

Program EVALPLOT  
(Version 2018-1)

by

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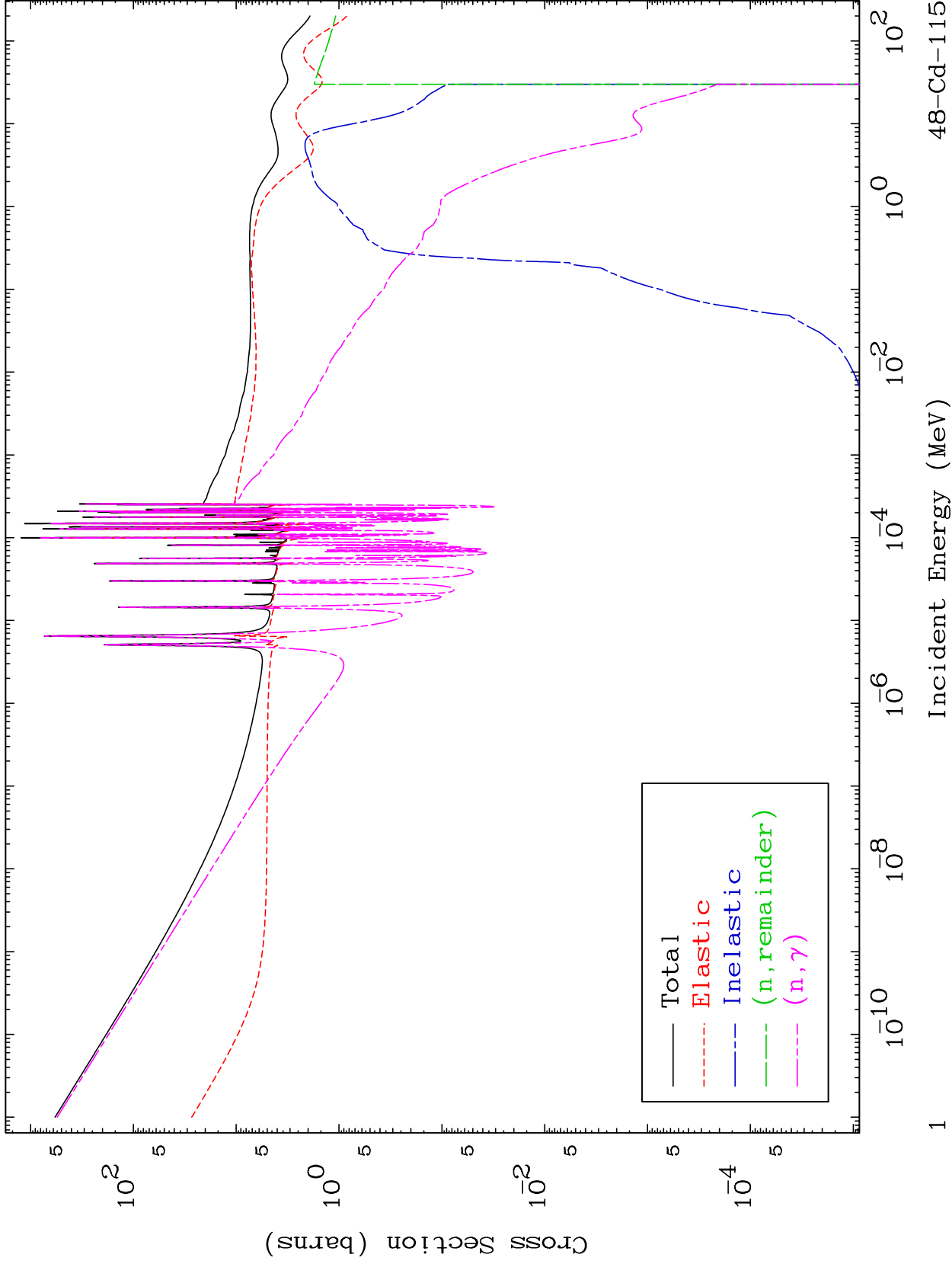
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4853

Major  
293 Kelvin Cross Sections

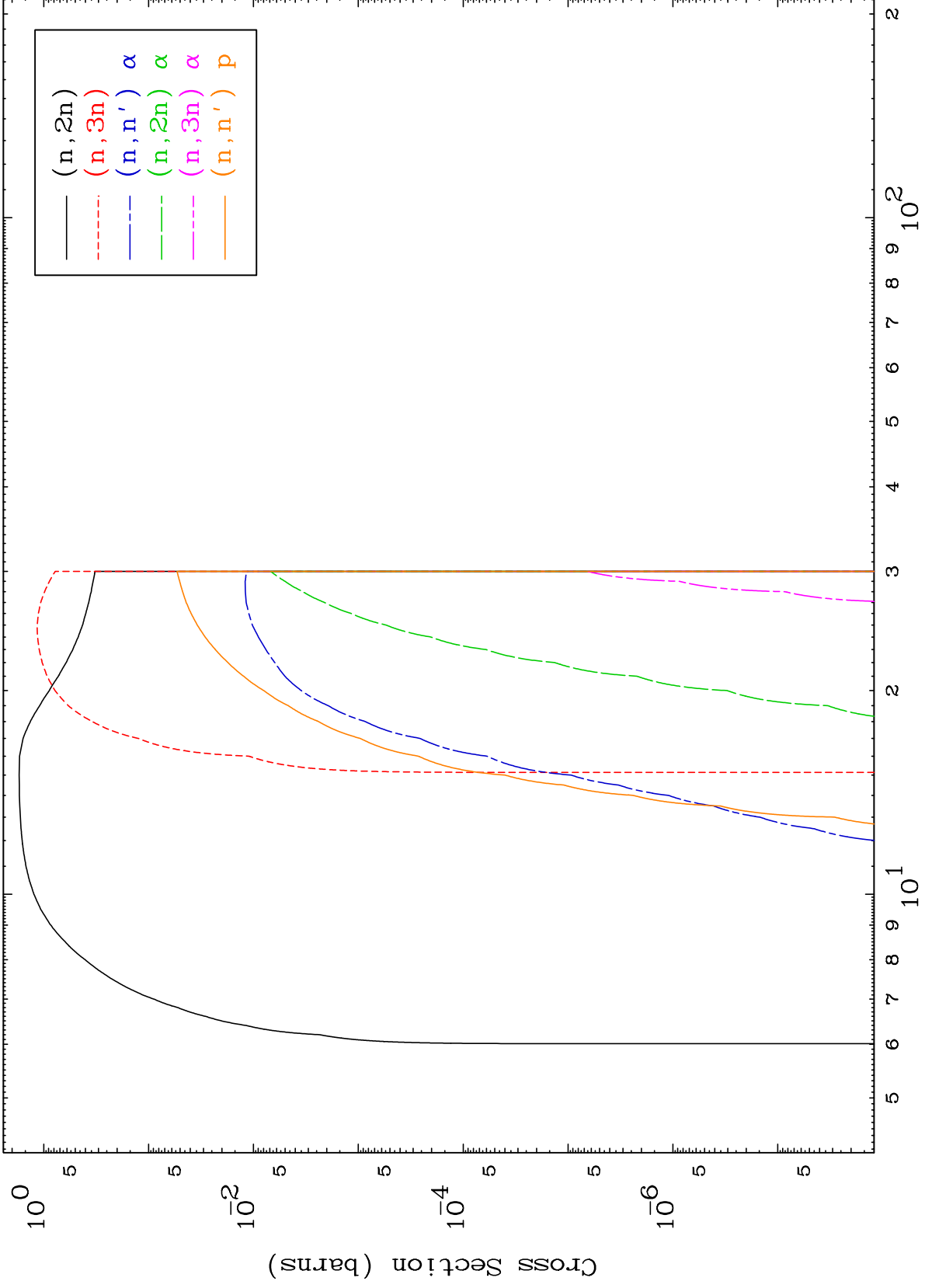
48-Cd-115



MAT 4853

Neutron Production  
293 Kelvin Cross Sections

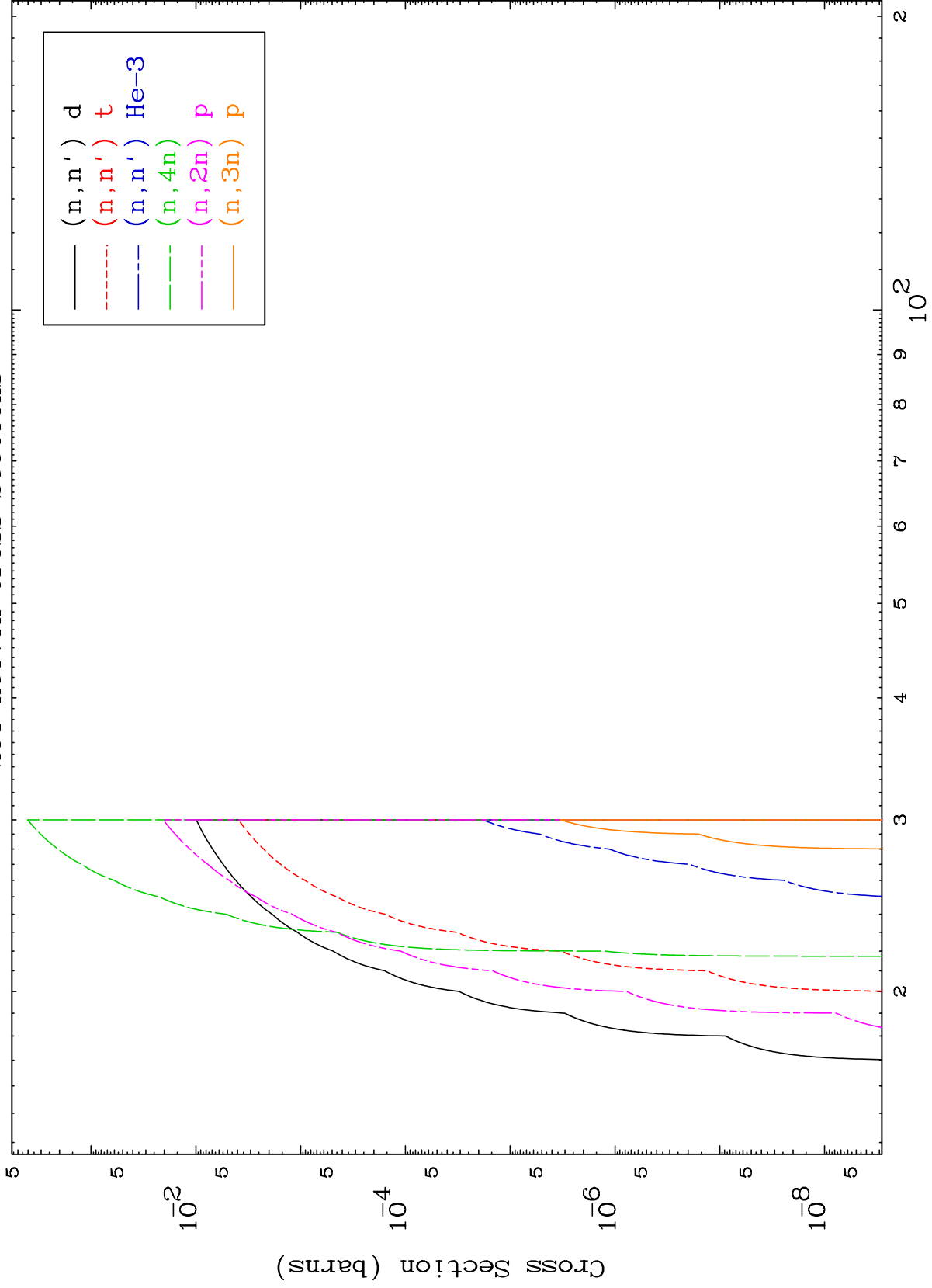
48-Cd-115



2

Incident Energy (MeV)

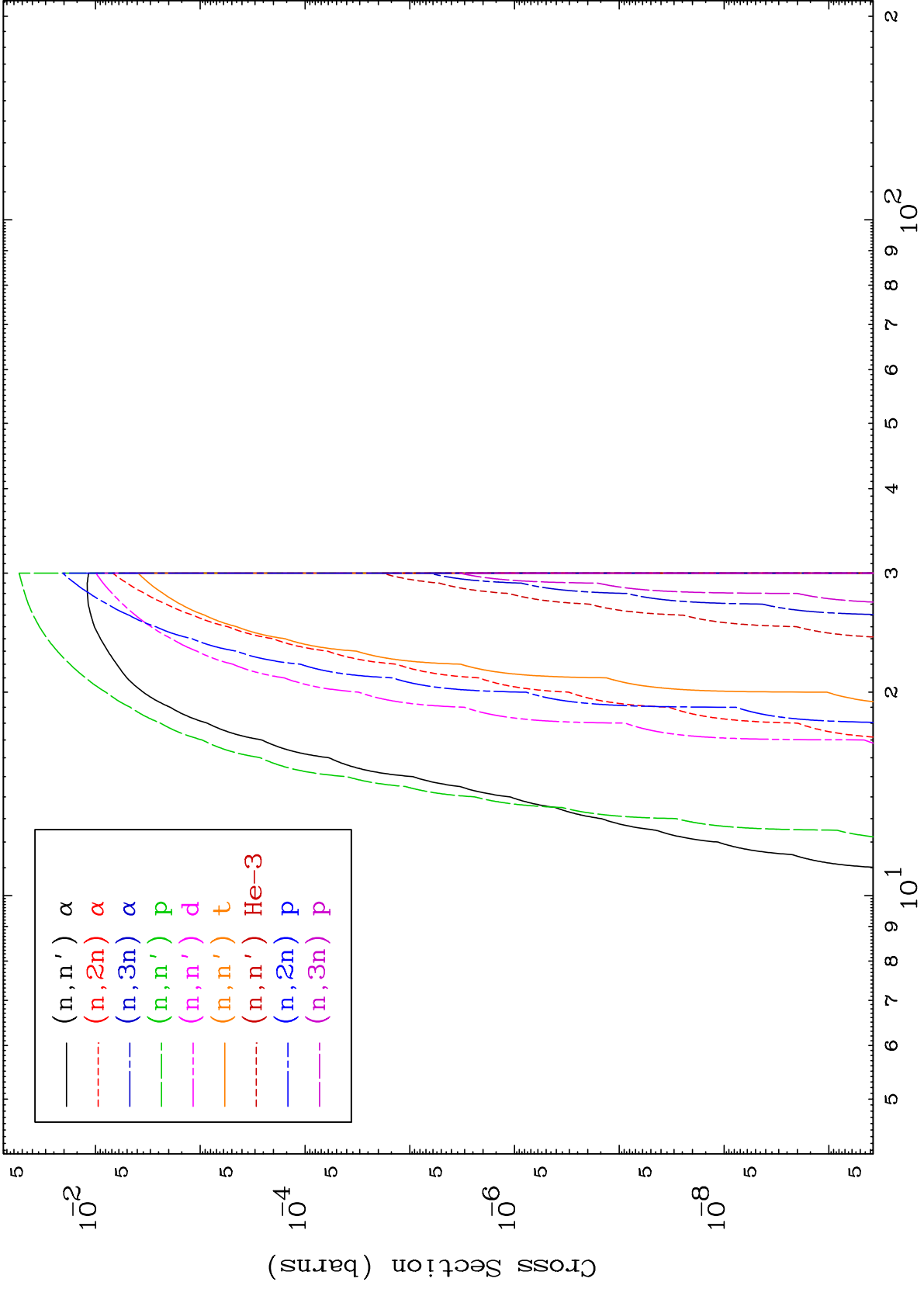
48-Cd-115



MAT 4853

Charged Particle  
293 Kelvin Cross Sections

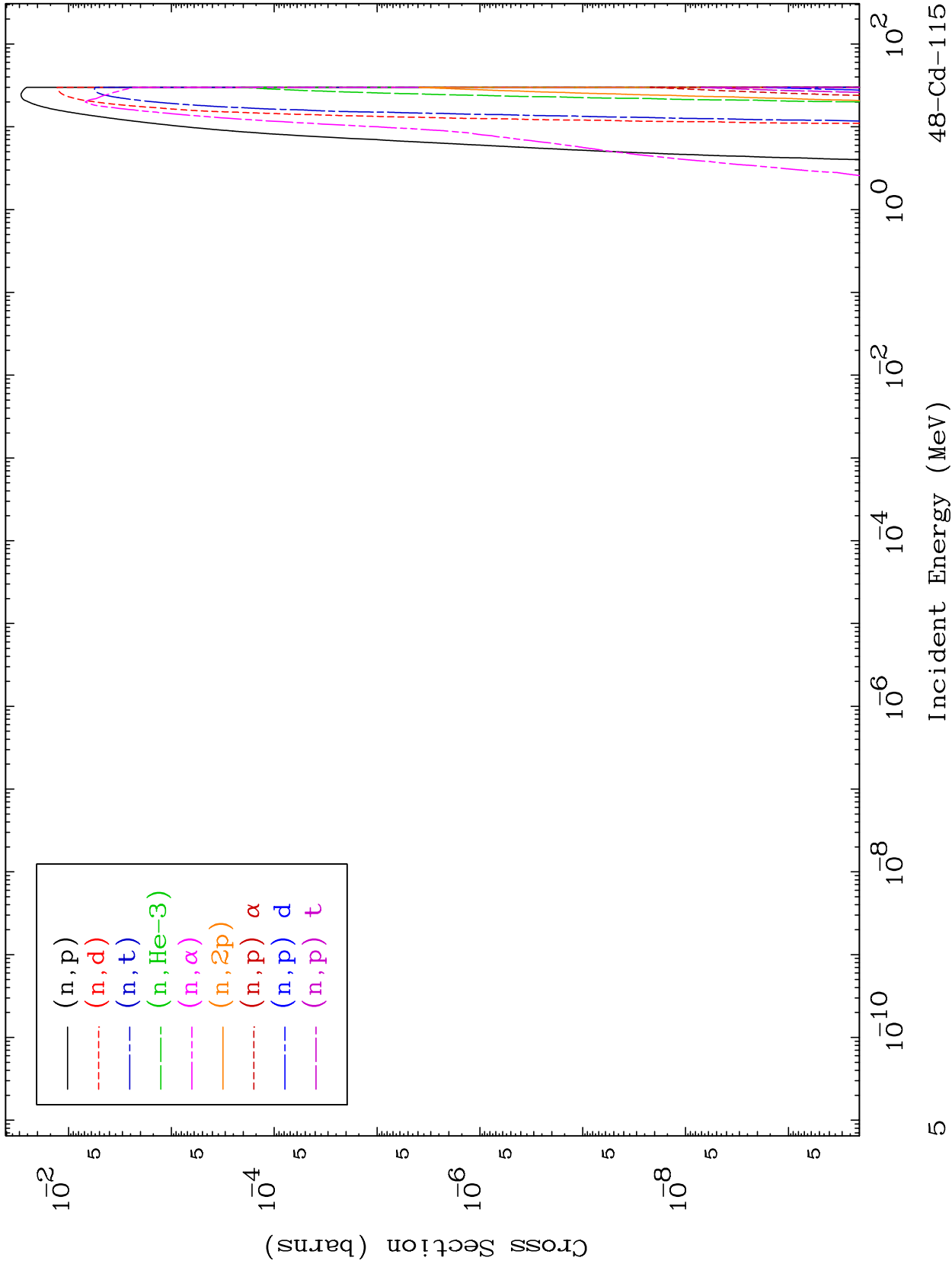
48-Cd-115



MAT 4853

Charged Particle  
293 Kelvin Cross Sections

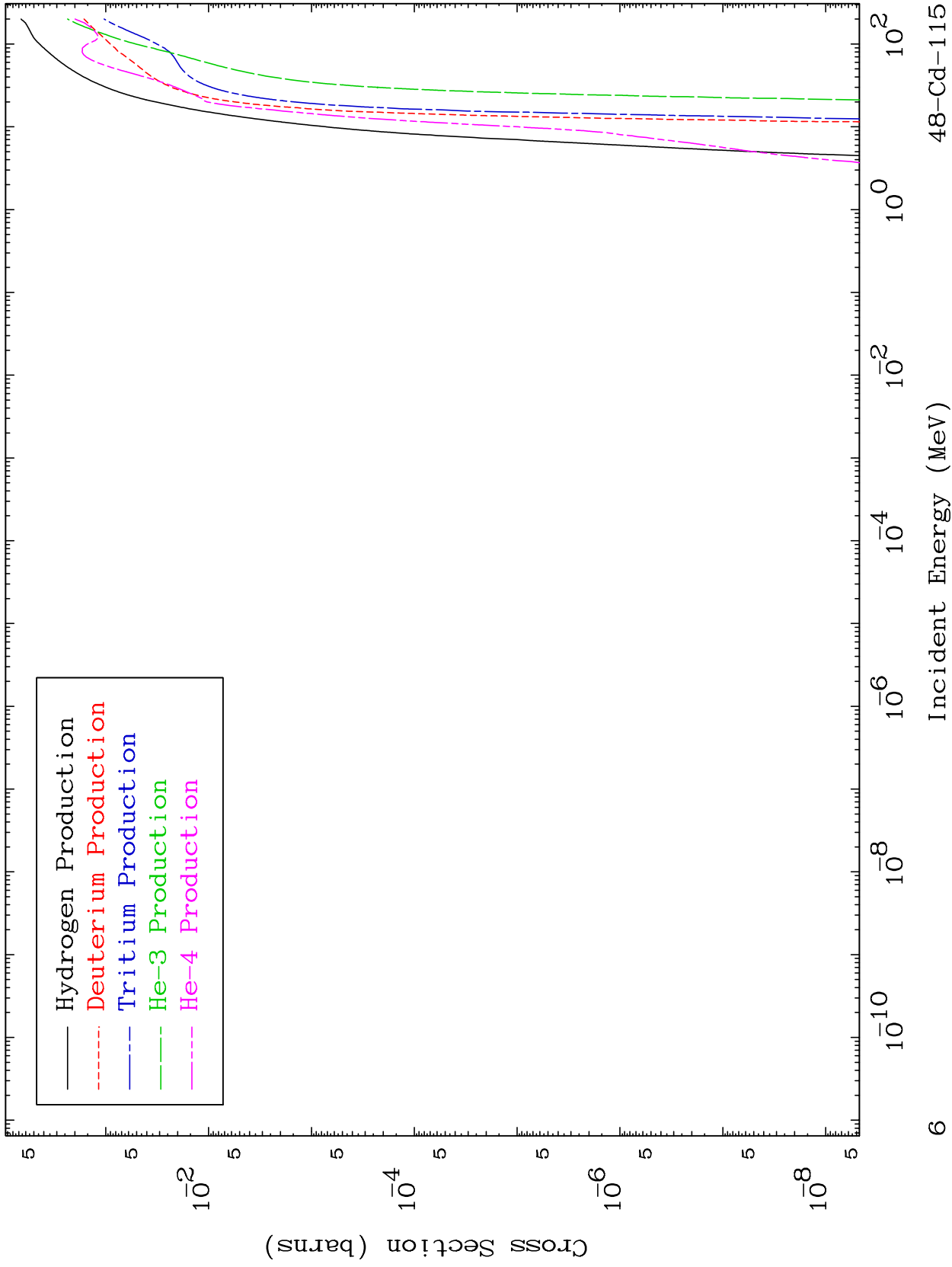
48-Cd-115



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Particle Production  
293 Kelvin Cross Sections

48-Cd-115

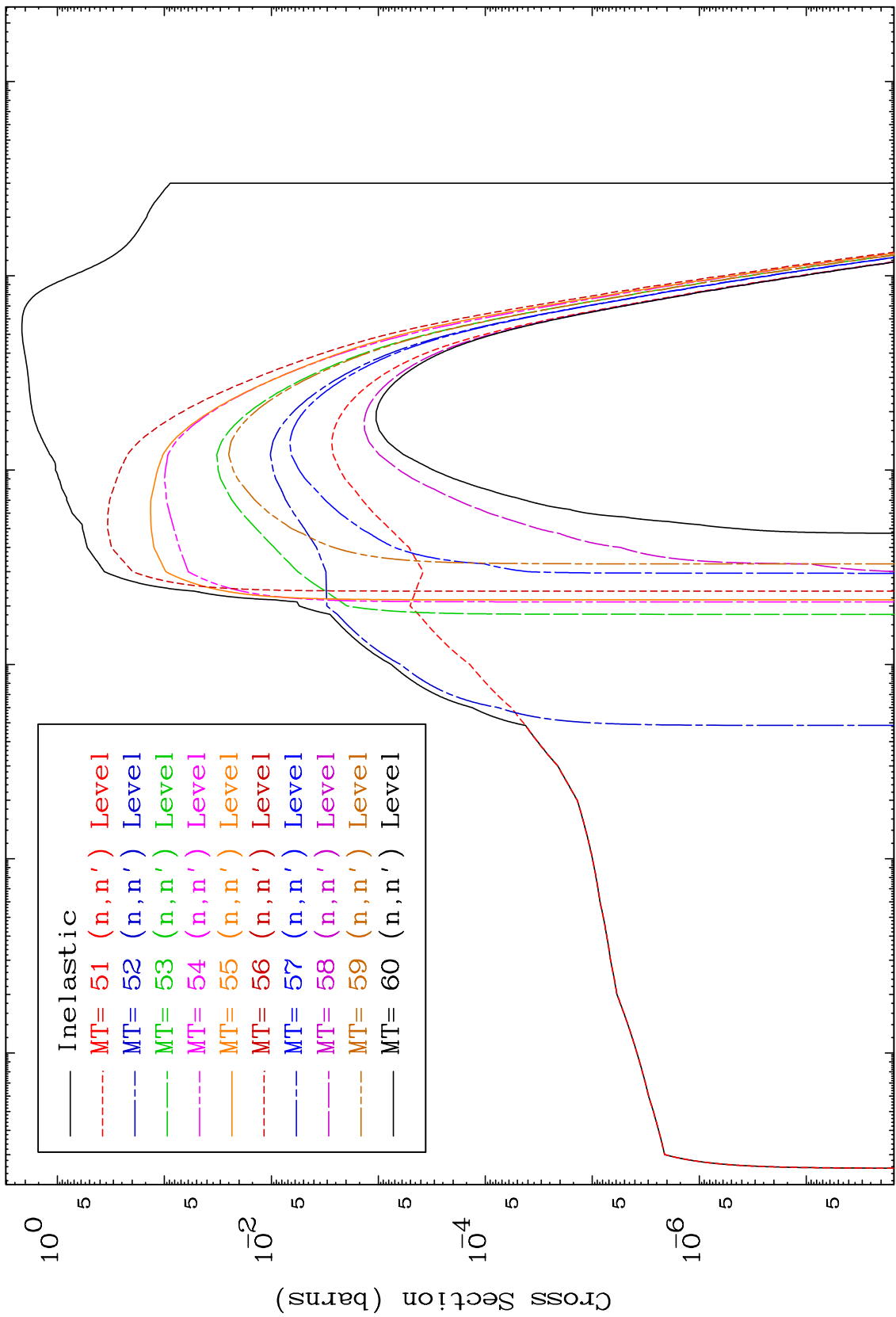


MAT 4853

(n,n') Level

48-Cd-115

293 Kelvin Cross Sections



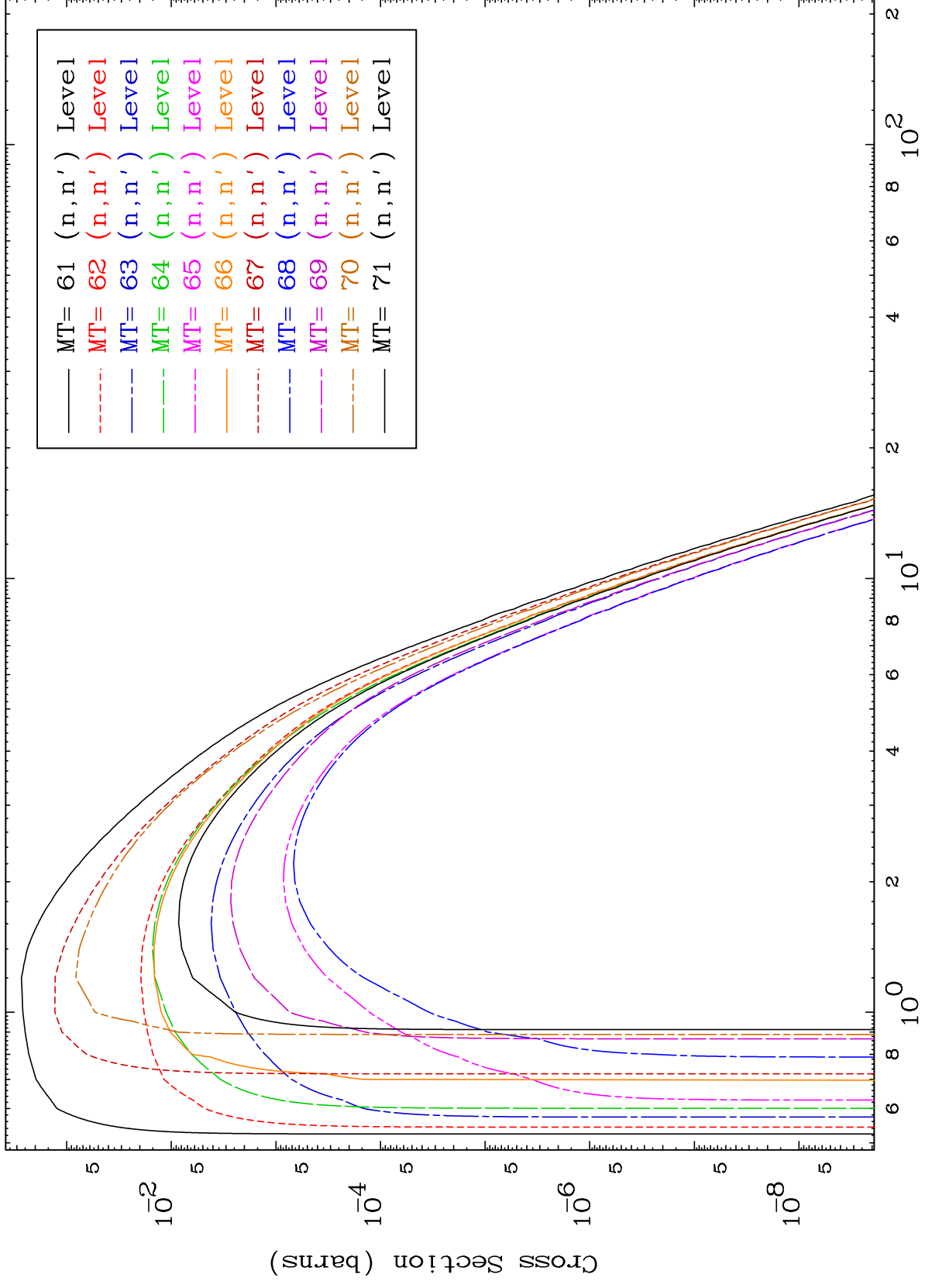


MAT 4853

(n,n') Level

48-Cd-115

293 Kelvin Cross Sections



8

Incident Energy (MeV)

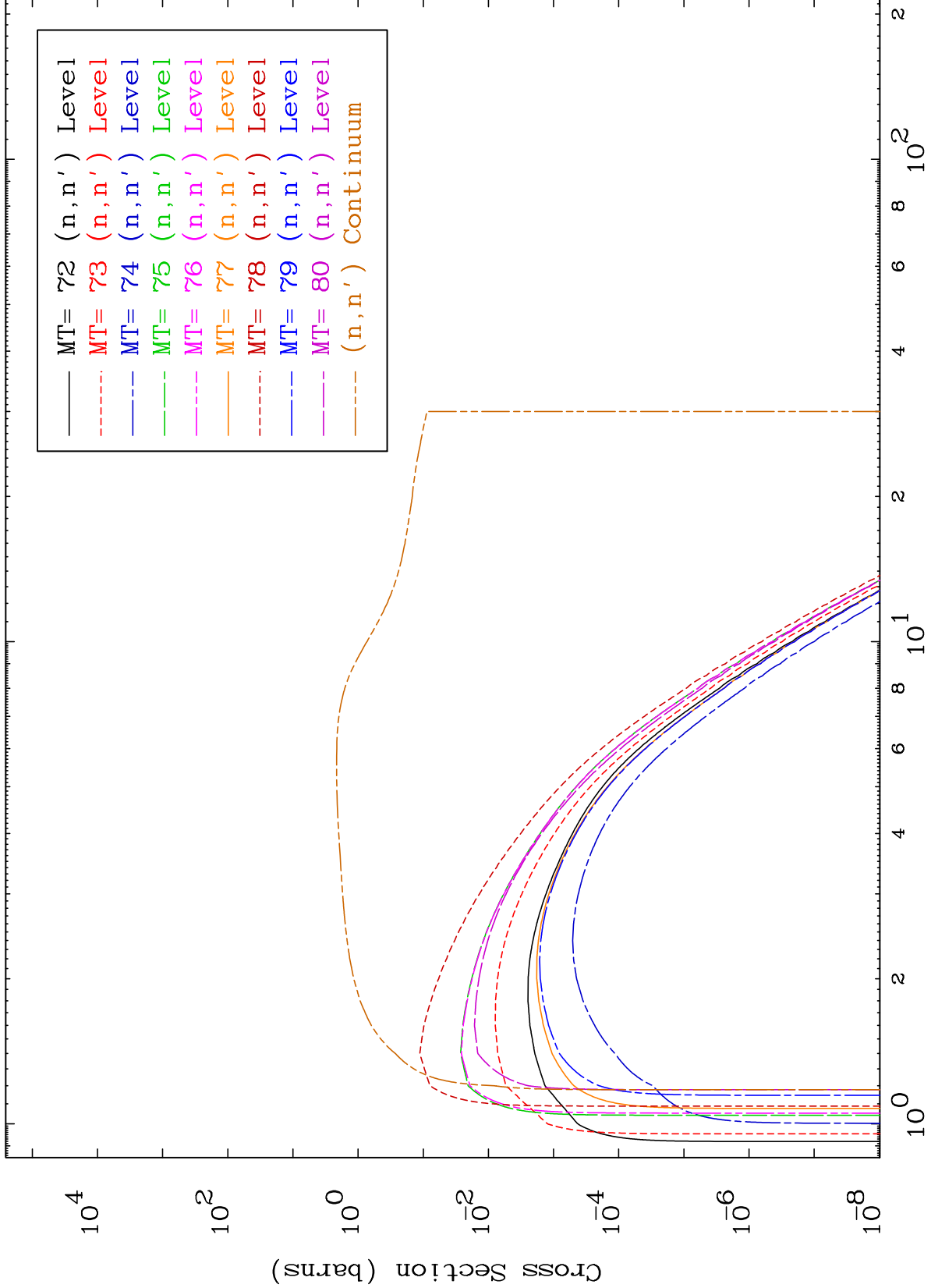
48-Cd-115

MAT 4853

(n,n') Level

48-Cd-115

293 Kelvin Cross Sections



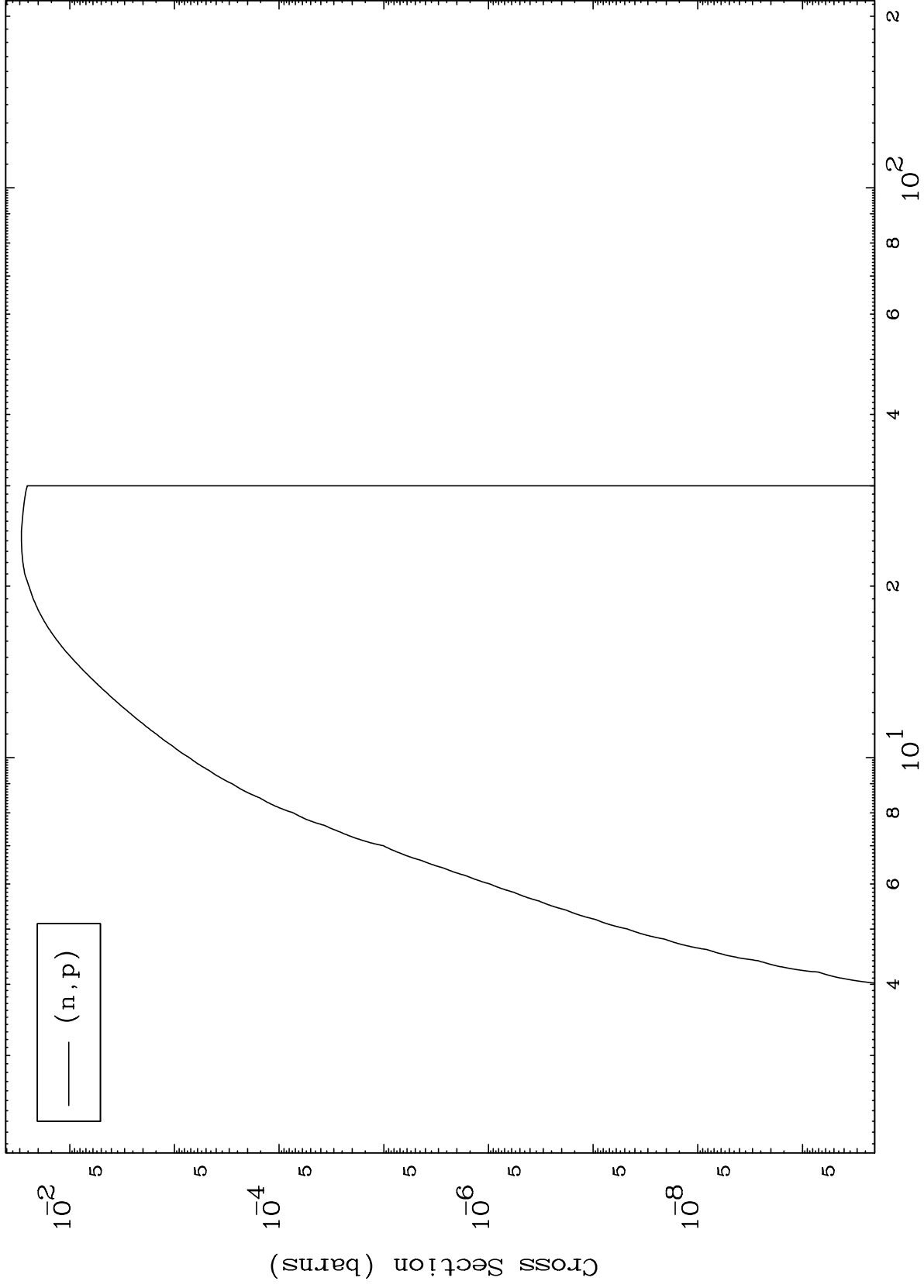
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-115



10

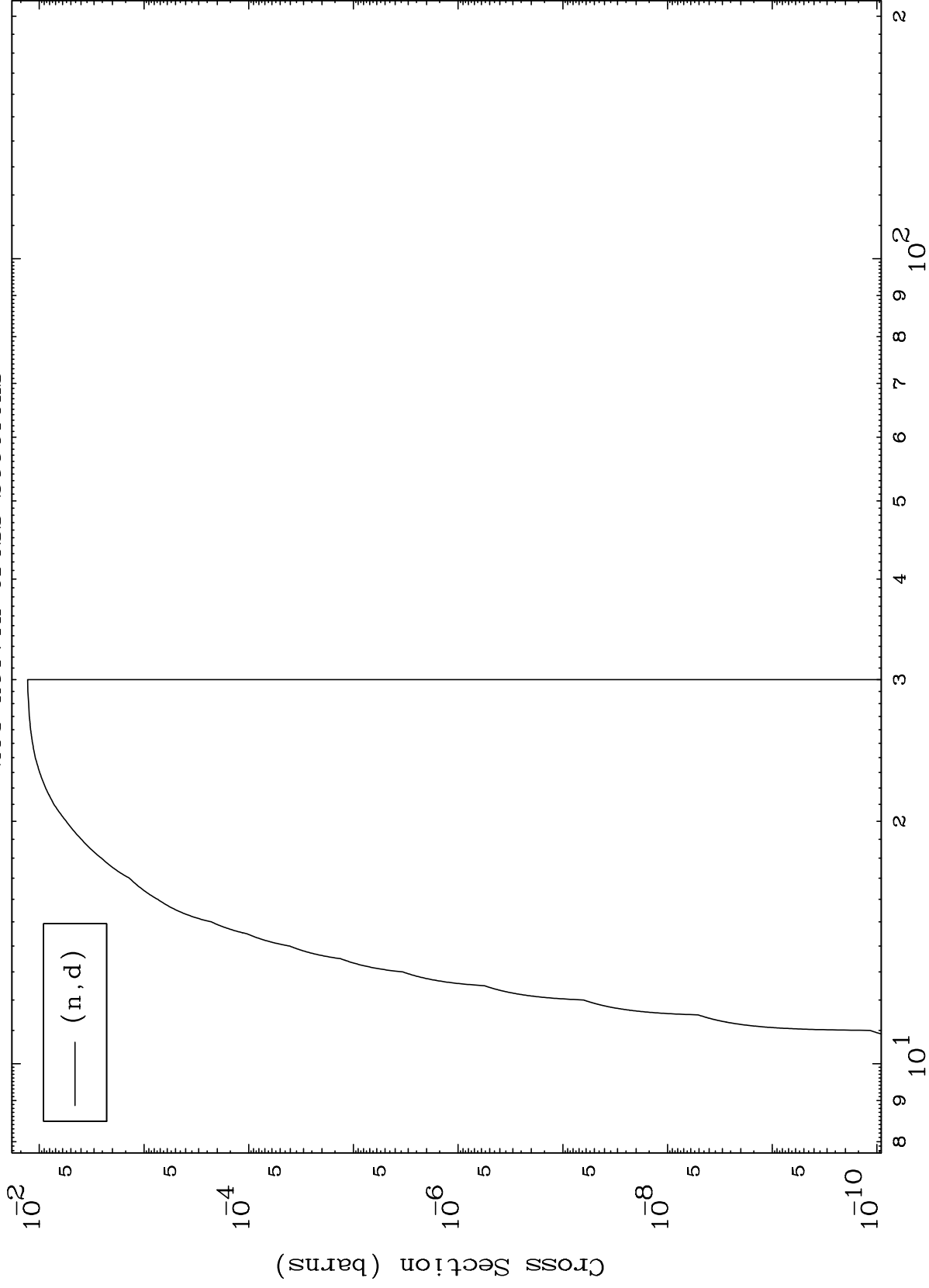
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-115



11

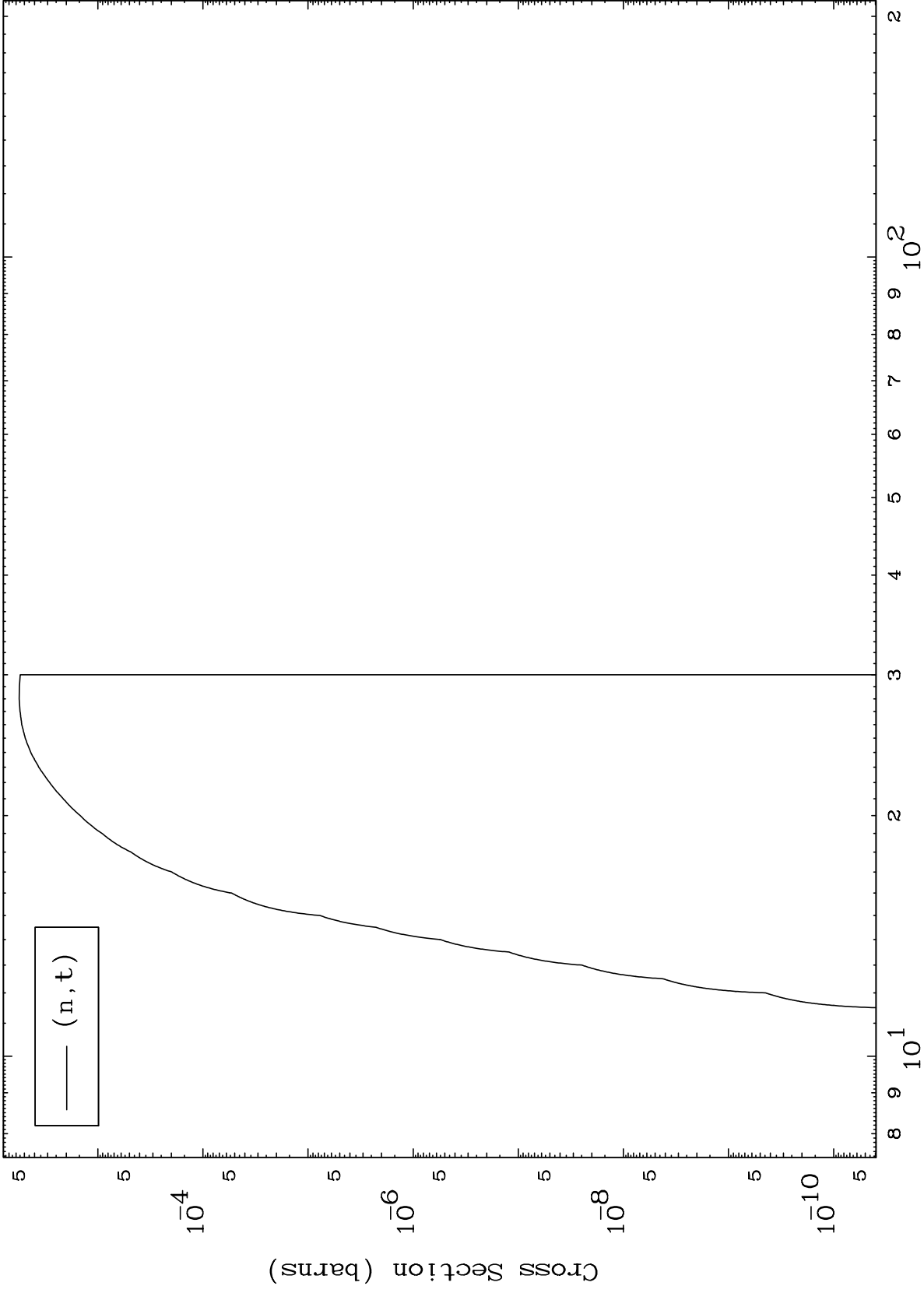
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-115



12

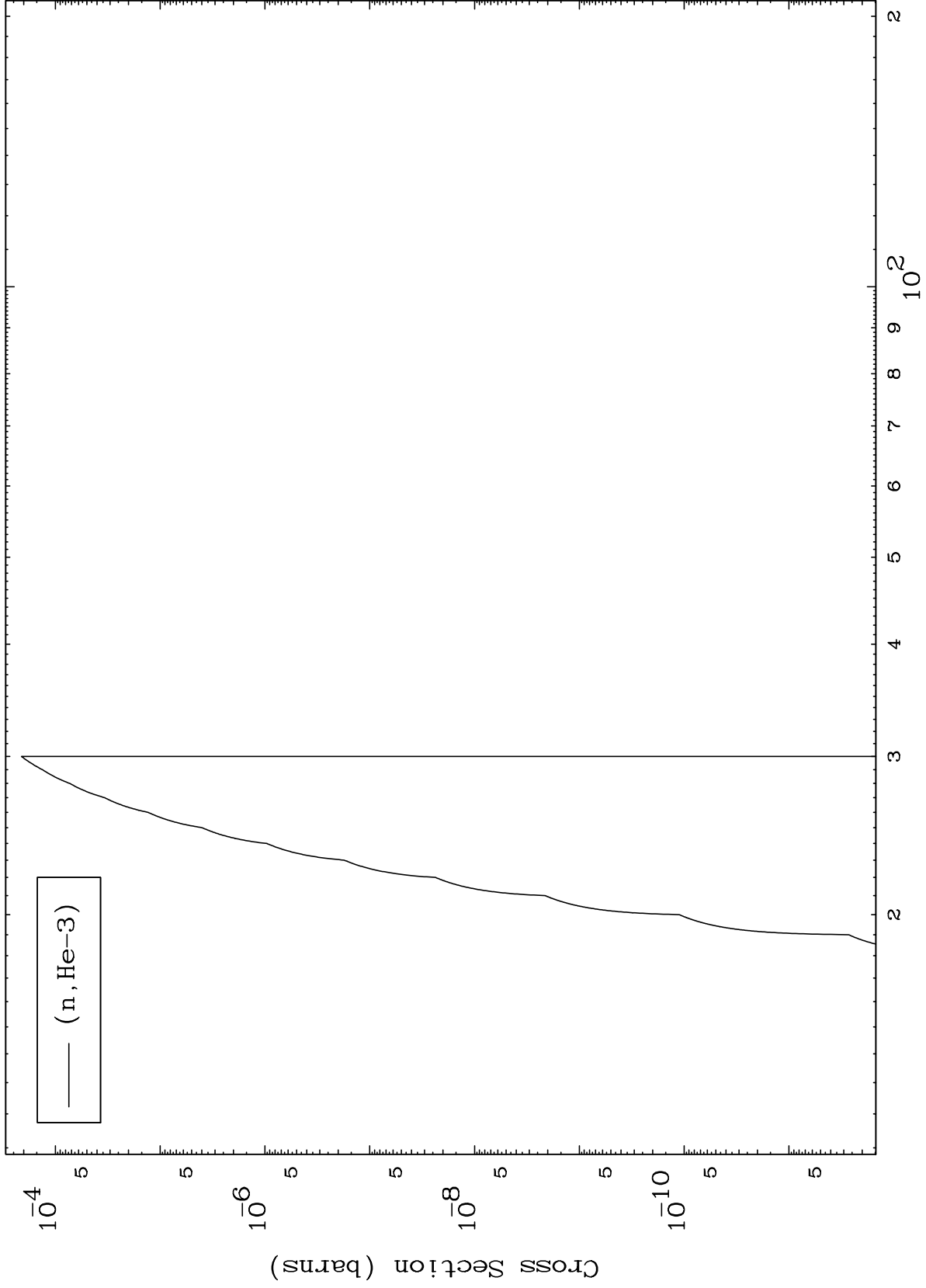
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-115



13

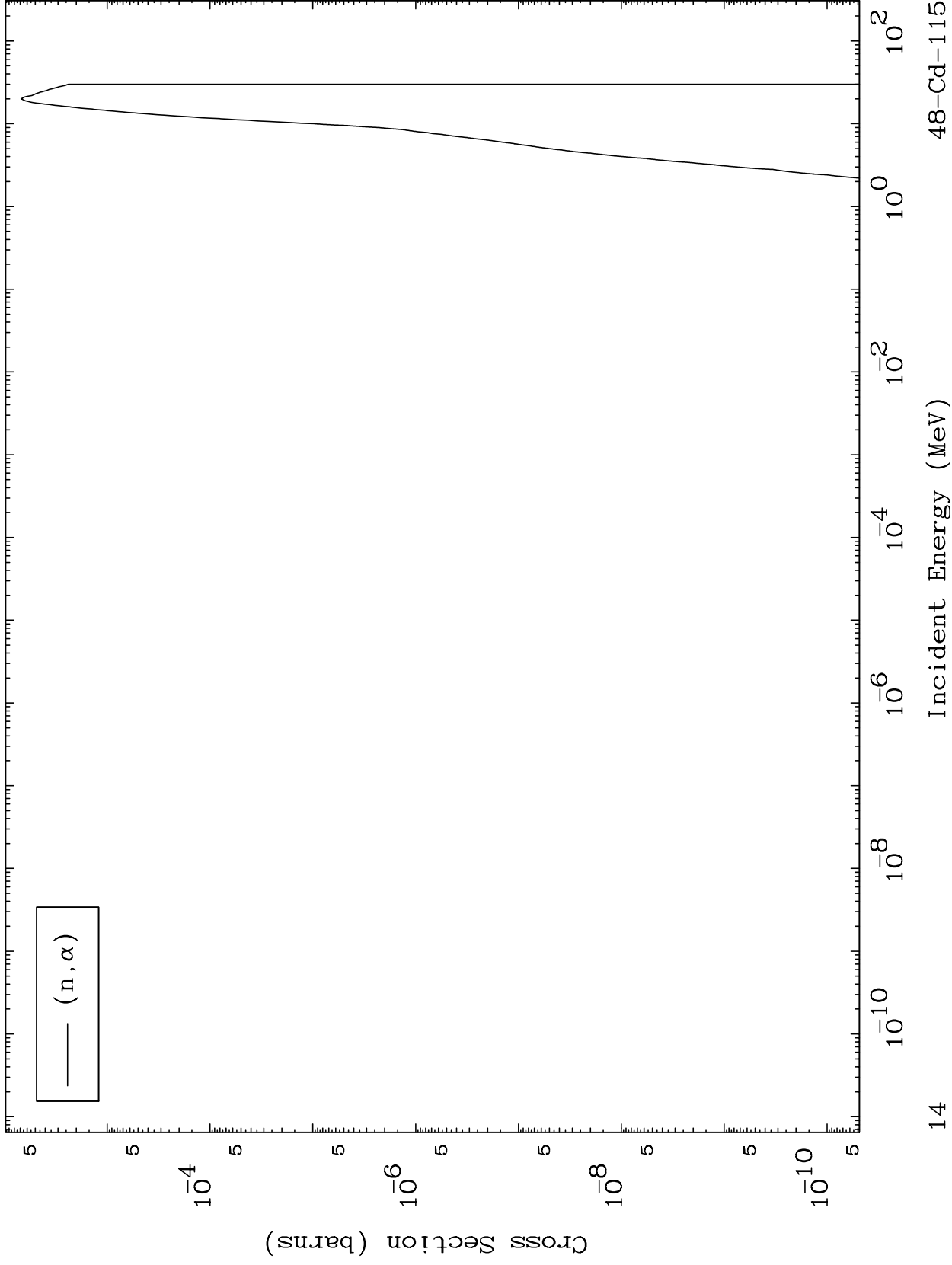
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

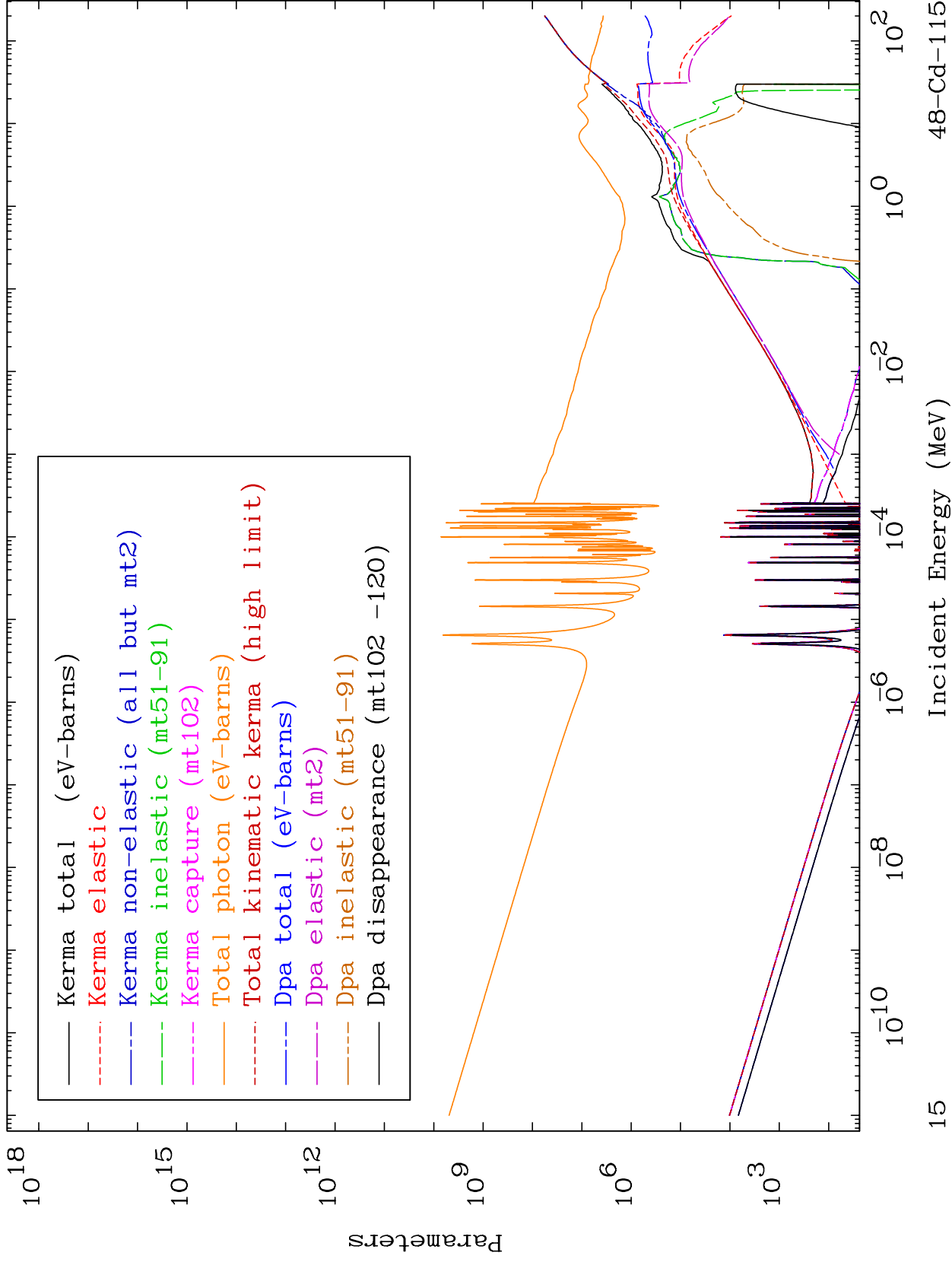
48-Cd-115



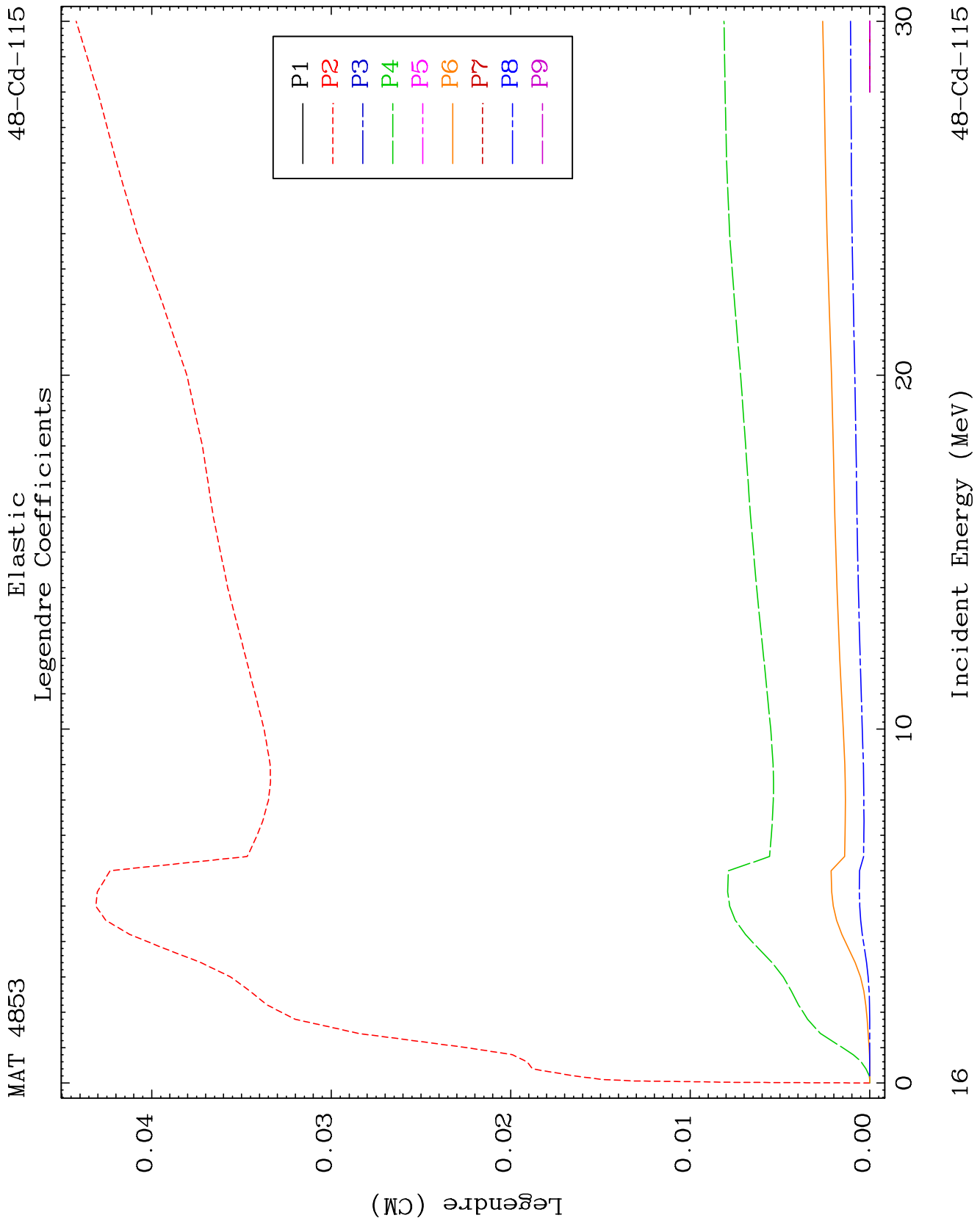
14

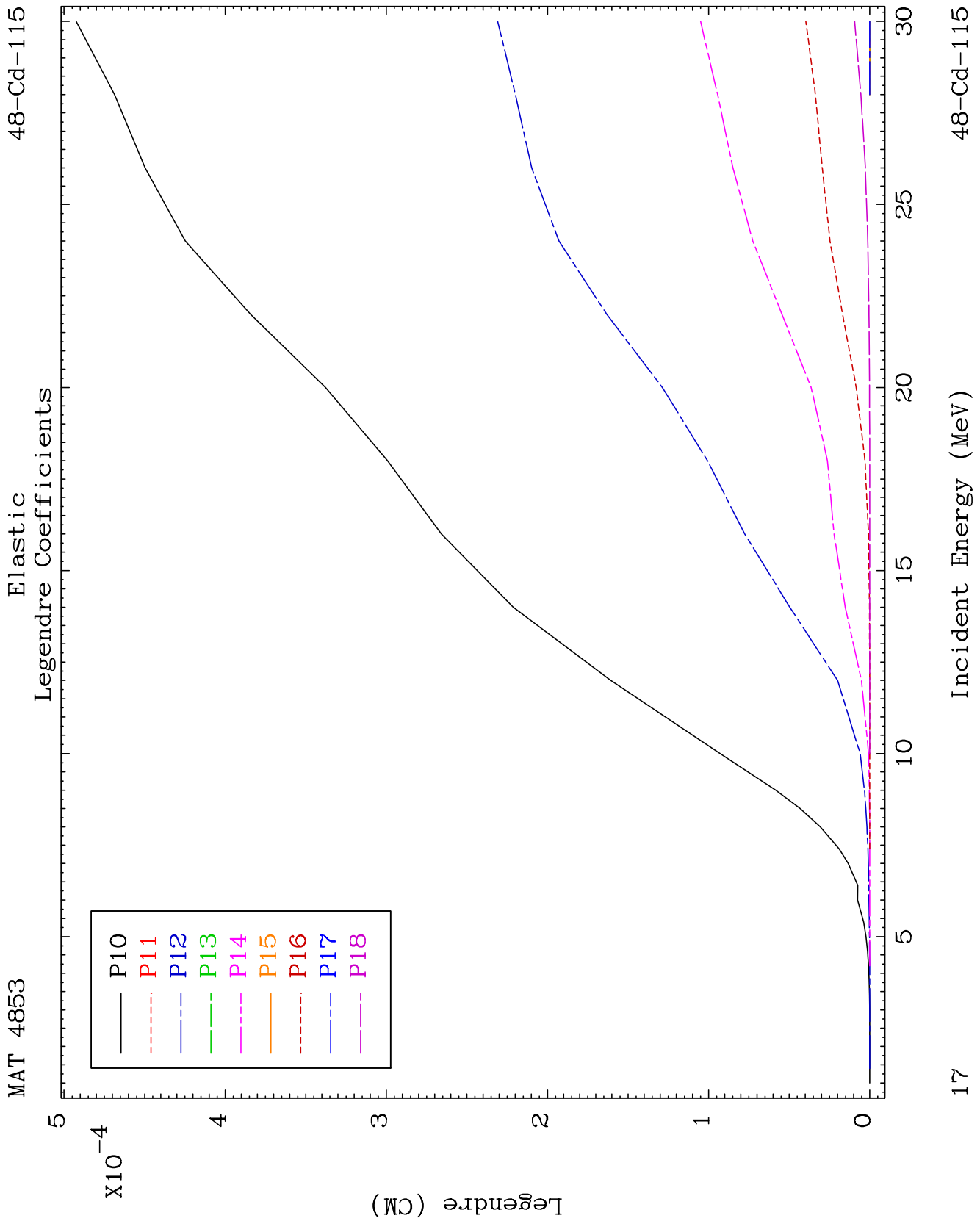
Incident Energy (MeV)

48-Cd-115





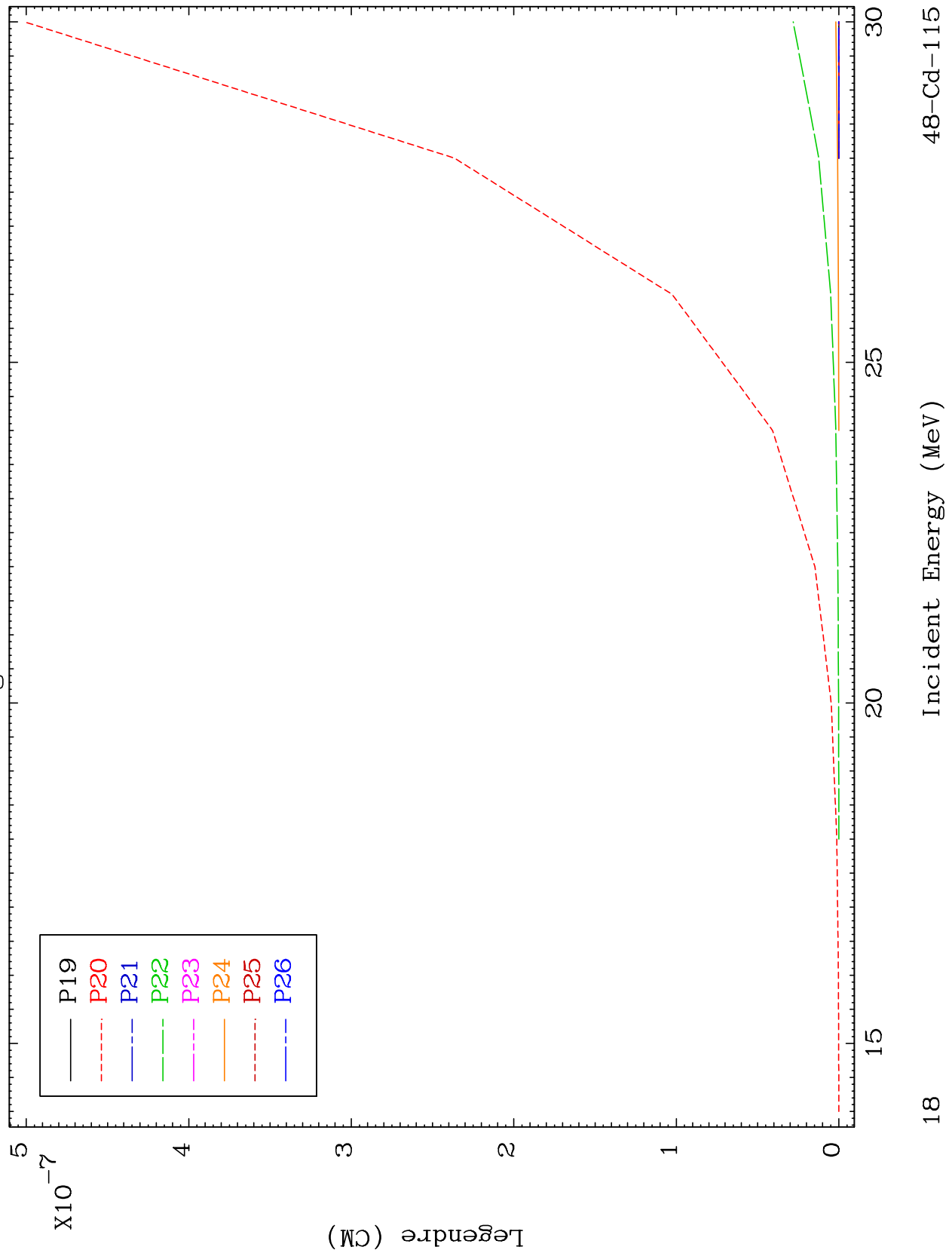




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Elastic Legendre Coefficients

48-Cd-115



18

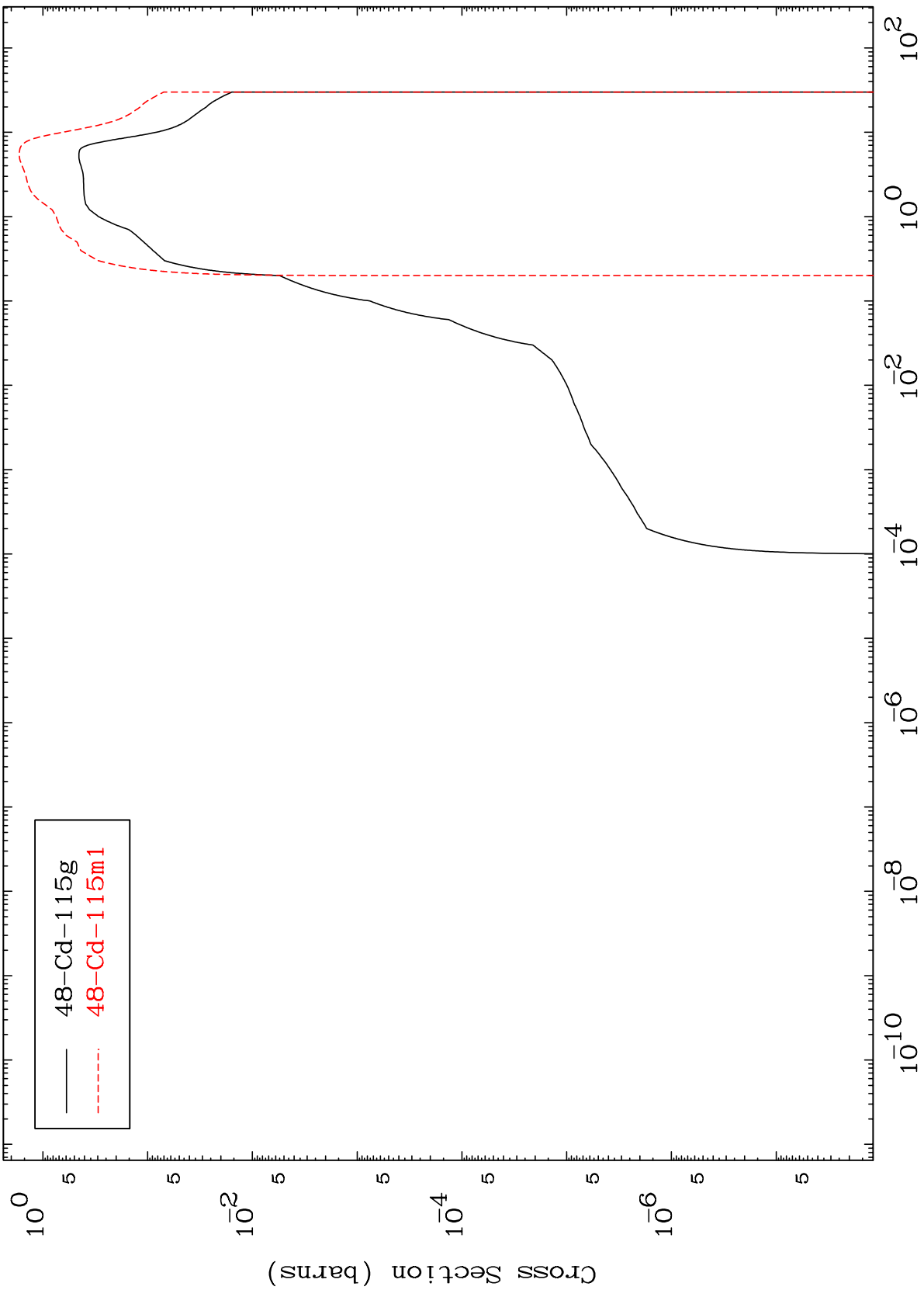
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

Inelastic  
Radionuclide Production Cross Section



— 48-Cd-115g  
- - - 48-Cd-115m1

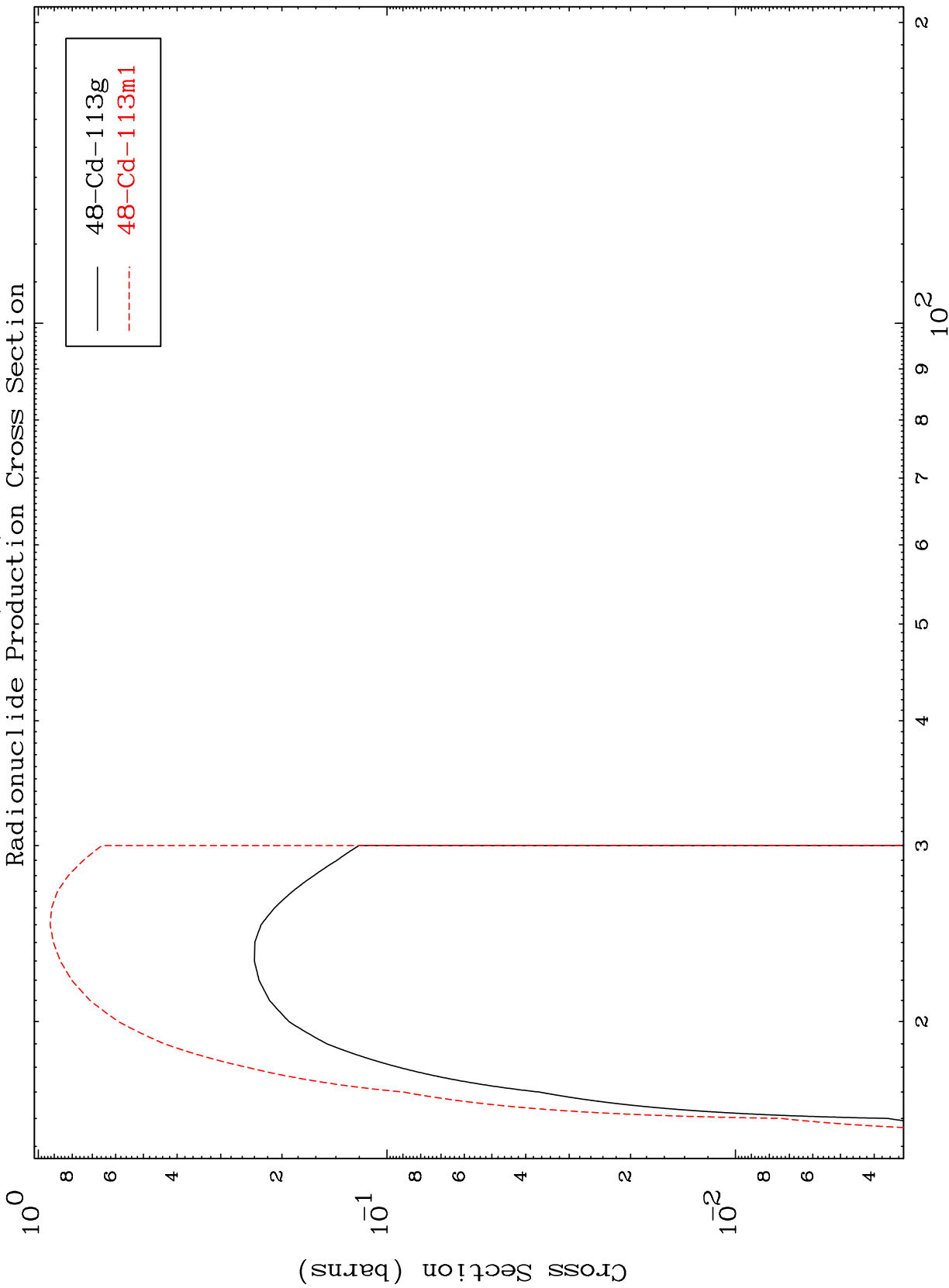
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

(n,3n)  
Radionuclide Production Cross Section



— 48-Cd-113g  
- - - 48-Cd-113m1

48-Cd-115

Incident Energy (MeV)

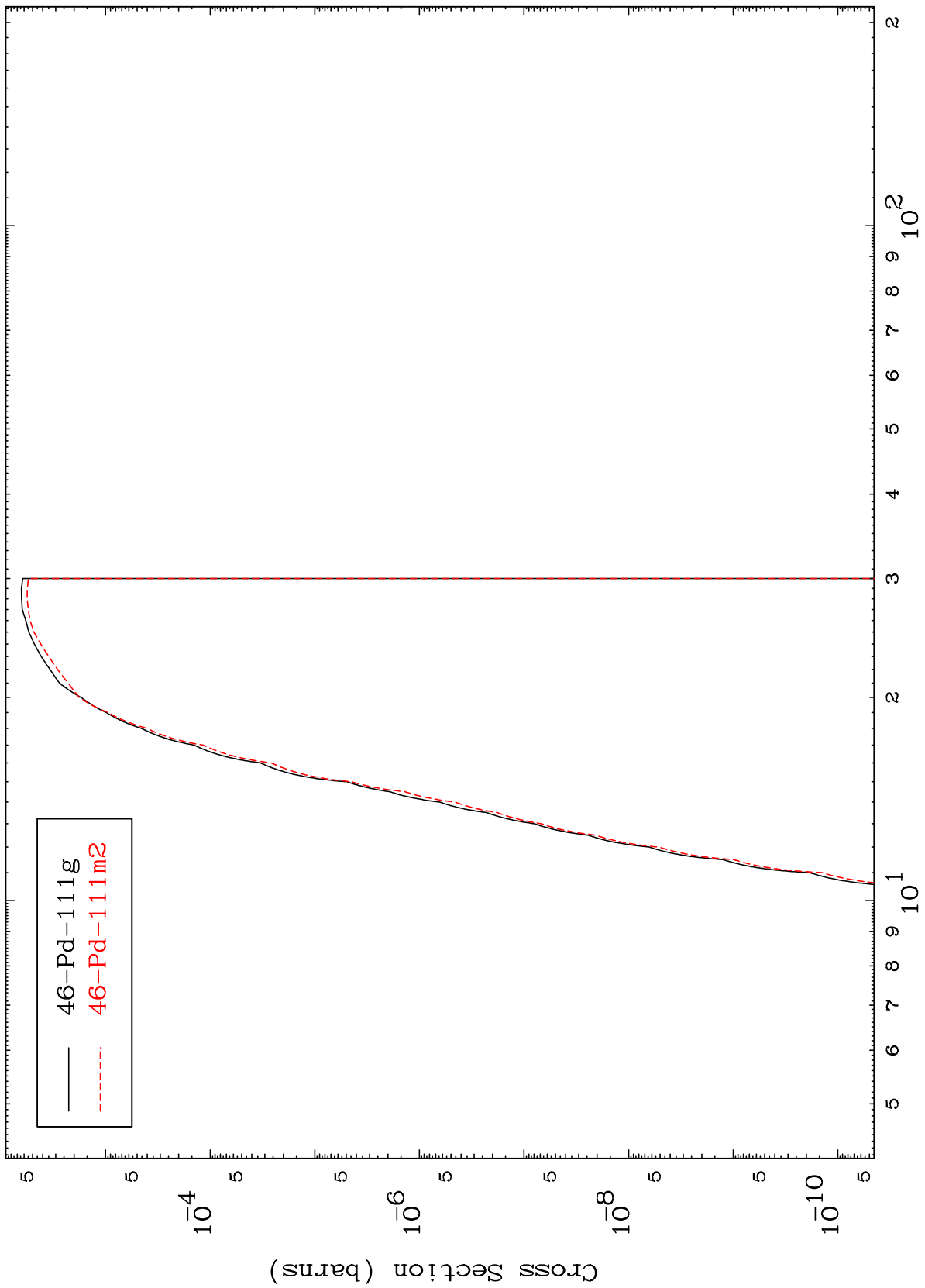
20

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48-Cd-115

(n,n')  $\alpha$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

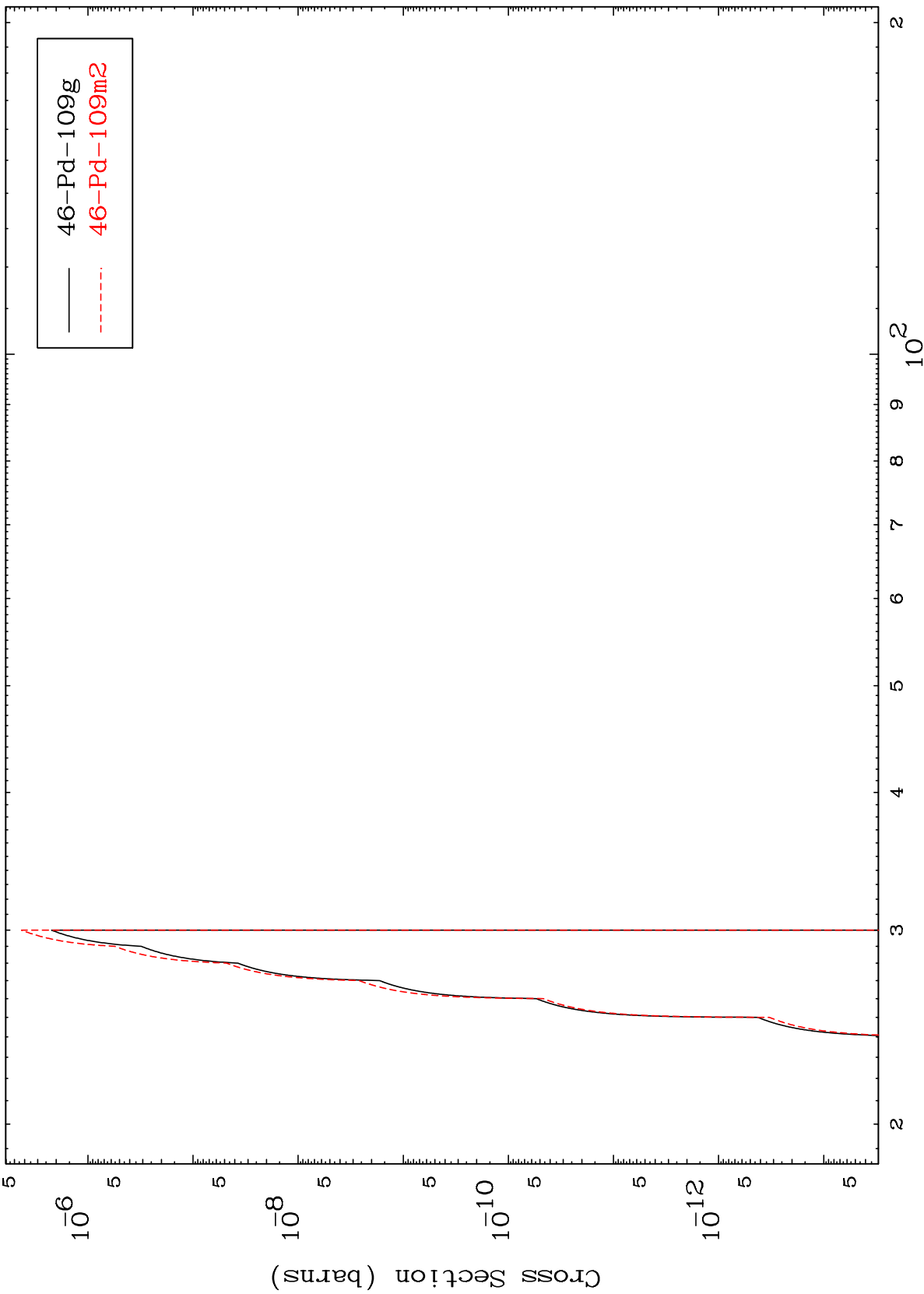
48-Cd-115

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(n,3n)  $\alpha$

48-Cd-115

Radionuclide Production Cross Section



22

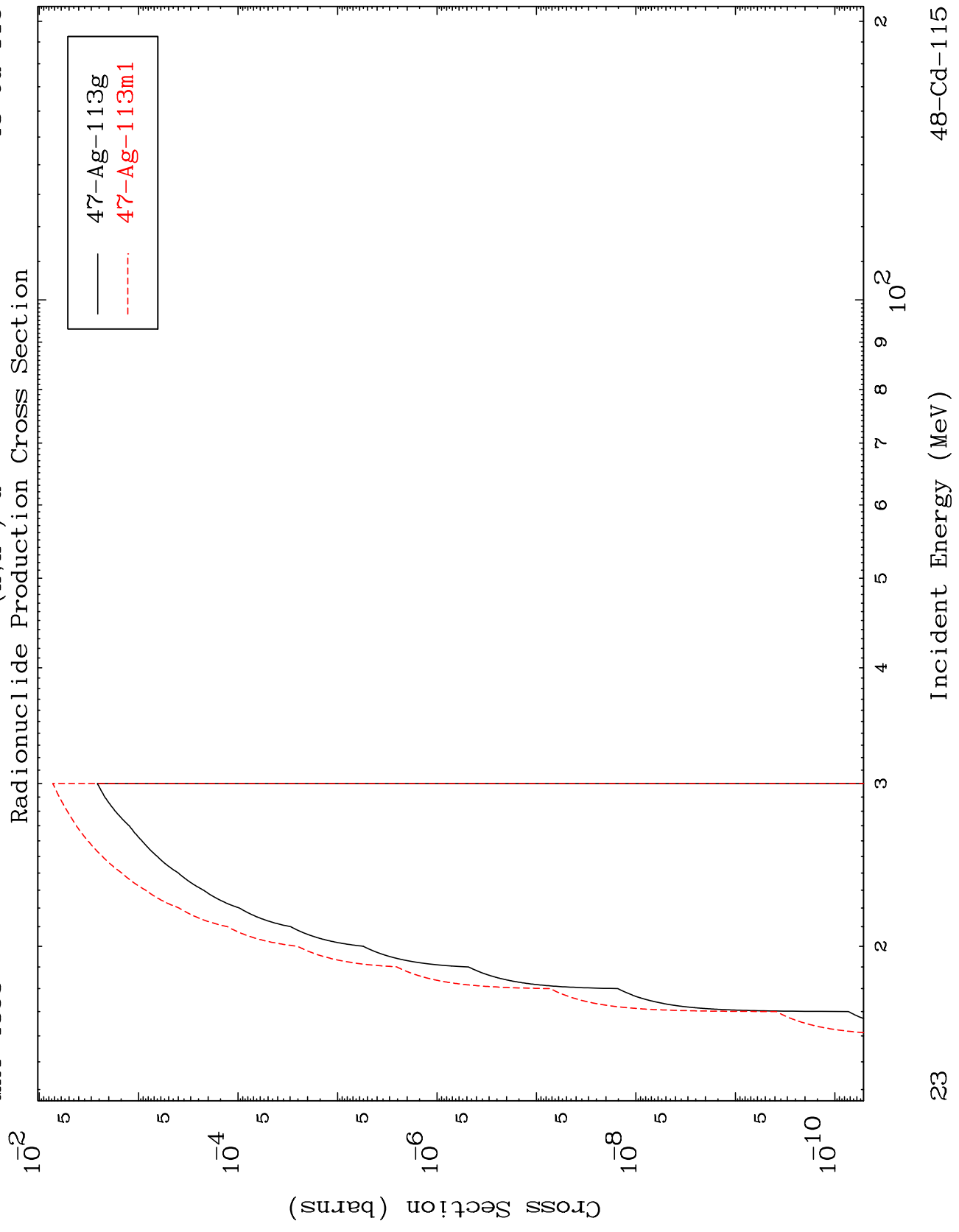
Incident Energy (MeV)

48-Cd-115

MAT 4853

(n,n') d

48-Cd-115



23

48-Cd-115

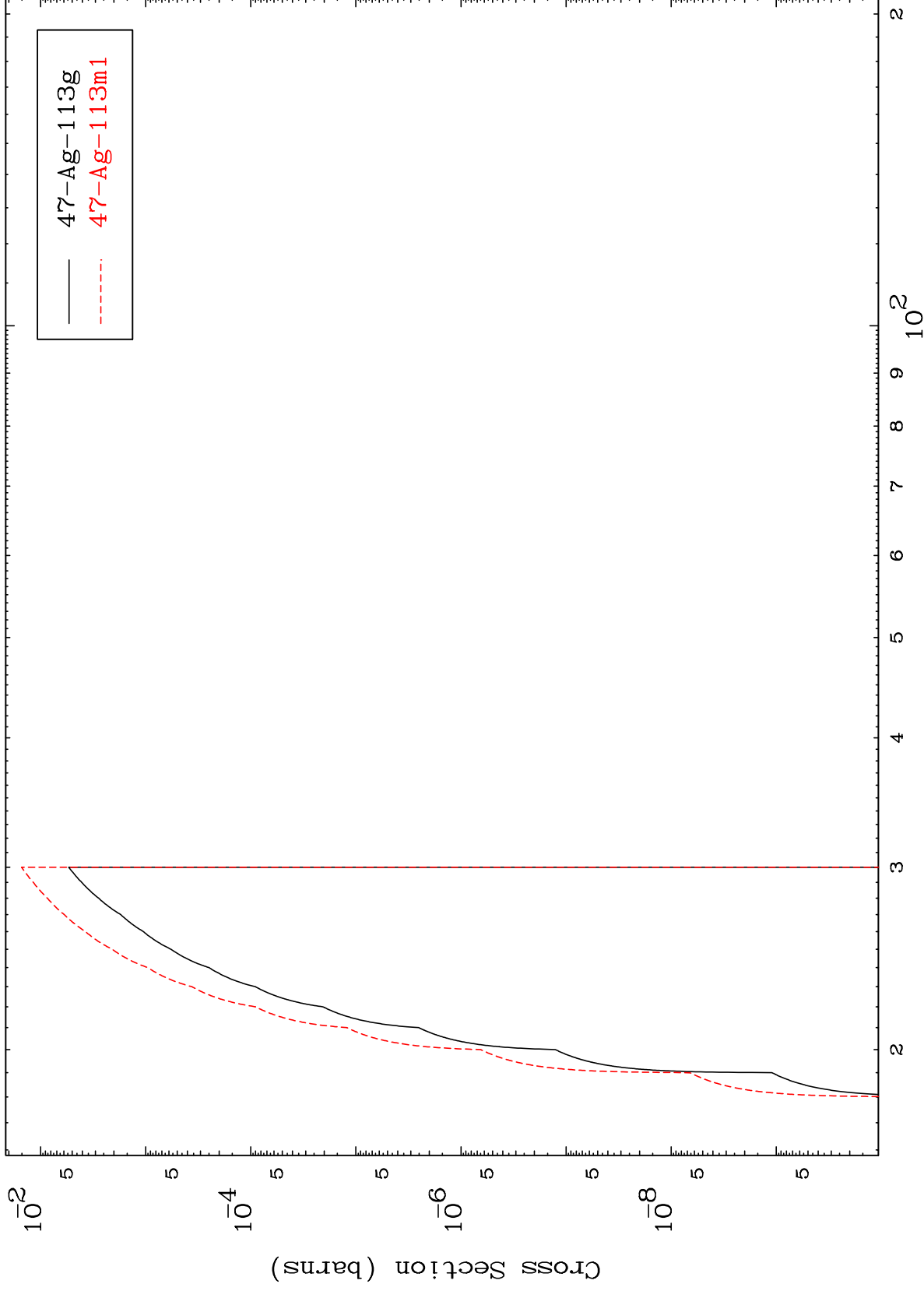


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(n,2n) p

48-Cd-115

Radionuclide Production Cross Section



24

Incident Energy (MeV)

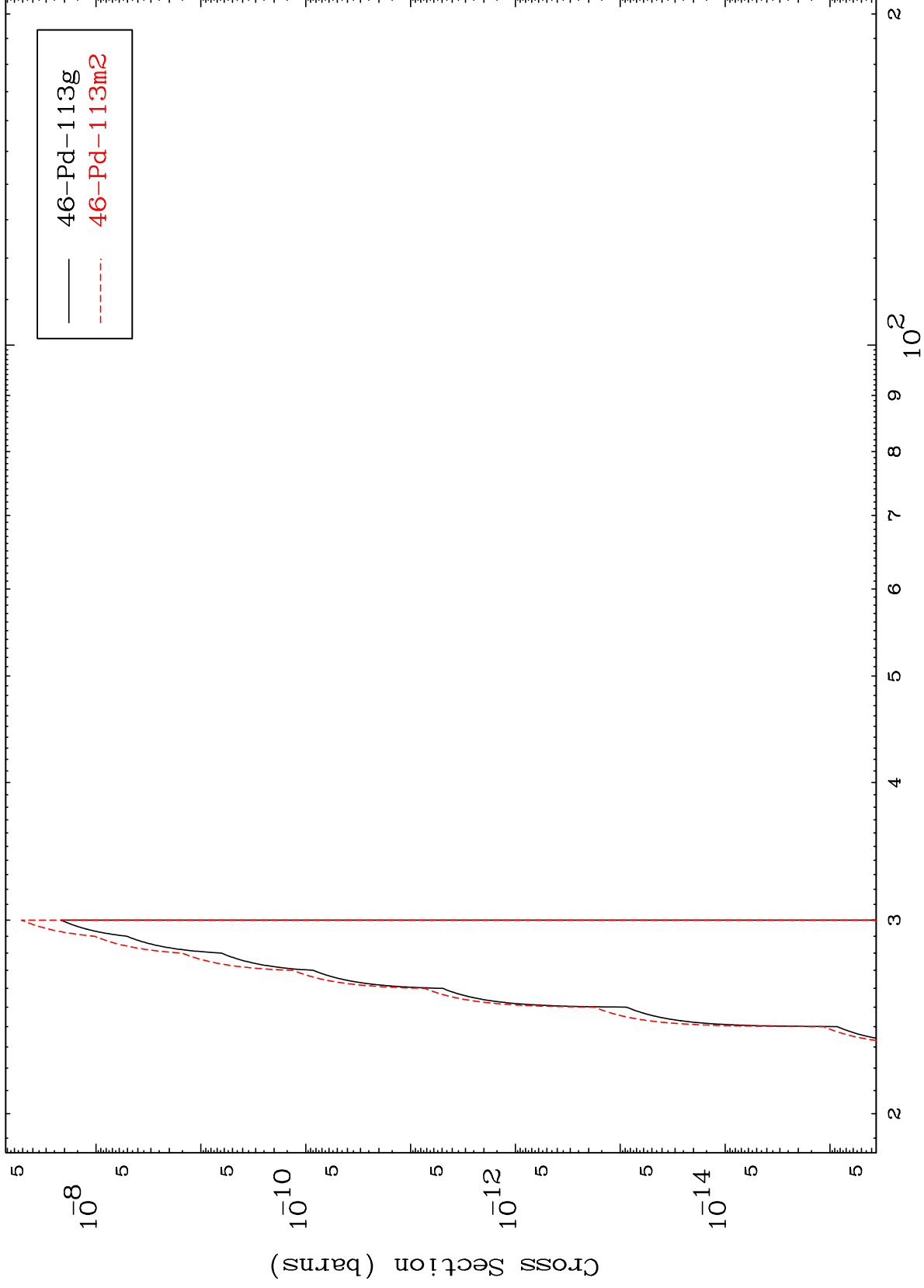
48-Cd-115

MAT 4853

(n,2n) p

48-Cd-115

Radionuclide Production Cross Section



25

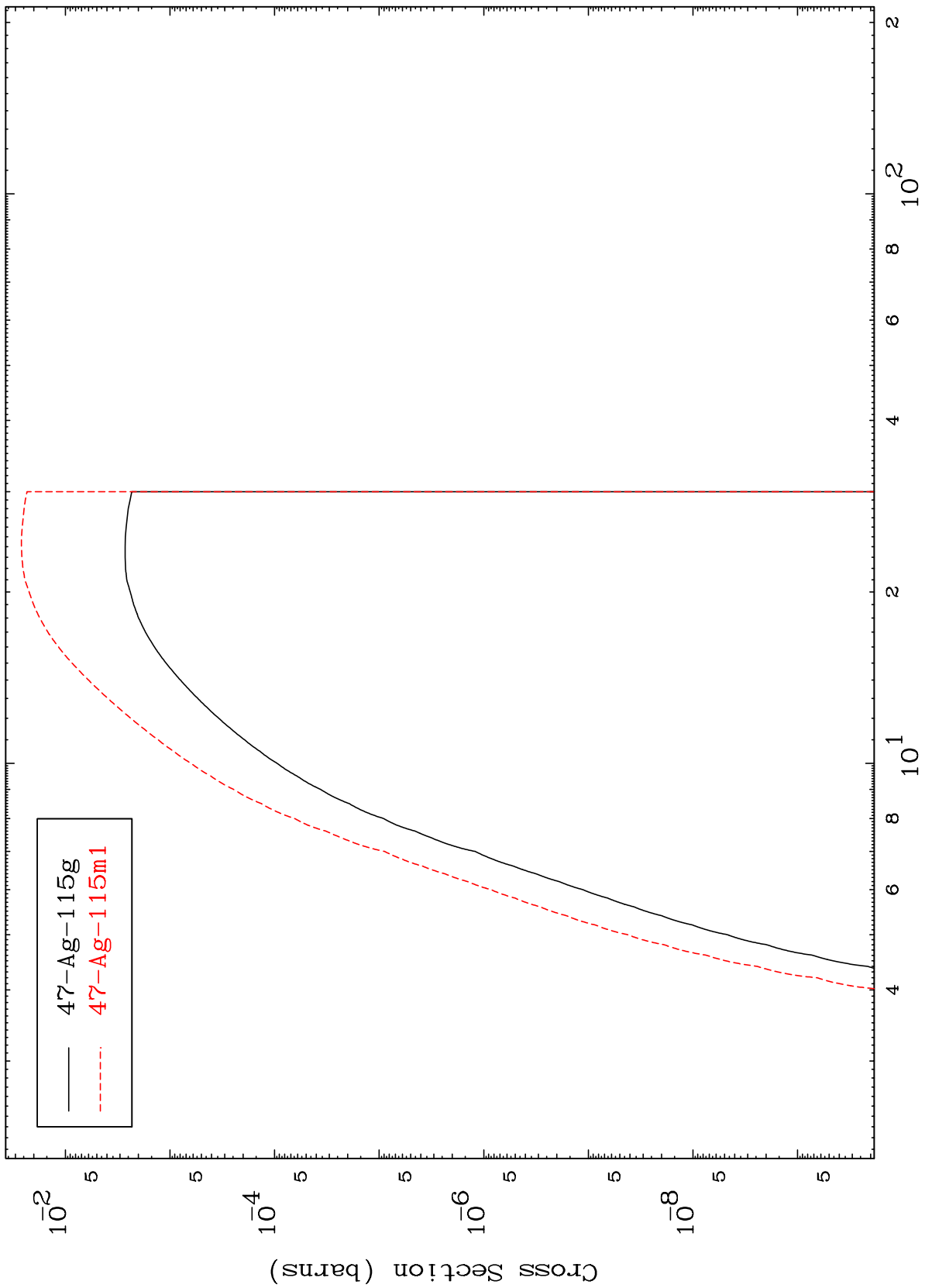
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

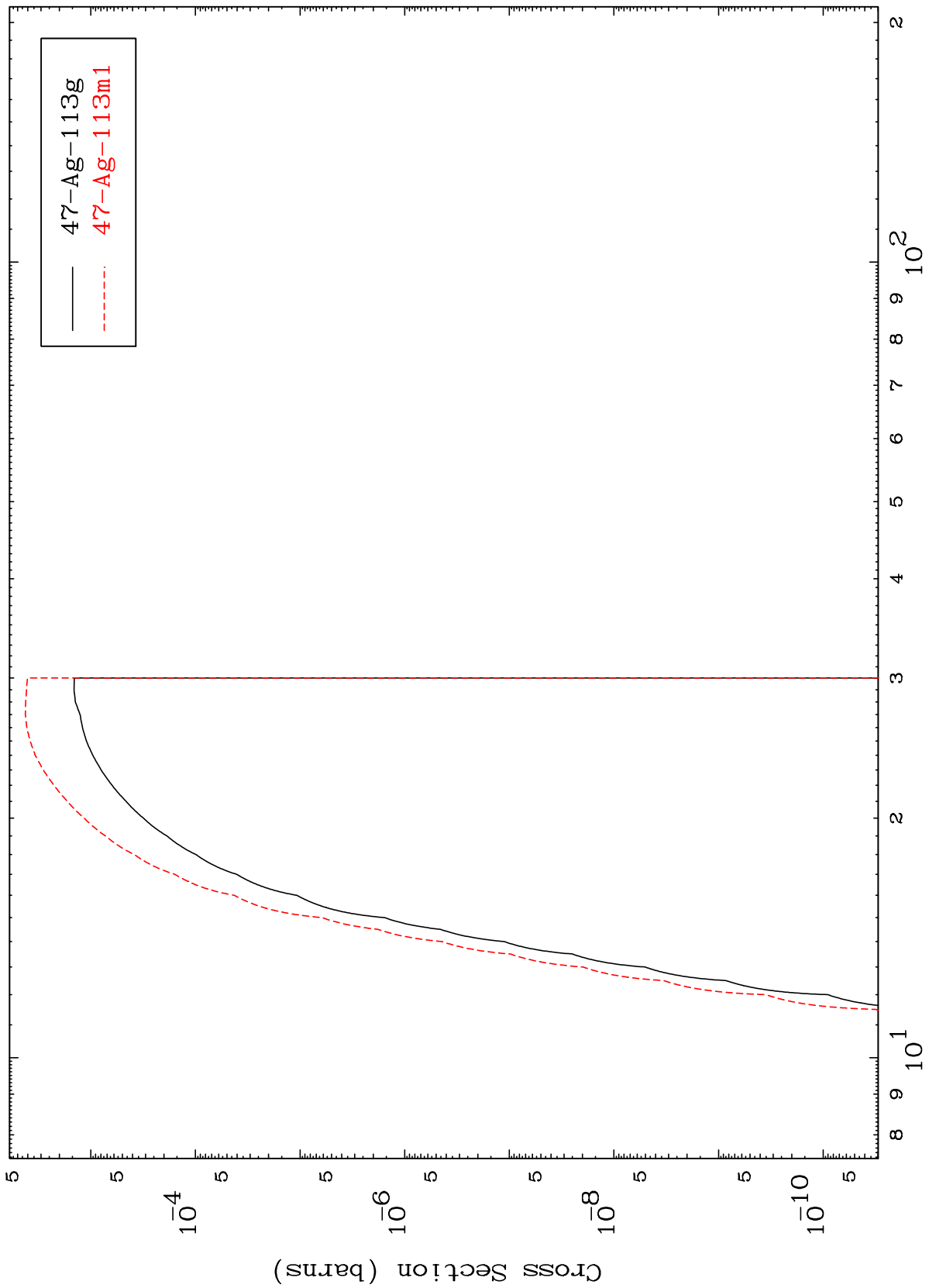
(n,p)  
Radionuclide Production Cross Section



MAT 4853

48-Cd-115

(n,t)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

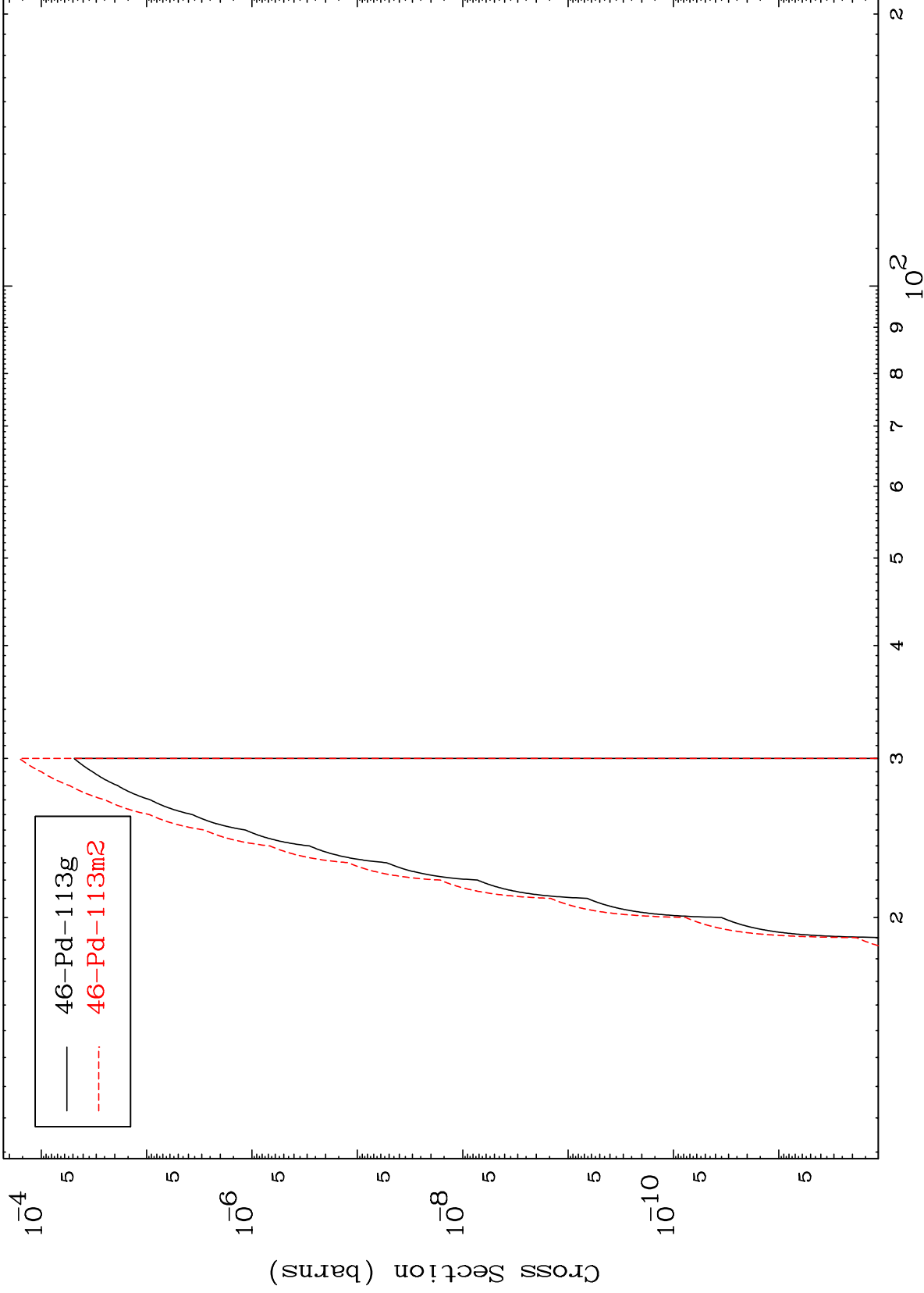
48-Cd-115

MAT 4853

(n,He-3)

48-Cd-115

Radionuclide Production Cross Section



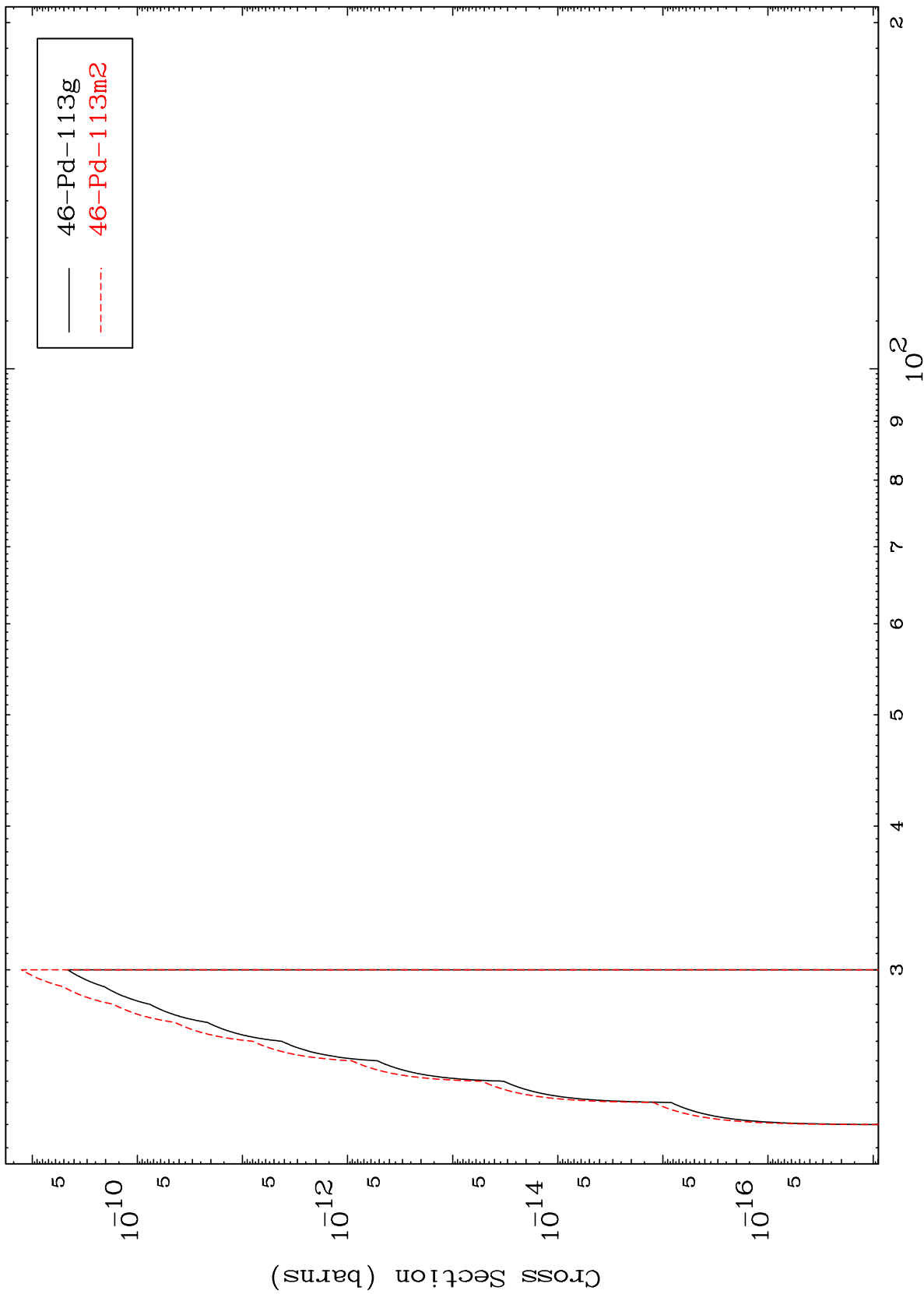
46-Pd-113g  
46-Pd-113m2

MAT 4853

(n,p) d

48-Cd-115

Radionuclide Production Cross Section



29

Incident Energy (MeV)

48-Cd-115