

Program EVALPLOT
(Version 2021-1)

by

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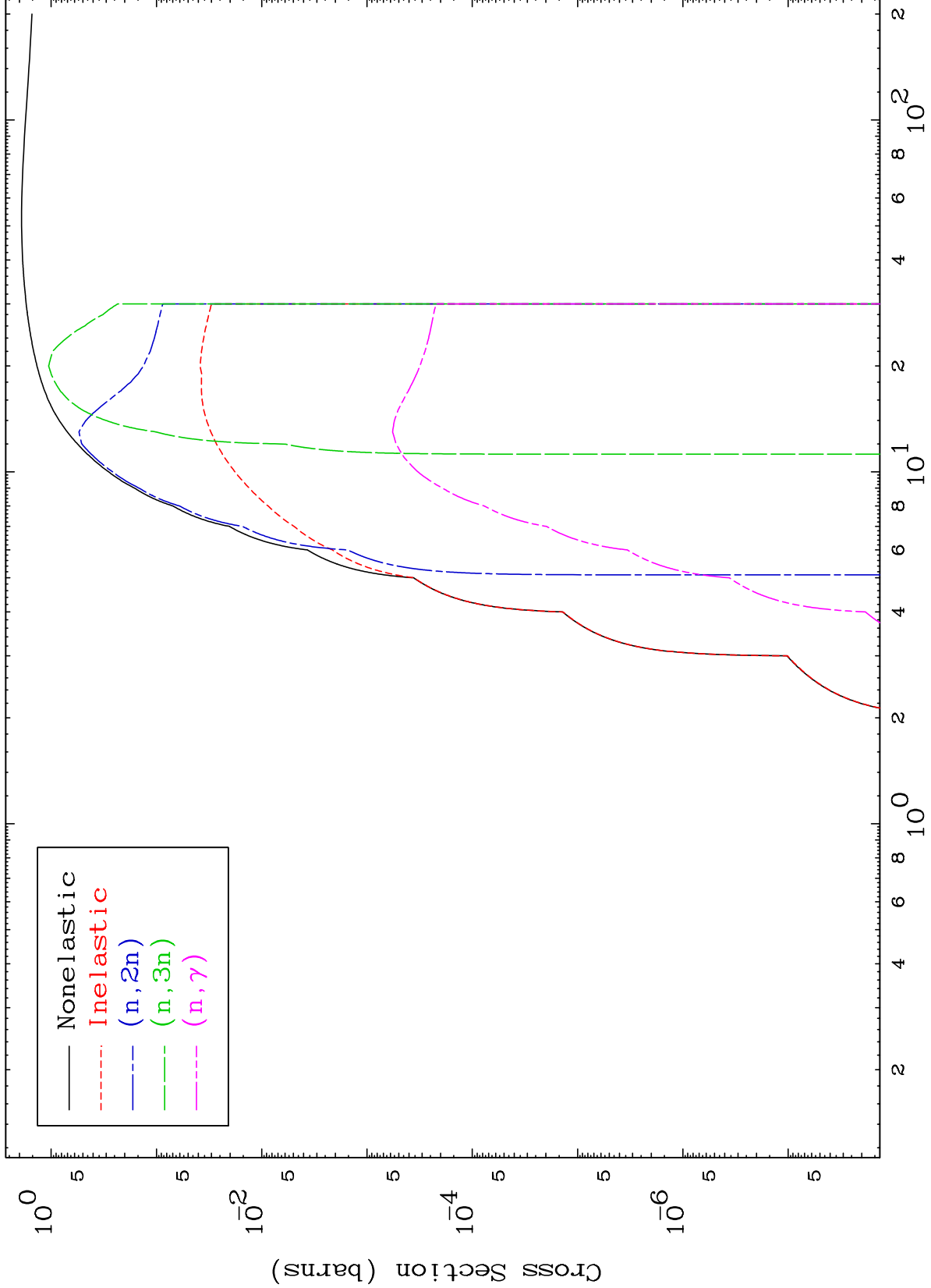
Press Mouse Button to Start

MAT 7140

Proton Major

71-Lu-180

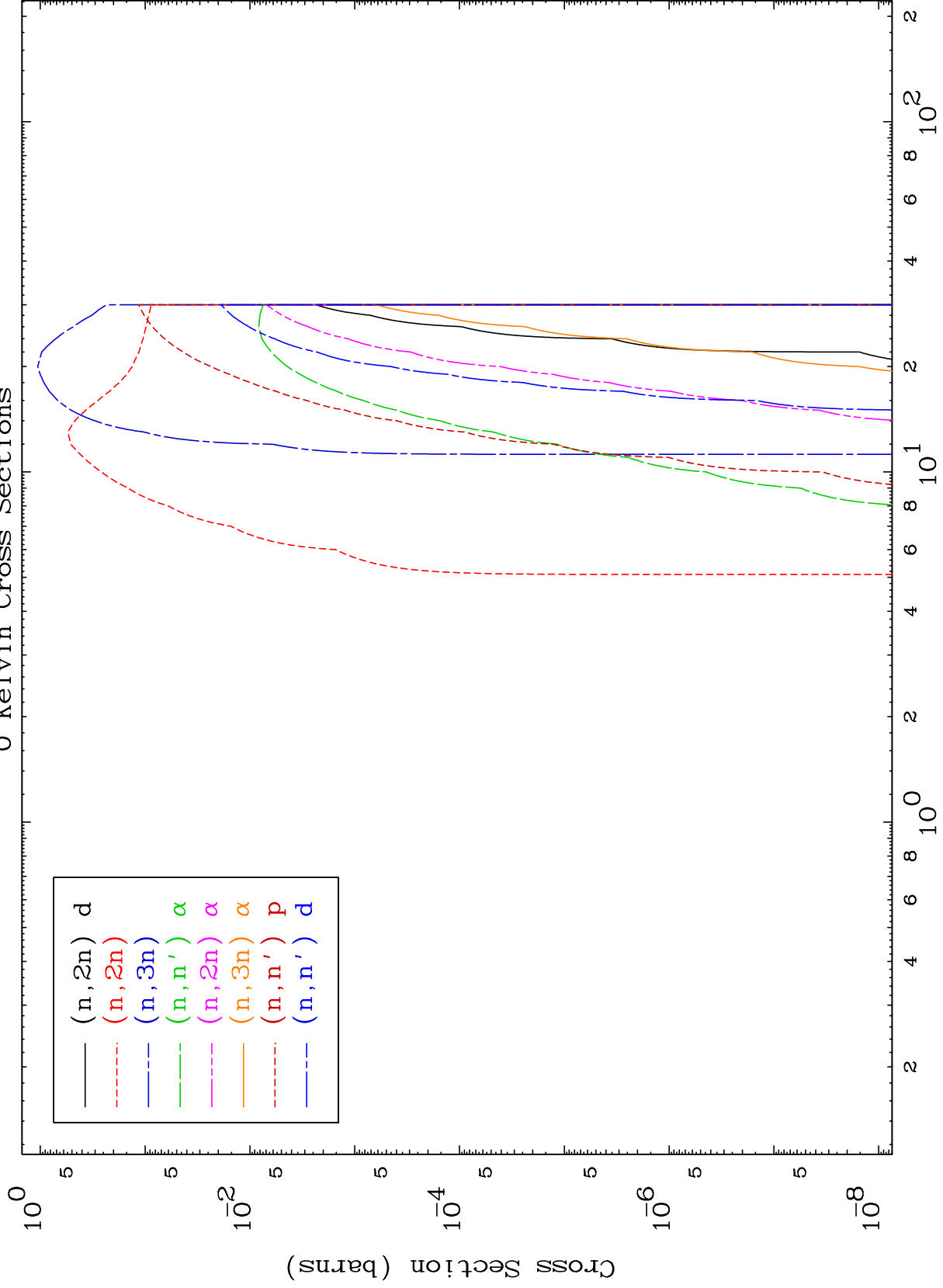
0 Kelvin Cross Sections



MAT 7140

Proton Neutron Absorption
0 Kelvin Cross Sections

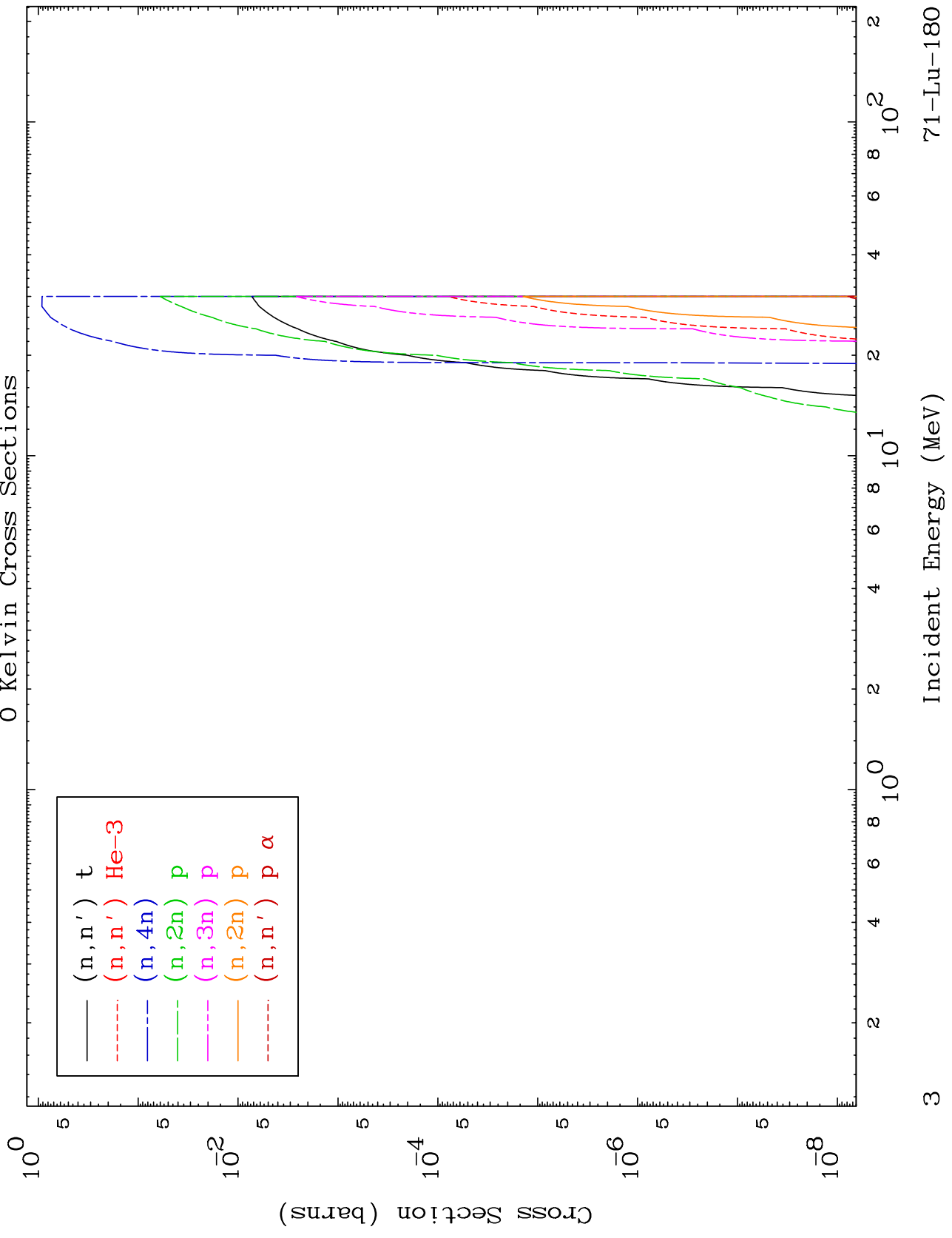
⁷¹Lu-180

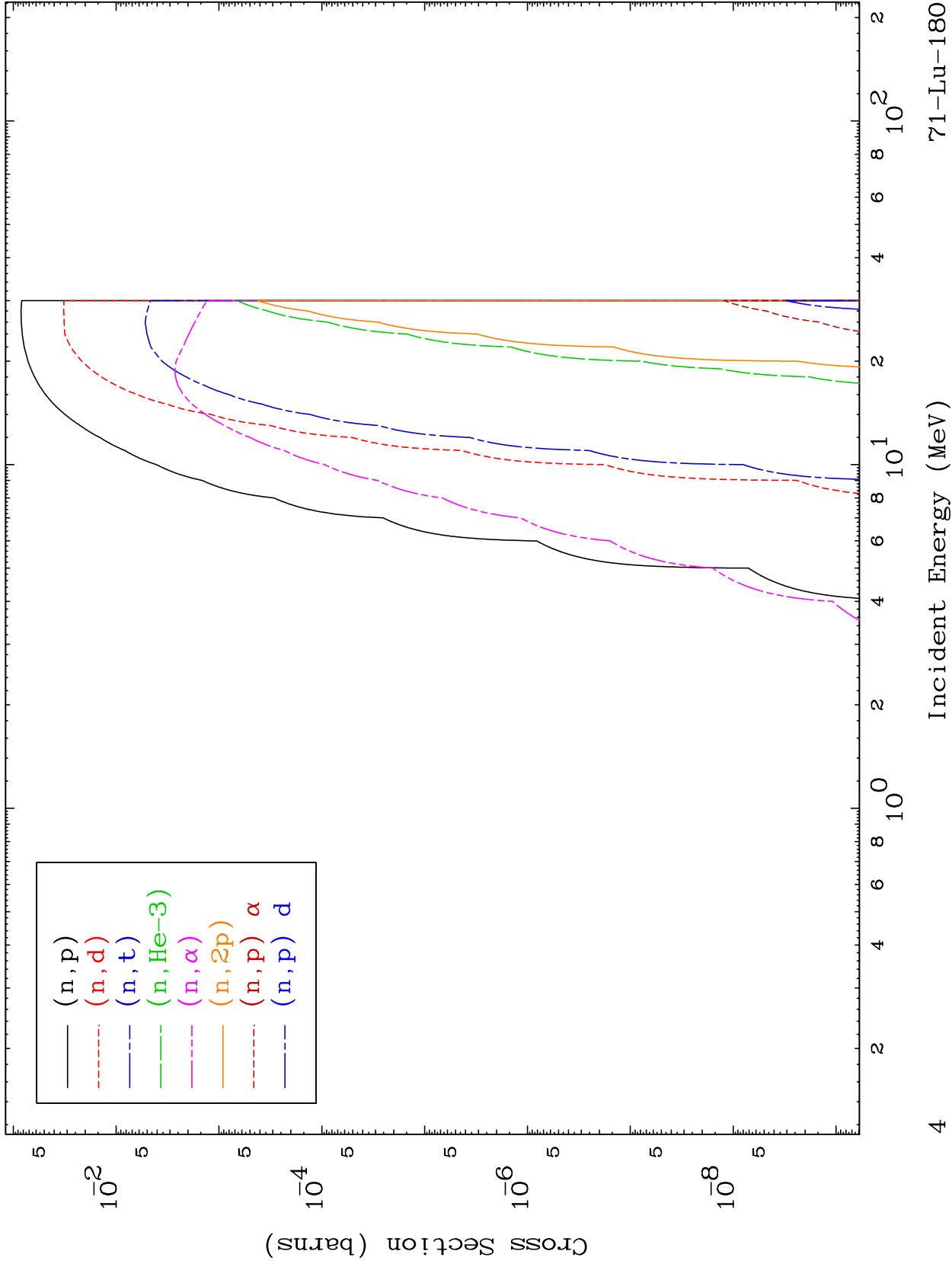


MAT 7140

Proton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-180

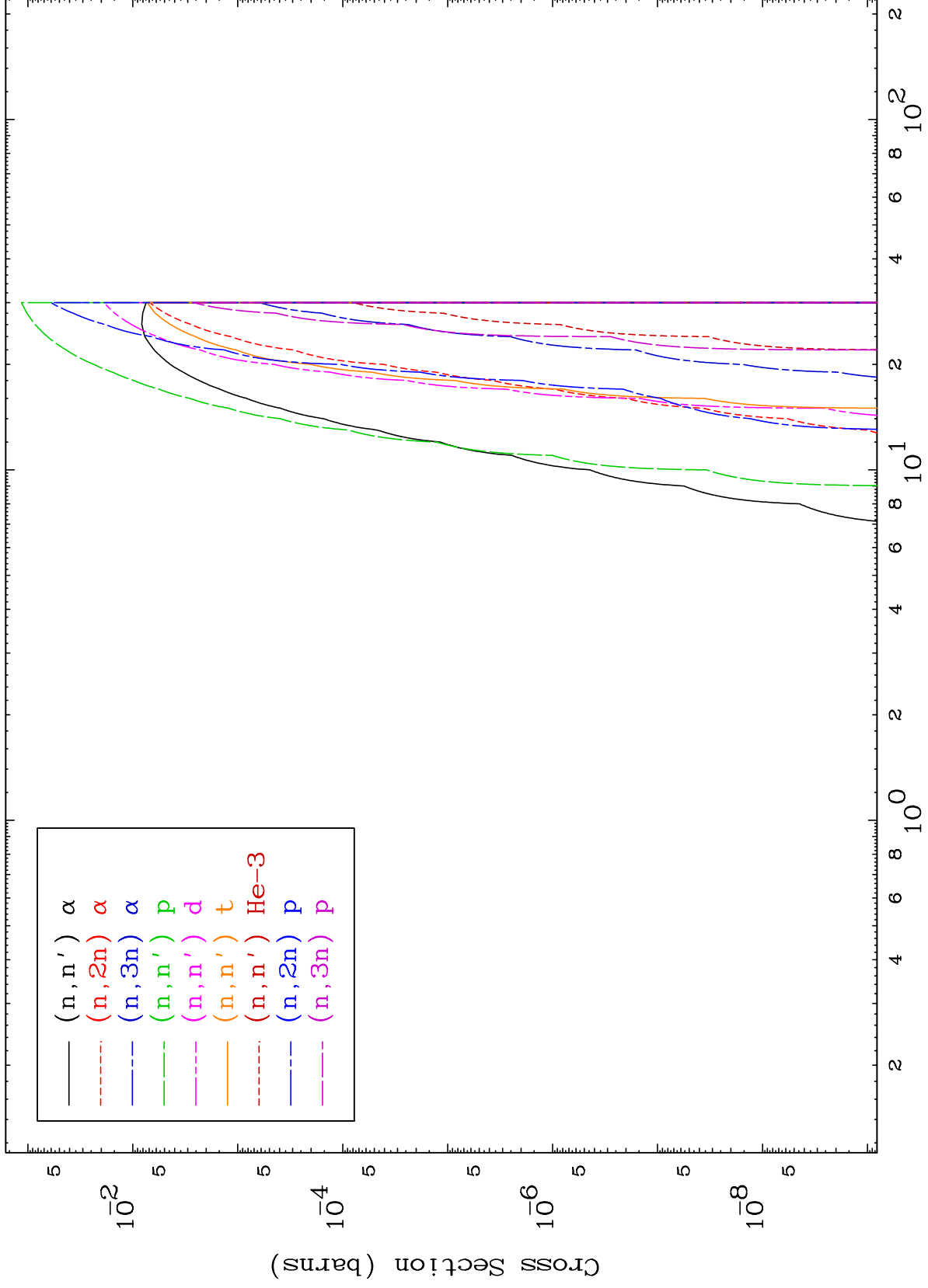


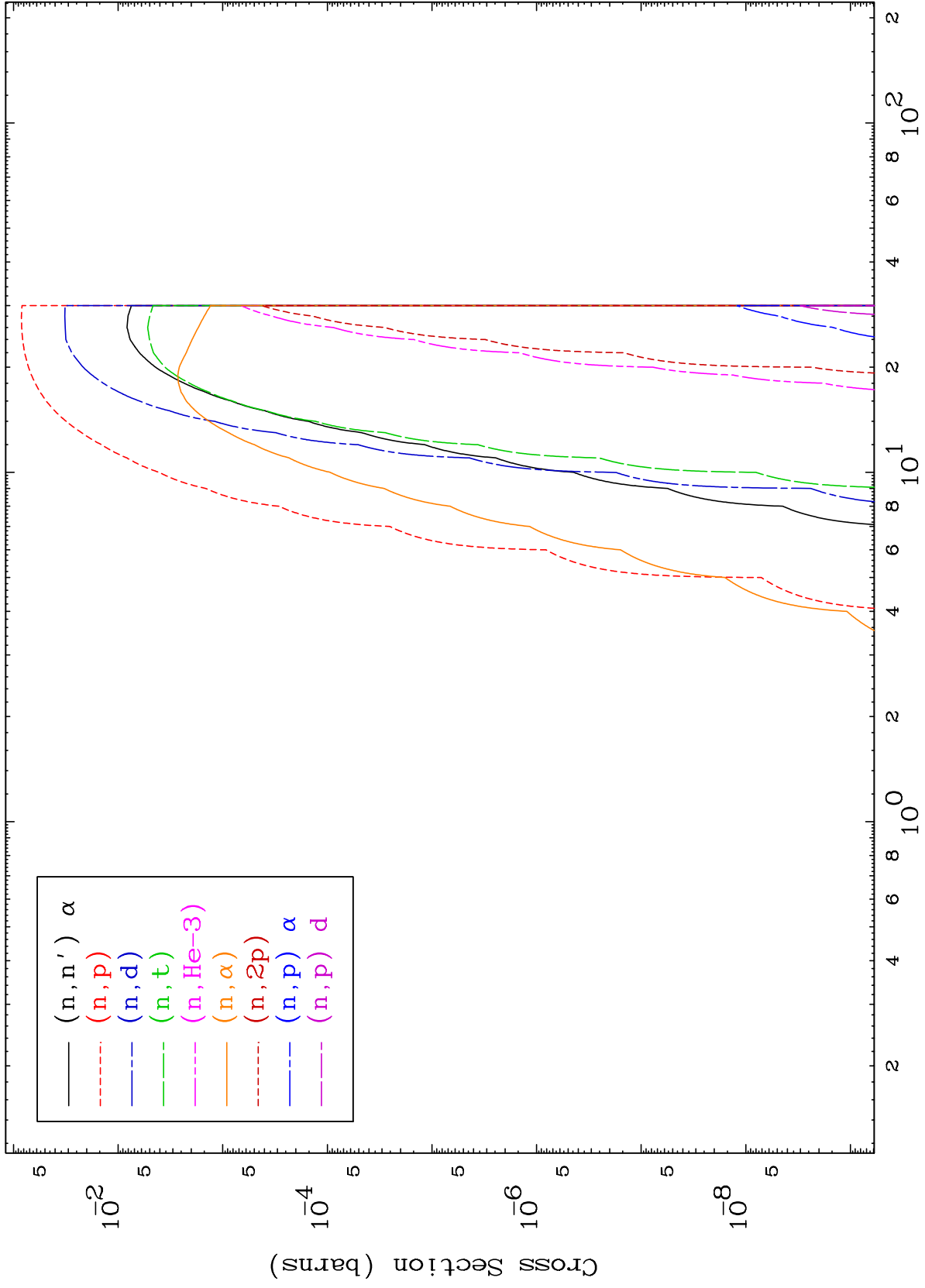


MAT 7140

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-180



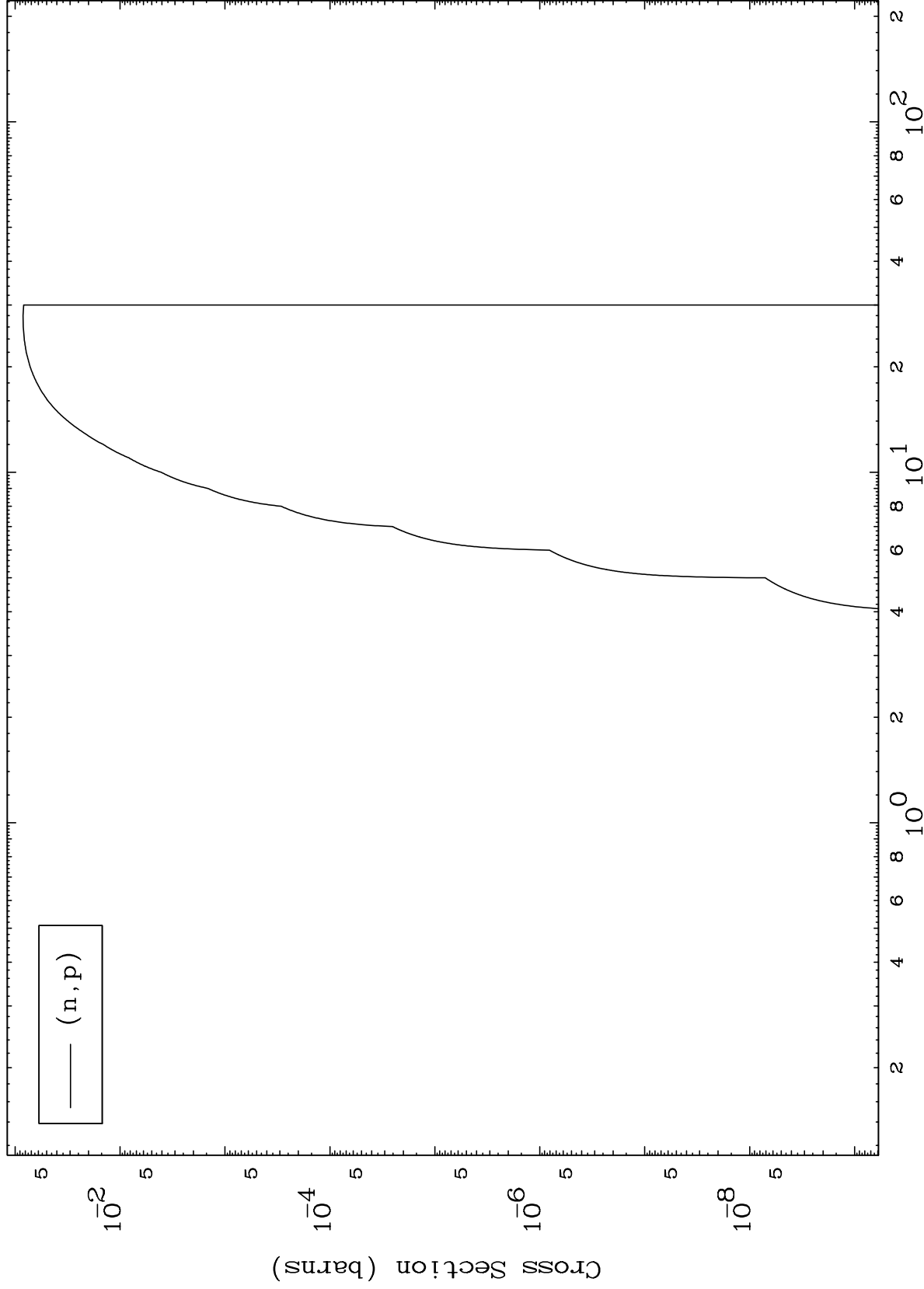


MAT 7140

(p,p) Levels

71-Lu-180

0 Kelvin Cross Sections



7

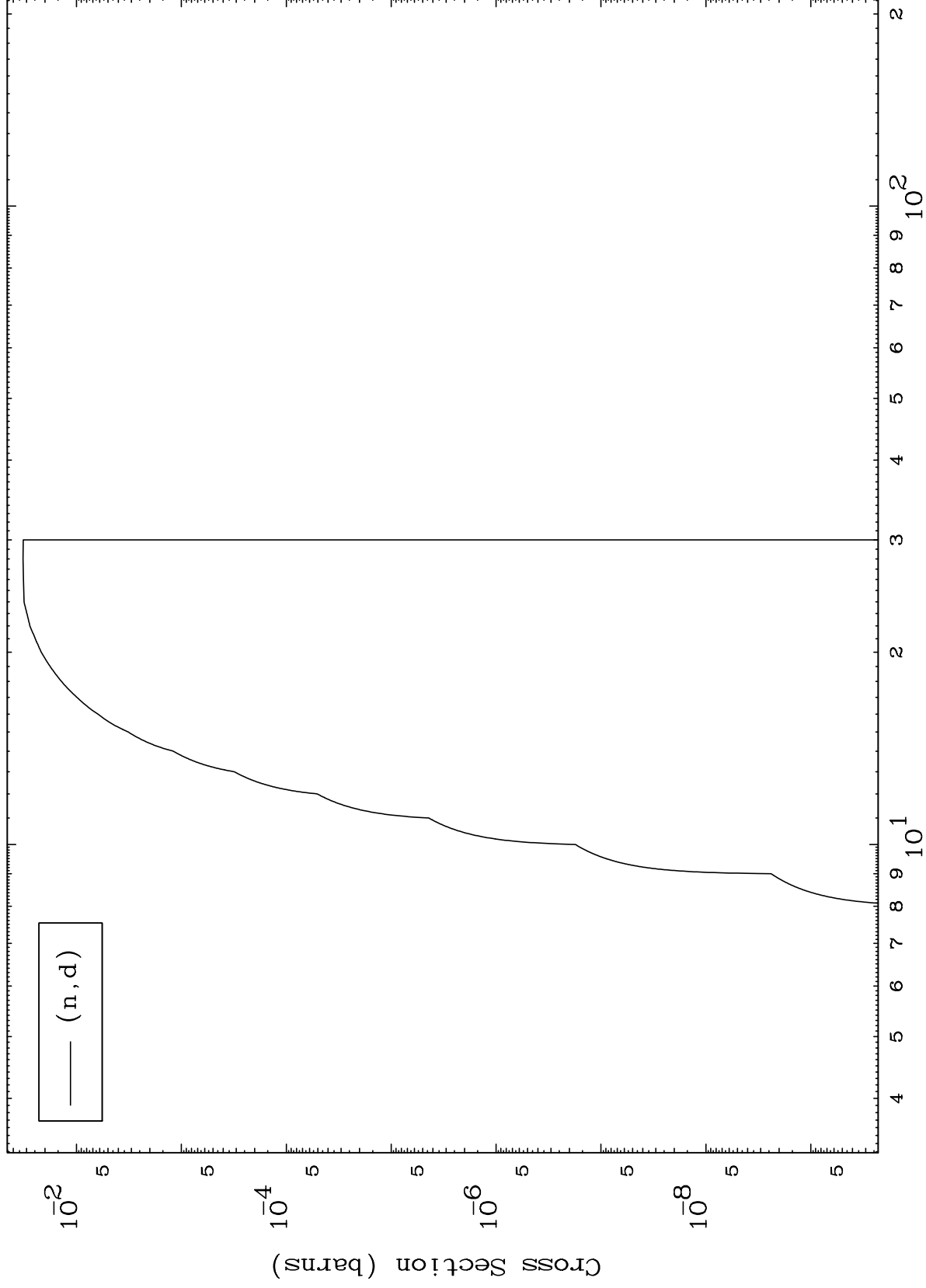
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-180

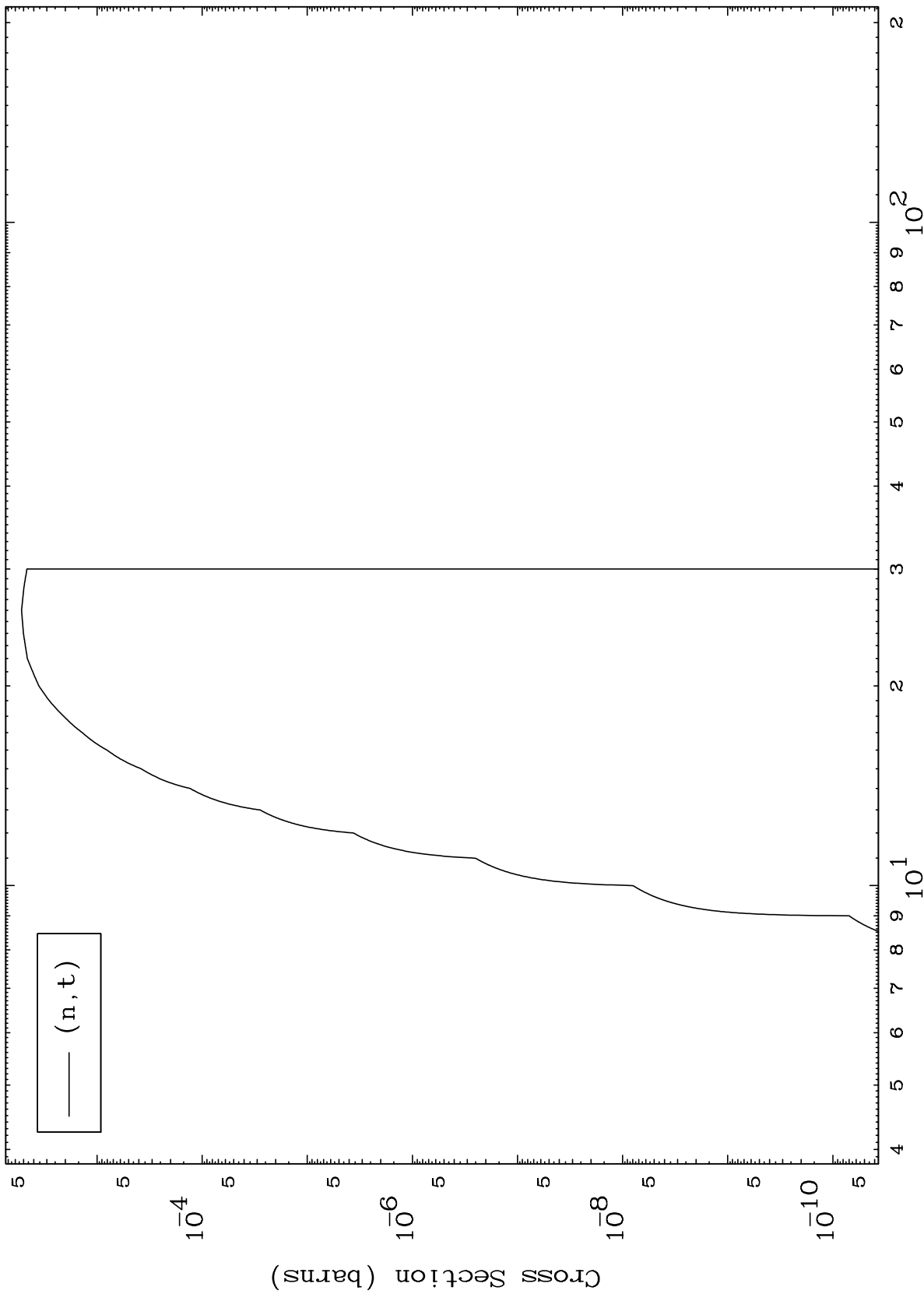


MAT 7140

(p, t) Levels

71-Lu-180

0 Kelvin Cross Sections



9

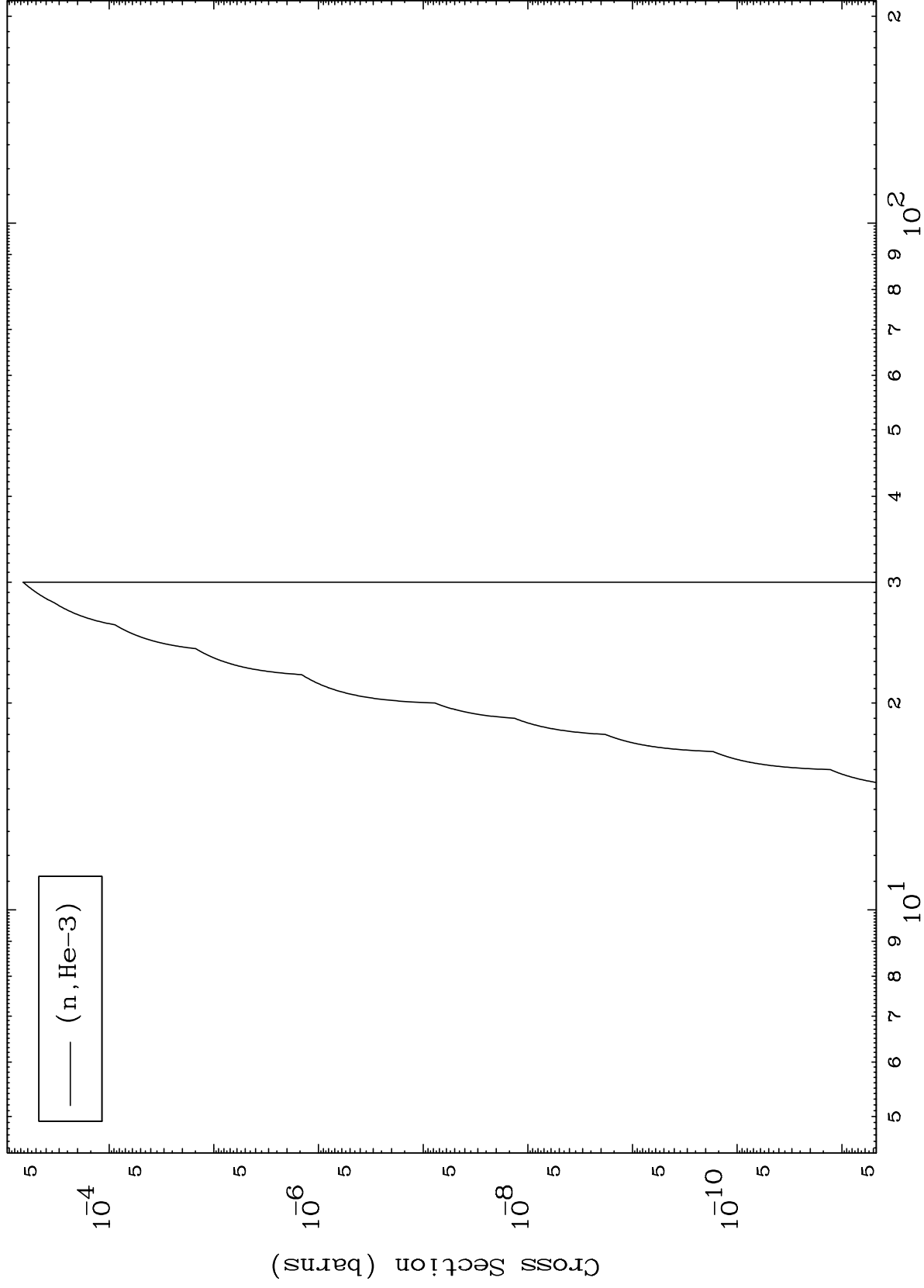
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-180



10

Incident Energy (MeV)

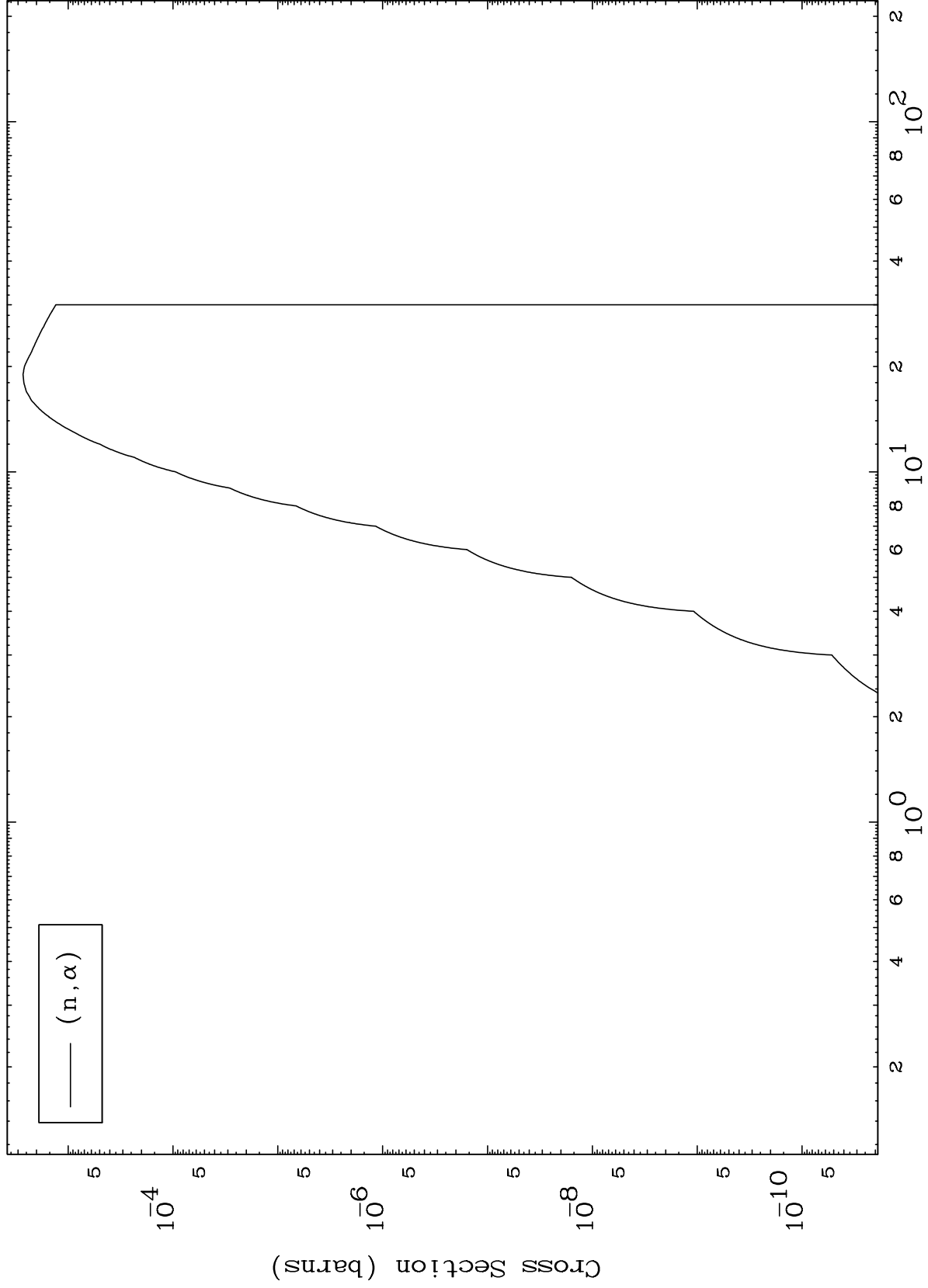
71-Lu-180

MAT 7140

(p, α) Levels

71-Lu-180

0 Kelvin Cross Sections



11

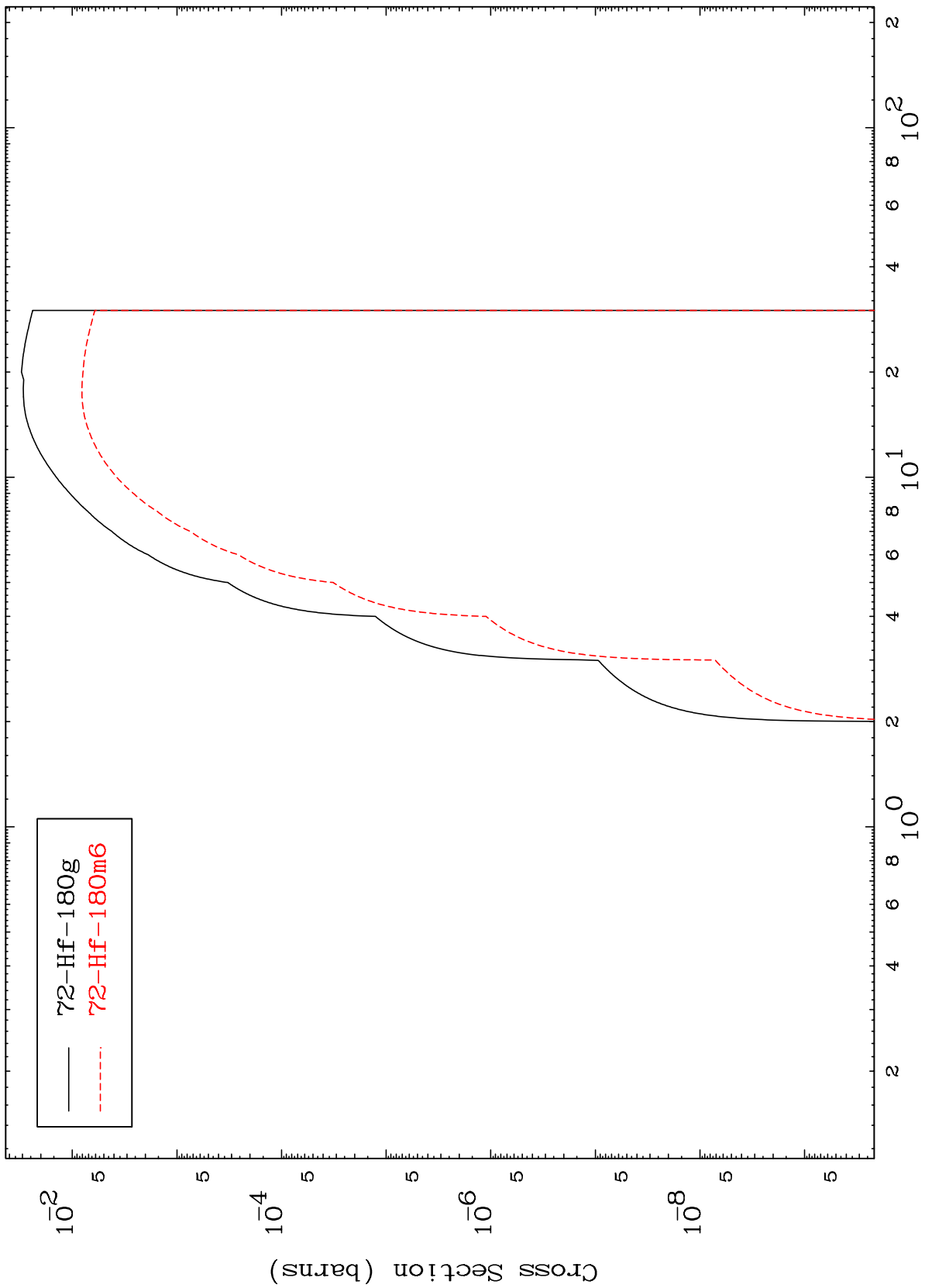
Incident Energy (MeV)

71-Lu-180

MAT 7140

71-Lu-180

Inelastic
Radionuclide Production Cross Section



— $^{180}\text{Hf-g}$
- - - $^{180}\text{Hf-m6}$

12

Incident Energy (MeV)

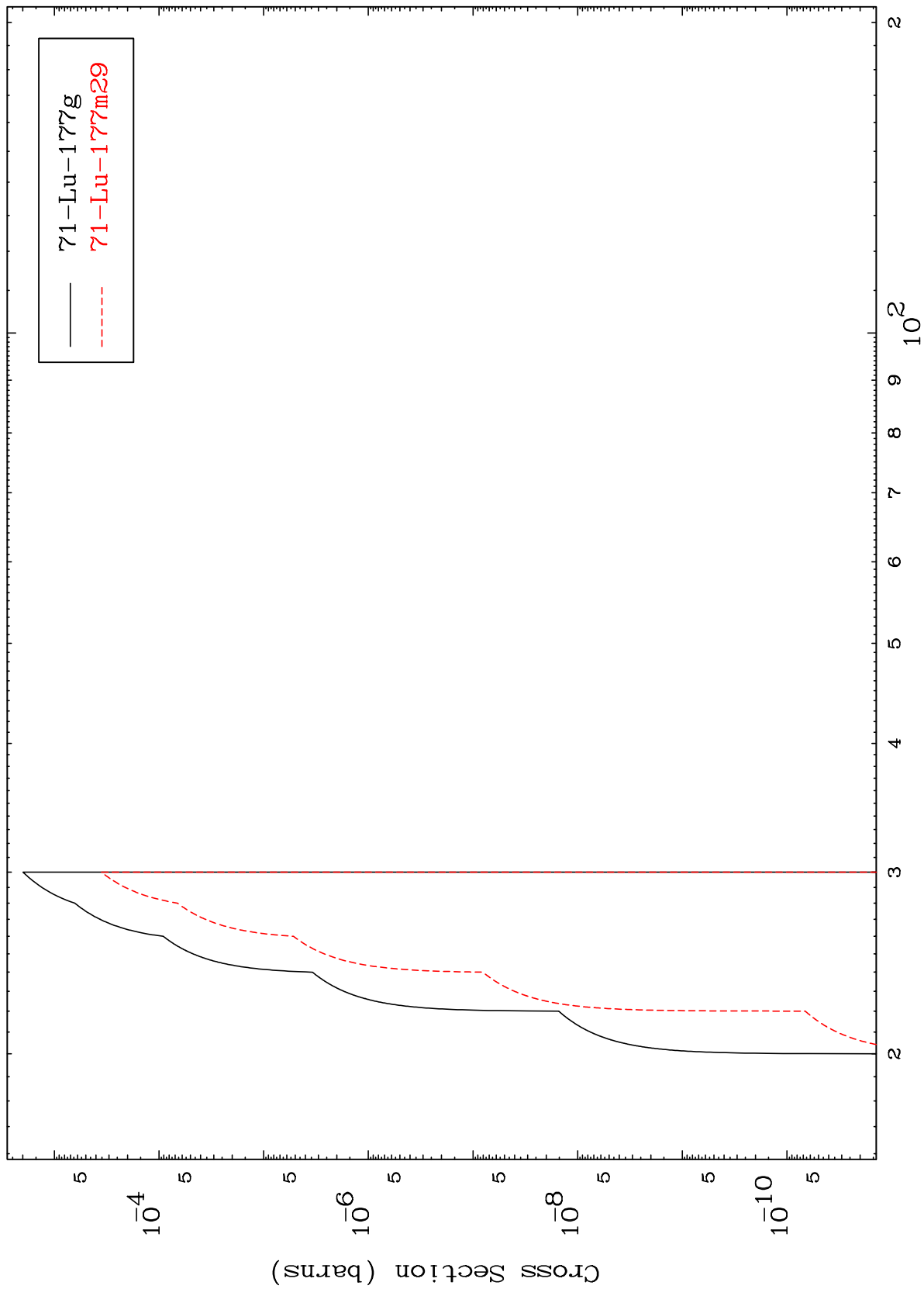
71-Lu-180

MAT 7140

(n,2n) d

71-Lu-180

Radionuclide Production Cross Section



13

Incident Energy (MeV)

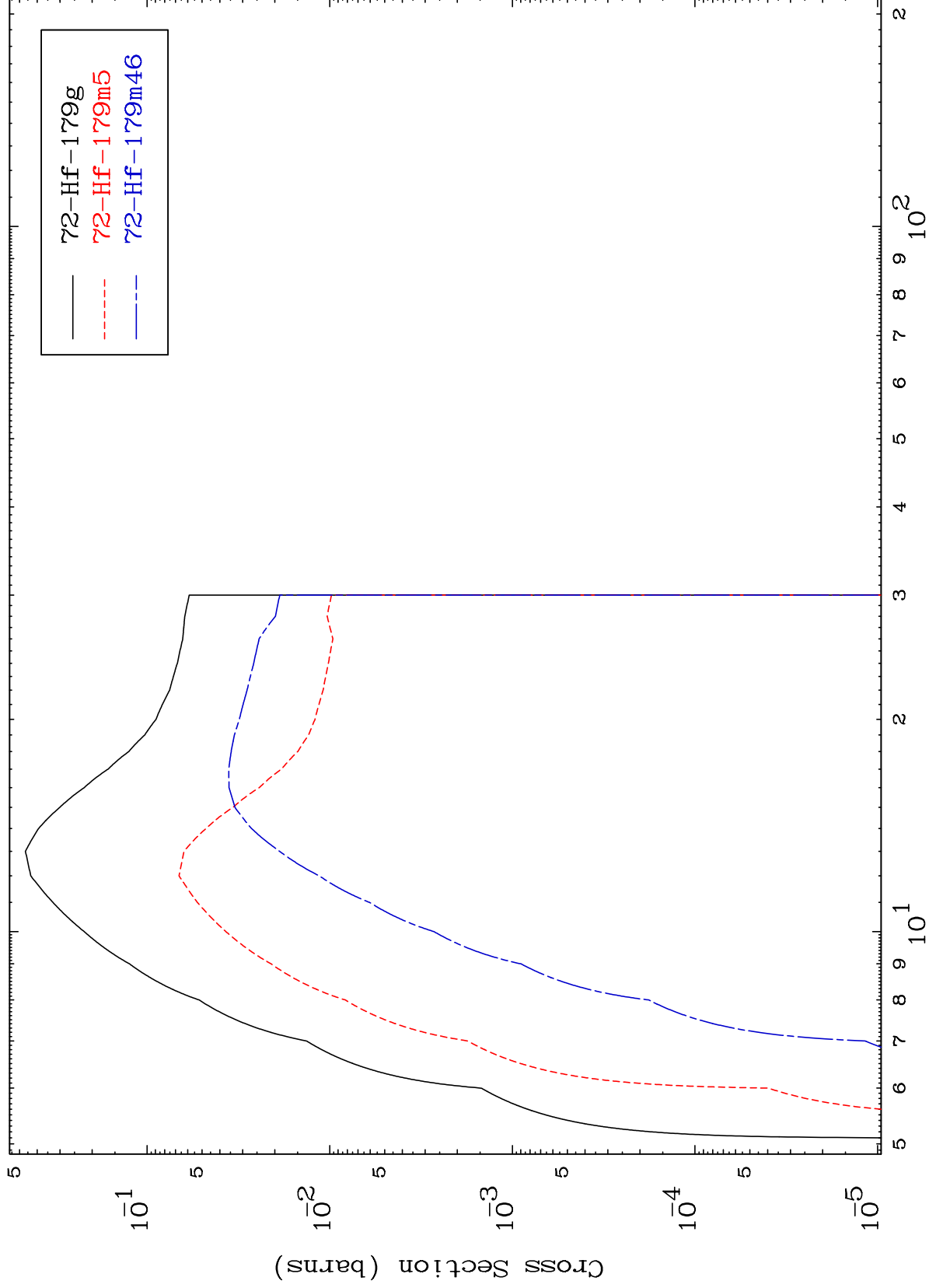
71-Lu-180

MAT 7140

(n,2n)

71-Lu-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

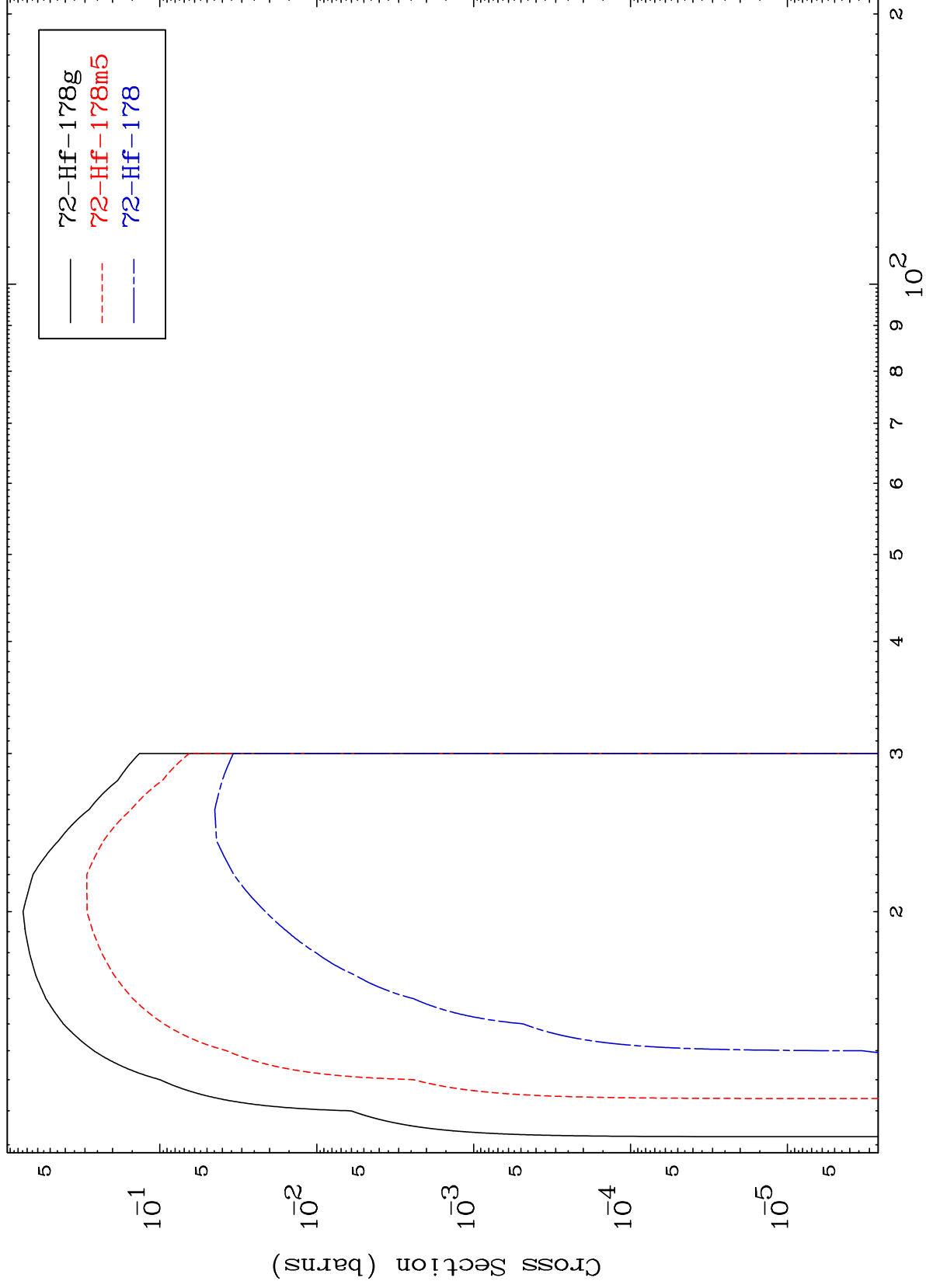
71-Lu-180

MAT 7140

(n,3n)

71-Lu-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

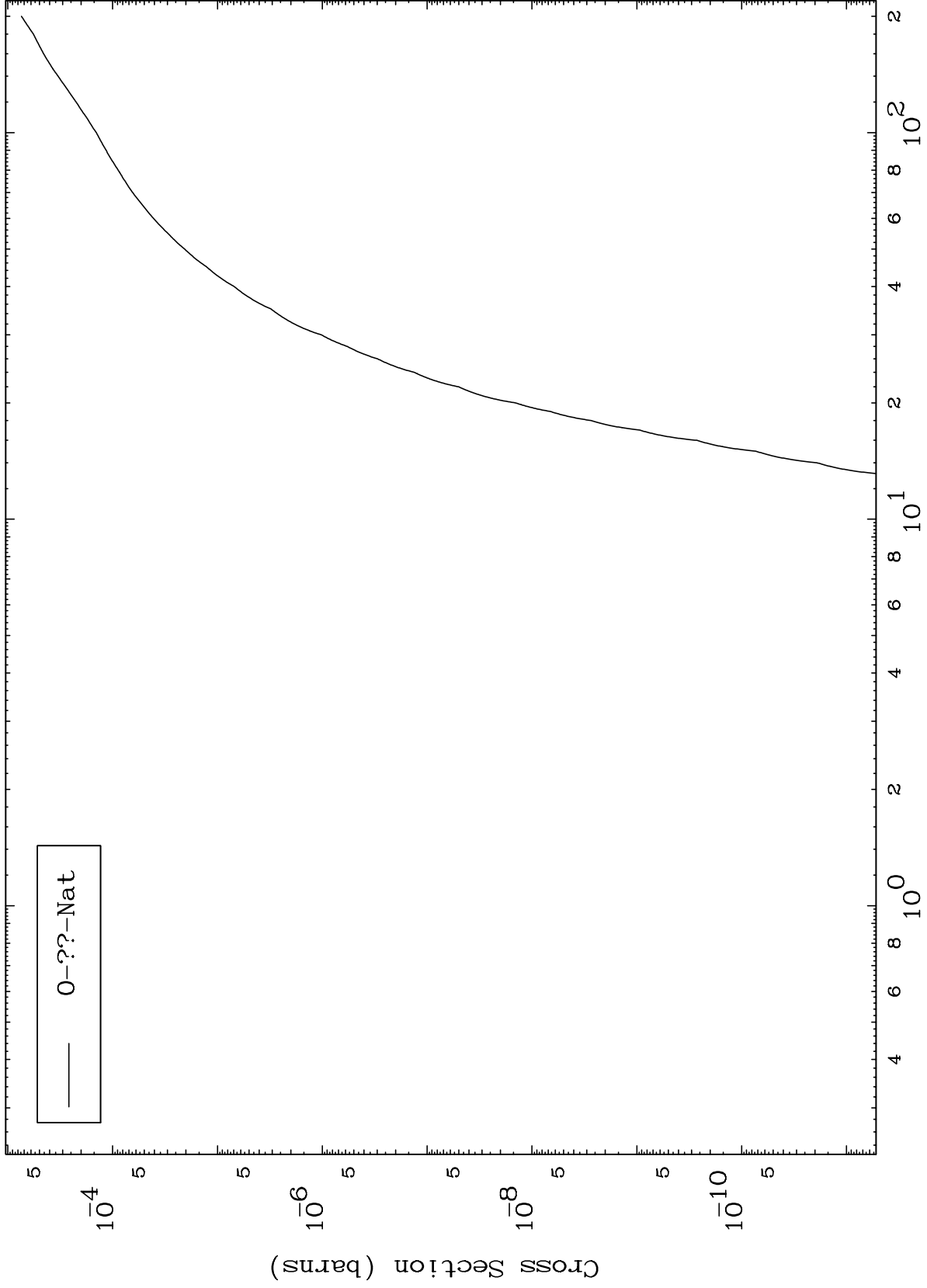
71-Lu-180

MAT 7140

Fission

⁷¹Lu-180

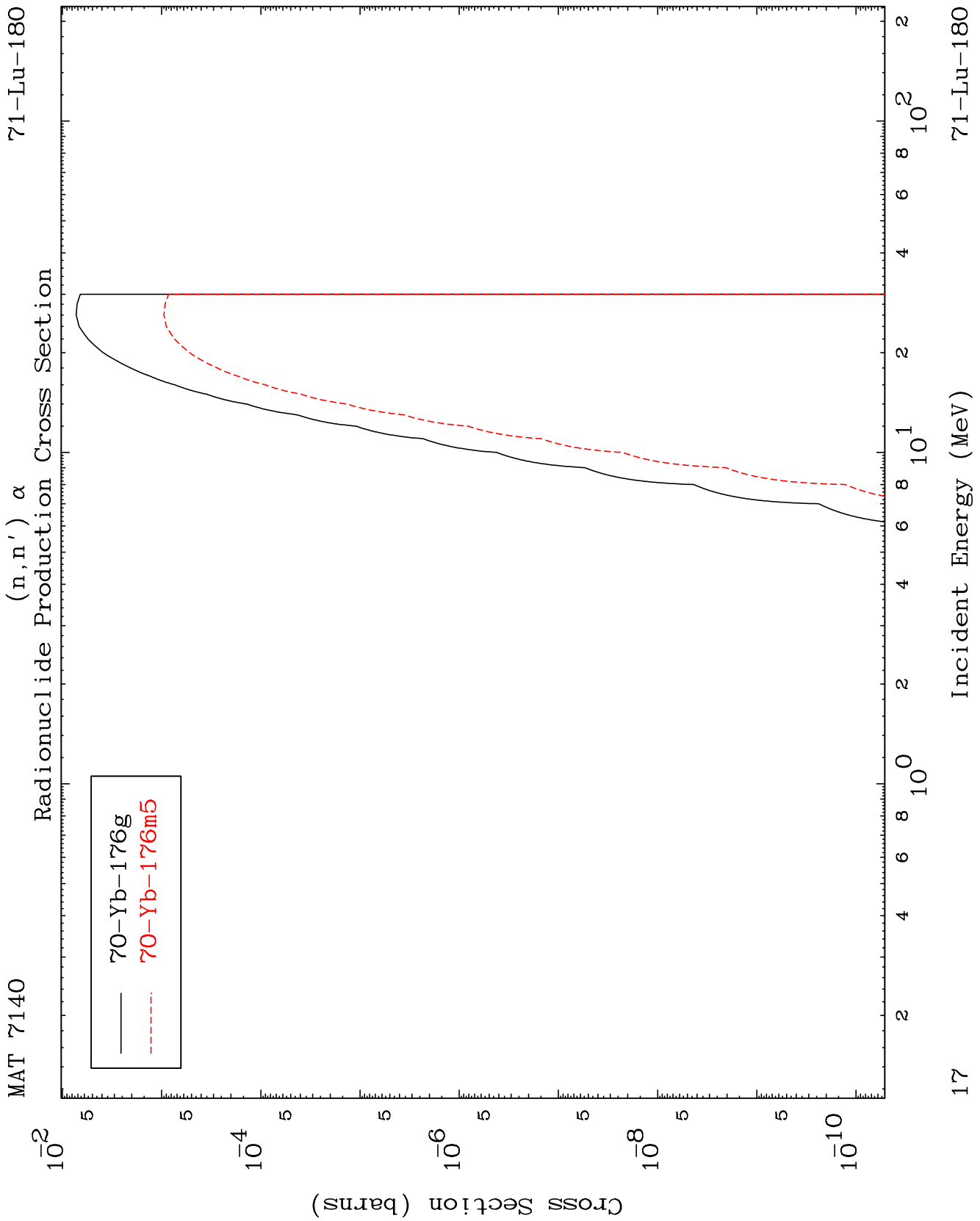
Radionuclide Production Cross Section

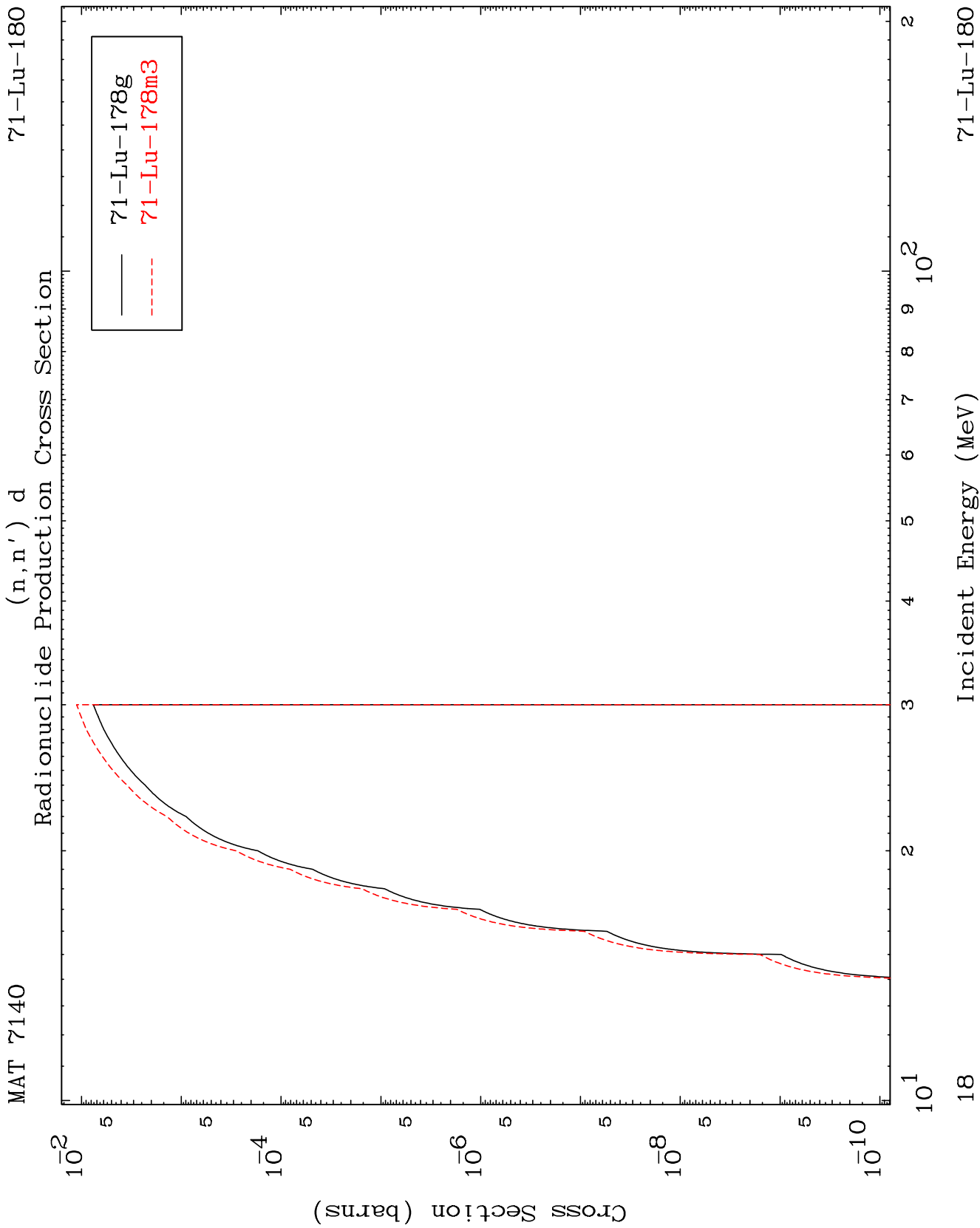


16

Incident Energy (MeV)

⁷¹Lu-180



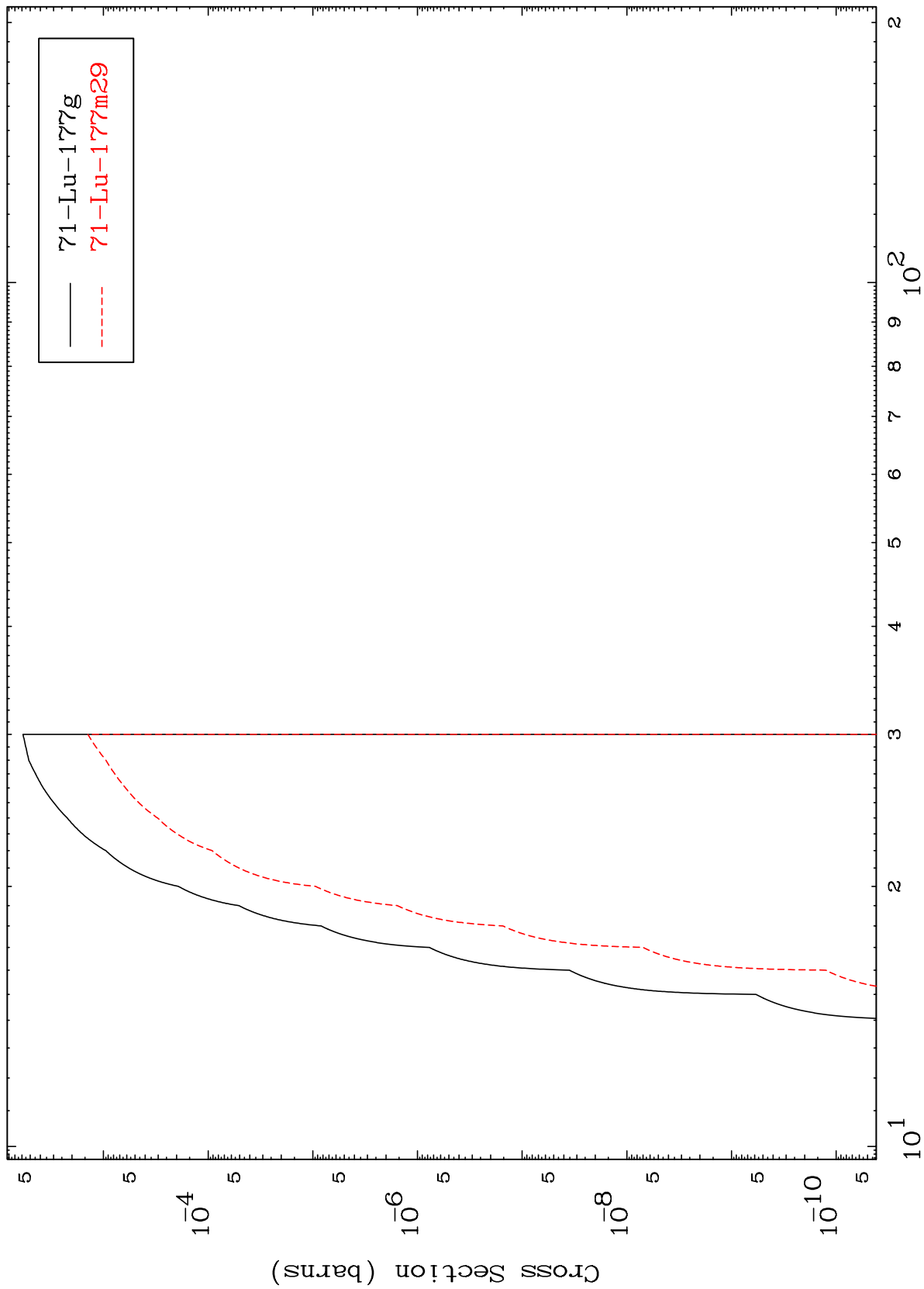


MAT 7140

(n,n') t

71-Lu-180

Radionuclide Production Cross Section



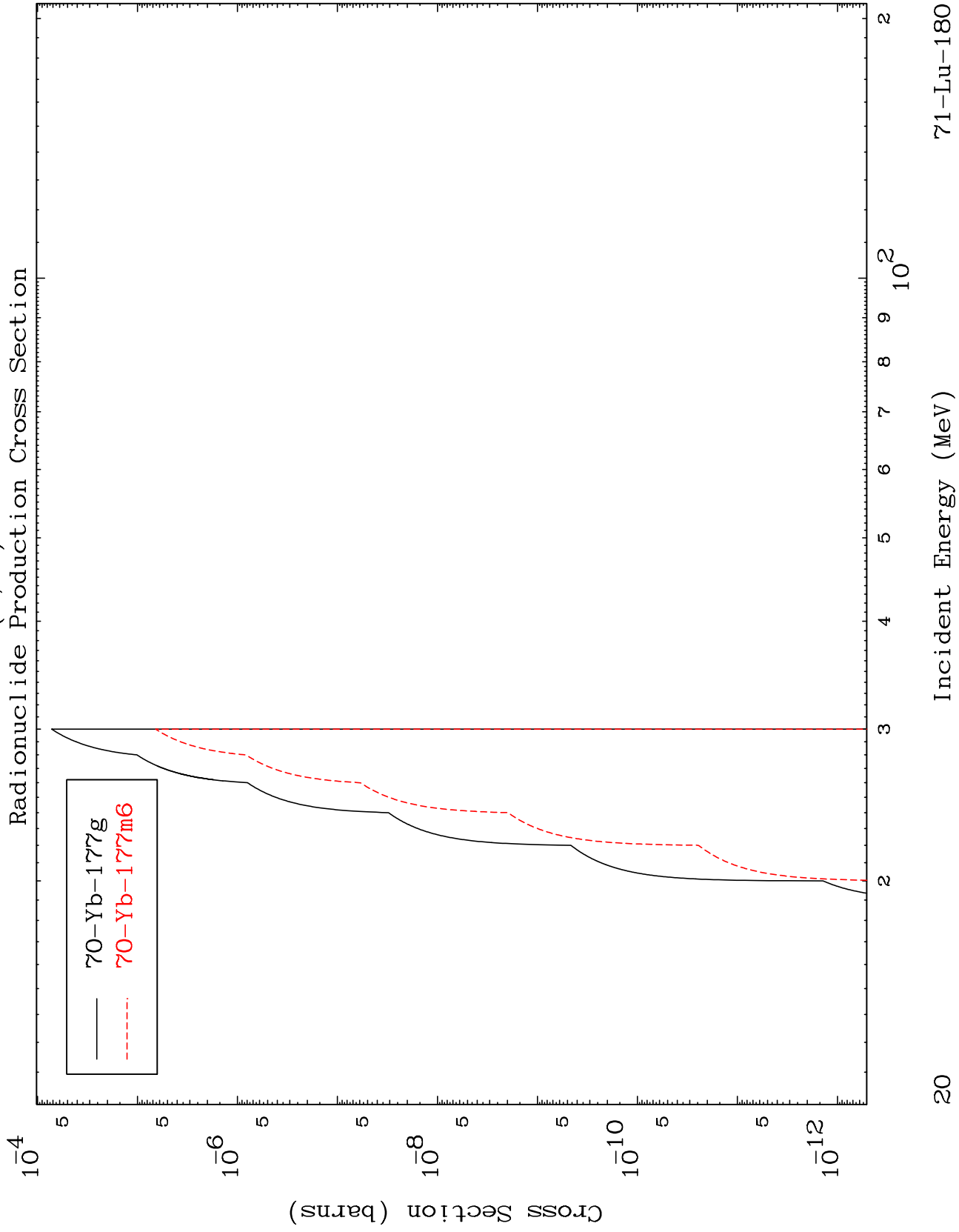
Incident Energy (MeV)

71-Lu-180

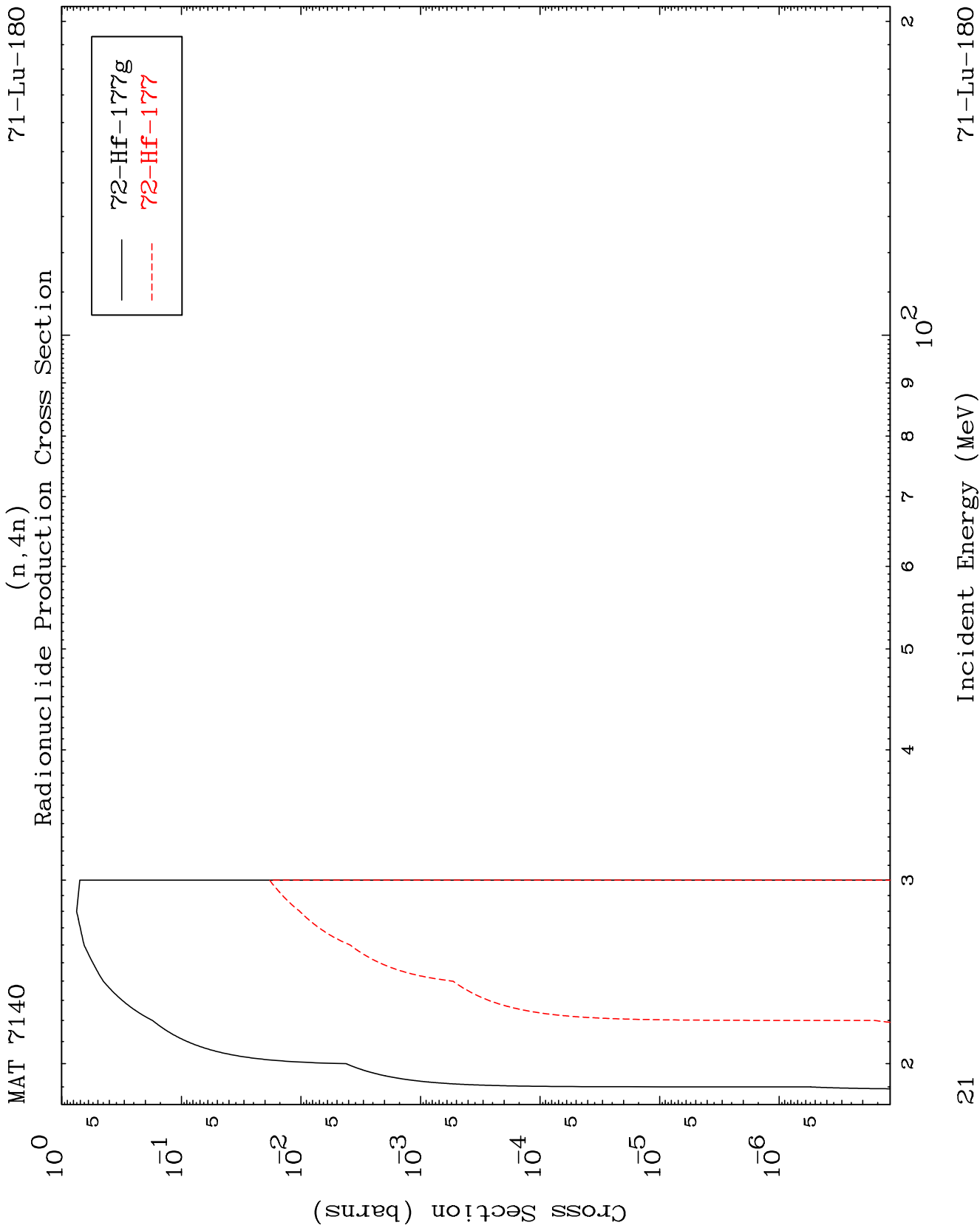
MAT 7140

(n,n') He-3

71-Lu-180



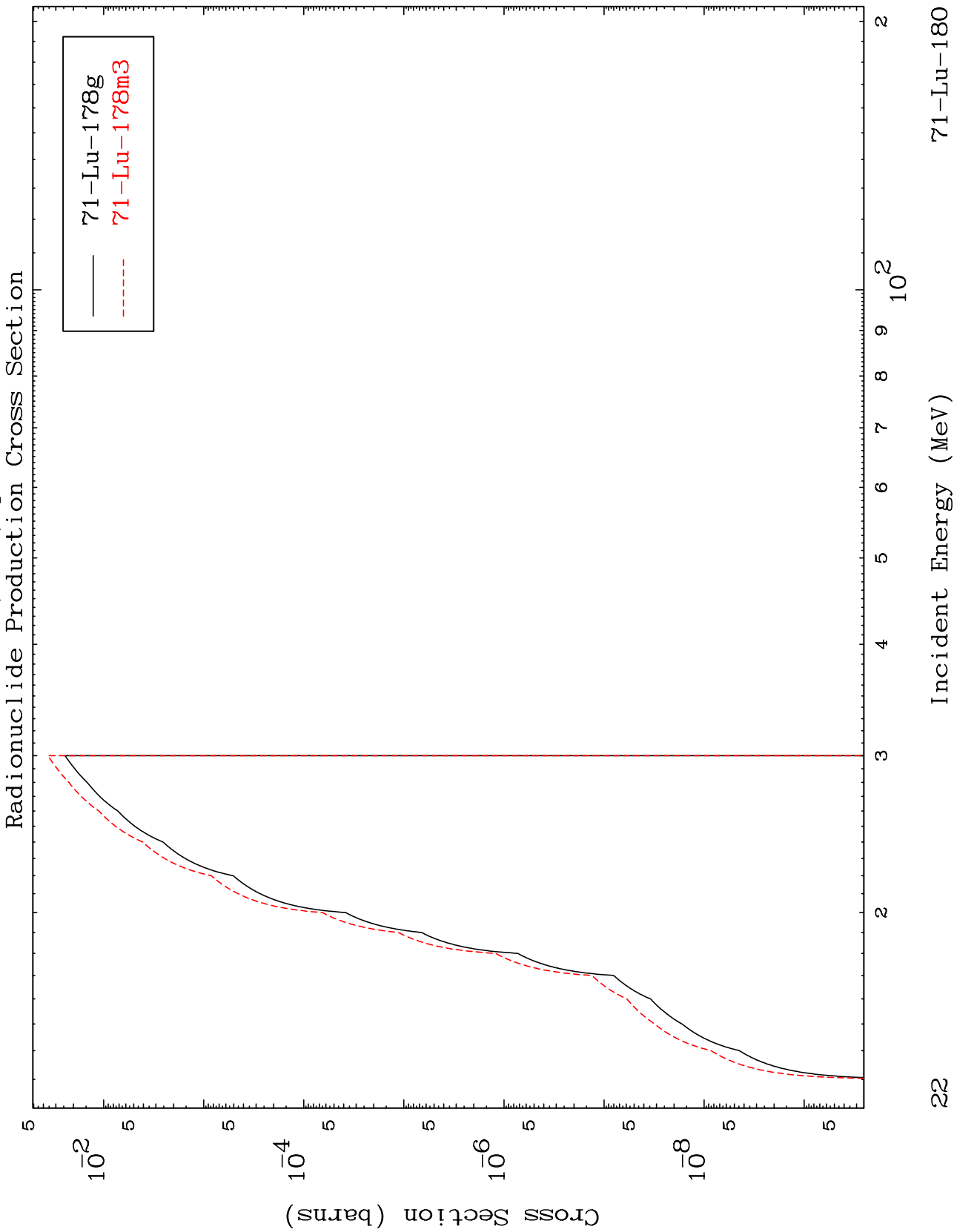
20



MAT 7140

(n,2n) p

71-Lu-180

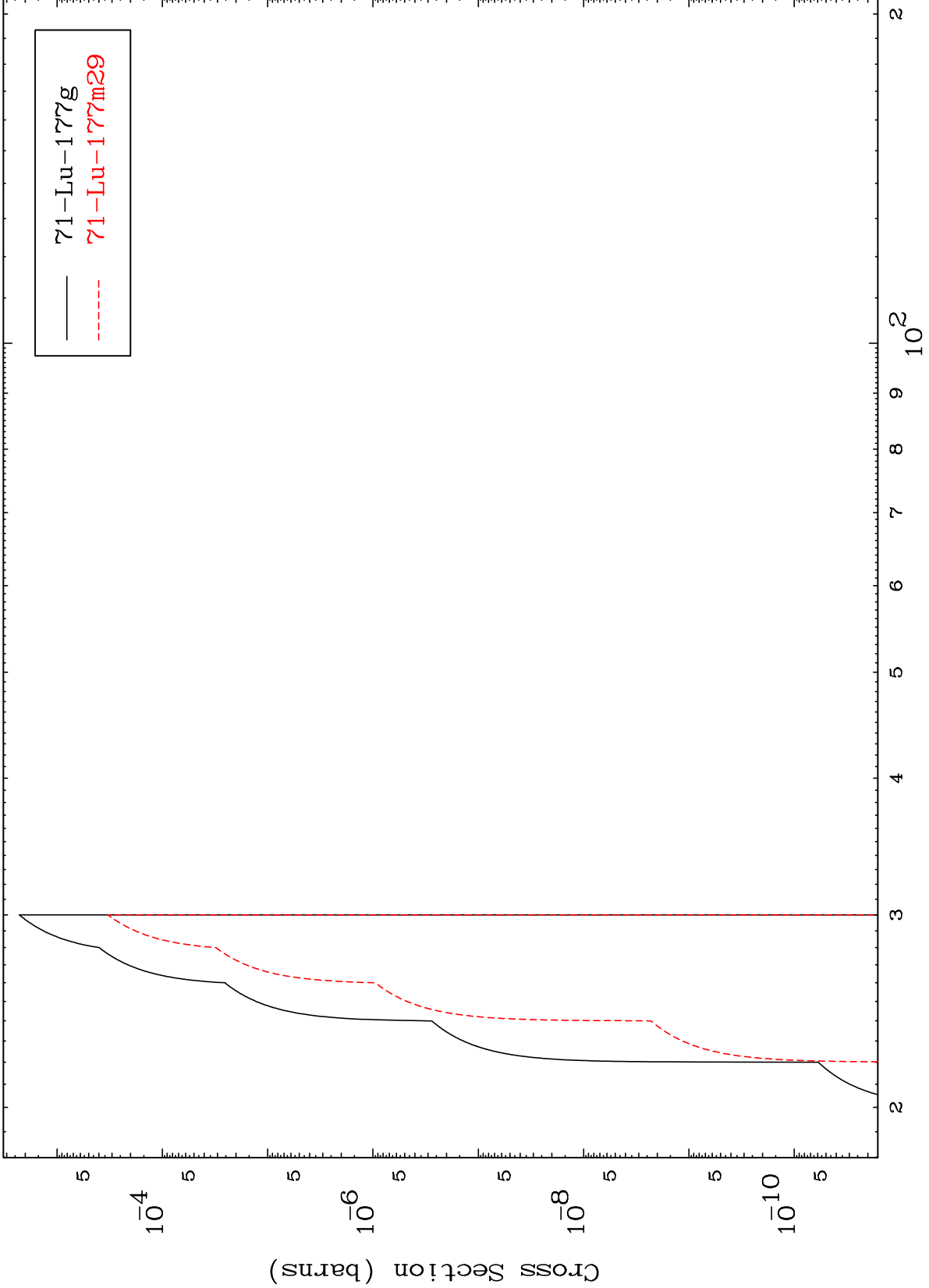


22

Incident Energy (MeV)

71-Lu-180

Radionuclide Production Cross Section

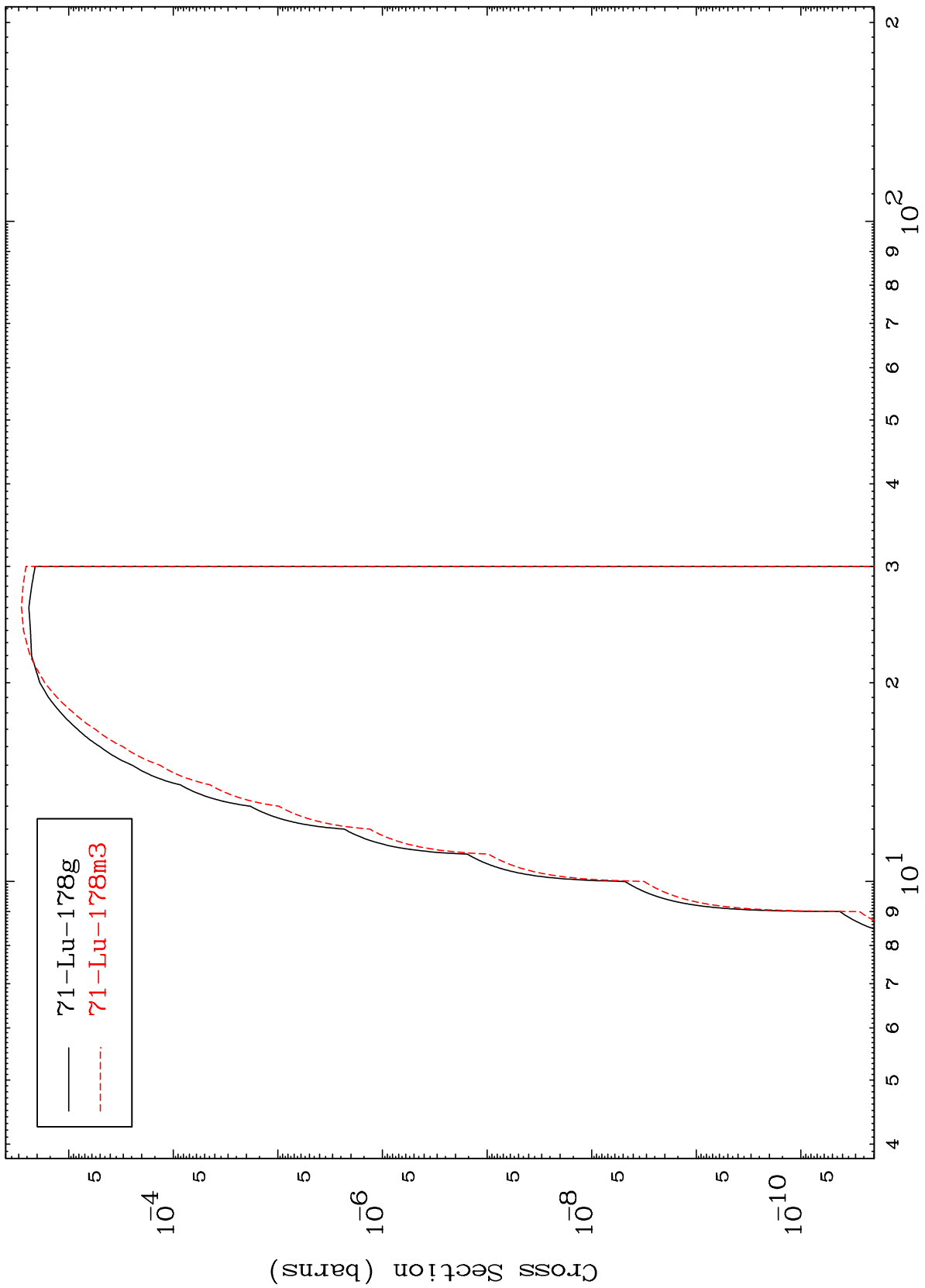


71-Lu-177g
71-Lu-177m29

MAT 7140

71-Lu-180

(n, t)
Radionuclide Production Cross Section



24

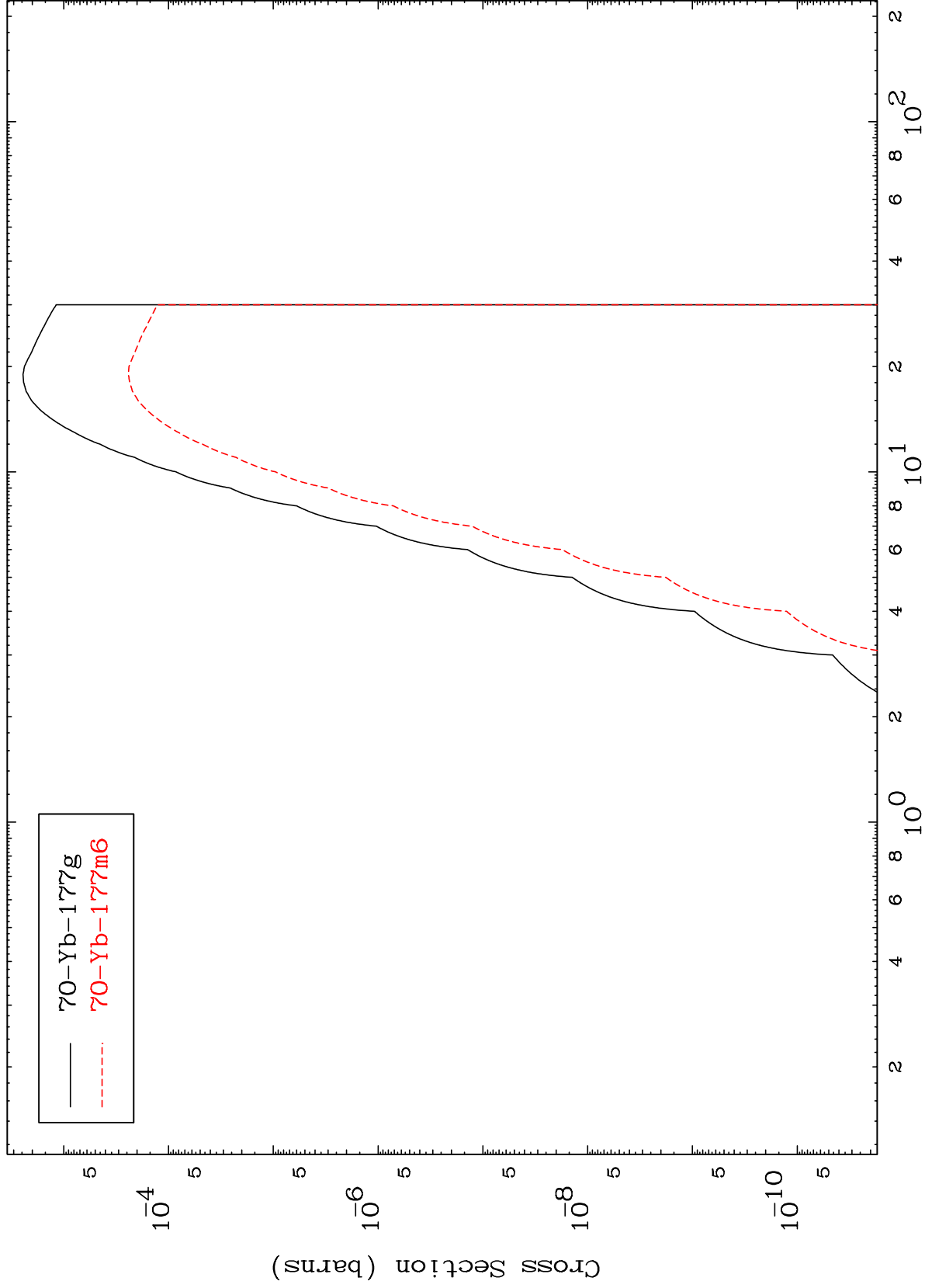
Incident Energy (MeV)

71-Lu-180

MAT 7140

71-Lu-180

Radionuclide Production Cross Section



25

71-Lu-180

Incident Energy (MeV)