

Program EVALPLOT
(Version 2021-1)

by

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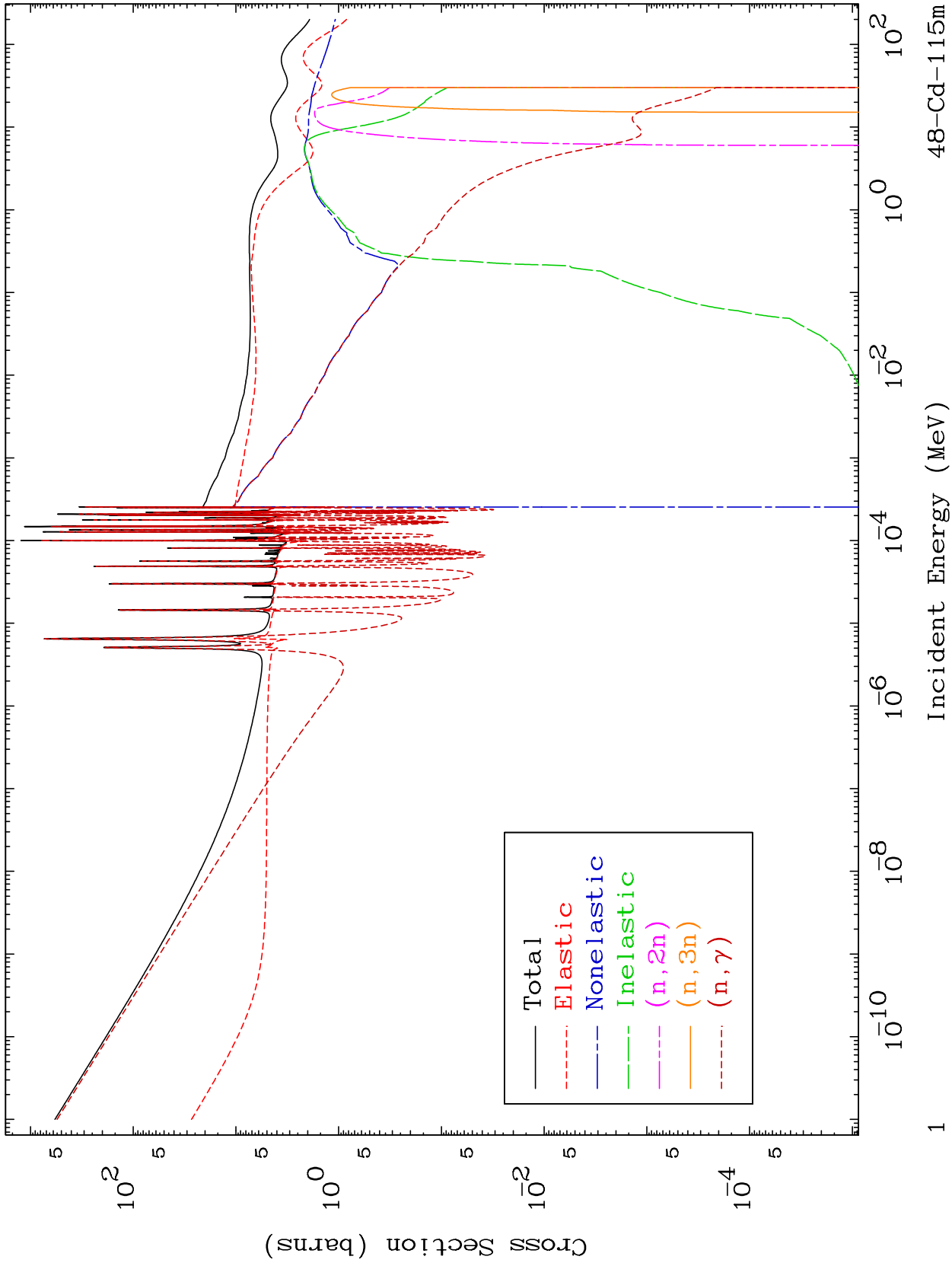
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4853

Neutron Major
293 Kelvin Cross Sections

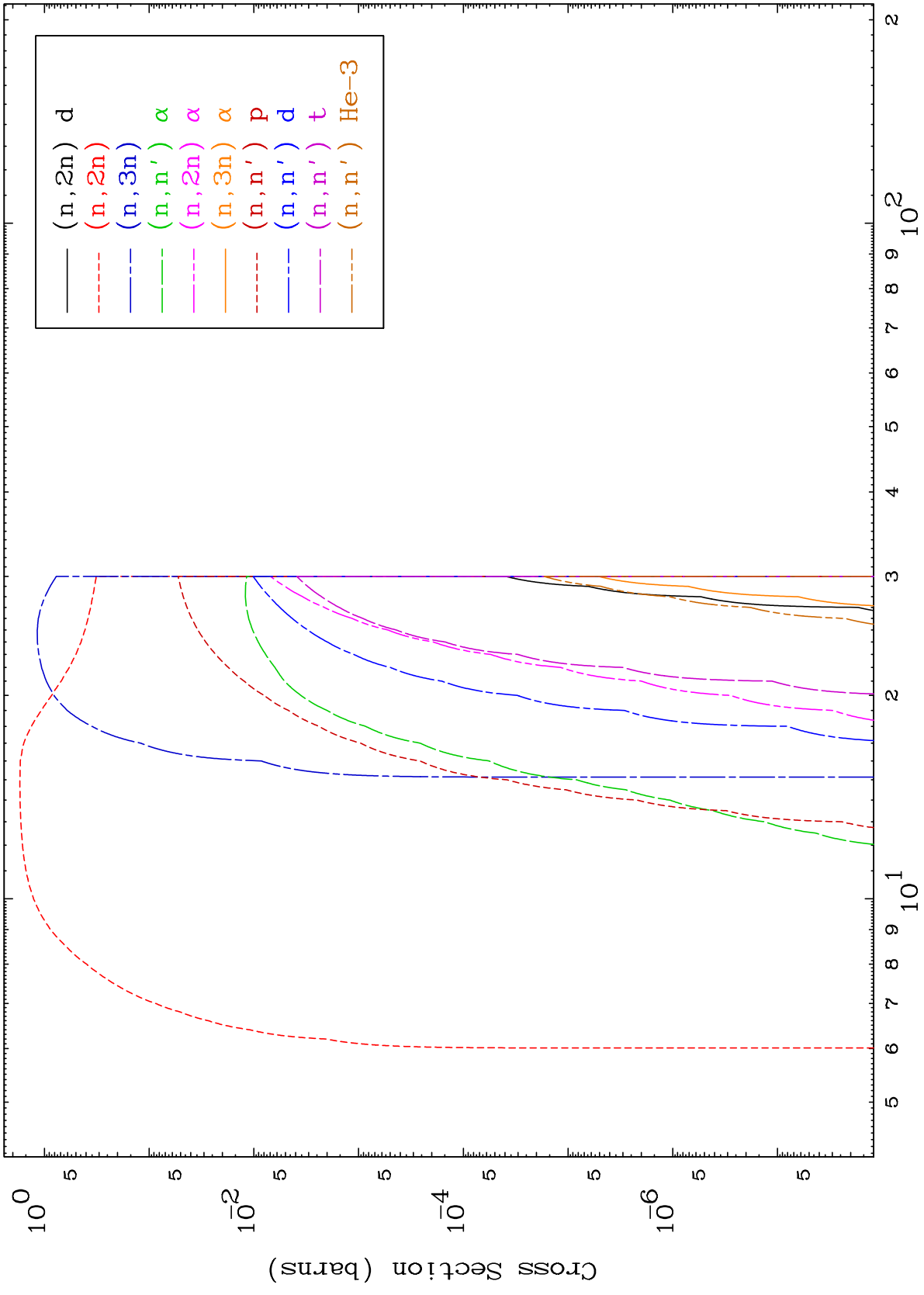
48-Cd-115m



MAT 4853

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-115m



2

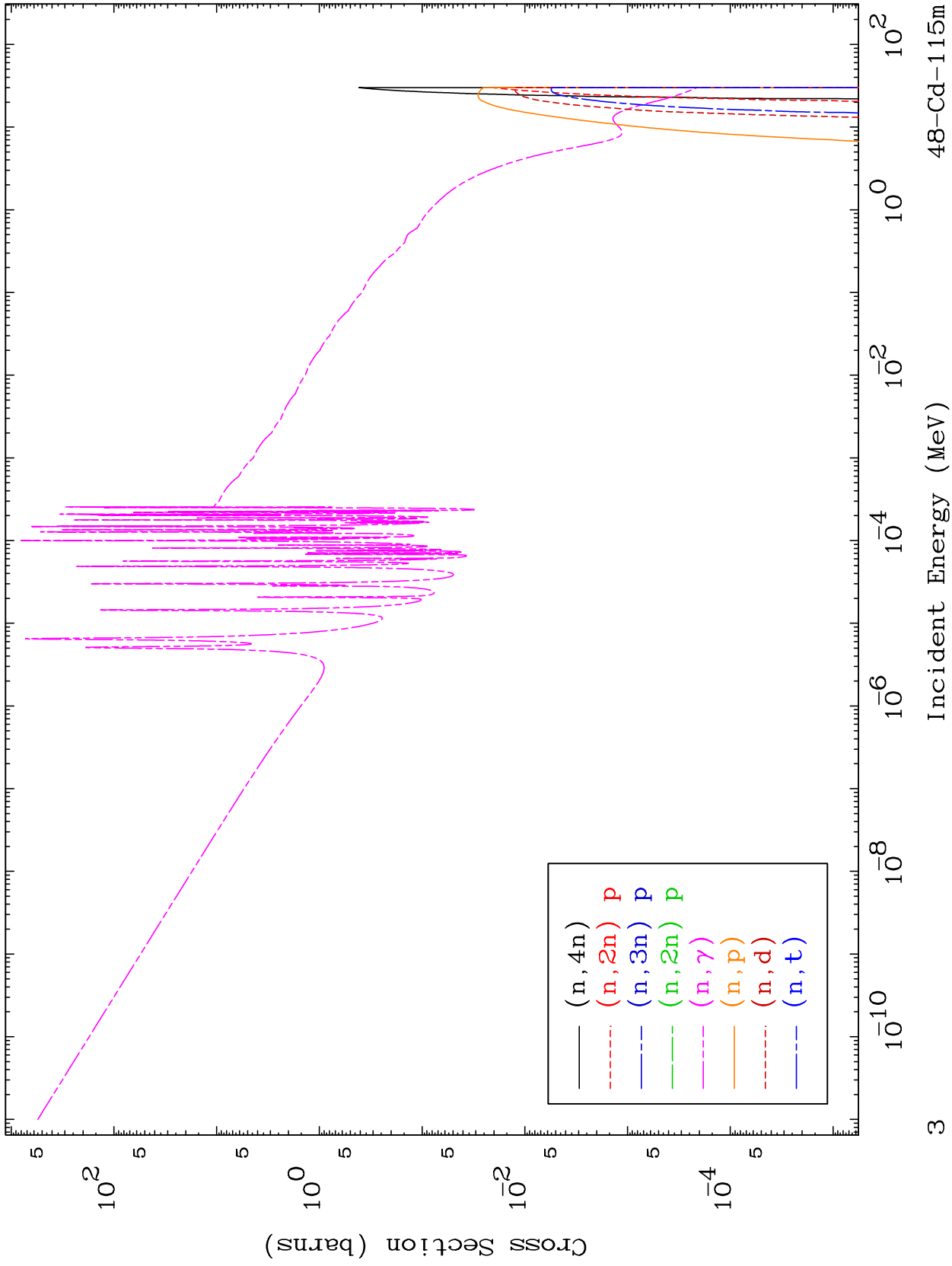
Incident Energy (MeV)

48-Cd-115m

MAT 4853

Neutron Absorption
293 Kelvin Cross Sections

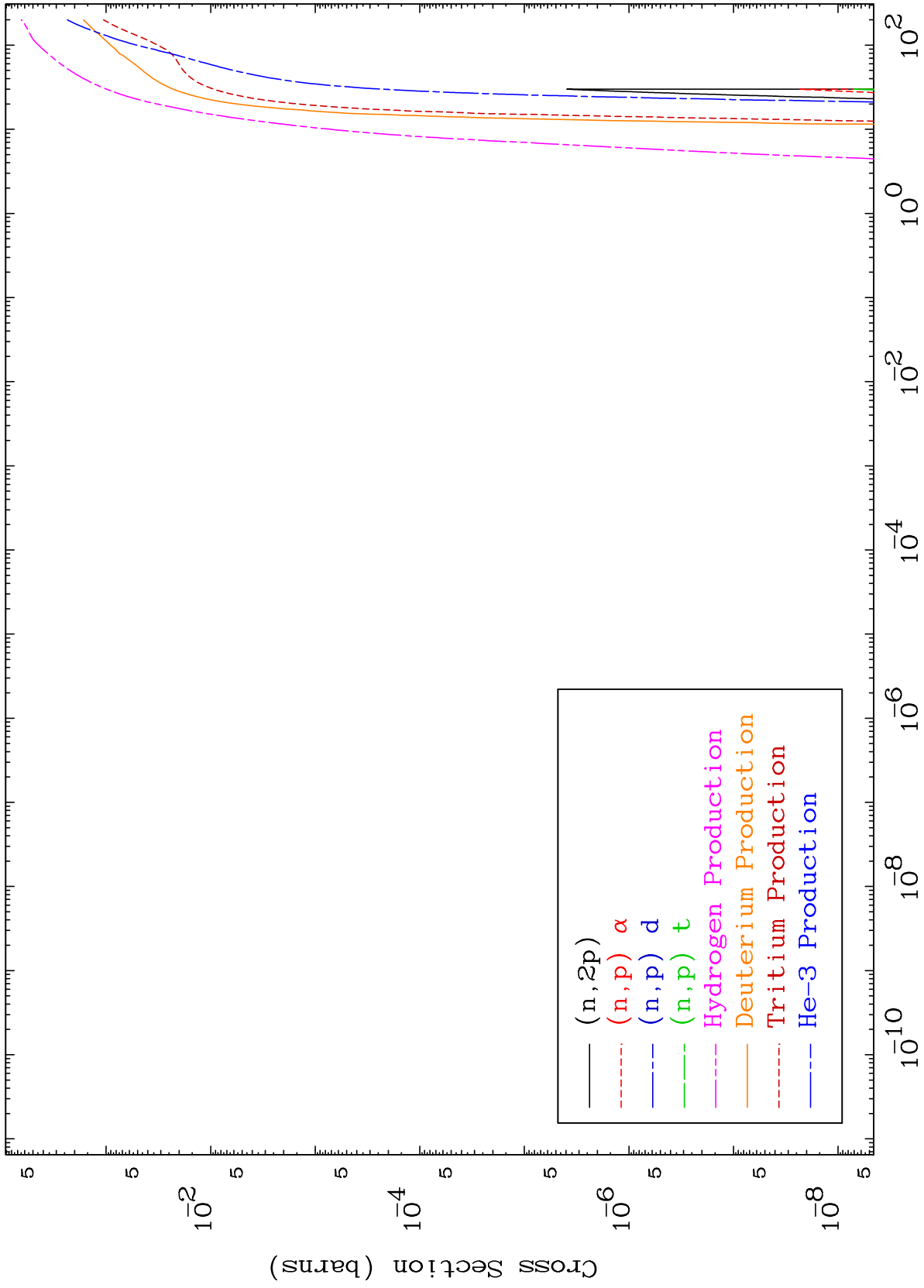
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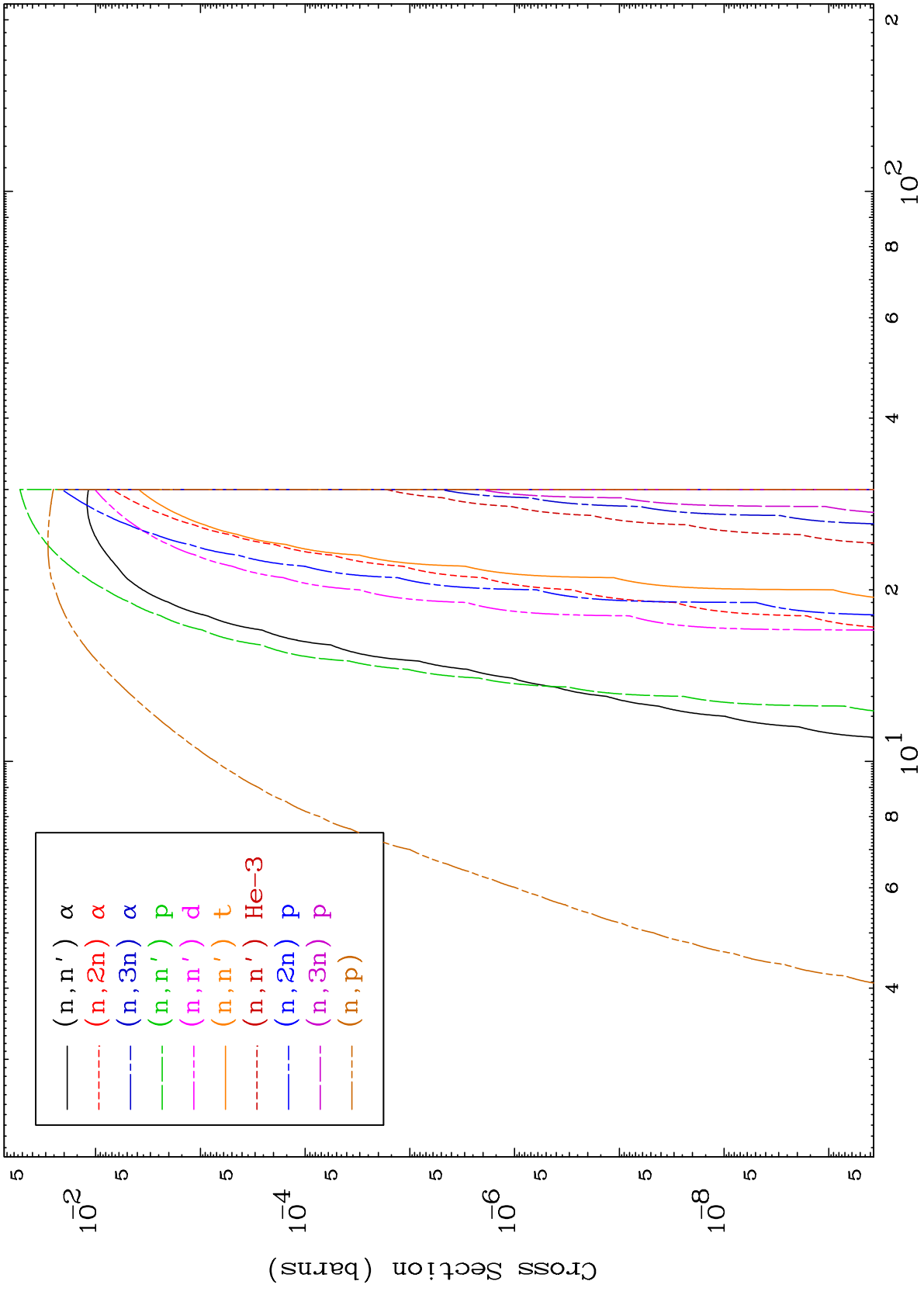


MAT 4853

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-115m

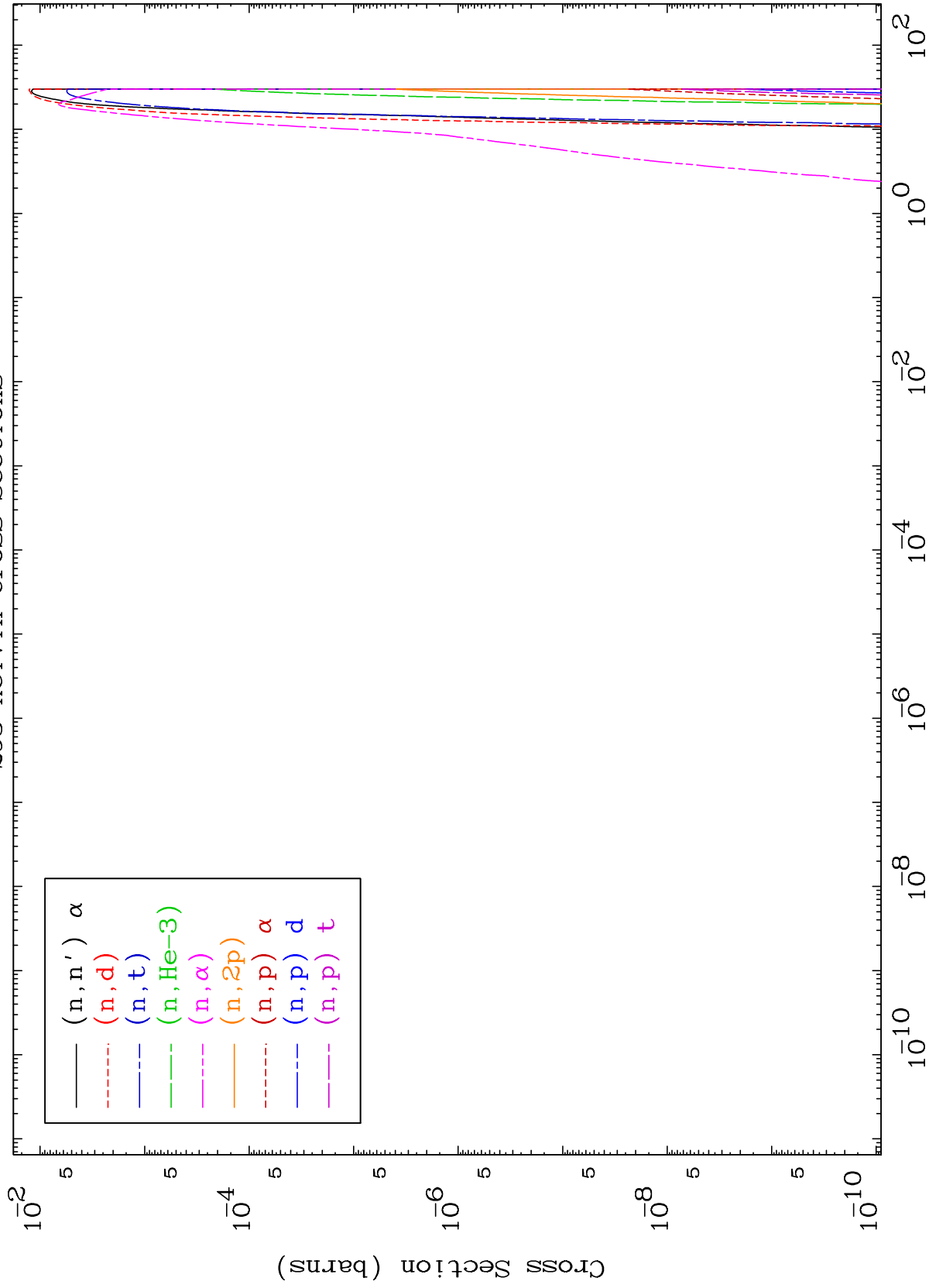




MAT 4853

Charged Particle
293 Kelvin Cross Sections

48-Cd-115m



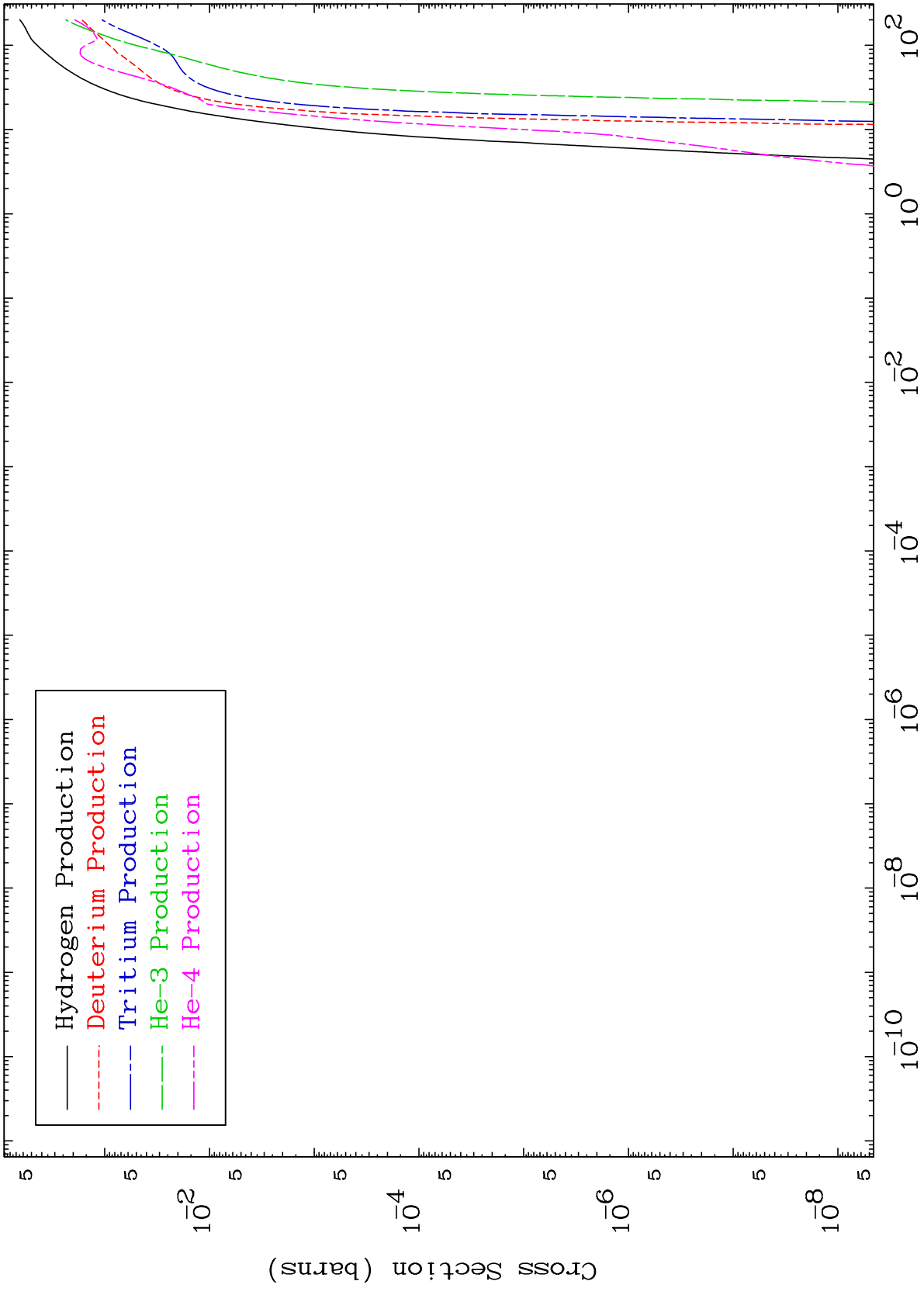
6

48-Cd-115m

MAT 4853

Particle Production
293 Kelvin Cross Sections

48-Cd-115m

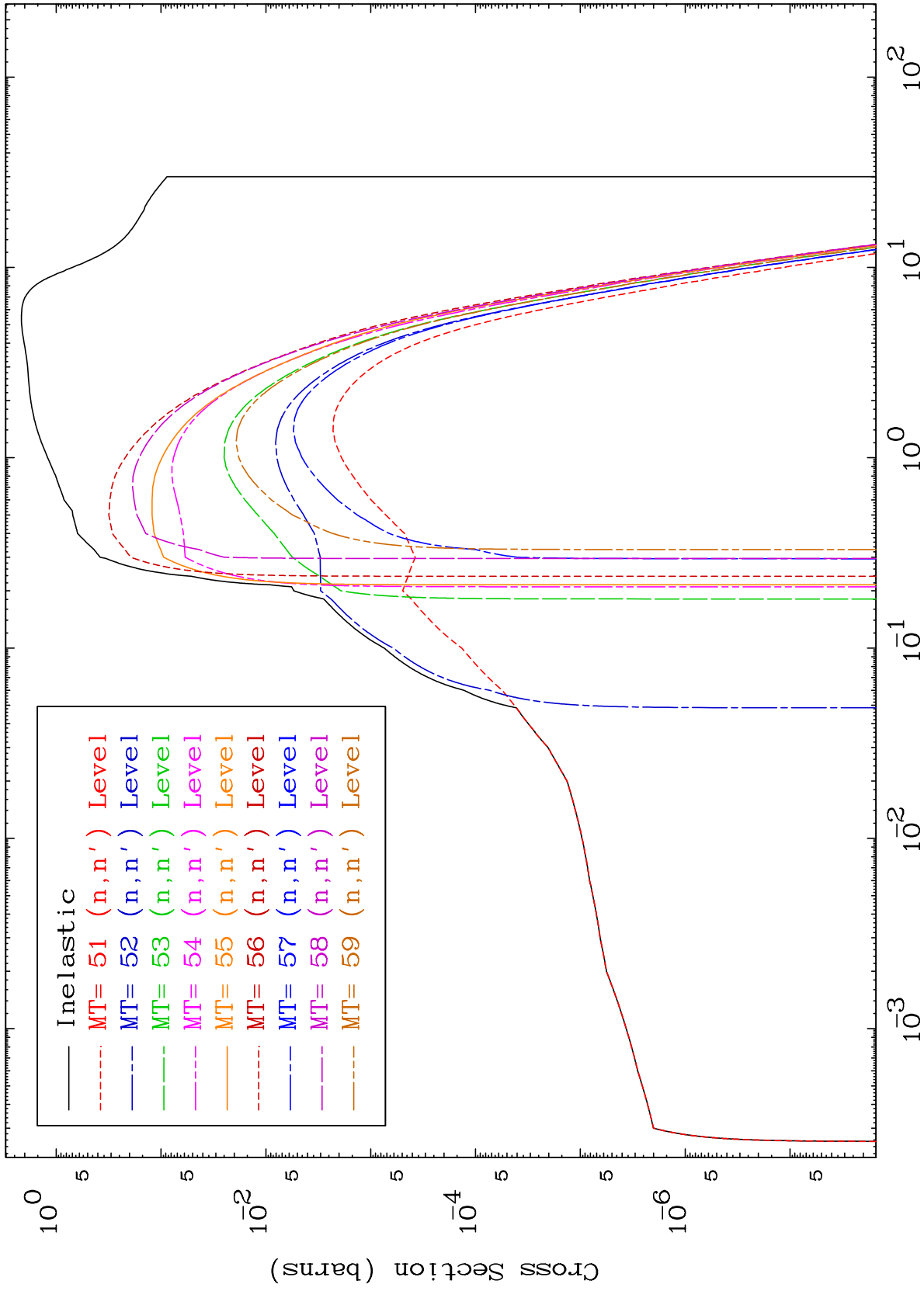


48-Cd-115m

MAT 4853

(n,n') Levels
293 Kelvin Cross Sections

48-Cd-115m

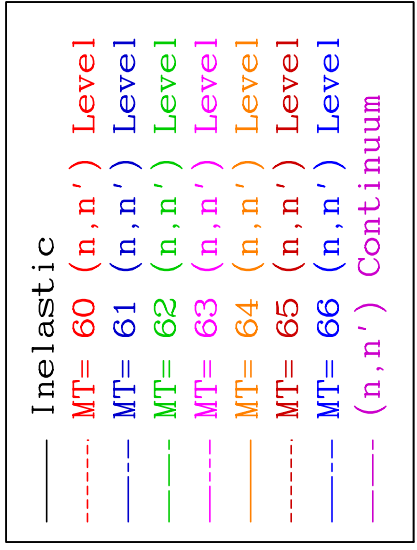
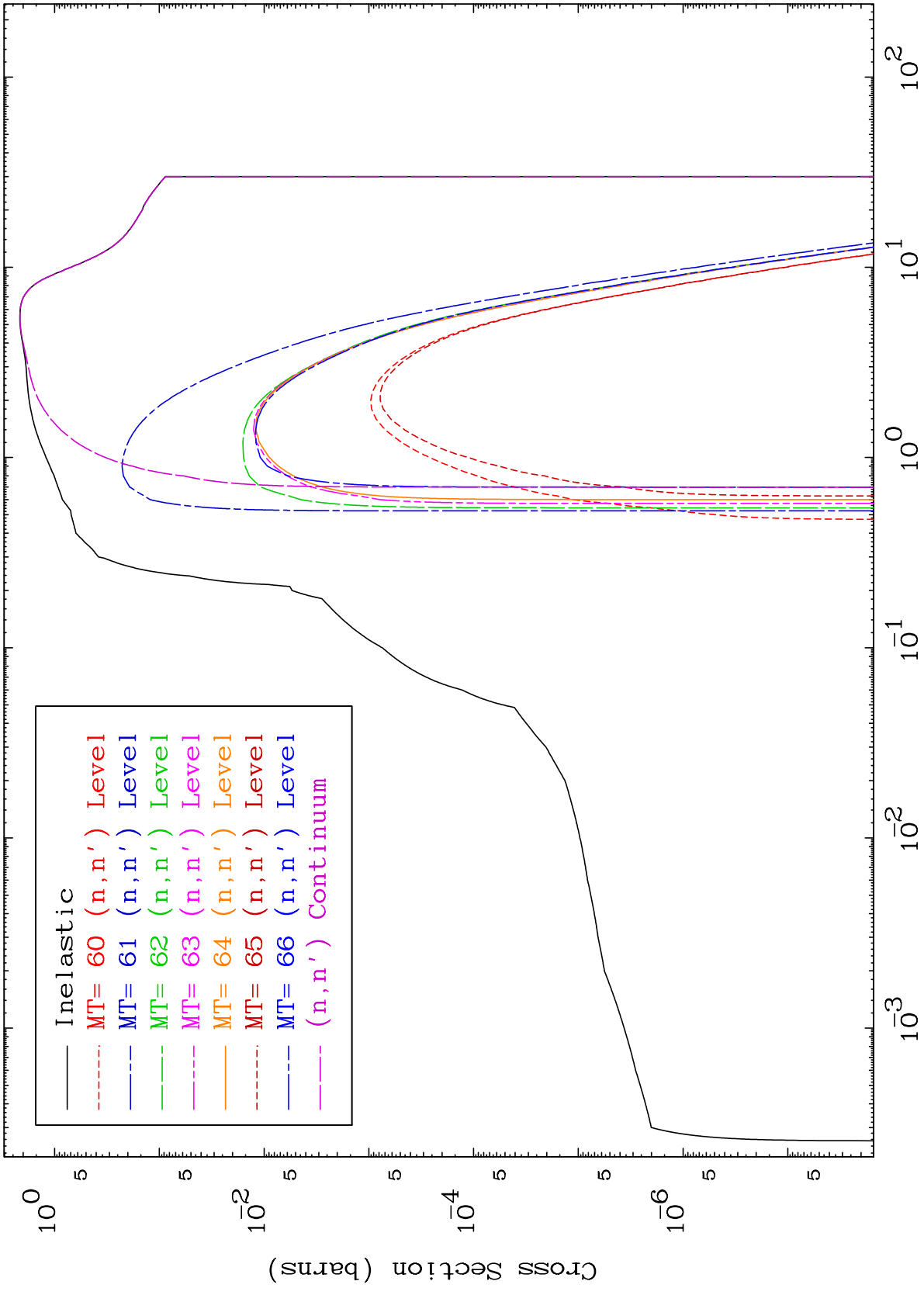


48-Cd-115m

MAT 4853

293 Kelvin Cross Sections

48-Cd-115m

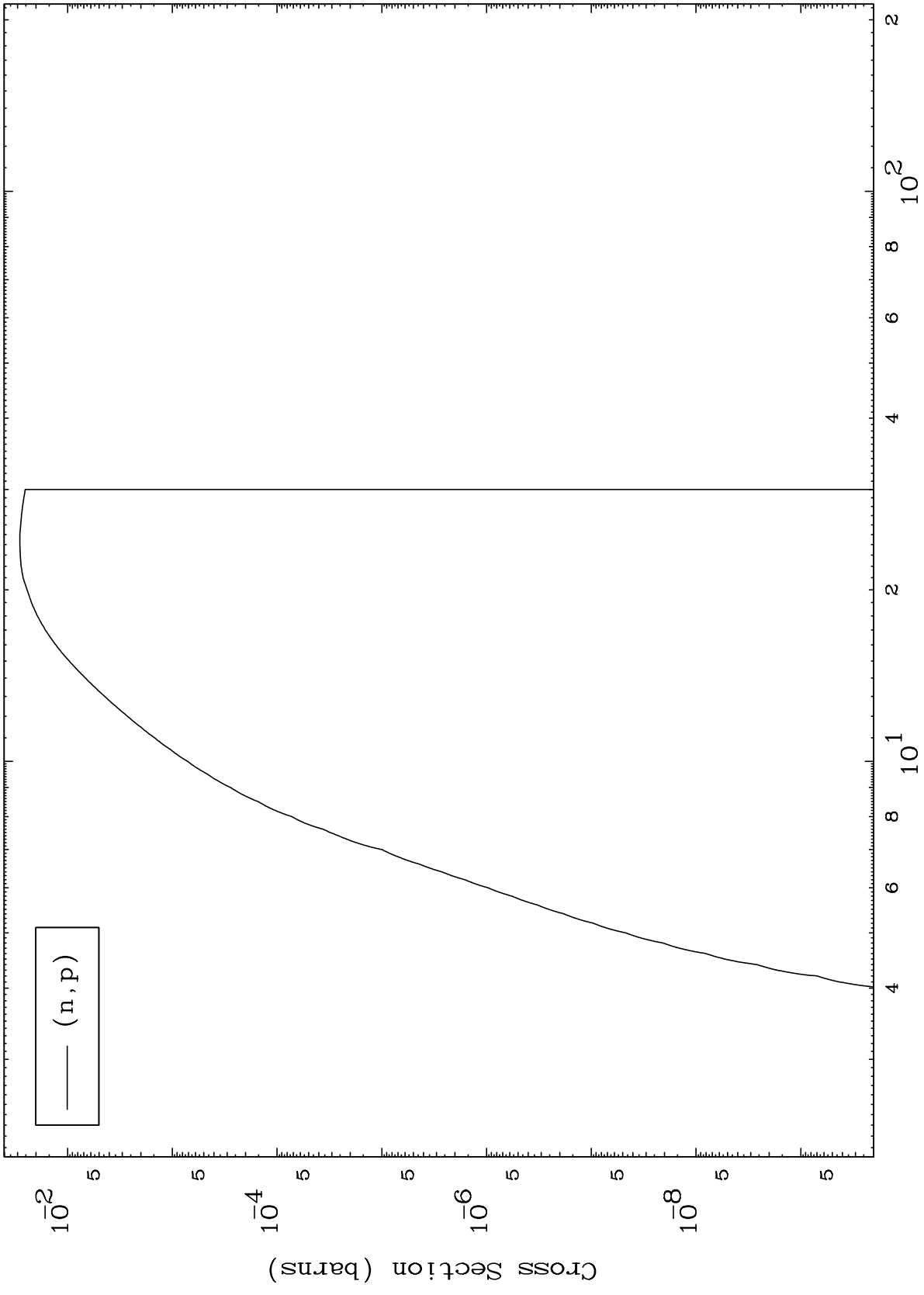


48-Cd-115m

MAT 4853

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-115m



10

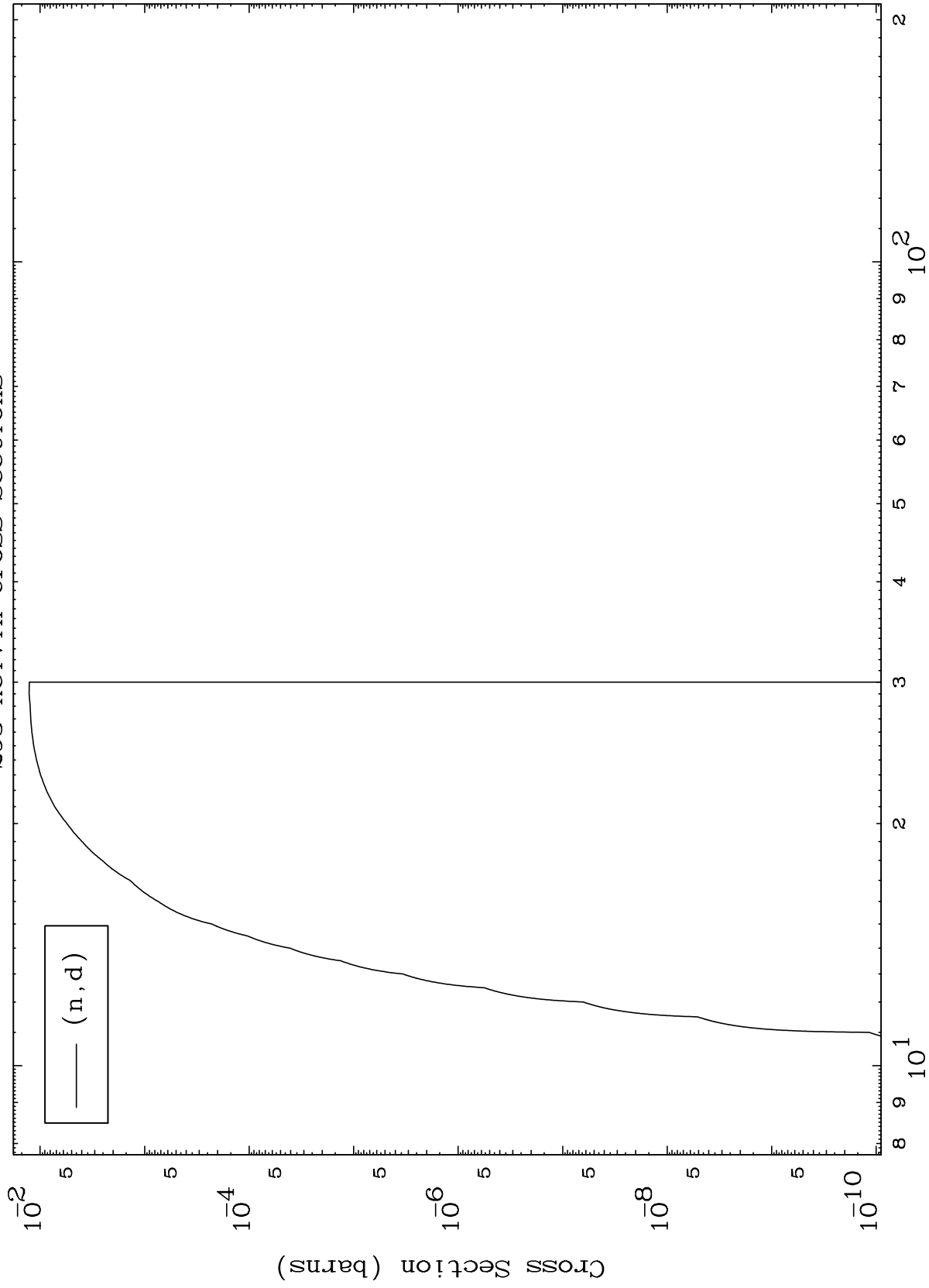
Incident Energy (MeV)

48-Cd-115m

MAT 4853

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-115m



11

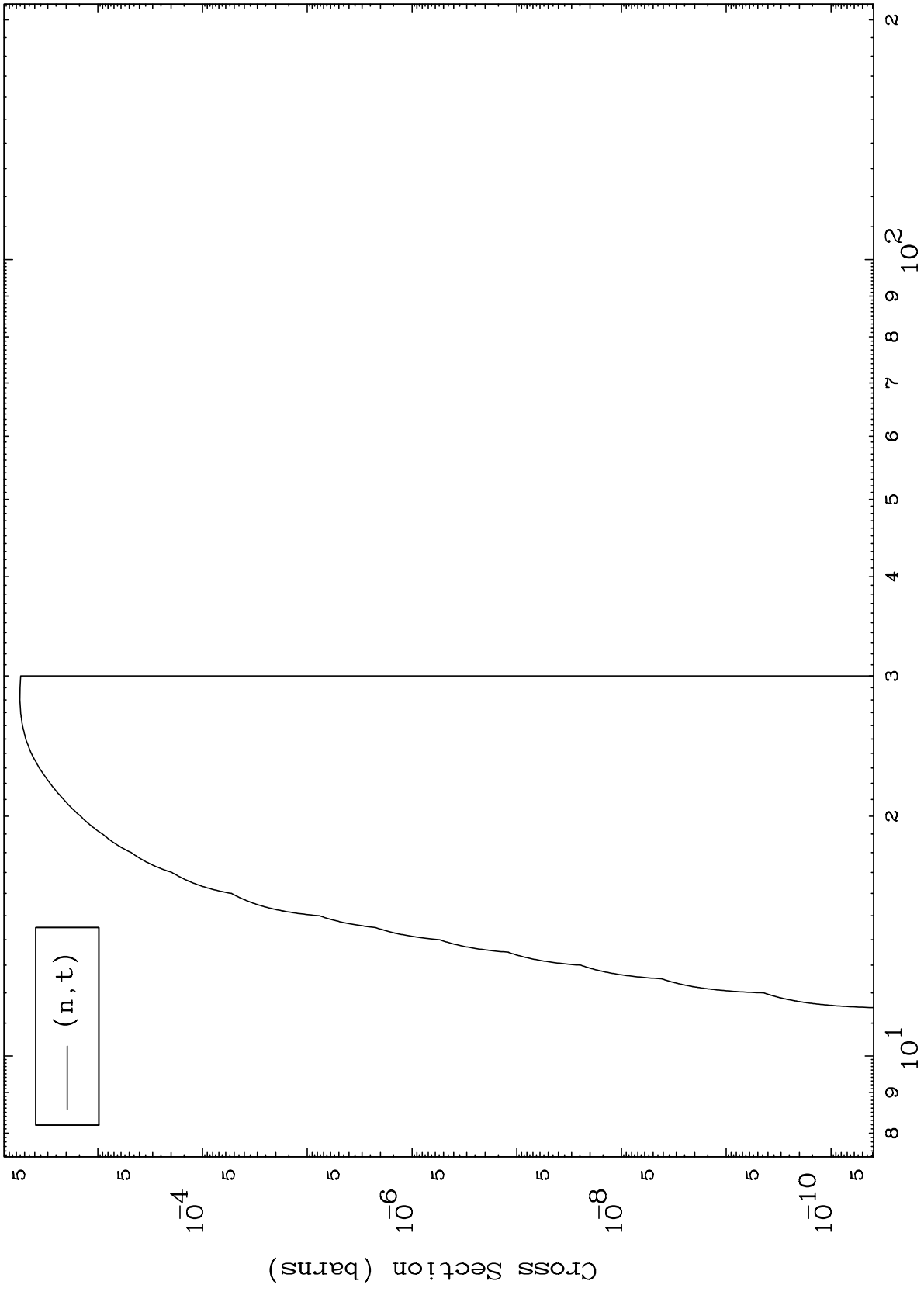
Incident Energy (MeV)

48-Cd-115m

MAT 4853

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-115m



12

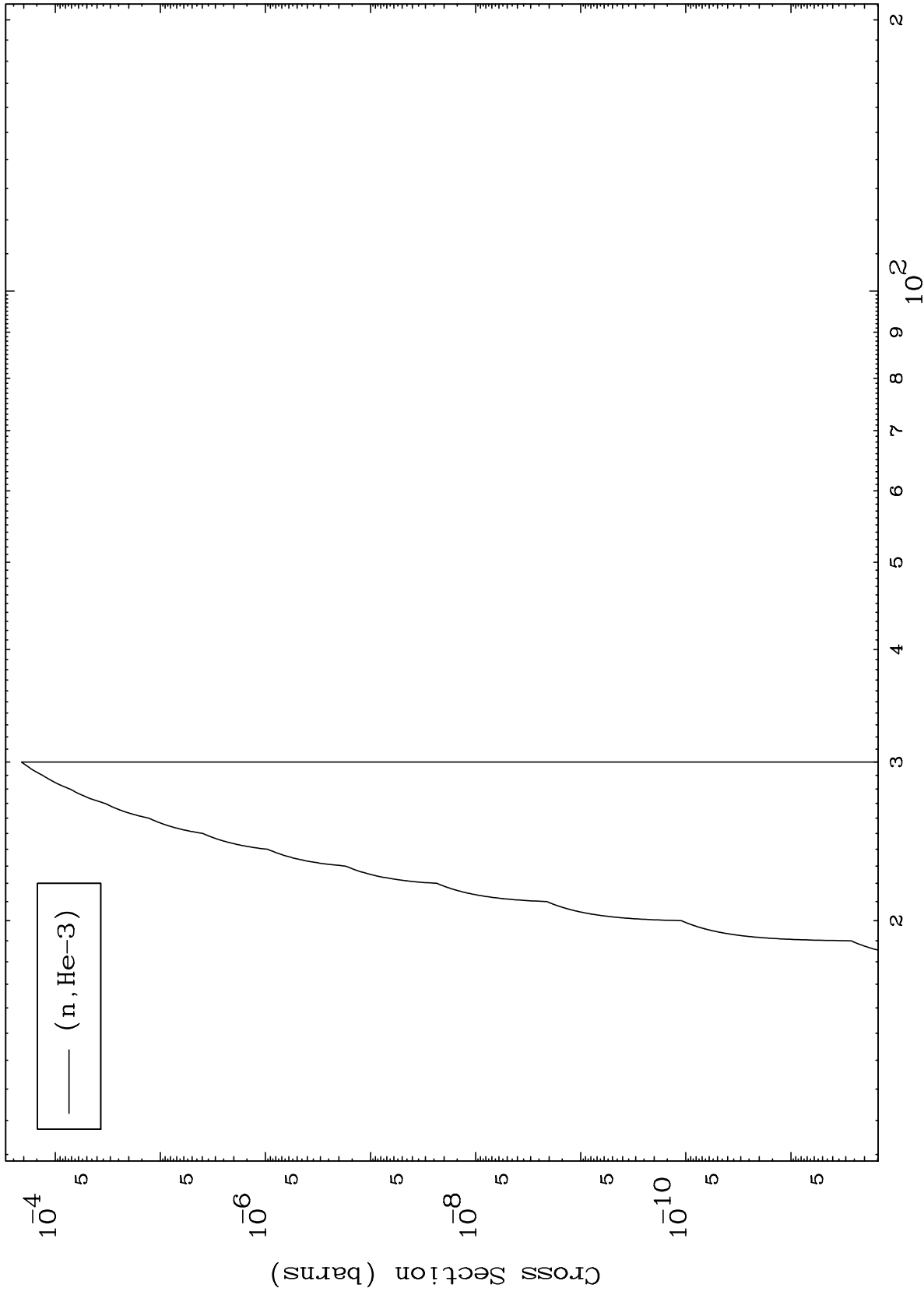
Incident Energy (MeV)

48-Cd-115m

MAT 4853

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-115m



13

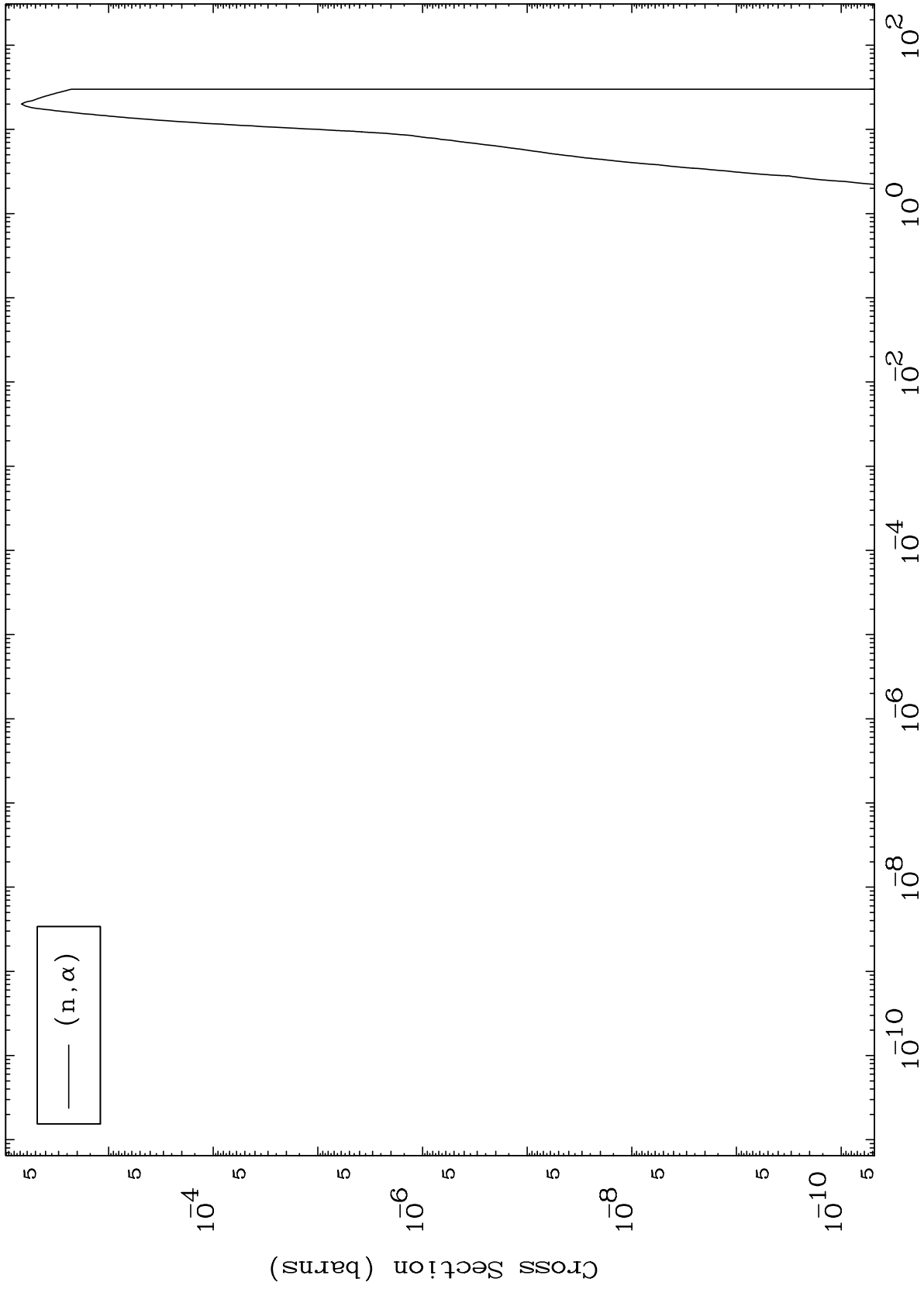
Incident Energy (MeV)

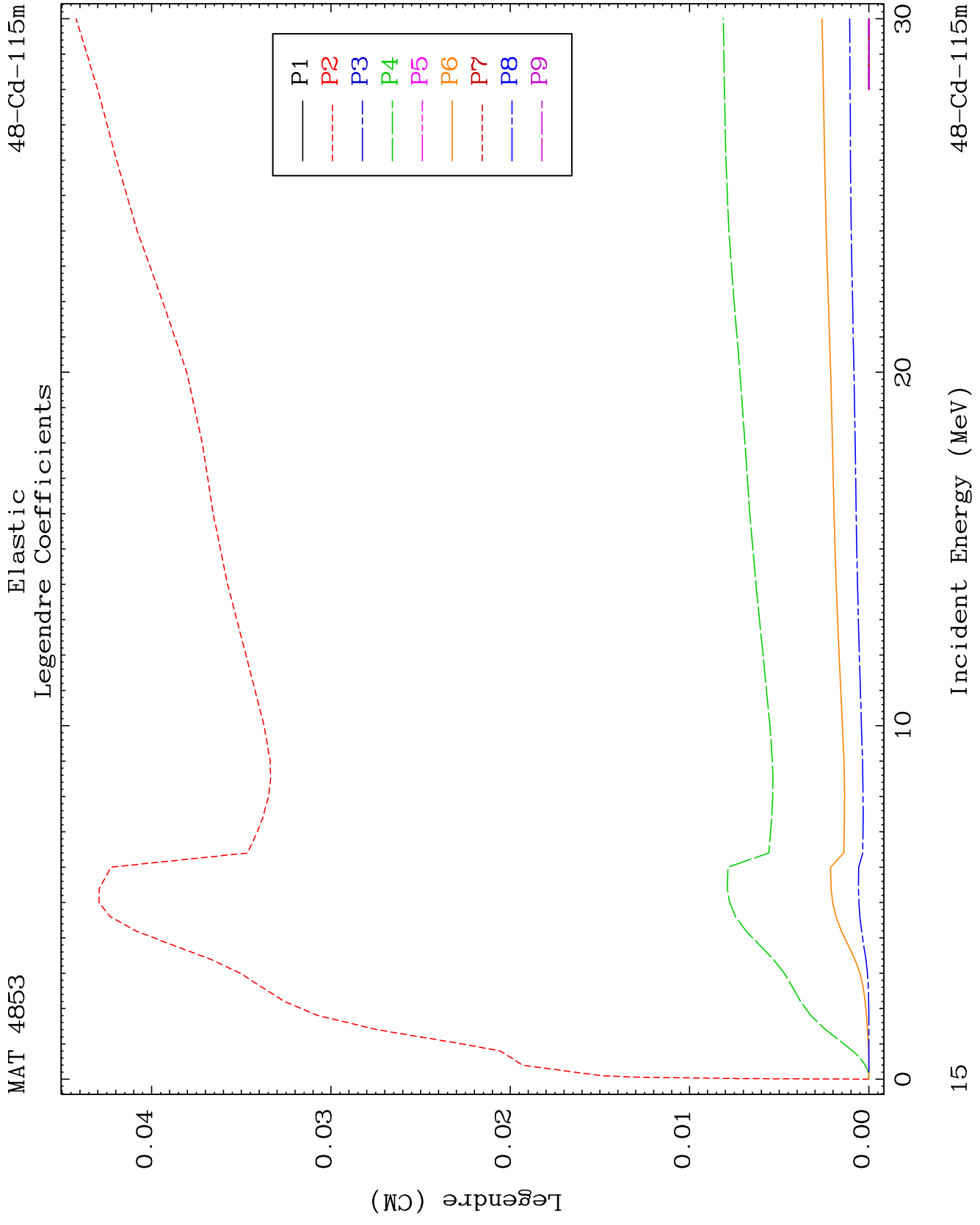
48-Cd-115m

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(n,α) Levels
293 Kelvin Cross Sections

48-Cd-115m

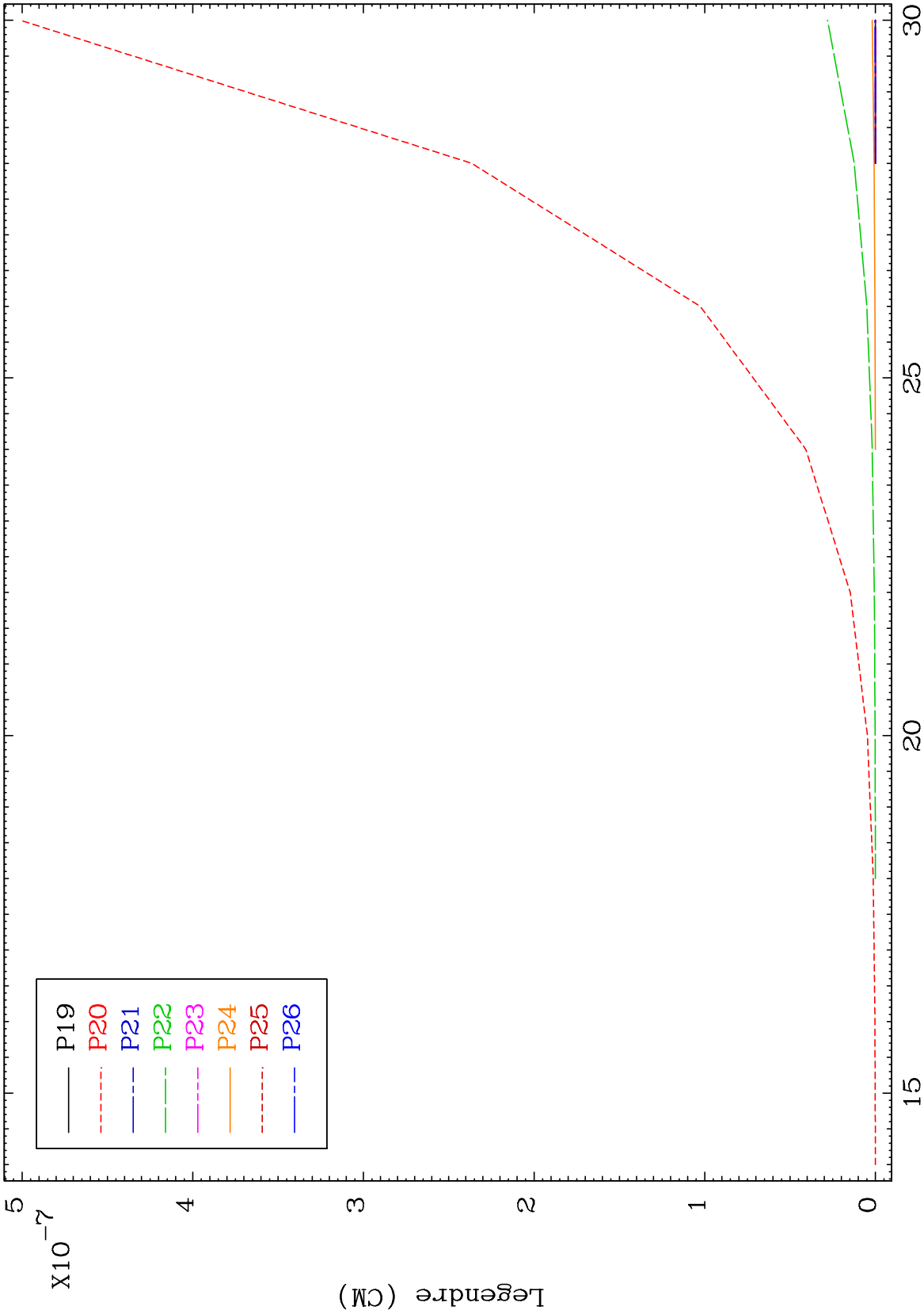




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Elastic Legendre Coefficients

48-Cd-115m



17

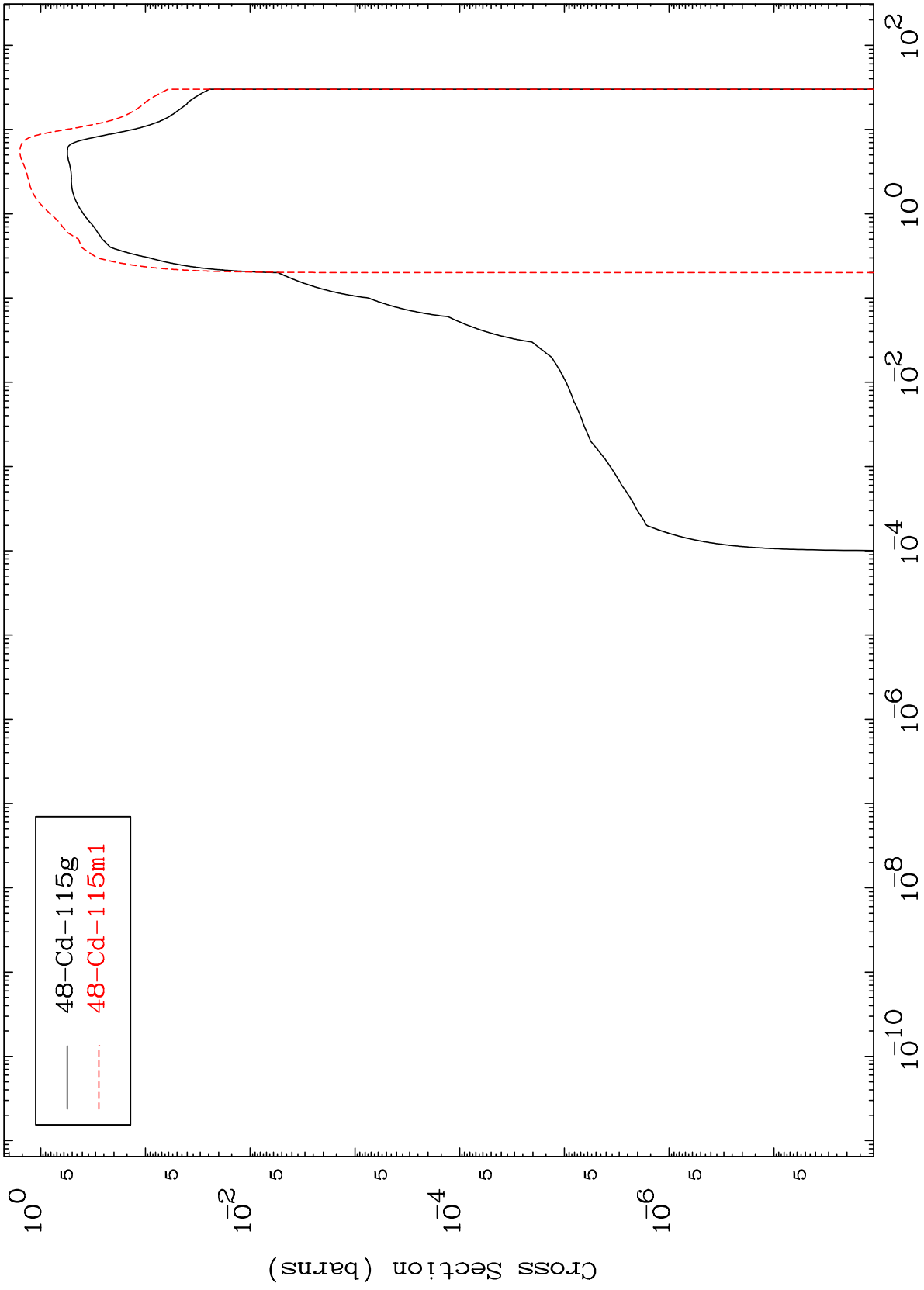
Incident Energy (MeV)

48-Cd-115m

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Inelastic
Radionuclide Production Cross Section

48-Cd-115m

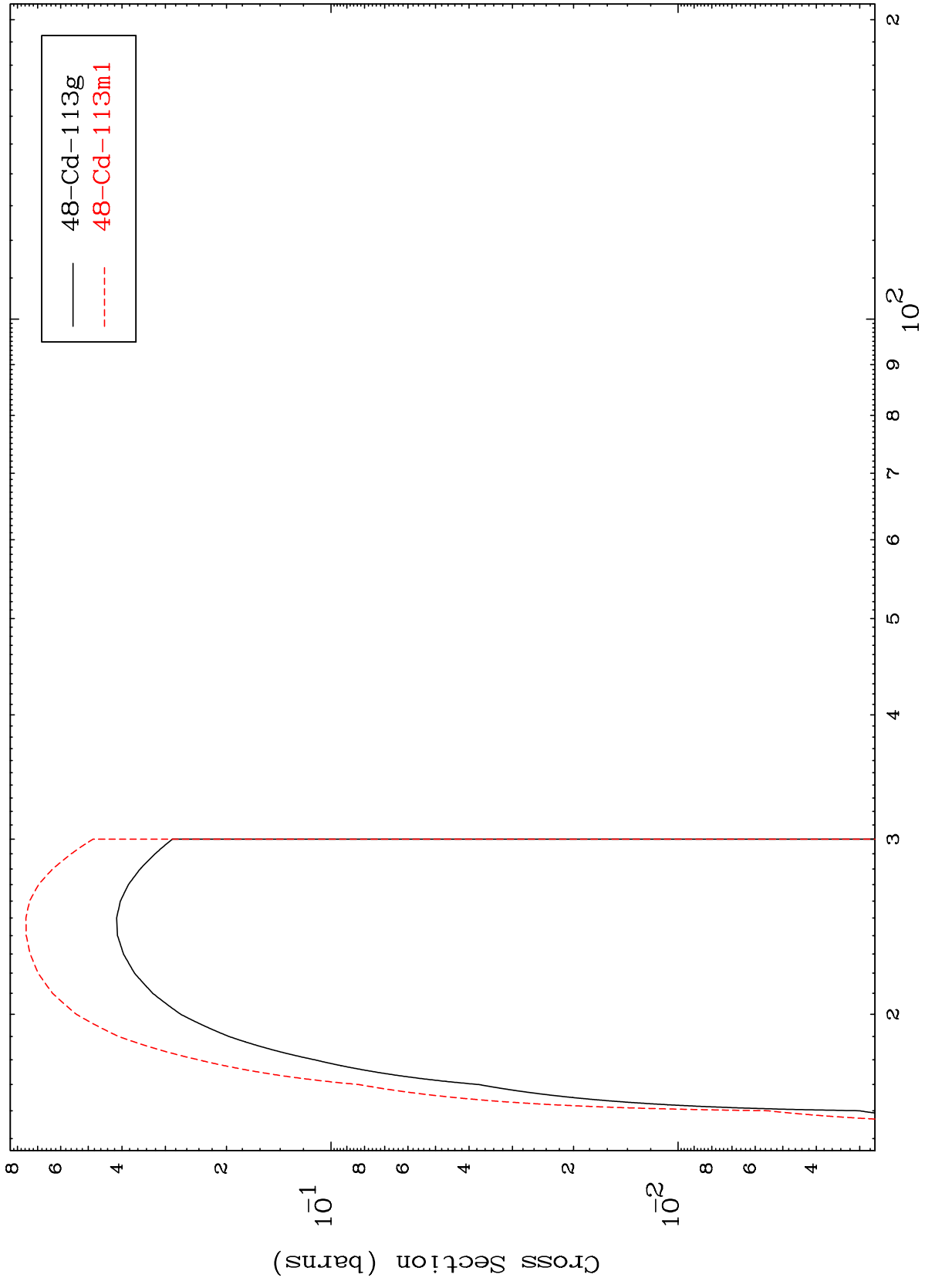


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(n,3n)

48-Cd-115m

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

19

Incident Energy (MeV)

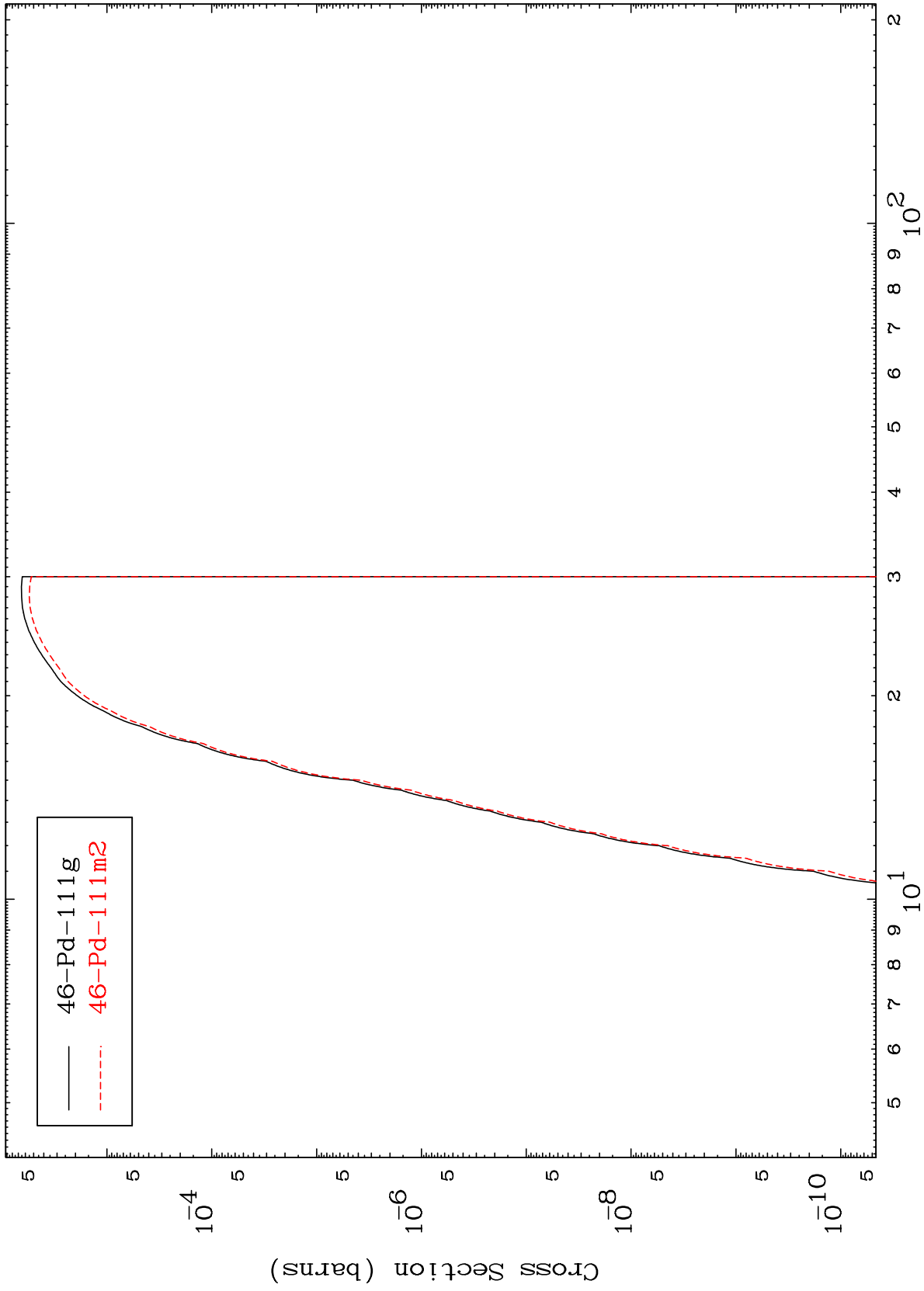
48-Cd-115m

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(n,n') α

48-Cd-115m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

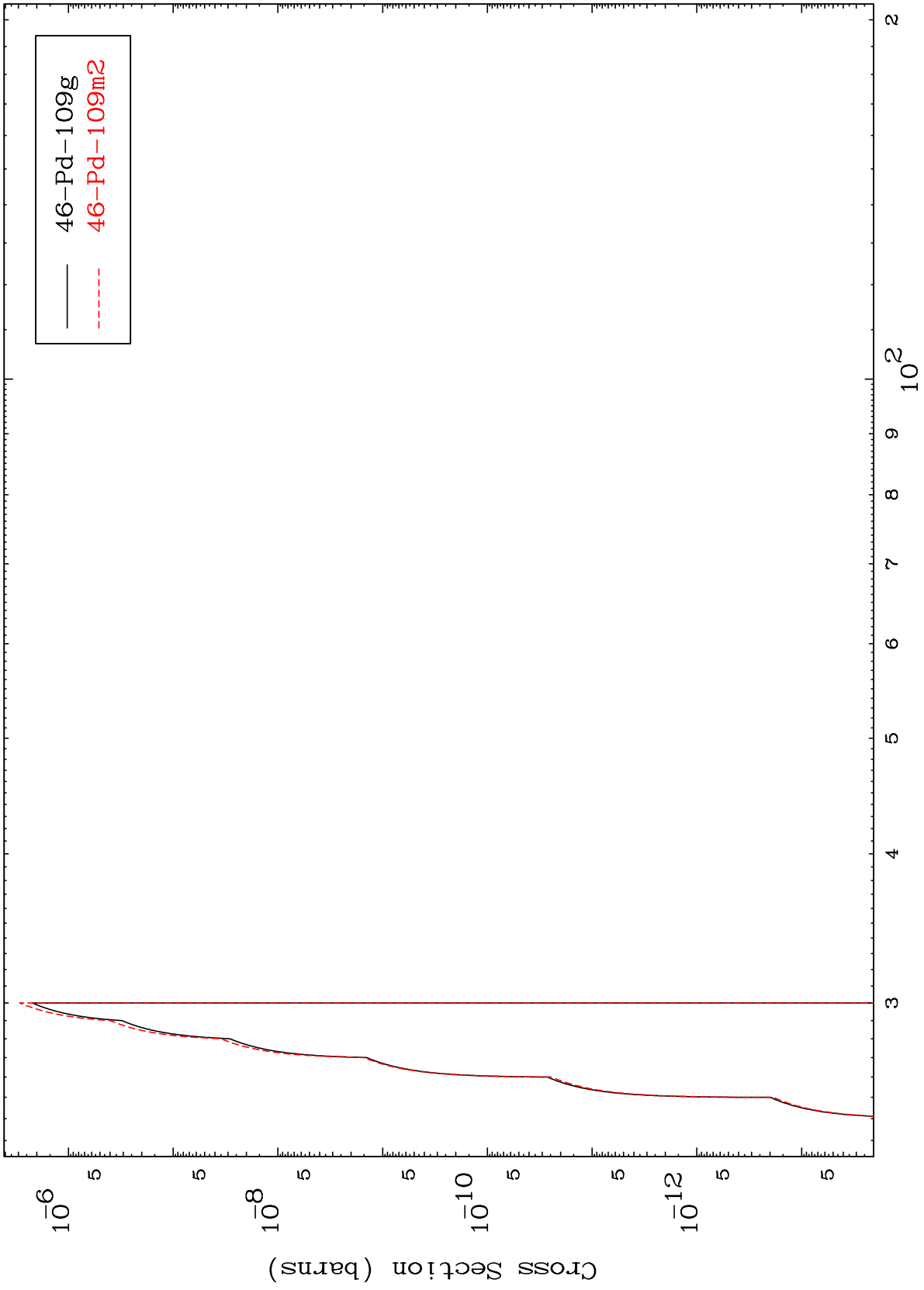
48-Cd-115m

MAT 4853

(n,3n) α

48-Cd-115m

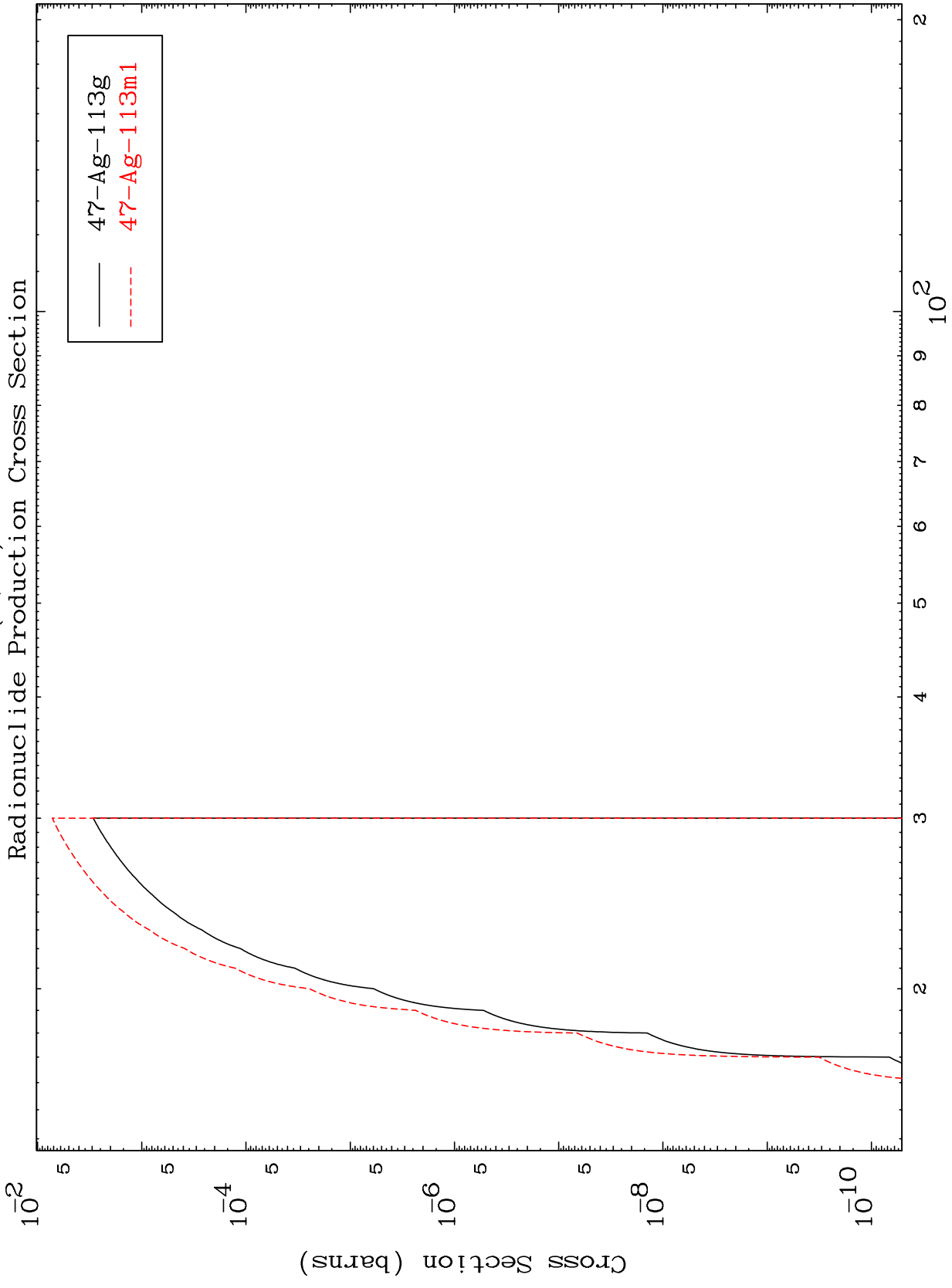
Radionuclide Production Cross Section



21

Incident Energy (MeV)

48-Cd-115m

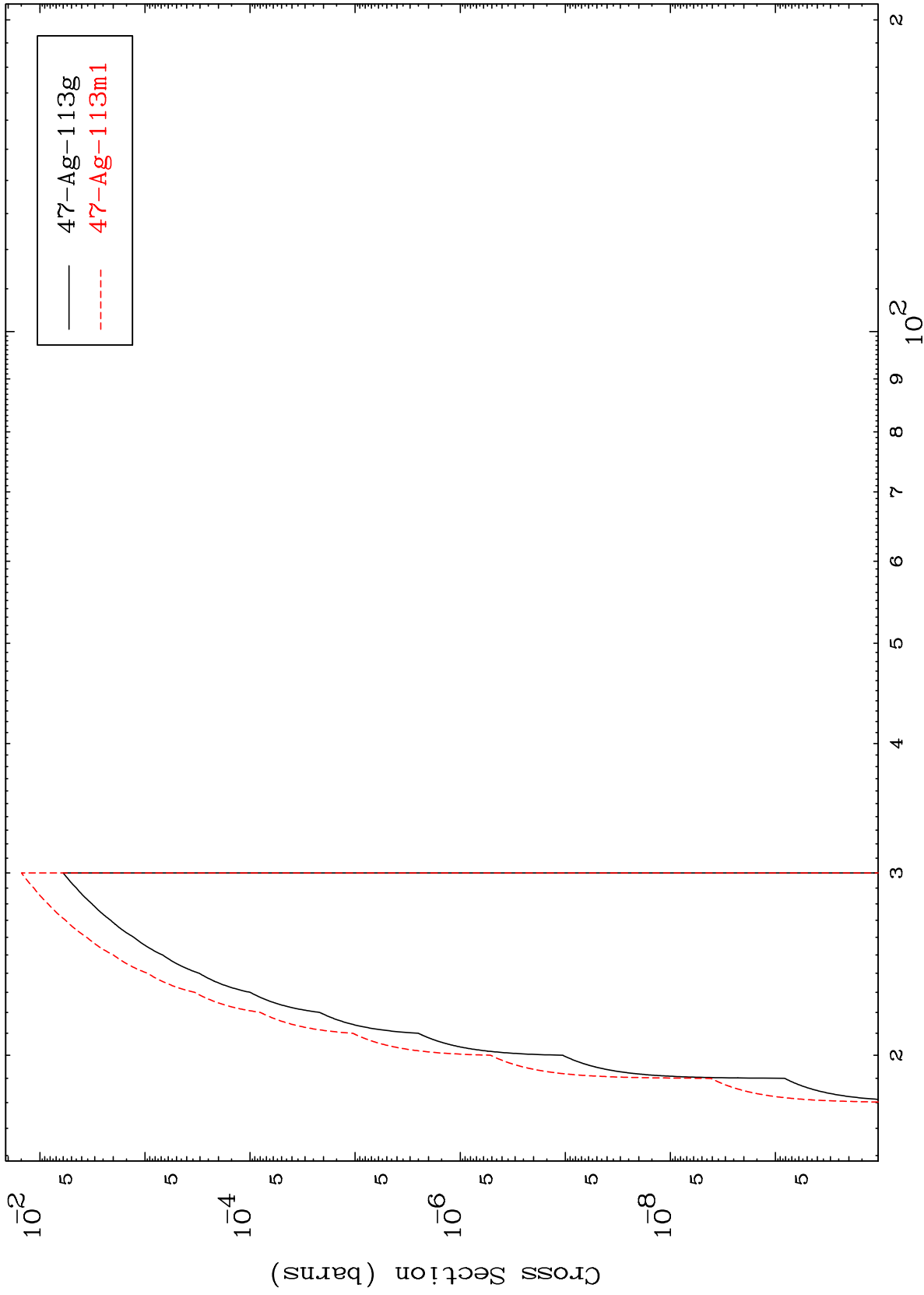


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(n,2n) p

48-Cd-115m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

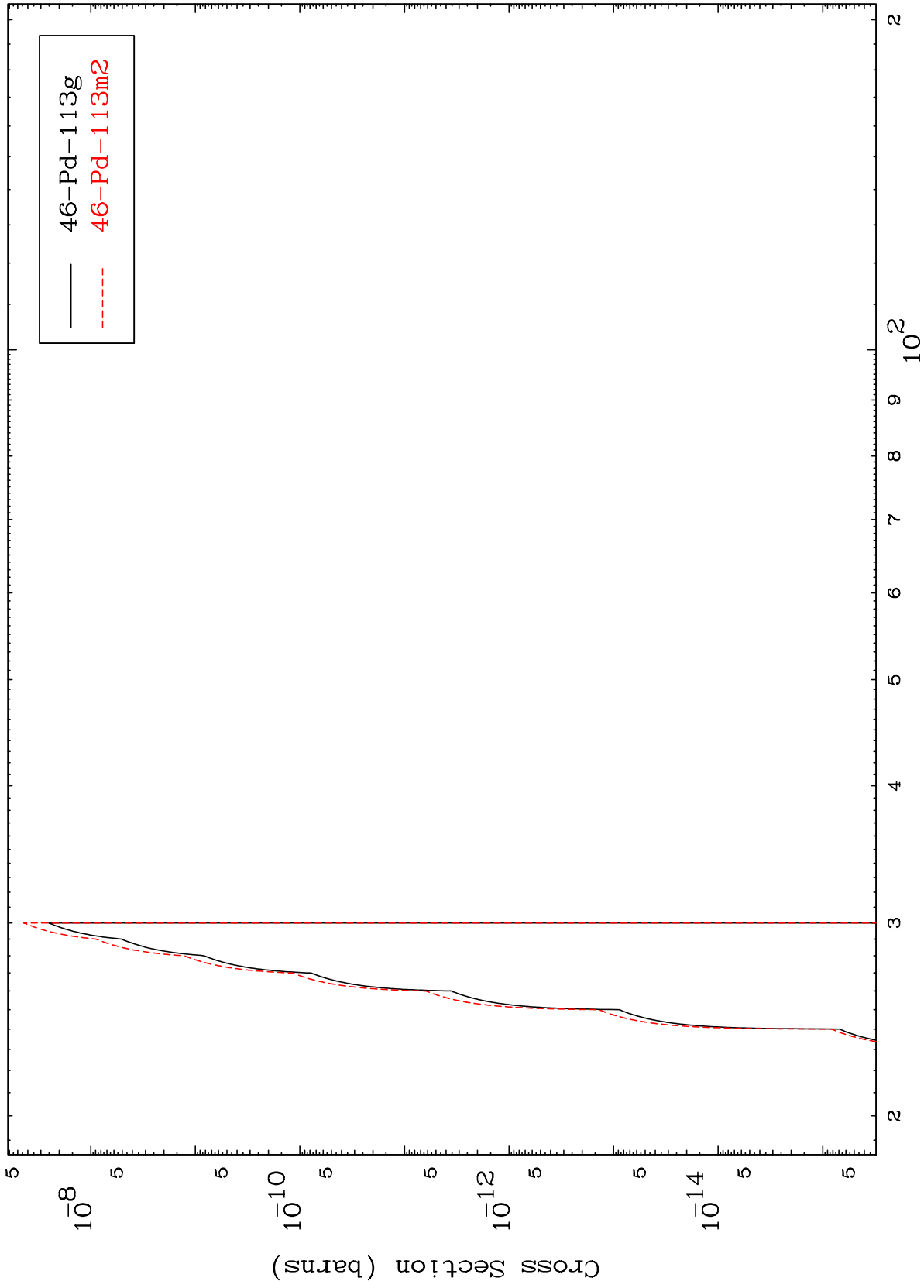
48-Cd-115m

MAT 4853

(n,2n) p

48-Cd-115m

Radionuclide Production Cross Section



24

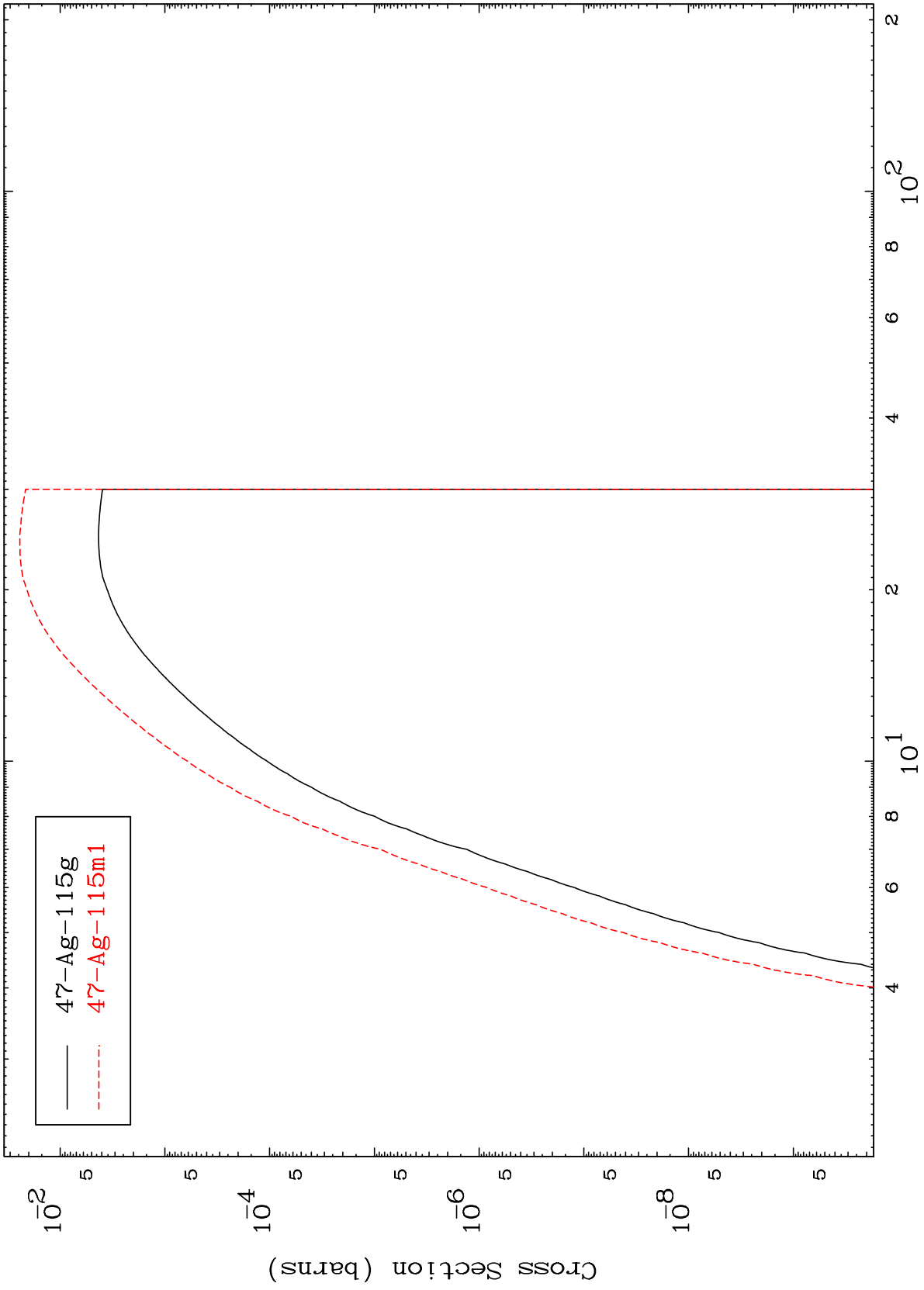
Incident Energy (MeV)

48-Cd-115m

MAT 4853

48-Cd-115m

(n,p)
Radionuclide Production Cross Section



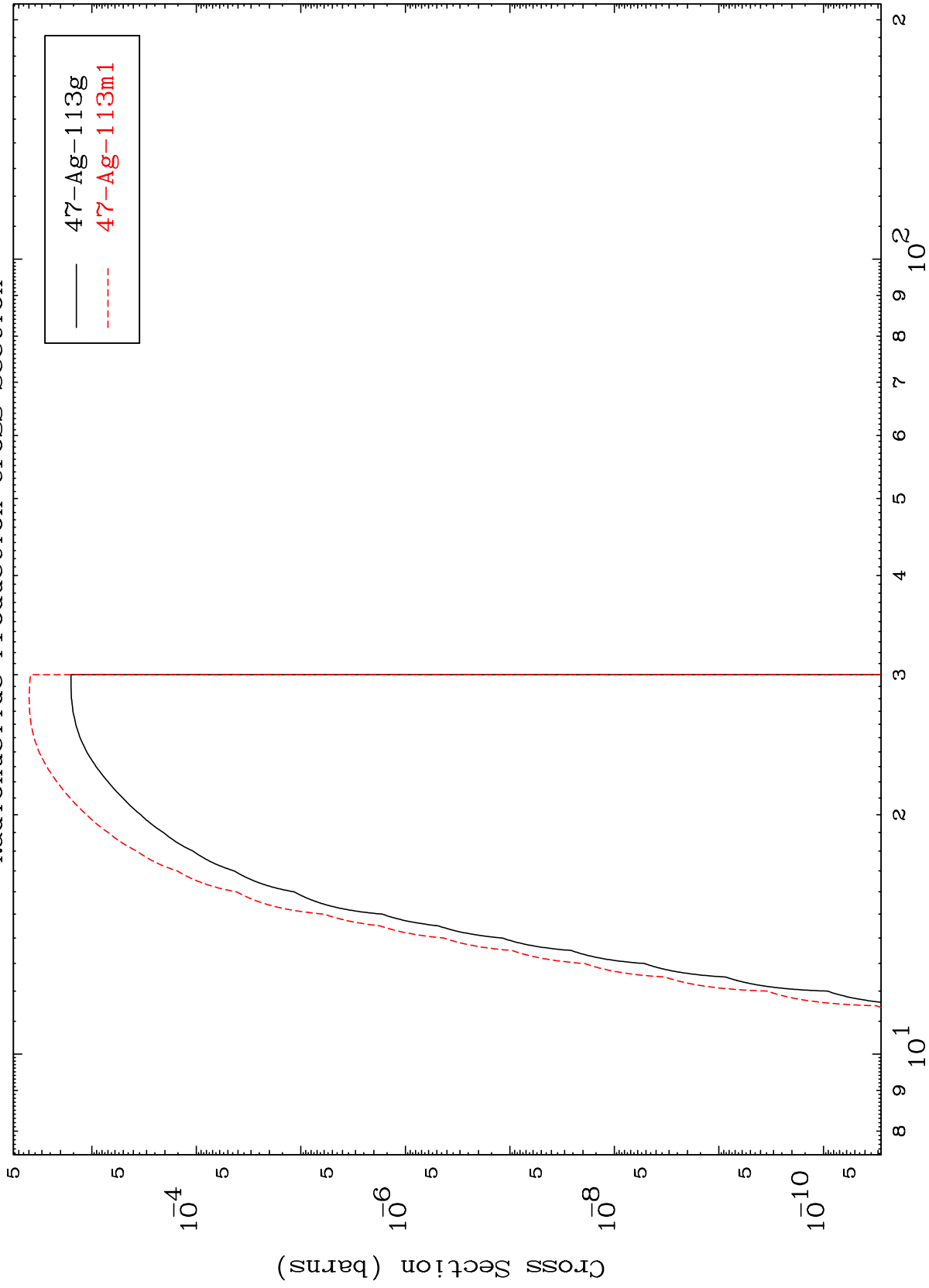
25

48-Cd-115m

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48-Cd-115m

(n, t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

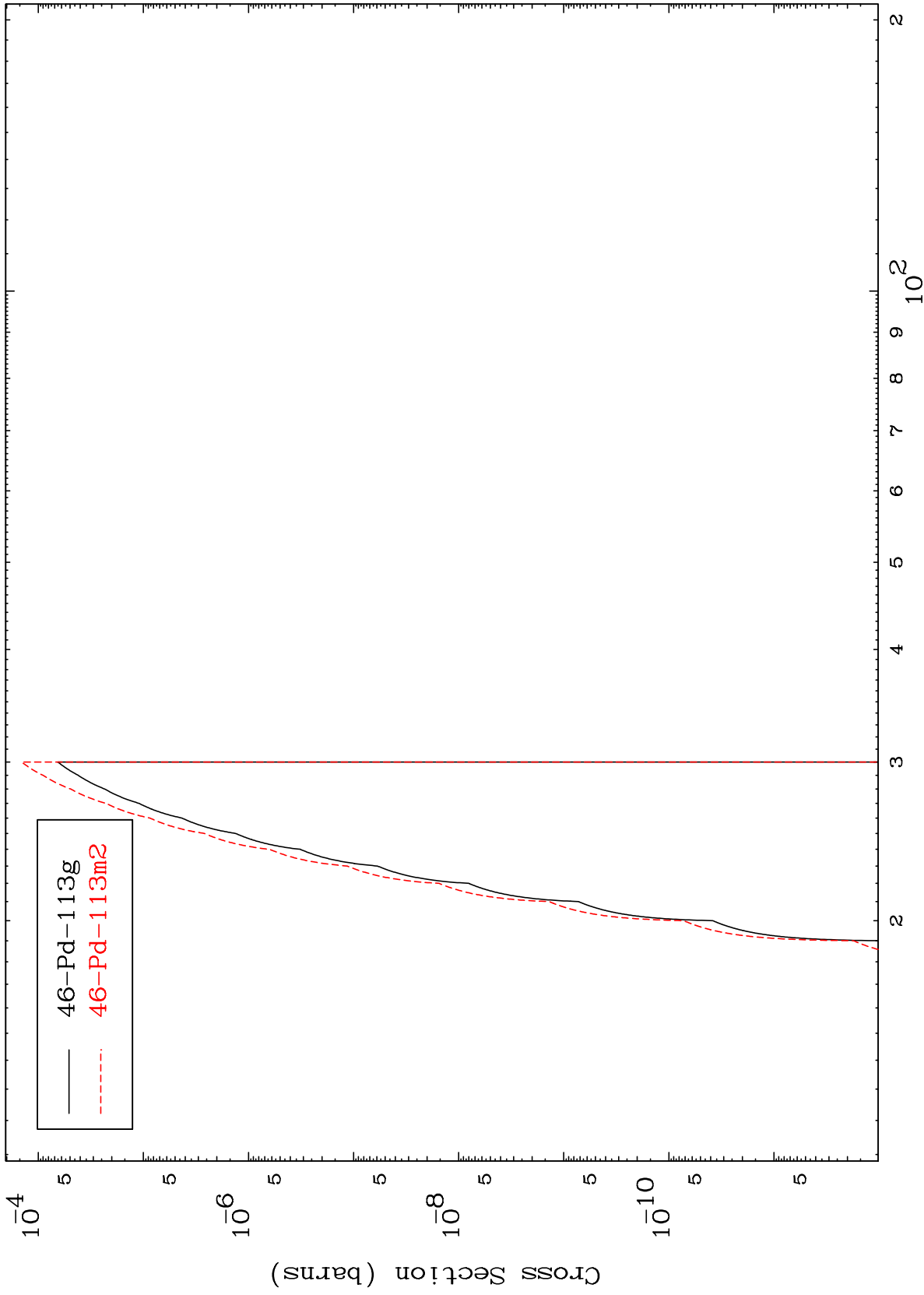
48-Cd-115m

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(n,He-3)

48-Cd-115m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

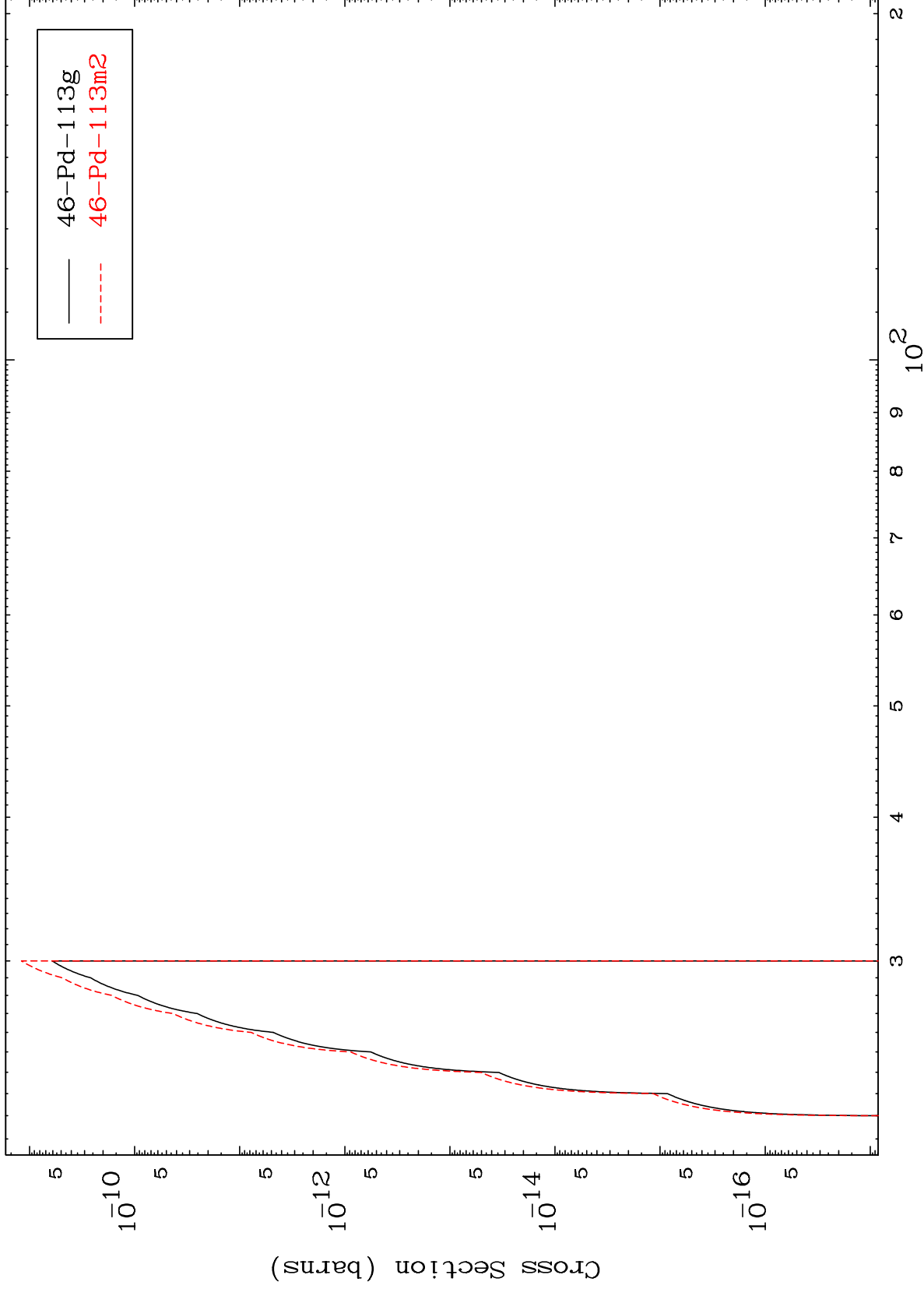
48-Cd-115m

MAT 4853

(n,p) d

48-Cd-115m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

48-Cd-115m