

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

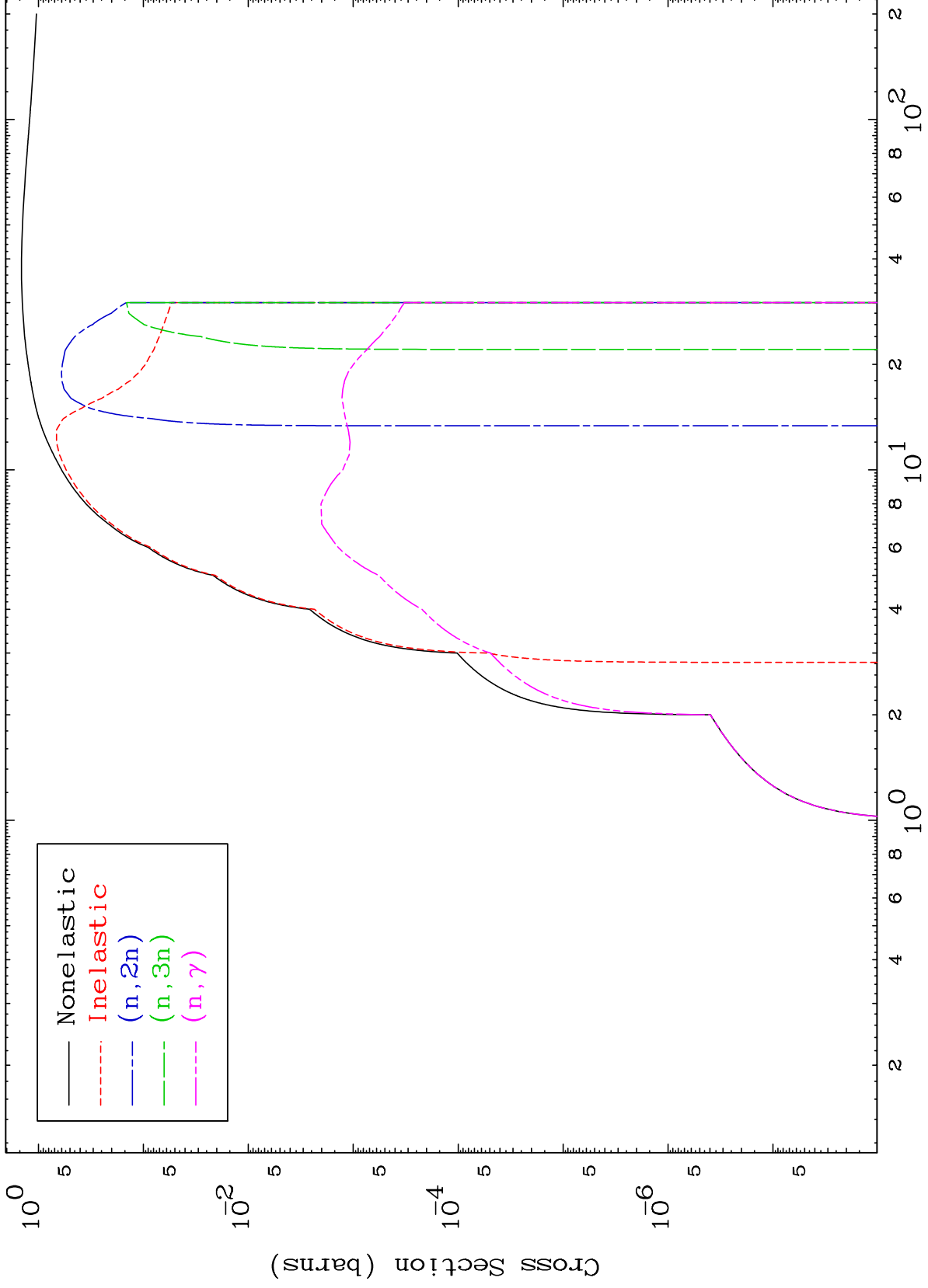
Press Mouse Button to Start

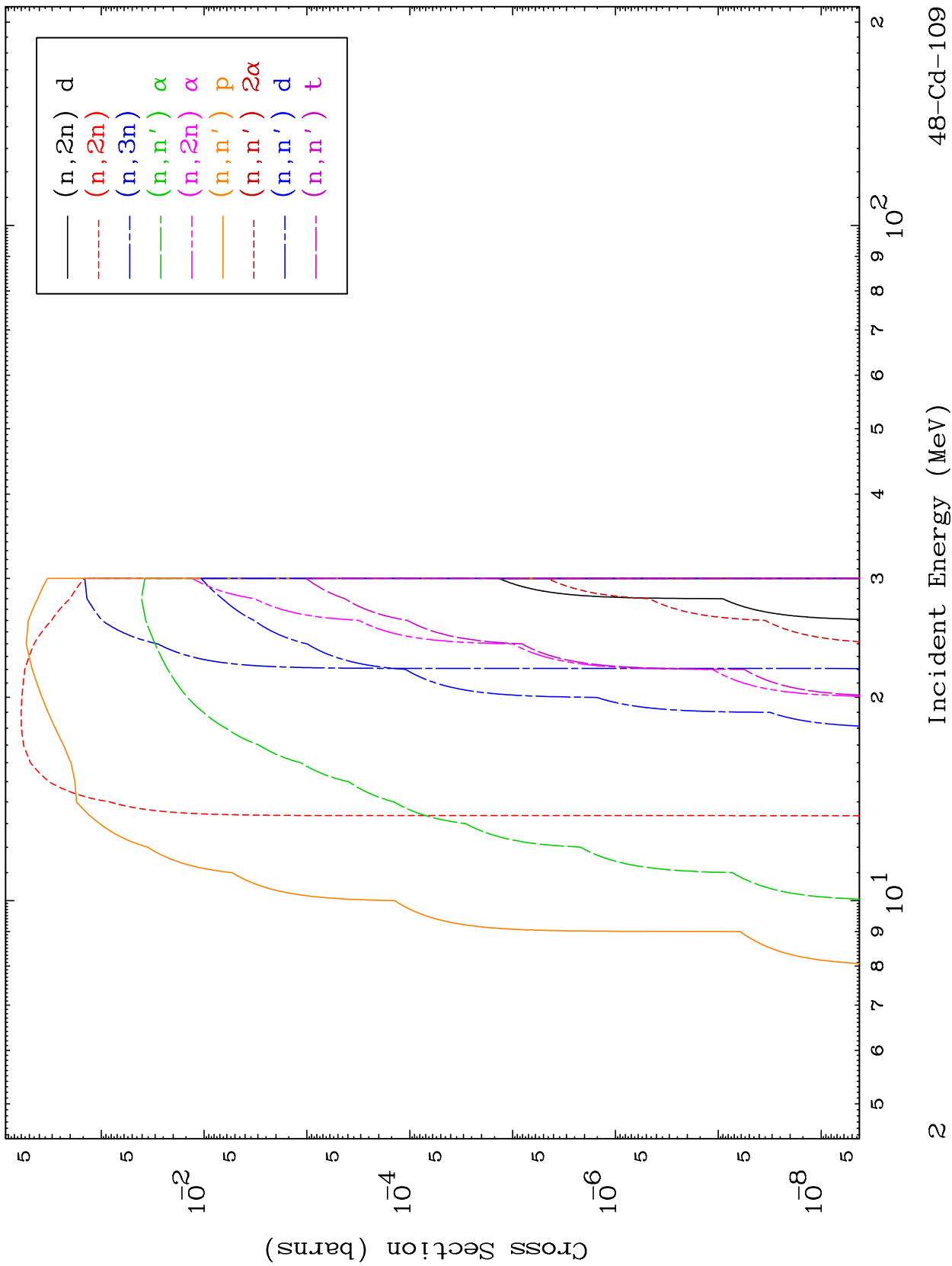
MAT 4834

Proton Major

48-Cd-109

0 Kelvin Cross Sections

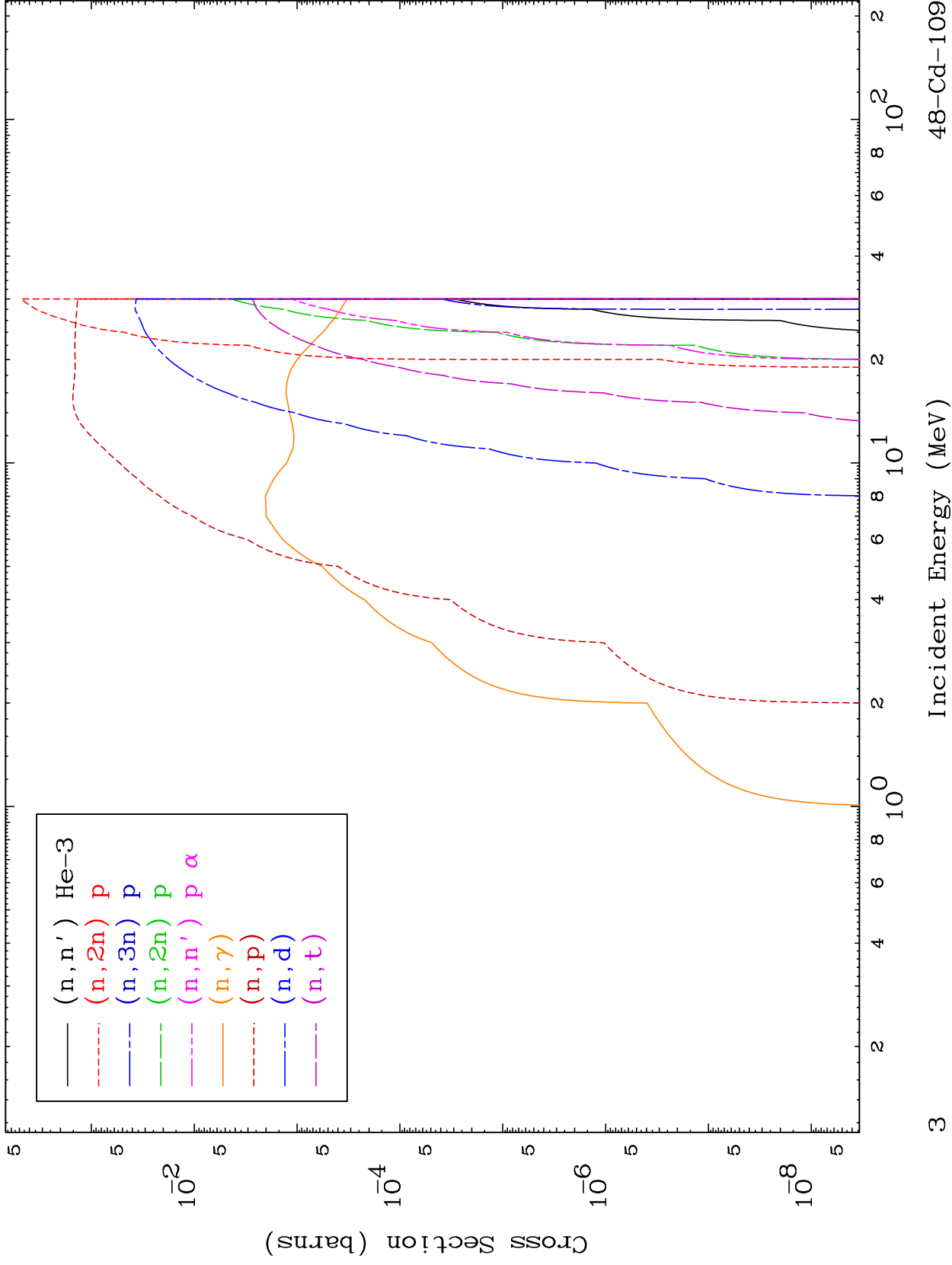




MAT 4834

Proton Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-109



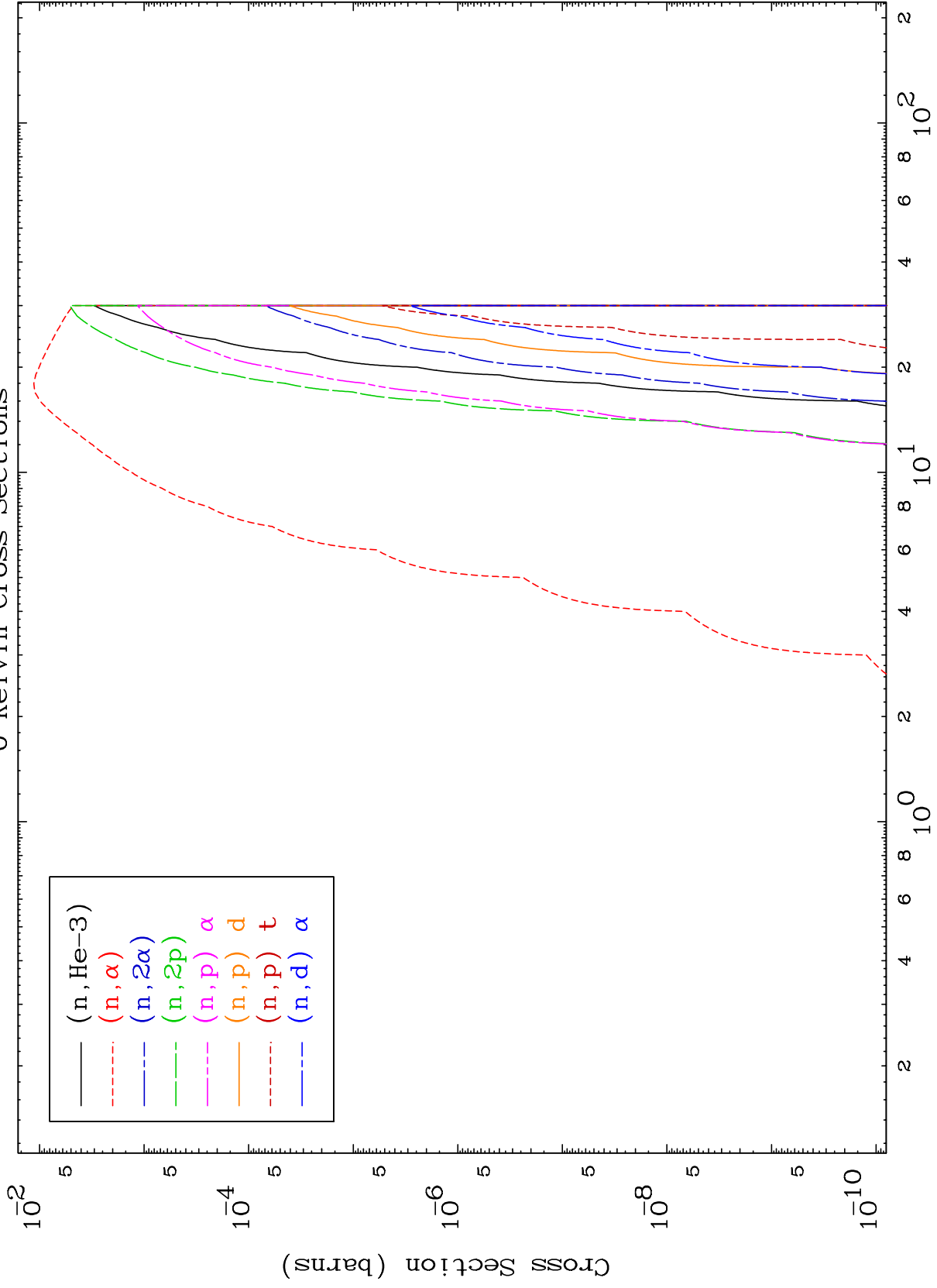
48-Cd-109

Incident Energy (MeV)

MAT 4834

Proton Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-109

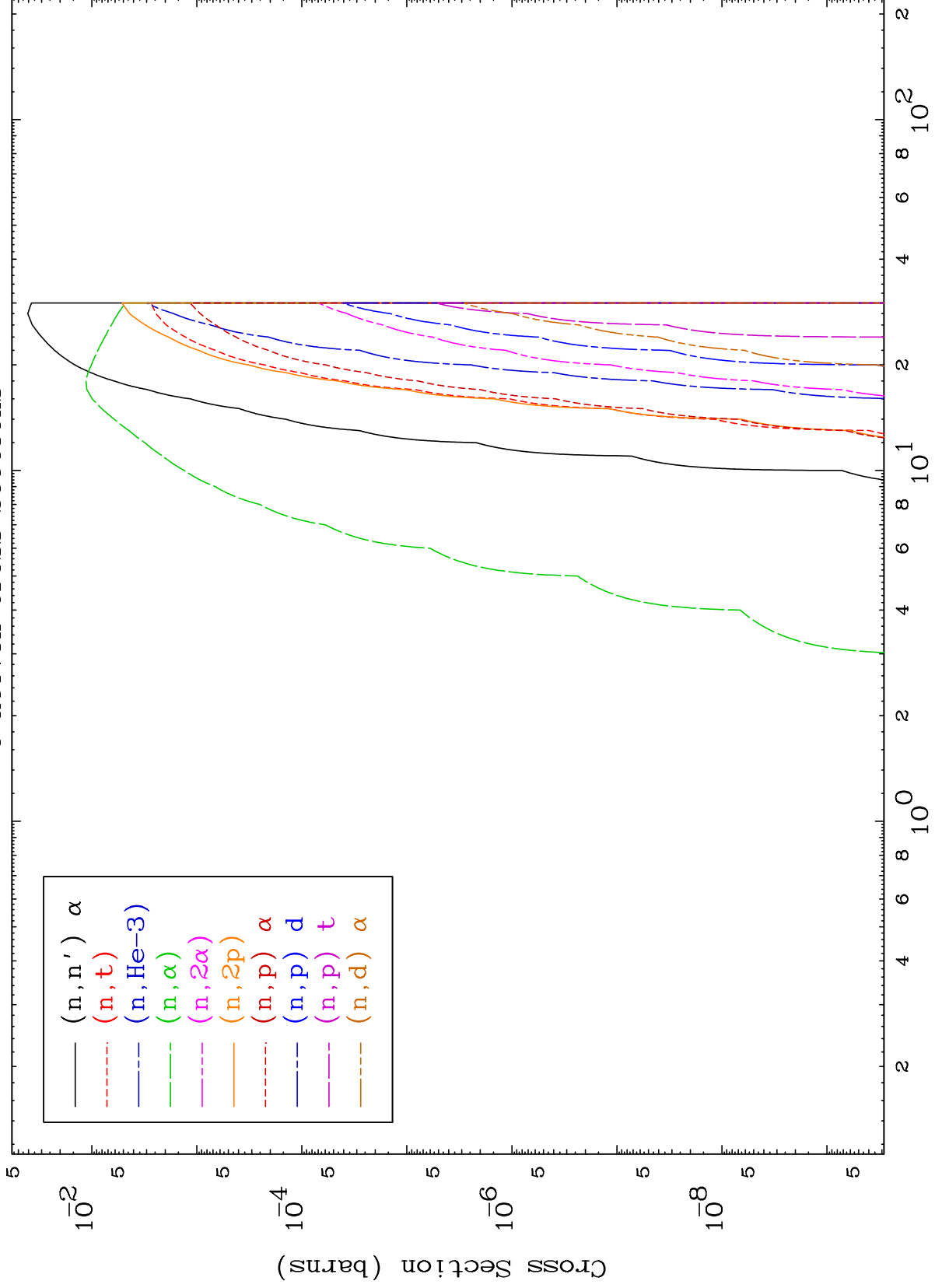




MAT 4834

Proton Charged Particle  
0 Kelvin Cross Sections

48-Cd-109



6

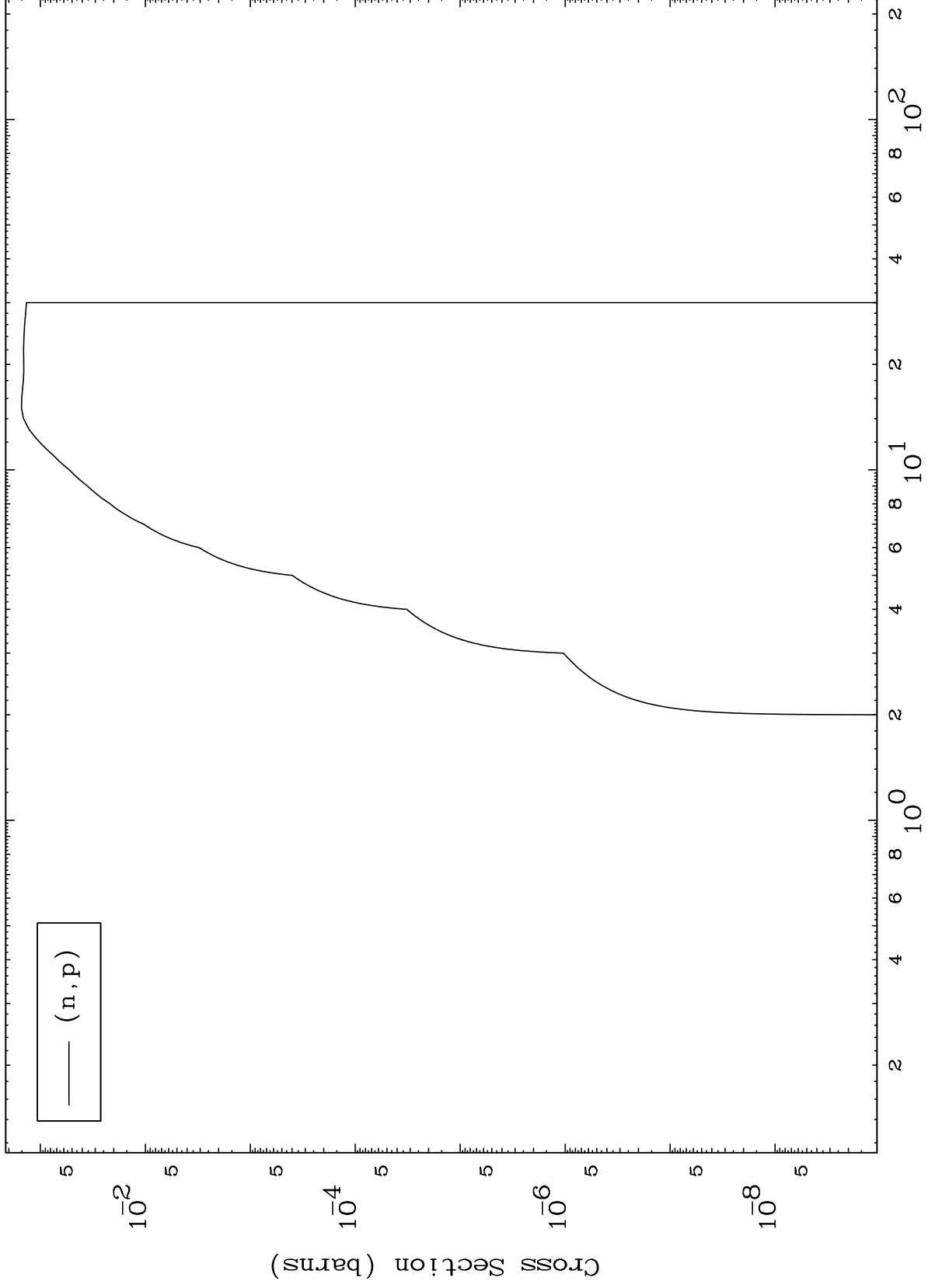
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

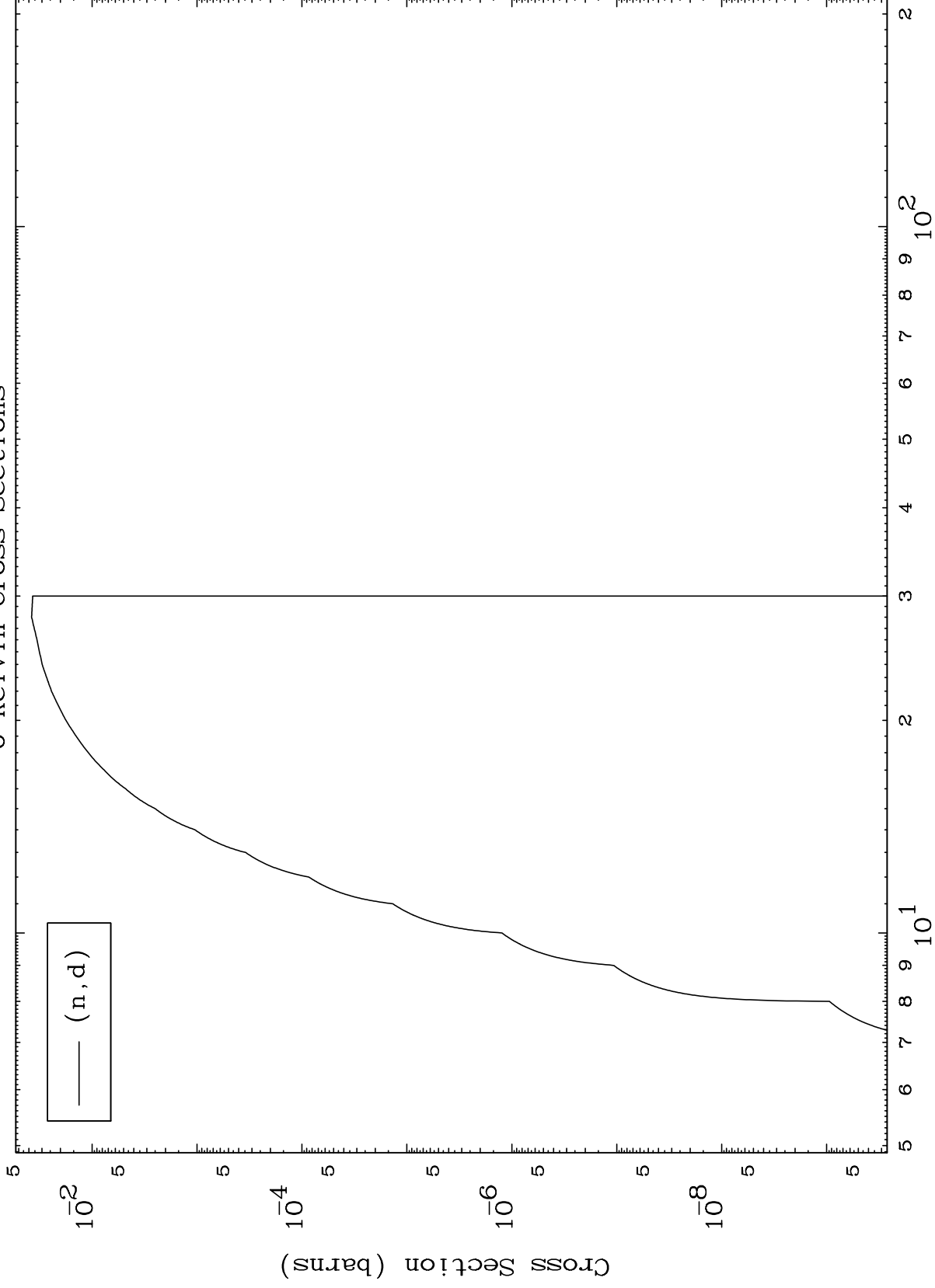
(p,p) Levels  
0 Kelvin Cross Sections



MAT 4834

(p,d) Levels  
0 Kelvin Cross Sections

48-Cd-109



8

Incident Energy (MeV)

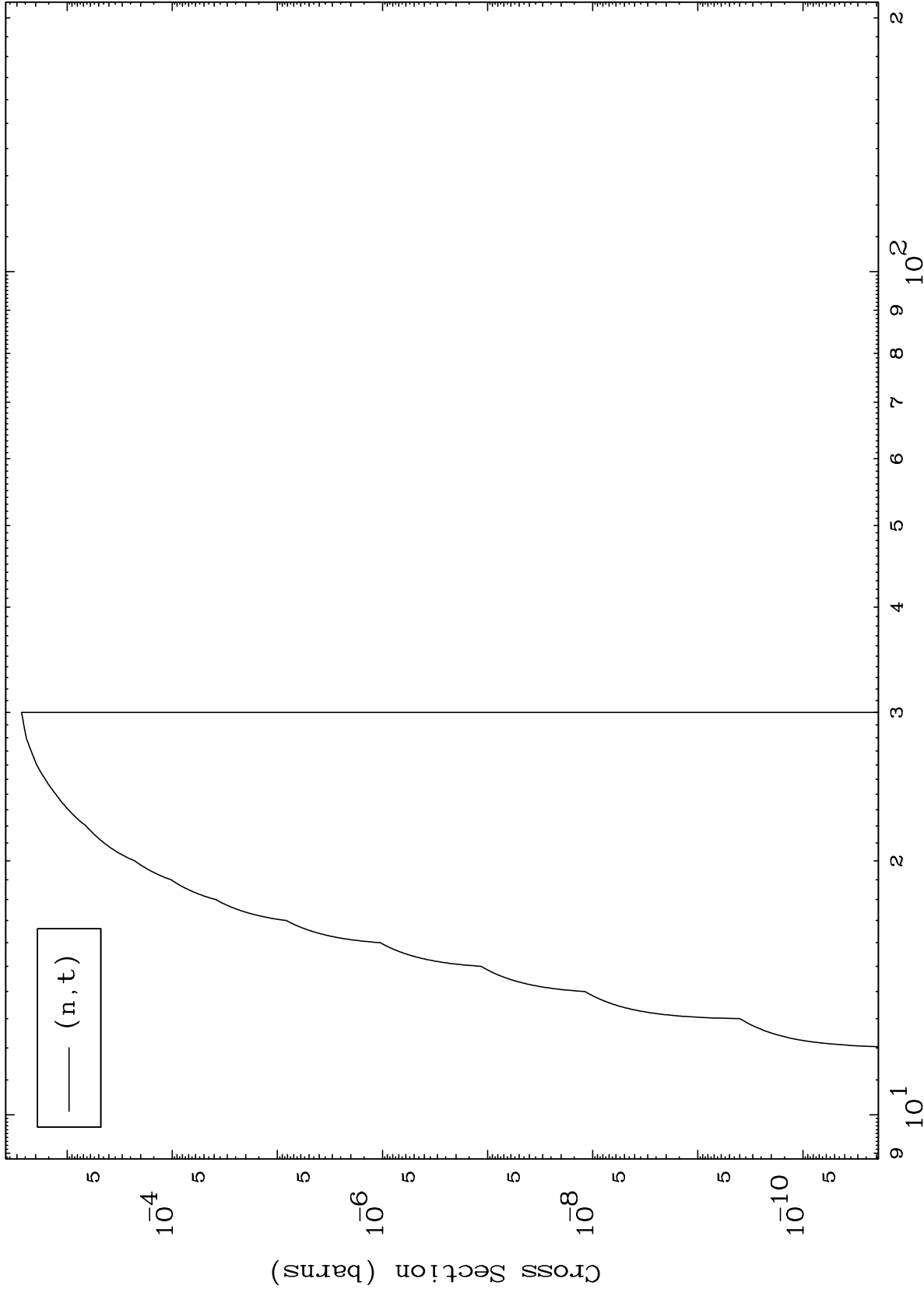
48-Cd-109

MAT 4834

(p,t) Levels

48-Cd-109

0 Kelvin Cross Sections



(n,t)

Incident Energy (MeV)

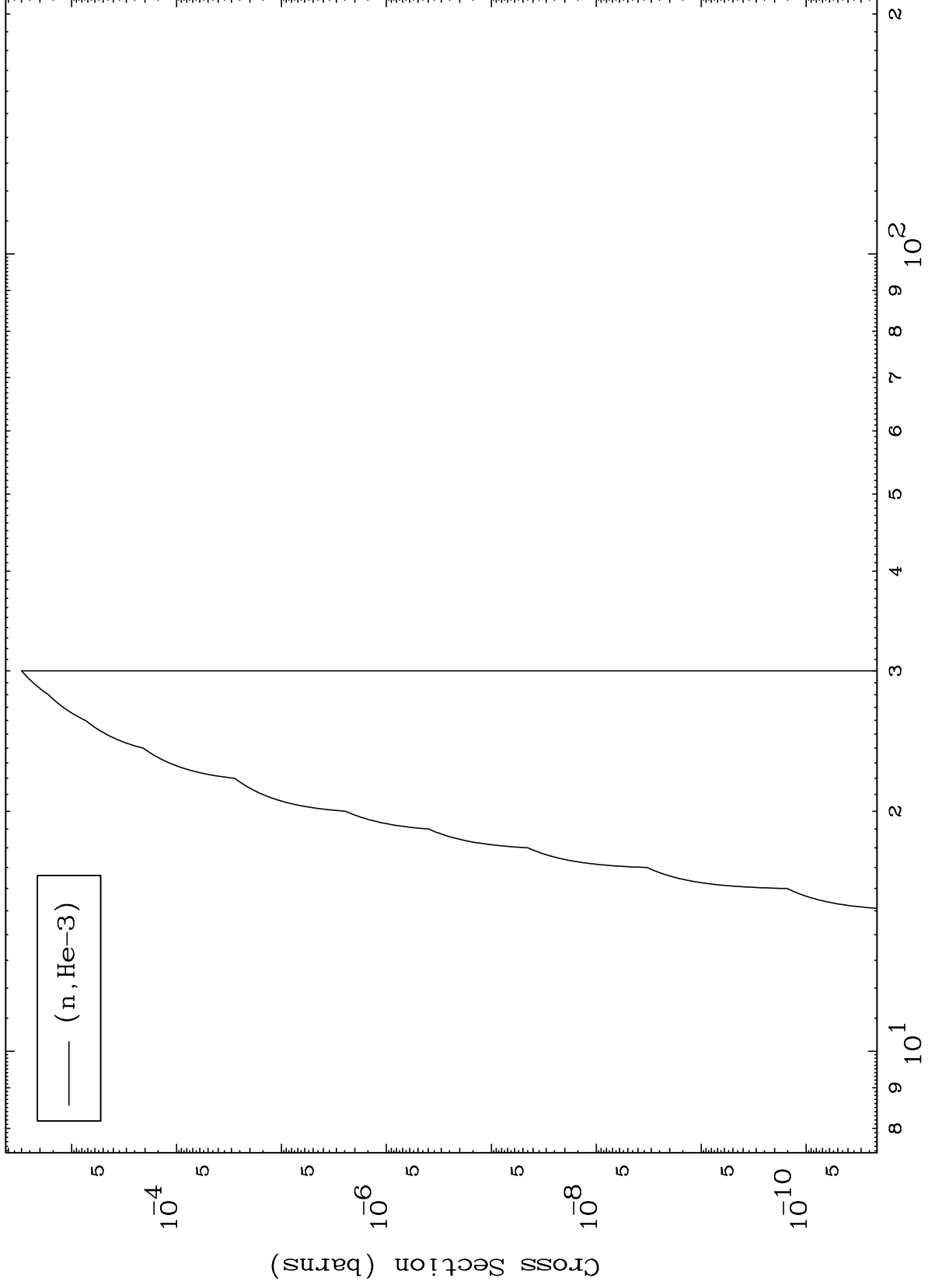
48-Cd-109

MAT 4834

(p,He3) Levels

48-Cd-109

0 Kelvin Cross Sections



10

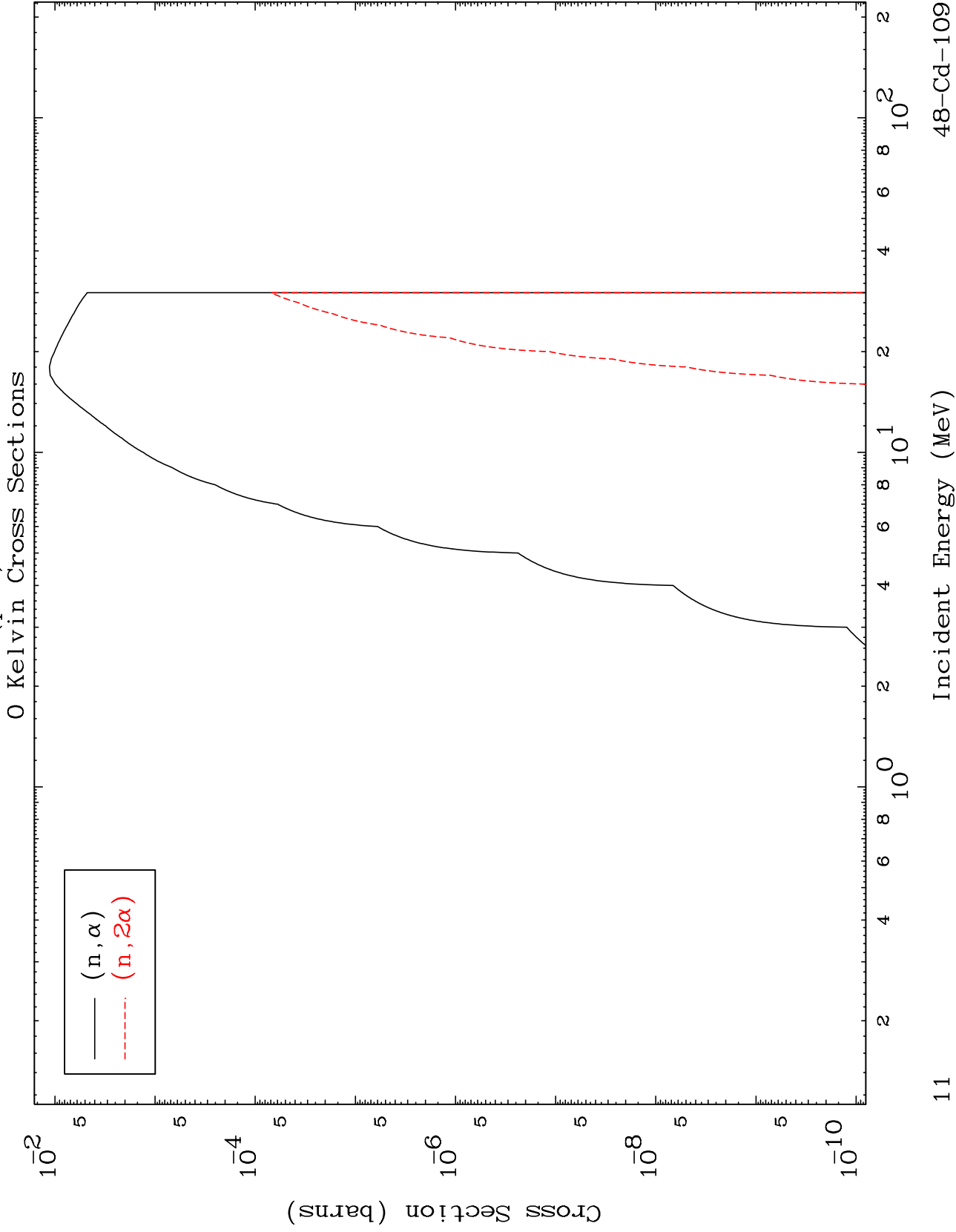
Incident Energy (MeV)

48-Cd-109

MAT 4834

(p,  $\alpha$ ) Levels

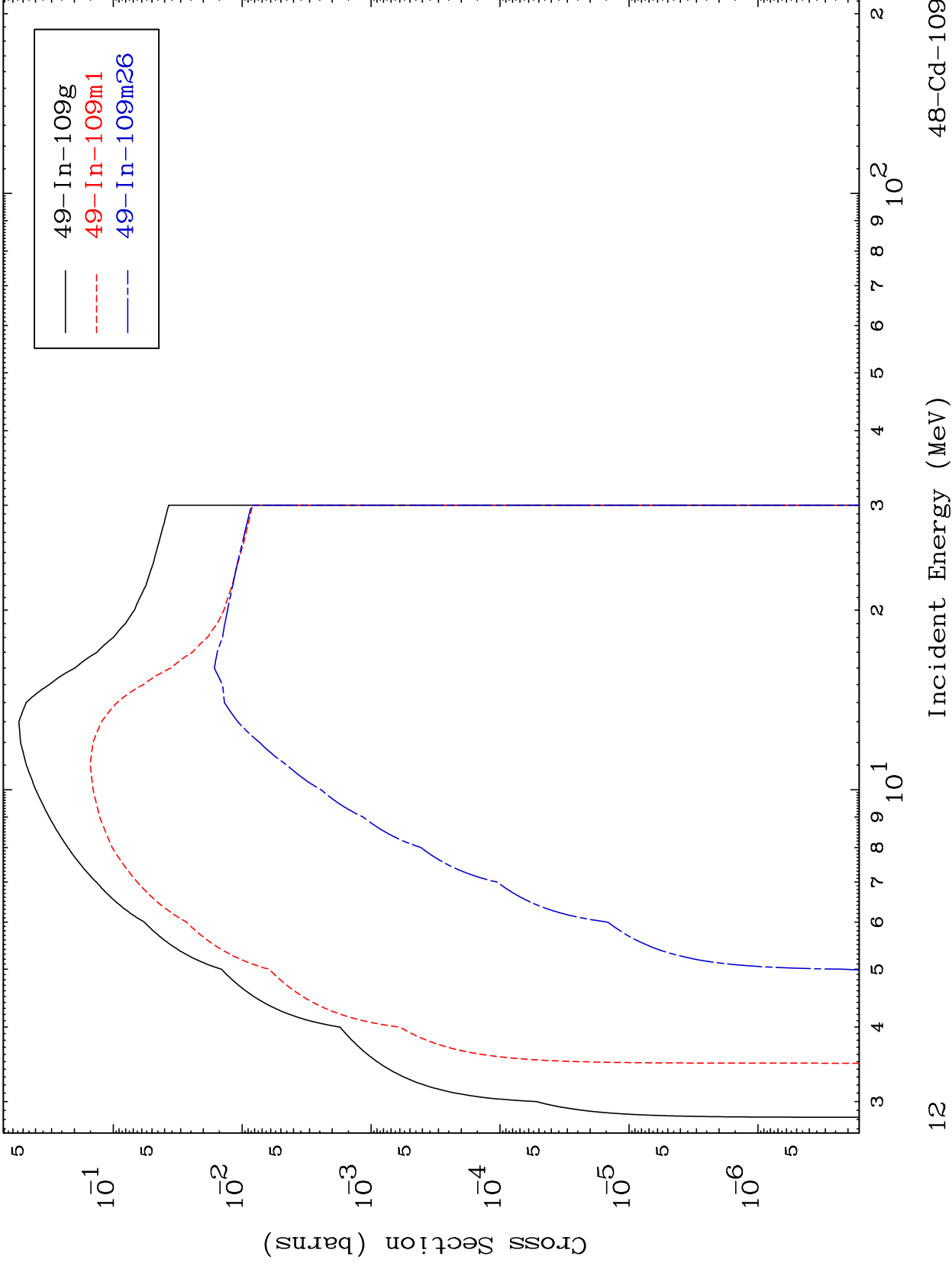
48-Cd-109



MAT 4834

Inelastic  
Radionuclide Production Cross Section

48-Cd-109



12

Incident Energy (MeV)

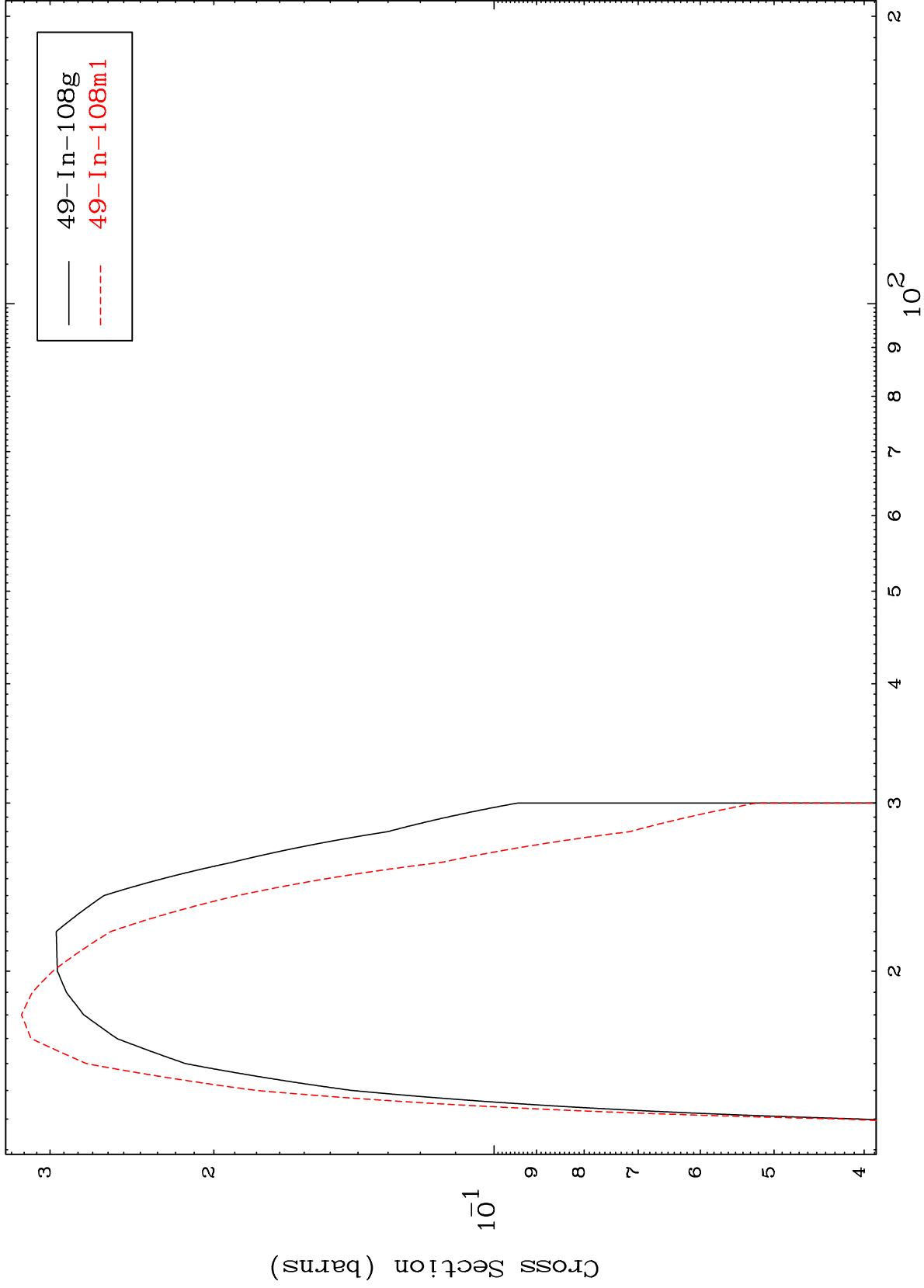
48-Cd-109

MAT 4834

(n,2n)

48-Cd-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

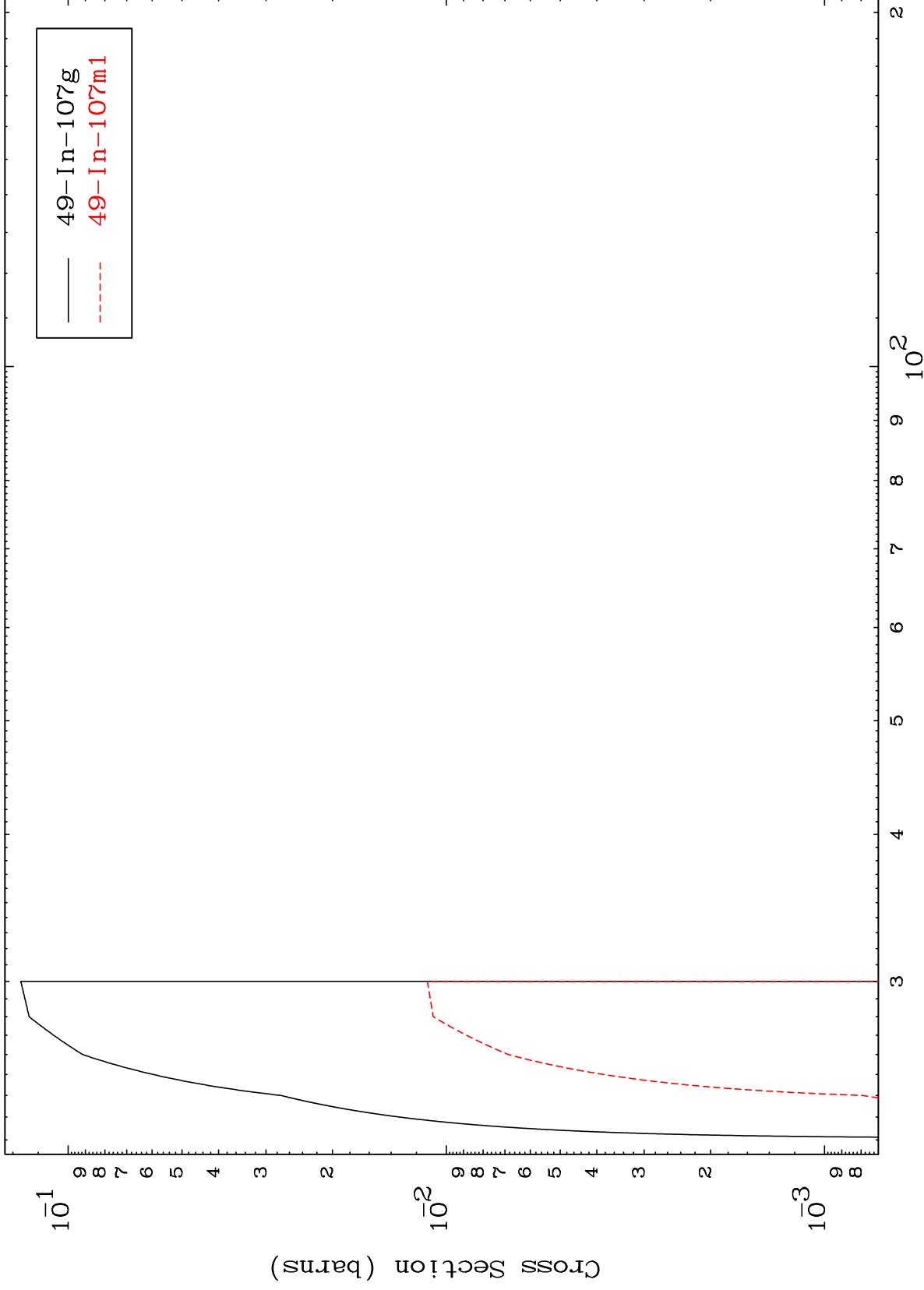
48-Cd-109

MAT 4834

(n,3n)

48-Cd-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

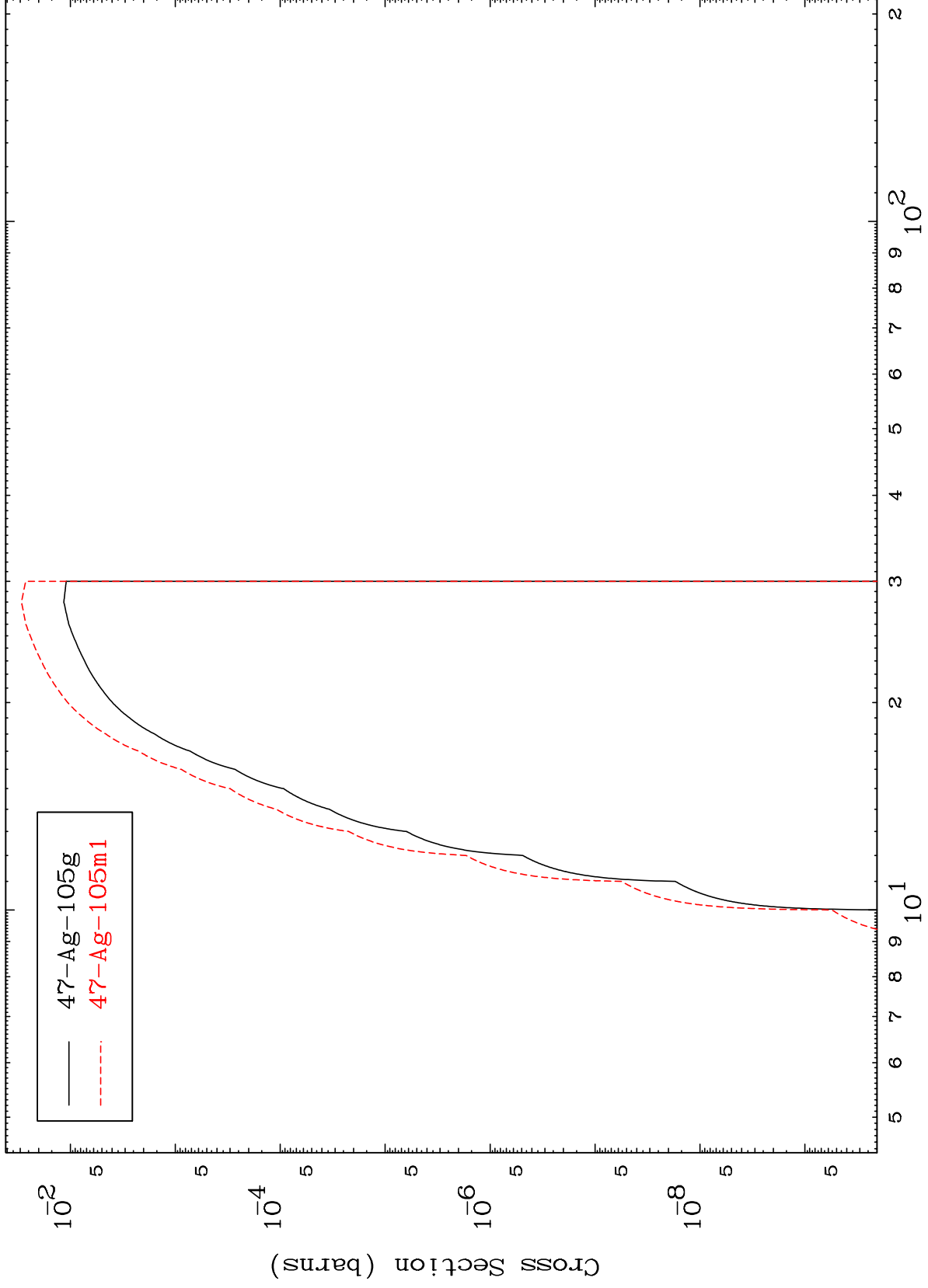
48-Cd-109

MAT 4834

(n,n')  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



15

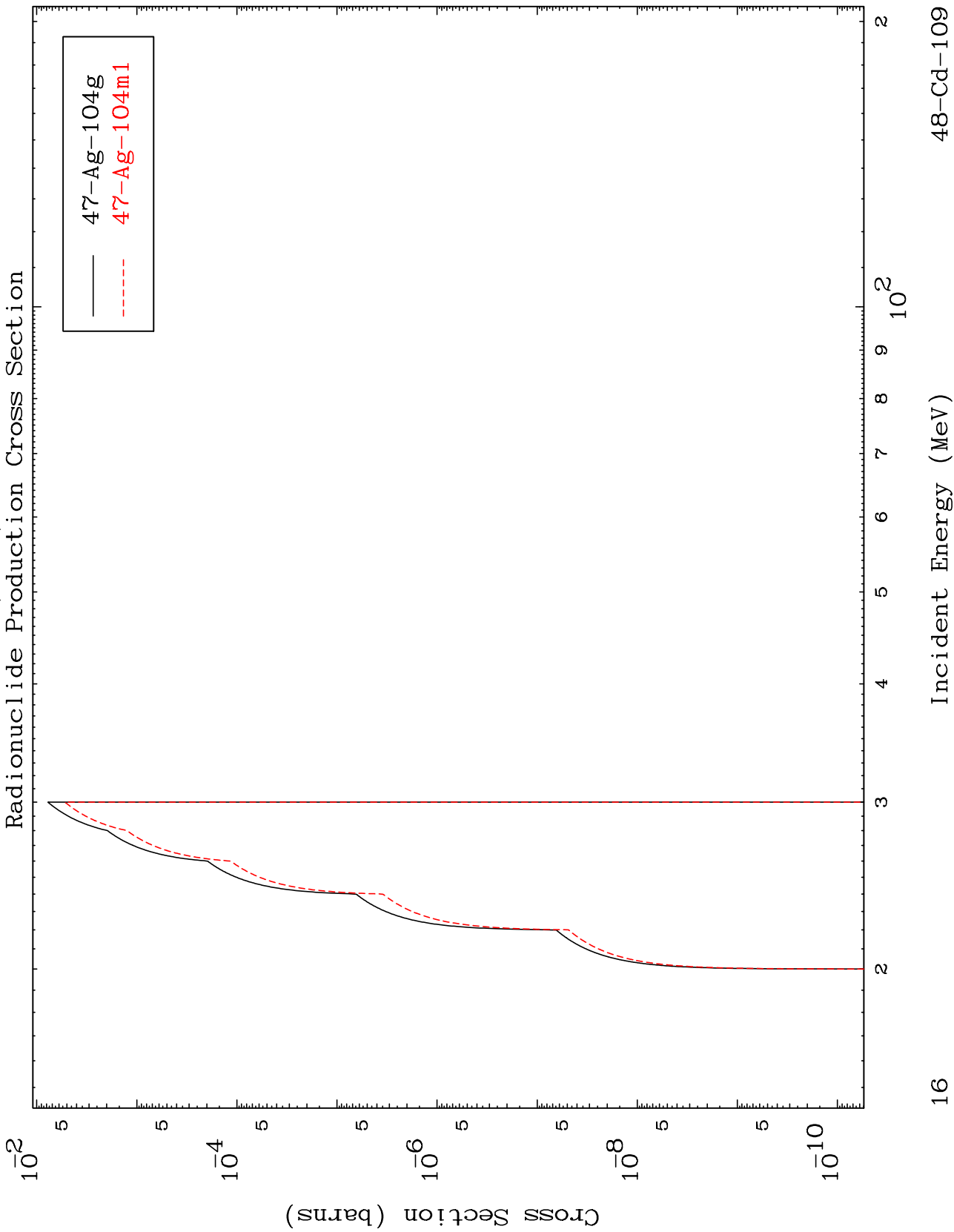
Incident Energy (MeV)

48-Cd-109

MAT 4834

(n,2n)  $\alpha$

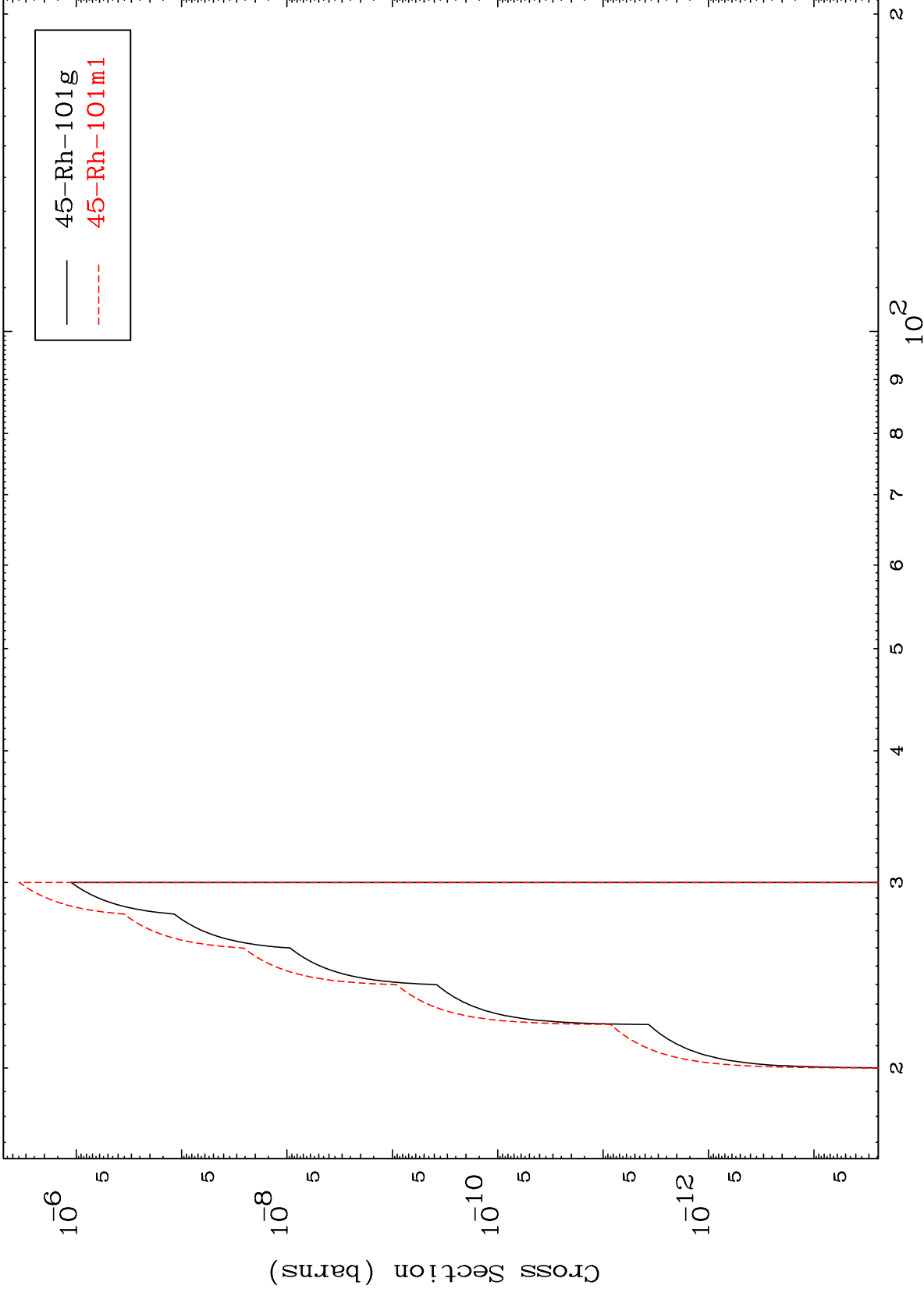
48-Cd-109



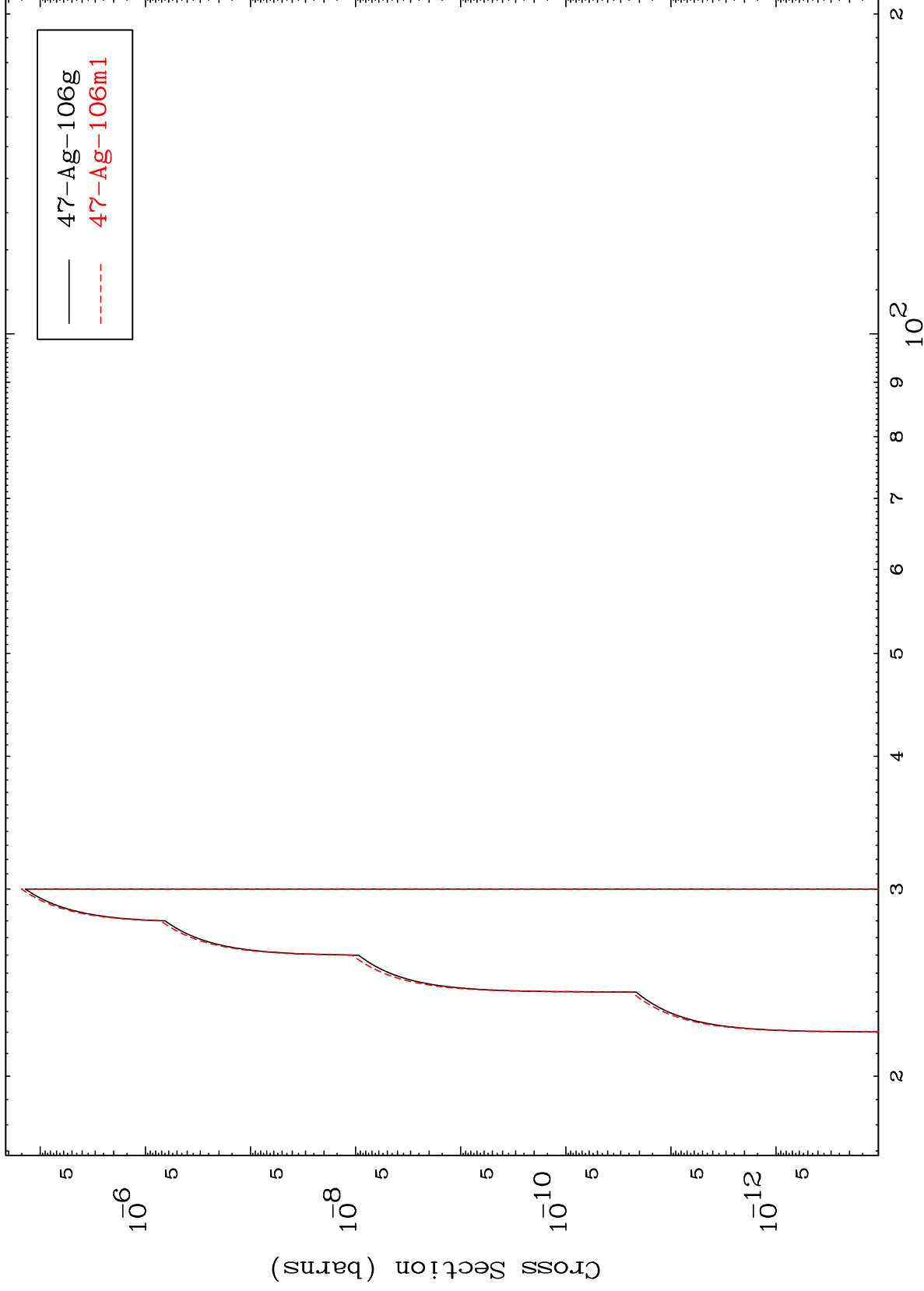
16

48-Cd-109

Radionuclide Production Cross Section



Radionuclide Production Cross Section

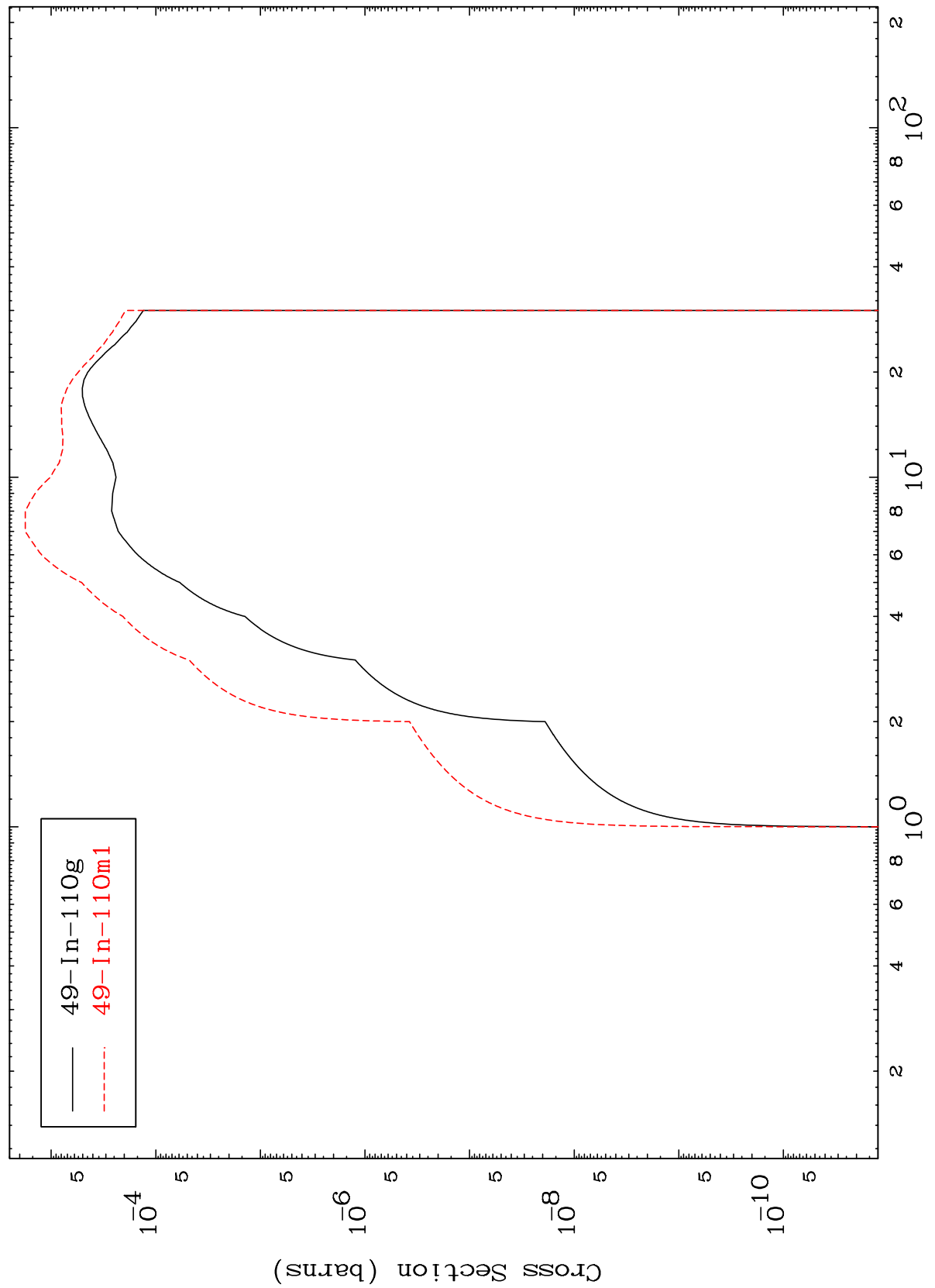




MAT 4834

48-Cd-109

(n,γ)  
Radionuclide Production Cross Section



20

48-Cd-109

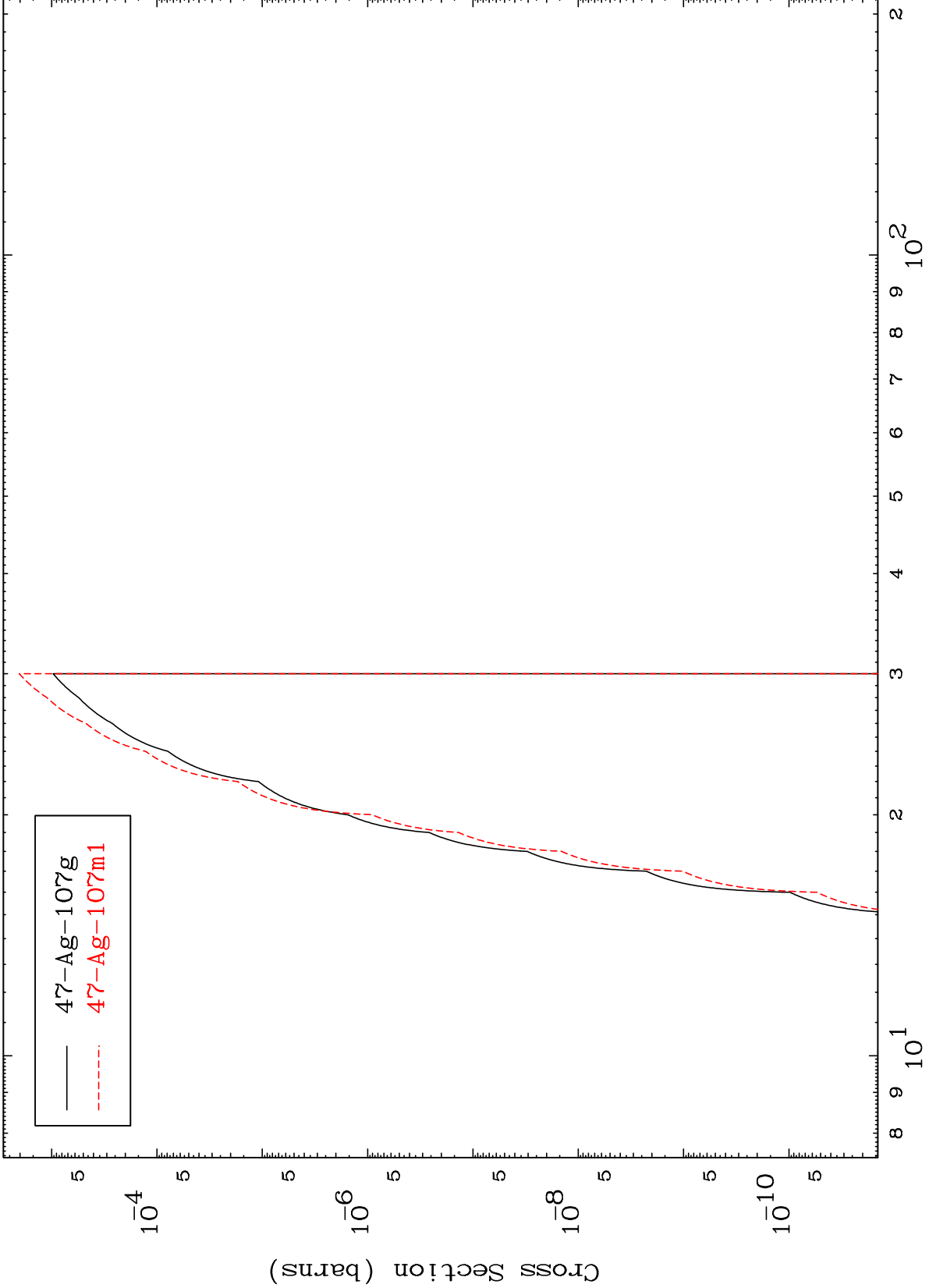
Incident Energy (MeV)

MAT 4834

(n,He-3)

48-Cd-109

Radionuclide Production Cross Section



21

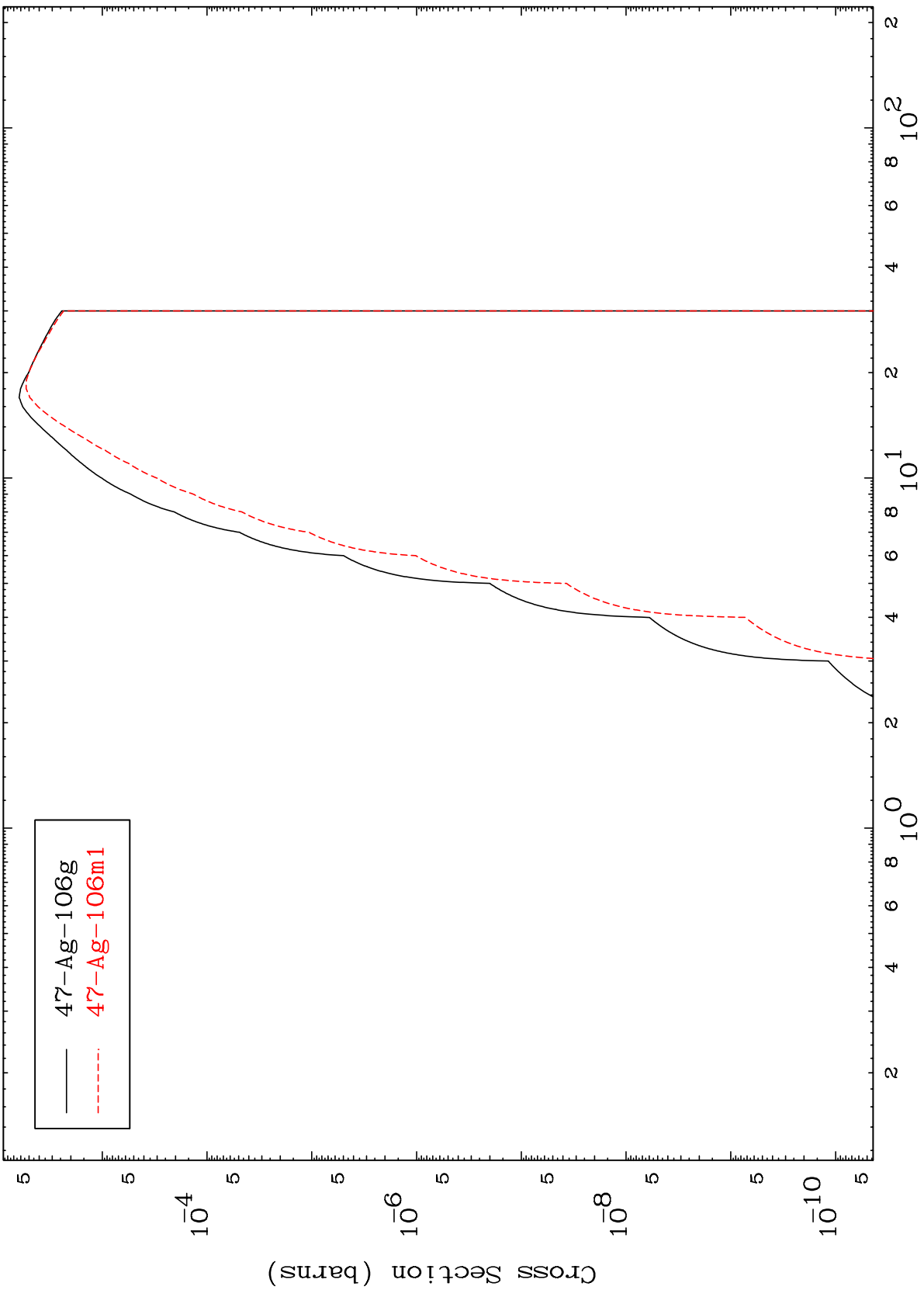
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

Radionuclide Production Cross Section  
(n,  $\alpha$ )



48-Cd-109

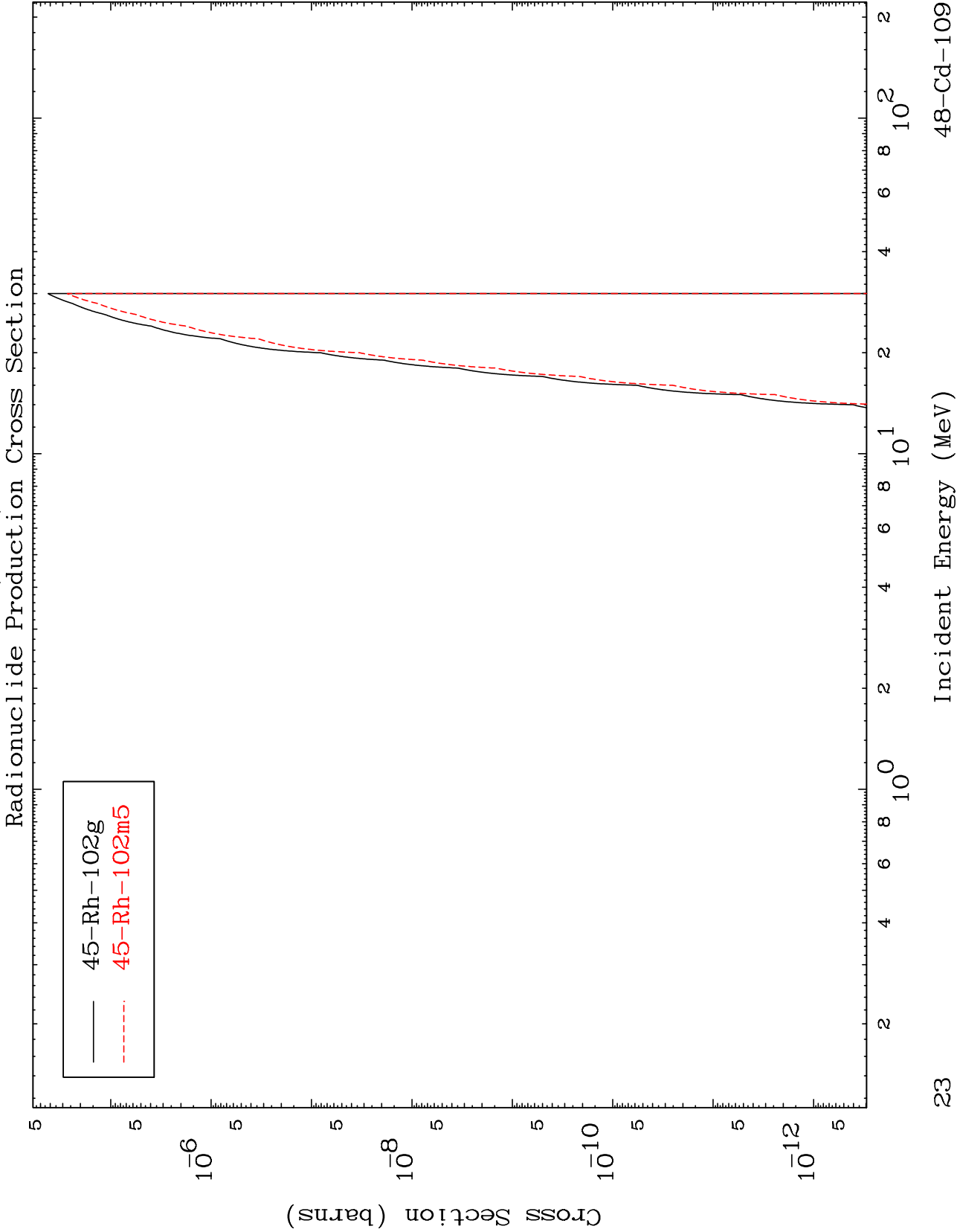
Incident Energy (MeV)

22

MAT 4834

(n,2α)

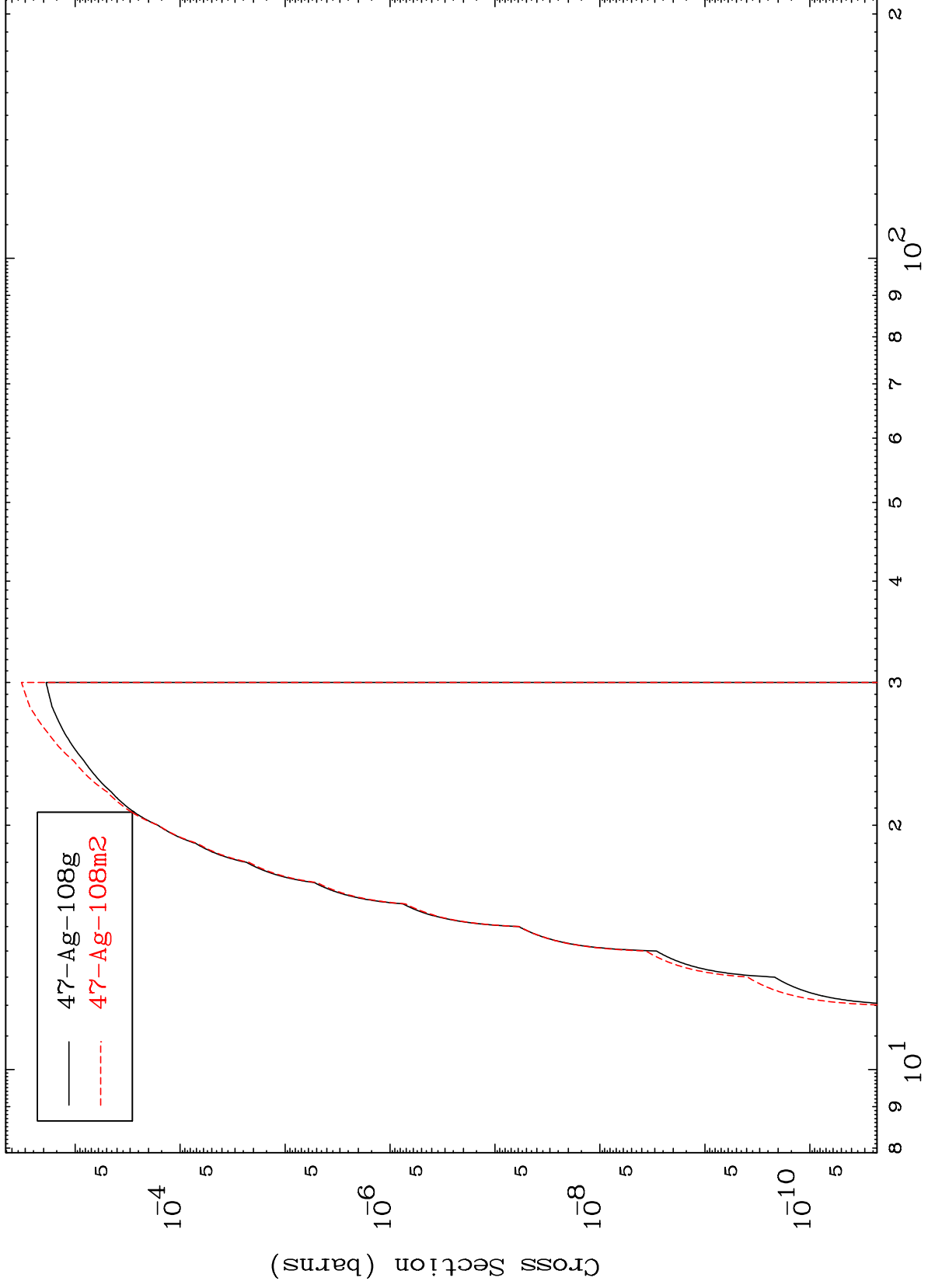
48-Cd-109



MAT 4834

48-Cd-109

(n,2p)  
Radionuclide Production Cross Section

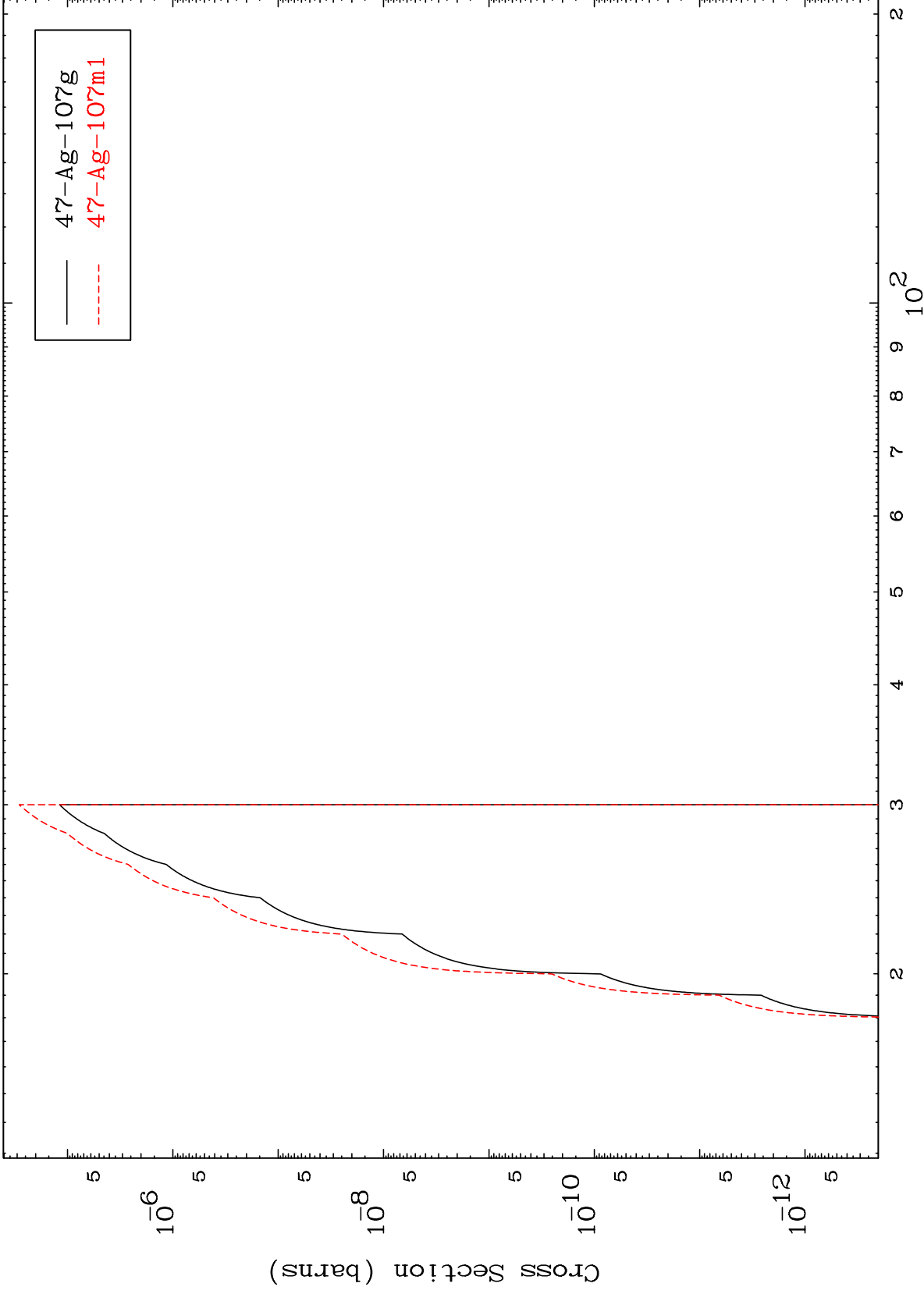


24

Incident Energy (MeV)

48-Cd-109

Radionuclide Production Cross Section

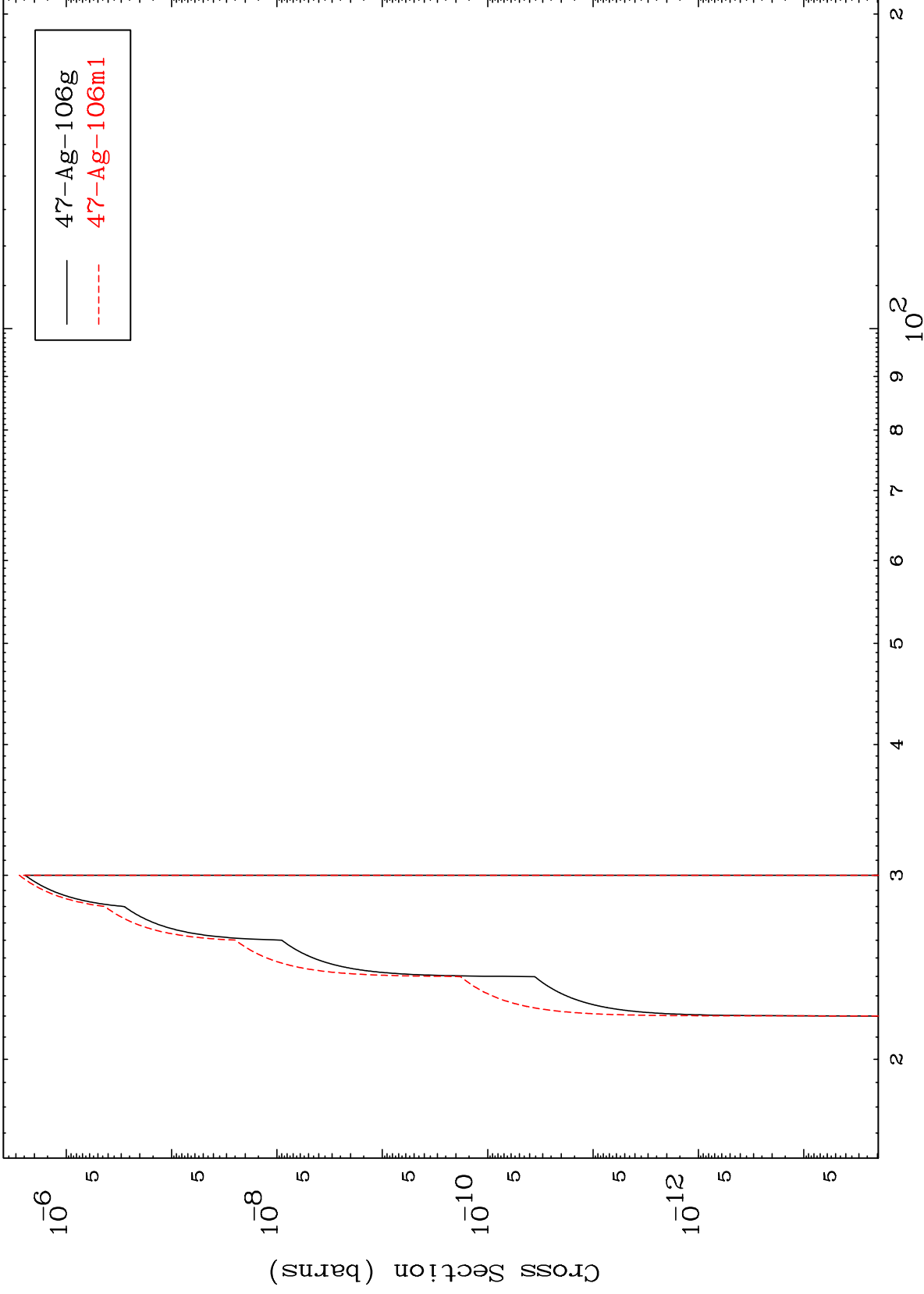


MAT 4834

(n,p) t

48-Cd-109

Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-109