

Program EVALPLOT
(Version 2021-1)

by

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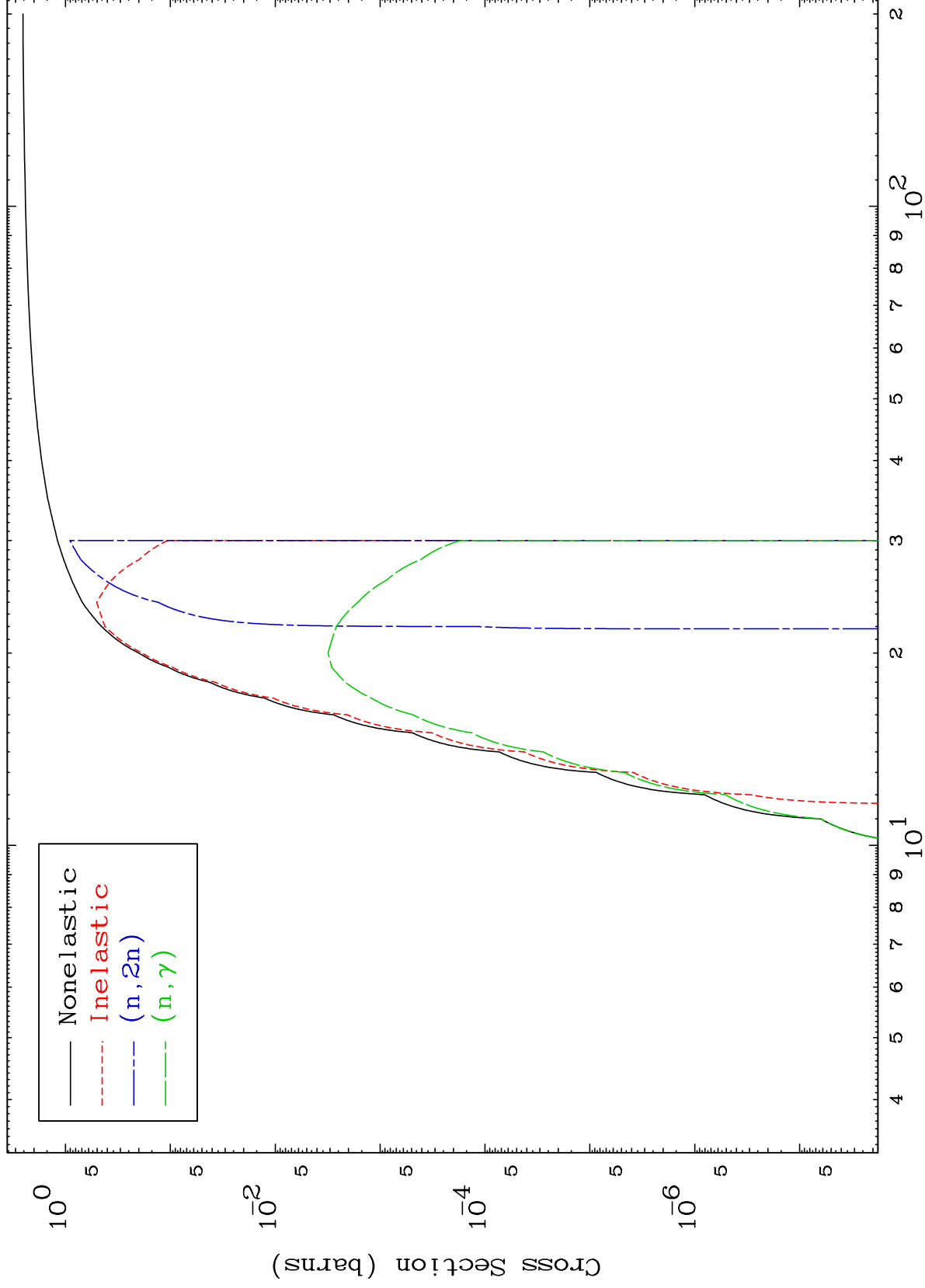
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7100

0 Kelvin Major
 α Major Cross Sections

$^{71}\text{Lu-166n}$



1

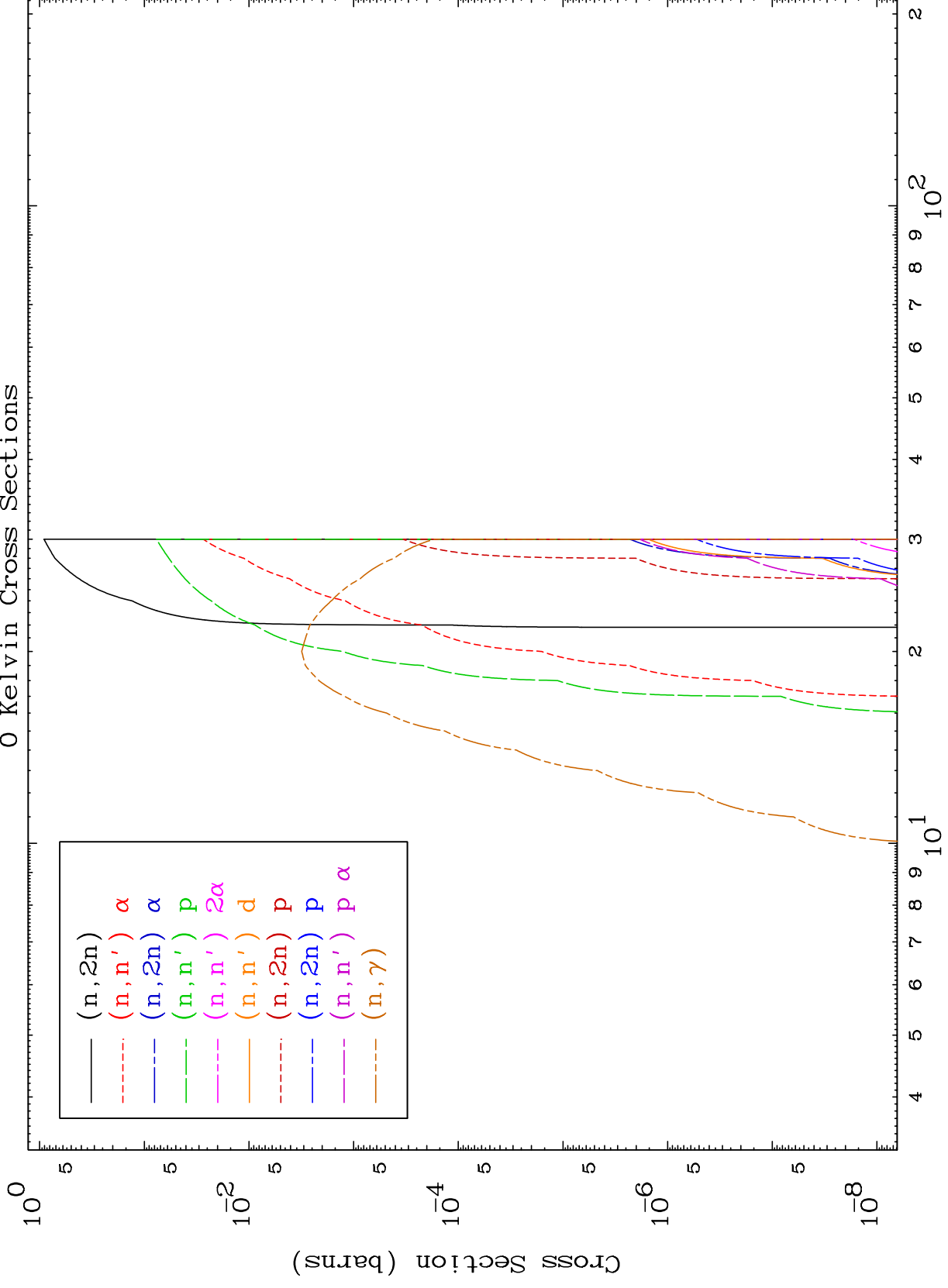
Incident Energy (MeV)

$^{71}\text{Lu-166n}$

MAT 7100

α Neutron Absorption
0 Kelvin Cross Sections

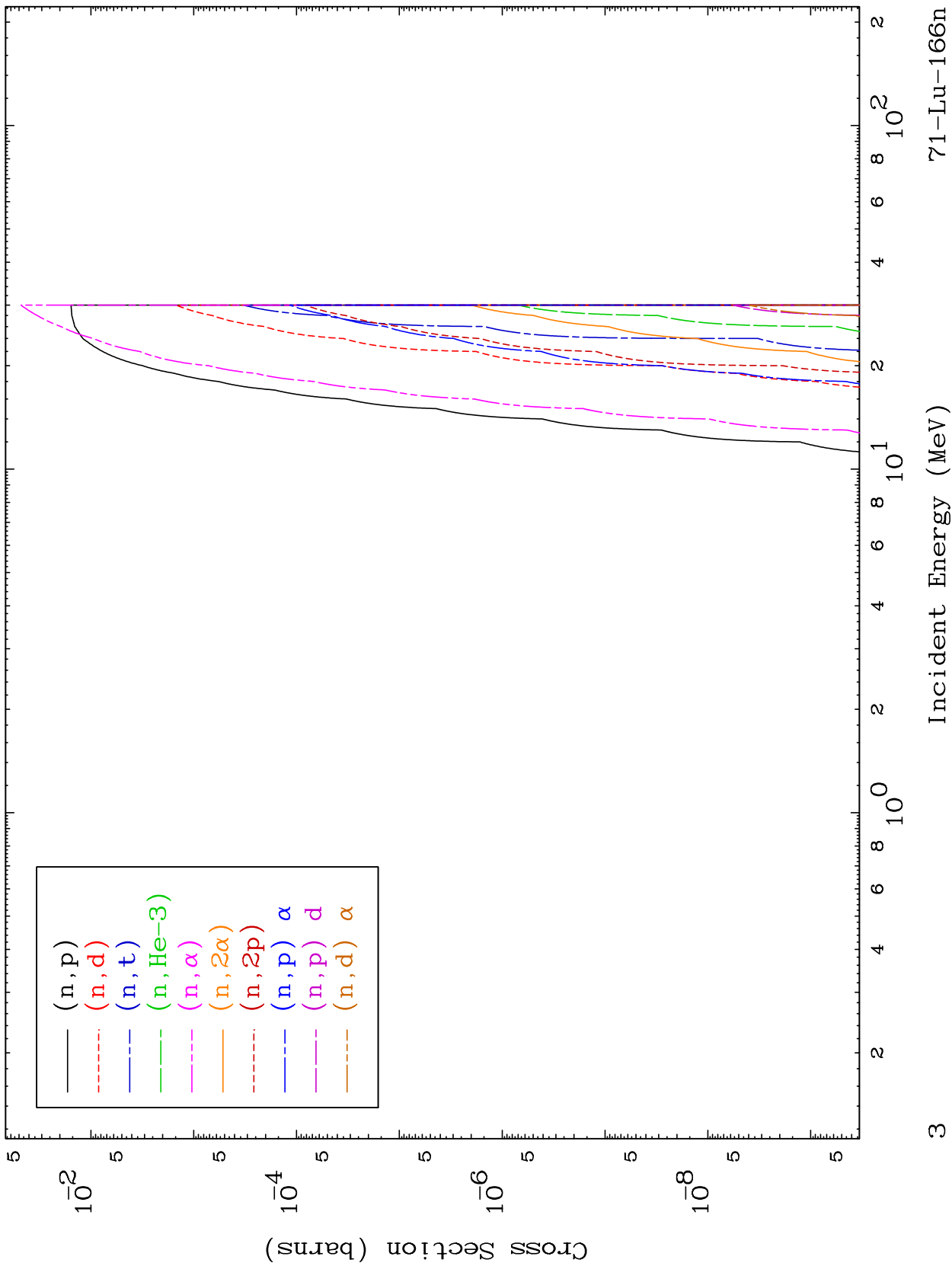
$^{71}\text{Lu-166n}$

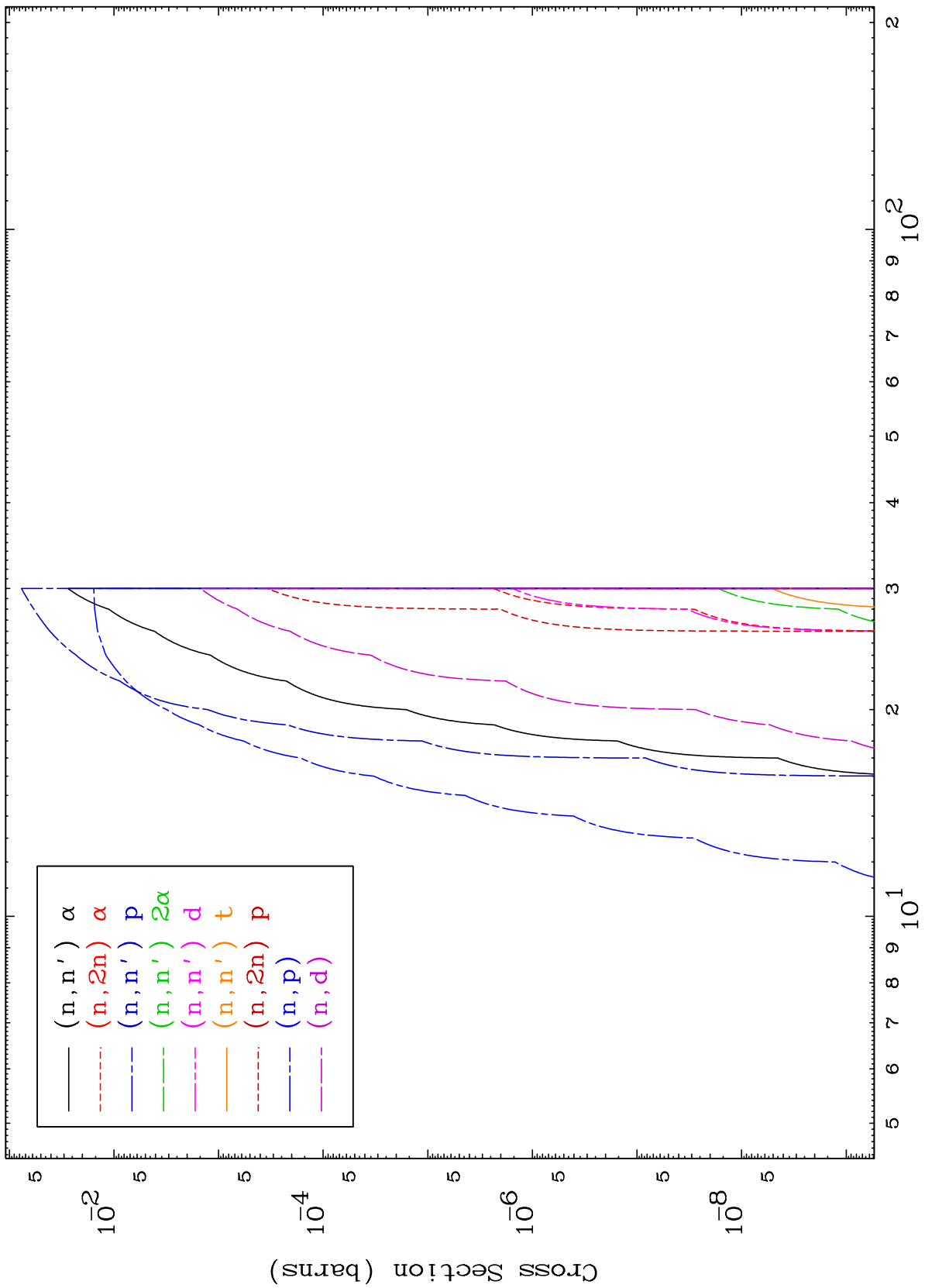


MAT 7100

α Neutron Absorption
0 Kelvin Cross Sections

$^{71}\text{Lu-166n}$

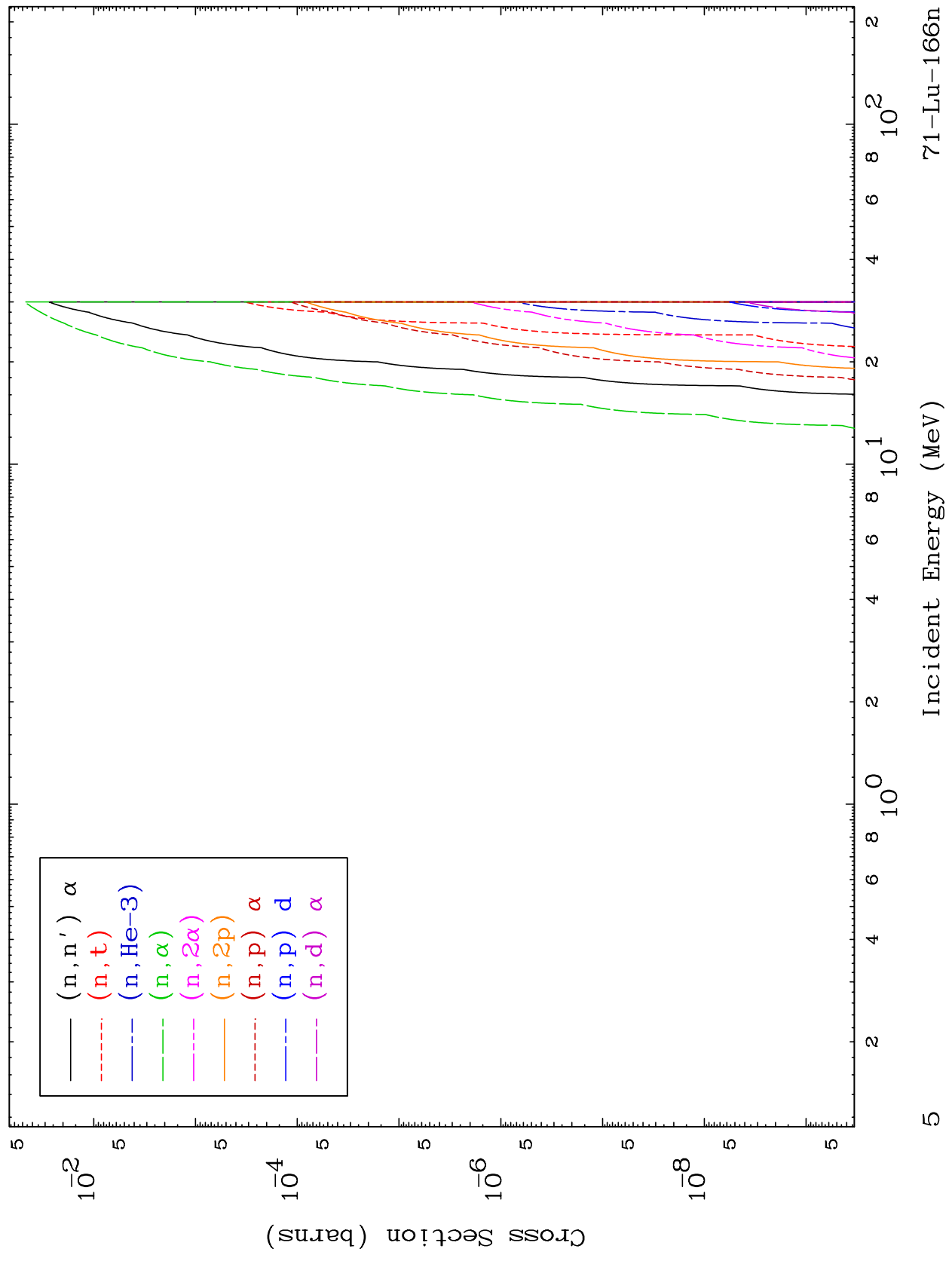




MAT 7100

α Charged Particle
0 Kelvin Cross Sections

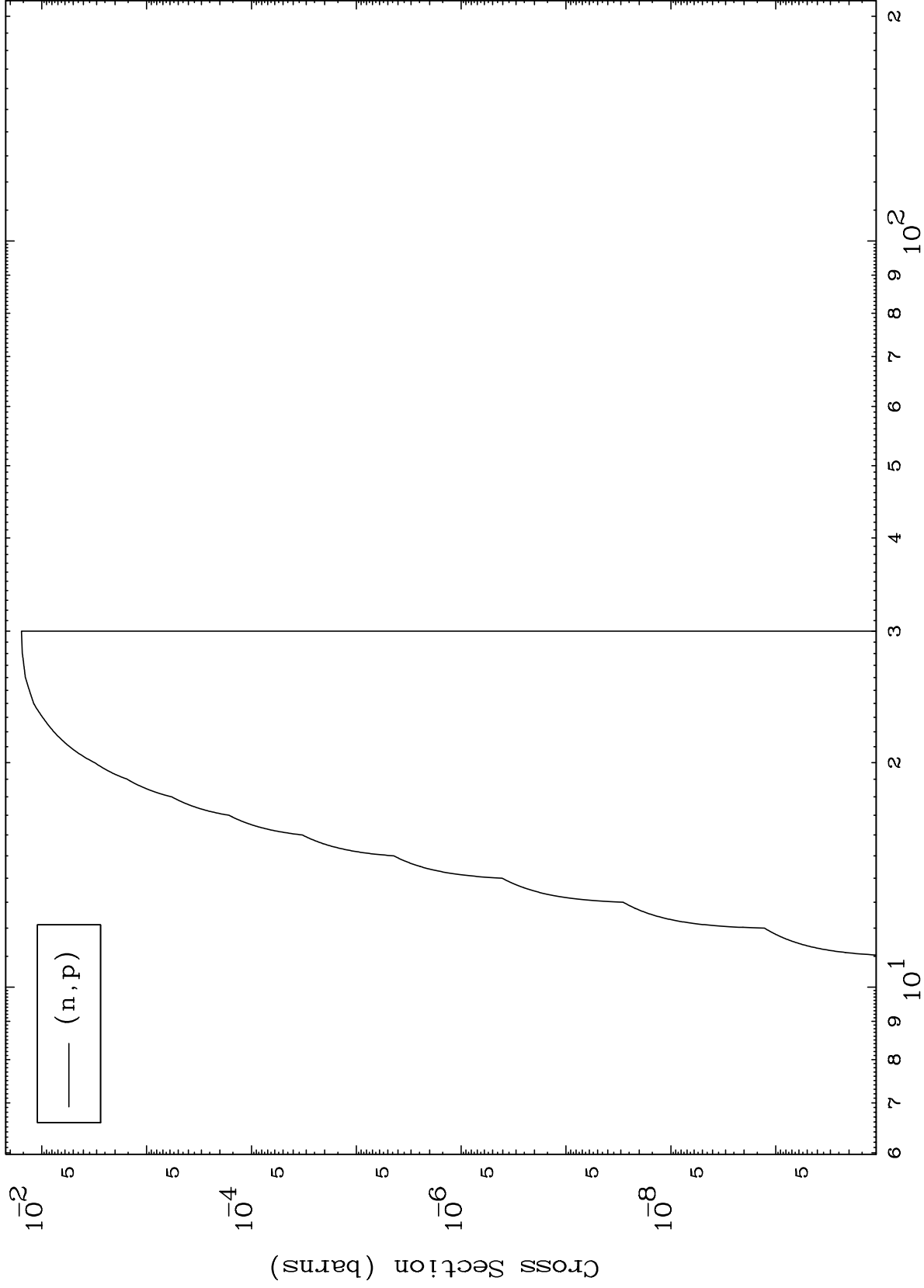
⁷¹Lu-166n



MAT 7100

(α, p) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu-166n}$



6

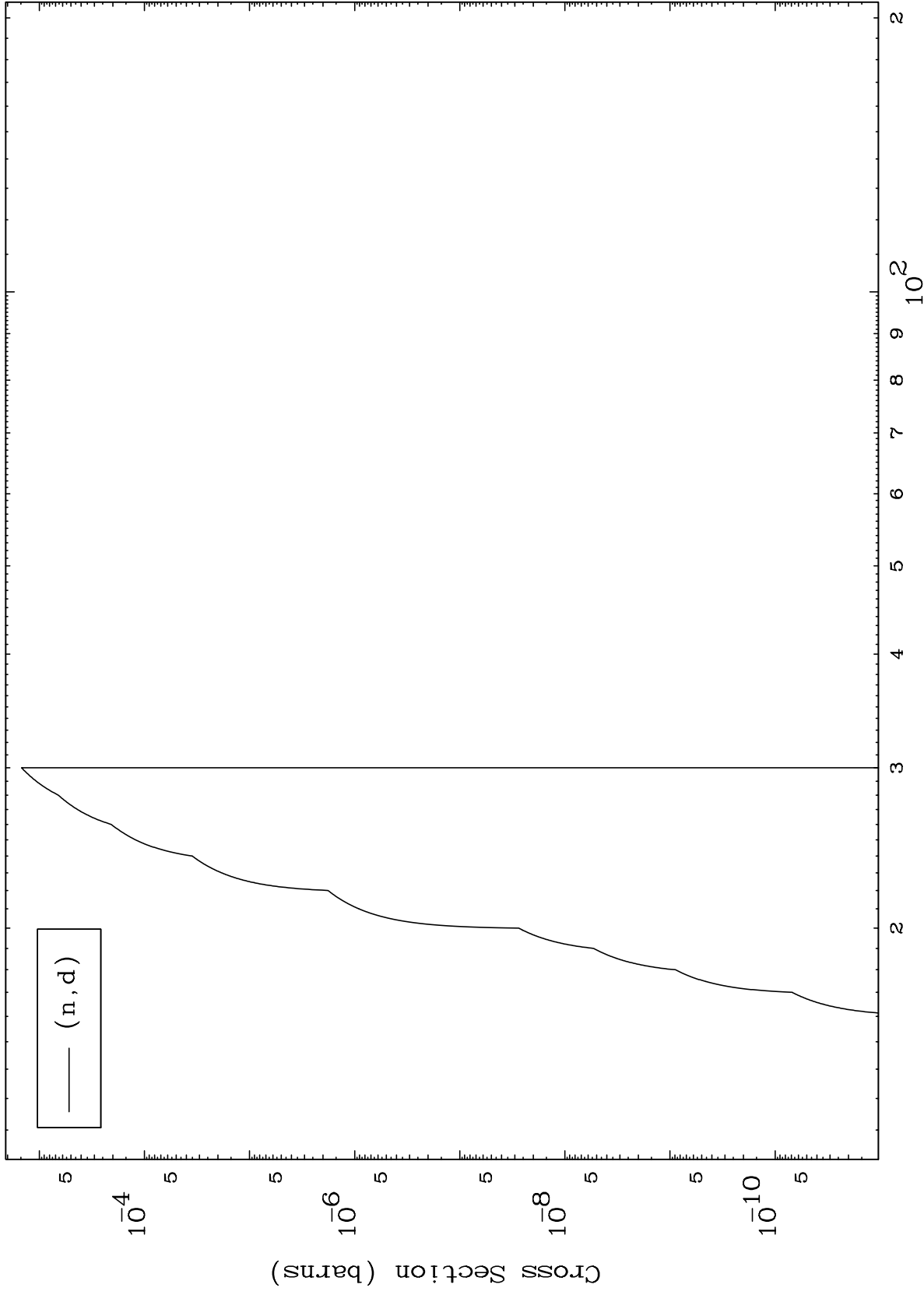
Incident Energy (MeV)

$^{71}\text{Lu-166n}$

MAT 7100

(α, d) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu}-166n$



7

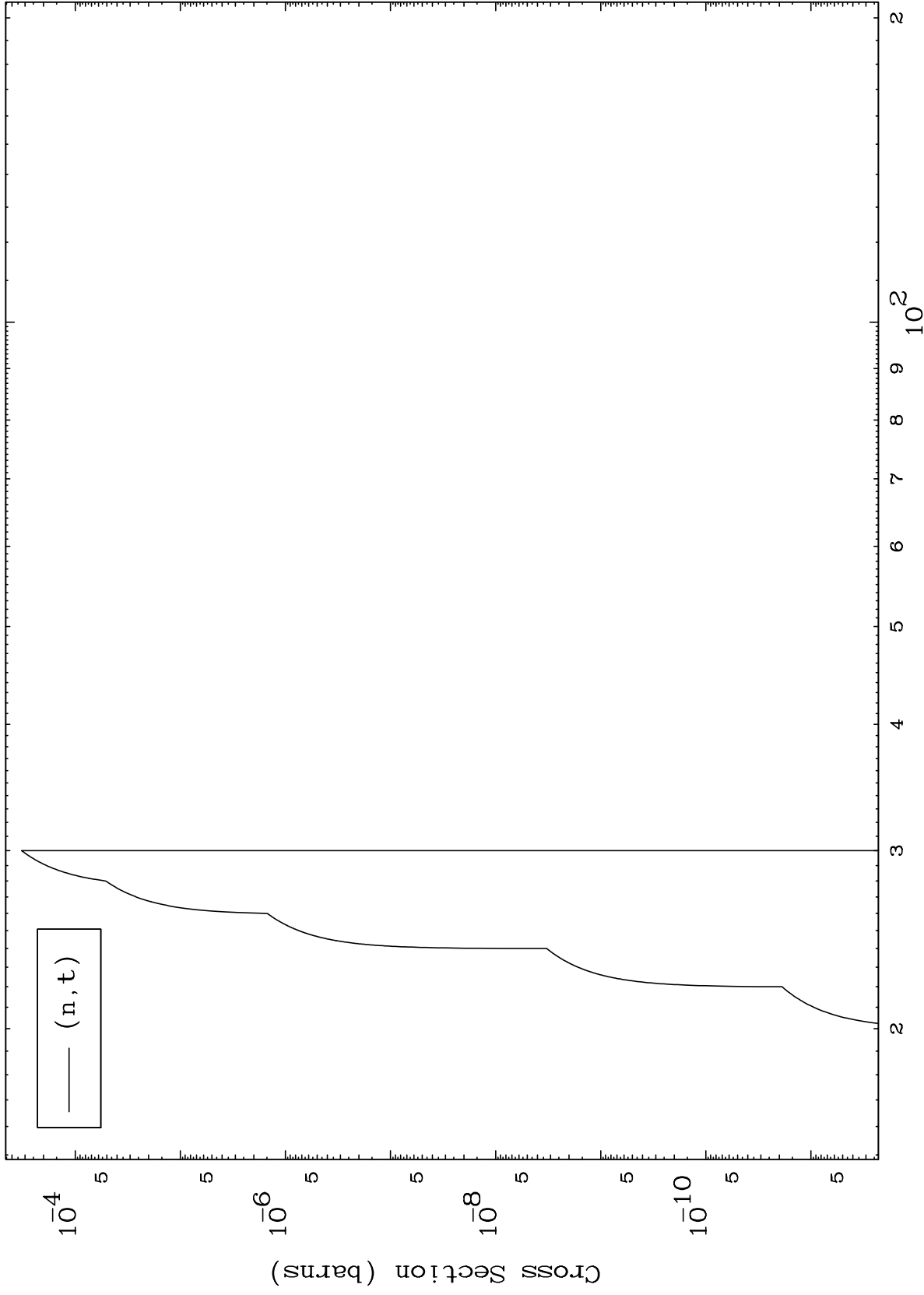
Incident Energy (MeV)

$^{71}\text{Lu}-166n$

MAT 7100

(α, t) Levels
0 Kelvin Cross Sections

⁷¹Lu-166n

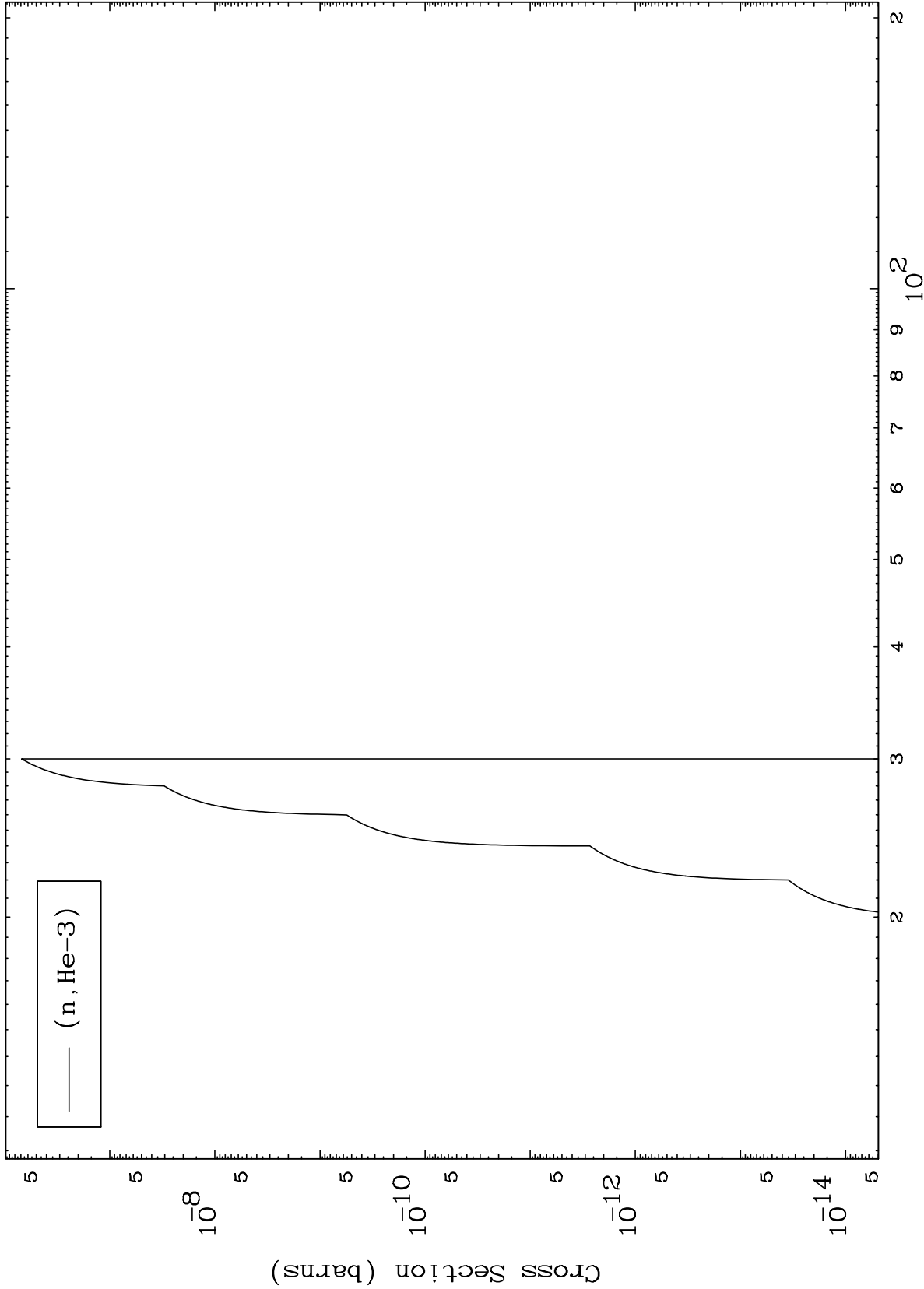


8

Incident Energy (MeV)

⁷¹Lu-166n

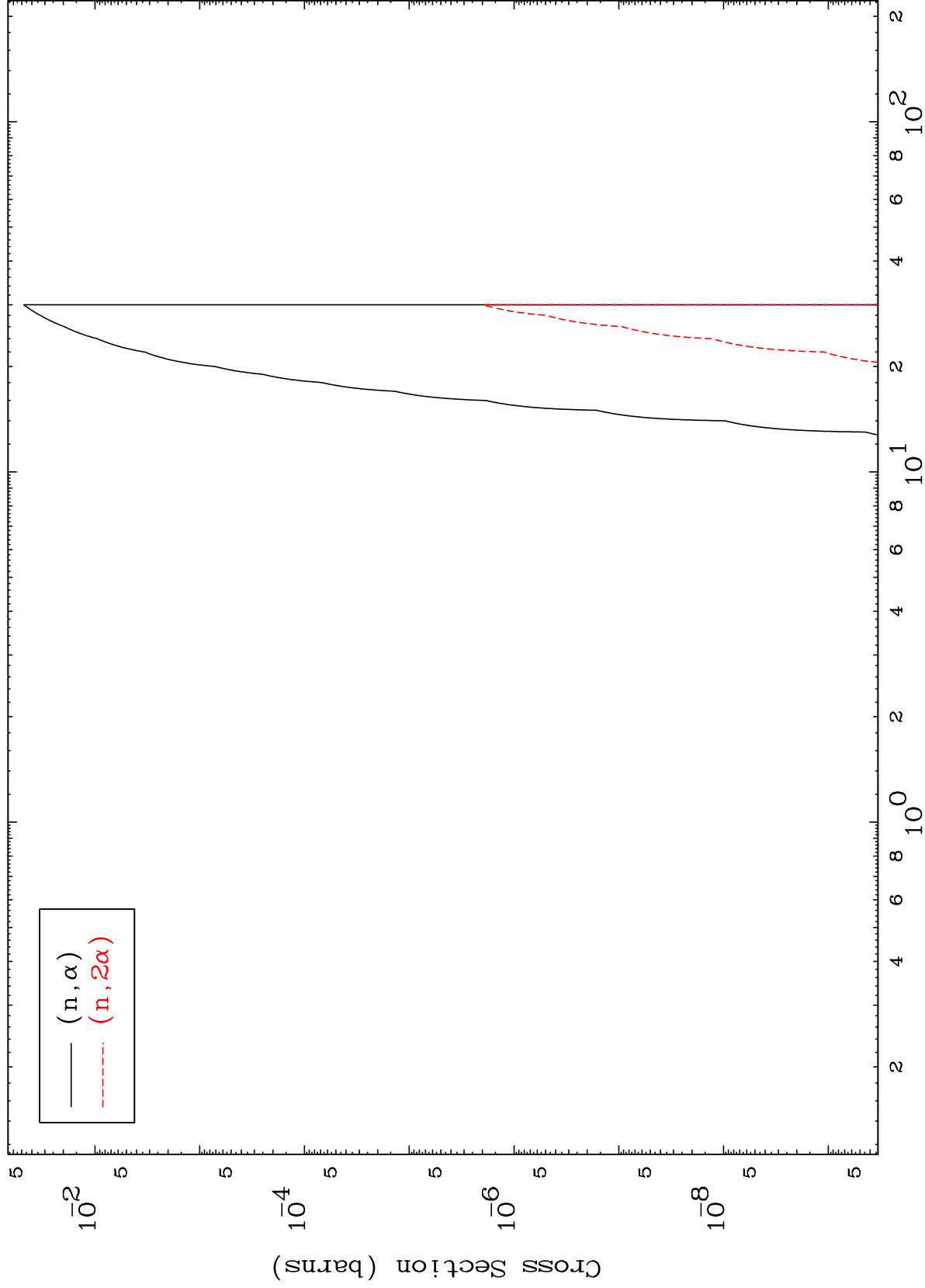
0 Kelvin Cross Sections



MAT 7100

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-166n



Incident Energy (MeV)

71-Lu-166n

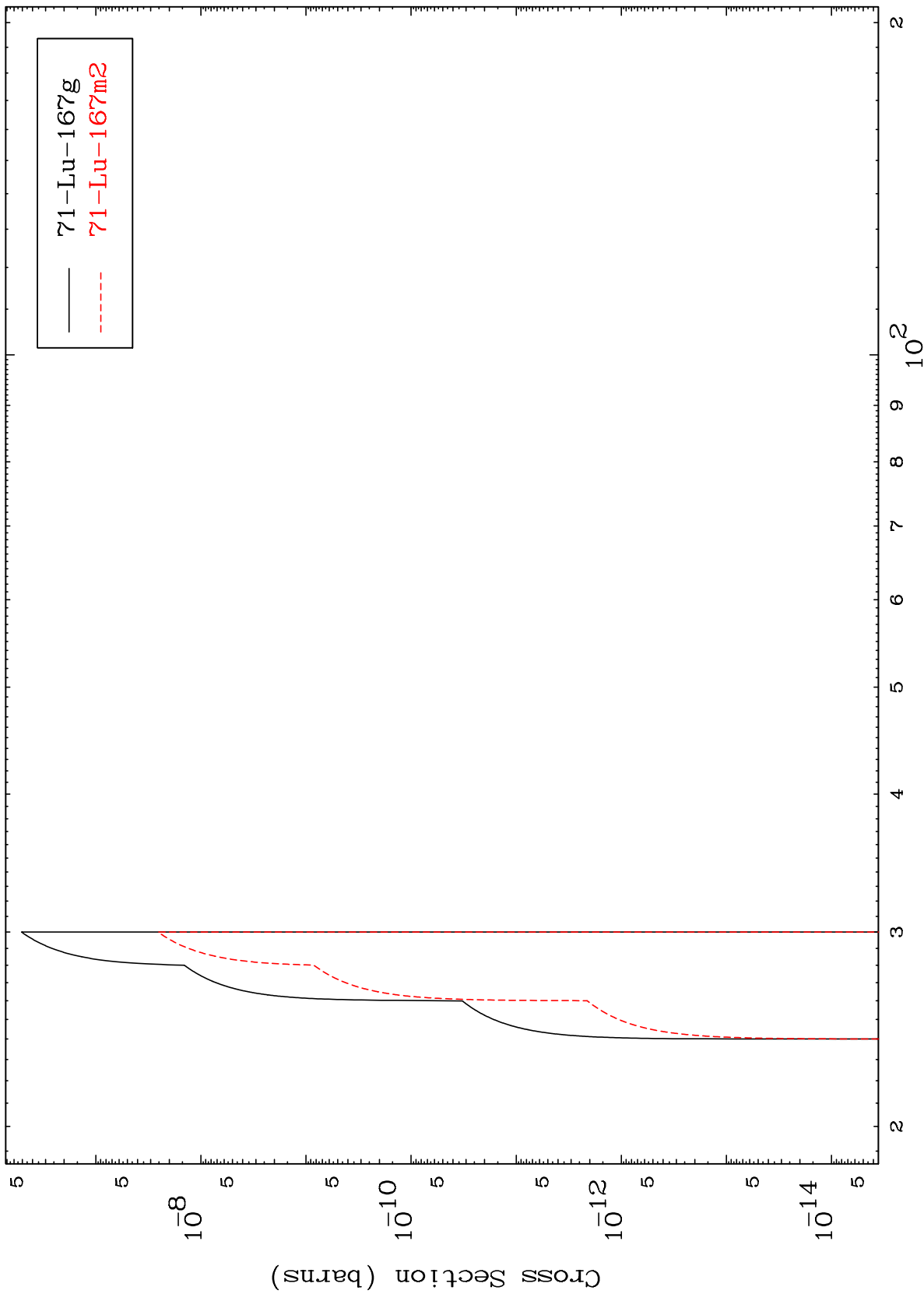
10

MAT 7100

(n,2n) p

⁷¹Lu-166n

Radionuclide Production Cross Section



11

Incident Energy (MeV)

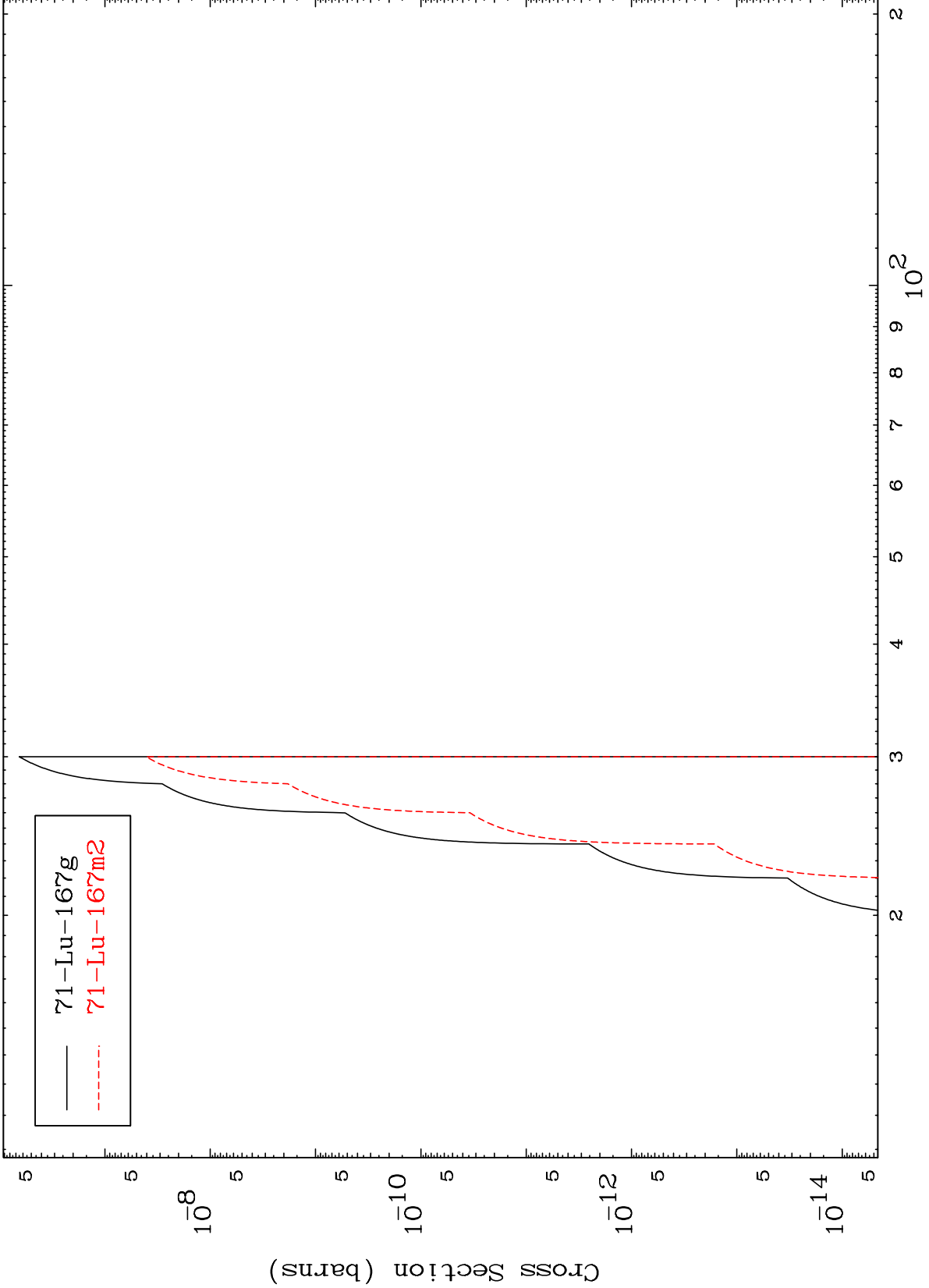
⁷¹Lu-166n

MAT 7100

(n,He-3)

⁷¹Lu-166n

Radionuclide Production Cross Section



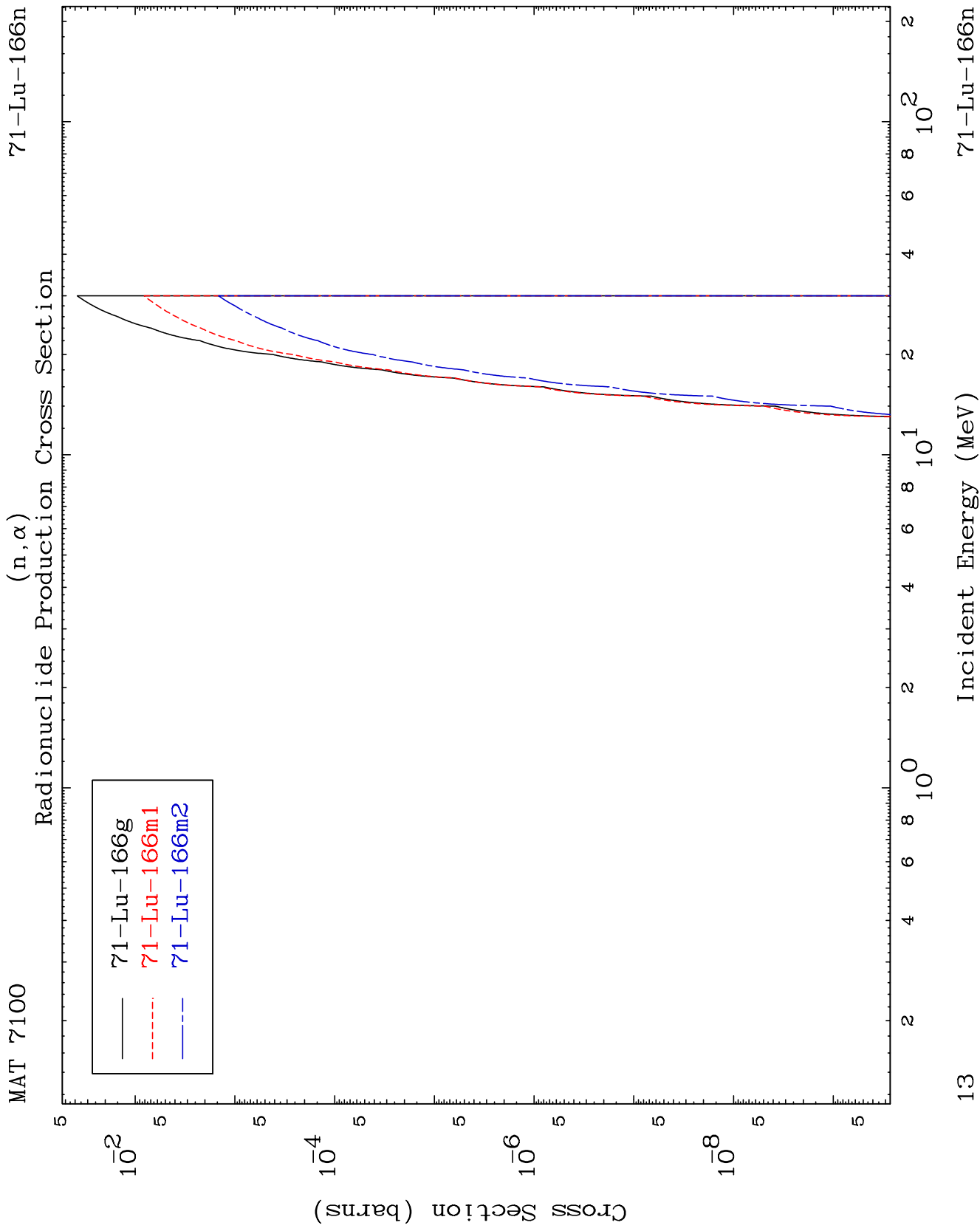
— ⁷¹Lu-167g
- - - ⁷¹Lu-167m2

12

Incident Energy (MeV)

⁷¹Lu-166n

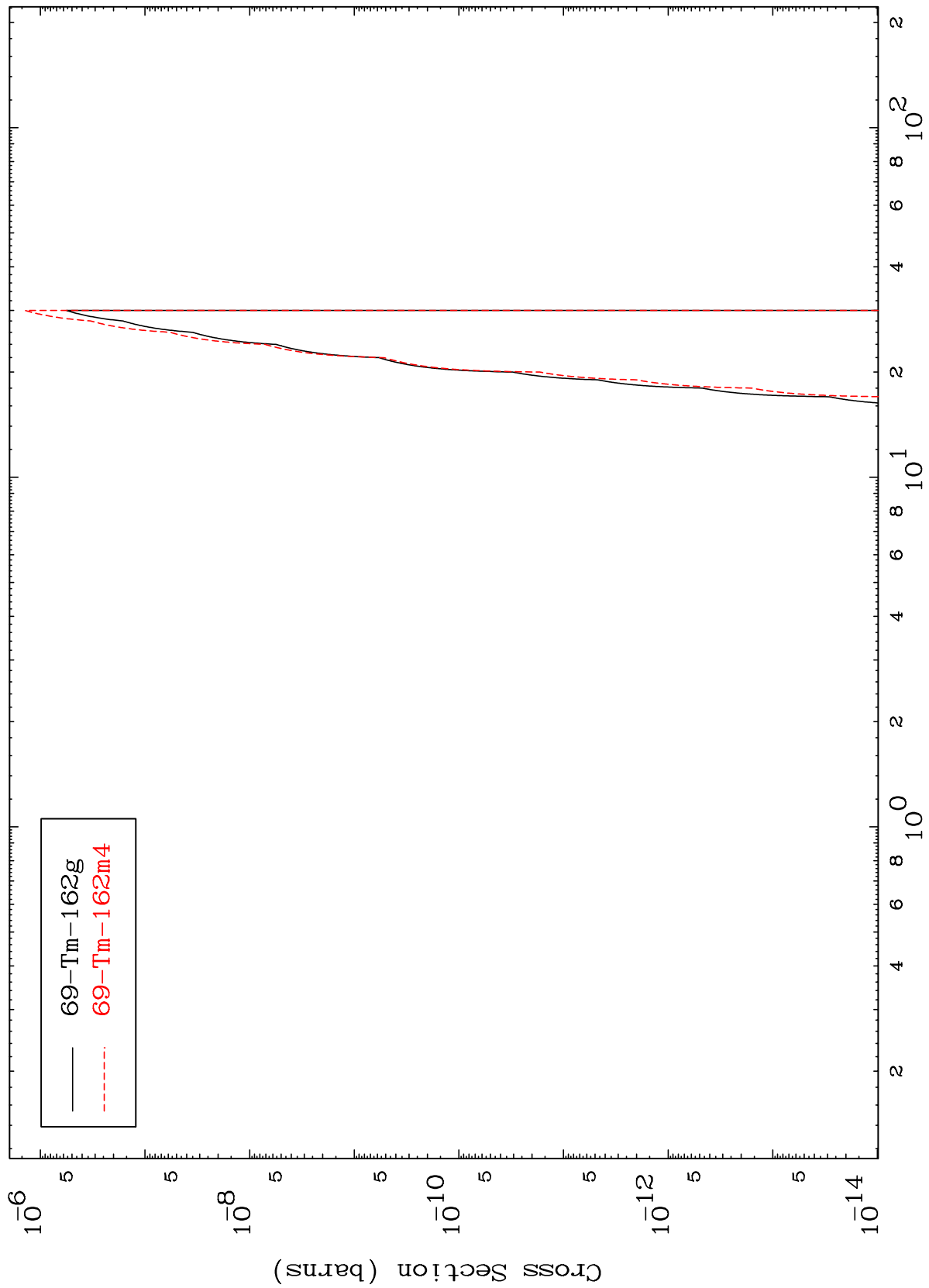
MAT 7100



MAT 7100

71-Lu-166n

Radionuclide Production Cross Section
(n,2α)



71-Lu-166n

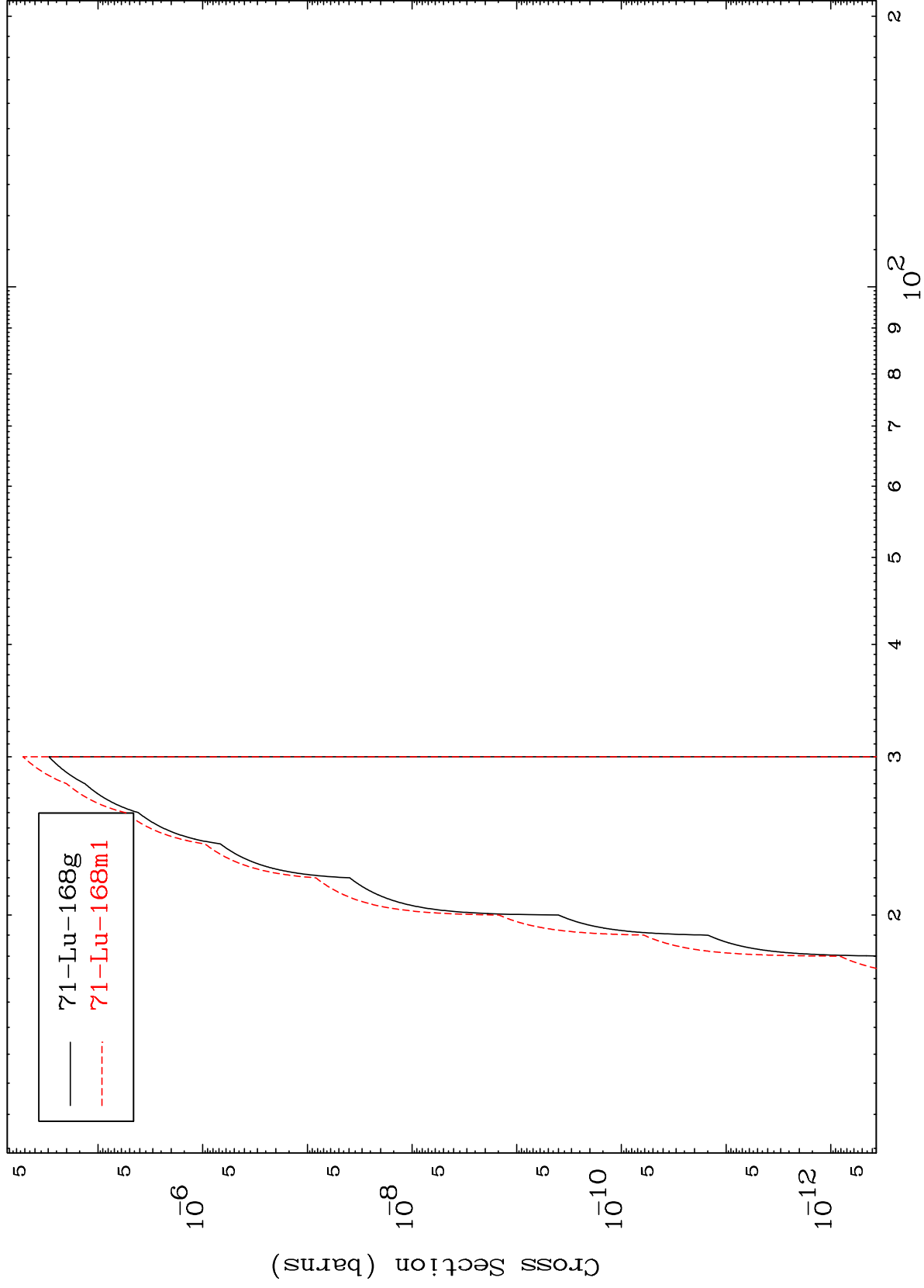
Incident Energy (MeV)

14

MAT 7100

⁷¹Lu-166n

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

⁷¹Lu-166n

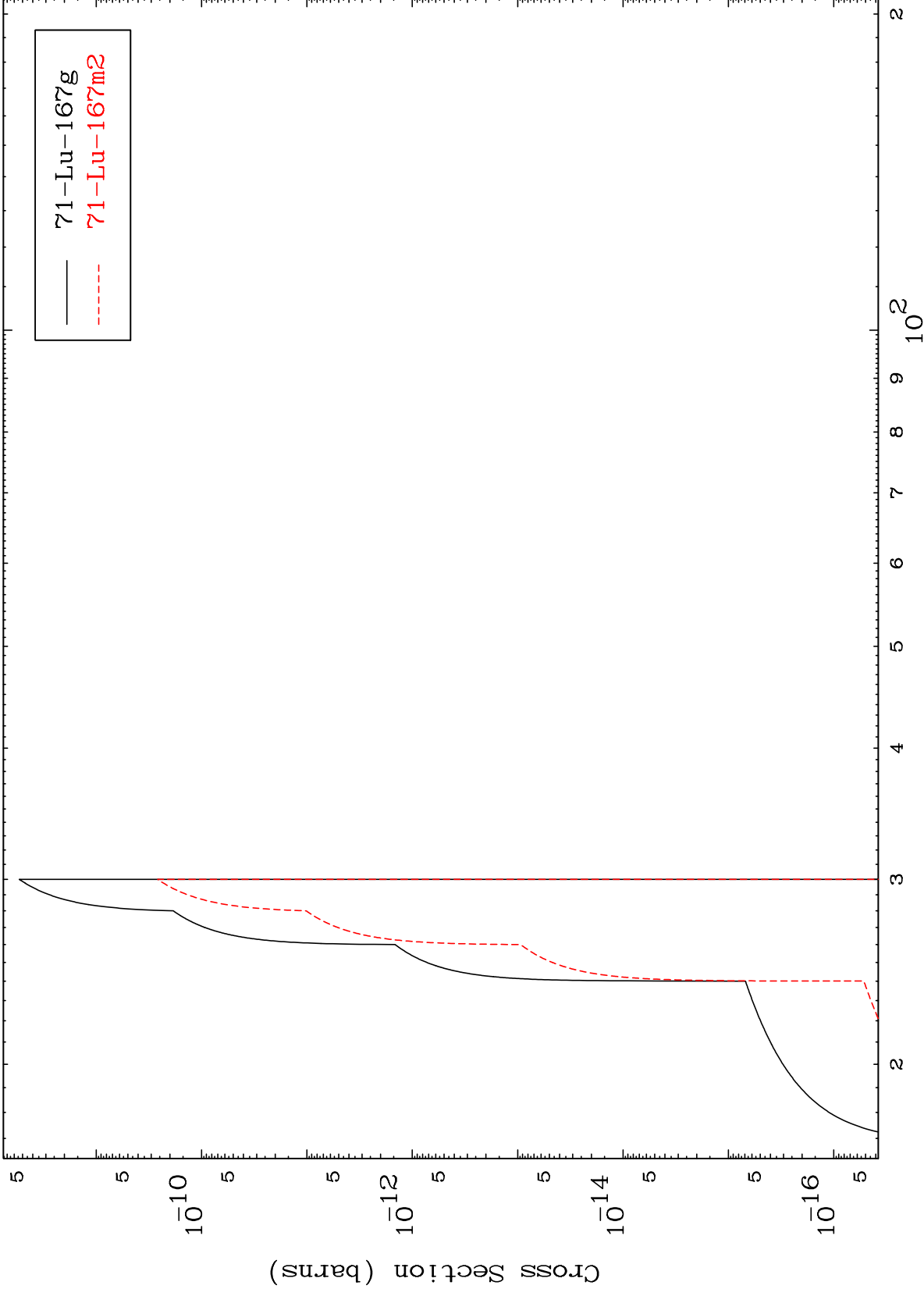
15

MAT 7100

(n,p) d

⁷¹Lu-166n

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m2

16

Incident Energy (MeV)

⁷¹Lu-166n