

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

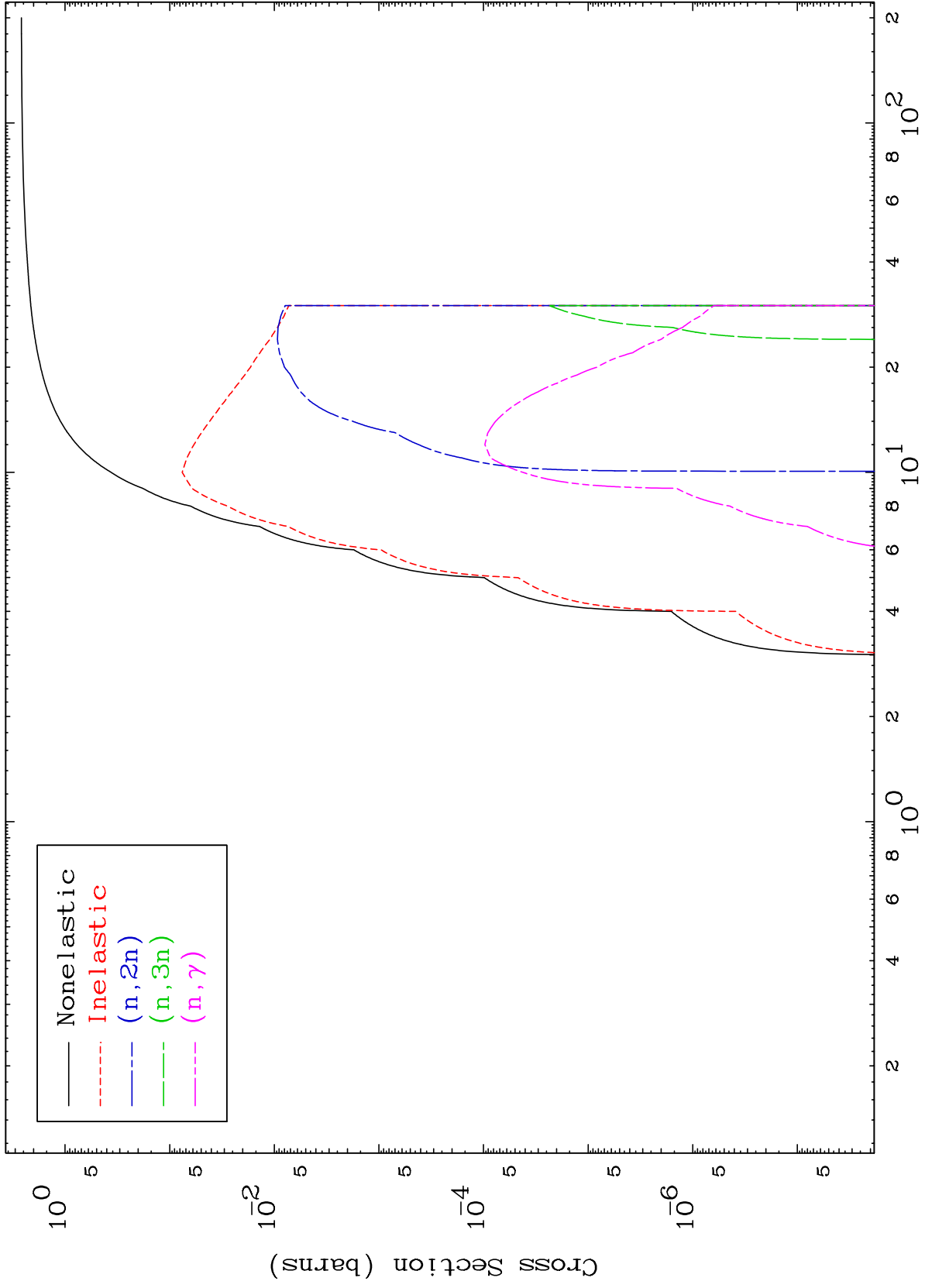
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

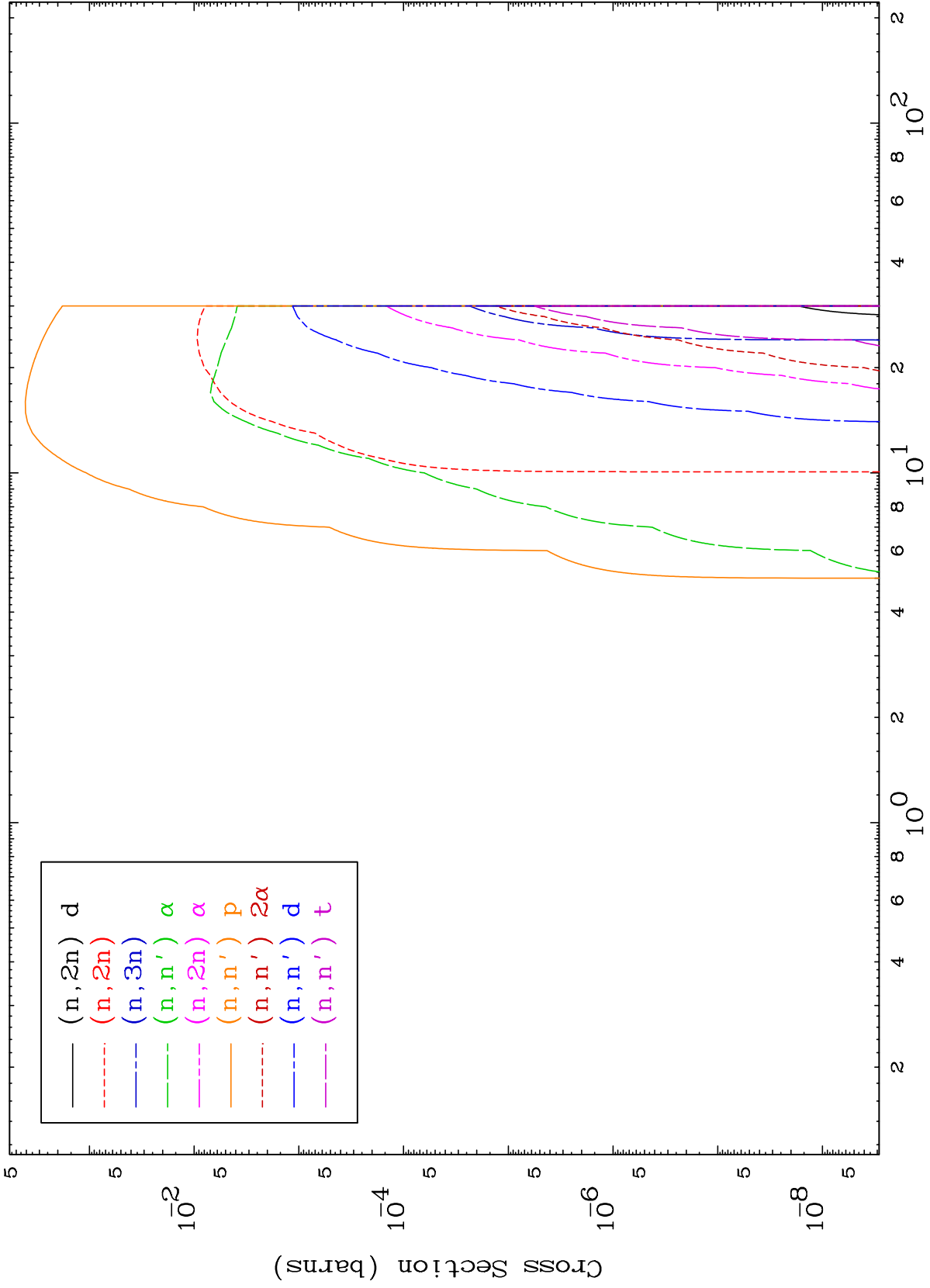
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

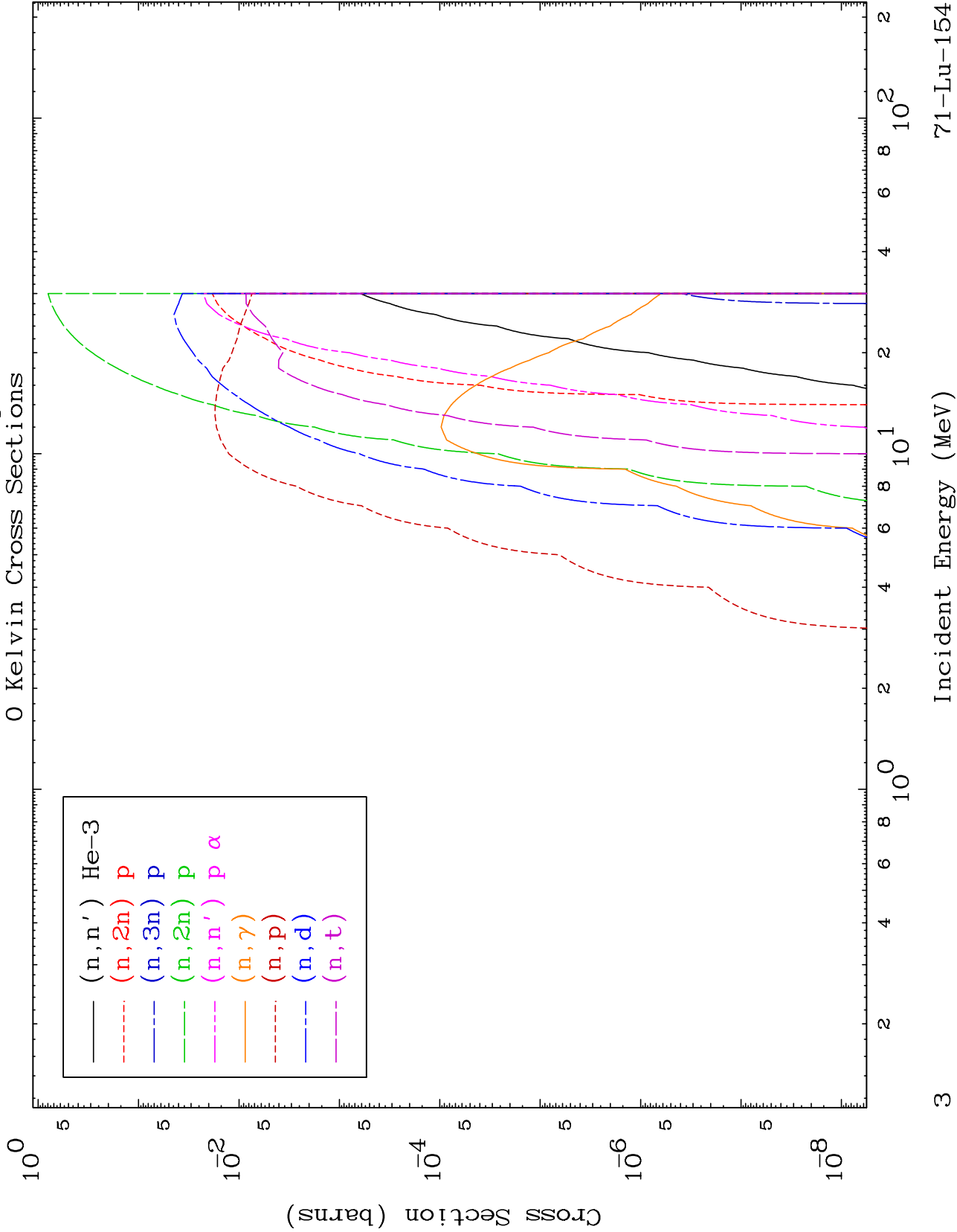




MAT 7062

Deuteron Neutron Absorption
0 Kelvin Cross Sections

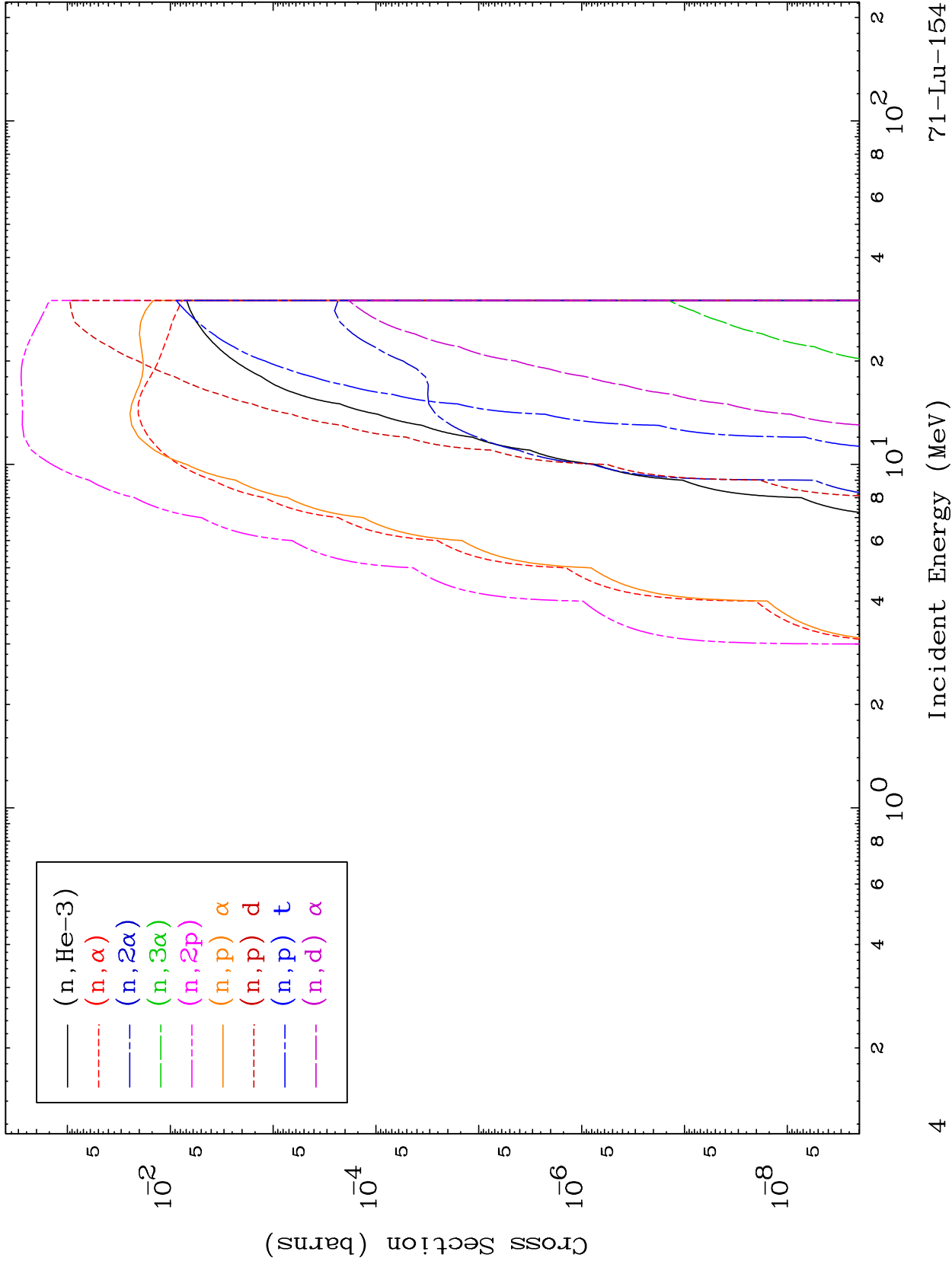
71-Lu-154

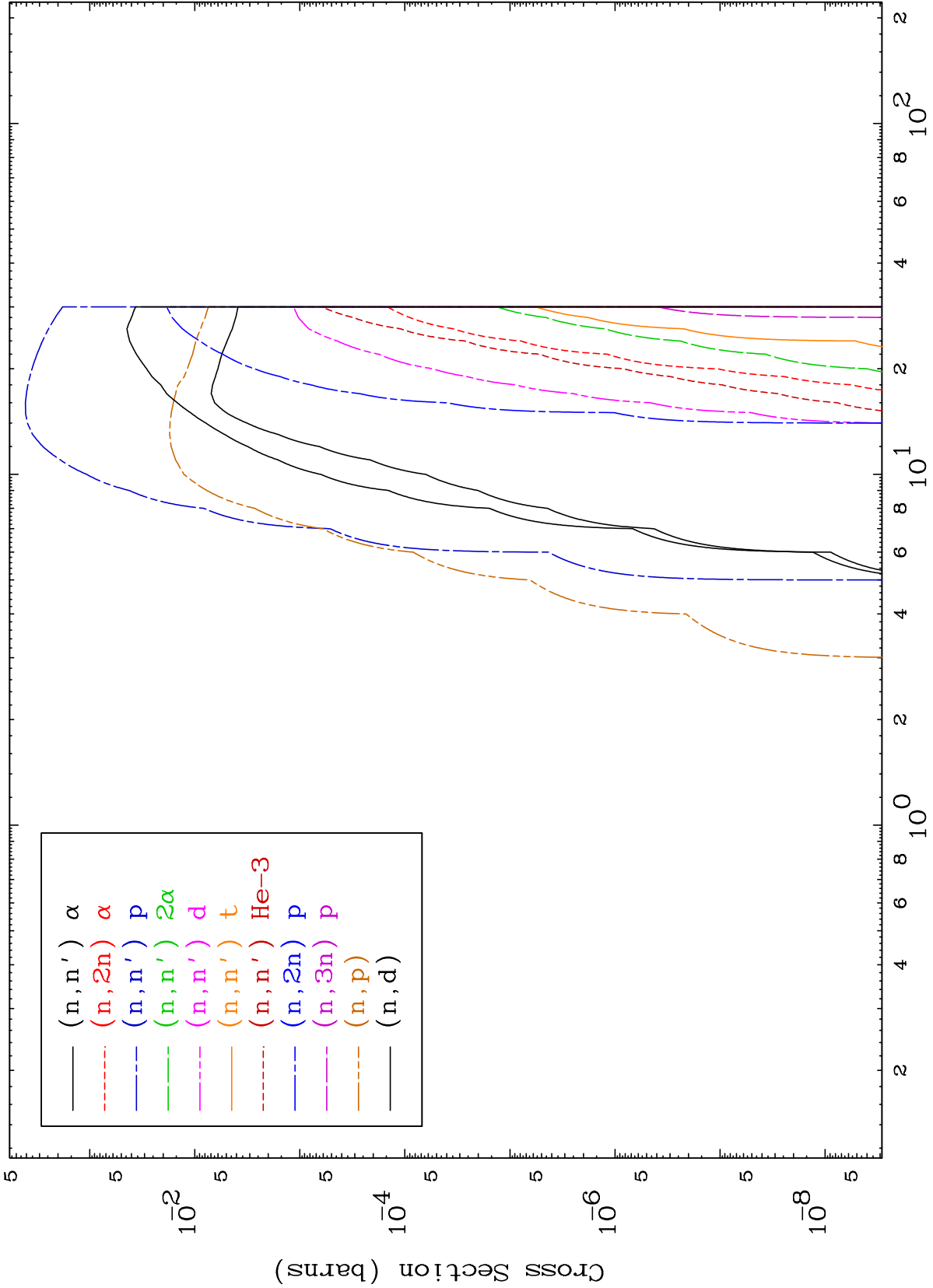


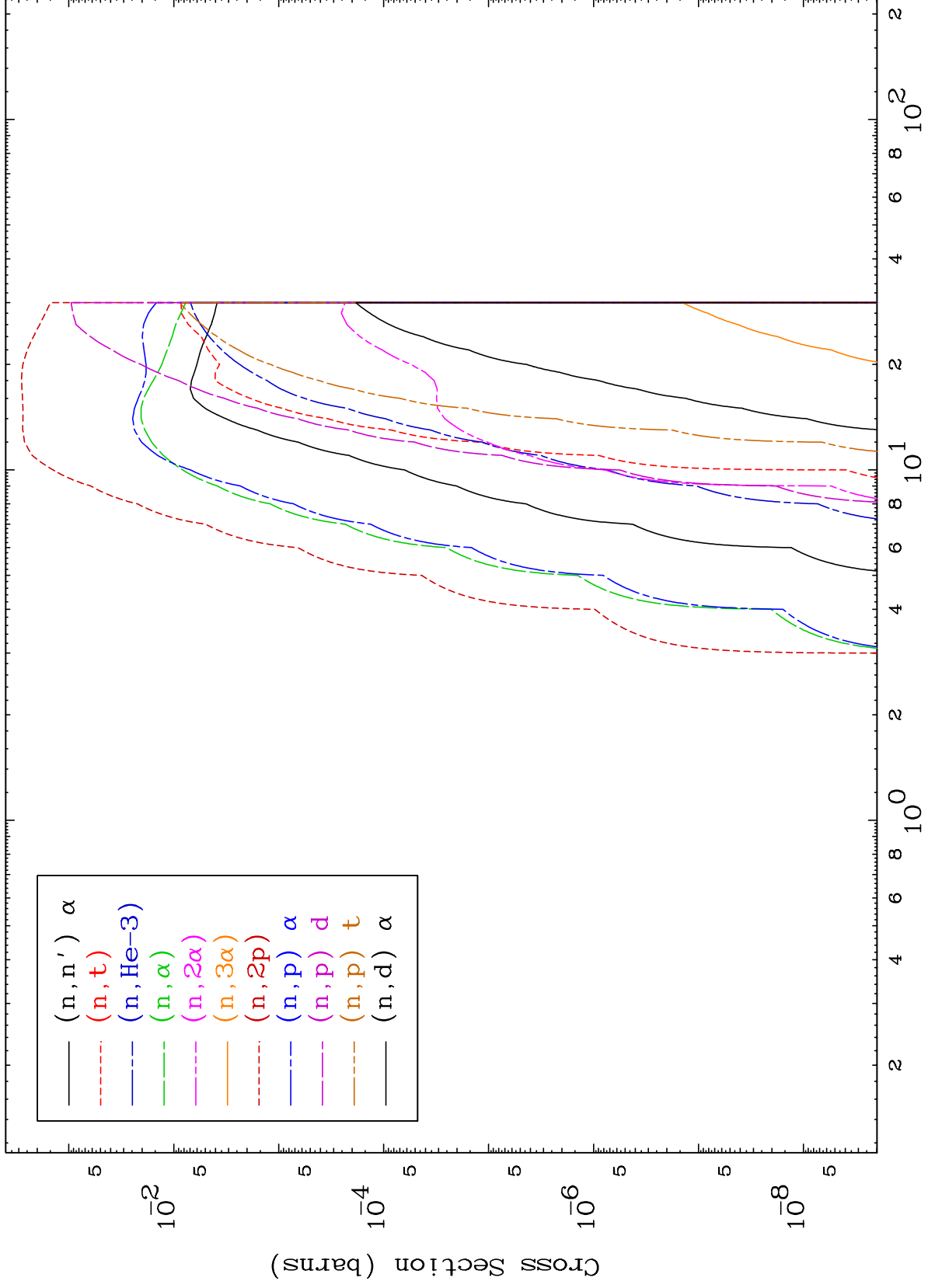
71-Lu-154

Incident Energy (MeV)

3





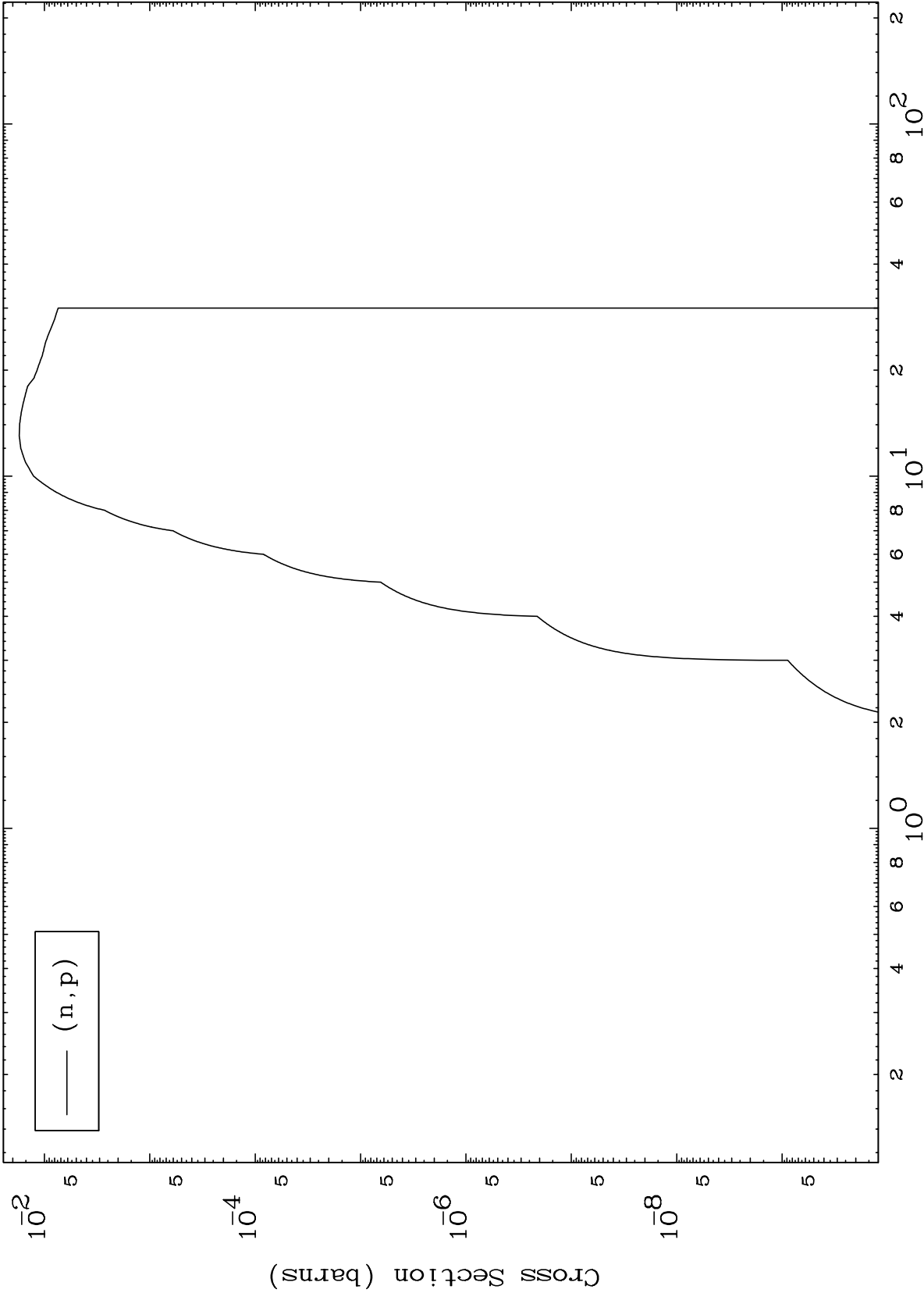


MAT 7062

(d,p) Levels

71-Lu-154

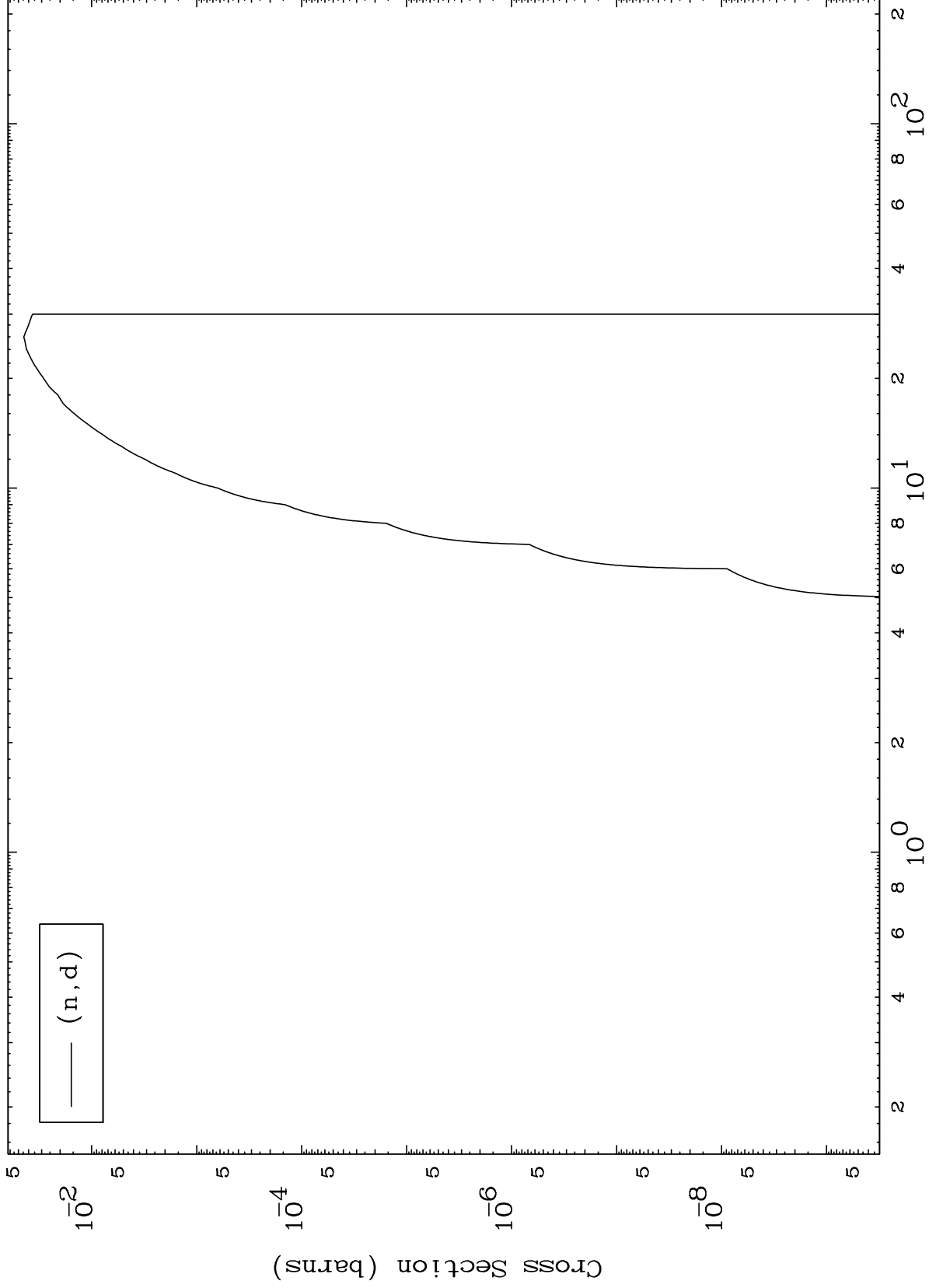
0 Kelvin Cross Sections



MAT 7062

(d,d) Levels
0 Kelvin Cross Sections

71-Lu-154



8

Incident Energy (MeV)

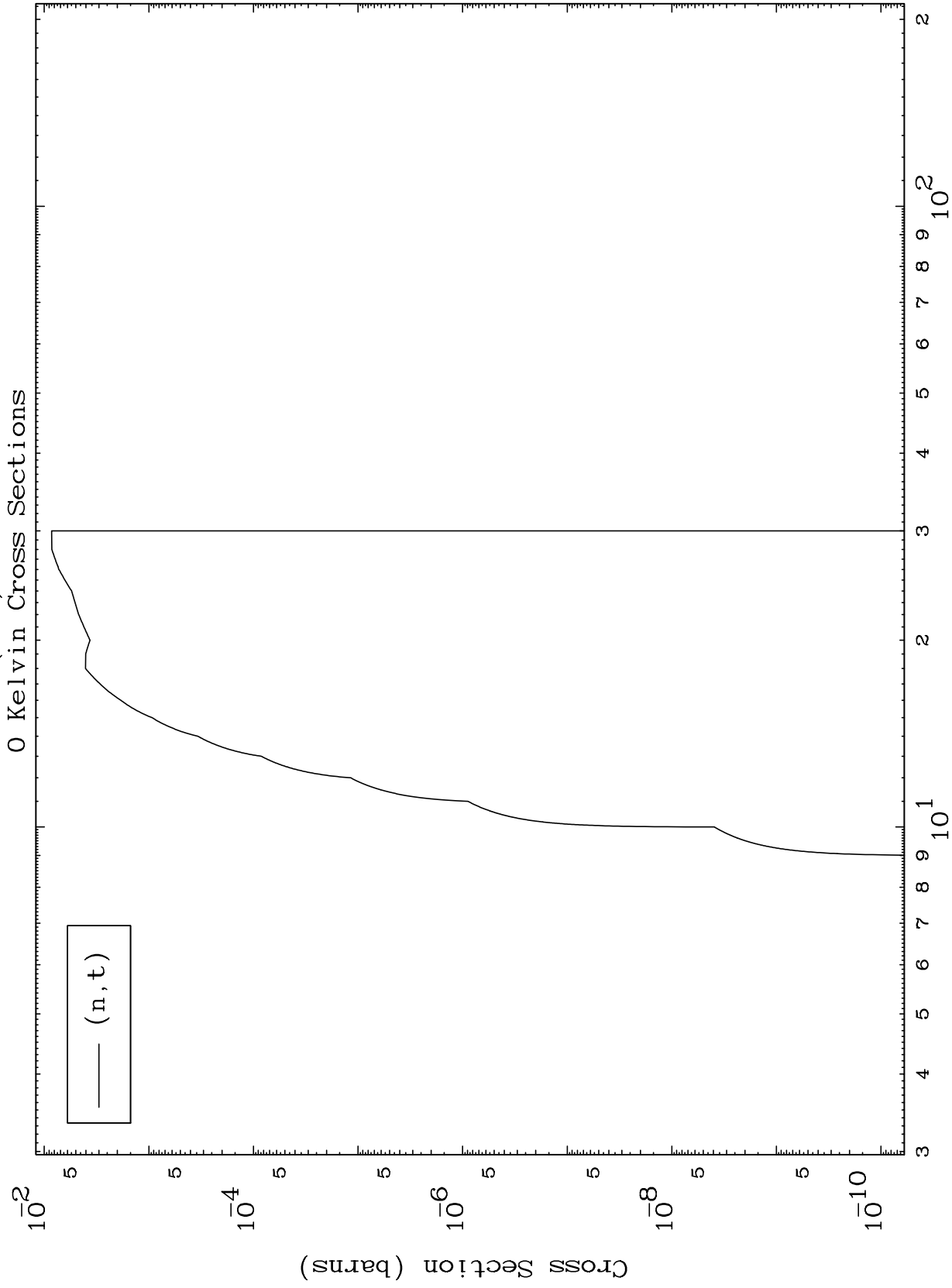
71-Lu-154

MAT 7062

(d, t) Levels

71-Lu-154

0 Kelvin Cross Sections



9

Incident Energy (MeV)

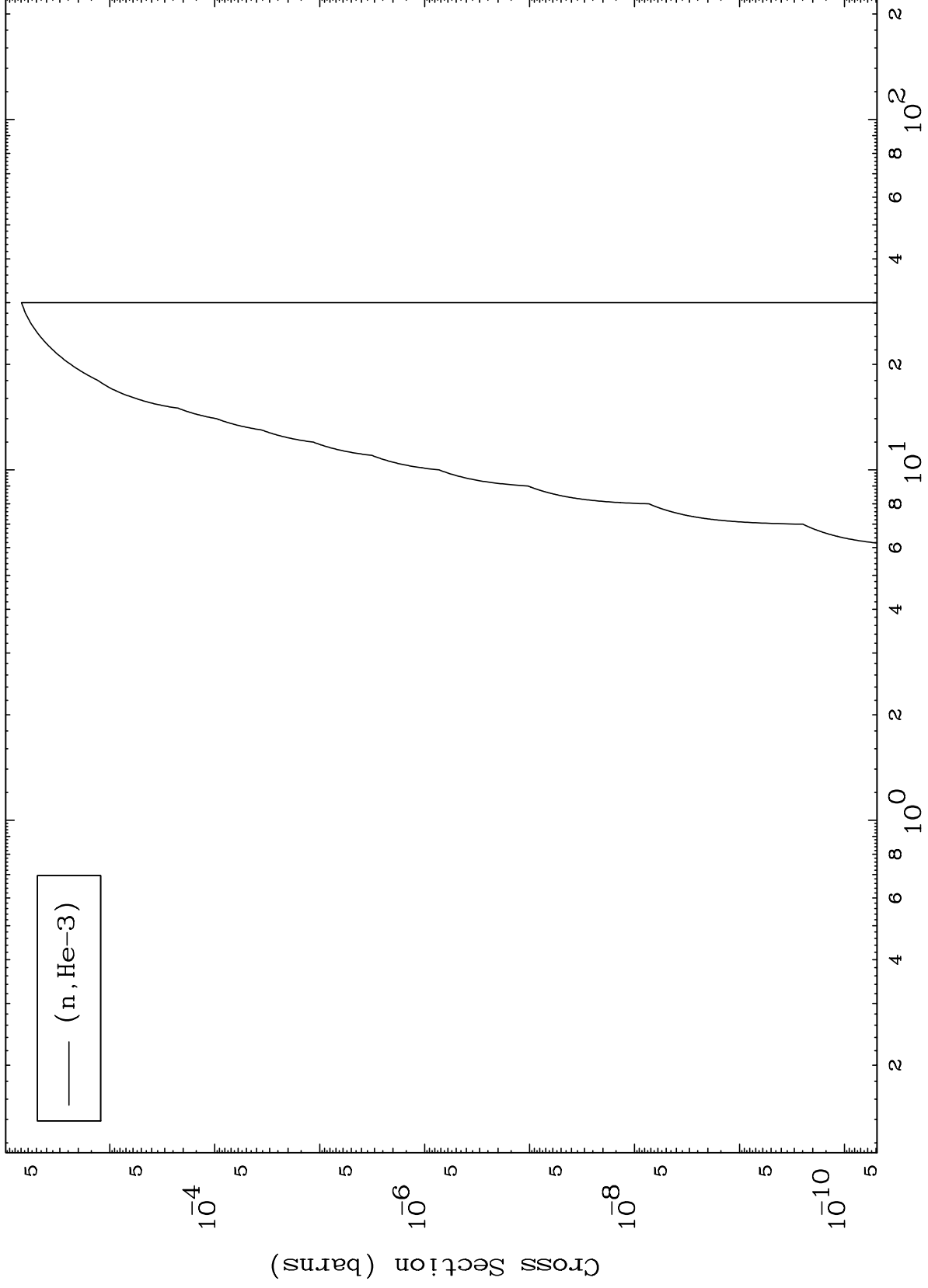
71-Lu-154

MAT 7062

(d,He3) Levels

71-Lu-154

0 Kelvin Cross Sections



10

Incident Energy (MeV)

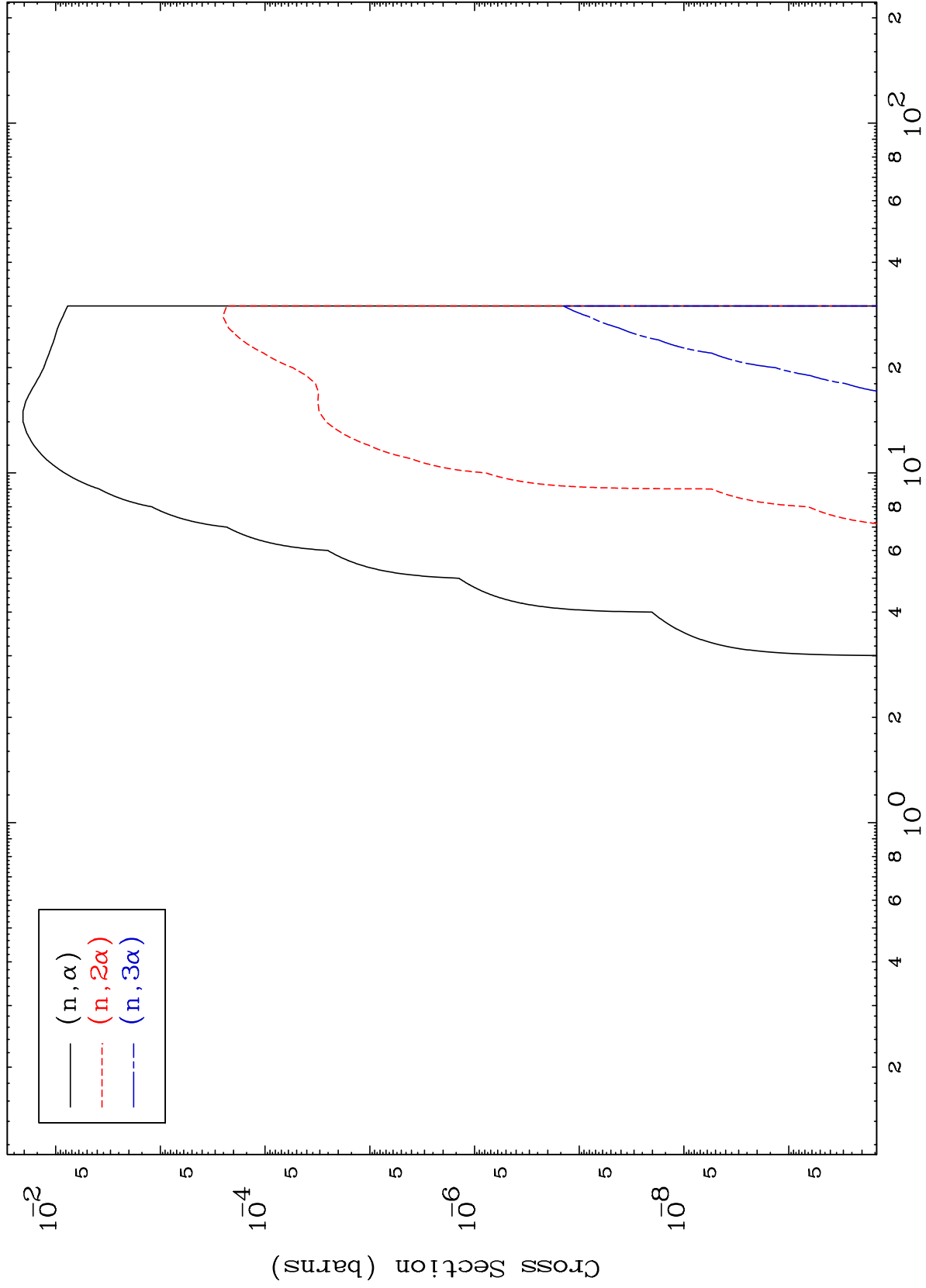
71-Lu-154

MAT 7062

(d, α) Levels

71-Lu-154

0 Kelvin Cross Sections

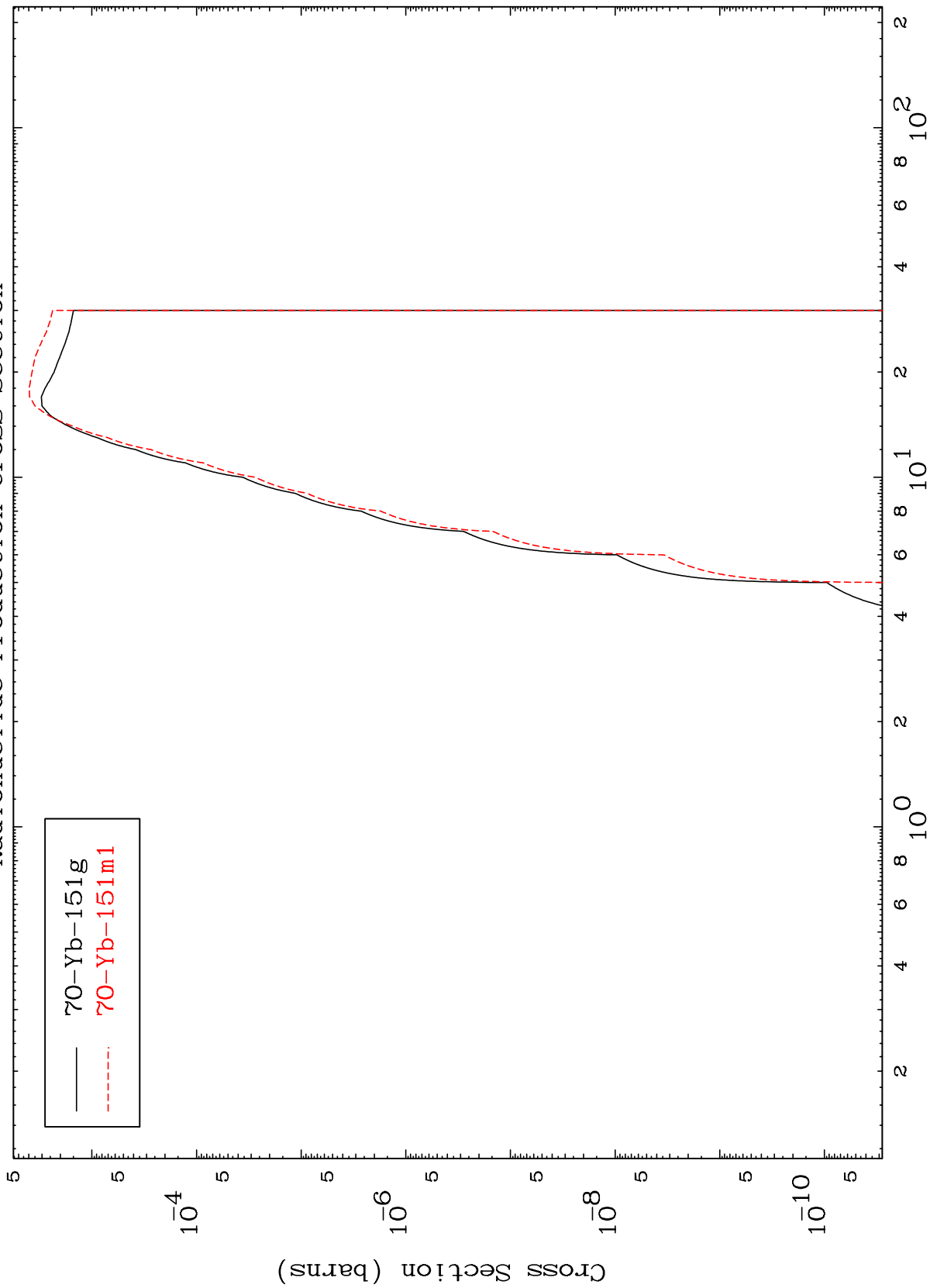


MAT 7062

$(n, n') \alpha$

$^{71}\text{Lu-154}$

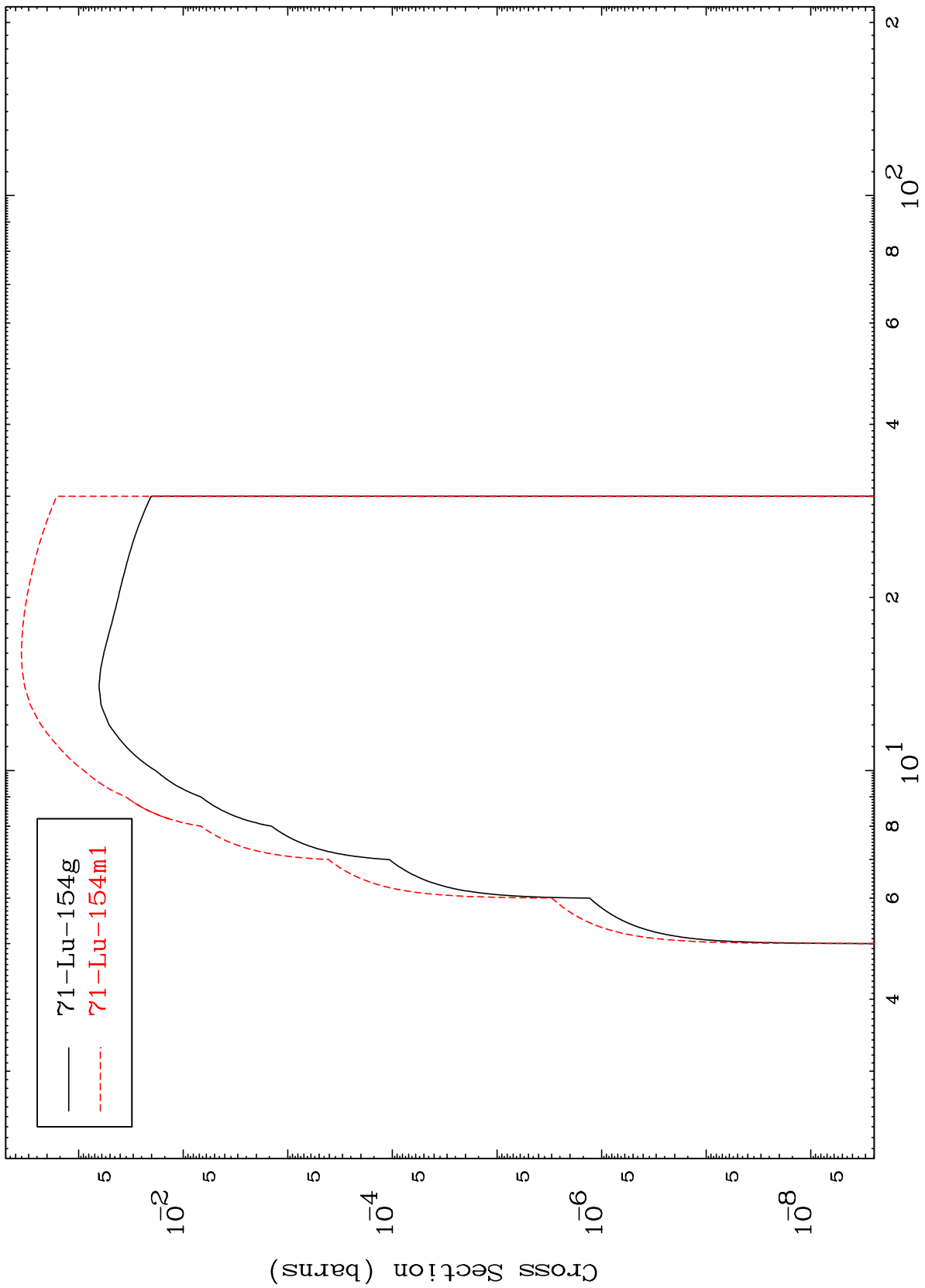
Radionuclide Production Cross Section



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⁷¹Lu-154

Radionuclide Production Cross Section



13

⁷¹Lu-154

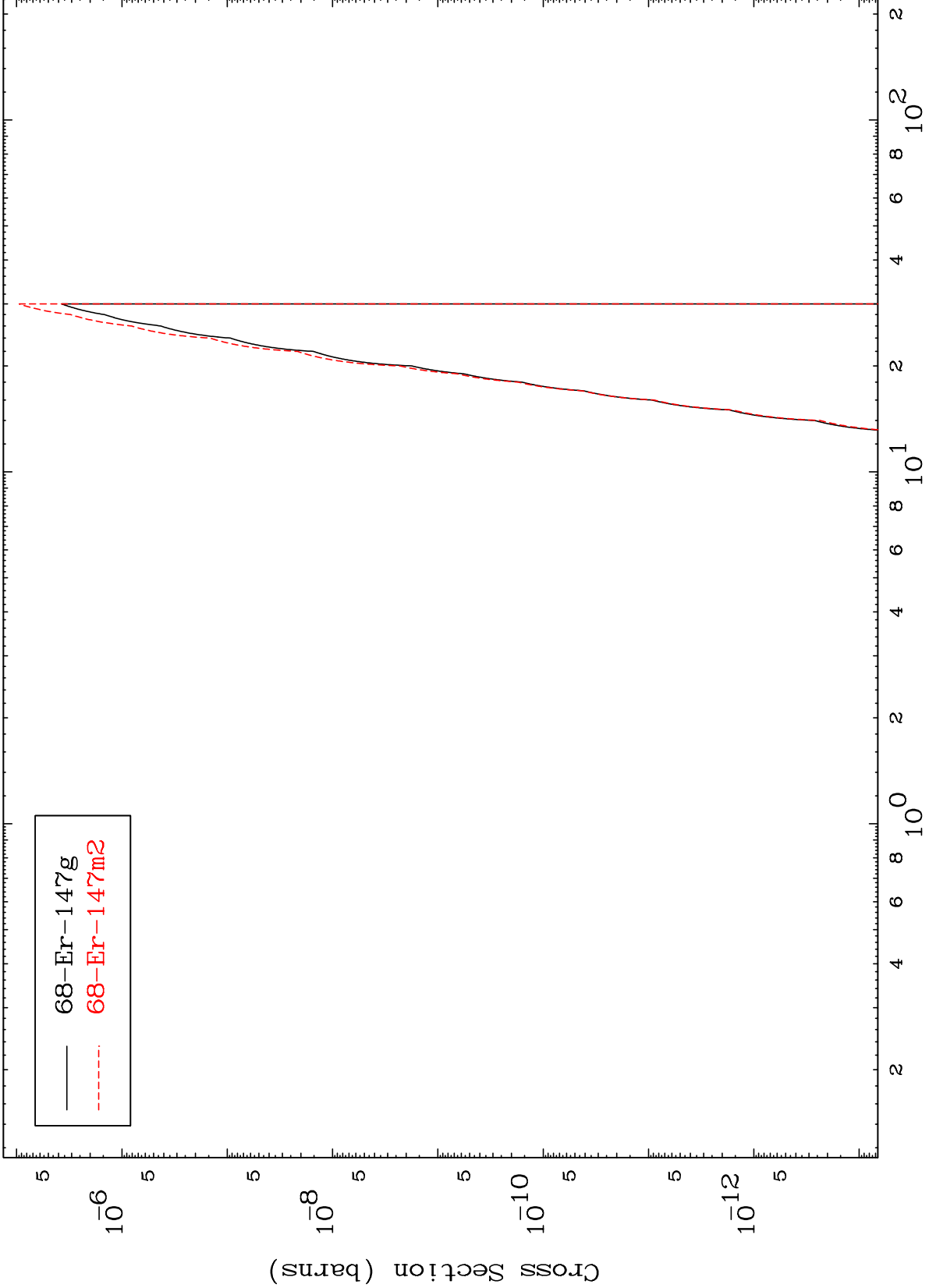
Incident Energy (MeV)

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(n,n') 2α

71-Lu-154

Radionuclide Production Cross Section

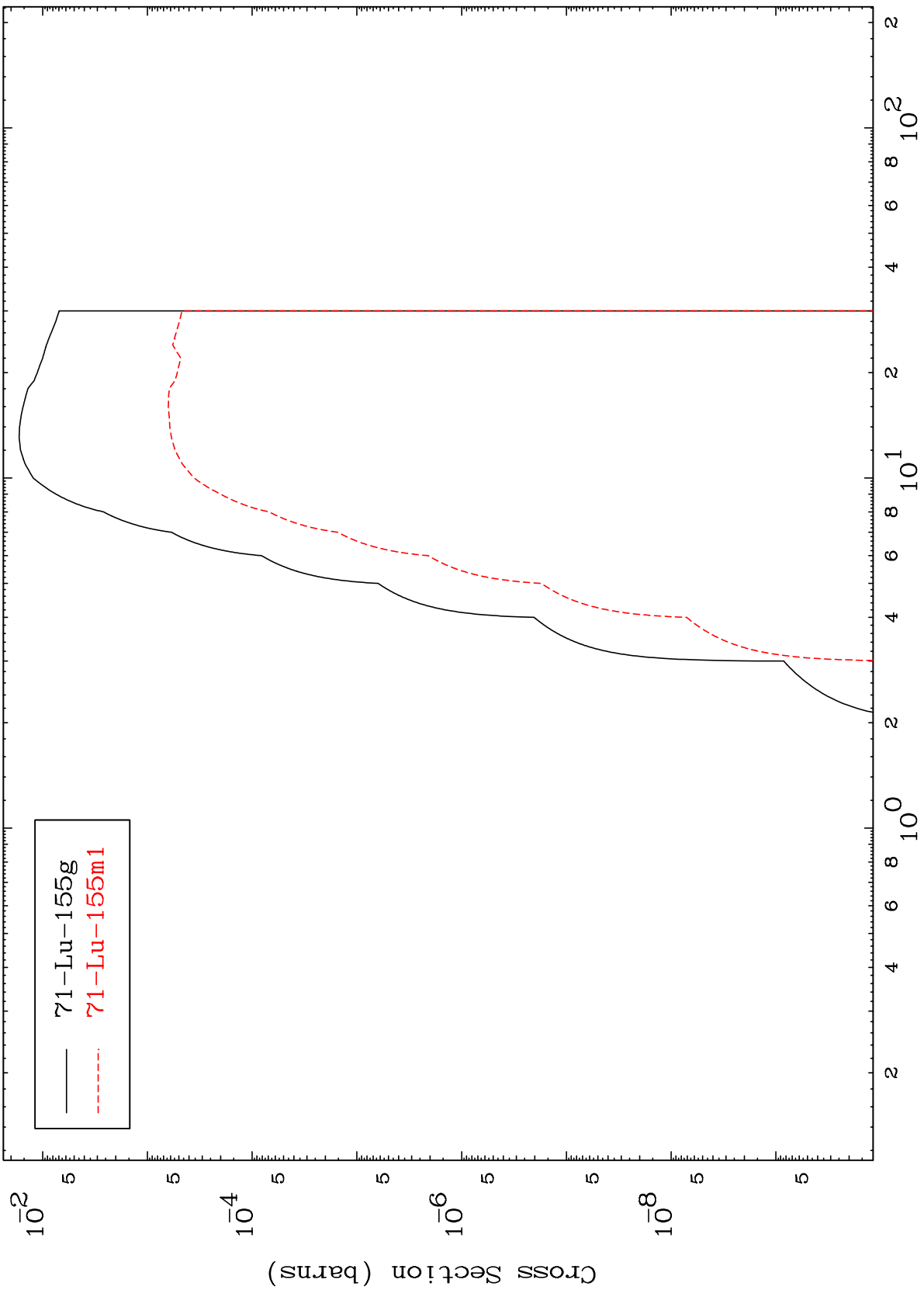


— 68-Er-147g
- - - 68-Er-147m2

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71-Lu-154

(n,p)
Radionuclide Production Cross Section



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

71-Lu-154

Incident Energy (MeV)

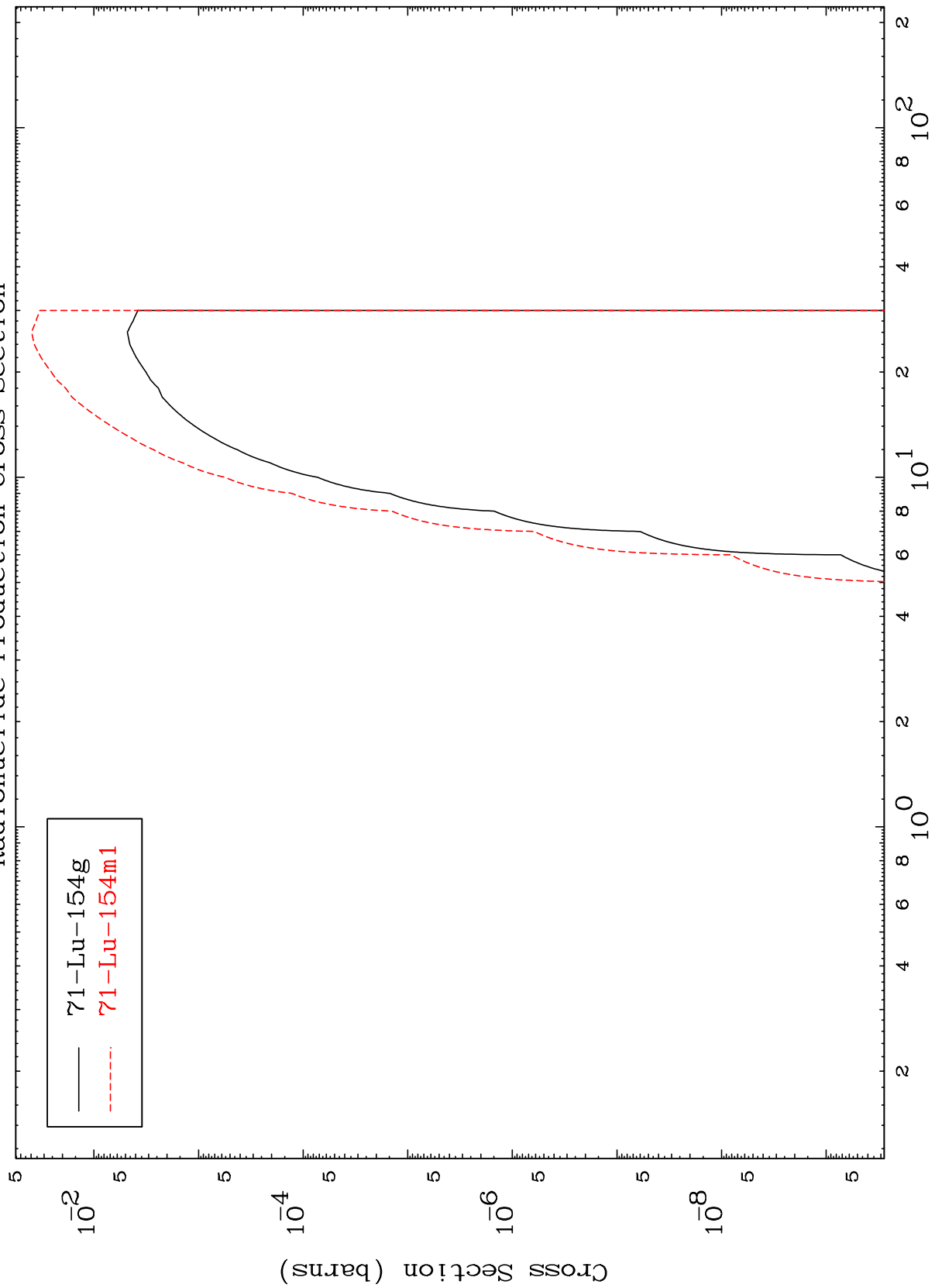
15

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⁷¹Lu-154

(n,d)

Radionuclide Production Cross Section



— ⁷¹Lu-154g
- - - ⁷¹Lu-154m1

⁷¹Lu-154

Incident Energy (MeV)

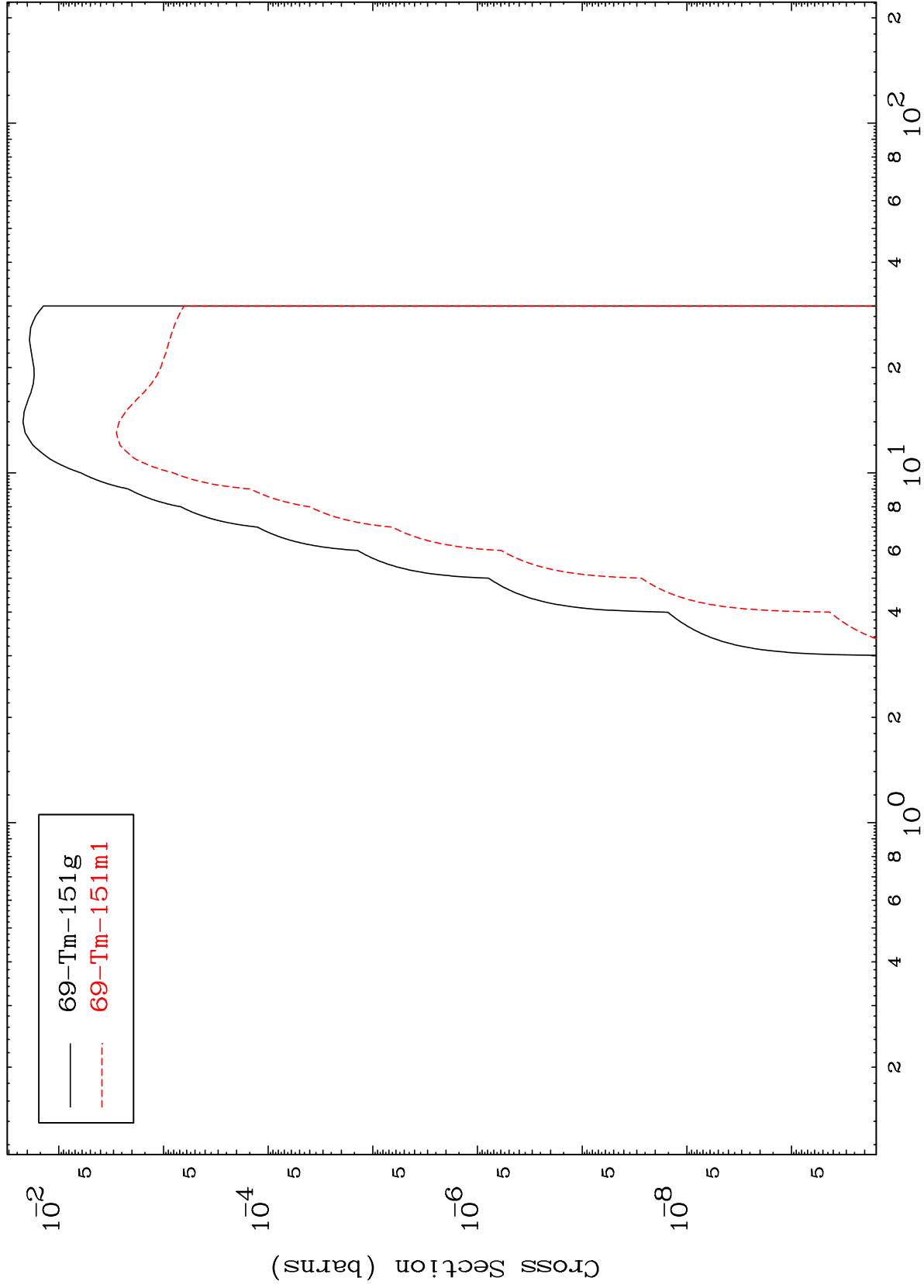
16

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(n,p) α

⁷¹Lu-154

Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁷¹Lu-154