

Program EVALPLOT
(Version 2018-1)

by

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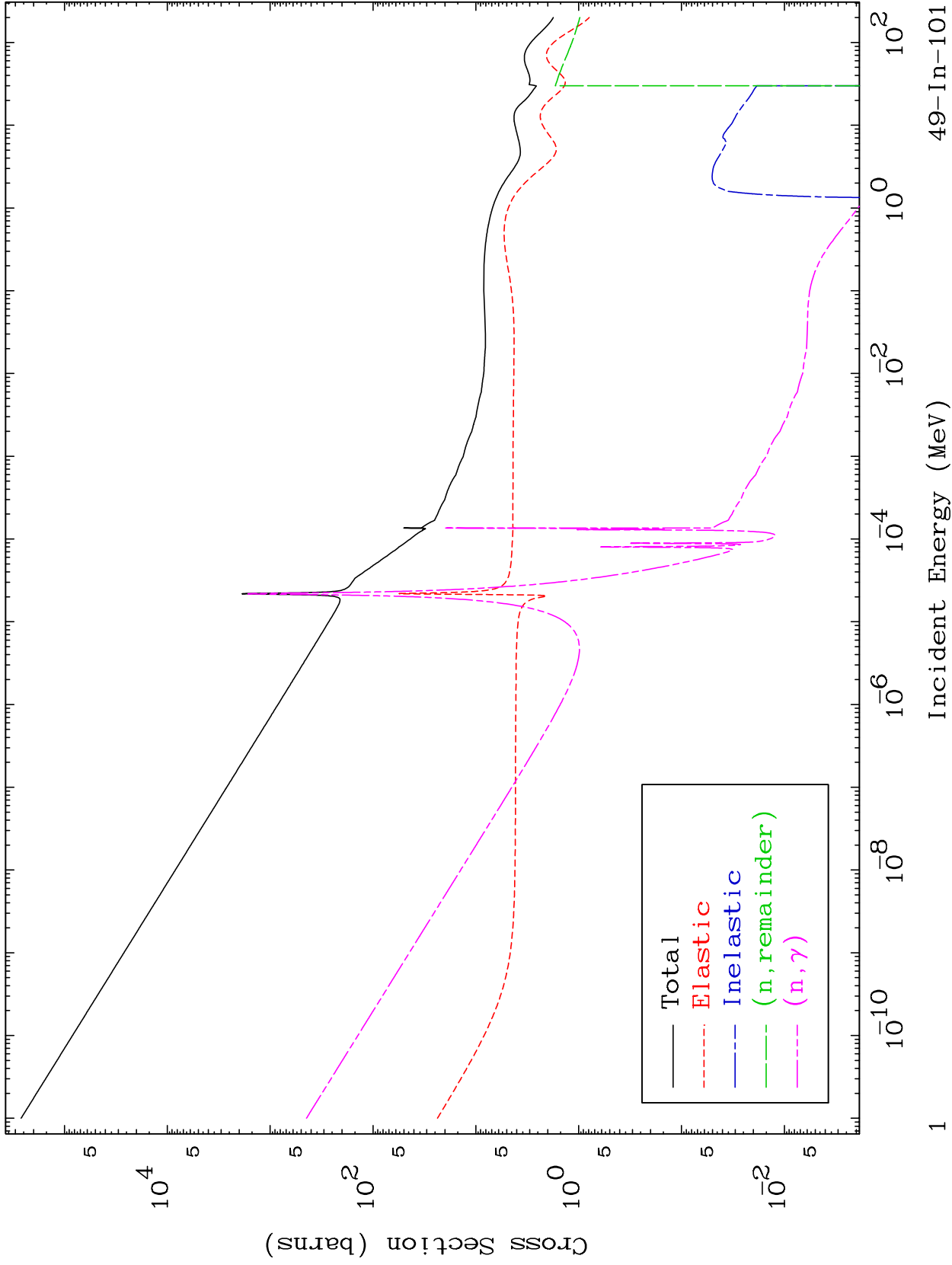
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4889

Major
293 Kelvin Cross Sections

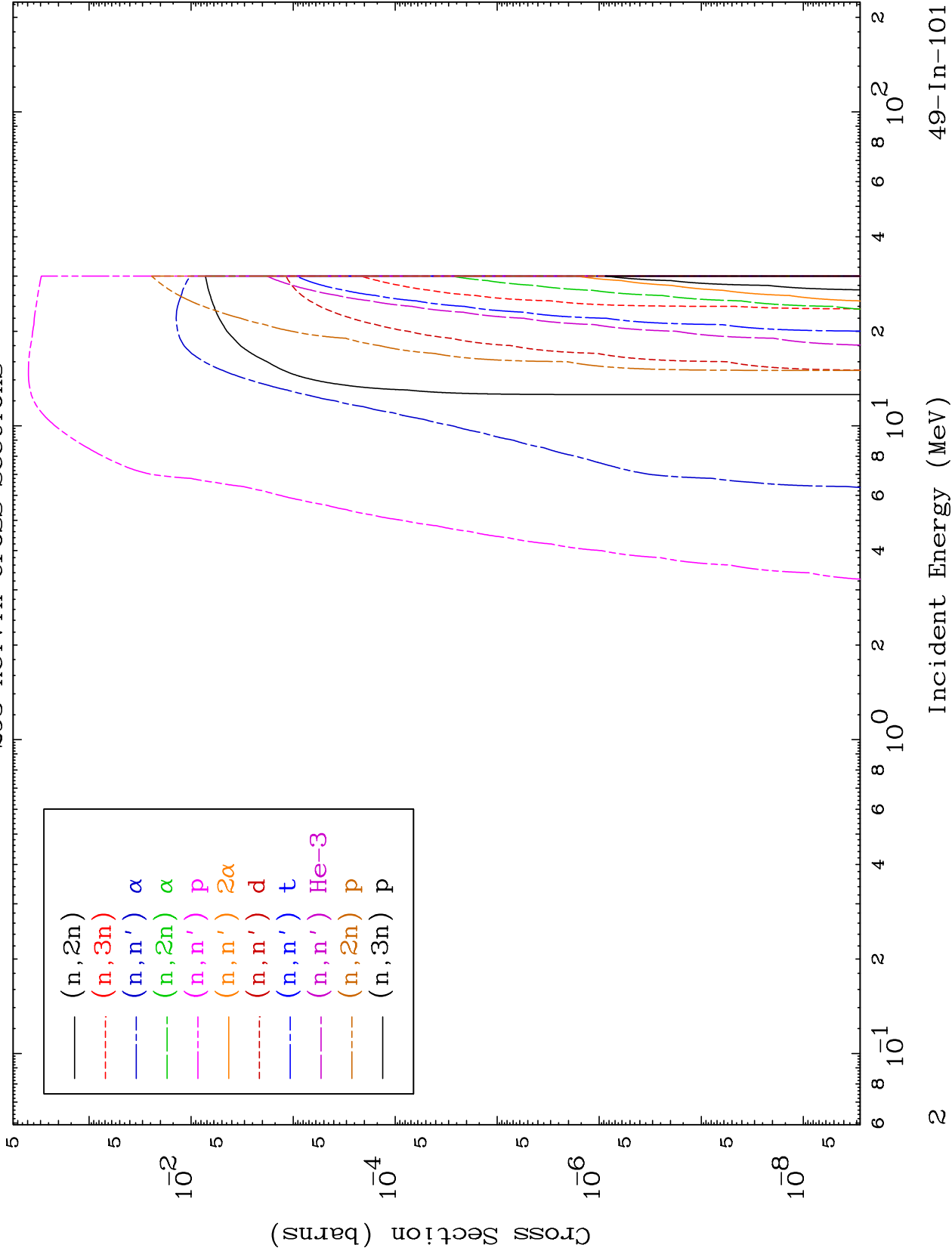
49-In-101



MAT 4889

Neutron Production
293 Kelvin Cross Sections

49-In-101



49-In-101

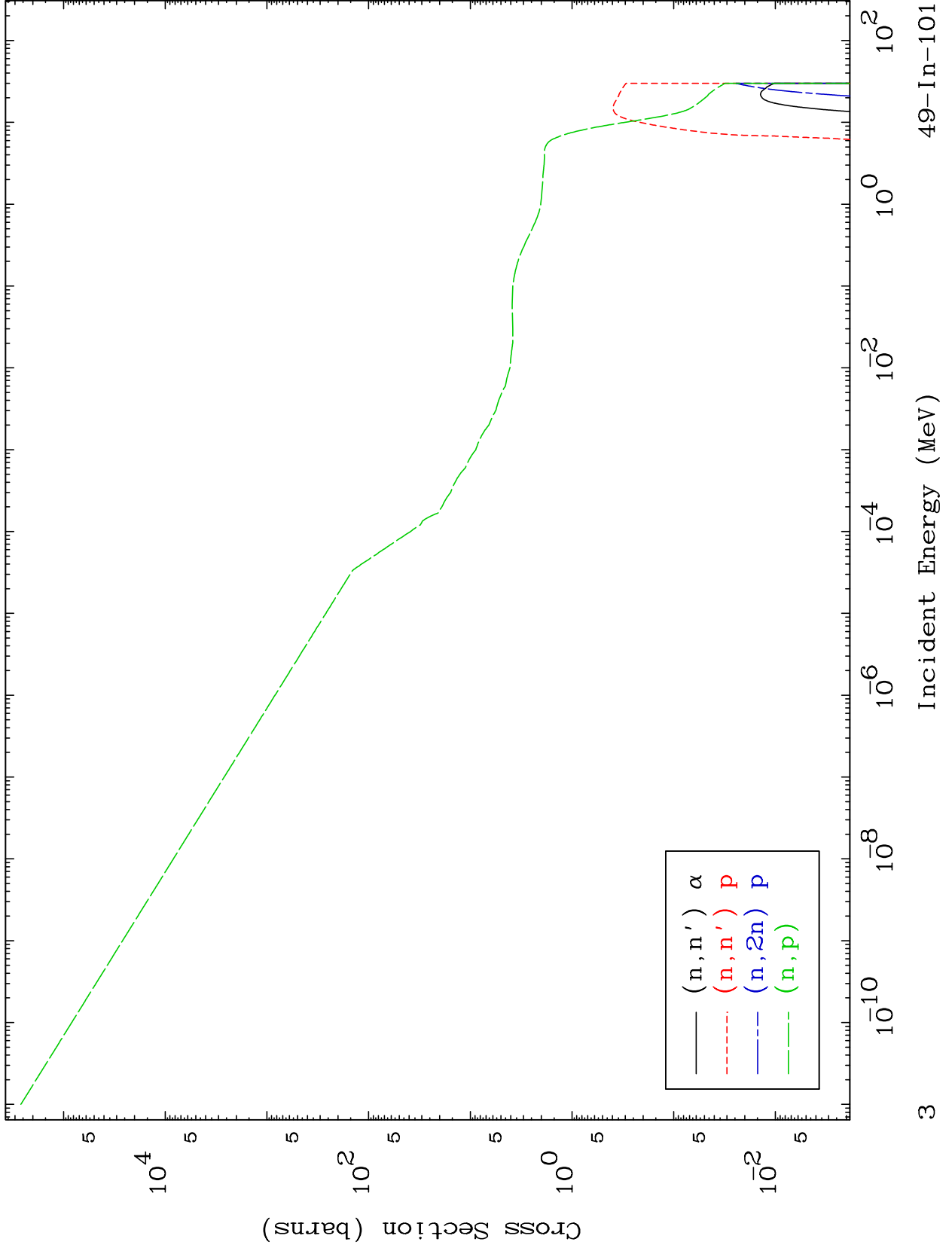
Incident Energy (MeV)

2

MAT 4889

Charged Particle
293 Kelvin Cross Sections

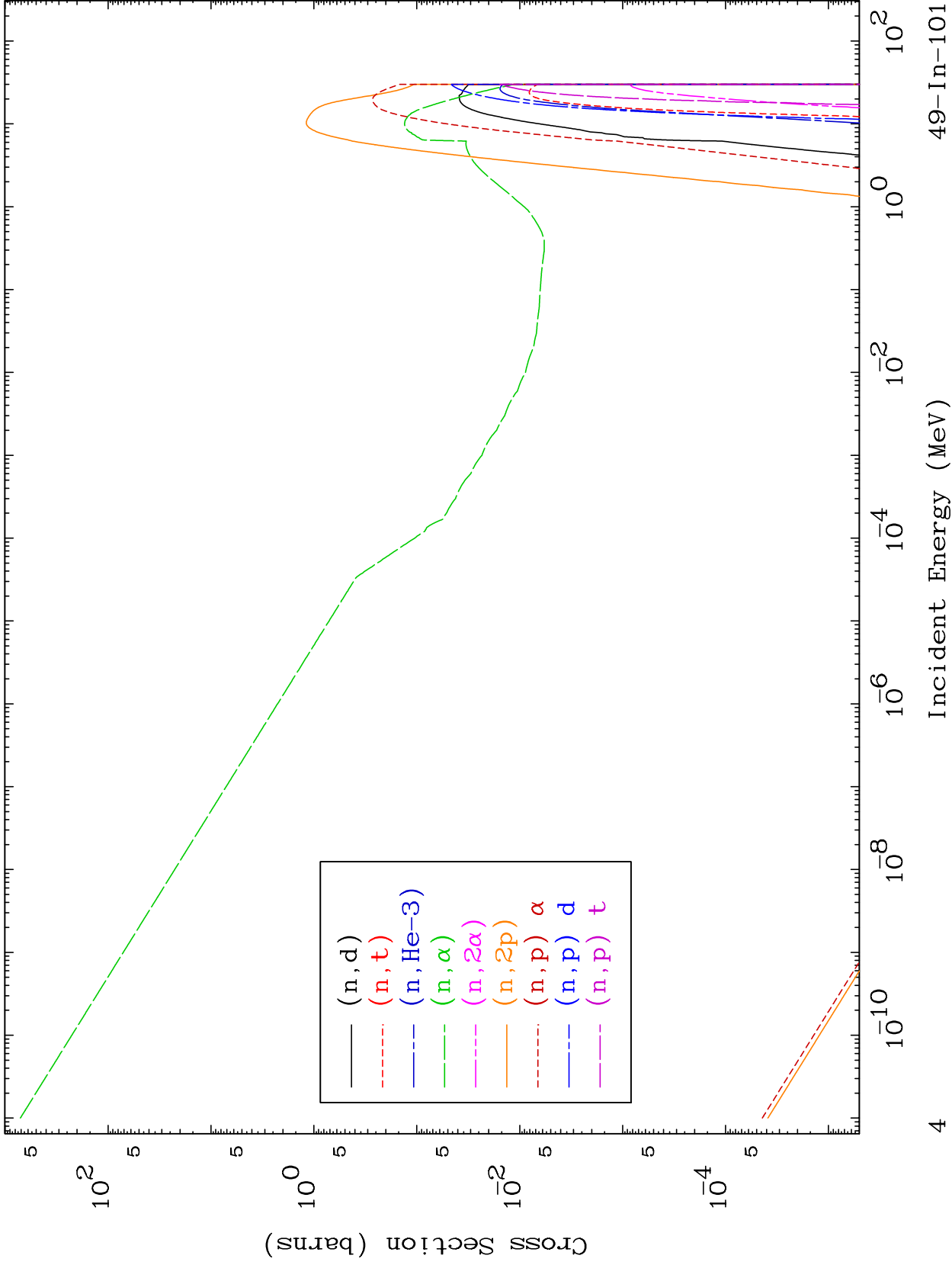
49-In-101

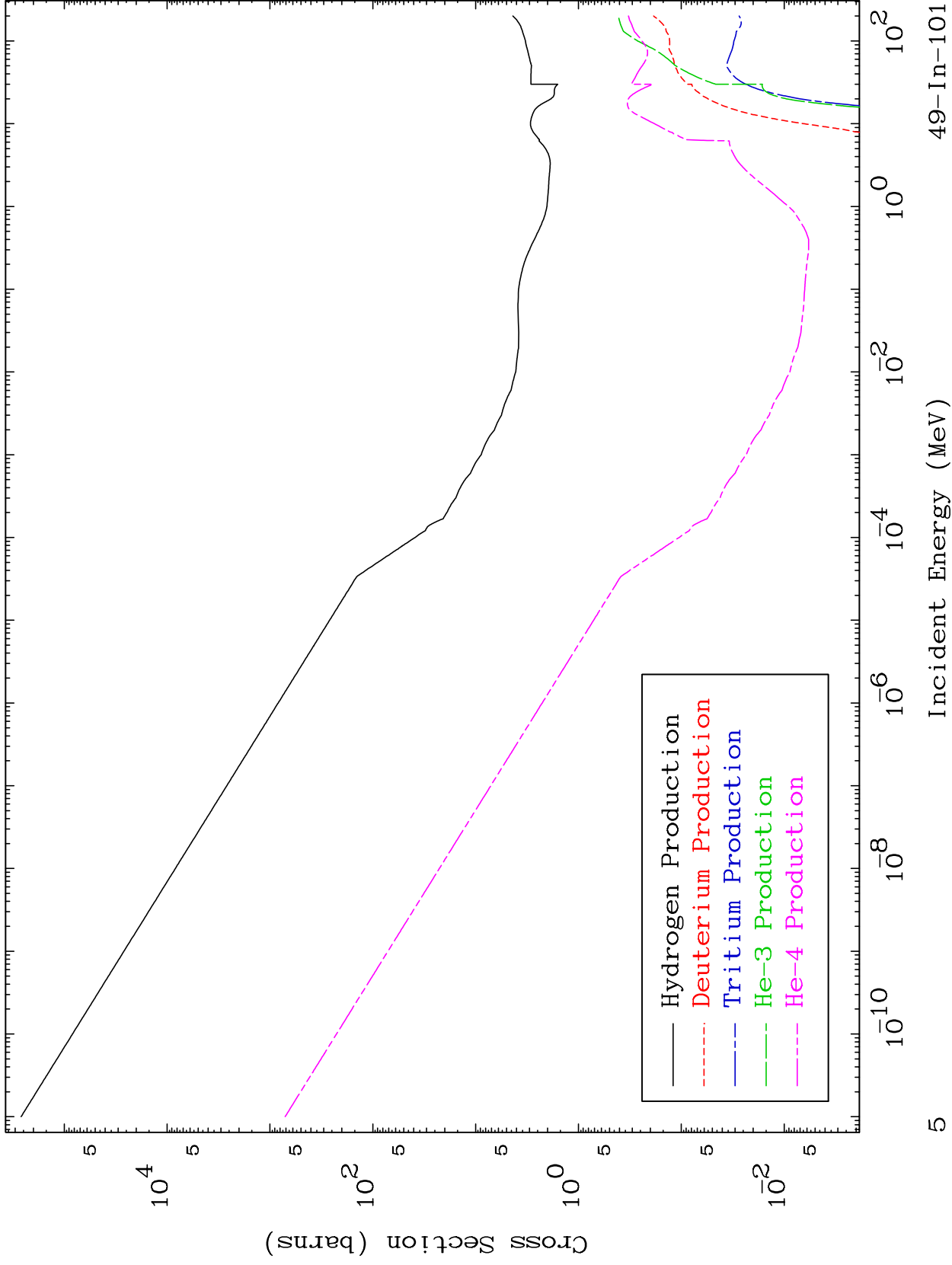


MAT 4889

Charged Particle
293 Kelvin Cross Sections

49-In-101



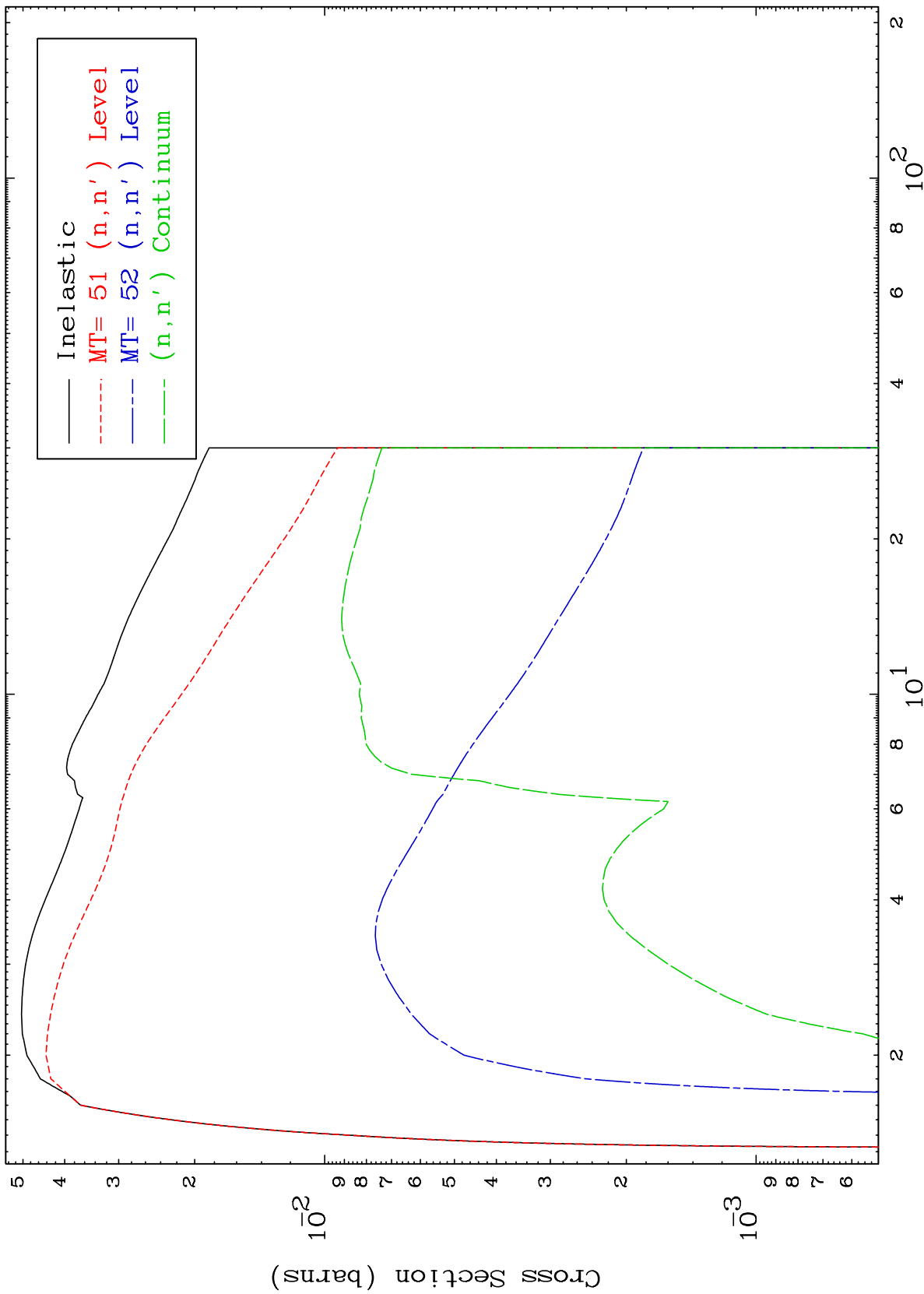


MAT 4889

(n,n') Level

49-In-101

293 Kelvin Cross Sections



6

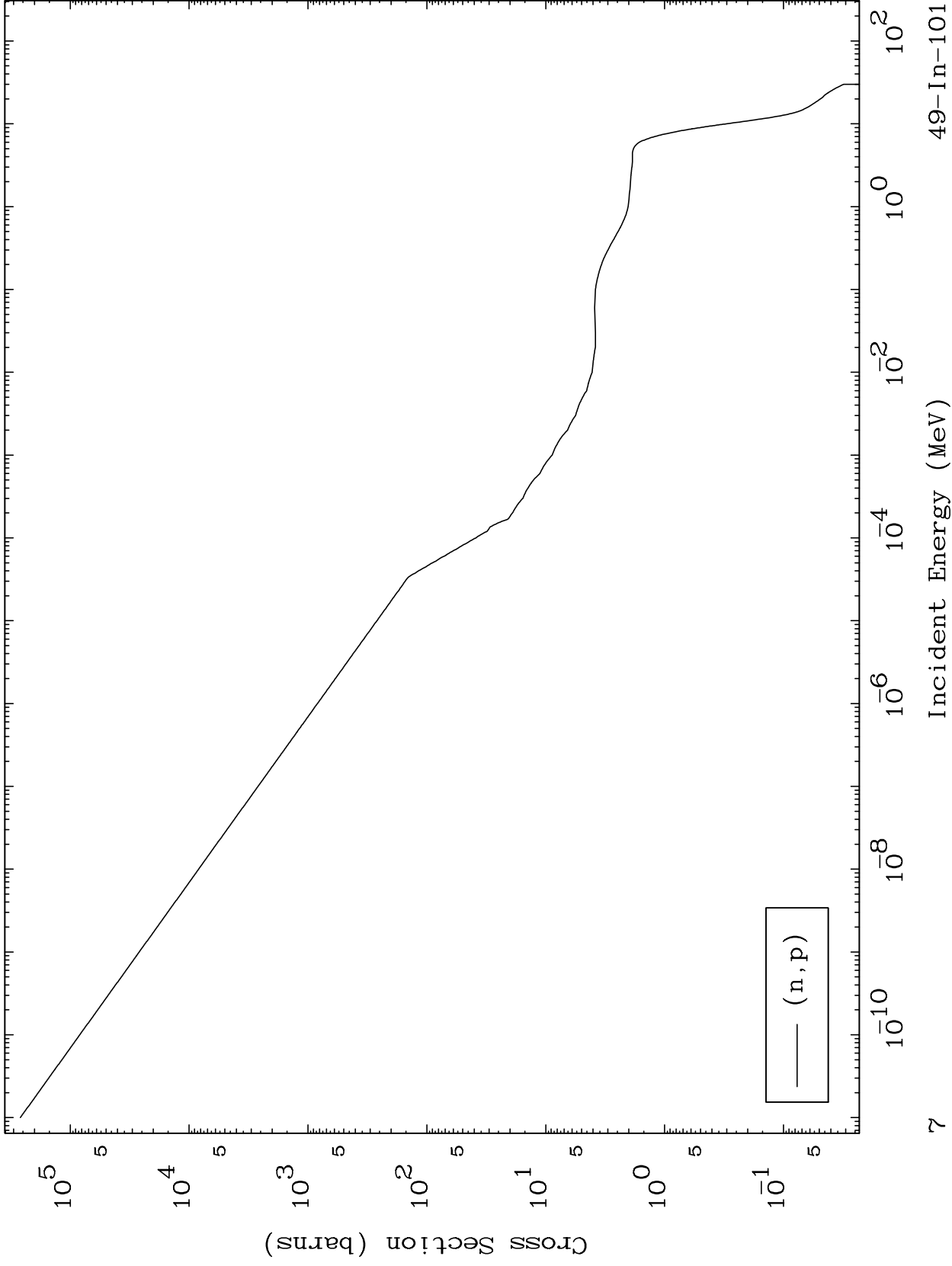
Incident Energy (MeV)

49-In-101

MAT 4889

(n,p) Levels
293 Kelvin Cross Sections

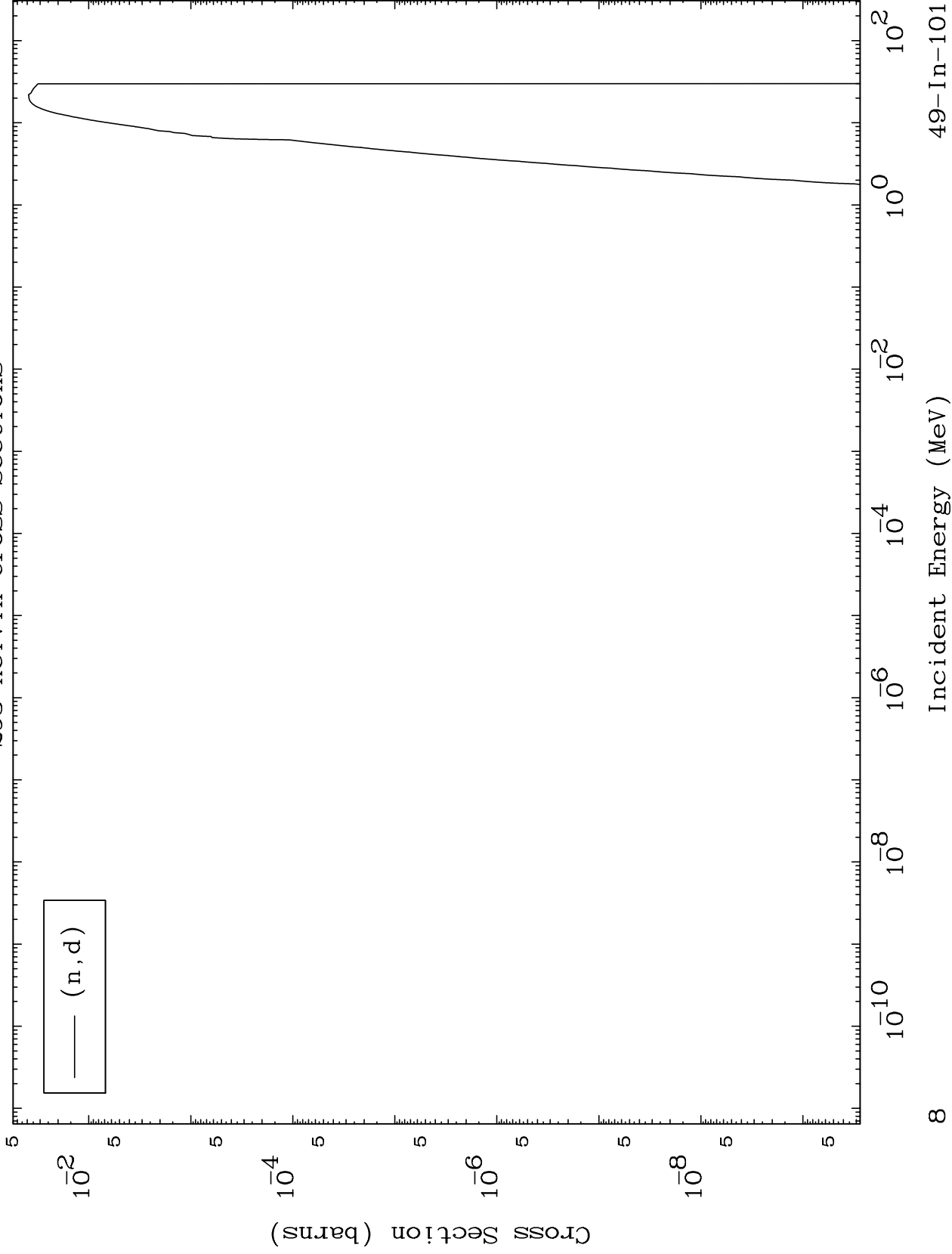
49-In-101



MAT 4889

(n,d) Levels
293 Kelvin Cross Sections

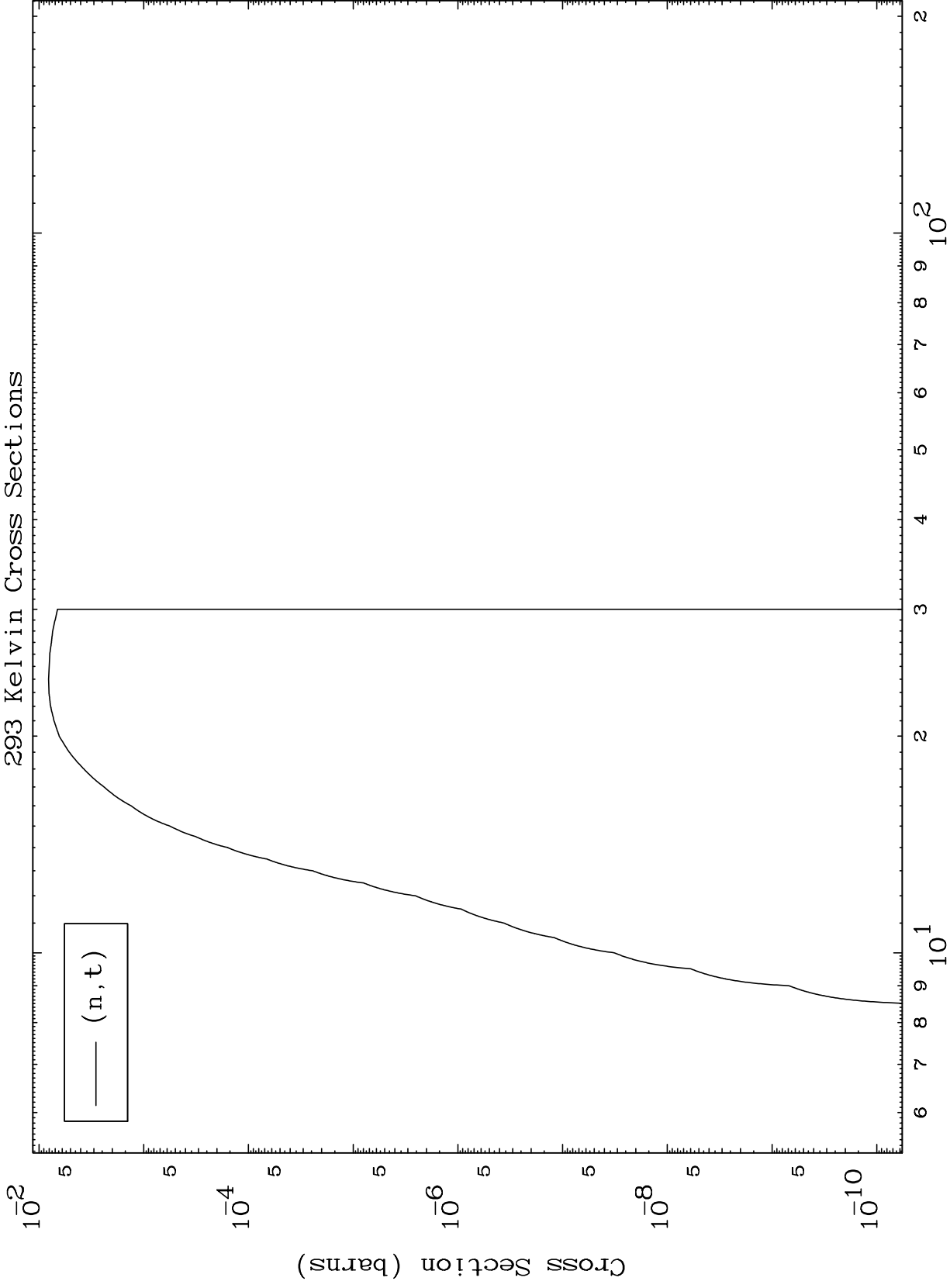
49-In-101



MAT 4889

(n,t) Levels
293 Kelvin Cross Sections

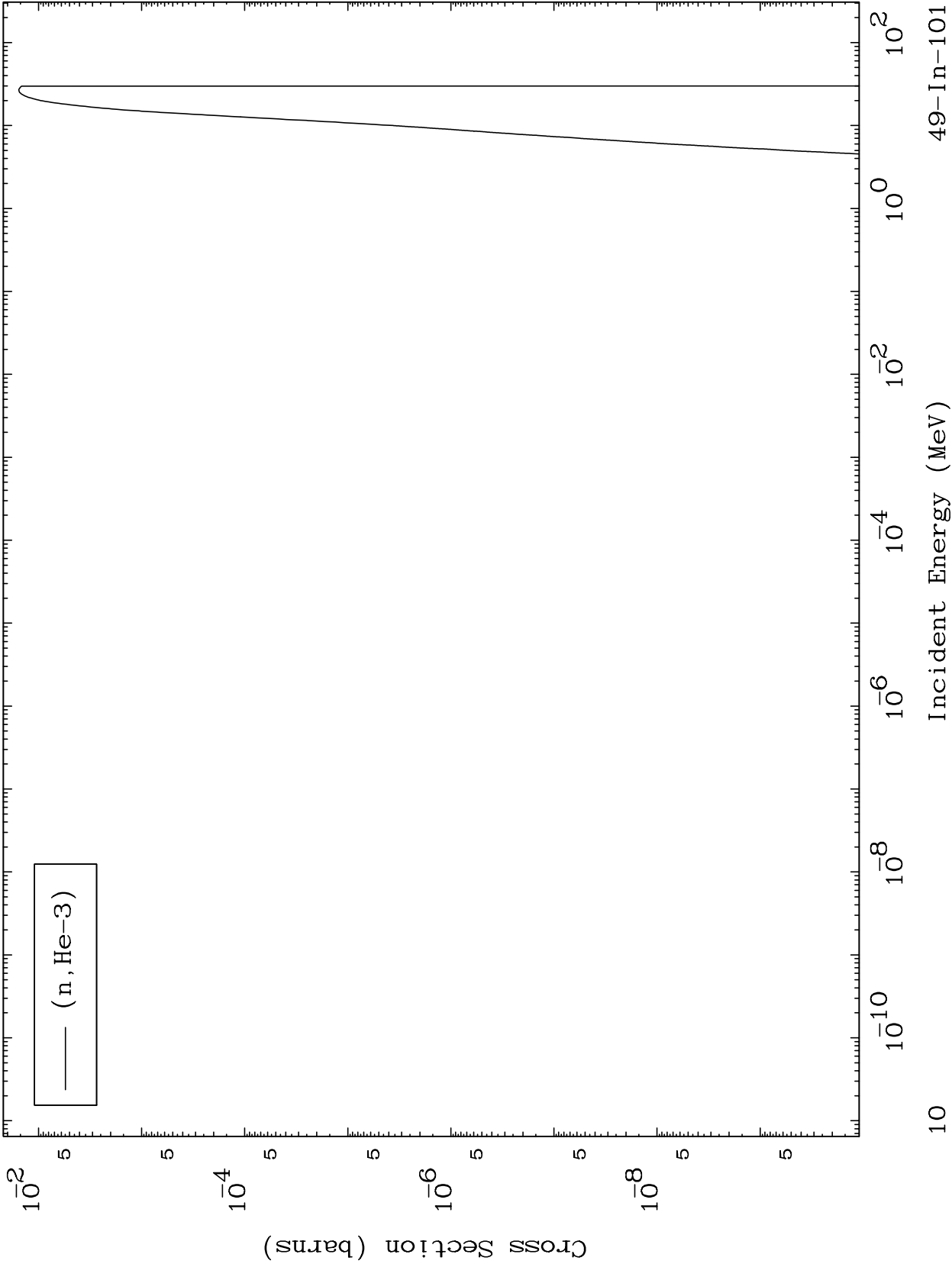
49-In-101



MAT 4889

(n,He3) Levels
293 Kelvin Cross Sections

49-In-101



10

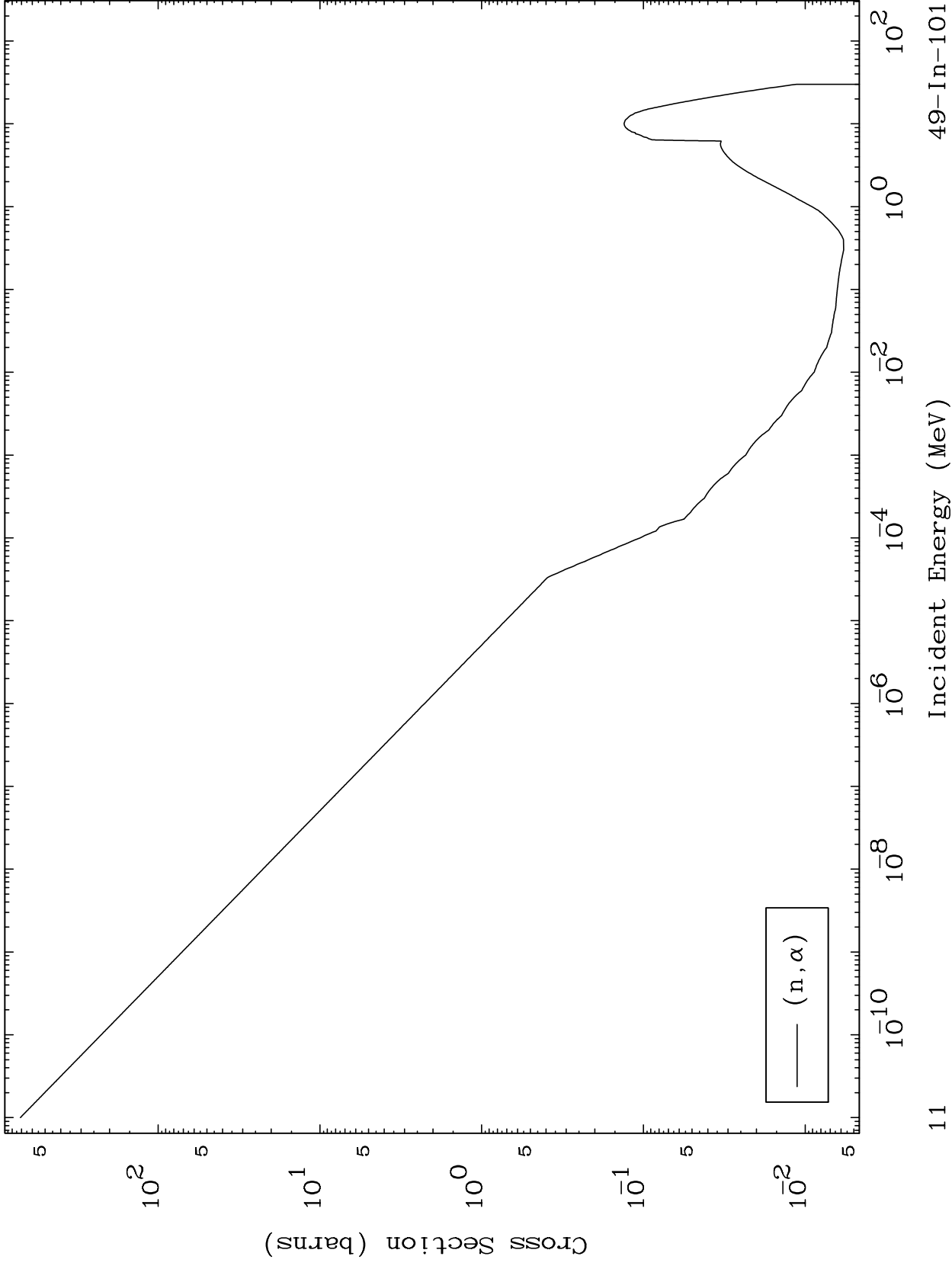
Incident Energy (MeV)

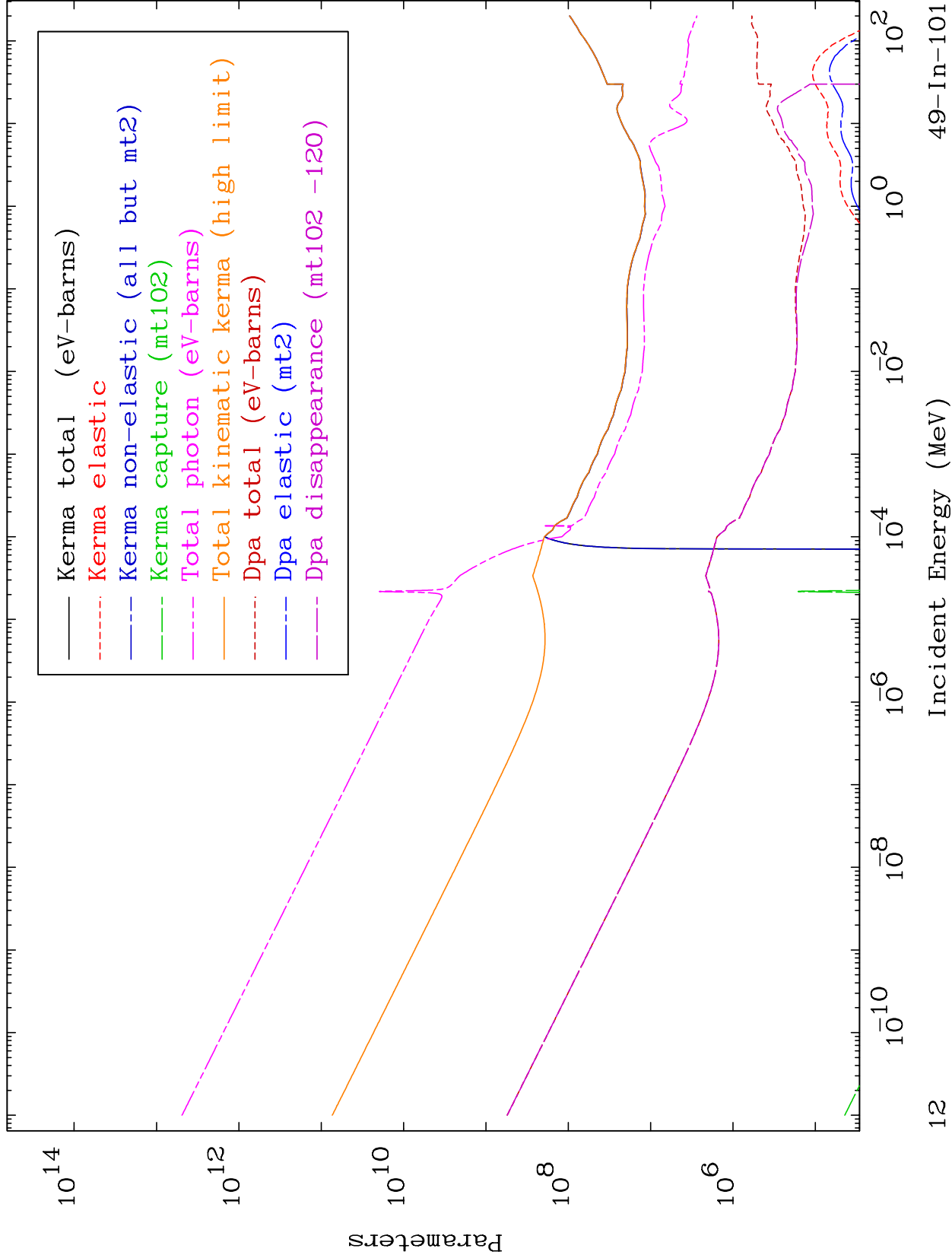
49-In-101

MAT 4889

(n,α) Levels
293 Kelvin Cross Sections

49-In-101

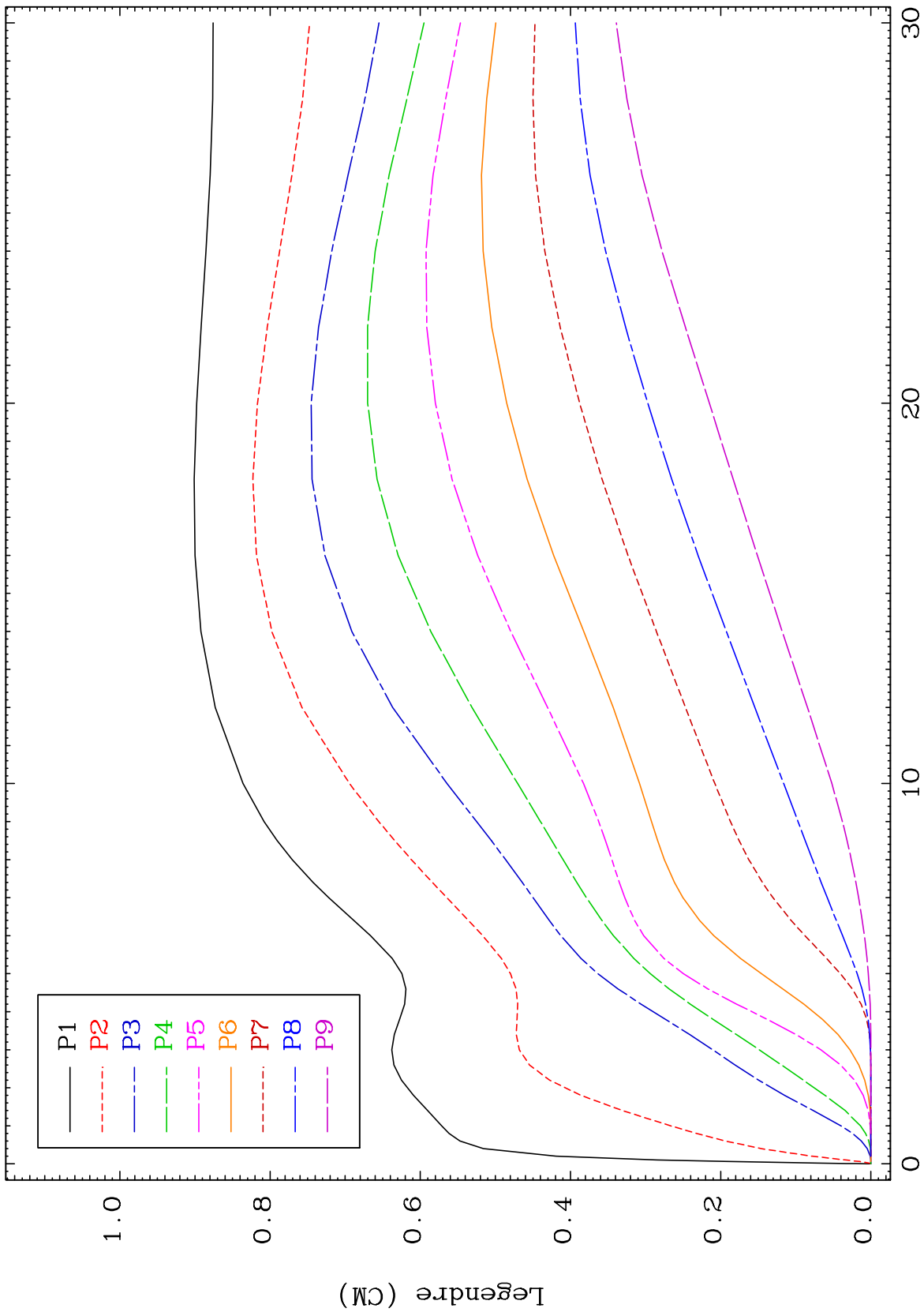




MAT 4889

Elastic Legendre Coefficients

49-In-101



13

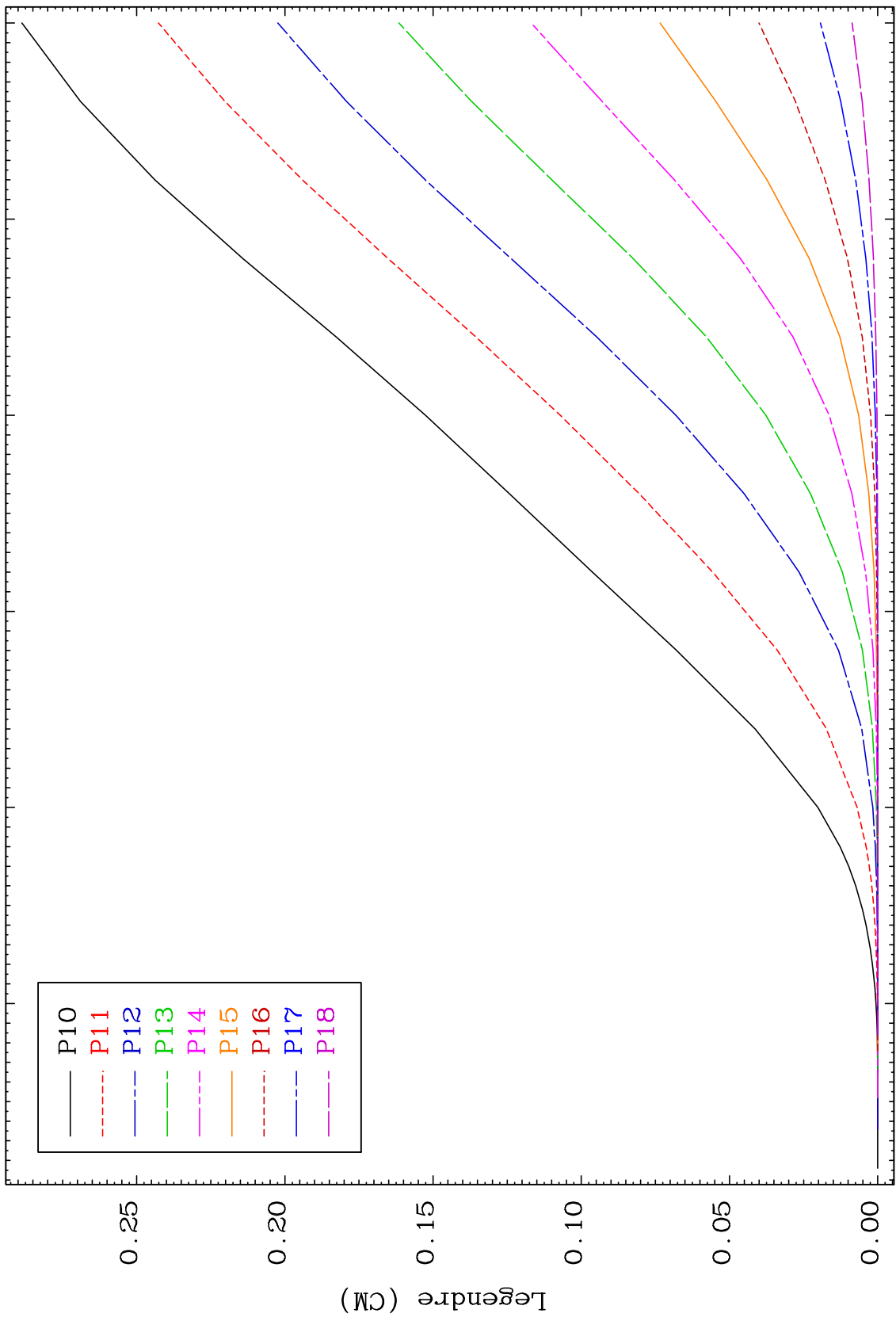
Incident Energy (MeV)

49-In-101

MAT 4889

Elastic Legendre Coefficients

49-In-101



14

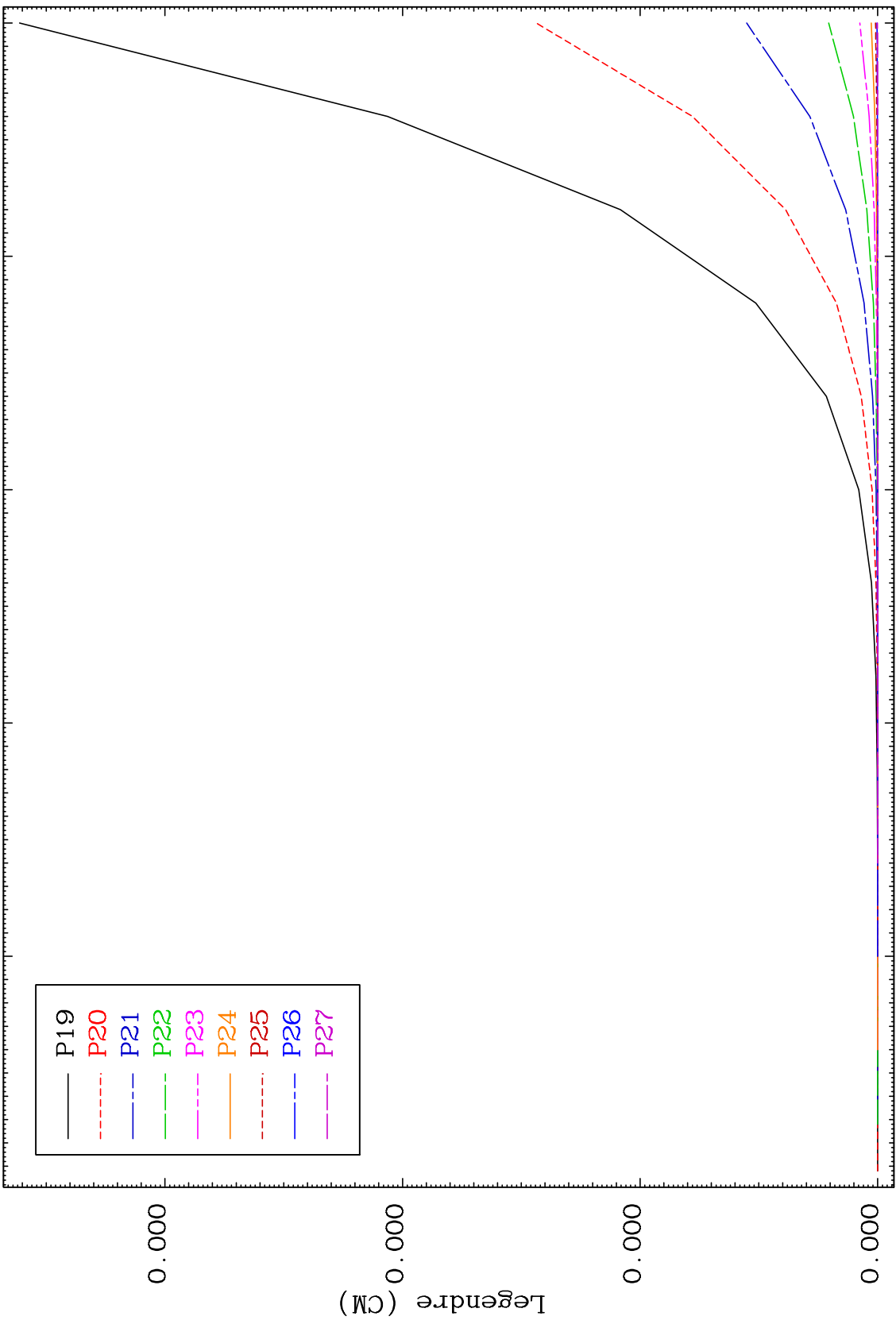
49-In-101

Incident Energy (MeV)

MAT 4889

Elastic Legendre Coefficients

49-In-101



15

Incident Energy (MeV)

49-In-101

MAT 4889

Elastic Legendre Coefficients

49-In-101

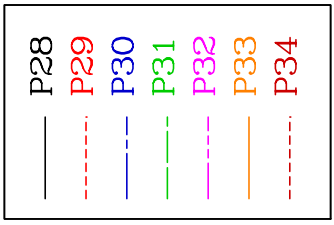
$\times 10^{-7}$
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

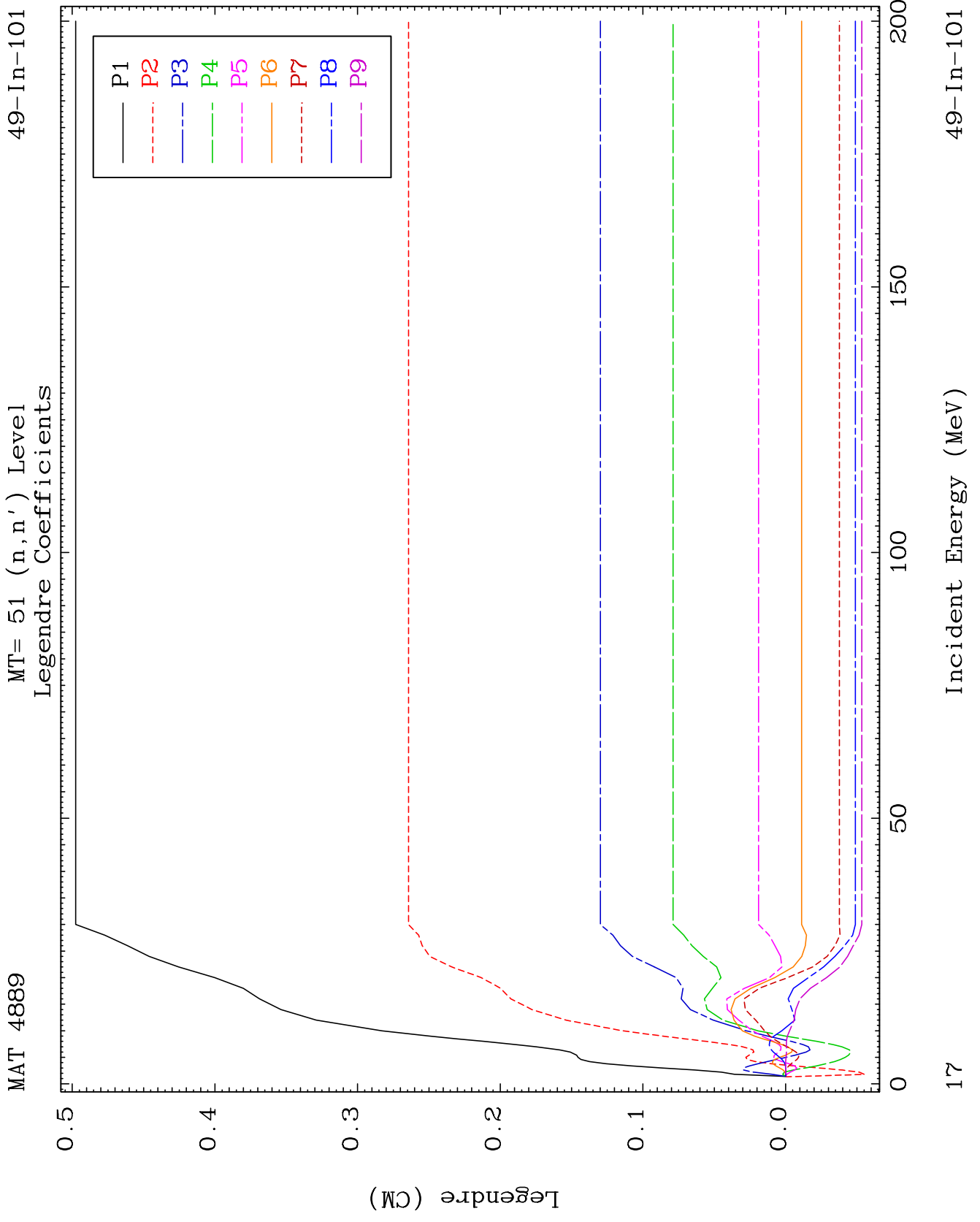
25

30

16

Incident Energy (MeV)

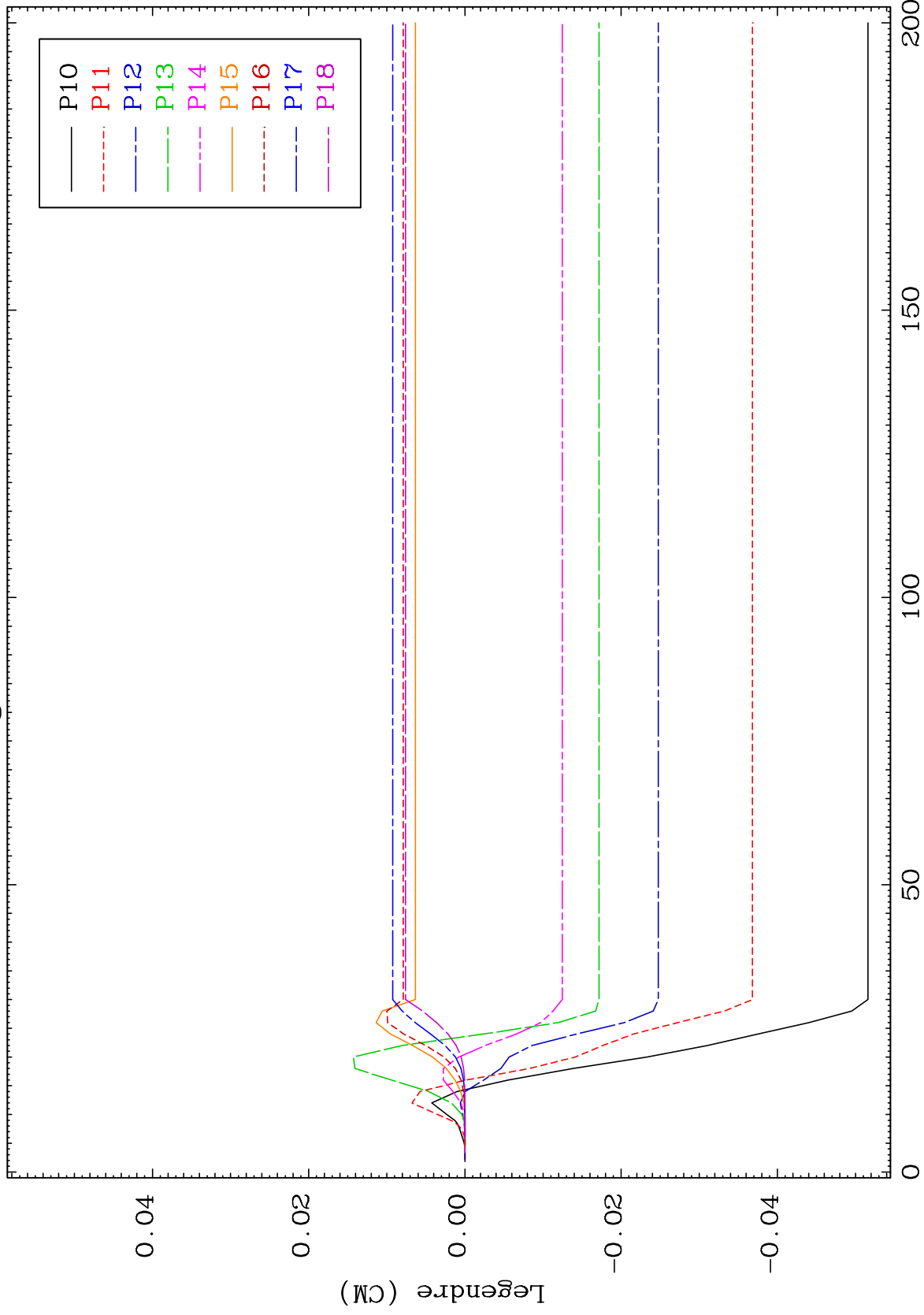
49-In-101



MAT 4889

MT= 51 (n,n') Level
Legendre Coefficients

49-In-101



18

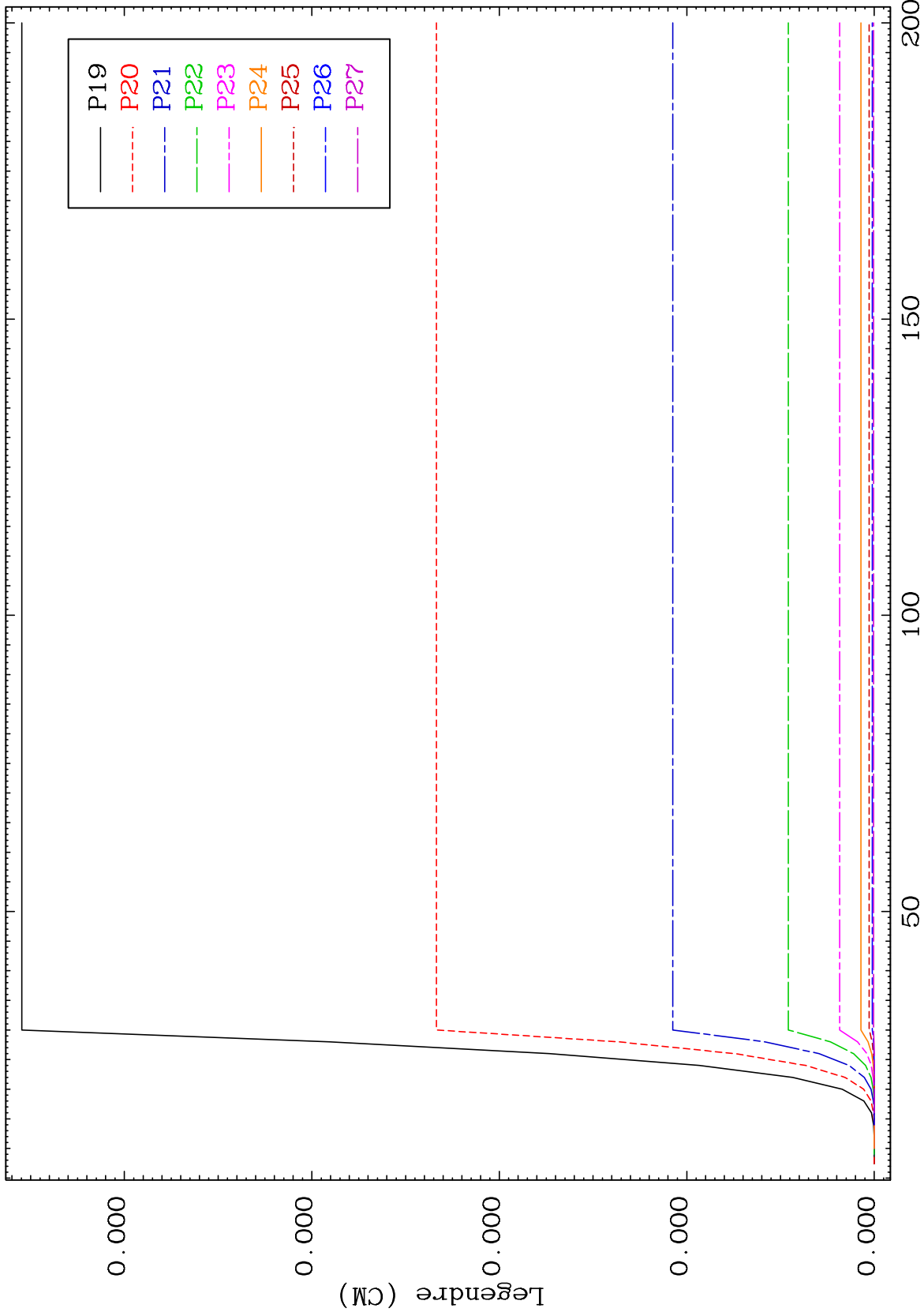
Incident Energy (MeV)

49-In-101

MAT 4889

MT= 51 (n,n') Level
Legendre Coefficients

49-In-101



19

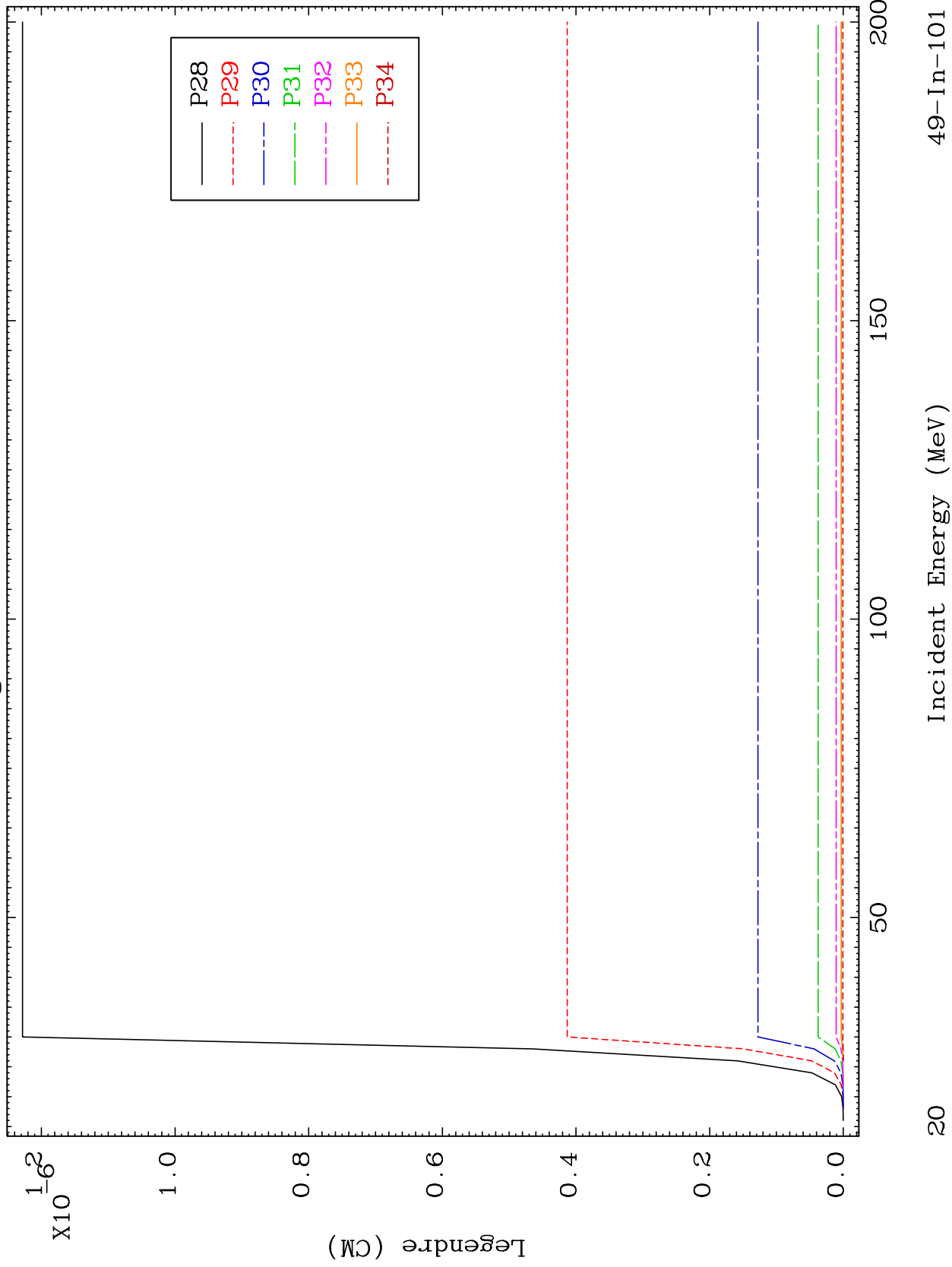
Incident Energy (MeV)

49-In-101

MAT 4889

MT= 51 (n,n') Level
Legendre Coefficients

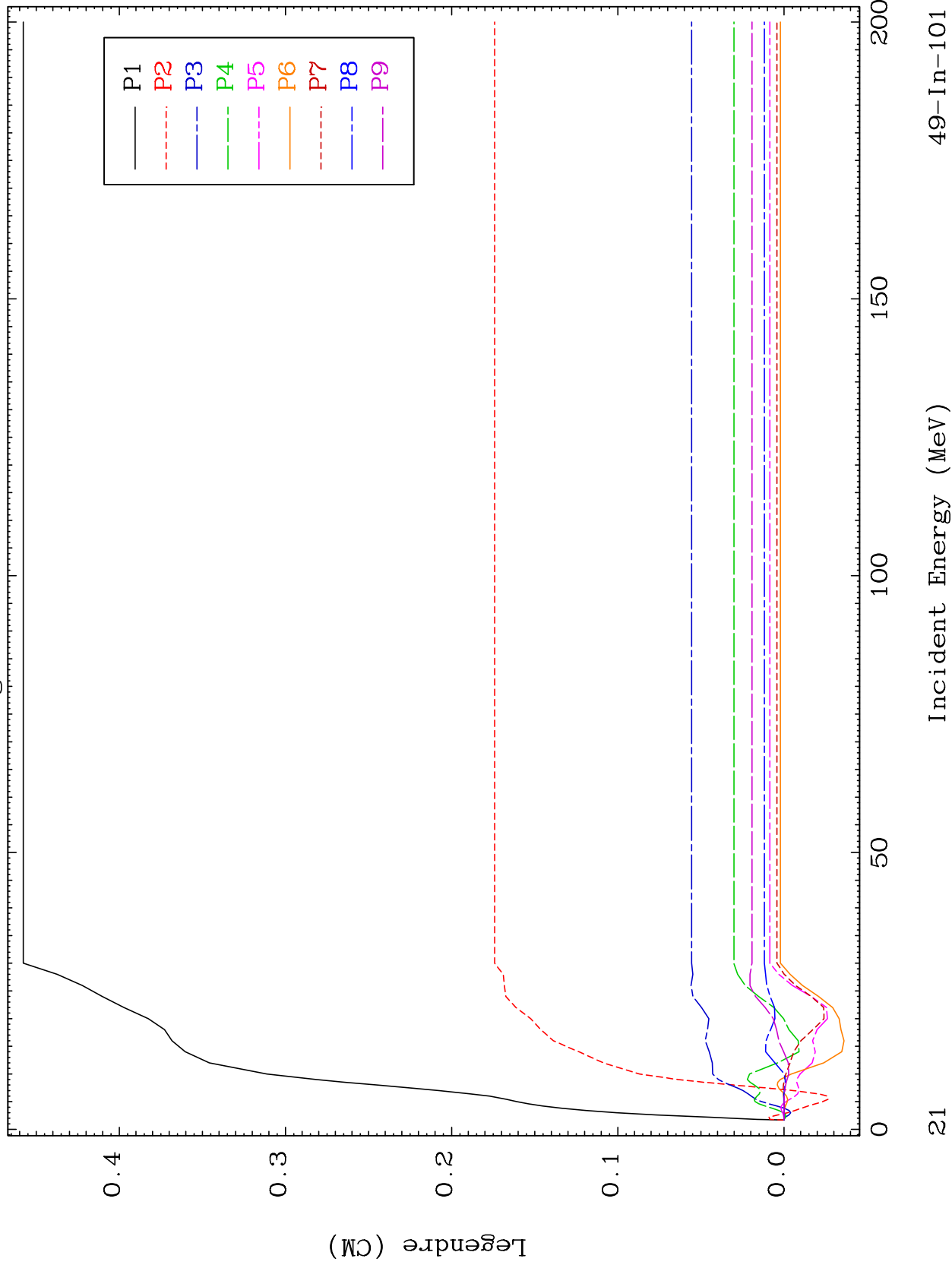
49-In-101



MAT 4889

MT= 52 (n,n') Level
Legendre Coefficients

49-In-101



49-In-101

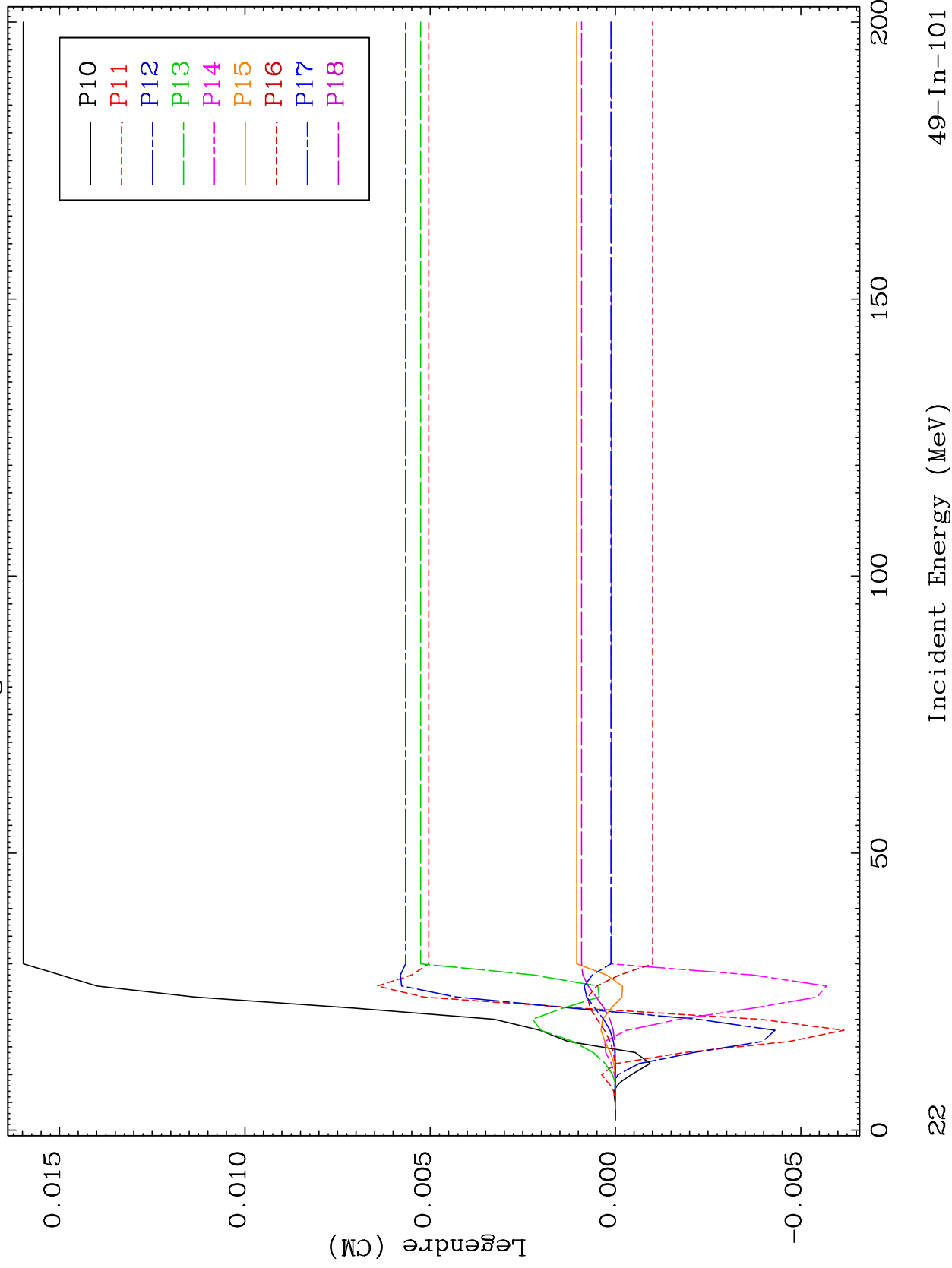
Incident Energy (MeV)

21

MAT 4889

MT= 52 (n,n') Level
Legendre Coefficients

49-In-101



22

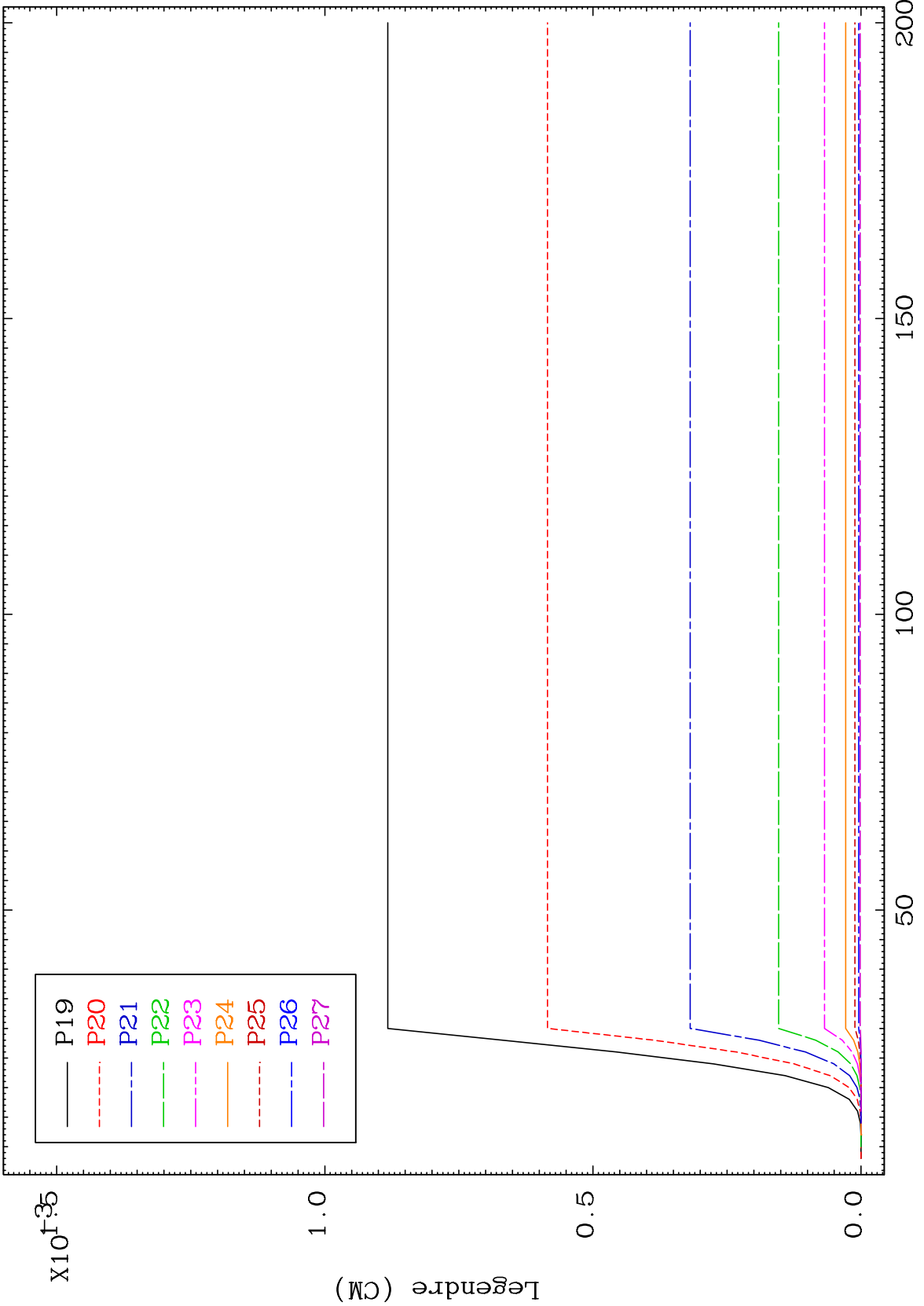
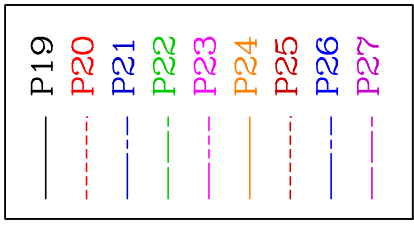
Incident Energy (MeV)

49-In-101

MAT 4889

MT= 52 (n,n') Level
Legendre Coefficients

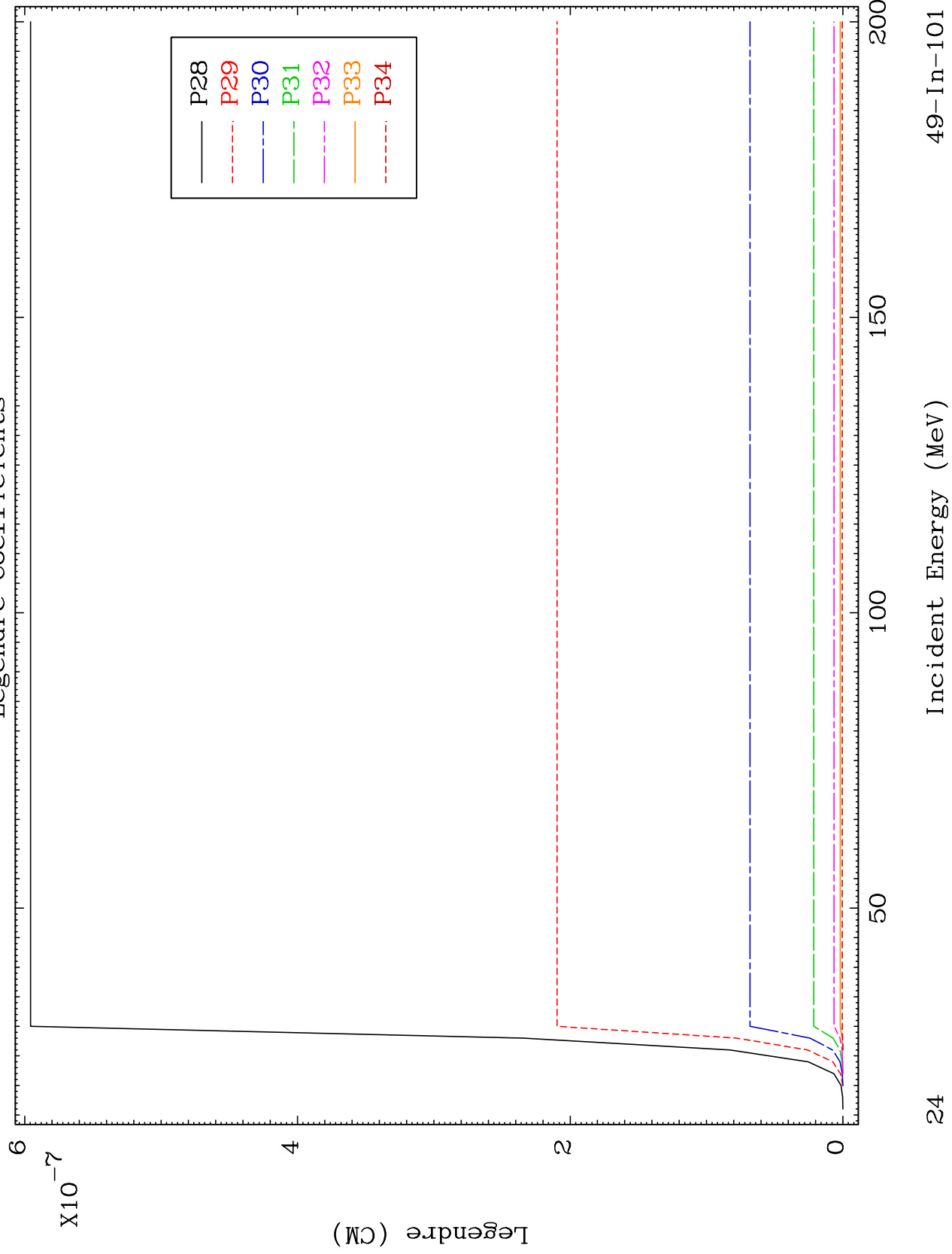
49-In-101



MAT 4889

MT= 52 (n,n') Level
Legendre Coefficients

49-In-101



24

Incident Energy (MeV)

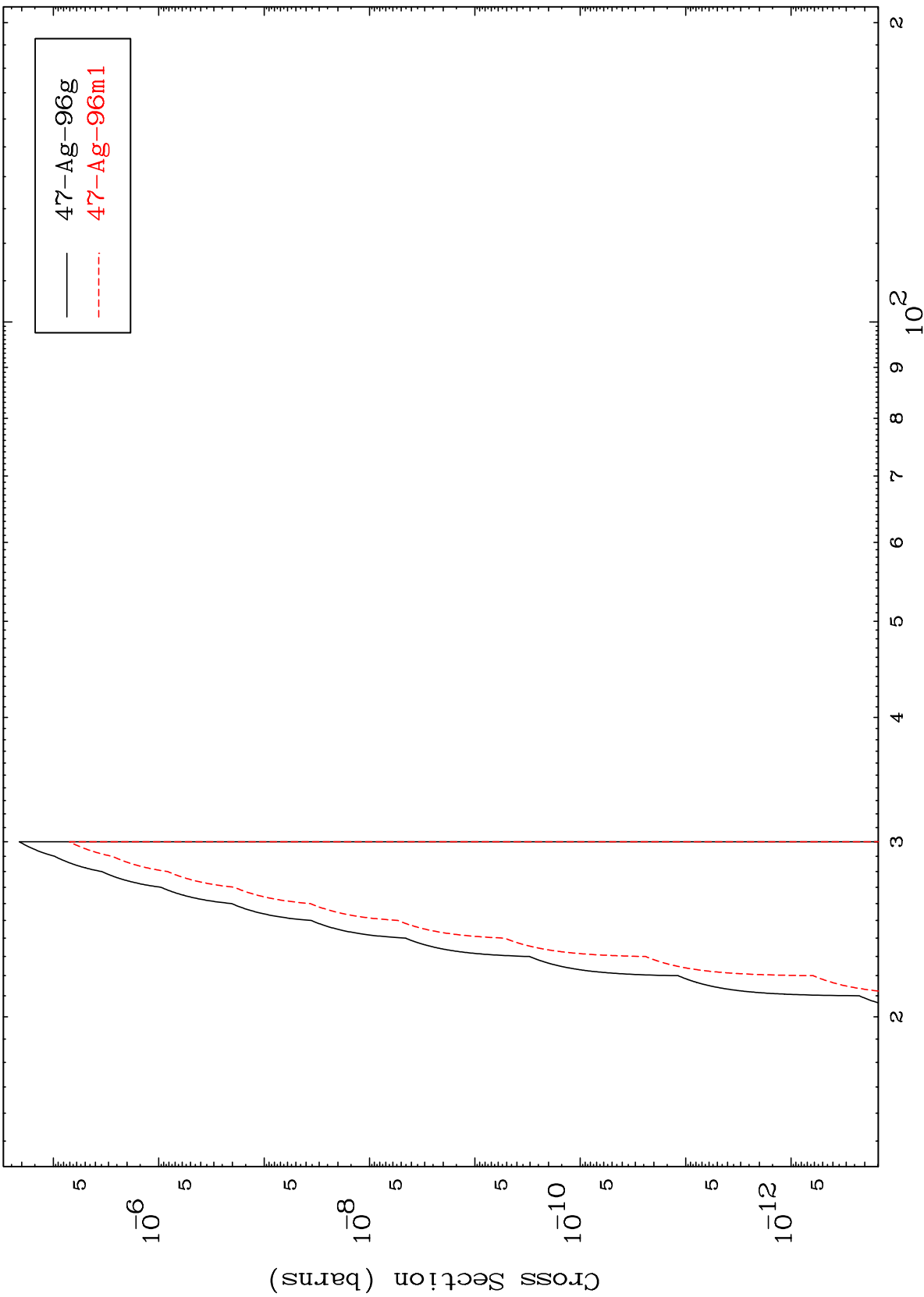
49-In-101

MAT 4889

(n,2n) α

49-In-101

Radionuclide Production Cross Section



25

Incident Energy (MeV)

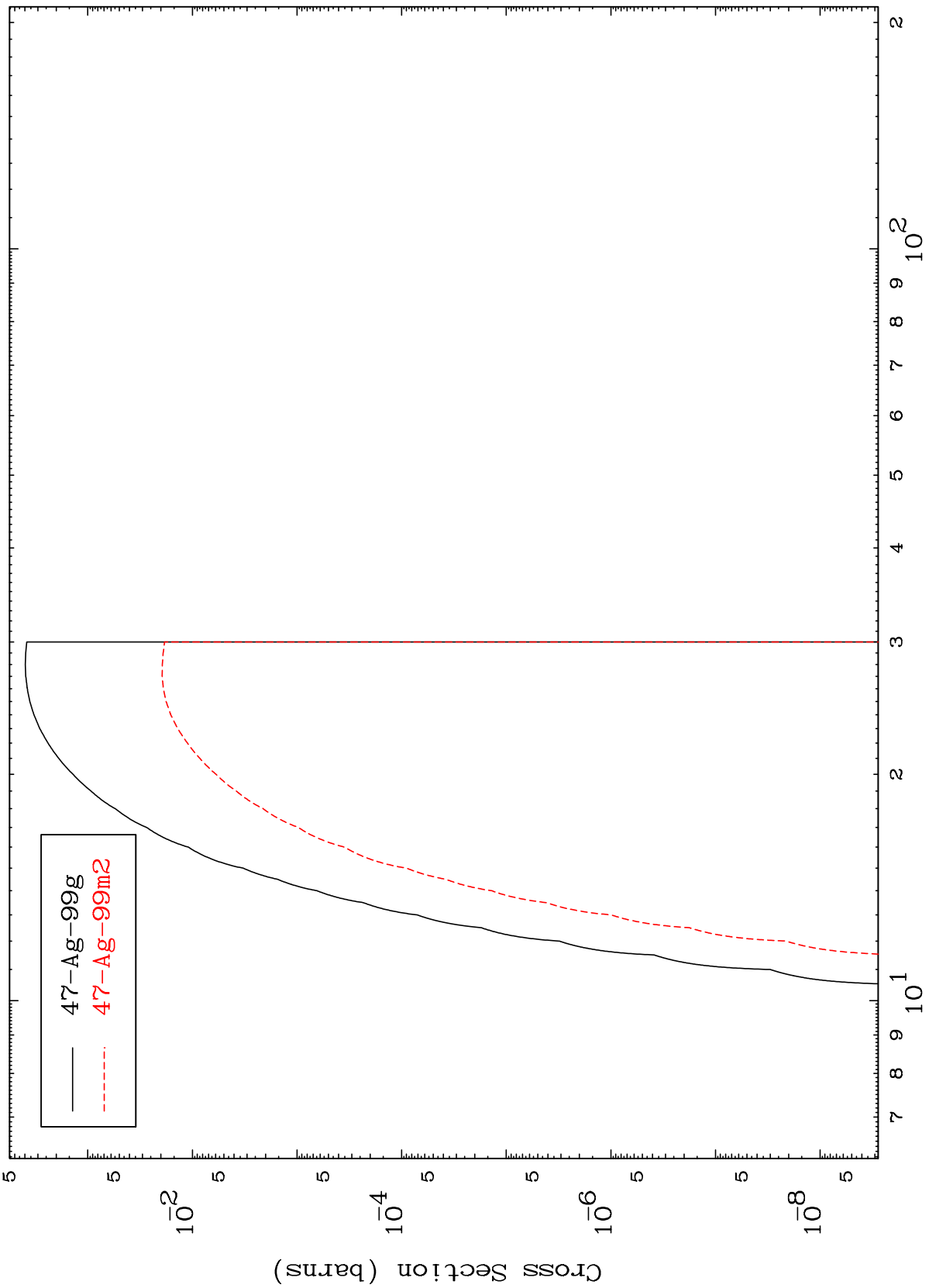
49-In-101

MAT 4889

(n,2n) p

49-In-101

Radionuclide Production Cross Section



— 47-Ag-99g
- - - 47-Ag-99m2

26

Incident Energy (MeV)

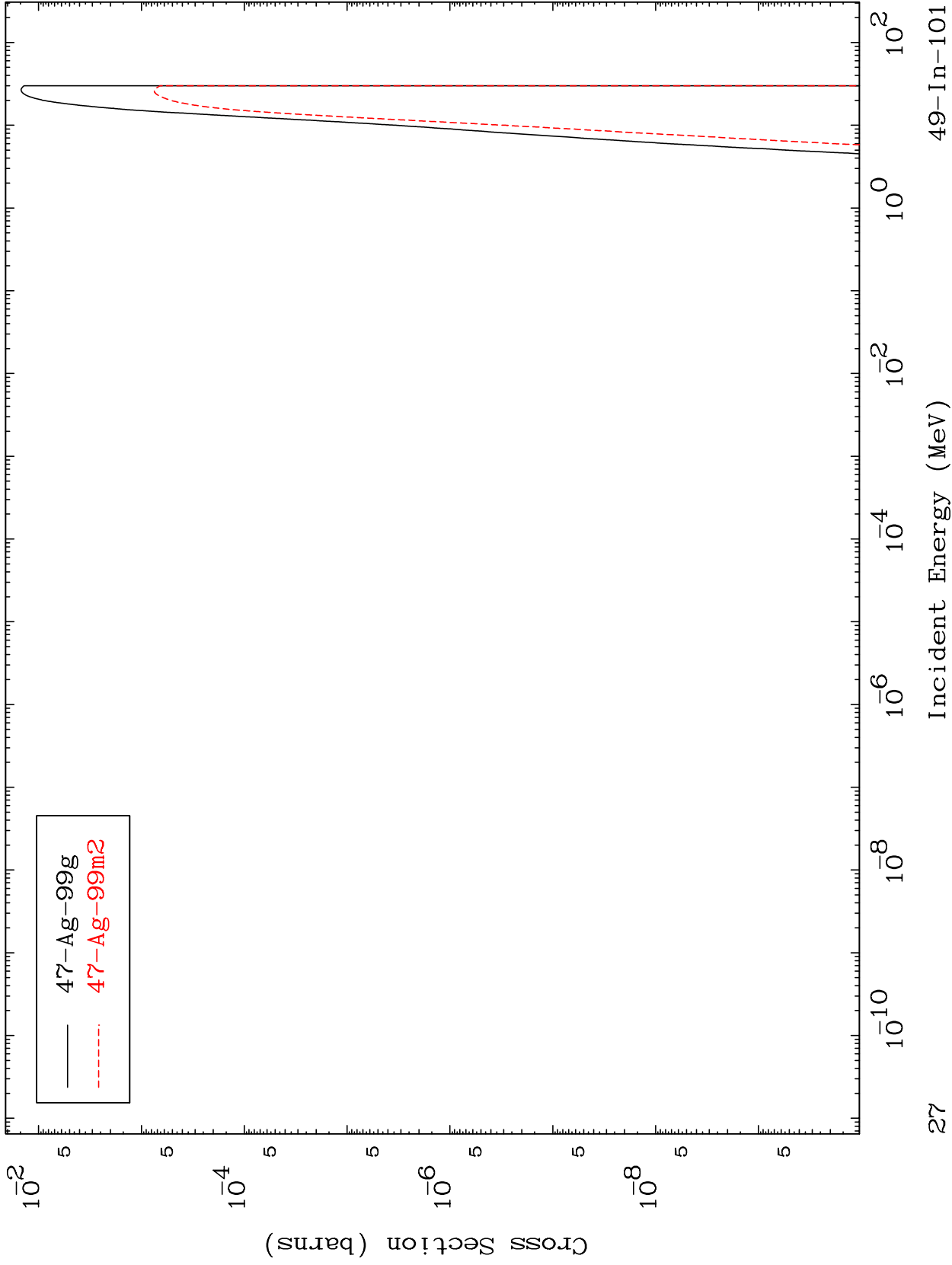
49-In-101

MAT 4889

(n,He-3)

49-In-101

Radionuclide Production Cross Section

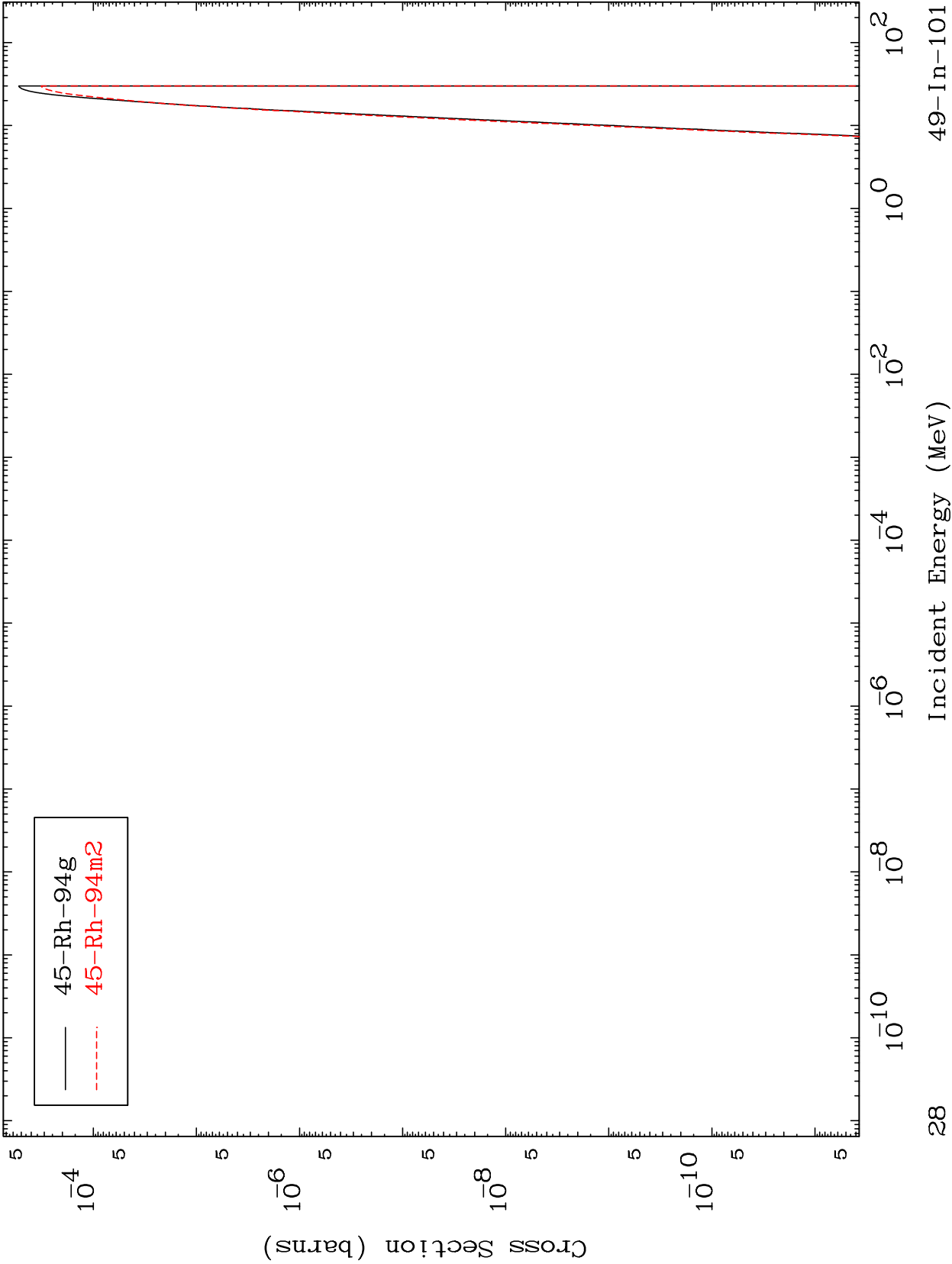


MAT 4889

(n,2α)

49-In-101

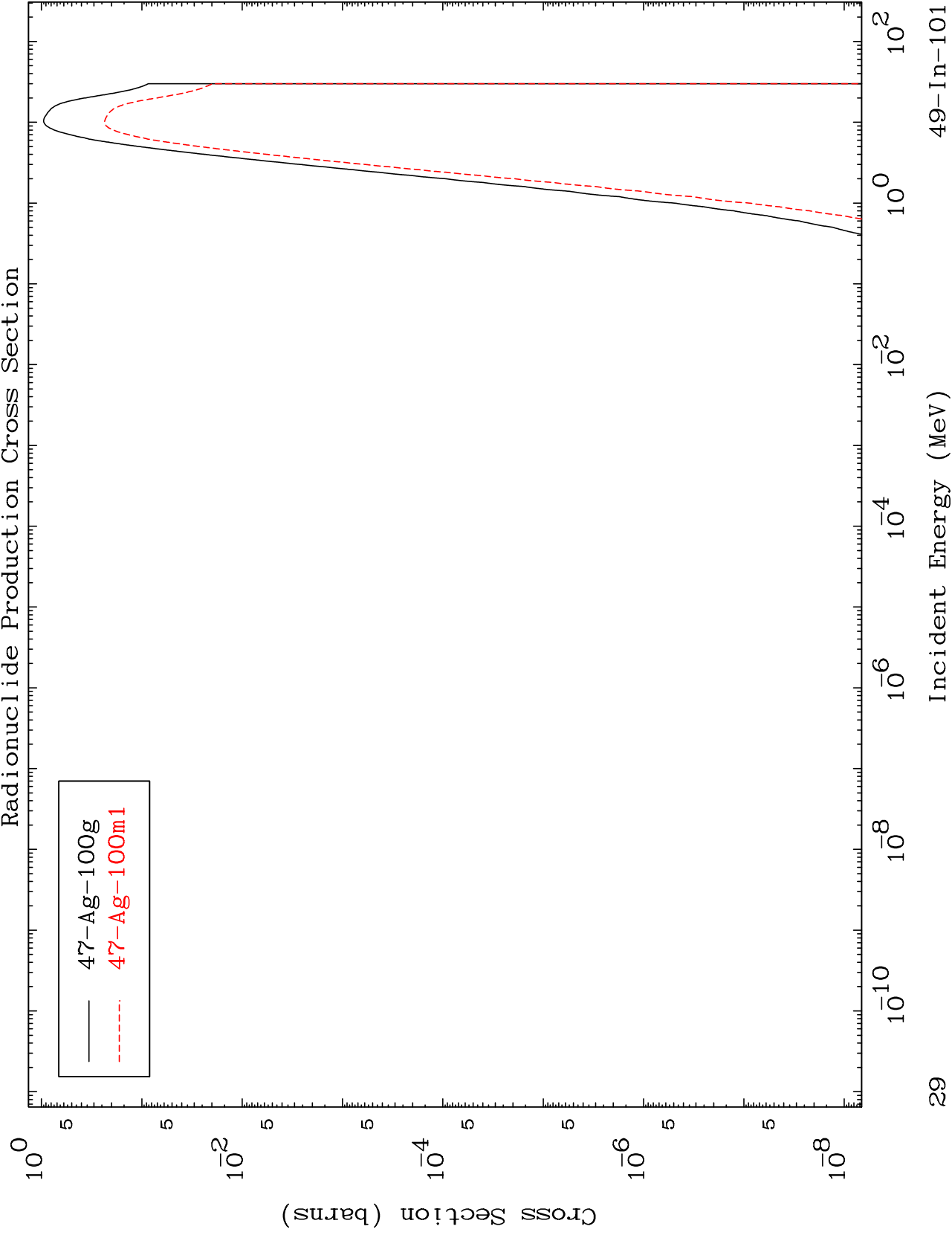
Radionuclide Production Cross Section



MAT 4889

49-In-101

(n,2p)
Radionuclide Production Cross Section

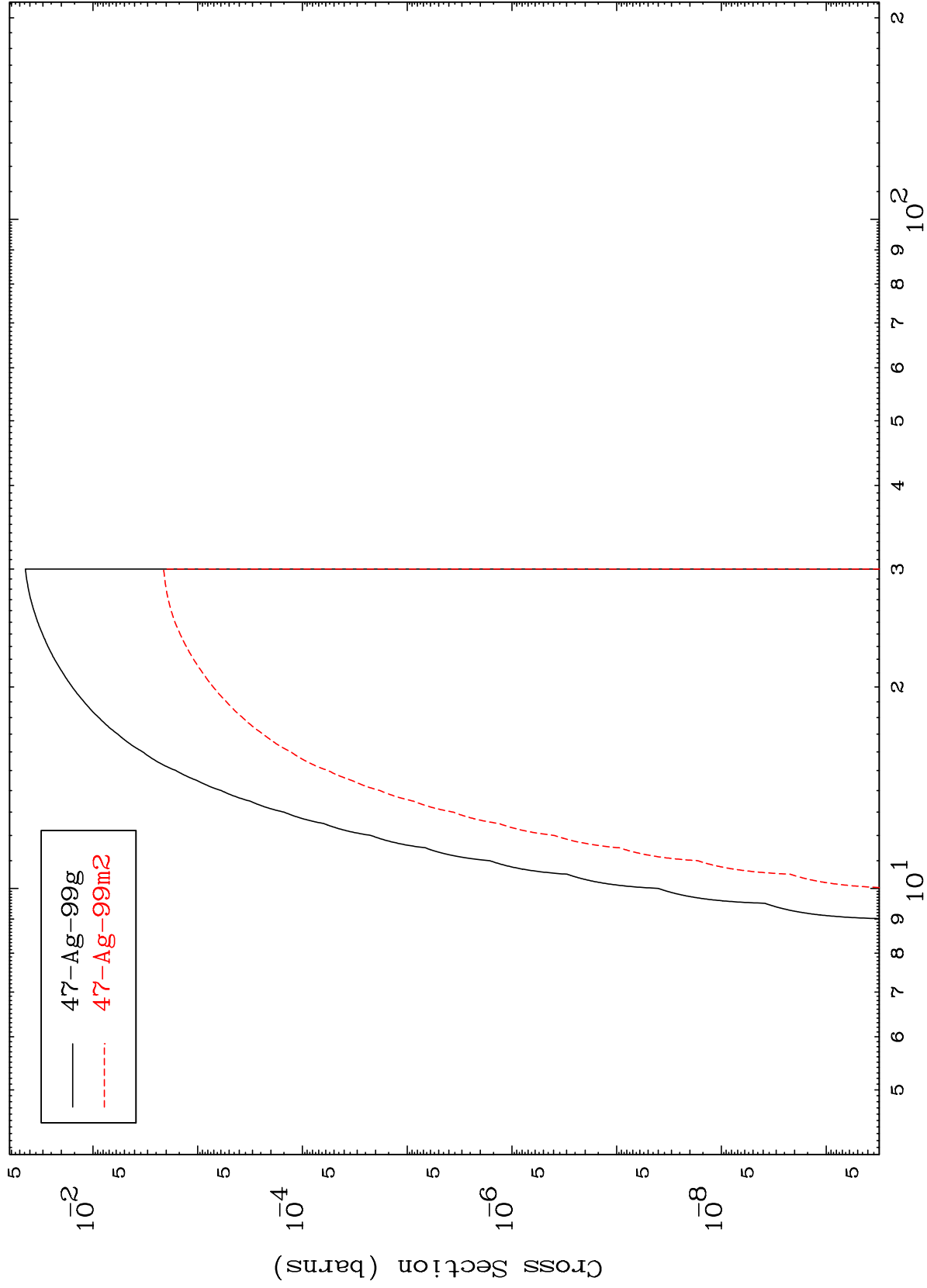


MAT 4889

(n,p) d

49-In-101

Radionuclide Production Cross Section



30

Incident Energy (MeV)

49-In-101