

Program EVALPLOT
(Version 2018-1)

by

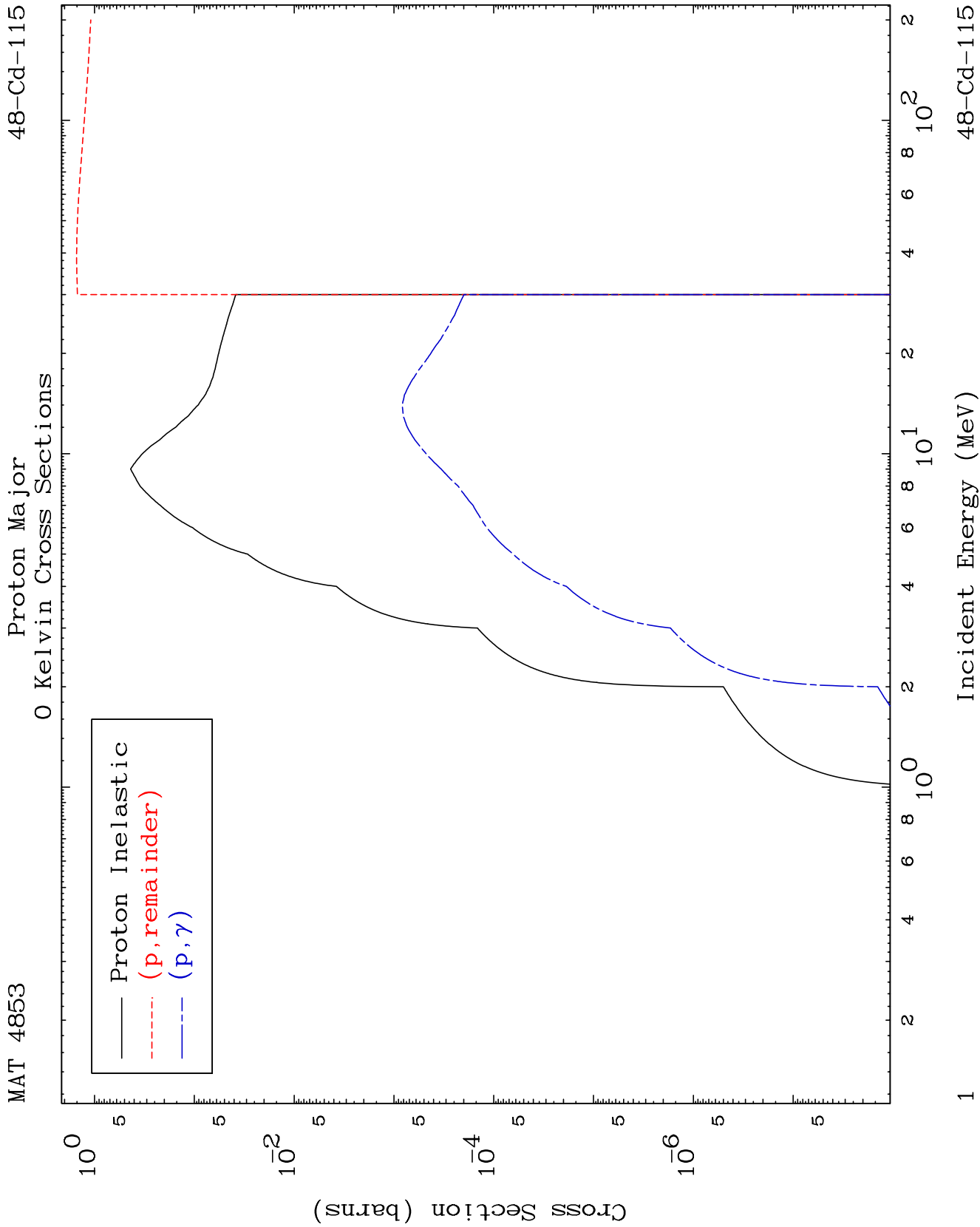
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

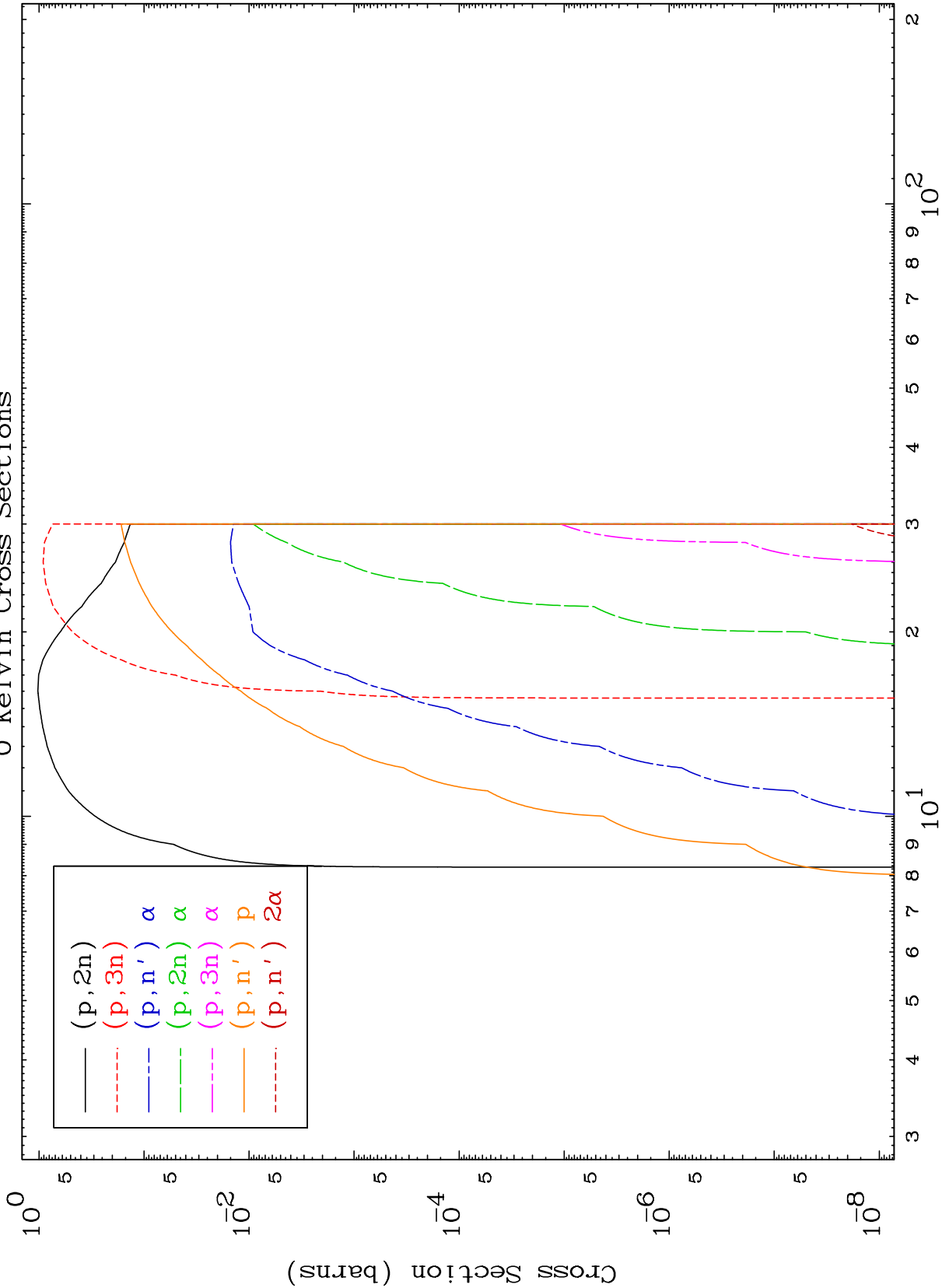
Press Mouse Button to Start



MAT 4853

Proton Neutron Production
0 Kelvin Cross Sections

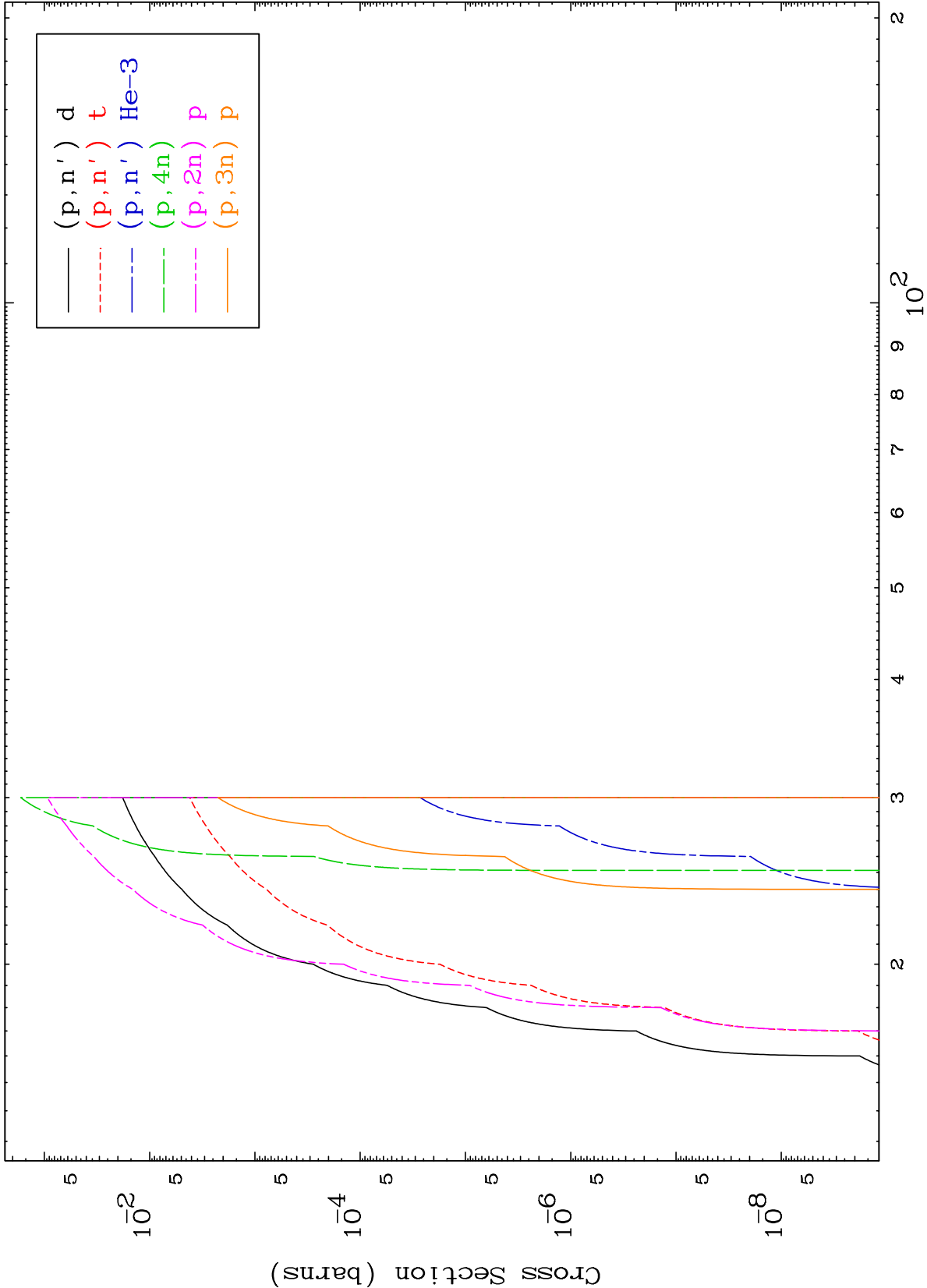
48-Cd-115



2

Incident Energy (MeV)

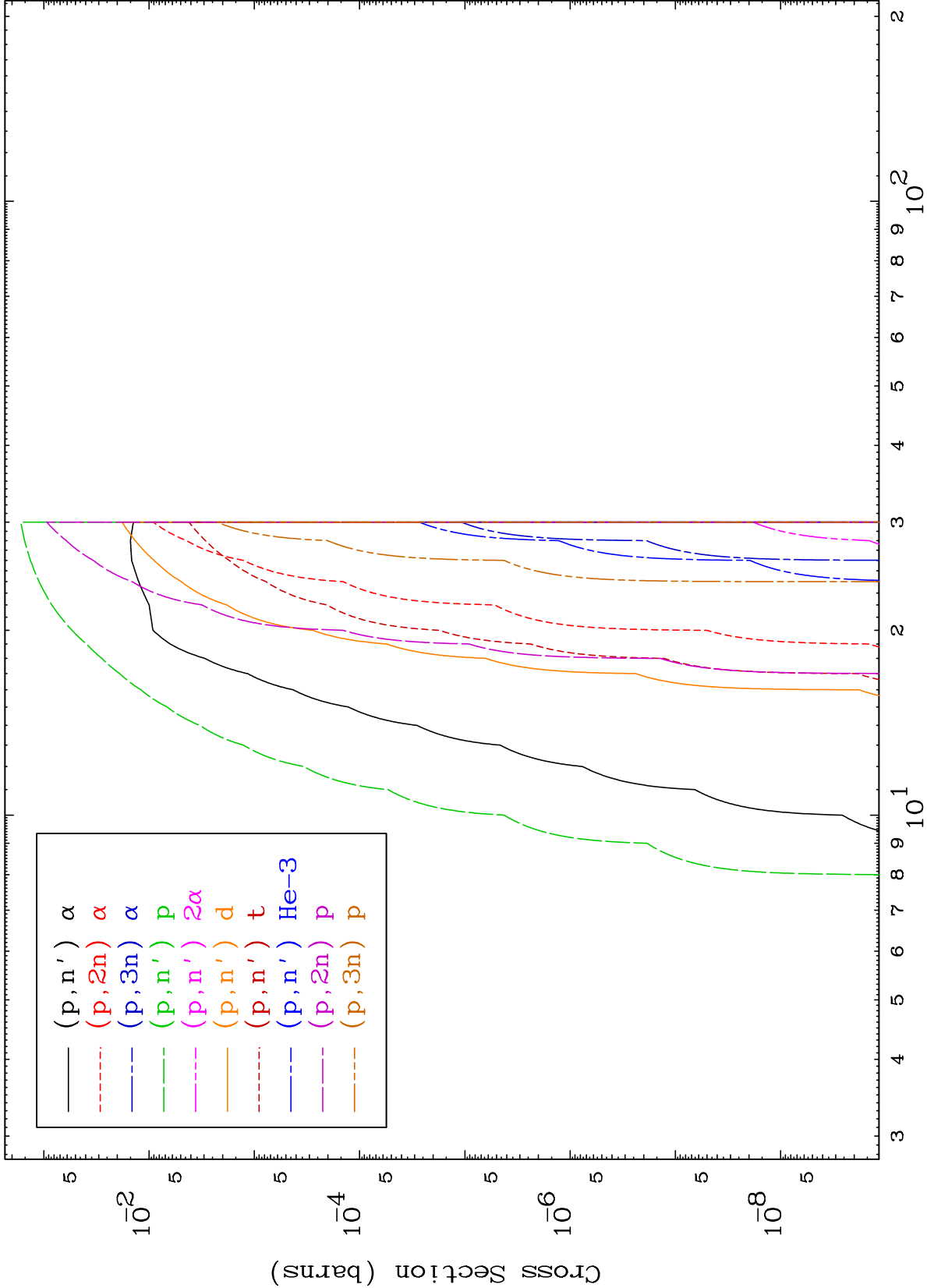
48-Cd-115



MAT 4853

Proton Charged Particle
0 Kelvin Cross Sections

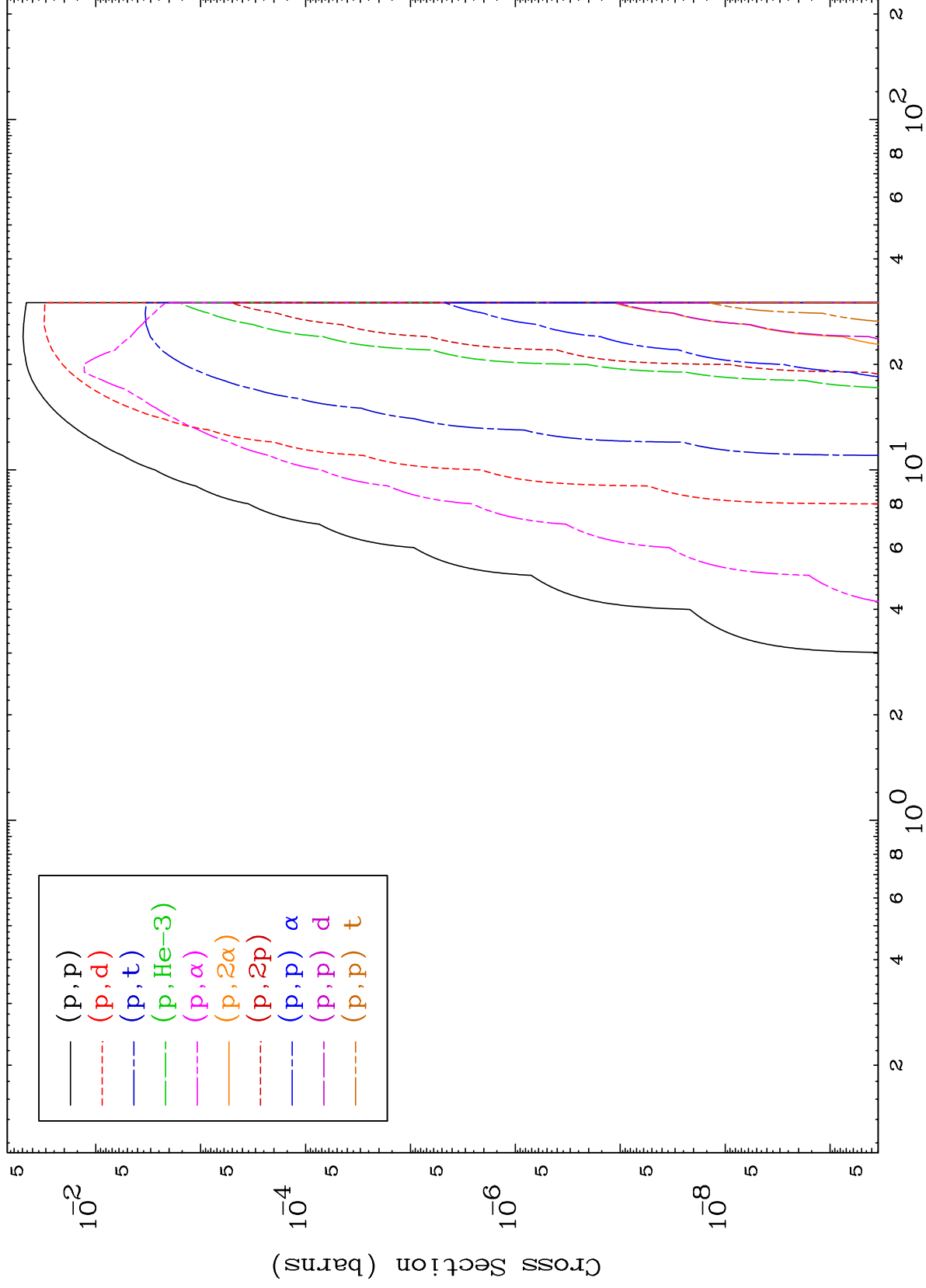
48-Cd-115



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Proton Charged Particle
0 Kelvin Cross Sections

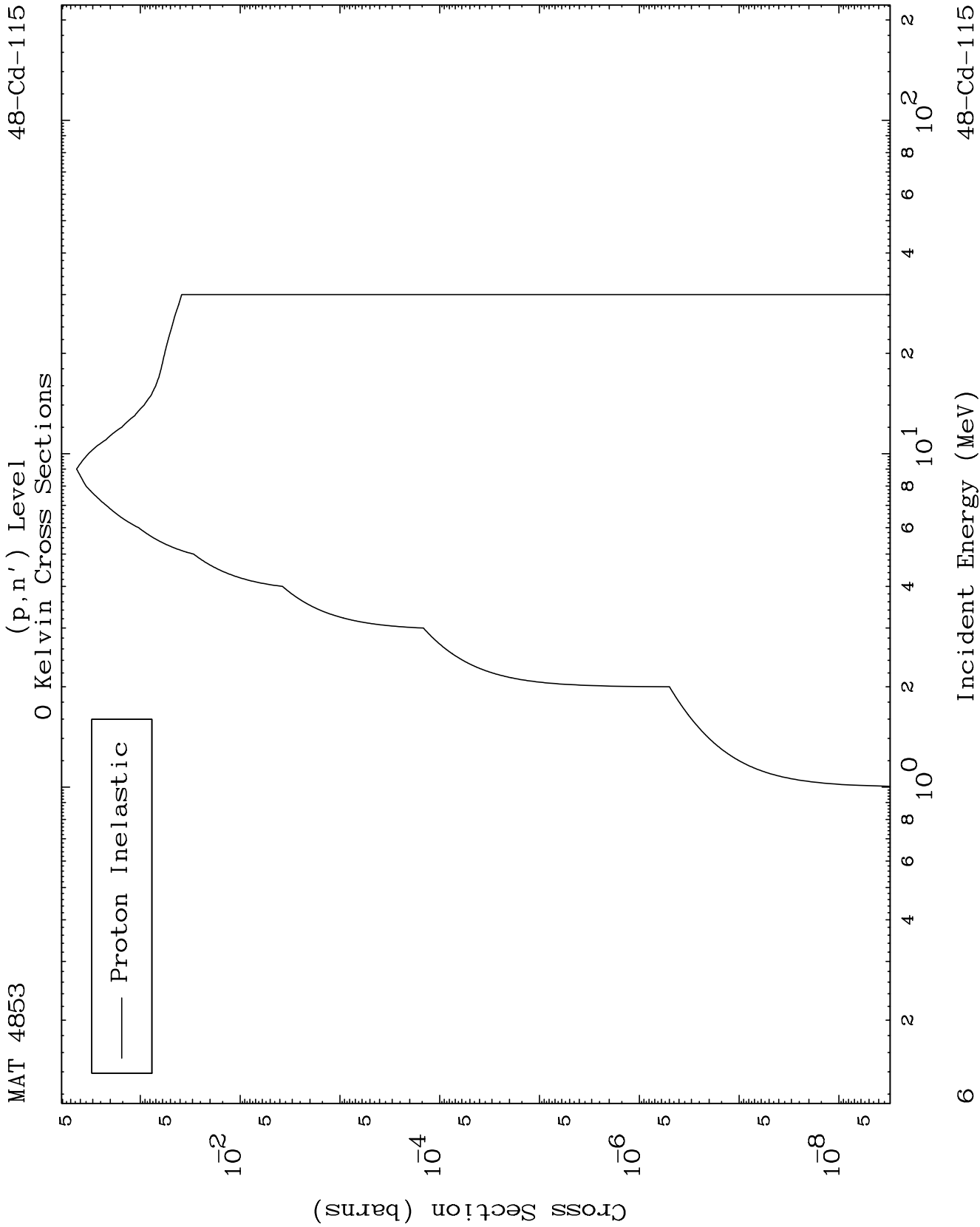
48-Cd-115



5

Incident Energy (MeV)

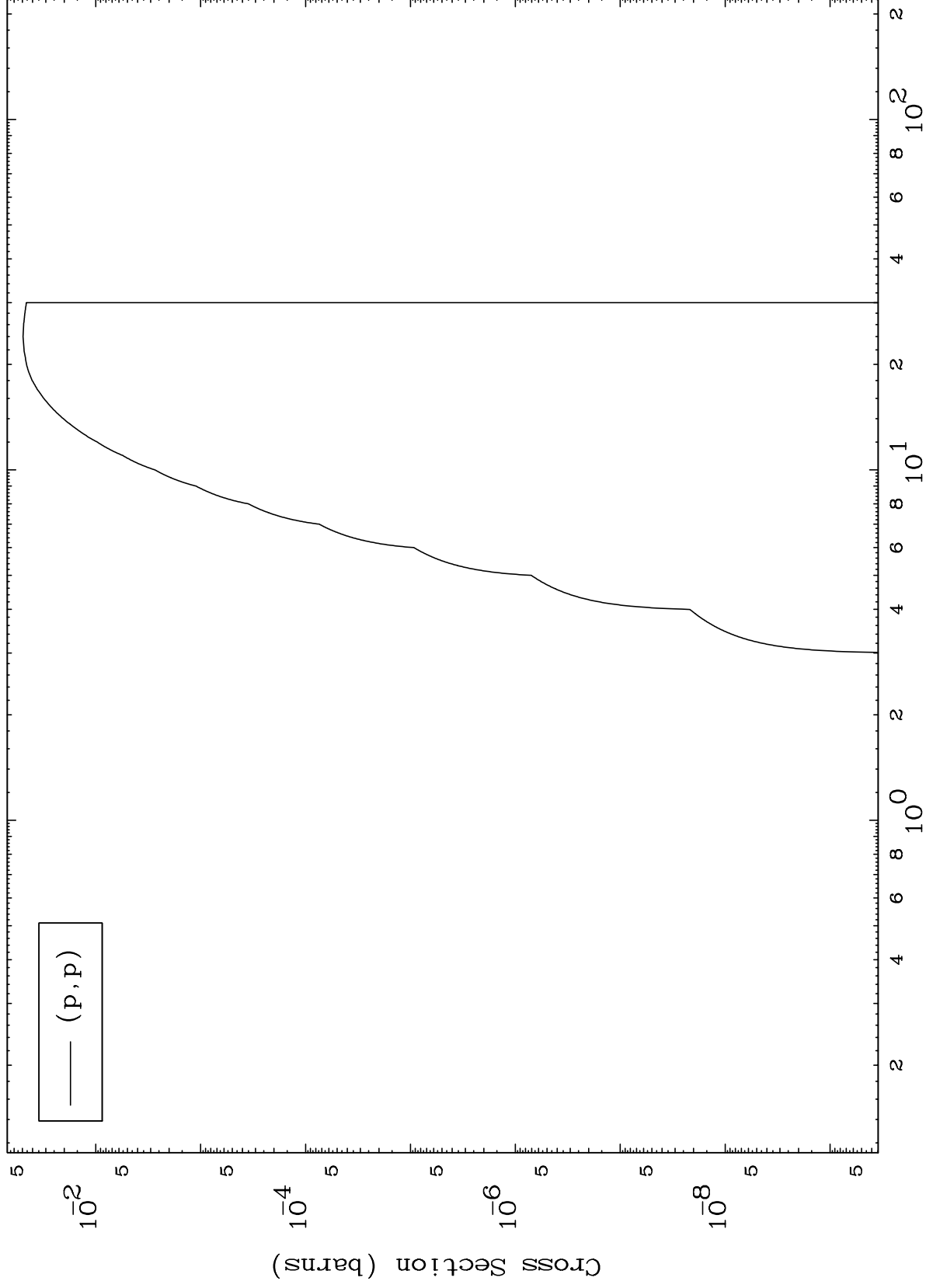
48-Cd-115



MAT 4853

48-Cd-115

(p,p) Levels
0 Kelvin Cross Sections



— (p,p)

48-Cd-115

Incident Energy (MeV)

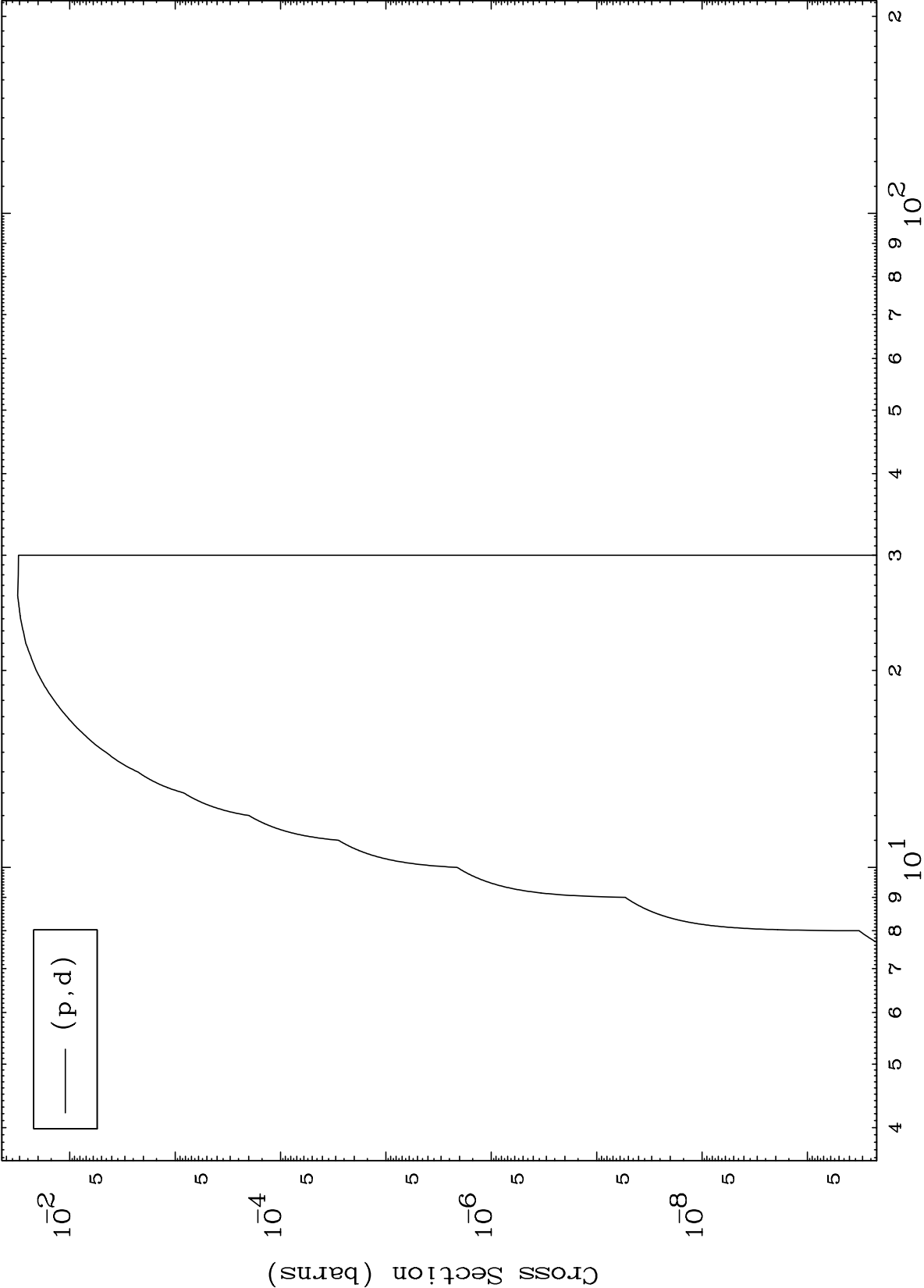
7

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(p,d) Levels

48-Cd-115

0 Kelvin Cross Sections



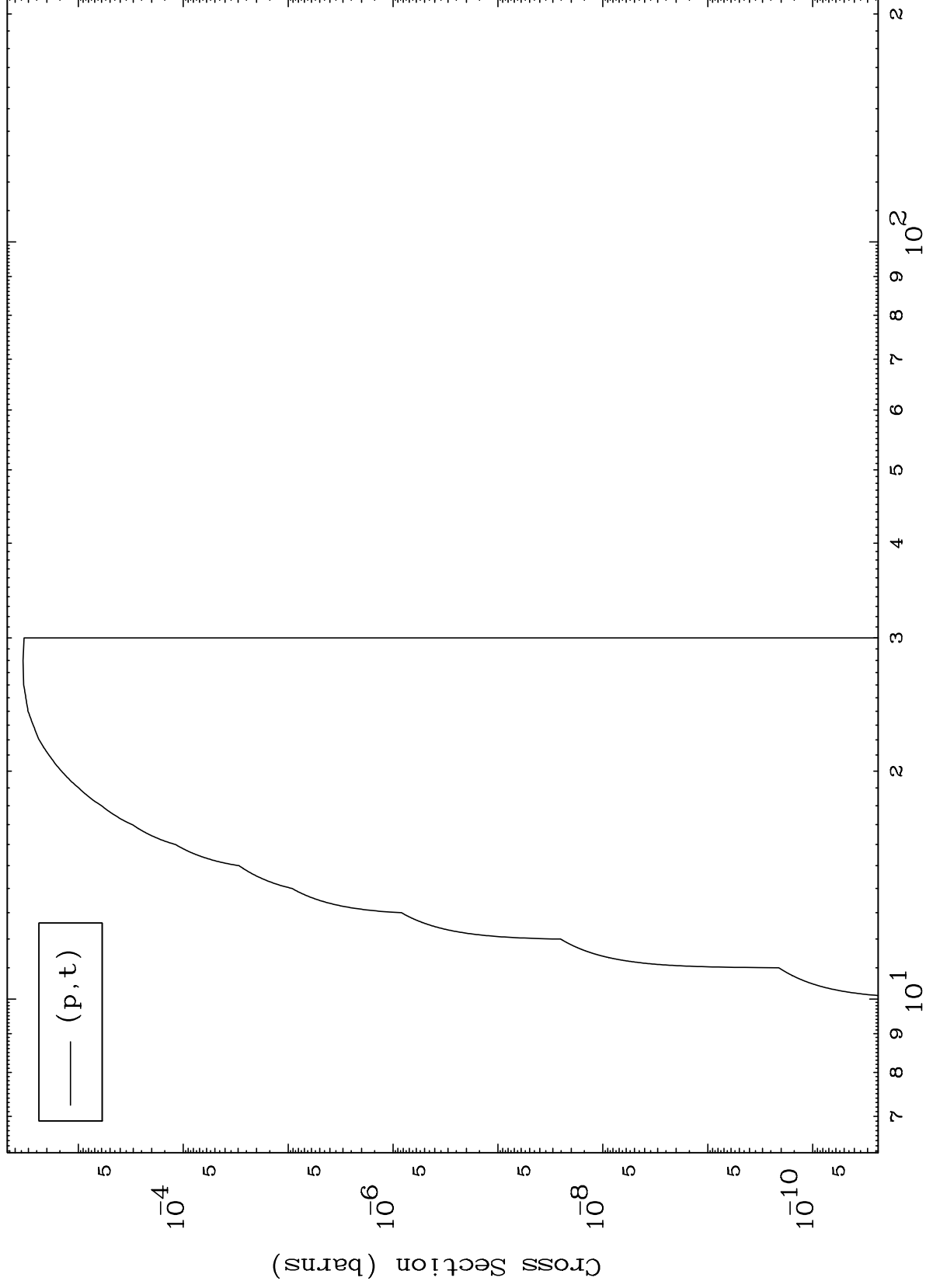
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

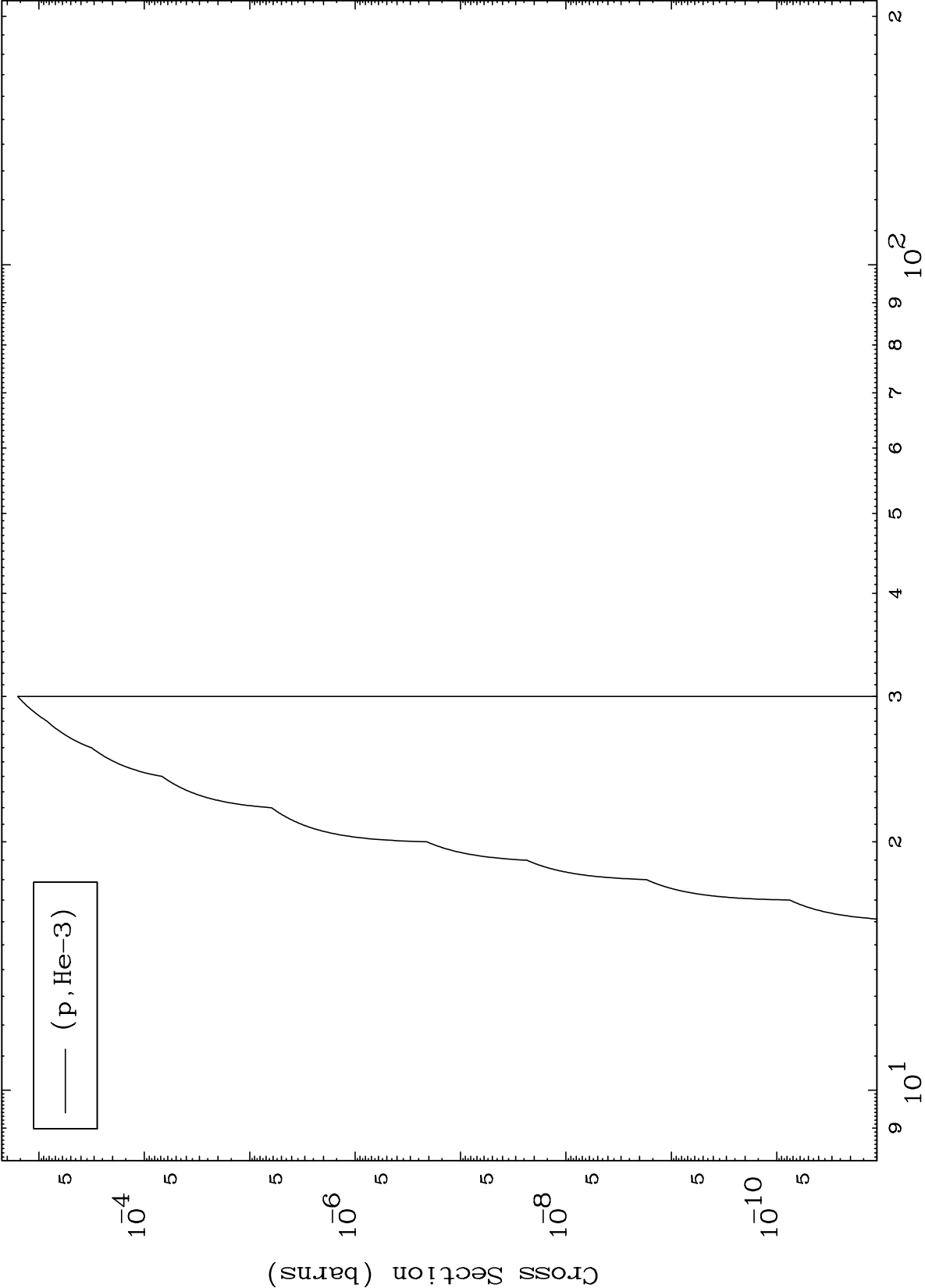
48-Cd-115

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(p,He3) Levels

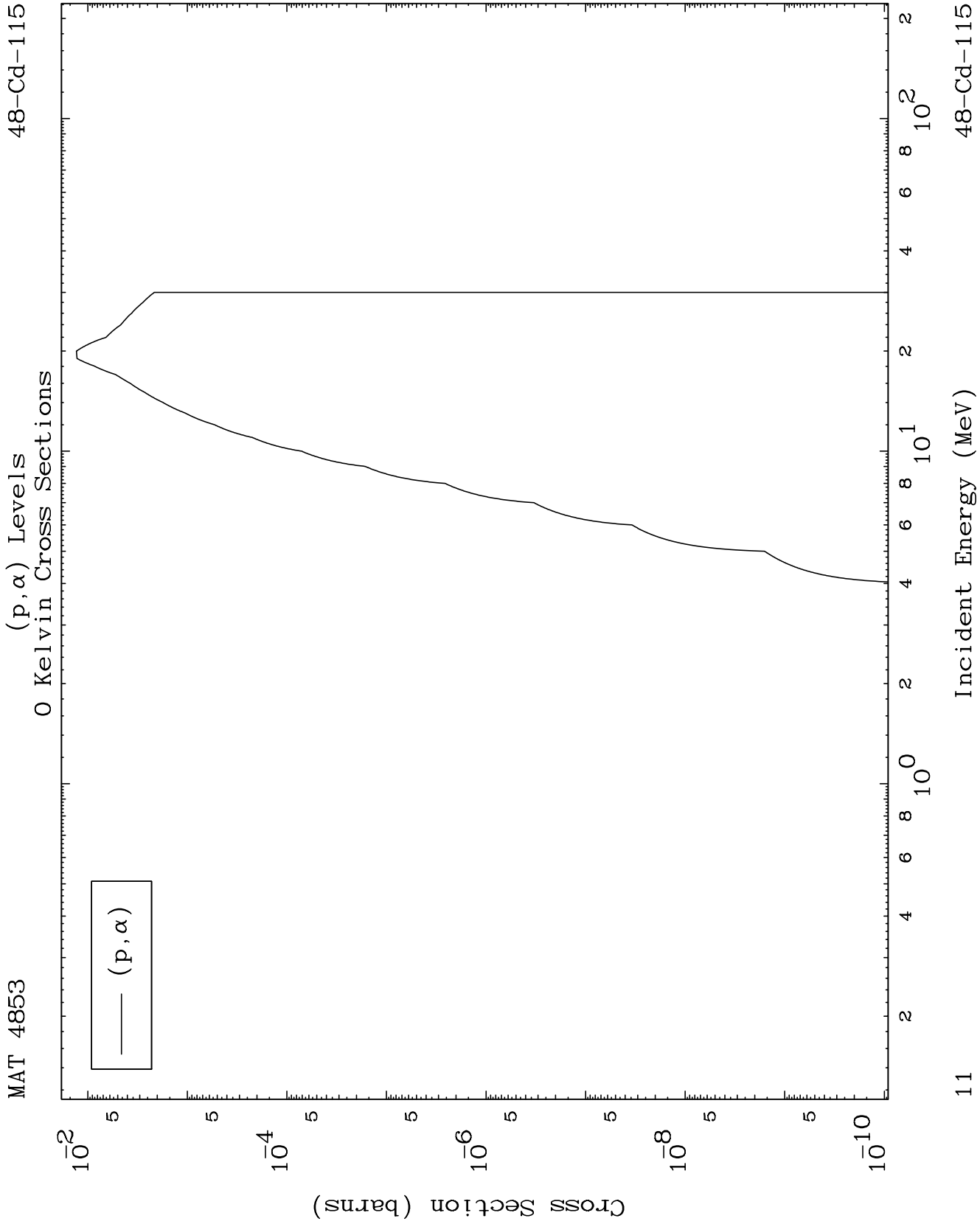
48-Cd-115

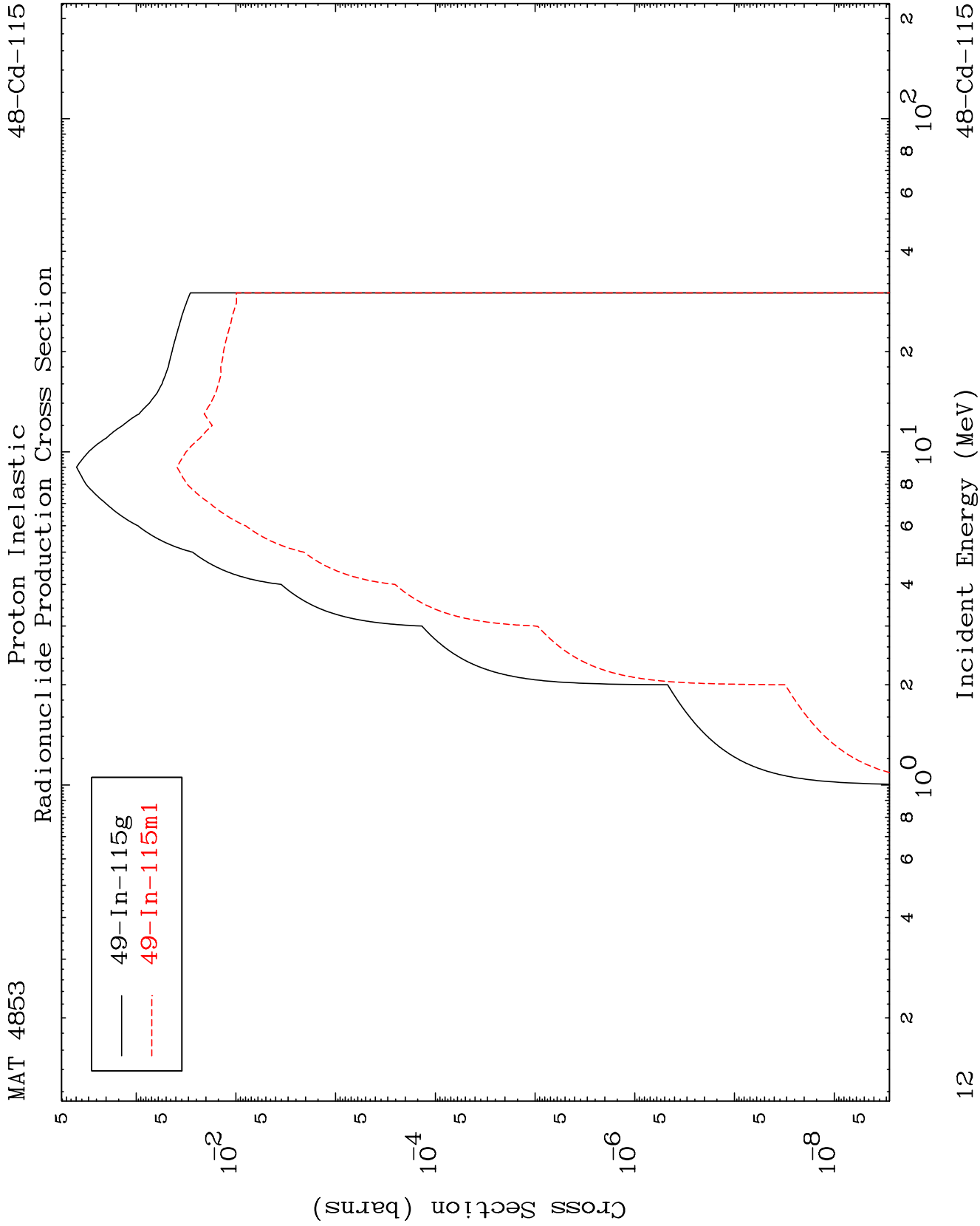
0 Kelvin Cross Sections

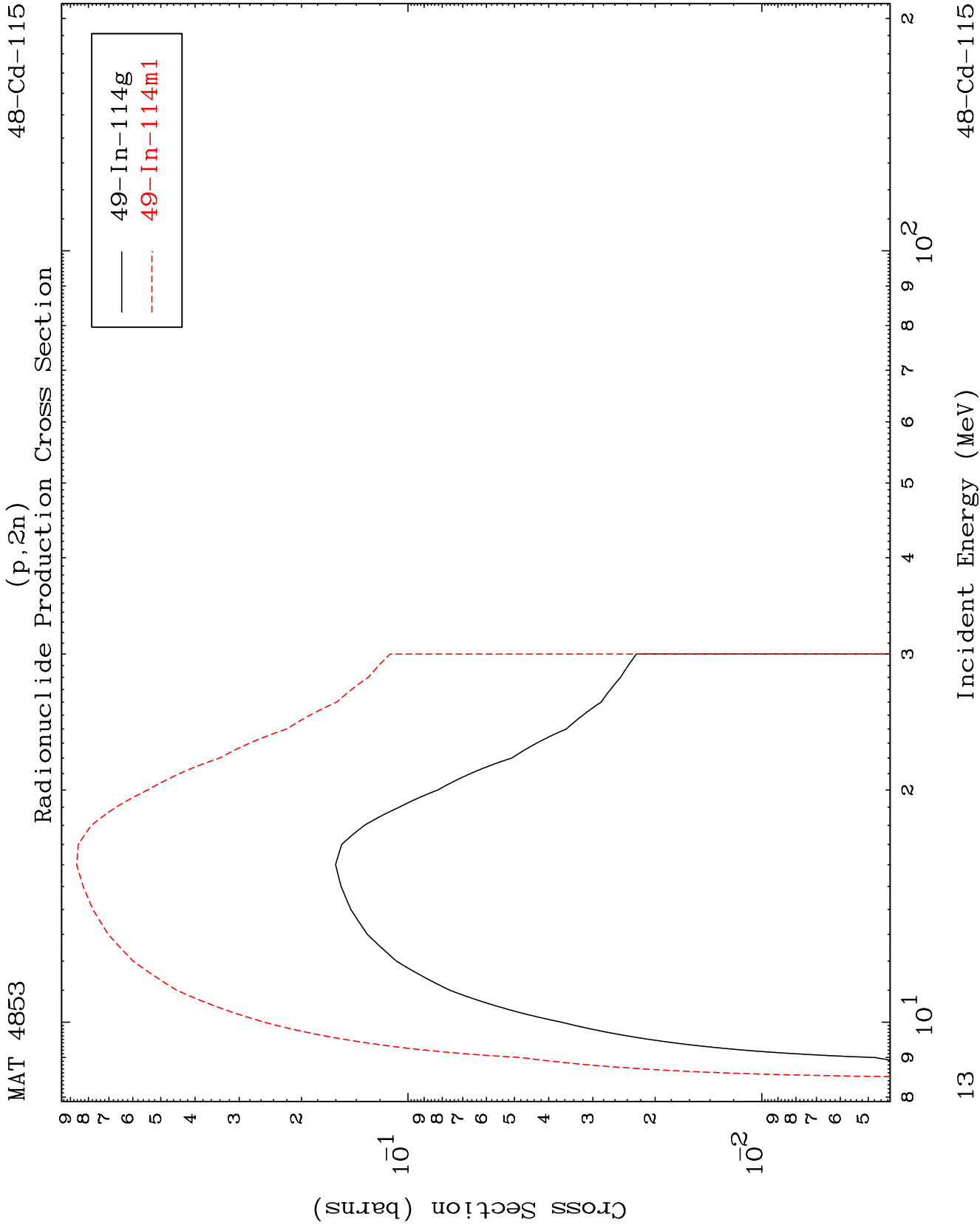


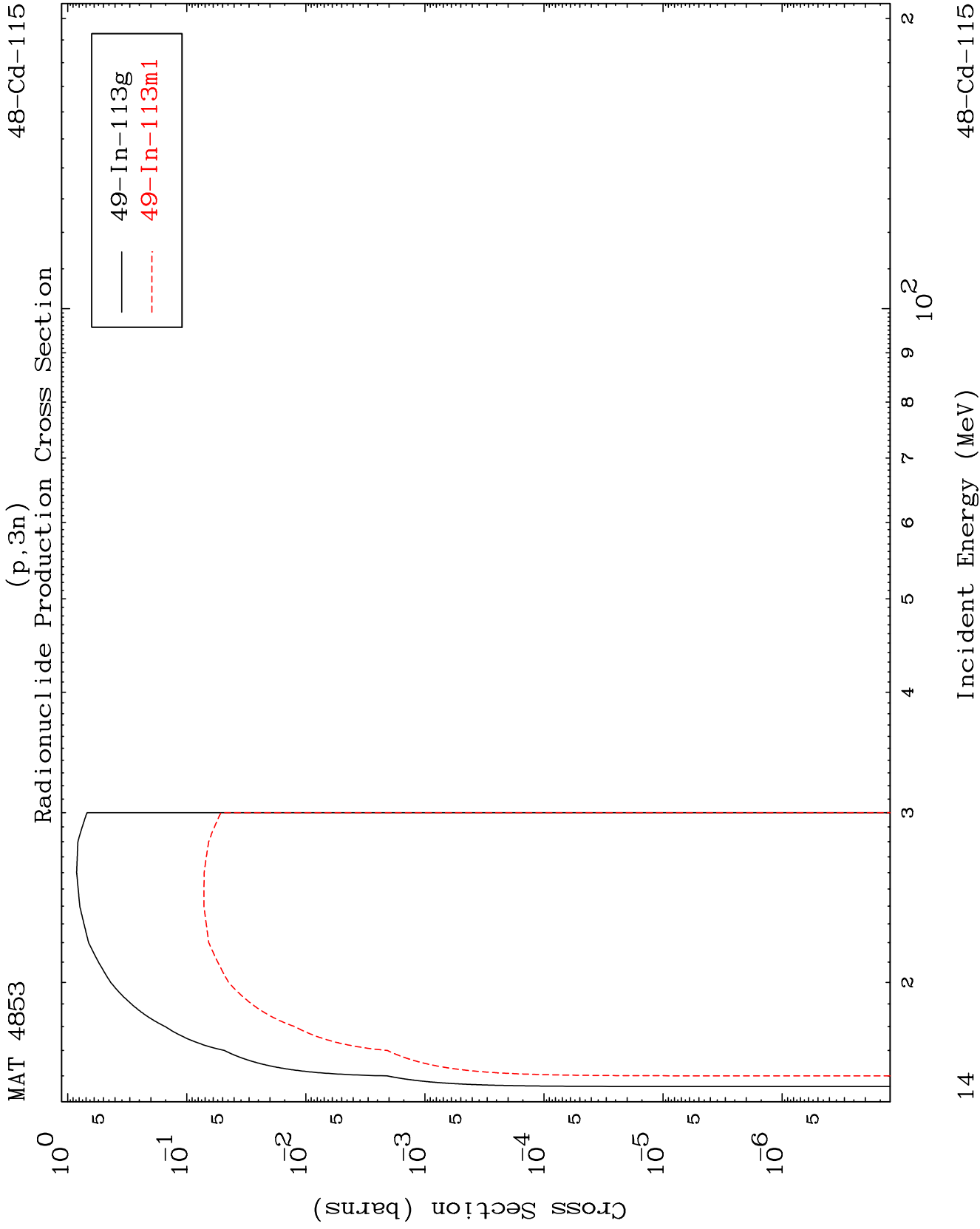
Incident Energy (MeV)

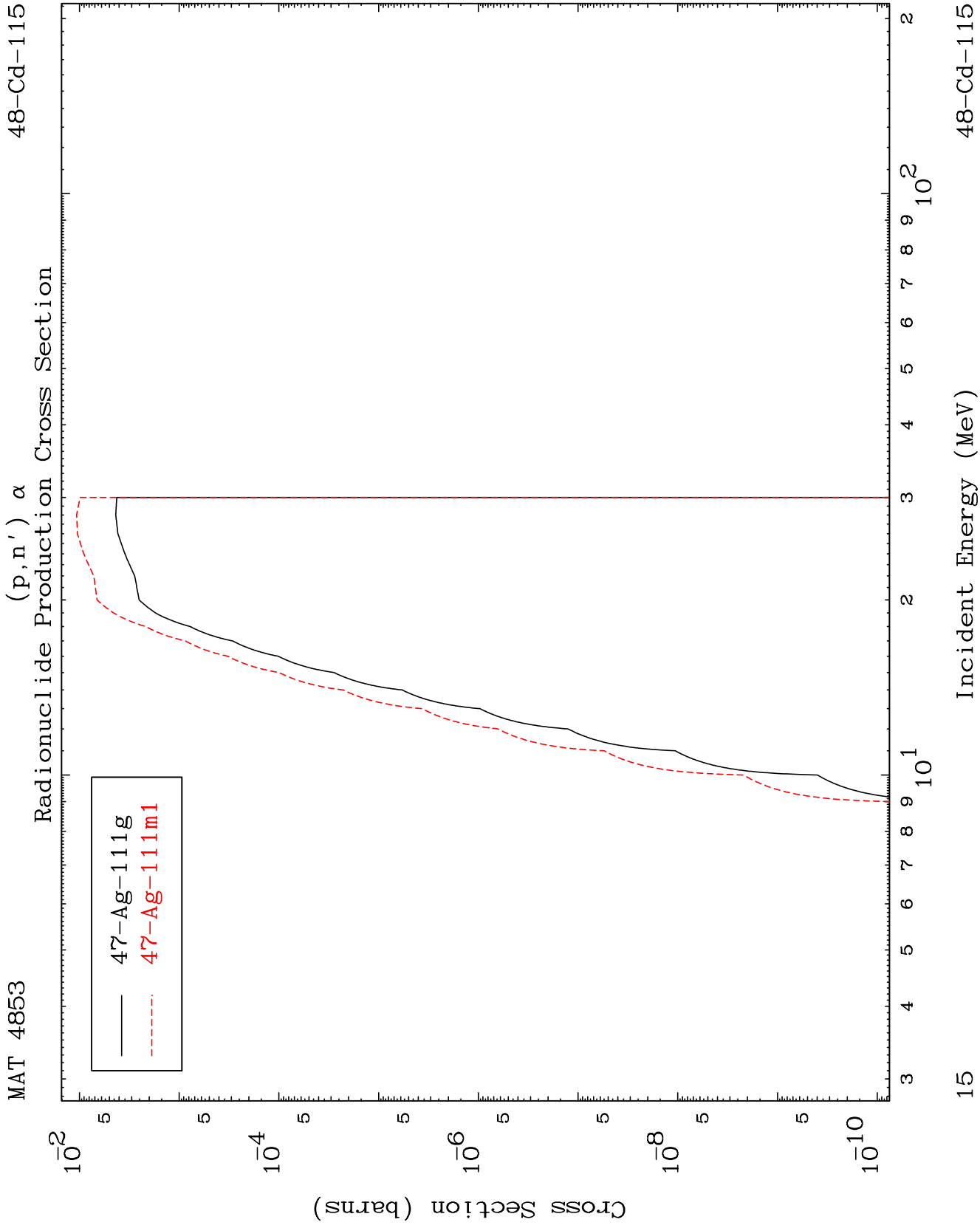
48-Cd-115







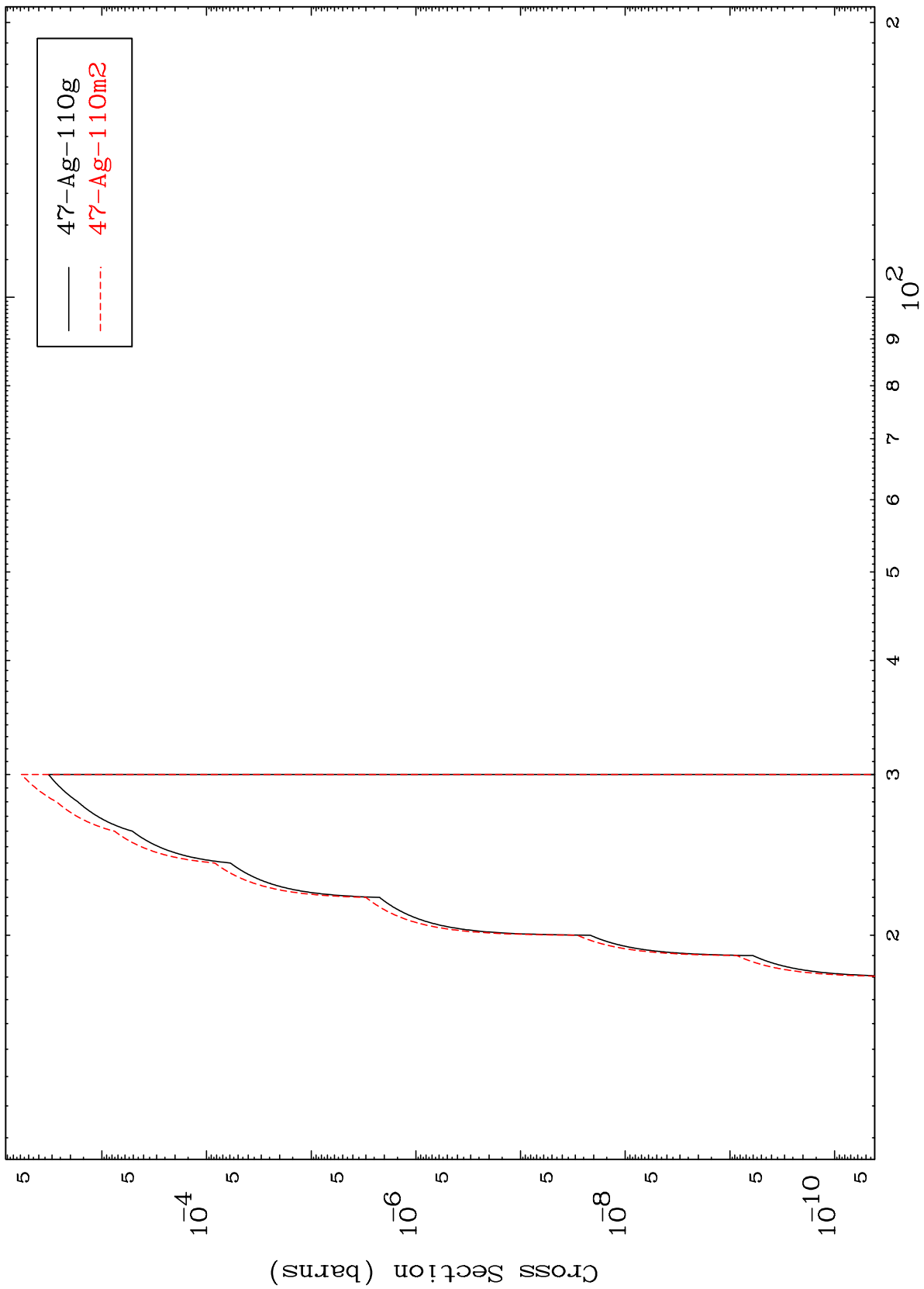




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48-Cd-115

(p,2n) α
Radionuclide Production Cross Section



16

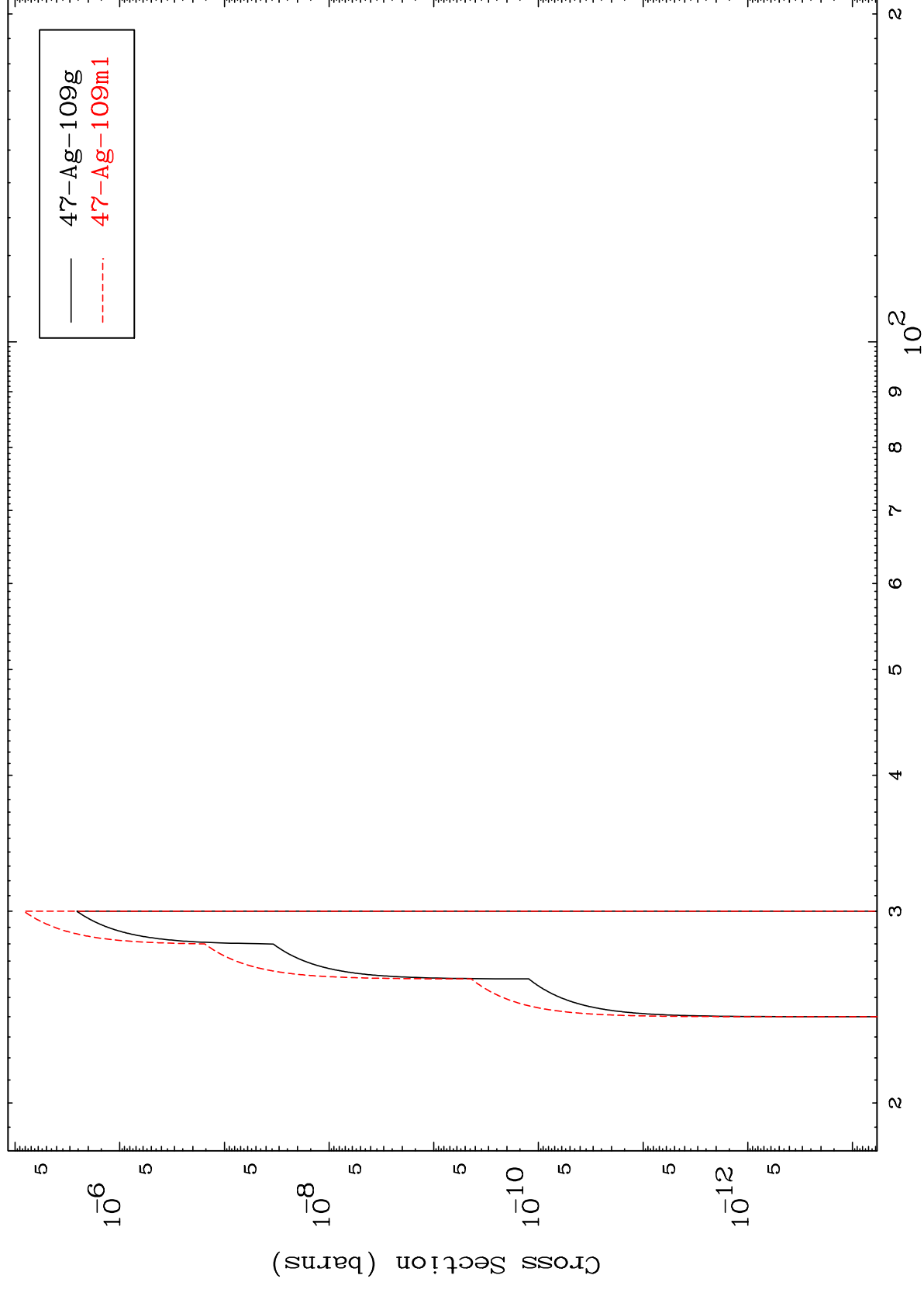
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

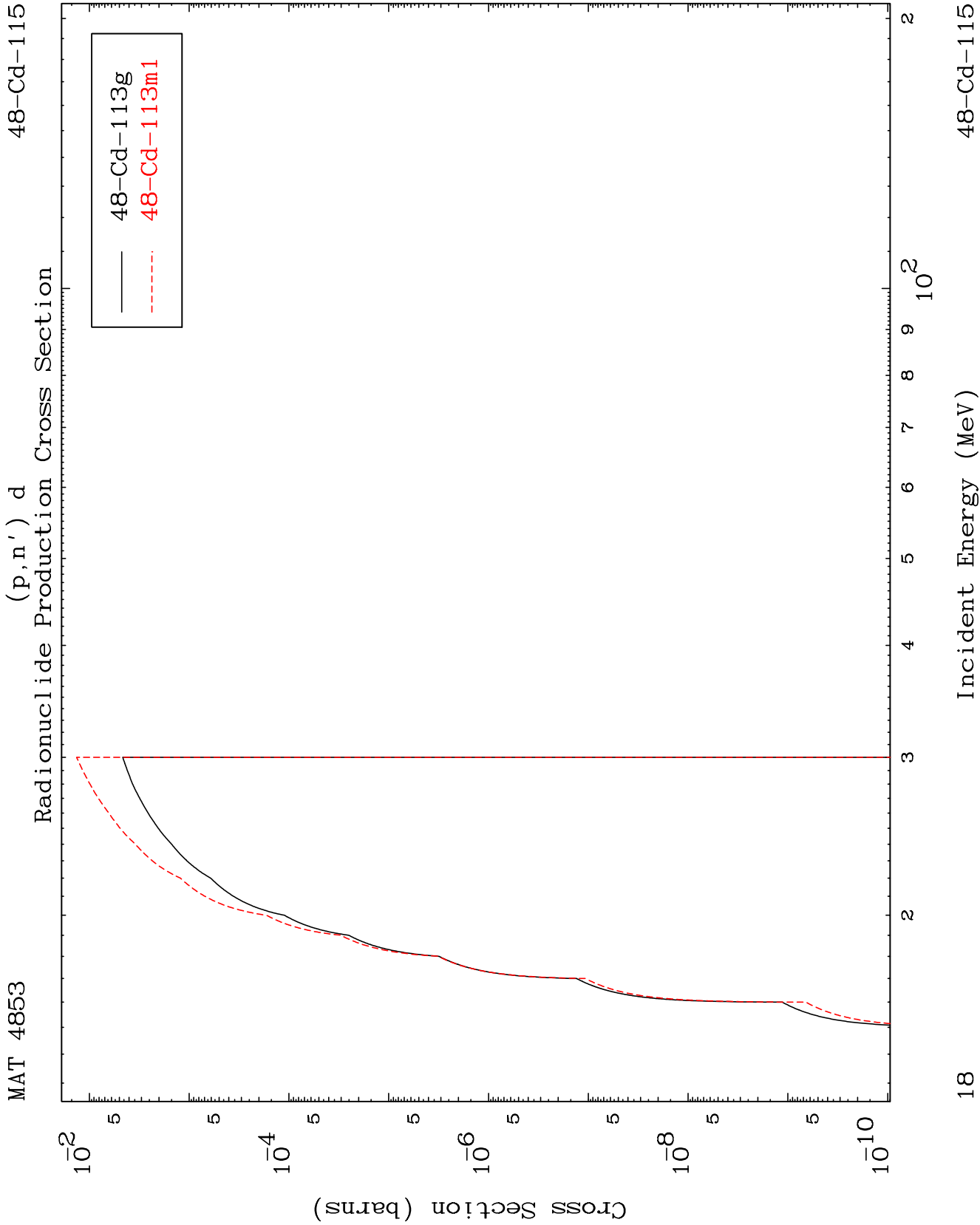
(p,3n) α
Radionuclide Production Cross Section

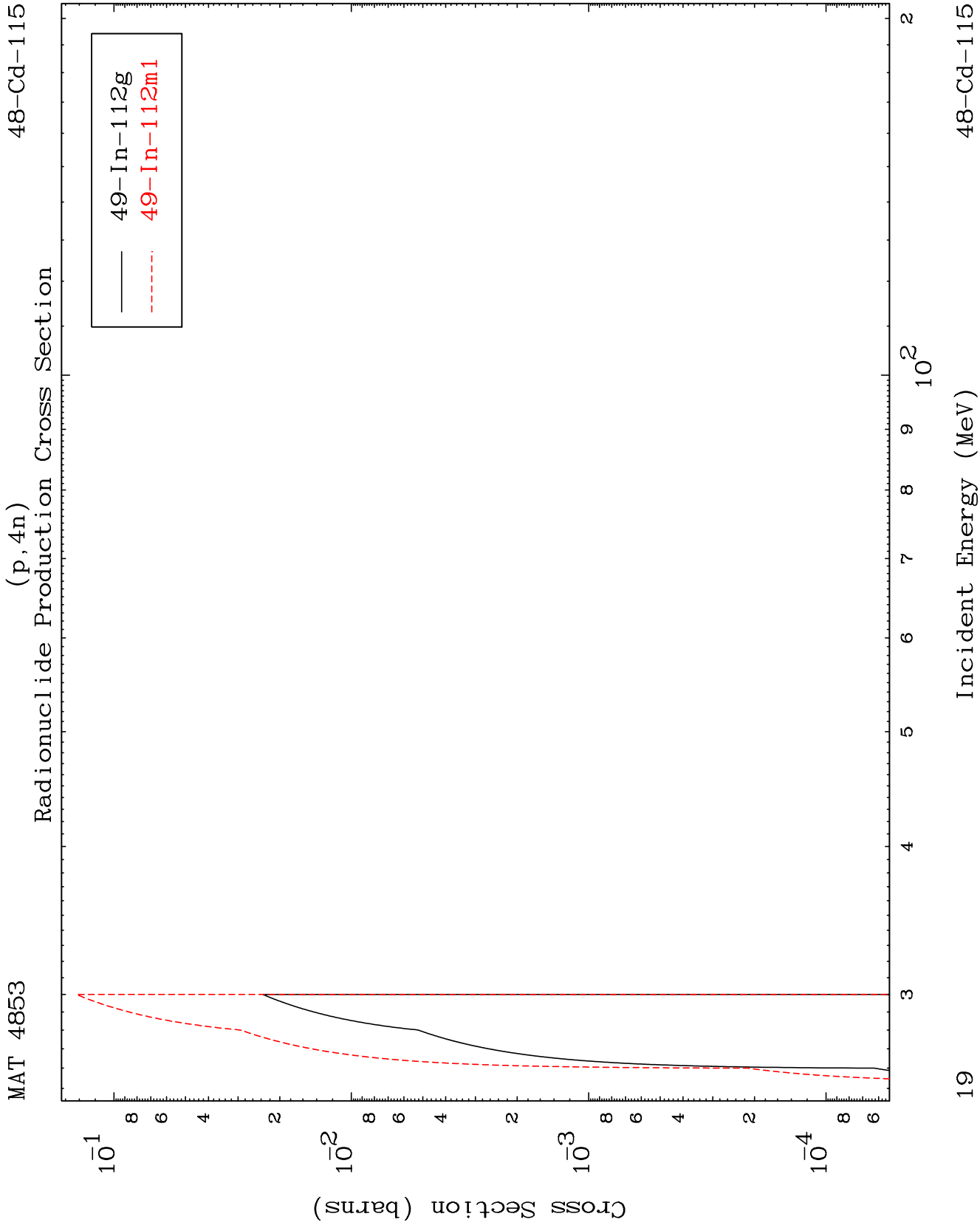
$$(p, 3n) \propto$$


21

Incident Energy (MeV)

48-Cd-115

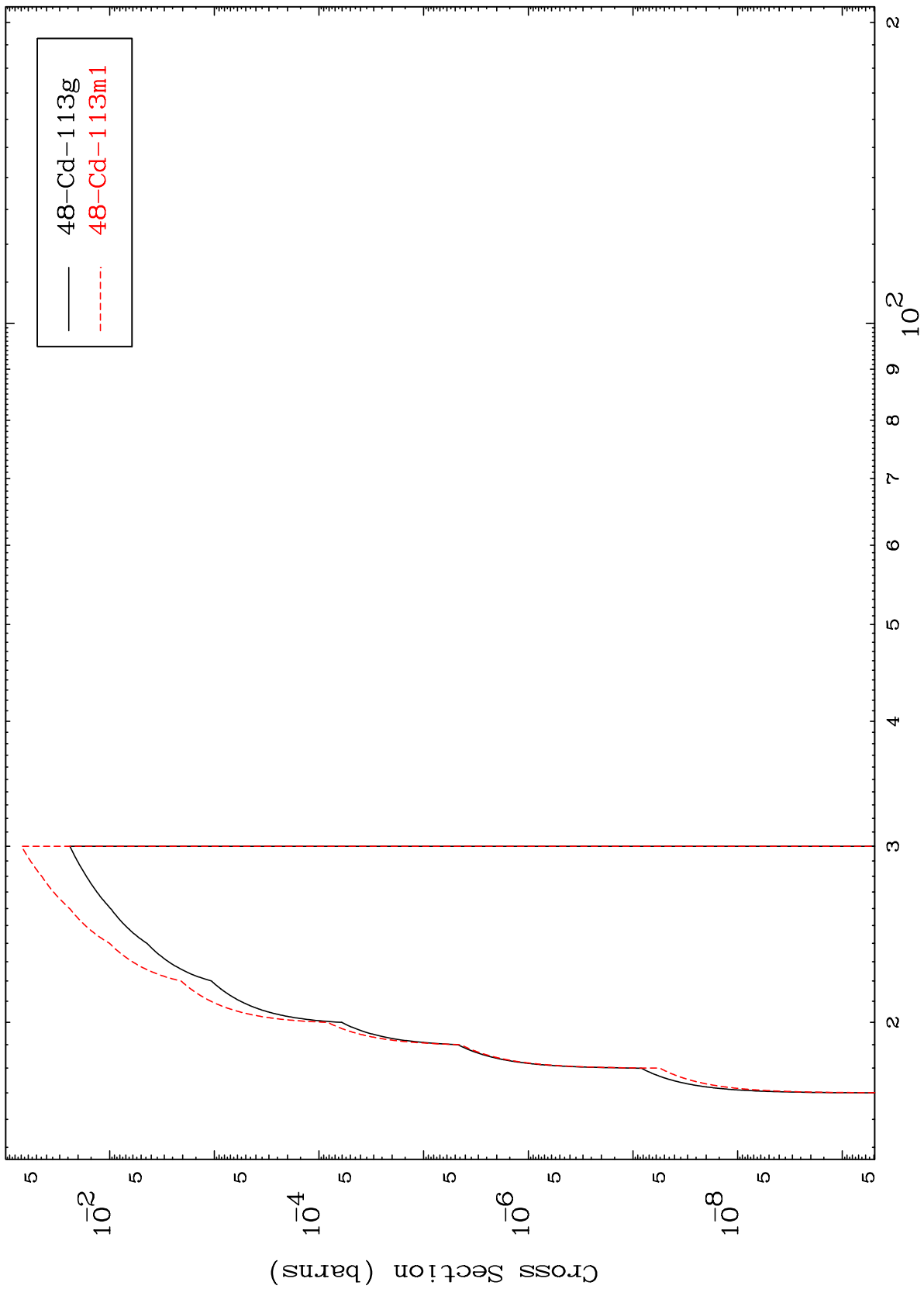




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48-Cd-115

(p,2n) p
Radionuclide Production Cross Section



20

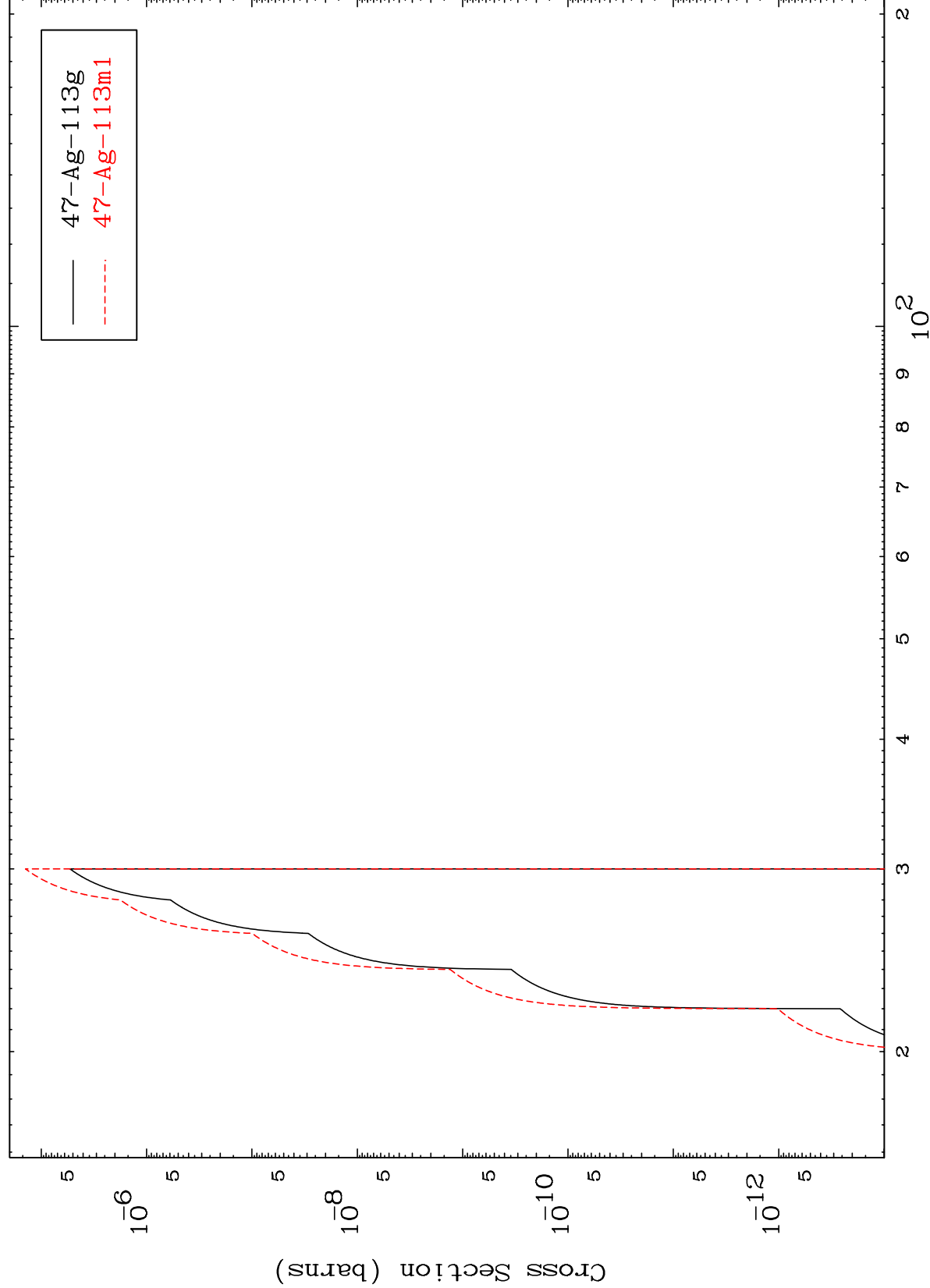
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

(p,2n) p
Radionuclide Production Cross Section

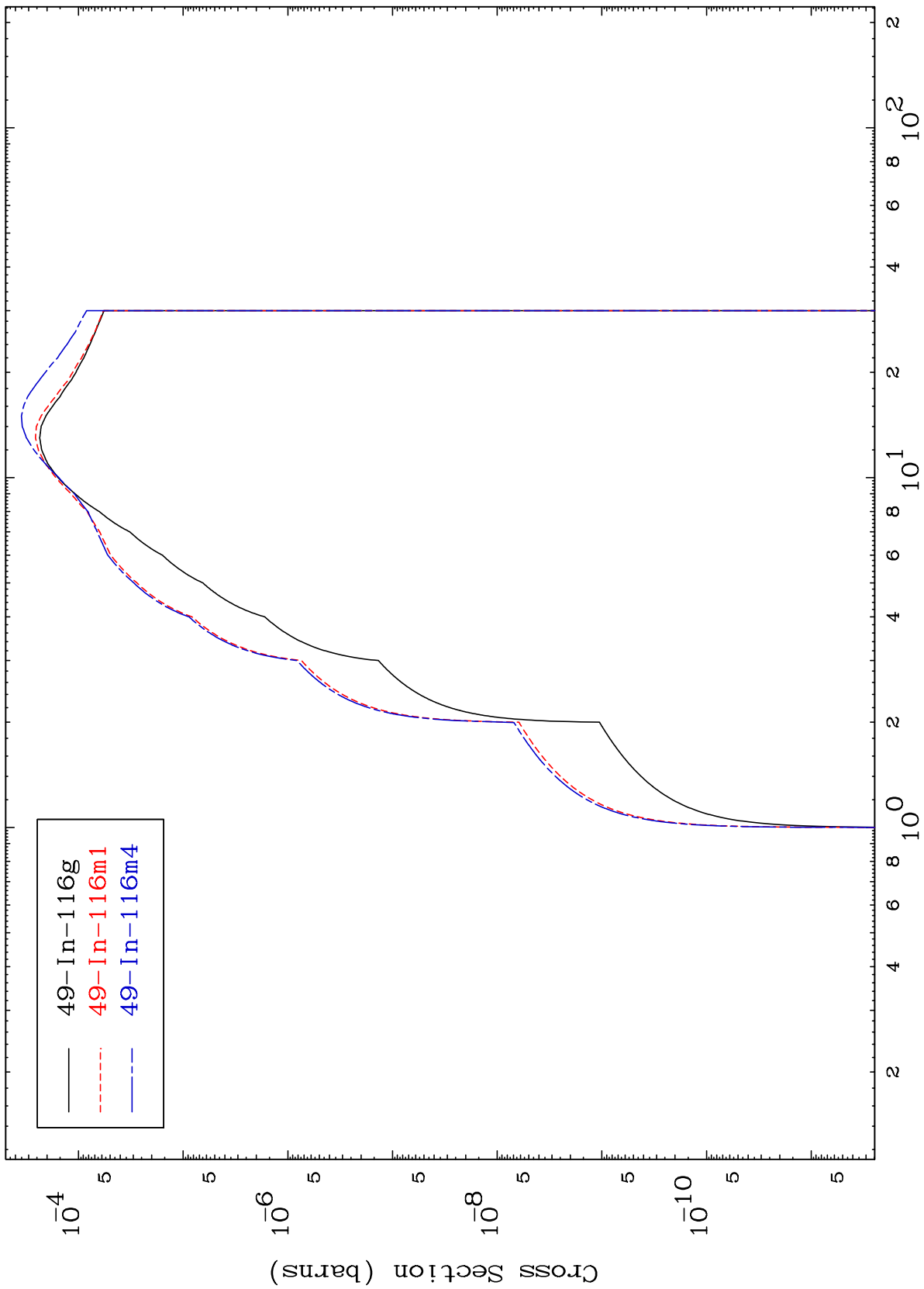


21

Incident Energy (MeV)

48-Cd-115

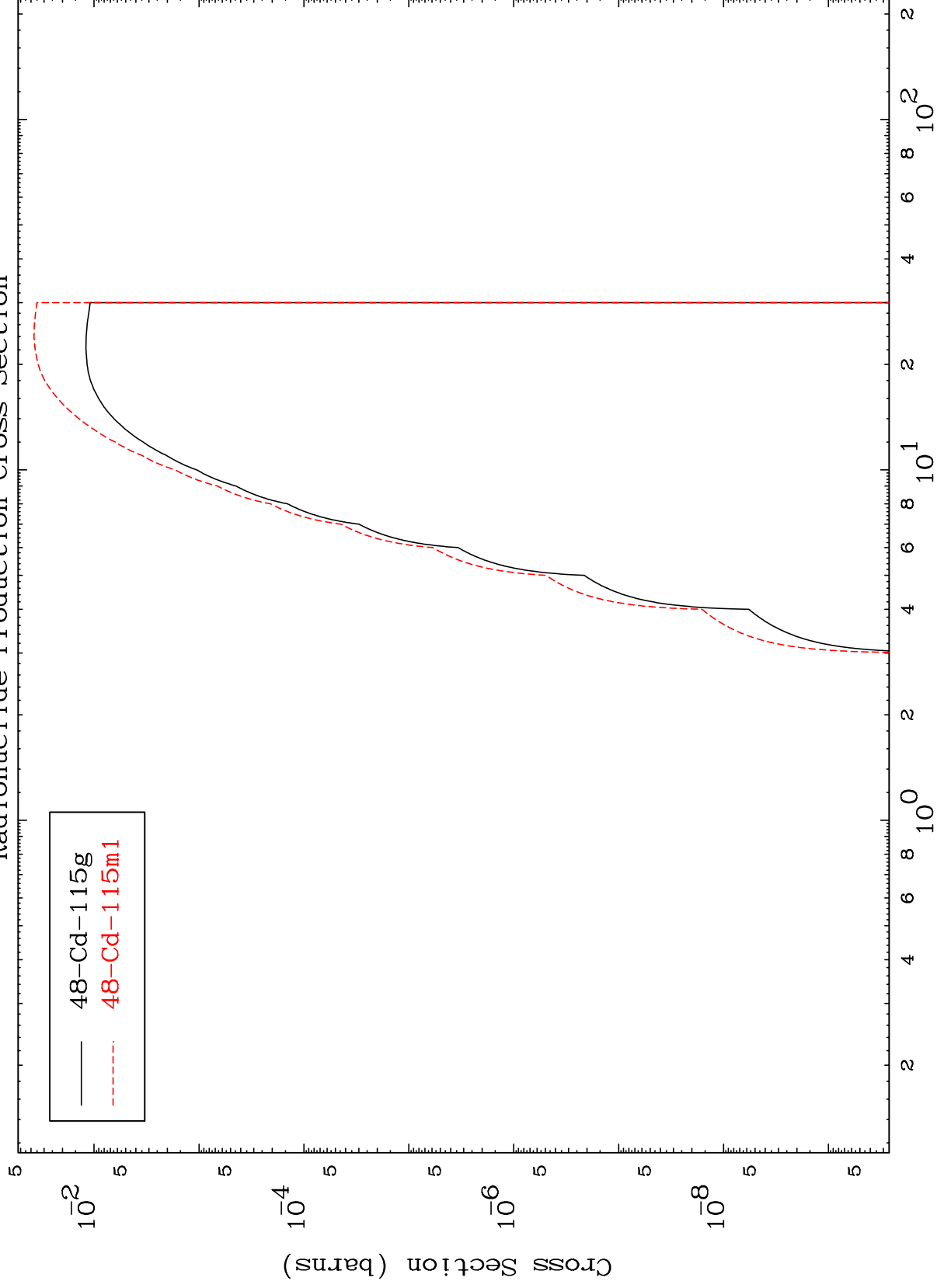
Radionuclide Production Cross Section
(p, γ)



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48-Cd-115

Radionuclide Production Cross Section
(p,p)



23

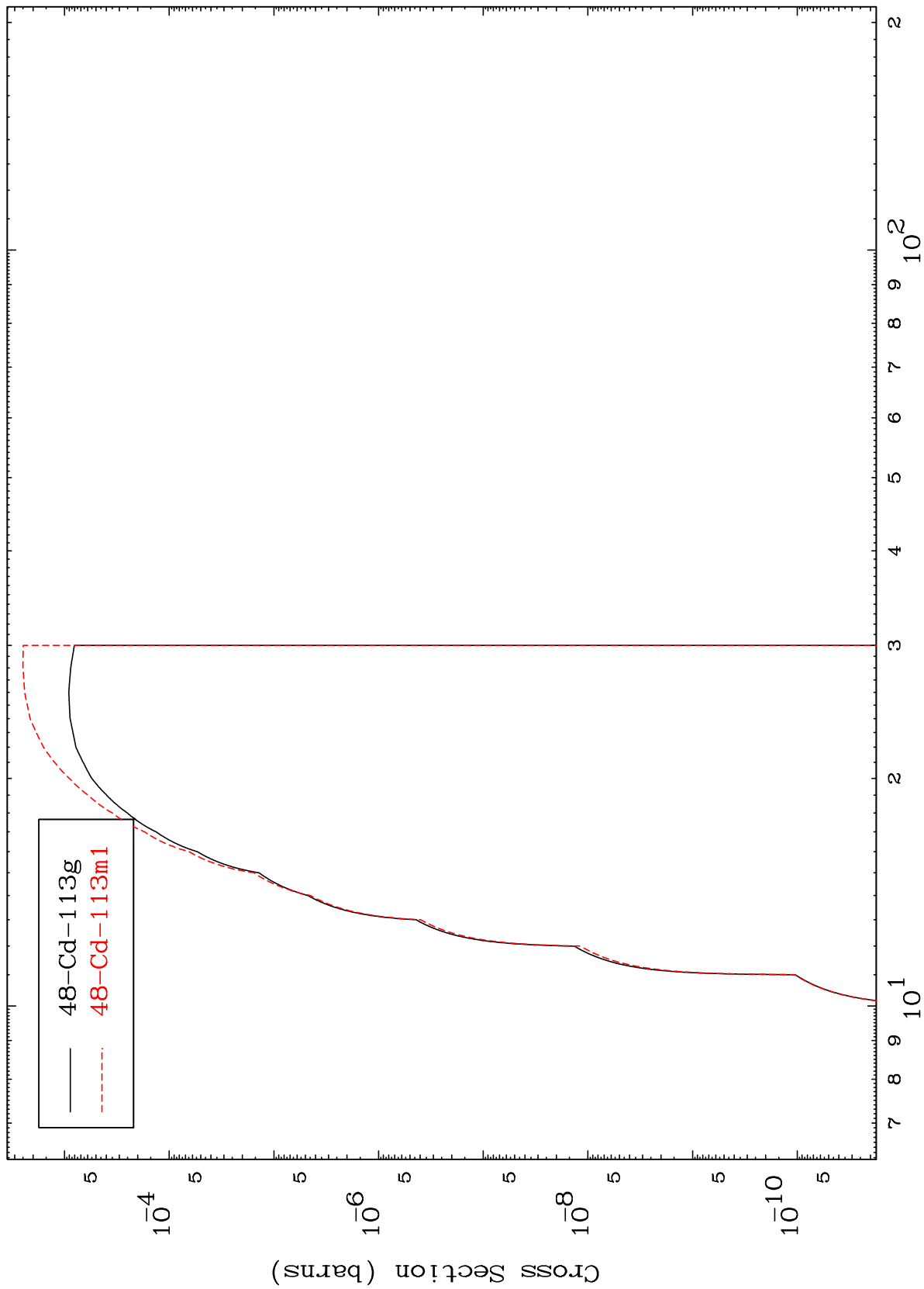
48-Cd-115

Incident Energy (MeV)

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48-Cd-115

Radionuclide Production Cross Section
(p,t)



24

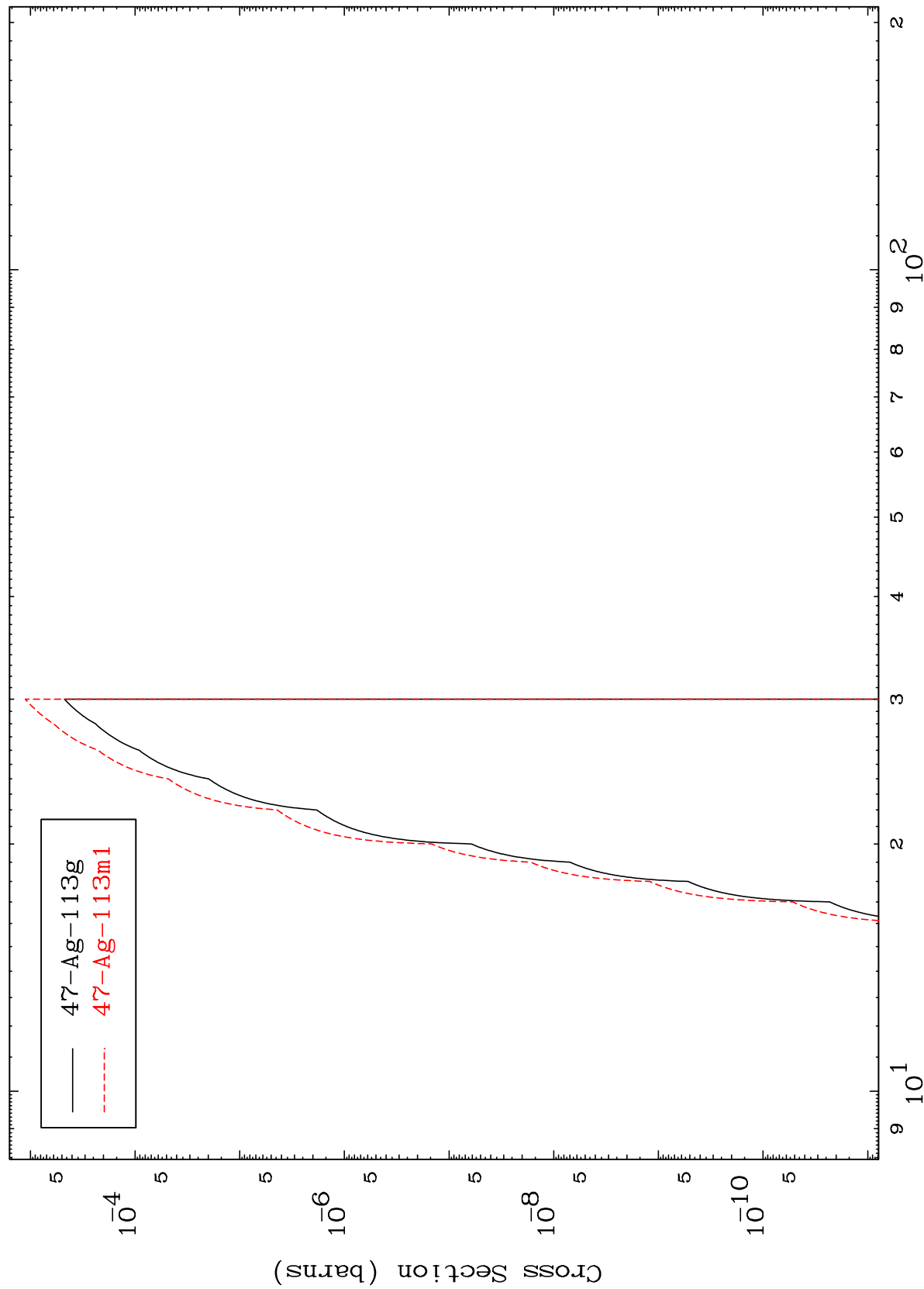
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

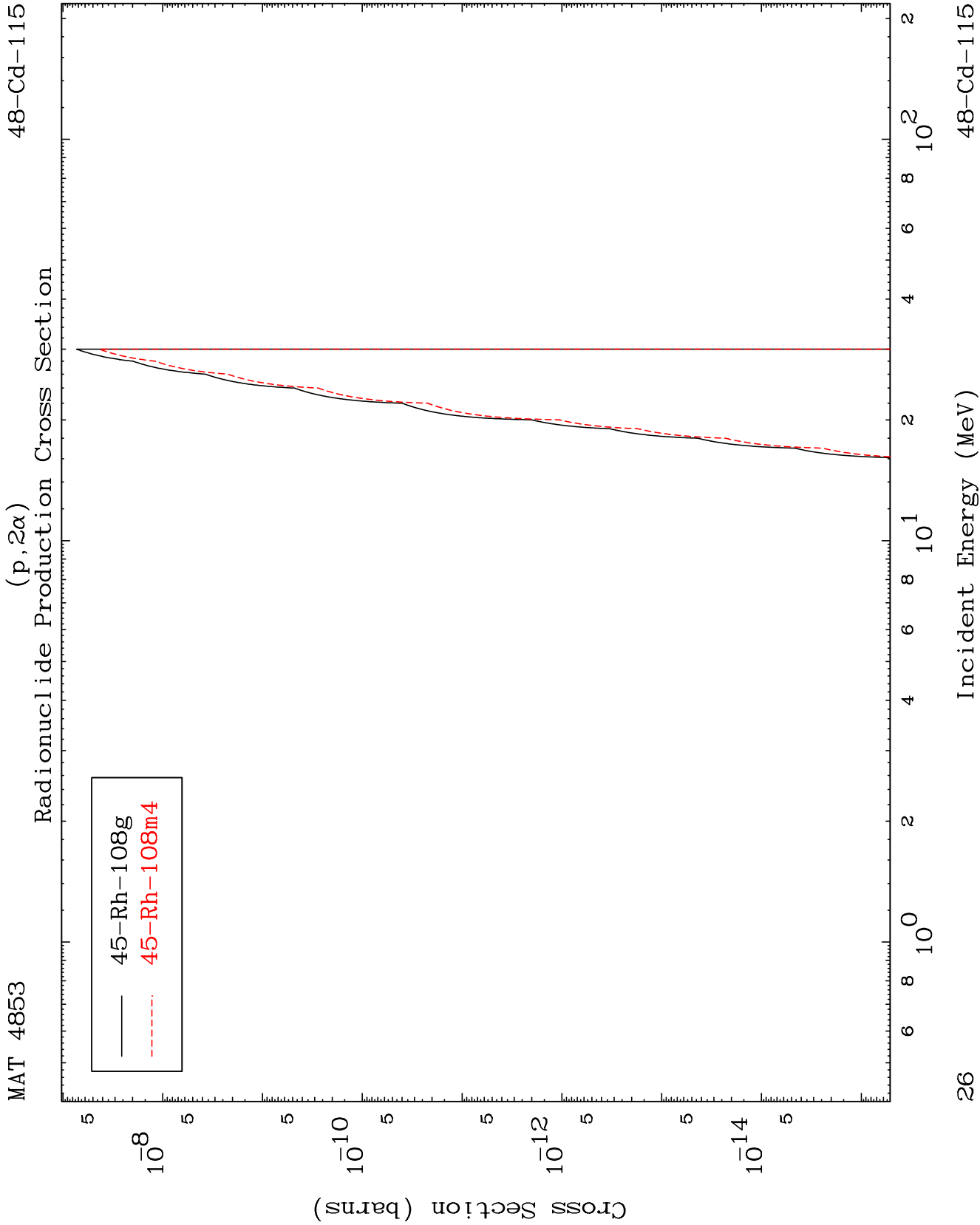
Radionuclide Production Cross Section
(p,He-3)



48-Cd-115

Incident Energy (MeV)

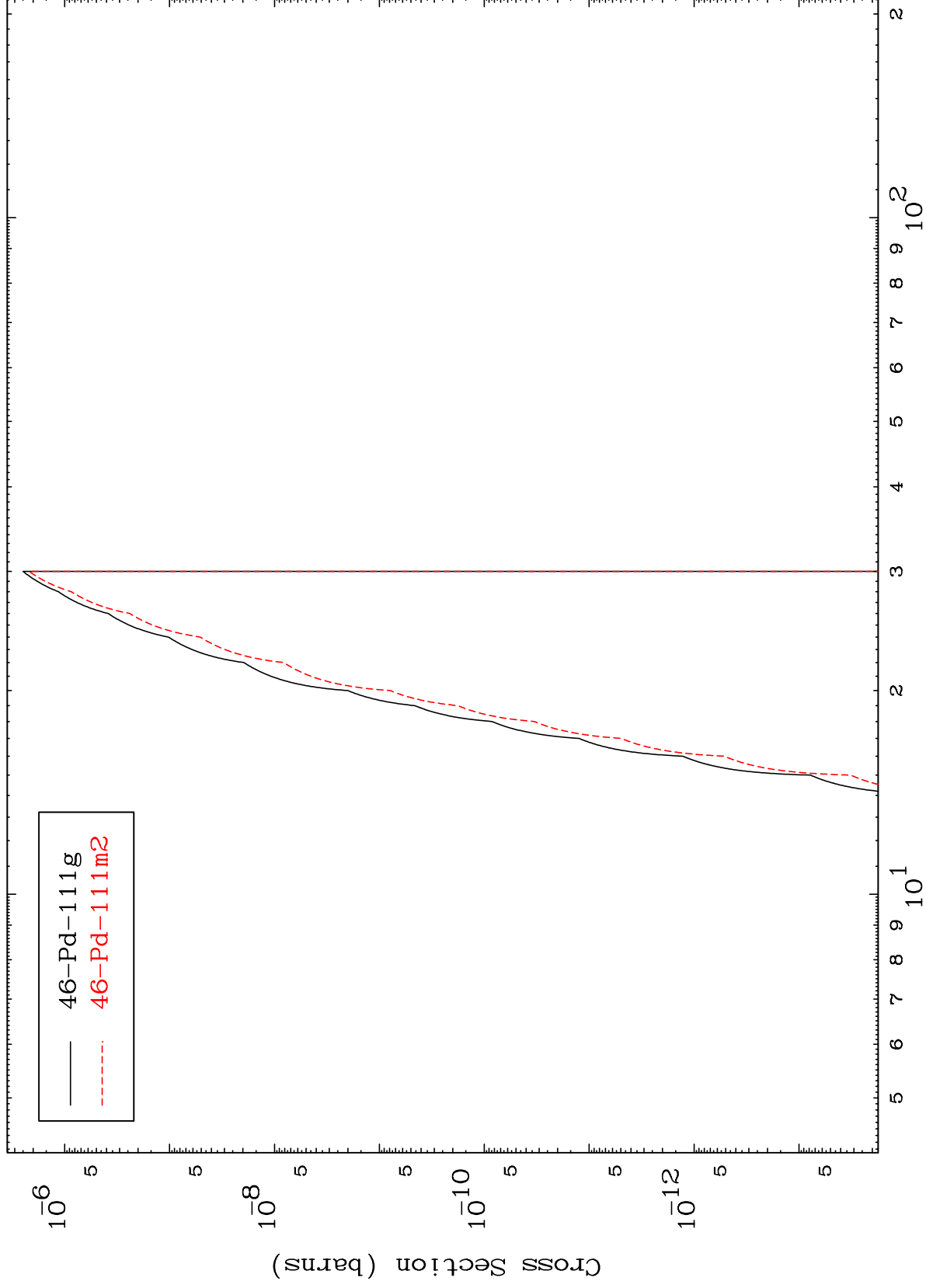
25



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48-Cd-115

(p,p) α
Radionuclide Production Cross Section



27

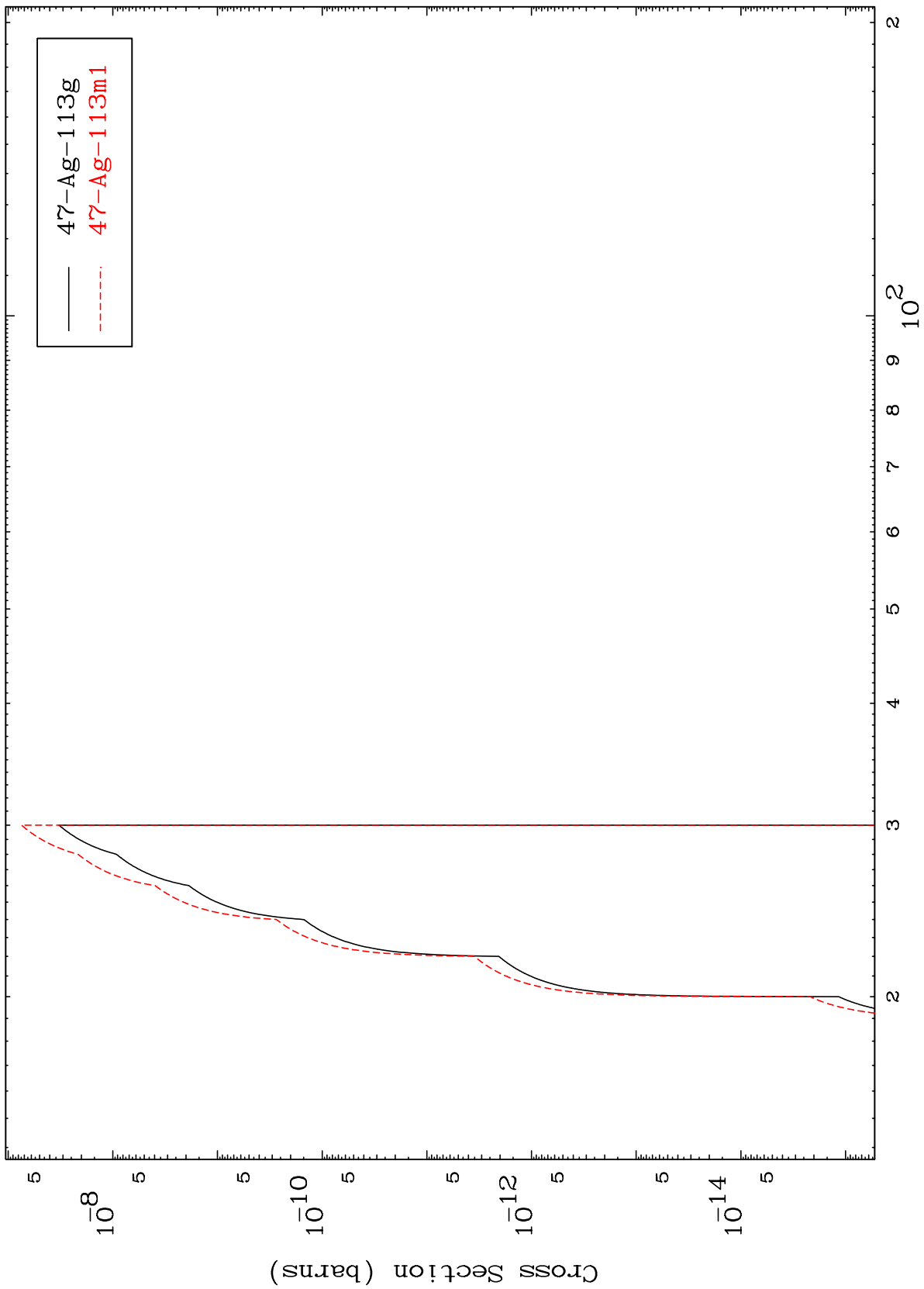
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

(p,p) d
Radionuclide Production Cross Section



28

Incident Energy (MeV)

48-Cd-115