

Program EVALPLOT
(Version 2021-1)

by

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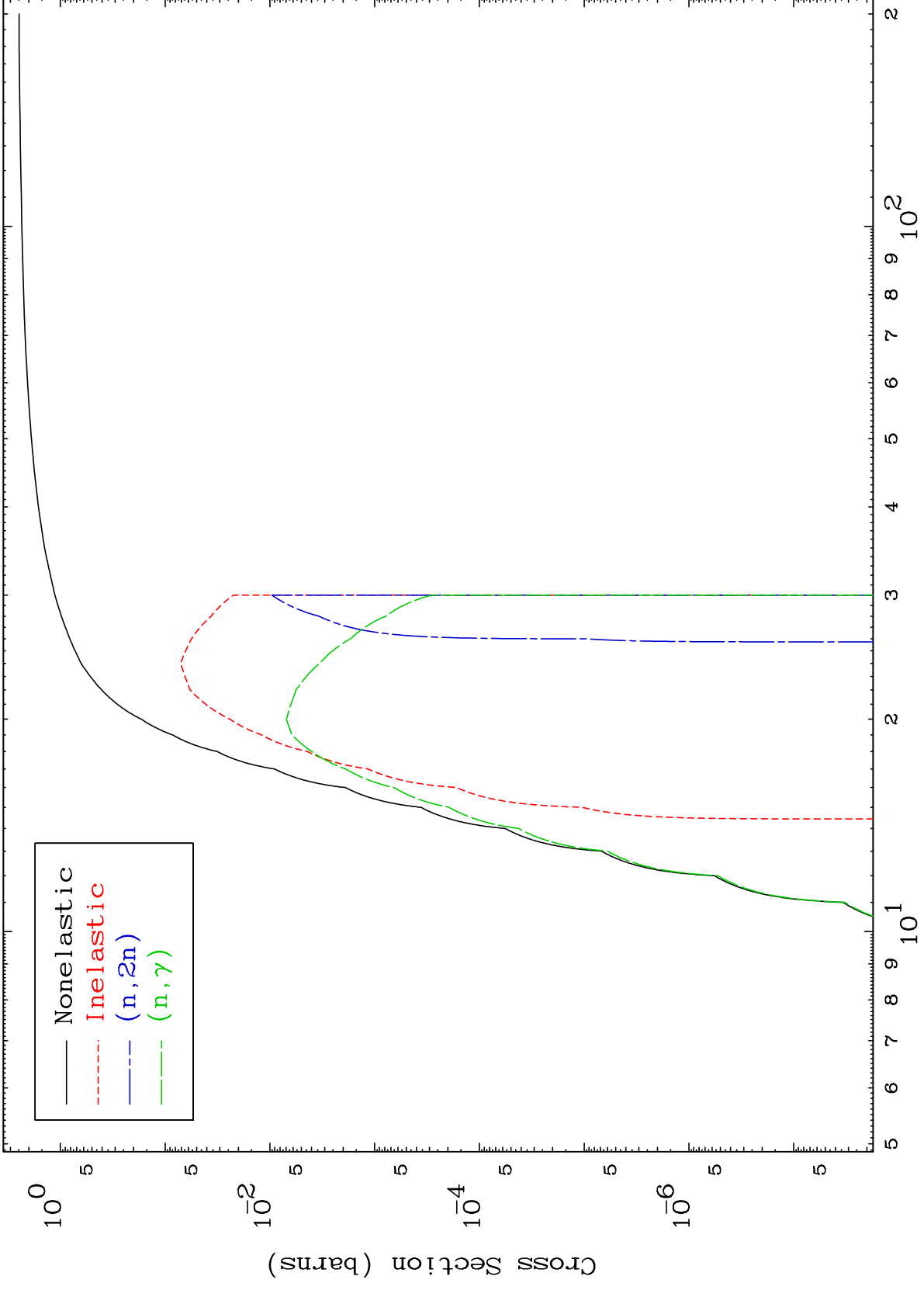
Press Mouse Button to Start

MAT 7074

α Major

71-Lu-158

0 Kelvin Cross Sections

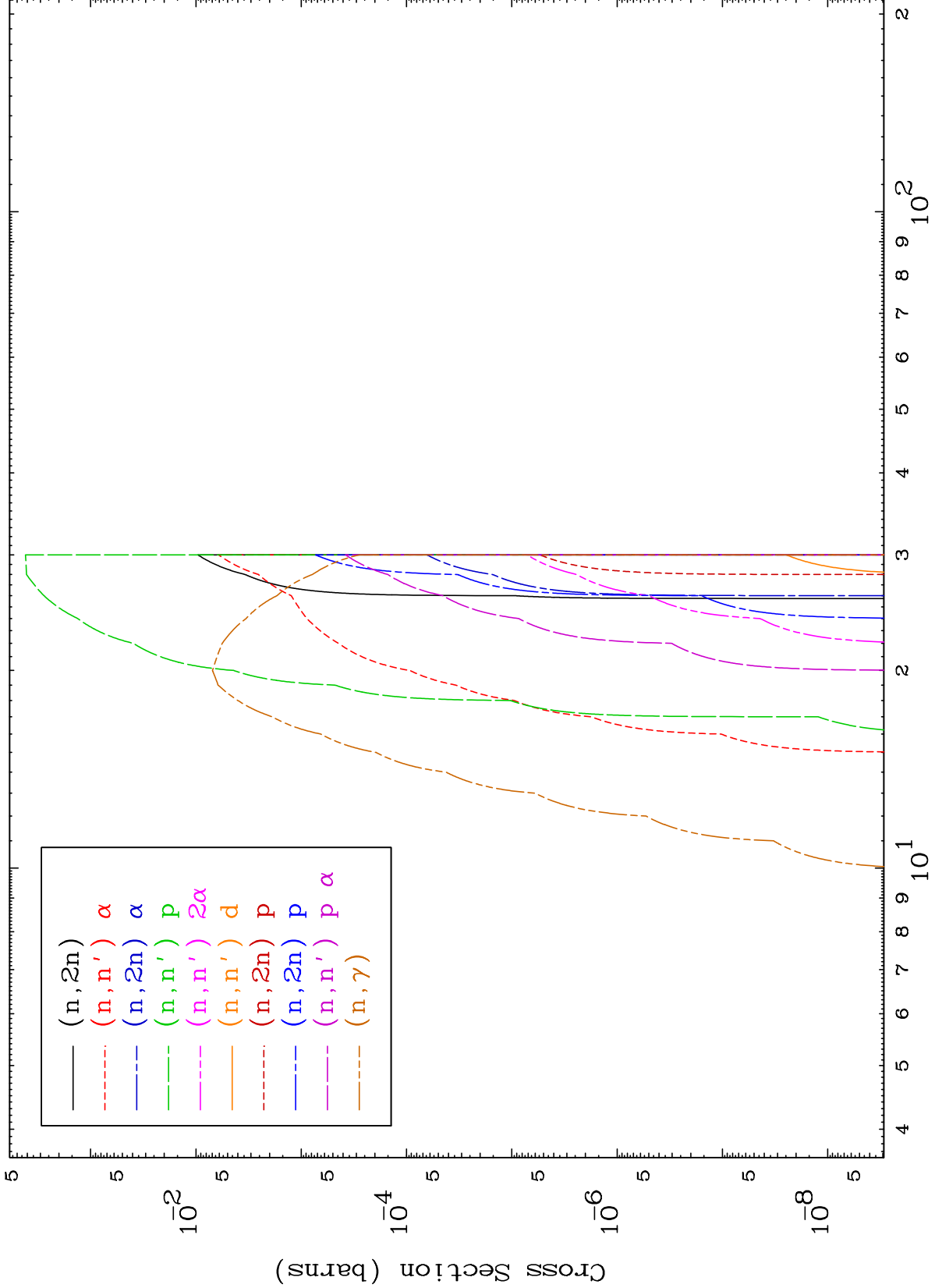


Legend:
— Nonelastic
- - - Inelastic
- - - $(n, 2n)$
- - - (n, γ)

1

Incident Energy (MeV)

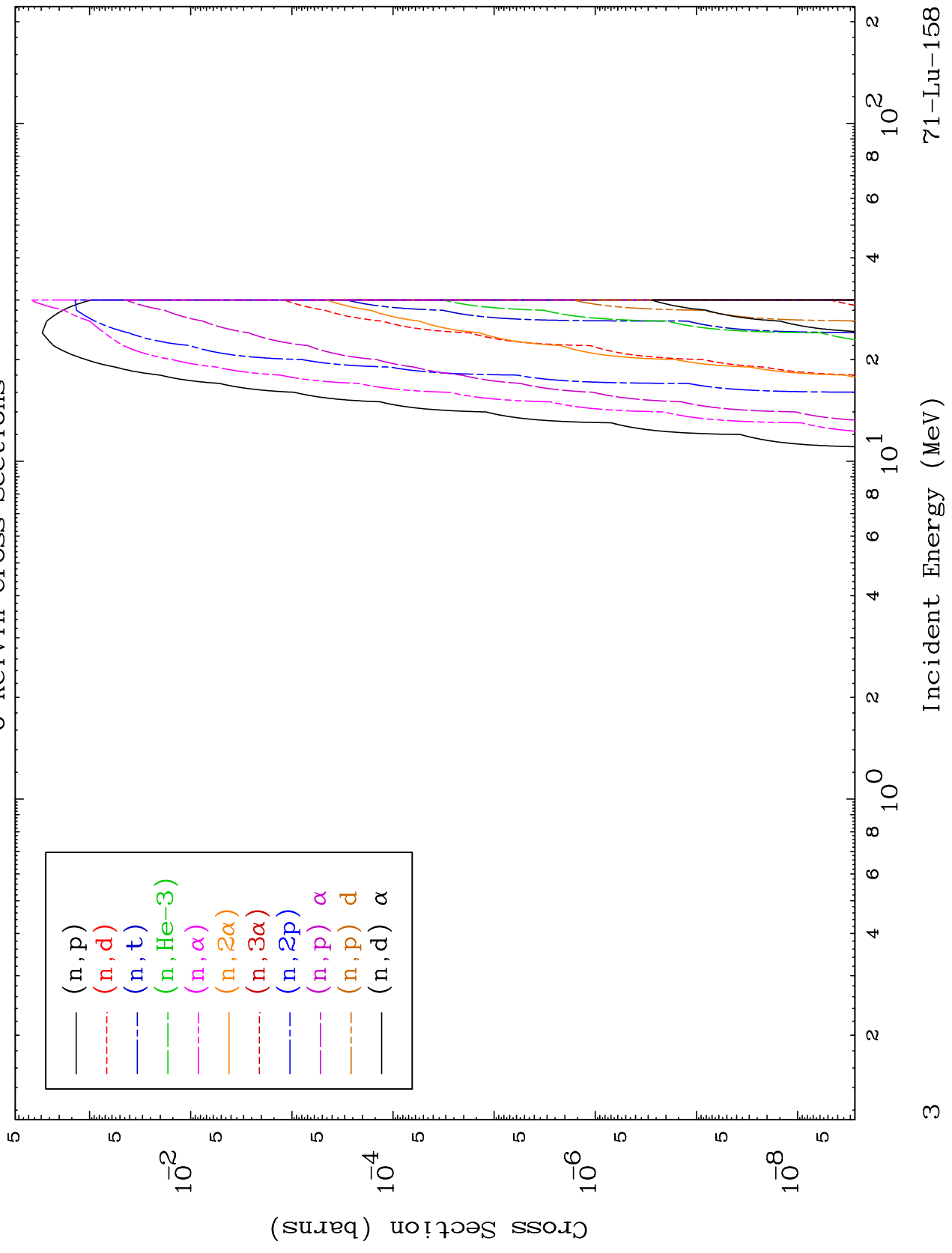
71-Lu-158

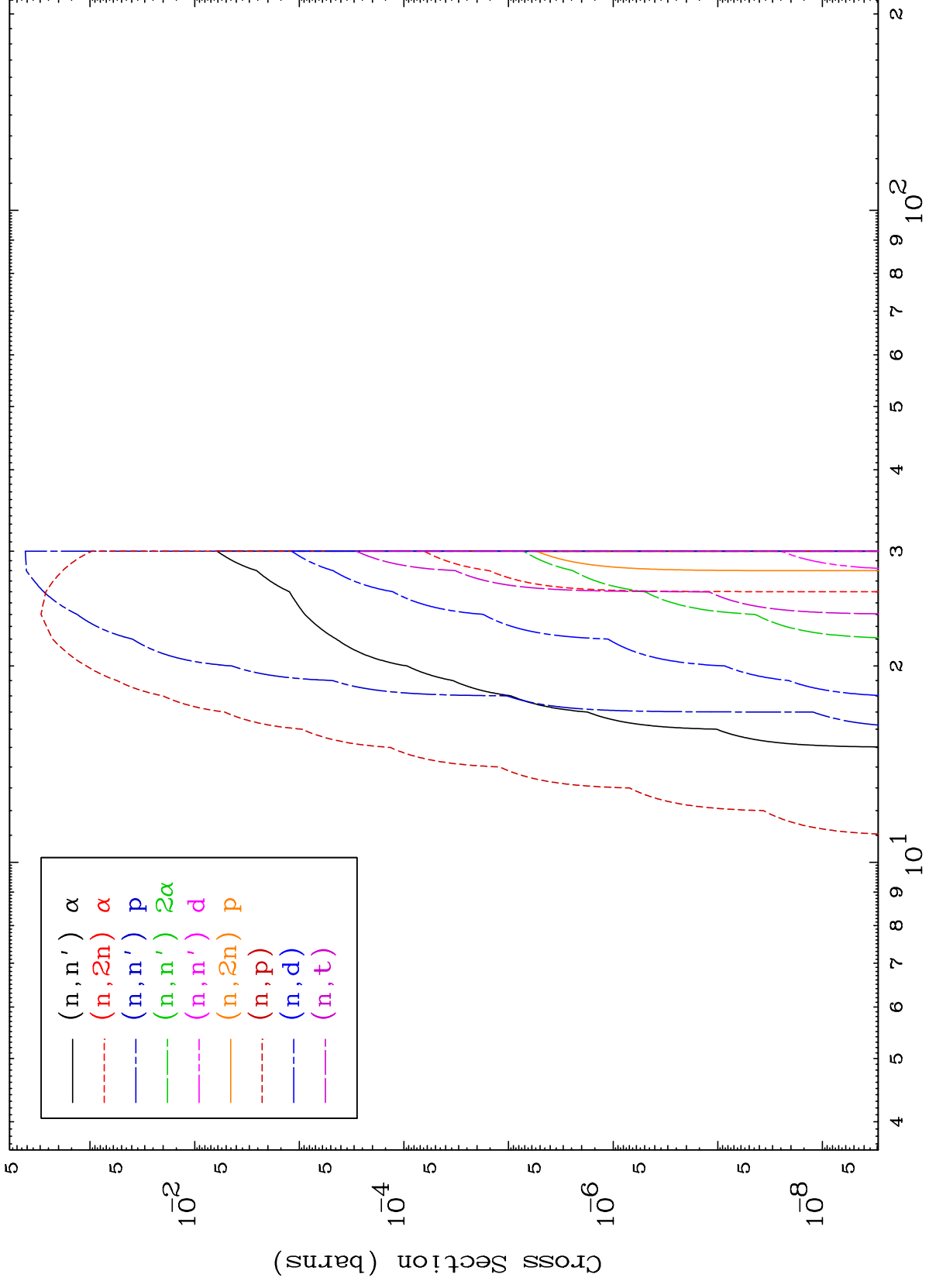


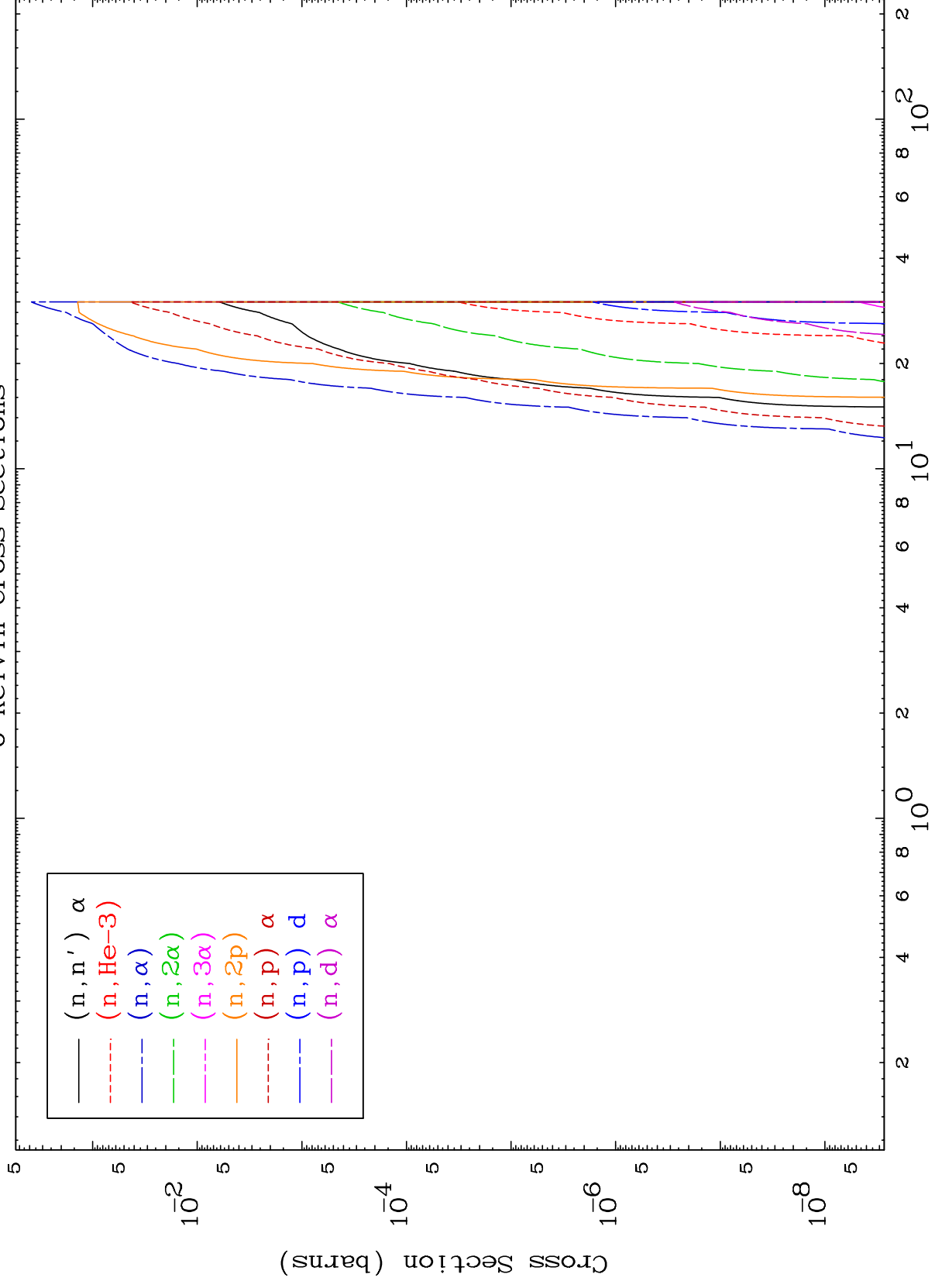
MAT 7074

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-158





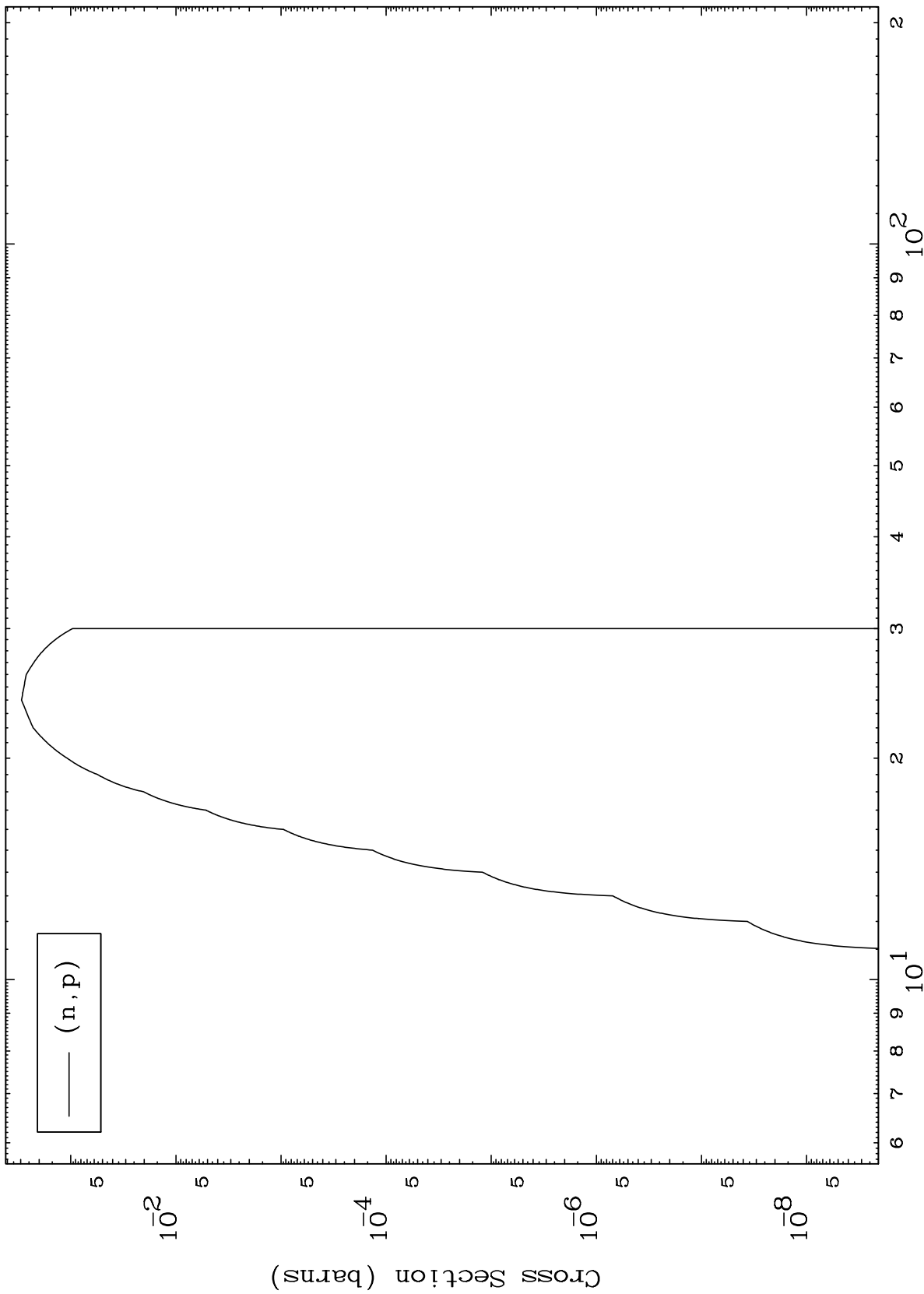


MAT 7074

(α, p) Levels

71-Lu-158

0 Kelvin Cross Sections

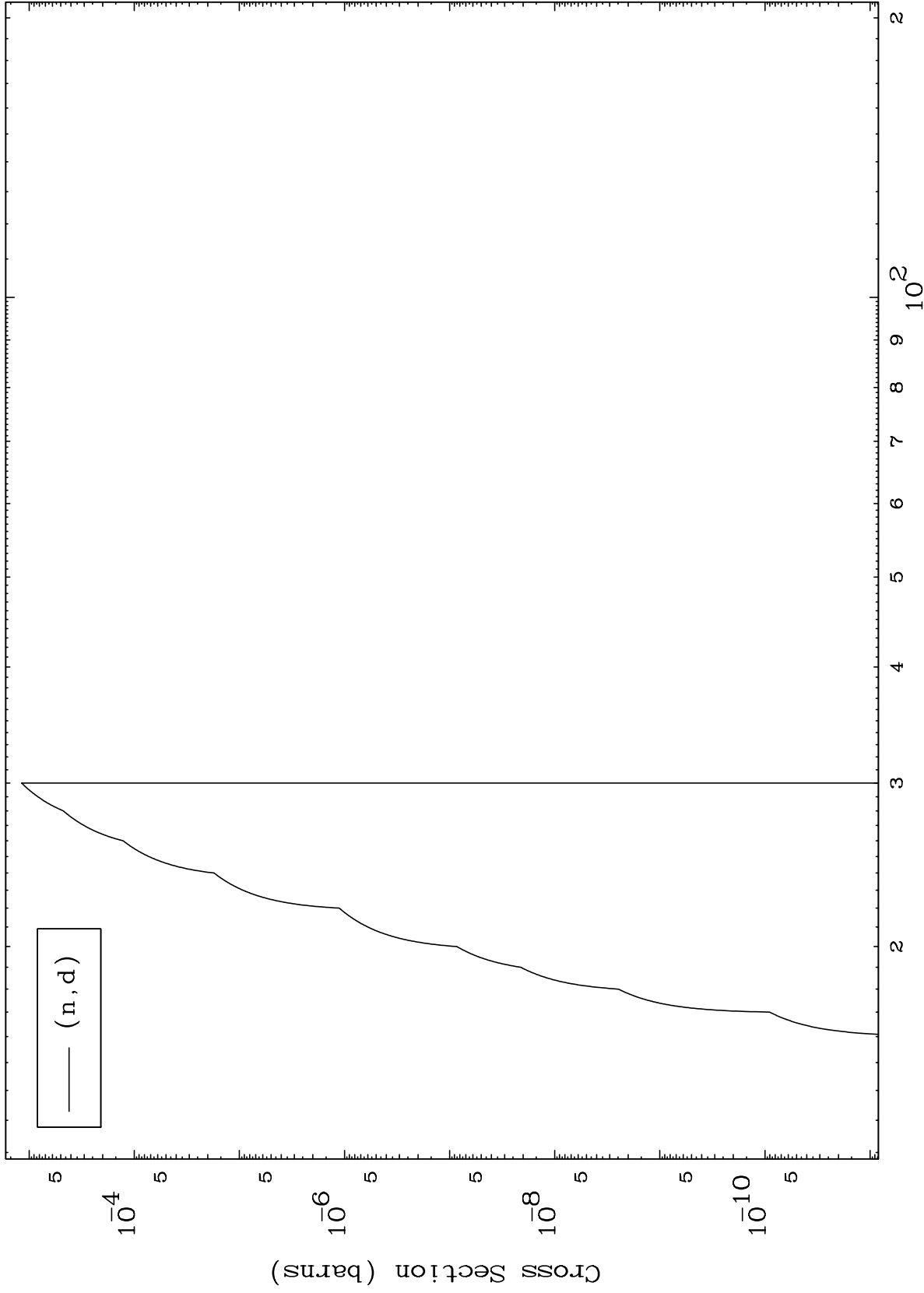


(n, p)

Incident Energy (MeV)

71-Lu-158

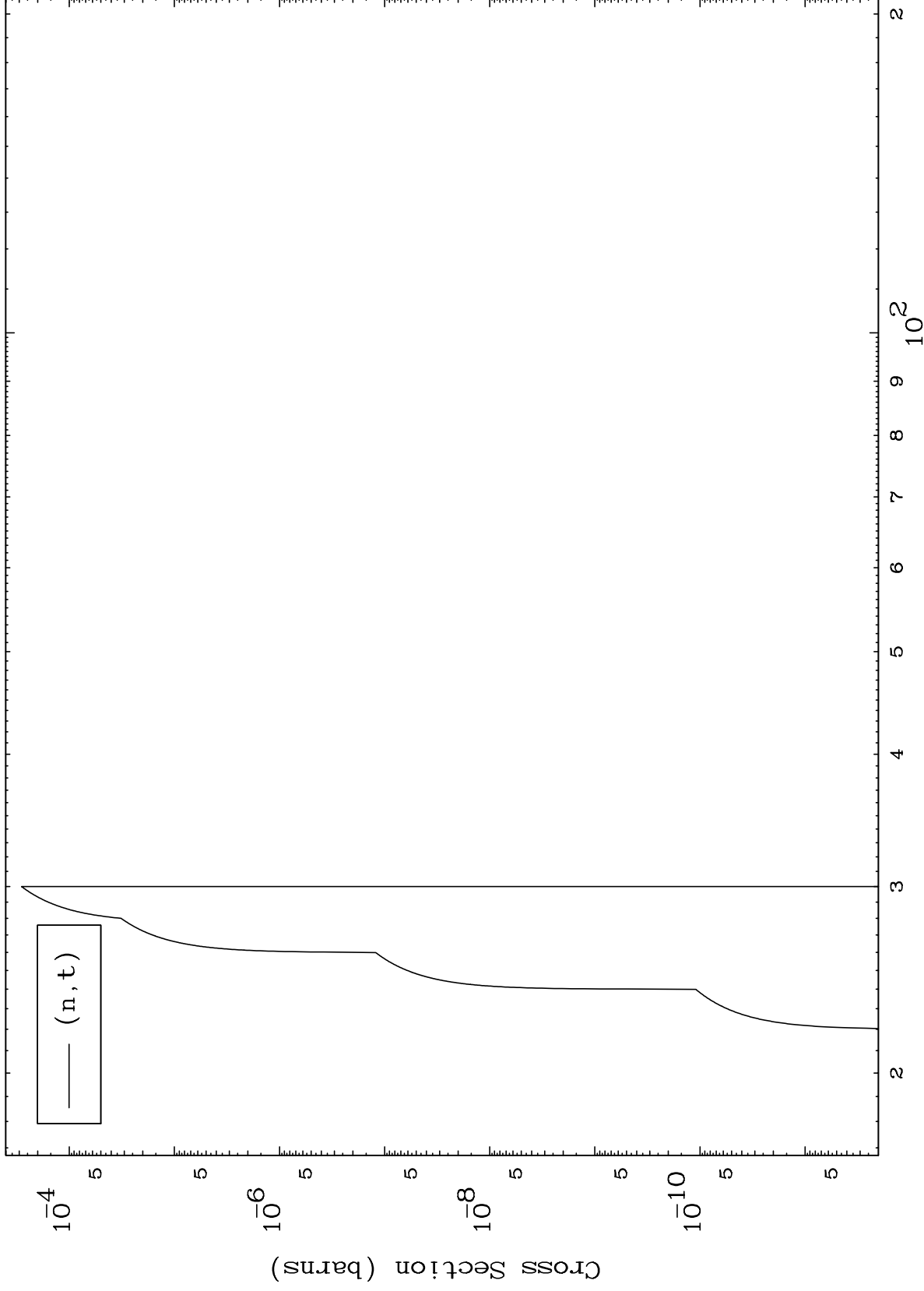
6



MAT 7074

(α, t) Levels
0 Kelvin Cross Sections

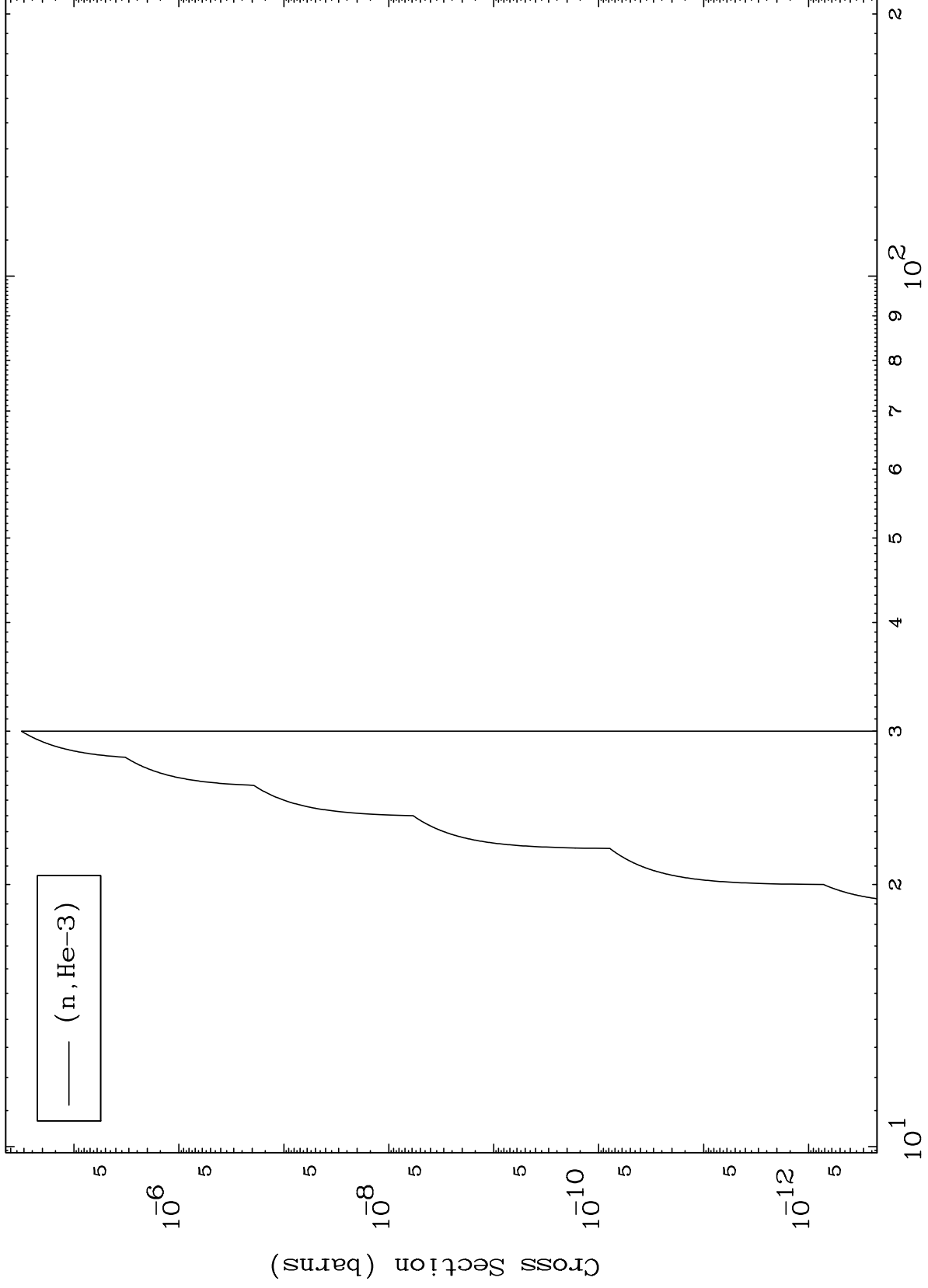
71-Lu-158



MAT 7074

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

71-Lu-158



Incident Energy (MeV)

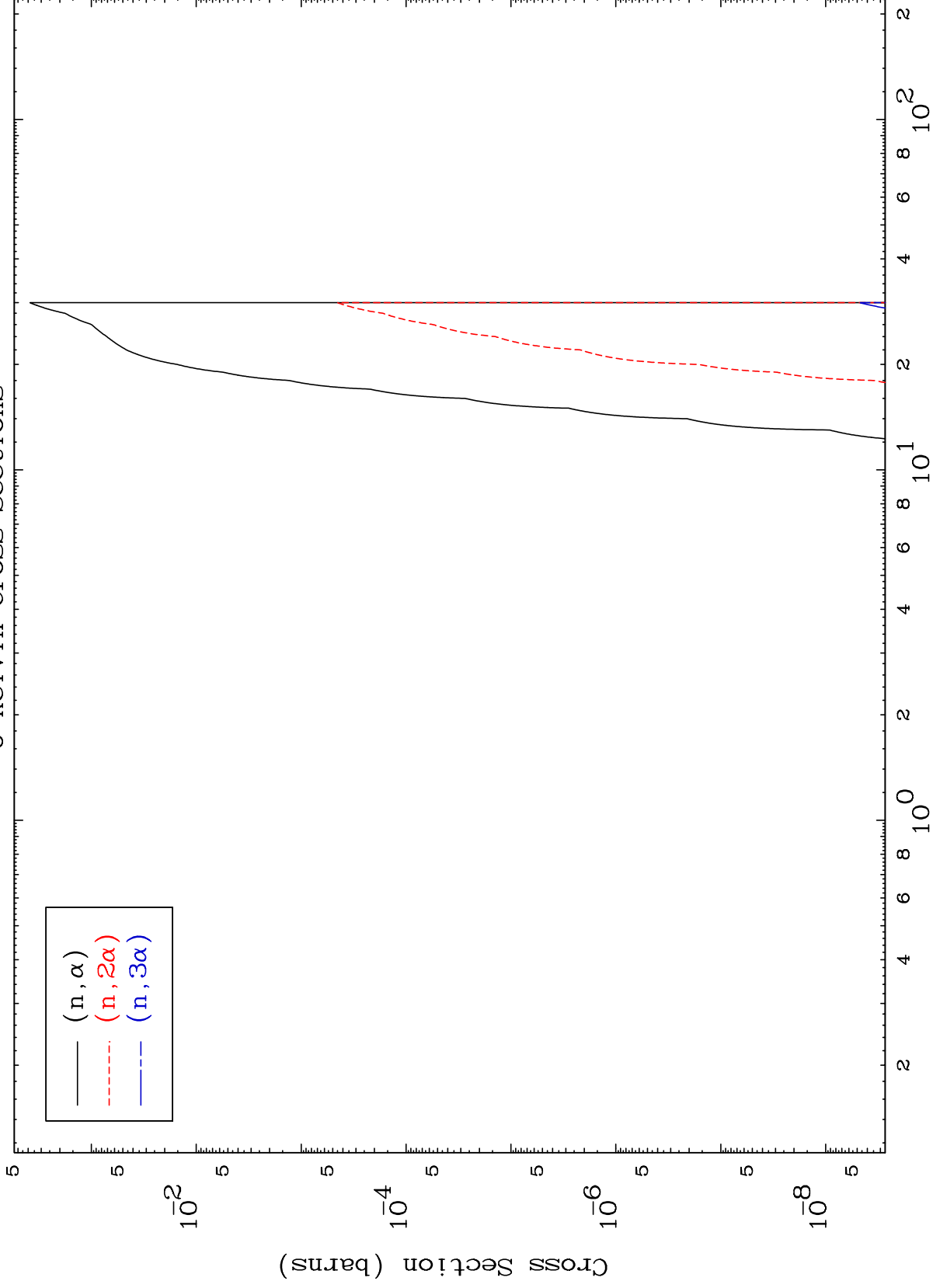
71-Lu-158

MAT 7074

(α, α) Levels

71-Lu-158

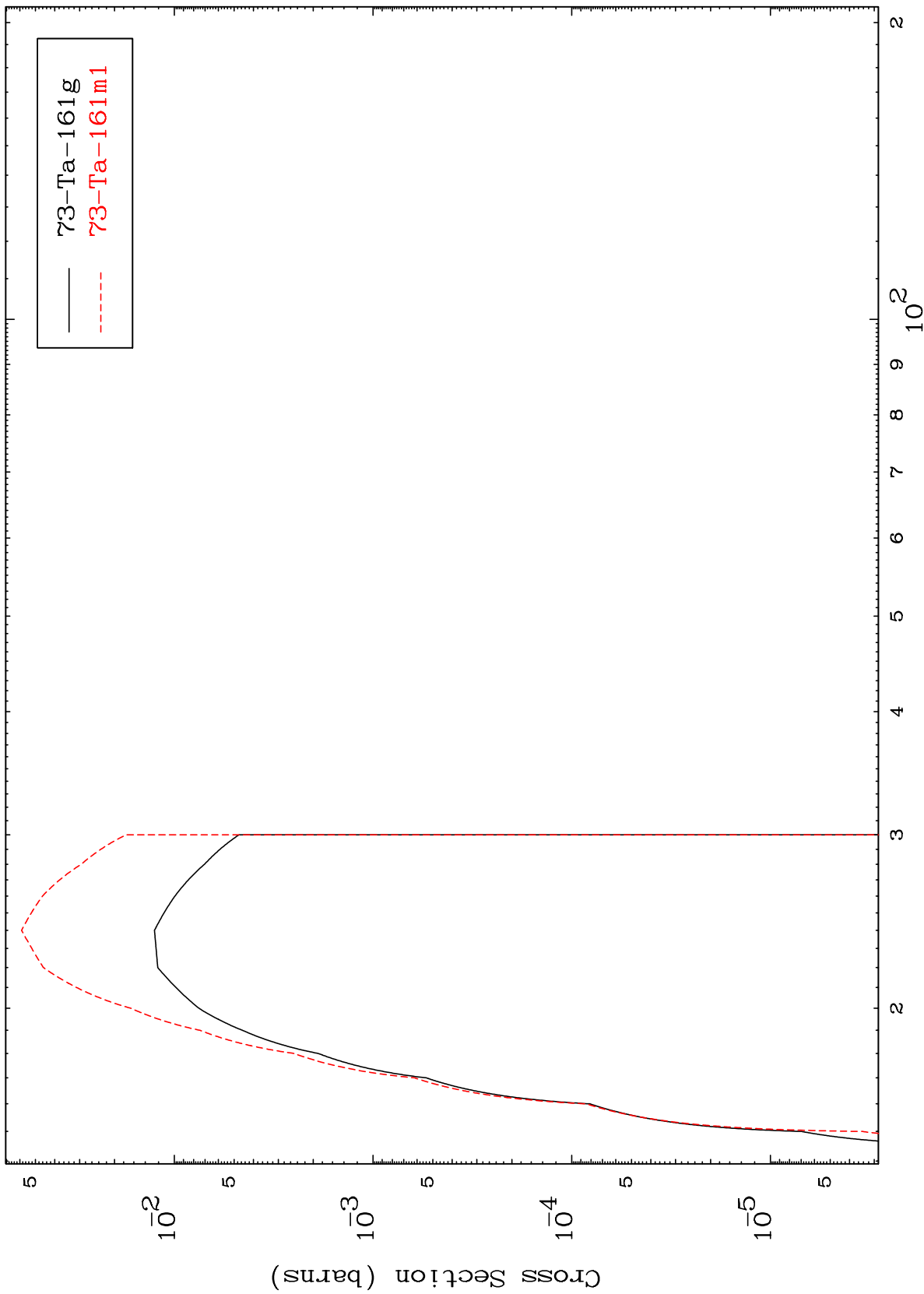
0 Kelvin Cross Sections



10

Incident Energy (MeV)

71-Lu-158

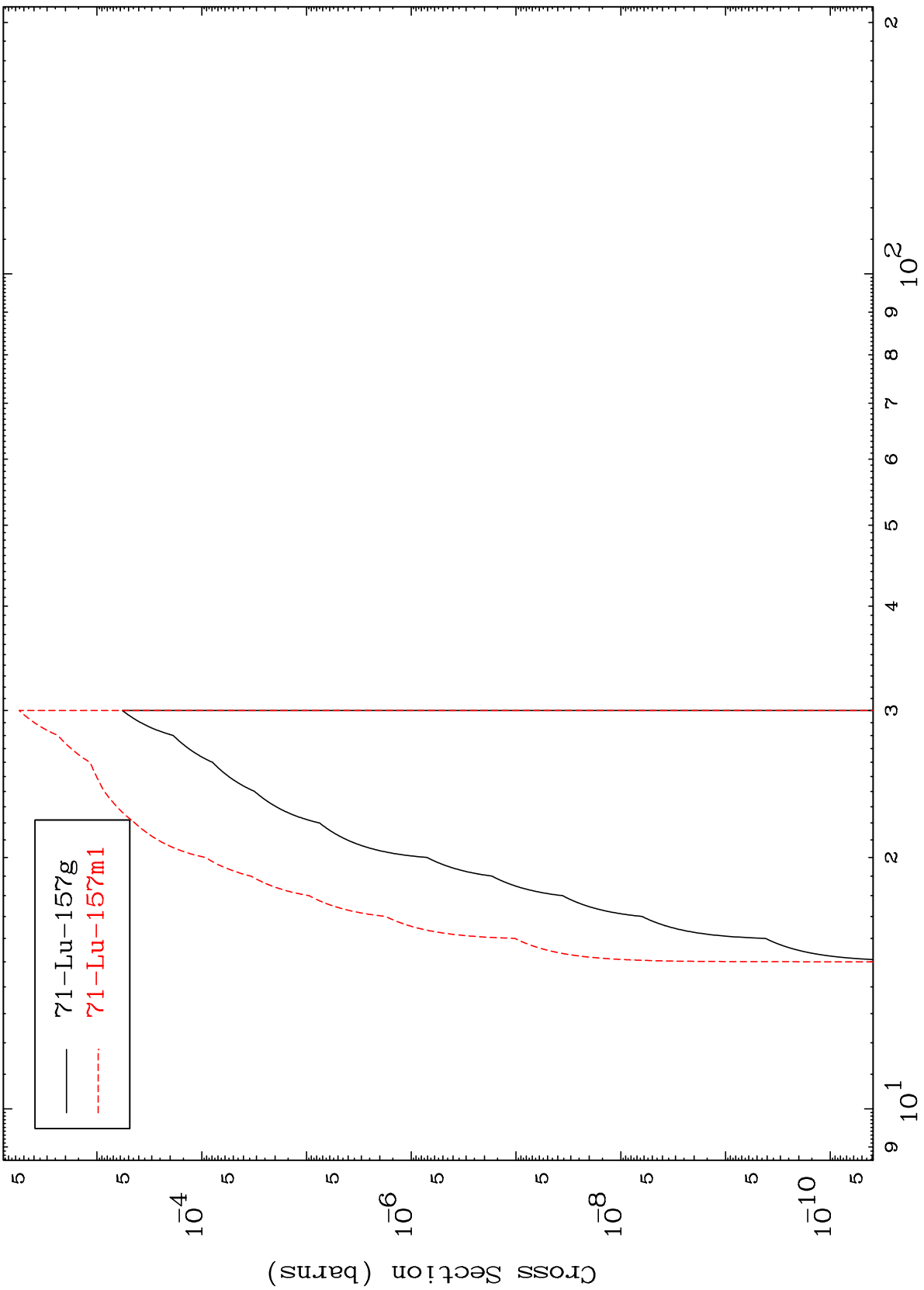


MAT 7074

$(n, n') \alpha$

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

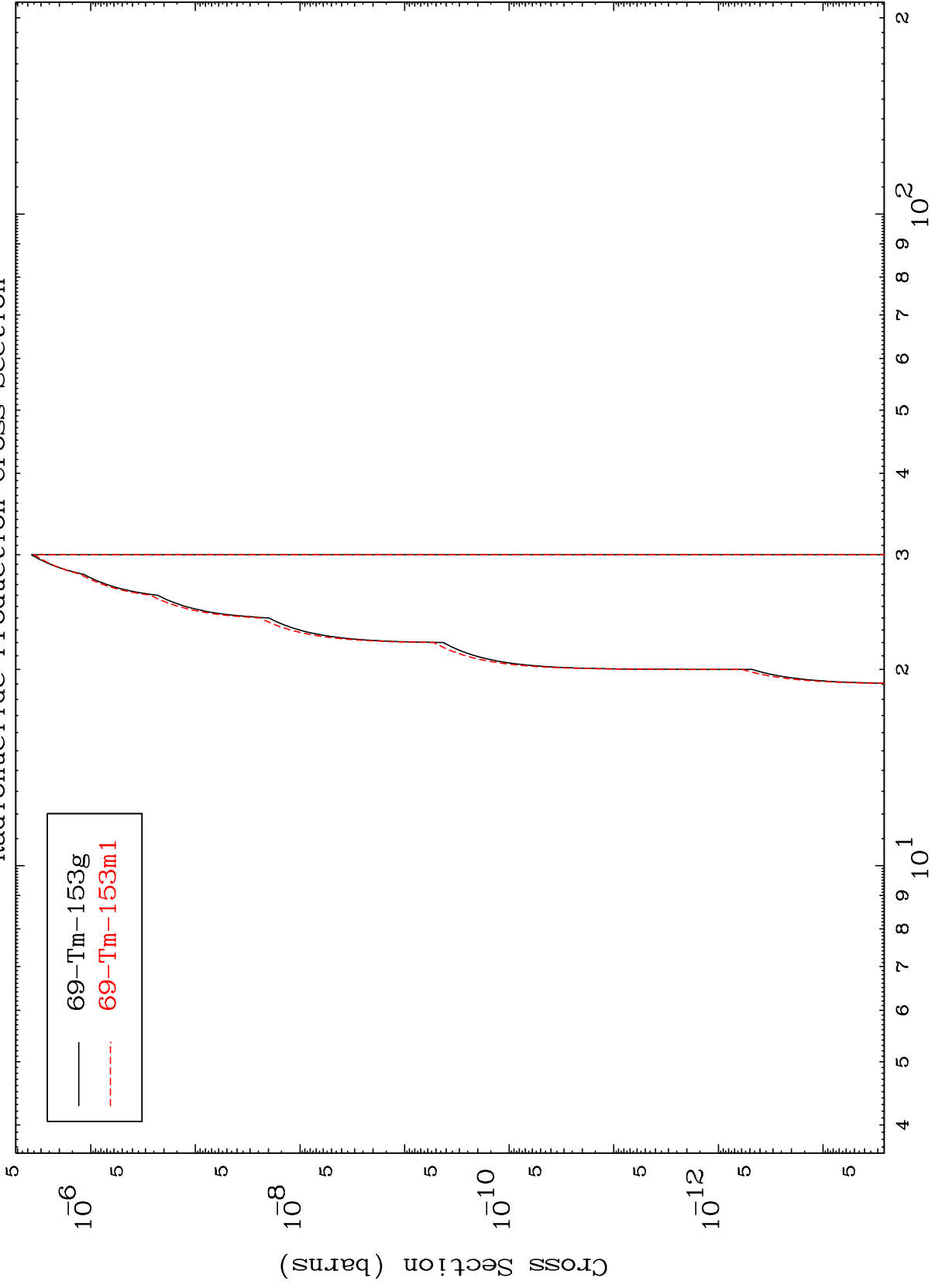
$^{71}\text{Lu-158}$

MAT 7074

(n,n') 2α

71-Lu-158

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

13

Incident Energy (MeV)

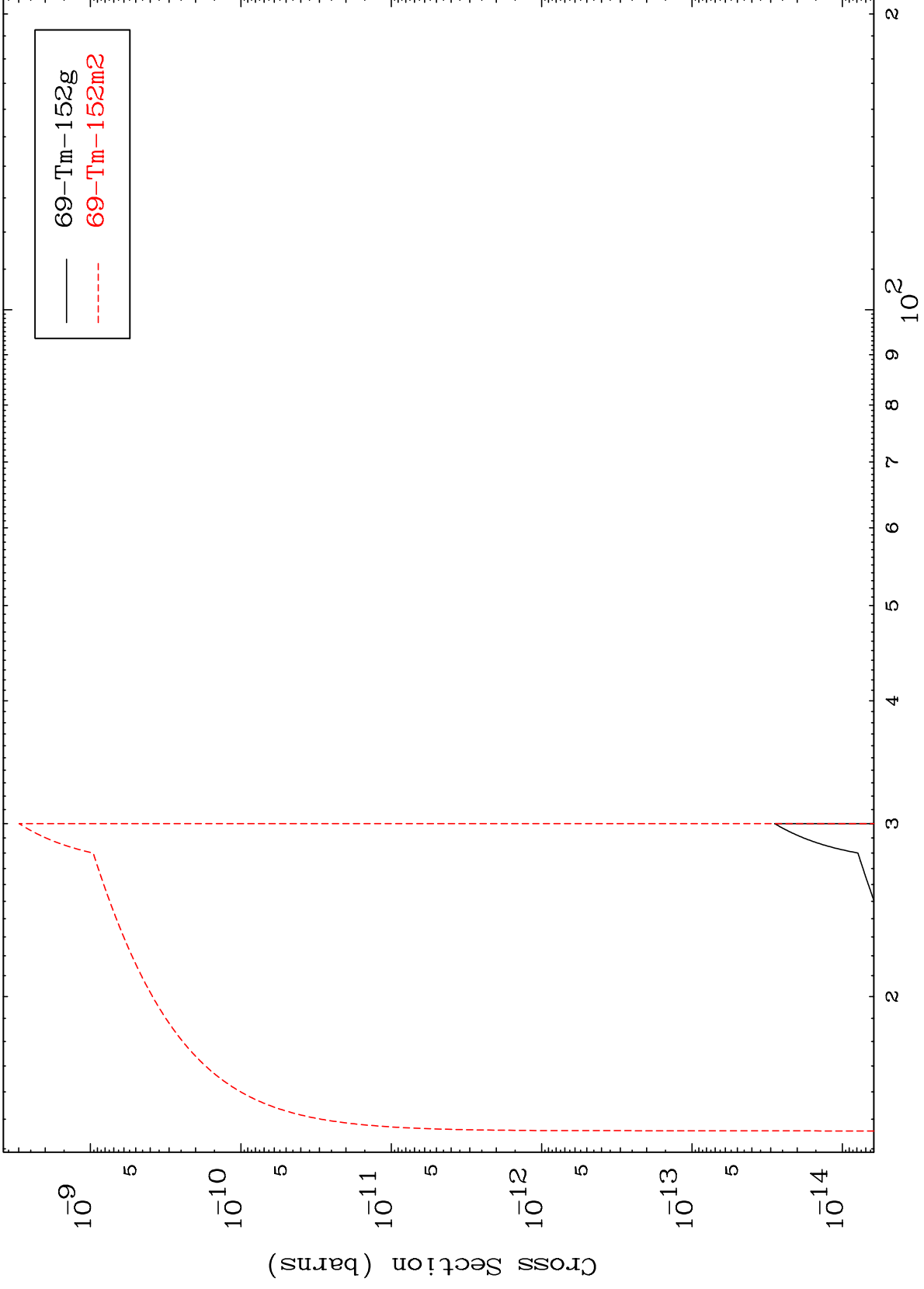
71-Lu-158

MAT 7074

(n,2n) 2α

71-Lu-158

Radionuclide Production Cross Section



14

Incident Energy (MeV)

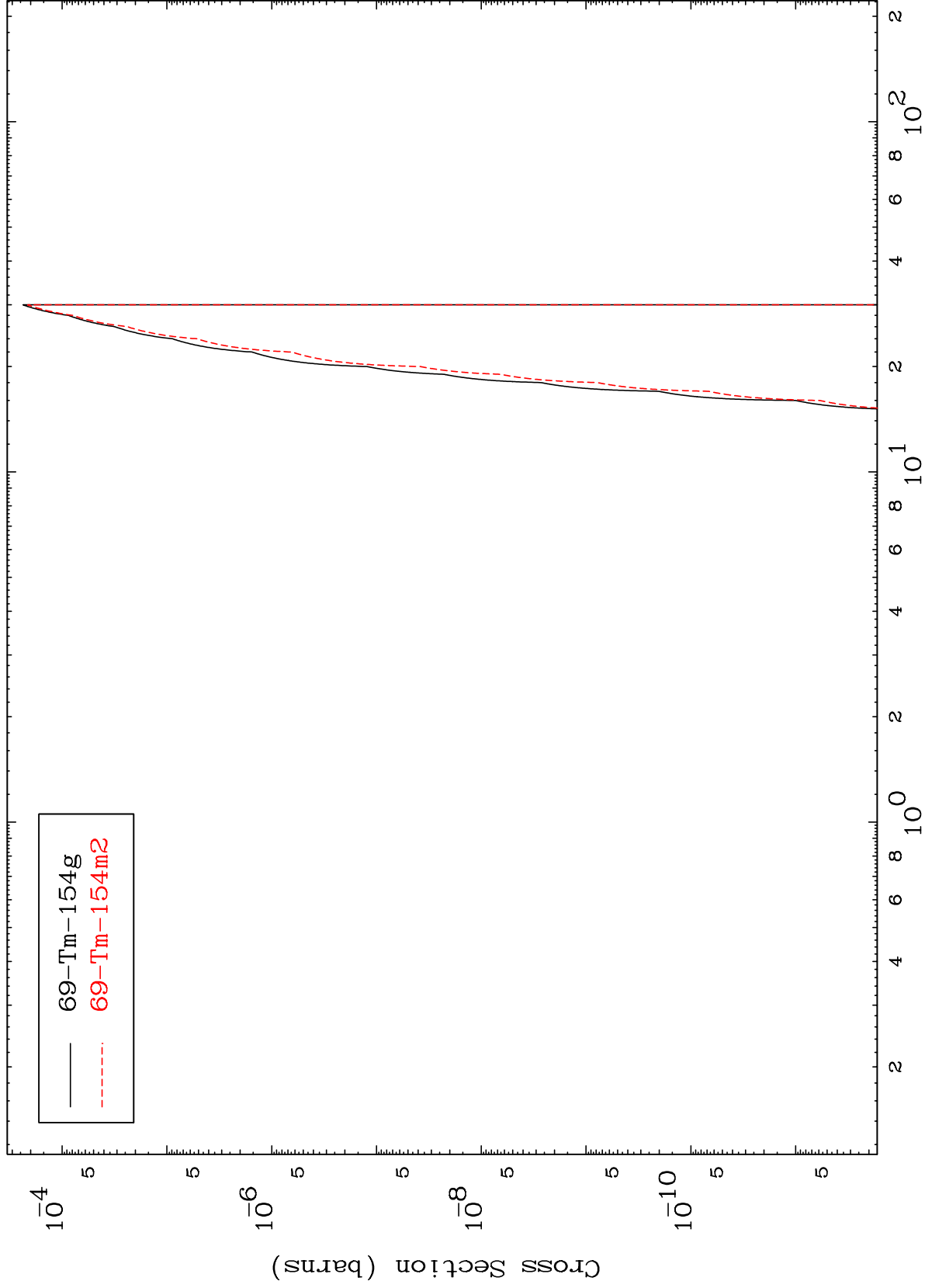
71-Lu-158

MAT 7074

(n,2α)

71-Lu-158

Radionuclide Production Cross Section



15

Incident Energy (MeV)

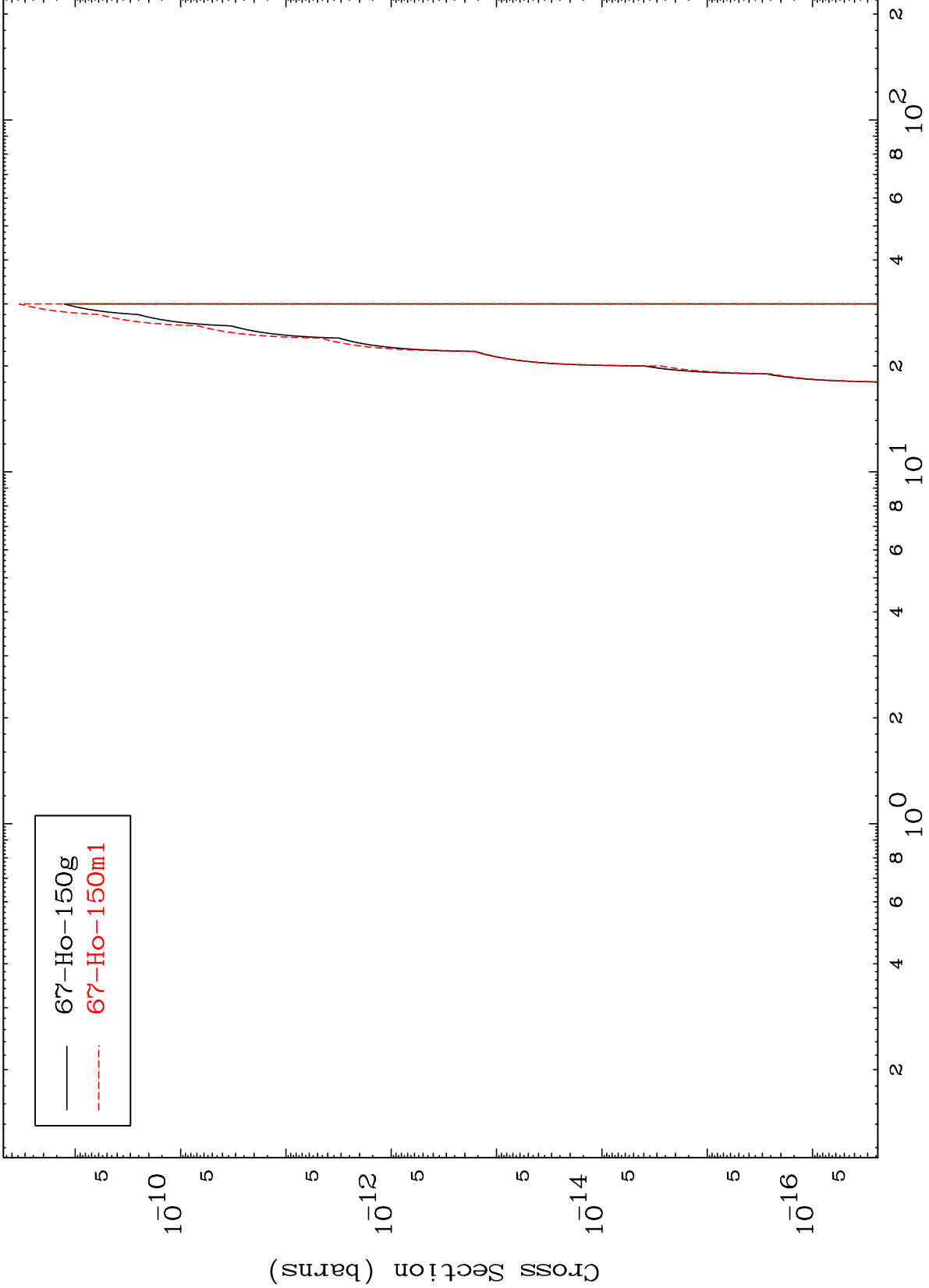
71-Lu-158

MAT 7074

(n, 3α)

71-Lu-158

Radionuclide Production Cross Section

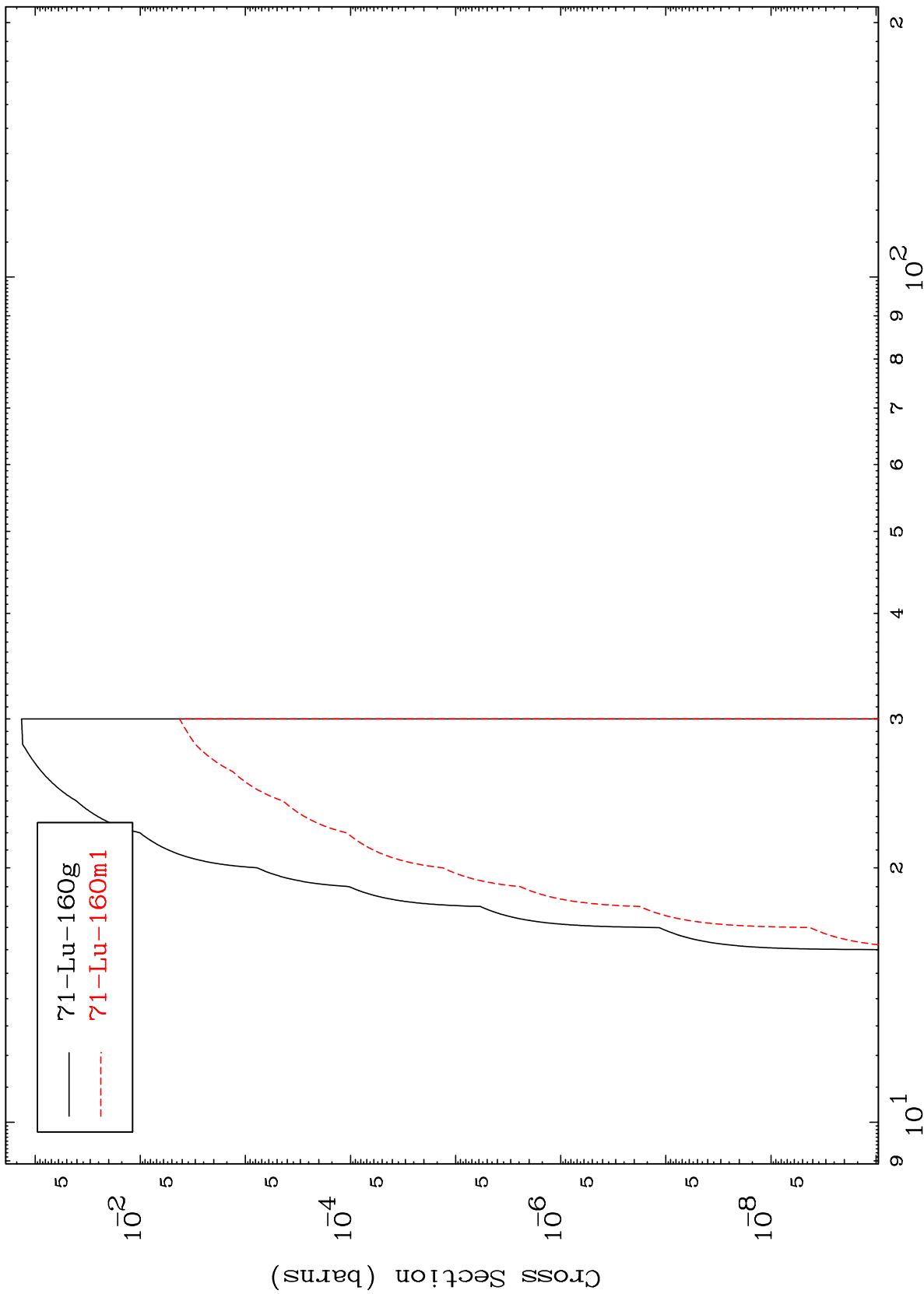


67-Ho-150g
67-Ho-150m1

MAT 7074

71-Lu-158

(n,2p)
Radionuclide Production Cross Section



71-Lu-158

Incident Energy (MeV)

17