

Program EVALPLOT
(Version 2021-1)

by

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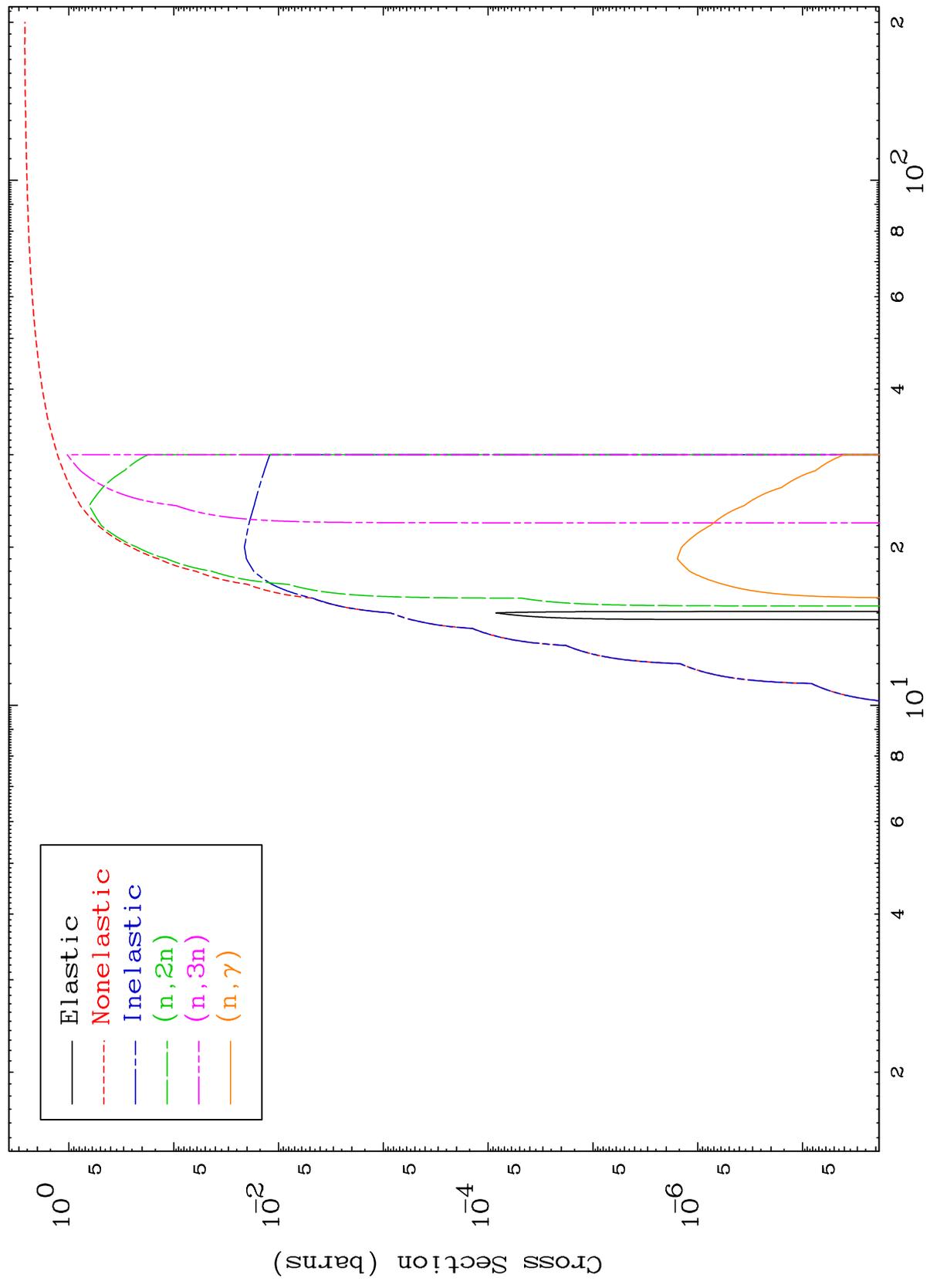
Press Mouse Button to Start

MAT 7134

0 Kelvin

Major Cross Sections

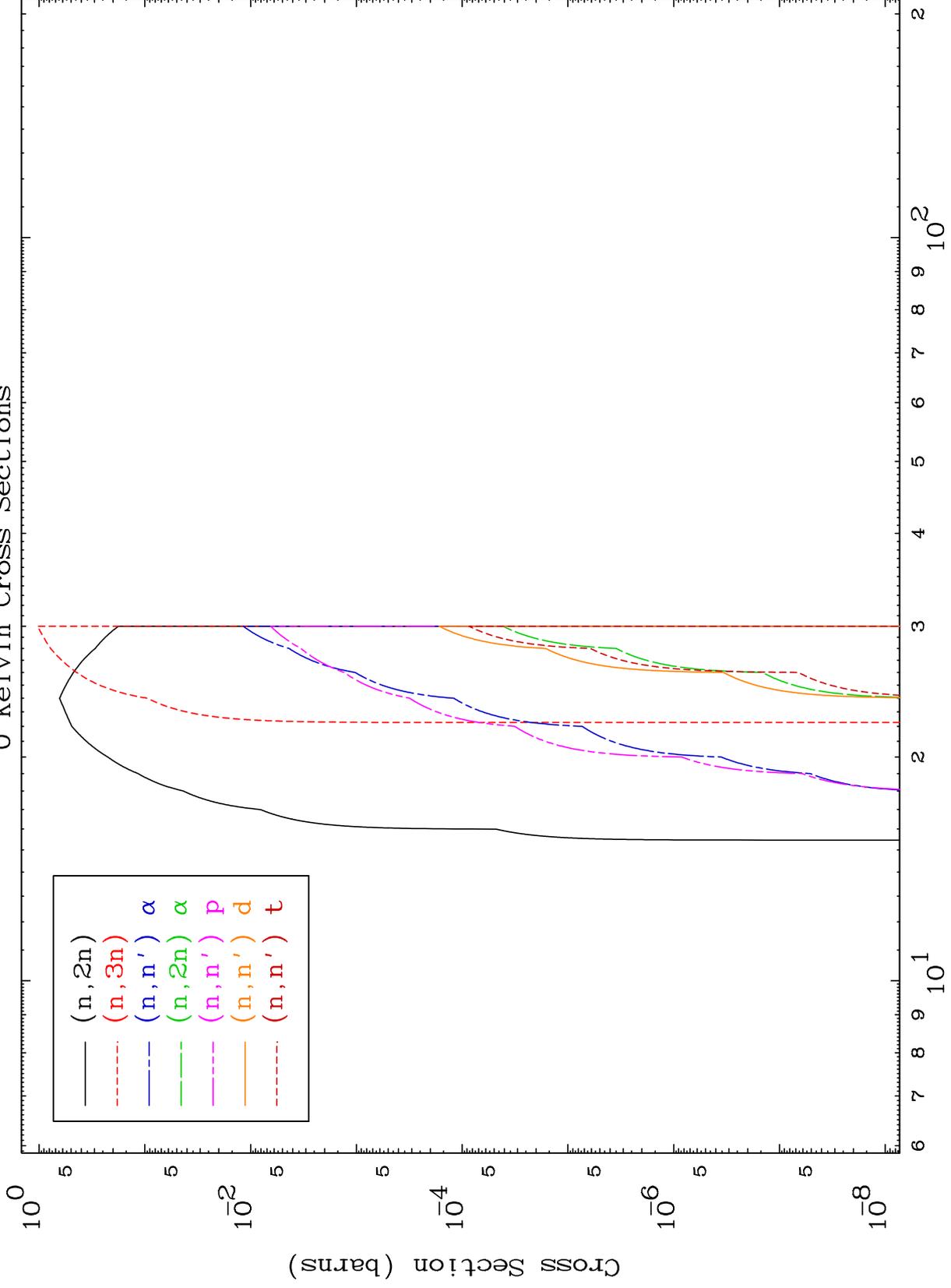
⁷¹Lu-178



MAT 7134

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178



2

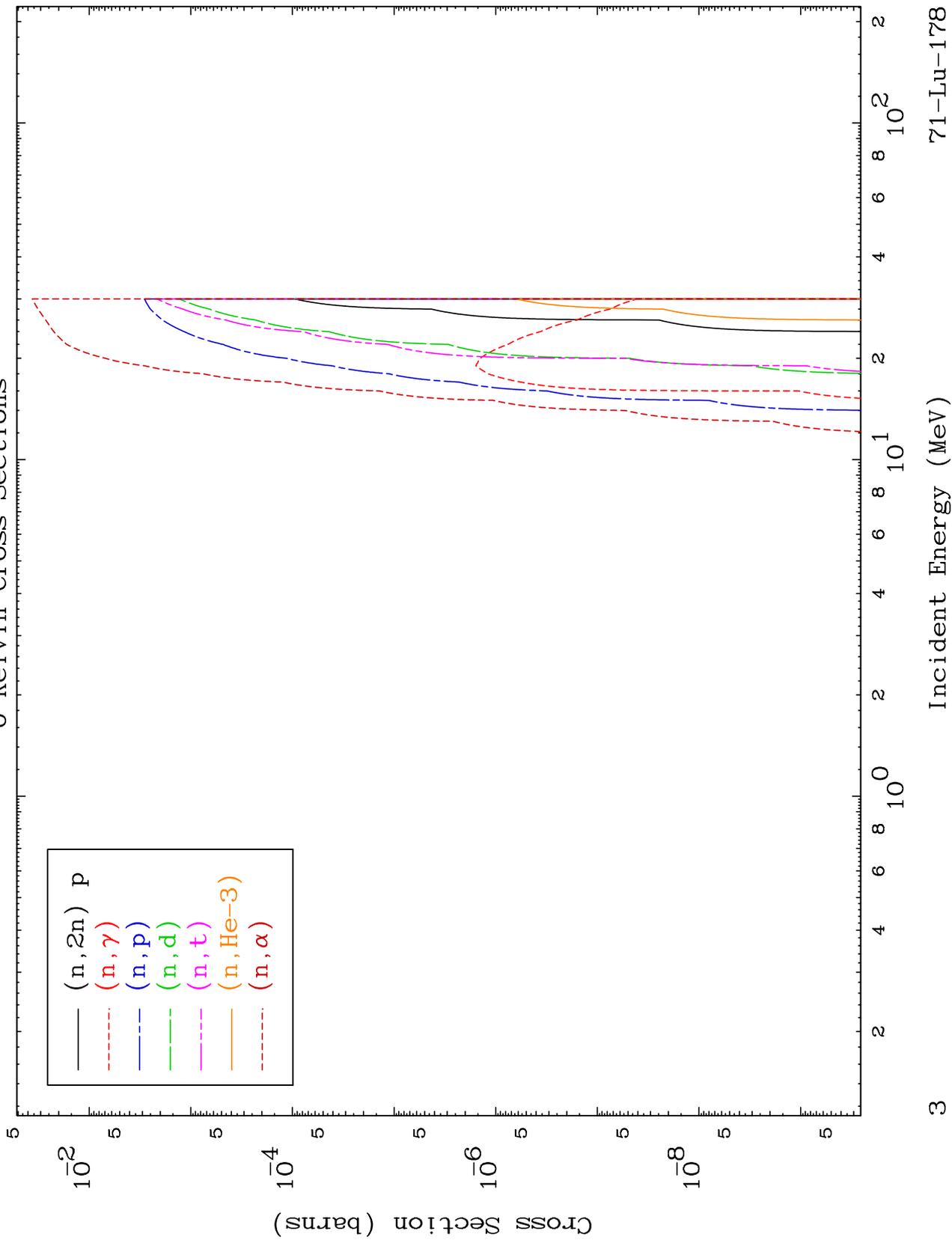
Incident Energy (MeV)

71-Lu-178

MAT 7134

α Neutron Absorption
0 Kelvin Cross Sections

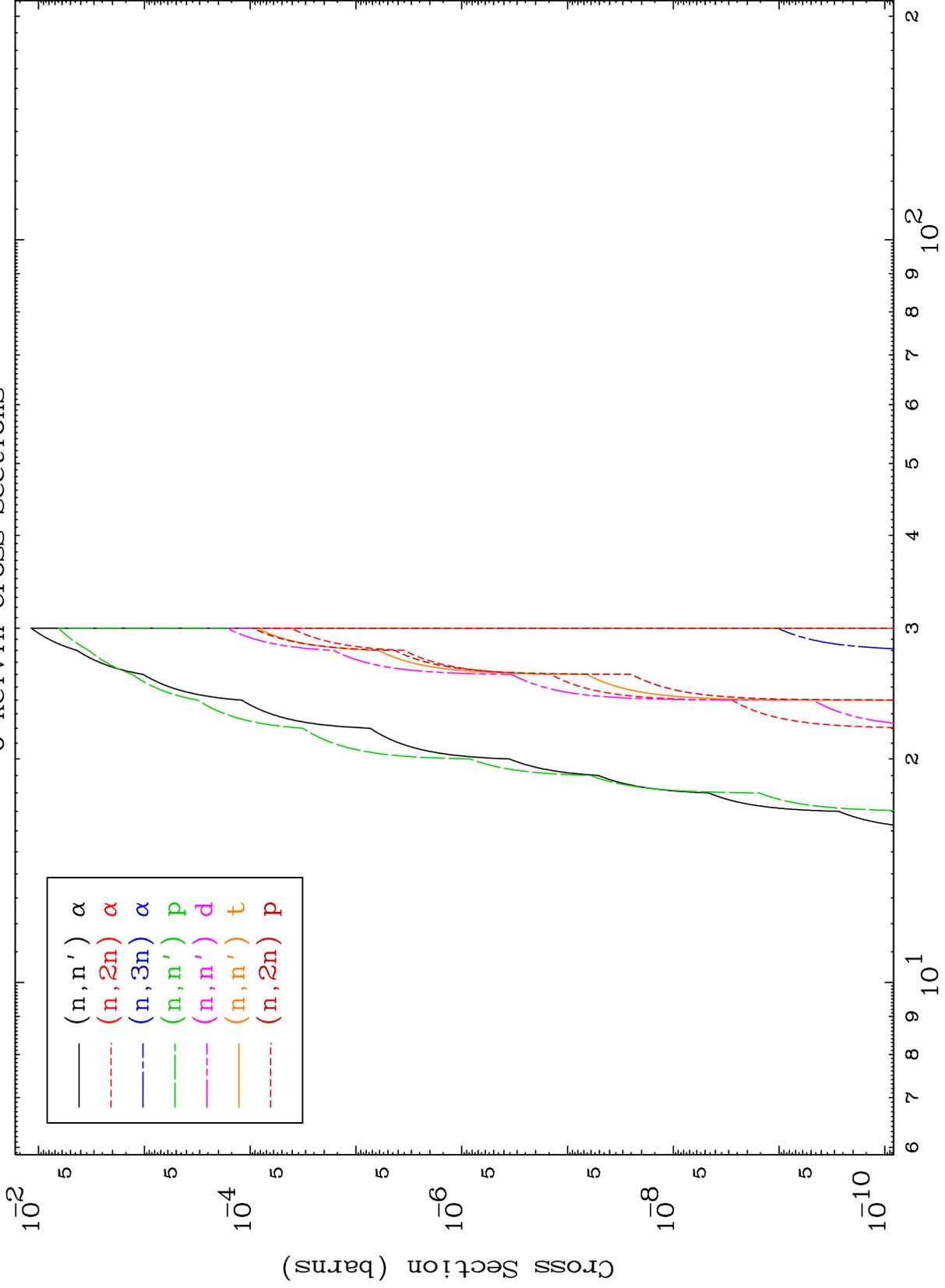
71-Lu-178



MAT 7134

α Charged Particle
0 Kelvin Cross Sections

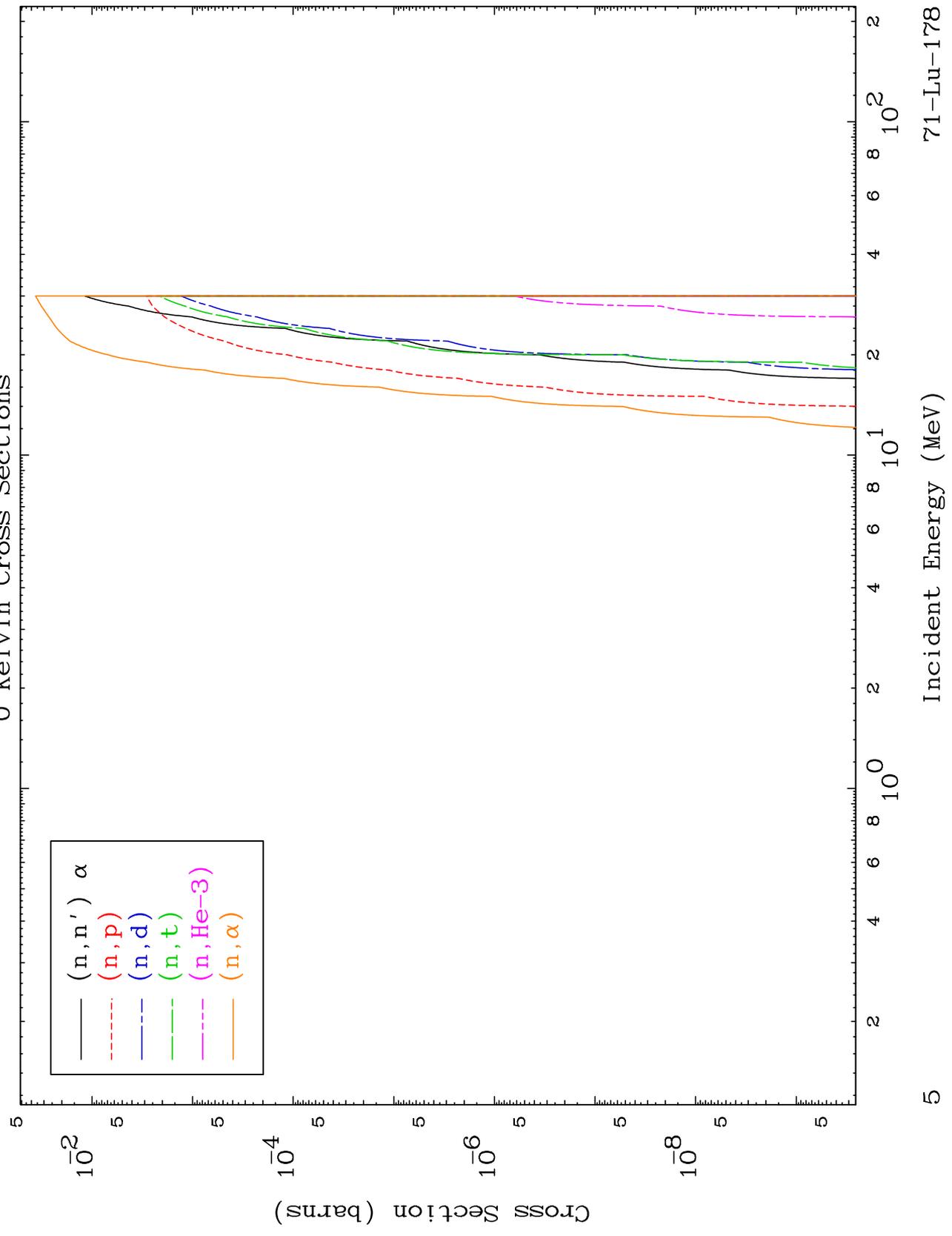
71-Lu-178



4

Incident Energy (MeV)

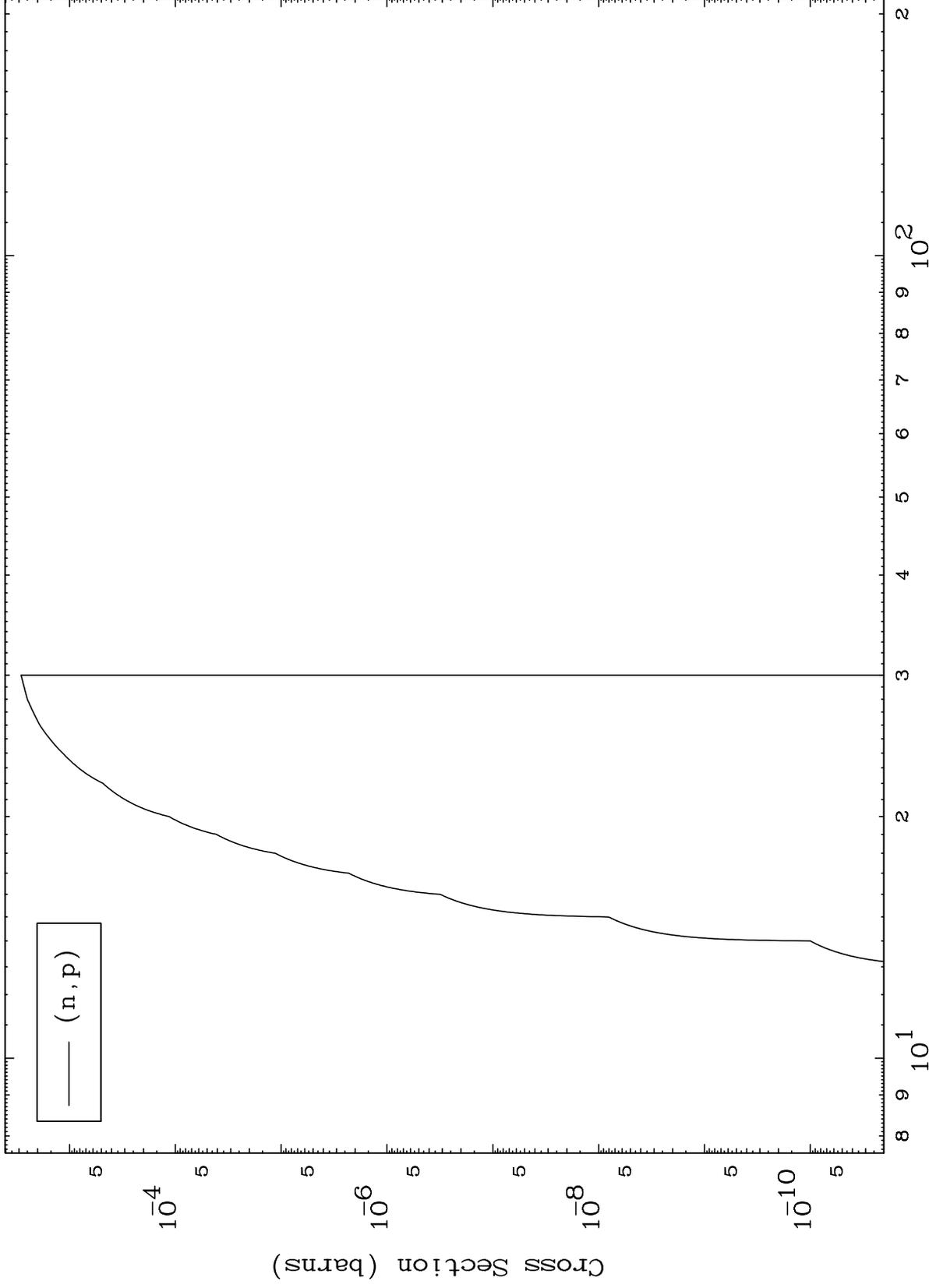
71-Lu-178



MAT 7134

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-178

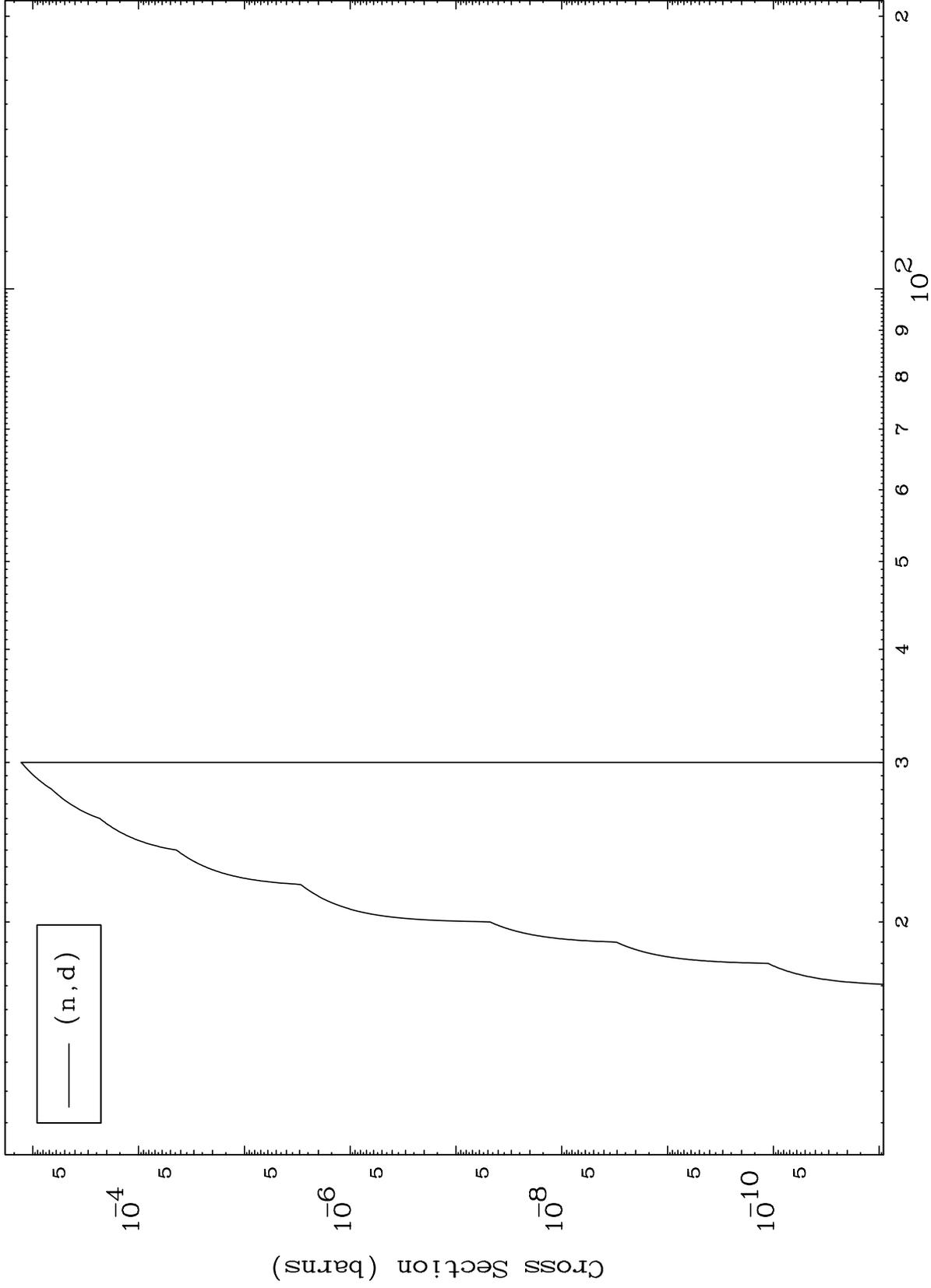


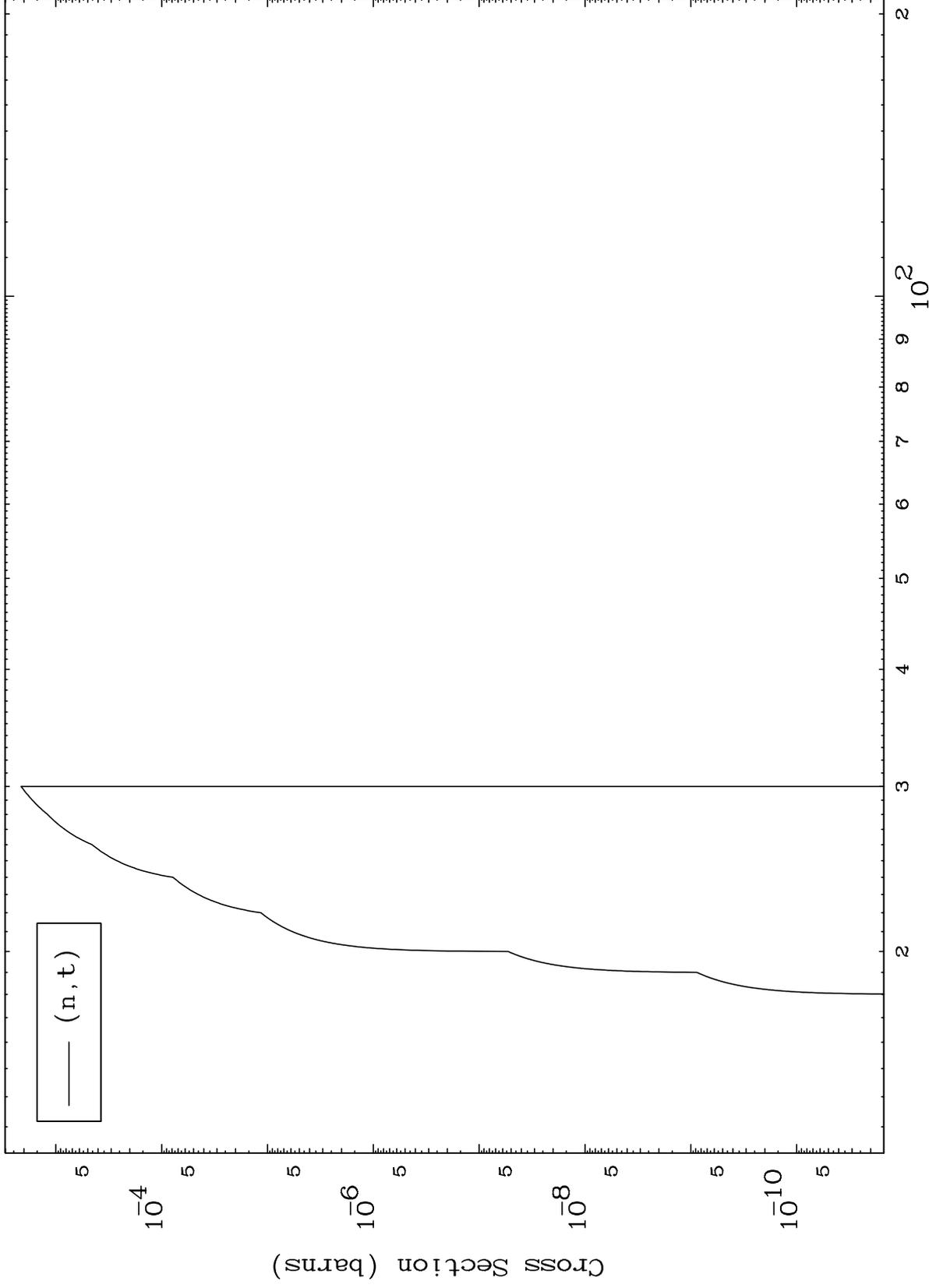
(n, p)

6

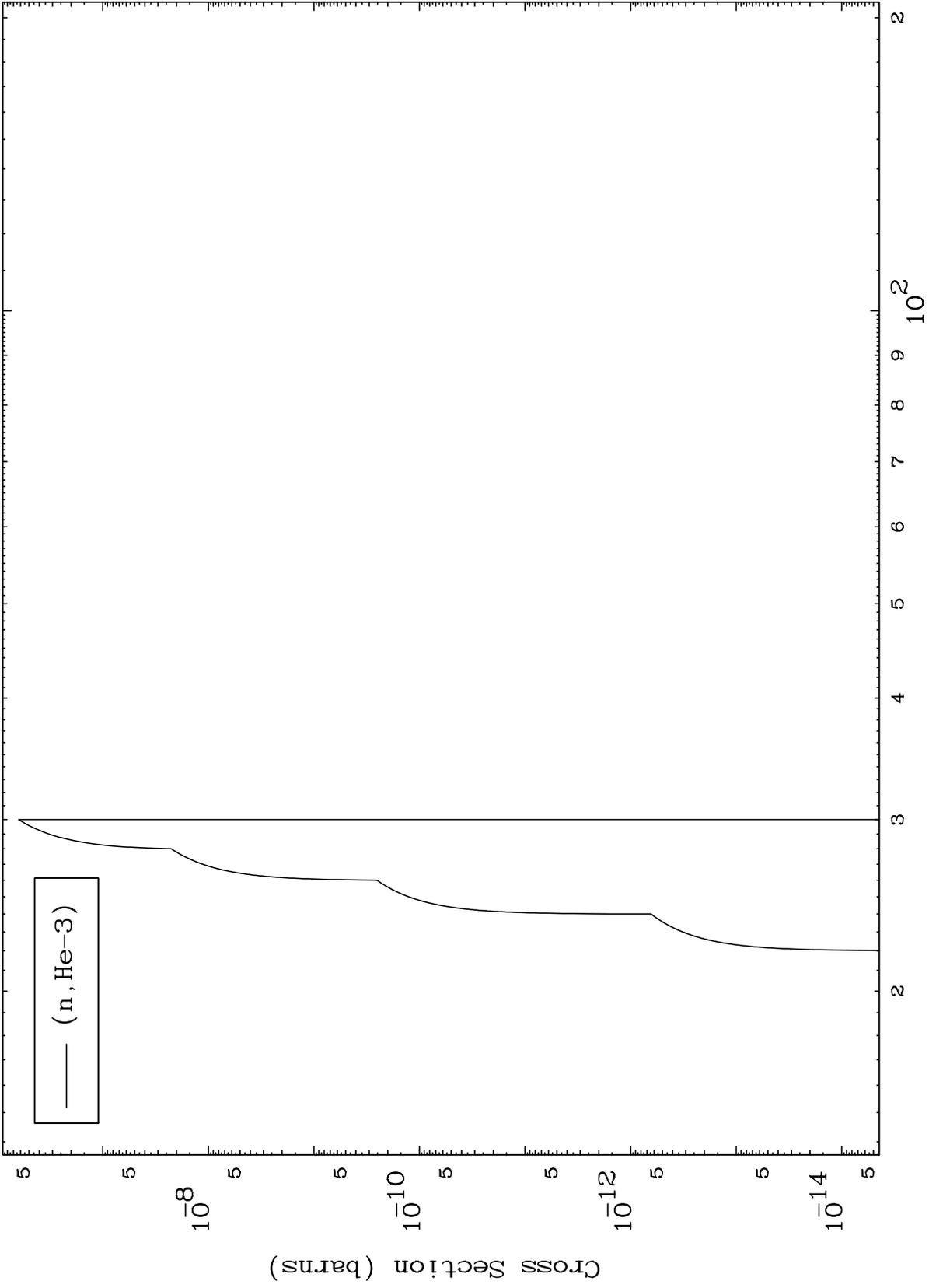
Incident Energy (MeV)

71-Lu-178





($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

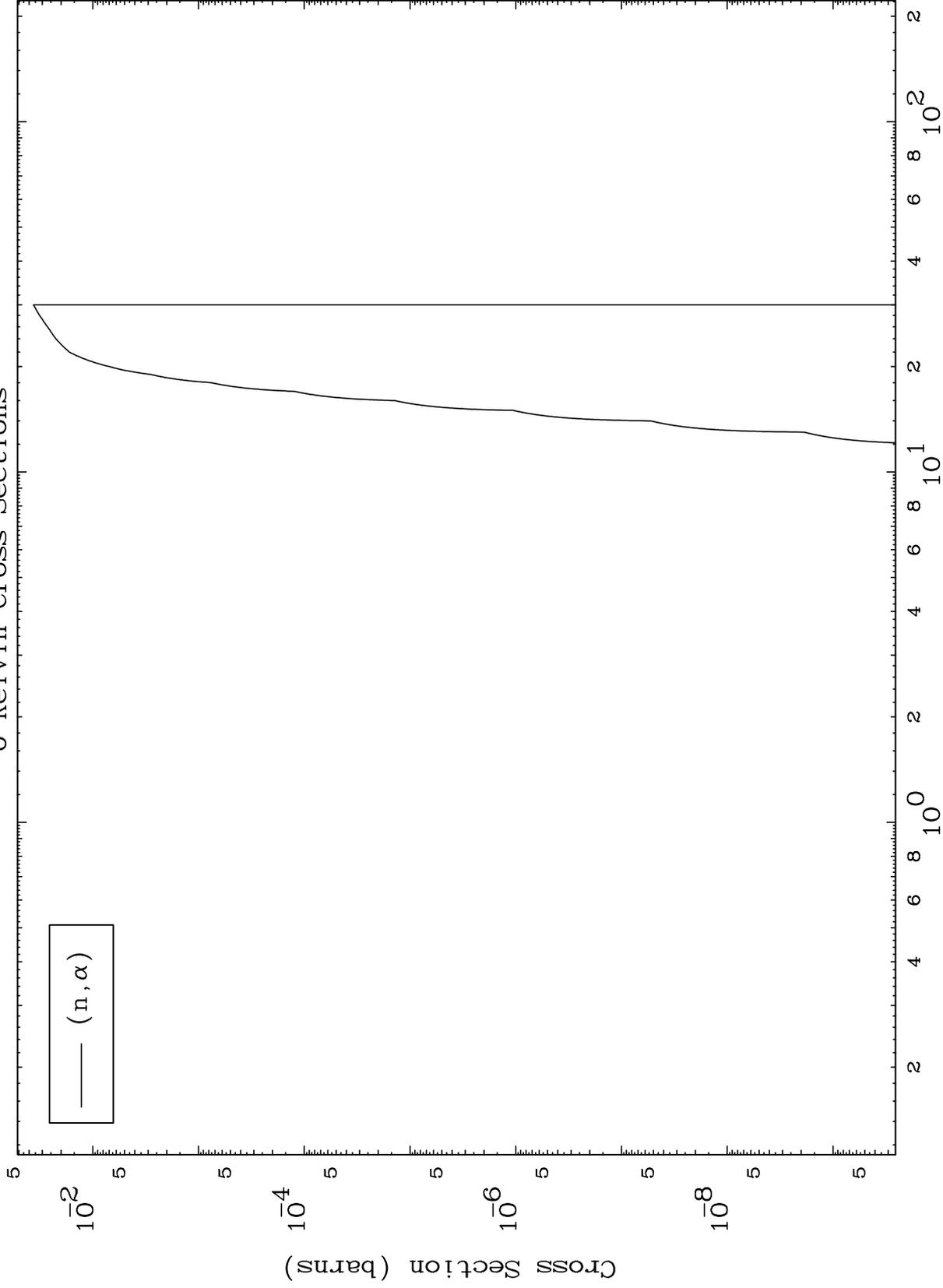


MAT 7134

(α, α) Levels

71-Lu-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

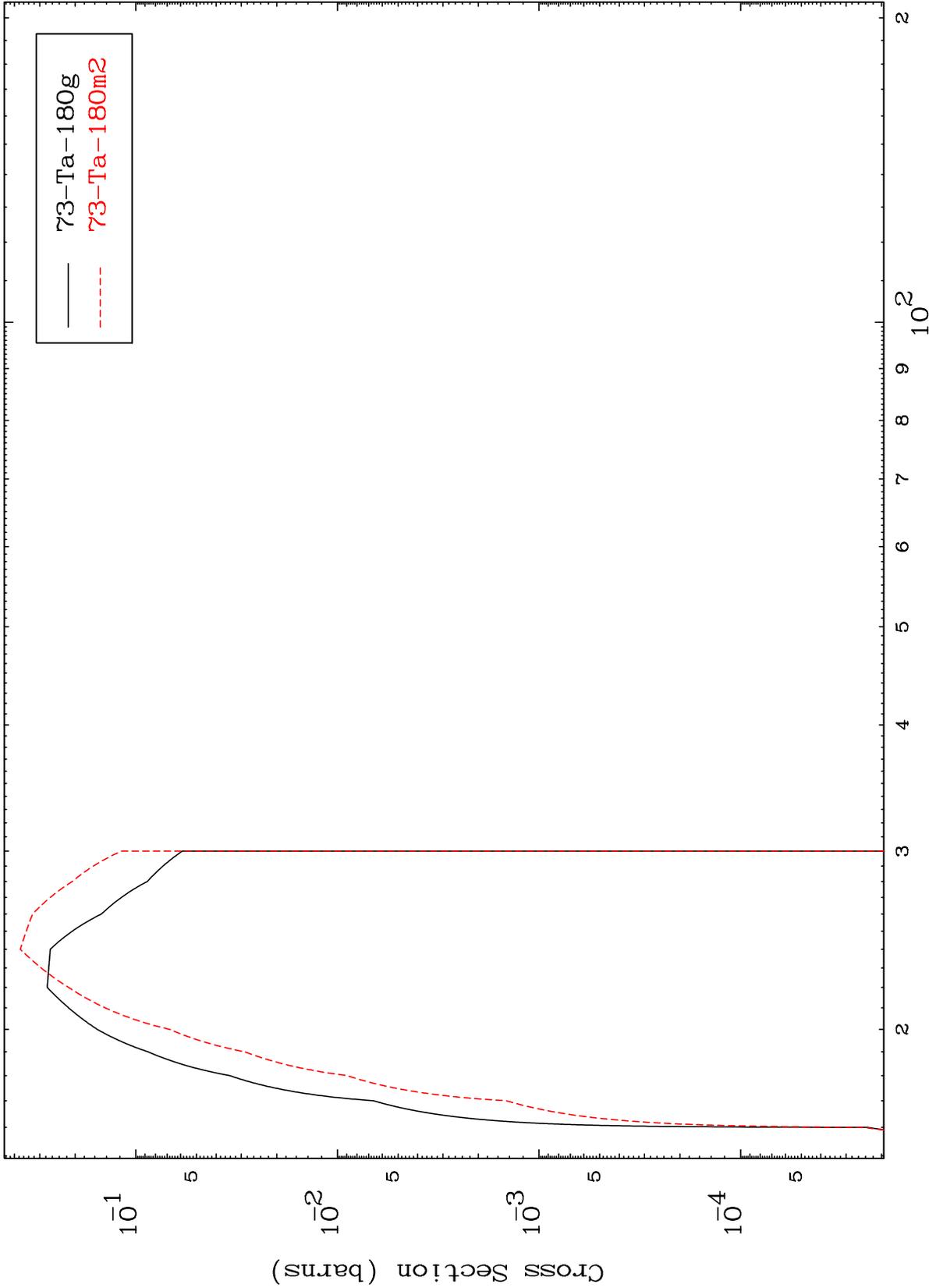
71-Lu-178

MAT 7134

(n,2n)

71-Lu-178

Radionuclide Production Cross Section



11

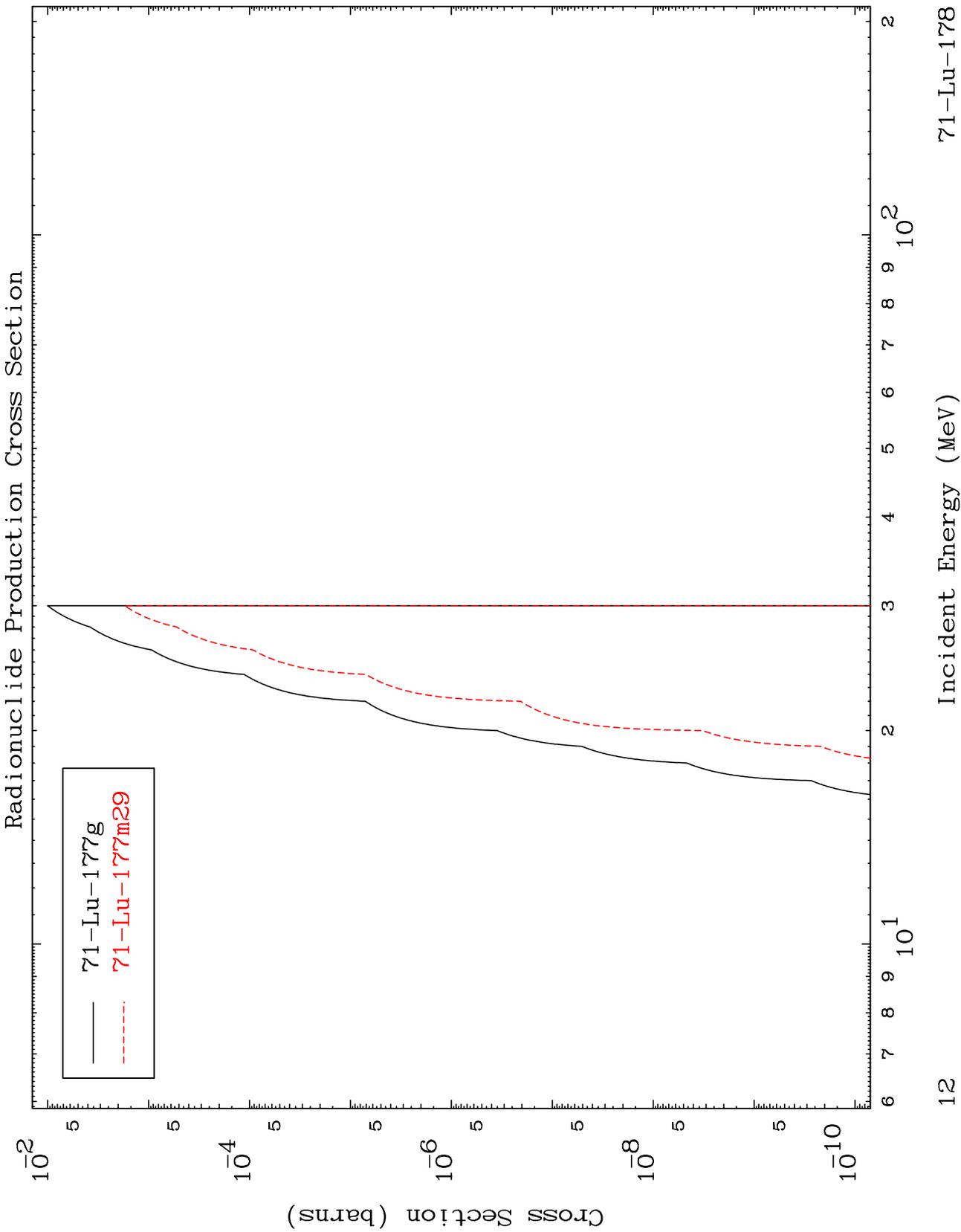
Incident Energy (MeV)

71-Lu-178

MAT 7134

$(n, n') \alpha$

$^{71}\text{Lu-178}$



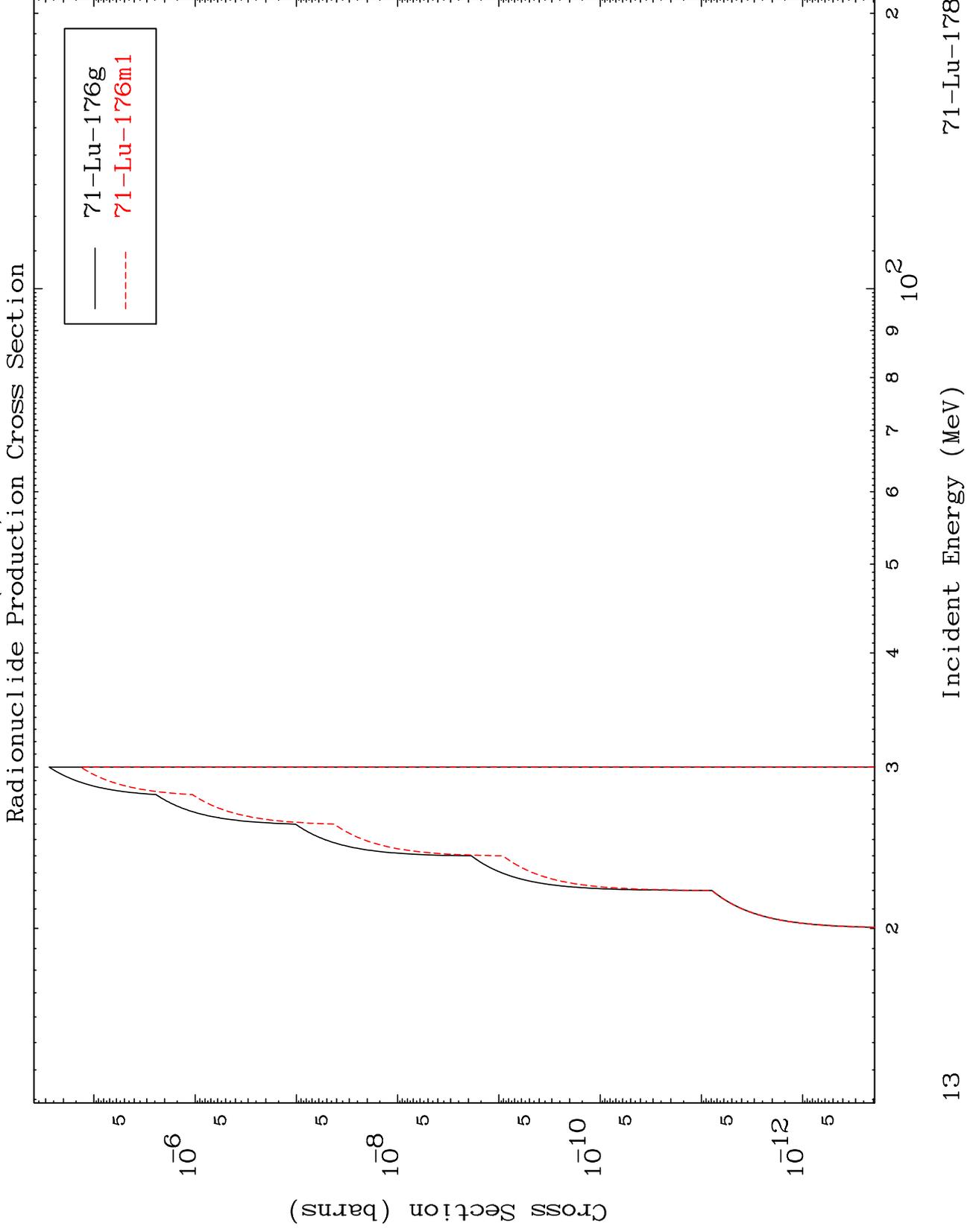
12

$^{71}\text{Lu-178}$

MAT 7134

$(n,2n) \alpha$

$^{71}\text{Lu-178}$

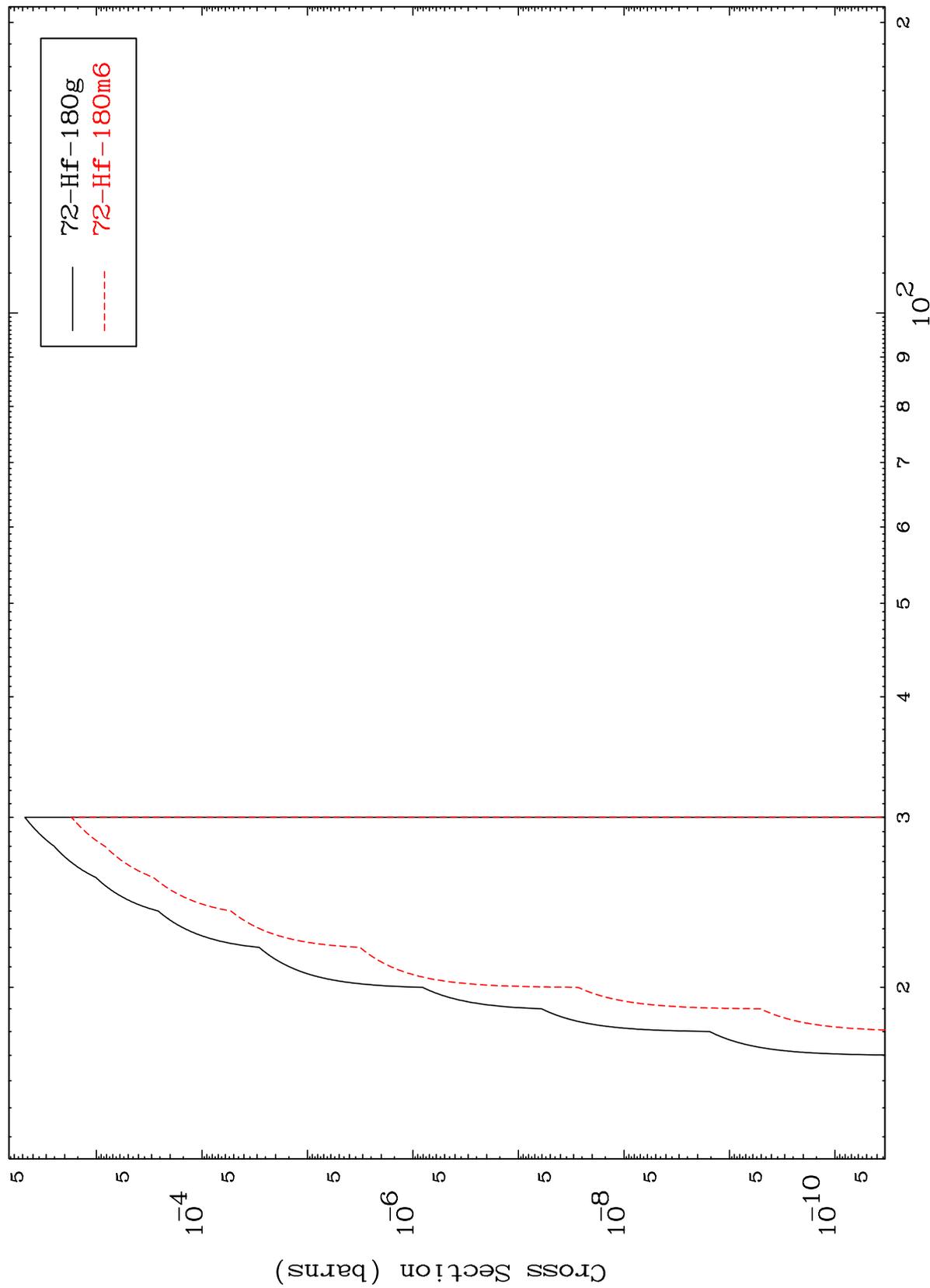


MAT 7134

(n, n') p

71-Lu-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

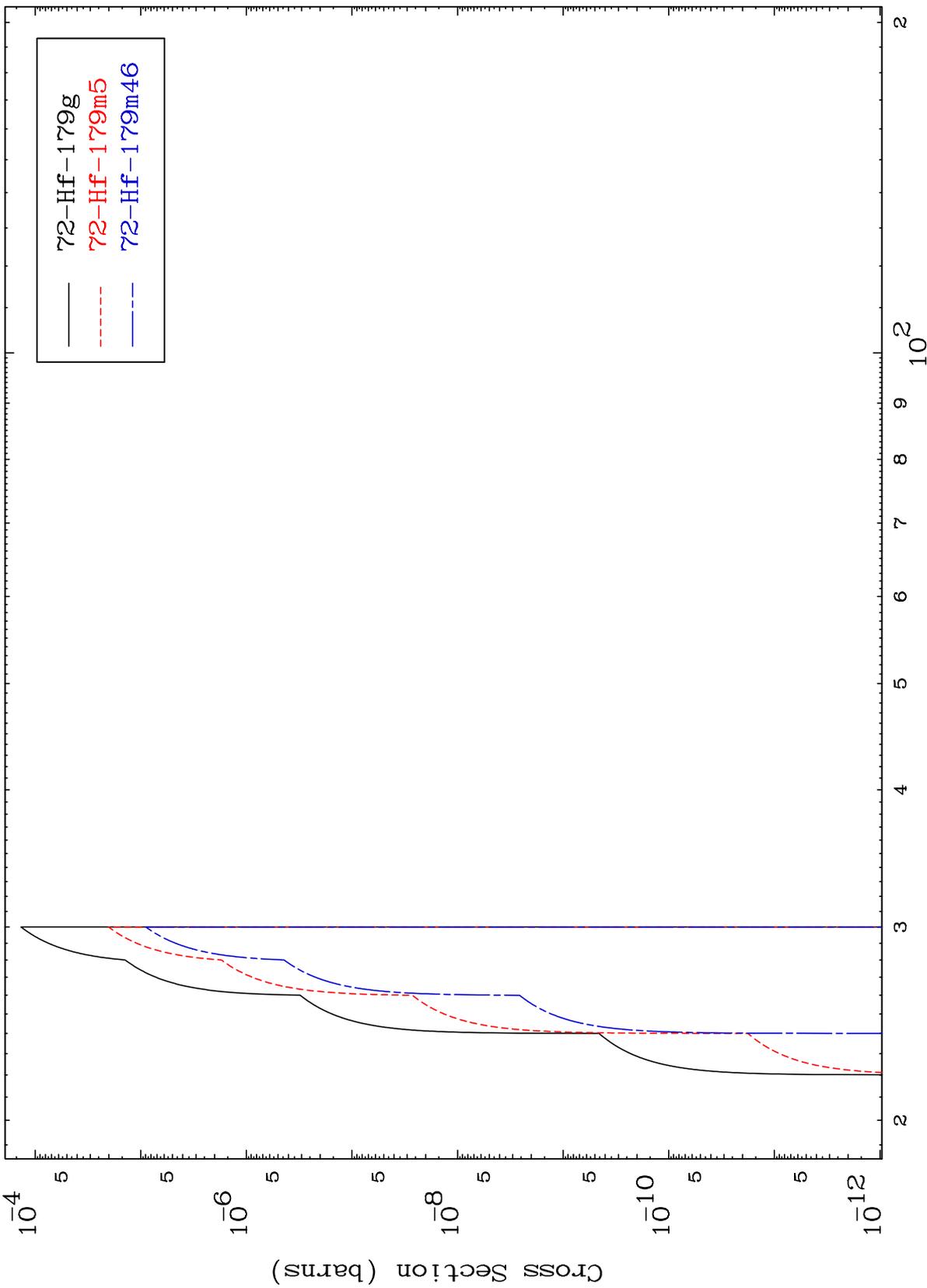
71-Lu-178

MAT 7134

(n,n') d

71-Lu-178

Radionuclide Production Cross Section



15

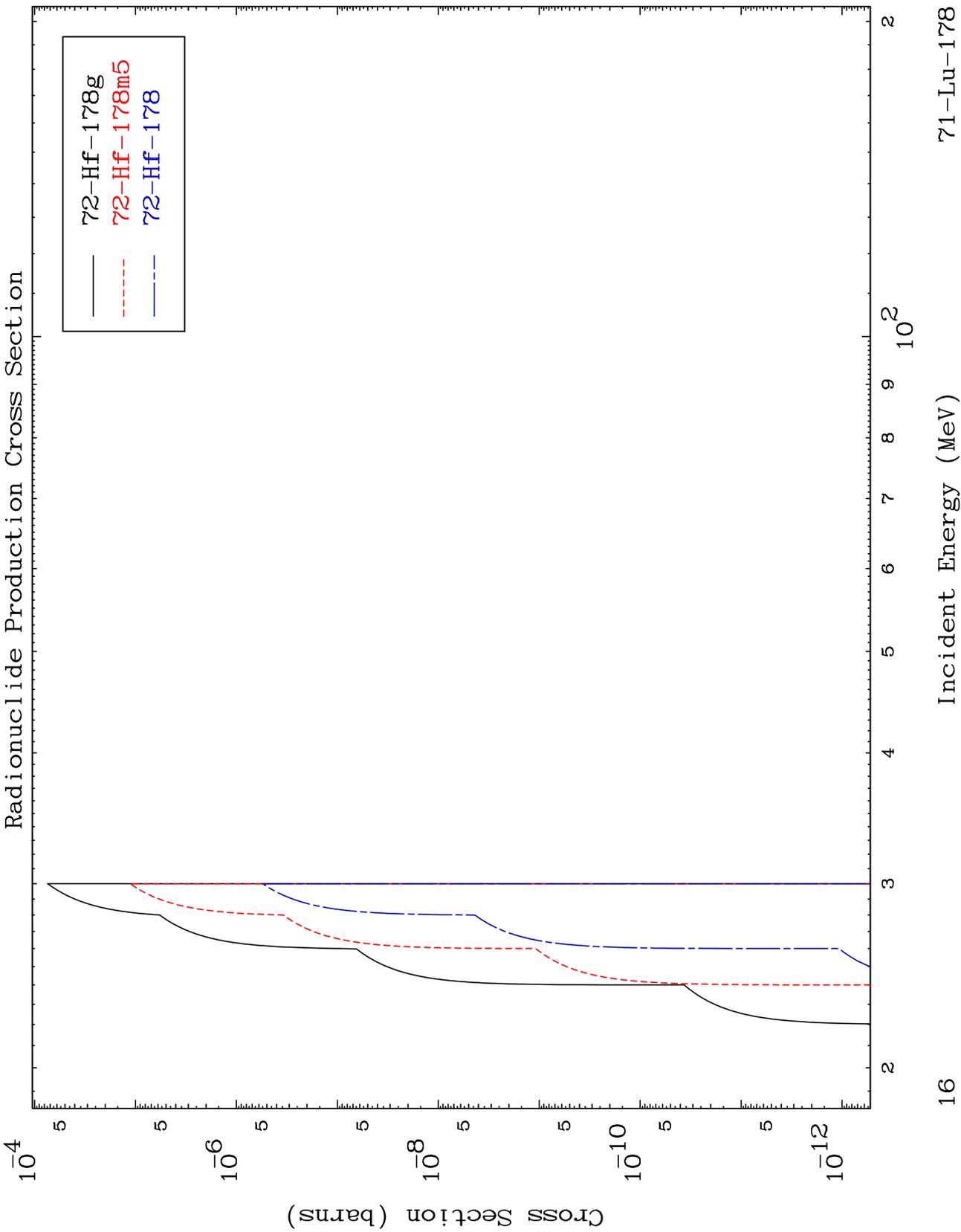
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,n') t

71-Lu-178



16

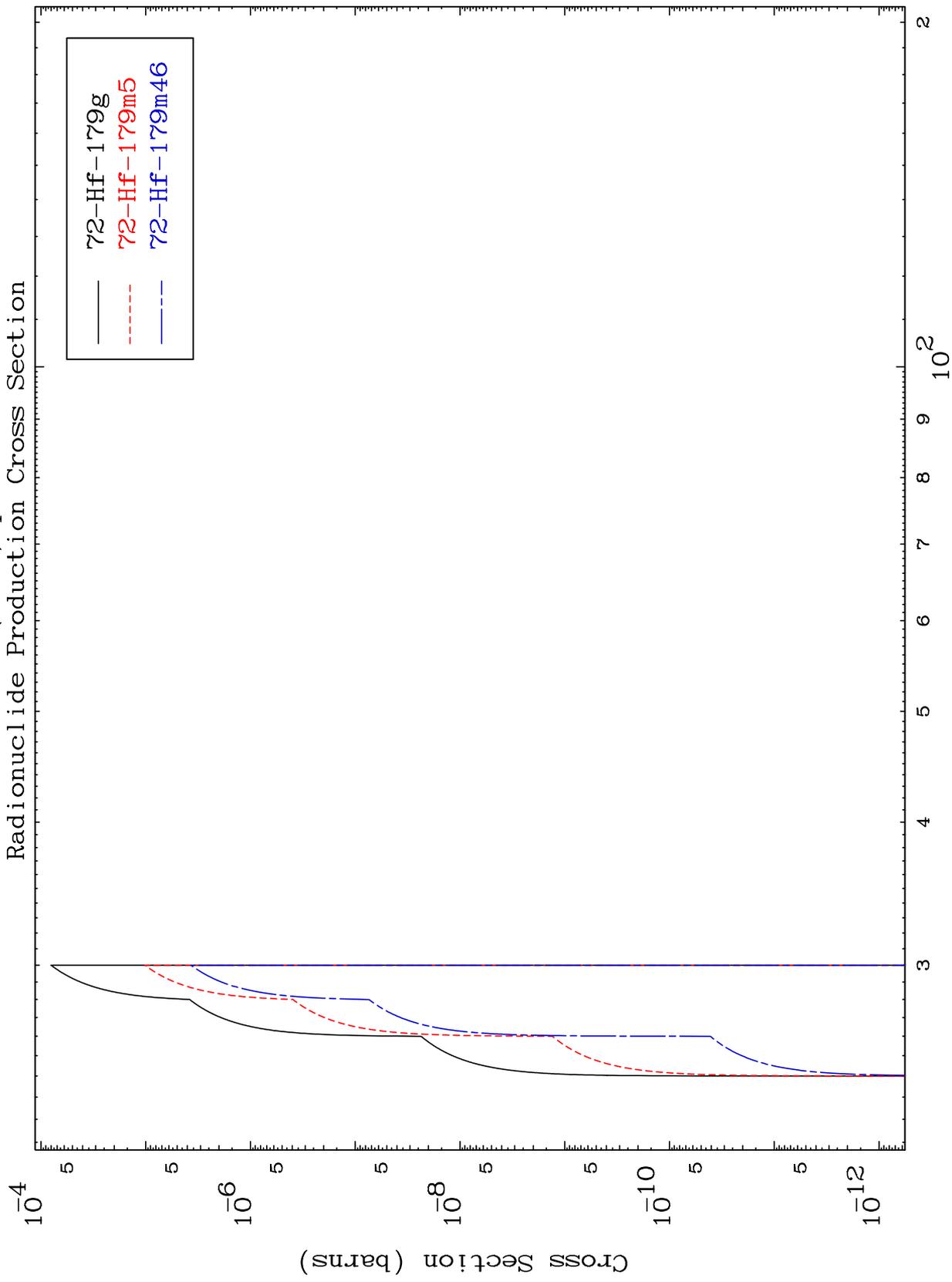
71-Lu-178

MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



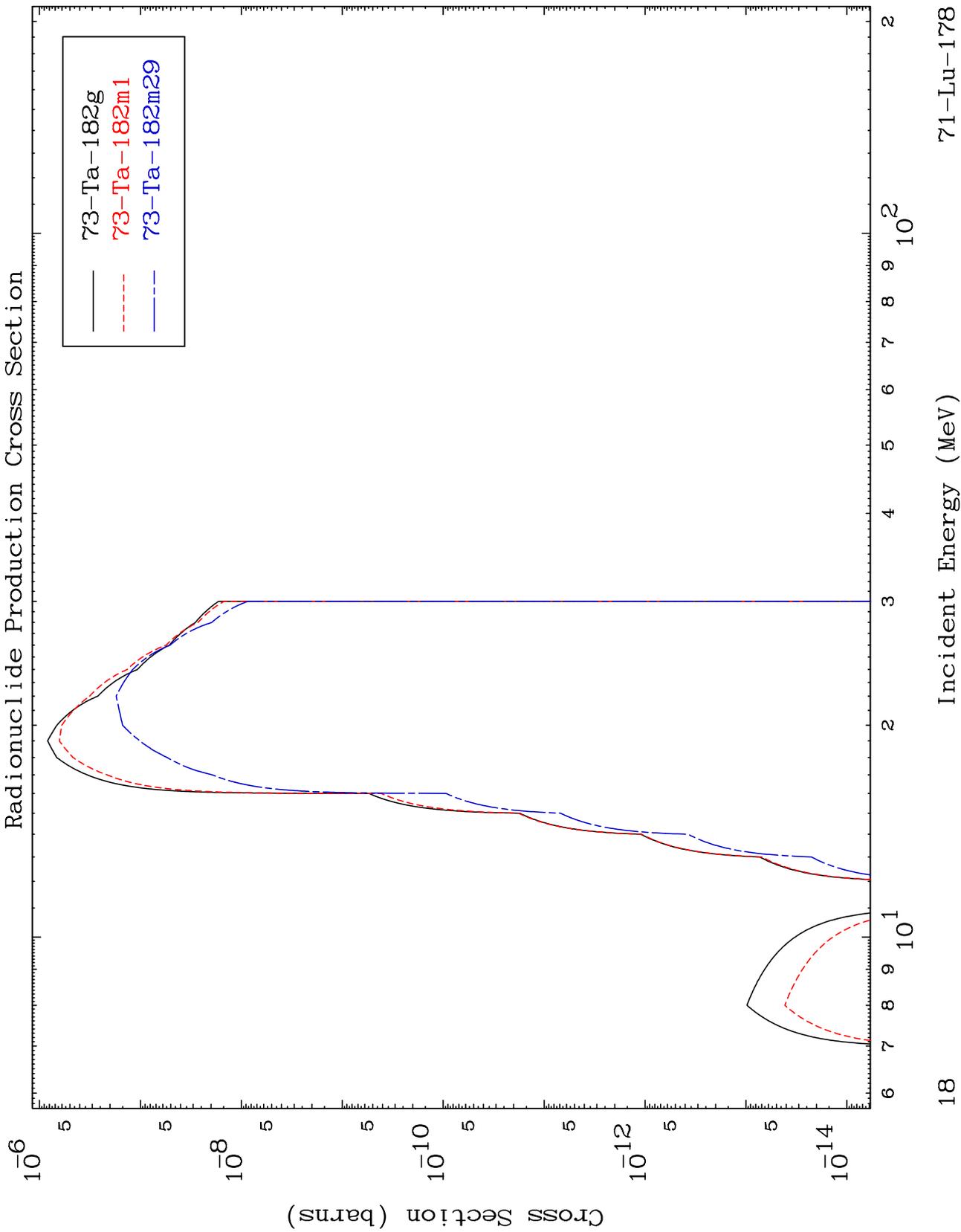
17

Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178



18

Incident Energy (MeV)

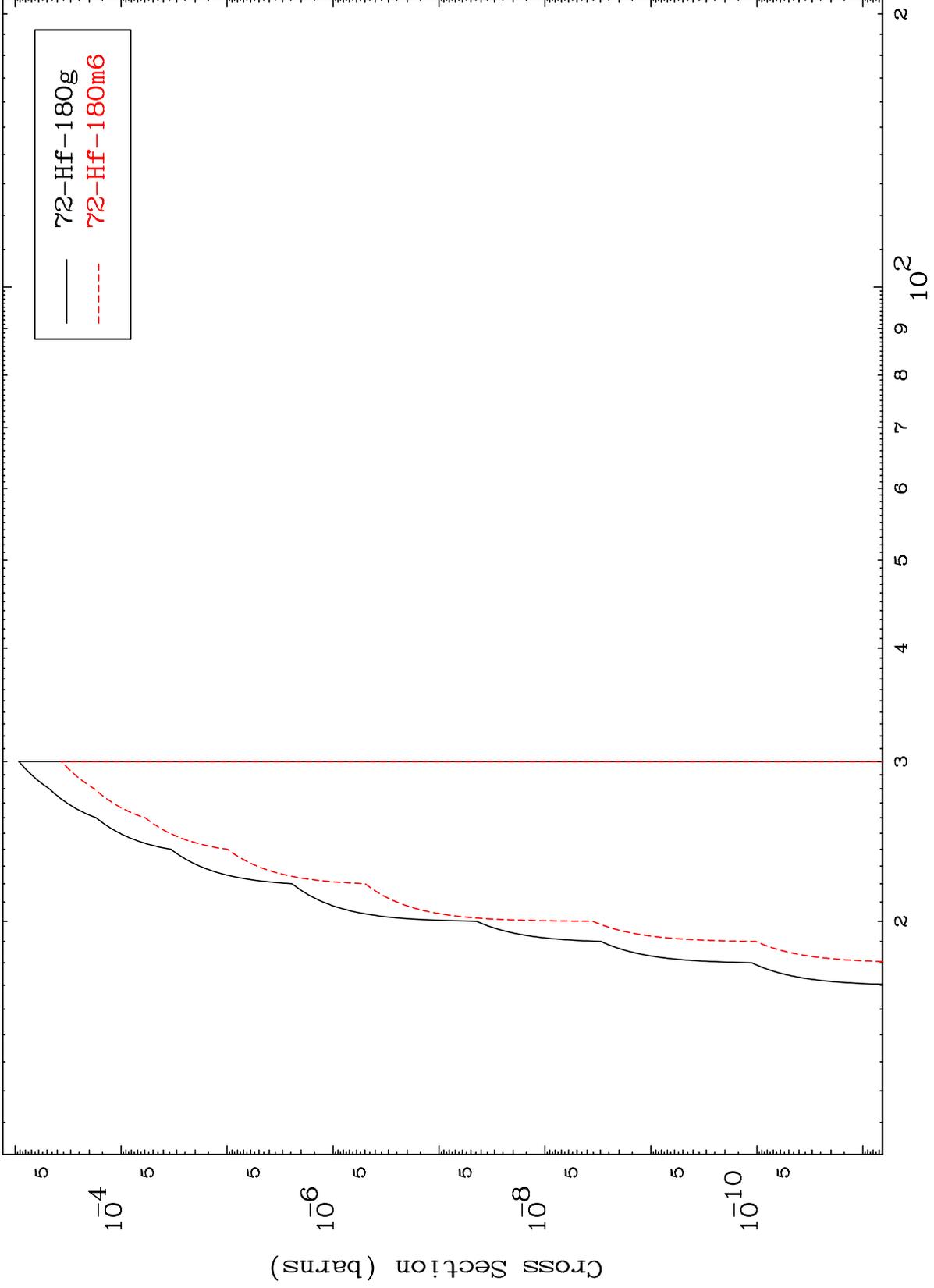
71-Lu-178

MAT 7134

(n,d)

71-Lu-178

Radionuclide Production Cross Section

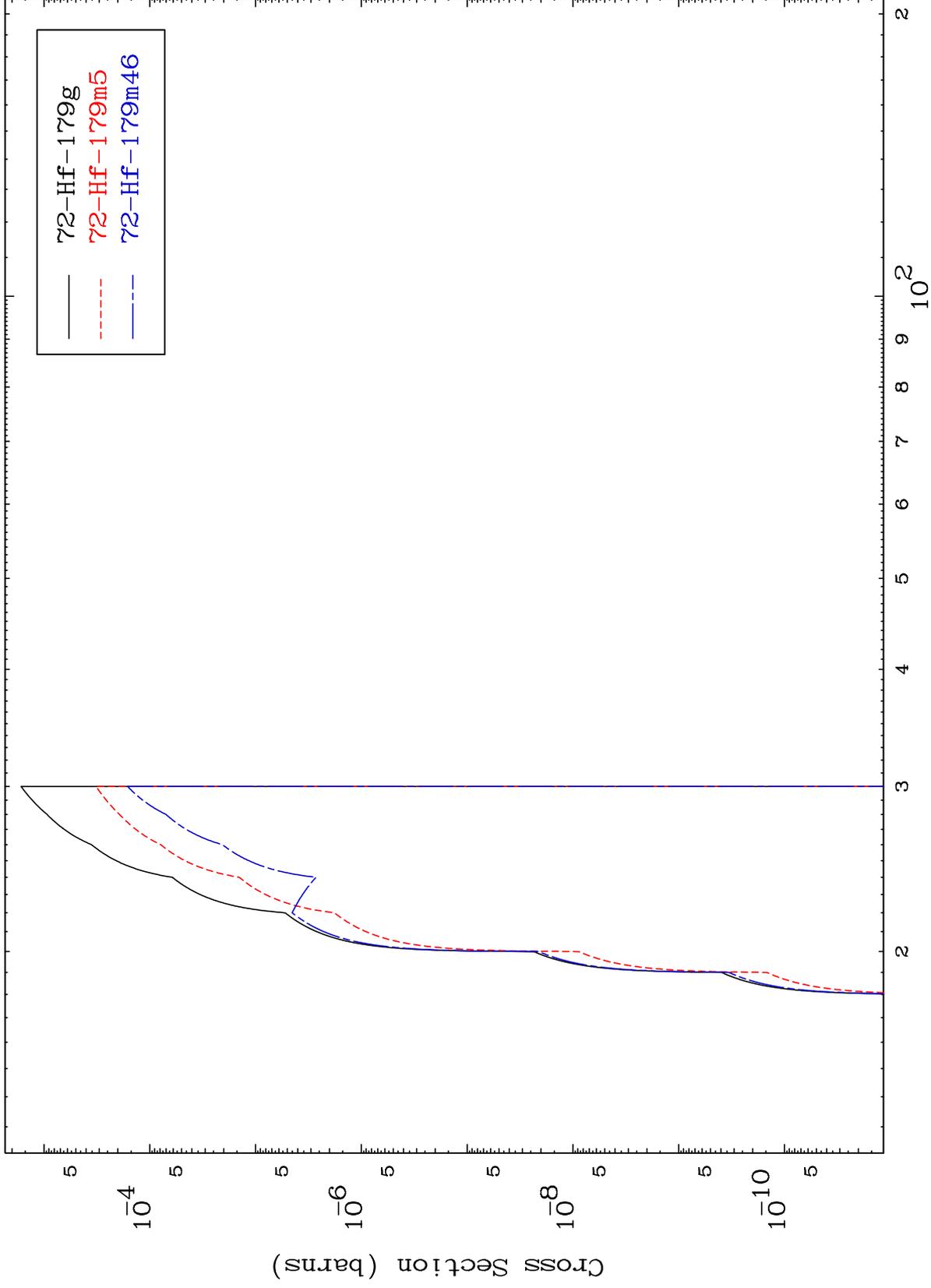


19

Incident Energy (MeV)

71-Lu-178

Radionuclide Production Cross Section



MAT 7134

(n, α)

⁷¹Lu-178

Radionuclide Production Cross Section

