

Program EVALPLOT
(Version 2021-1)

by

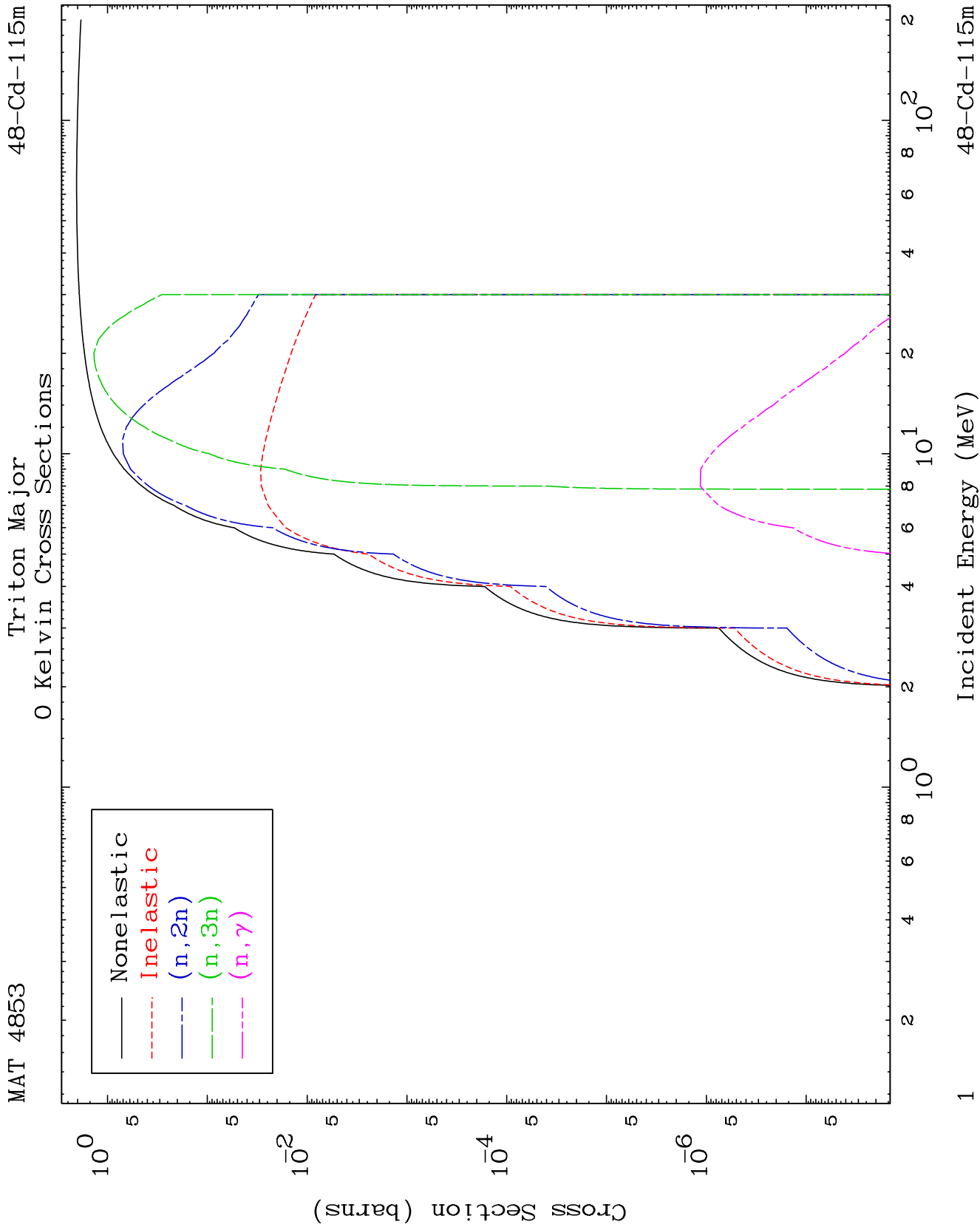
Dermott E. Cullen
(Present Contact Information)

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

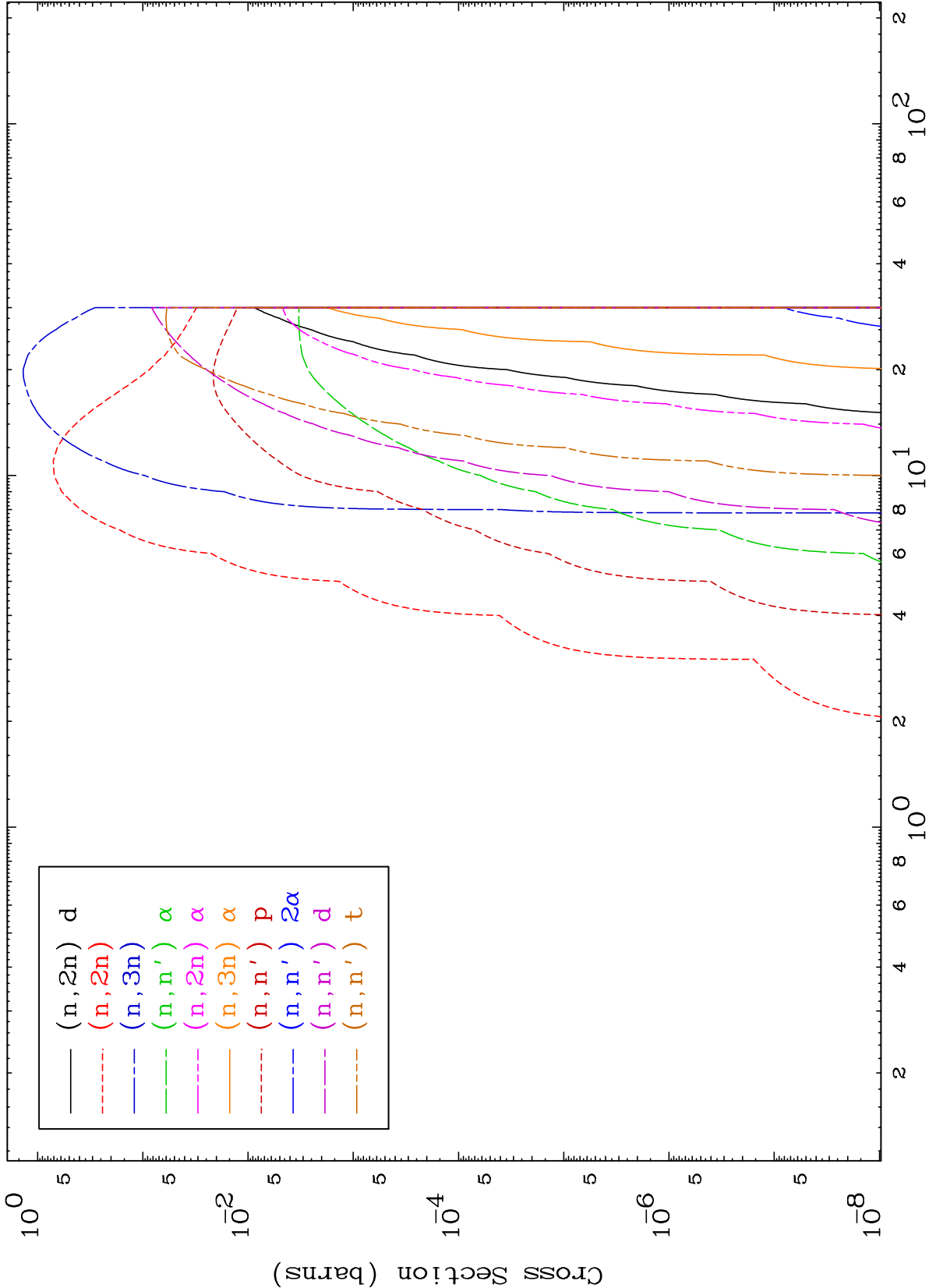
Press Mouse Button to Start

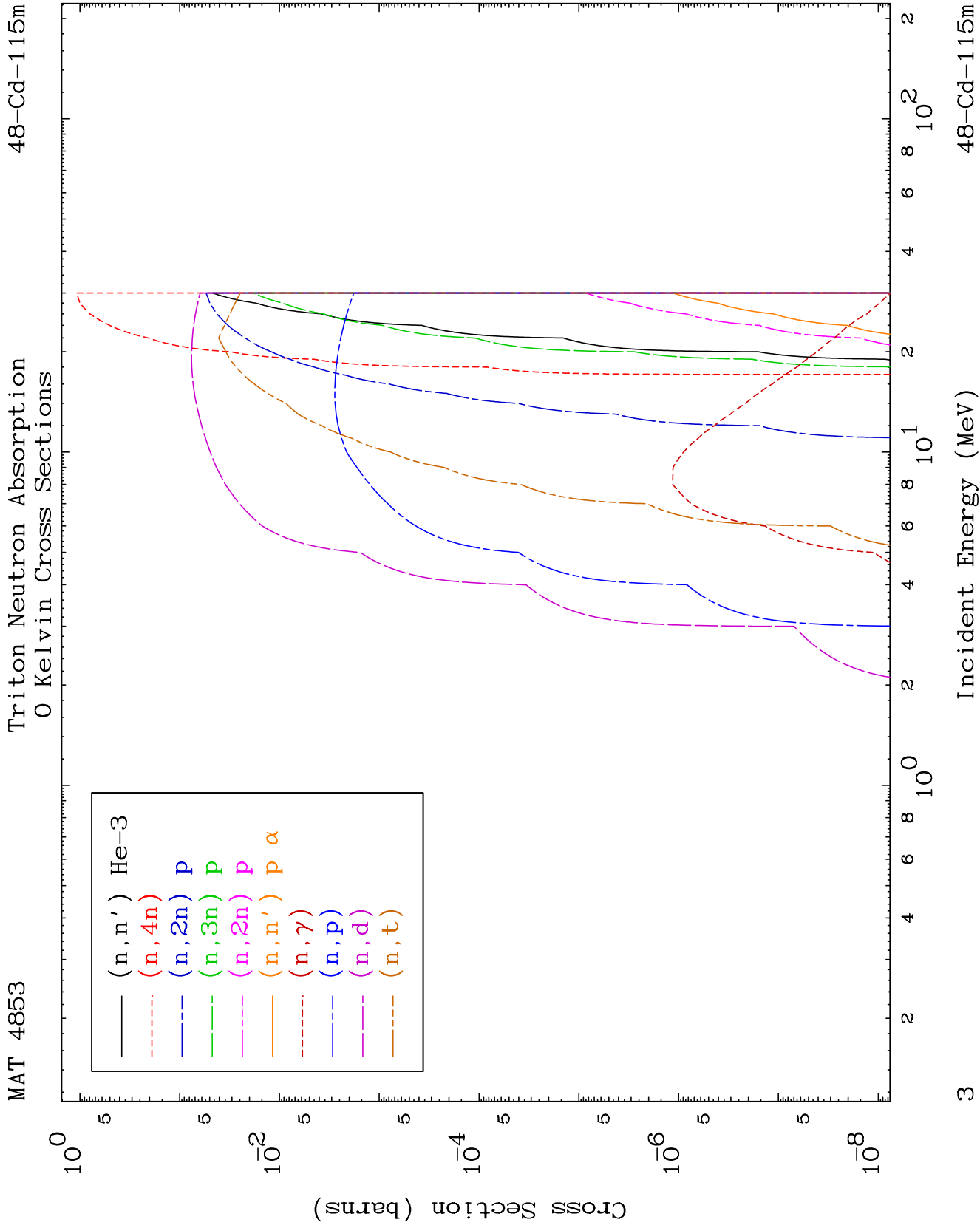


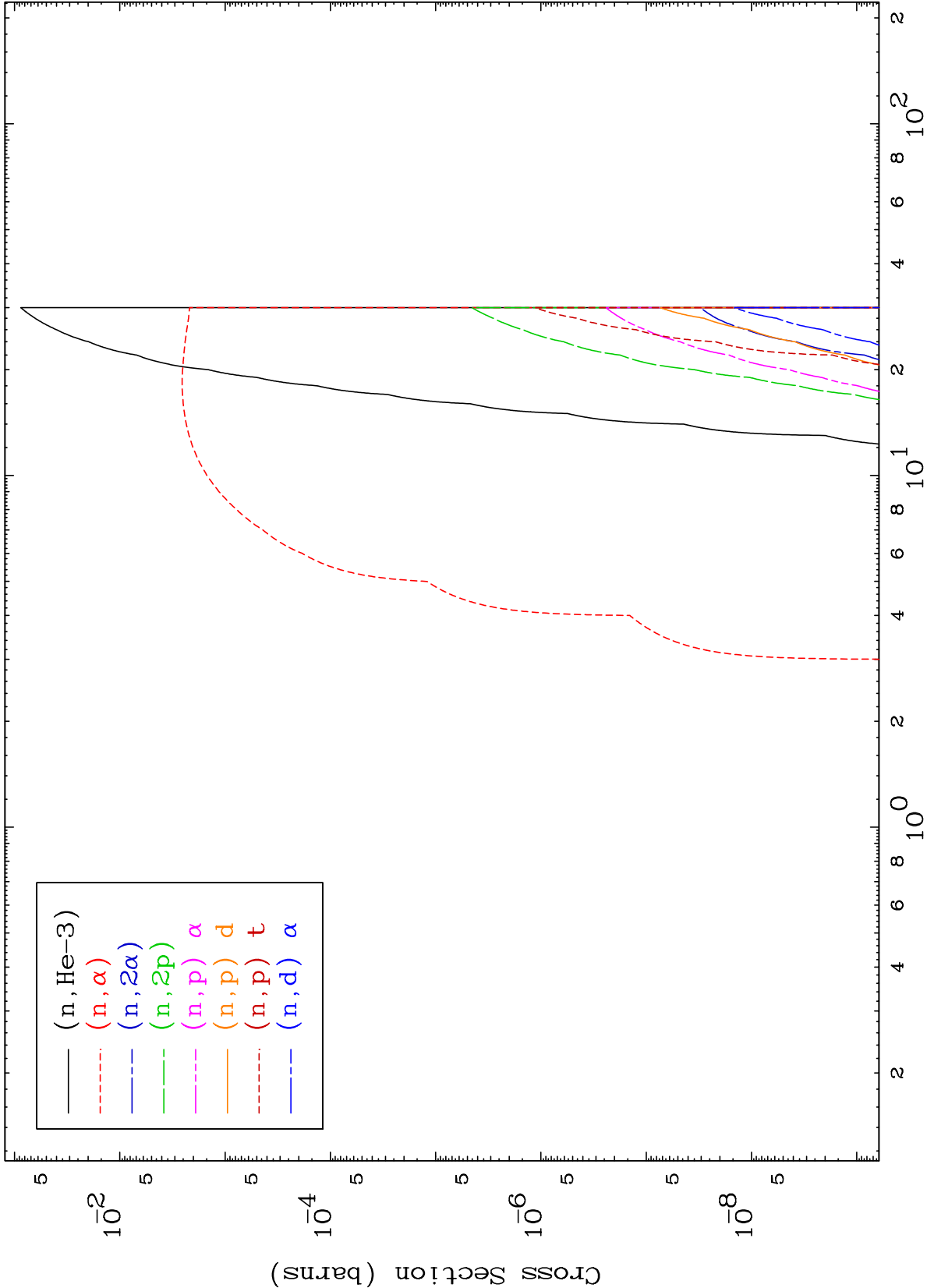
MAT 4853

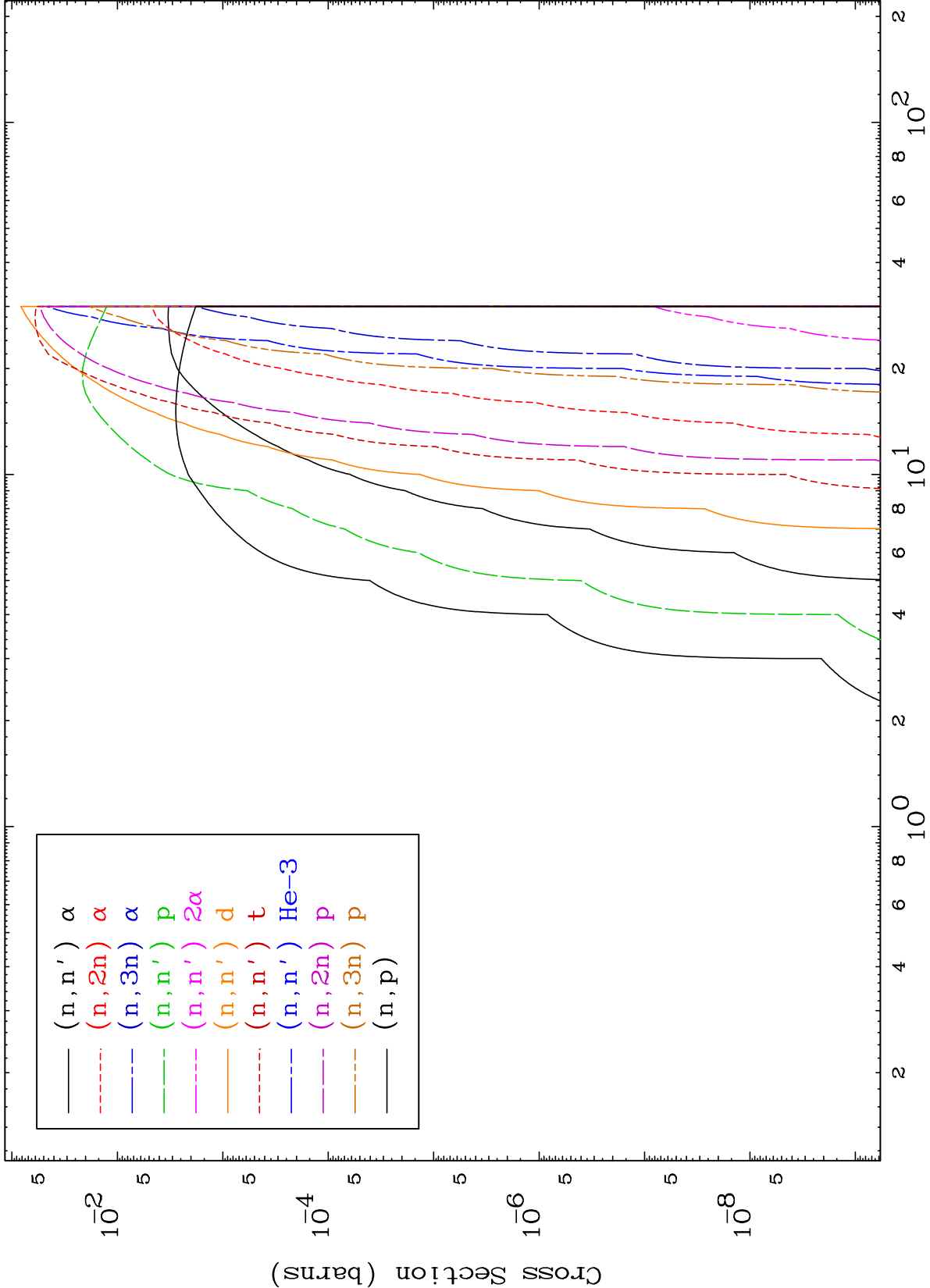
Triton Neutron Absorption
0 Kelvin Cross Sections

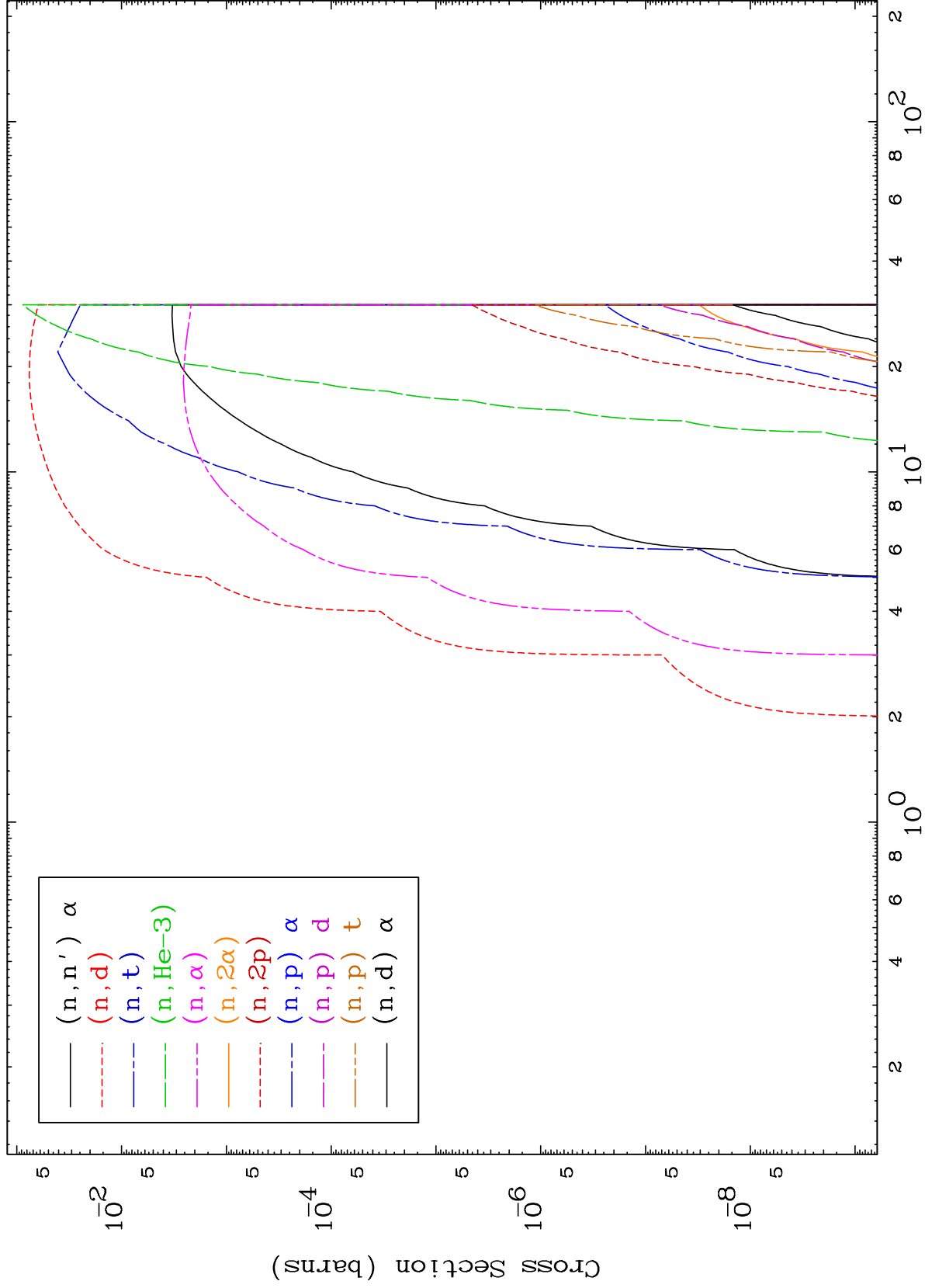
48-Cd-115m







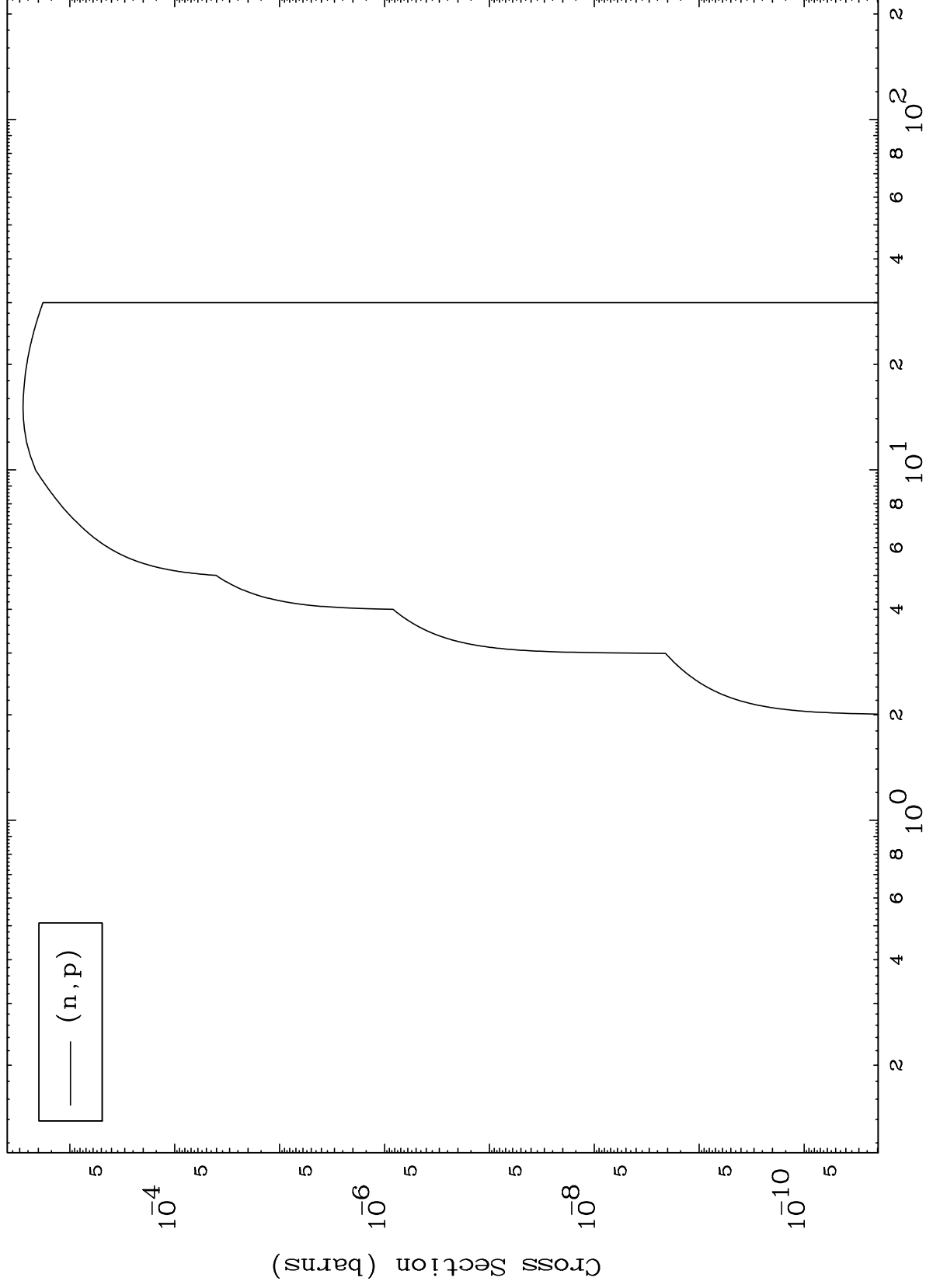




MAT 4853

48-Cd-115m

(t,p) Levels
0 Kelvin Cross Sections



48-Cd-115m

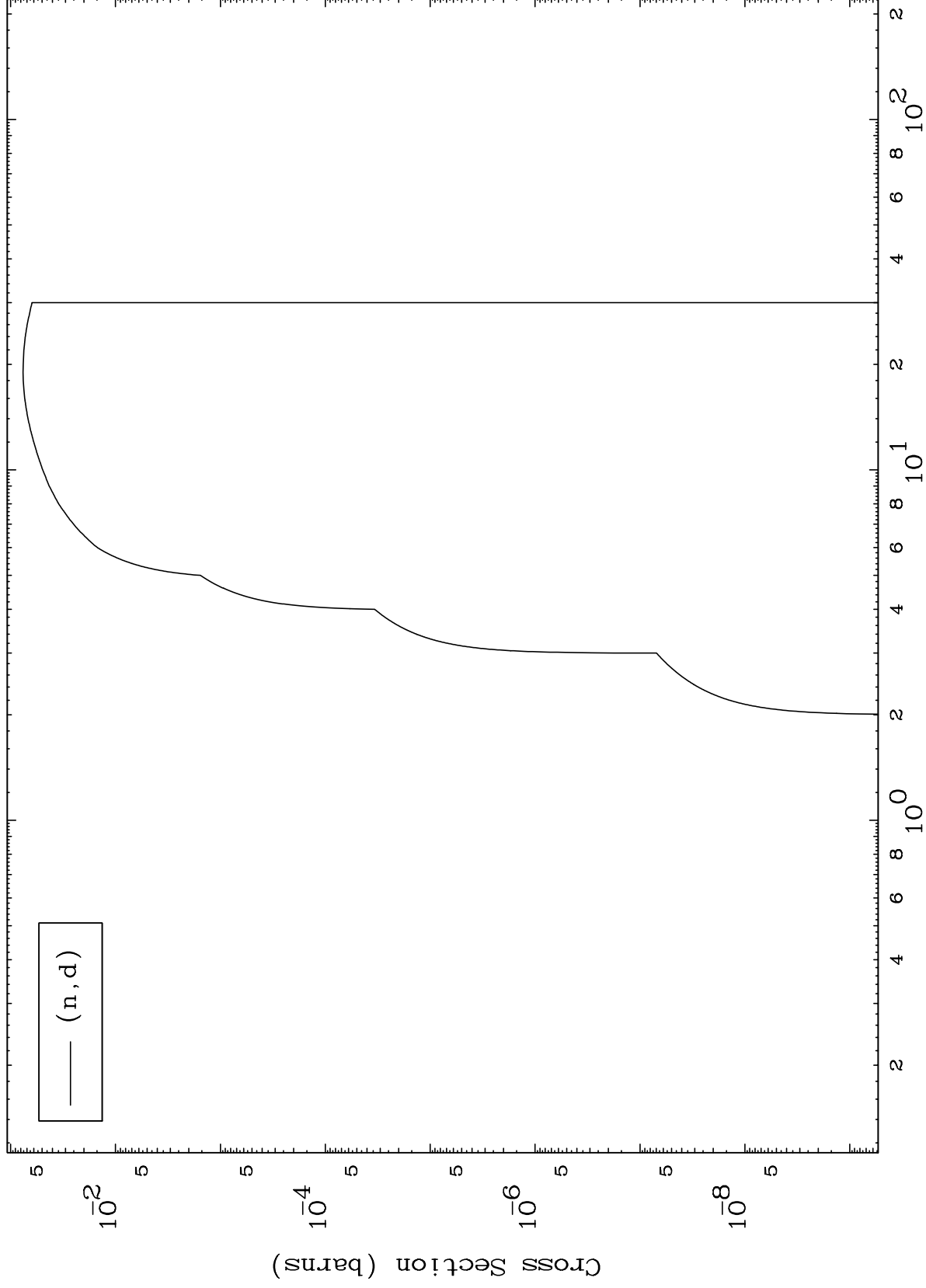
Incident Energy (MeV)

7

MAT 4853

48-Cd-115m

(t,d) Levels
0 Kelvin Cross Sections



48-Cd-115m

Incident Energy (MeV)

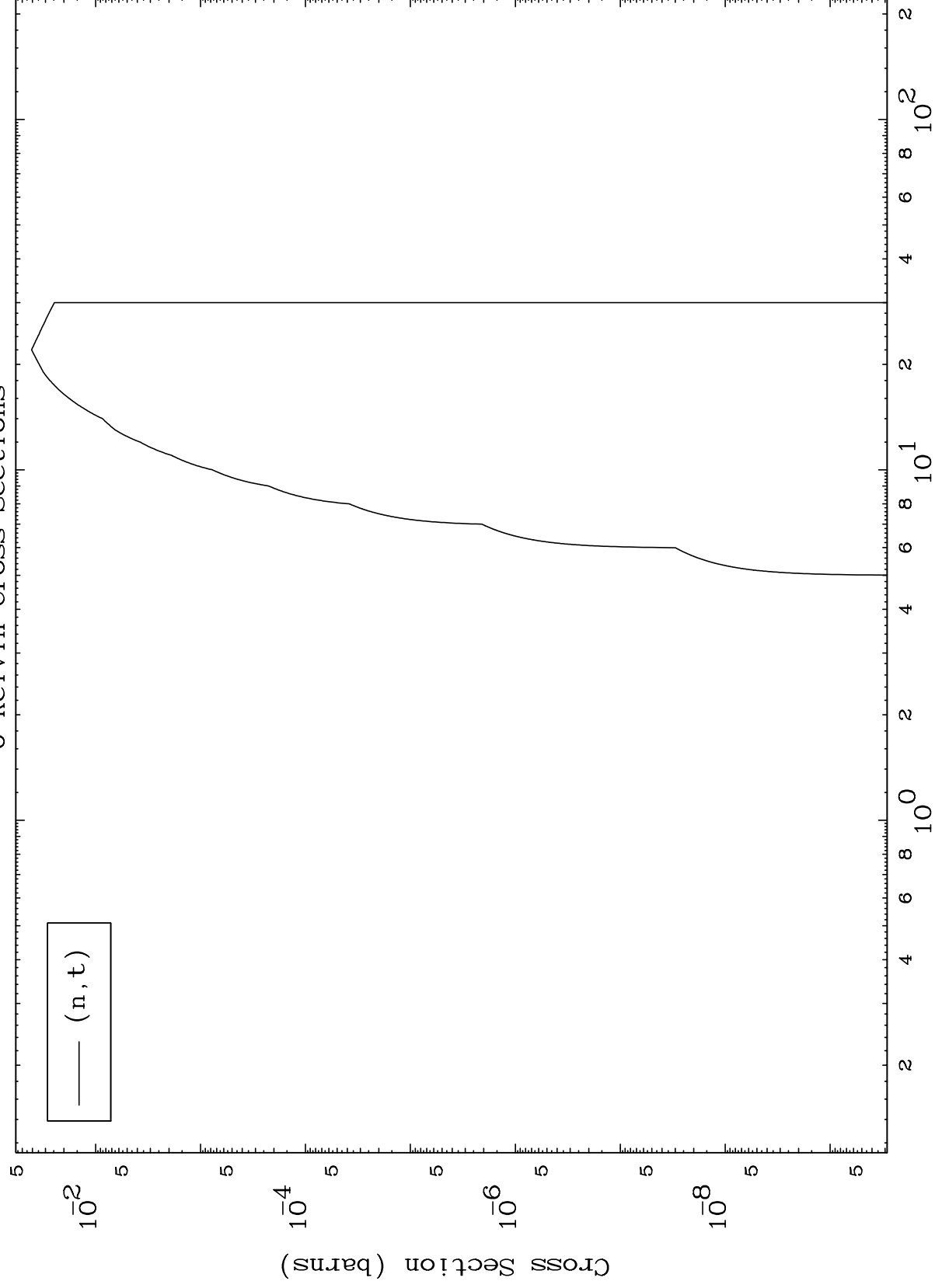
8

MAT 4853

(t,t) Levels

48-Cd-115m

0 Kelvin Cross Sections



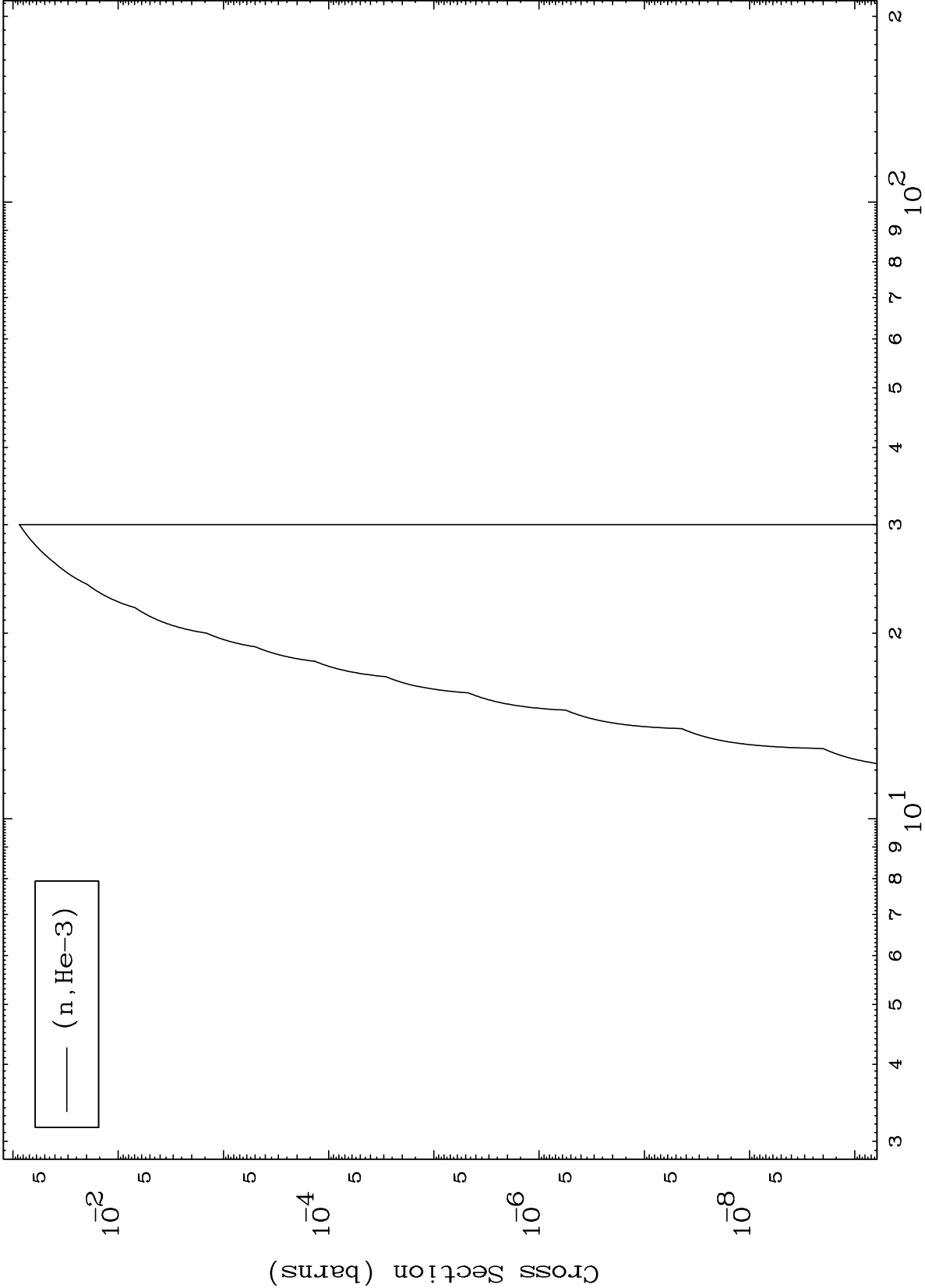
— (n,t)

MAT 4853

(t,He3) Levels

48-Cd-115m

0 Kelvin Cross Sections



— (n, He-3)

10

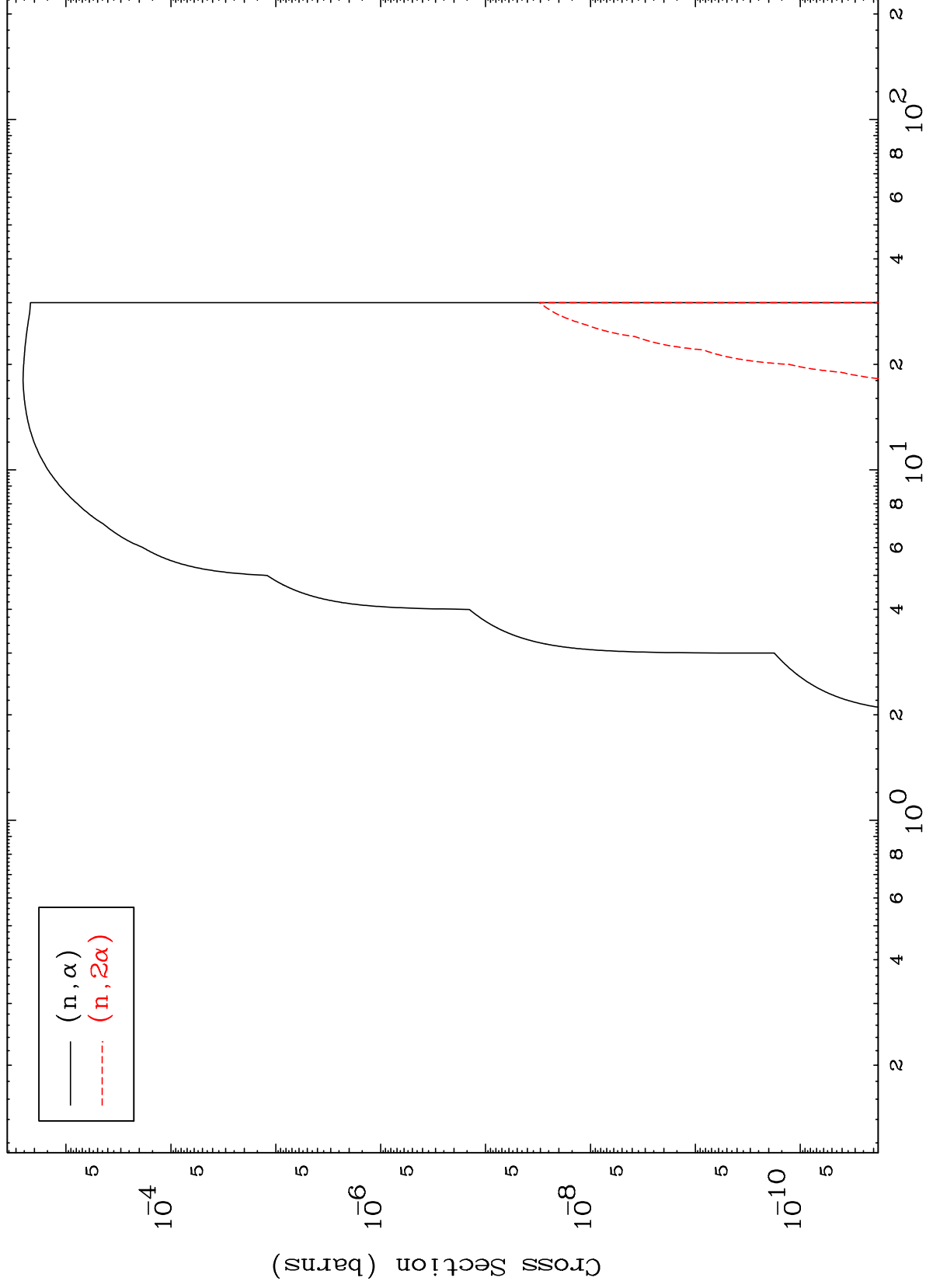
Incident Energy (MeV)

48-Cd-115m

MAT 4853

48-Cd-115m

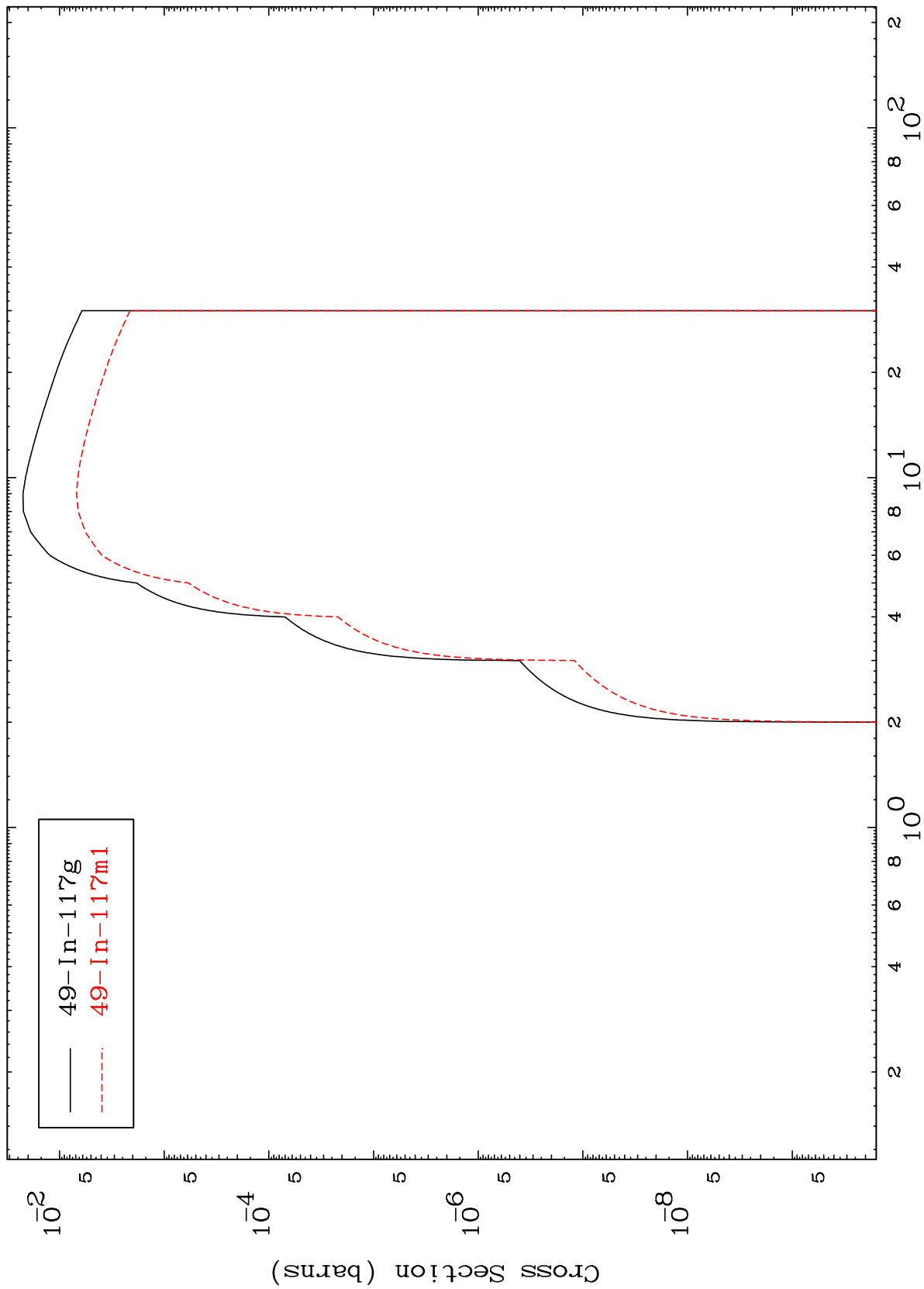
(t, α) Levels
0 Kelvin Cross Sections



MAT 4853

48-Cd-115m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

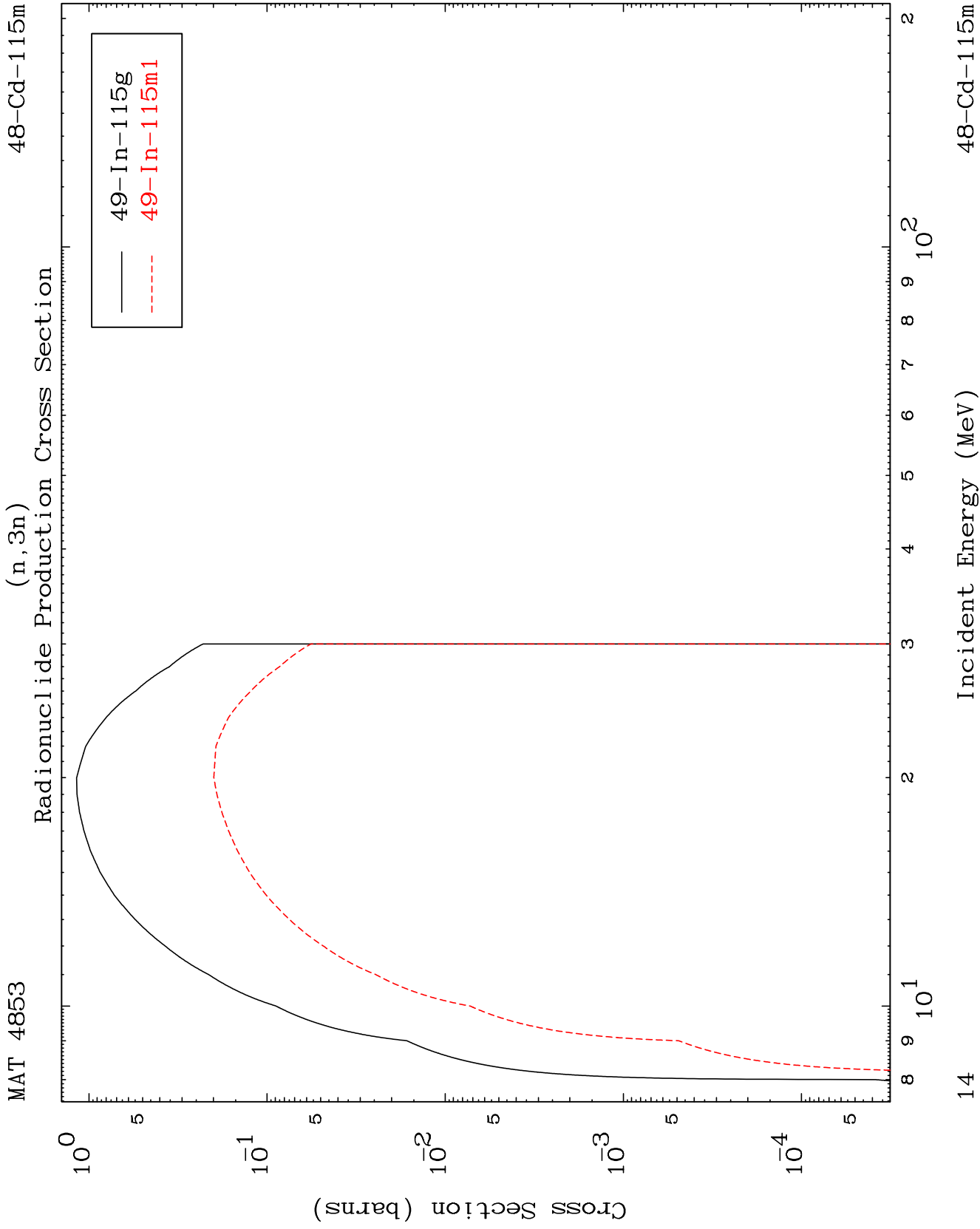
48-Cd-115m

48-Cd-115m

$$(n, 2n)$$

Incident Energy (MeV)

48-Cd-115m

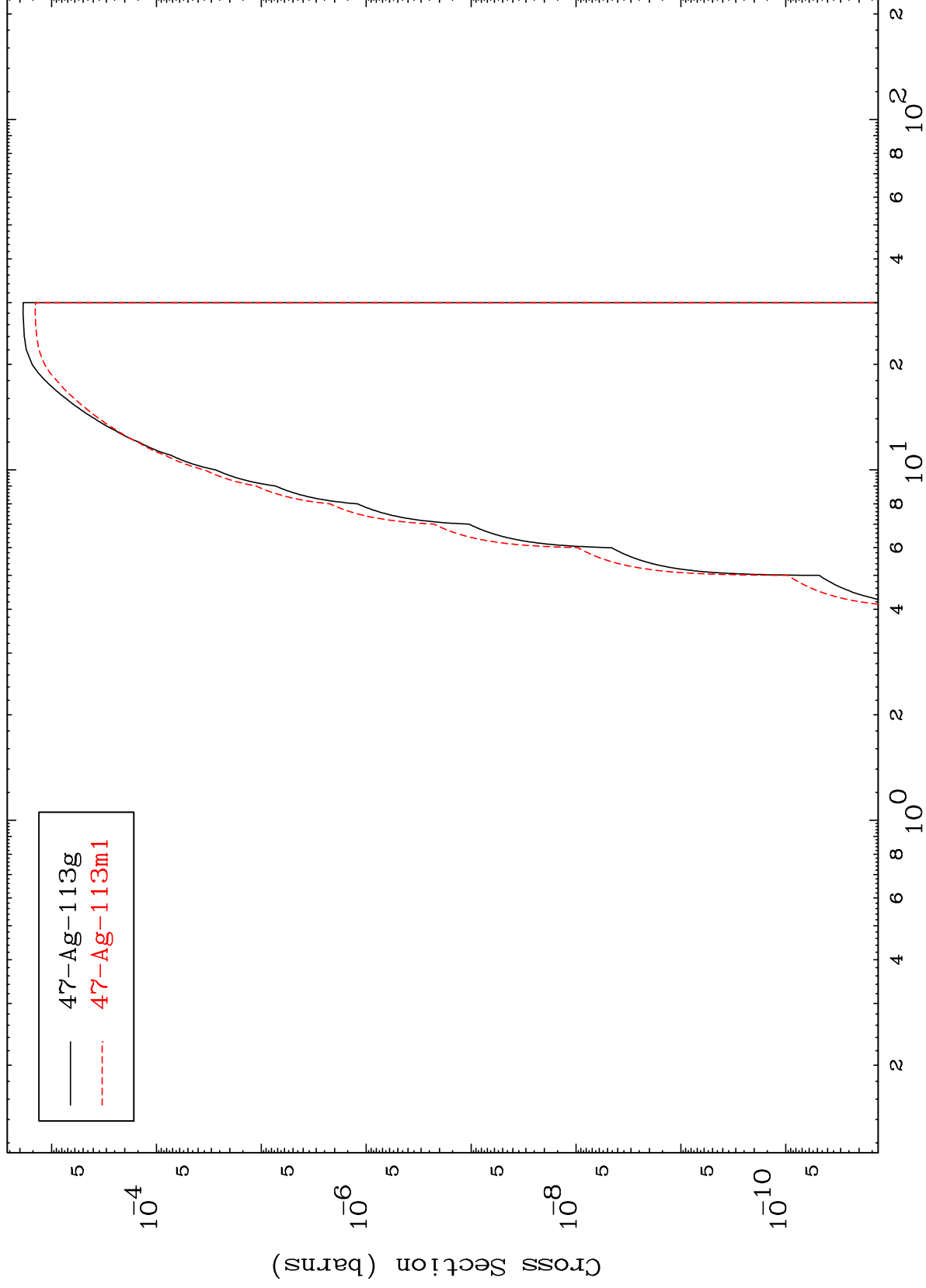


MAT 4853

$(n,n') \alpha$

48-Cd-115m

Radionuclide Production Cross Section



15

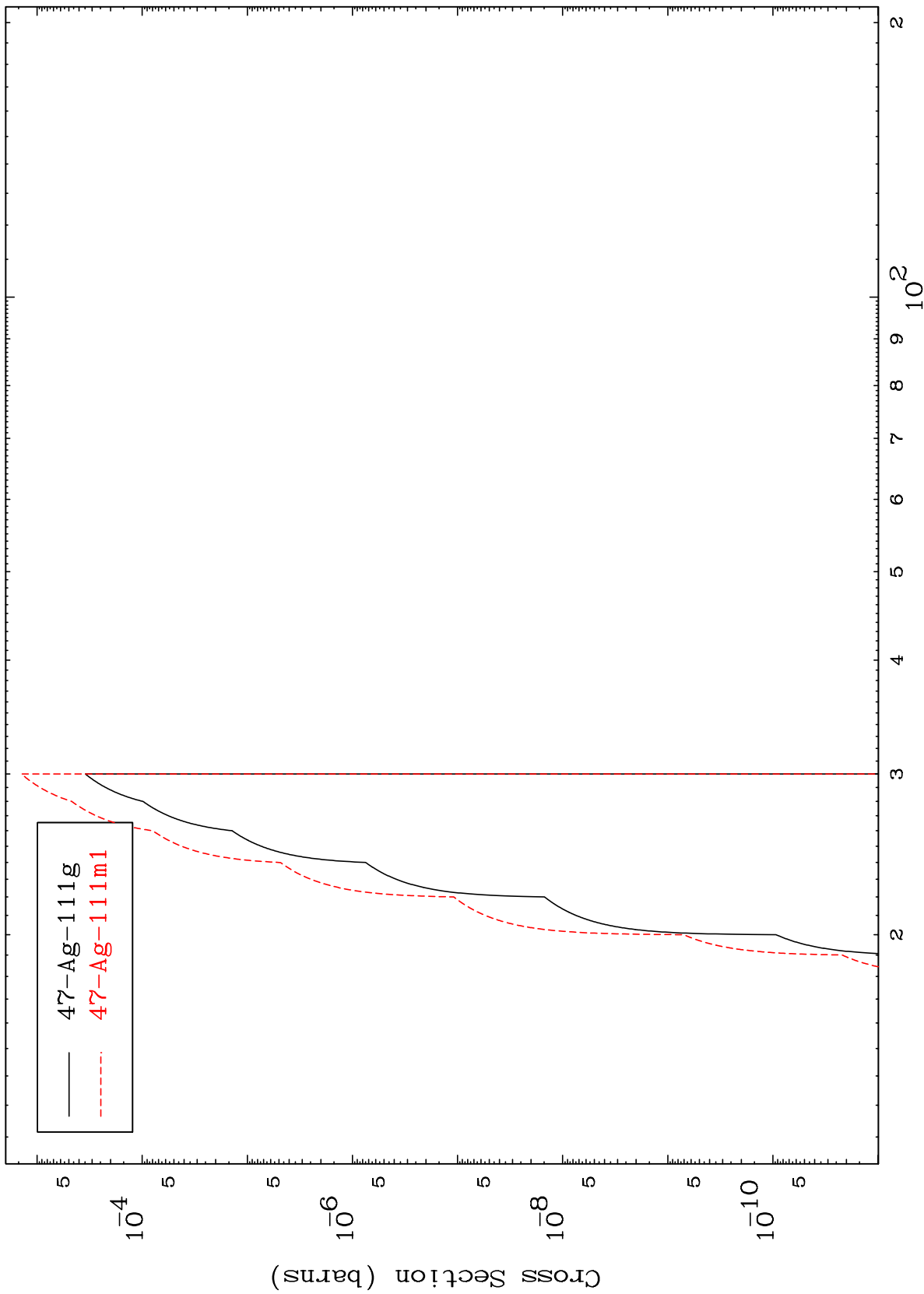
Incident Energy (MeV)

48-Cd-115m

MAT 4853

48-Cd-115m

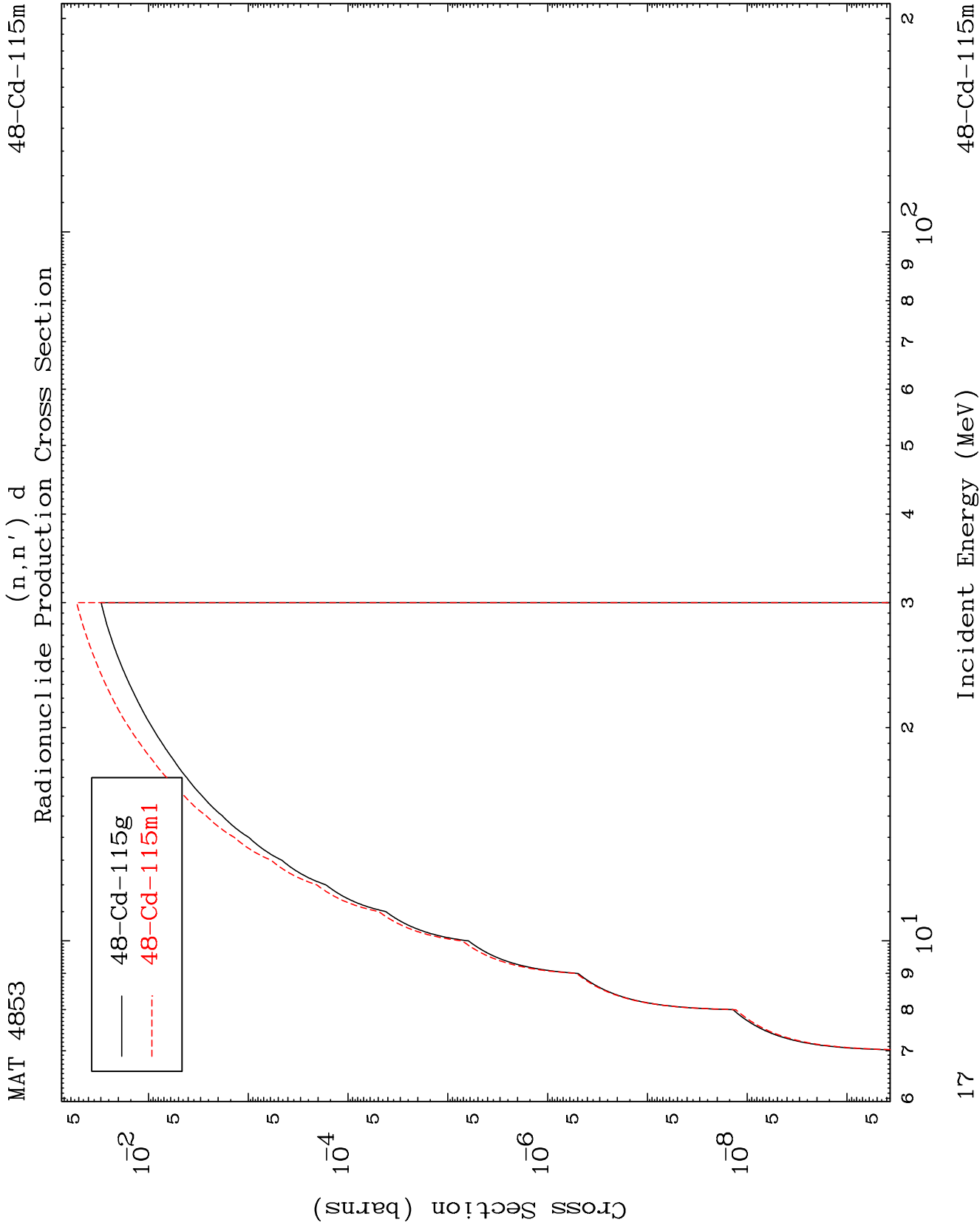
(n,3n) α
Radionuclide Production Cross Section

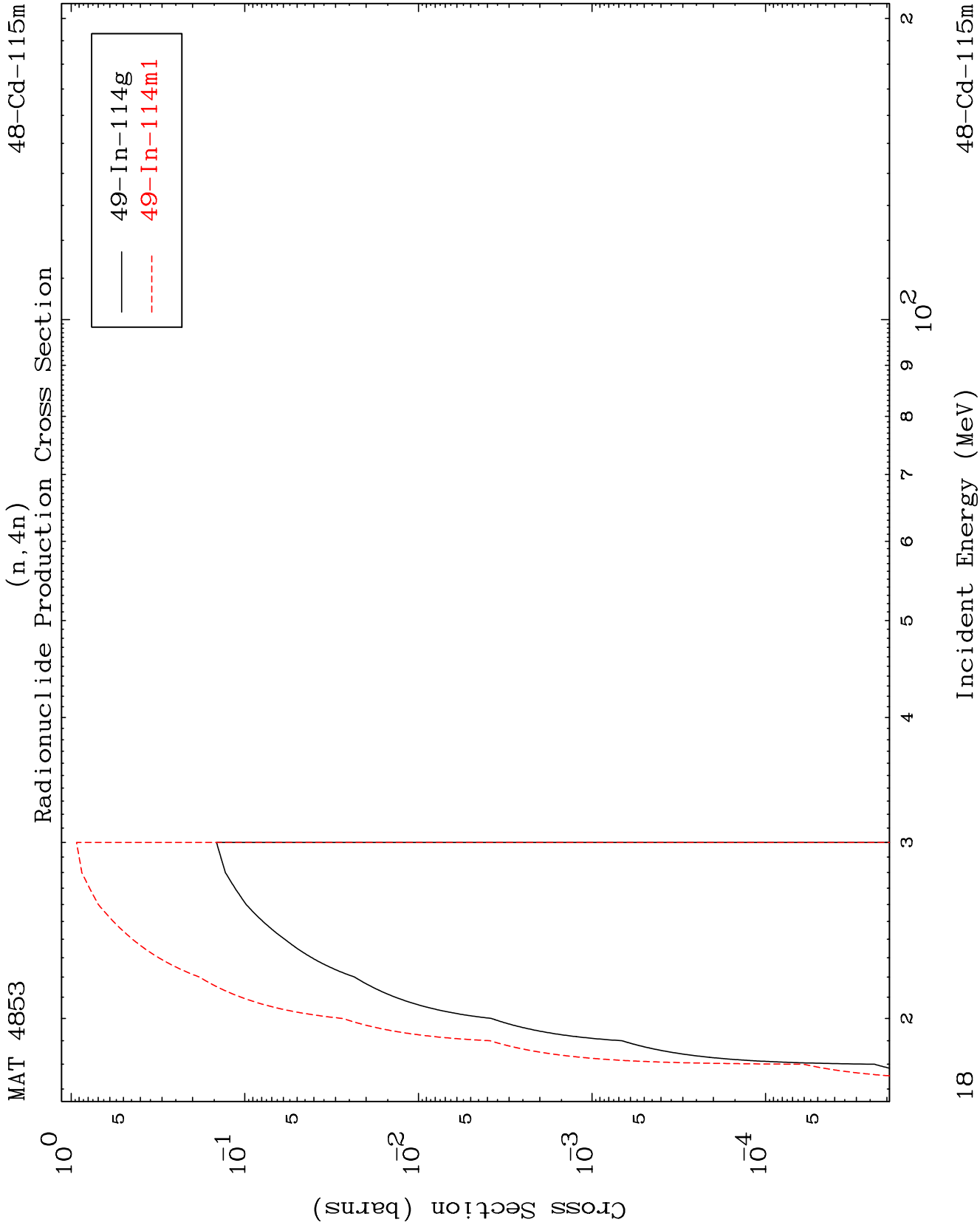


16

Incident Energy (MeV)

48-Cd-115m



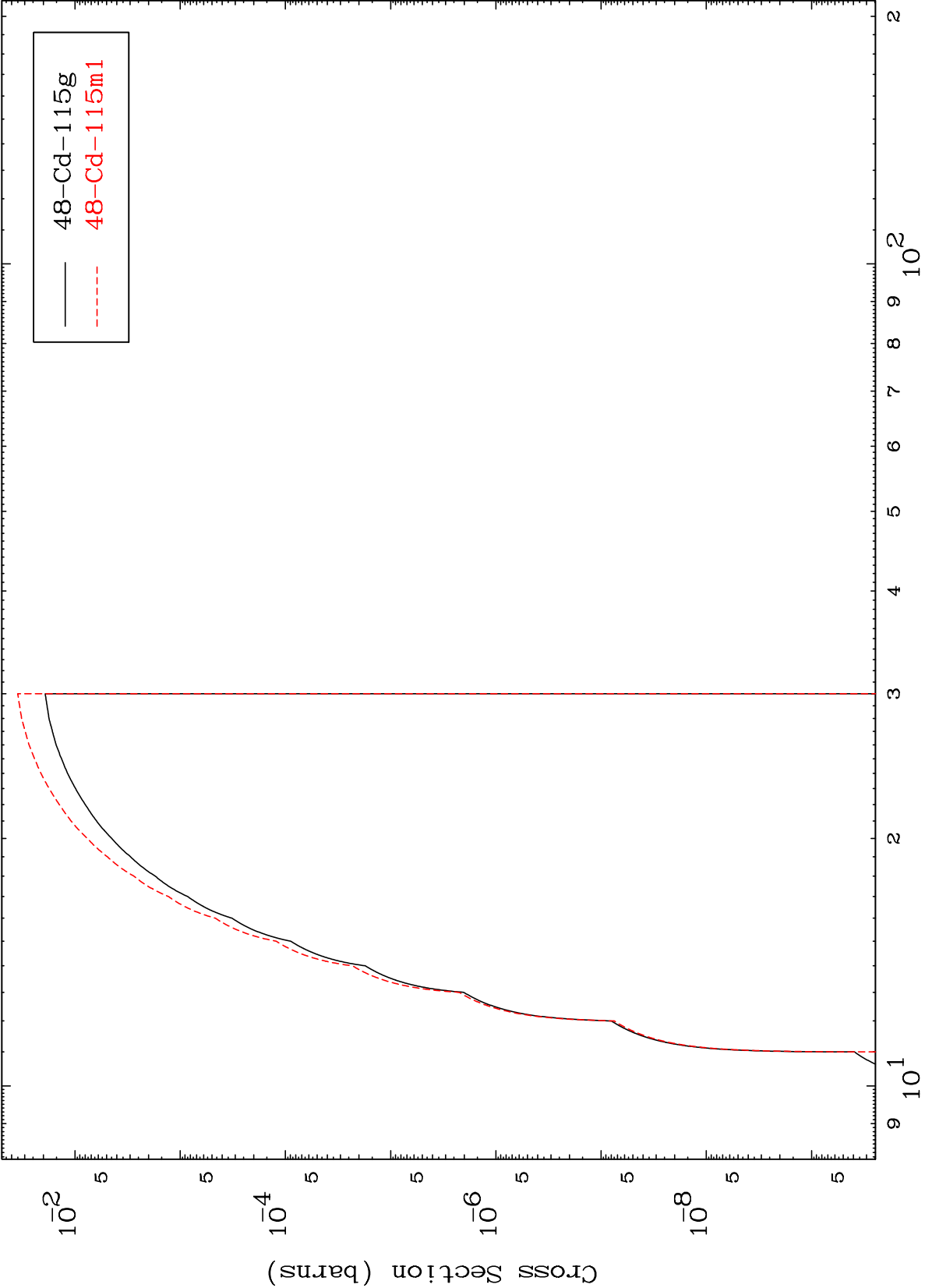


MAT 4853

(n,2n) p

48-Cd-115m

Radionuclide Production Cross Section

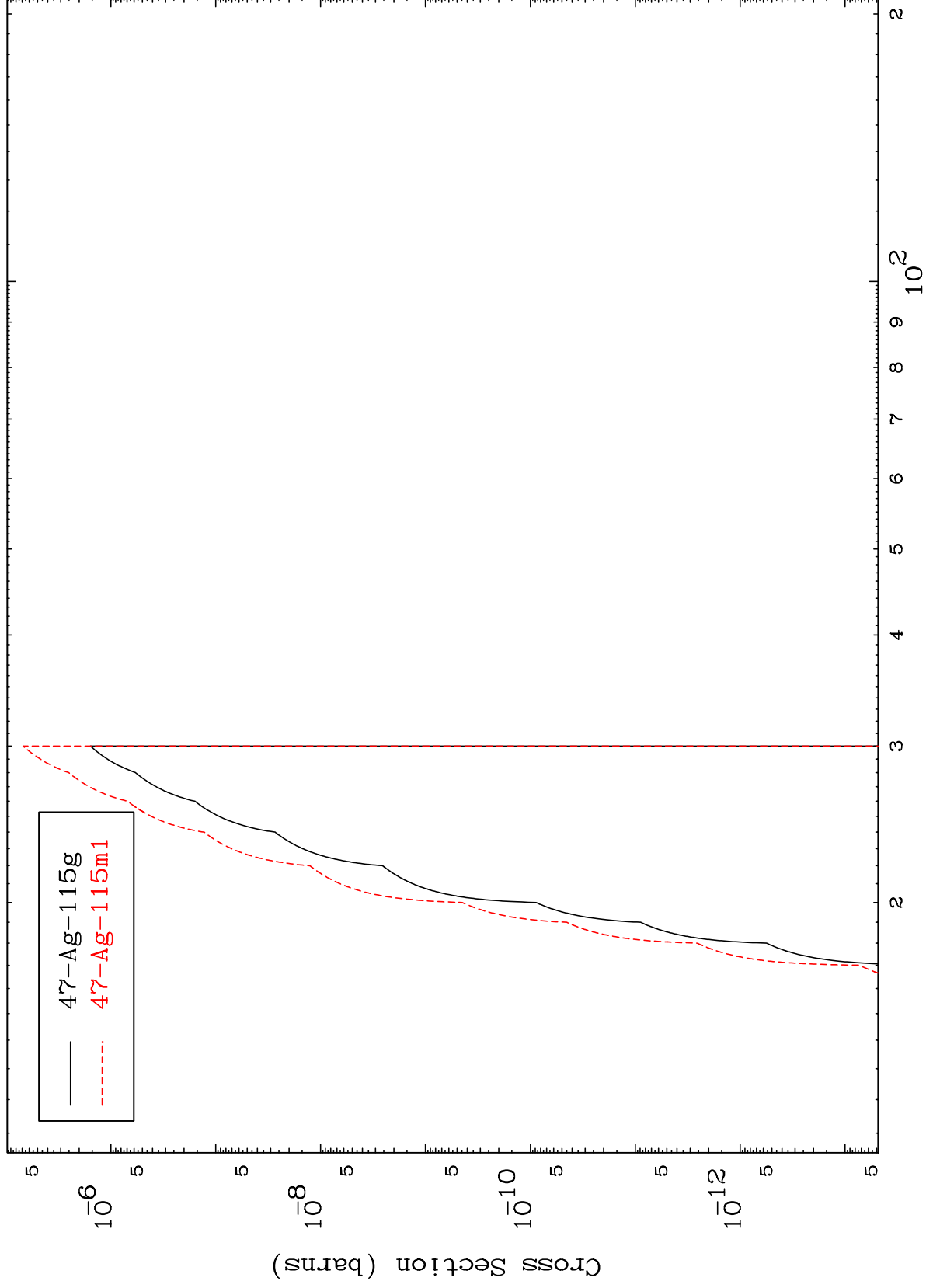


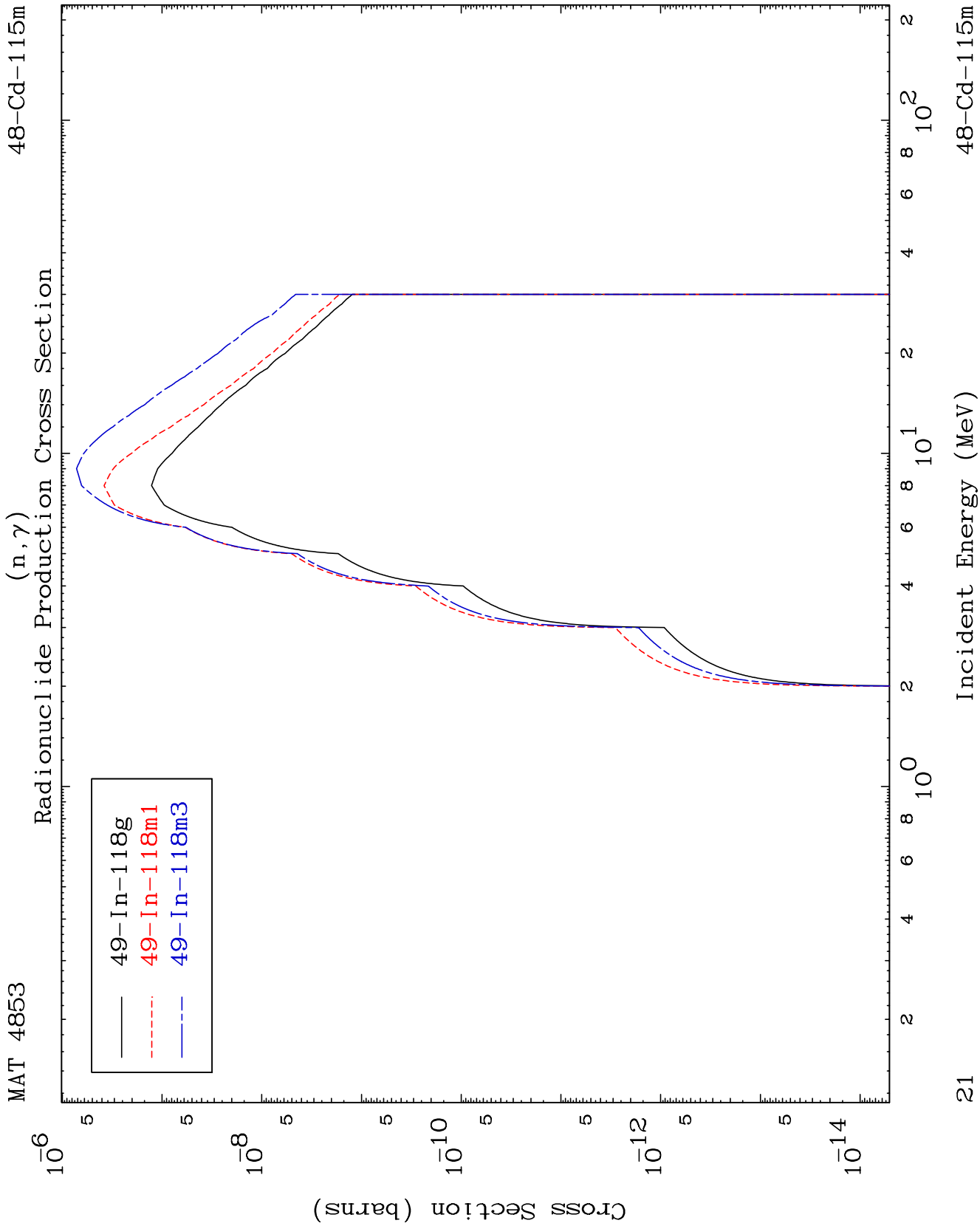
19

Incident Energy (MeV)

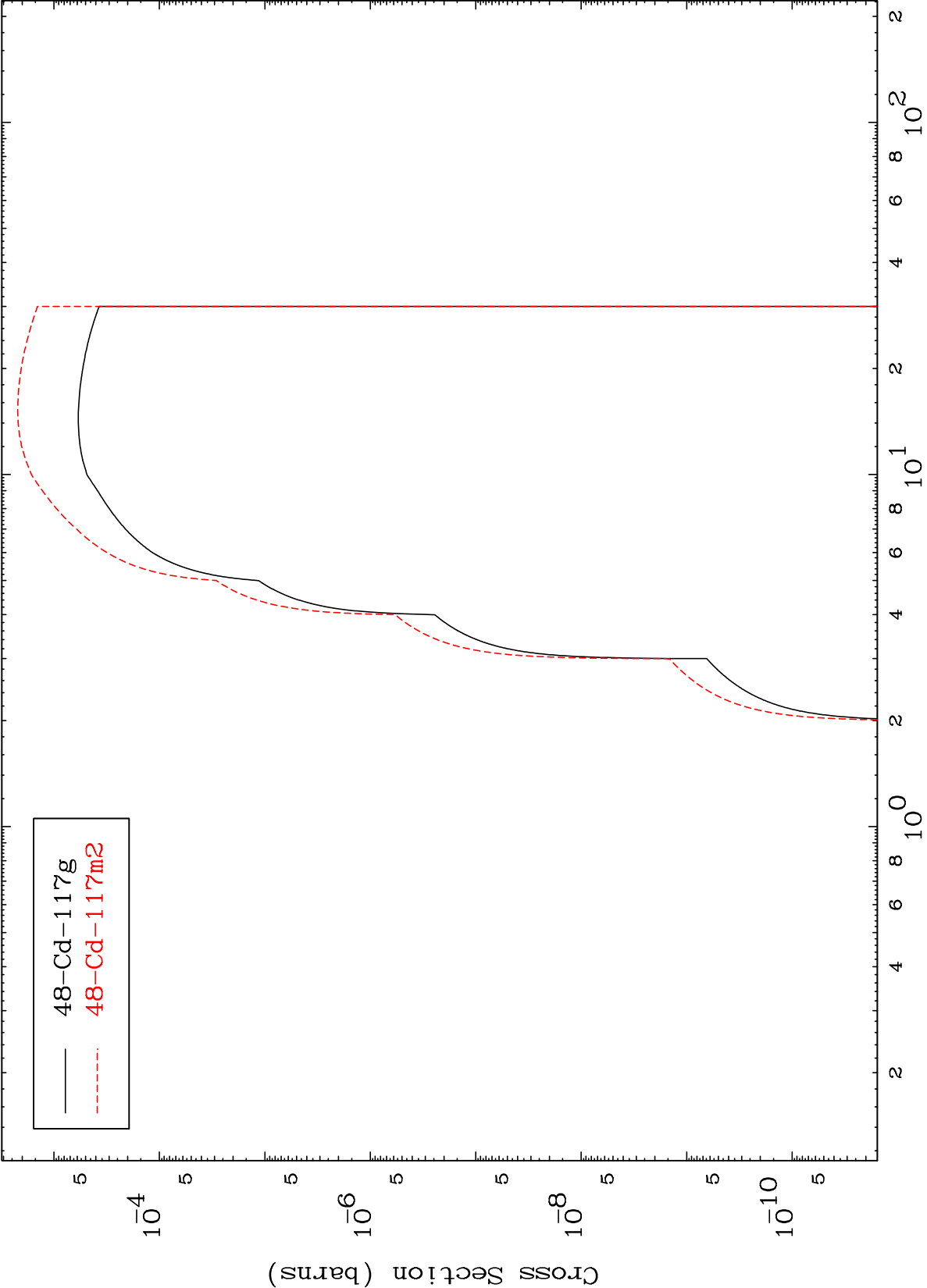
48-Cd-115m

(n,2n) p
Radionuclide Production Cross Section

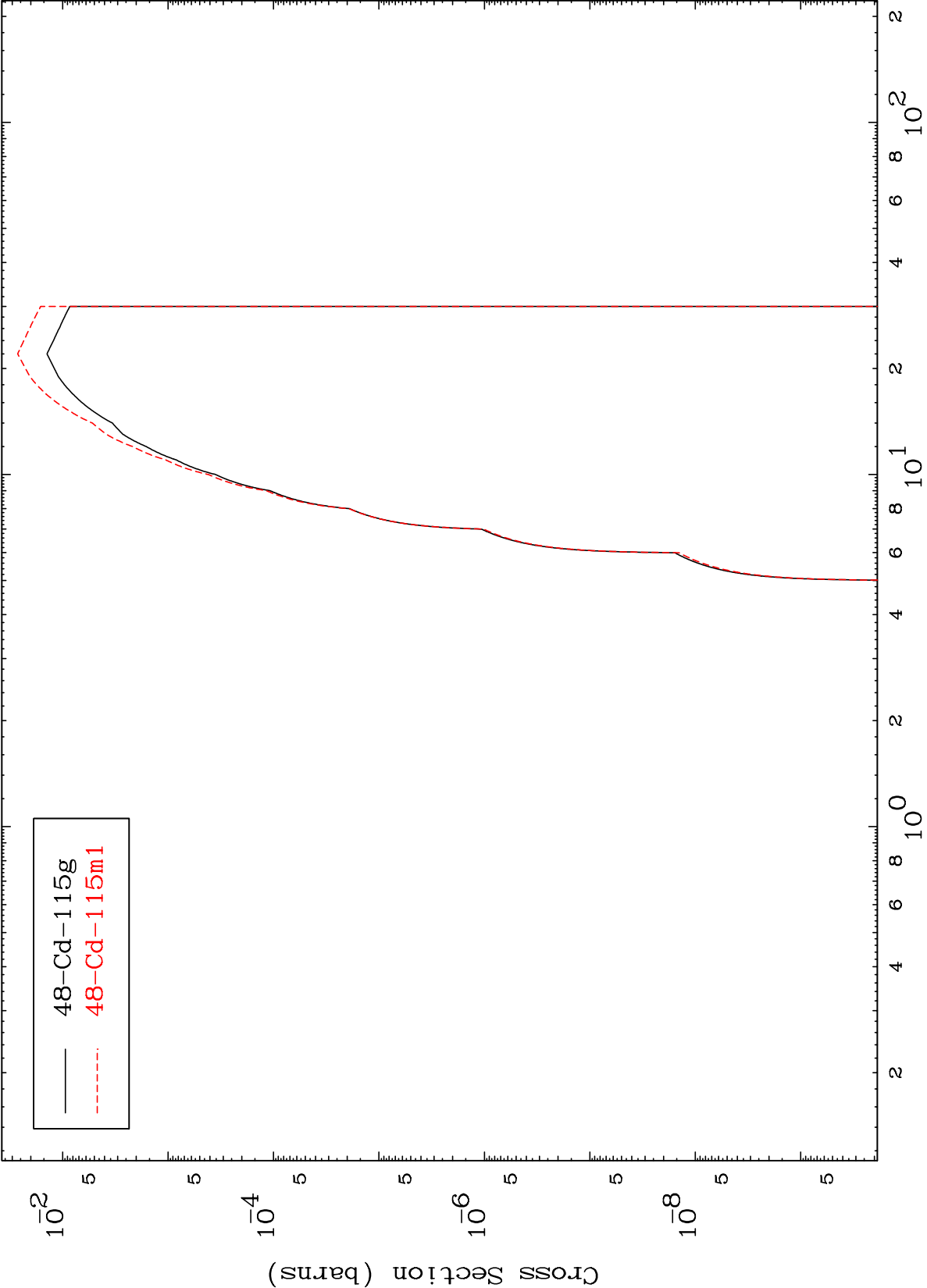




(n,p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

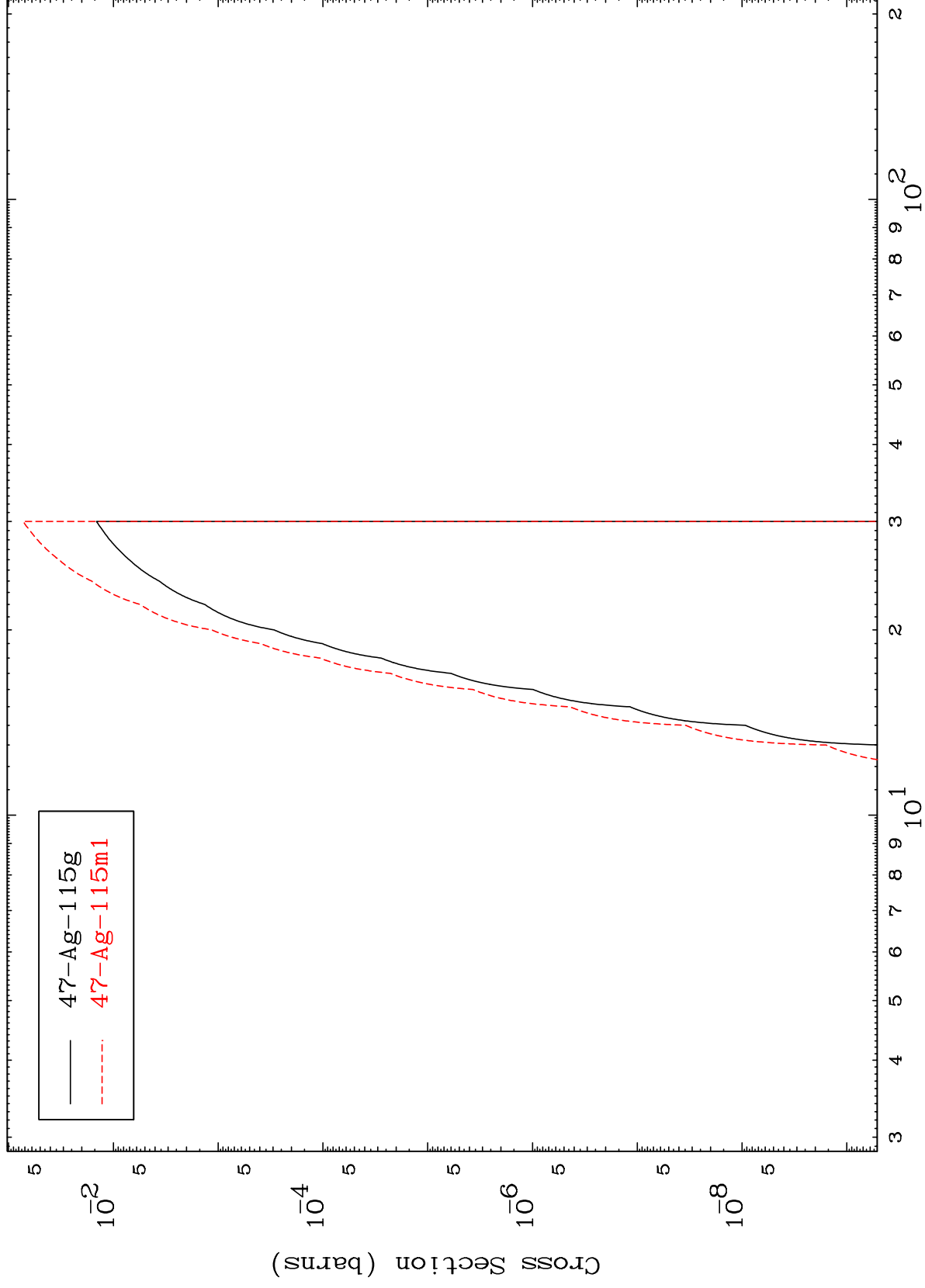


MAT 4853

(n,He-3)

48-Cd-115m

Radionuclide Production Cross Section



24

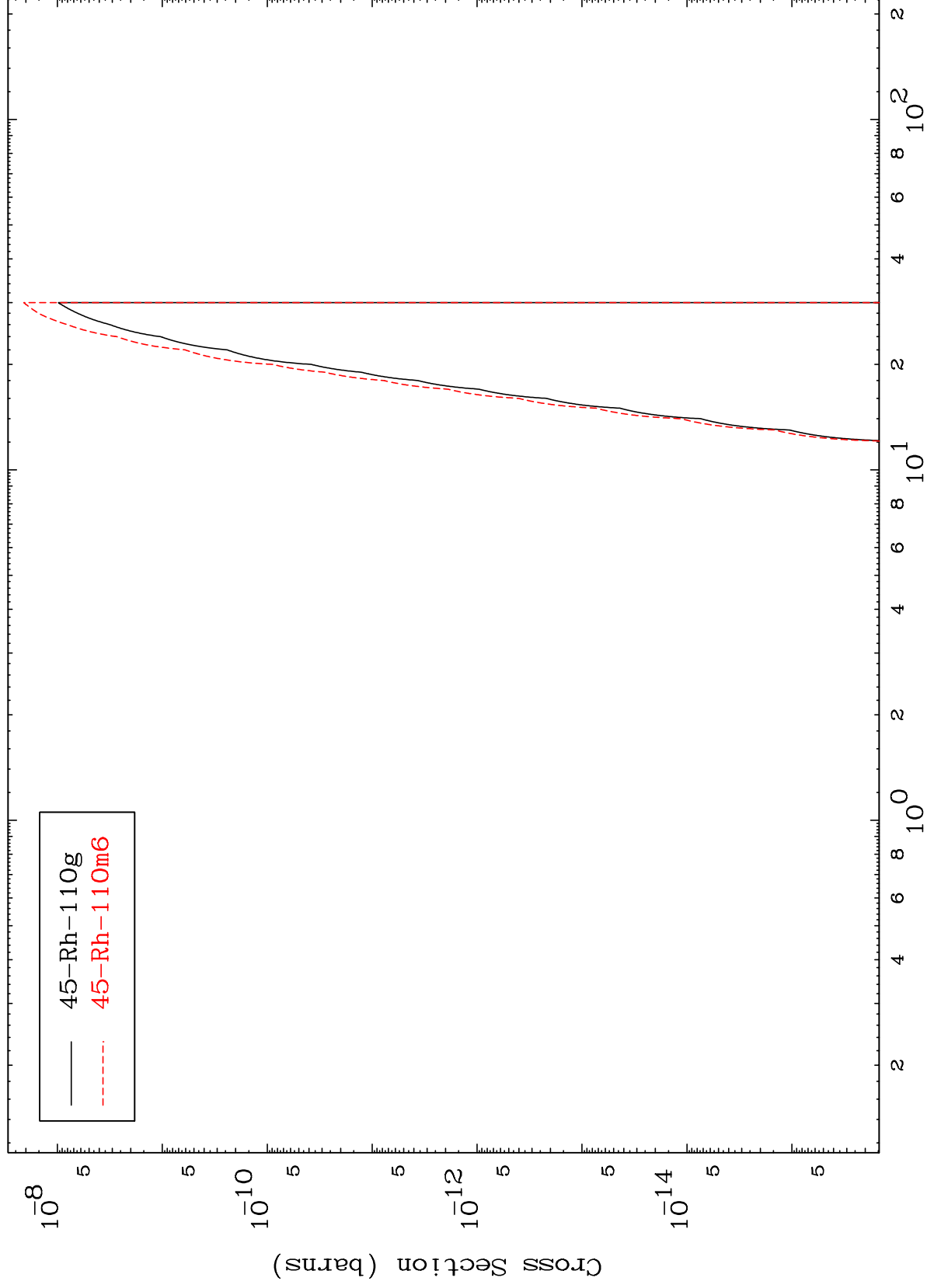
Incident Energy (MeV)

48-Cd-115m

MAT 4853

48-Cd-115m

Radionuclide Production Cross Section
(n,2 α)



25

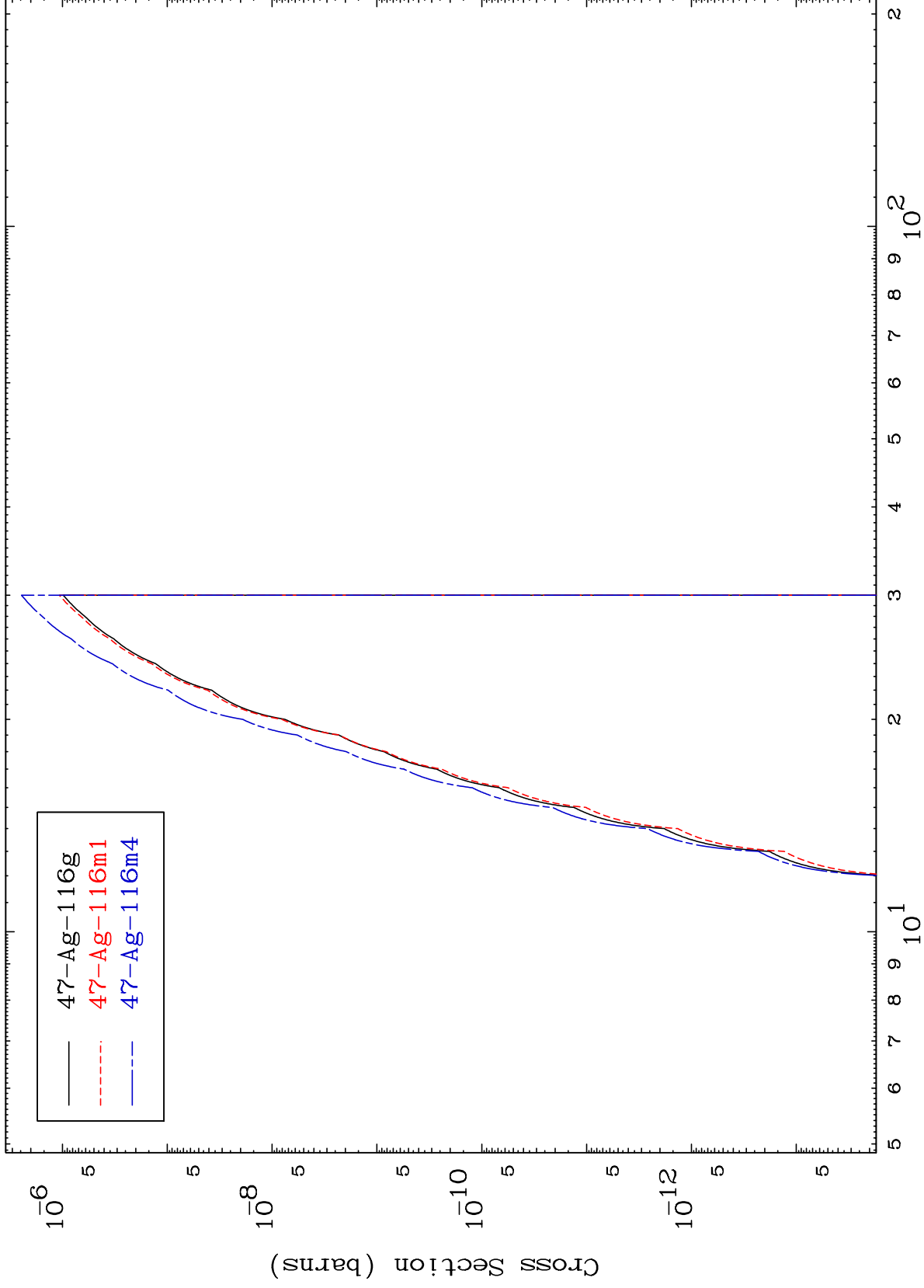
Incident Energy (MeV)

48-Cd-115m

MAT 4853

48-Cd-115m

(n,2p)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

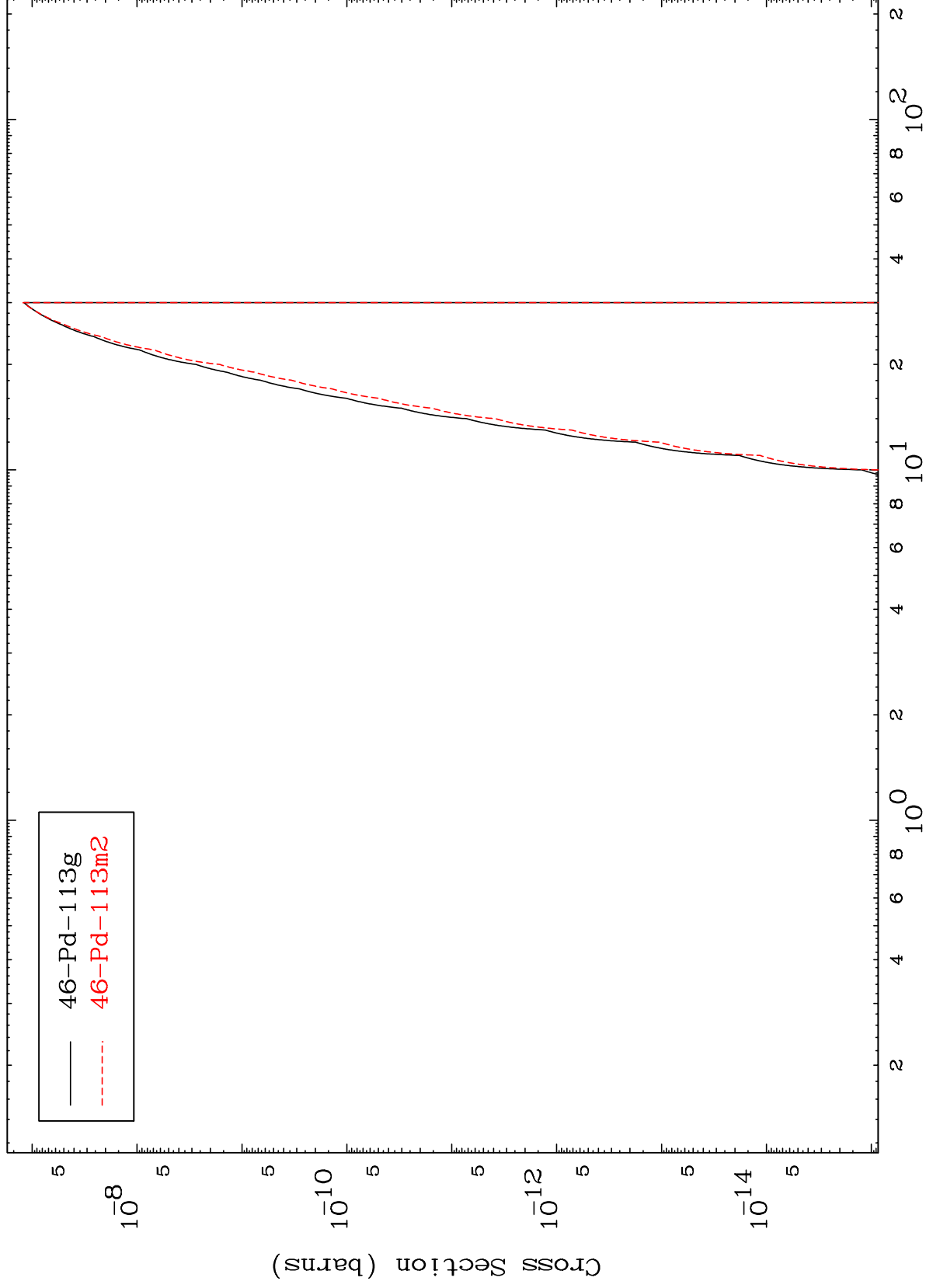
48-Cd-115m

MAT 4853

(n,p) α

48-Cd-115m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

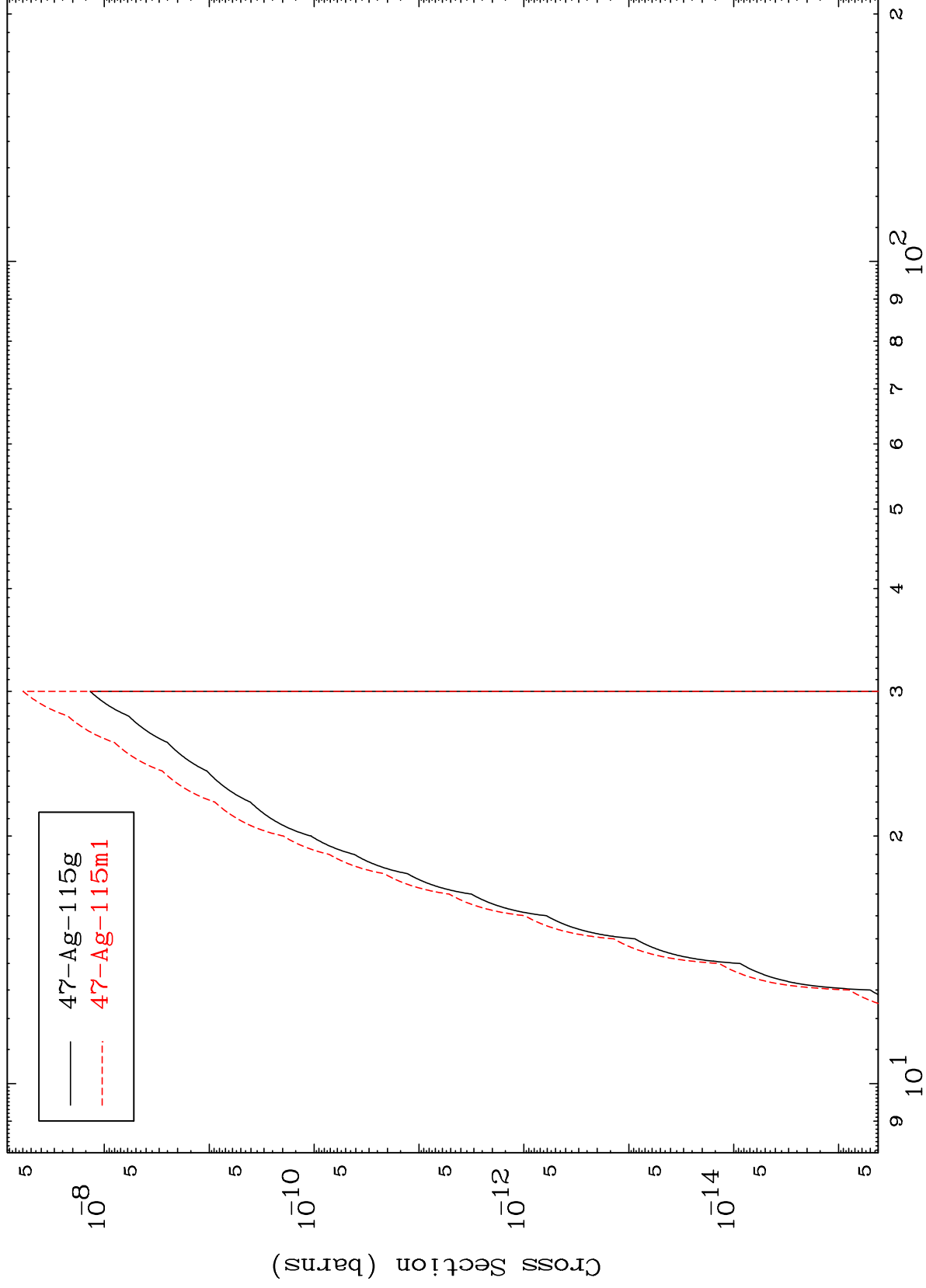
48-Cd-115m

MAT 4853

(n,p) d

48-Cd-115m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

48-Cd-115m