

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

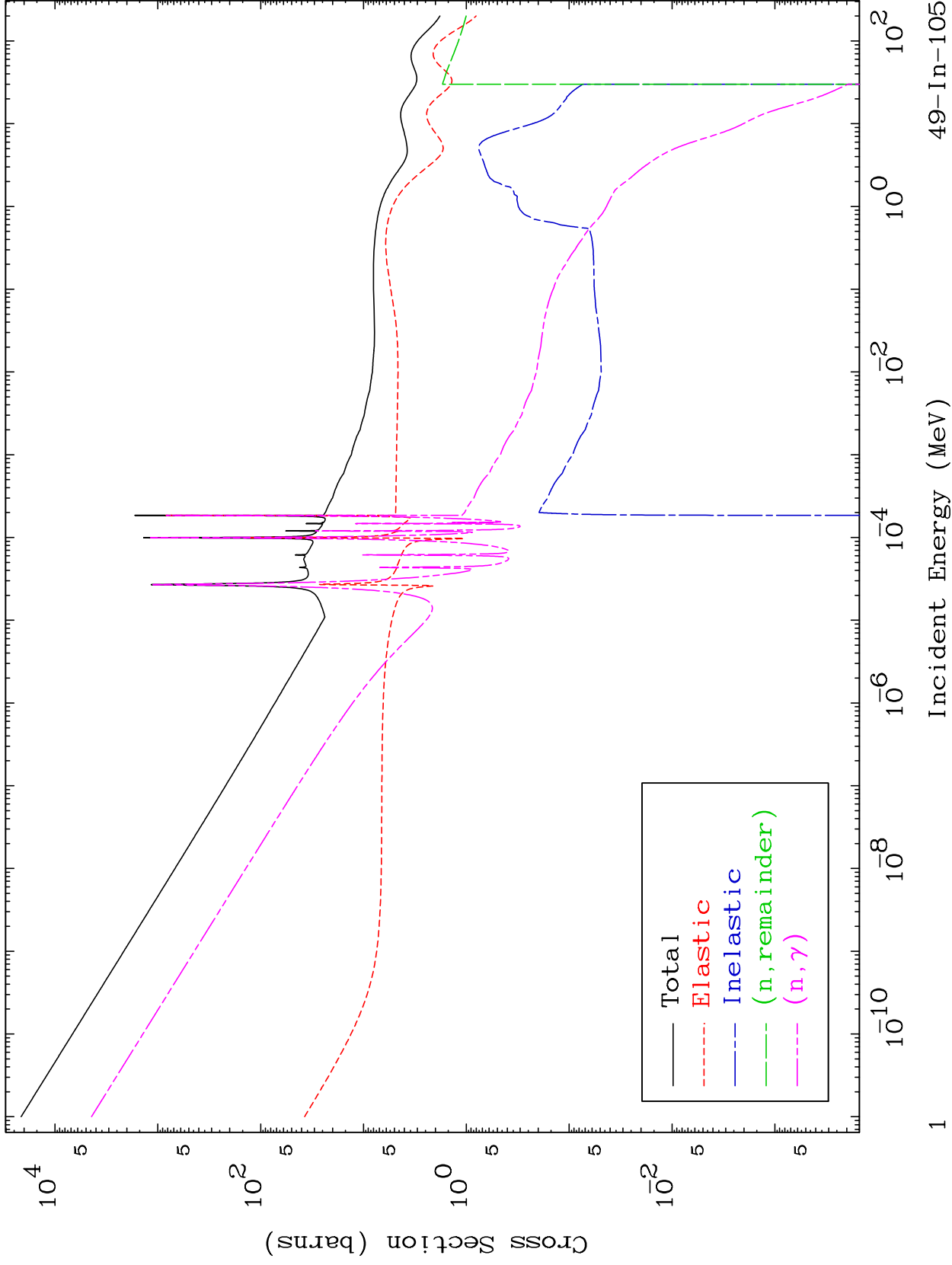
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4902

Major  
293 Kelvin Cross Sections

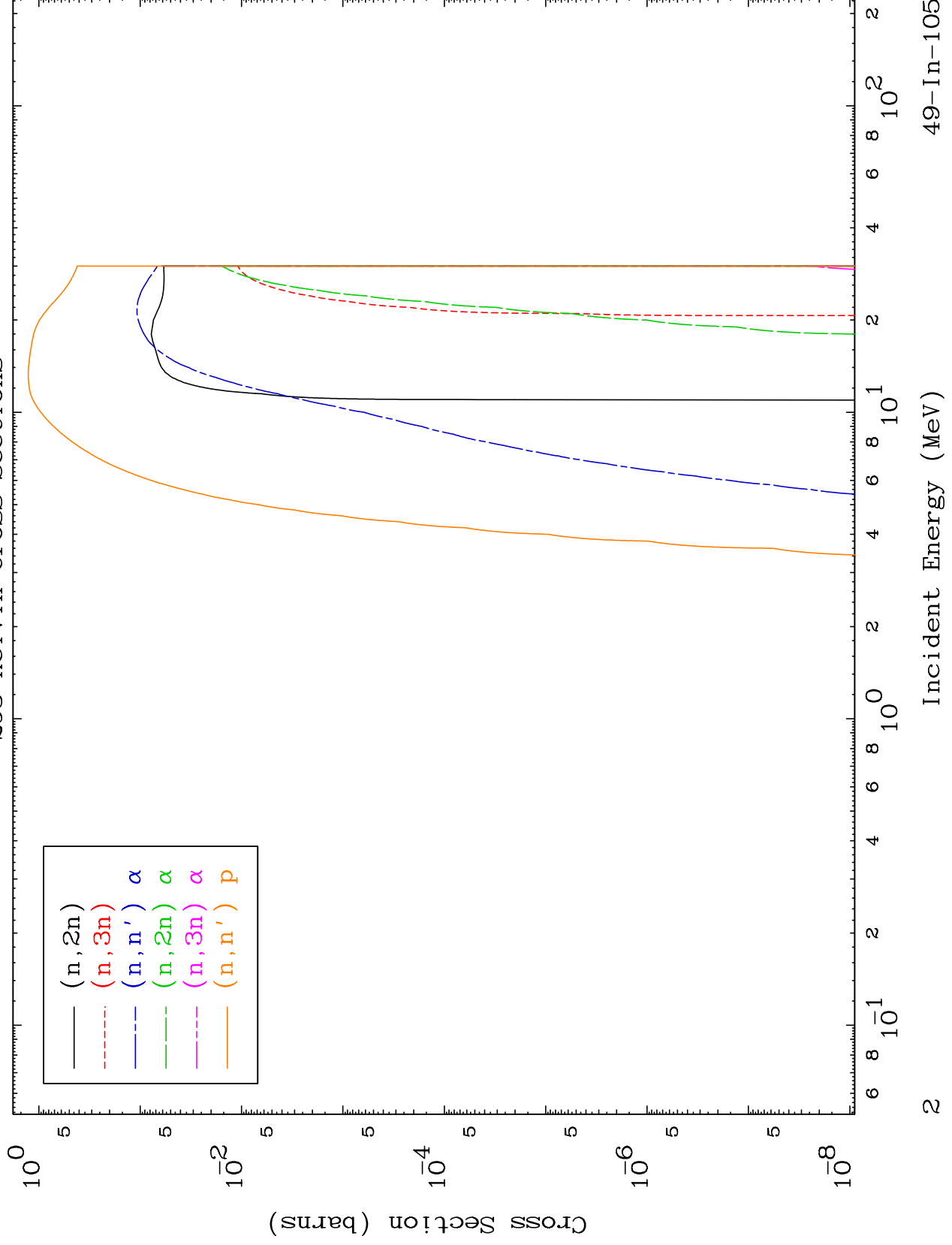
49-In-105

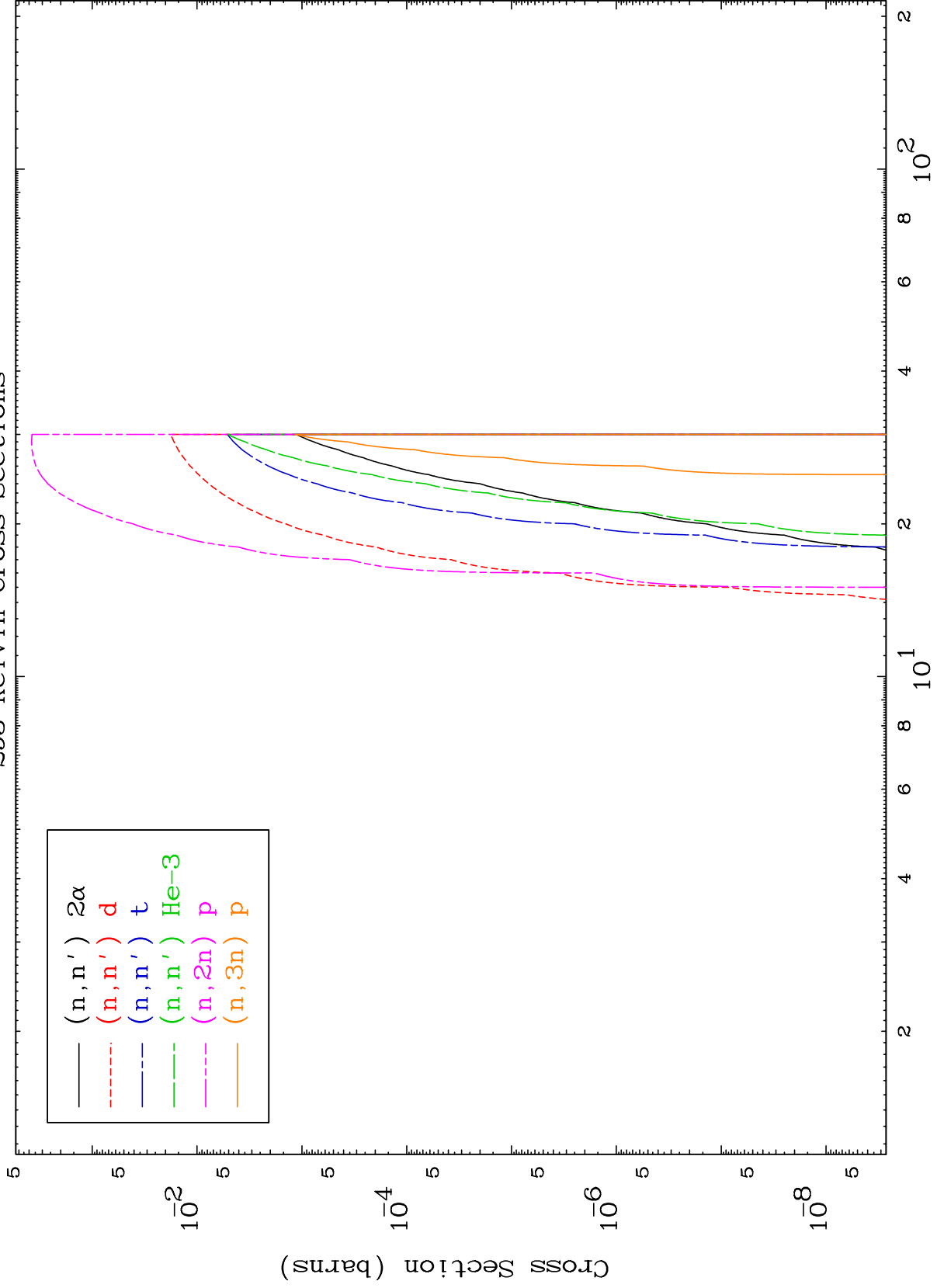


MAT 4902

Neutron Production  
293 Kelvin Cross Sections

49-In-105

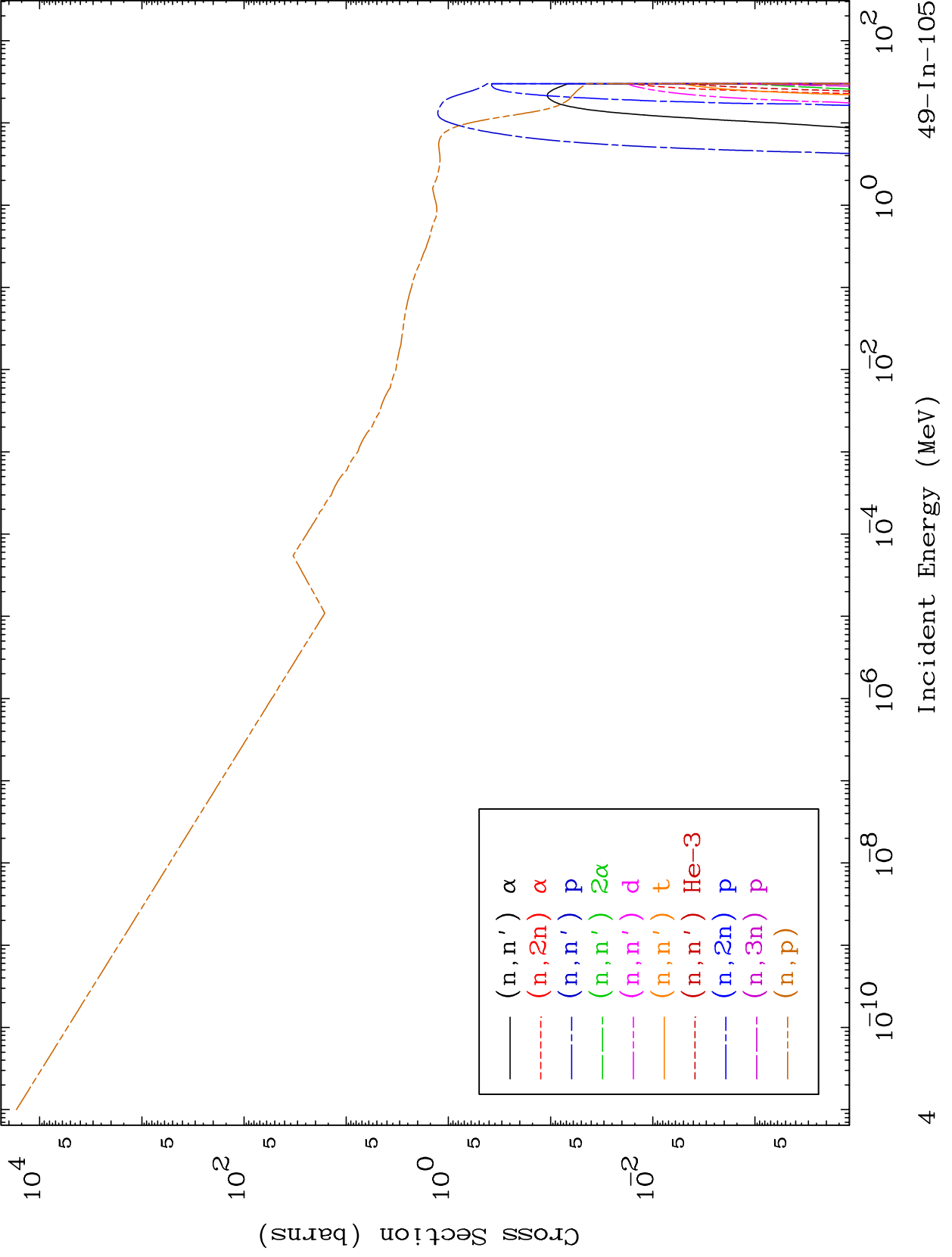




MAT 4902

Charged Particle  
293 Kelvin Cross Sections

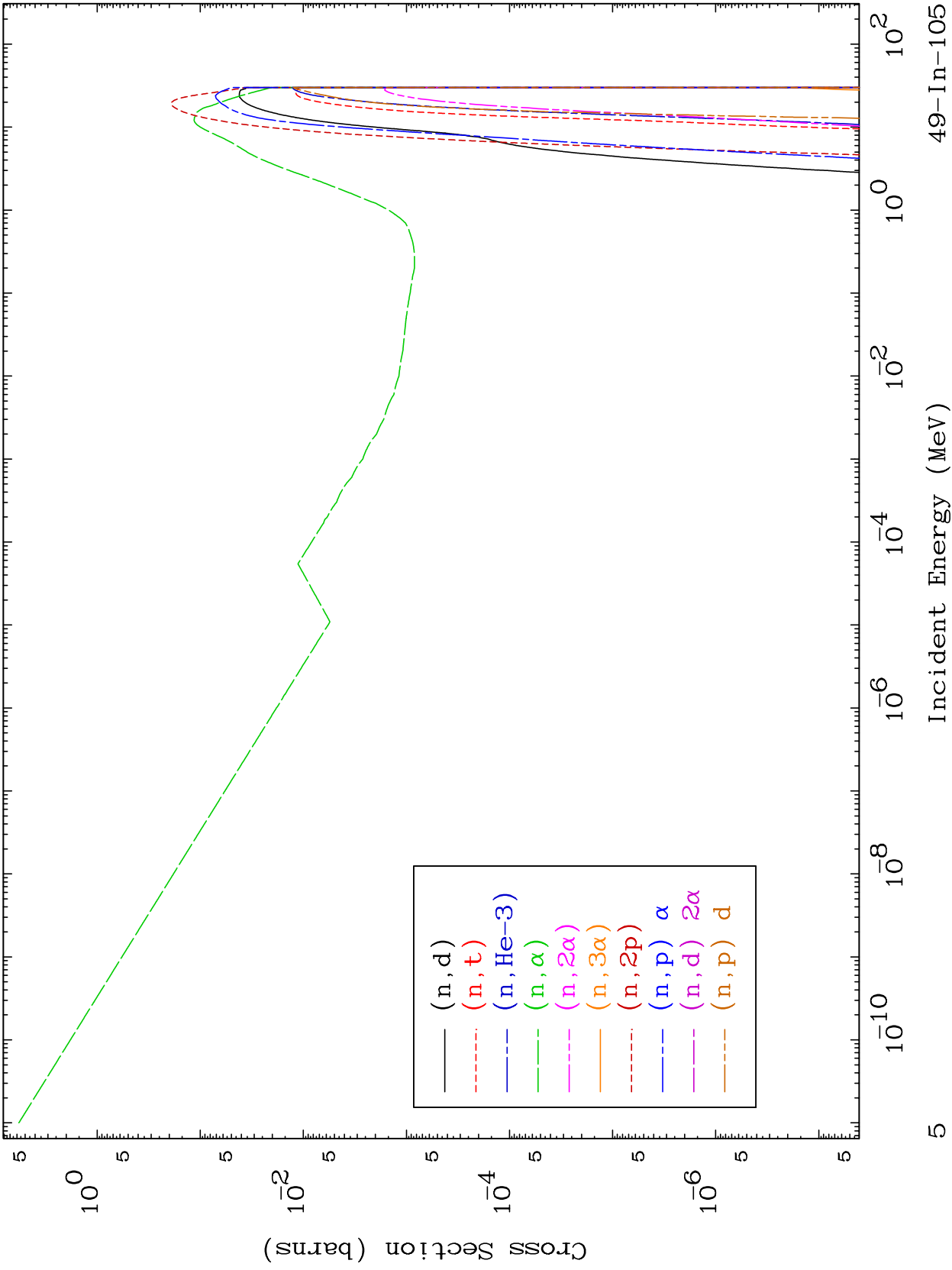
49-In-105



MAT 4902

Charged Particle  
293 Kelvin Cross Sections

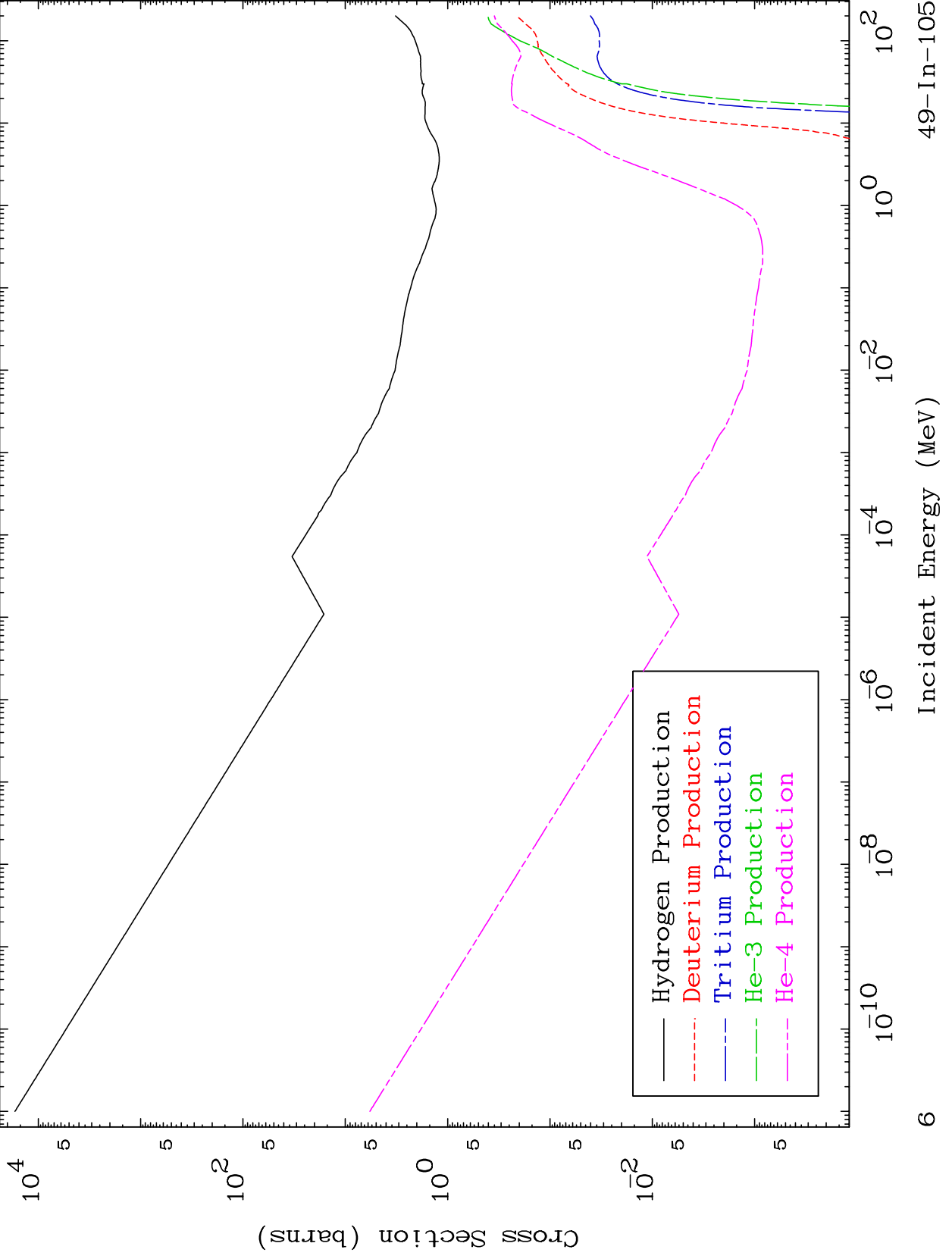
49-In-105



MAT 4902

Particle Production  
293 Kelvin Cross Sections

49-In-105





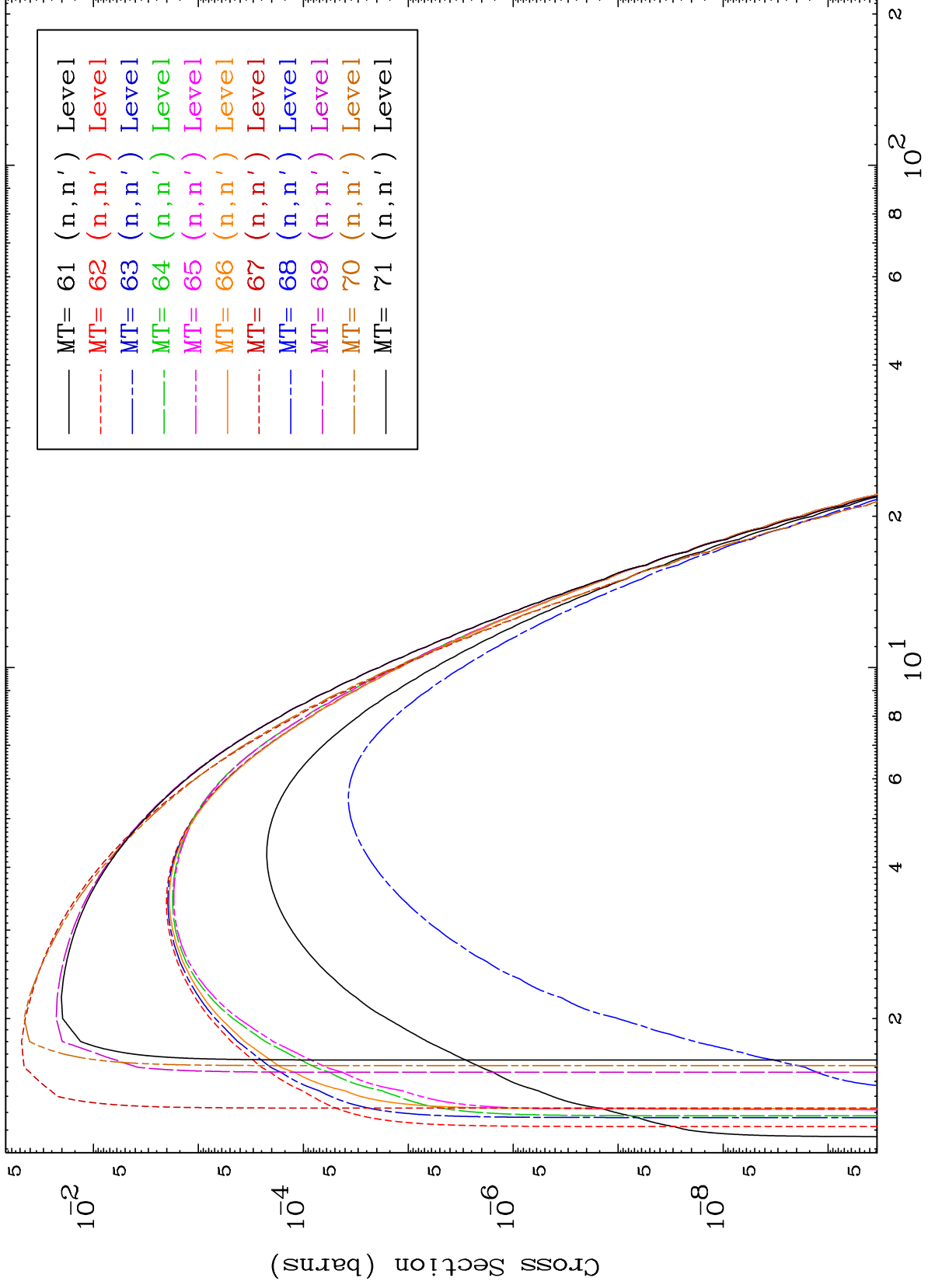


MAT 4902

(n,n') Level

49-In-105

293 Kelvin Cross Sections



8

Incident Energy (MeV)

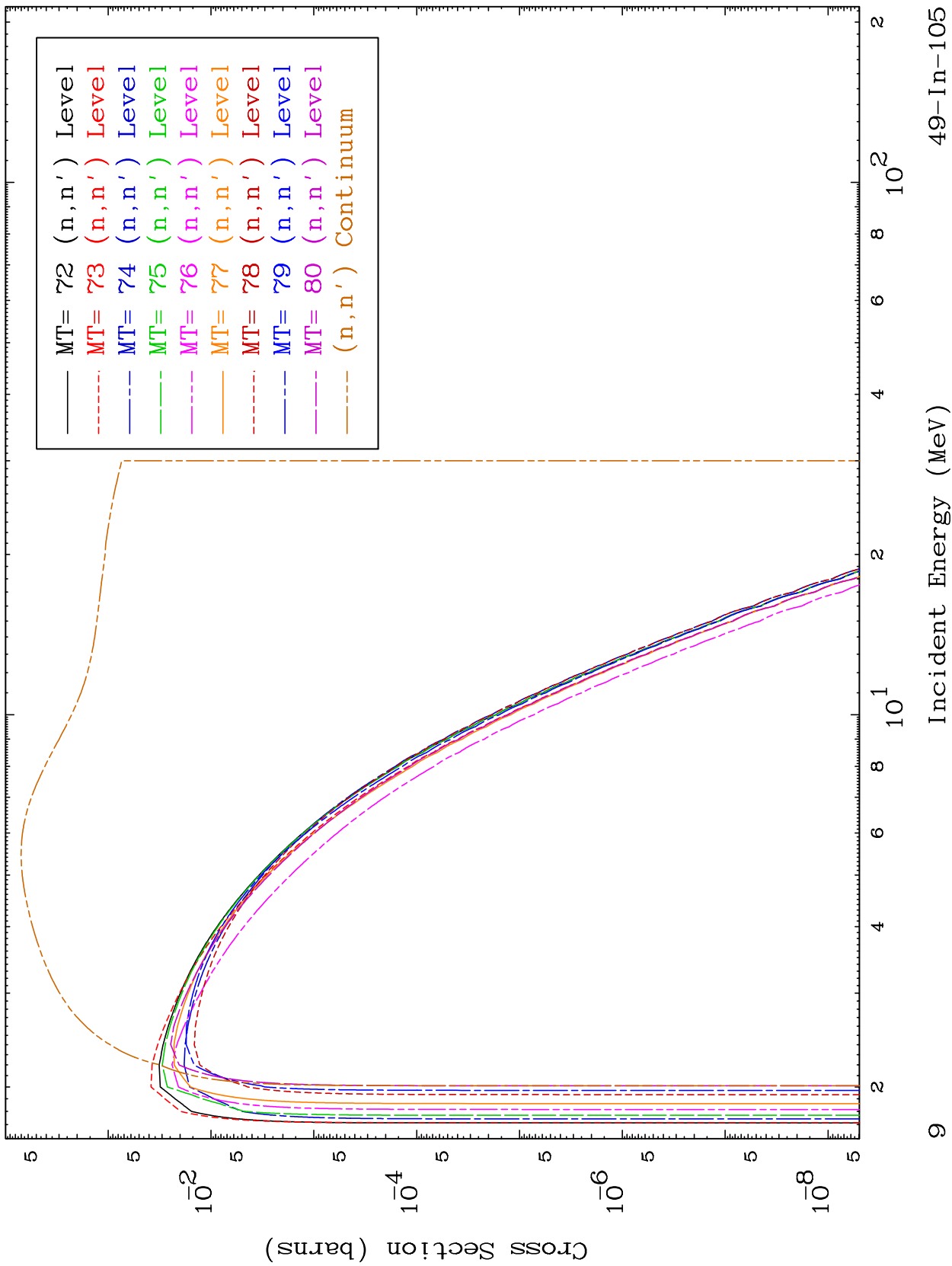
49-In-105

MAT 4902

(n,n') Level

49-In-105

293 Kelvin Cross Sections



9

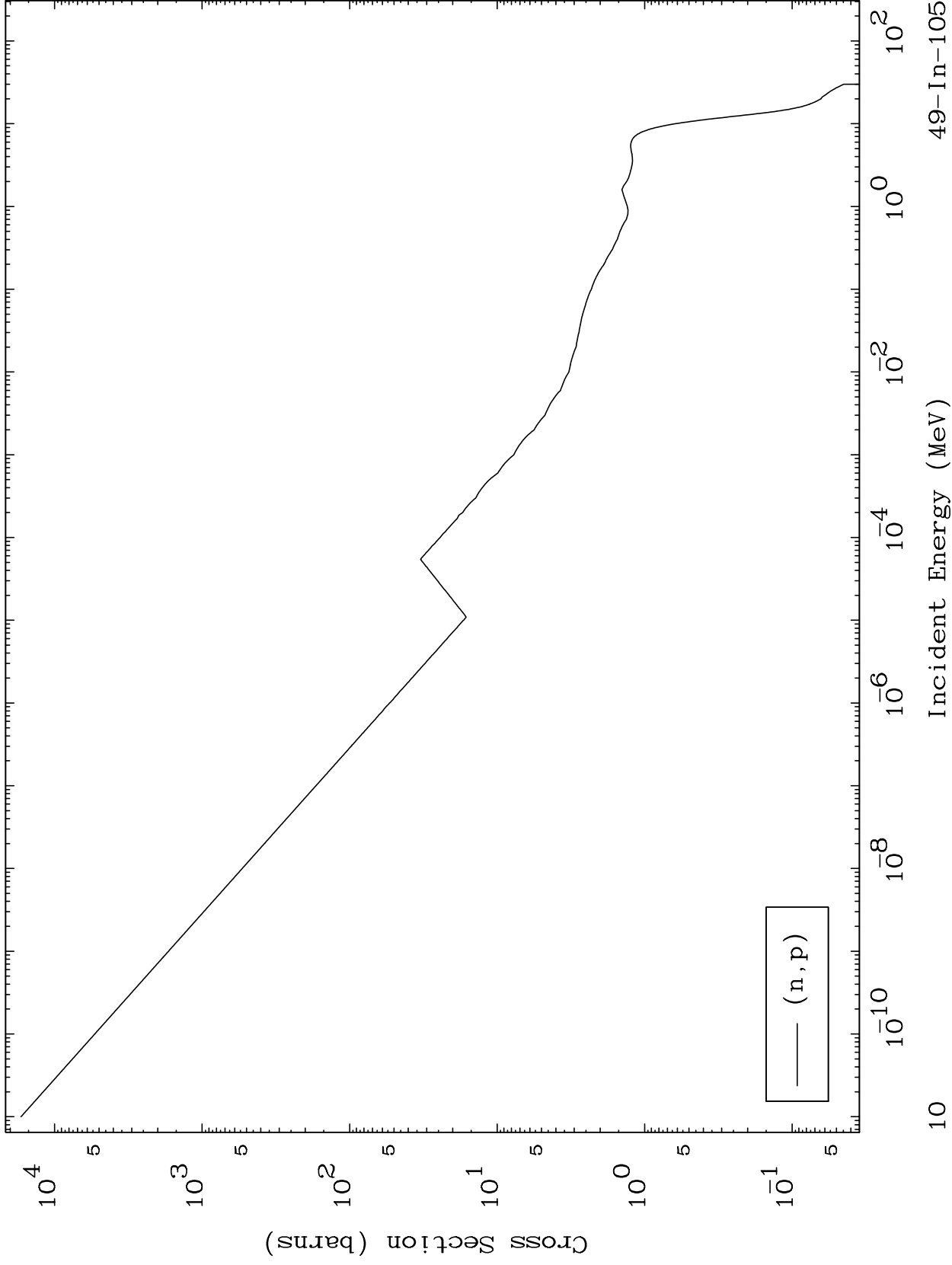
Incident Energy (MeV)

49-In-105

MAT 4902

(n,p) Levels  
293 Kelvin Cross Sections

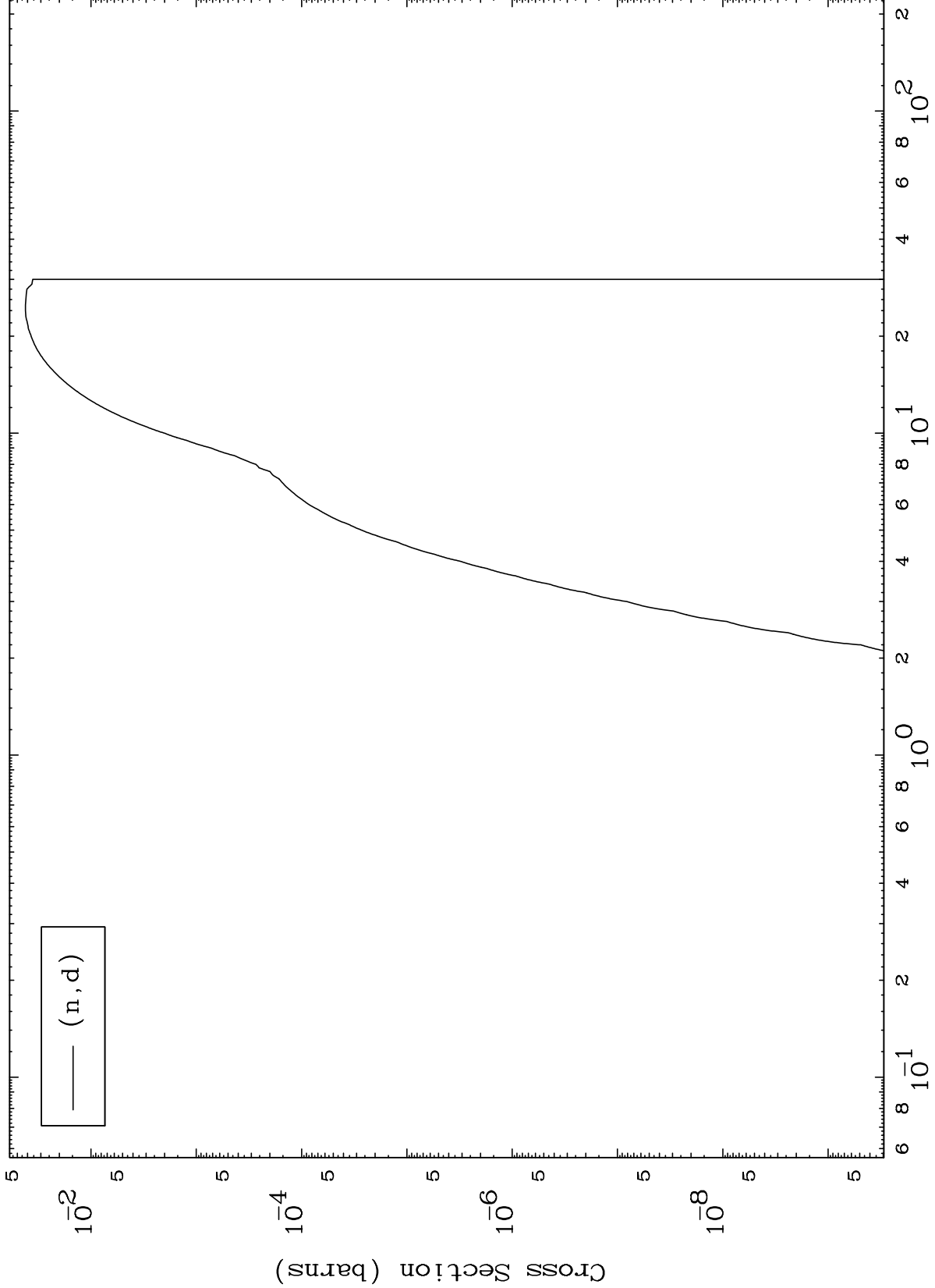
49-In-105



MAT 4902

(n,d) Levels  
293 Kelvin Cross Sections

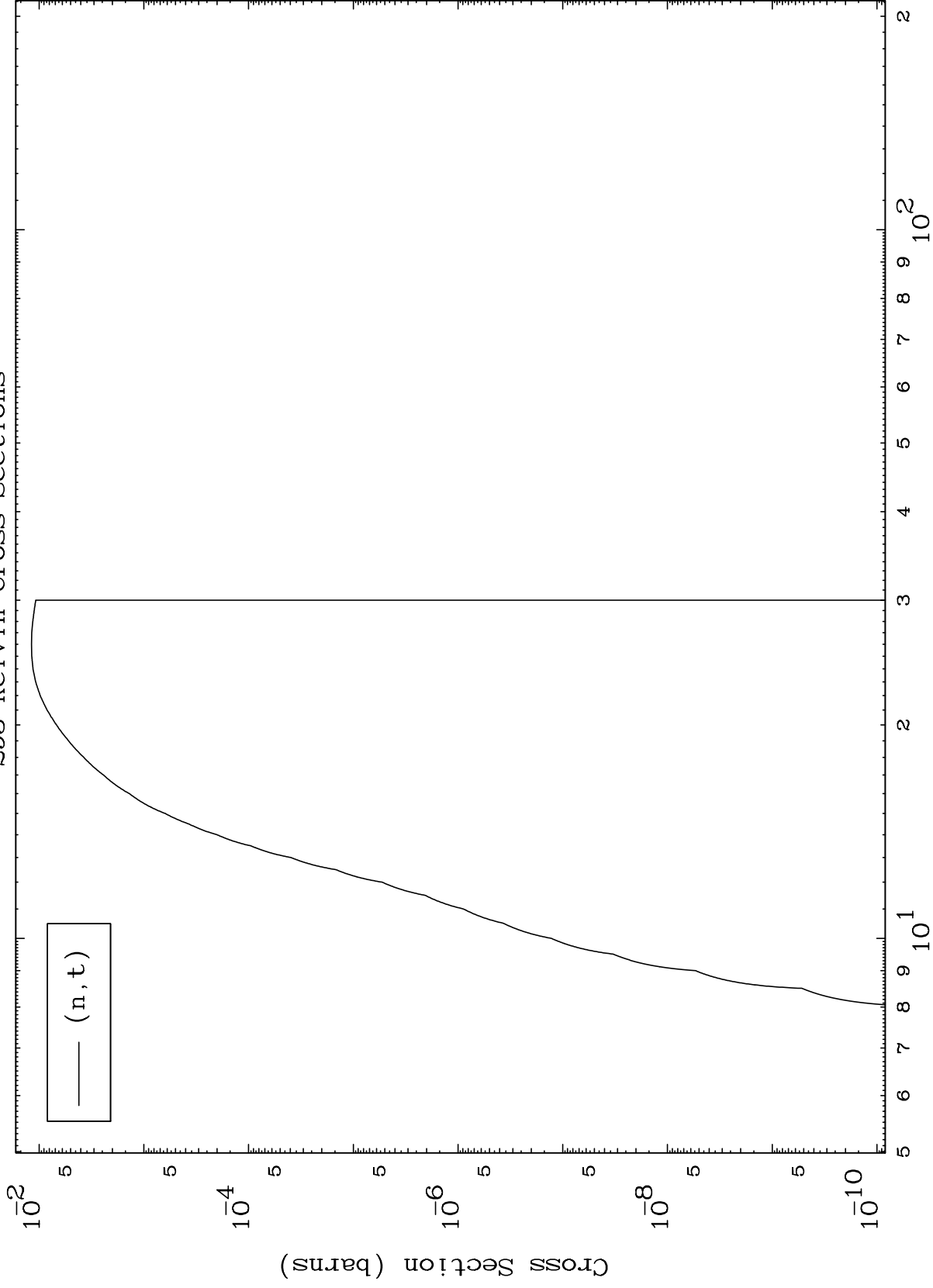
49-In-105



MAT 4902

(n,t) Levels  
293 Kelvin Cross Sections

49-In-105



12

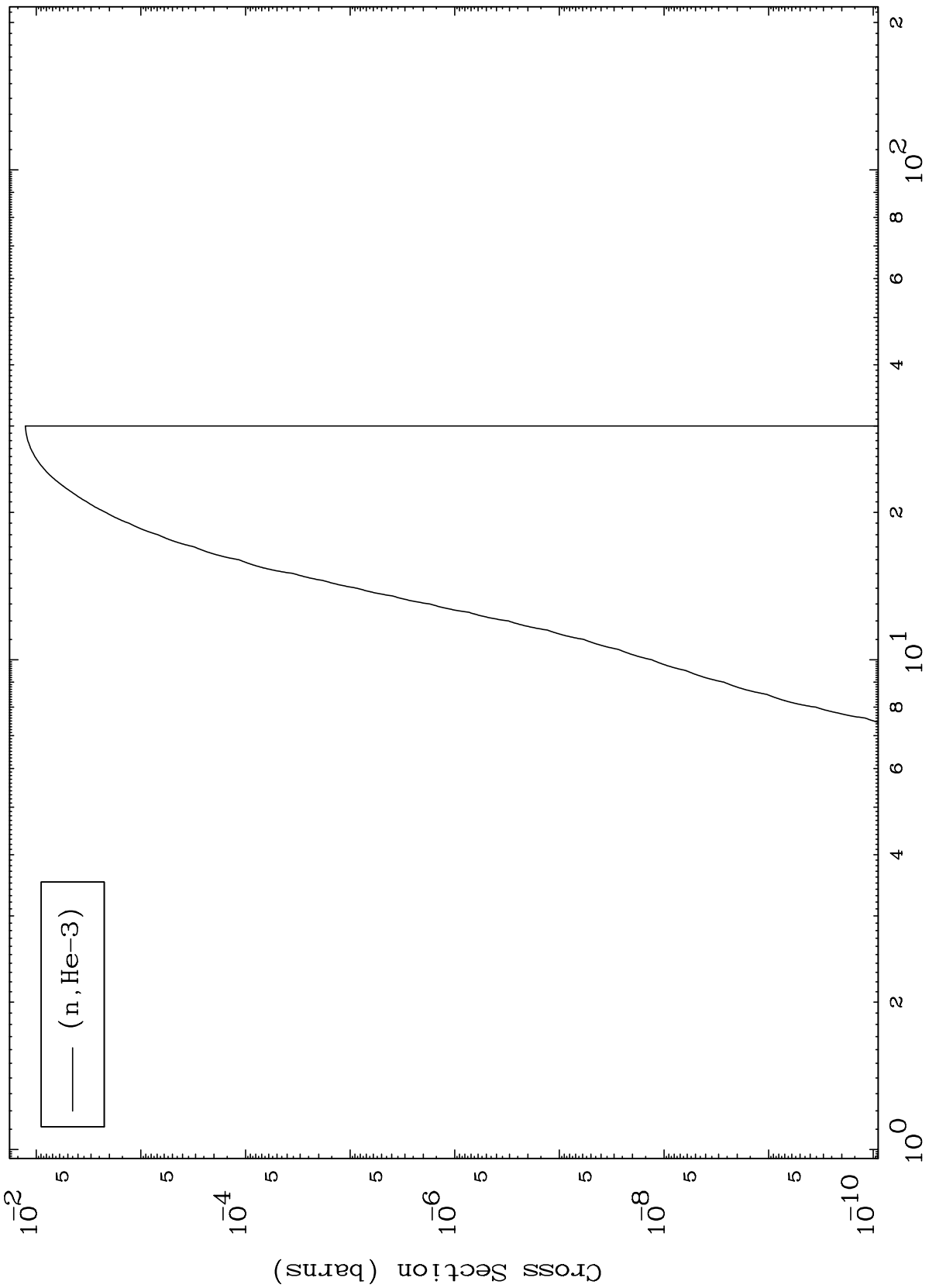
Incident Energy (MeV)

49-In-105

MAT 4902

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-105



13

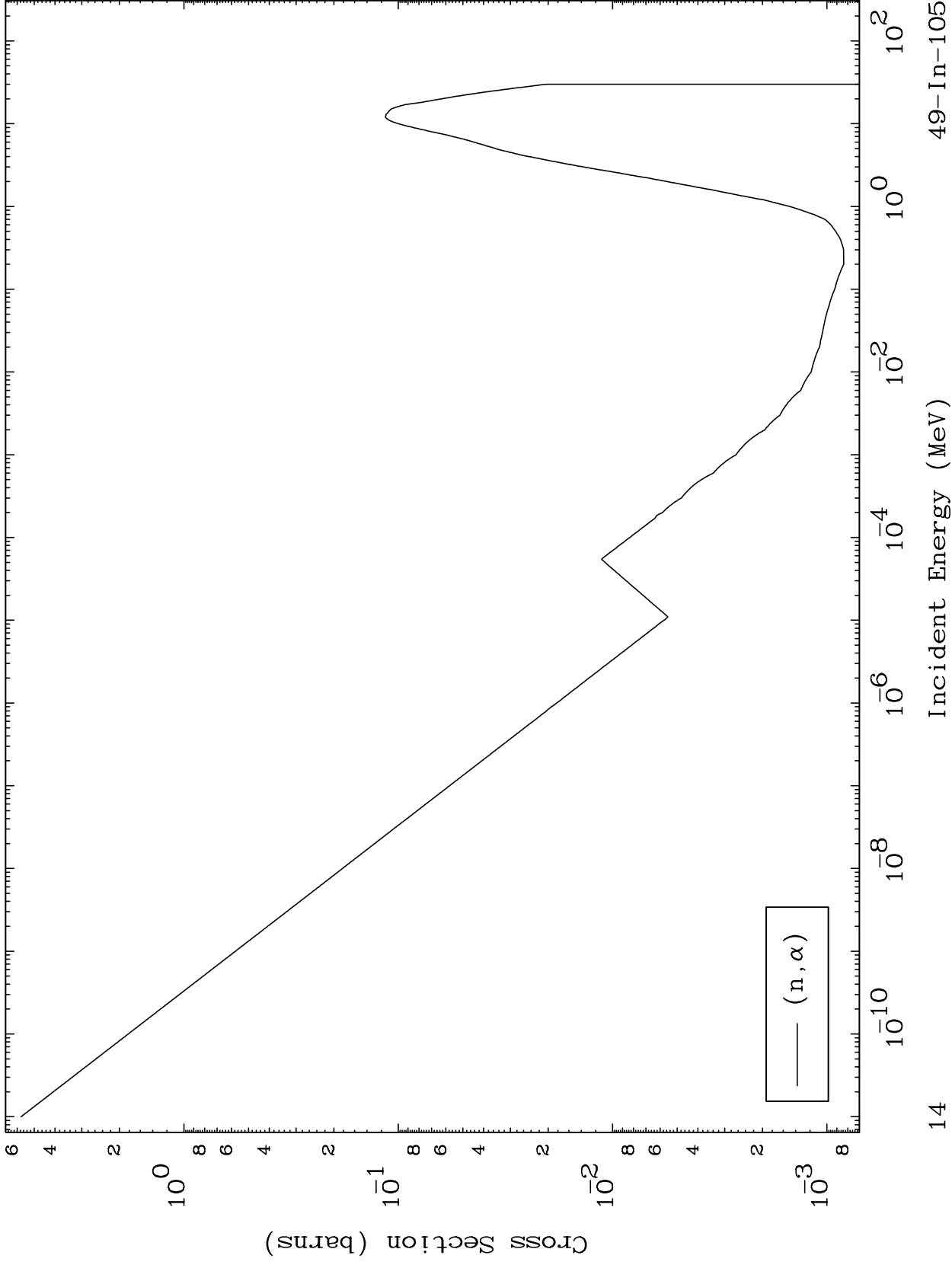
Incident Energy (MeV)

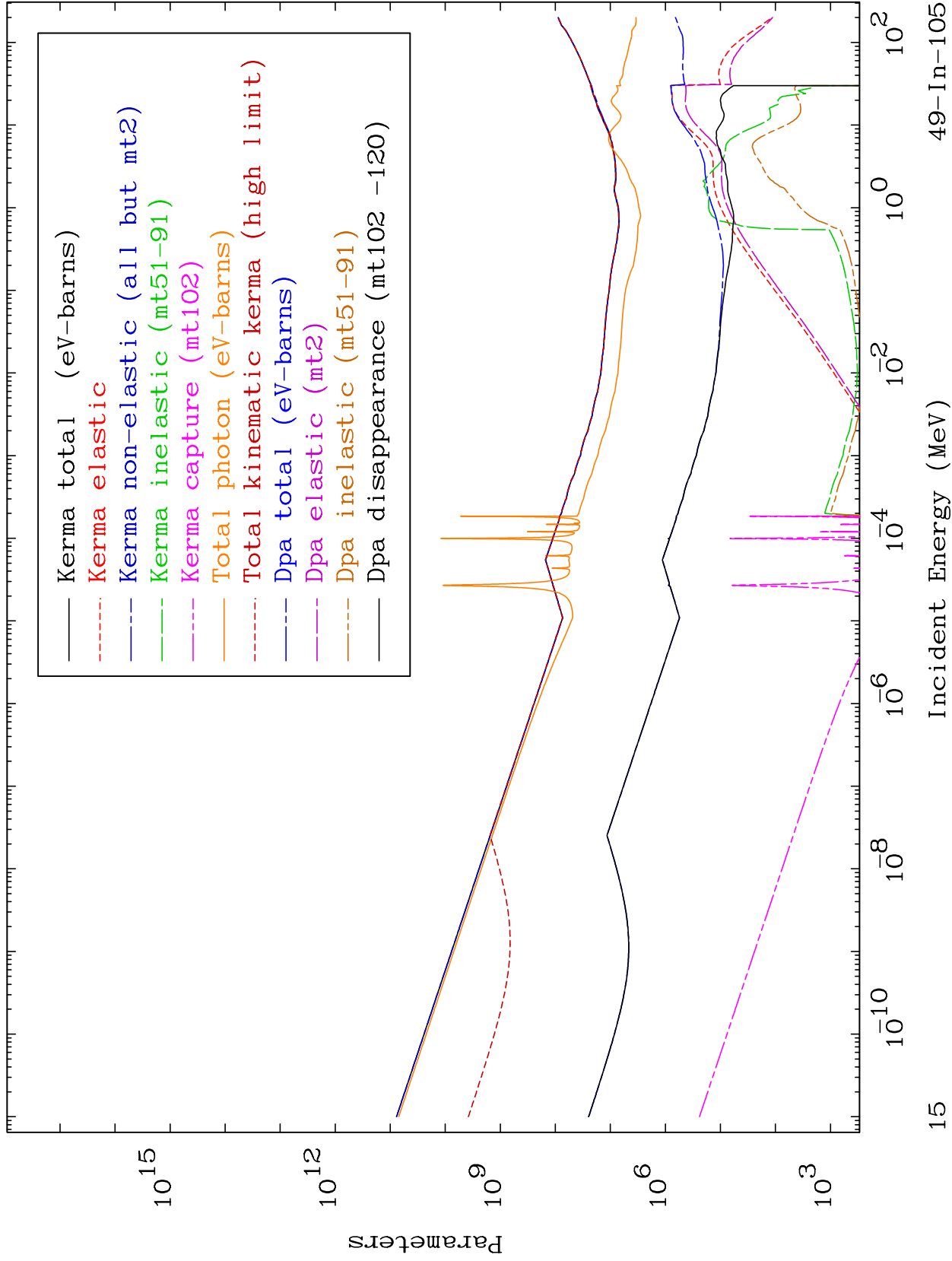
49-In-105

MAT 4902

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

49-In-105



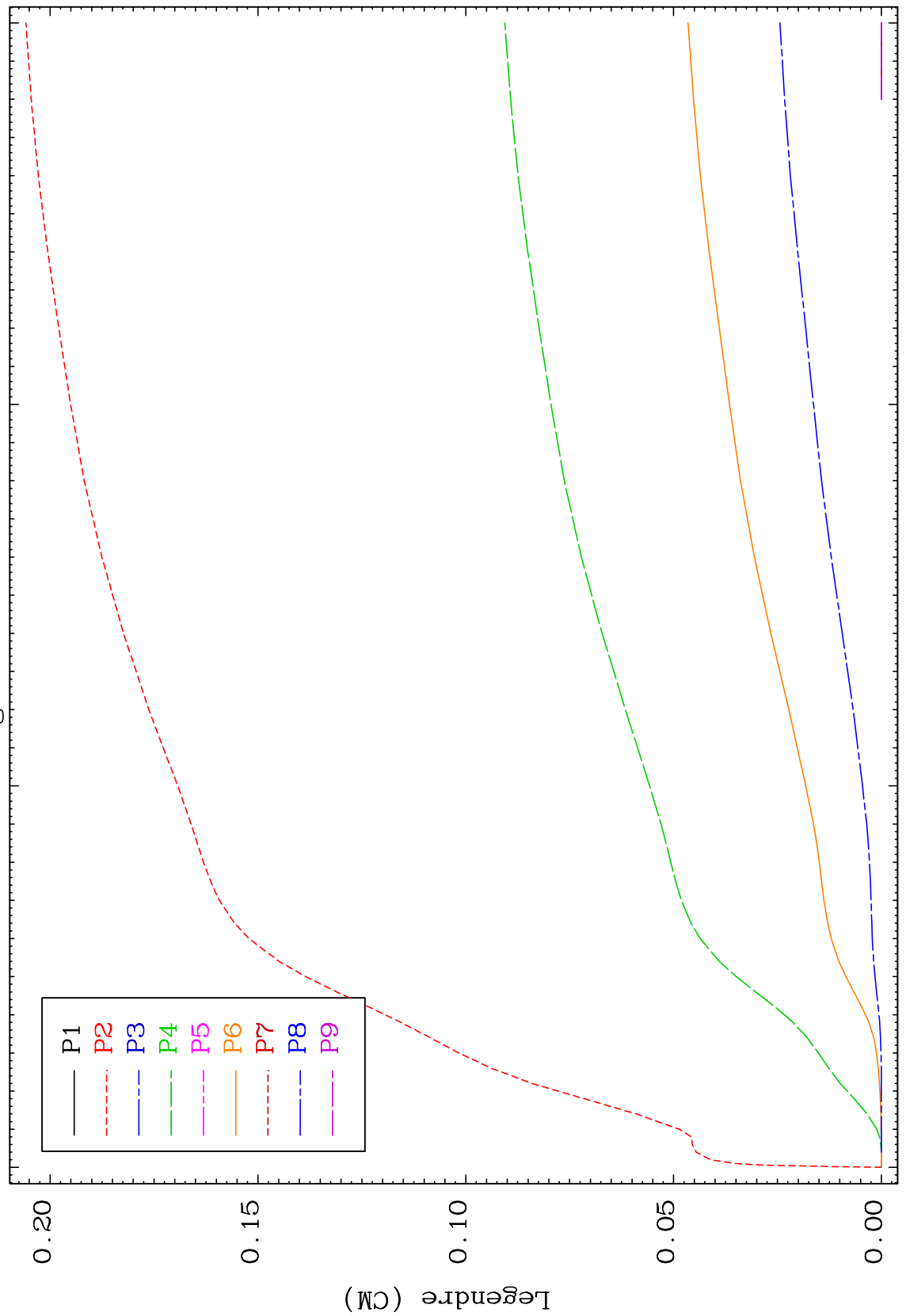




MAT 4902

Elastic Legendre Coefficients

49-In-105



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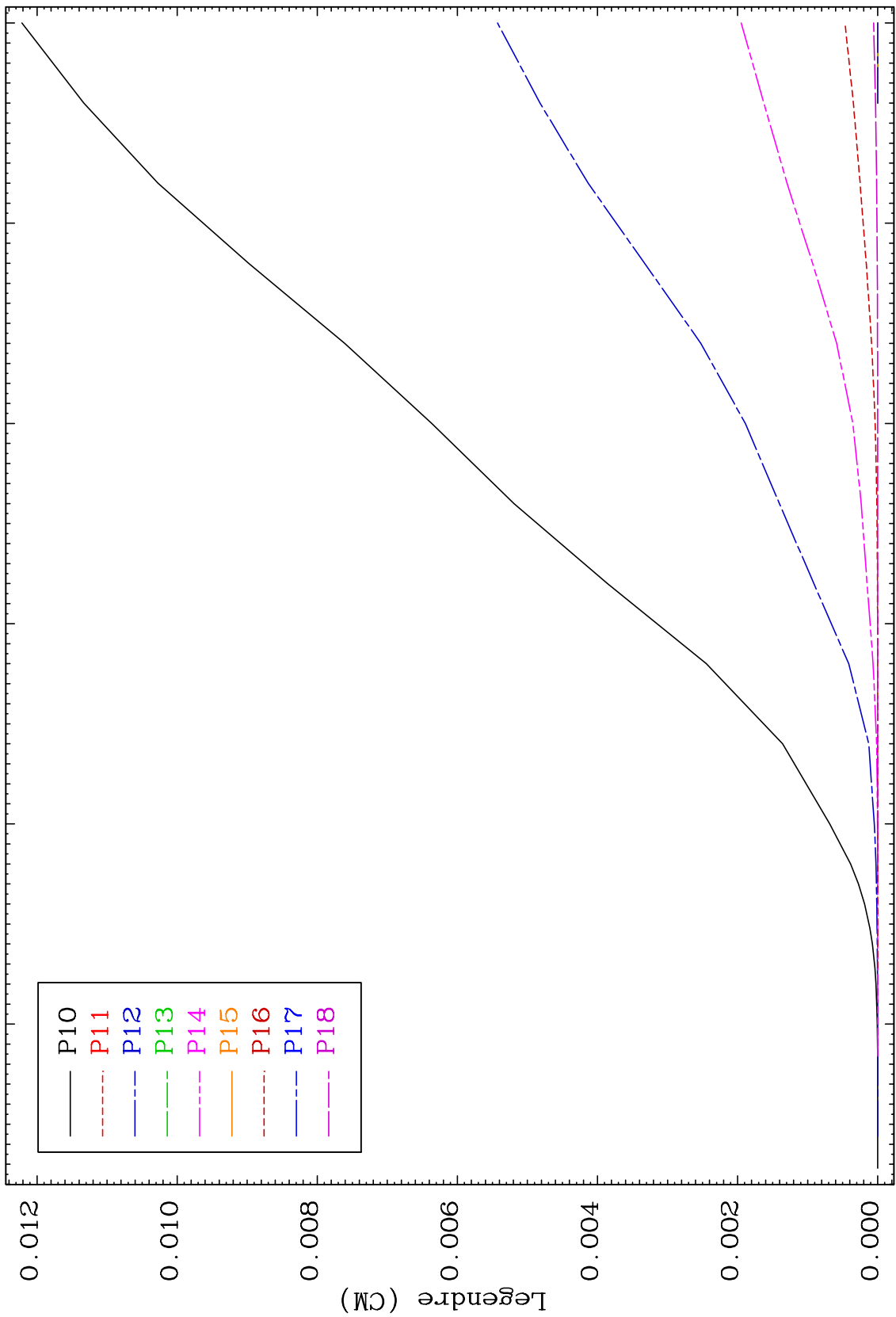
Incident Energy (MeV)

49-In-105

MAT 4902

Elastic Legendre Coefficients

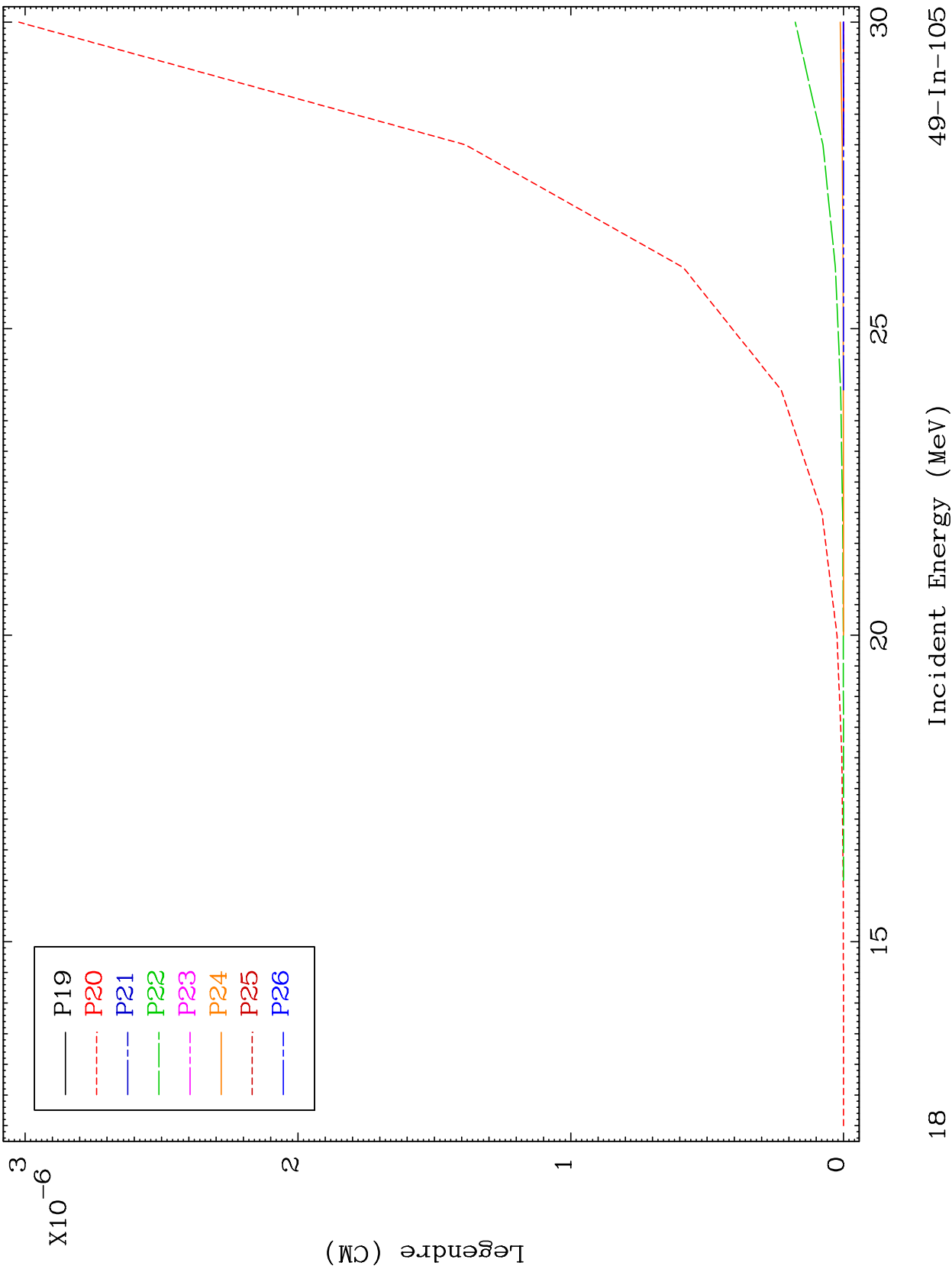
49-In-105



MAT 4902

Elastic  
Legendre Coefficients

49-In-105



18

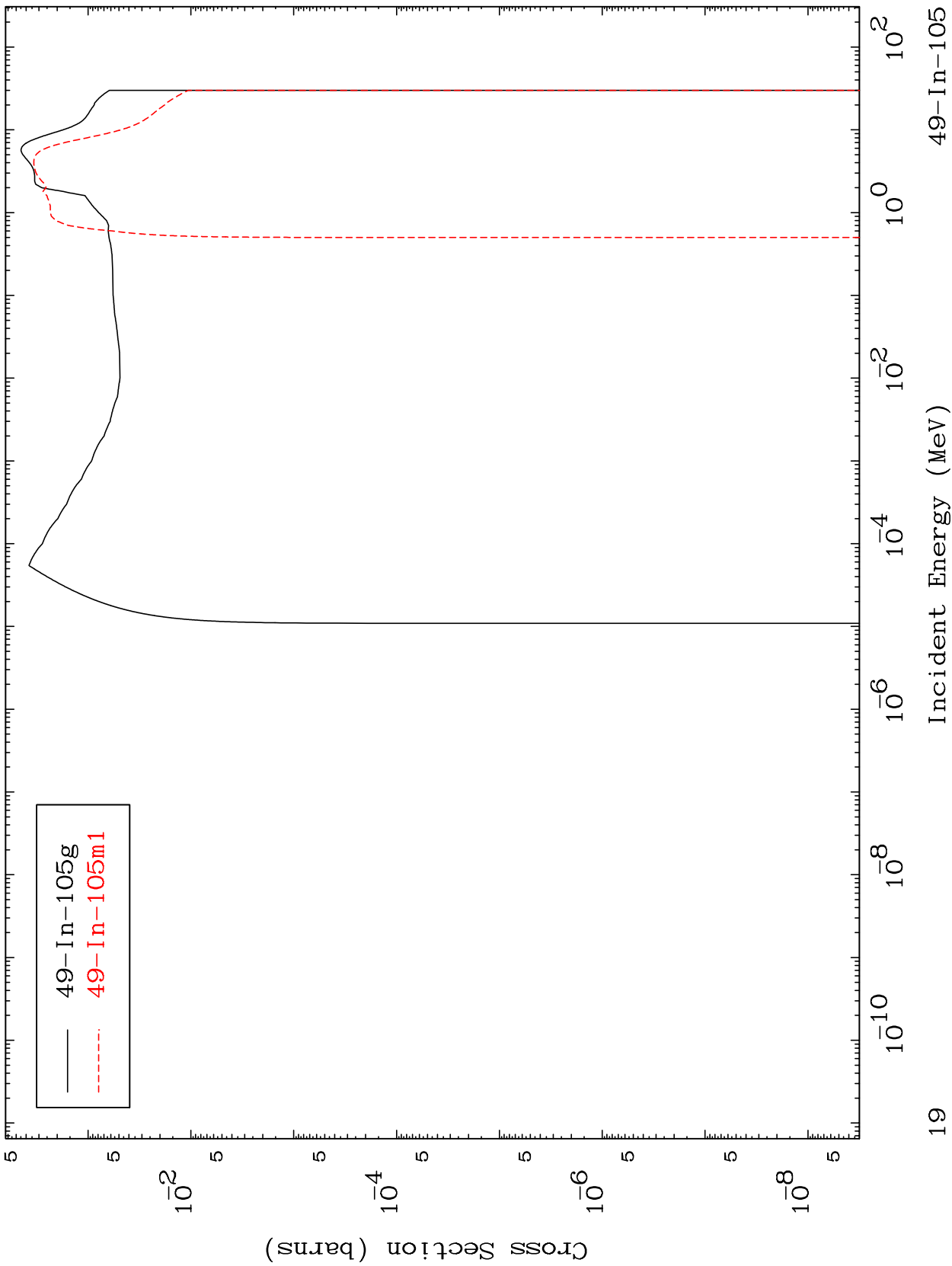
Incident Energy (MeV)

49-In-105

MAT 4902

49-In-105

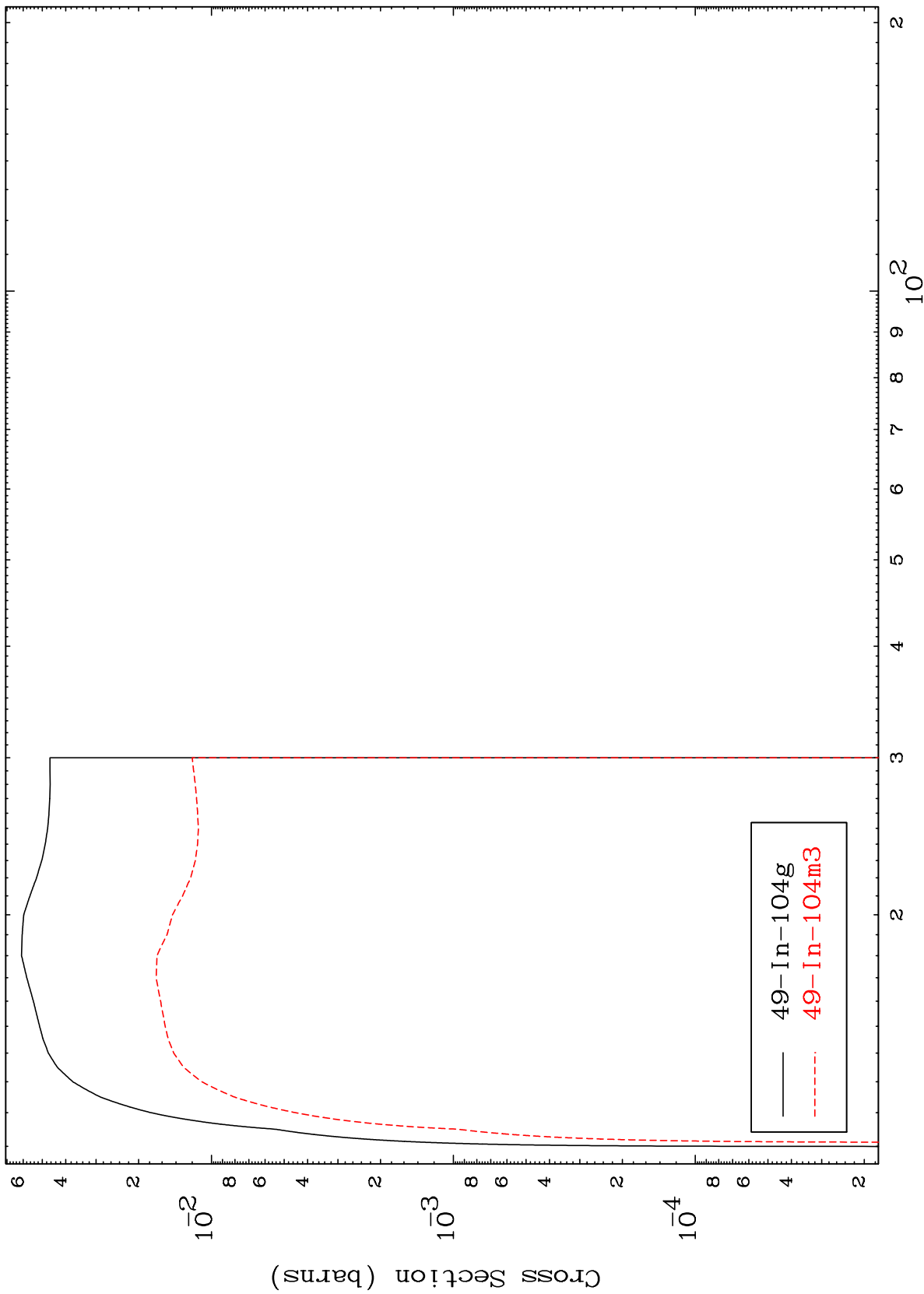
Inelastic  
Radionuclide Production Cross Section



MAT 4902

49-In-105

(n,2n)  
Radionuclide Production Cross Section



20

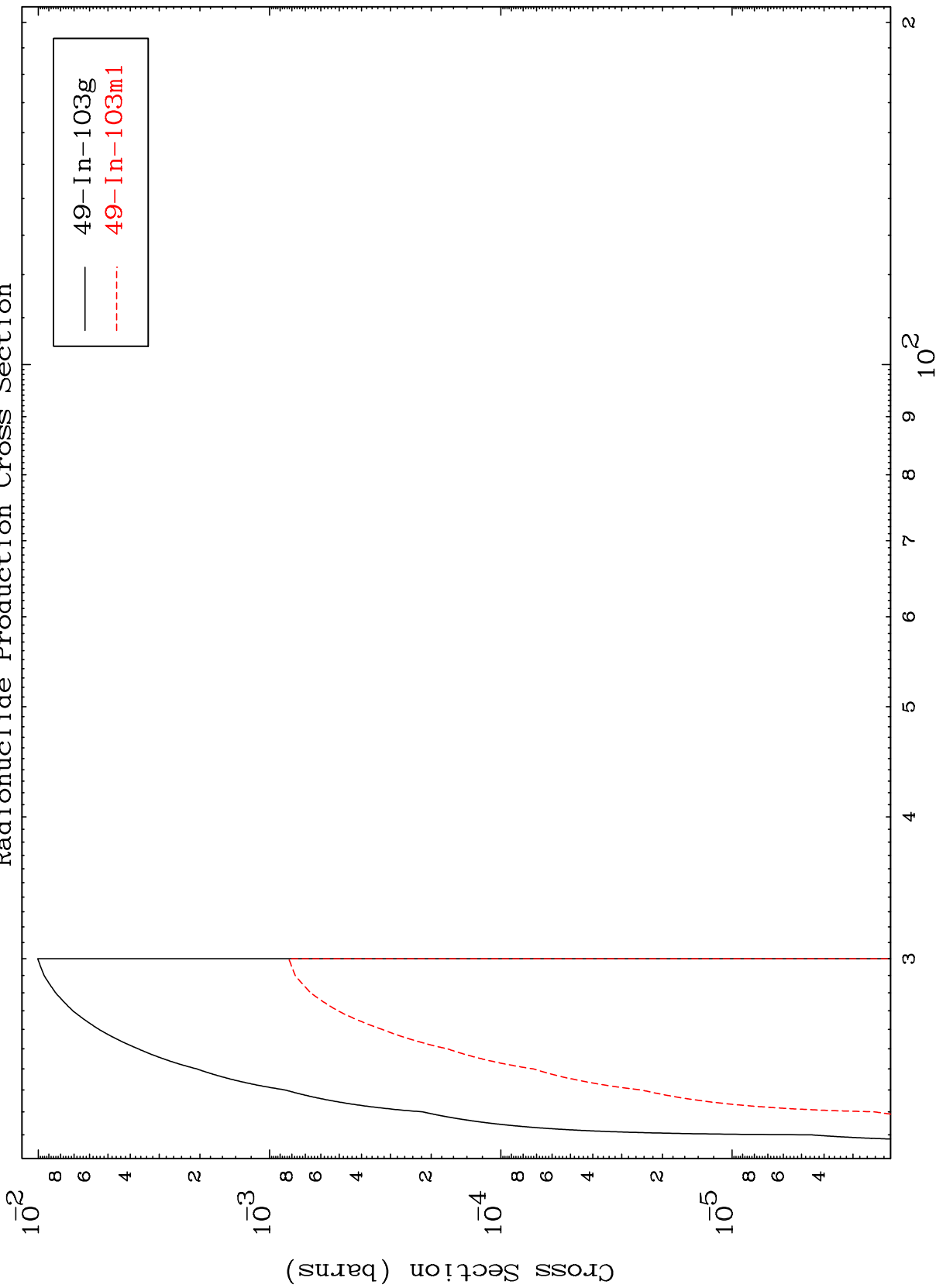
Incident Energy (MeV)

49-In-105

MAT 4902

49-In-105

(n,3n)  
Radionuclide Production Cross Section

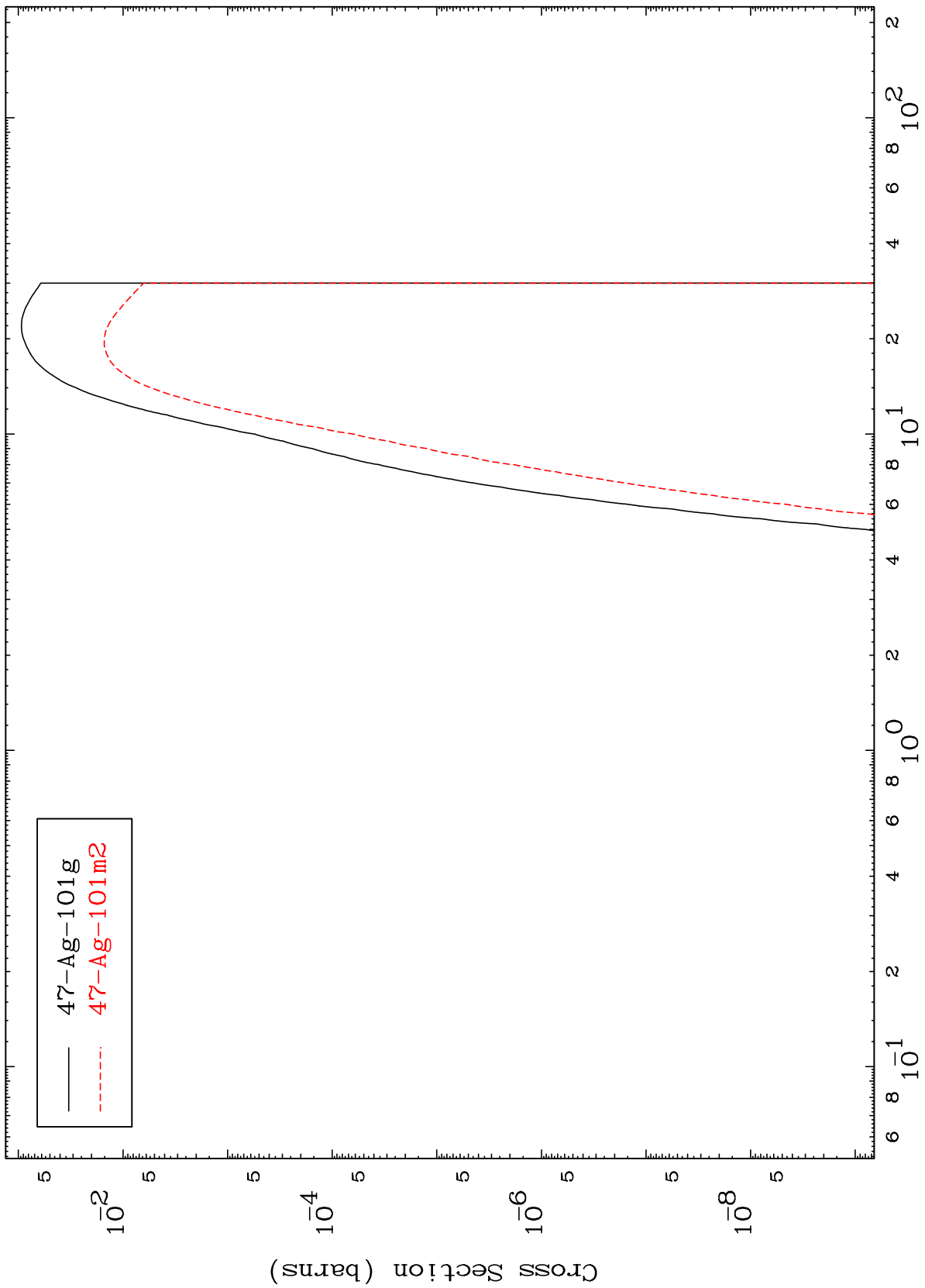


MAT 4902

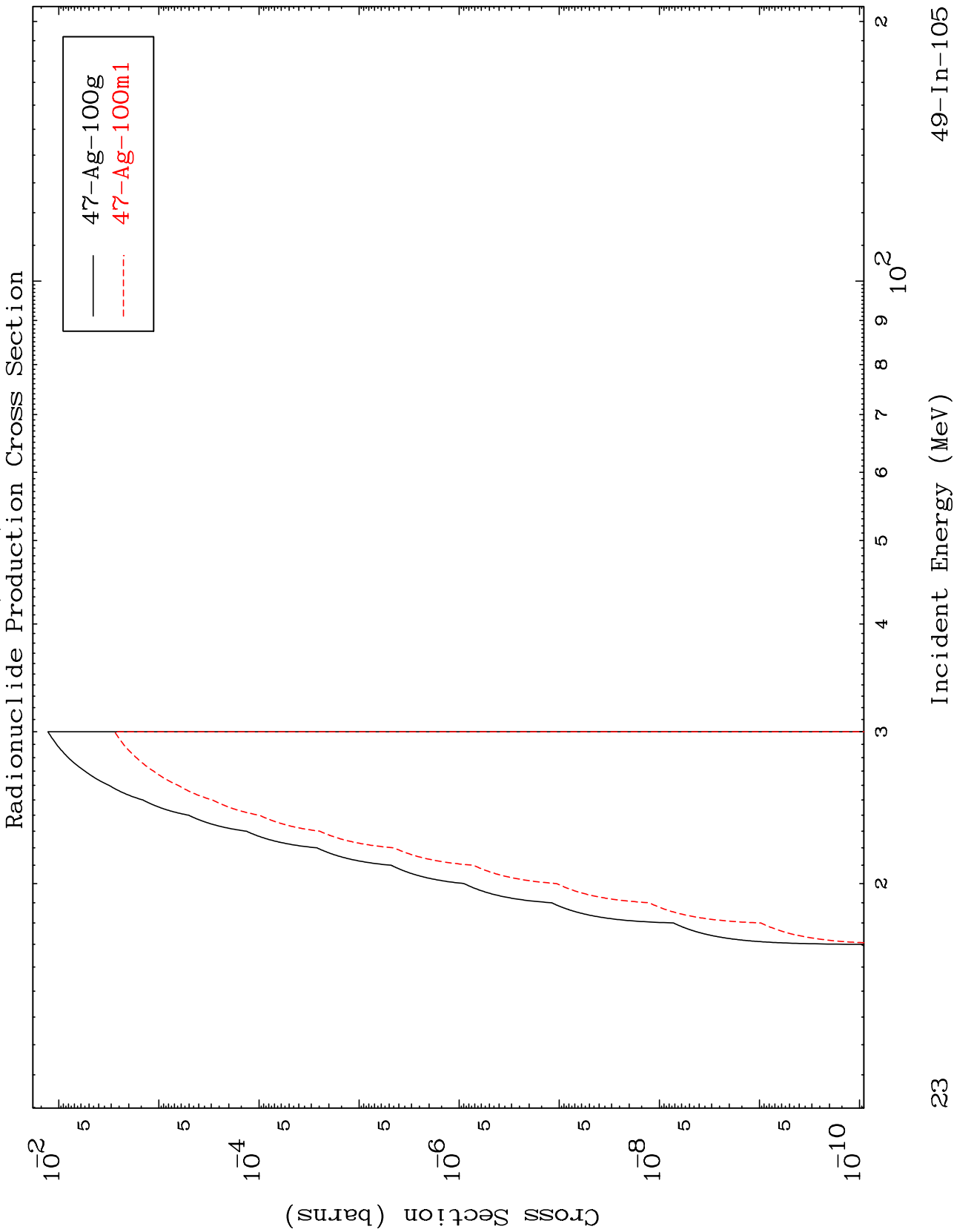
(n,n')  $\alpha$

49-In-105

Radionuclide Production Cross Section



— 47-Ag-101g  
- - - 47-Ag-101m2



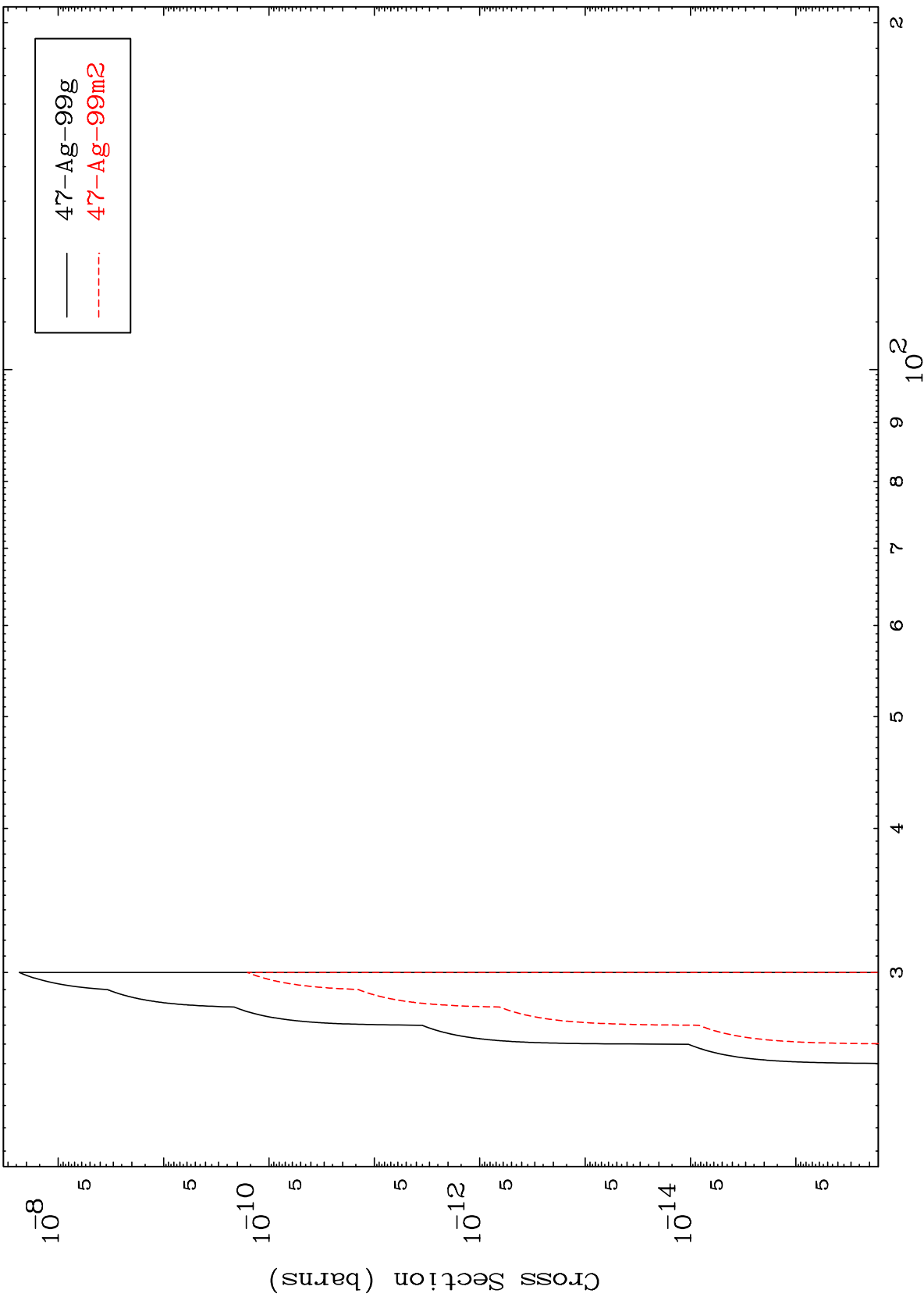


MAT 4902

(n,3n)  $\alpha$

49-In-105

Radionuclide Production Cross Section



24

Incident Energy (MeV)

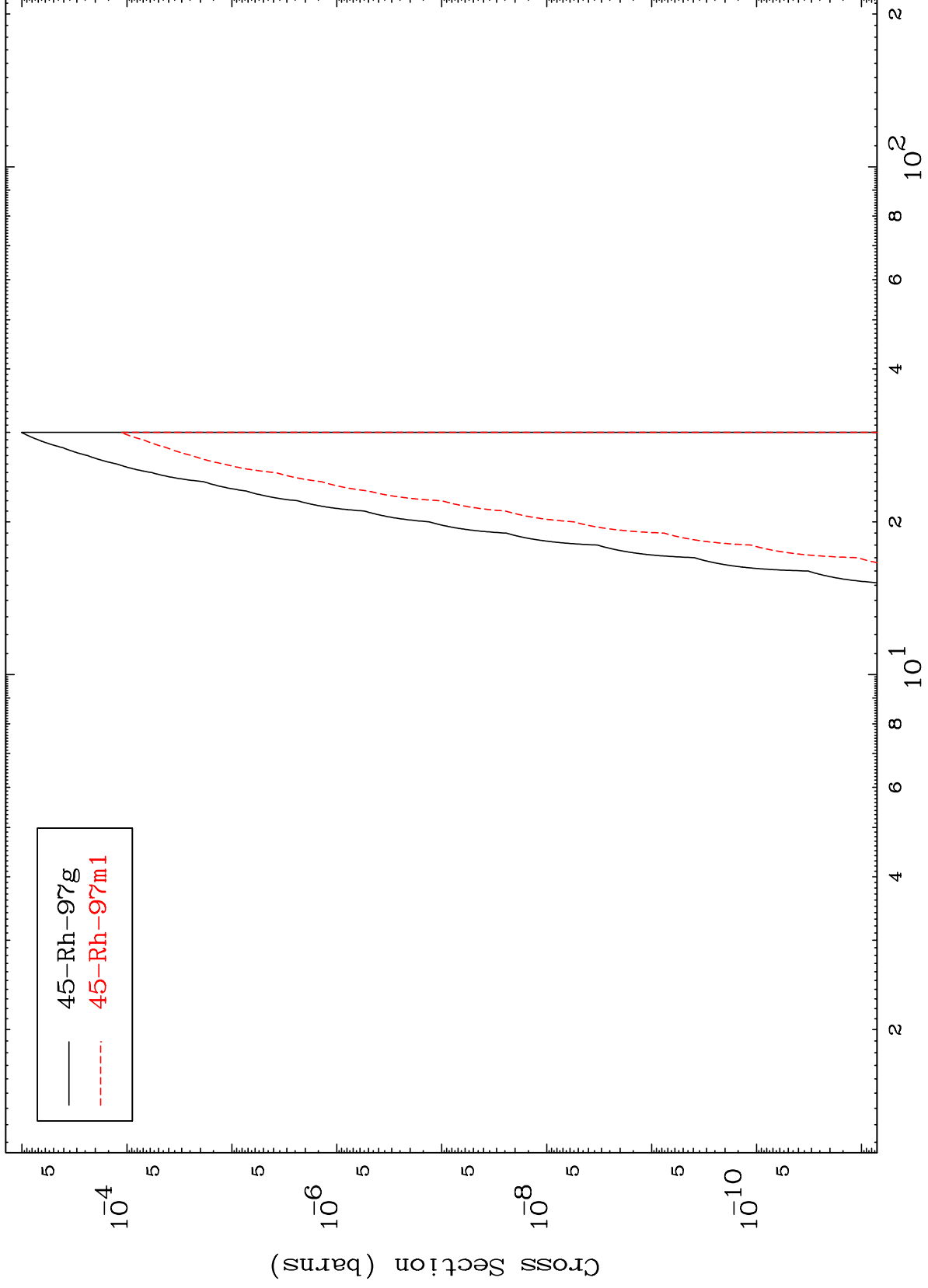
49-In-105

MAT 4902

(n,n') 2α

49-In-105

Radionuclide Production Cross Section



25

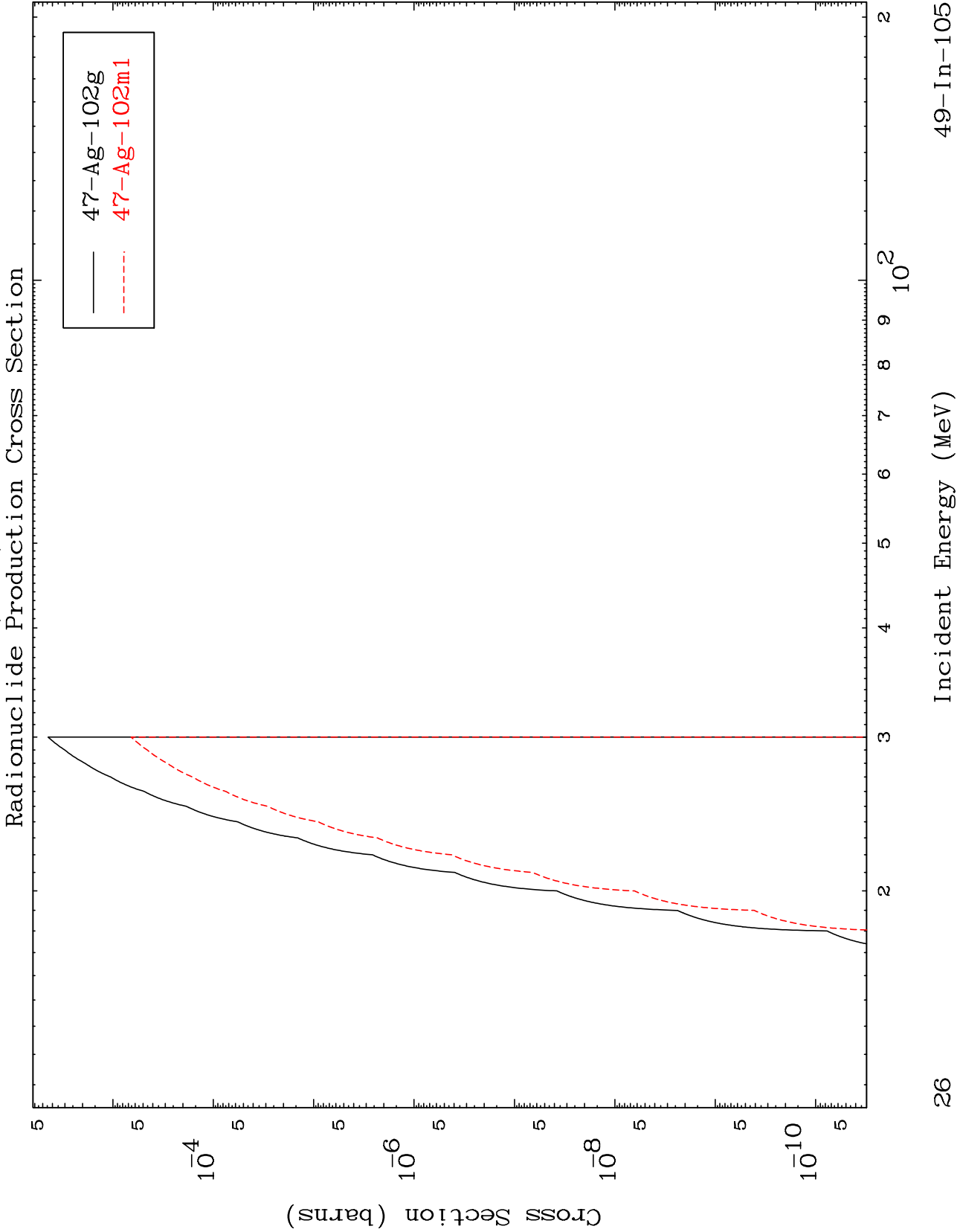
Incident Energy (MeV)

49-In-105

MAT 4902

(n,n') He-3

49-In-105



26

Incident Energy (MeV)

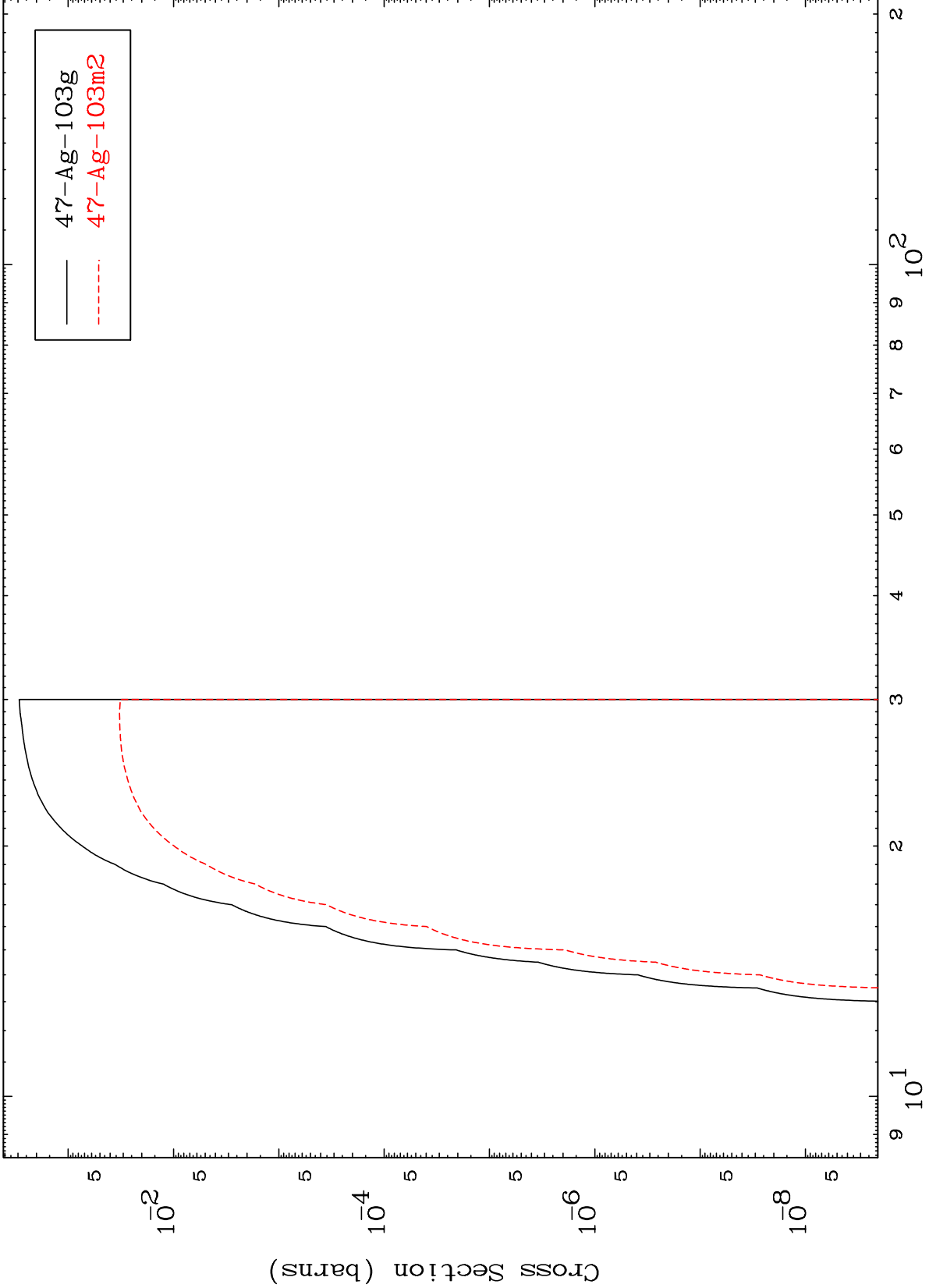
49-In-105

MAT 4902

(n,2n) p

49-In-105

Radionuclide Production Cross Section



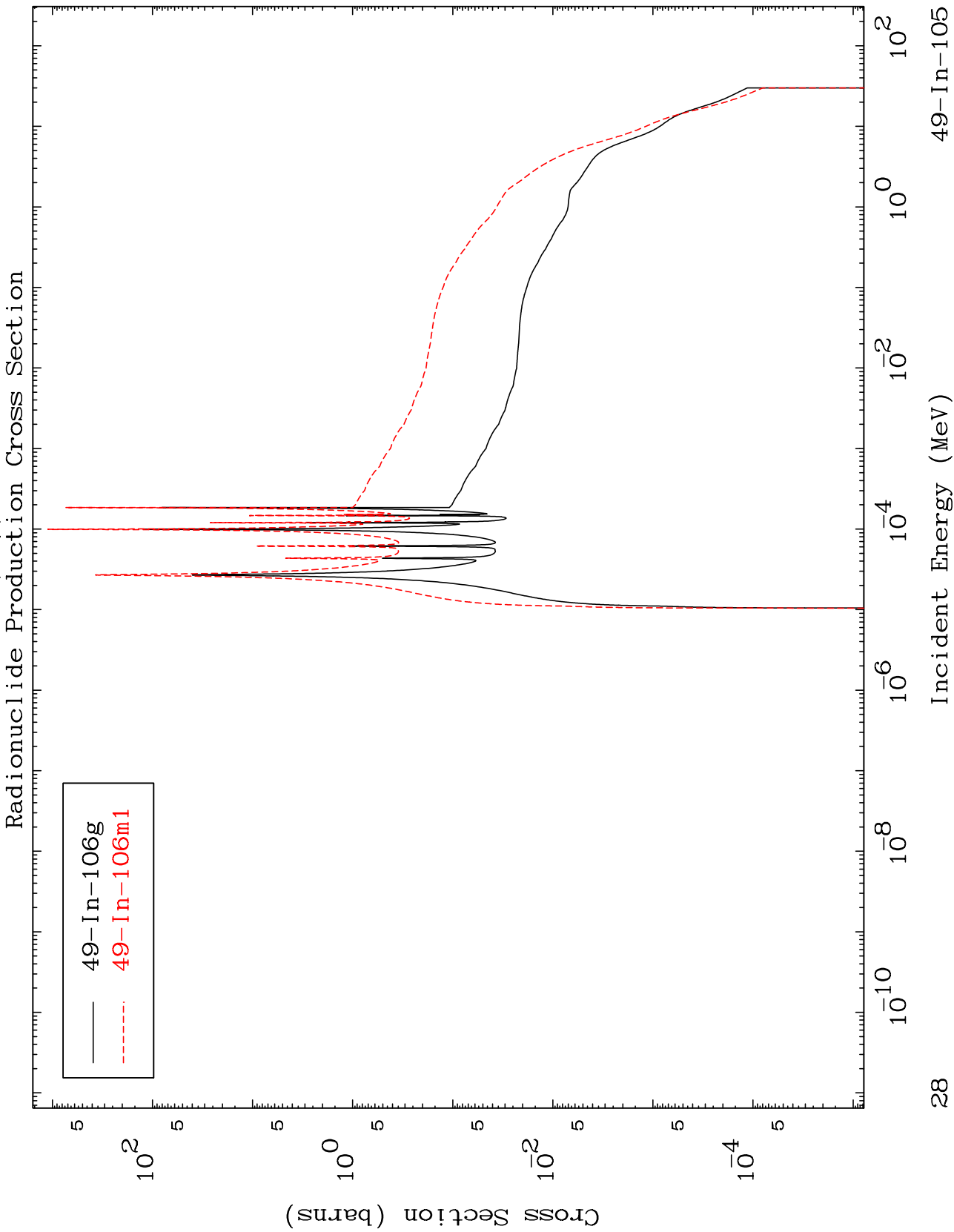
27

Incident Energy (MeV)

49-In-105

MAT 4902

49-In-105

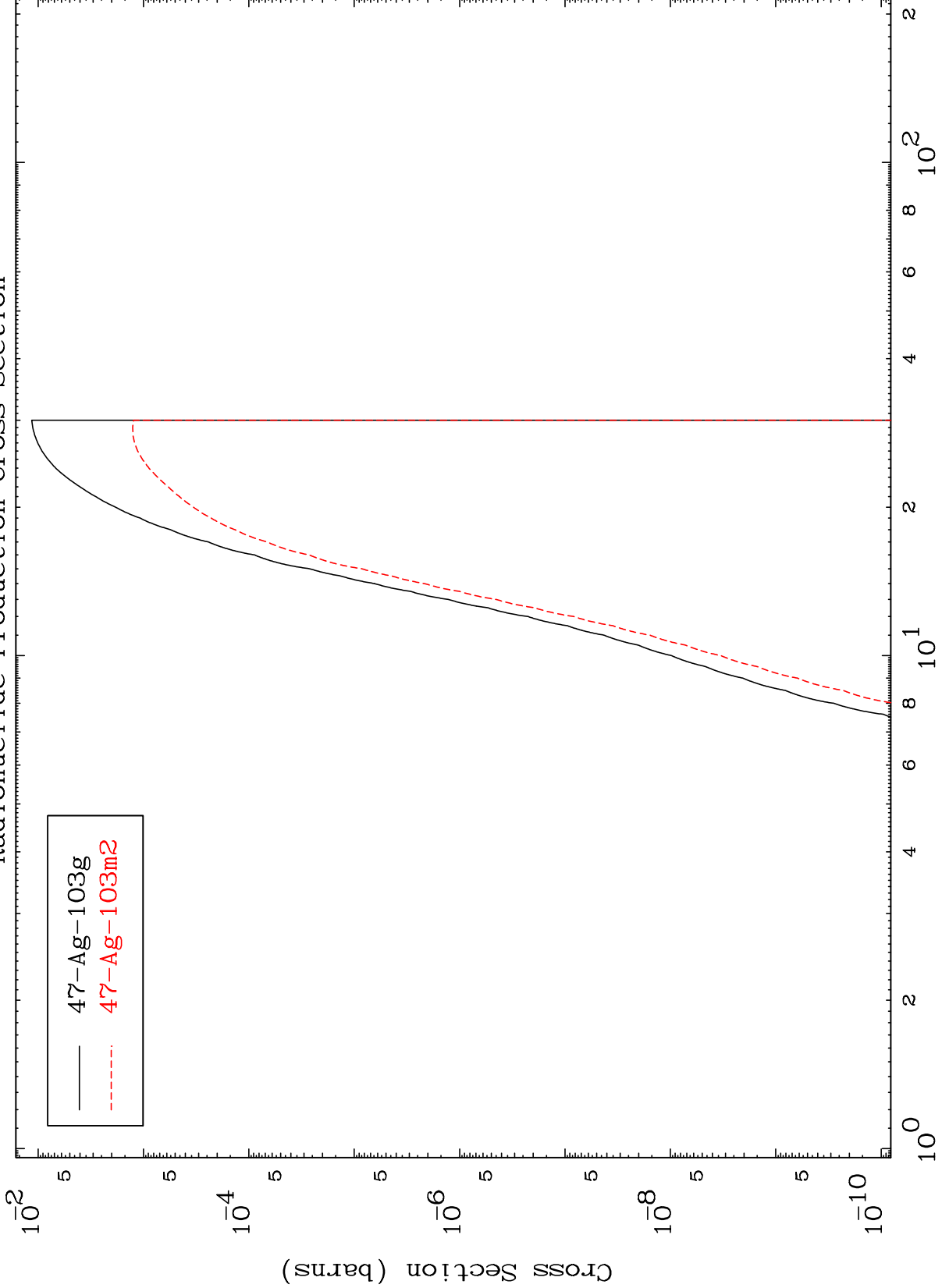


MAT 4902

(n,He-3)

49-In-105

Radionuclide Production Cross Section



29

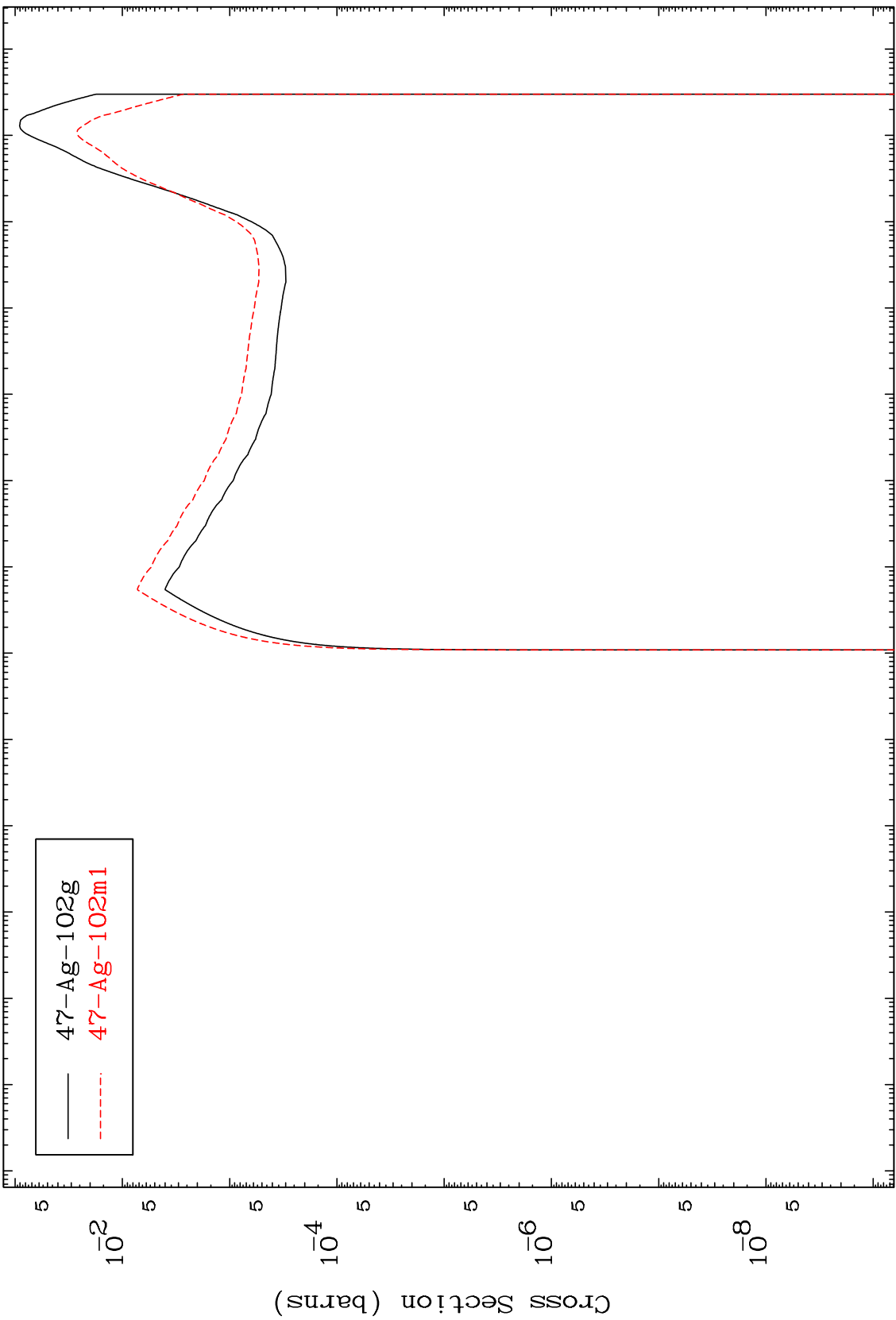
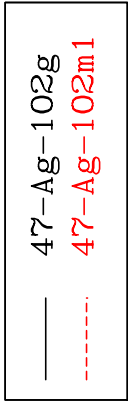
Incident Energy (MeV)

49-In-105

MAT 4902

49-In-105

Radionuclide Production Cross Section



49-In-105

10<sup>2</sup>

10<sup>0</sup>

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

Incident Energy (MeV)

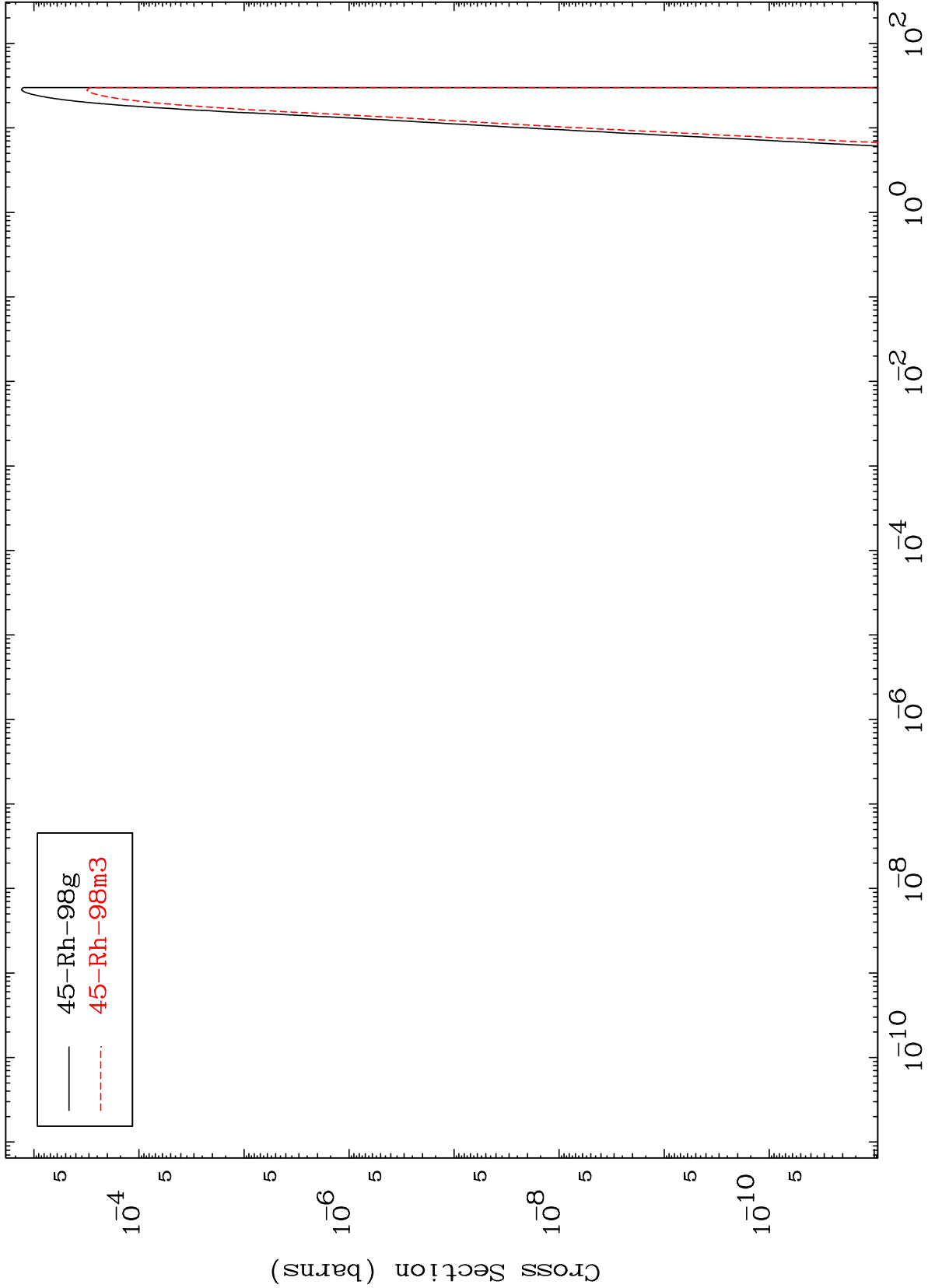
30

MAT 4902

(n,2α)

49-In-105

Radionuclide Production Cross Section



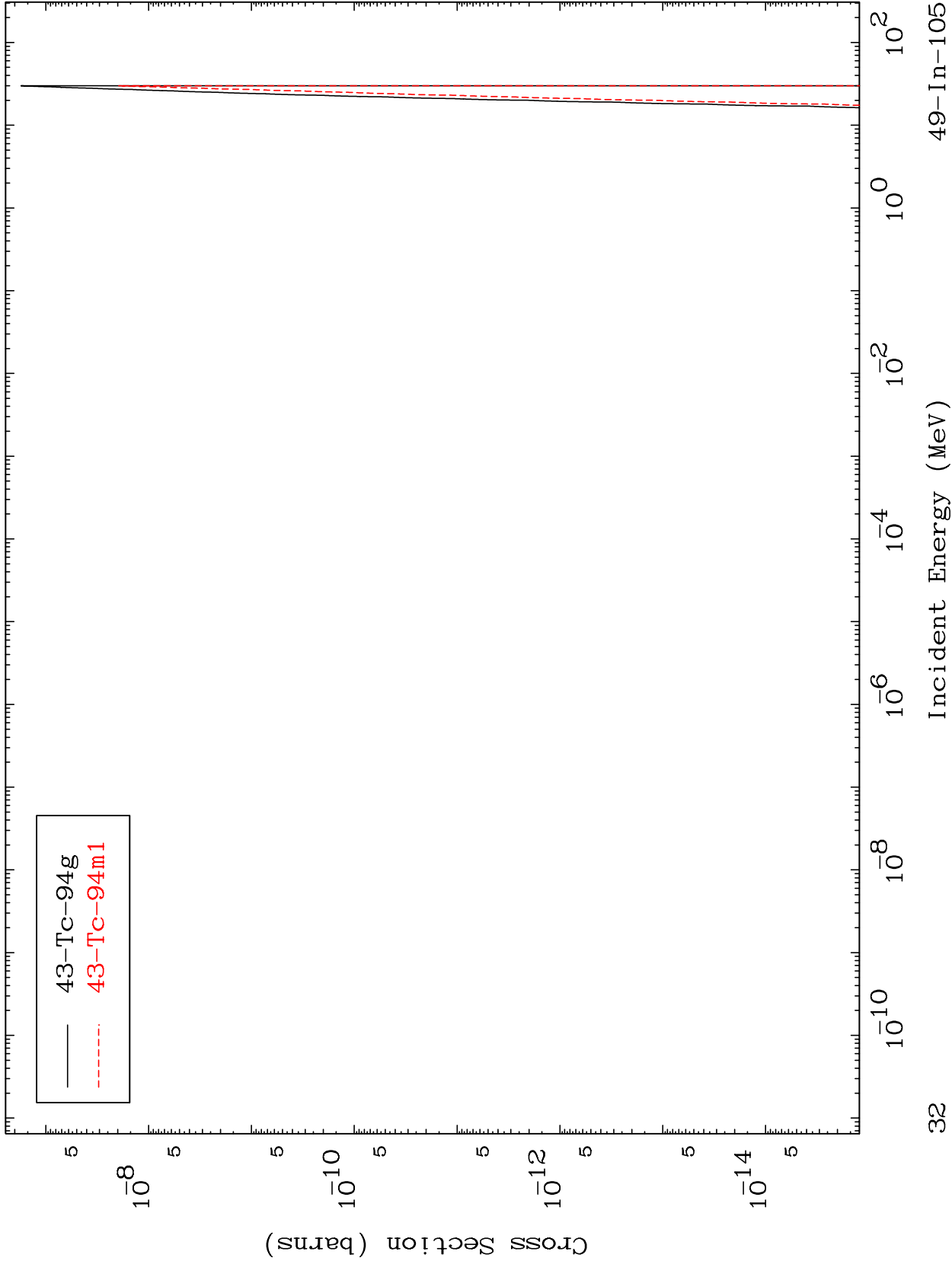


MAT 4902

(n,3 $\alpha$ )

49-In-105

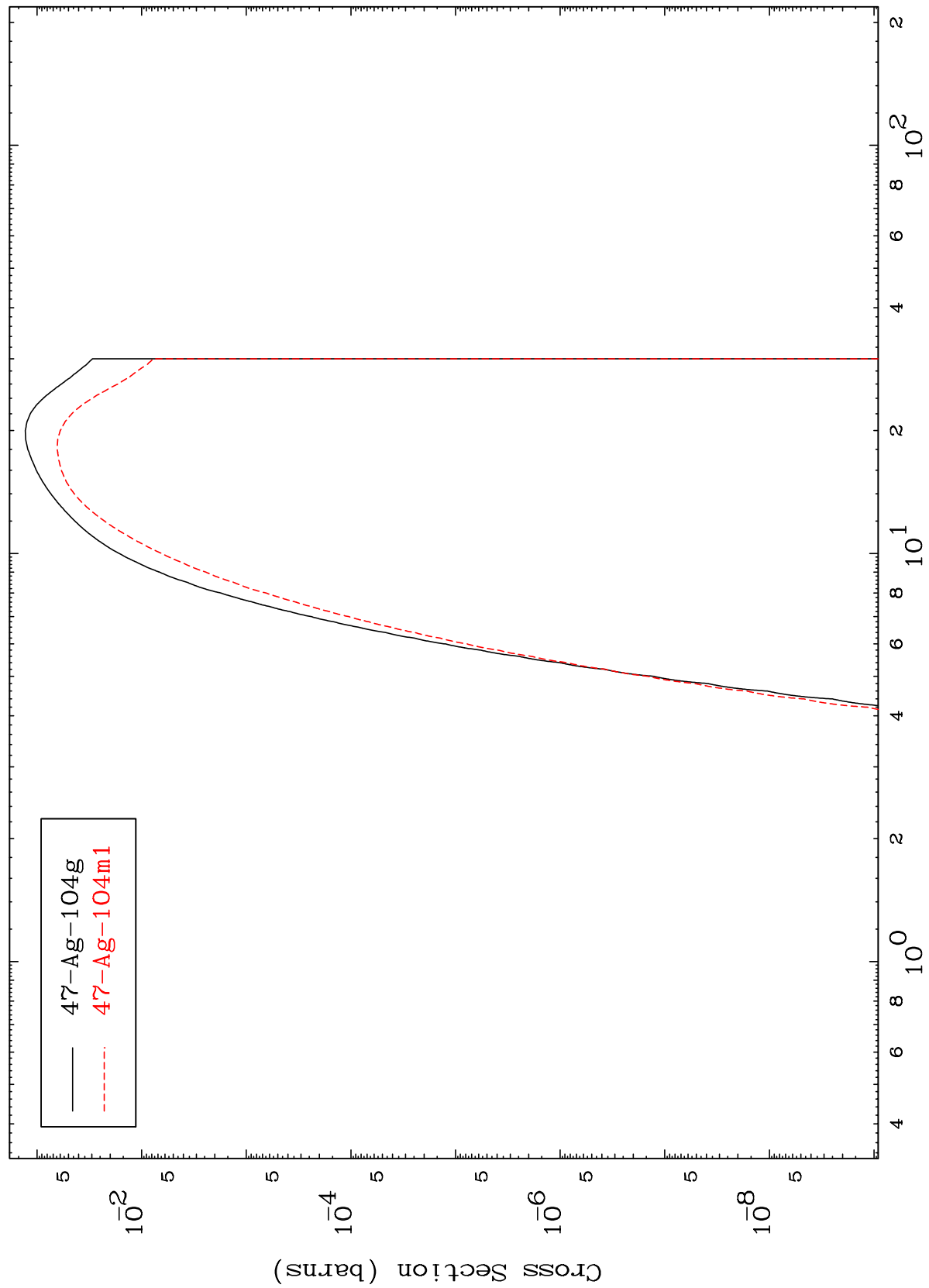
Radionuclide Production Cross Section



MAT 4902

49-In-105

(n,2p)  
Radionuclide Production Cross Section



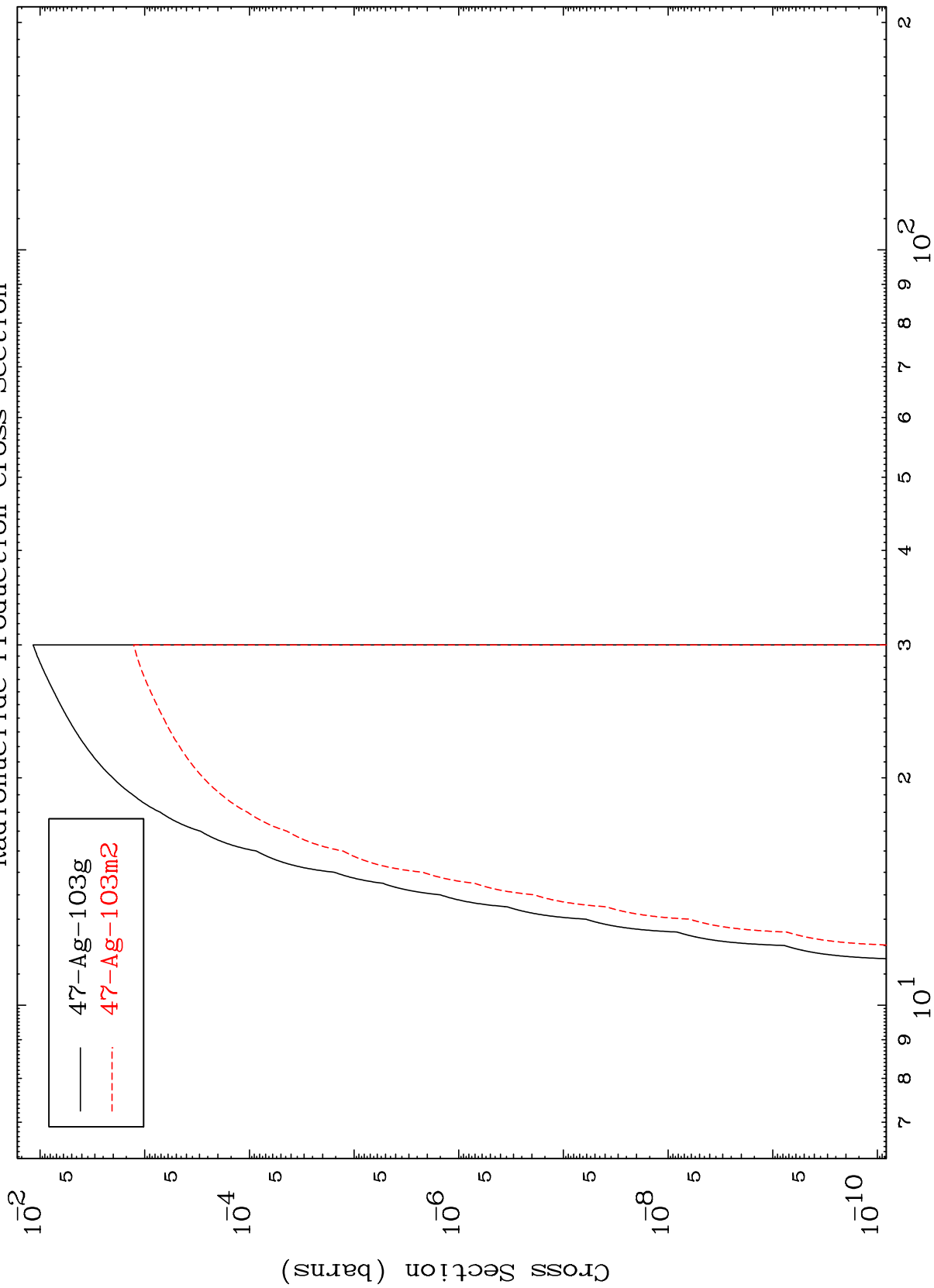
— 47-Ag-104g  
- - - 47-Ag-104m1

MAT 4902

(n,p) d

49-In-105

Radionuclide Production Cross Section



34

Incident Energy (MeV)

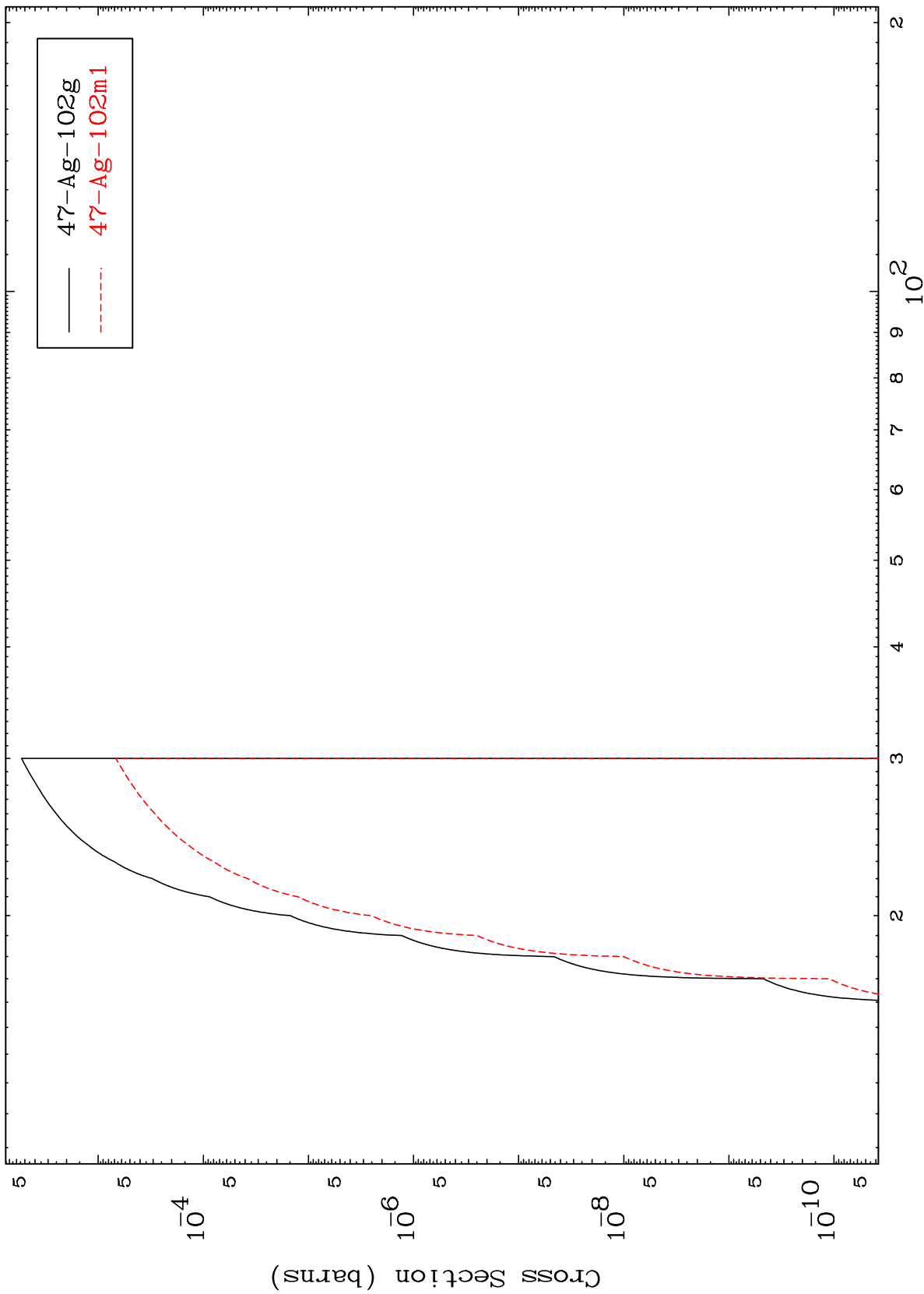
49-In-105

MAT 4902

(n,p) t

49-In-105

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-105