

Program EVALPLOT
(Version 2018-1)

by

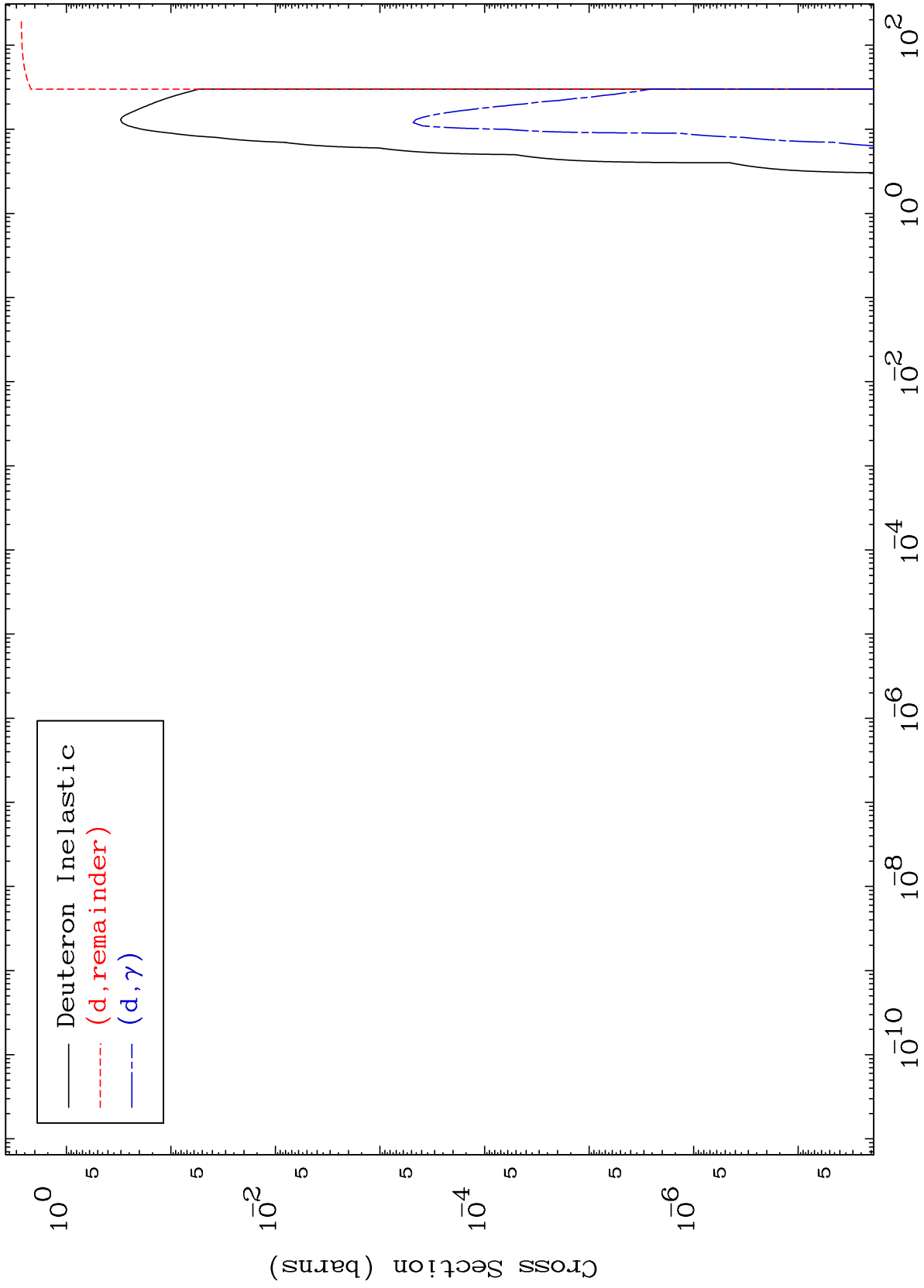
Dermott E. Cullen
(Present Contact Information)

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

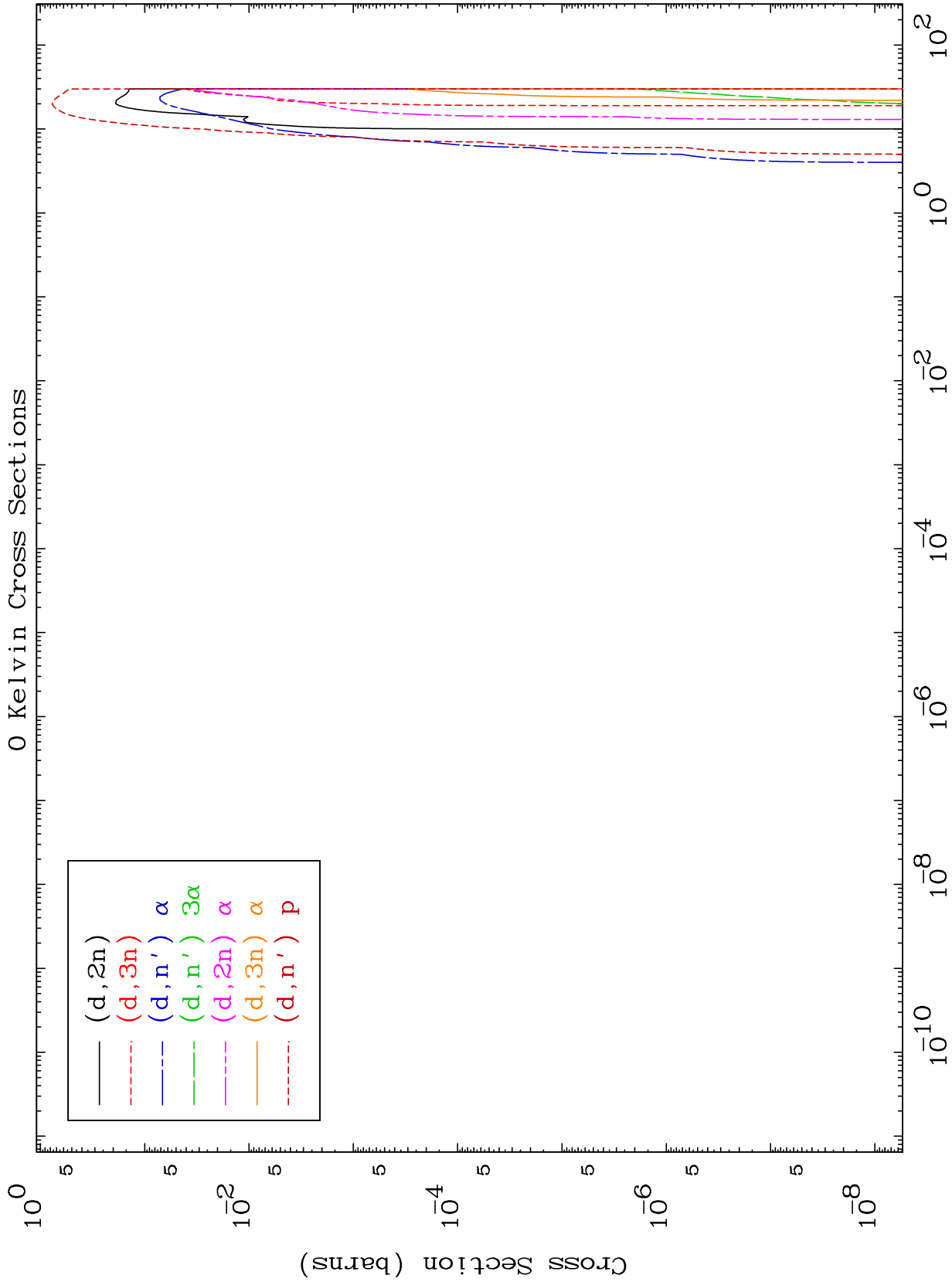
Press Mouse Button to Start



MAT 7077

Deuteron Neutron Production
0 Kelvin Cross Sections

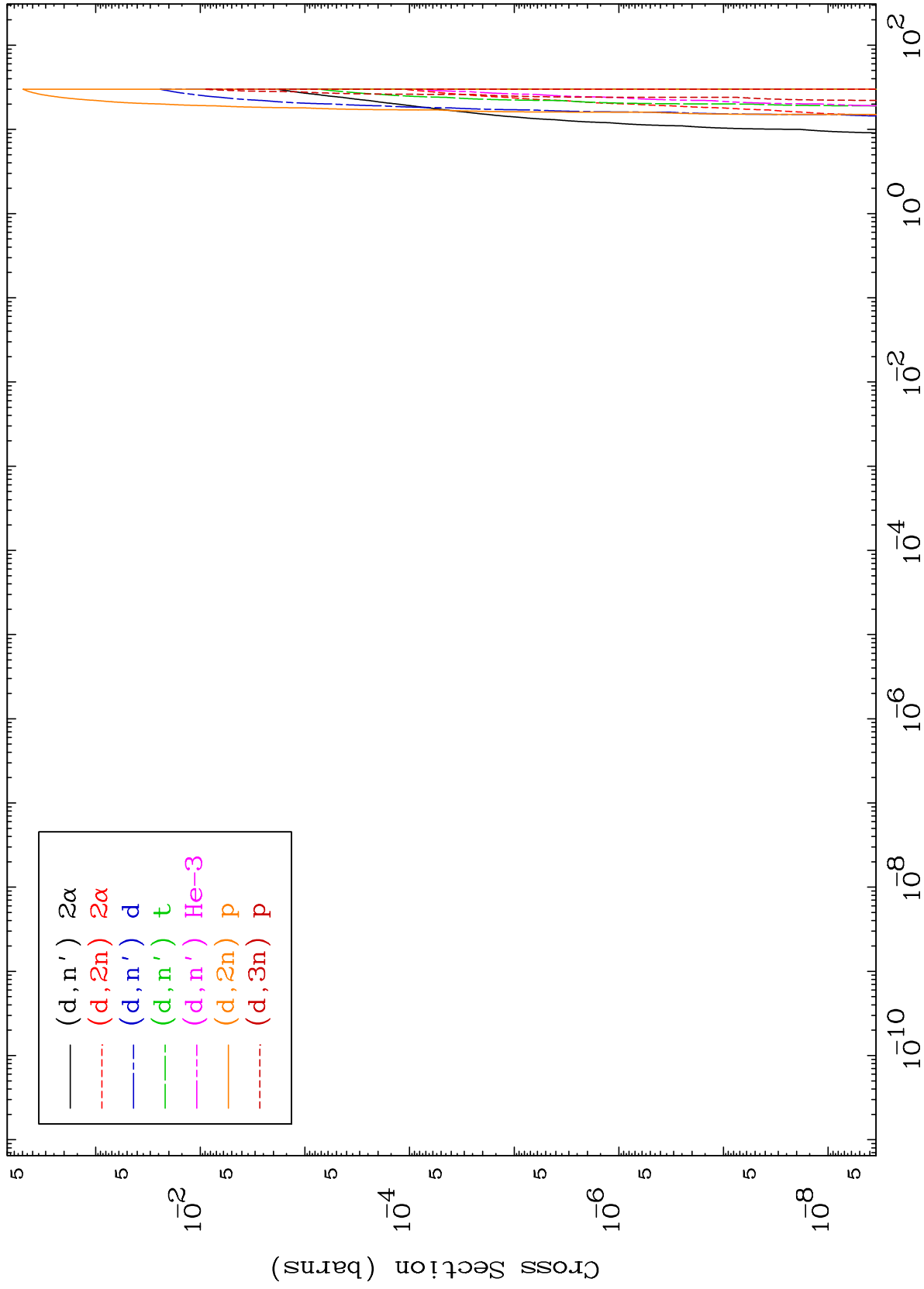
71-Lu-159



2

Incident Energy (MeV)

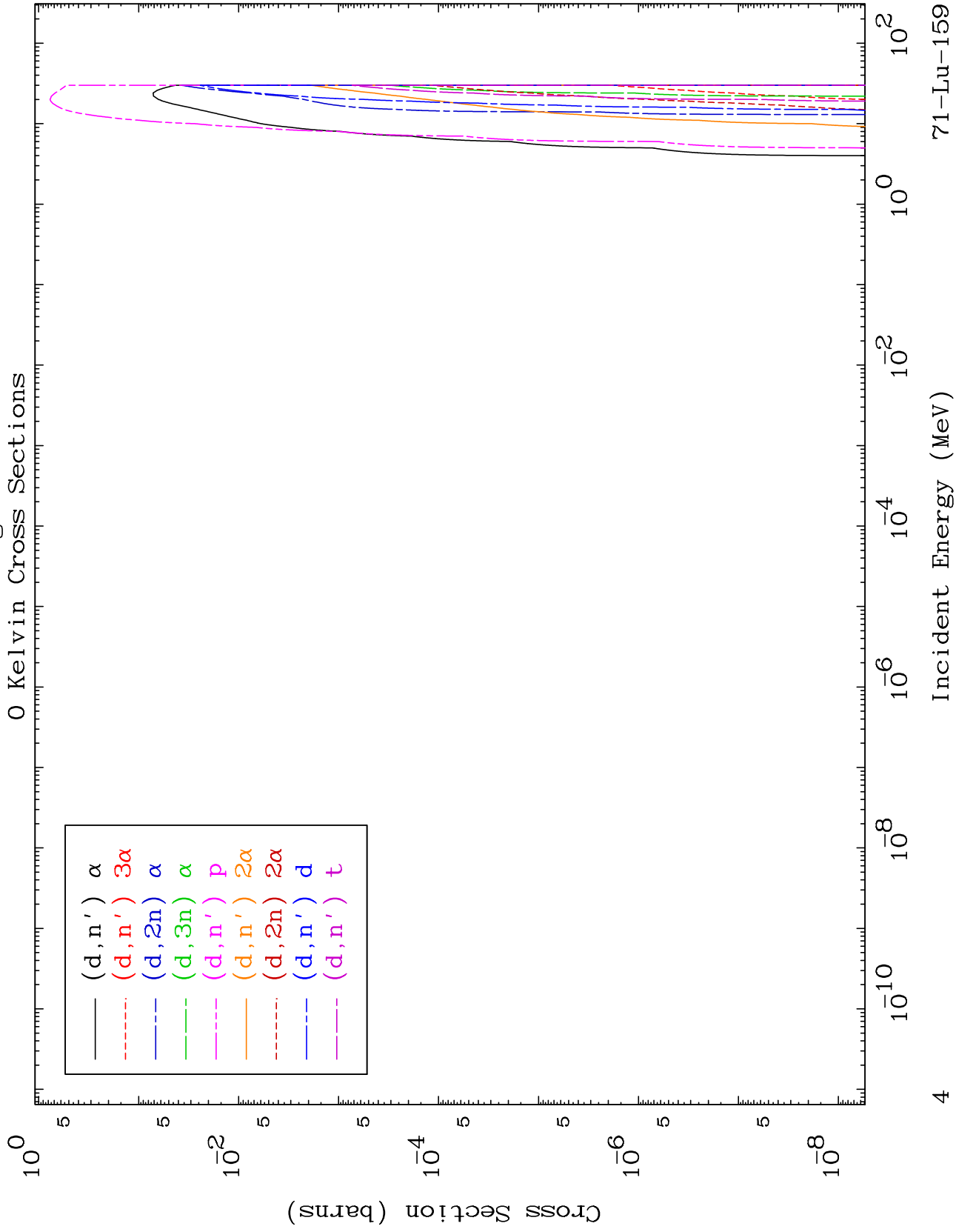
71-Lu-159



MAT 7077

Deuteron Charged Particle
0 Kelvin Cross Sections

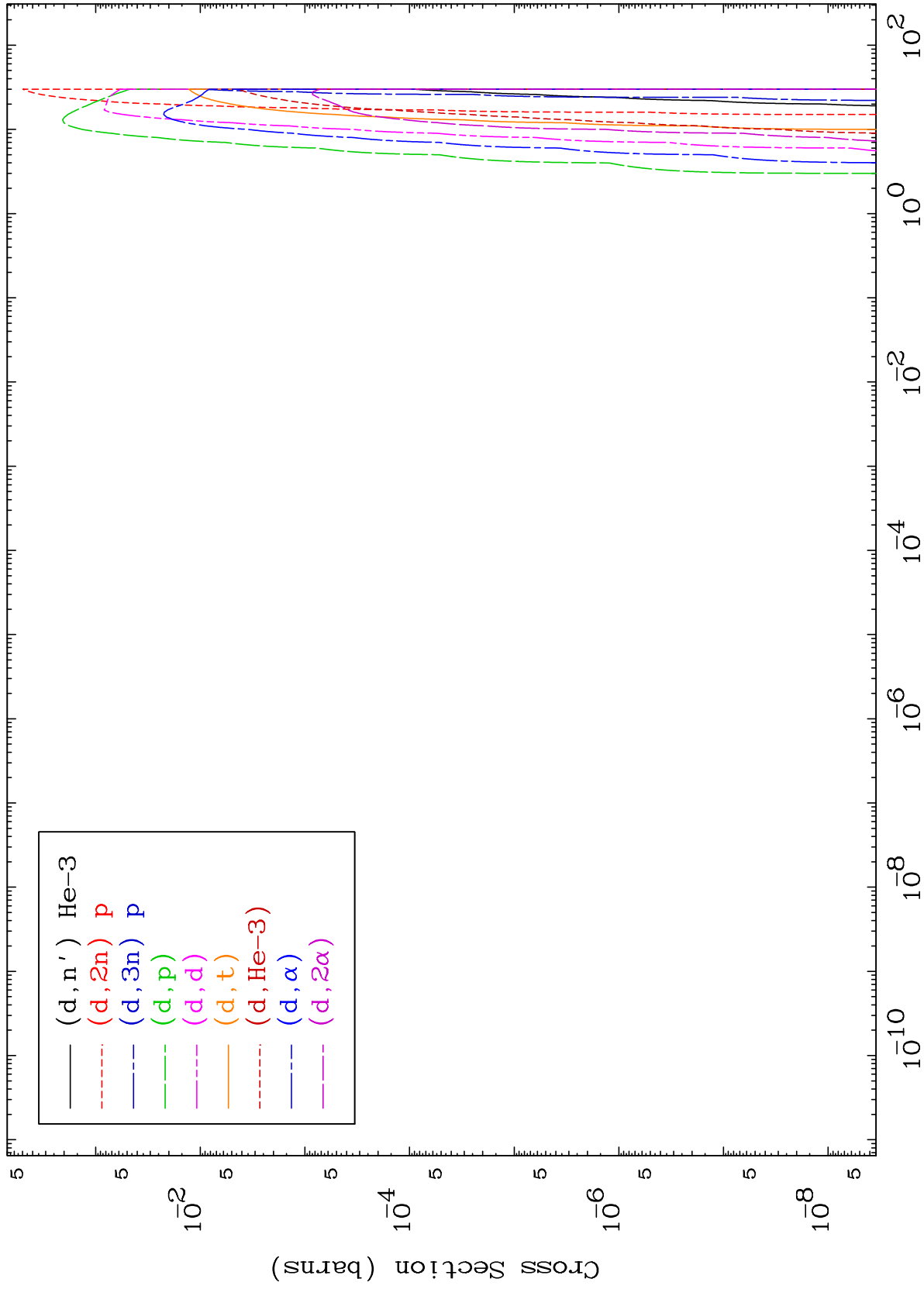
71-Lu-159



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Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-159

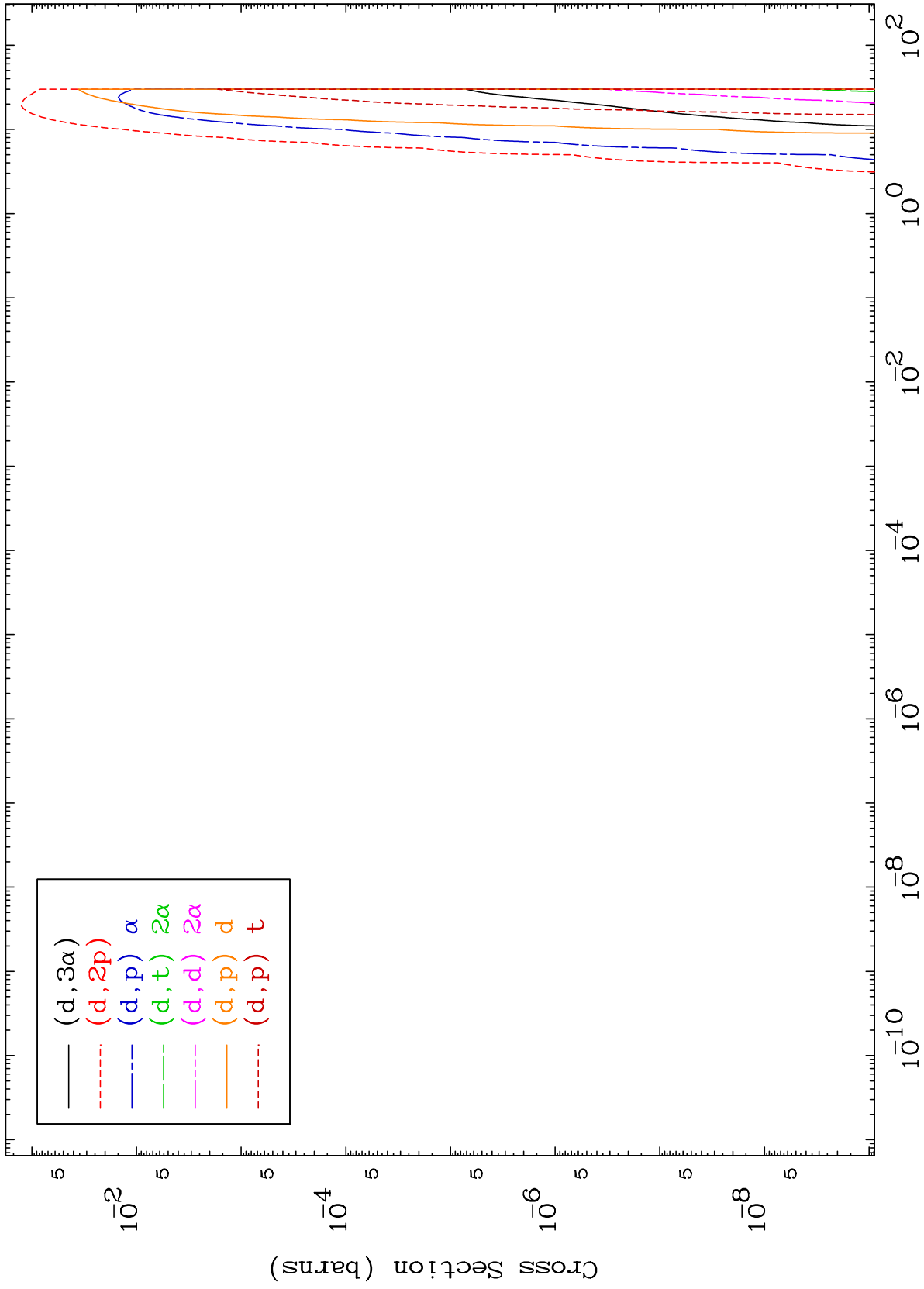


5

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Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-159



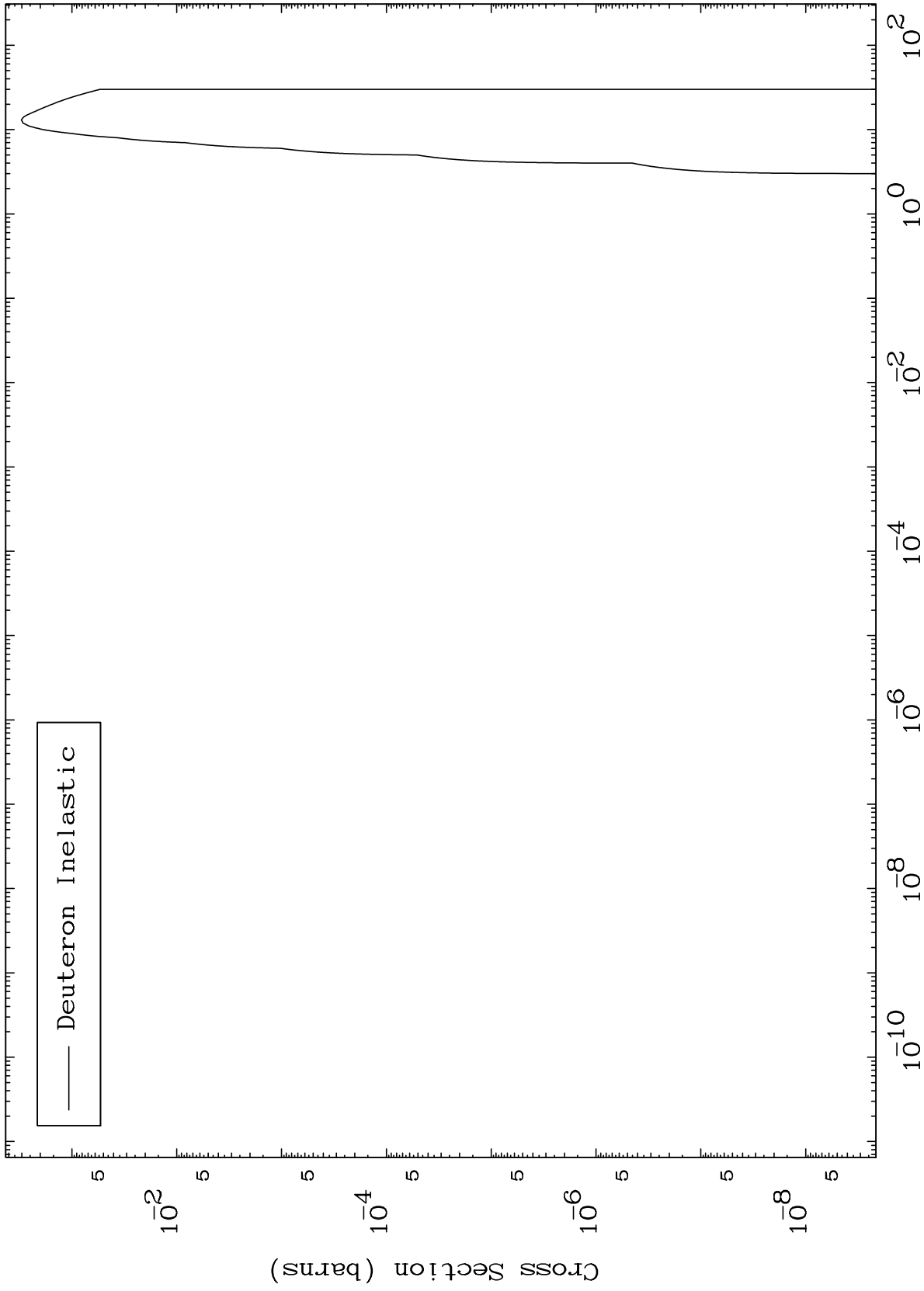
6

71-Lu-159

MAT 7077

(d,n') Level
0 Kelvin Cross Sections

71-Lu-159



7

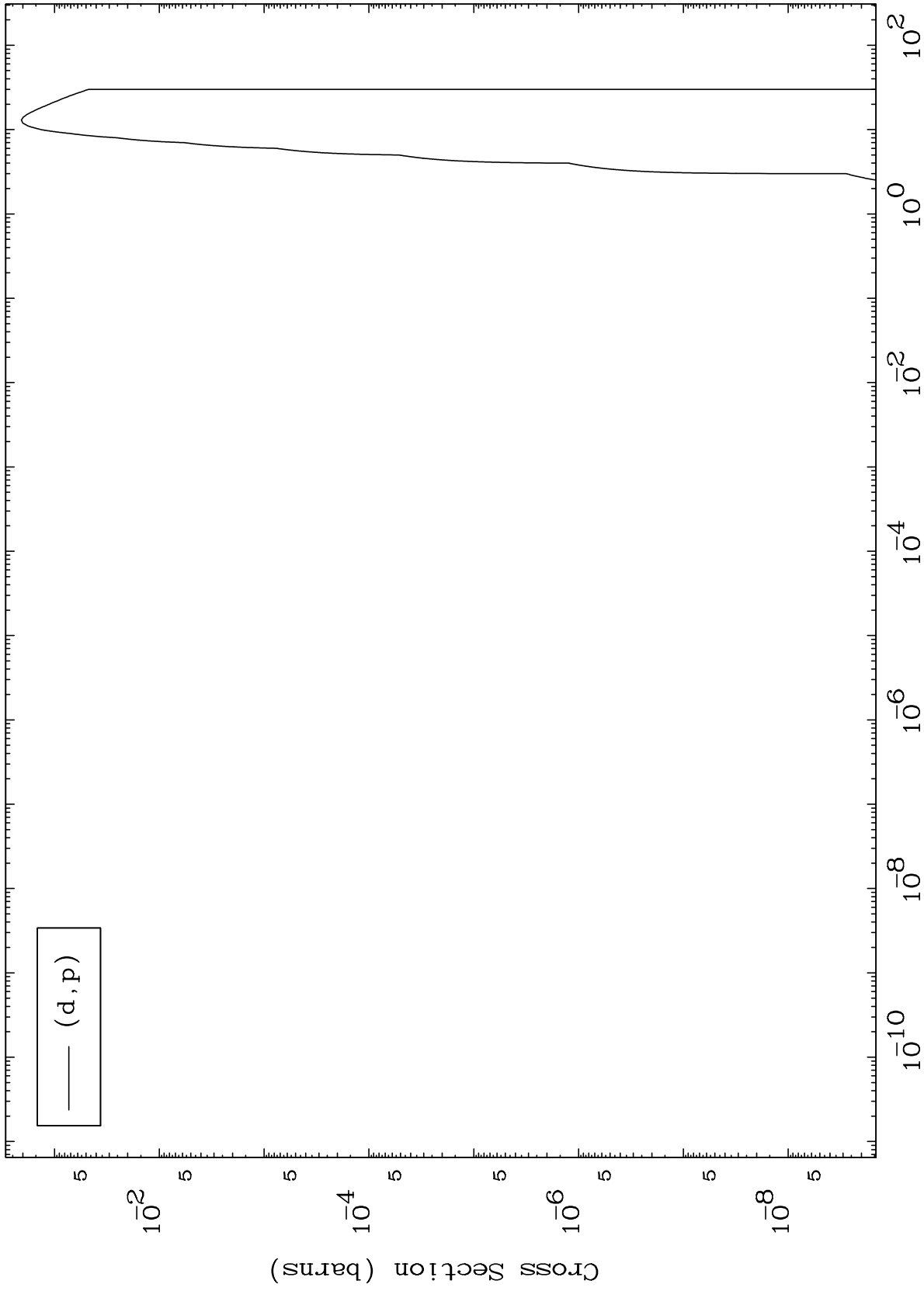
Incident Energy (MeV)

71-Lu-159

MAT 7077

(d,p) Levels
0 Kelvin Cross Sections

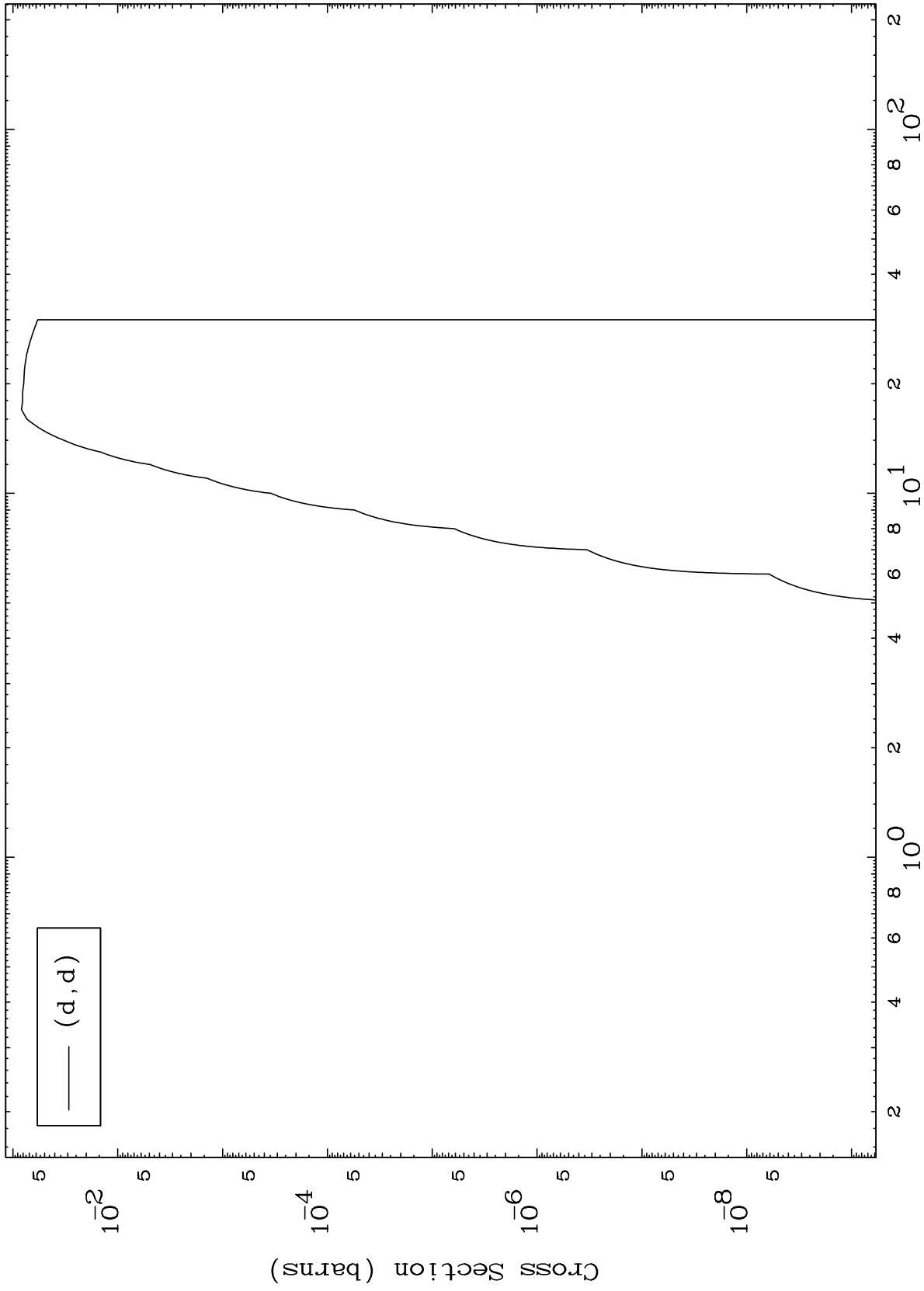
71-Lu-159



8

Incident Energy (MeV)

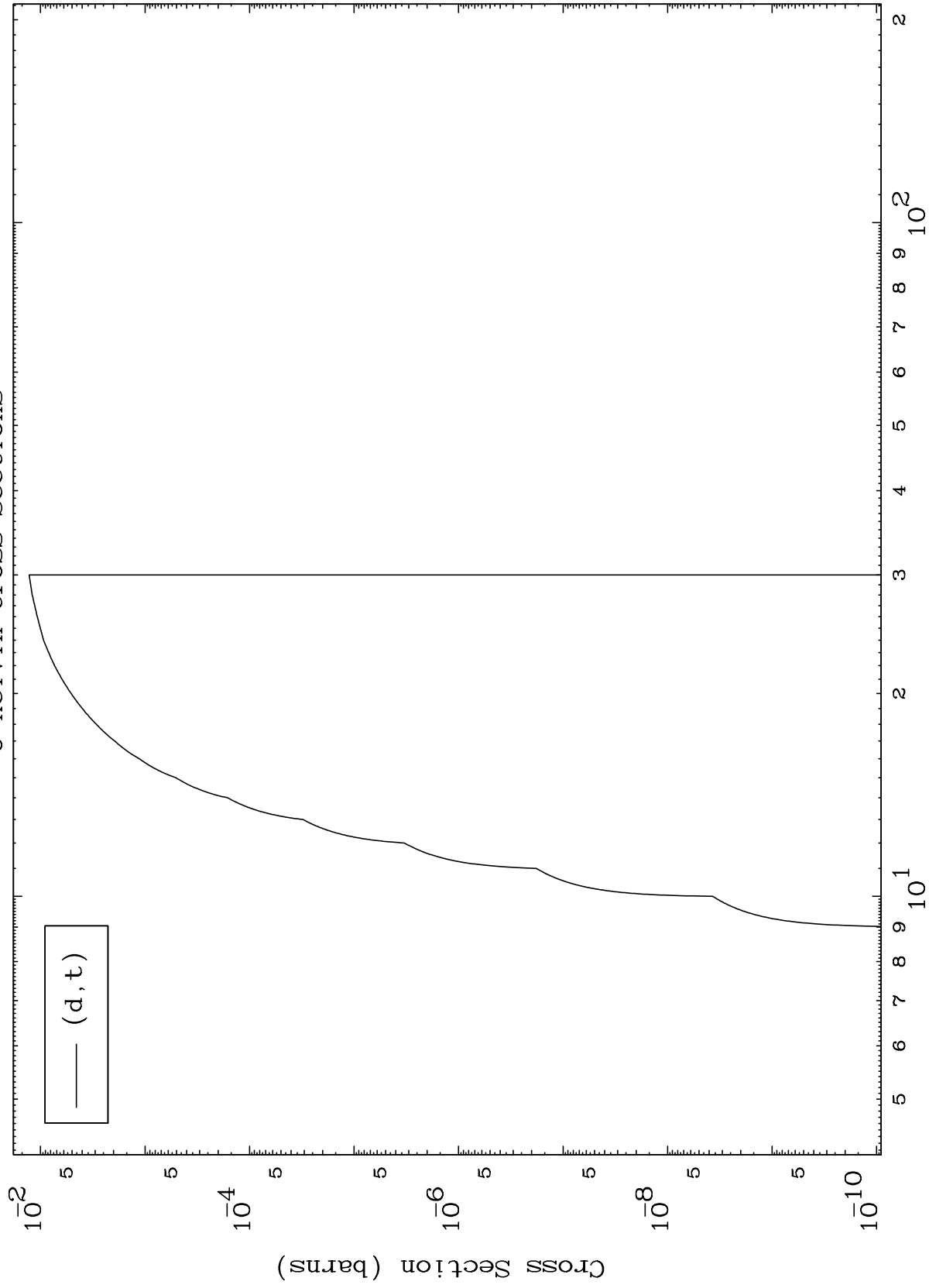
71-Lu-159



MAT 7077

(d,t) Levels
0 Kelvin Cross Sections

71-Lu-159



10

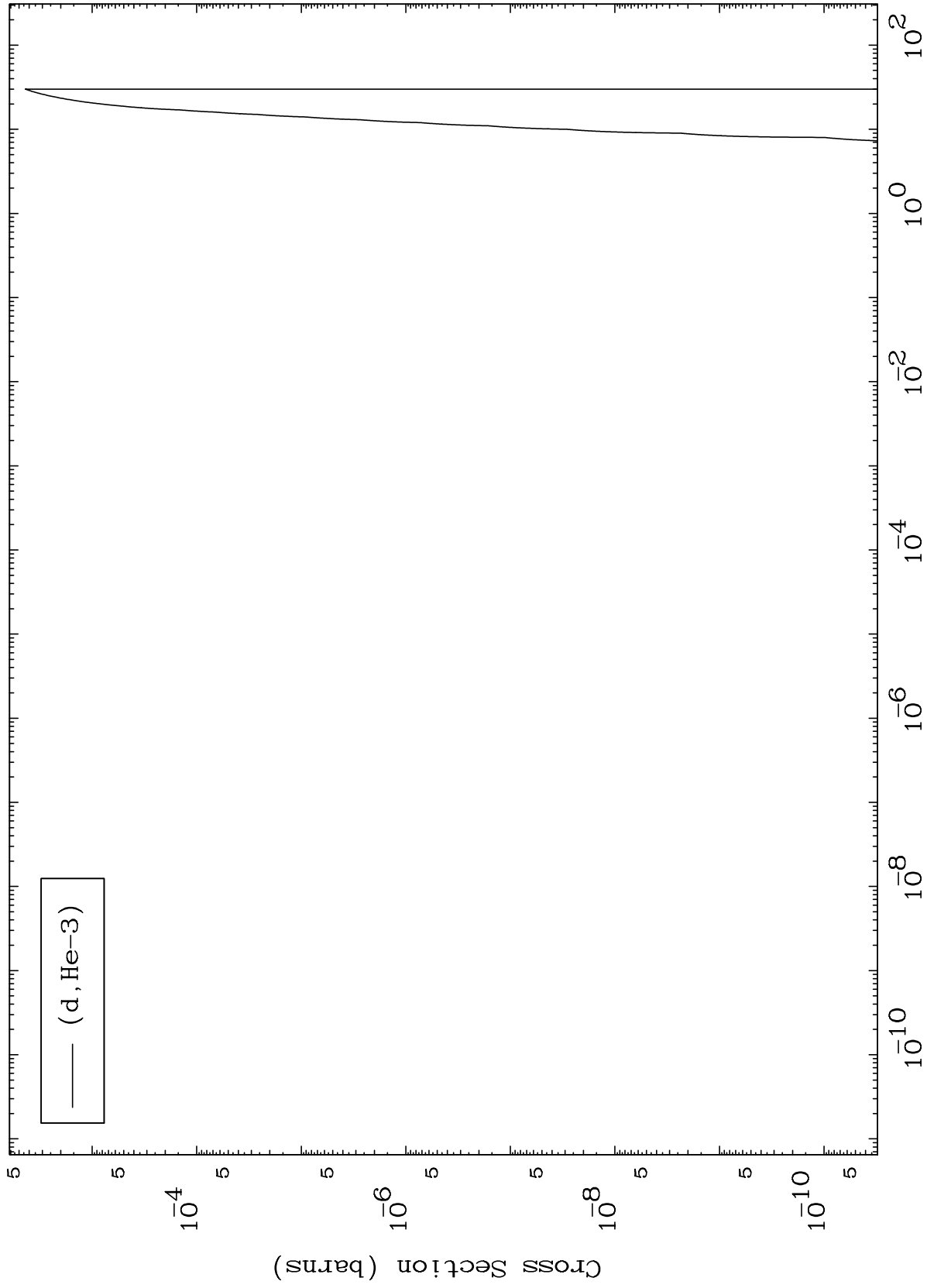
Incident Energy (MeV)

71-Lu-159

MAT 7077

(d,He3) Levels
0 Kelvin Cross Sections

71-Lu-159



11

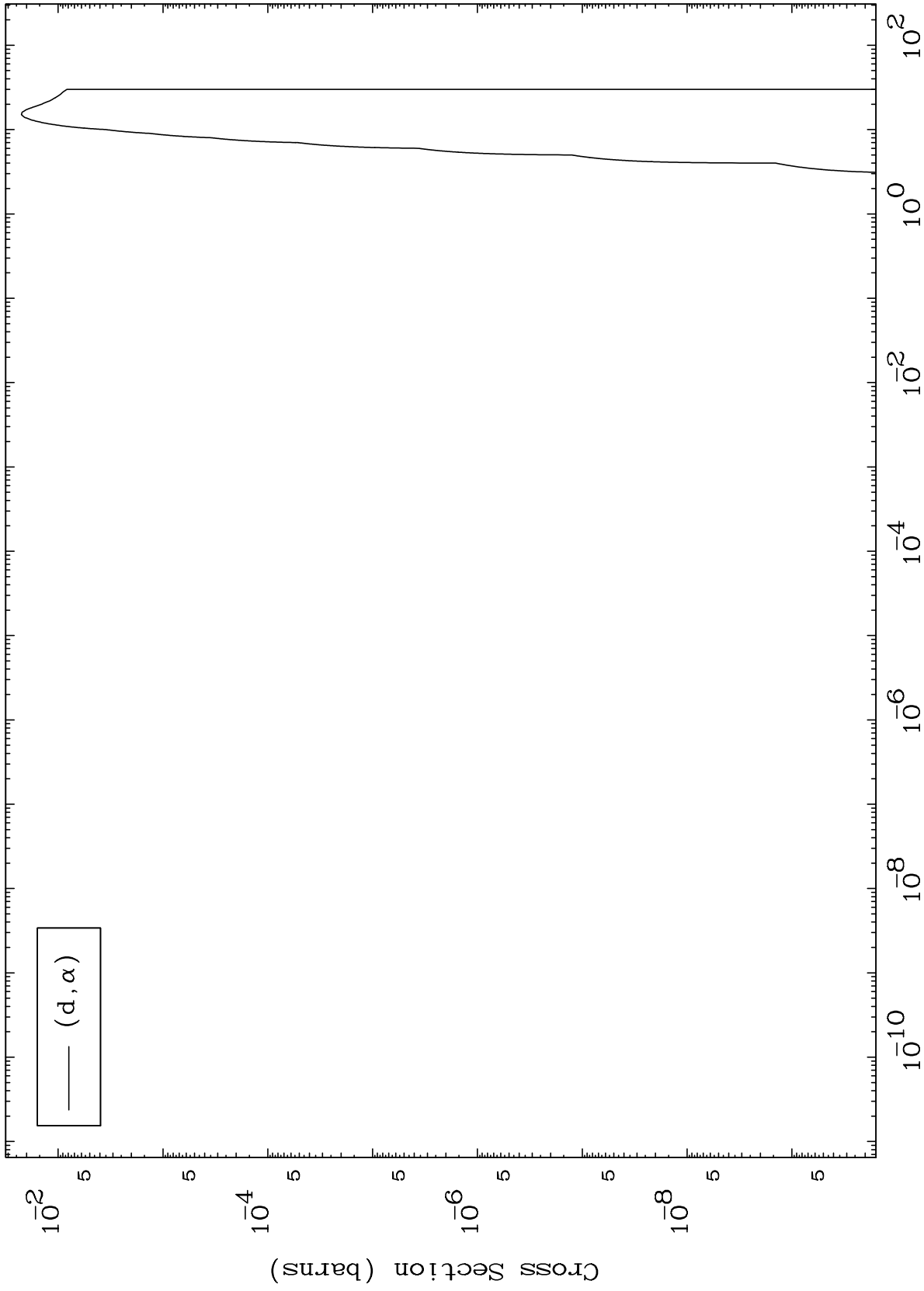
Incident Energy (MeV)

71-Lu-159

MAT 7077

(d, α) Levels
0 Kelvin Cross Sections

71-Lu-159



12

Incident Energy (MeV)

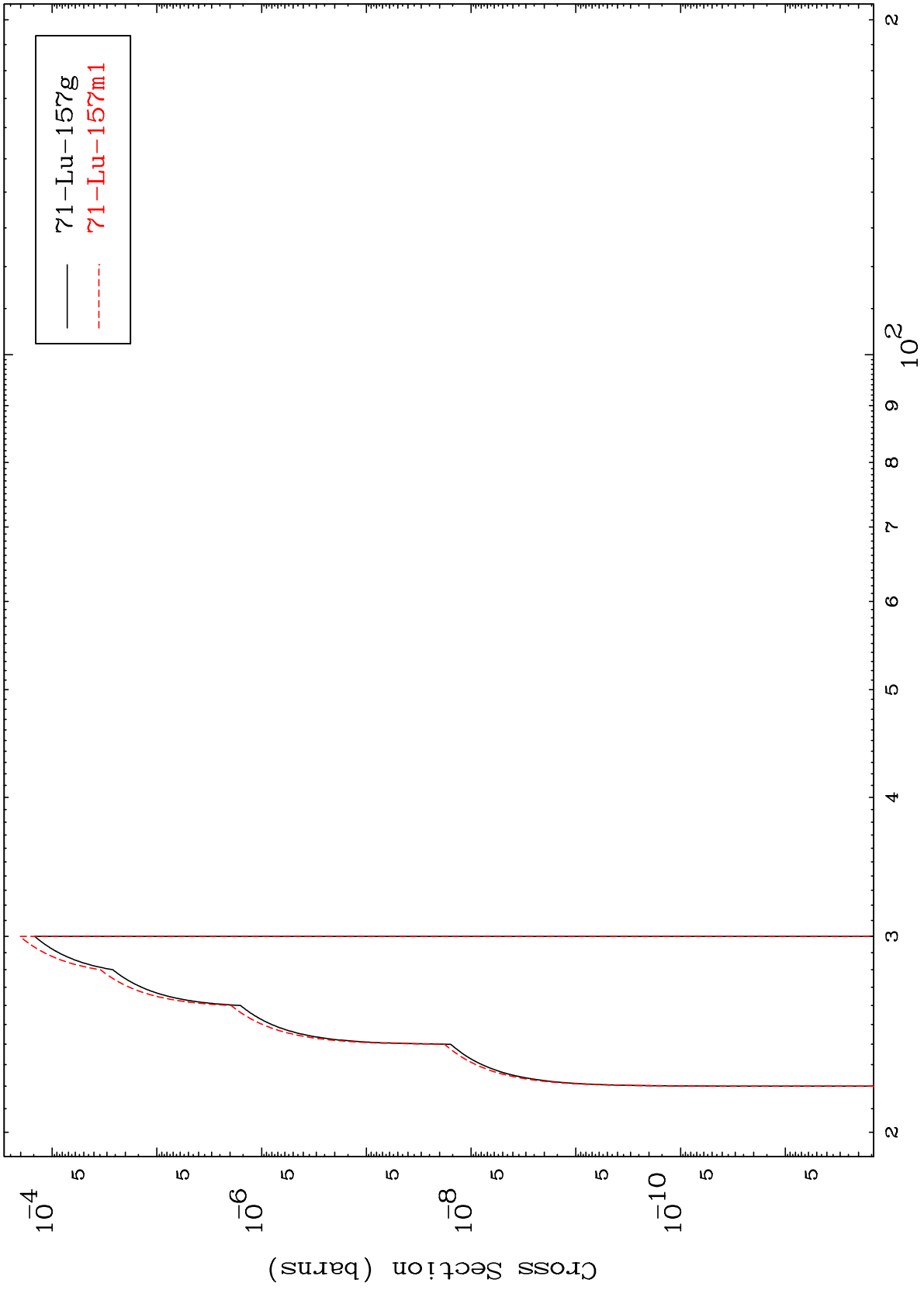
71-Lu-159

MAT 7077

(d,2n) d

⁷¹Lu-159

Radionuclide Production Cross Section



13

Incident Energy (MeV)

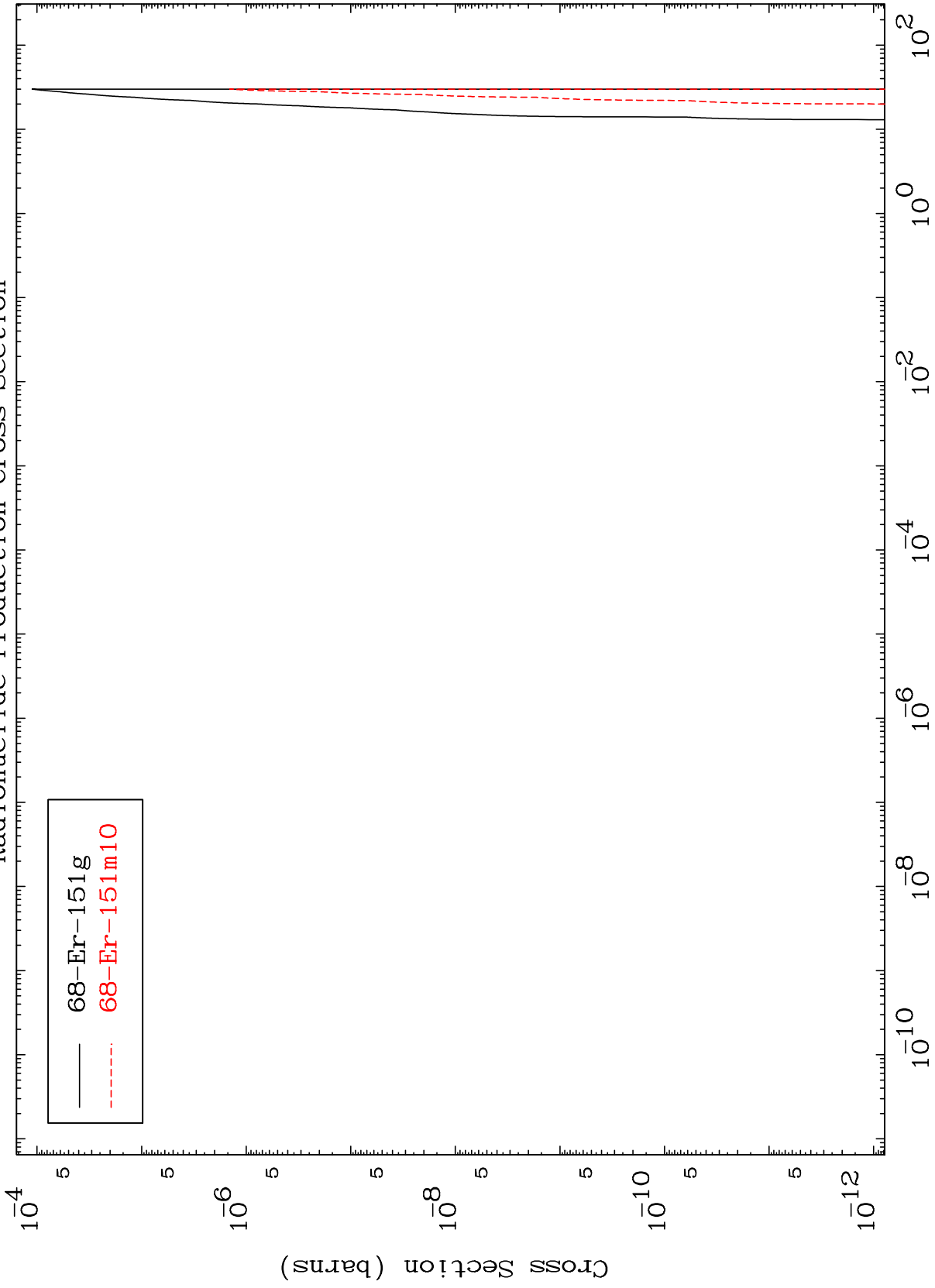
⁷¹Lu-159

MAT 7077

(d,2n) 2 α

⁷¹Lu-159

Radionuclide Production Cross Section



14

Incident Energy (MeV)

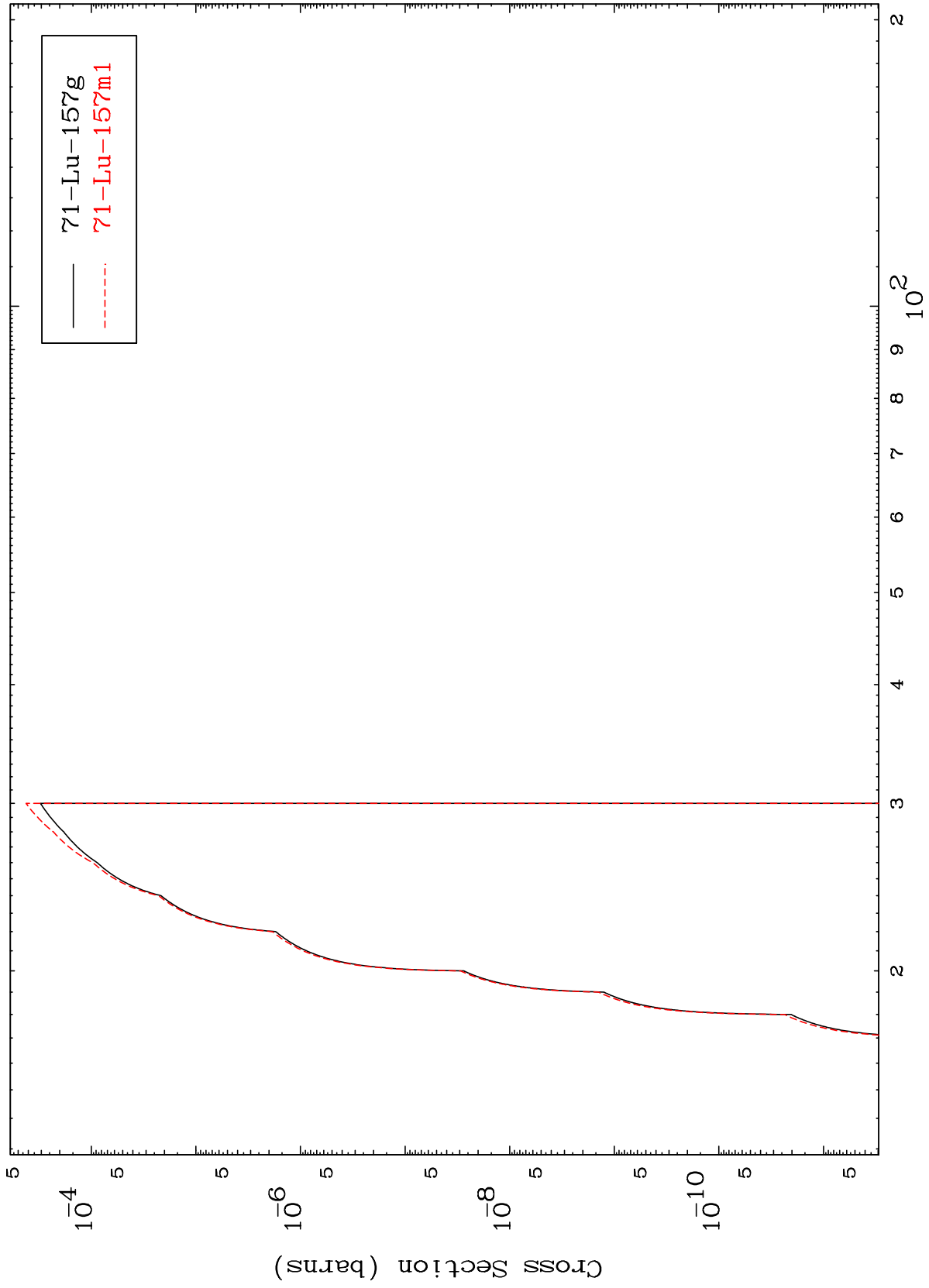
⁷¹Lu-159

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(d,n') t

⁷¹Lu-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

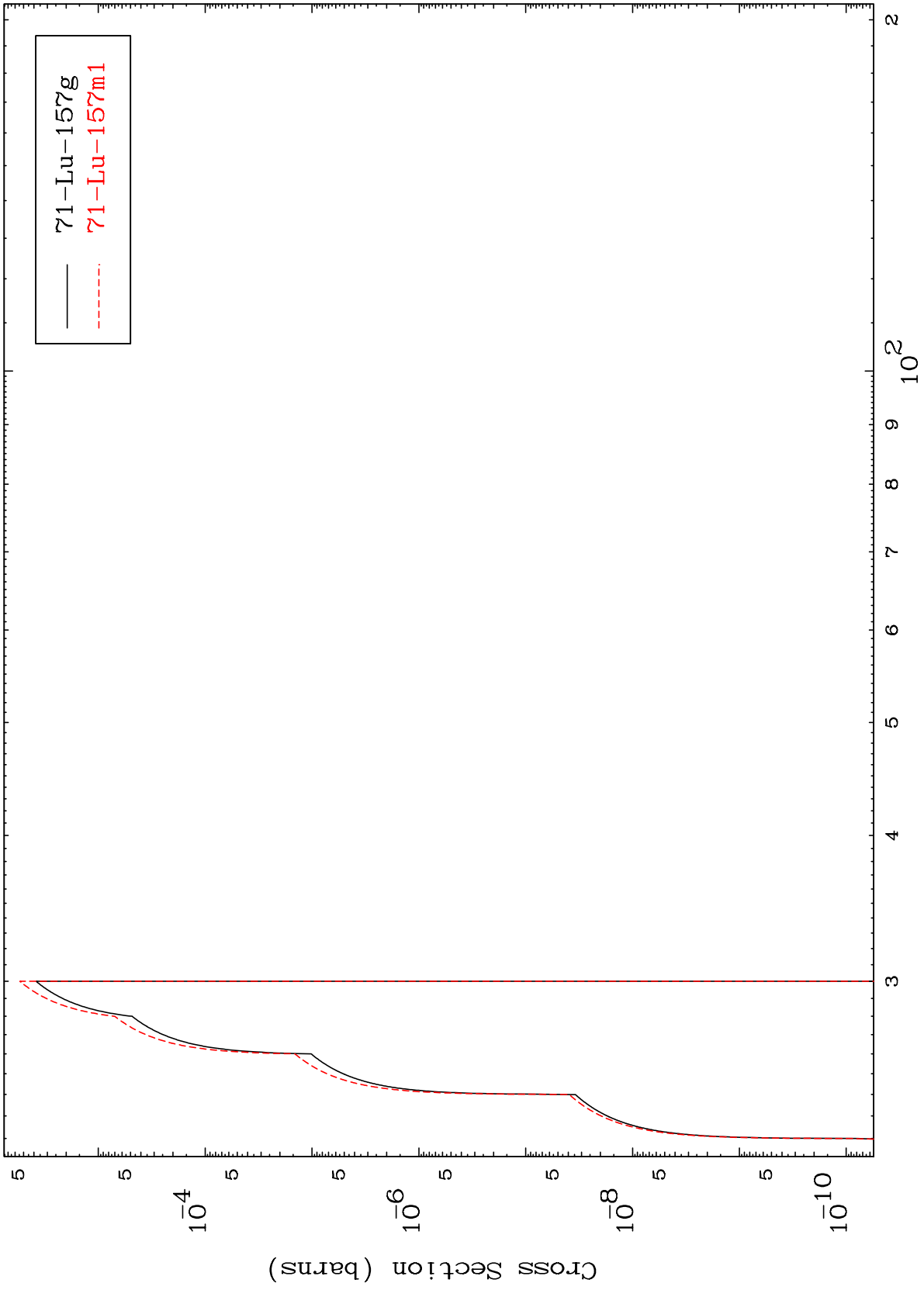
⁷¹Lu-159

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(d,3n) p

⁷¹Lu-159

Radionuclide Production Cross Section



16

Incident Energy (MeV)

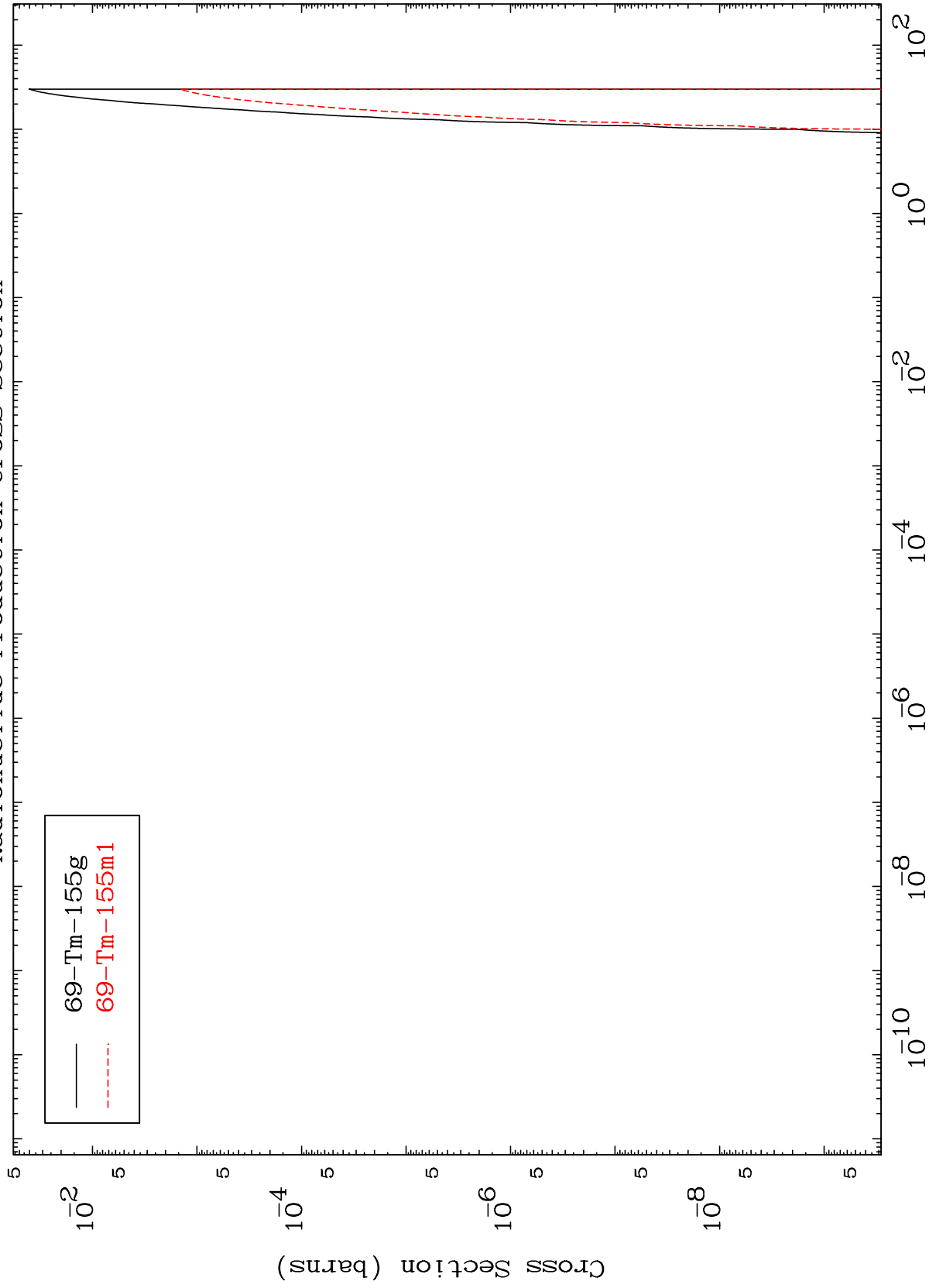
⁷¹Lu-159

MAT 7077

(d,n') p α

71-Lu-159

Radionuclide Production Cross Section



17

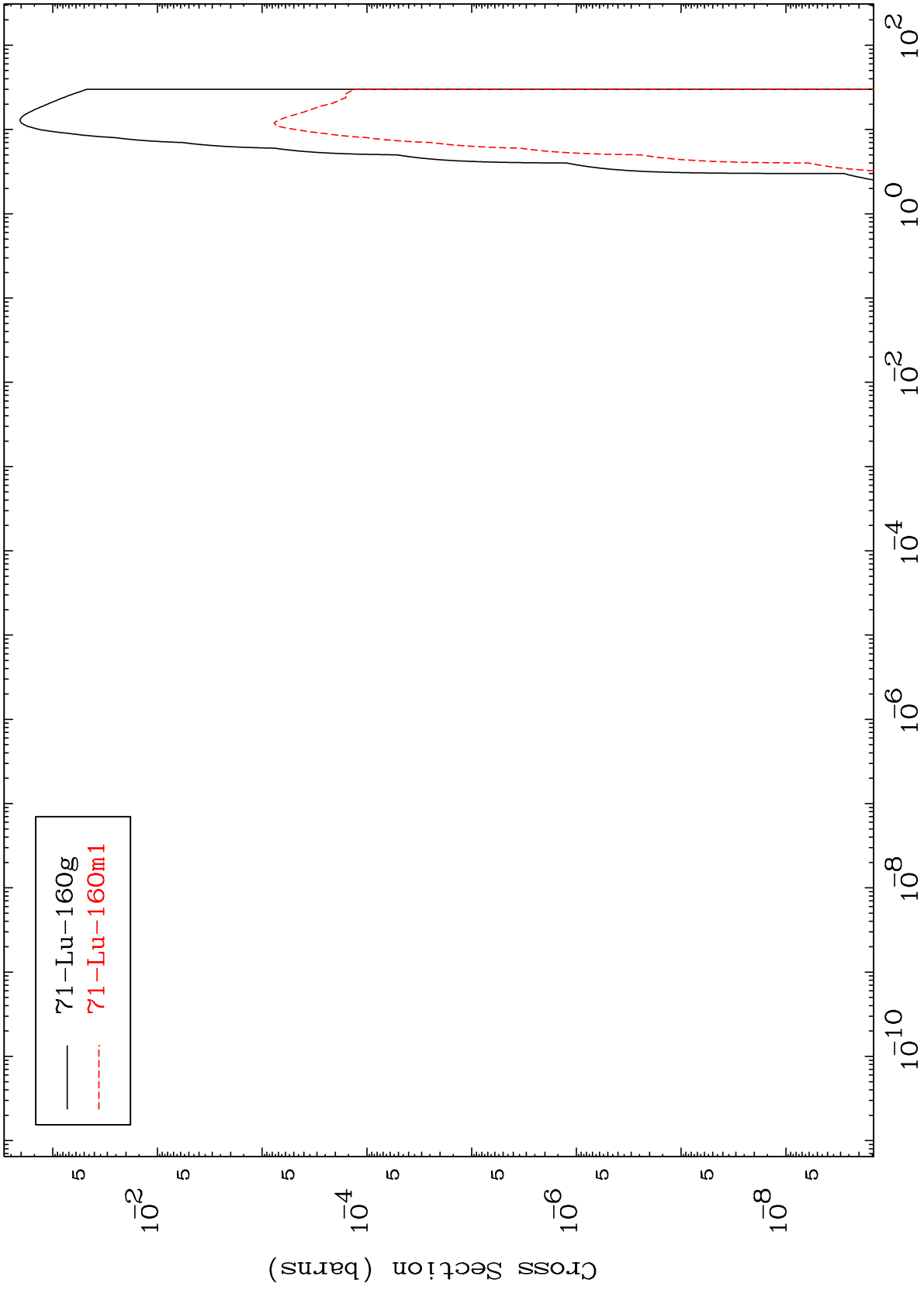
Incident Energy (MeV)

71-Lu-159

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(d,p)
Radionuclide Production Cross Section

⁷¹Lu-159



18

Incident Energy (MeV)

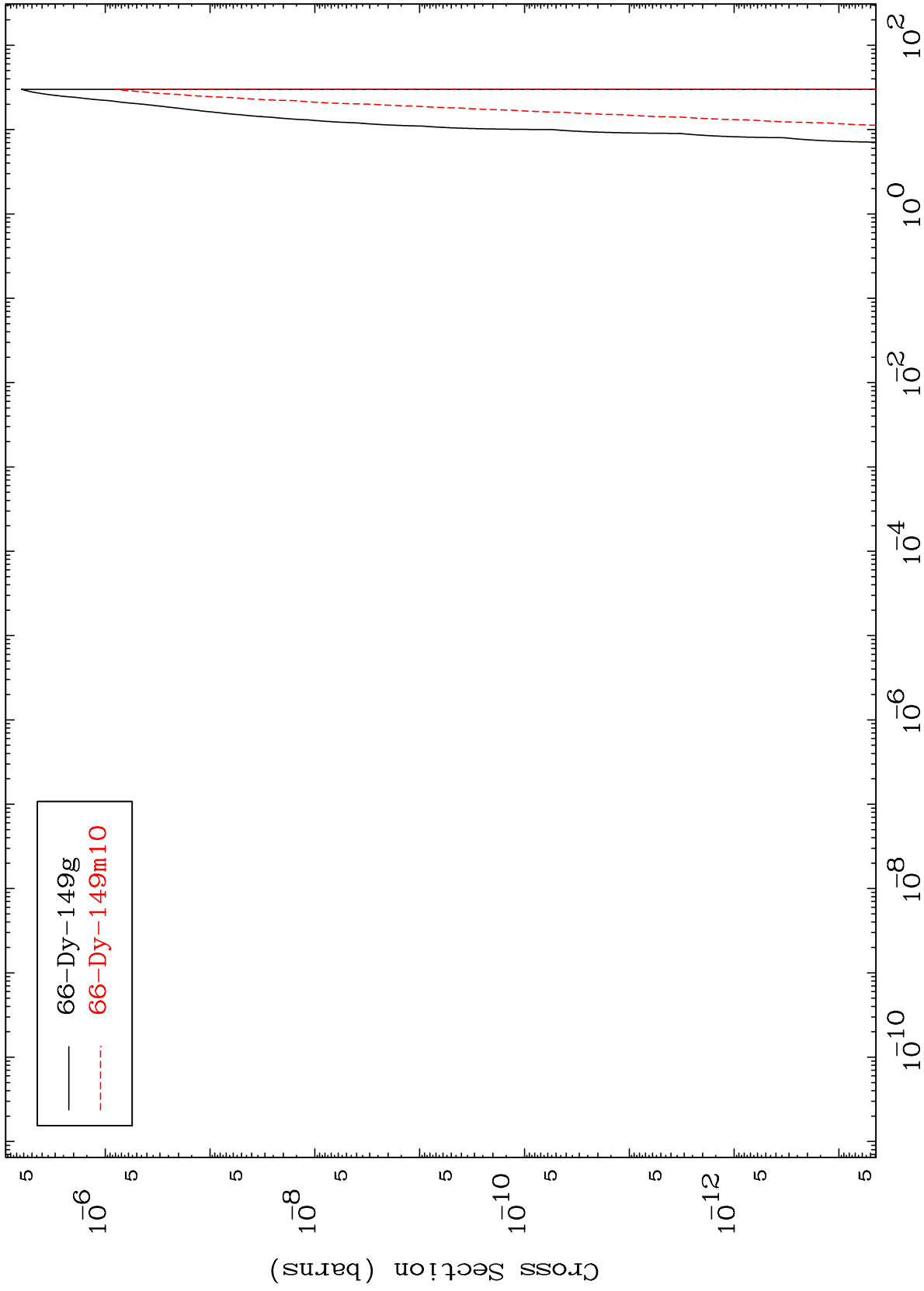
⁷¹Lu-159

MAT 7077

(d,3α)

⁷¹Lu-159

Radionuclide Production Cross Section



19

Incident Energy (MeV)

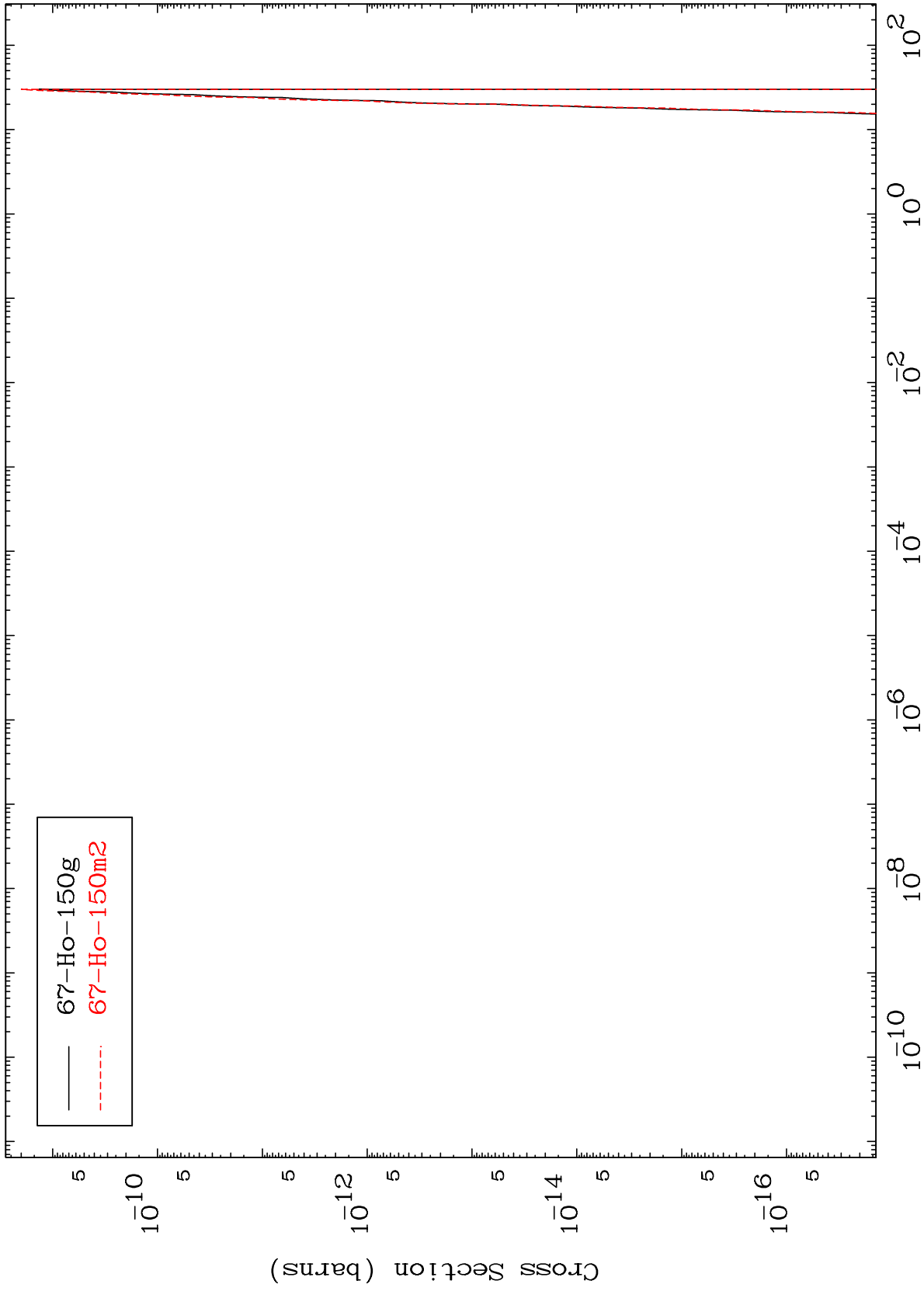
⁷¹Lu-159

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(d,t) 2α

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

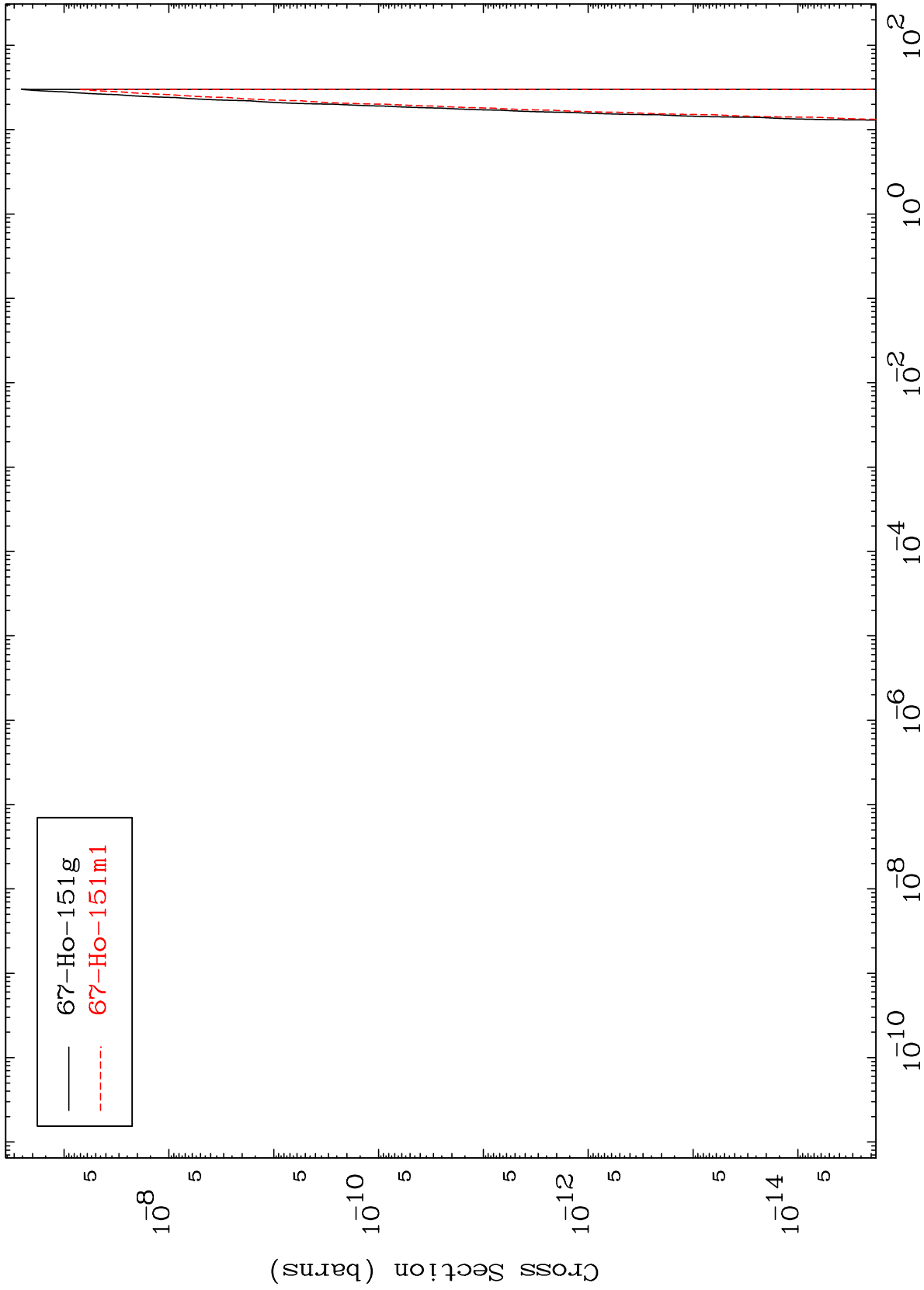
$^{71}\text{Lu-159}$

MAT 7077

(d,d) 2α

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

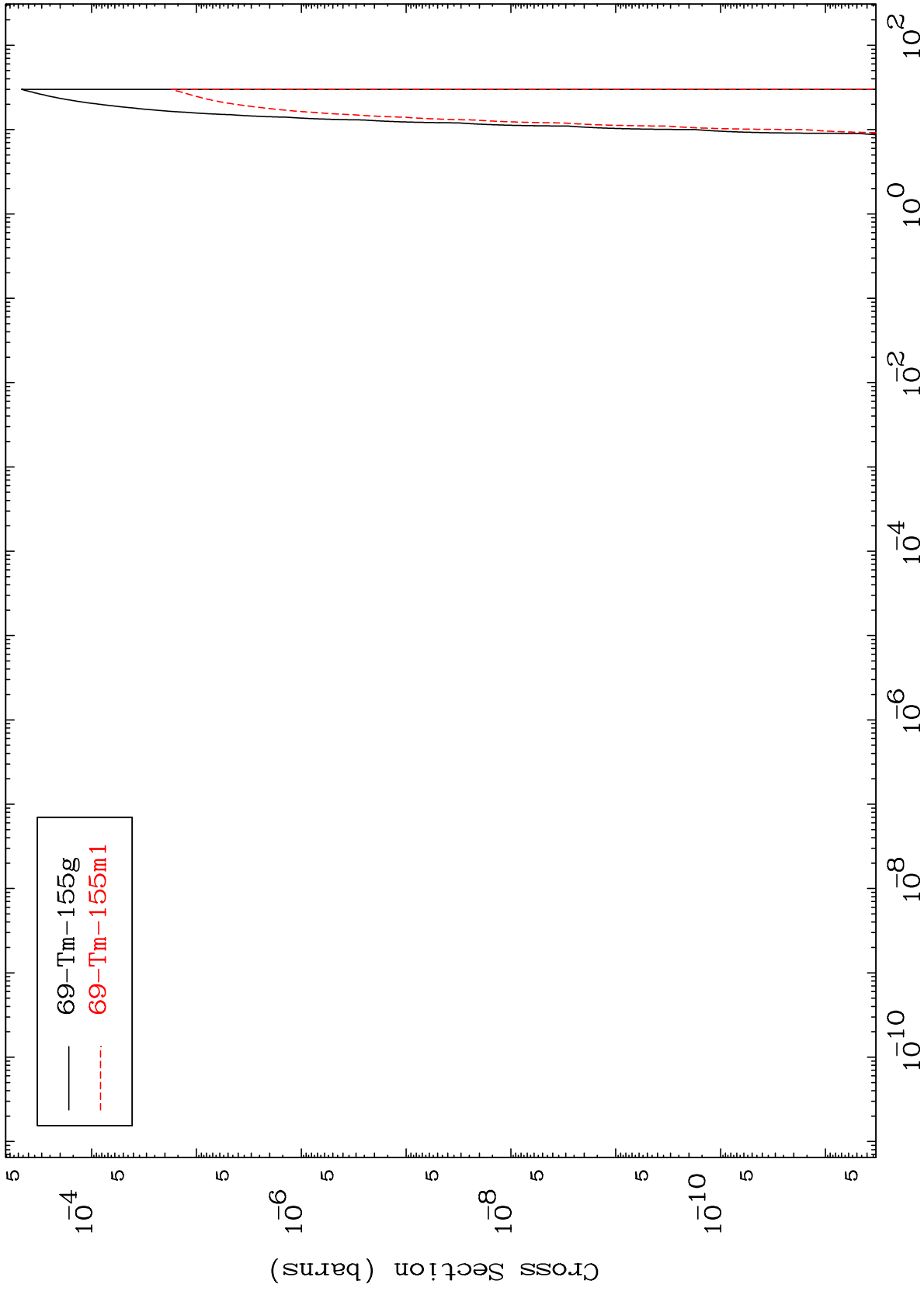
$^{71}\text{Lu-159}$

MAT 7077

(d,d) α

⁷¹Lu-159

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷¹Lu-159