

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

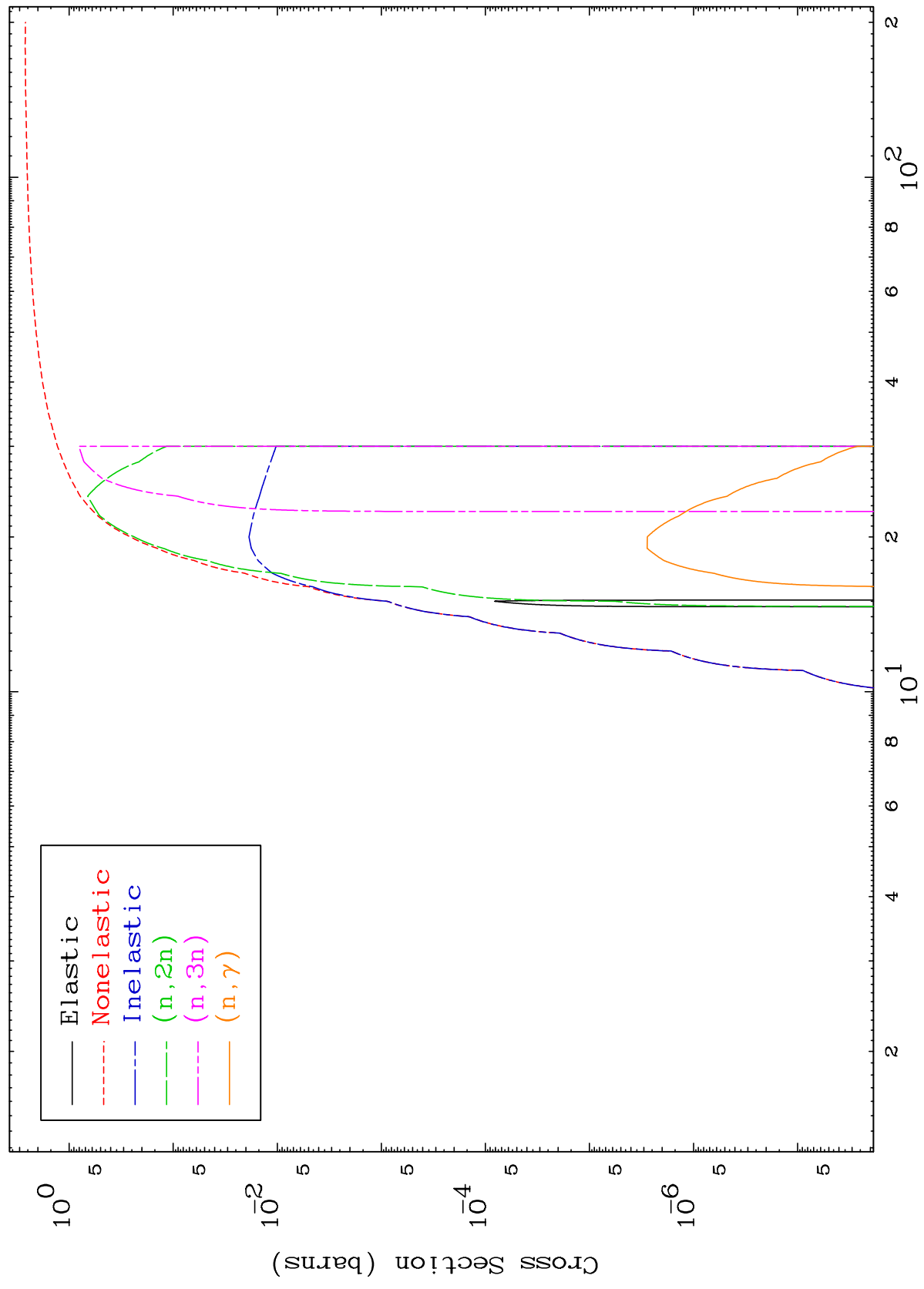
Press Mouse Button to Start

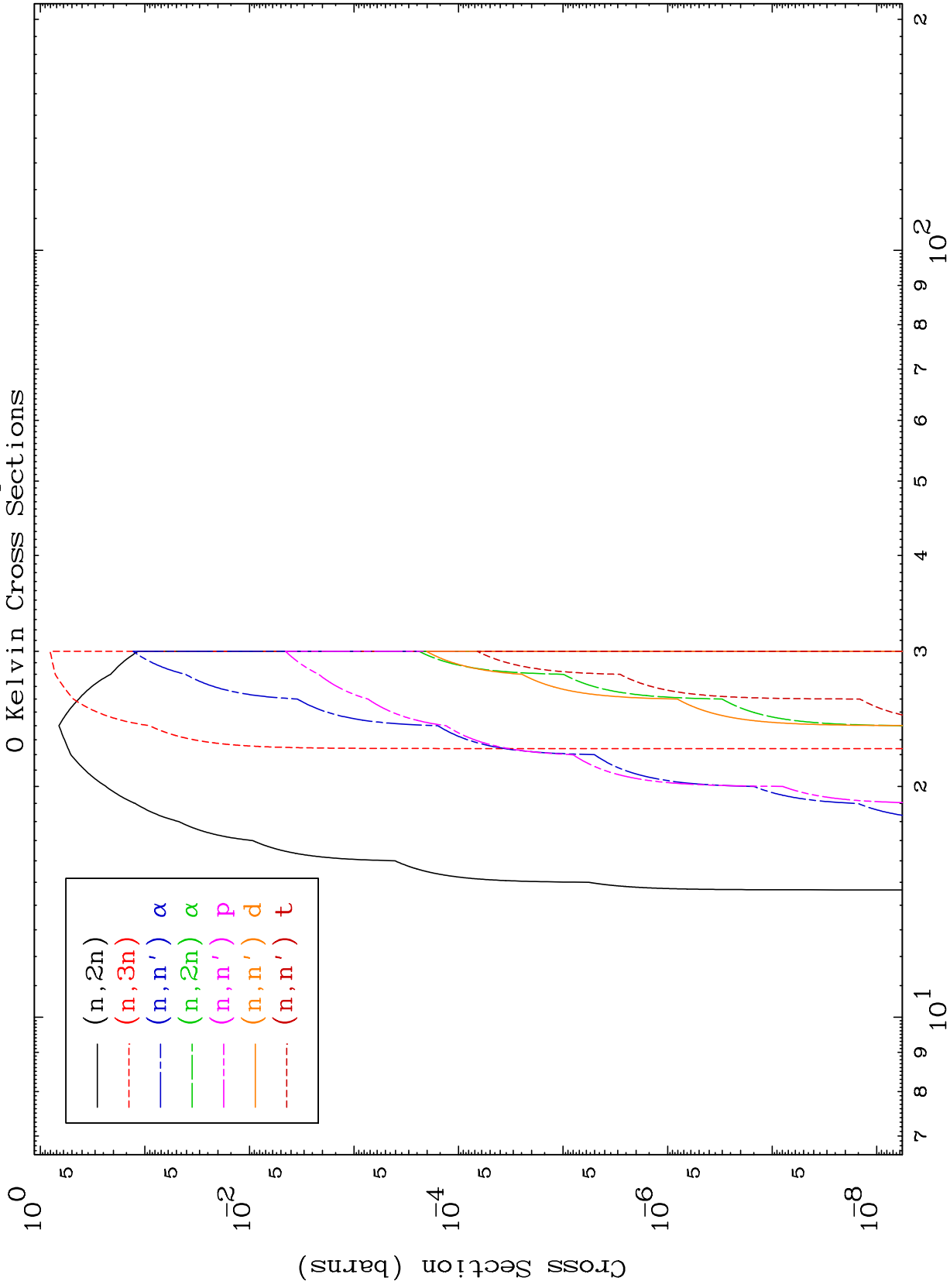
MAT 7137

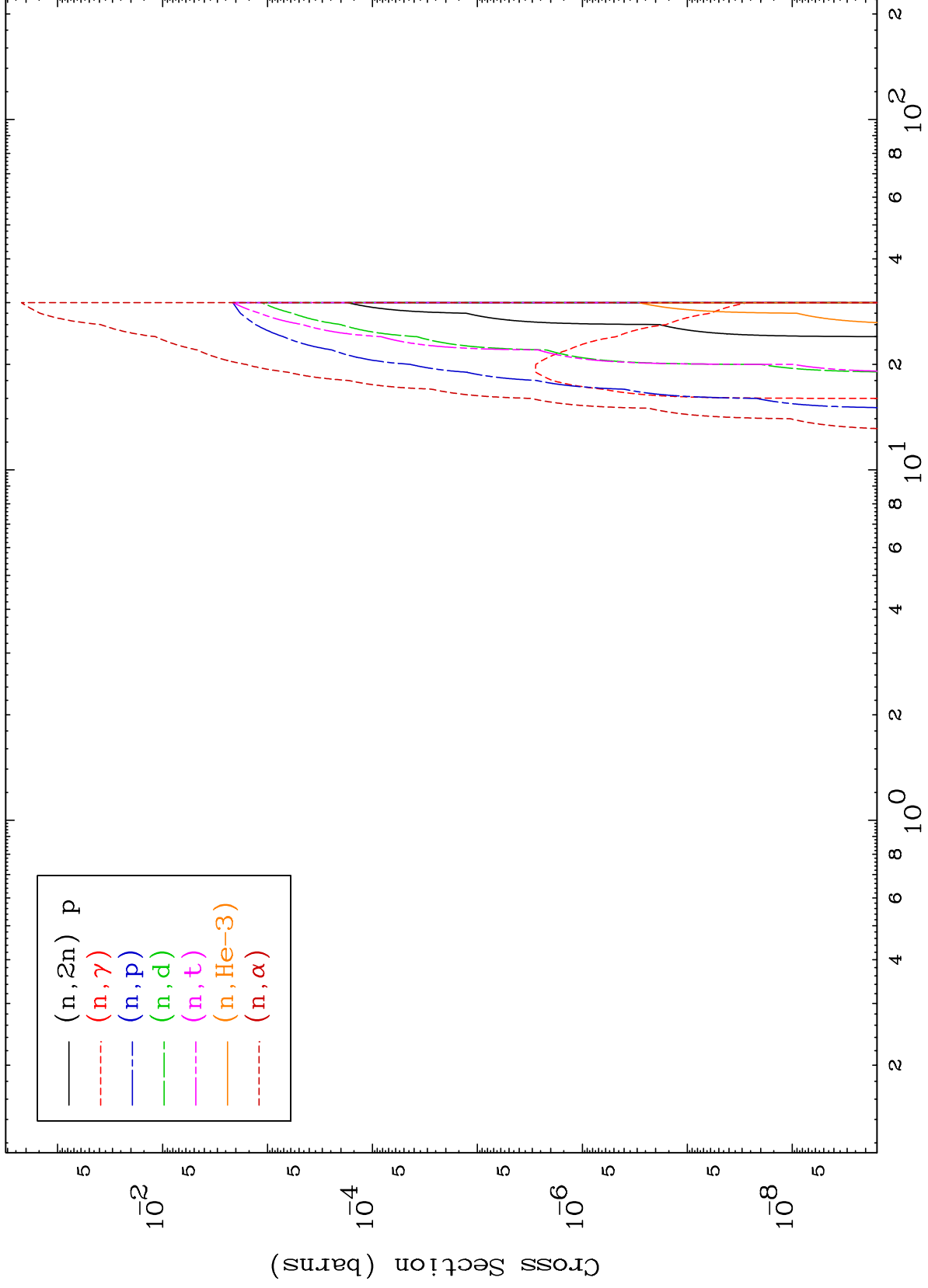
0 Kelvin

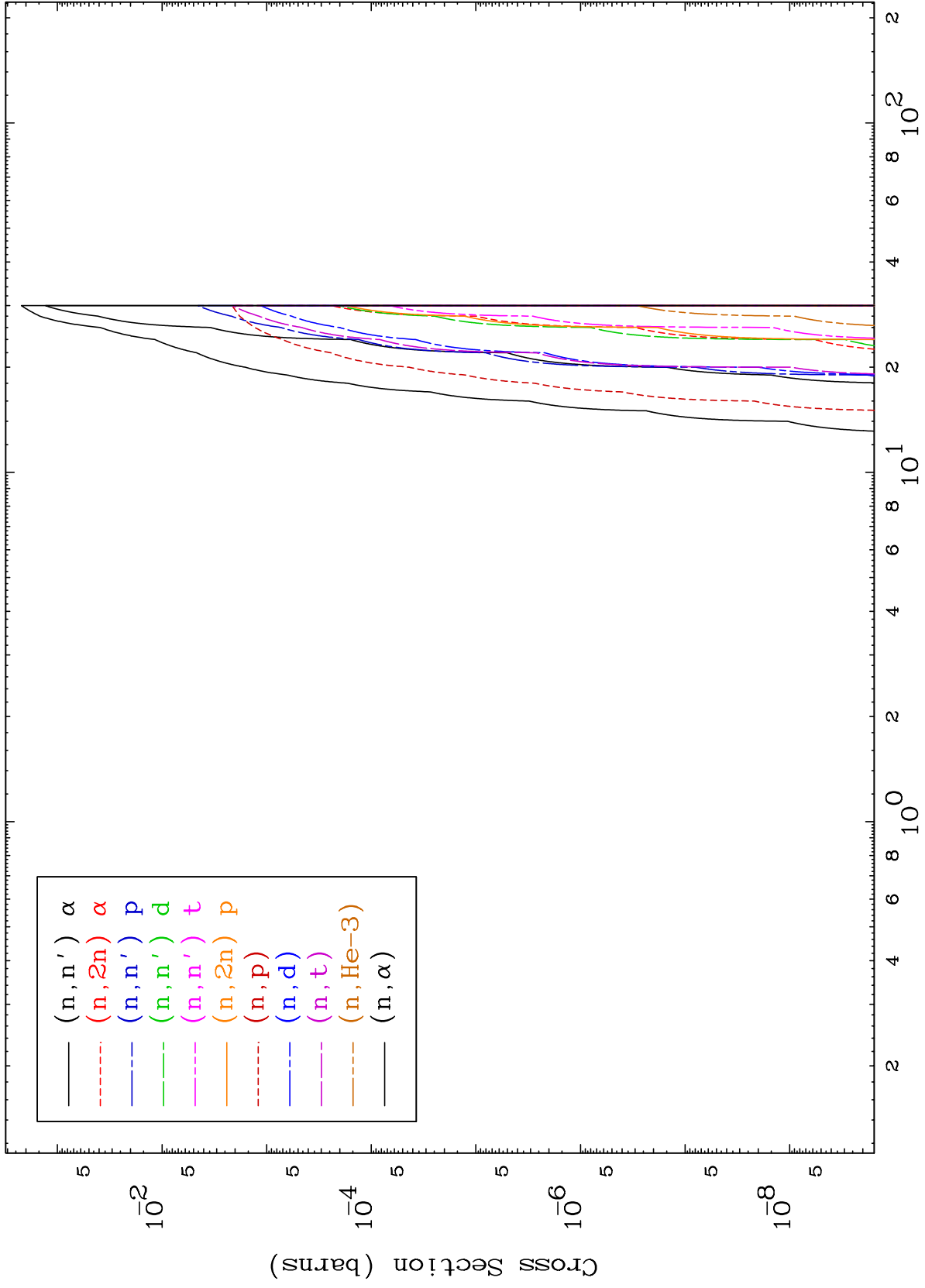
Major Cross Sections

⁷¹Lu-179





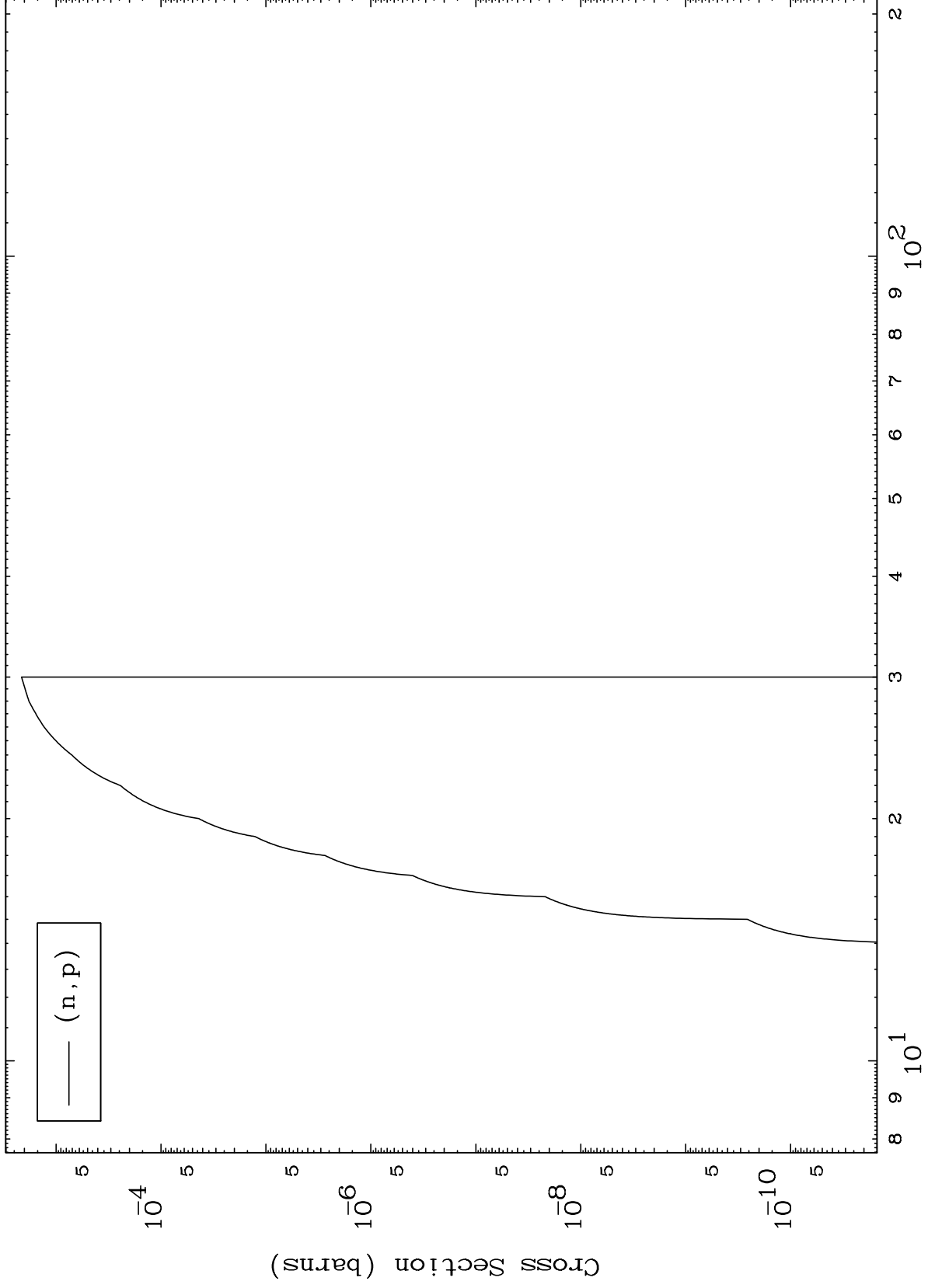




MAT 7137

(α, p) Levels
0 Kelvin Cross Sections

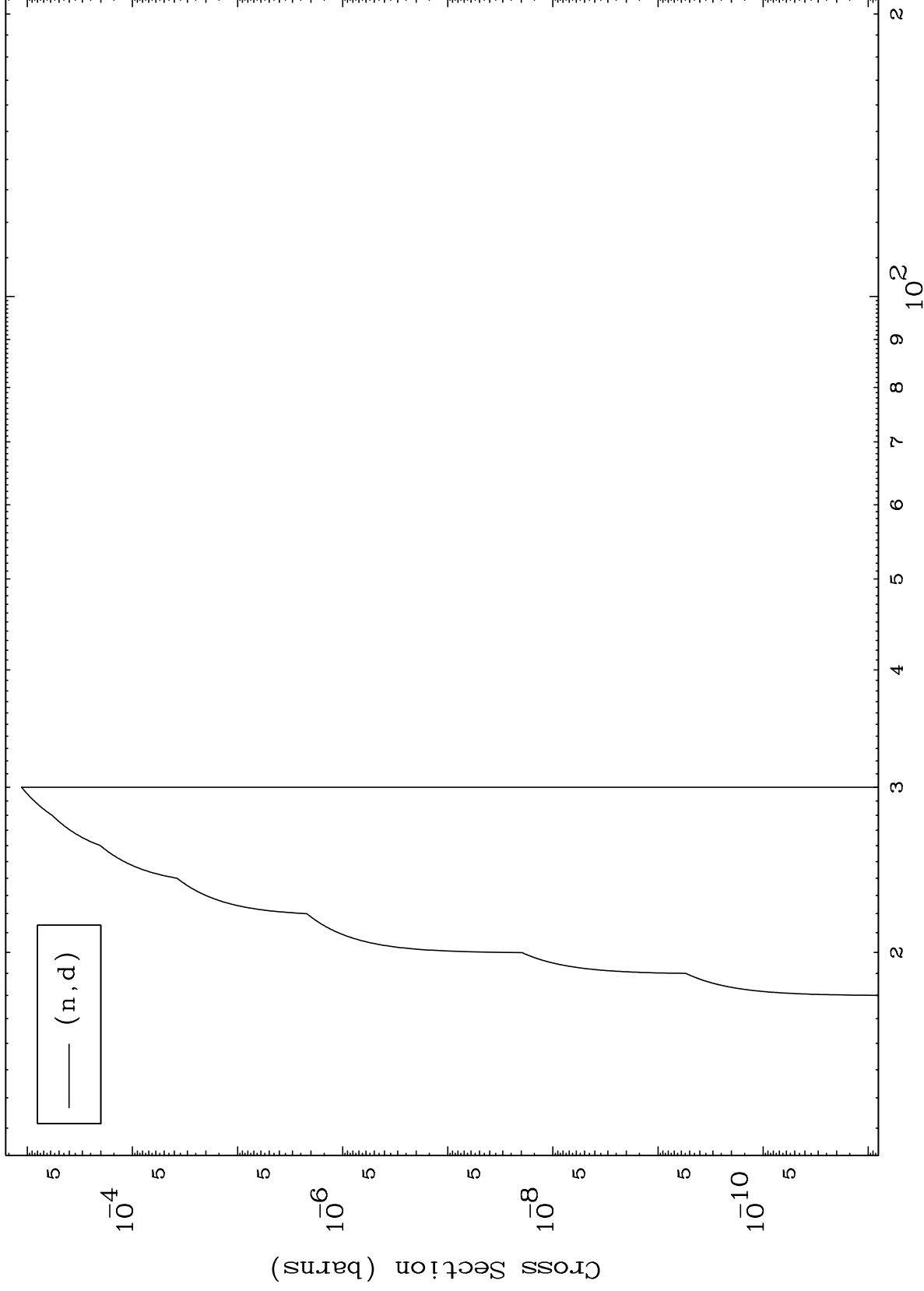
71-Lu-179

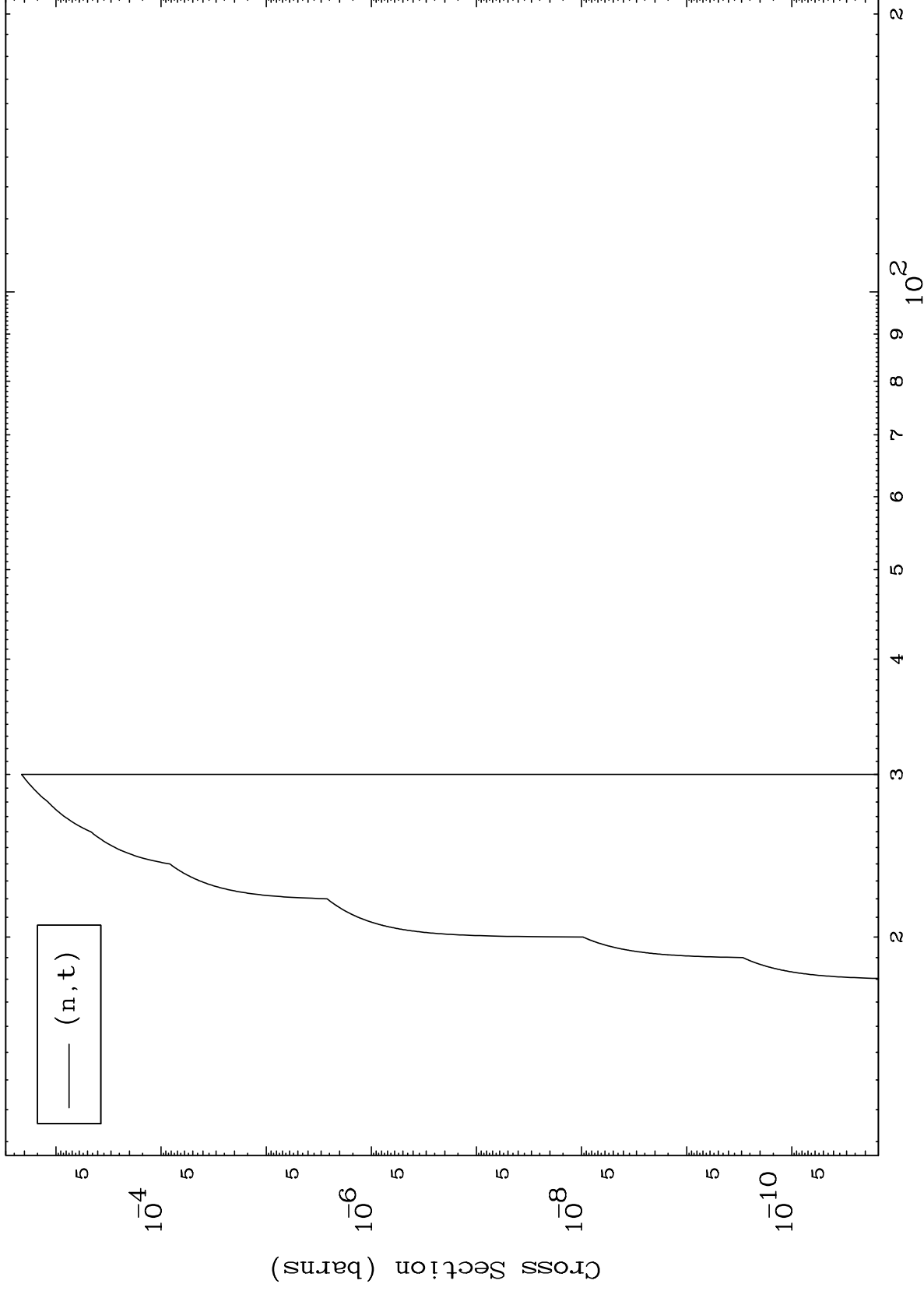


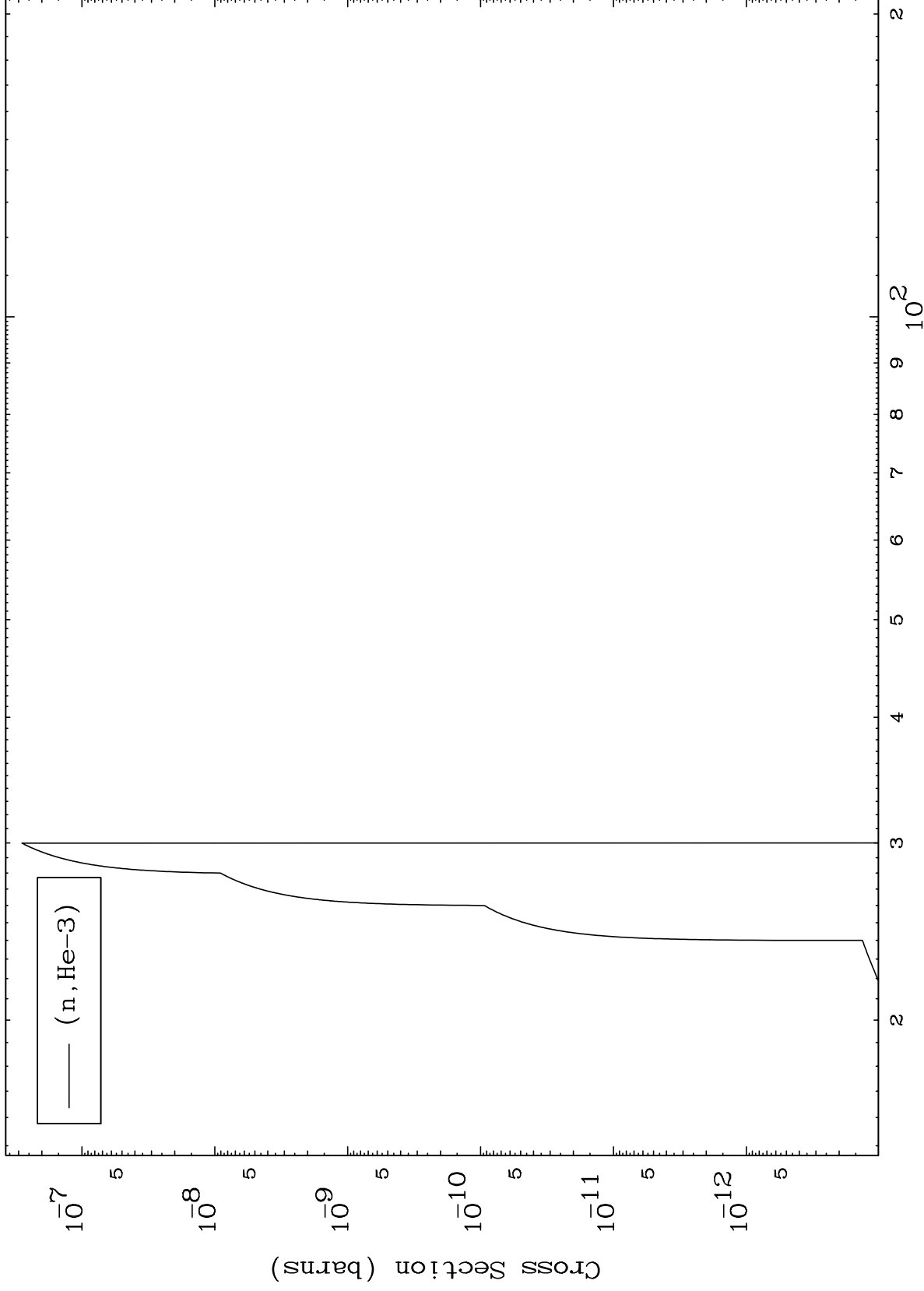
5

Incident Energy (MeV)

71-Lu-179





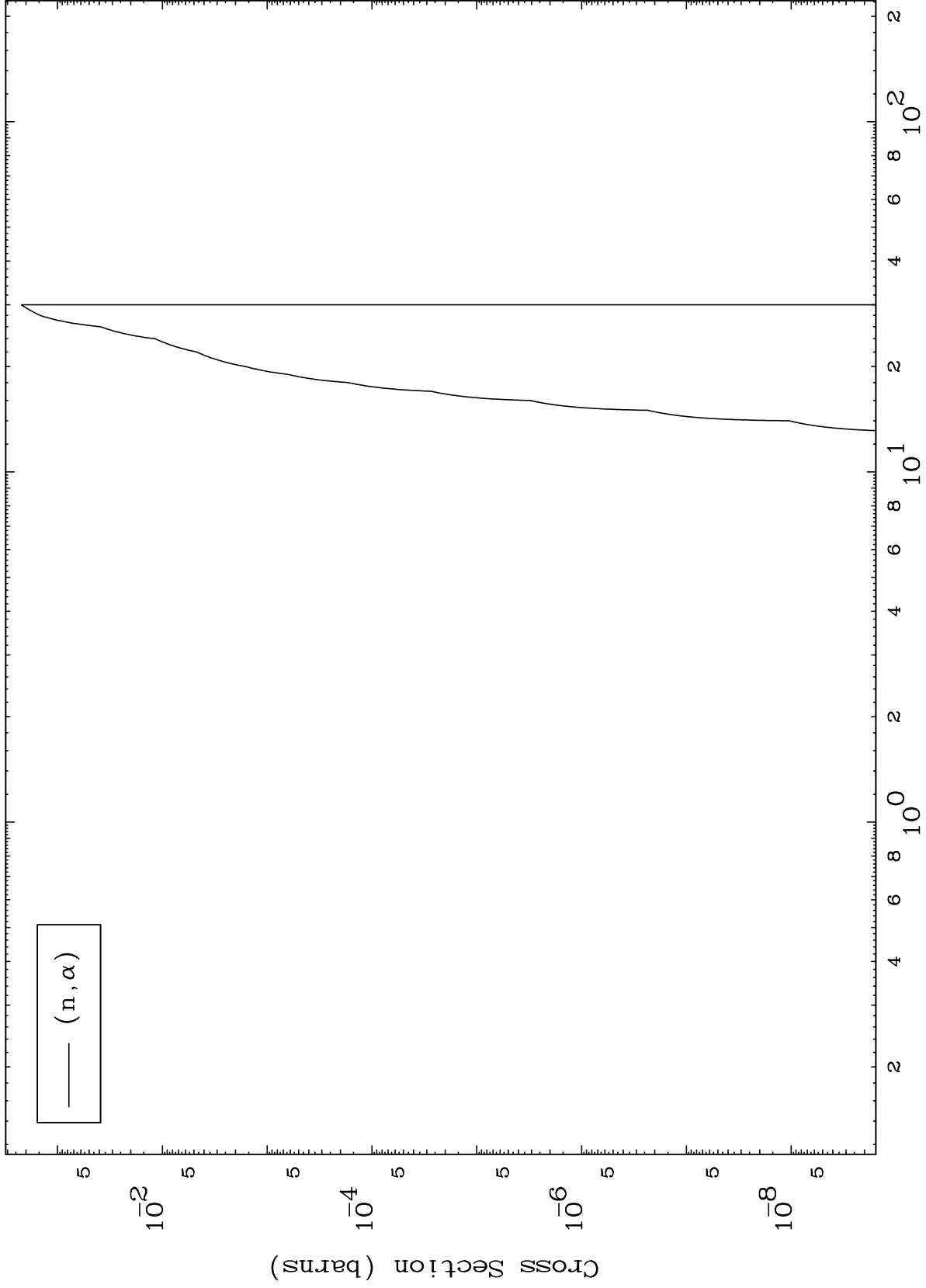


MAT 7137

(α, α) Levels

71-Lu-179

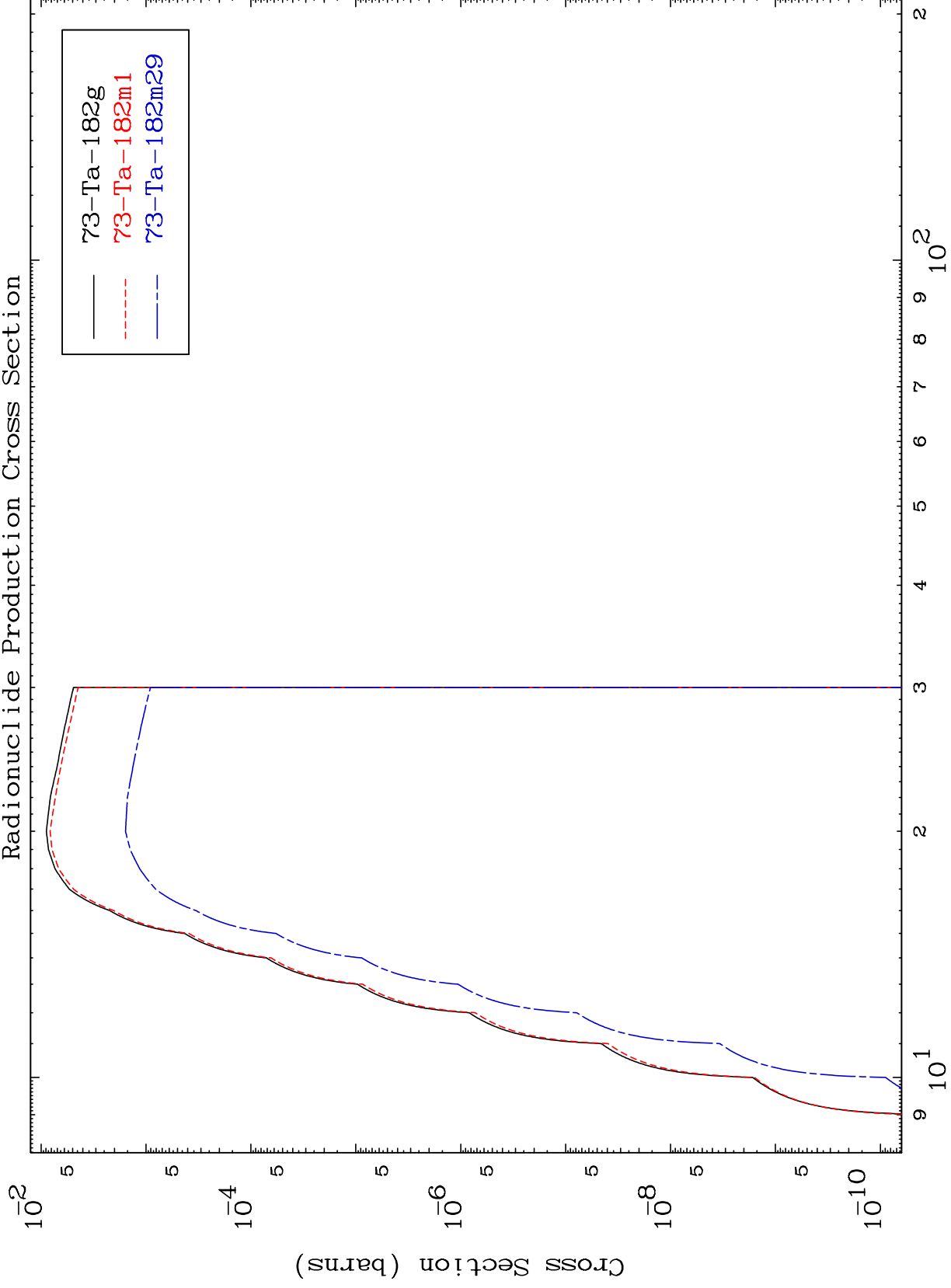
0 Kelvin Cross Sections



MAT 7137

71-Lu-179

Inelastic
Radionuclide Production Cross Section



71-Lu-179

Incident Energy (MeV)

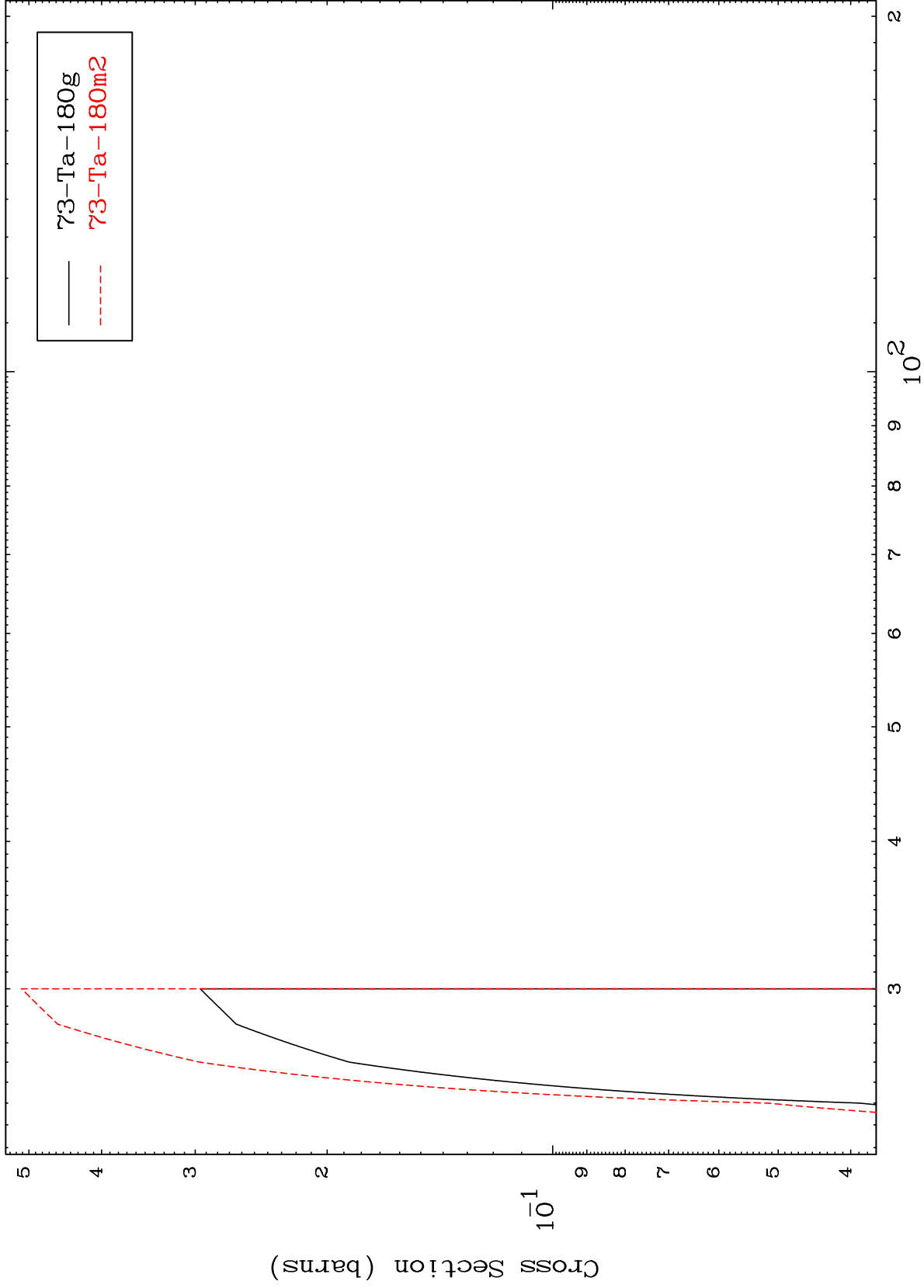
10

MAT 7137

(n,3n)

71-Lu-179

Radionuclide Production Cross Section



11

Incident Energy (MeV)

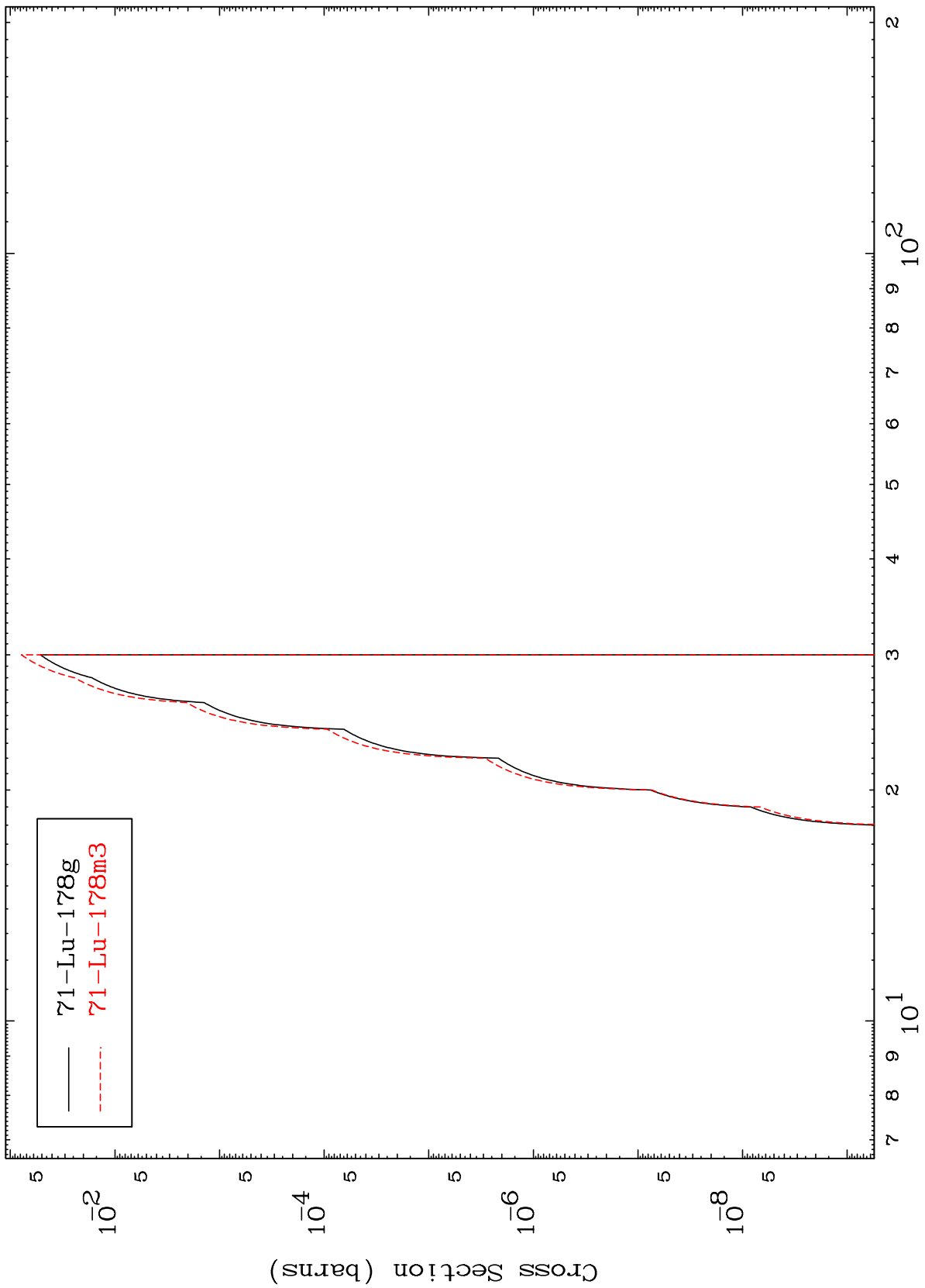
71-Lu-179

MAT 7137

$(n, n') \alpha$

$^{71}\text{Lu-179}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

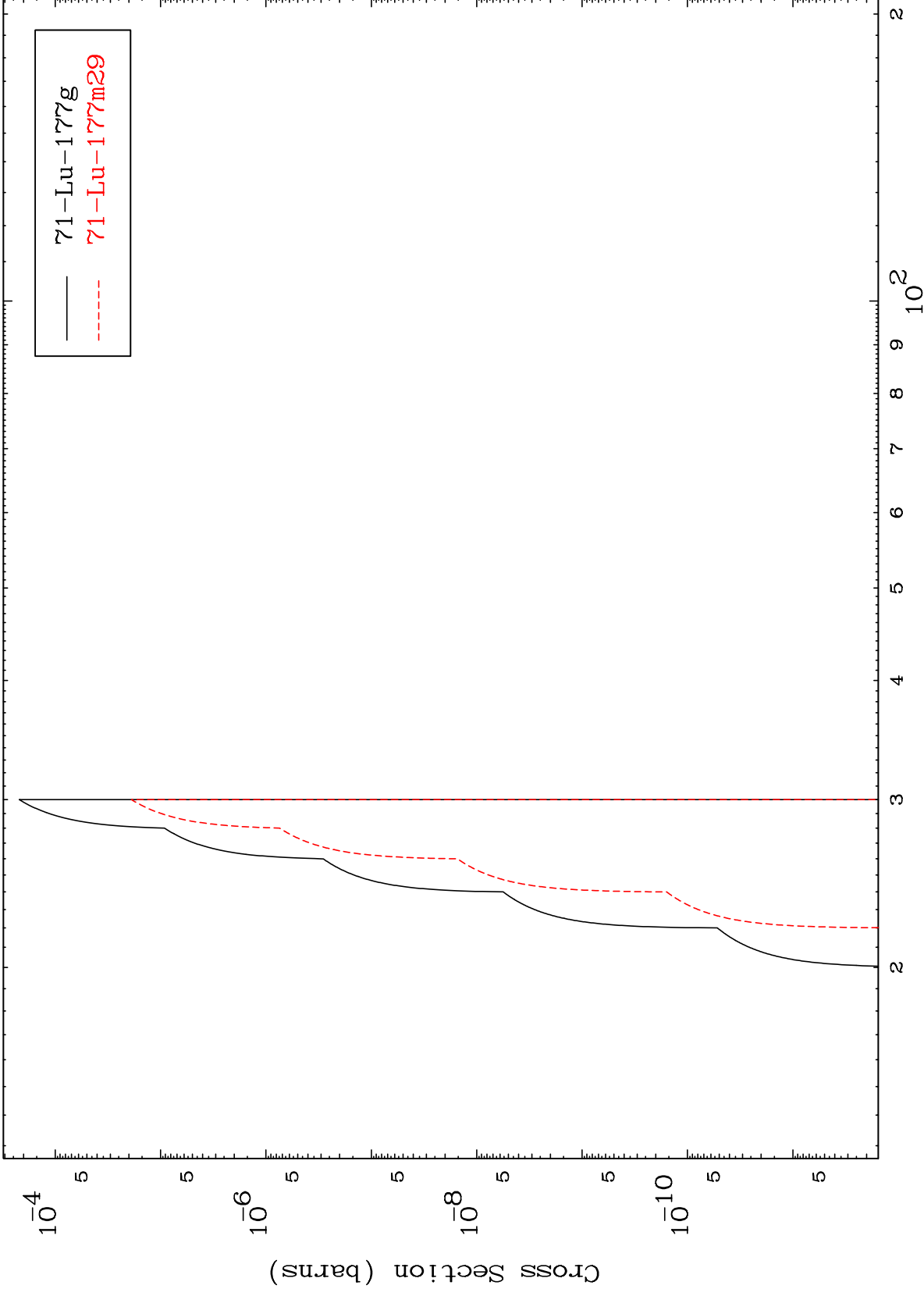
$^{71}\text{Lu-179}$

MAT 7137

(n,2n) α

71-Lu-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

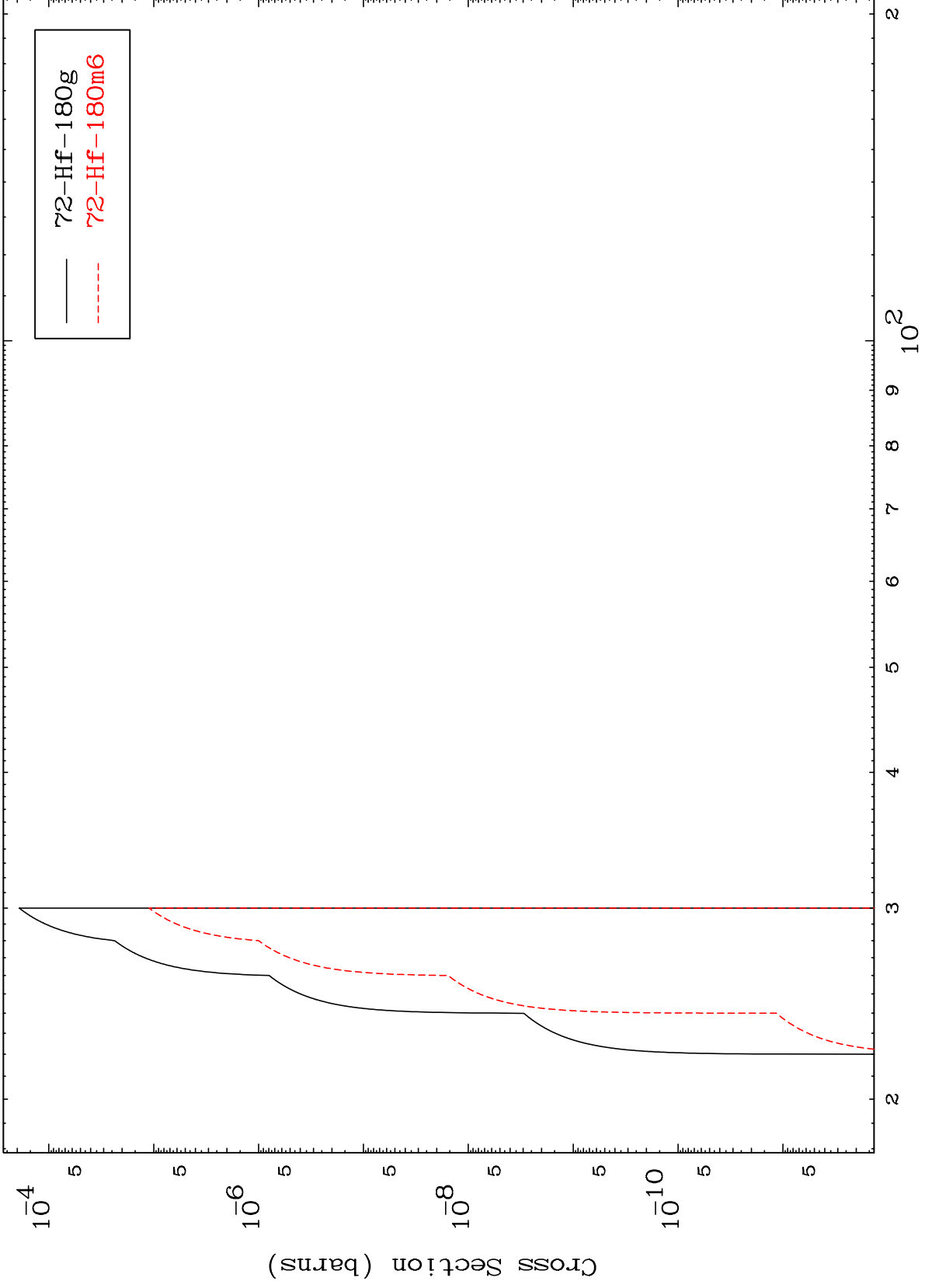
71-Lu-179

MAT 7137

(n,n') d

71-Lu-179

Radionuclide Production Cross Section



14

Incident Energy (MeV)

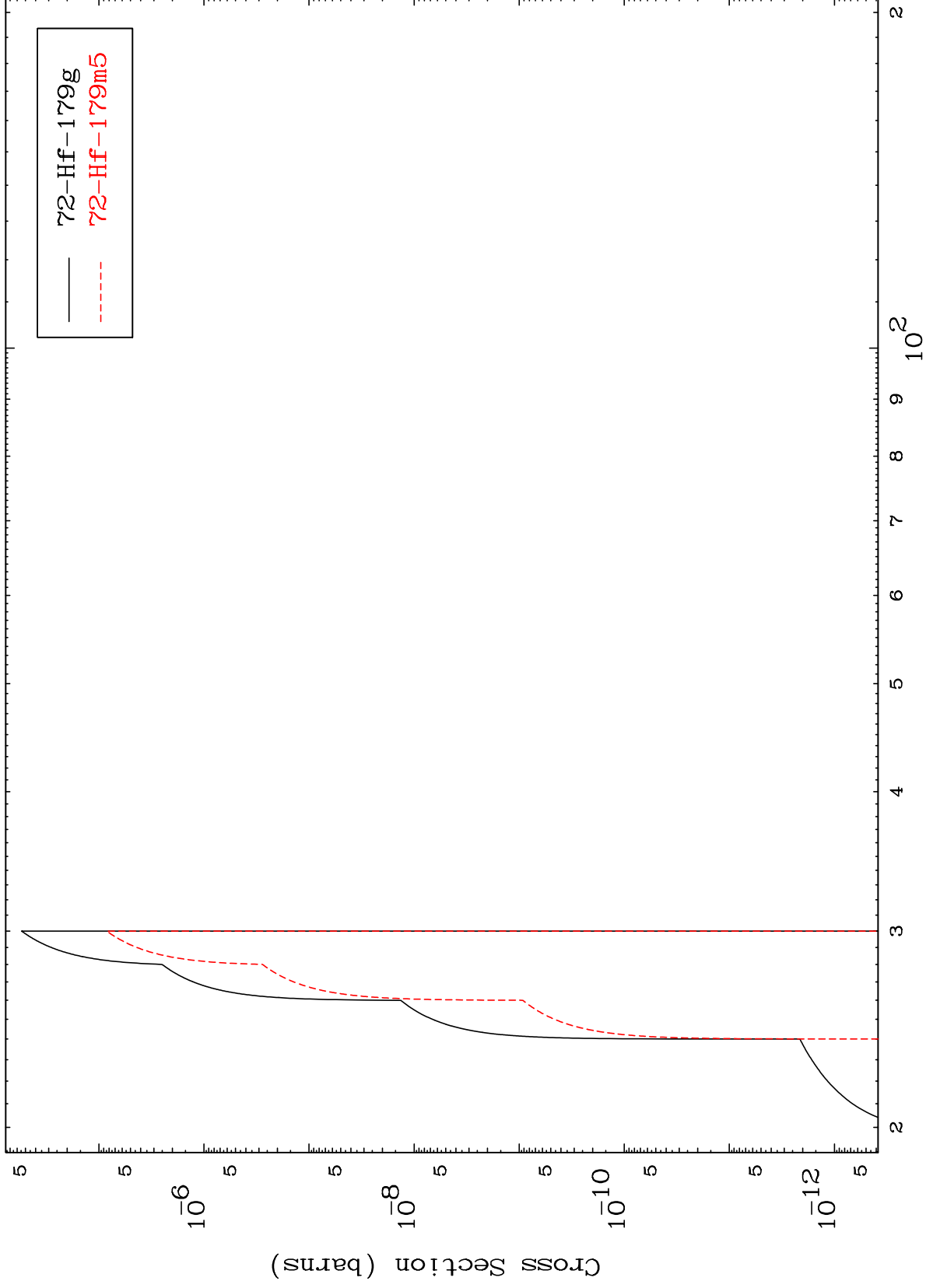
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section

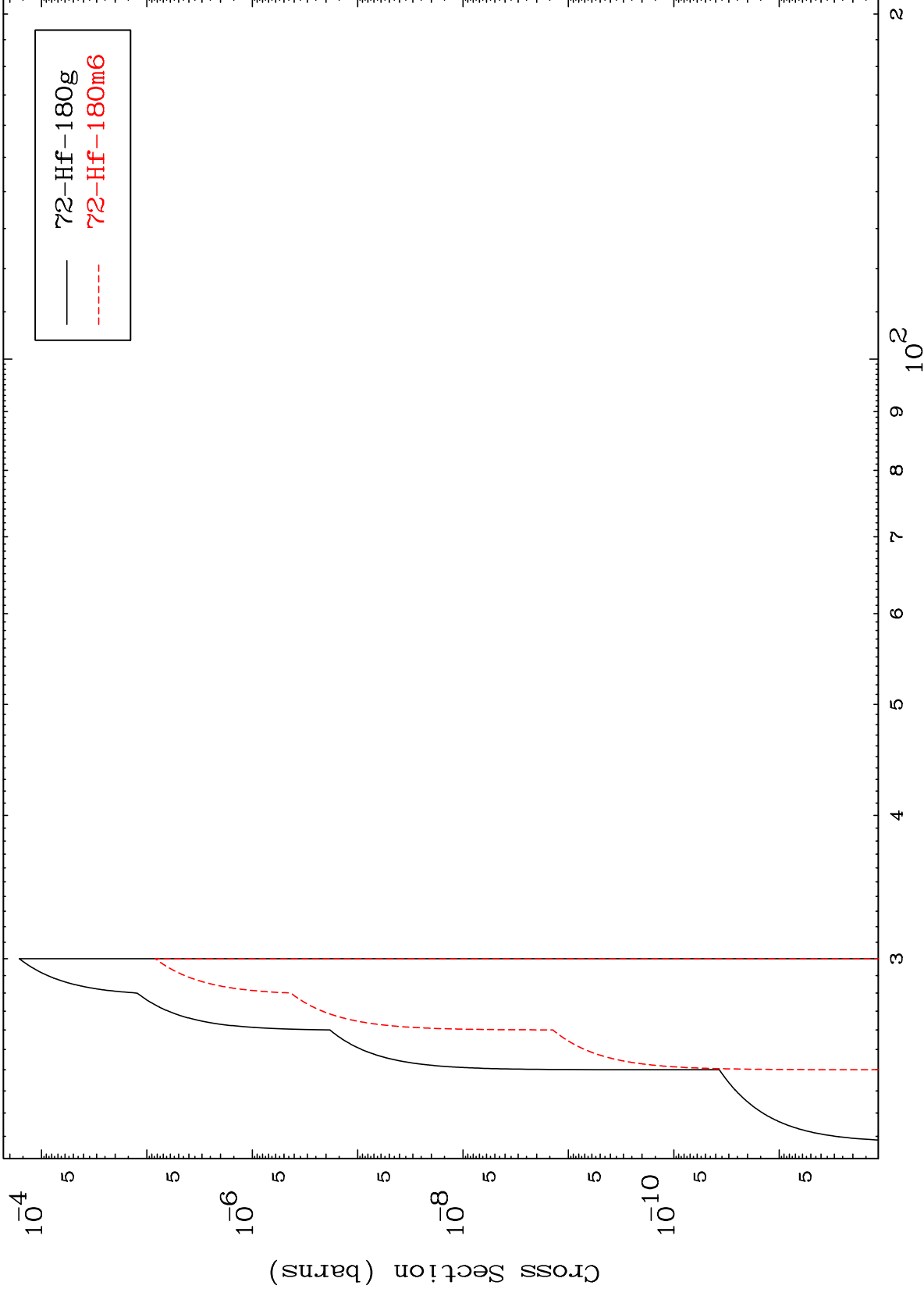


15

Incident Energy (MeV)

71-Lu-179

Radionuclide Production Cross Section

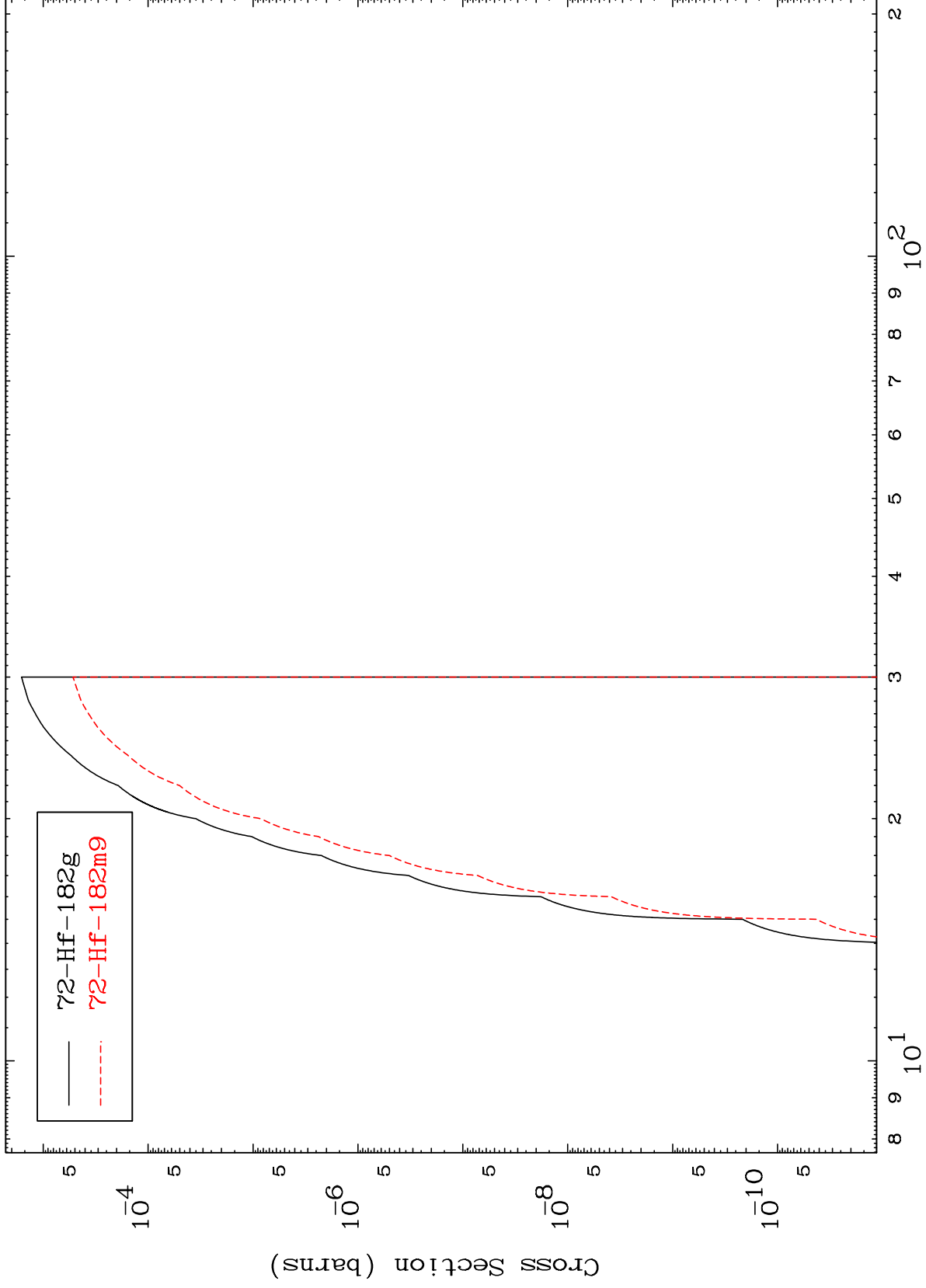


72-Hf-180g
72-Hf-180m6

MAT 7137

71-Lu-179

(n,p)
Radionuclide Production Cross Section



71-Lu-179

Incident Energy (MeV)

17

(n, t)
Radionuclide Production Cross Section

