

Program EVALPLOT
(Version 2018-1)

by

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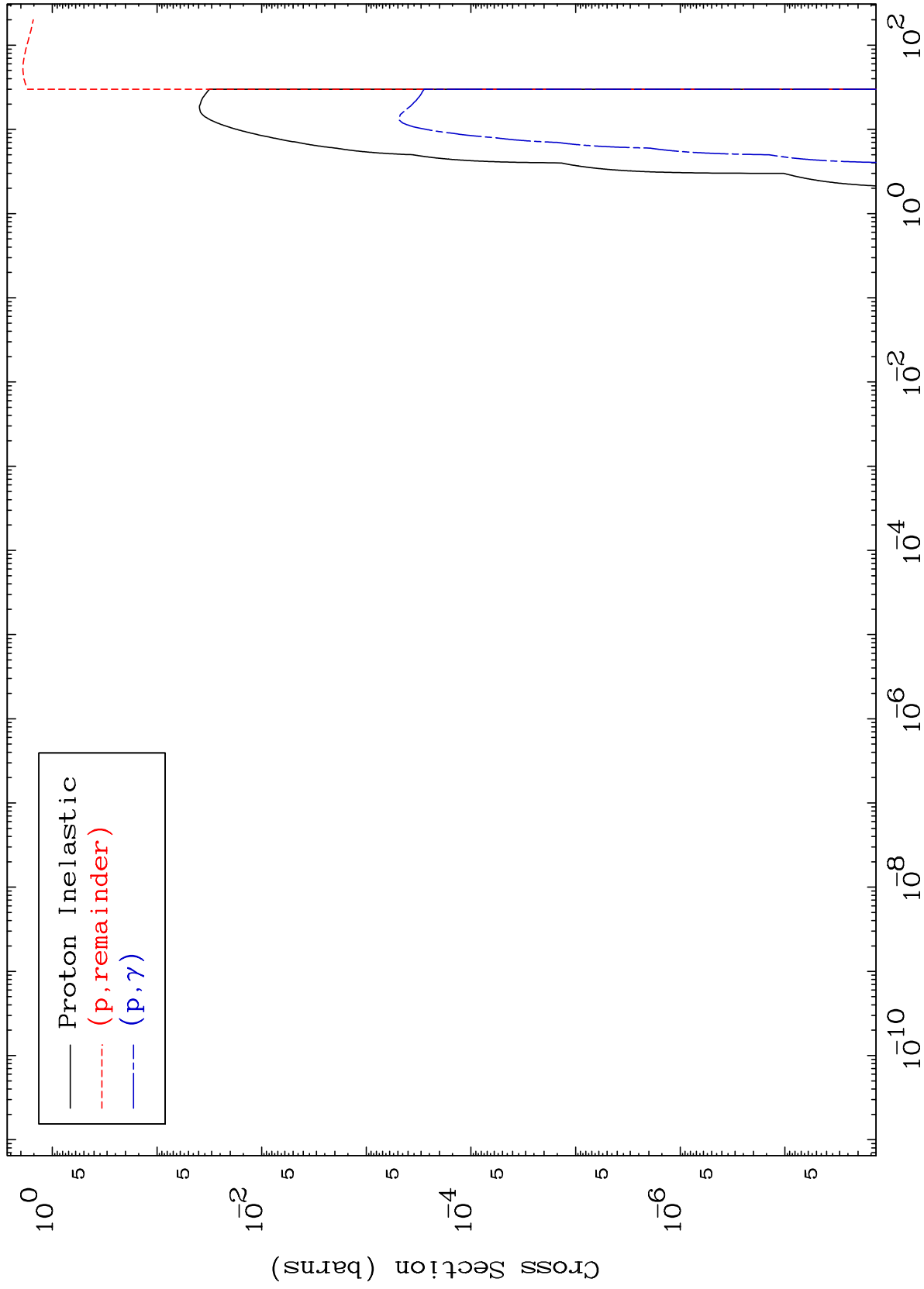
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7140

Proton Major
0 Kelvin Cross Sections

71-Lu-180



1

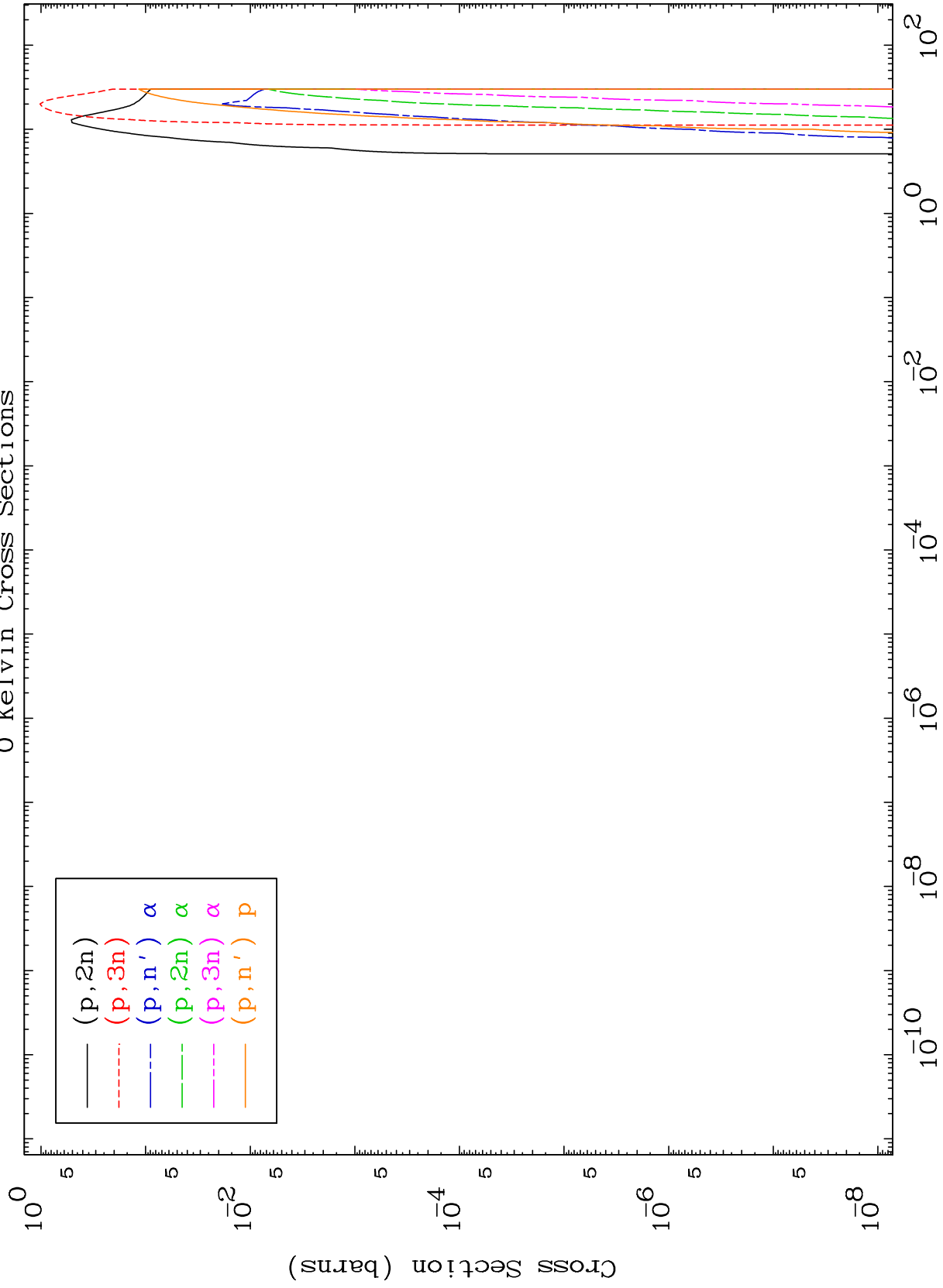
Incident Energy (MeV)

71-Lu-180

MAT 7140

Proton Neutron Production
0 Kelvin Cross Sections

71-Lu-180



2

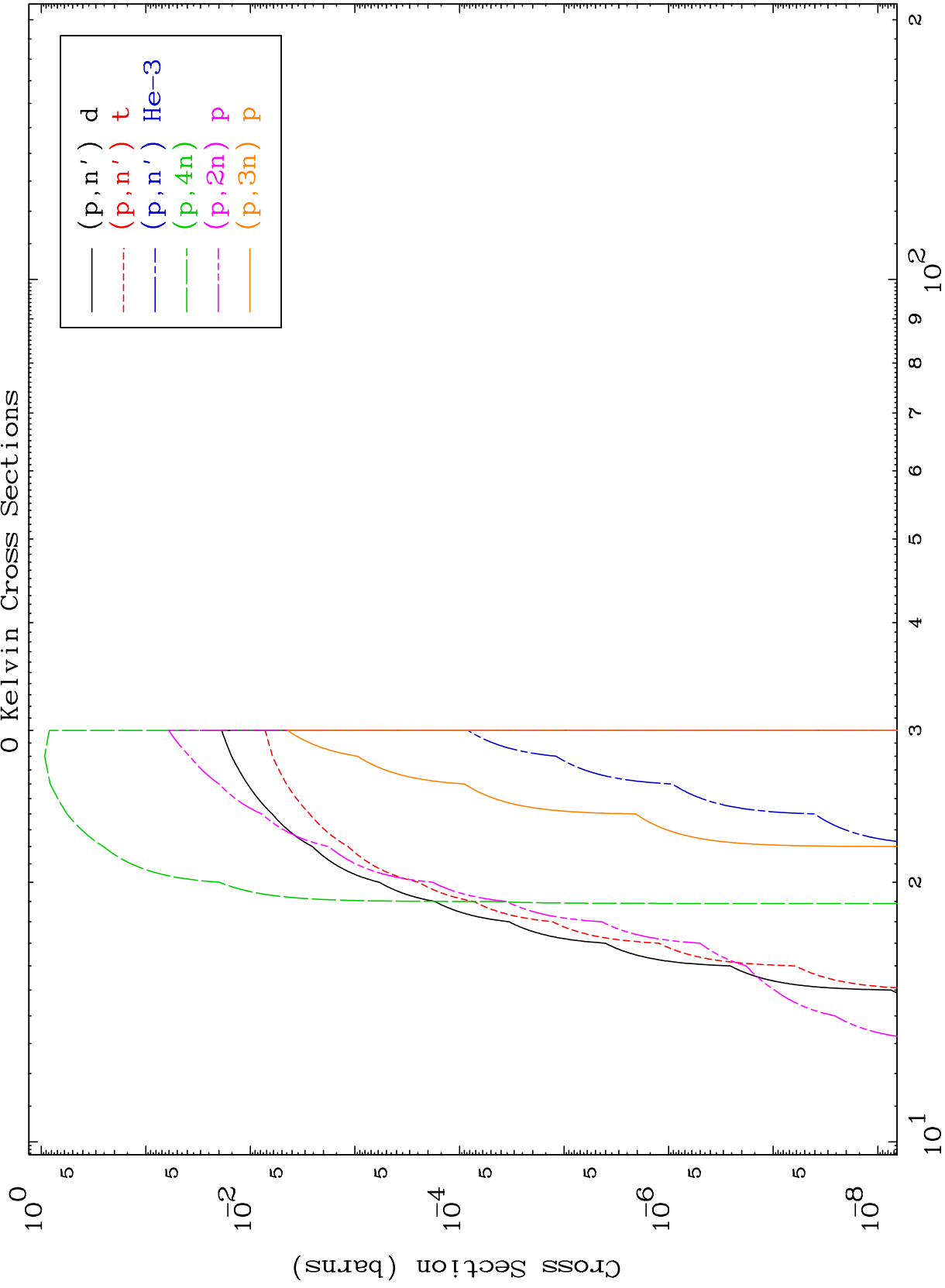
Incident Energy (MeV)

71-Lu-180

MAT 7140

Proton Neutron Production
0 Kelvin Cross Sections

71-Lu-180



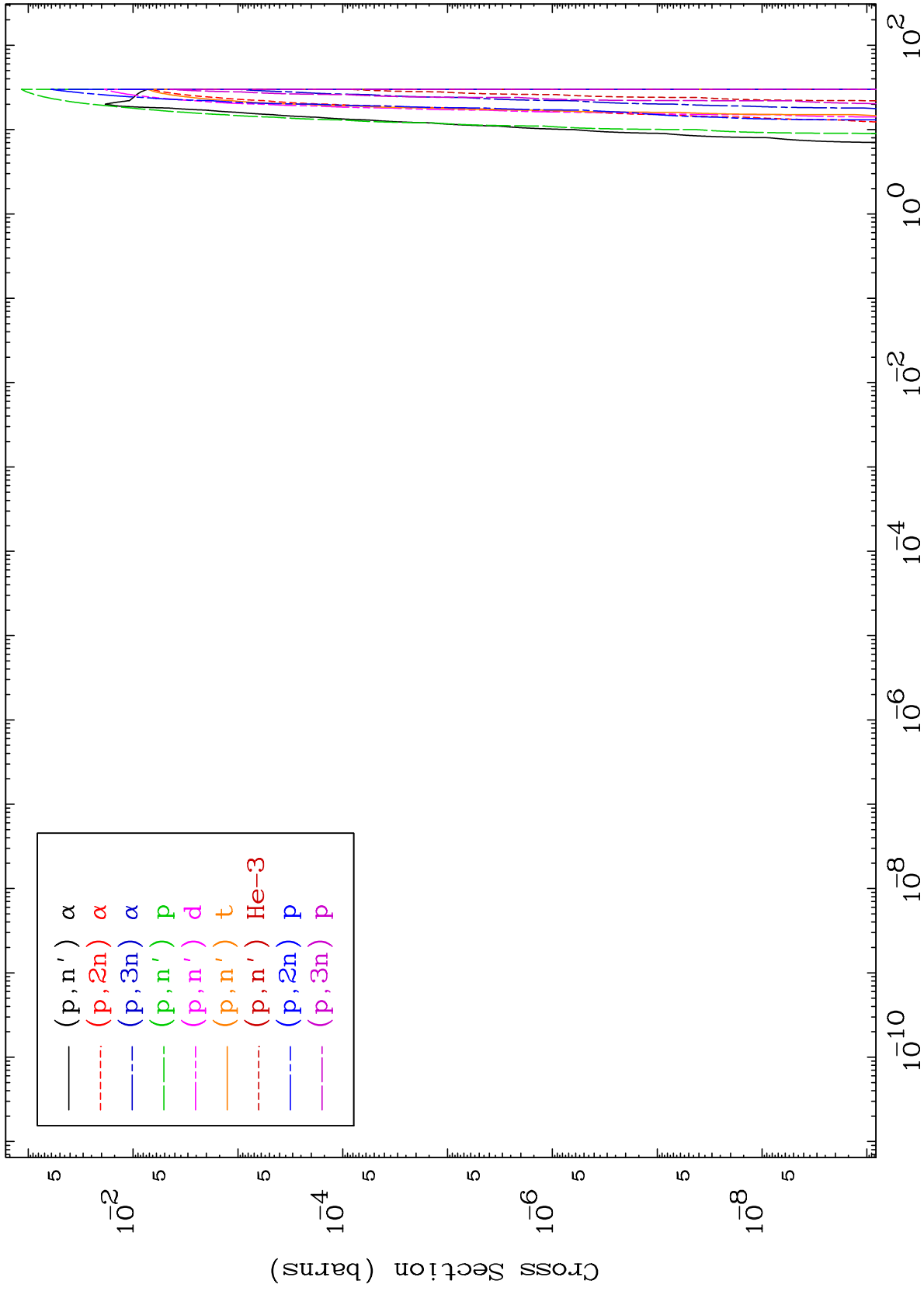
Incident Energy (MeV)

71-Lu-180

MAT 7140

Proton Charged Particle
0 Kelvin Cross Sections

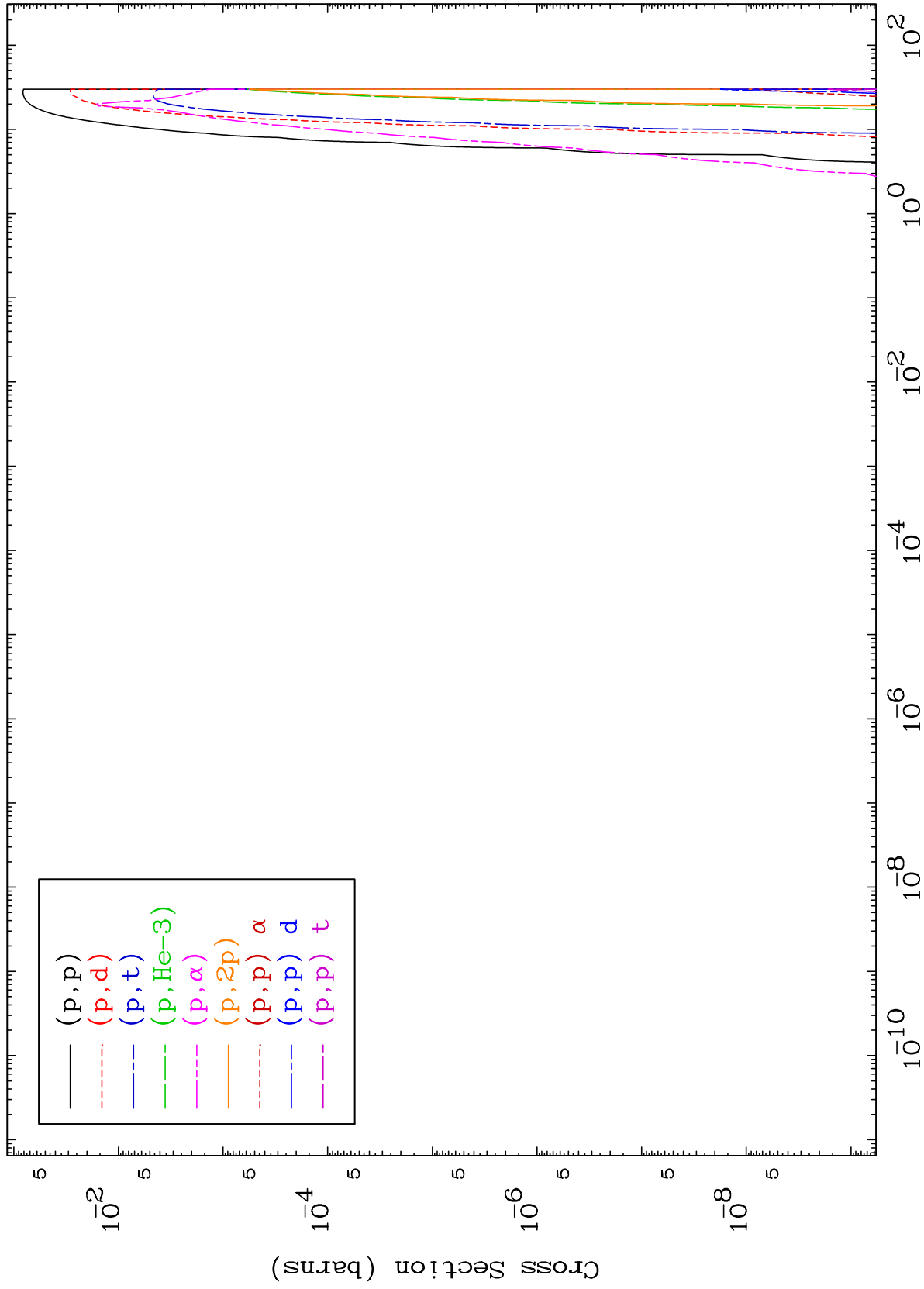
71-Lu-180



MAT 7140

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-180



5

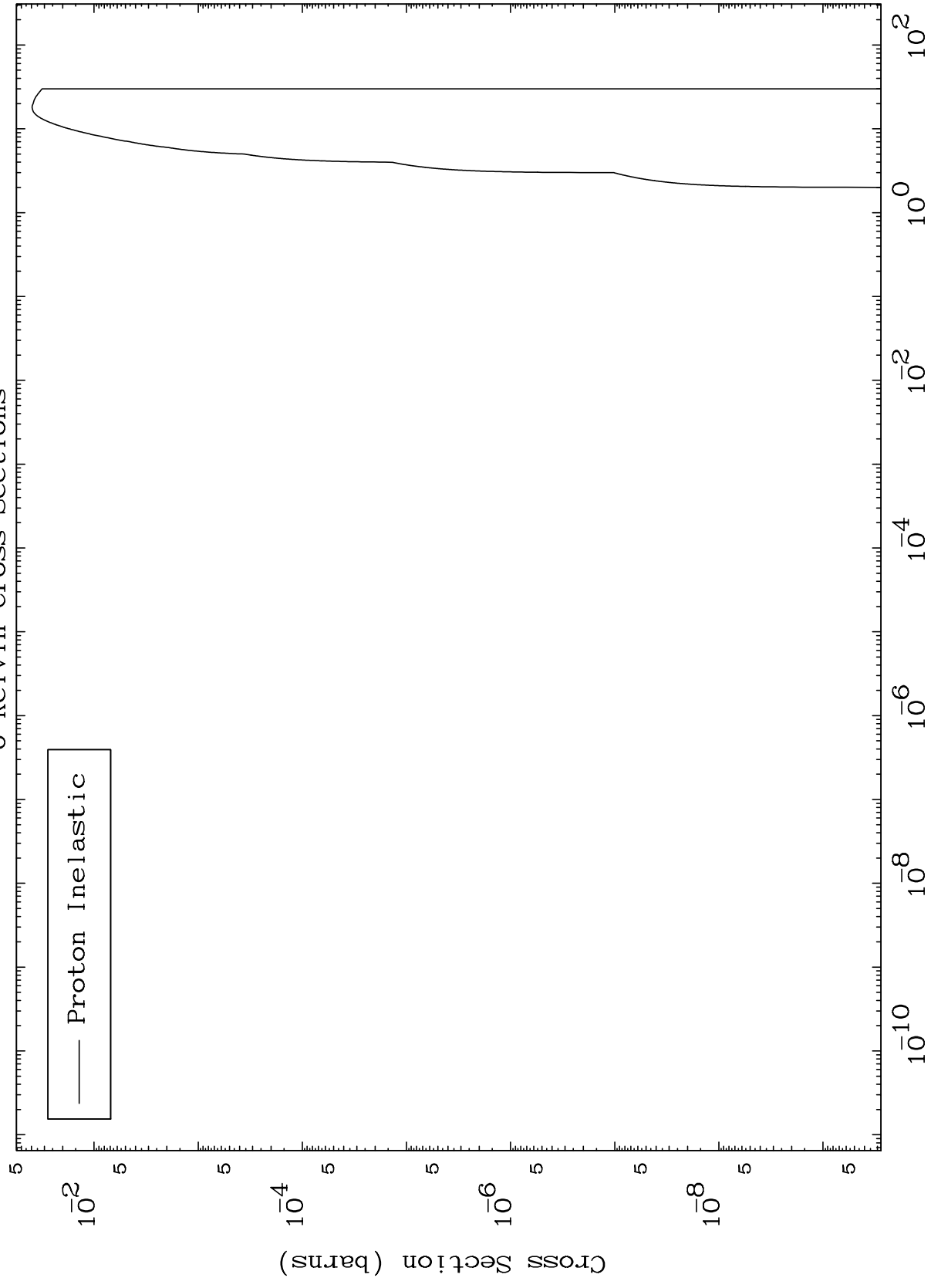
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,n') Level
0 Kelvin Cross Sections

71-Lu-180



6

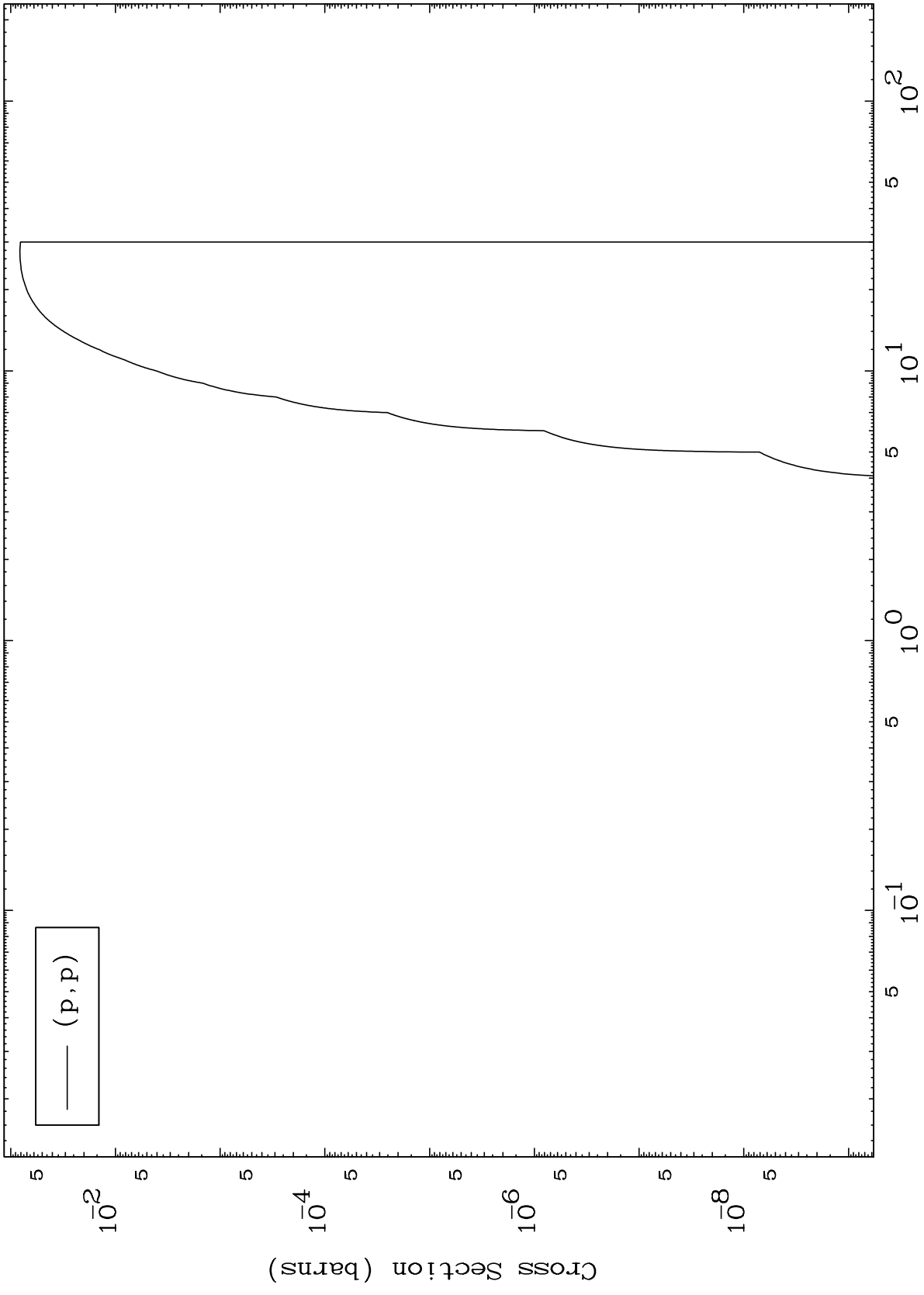
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,p) Levels
0 Kelvin Cross Sections

71-Lu-180



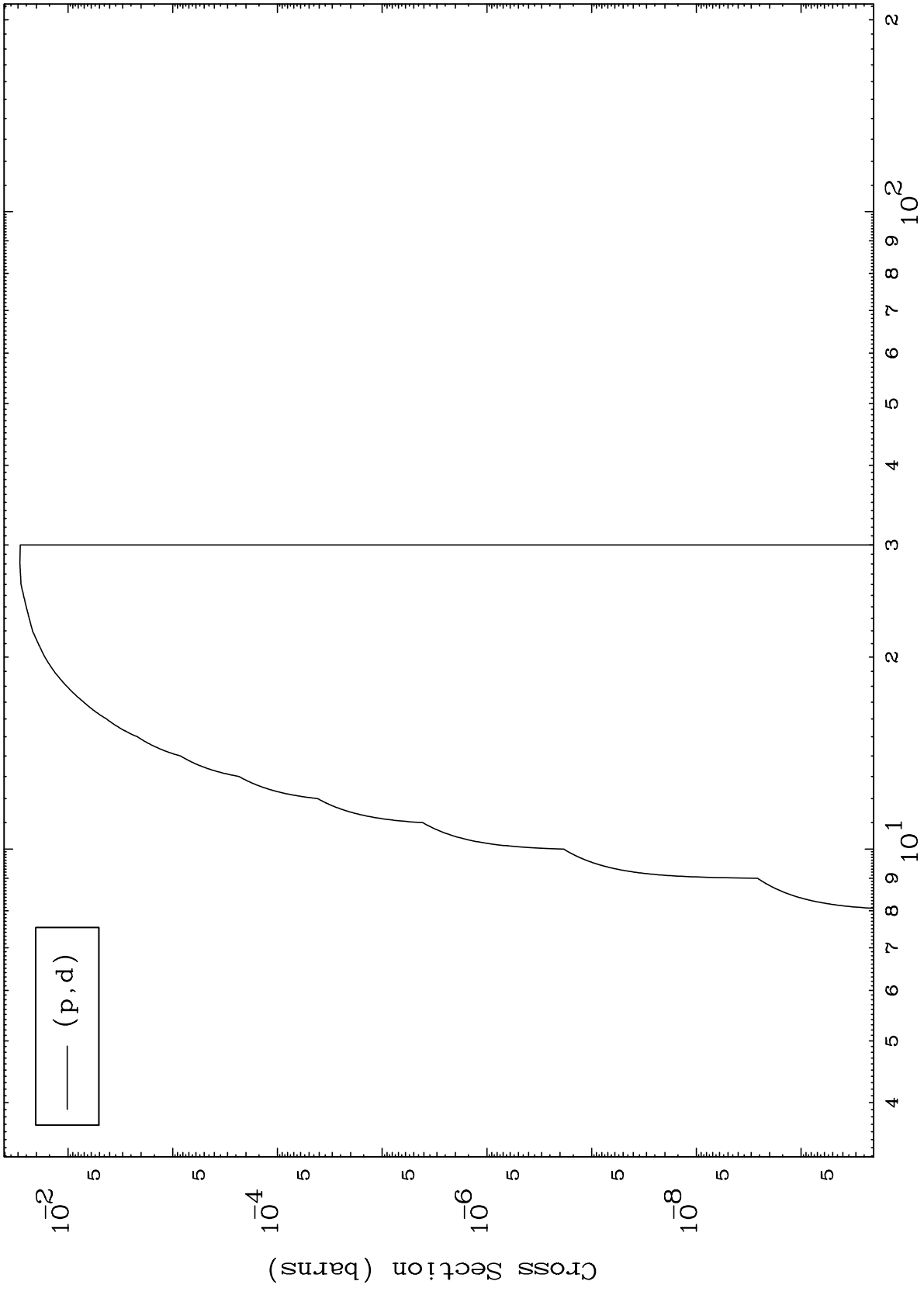
7

71-Lu-180

MAT 7140

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-180



8

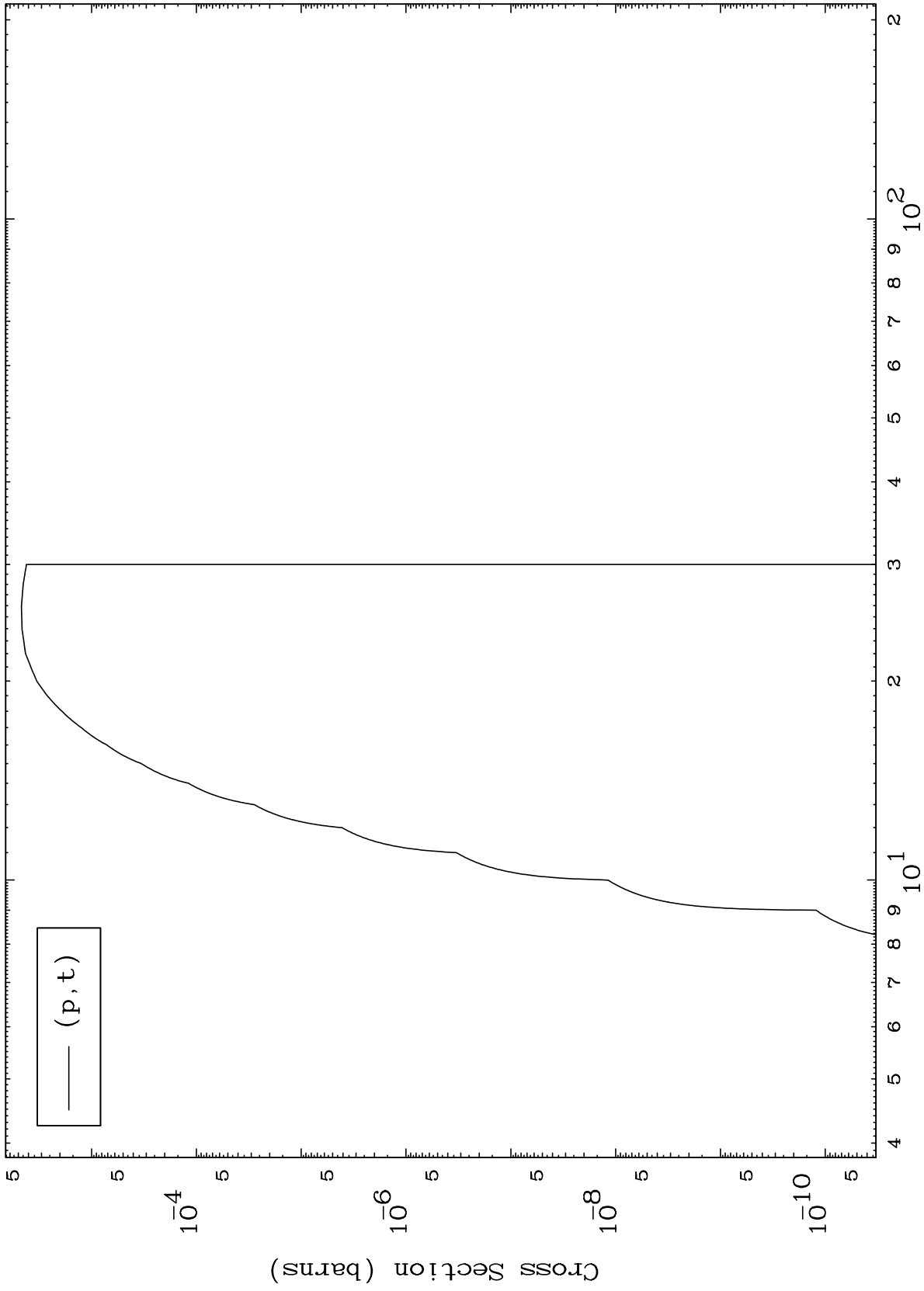
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,t) Levels
0 Kelvin Cross Sections

71-Lu-180



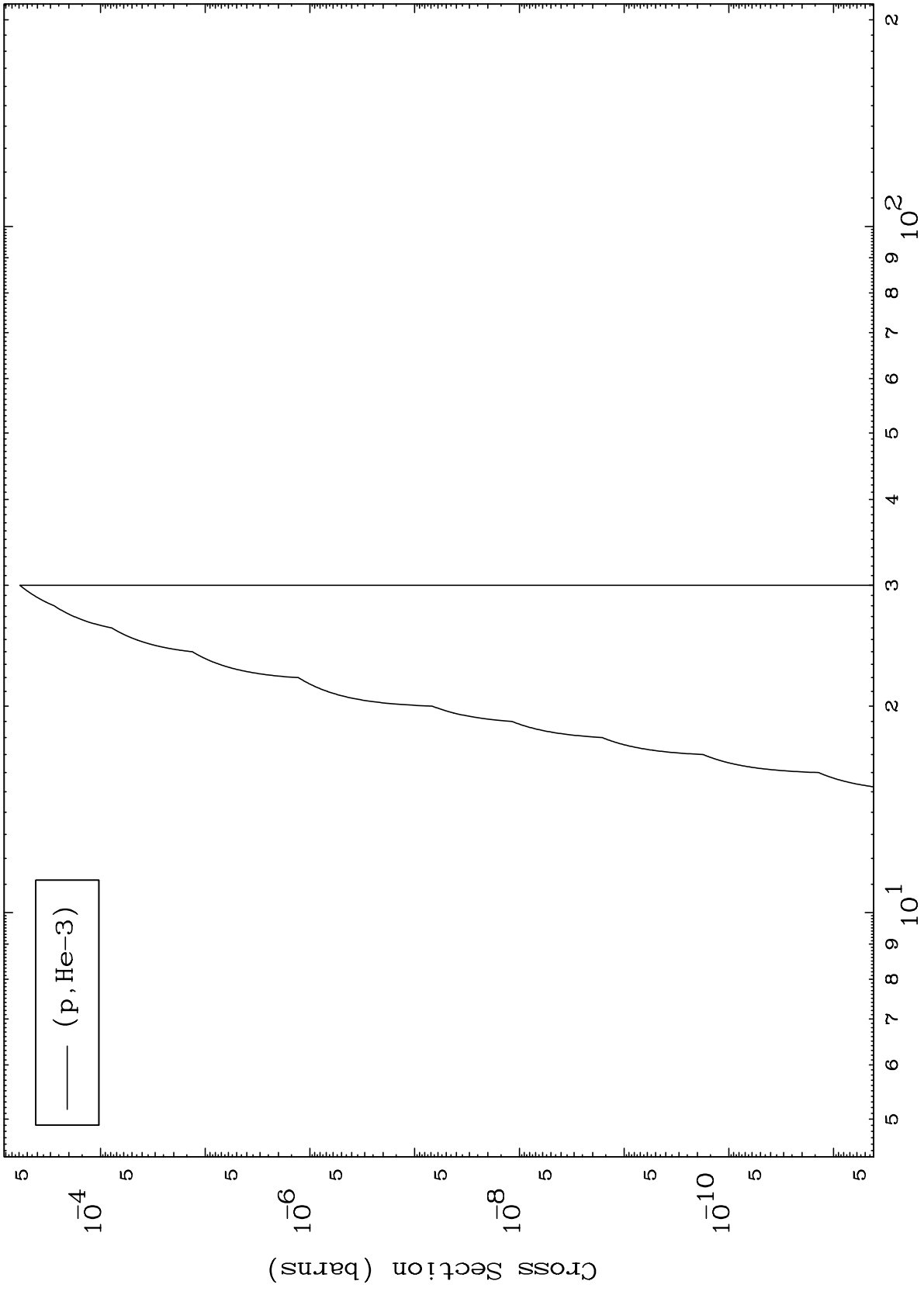
9

71-Lu-180

MAT 7140

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-180



10

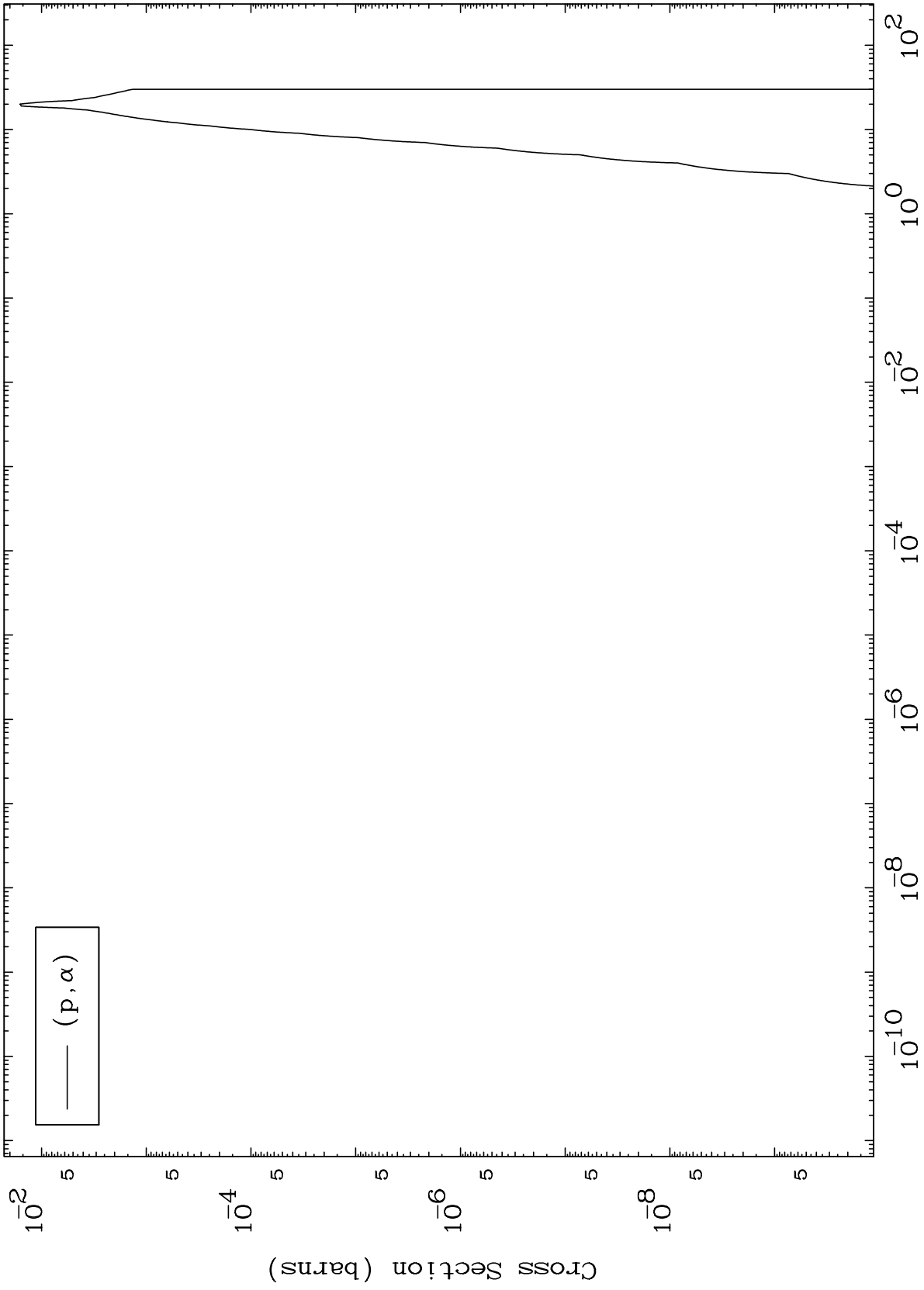
Incident Energy (MeV)

71-Lu-180

MAT 7140

(p,α) Levels
0 Kelvin Cross Sections

71-Lu-180



11

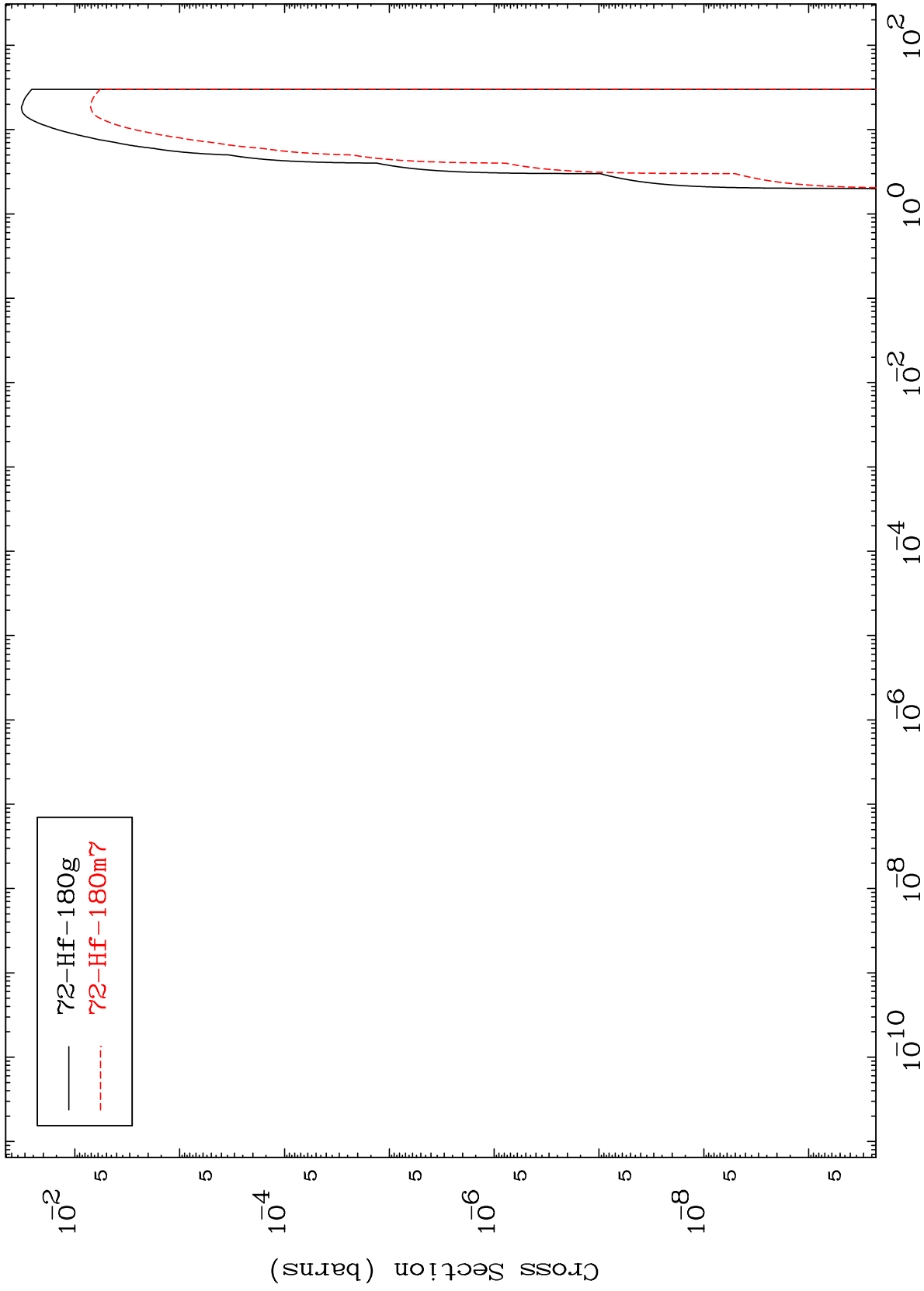
Incident Energy (MeV)

71-Lu-180

MAT 7140

Proton Inelastic
Radionuclide Production Cross Section

71-Lu-180



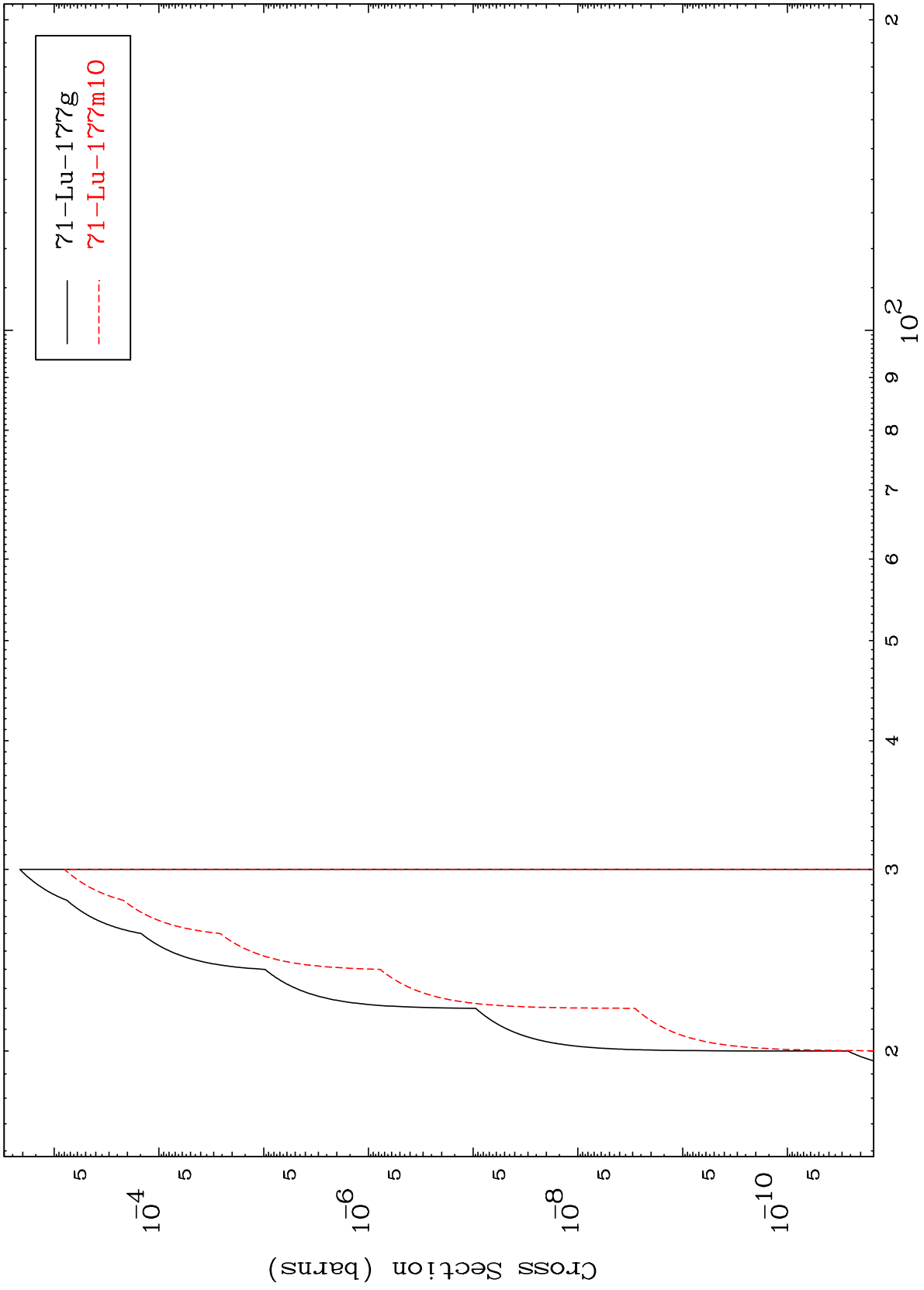
71-Lu-180

MAT 7140

(p,2n) d

⁷¹Lu-180

Radionuclide Production Cross Section



13

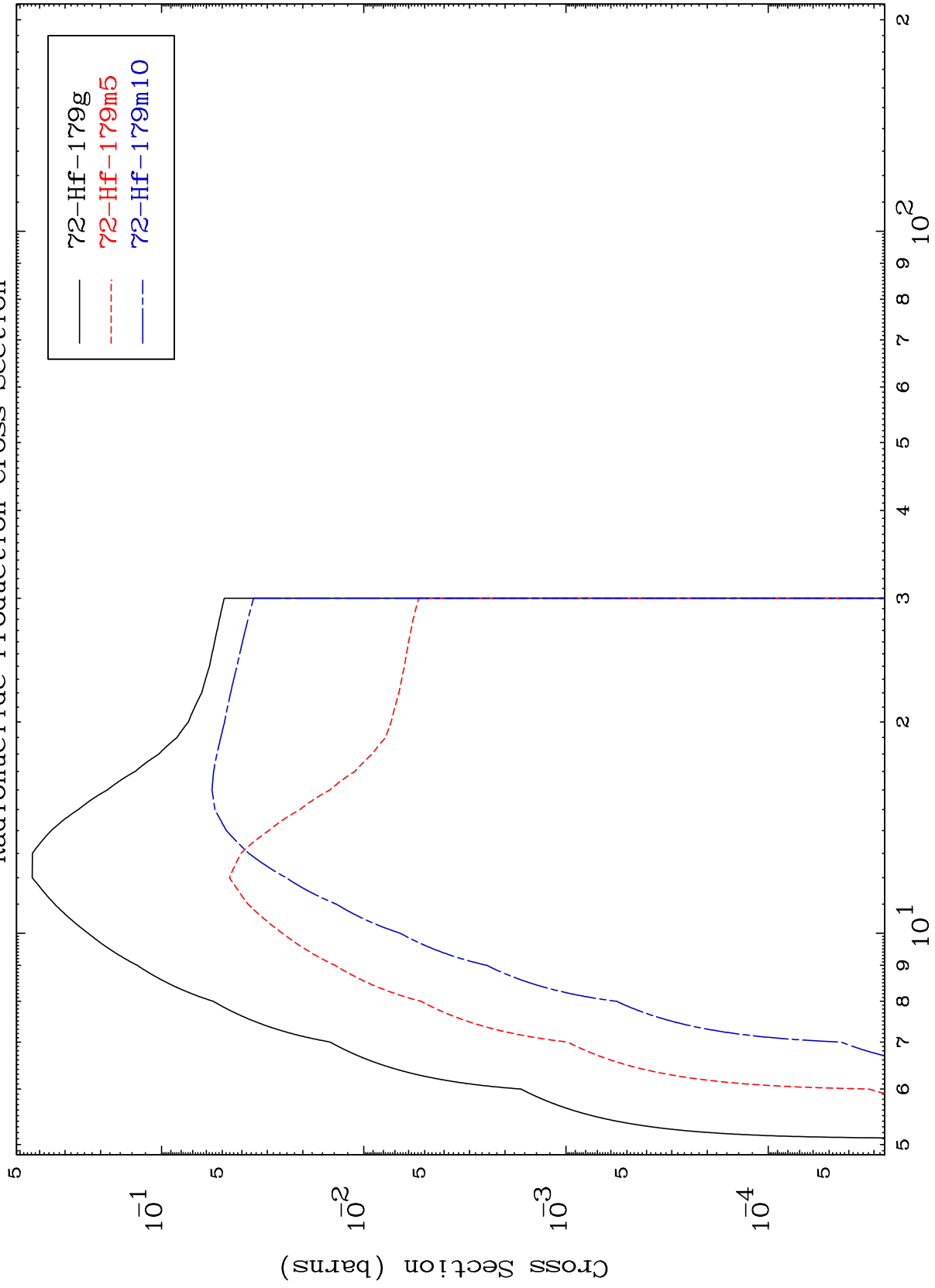
Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

71-Lu-180

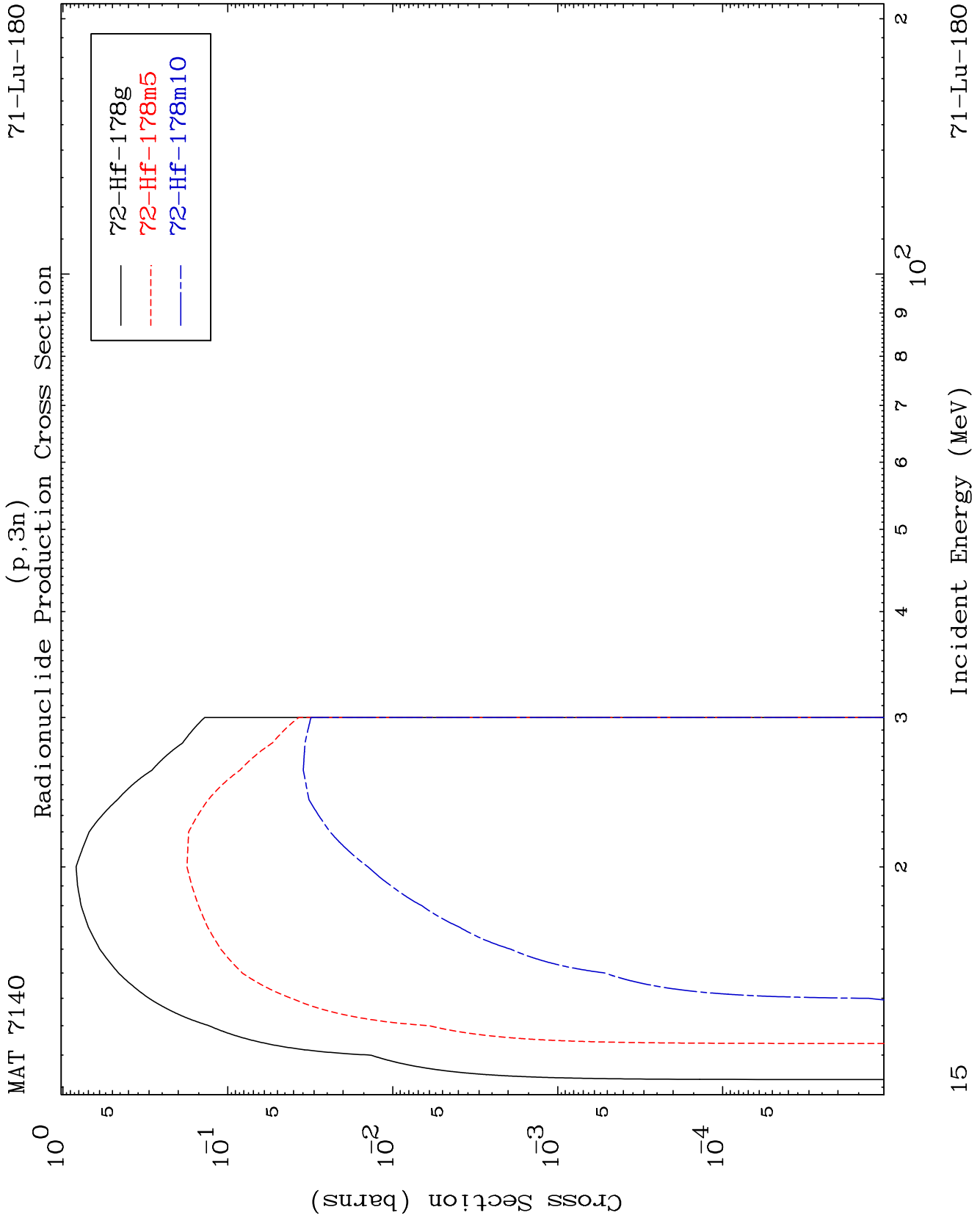
Radionuclide Production Cross Section
(p,2n)



14

Incident Energy (MeV)

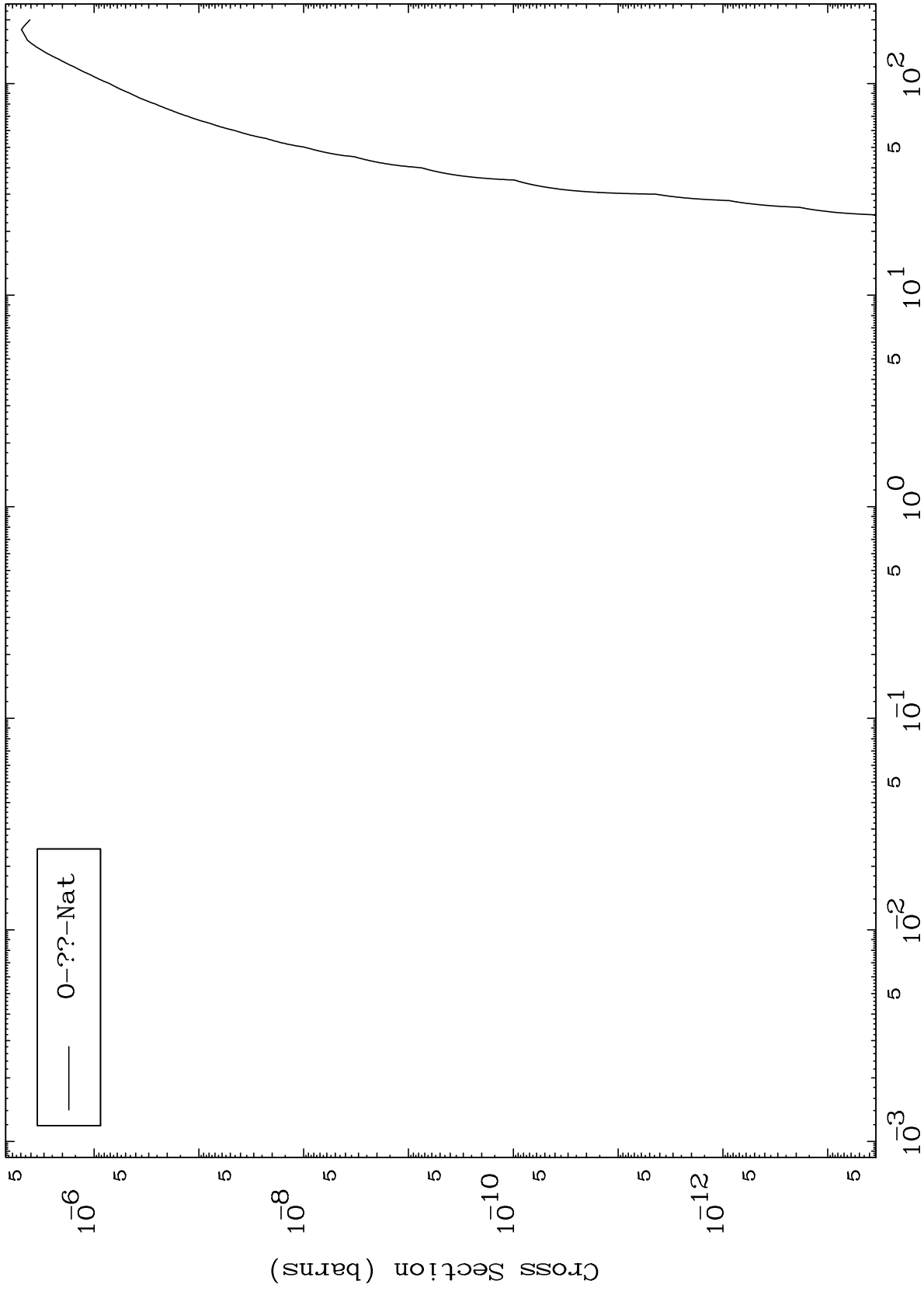
71-Lu-180



MAT 7140

Proton Fission
Radionuclide Production Cross Section

71-Lu-180



16

Incident Energy (MeV)

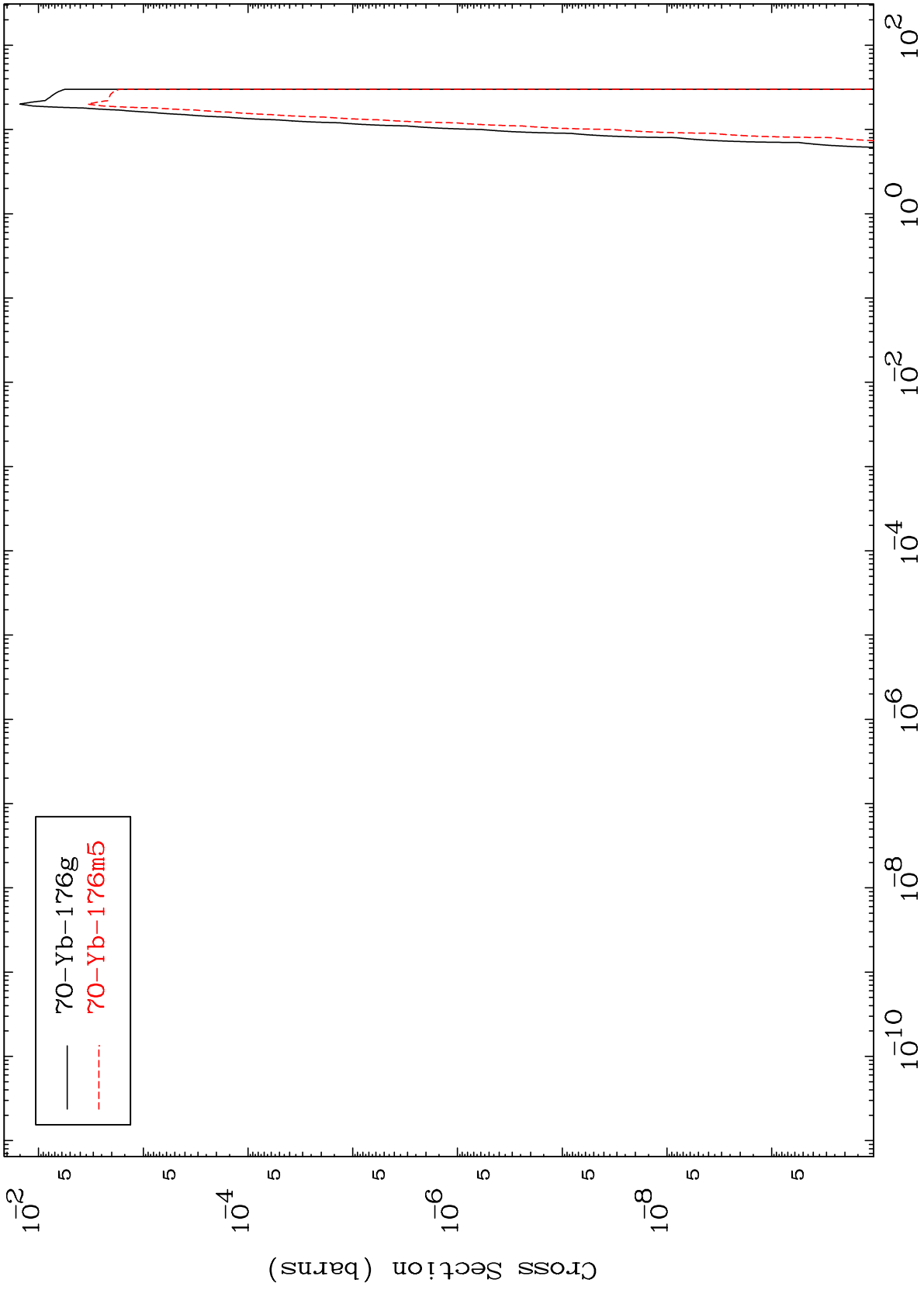
71-Lu-180

MAT 7140

(p,n') α

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

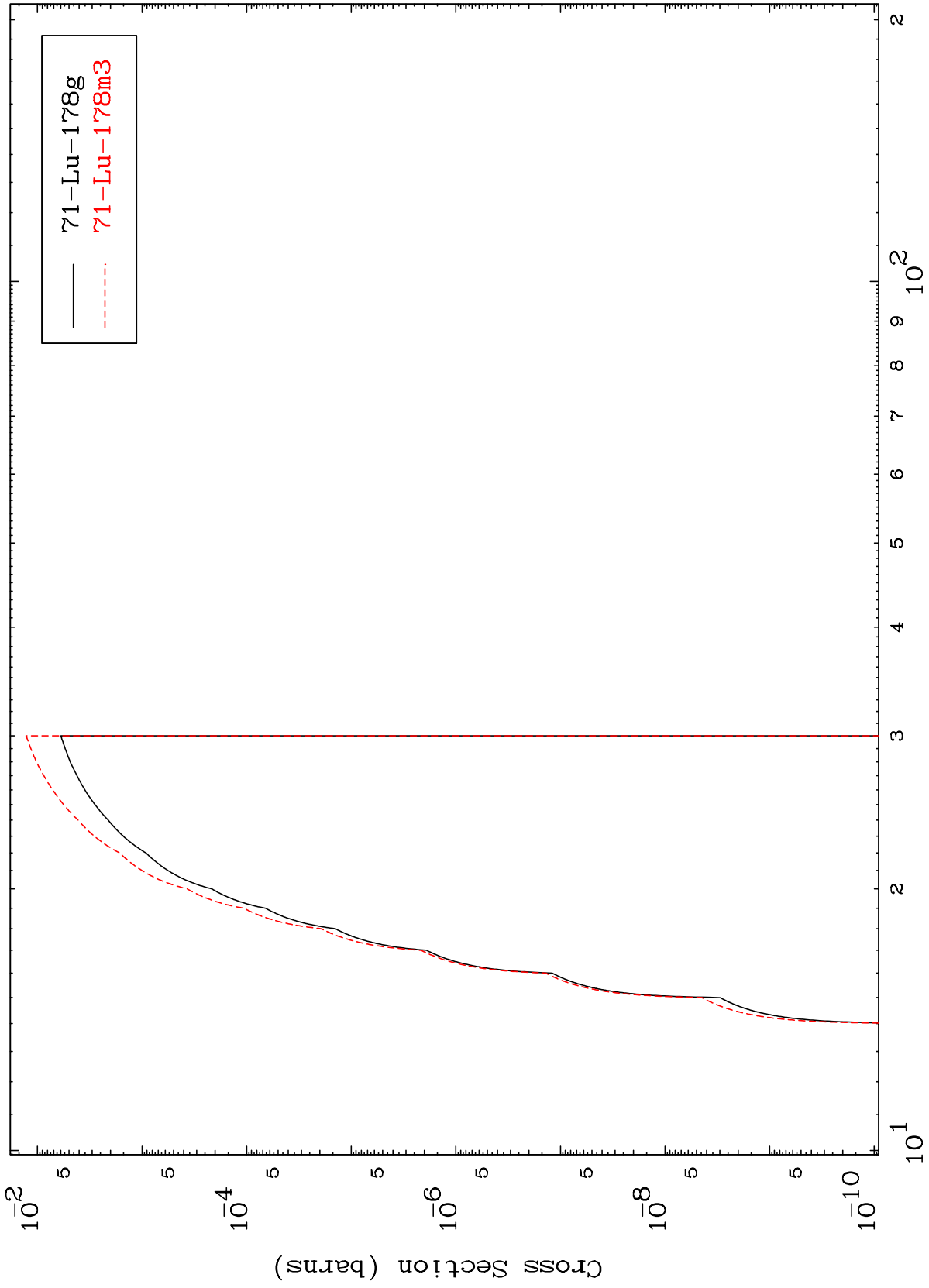
$^{71}\text{Lu-180}$

MAT 7140

(p,n') d

71-Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

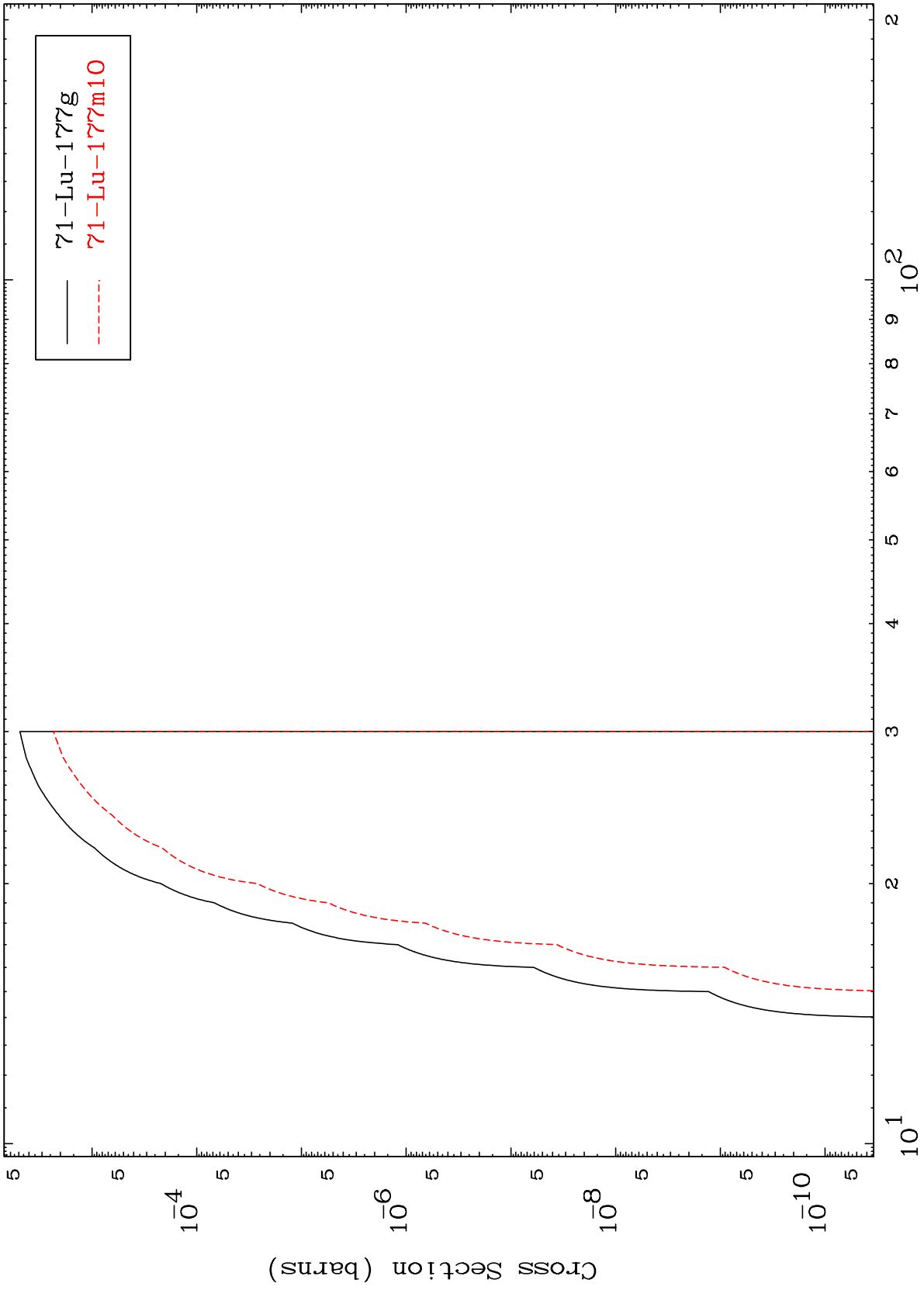
71-Lu-180

MAT 7140

(p,n') t

⁷¹Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

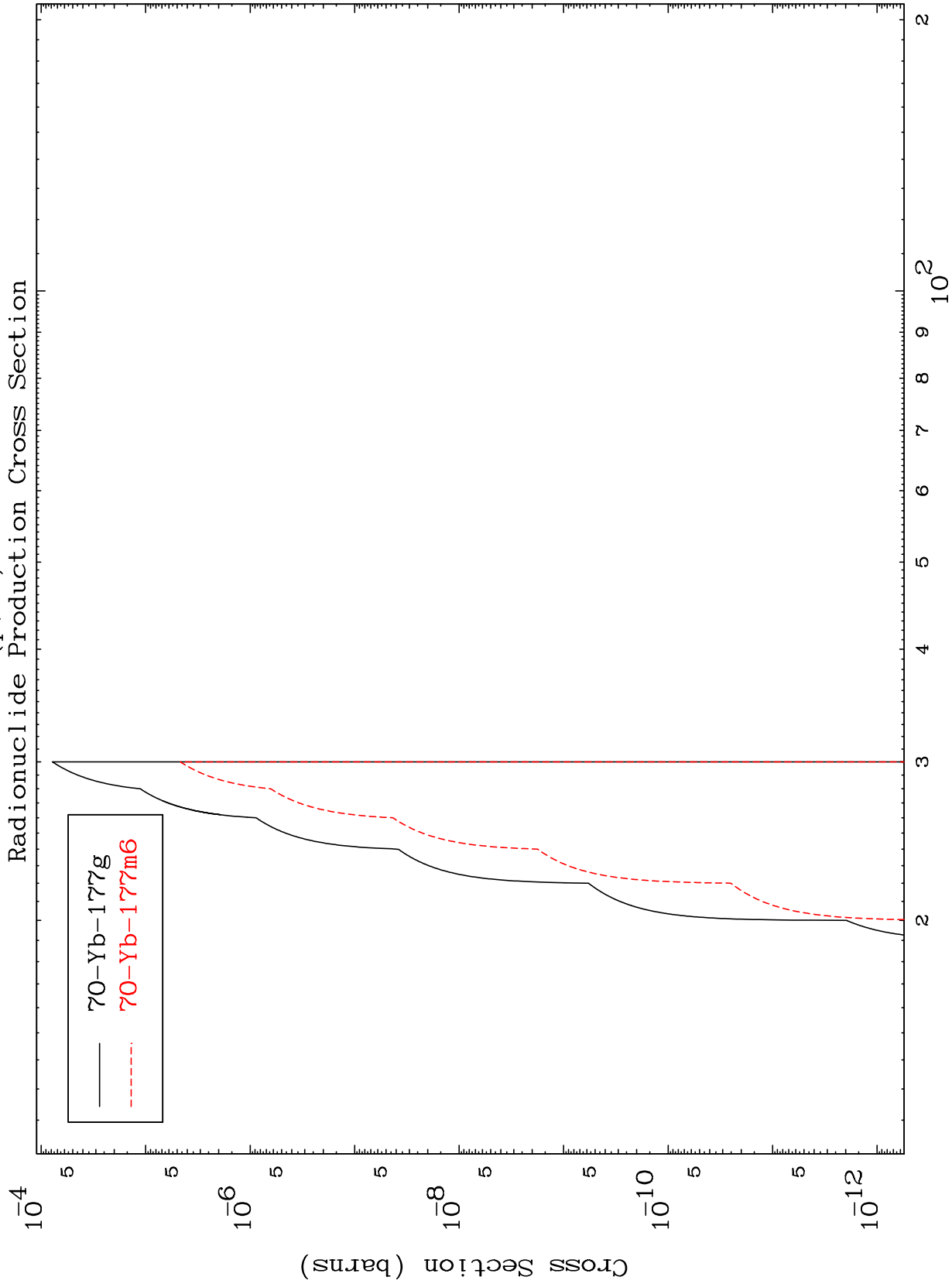
⁷¹Lu-180

MAT 7140

(p,n') He-3

71-Lu-180

Radionuclide Production Cross Section



20

Incident Energy (MeV)

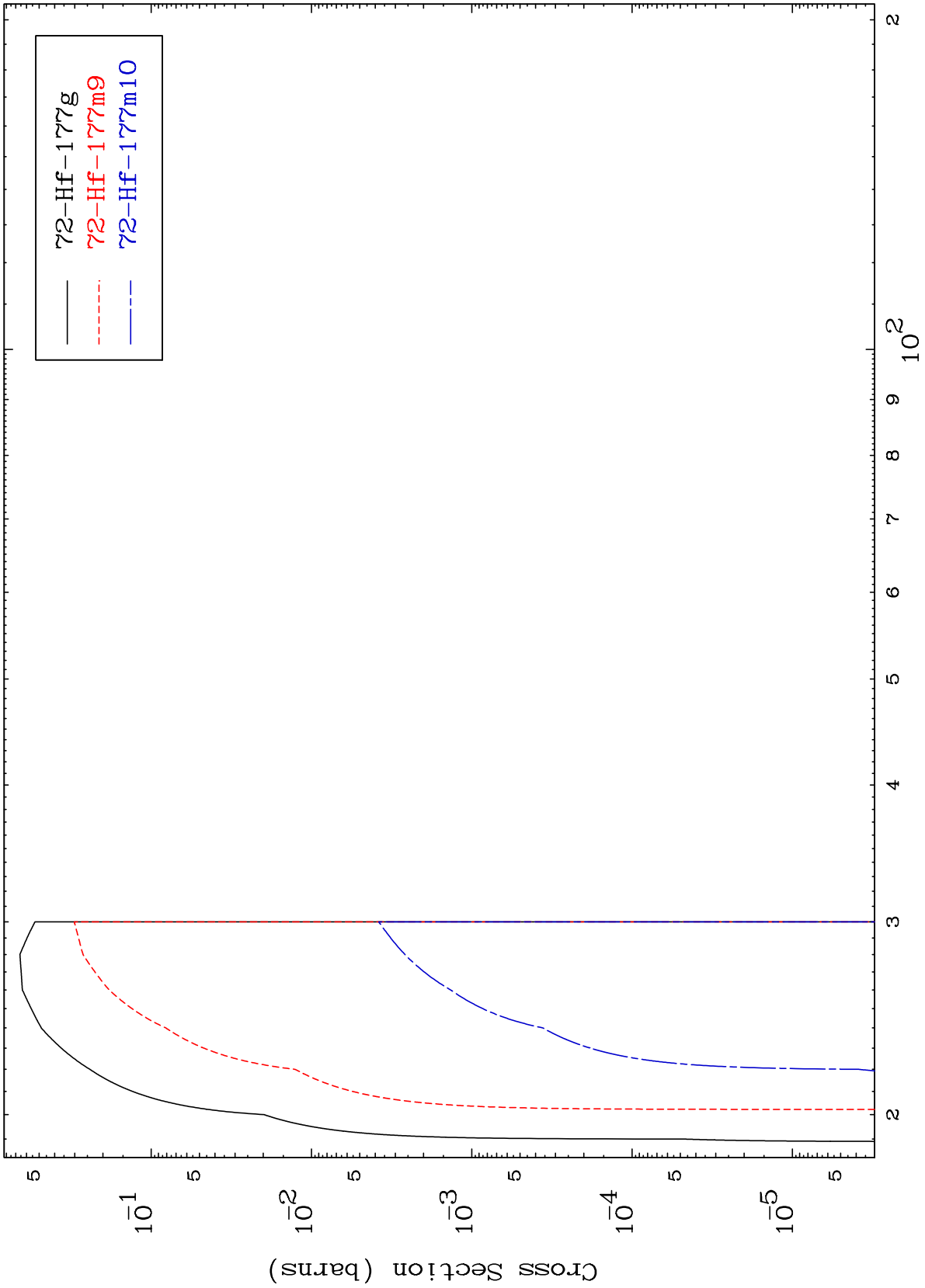
71-Lu-180

MAT 7140

(p,4n)

71-Lu-180

Radionuclide Production Cross Section



21

Incident Energy (MeV)

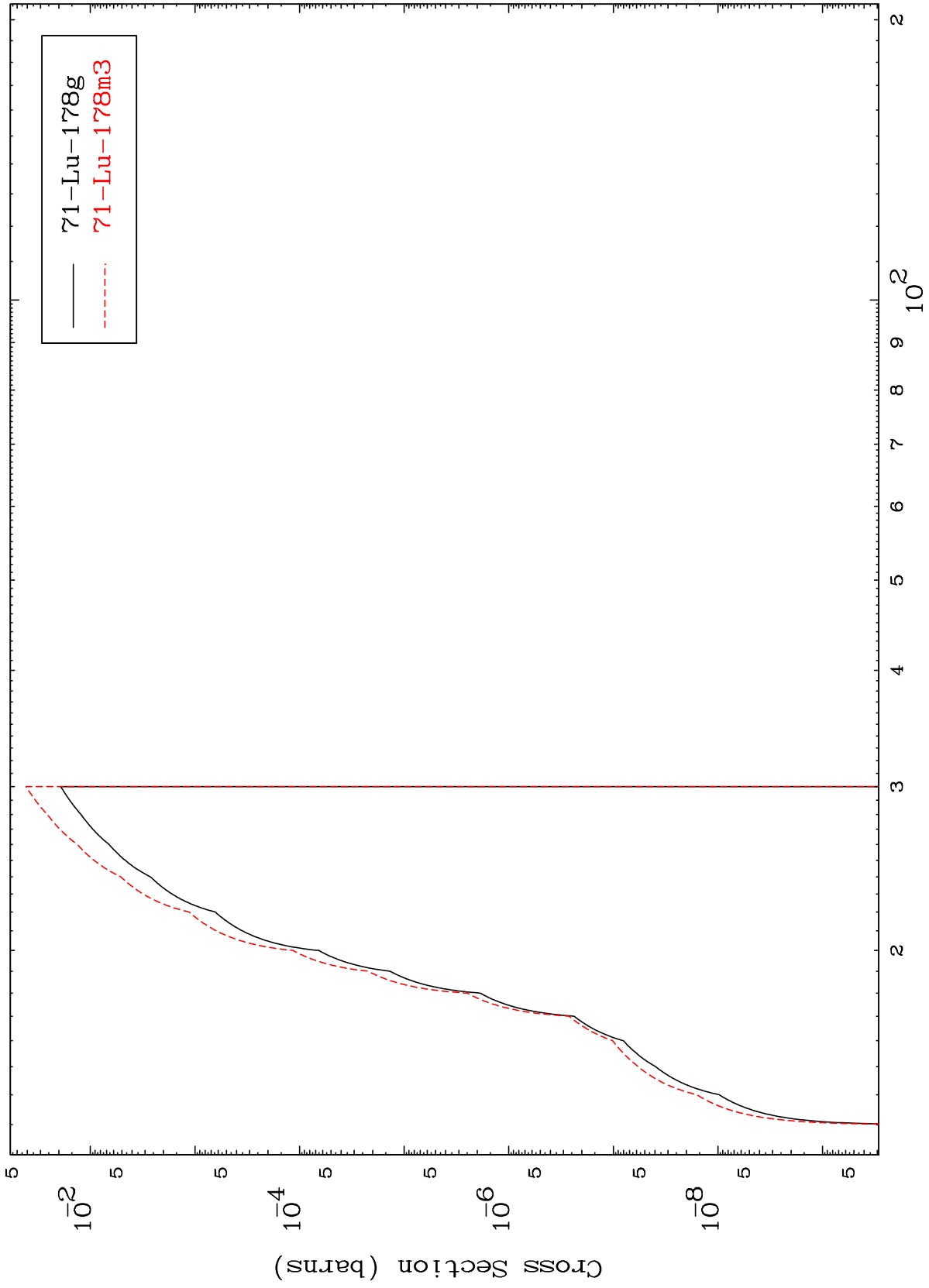
71-Lu-180

MAT 7140

(p,2n) p

⁷¹Lu-180

Radionuclide Production Cross Section



22

Incident Energy (MeV)

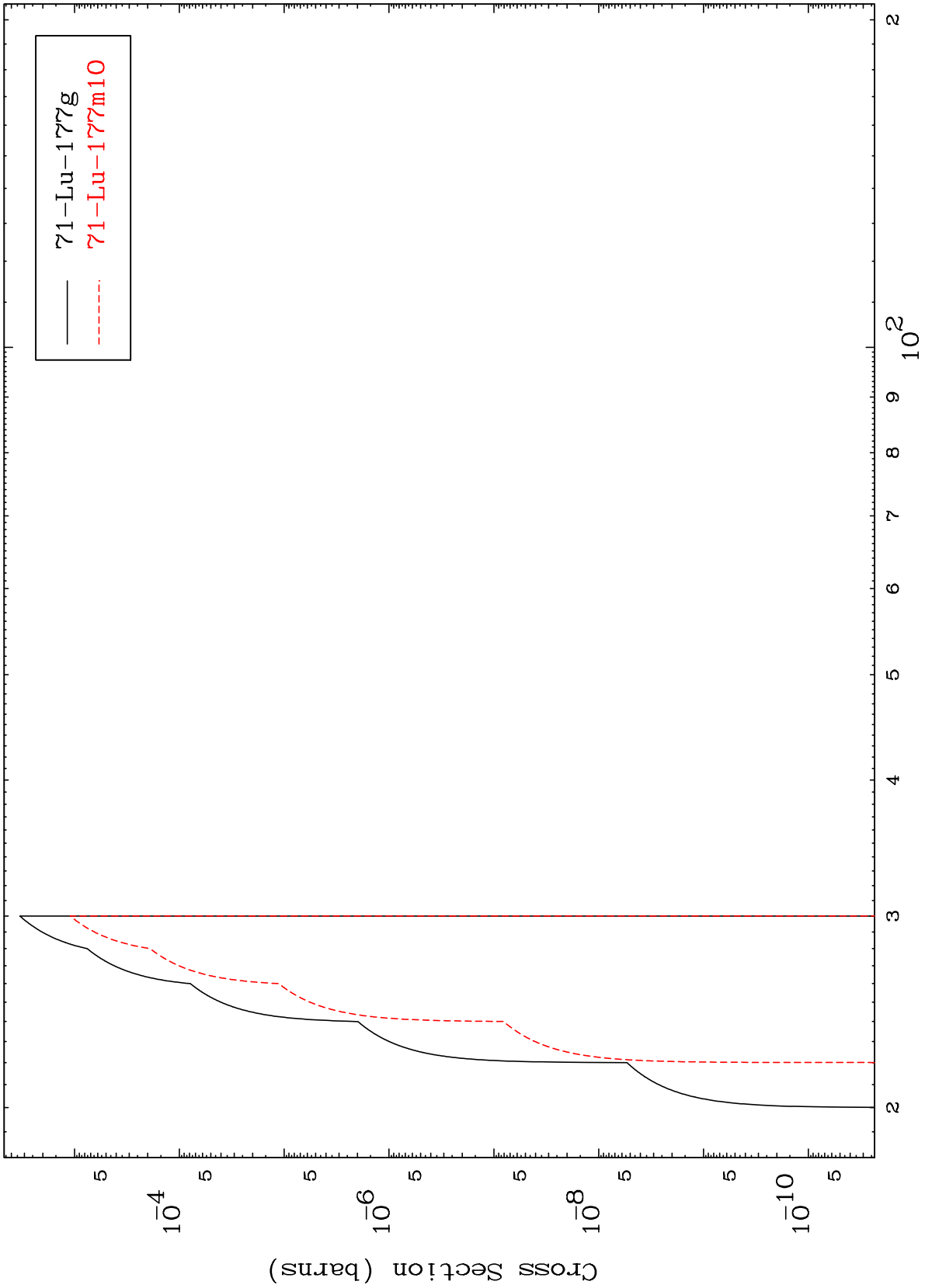
⁷¹Lu-180

MAT 7140

(p,3n) p

⁷¹Lu-180

Radionuclide Production Cross Section



23

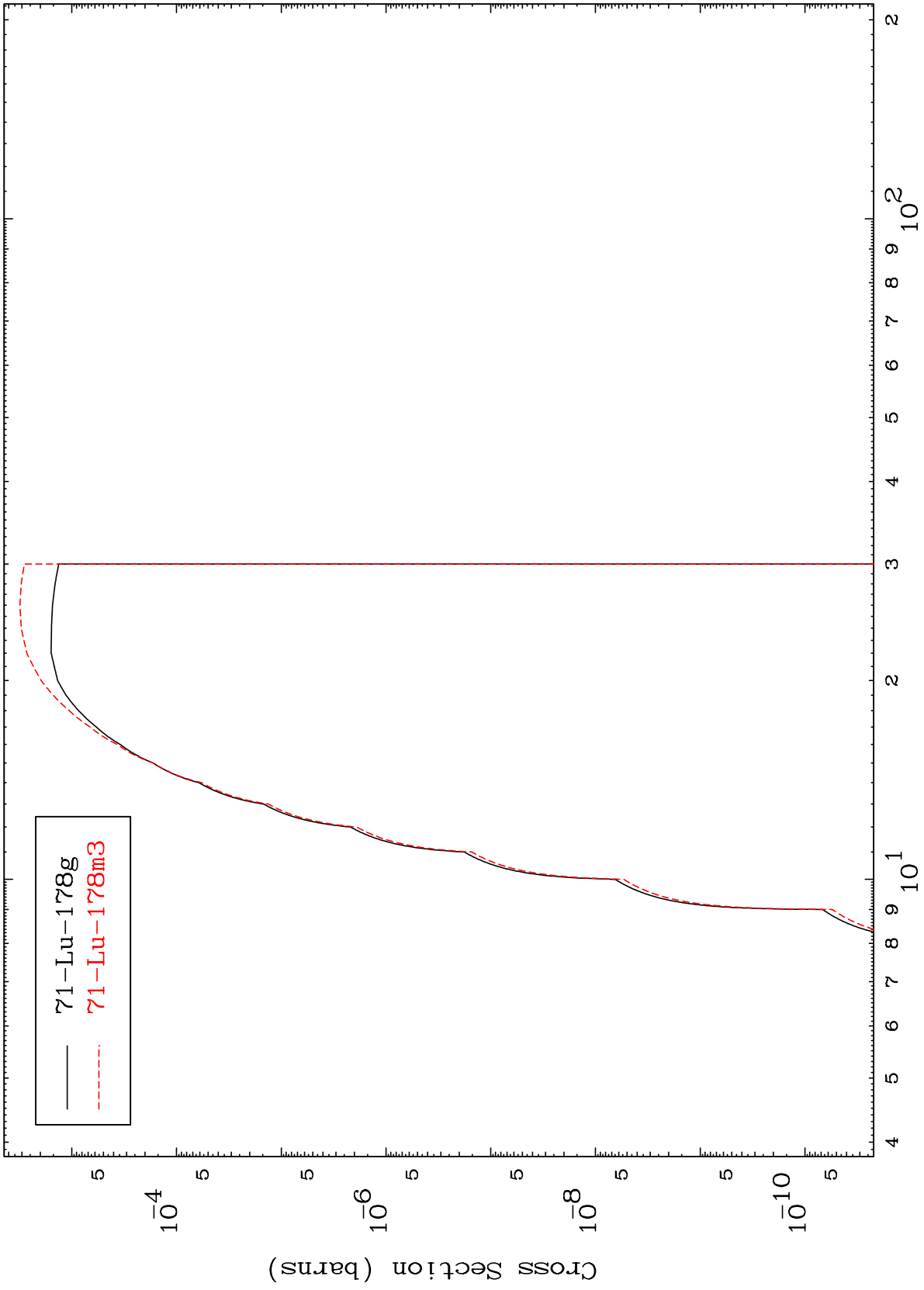
Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

⁷¹Lu-180

Radionuclide Production Cross Section



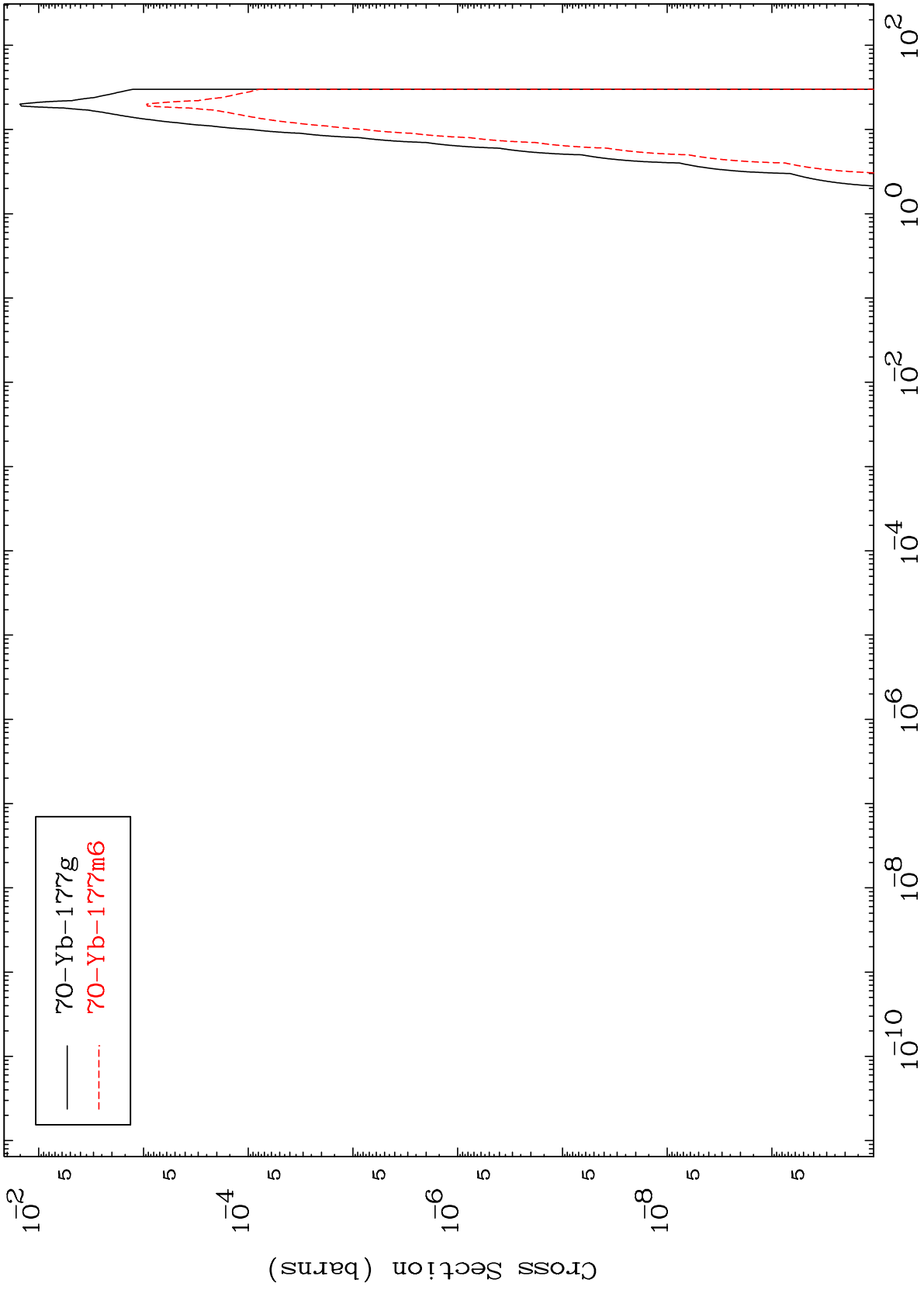
24

⁷¹Lu-180

MAT 7140

Radionuclide Production Cross Section
(p, α)

⁷¹Lu-180



25

Incident Energy (MeV)

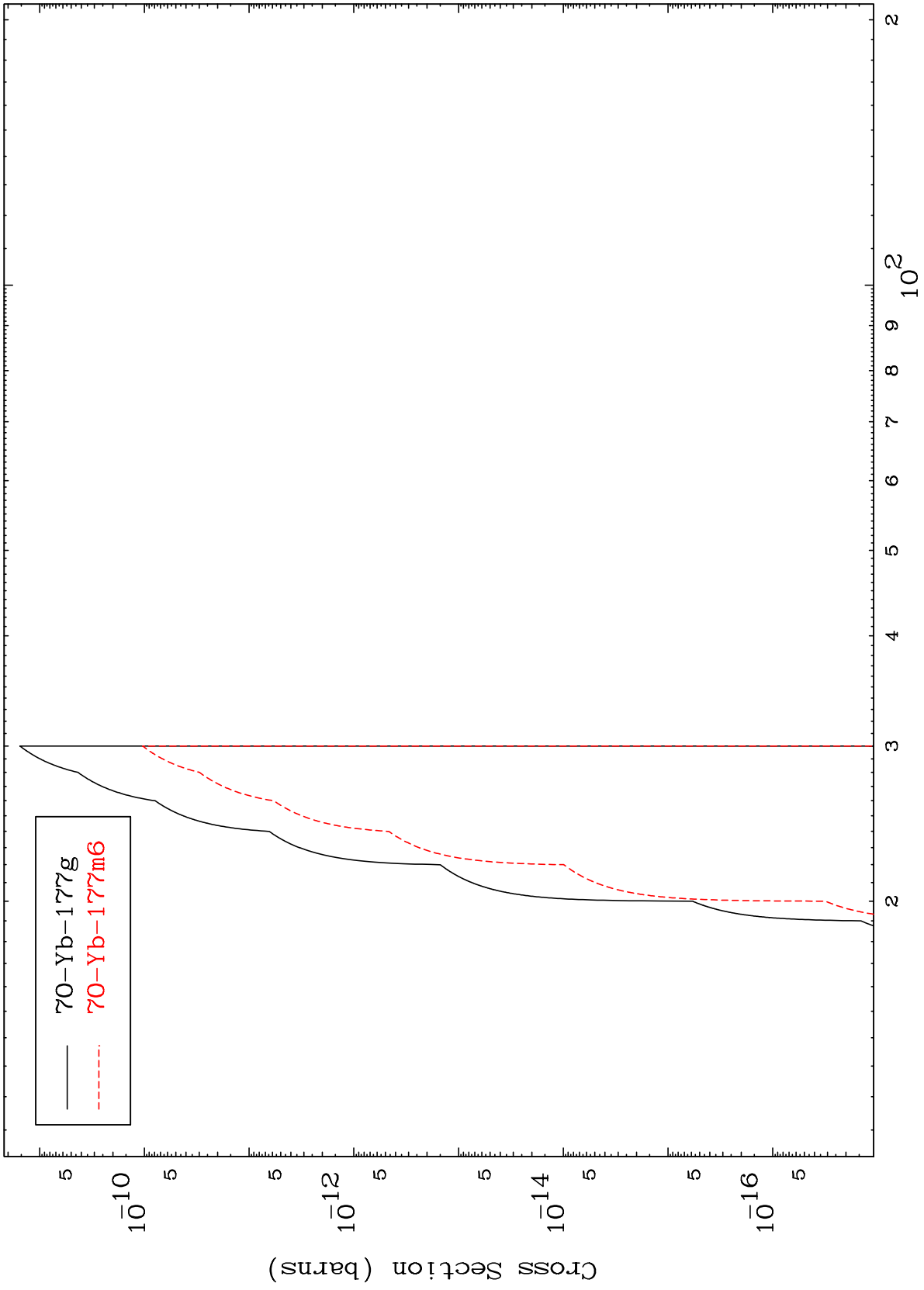
⁷¹Lu-180

MAT 7140

(p,p) t

⁷¹Lu-180

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷¹Lu-180