

Program EVALPLOT
(Version 2018-1)

by

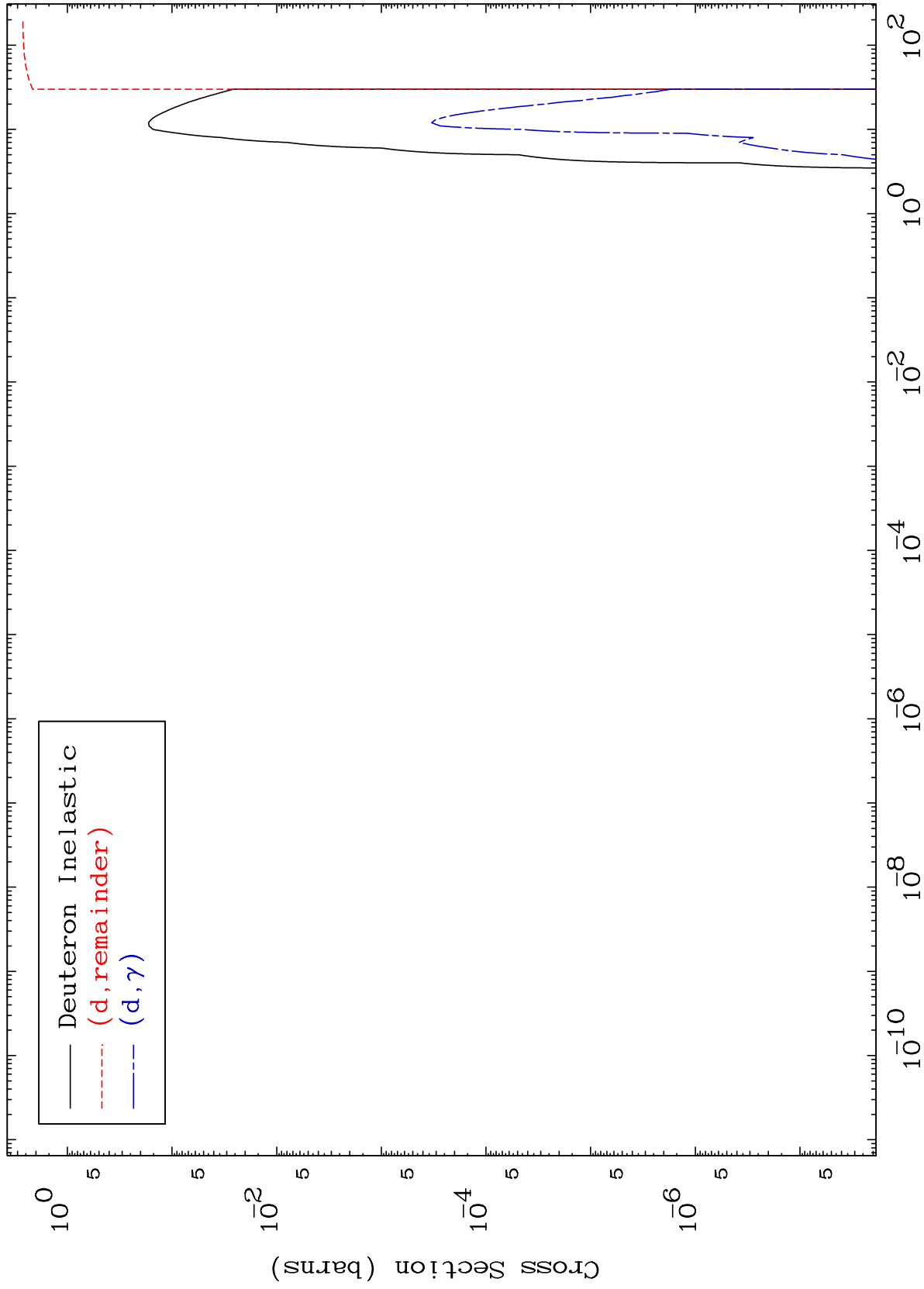
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

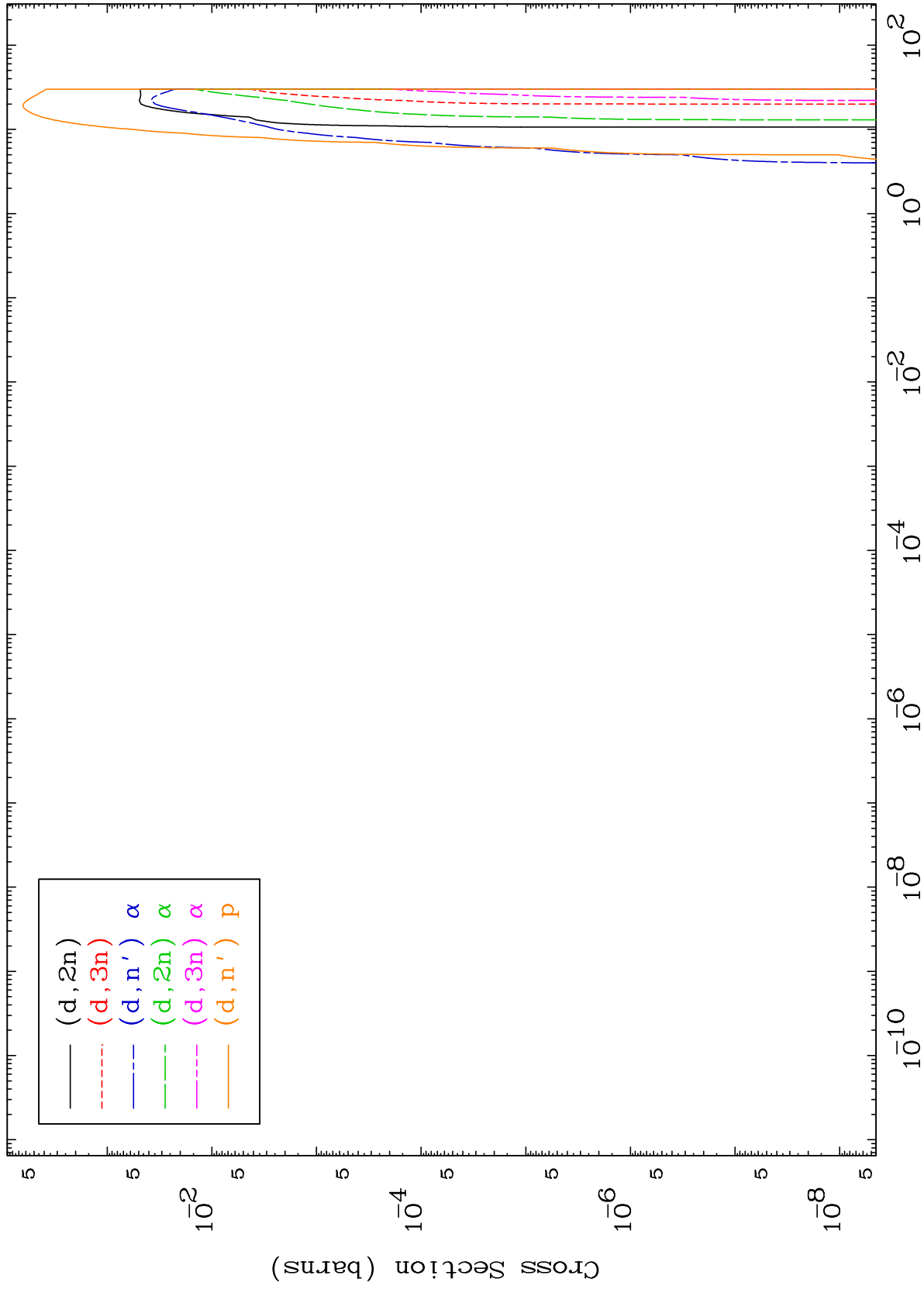
Press Mouse Button to Start



MAT 7072

Deuteron Neutron Production
0 Kelvin Cross Sections

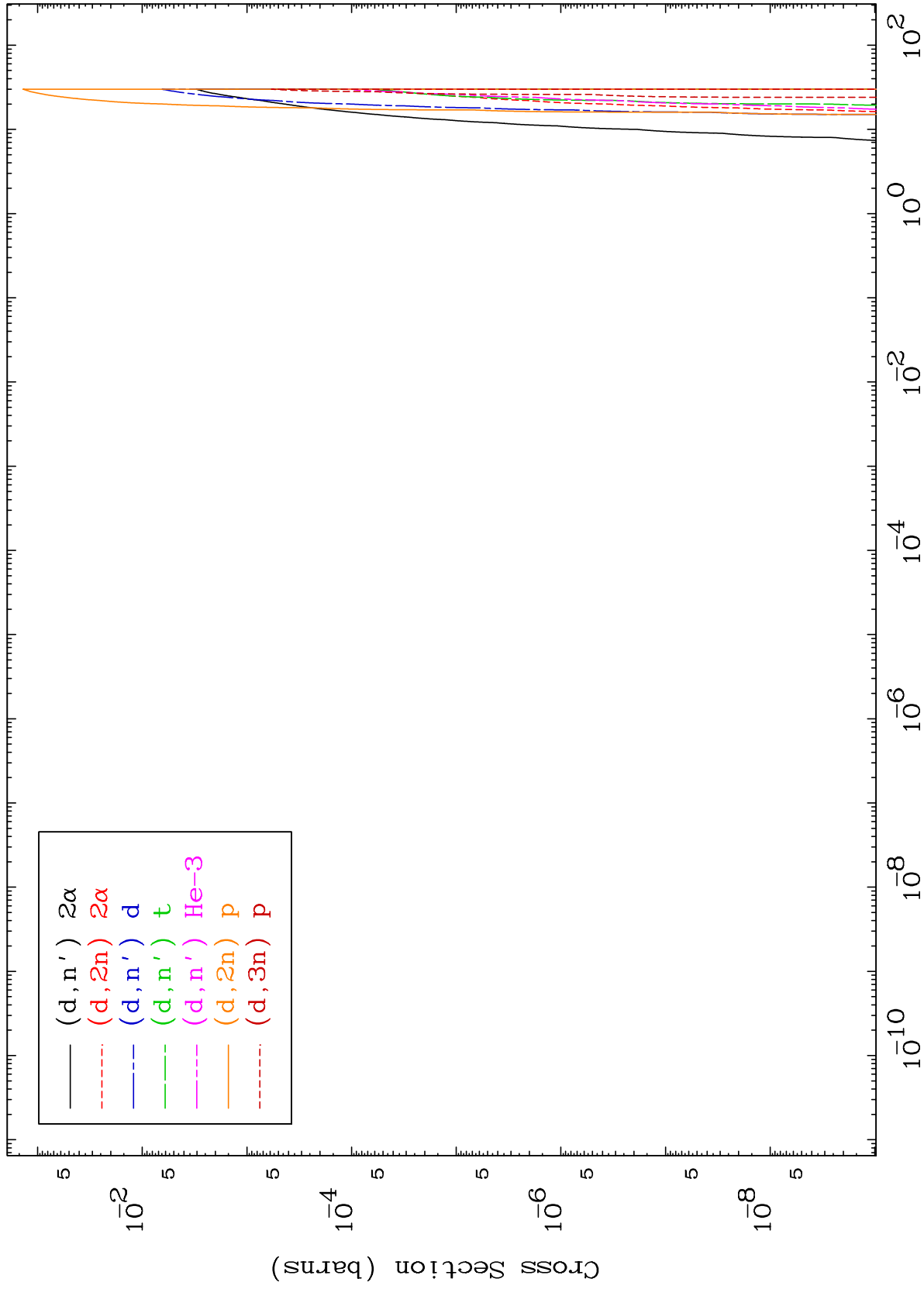
71-Lu-157



2

Incident Energy (MeV)

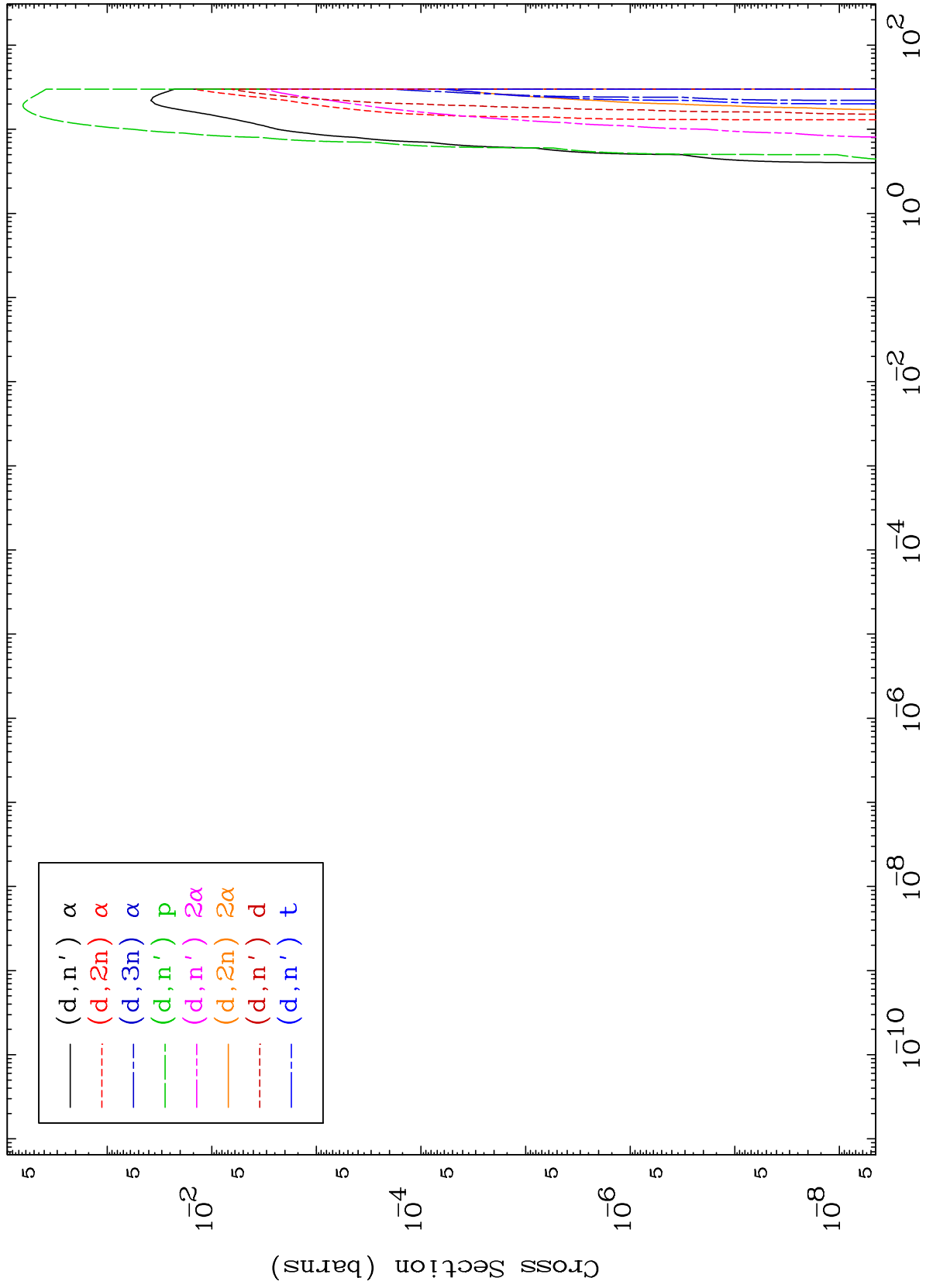
71-Lu-157

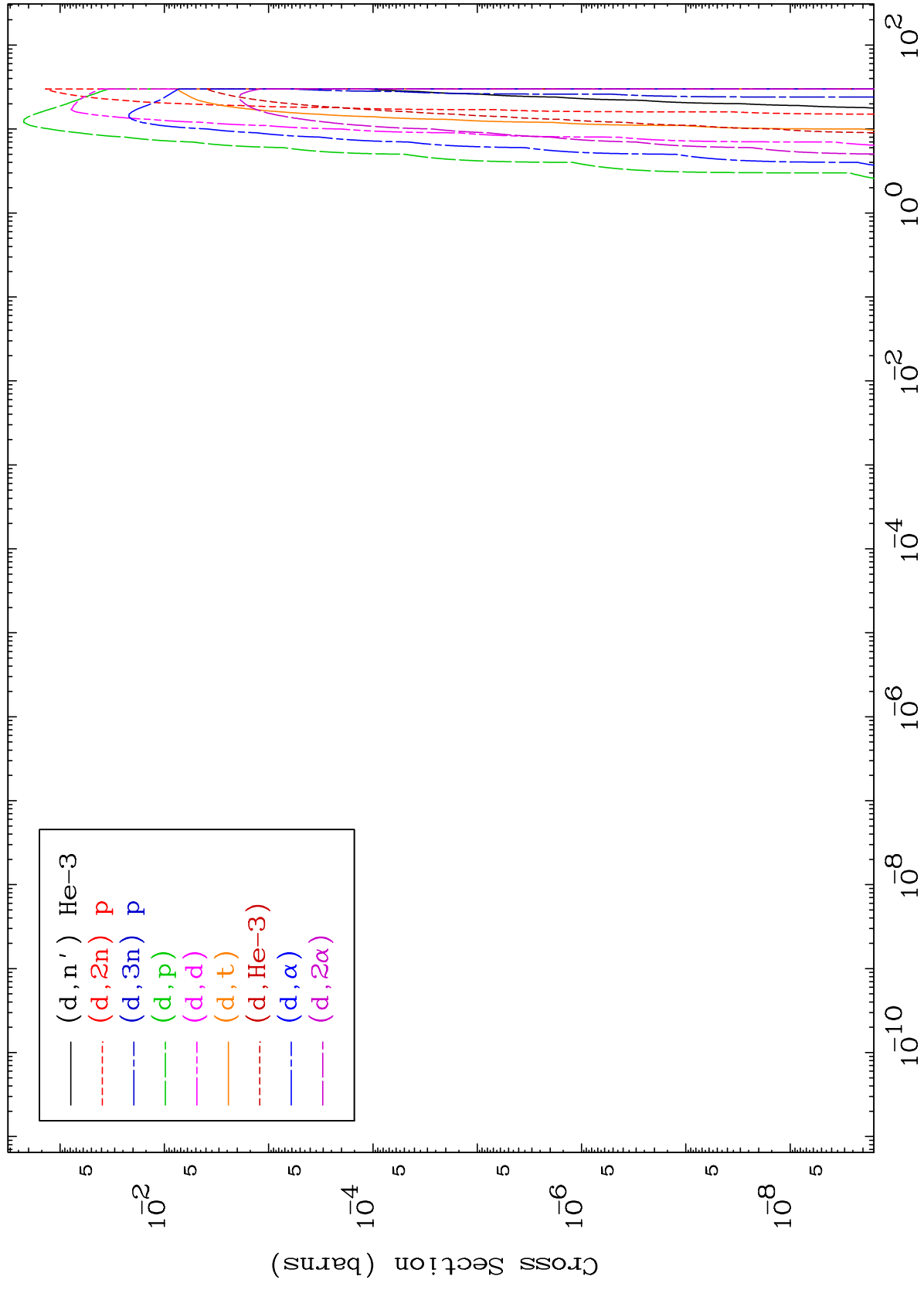


MAT 7072

Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-157

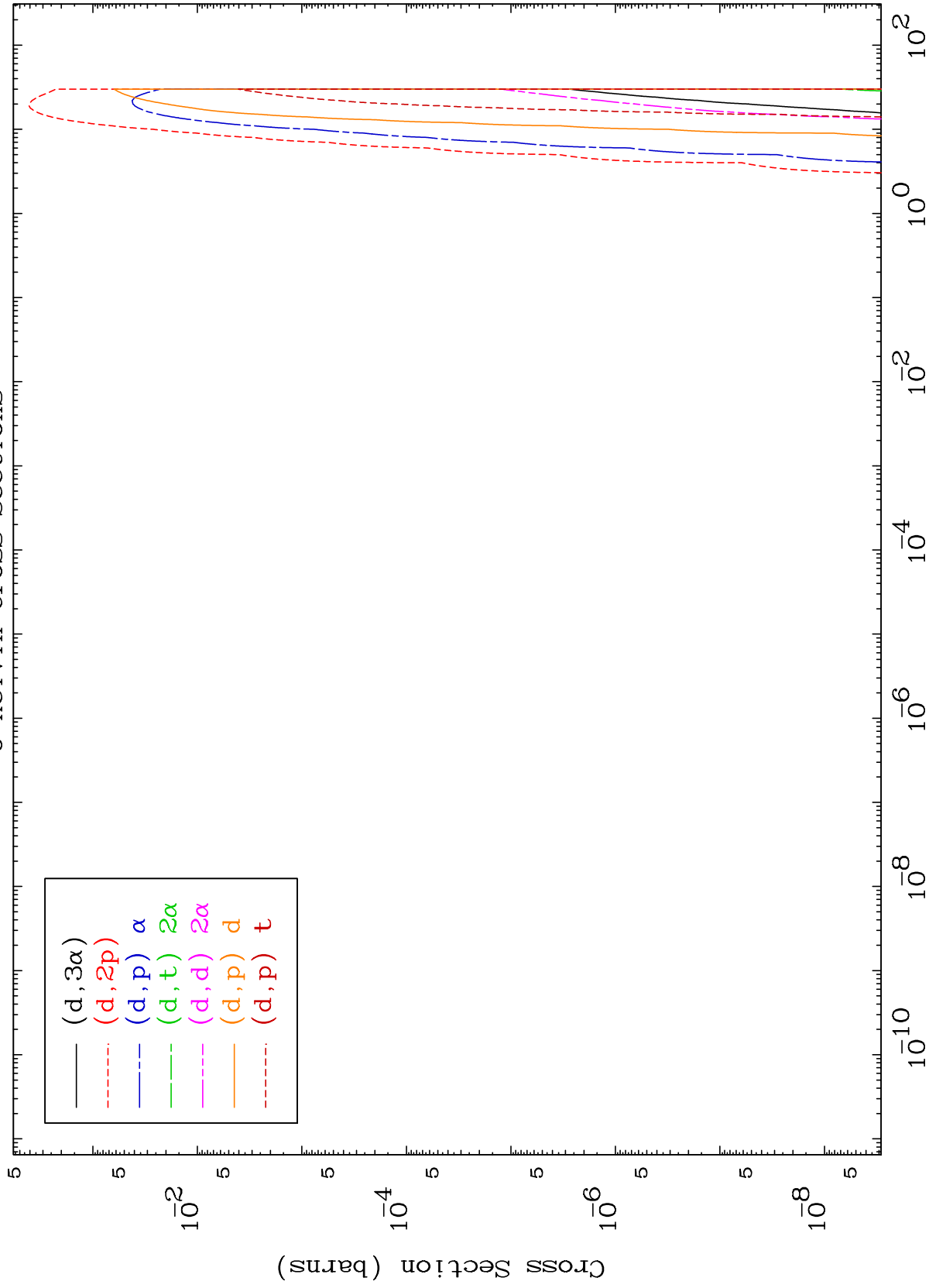




MAT 7072

Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-157



6

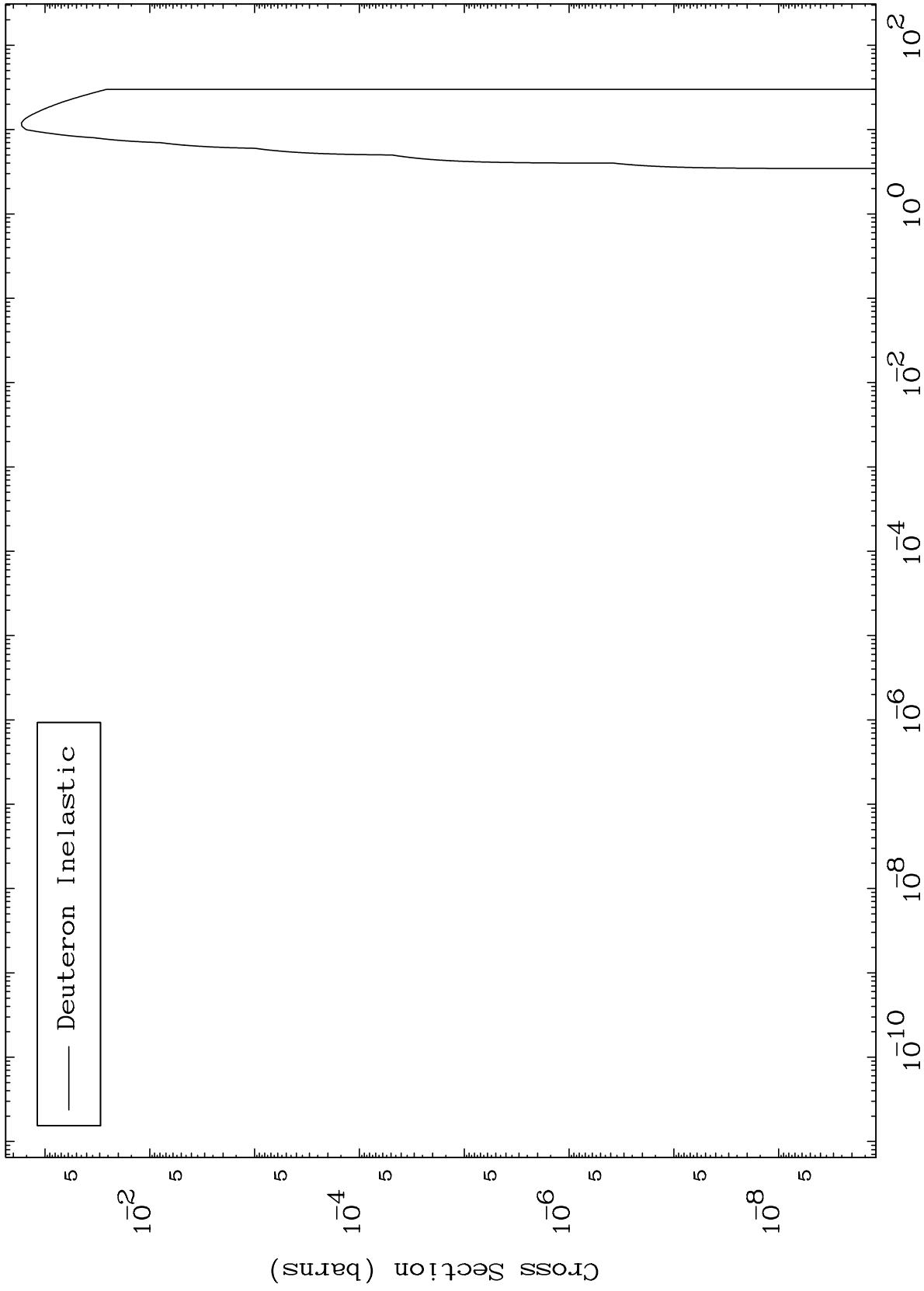
Incident Energy (MeV)

71-Lu-157

MAT 7072

(d,n') Level
0 Kelvin Cross Sections

71-Lu-157

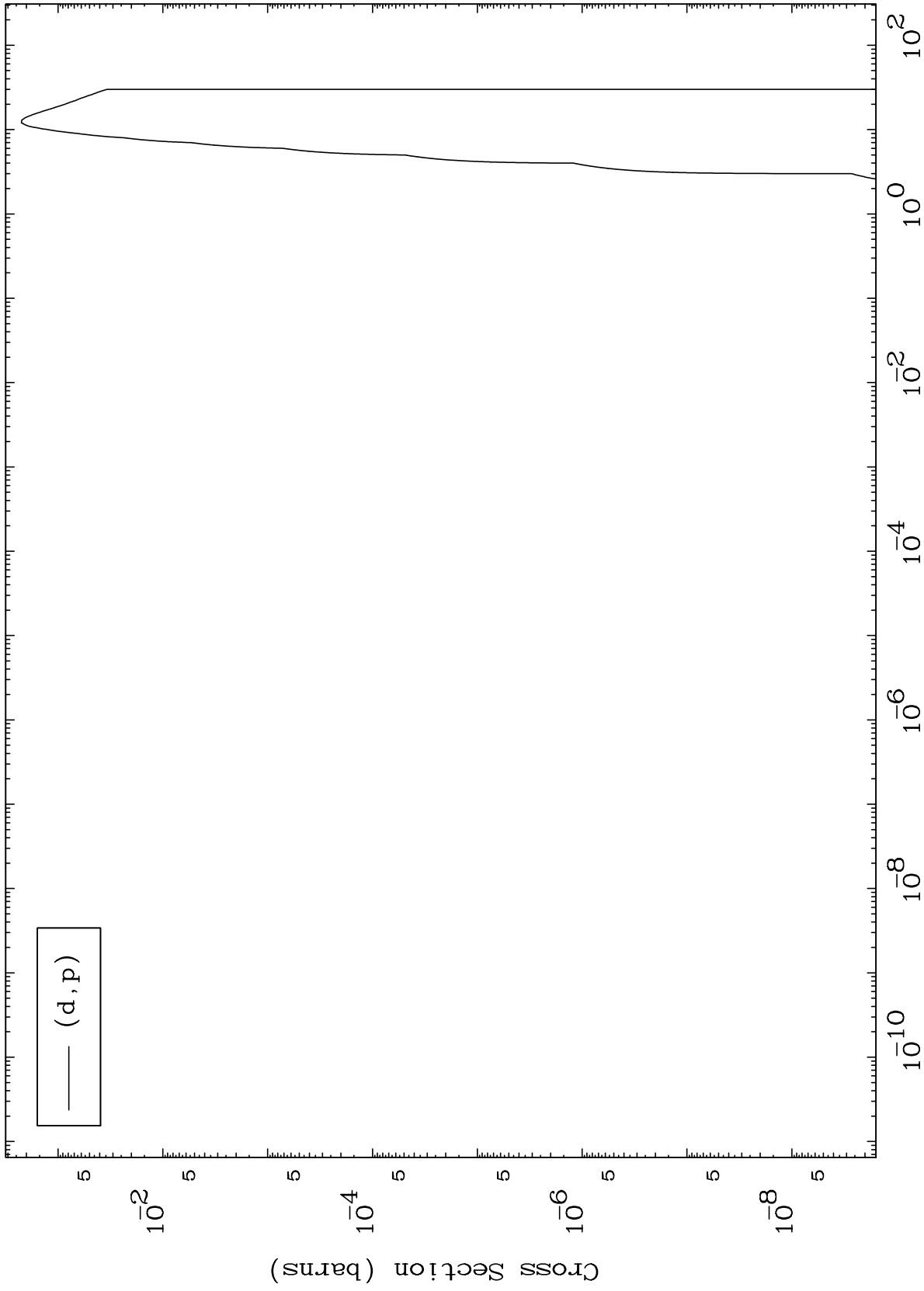


— Deuteron Inelastic

MAT 7072

(d,p) Levels
0 Kelvin Cross Sections

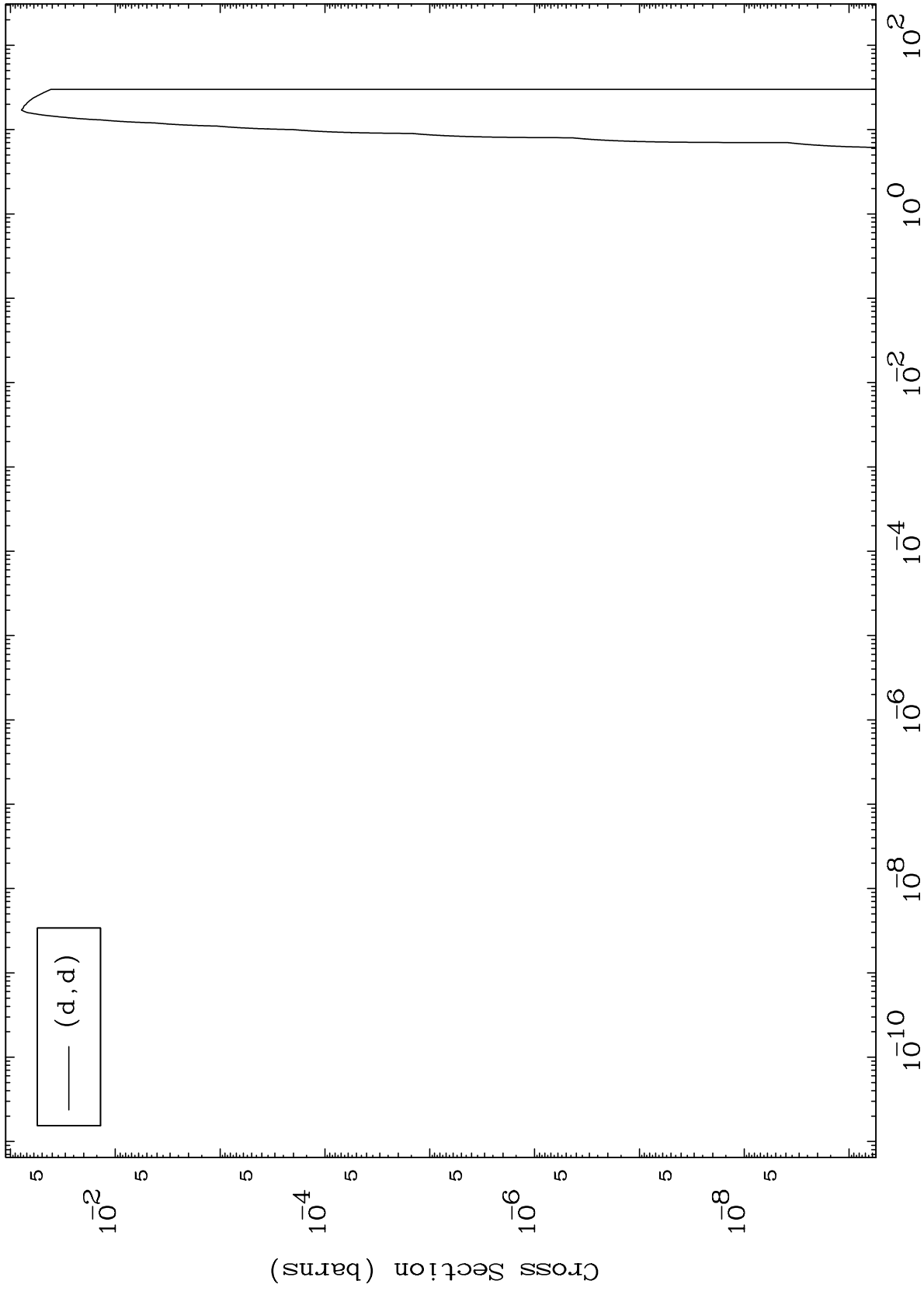
71-Lu-157



8

Incident Energy (MeV)

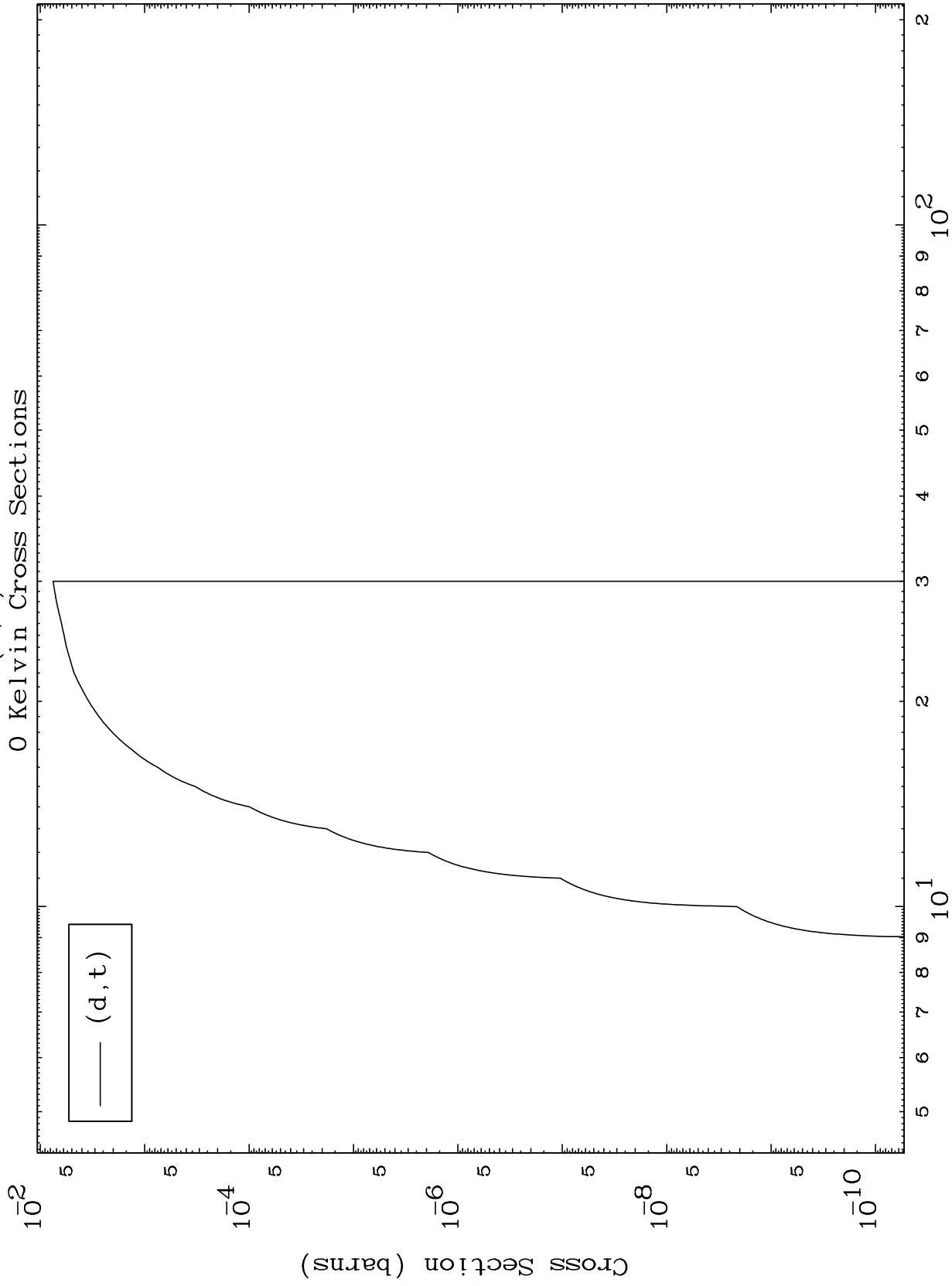
71-Lu-157



MAT 7072

(d,t) Levels
0 Kelvin Cross Sections

71-Lu-157



10

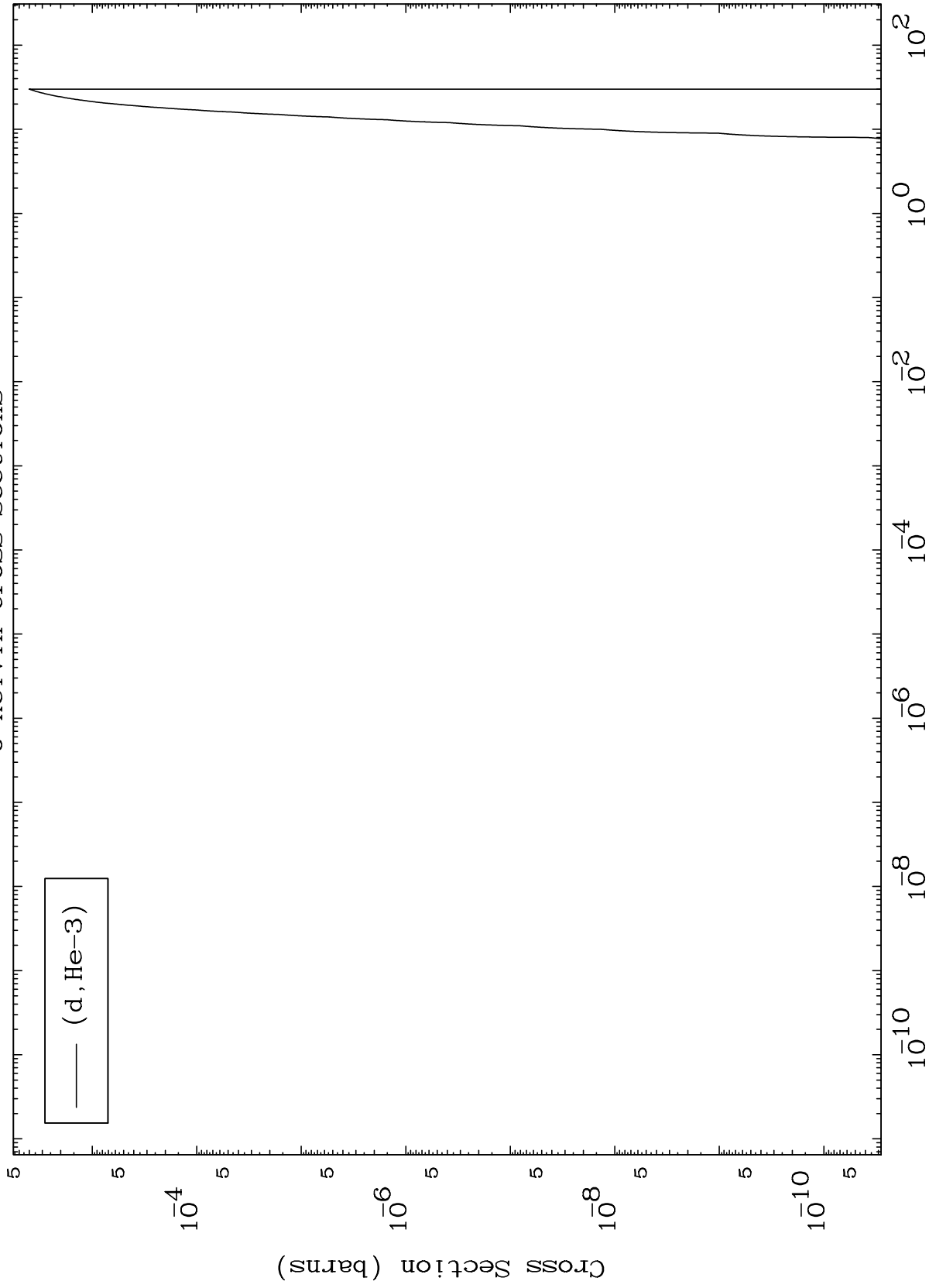
Incident Energy (MeV)

71-Lu-157

MAT 7072

(d,He3) Levels
0 Kelvin Cross Sections

71-Lu-157



11

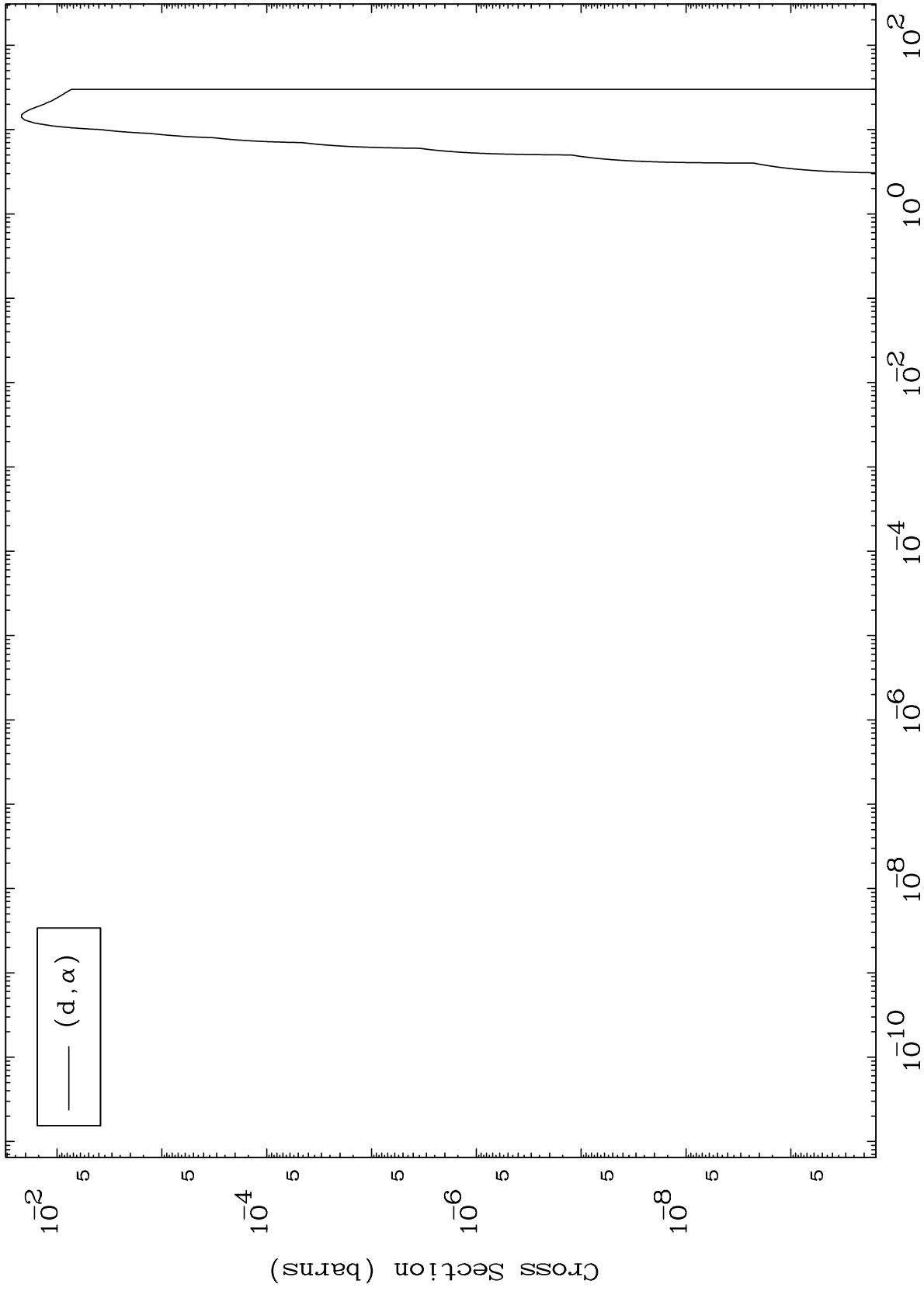
Incident Energy (MeV)

71-Lu-157

MAT 7072

(d, α) Levels
0 Kelvin Cross Sections

71-Lu-157



12

Incident Energy (MeV)

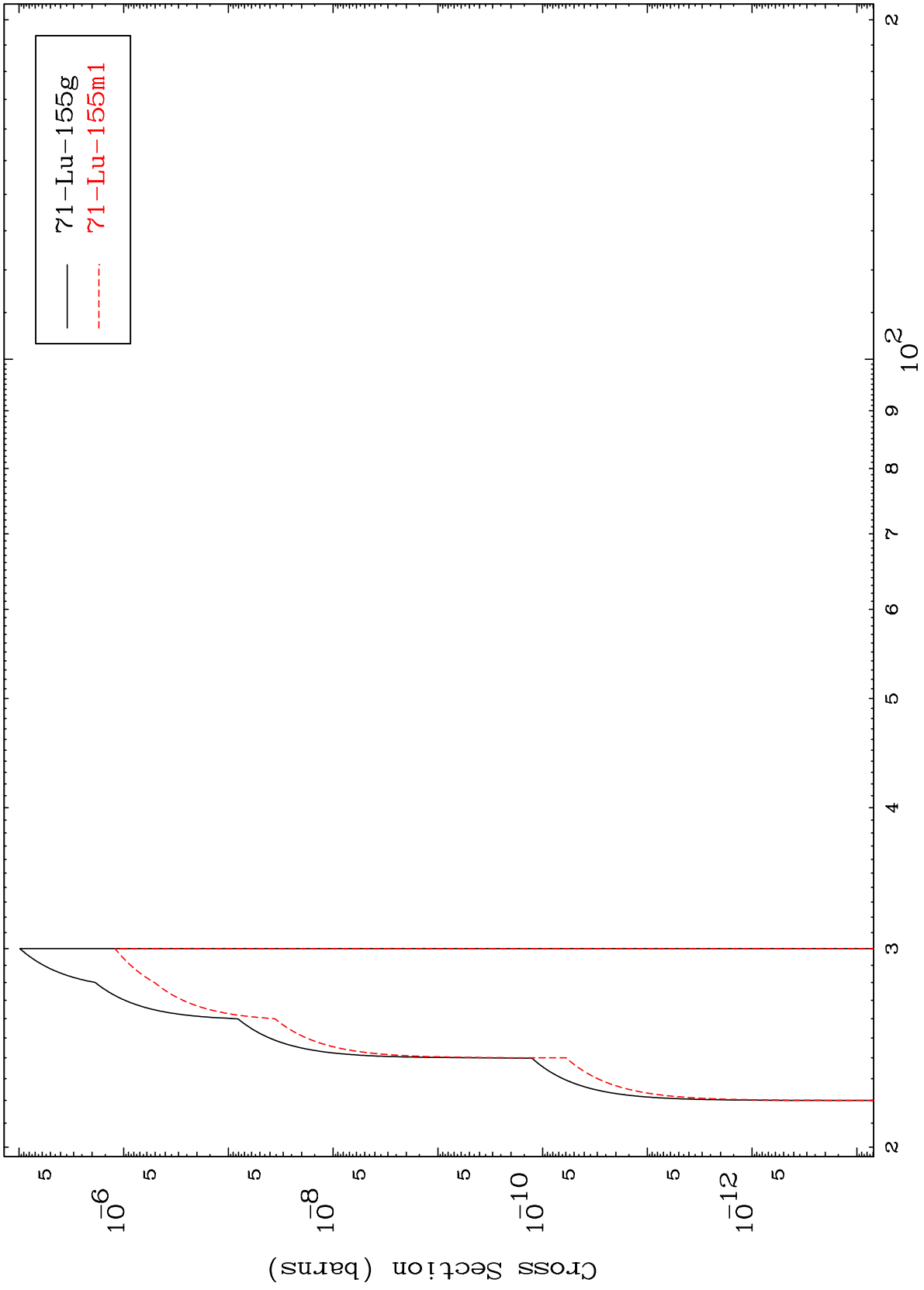
71-Lu-157

MAT 7072

(d,2n) d

⁷¹Lu-157

Radionuclide Production Cross Section



13

Incident Energy (MeV)

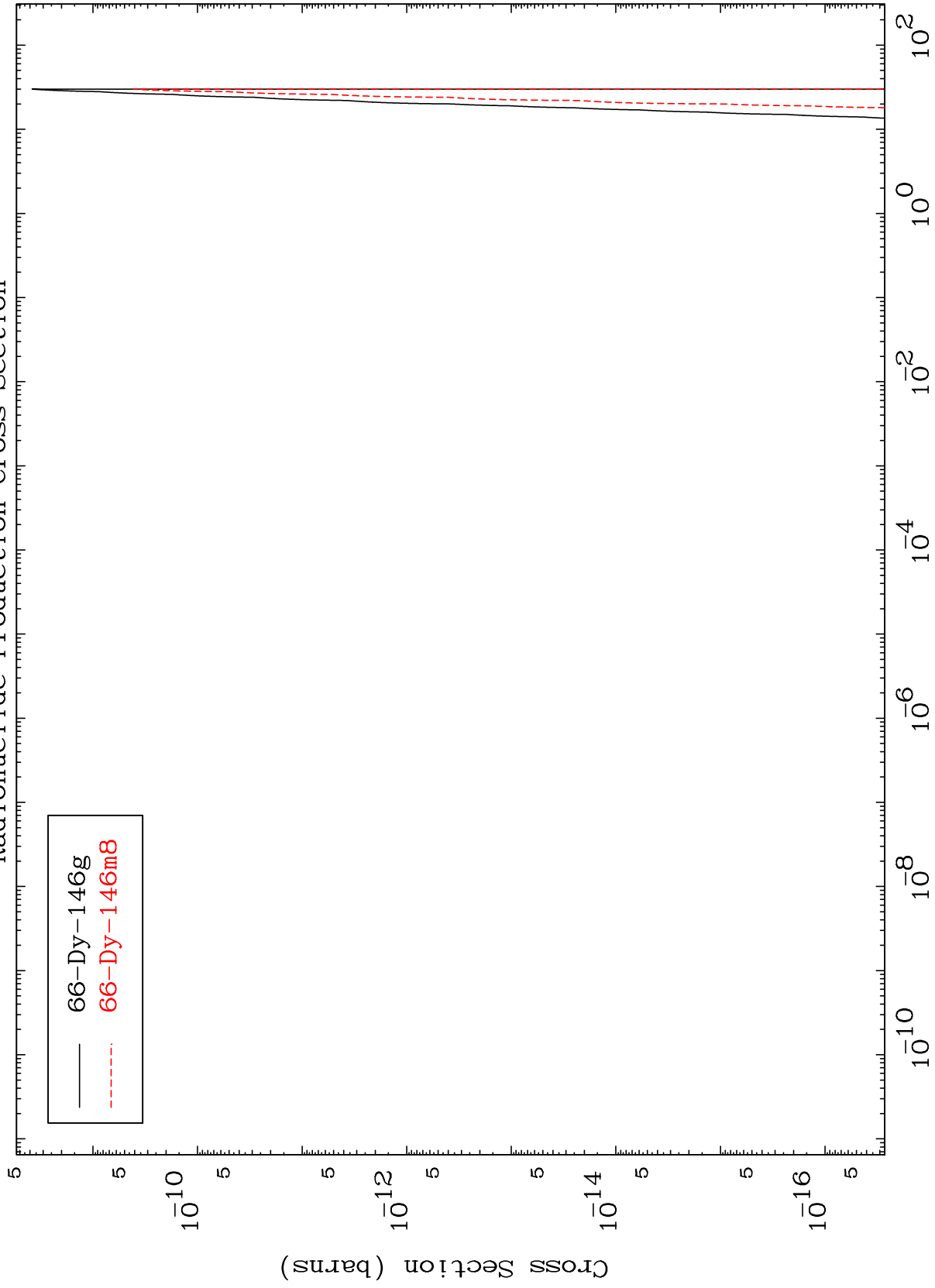
⁷¹Lu-157

MAT 7072

(d,n') 3 α

71-Lu-157

Radionuclide Production Cross Section



14

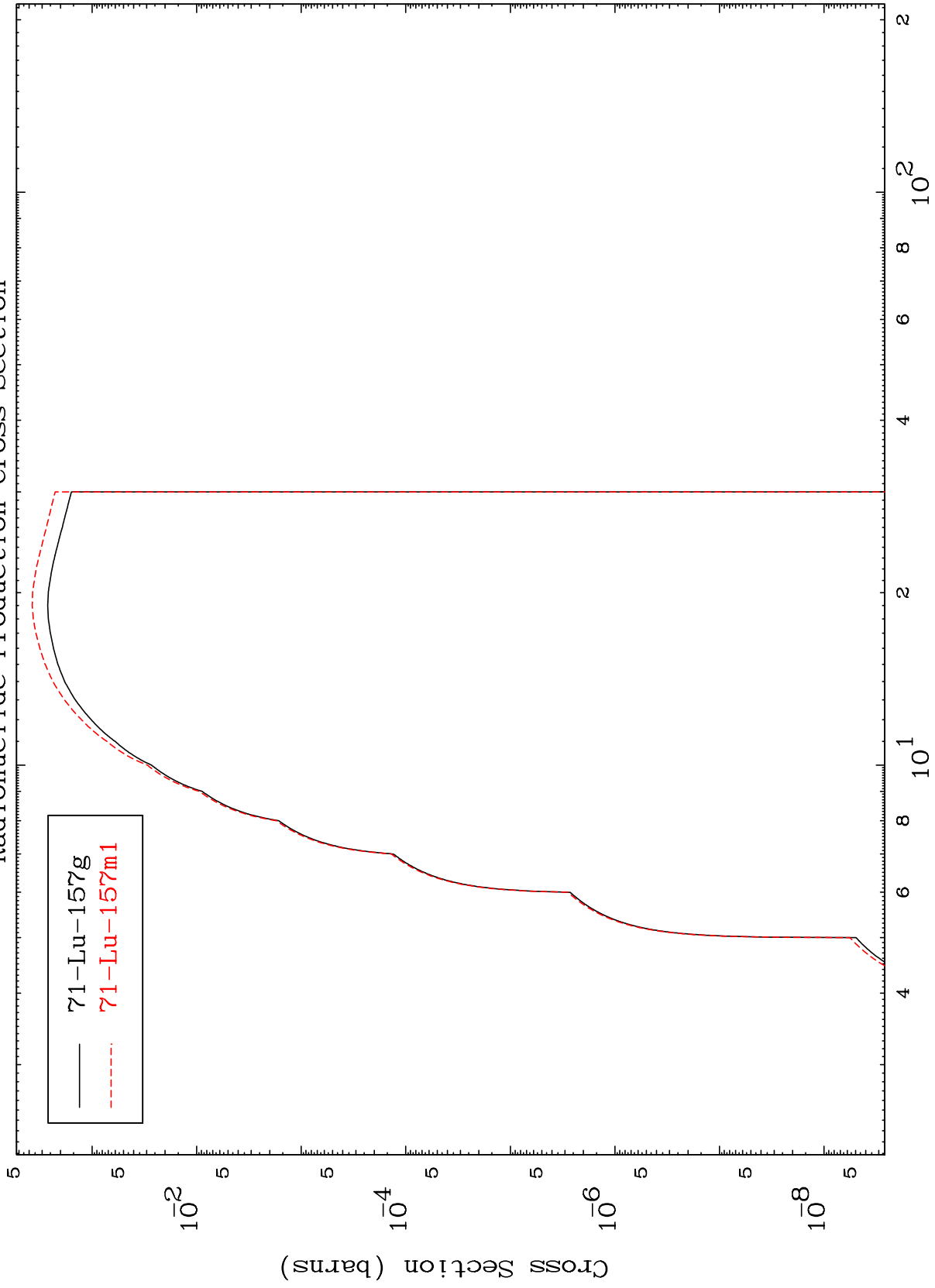
Incident Energy (MeV)

71-Lu-157

MAT 7072

⁷¹Lu-157

Radionuclide Production Cross Section
(d,n') p



15

Incident Energy (MeV)

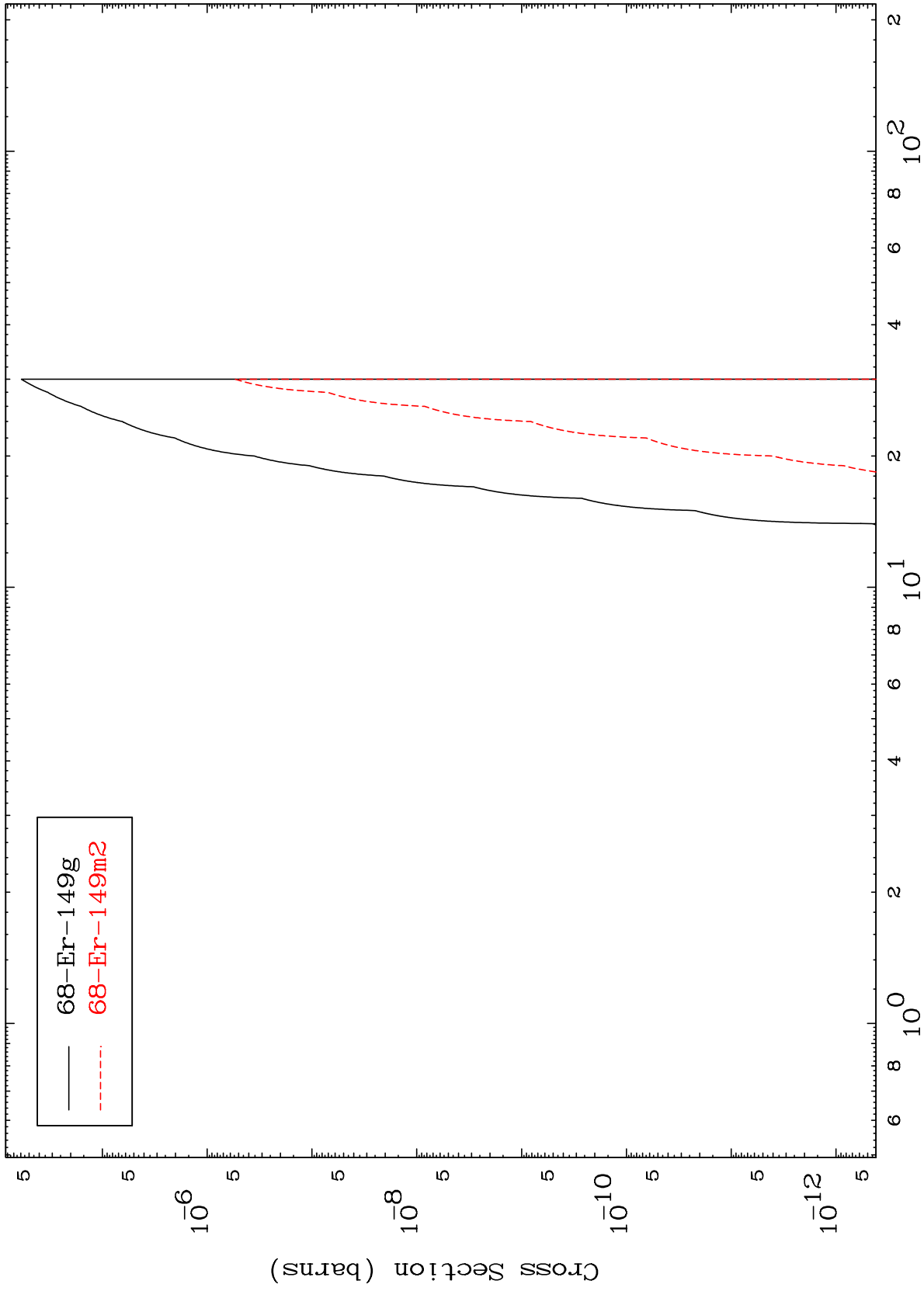
⁷¹Lu-157

MAT 7072

(d,2n) 2 α

71-Lu-157

Radionuclide Production Cross Section



16

Incident Energy (MeV)

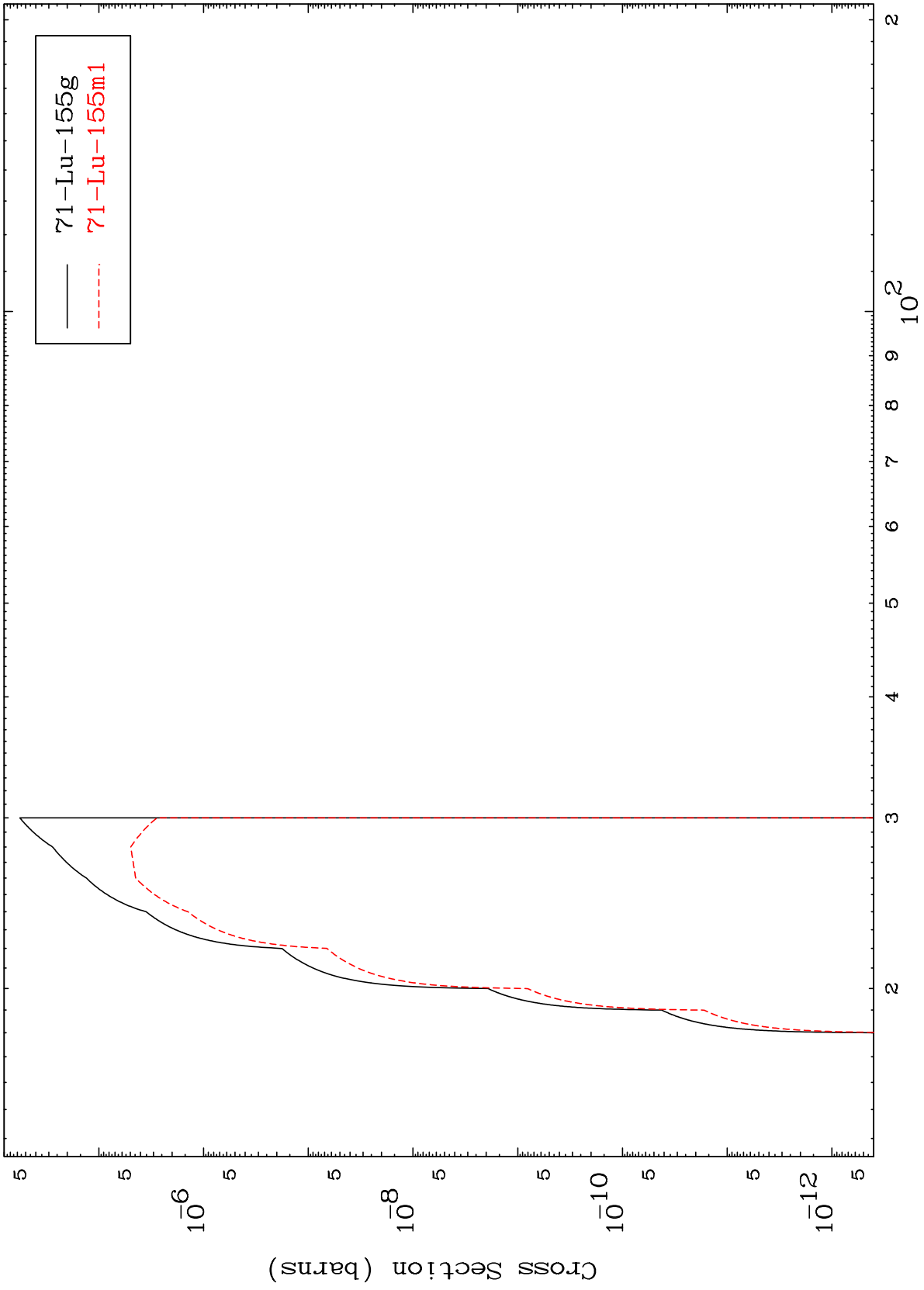
71-Lu-157

MAT 7072

(d,n') t

⁷¹Lu-157

Radionuclide Production Cross Section



17

Incident Energy (MeV)

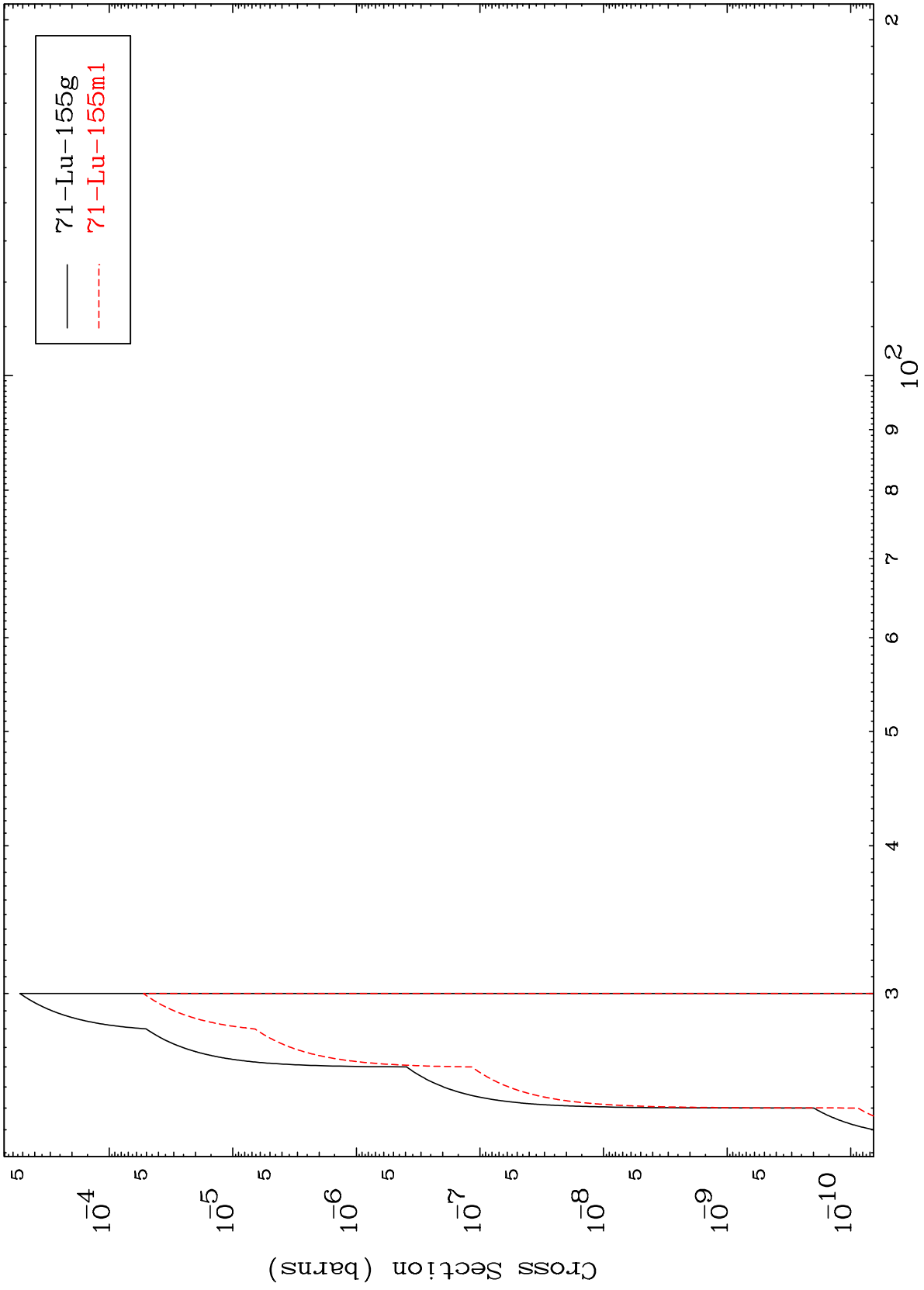
⁷¹Lu-157

MAT 7072

(d,3n) p

⁷¹Lu-157

Radionuclide Production Cross Section



18

Incident Energy (MeV)

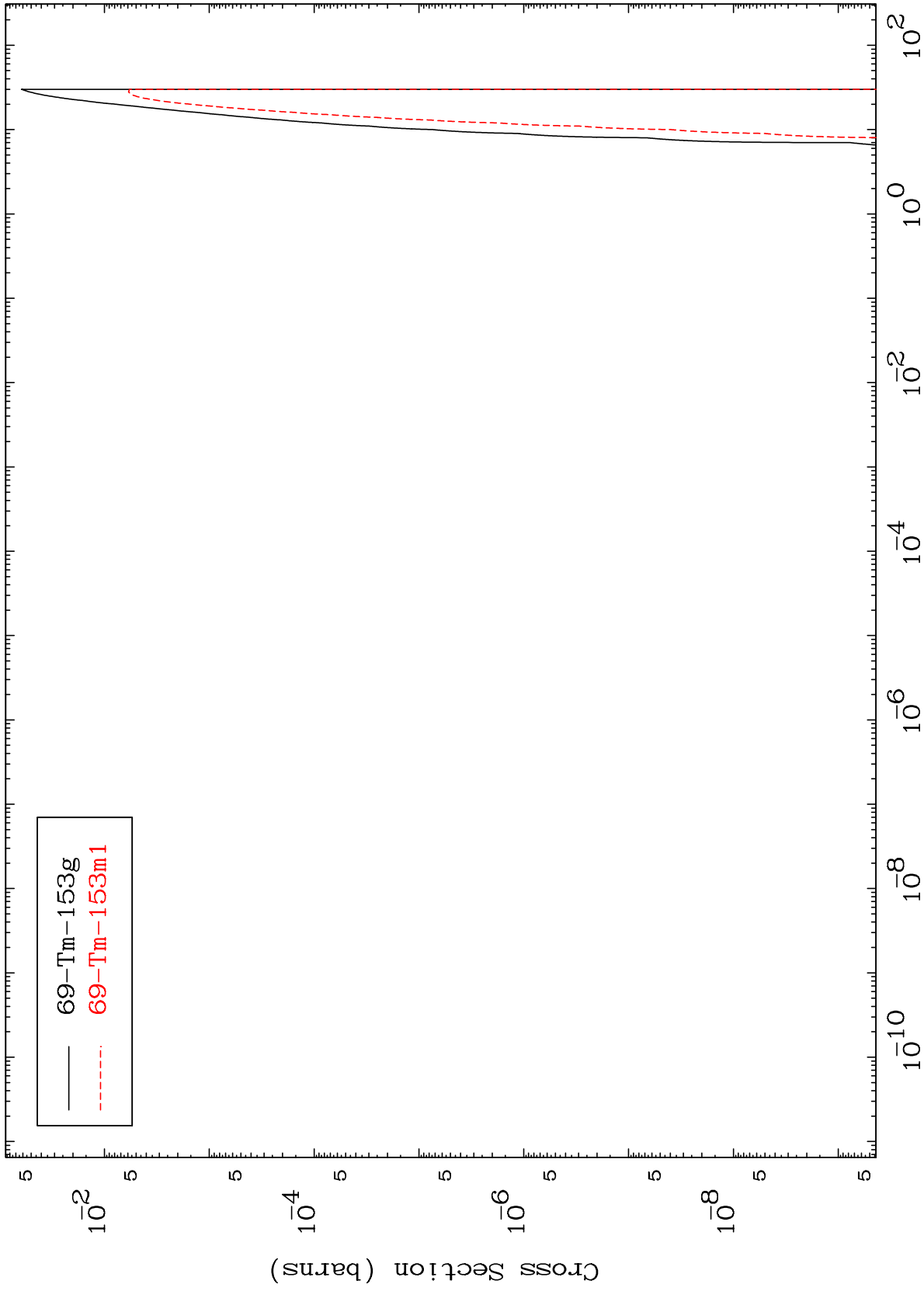
⁷¹Lu-157

MAT 7072

(d,n') p α

⁷¹Lu-157

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

19

Incident Energy (MeV)

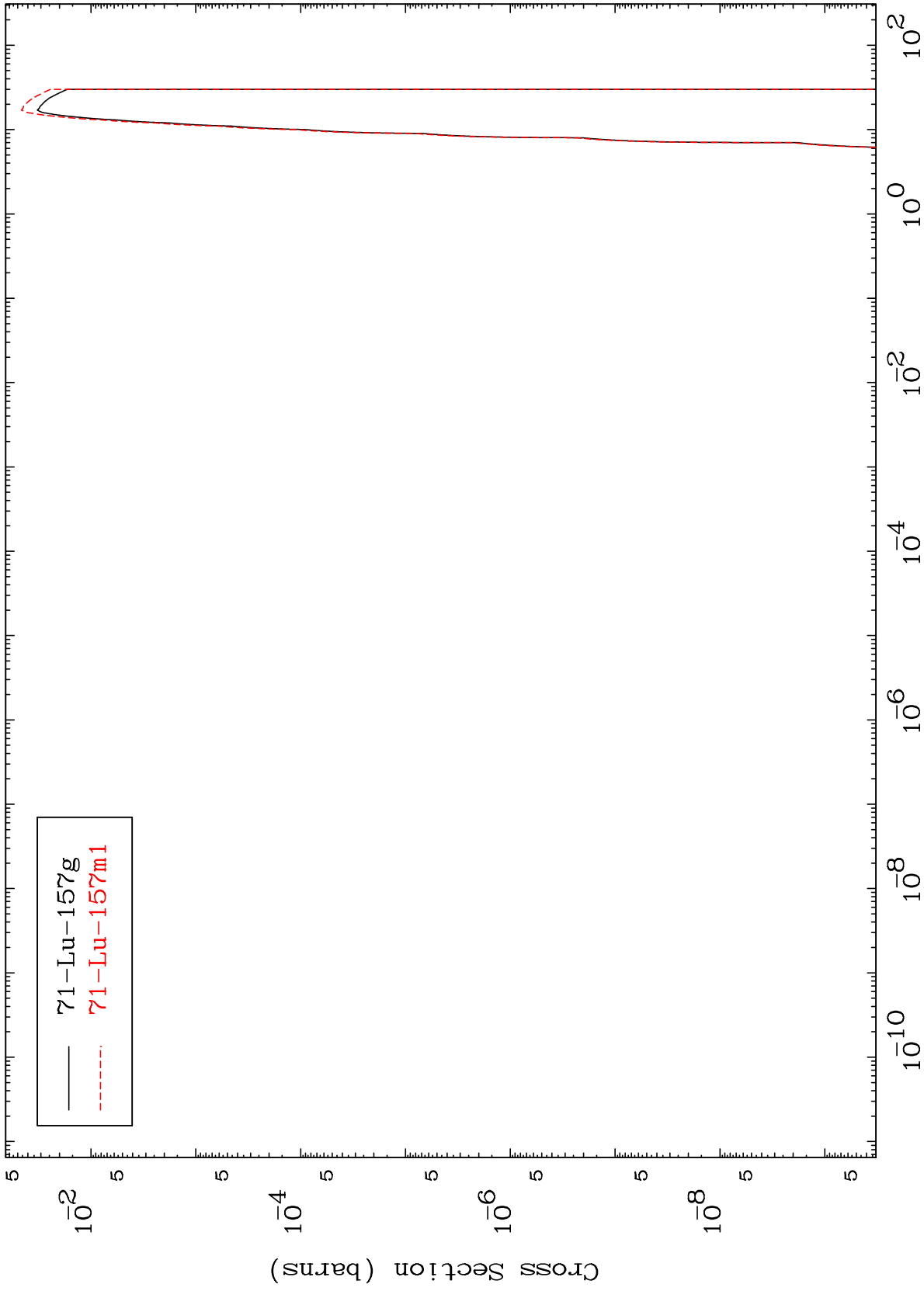
⁷¹Lu-157

MAT 7072

(d,d)

⁷¹Lu-157

Radionuclide Production Cross Section



20

Incident Energy (MeV)

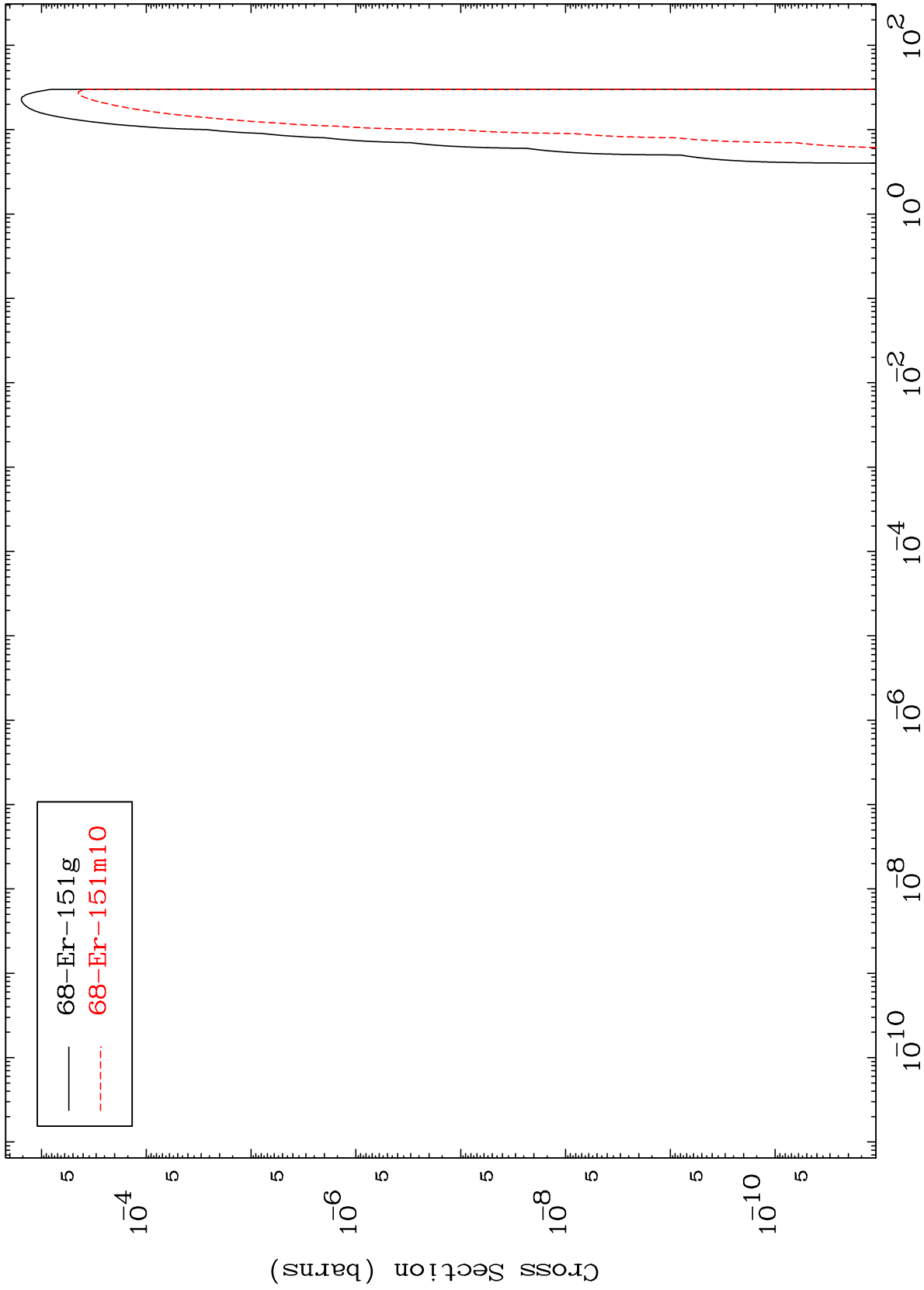
⁷¹Lu-157

MAT 7072

(d,2 α)

71-Lu-157

Radionuclide Production Cross Section

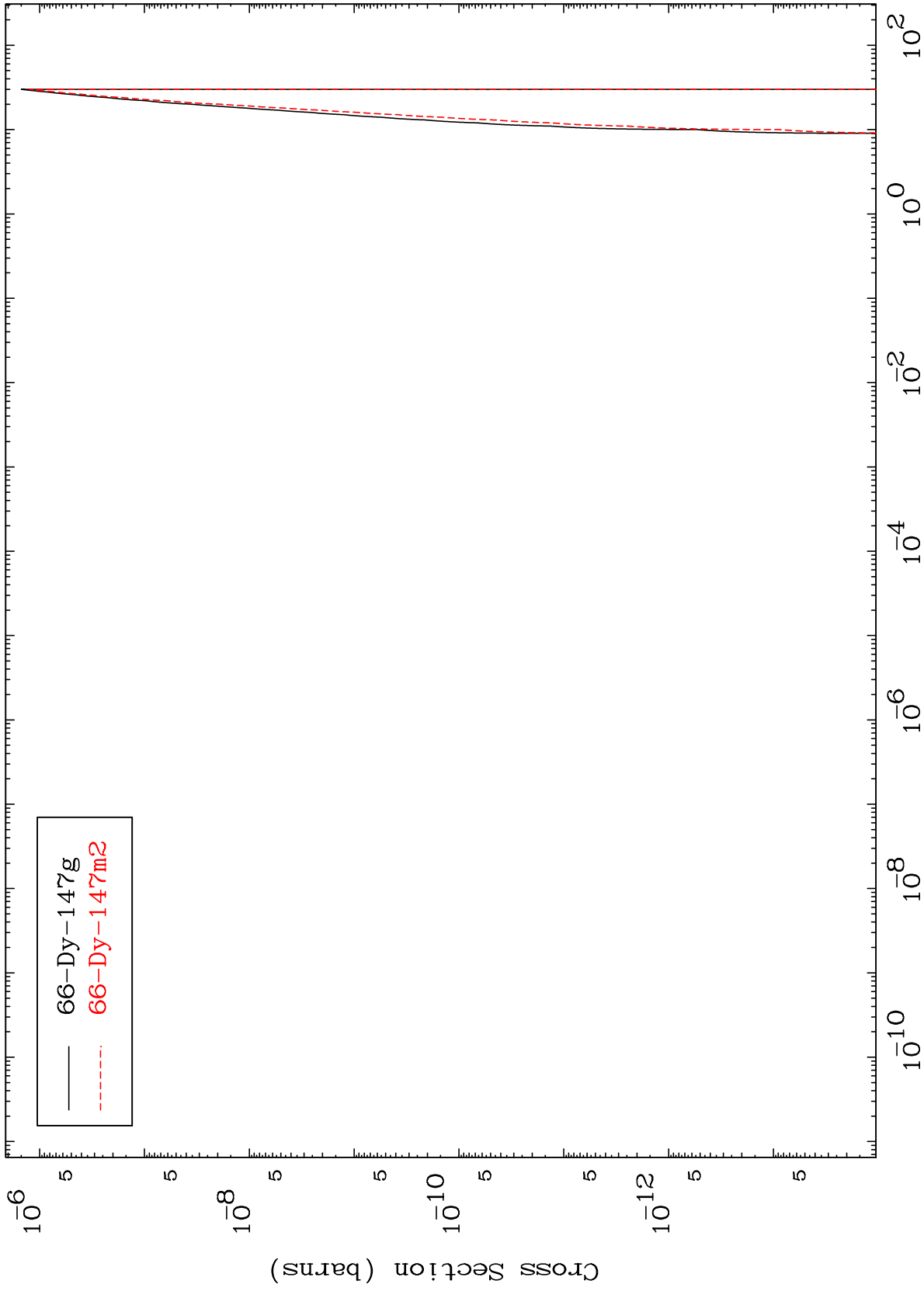


MAT 7072

(d,3 α)

⁷¹Lu-157

Radionuclide Production Cross Section



22

Incident Energy (MeV)

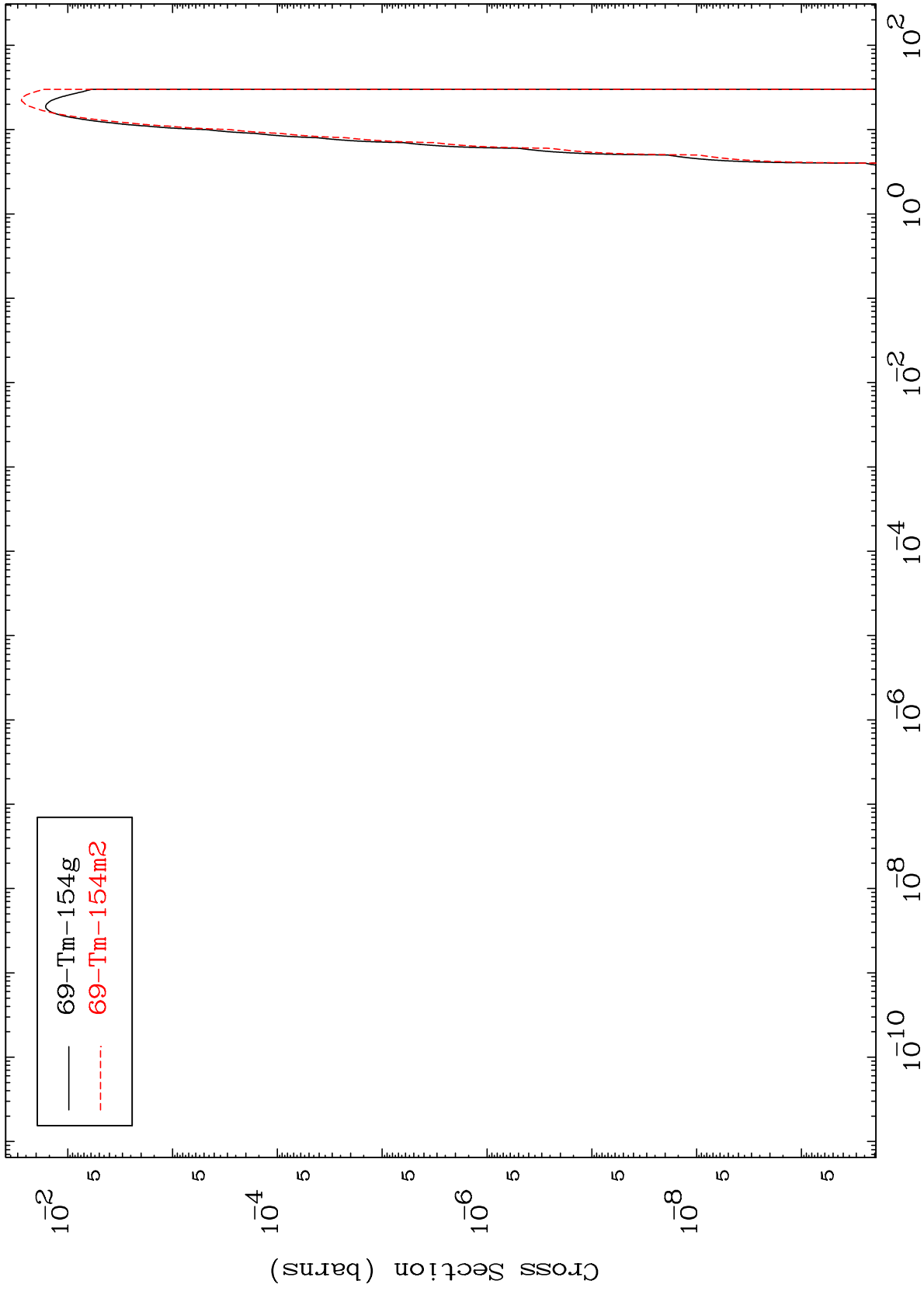
⁷¹Lu-157

MAT 7072

(d,p) α

71-Lu-157

Radionuclide Production Cross Section



23

Incident Energy (MeV)

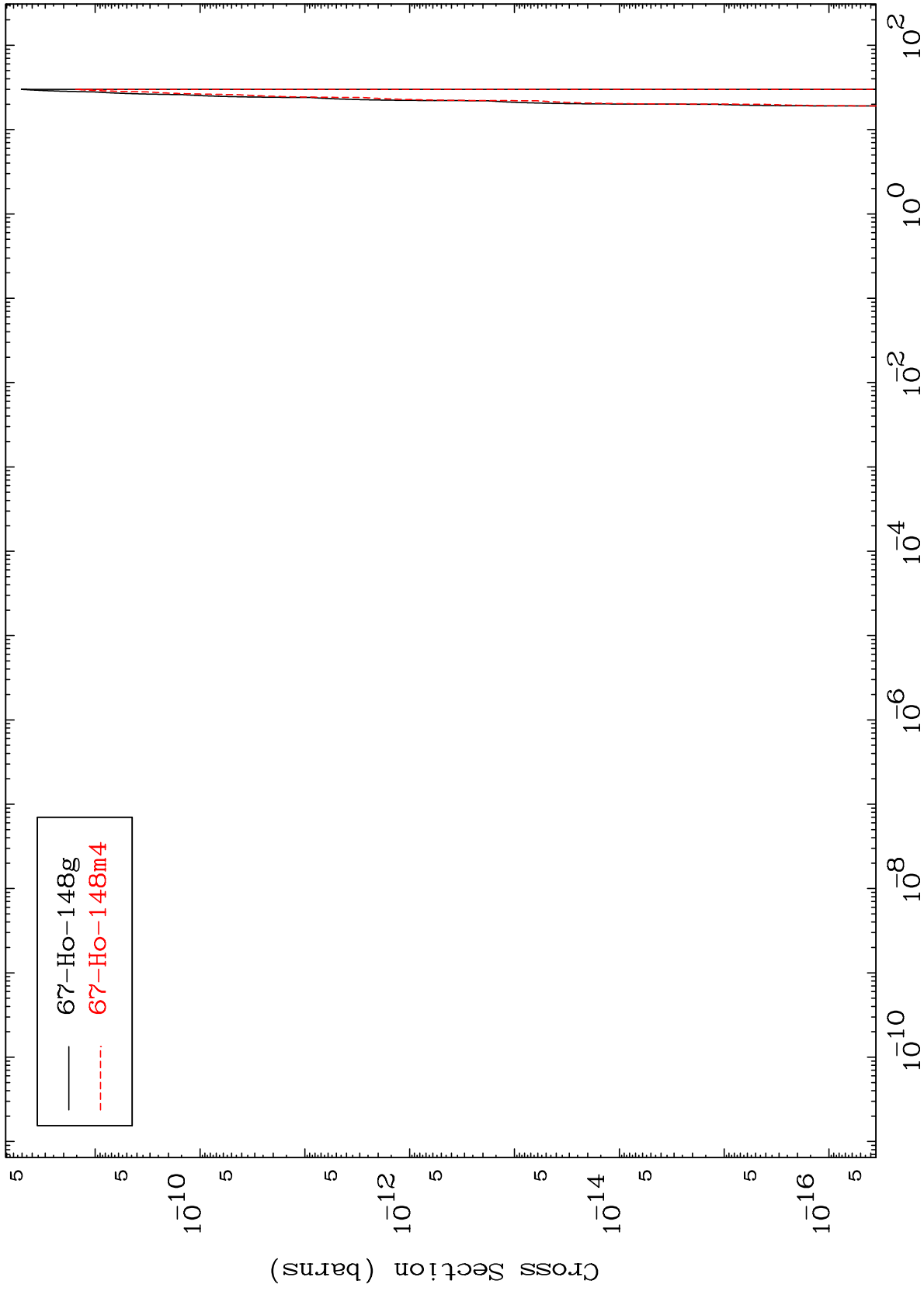
71-Lu-157

MAT 7072

(d,t) 2α

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

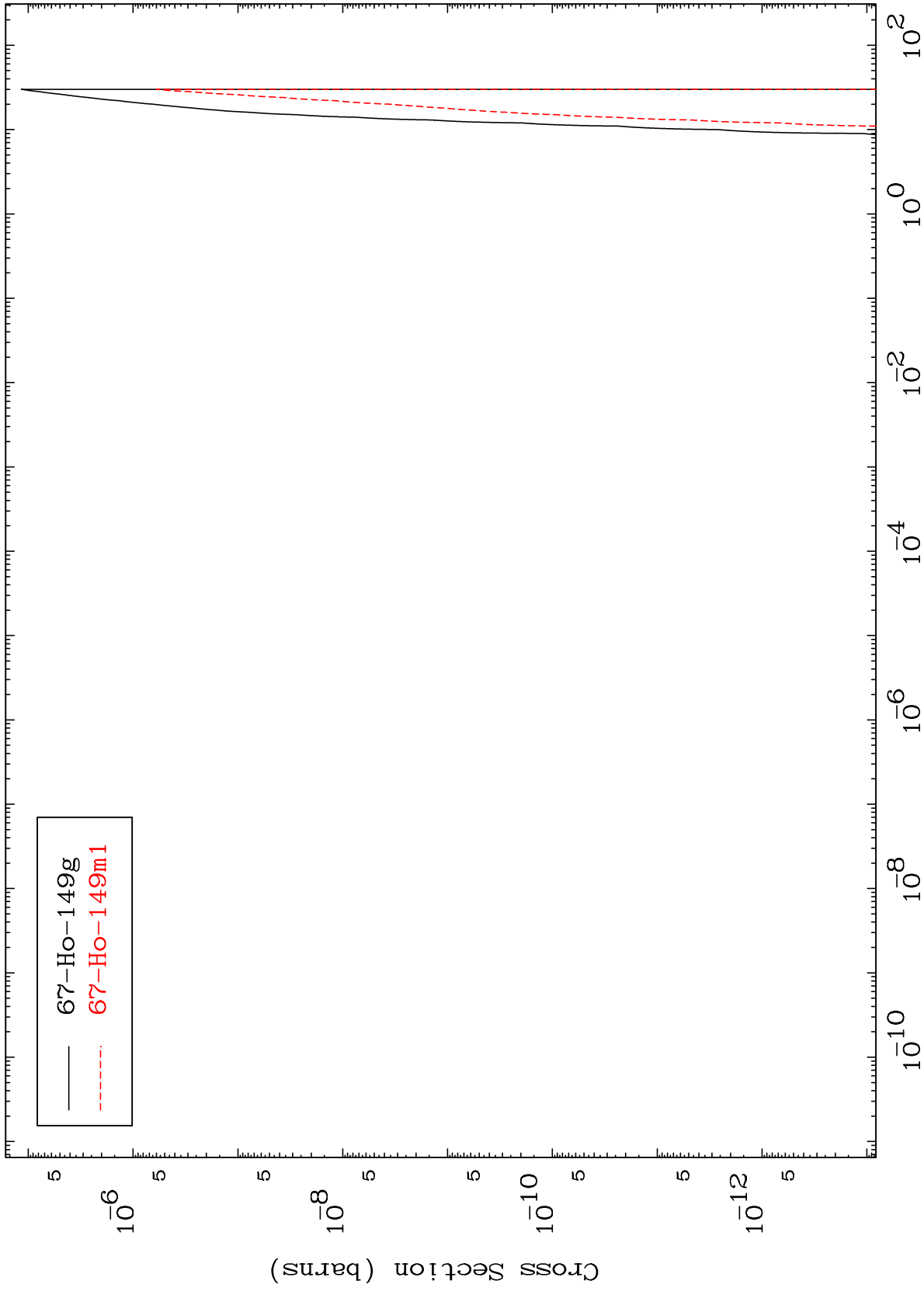
$^{71}\text{Lu-157}$

MAT 7072

(d,d) 2α

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

$^{71}\text{Lu-157}$

MAT 7072

(d,d) α

⁷¹Lu-157

Radionuclide Production Cross Section

