

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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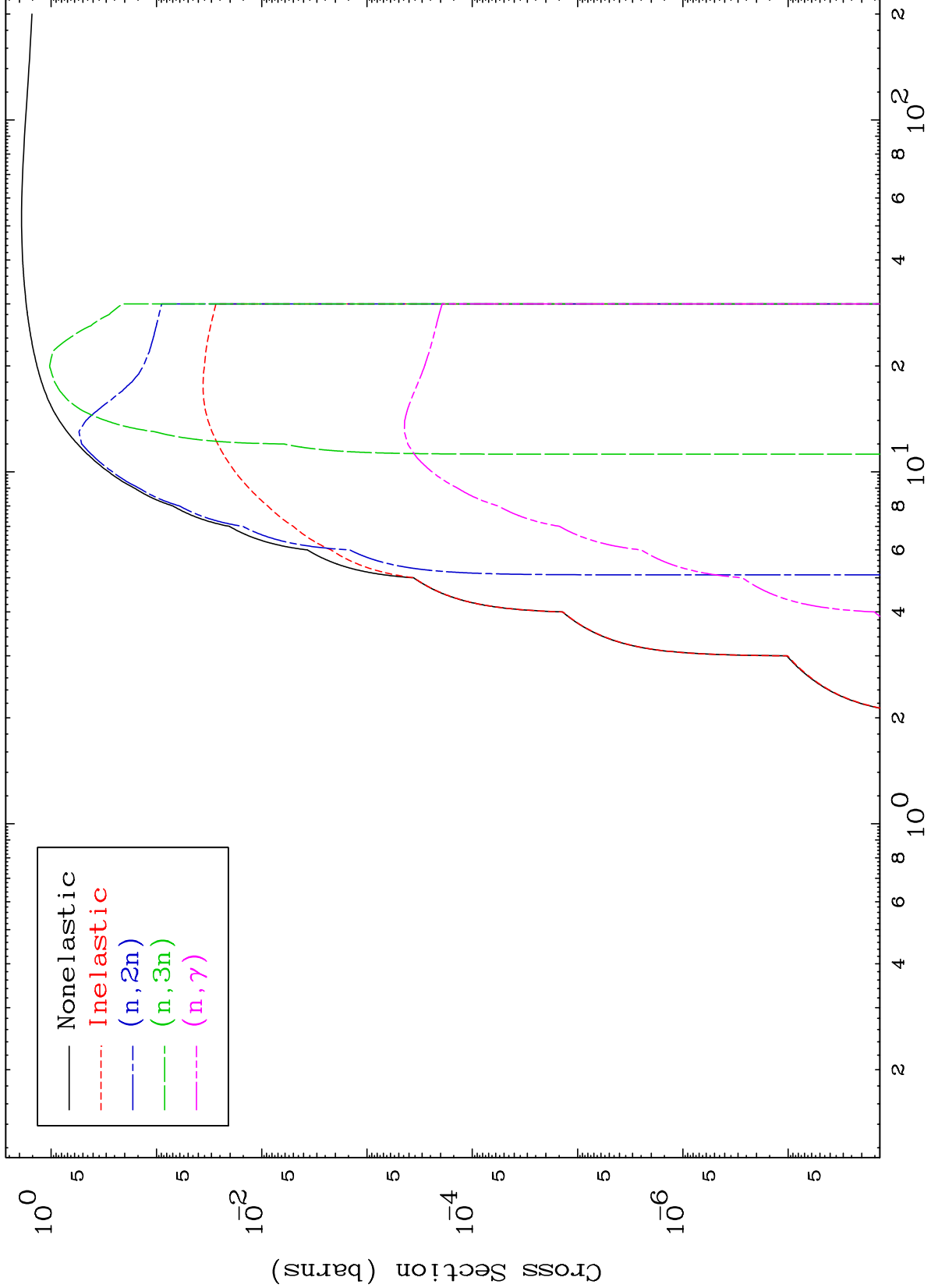
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

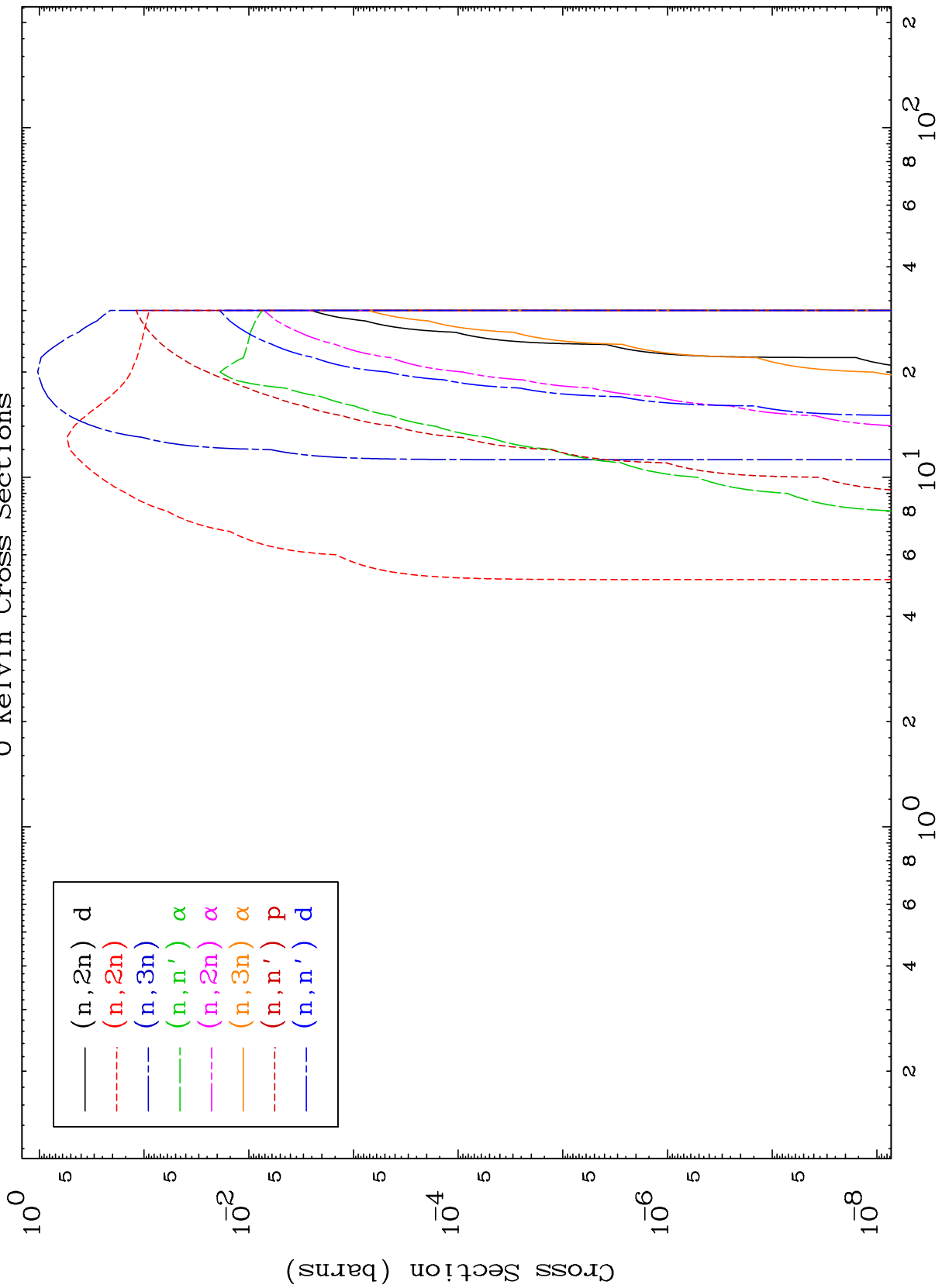
0 Kelvin Cross Sections



MAT 7140

Proton Neutron Absorption
0 Kelvin Cross Sections

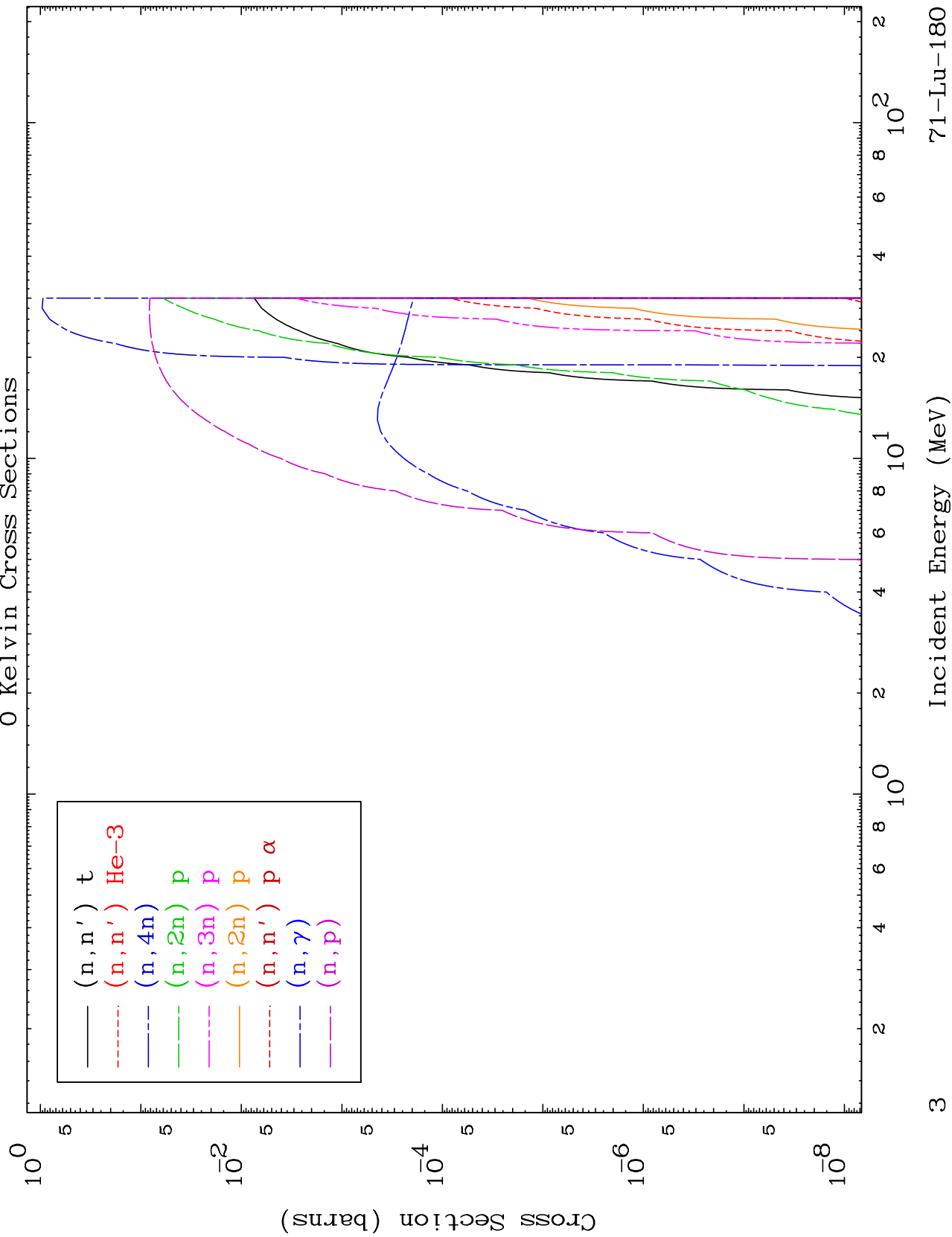
⁷¹Lu-180

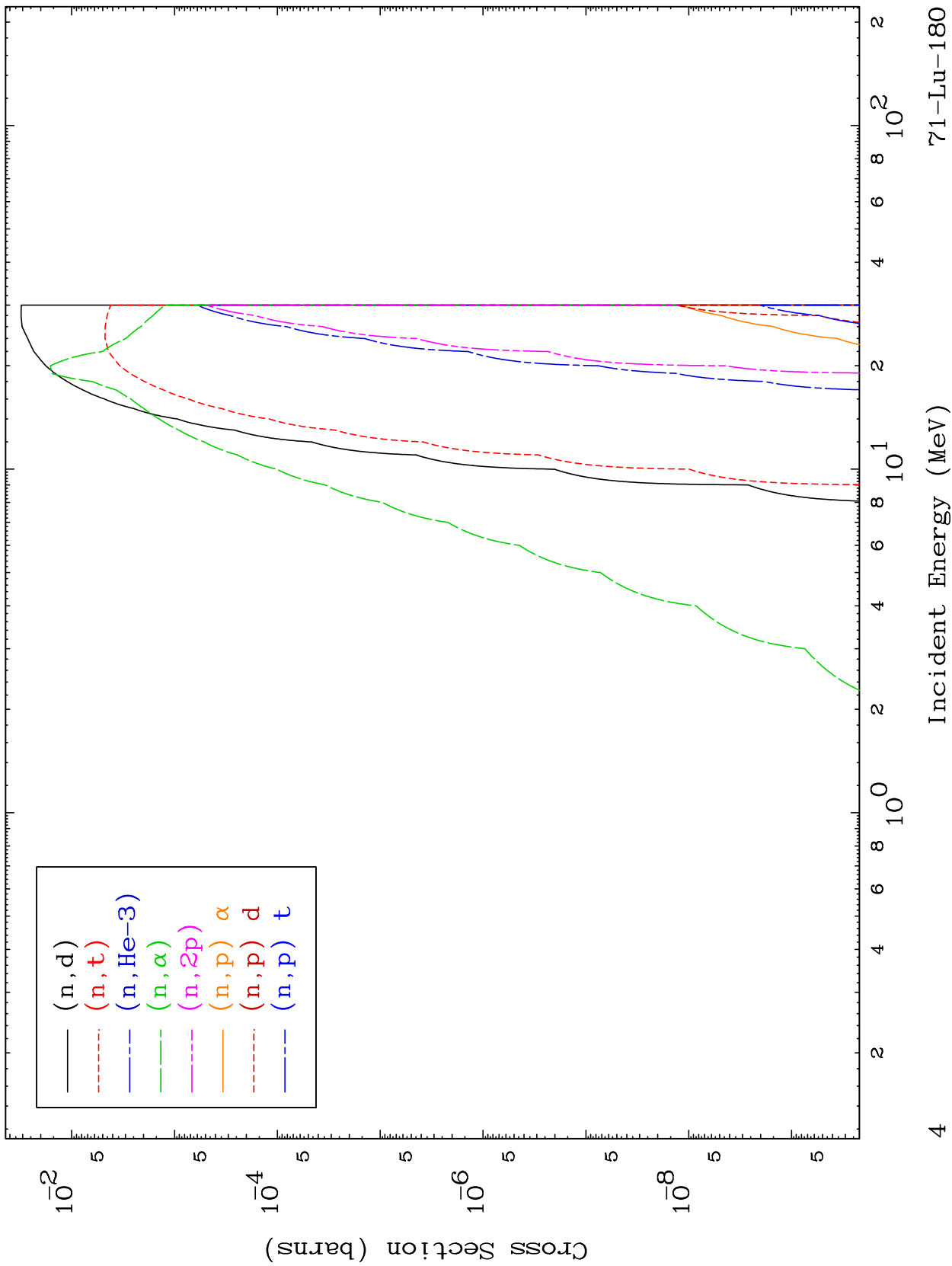


MAT 7140

Proton Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-180

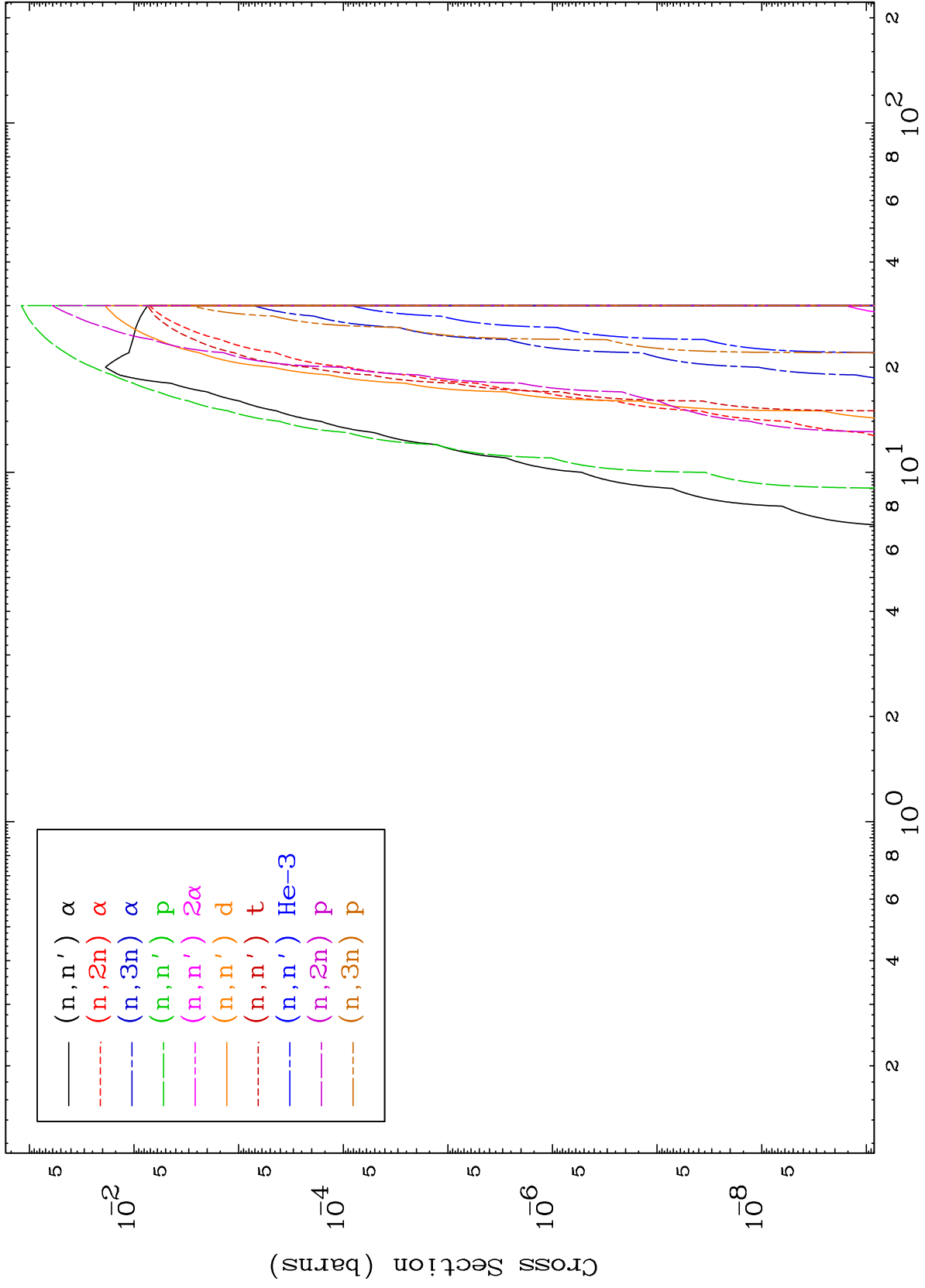


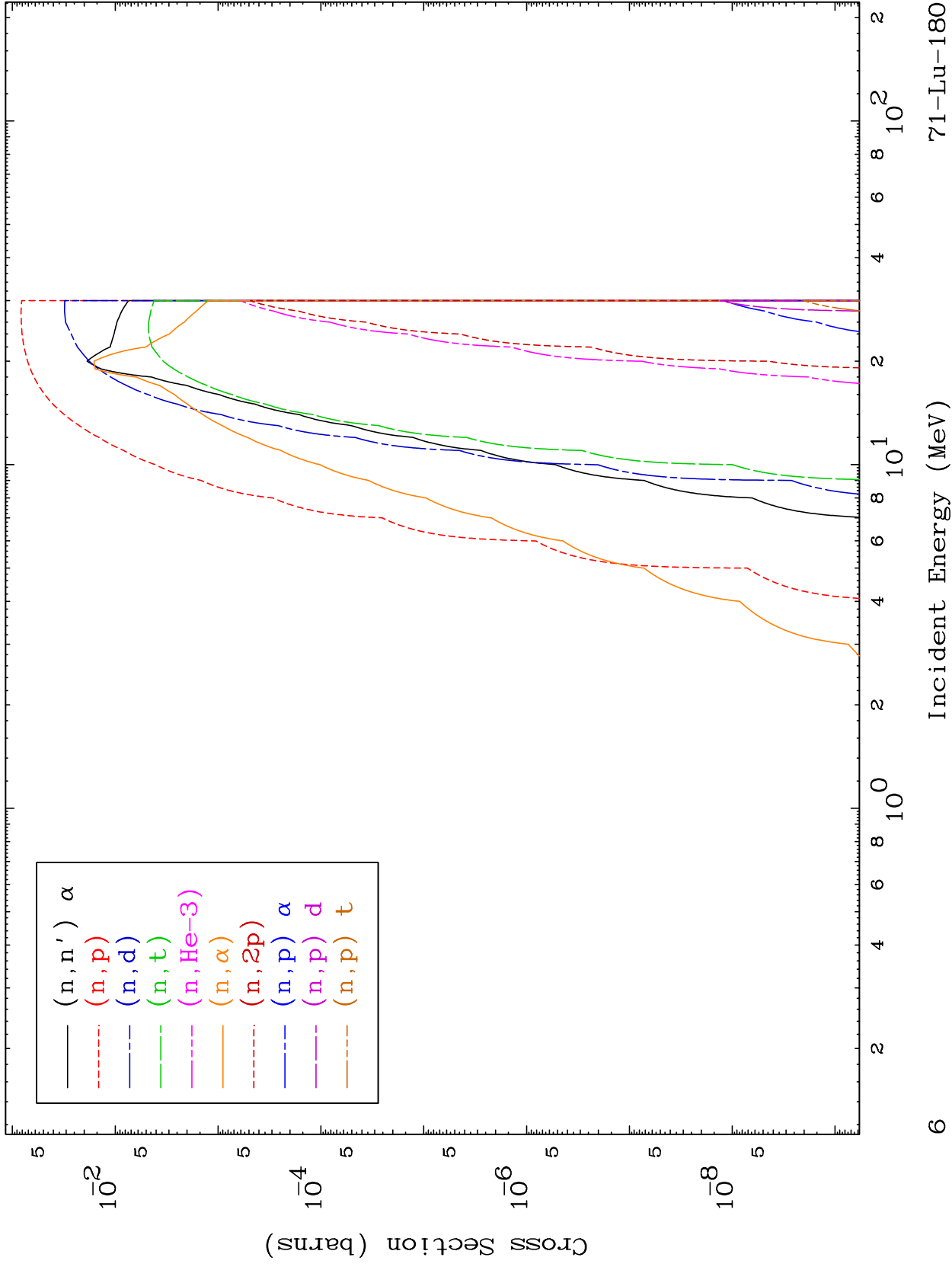


MAT 7140

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-180



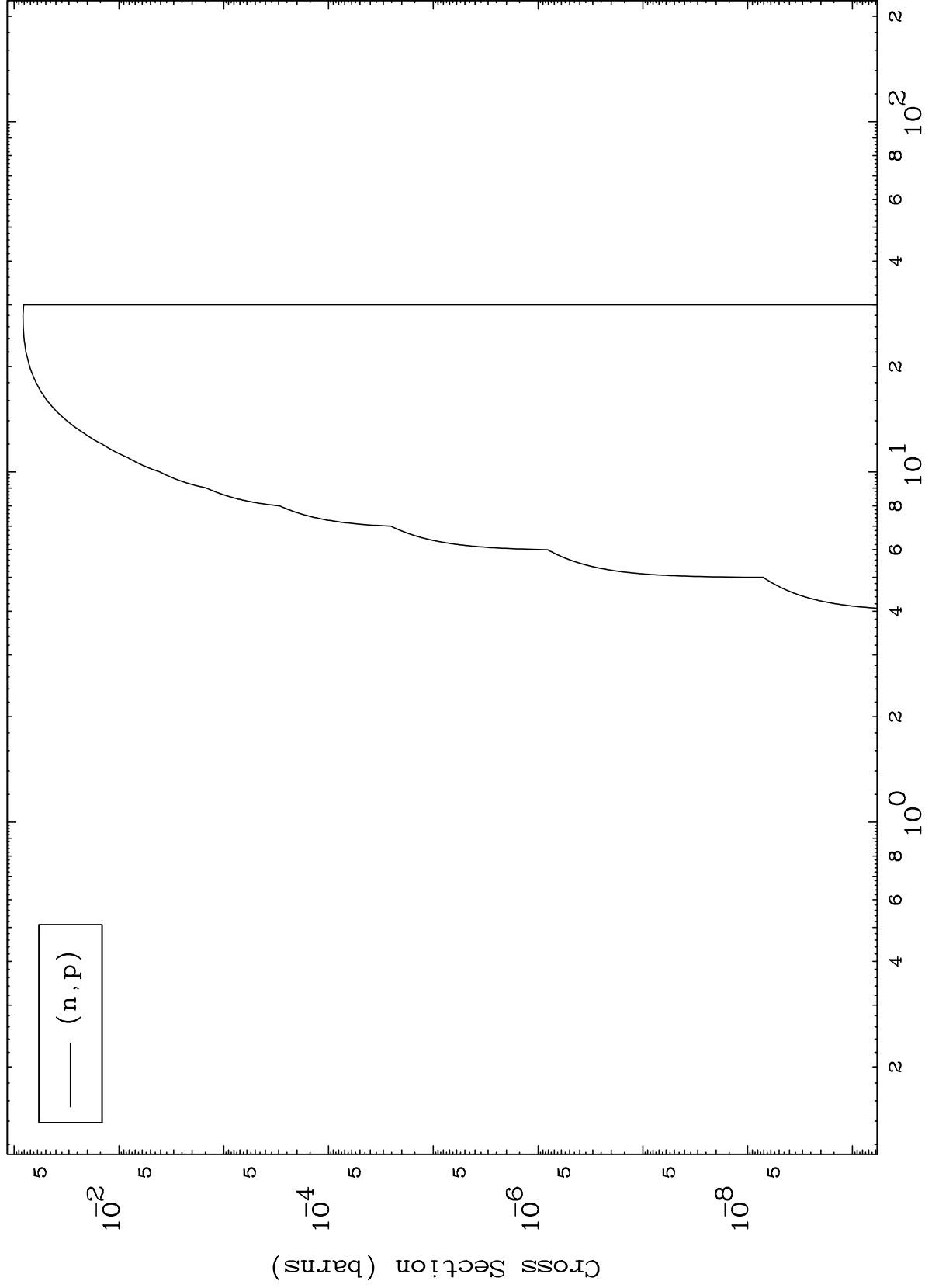


MAT 7140

(p,p) Levels

71-Lu-180

0 Kelvin Cross Sections



7

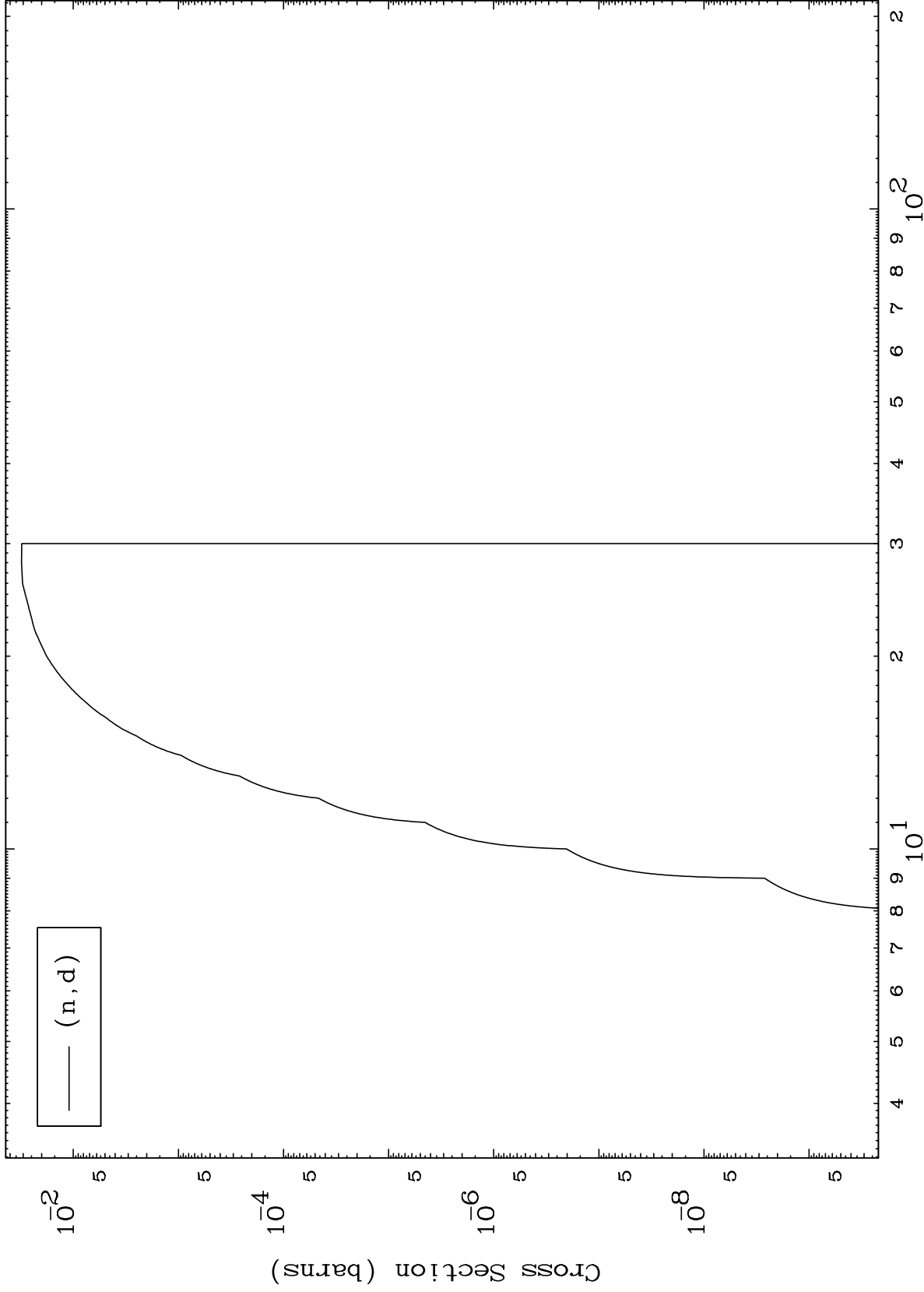
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-180



8

Incident Energy (MeV)

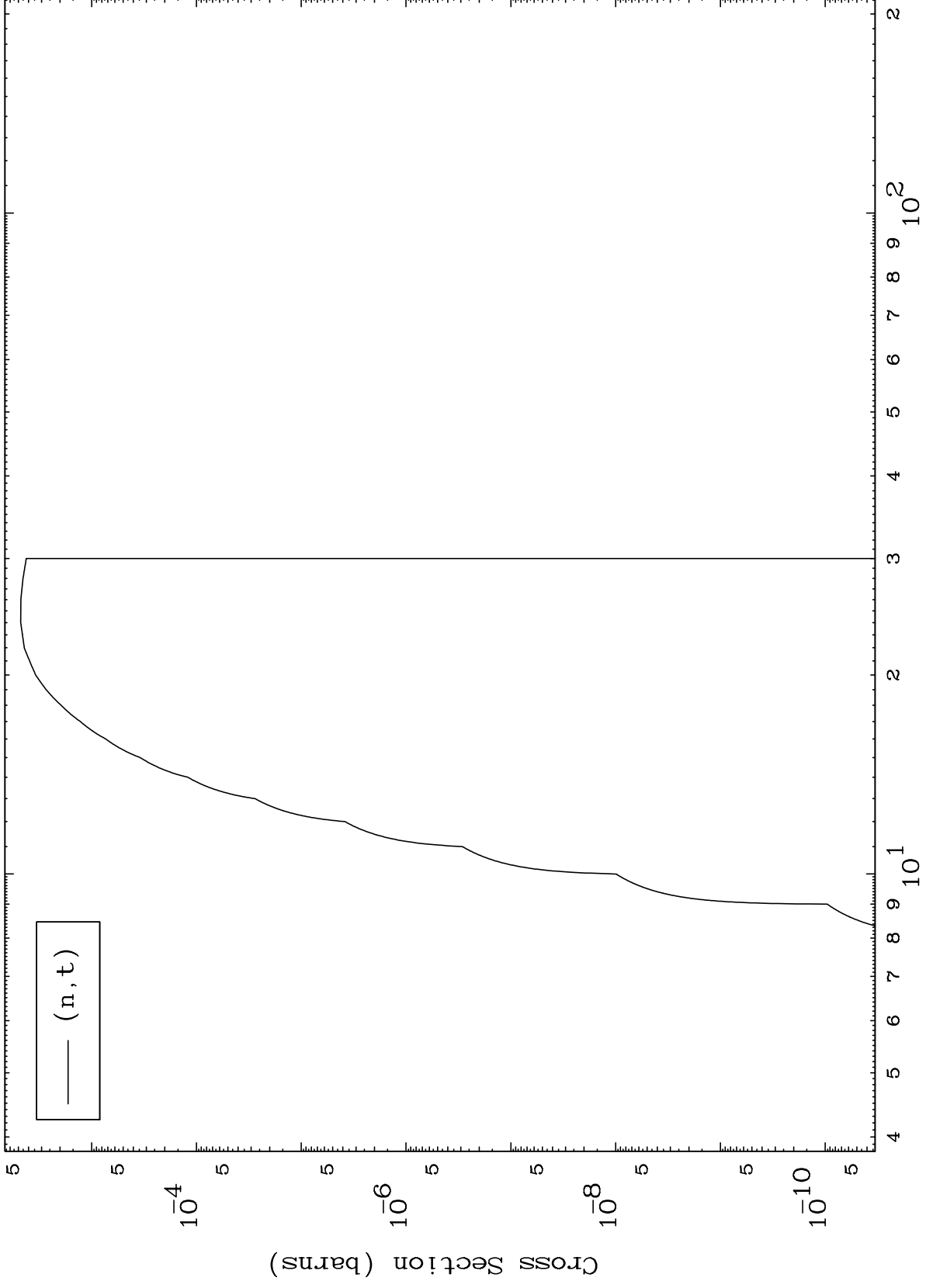
71-Lu-180

MAT 7140

(p, t) Levels

⁷¹Lu-180

0 Kelvin Cross Sections



9

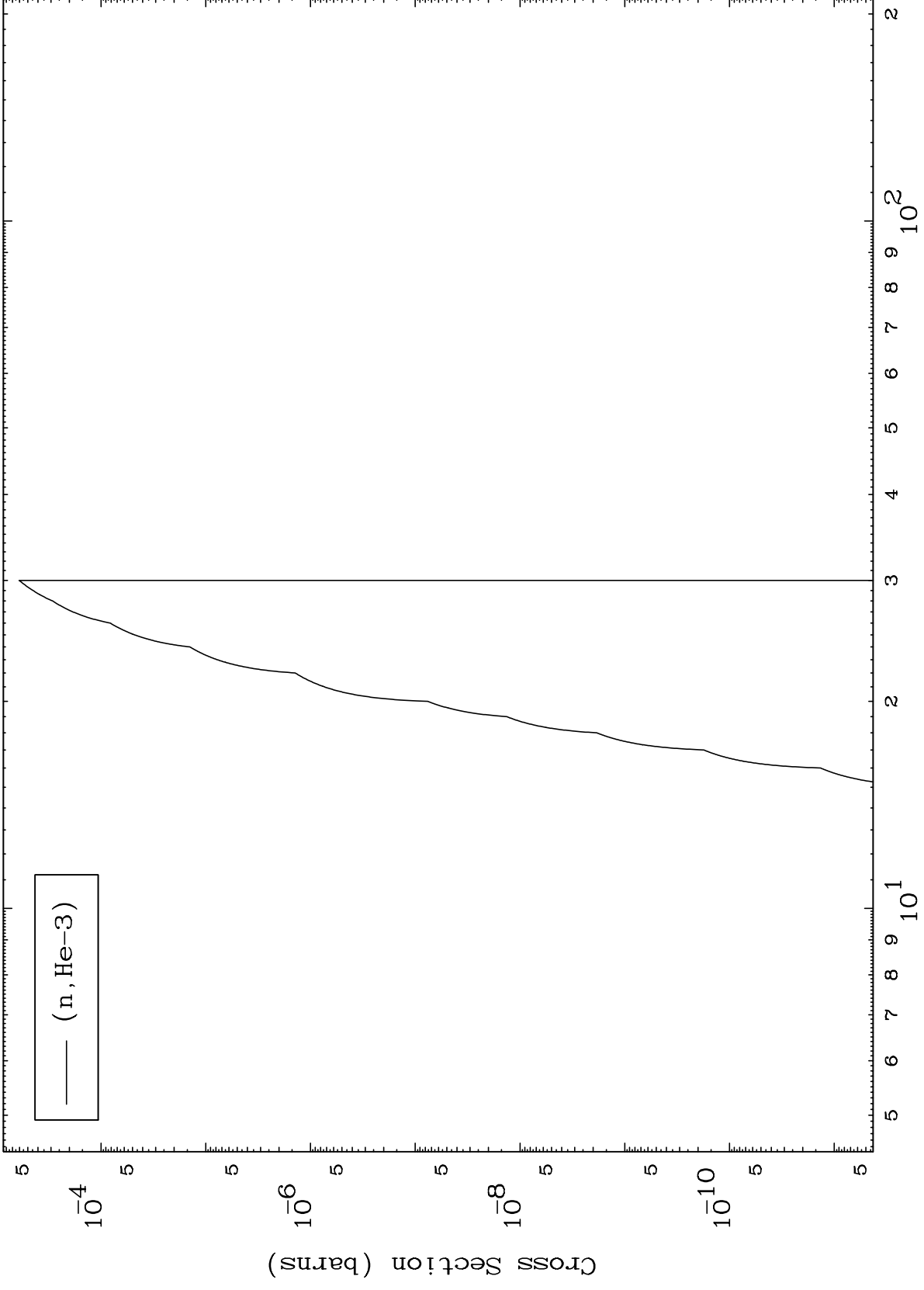
Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-180



(n, He-3)

10

Incident Energy (MeV)

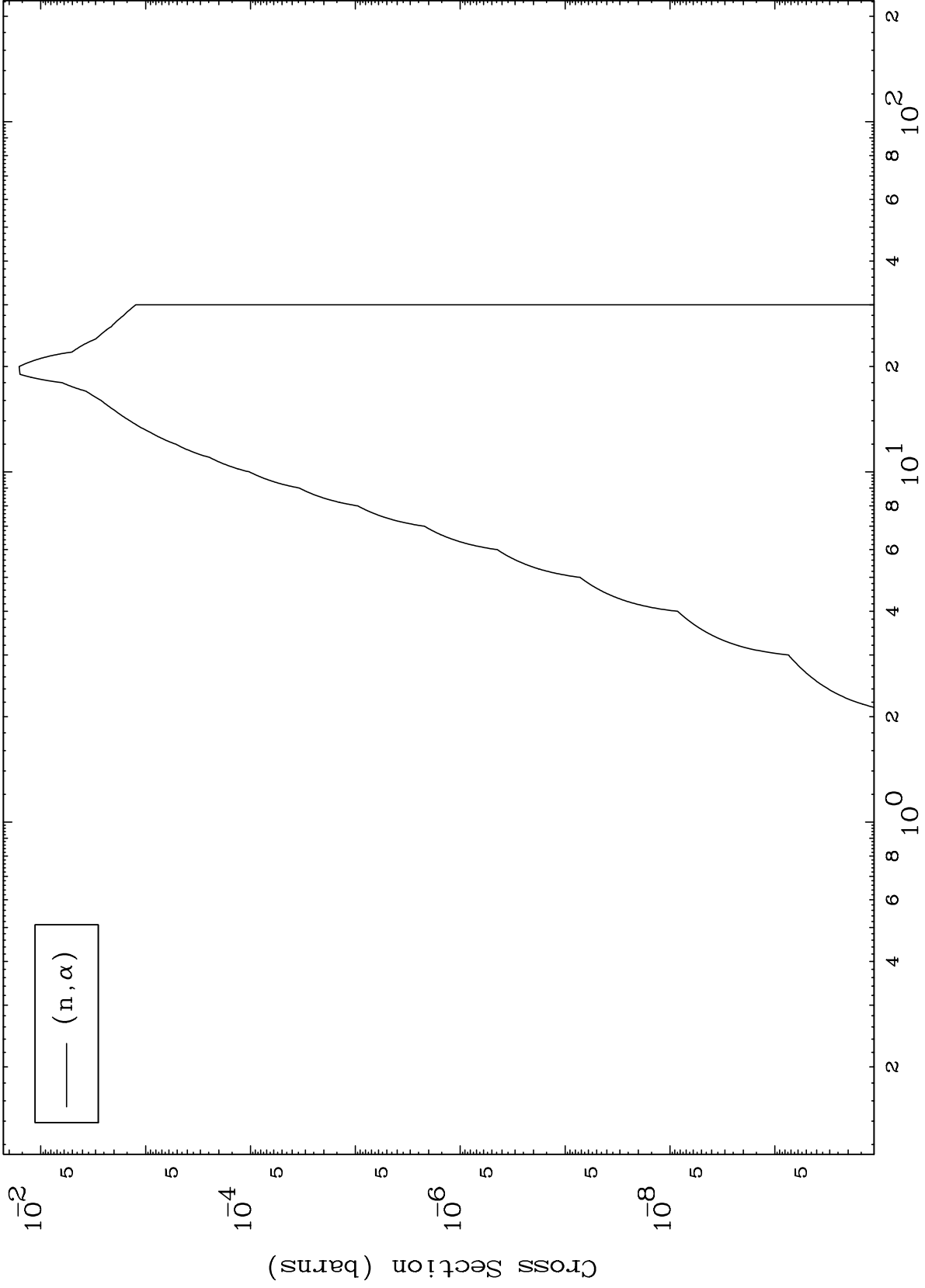
71-Lu-180

MAT 7140

(p, α) Levels

71-Lu-180

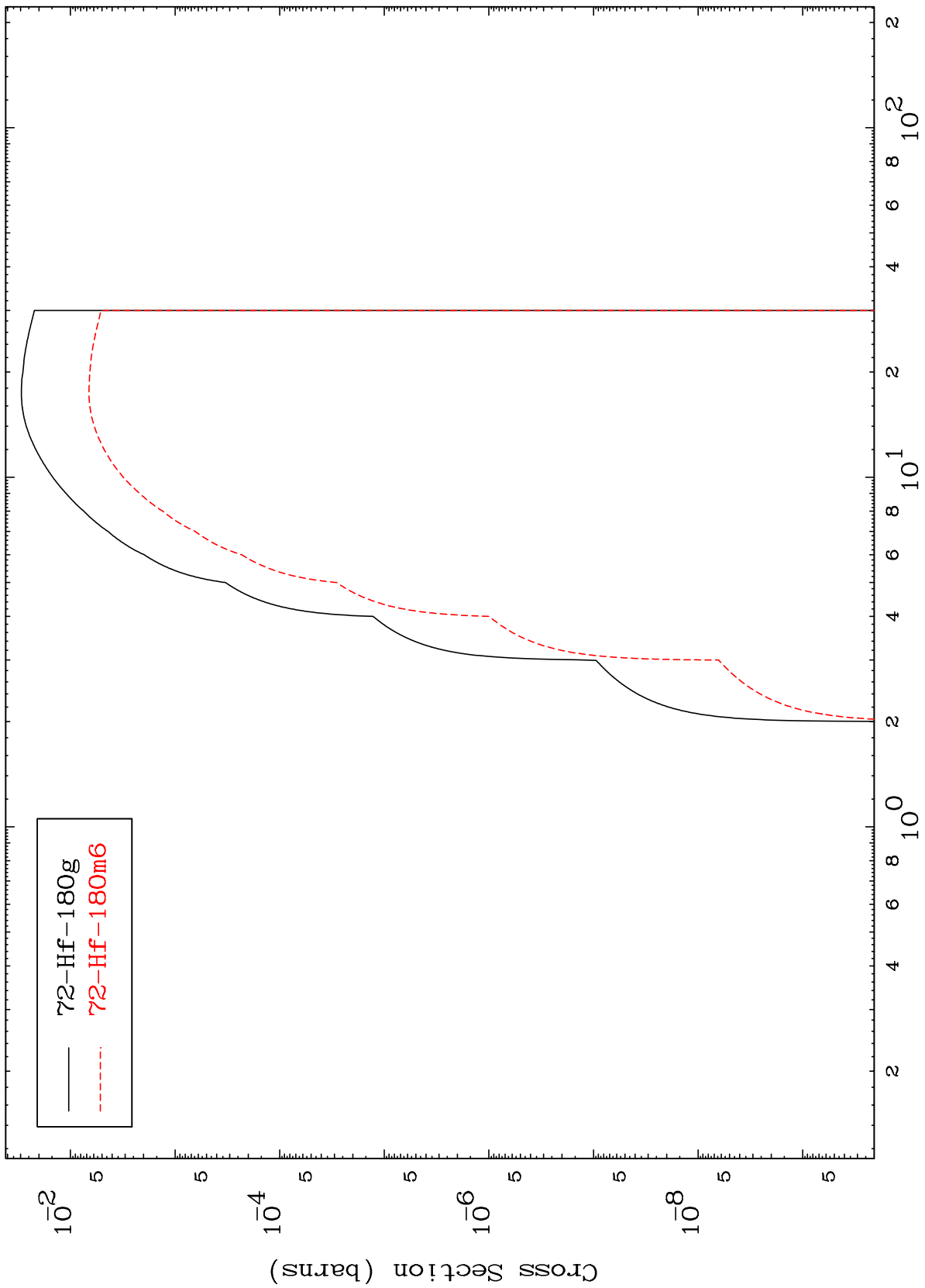
0 Kelvin Cross Sections



MAT 7140

71-Lu-180

Inelastic
Radionuclide Production Cross Section



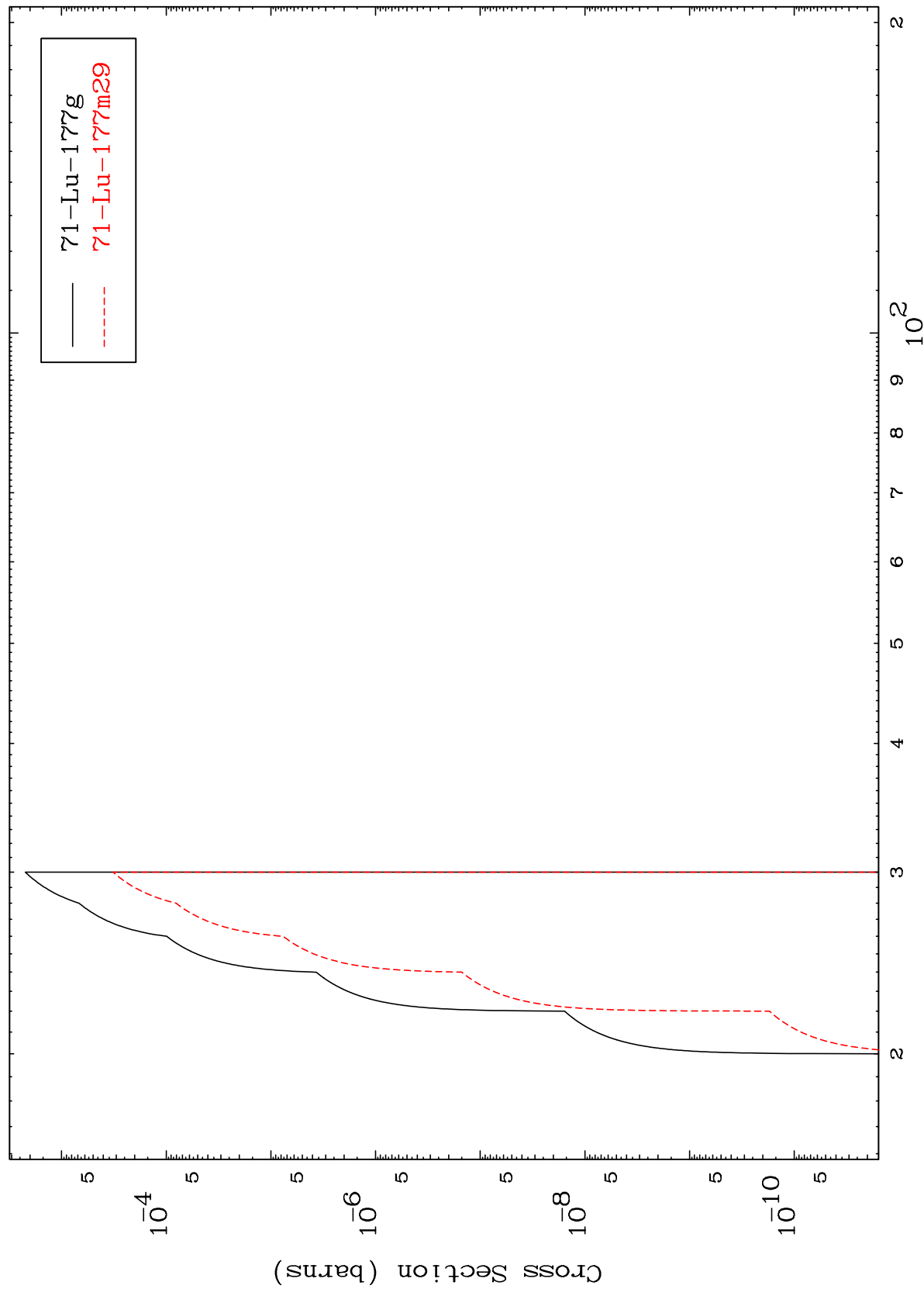
— $^{180}\text{Hf-g}$
- - - $^{180}\text{Hf-m6}$

12

Incident Energy (MeV)

71-Lu-180

Radionuclide Production Cross Section

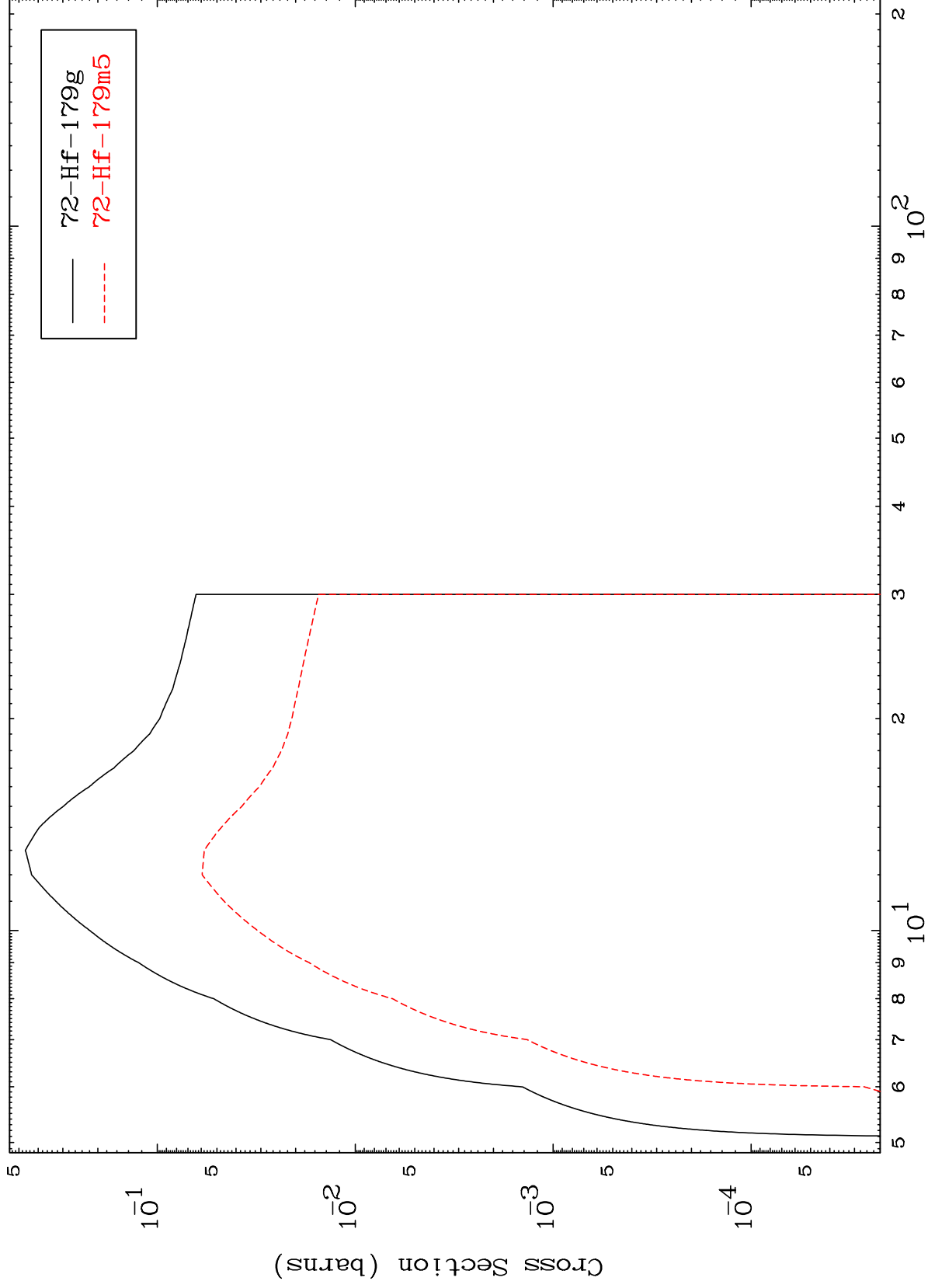


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(n,2n)

71-Lu-180

Radionuclide Production Cross Section



14

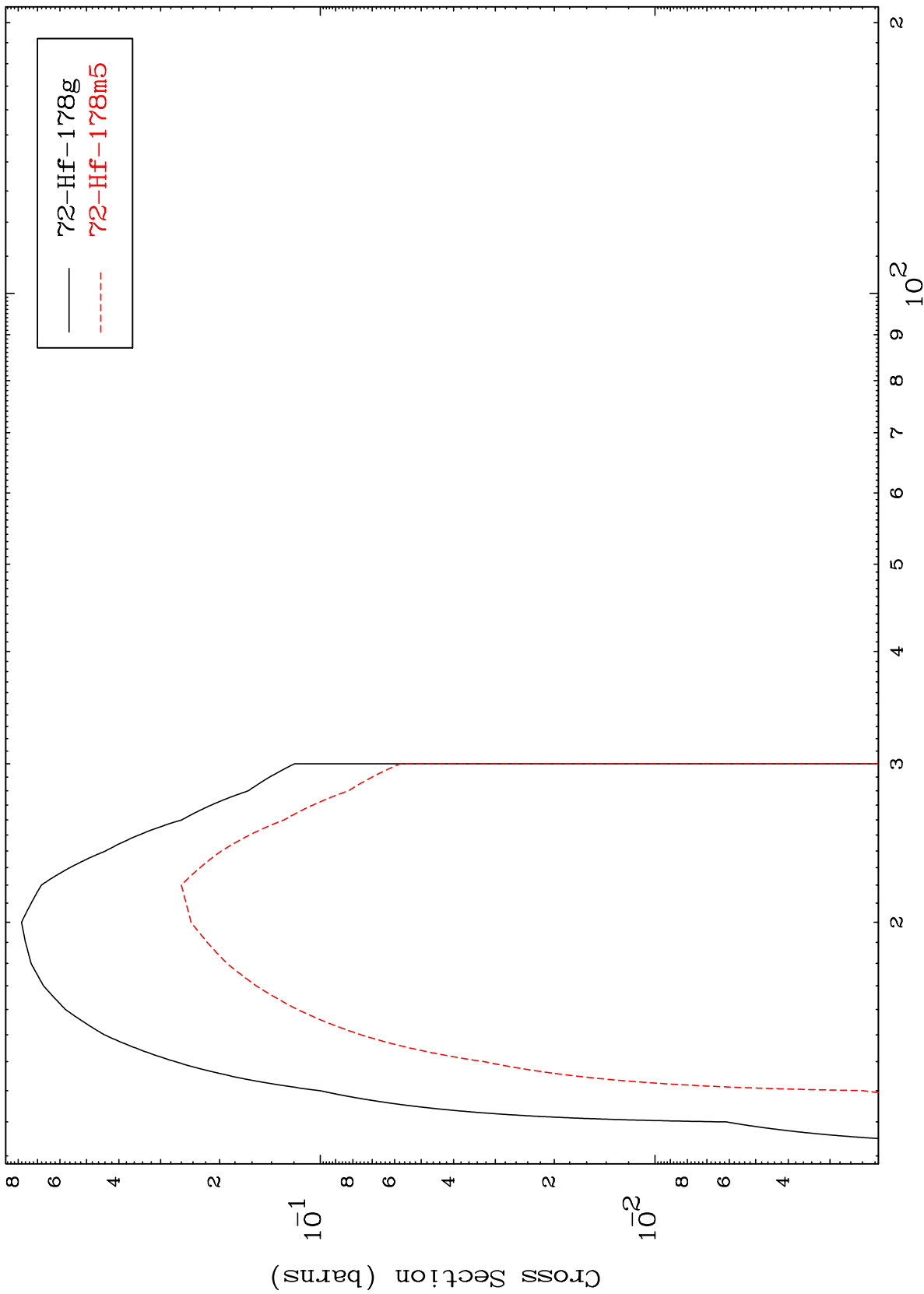
Incident Energy (MeV)

71-Lu-180

MAT 7140

71-Lu-180

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

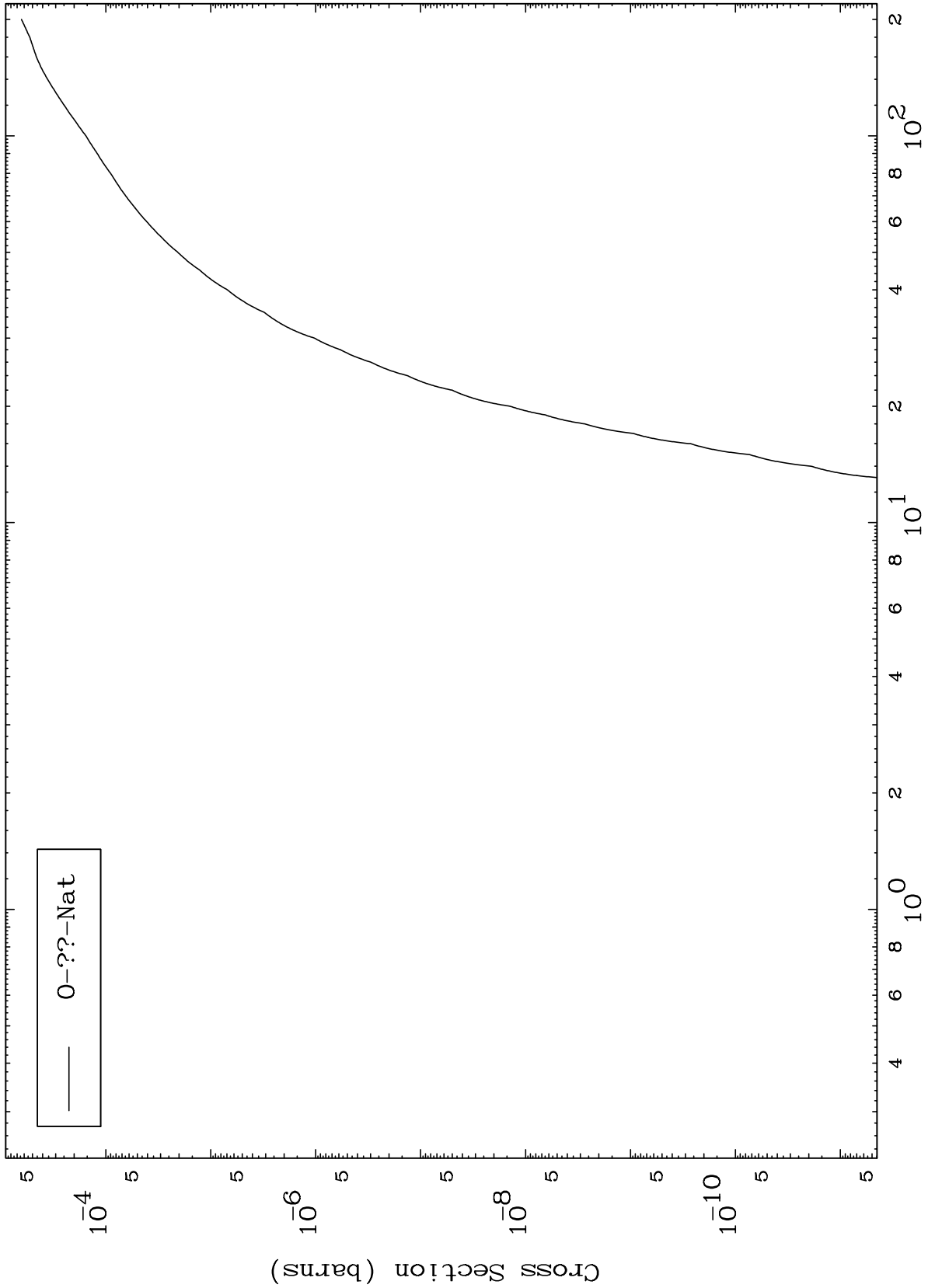
71-Lu-180

MAT 7140

Fission

⁷¹Lu-180

Radionuclide Production Cross Section

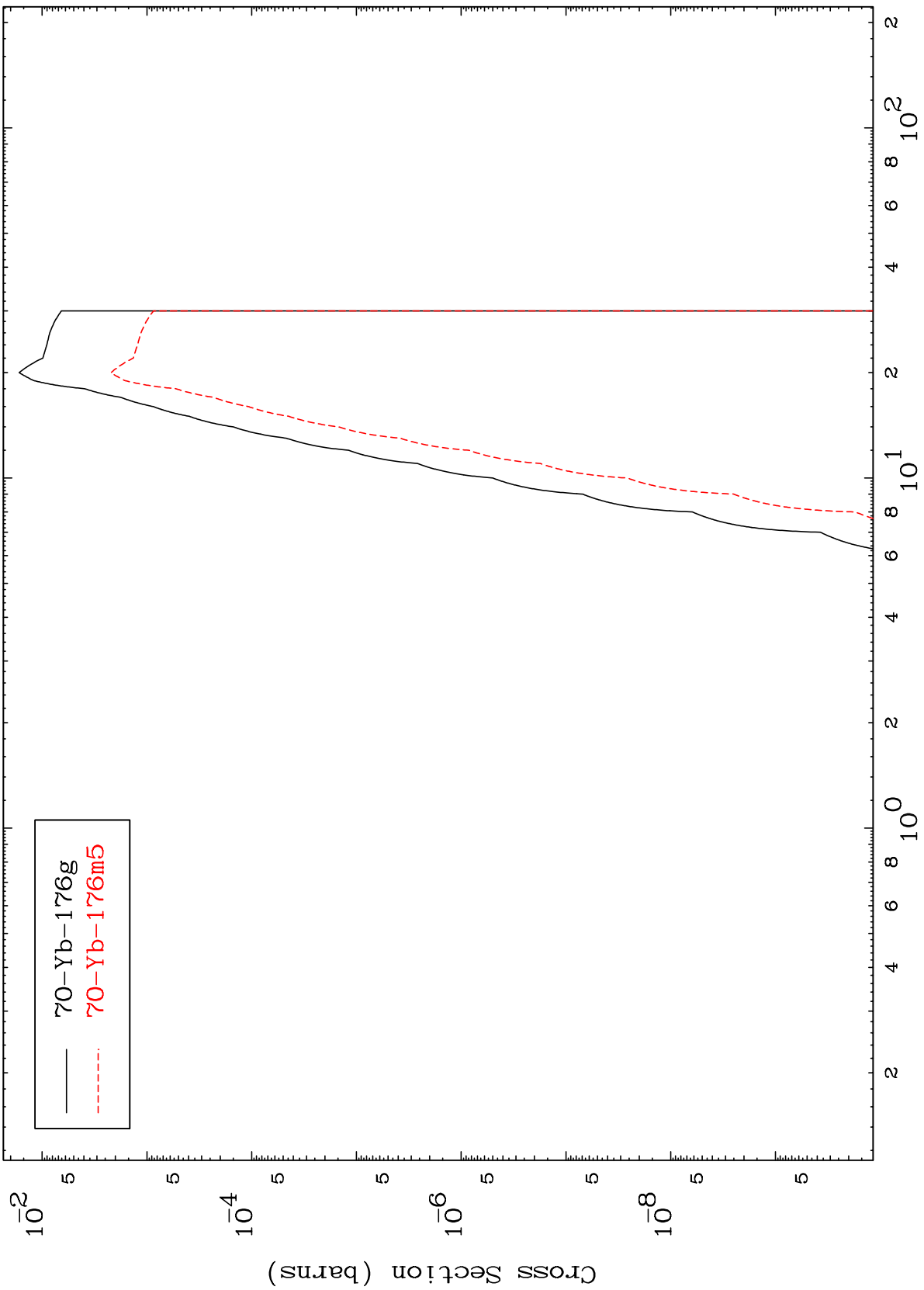


MAT 7140

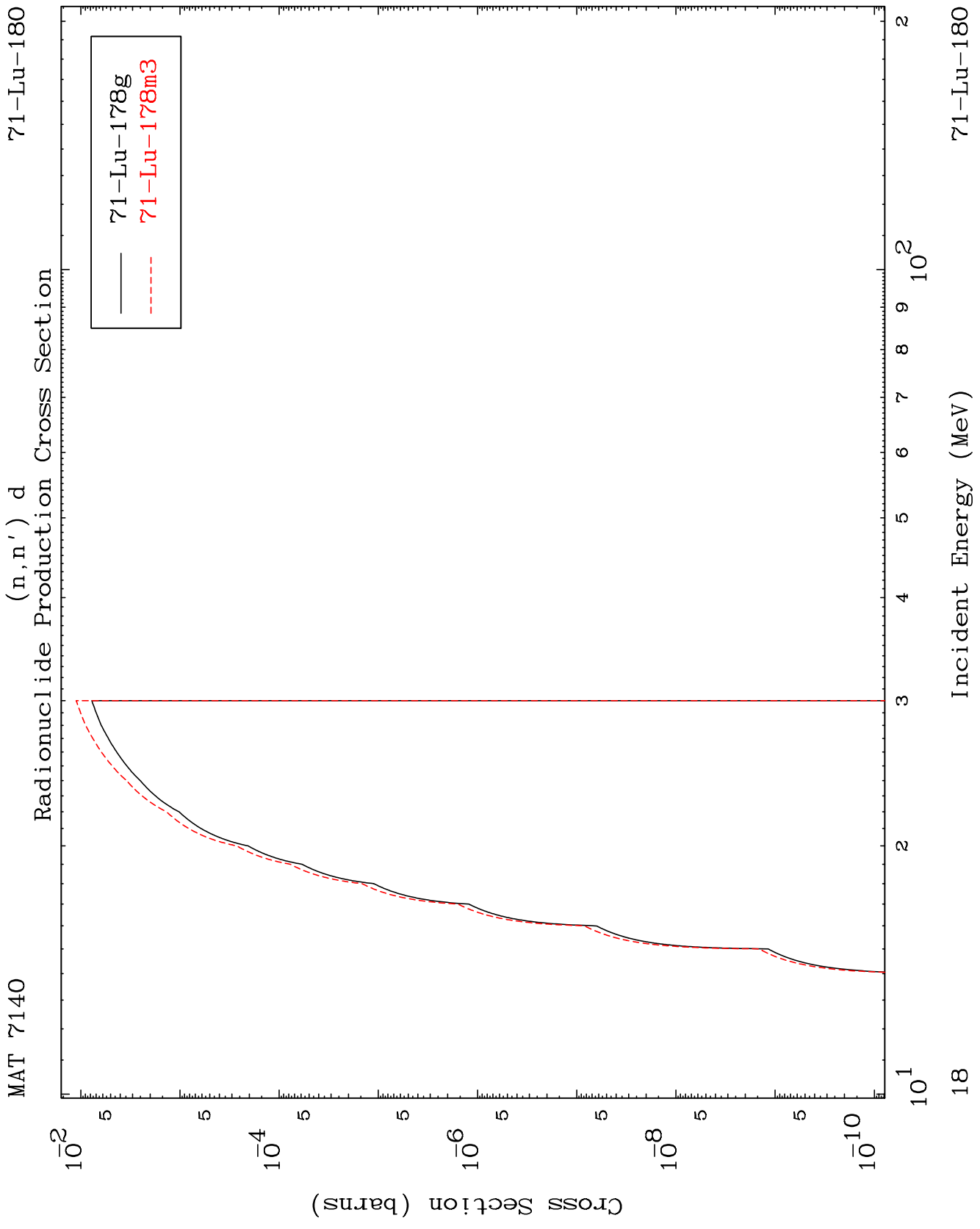
$(n, n') \alpha$

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section



— $^{70}\text{Yb-176g}$
- - - $^{70}\text{Yb-176m5}$

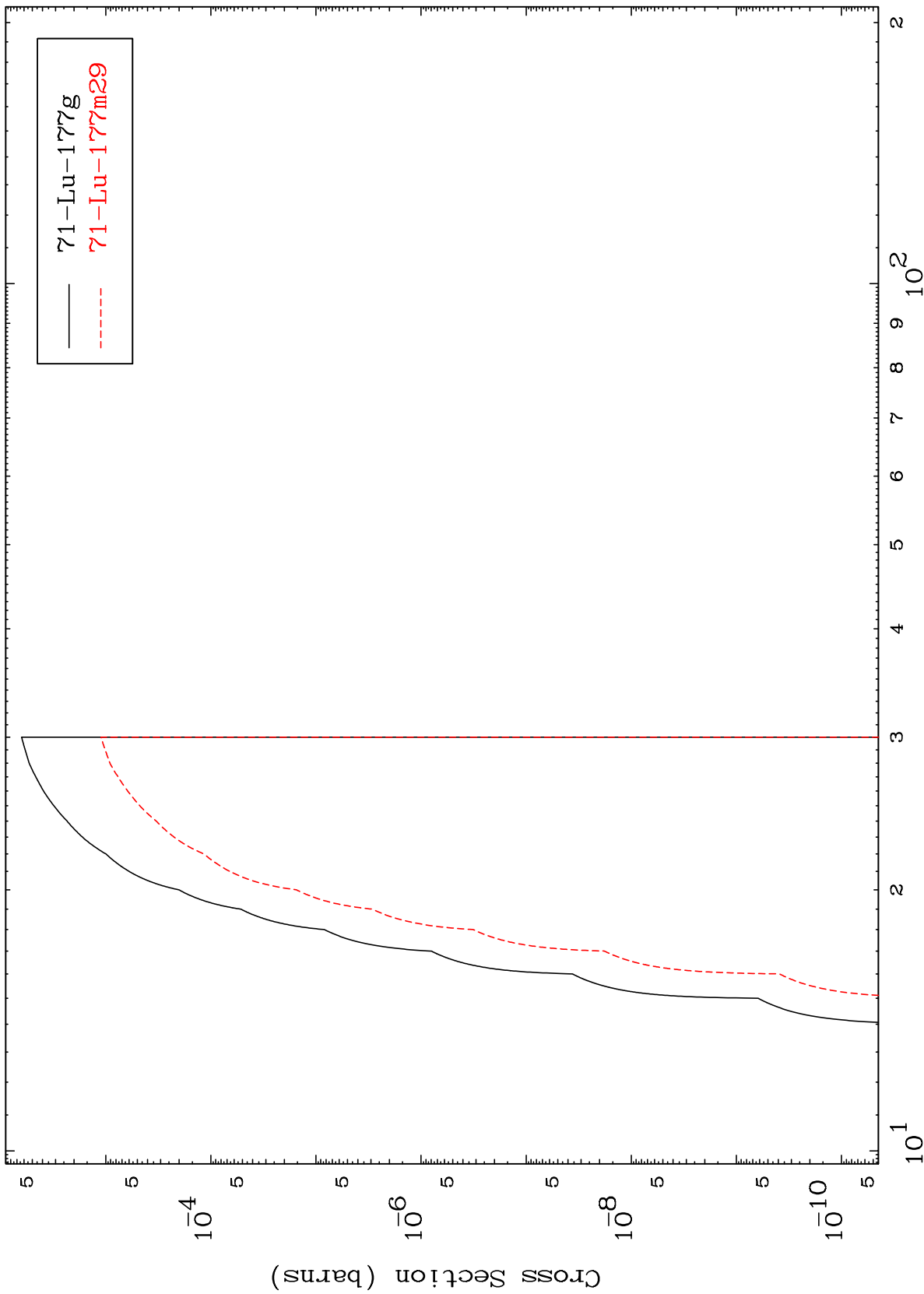


MAT 7140

(n,n') t

71-Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

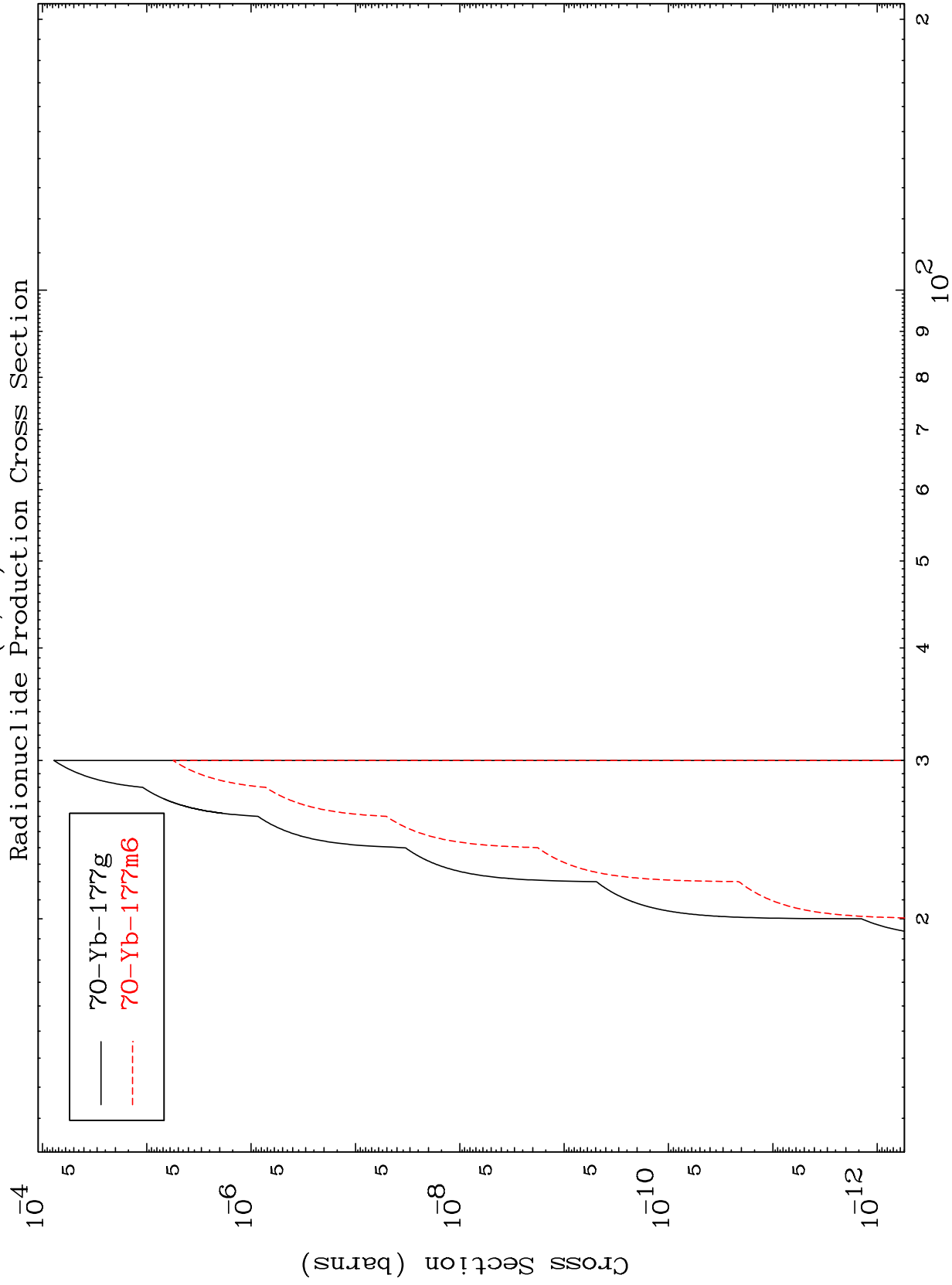
71-Lu-180

MAT 7140

(n,n') He-3

71-Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

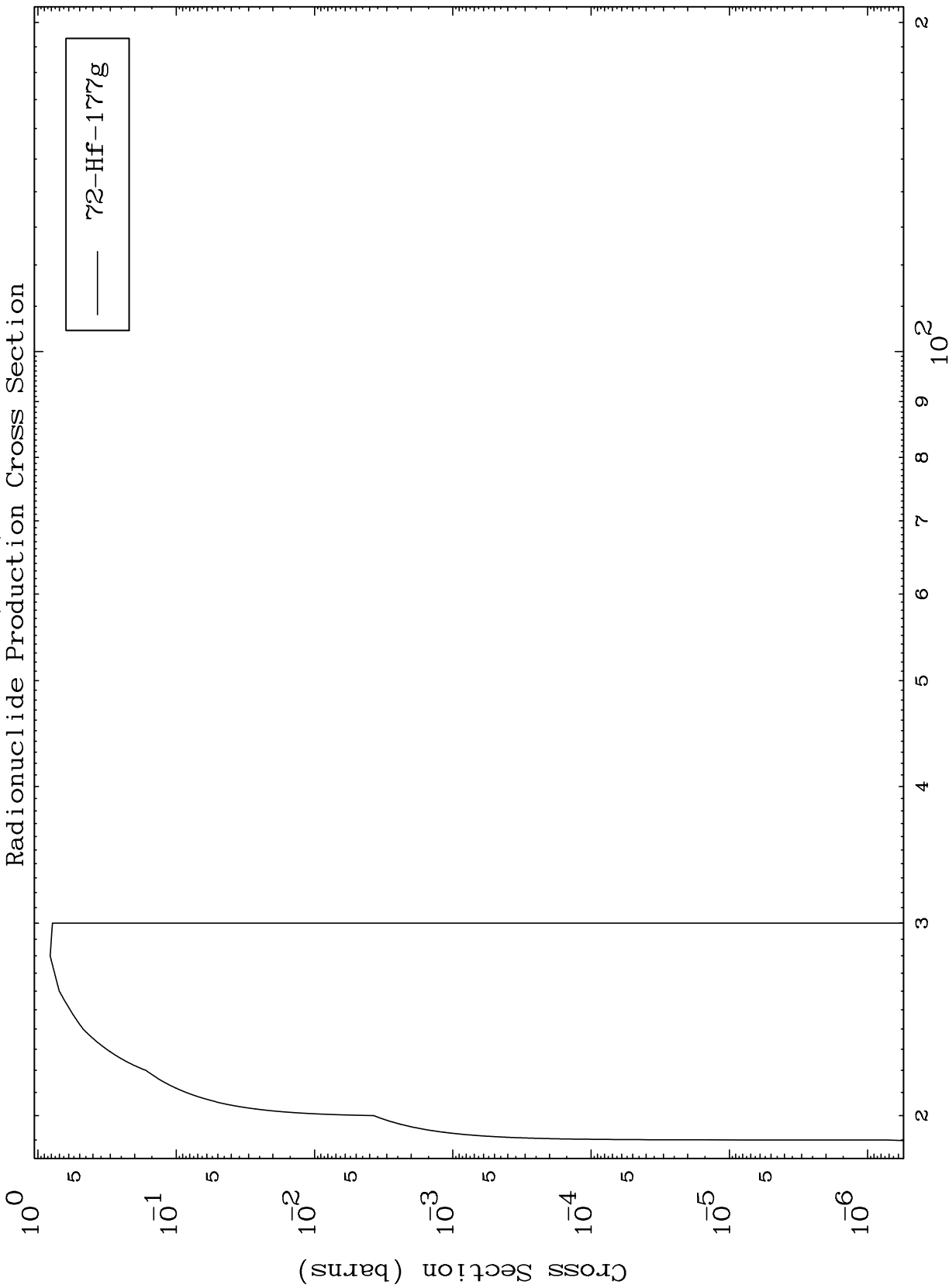
71-Lu-180

20

MAT 7140

71-Lu-180

(n,4n)
Radionuclide Production Cross Section



21

71-Lu-180

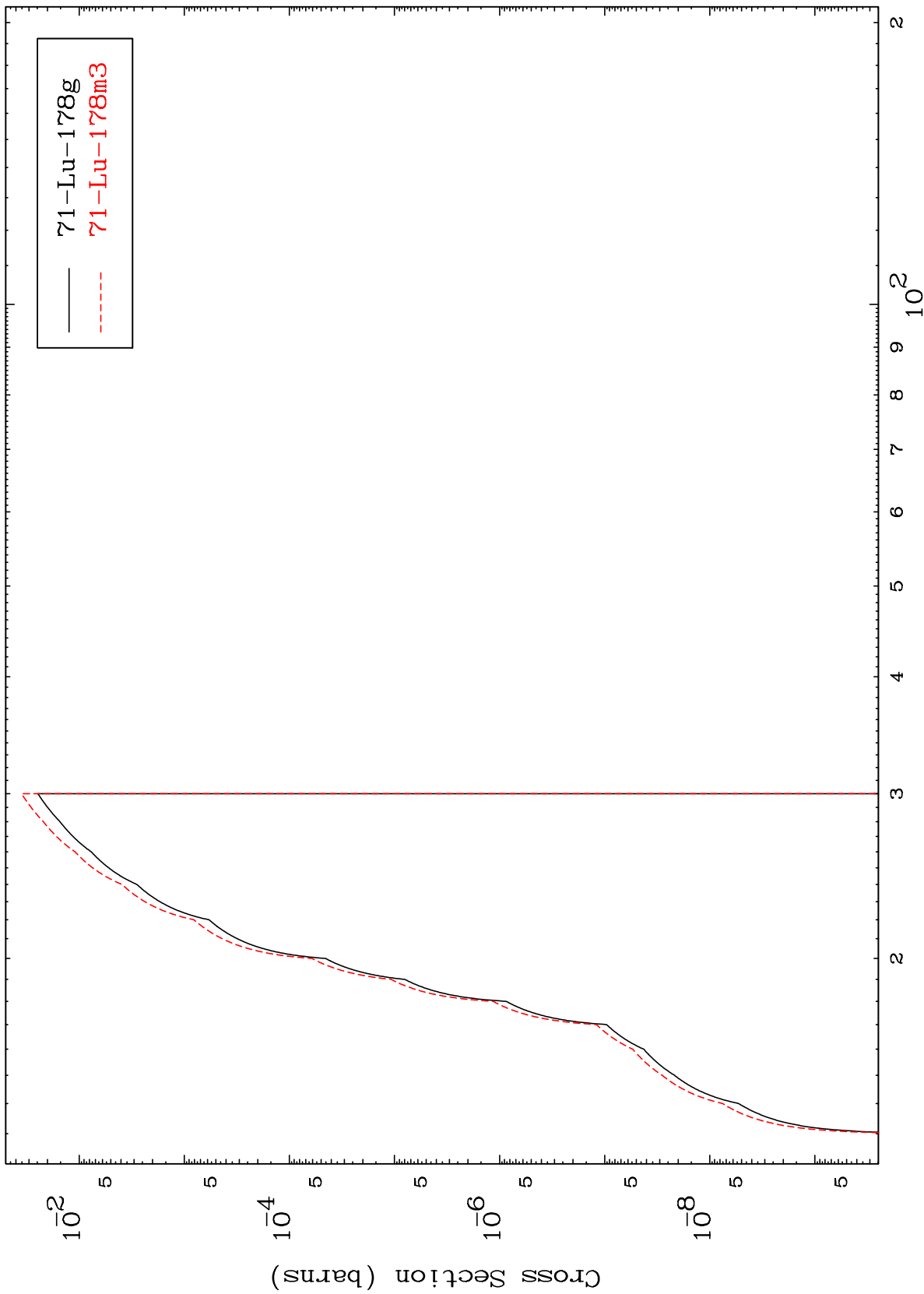
Incident Energy (MeV)

MAT 7140

(n,2n) p

71-Lu-180

Radionuclide Production Cross Section

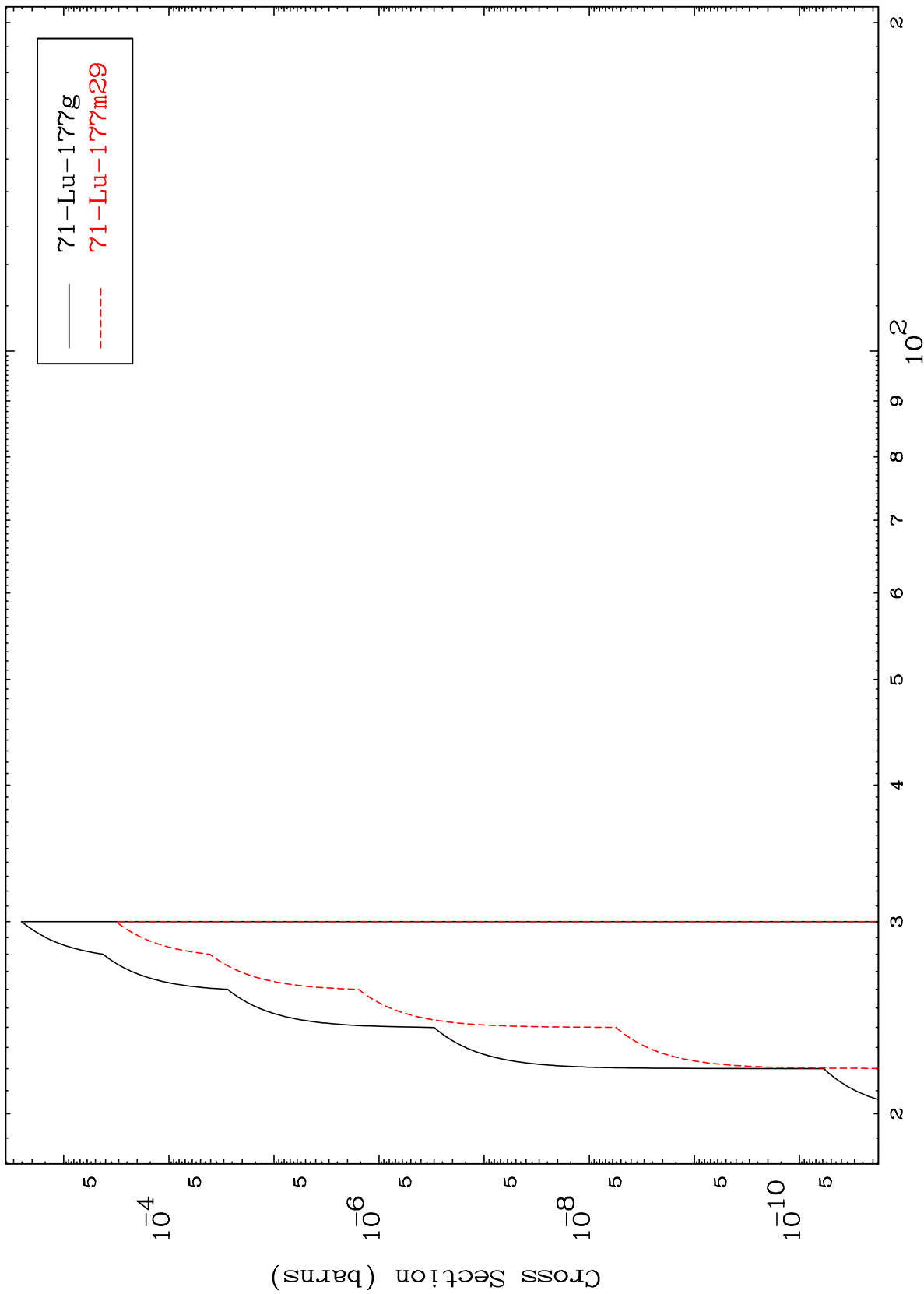


MAT 7140

(n,3n) p

71-Lu-180

Radionuclide Production Cross Section



23

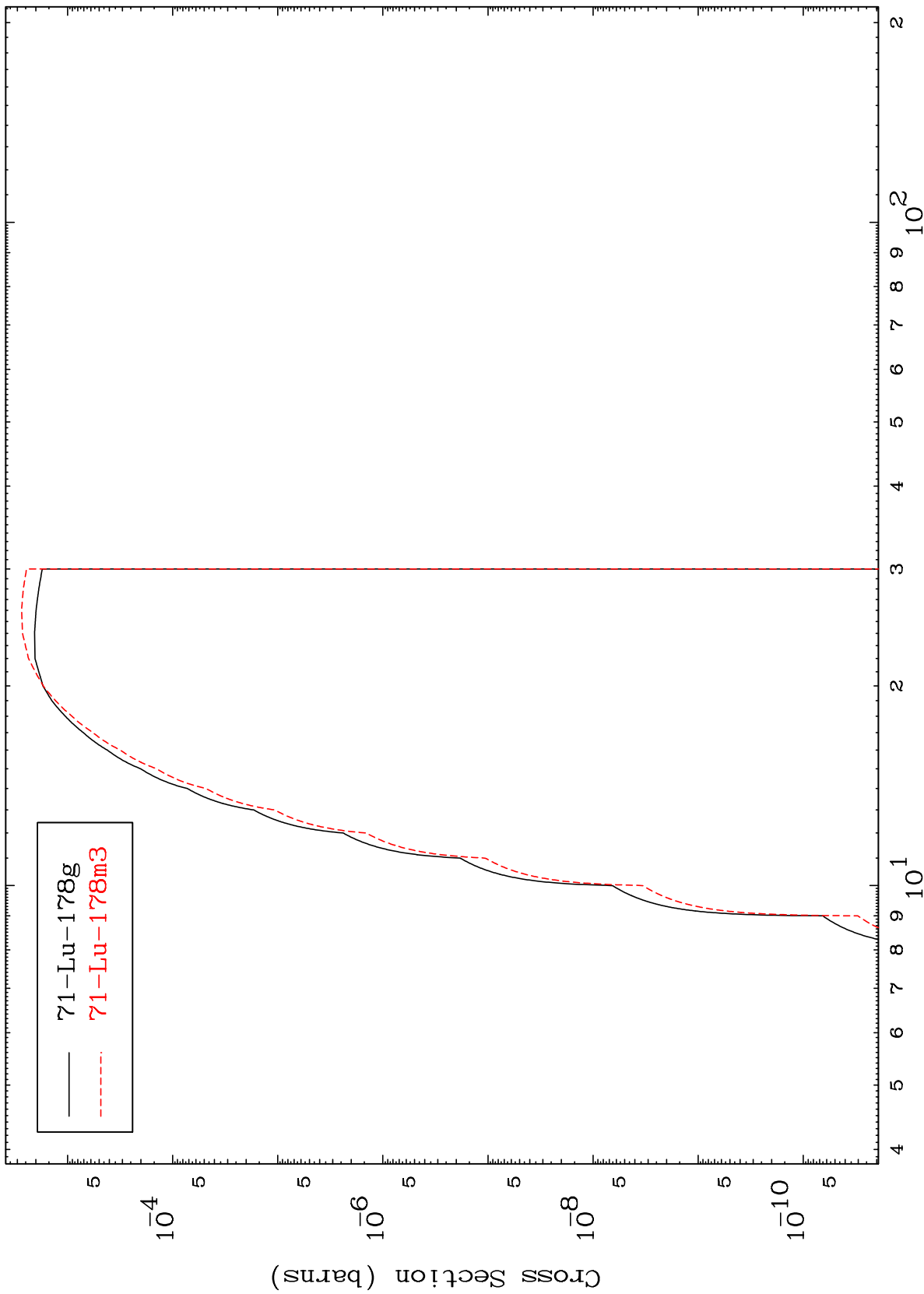
Incident Energy (MeV)

71-Lu-180

MAT 7140

71-Lu-180

(n, t)
Radionuclide Production Cross Section



71-Lu-180

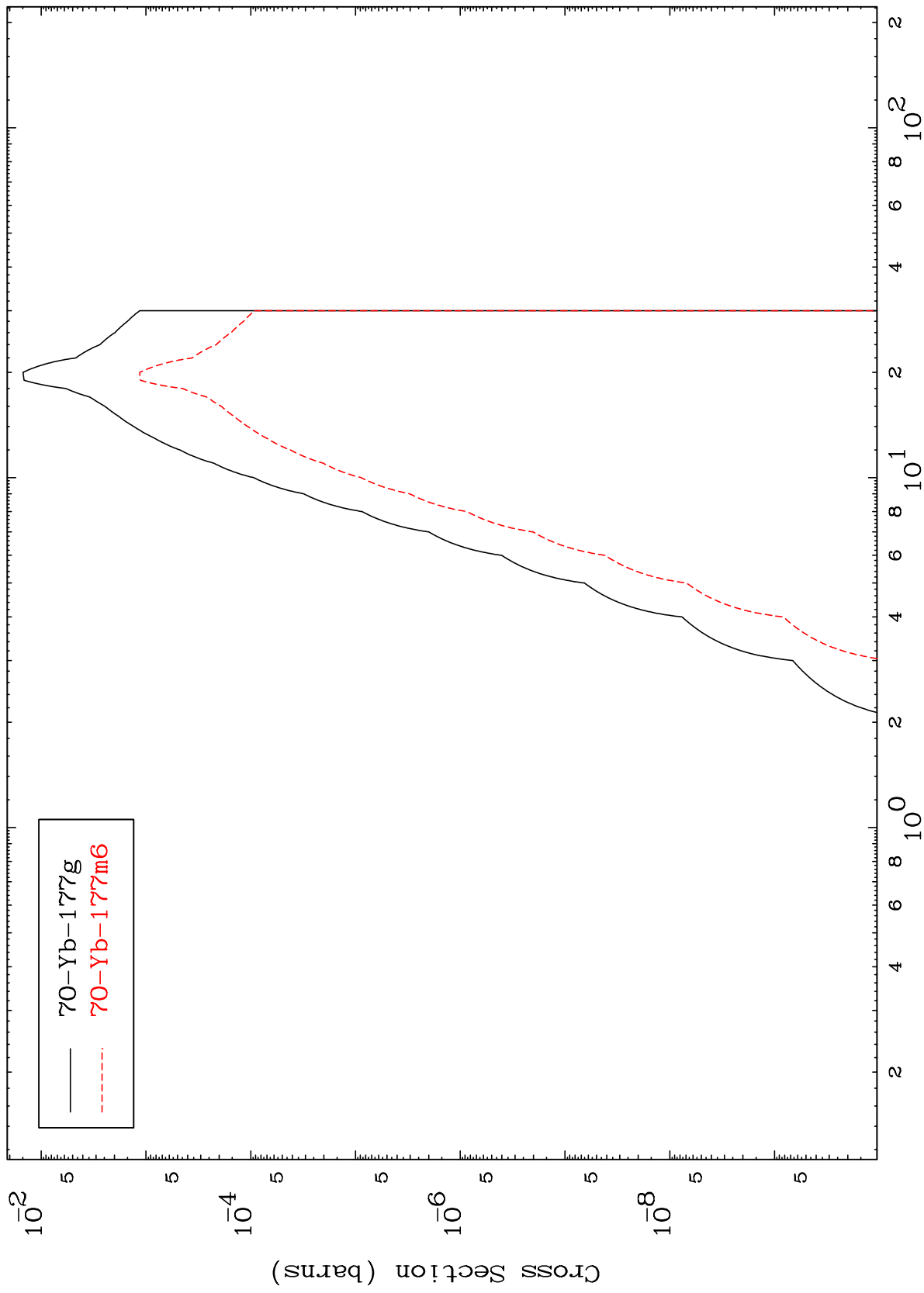
Incident Energy (MeV)

24

MAT 7140

71-Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-180

25

Radionuclide Production Cross Section

