

Program EVALPLOT  
(Version 2021-1)

by

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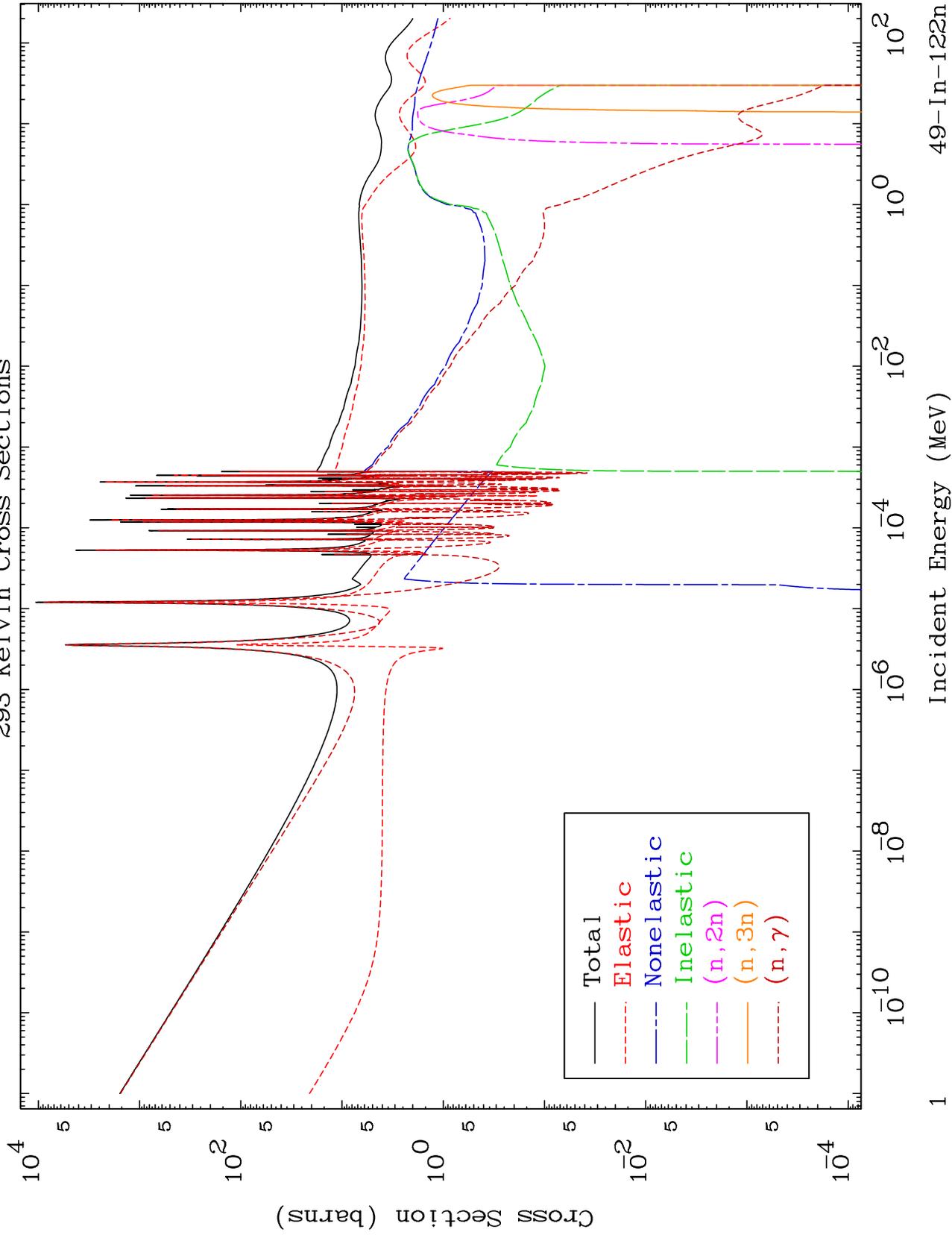
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Press Mouse Button to Start

MAT 4954

Neutron Major  
293 Kelvin Cross Sections

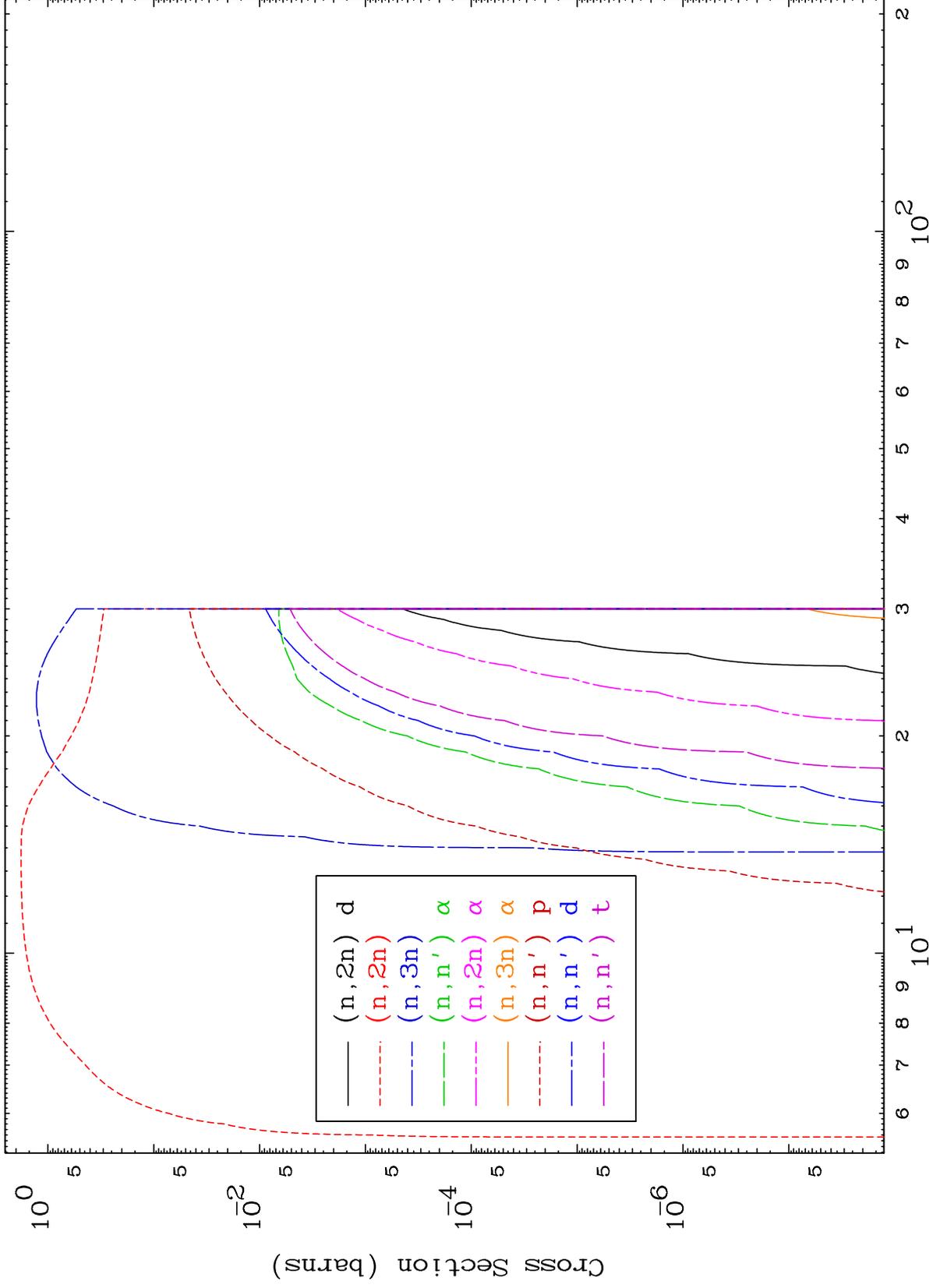
49-In-122n



MAT 4954

Neutron Absorption  
293 Kelvin Cross Sections

49-In-122n



2

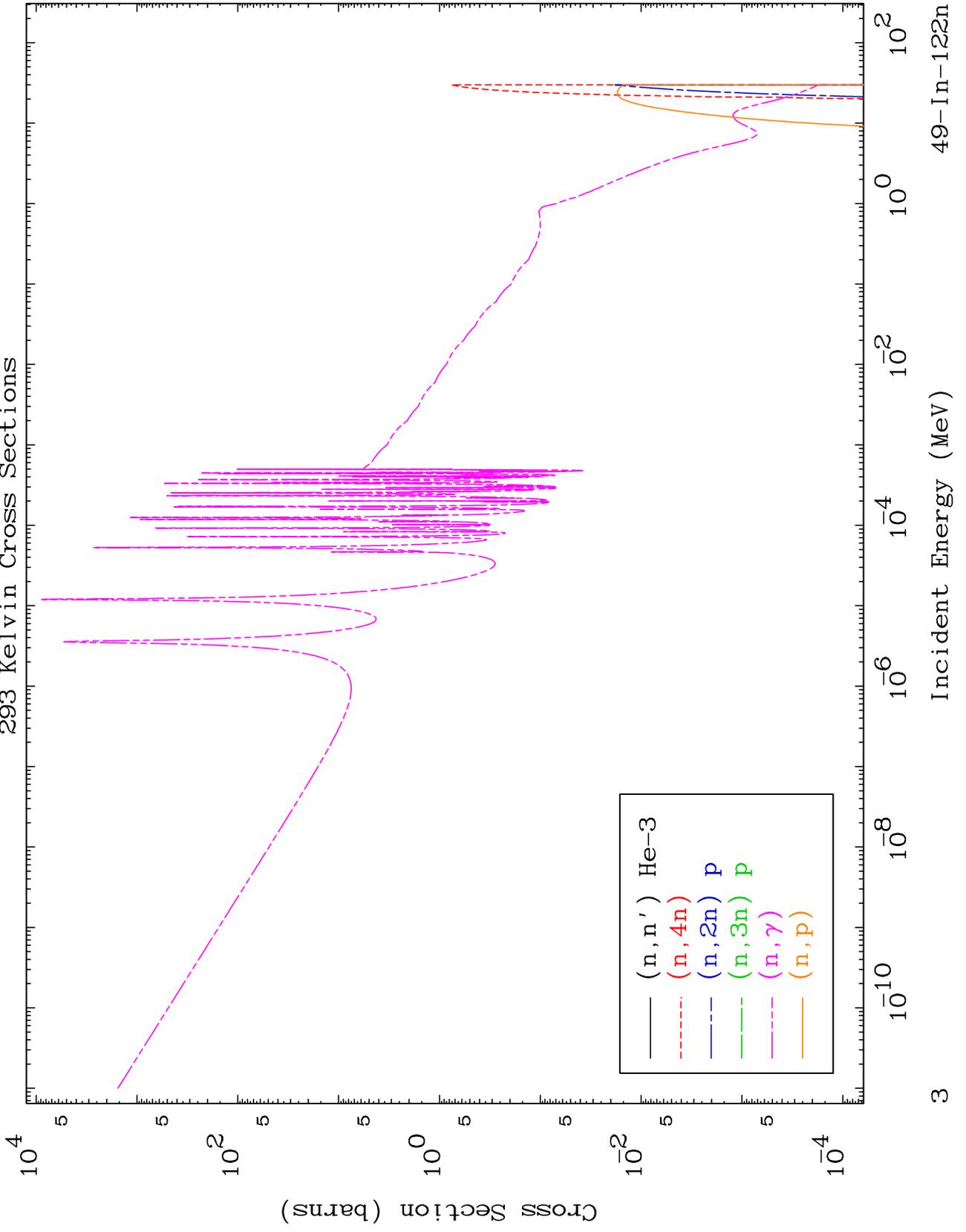
Incident Energy (MeV)

49-In-122n

MAT 4954

Neutron Absorption  
293 Kelvin Cross Sections

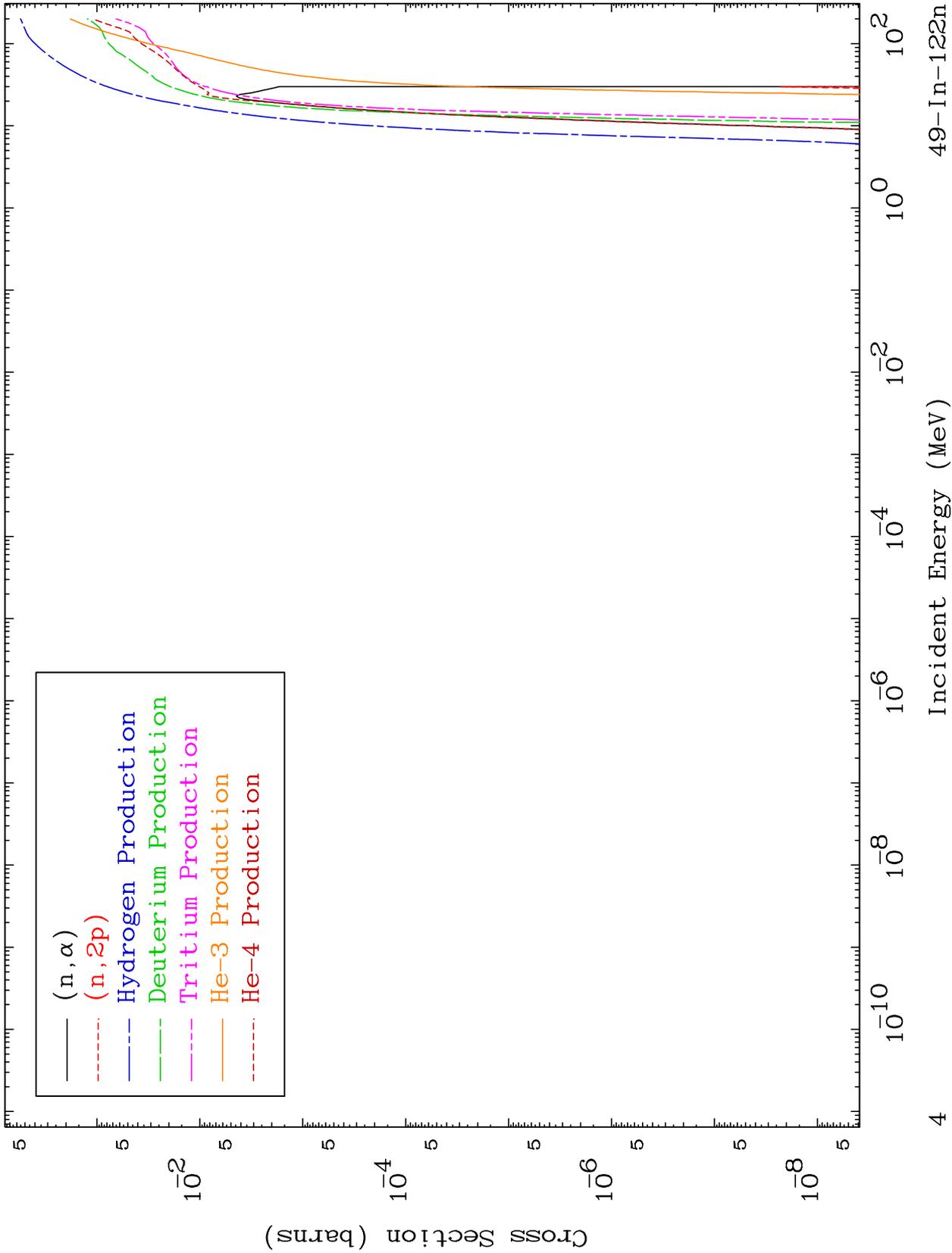
49-In-122n



MAT 4954

Neutron Absorption  
293 Kelvin Cross Sections

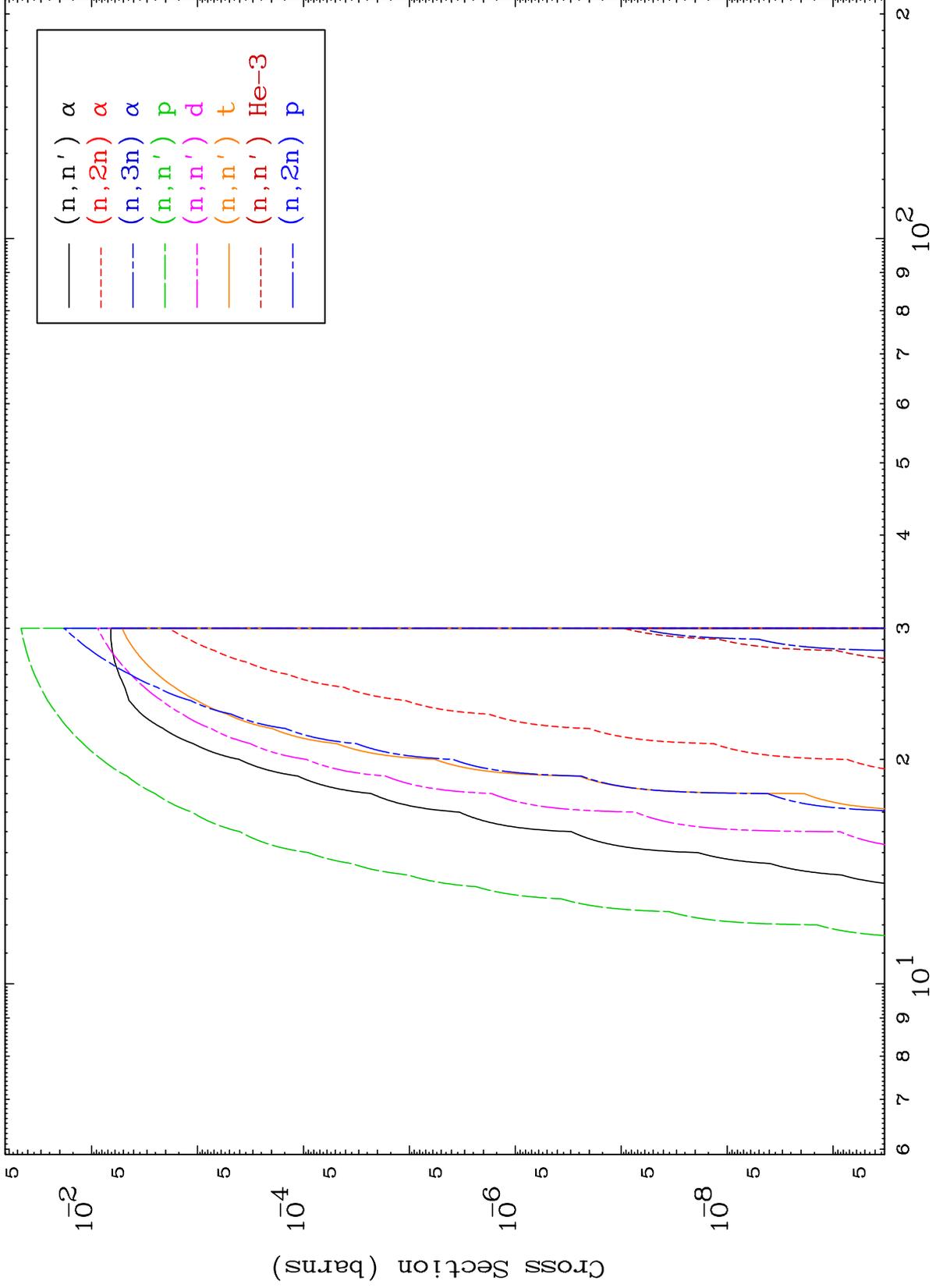
49-In-122n



MAT 4954

Charged Particle  
293 Kelvin Cross Sections

49-In-122n



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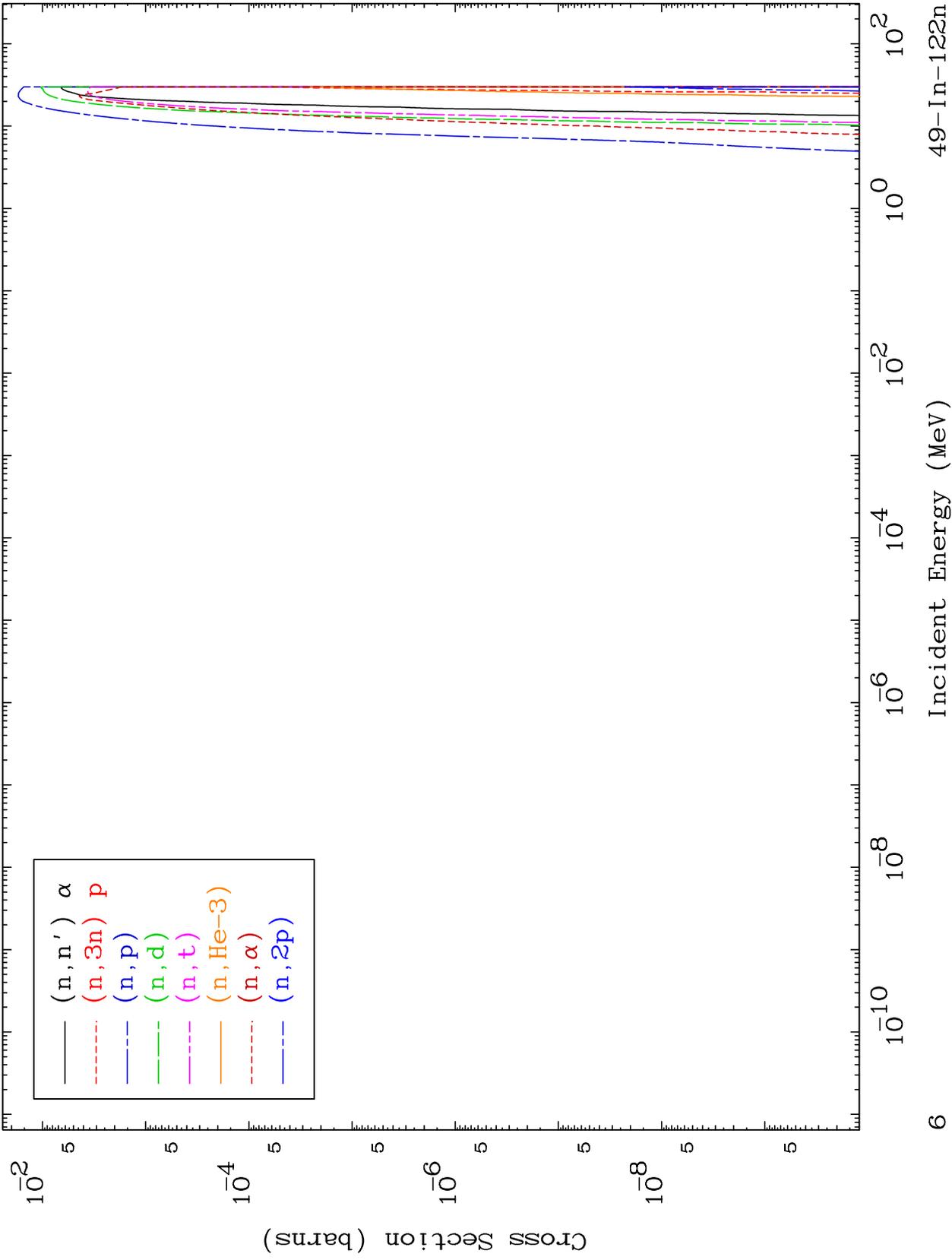
Incident Energy (MeV)

49-In-122n

MAT 4954

Charged Particle  
293 Kelvin Cross Sections

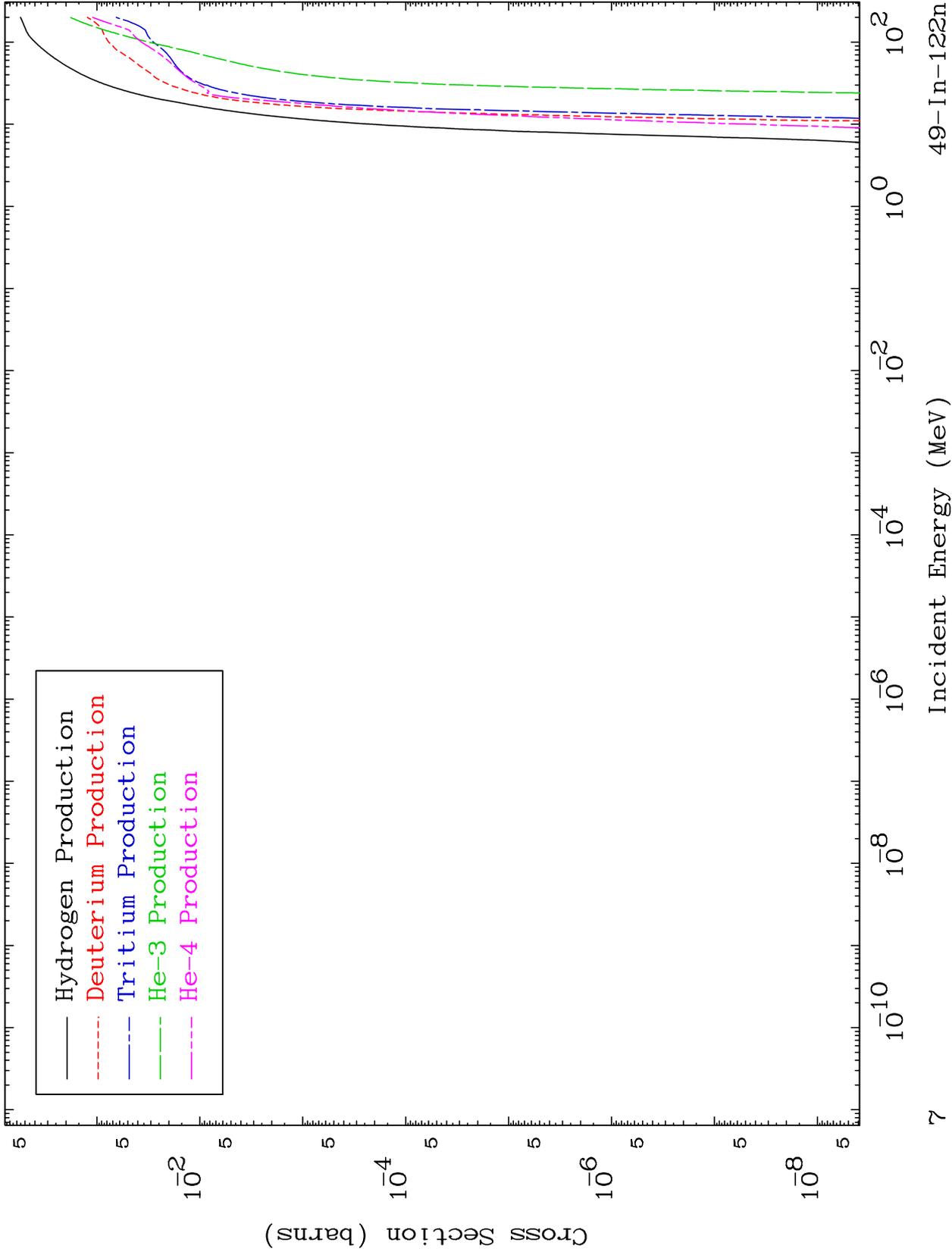
49-In-122n



MAT 4954

Particle Production  
293 Kelvin Cross Sections

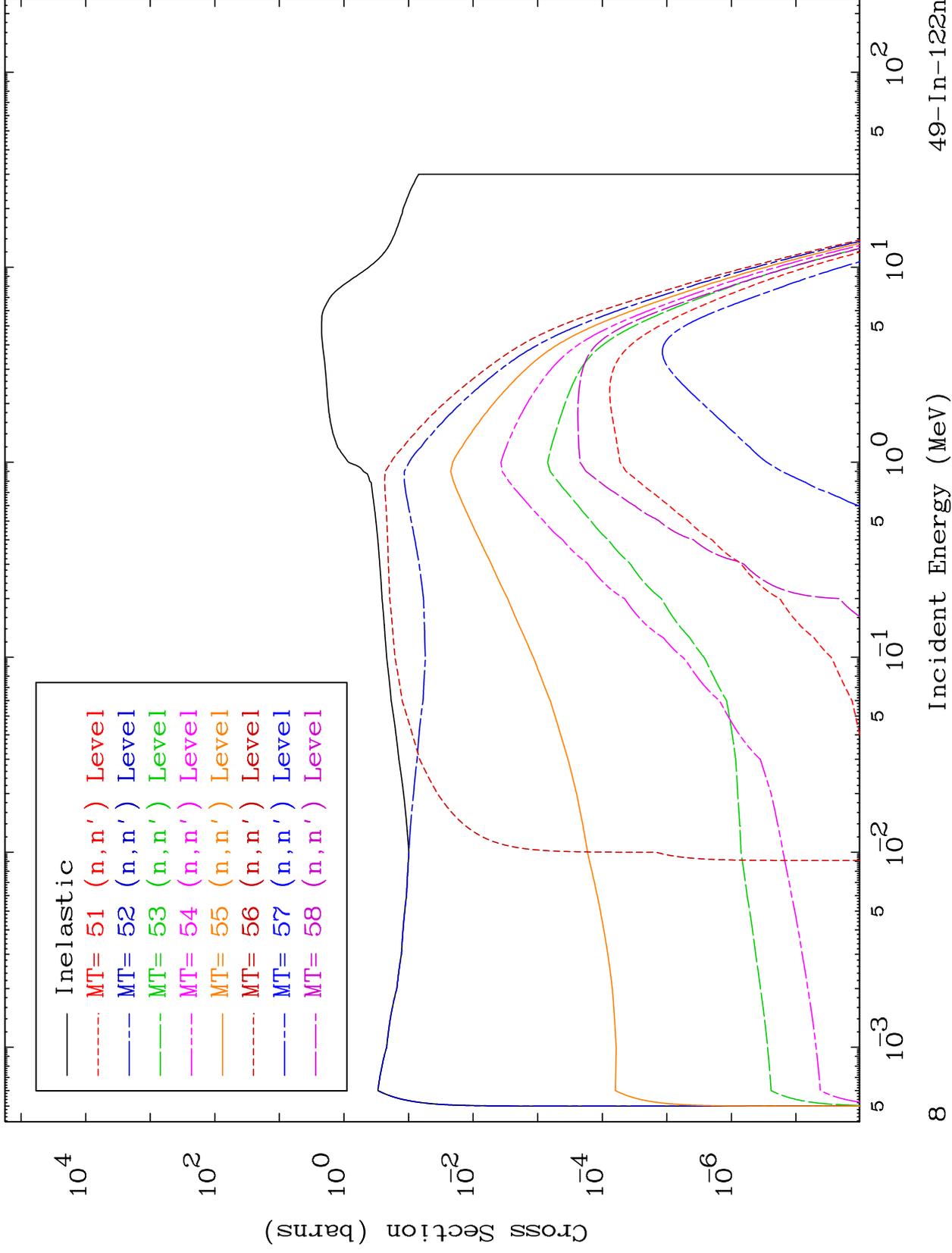
49-In-122n



MAT 4954

(n,n') Levels  
293 Kelvin Cross Sections

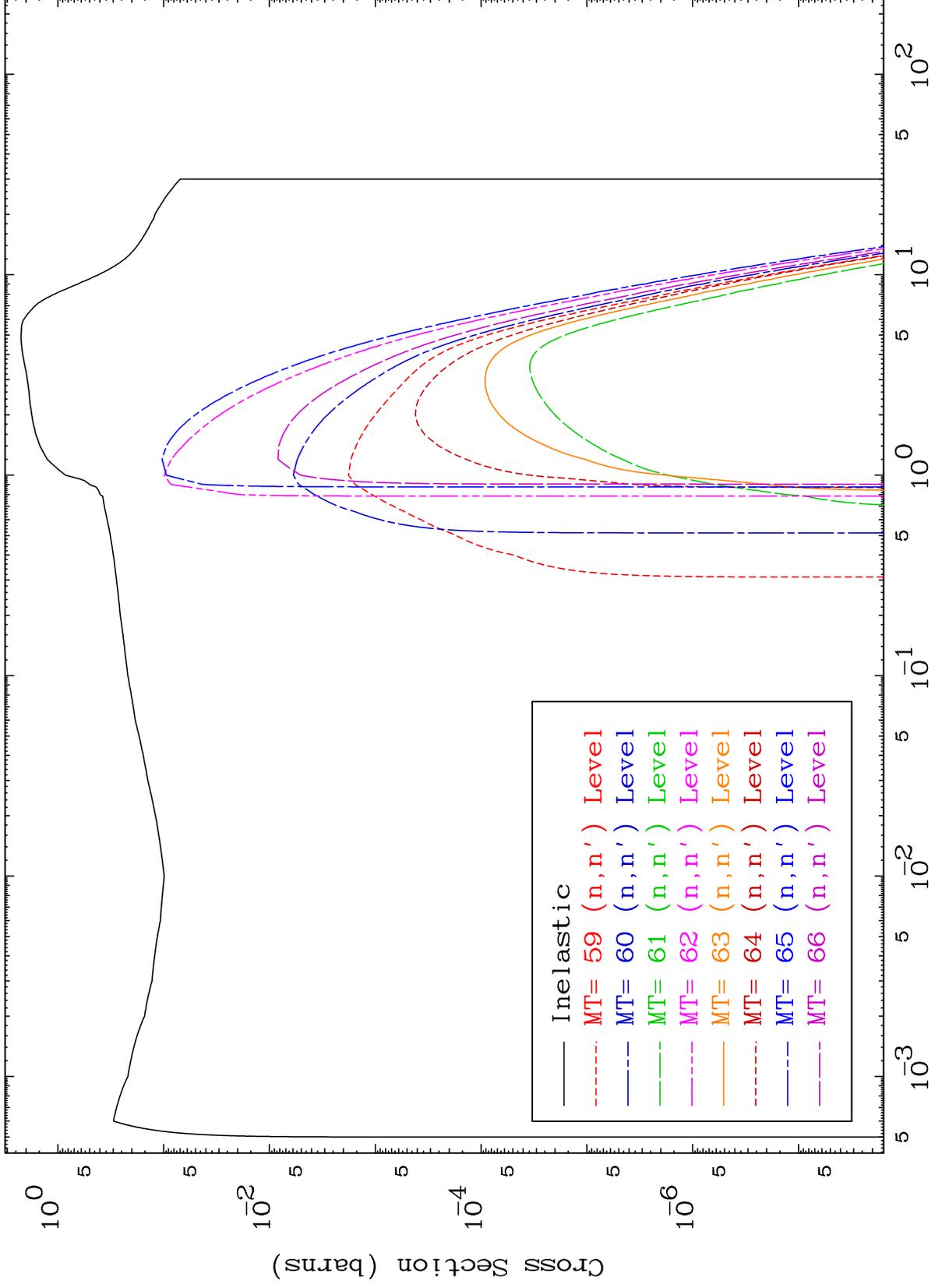
49-In-122n



MAT 4954

(n,n') Levels  
293 Kelvin Cross Sections

49-In-122n



9

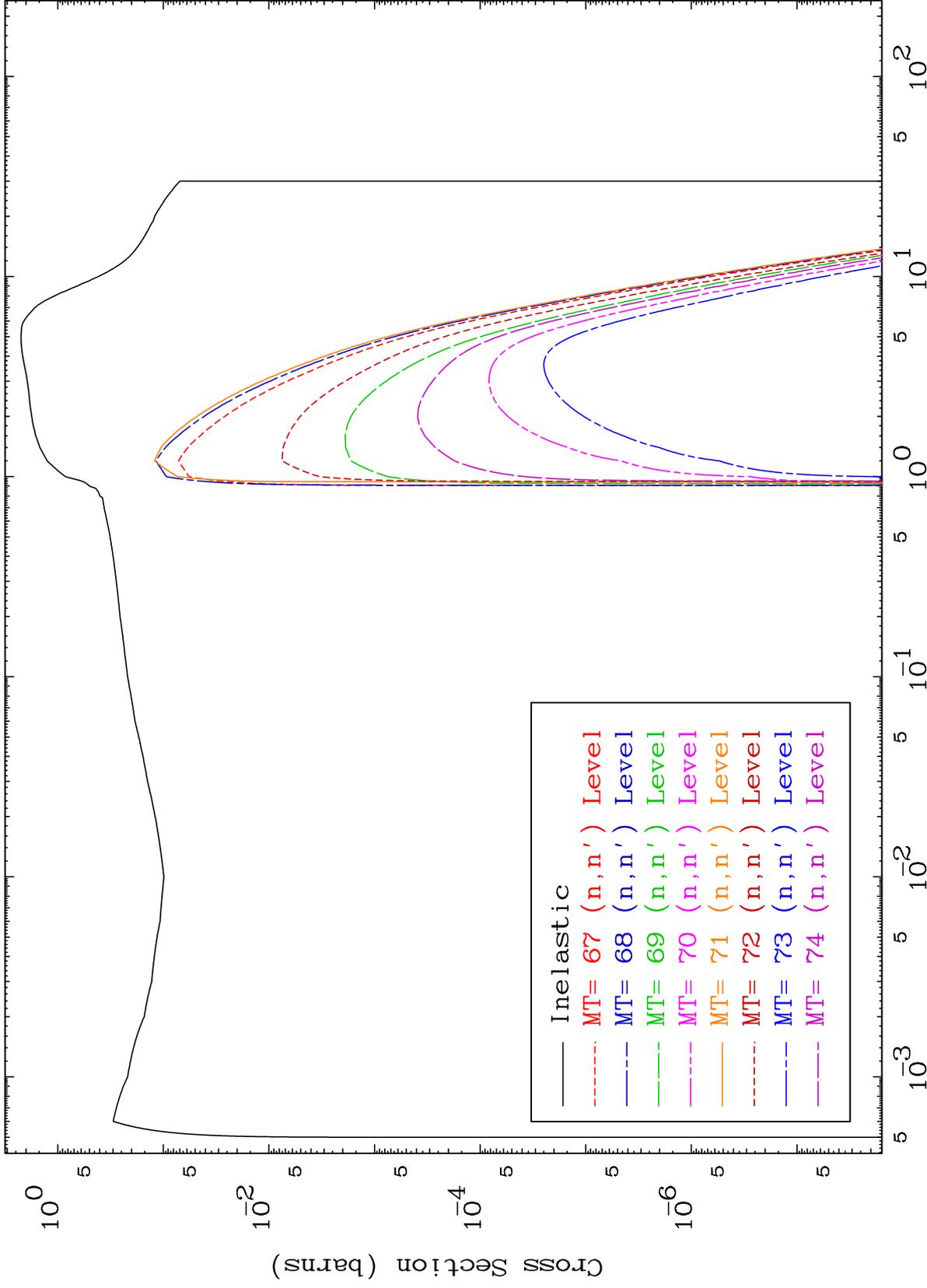
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,n') Levels  
293 Kelvin Cross Sections

49-In-122n



10

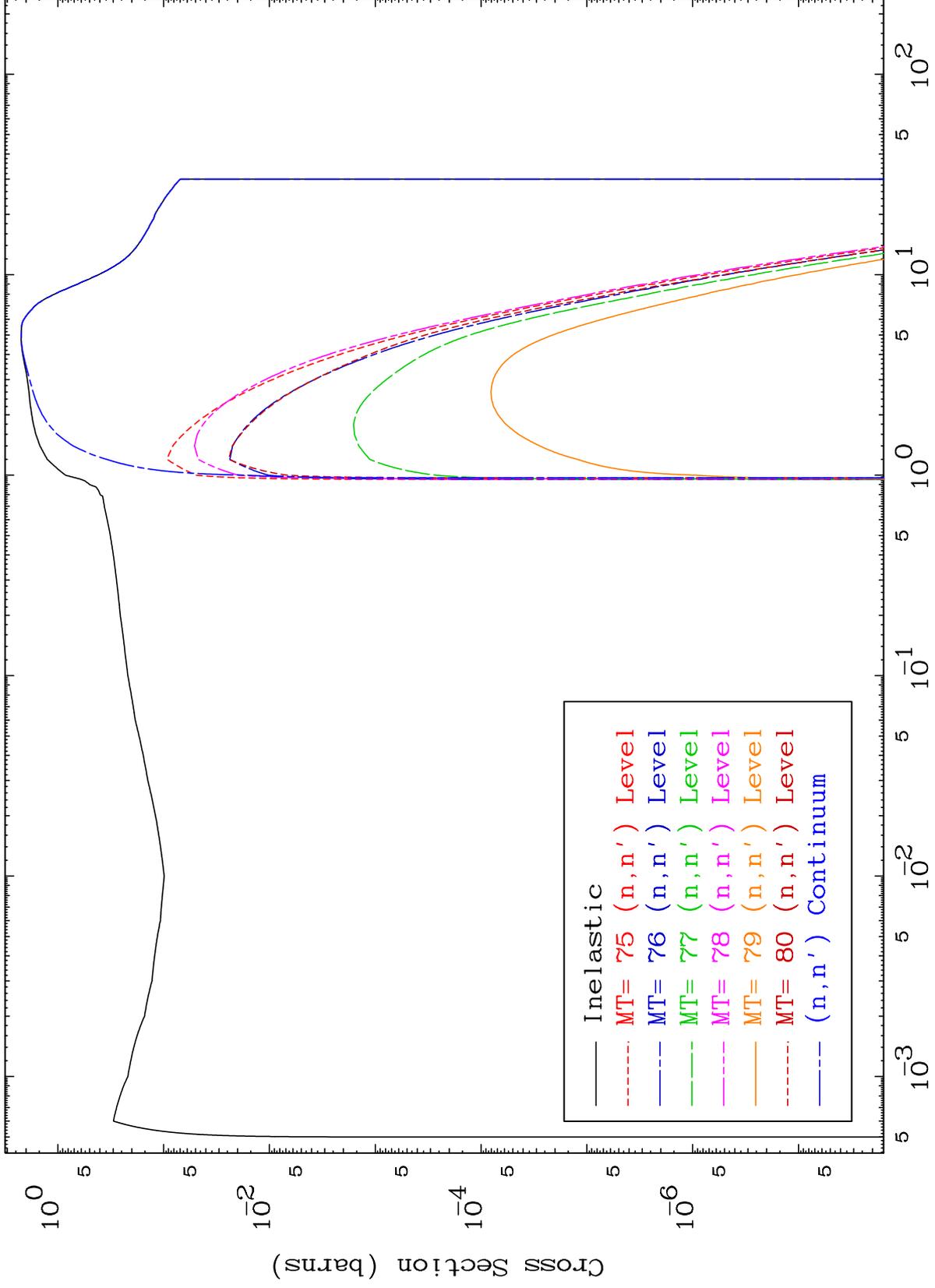
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,n') Levels  
293 Kelvin Cross Sections

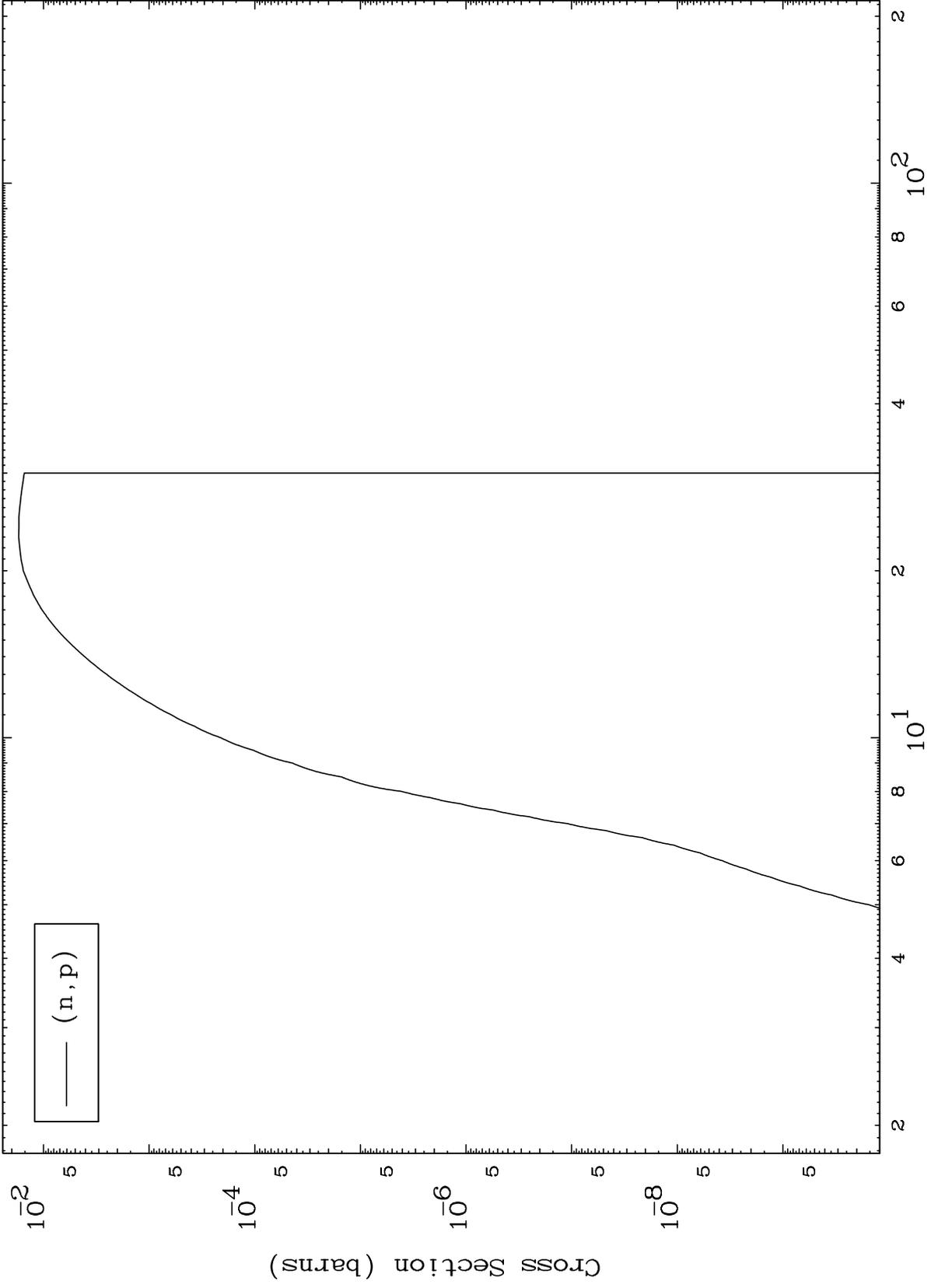
49-In-122n



MAT 4954

(n,p) Levels  
293 Kelvin Cross Sections

49-In-122n



12

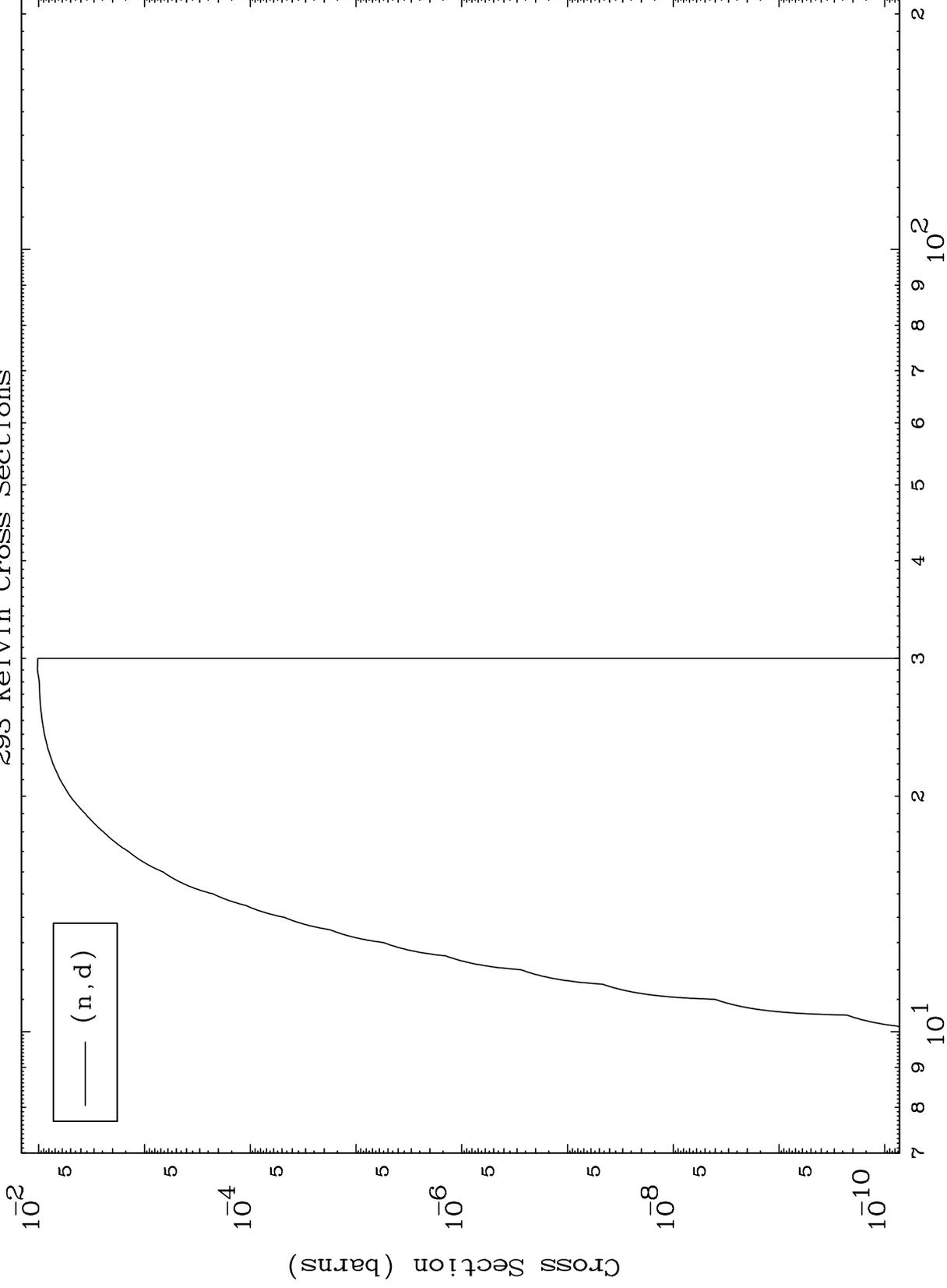
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,d) Levels  
293 Kelvin Cross Sections

49-In-122n



13

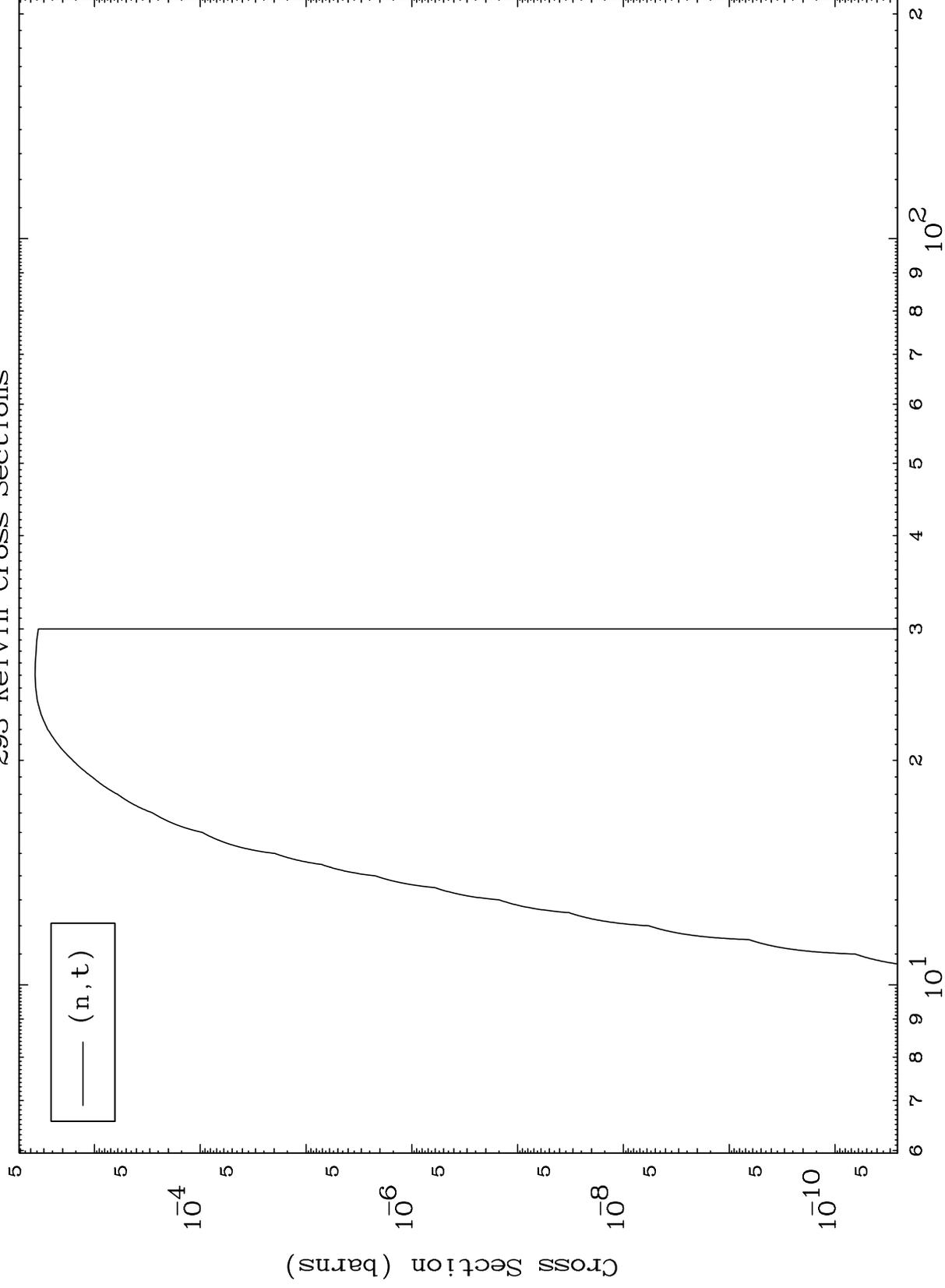
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,t) Levels  
293 Kelvin Cross Sections

49-In-122n



14

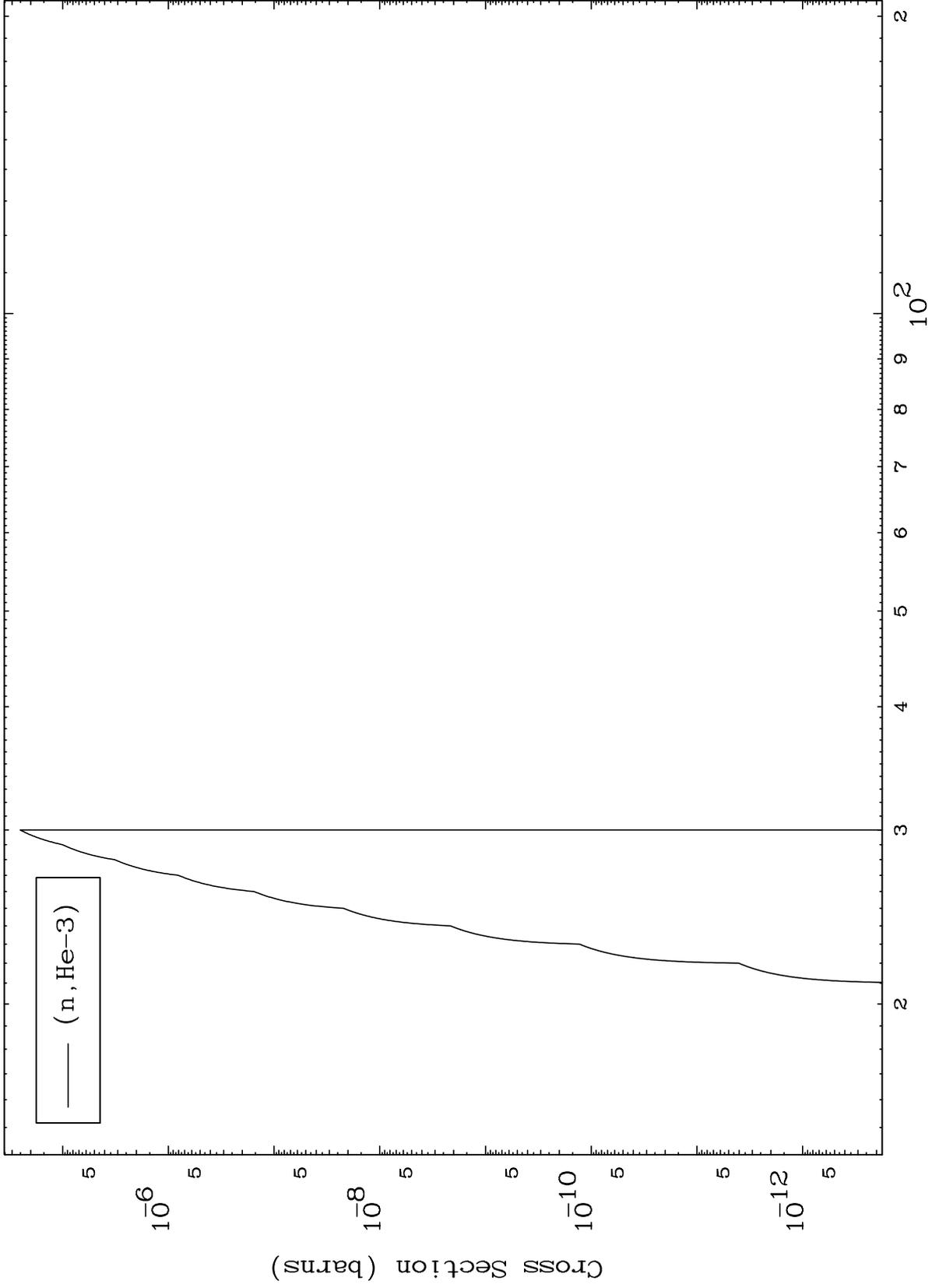
Incident Energy (MeV)

49-In-122n

MAT 4954

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-122n



15

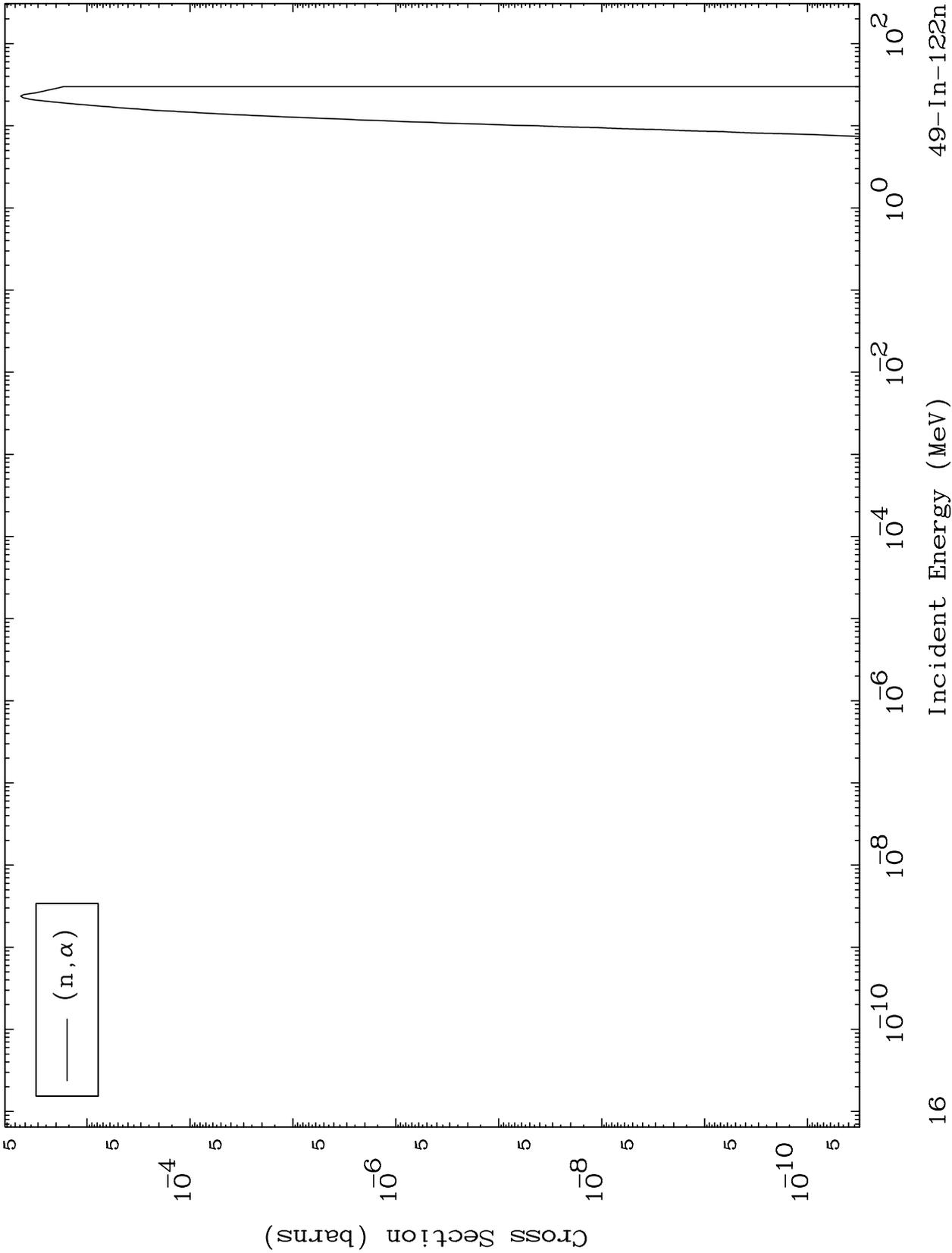
Incident Energy (MeV)

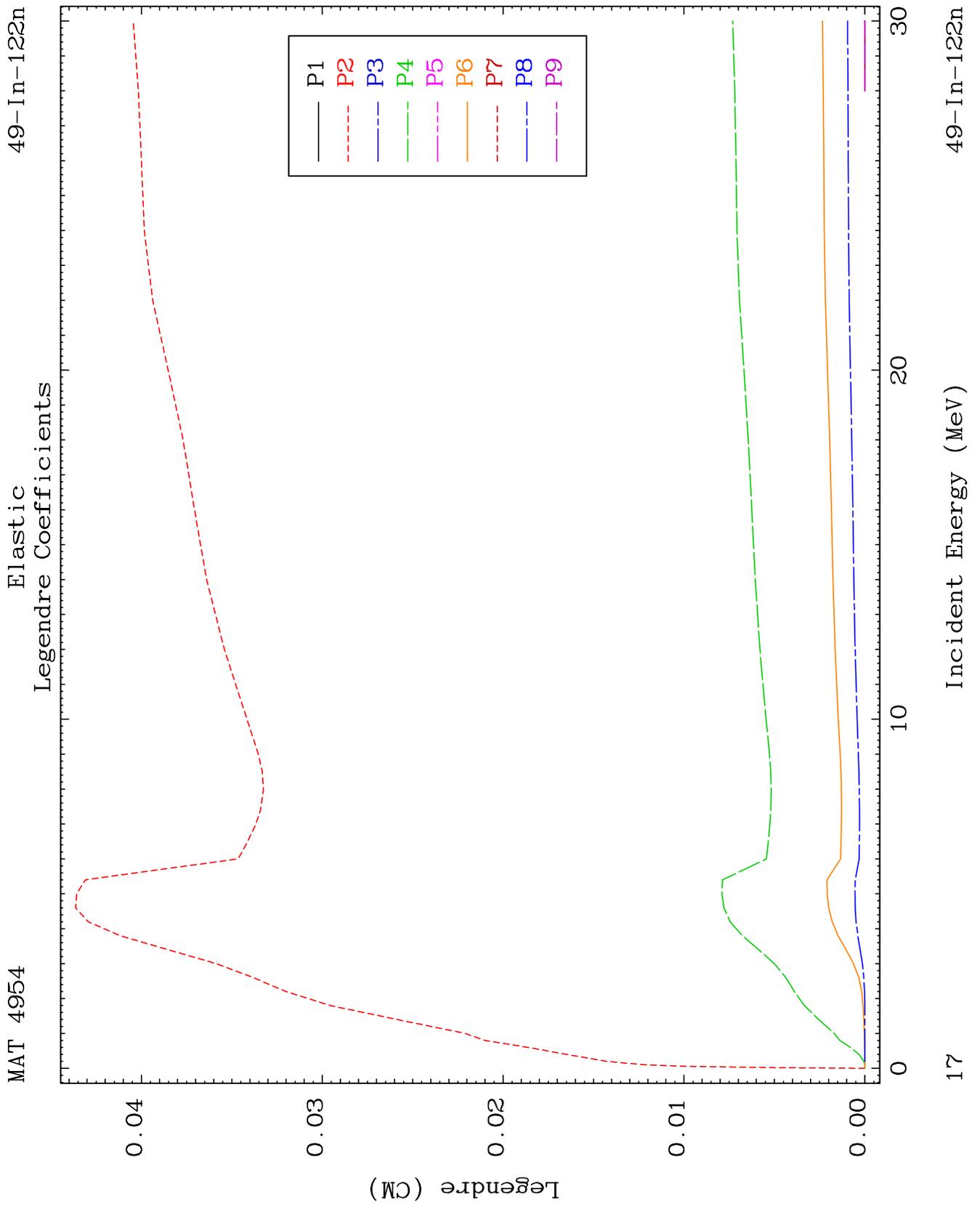
49-In-122n

MAT 4954

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

49-In-122n

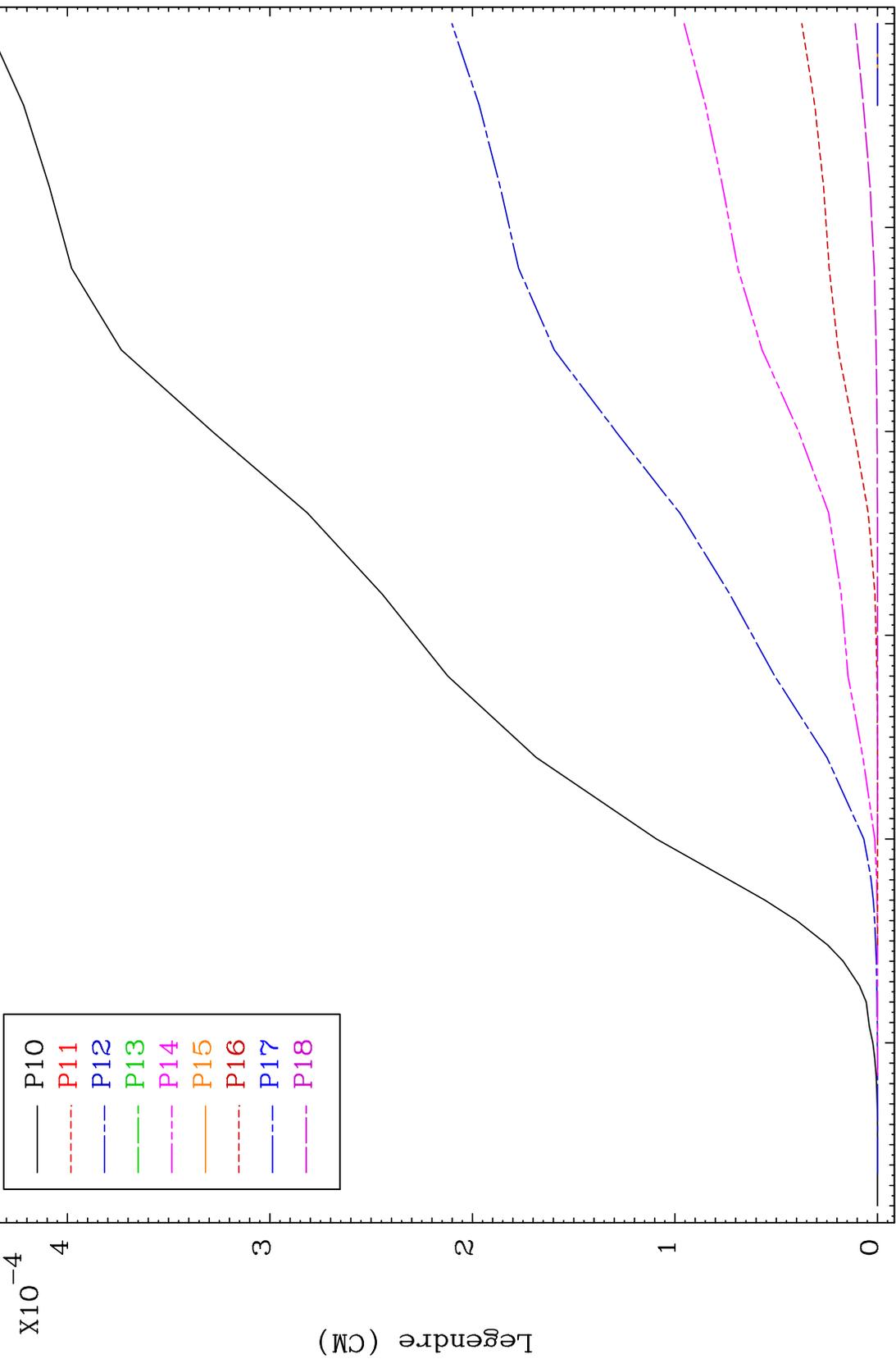
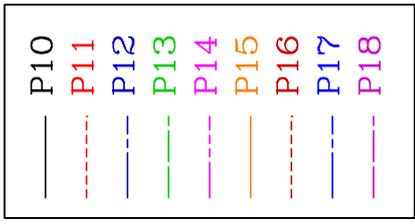




MAT 4954

Elastic Legendre Coefficients

49-In-122n



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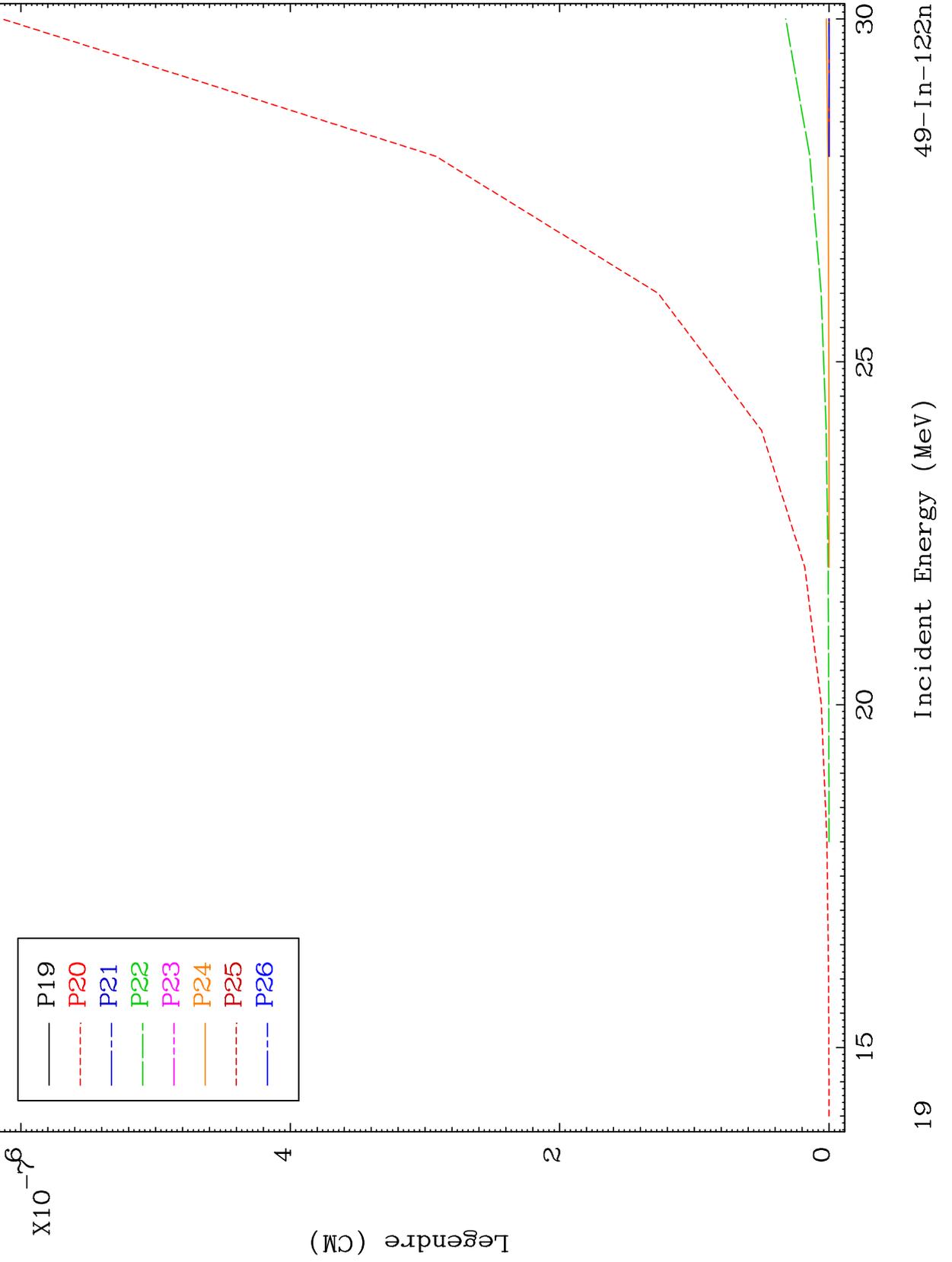
Incident Energy (MeV)

49-In-122n

MAT 4954

Elastic Legendre Coefficients

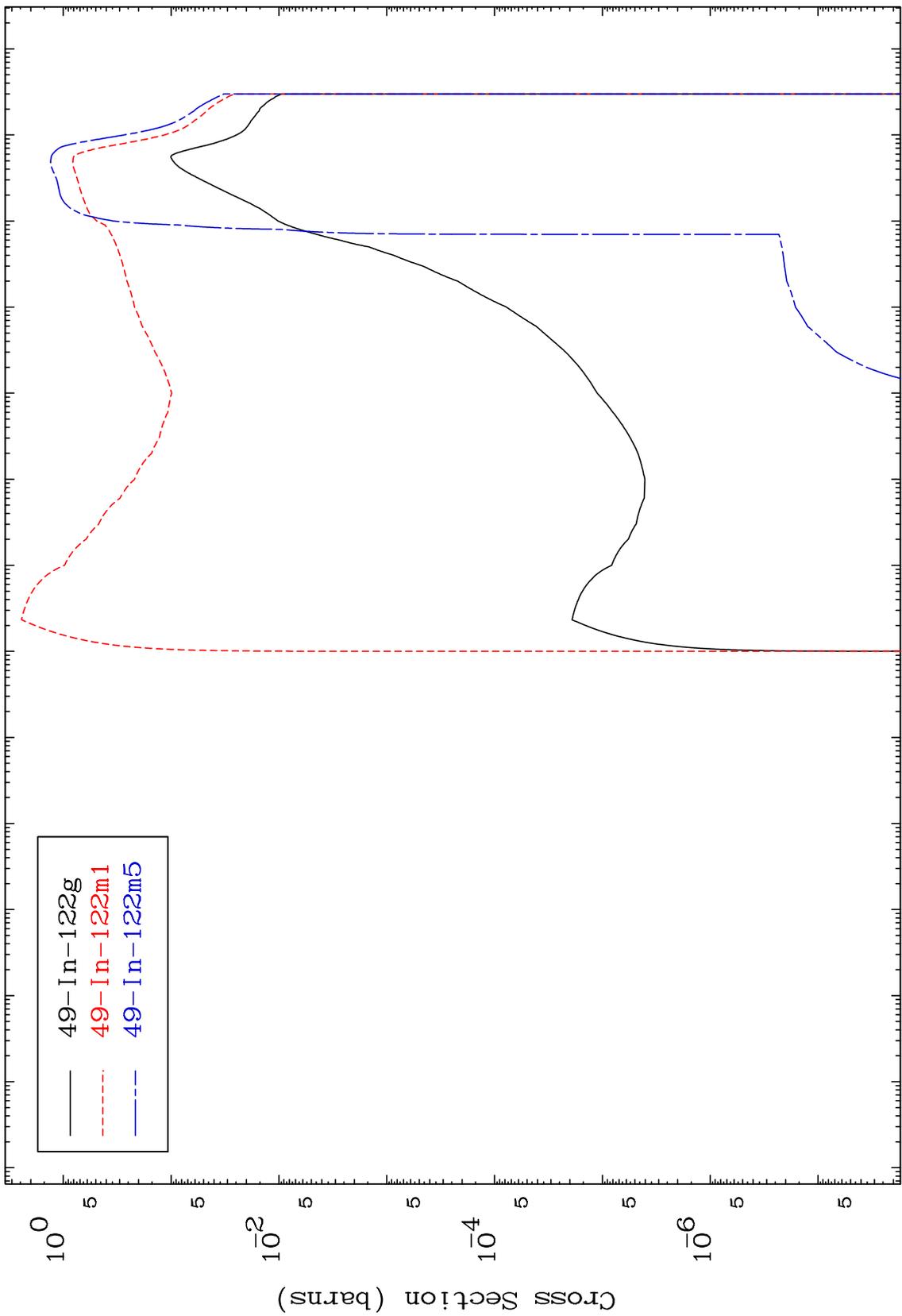
49-In-122n



MAT 4954

49-In-122n

Inelastic  
Radionuclide Production Cross Section



49-In-122n

49-In-122n

49-In-122n

49-In-122n

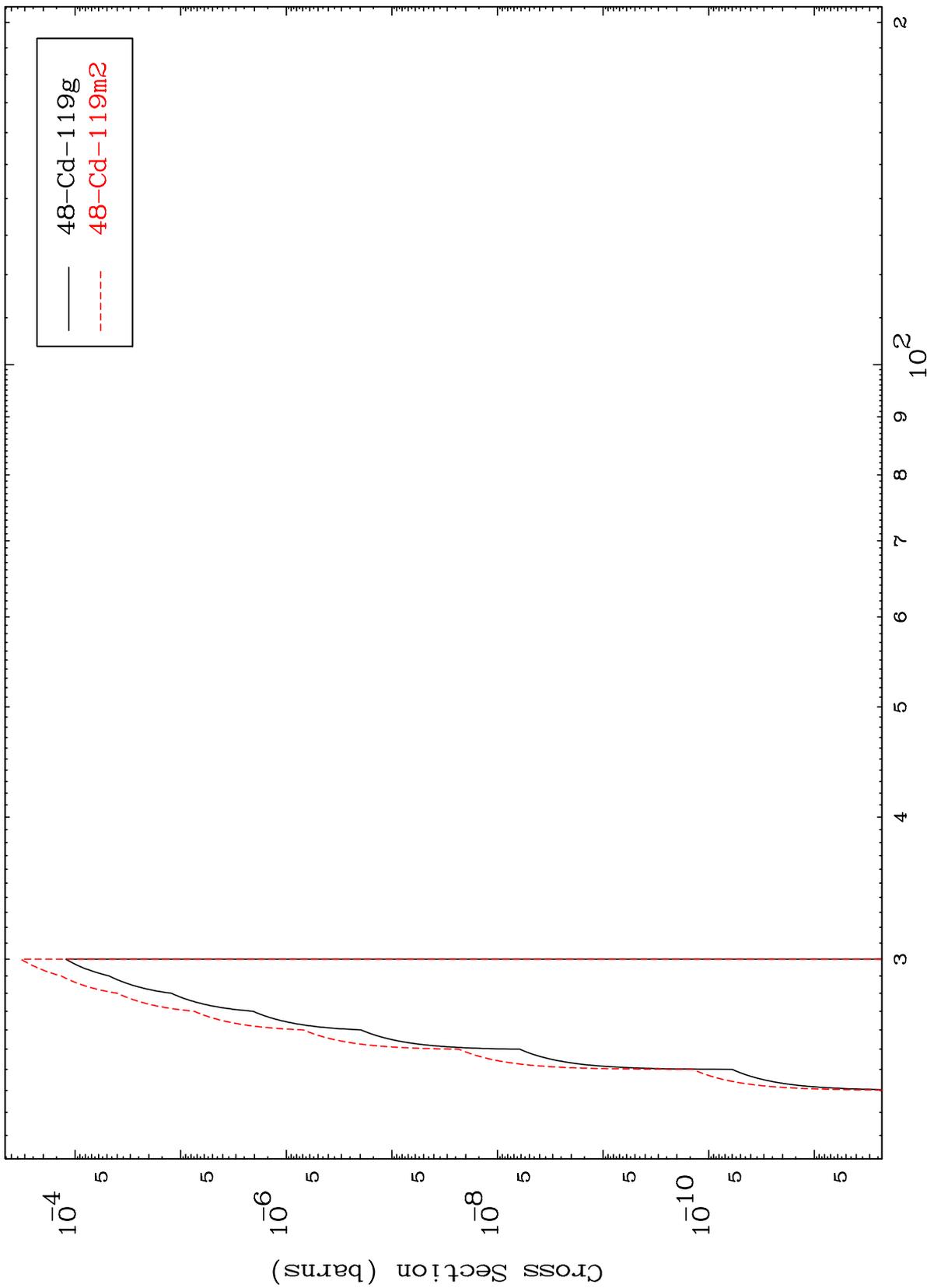
49-In-122n

MAT 4954

(n,2n) d

49-In-122n

Radionuclide Production Cross Section



21

Incident Energy (MeV)

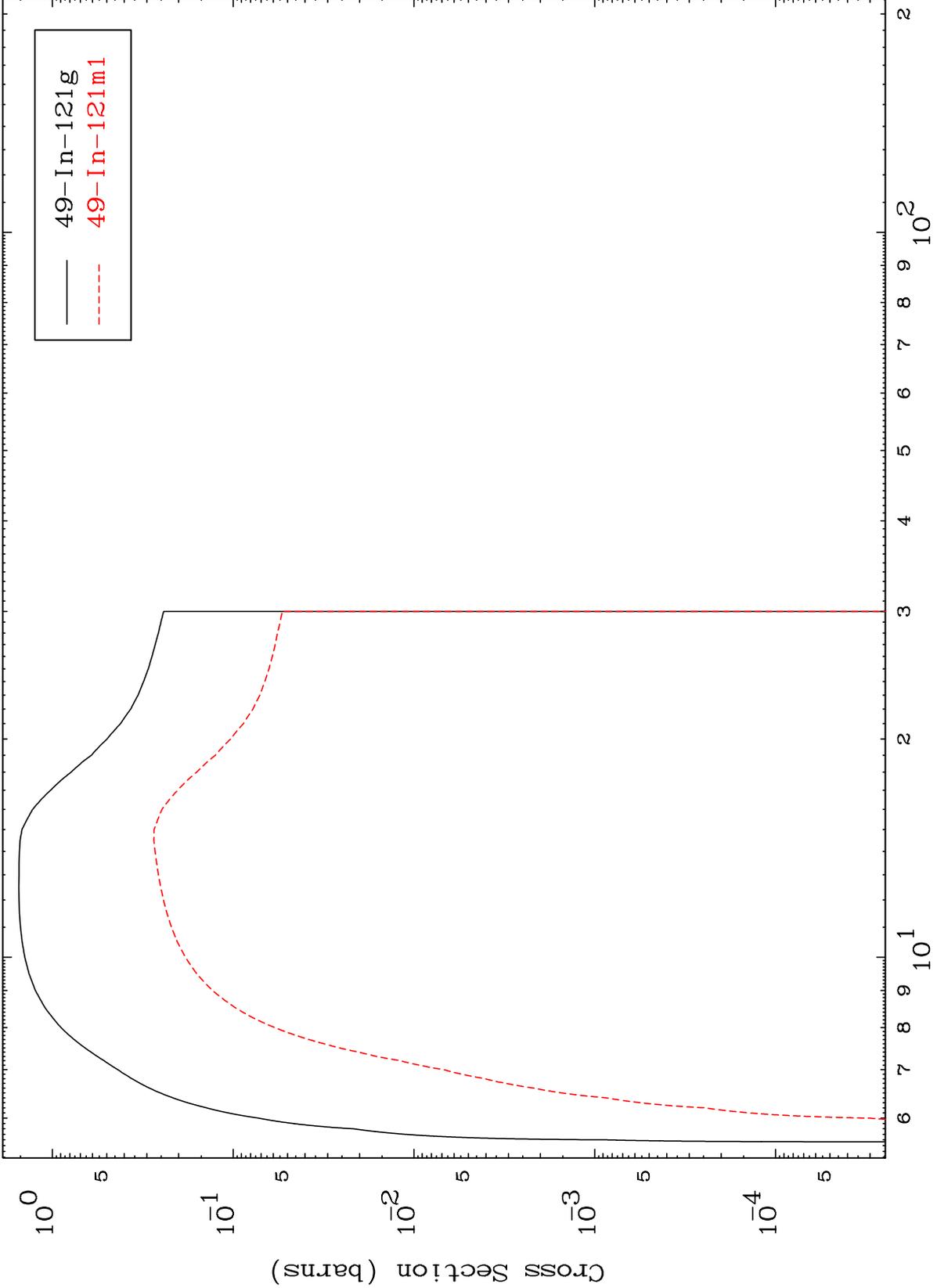
49-In-122n

MAT 4954

(n,2n)

49-In-122n

Radionuclide Production Cross Section



49-In-121g  
49-In-121m1

22

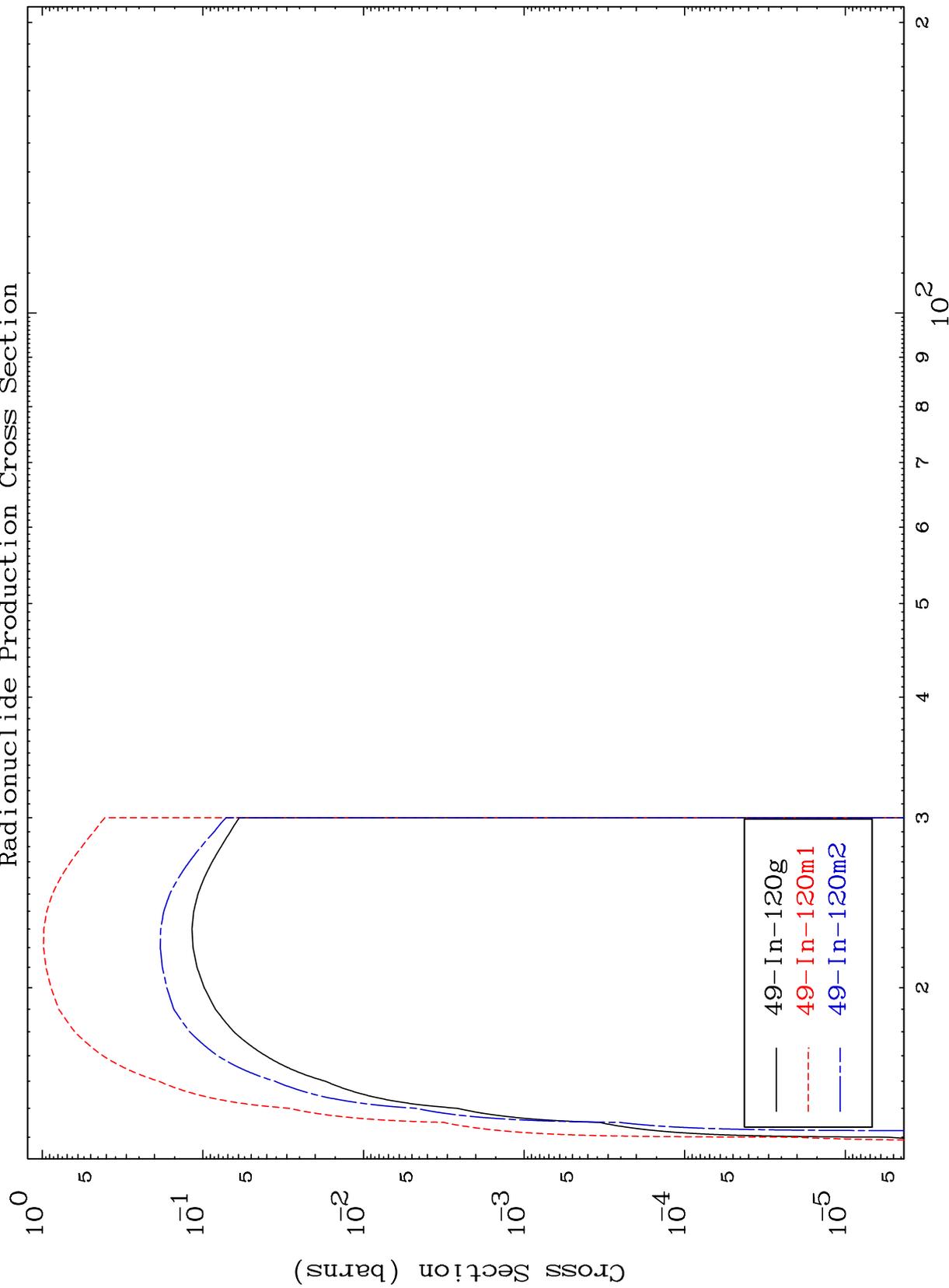
Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

(n,3n)  
Radionuclide Production Cross Section



49-In-122n

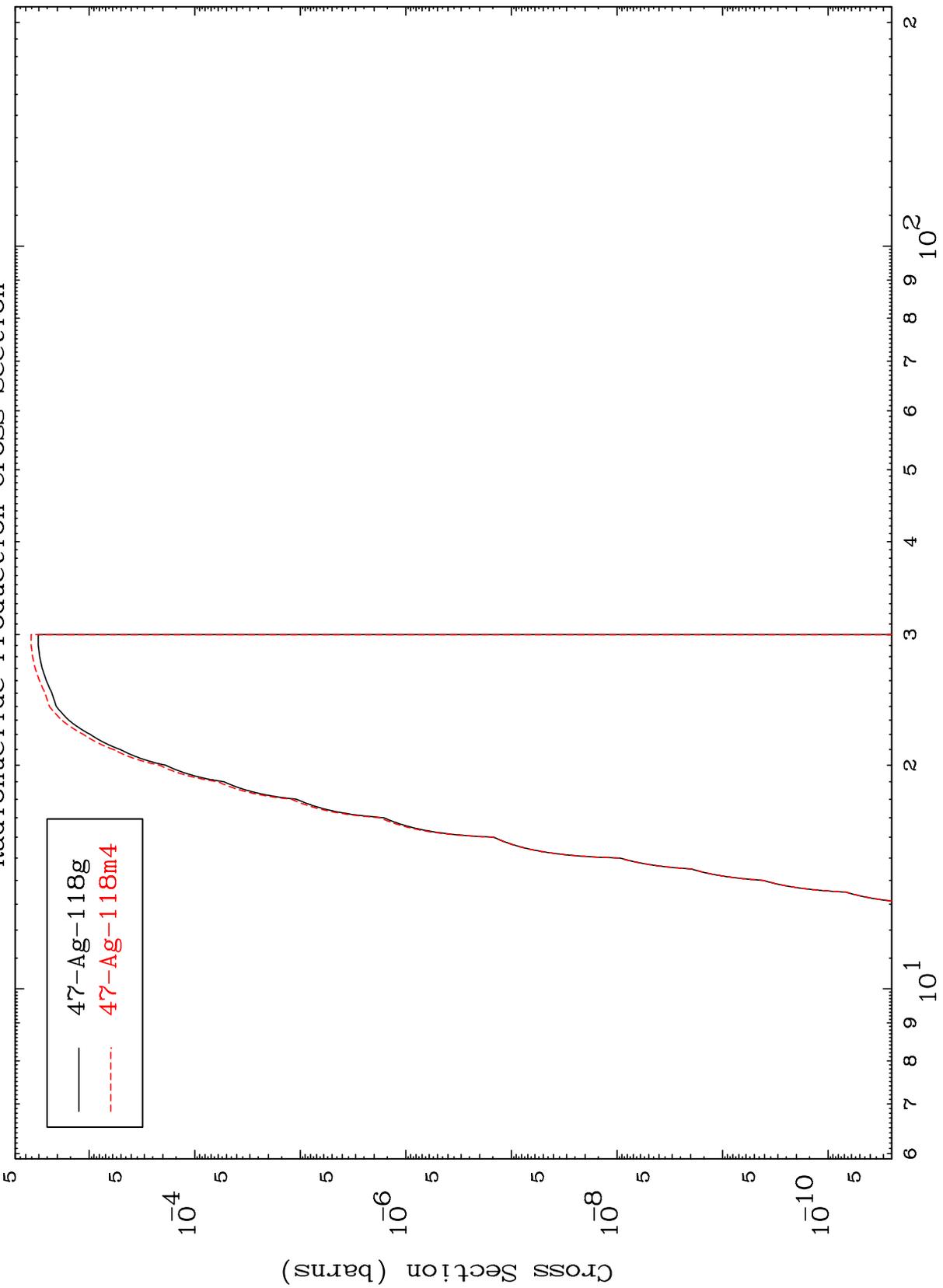
Incident Energy (MeV)

MAT 4954

49-In-122n

(n,n')  $\alpha$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

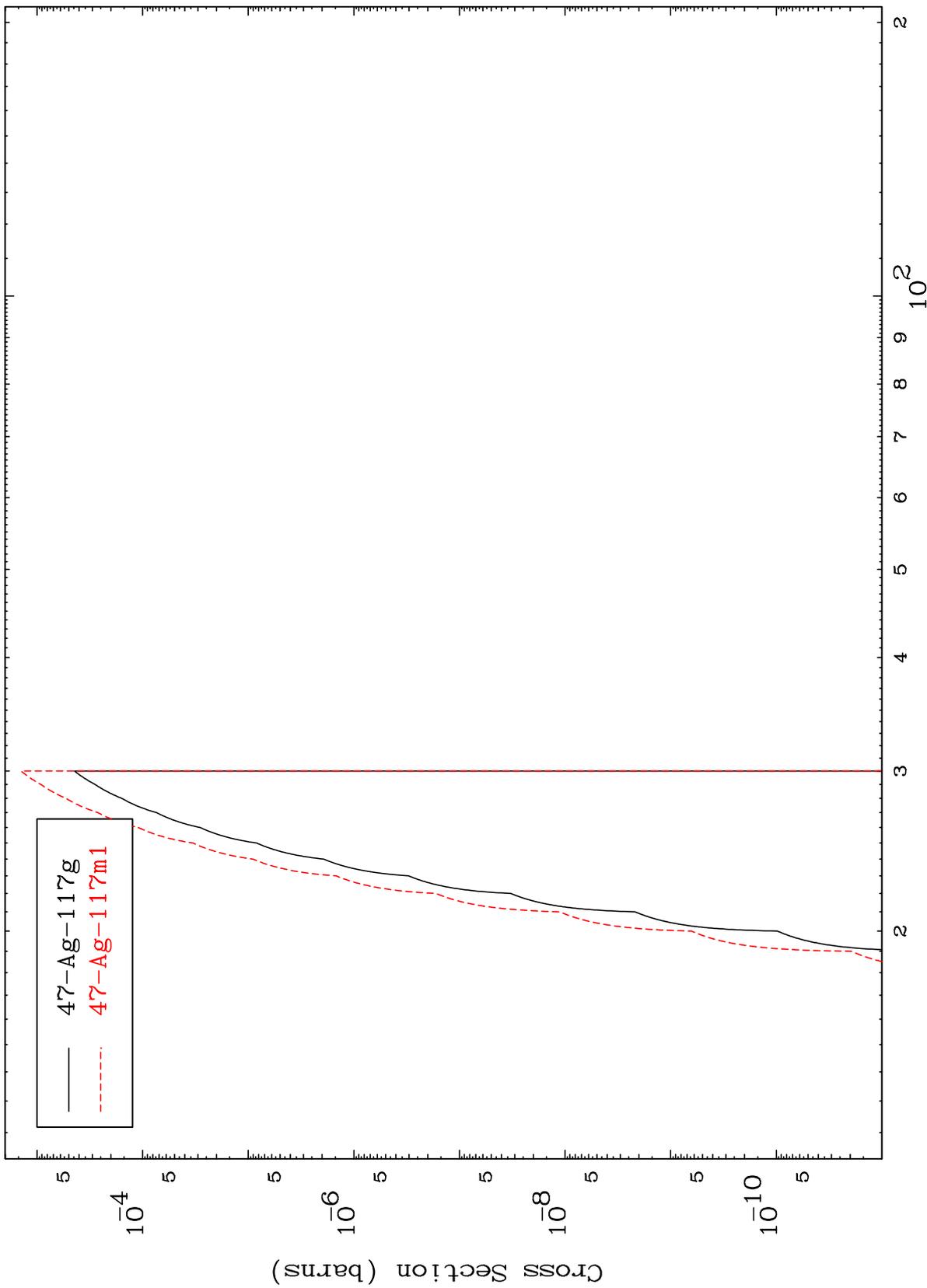
49-In-122n

MAT 4954

(n,2n)  $\alpha$

49-In-122n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122n

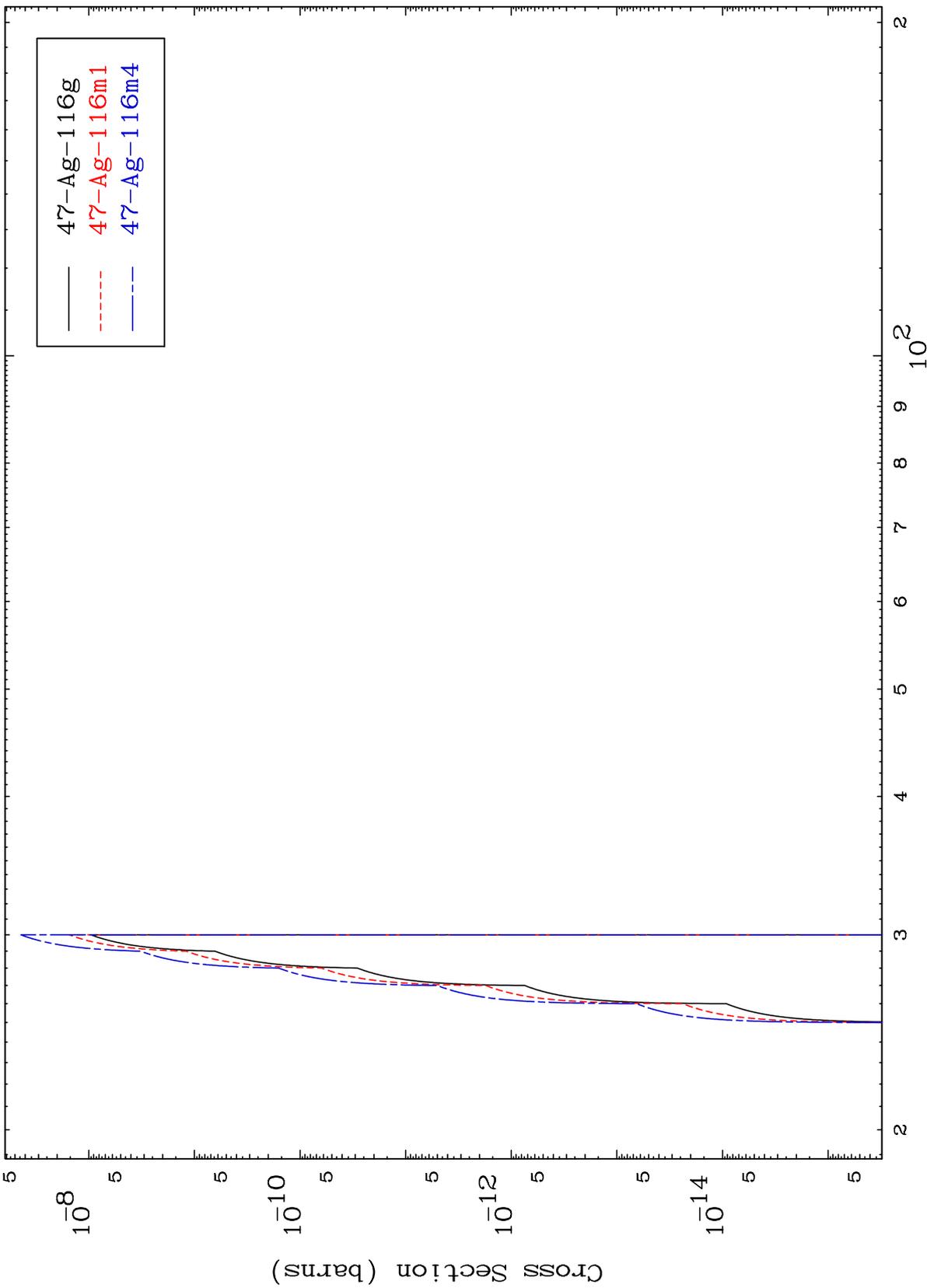
25

MAT 4954

(n,3n)  $\alpha$

49-In-122n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

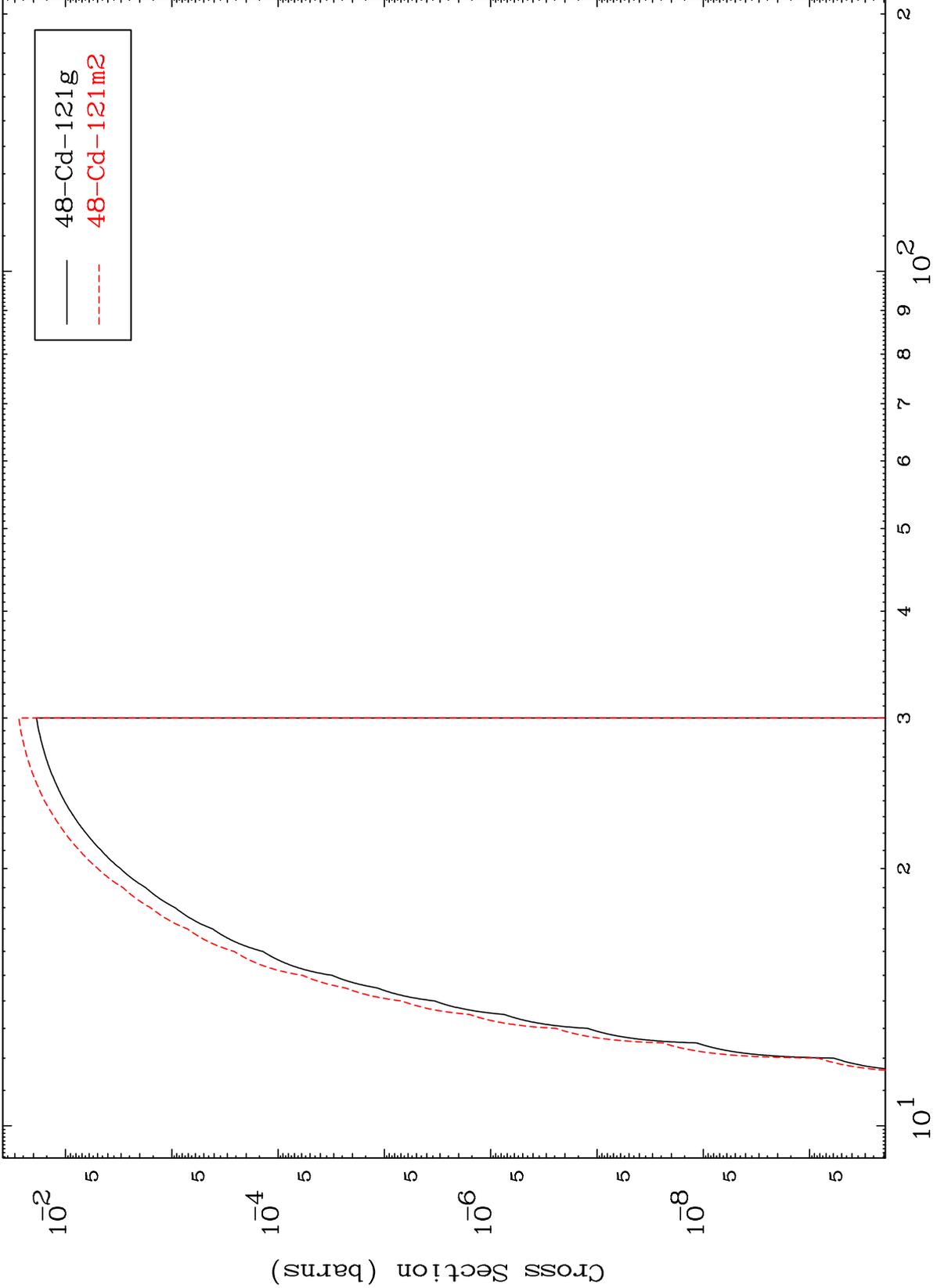
49-In-122n

MAT 4954

(n,n') p

49-In-122n

Radionuclide Production Cross Section



Incident Energy (MeV)

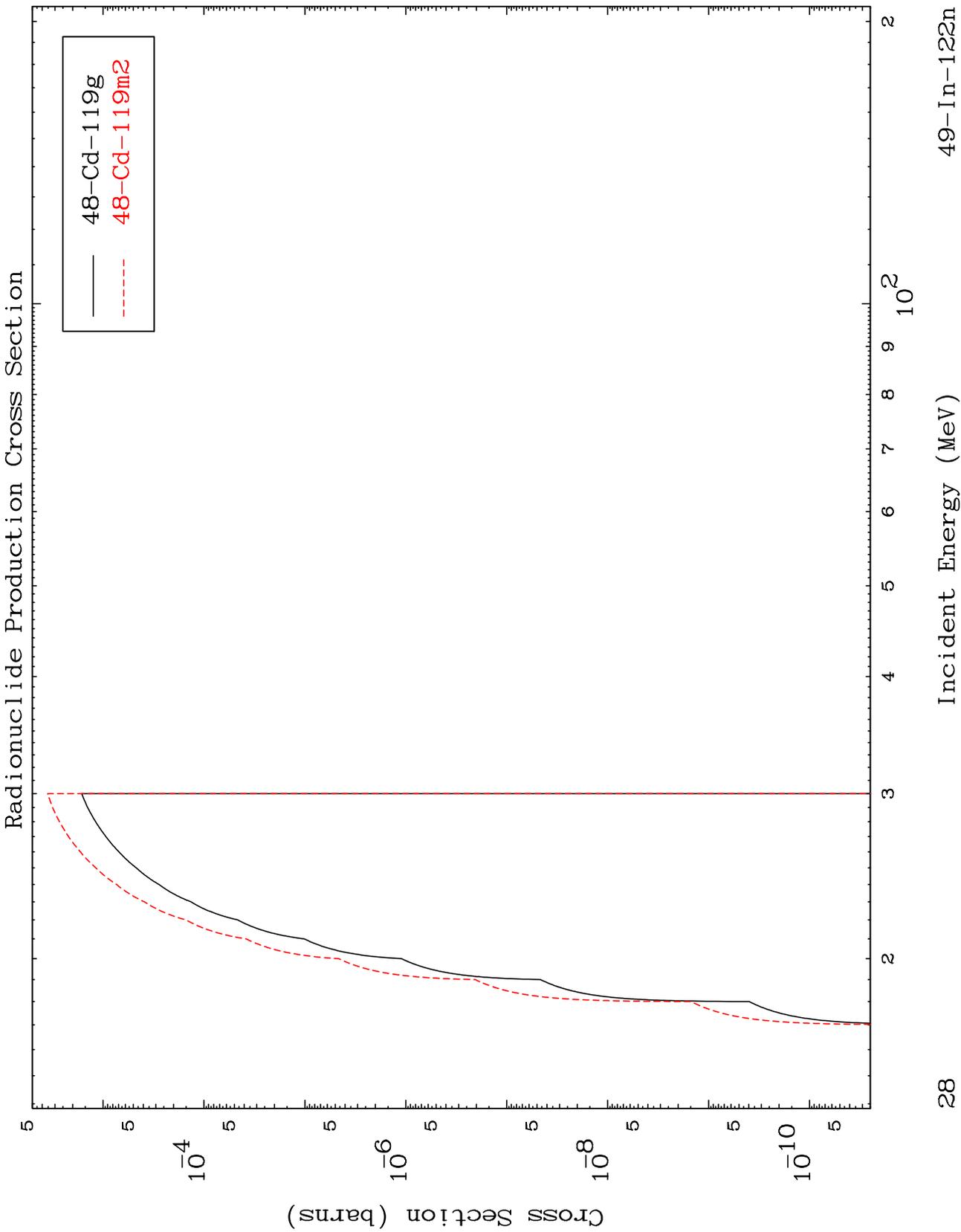
49-In-122n

27

MAT 4954

(n,n') t

49-In-122n



28

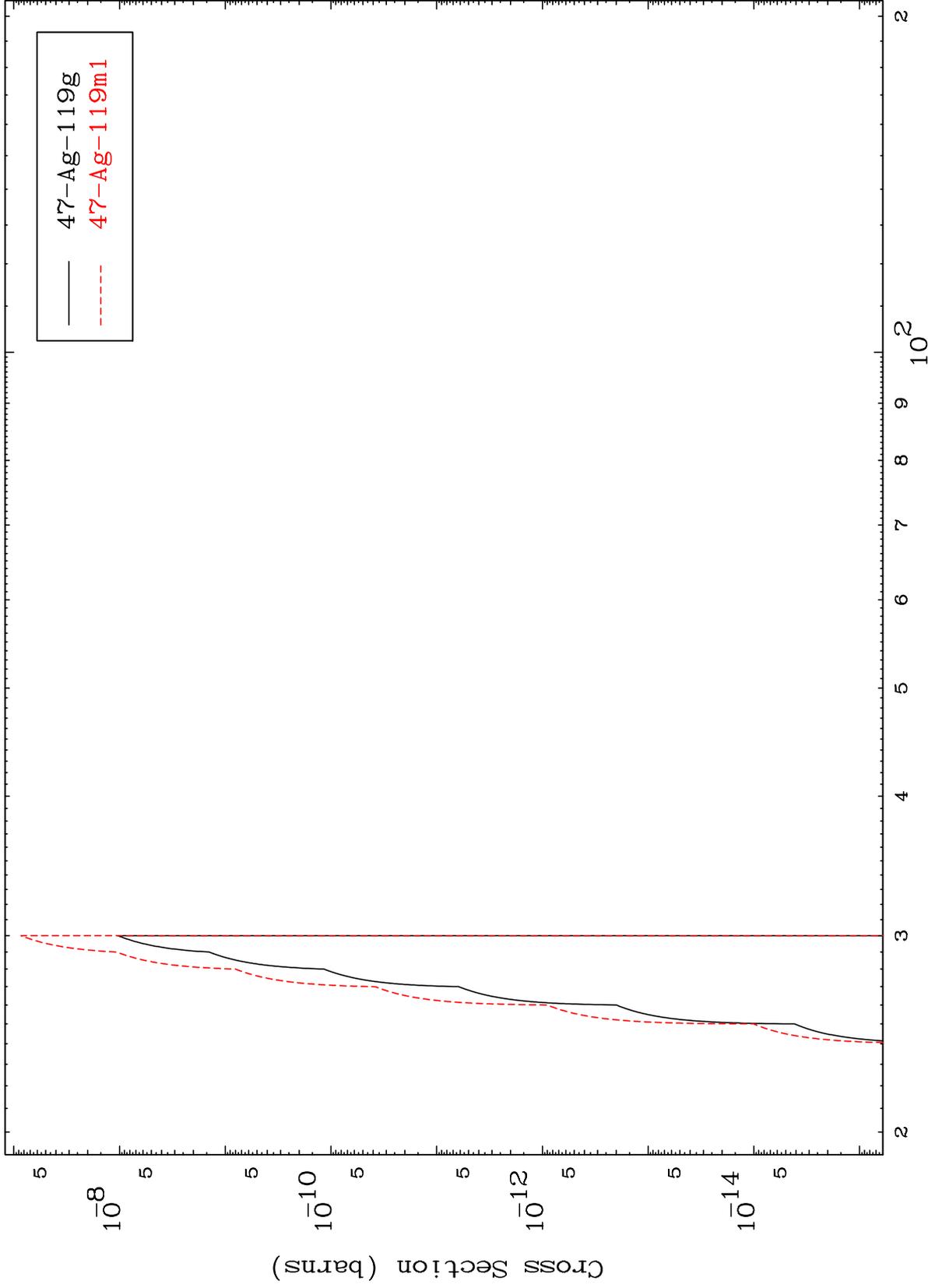
49-In-122n

MAT 4954

(n,n') He-3

49-In-122n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

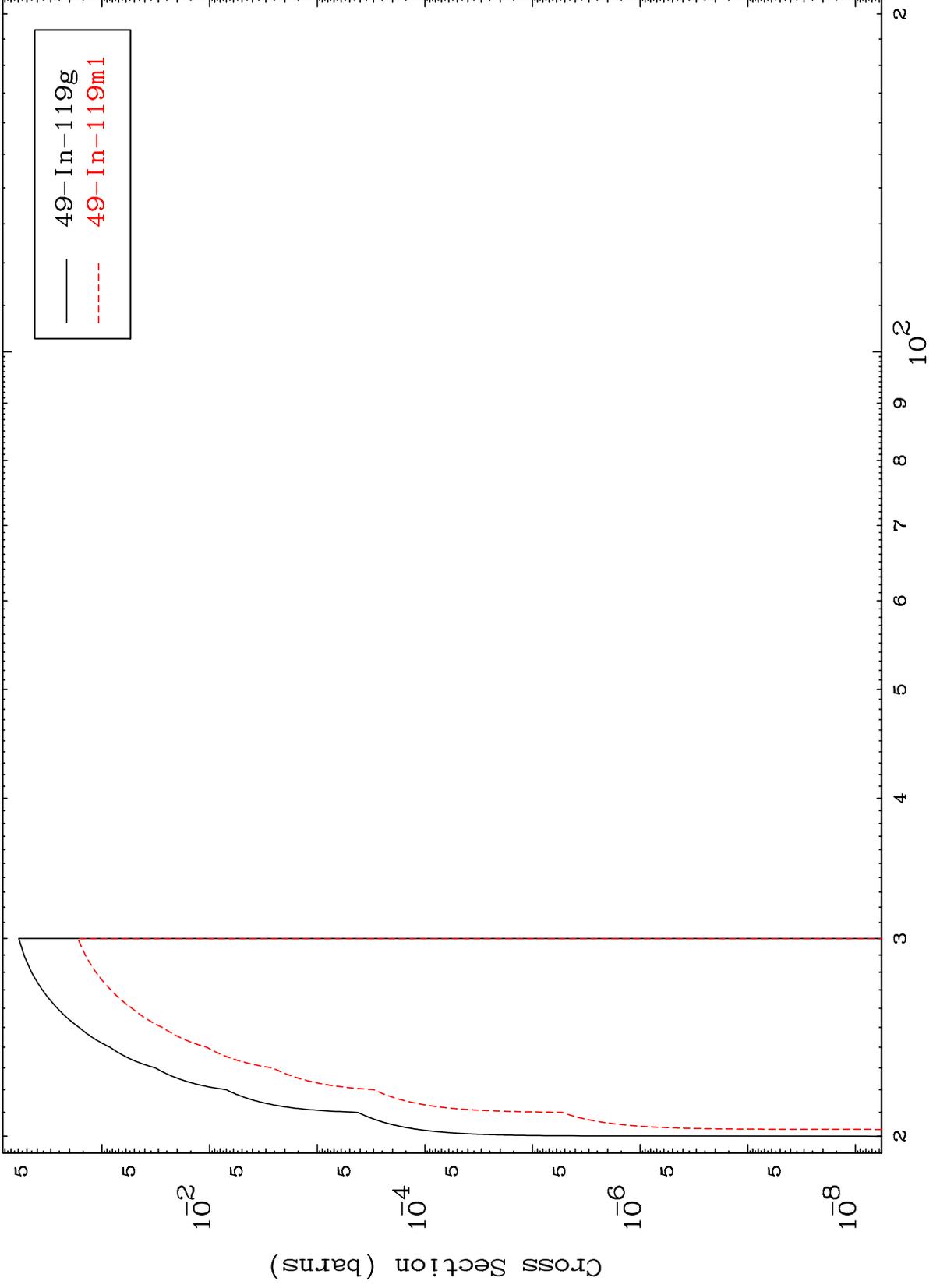
49-In-122n

MAT 4954

(n,4n)

49-In-122n

Radionuclide Production Cross Section



30

Incident Energy (MeV)

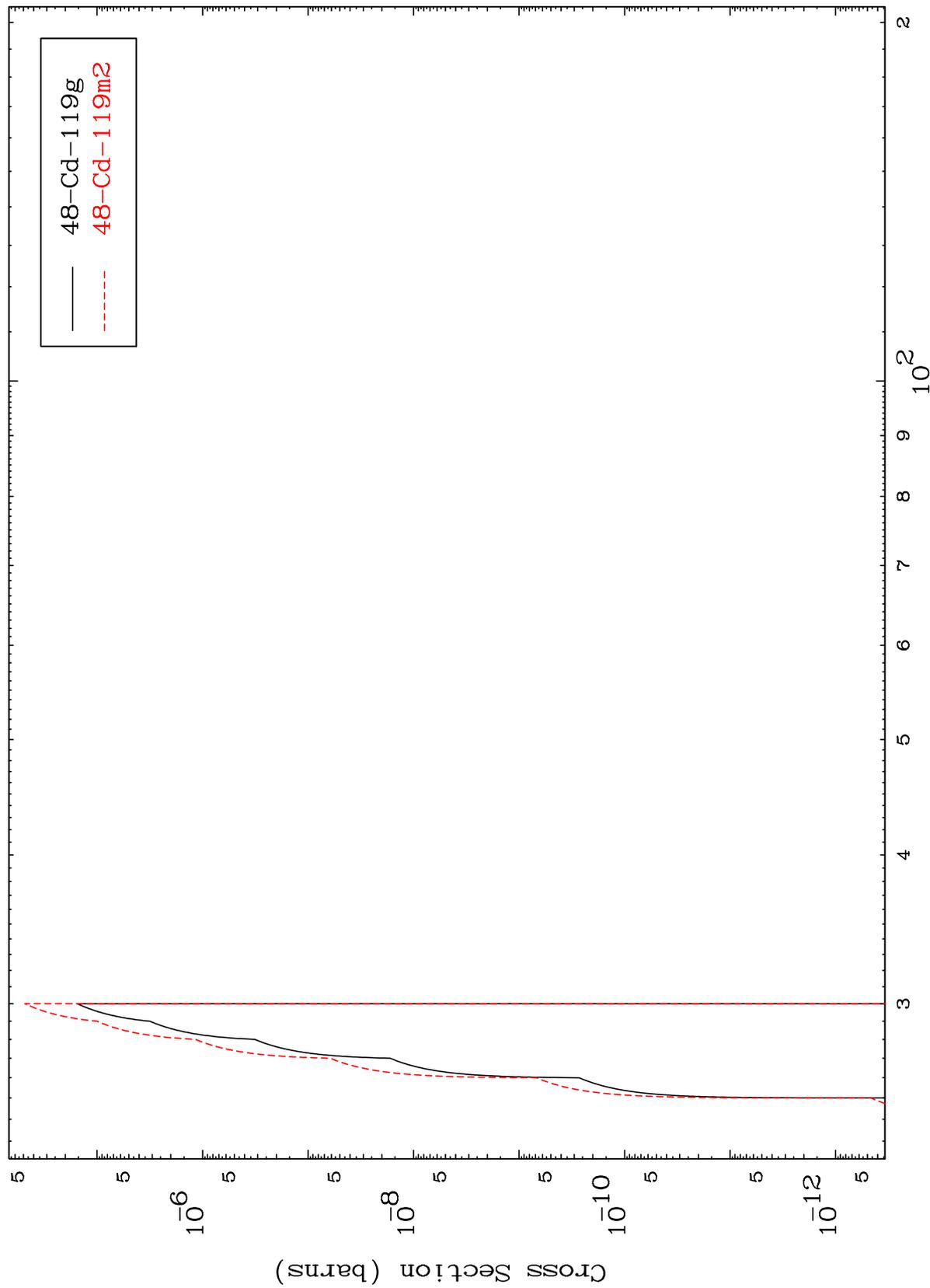
49-In-122n

MAT 4954

(n,3n) p

49-In-122n

Radionuclide Production Cross Section



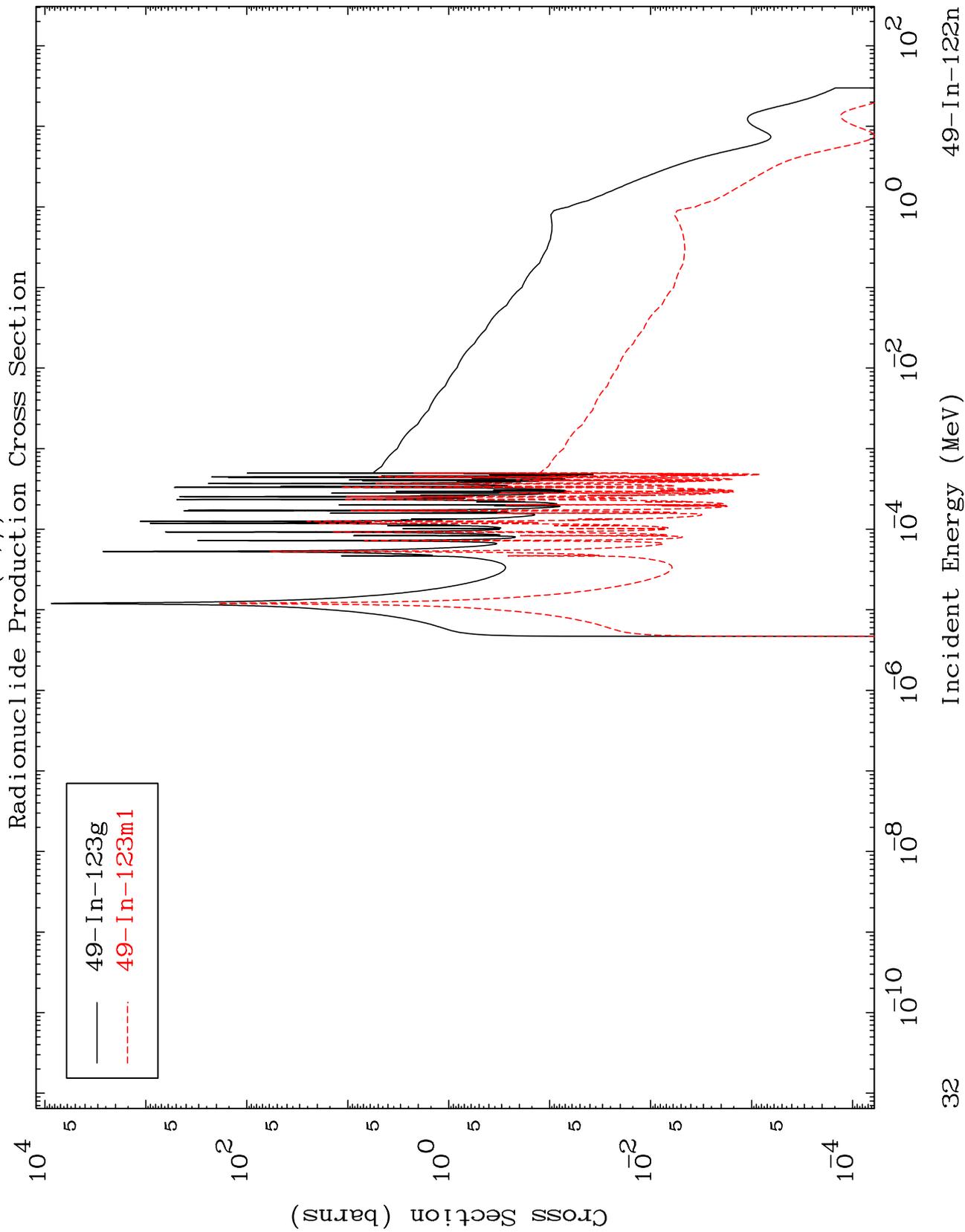
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Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

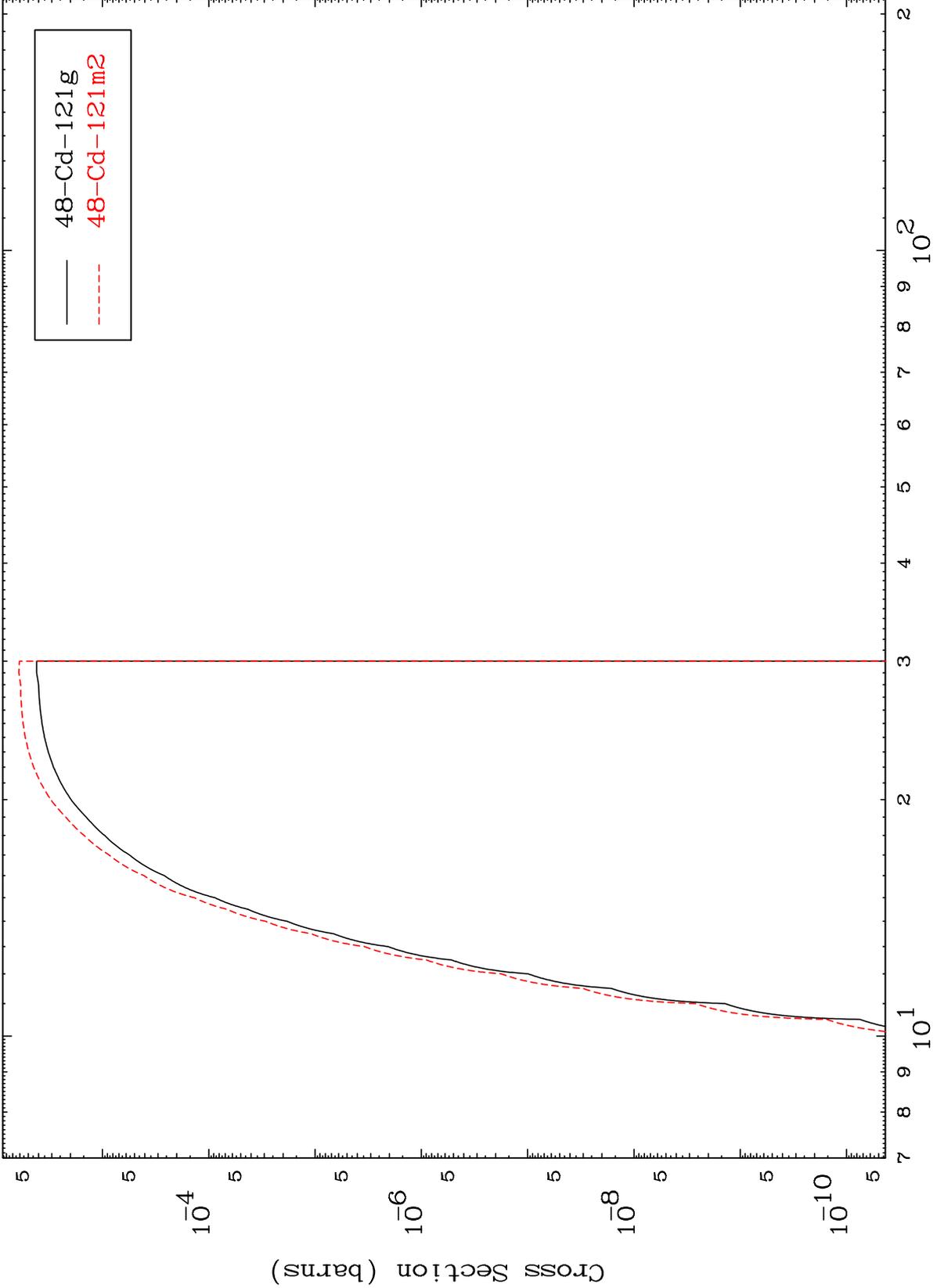


MAT 4954

(n,d)

49-In-122n

Radionuclide Production Cross Section



33

Incident Energy (MeV)

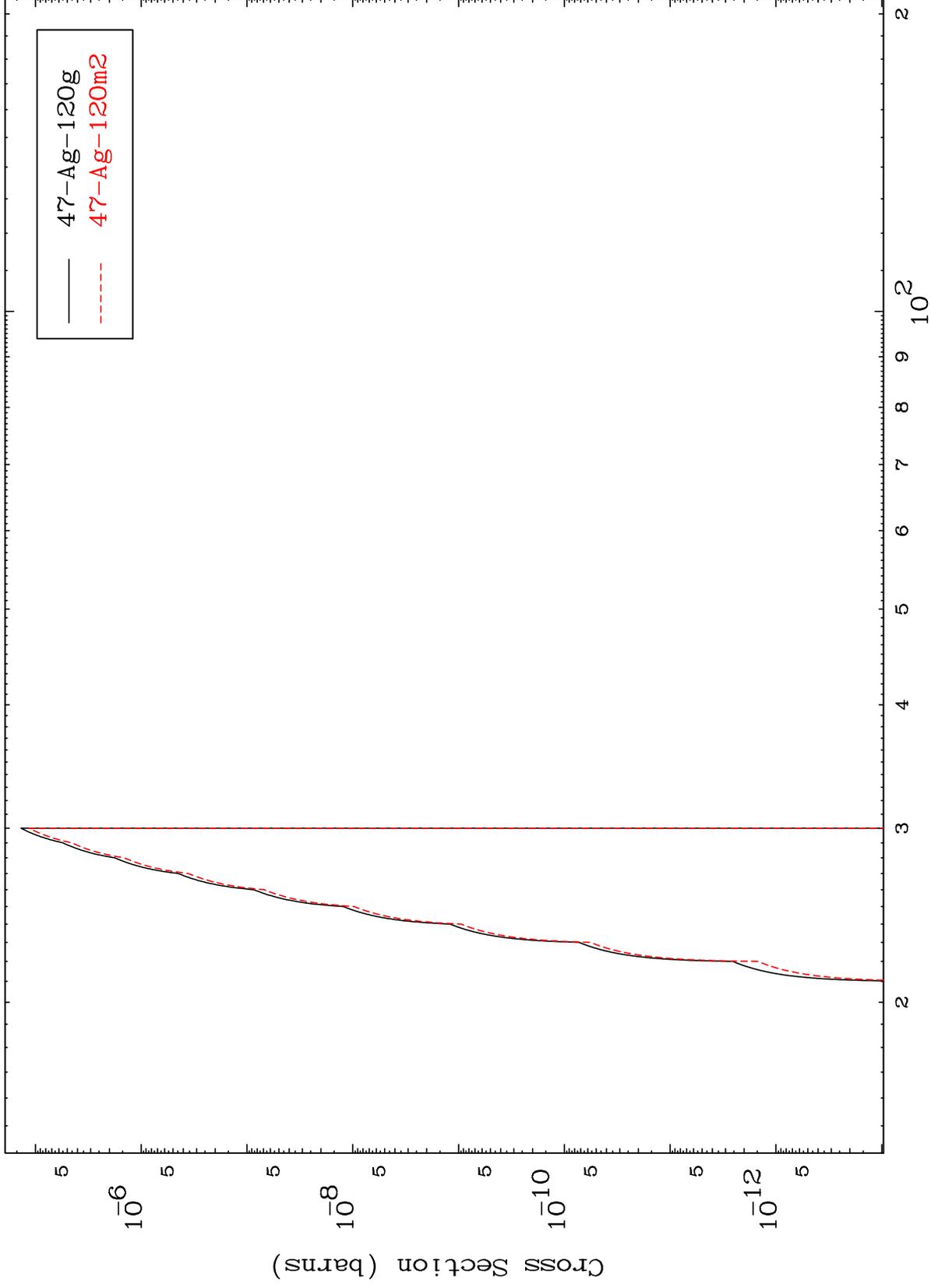
49-In-122n

MAT 4954

(n,He-3)

49-In-122n

Radionuclide Production Cross Section



34

Incident Energy (MeV)

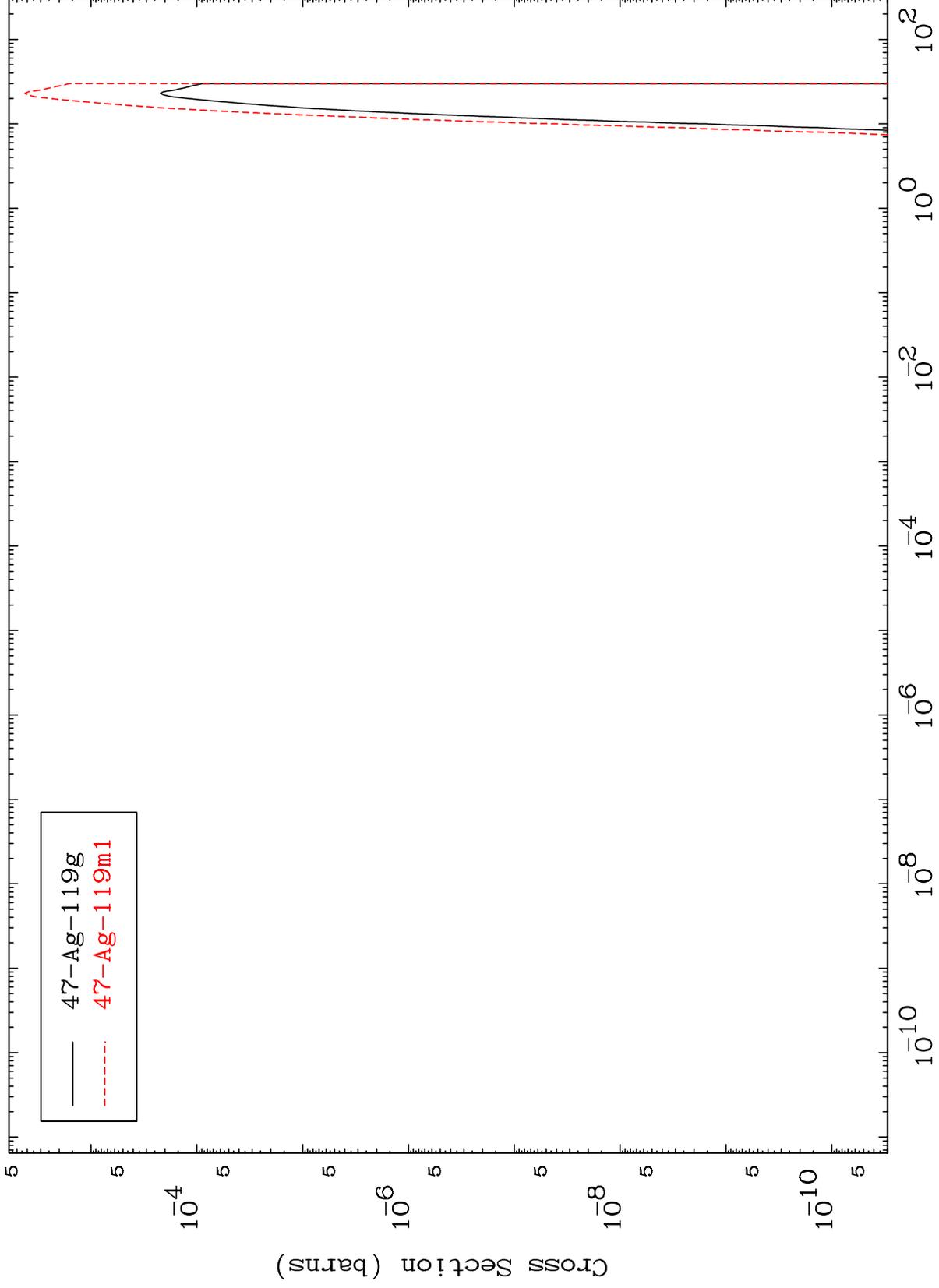
49-In-122n

MAT 4954

(n,  $\alpha$ )

49-In-122n

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-122n