

Program EVALPLOT
(Version 2021-1)

by

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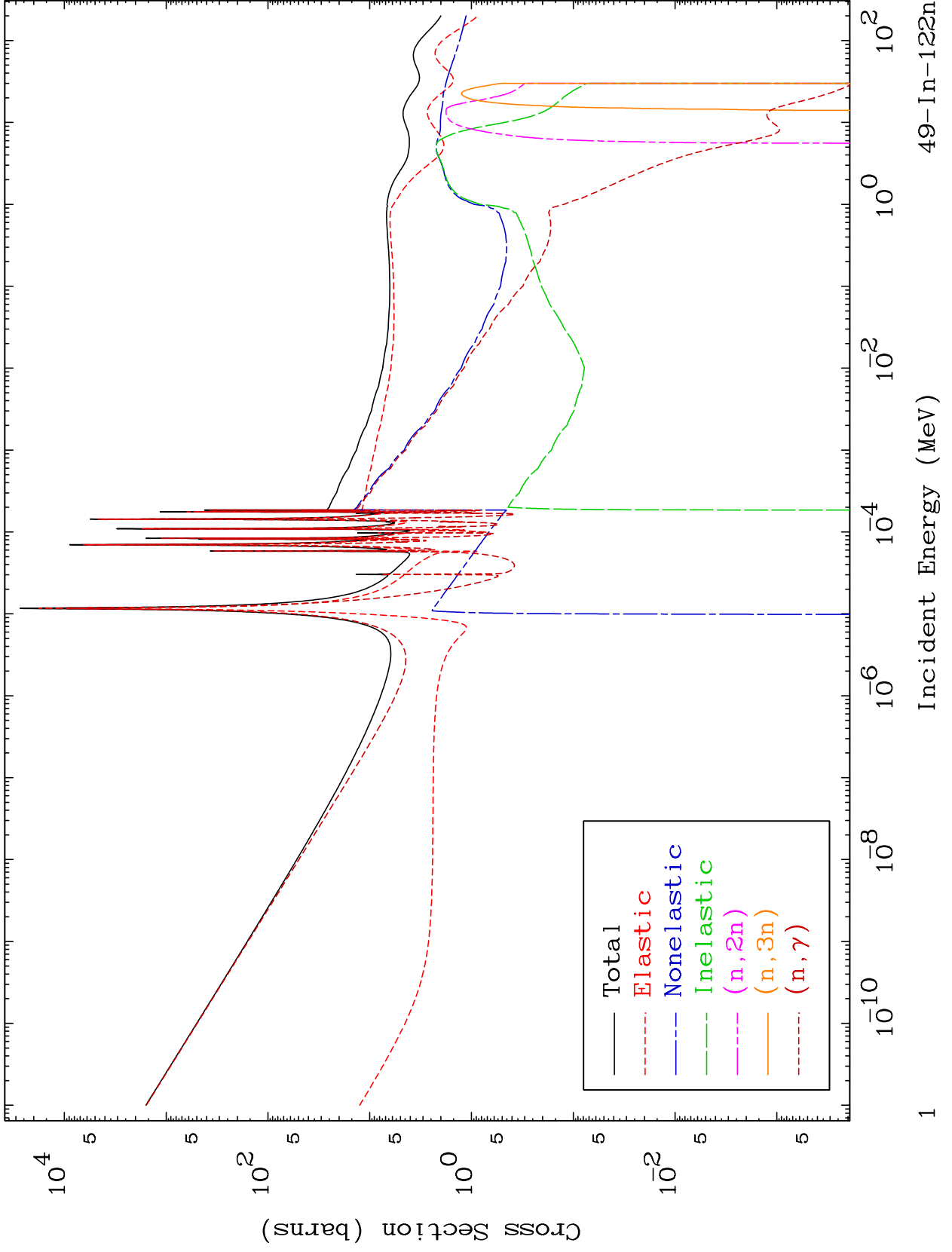
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4954

Neutron Major
293 Kelvin Cross Sections

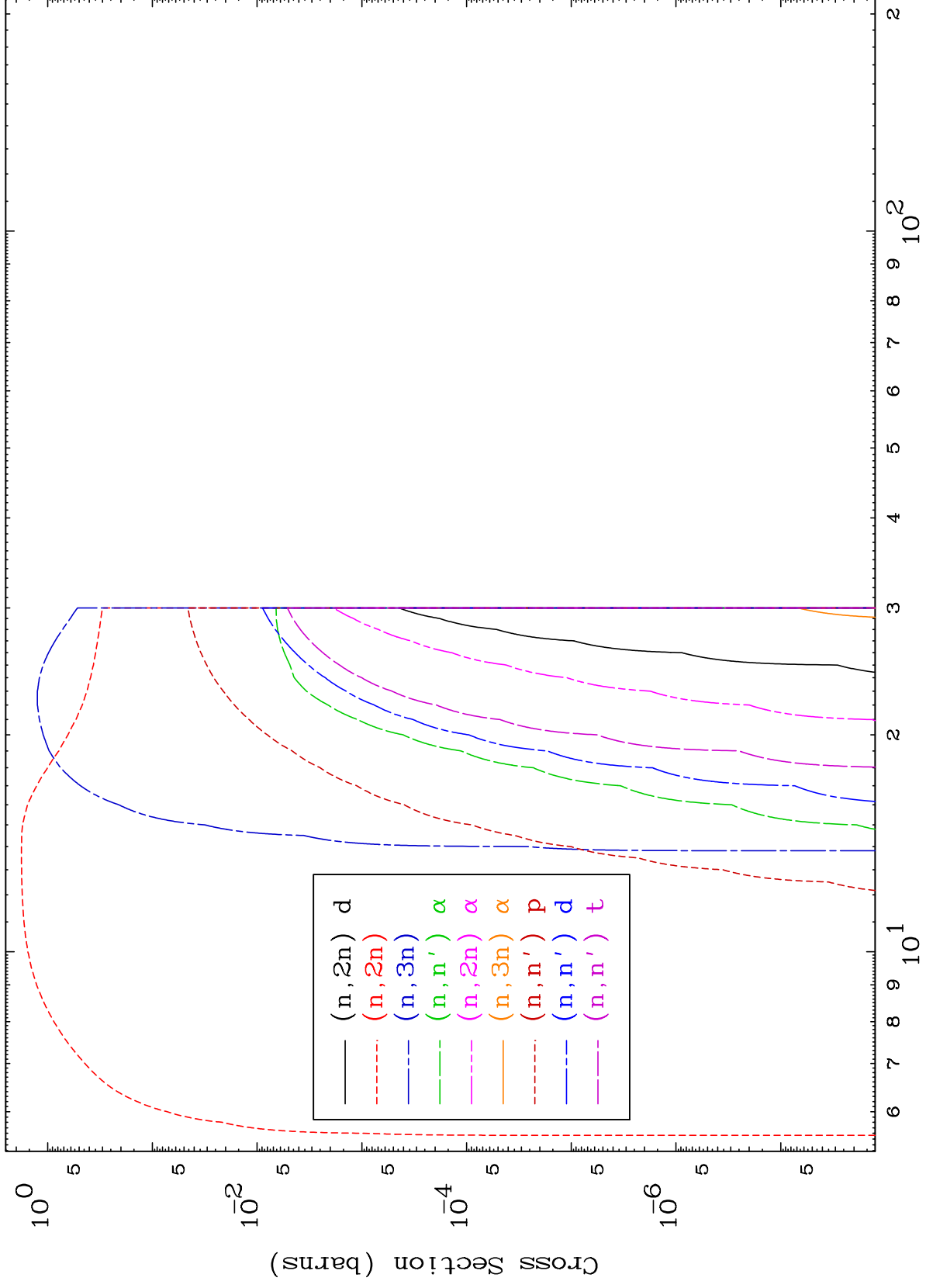
49-In-122n



MAT 4954

Neutron Absorption
293 Kelvin Cross Sections

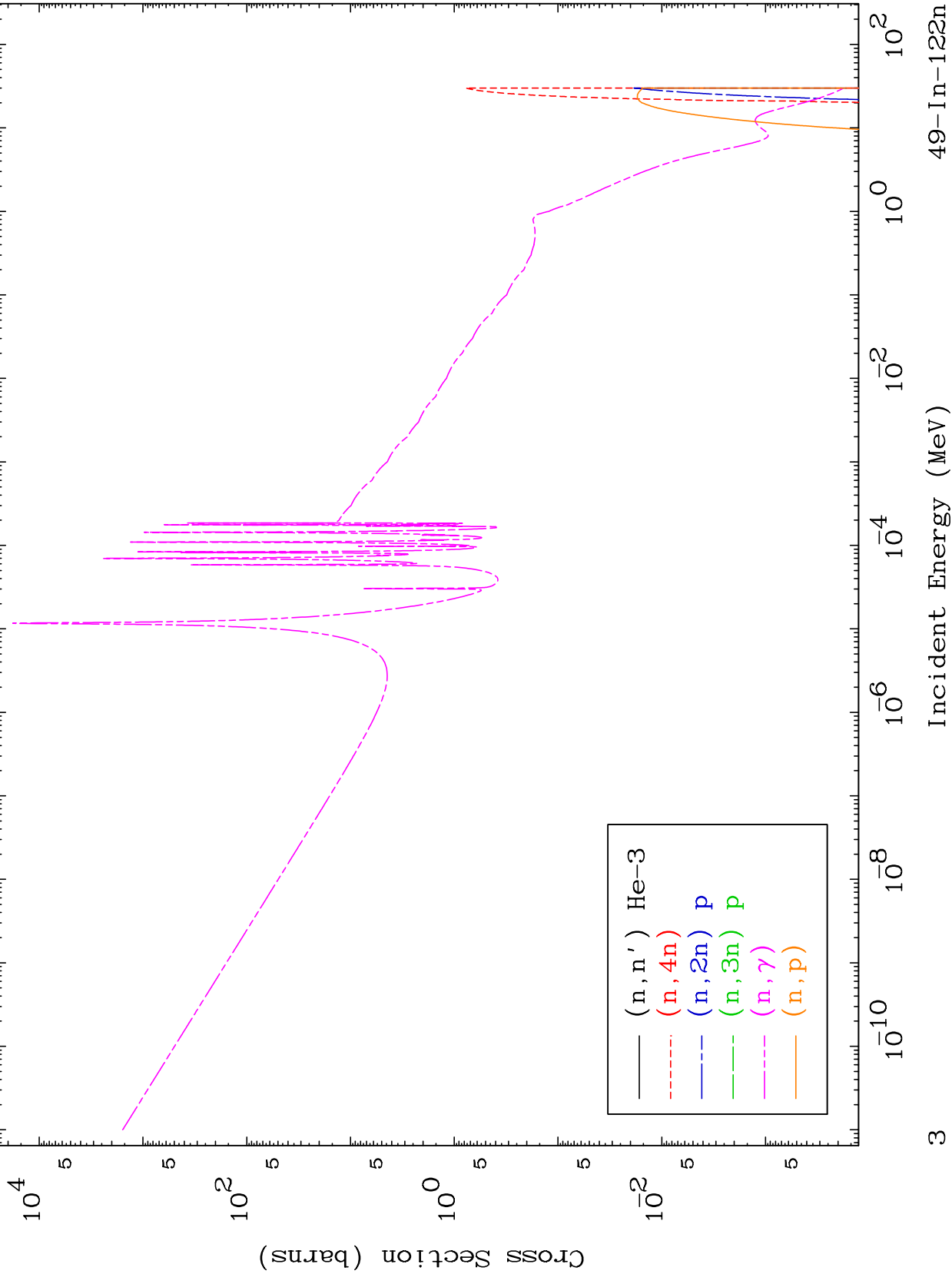
49-In-122n



MAT 4954

Neutron Absorption
293 Kelvin Cross Sections

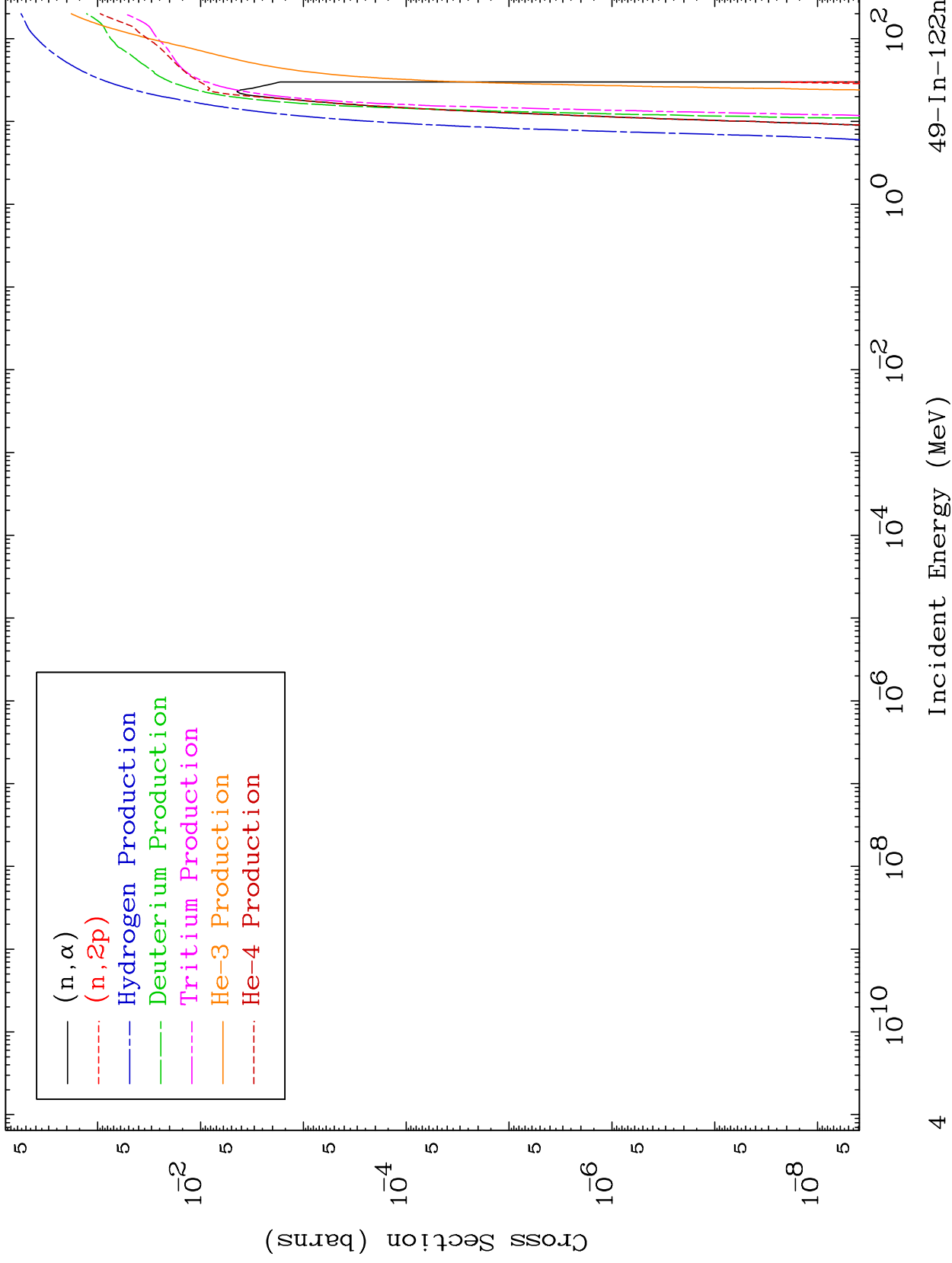
49-In-122n



MAT 4954

Neutron Absorption
293 Kelvin Cross Sections

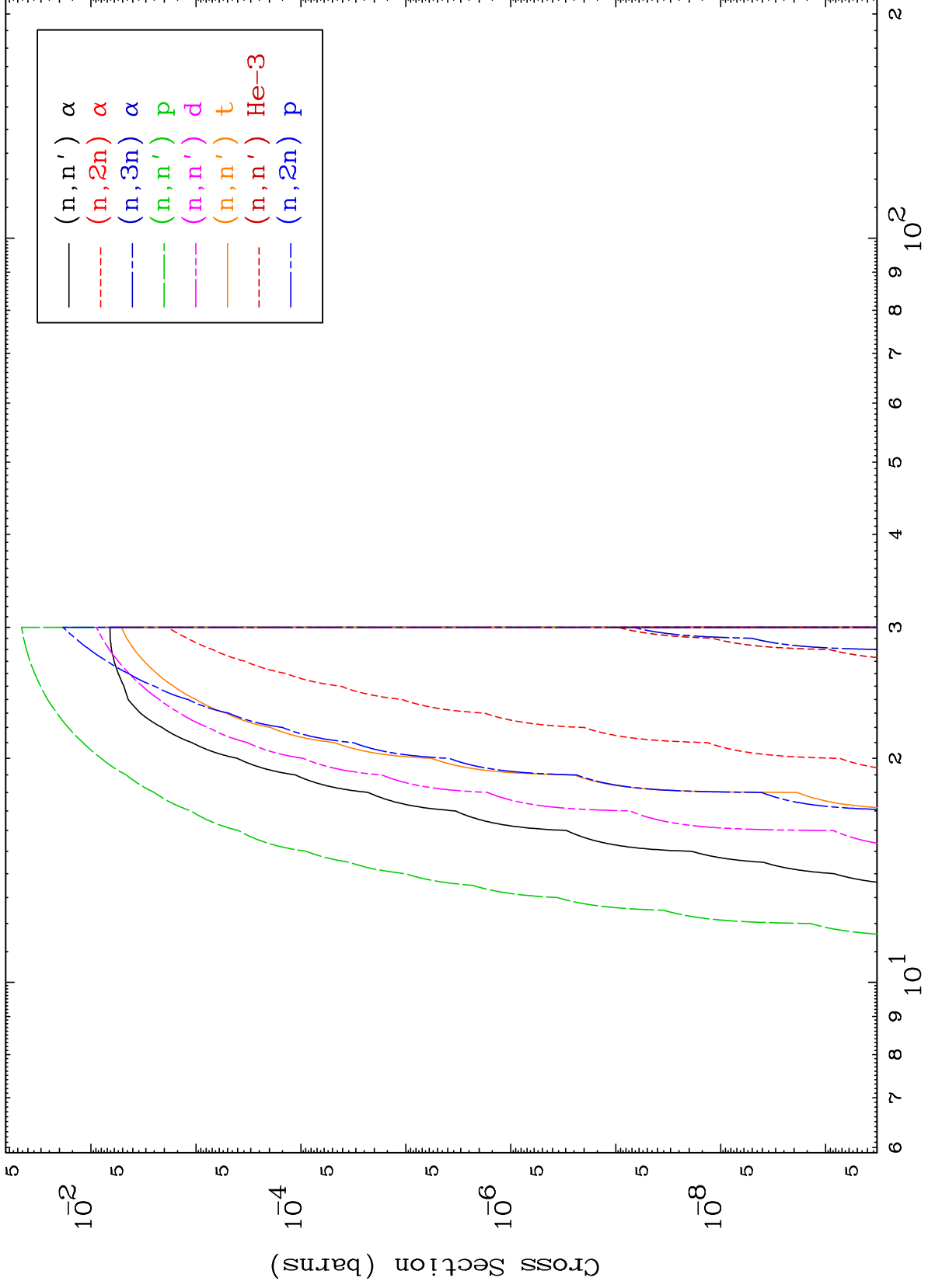
49-In-122n



MAT 4954

Charged Particle
293 Kelvin Cross Sections

49-In-122n



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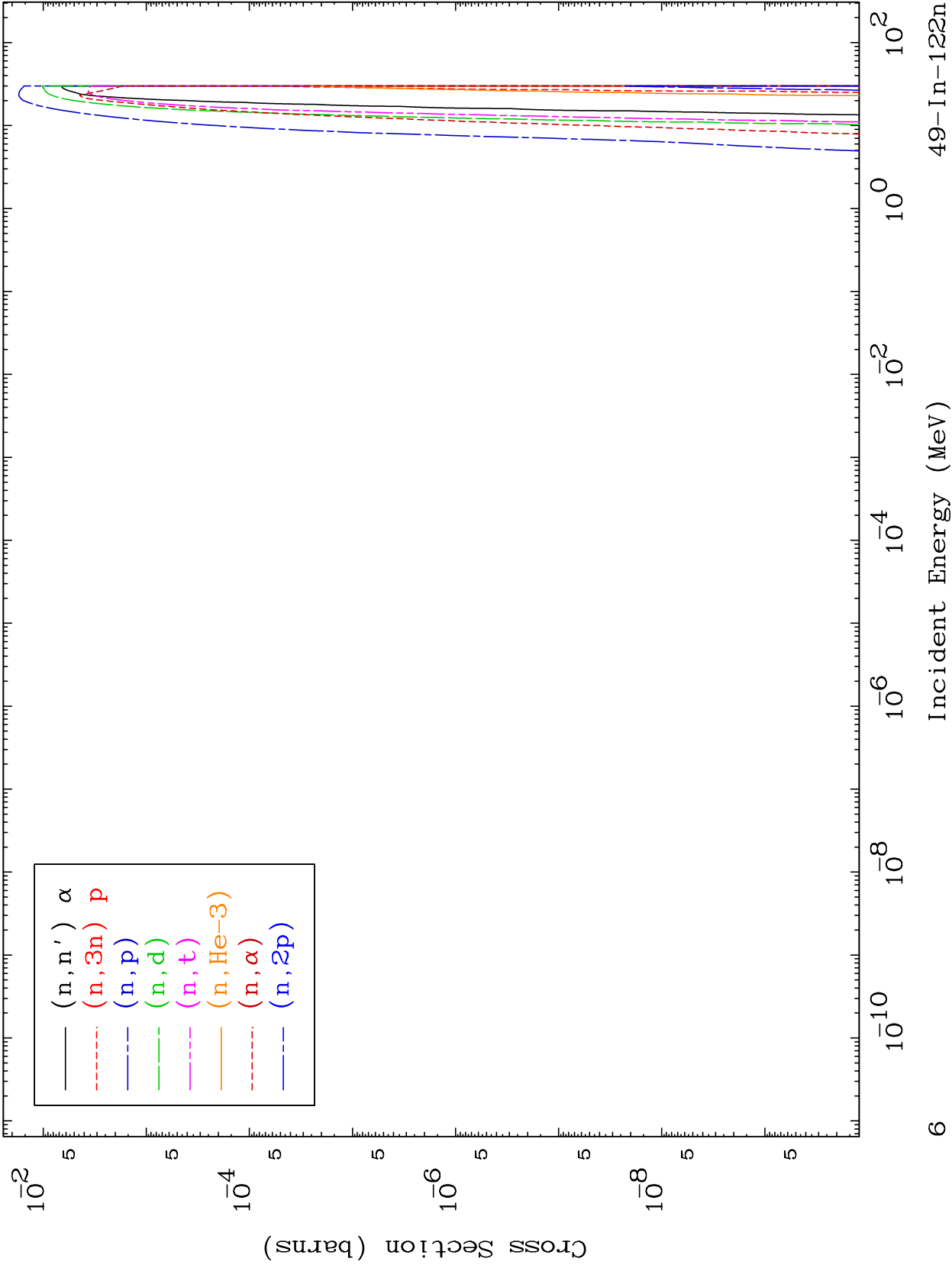
Incident Energy (MeV)

49-In-122n

MAT 4954

Charged Particle
293 Kelvin Cross Sections

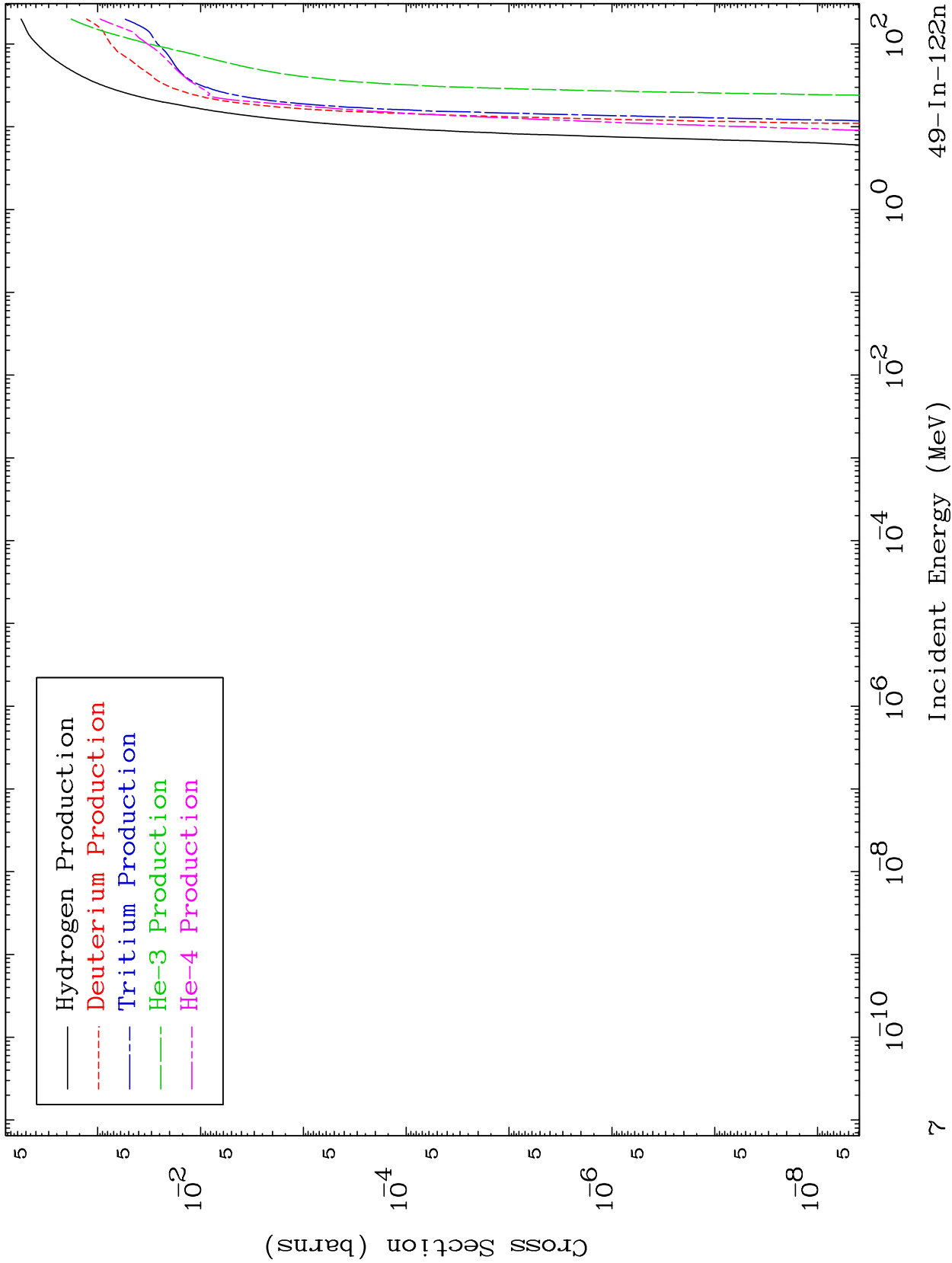
49-In-122n



MAT 4954

Particle Production
293 Kelvin Cross Sections

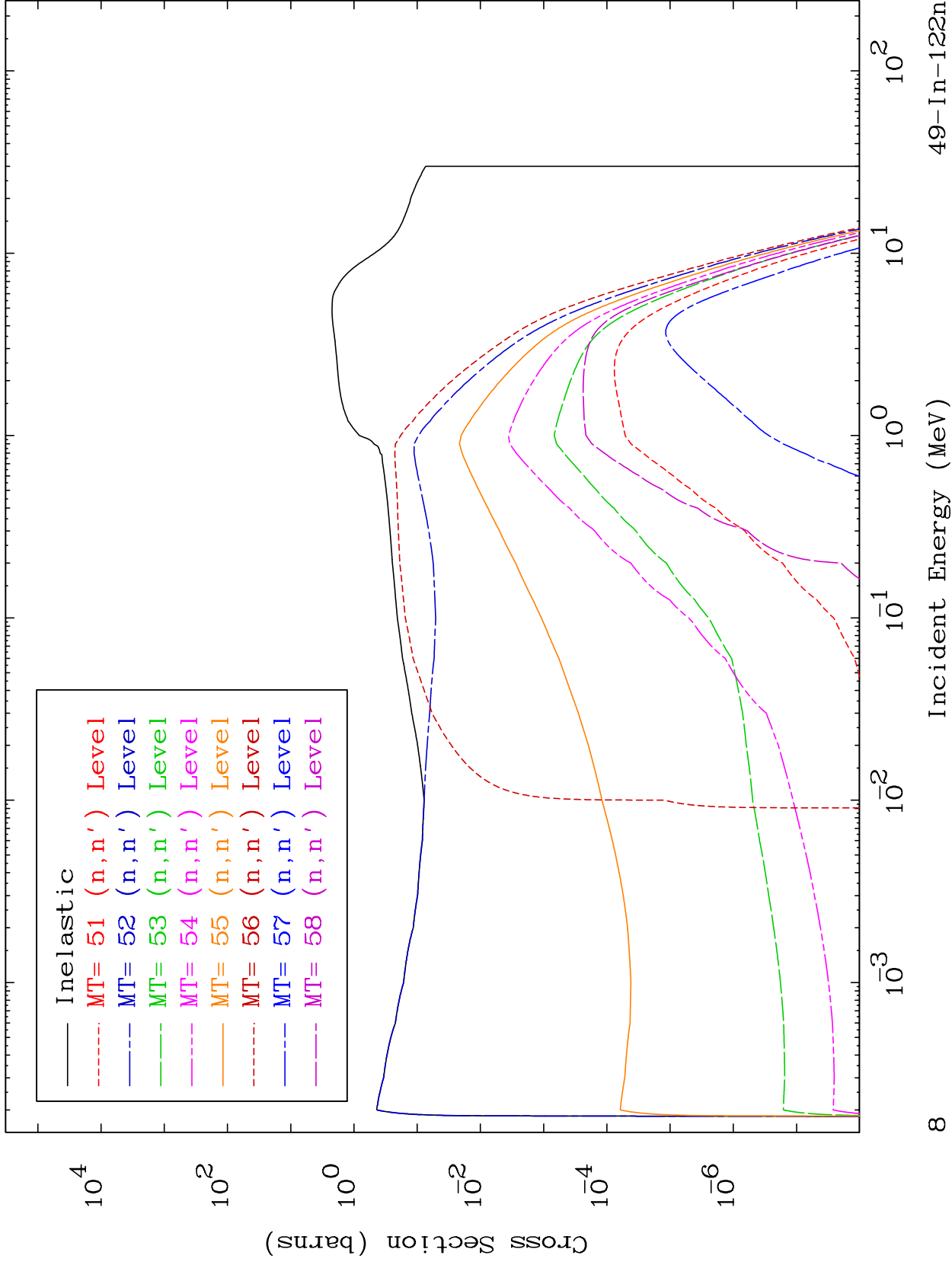
49-In-122n



MAT 4954

(n,n') Levels
293 Kelvin Cross Sections

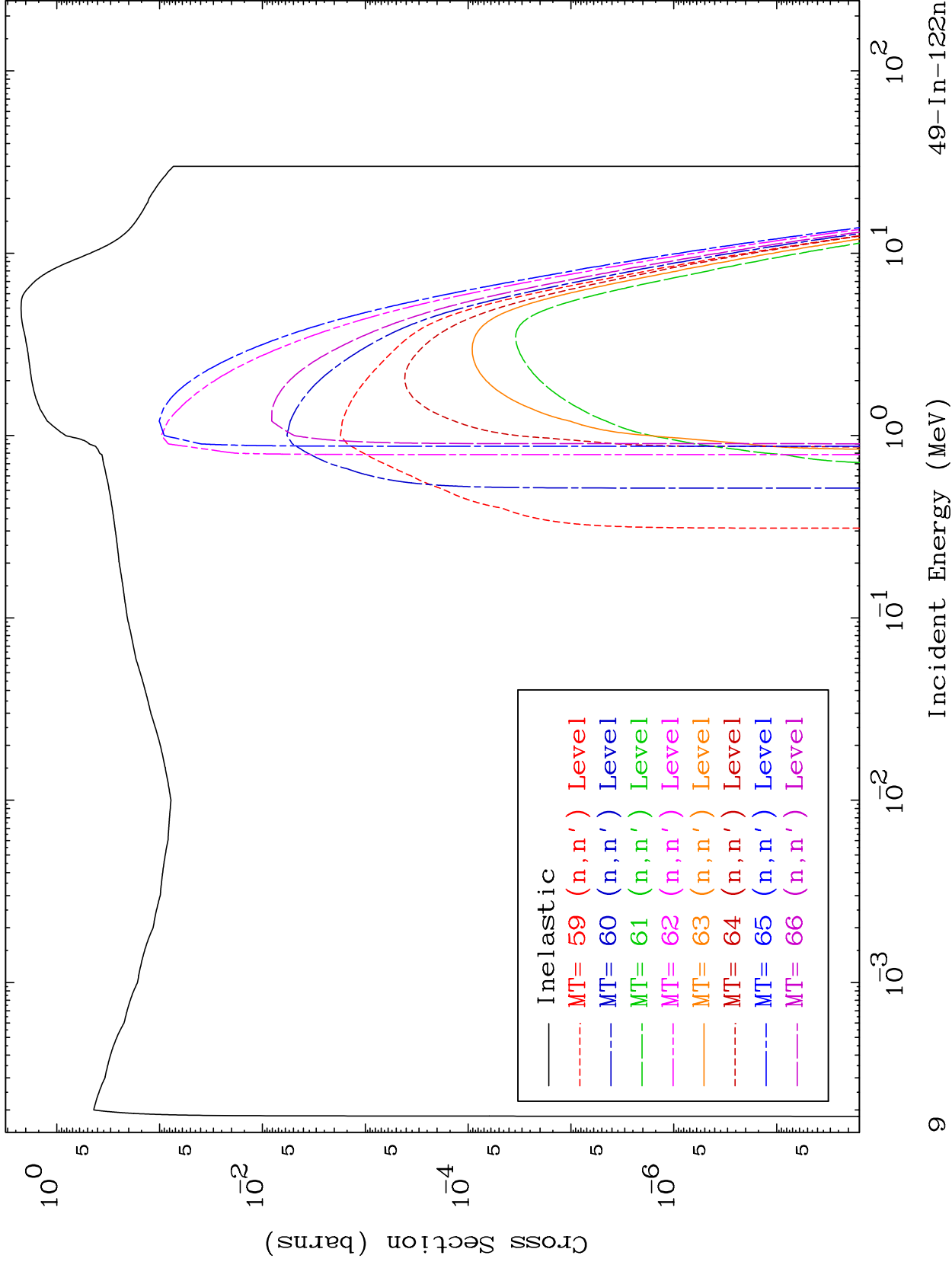
49-In-122n



MAT 4954

(n,n') Levels
293 Kelvin Cross Sections

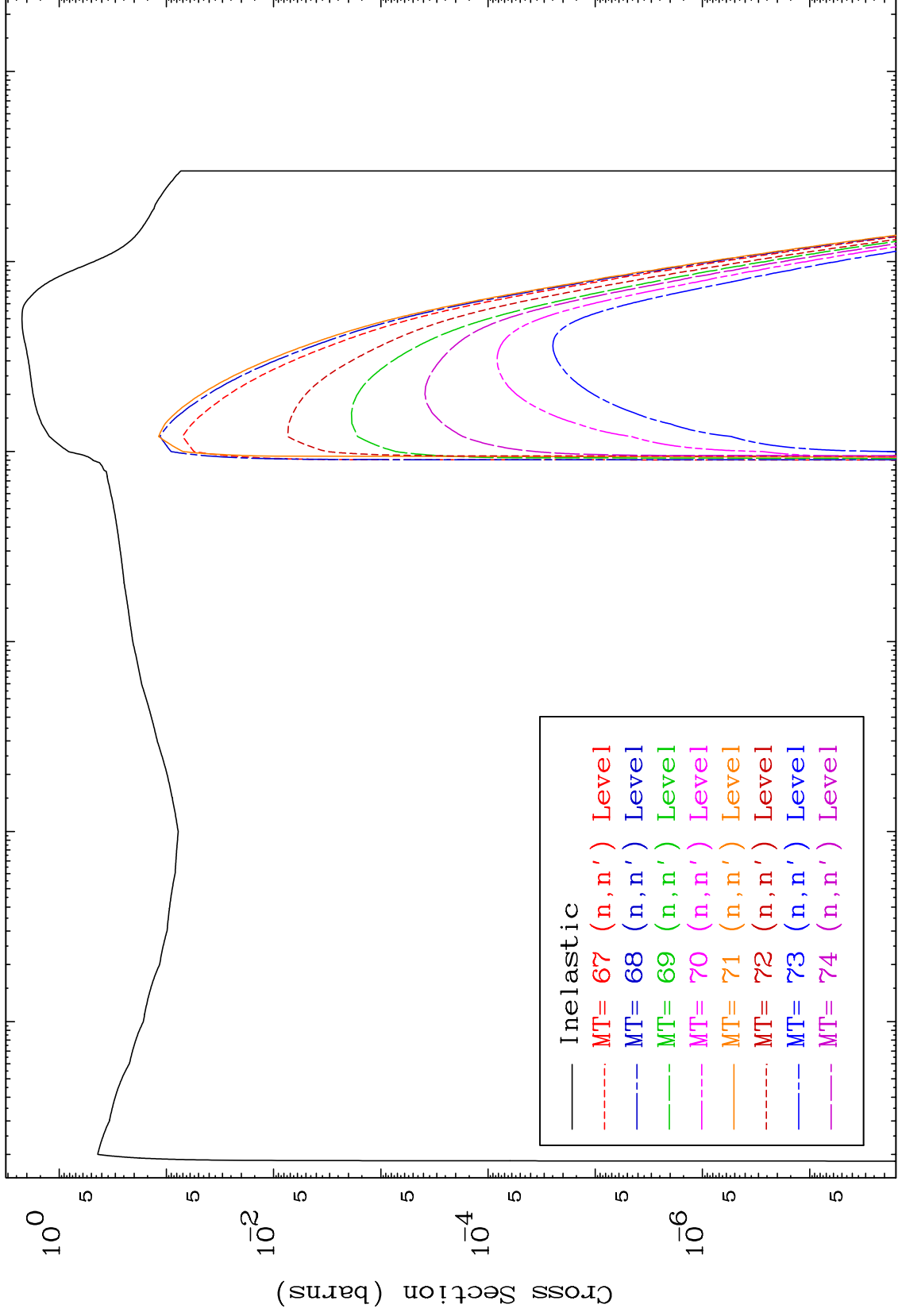
49-In-122n



MAT 4954

(n,n') Levels
293 Kelvin Cross Sections

49-In-122n



10

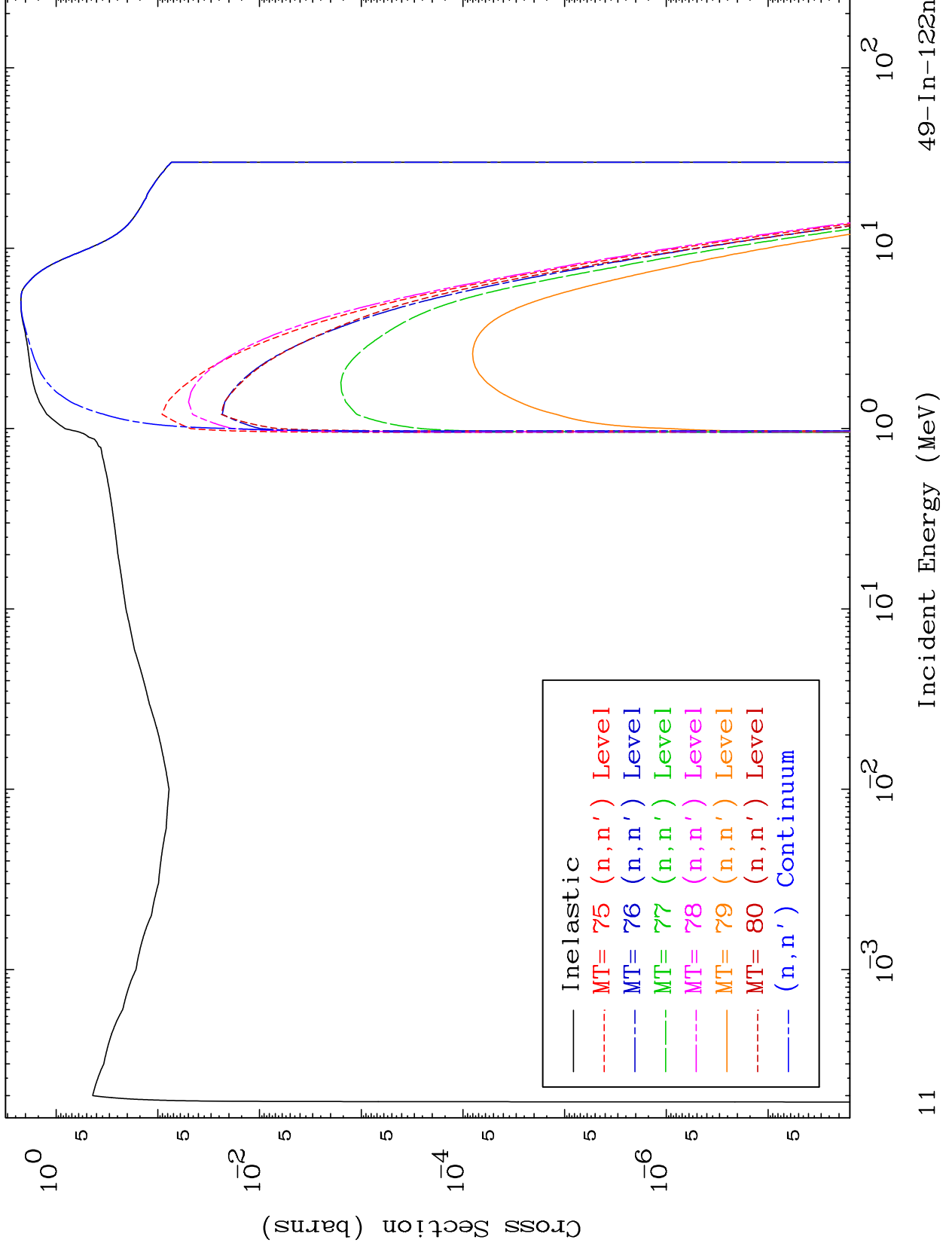
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,n') Levels
293 Kelvin Cross Sections

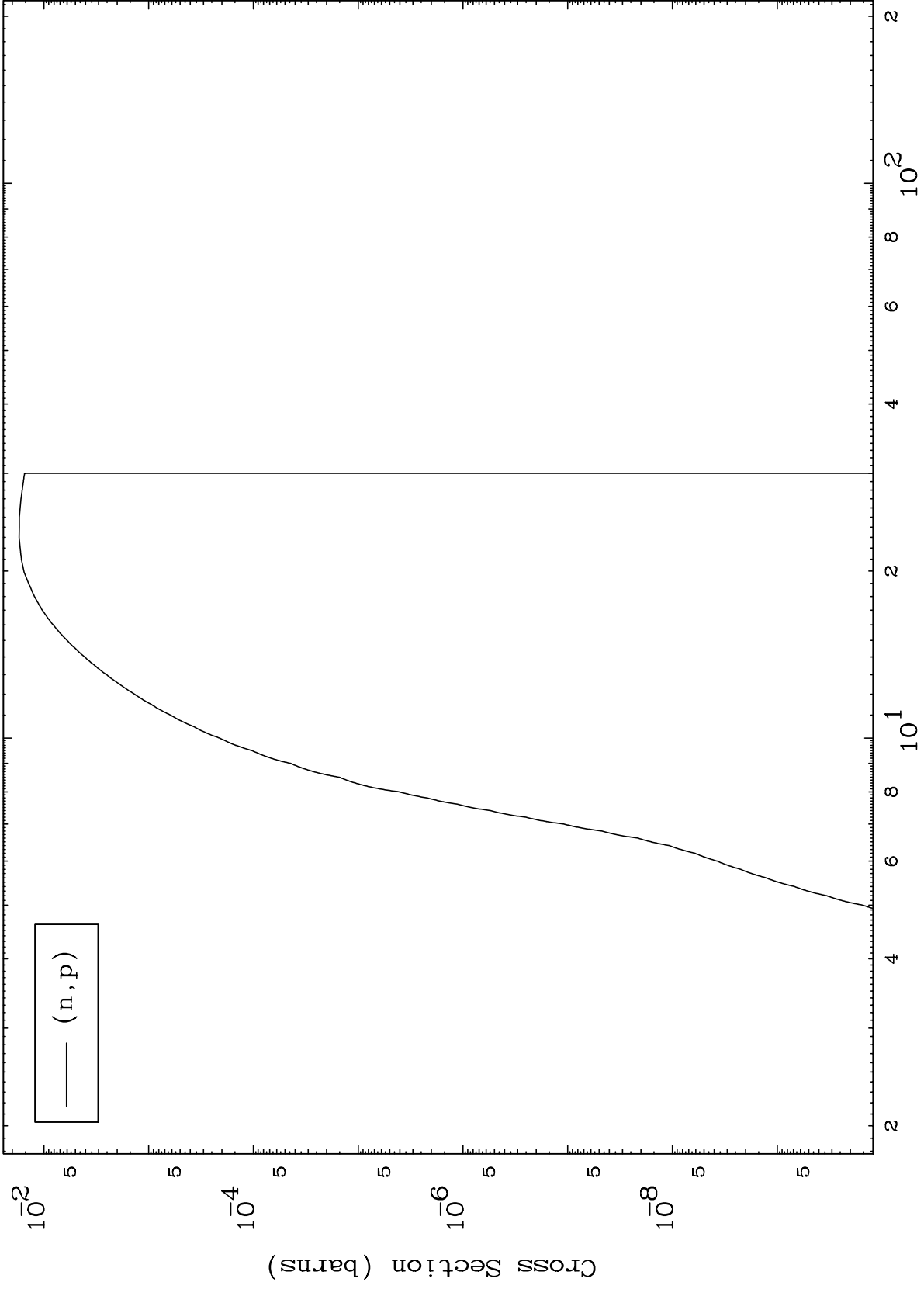
49-In-122n



MAT 4954

(n,p) Levels
293 Kelvin Cross Sections

49-In-122n



12

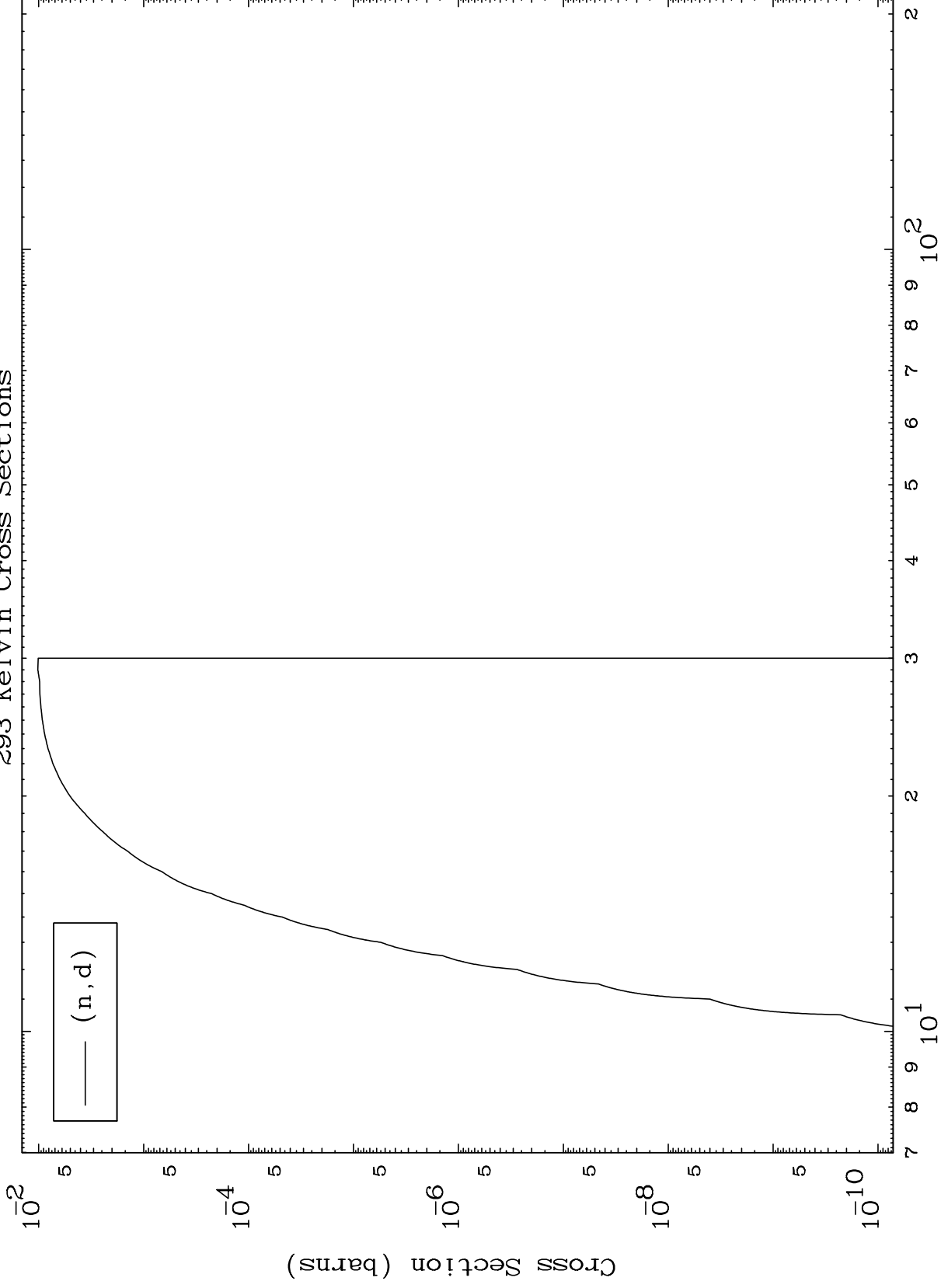
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,d) Levels
293 Kelvin Cross Sections

49-In-122n



13

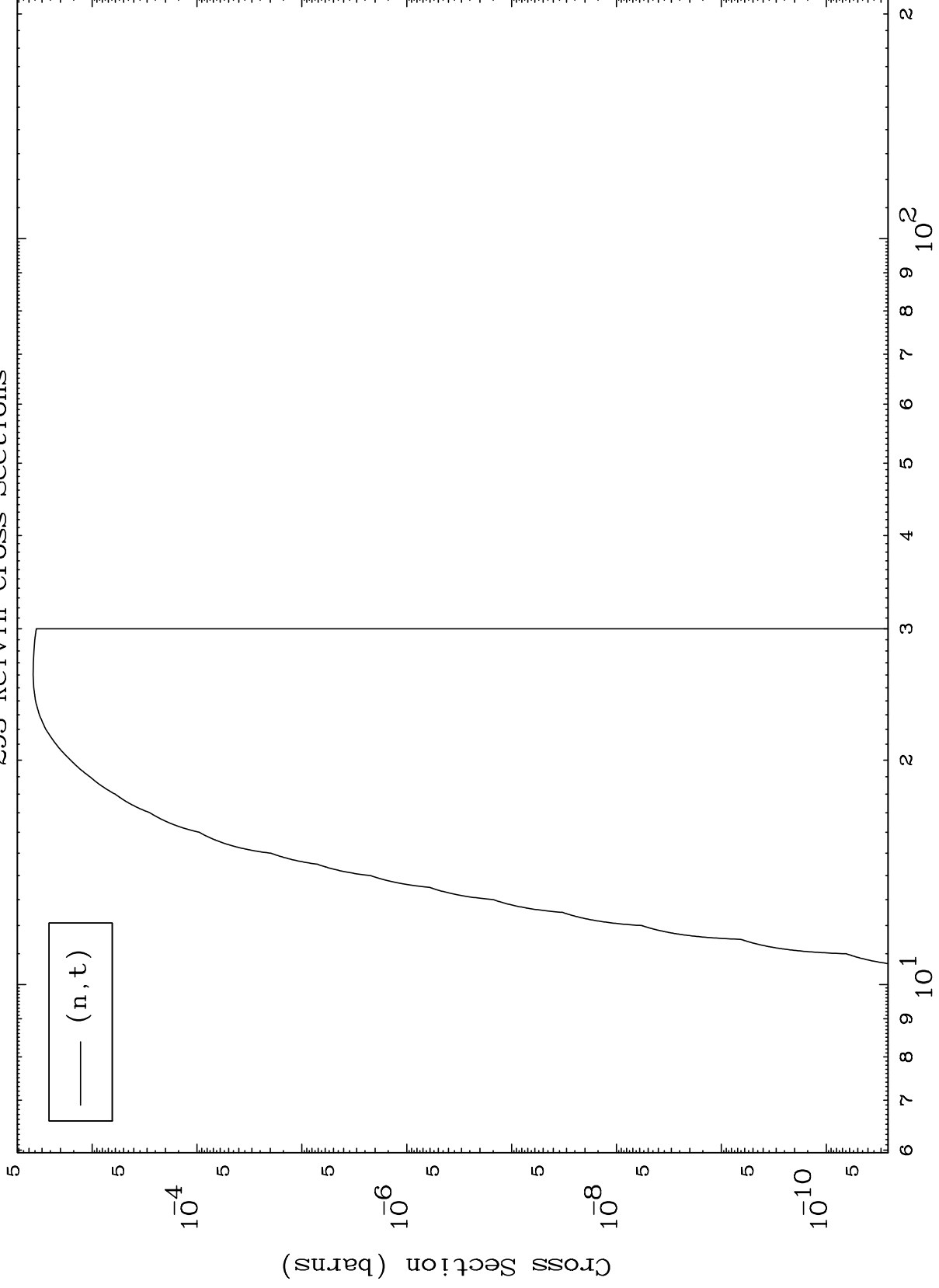
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,t) Levels
293 Kelvin Cross Sections

49-In-122n



14

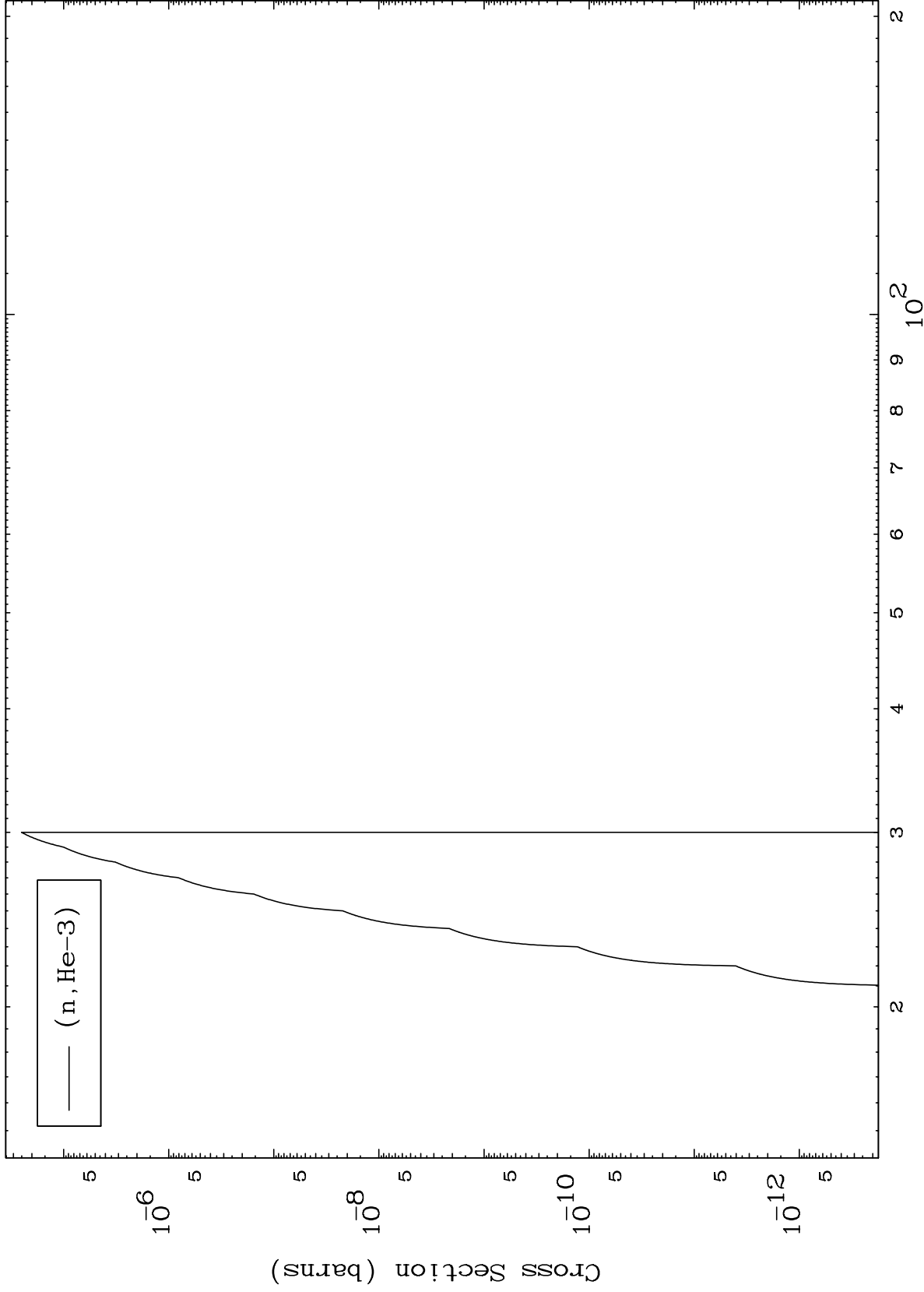
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,He3) Levels
293 Kelvin Cross Sections

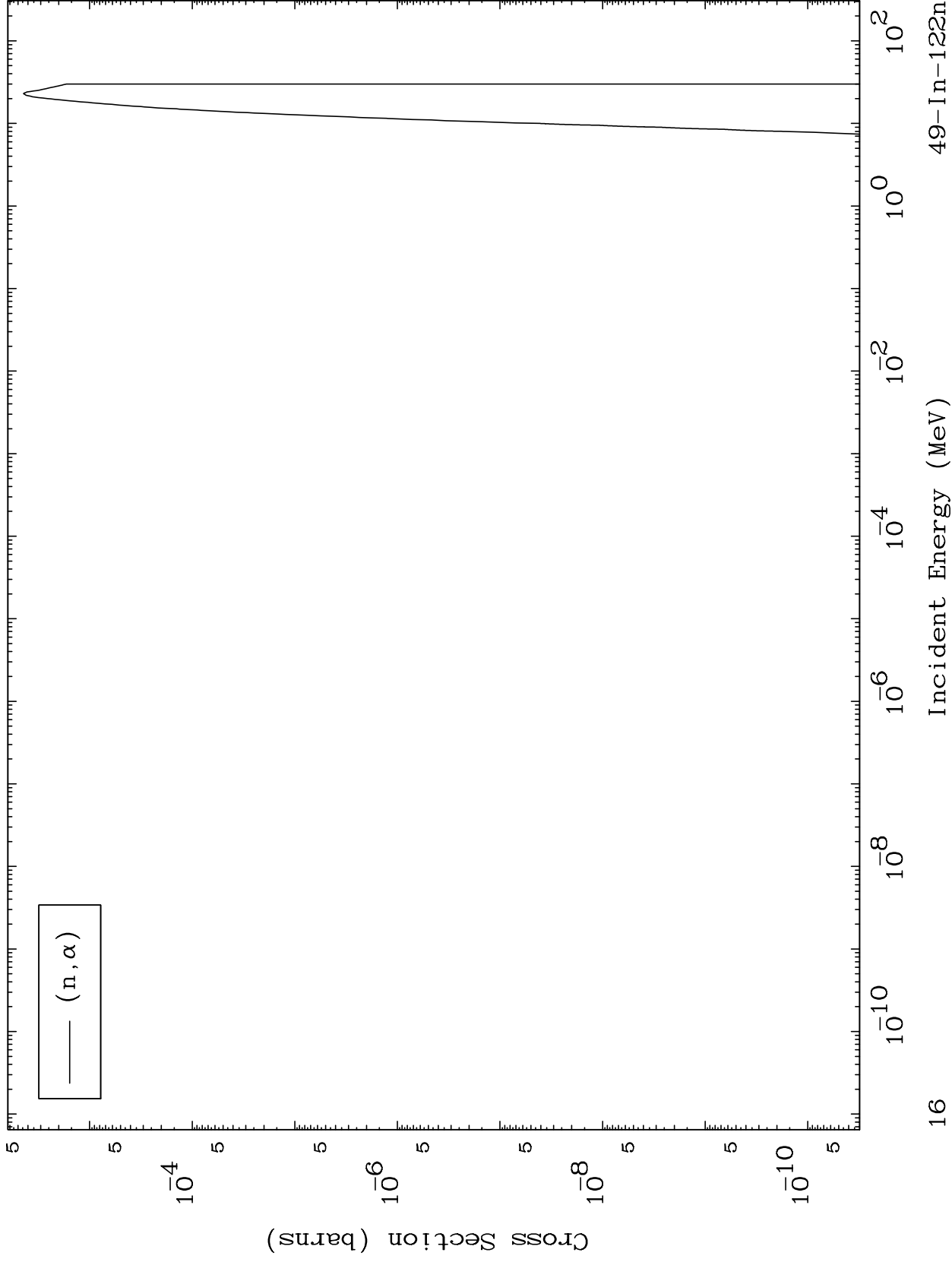
49-In-122n

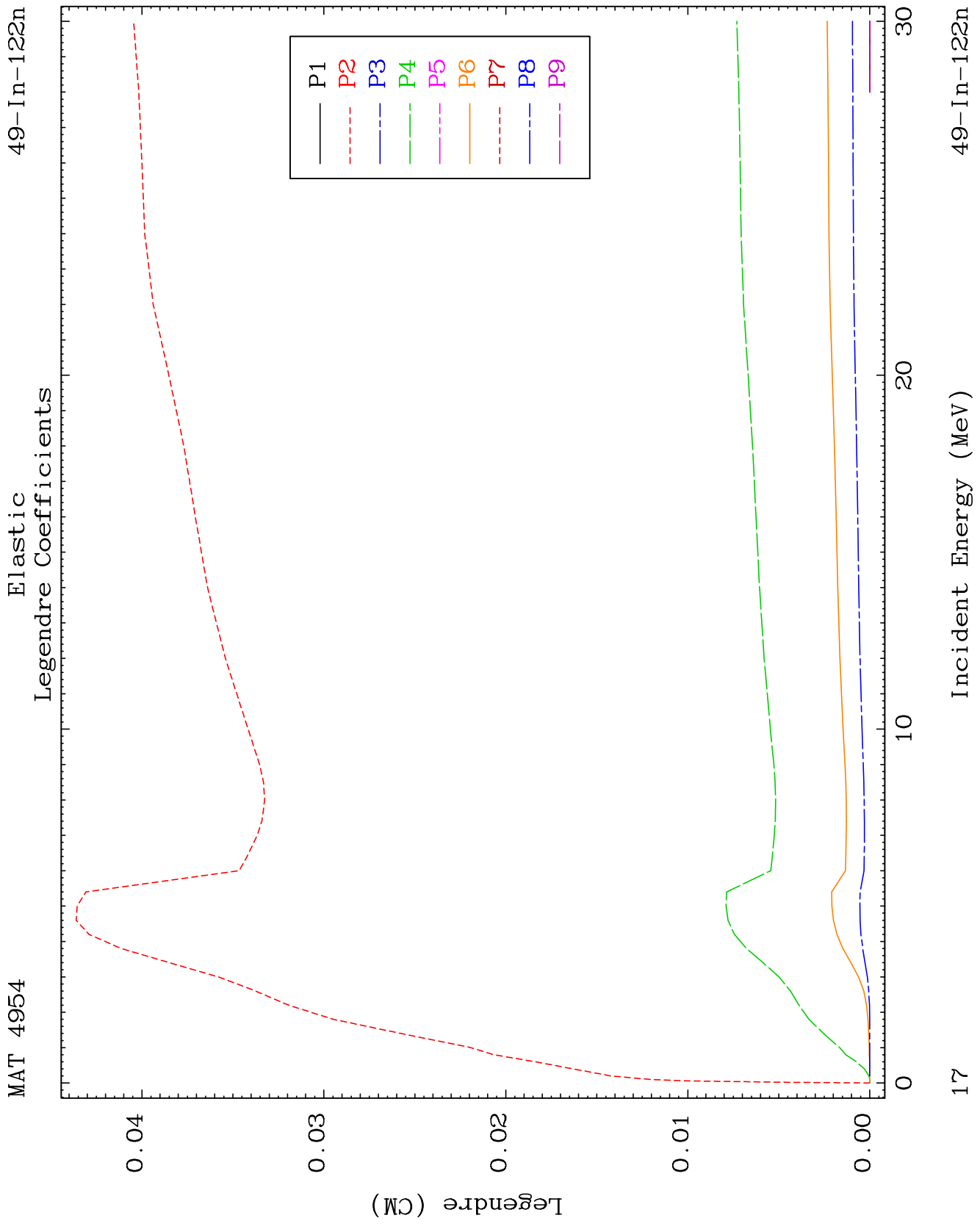


MAT 4954

(n, α) Levels
293 Kelvin Cross Sections

49-In-122n

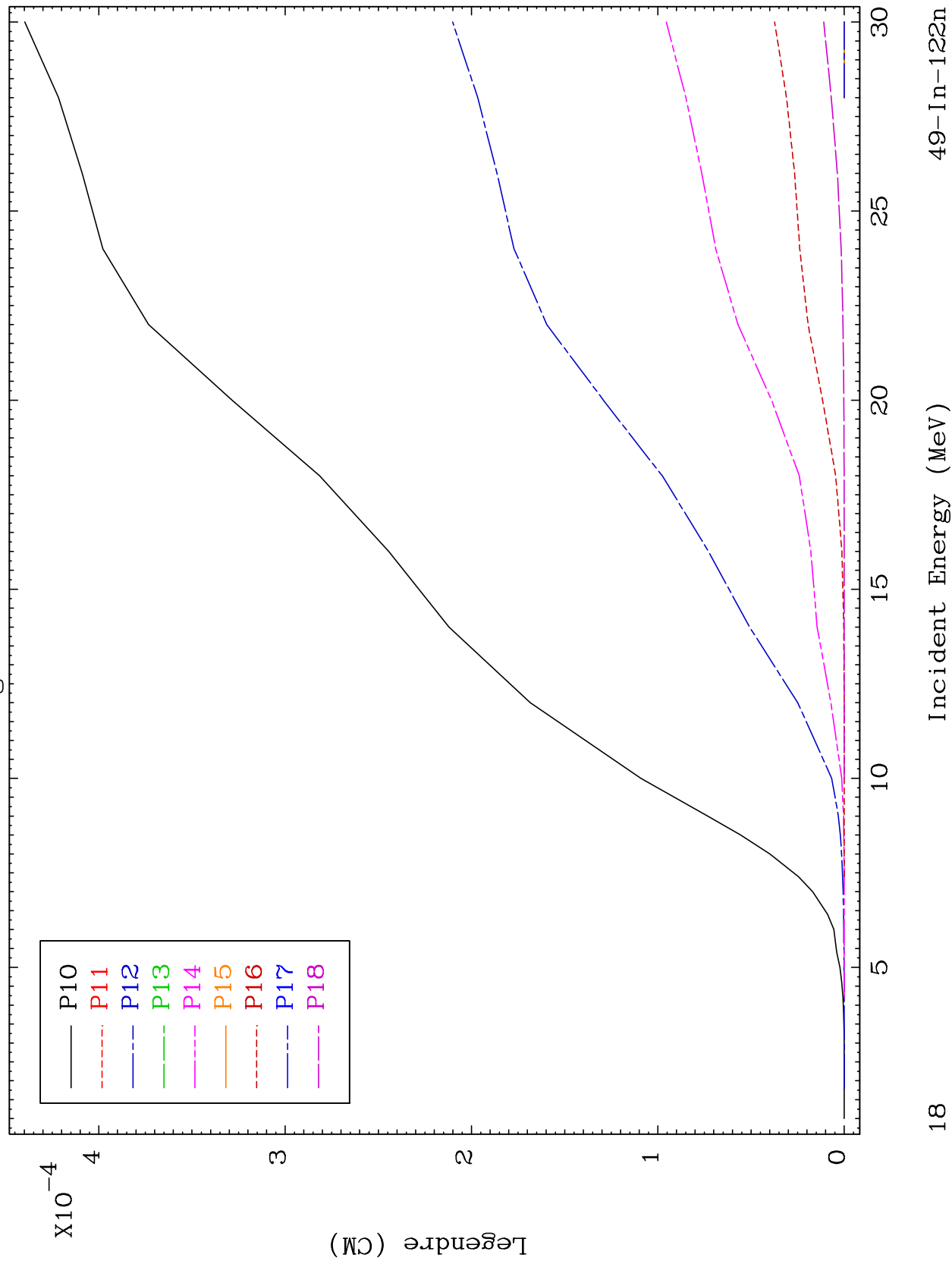




MAT 4954

Elastic Legendre Coefficients

49-In-122n



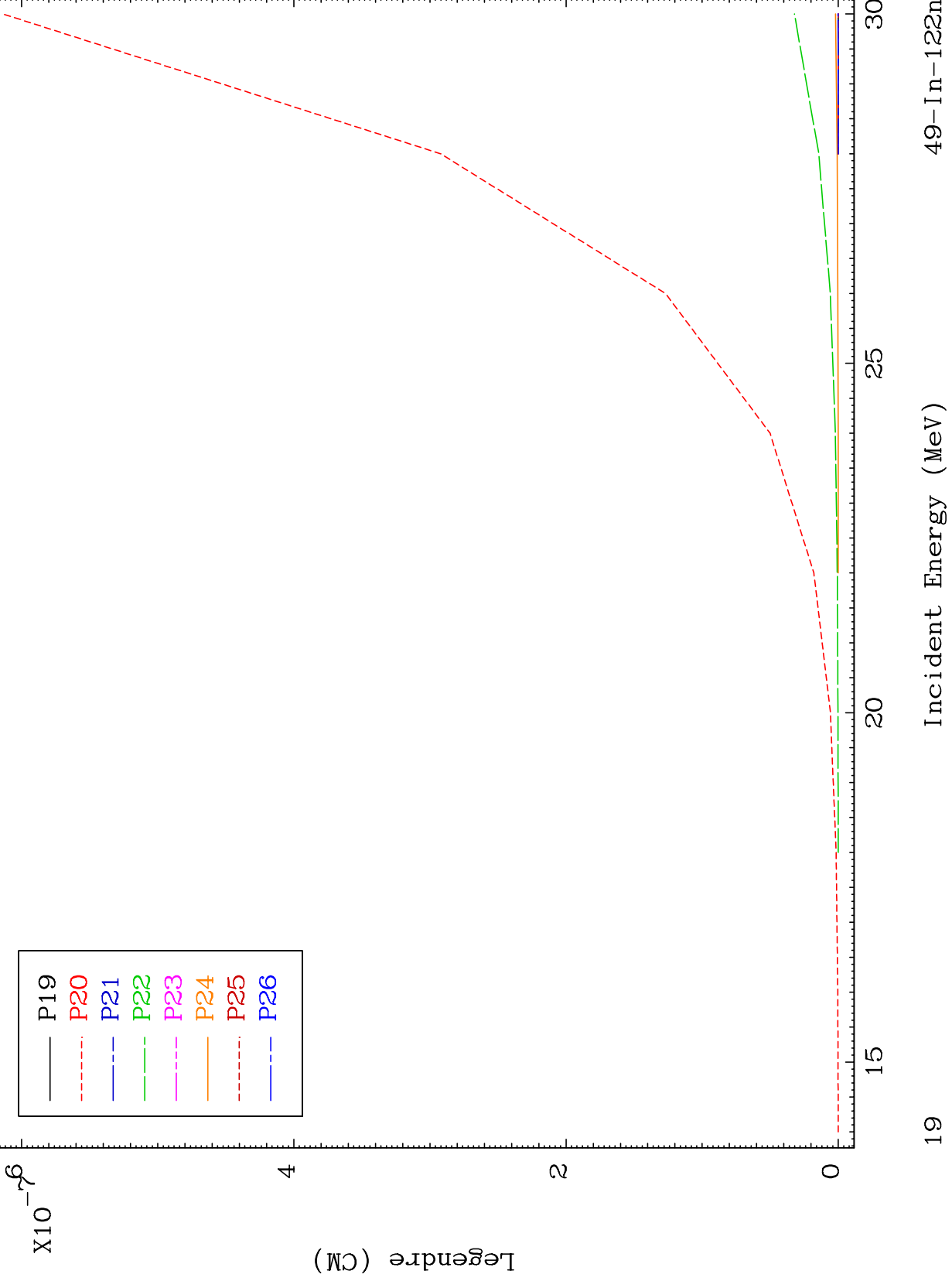
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

18

MAT 4954

Elastic Legendre Coefficients

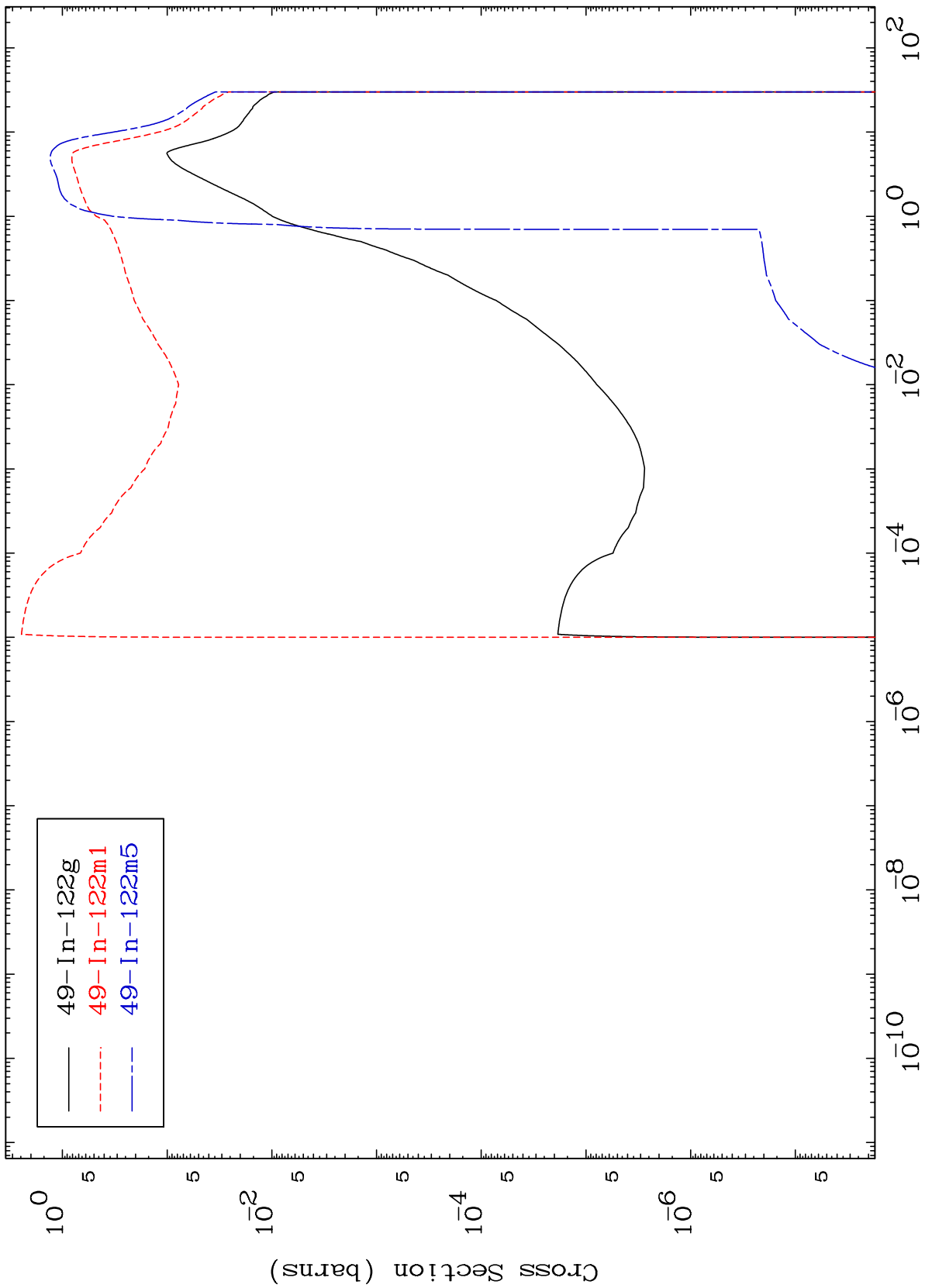
49-In-122n



MAT 4954

49-In-122n

Inelastic
Radionuclide Production Cross Section



20

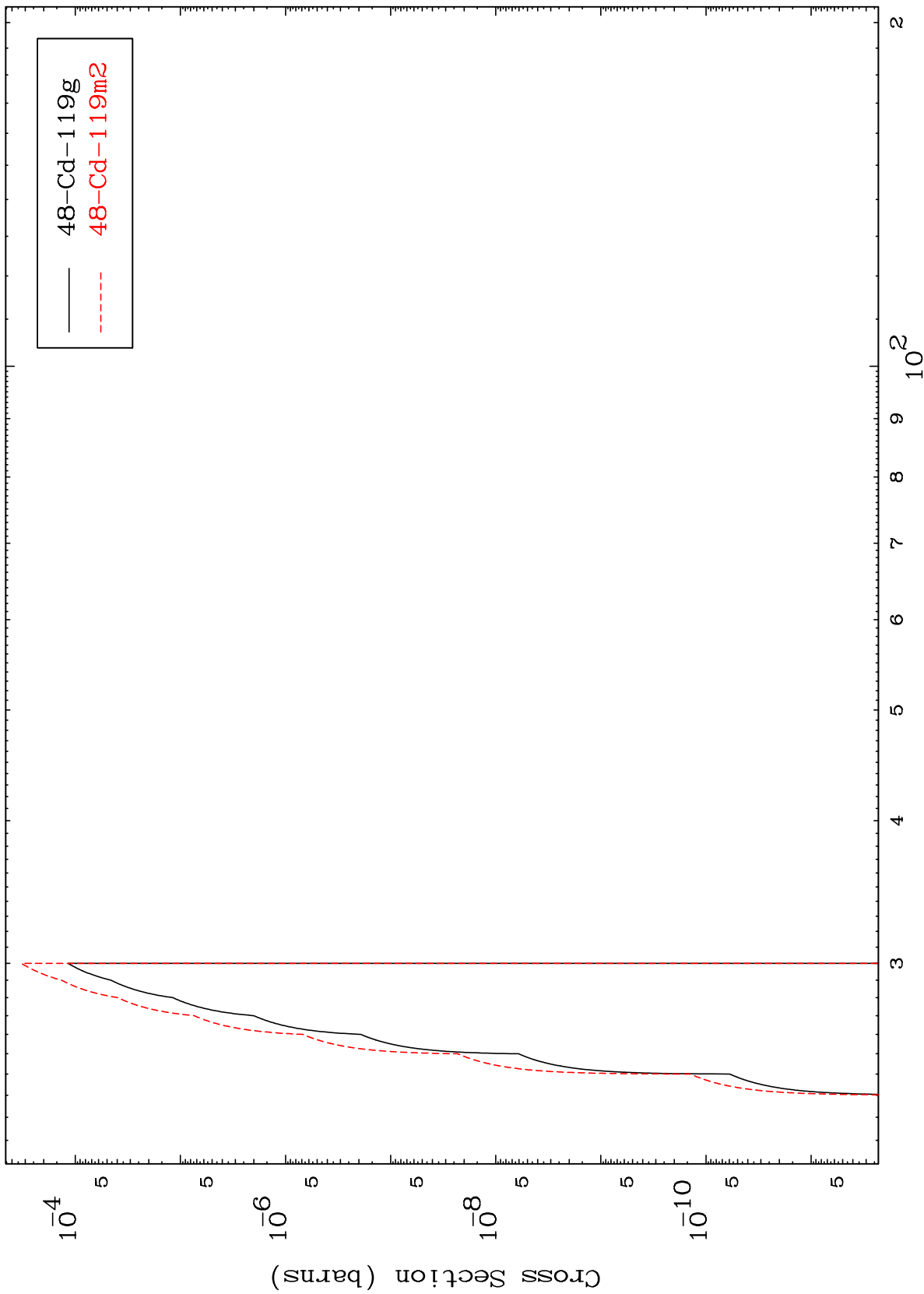
49-In-122n

MAT 4954

(n,2n) d

49-In-122n

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

21

Incident Energy (MeV)

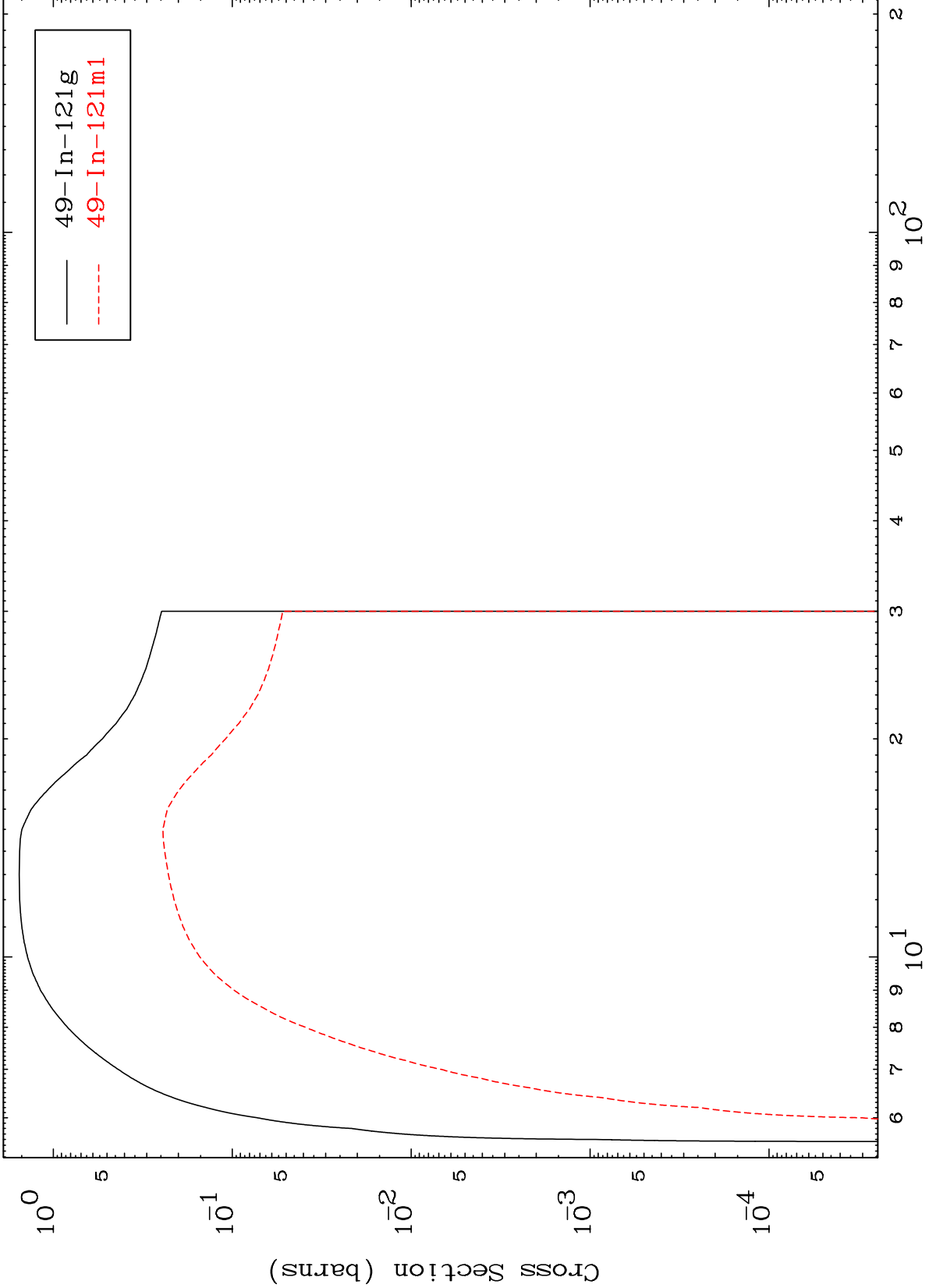
49-In-122n

MAT 4954

(n,2n)

49-In-122n

Radionuclide Production Cross Section



22

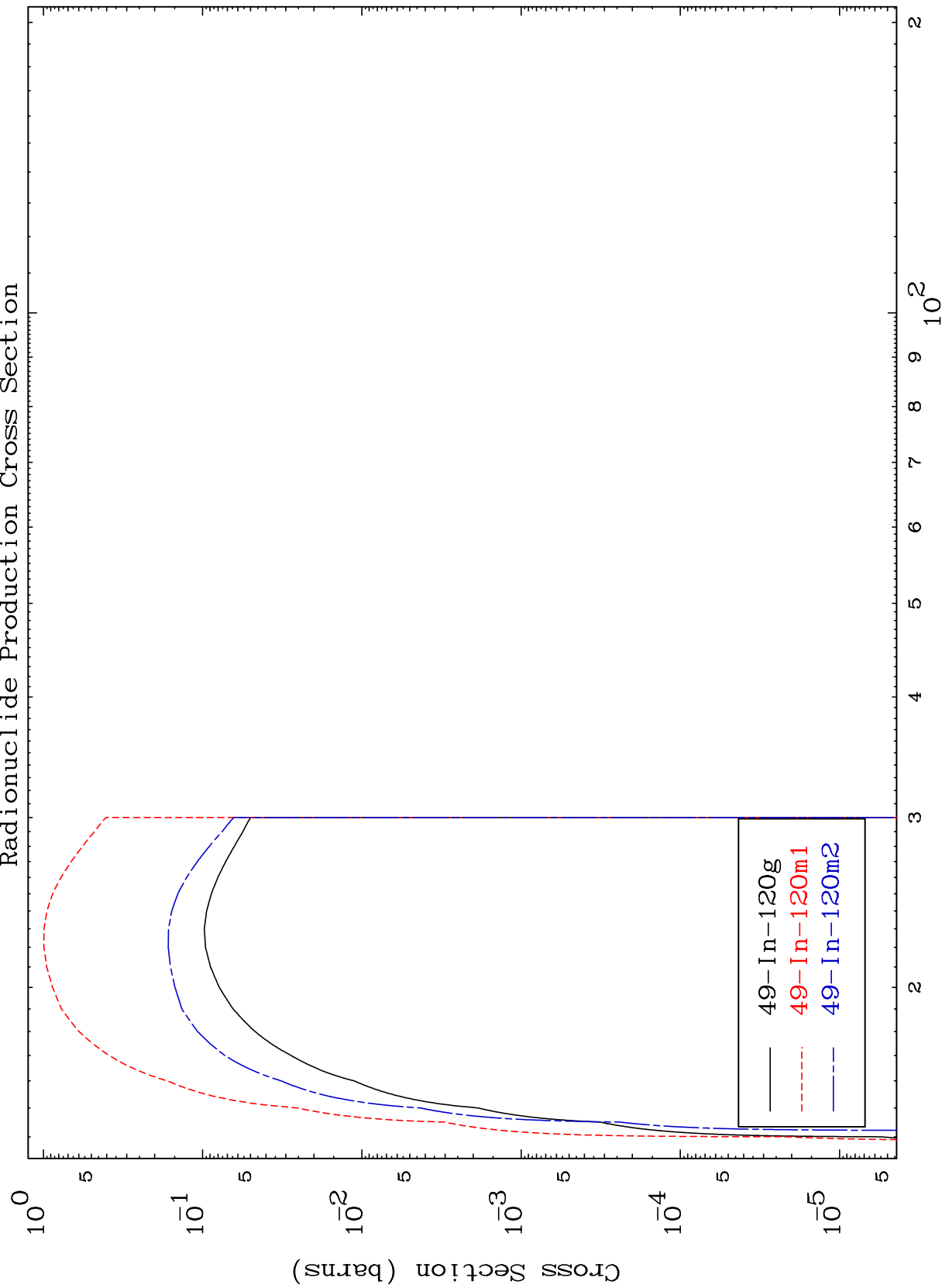
Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

(n,3n)
Radionuclide Production Cross Section



49-In-122n

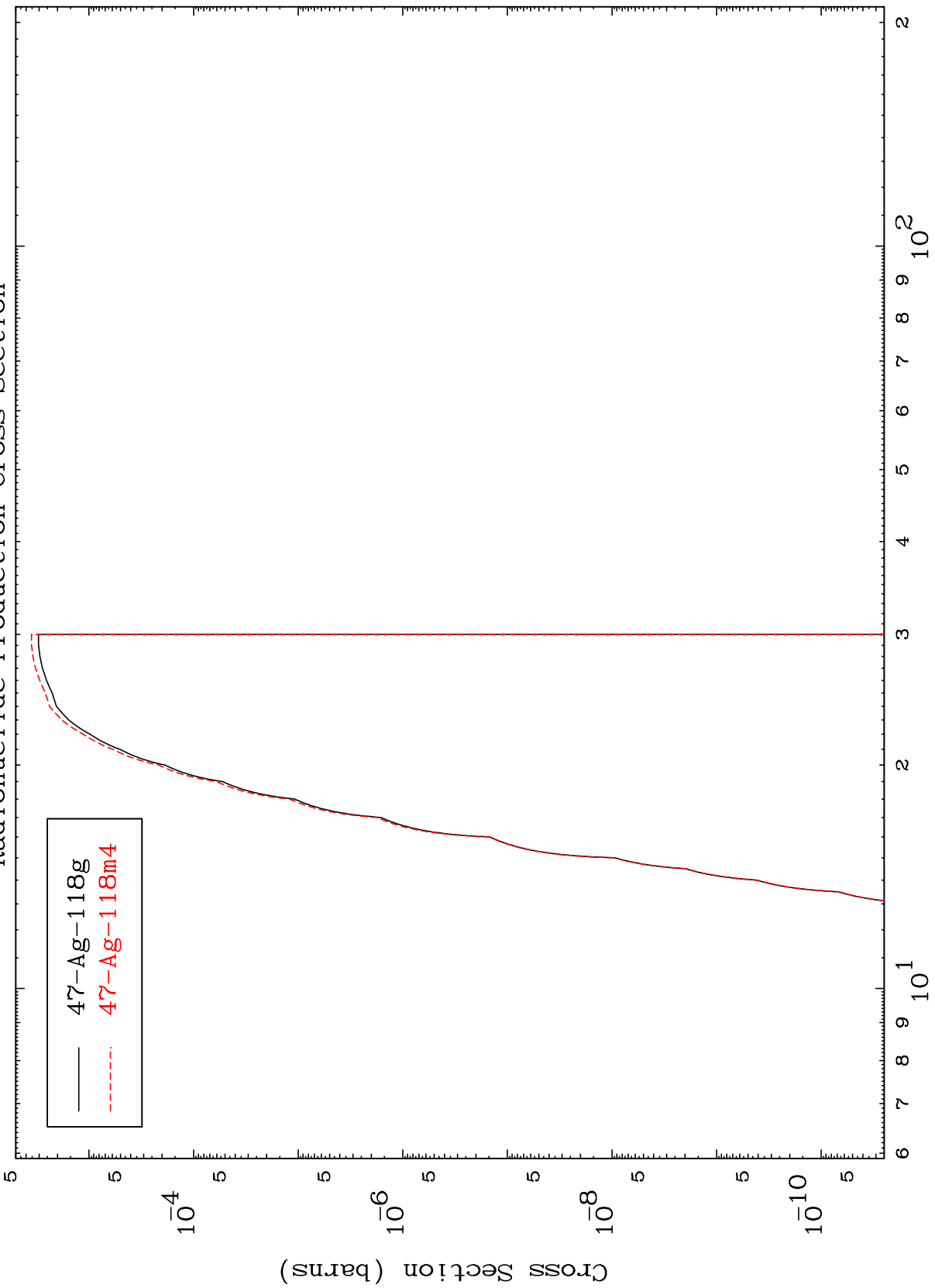
Incident Energy (MeV)

MAT 4954

49-In-122n

(n,n') α

Radionuclide Production Cross Section



Legend:
— 47-Ag-118g
- - - 47-Ag-118m4

49-In-122n

Incident Energy (MeV)

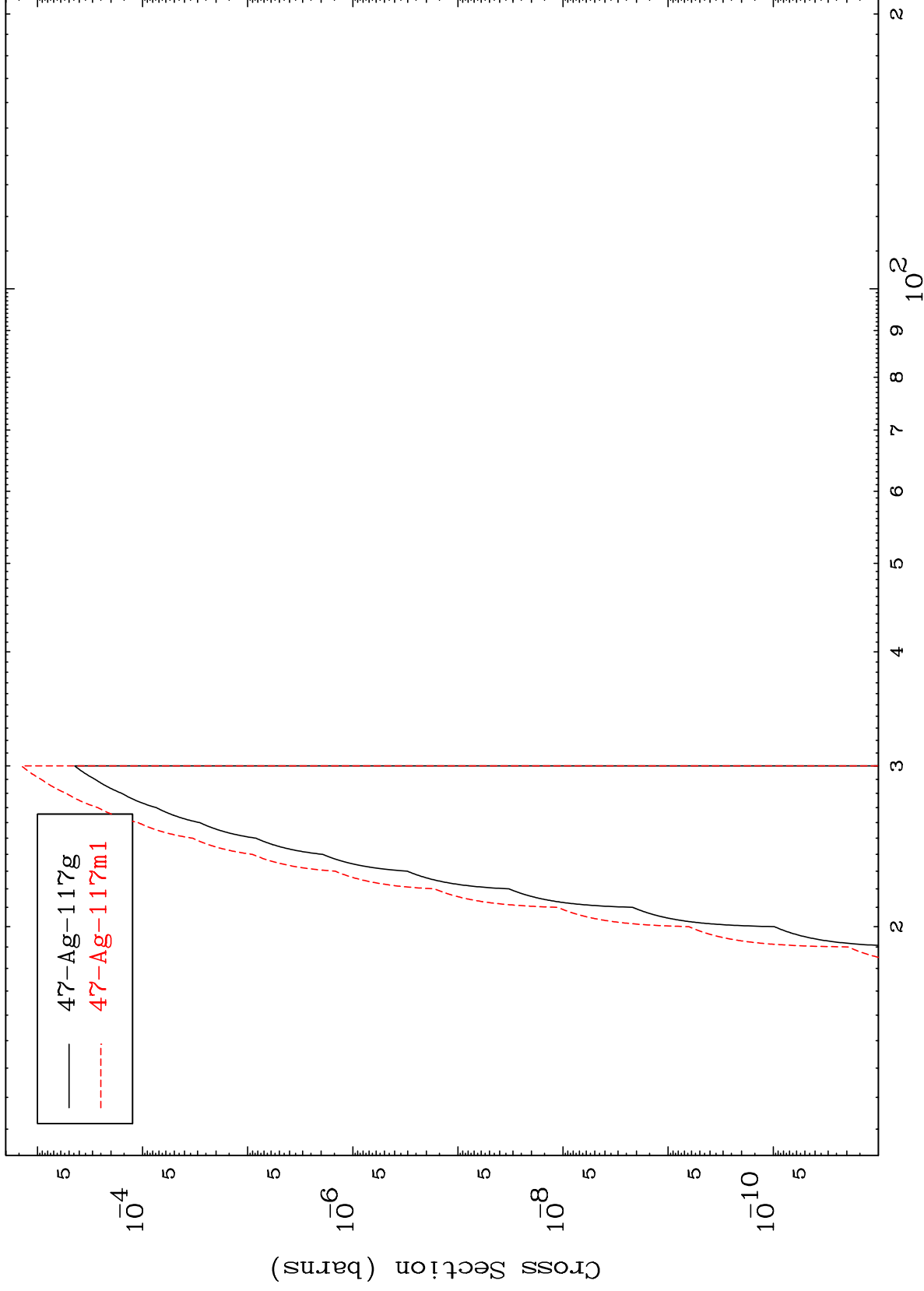
24

MAT 4954

(n,2n) α

49-In-122n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122n

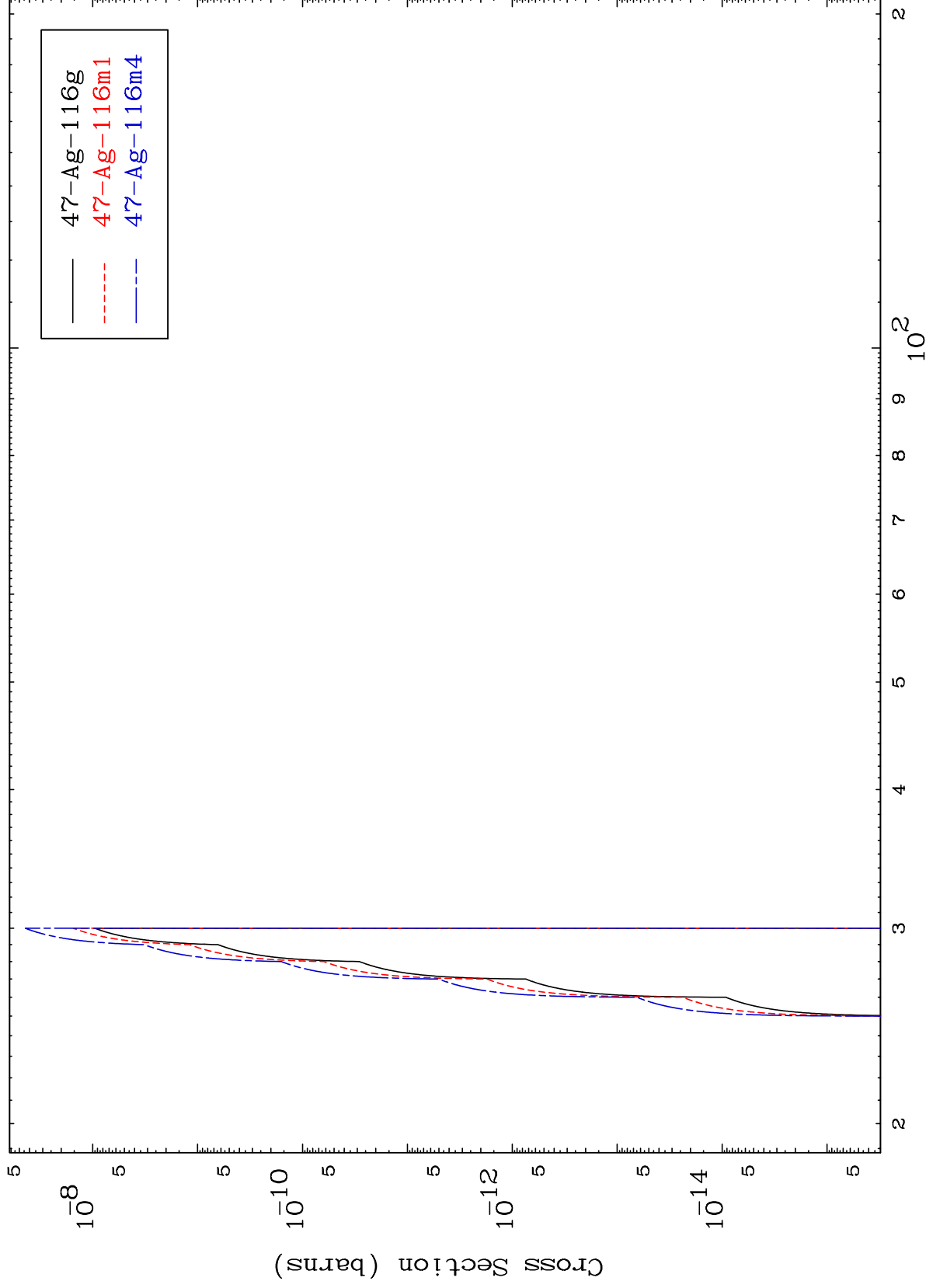
25

MAT 4954

(n,3n) α

49-In-122n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

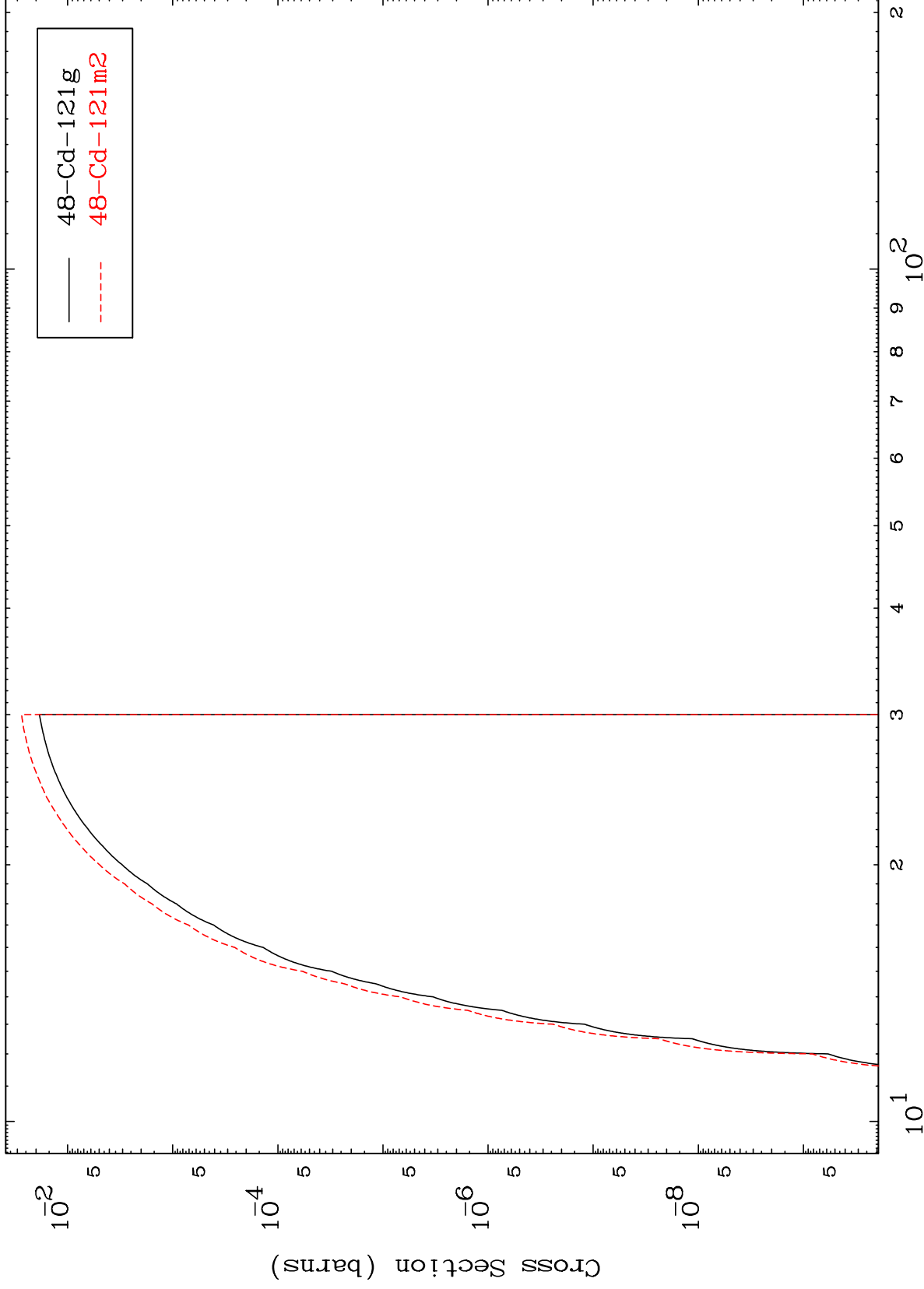
49-In-122n

MAT 4954

(n,n') p

49-In-122n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122n

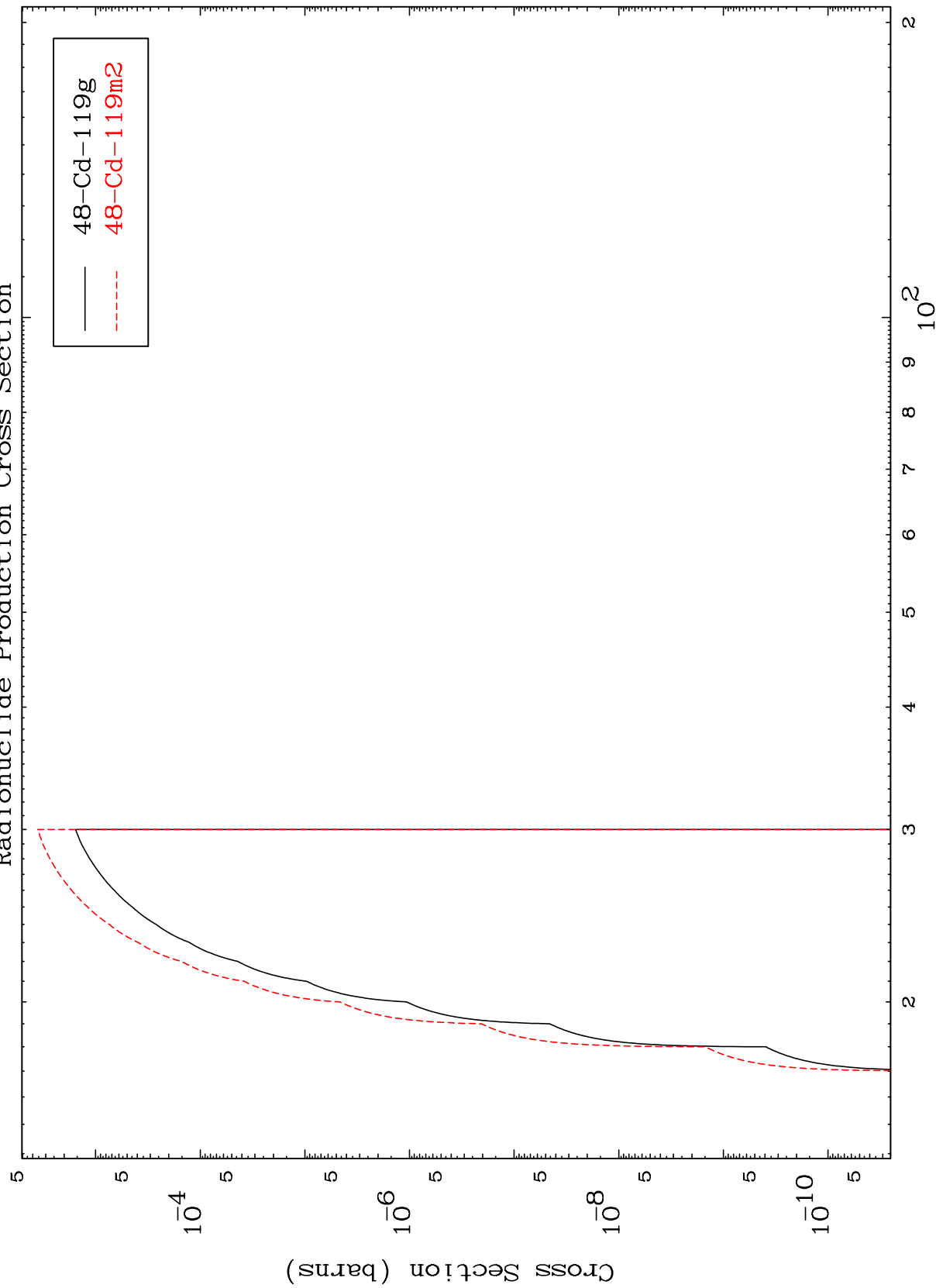
27

MAT 4954

(n,n') t

49-In-122n

Radionuclide Production Cross Section



28

Incident Energy (MeV)

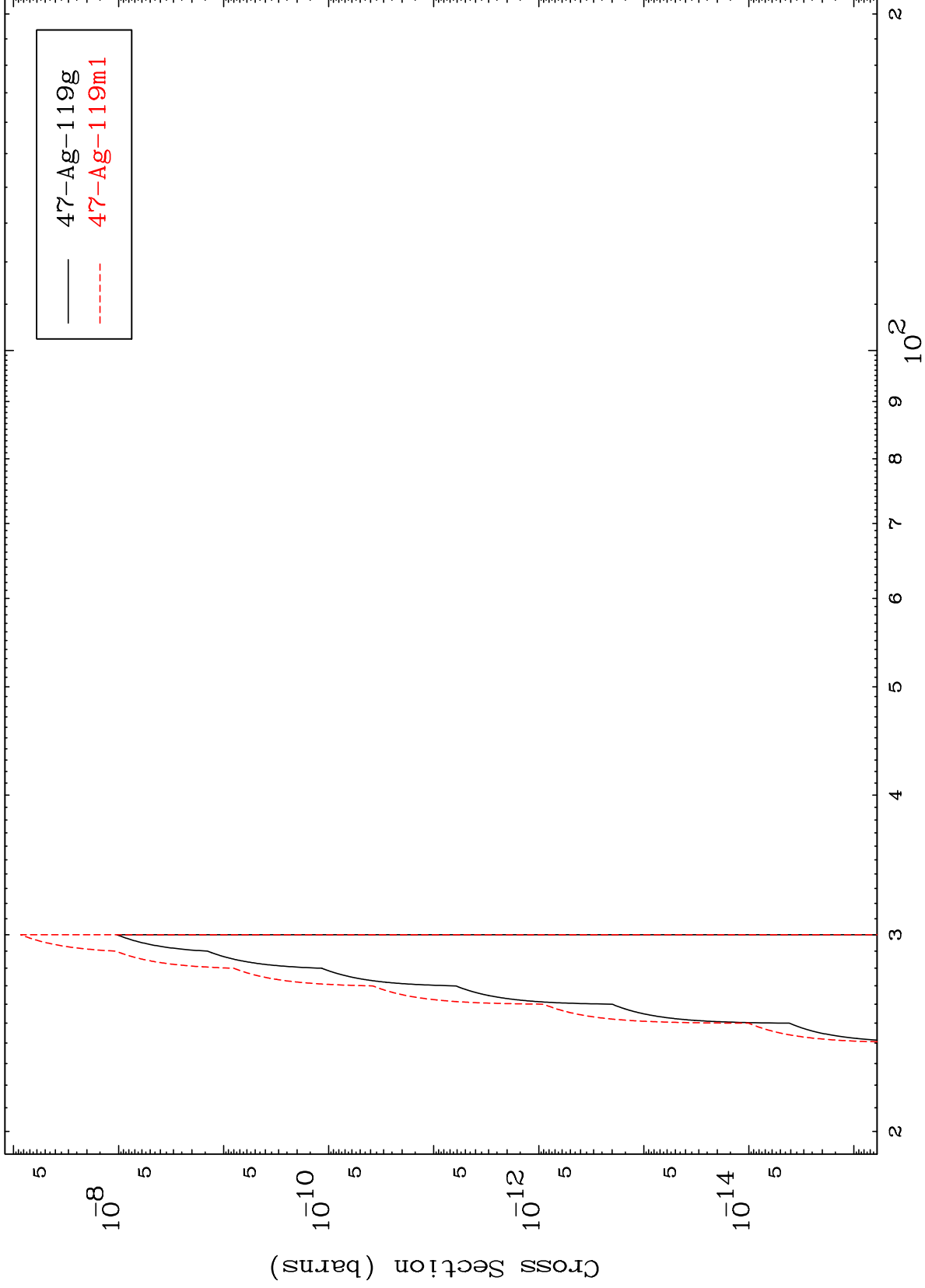
49-In-122n

MAT 4954

(n,n') He-3

49-In-122n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

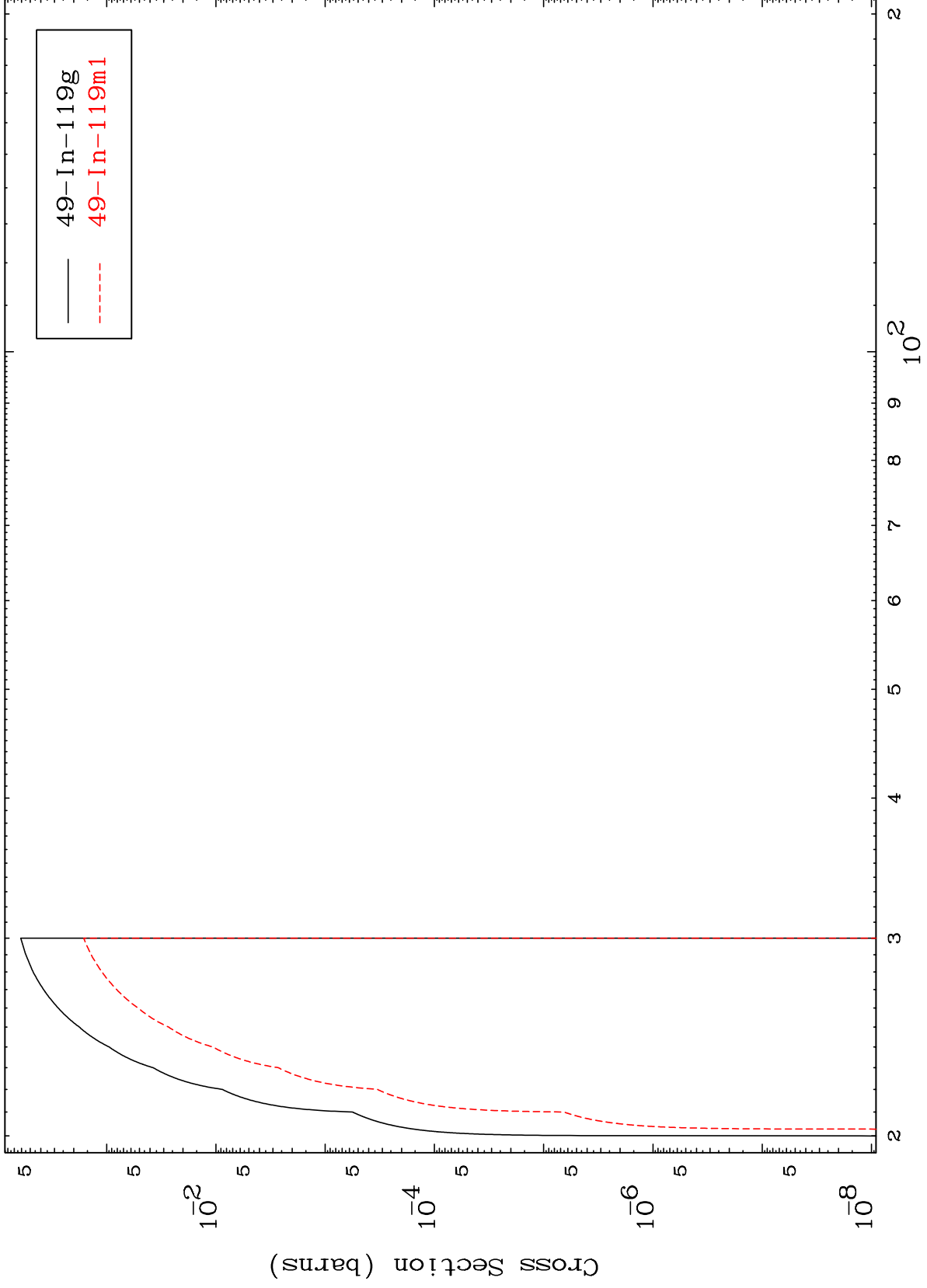
49-In-122n

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(n,4n)

49-In-122n

Radionuclide Production Cross Section



30

Incident Energy (MeV)

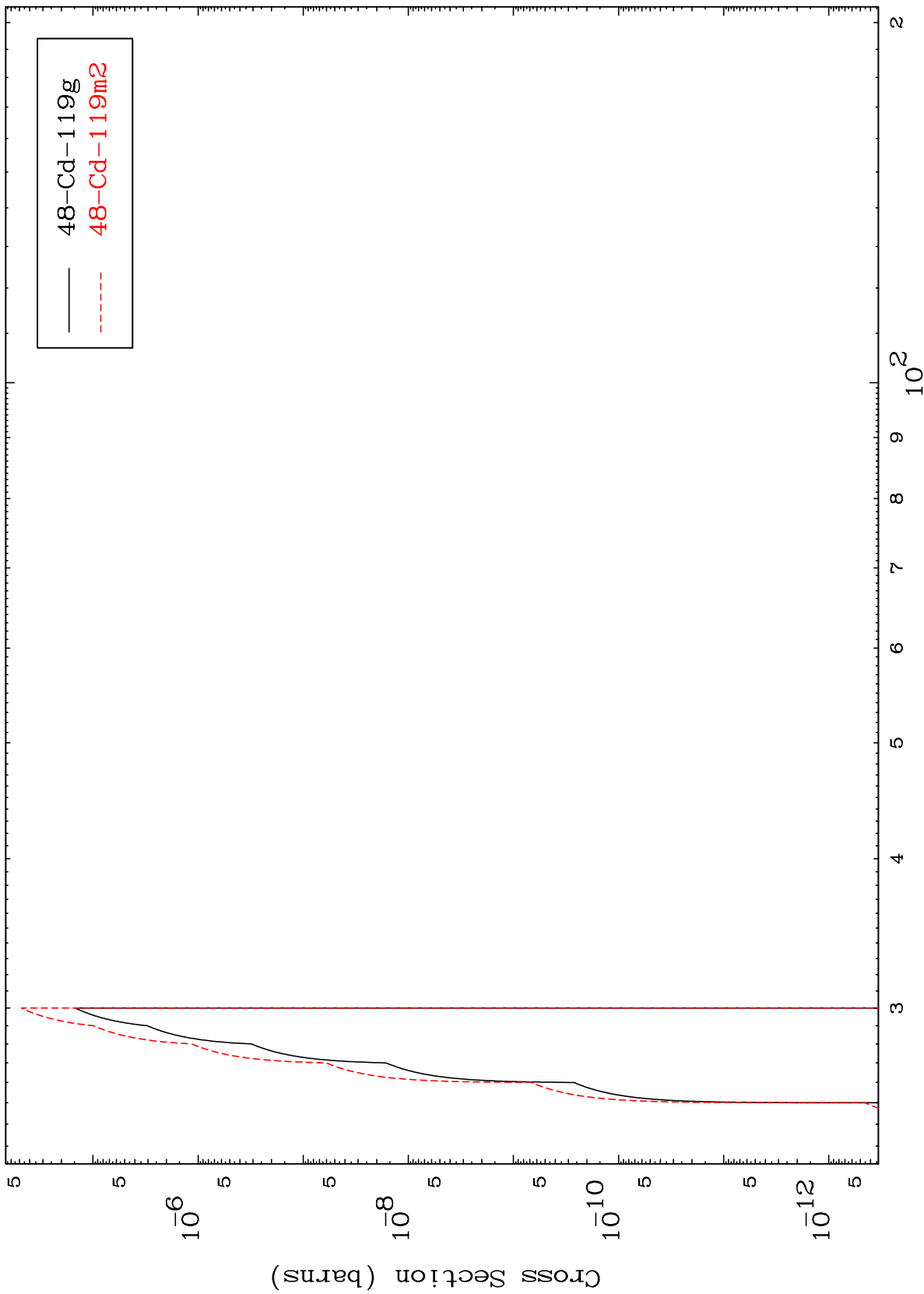
49-In-122n

MAT 4954

(n,3n) p

49-In-122n

Radionuclide Production Cross Section



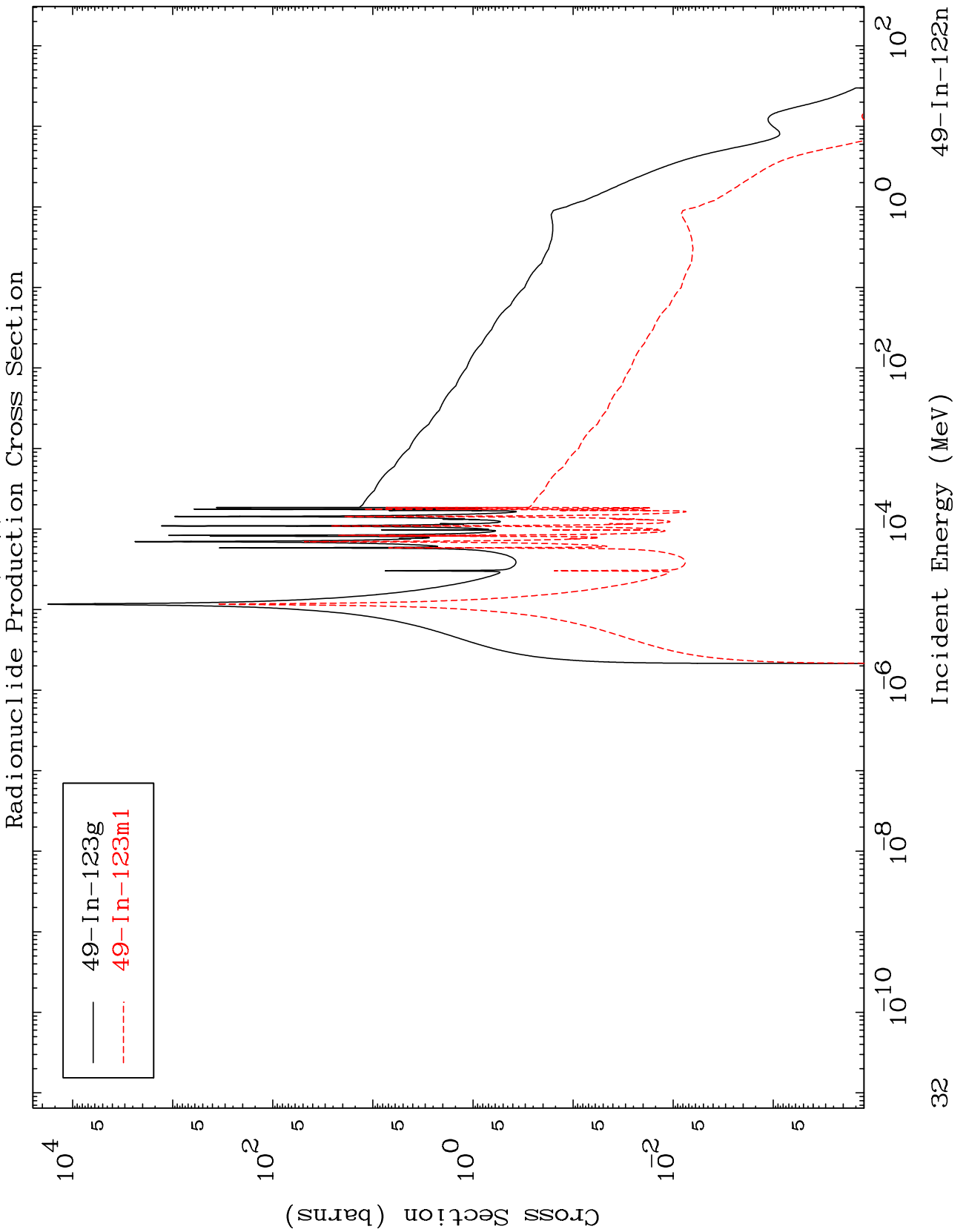
31

Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

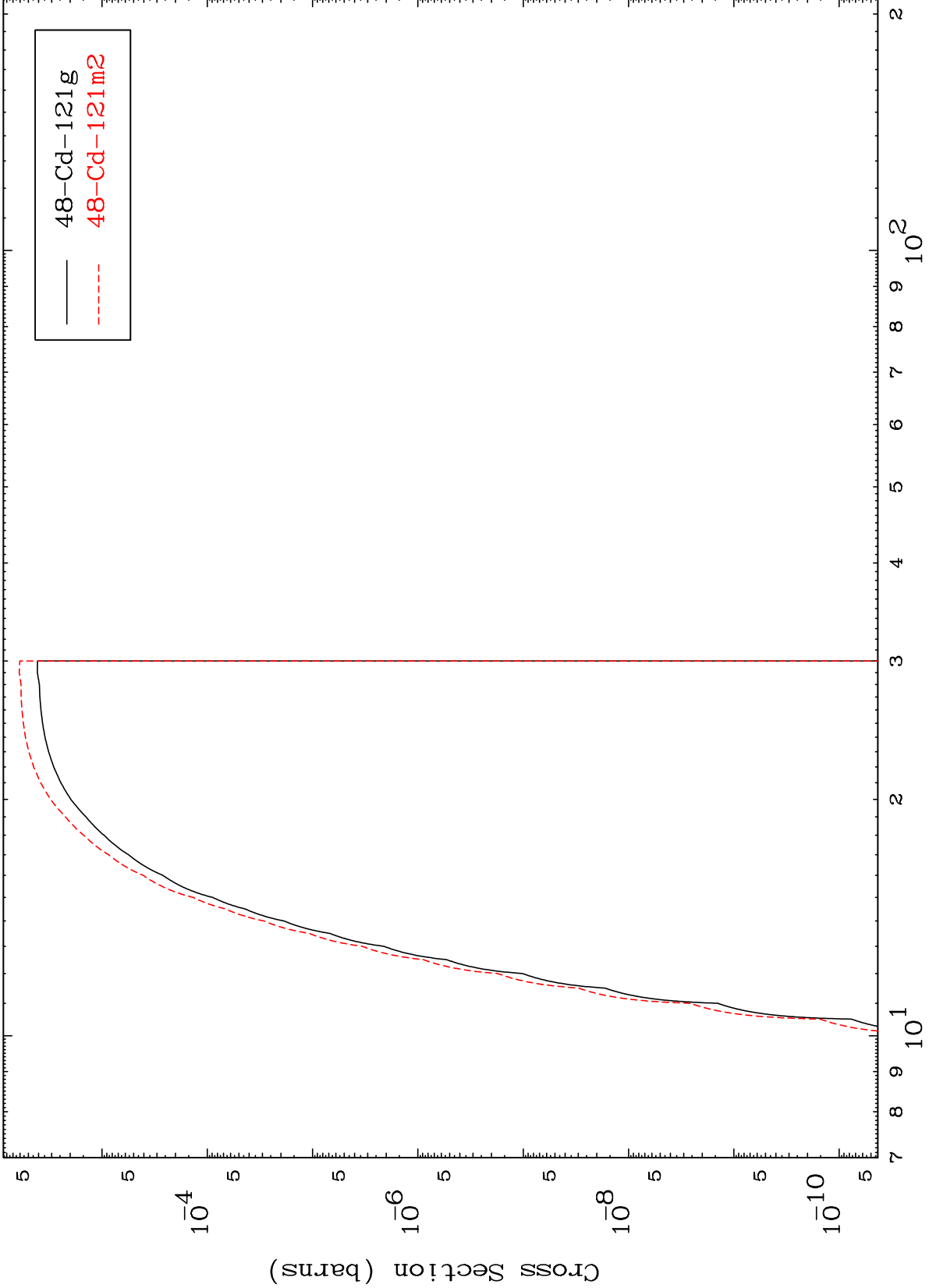


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(n,d)

49-In-122n

Radionuclide Production Cross Section



33

Incident Energy (MeV)

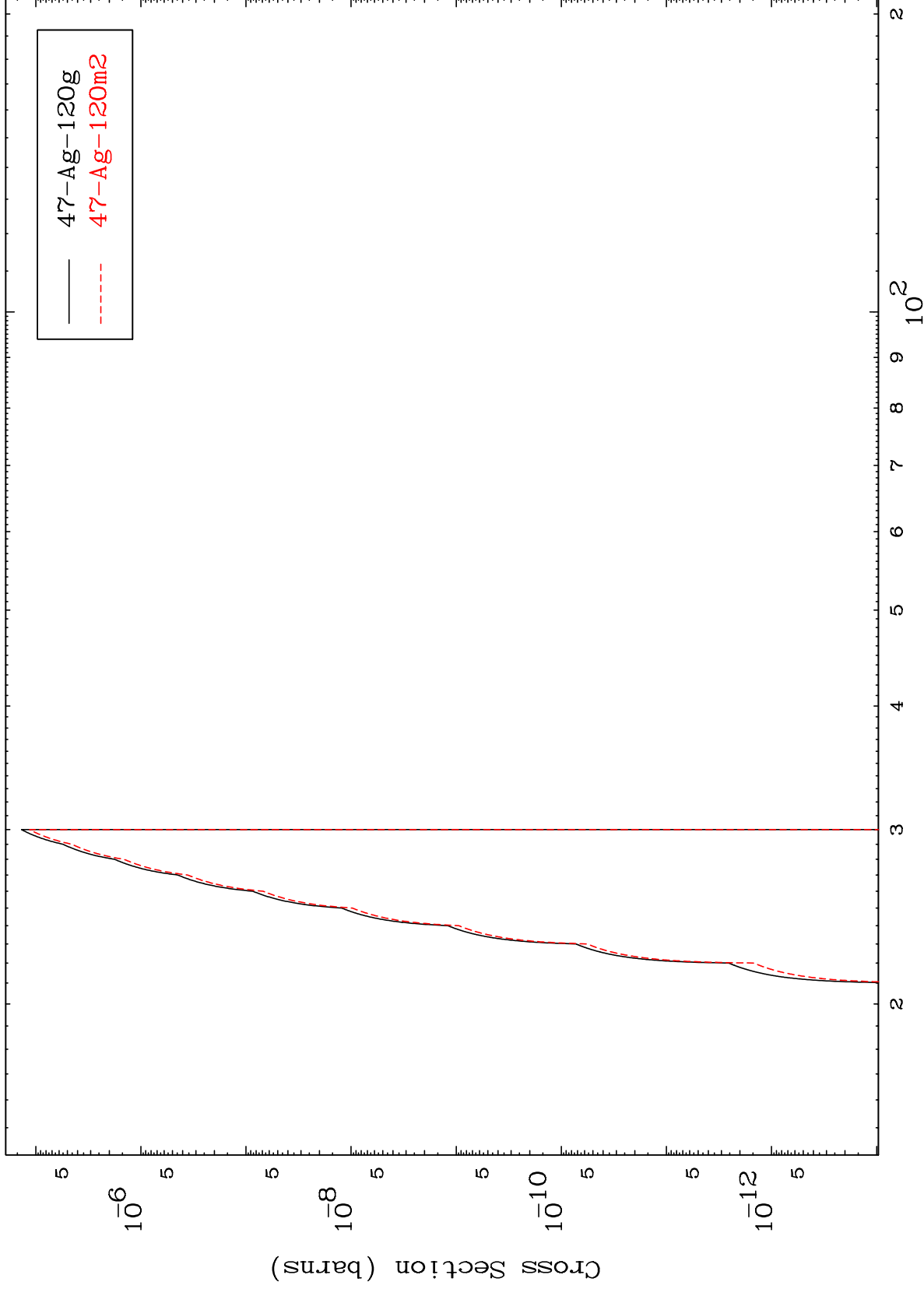
49-In-122n

MAT 4954

(n,He-3)

49-In-122n

Radionuclide Production Cross Section



34

Incident Energy (MeV)

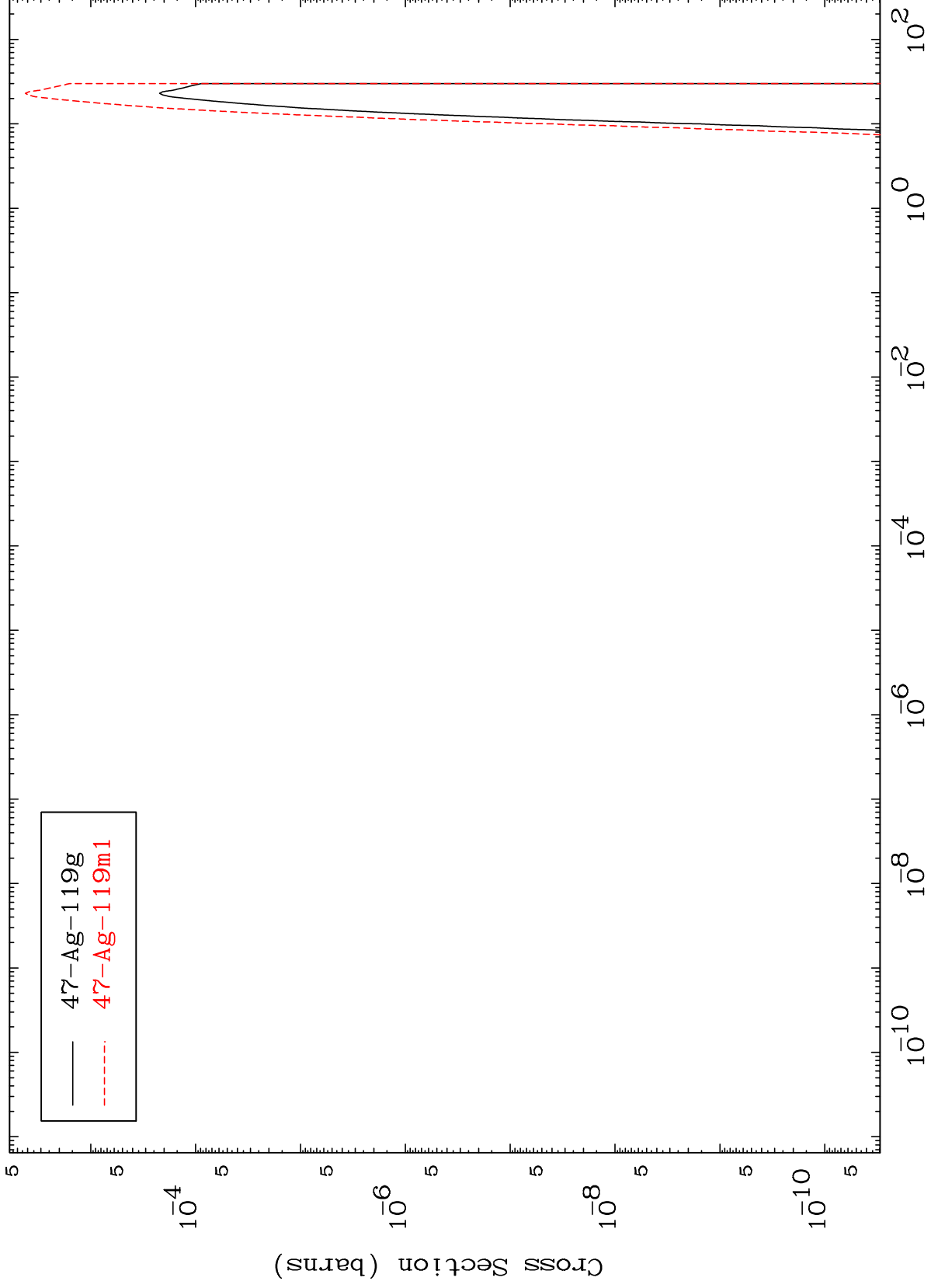
49-In-122n

MAT 4954

(n, α)

49-In-122n

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-122n