

Program EVALPLOT
(Version 2021-1)

by

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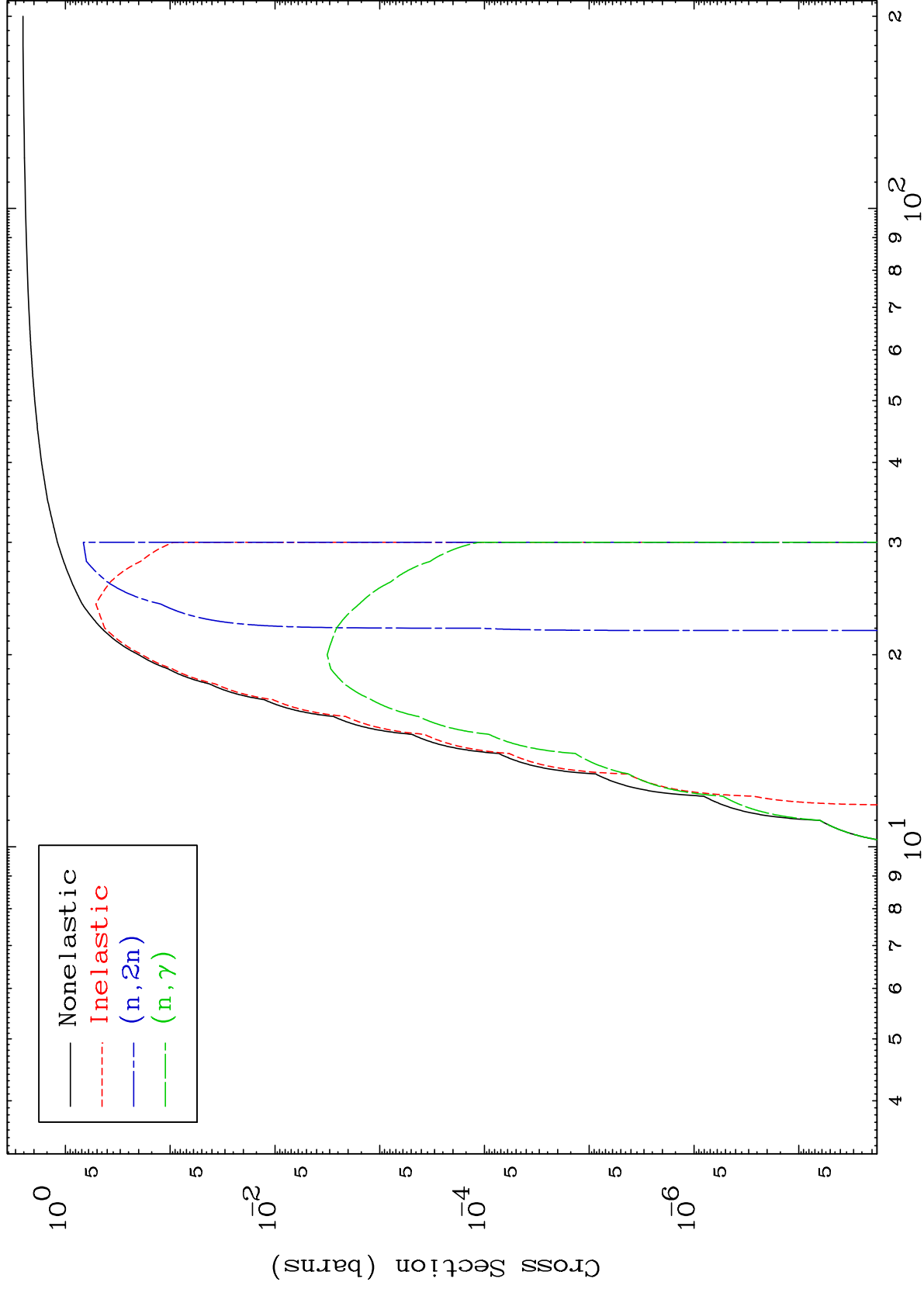
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7100

0 Kelvin Cross Sections

71-Lu-166n



1

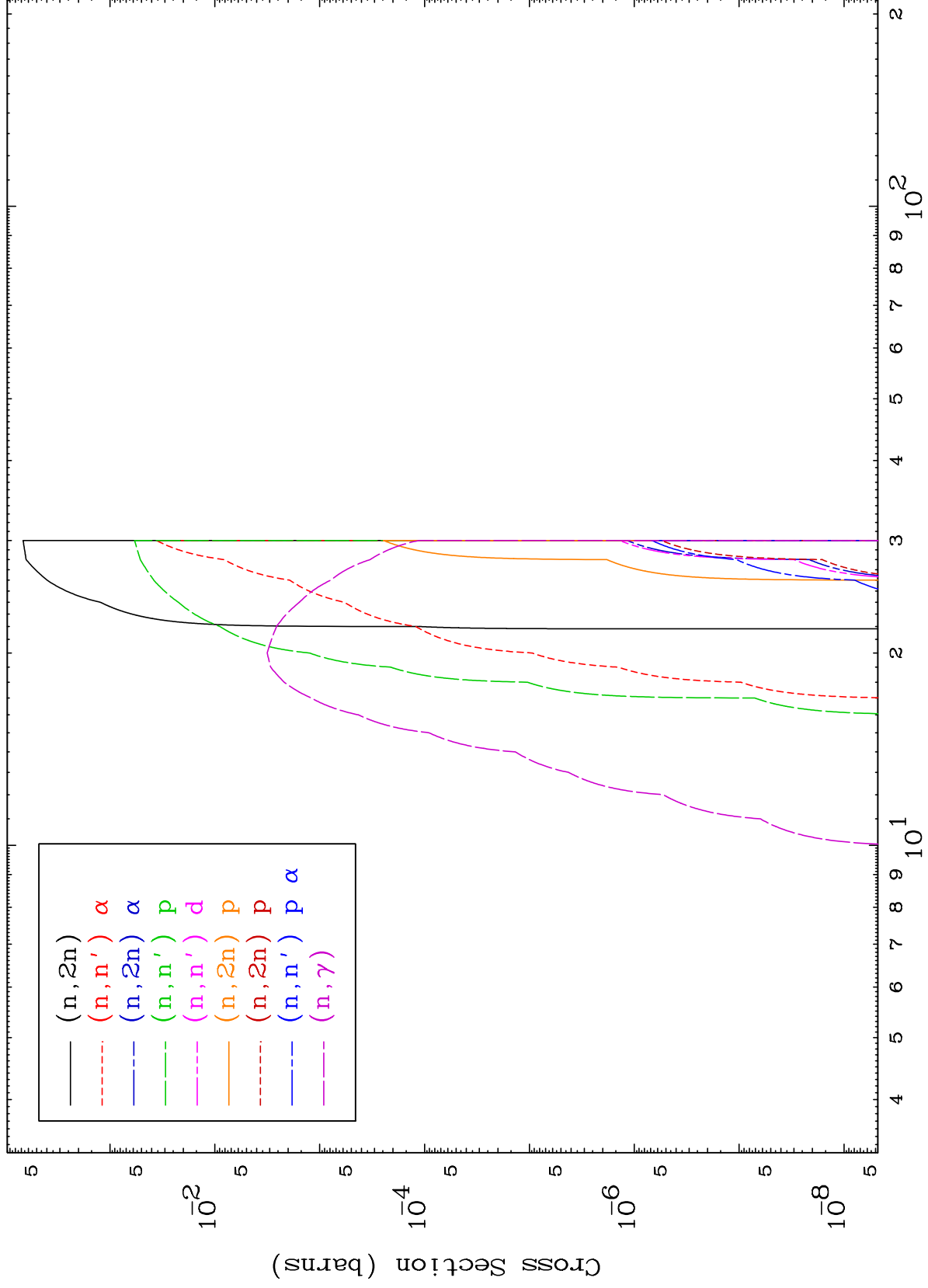
Incident Energy (MeV)

71-Lu-166n

MAT 7100

α Neutron Absorption
0 Kelvin Cross Sections

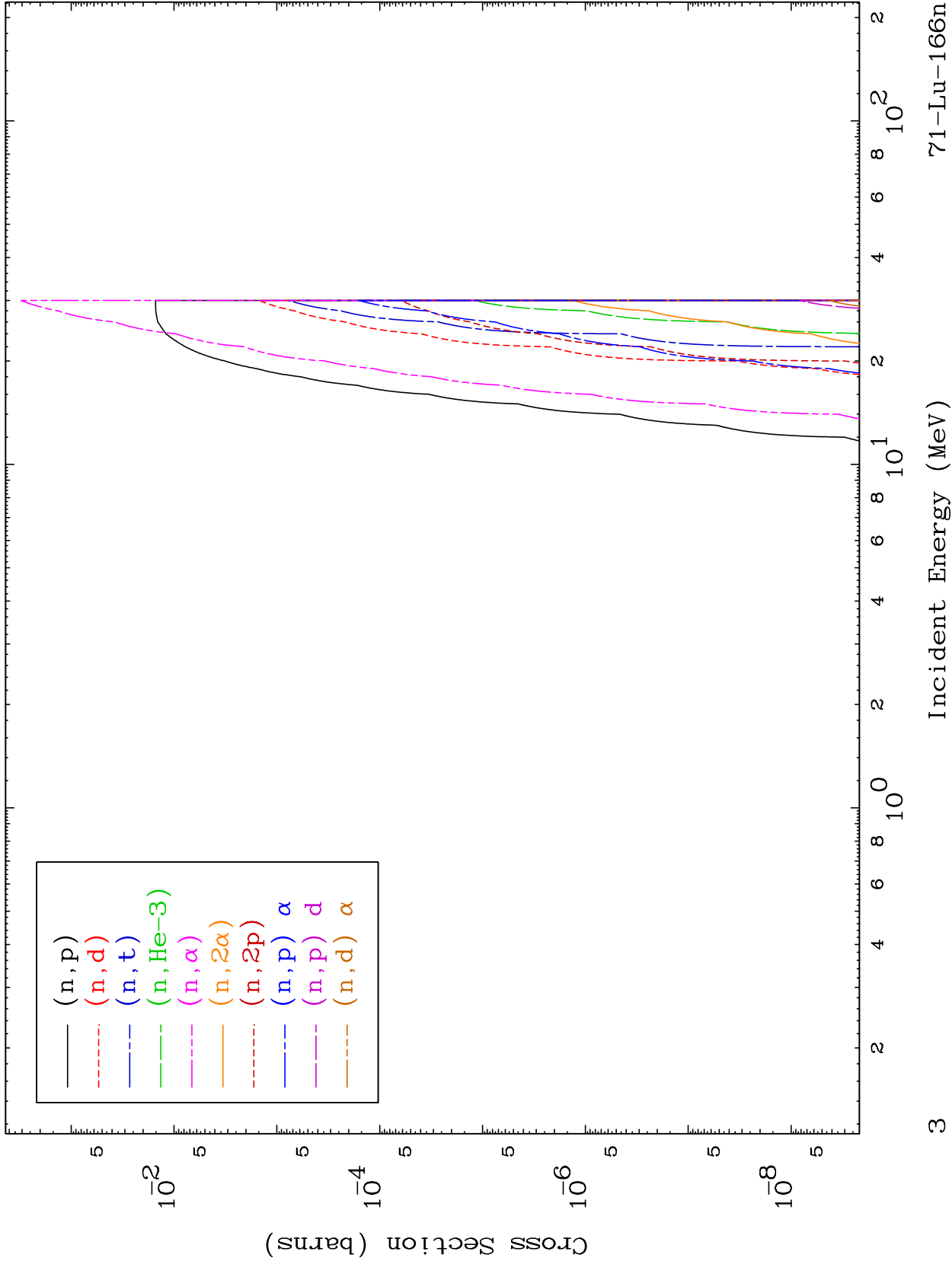
$^{71}\text{Lu-166n}$

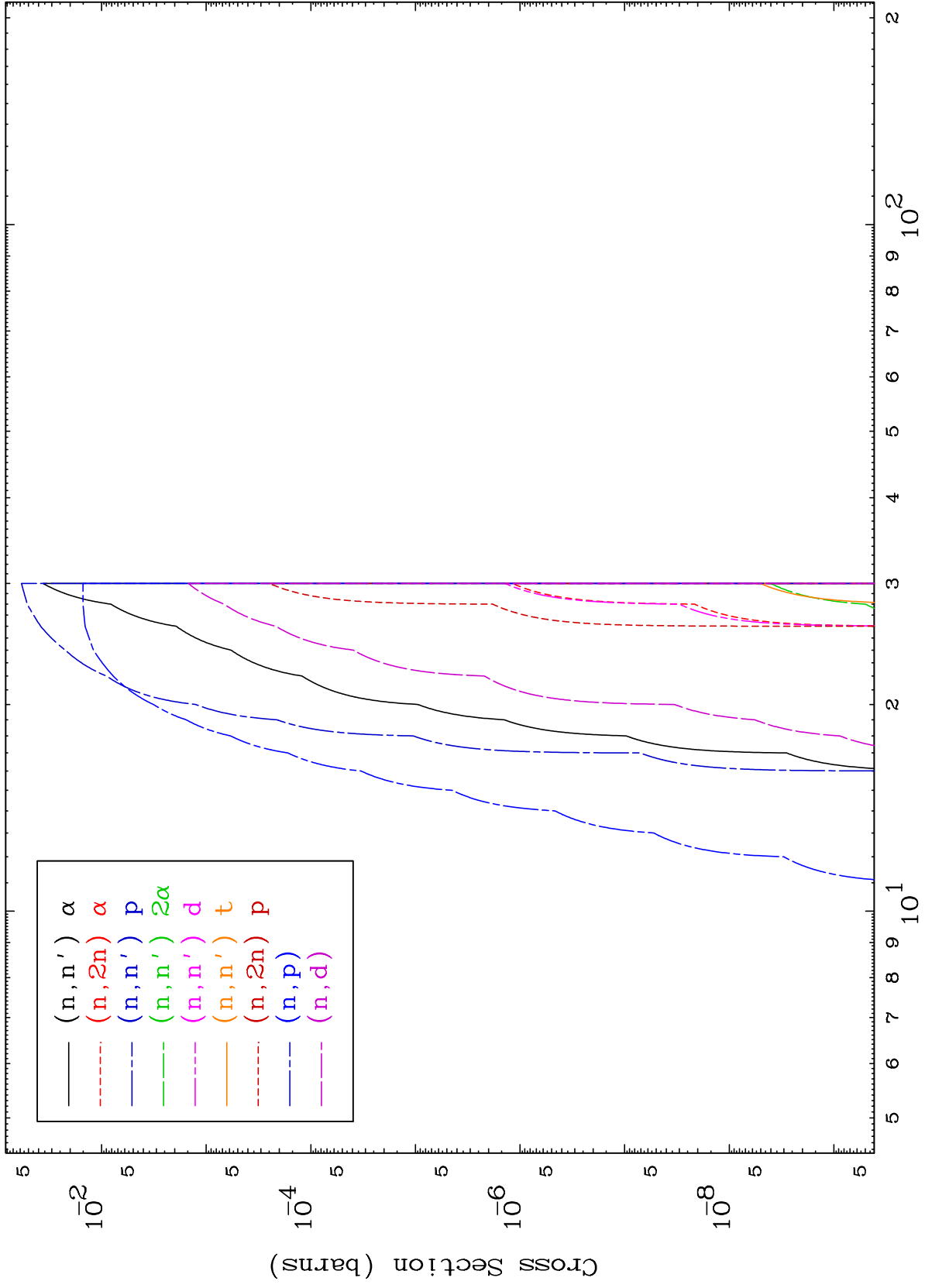


MAT 7100

α Neutron Absorption
0 Kelvin Cross Sections

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

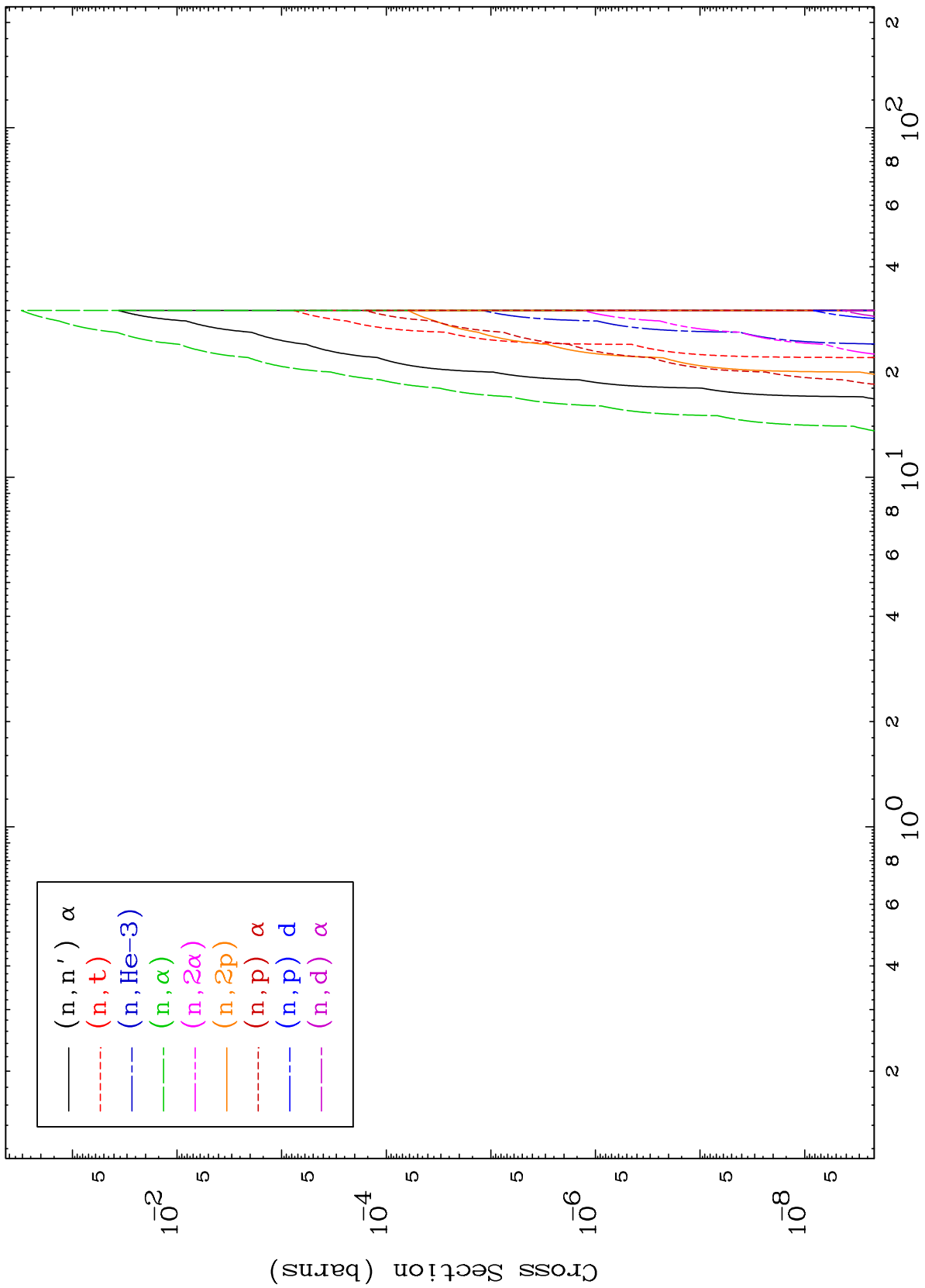




MAT 7100

α Charged Particle
0 Kelvin Cross Sections

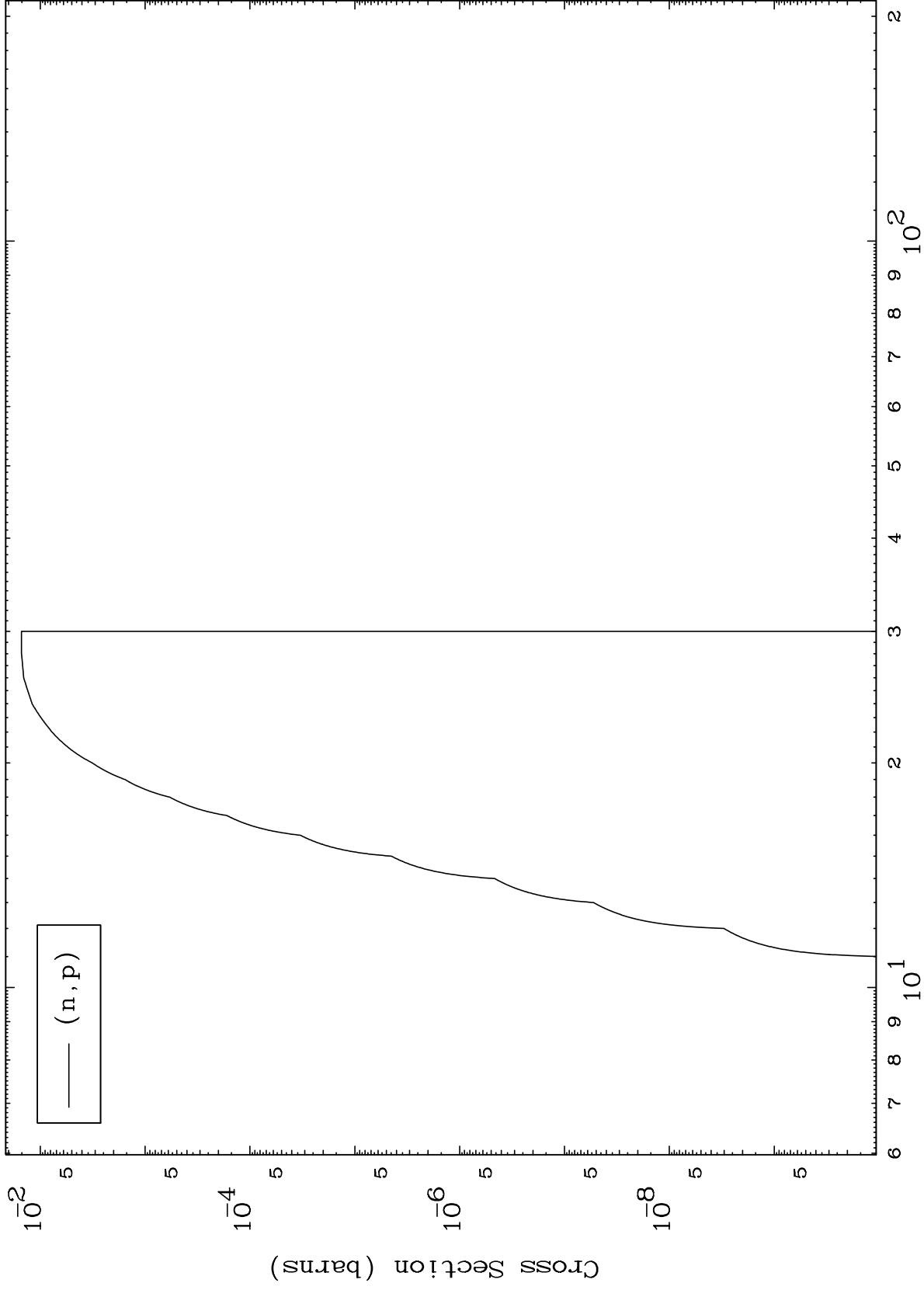
⁷¹Lu-166n



MAT 7100

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-166n



6

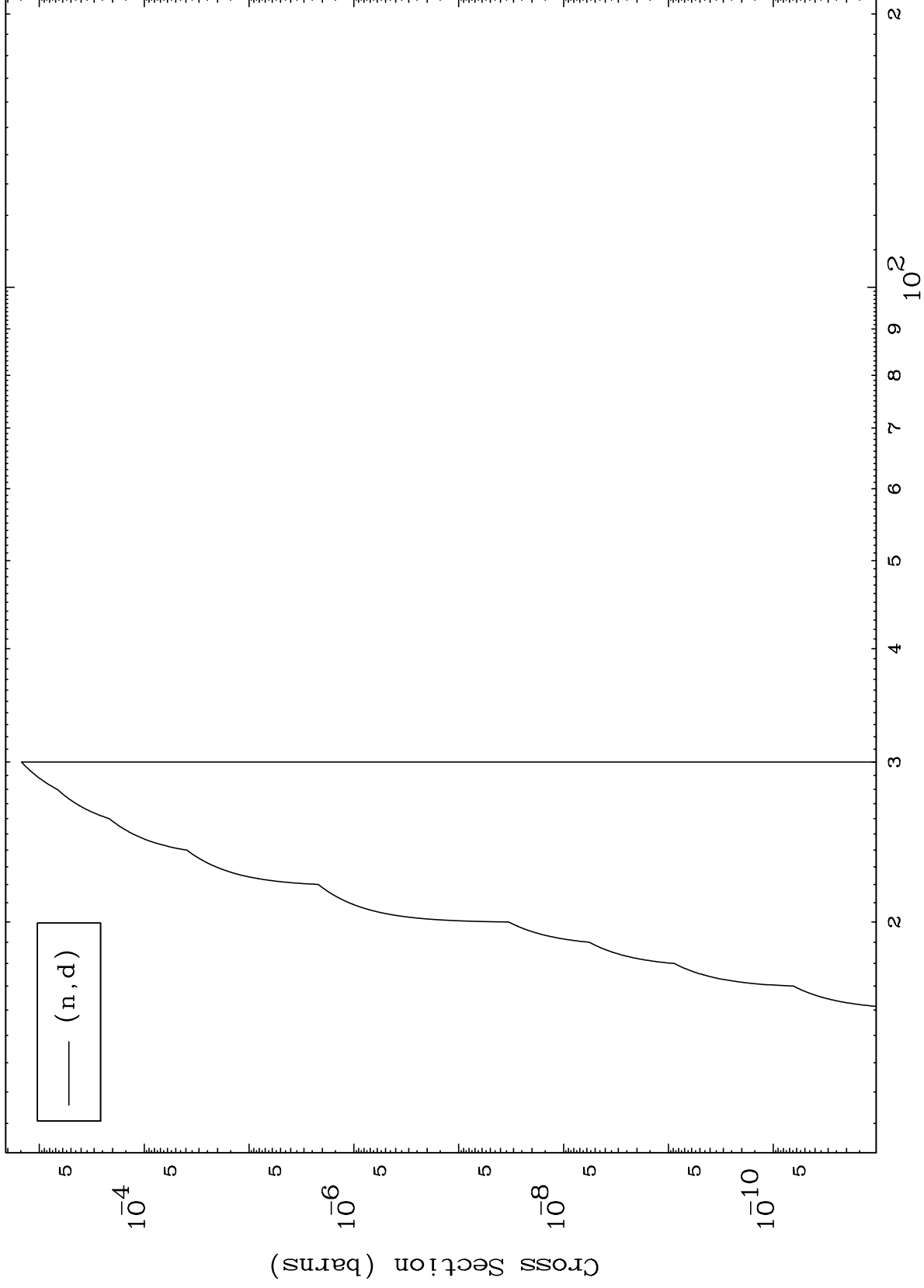
Incident Energy (MeV)

71-Lu-166n

MAT 7100

(α, d) Levels
0 Kelvin Cross Sections

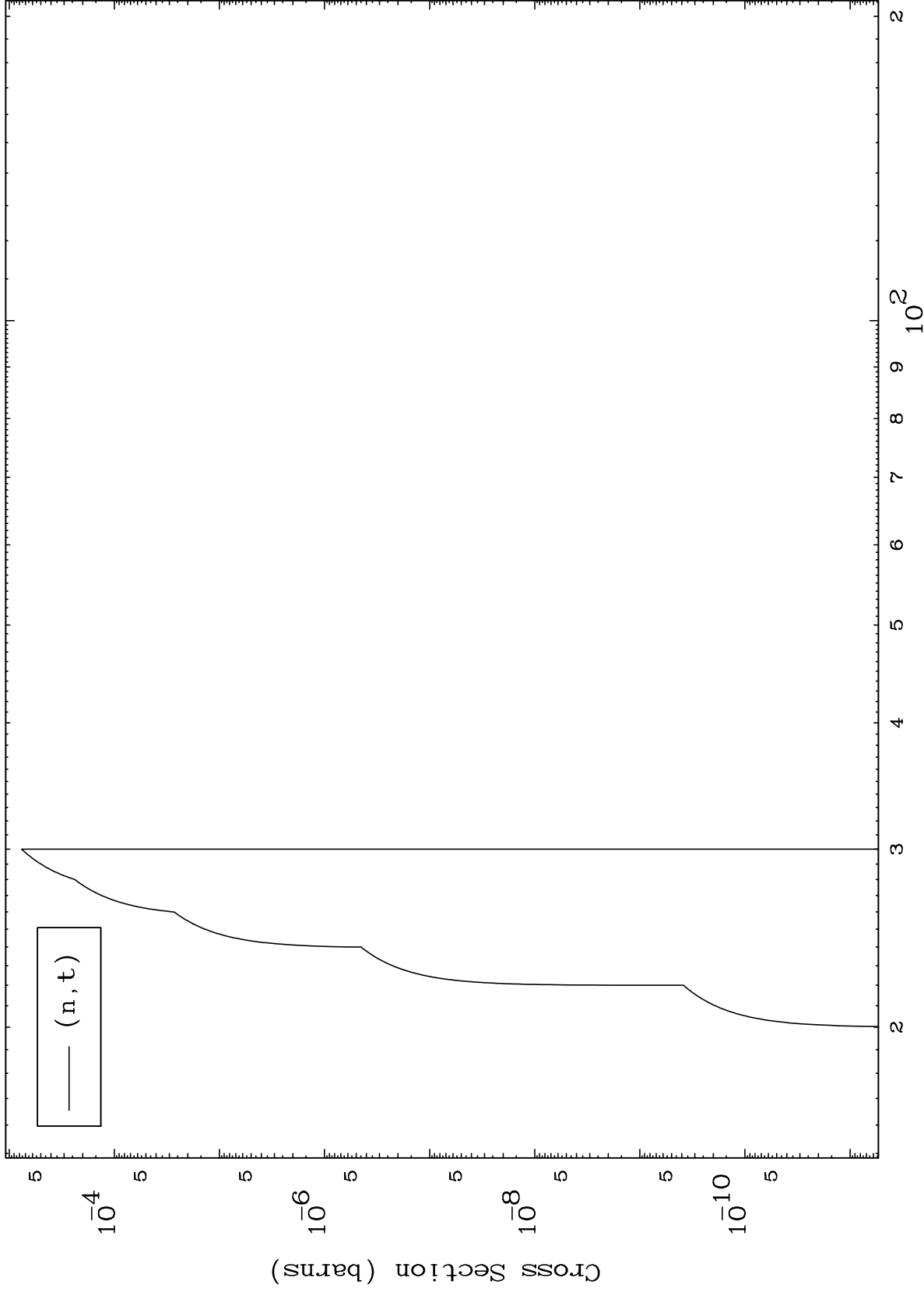
$^{71}\text{Lu-166n}$

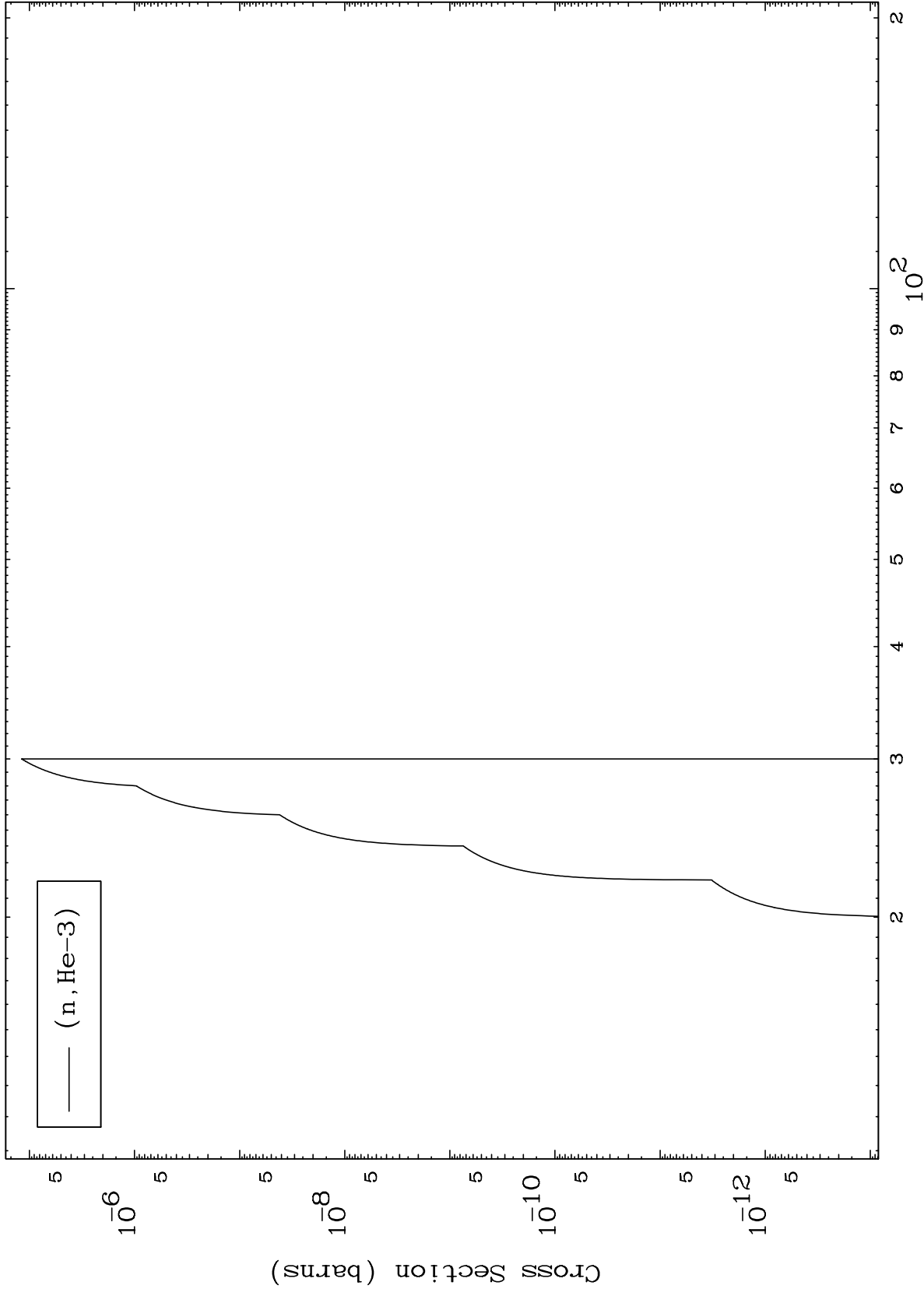


7

Incident Energy (MeV)

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

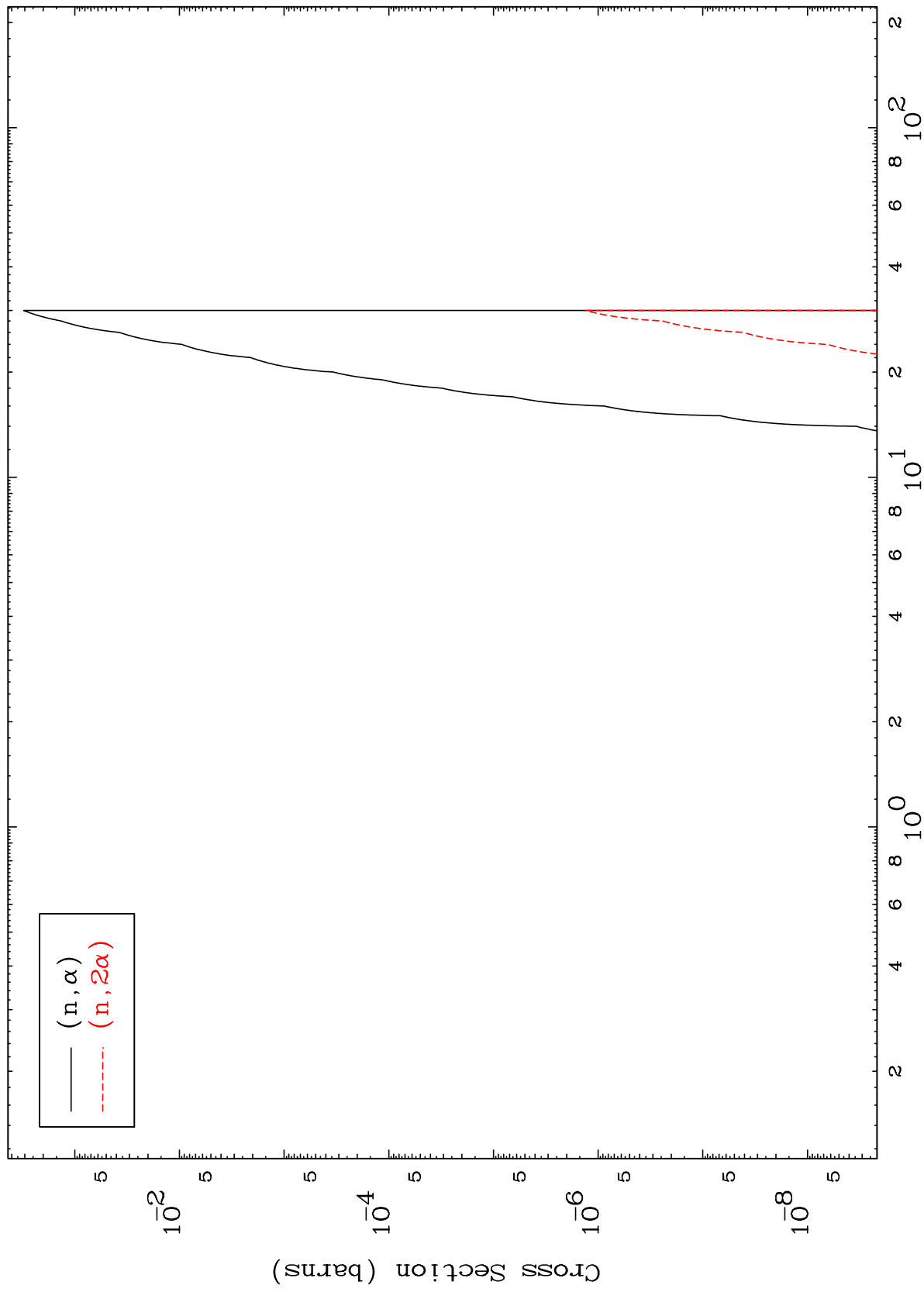




MAT 7100

(α, α) Levels
0 Kelvin Cross Sections

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



10

Incident Energy (MeV)

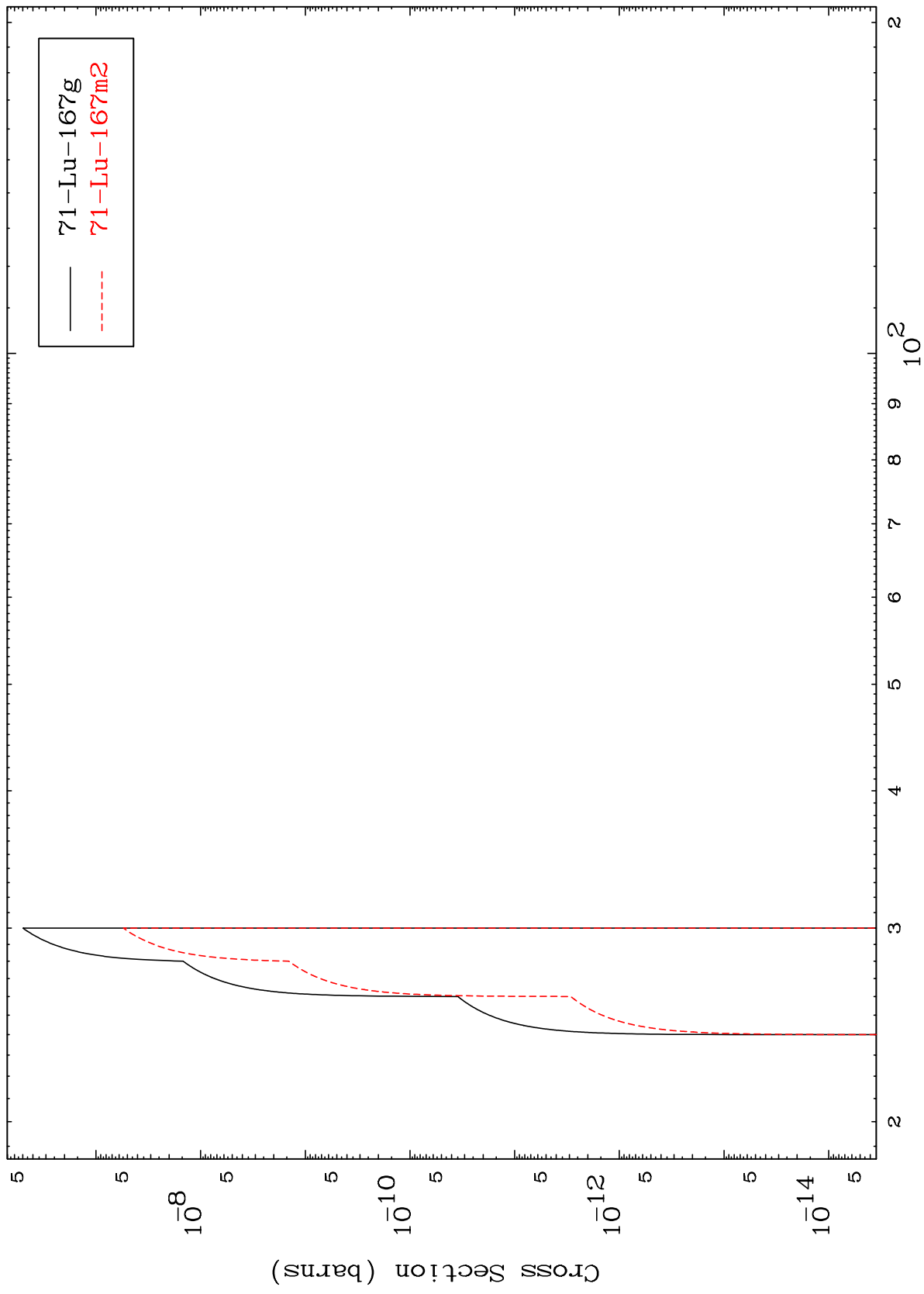
$^{71}\text{Lu-166n}$

MAT 7100

(n,2n) p

⁷¹Lu-166n

Radionuclide Production Cross Section



11

Incident Energy (MeV)

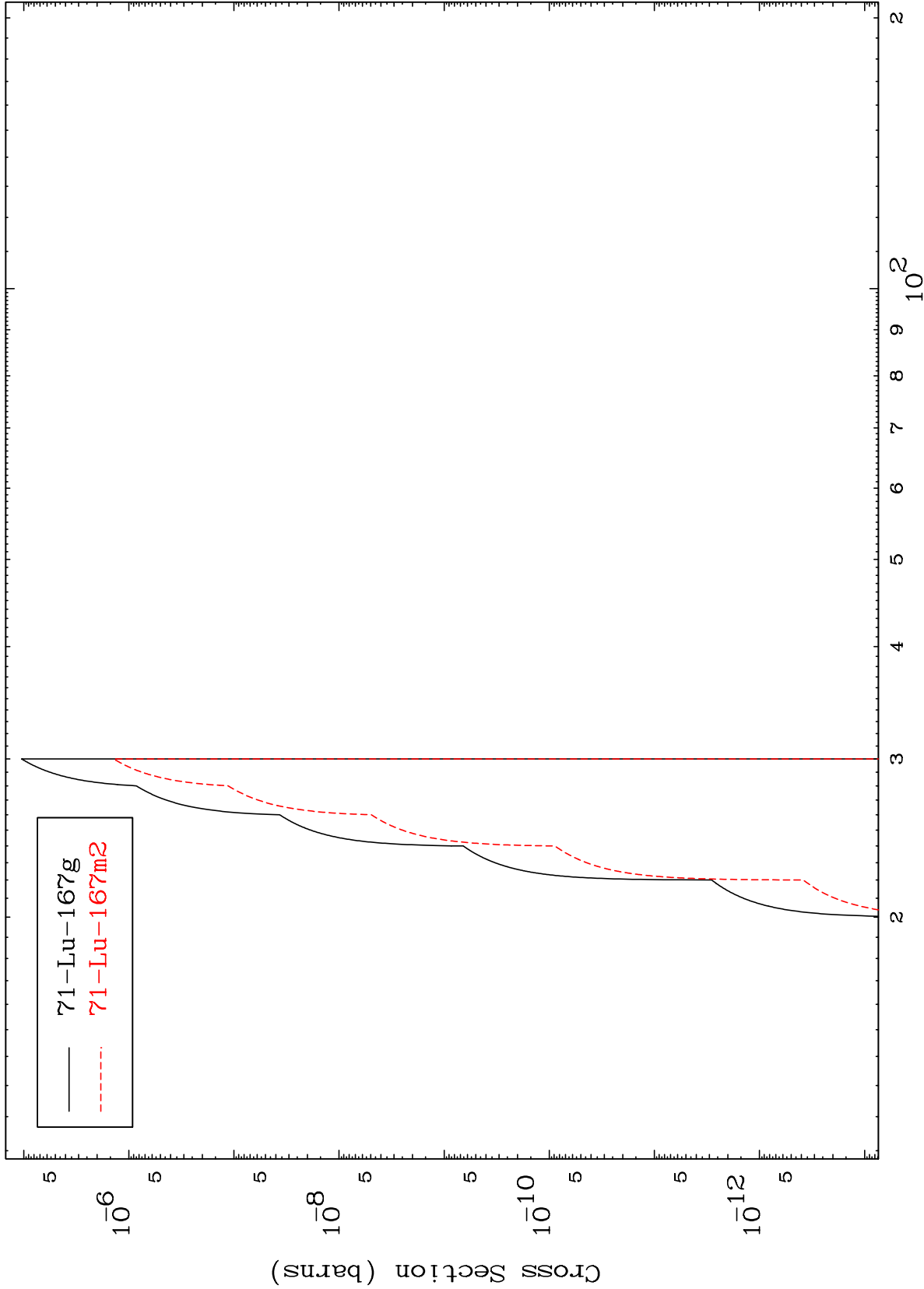
⁷¹Lu-166n

MAT 7100

(n,He-3)

⁷¹Lu-166n

Radionuclide Production Cross Section



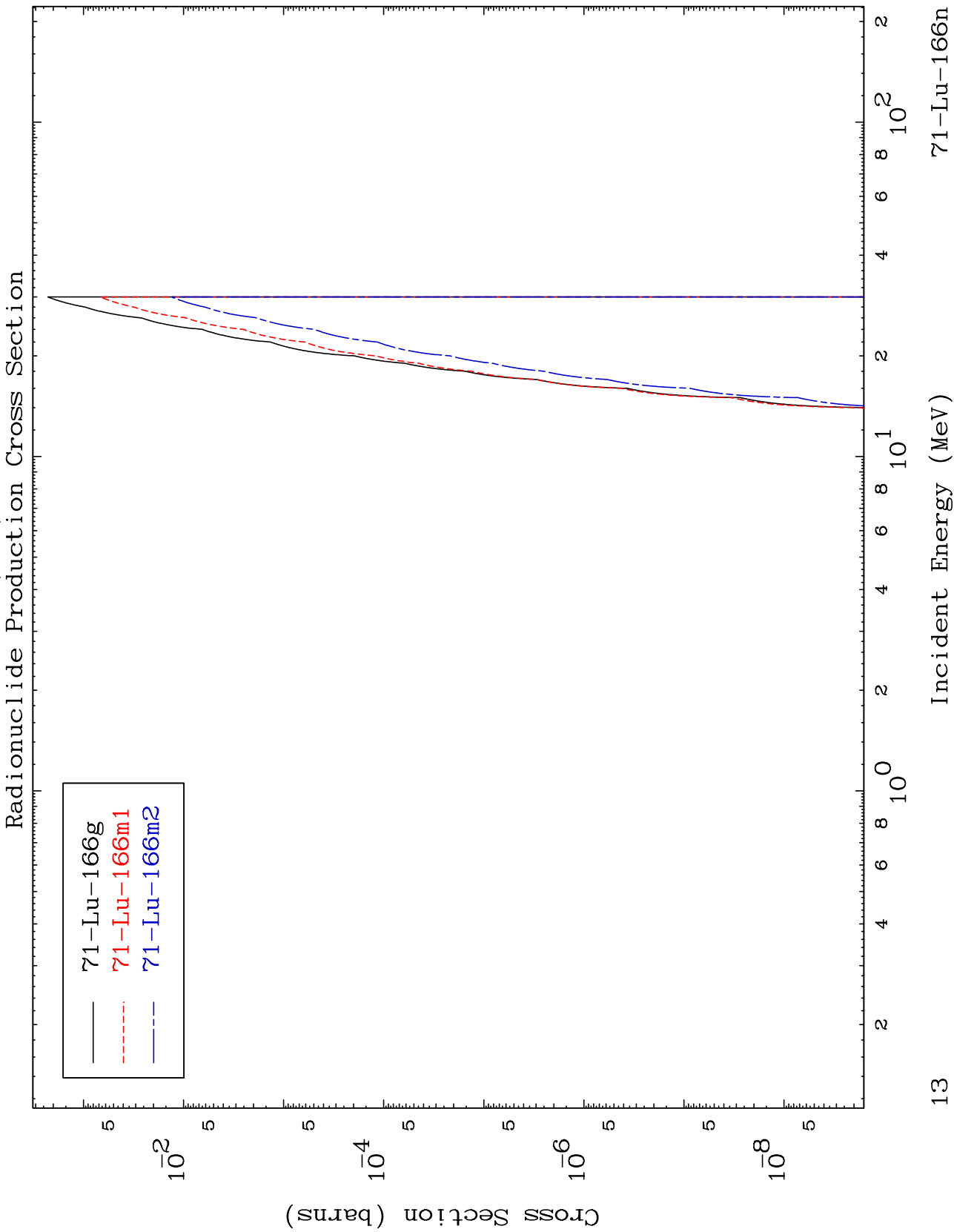
12

Incident Energy (MeV)

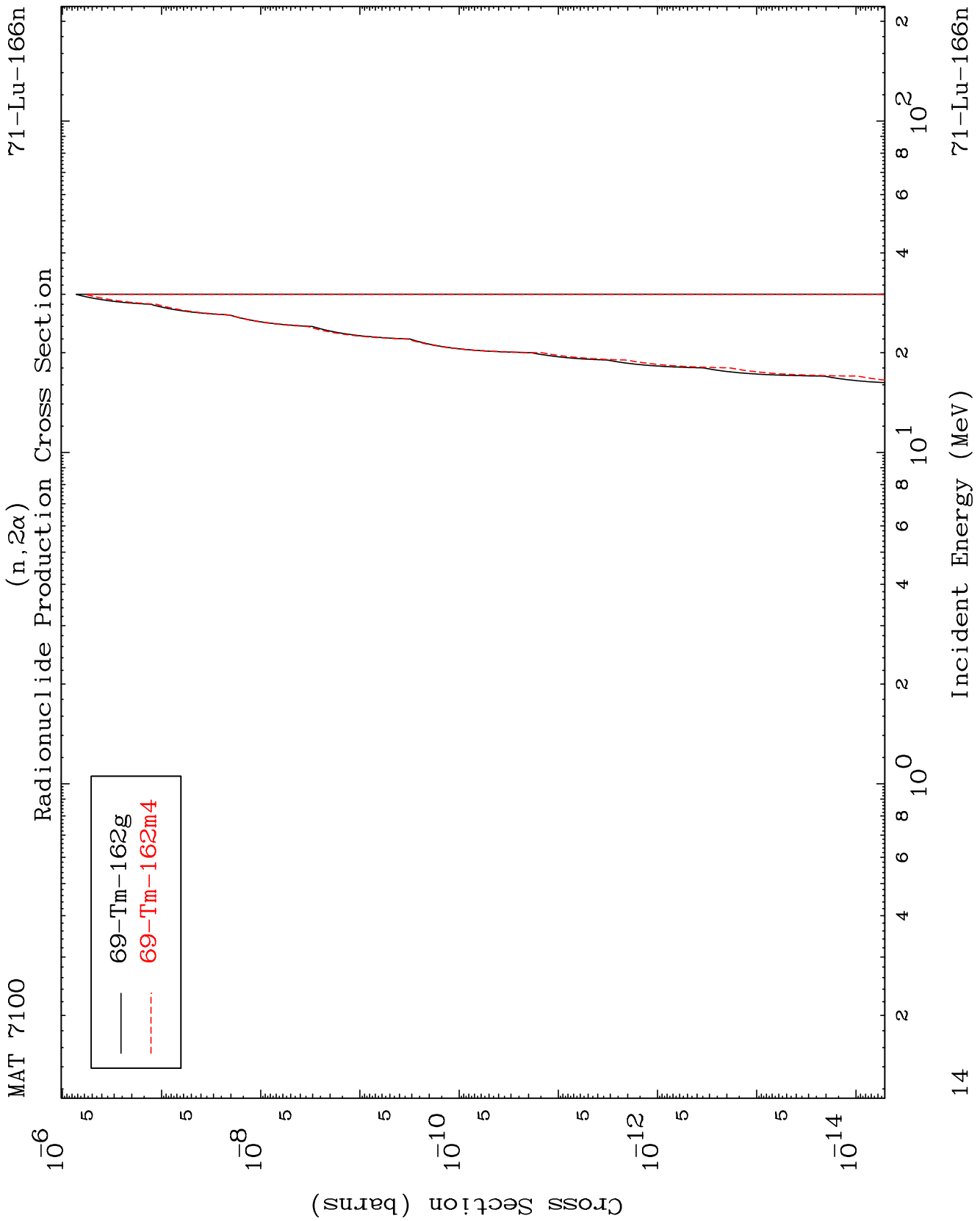
⁷¹Lu-166n

MAT 7100

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



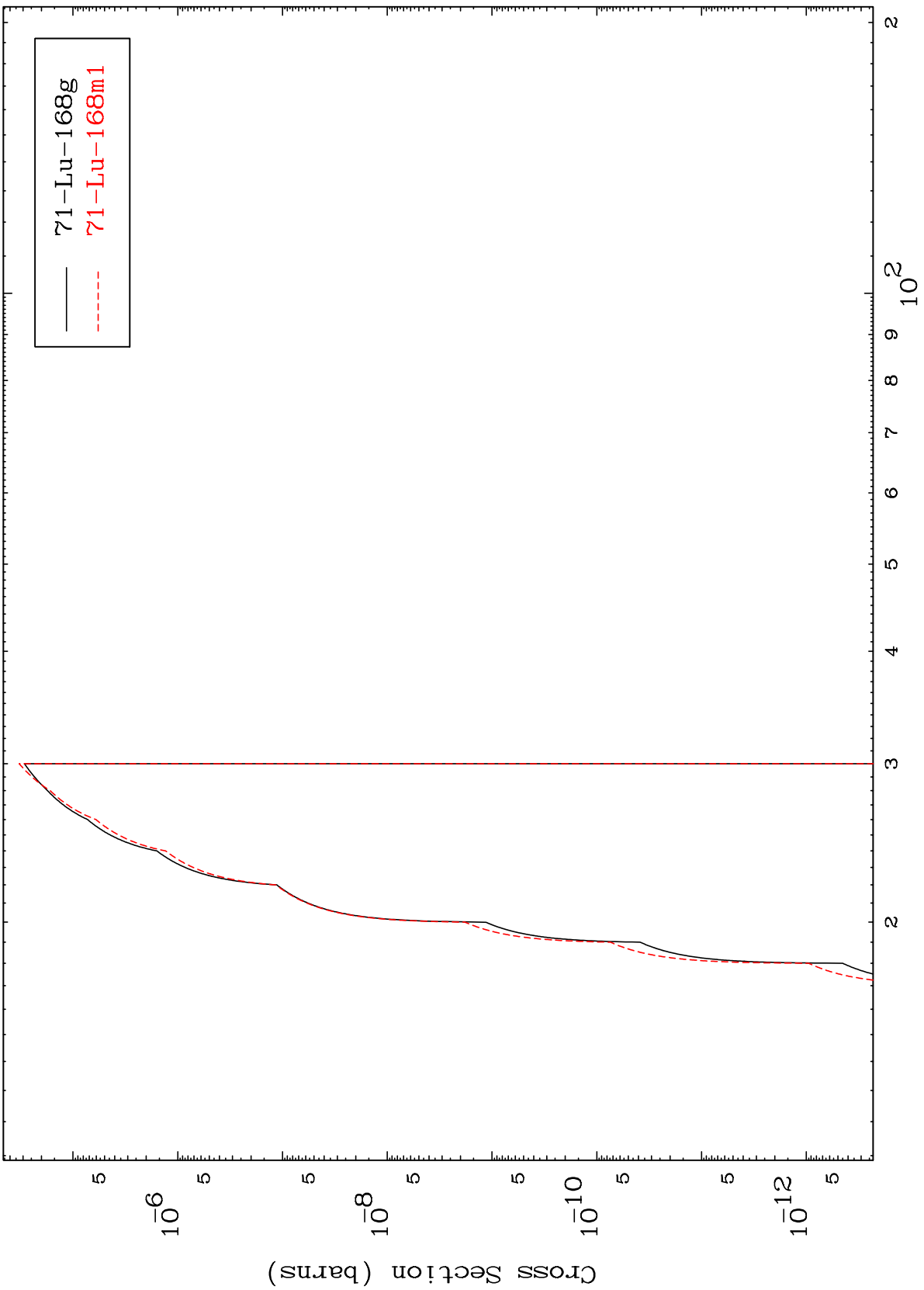
Legend:
— $^{71}\text{Lu-166g}$
- - $^{71}\text{Lu-166m1}$
- - $^{71}\text{Lu-166m2}$



MAT 7100

⁷¹Lu-166n

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷¹Lu-166n

