

Program EVALPLOT
(Version 2018-1)

by

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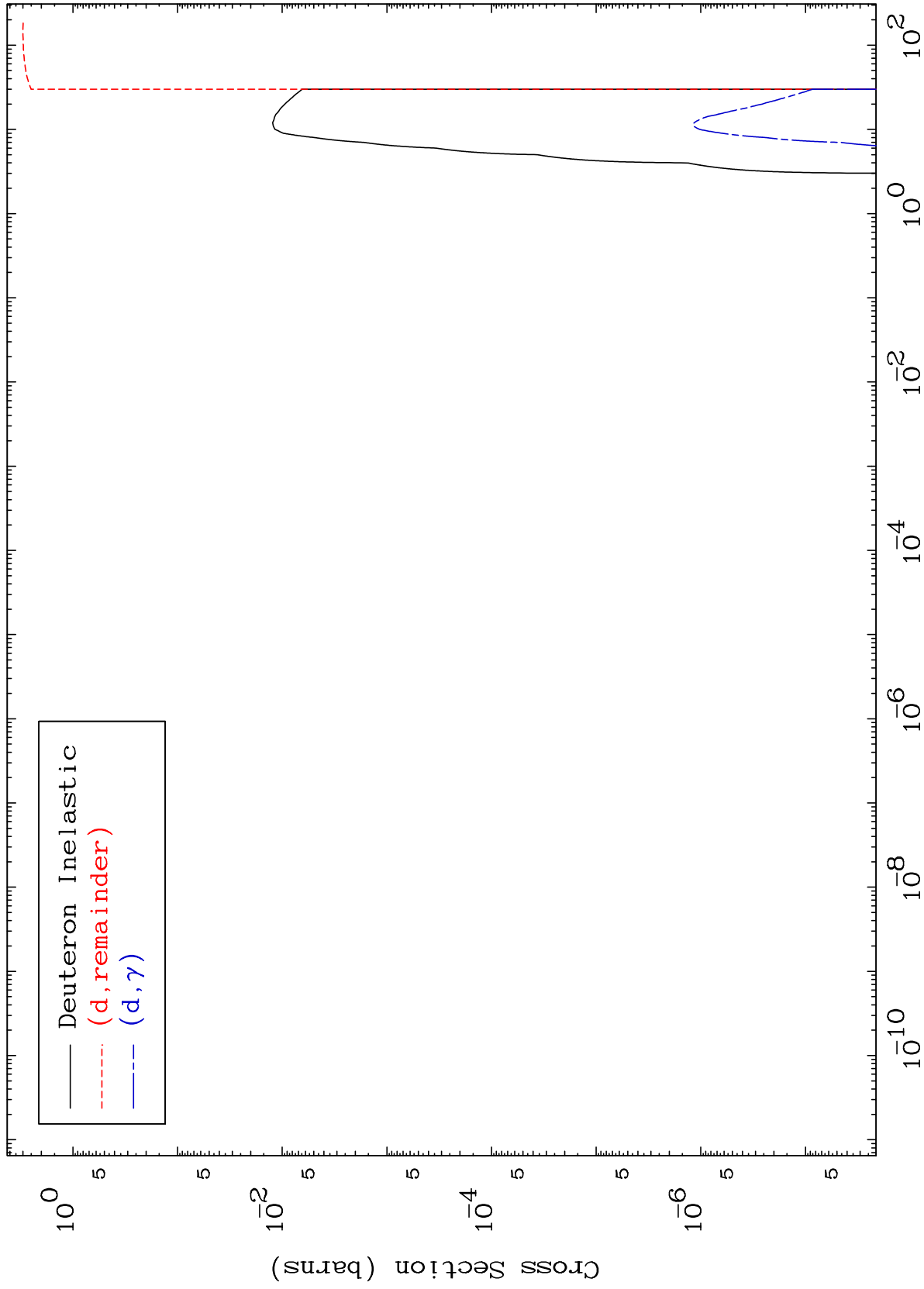
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7140

Deuteron Major
0 Kelvin Cross Sections

71-Lu-180



1

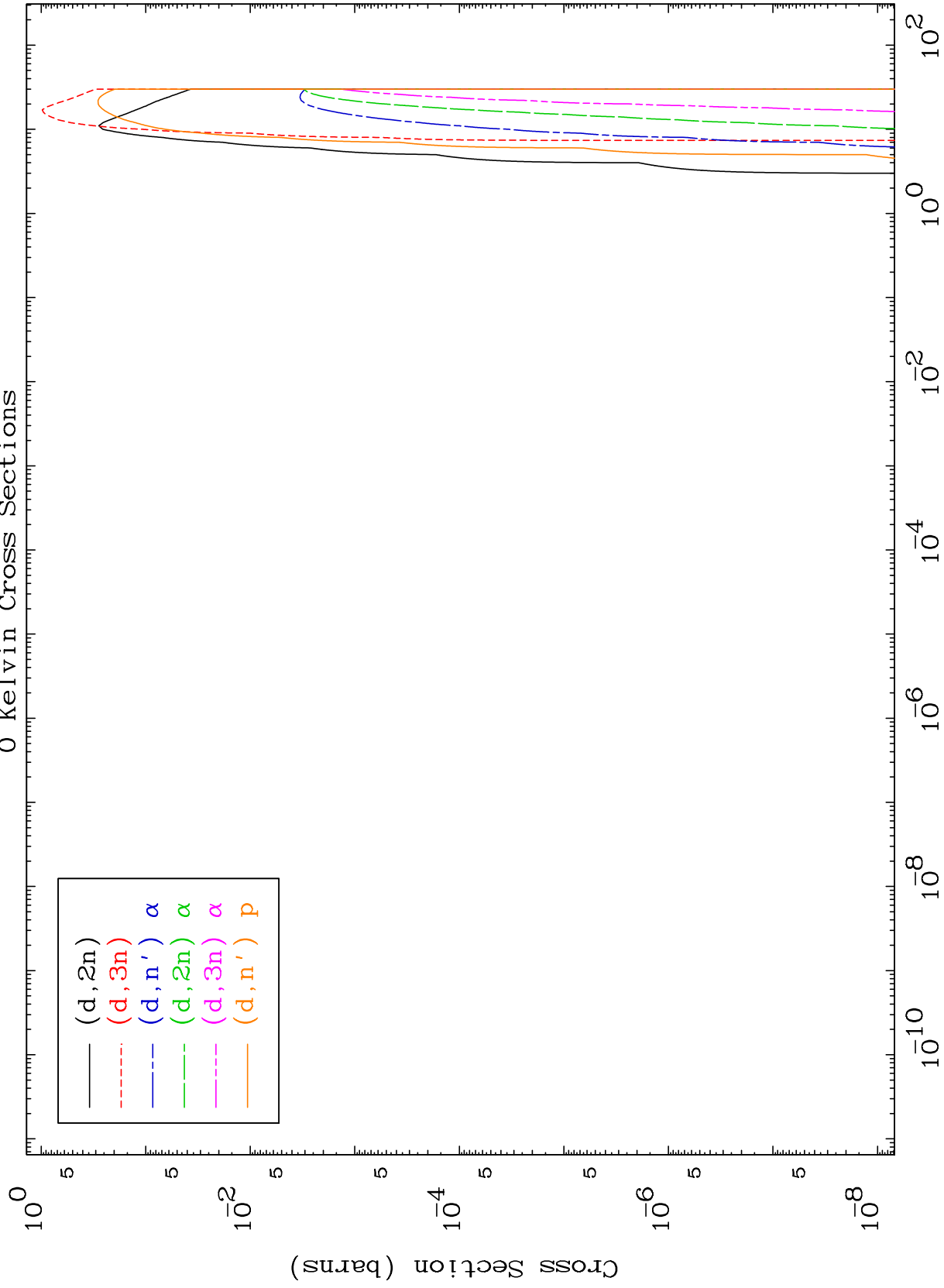
Incident Energy (MeV)

71-Lu-180

MAT 7140

Deuteron Neutron Production
0 Kelvin Cross Sections

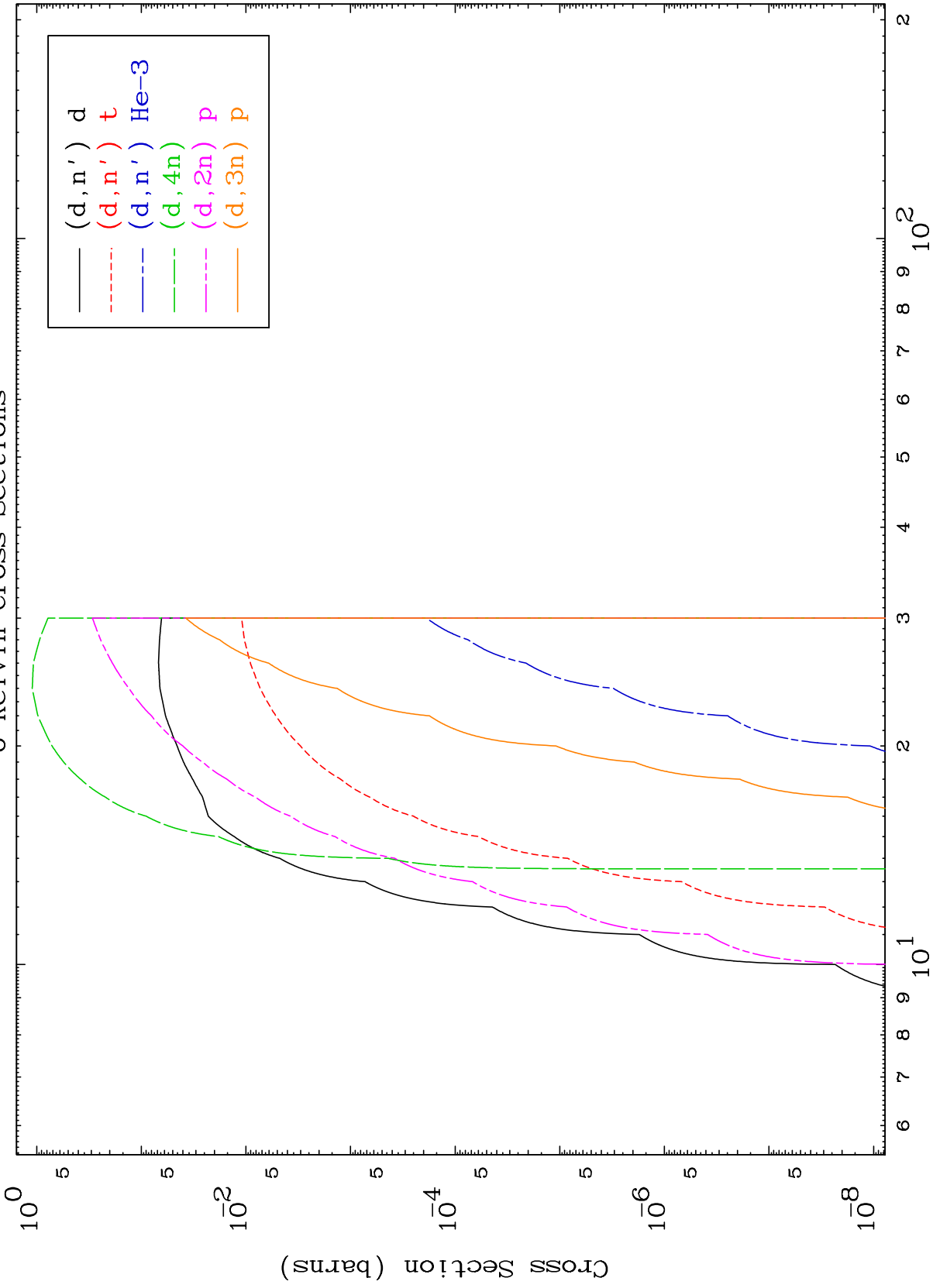
71-Lu-180



2

Incident Energy (MeV)

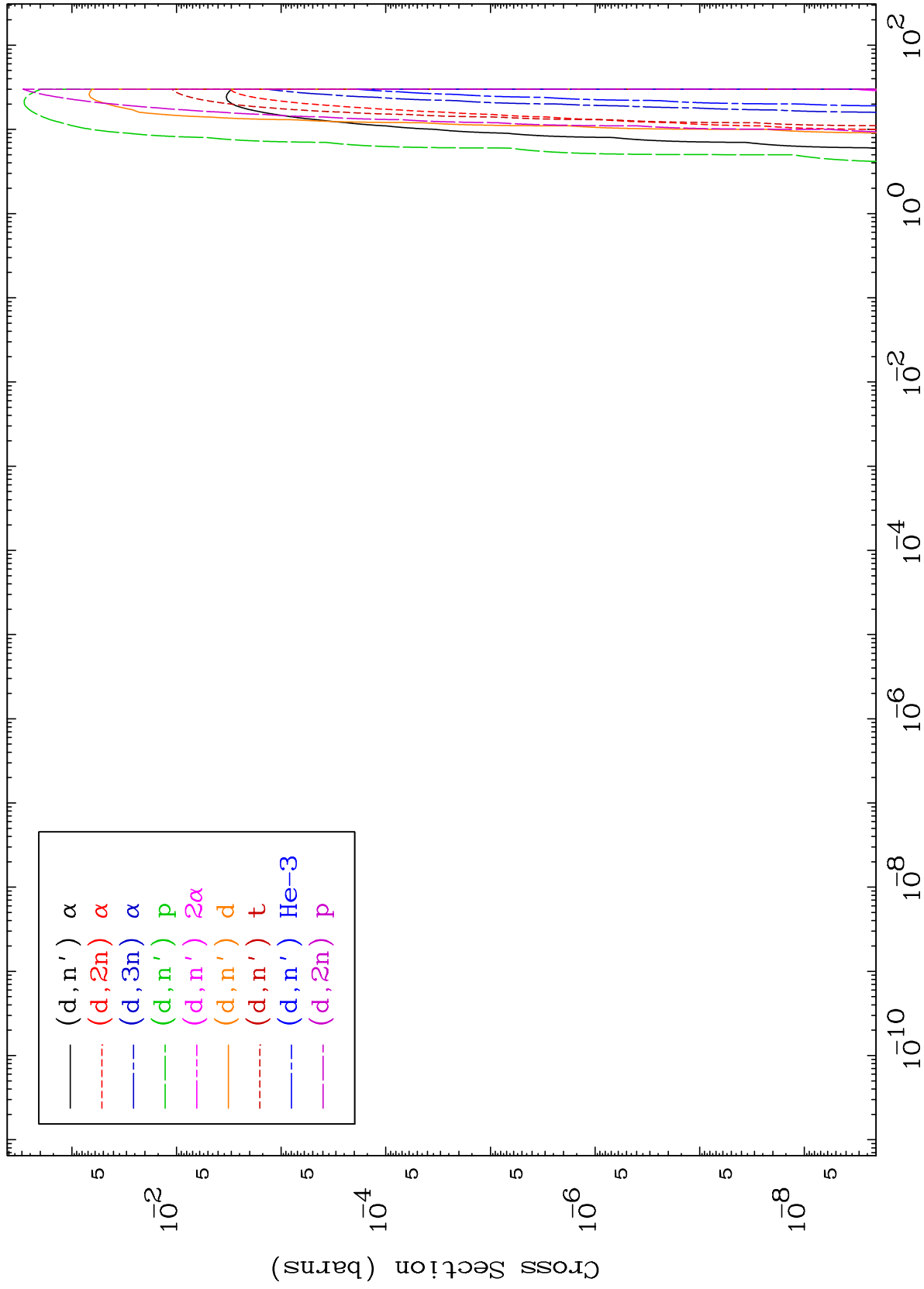
71-Lu-180



MAT 7140

Deuteron Charged Particle
0 Kelvin Cross Sections

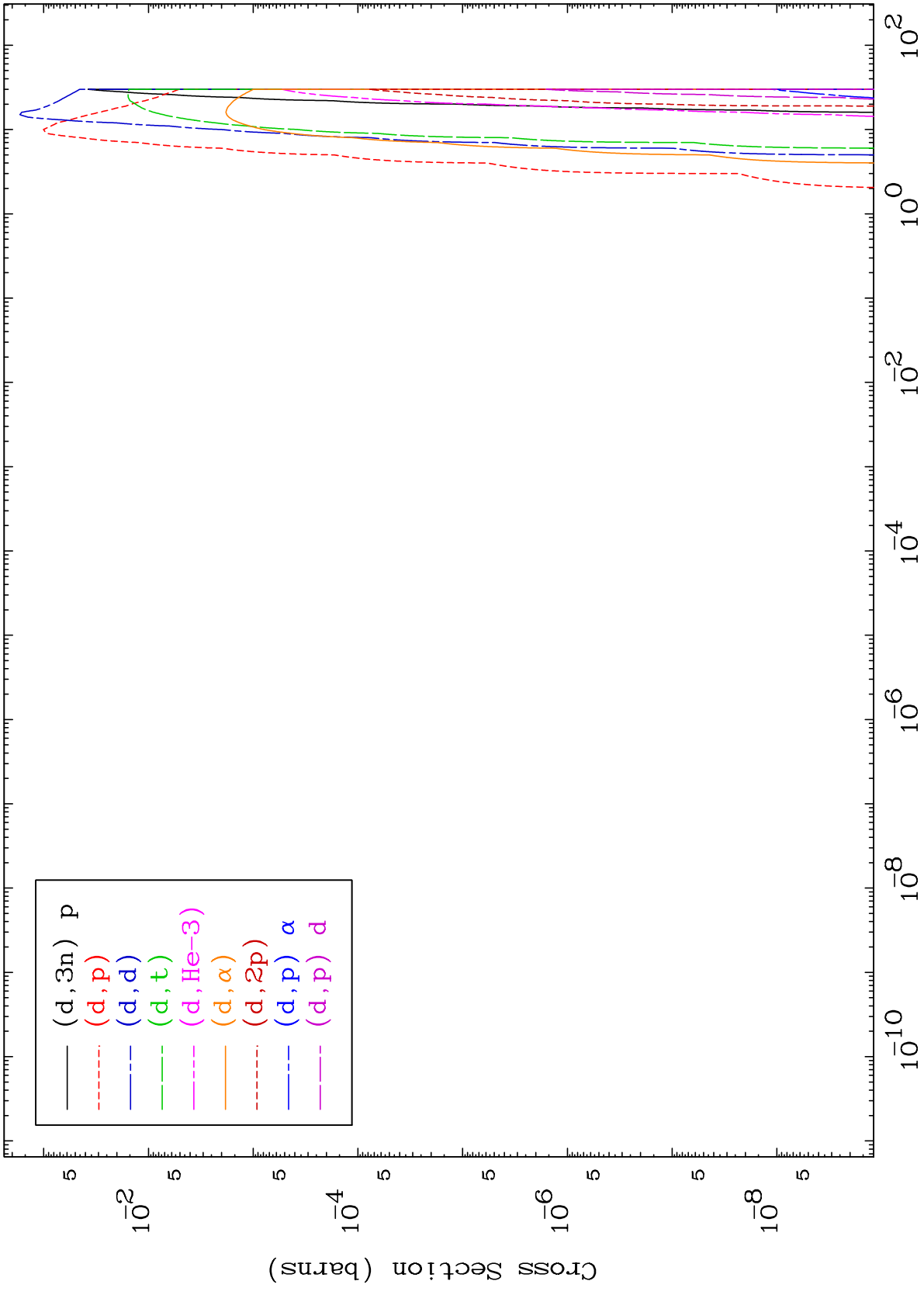
71-Lu-180



MAT 7140

Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-180



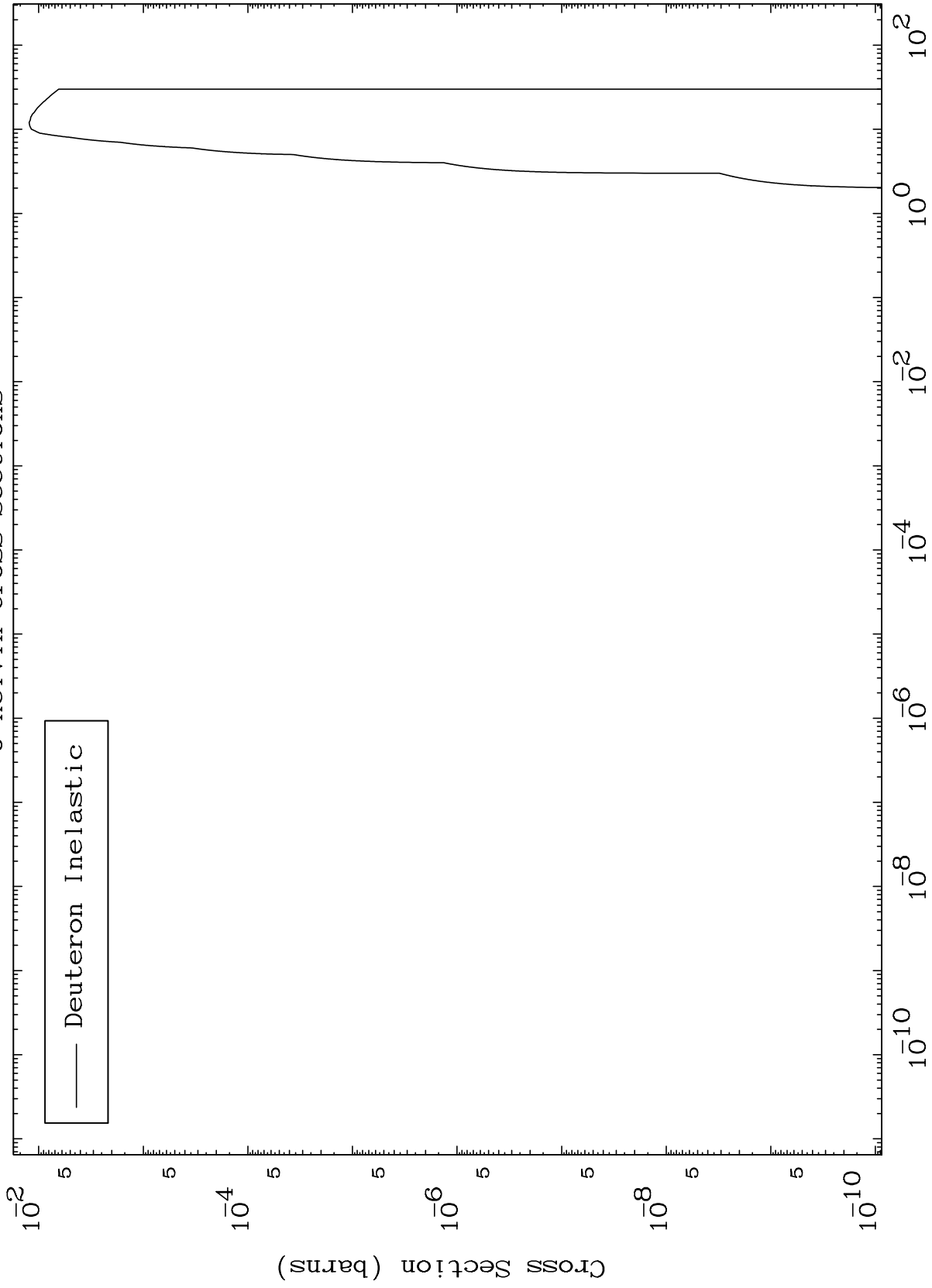
5

71-Lu-180

MAT 7140

(d,n') Level
0 Kelvin Cross Sections

71-Lu-180

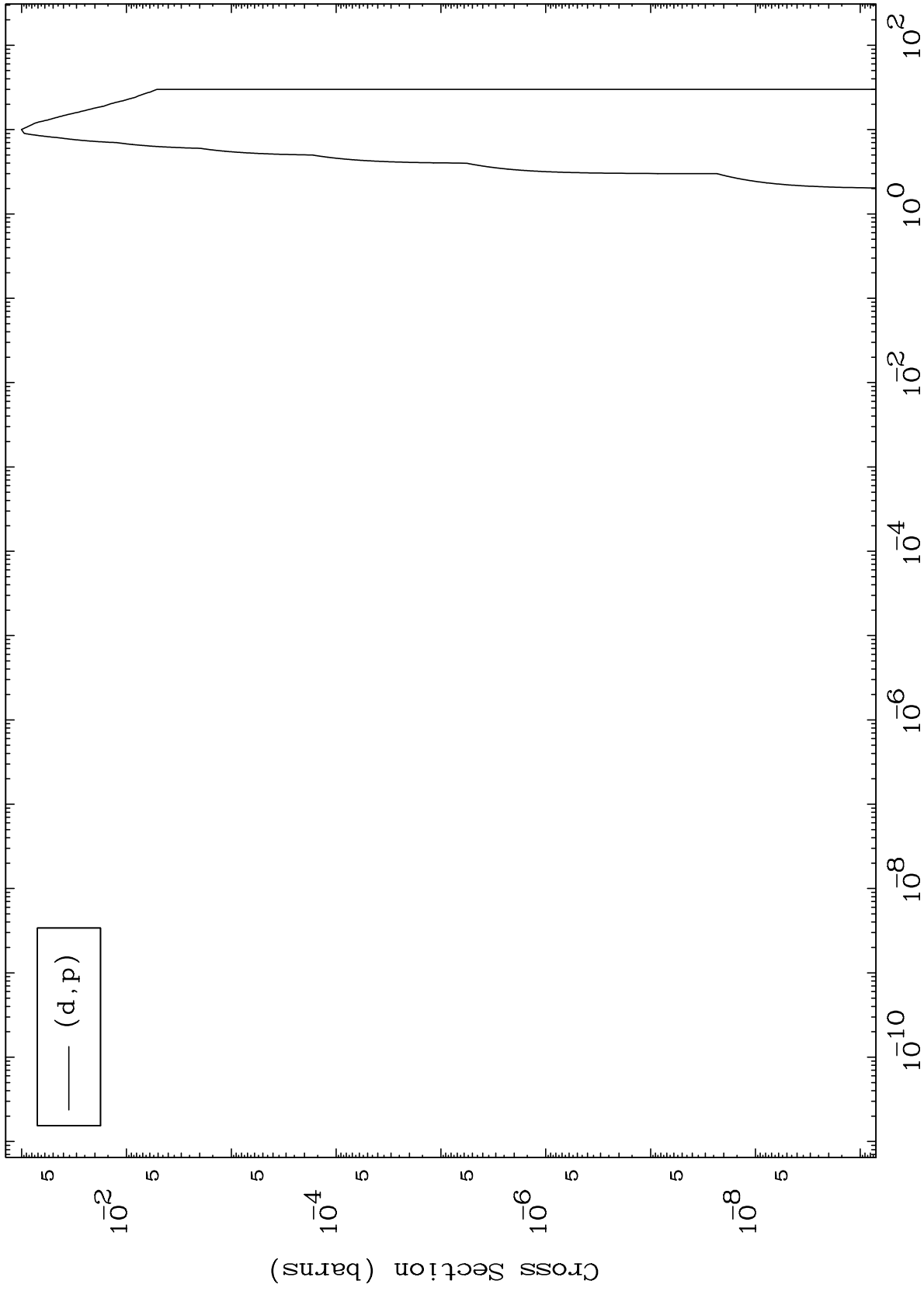


71-Lu-180

MAT 7140

(d,p) Levels
0 Kelvin Cross Sections

71-Lu-180



7

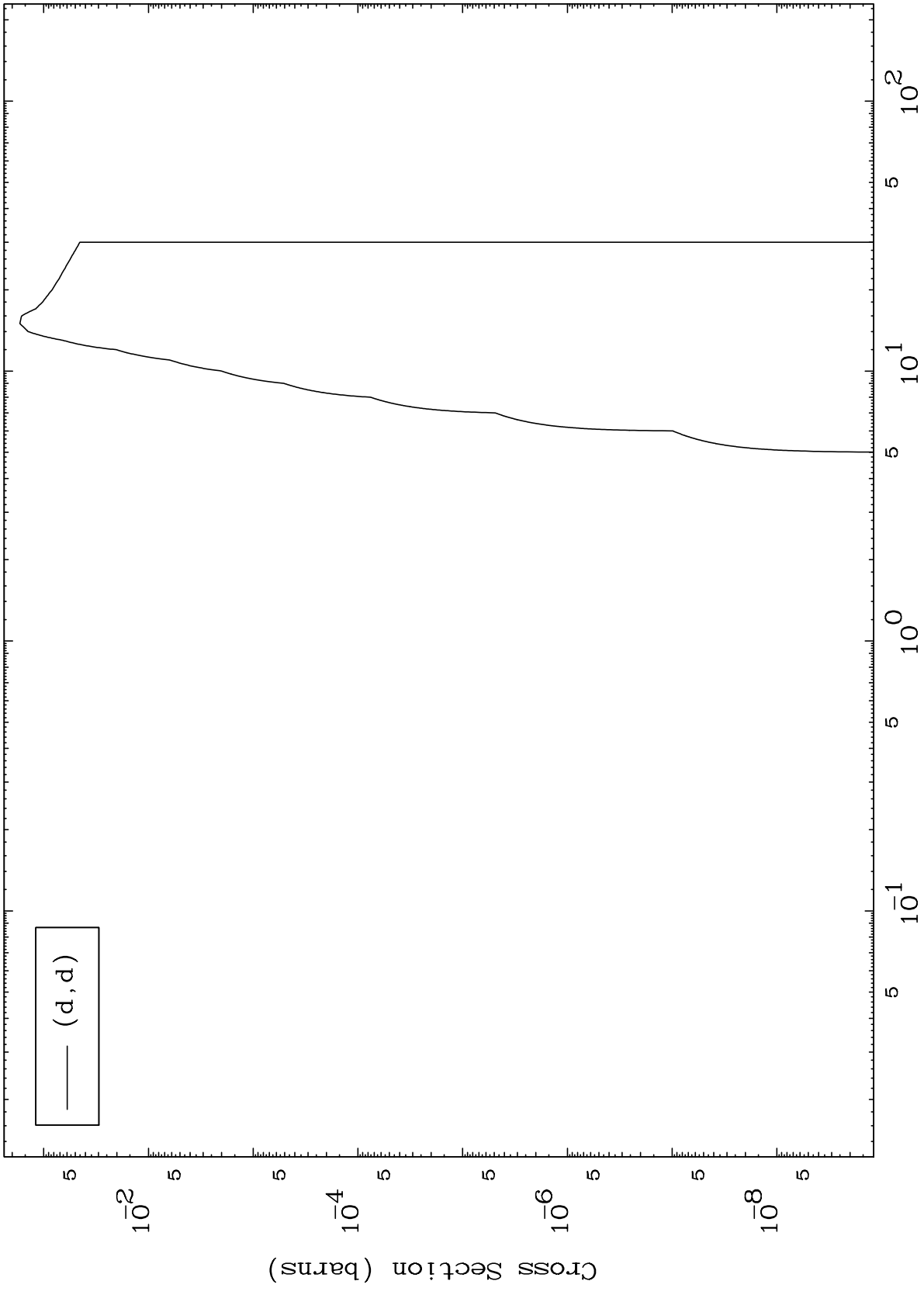
Incident Energy (MeV)

71-Lu-180

MAT 7140

(d,d) Levels
0 Kelvin Cross Sections

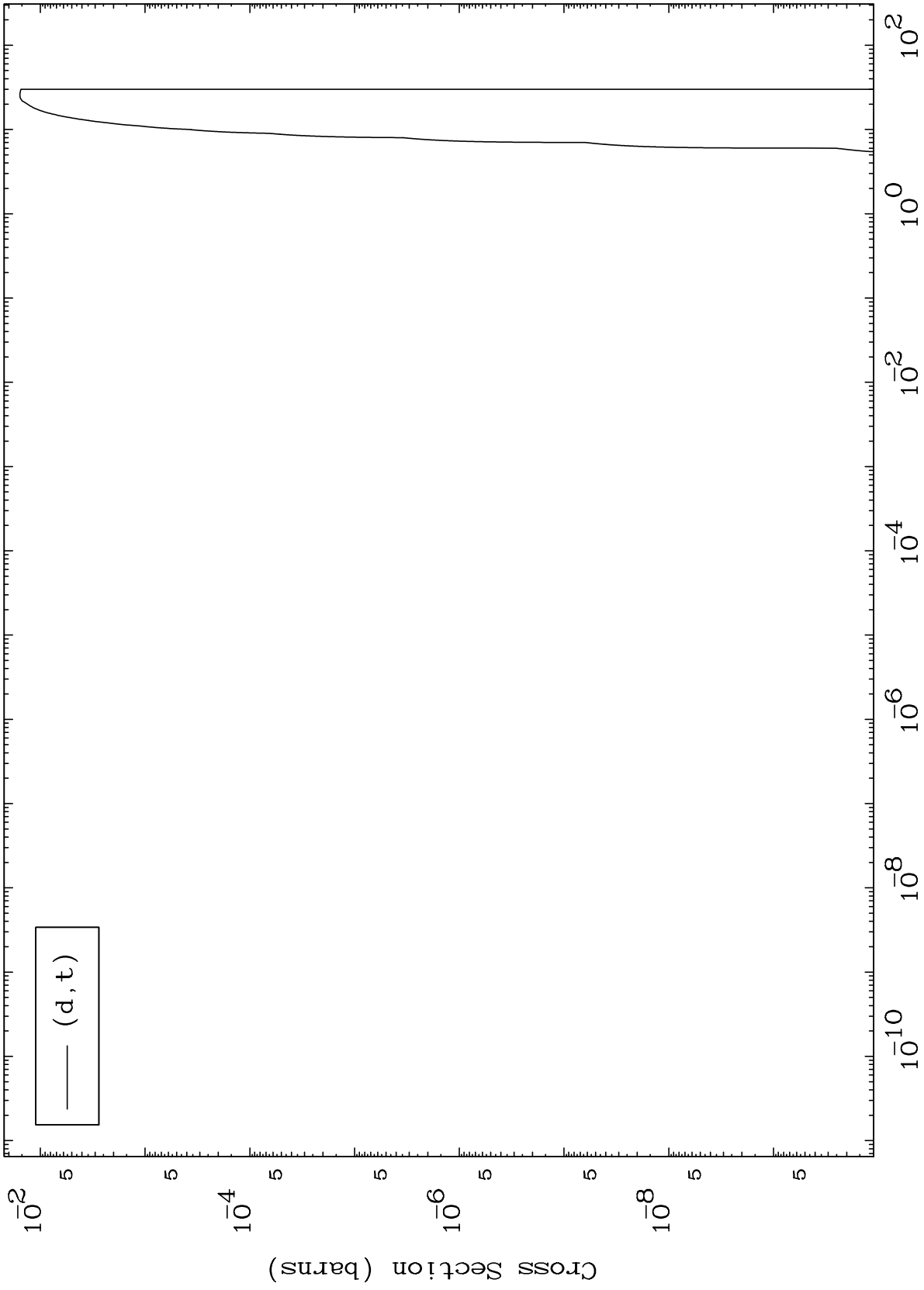
71-Lu-180



MAT 7140

(d,t) Levels
0 Kelvin Cross Sections

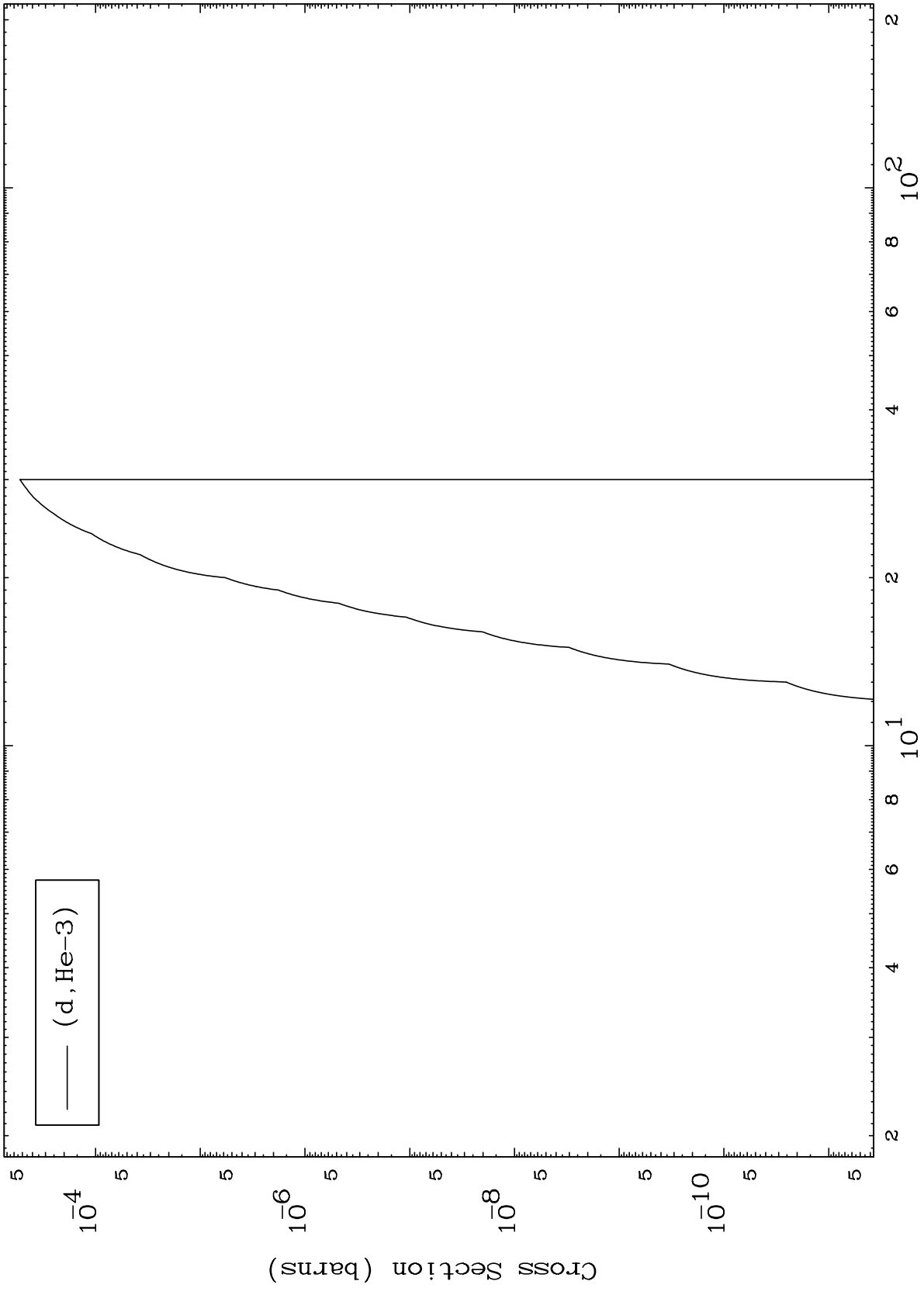
71-Lu-180



MAT 7140

(d,He3) Levels
0 Kelvin Cross Sections

71-Lu-180



10

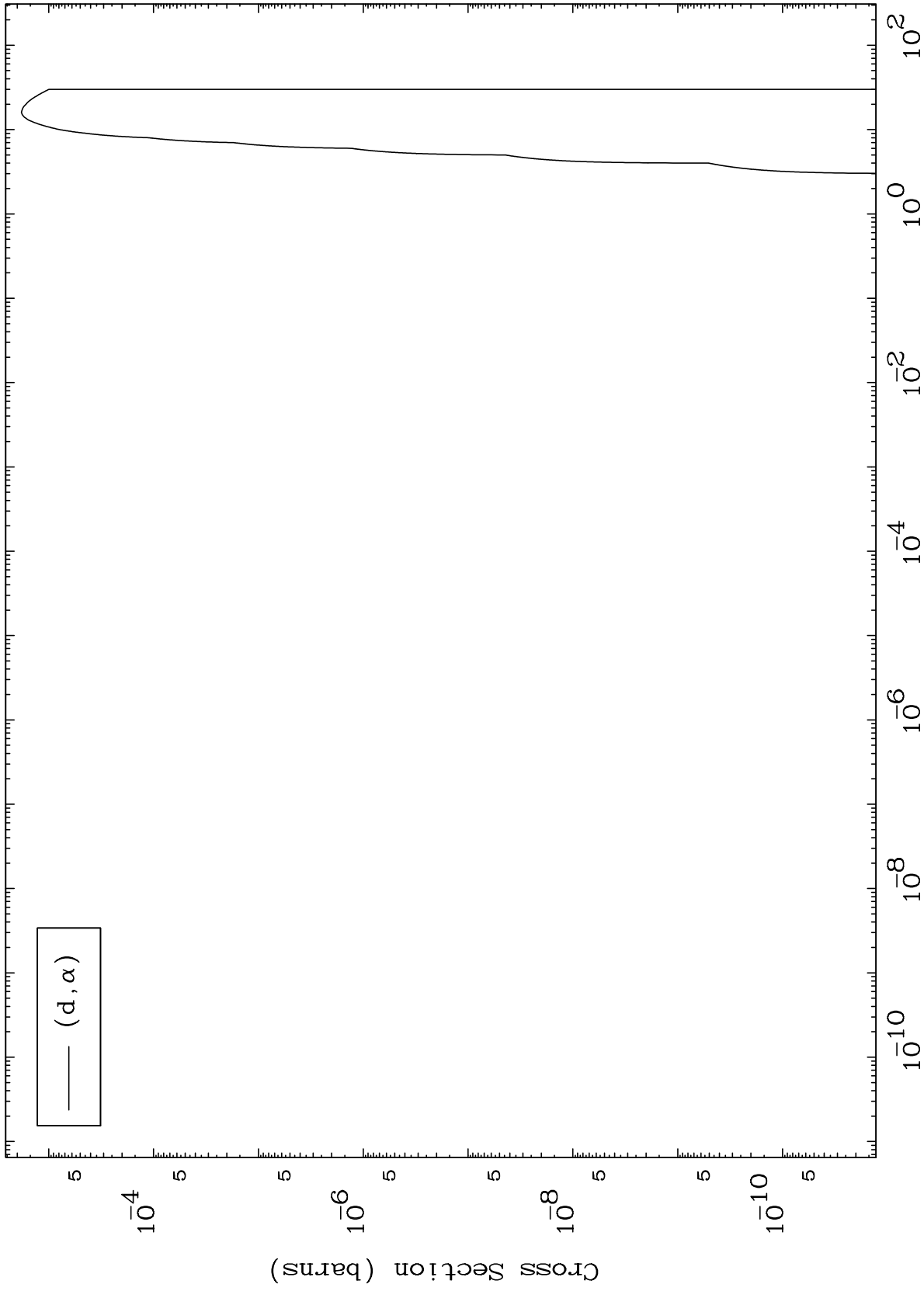
Incident Energy (MeV)

71-Lu-180

MAT 7140

(d, α) Levels
0 Kelvin Cross Sections

71-Lu-180



11

Incident Energy (MeV)

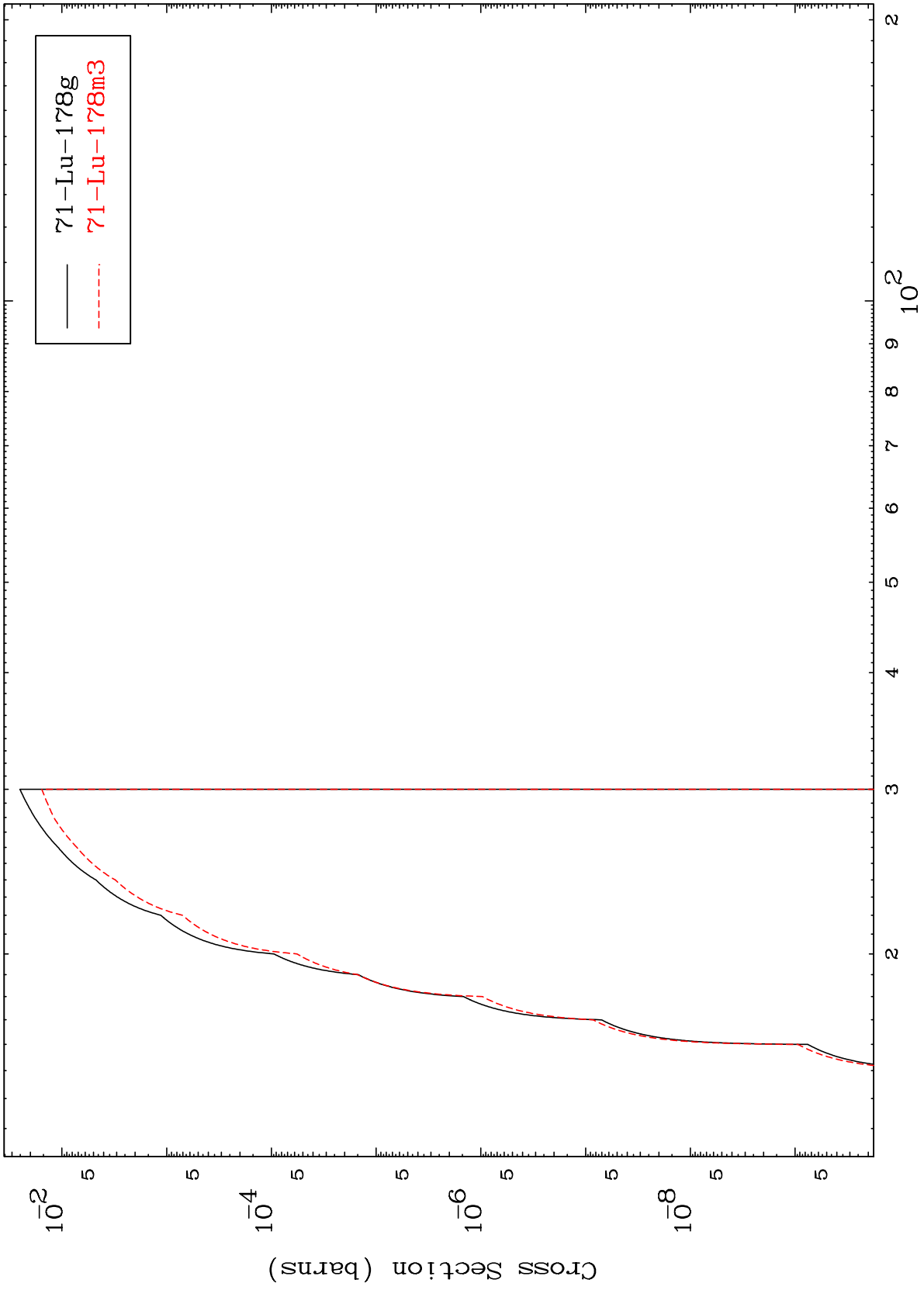
71-Lu-180

MAT 7140

(d,2n) d

⁷¹Lu-180

Radionuclide Production Cross Section



12

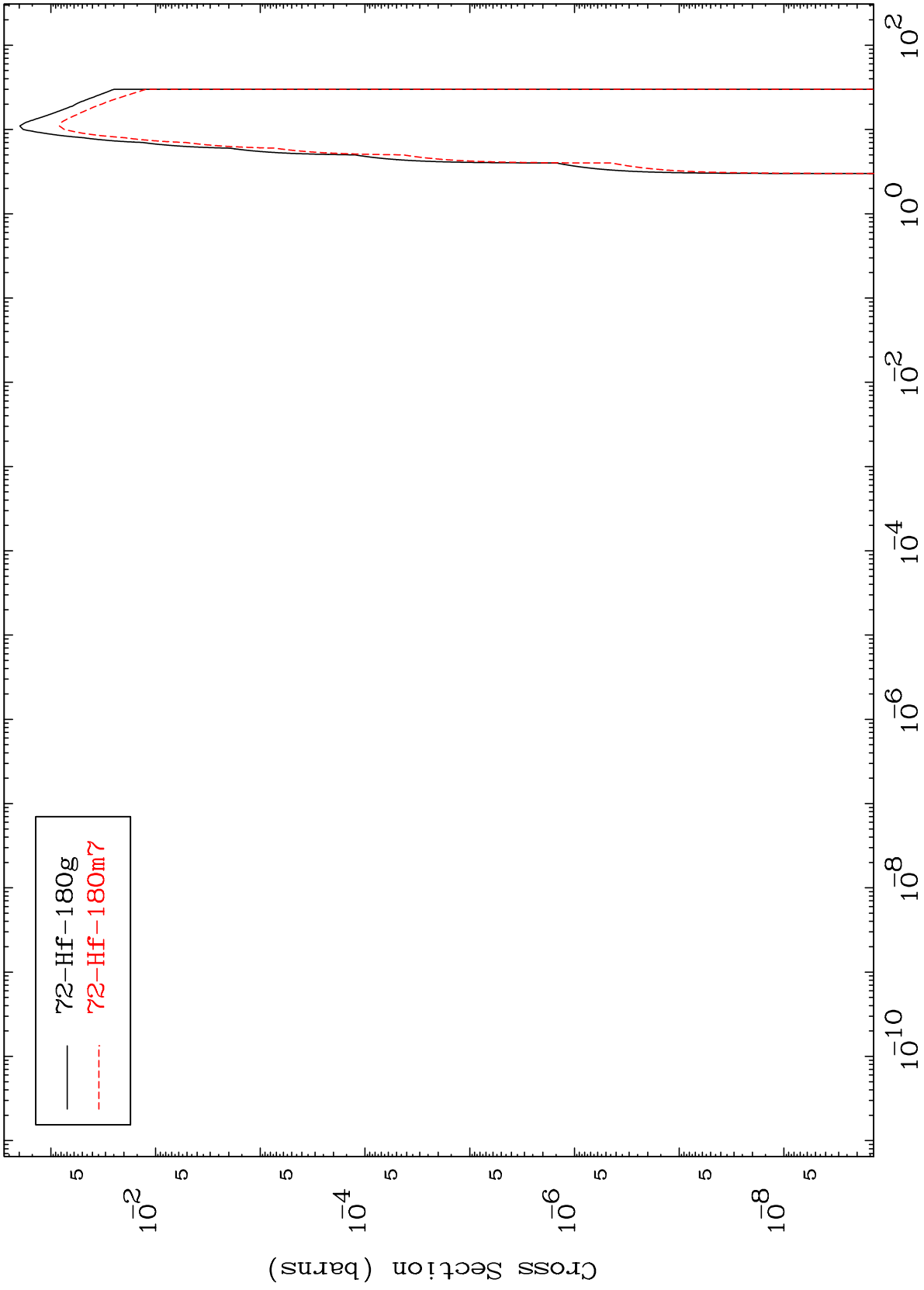
Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

Radionuclide Production Cross Section
(d,2n)

⁷¹Lu-180



13

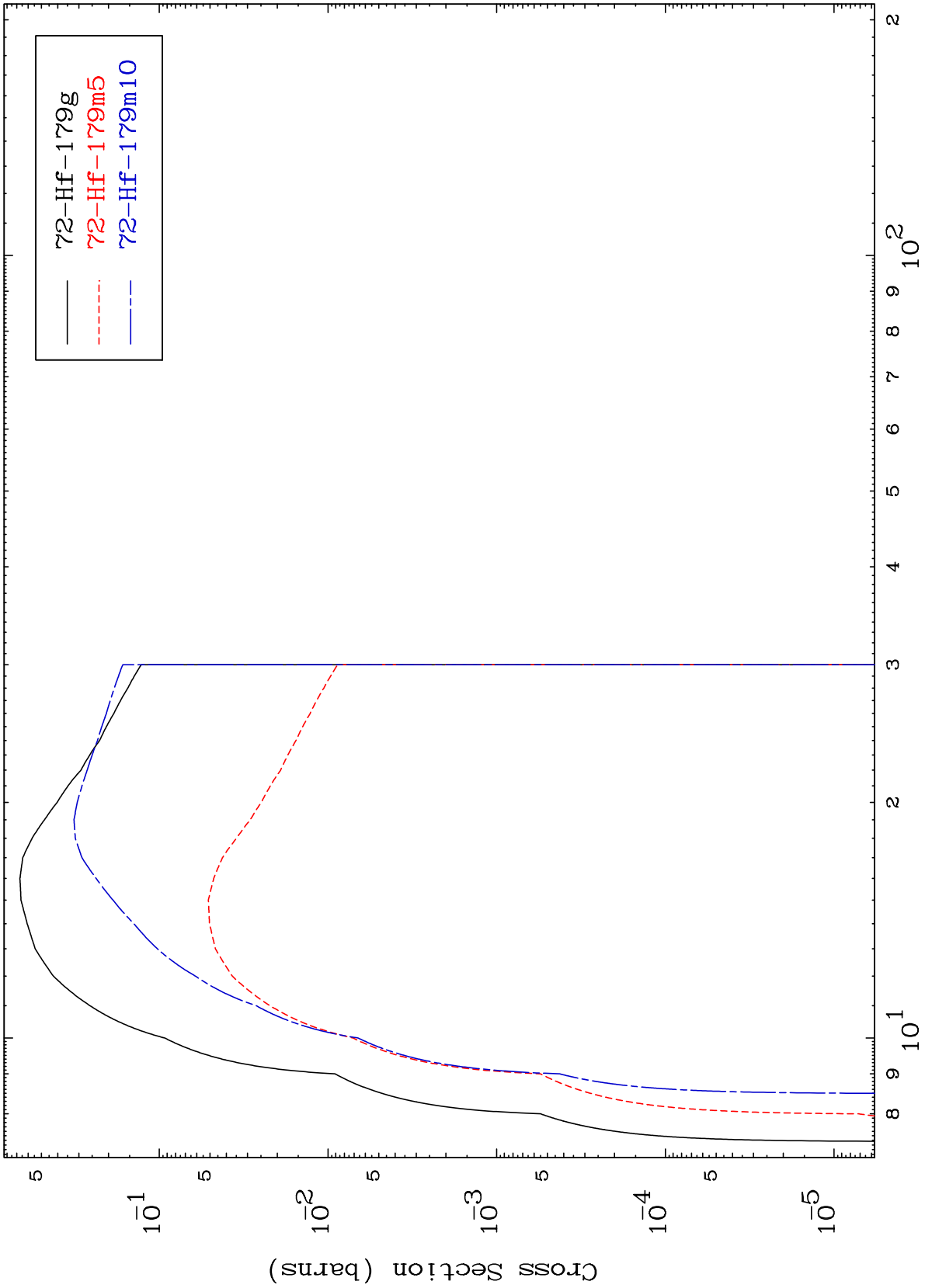
Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

71-Lu-180

(d,3n)
Radionuclide Production Cross Section



14

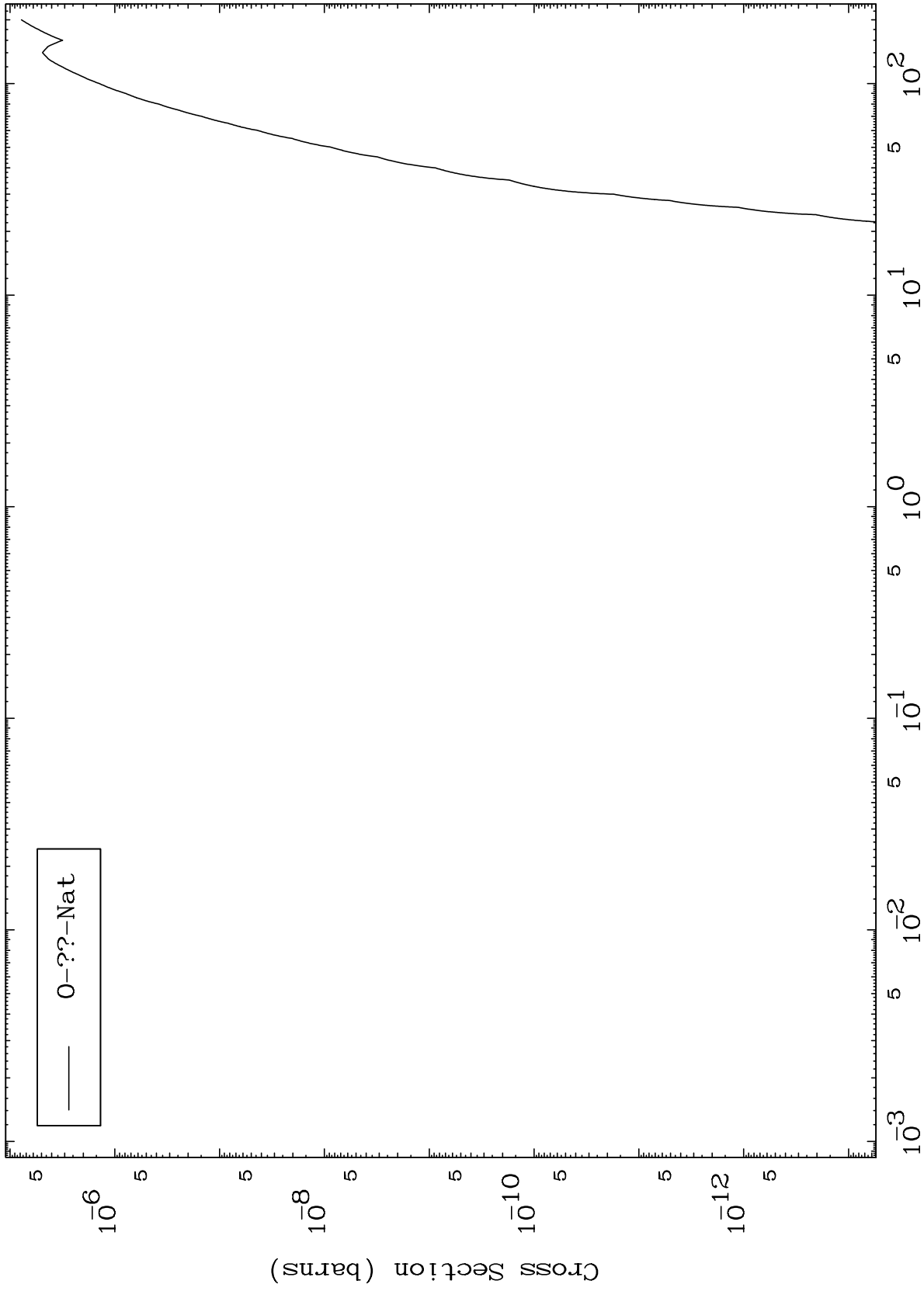
Incident Energy (MeV)

71-Lu-180

MAT 7140

Deuteron Fission
Radionuclide Production Cross Section

71-Lu-180



15

Incident Energy (MeV)

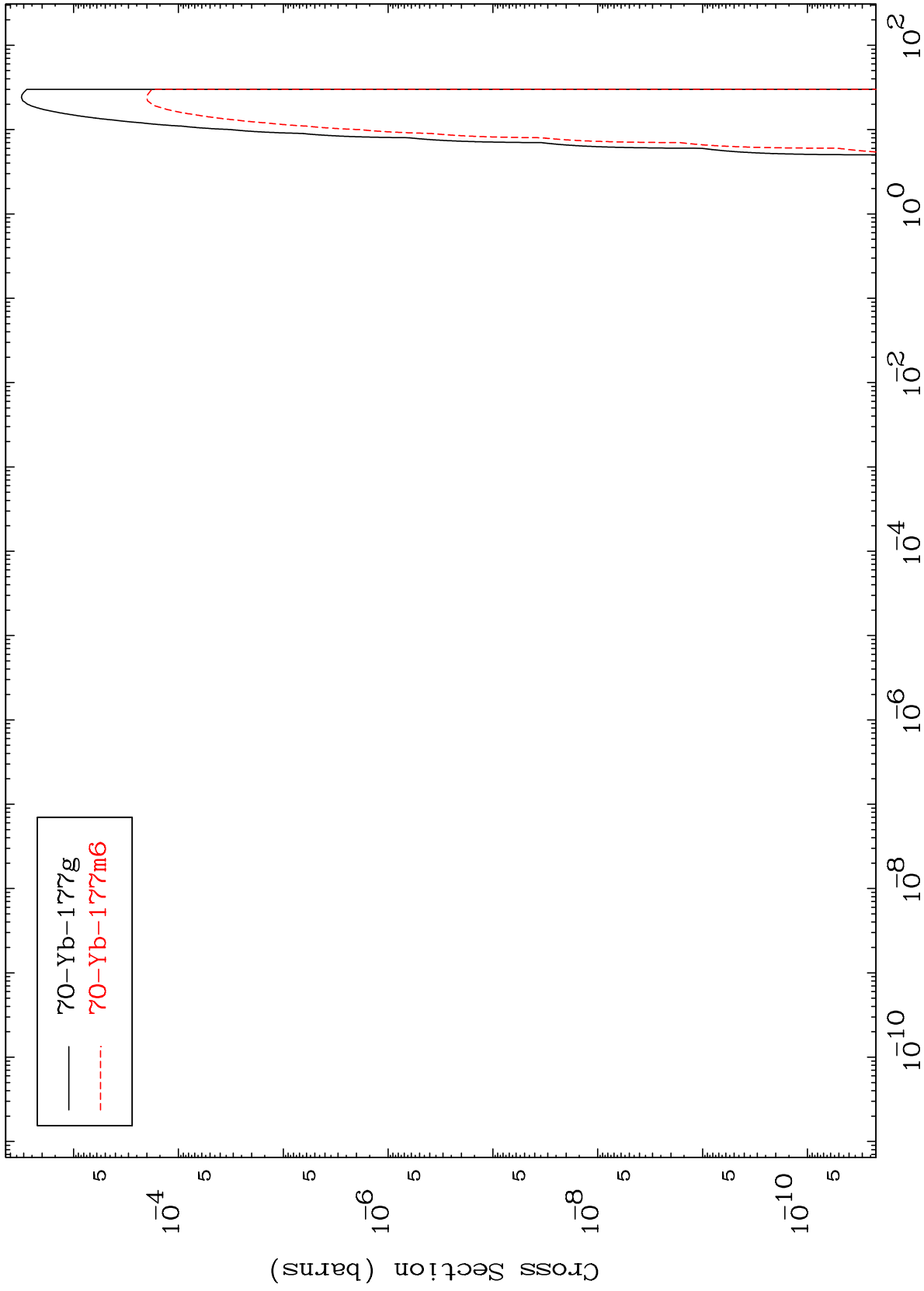
71-Lu-180

MAT 7140

(d,n') α

⁷¹Lu-180

Radionuclide Production Cross Section



16

Incident Energy (MeV)

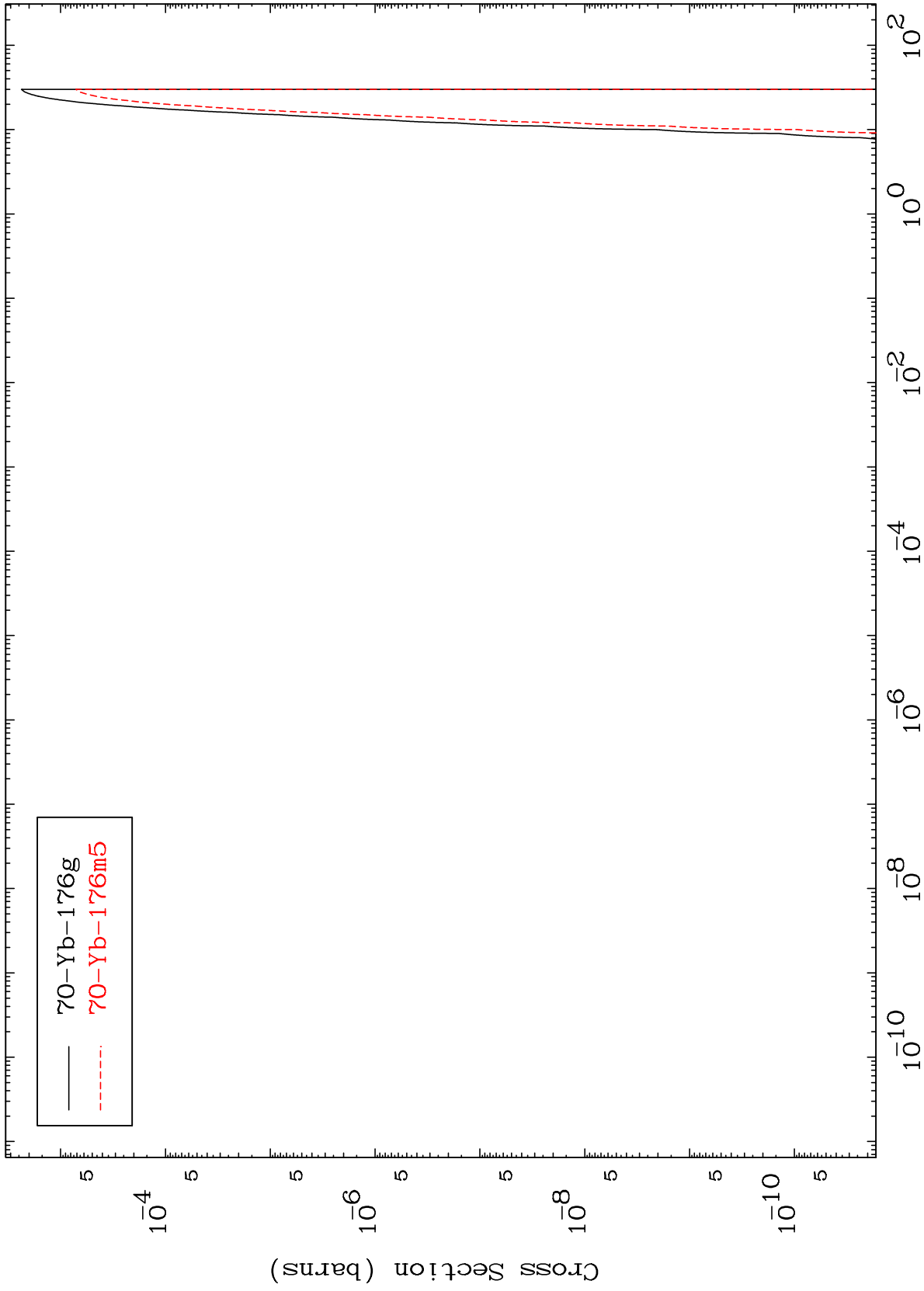
⁷¹Lu-180

MAT 7140

(d,2n) α

⁷¹Lu-180

Radionuclide Production Cross Section



17

Incident Energy (MeV)

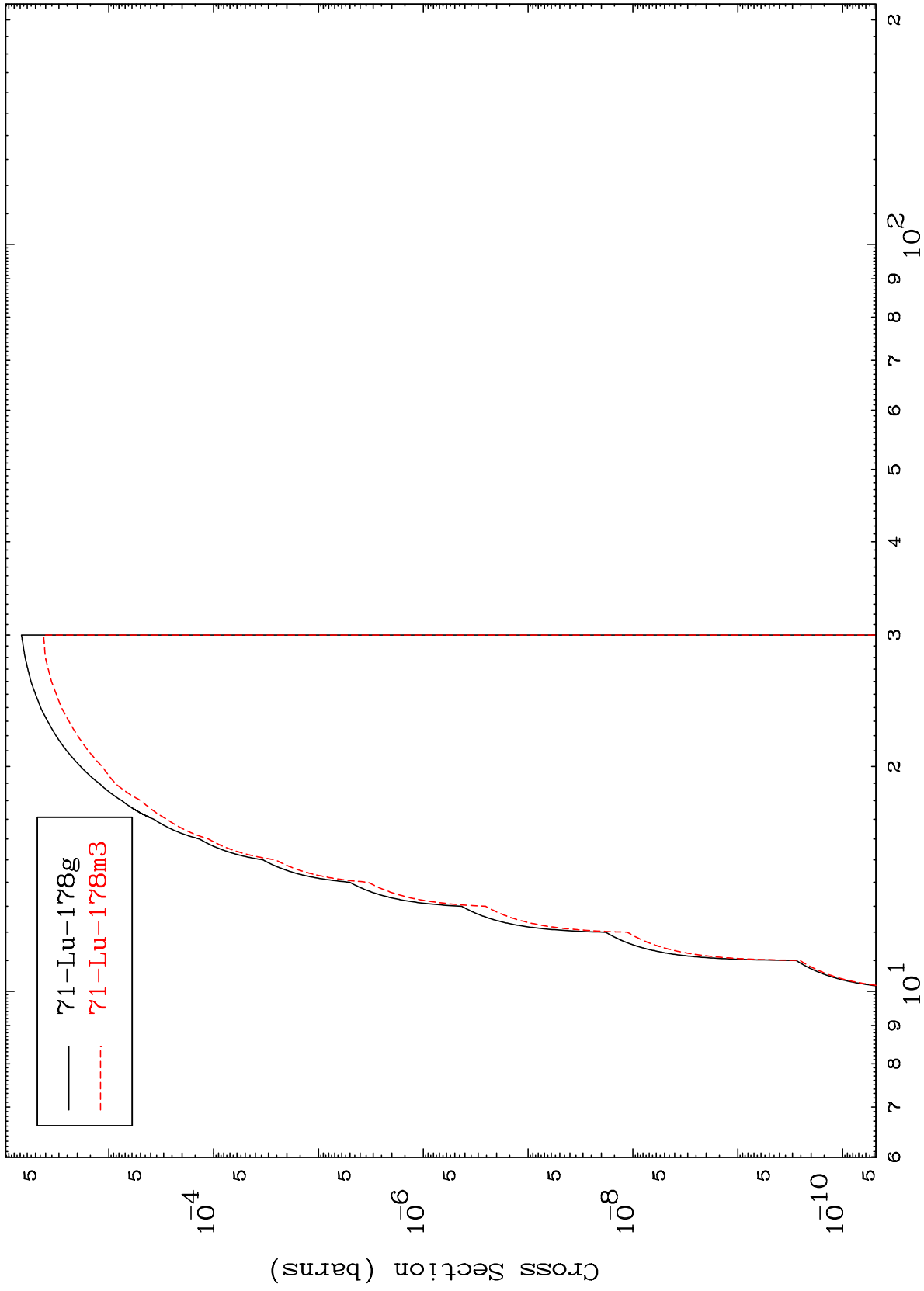
⁷¹Lu-180

MAT 7140

(d,n') t

⁷¹Lu-180

Radionuclide Production Cross Section

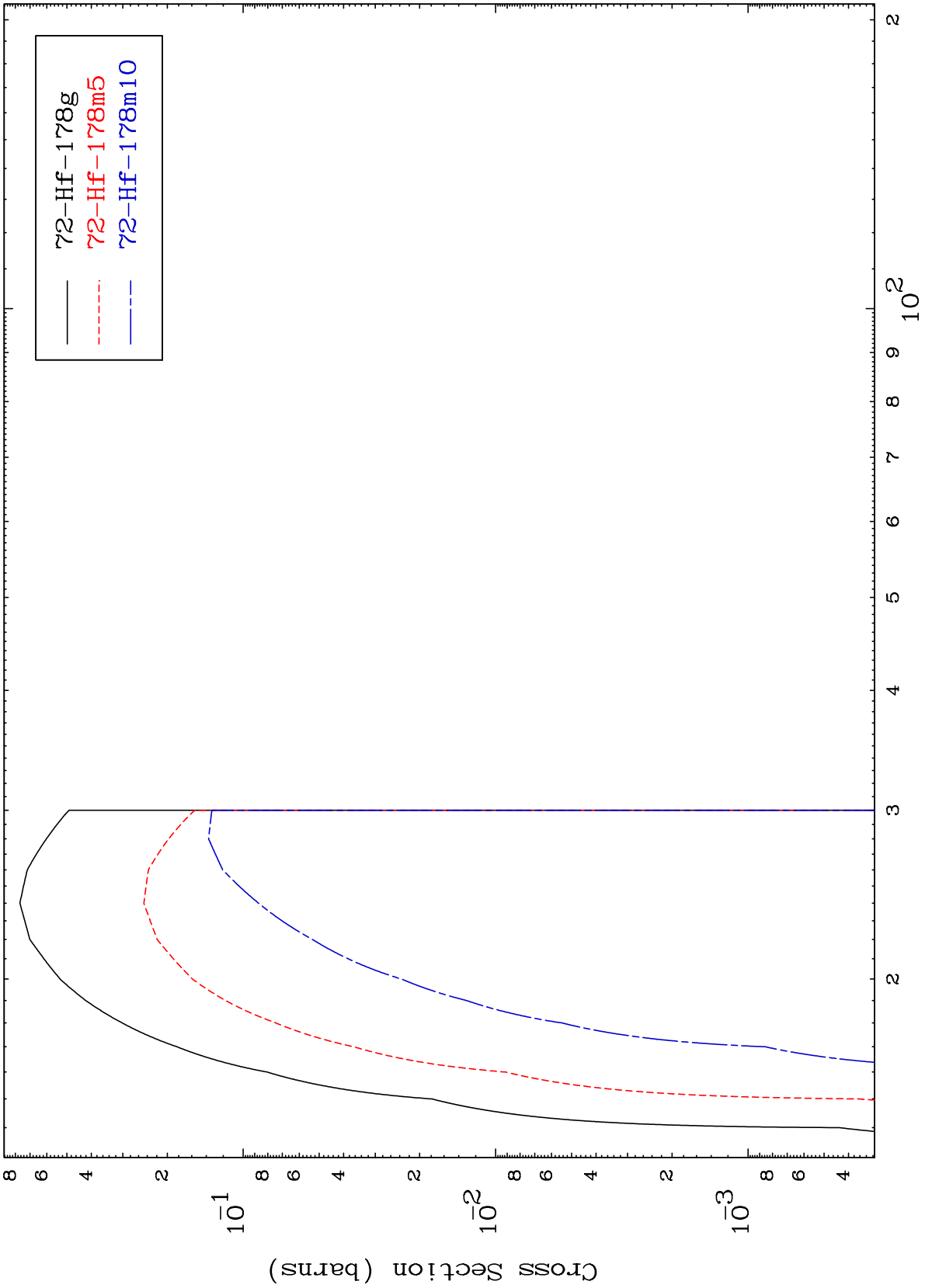


18

Incident Energy (MeV)

⁷¹Lu-180

Radionuclide Production Cross Section

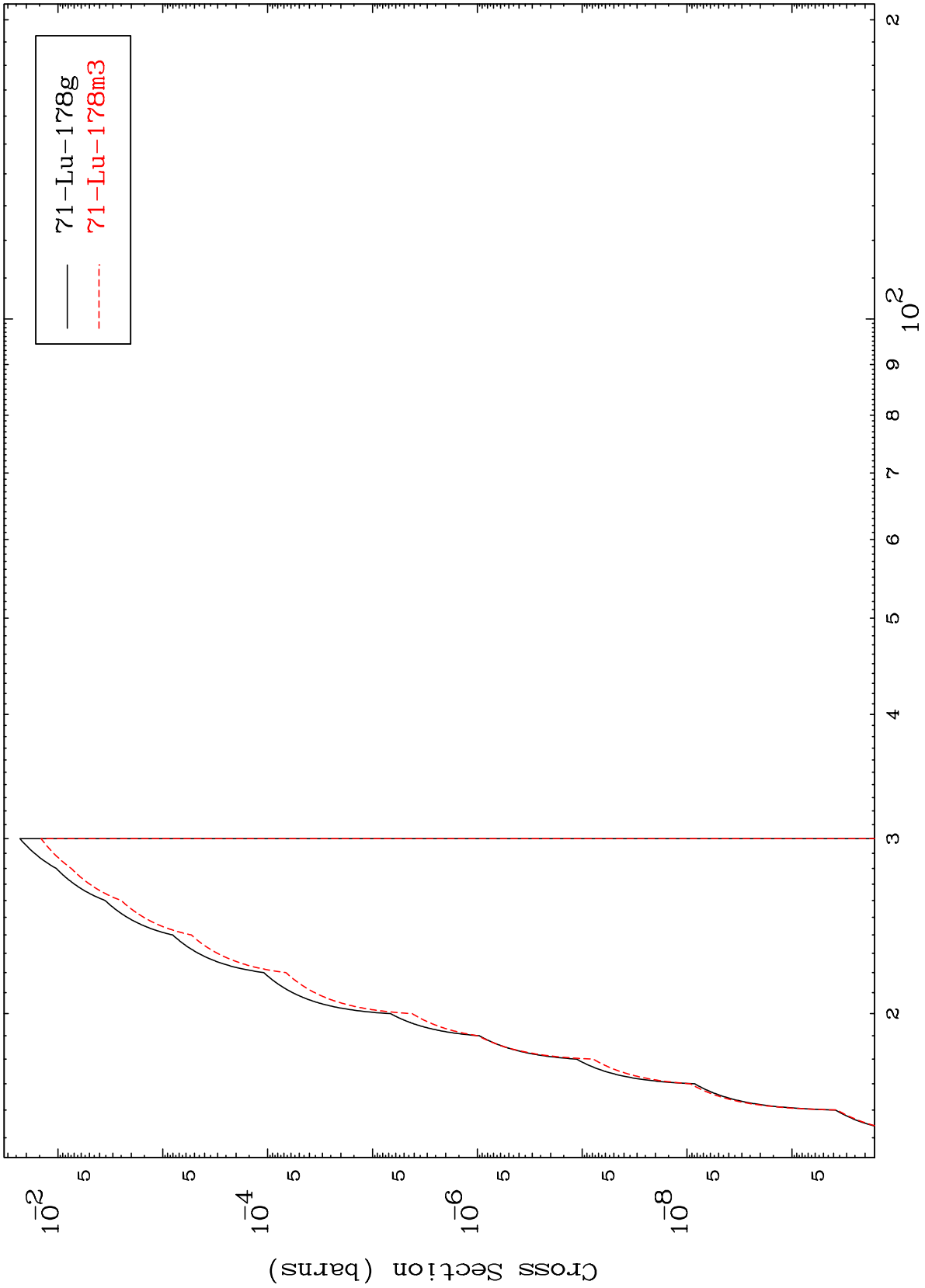


MAT 7140

(d,3n) p

⁷¹Lu-180

Radionuclide Production Cross Section



— ⁷¹Lu-178g
- - - ⁷¹Lu-178m3

20

Incident Energy (MeV)

⁷¹Lu-180

MAT 7140

Radionuclide Production Cross Section
(d, γ)

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

