

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

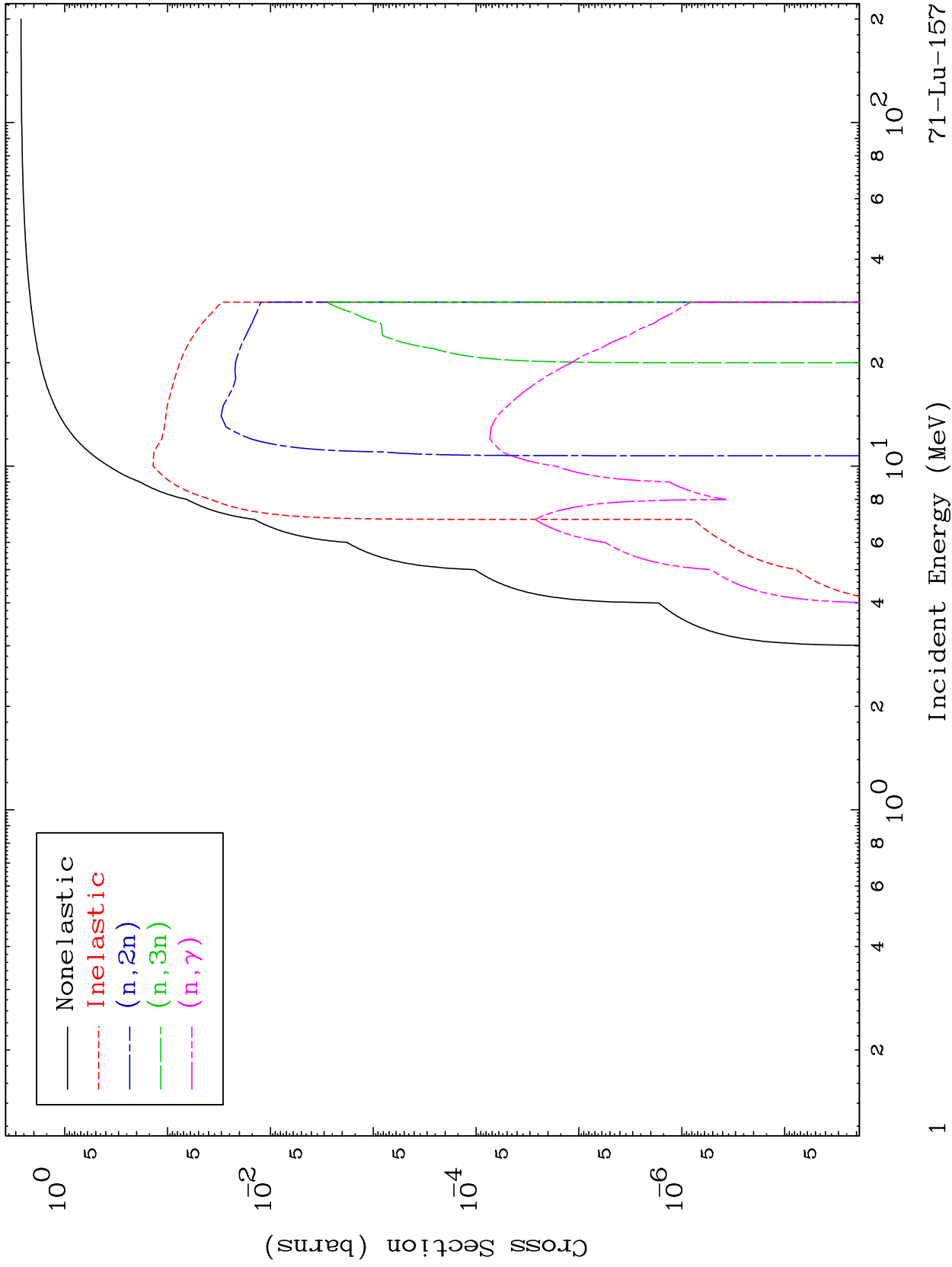
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

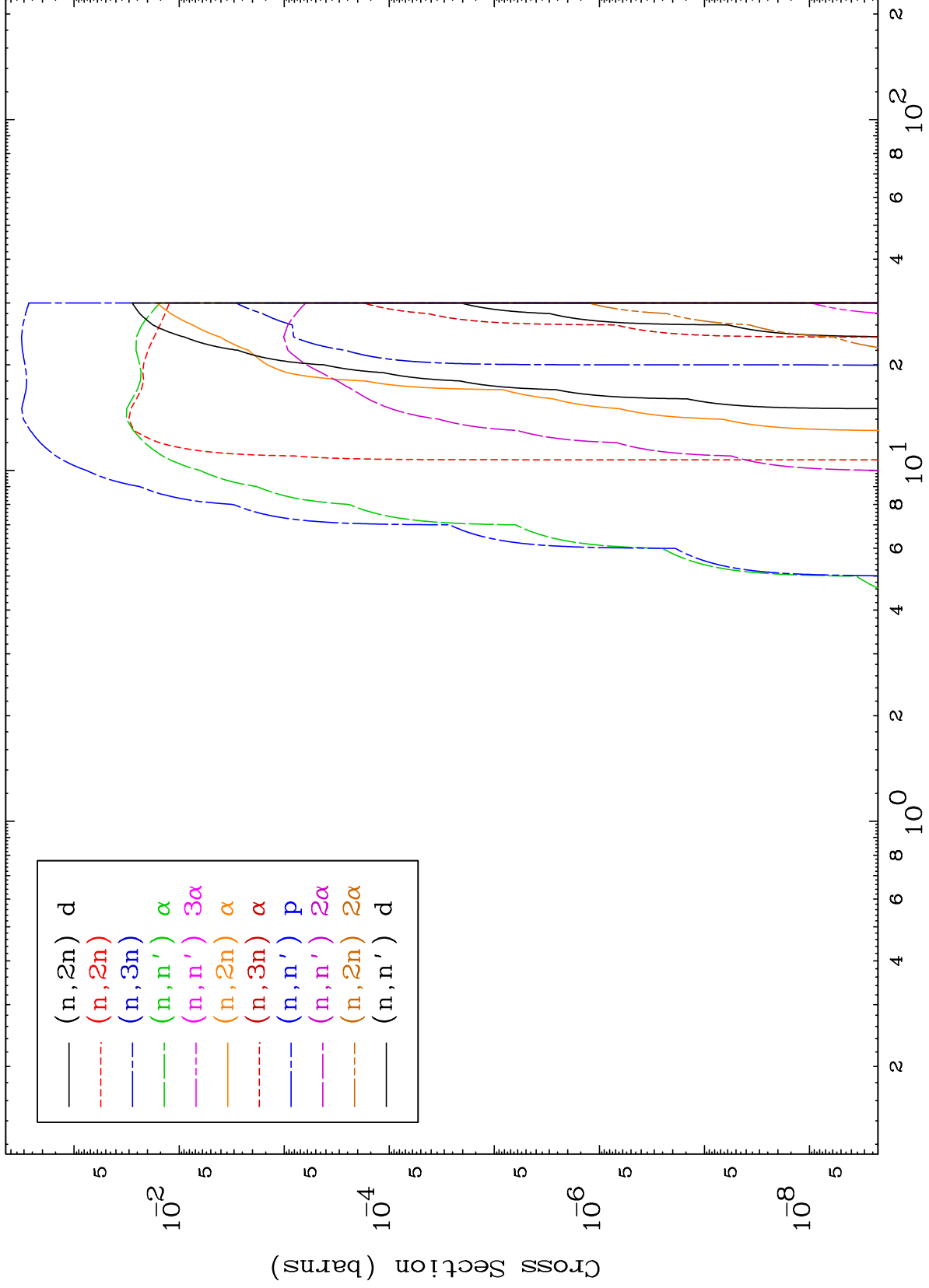
Tele: 925-443-1911

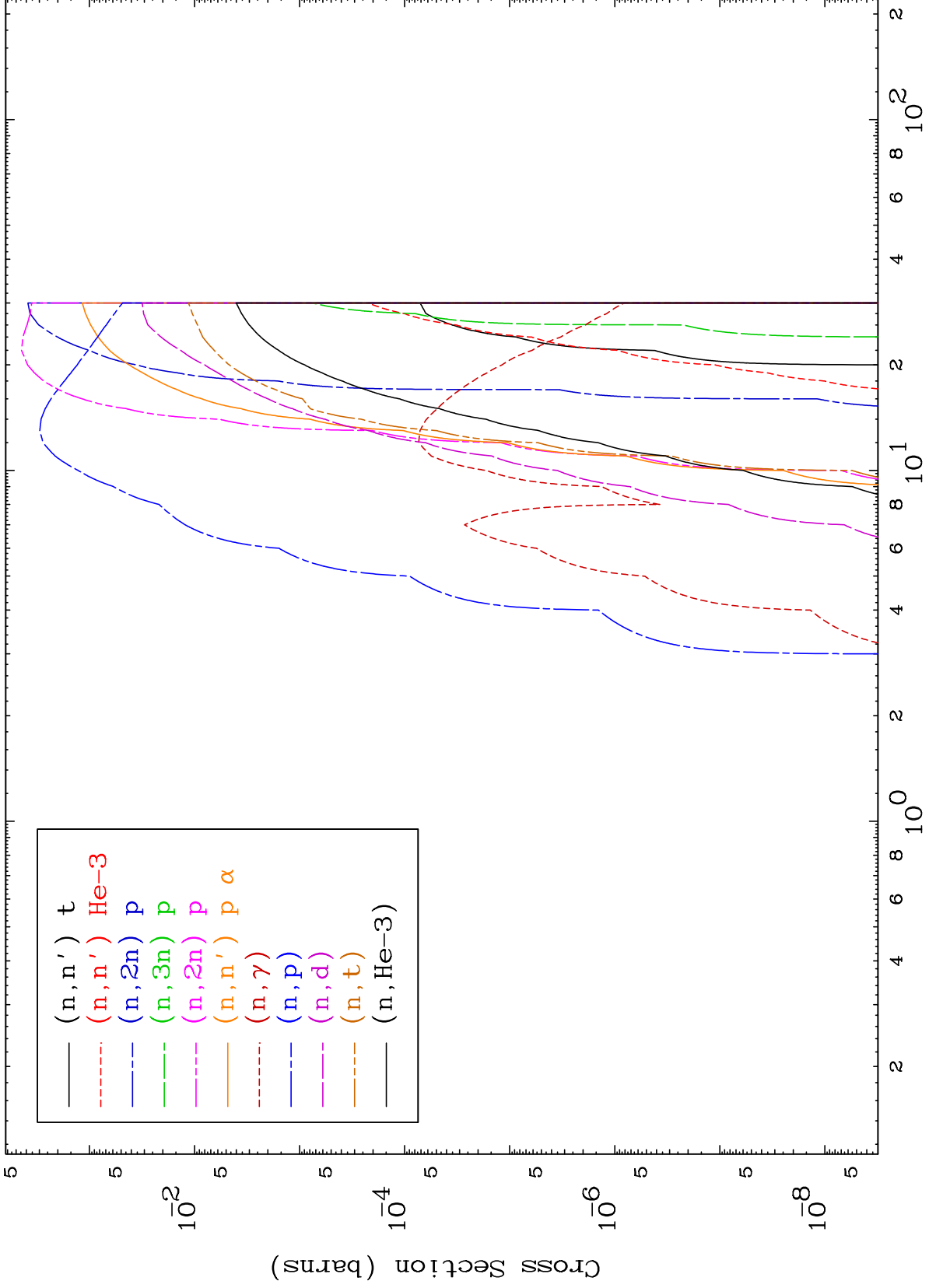
E.Mail:redcullen1@comcast.net

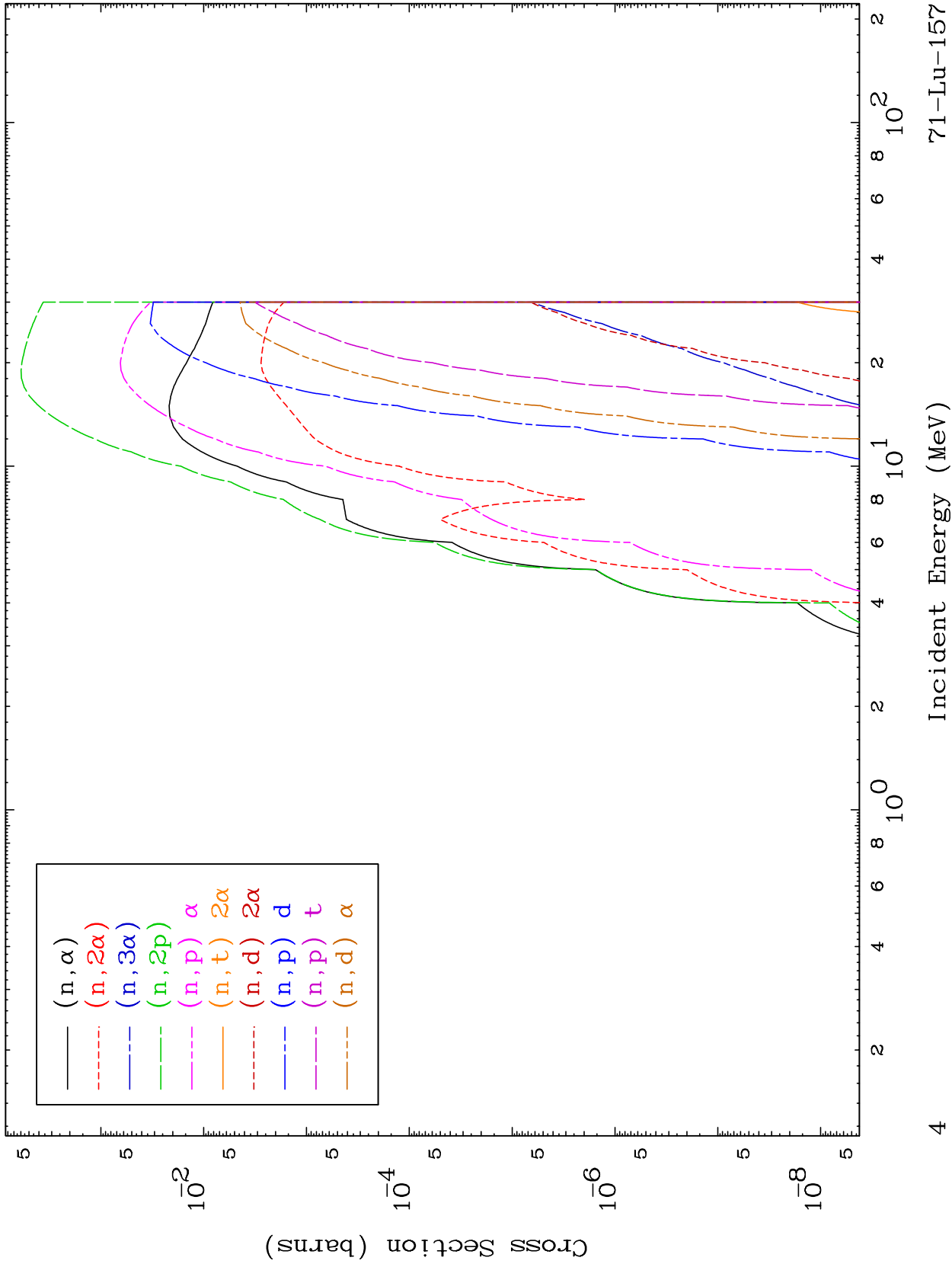
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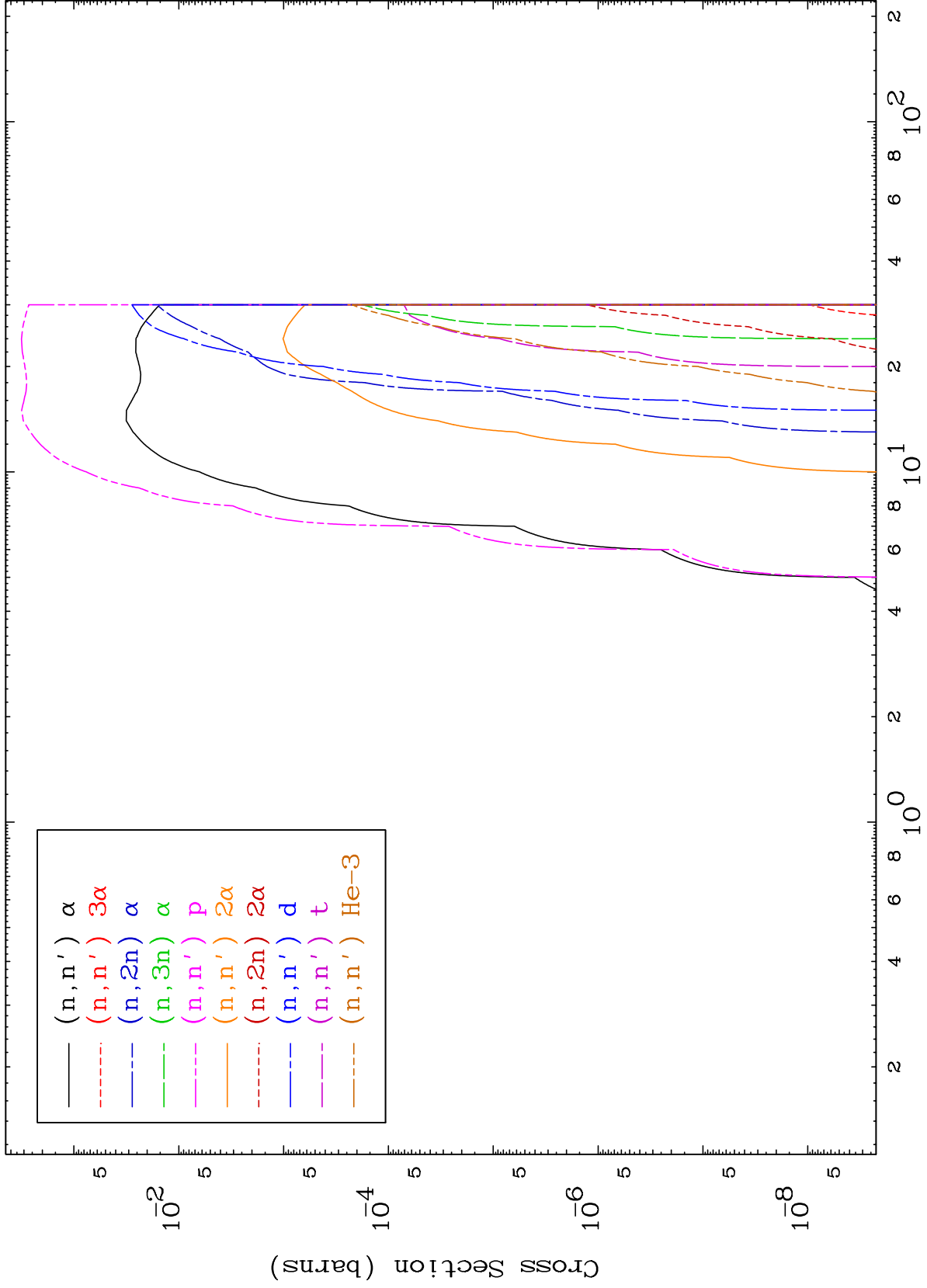
Press Mouse Button to Start

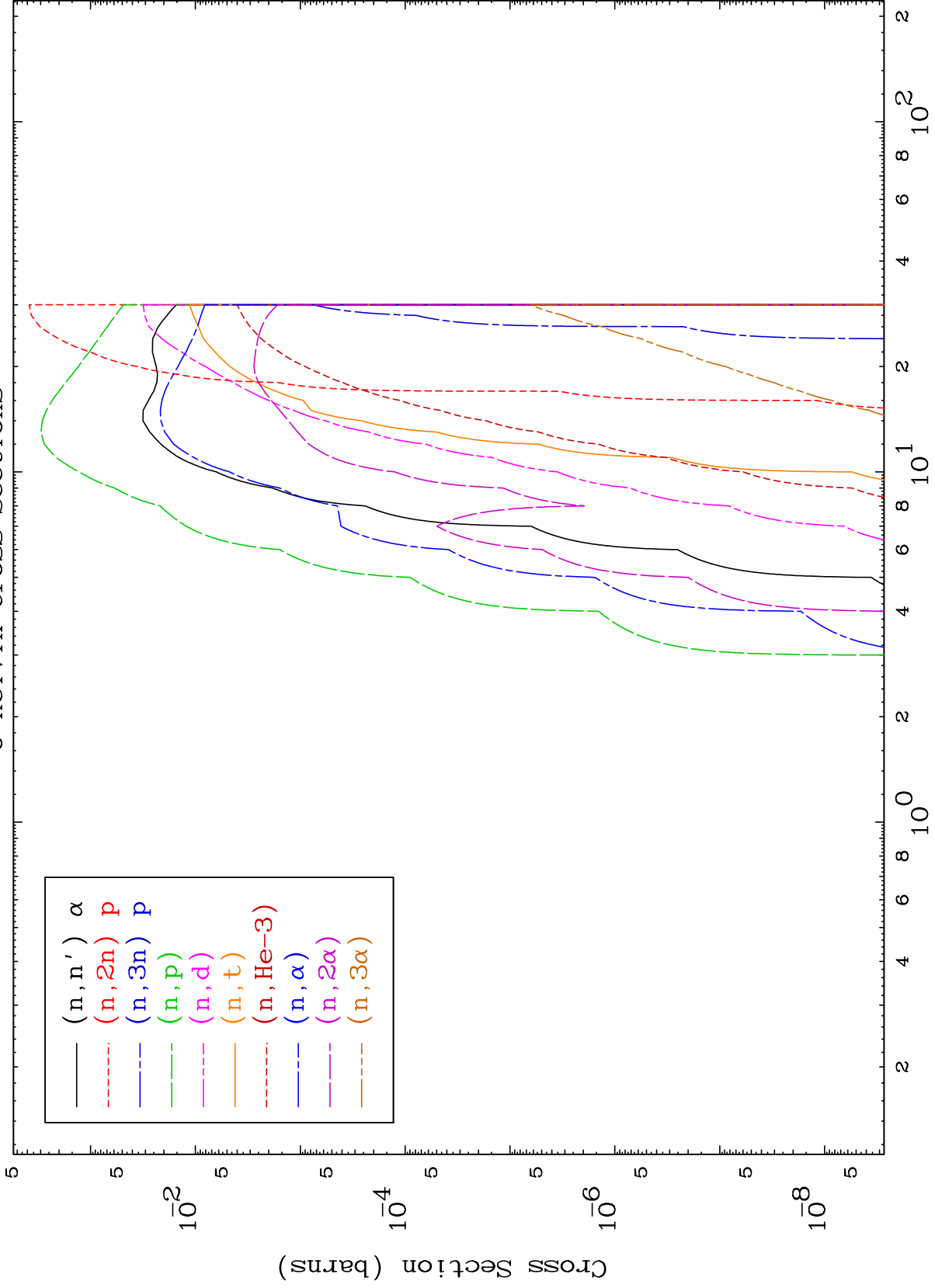


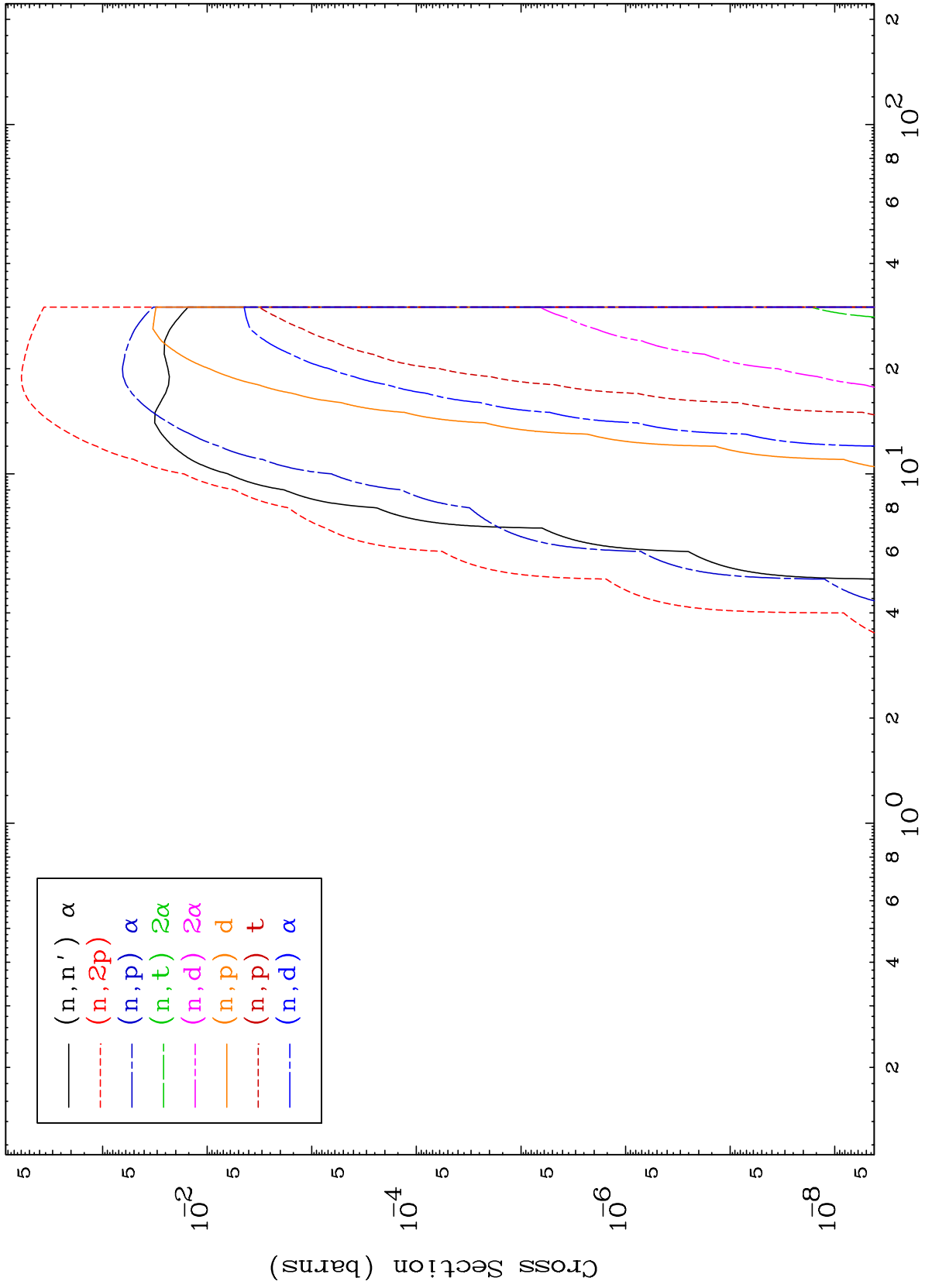










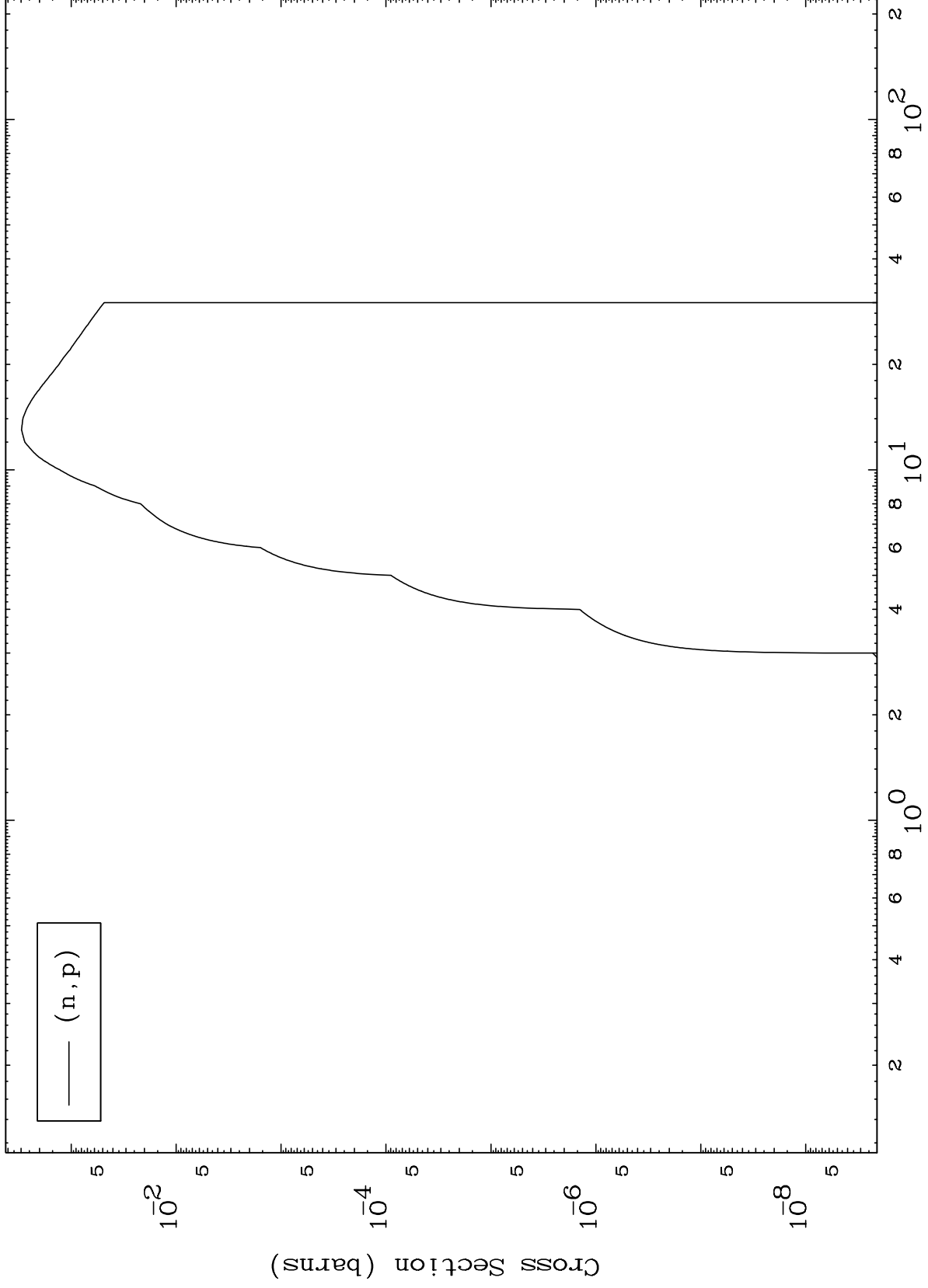


MAT 7071

(d,p) Levels

71-Lu-157

0 Kelvin Cross Sections

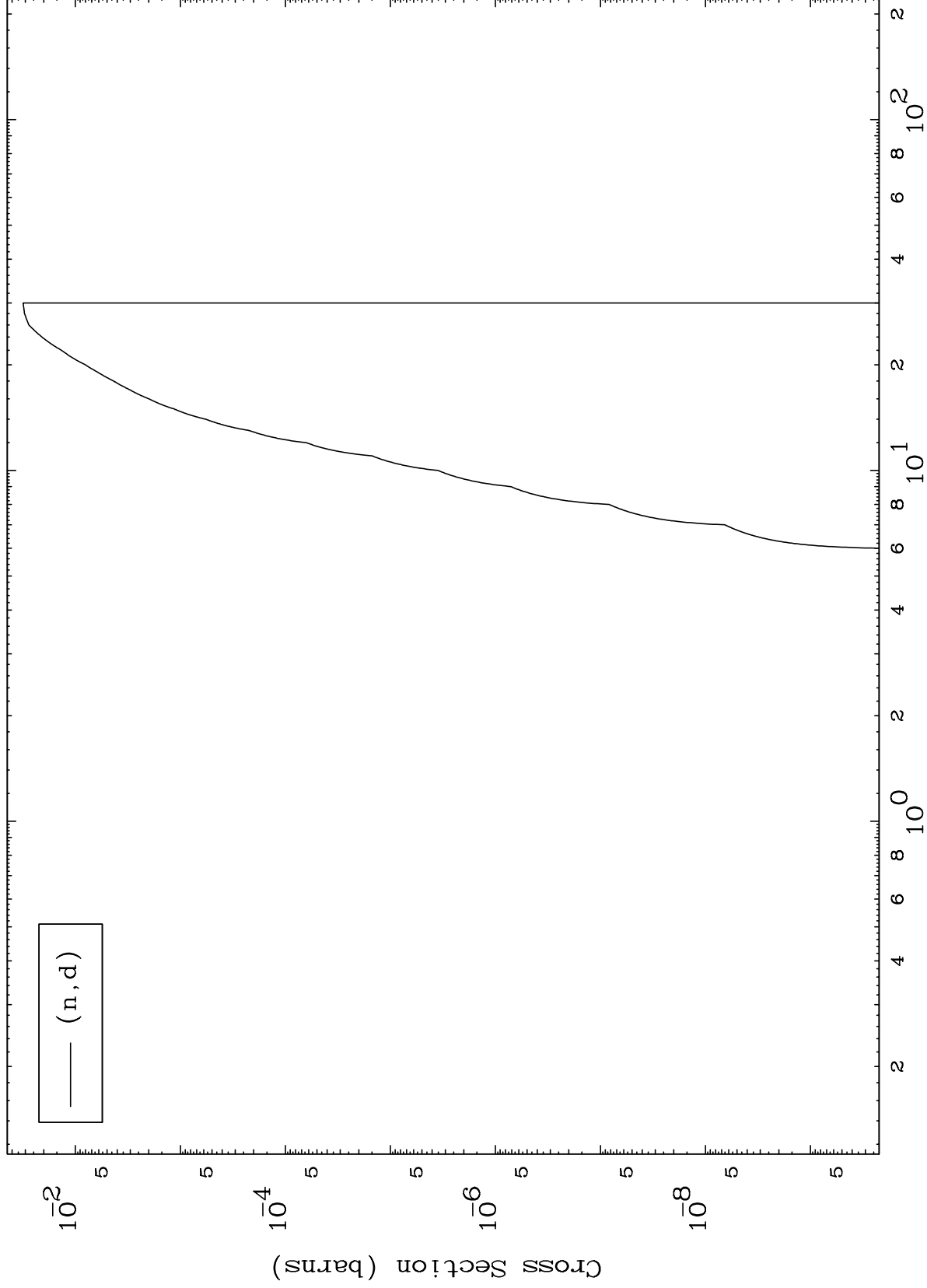


MAT 7071

(d,d) Levels

71-Lu-157

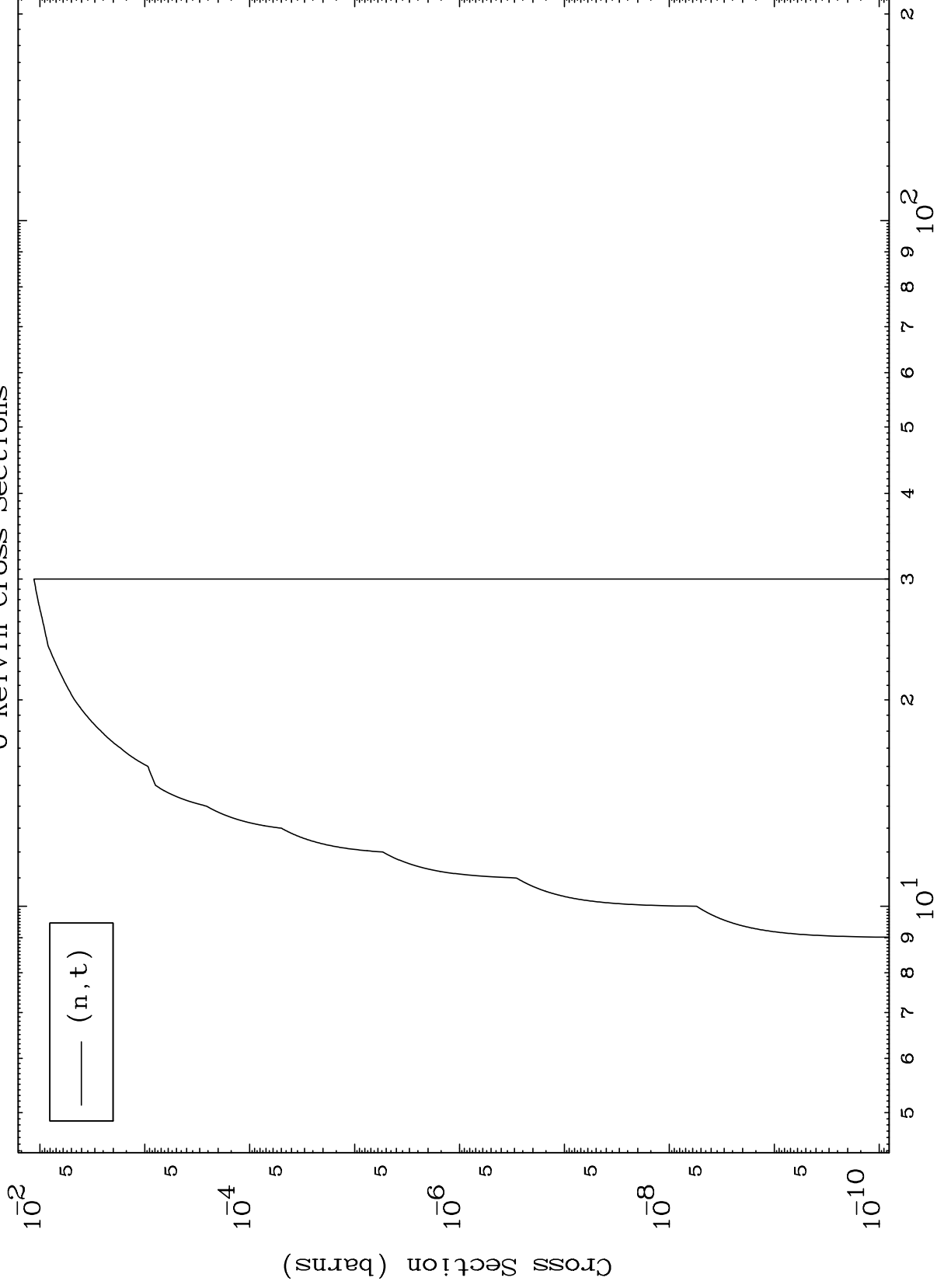
0 Kelvin Cross Sections



MAT 7071

(d,t) Levels
0 Kelvin Cross Sections

71-Lu-157



Incident Energy (MeV)

71-Lu-157

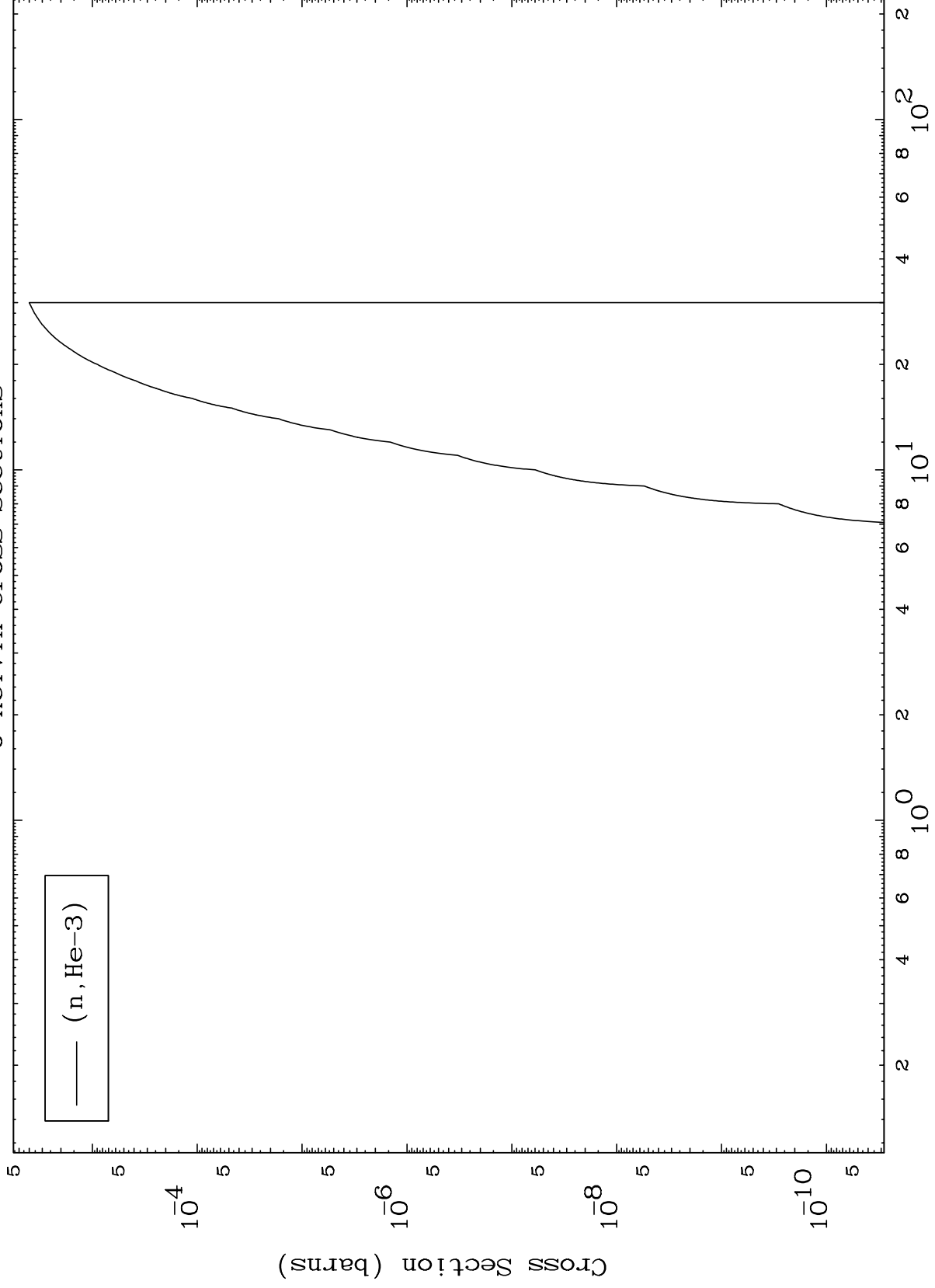
10

MAT 7071

(d,He3) Levels

71-Lu-157

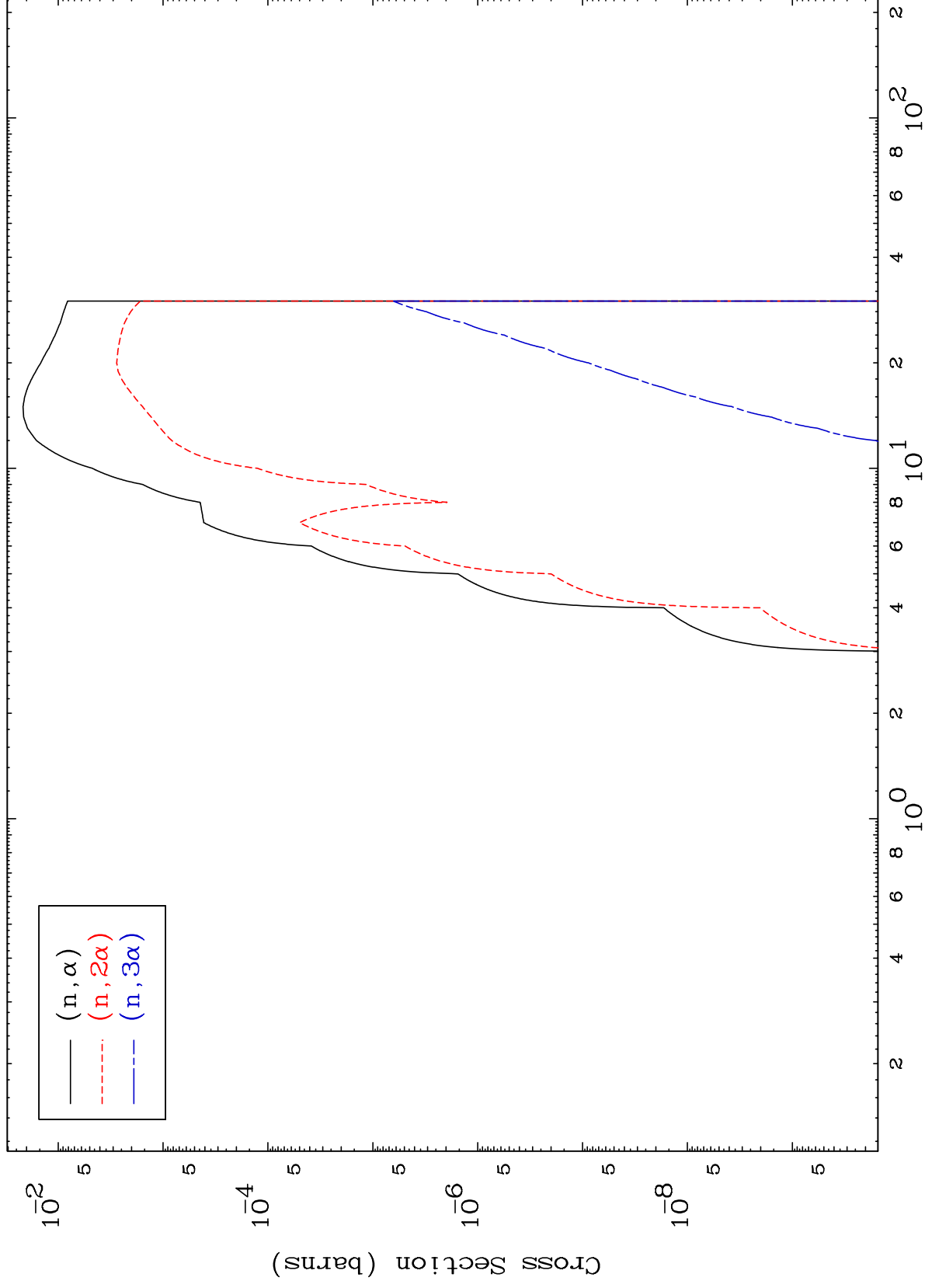
0 Kelvin Cross Sections



MAT 7071

71-Lu-157

(d, α) Levels
0 Kelvin Cross Sections



71-Lu-157

Incident Energy (MeV)

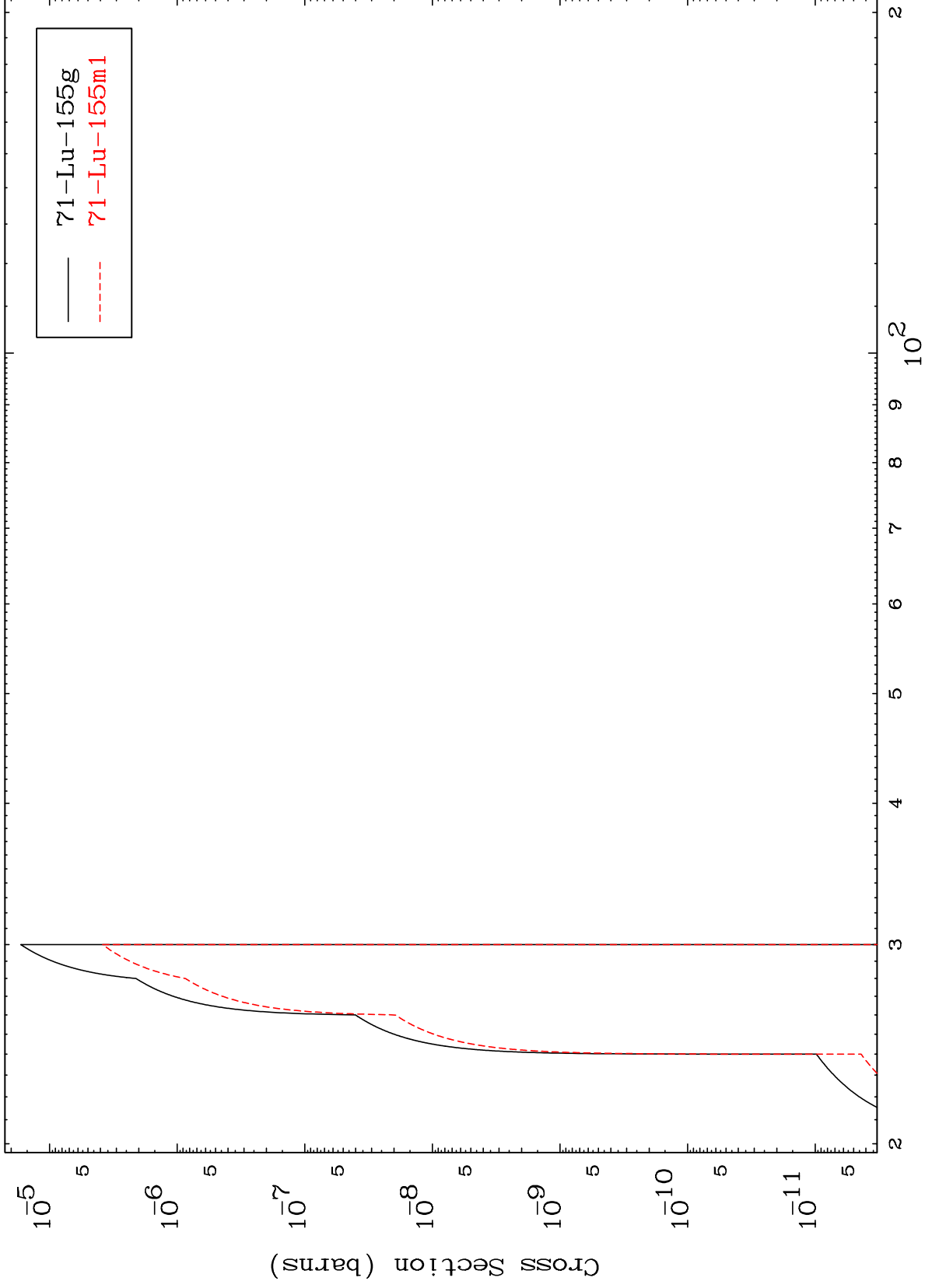
12

MAT 7071

(n,2n) d

71-Lu-157

Radionuclide Production Cross Section



13

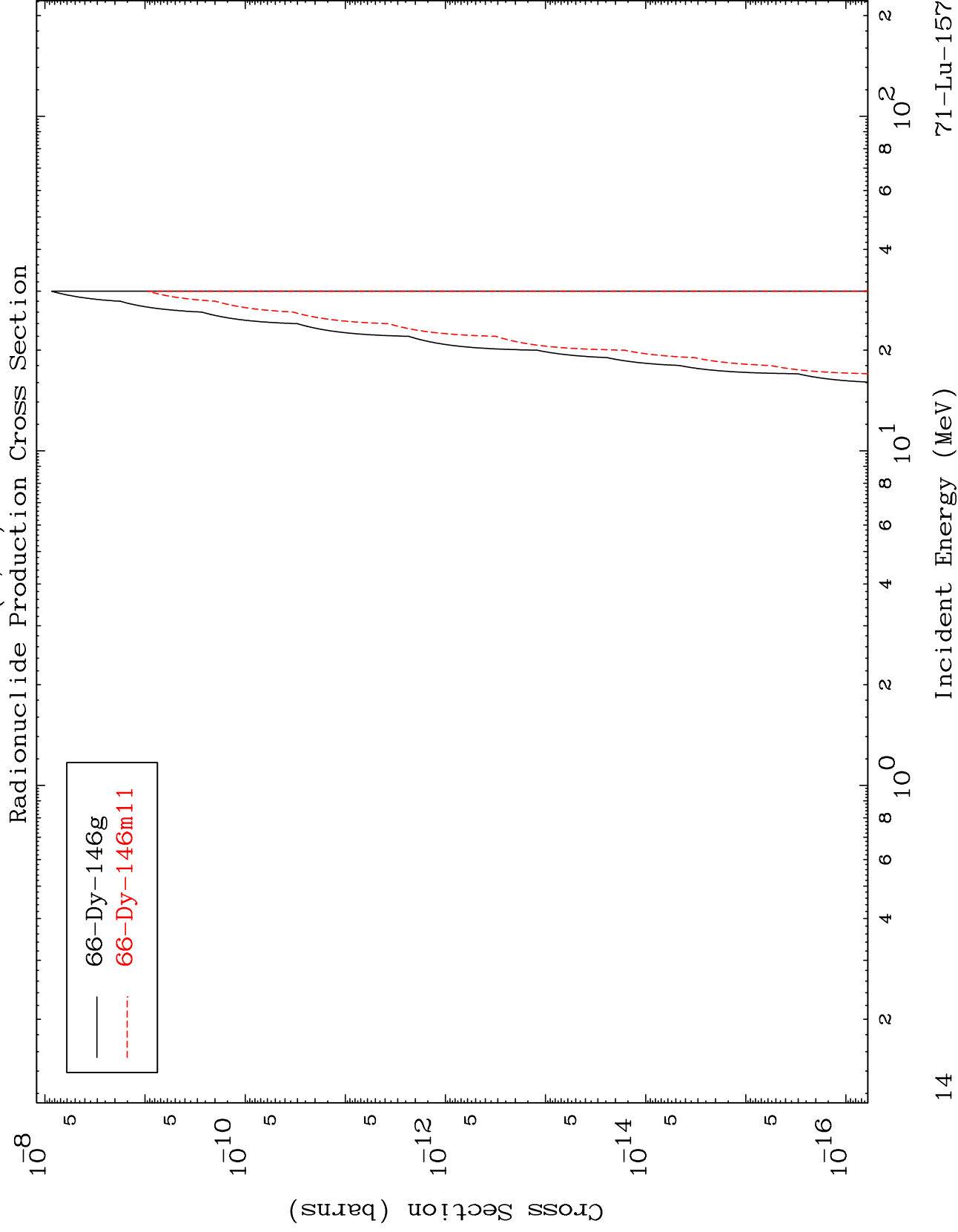
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,n') 3 α

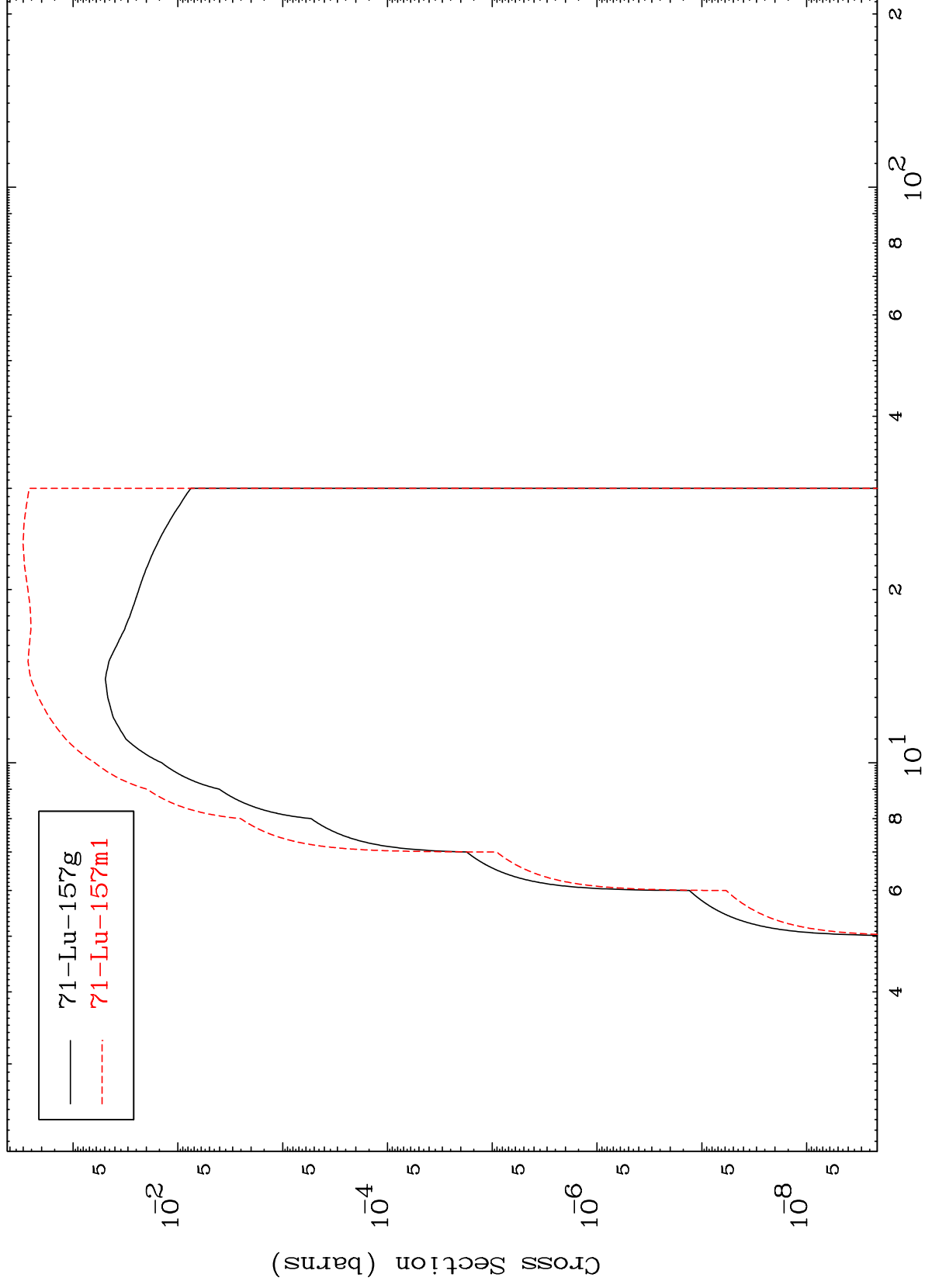
71-Lu-157



MAT 7071

71-Lu-157

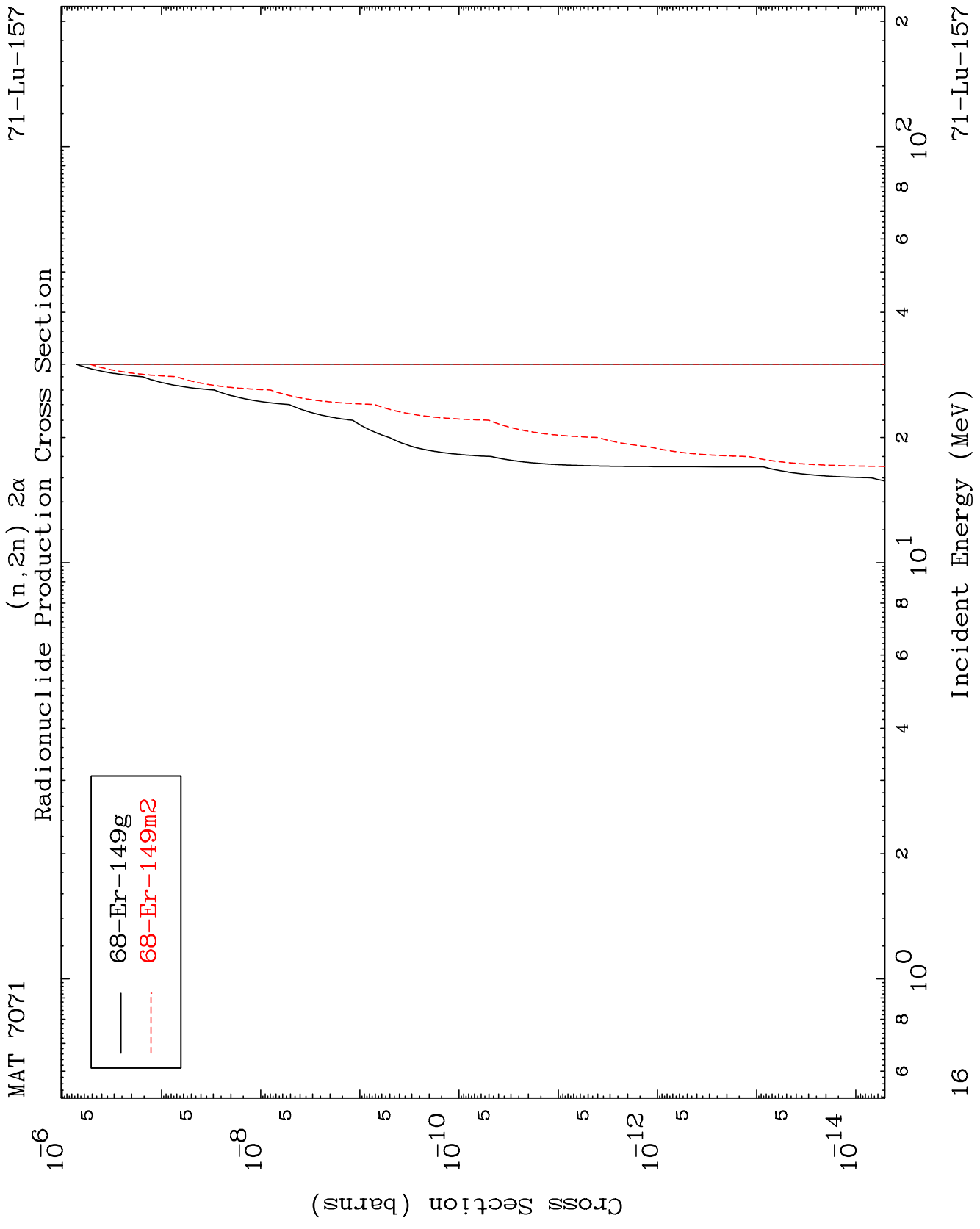
(n,n') p
Radionuclide Production Cross Section



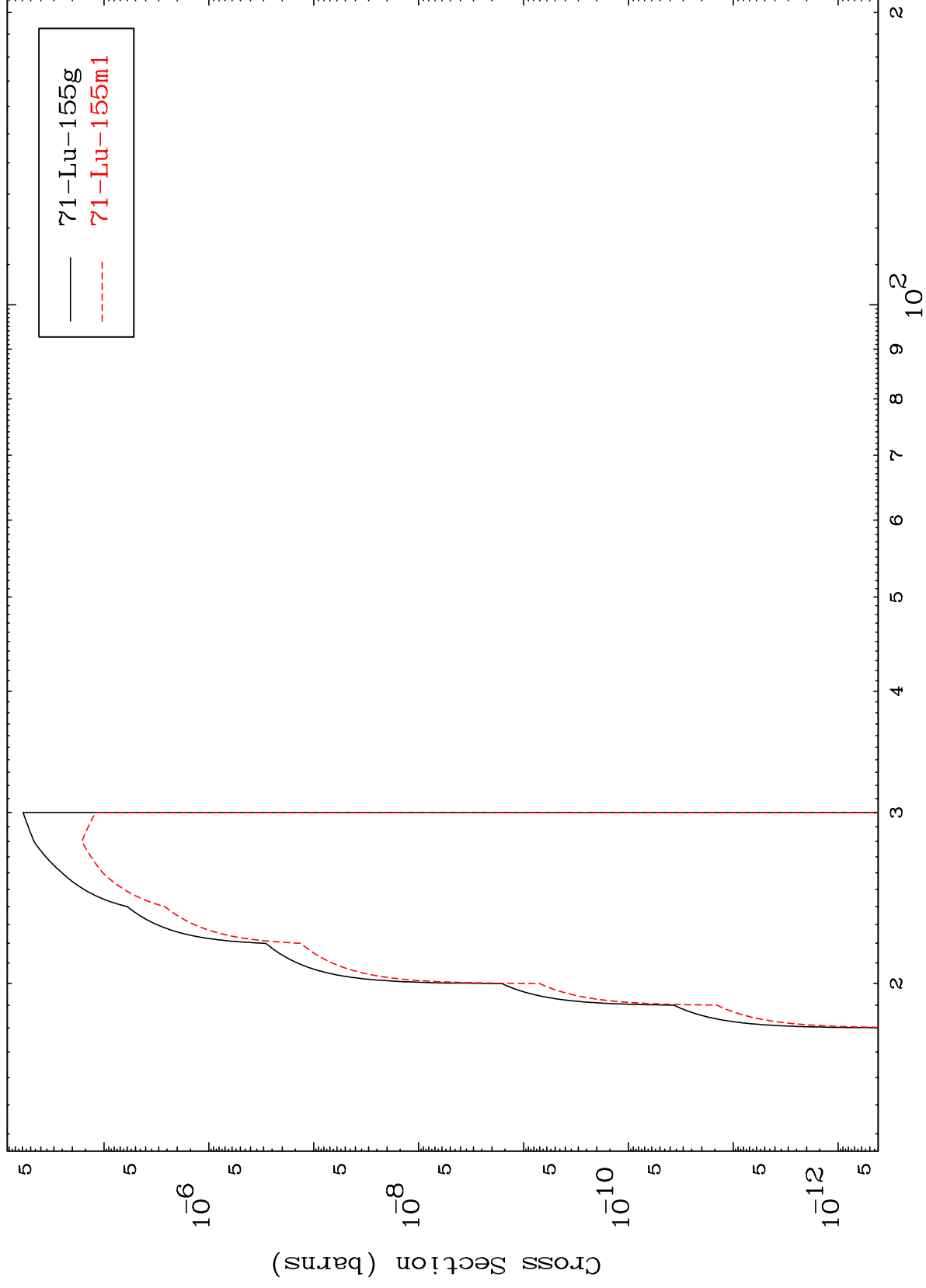
15

71-Lu-157

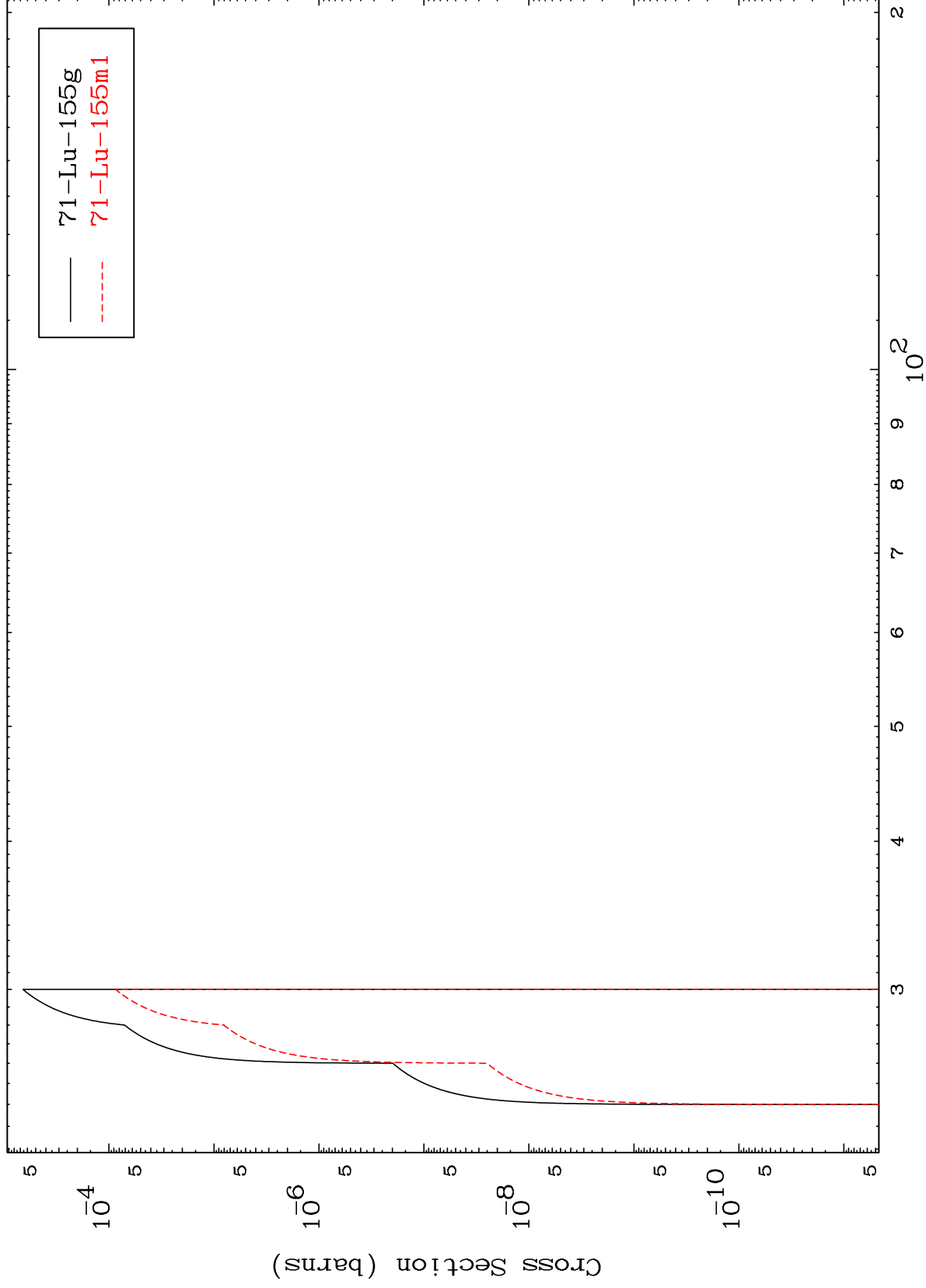
Incident Energy (MeV)



Radionuclide Production Cross Section



Radionuclide Production Cross Section



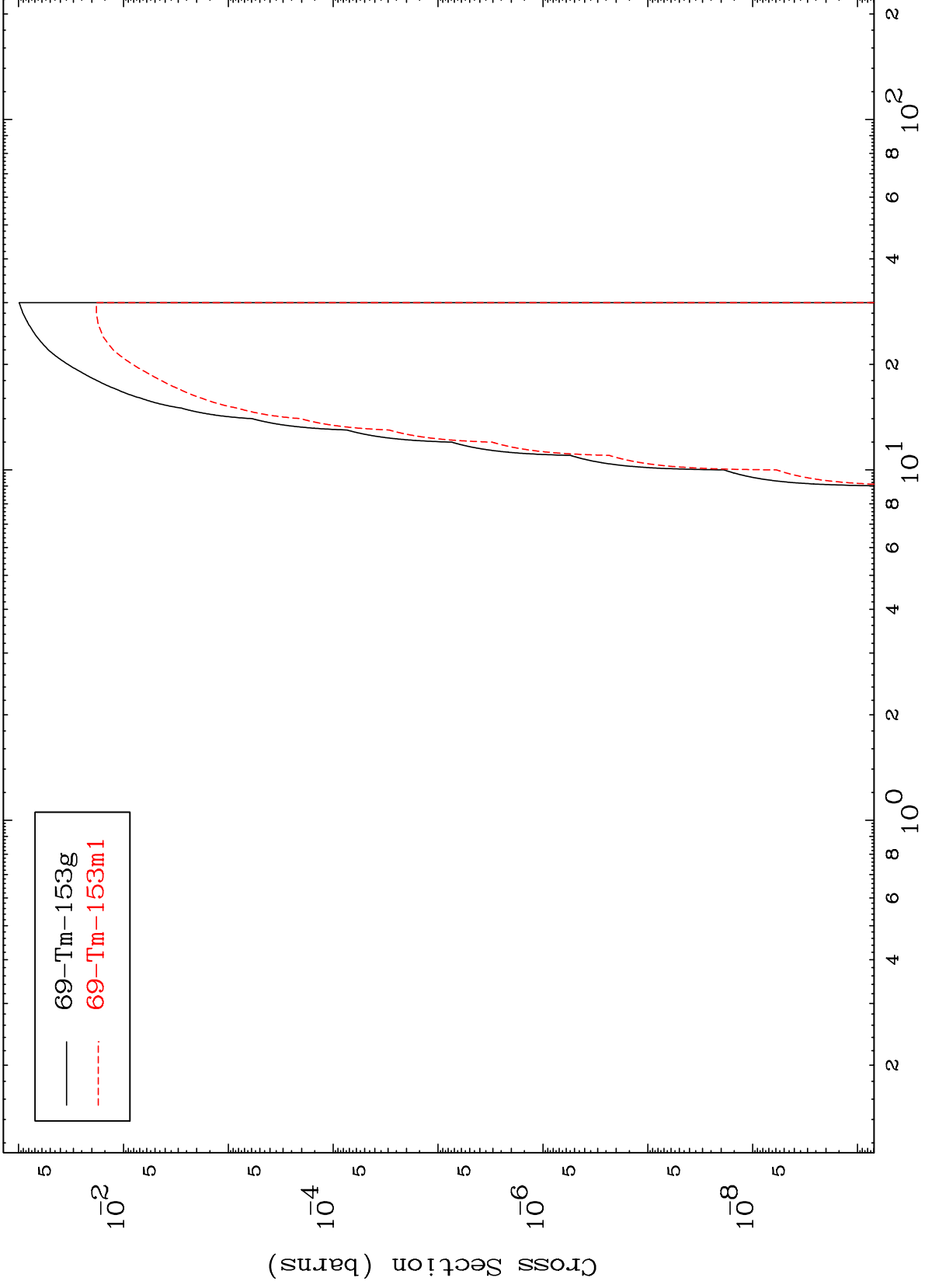
71-Lu-155g
71-Lu-155m1

MAT 7071

(n,n') p α

71-Lu-157

Radionuclide Production Cross Section



19

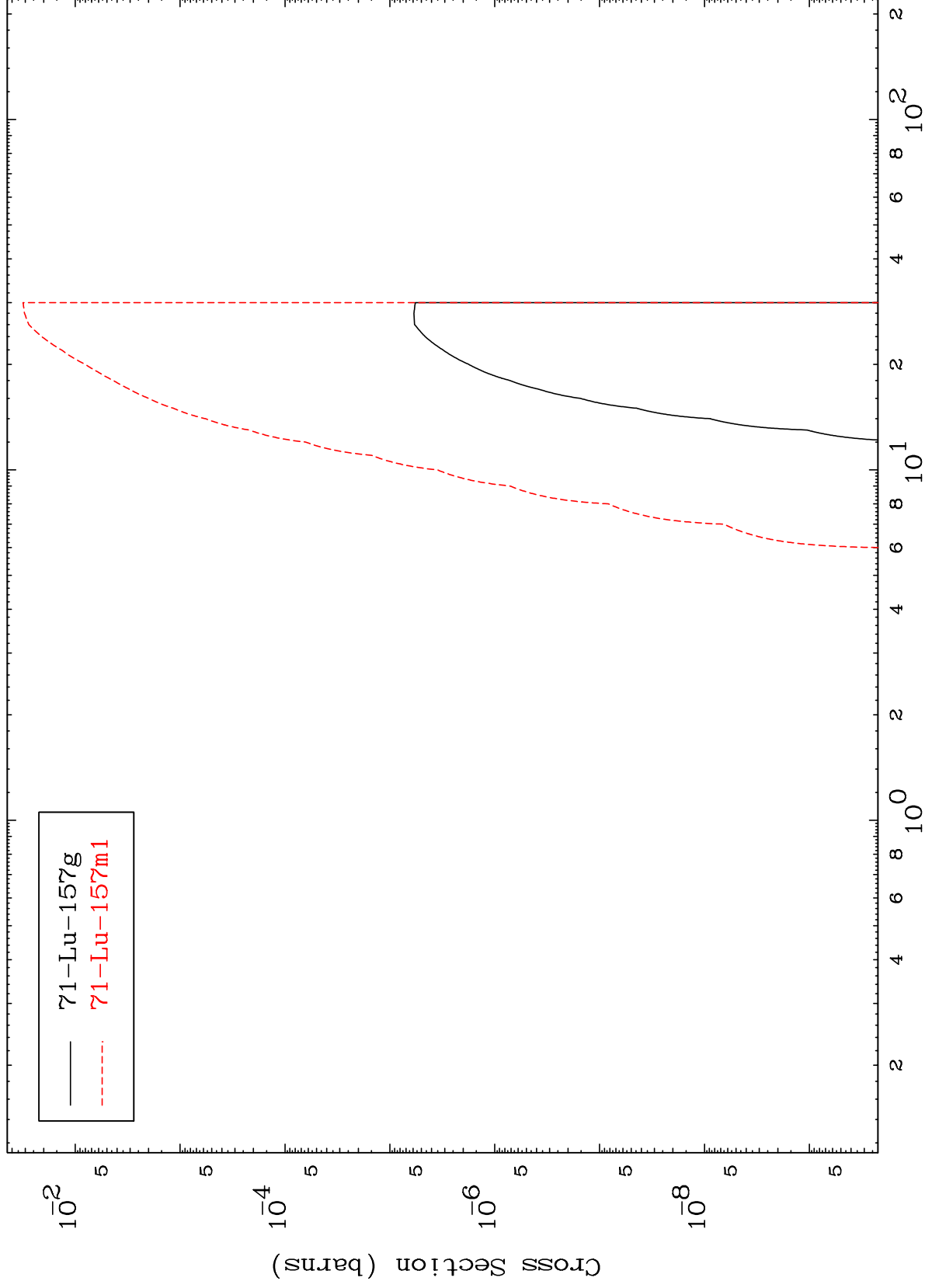
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(n,d)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

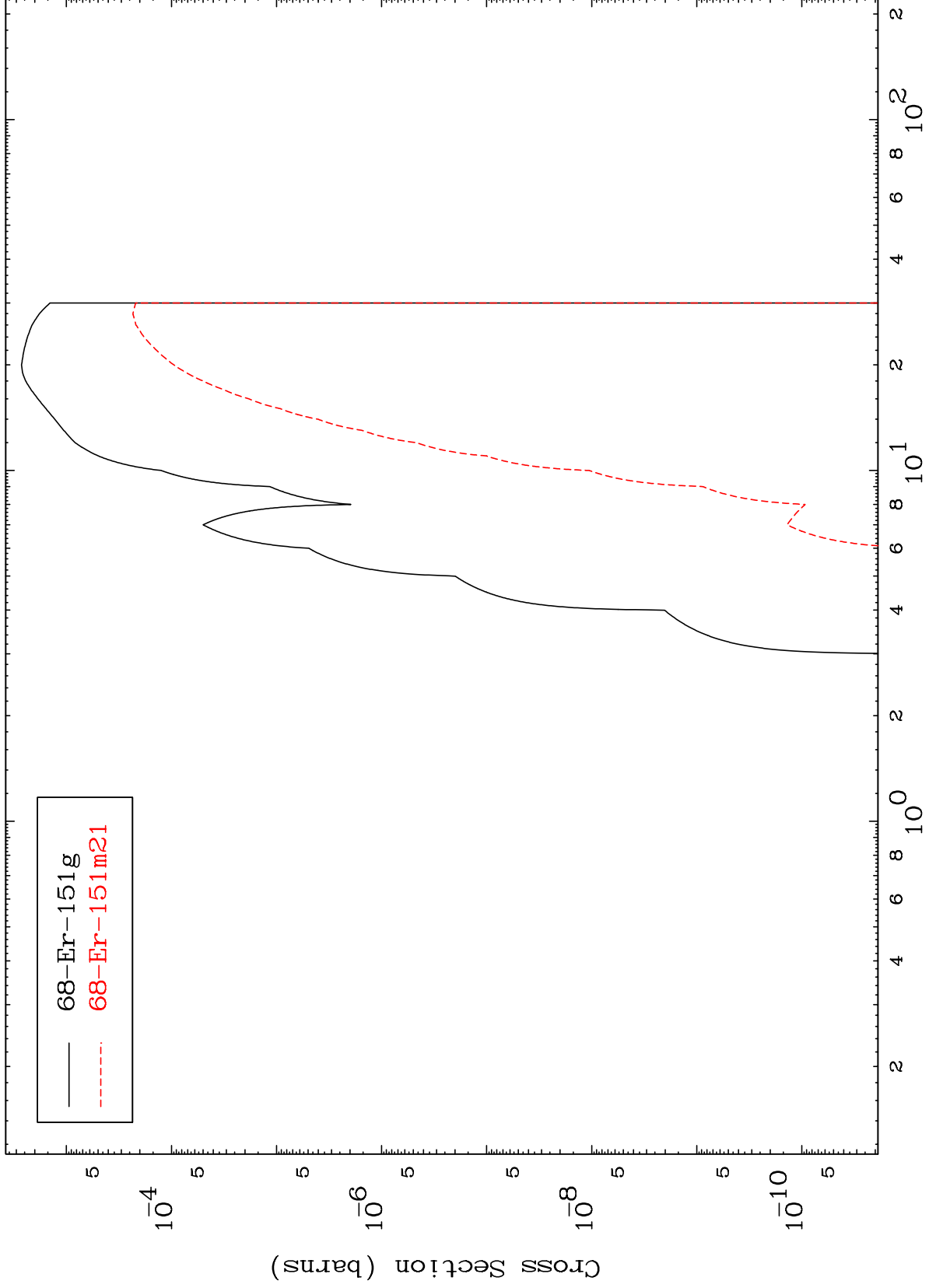
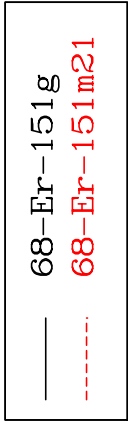
71-Lu-157

MAT 7071

(n,2α)

71-Lu-157

Radionuclide Production Cross Section



21

Incident Energy (MeV)

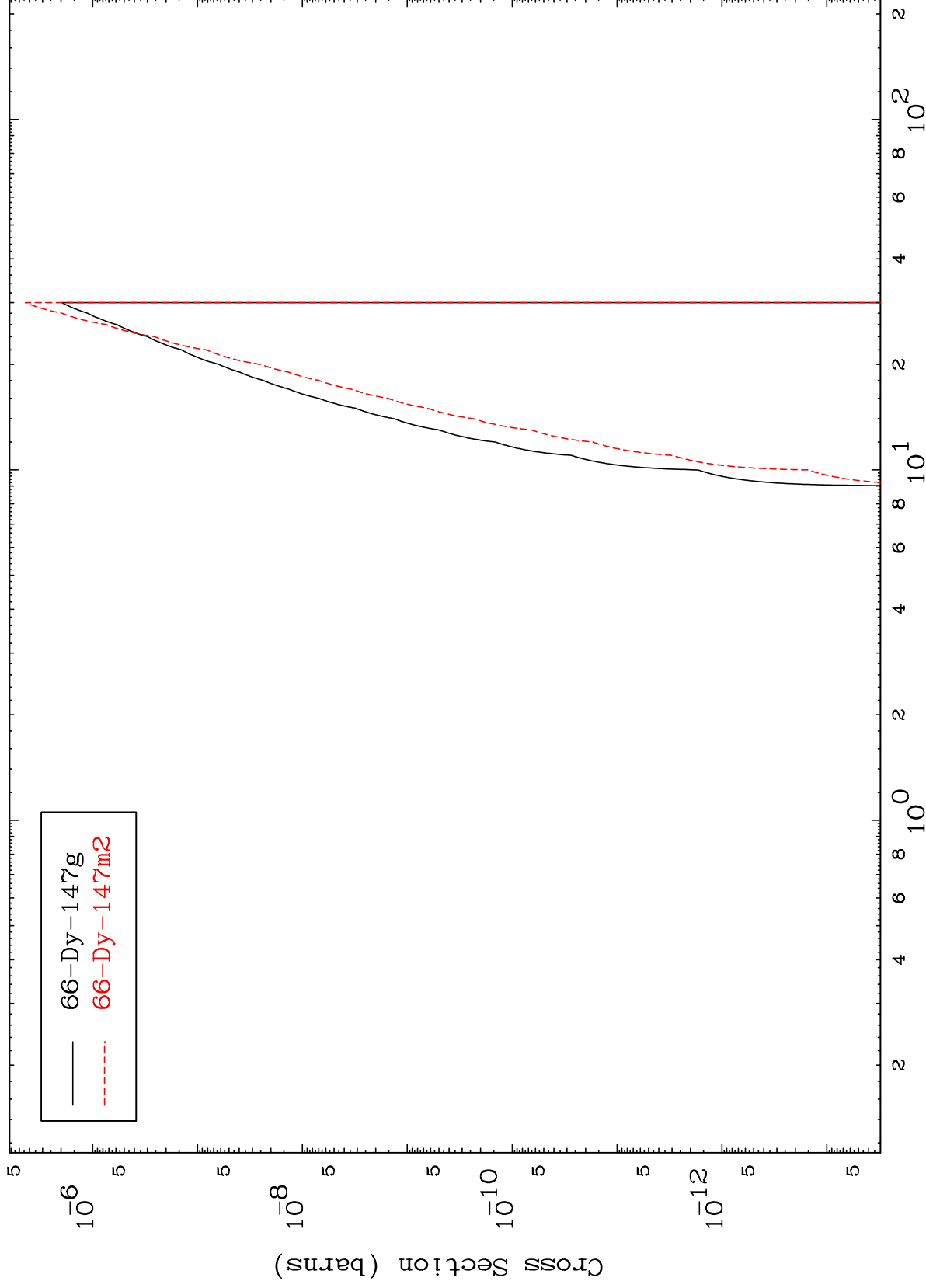
71-Lu-157

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(n, 3 α)

⁷¹Lu-157

Radionuclide Production Cross Section



22

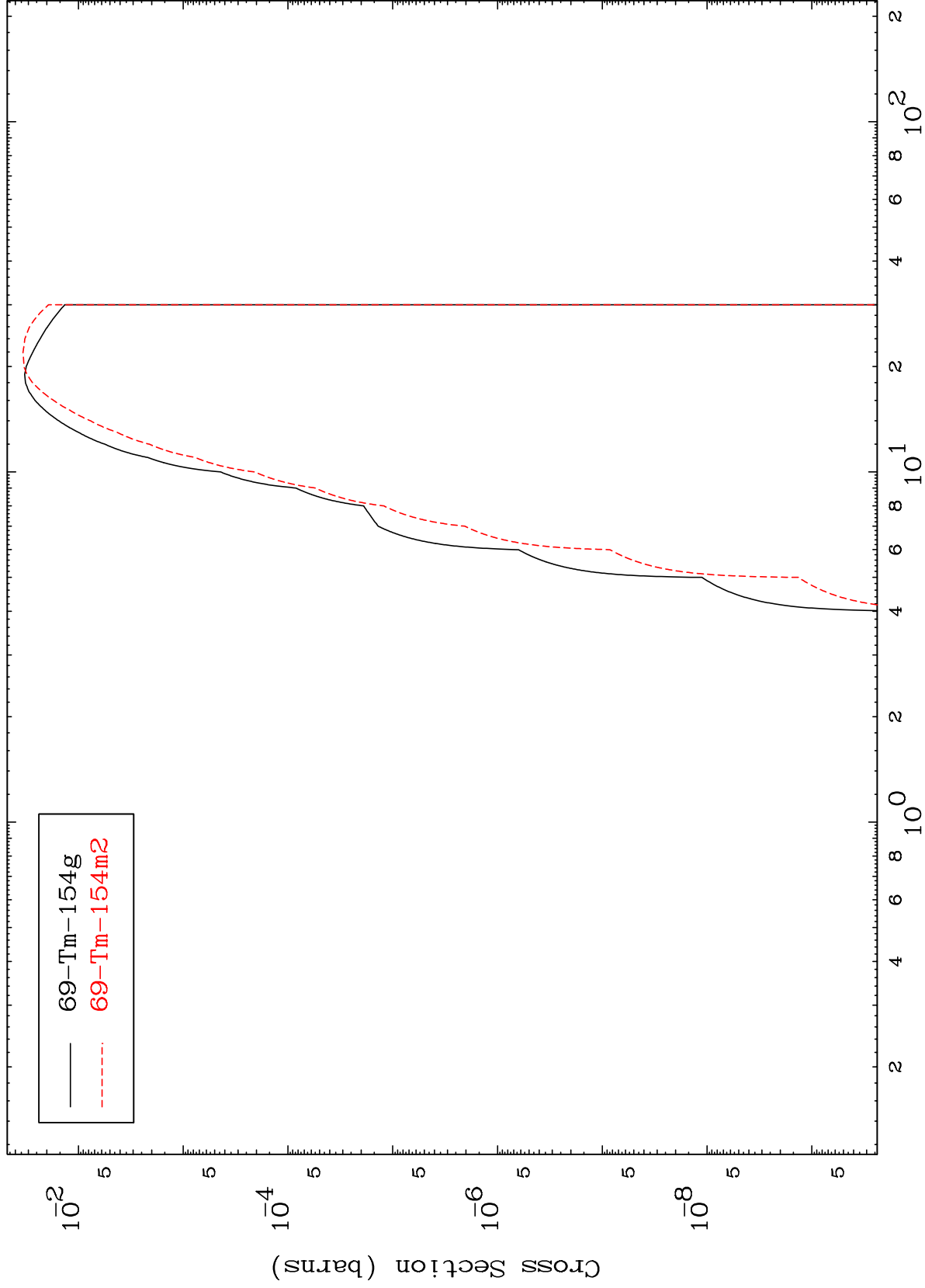
⁷¹Lu-157

MAT 7071

(n,p) α

⁷¹Lu-157

Radionuclide Production Cross Section



23

Incident Energy (MeV)

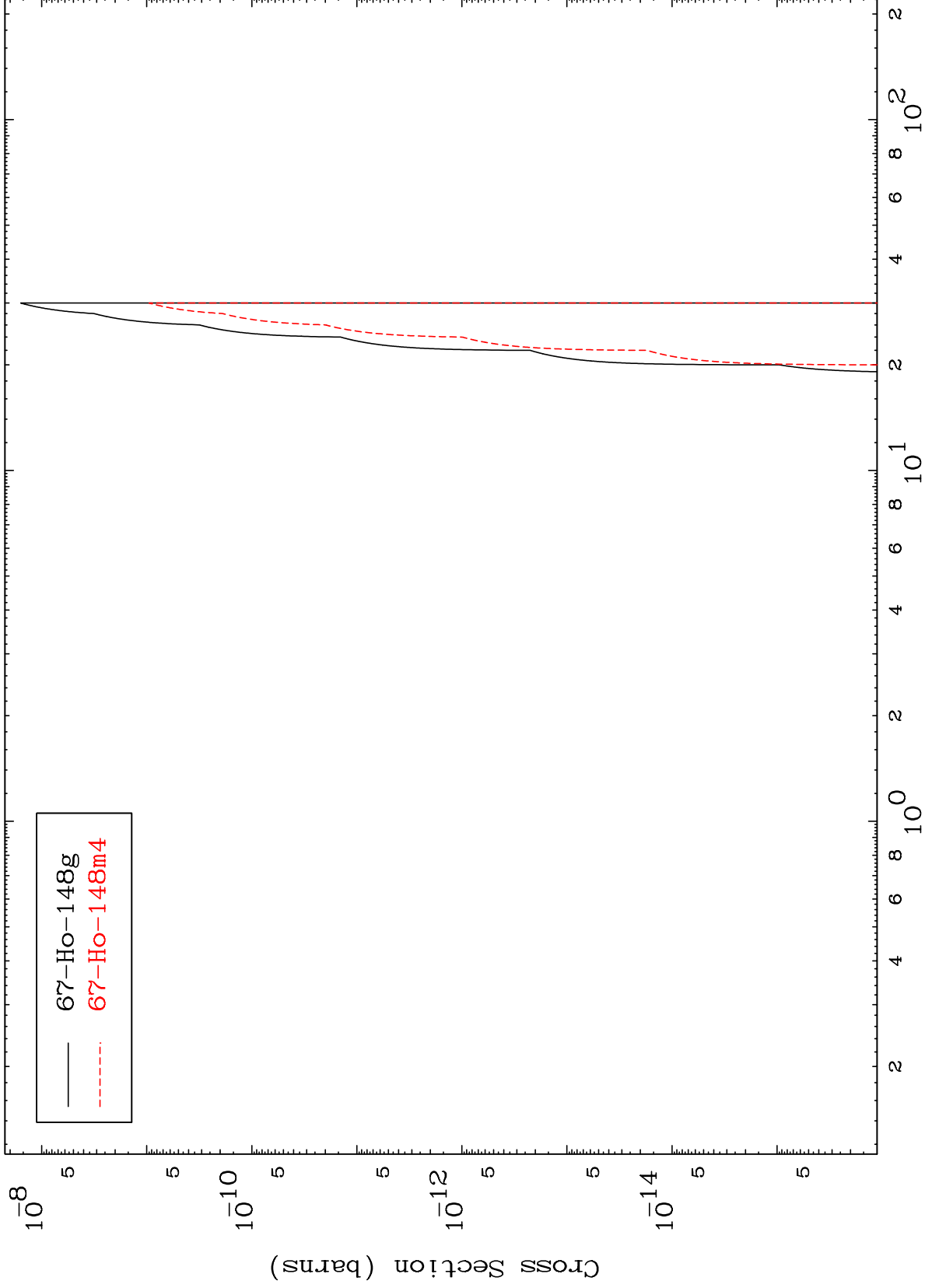
⁷¹Lu-157

MAT 7071

(n,t) 2 α

71-Lu-157

Radionuclide Production Cross Section



24

Incident Energy (MeV)

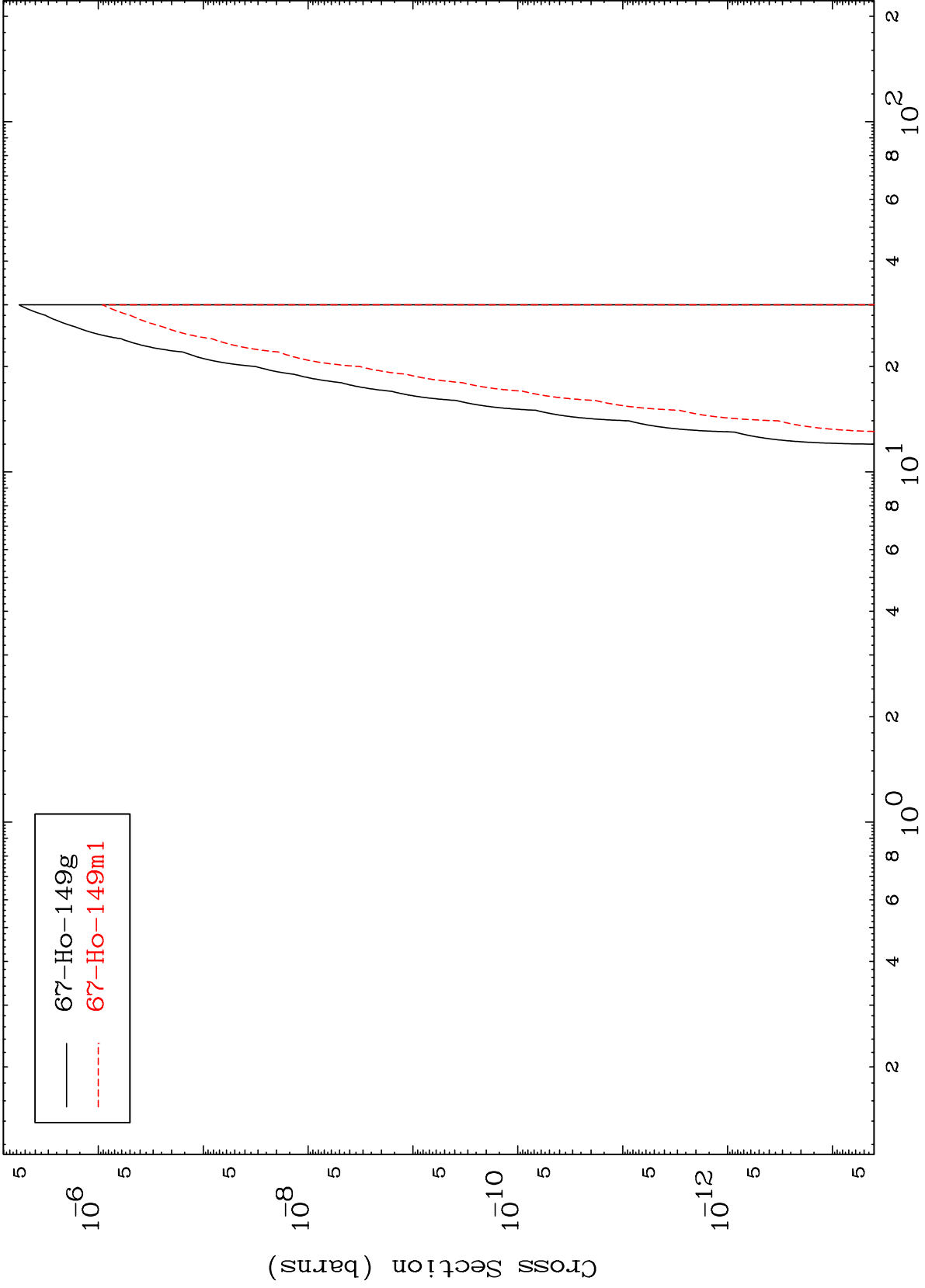
71-Lu-157

MAT 7071

$(n,d) 2\alpha$

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

Radionuclide Production Cross Section



25

Incident Energy (MeV)

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

MAT 7071

(n,d) α

⁷¹Lu-157

