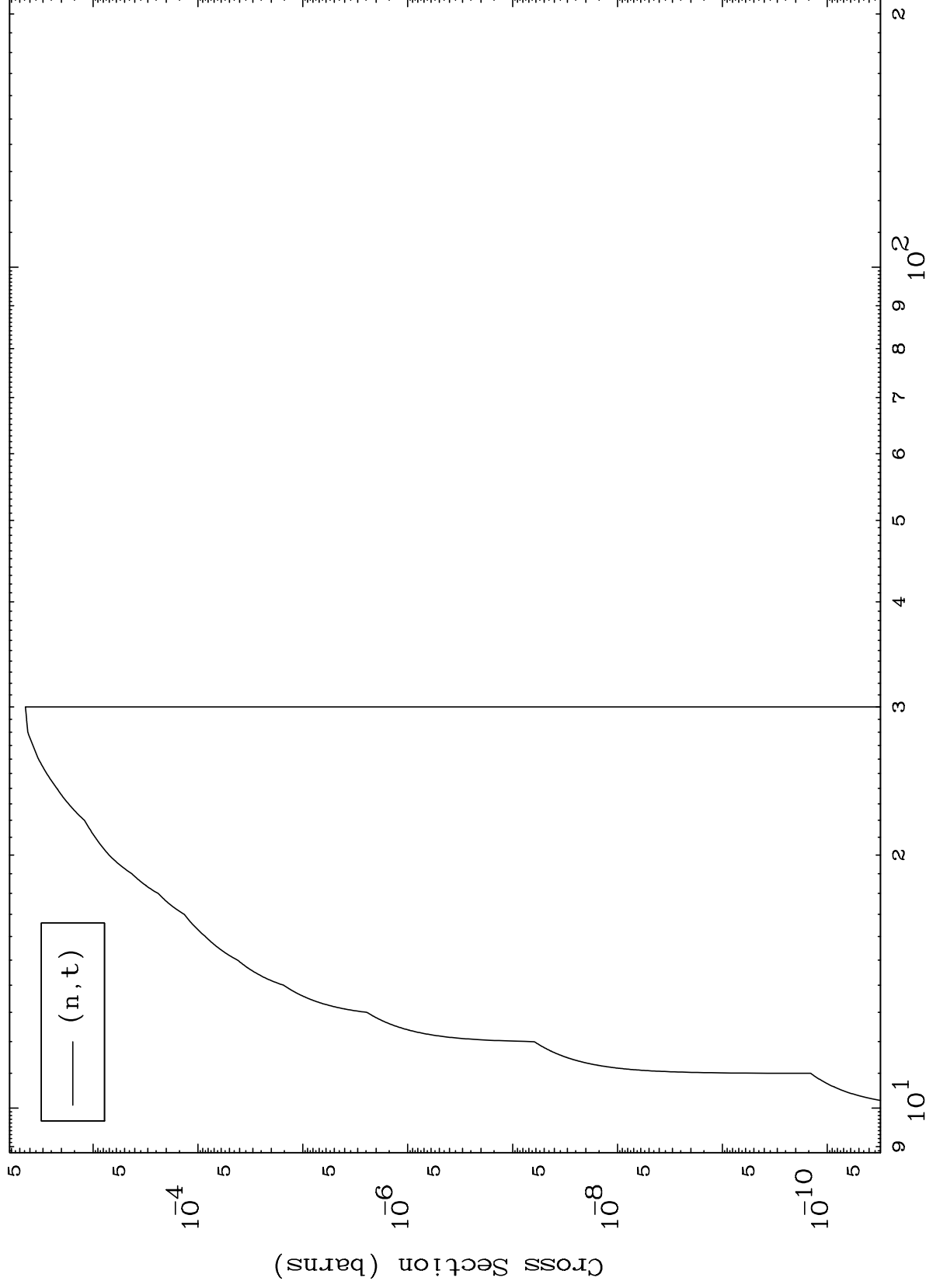
Incident Energy (MeV)

27-Co-61

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²⁷Co-61

(α, t) Levels
0 Kelvin Cross Sections



9

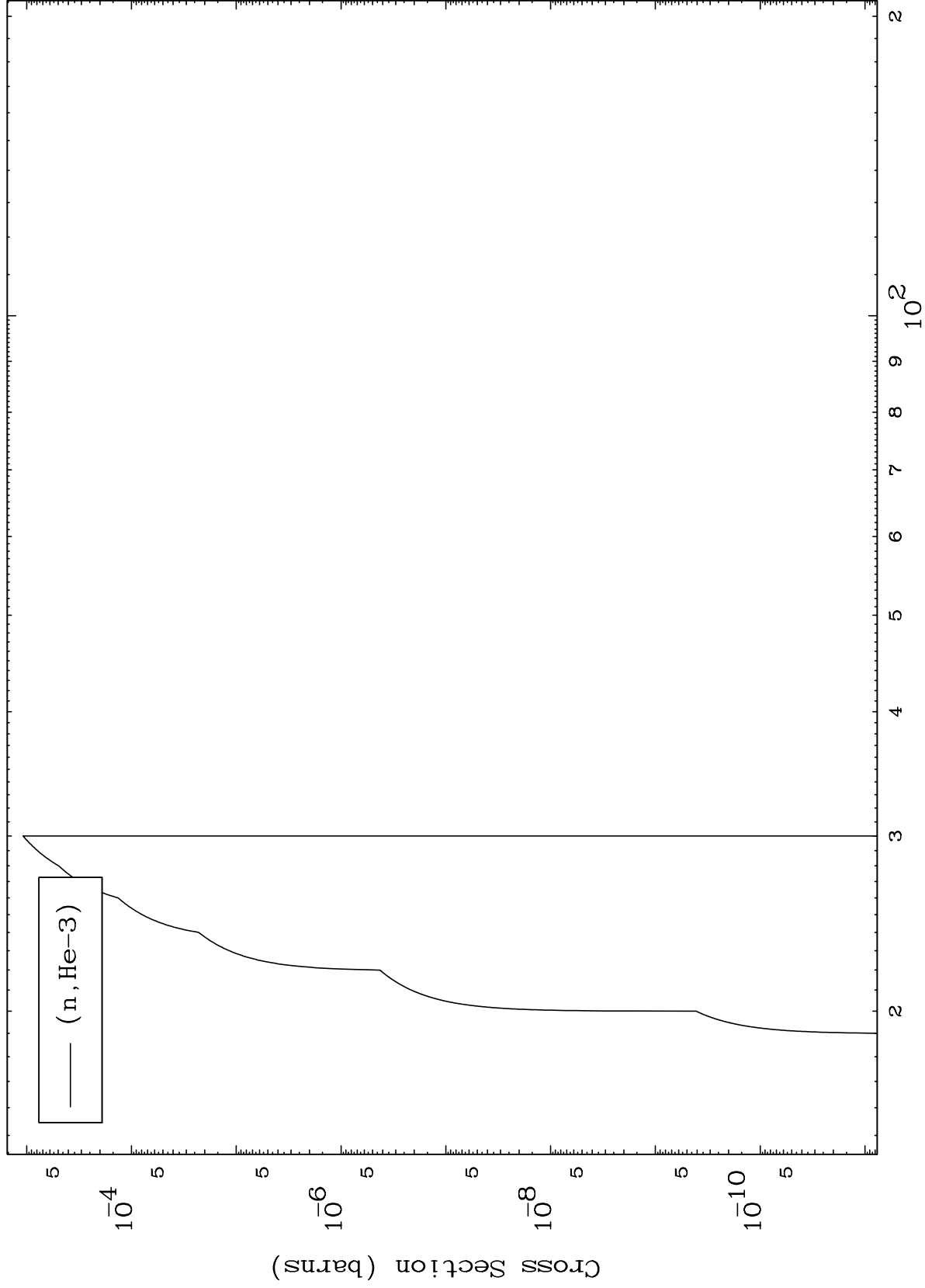
Incident Energy (MeV)

²⁷Co-61

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(α , He3) Levels
0 Kelvin Cross Sections

27-Co-61



10

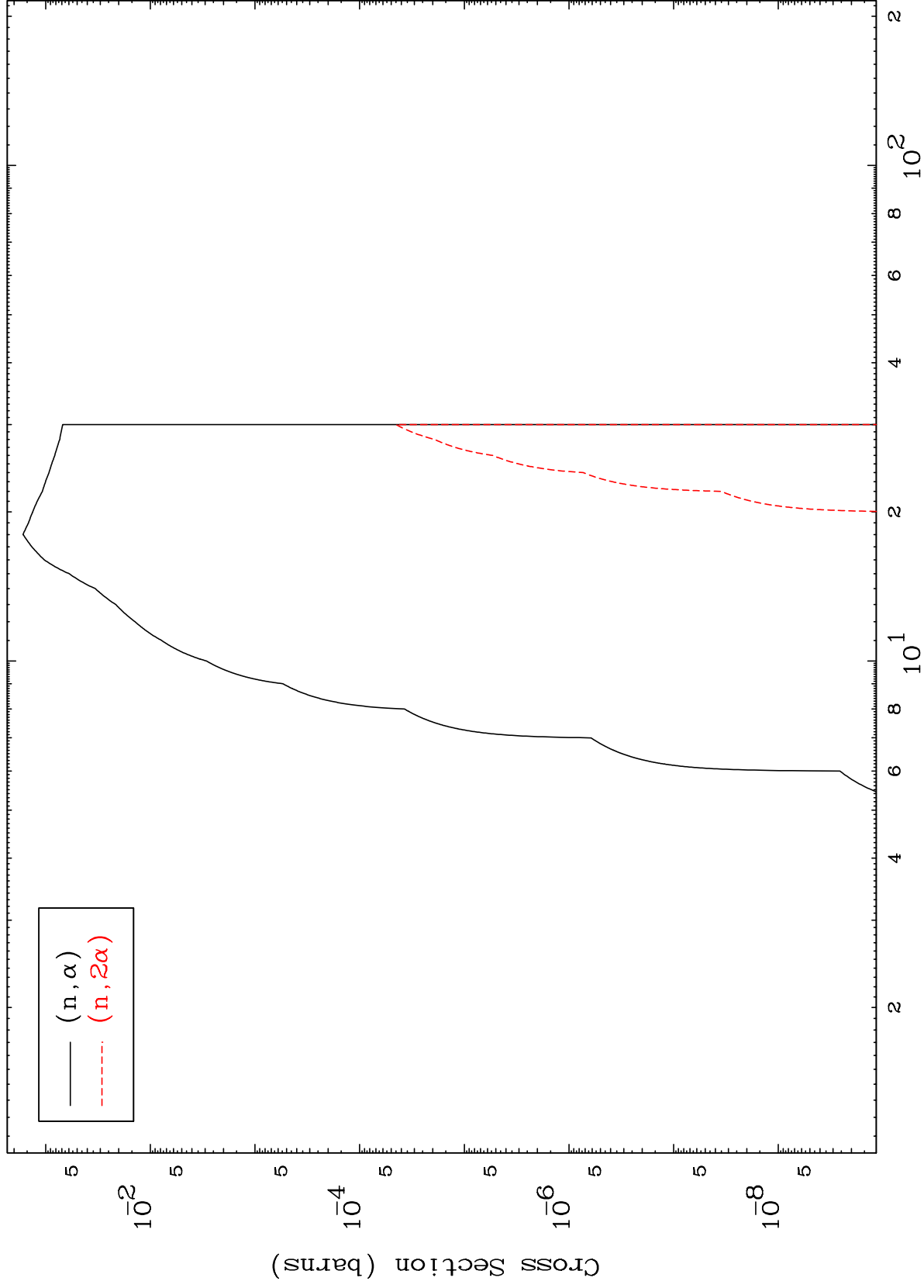
Incident Energy (MeV)

27-Co-61

MAT 2731

(α, α) Levels
0 Kelvin Cross Sections

27-Co-61



11

Incident Energy (MeV)

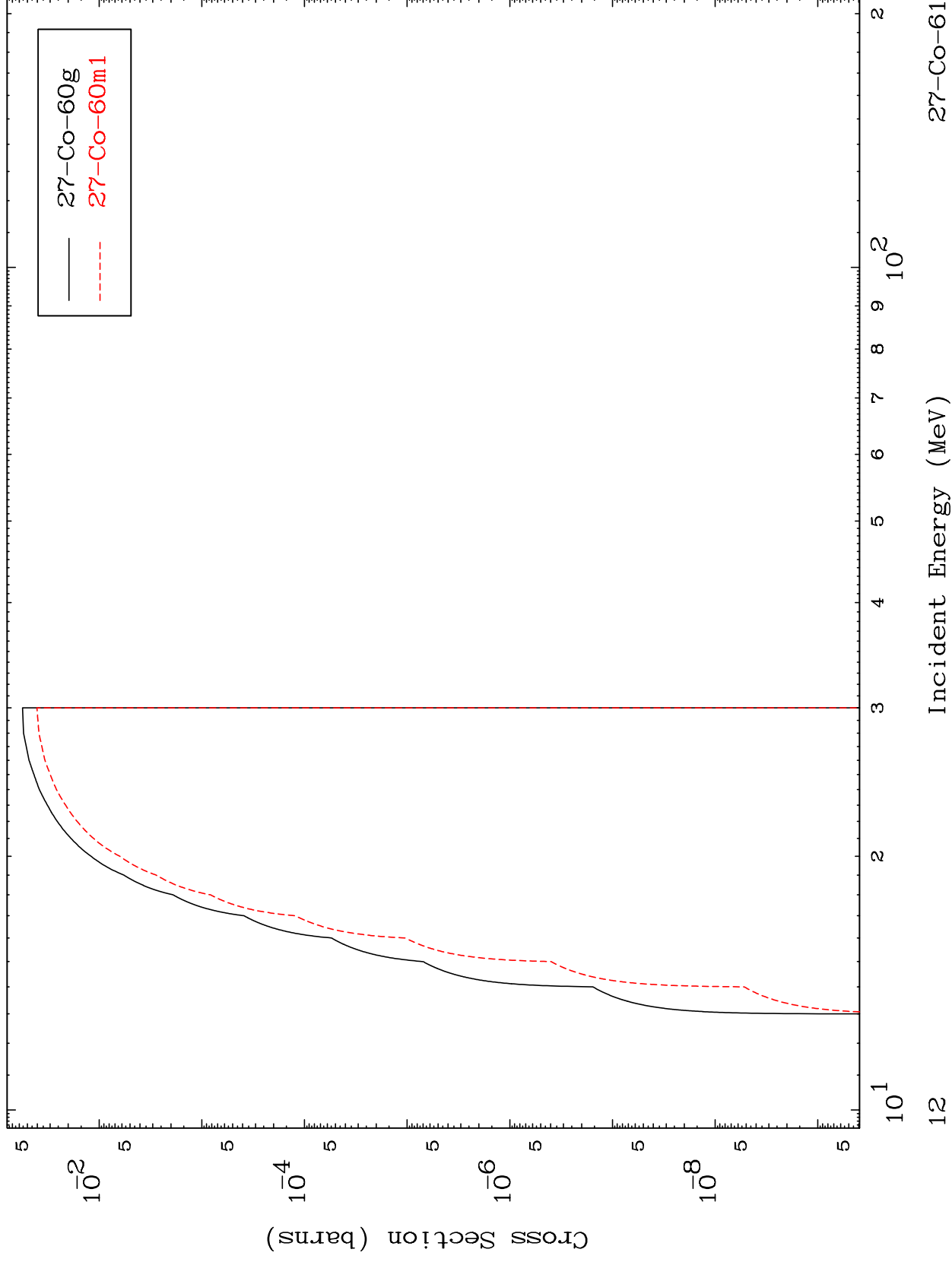
27-Co-61

MAT 2731

(n, n') α

$^{27}\text{Co-61}$

Radionuclide Production Cross Section



$^{27}\text{Co-61}$

Incident Energy (MeV)

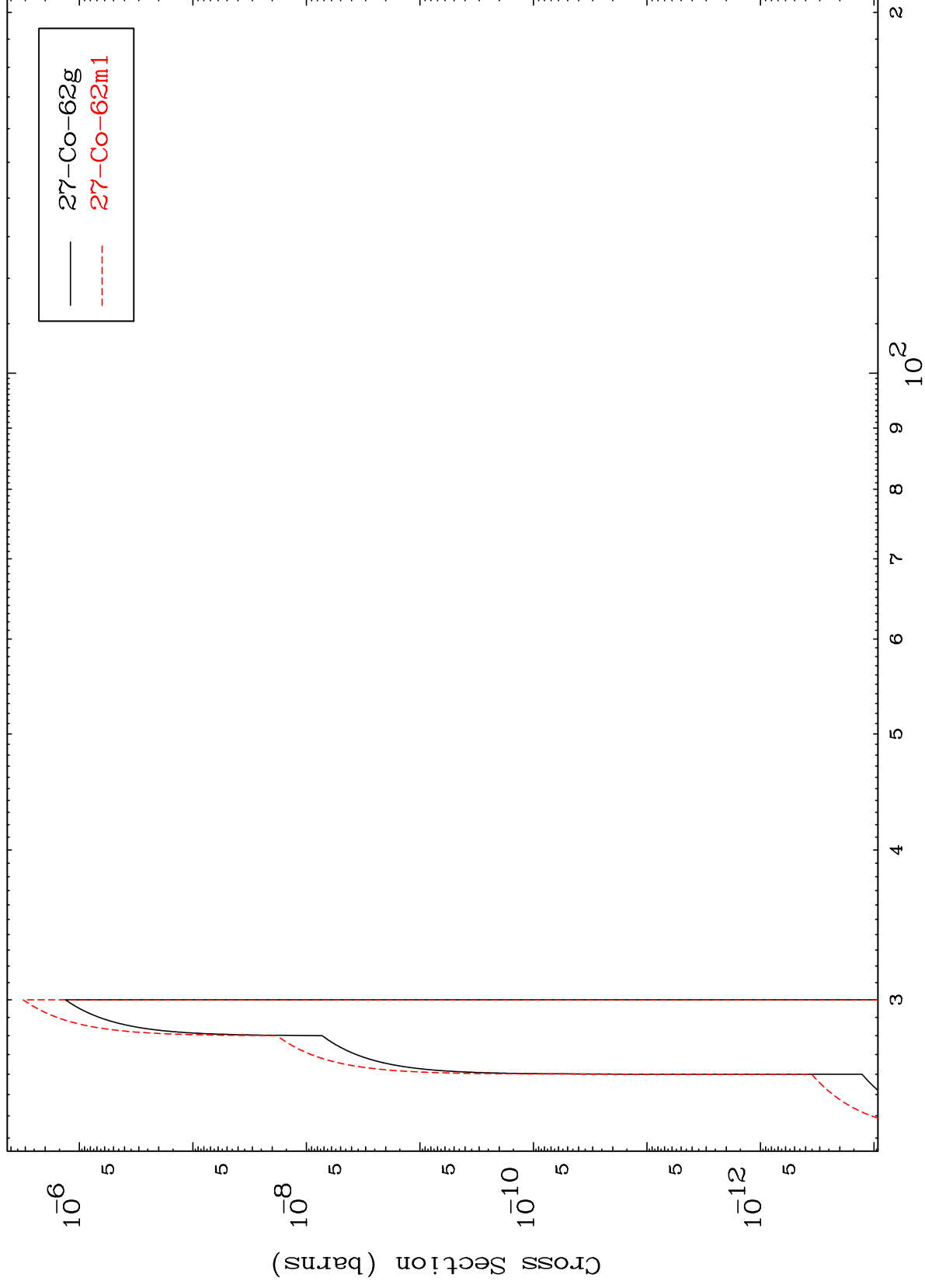
12

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²⁷Co-61

(n,2n) p

Radionuclide Production Cross Section



²⁷Co-61

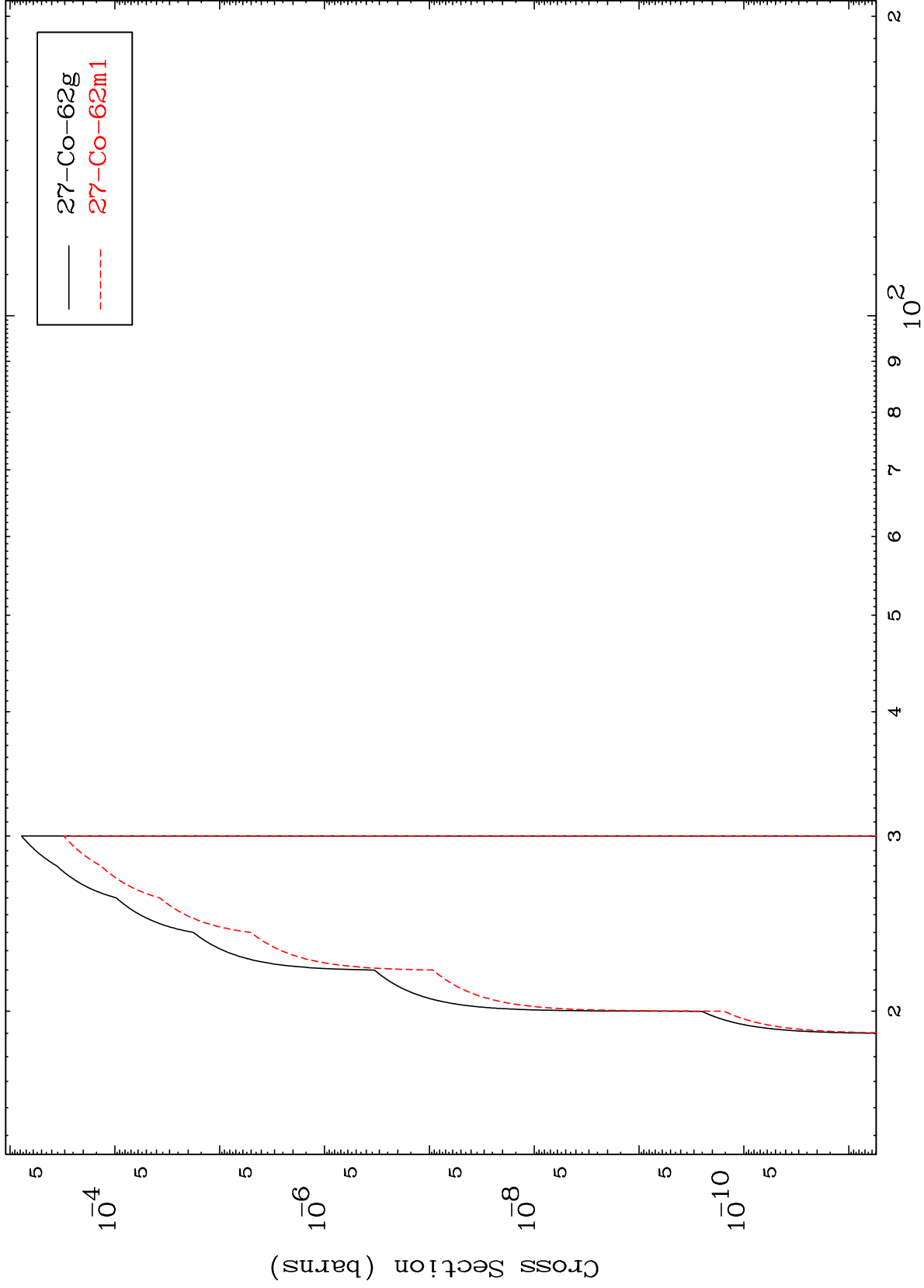
Incident Energy (MeV)

13

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²⁷Co-61

(n,He-3)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

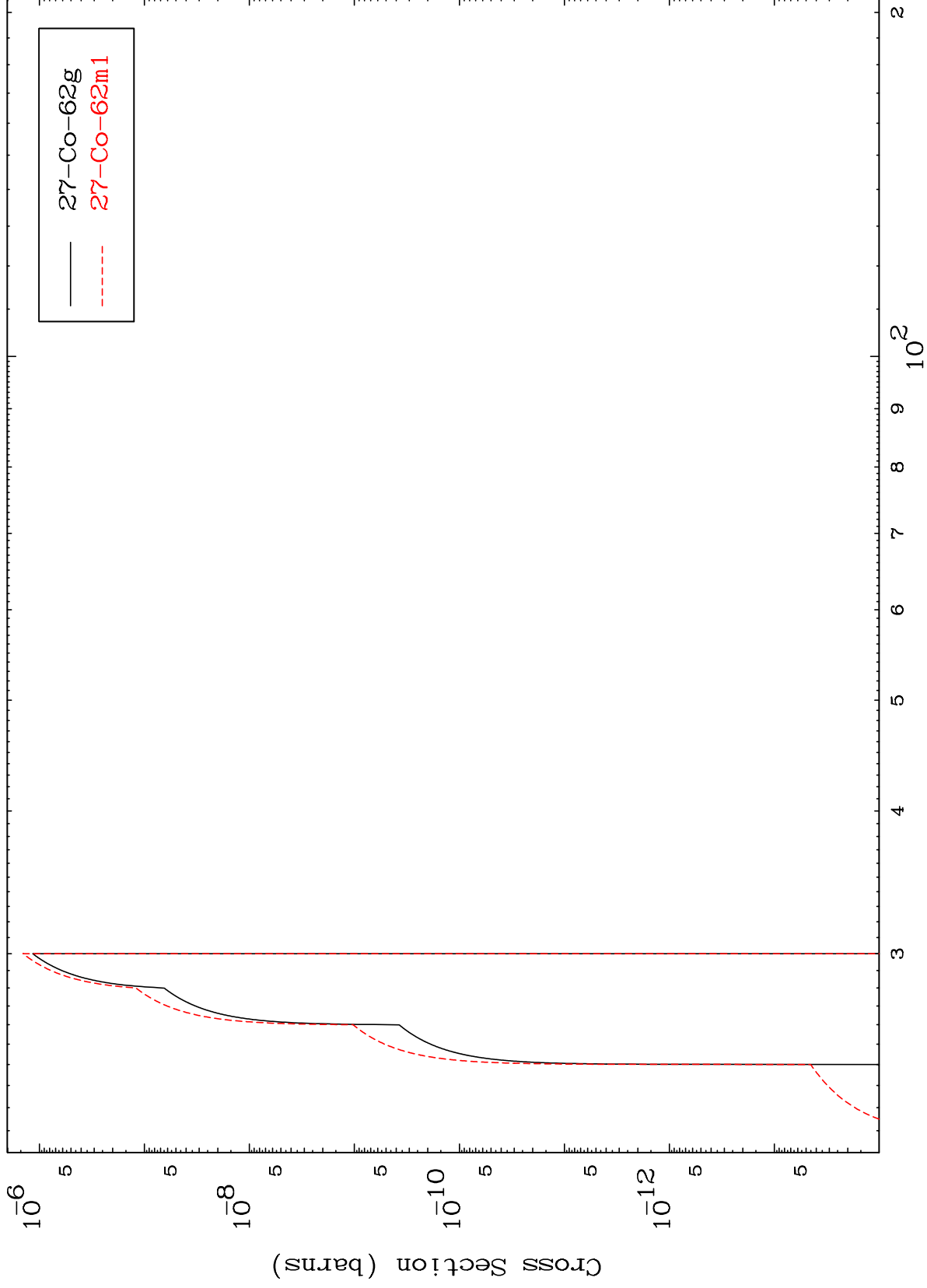
²⁷Co-61

MAT 2731

(n,p) d

²⁷Co-61

Radionuclide Production Cross Section



15

Incident Energy (MeV)

²⁷Co-61