

Program EVALPLOT
(Version 2021-1)

by

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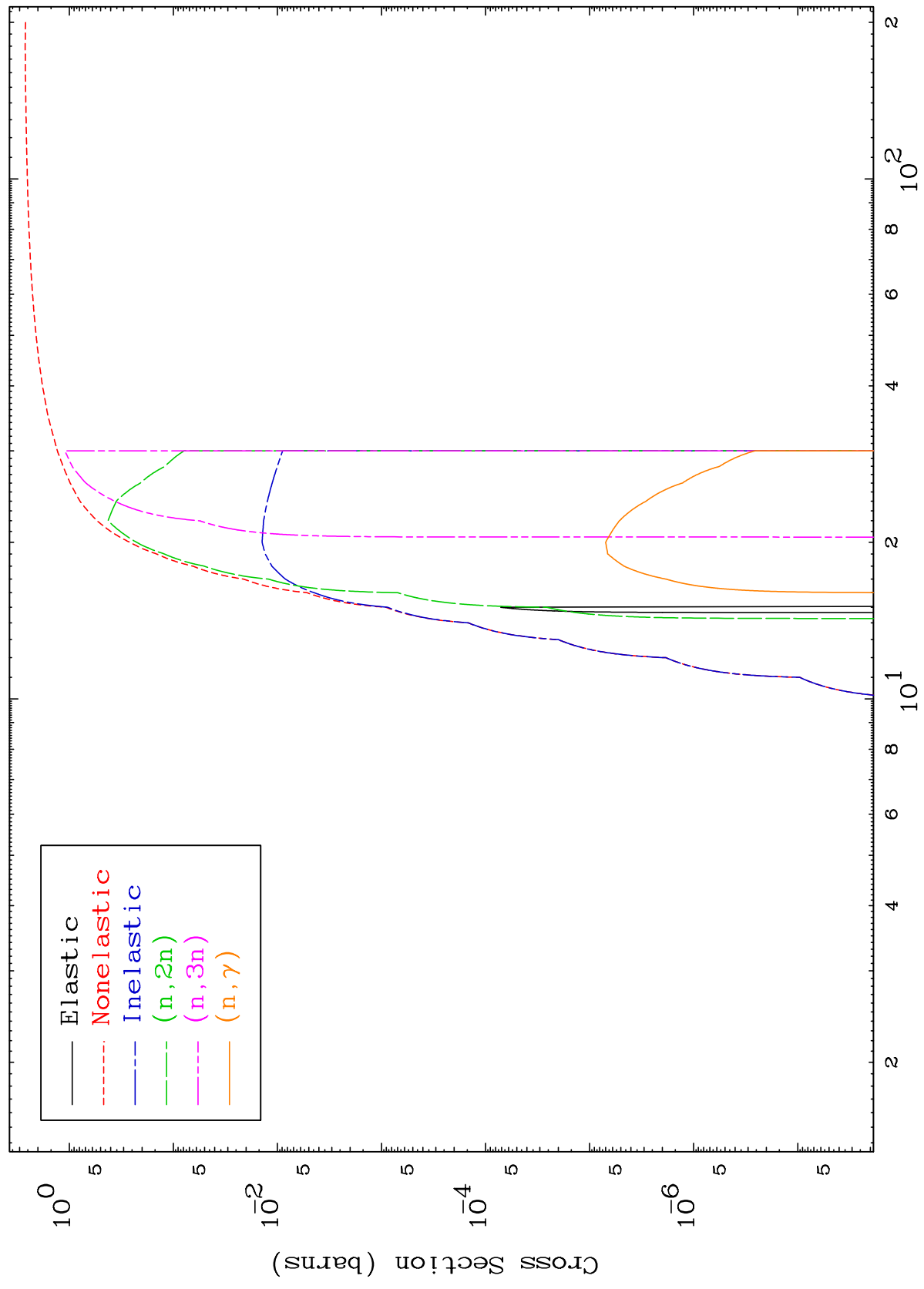
Press Mouse Button to Start

MAT 7140

0 Kelvin

Major Cross Sections

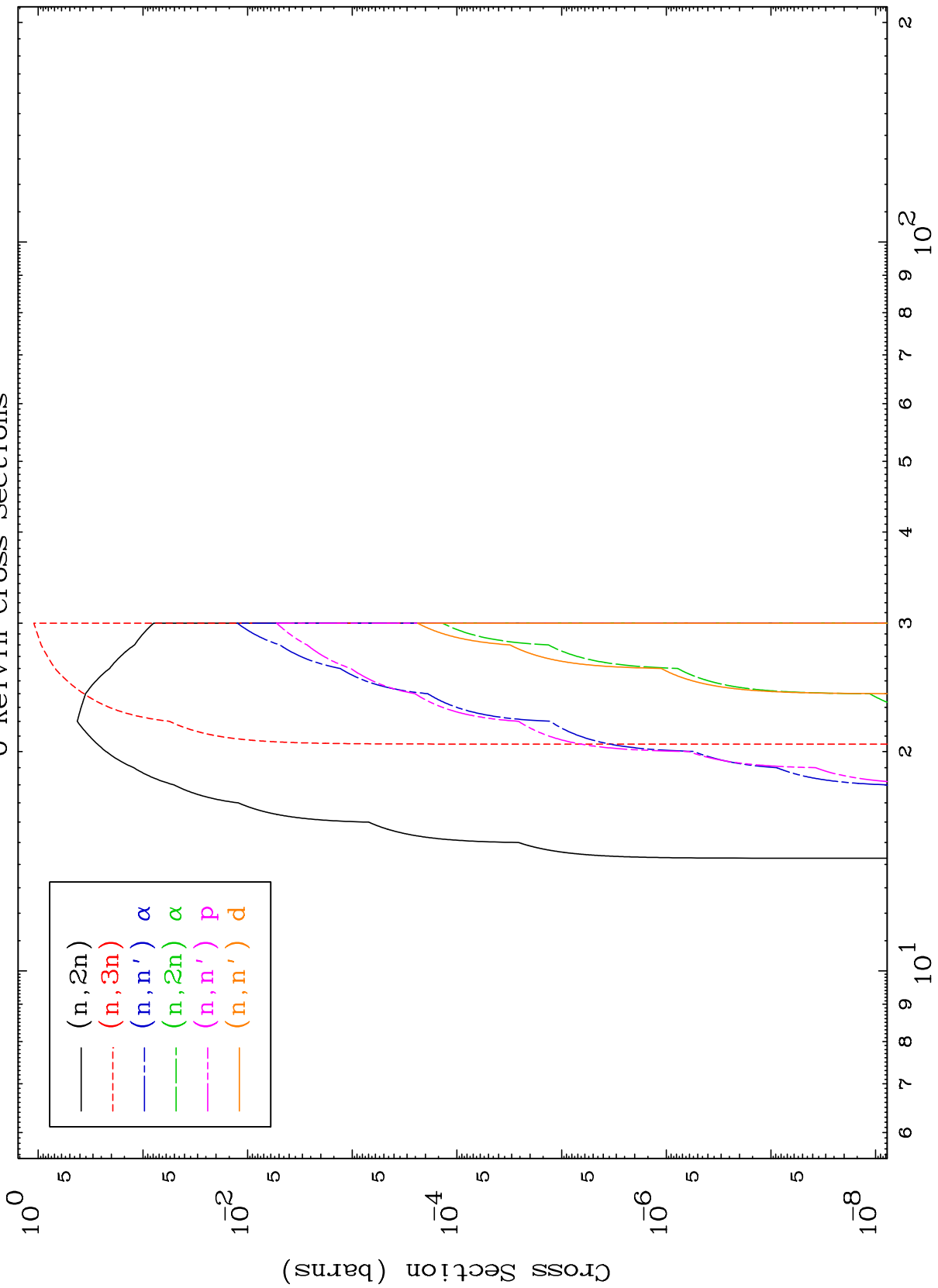
⁷¹Lu-180



MAT 7140

71-Lu-180

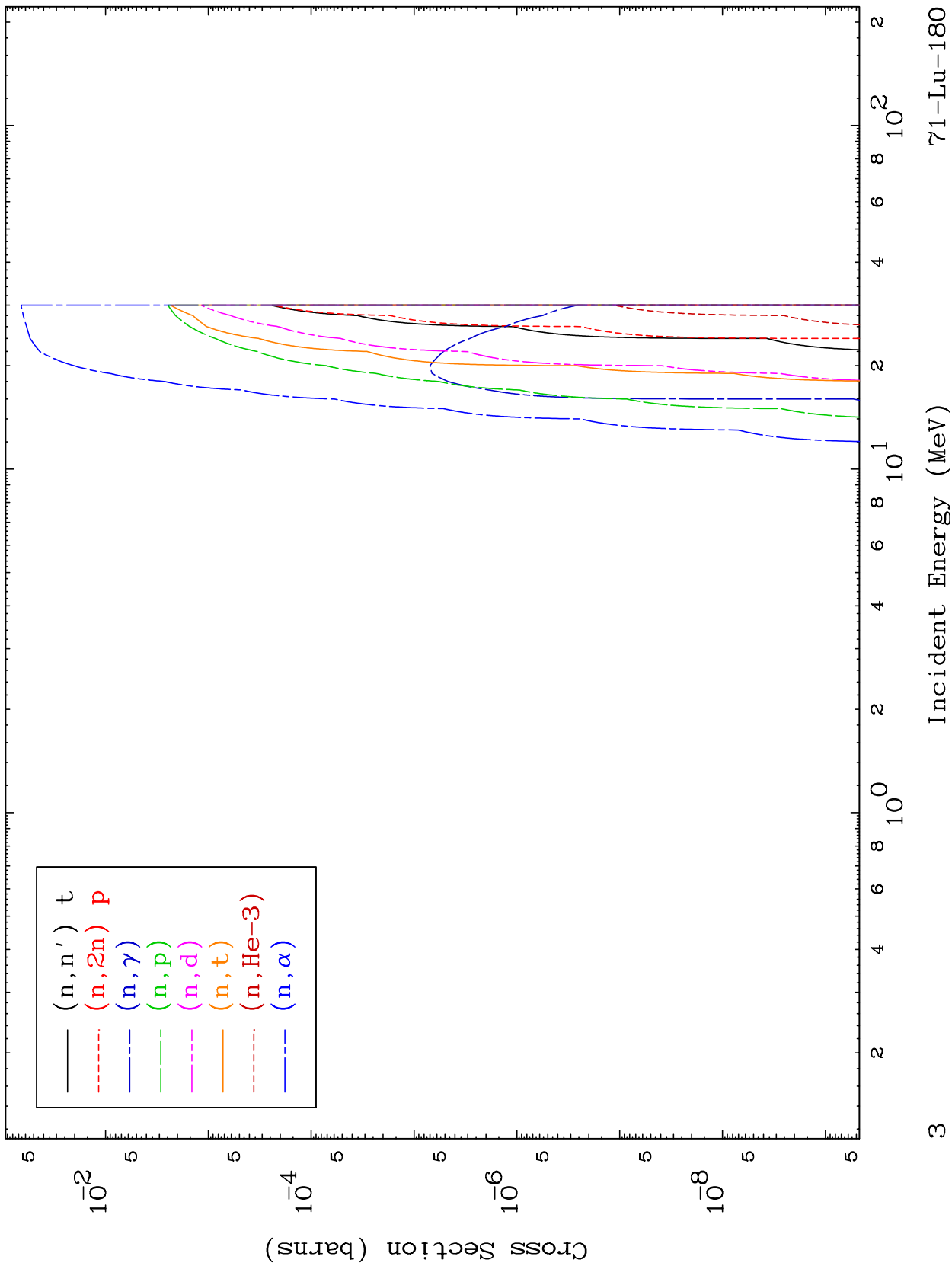
α Neutron Absorption
0 Kelvin Cross Sections



MAT 7140

α Neutron Absorption
0 Kelvin Cross Sections

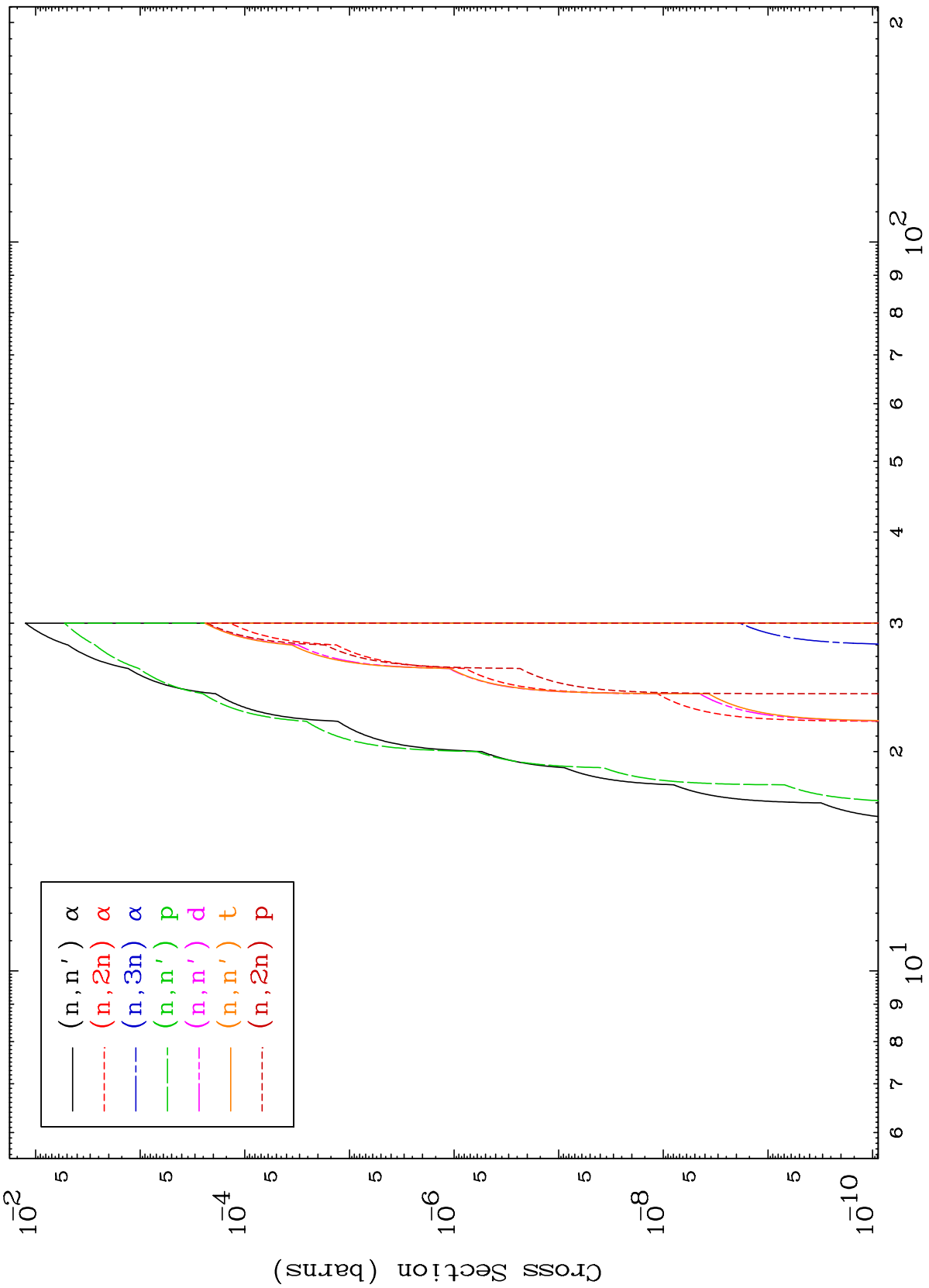
71-Lu-180



MAT 7140

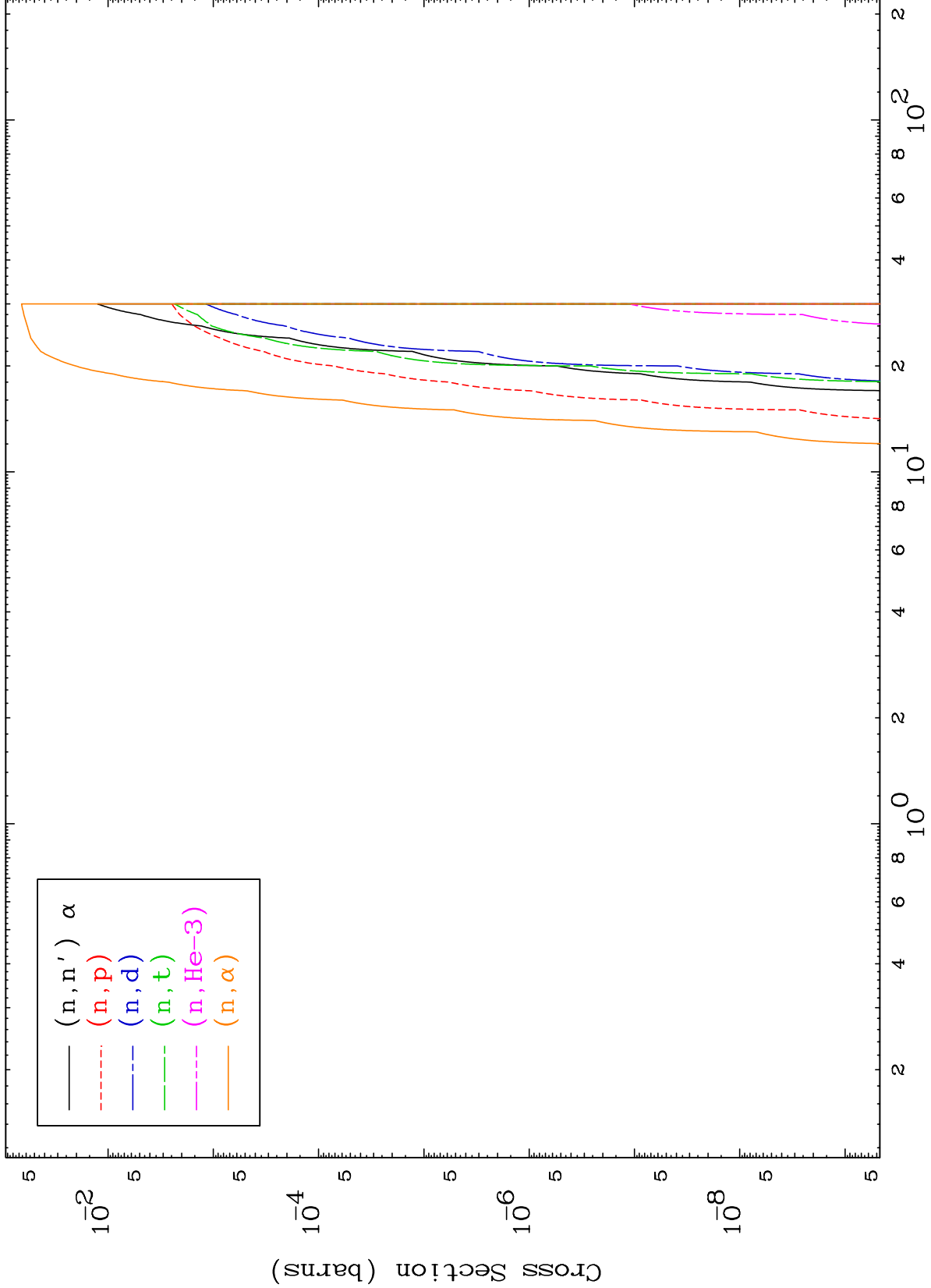
α Charged Particle
0 Kelvin Cross Sections

71-Lu-180



Incident Energy (MeV)

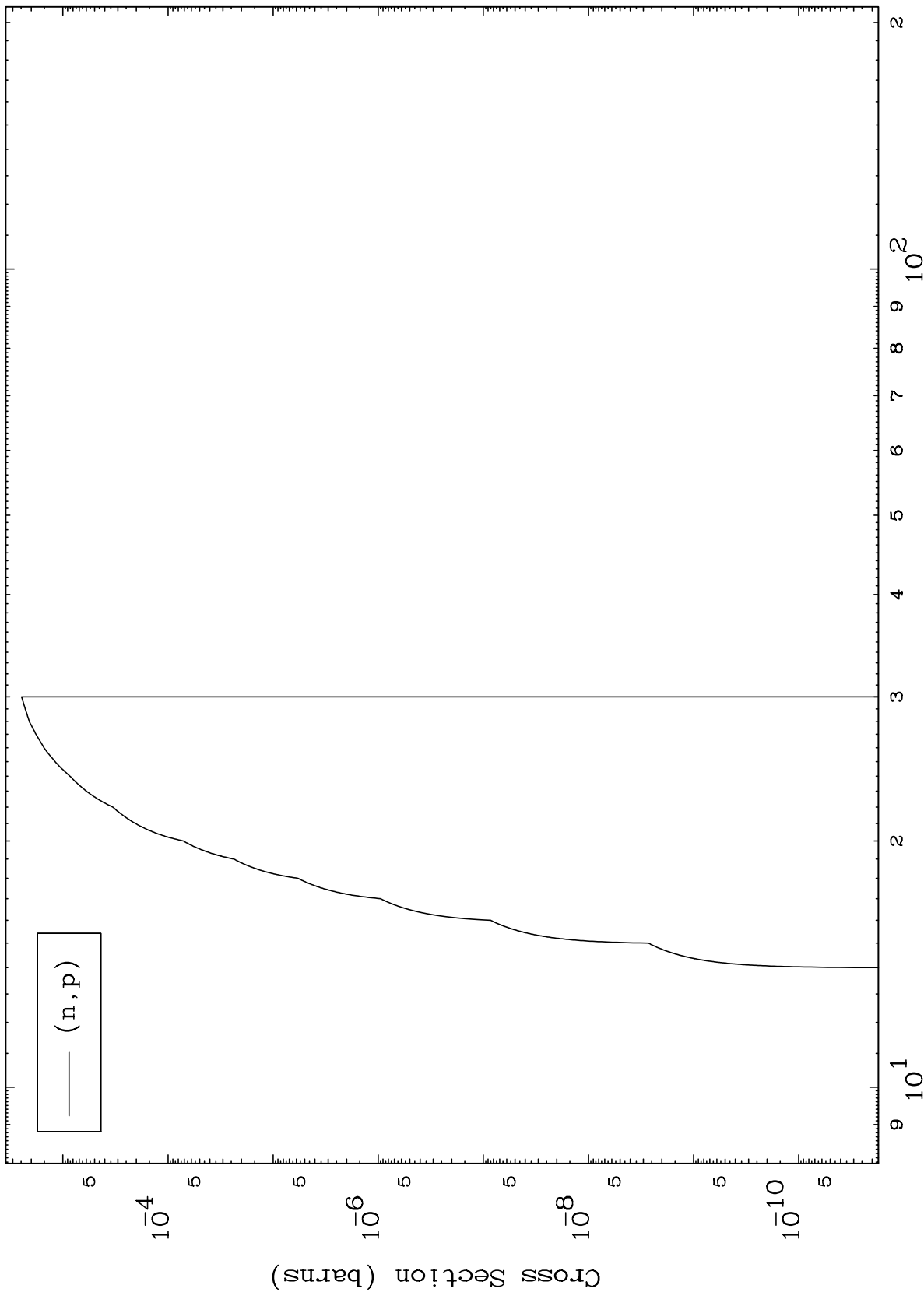
71-Lu-180



MAT 7140

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-180



Incident Energy (MeV)

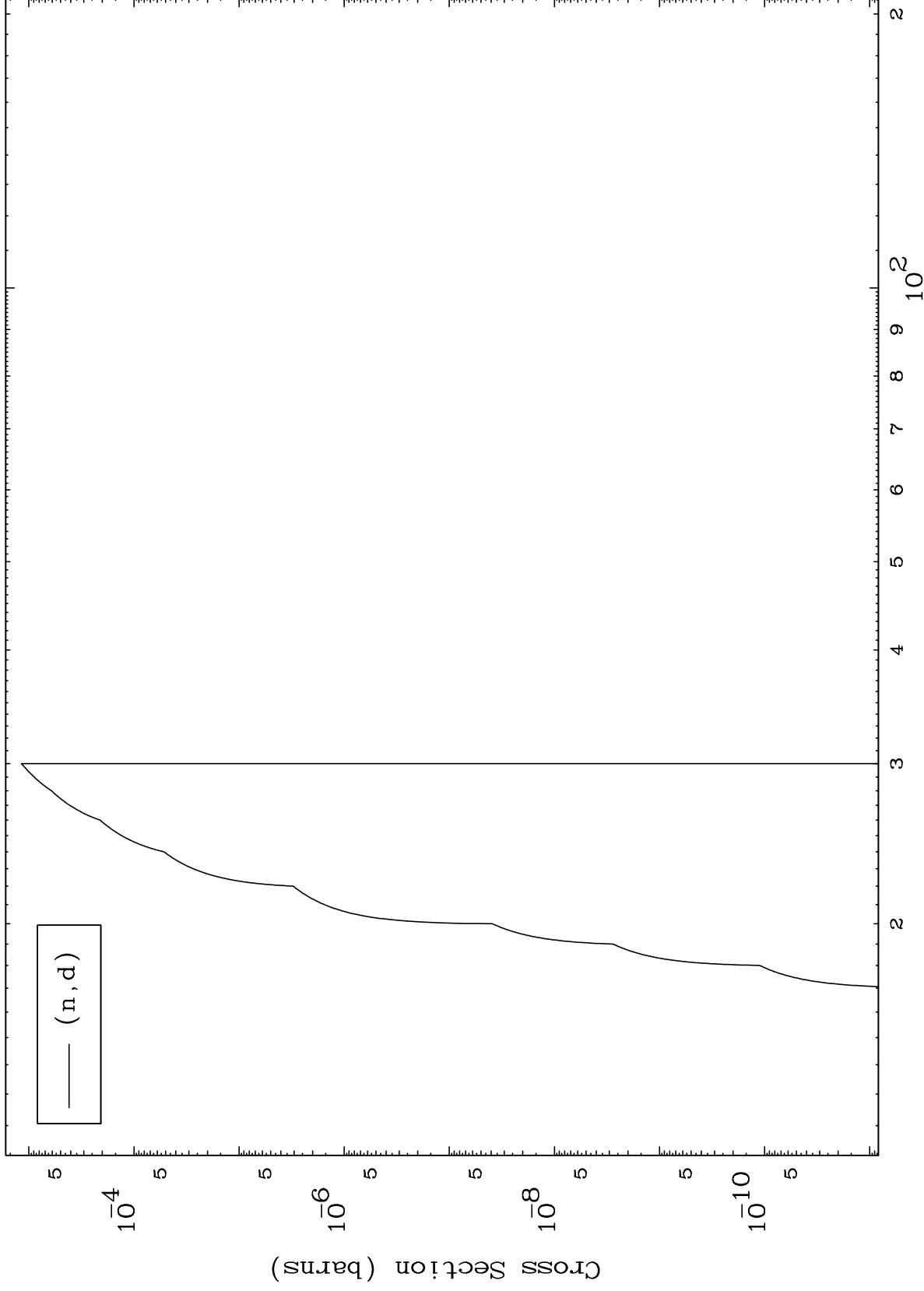
71-Lu-180

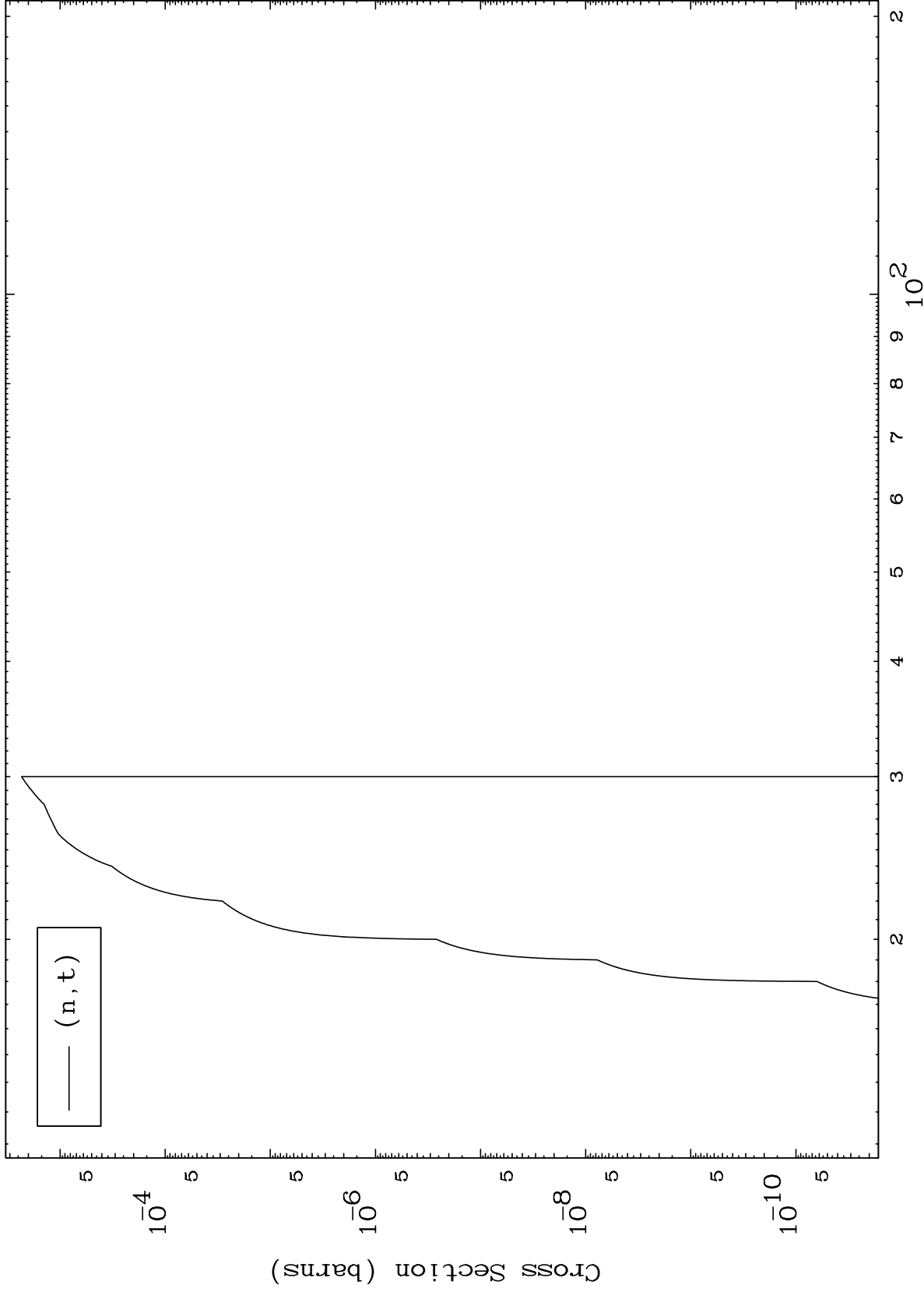
6

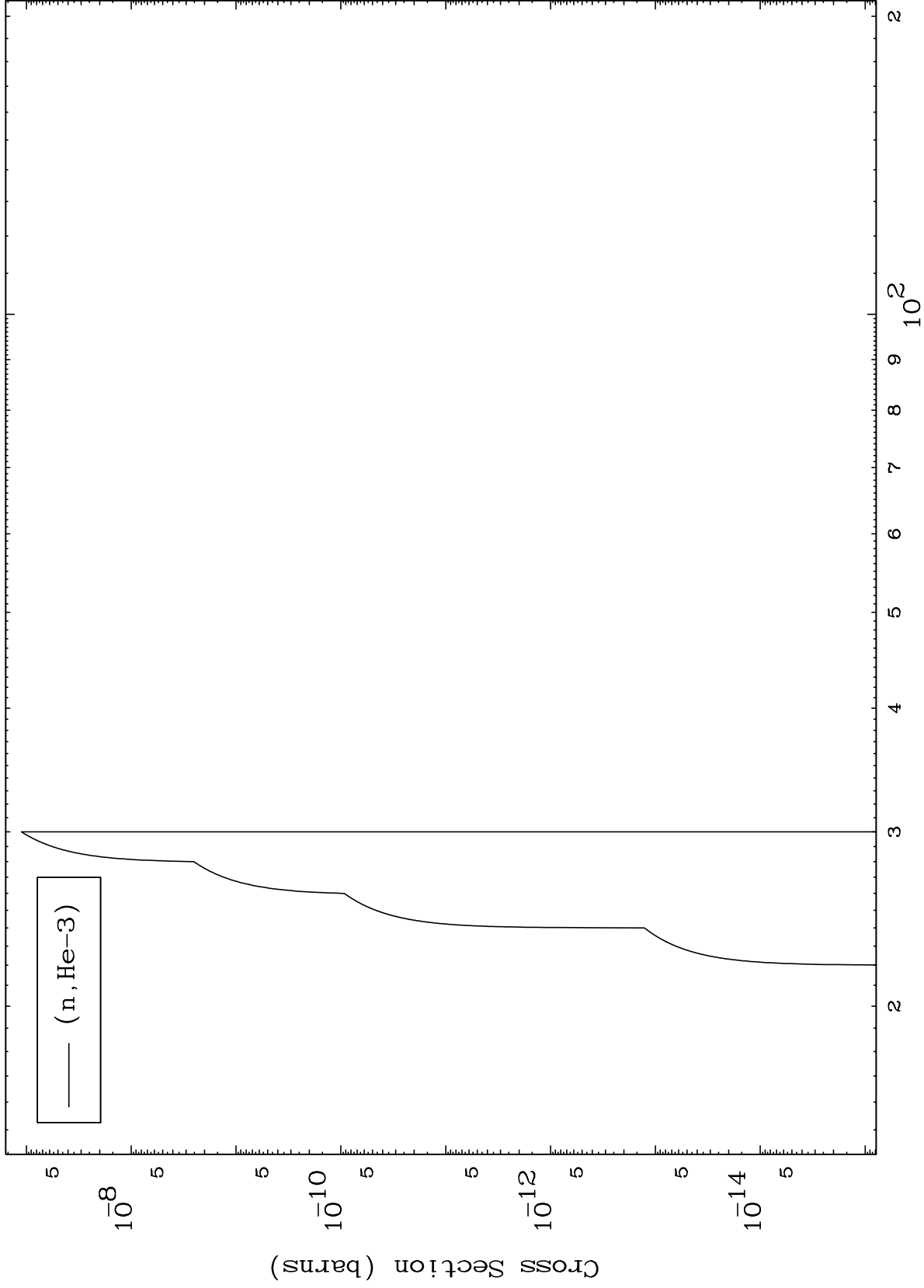
MAT 7140

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-180





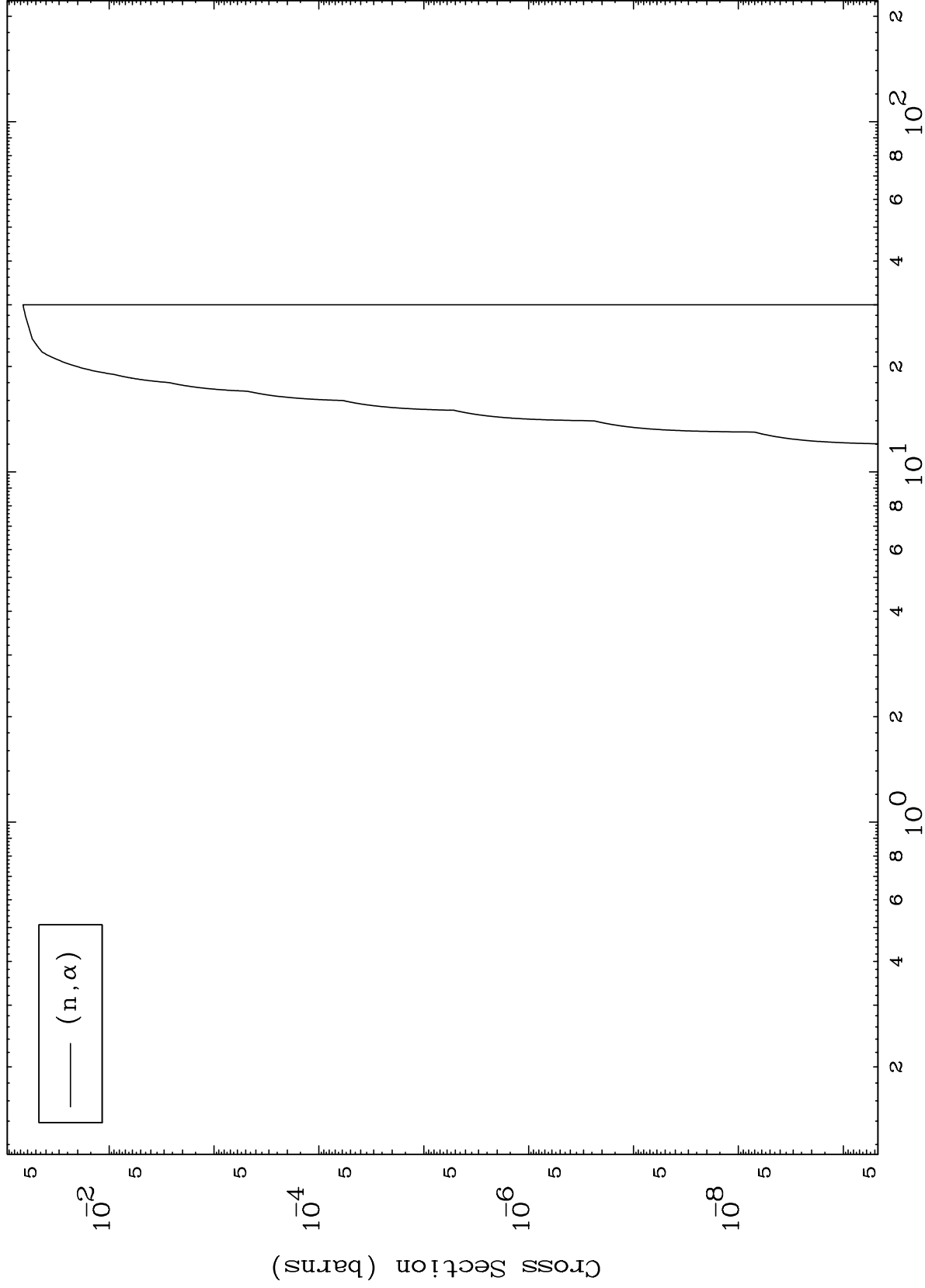


MAT 7140

(α, α) Levels

71-Lu-180

0 Kelvin Cross Sections

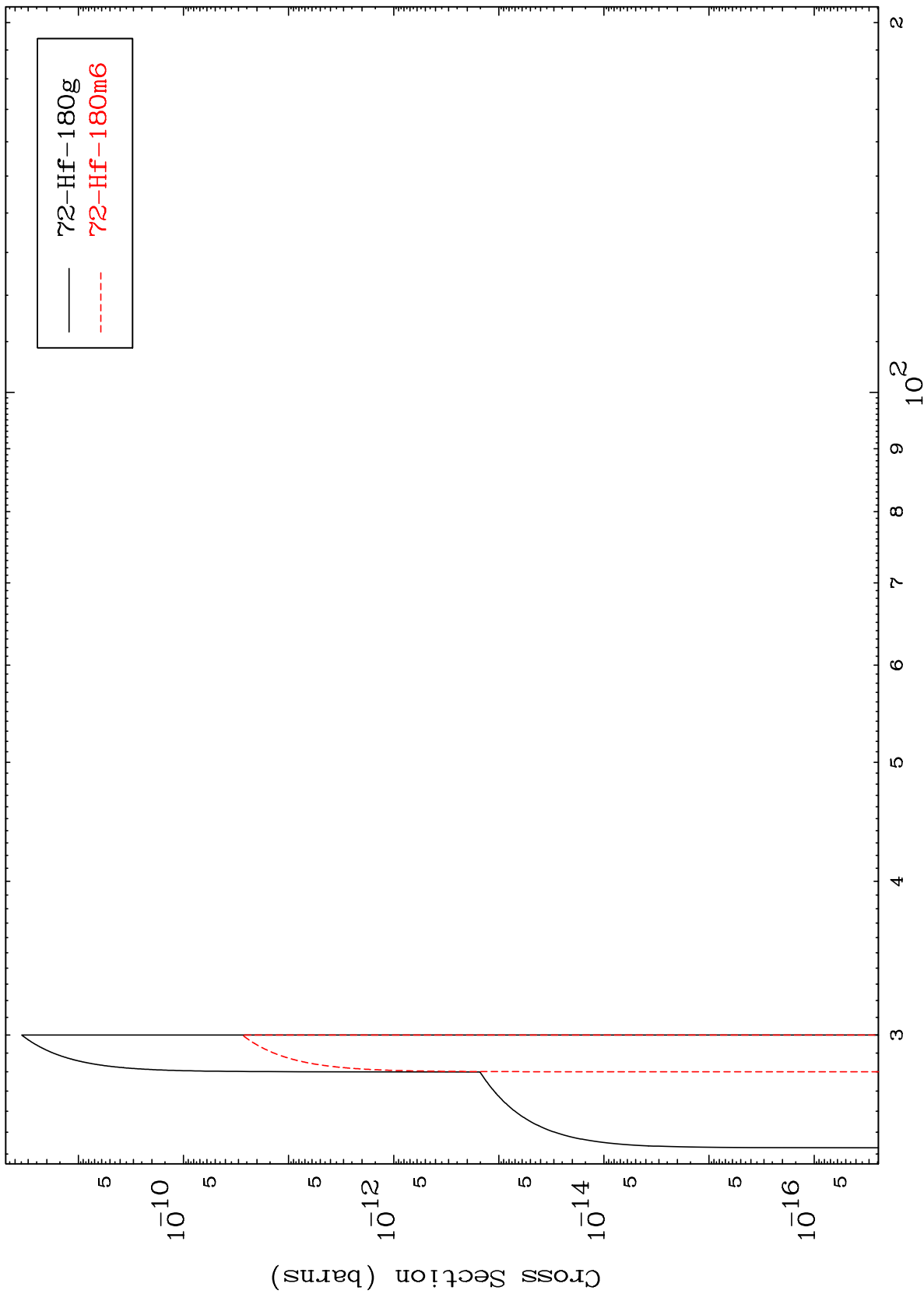


10

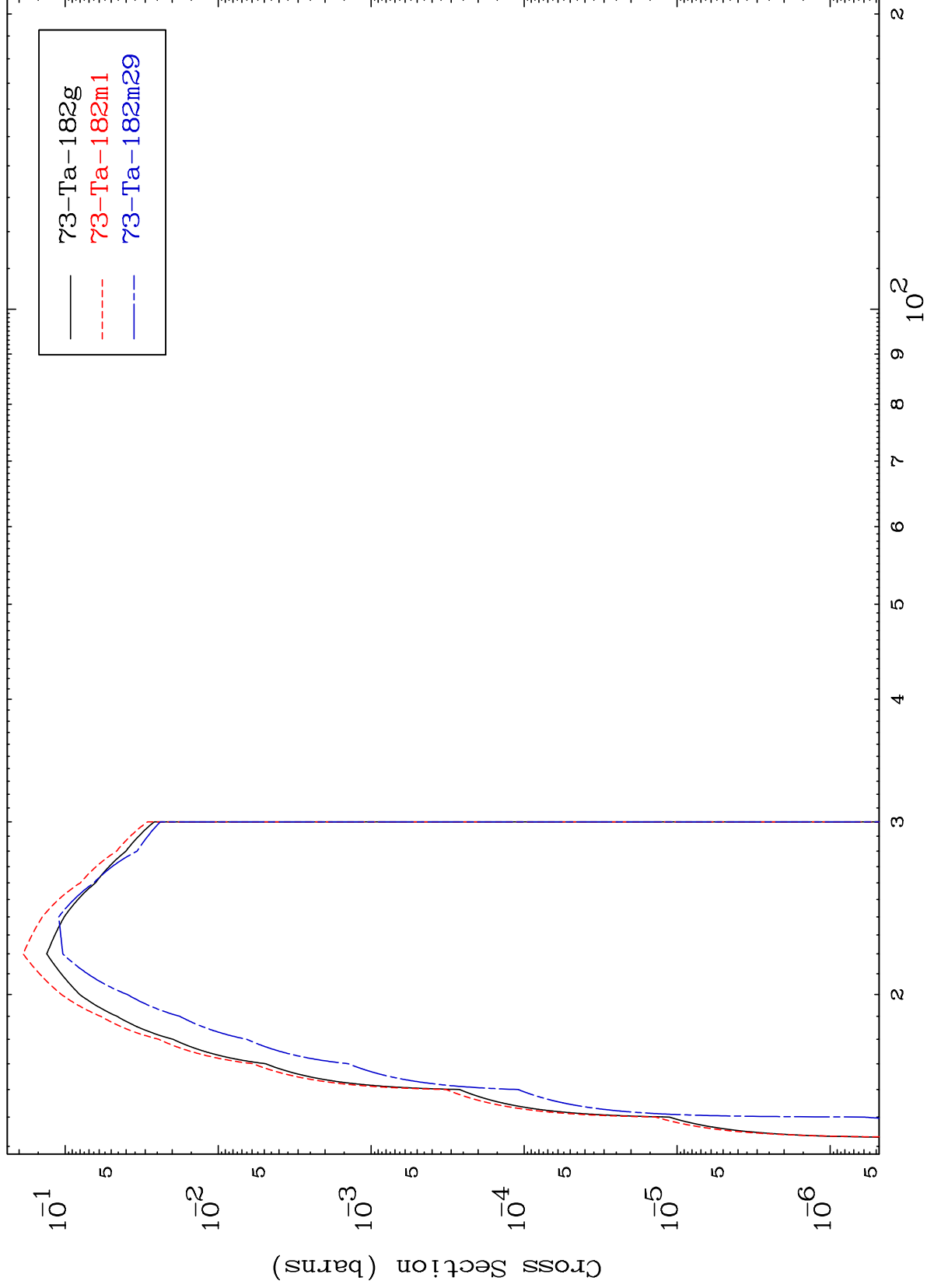
Incident Energy (MeV)

71-Lu-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

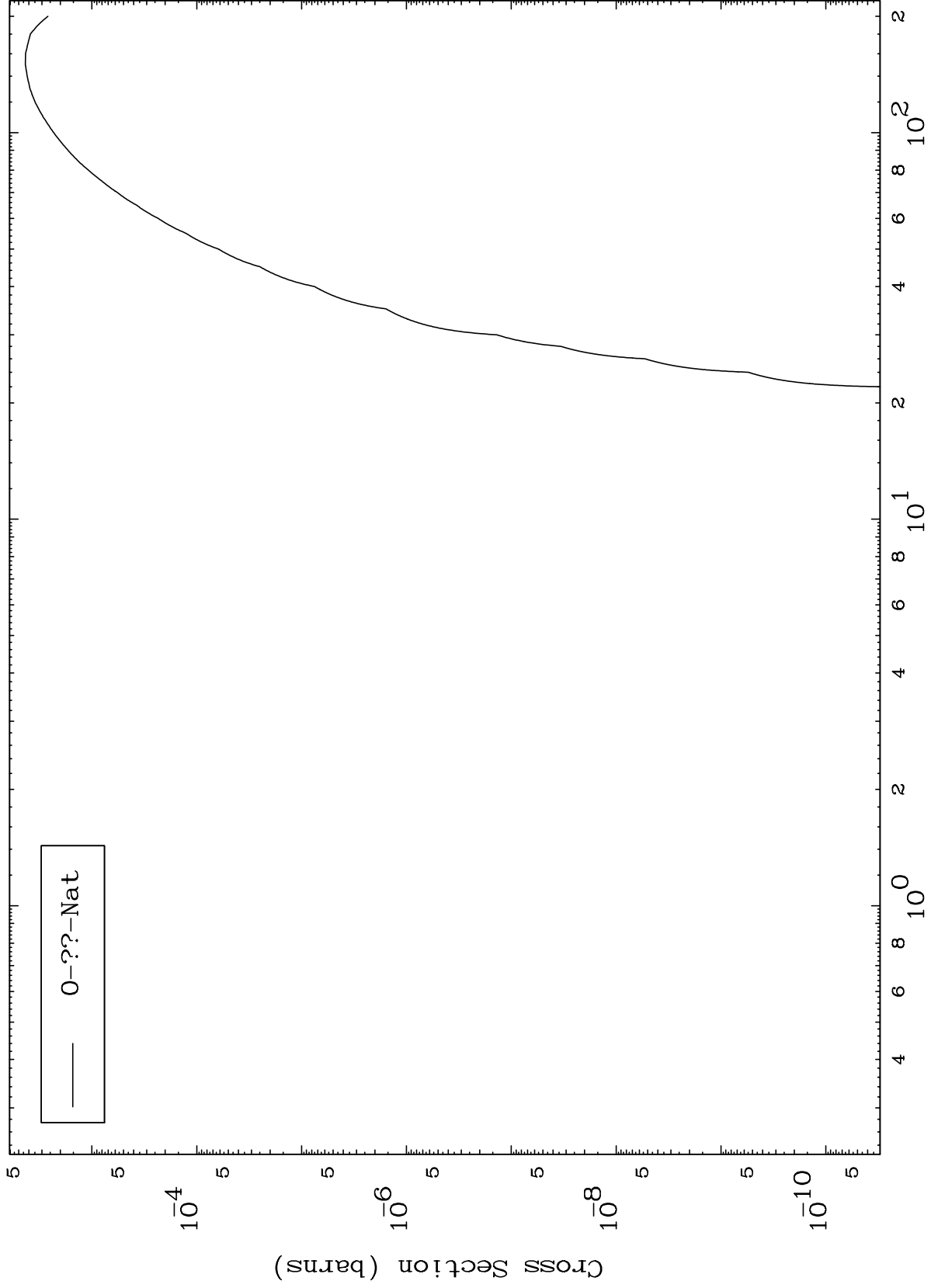


MAT 7140

Fission

⁷¹Lu-180

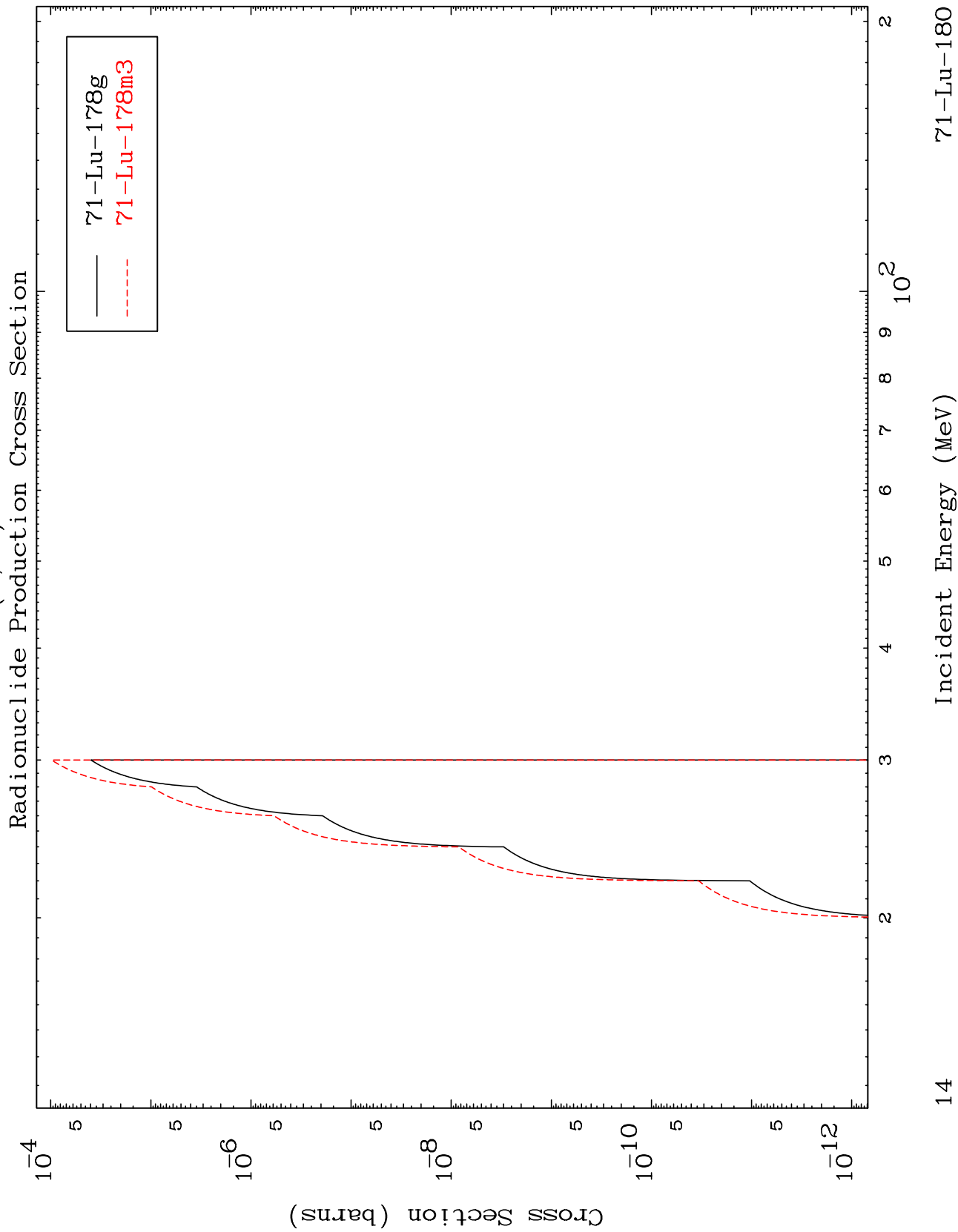
Radionuclide Production Cross Section



MAT 7140

$(n,2n) \alpha$

71-Lu-180



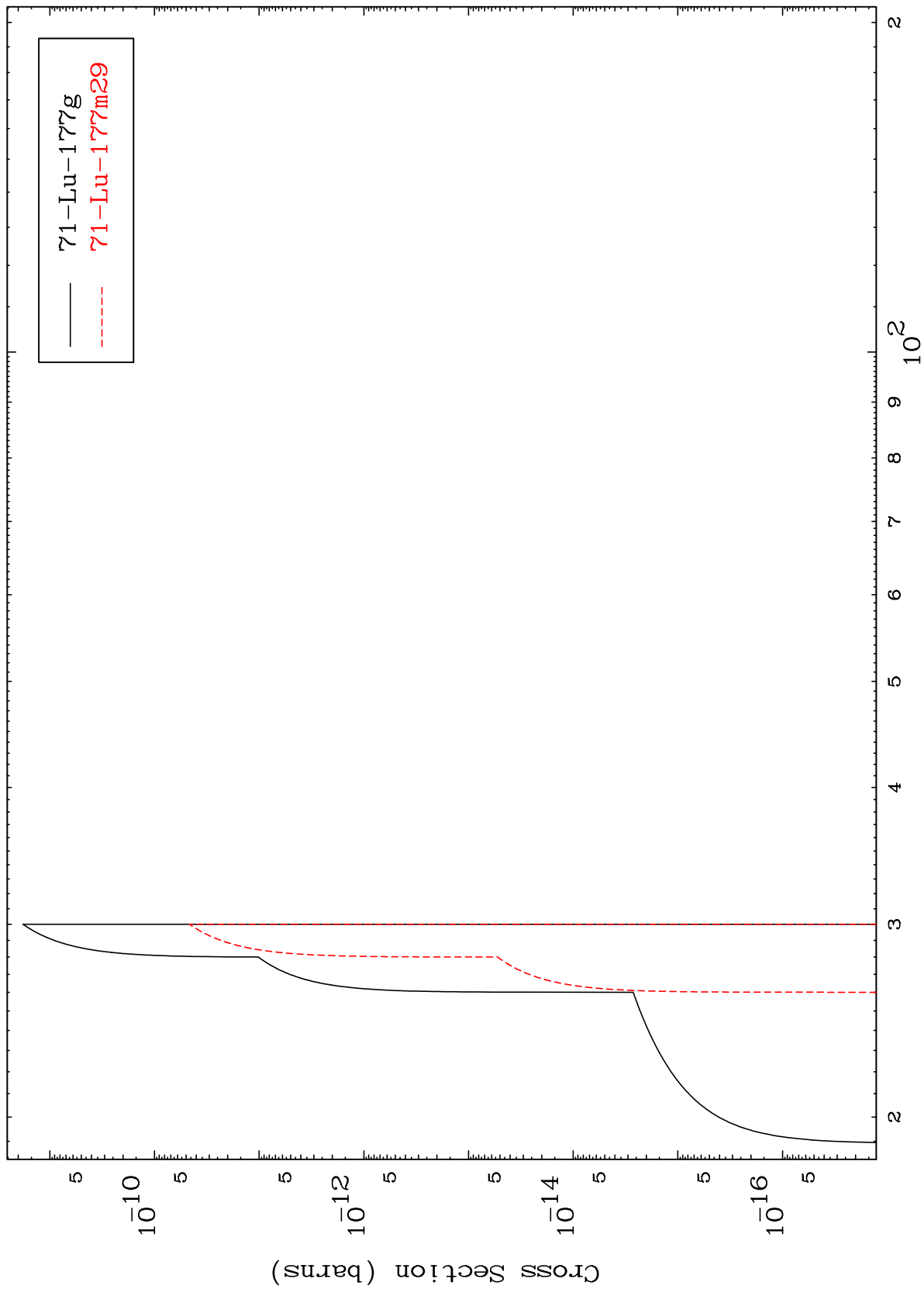
14

MAT 7140

$(n,3n) \alpha$

71-Lu-180

Radionuclide Production Cross Section

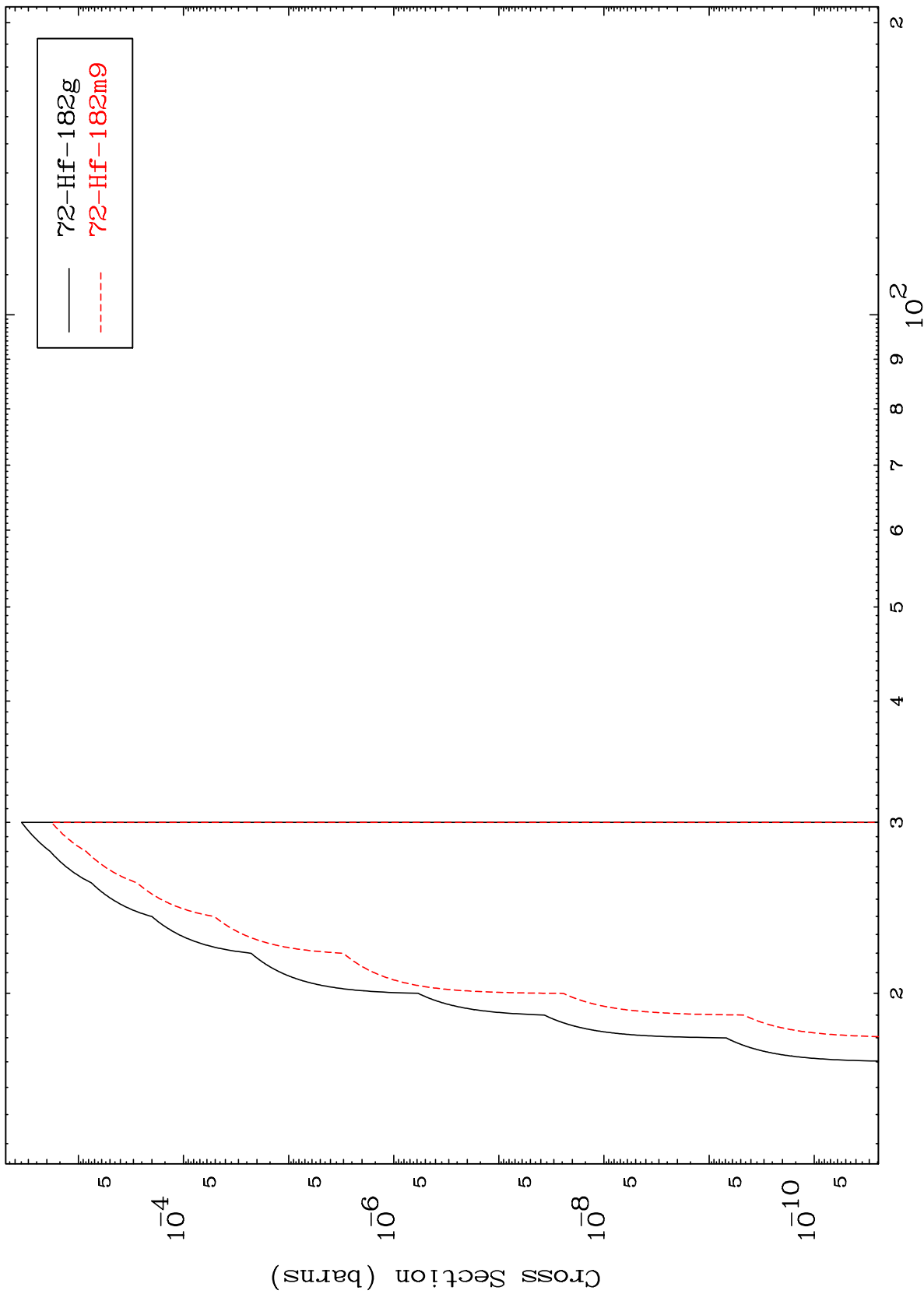


15

Incident Energy (MeV)

71-Lu-180

Radionuclide Production Cross Section

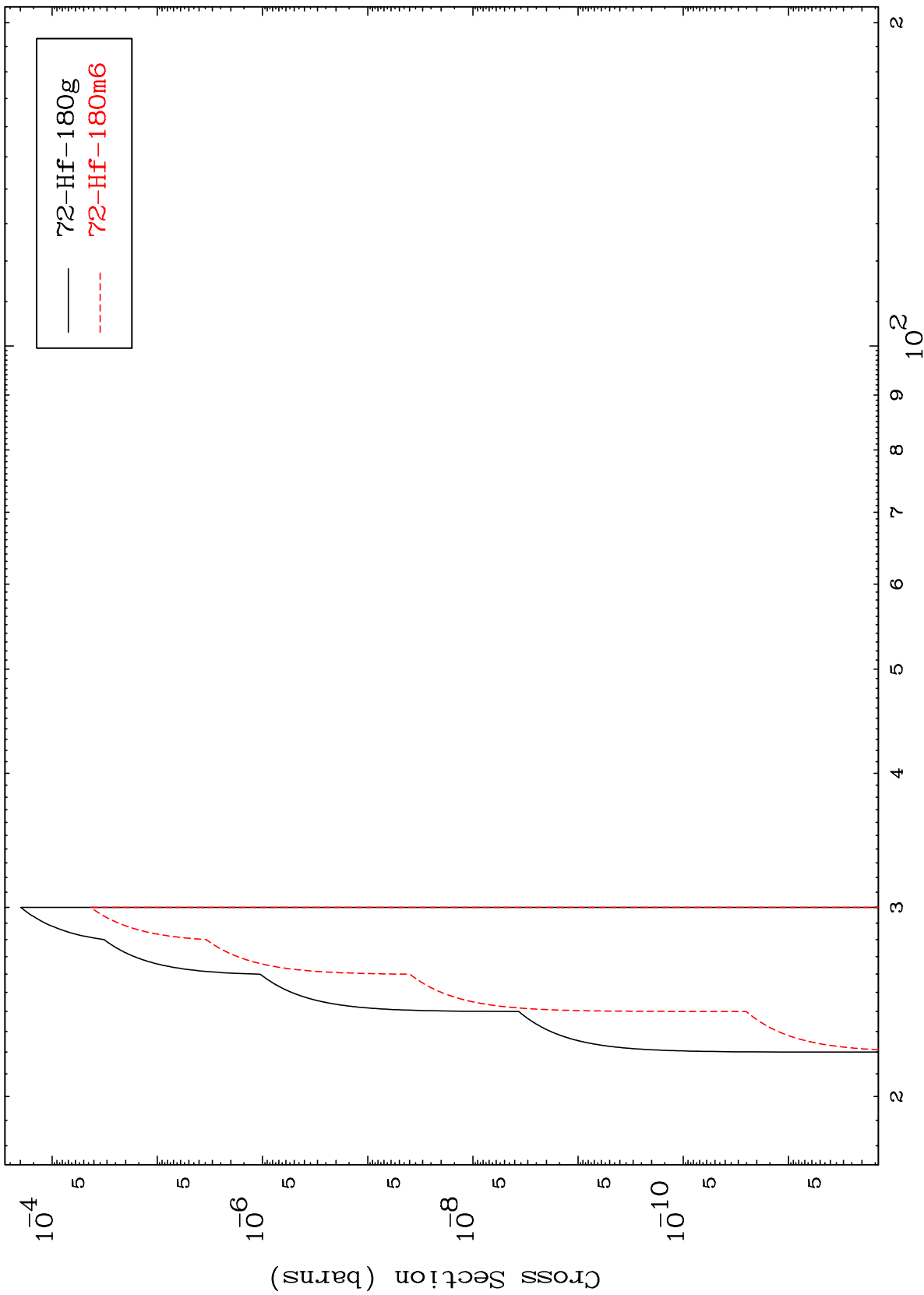


MAT 7140

(n,n') t

71-Lu-180

Radionuclide Production Cross Section



17

Incident Energy (MeV)

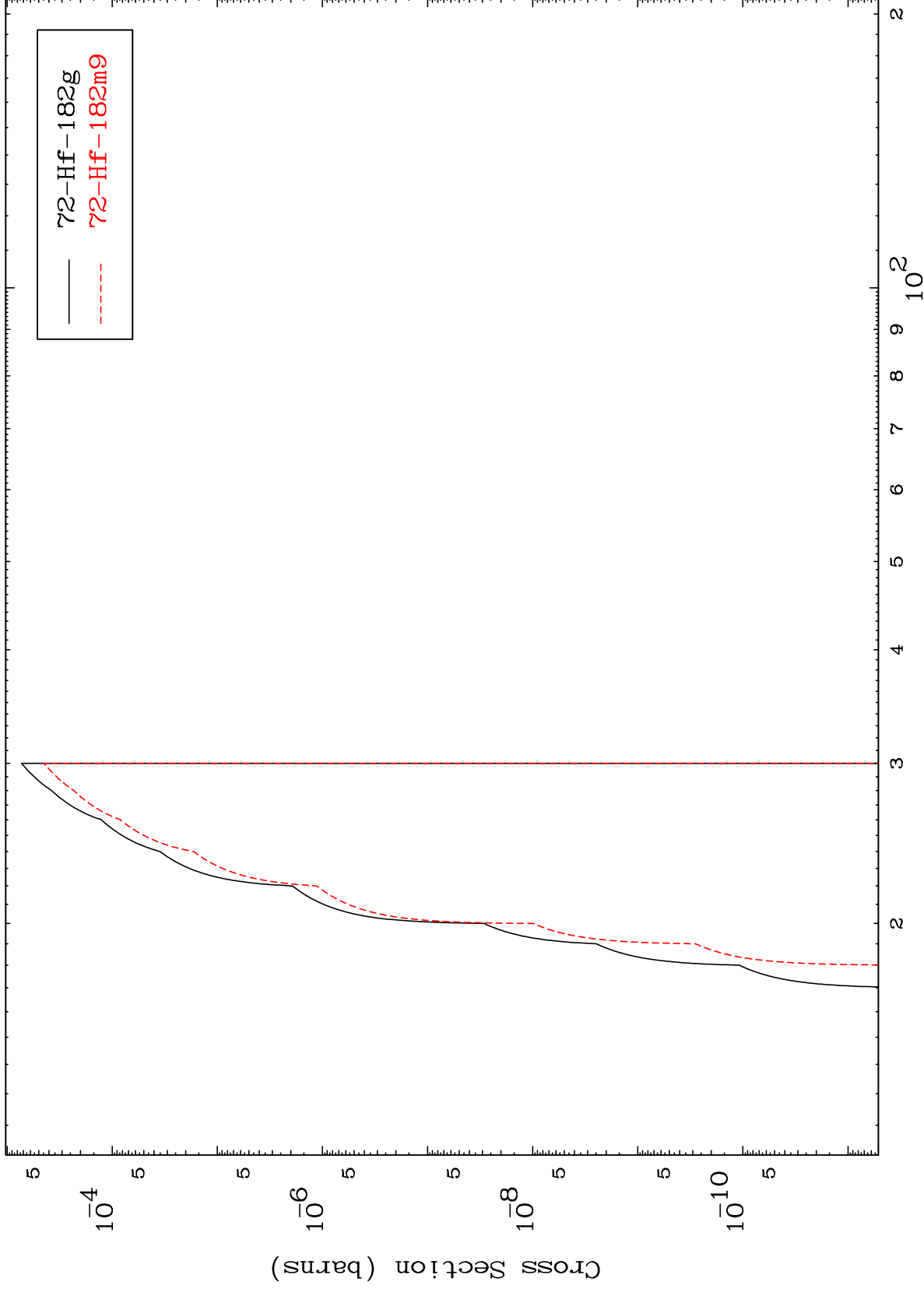
71-Lu-180

MAT 7140

(n,d)

71-Lu-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

71-Lu-180