

Program EVALPLOT
(Version 2018-1)

by

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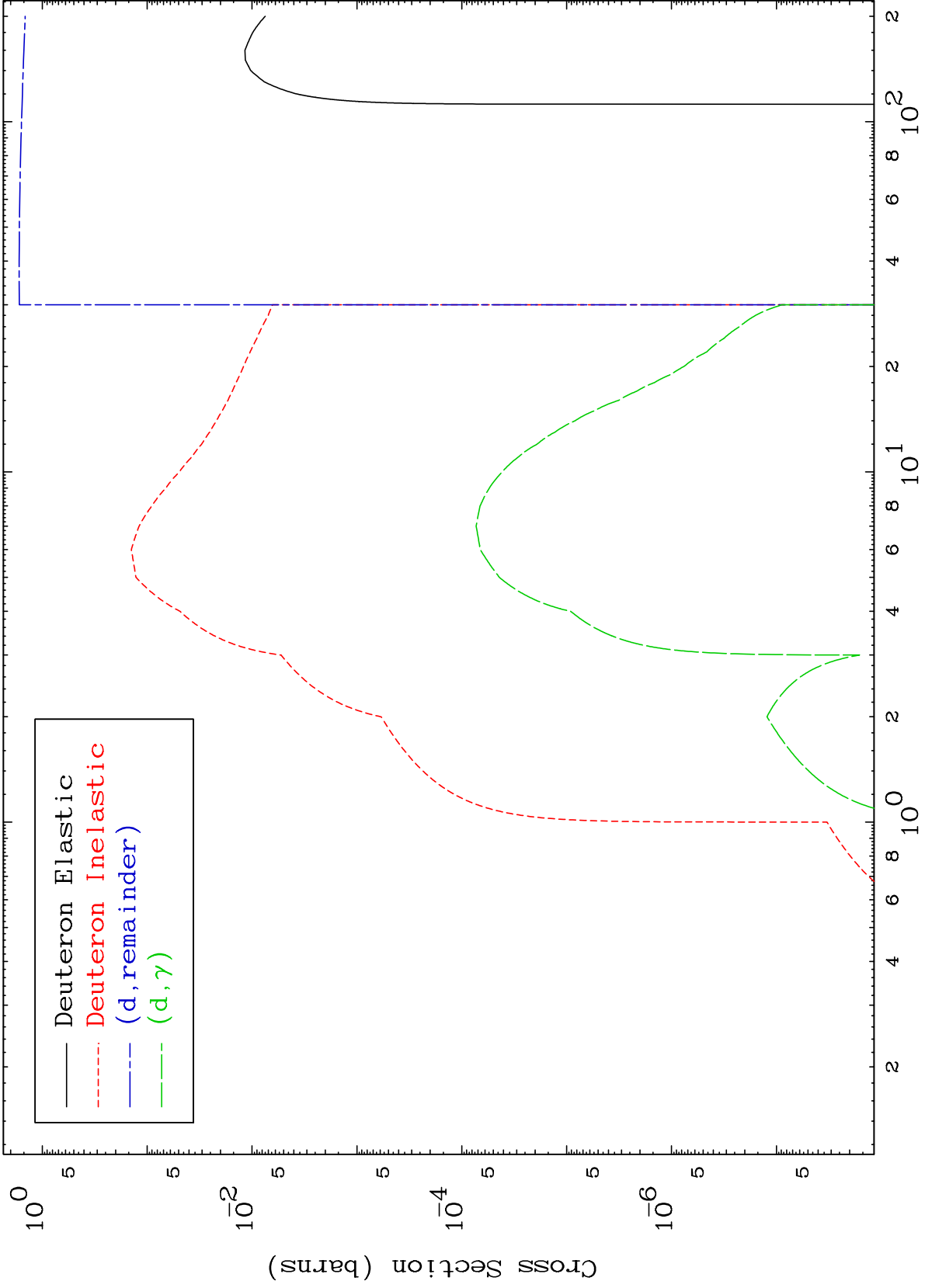
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2731

Deuteron Major
0 Kelvin Cross Sections

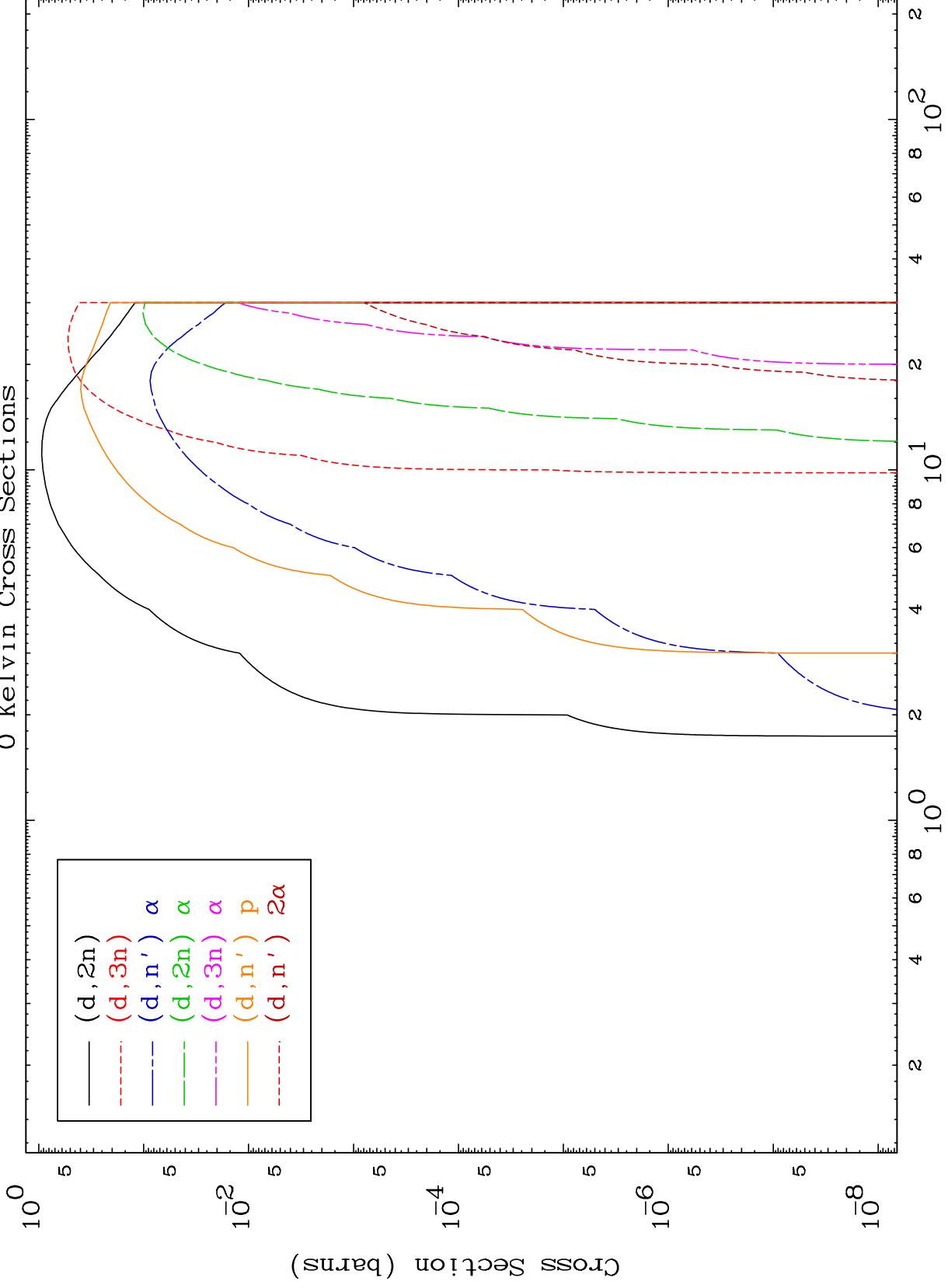
27-Co-61



MAT 2731

Deuteron Neutron Production
0 Kelvin Cross Sections

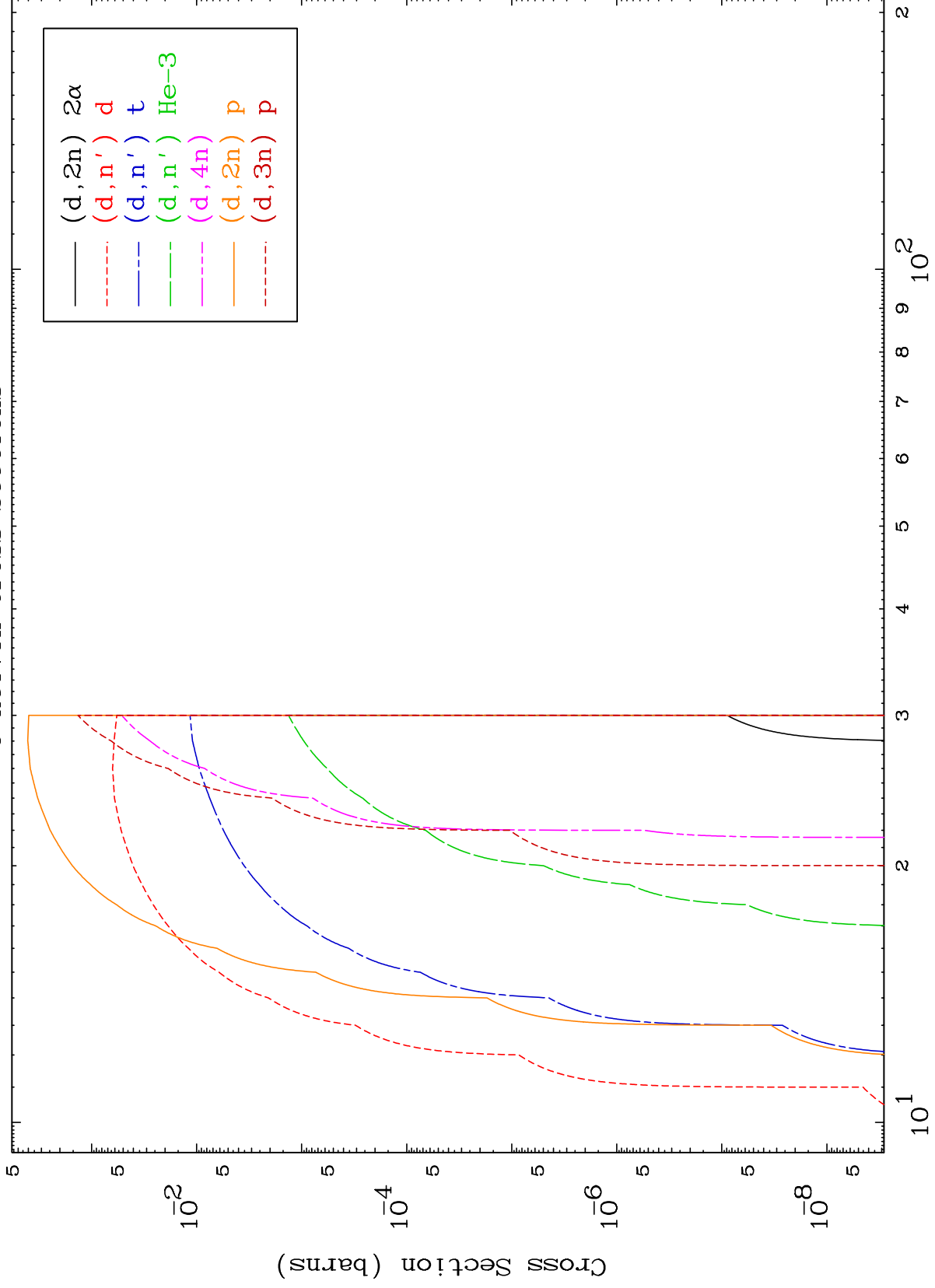
²⁷Co-61



2

Incident Energy (MeV)

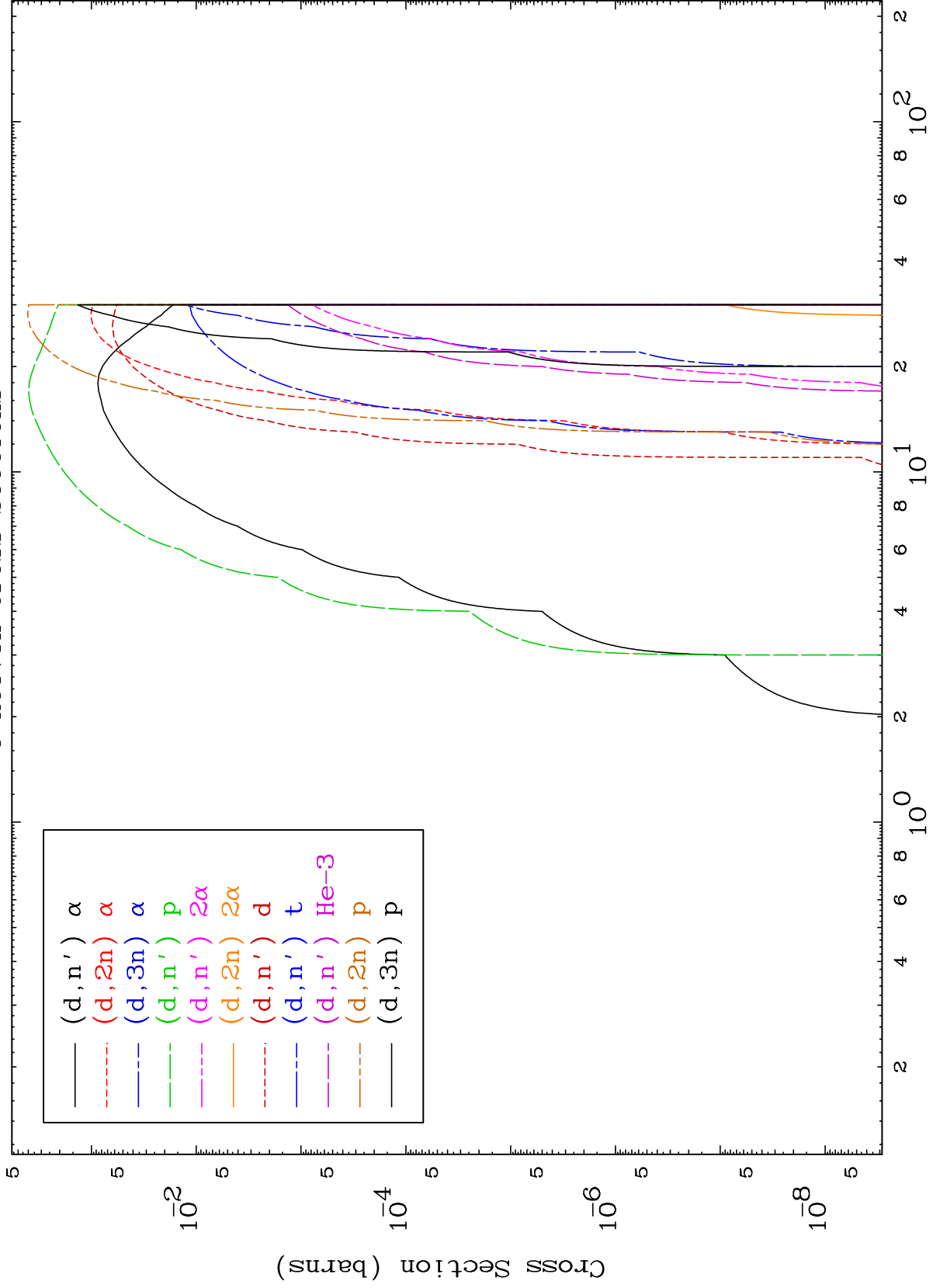
²⁷Co-61

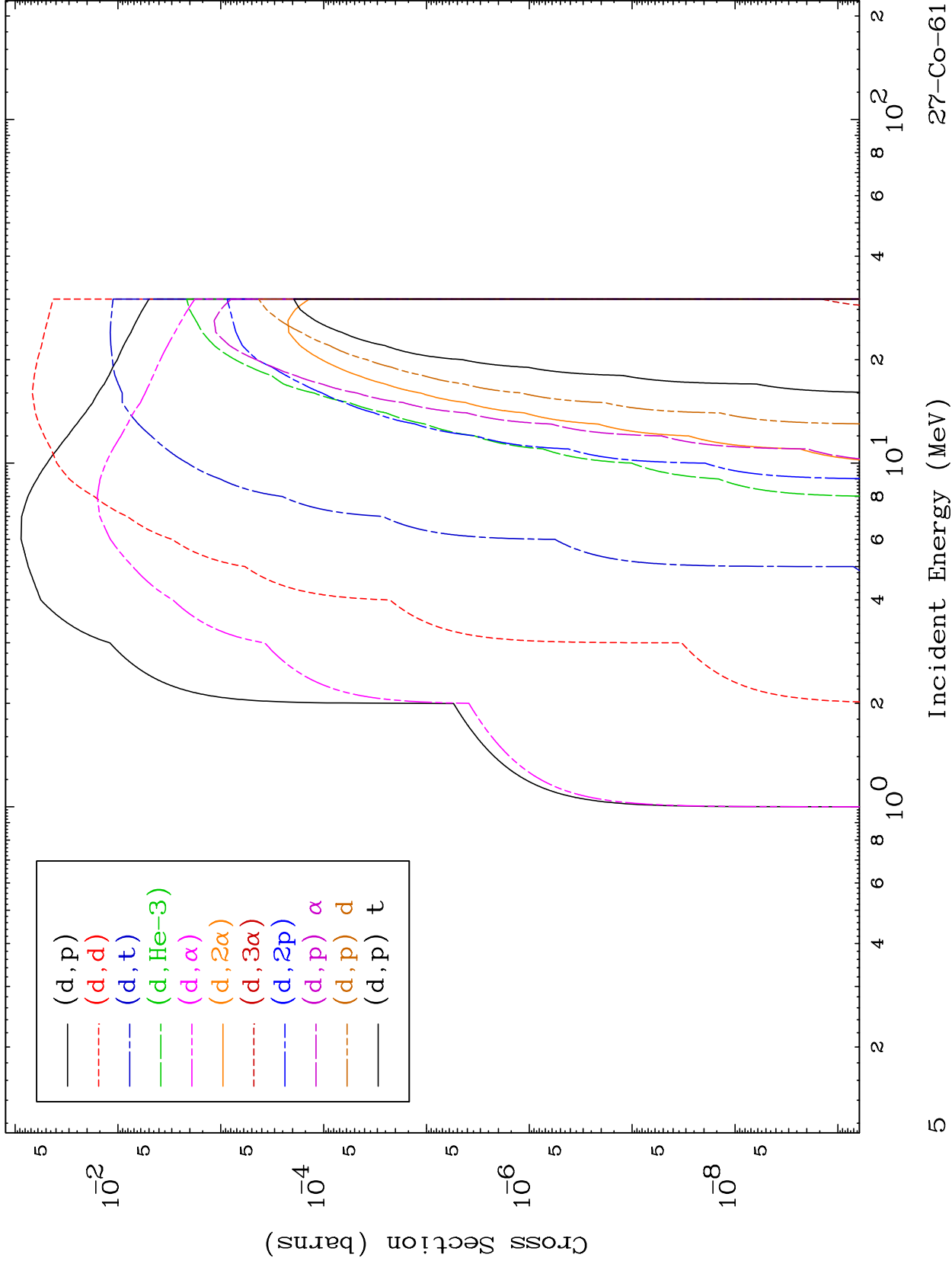


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Deuteron Charged Particle
0 Kelvin Cross Sections

27-Co-61

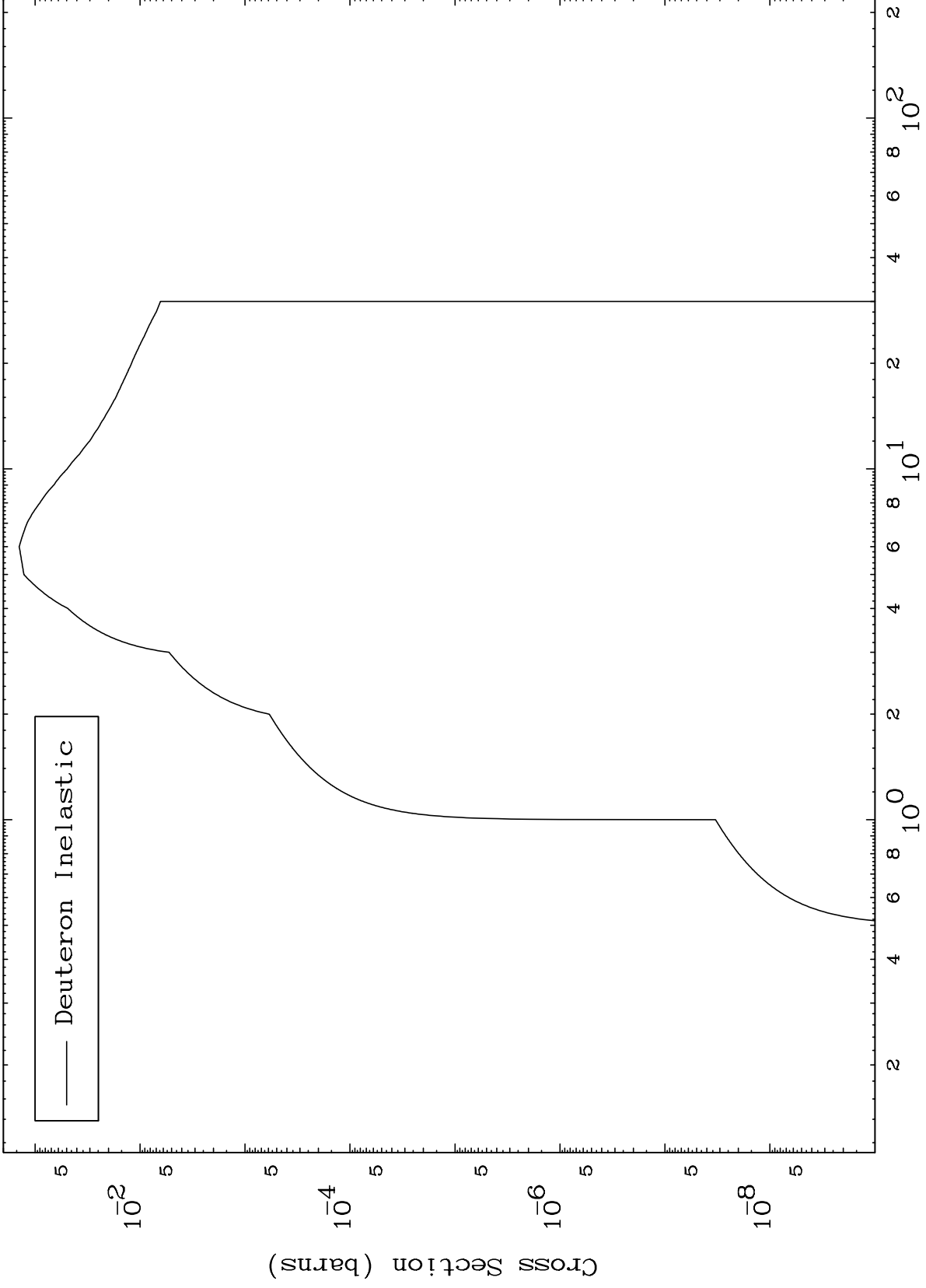




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27-Co-61

(d,n') Level
0 Kelvin Cross Sections



6

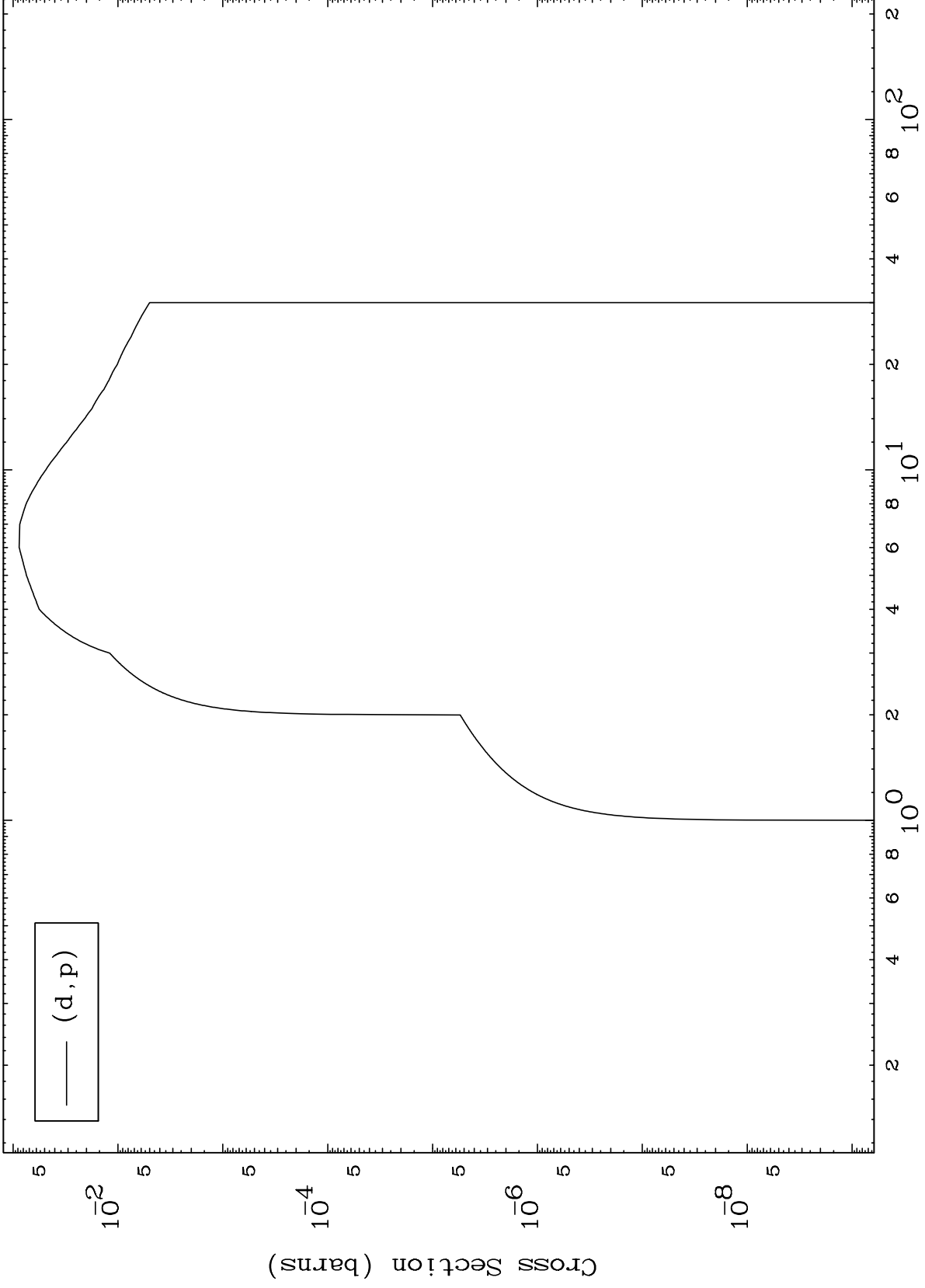
Incident Energy (MeV)

27-Co-61

MAT 2731

²⁷Co-61

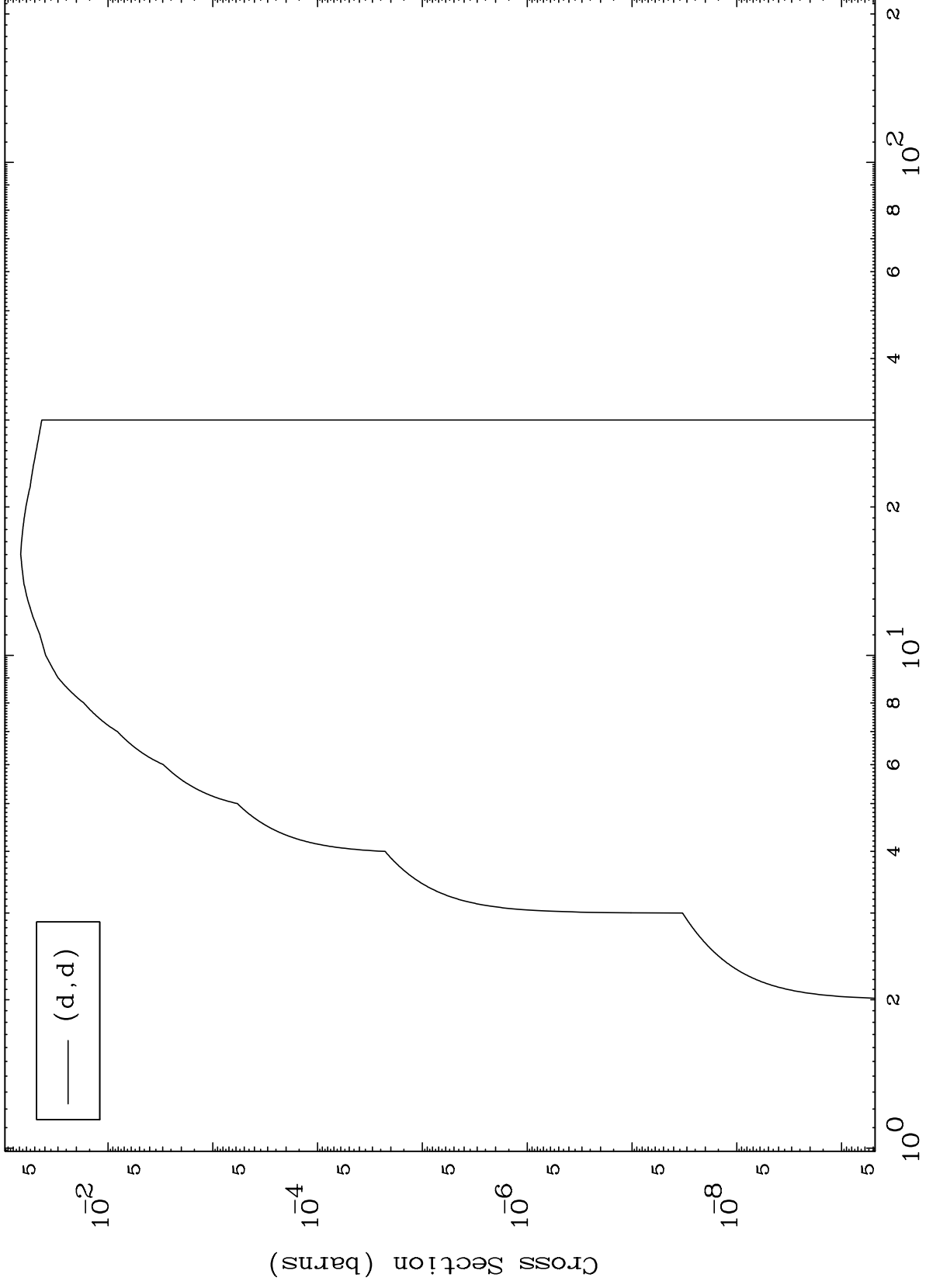
(d,p) Levels
0 Kelvin Cross Sections



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(d,d) Levels
0 Kelvin Cross Sections

27-Co-61



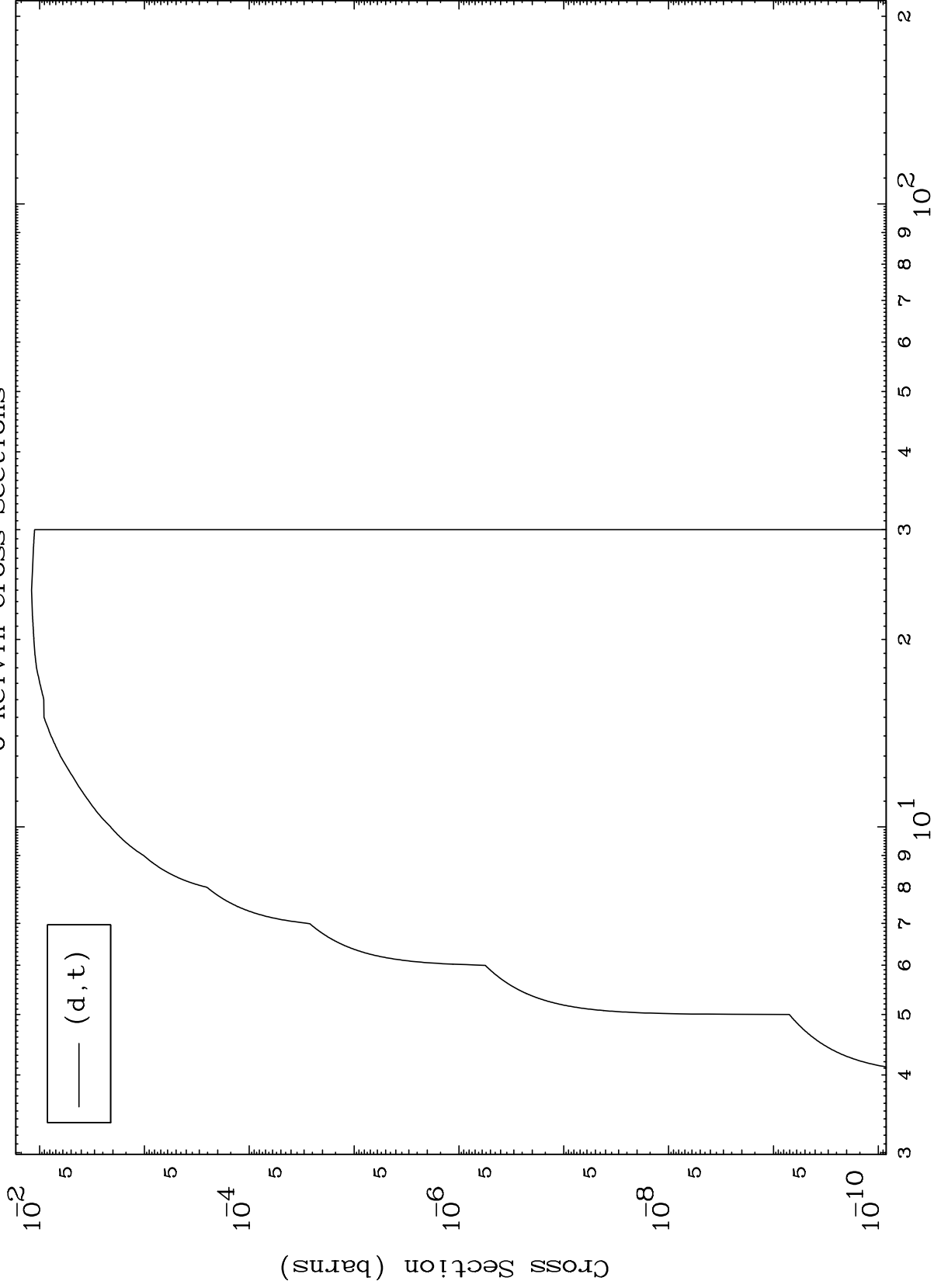
Incident Energy (MeV)

27-Co-61

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(d,t) Levels
0 Kelvin Cross Sections

²⁷Co-61



(d,t)

9

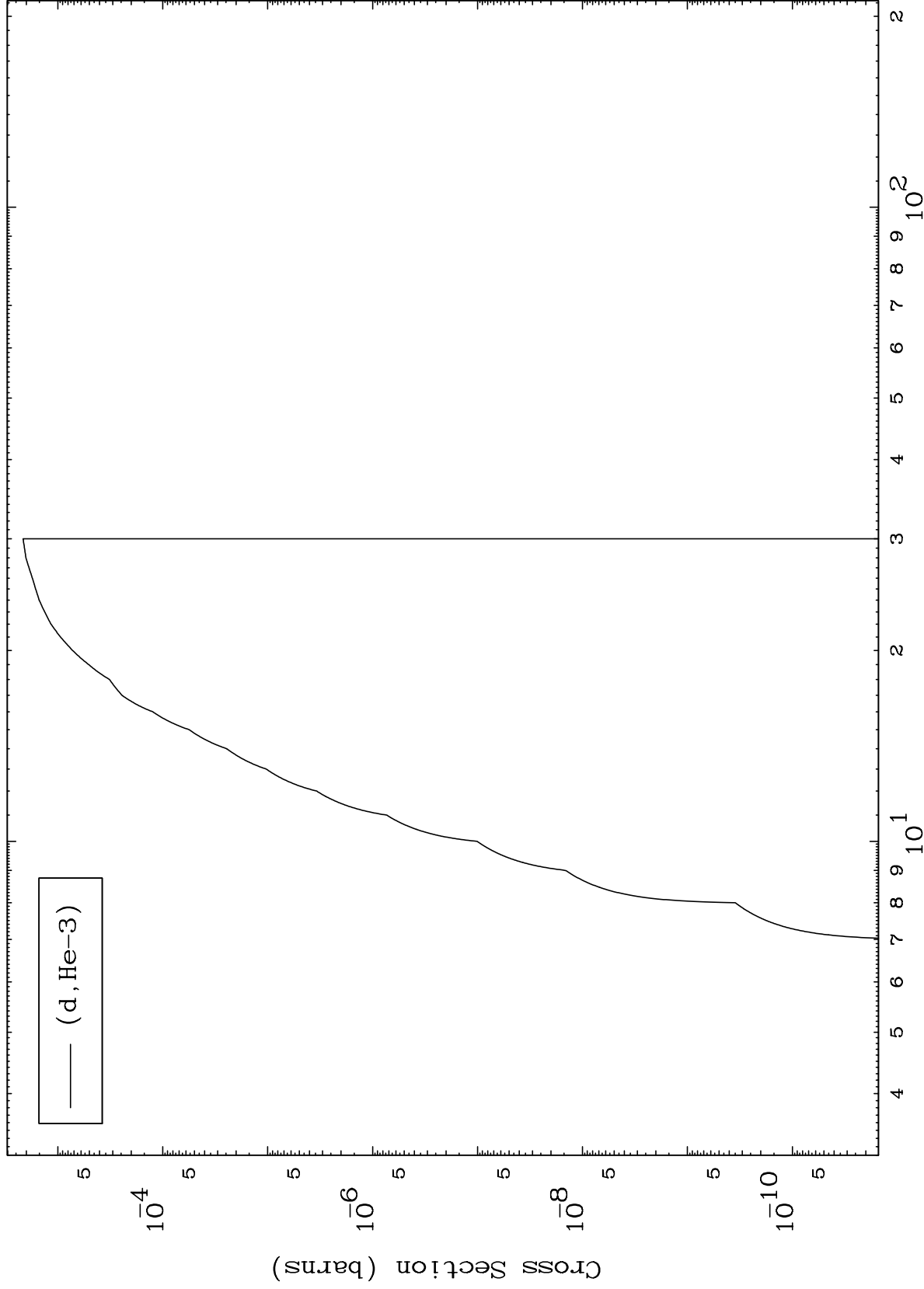
Incident Energy (MeV)

²⁷Co-61

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(d,He3) Levels
0 Kelvin Cross Sections

27-Co-61



10

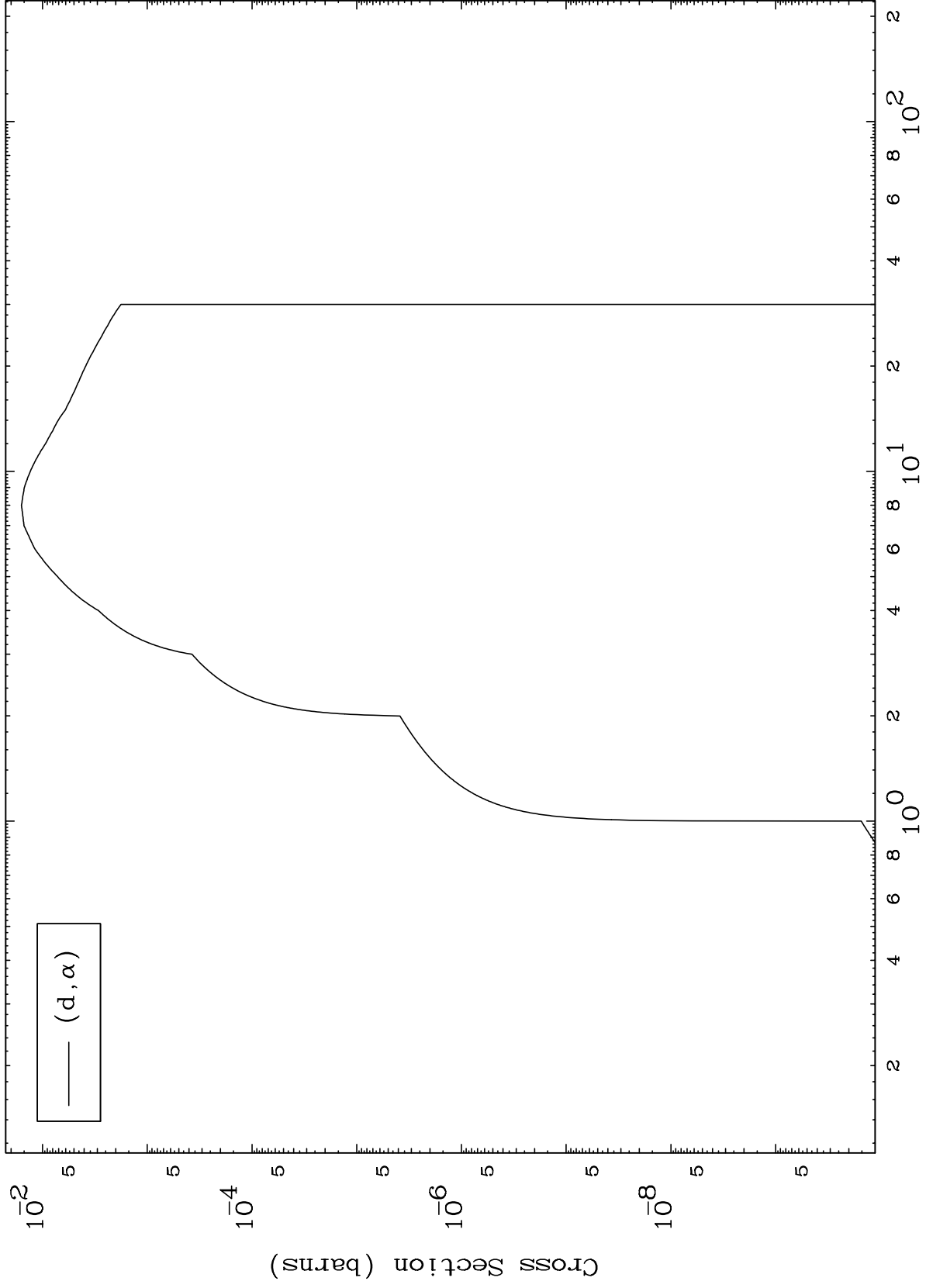
Incident Energy (MeV)

27-Co-61

MAT 2731

²⁷Co-61

(d,α) Levels
0 Kelvin Cross Sections



(d,α)

²⁷Co-61

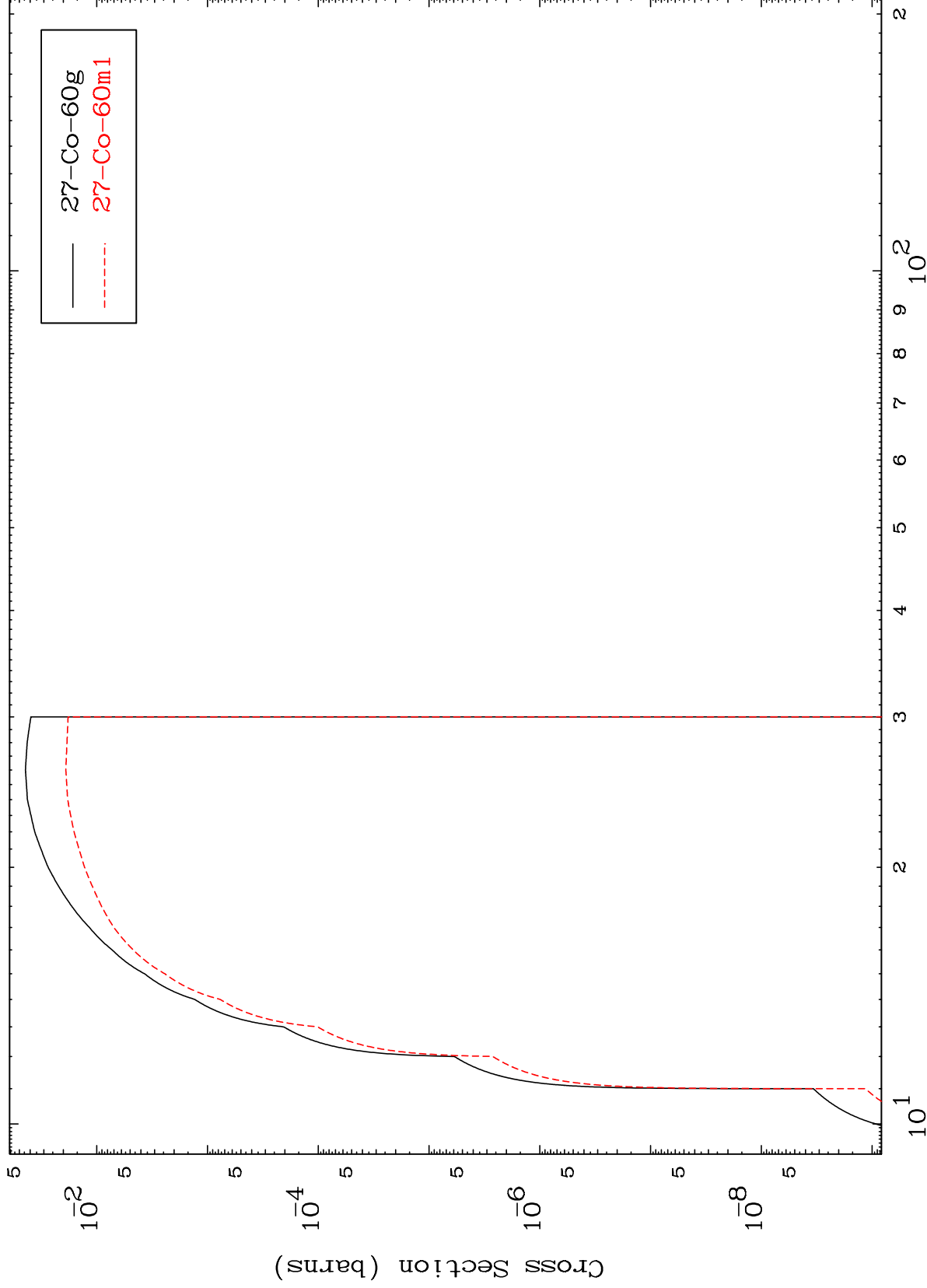
Incident Energy (MeV)

MAT 2731

²⁷Co-61

(d,n') d

Radionuclide Production Cross Section



²⁷Co-61

Incident Energy (MeV)

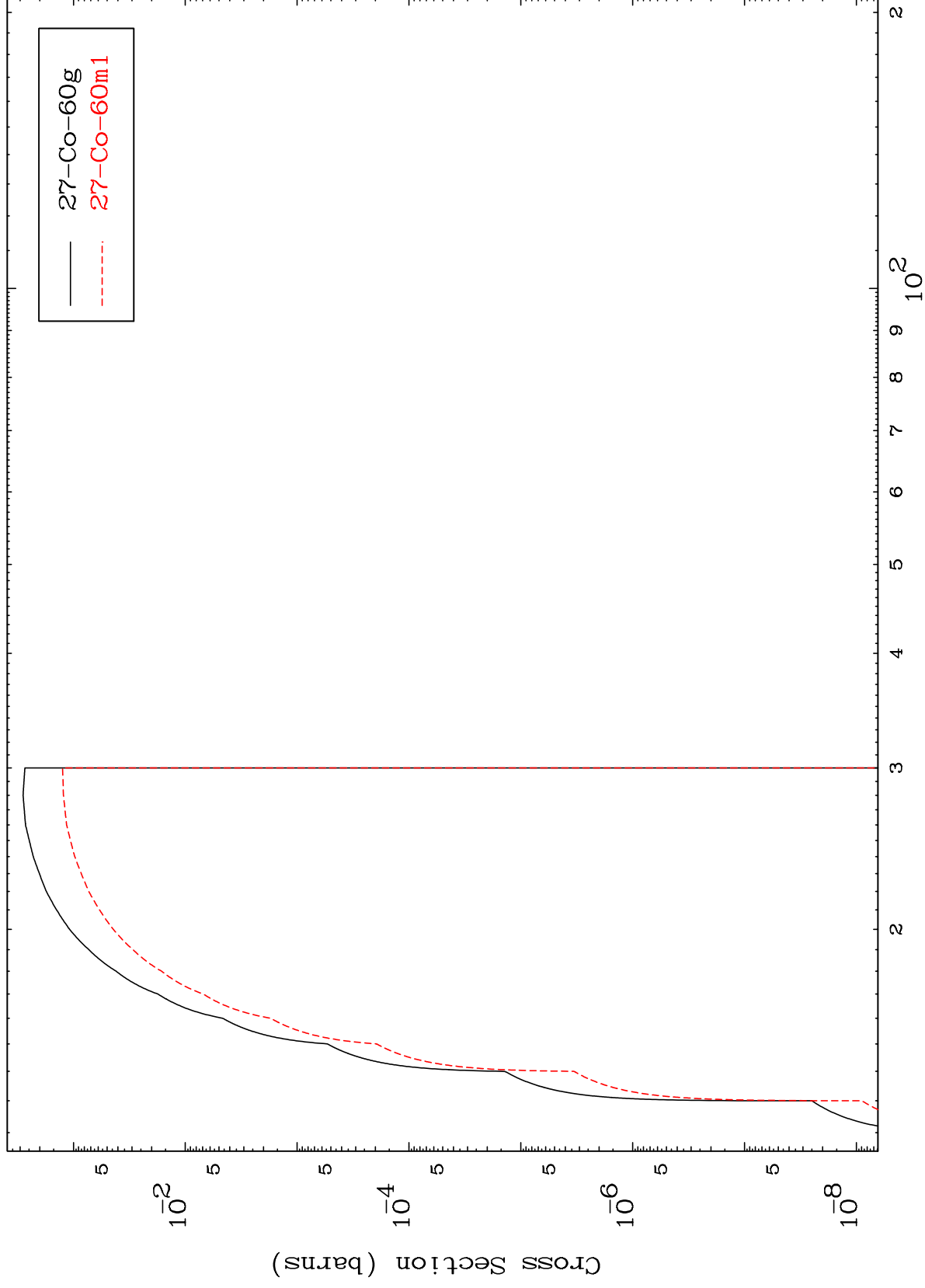
12

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(d,2n) p

²⁷Co-61

Radionuclide Production Cross Section



13

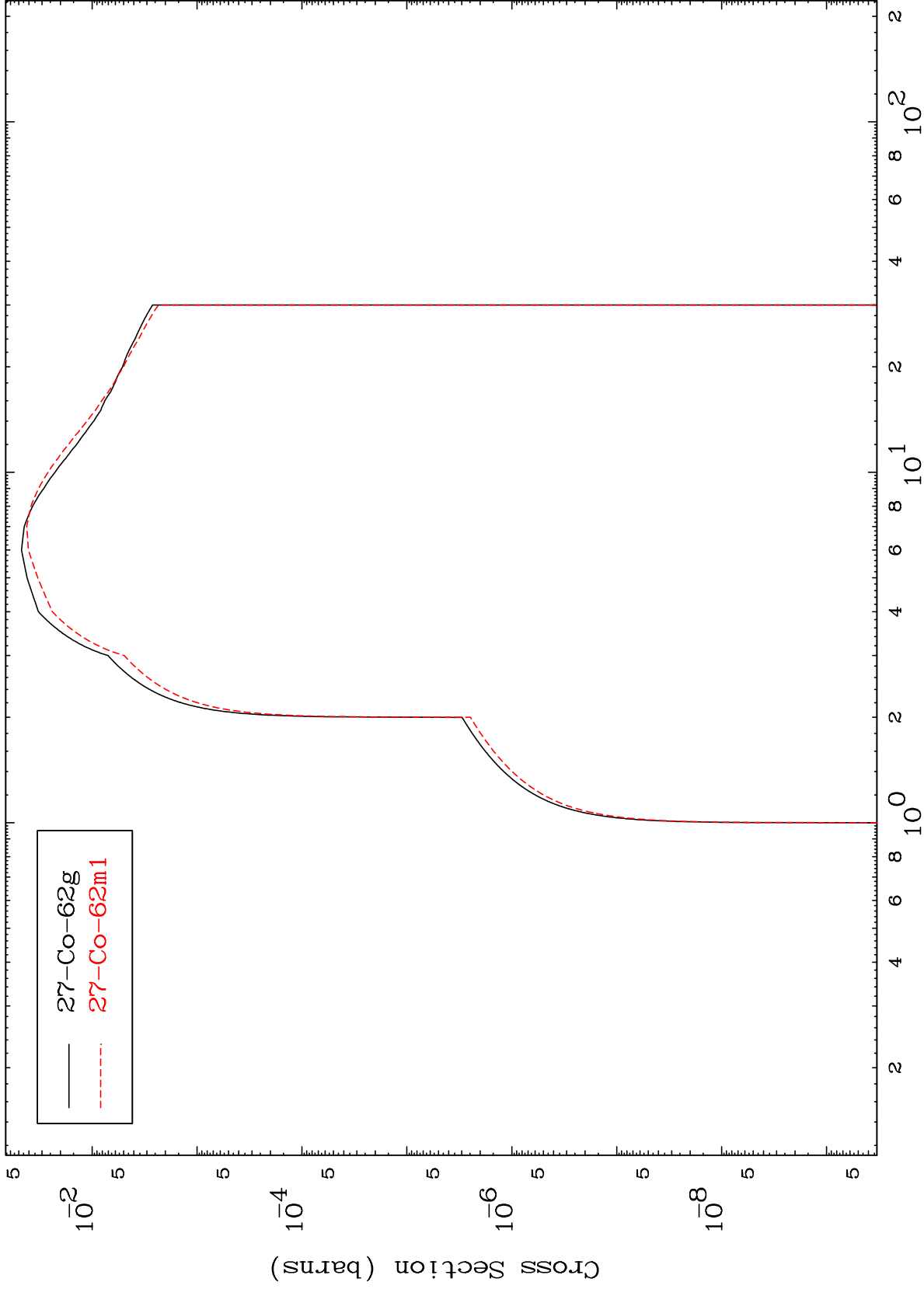
Incident Energy (MeV)

²⁷Co-61

MAT 2731

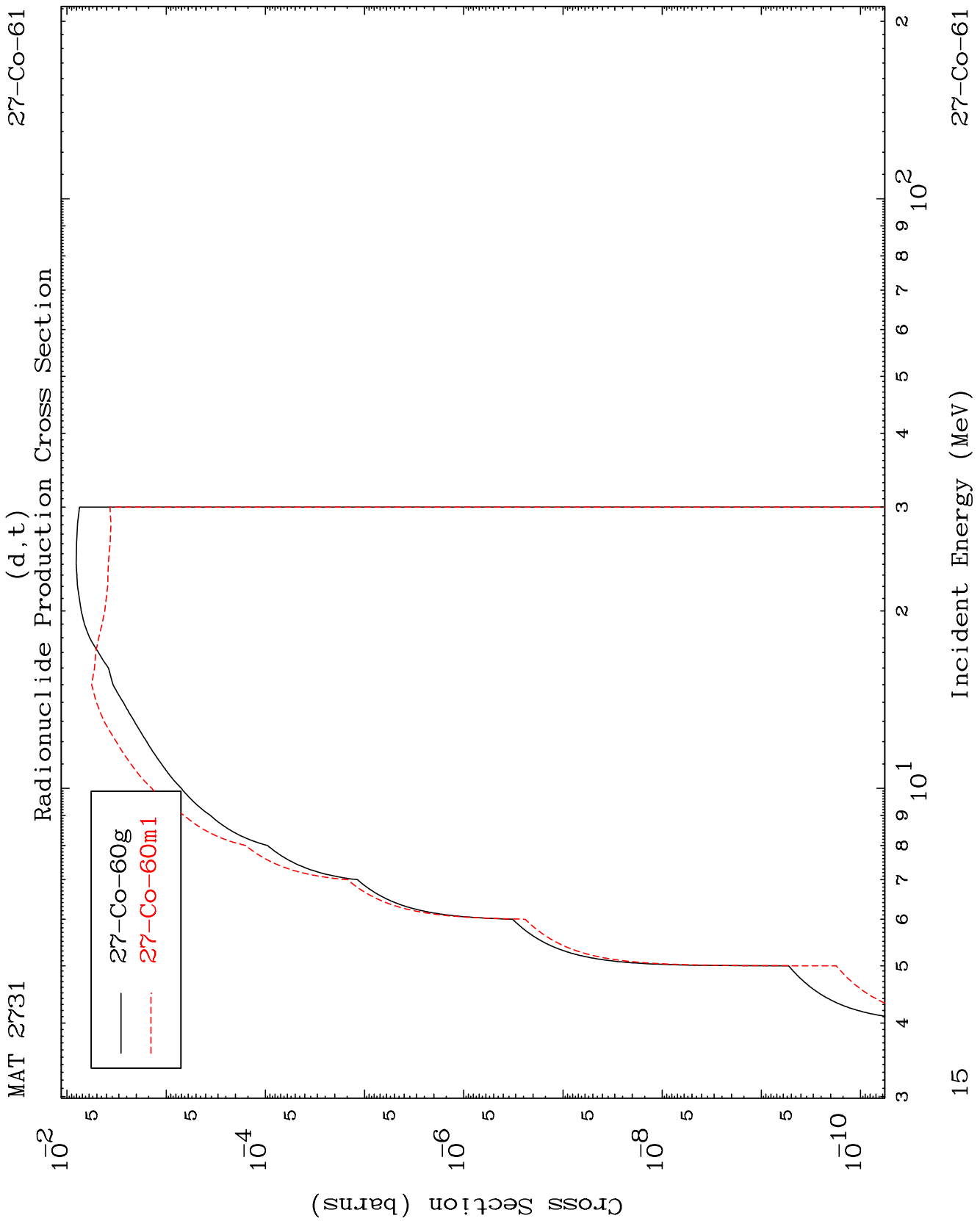
²⁷Co-61

(d,p)
Radionuclide Production Cross Section



14

²⁷Co-61

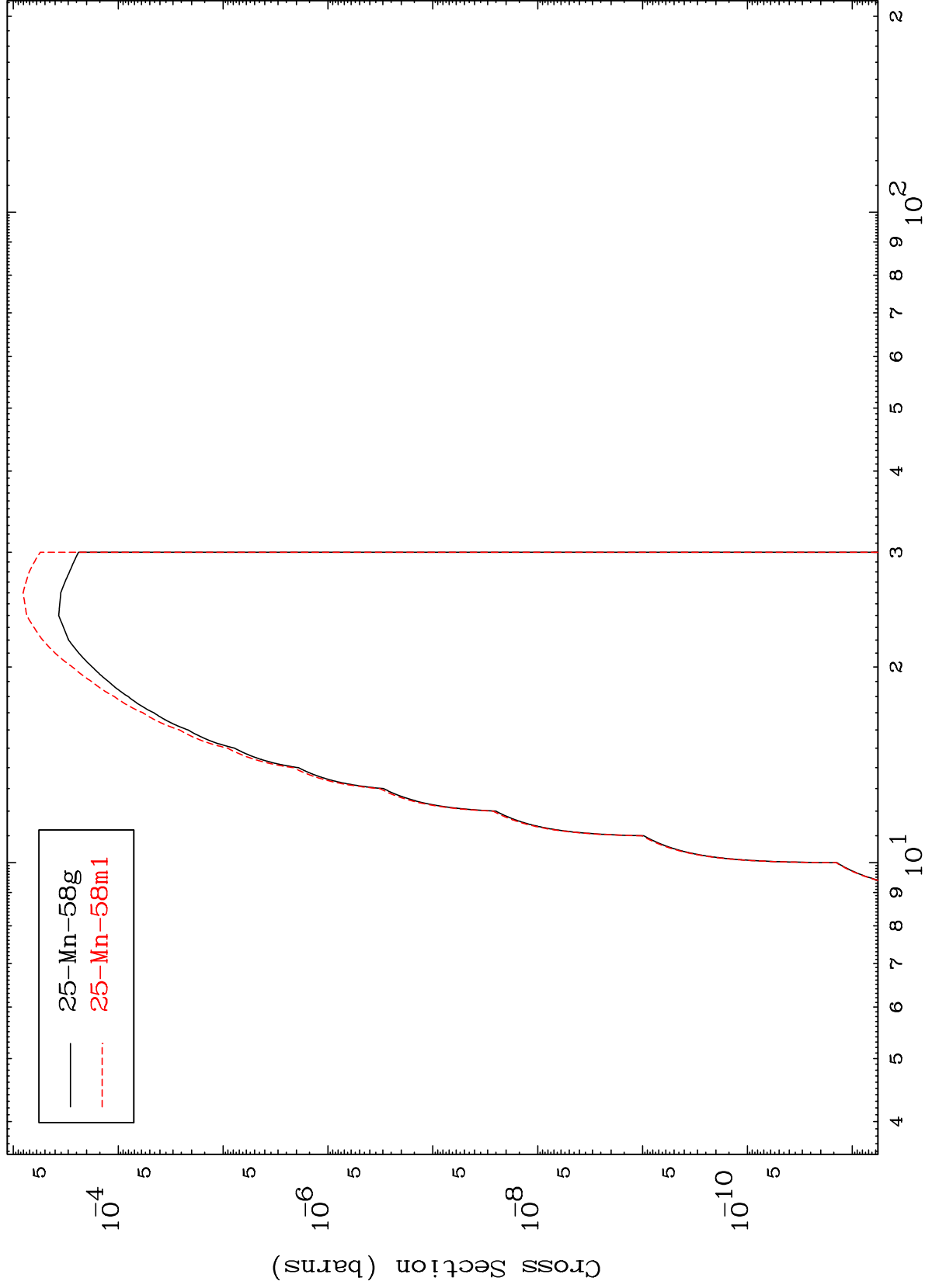


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(d,p) α

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

Radionuclide Production Cross Section



— $^{25}\text{Mn-58g}$
- - - $^{25}\text{Mn-58m1}$

16

Incident Energy (MeV)

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