

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

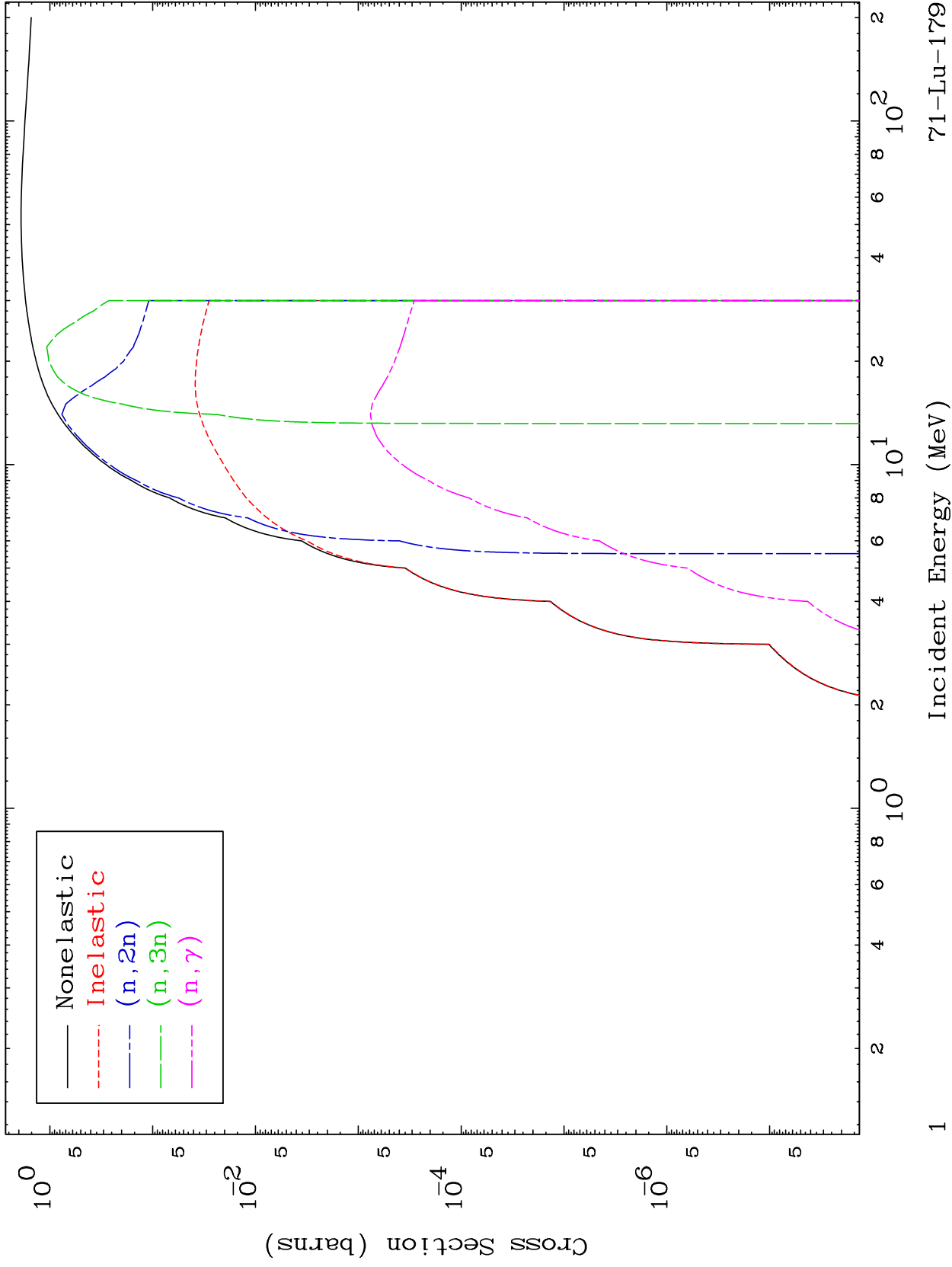
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

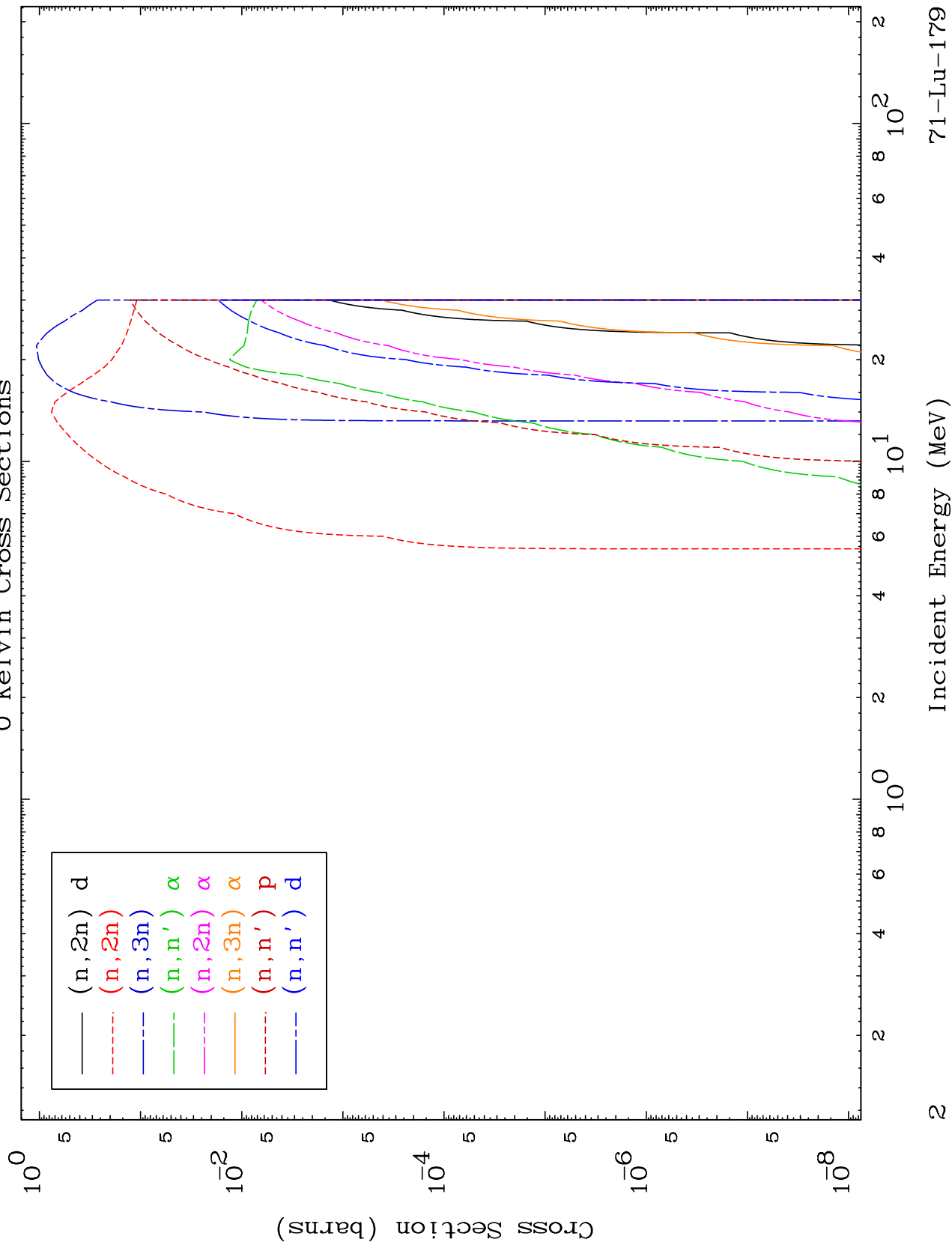
Tele: 925-443-1911

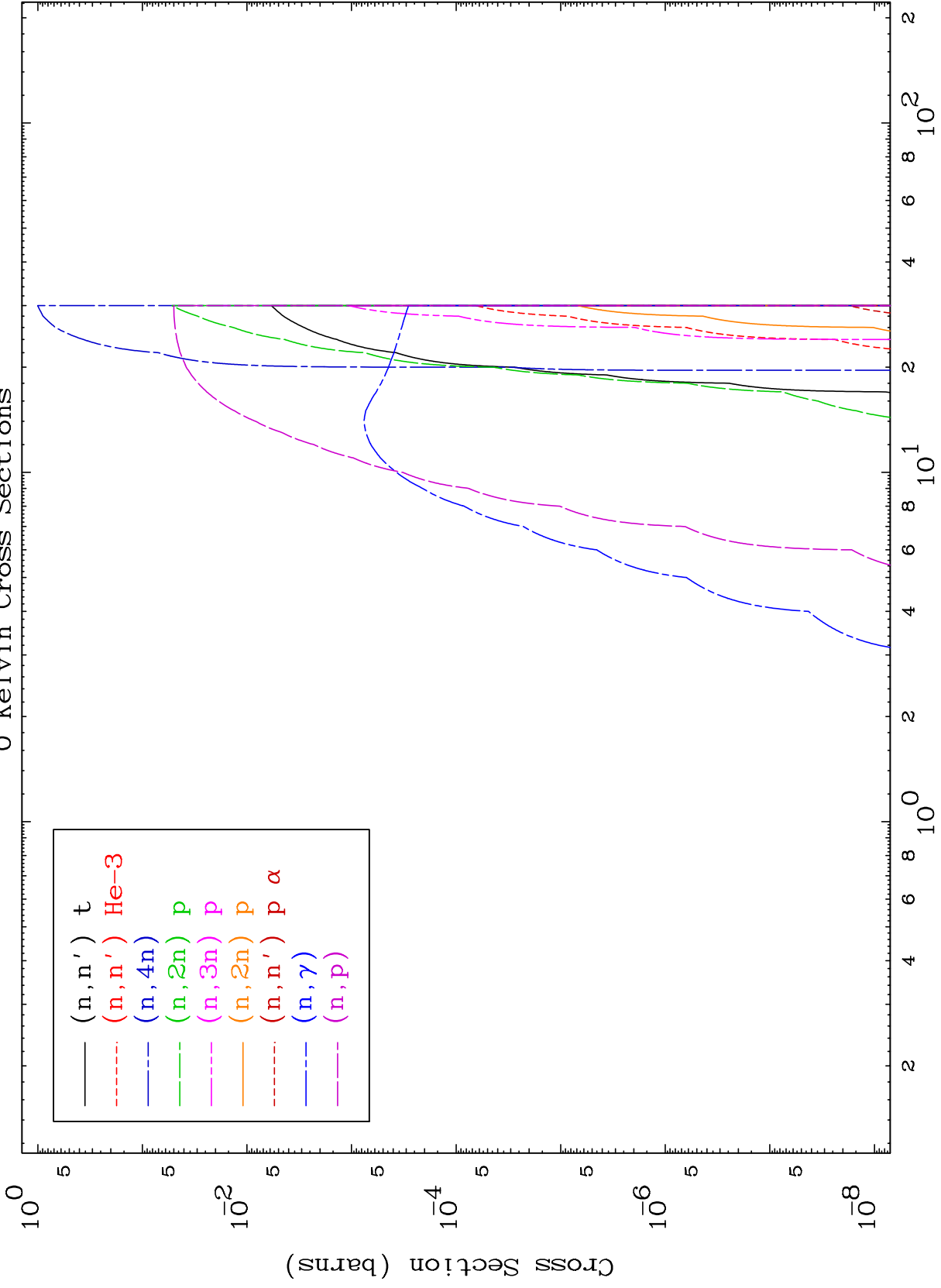
E.Mail:redcullen1@comcast.net

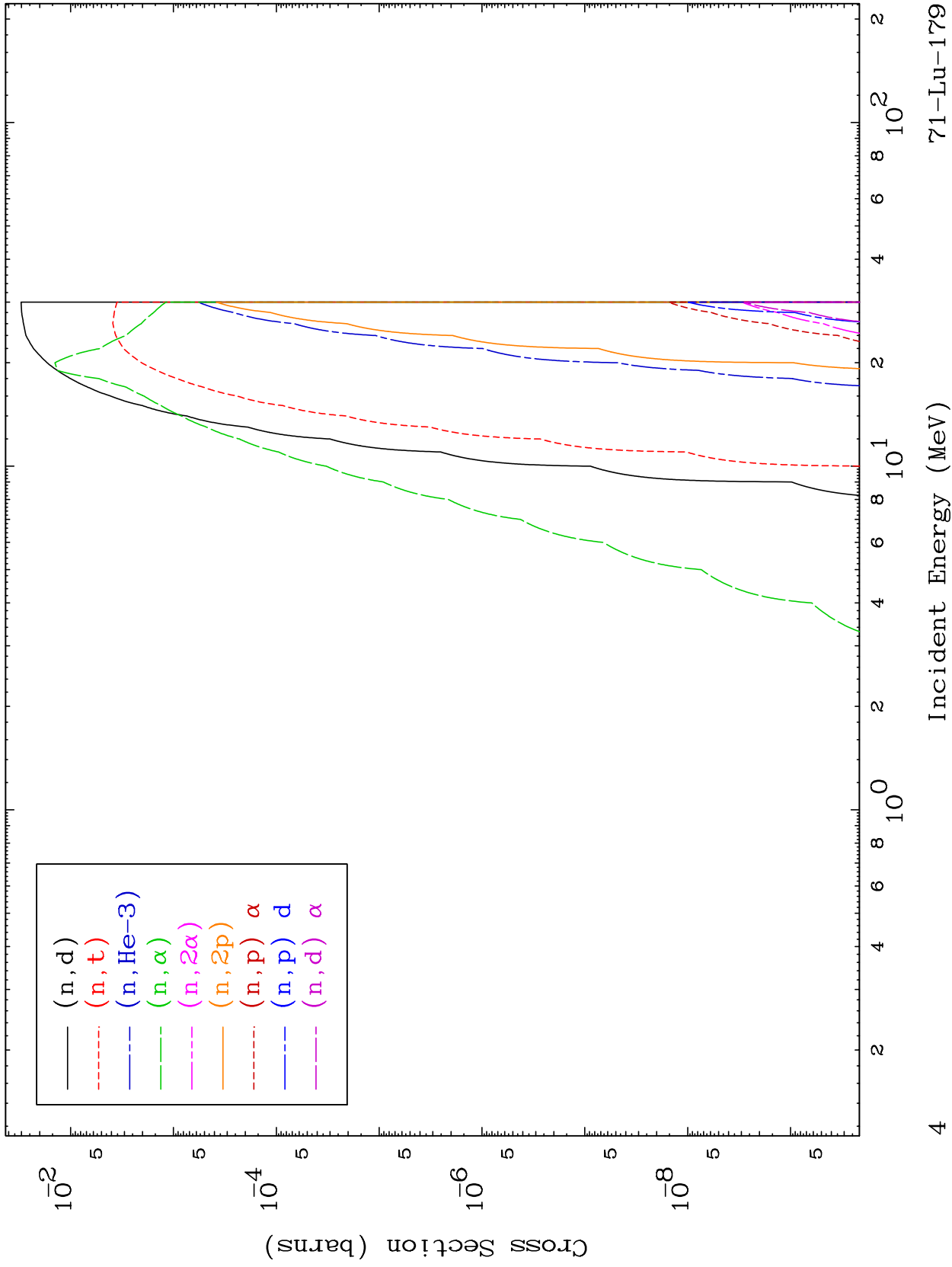
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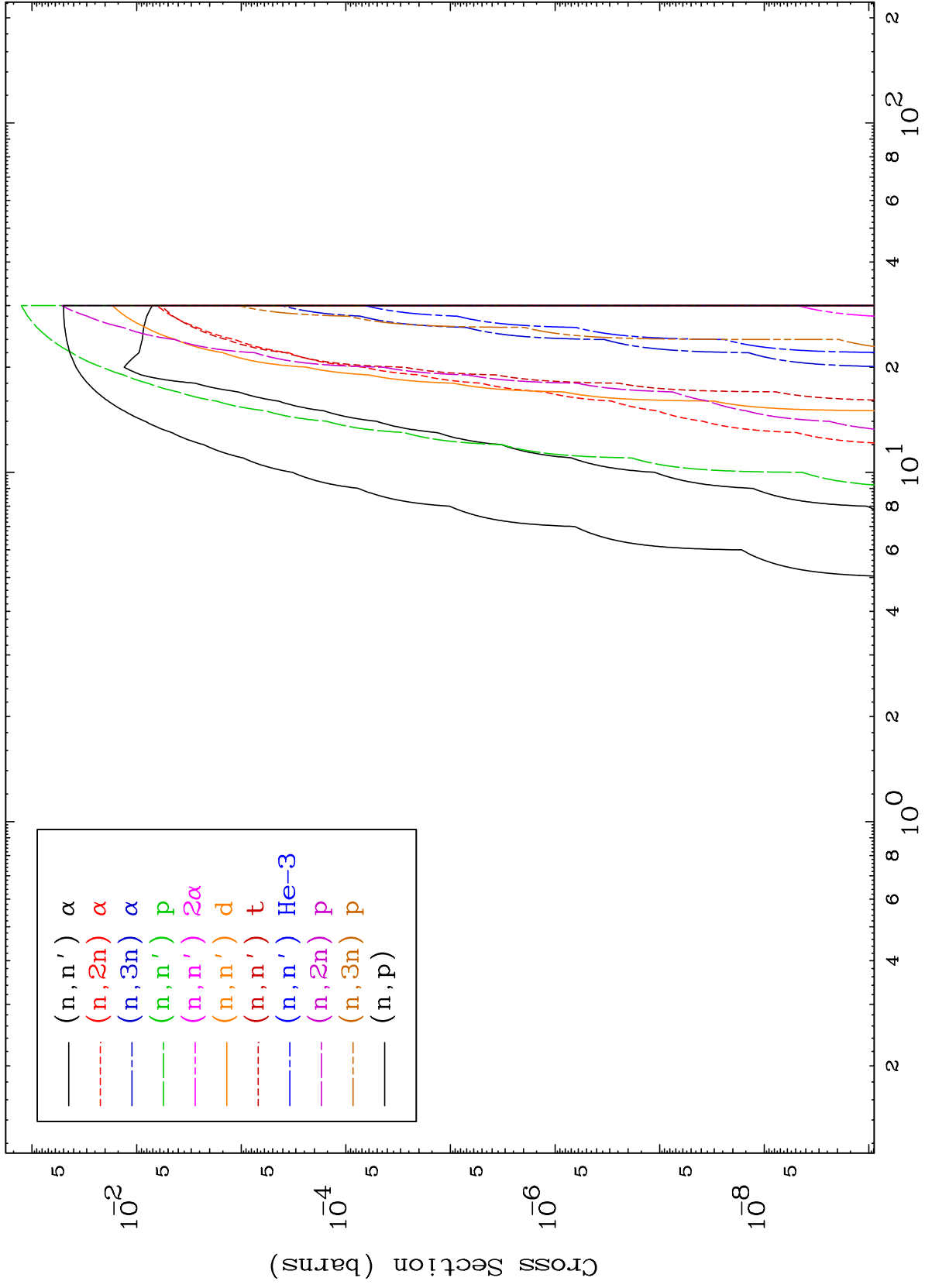
Press Mouse Button to Start

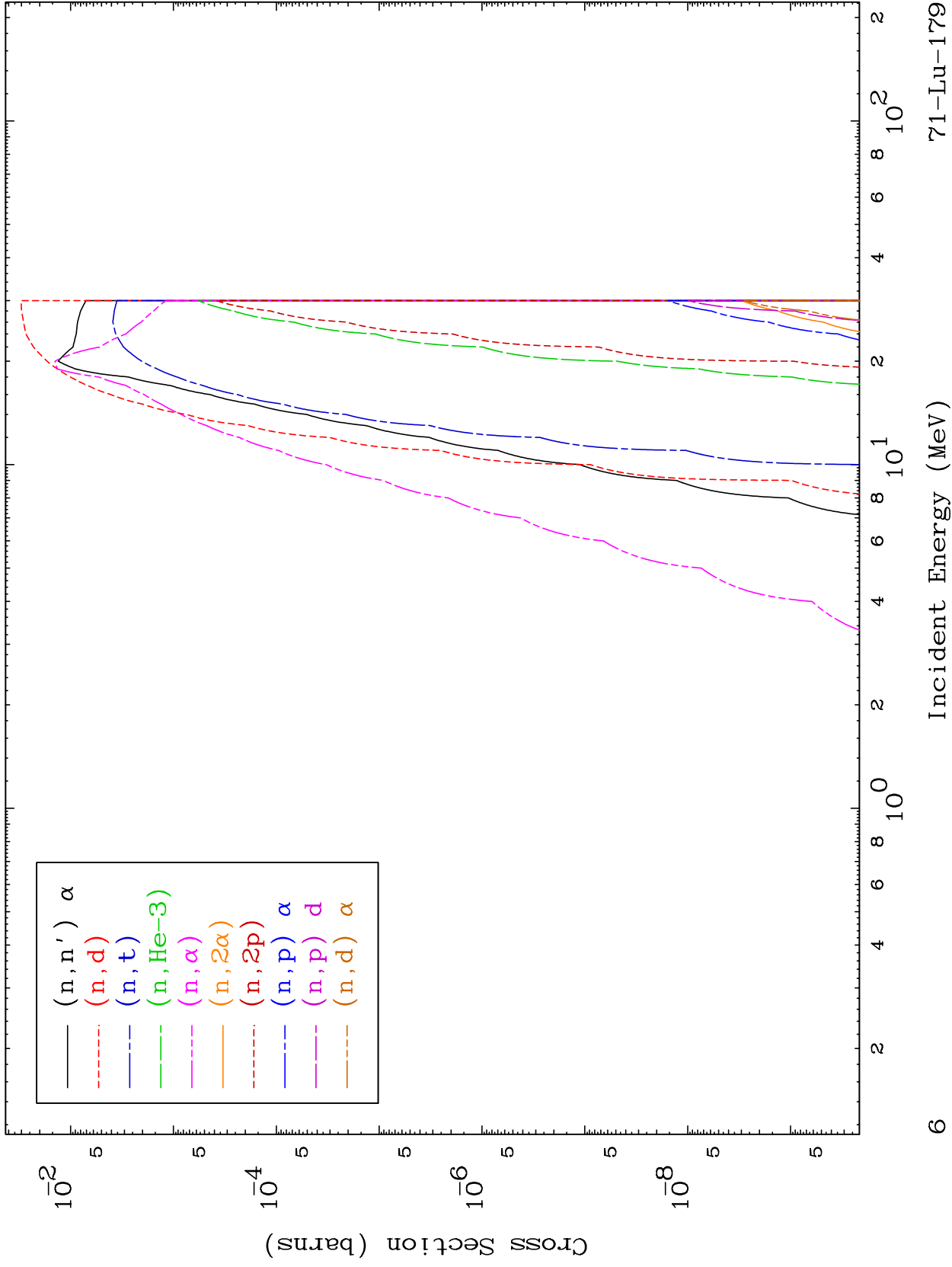










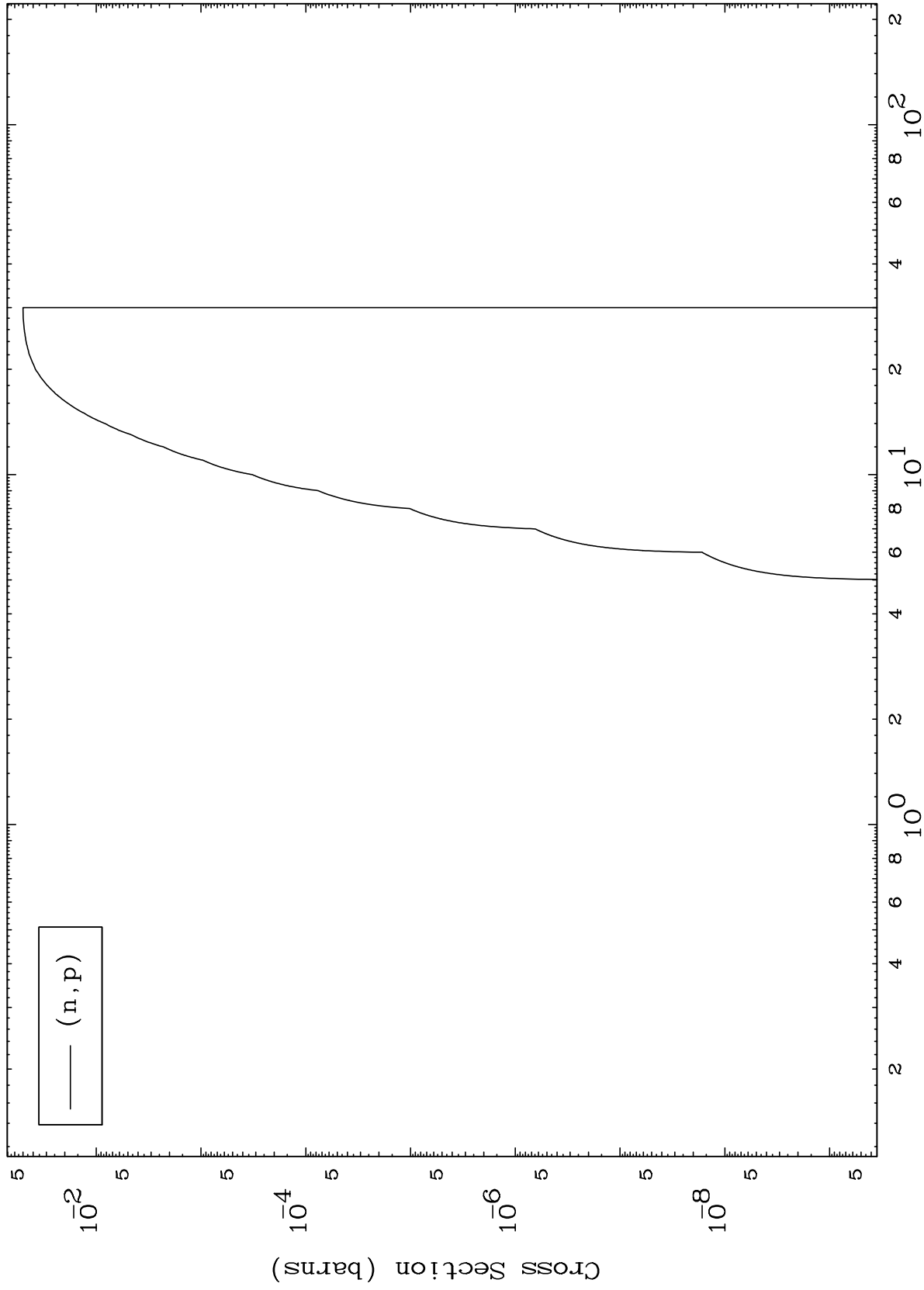


MAT 7137

(p,p) Levels

71-Lu-179

0 Kelvin Cross Sections



7

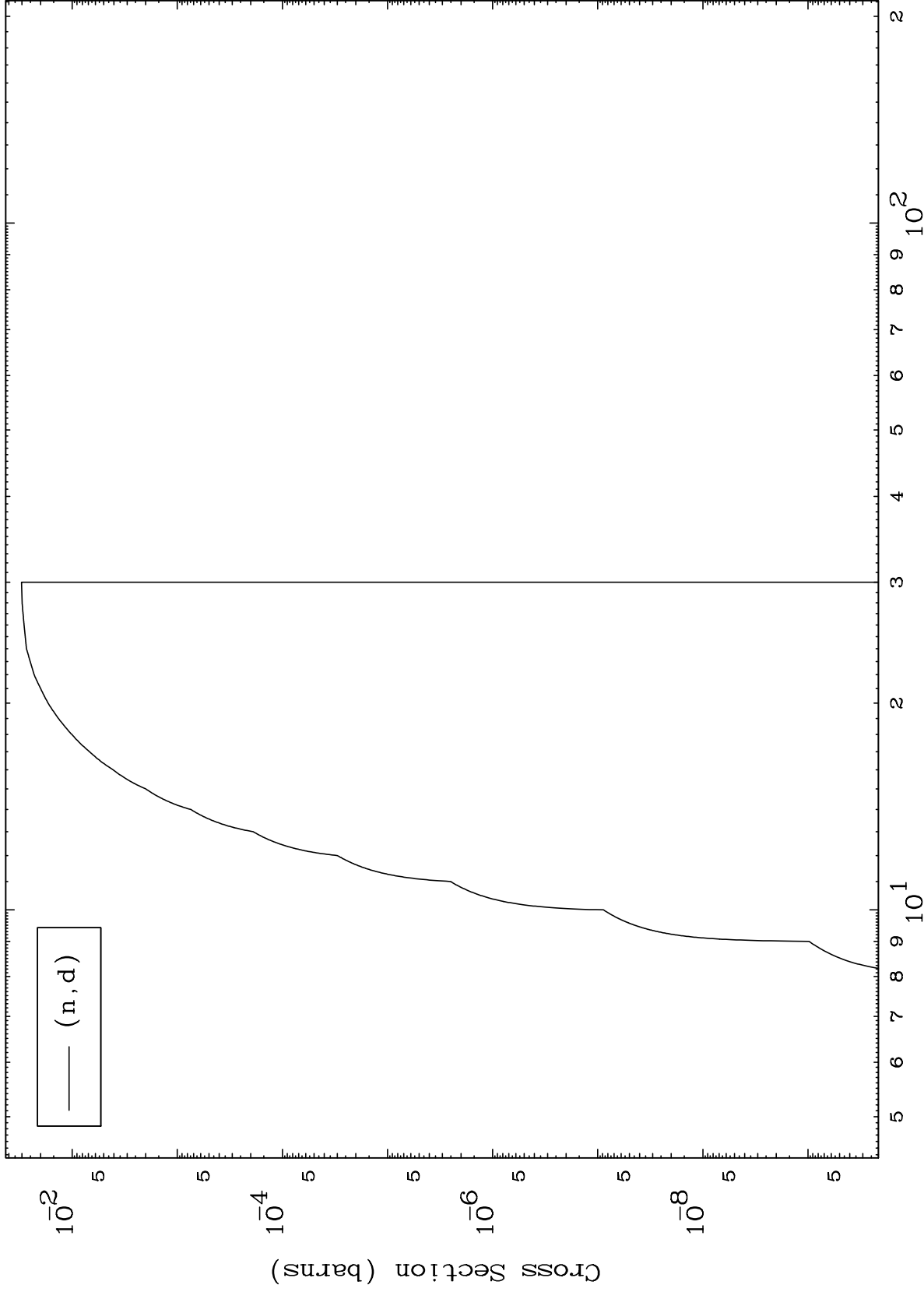
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-179



8

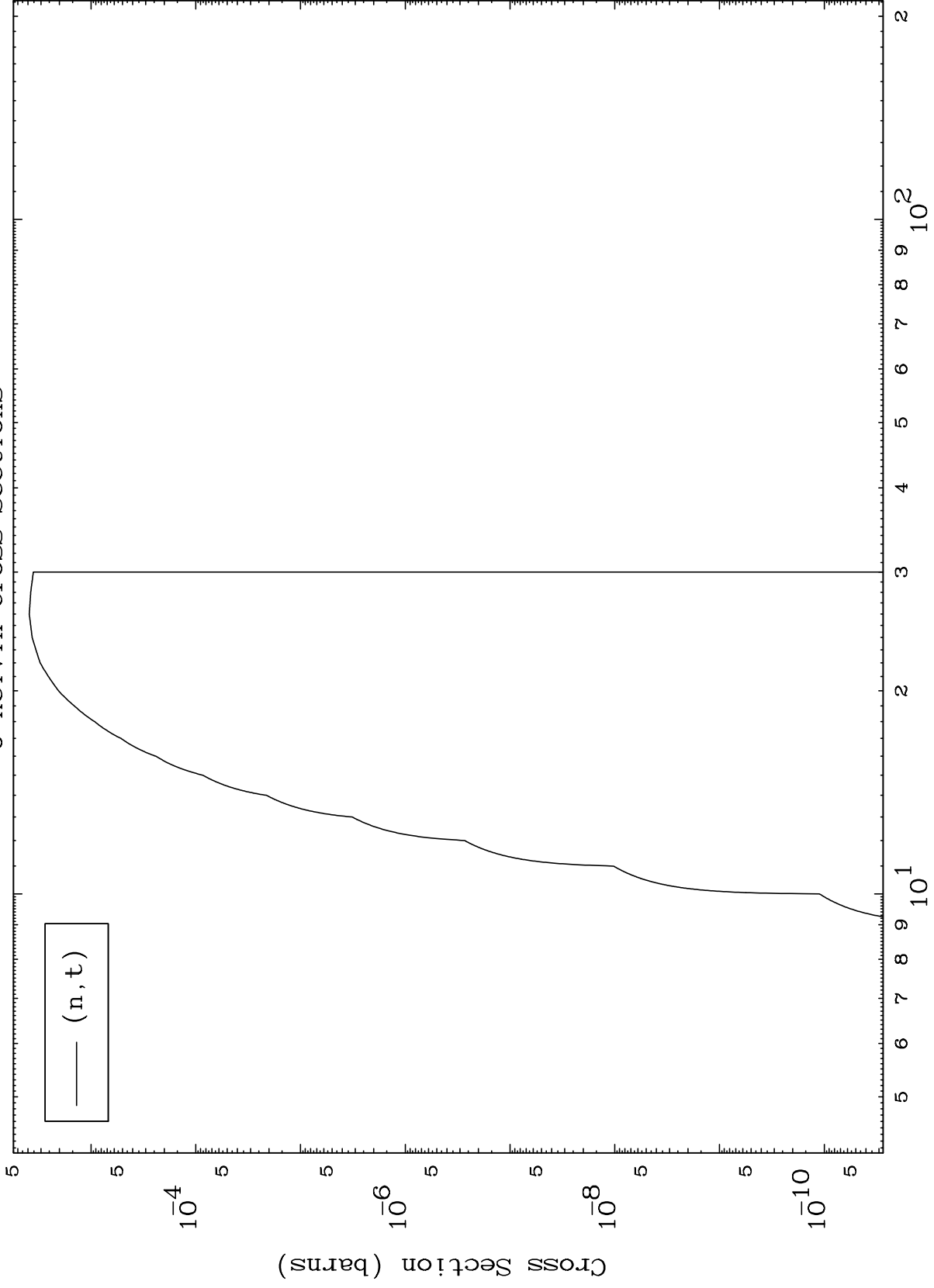
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(p,t) Levels
0 Kelvin Cross Sections



9

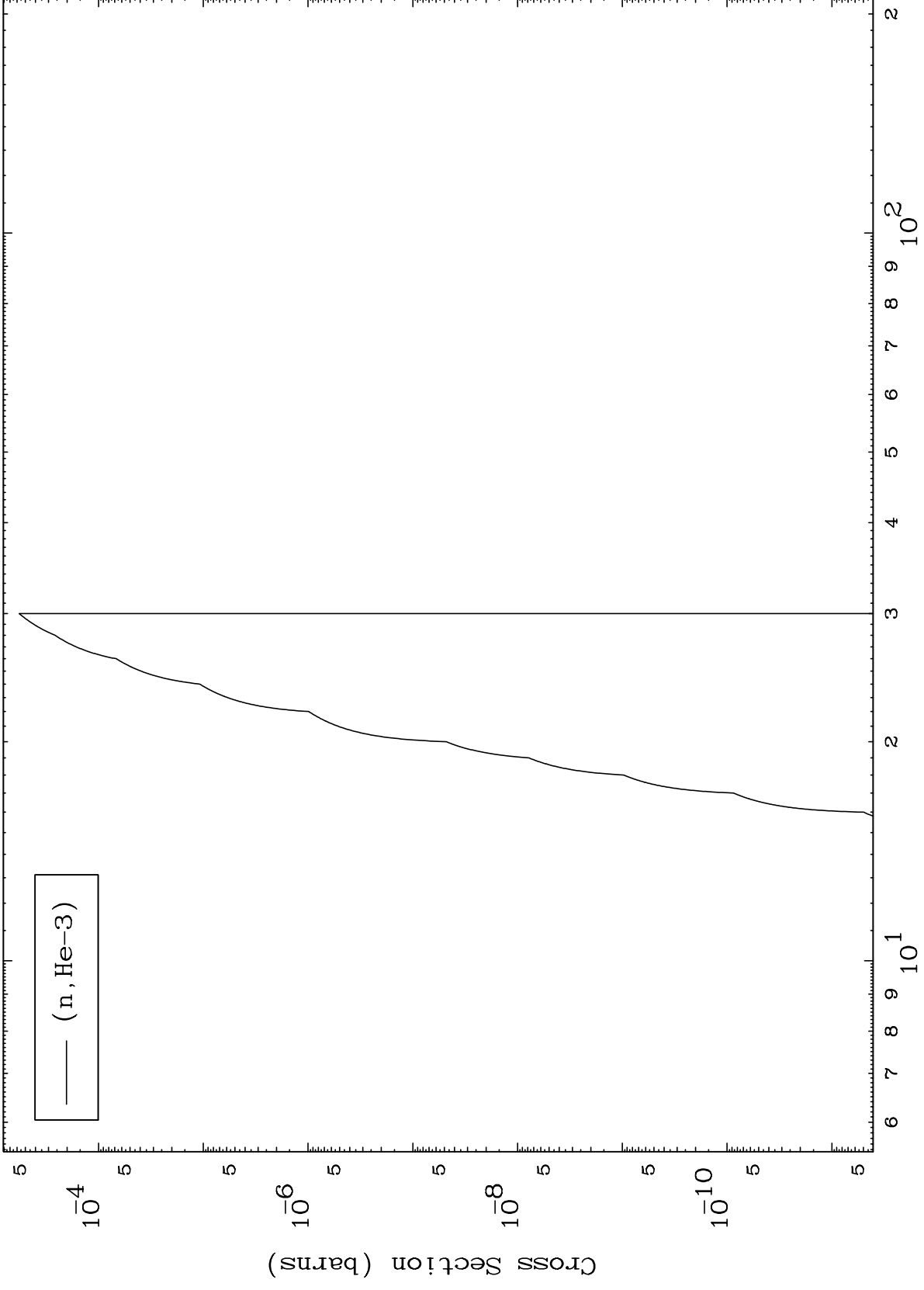
Incident Energy (MeV)

71-Lu-179

MAT 7137

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-179



10

Incident Energy (MeV)

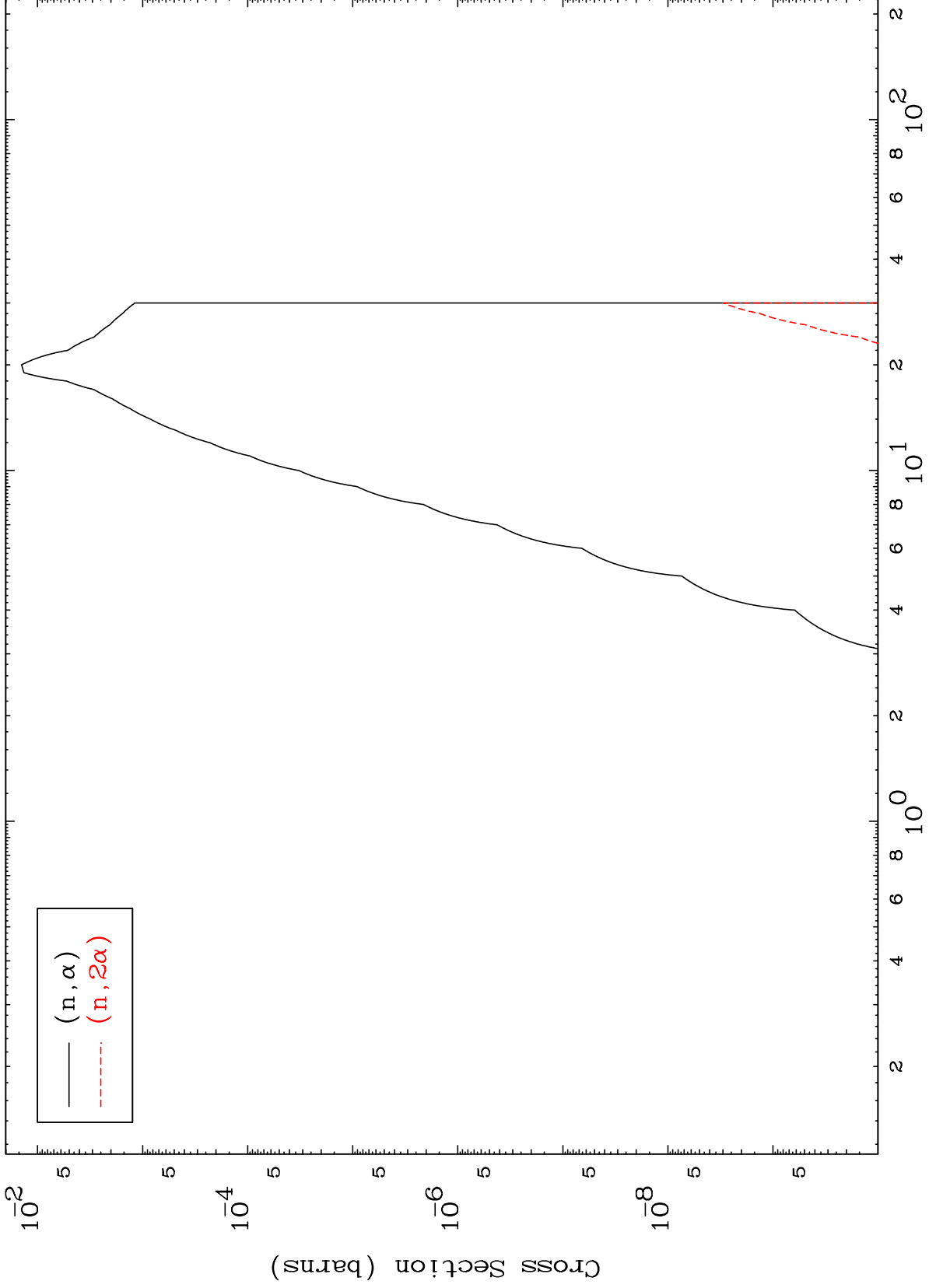
71-Lu-179

MAT 7137

(p, α) Levels

71-Lu-179

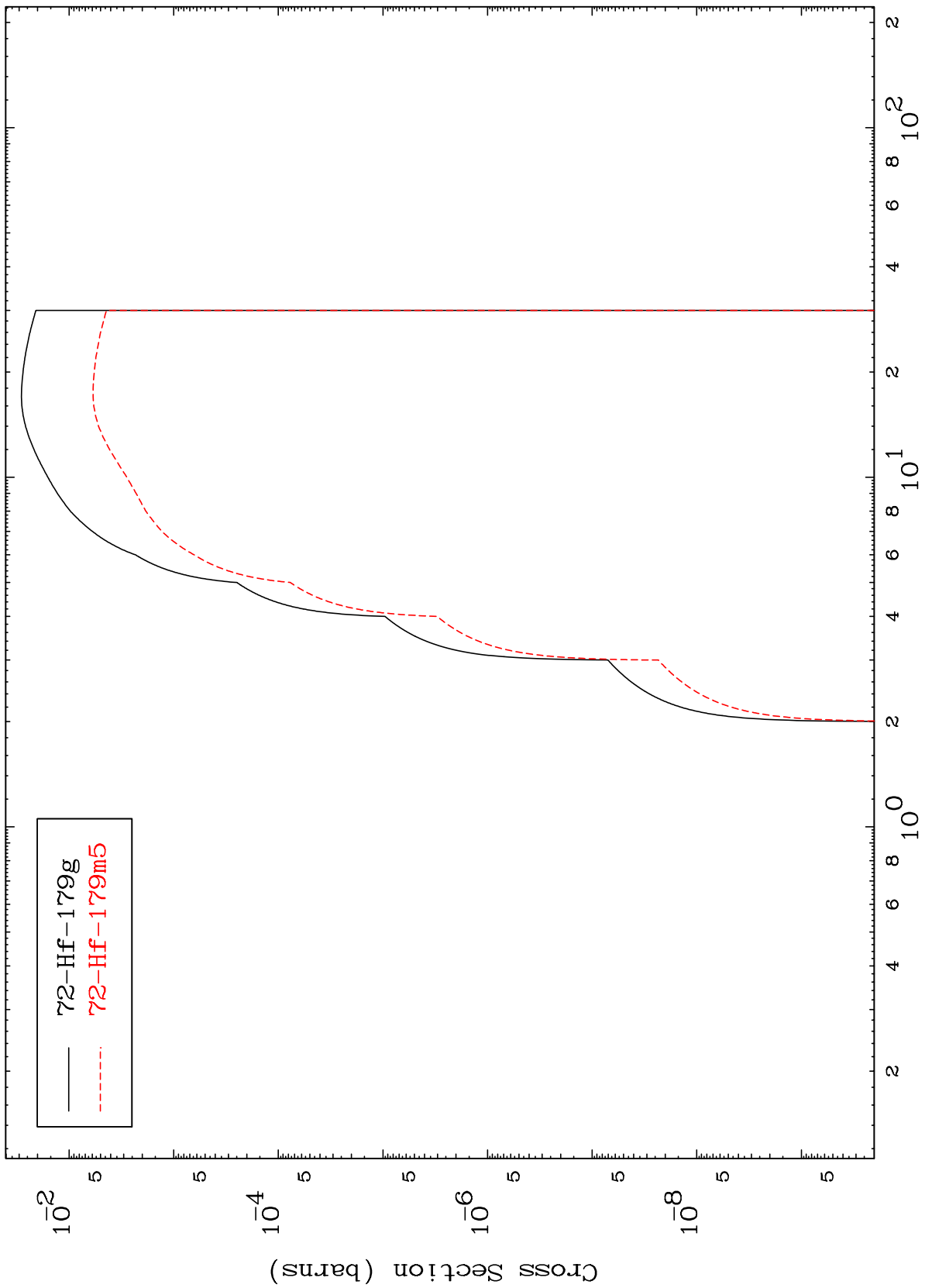
0 Kelvin Cross Sections



MAT 7137

71-Lu-179

Inelastic
Radionuclide Production Cross Section



— $^{72}\text{Hf-179g}$
- - - $^{72}\text{Hf-179m5}$

71-Lu-179

Incident Energy (MeV)

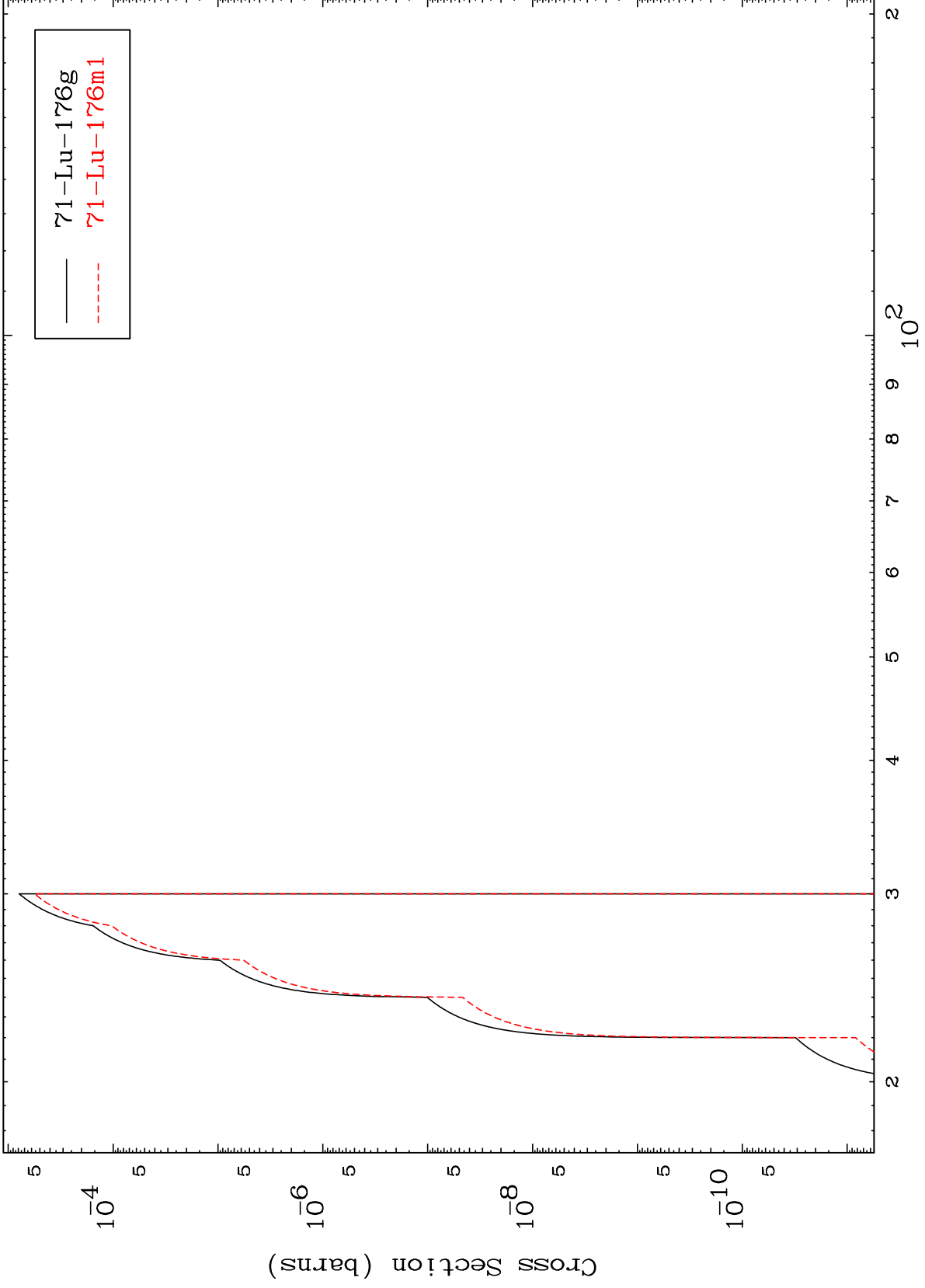
12

MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

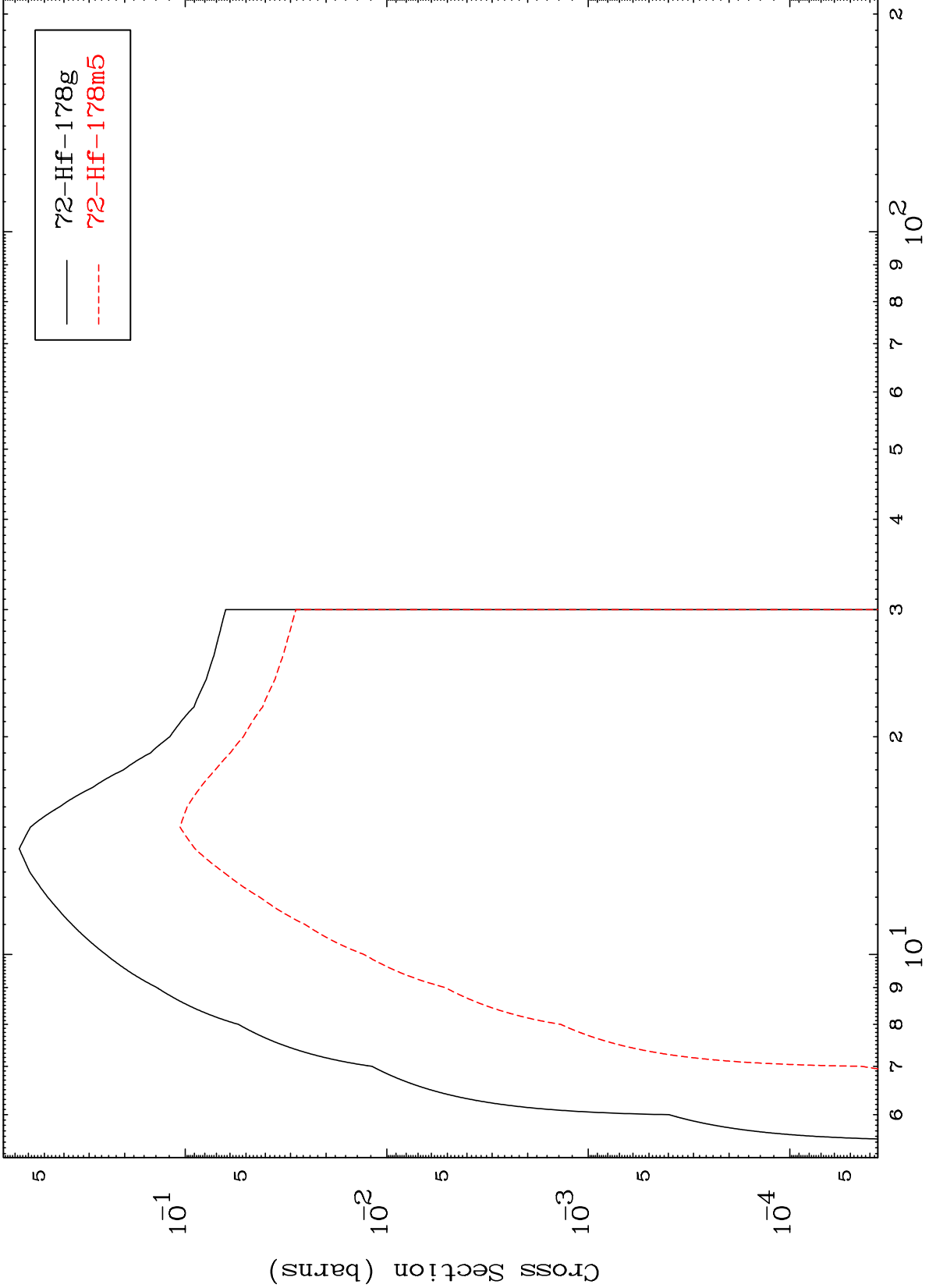
71-Lu-179

MAT 7137

(n,2n)

71-Lu-179

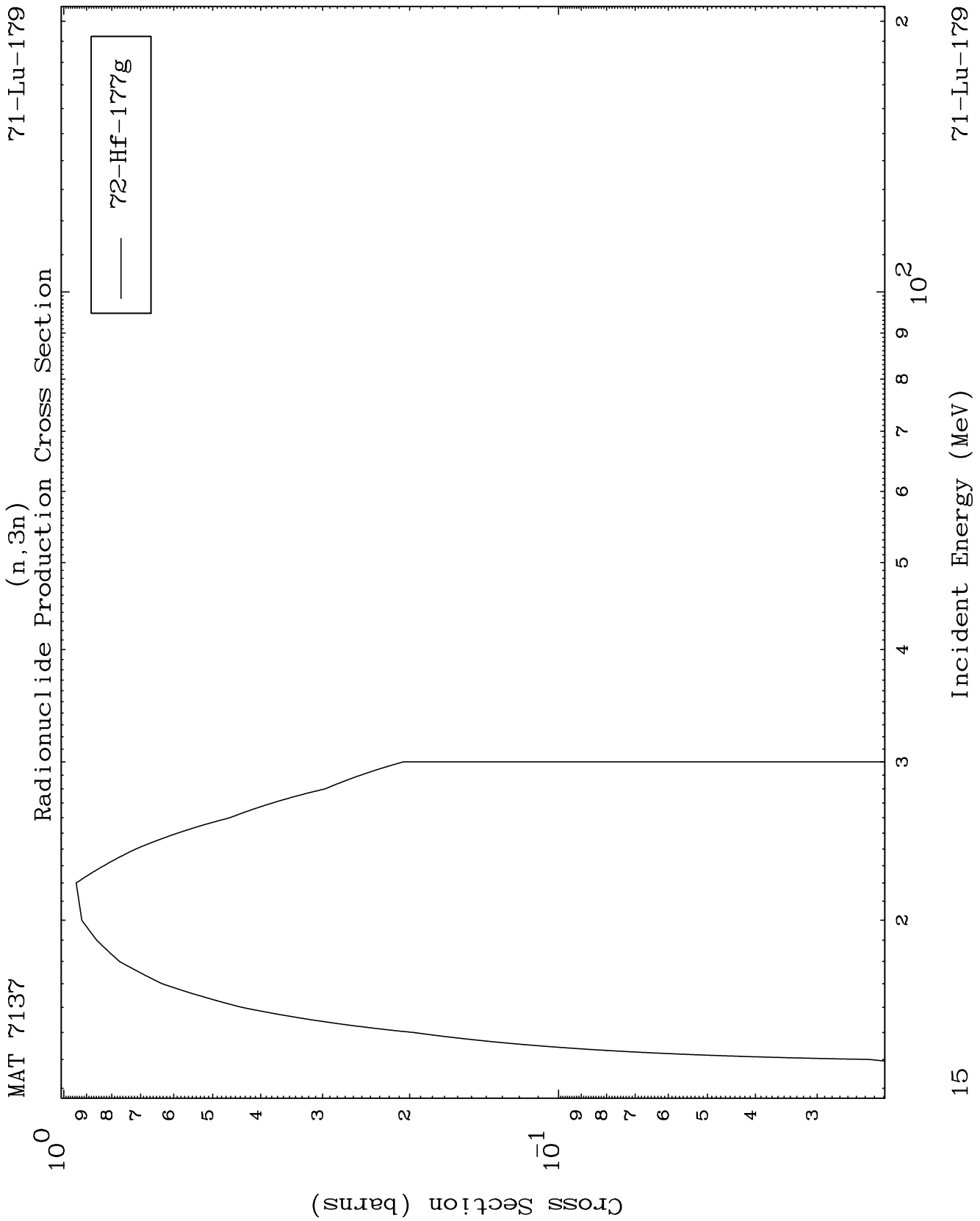
Radionuclide Production Cross Section



14

Incident Energy (MeV)

71-Lu-179

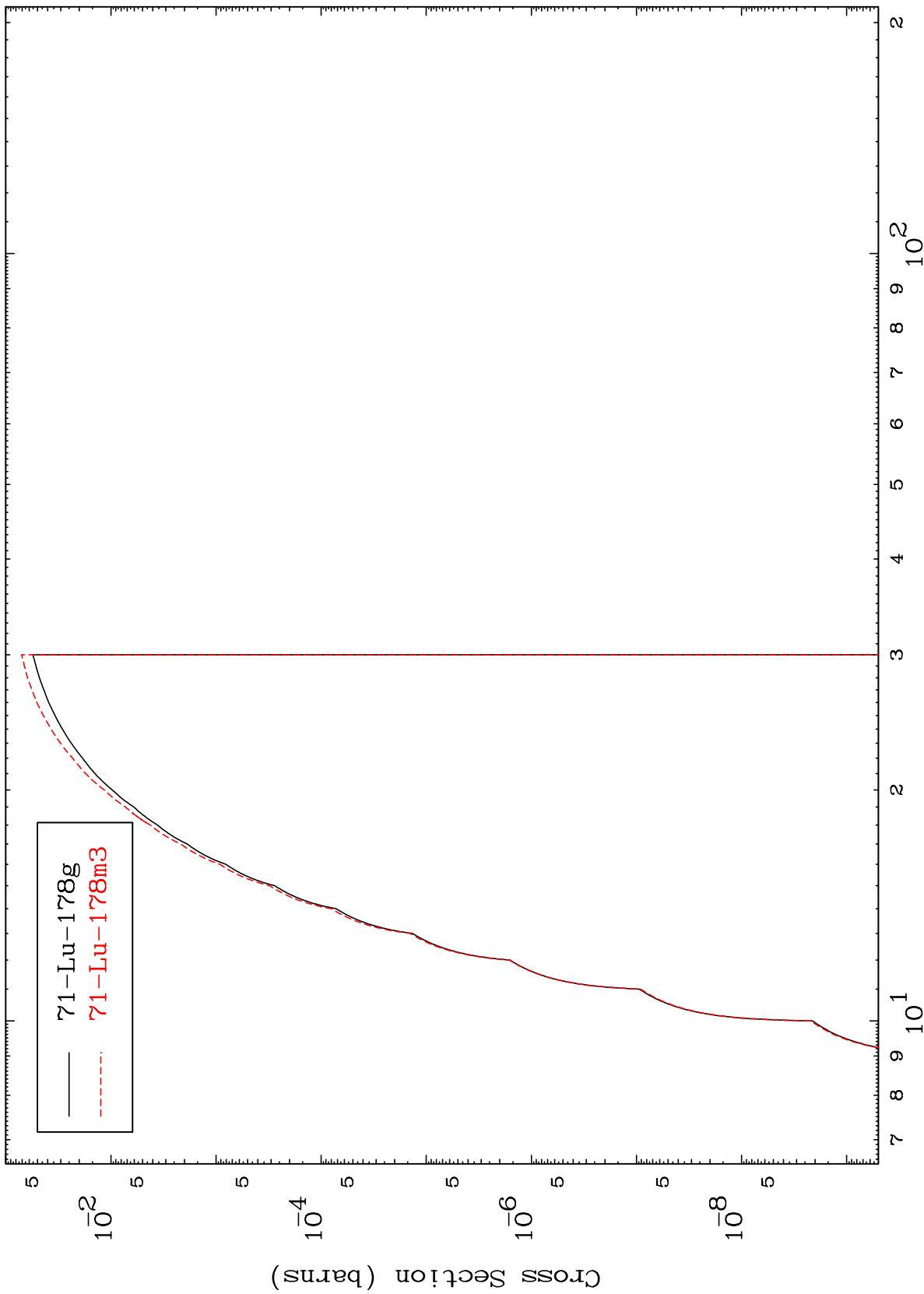


MAT 7137

(n,n') p

⁷¹Lu-179

Radionuclide Production Cross Section



16

Incident Energy (MeV)

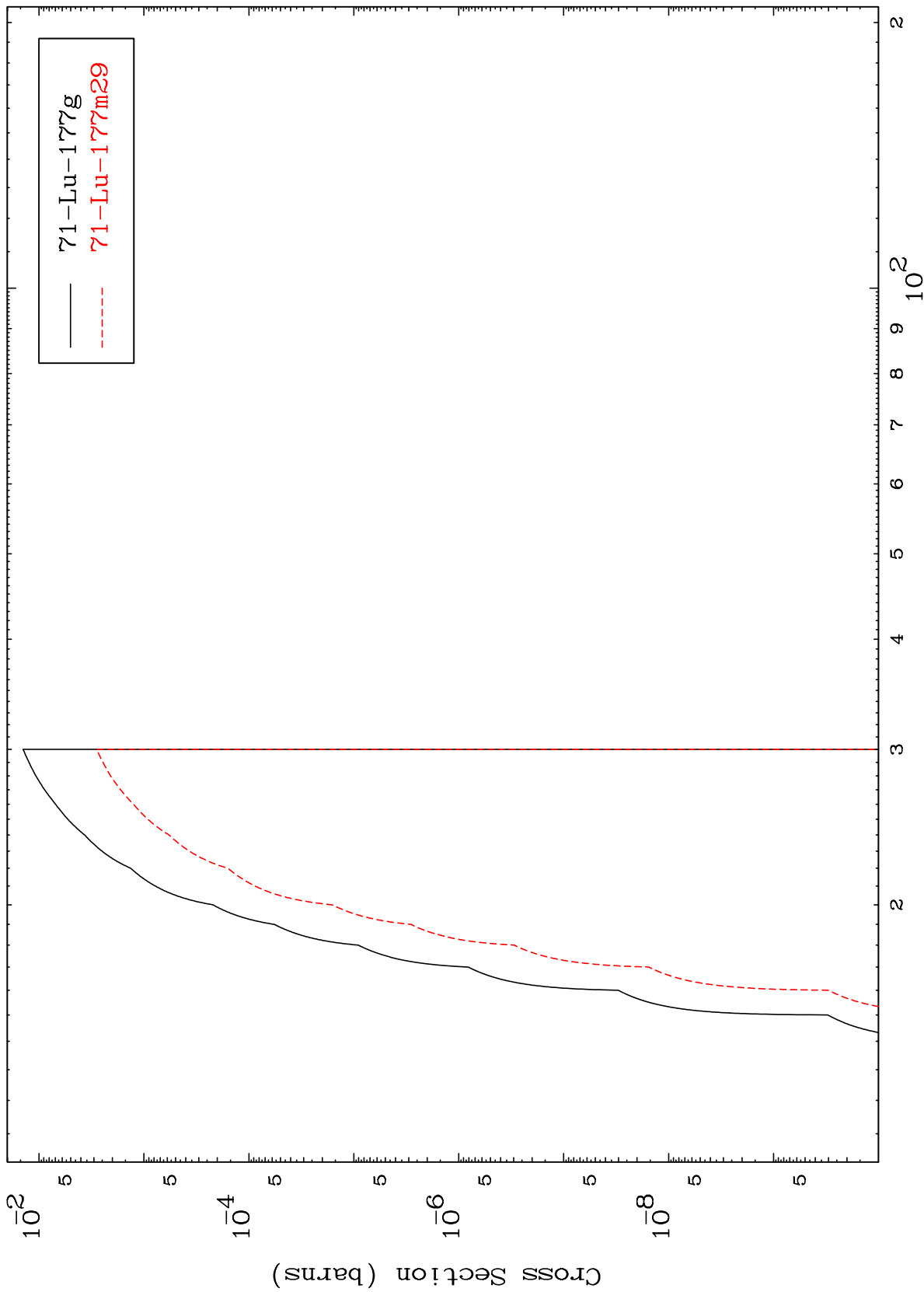
⁷¹Lu-179

MAT 7137

(n,n') d

71-Lu-179

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

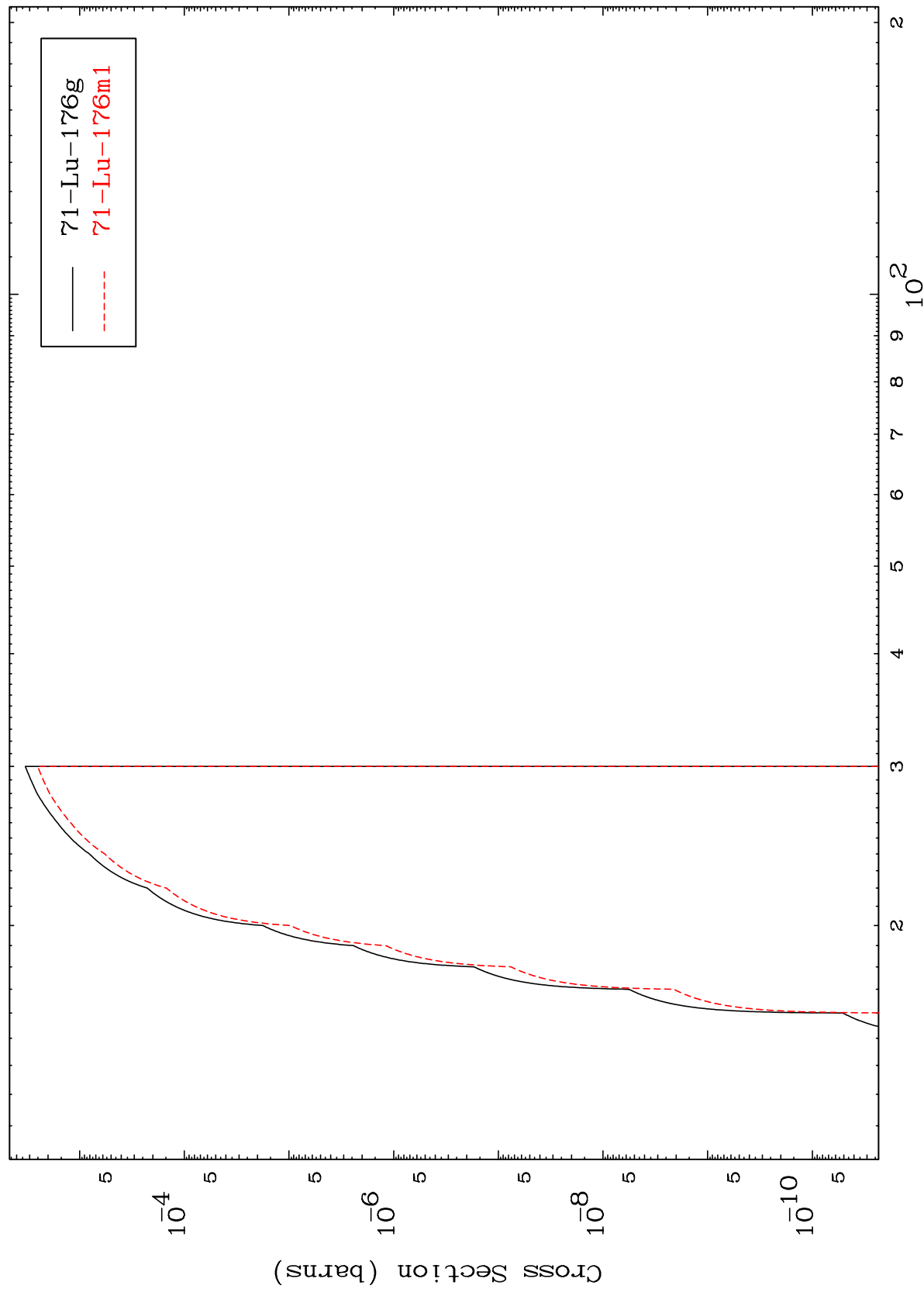
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

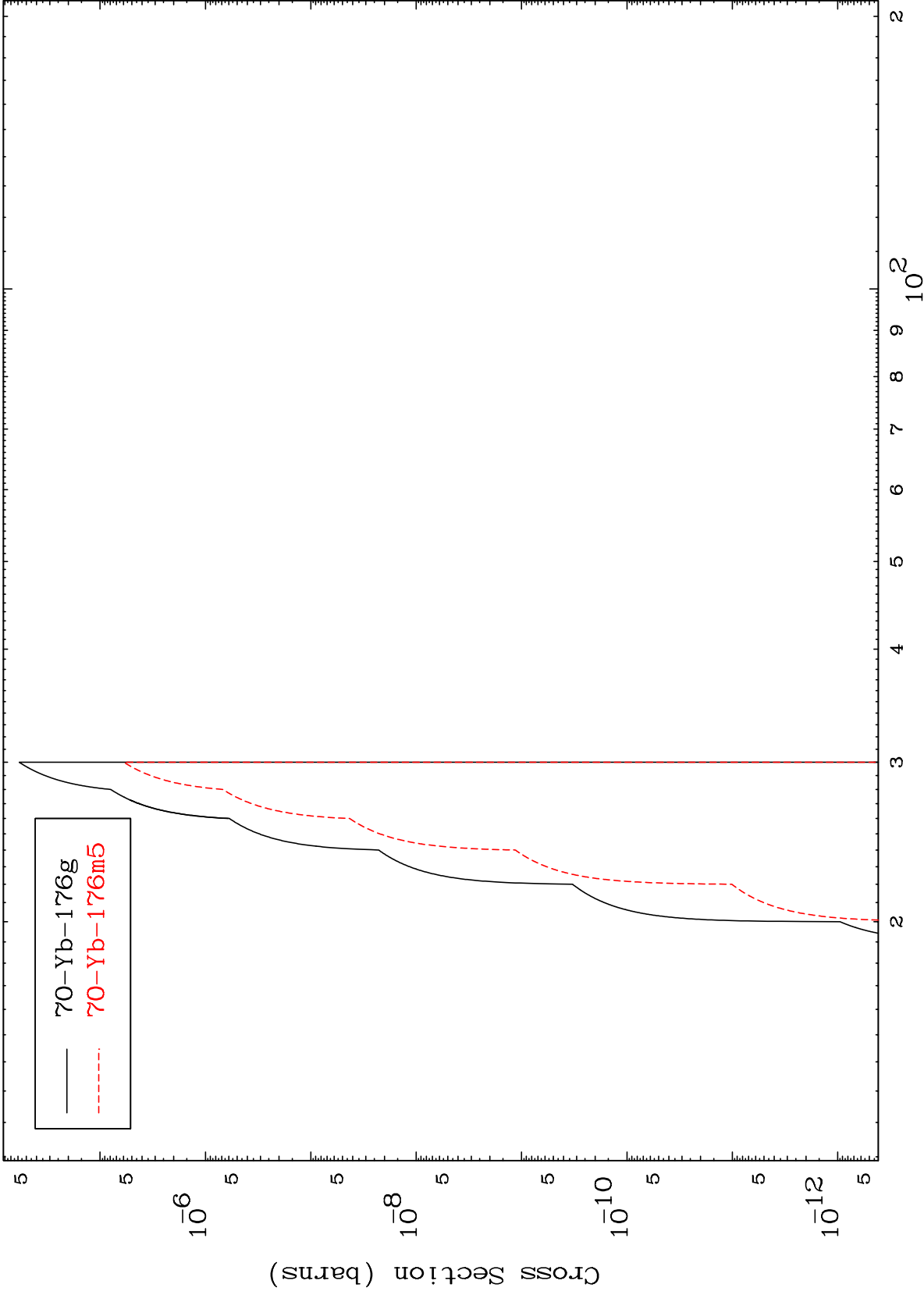
71-Lu-179

MAT 7137

(n,n') He-3

71-Lu-179

Radionuclide Production Cross Section

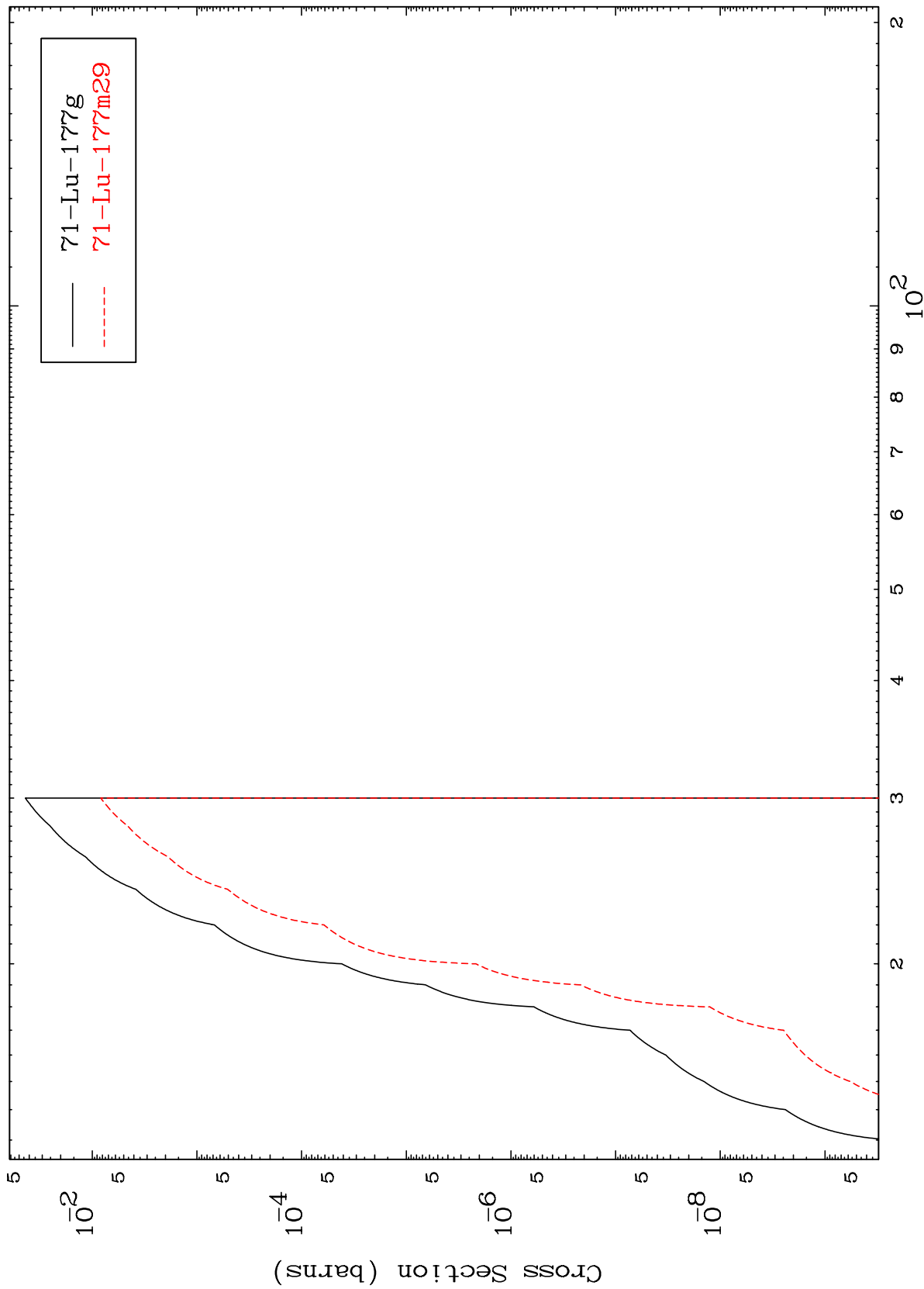


MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

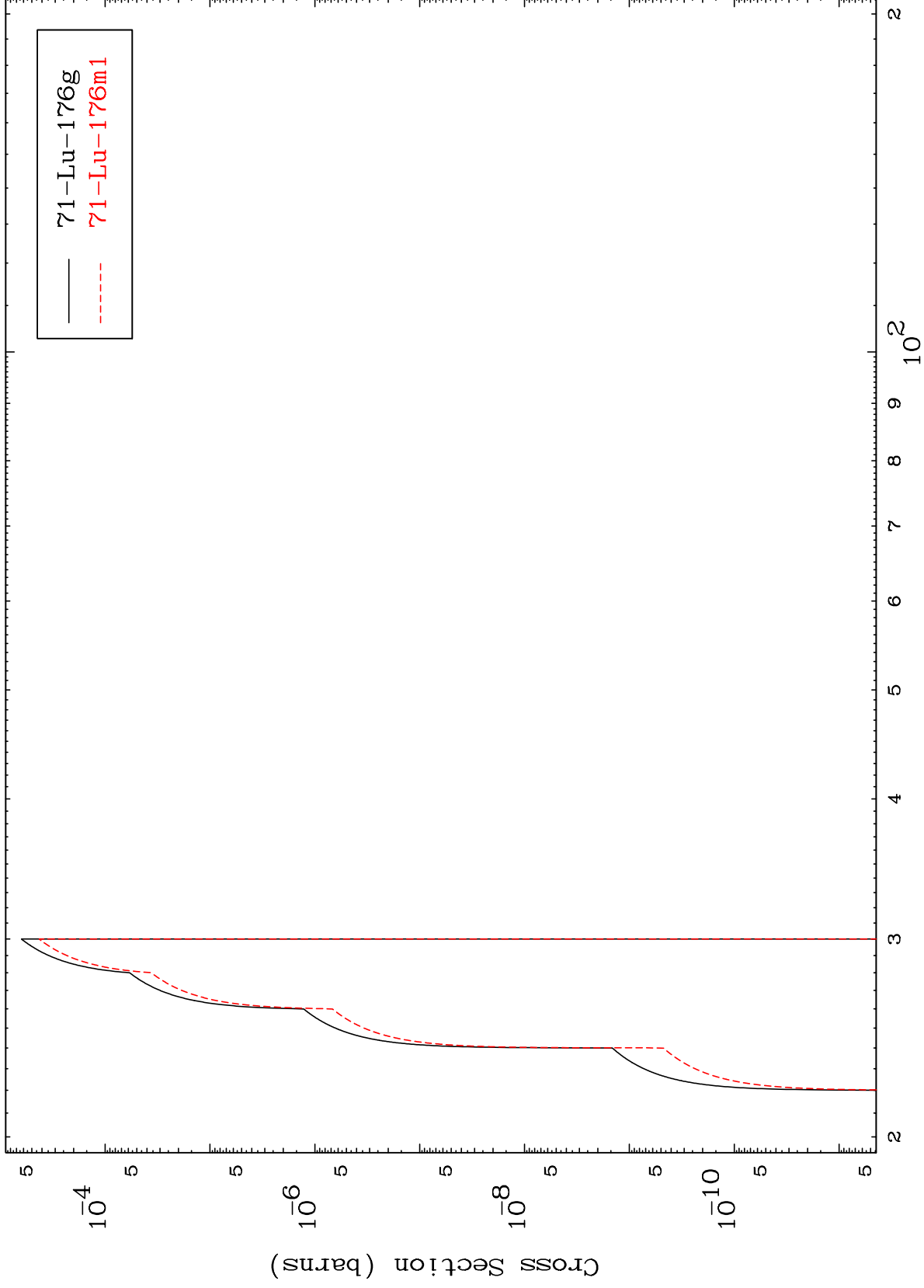
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section

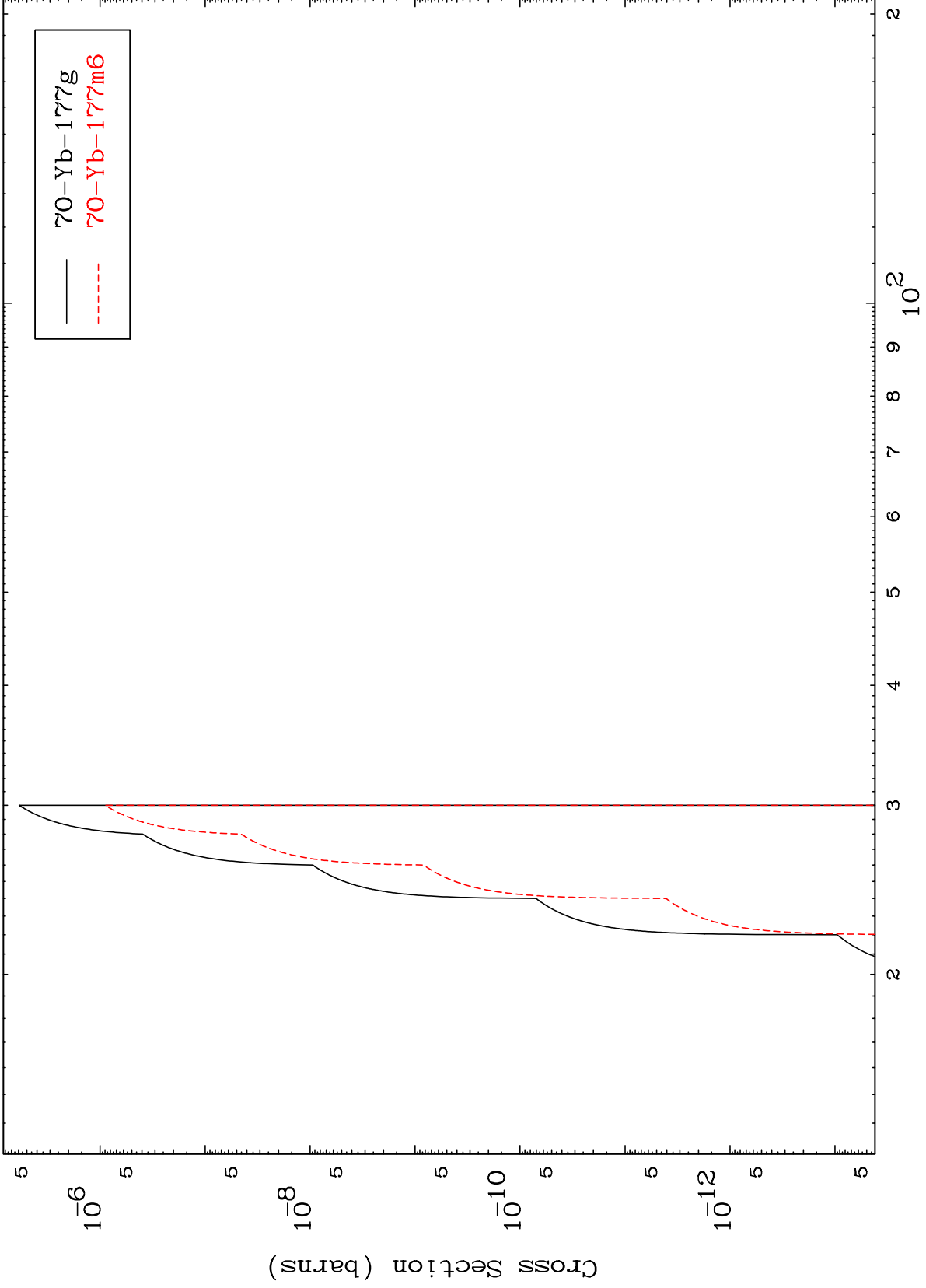


21

Incident Energy (MeV)

71-Lu-179

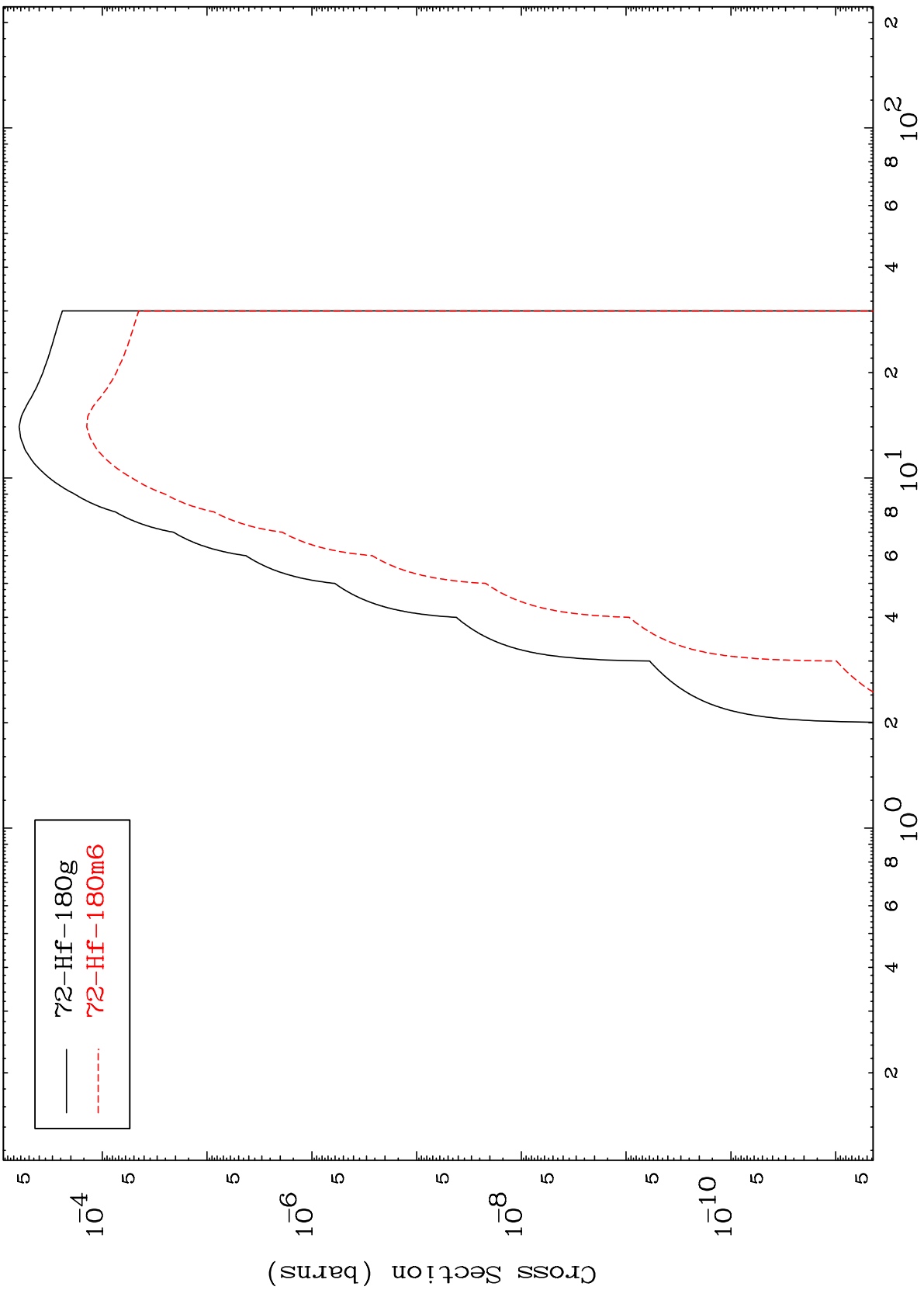
Radionuclide Production Cross Section



MAT 7137

71-Lu-179

(n, γ)
Radionuclide Production Cross Section



71-Lu-179

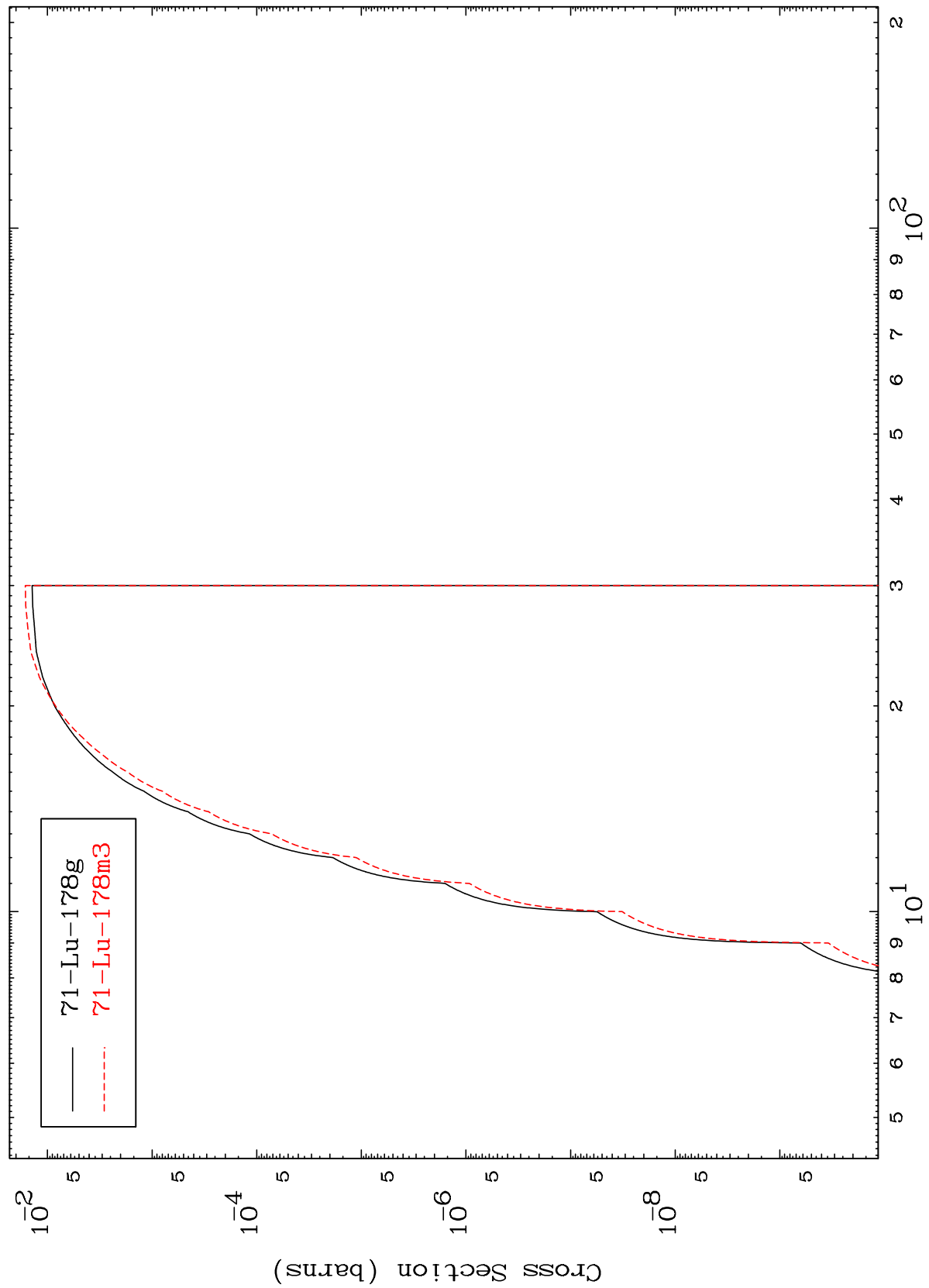
Incident Energy (MeV)

23

MAT 7137

71-Lu-179

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

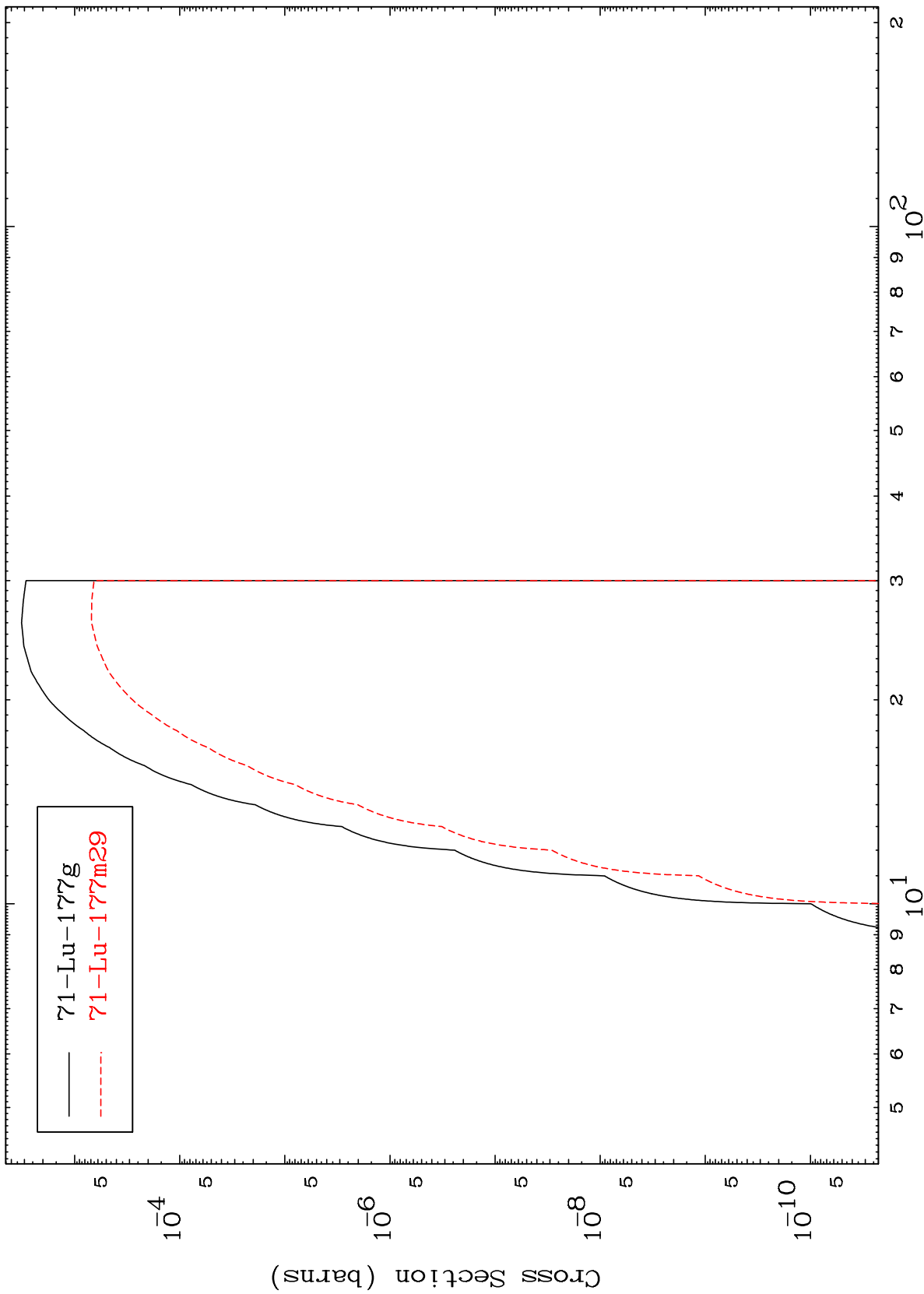
71-Lu-179

24

MAT 7137

71-Lu-179

Radionuclide Production Cross Section (n,t)



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

71-Lu-179

Incident Energy (MeV)

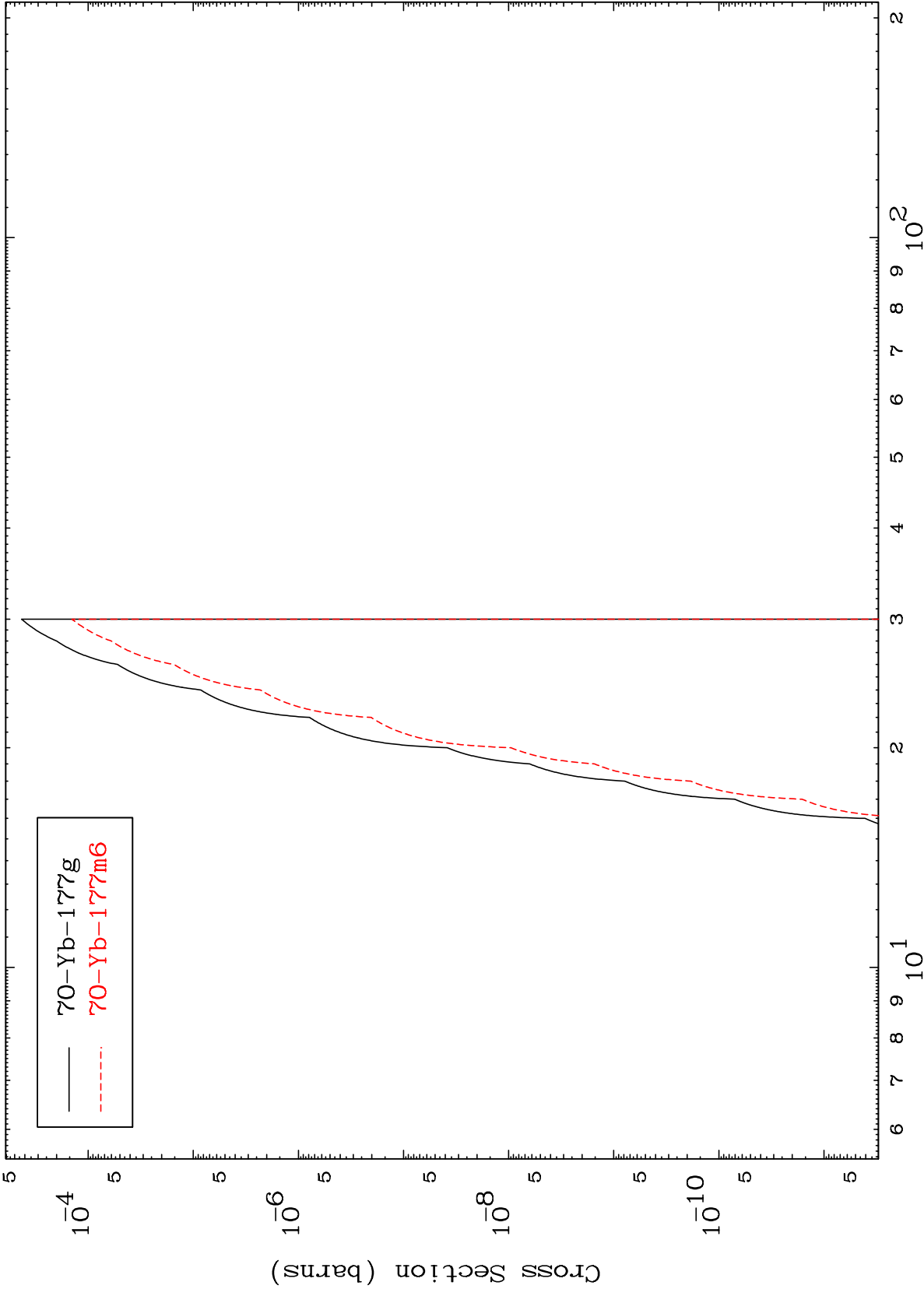
25

MAT 7137

(n,He-3)

71-Lu-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

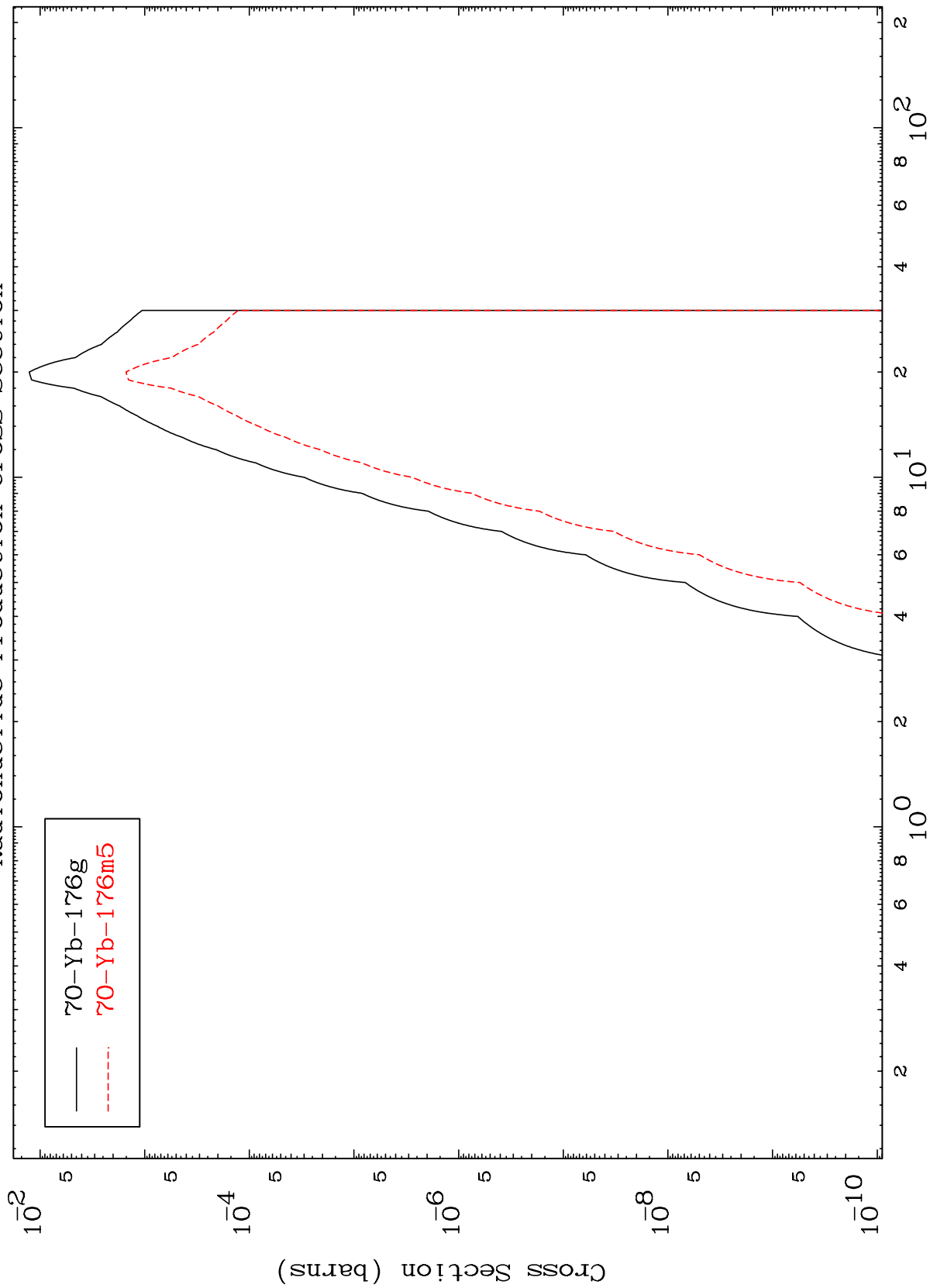
71-Lu-179

MAT 7137

(n, α)

71-Lu-179

Radionuclide Production Cross Section

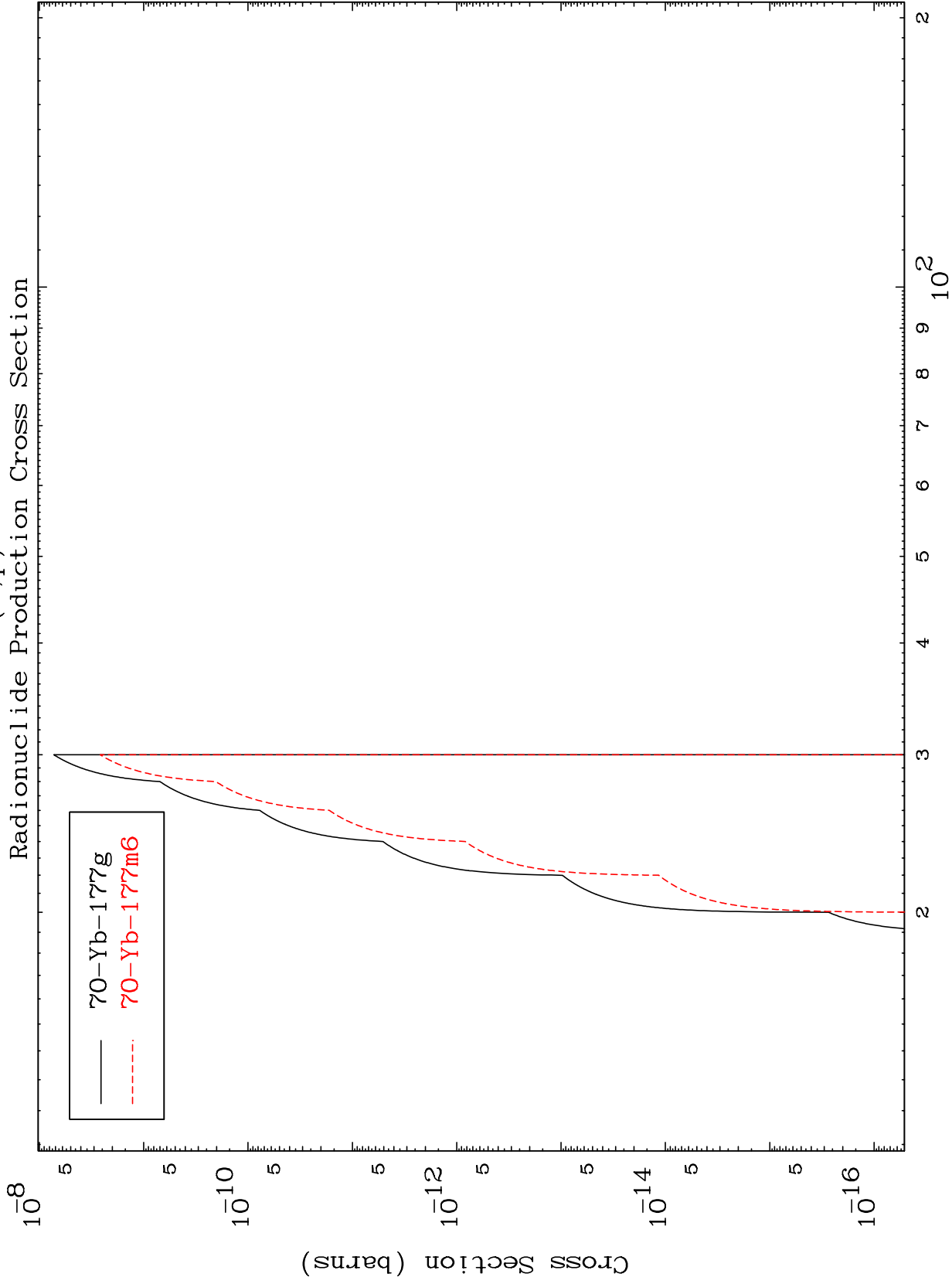


MAT 7137

(n,p) d

⁷¹Lu-179

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷¹Lu-179

28