

Program EVALPLOT
(Version 2021-1)

by

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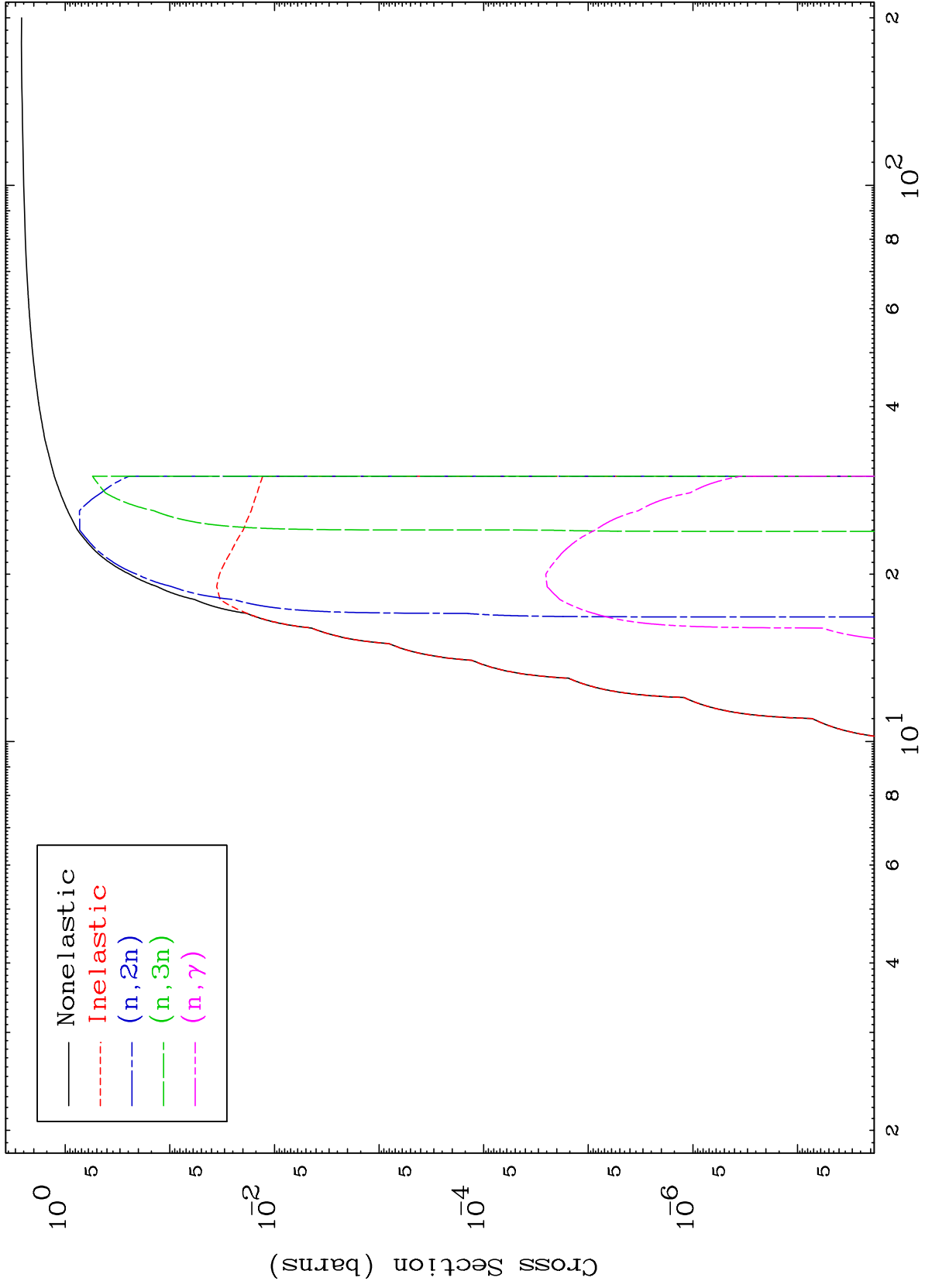
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7129

0 Kelvin α Major Cross Sections

⁷¹Lu-176m



1

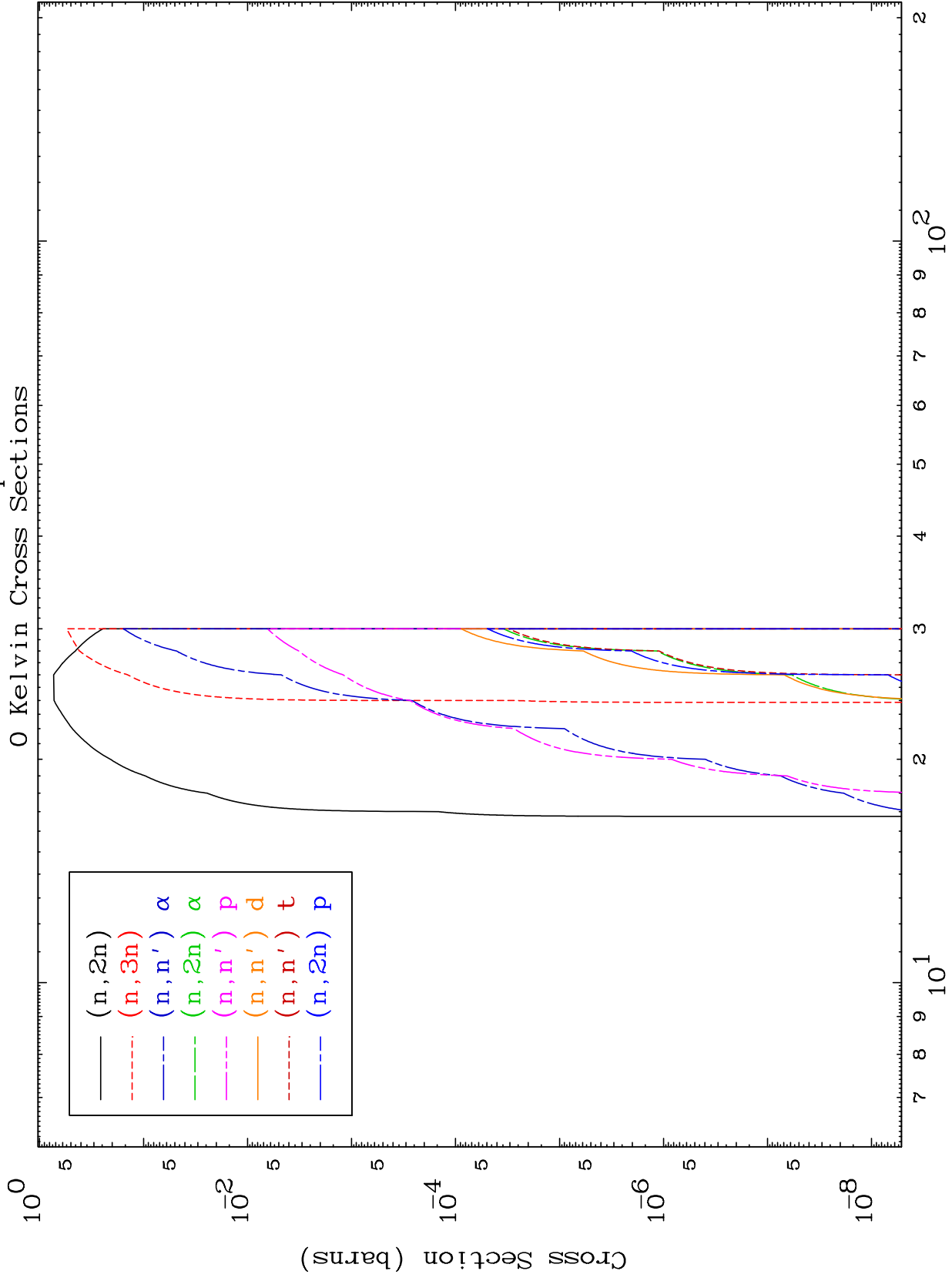
Incident Energy (MeV)

⁷¹Lu-176m

MAT 7129

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-176m



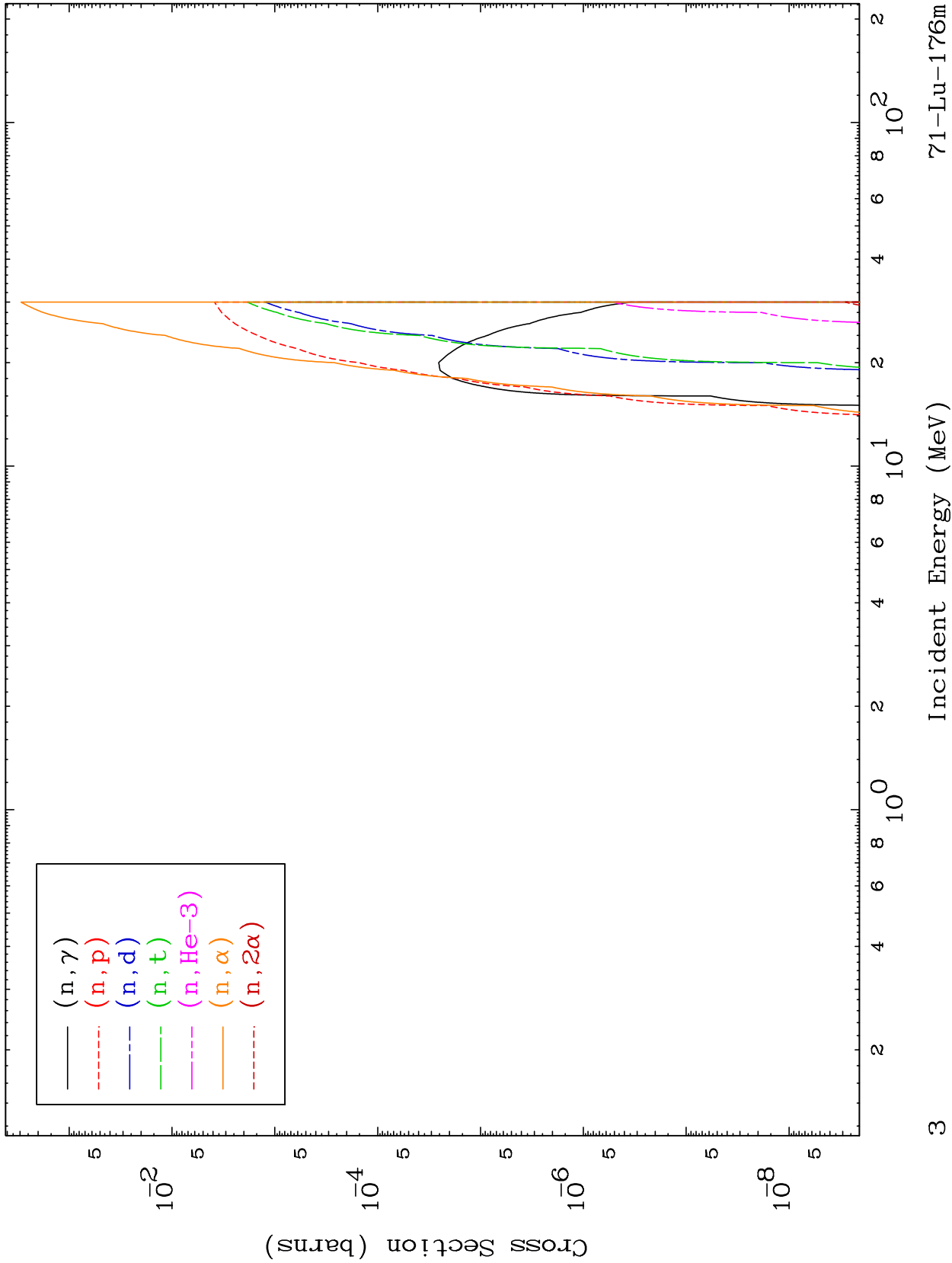
Incident Energy (MeV)

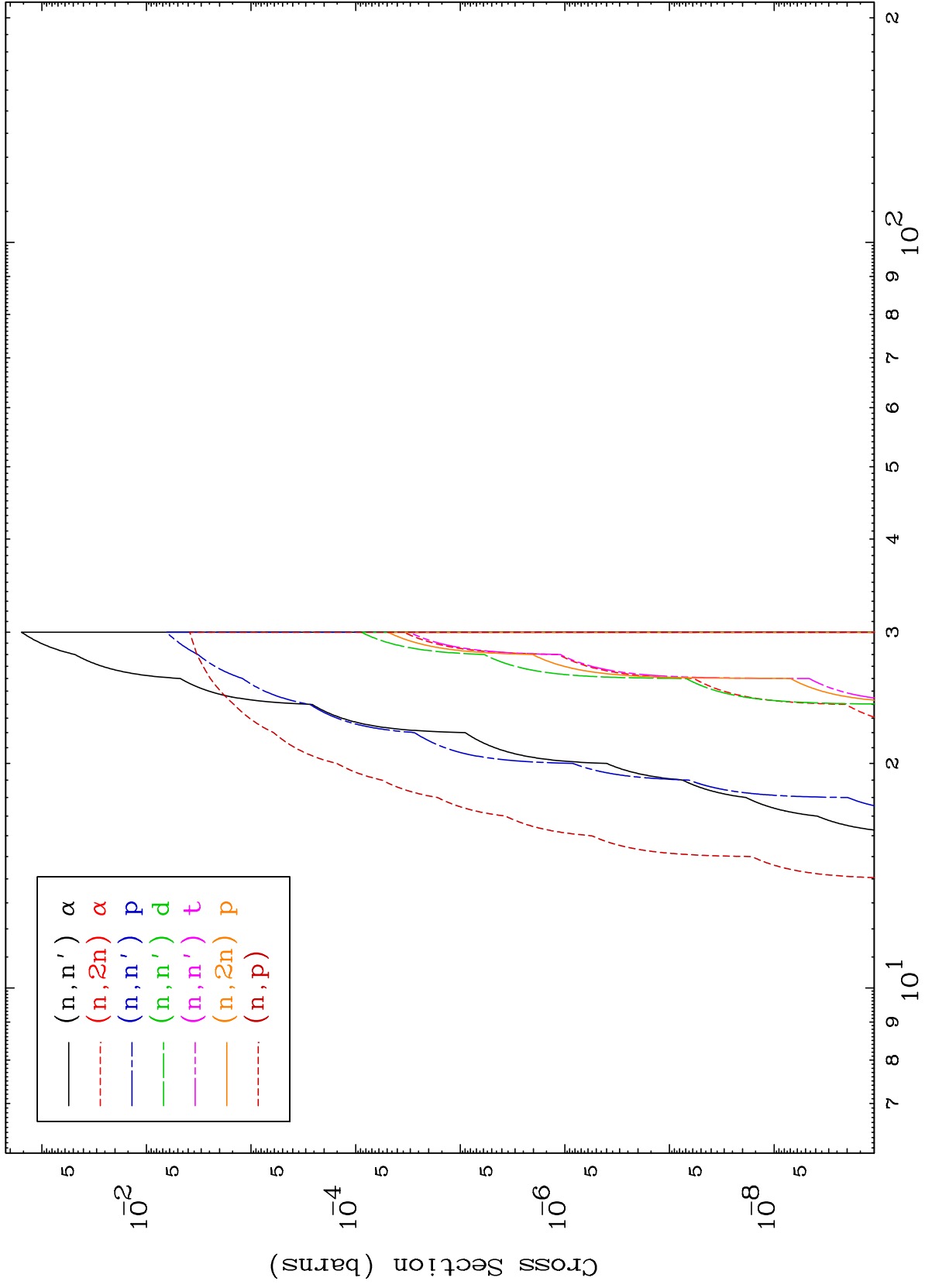
71-Lu-176m

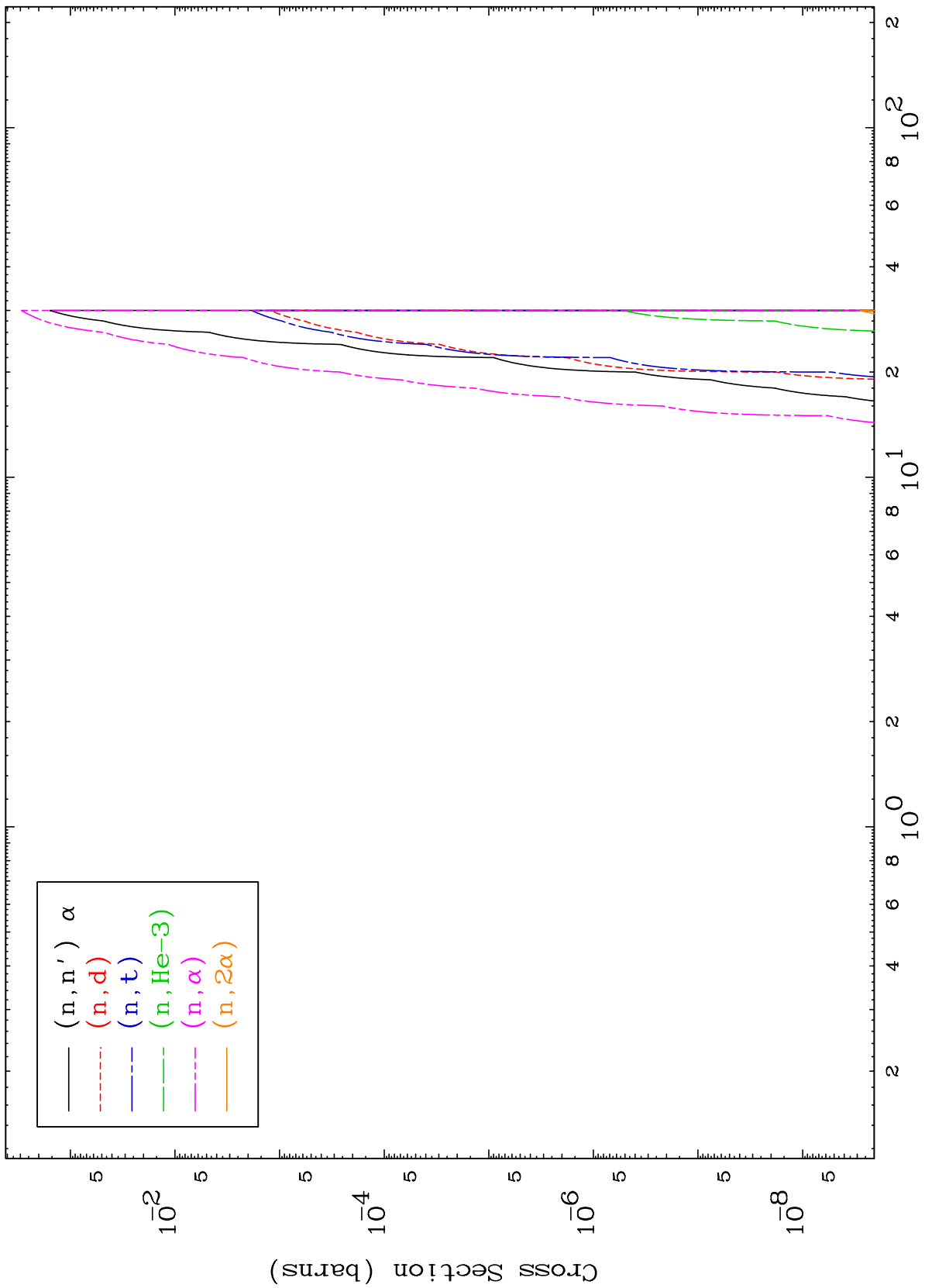
MAT 7129

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-176m



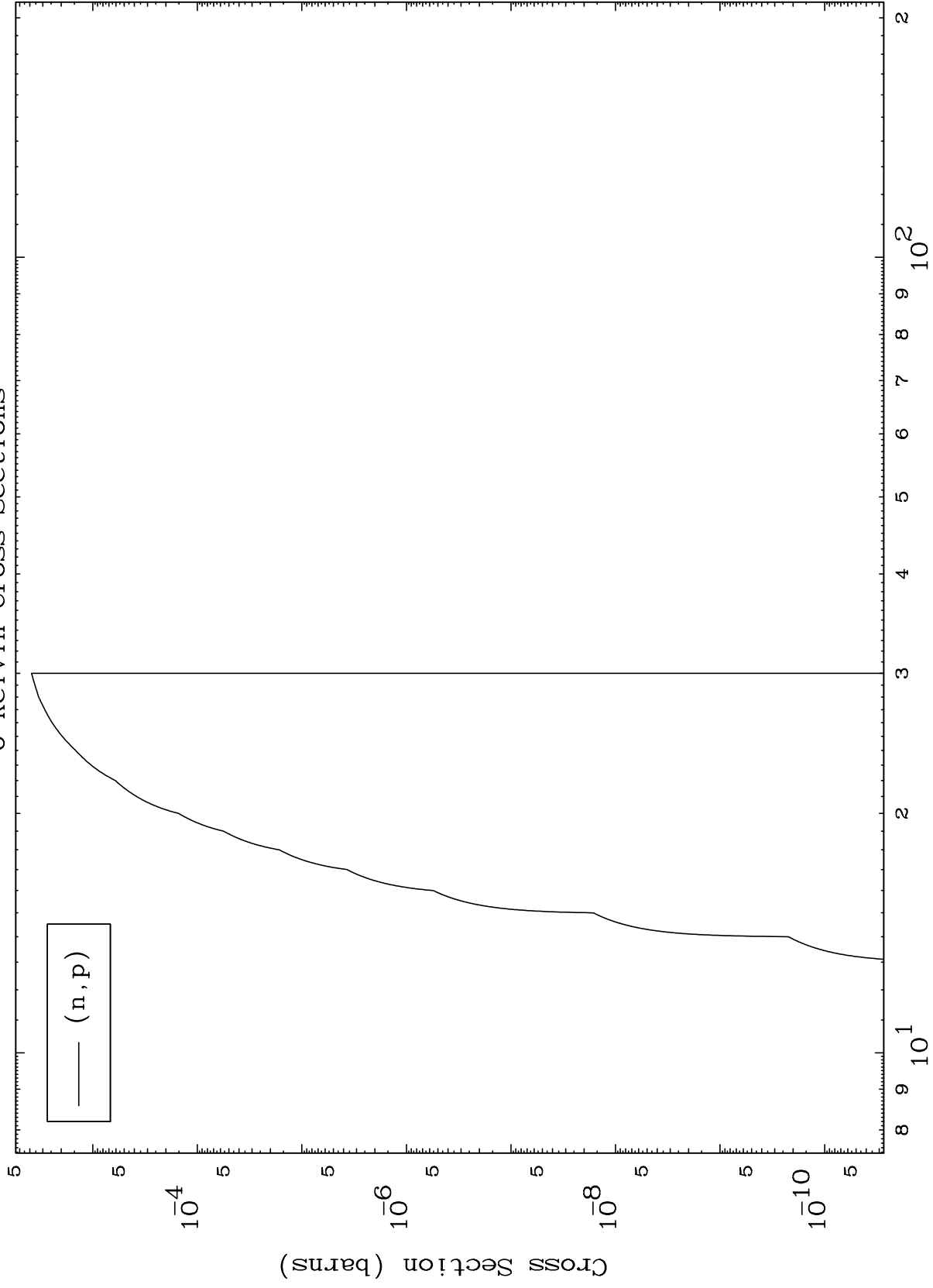




MAT 7129

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-176m



6

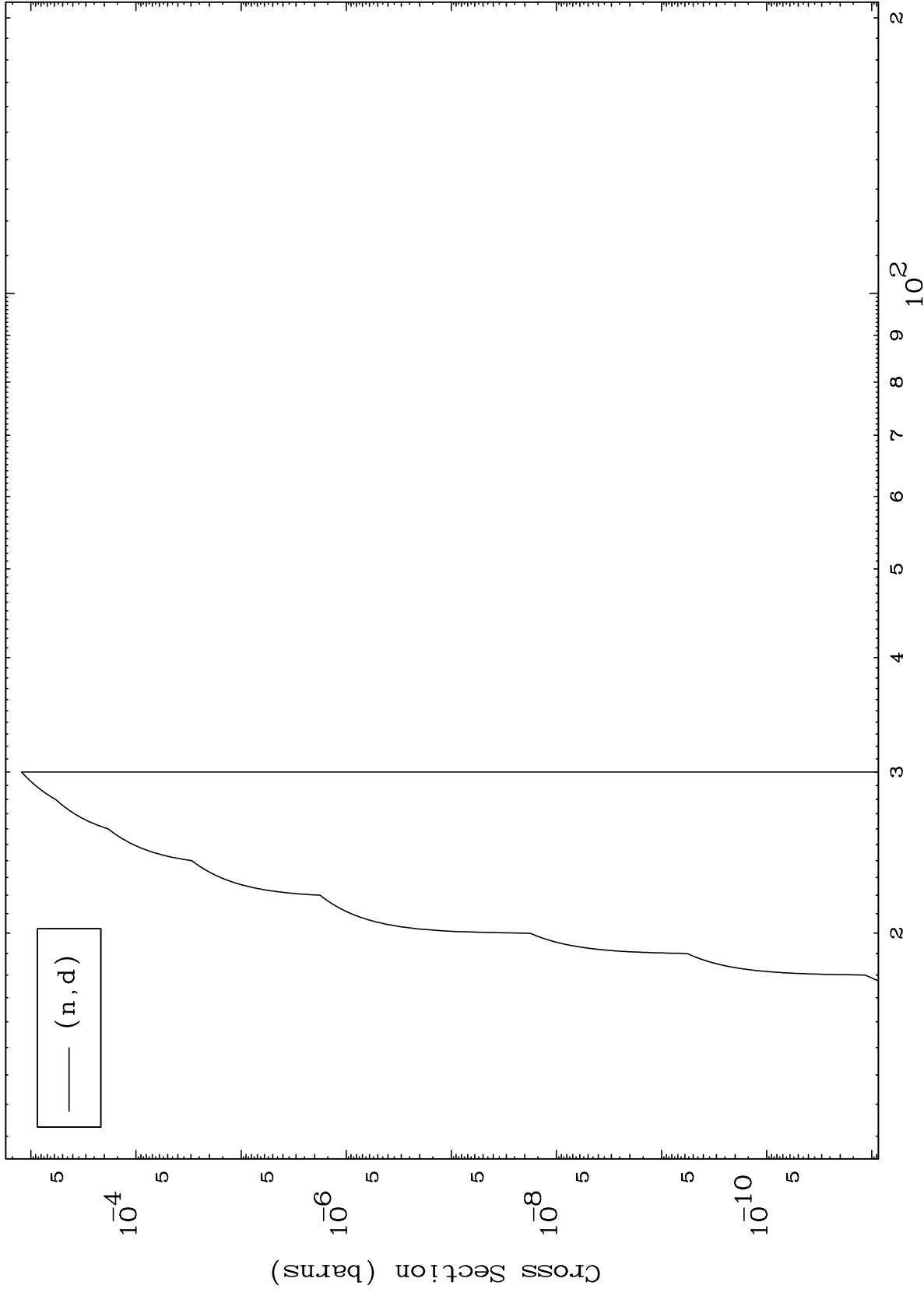
Incident Energy (MeV)

71-Lu-176m

MAT 7129

(α, d) Levels
0 Kelvin Cross Sections

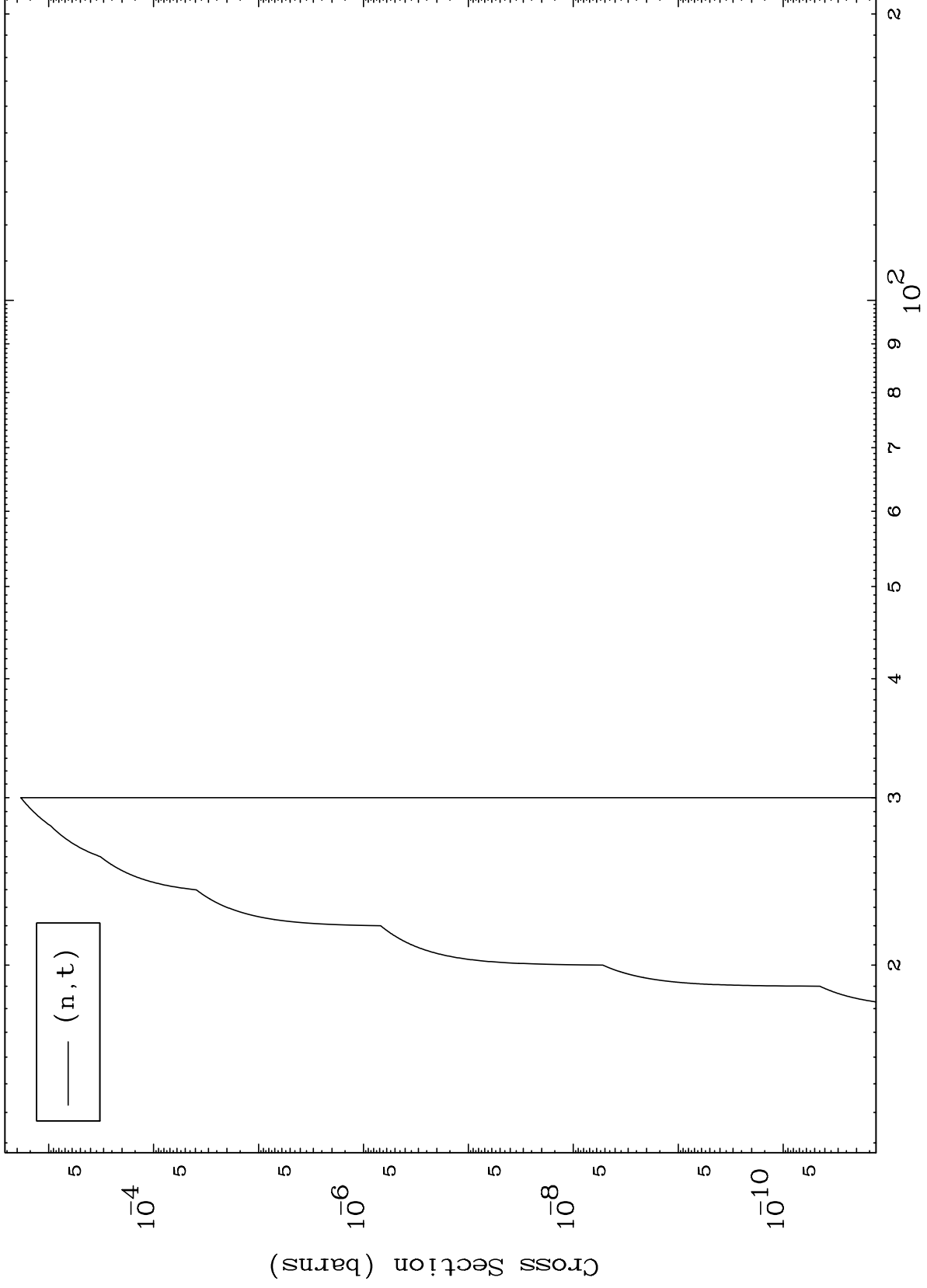
$^{71}\text{Lu}-176\text{m}$

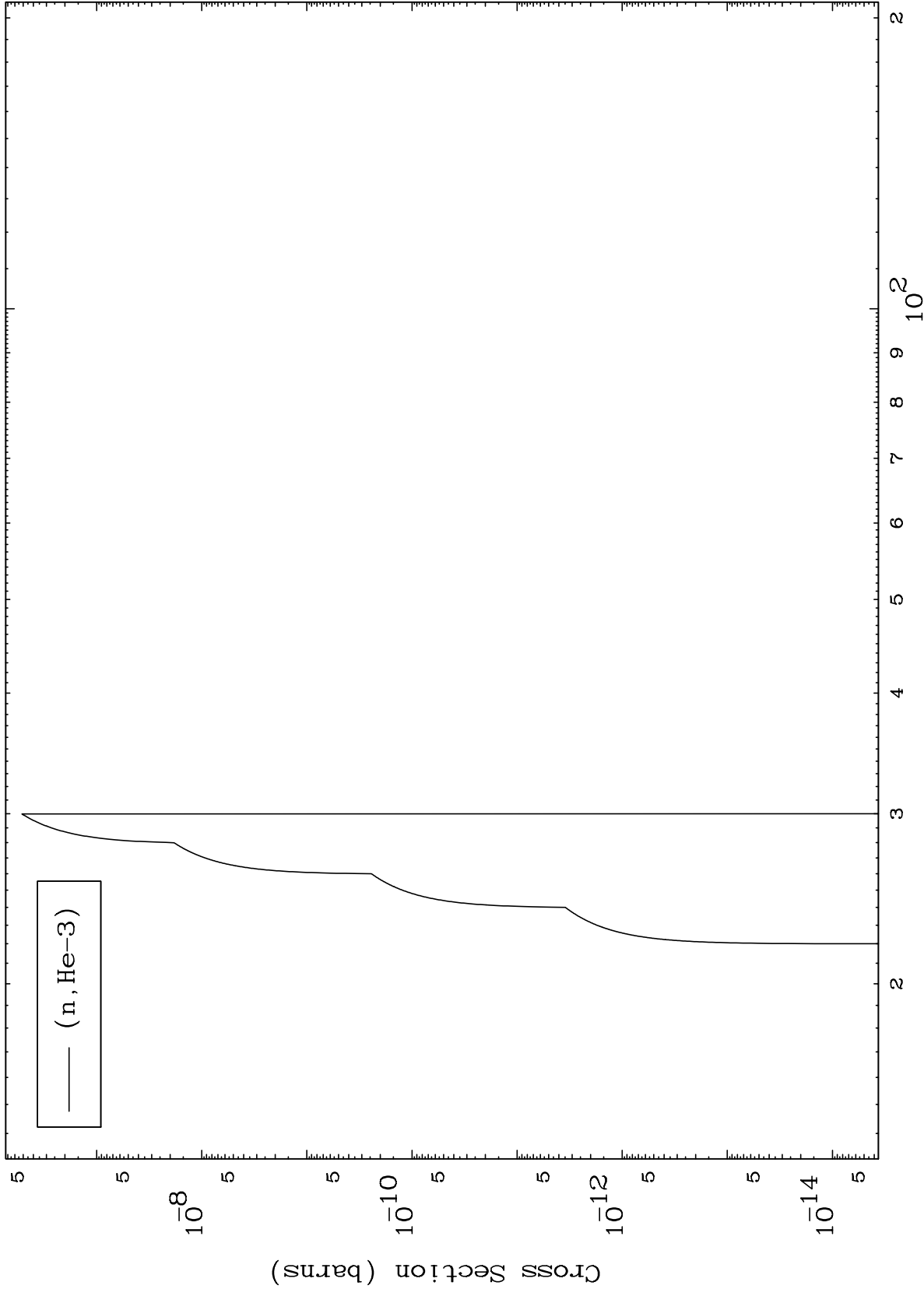


7

Incident Energy (MeV)

$^{71}\text{Lu}-176\text{m}$



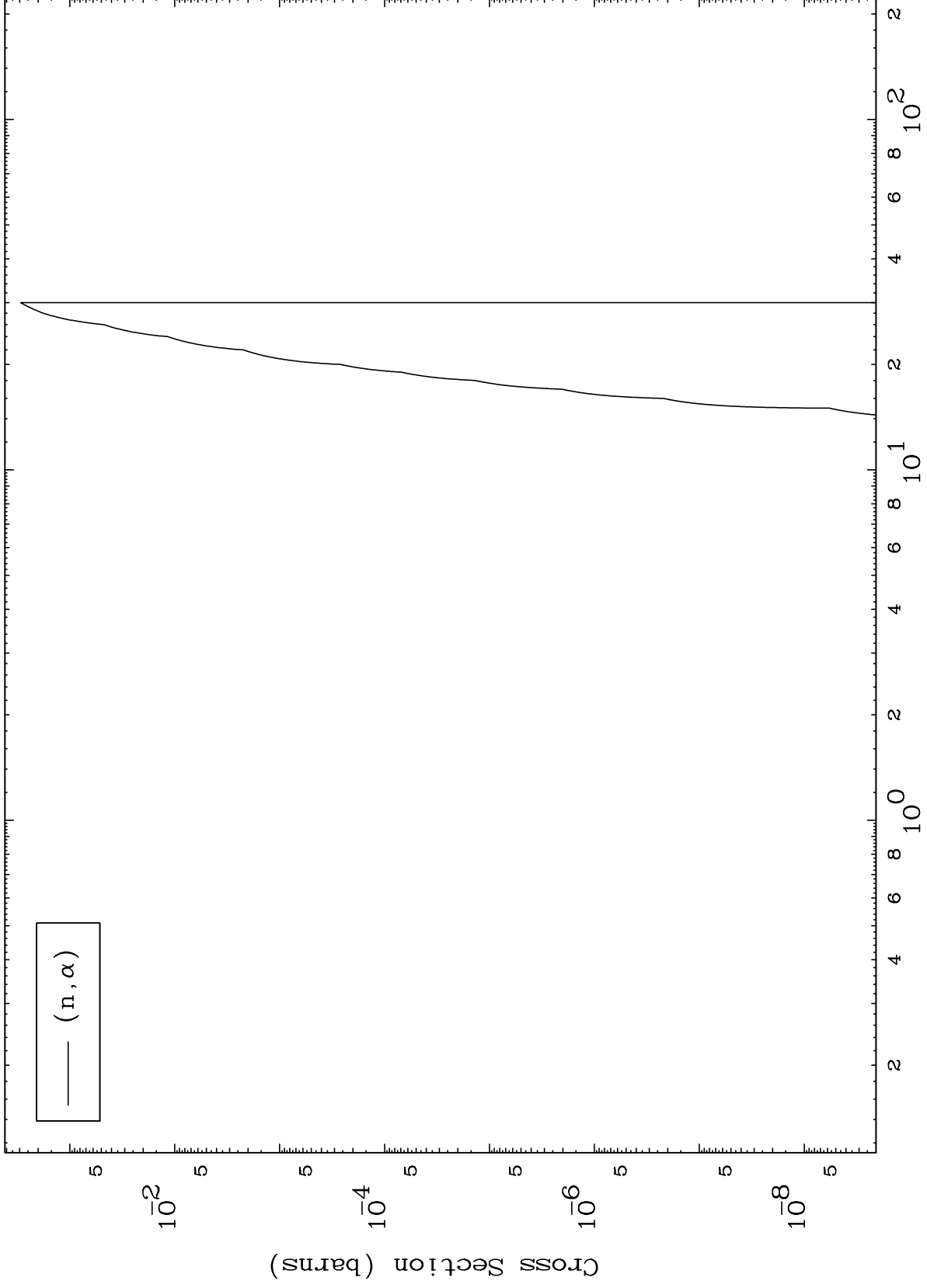


MAT 7129

(α, α) Levels

$^{71}\text{Lu}-176\text{m}$

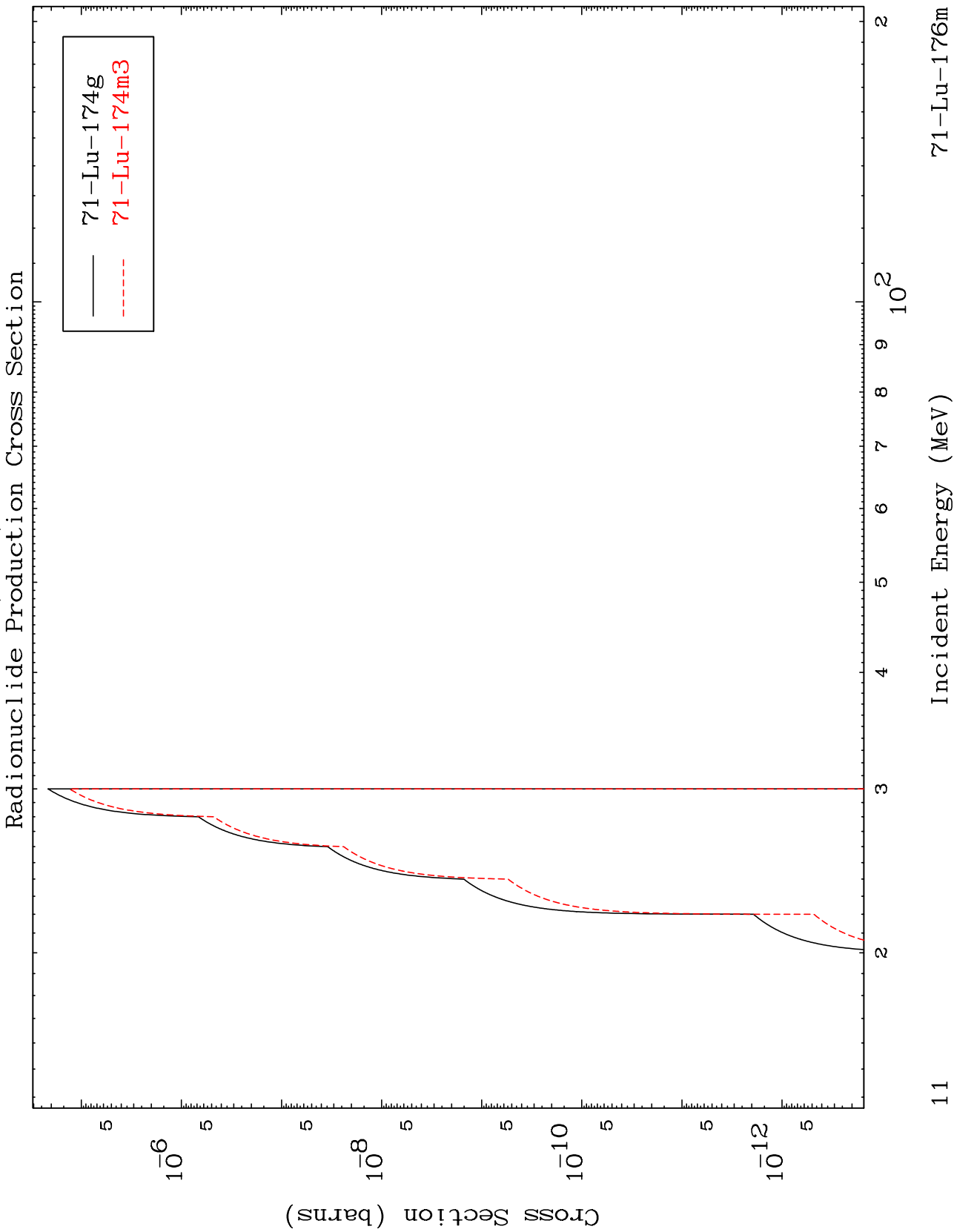
0 Kelvin Cross Sections



10

Incident Energy (MeV)

$^{71}\text{Lu}-176\text{m}$

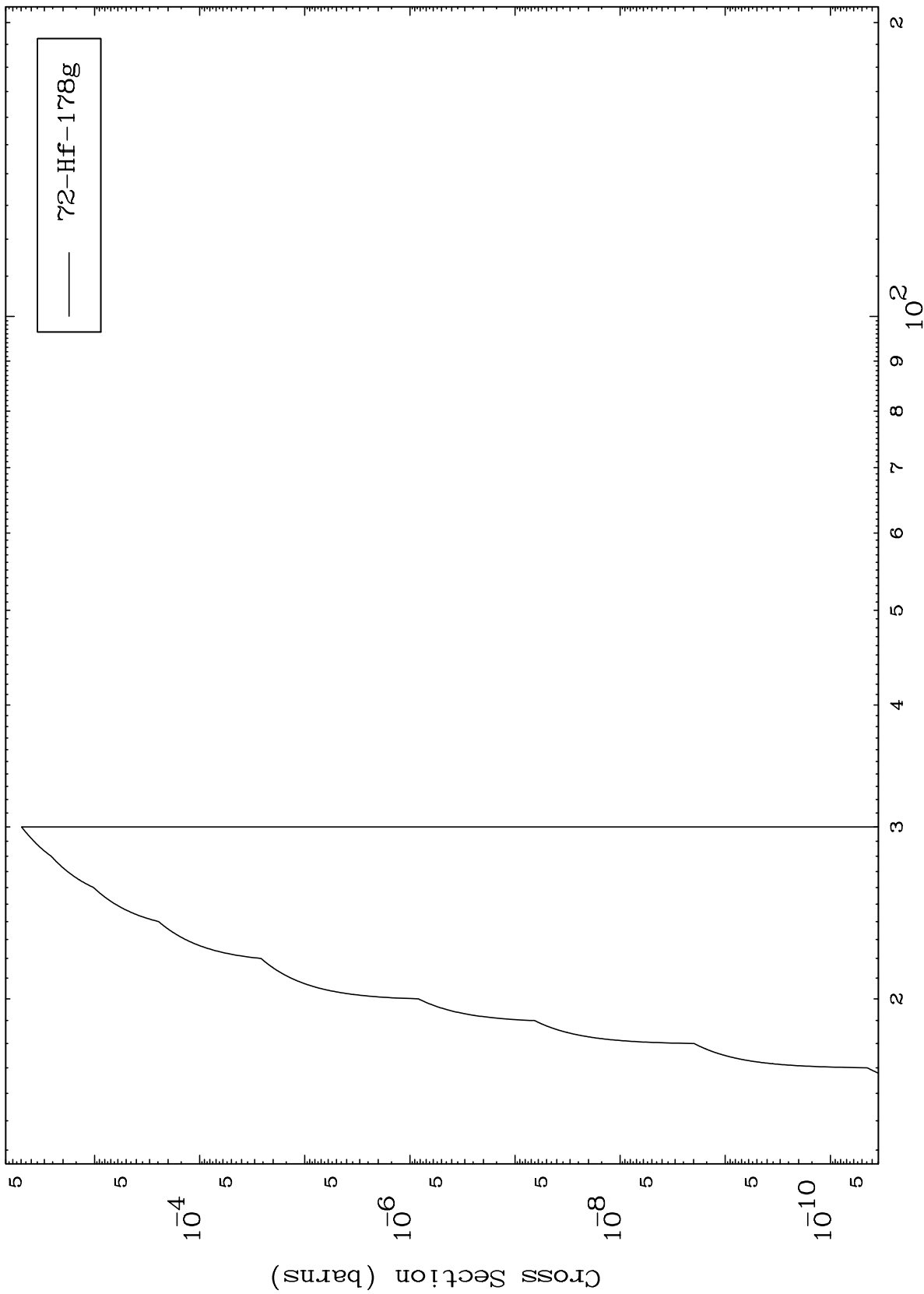


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(n,n') p

71-Lu-176m

Radionuclide Production Cross Section



12

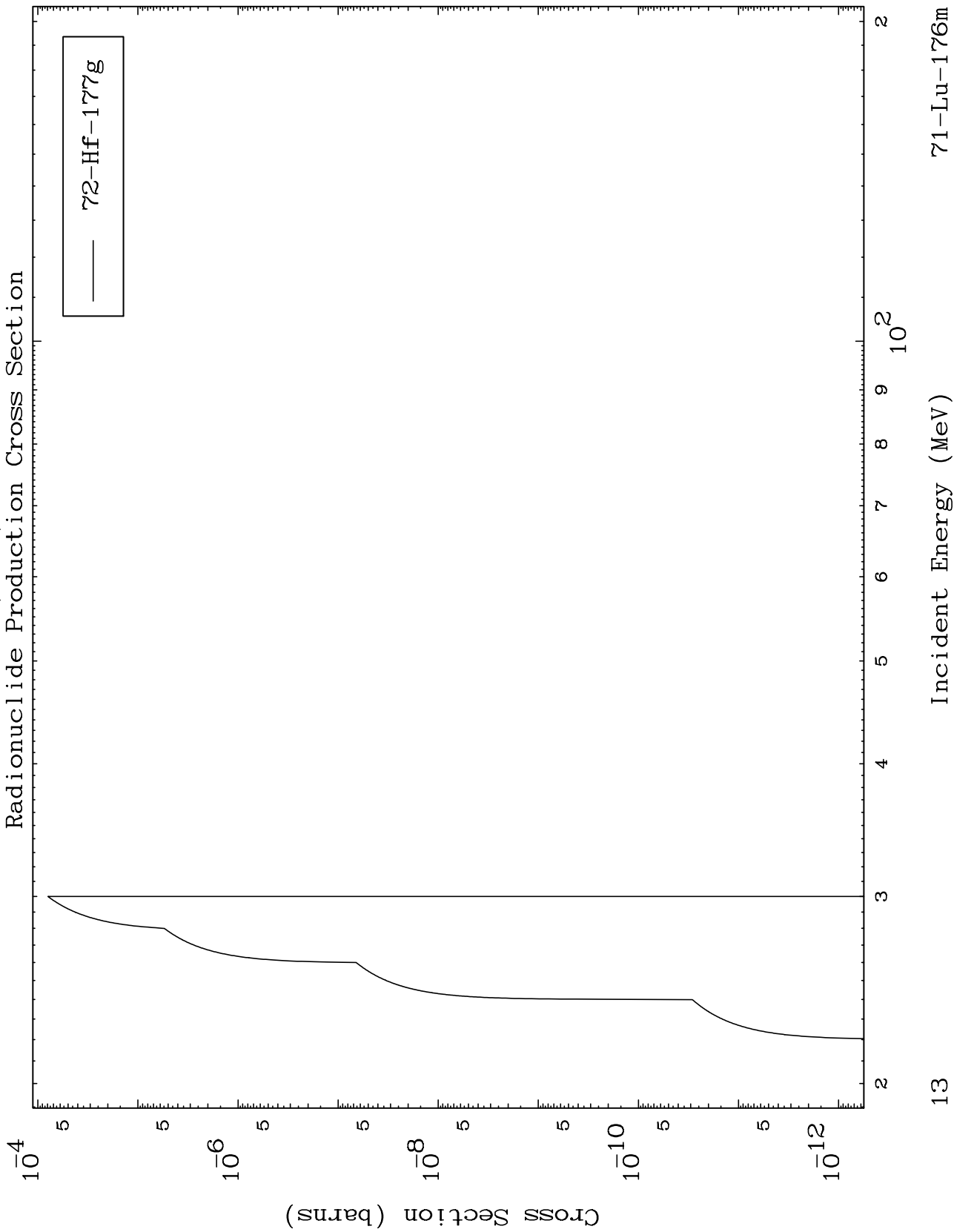
Incident Energy (MeV)

71-Lu-176m

MAT 7129

(n,n') d

71-Lu-176m



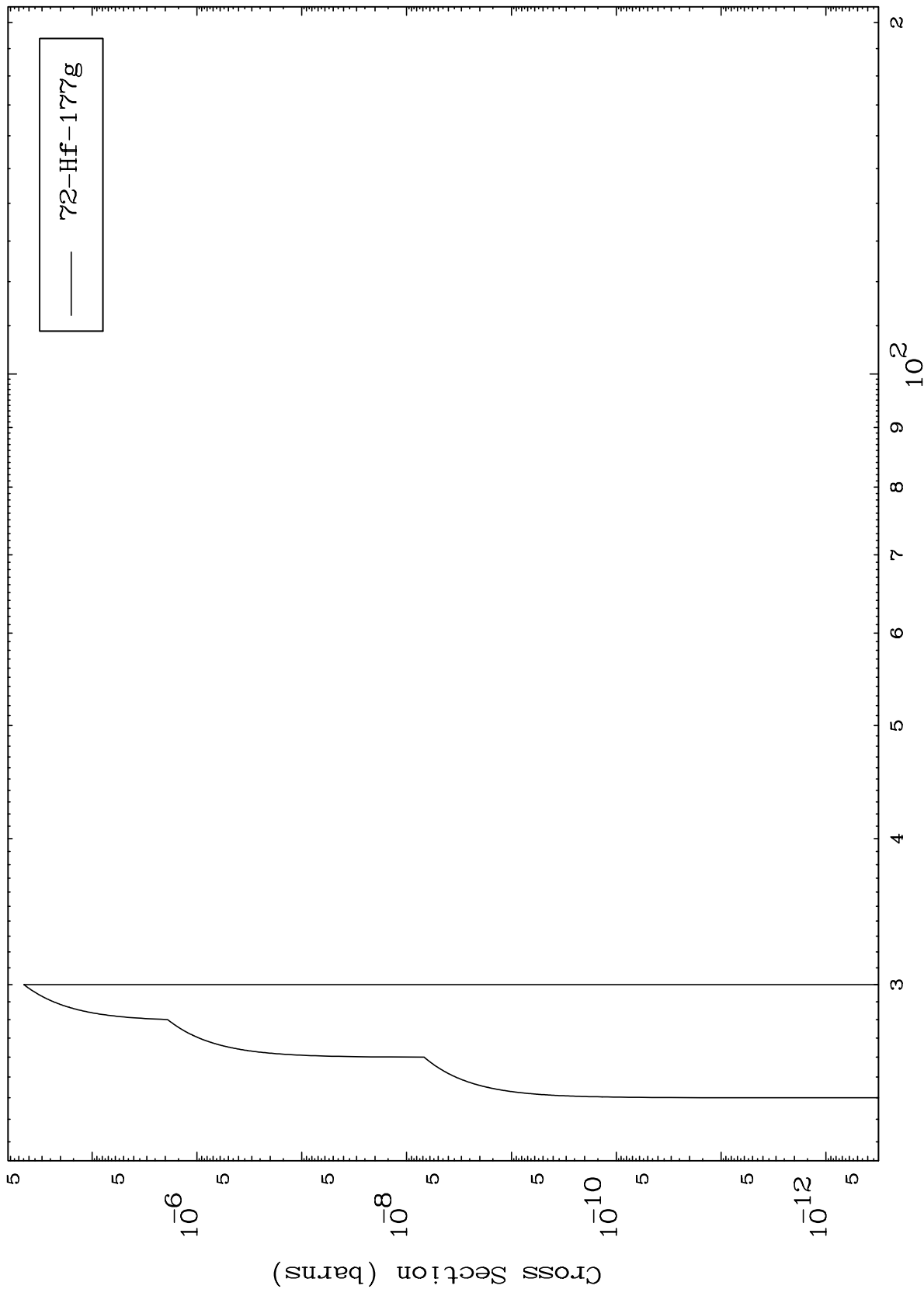
13

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(n,2n) p

71-Lu-176m

Radionuclide Production Cross Section



14

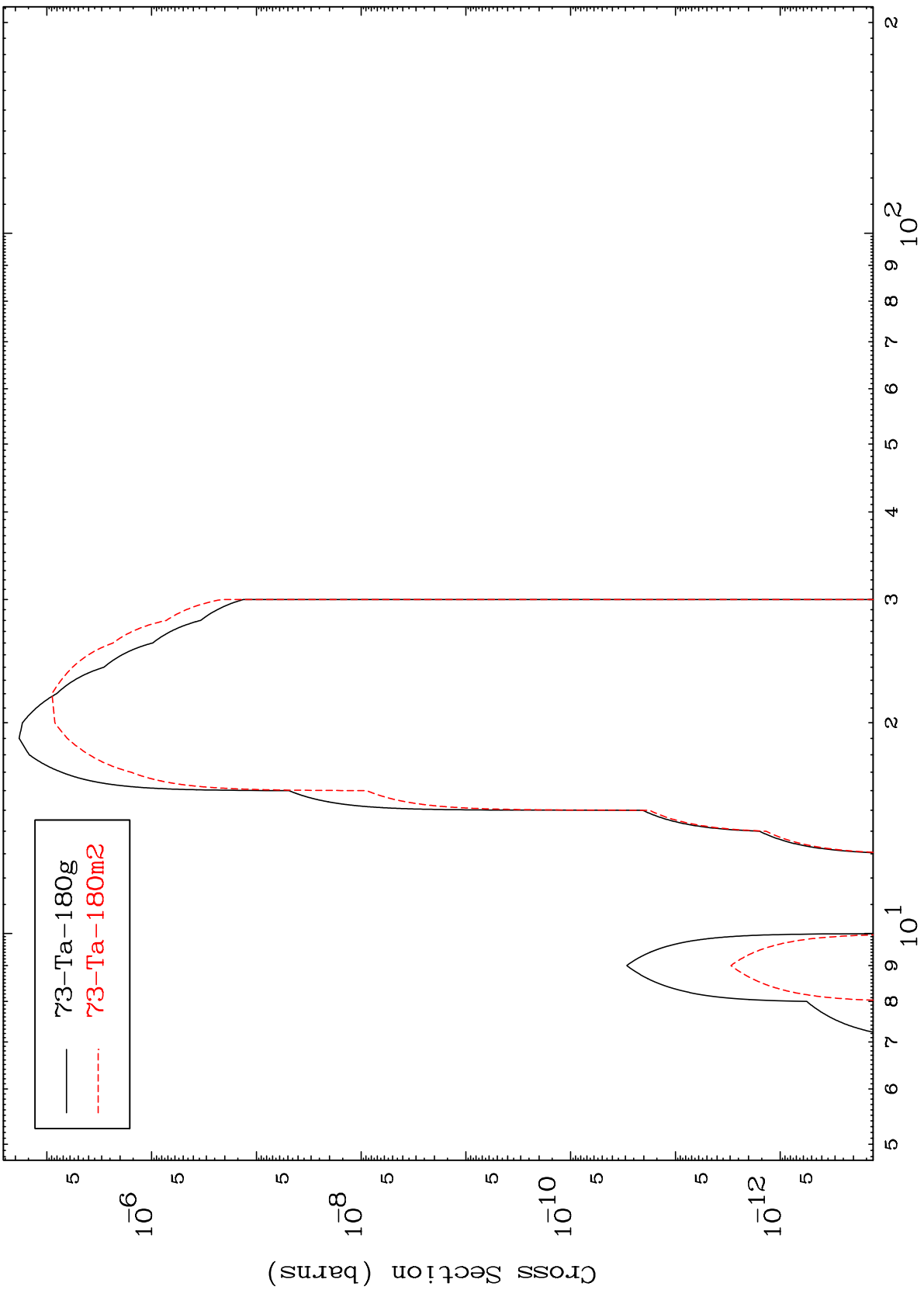
Incident Energy (MeV)

71-Lu-176m

MAT 7129

⁷¹Lu-176m

Radionuclide Production Cross Section (n,γ)



Legend:
— $^{73}\text{Ta-180g}$
- - - $^{73}\text{Ta-180m2}$

⁷¹Lu-176m

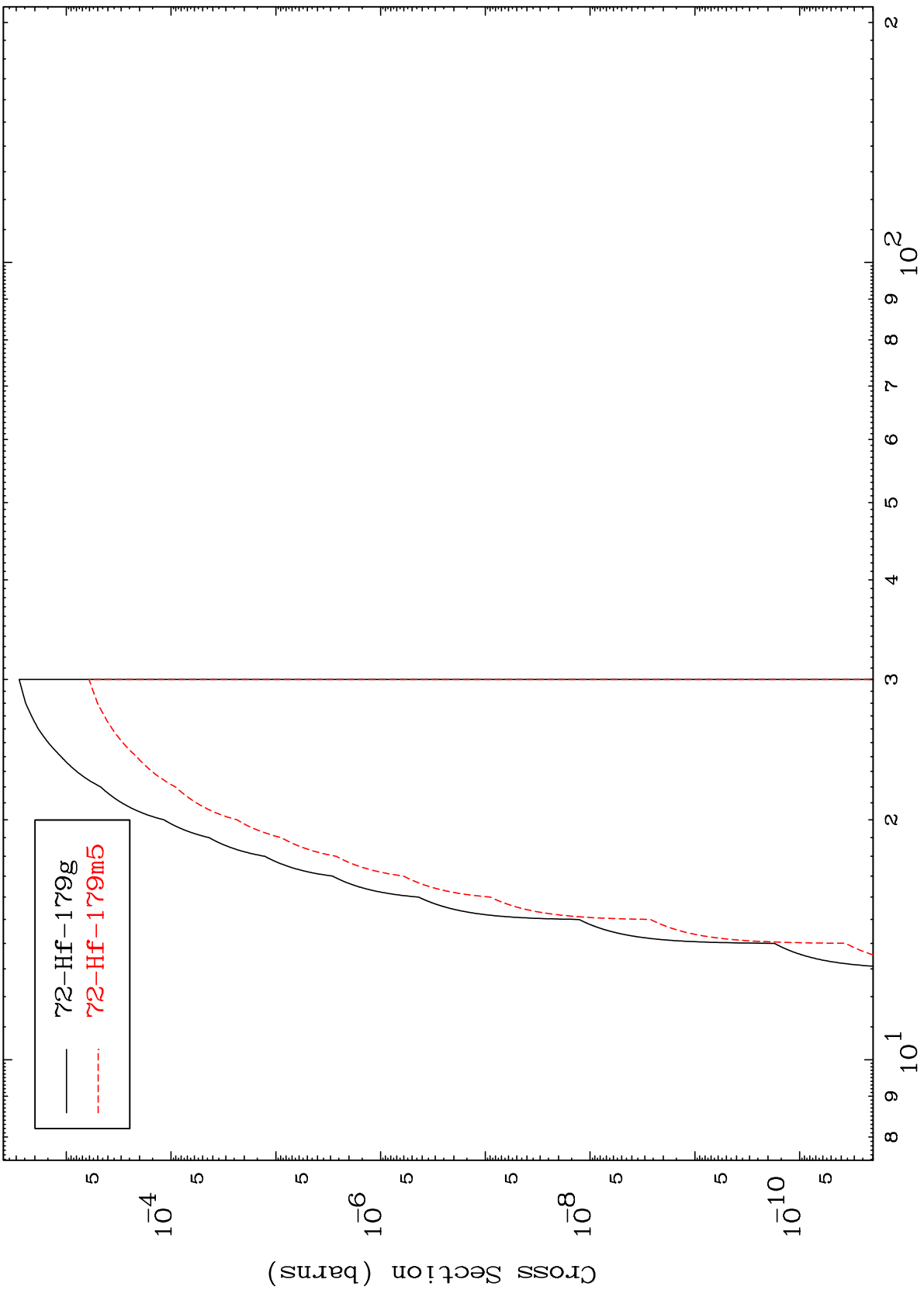
Incident Energy (MeV)

15

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71-Lu-176m

Radionuclide Production Cross Section (n,p)



72-Hf-179g
72-Hf-179m5

16

Incident Energy (MeV)

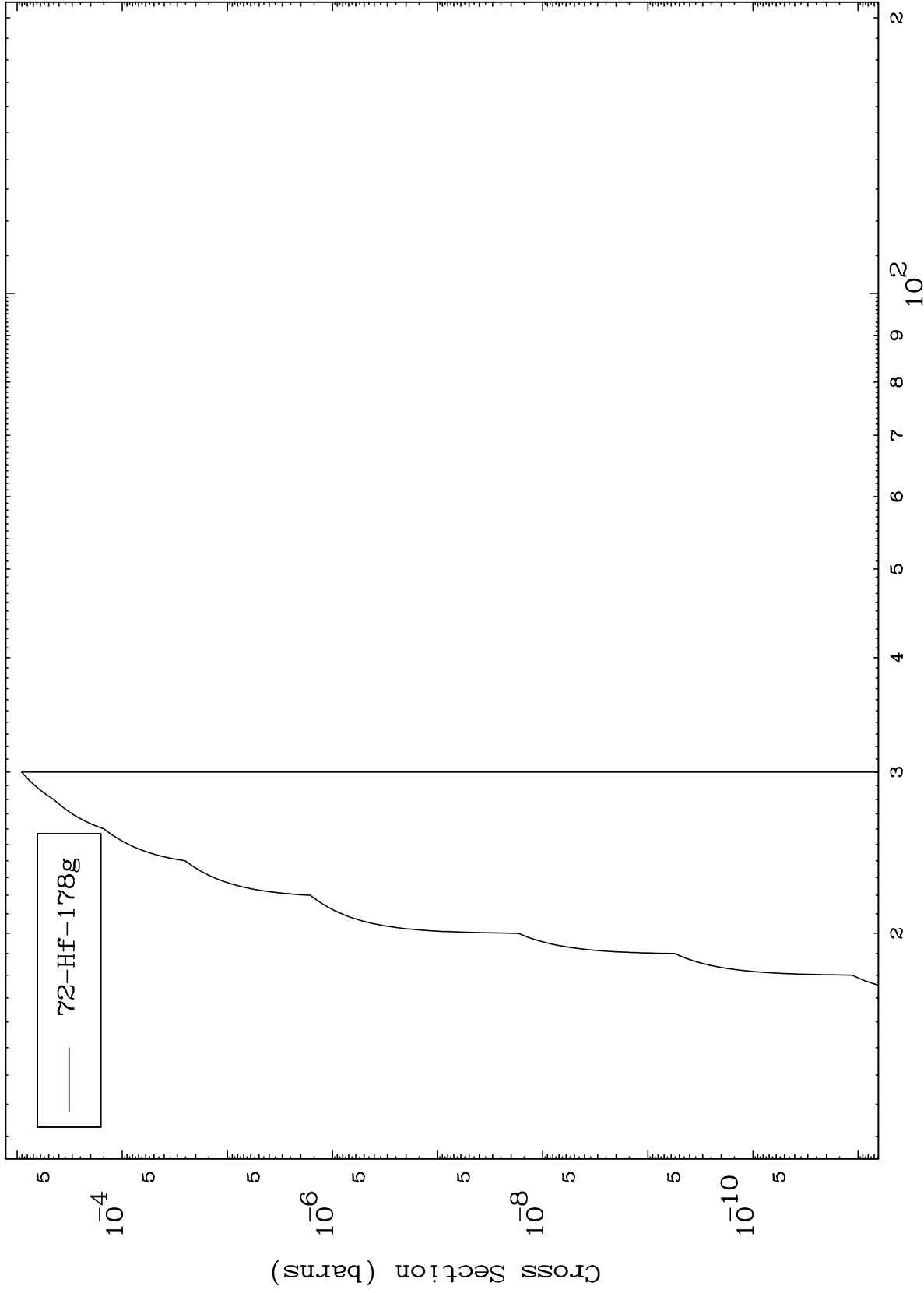
71-Lu-176m

MAT 7129

(n,d)

71-Lu-176m

Radionuclide Production Cross Section



17

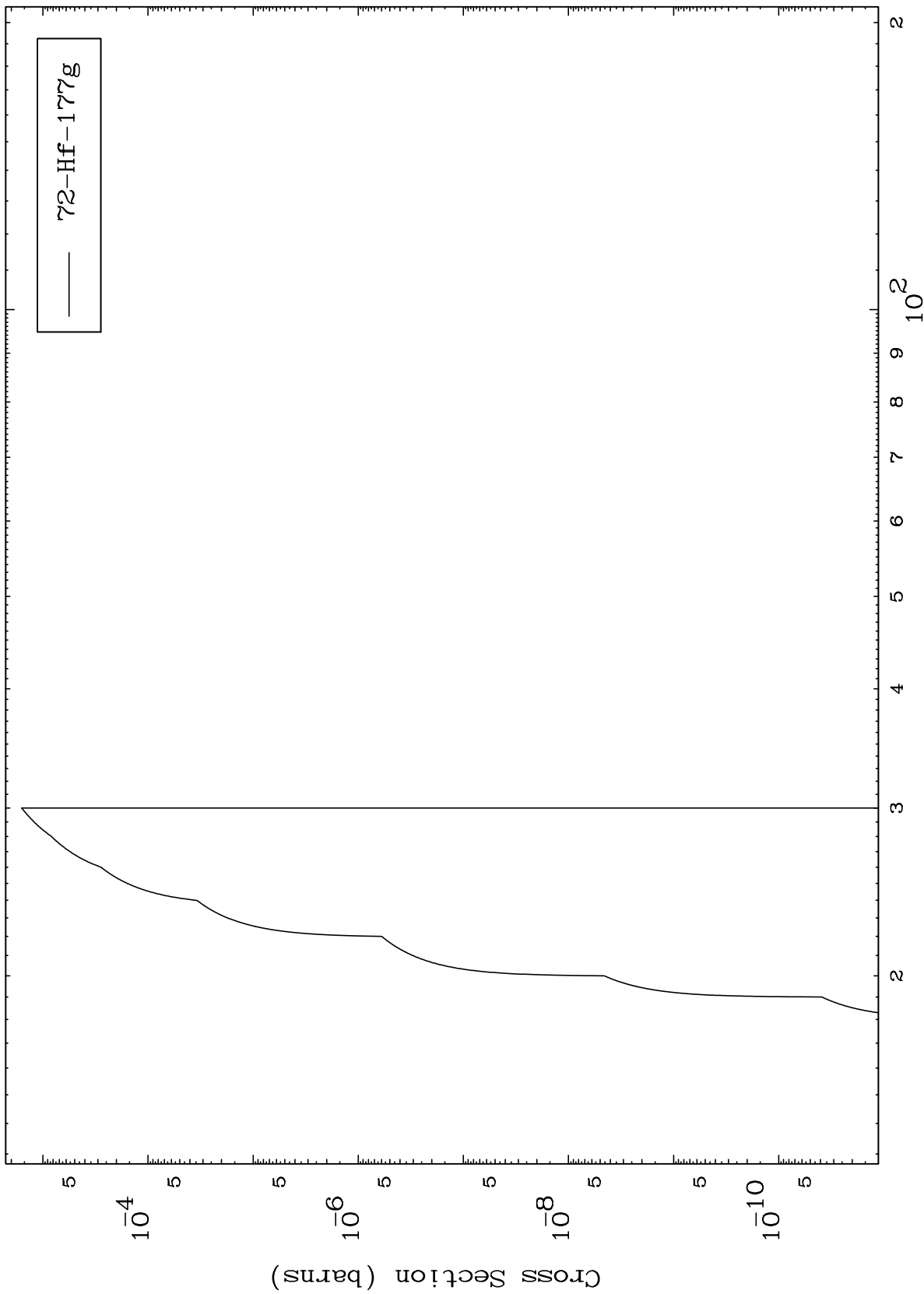
Incident Energy (MeV)

71-Lu-176m

MAT 7129

71-Lu-176m

(n,t)
Radionuclide Production Cross Section



18

71-Lu-176m

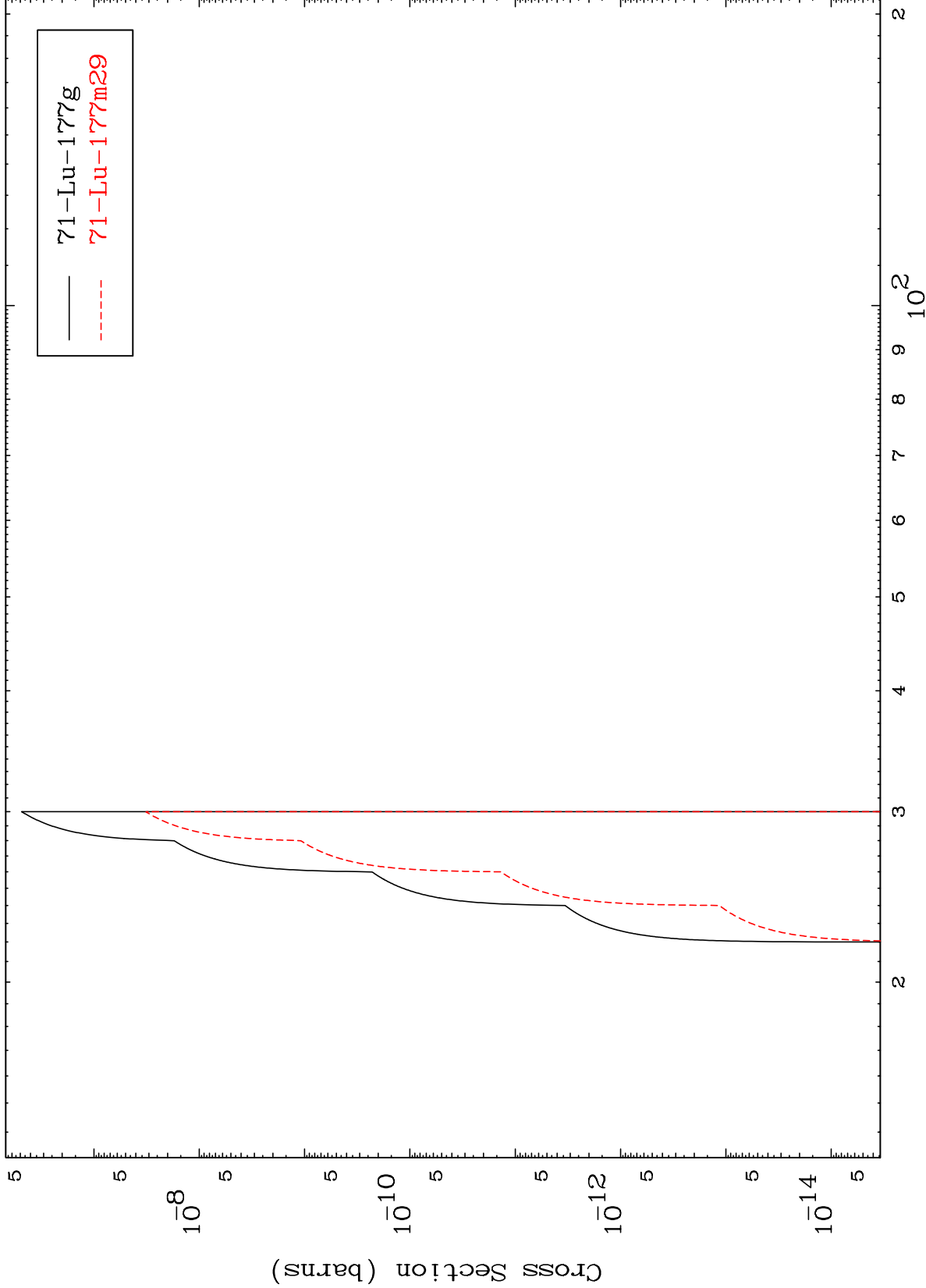
Incident Energy (MeV)

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(n,He-3)

71-Lu-176m

Radionuclide Production Cross Section



MAT 7129

⁷¹Lu-176m

