

Program EVALPLOT
(Version 2021-1)

by

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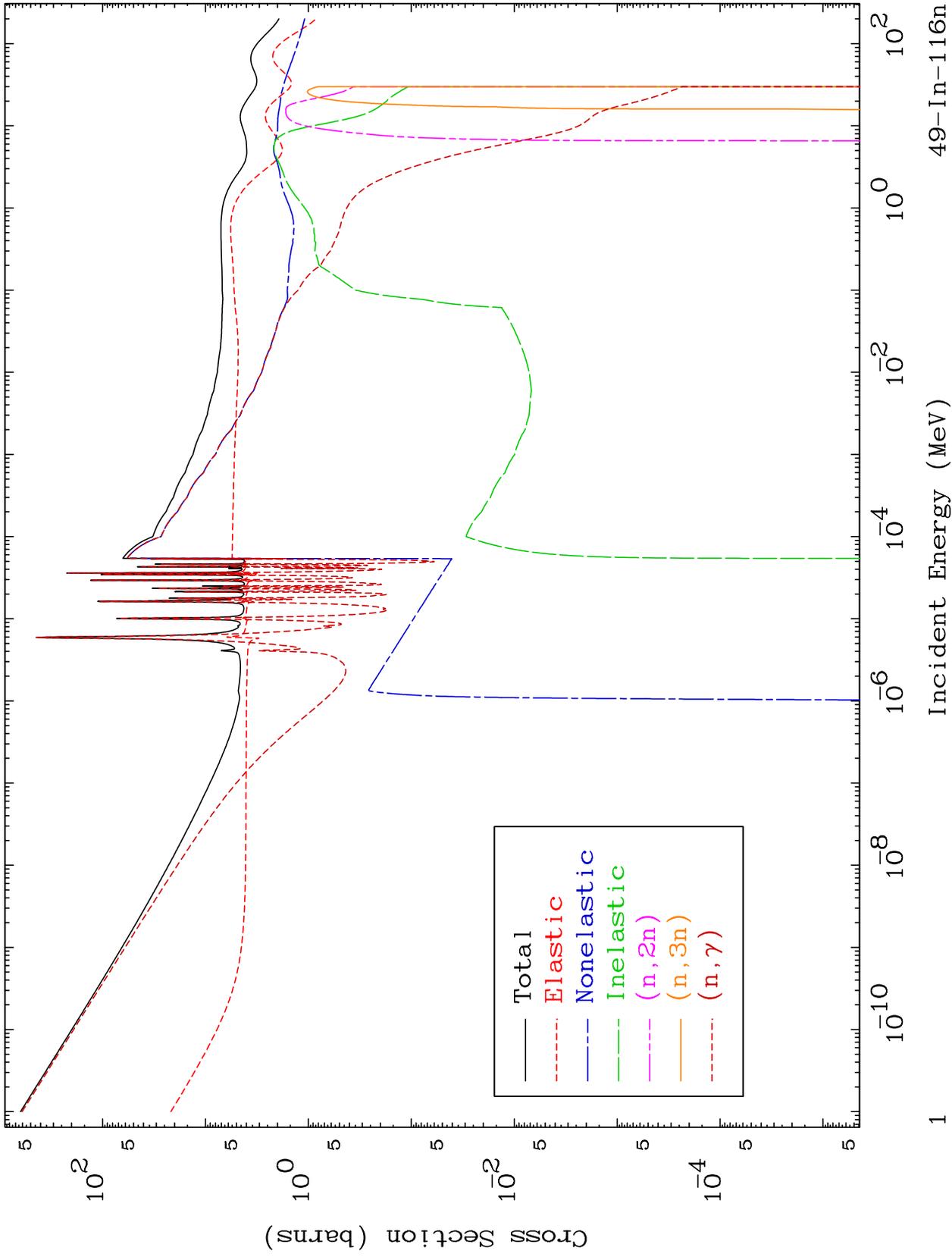
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Press Mouse Button to Start

MAT 4936

Neutron Major
293 Kelvins Cross Sections

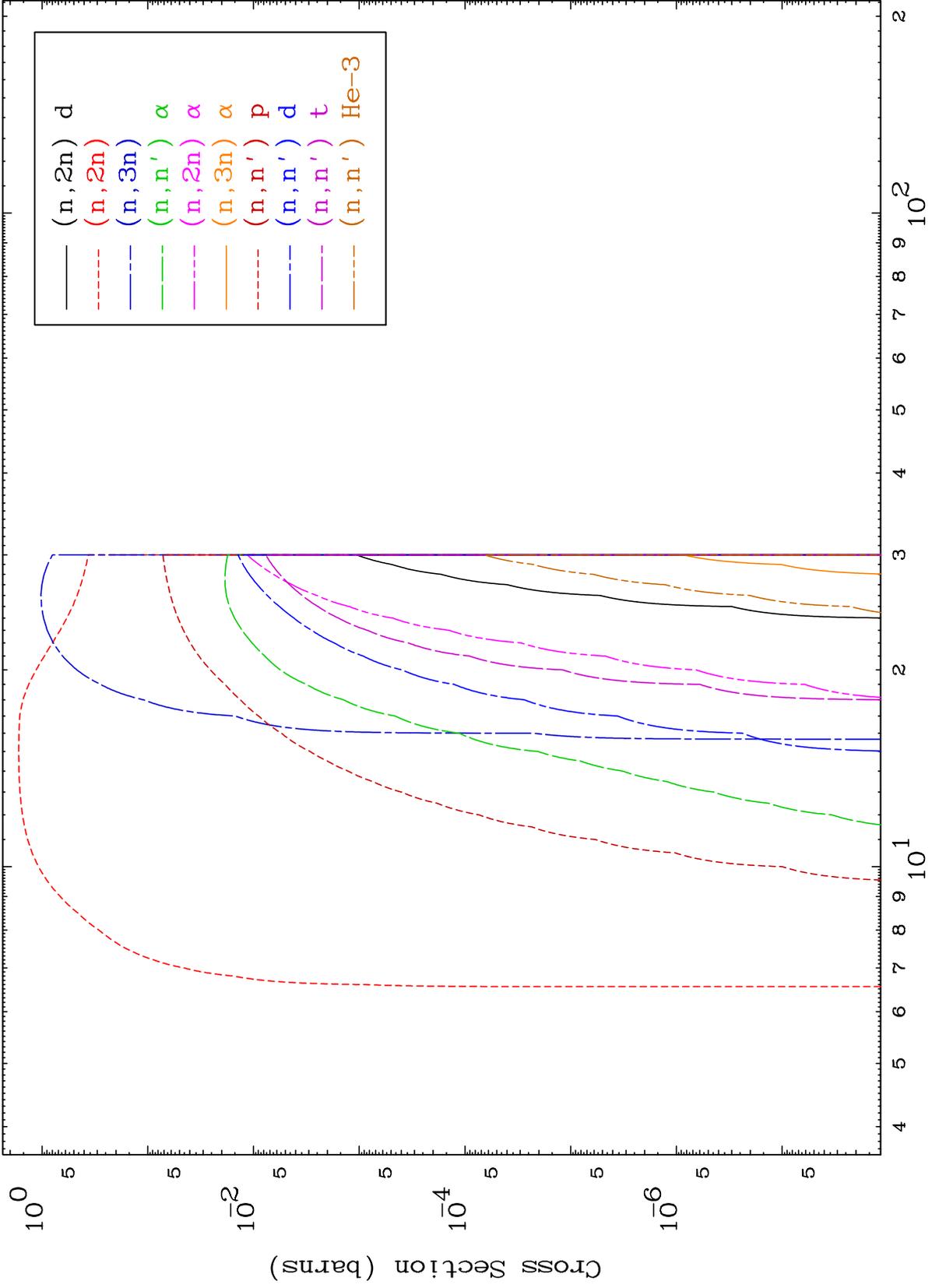
49-In-116n



MAT 4936

Neutron Absorption
293 Kelvin Cross Sections

49-In-116n



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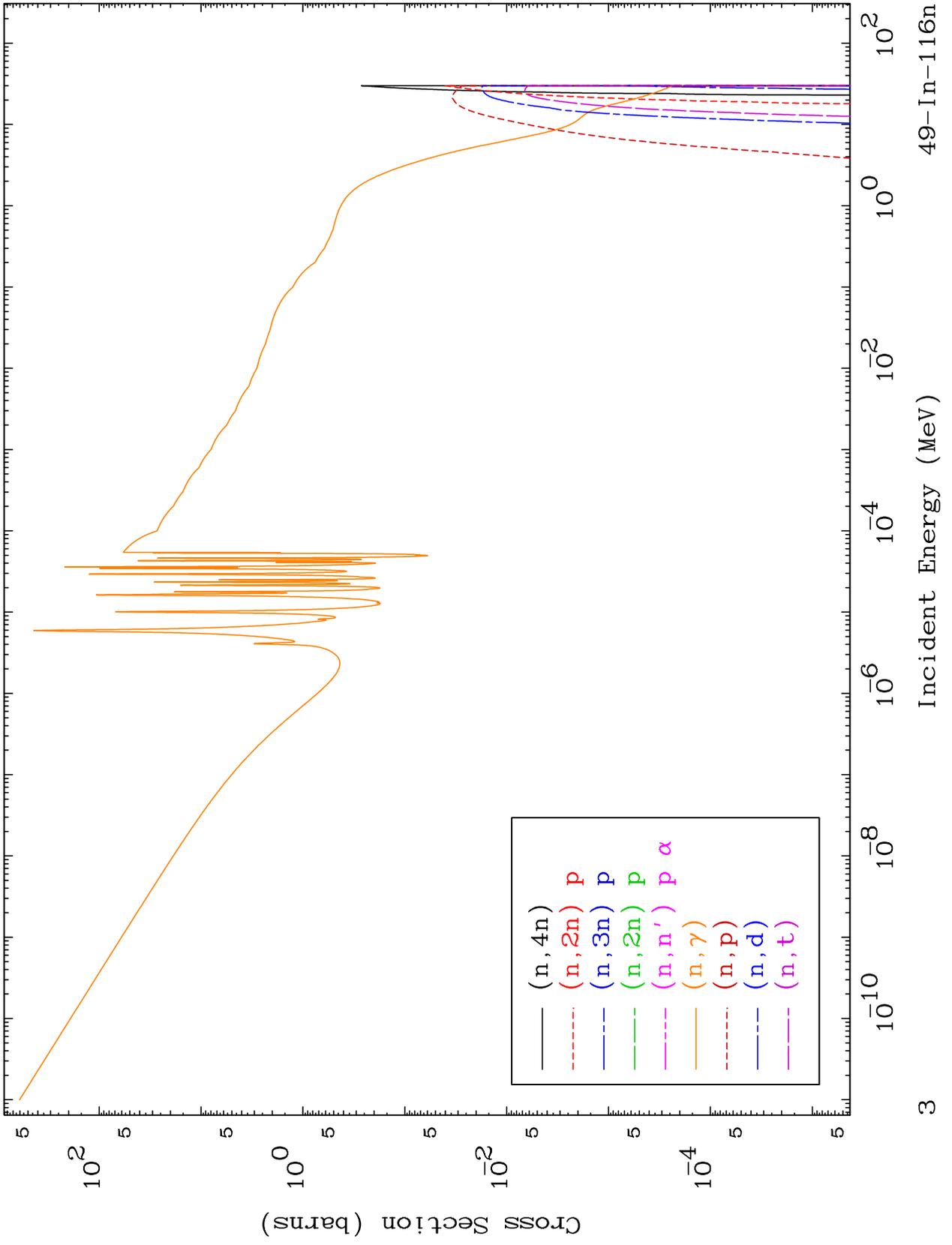
Incident Energy (MeV)

49-In-116n

MAT 4936

Neutron Absorption
293 Kelvin Cross Sections

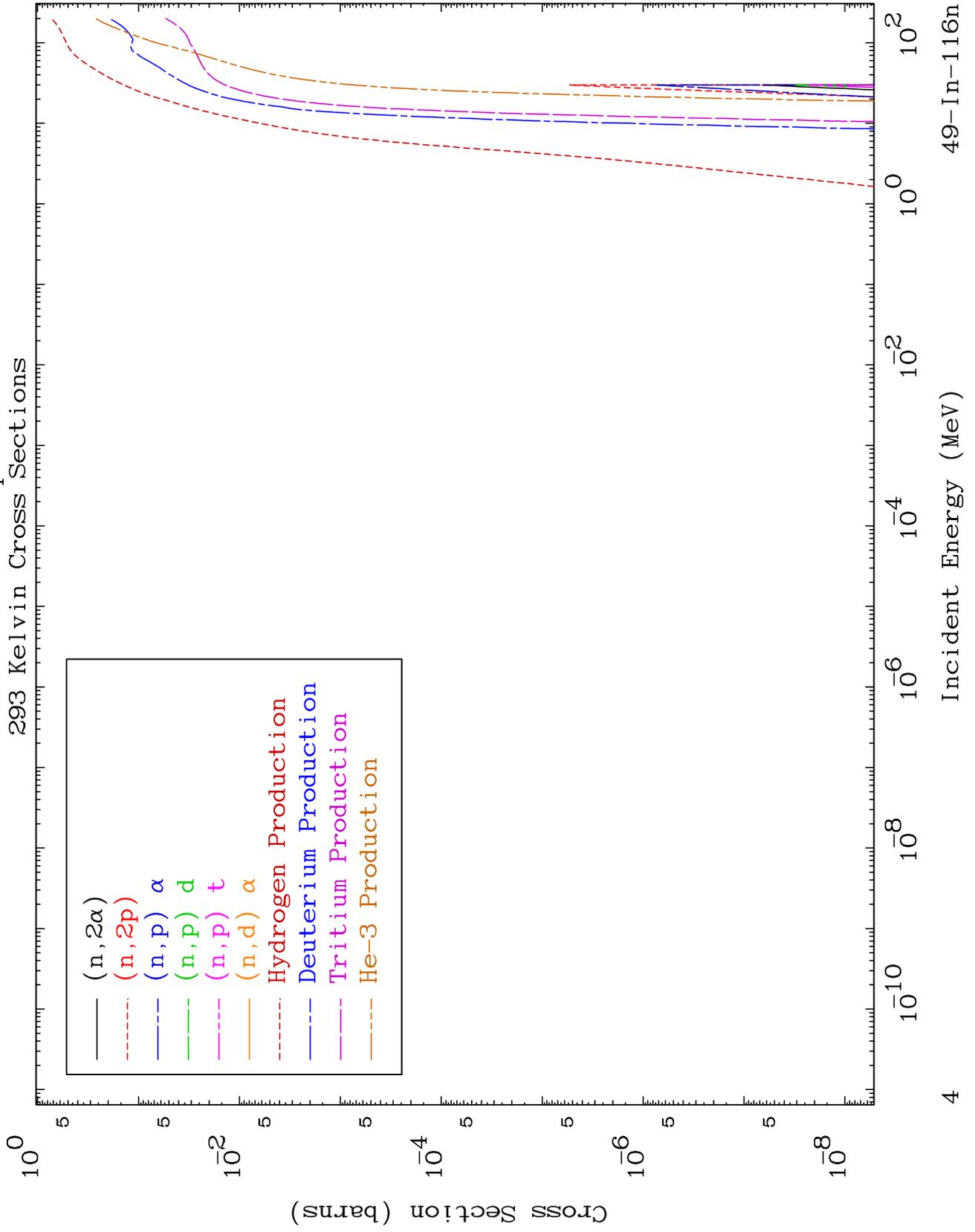
49-In-116n



MAT 4936

Neutron Absorption
293 Kelvin Cross Sections

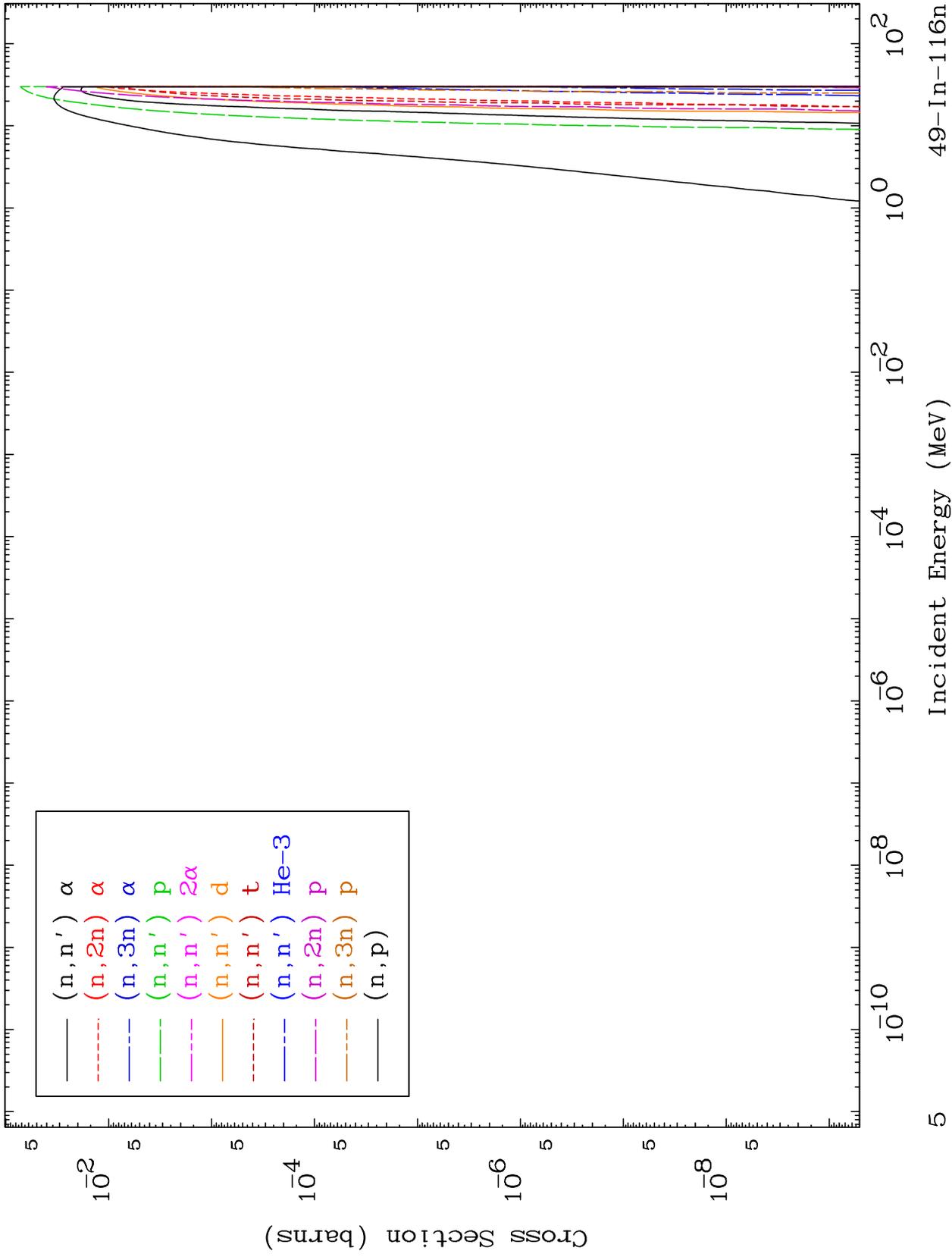
49-In-116n



MAT 4936

Charged Particle
293 Kelvin Cross Sections

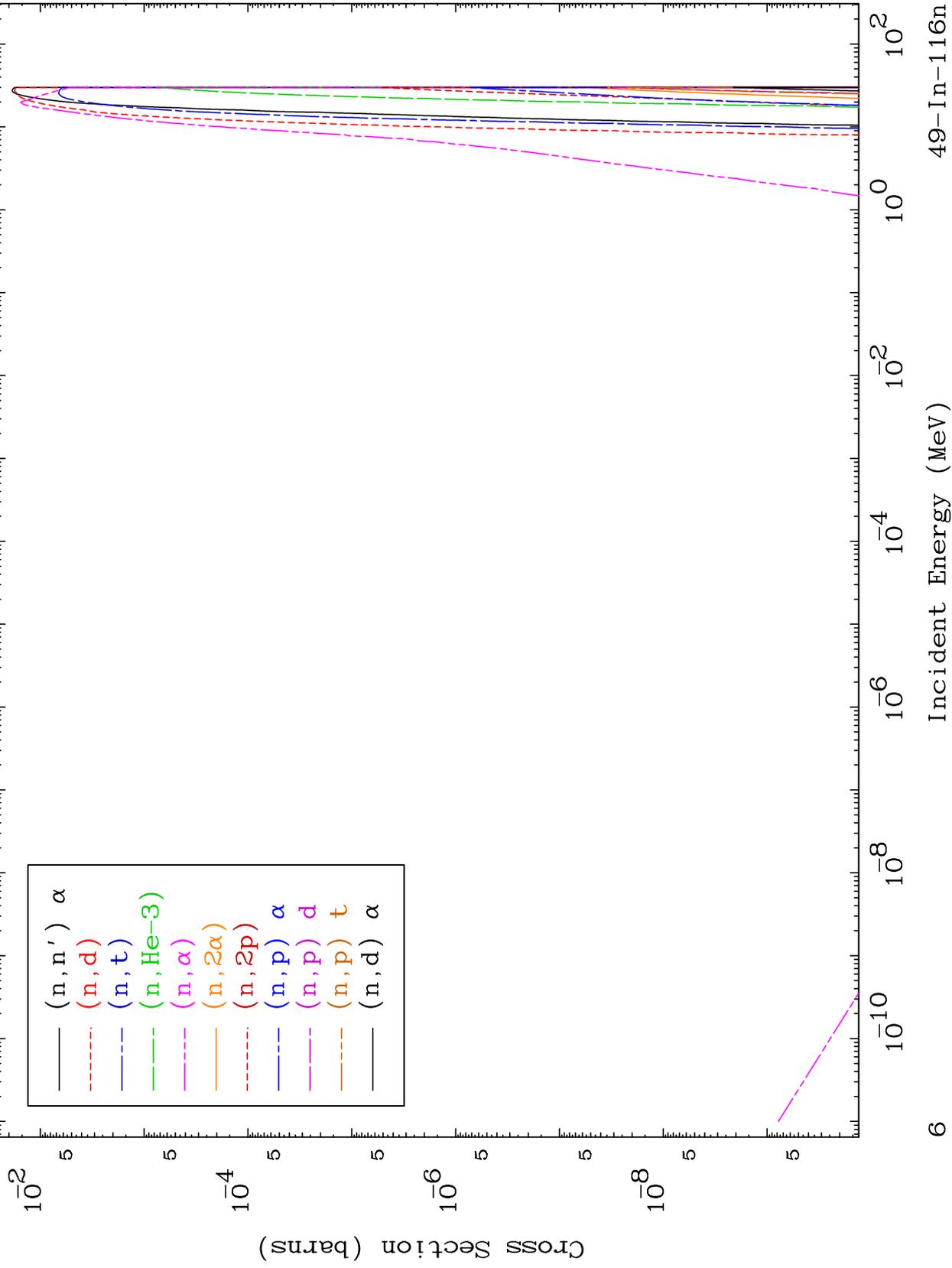
49-In-116n



MAT 4936

Charged Particle
293 Kelvin Cross Sections

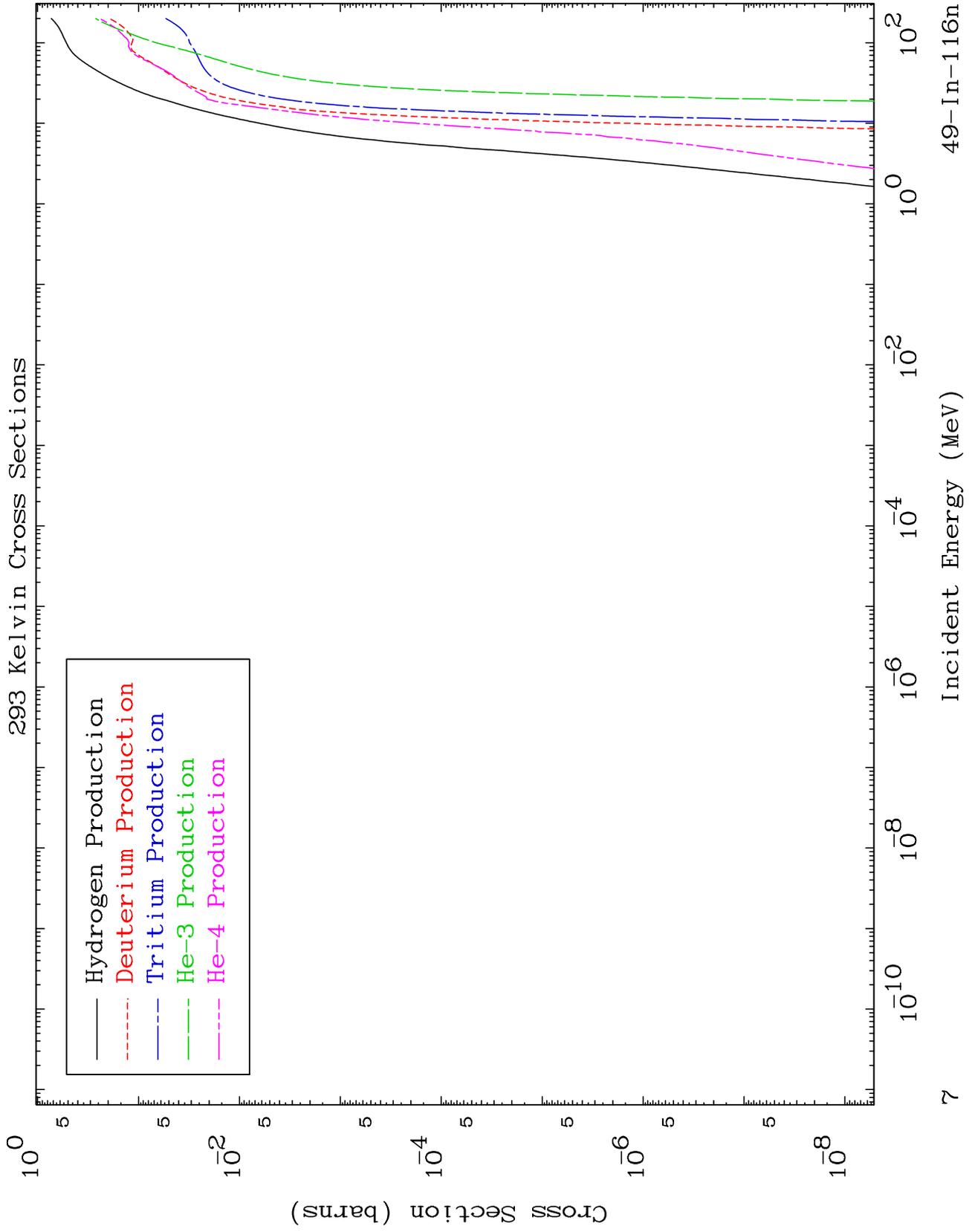
49-In-116n



MAT 4936

Particle Production
293 Kelvin Cross Sections

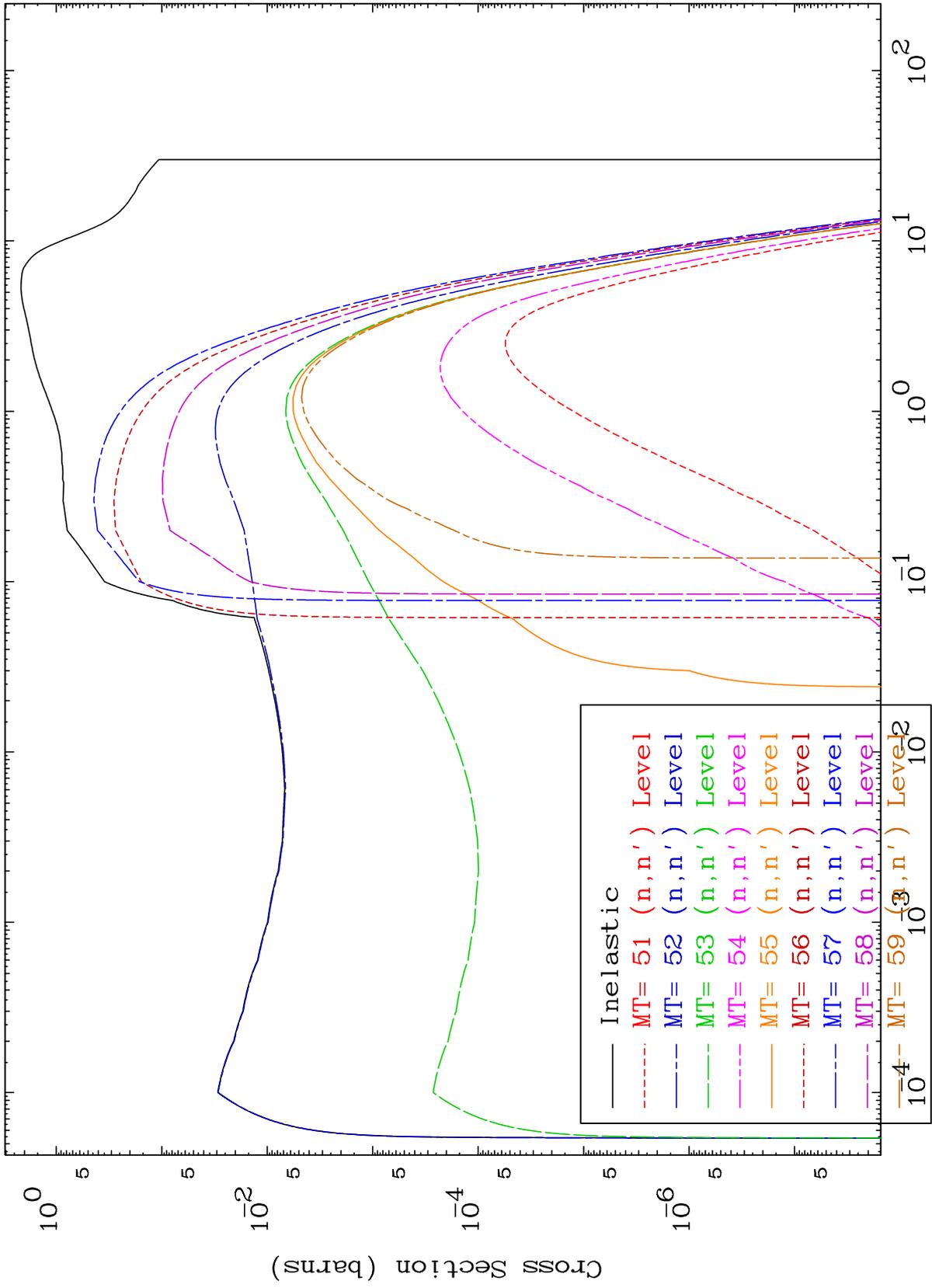
49-In-116n



MAT 4936

(n,n') Levels
293 Kelvin Cross Sections

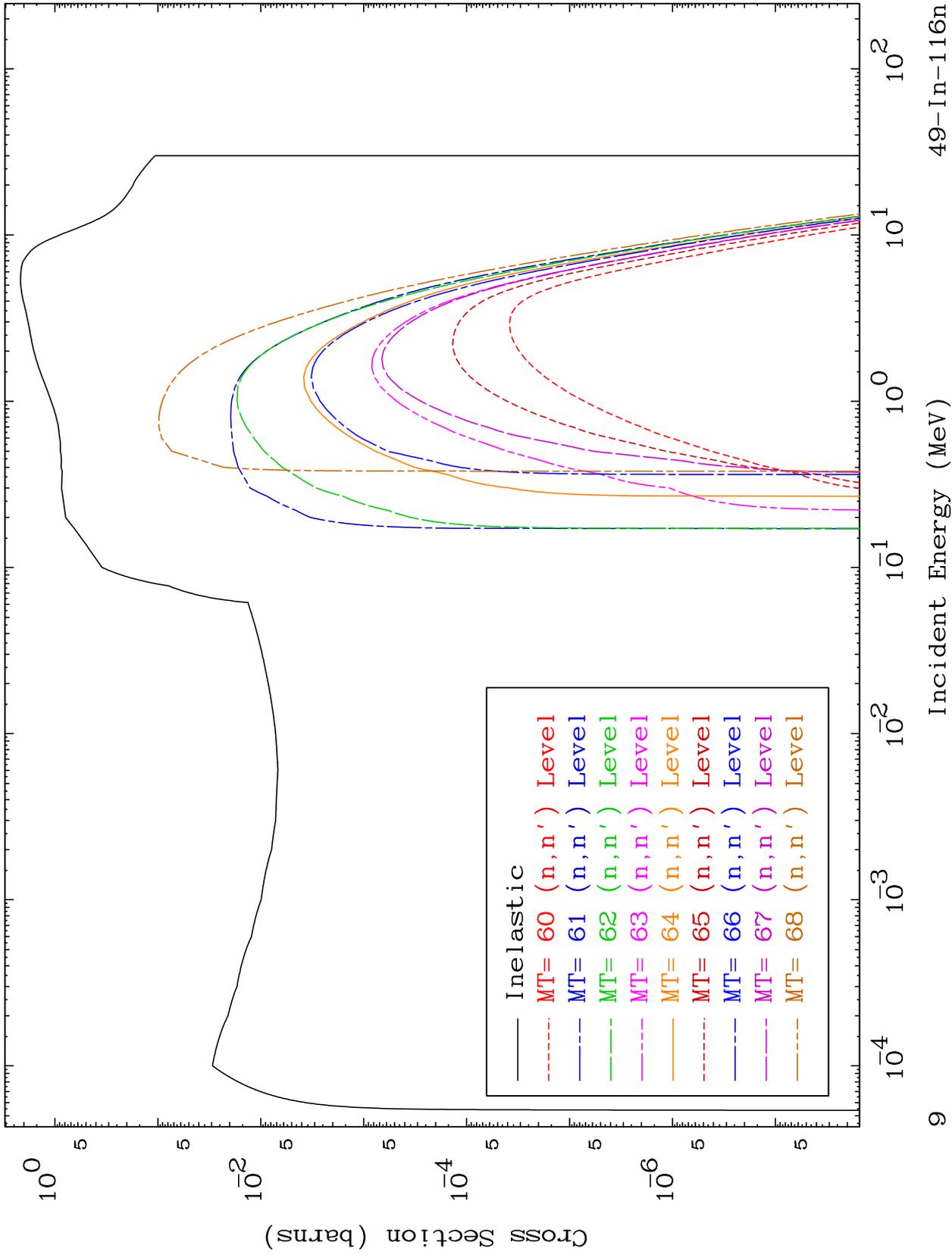
49-In-116n



MAT 4936

(n,n') Levels
293 Kelvin Cross Sections

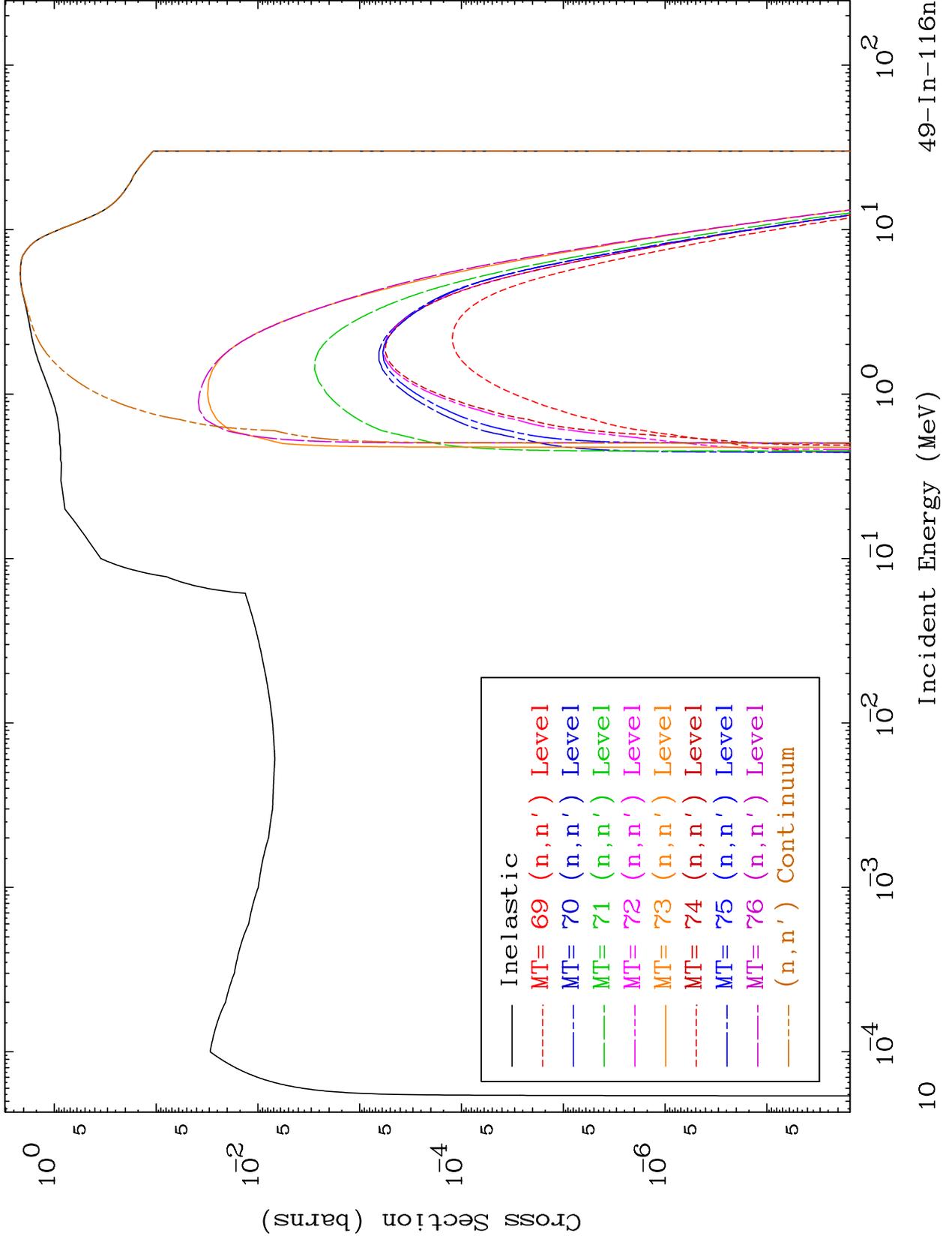
49-In-116n



MAT 4936

(n,n') Levels
293 Kelvin Cross Sections

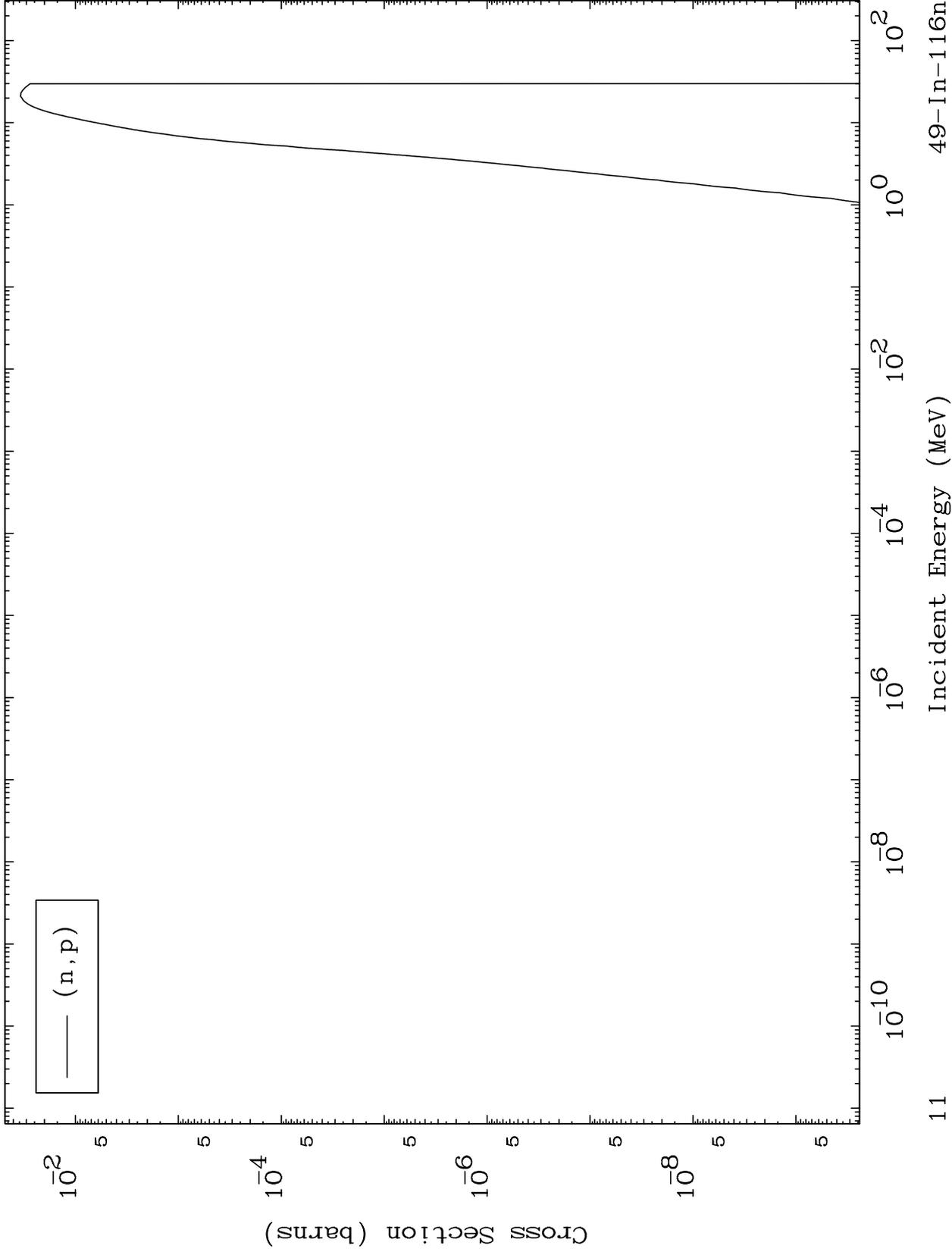
49-In-116n



MAT 4936

(n,p) Levels
293 Kelvin Cross Sections

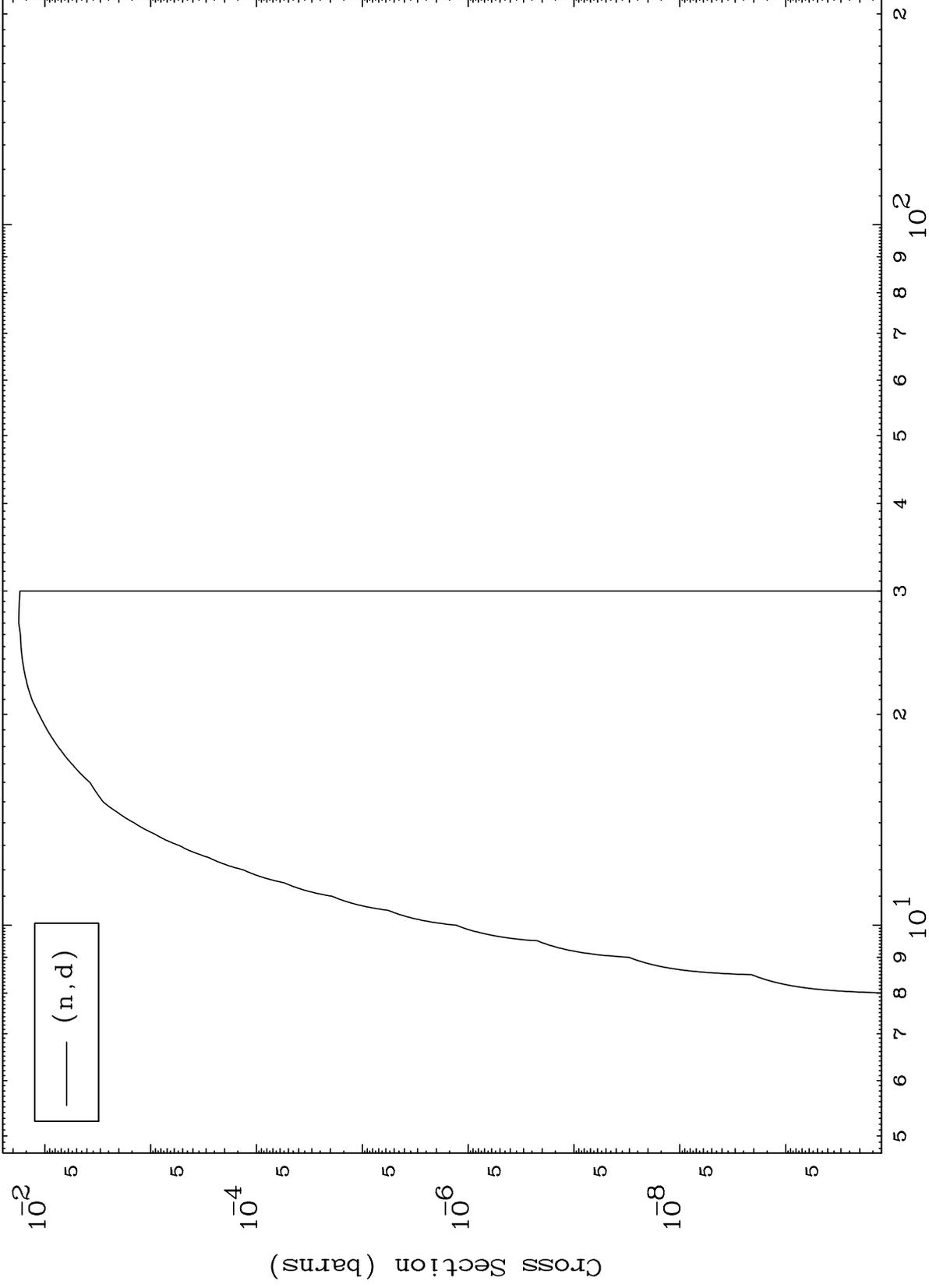
49-In-116n



MAT 4936

(n,d) Levels
293 Kelvin Cross Sections

49-In-116n



12

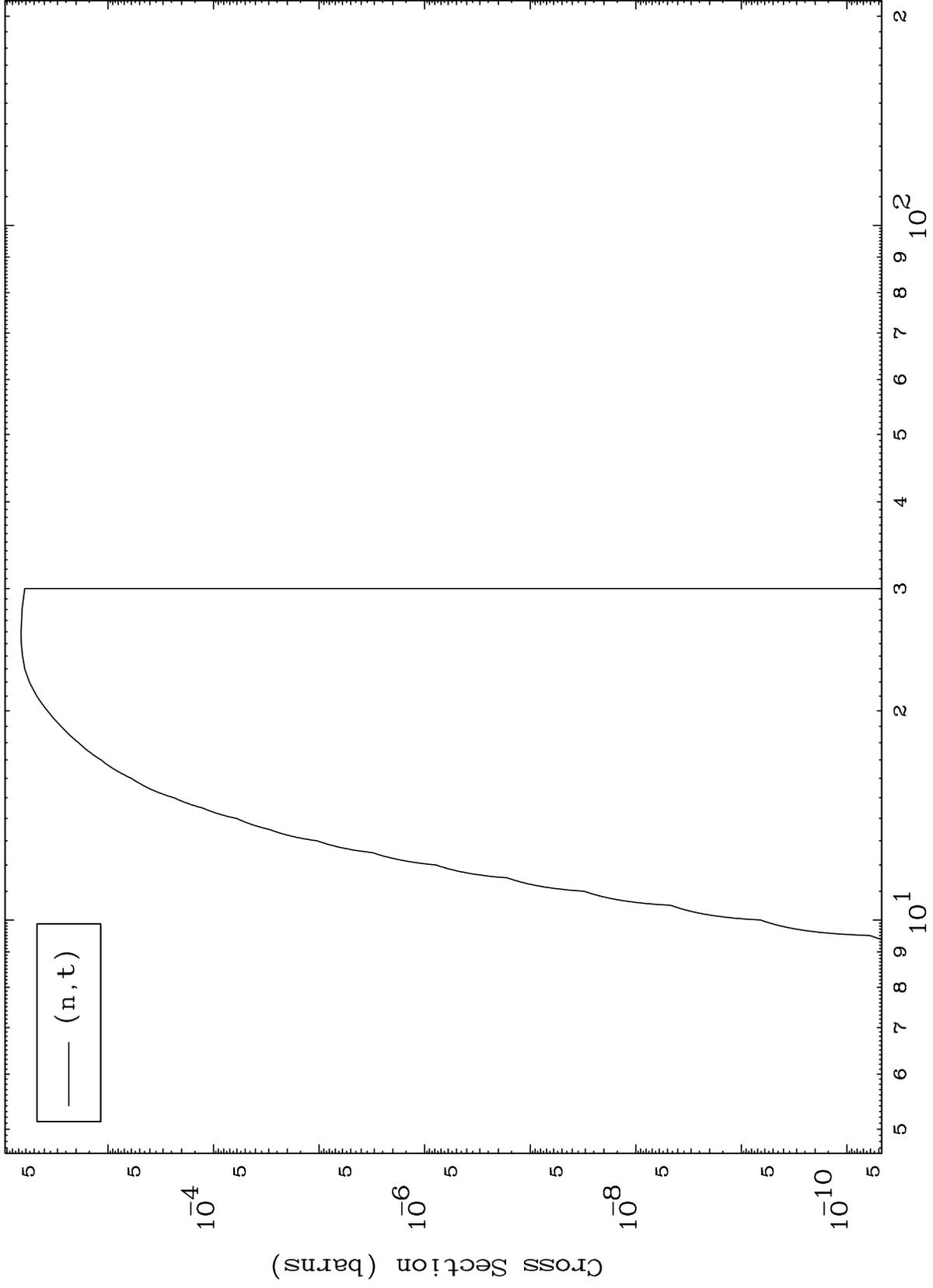
Incident Energy (MeV)

49-In-116n

MAT 4936

(n,t) Levels
293 Kelvin Cross Sections

49-In-116n



13

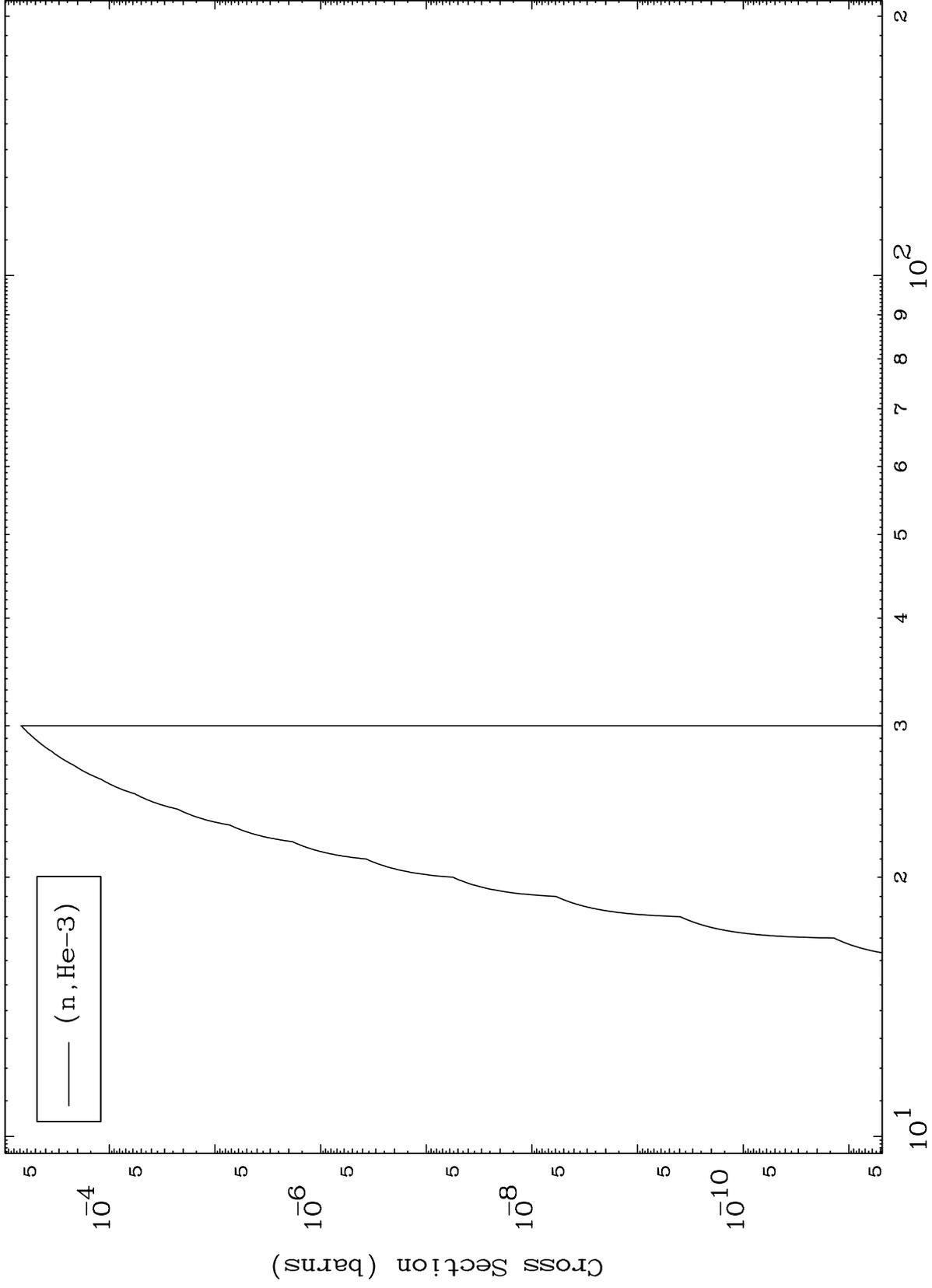
Incident Energy (MeV)

49-In-116n

MAT 4936

(n,He3) Levels
293 Kelvin Cross Sections

49-In-116n



14

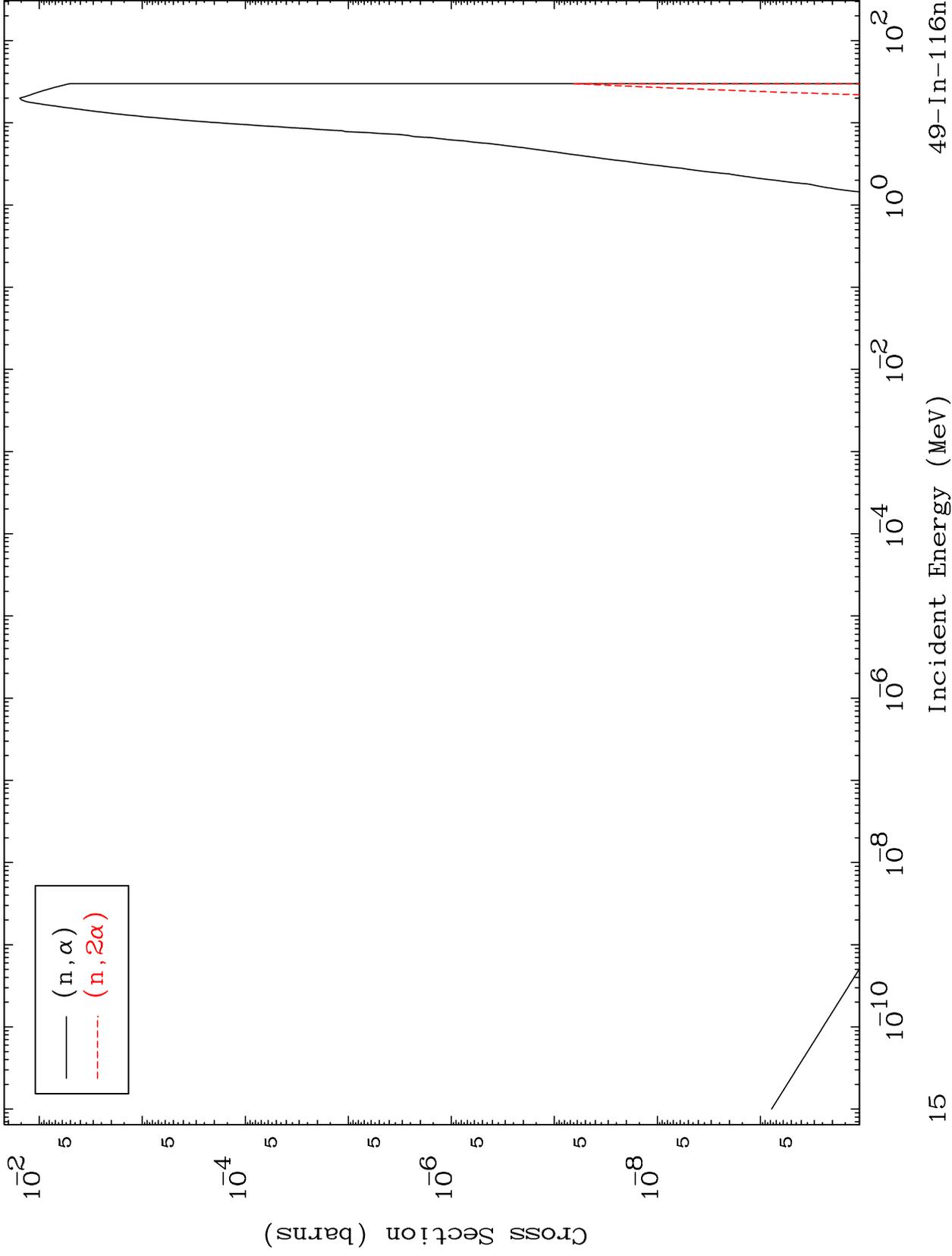
Incident Energy (MeV)

49-In-116n

MAT 4936

(n, α) Levels
293 Kelvin Cross Sections

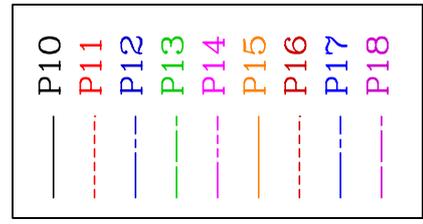
49-In-116n



MAT 4936

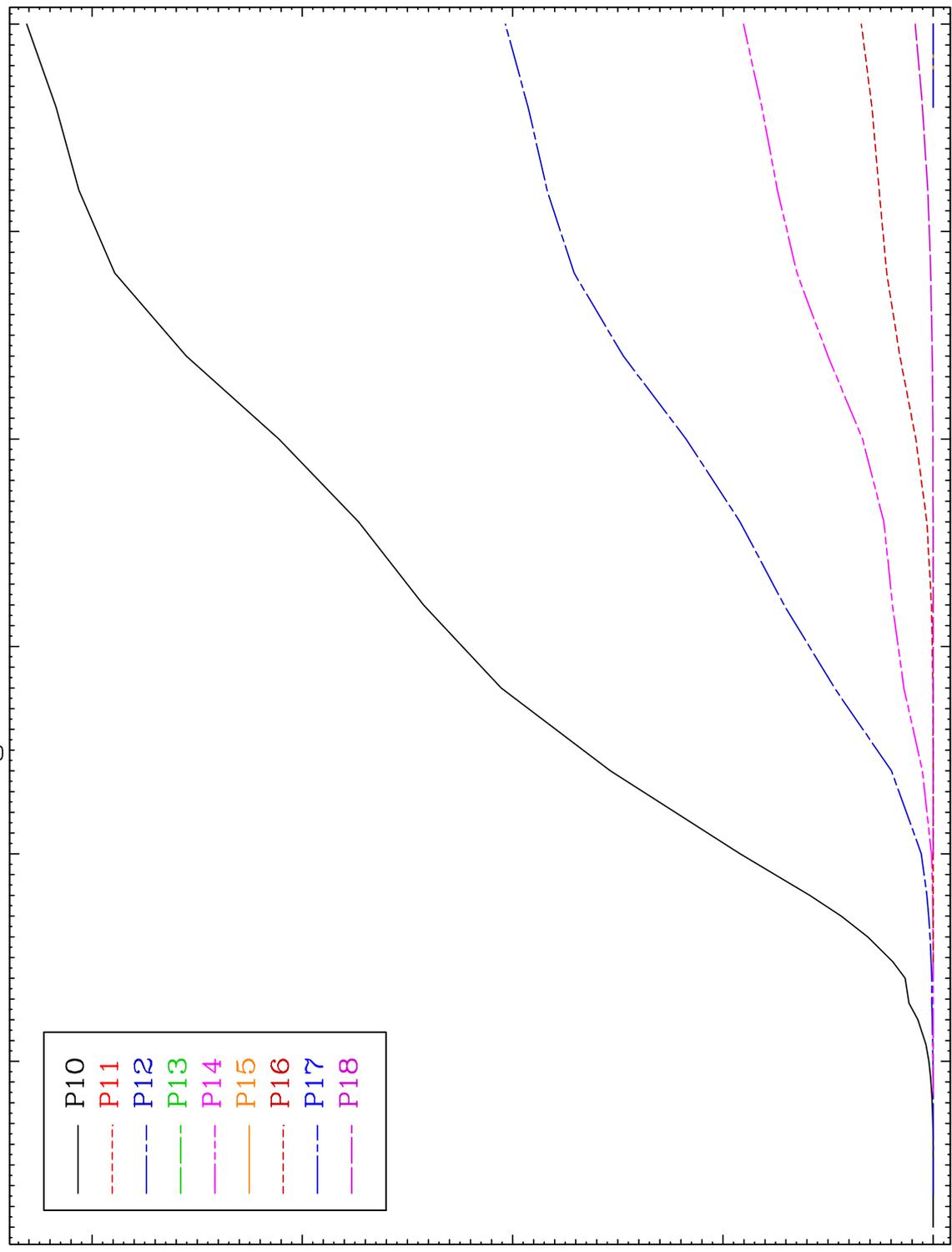
Elastic Legendre Coefficients

49-In-116n



$\times 10^{-4}$

Legendre (CM)



17

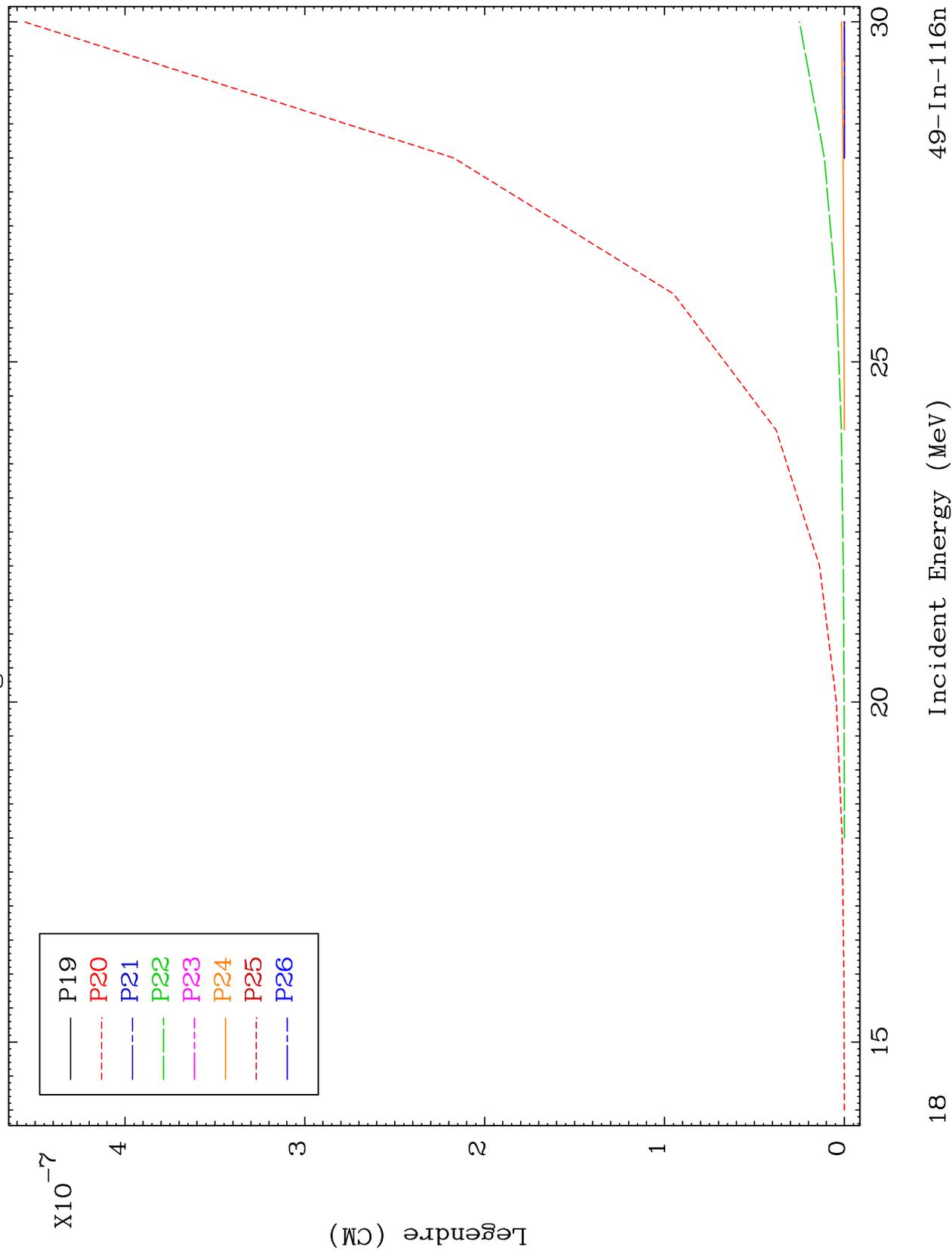
Incident Energy (MeV)

49-In-116n

MAT 4936

Elastic Legendre Coefficients

49-In-116n

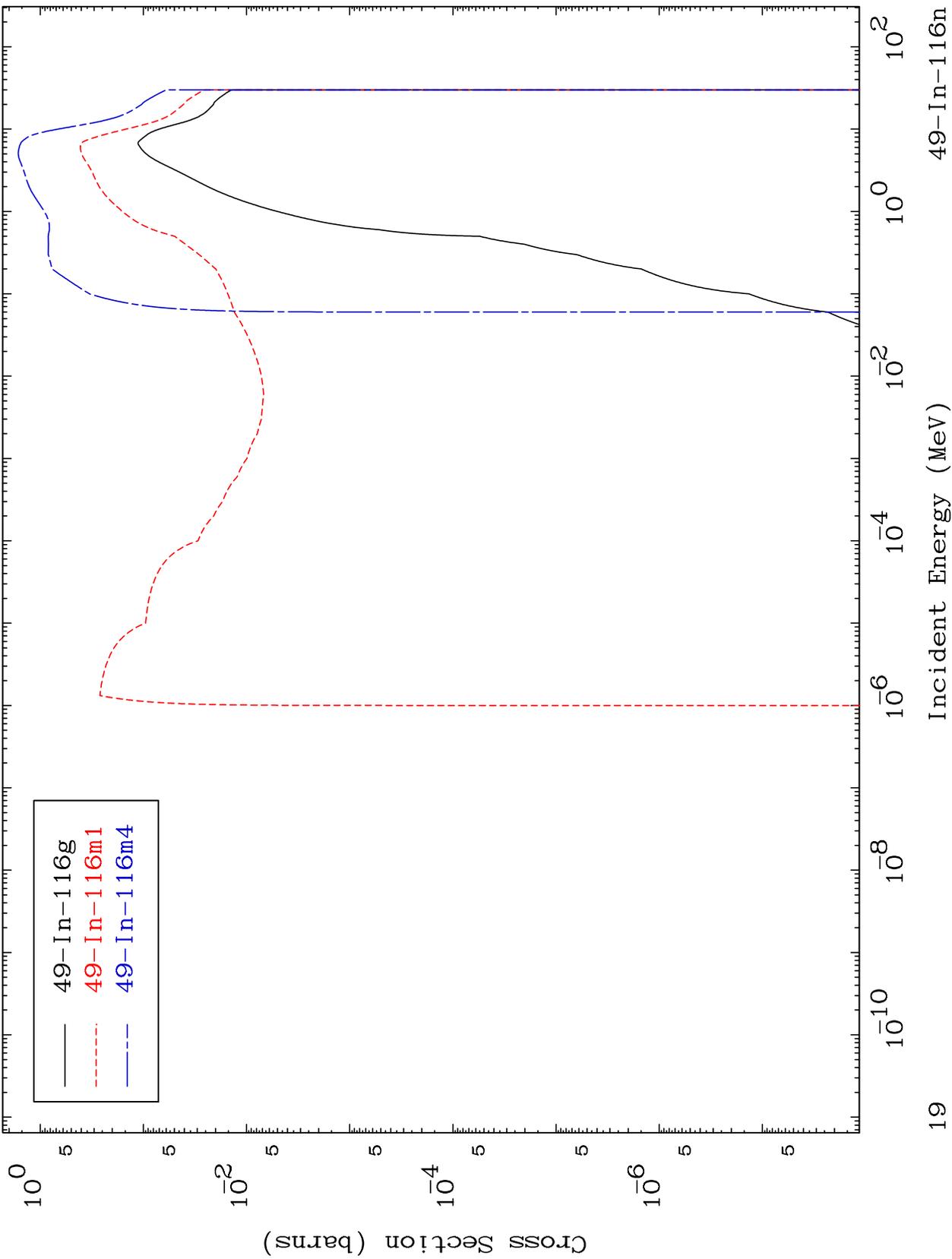


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MAT 4936

49-In-116n

Inelastic
Radionuclide Production Cross Section



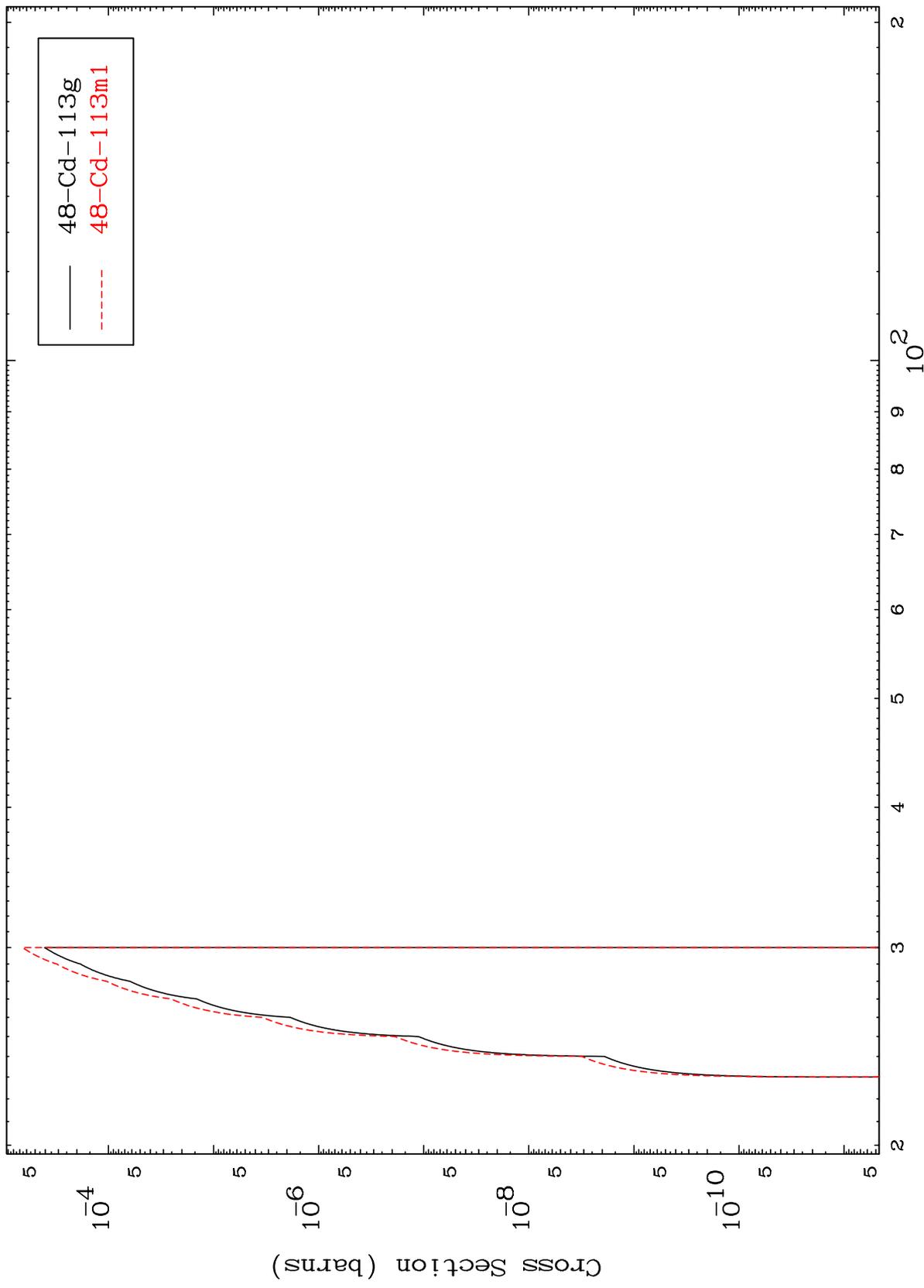
49-In-116g
49-In-116m1
49-In-116m4

MAT 4936

(n,2n) d

49-In-116n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

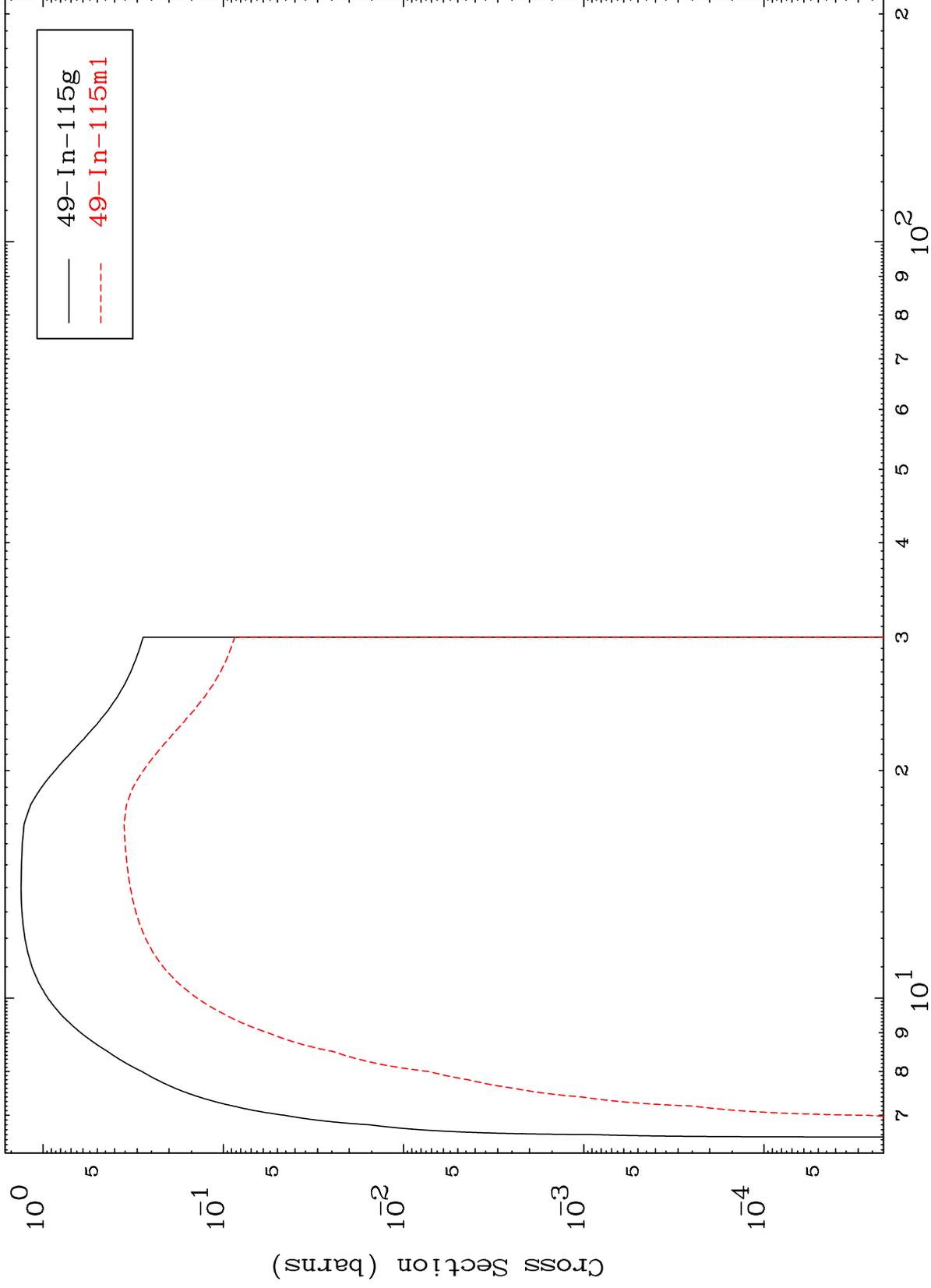
49-In-116n

MAT 4936

49-In-116n

(n,2n)

Radionuclide Production Cross Section



21

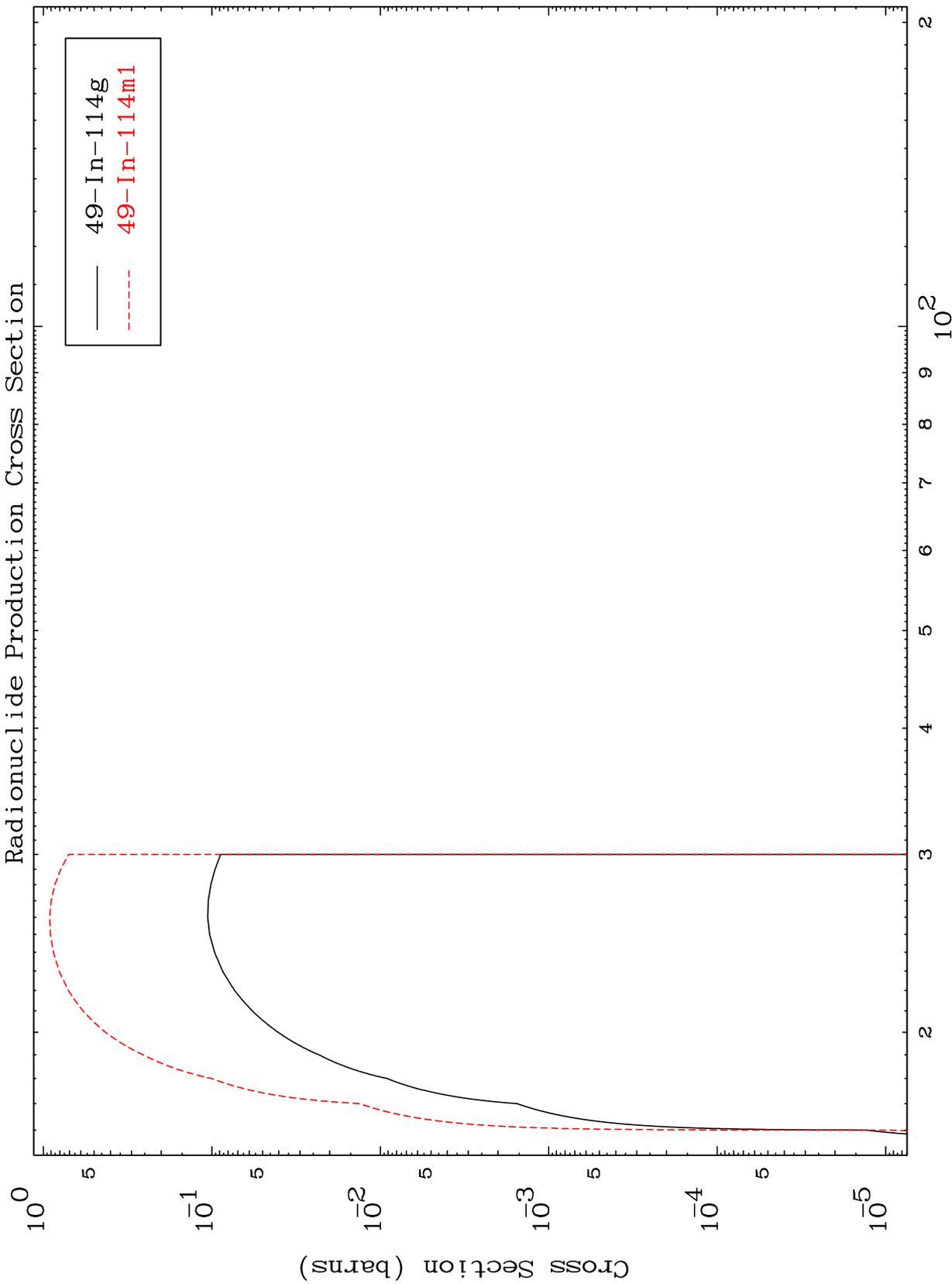
Incident Energy (MeV)

49-In-116n

MAT 4936

49-In-116n

(n,3n)
Radionuclide Production Cross Section



49-In-114g
49-In-114m1

Incident Energy (MeV)

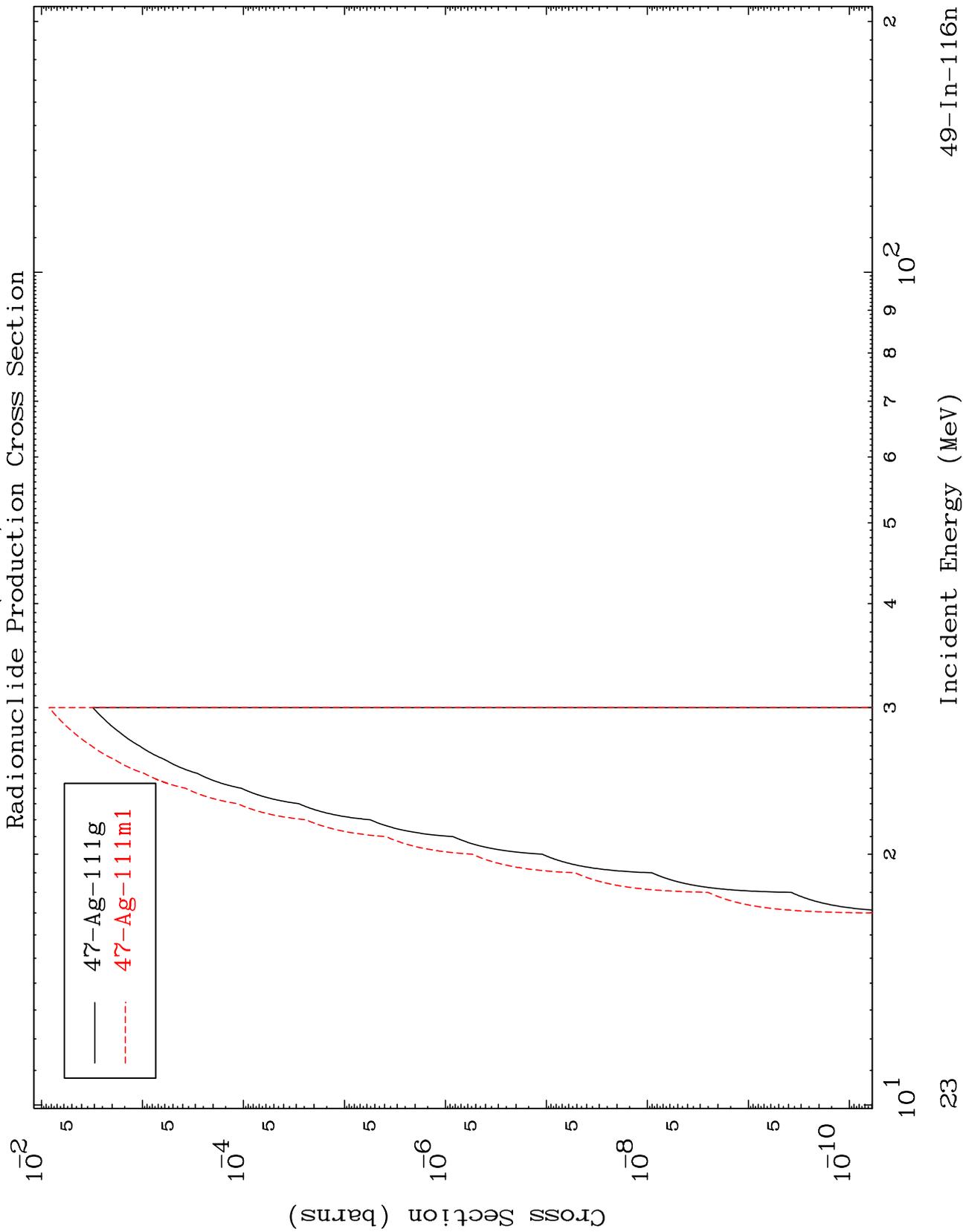
49-In-116n

22

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(n,2n) α

49-In-116n

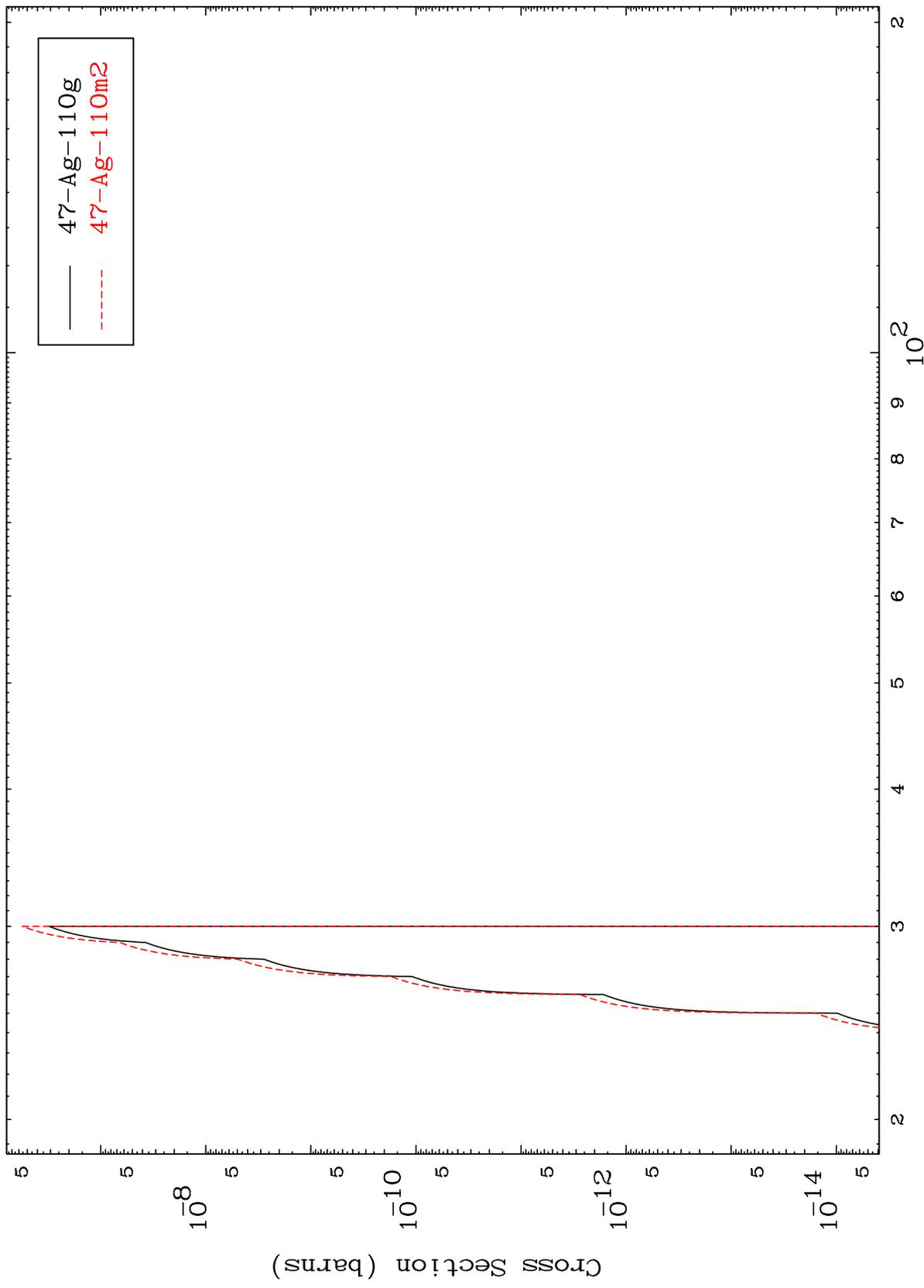


MAT 4936

(n,3n) α

49-In-116n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

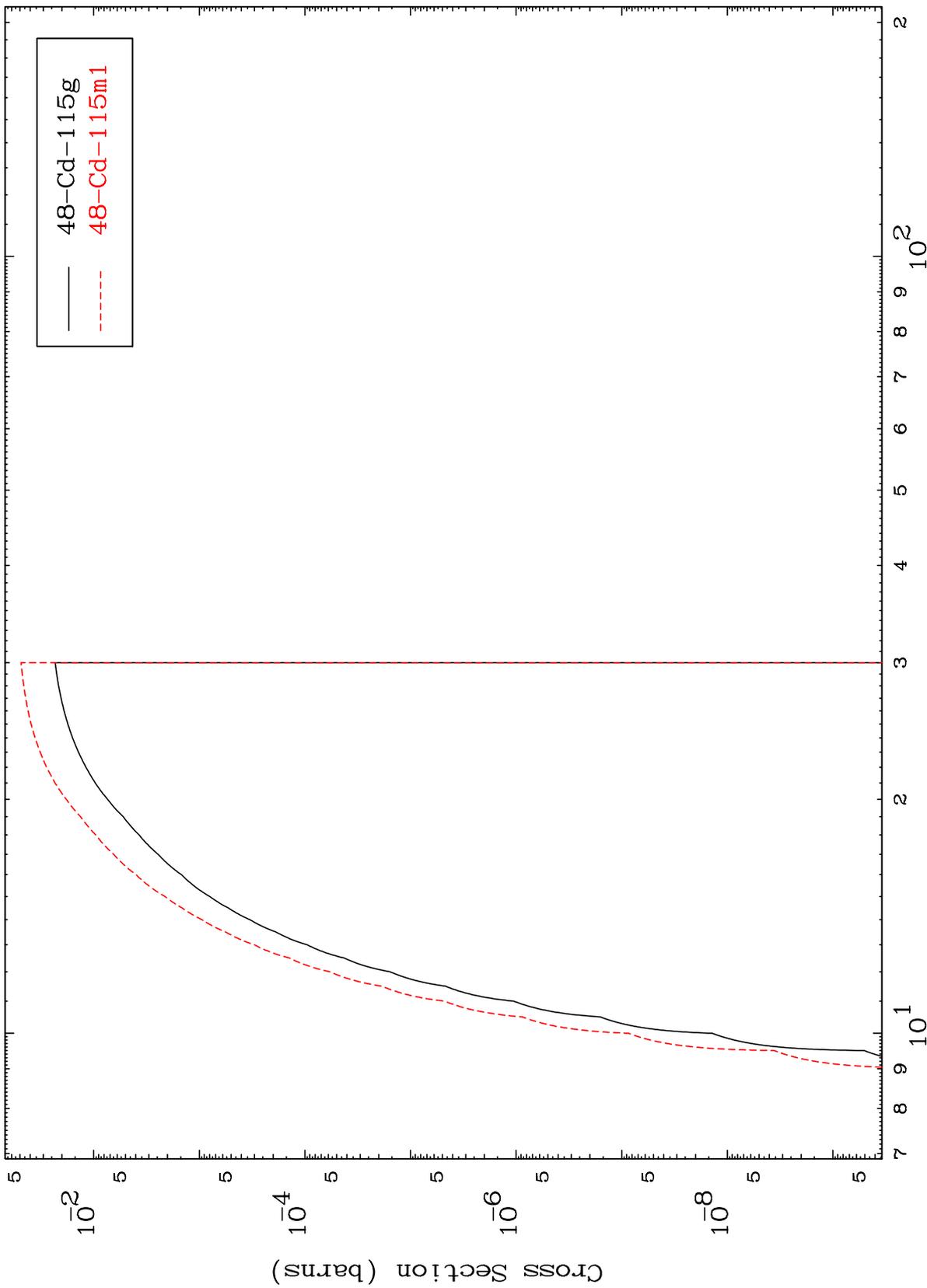
49-In-116n

MAT 4936

(n,n') p

49-In-116n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-116n

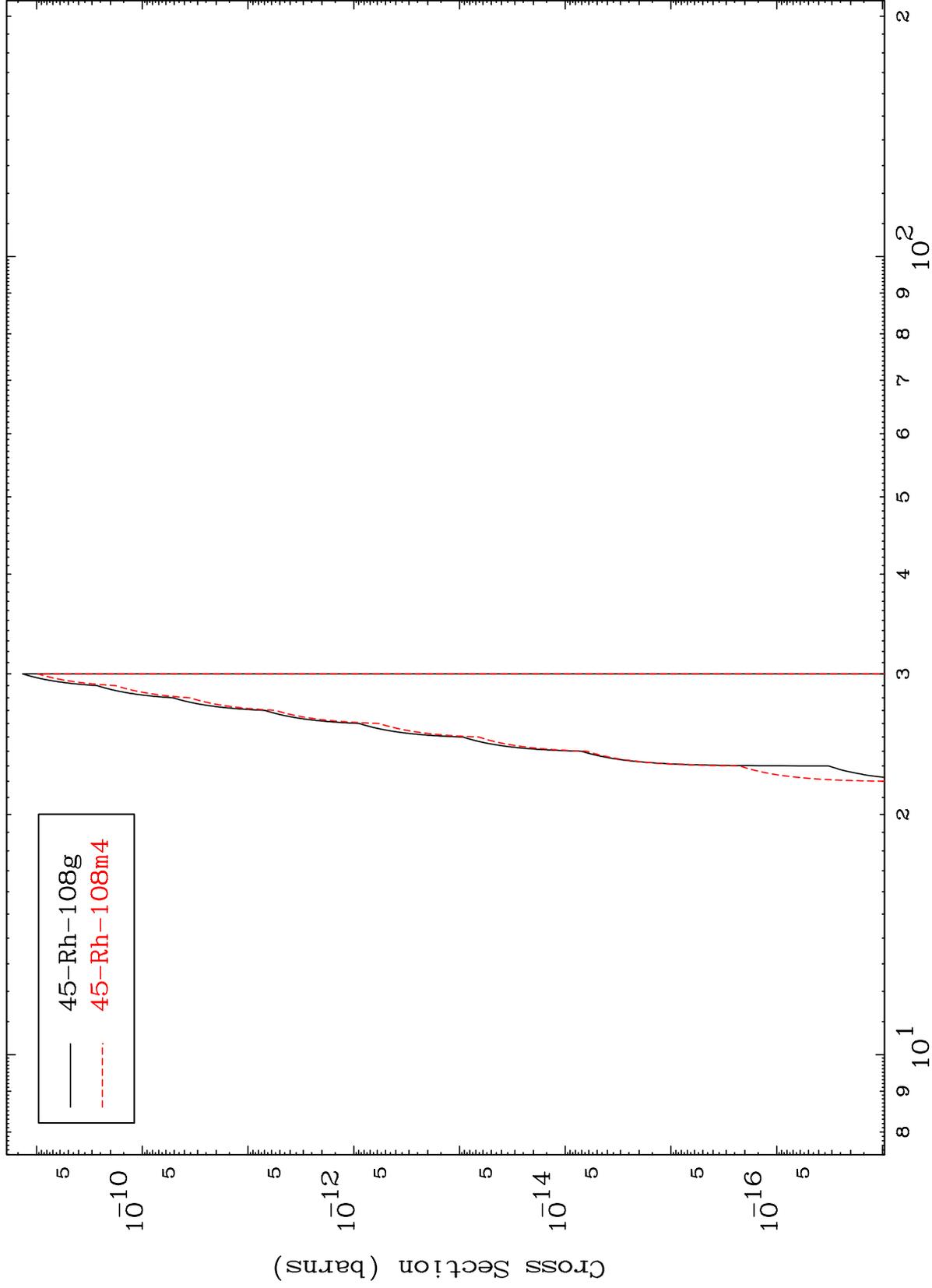
25

MAT 4936

(n,n') 2α

49-In-116n

Radionuclide Production Cross Section



26

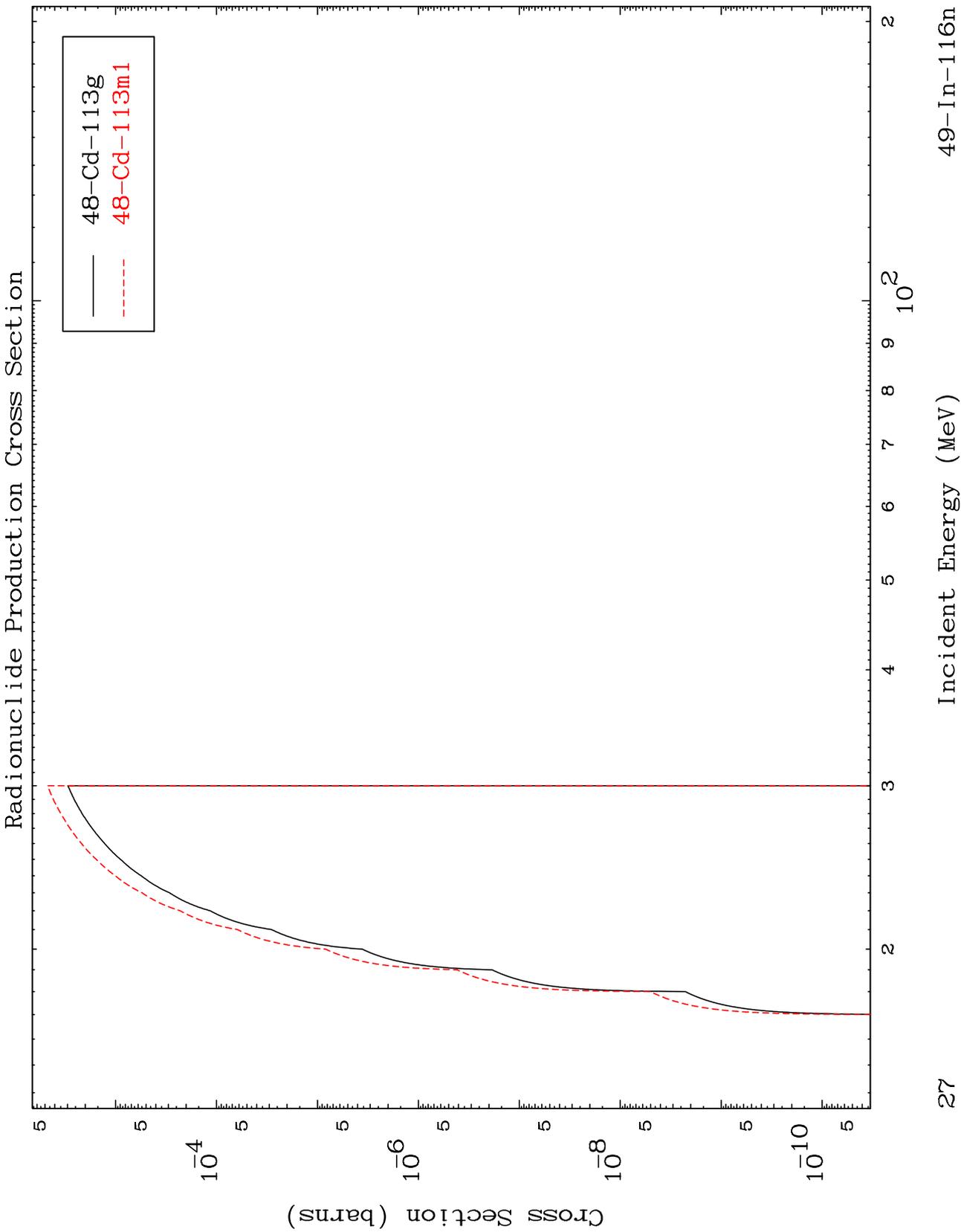
Incident Energy (MeV)

49-In-116n

MAT 4936

(n,n') t

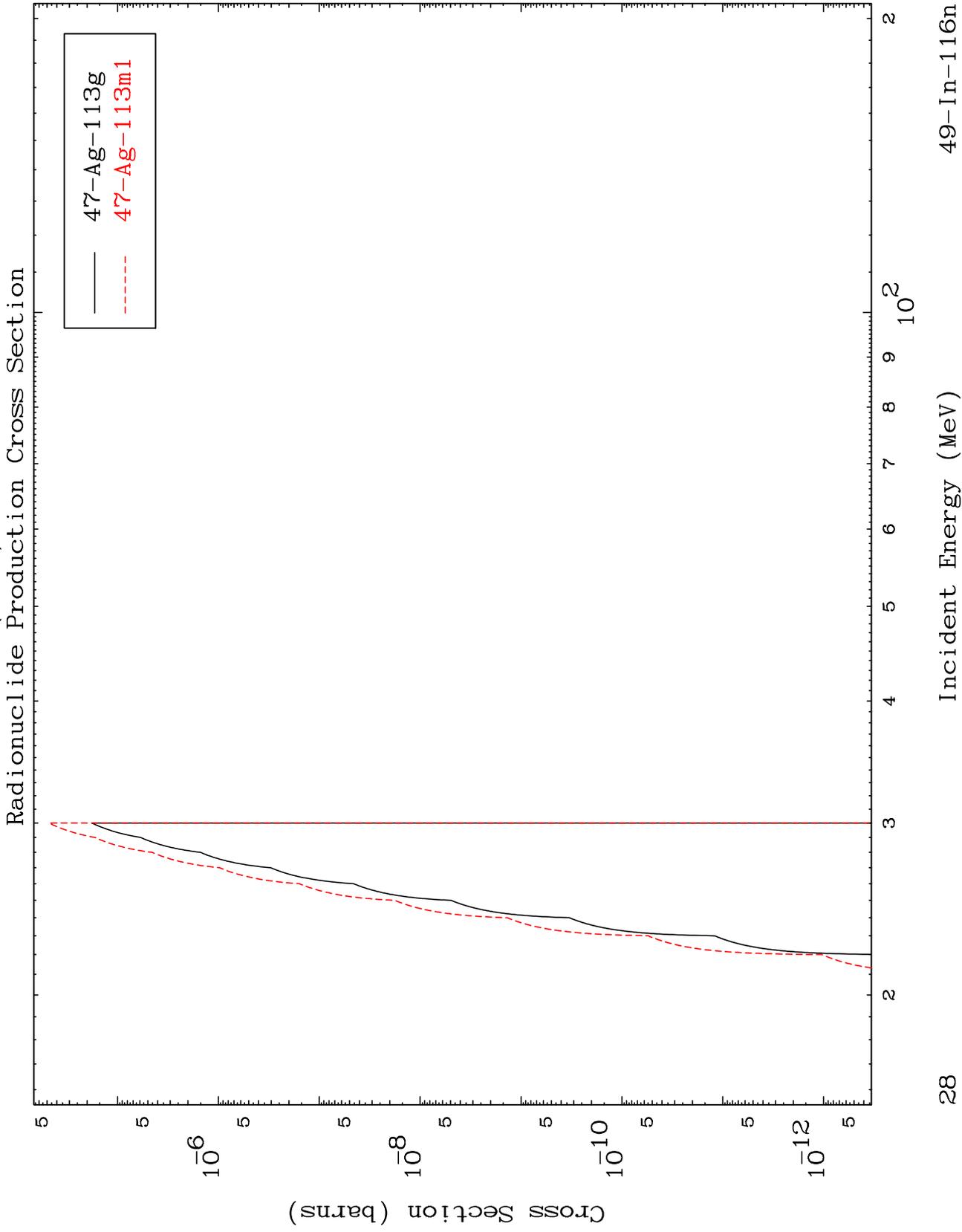
49-In-116n



MAT 4936

(n,n') He-3

49-In-116n



28

Incident Energy (MeV)

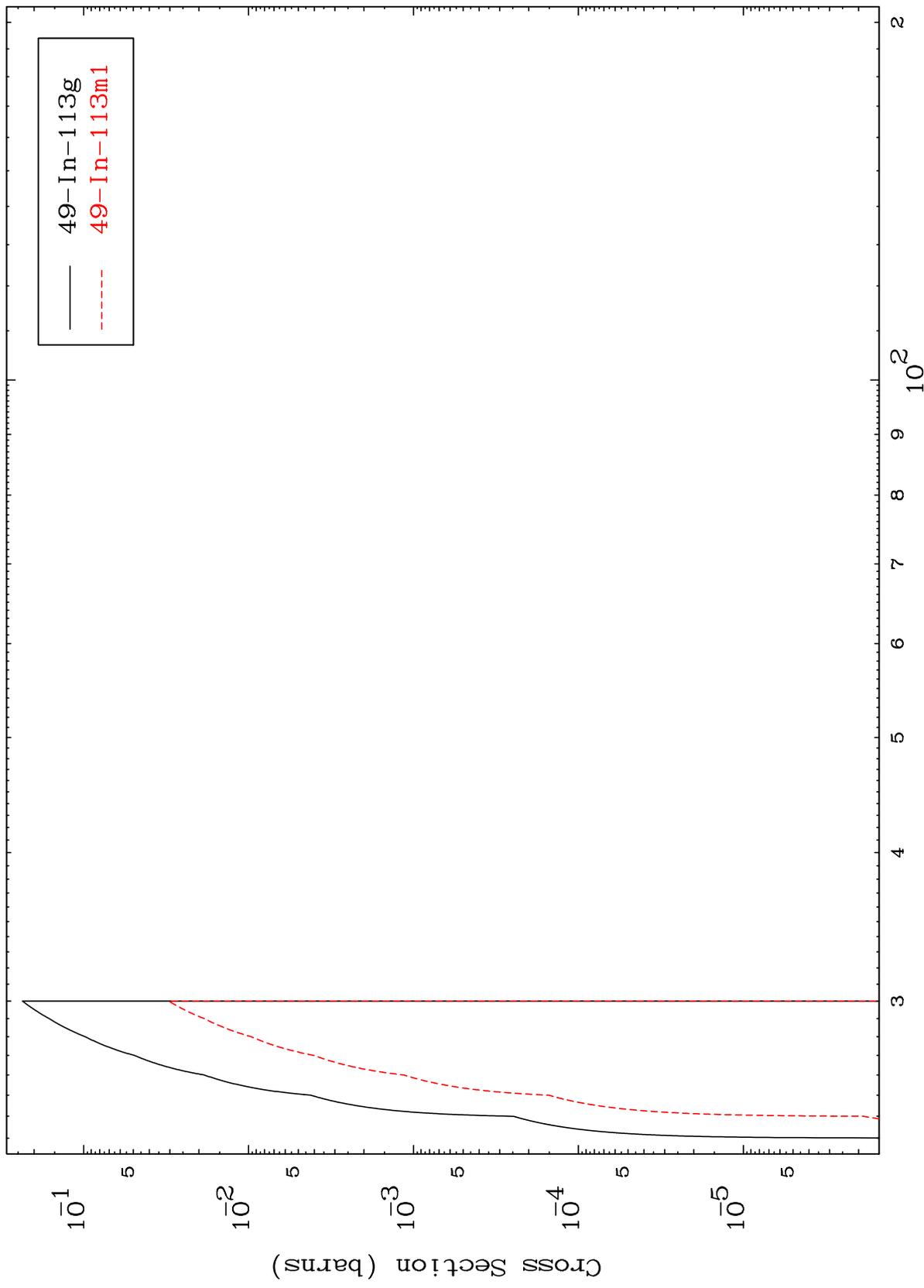
49-In-116n

MAT 4936

49-In-116n

(n,4n)

Radionuclide Production Cross Section



29

49-In-116n

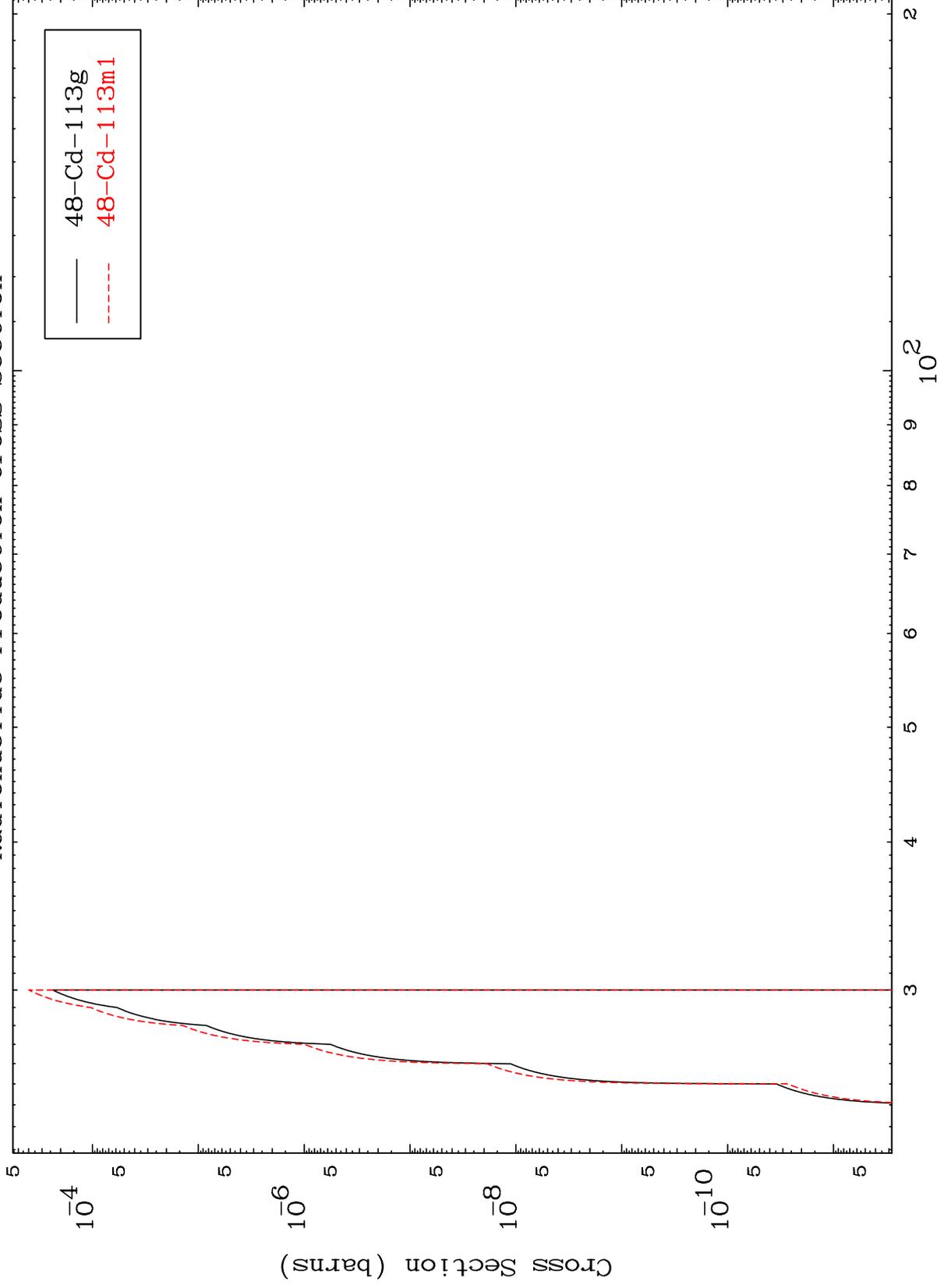
Incident Energy (MeV)

MAT 4936

(n,3n) p

49-In-116n

Radionuclide Production Cross Section



30

Incident Energy (MeV)

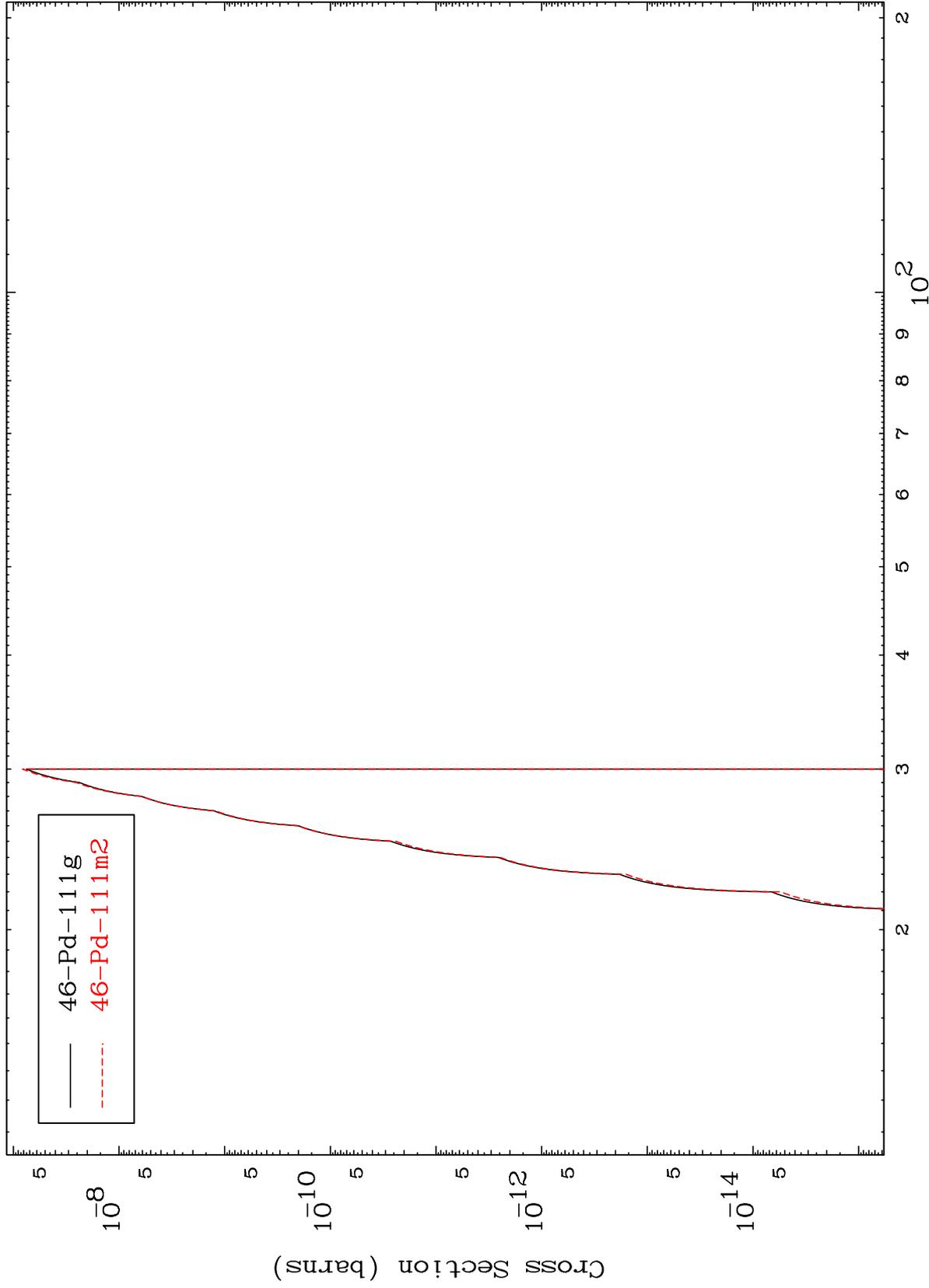
49-In-116n

MAT 4936

(n,n') p α

49-In-116n

Radionuclide Production Cross Section



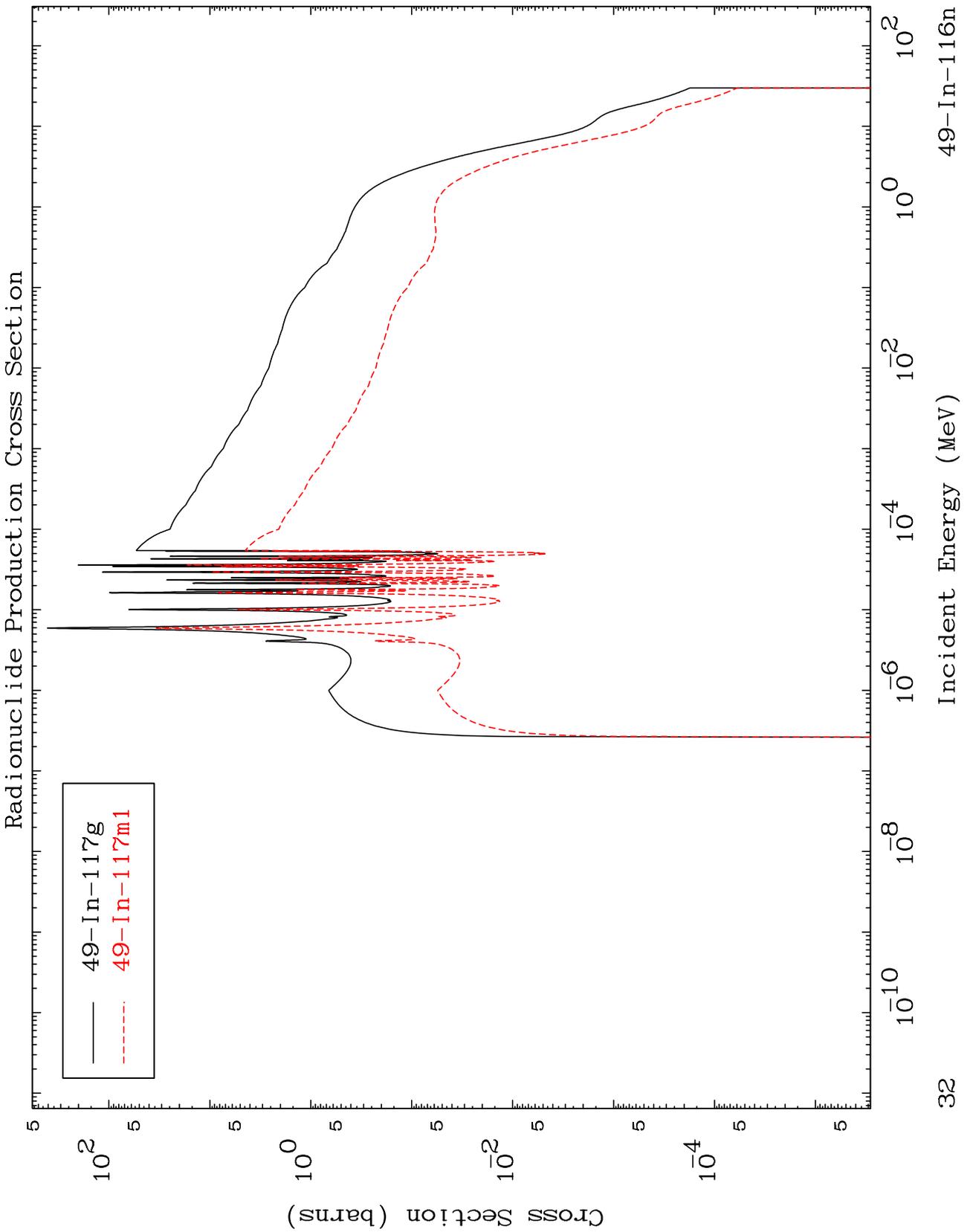
31

Incident Energy (MeV)

49-In-116n

MAT 4936

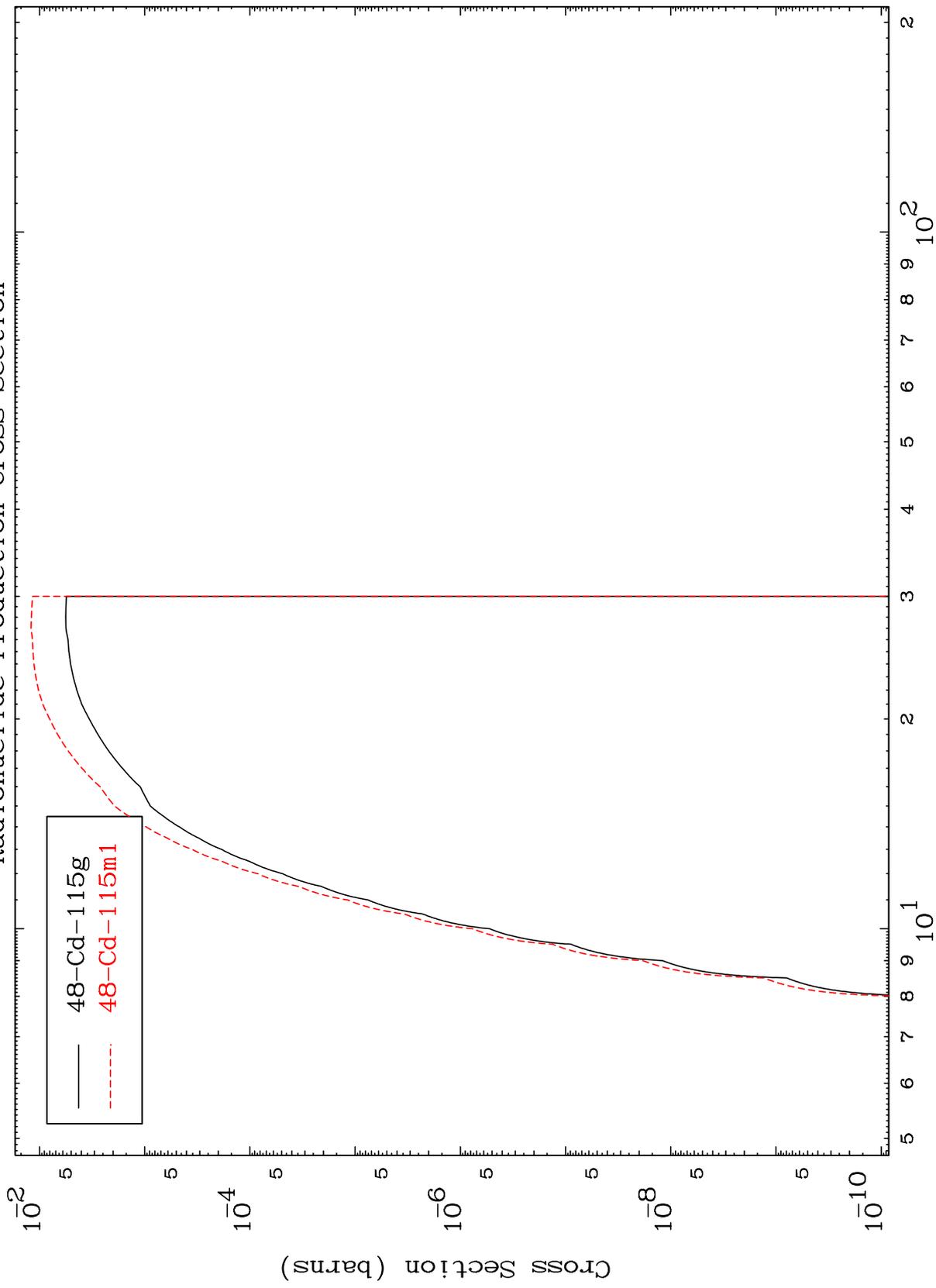
49-In-116n



MAT 4936

49-In-116n

(n,d)
Radionuclide Production Cross Section

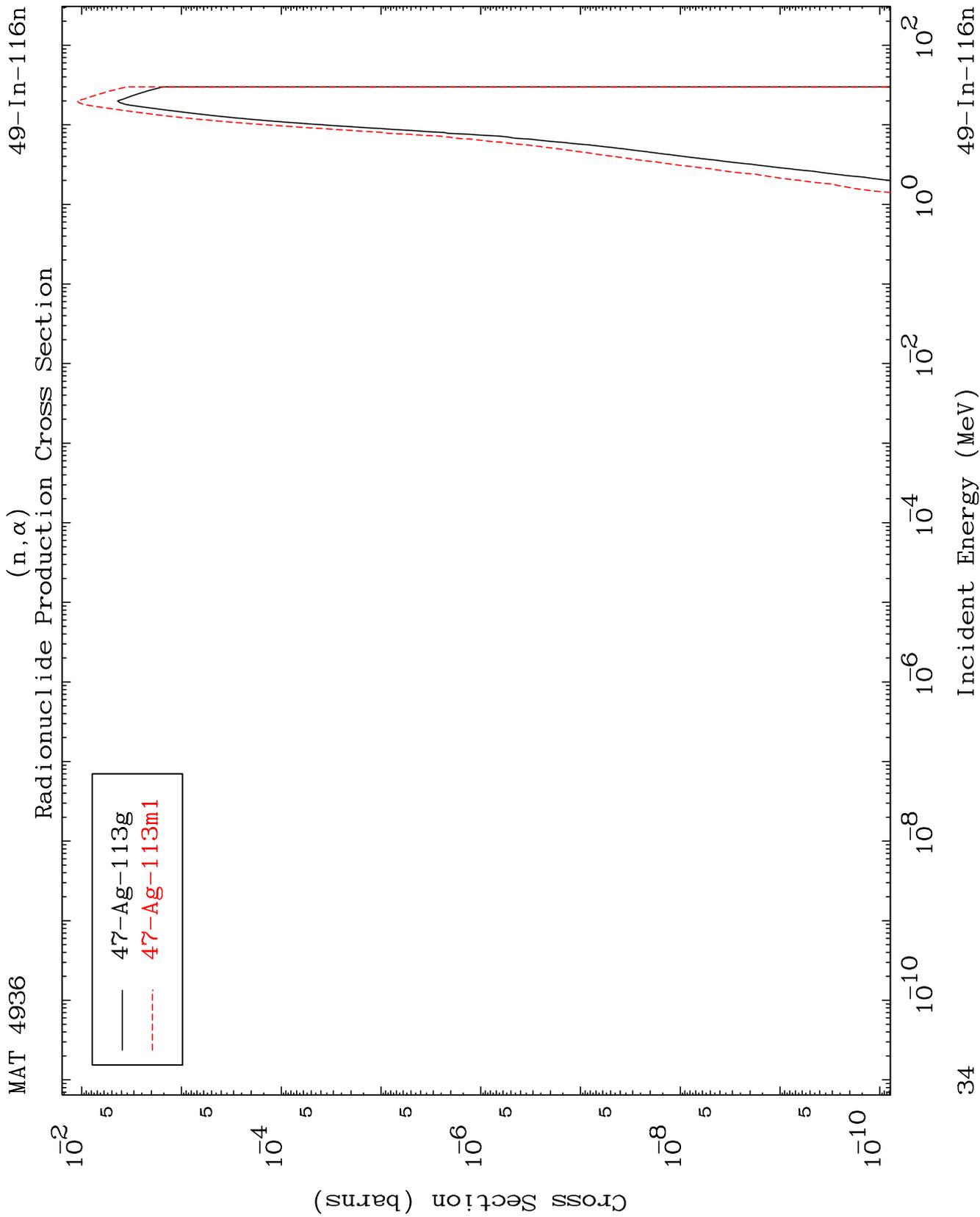


49-In-116n

Incident Energy (MeV)

33

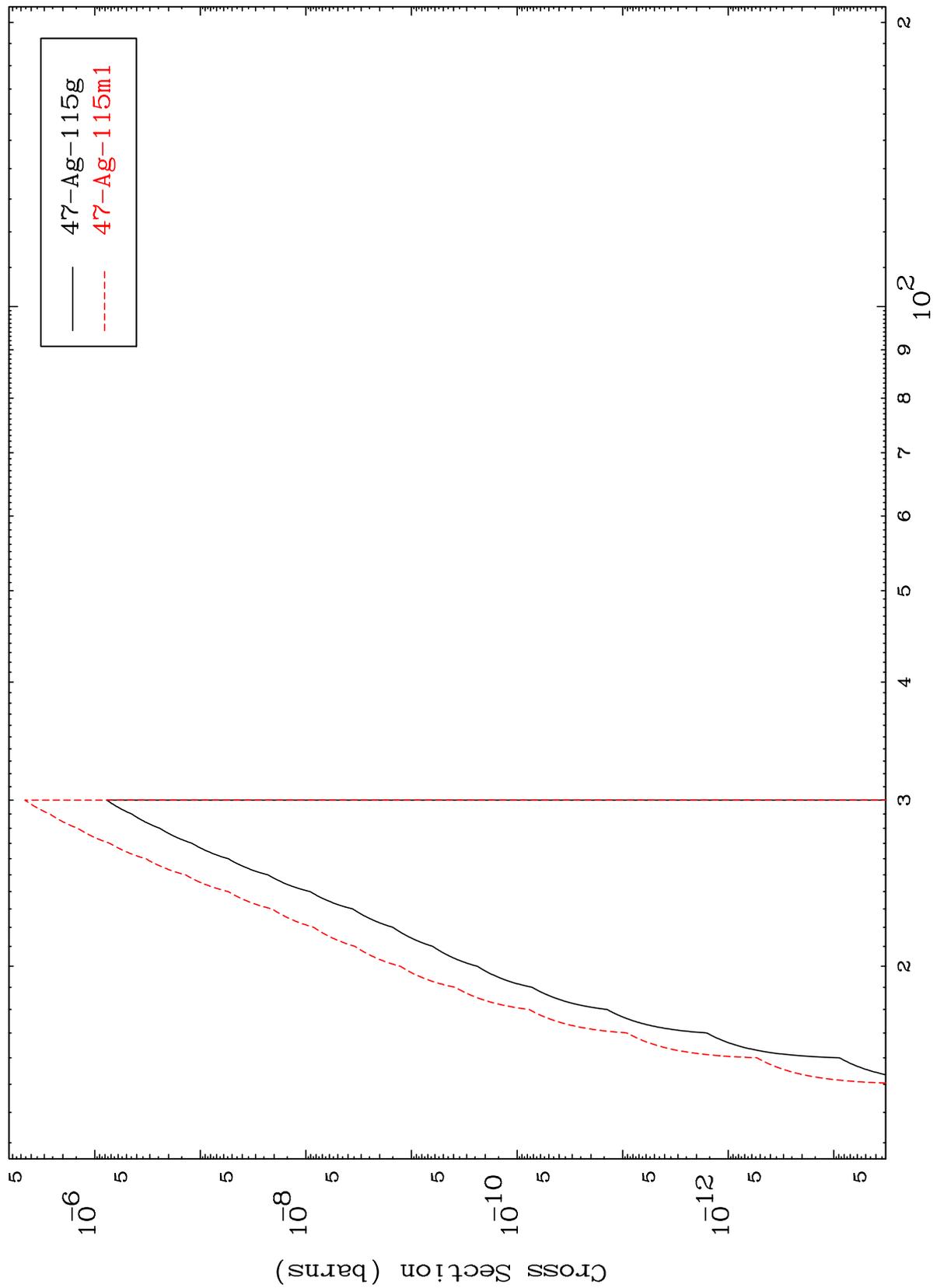
MAT 4936



MAT 4936

49-In-116n

(n,2p)
Radionuclide Production Cross Section



35

Incident Energy (MeV)

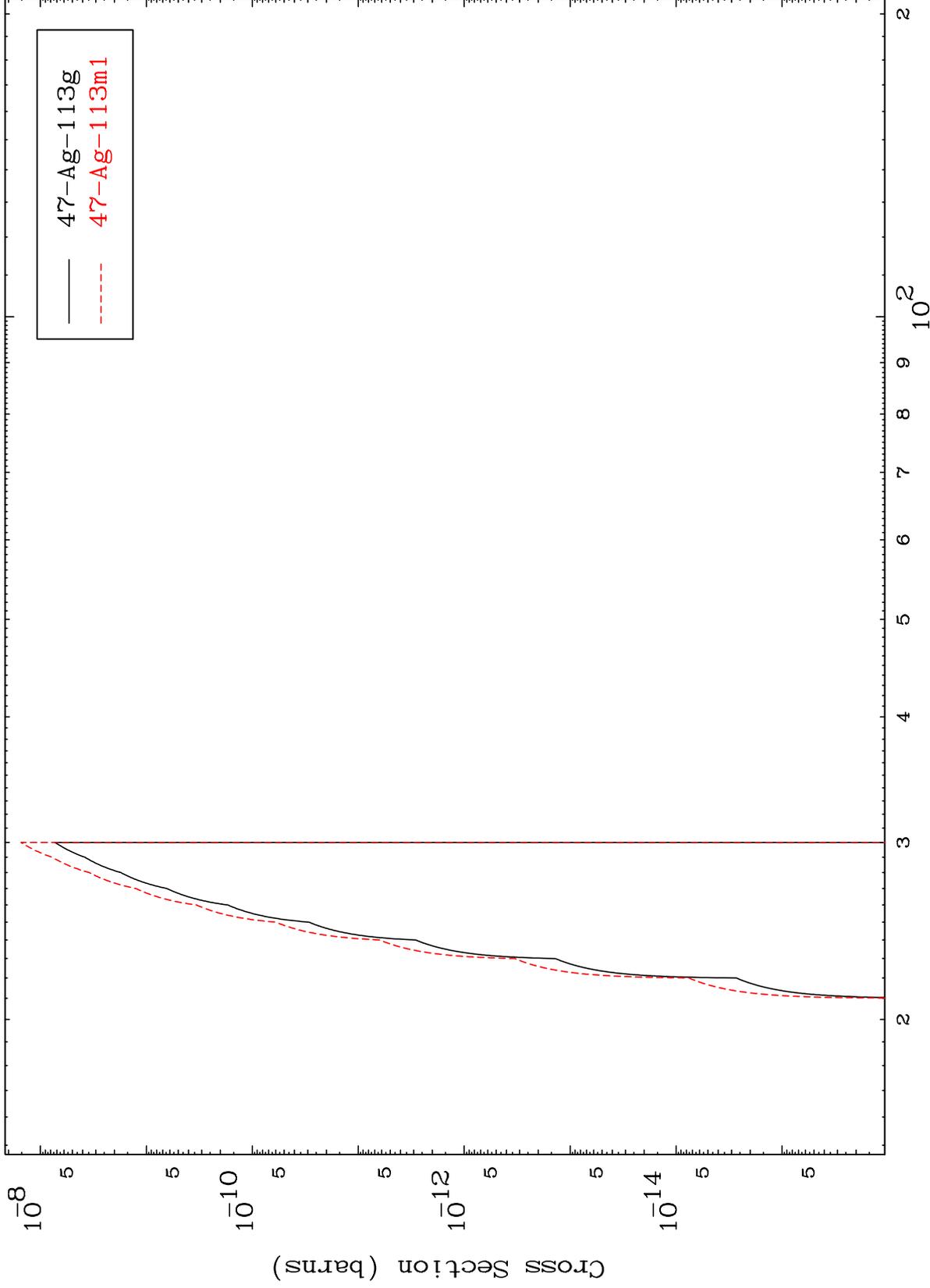
49-In-116n

MAT 4936

(n,p) t

49-In-116n

Radionuclide Production Cross Section



36

Incident Energy (MeV)

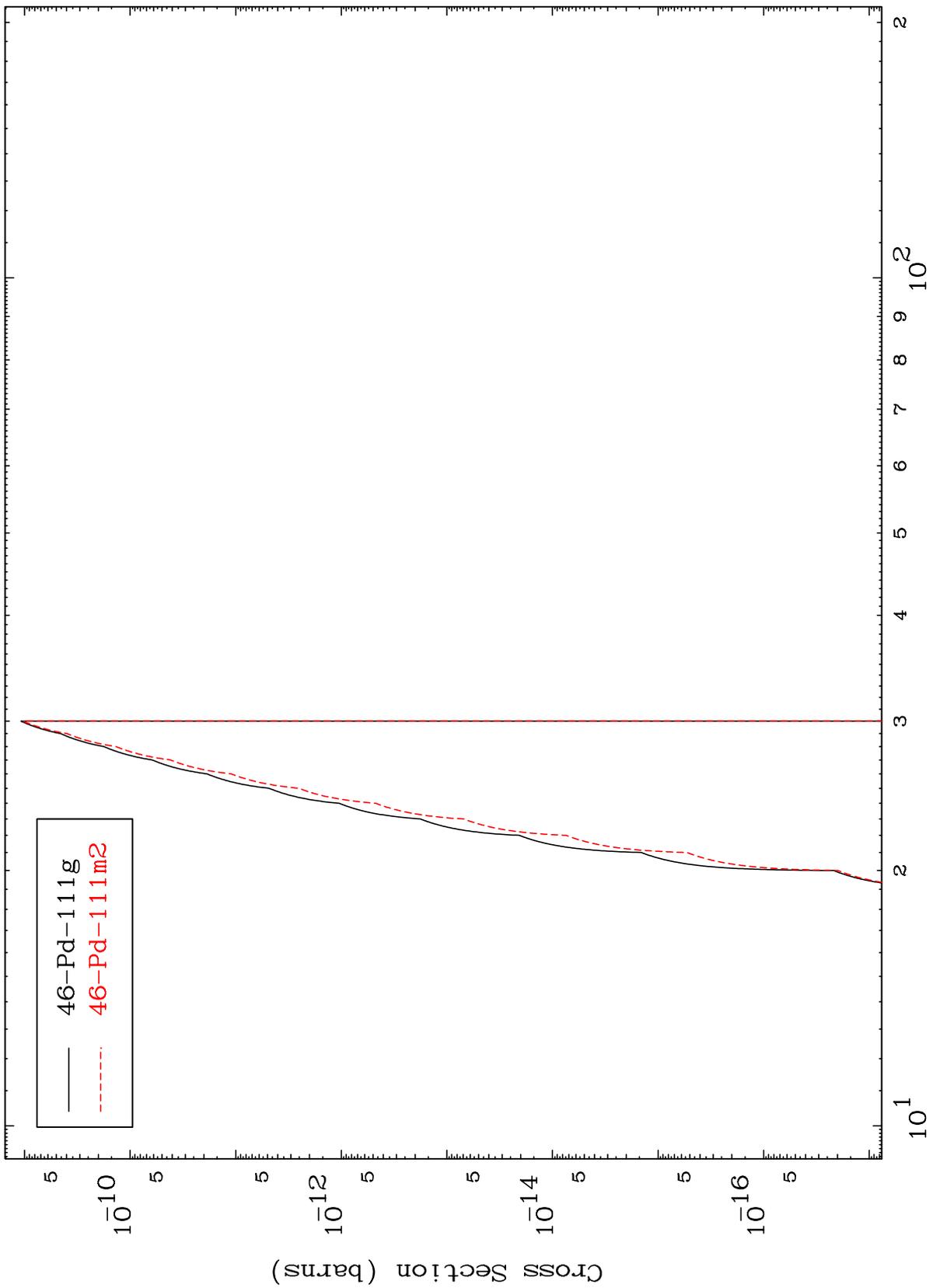
49-In-116n

MAT 4936

(n,d) α

49-In-116n

Radionuclide Production Cross Section



46-Pd-111g
46-Pd-111m2

Incident Energy (MeV)

49-In-116n

37