

Program EVALPLOT
(Version 2018-1)

by

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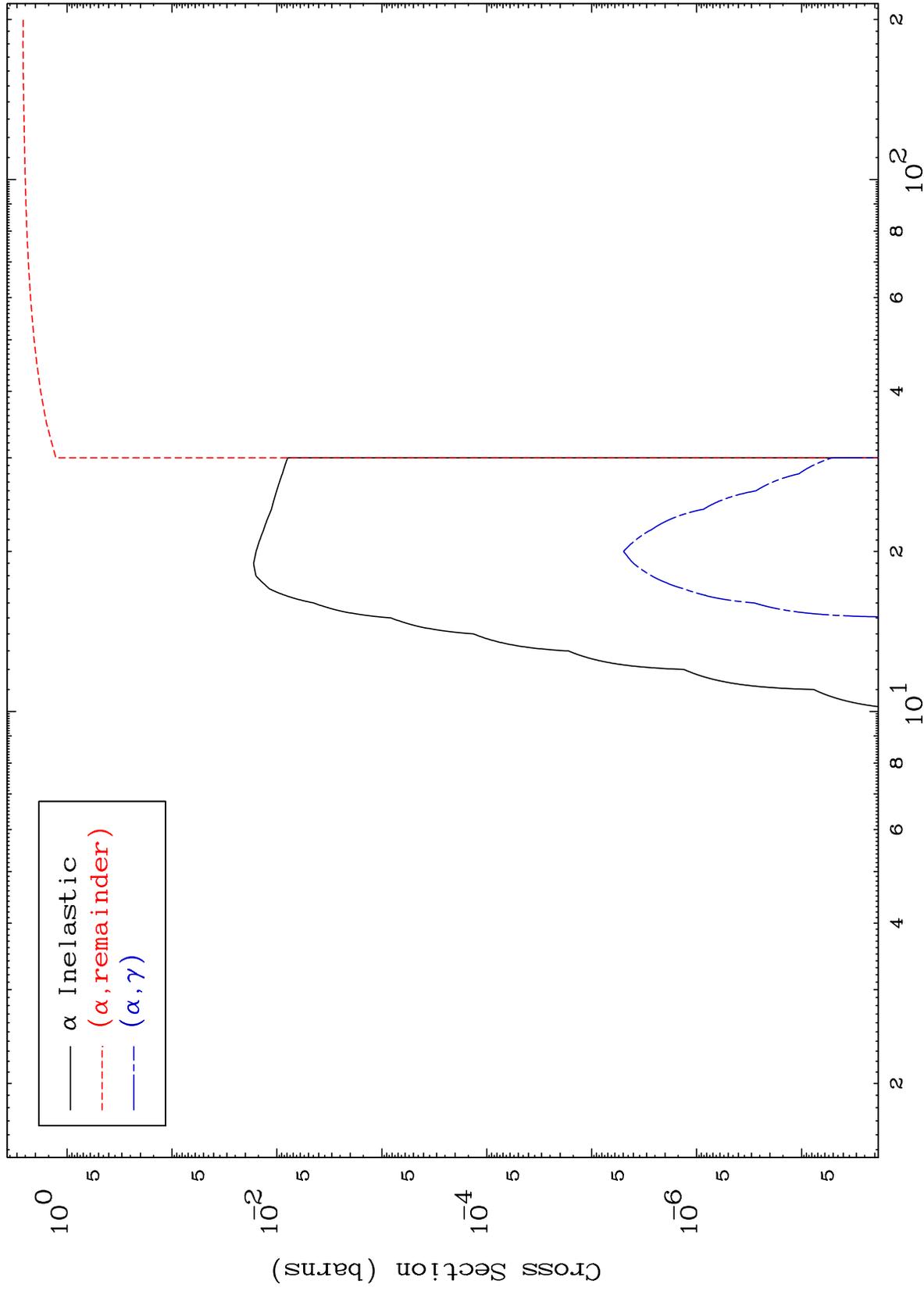
Press Mouse Button to Start

MAT 7131

α Major

71-Lu-177

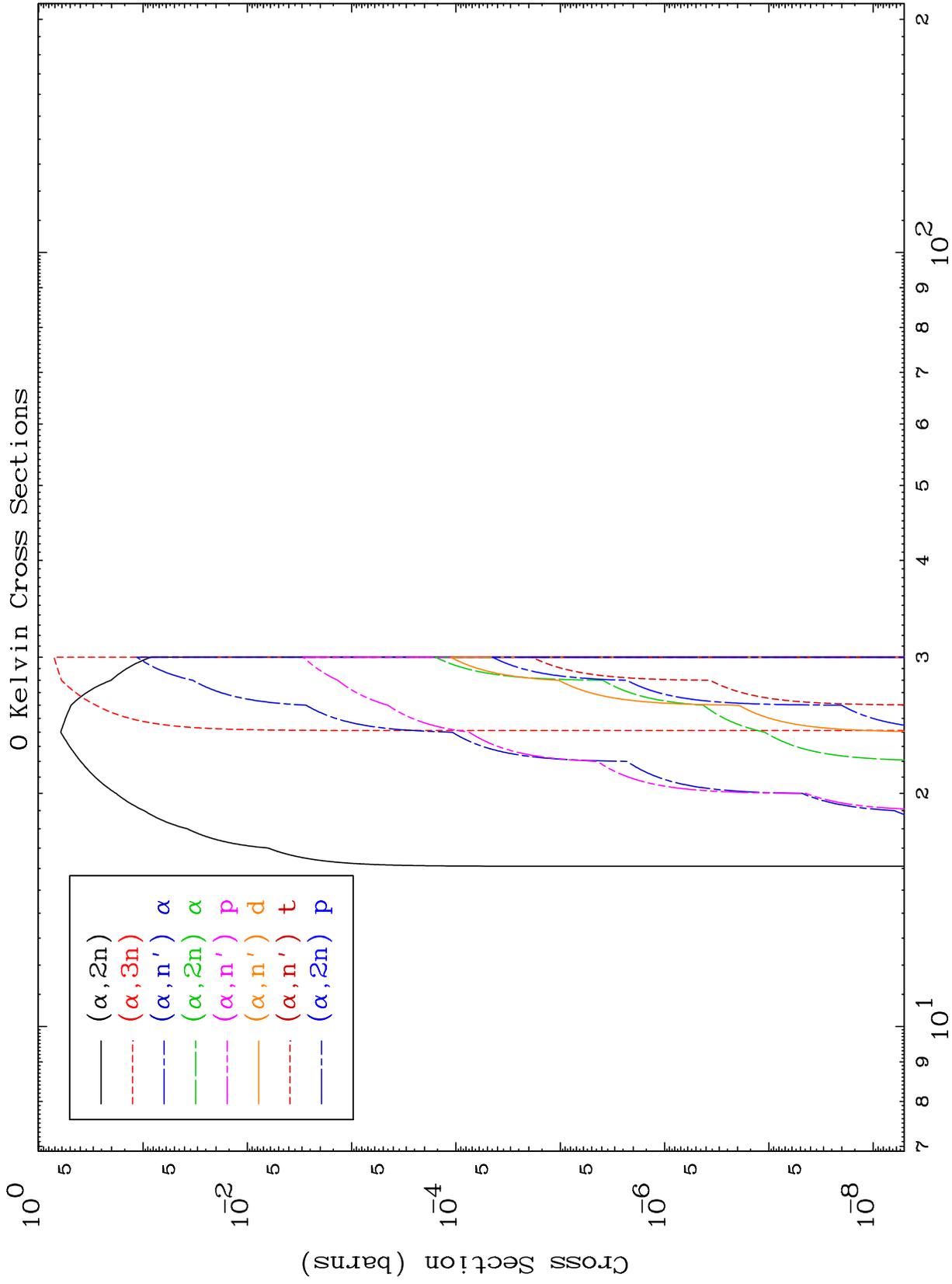
0 Kelvin Cross Sections



MAT 7131

α Neutron Production
0 Kelvin Cross Sections

71-Lu-177



2

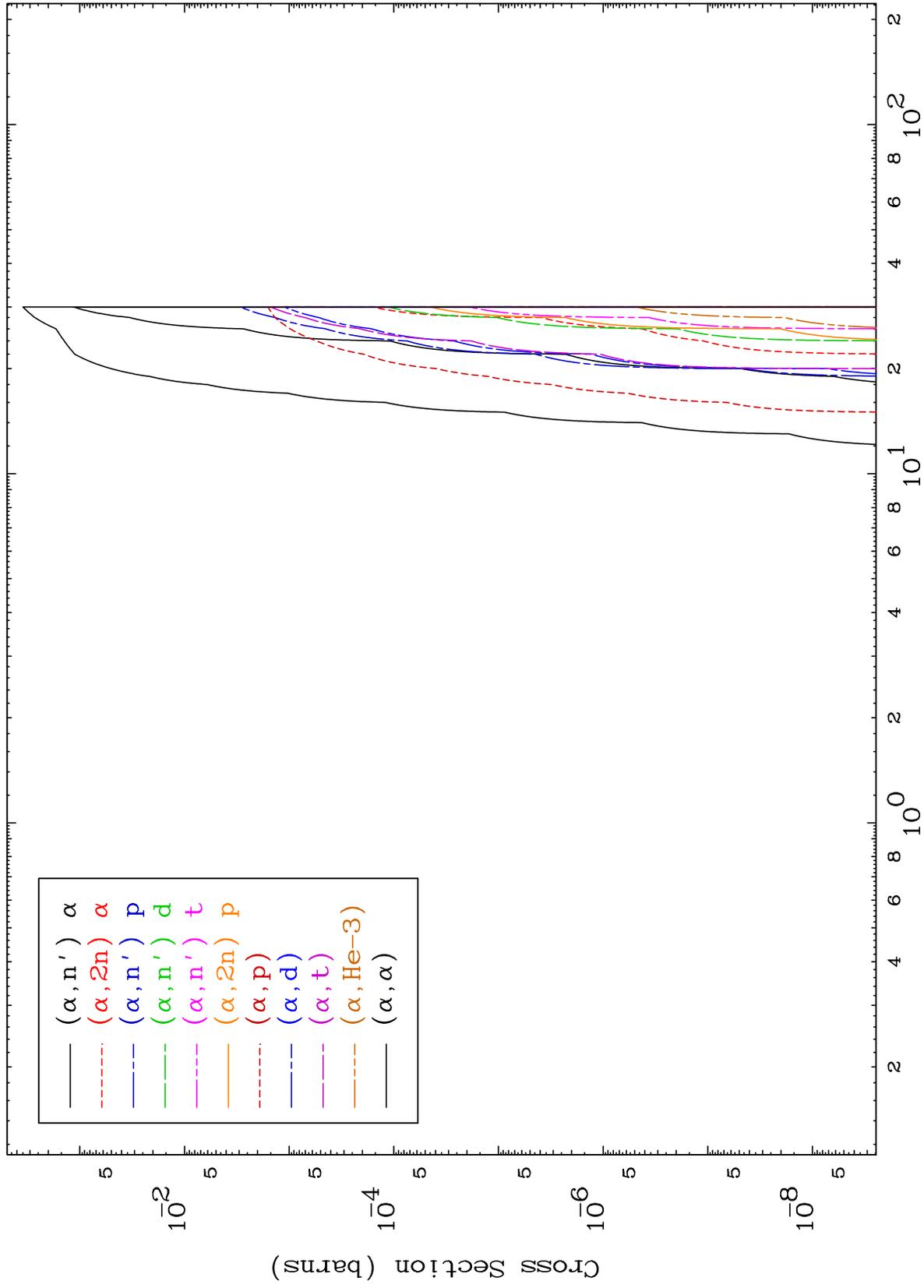
Incident Energy (MeV)

71-Lu-177

MAT 7131

α Charged Particle
0 Kelvin Cross Sections

71-Lu-177



3

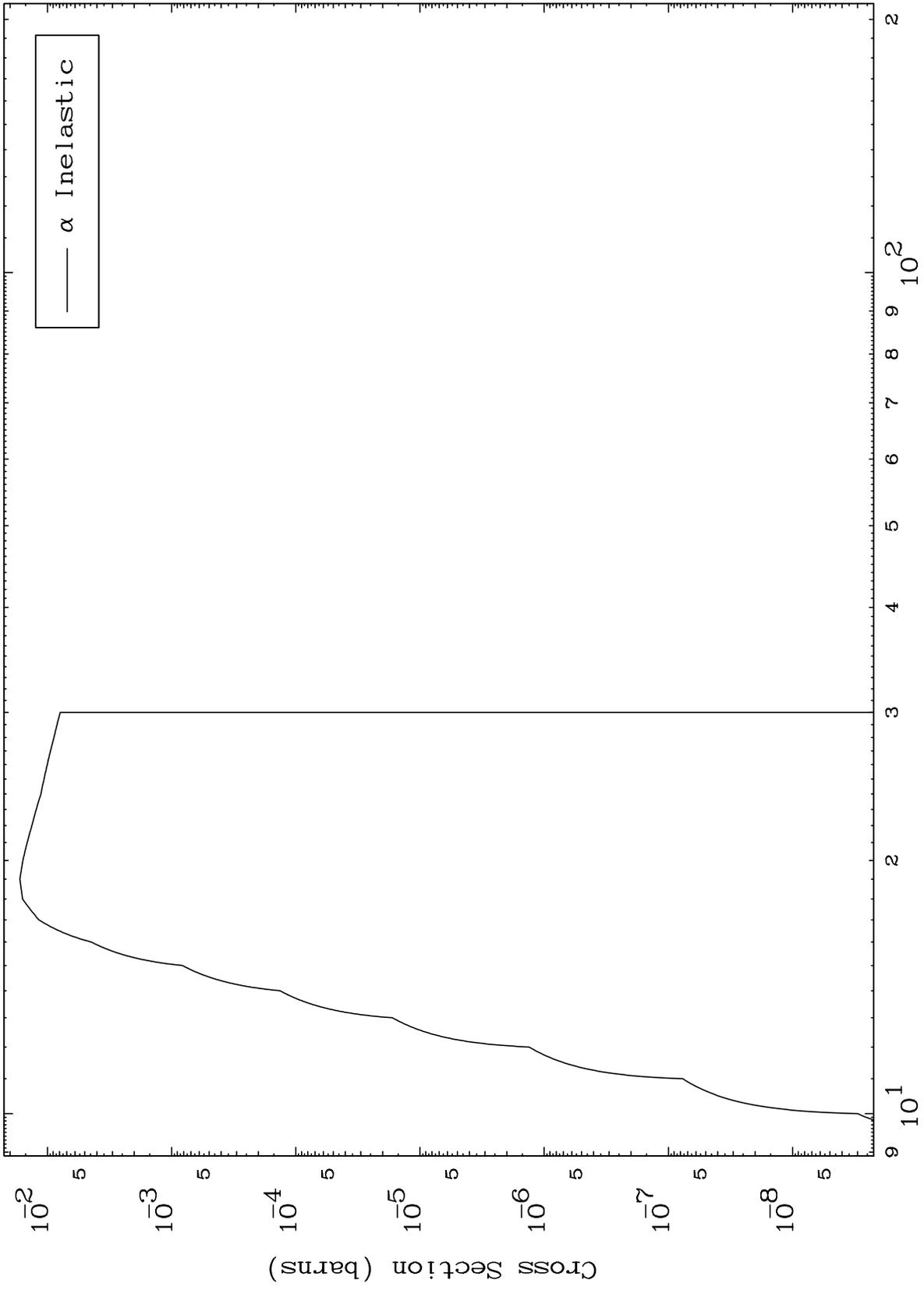
Incident Energy (MeV)

71-Lu-177

MAT 7131

(α, n') Level
0 Kelvin Cross Sections

71-Lu-177



4

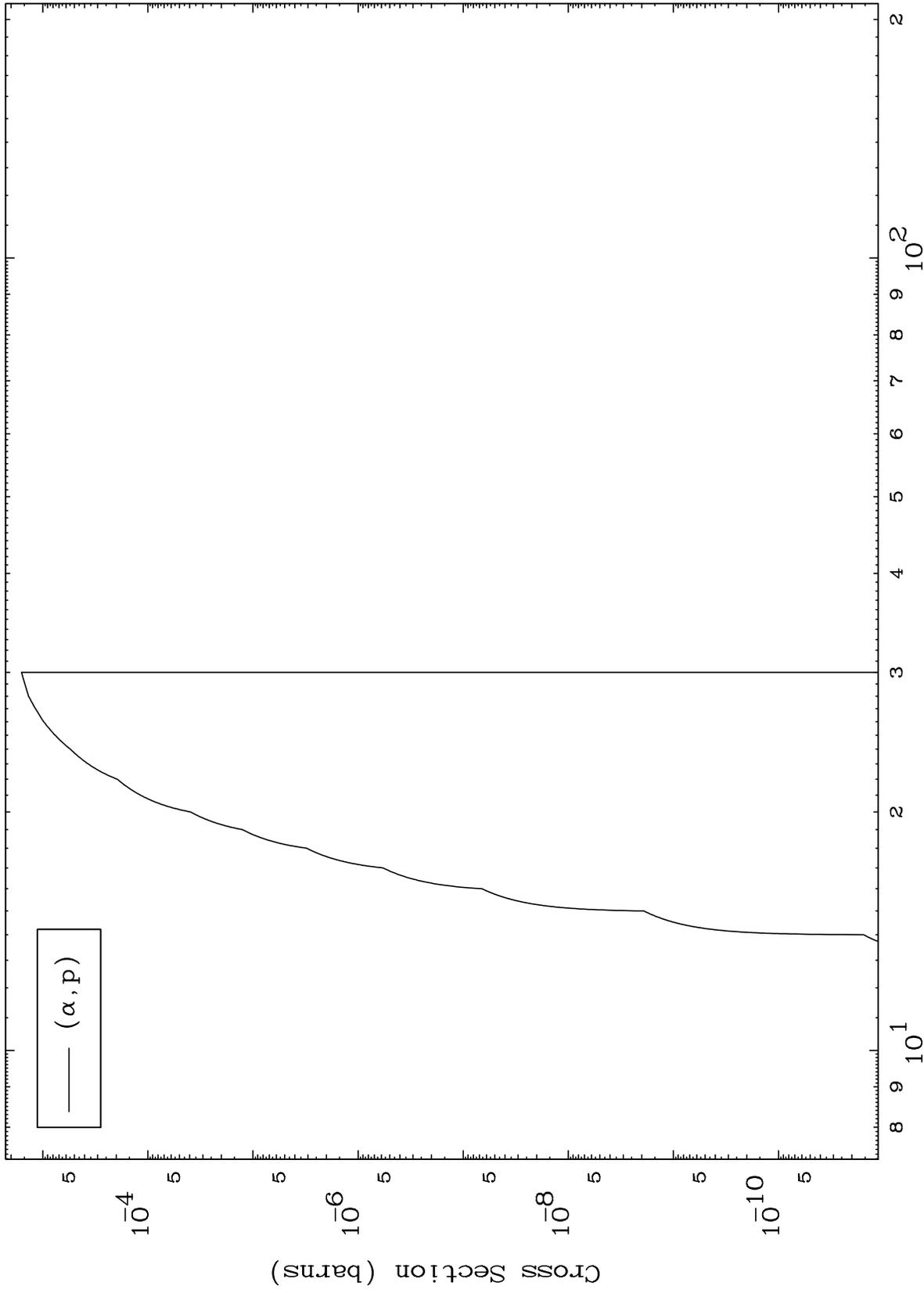
Incident Energy (MeV)

71-Lu-177

MAT 7131

(α, p) Levels
0 Kelvin Cross Sections

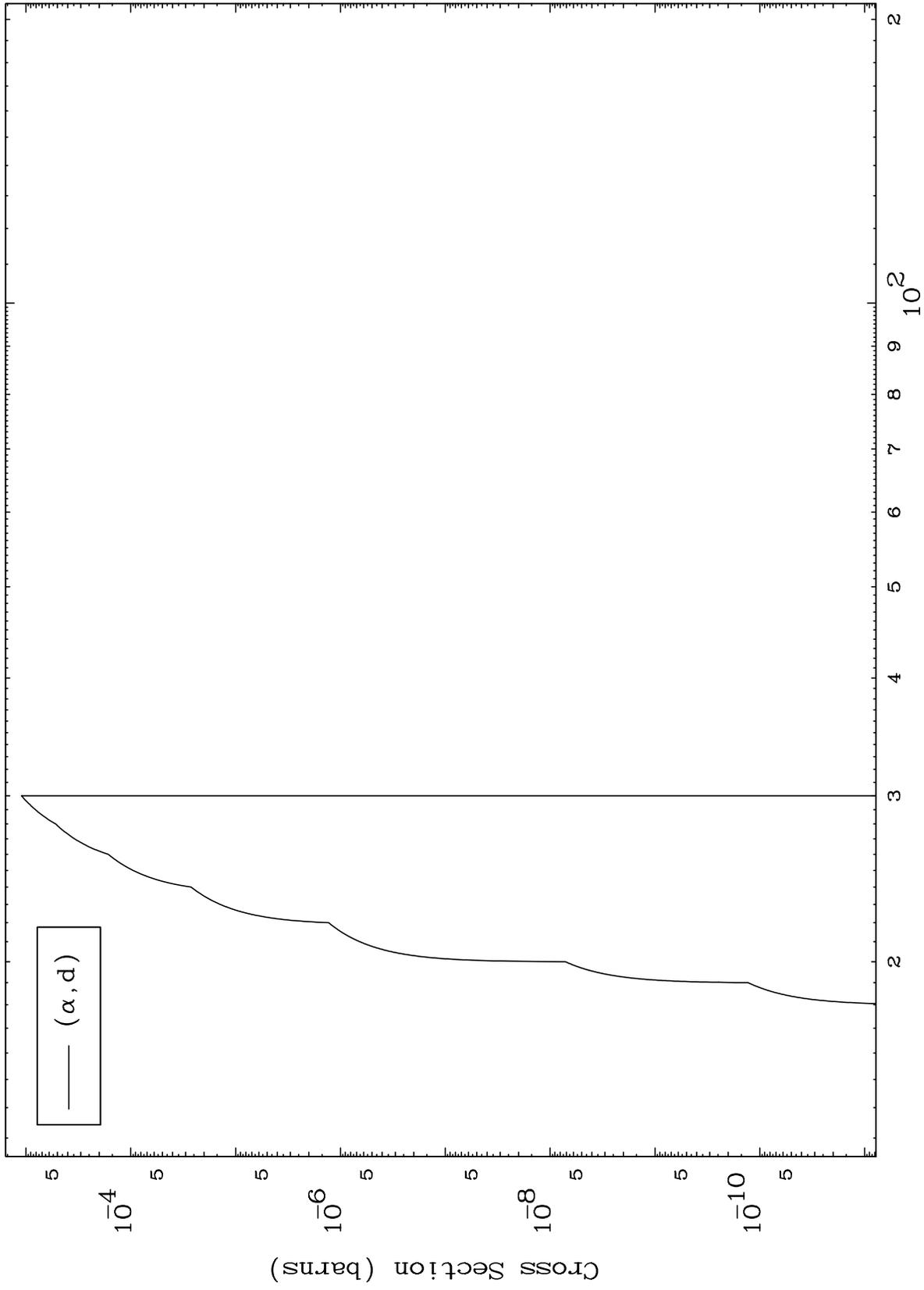
71-Lu-177



5

Incident Energy (MeV)

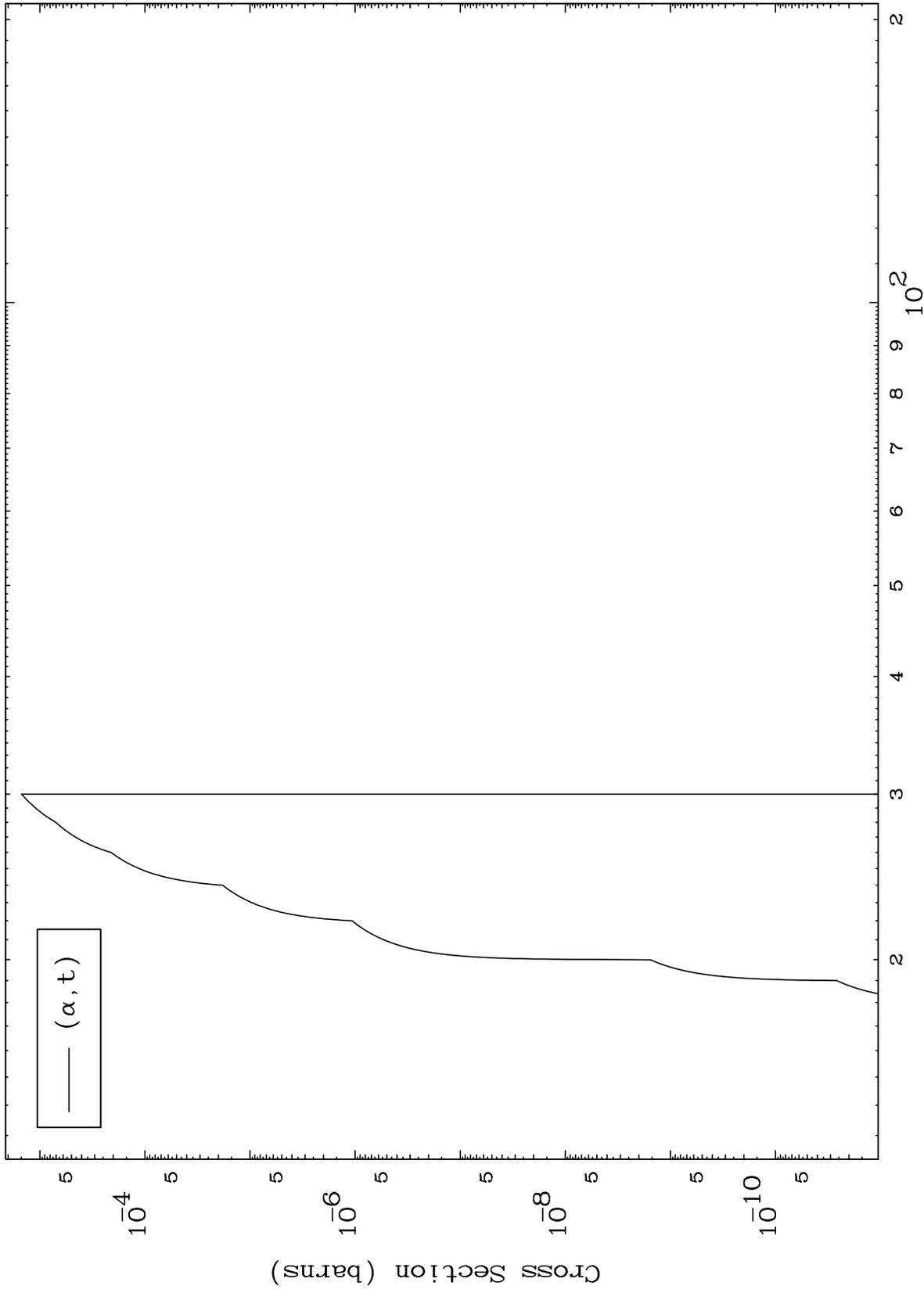
71-Lu-177



MAT 7131

(α, t) Levels
0 Kelvin Cross Sections

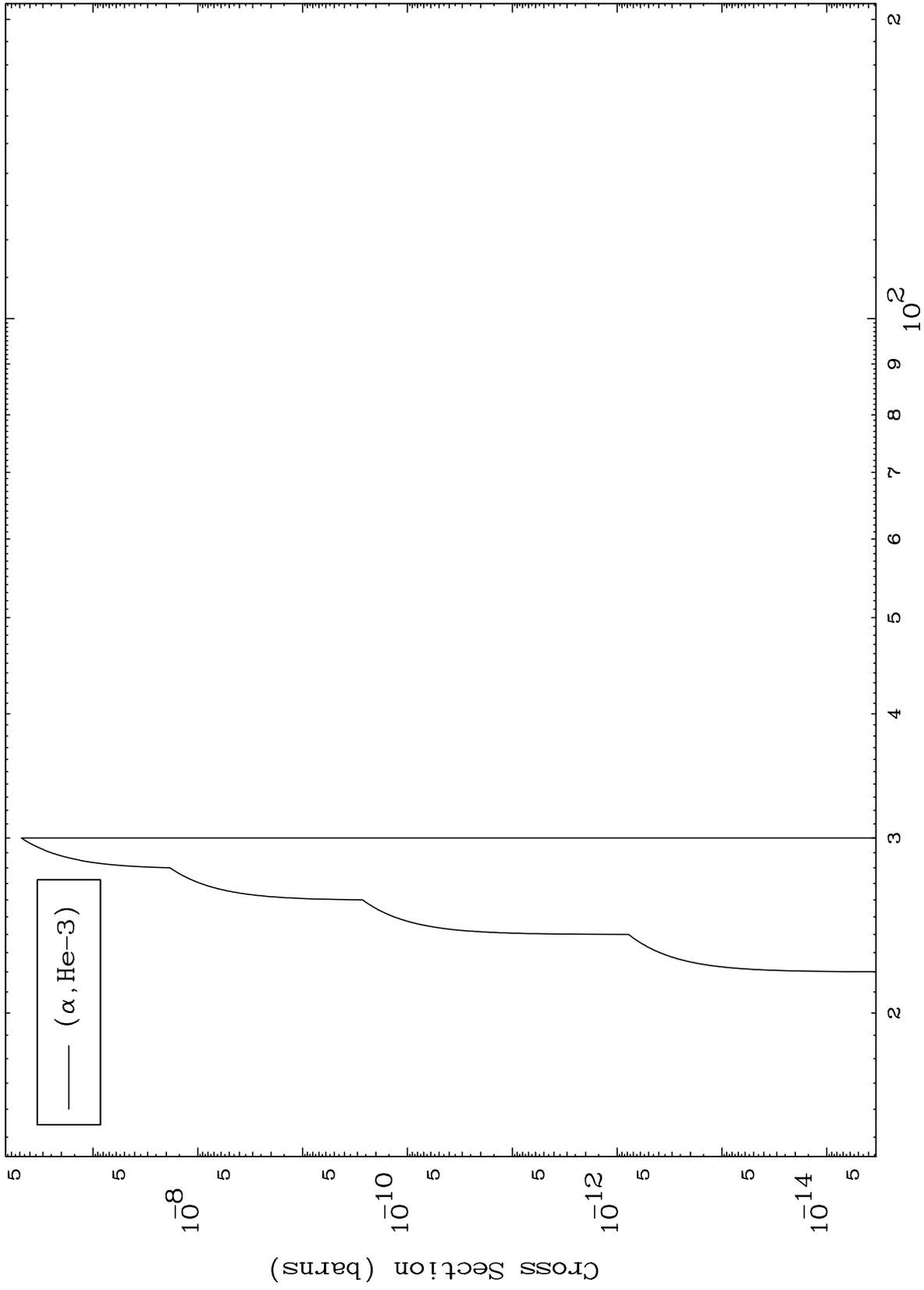
71-Lu-177

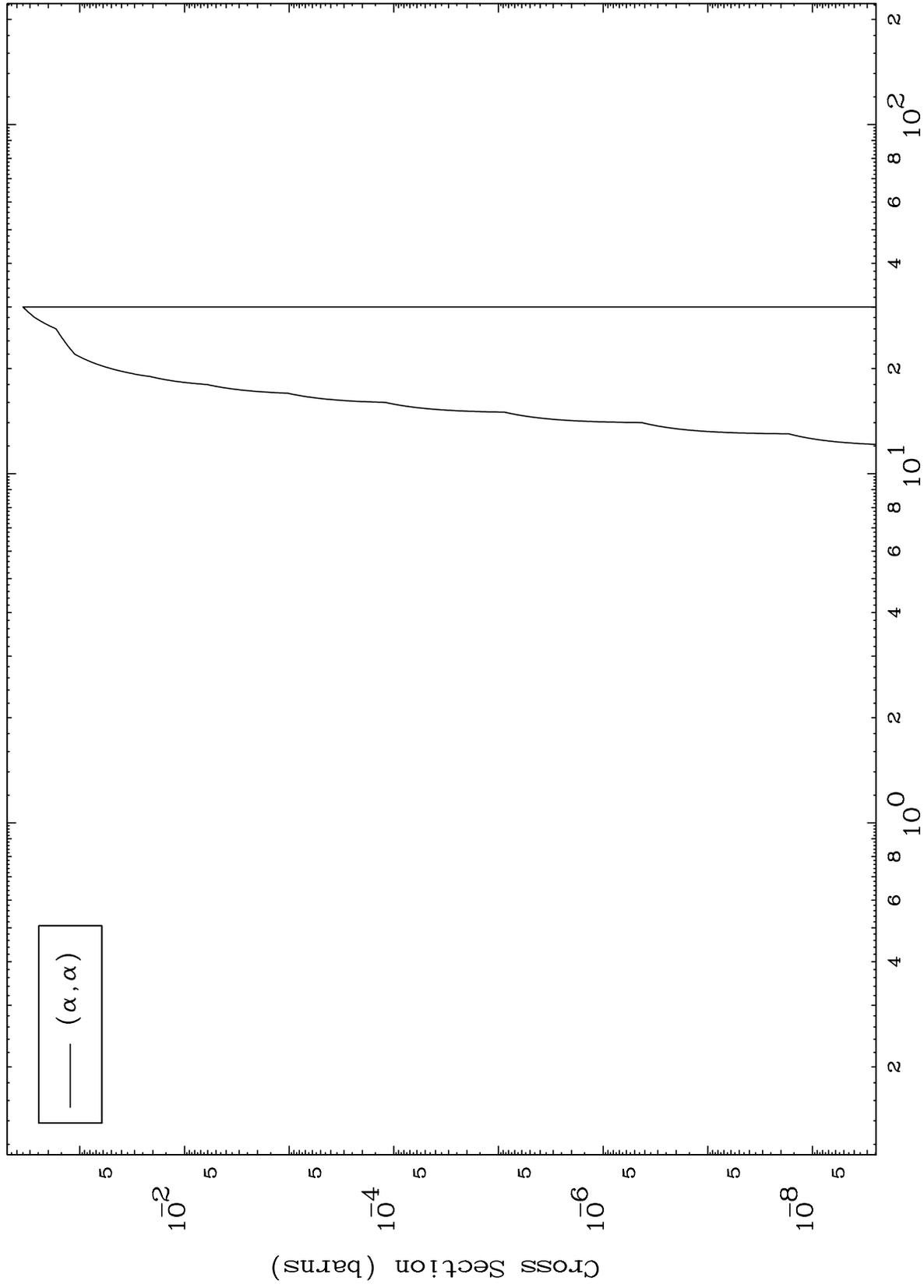


7

Incident Energy (MeV)

71-Lu-177

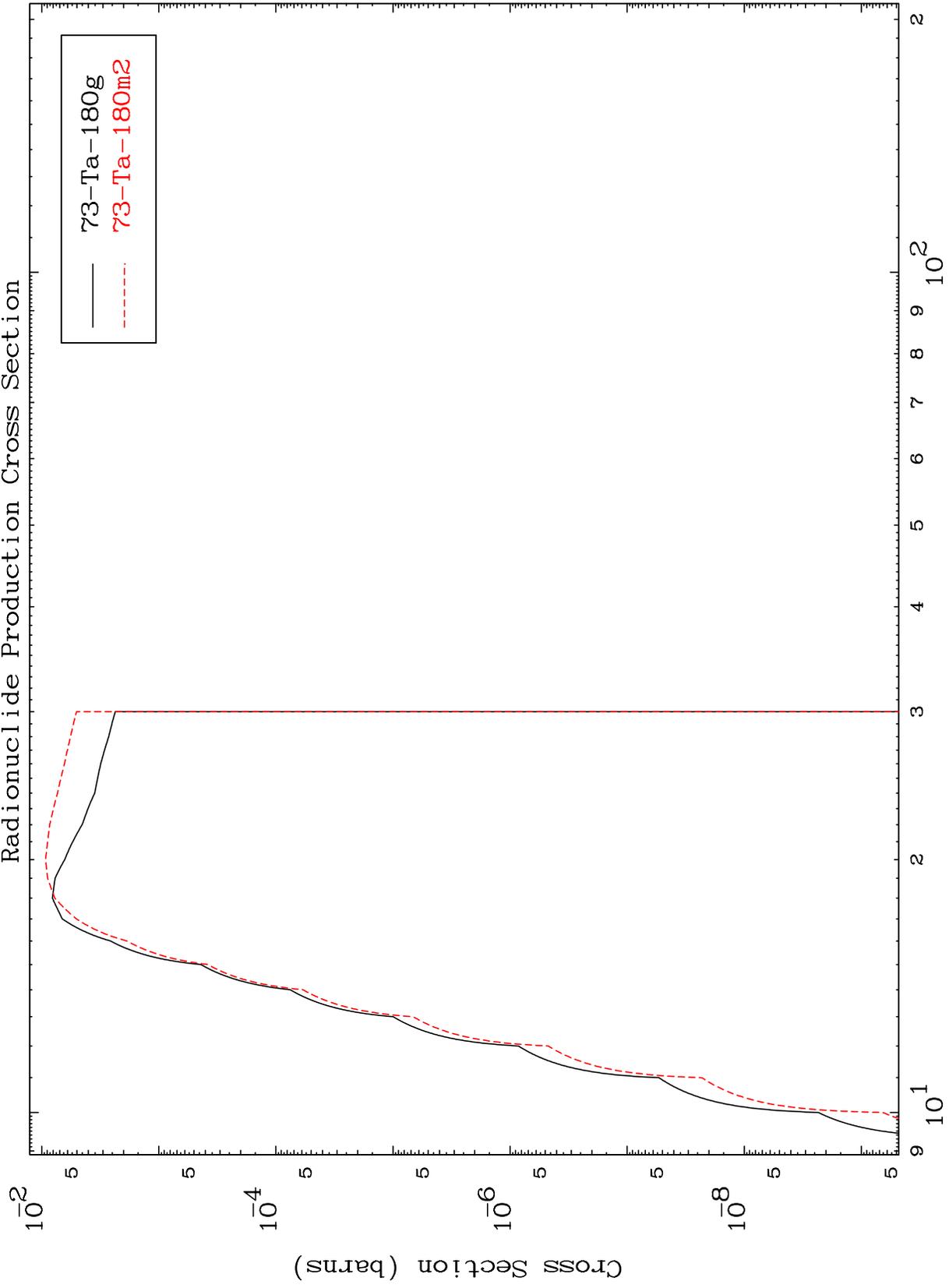




MAT 7131

71-Lu-177

α Inelastic
Radionuclide Production Cross Section



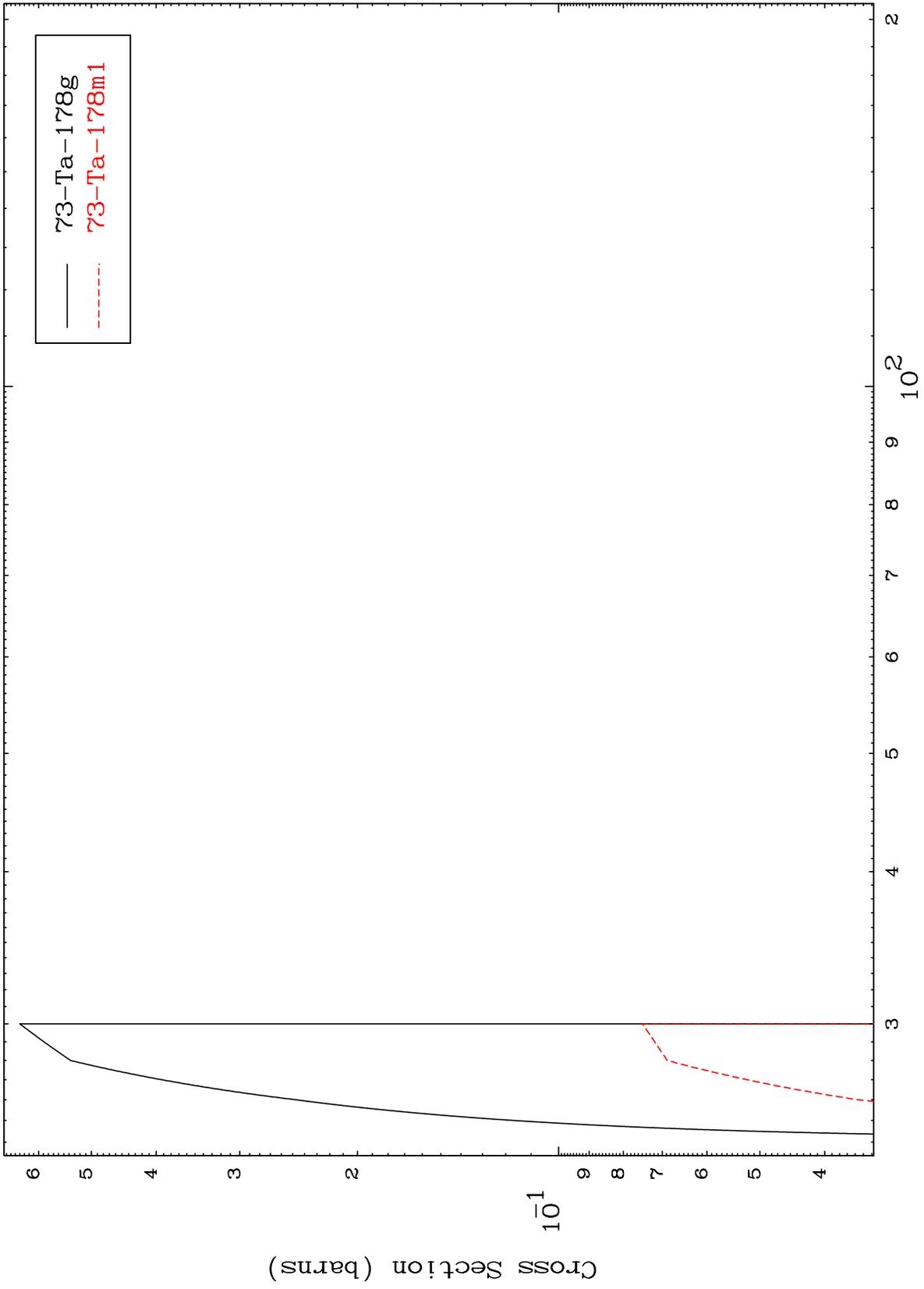
71-Lu-177

Incident Energy (MeV)

MAT 7131

71-Lu-177

($\alpha, 3n$)
Radionuclide Production Cross Section



11

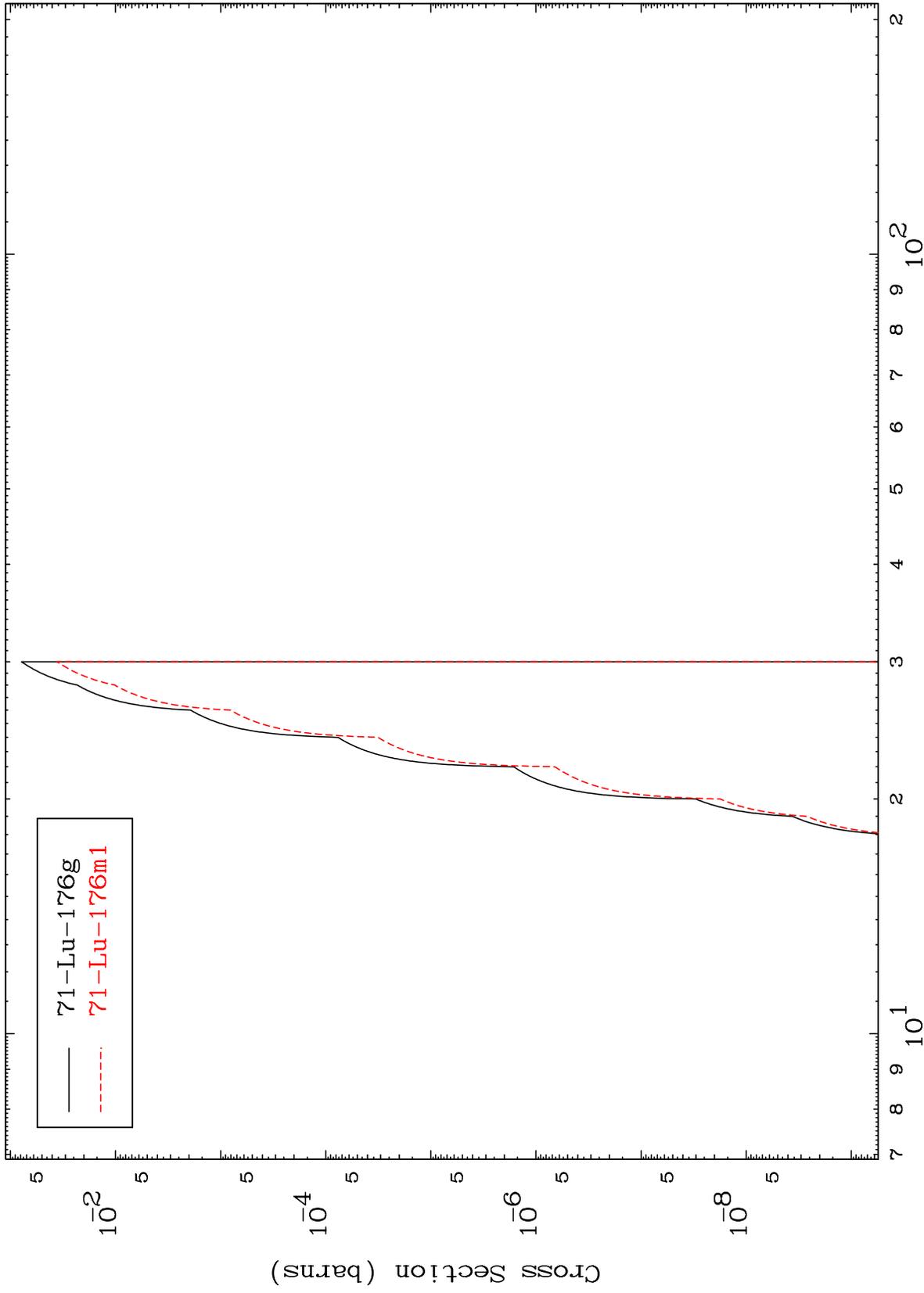
71-Lu-177

MAT 7131

(α, n') α

71-Lu-177

Radionuclide Production Cross Section



12

Incident Energy (MeV)

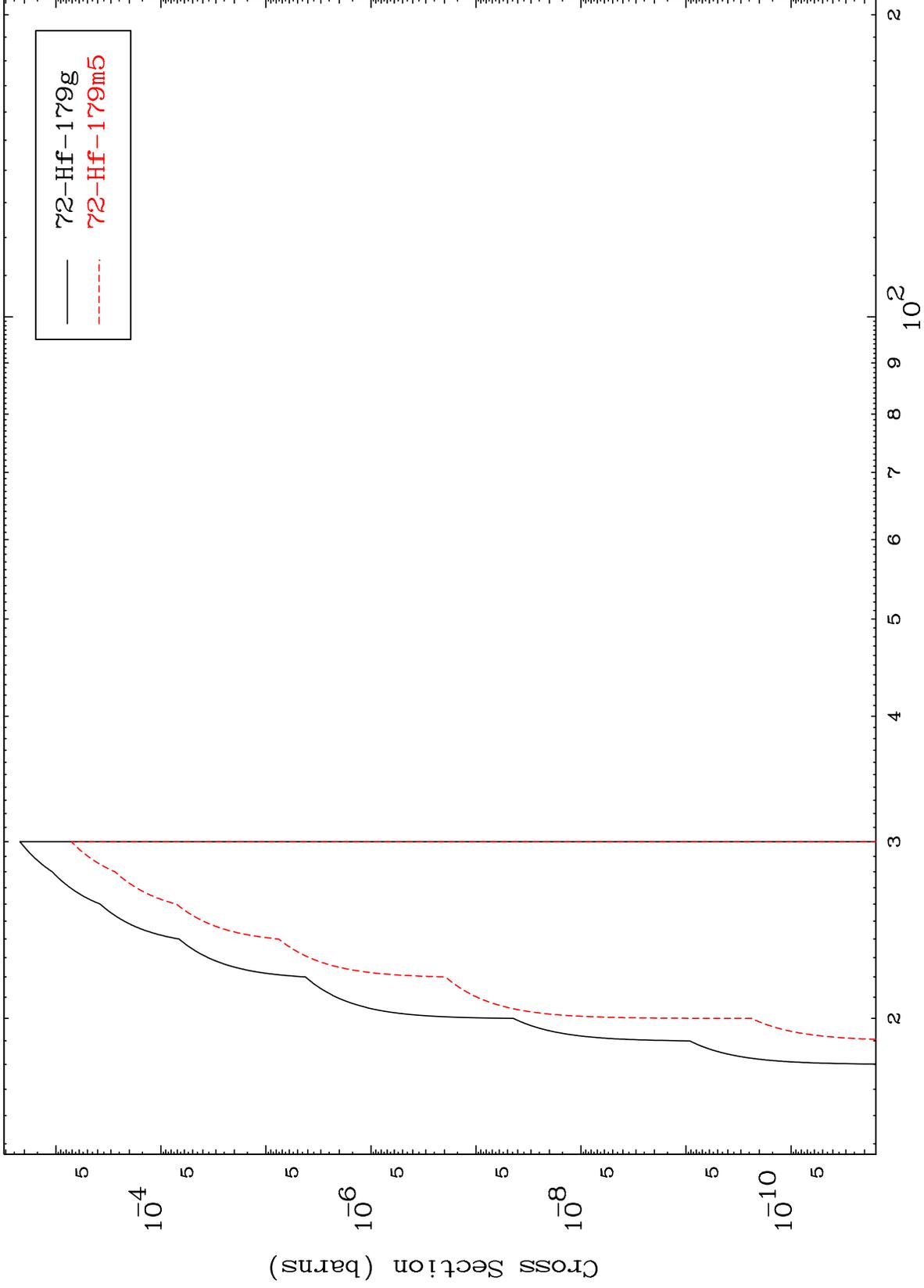
71-Lu-177

MAT 7131

(α, n') p

71-Lu-177

Radionuclide Production Cross Section



13

Incident Energy (MeV)

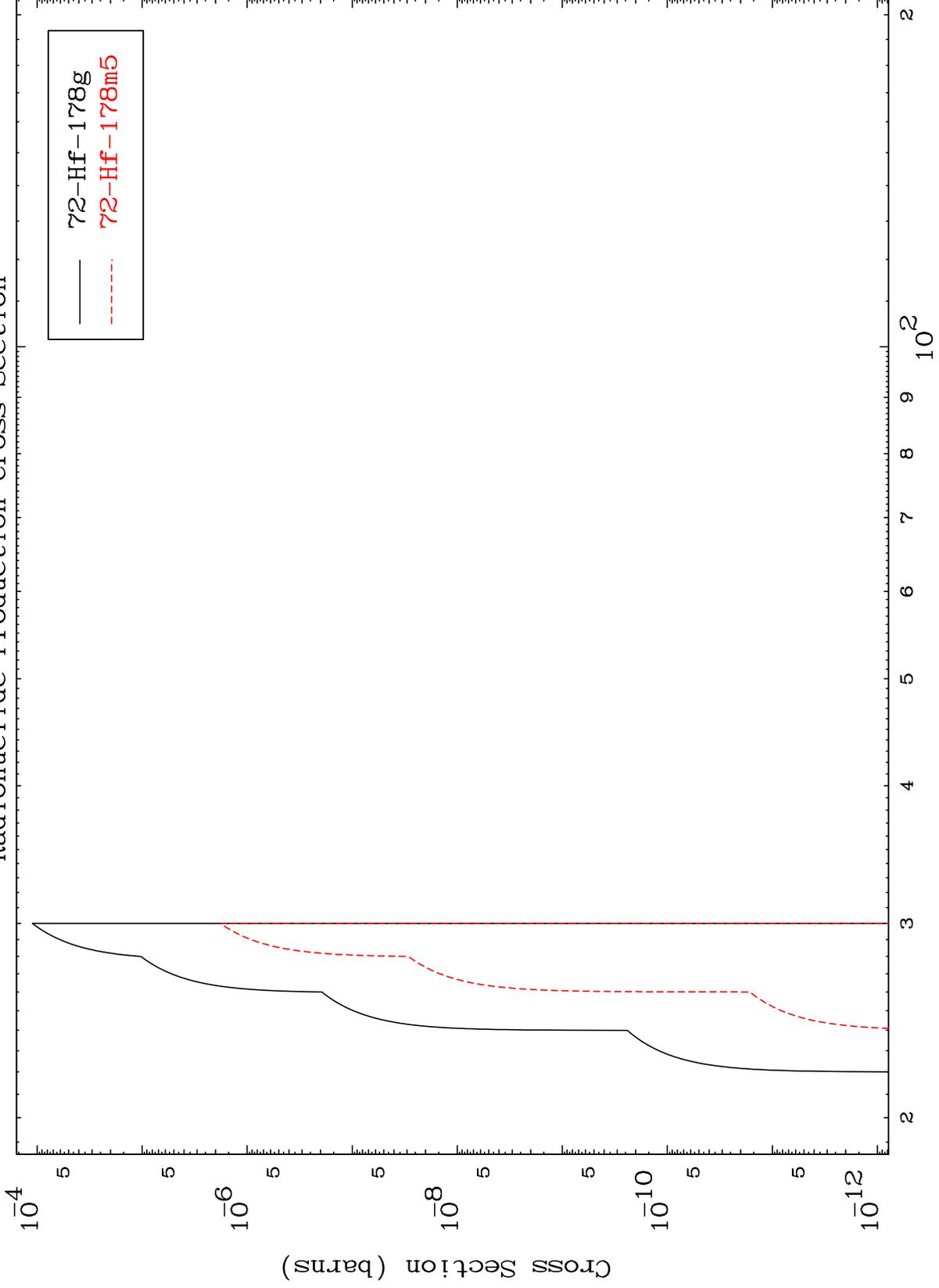
71-Lu-177

MAT 7131

(α, n') d

71-Lu-177

Radionuclide Production Cross Section



14

Incident Energy (MeV)

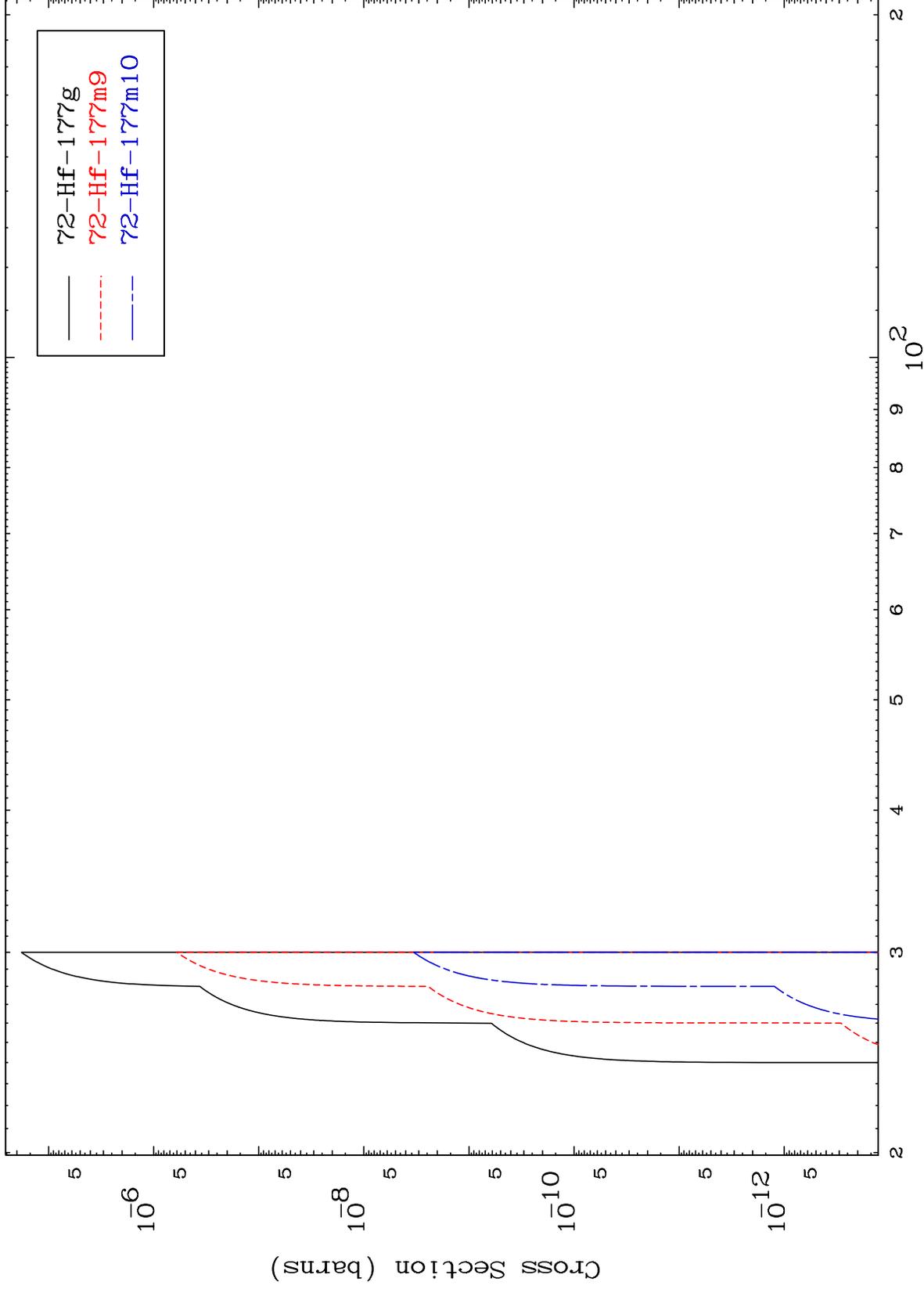
71-Lu-177

MAT 7131

(α, n') t

71-Lu-177

Radionuclide Production Cross Section

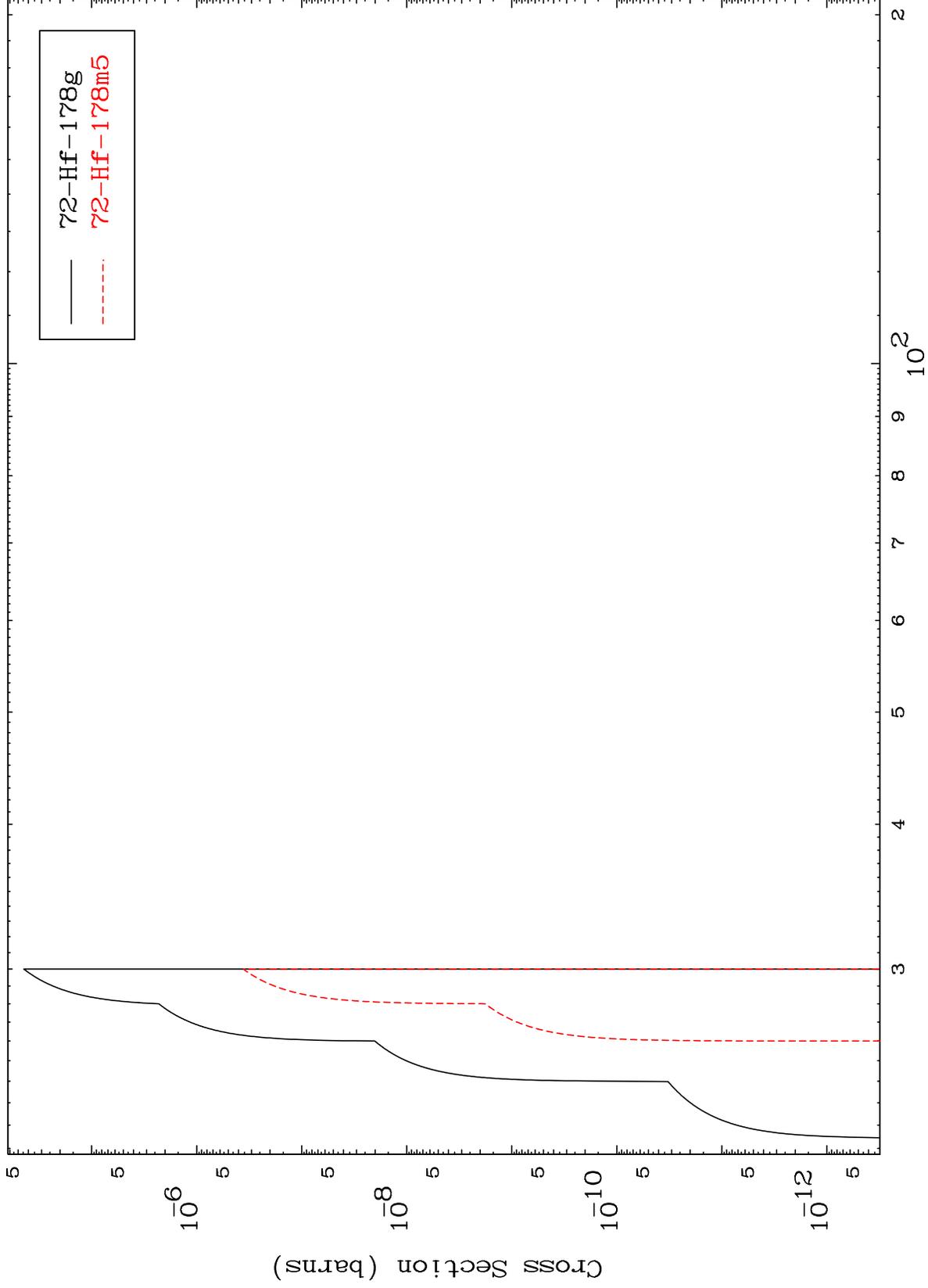


15

Incident Energy (MeV)

71-Lu-177

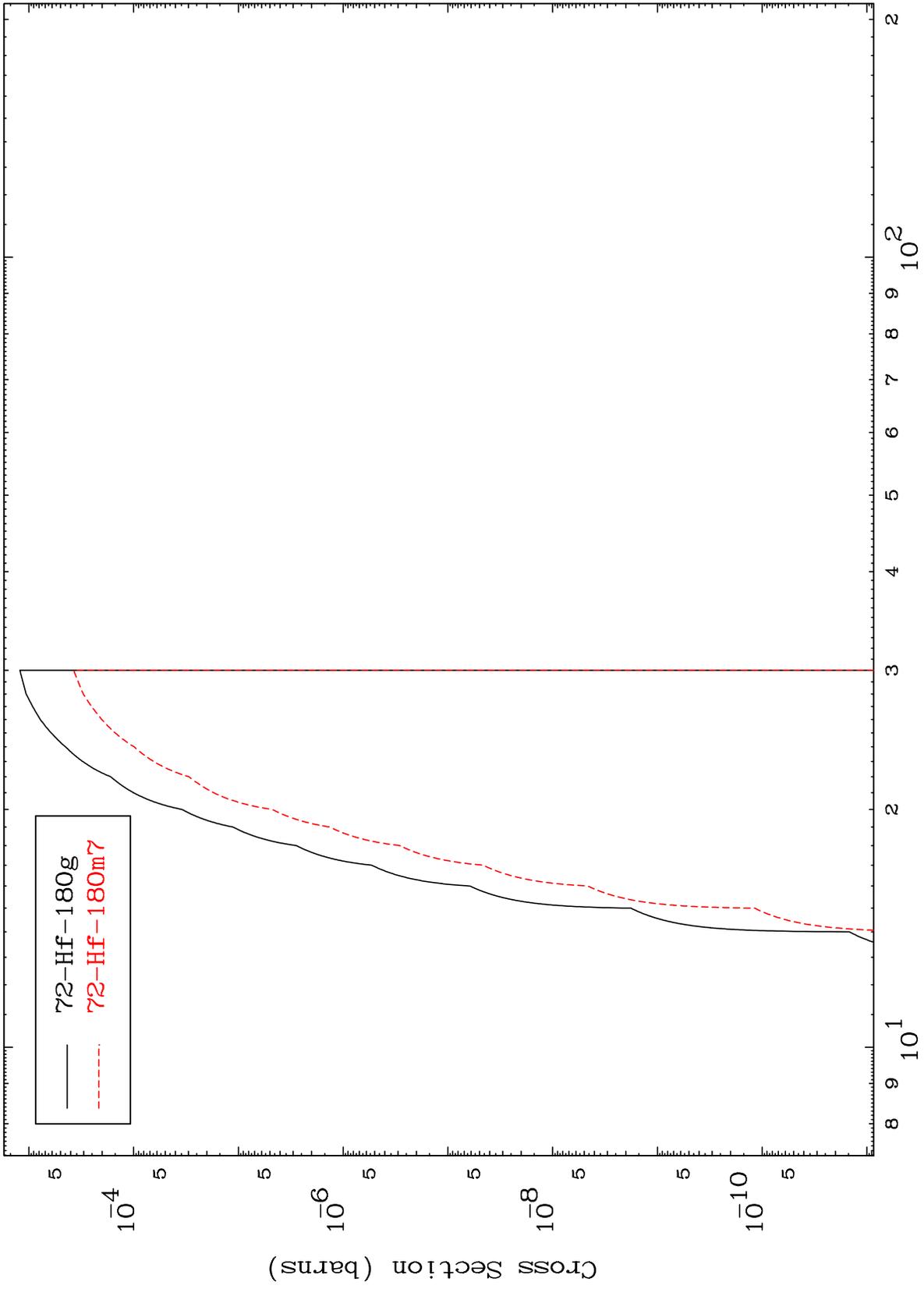
Radionuclide Production Cross Section



MAT 7131

71-Lu-177

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

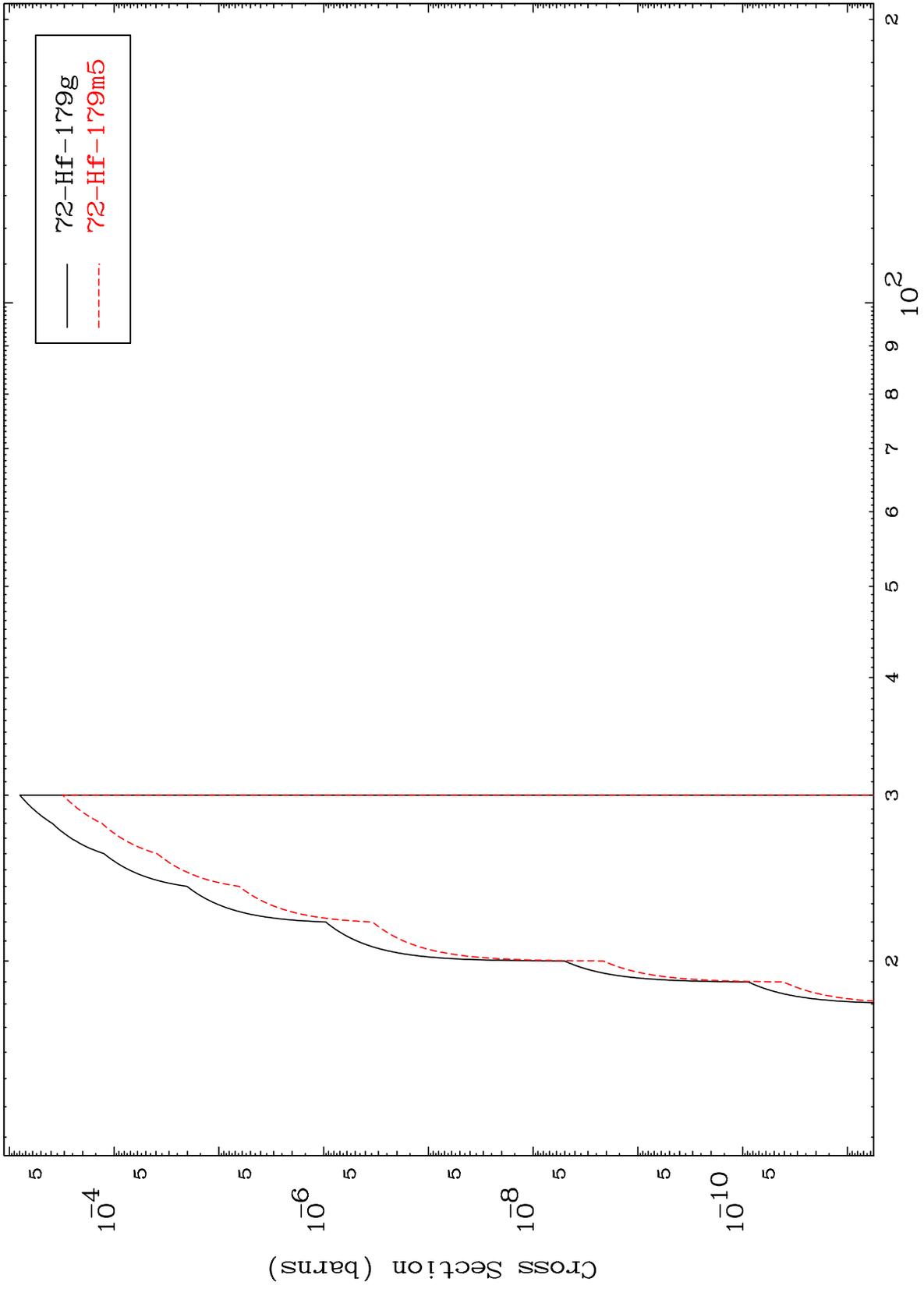
71-Lu-177

MAT 7131

(α, d)

71-Lu-177

Radionuclide Production Cross Section



18

Incident Energy (MeV)

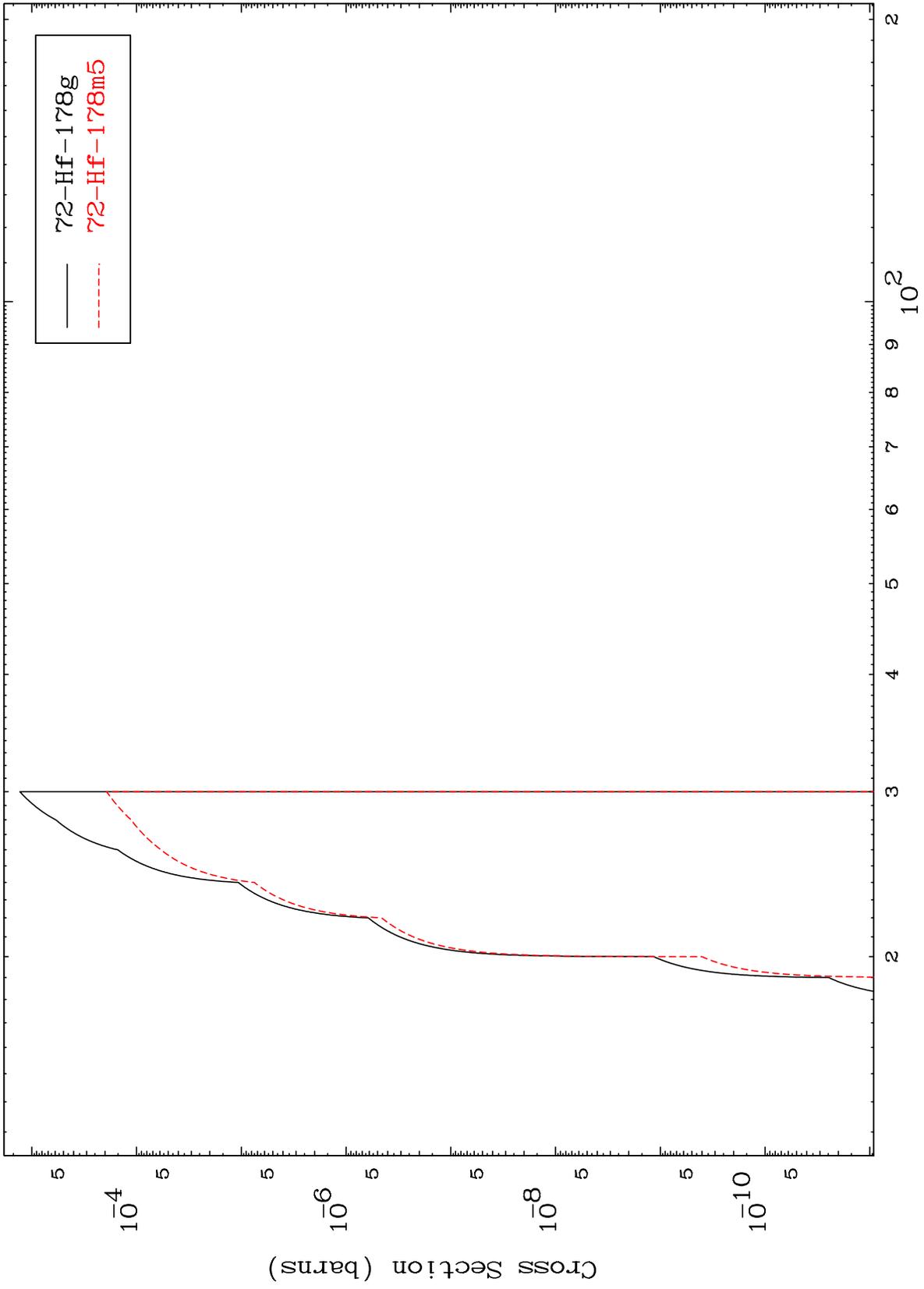
71-Lu-177

MAT 7131

(α, t)

71-Lu-177

Radionuclide Production Cross Section



19

Incident Energy (MeV)

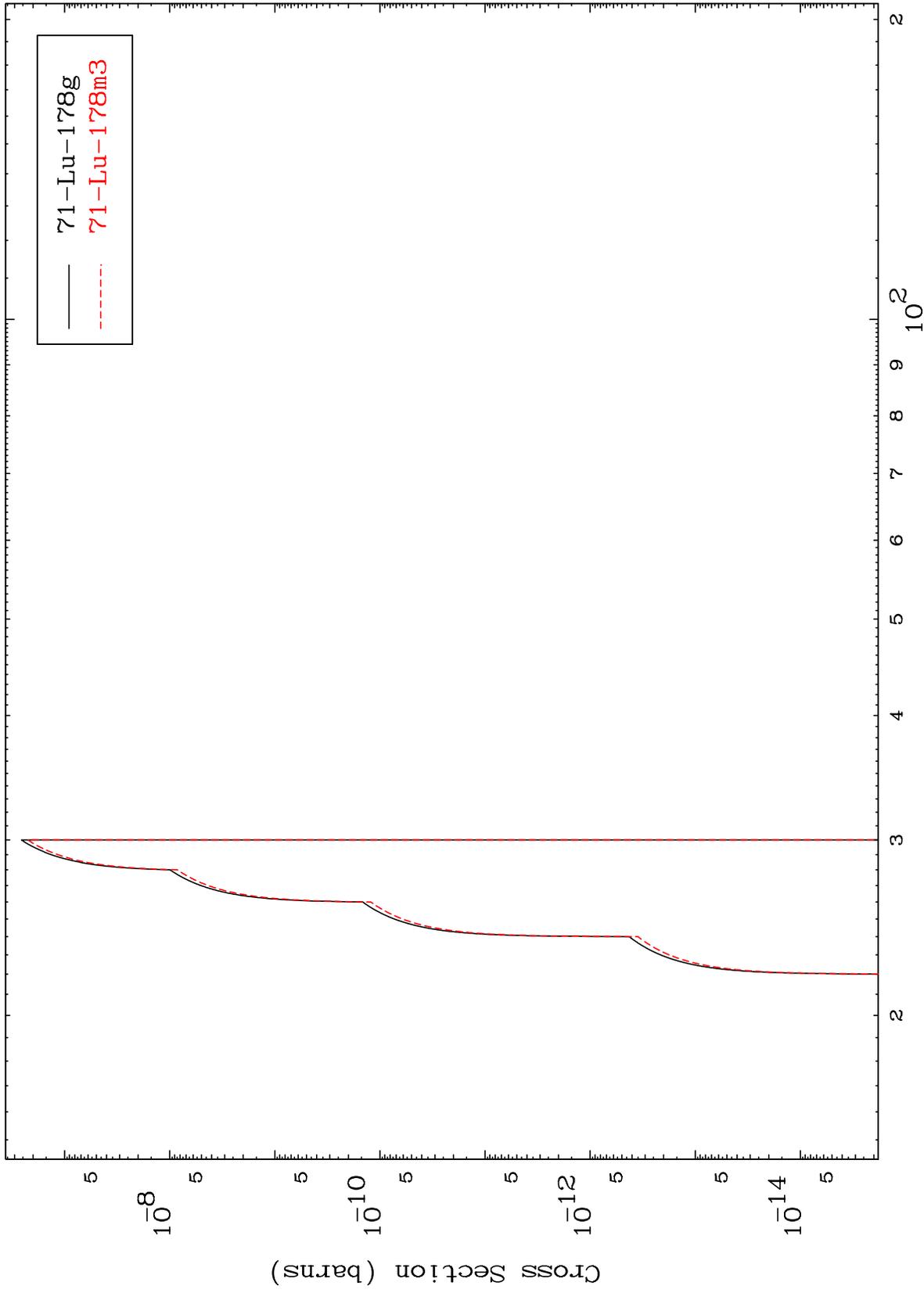
71-Lu-177

MAT 7131

($\alpha, \text{He-3}$)

71-Lu-177

Radionuclide Production Cross Section



20

Incident Energy (MeV)

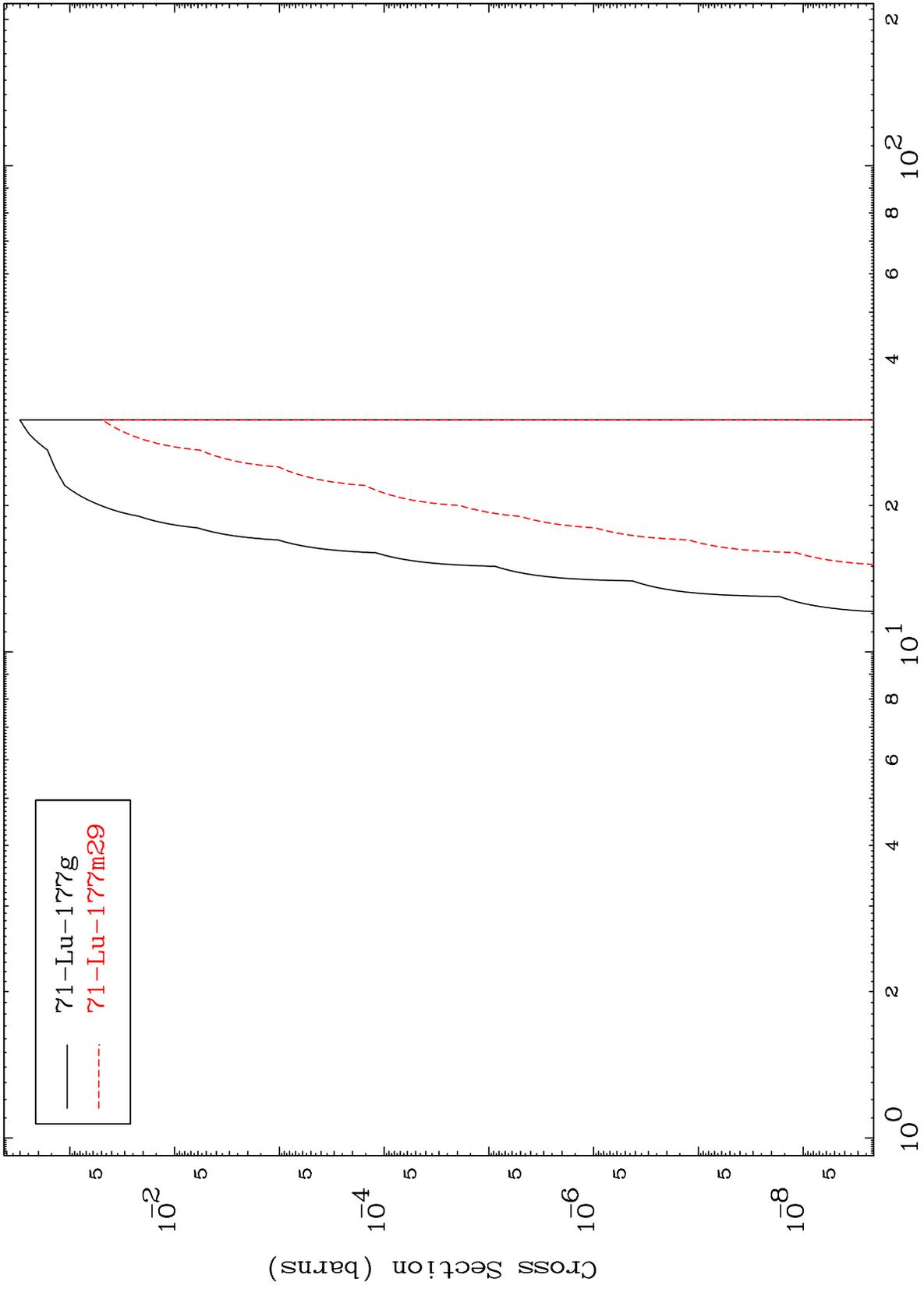
71-Lu-177

MAT 7131

(α, α)

⁷¹Lu-177

Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁷¹Lu-177