

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

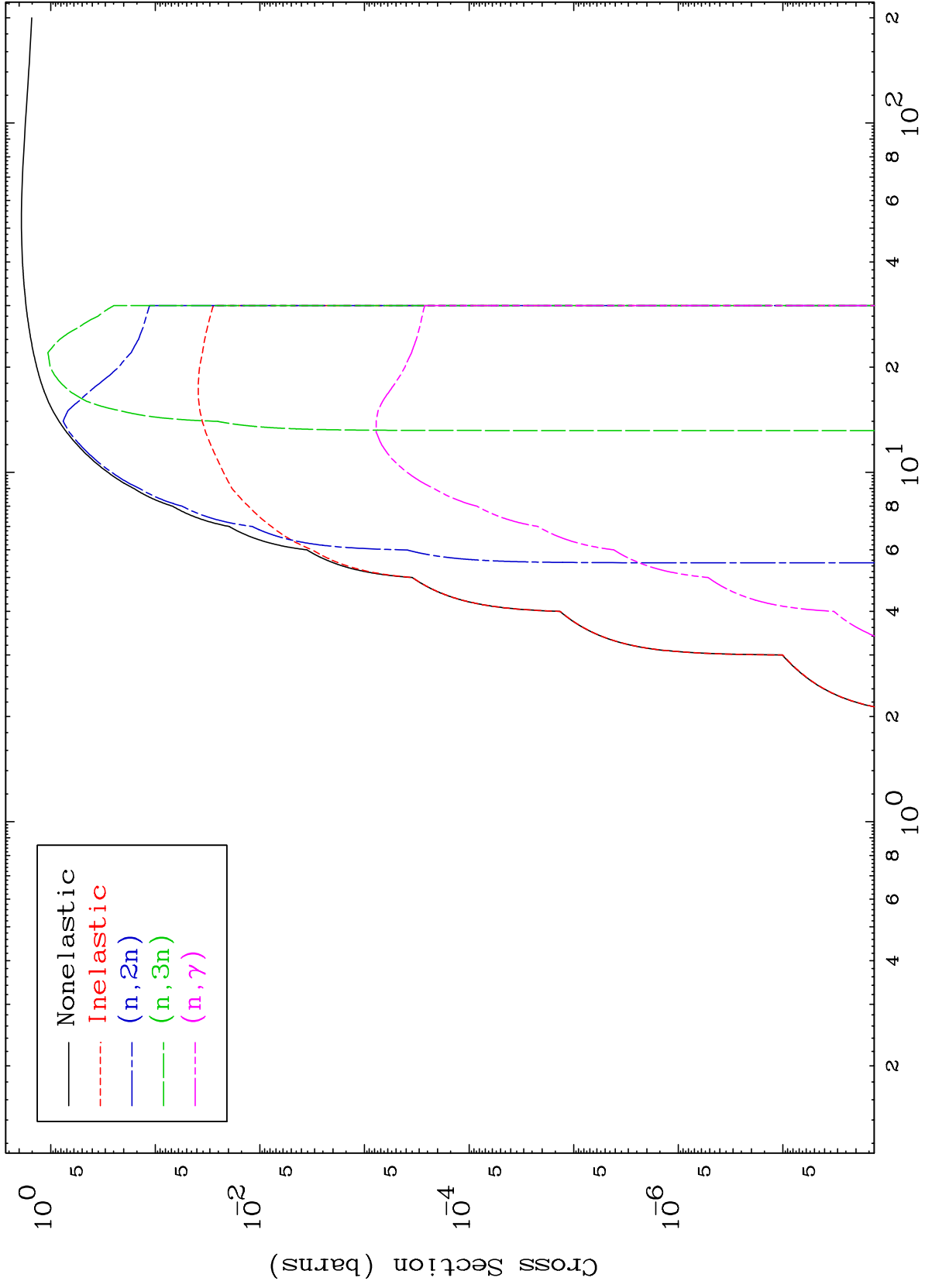
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

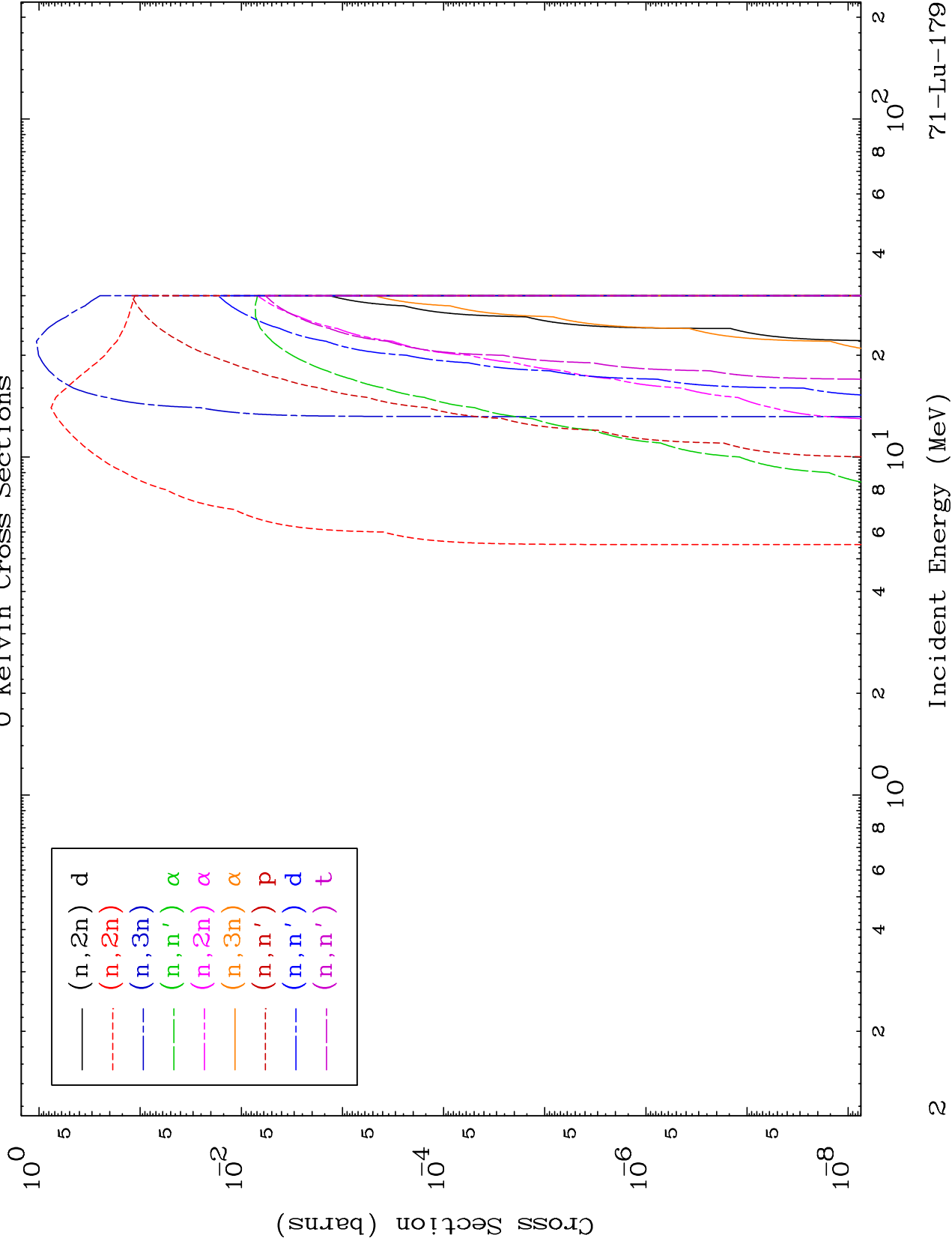
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

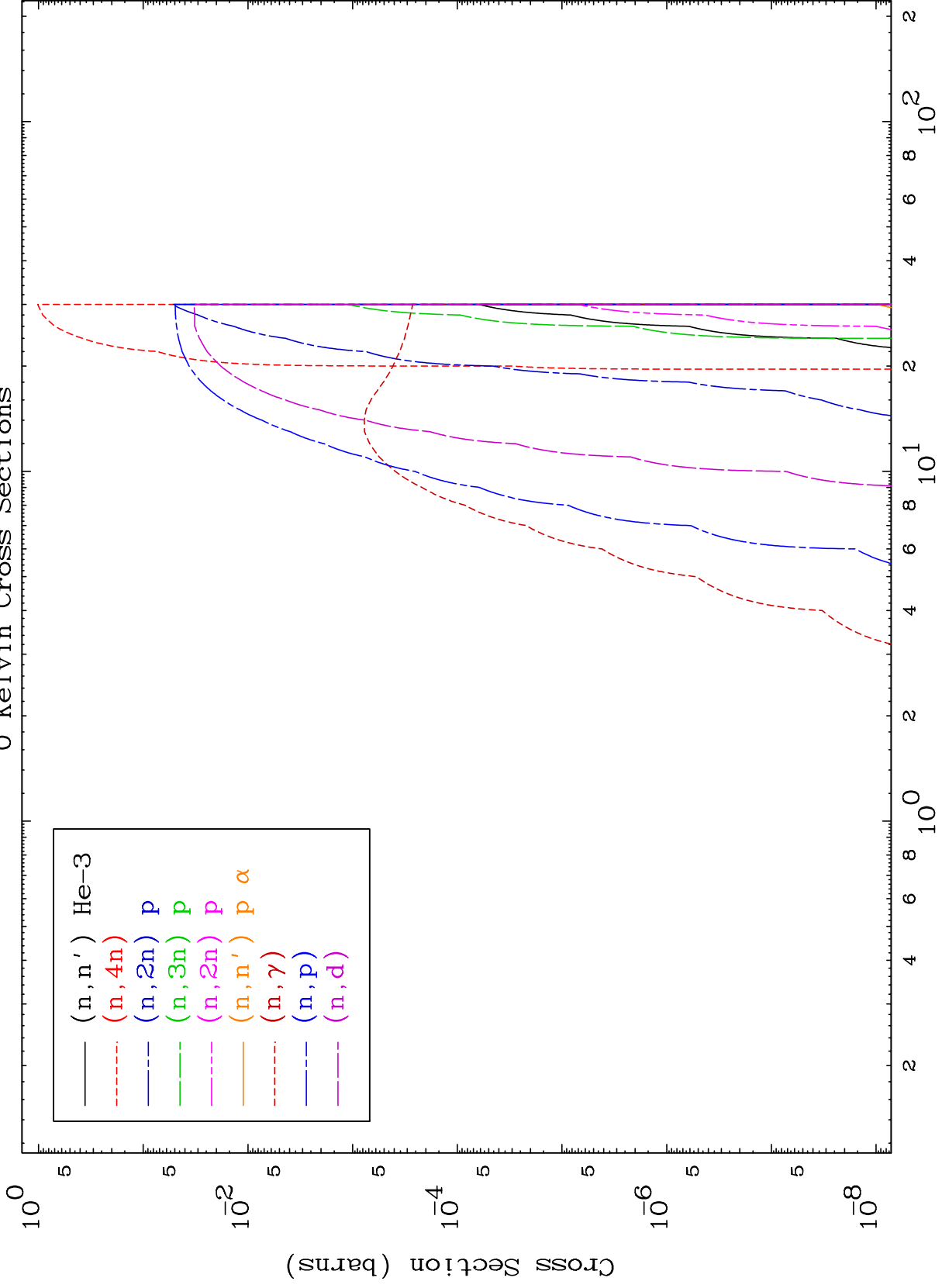


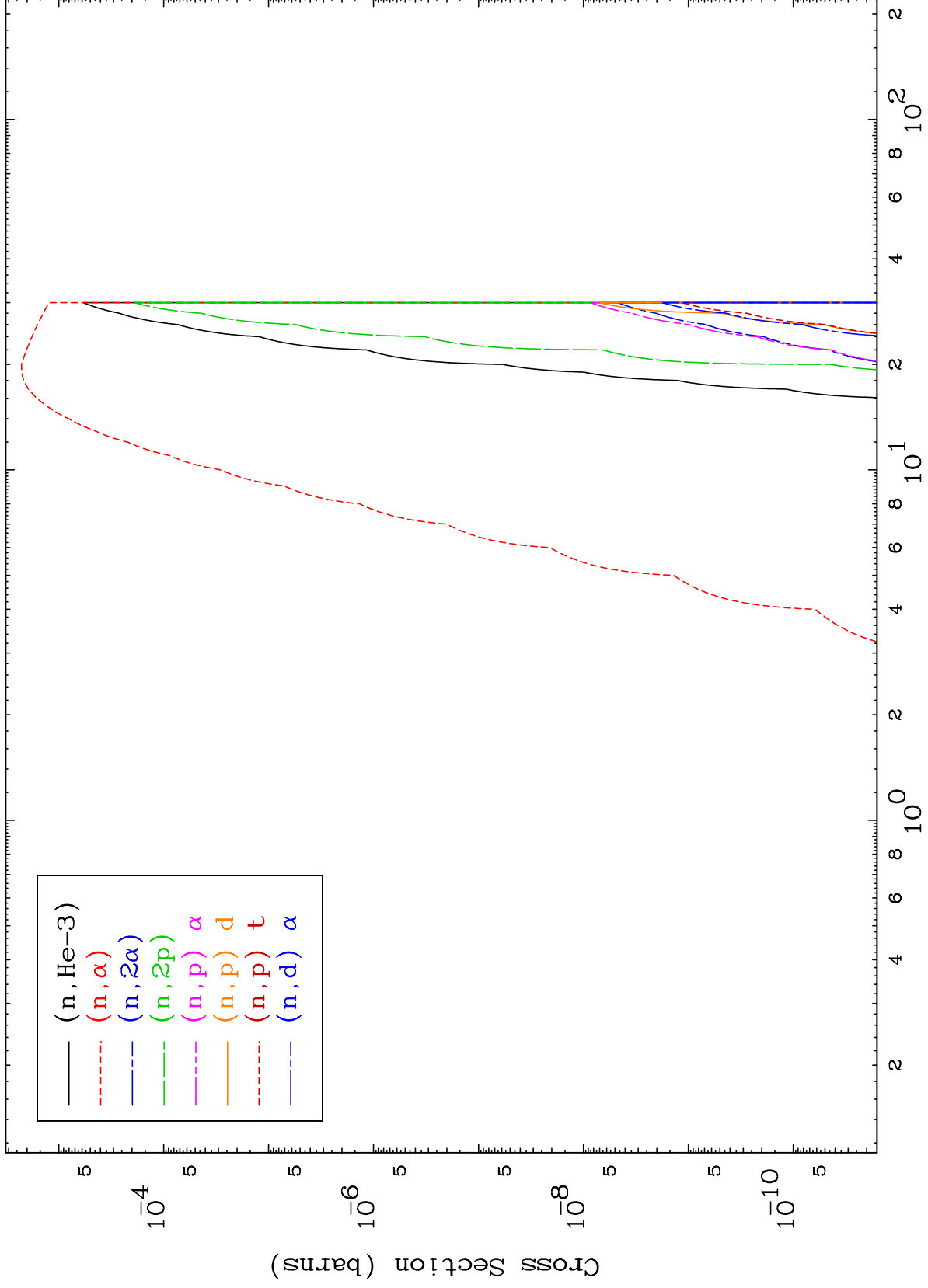


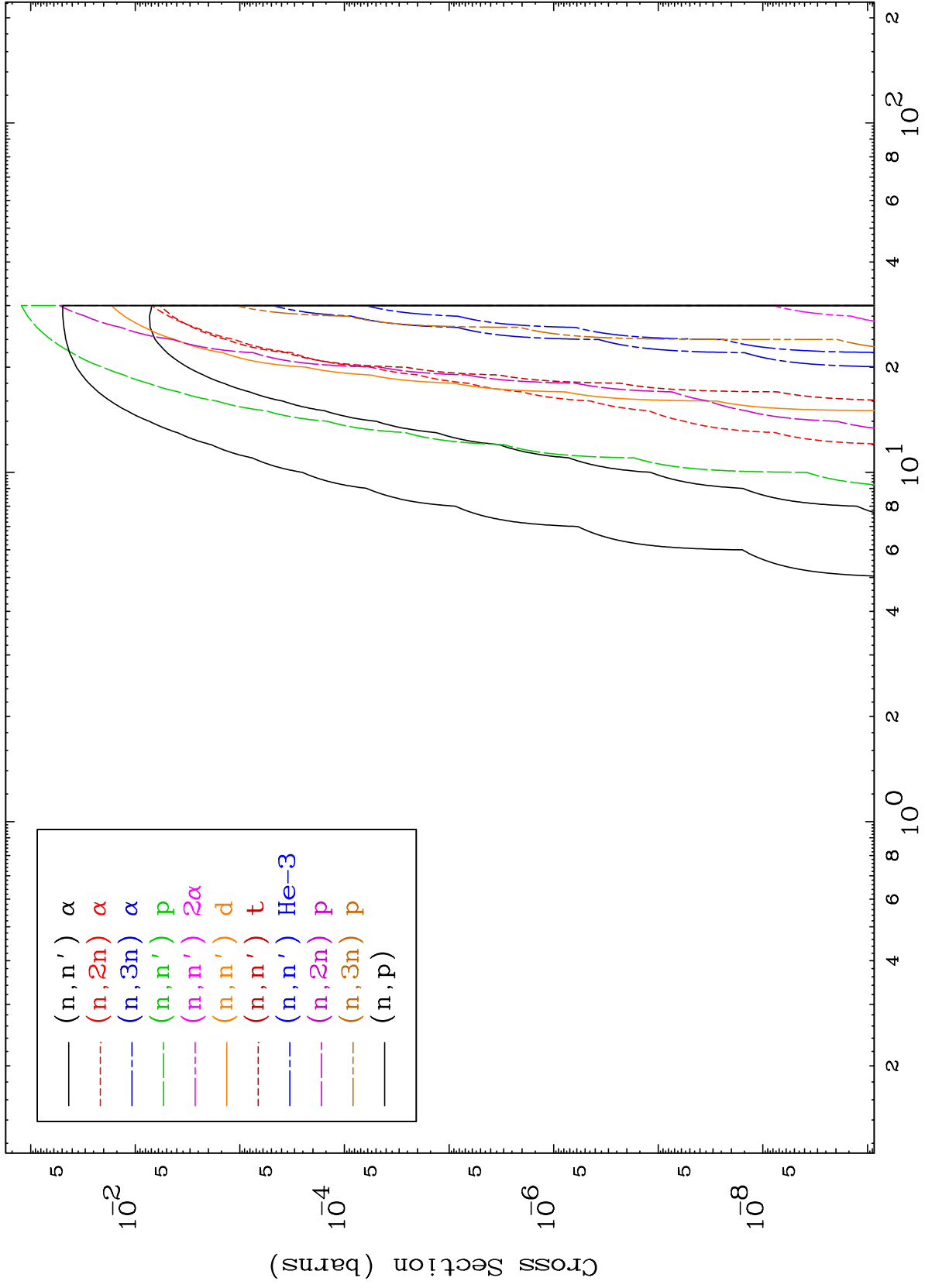
MAT 7137

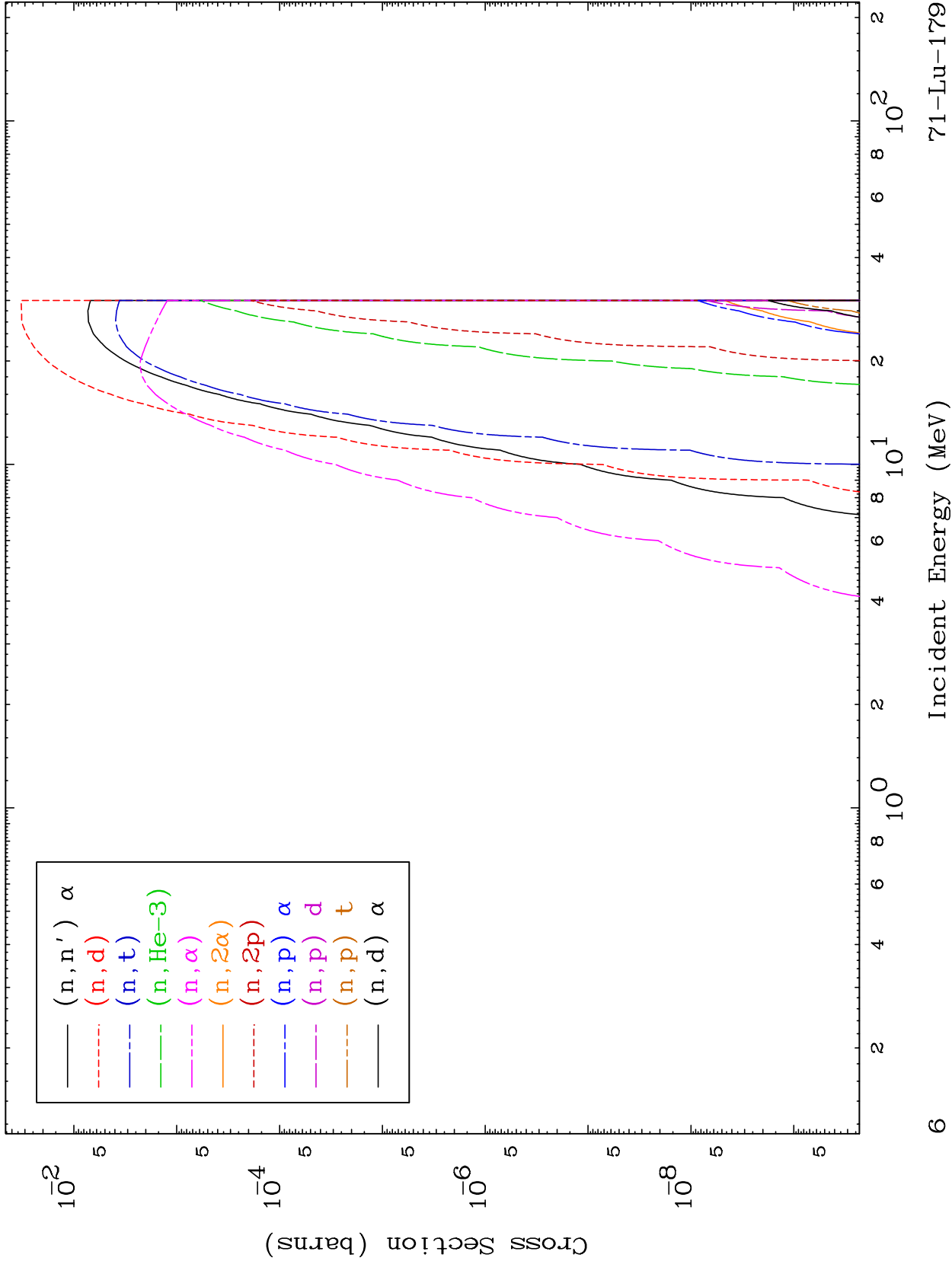
Proton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-179







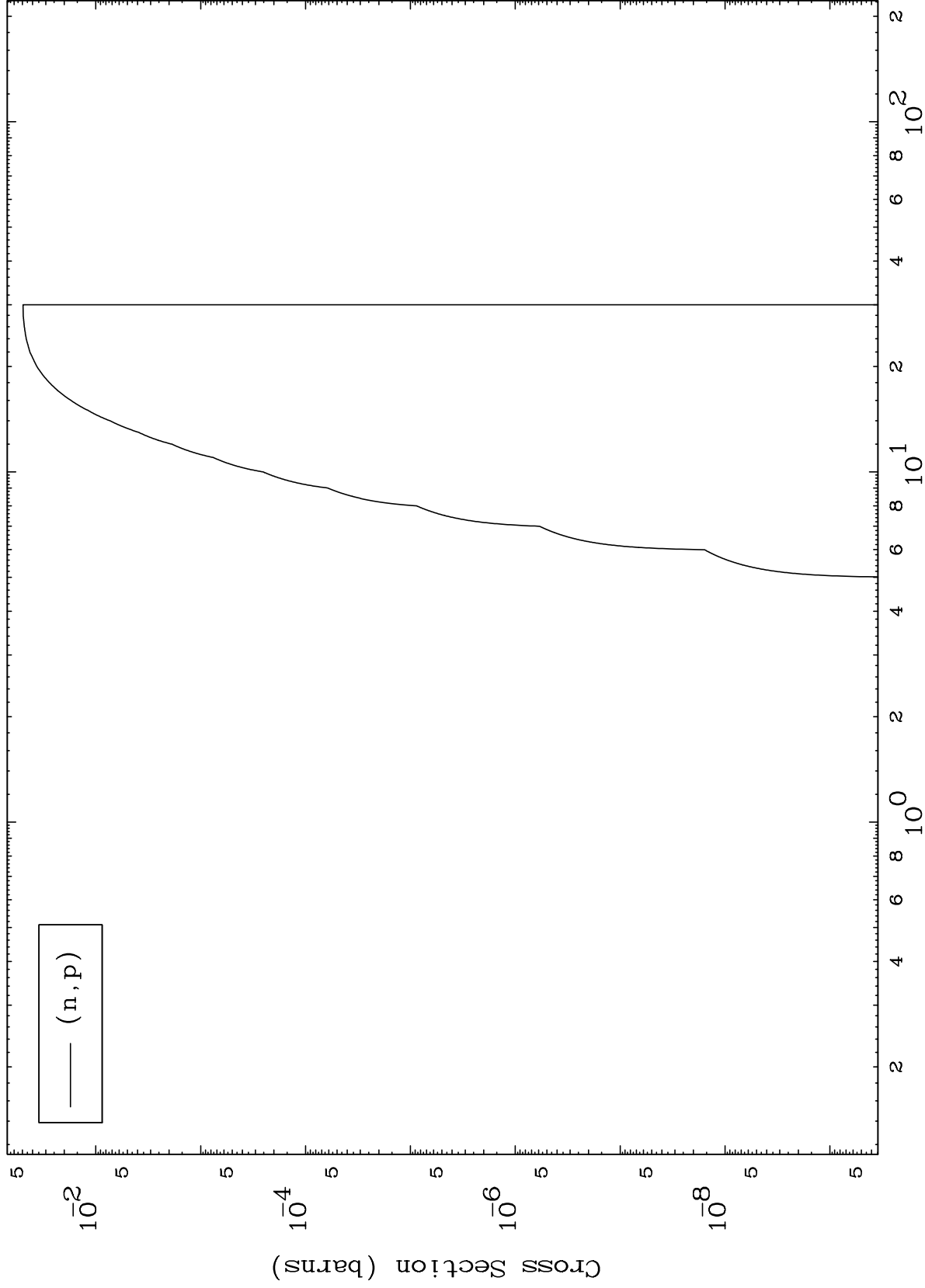


MAT 7137

(p,p) Levels

71-Lu-179

0 Kelvin Cross Sections



7

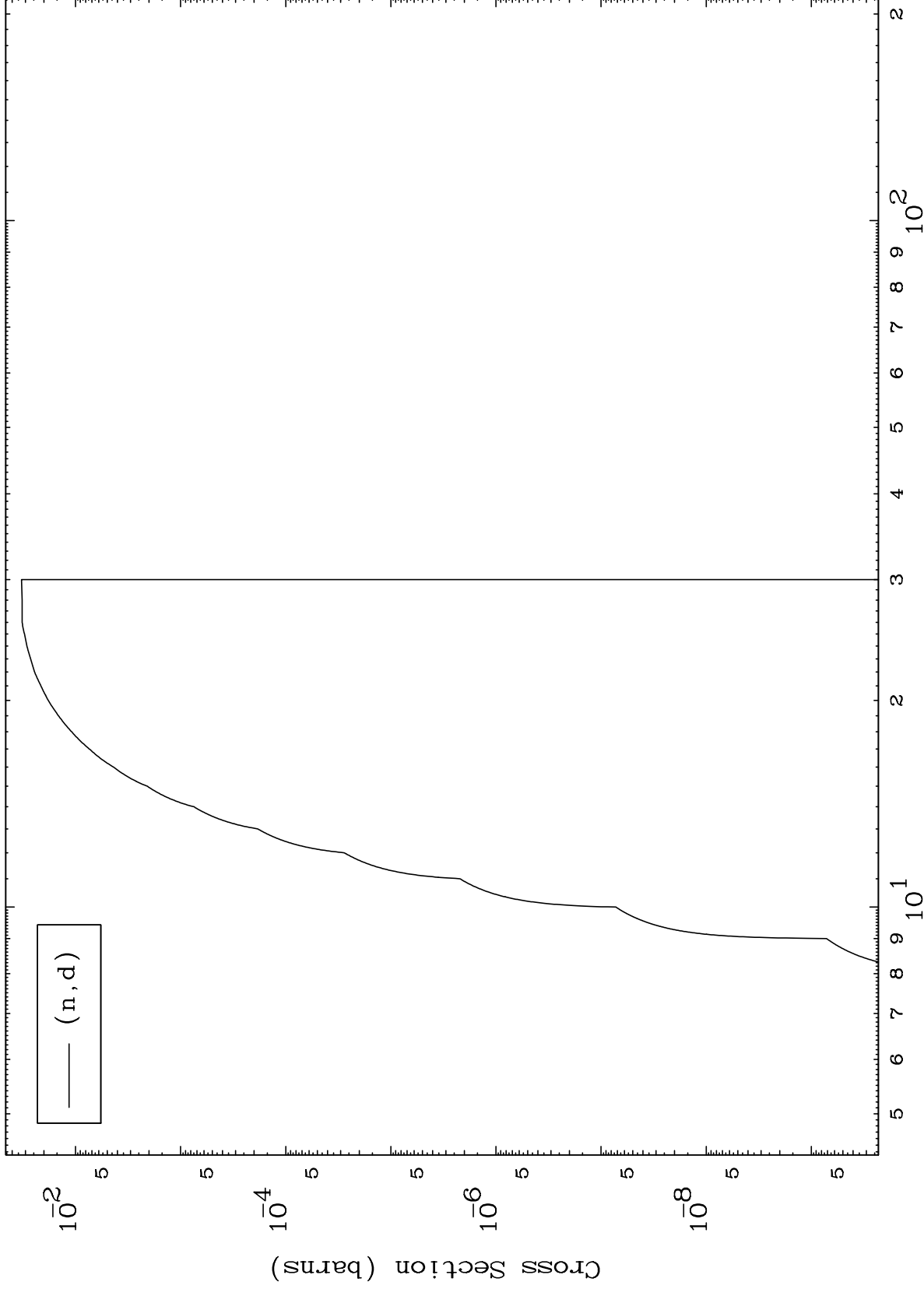
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-179



8

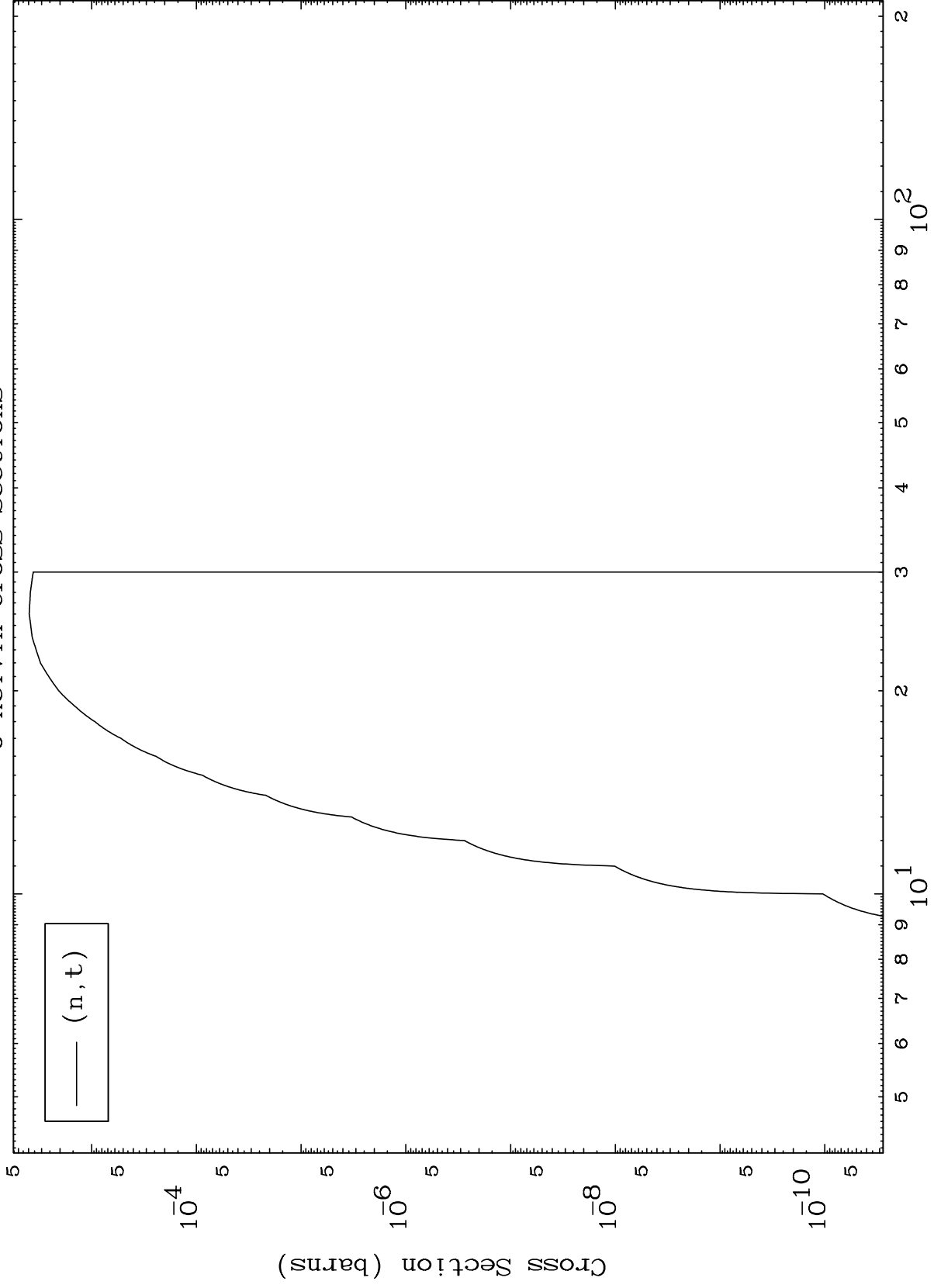
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p,t) Levels
0 Kelvin Cross Sections

71-Lu-179



9

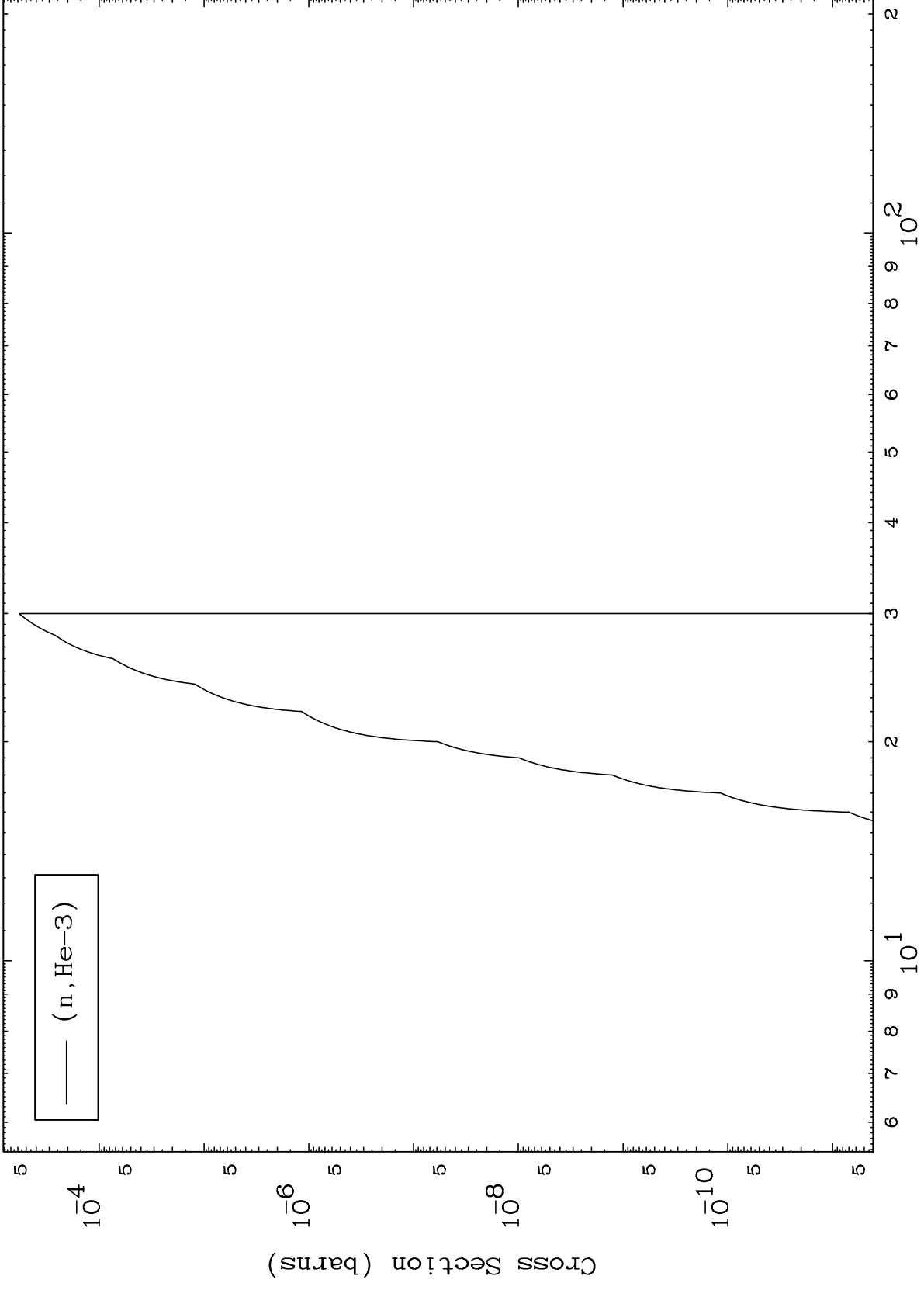
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-179



10

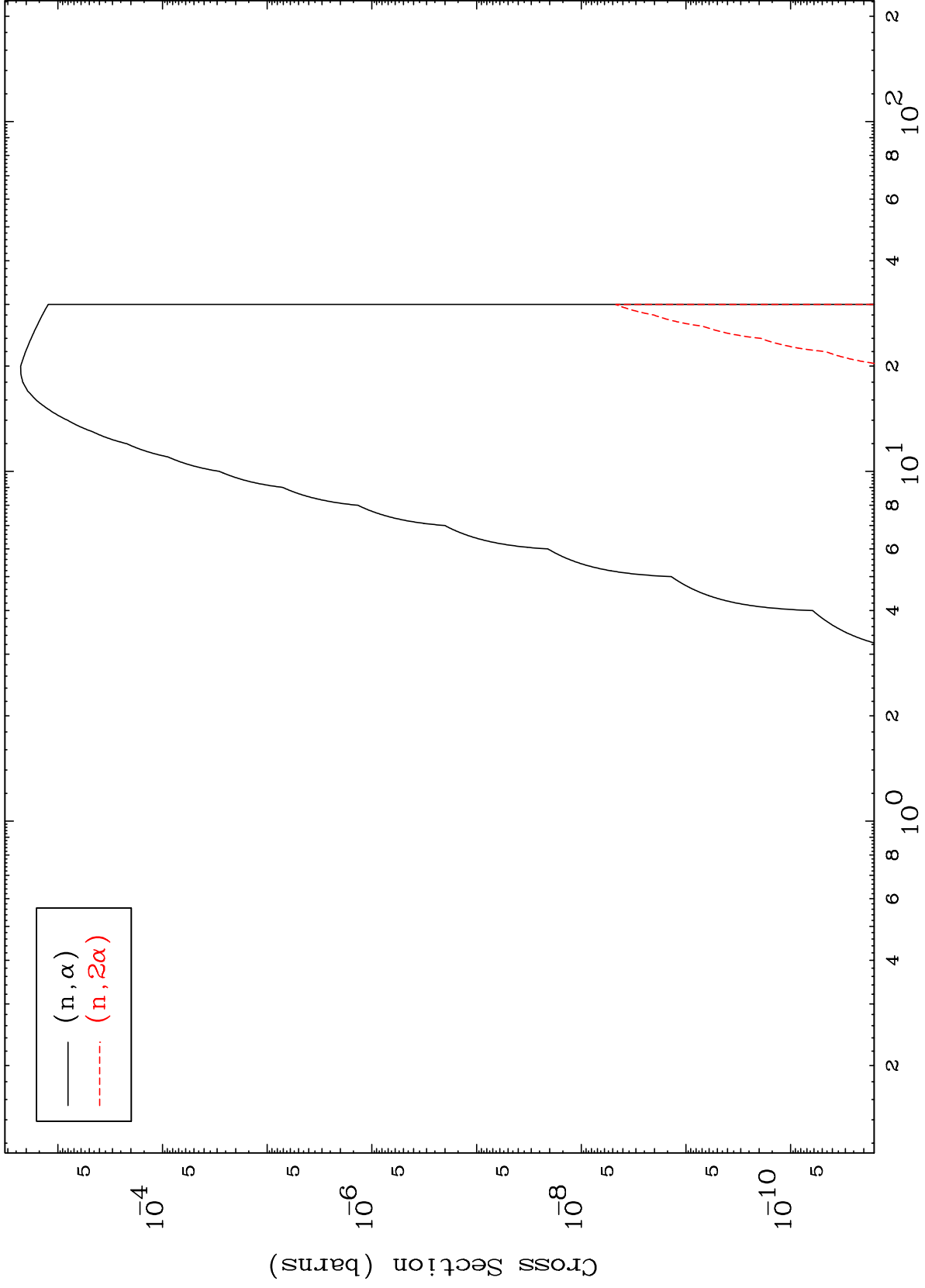
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p, α) Levels
0 Kelvin Cross Sections

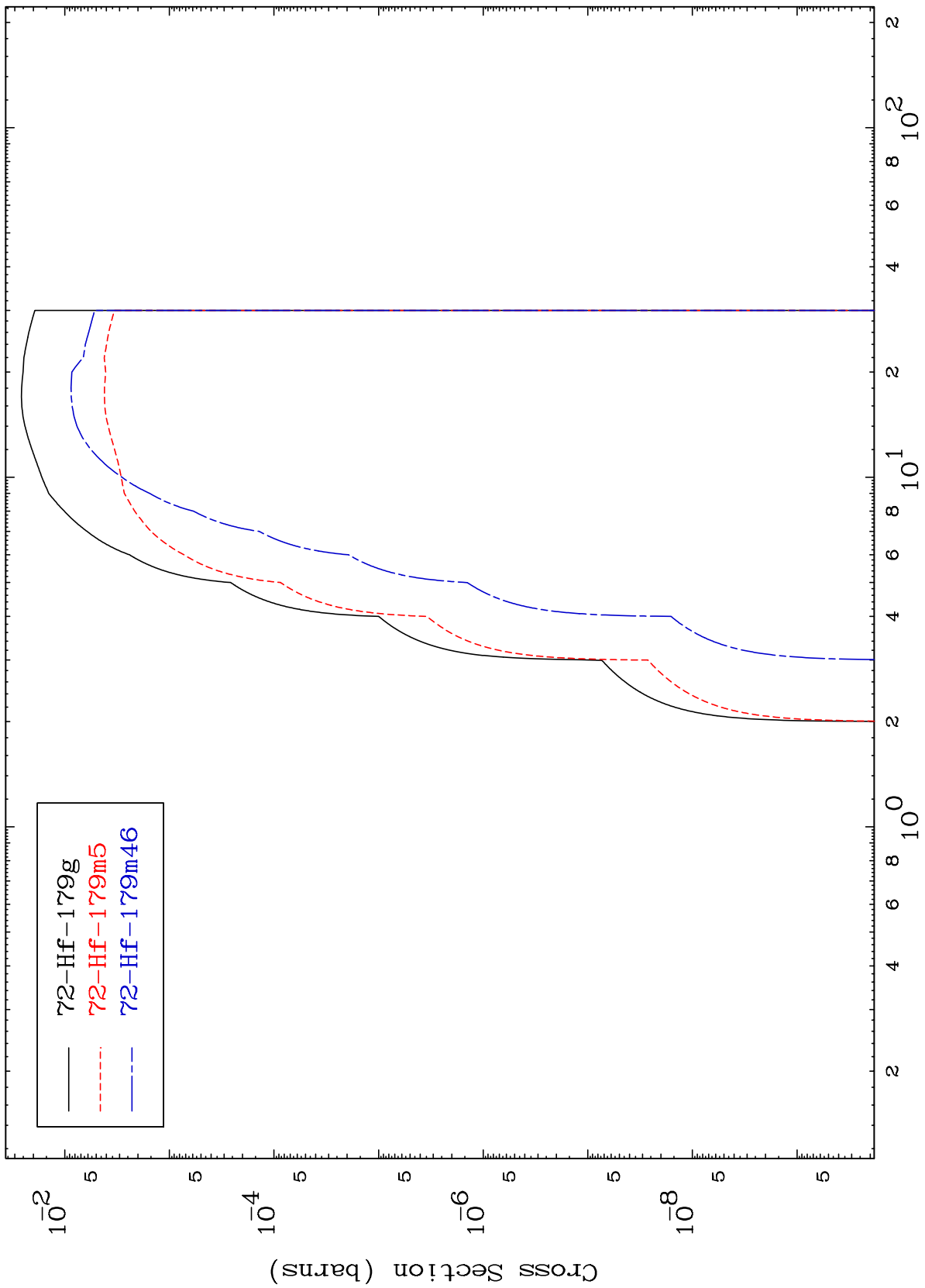
71-Lu-179



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71-Lu-179

Inelastic
Radionuclide Production Cross Section



12

71-Lu-179

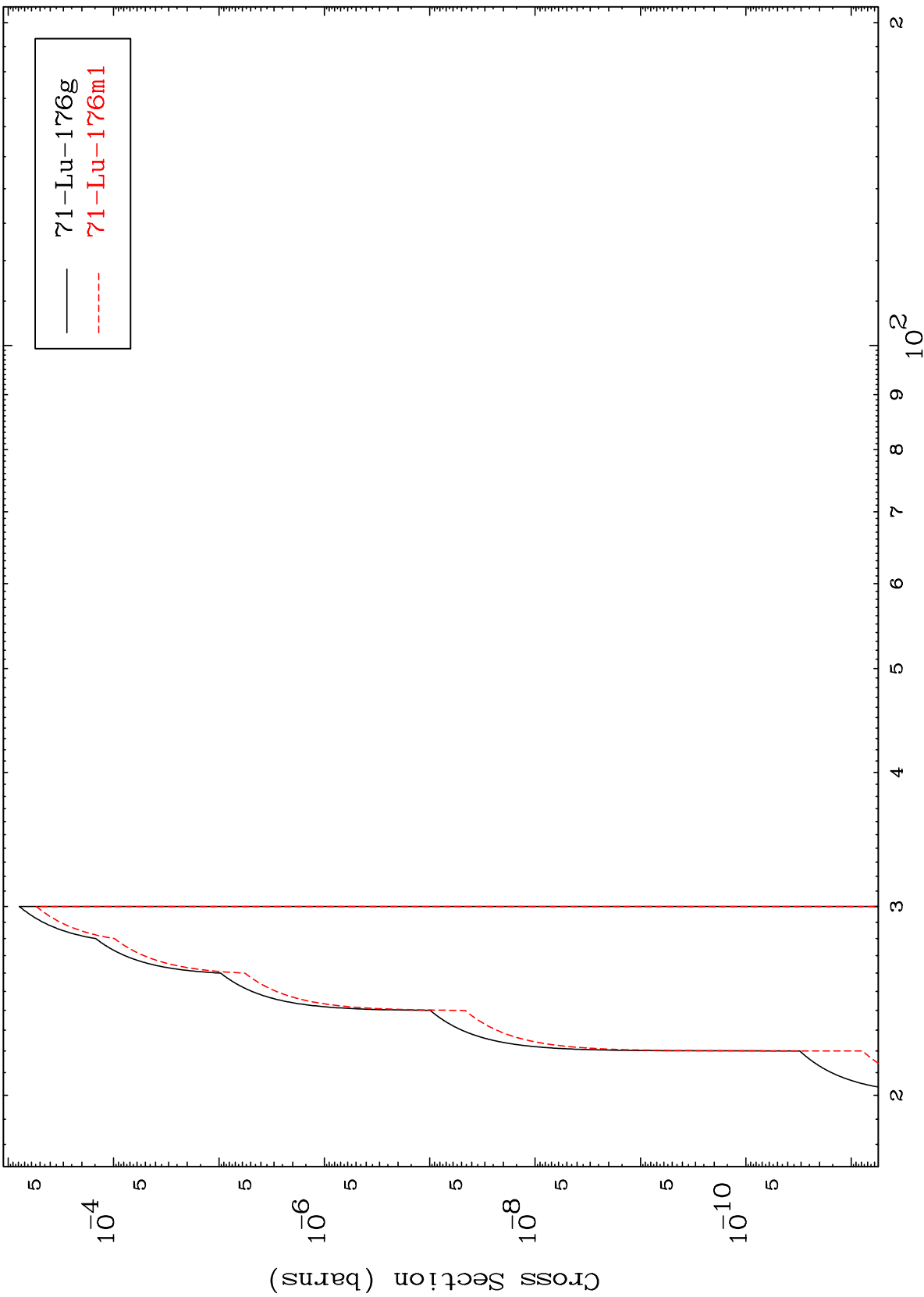
Incident Energy (MeV)

MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

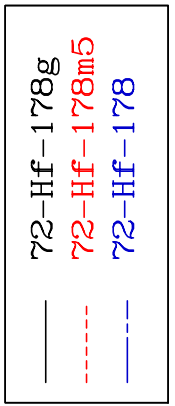
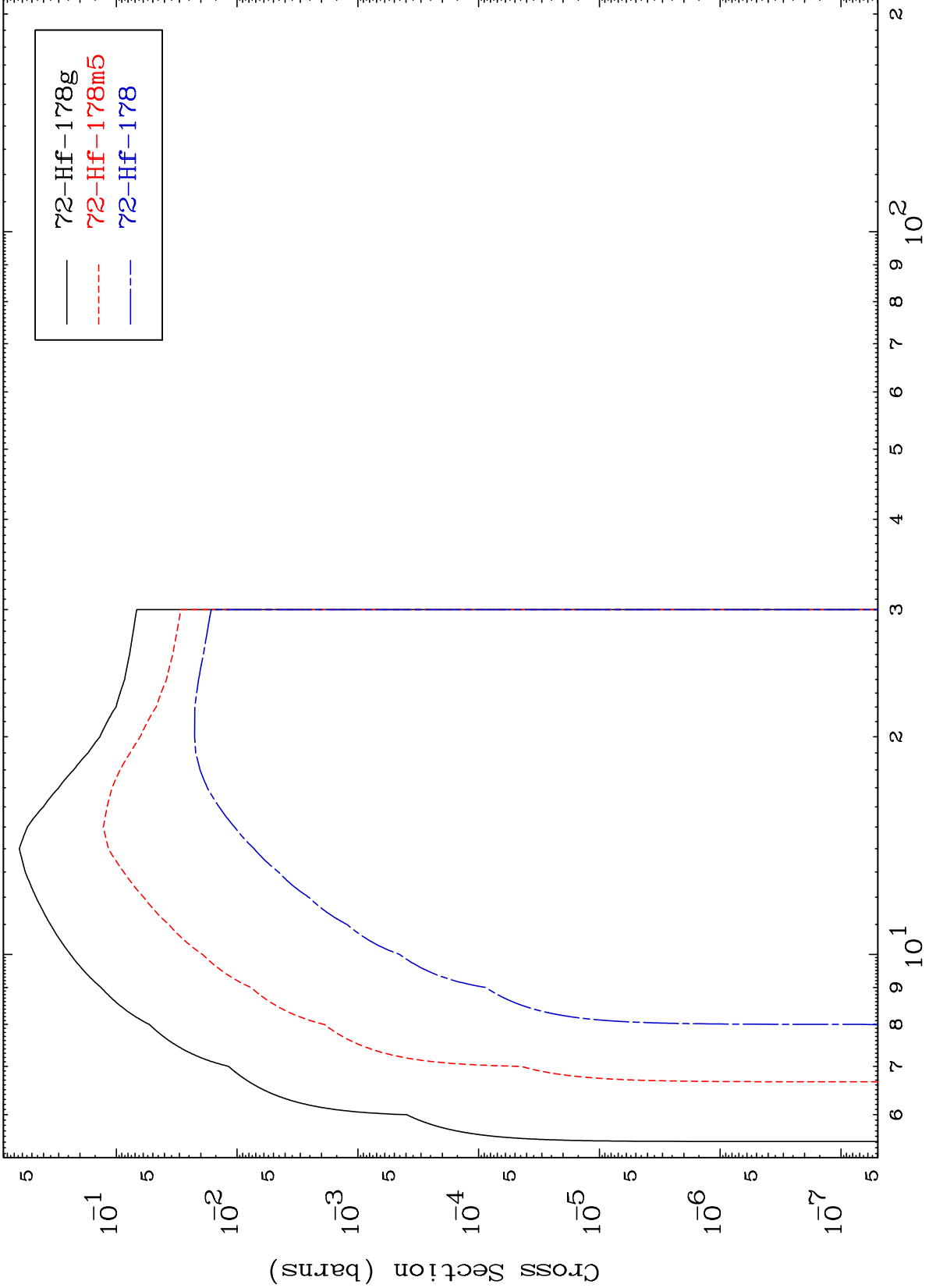
71-Lu-179

MAT 7137

(n,2n)

71-Lu-179

Radionuclide Production Cross Section



14

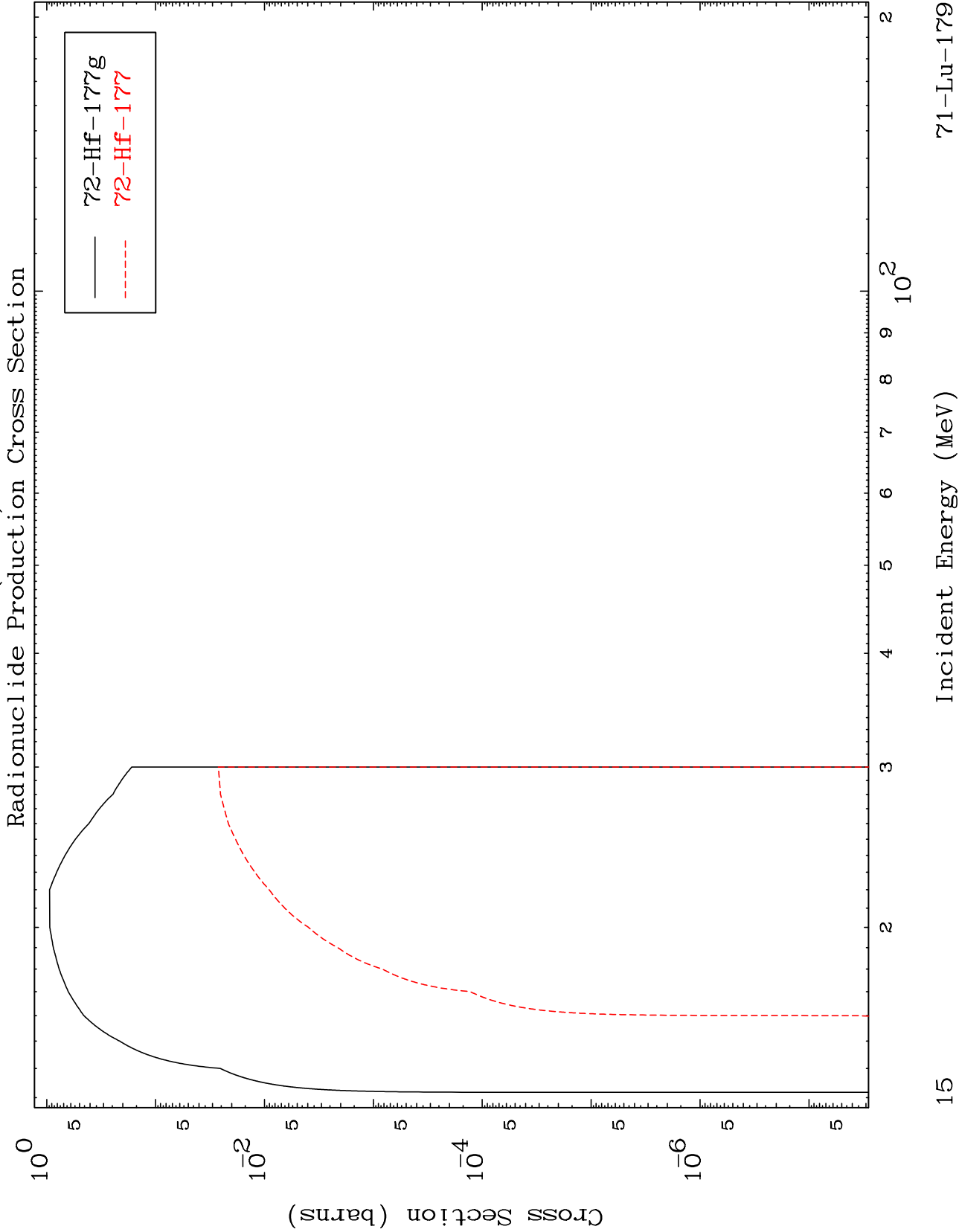
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,3n)

71-Lu-179



15

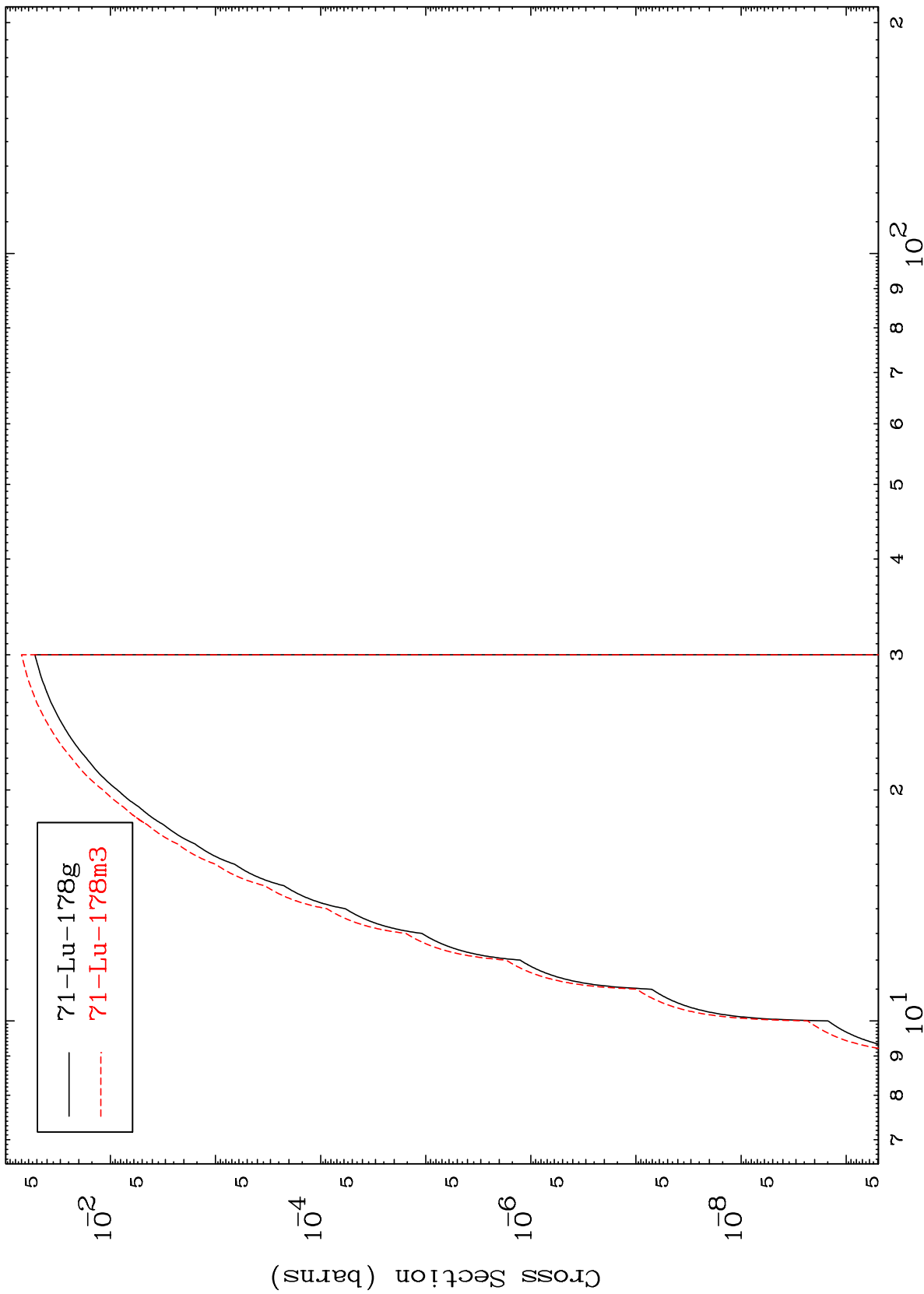
71-Lu-179

MAT 7137

(n,n') p

71-Lu-179

Radionuclide Production Cross Section



16

Incident Energy (MeV)

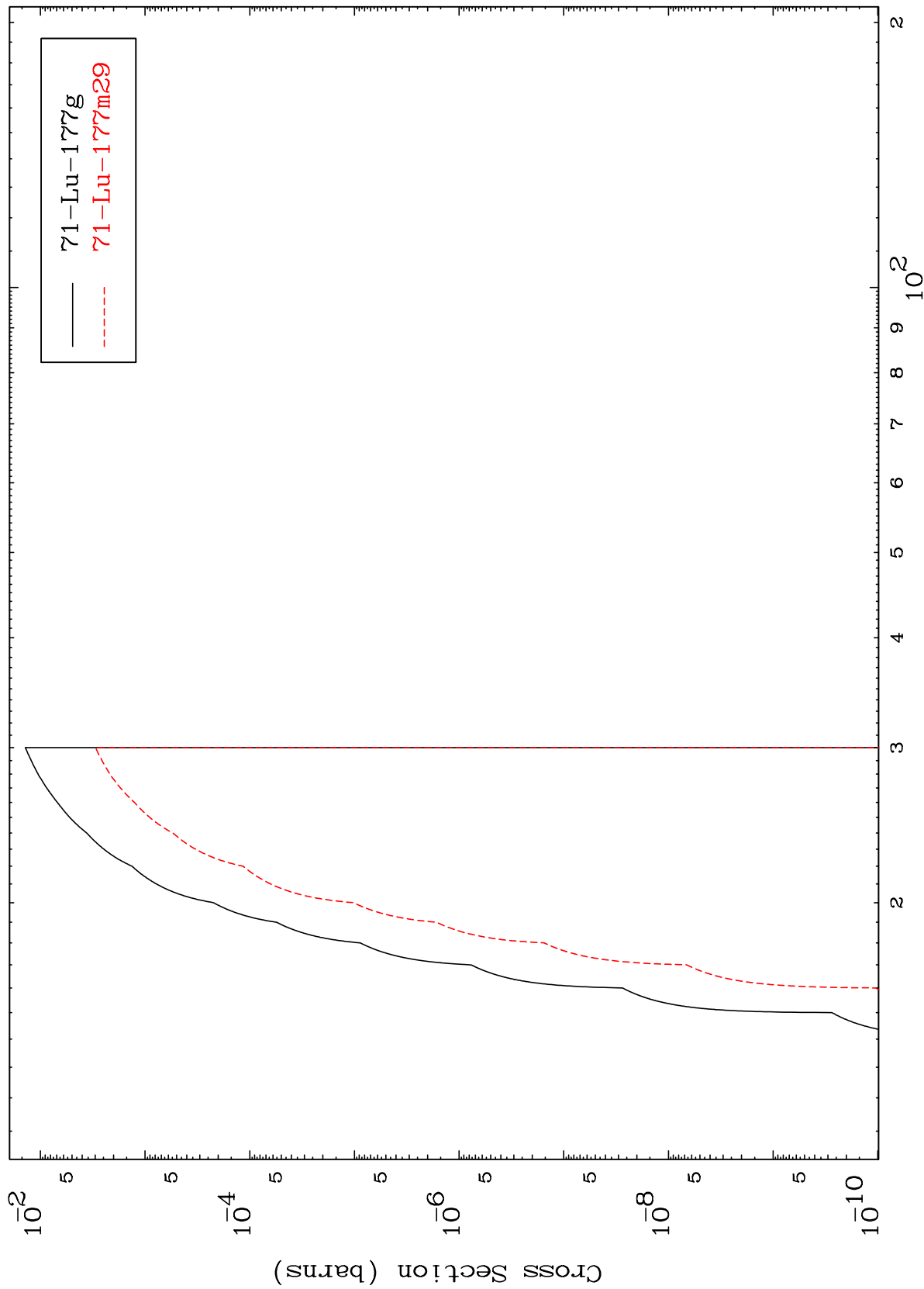
71-Lu-179

MAT 7137

(n,n') d

71-Lu-179

Radionuclide Production Cross Section

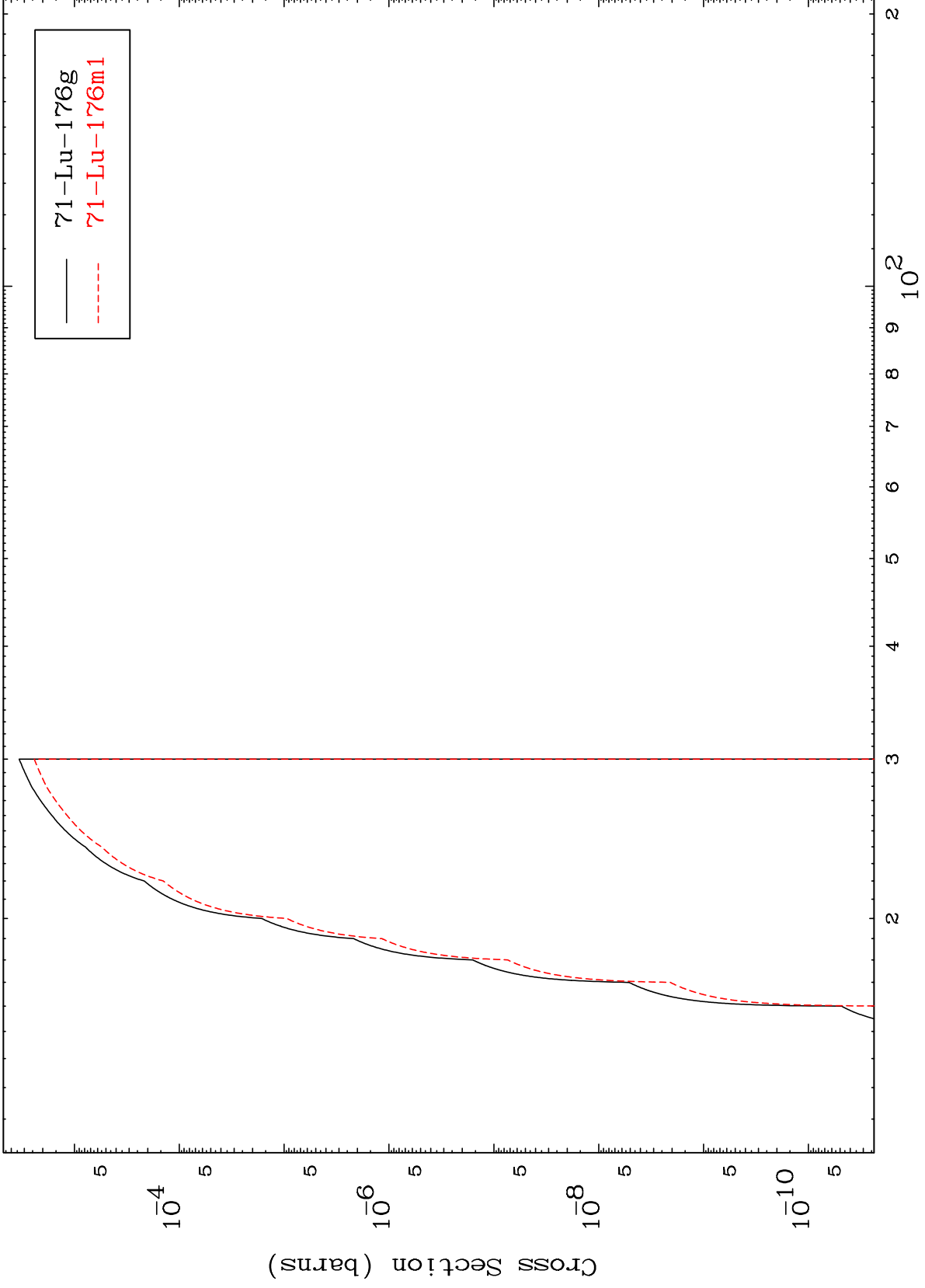


17

Incident Energy (MeV)

71-Lu-179

Radionuclide Production Cross Section

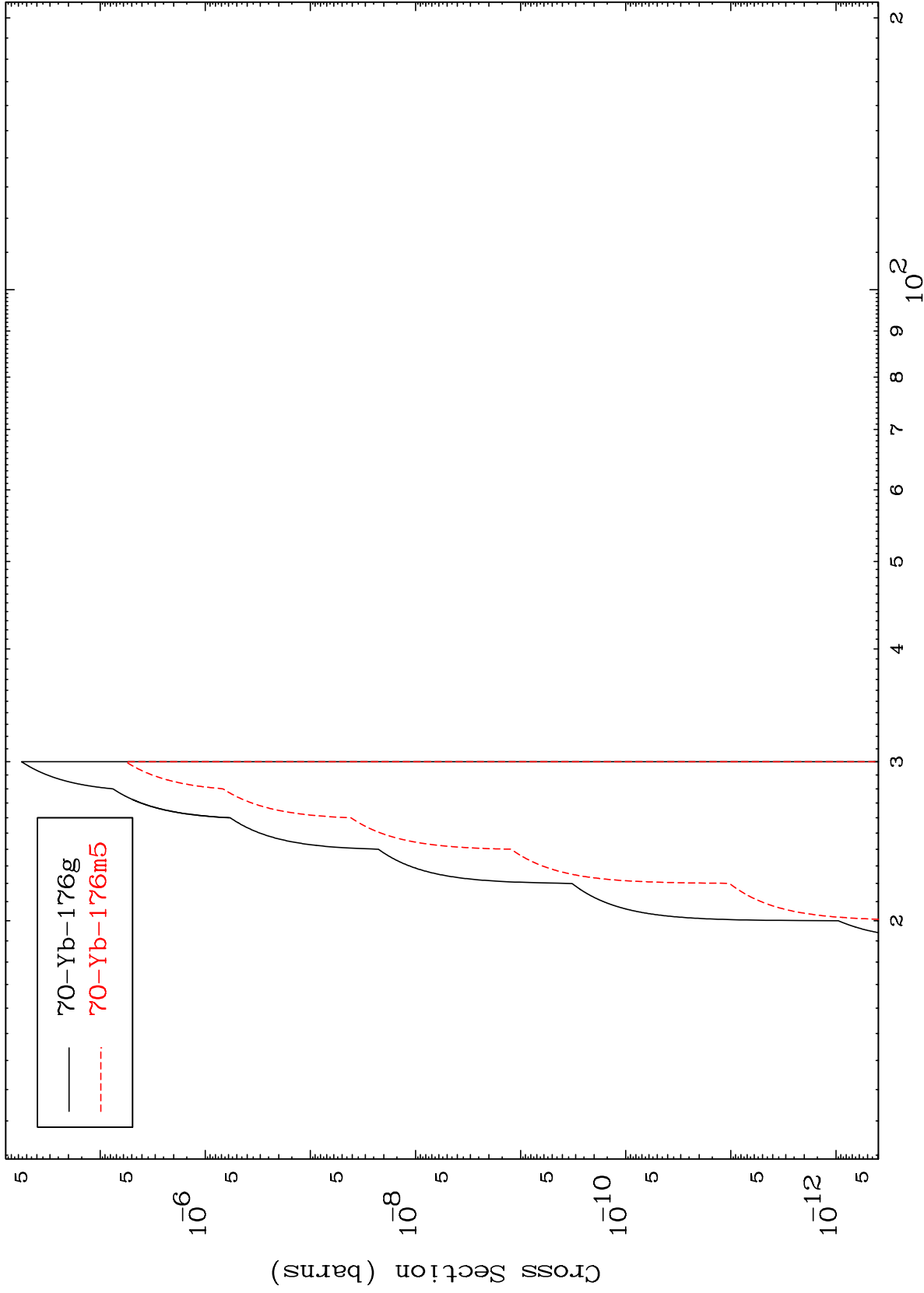


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(n,n') He-3

71-Lu-179

Radionuclide Production Cross Section



19

Incident Energy (MeV)

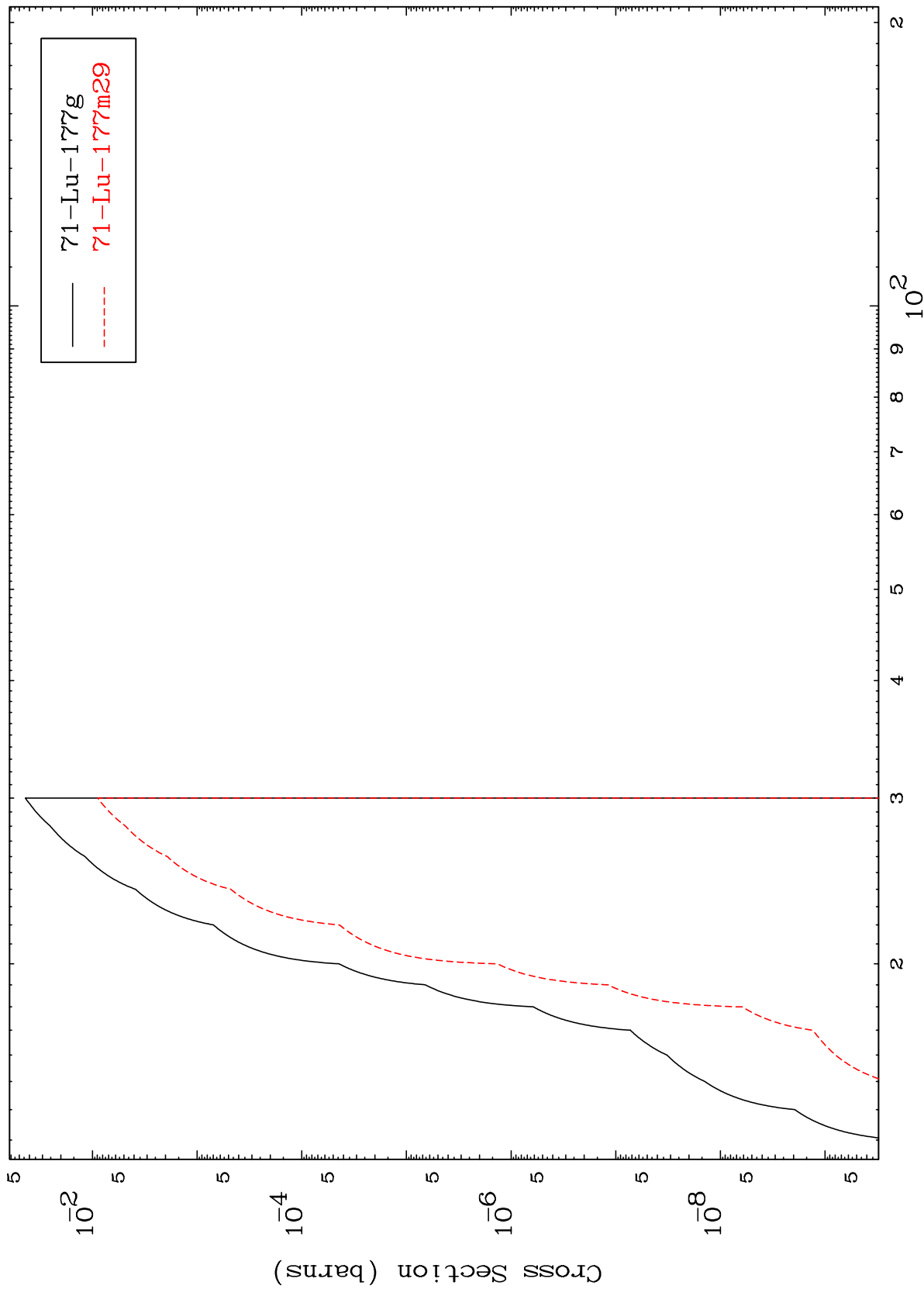
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

20

Incident Energy (MeV)

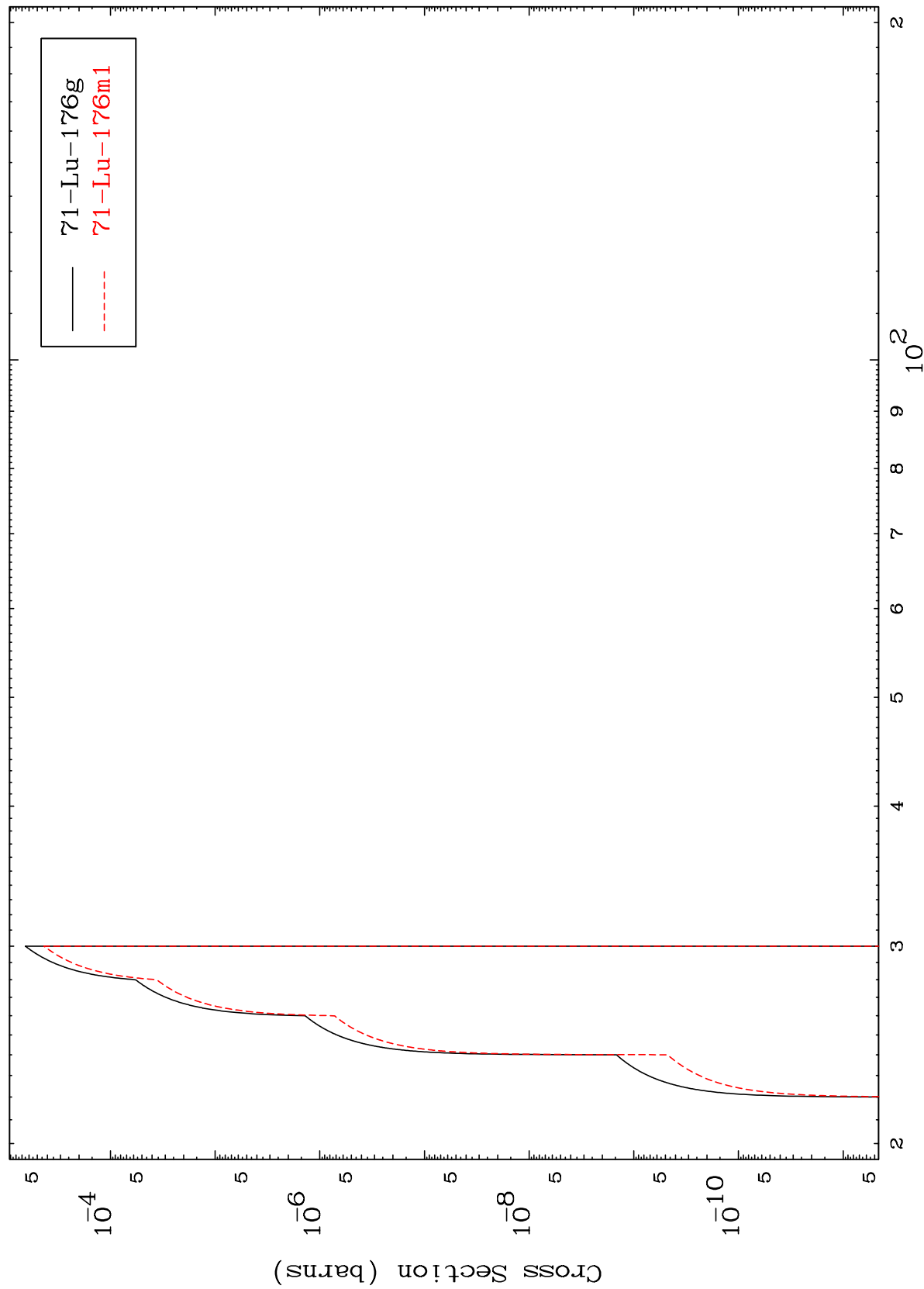
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section

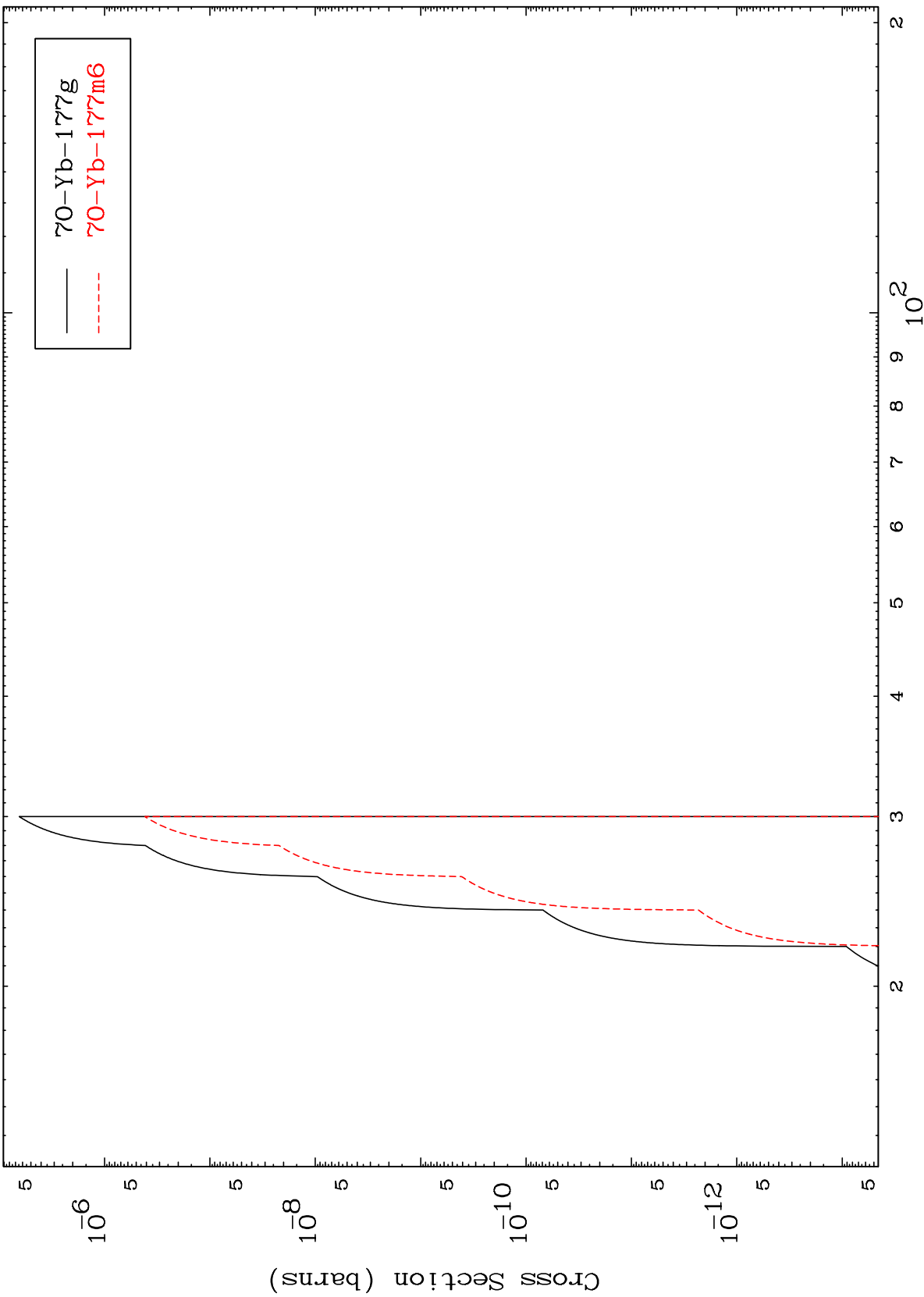


21

Incident Energy (MeV)

71-Lu-179

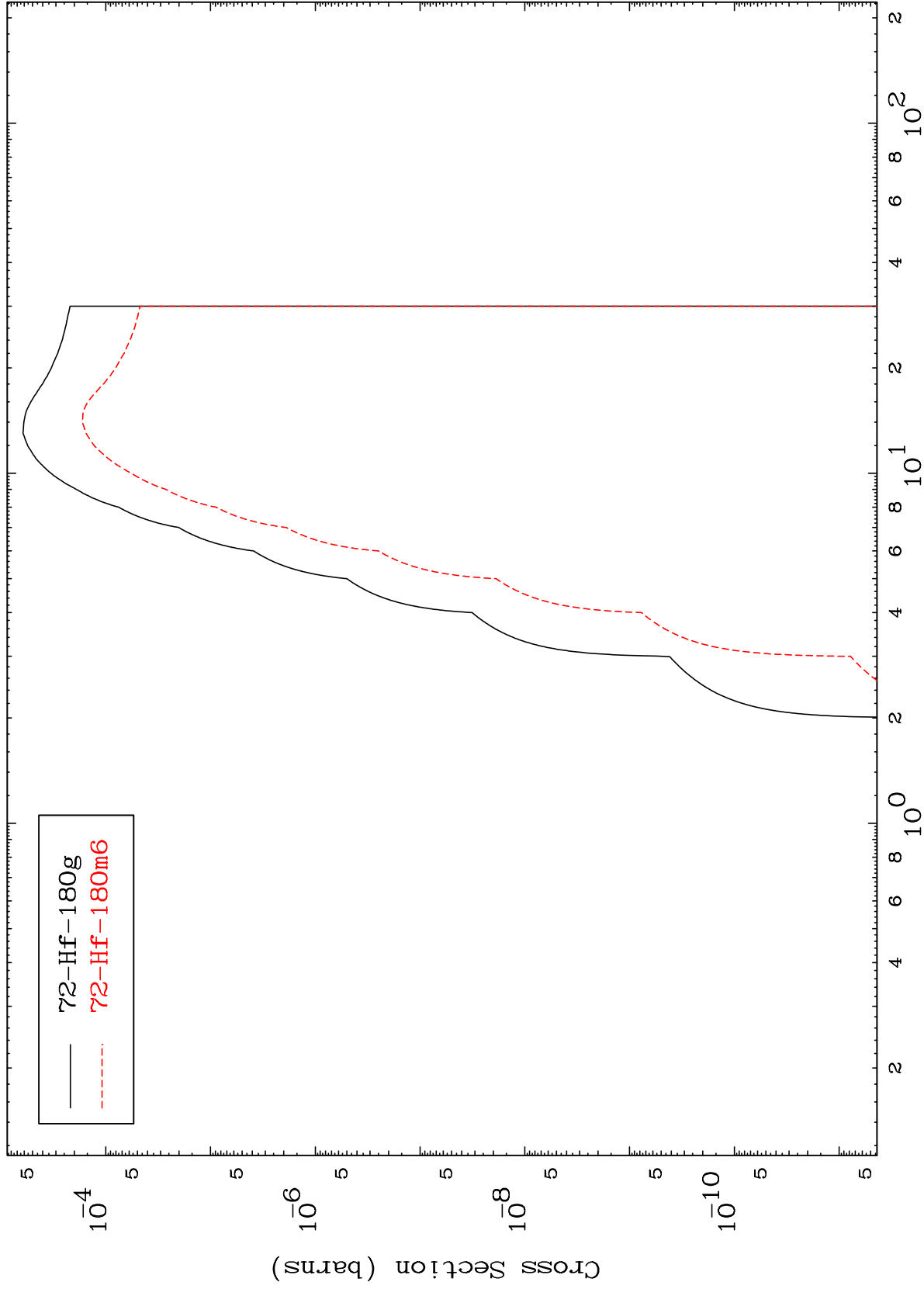
Radionuclide Production Cross Section



MAT 7137

71-Lu-179

Radionuclide Production Cross Section



23

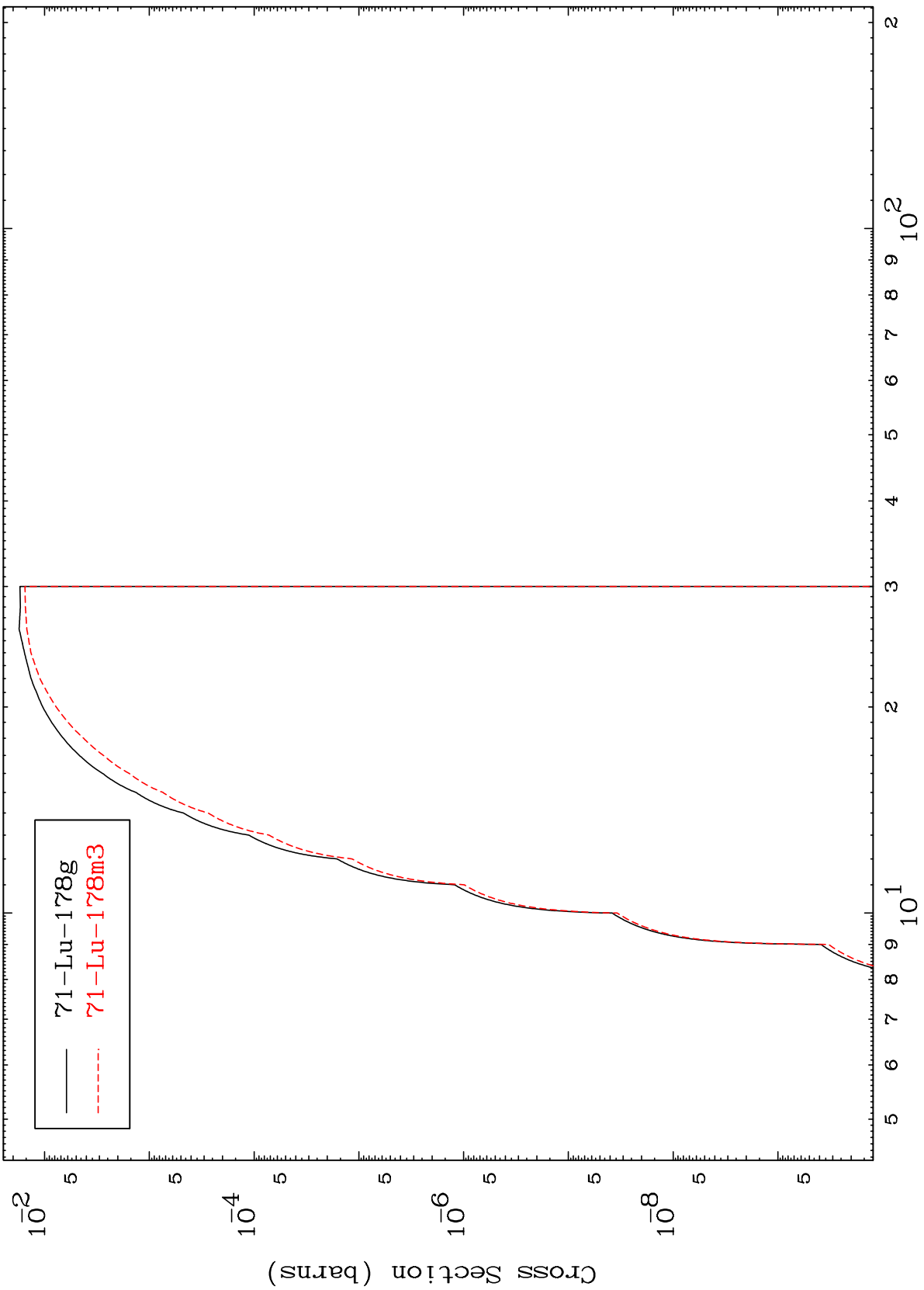
71-Lu-179

Incident Energy (MeV)

MAT 7137

71-Lu-179

(n,d)
Radionuclide Production Cross Section



24

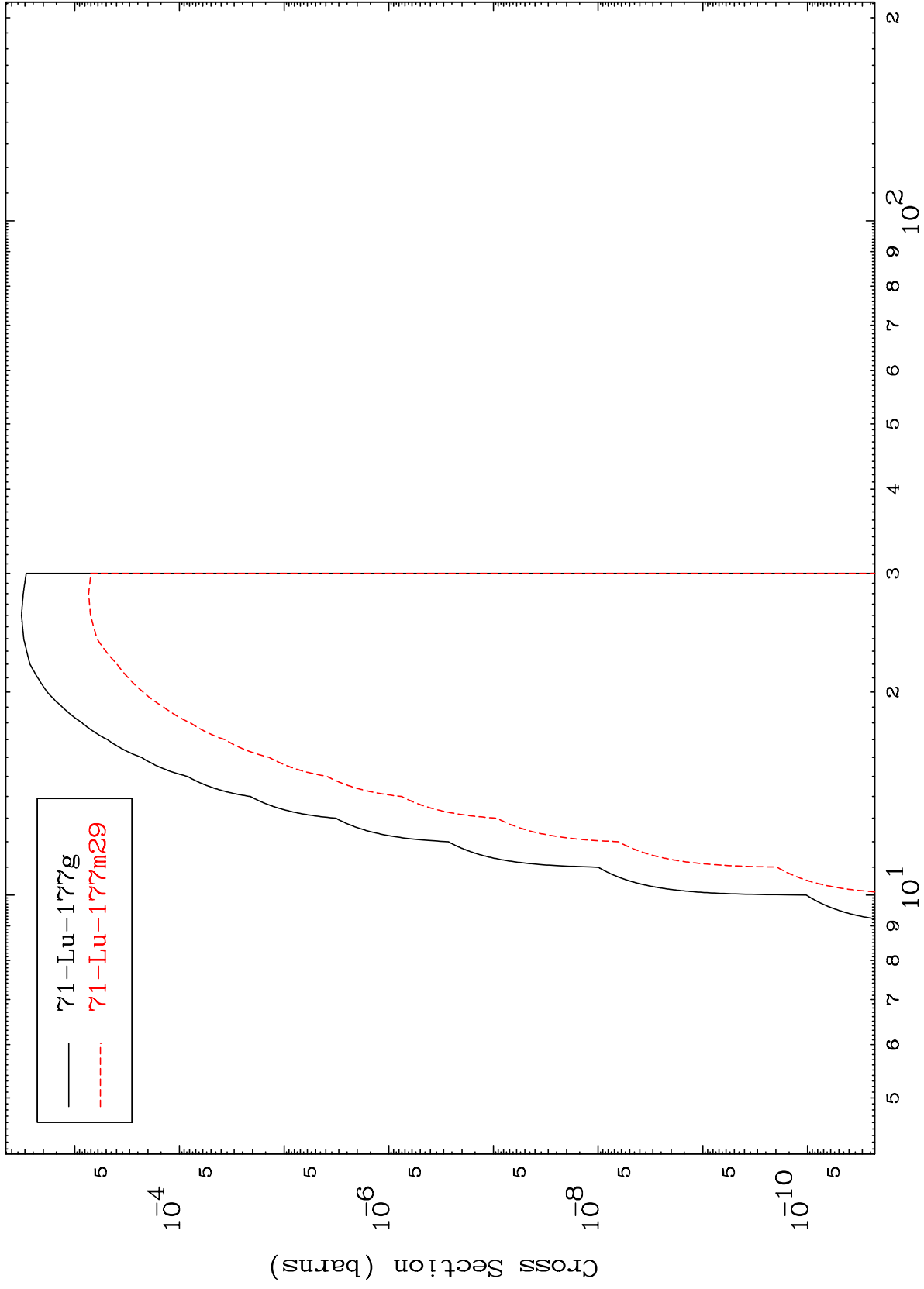
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

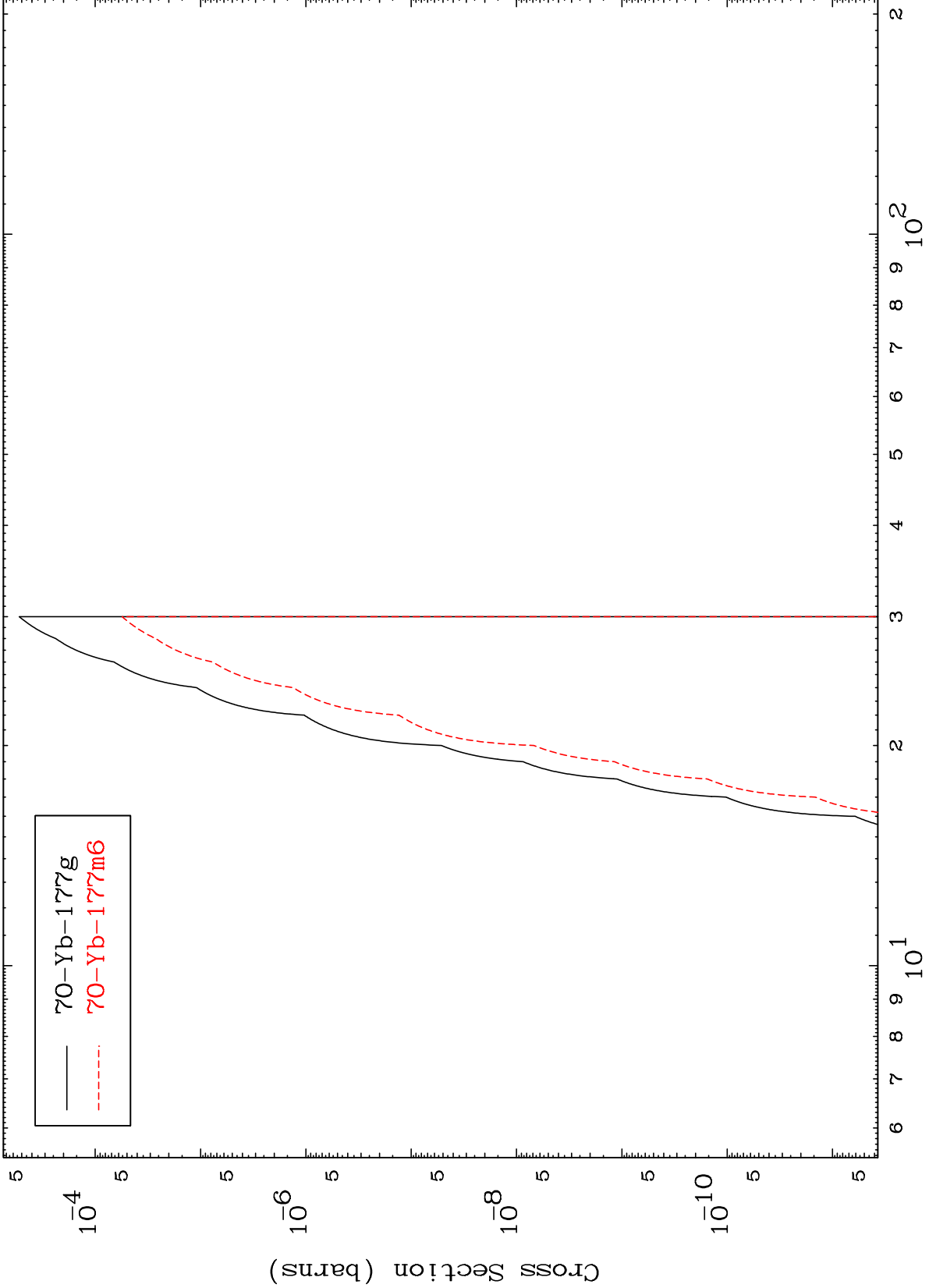
71-Lu-179

MAT 7137

(n,He-3)

71-Lu-179

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6

26

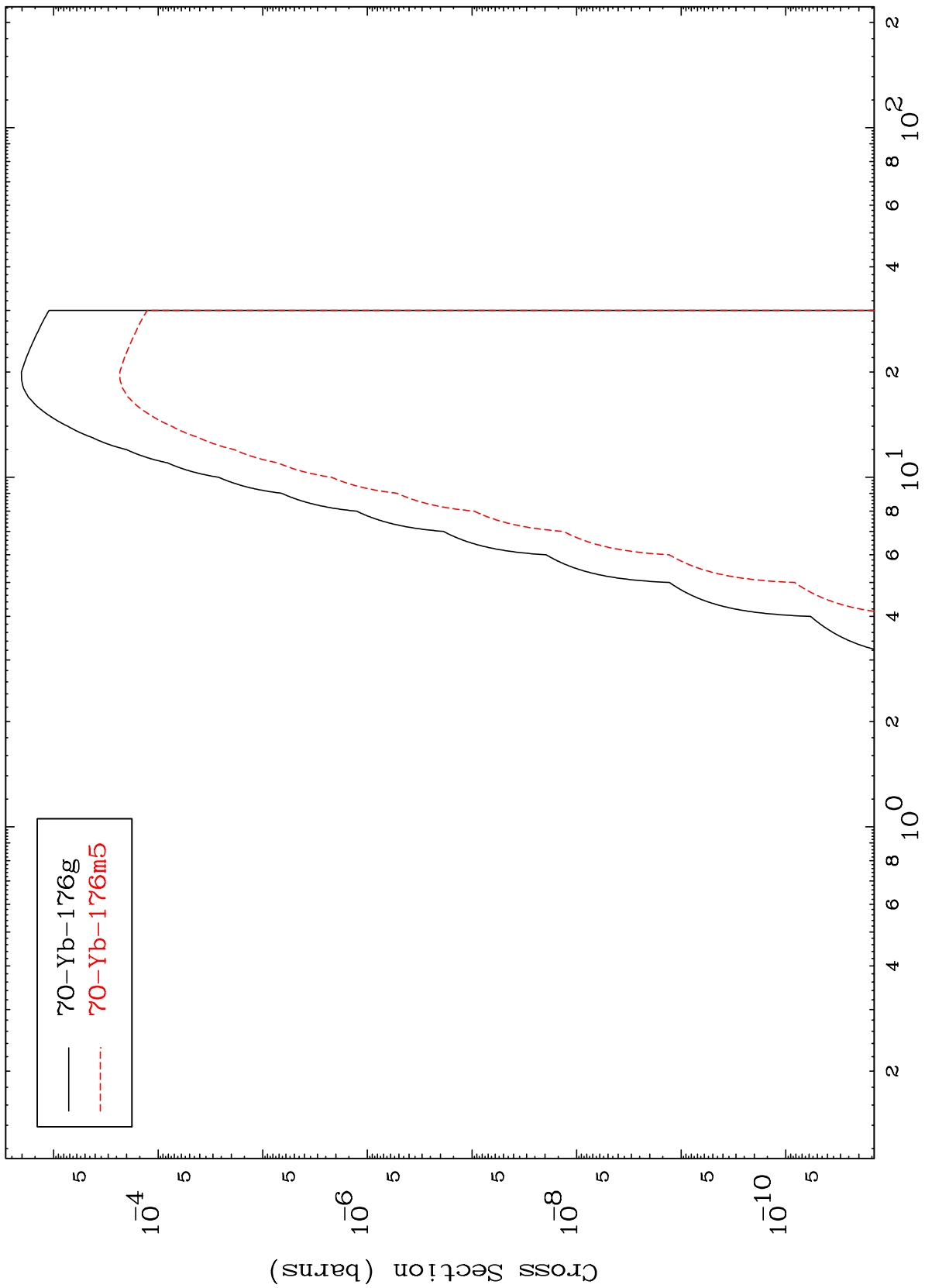
Incident Energy (MeV)

71-Lu-179

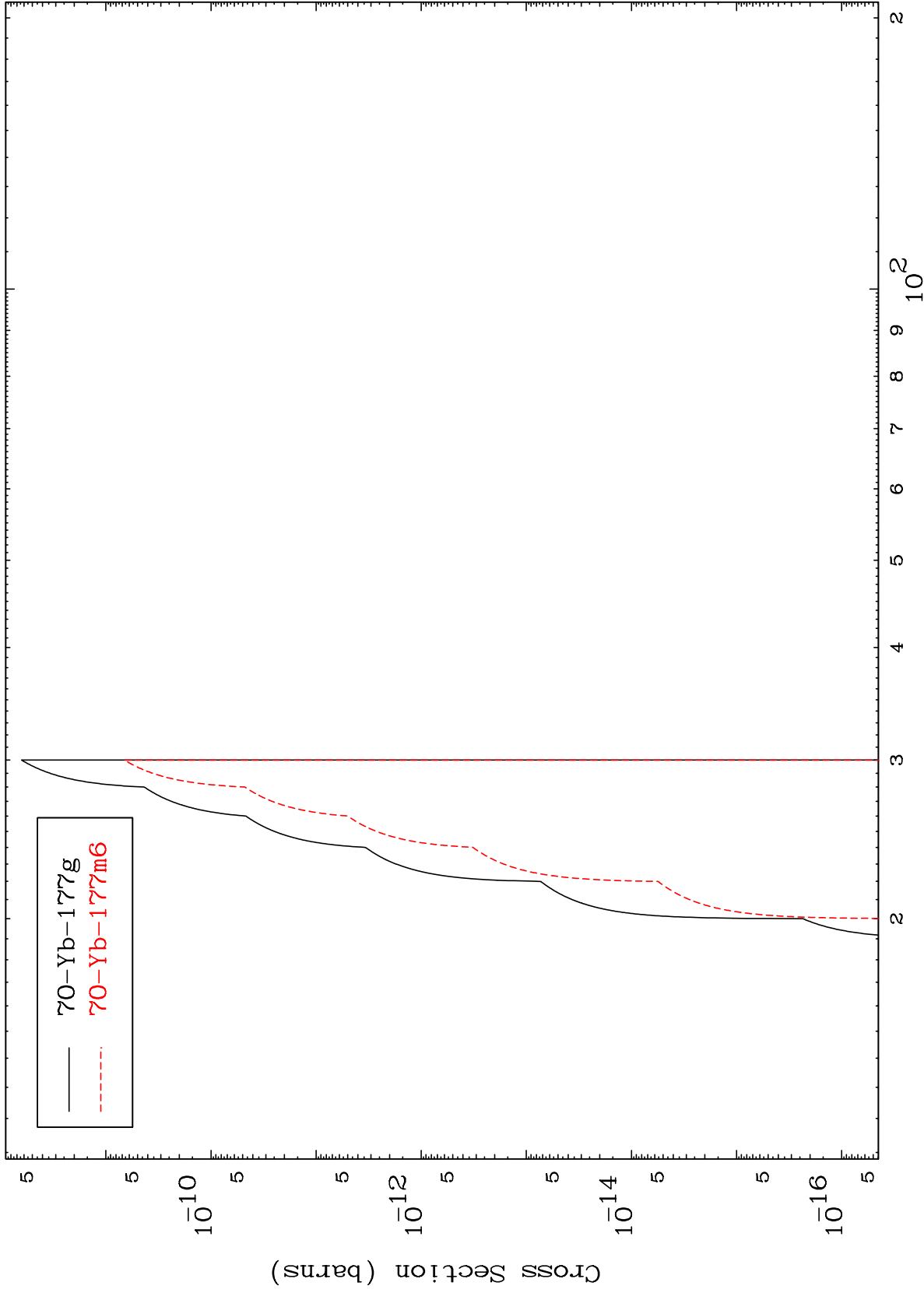
MAT 7137

71-Lu-179

Radionuclide Production Cross Section



Radionuclide Production Cross Section

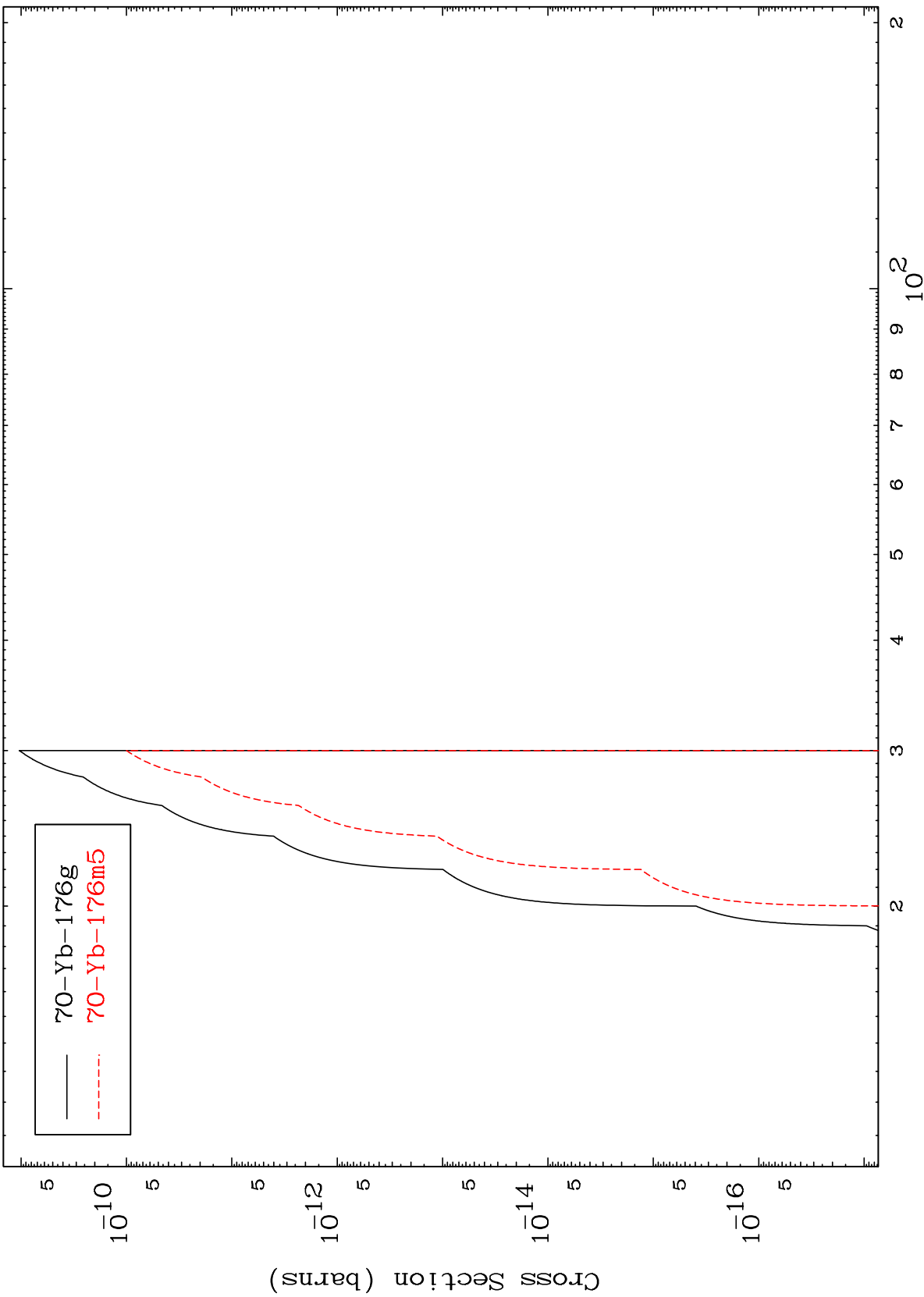


MAT 7137

(n,p) t

71-Lu-179

Radionuclide Production Cross Section



29

Incident Energy (MeV)

71-Lu-179