

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

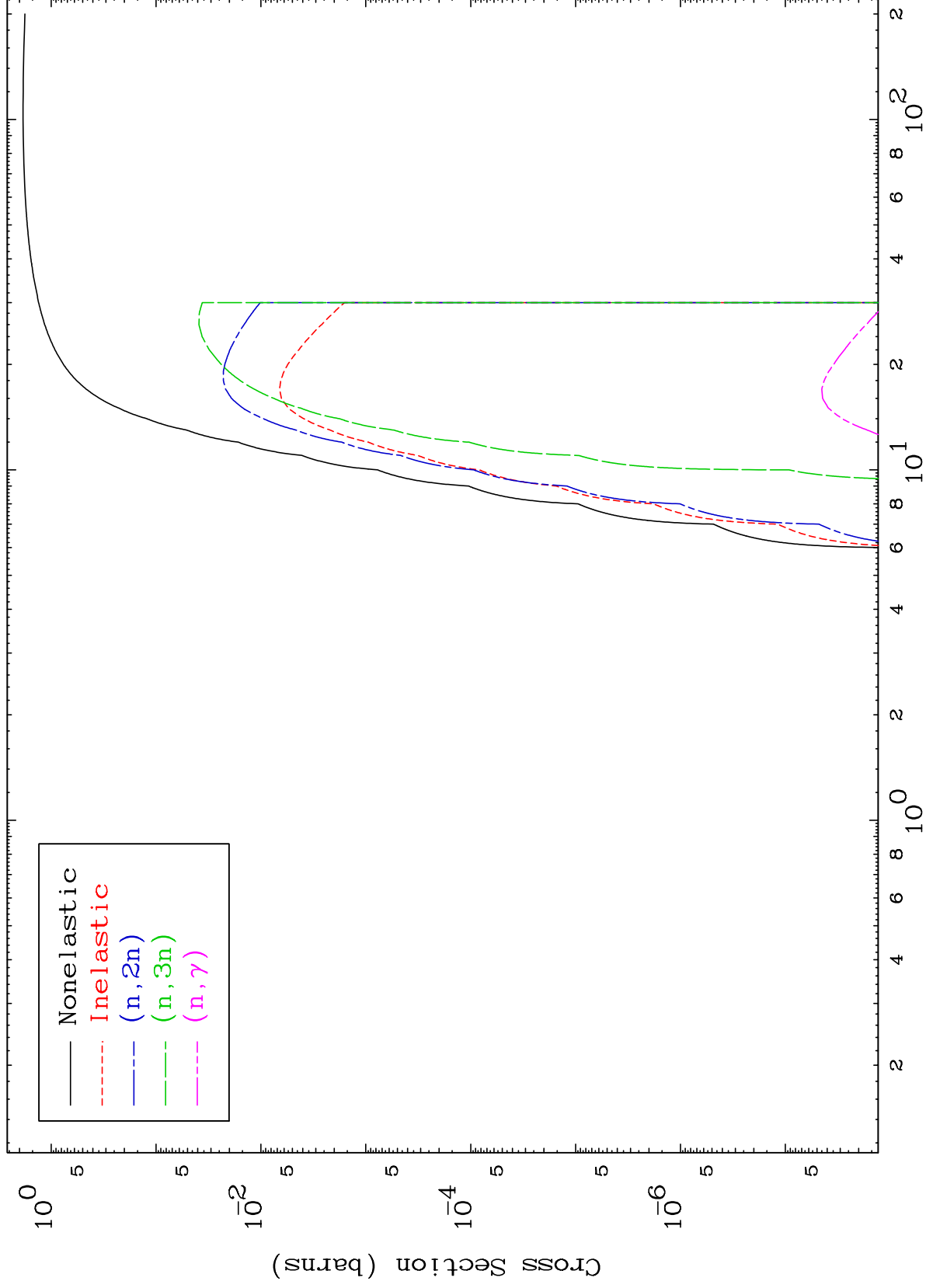
Press Mouse Button to Start

MAT 4737

He-3 Major

0 Kelvin Cross Sections

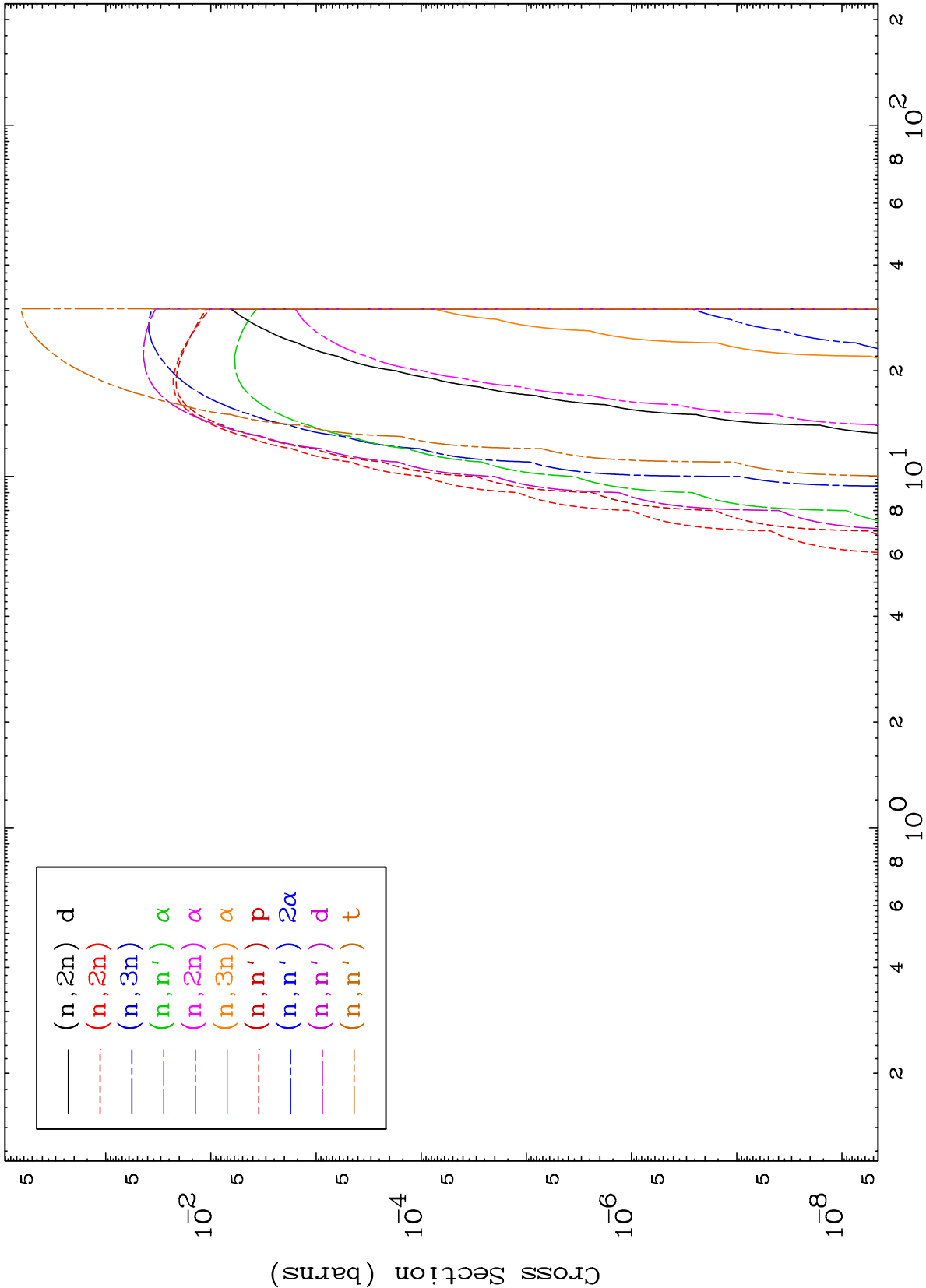
47-Ag-111

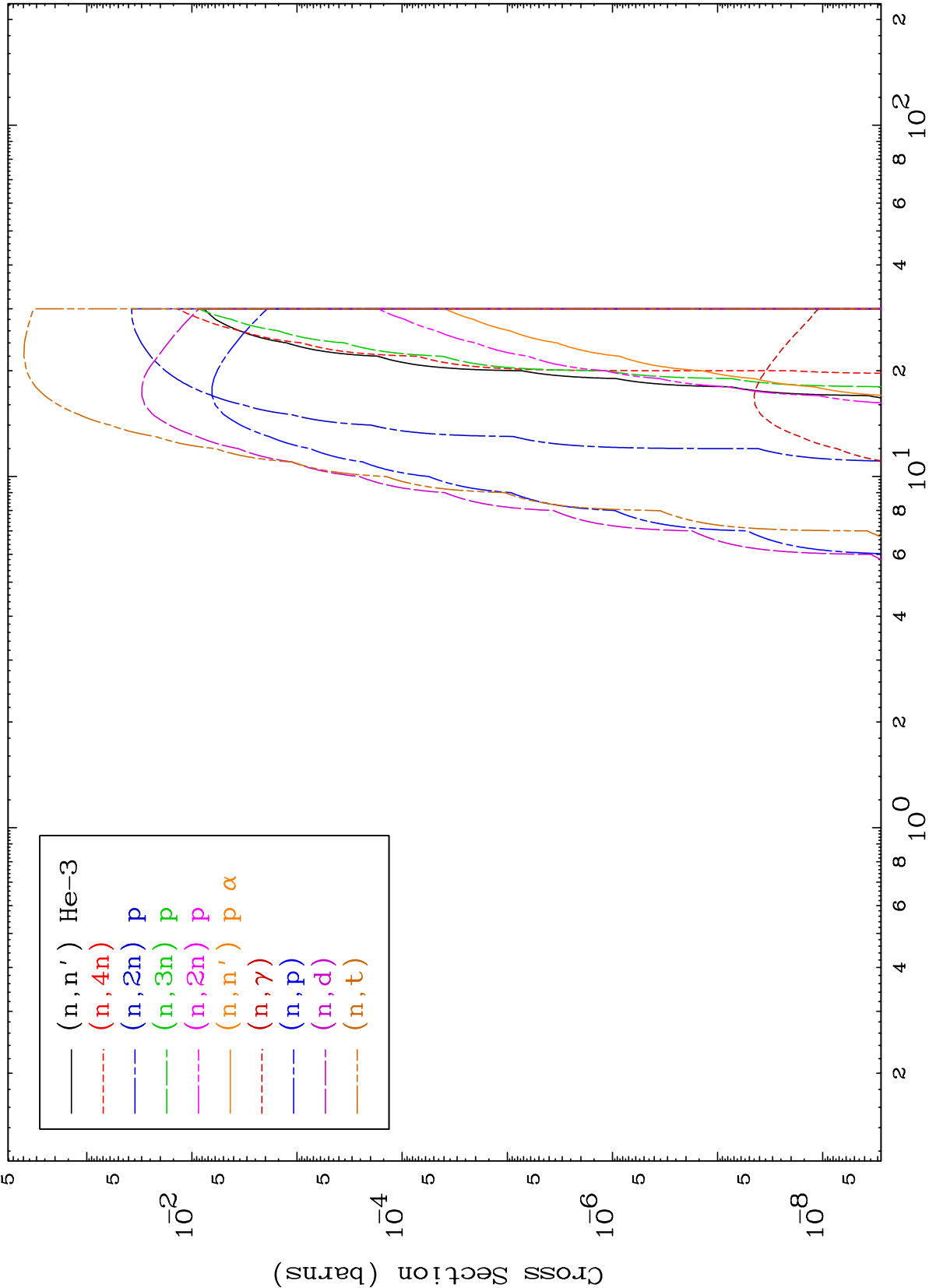


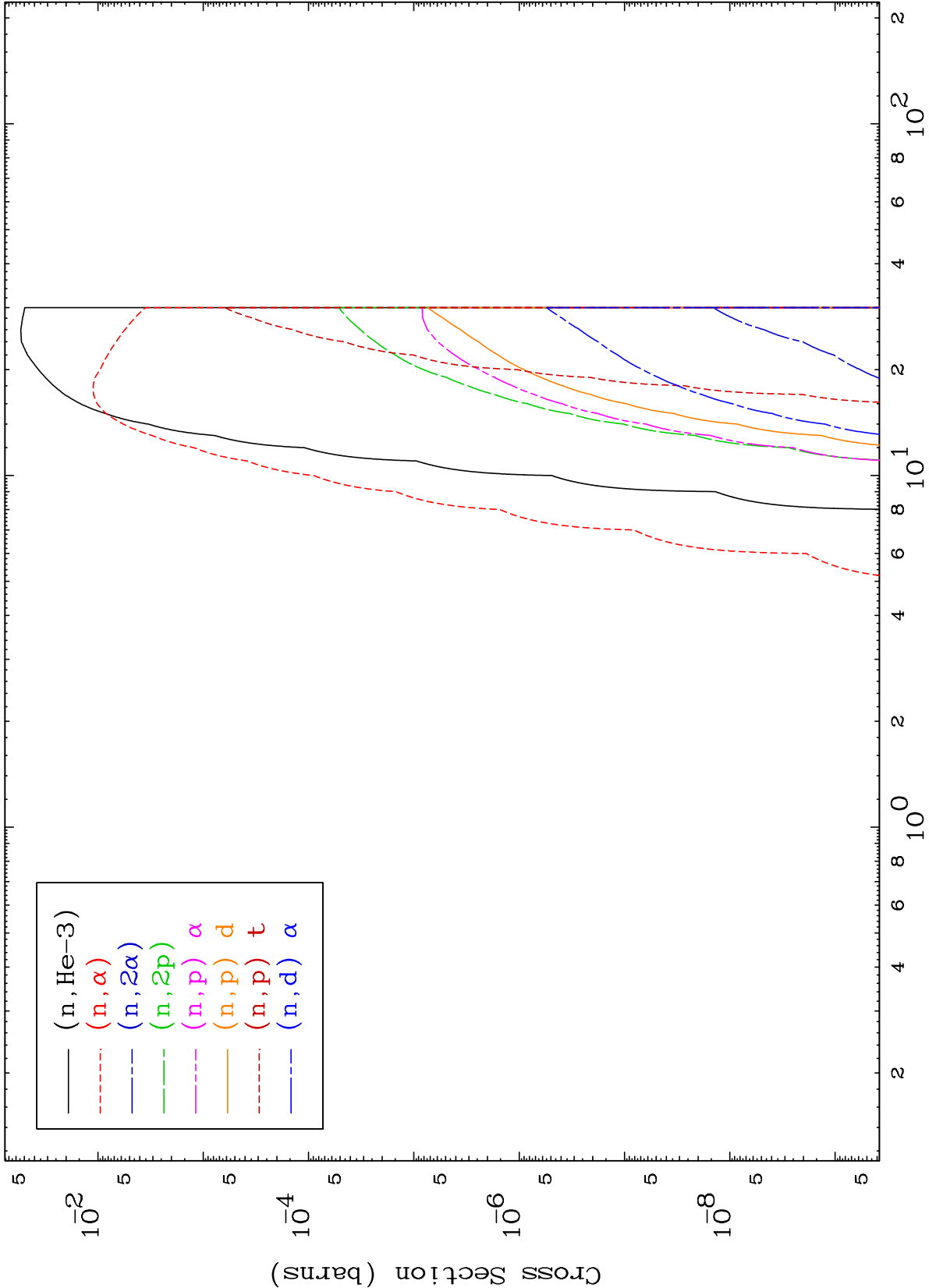
1

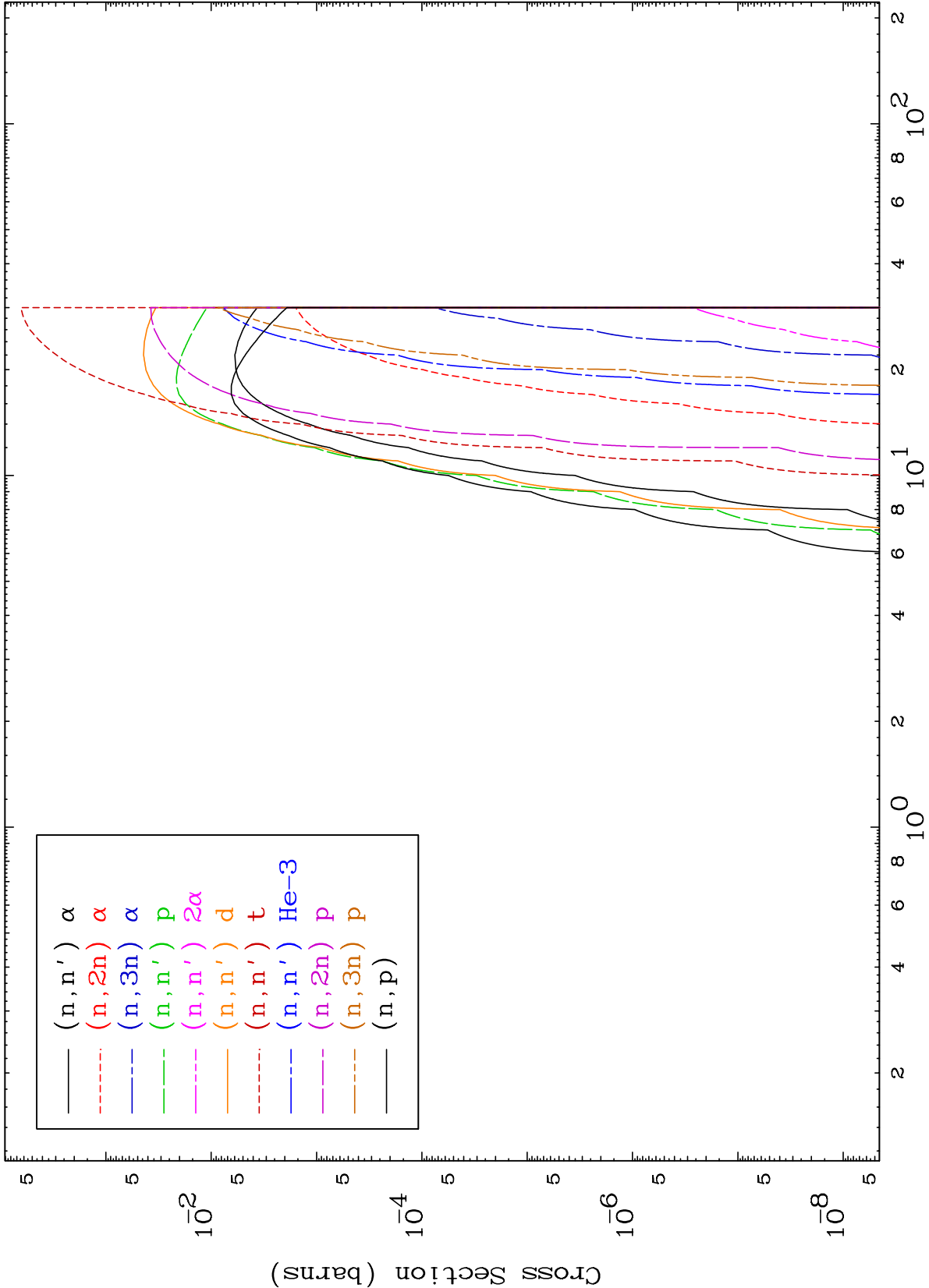
Incident Energy (MeV)

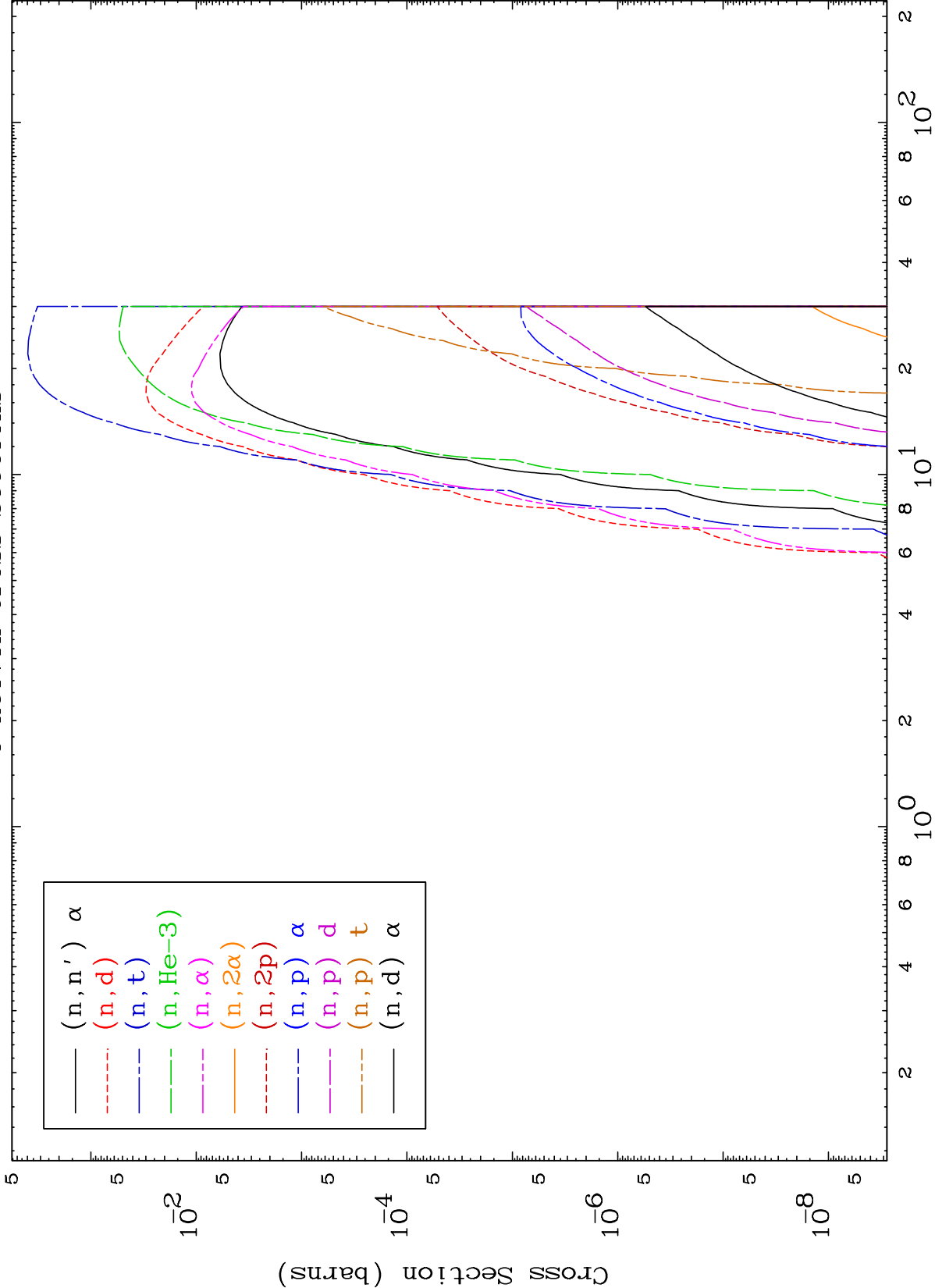
47-Ag-111







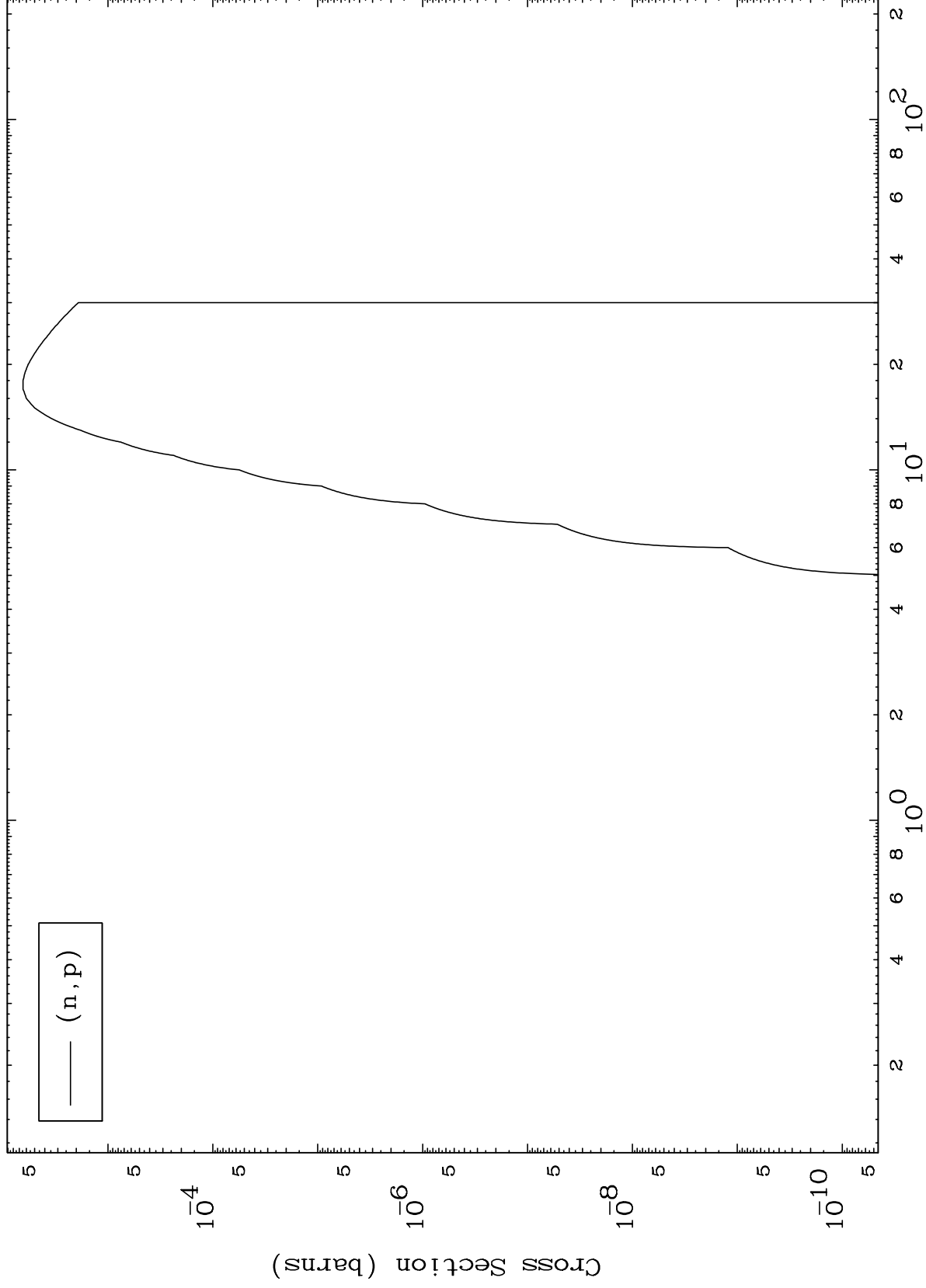




MAT 4737

47-Ag-111

(He-3,p) Levels
0 Kelvin Cross Sections

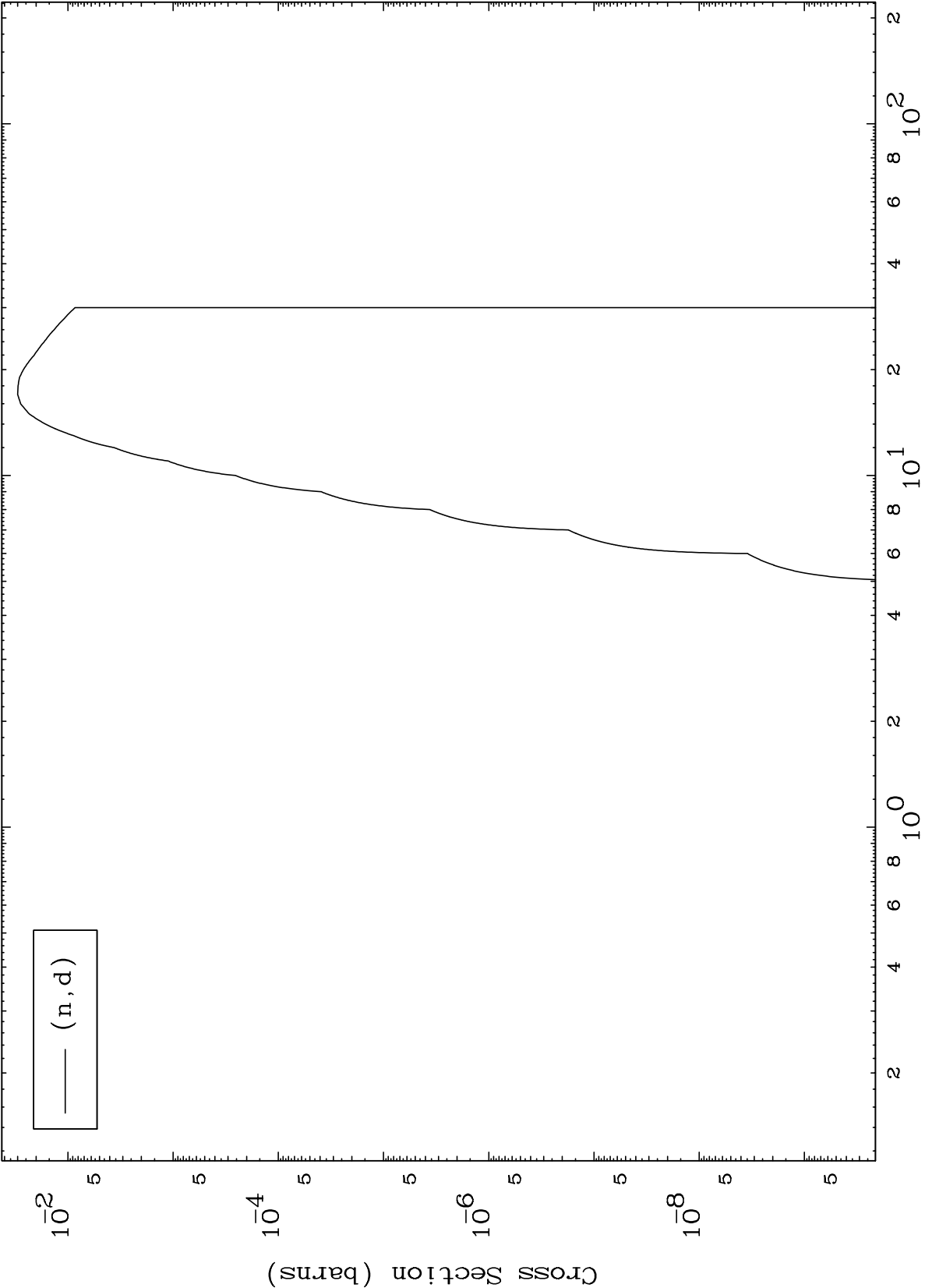


7

47-Ag-111

Incident Energy (MeV)

0 Kelvin Cross Sections

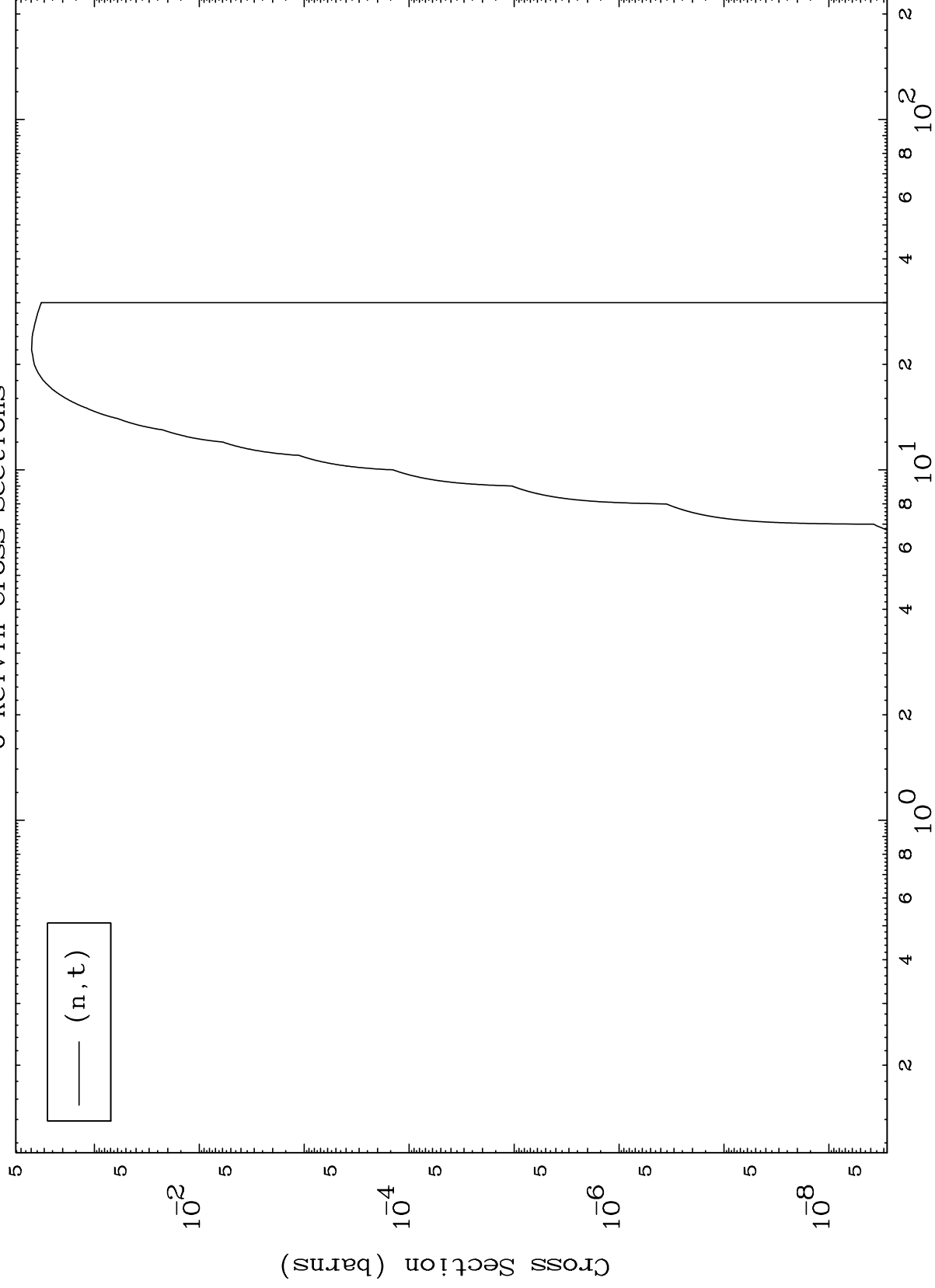


— (n,d)

MAT 4737

47-Ag-111

(He-3,t) Levels
0 Kelvin Cross Sections



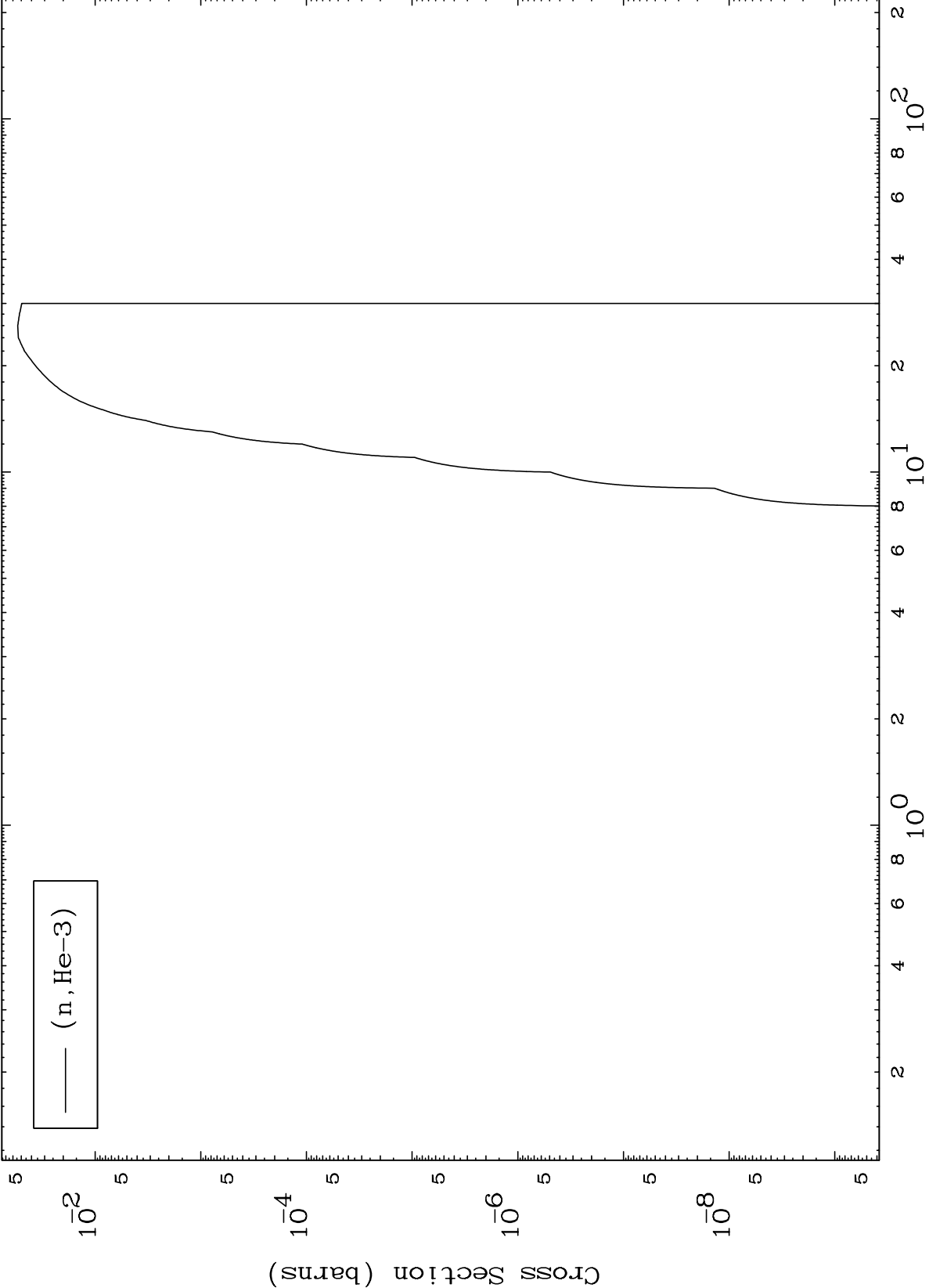
— (n,t)

MAT 4737

(He-3, He3) Levels

47-Ag-111

0 Kelvin Cross Sections



— (n, He-3)

10

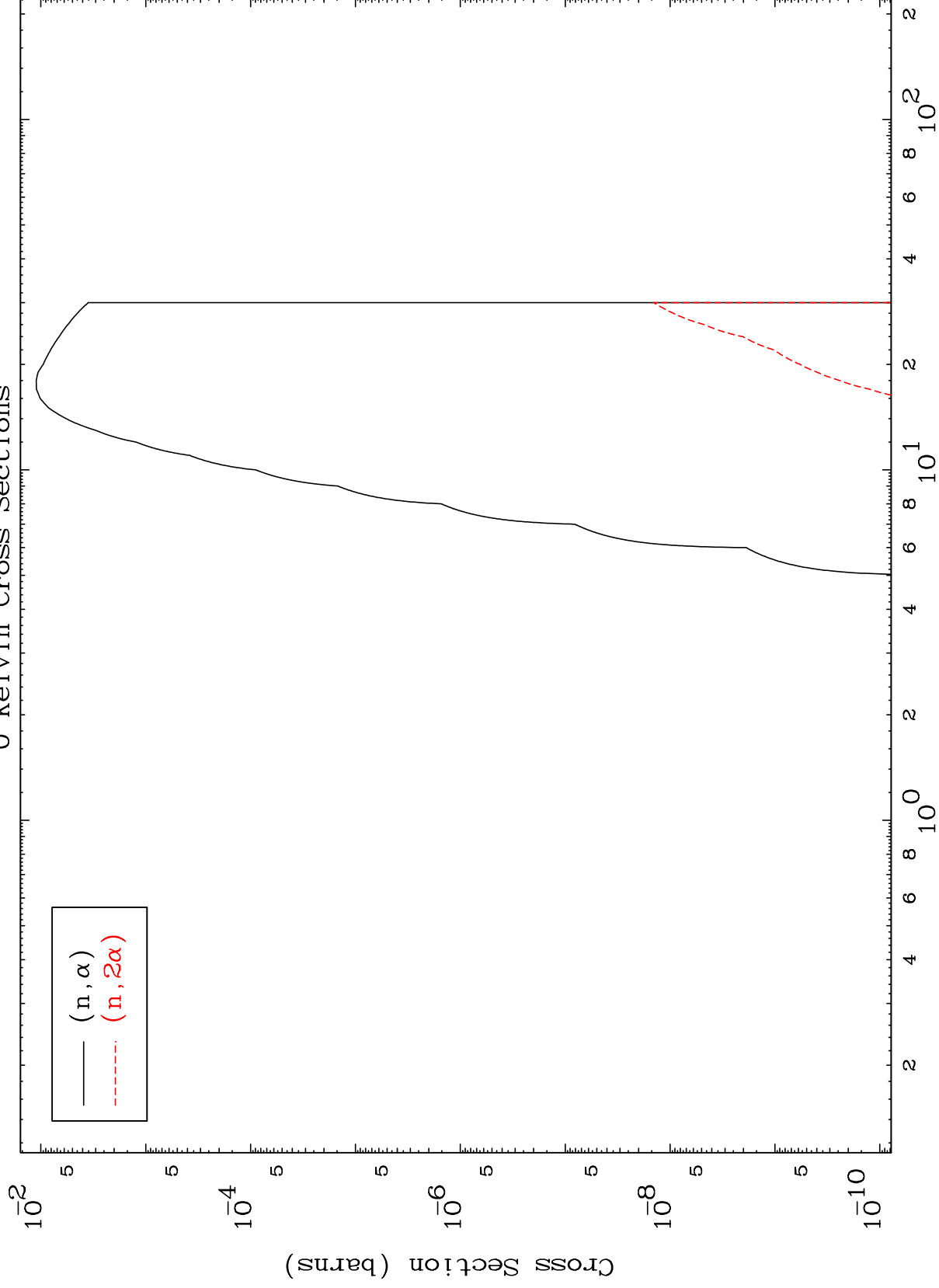
Incident Energy (MeV)

47-Ag-111

MAT 4737

47-Ag-111

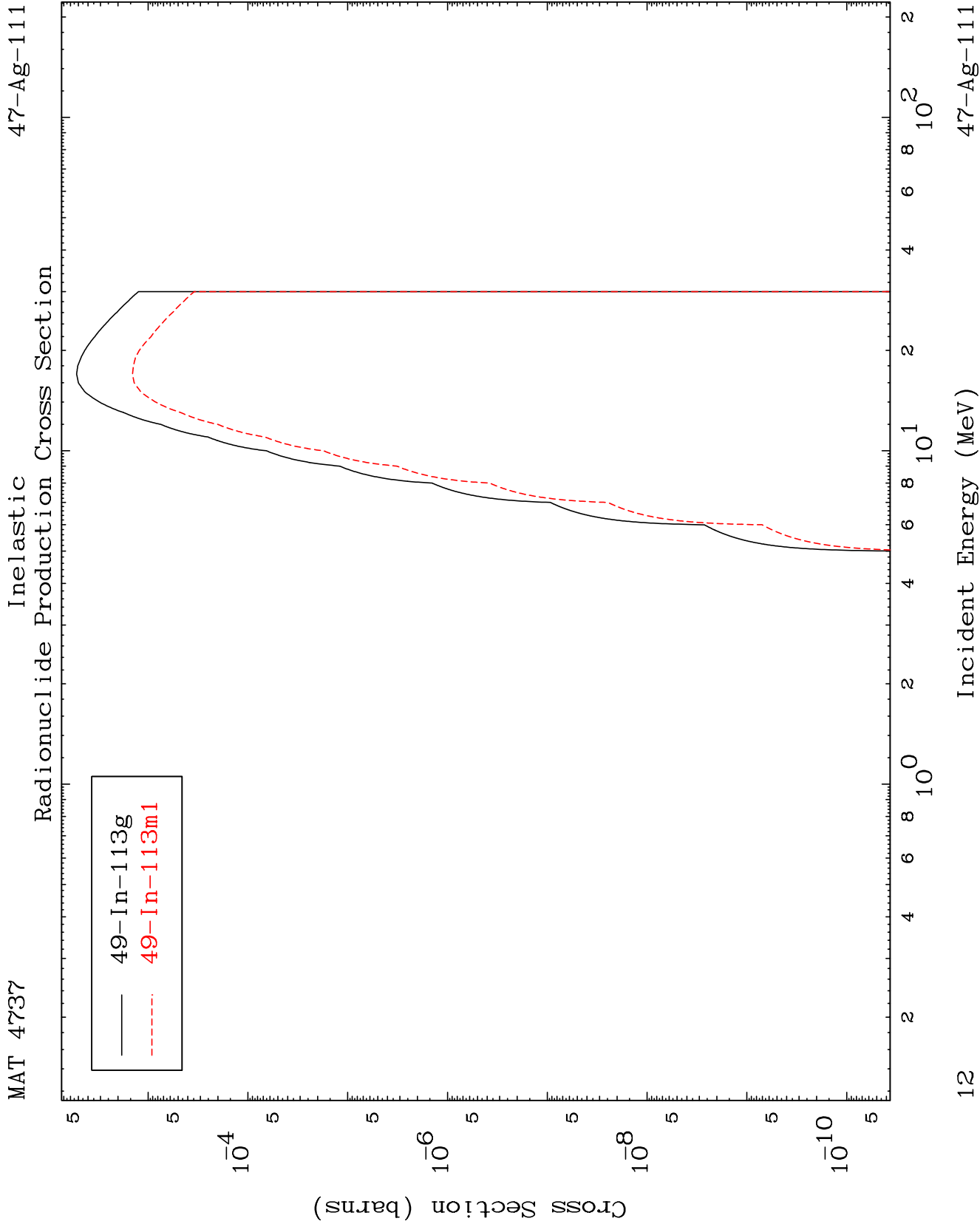
(He-3, α) Levels
0 Kelvin Cross Sections



11

47-Ag-111

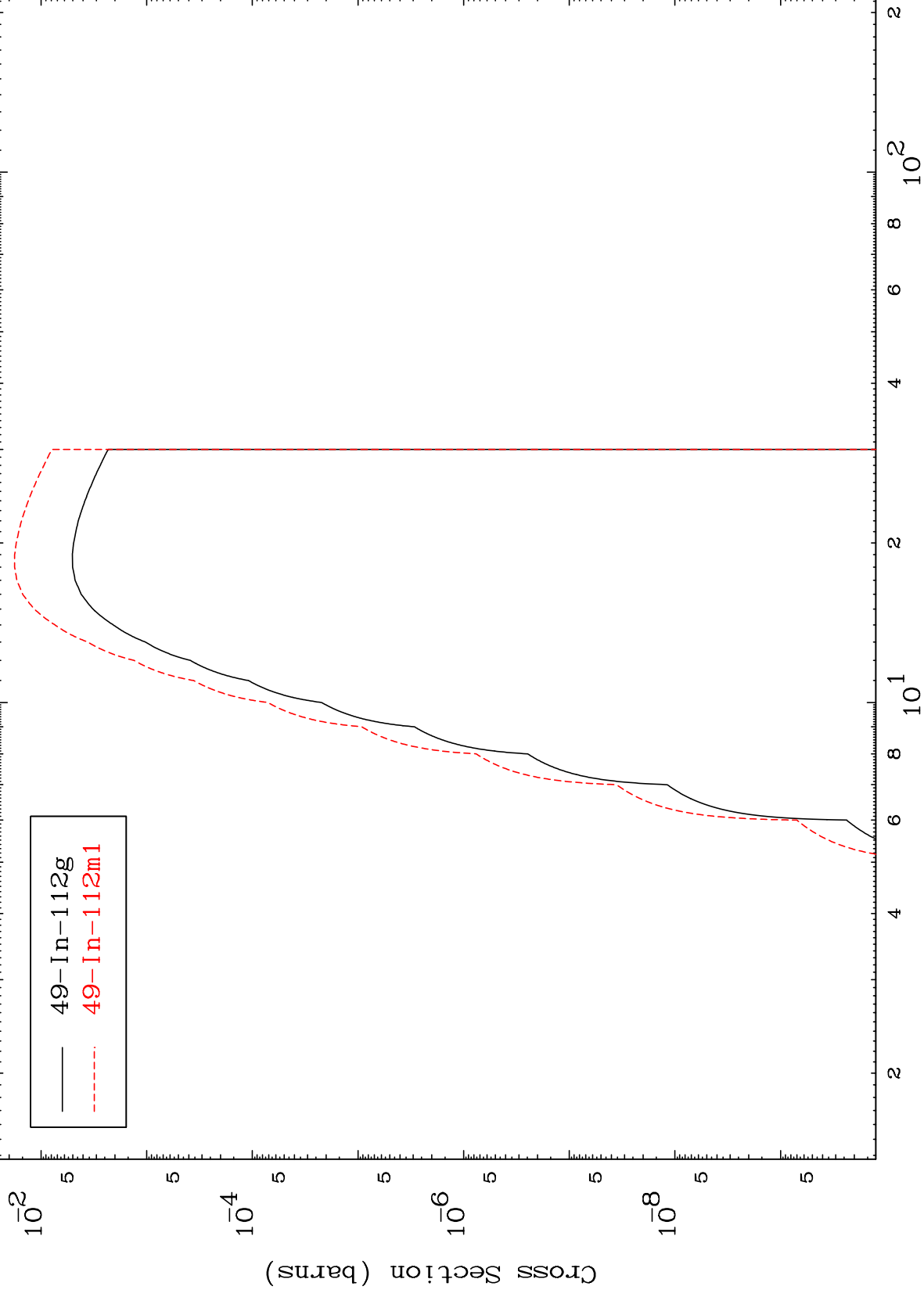
Incident Energy (MeV)



MAT 4737

47-Ag-111

Radionuclide Production Cross Section
(n,2n)



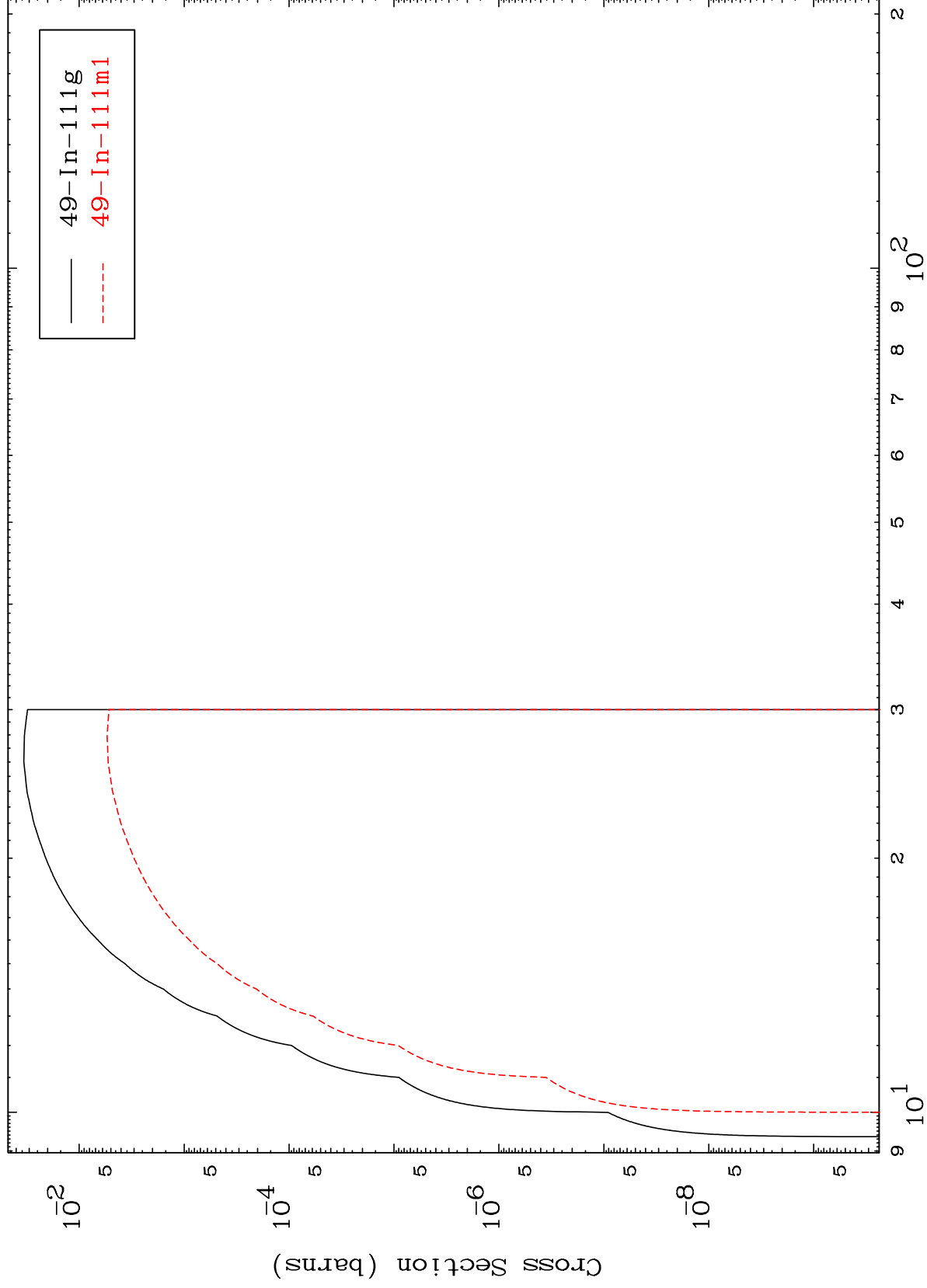
13

47-Ag-111

MAT 4737

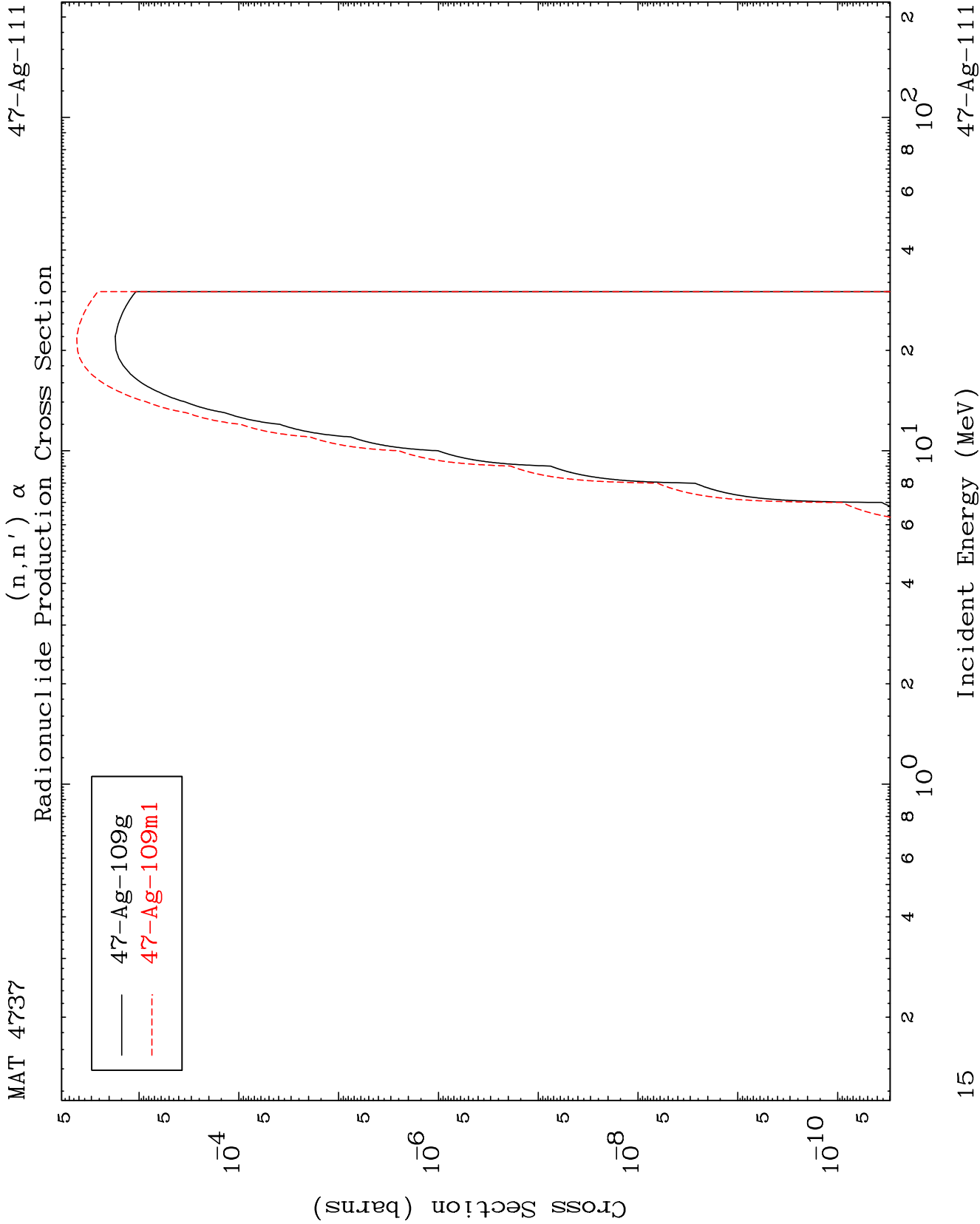
47-Ag-111

(n,3n)
Radionuclide Production Cross Section



47-Ag-111

Incident Energy (MeV)

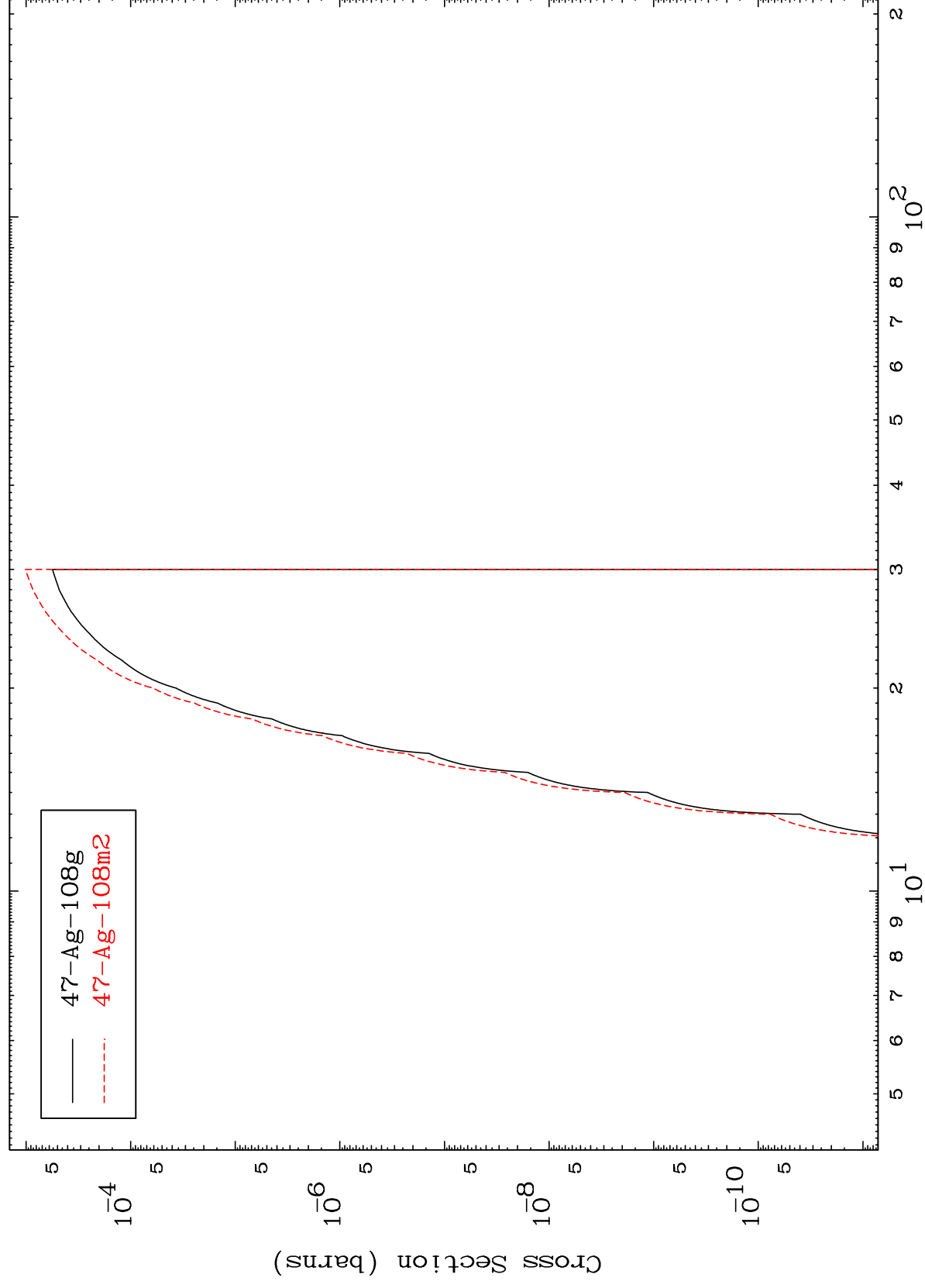


MAT 4737

47-Ag-111

$$(n, 2n) \propto$$

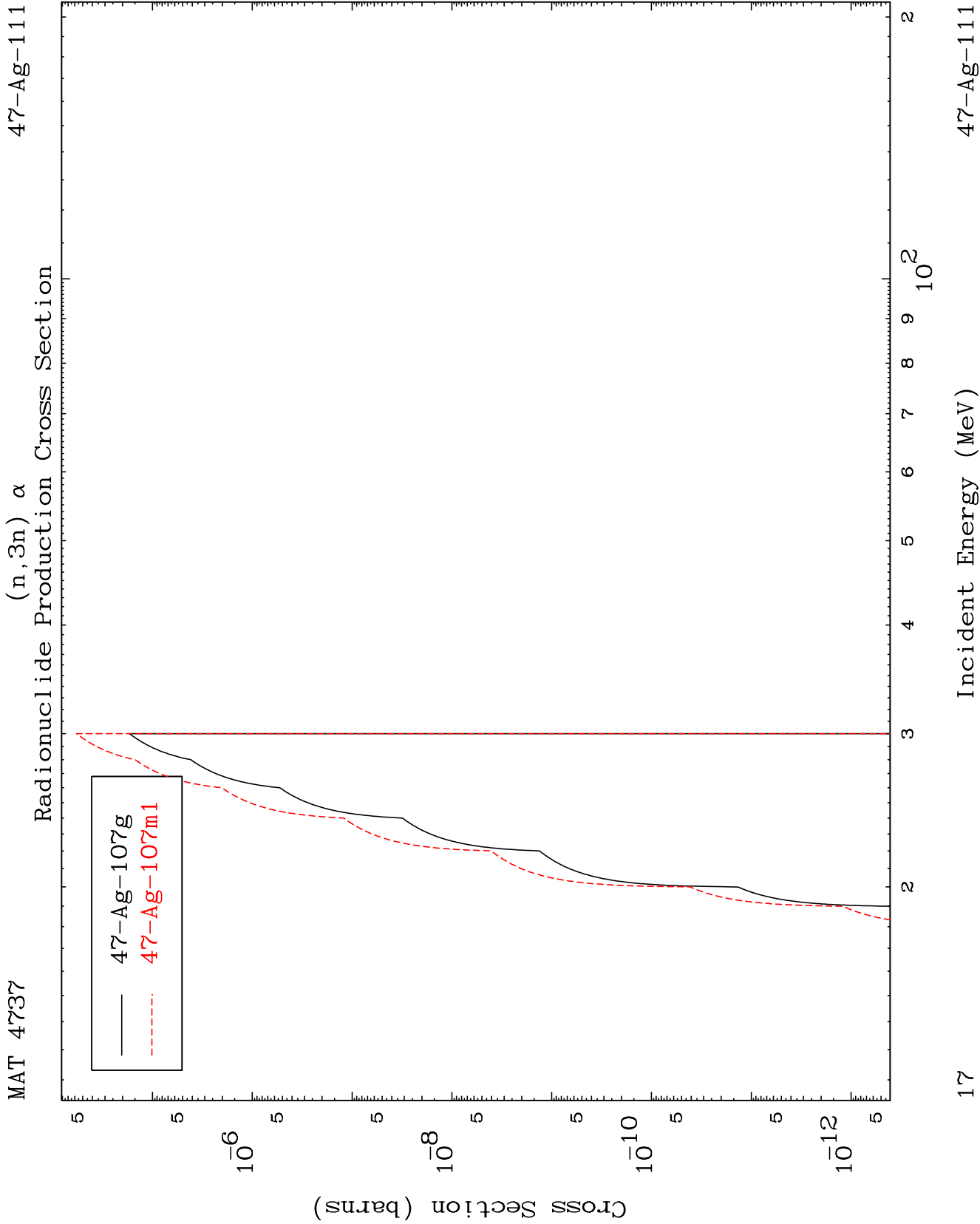
Radionuclide Production Cross Section



16

Incident Energy (MeV)

47-Ag-111

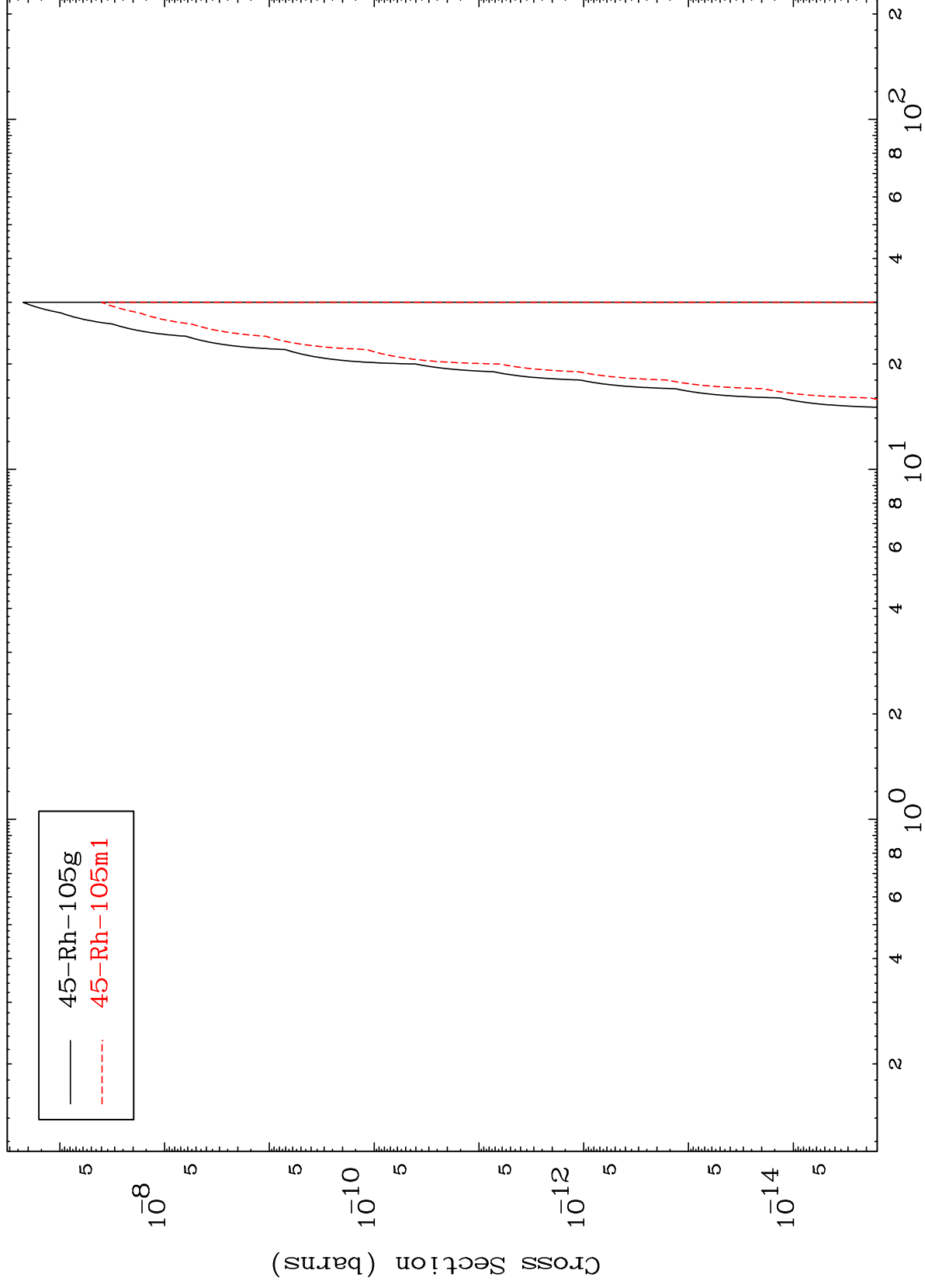


MAT 4737

(n,n') 2 α

47-Ag-111

Radionuclide Production Cross Section



18

Incident Energy (MeV)

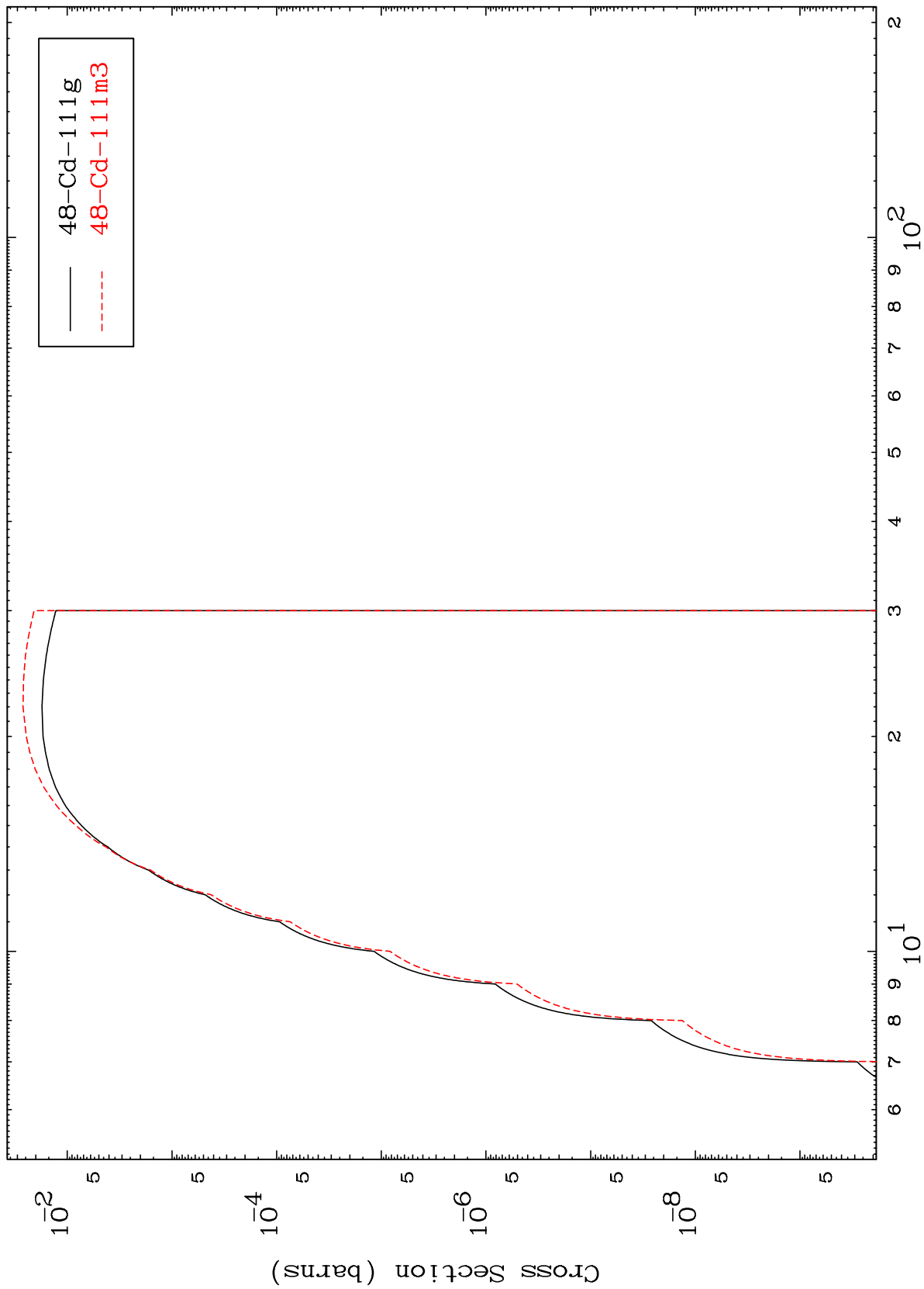
47-Ag-111

MAT 4737

(n,n') d

47-Ag-111

Radionuclide Production Cross Section



19

Incident Energy (MeV)

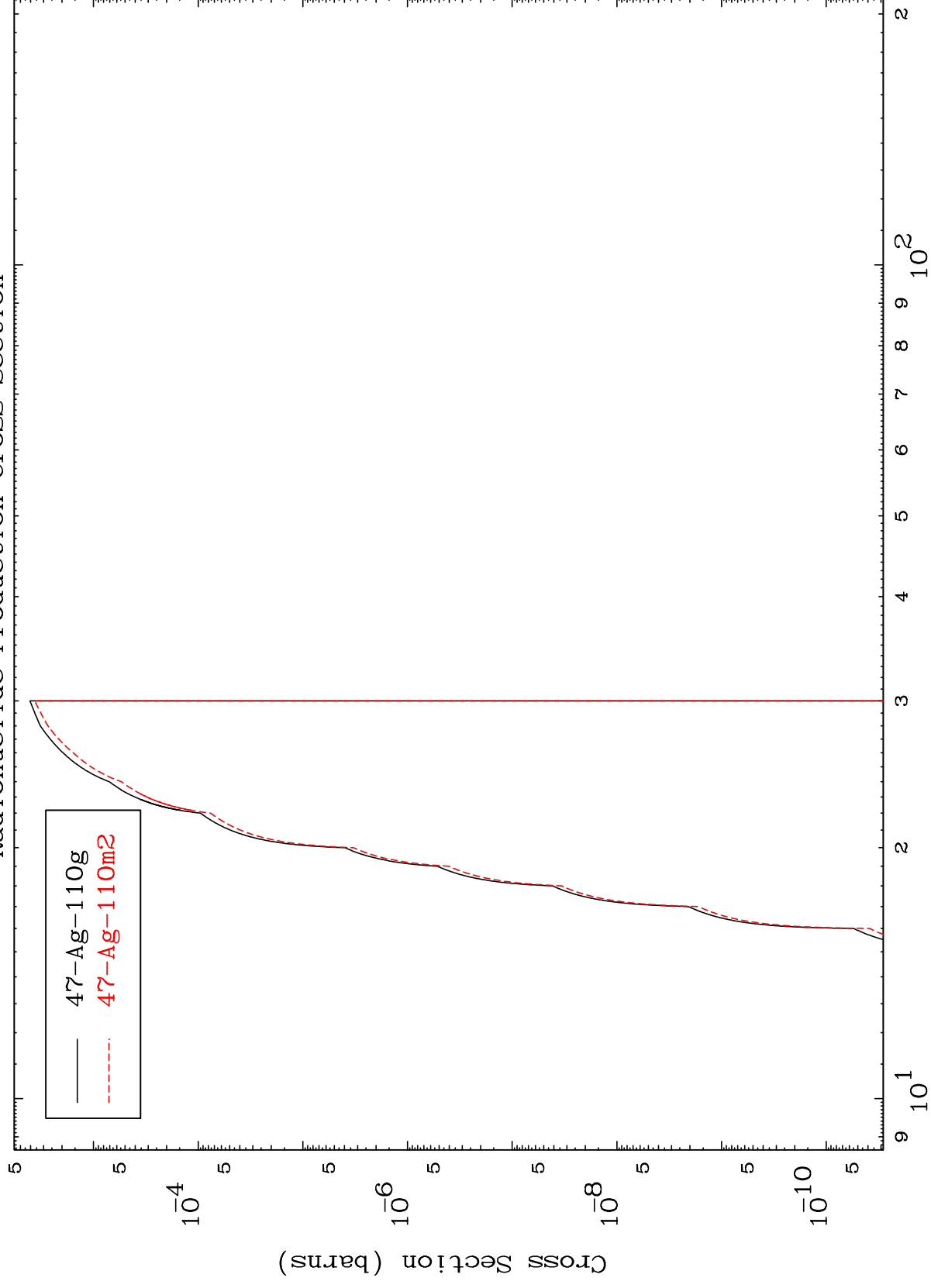
47-Ag-111

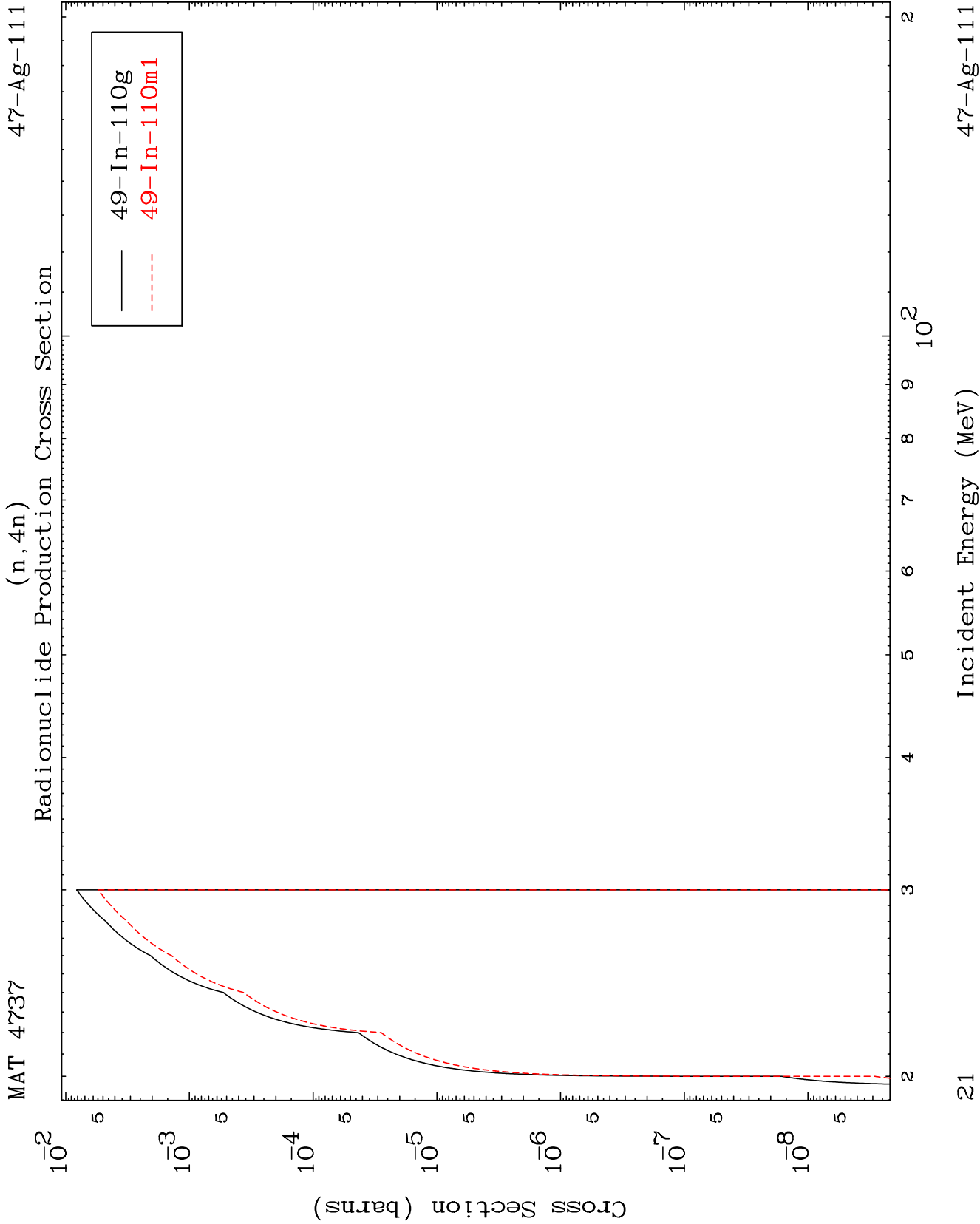
MAT 4737

 $(n, n') \text{ He-3}$

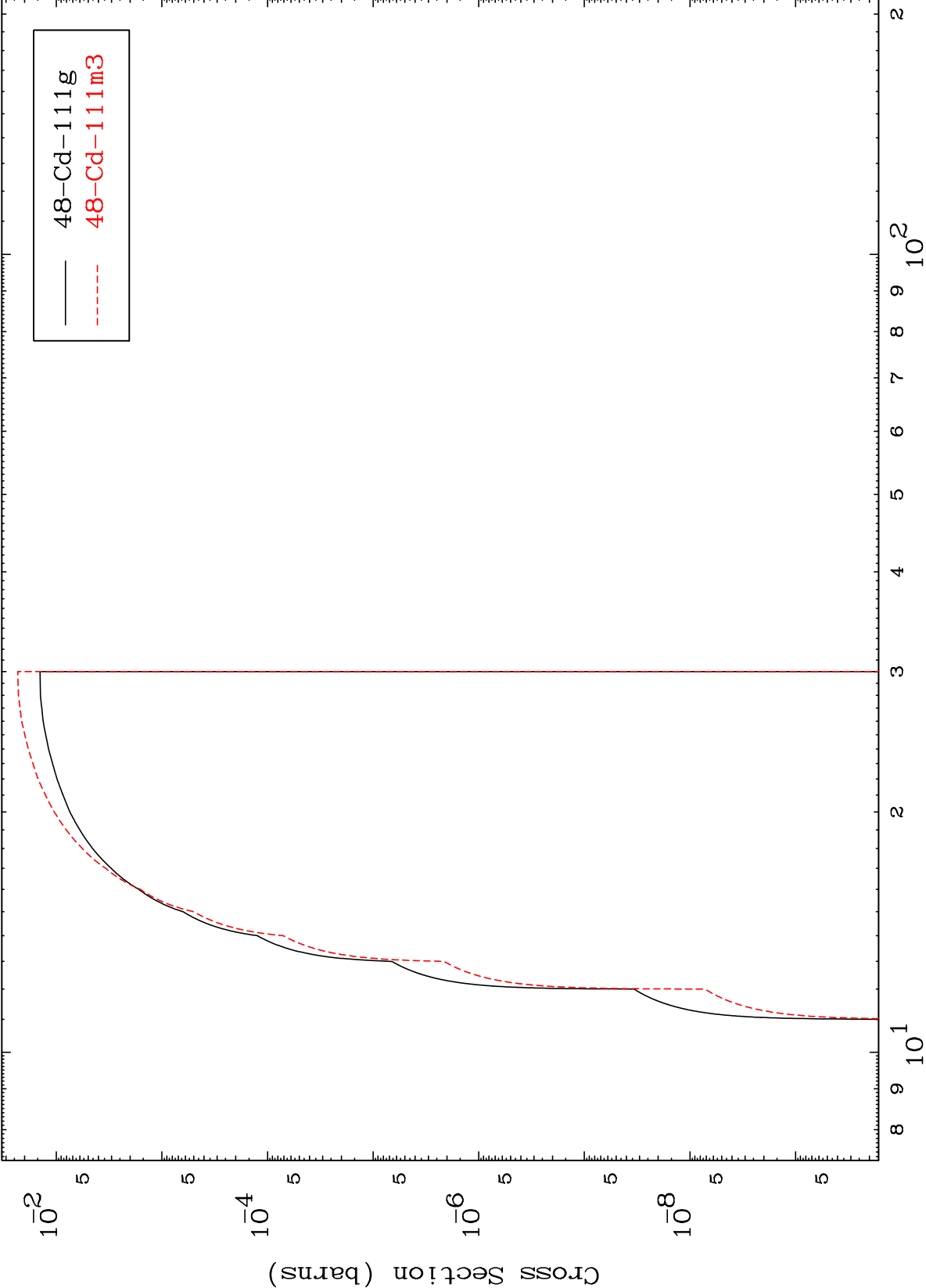
47-Ag-111

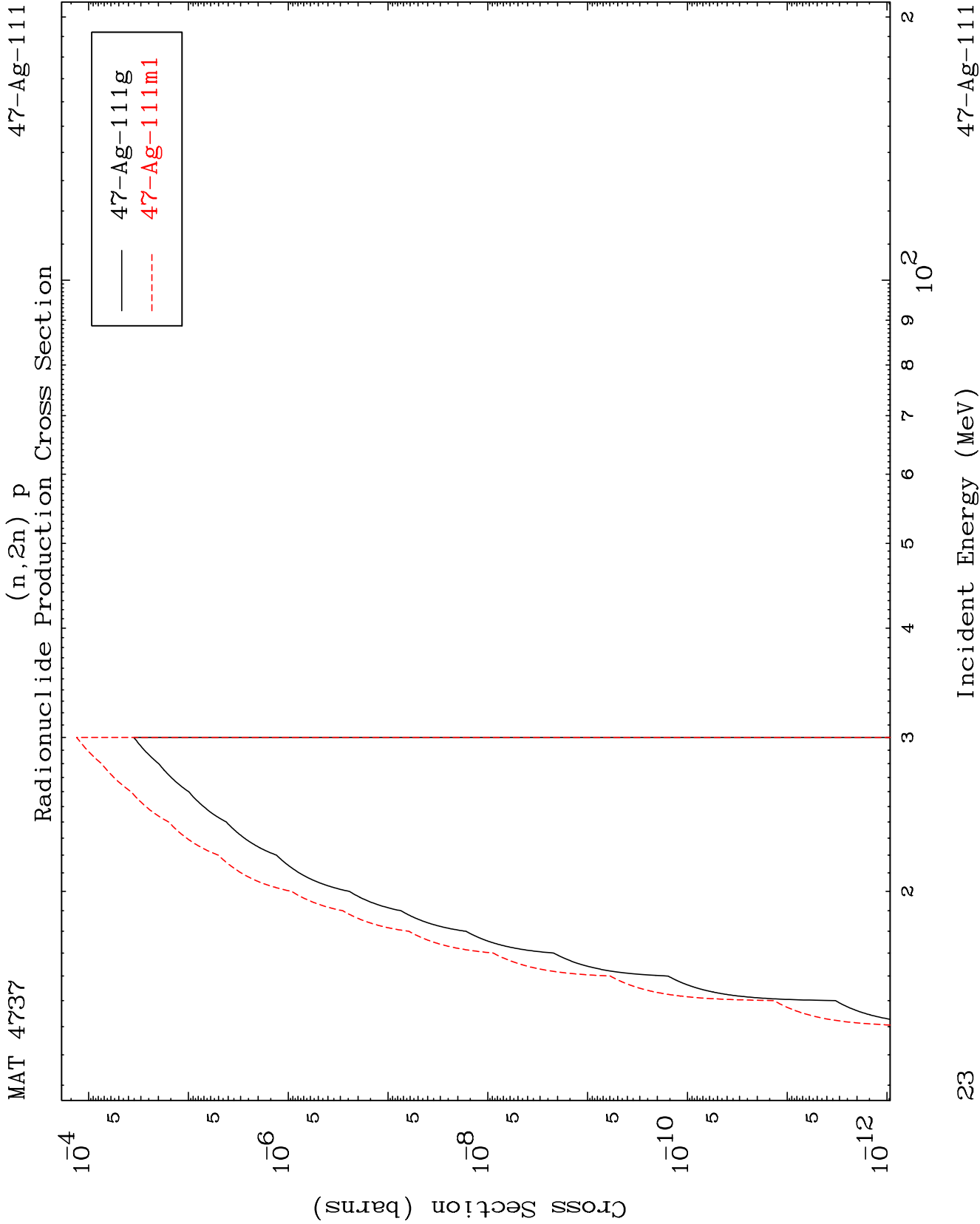
Radionuclide Production Cross Section

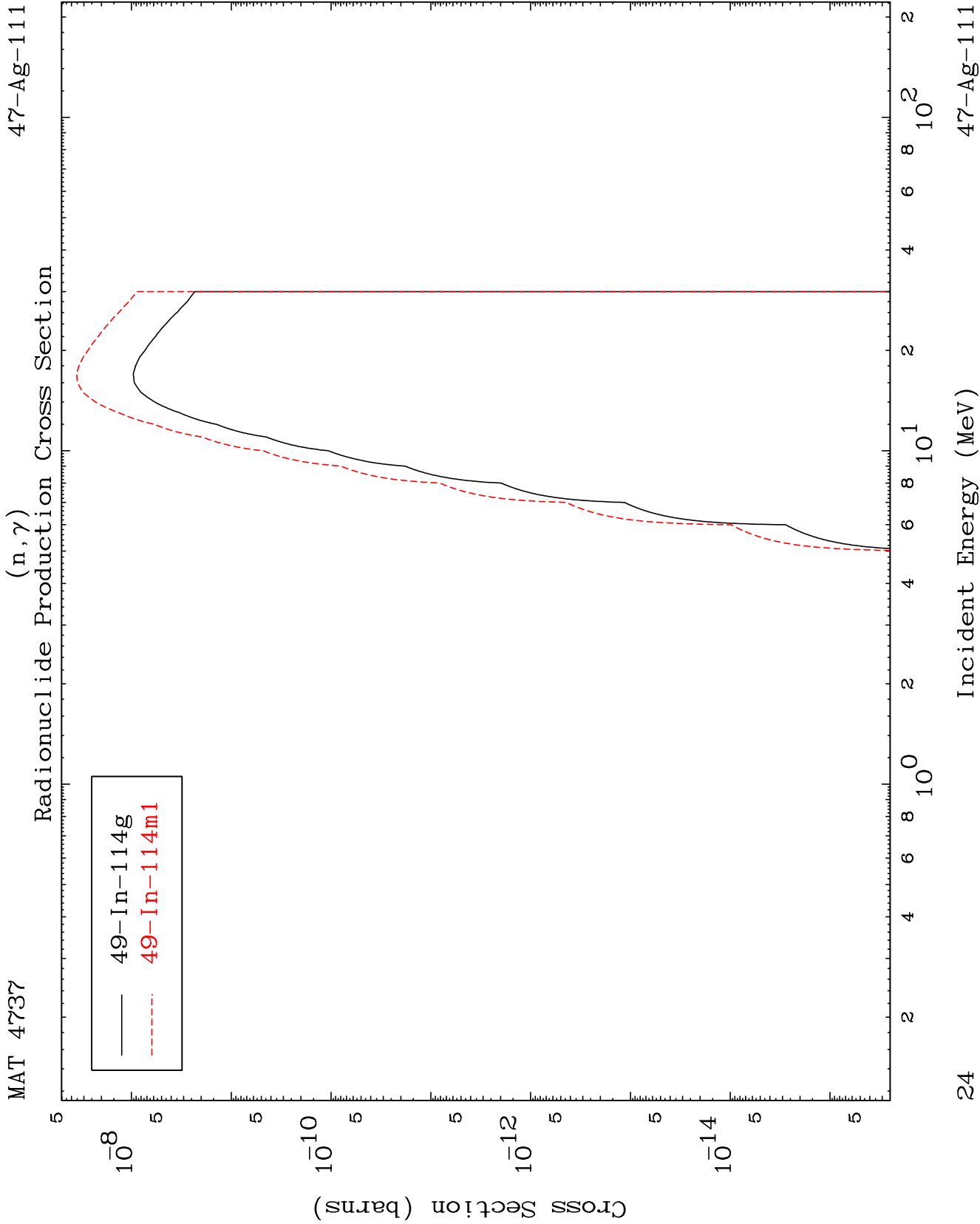




(n,2n) p
Radionuclide Production Cross Section



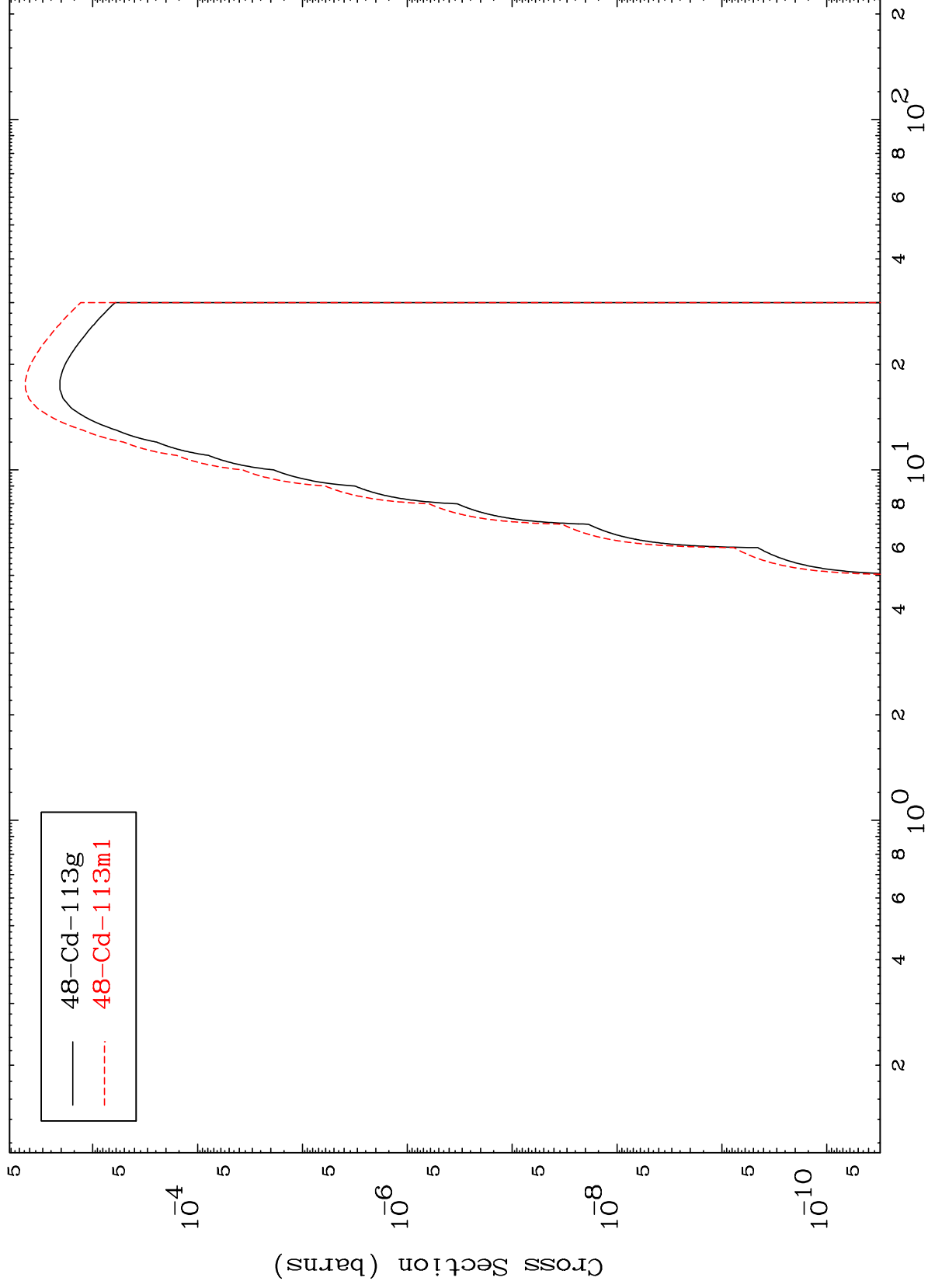




MAT 4737

47-Ag-111

(n,p)
Radionuclide Production Cross Section

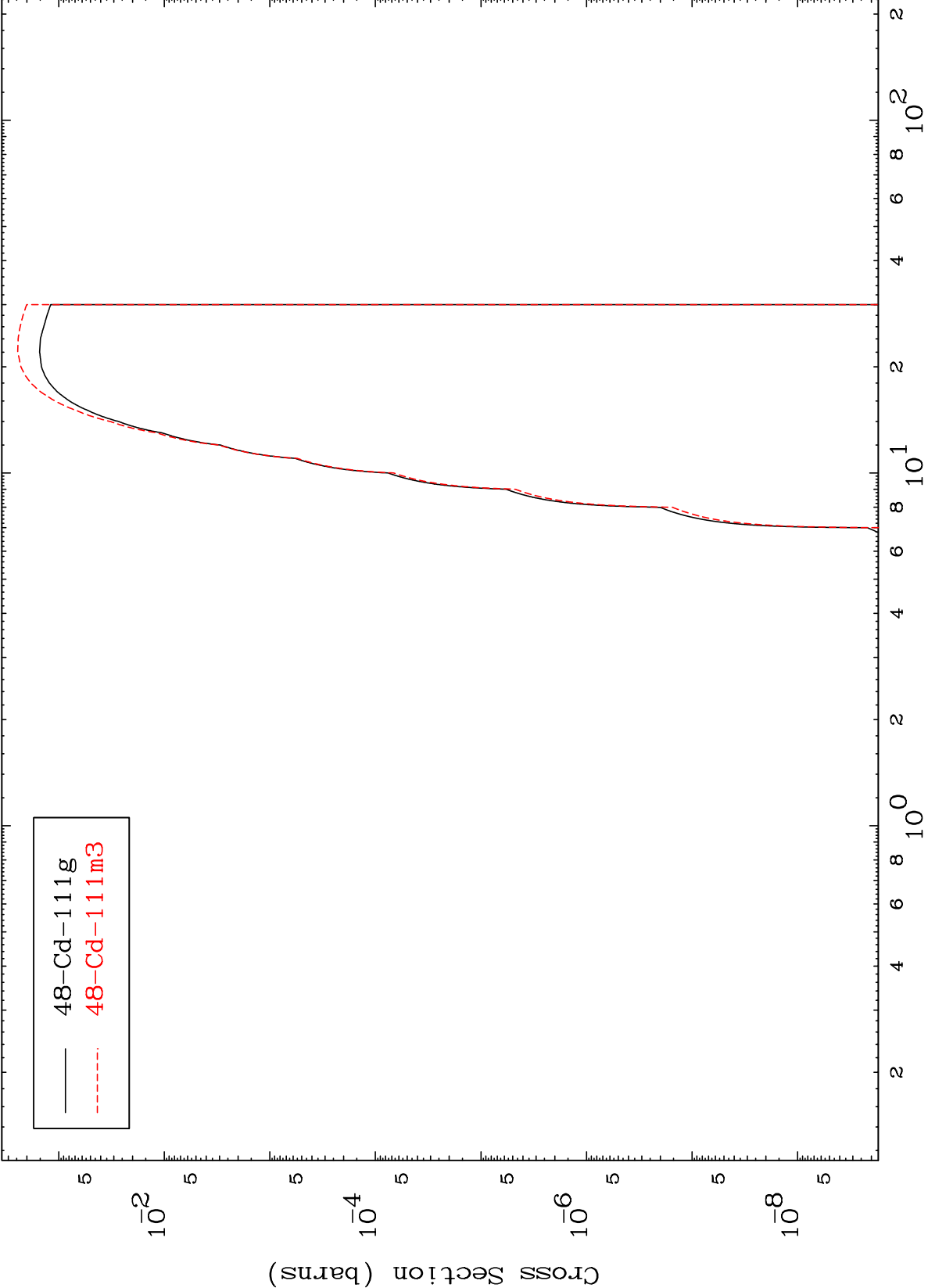


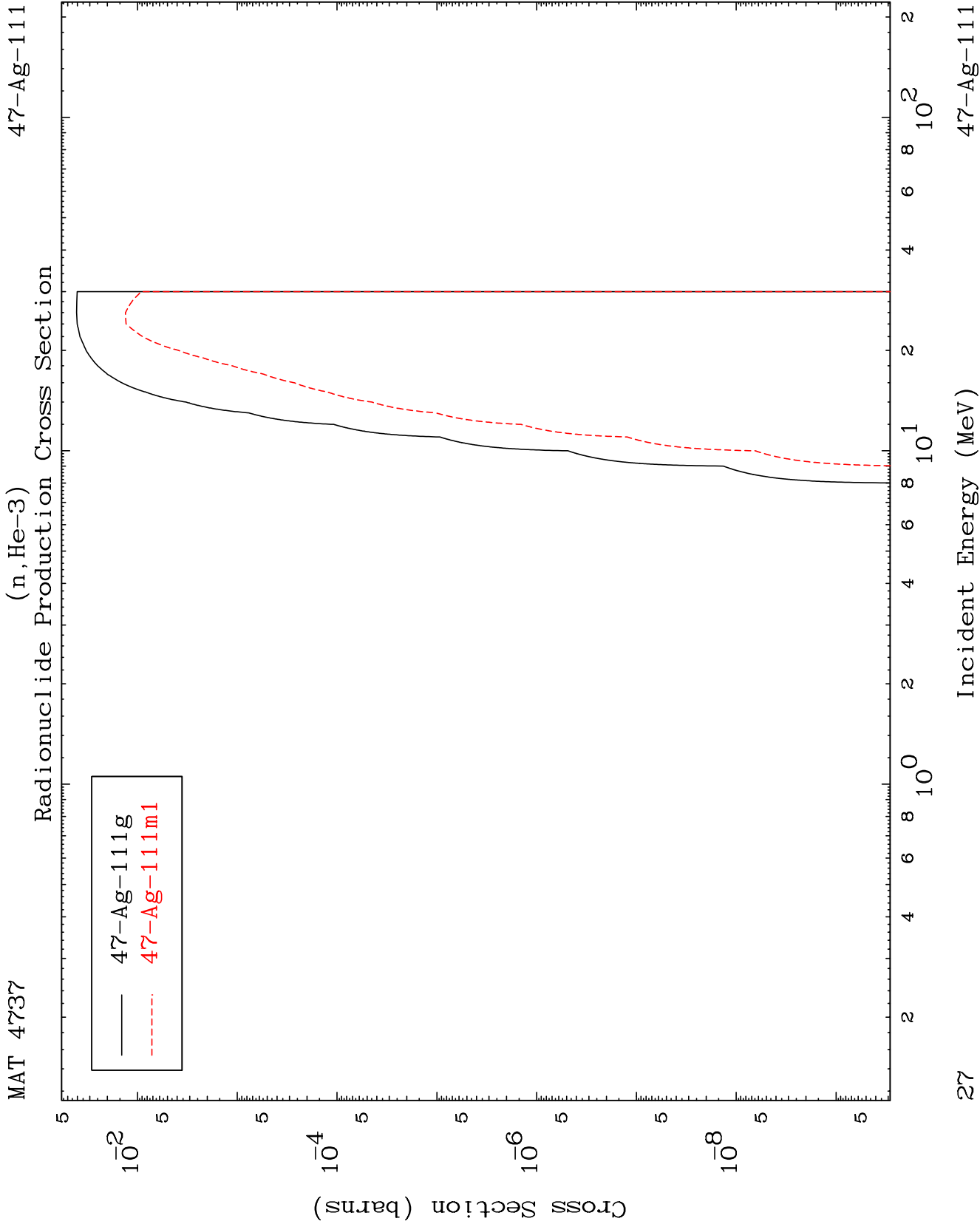
25

Incident Energy (MeV)

47-Ag-111

(n,t)
Radionuclide Production Cross Section

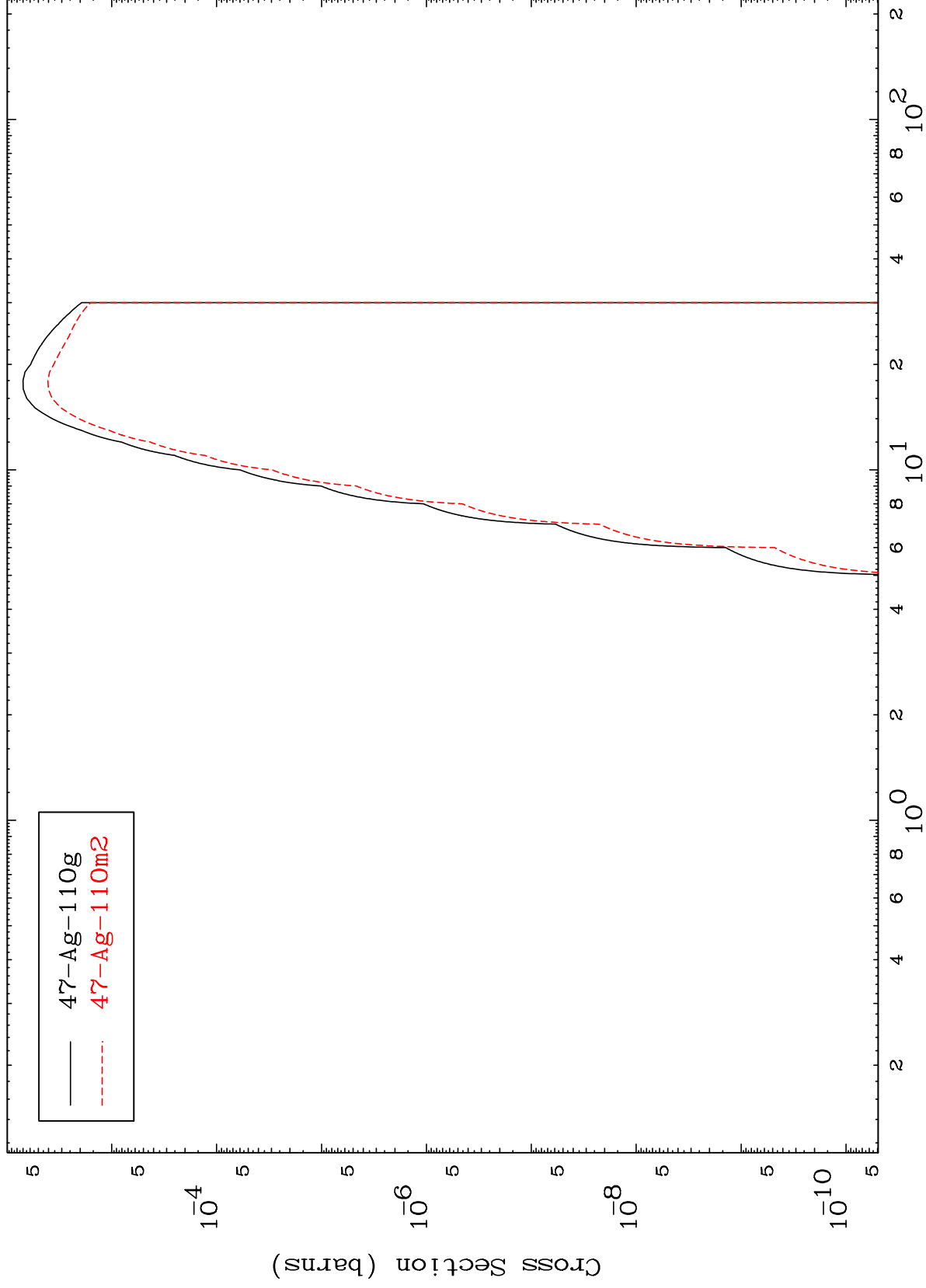




MAT 4737

47-Ag-111

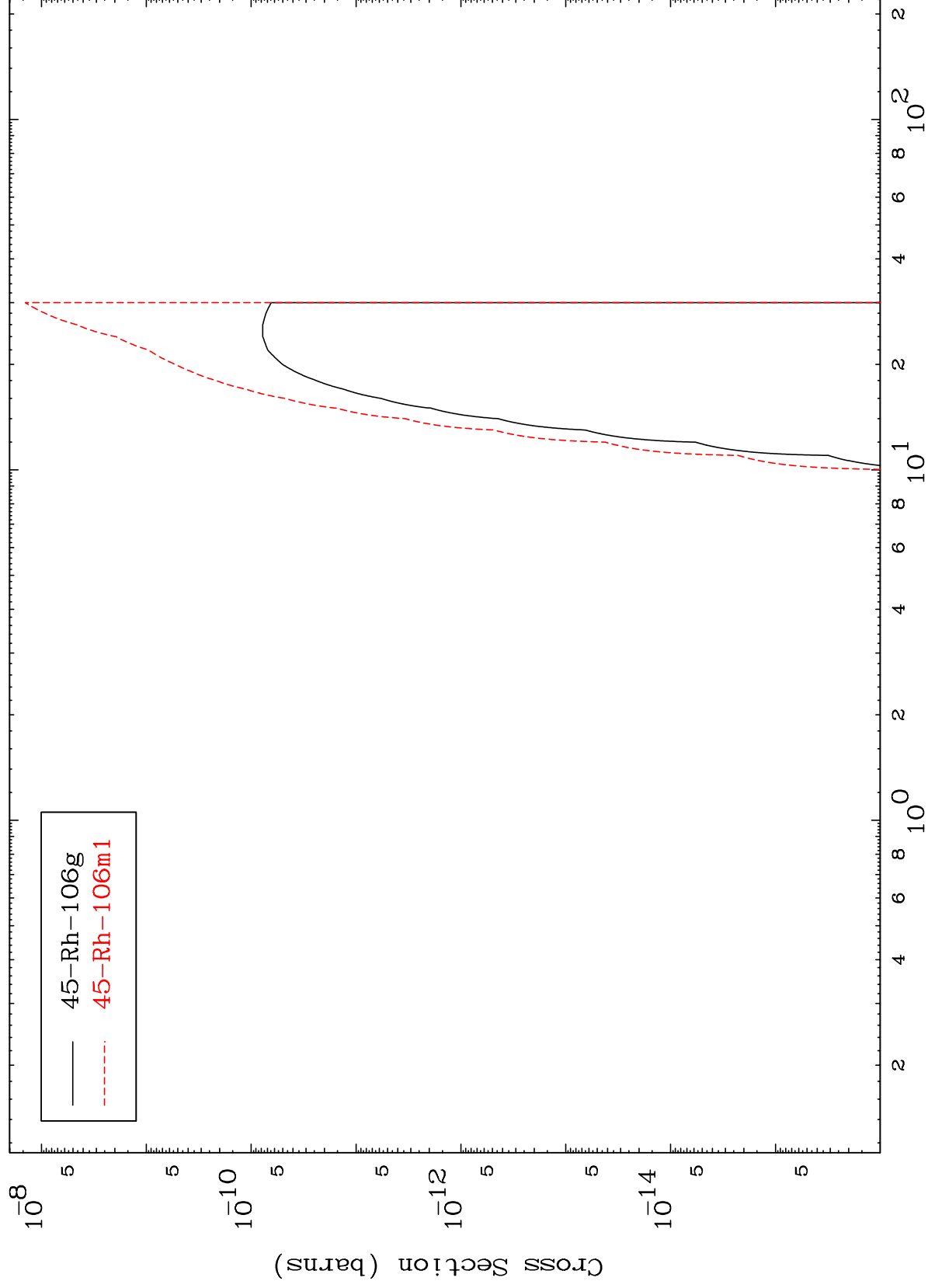
Radionuclide Production Cross Section



28

47-Ag-111

Radionuclide Production Cross Section
(n,2α)

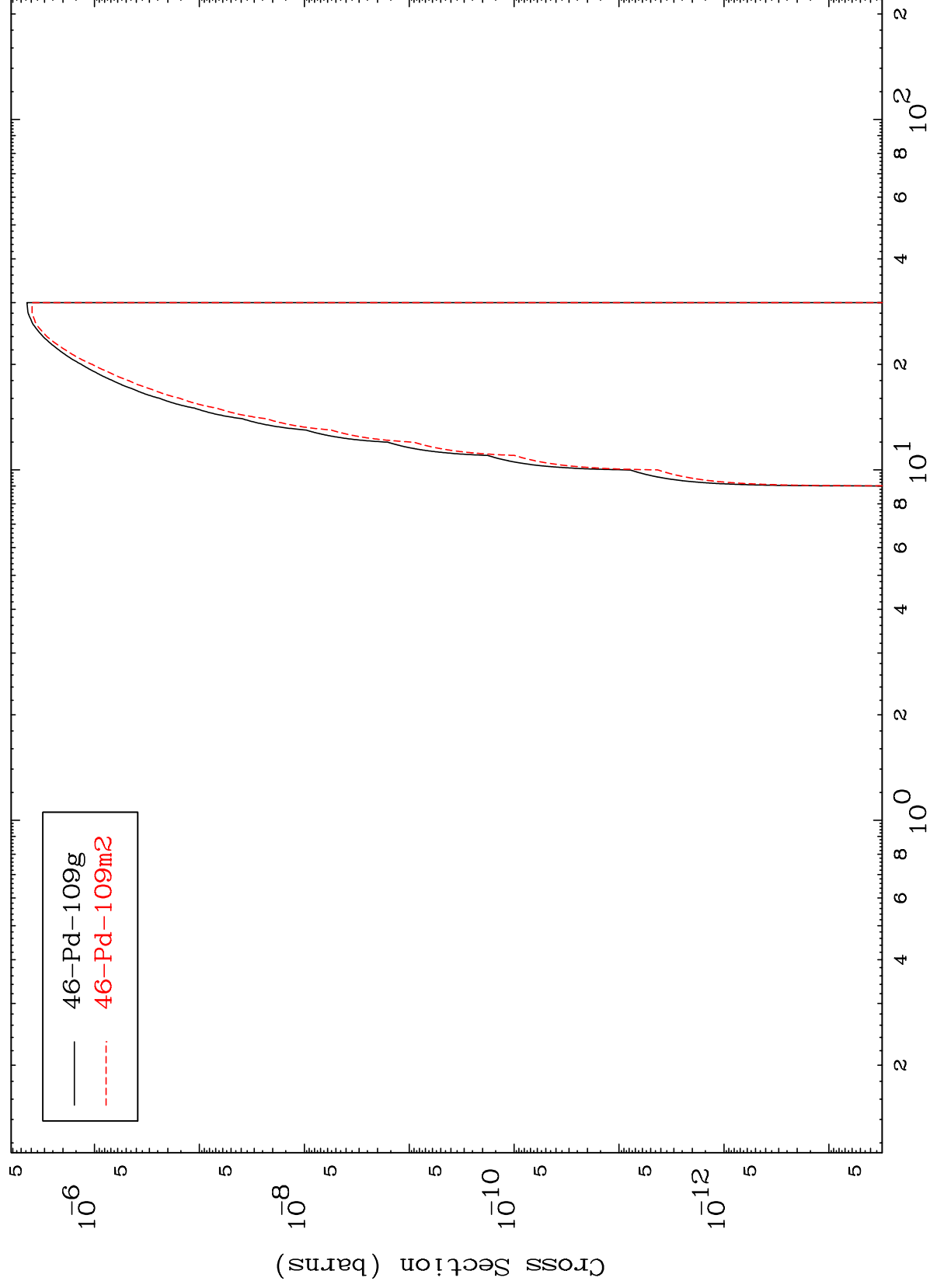


MAT 4737

(n,p) α

47-Ag-111

Radionuclide Production Cross Section



30

Incident Energy (MeV)

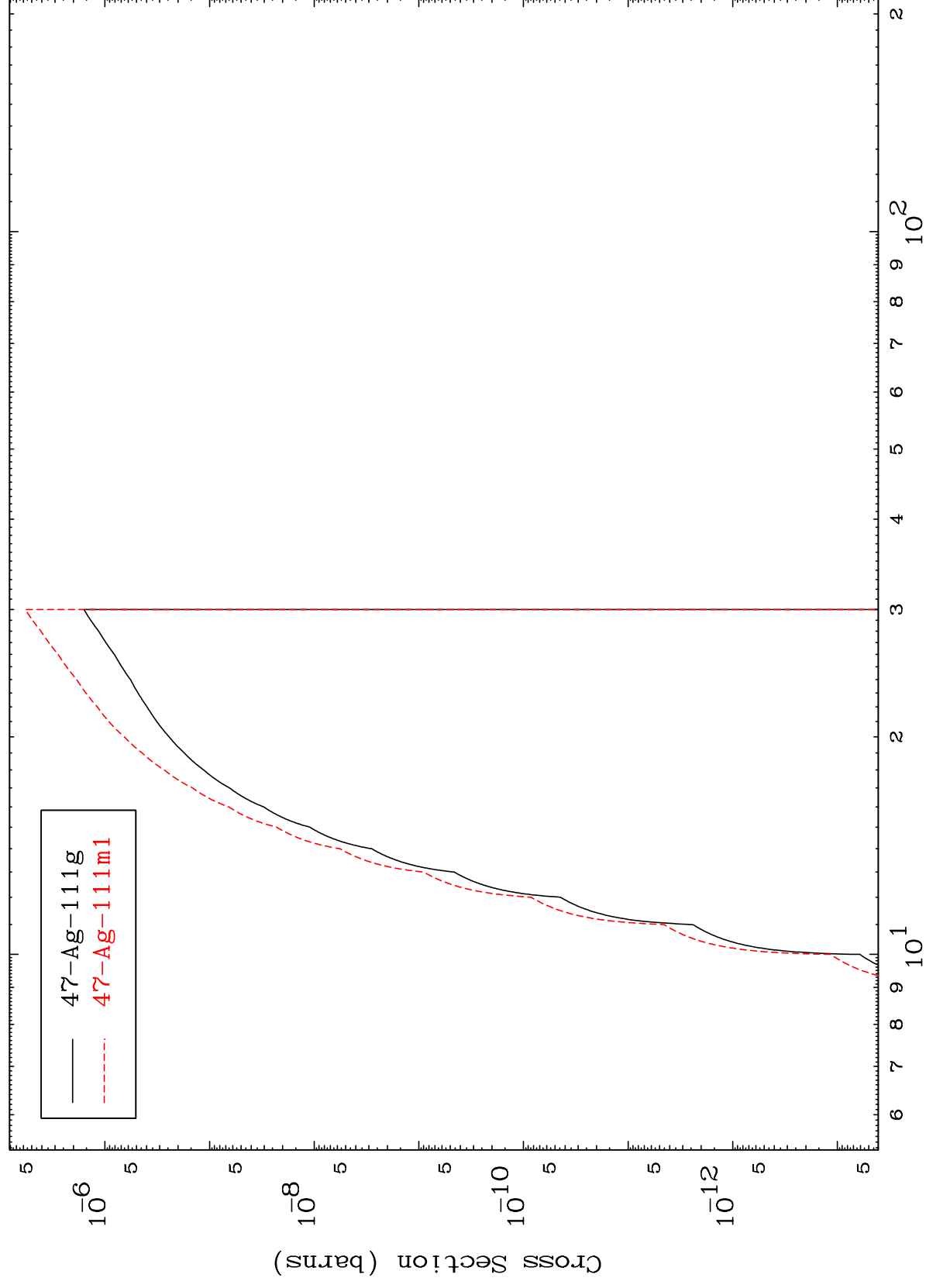
47-Ag-111

MAT 4737

47-Ag-111

$$(n, p) \text{ d}$$

Radionuclide Production Cross Section



31

Incident Energy (MeV)

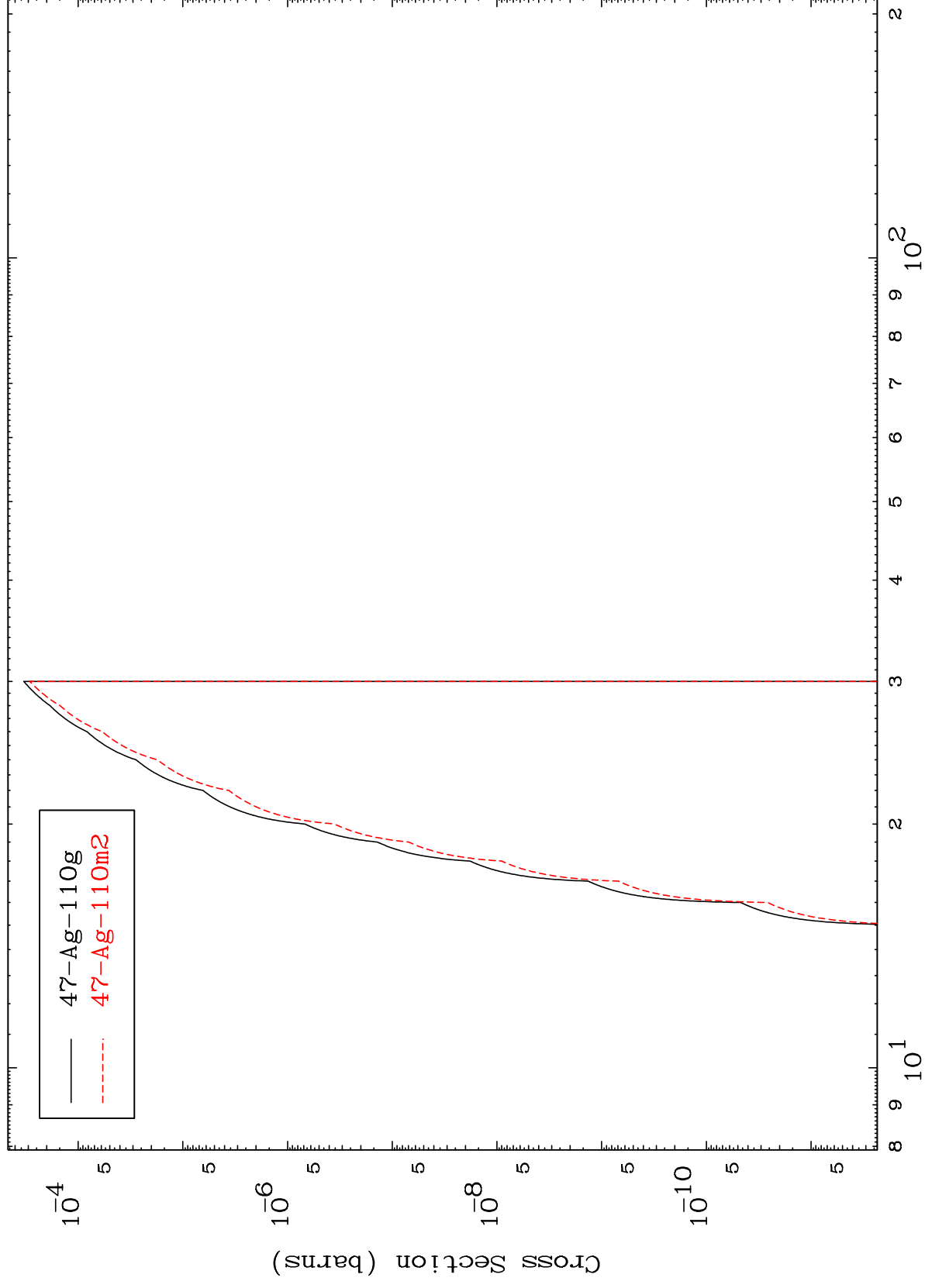
47-Ag-111

MAT 4737

$$t_{(n,p)}$$

47-Ag-111

Radionuclide Production Cross Section



32

Incident Energy (MeV)

47-Ag-111