

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

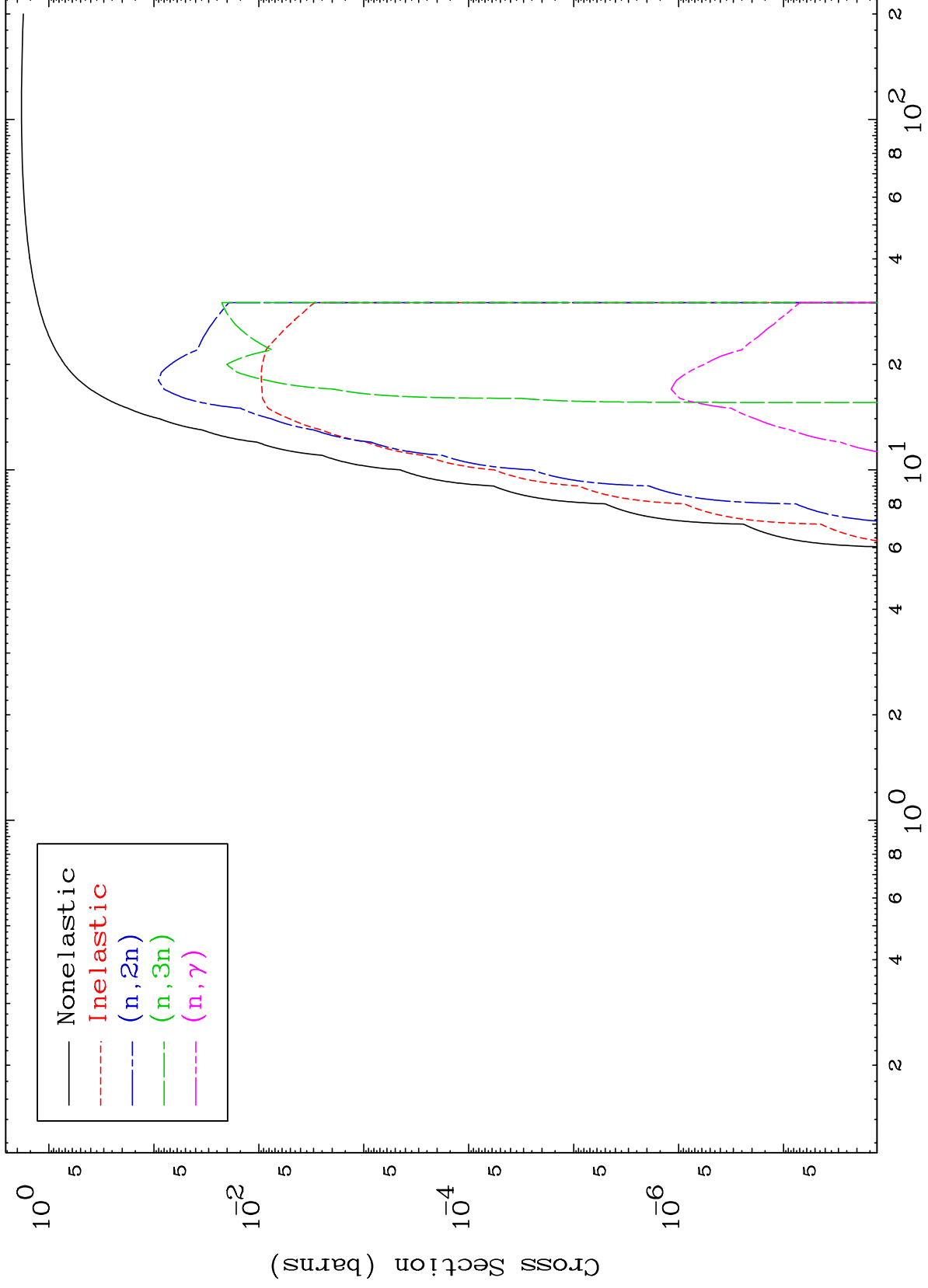
Press Mouse Button to Start

MAT 4834

He-3 Major

48-Cd-109

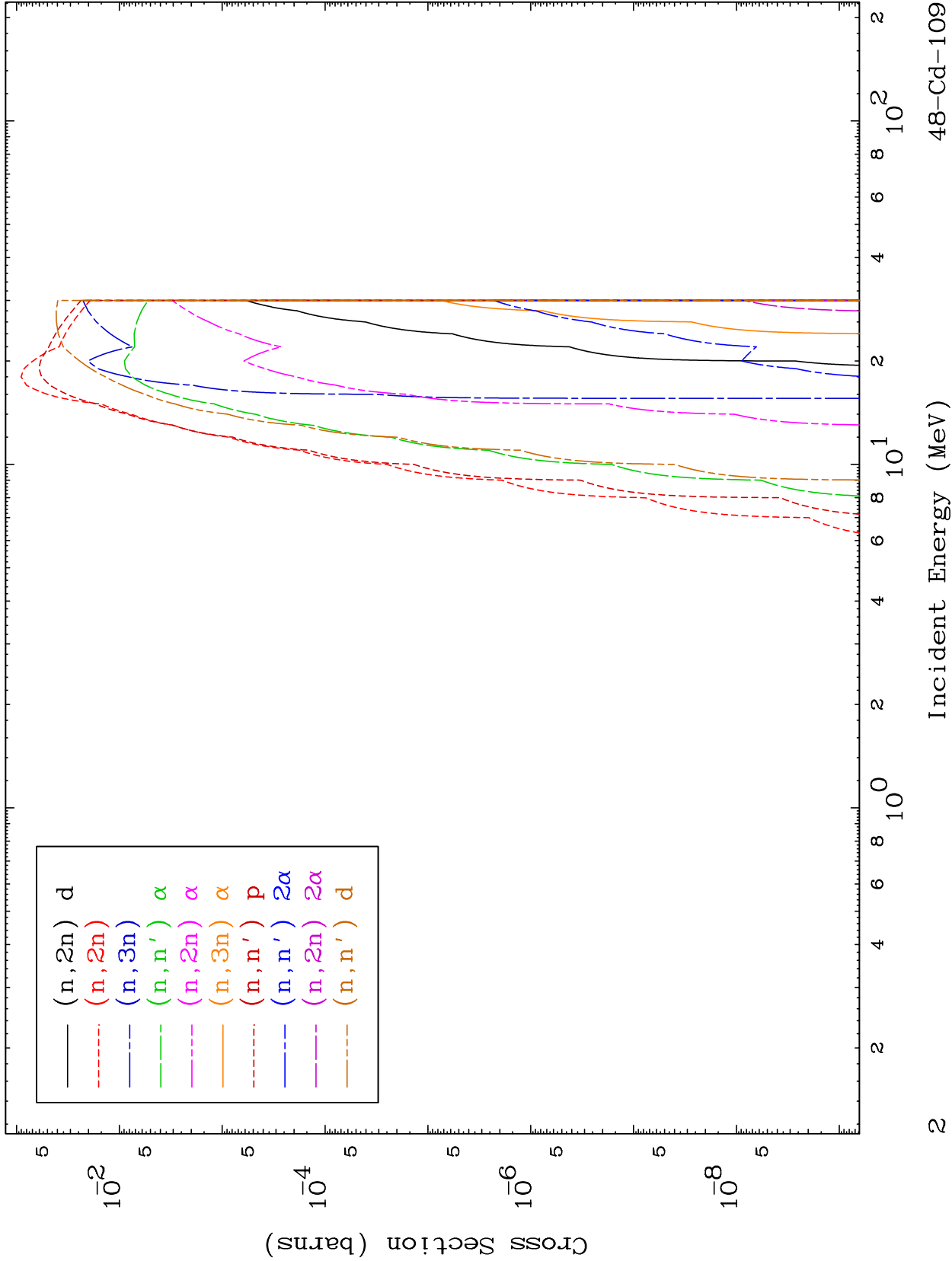
0 Kelvin Cross Sections



MAT 4834

He-3 Neutron Absorption
0 Kelvin Cross Sections

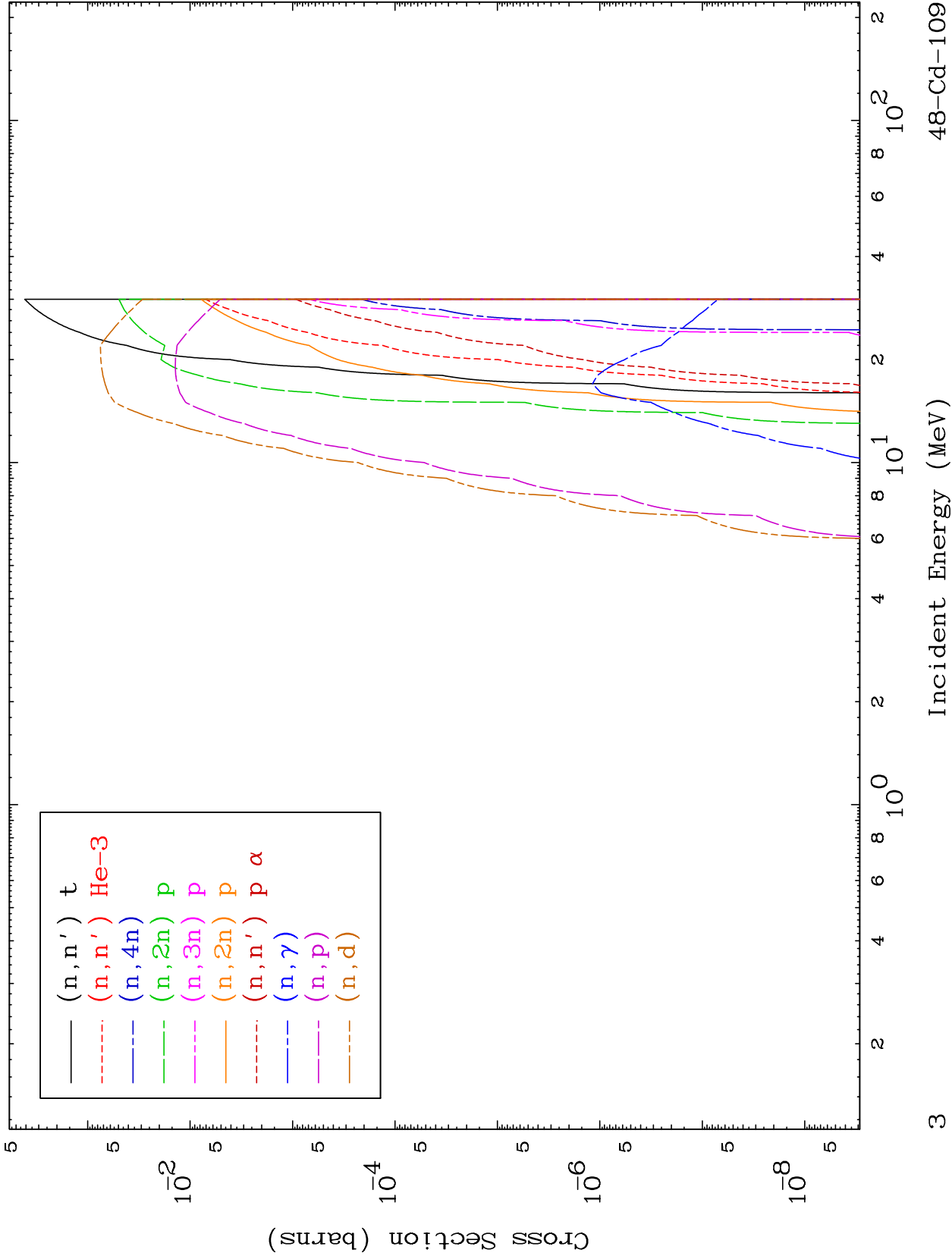
48-Cd-109



MAT 4834

He-3 Neutron Absorption
0 Kelvin Cross Sections

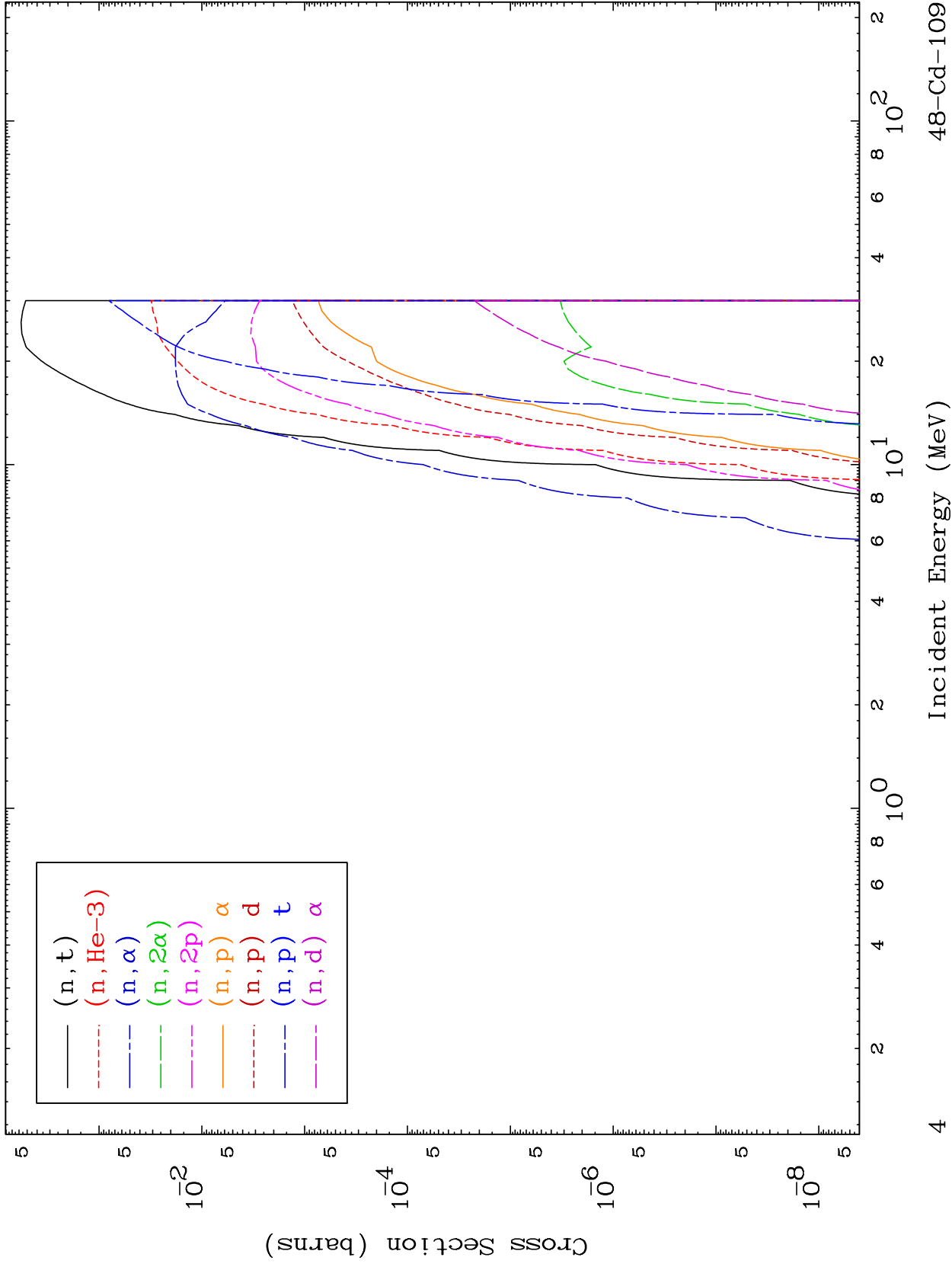
48-Cd-109



MAT 4834

He-3 Neutron Absorption
0 Kelvin Cross Sections

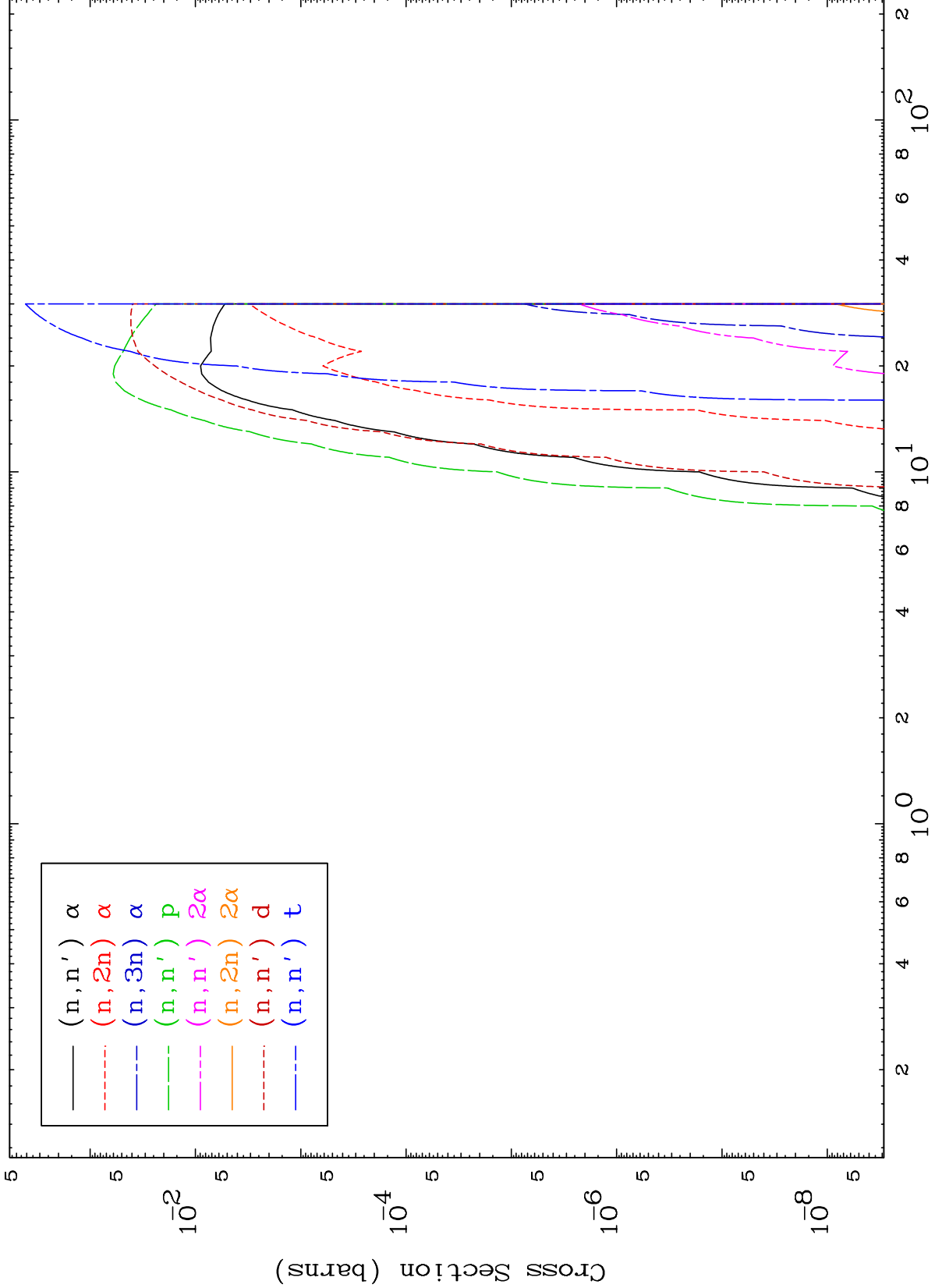
48-Cd-109



MAT 4834

He-3 Charged Particle
0 Kelvin Cross Sections

48-Cd-109



5

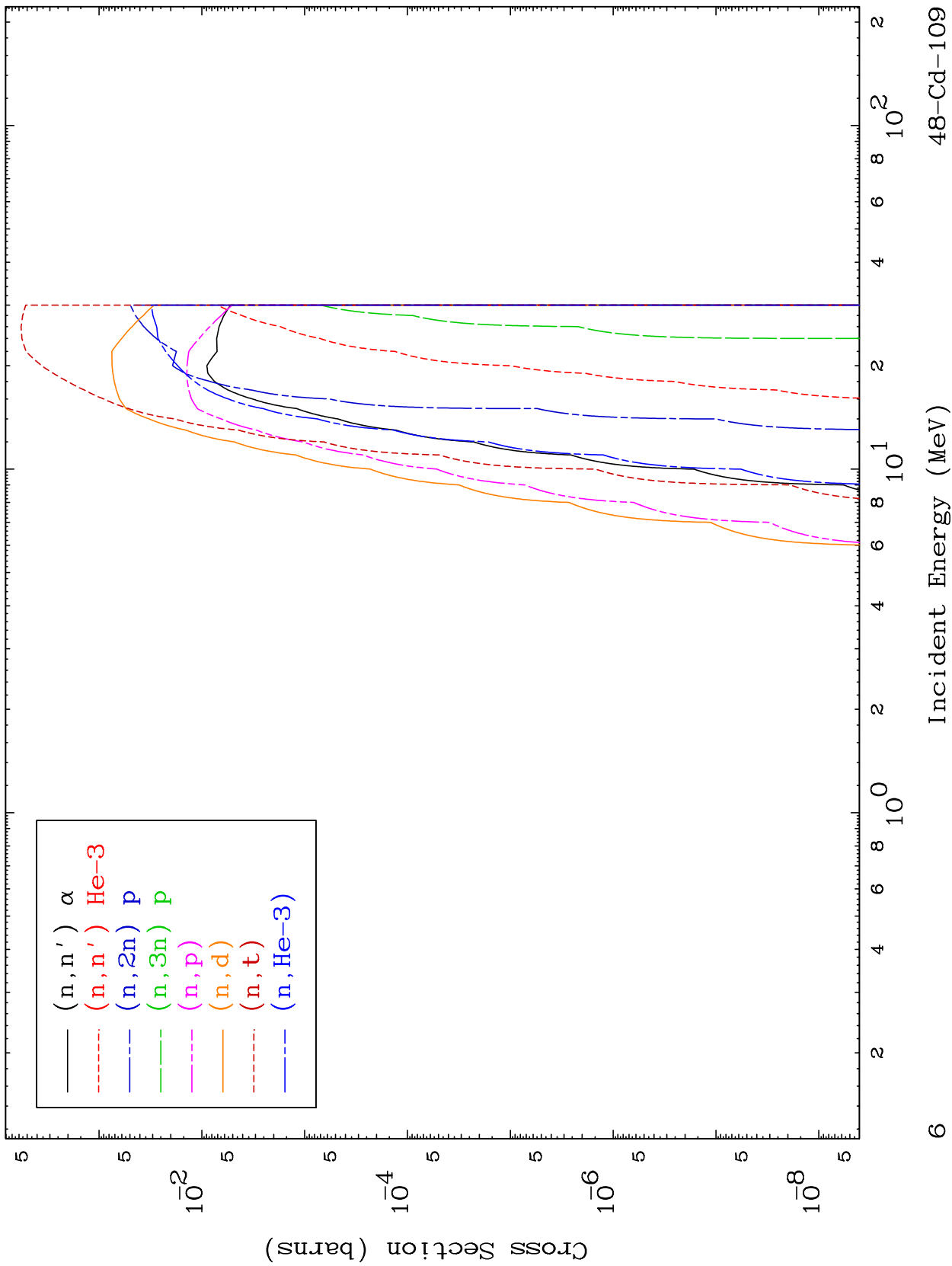
Incident Energy (MeV)

48-Cd-109

MAT 4834

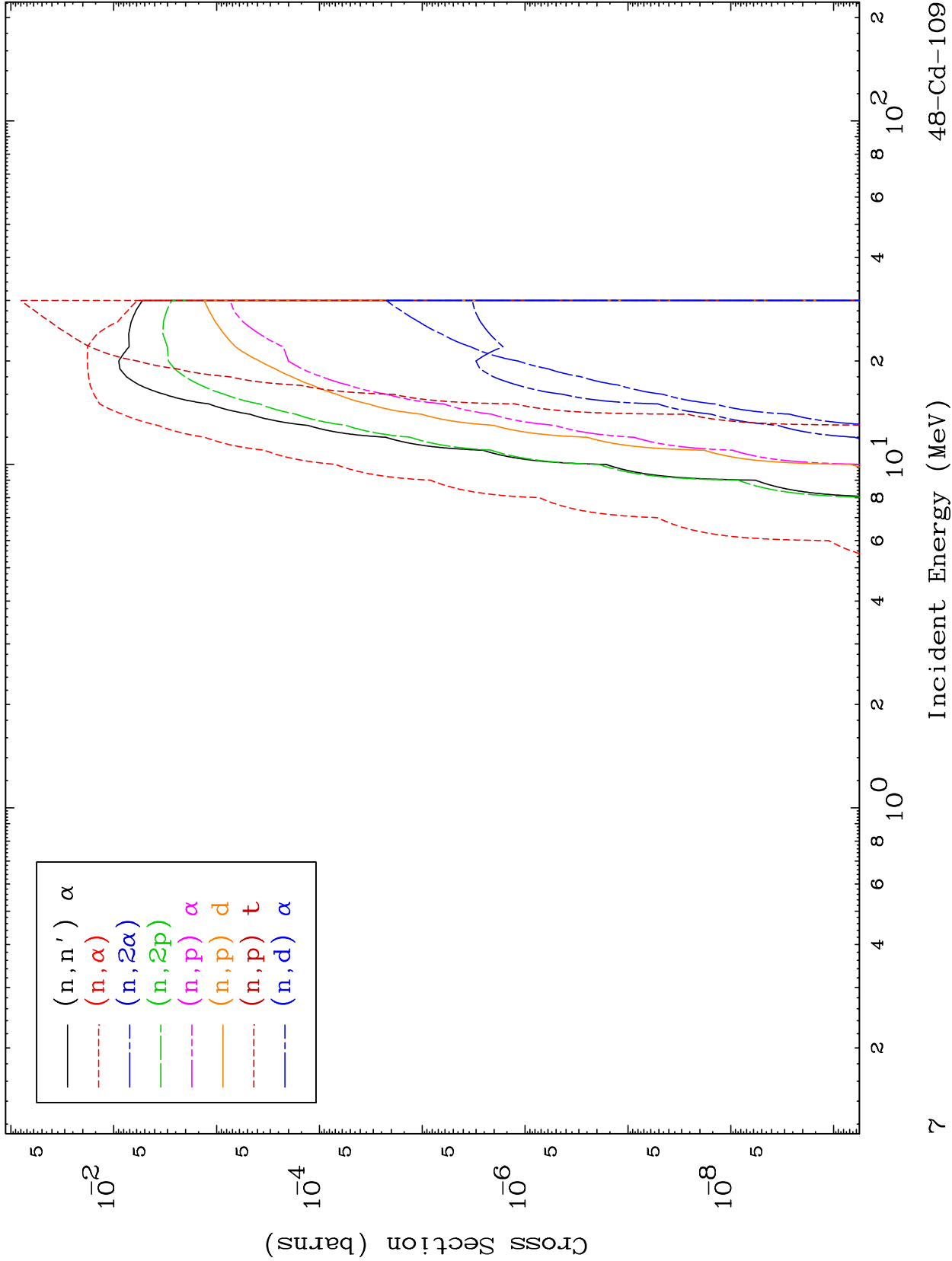
He-3 Charged Particle
0 Kelvin Cross Sections

48-Cd-109



6

48-Cd-109



MAT 4834

(He-3,p) Levels

48-Cd-109

0 Kelvin Cross Sections

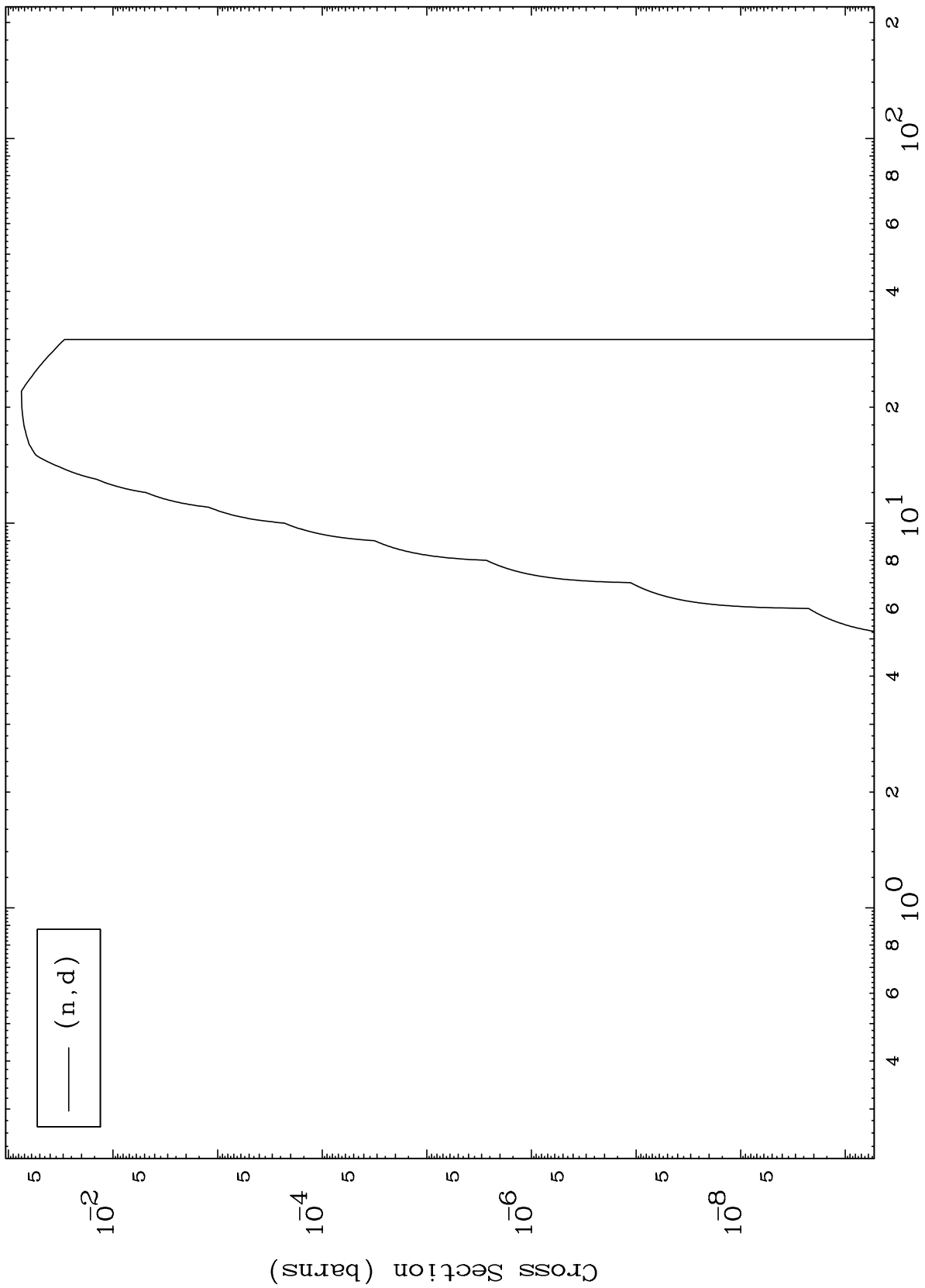


MAT 4834

(He-3,d) Levels

48-Cd-109

0 Kelvin Cross Sections

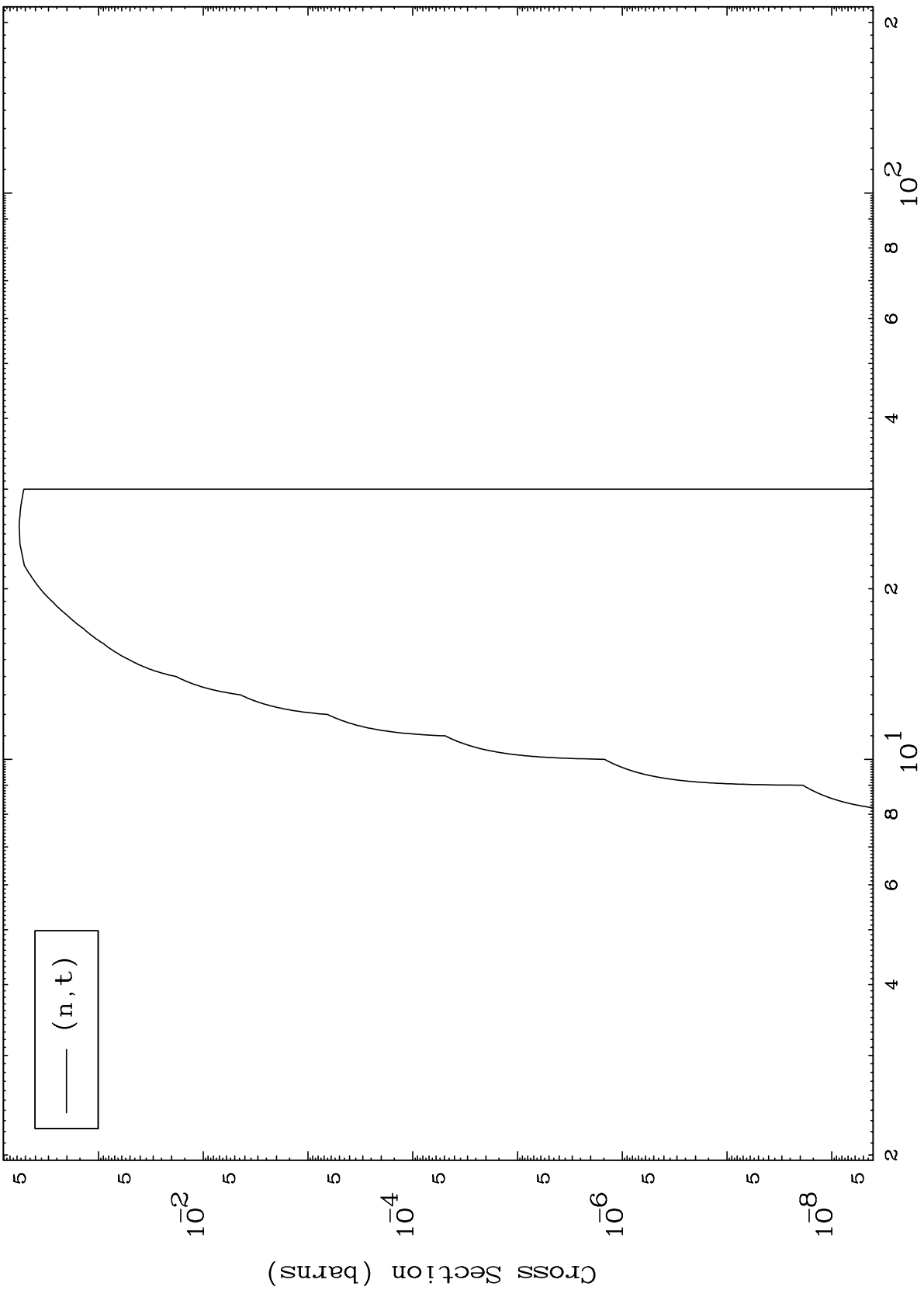


MAT 4834

(He-3,t) Levels

48-Cd-109

0 Kelvin Cross Sections



10

Incident Energy (MeV)

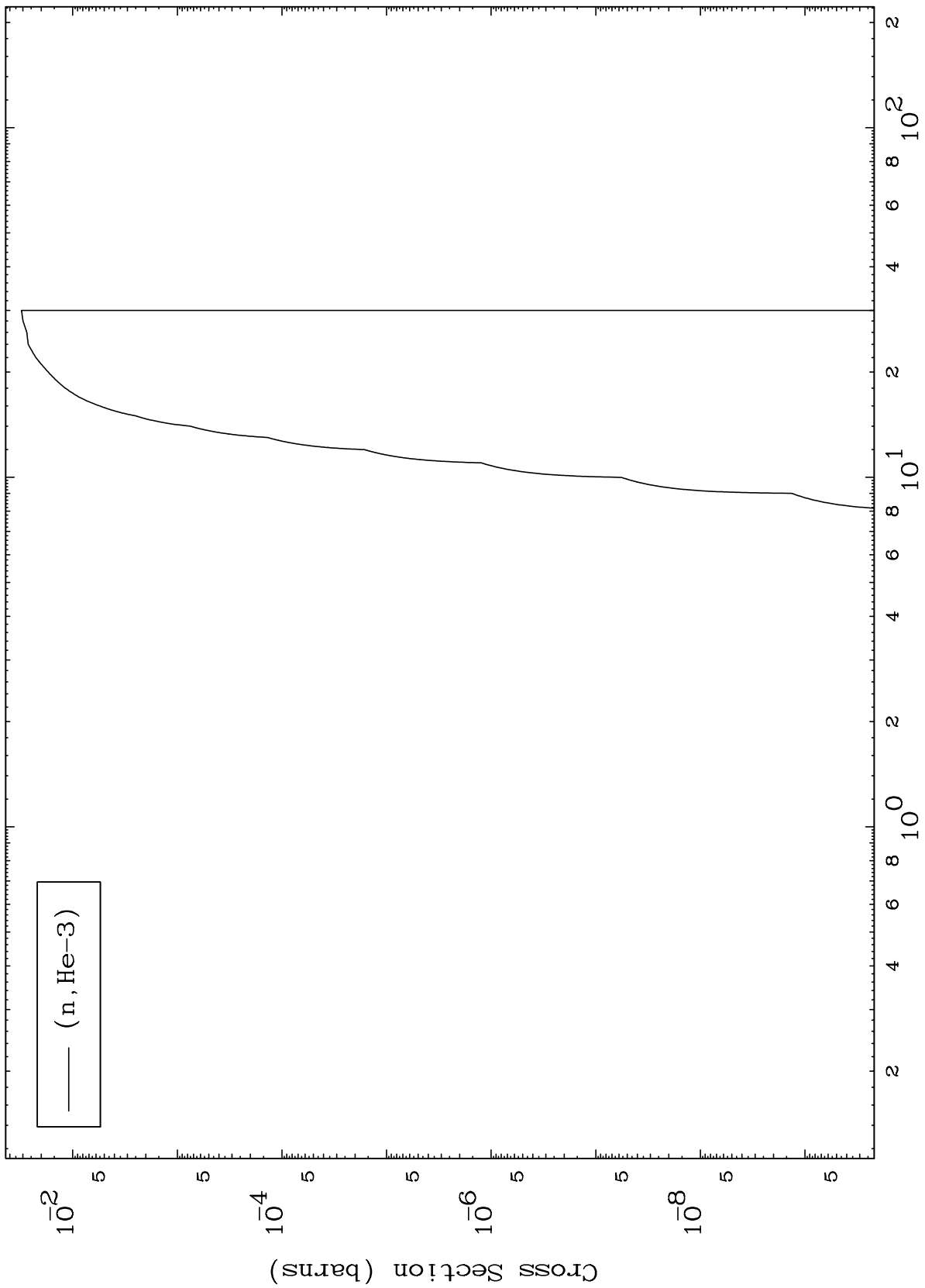
48-Cd-109

MAT 4834

(He-3, He3) Levels

48-Cd-109

0 Kelvin Cross Sections

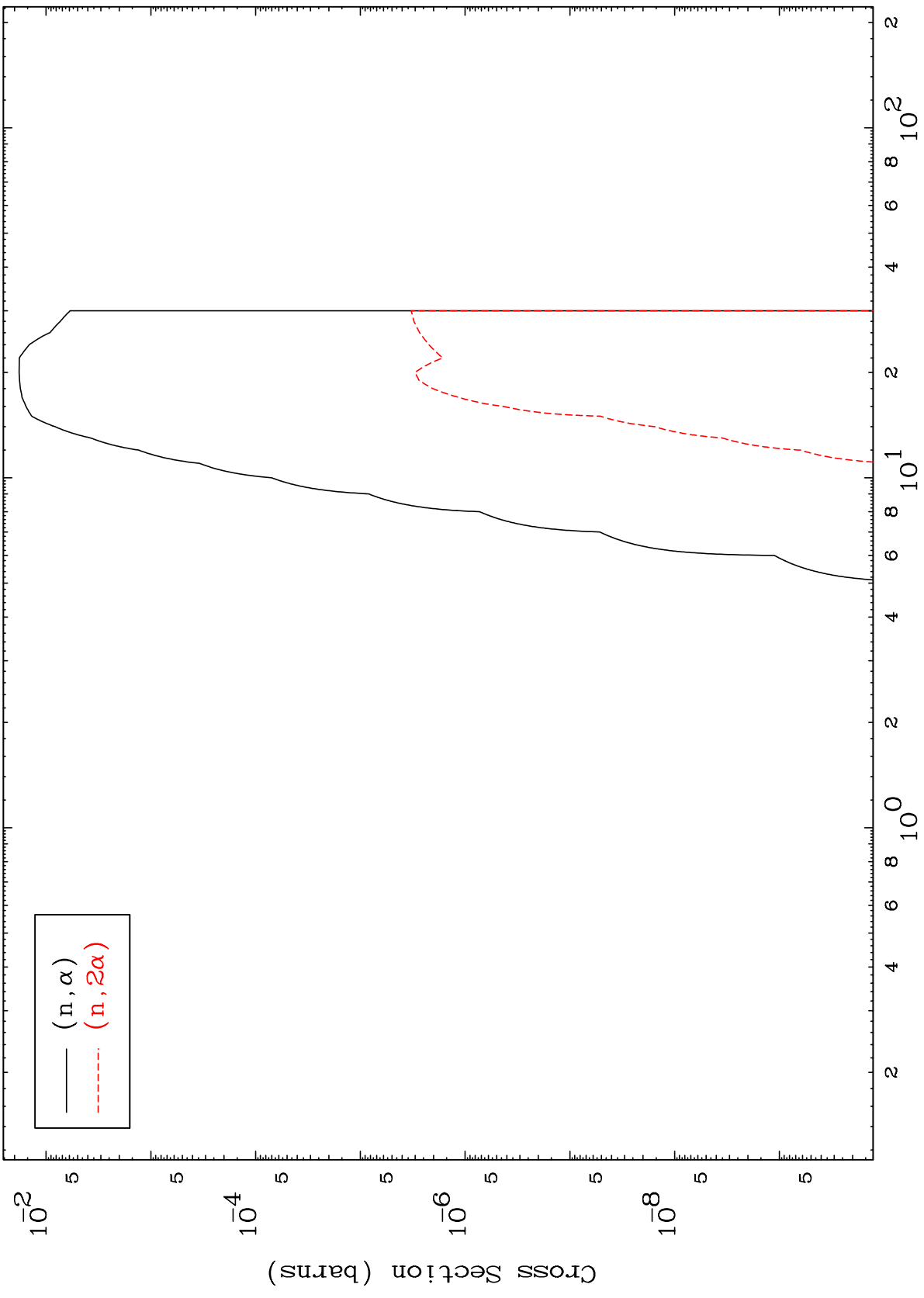


MAT 4834

(He-3, α) Levels

48-Cd-109

0 Kelvin Cross Sections



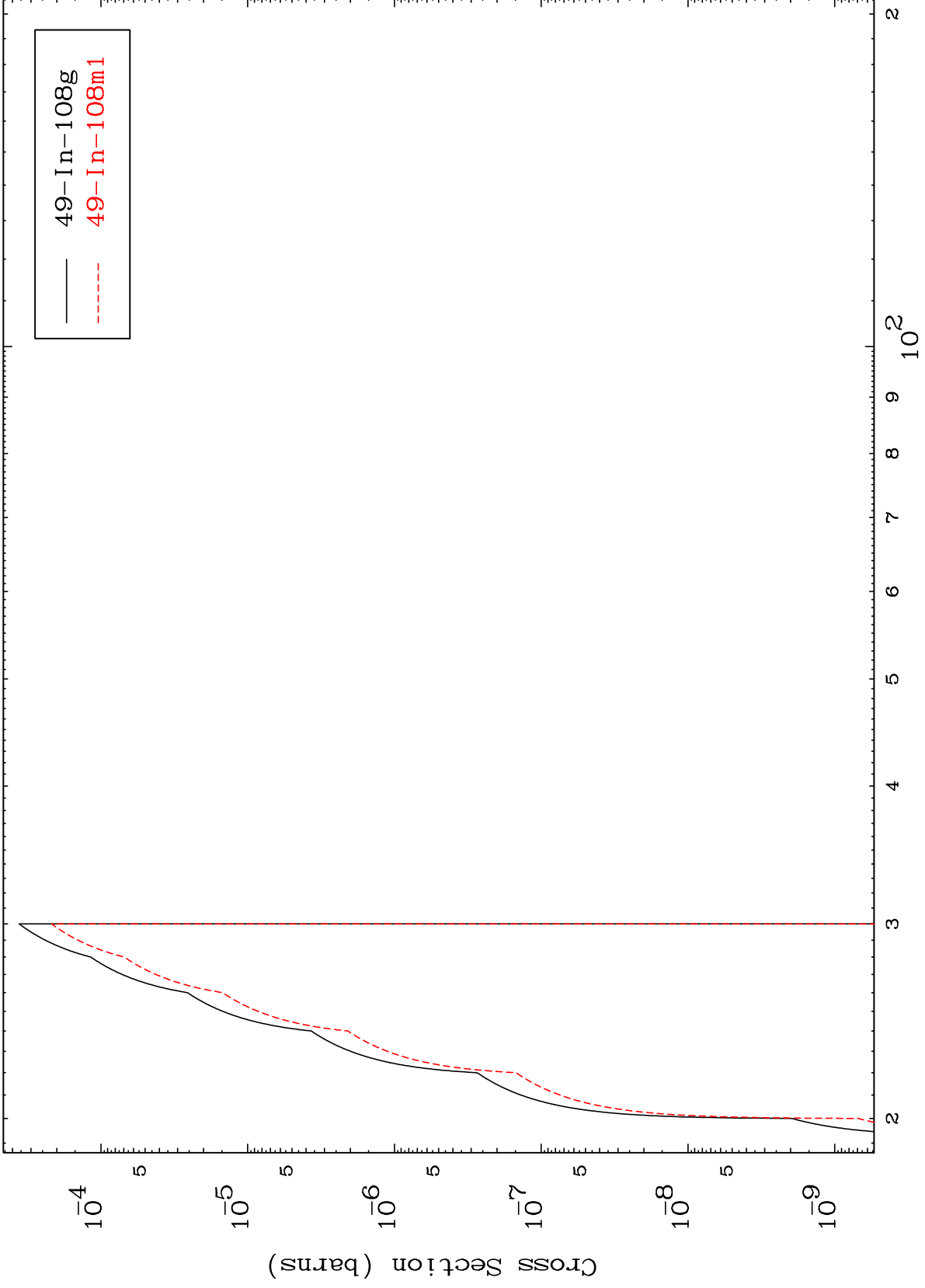
— (n, α)
- - - (n, 2α)

MAT 4834

(n,2n) d

48-Cd-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

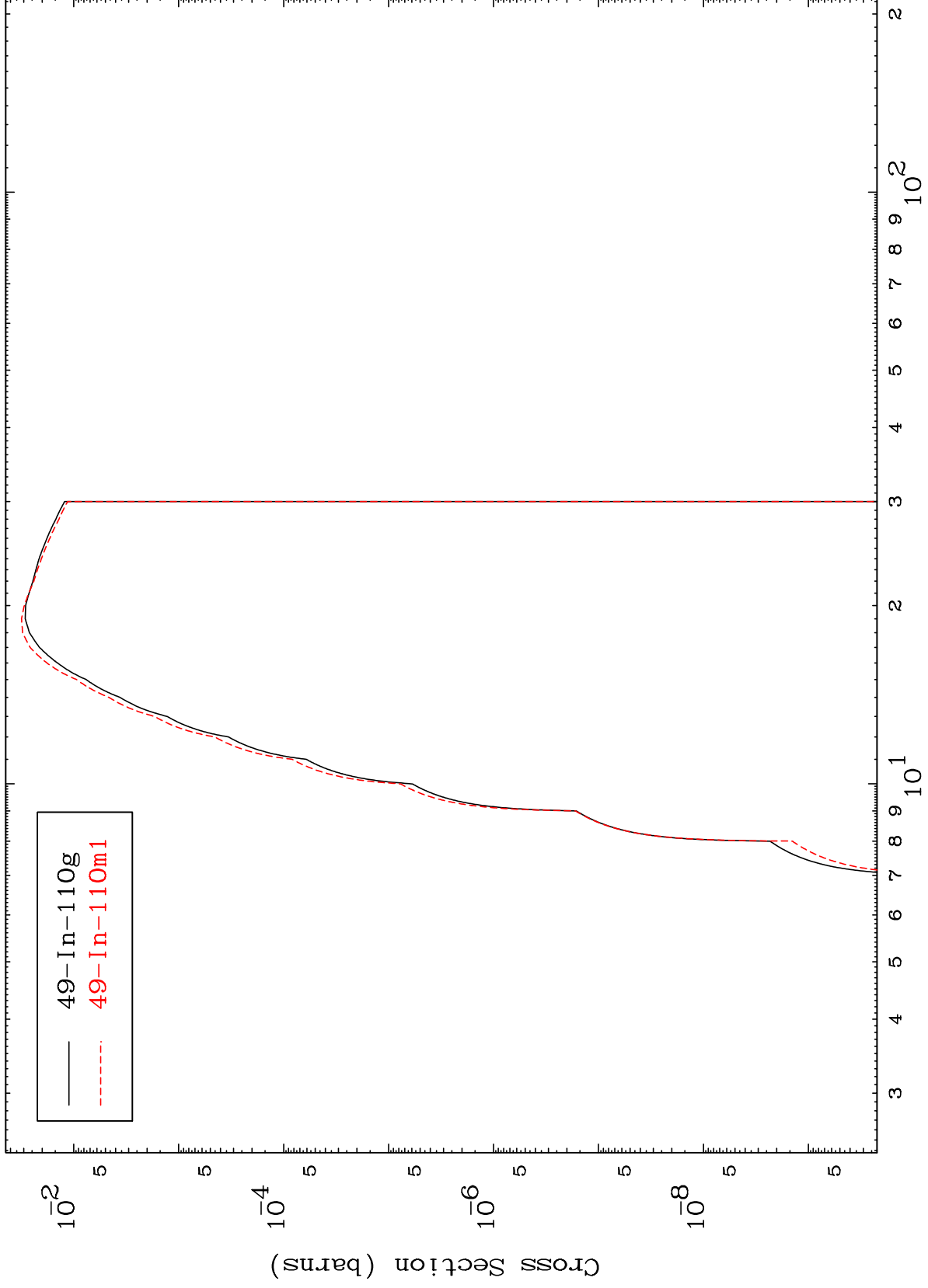
48-Cd-109

MAT 4834

(n,n') p

48-Cd-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

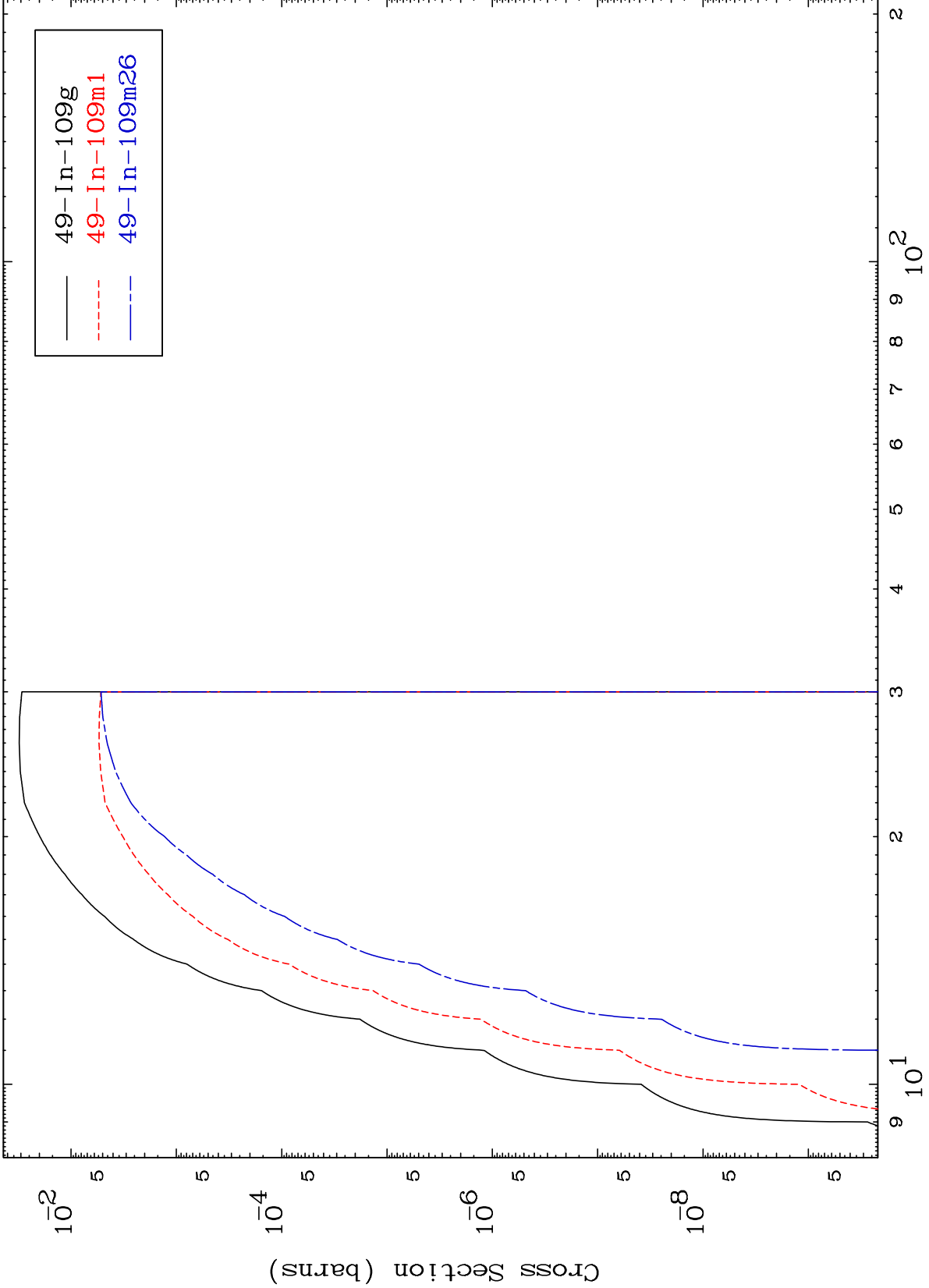
48-Cd-109

MAT 4834

(n,n') d

48-Cd-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

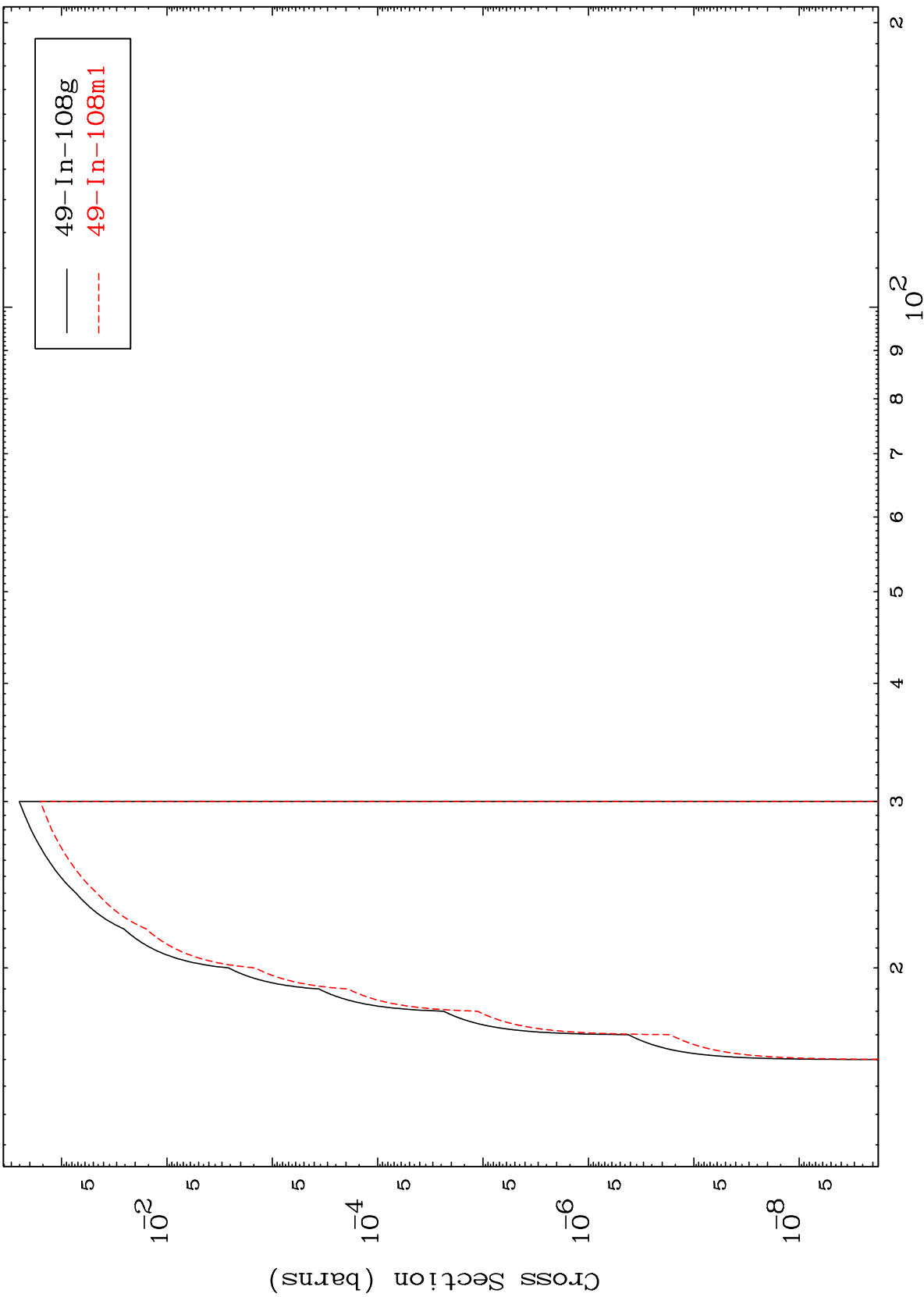
48-Cd-109

MAT 4834

(n,n') t

48-Cd-109

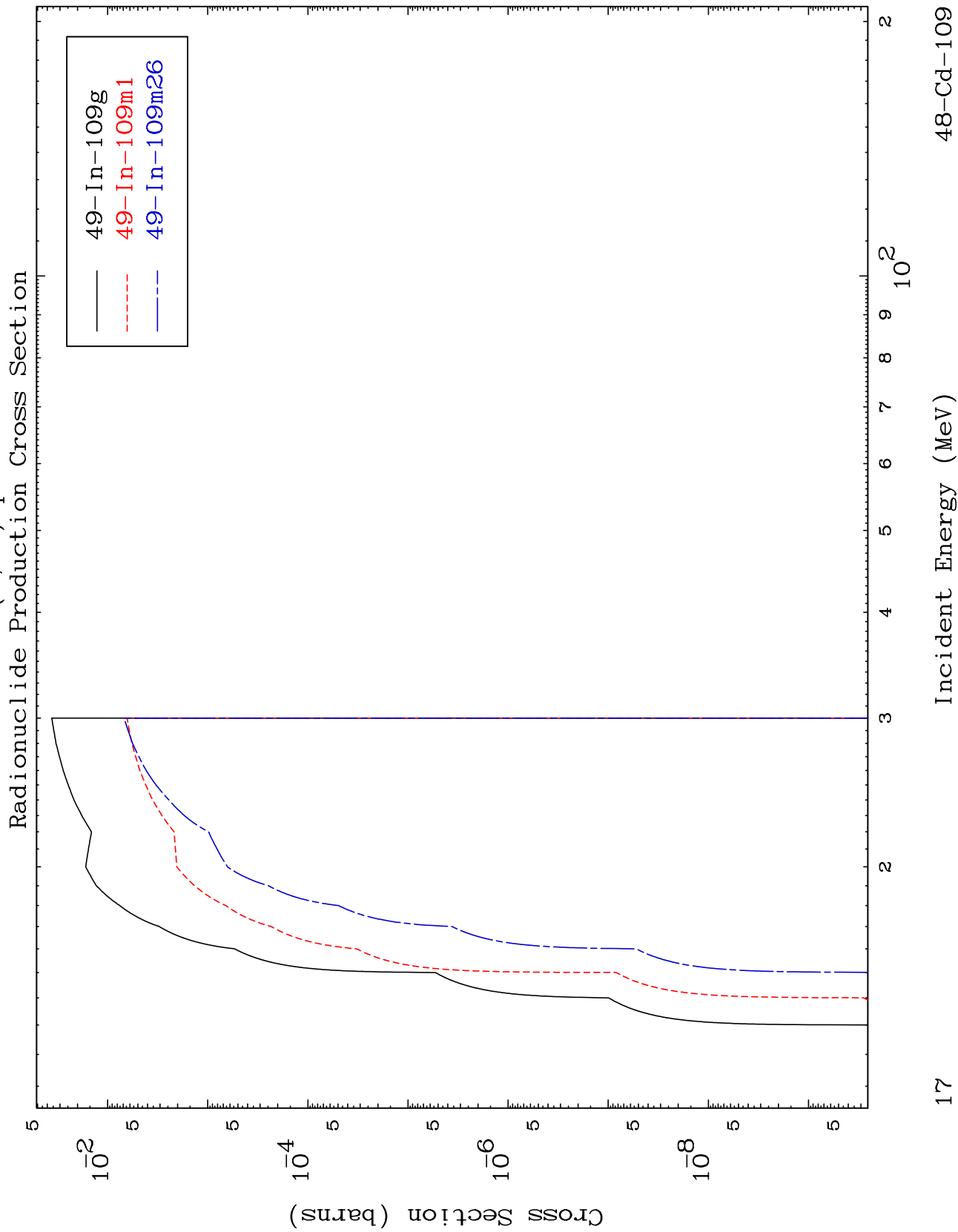
Radionuclide Production Cross Section



16

Incident Energy (MeV)

48-Cd-109

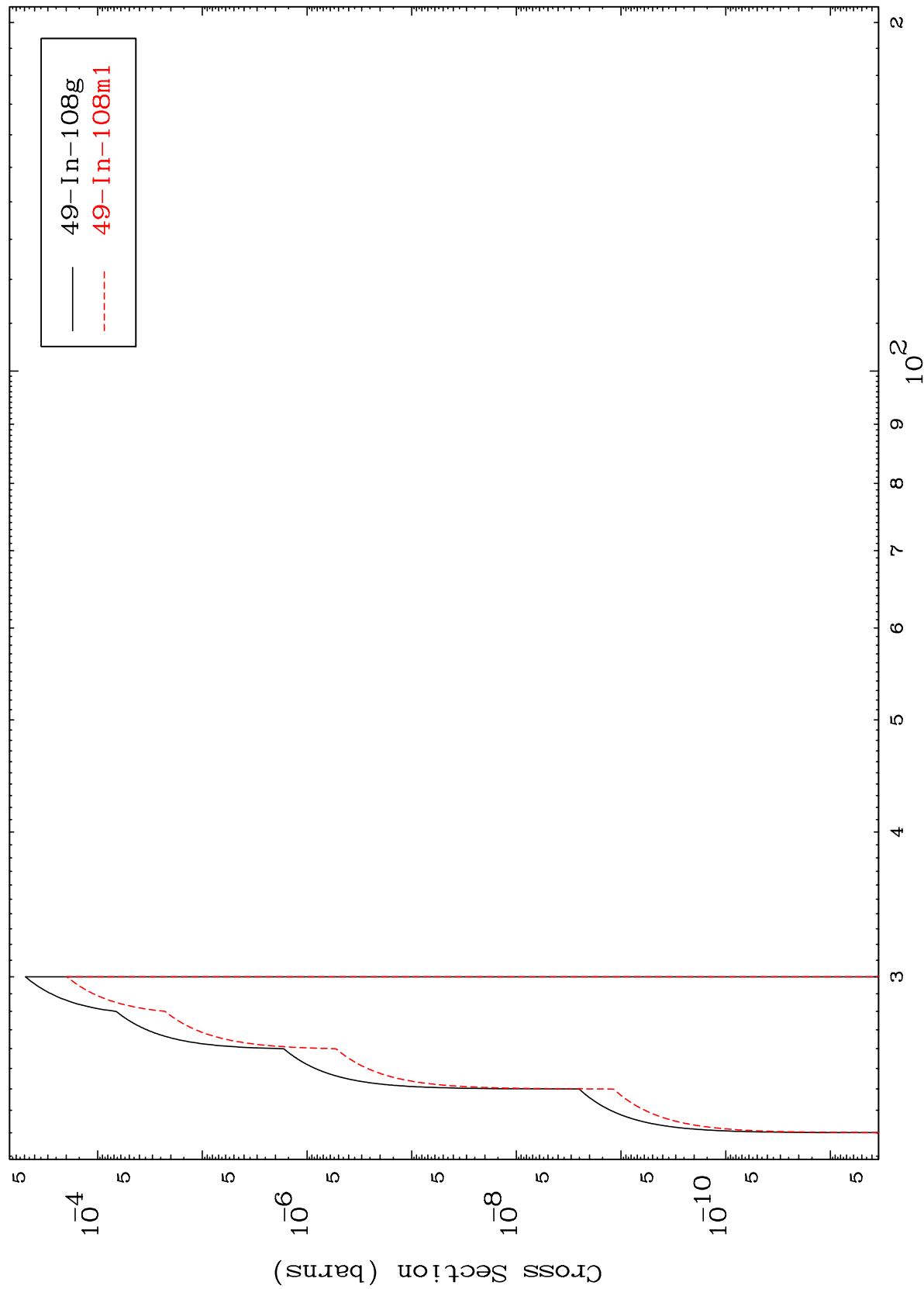


MAT 4834

(n,3n) p

48-Cd-109

Radionuclide Production Cross Section



18

Incident Energy (MeV)

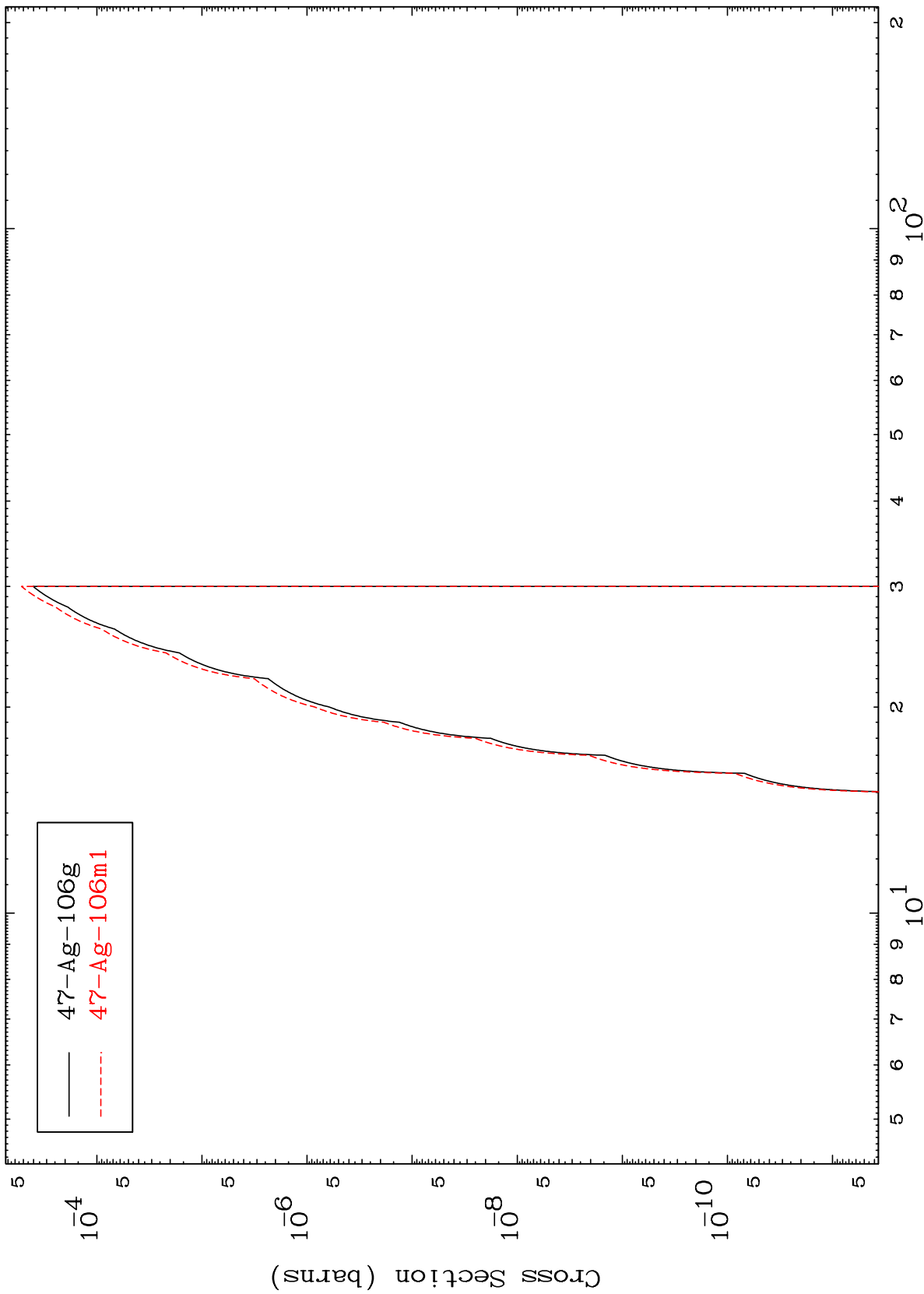
48-Cd-109

MAT 4834

(n,n') p α

48-Cd-109

Radionuclide Production Cross Section



19

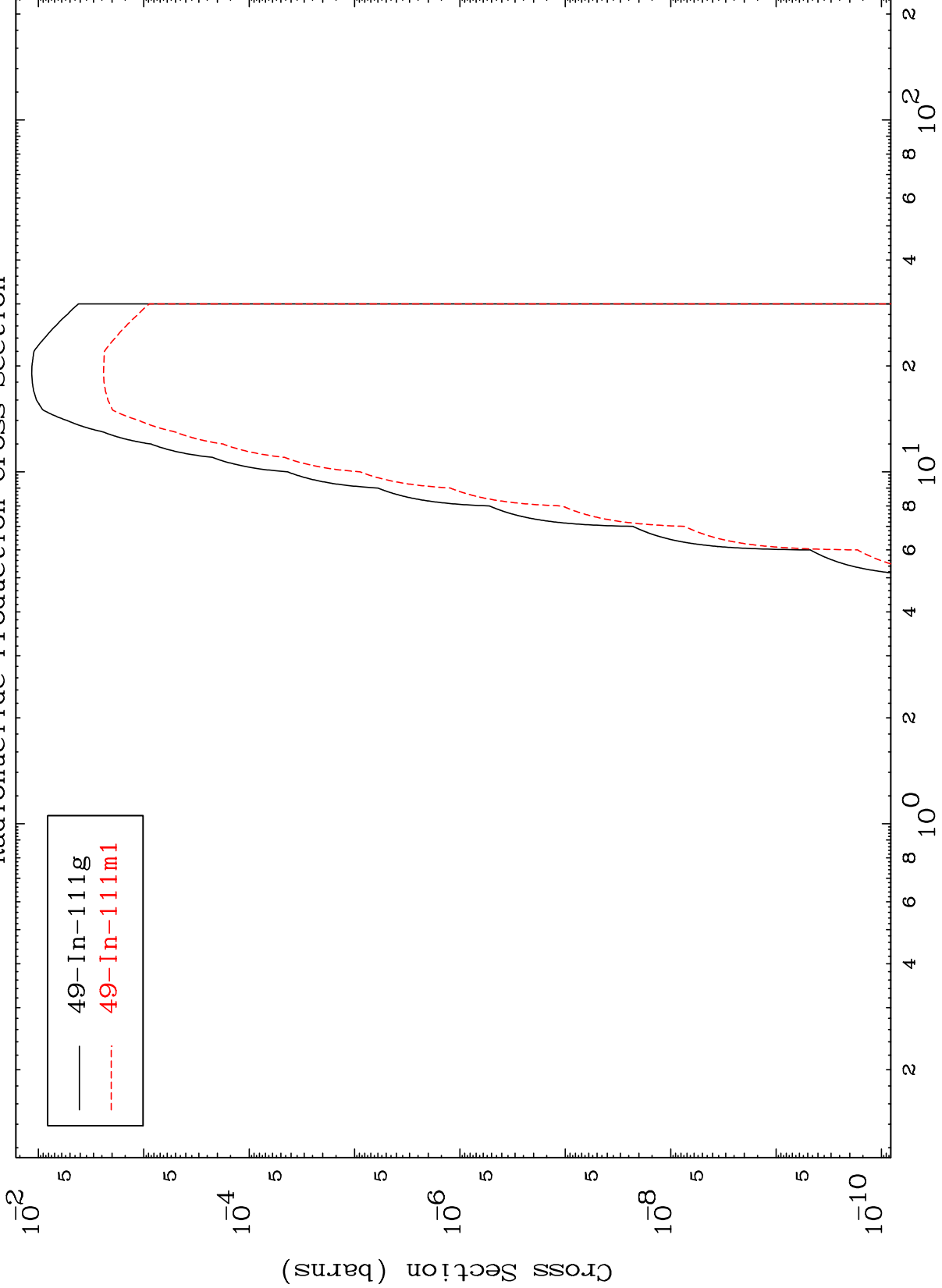
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

(n,p)
Radionuclide Production Cross Section

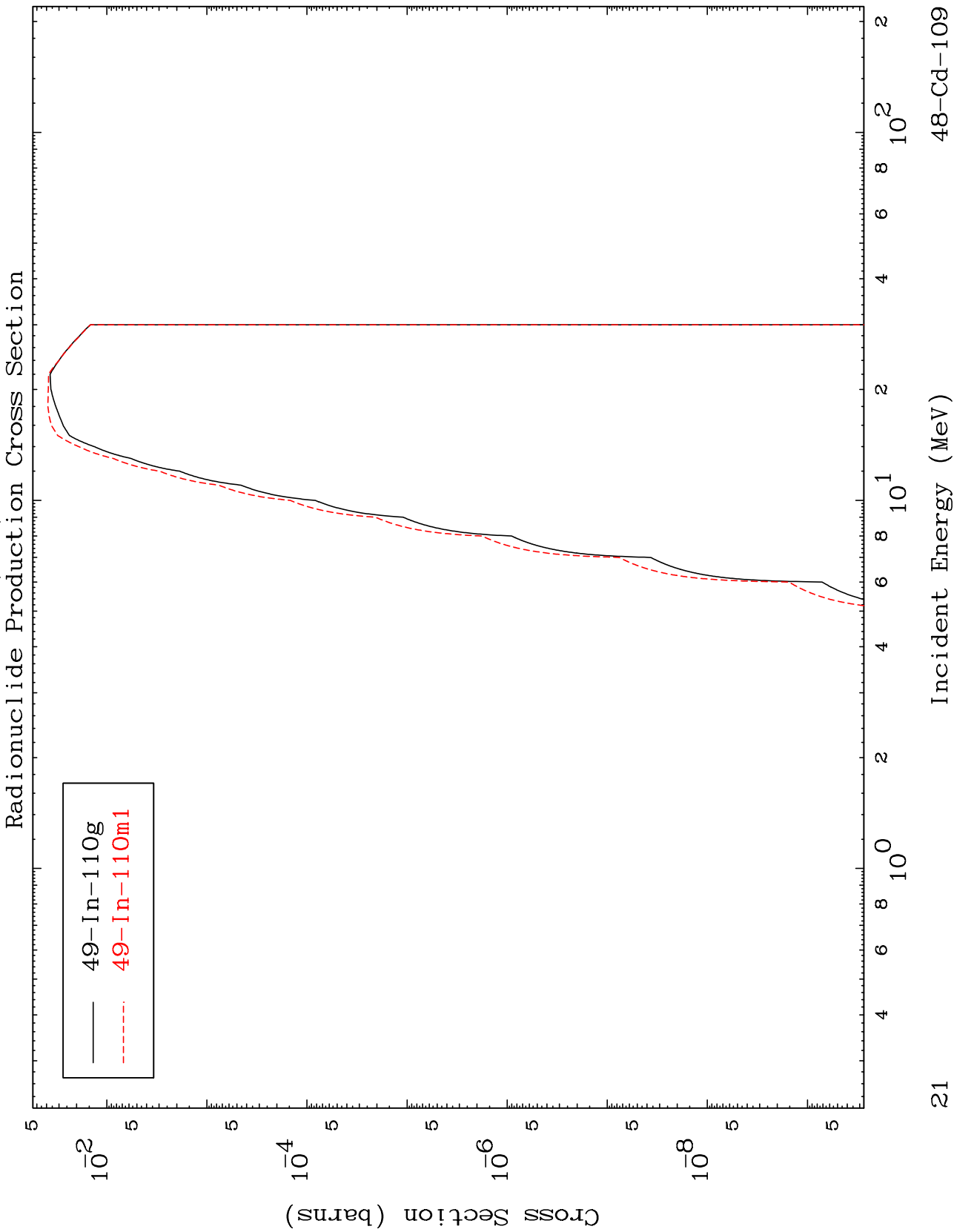


— 49-In-111g
- - - 49-In-111m1

MAT 4834

(n,d)

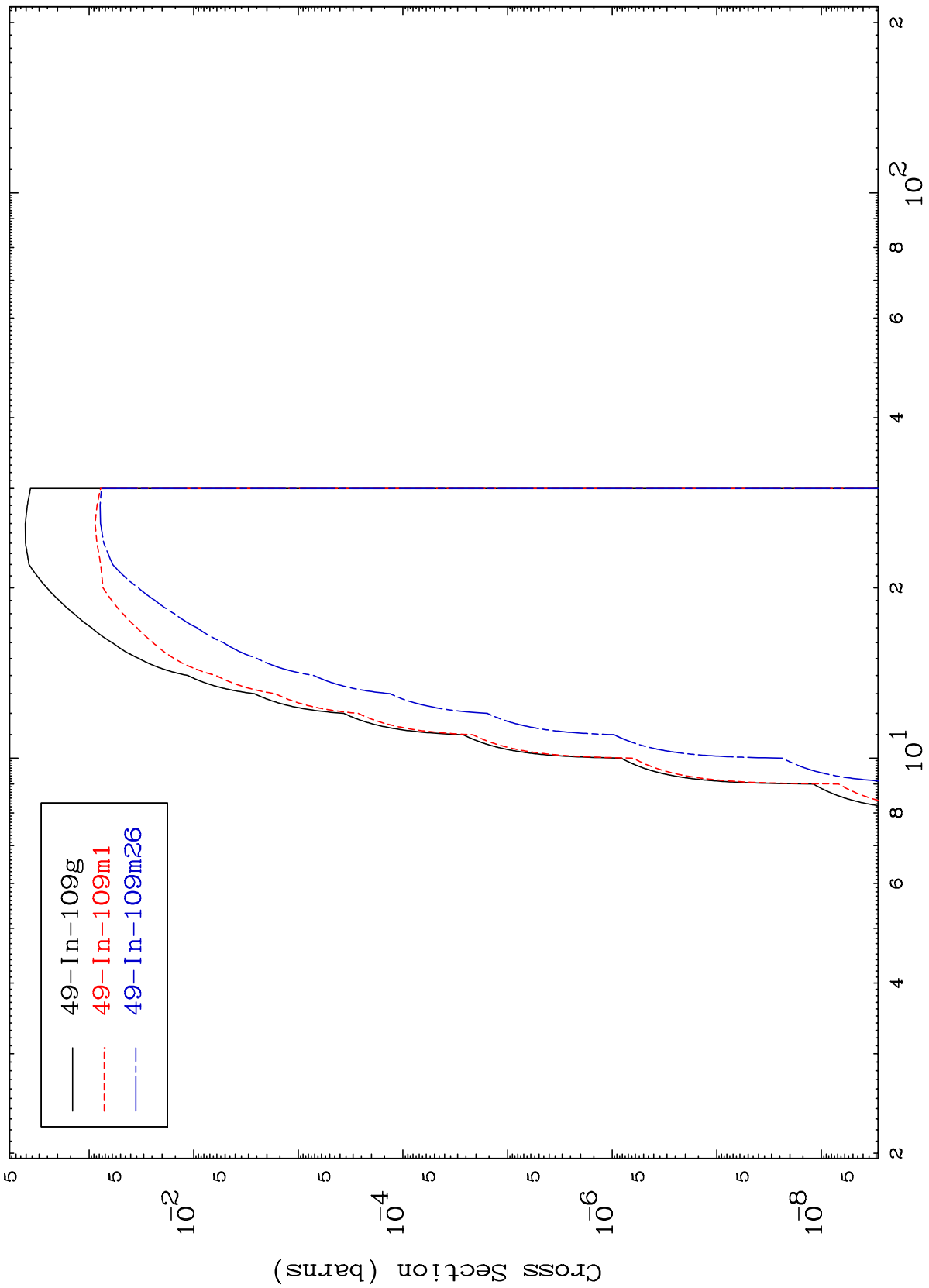
48-Cd-109



MAT 4834

48-Cd-109

(n, t)
Radionuclide Production Cross Section



48-Cd-109

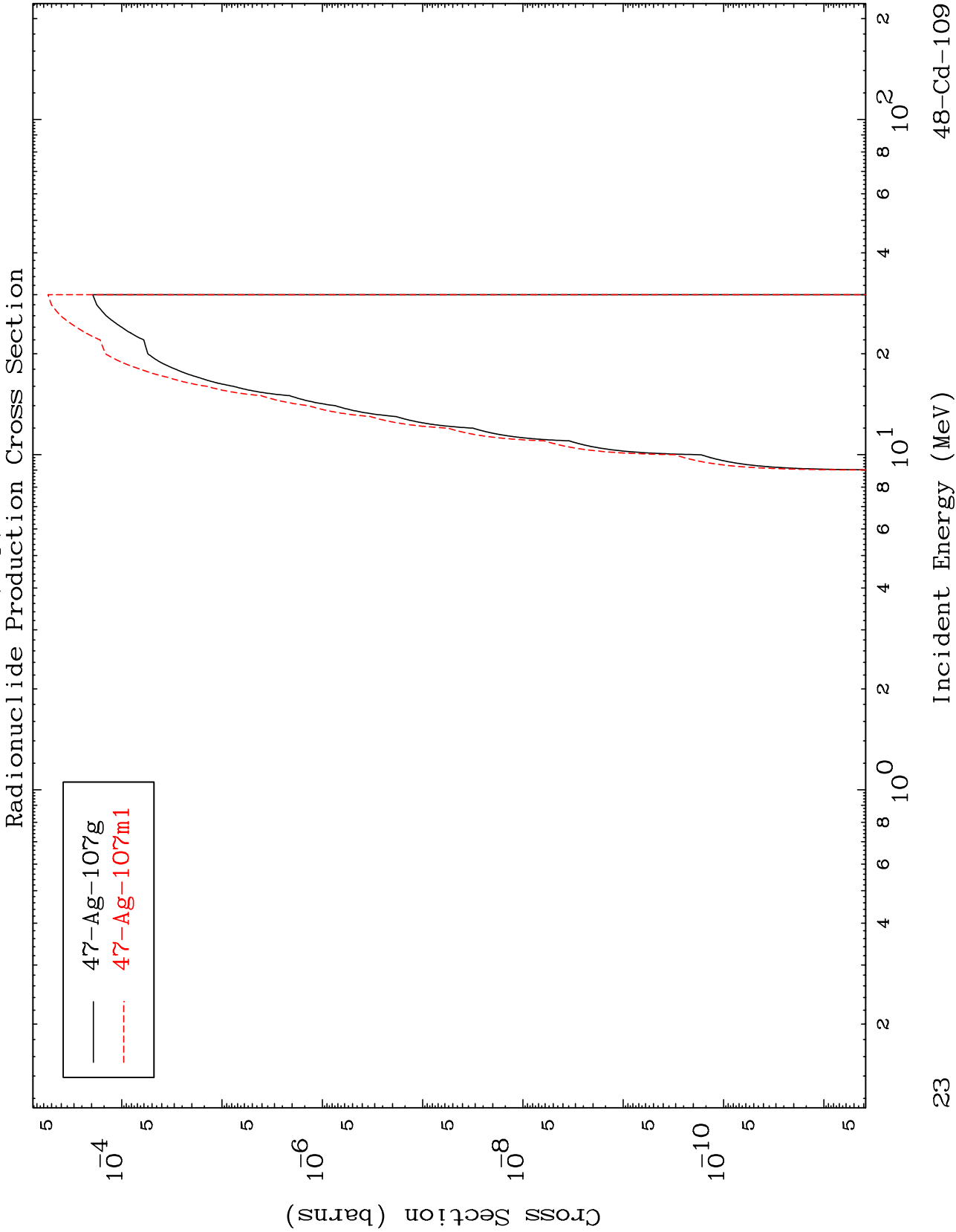
Incident Energy (MeV)

22

MAT 4834

(n,p) α

48-Cd-109

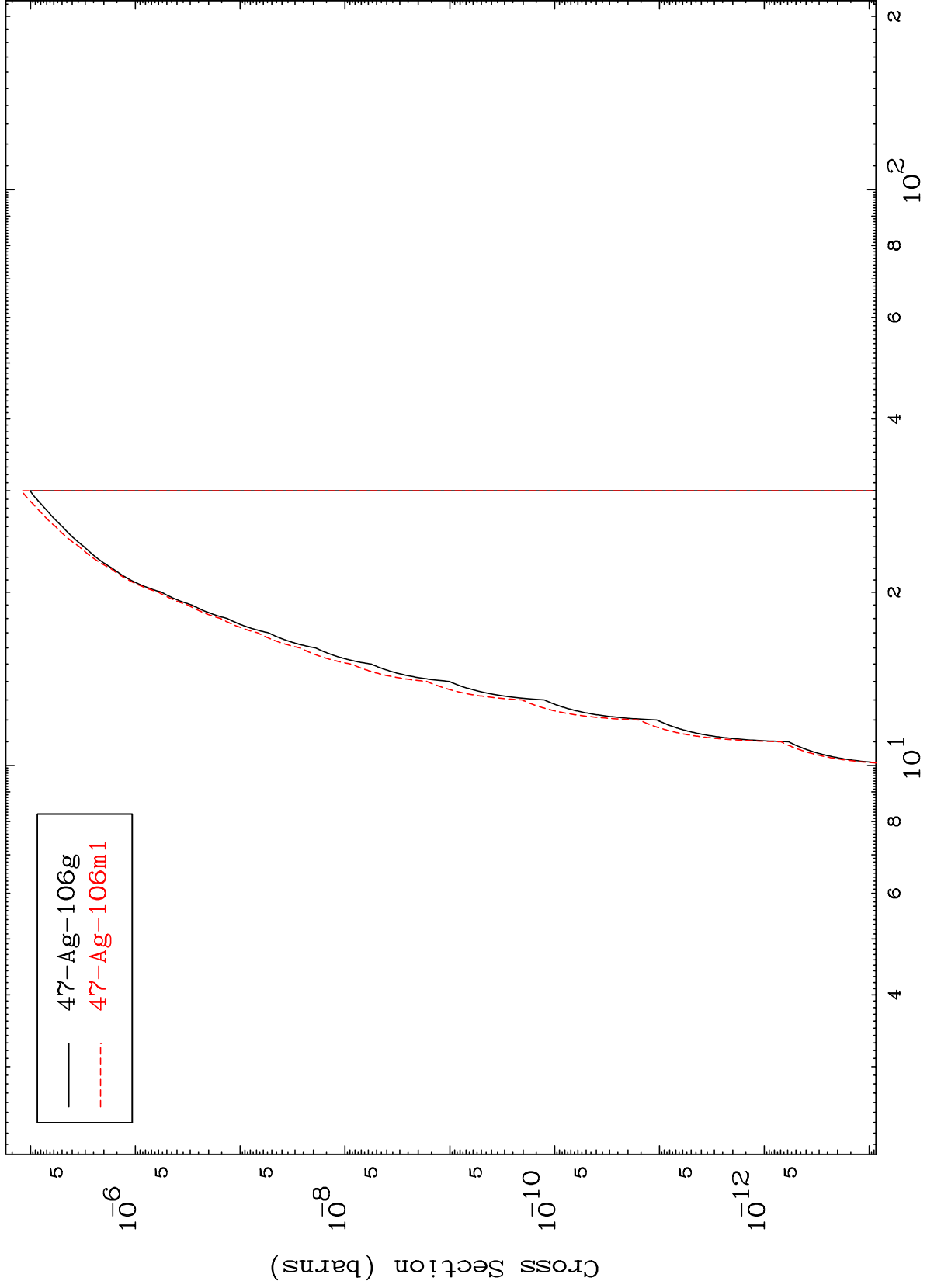


MAT 4834

(n,d) α

48-Cd-109

Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-109