

Program EVALPLOT
(Version 2021-1)

by

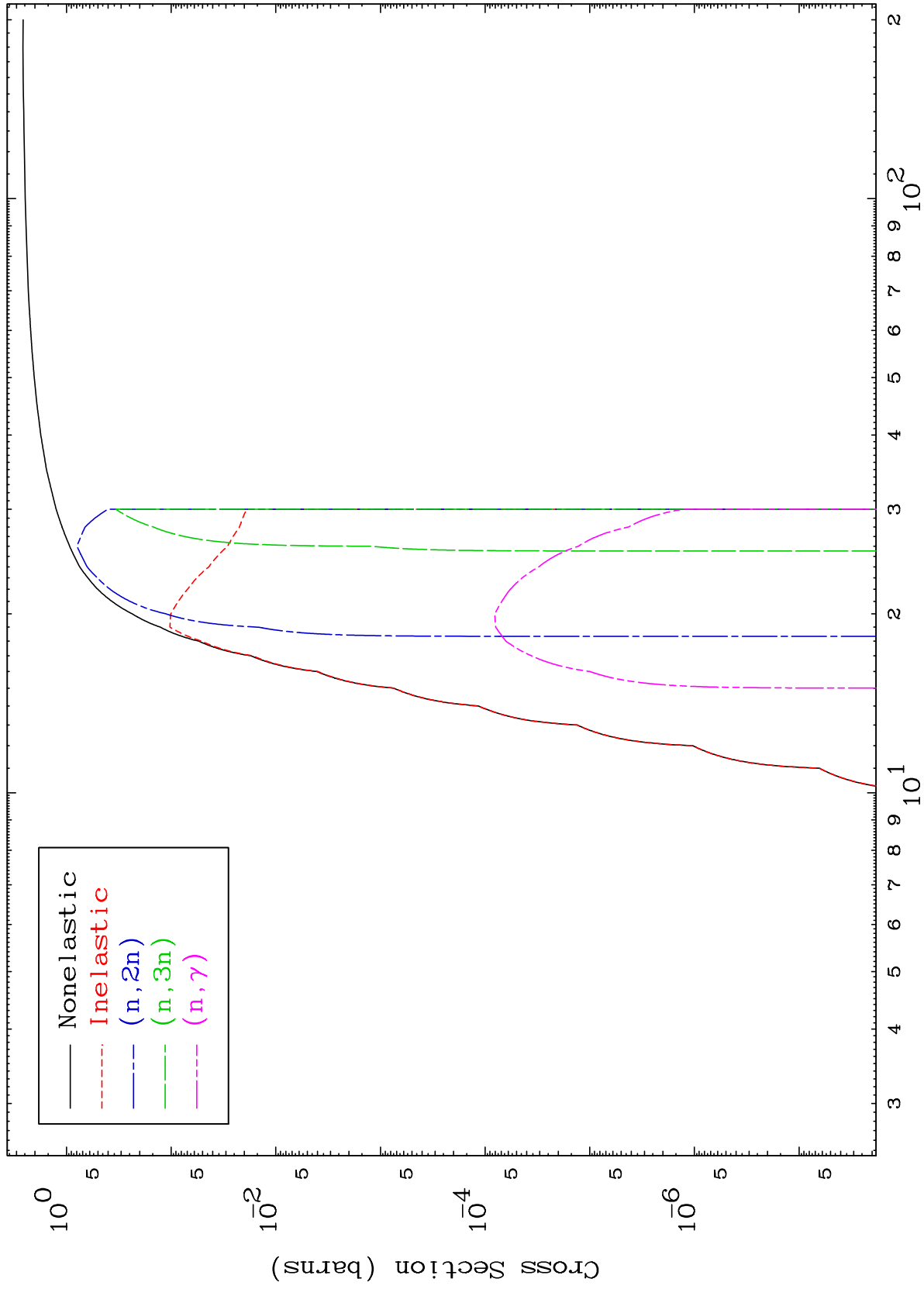
Dermott E. Cullen
(Present Contact Information)

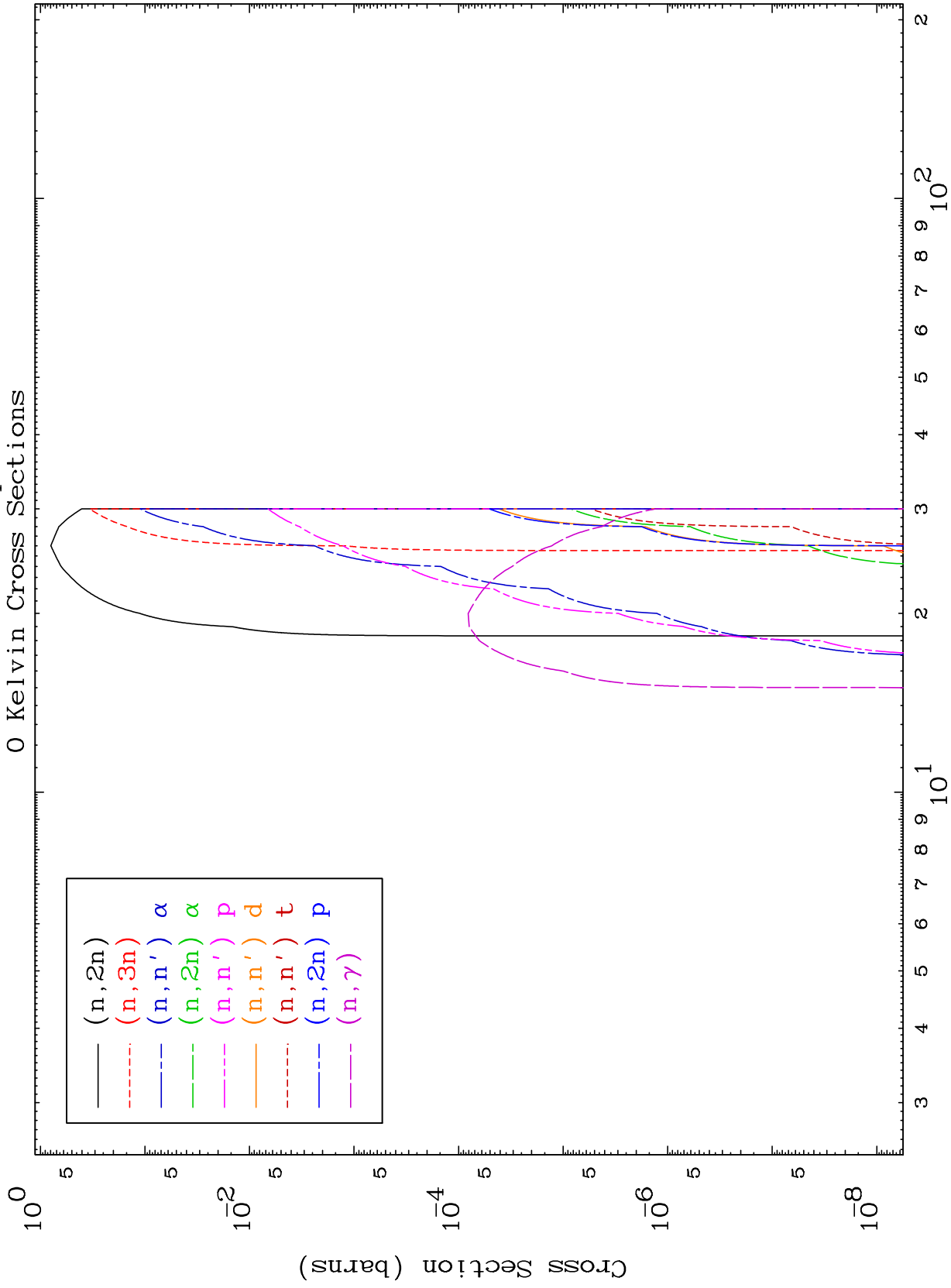
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Press Mouse Button to Start

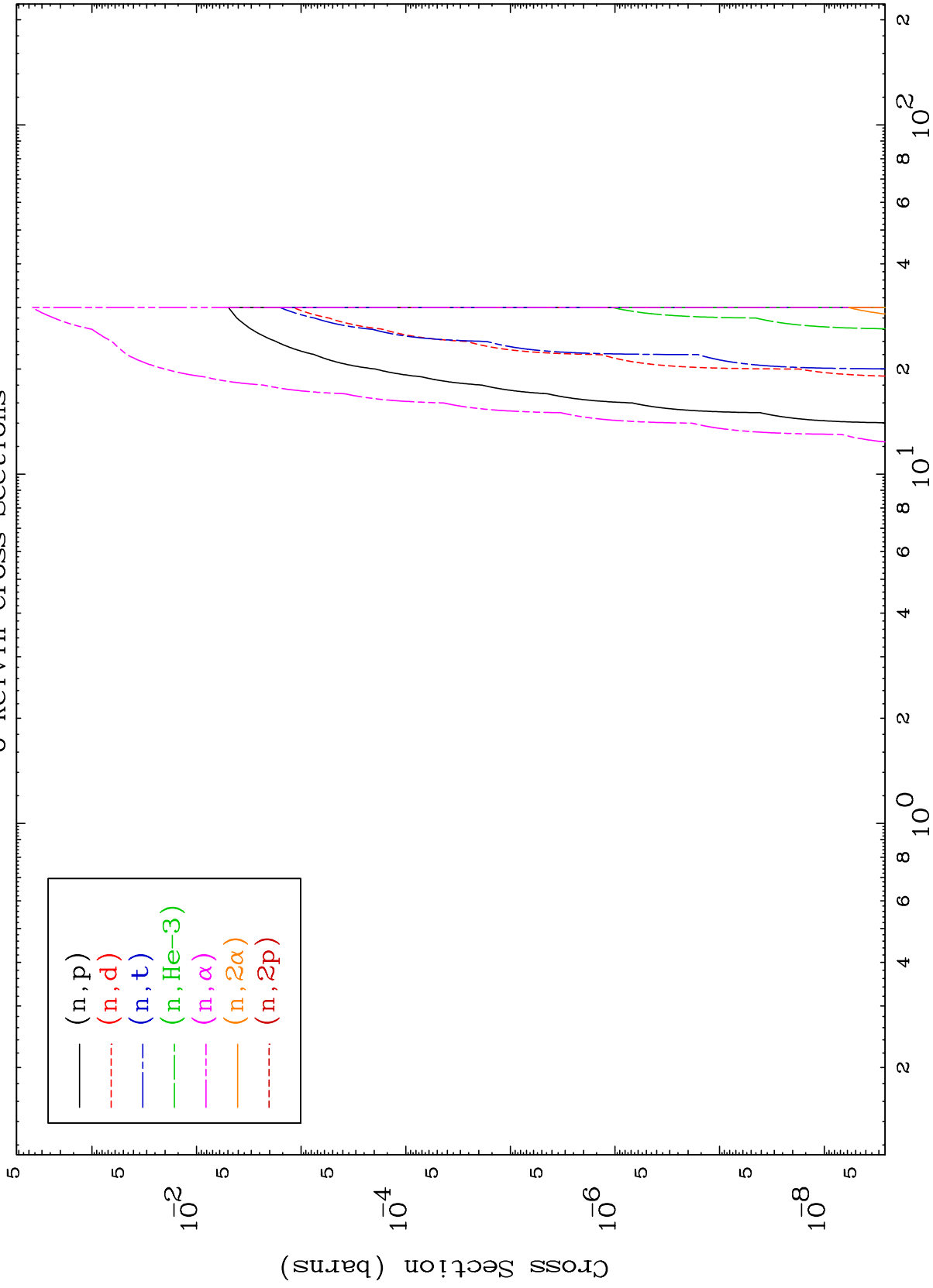




MAT 7122

α Neutron Absorption
0 Kelvin Cross Sections

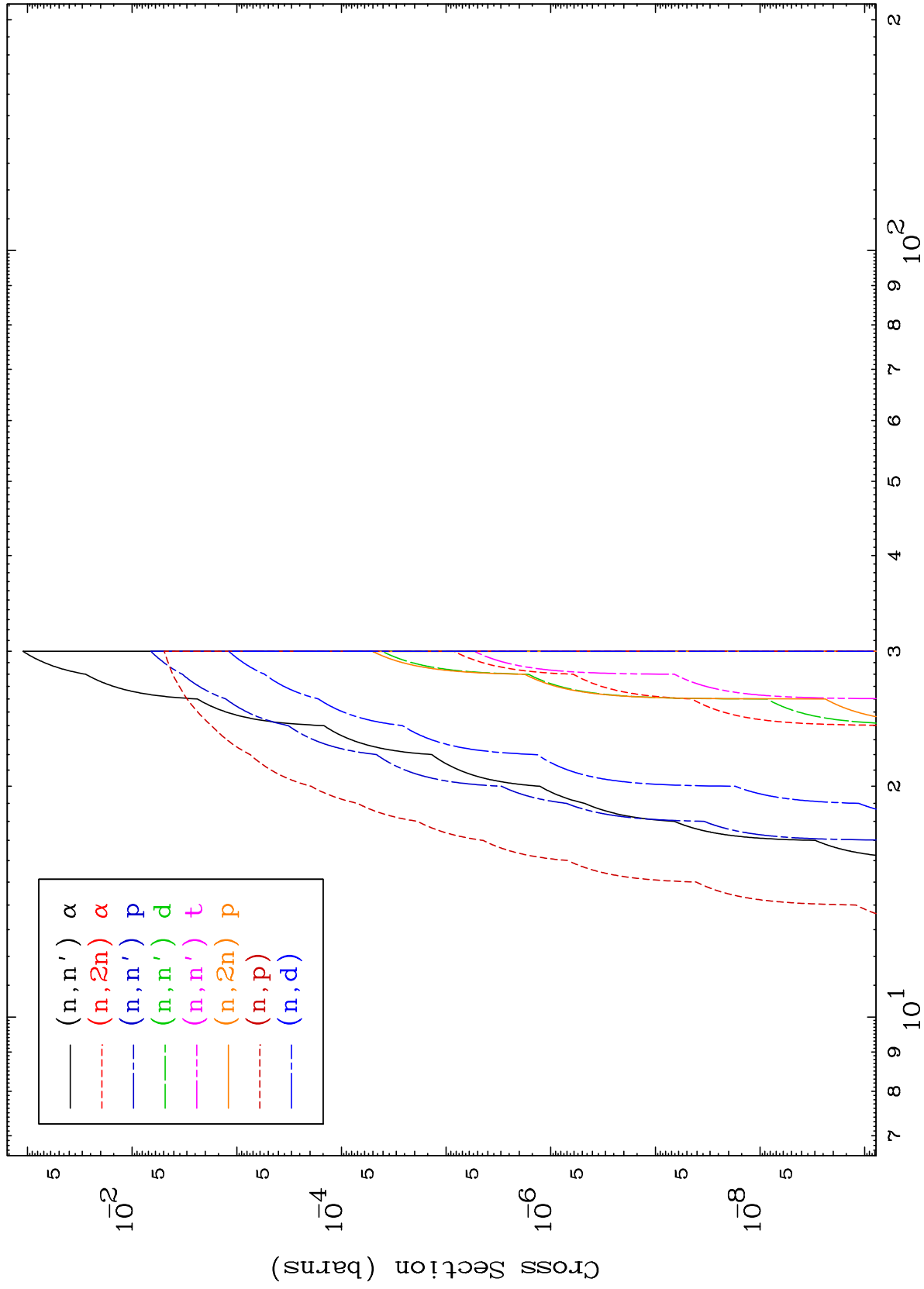
71-Lu-174

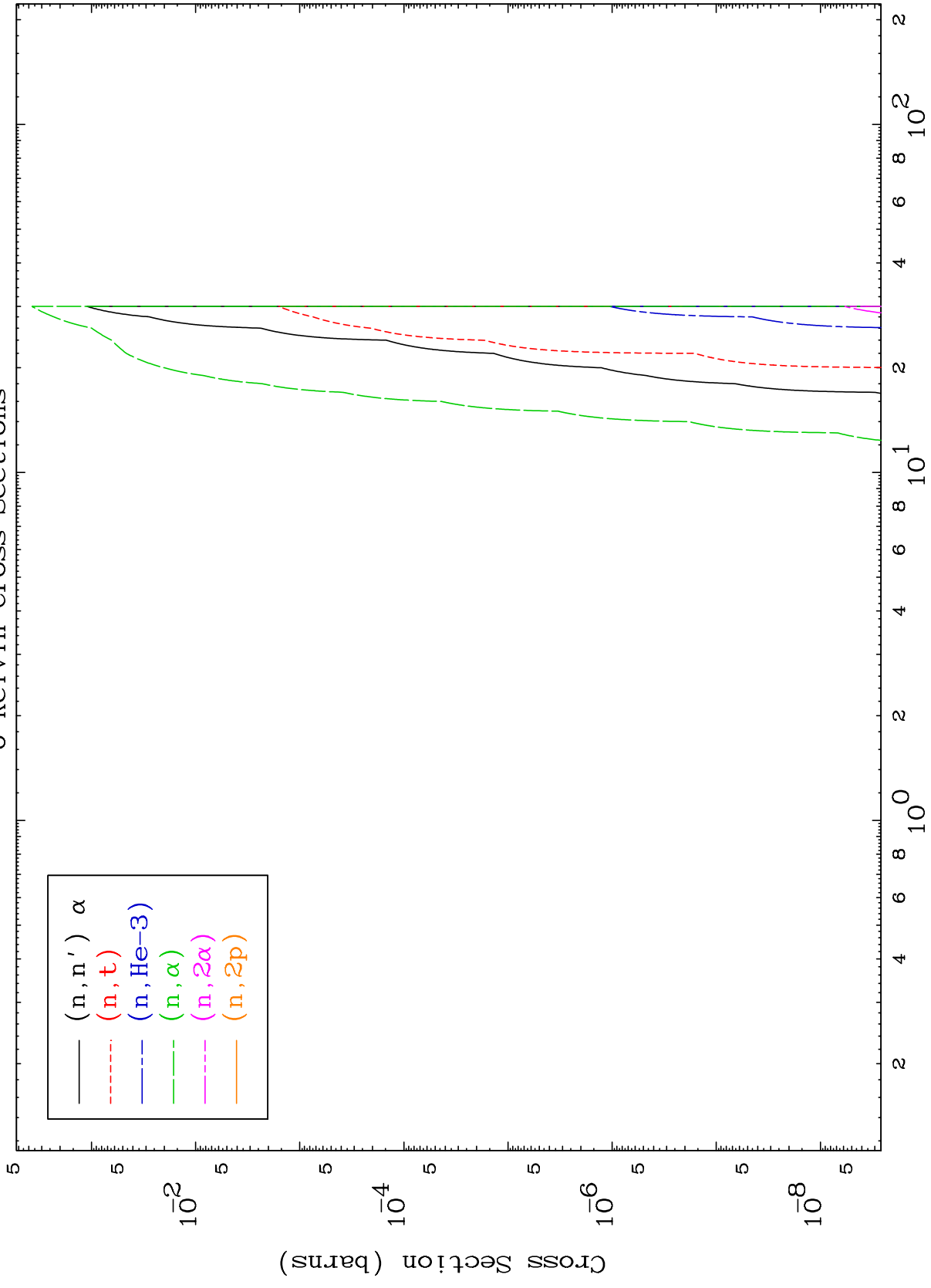


3

Incident Energy (MeV)

71-Lu-174

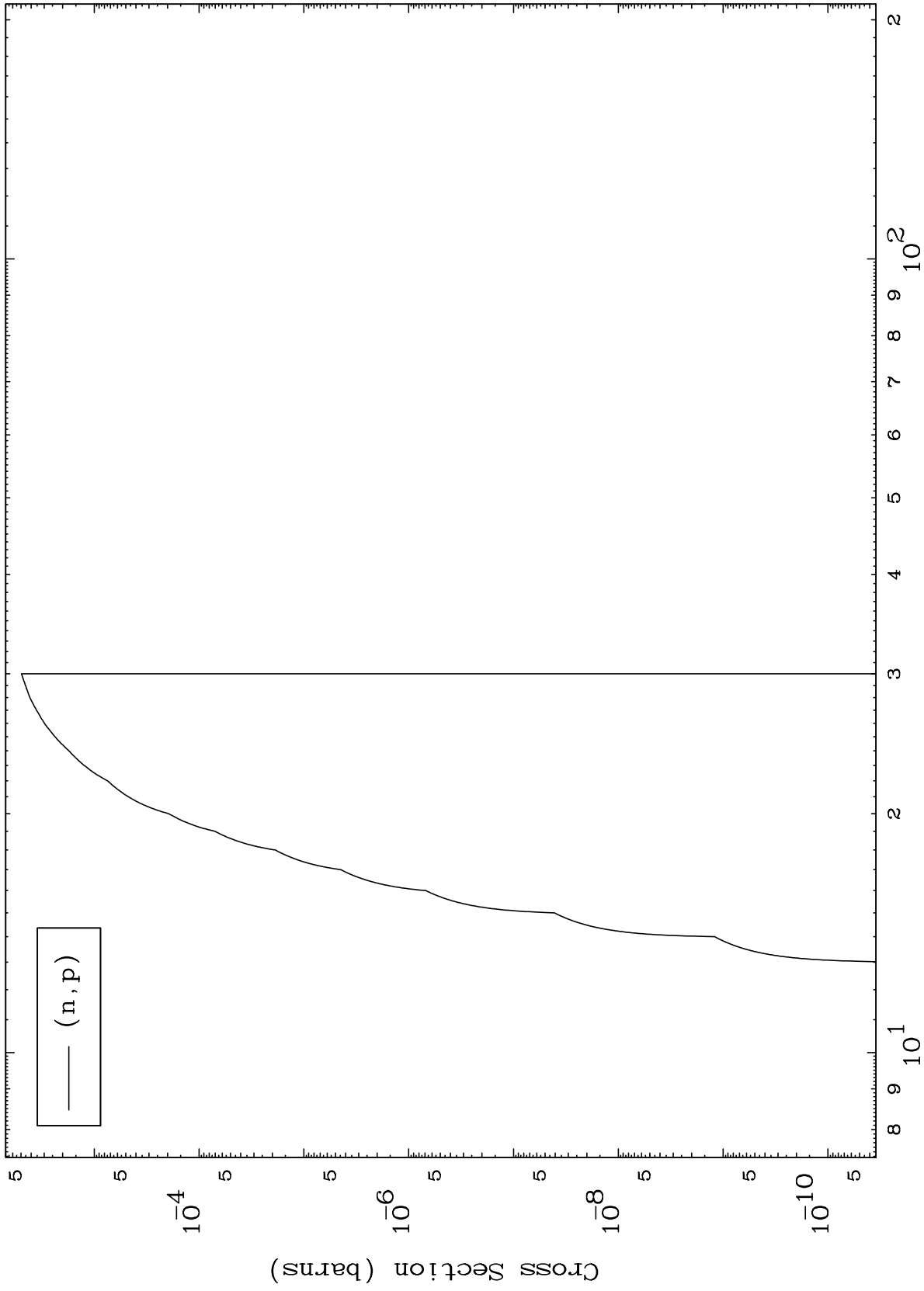




MAT 7122

(α, p) Levels
0 Kelvin Cross Sections

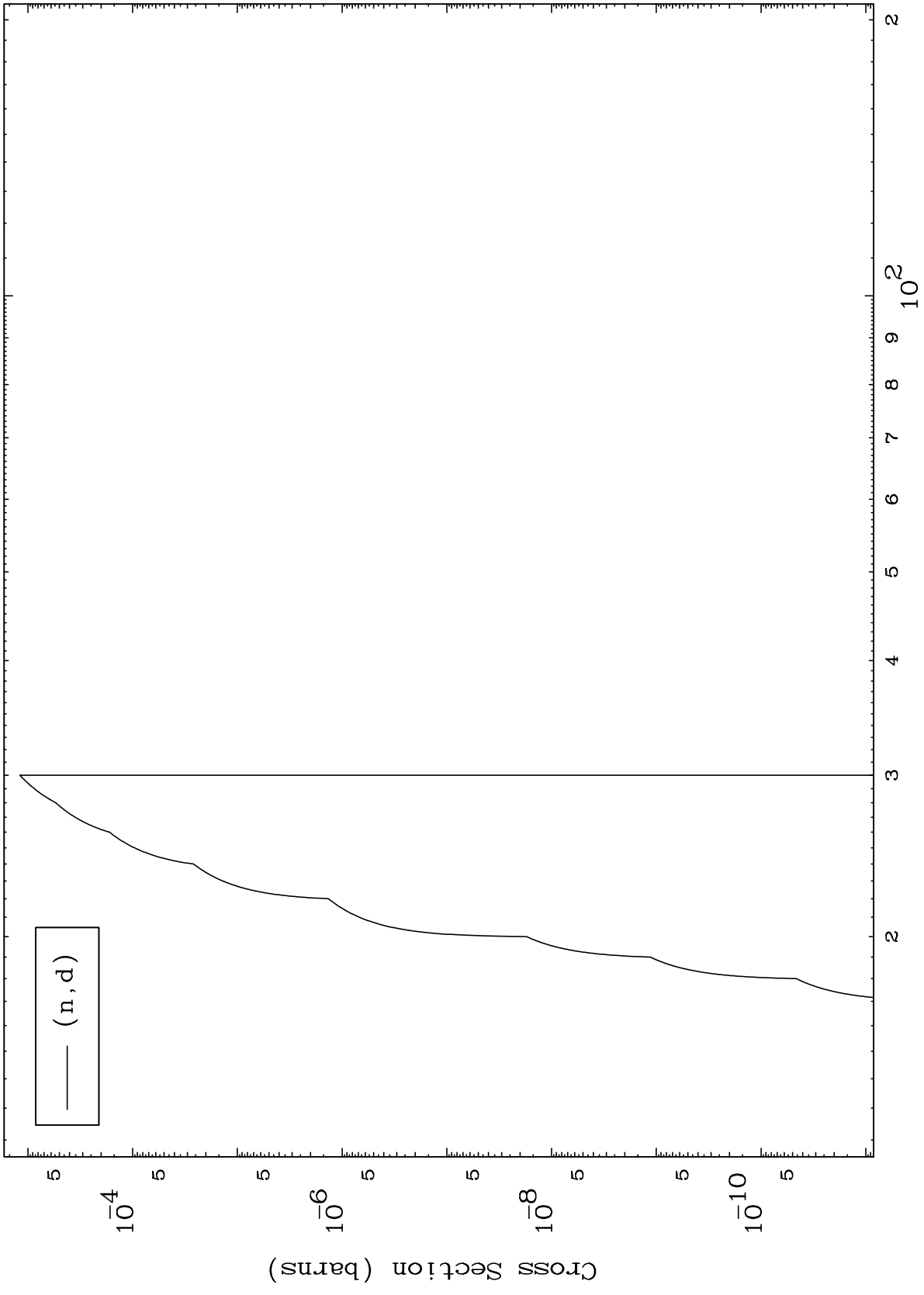
71-Lu-174

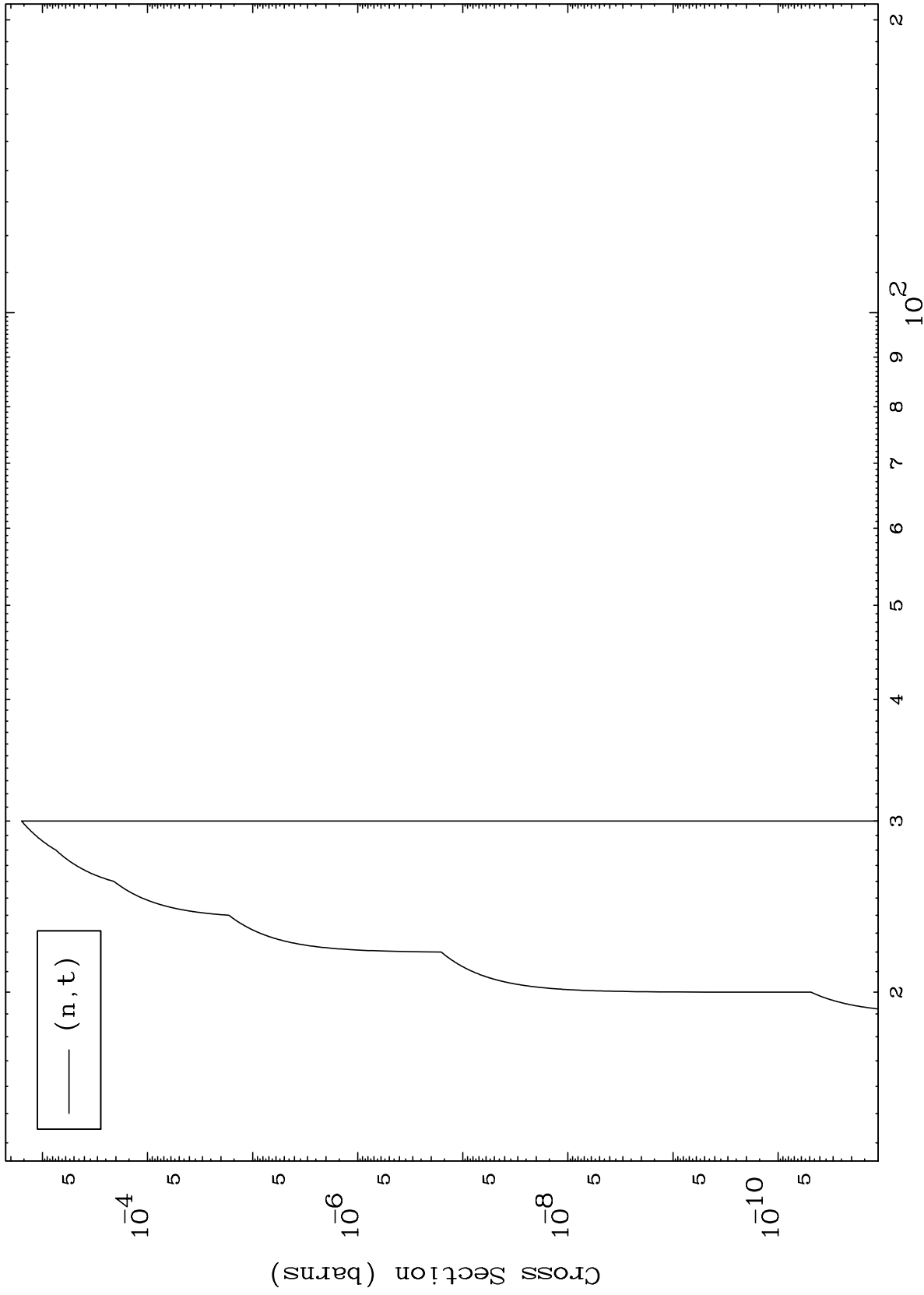


6

Incident Energy (MeV)

71-Lu-174

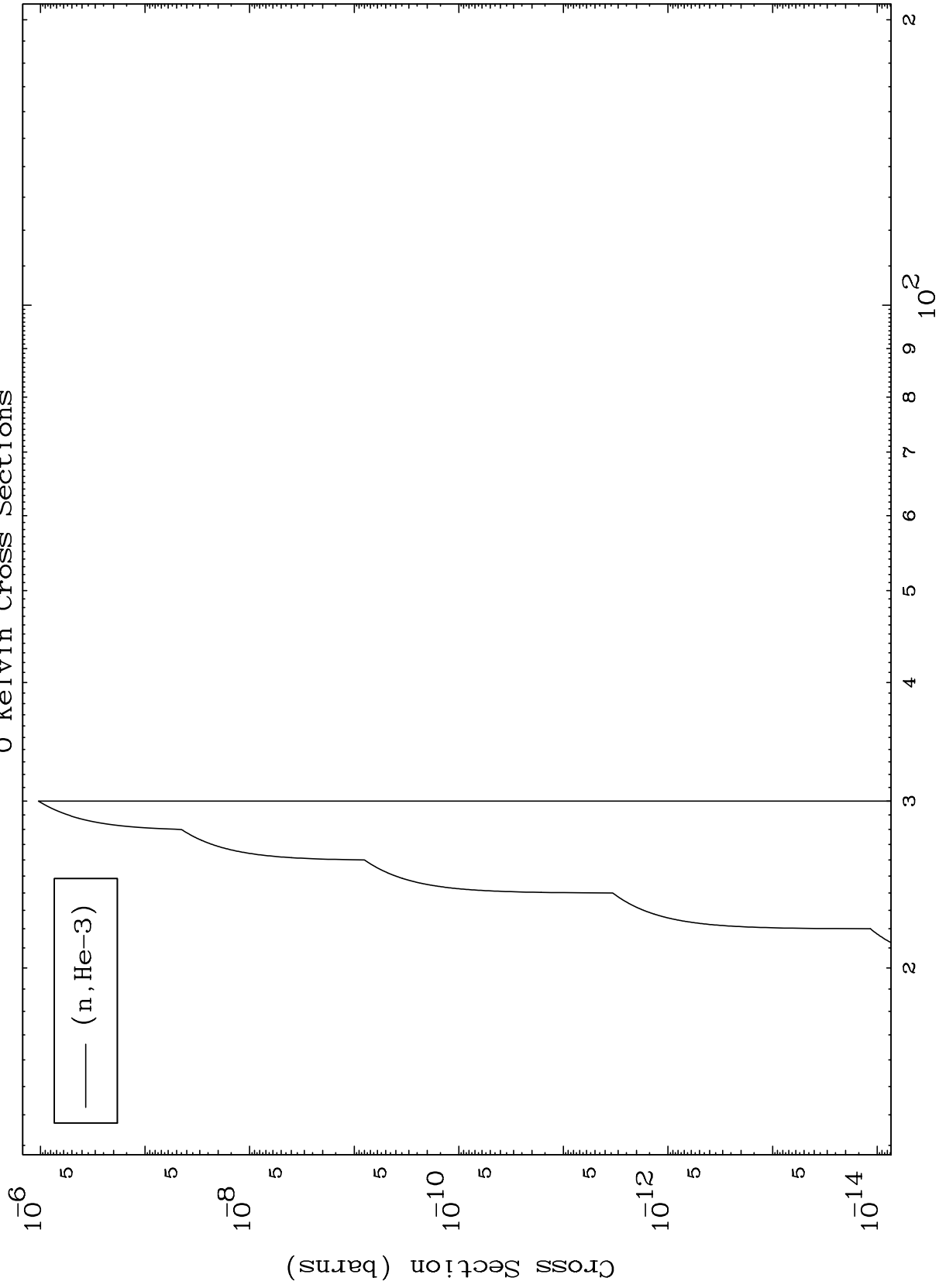




MAT 7122

(α , He3) Levels
0 Kelvin Cross Sections

71-Lu-174



9

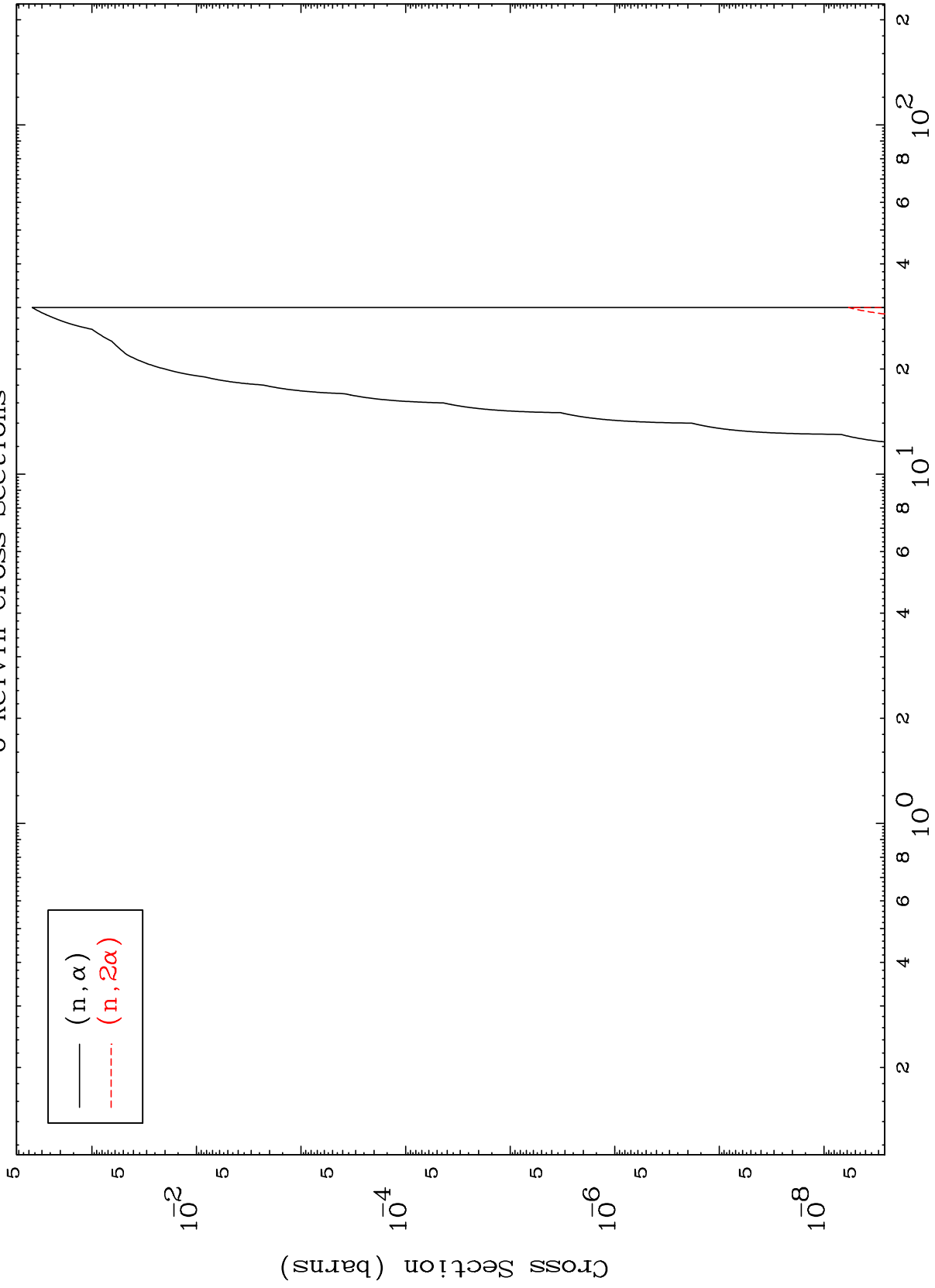
Incident Energy (MeV)

71-Lu-174

MAT 7122

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-174



10

Incident Energy (MeV)

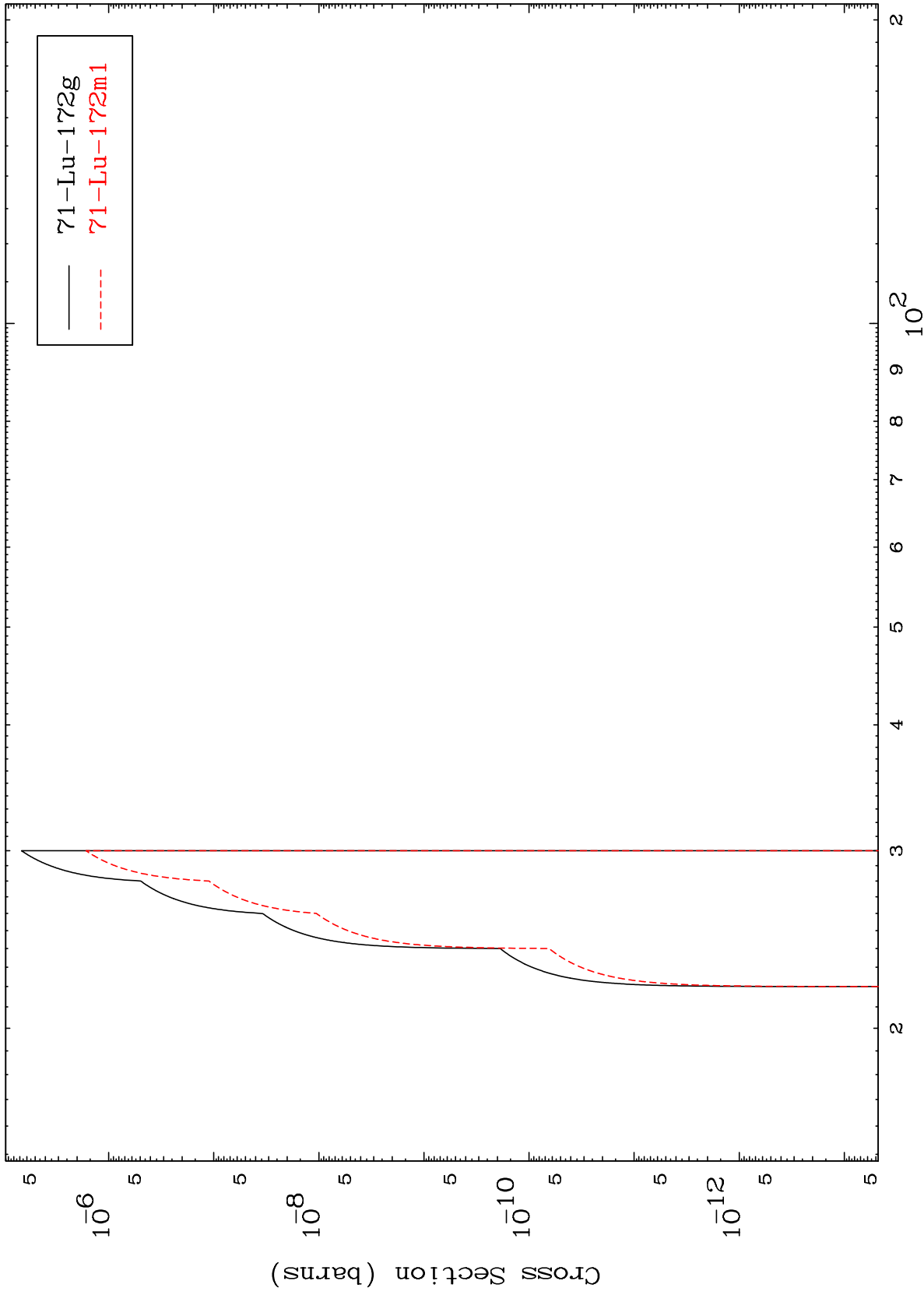
71-Lu-174

MAT 7122

$(n, 2n) \alpha$

$^{71}\text{Lu-174}$

Radionuclide Production Cross Section



11

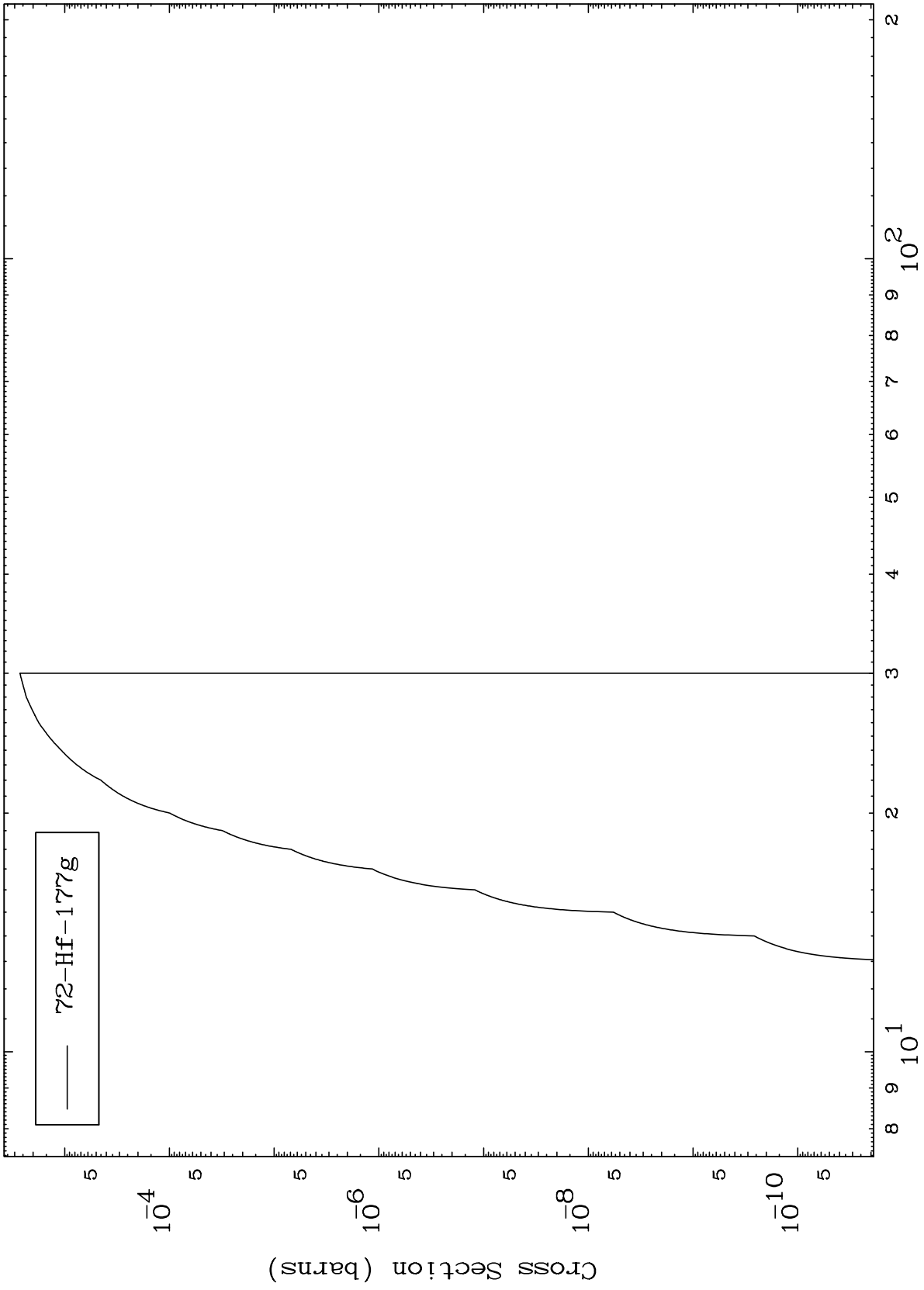
Incident Energy (MeV)

$^{71}\text{Lu-174}$

MAT 7122

71-Lu-174

(n,p)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

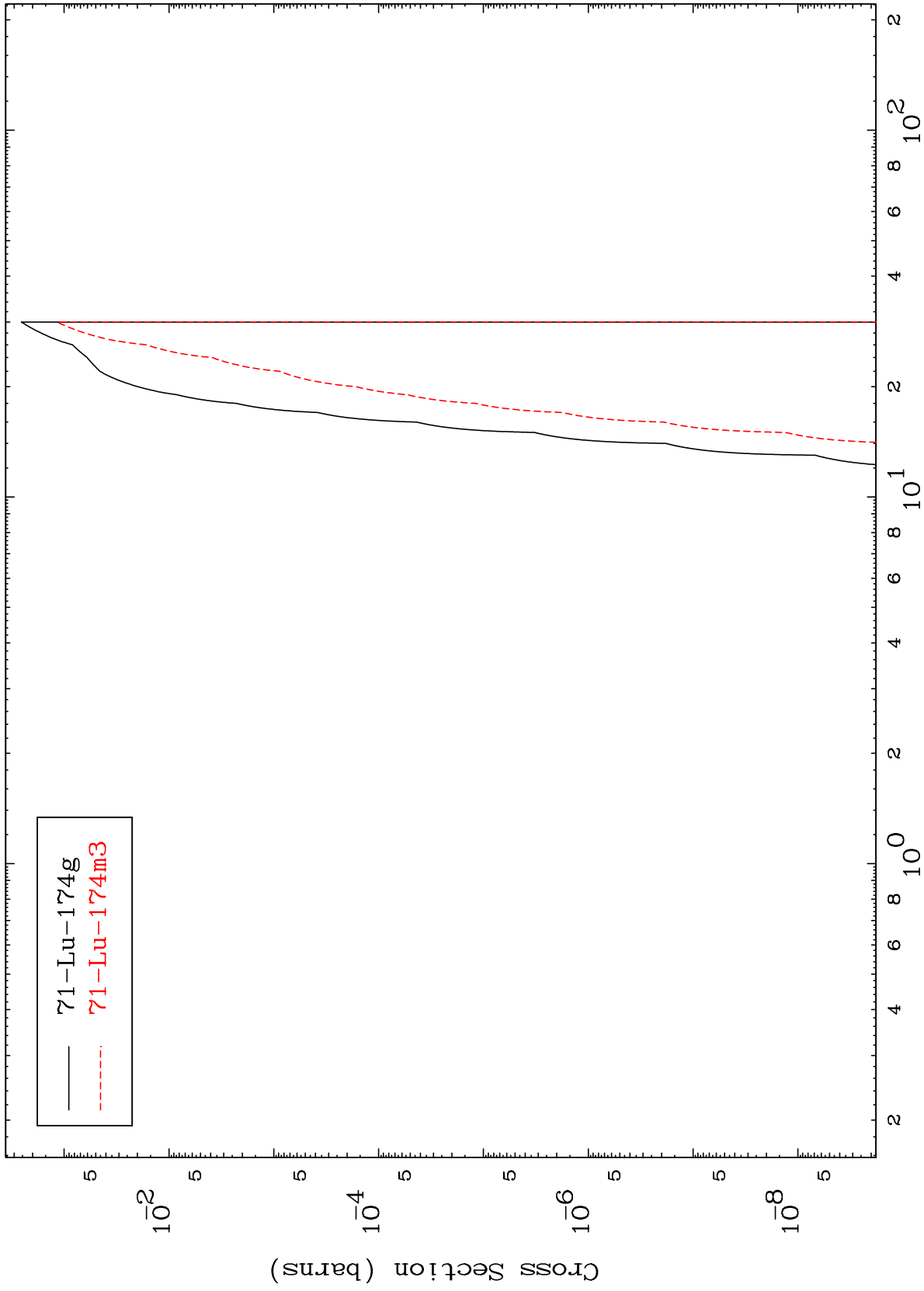
71-Lu-174

MAT 7122

(n, α)

⁷¹Lu-174

Radionuclide Production Cross Section



13

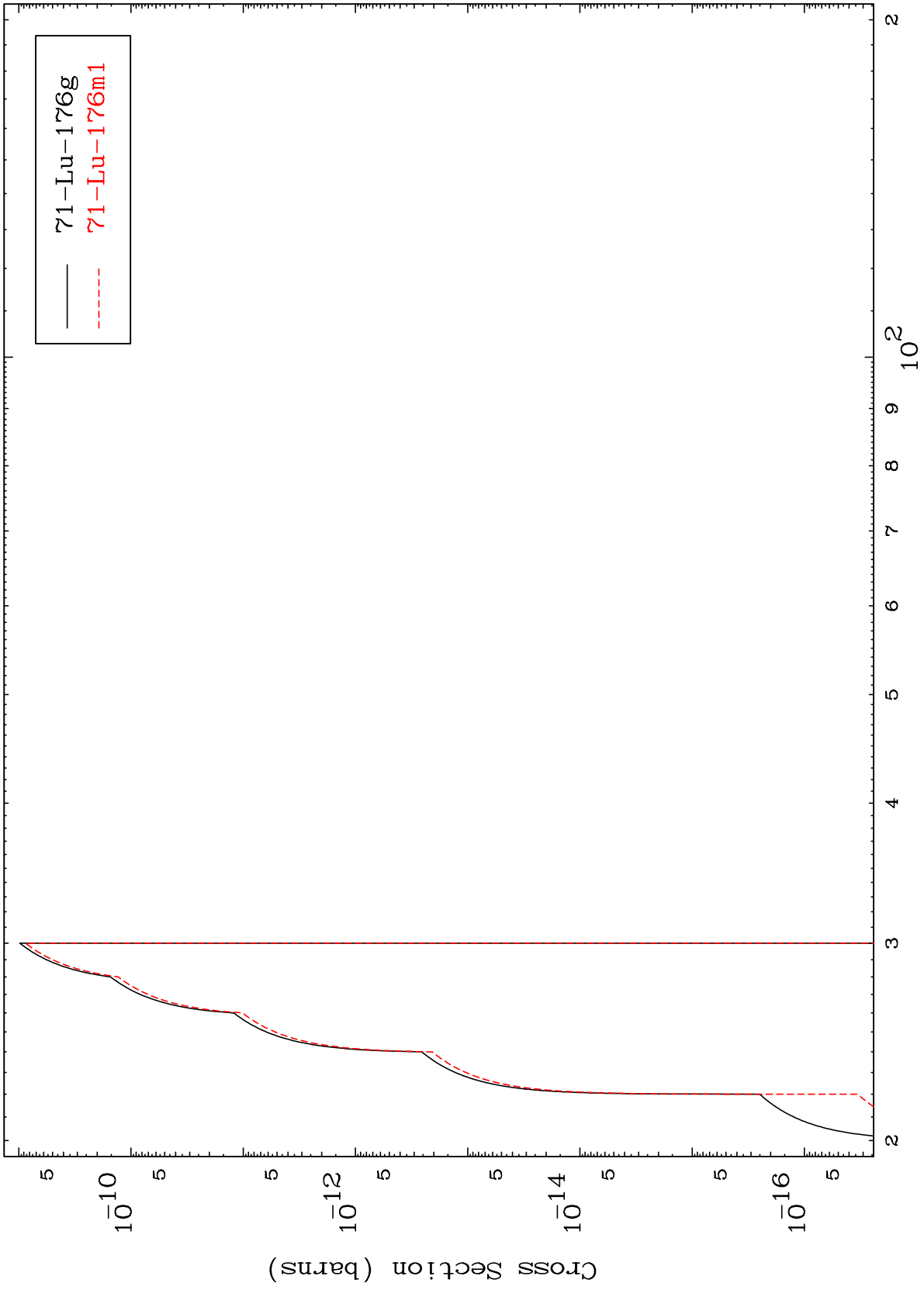
Incident Energy (MeV)

⁷¹Lu-174

MAT 7122

71-Lu-174

(n,2p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

71-Lu-174