

Program EVALPLOT
(Version 2021-1)

by

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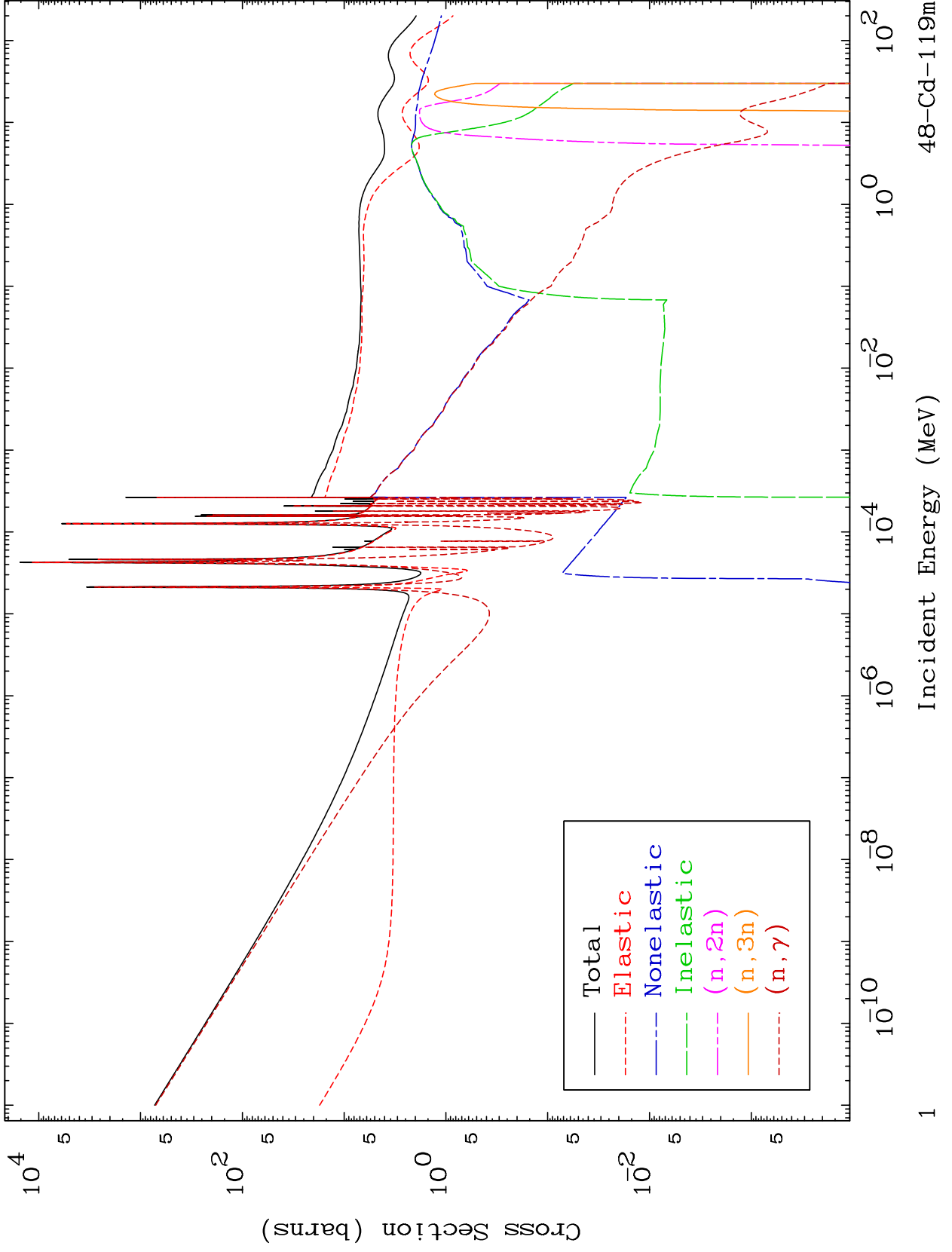
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4865

Neutron Major
293 Kelvin Cross Sections

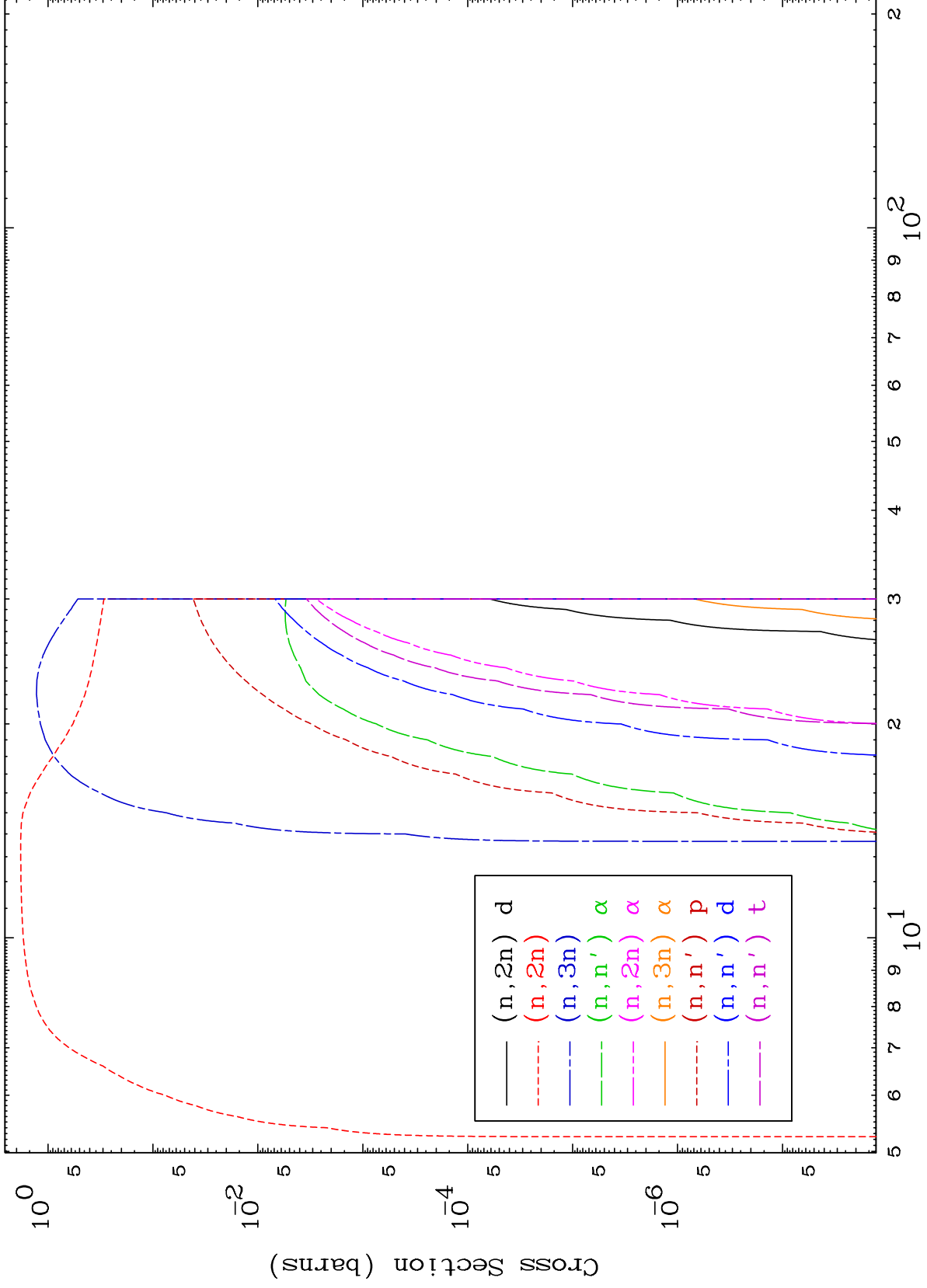
48-Cd-119m



MAT 4865

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-119m



2

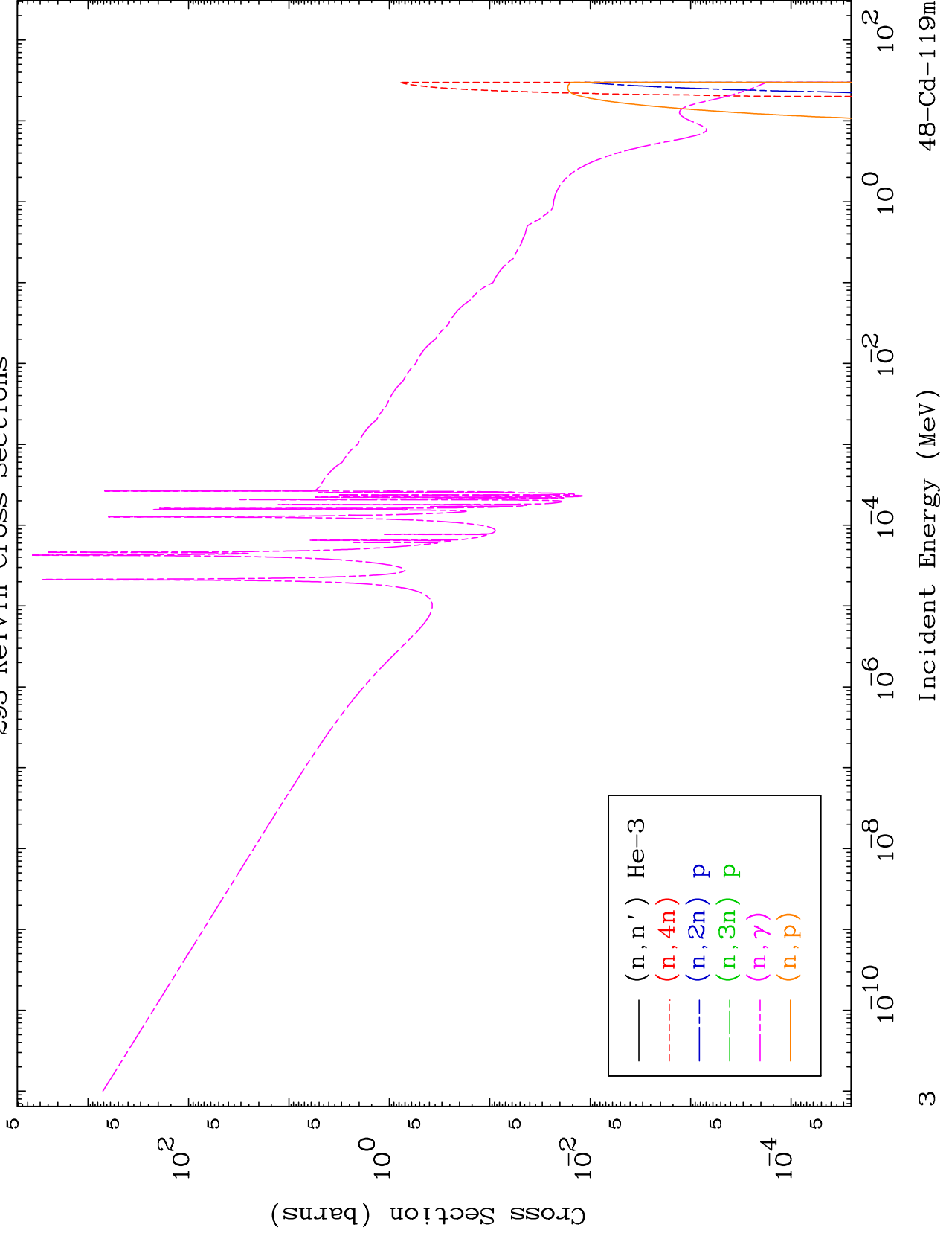
Incident Energy (MeV)

48-Cd-119m

MAT 4865

Neutron Absorption
293 Kelvin Cross Sections

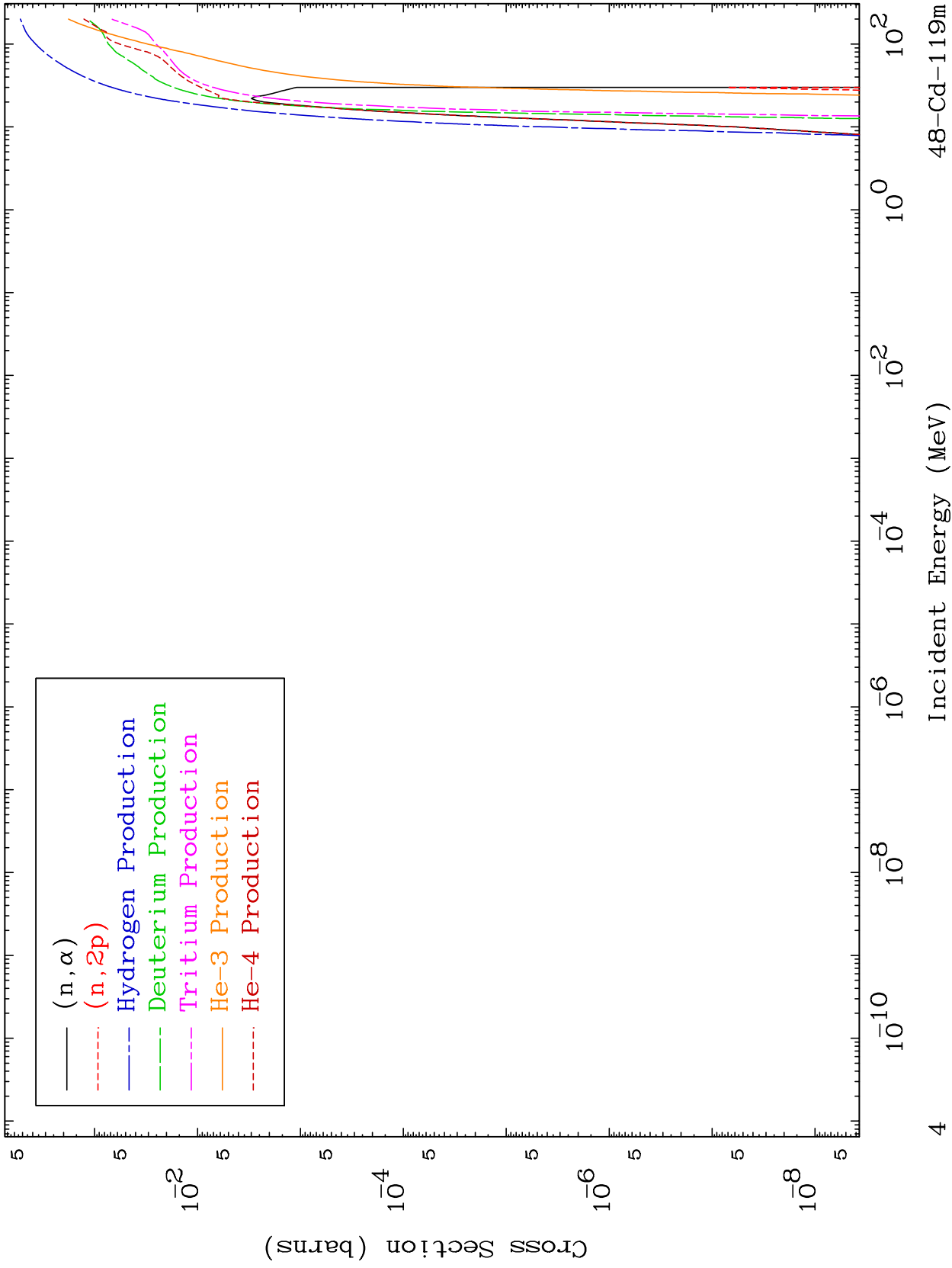
48-Cd-119m



MAT 4865

Neutron Absorption
293 Kelvin Cross Sections

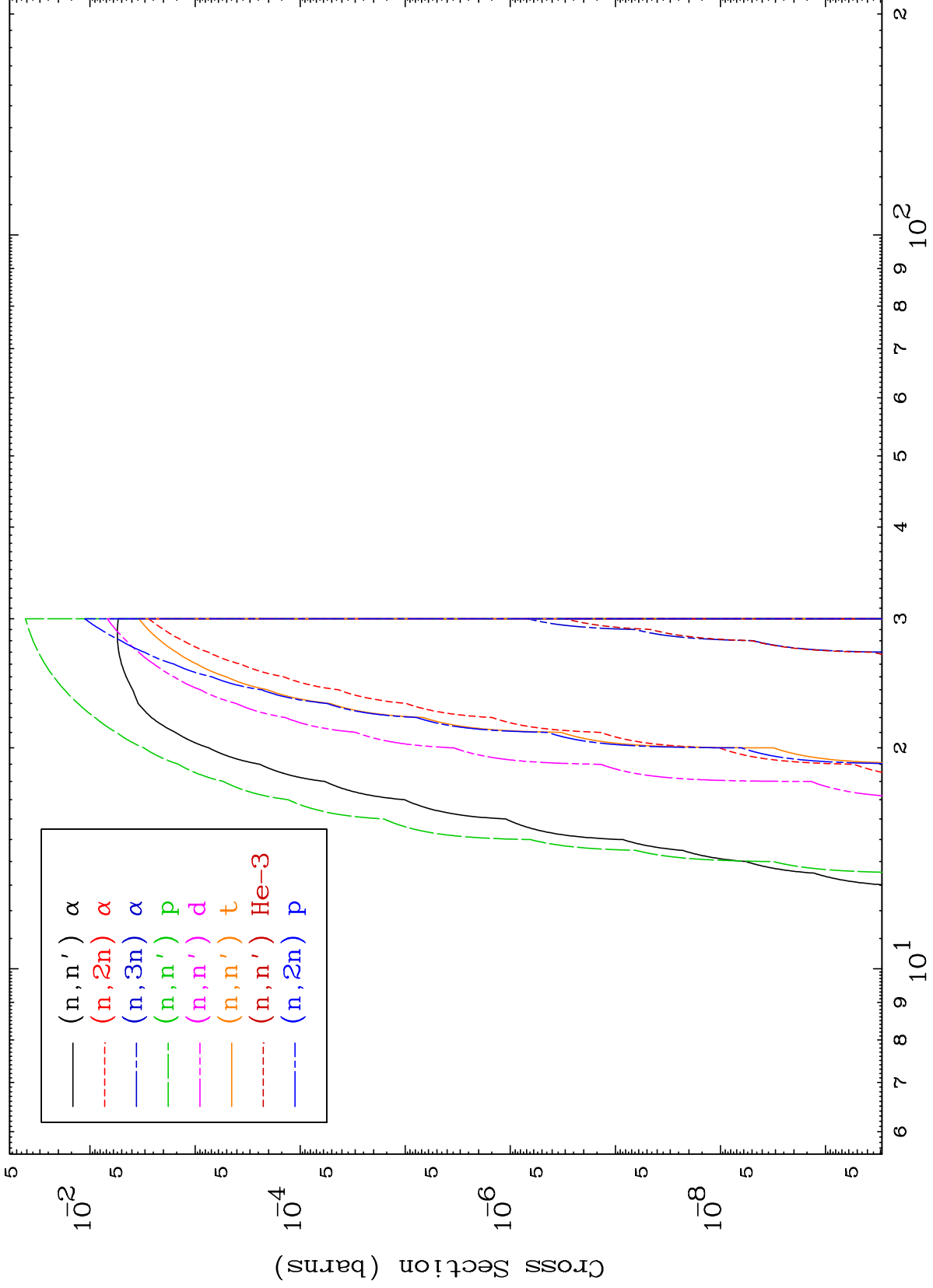
48-Cd-119m



MAT 4865

Charged Particle
293 Kelvin Cross Sections

48-Cd-119m



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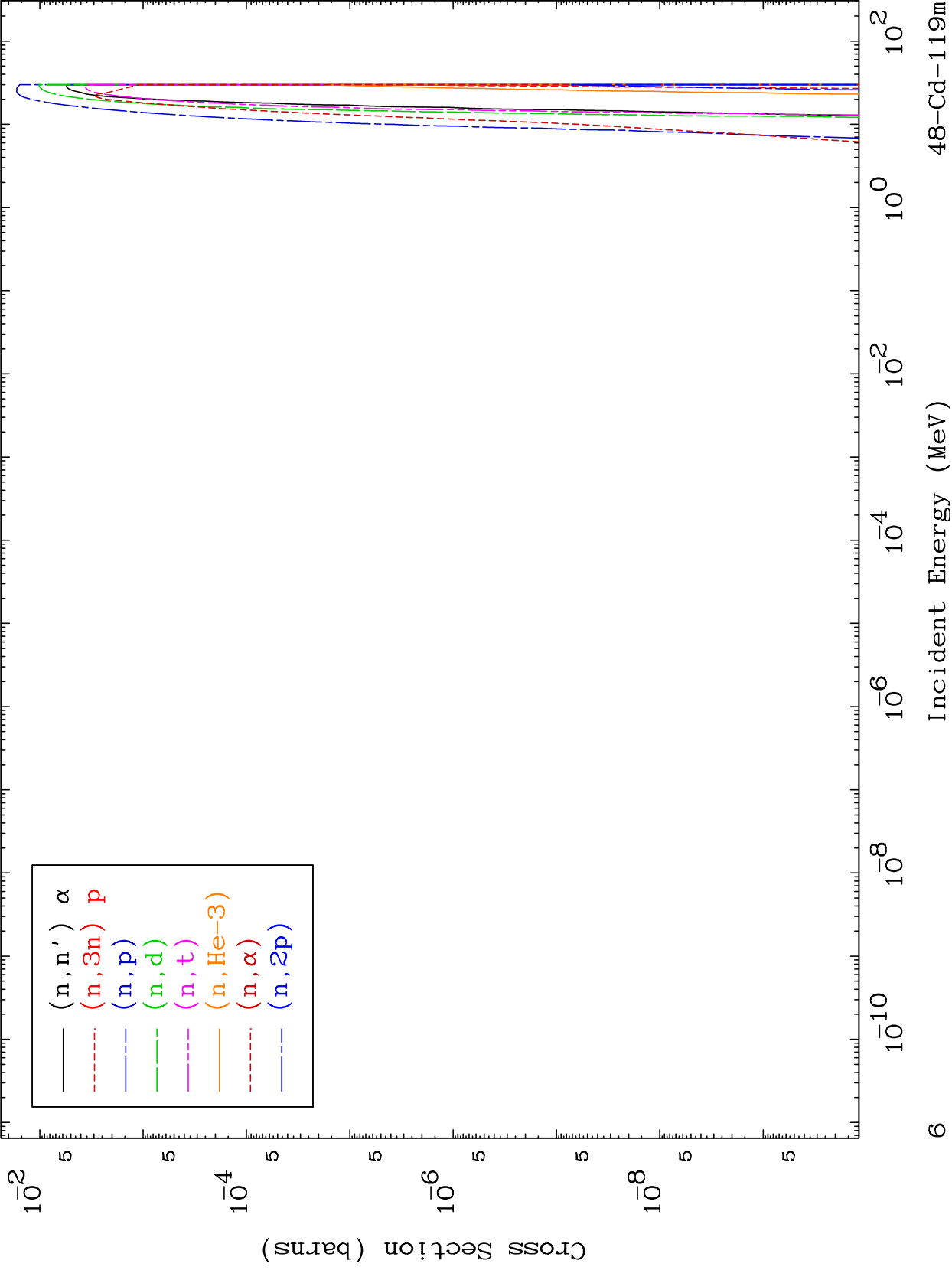
Incident Energy (MeV)

48-Cd-119m

MAT 4865

Charged Particle
293 Kelvin Cross Sections

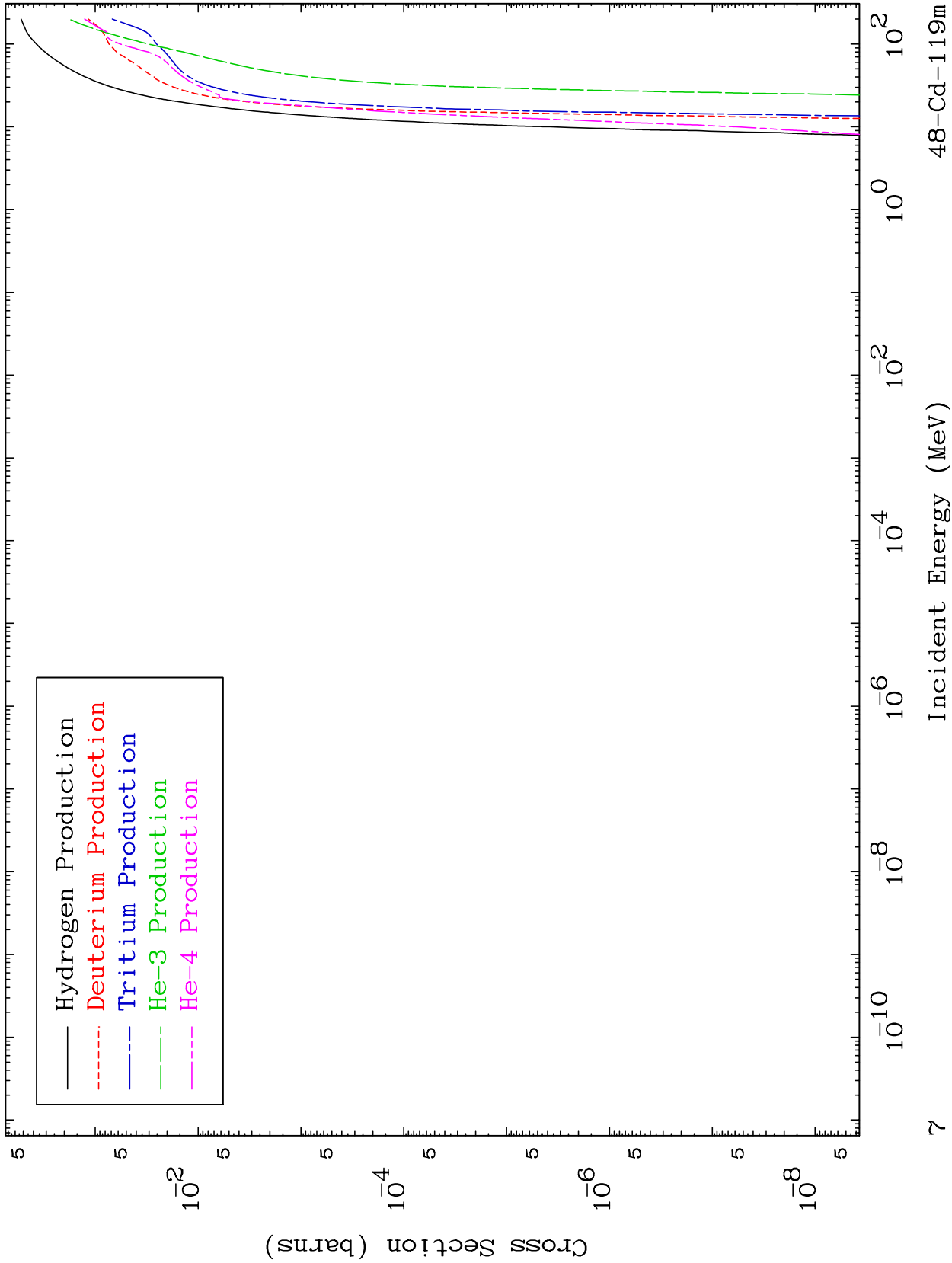
48-Cd-119m



MAT 4865

Particle Production
293 Kelvin Cross Sections

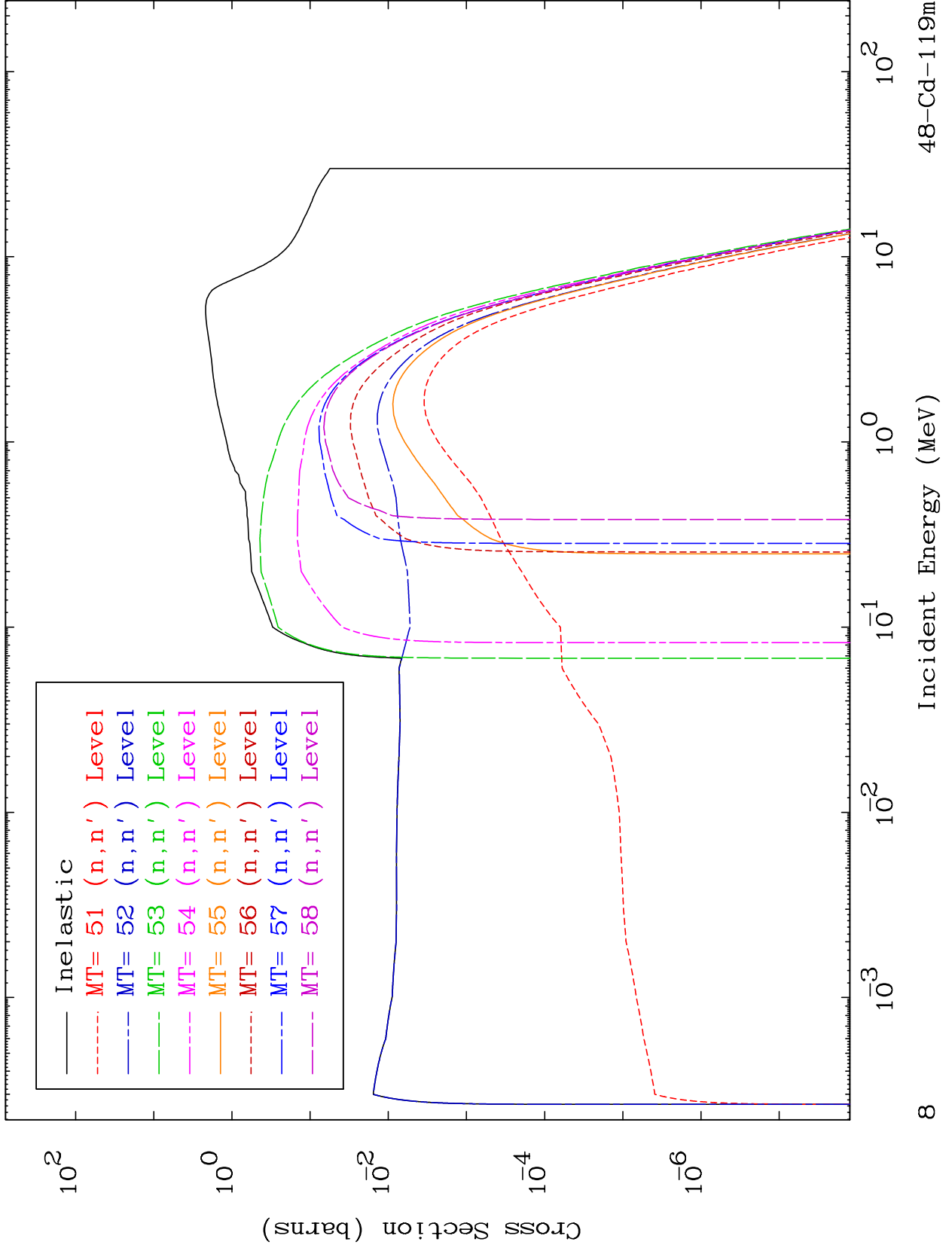
48-Cd-119m



MAT 4865

(n,n') Levels
293 Kelvin Cross Sections

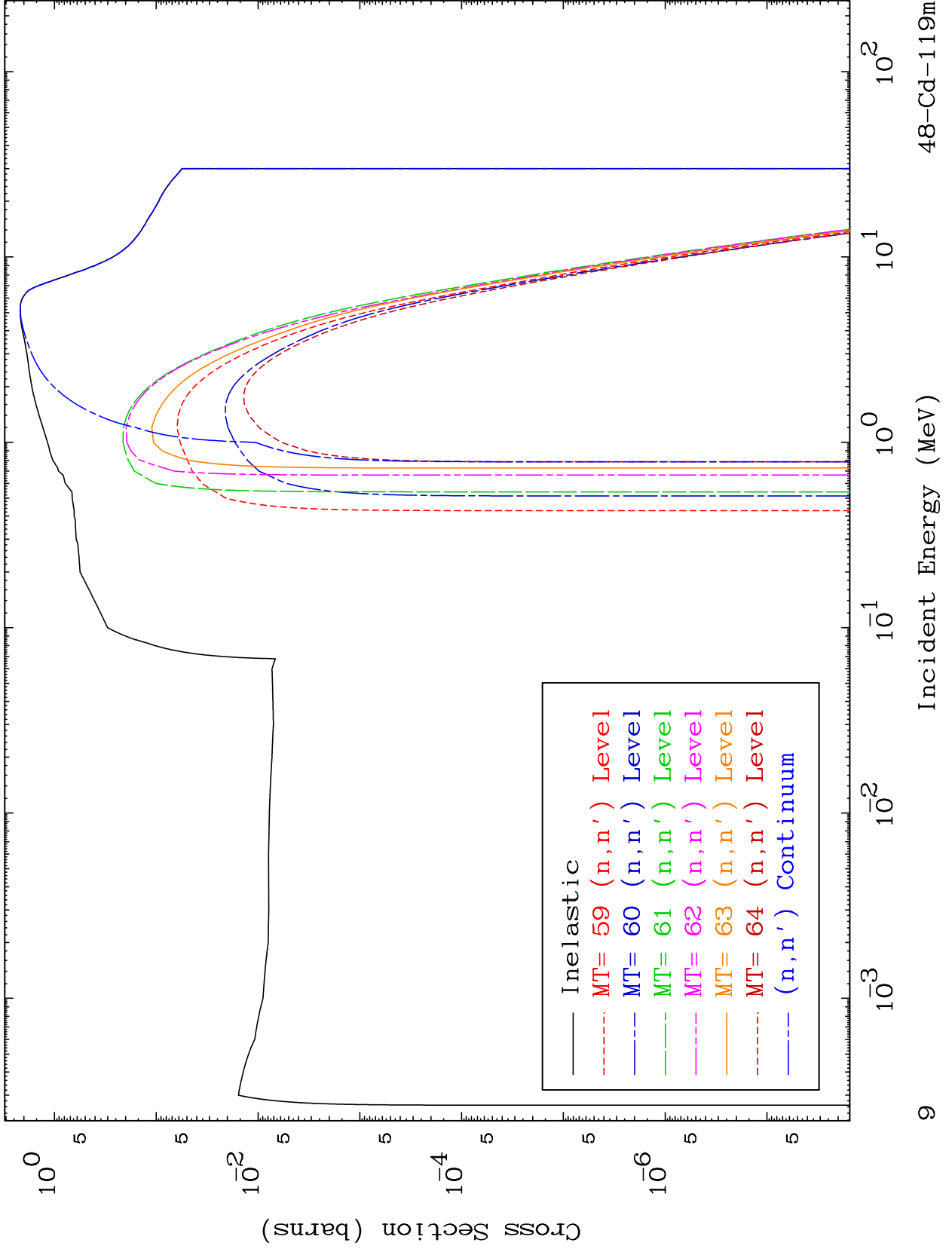
48-Cd-119m



MAT 4865

(n,n') Levels
293 Kelvin Cross Sections

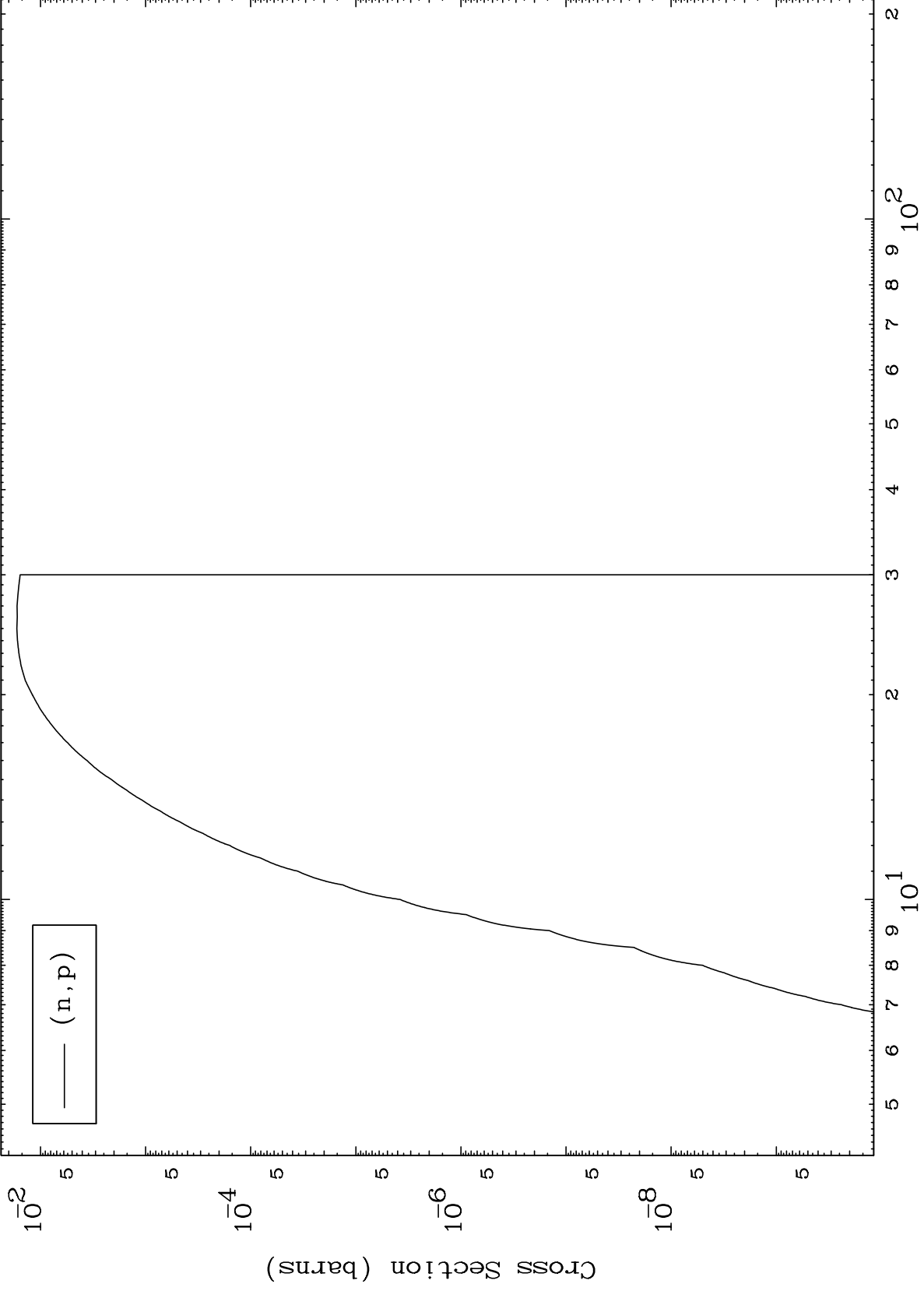
48-Cd-119m



MAT 4865

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-119m



10

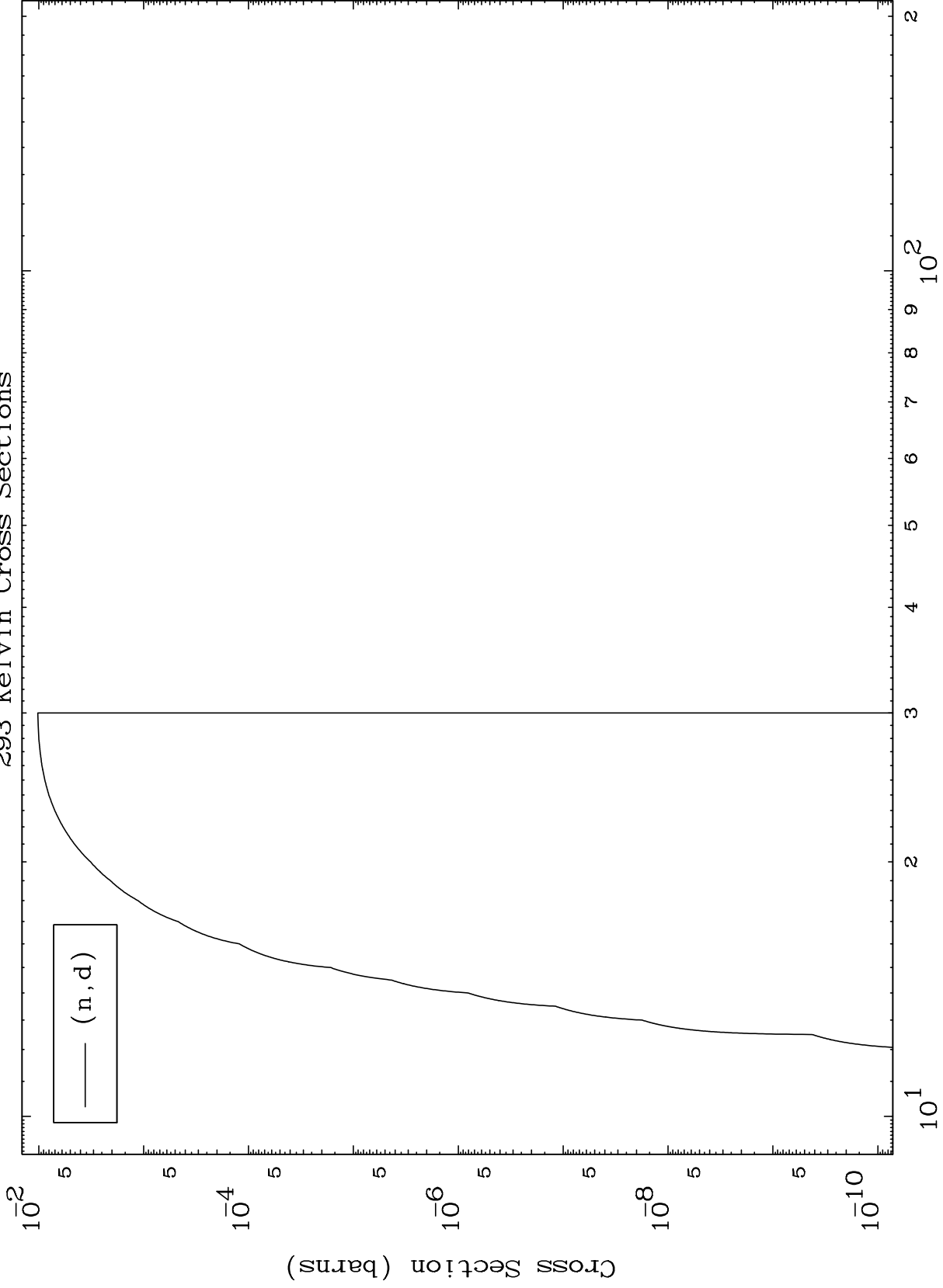
Incident Energy (MeV)

48-Cd-119m

MAT 4865

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-119m



11

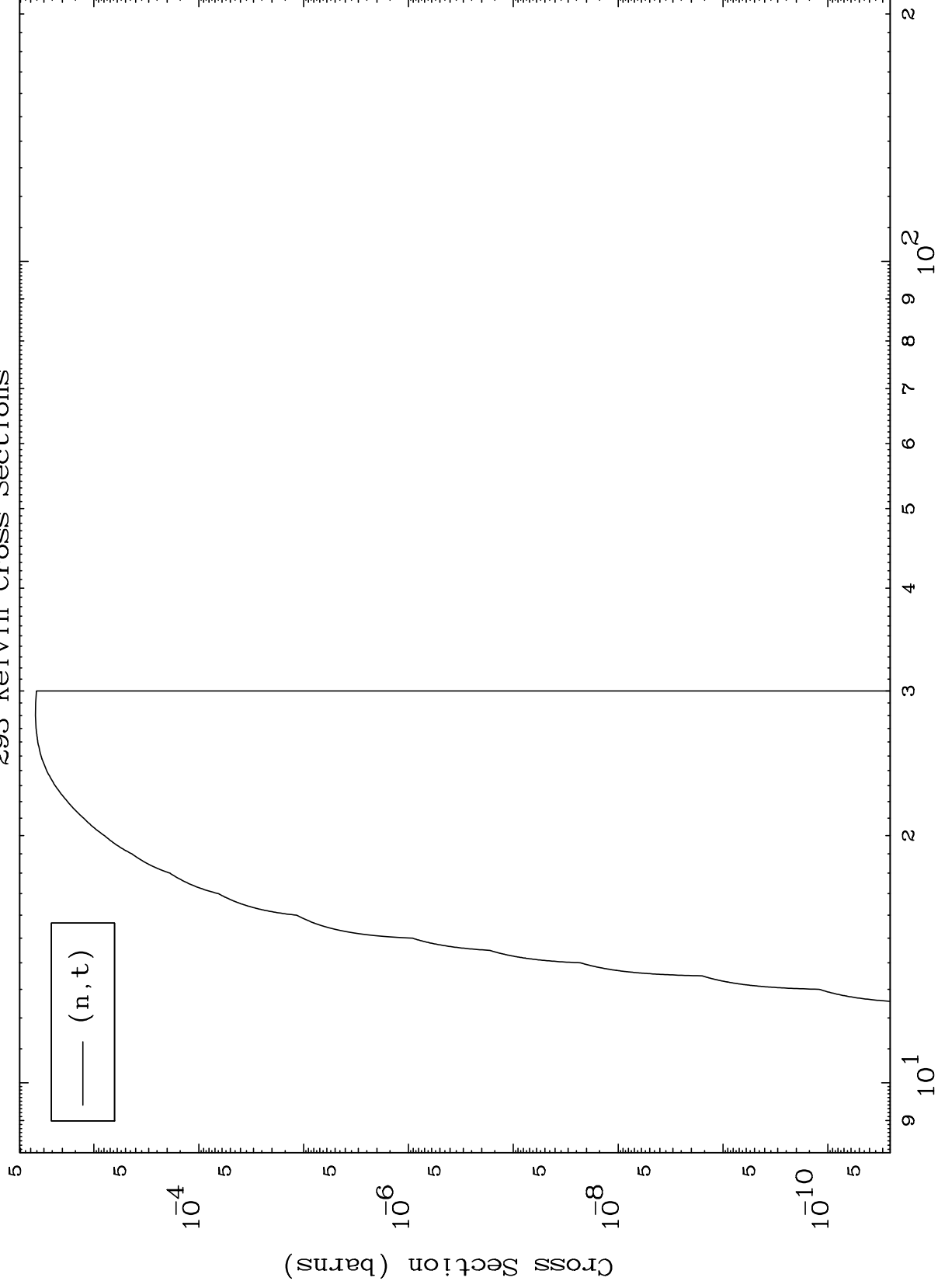
Incident Energy (MeV)

48-Cd-119m

MAT 4865

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-119m



12

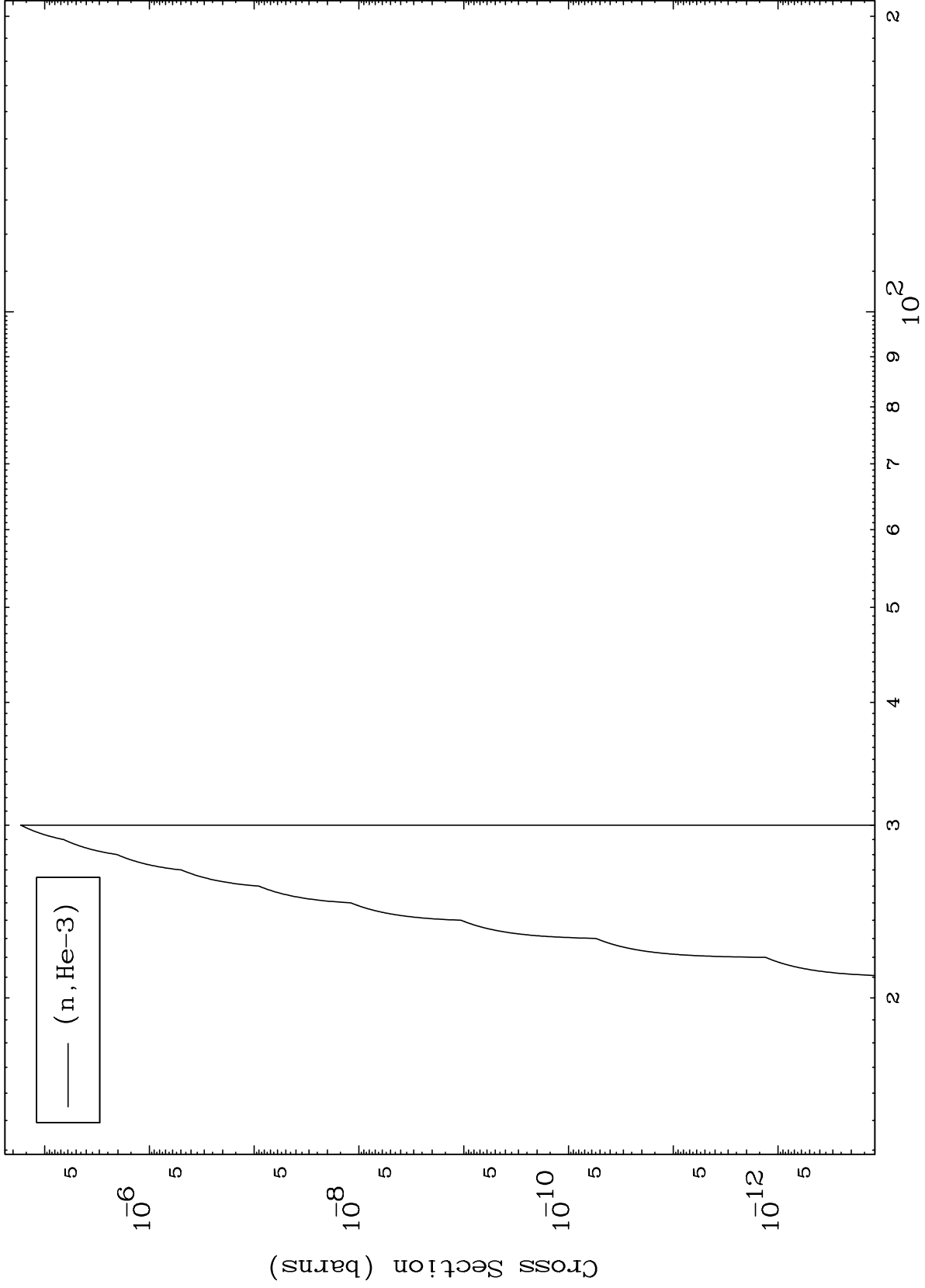
Incident Energy (MeV)

48-Cd-119m

MAT 4865

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-119m



13

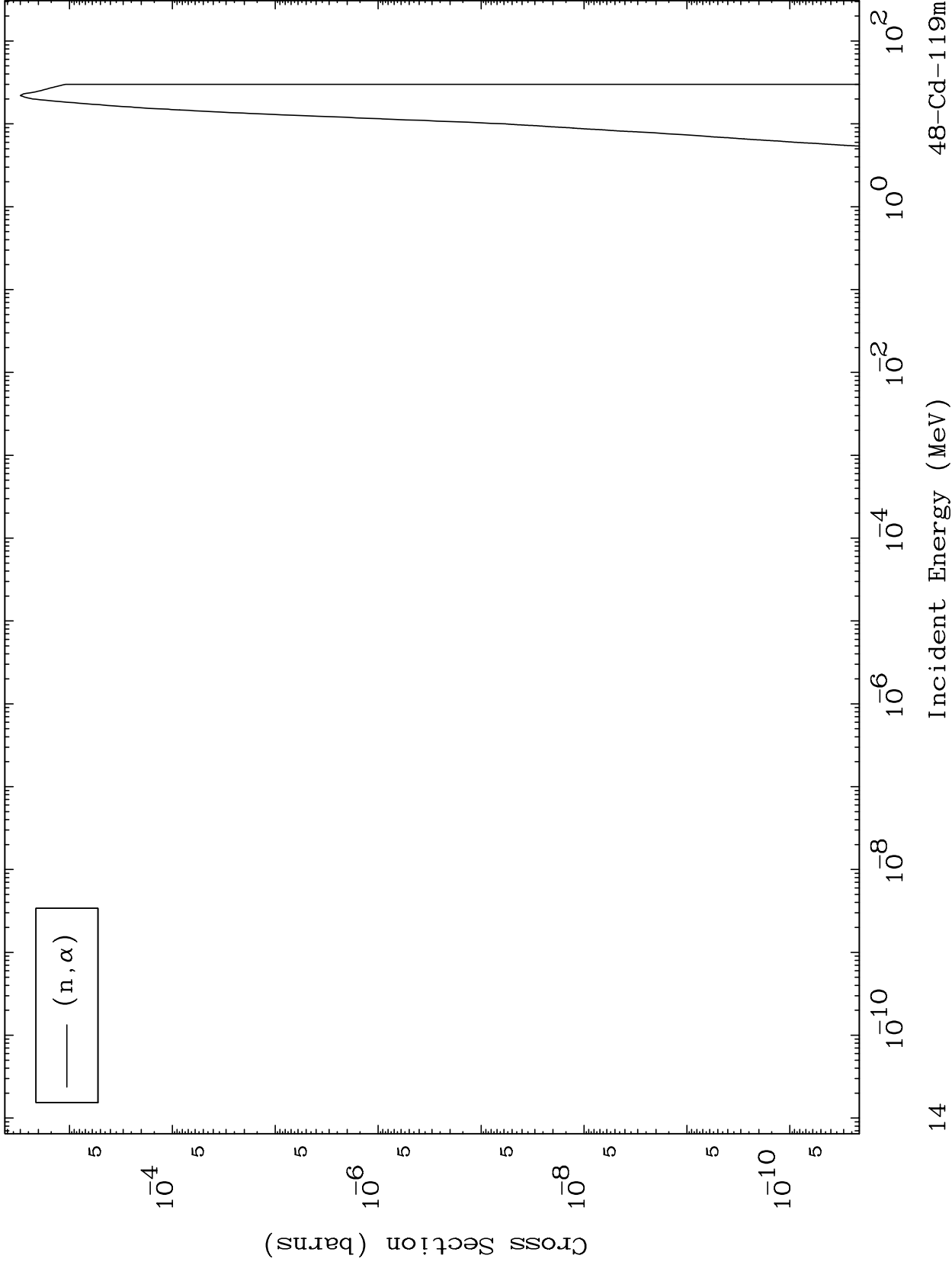
Incident Energy (MeV)

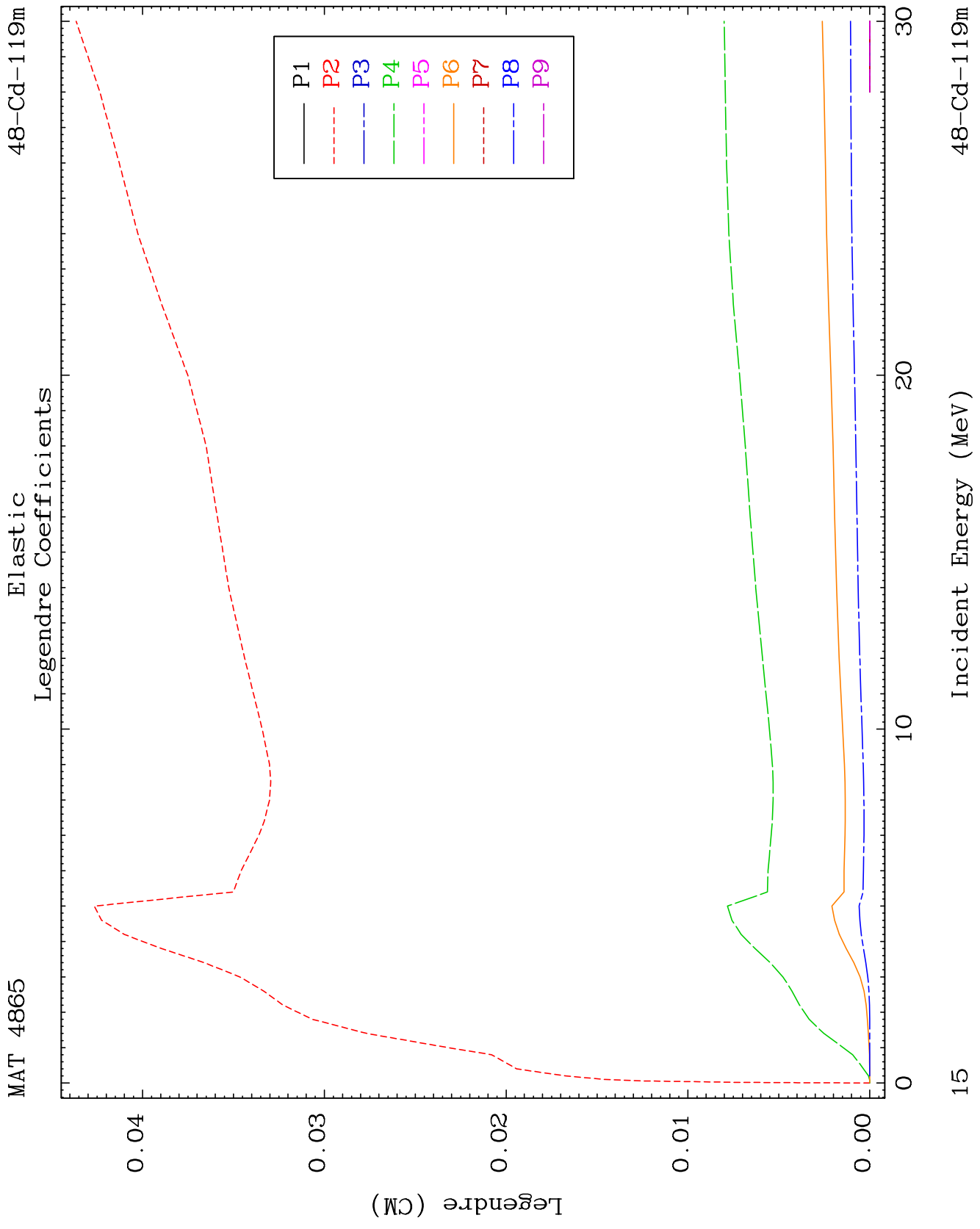
48-Cd-119m

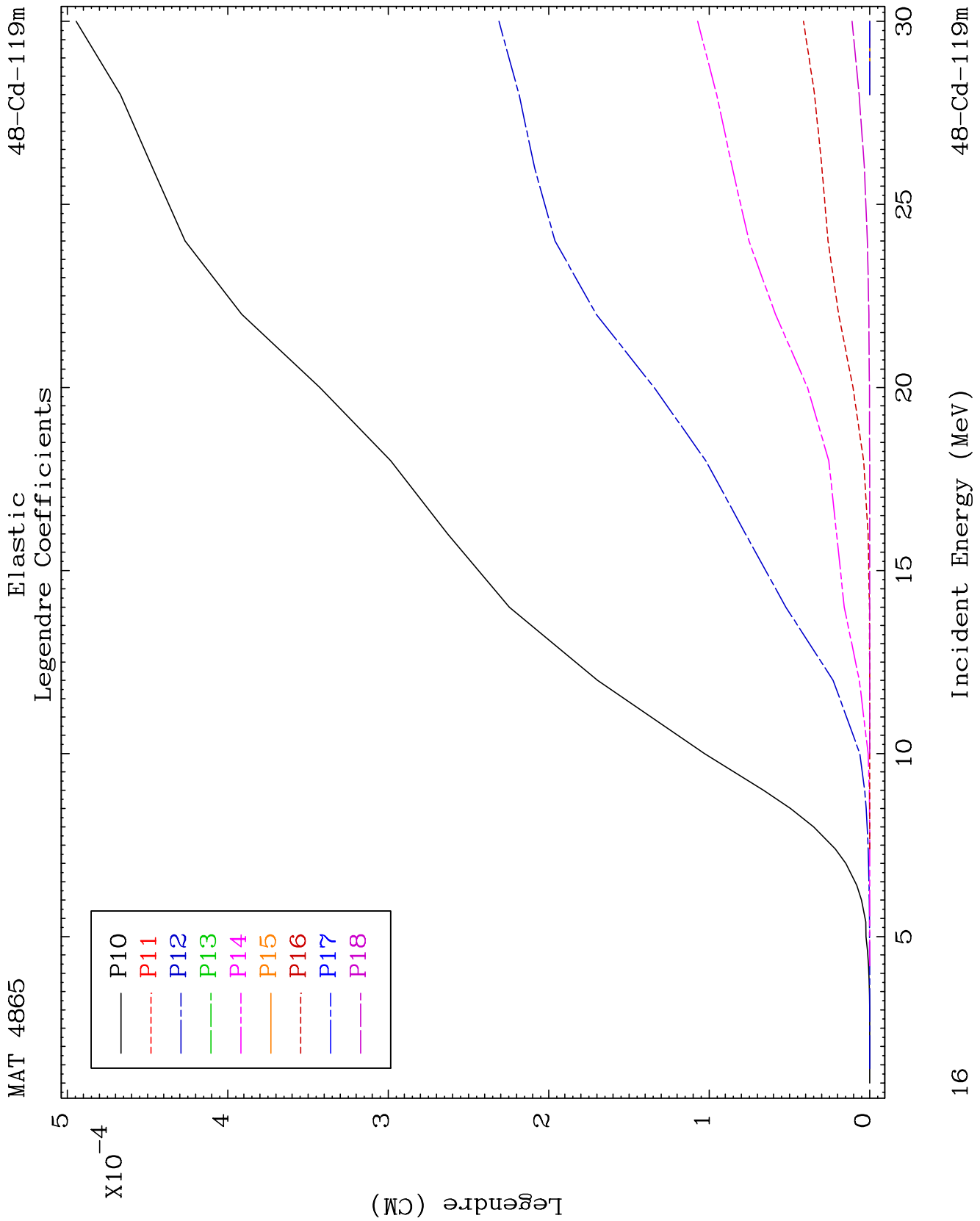
MAT 4865

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-119m



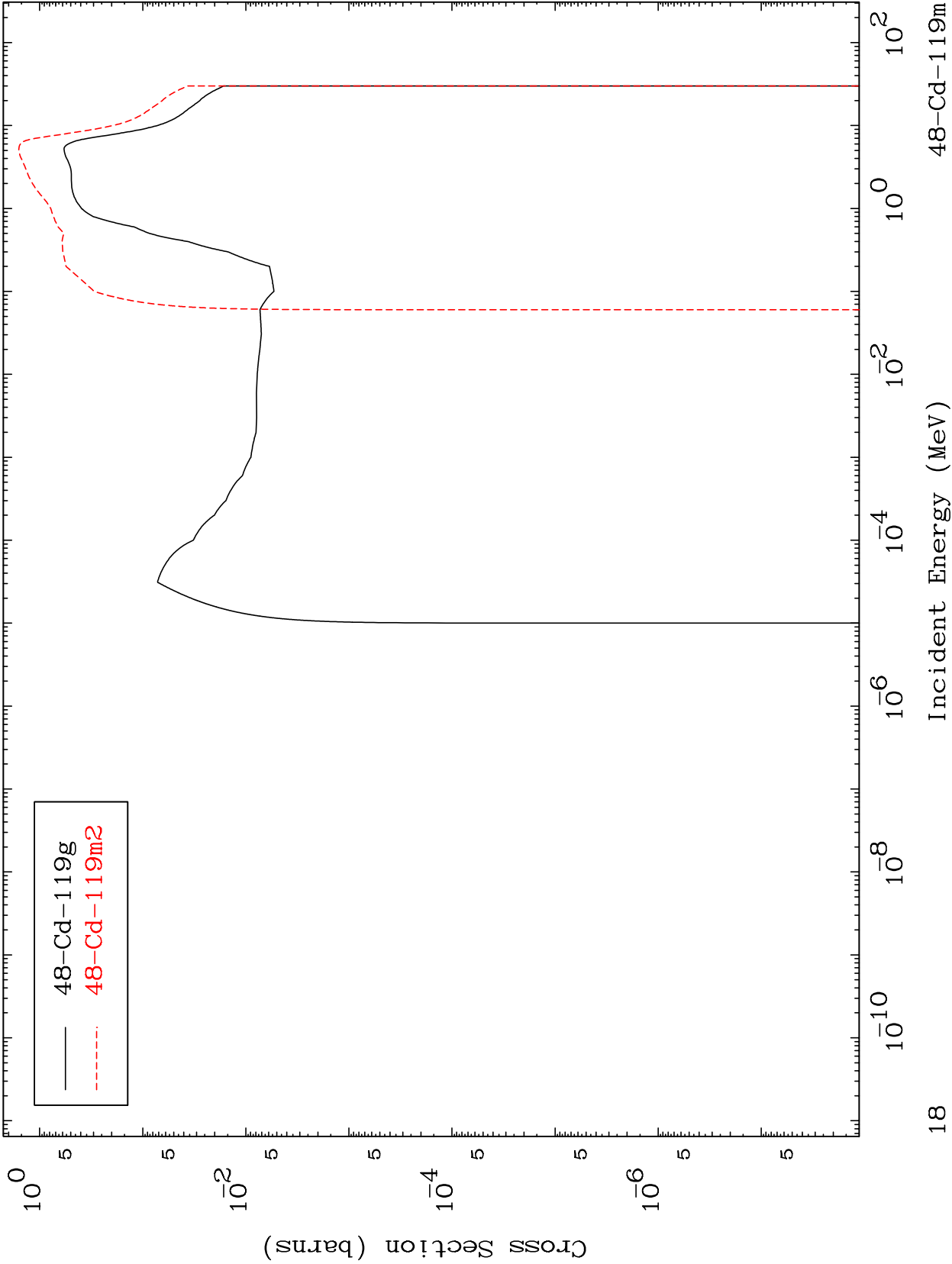




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Inelastic
Radionuclide Production Cross Section

48-Cd-119m

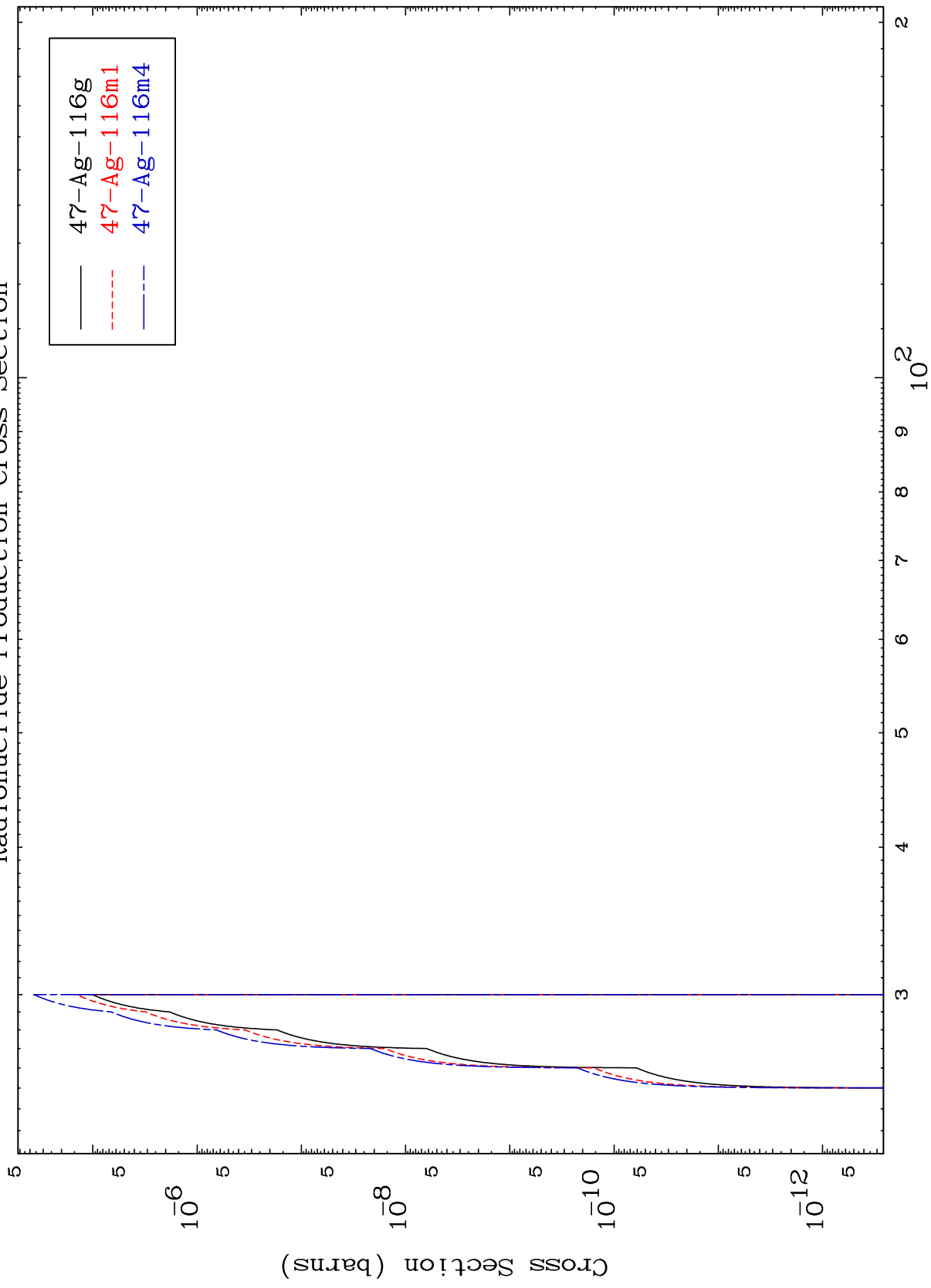


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(n,2n) d

48-Cd-119m

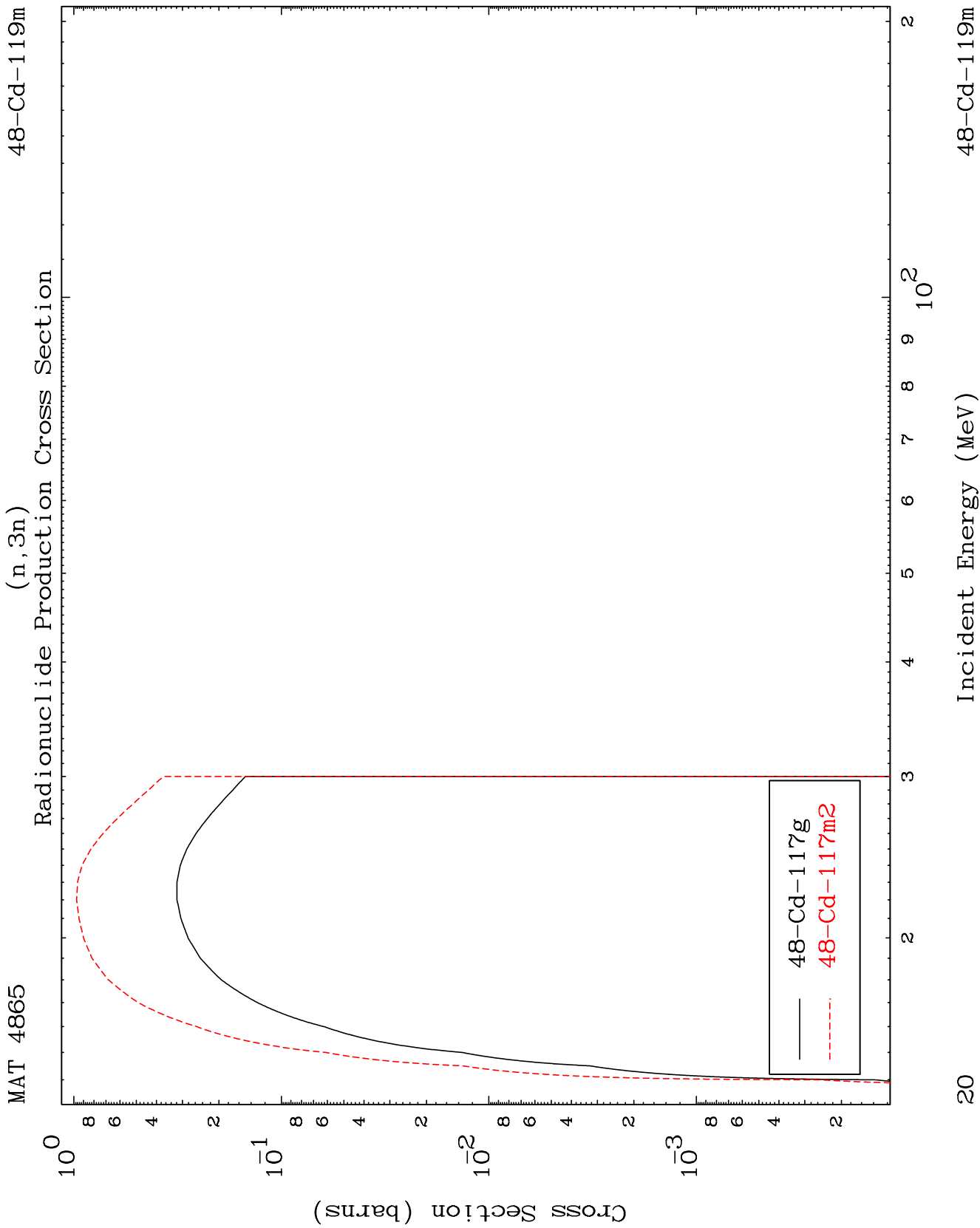
Radionuclide Production Cross Section



19

Incident Energy (MeV)

48-Cd-119m

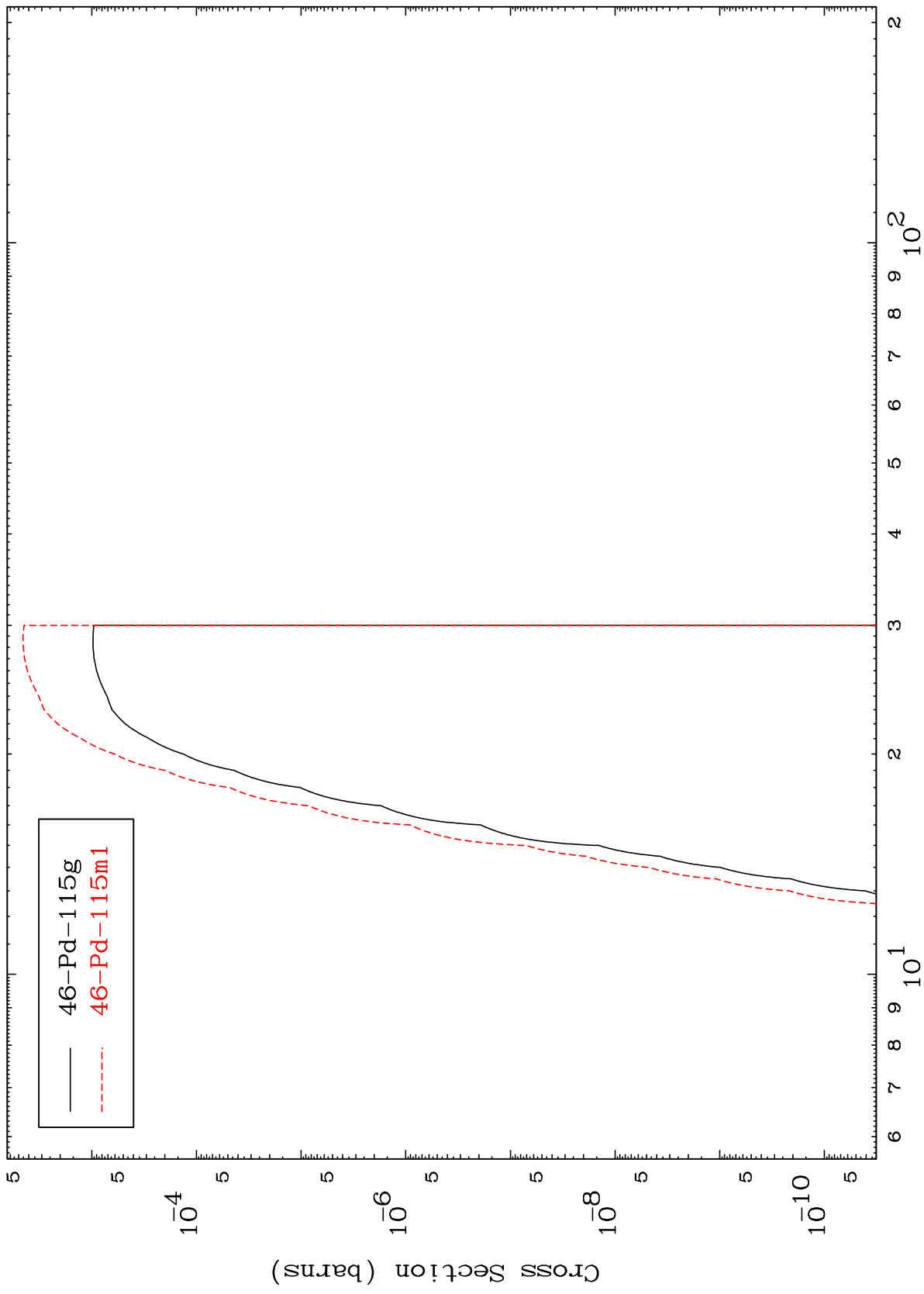


MAT 4865

(n,n') α

48-Cd-119m

Radionuclide Production Cross Section

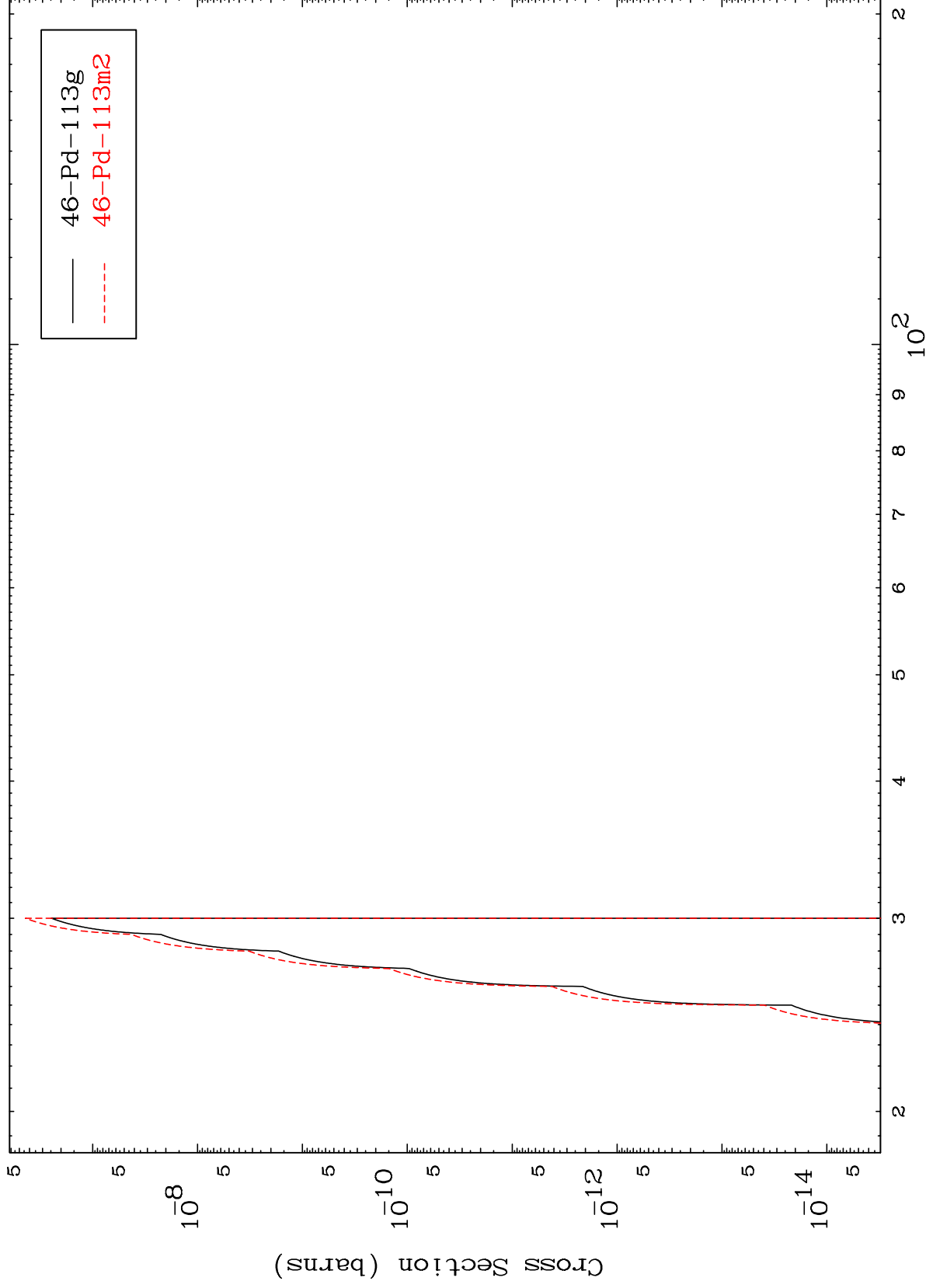


MAT 4865

(n,3n) α

48-Cd-119m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

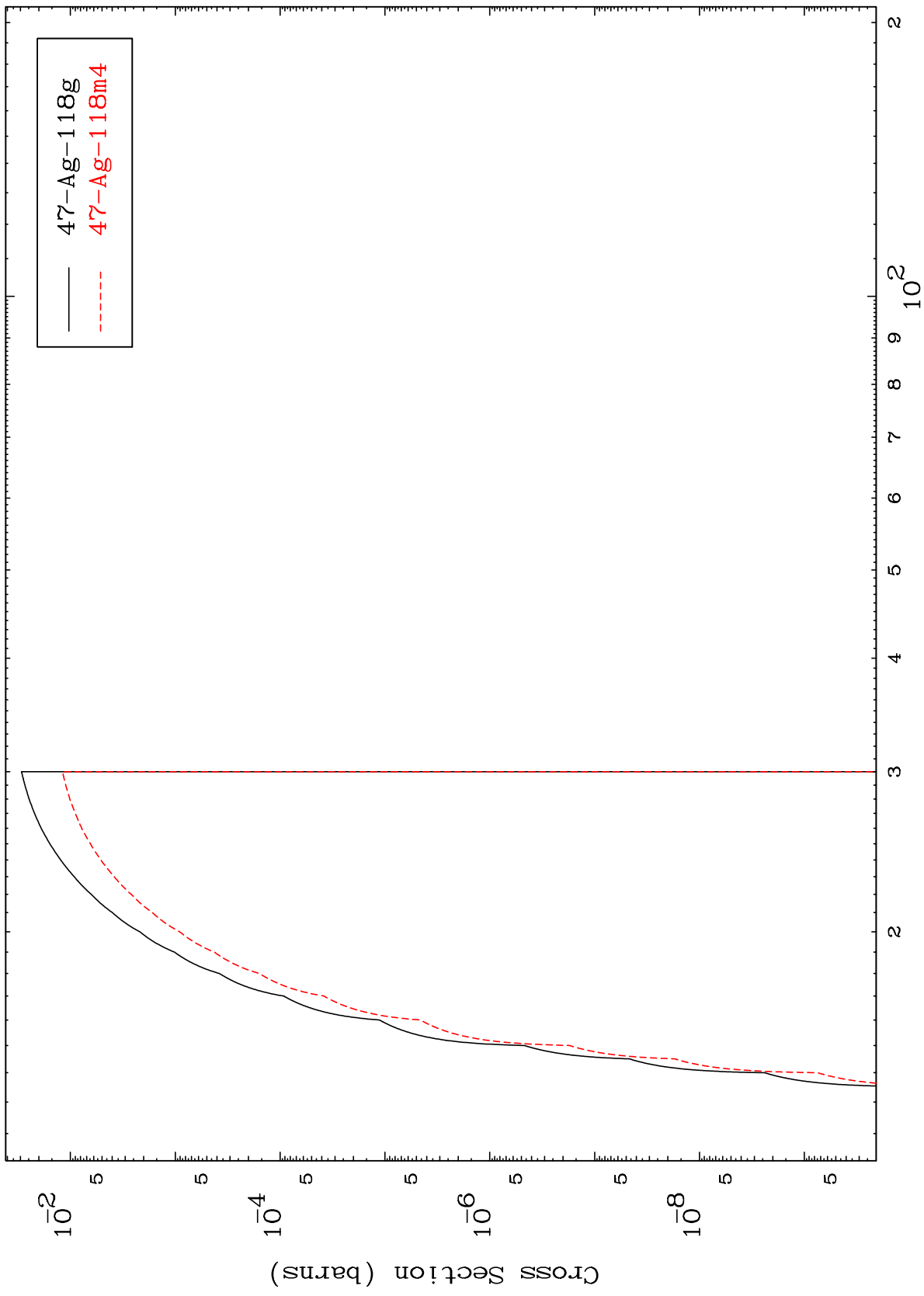
48-Cd-119m

MAT 4865

(n,n') p

48-Cd-119m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

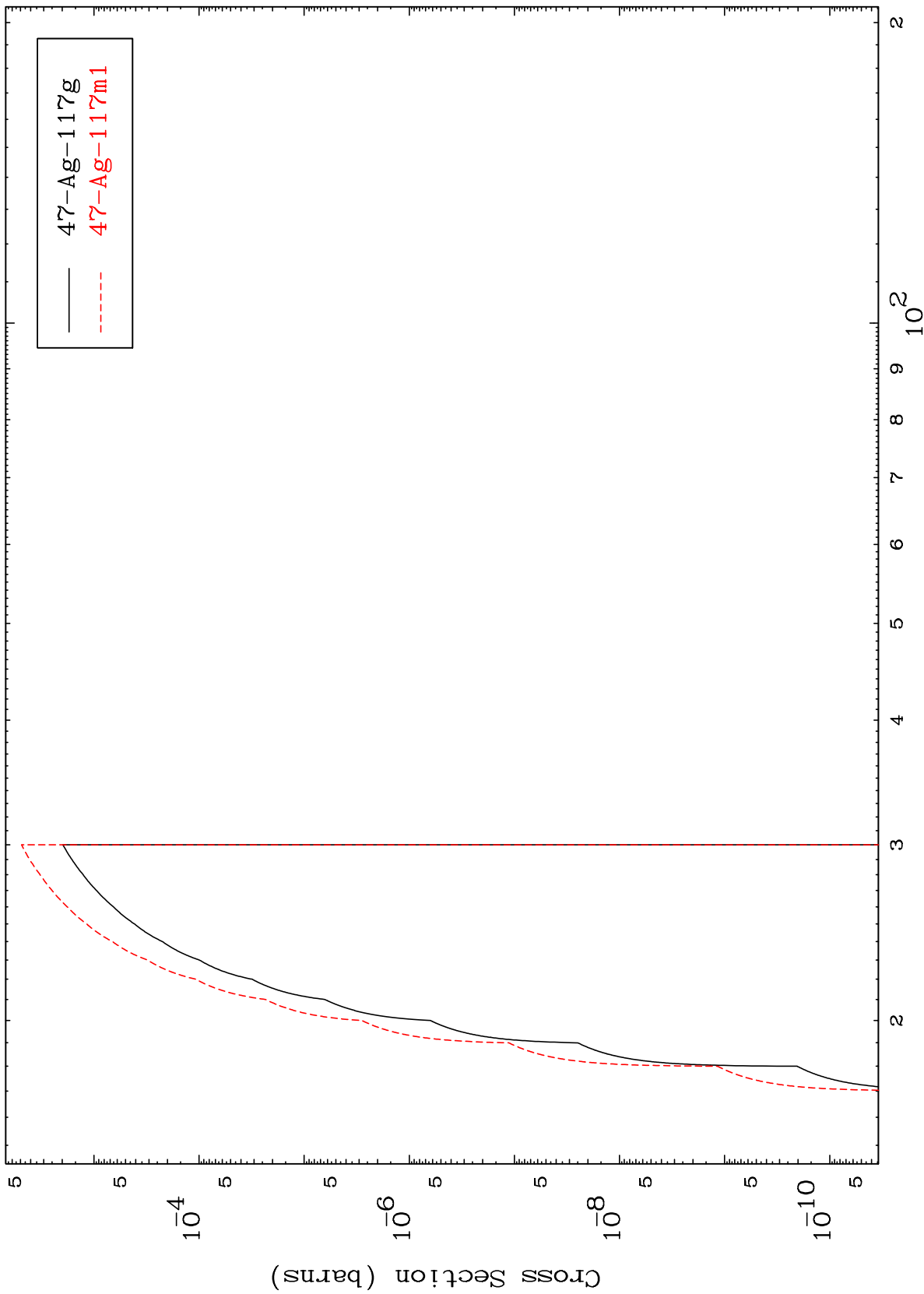
48-Cd-119m

MAT 4865

(n,n') d

48-Cd-119m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

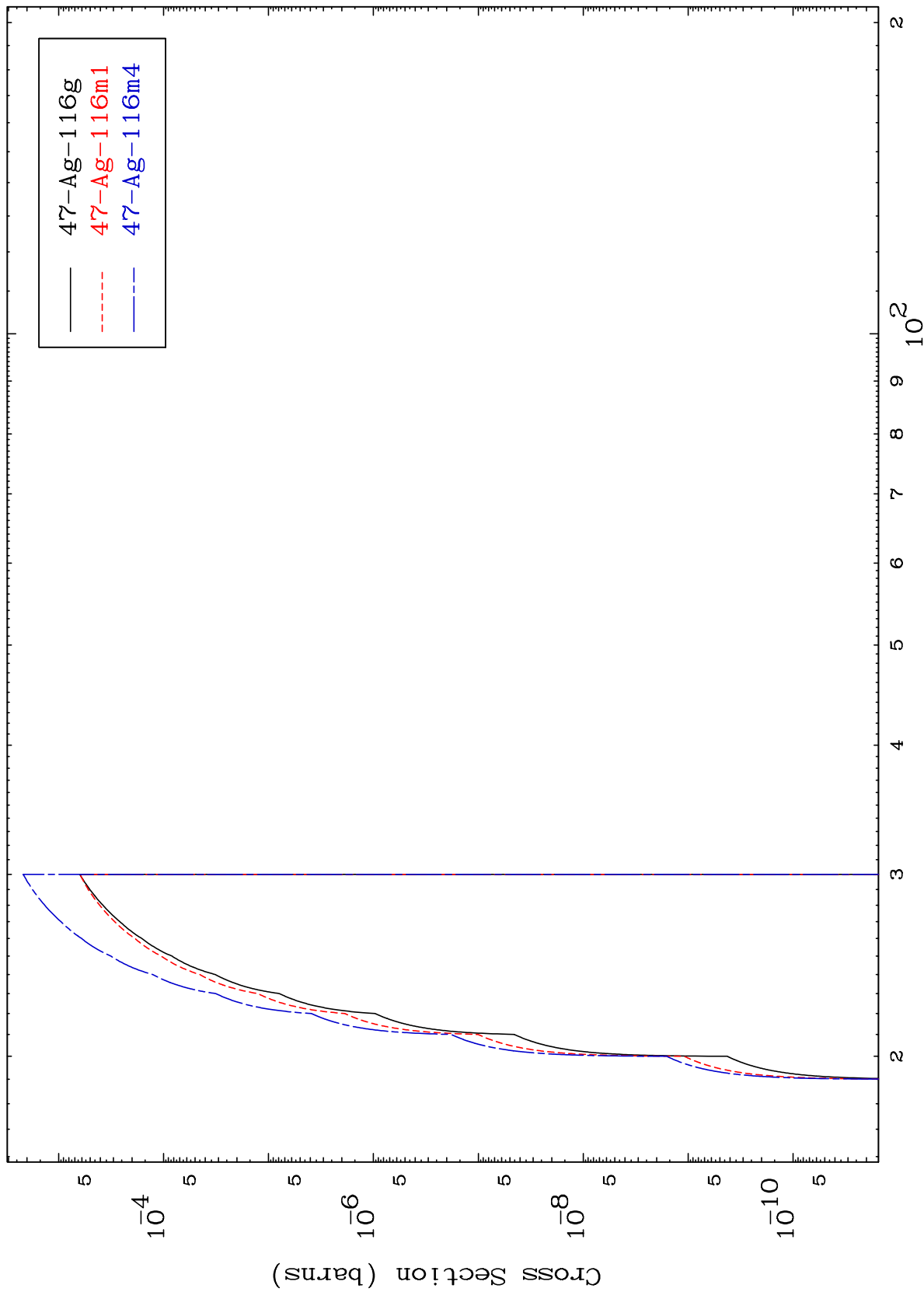
48-Cd-119m

MAT 4865

(n,n') t

48-Cd-119m

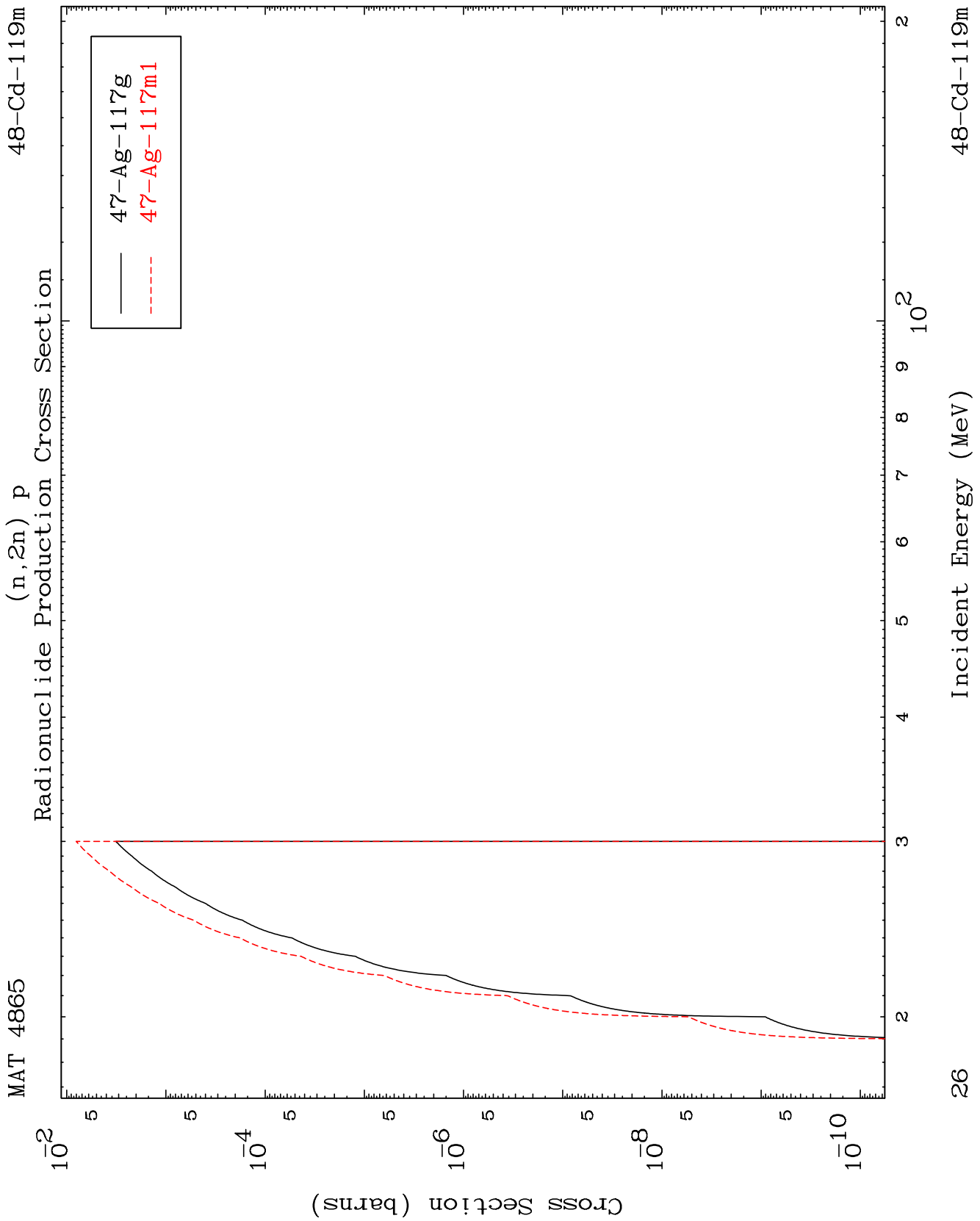
Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-119m

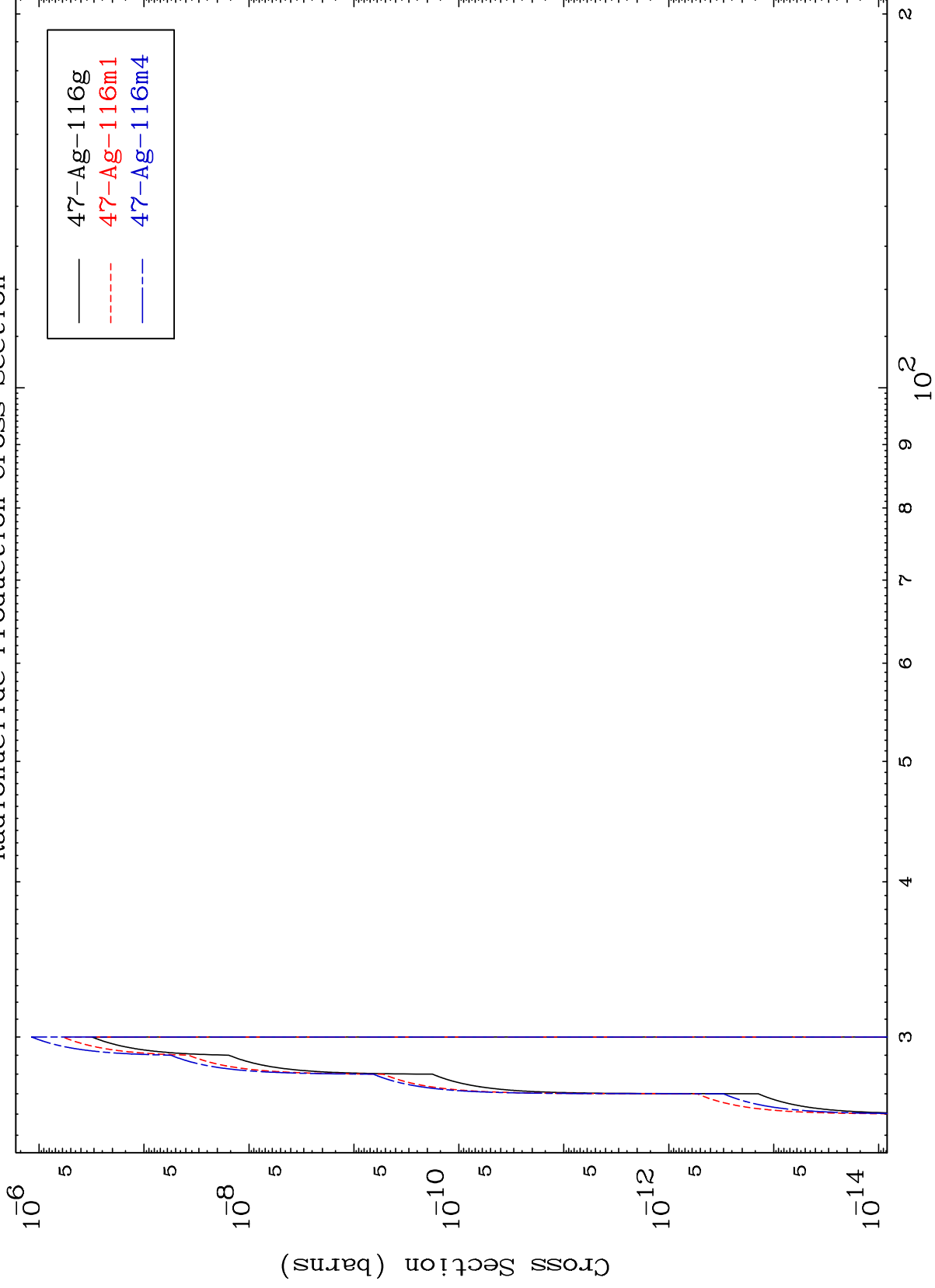


MAT 4865

(n,3n) p

48-Cd-119m

Radionuclide Production Cross Section



27

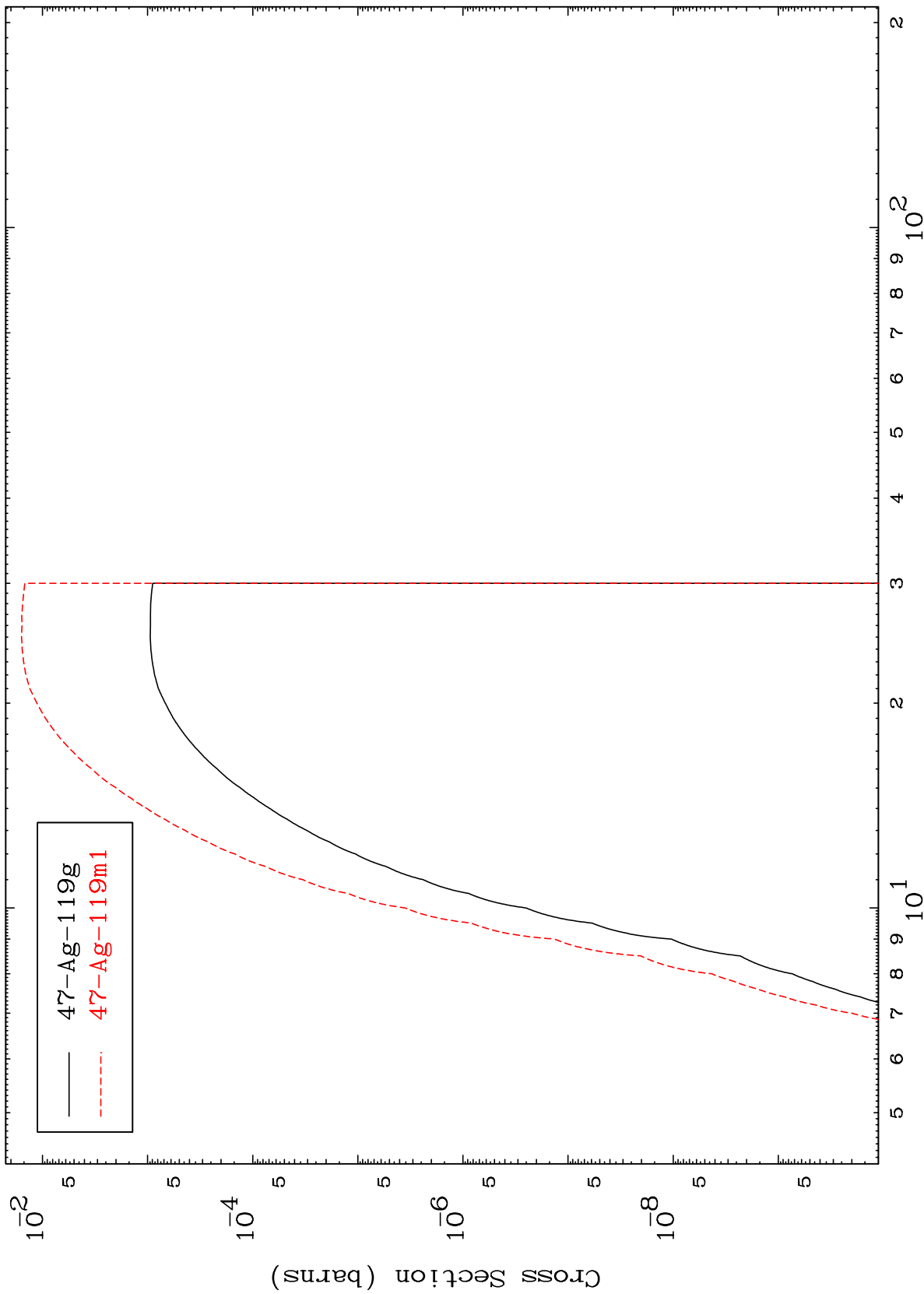
Incident Energy (MeV)

48-Cd-119m

MAT 4865

48-Cd-119m

Radionuclide Production Cross Section (n,p)

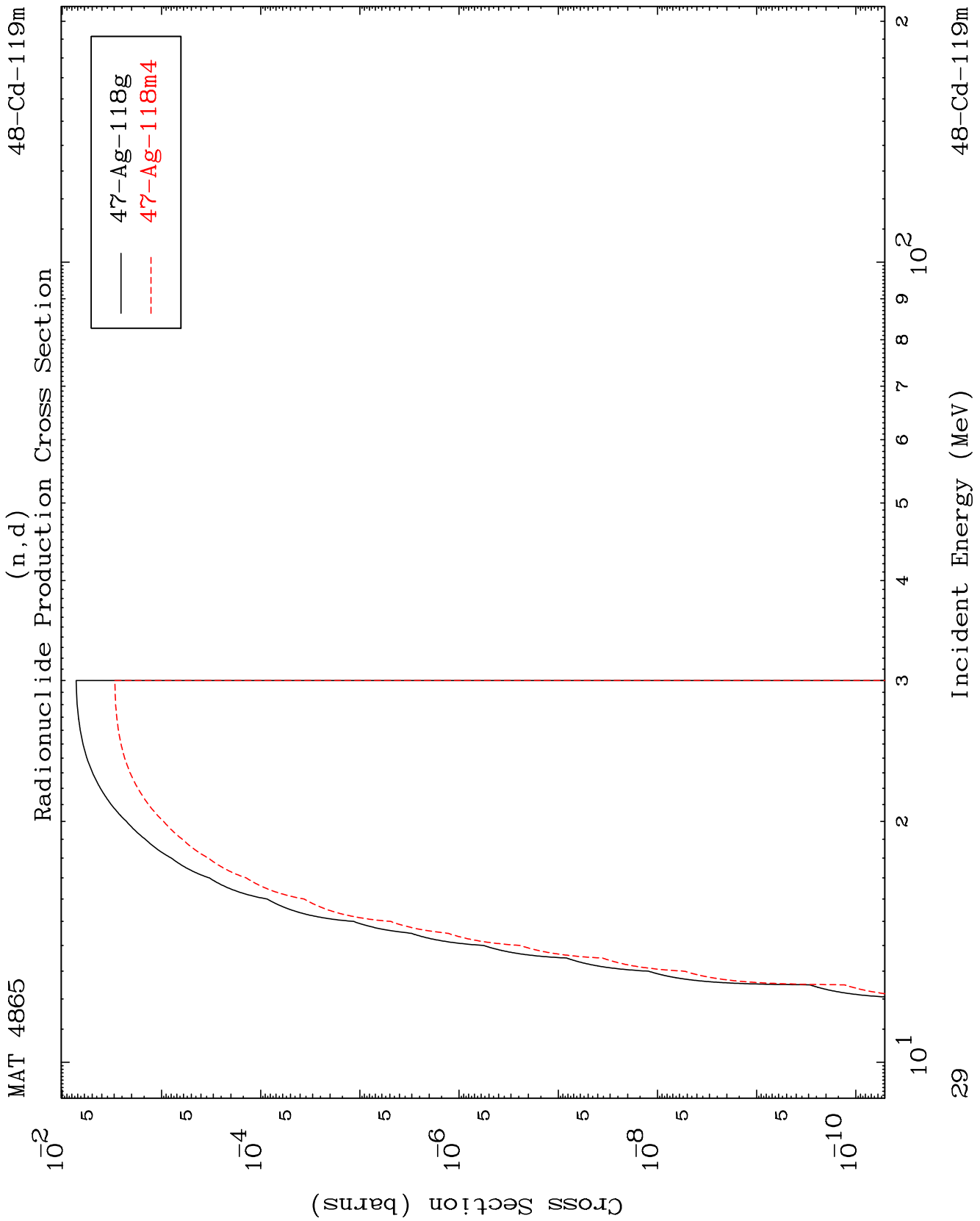


Legend:
— 47-Ag-119g
- - - 47-Ag-119m1

48-Cd-119m

Incident Energy (MeV)

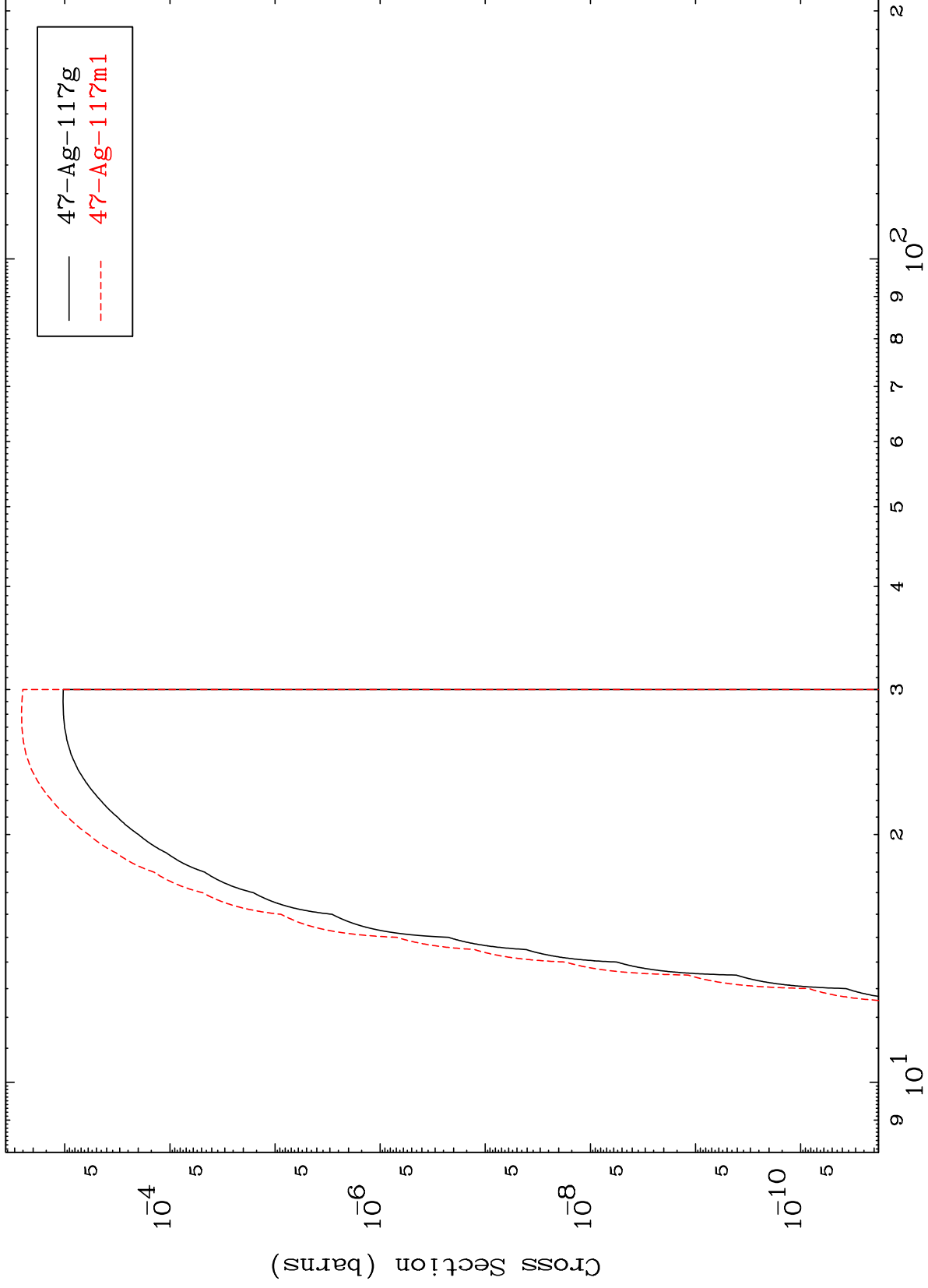
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MAT 4865

48-Cd-119m

(n,t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

48-Cd-119m