

Program EVALPLOT
(Version 2021-1)

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

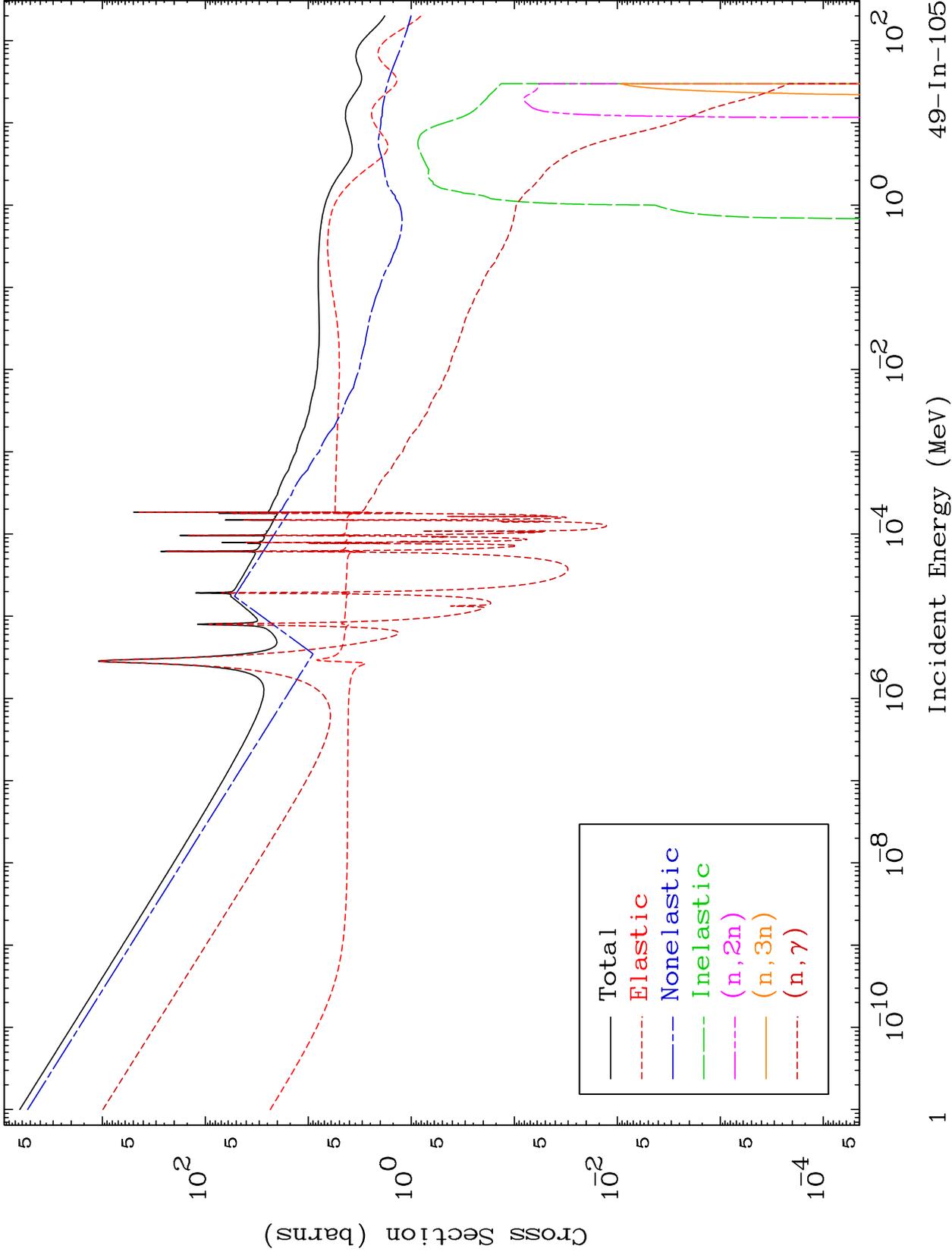
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4901

Neutron Major
293 Kelvin Cross Sections

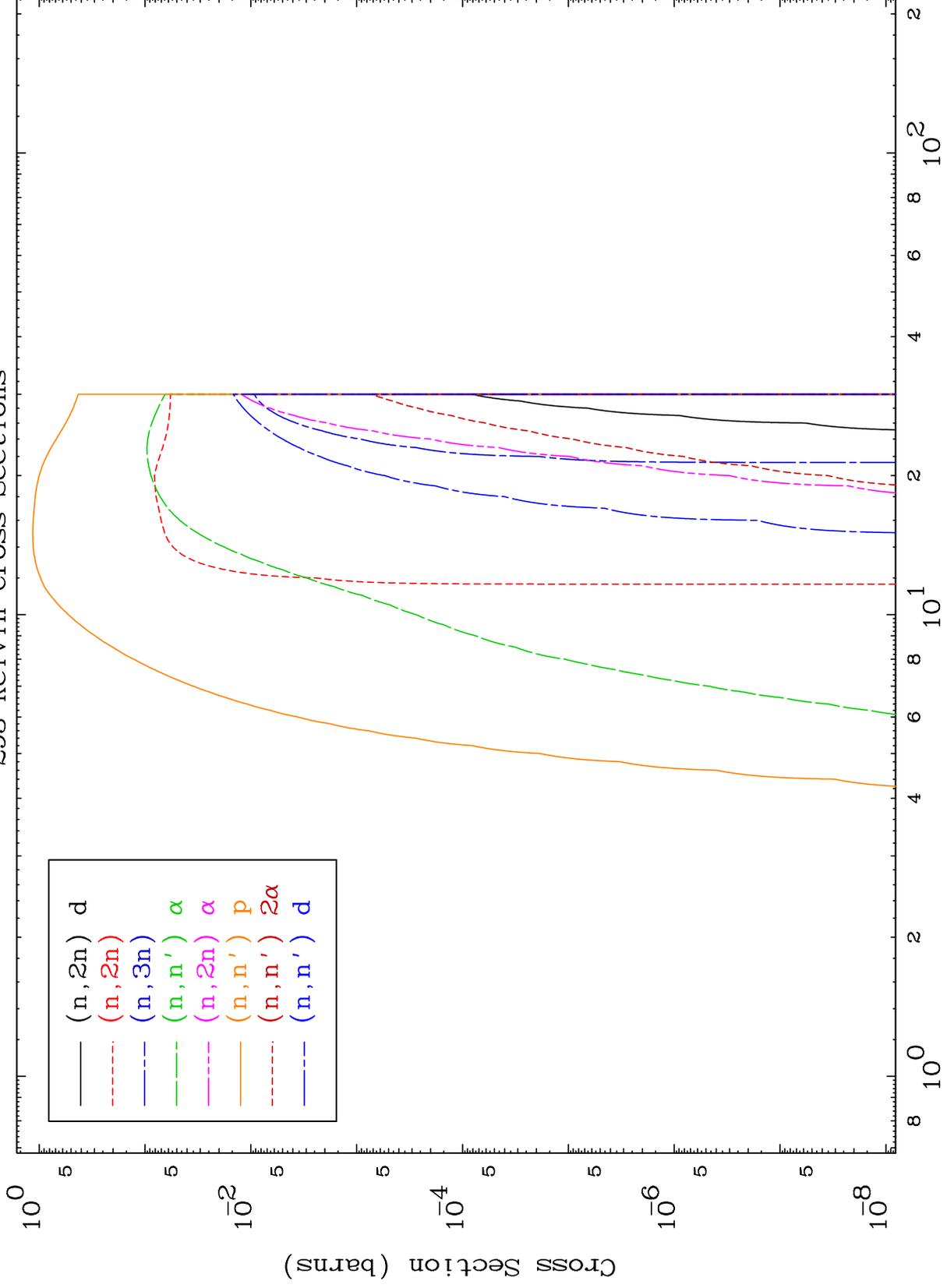
49-In-105



MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

49-In-105



Incident Energy (MeV)

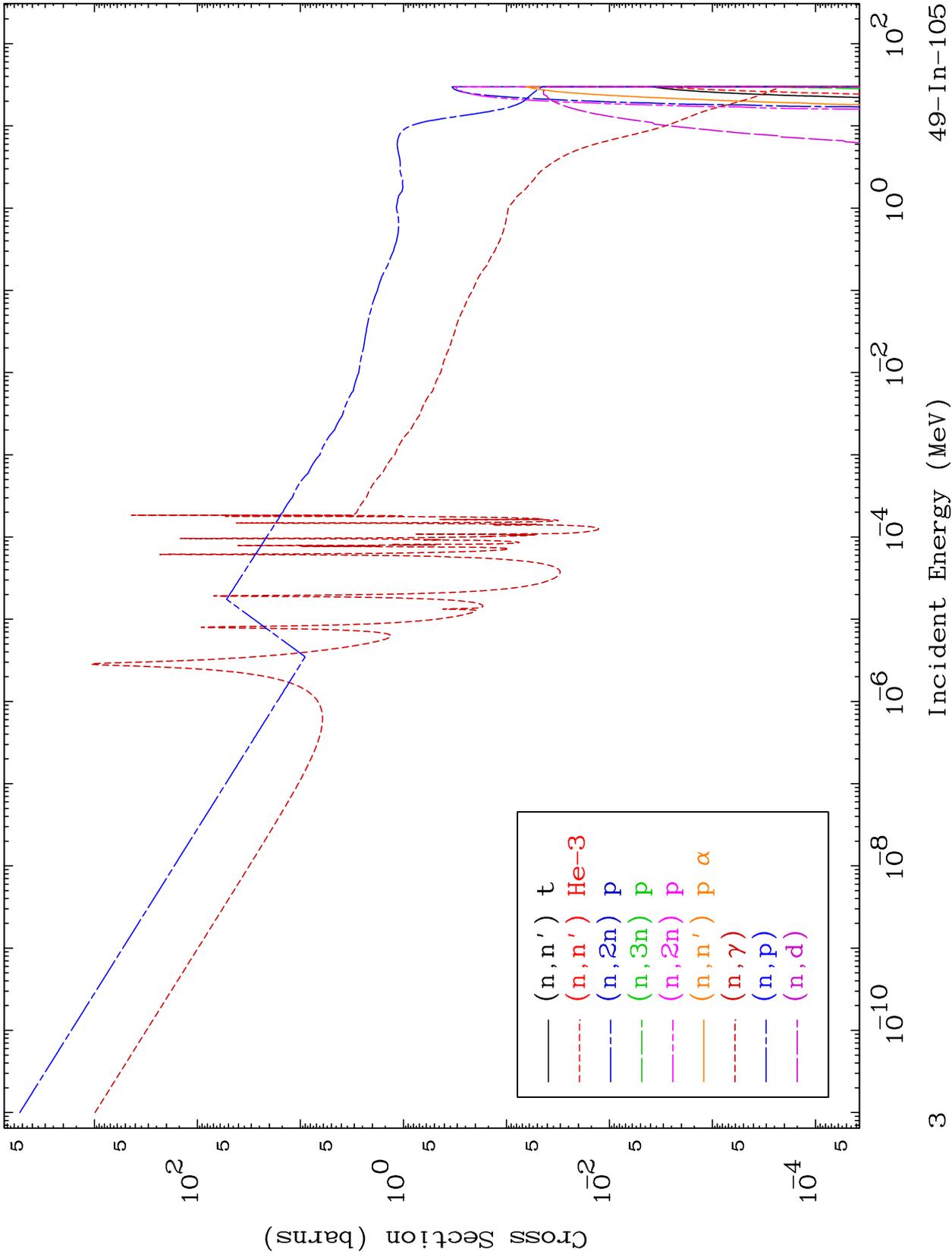
49-In-105

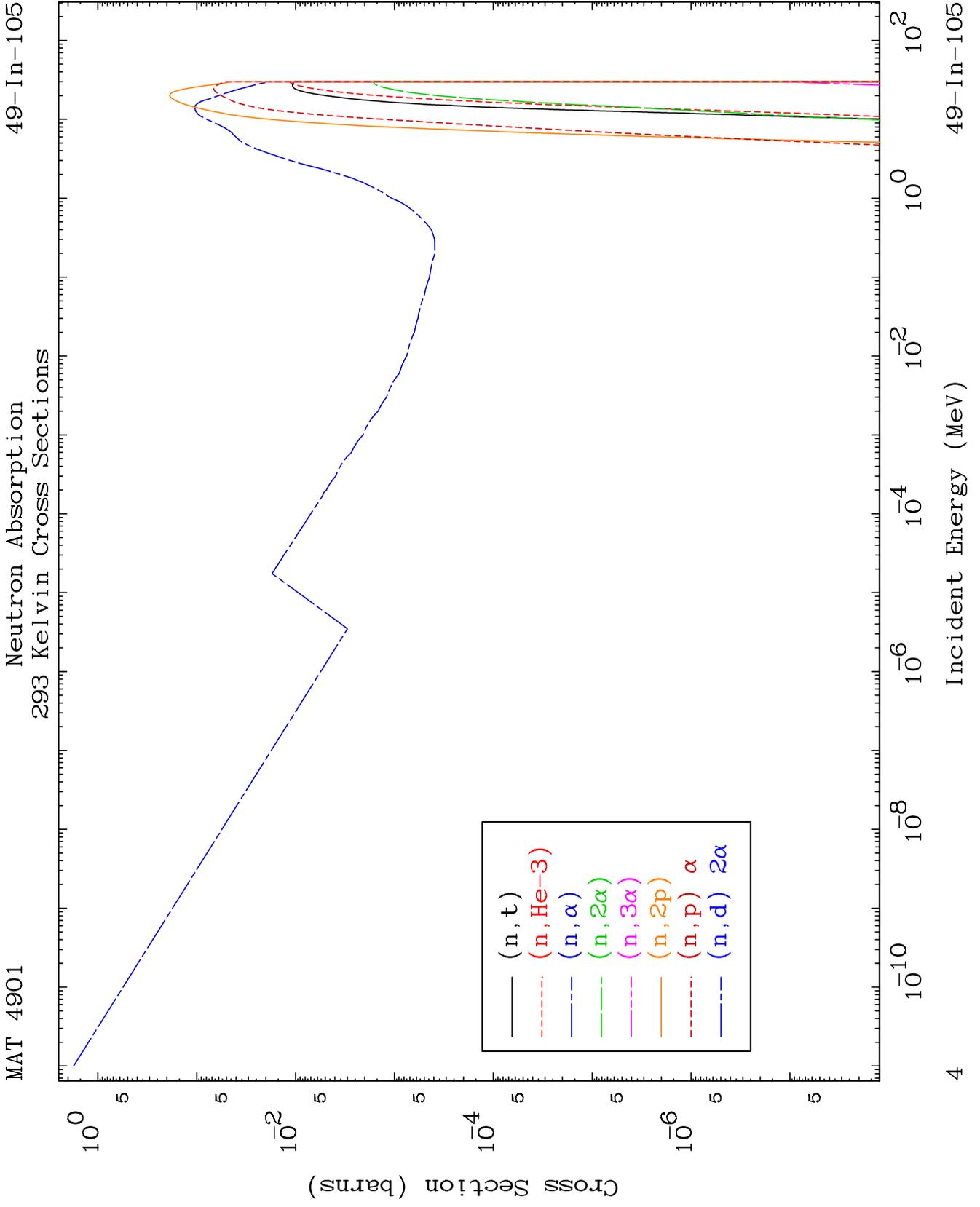
2

MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

49-In-105

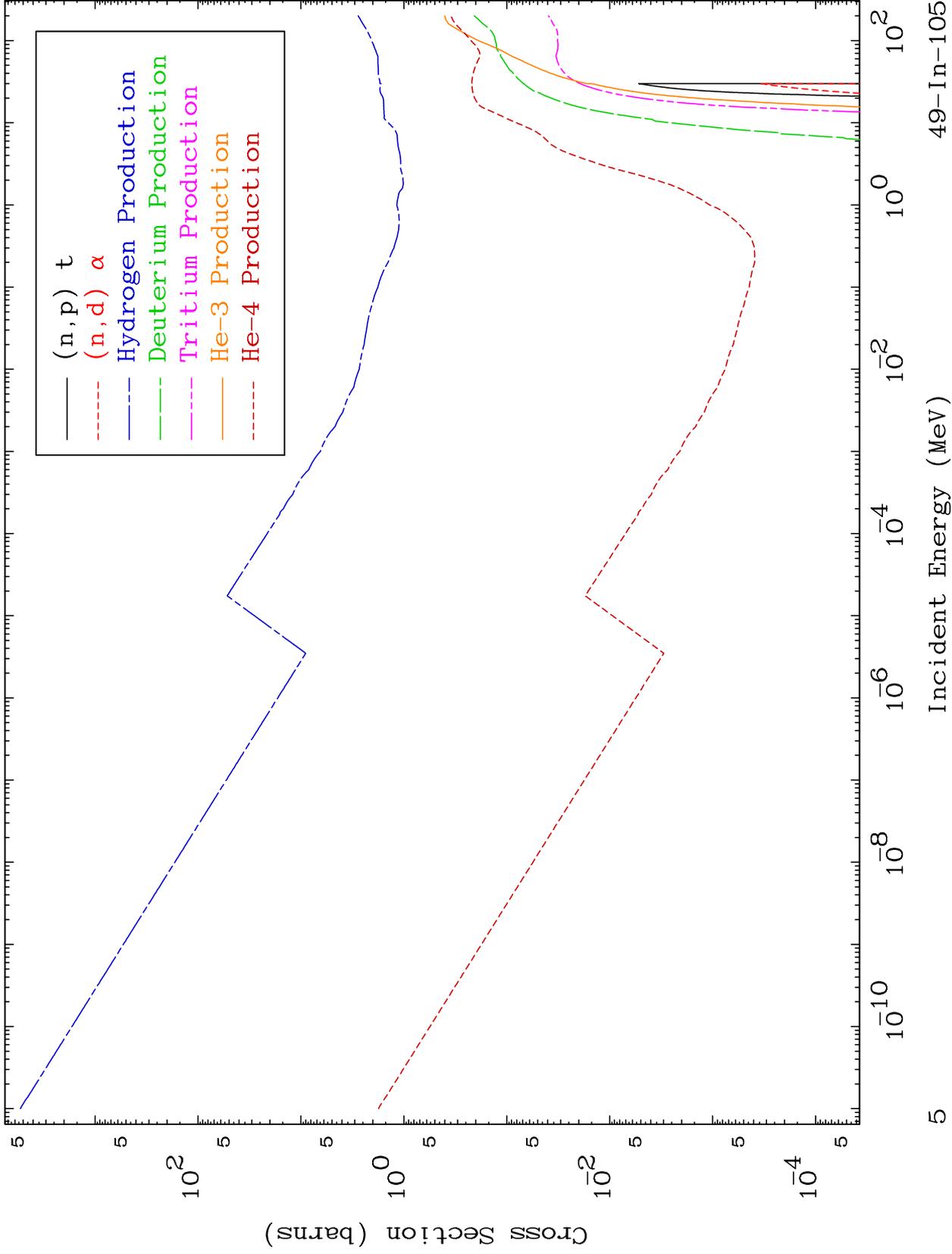




MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

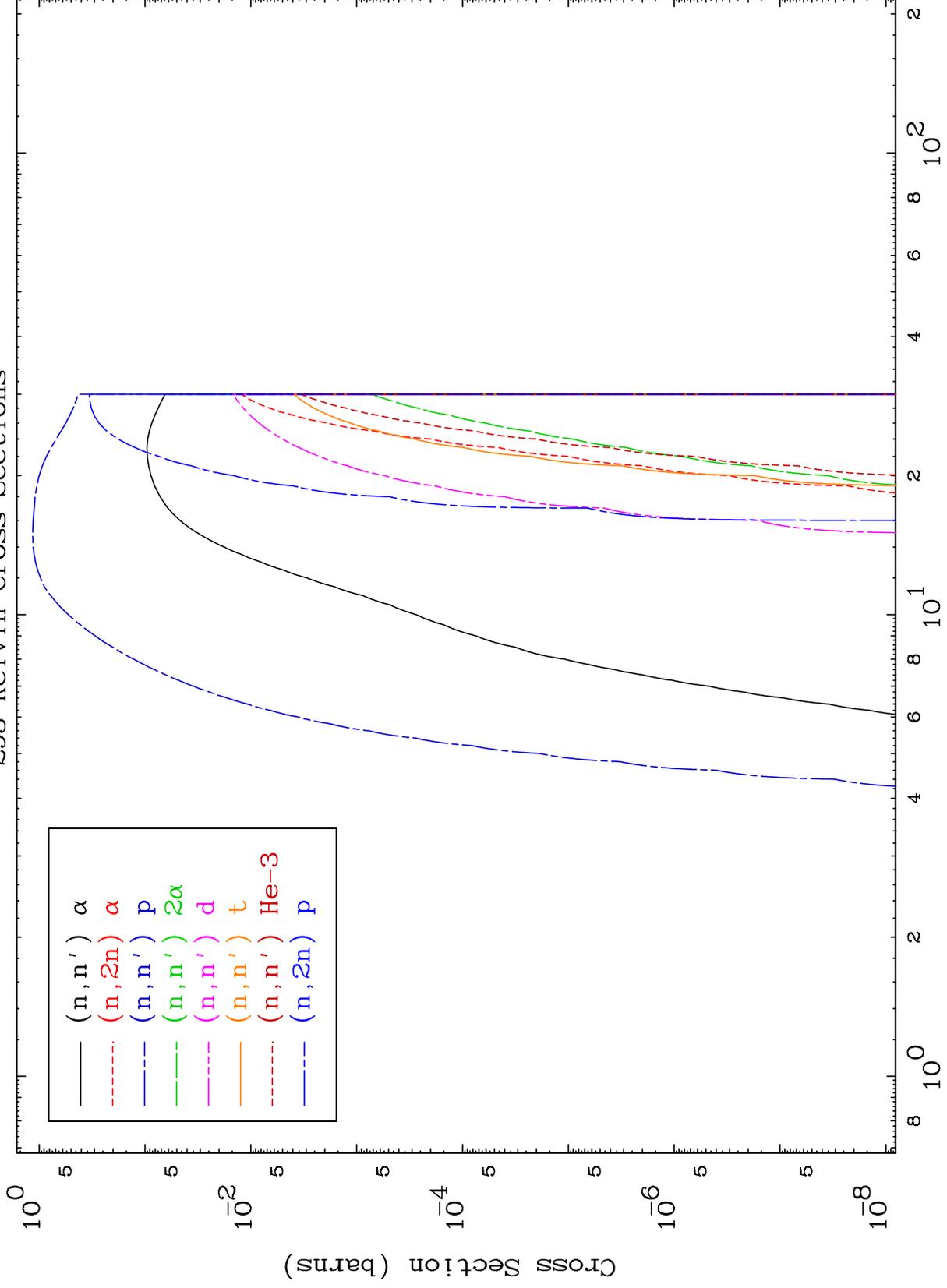
49-In-105



MAT 4901

Charged Particle
293 Kelvin Cross Sections

49-In-105



Incident Energy (MeV)

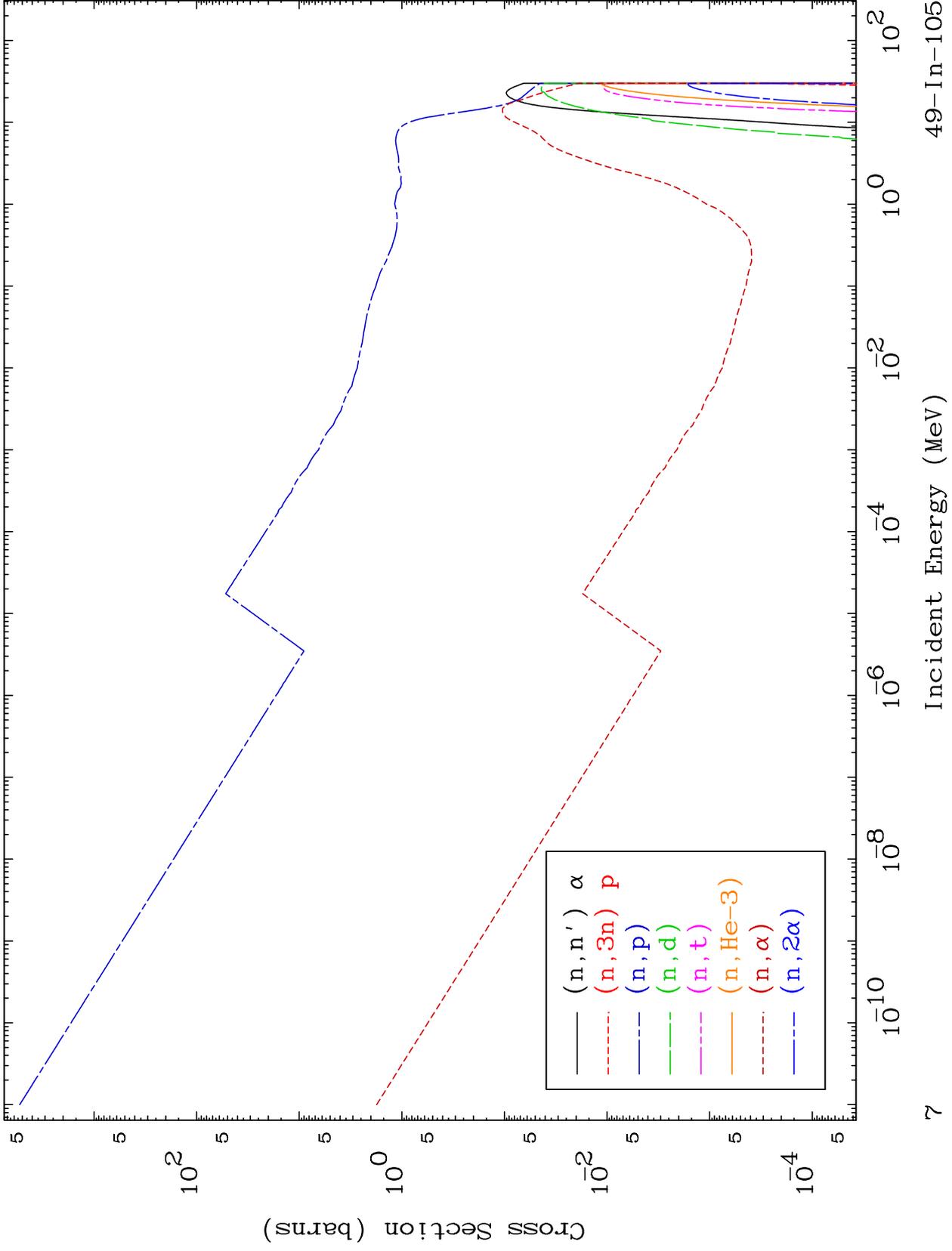
49-In-105

6

MAT 4901

Charged Particle
293 Kelvin Cross Sections

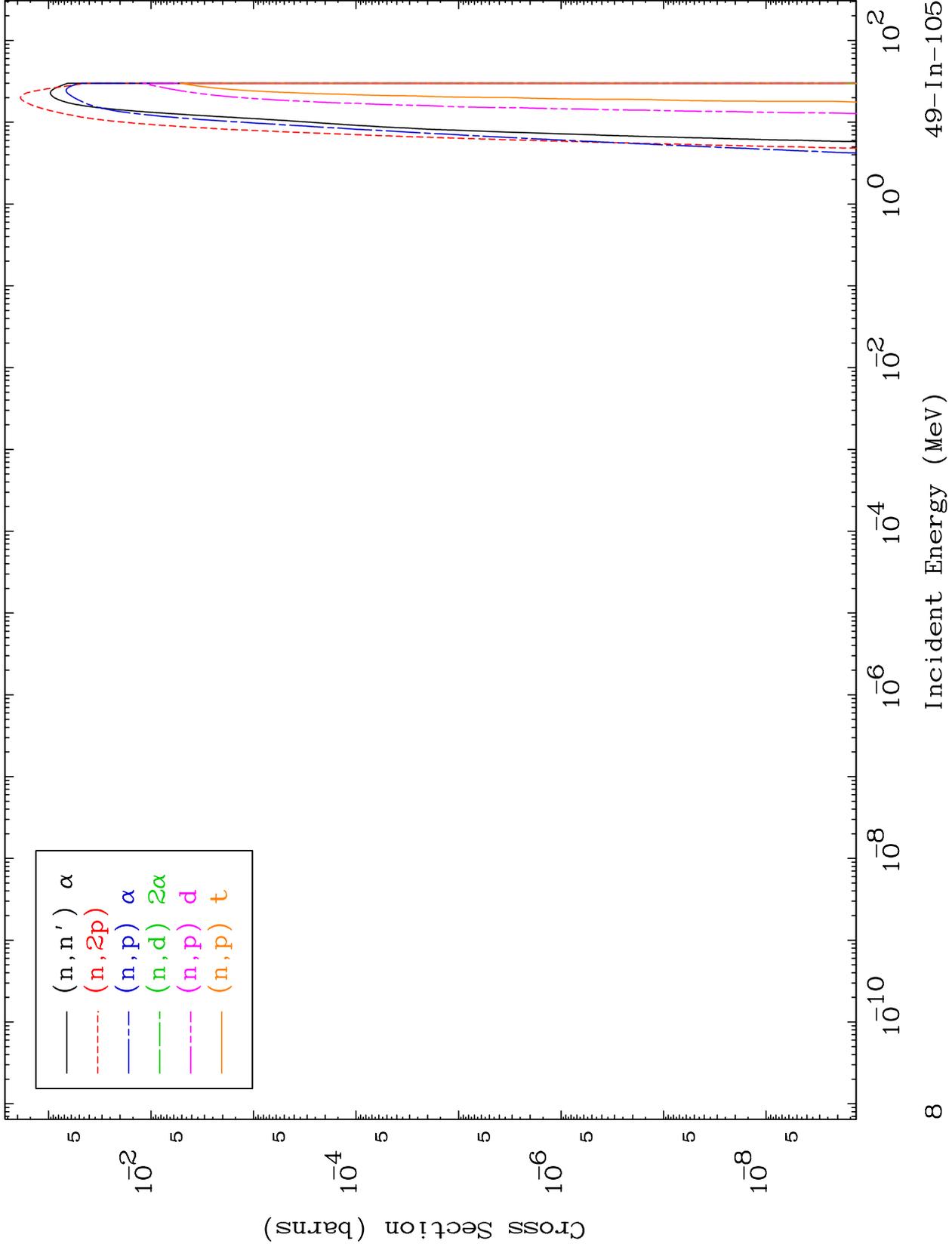
49-In-105



MAT 4901

Charged Particle
293 Kelvin Cross Sections

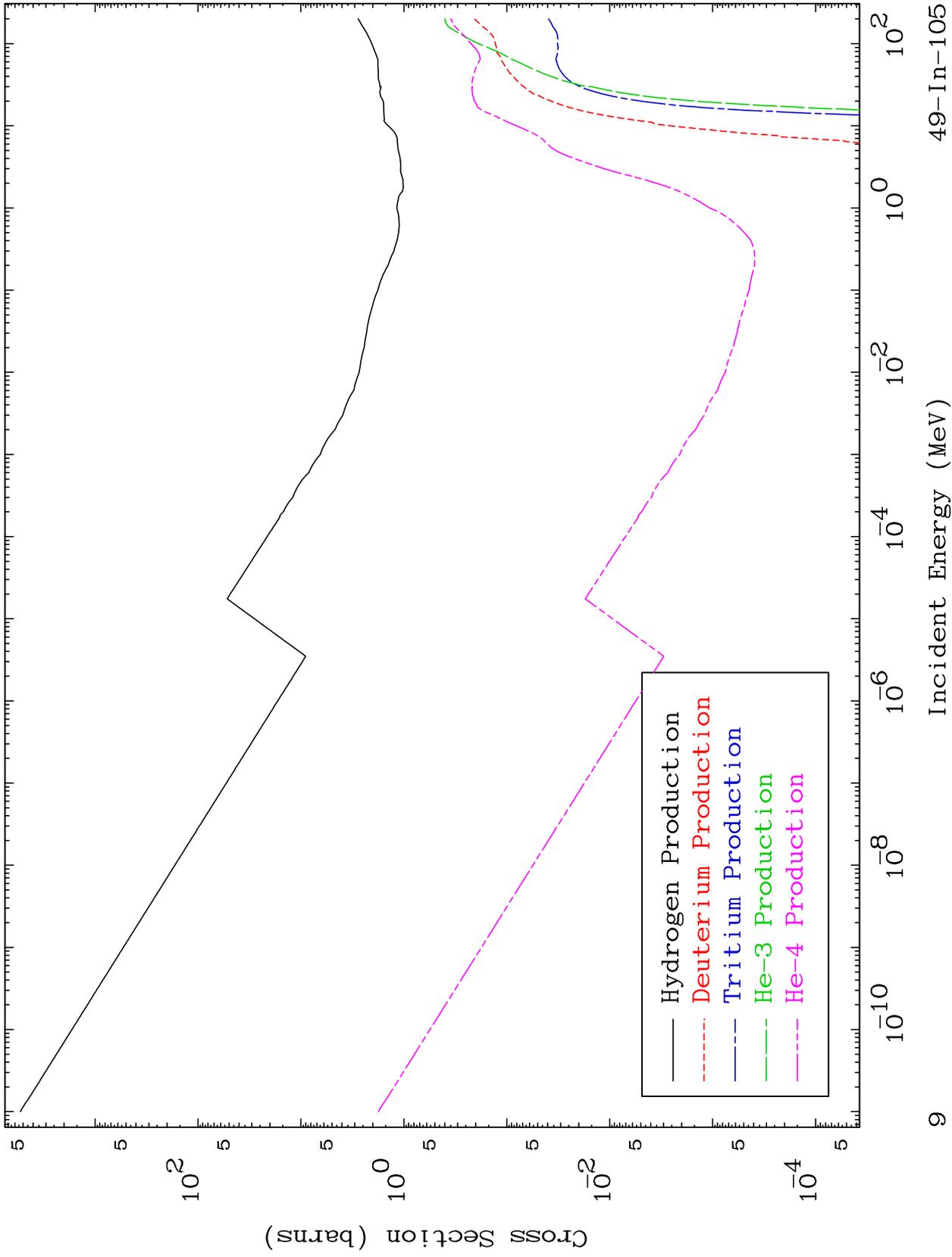
49-In-105



MAT 4901

Particle Production
293 Kelvin Cross Sections

49-In-105

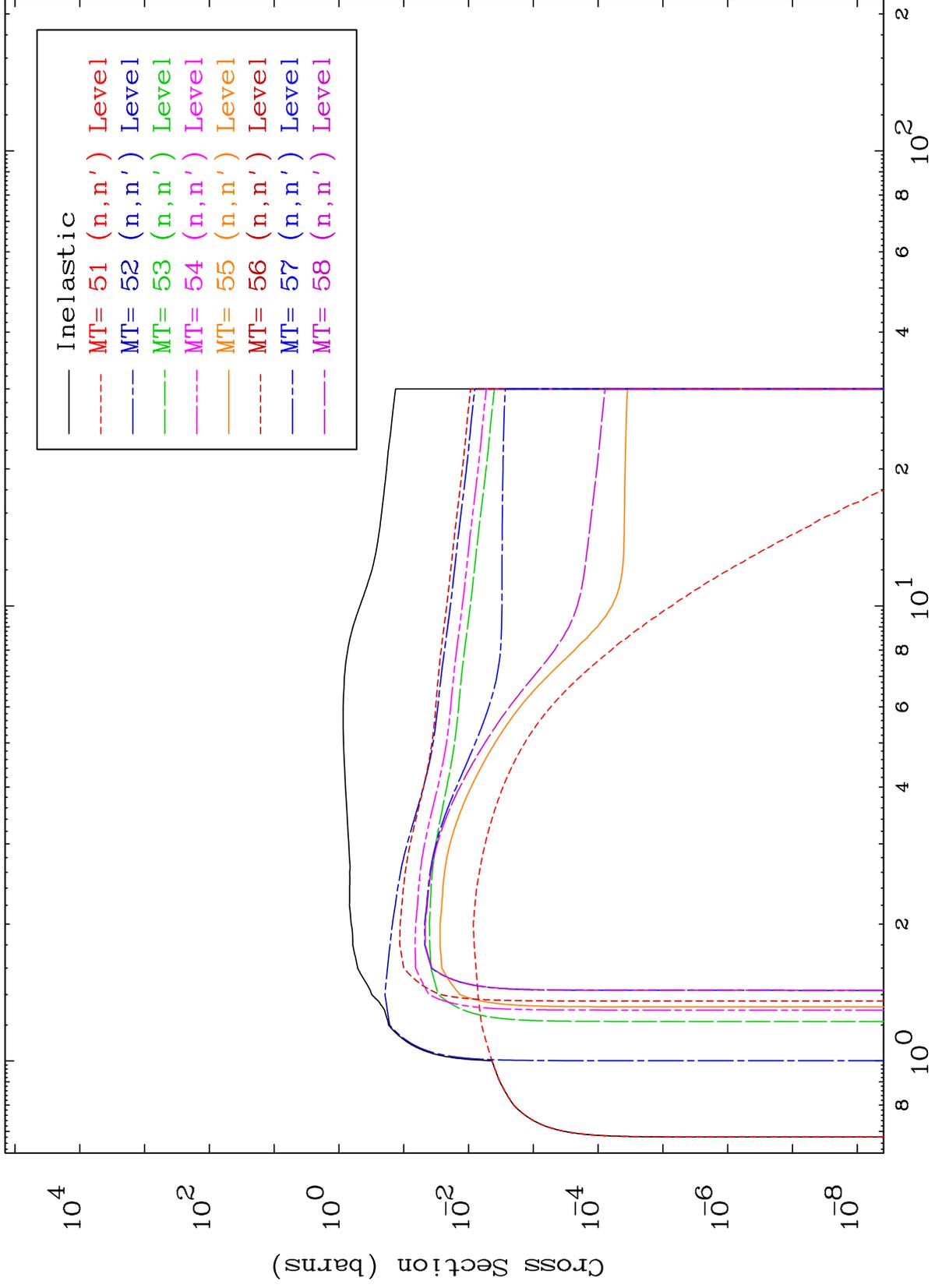


MAT 4901

(n,n') Levels

49-In-105

293 Kelvin Cross Sections

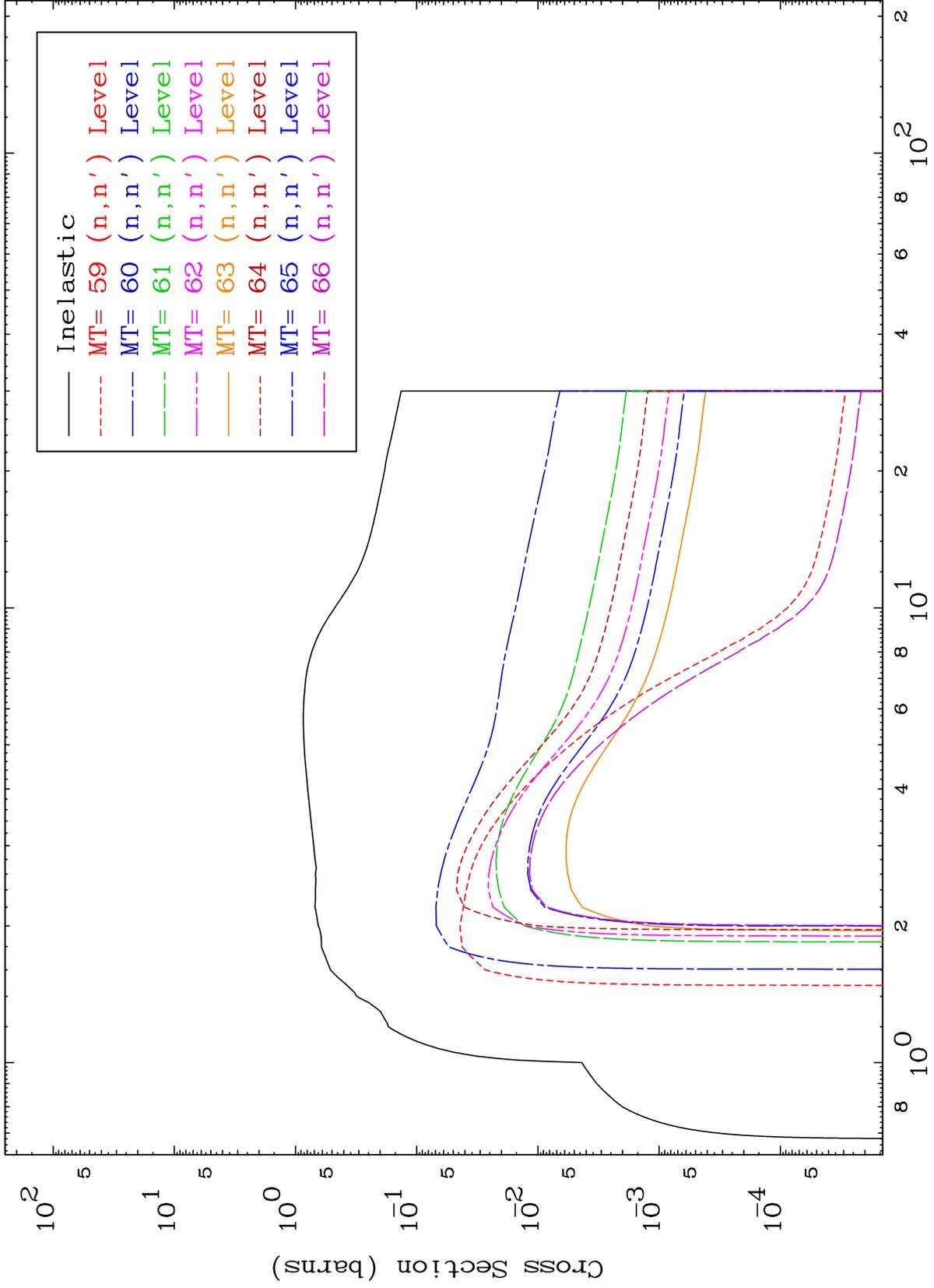


10

Incident Energy (MeV)

49-In-105

293 Kelvin Cross Sections

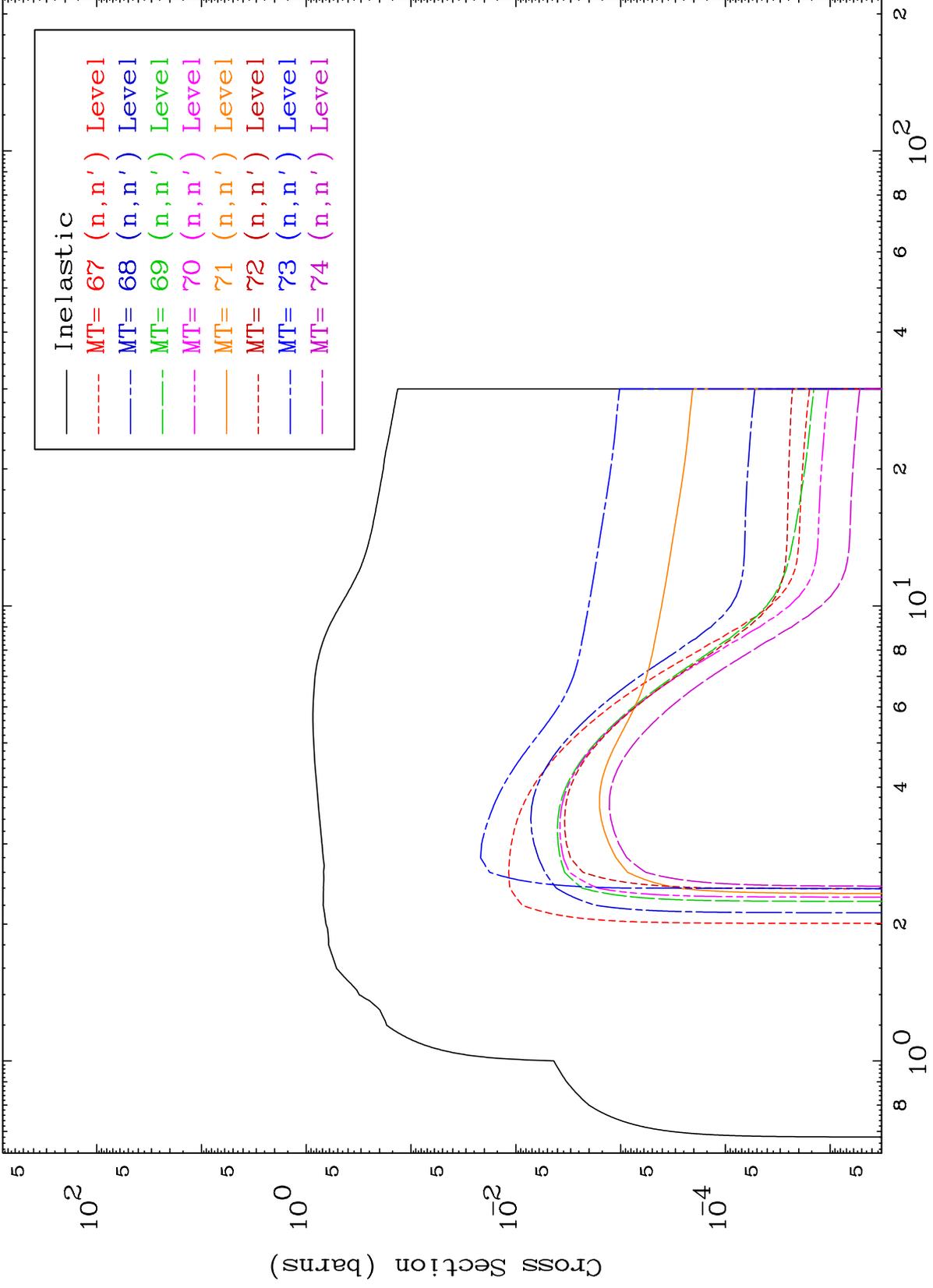


MAT 4901

(n,n') Levels

49-In-105

293 Kelvin Cross Sections



12

Incident Energy (MeV)

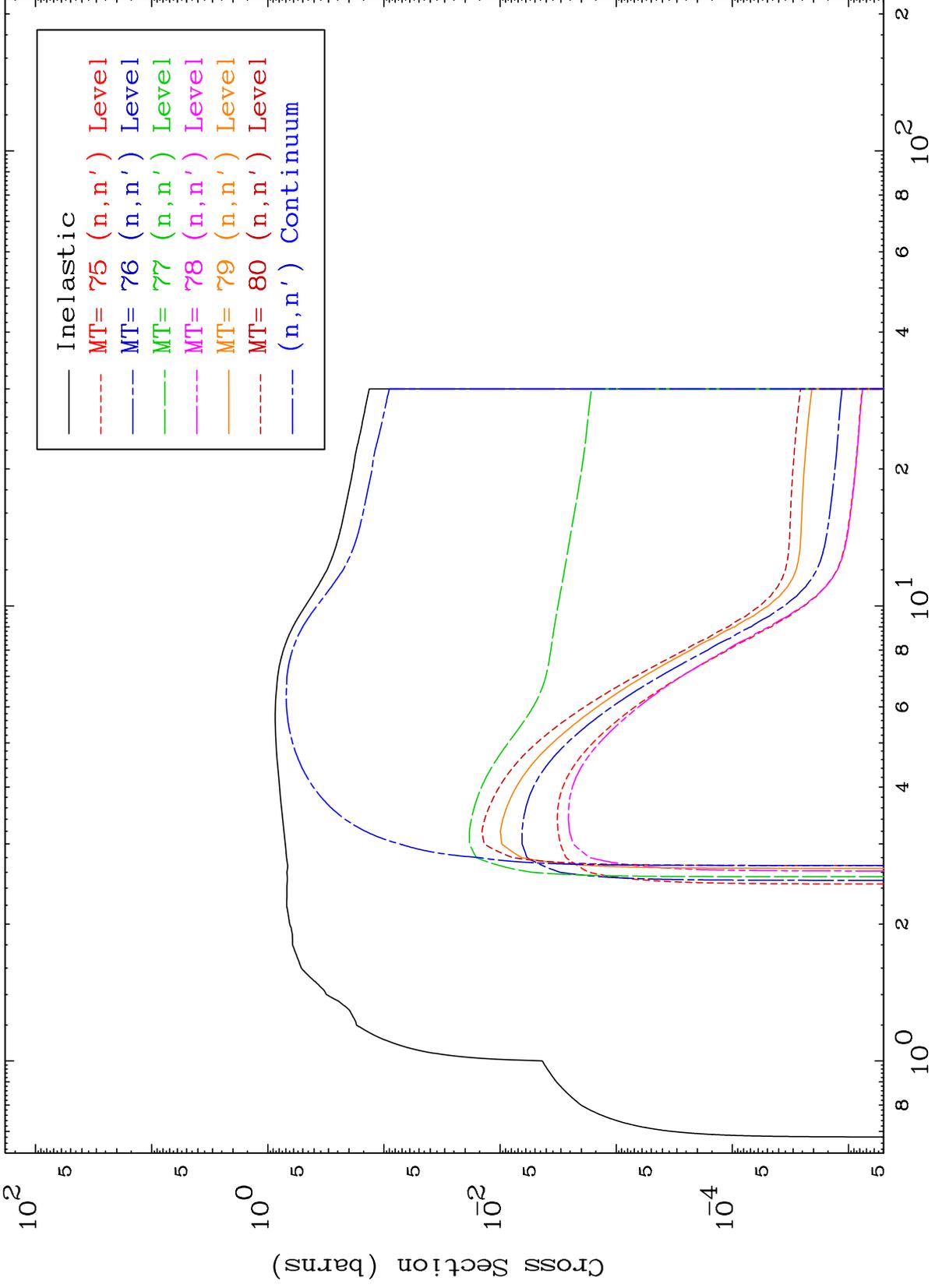
49-In-105

MAT 4901

(n,n') Levels

49-In-105

293 Kelvin Cross Sections



13

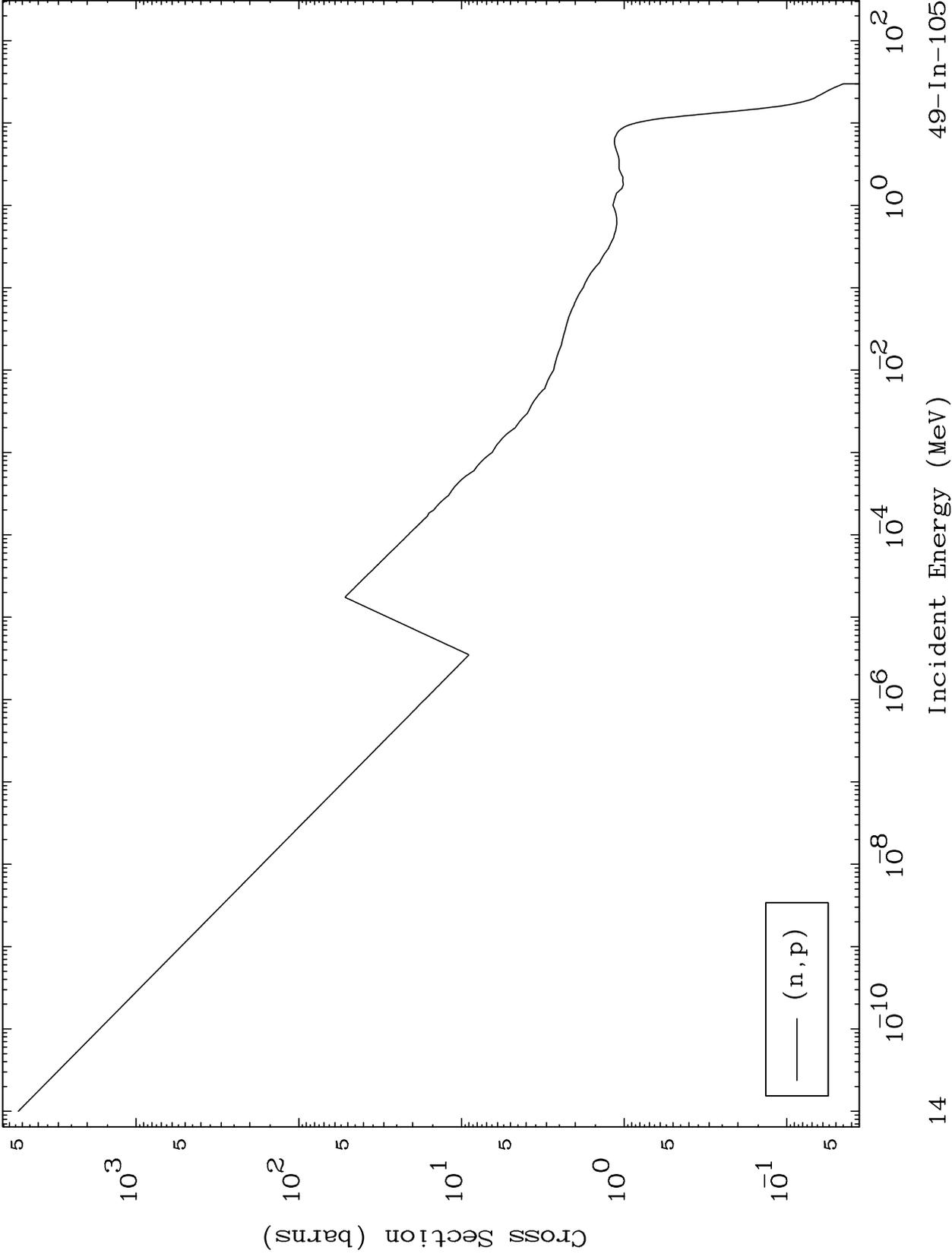
Incident Energy (MeV)

49-In-105

MAT 4901

(n,p) Levels
293 Kelvin Cross Sections

49-In-105

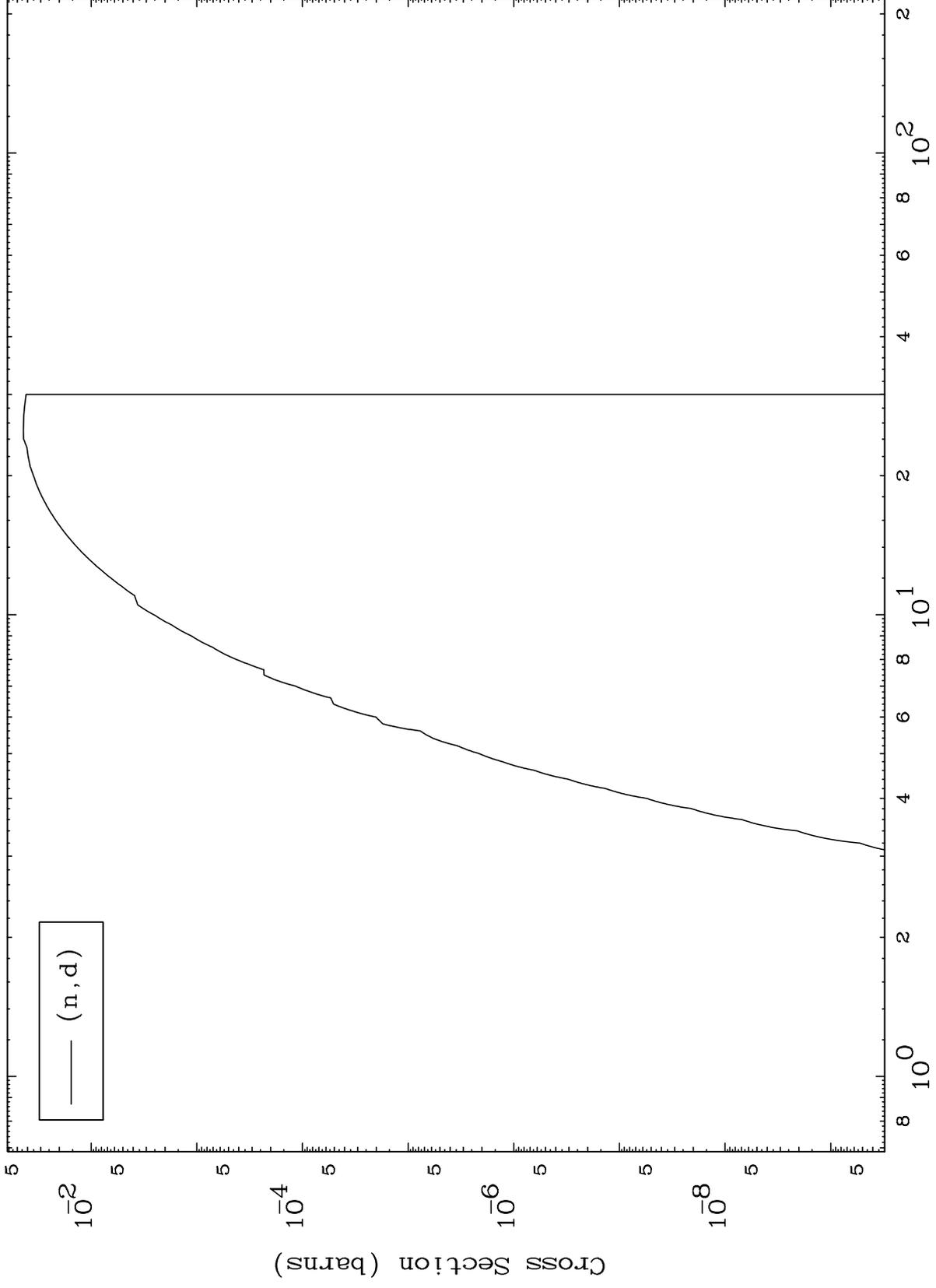


14

MAT 4901

(n,d) Levels
293 Kelvin Cross Sections

49-In-105



15

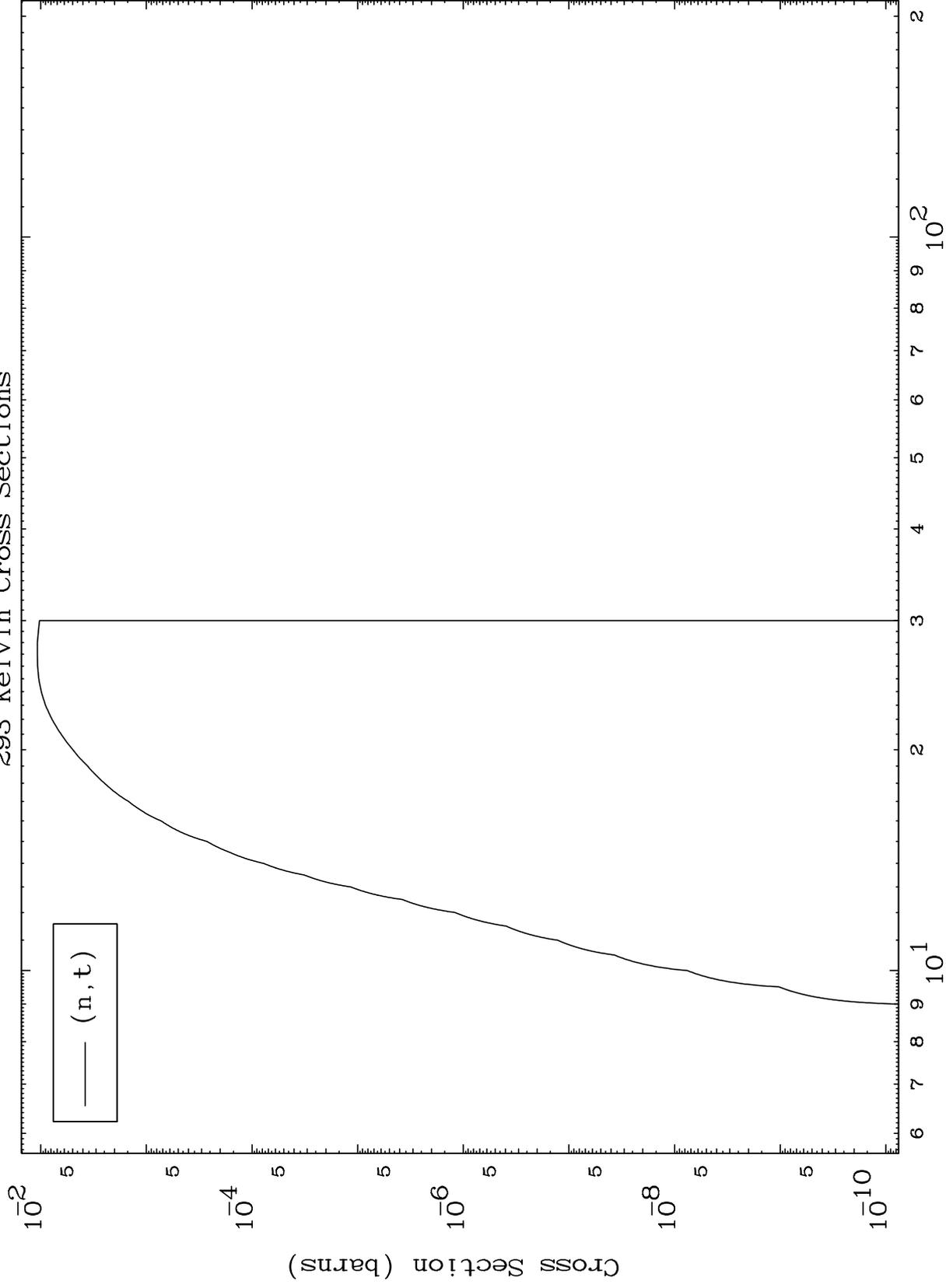
Incident Energy (MeV)

49-In-105

MAT 4901

(n, t) Levels
293 Kelvin Cross Sections

49-In-105



16

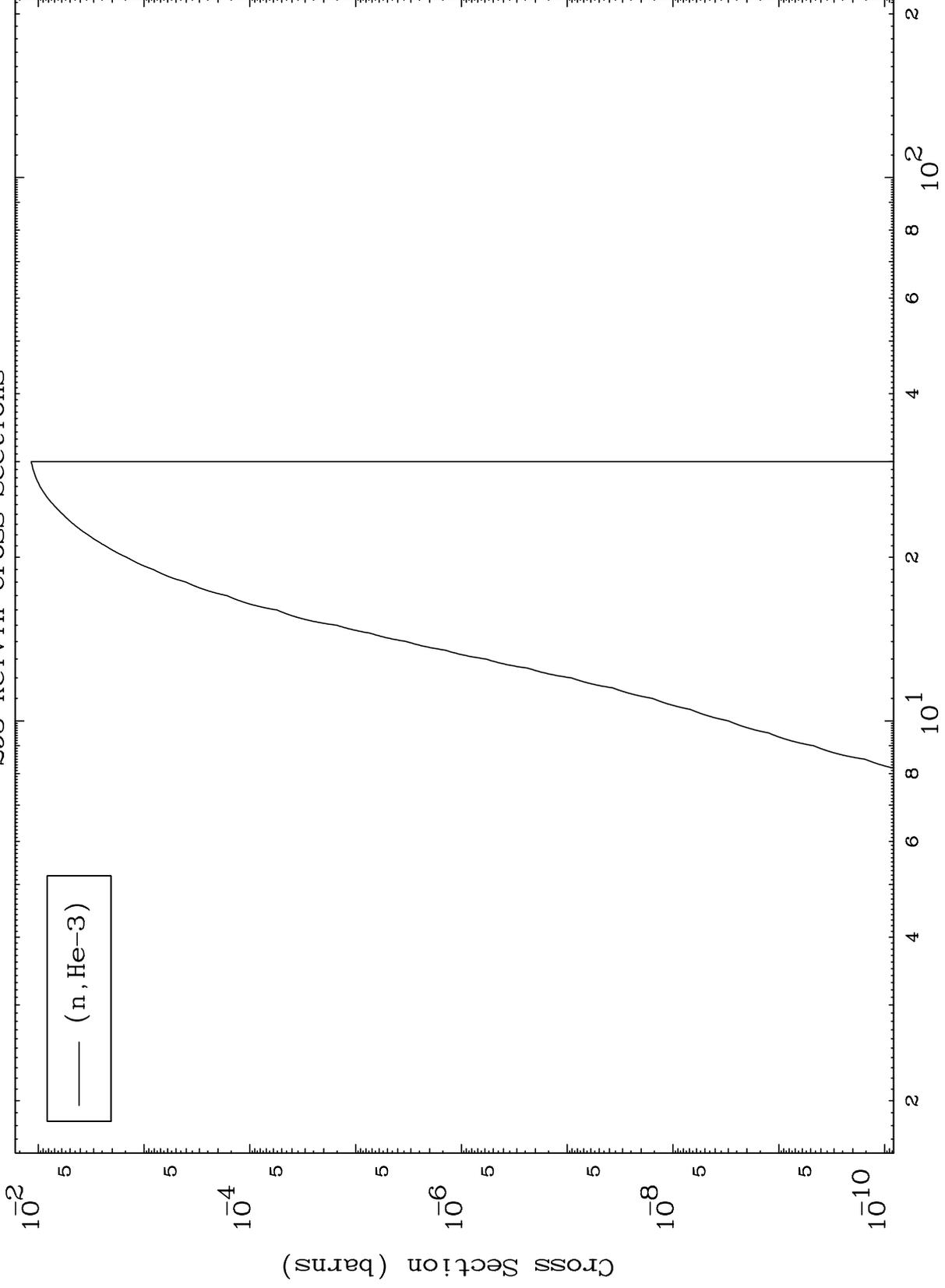
Incident Energy (MeV)

49-In-105

MAT 4901

(n,He3) Levels
293 Kelvin Cross Sections

49-In-105



17

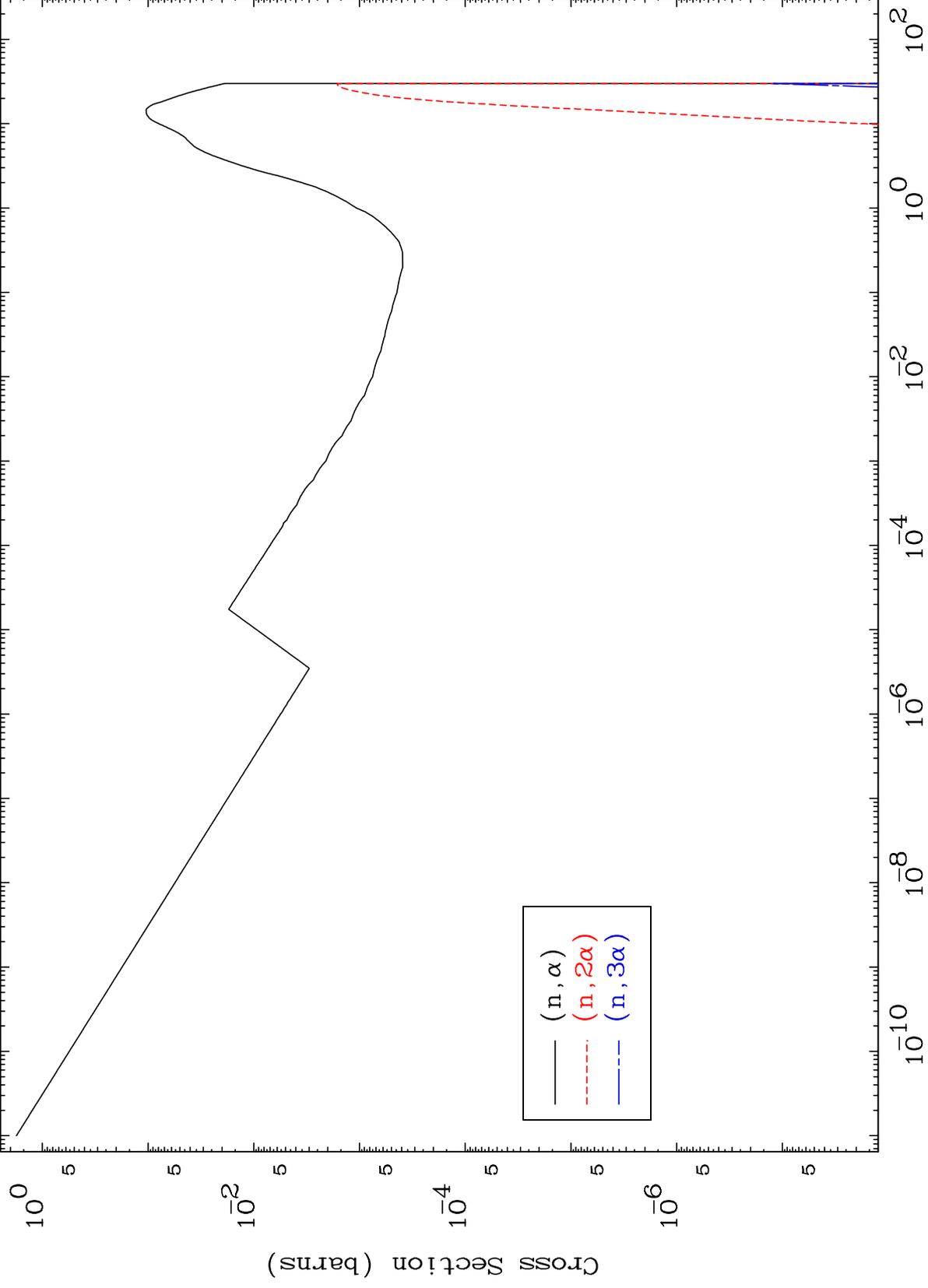
Incident Energy (MeV)

49-In-105

MAT 4901

(n, α) Levels
293 Kelvin Cross Sections

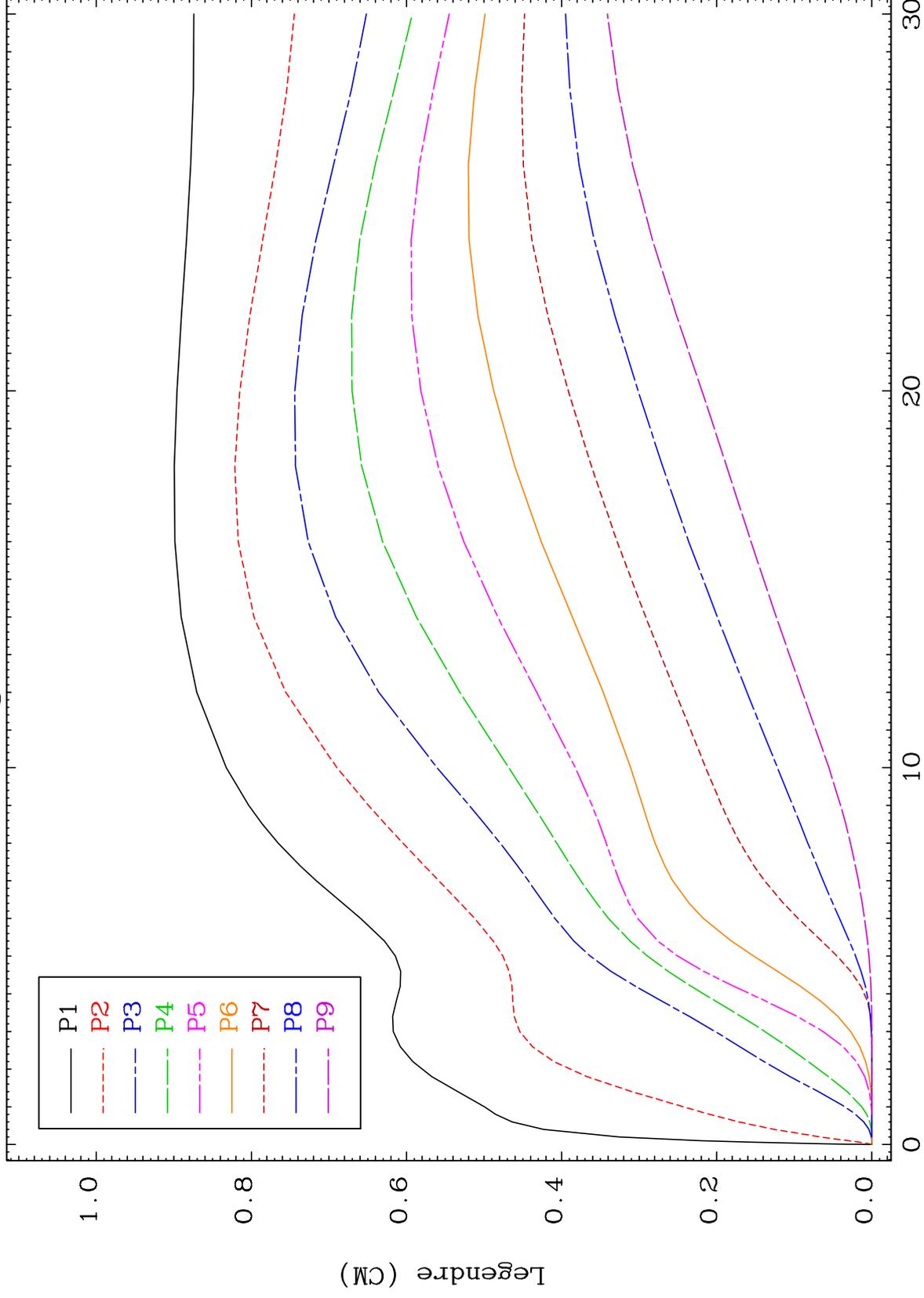
49-In-105



MAT 4901

Elastic Legendre Coefficients

49-In-105



19

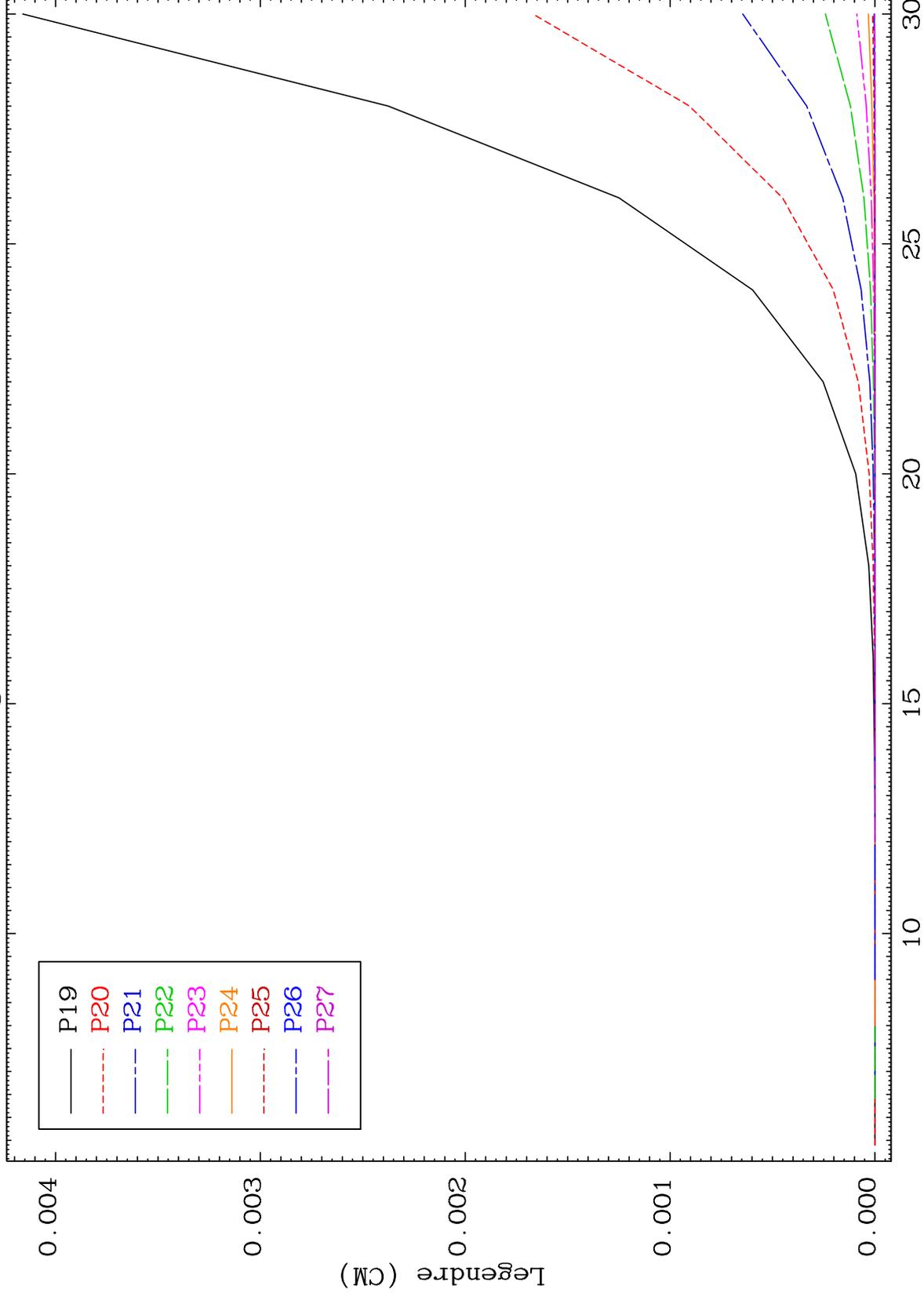
Incident Energy (MeV)

49-In-105

MAT 4901

Elastic
Legendre Coefficients

49-In-105



21

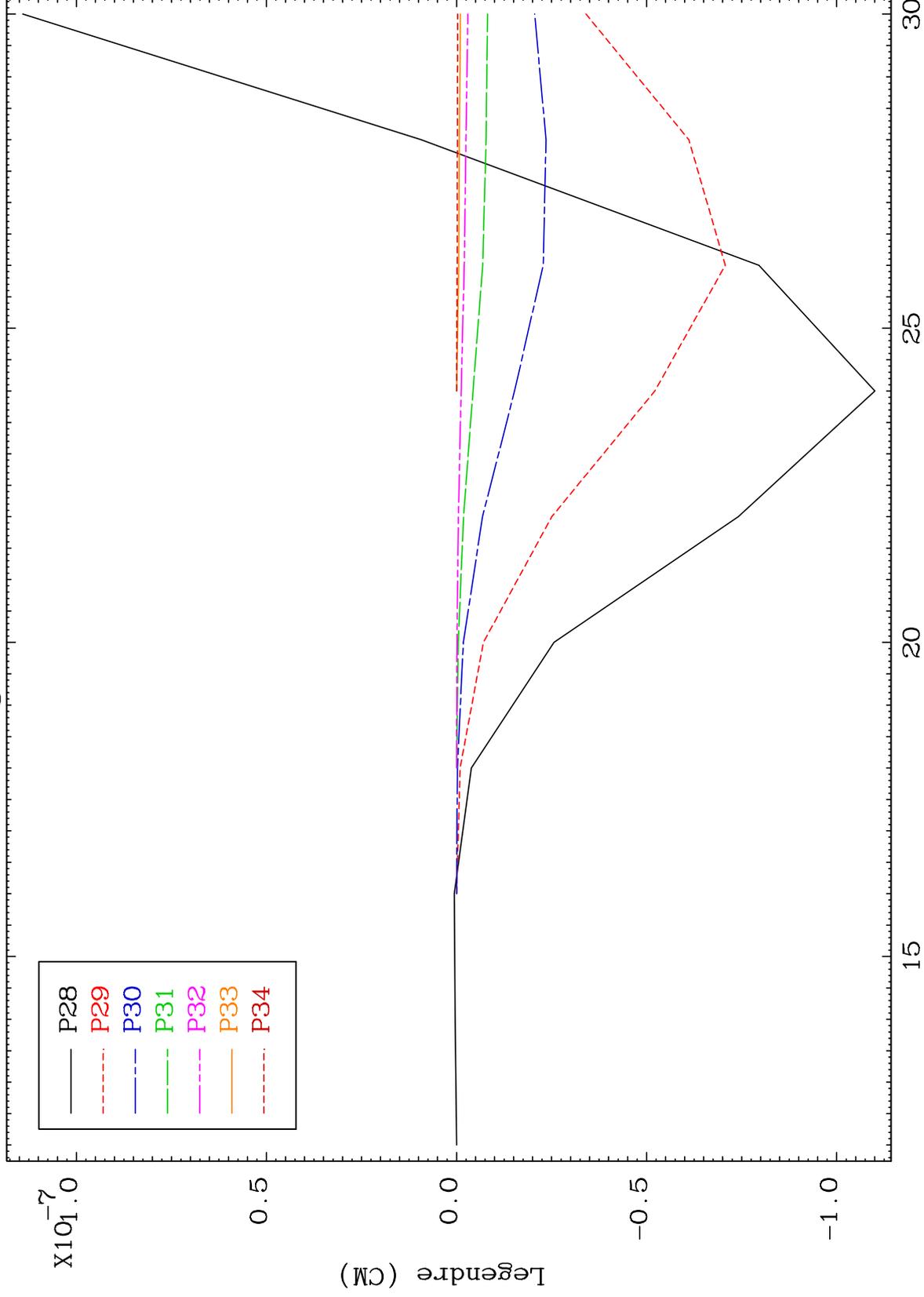
Incident Energy (MeV)

49-In-105

MAT 4901

Elastic
Legendre Coefficients

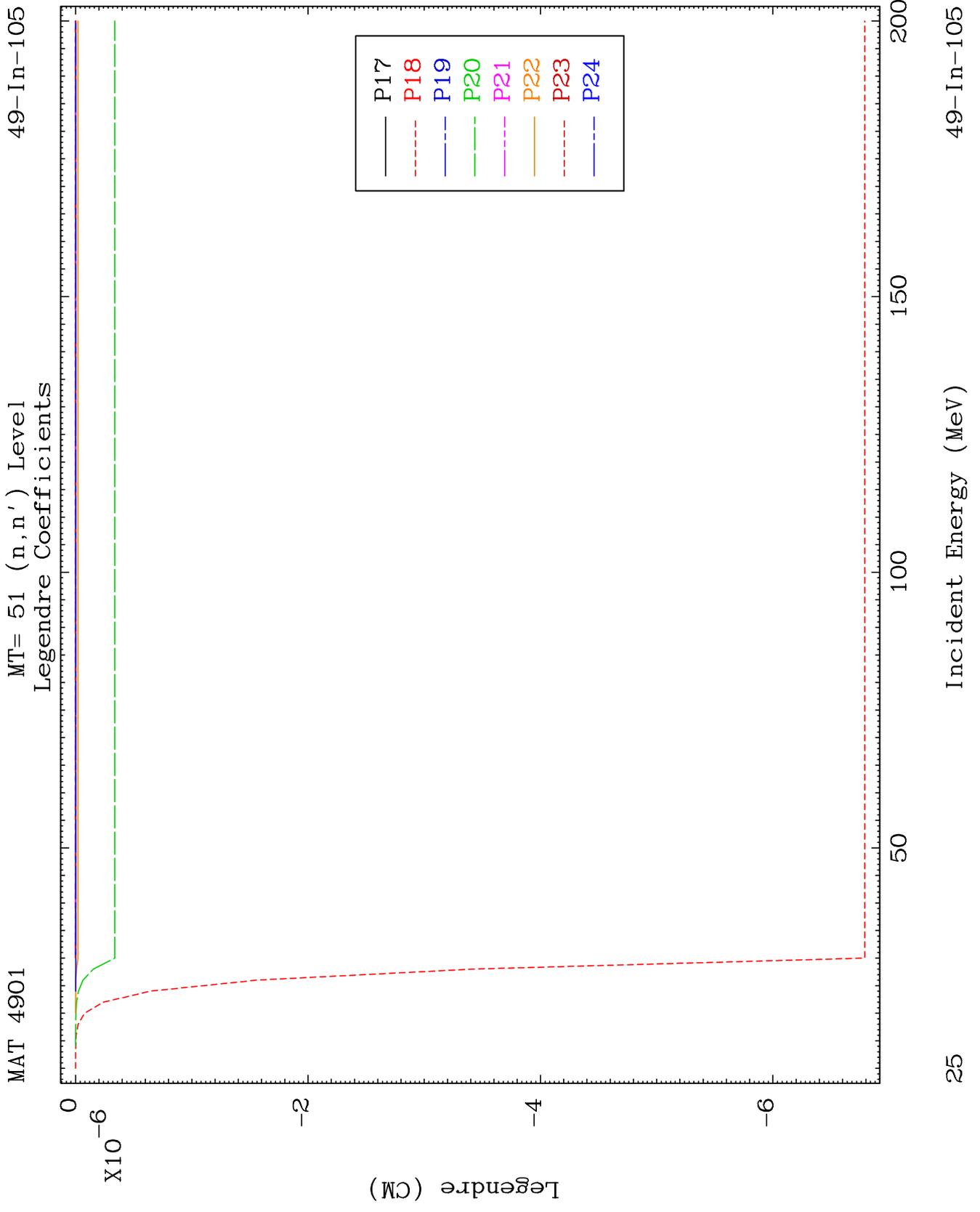
49-In-105

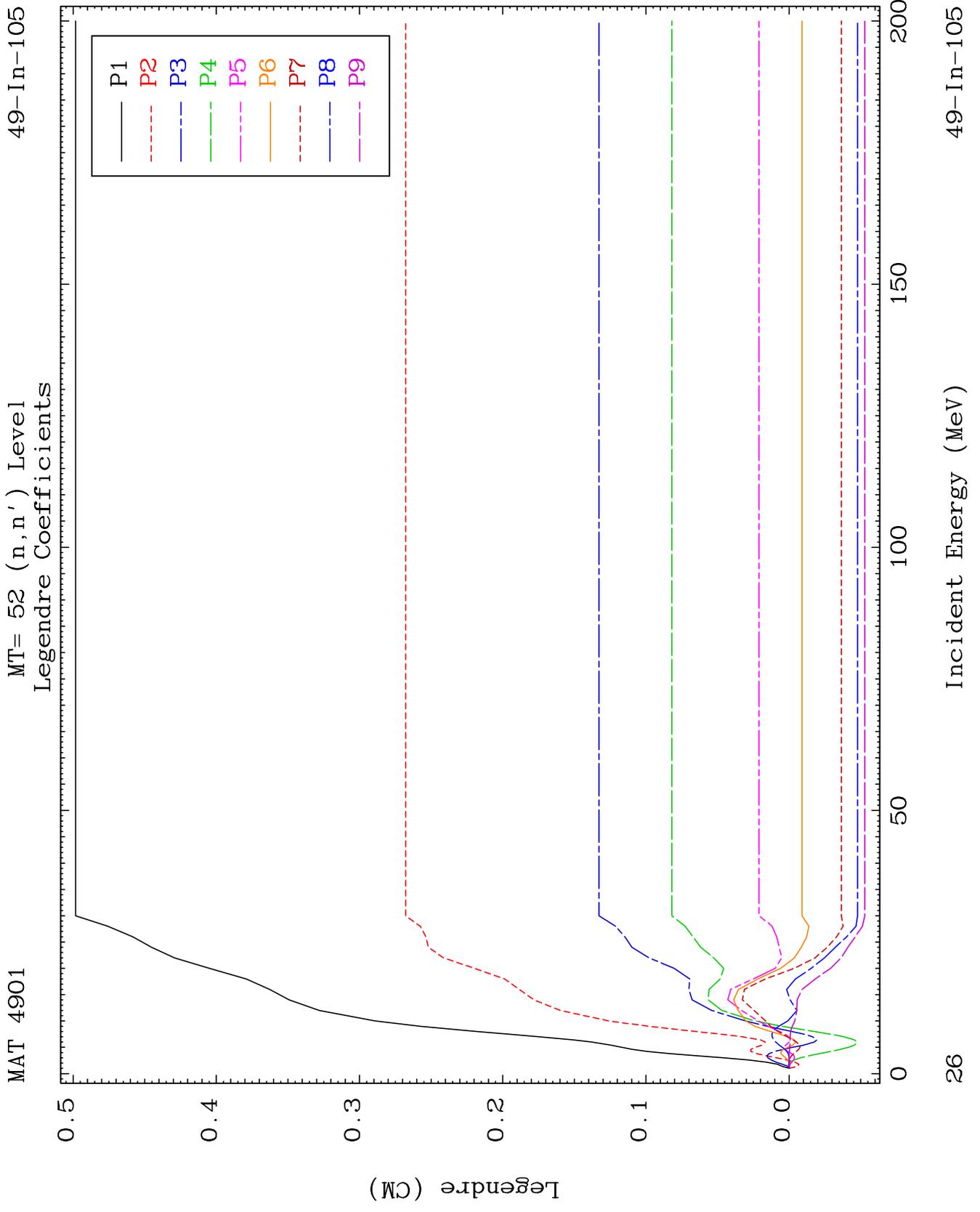


22

Incident Energy (MeV)

49-In-105

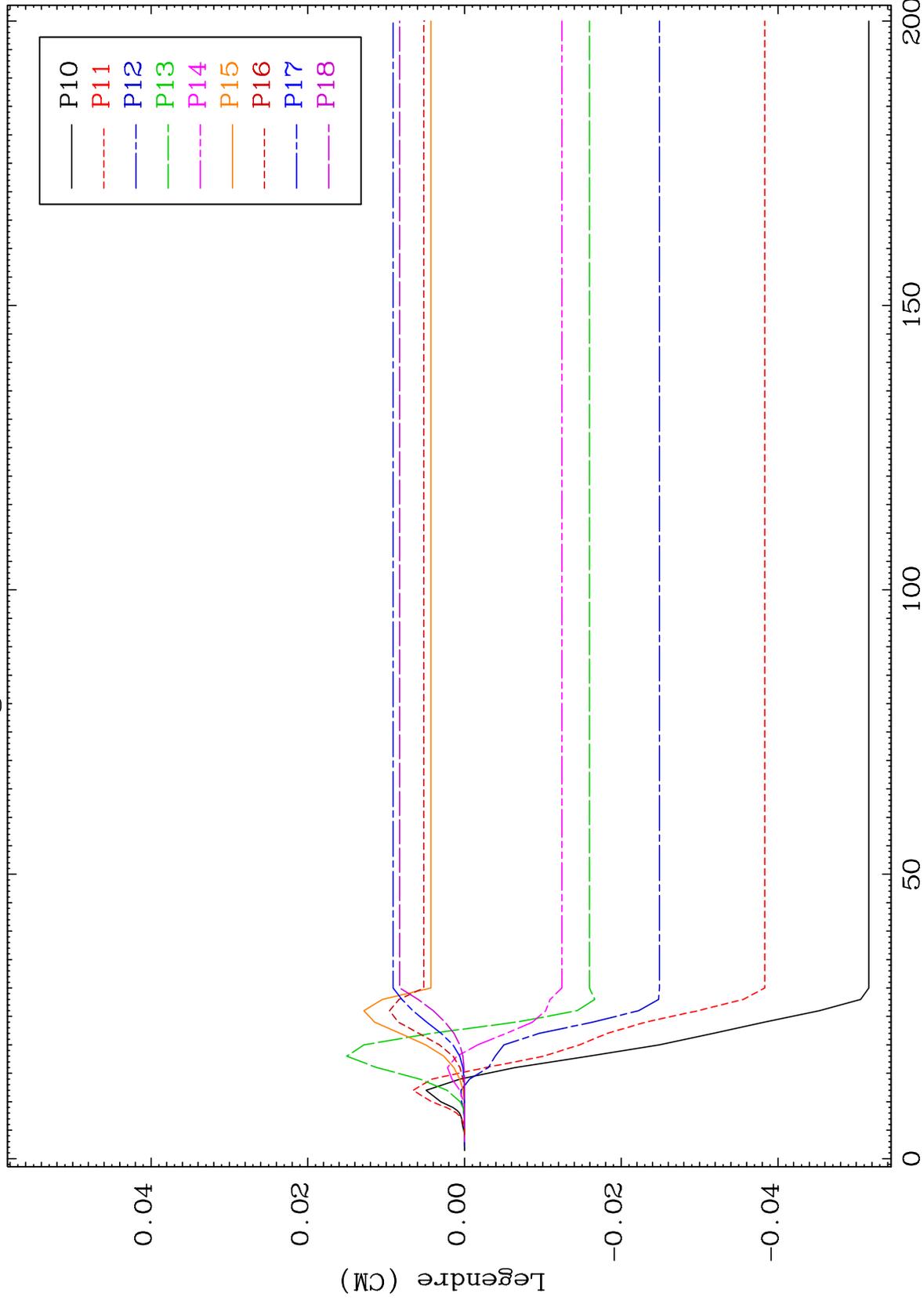




MAT 4901

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

49-In-105



27

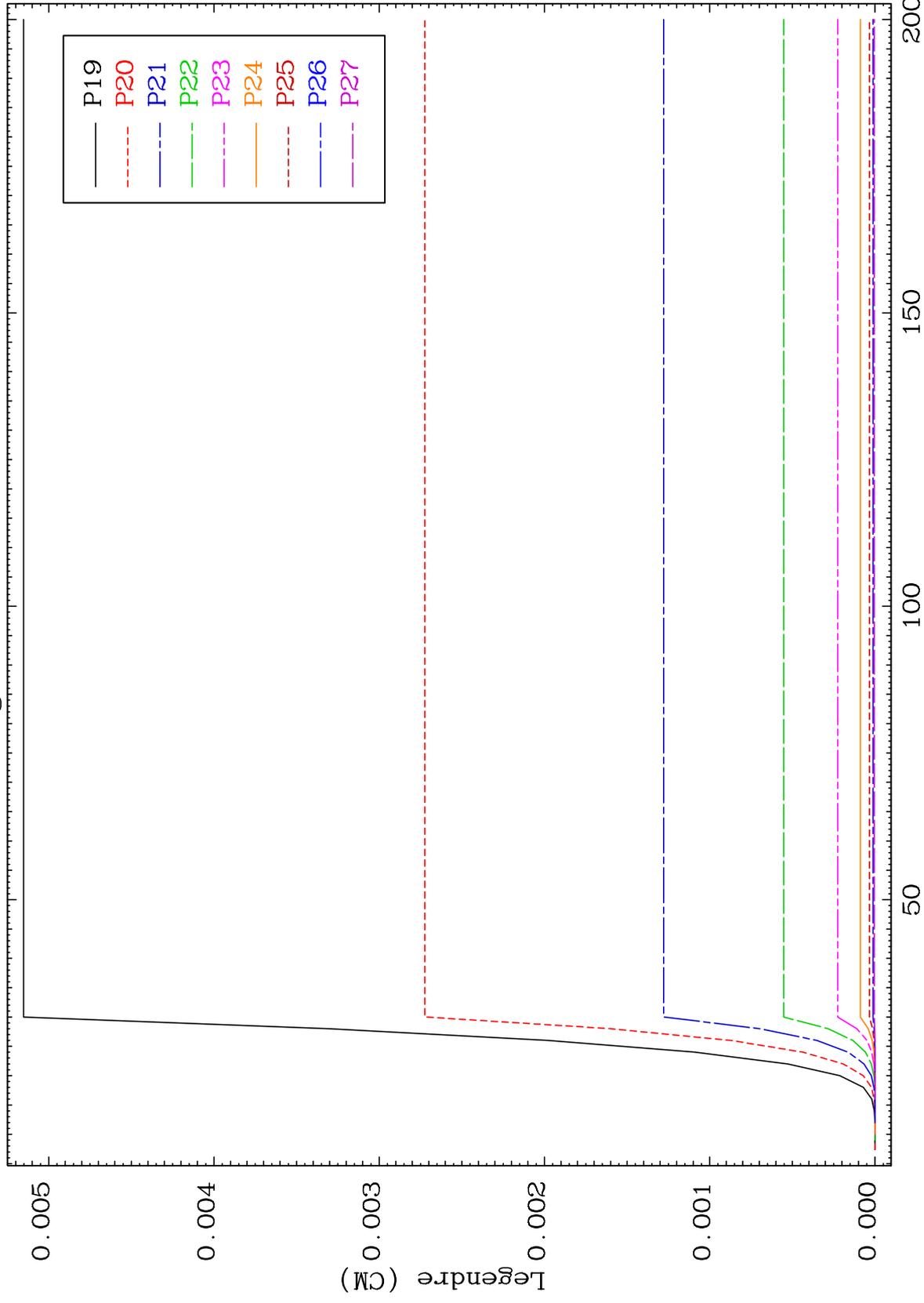
Incident Energy (MeV)

49-In-105

MAT 4901

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

49-In-105



28

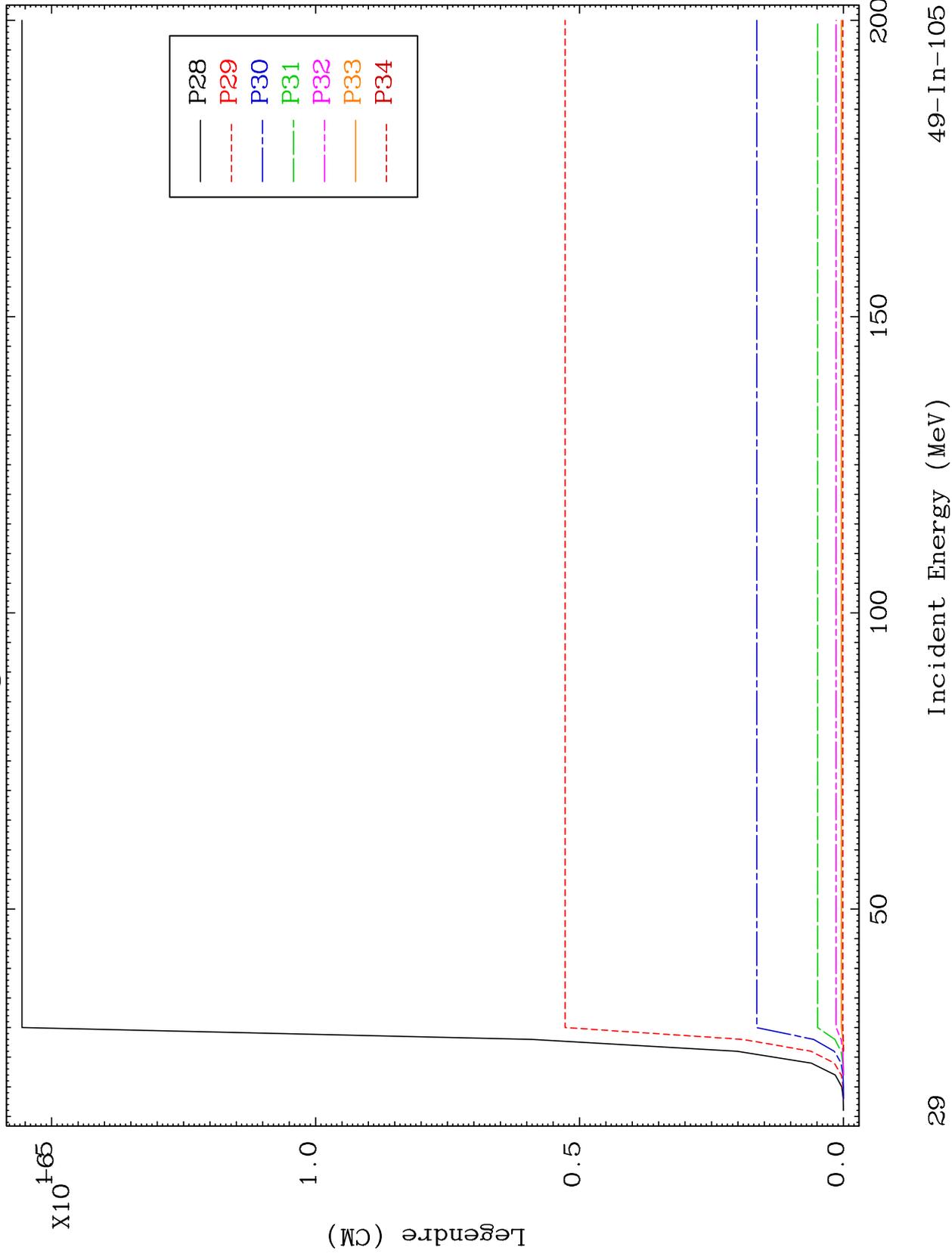
Incident Energy (MeV)

49-In-105

MAT 4901

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

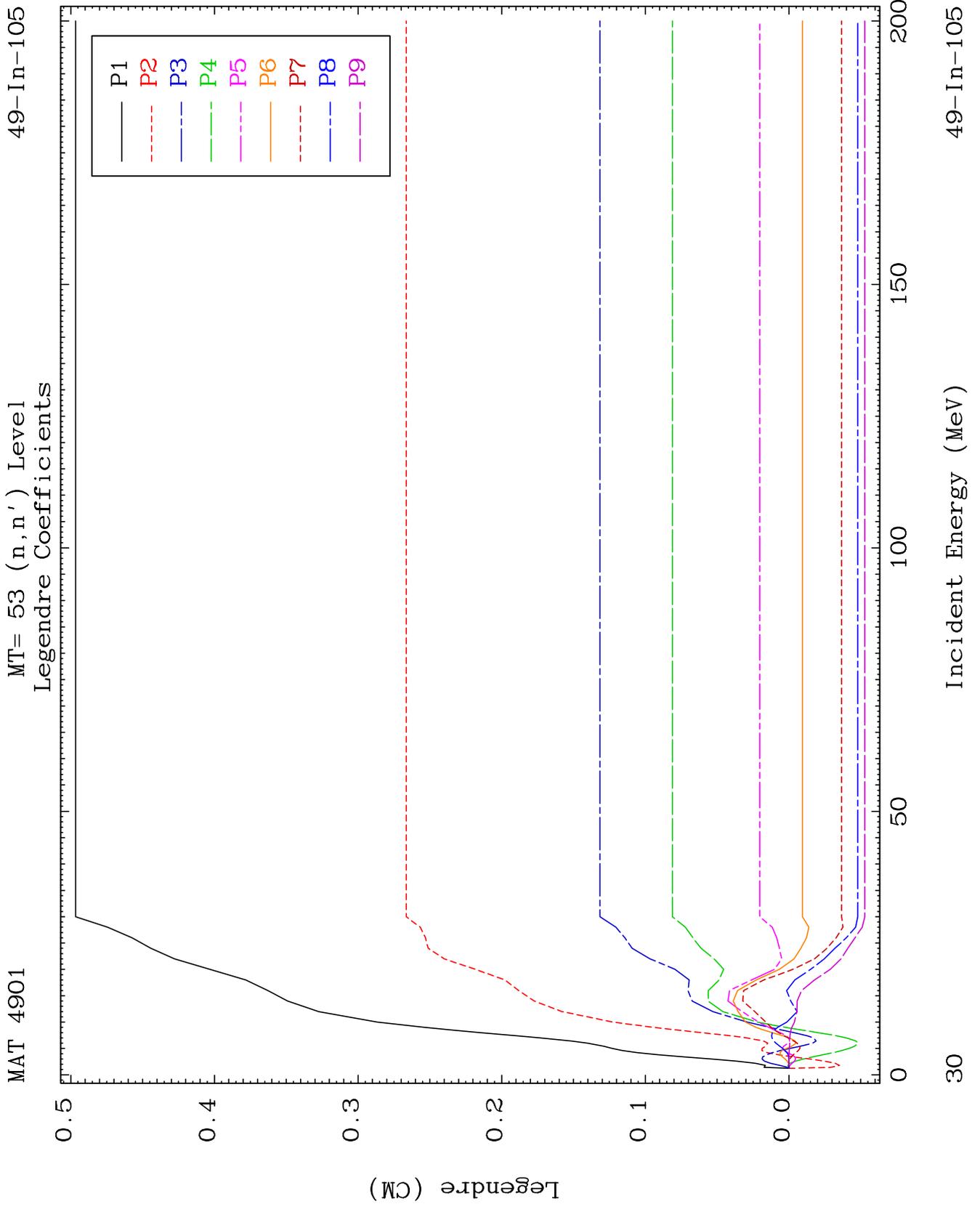
49-In-105



29

Incident Energy (MeV)

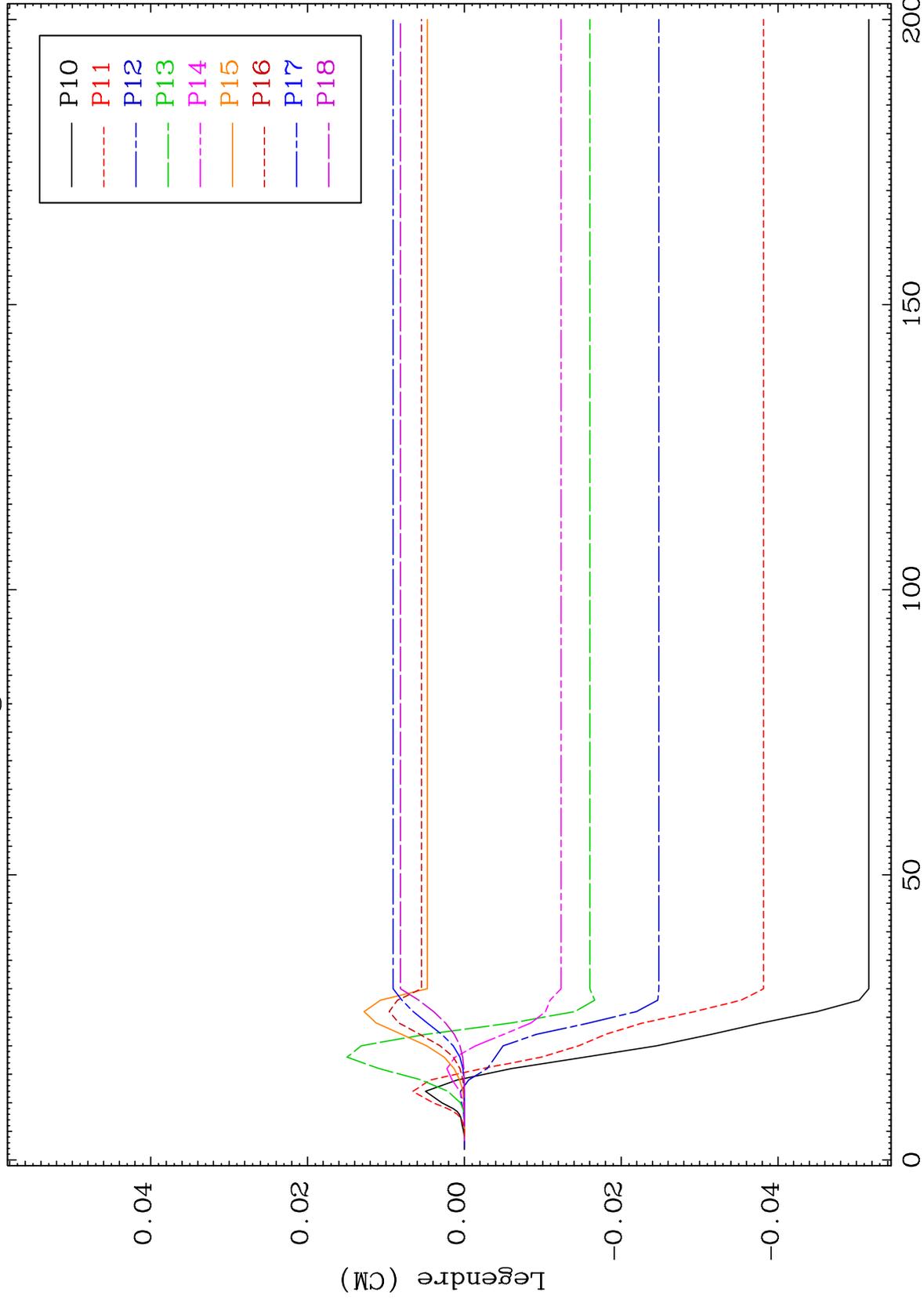
49-In-105



MAT 4901

MT= 53 (n,n') Level
Legendre Coefficients

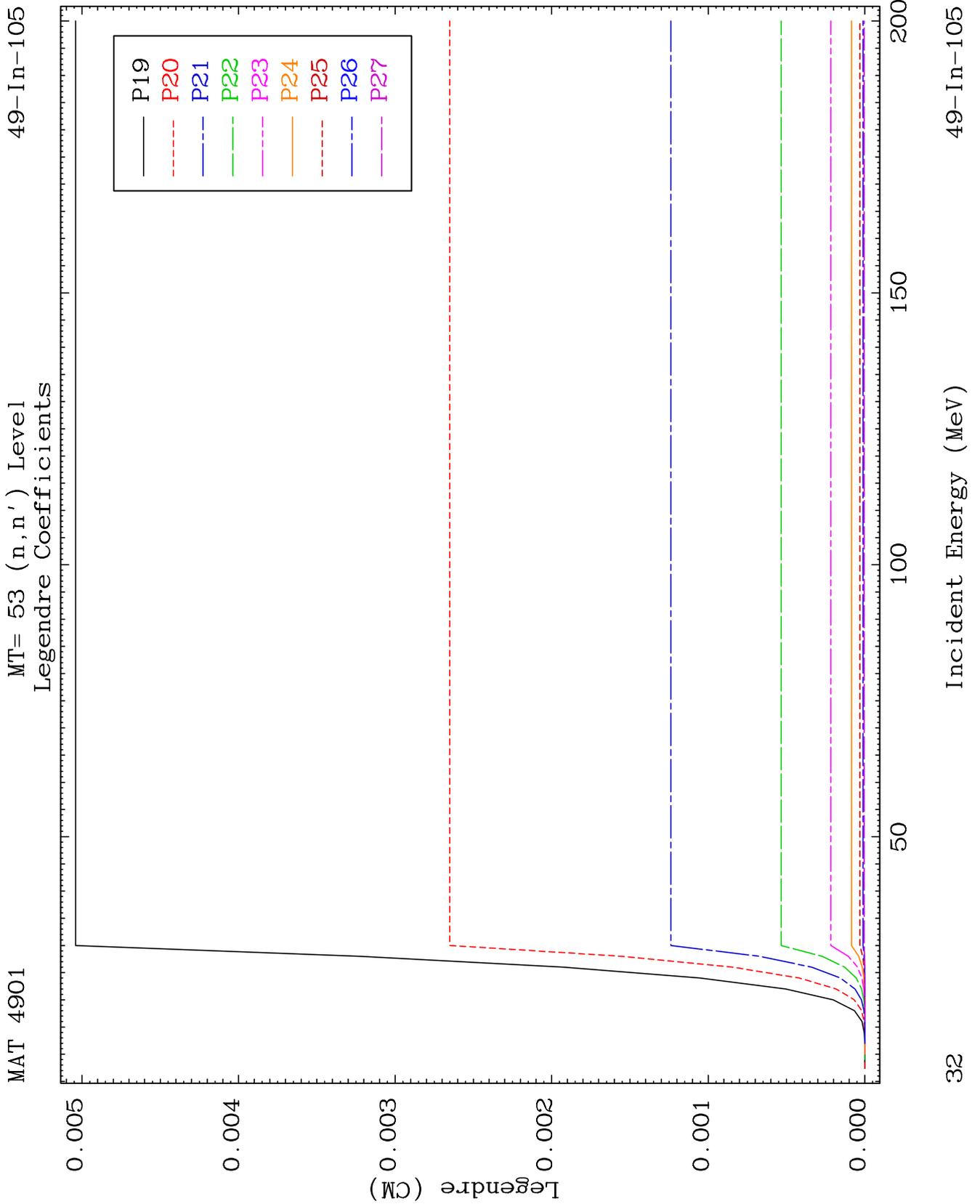
49-In-105

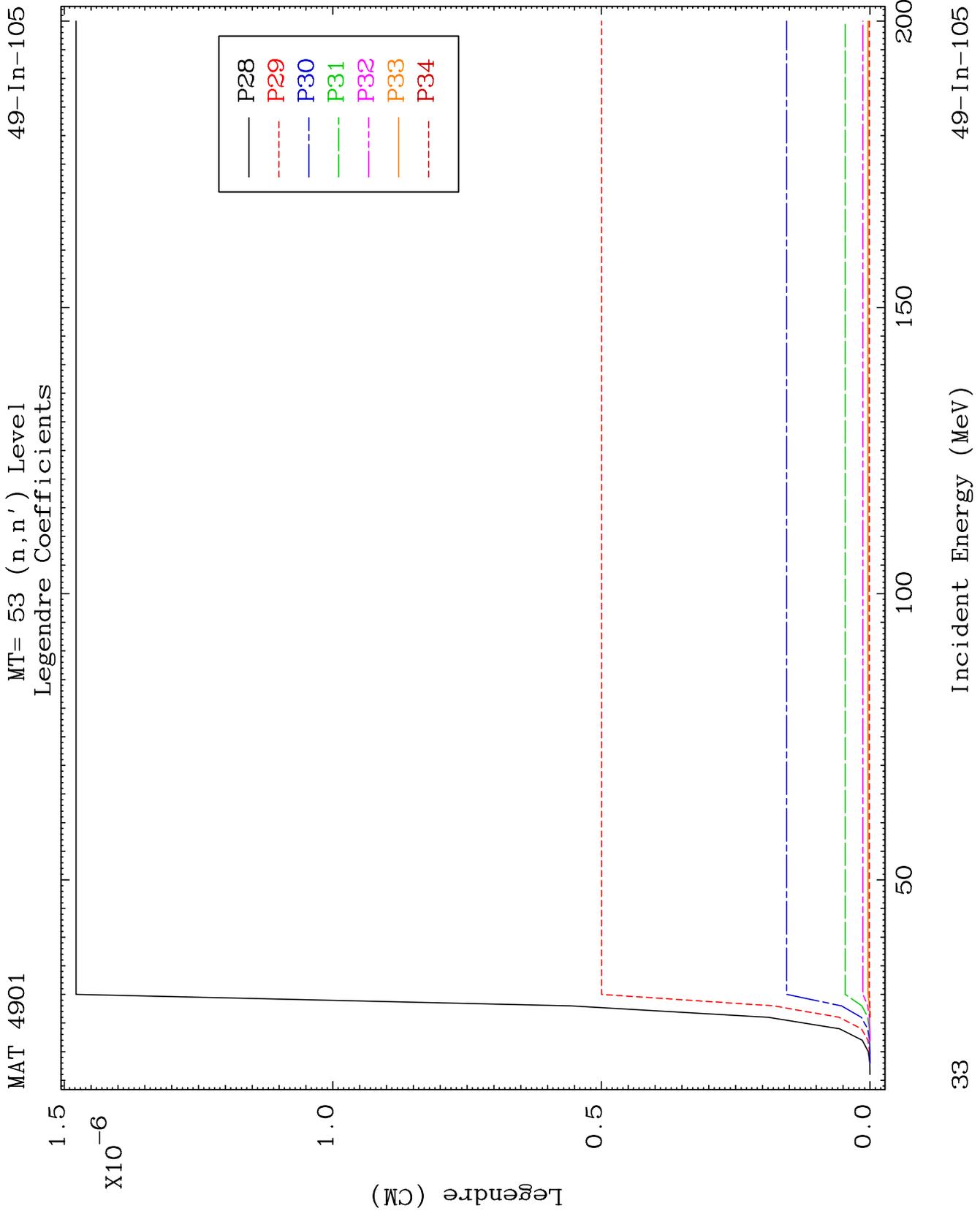


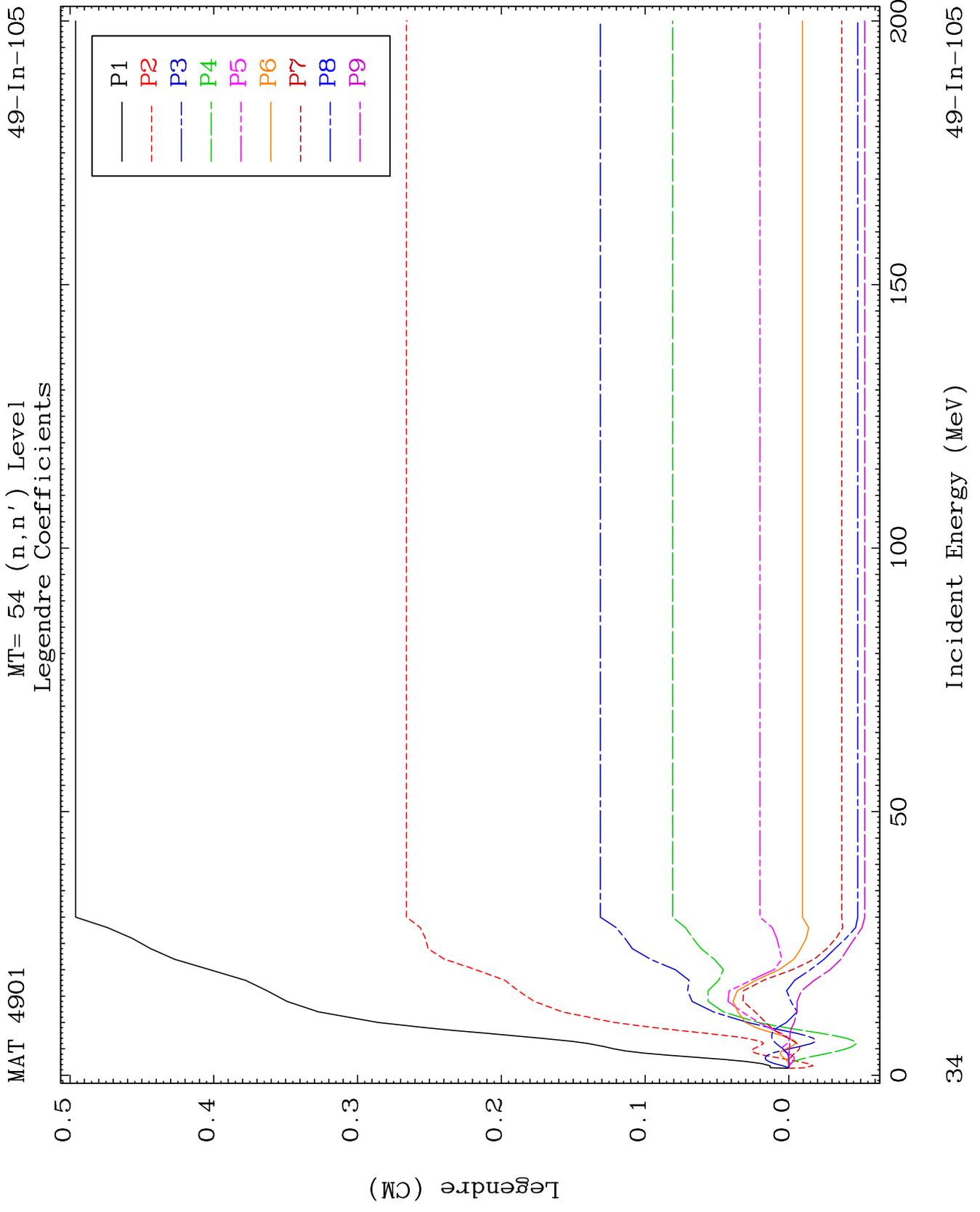
31

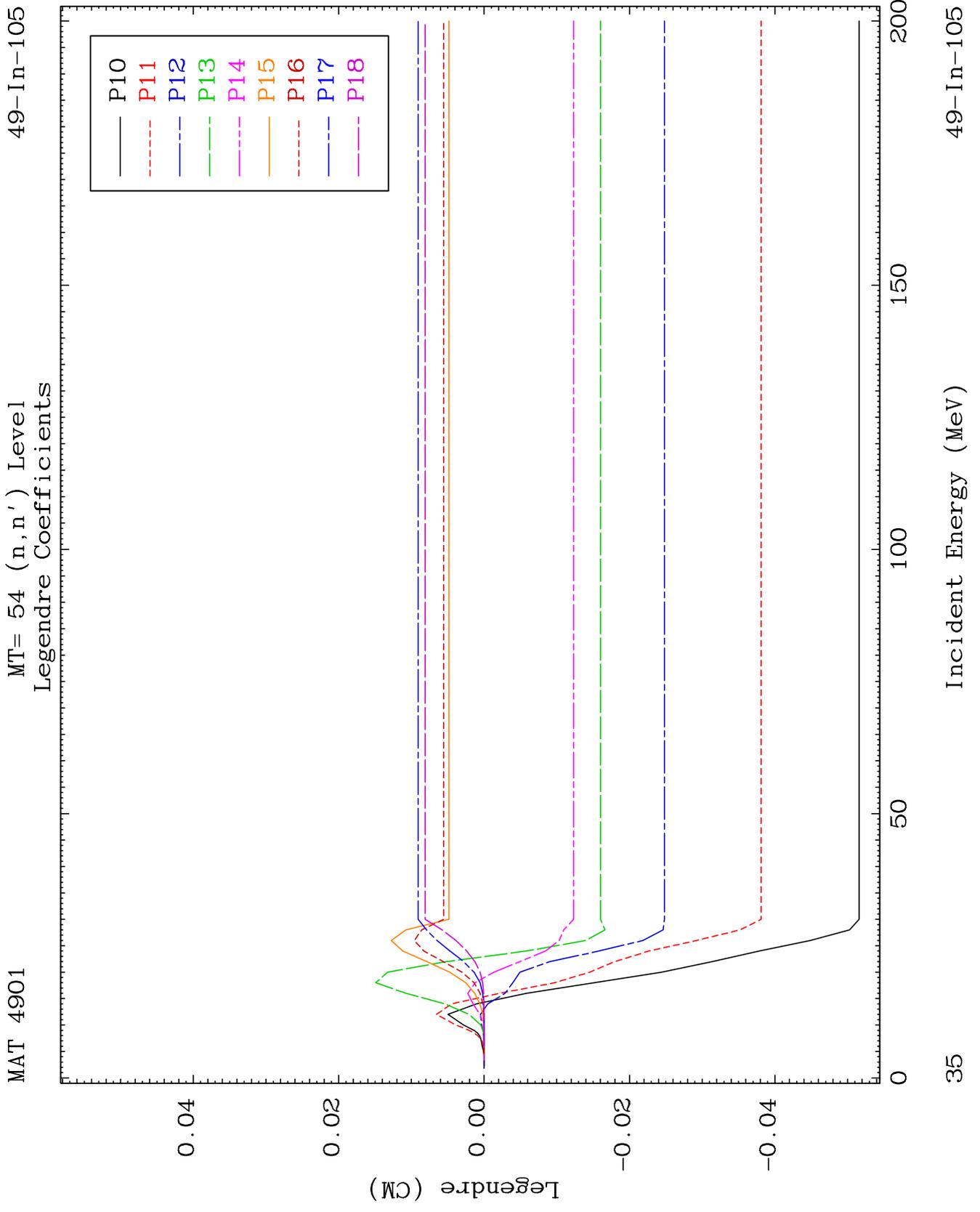
Incident Energy (MeV)

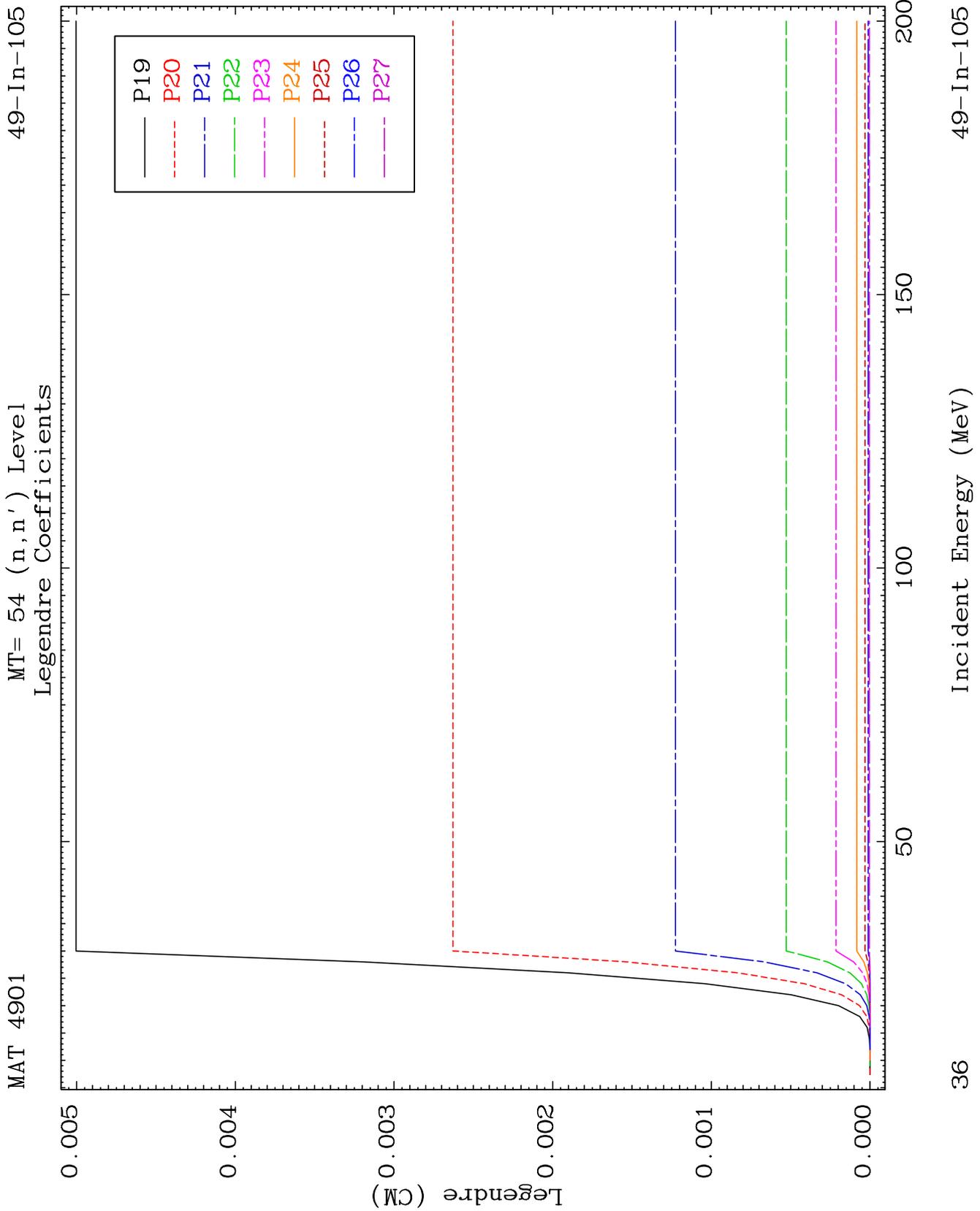
49-In-105







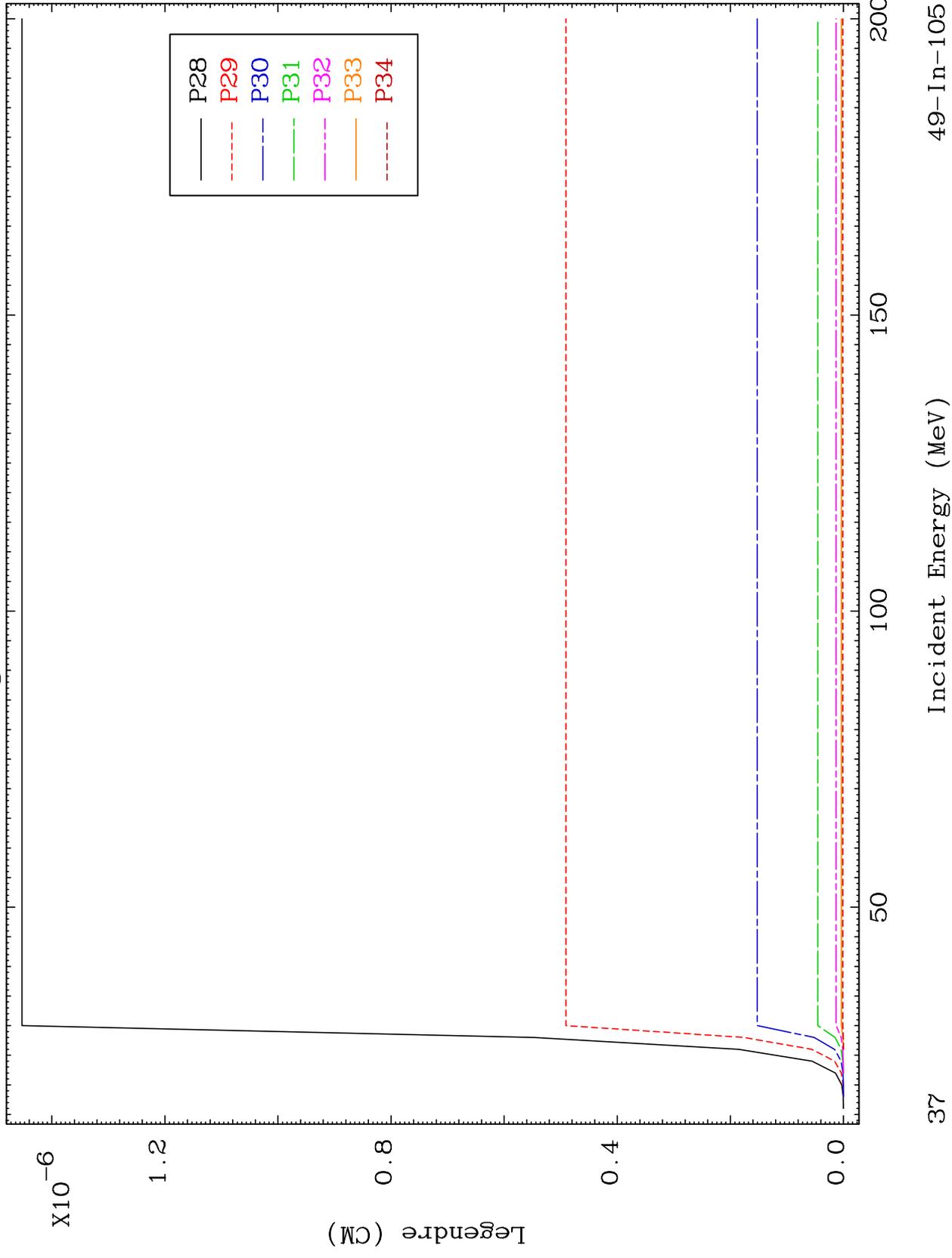




MAT 4901

MT= 54 (n,n') Level
Legendre Coefficients

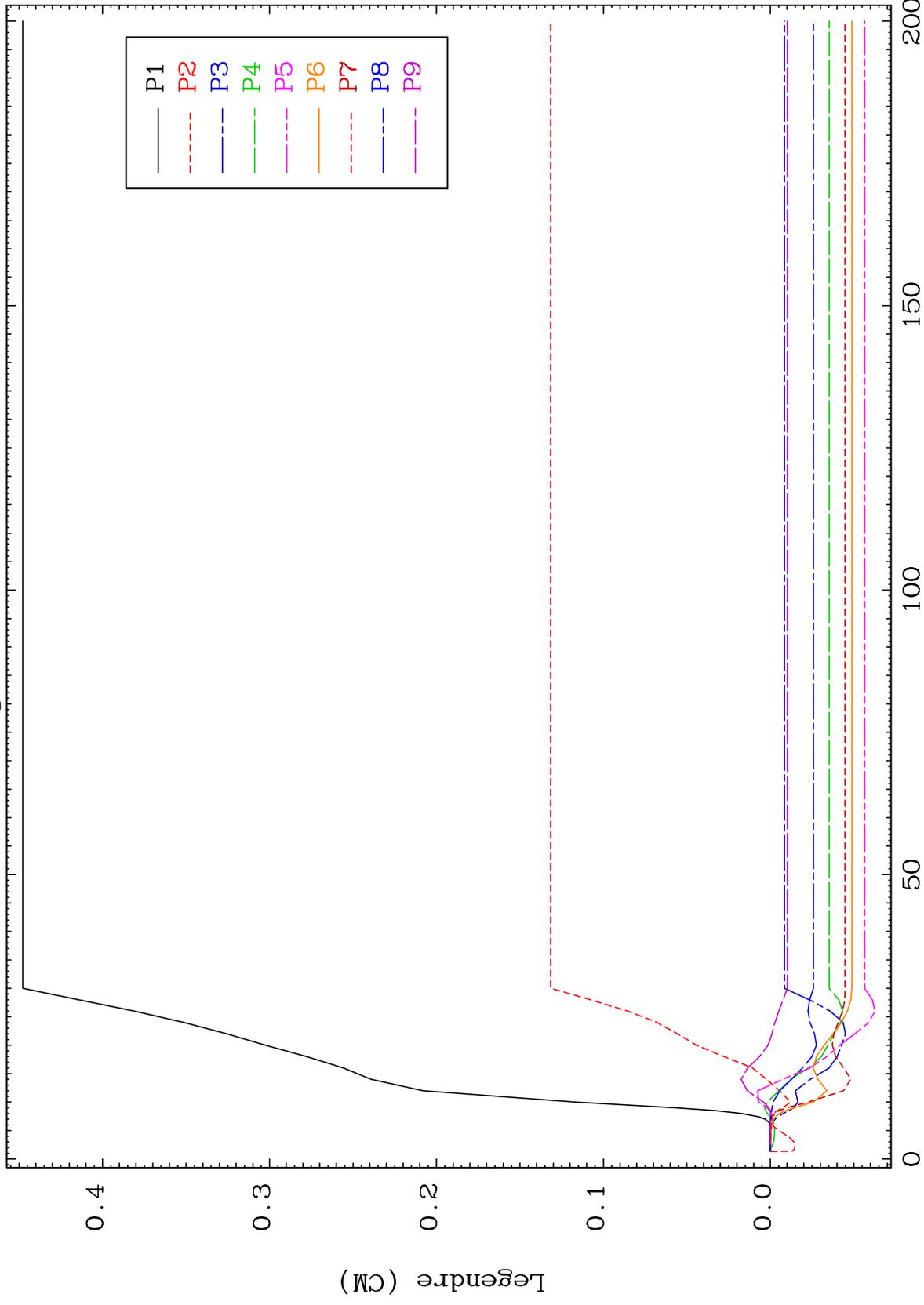
49-In-105



MAT 4901

MT= 55 (n,n') Level
Legendre Coefficients

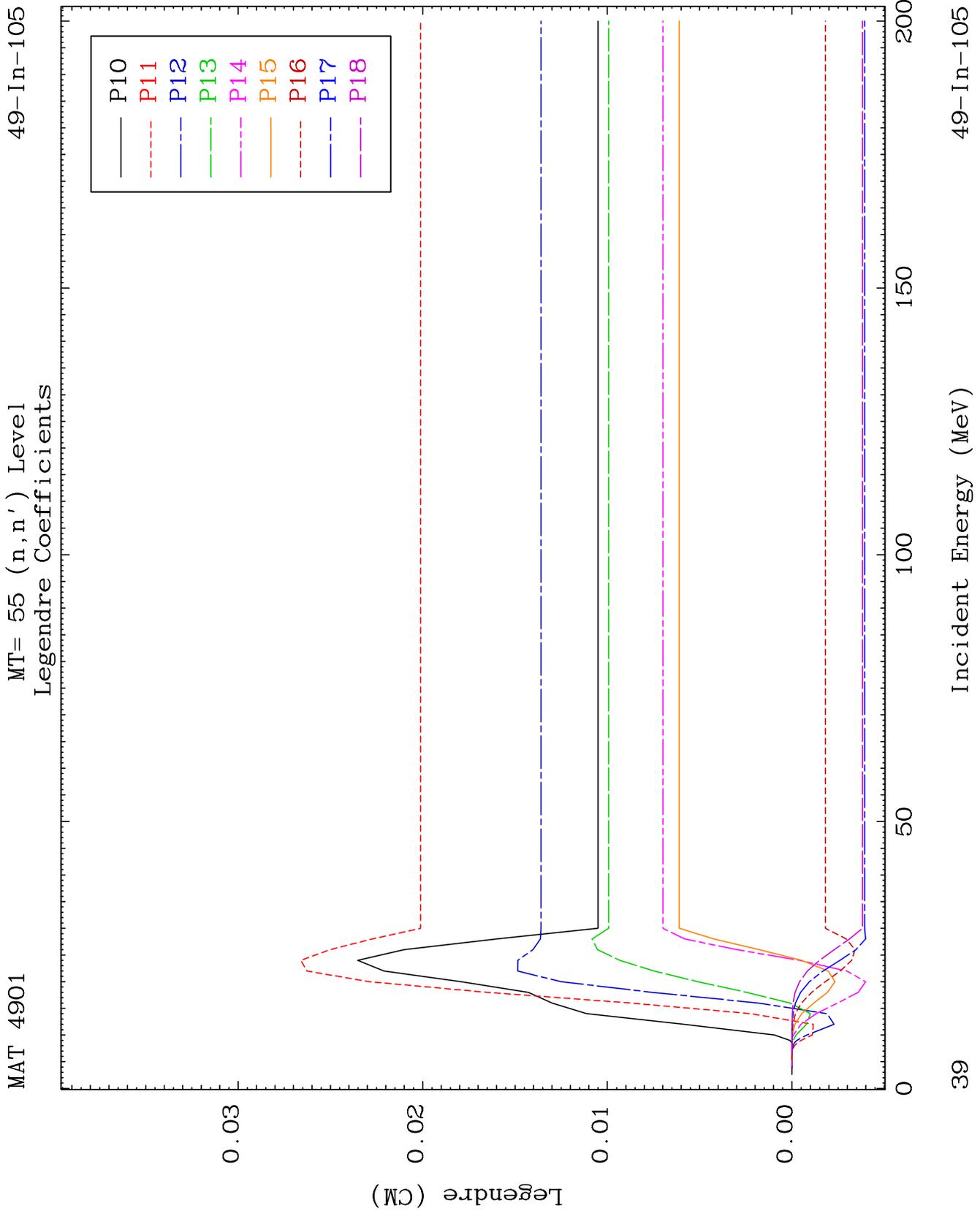
49-In-105

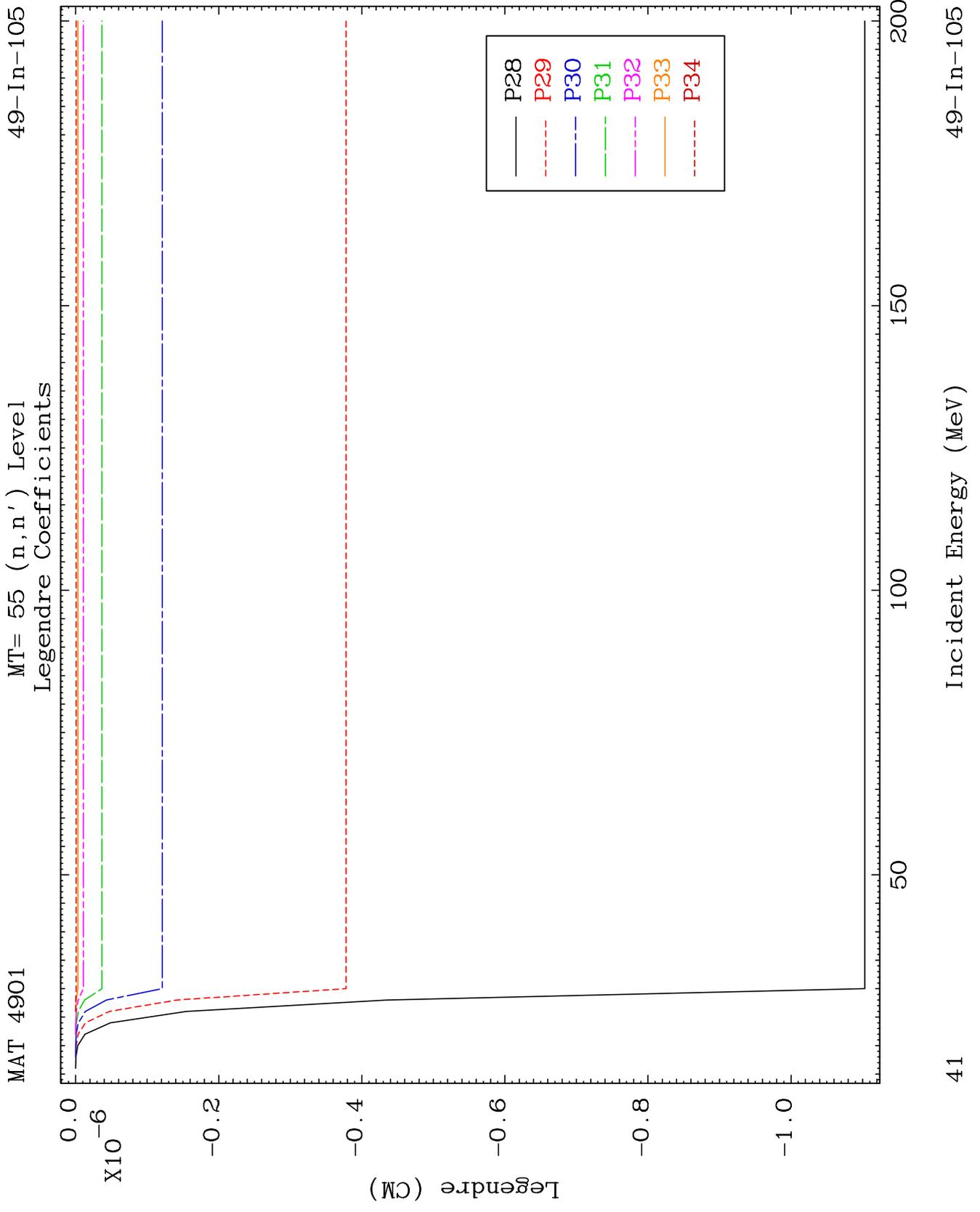


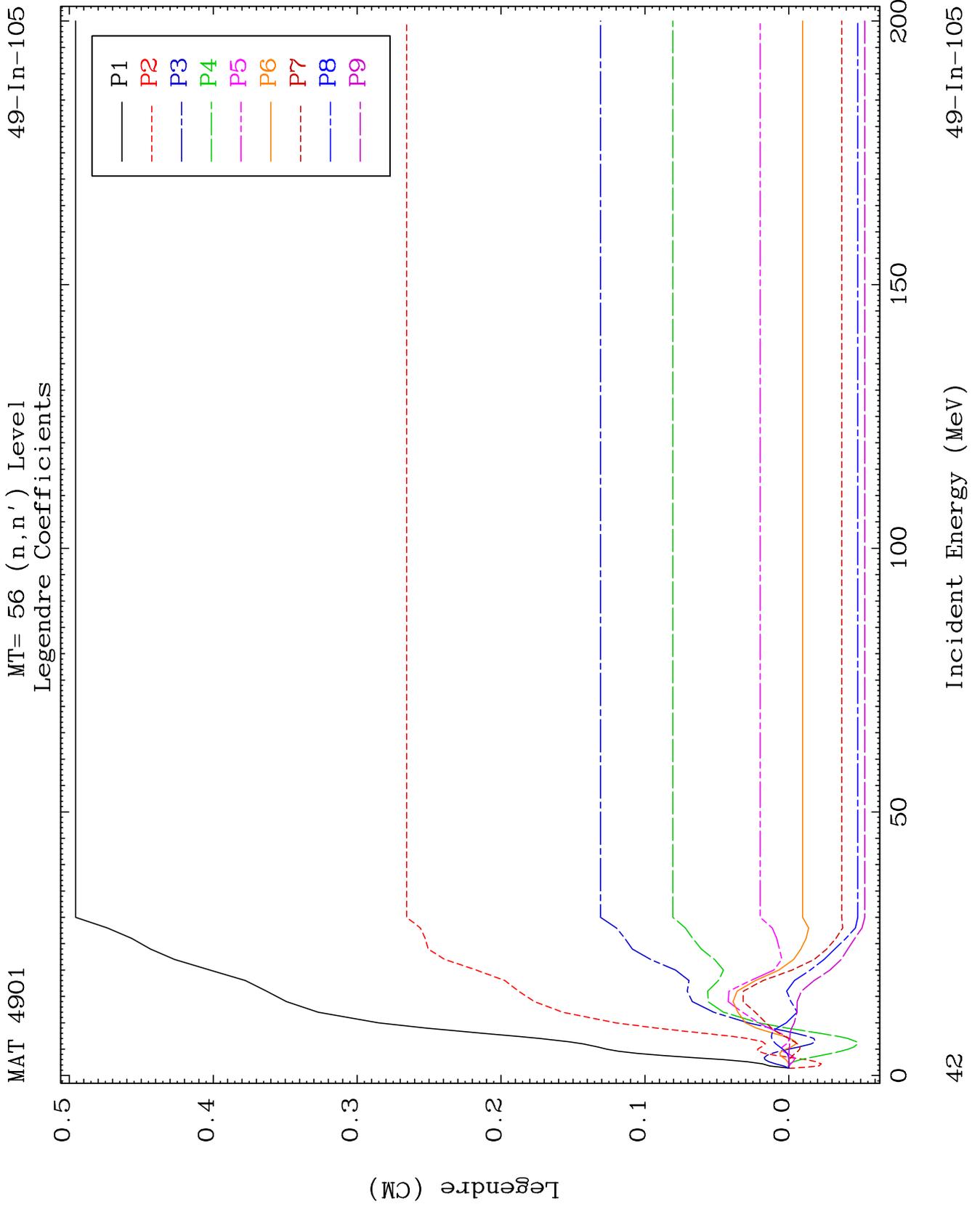
38

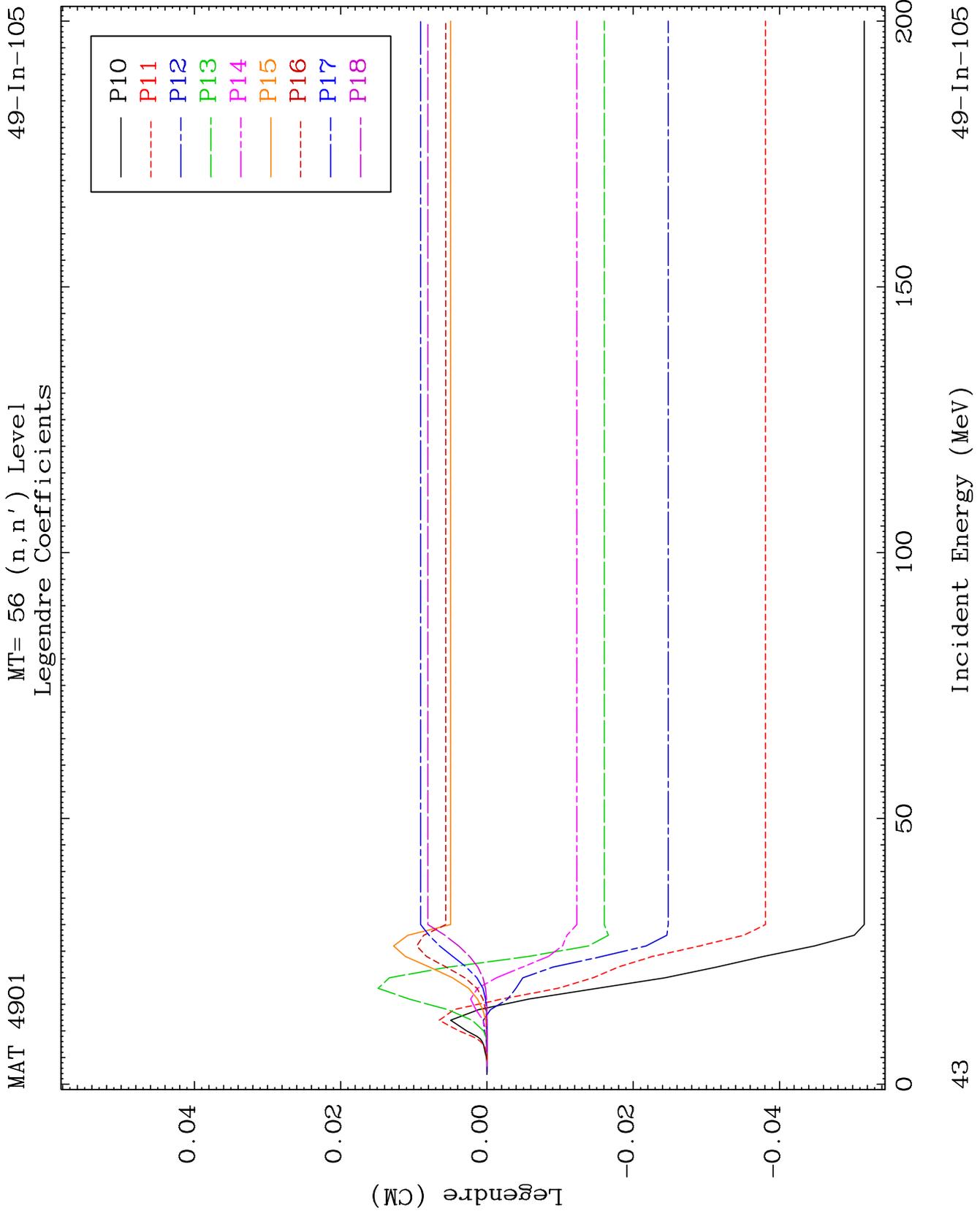
Incident Energy (MeV)

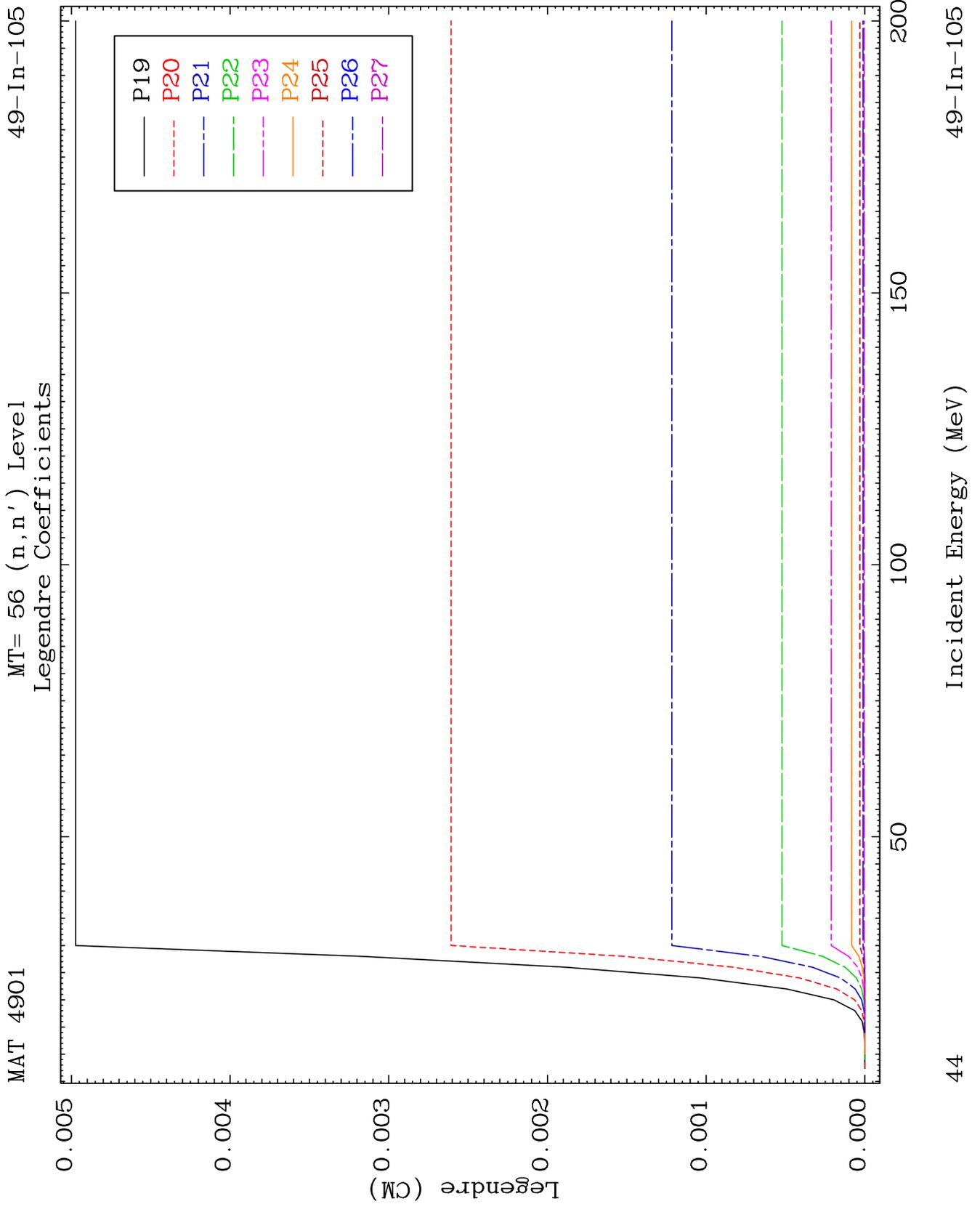
49-In-105

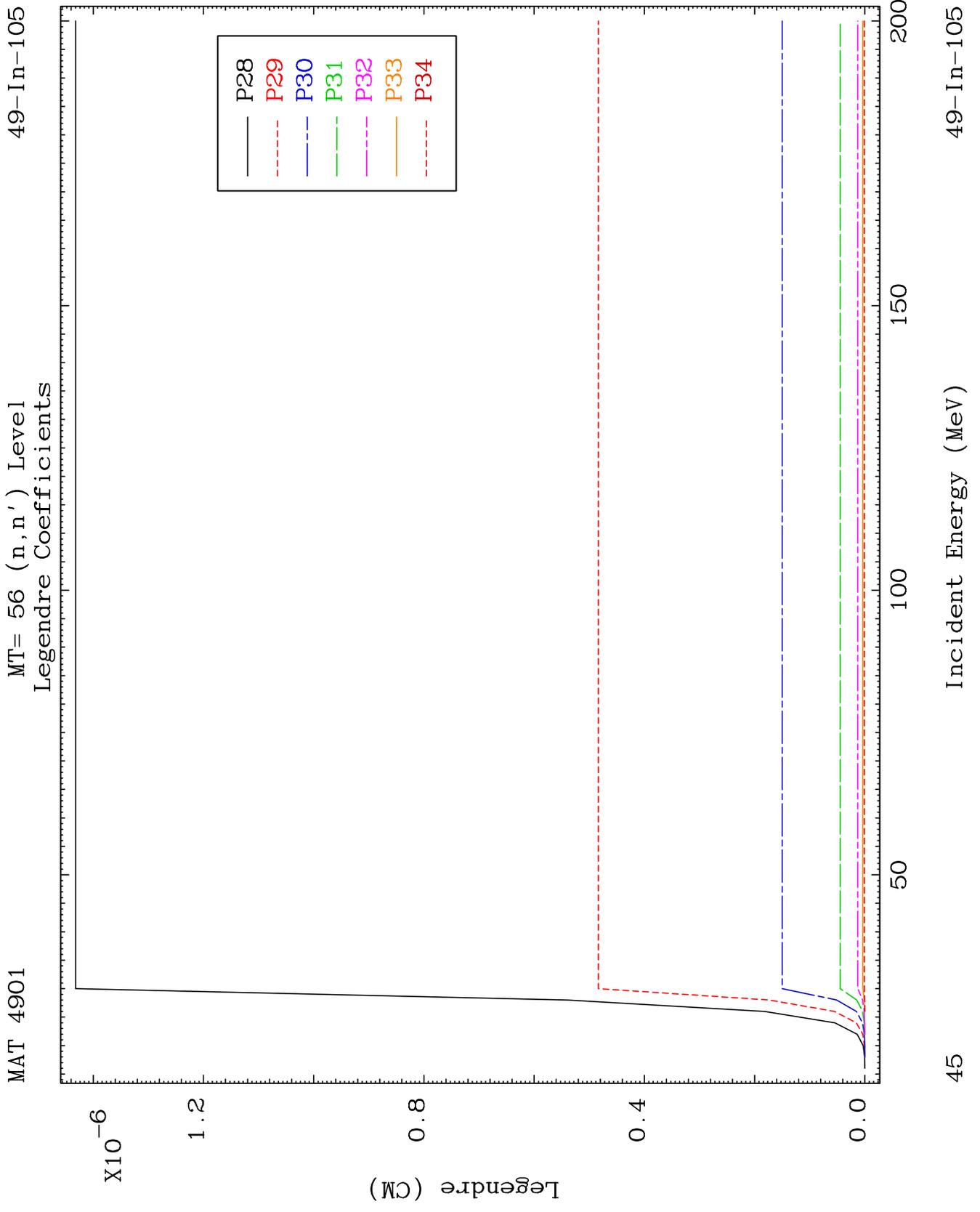








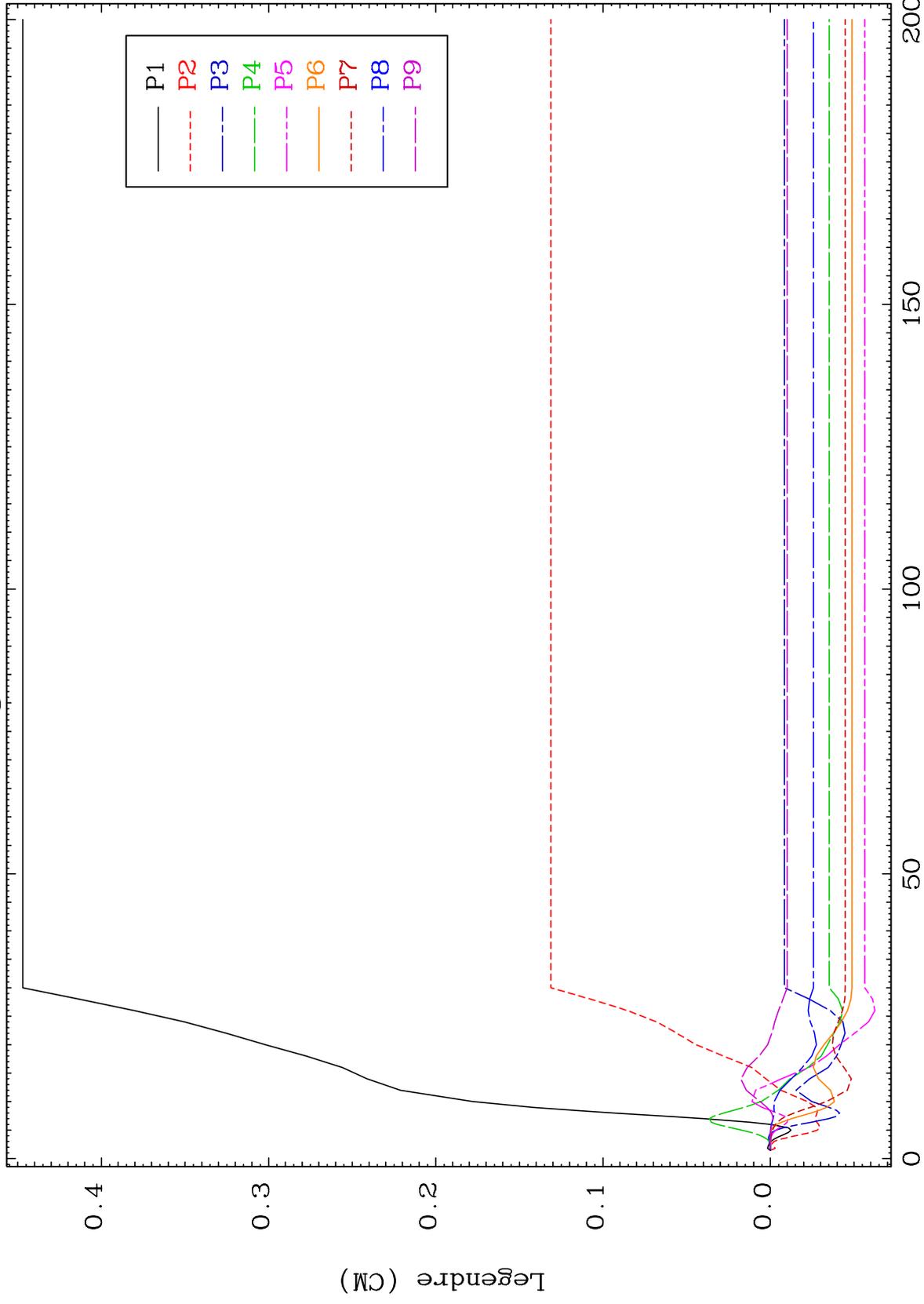




MAT 4901

MT= 57 (n,n') Level
Legendre Coefficients

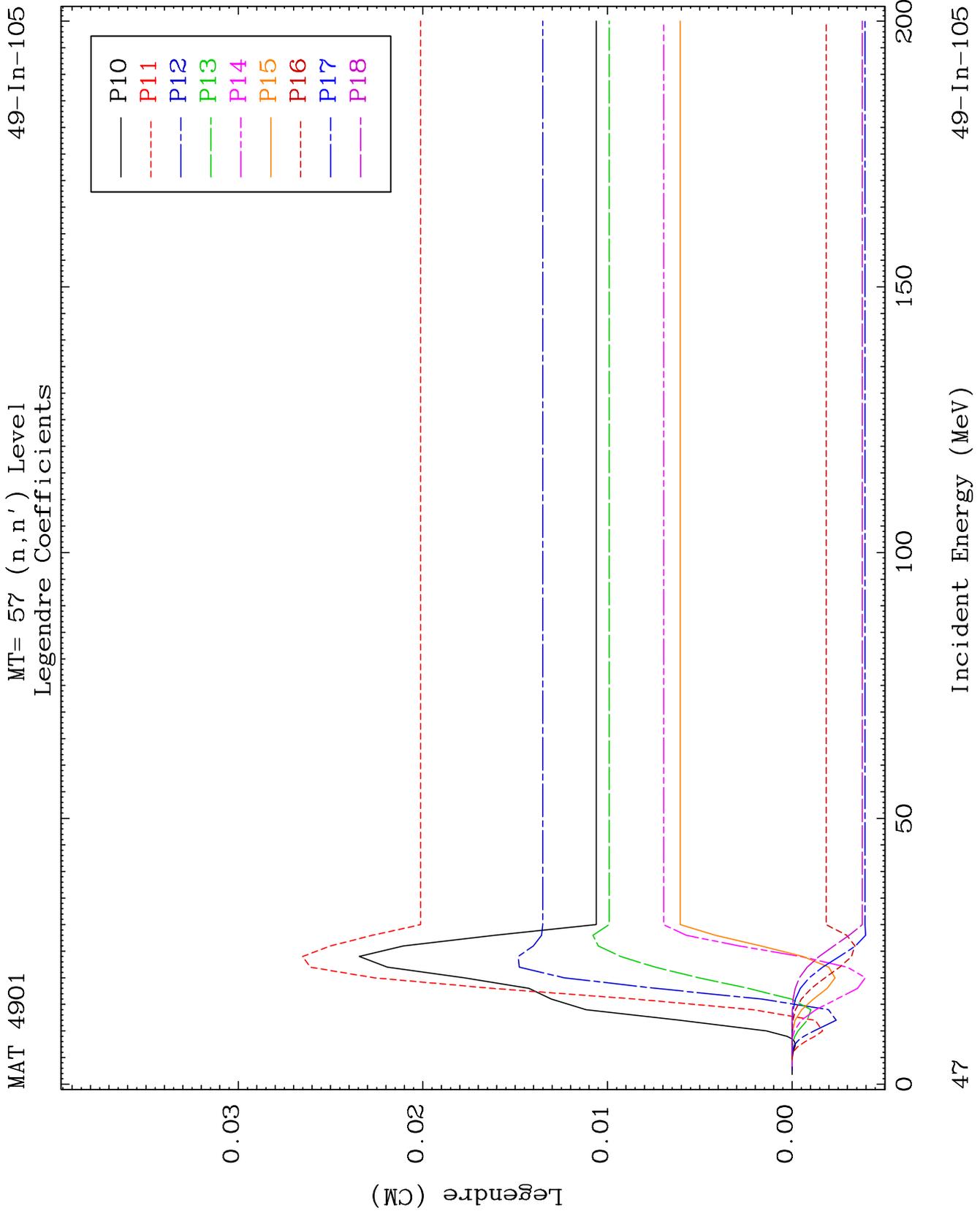
49-In-105

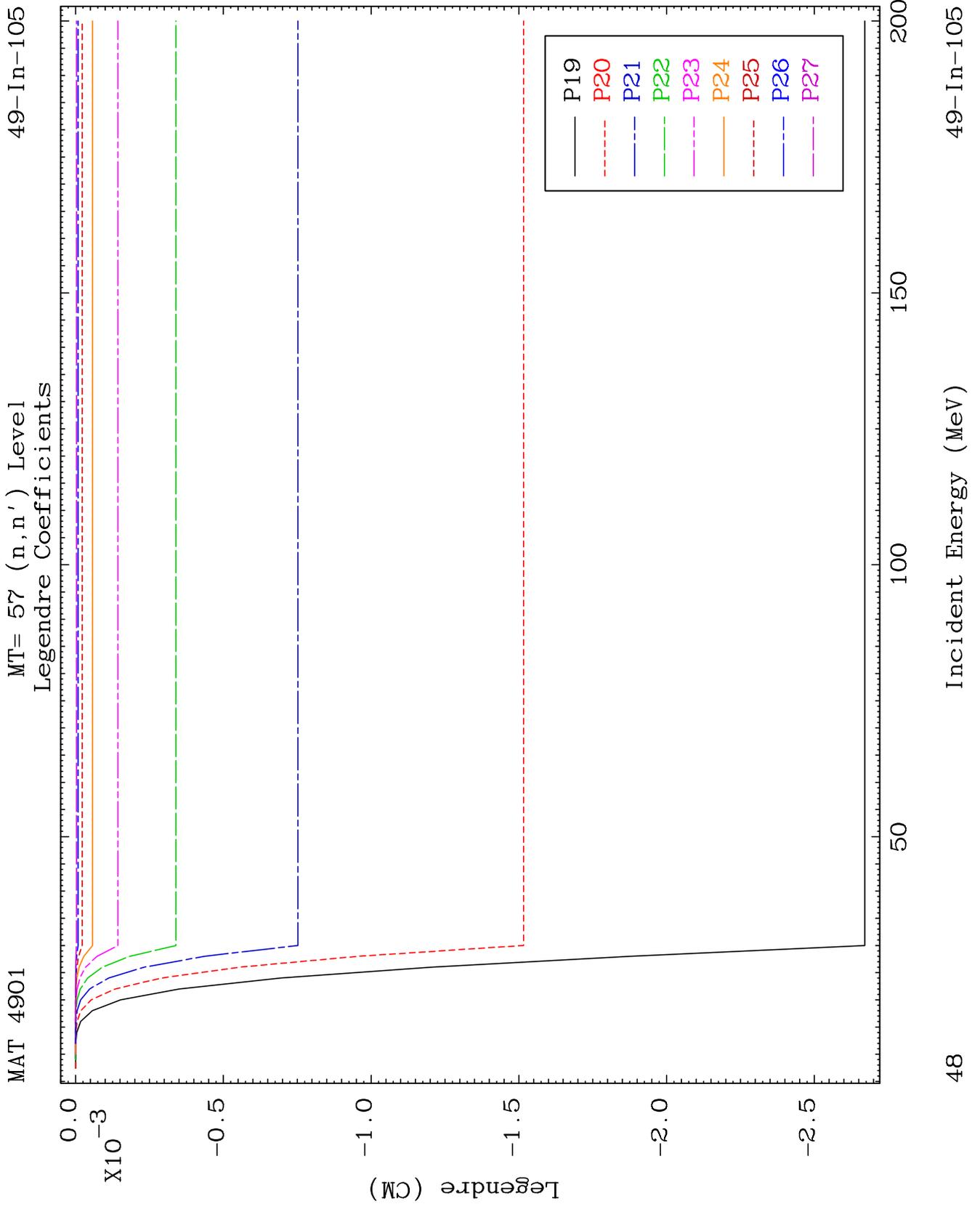


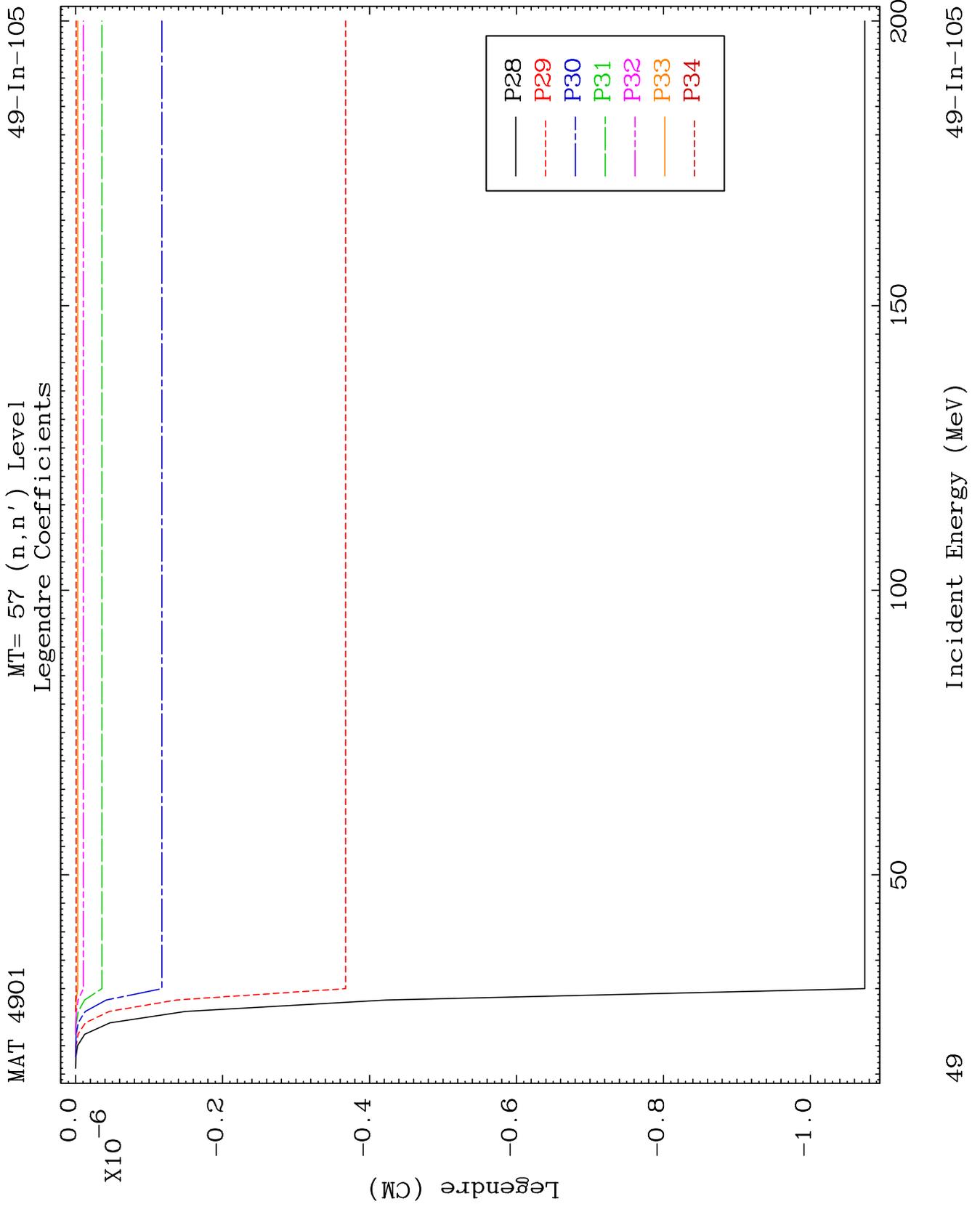
46

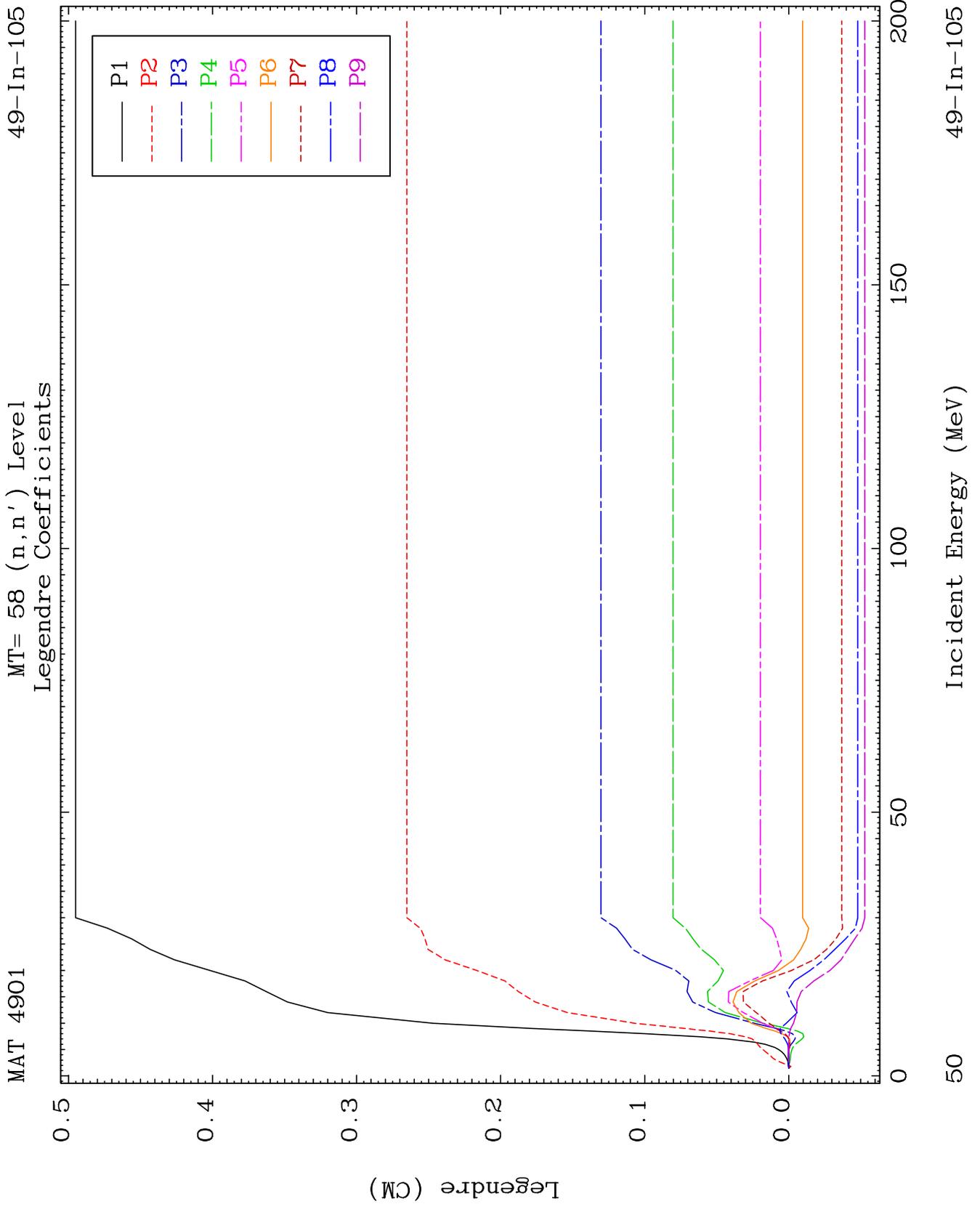
Incident Energy (MeV)

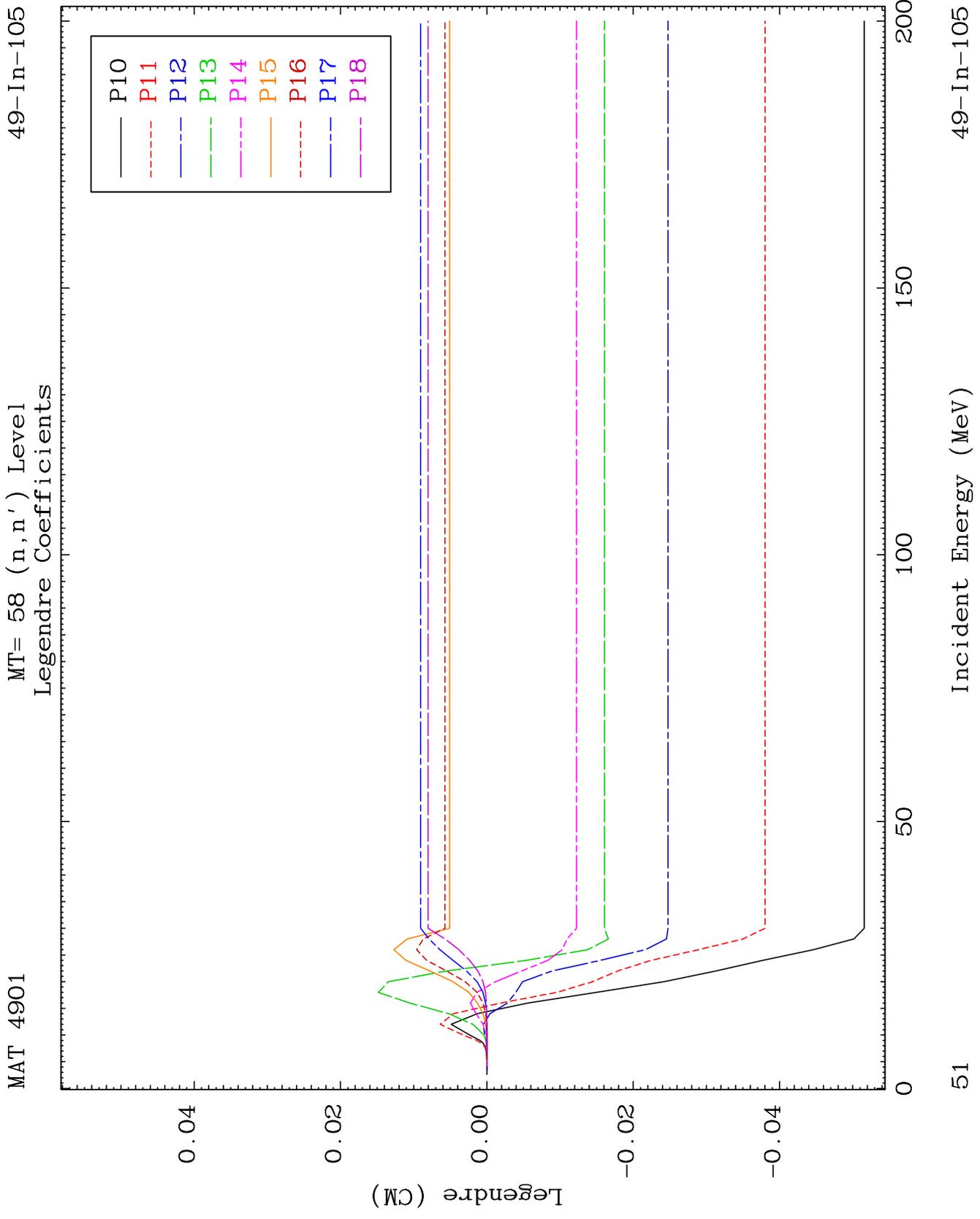
49-In-105

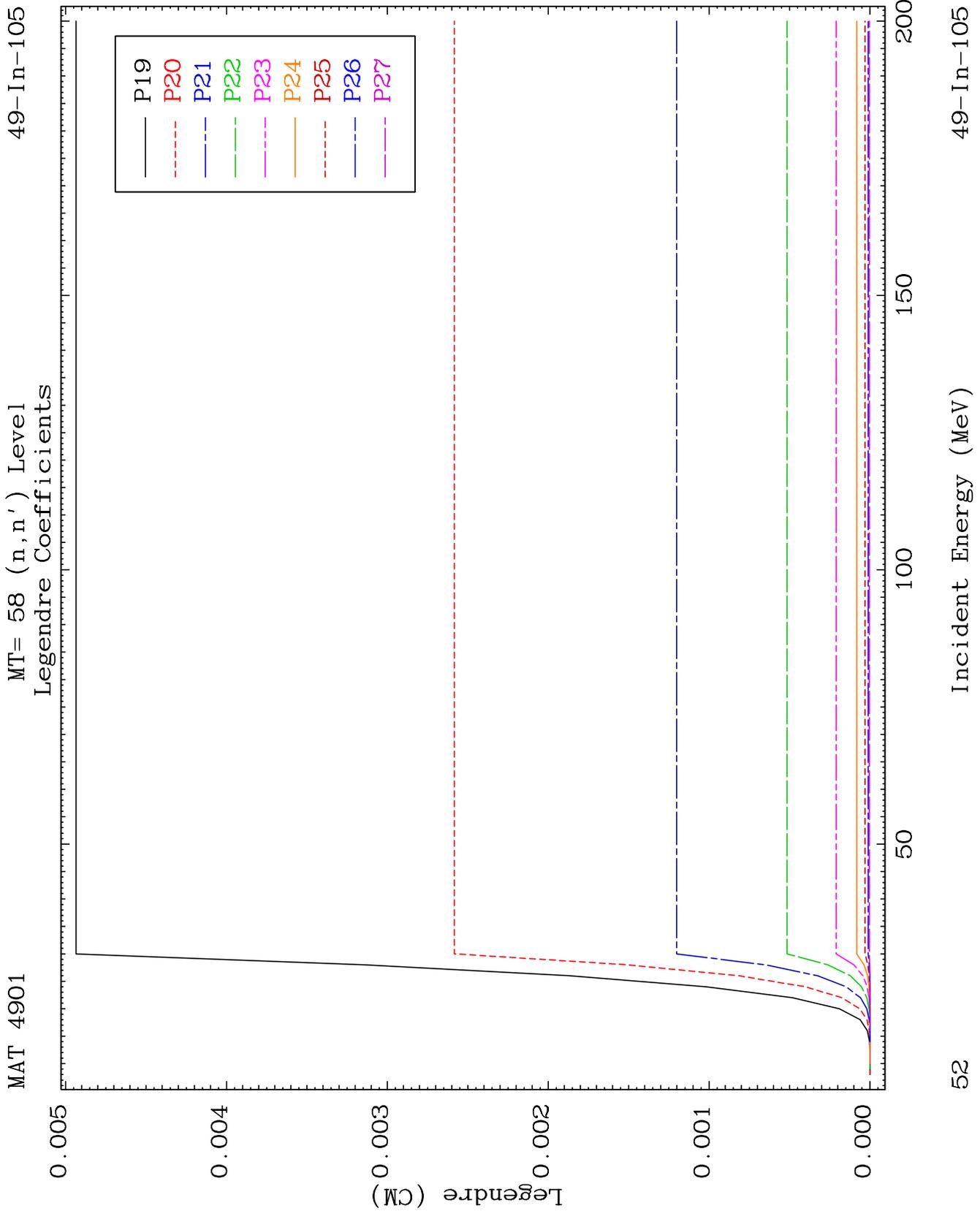








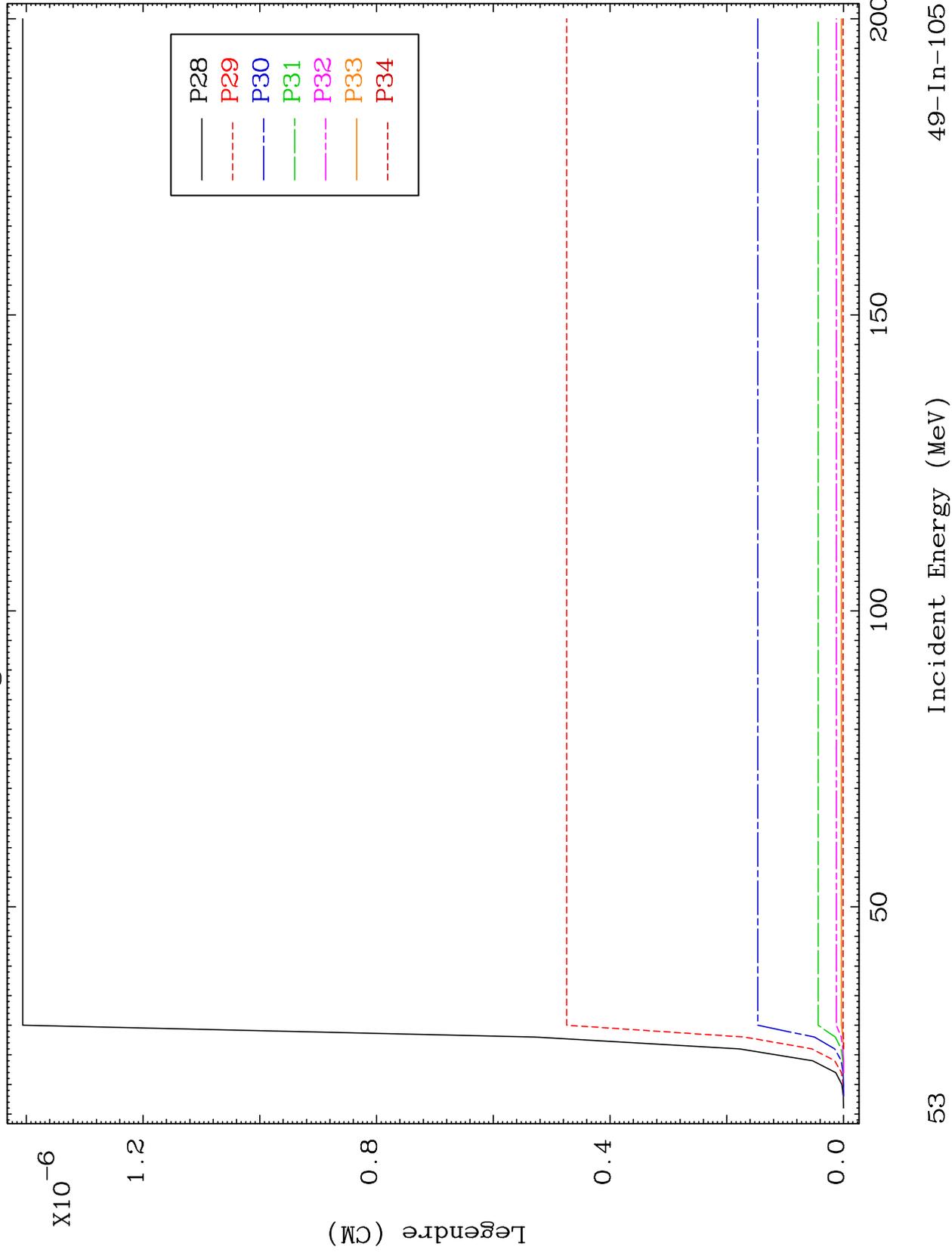




MAT 4901

MT= 58 (n,n') Level
Legendre Coefficients

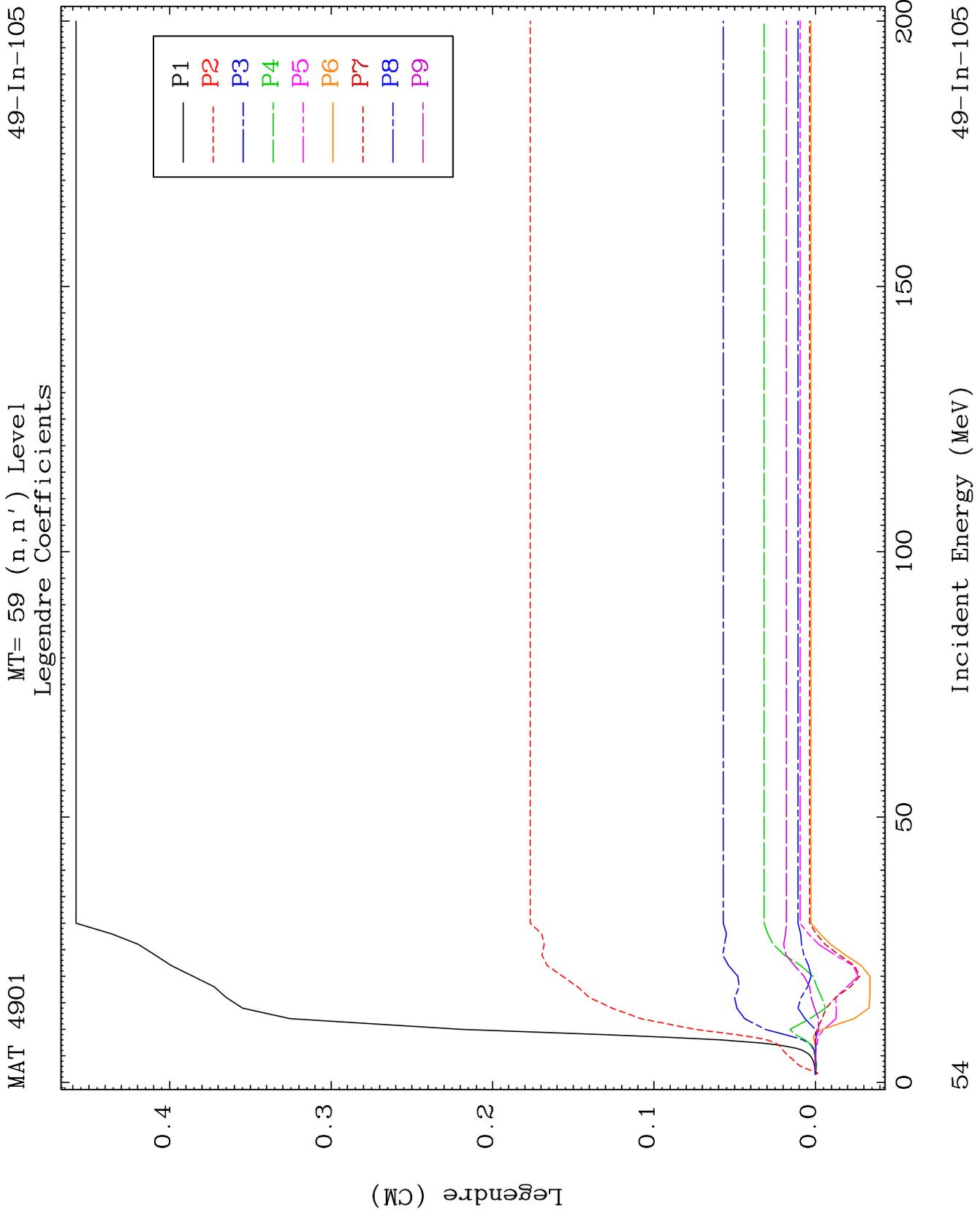
49-In-105

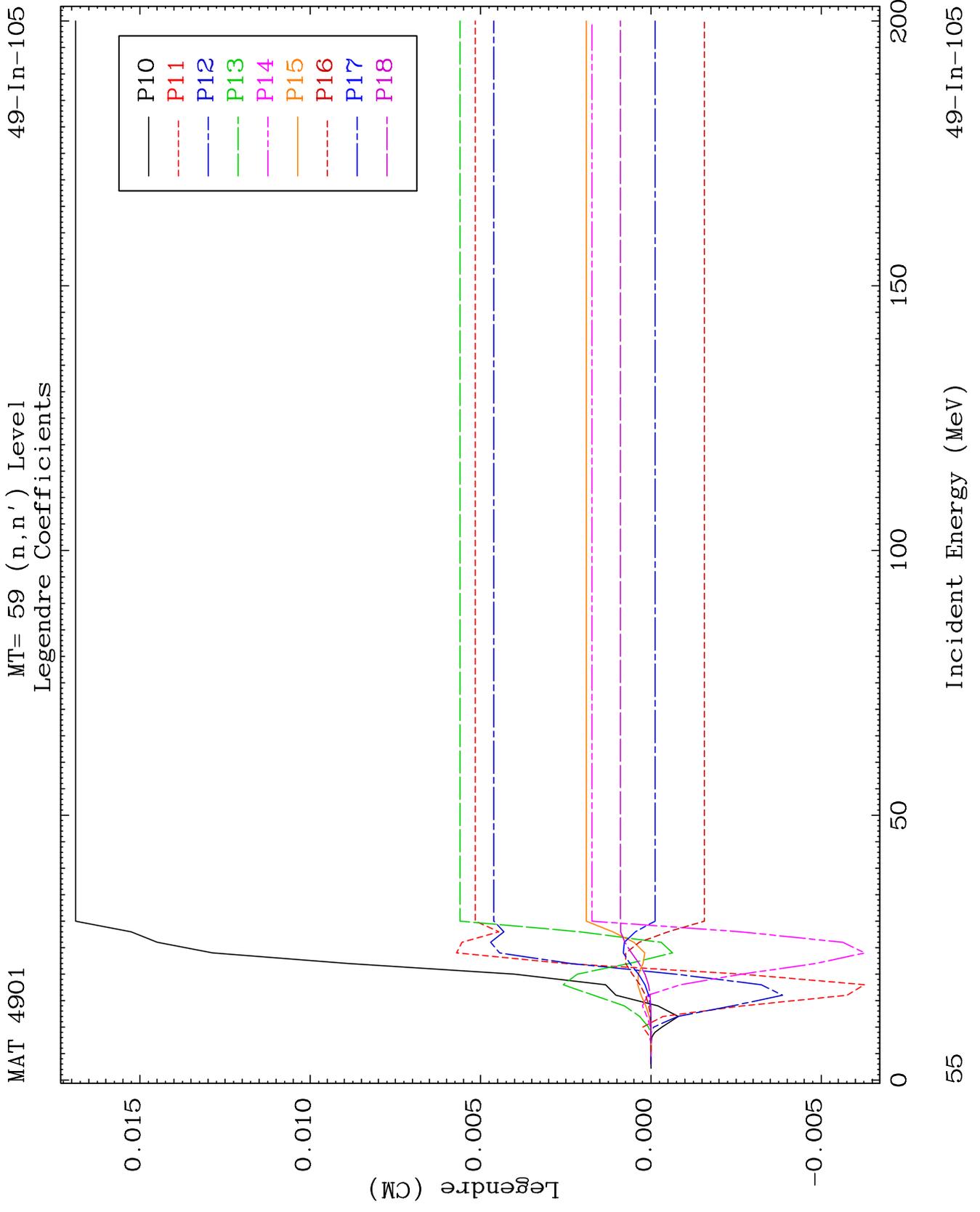


53

Incident Energy (MeV)

49-In-105

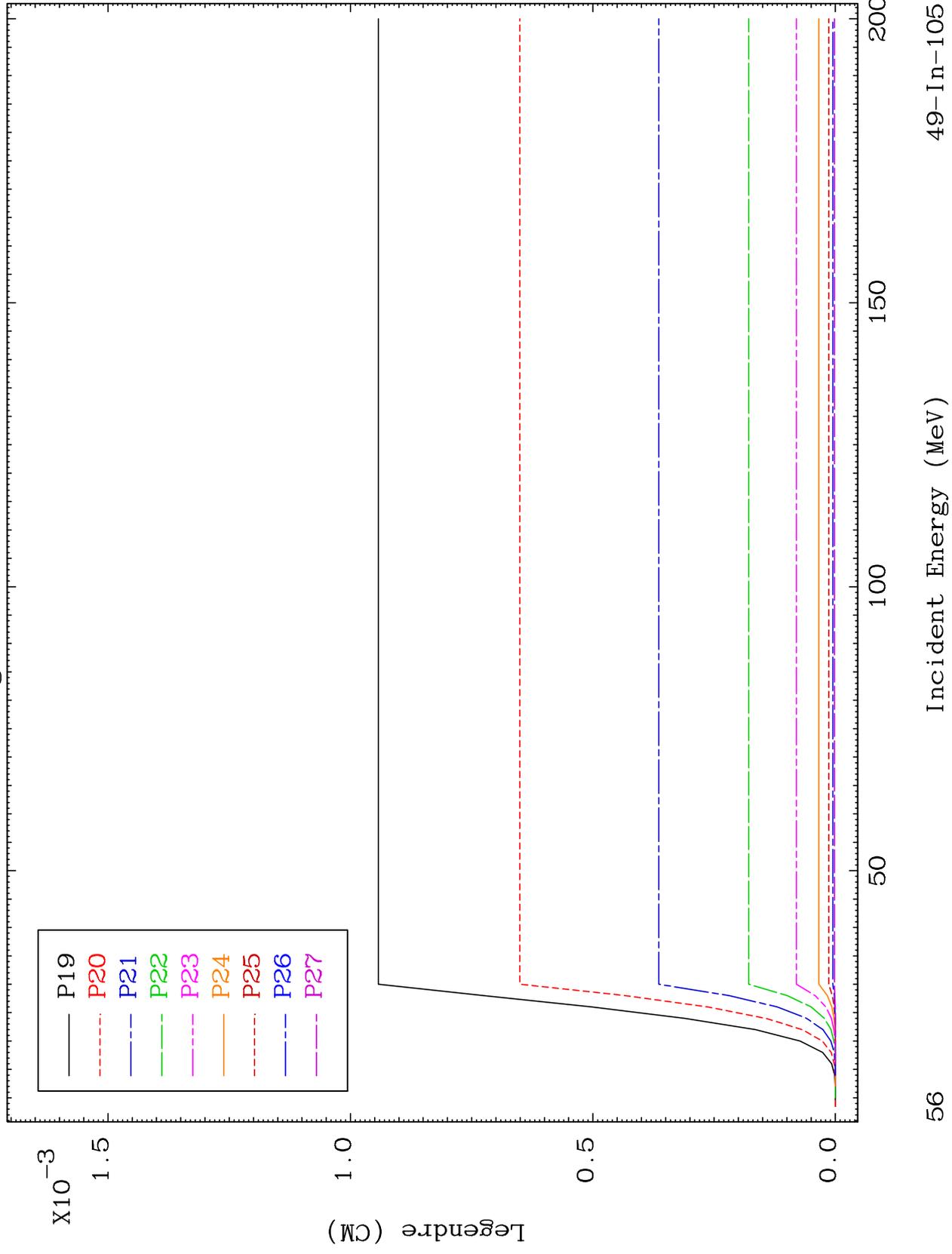




MAT 4901

MT= 59 (n,n') Level
Legendre Coefficients

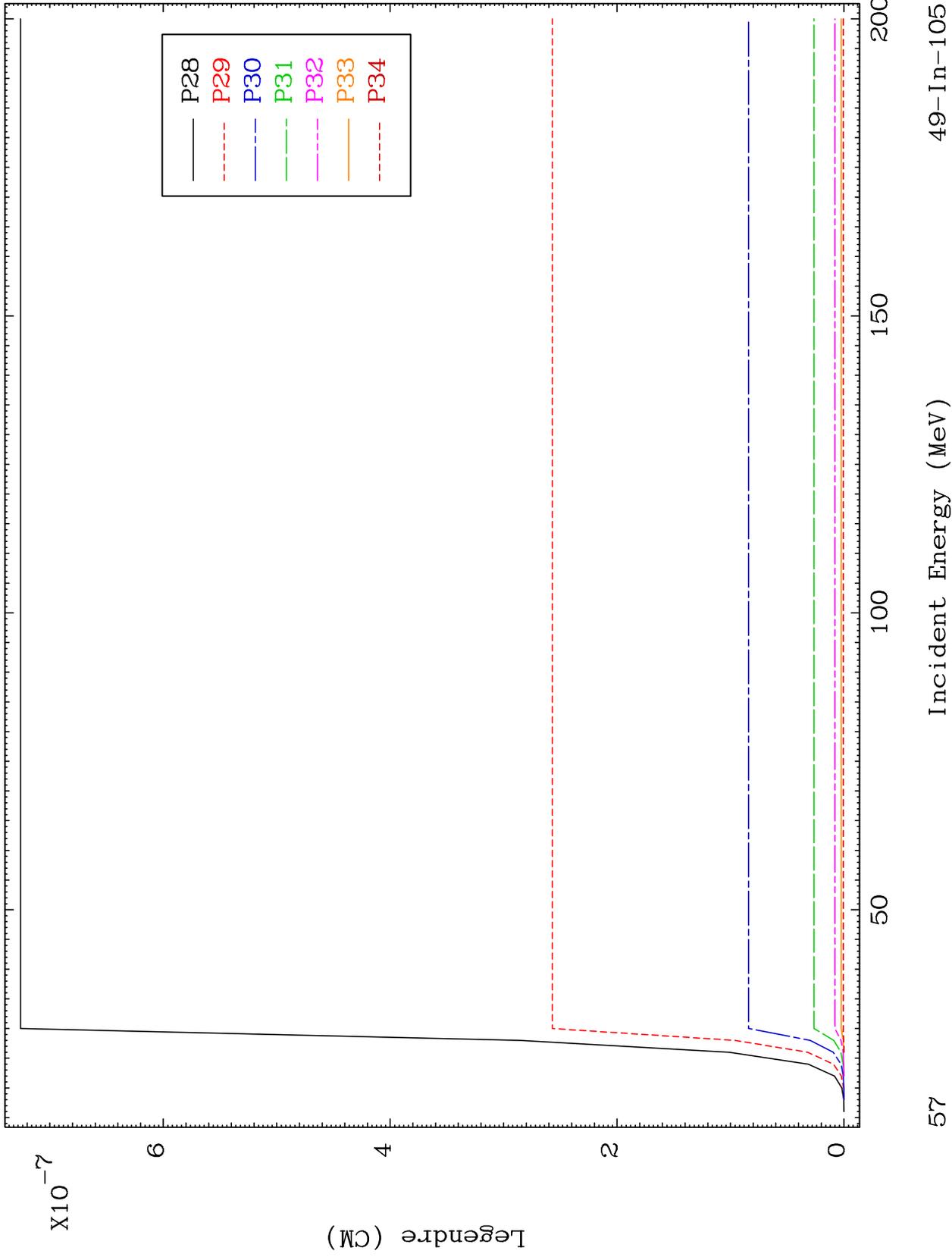
49-In-105



MAT 4901

MT= 59 (n,n') Level
Legendre Coefficients

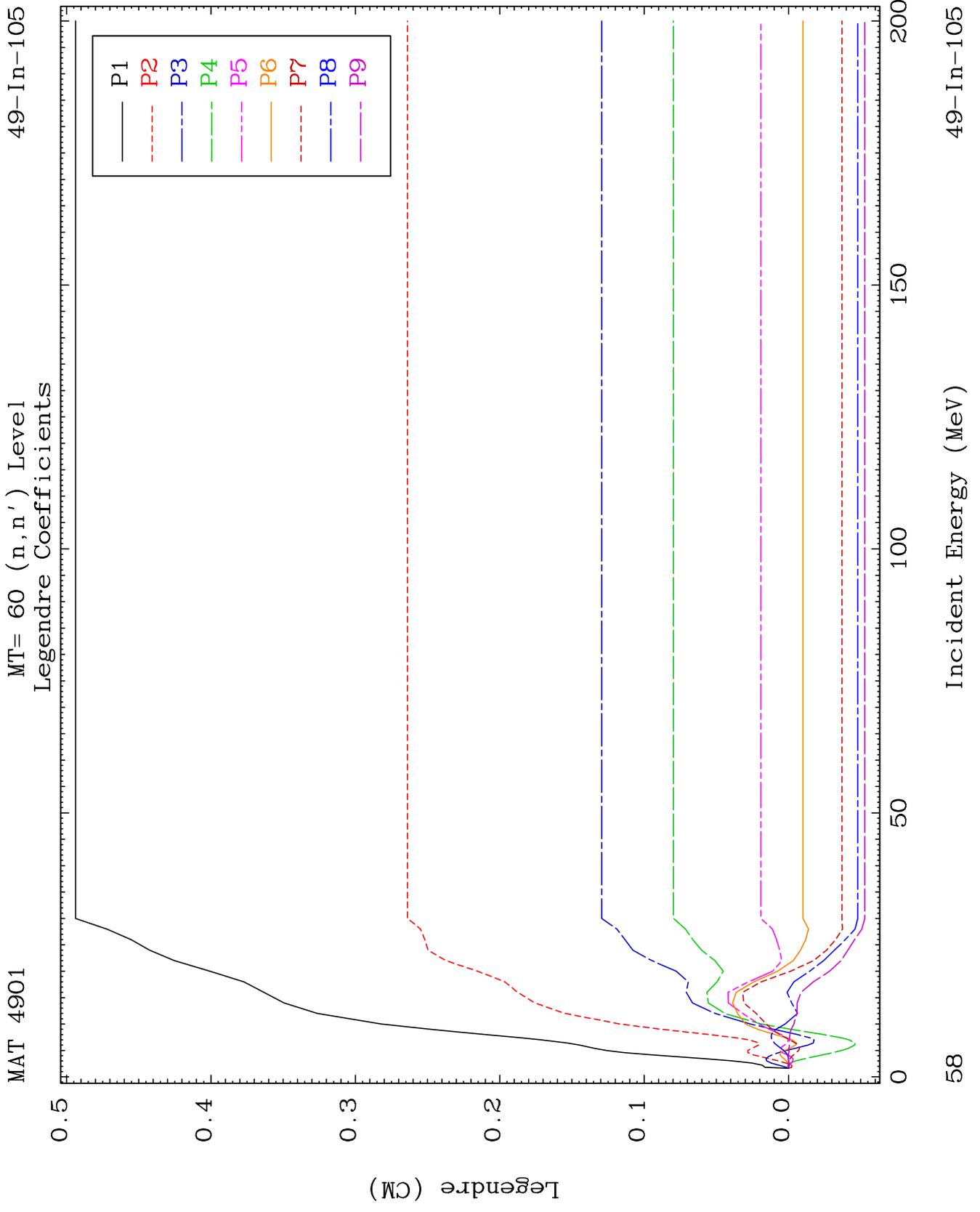
49-In-105

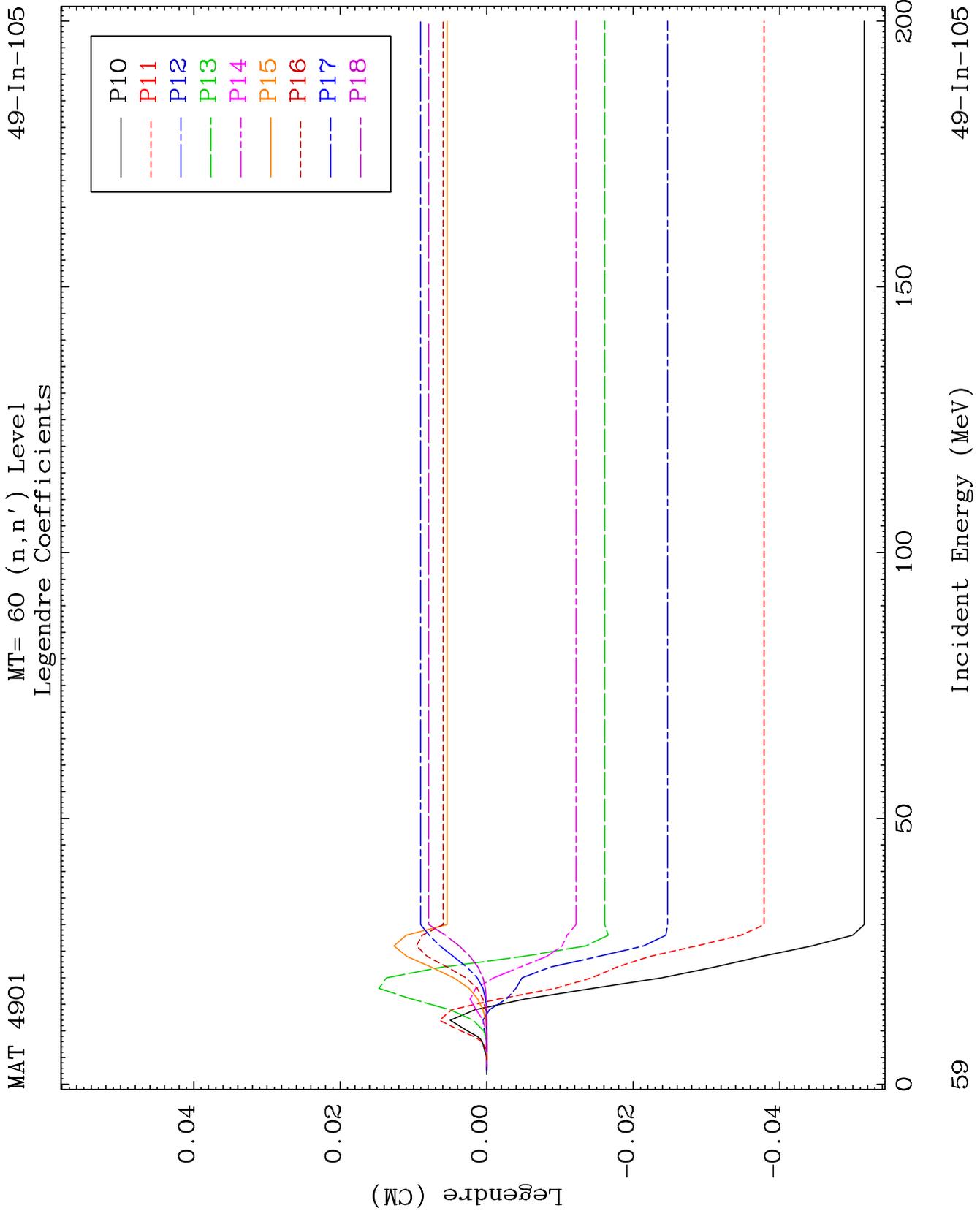


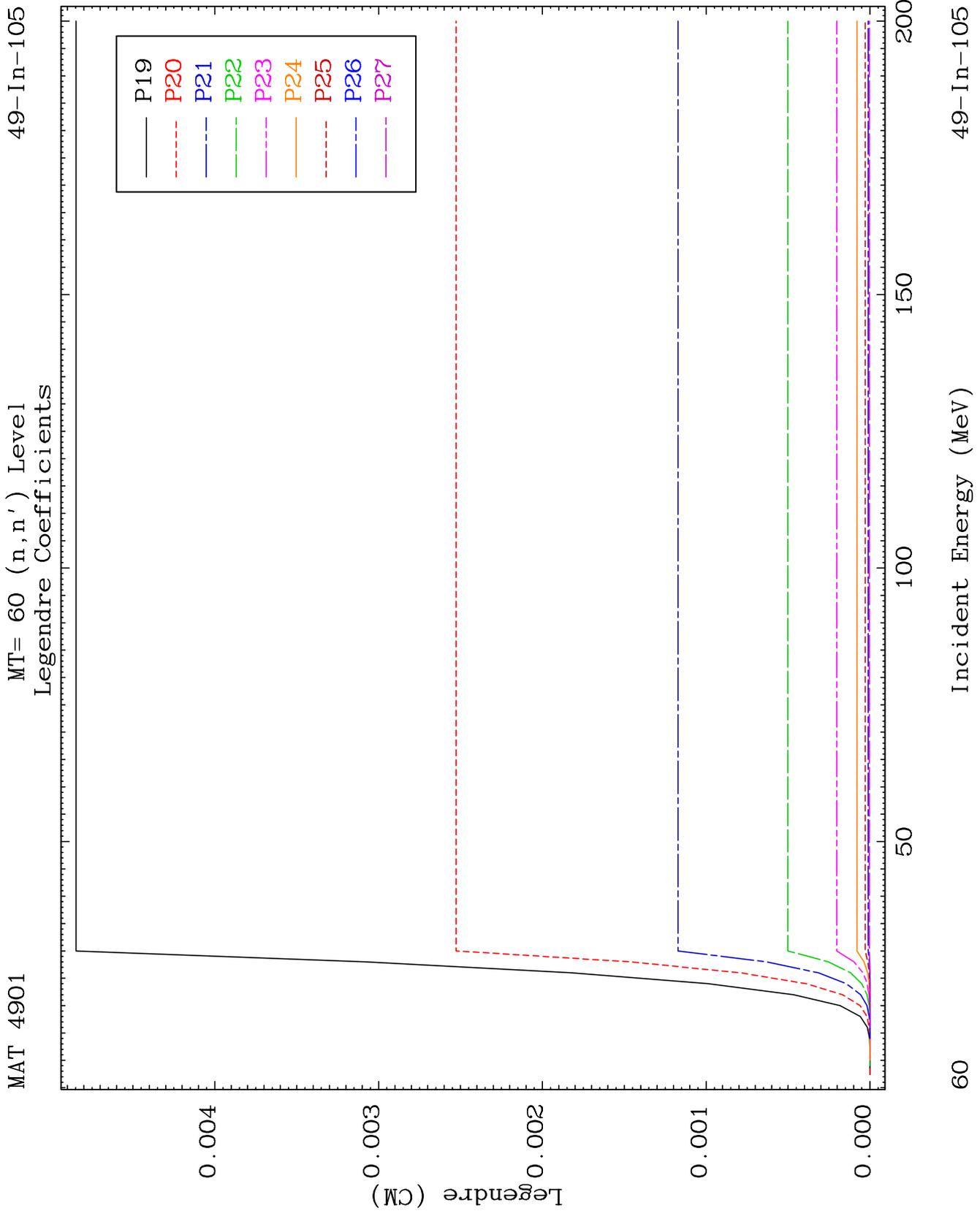
57

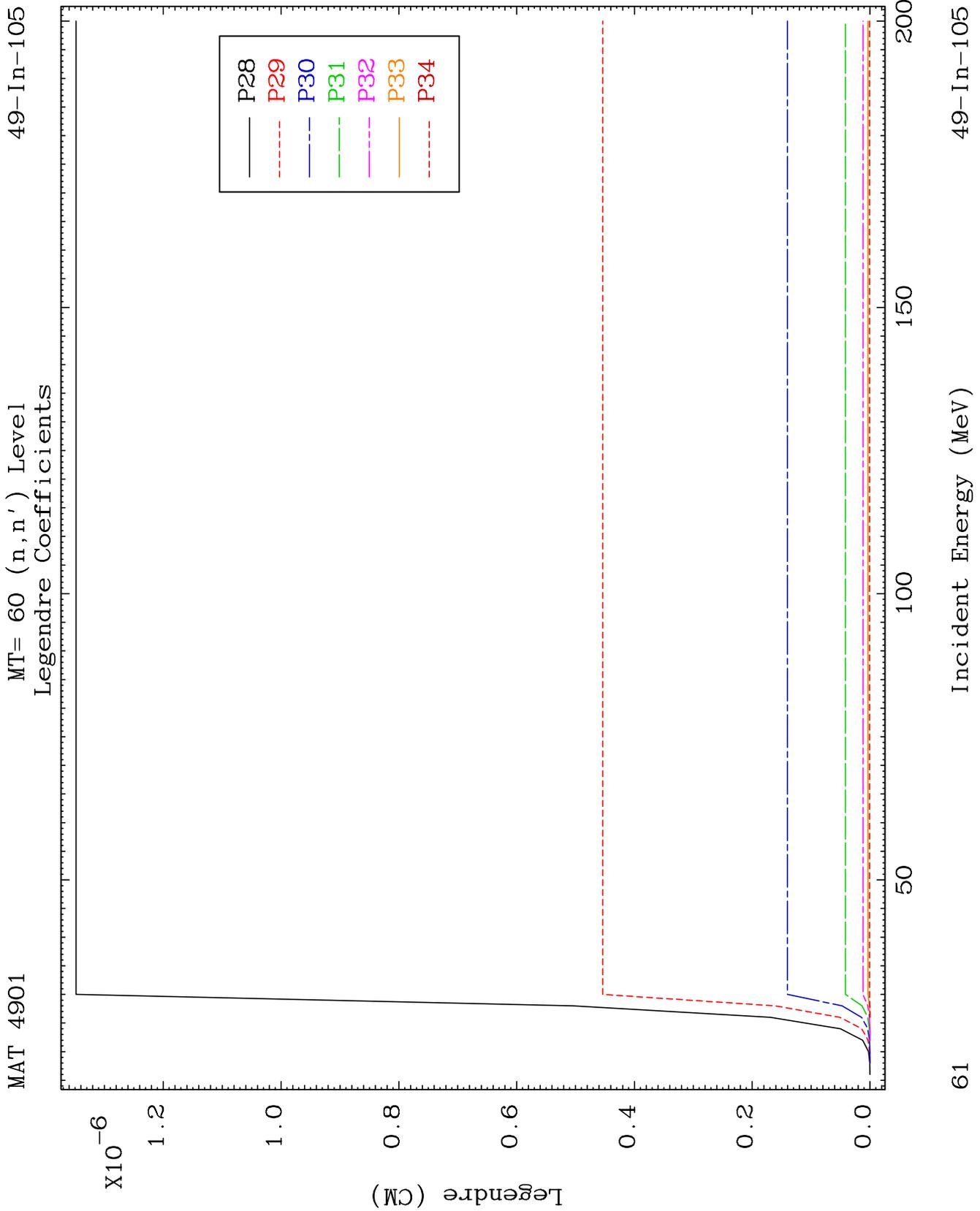
Incident Energy (MeV)

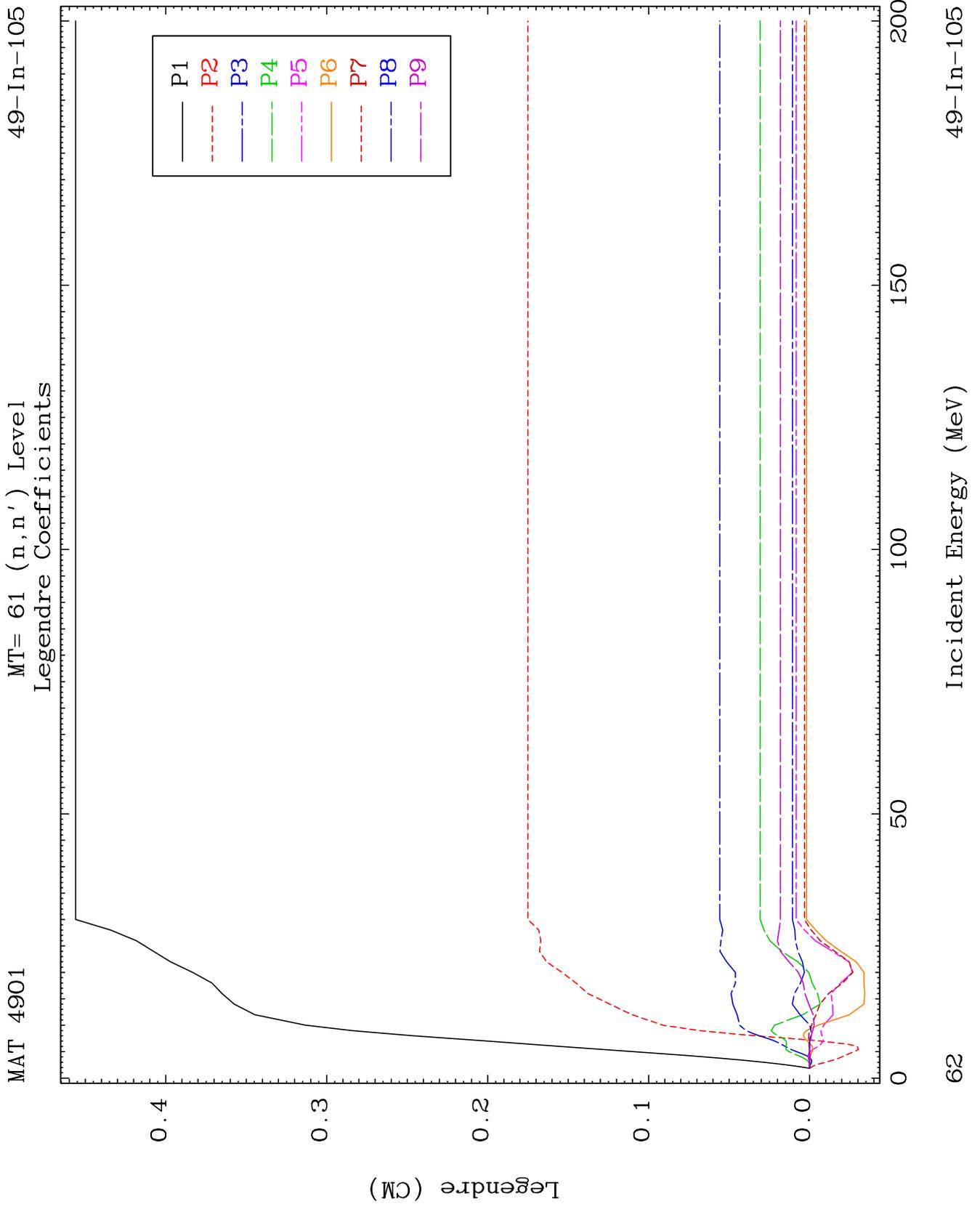
49-In-105







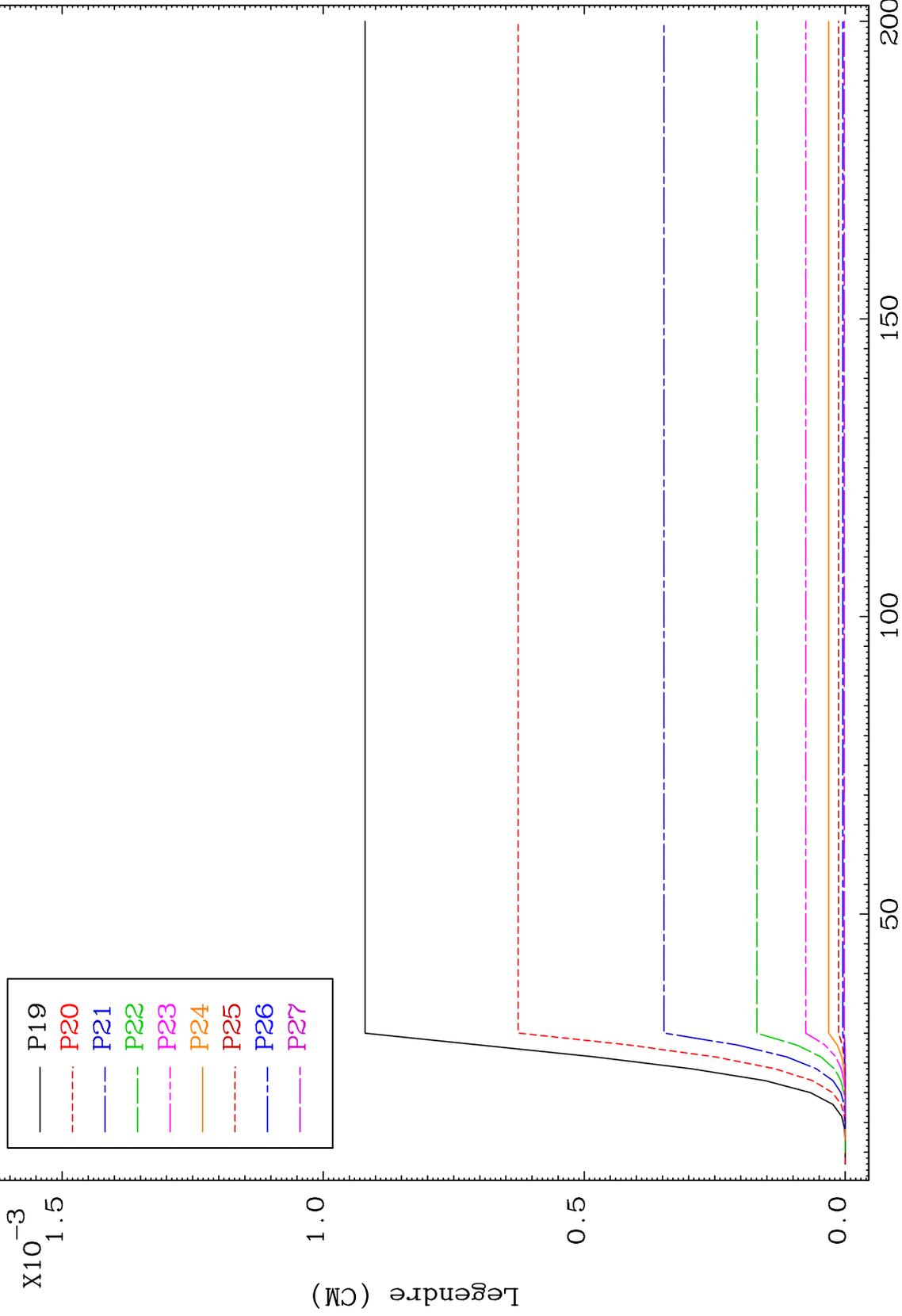
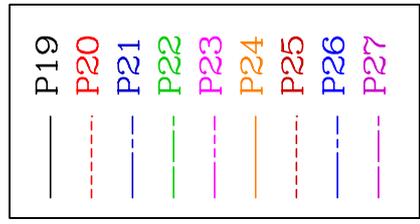




MAT 4901

MT= 61 (n,n') Level
Legendre Coefficients

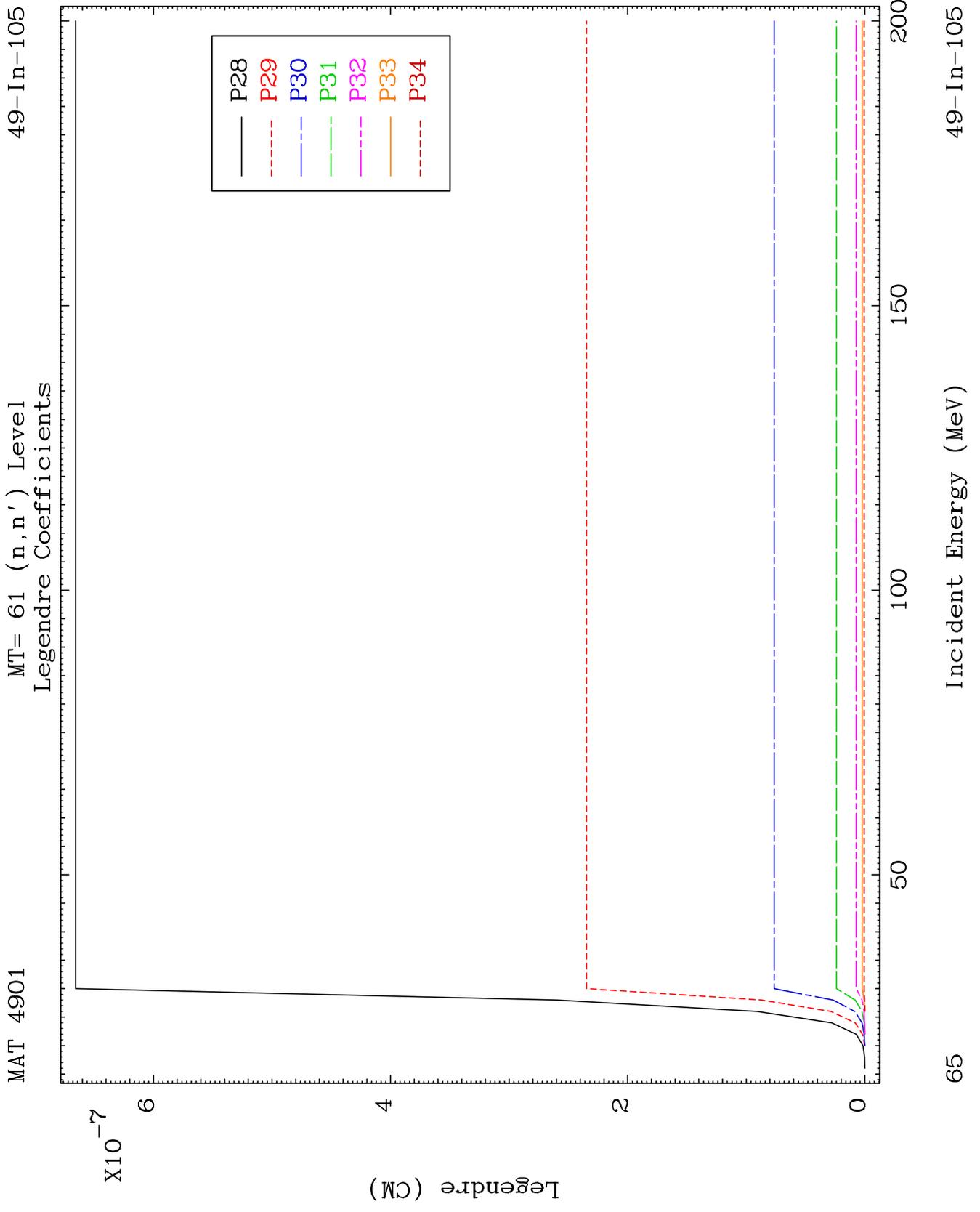
49-In-105

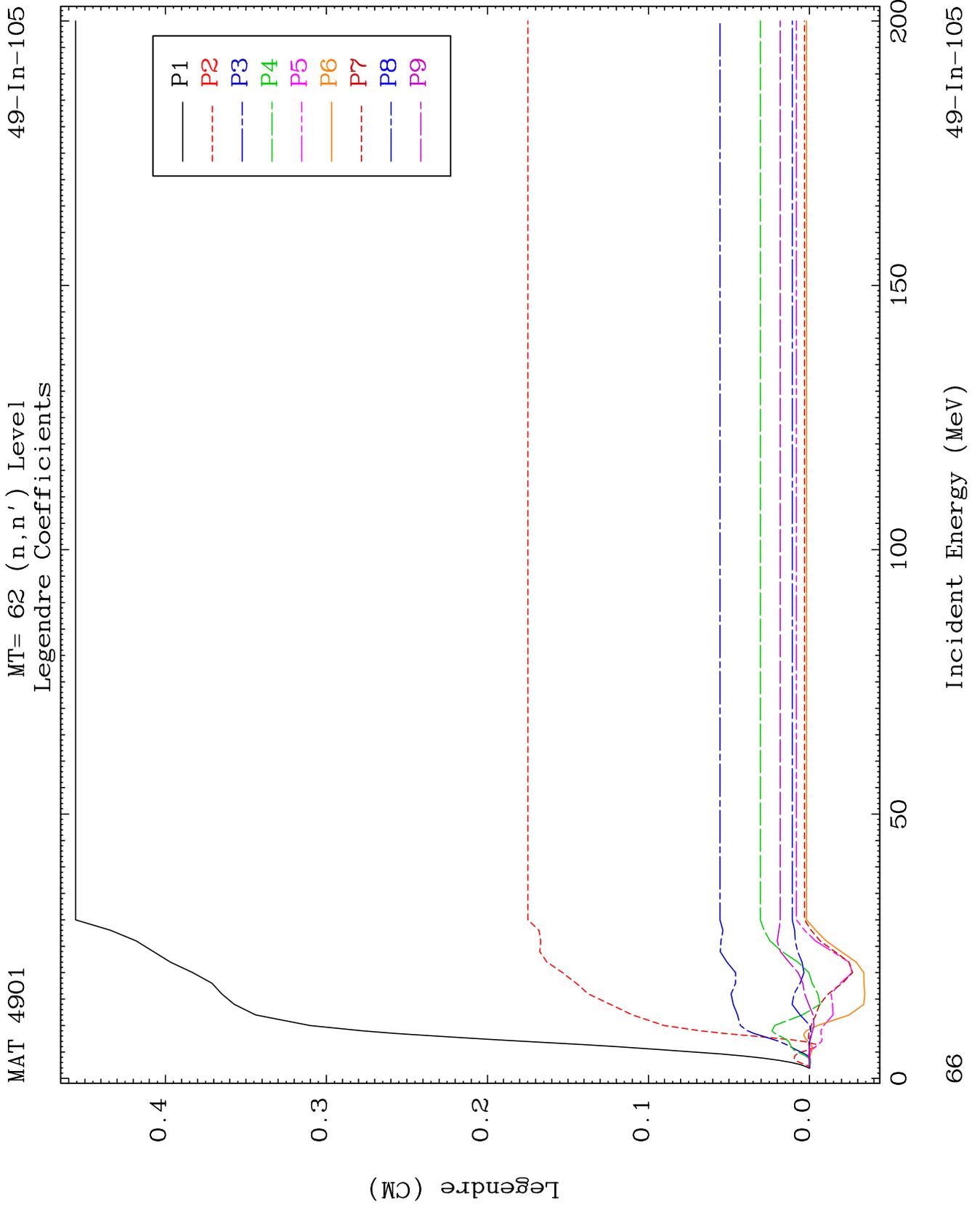


64

Incident Energy (MeV)

49-In-105

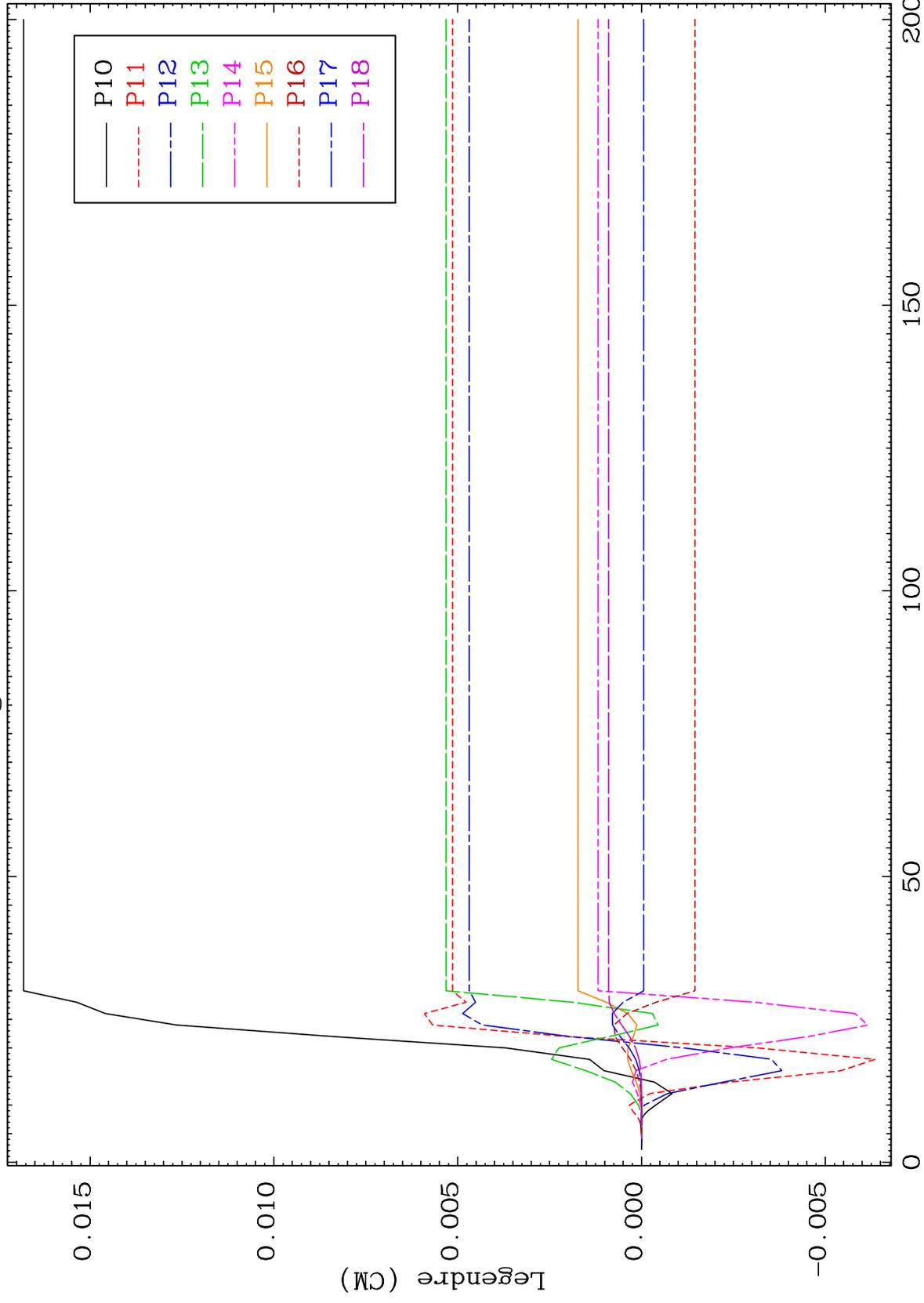




MAT 4901

MT= 62 (n,n') Level
Legendre Coefficients

49-In-105



67

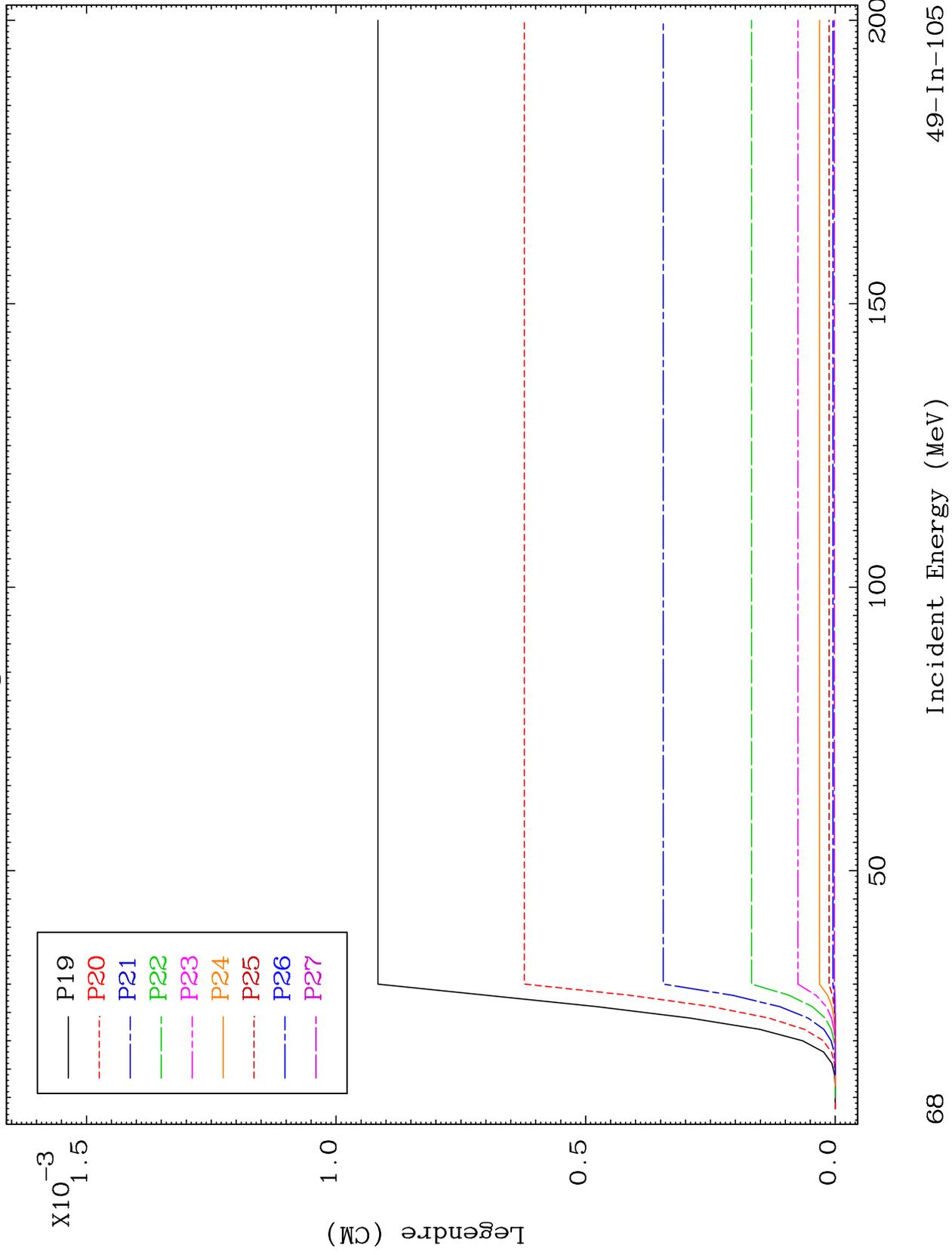
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 62 (n,n') Level
Legendre Coefficients

49-In-105



68

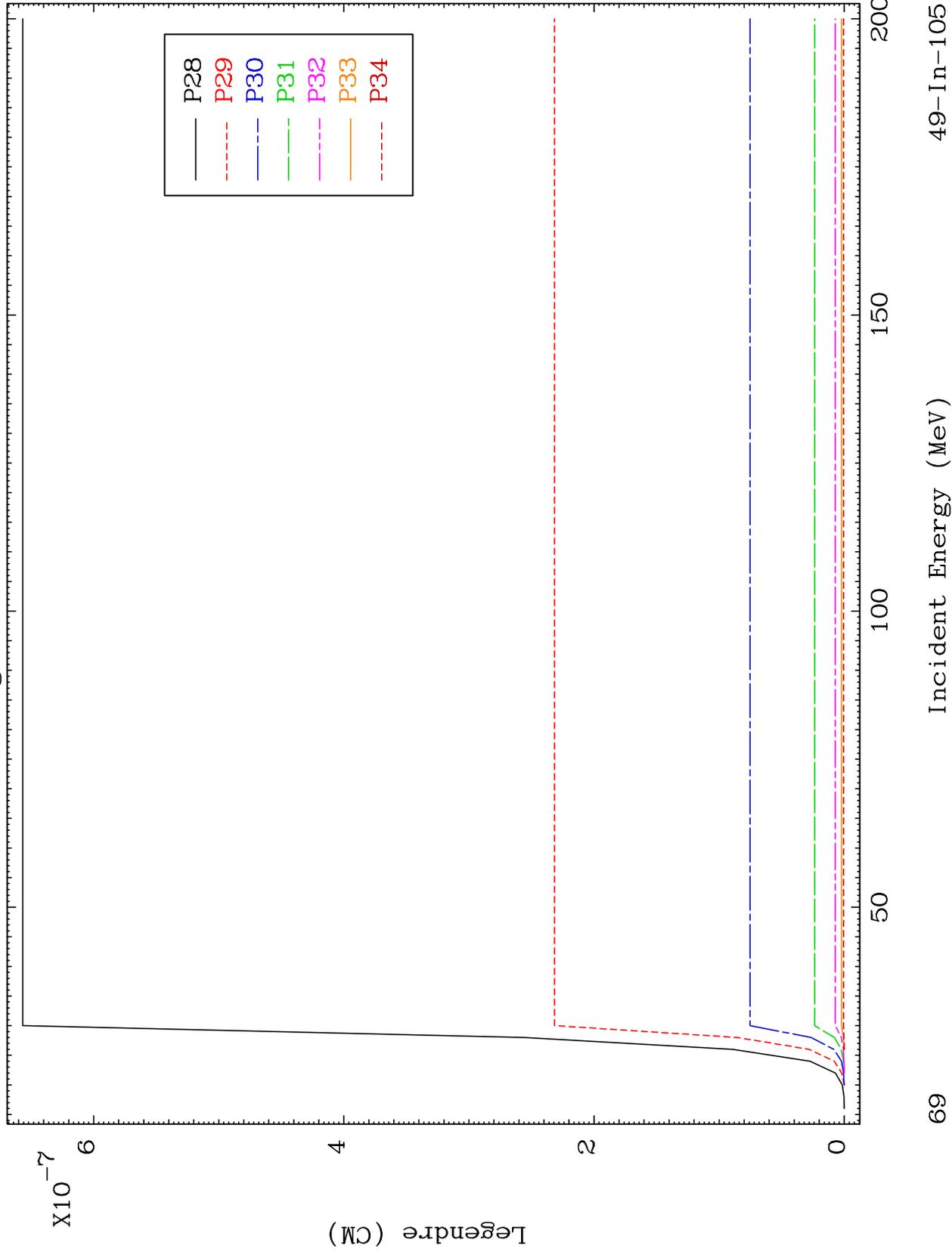
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 62 (n,n') Level
Legendre Coefficients

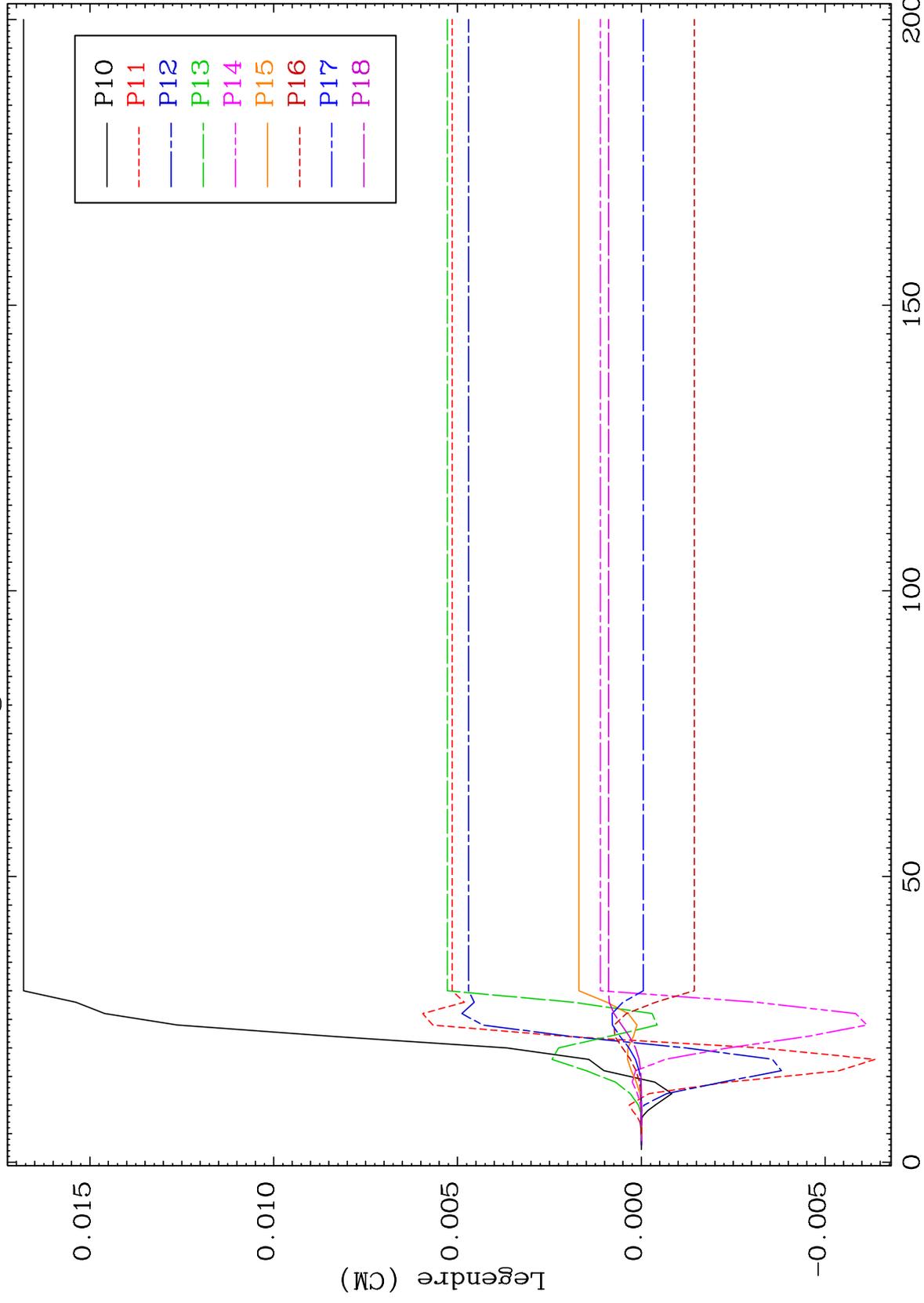
49-In-105



MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

49-In-105



71

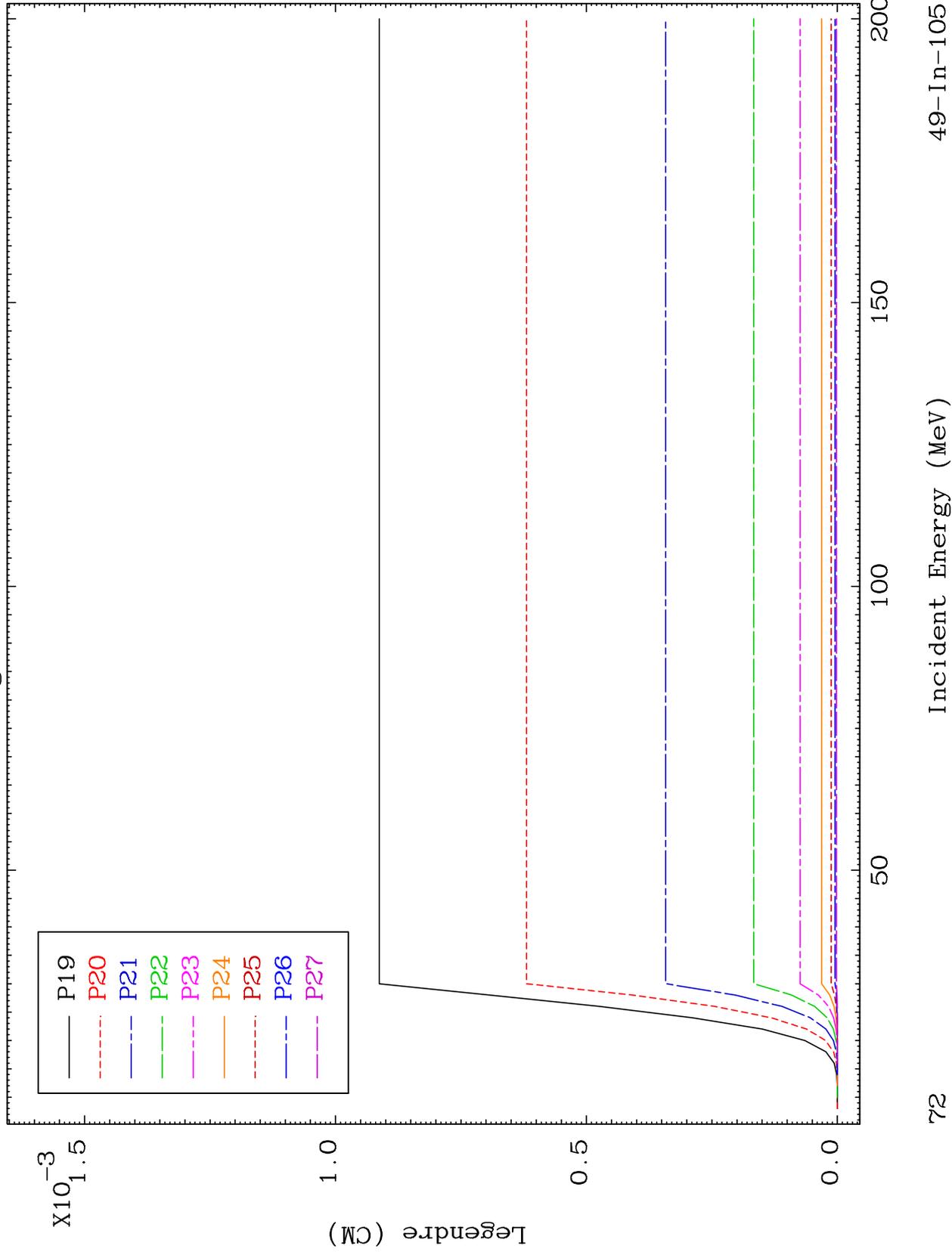
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

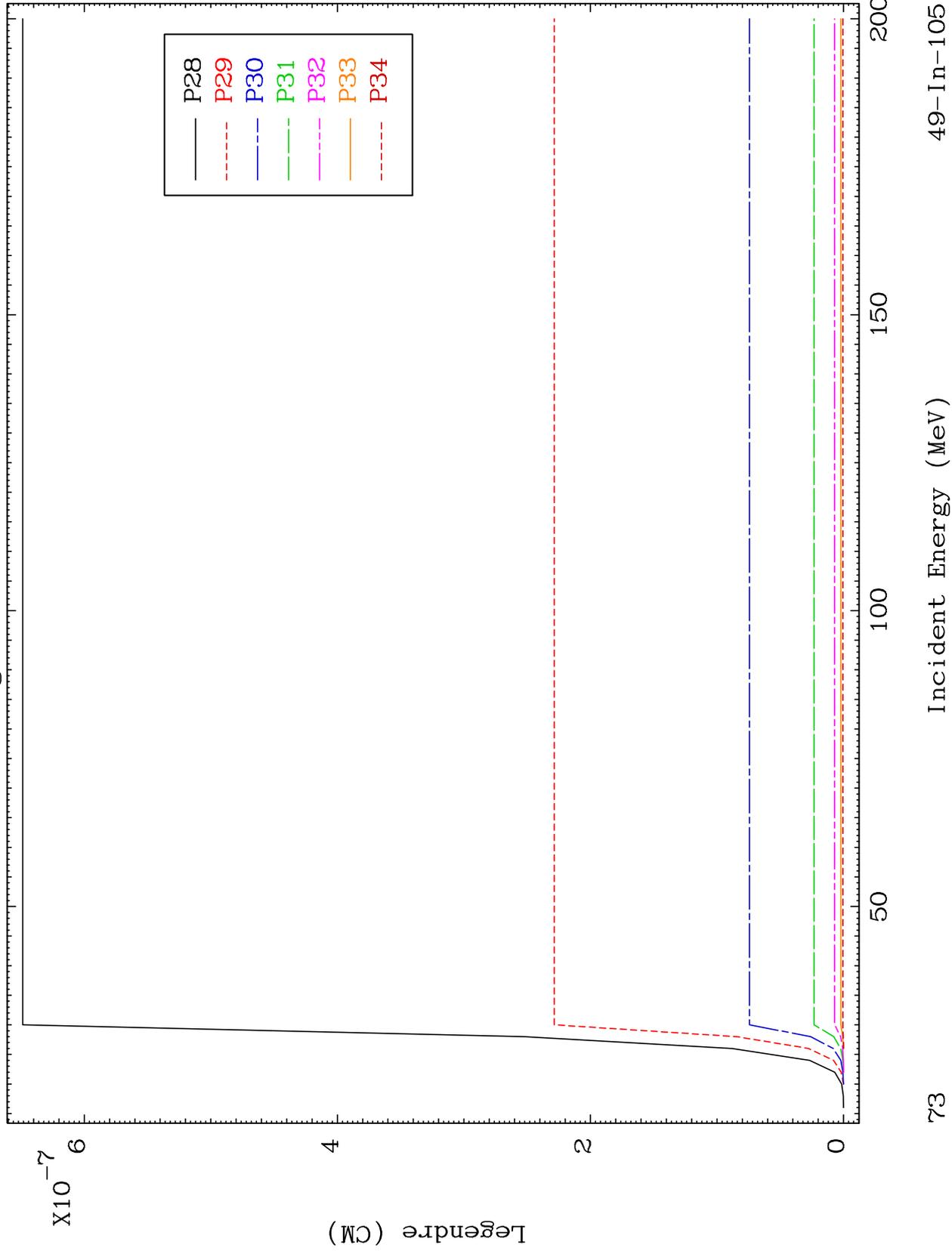
49-In-105



MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

49-In-105



73

Incident Energy (MeV)

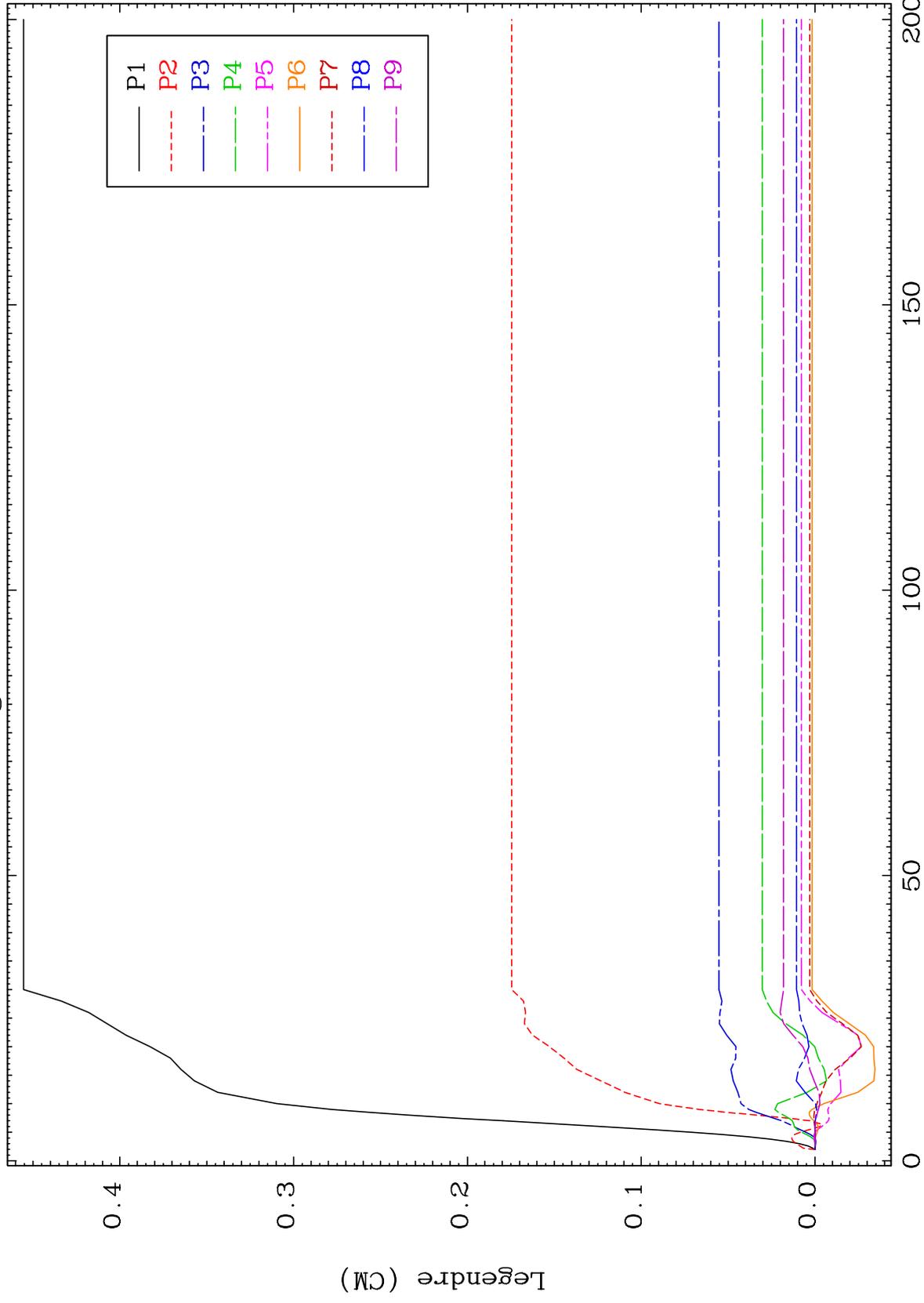
49-In-105

MAT 4901

MT= 64 (n,n') Level

49-In-105

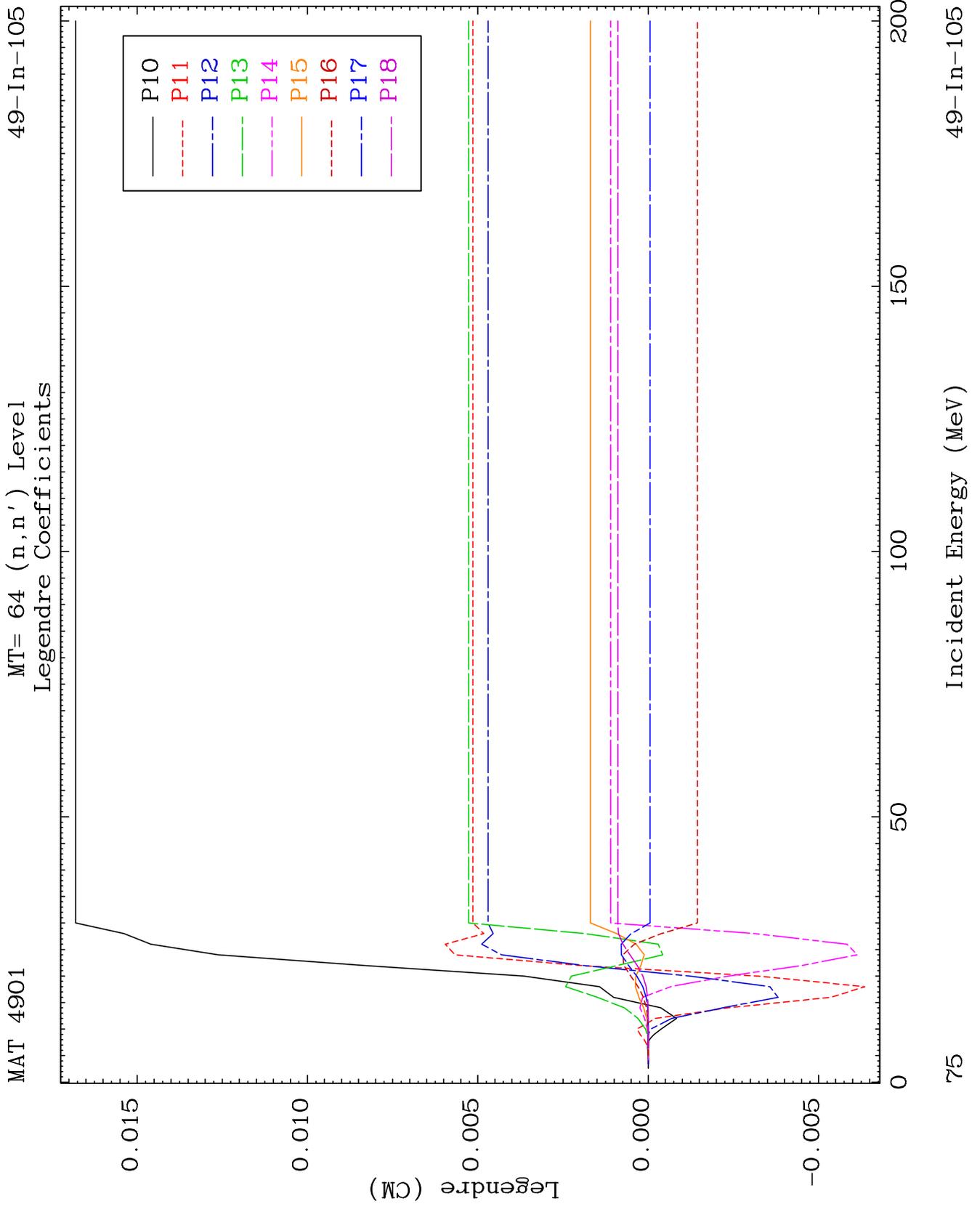
Legendre Coefficients



74

Incident Energy (MeV)

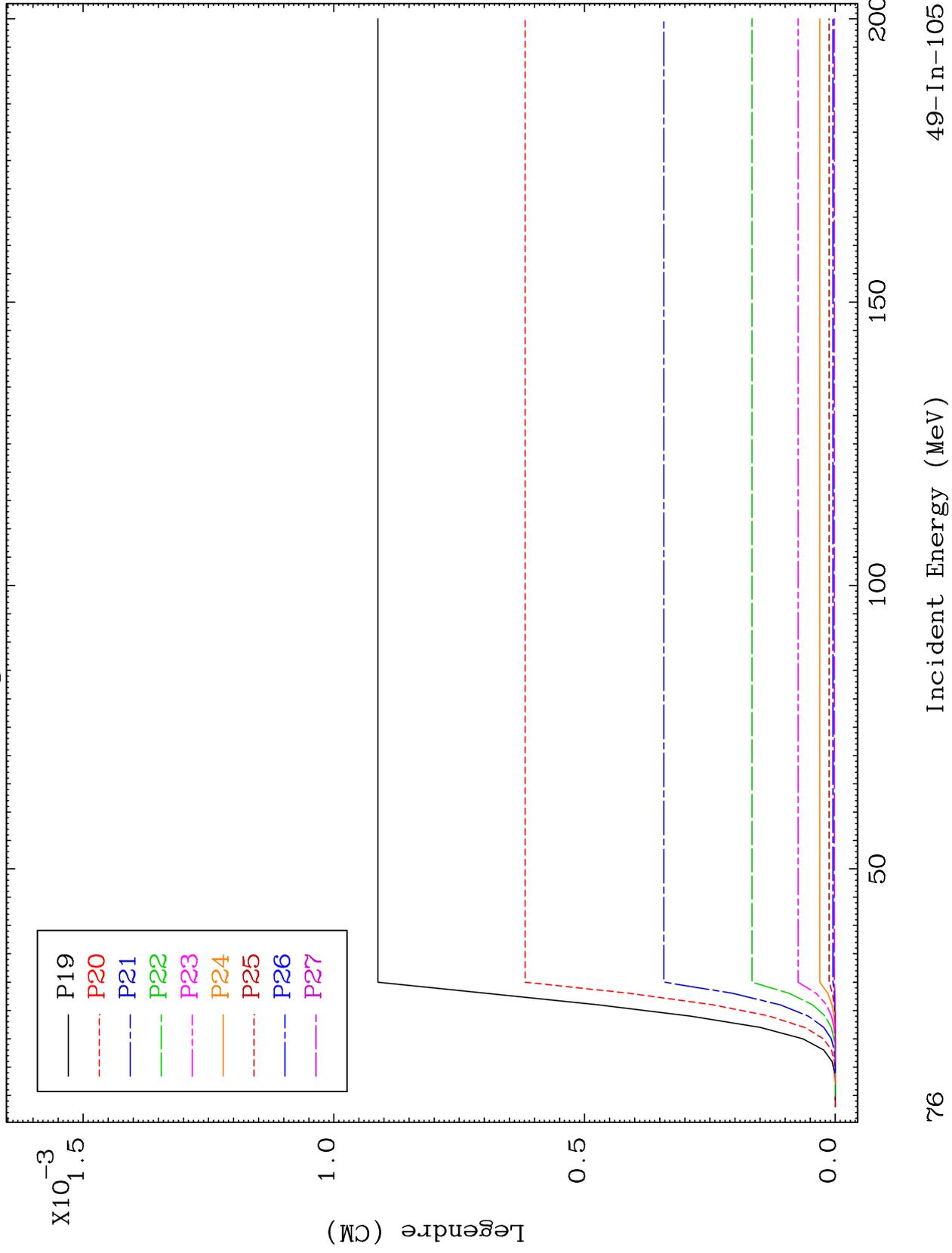
49-In-105



MAT 4901

MT= 64 (n,n') Level
Legendre Coefficients

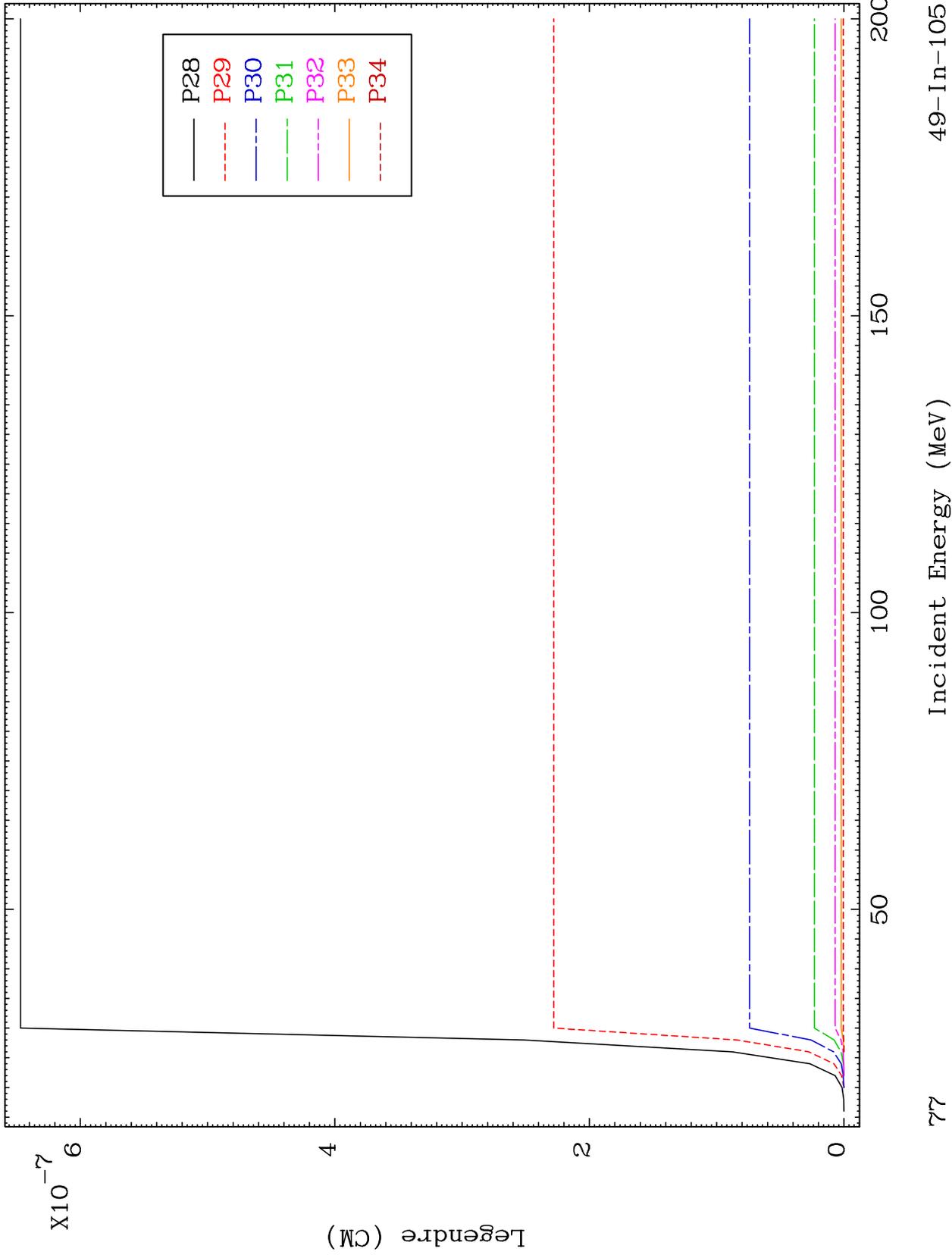
49-In-105

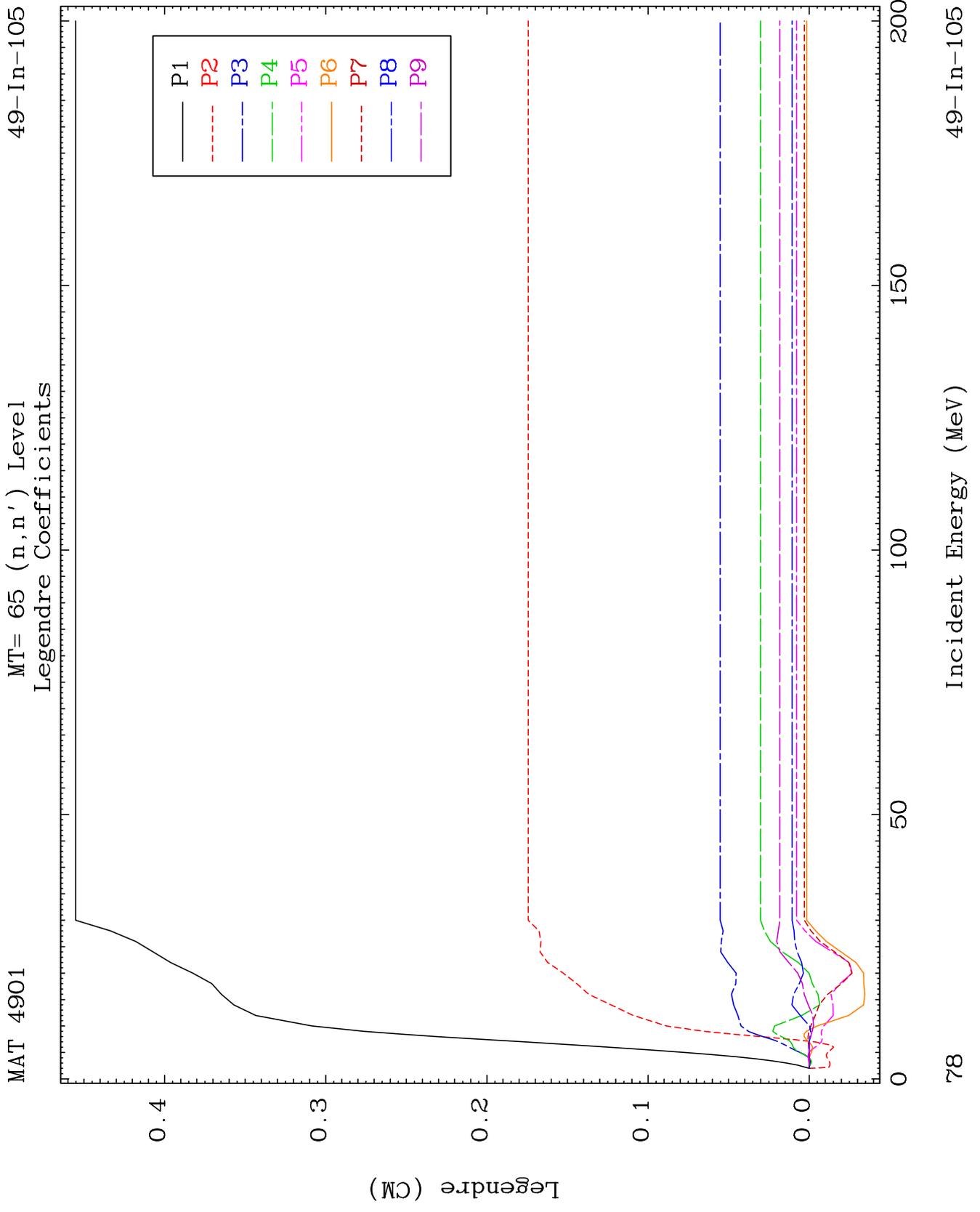


MAT 4901

MT= 64 (n,n') Level
Legendre Coefficients

49-In-105

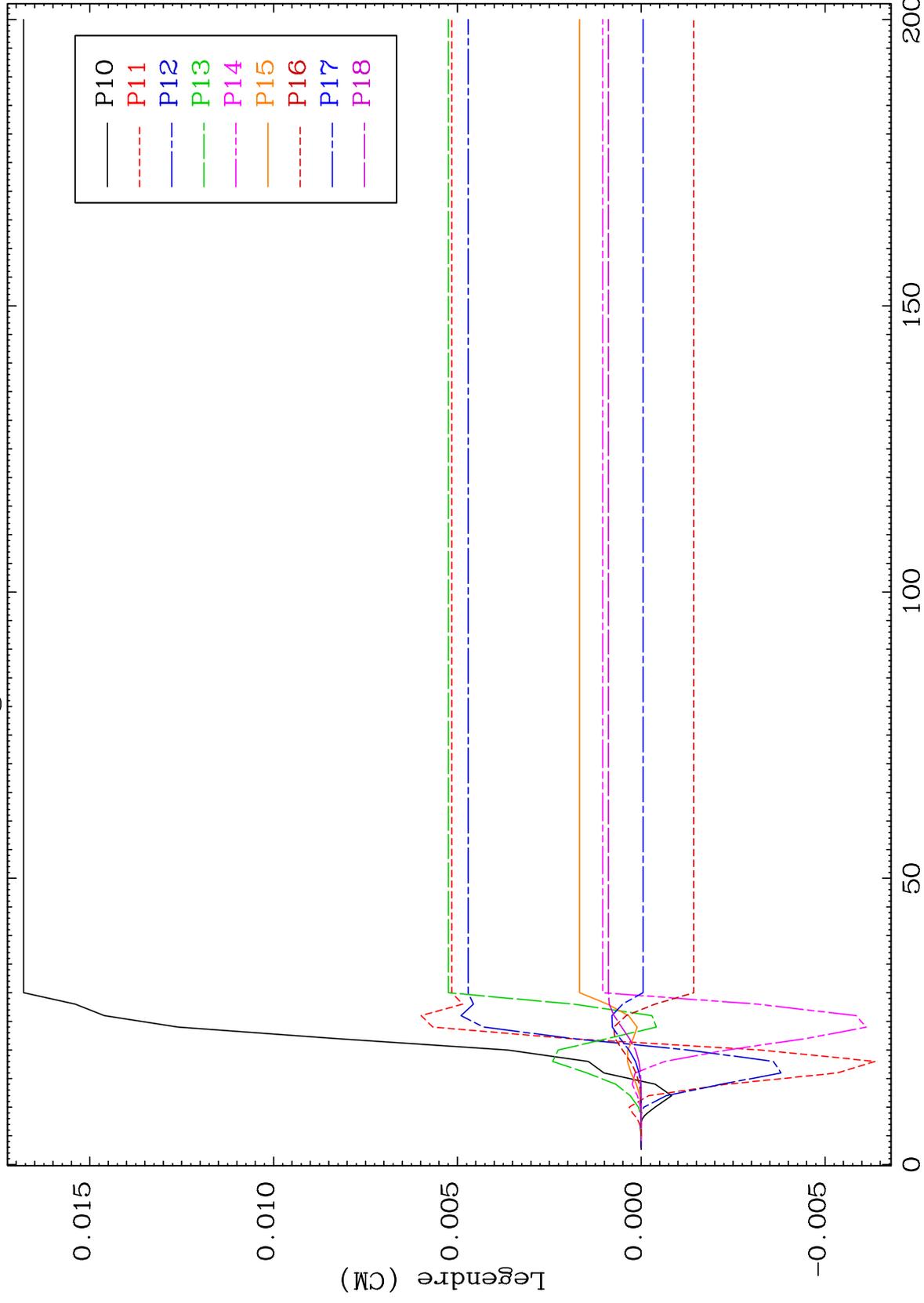




MAT 4901

MT= 65 (n,n') Level
Legendre Coefficients

49-In-105



79

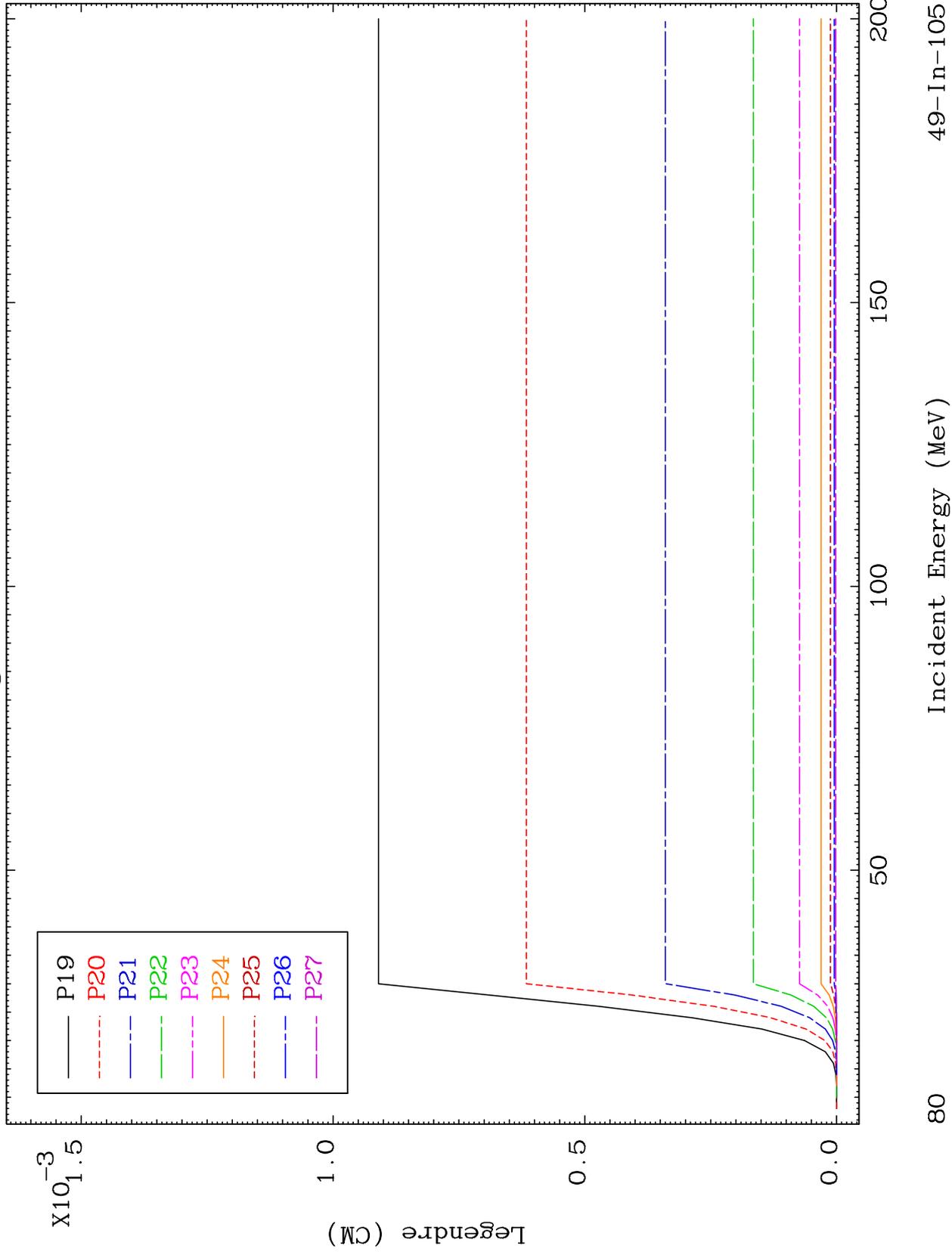
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 65 (n,n') Level
Legendre Coefficients

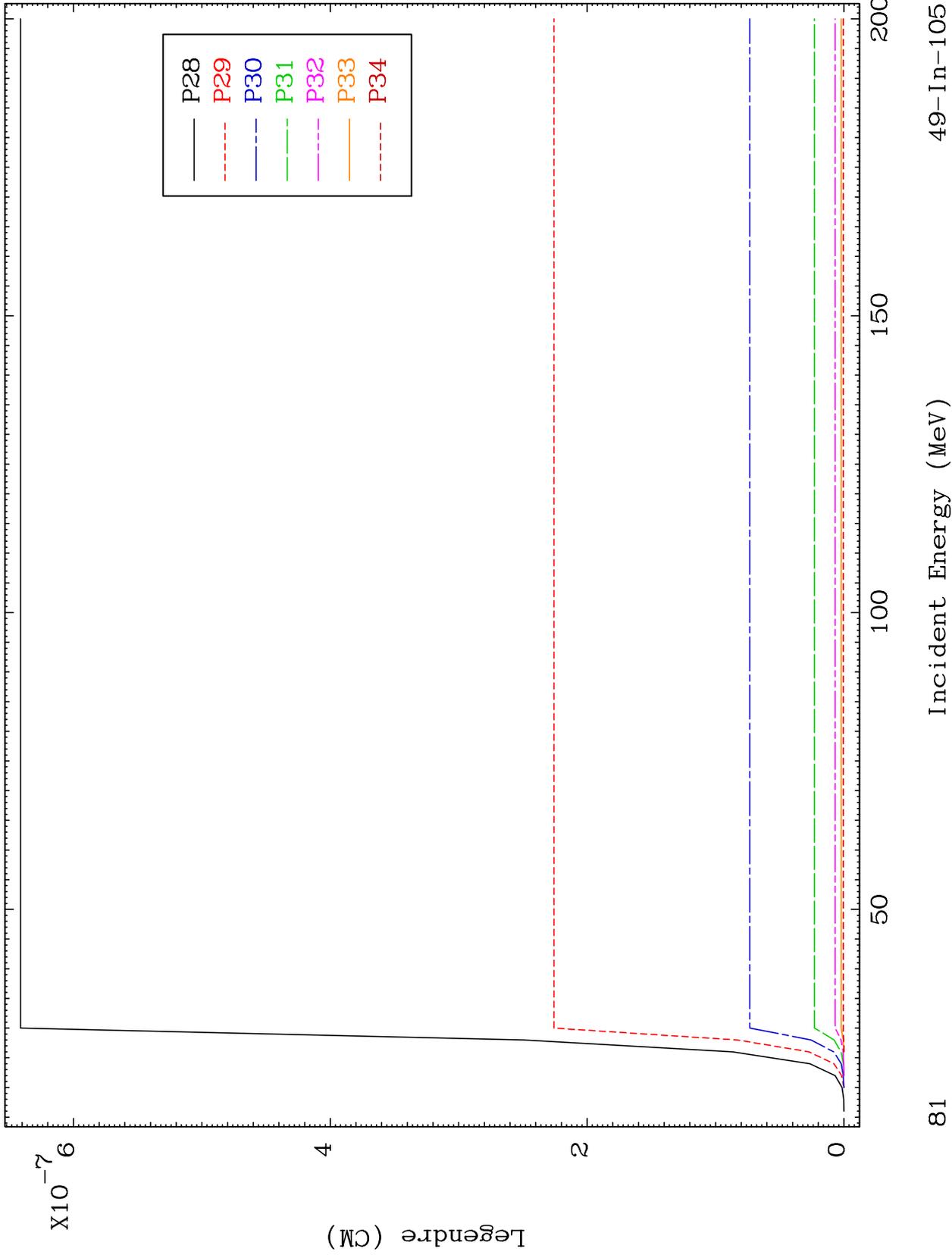
49-In-105



MAT 4901

MT= 65 (n,n') Level
Legendre Coefficients

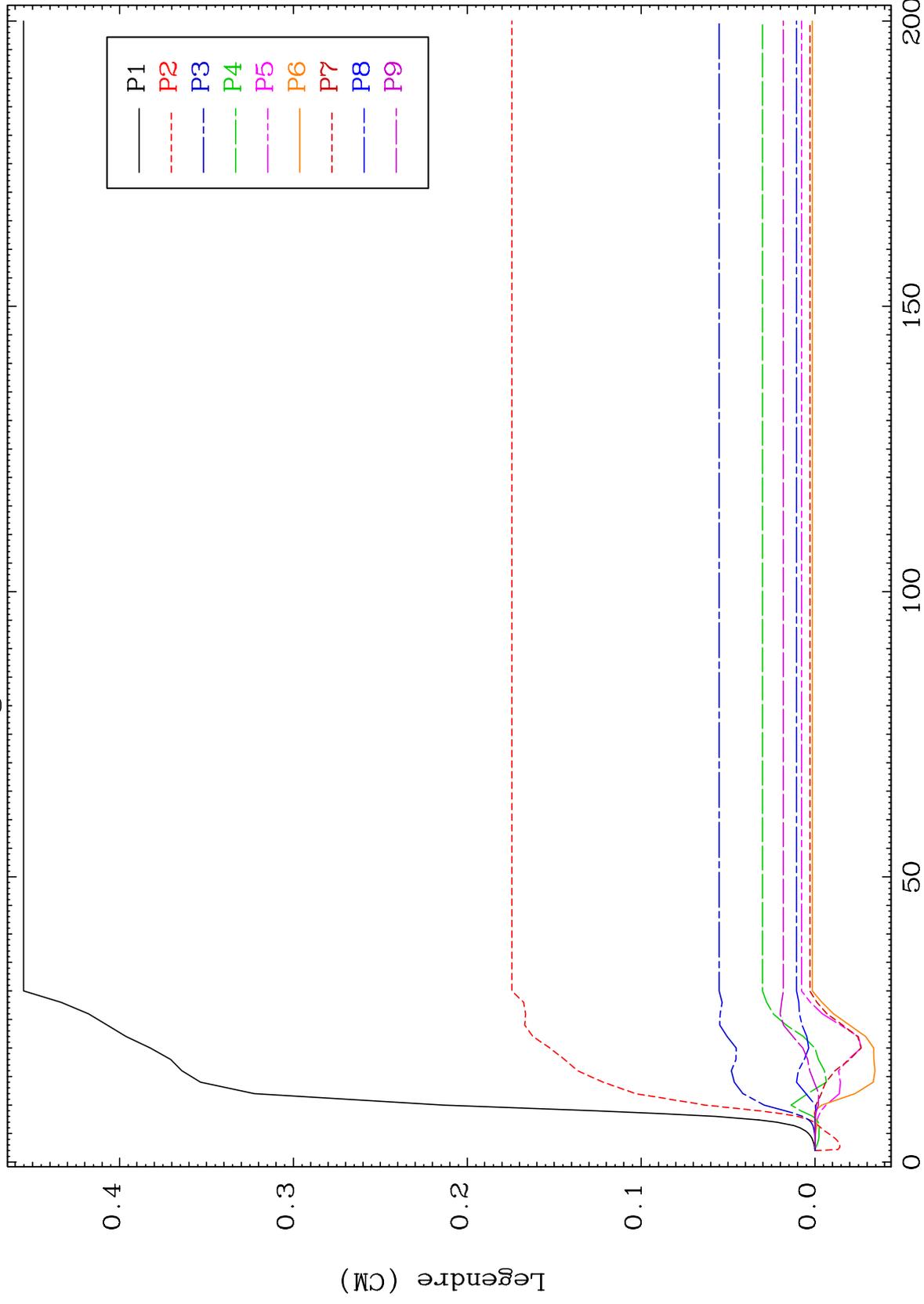
49-In-105



MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



82

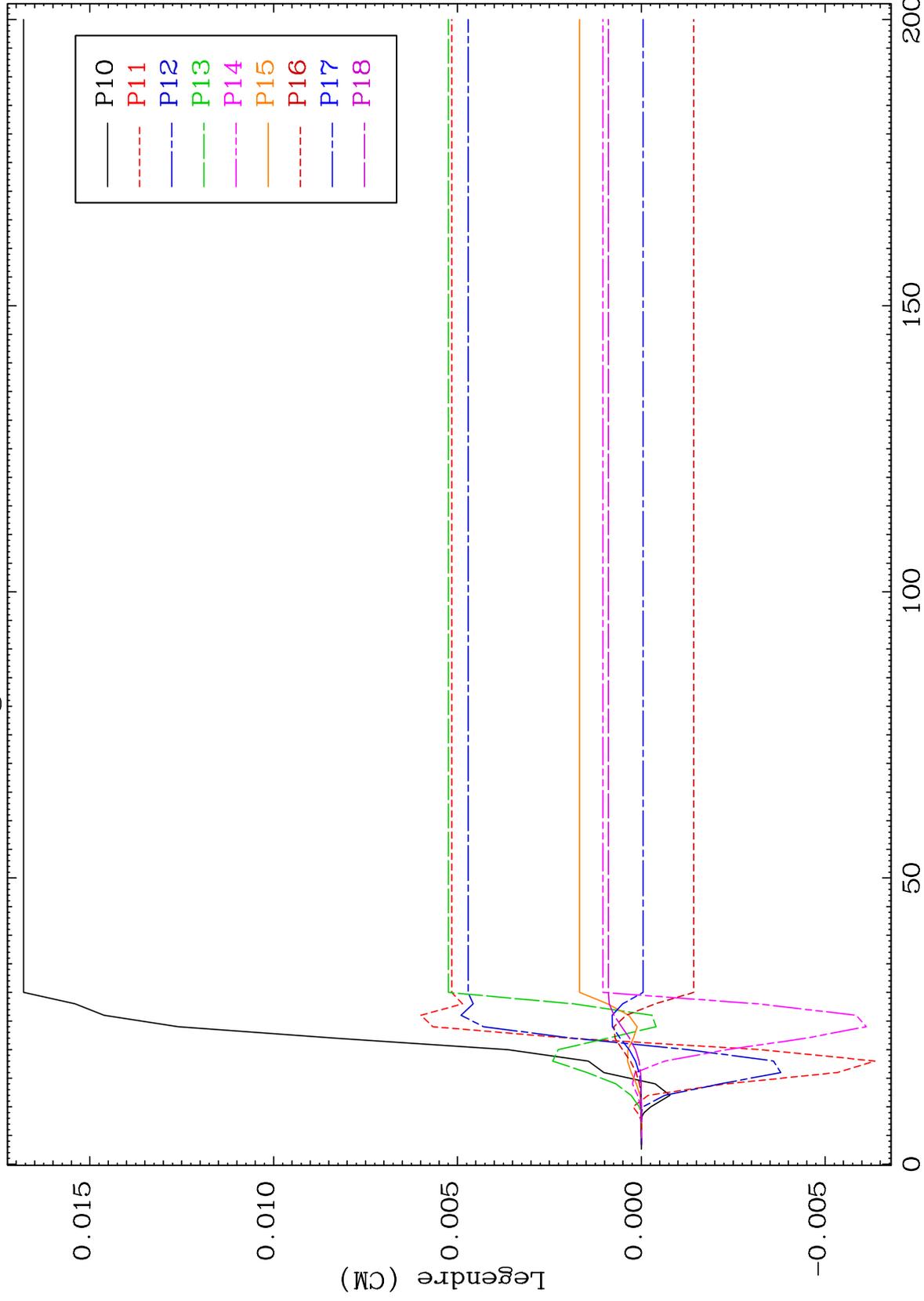
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



83

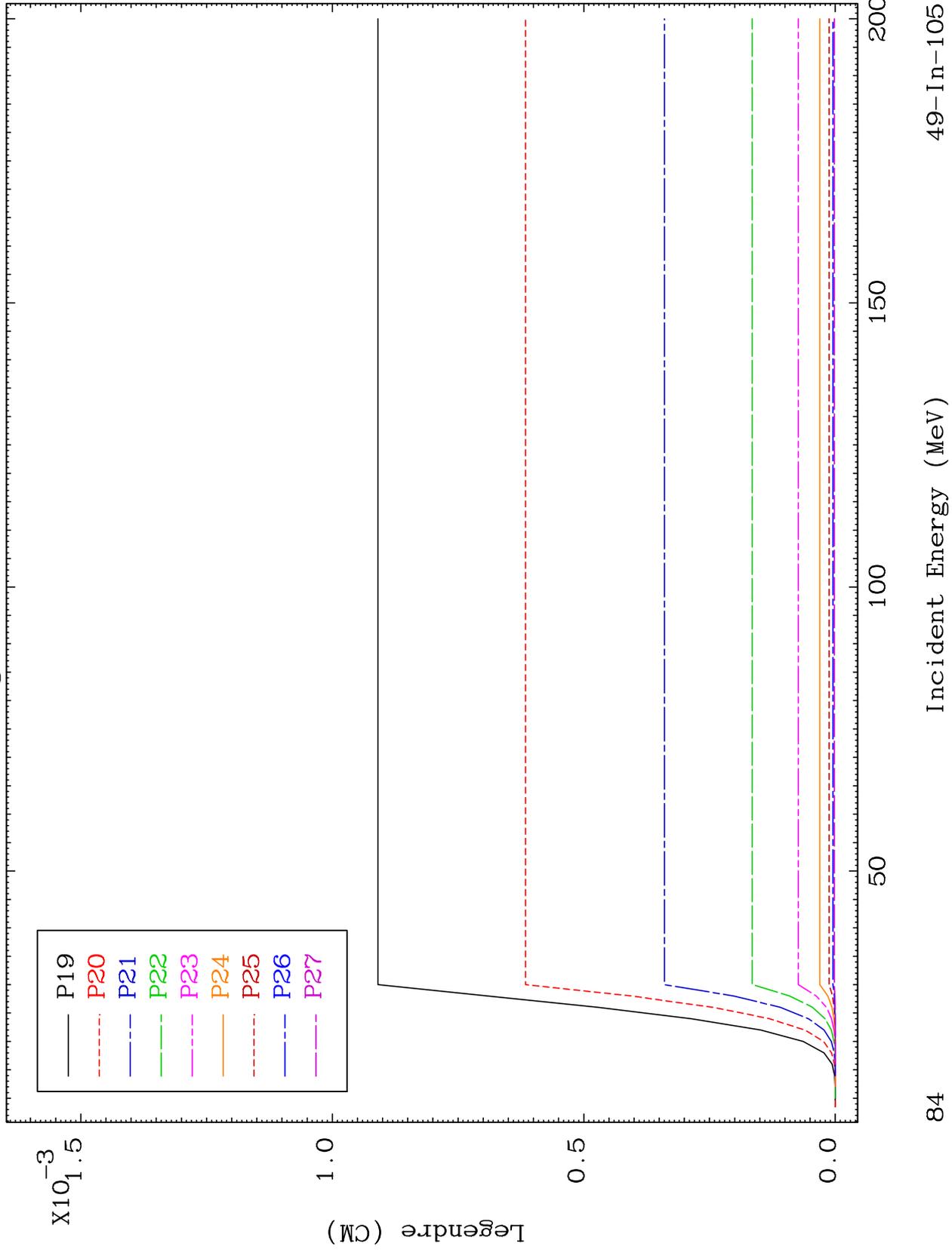
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

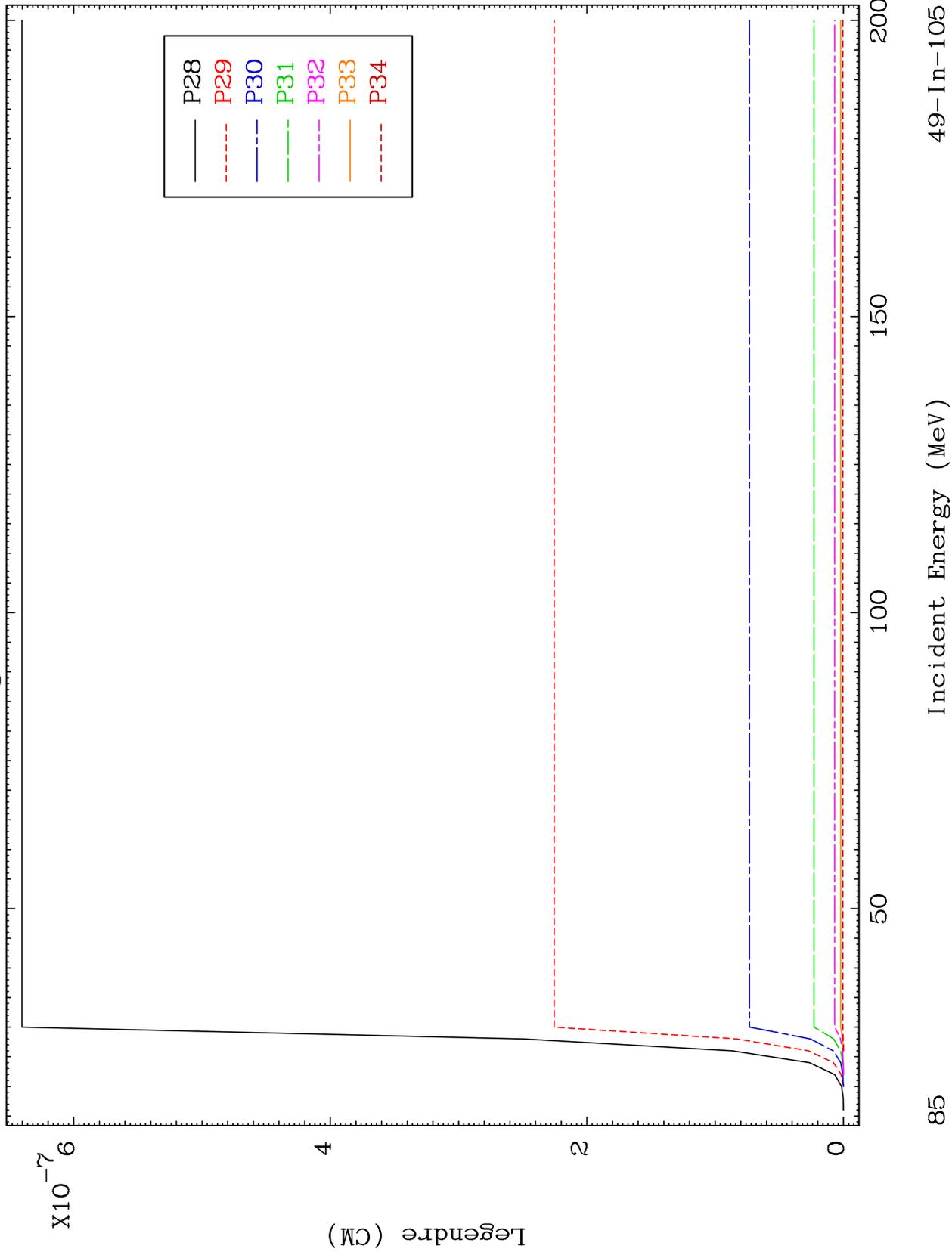
49-In-105



MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



85

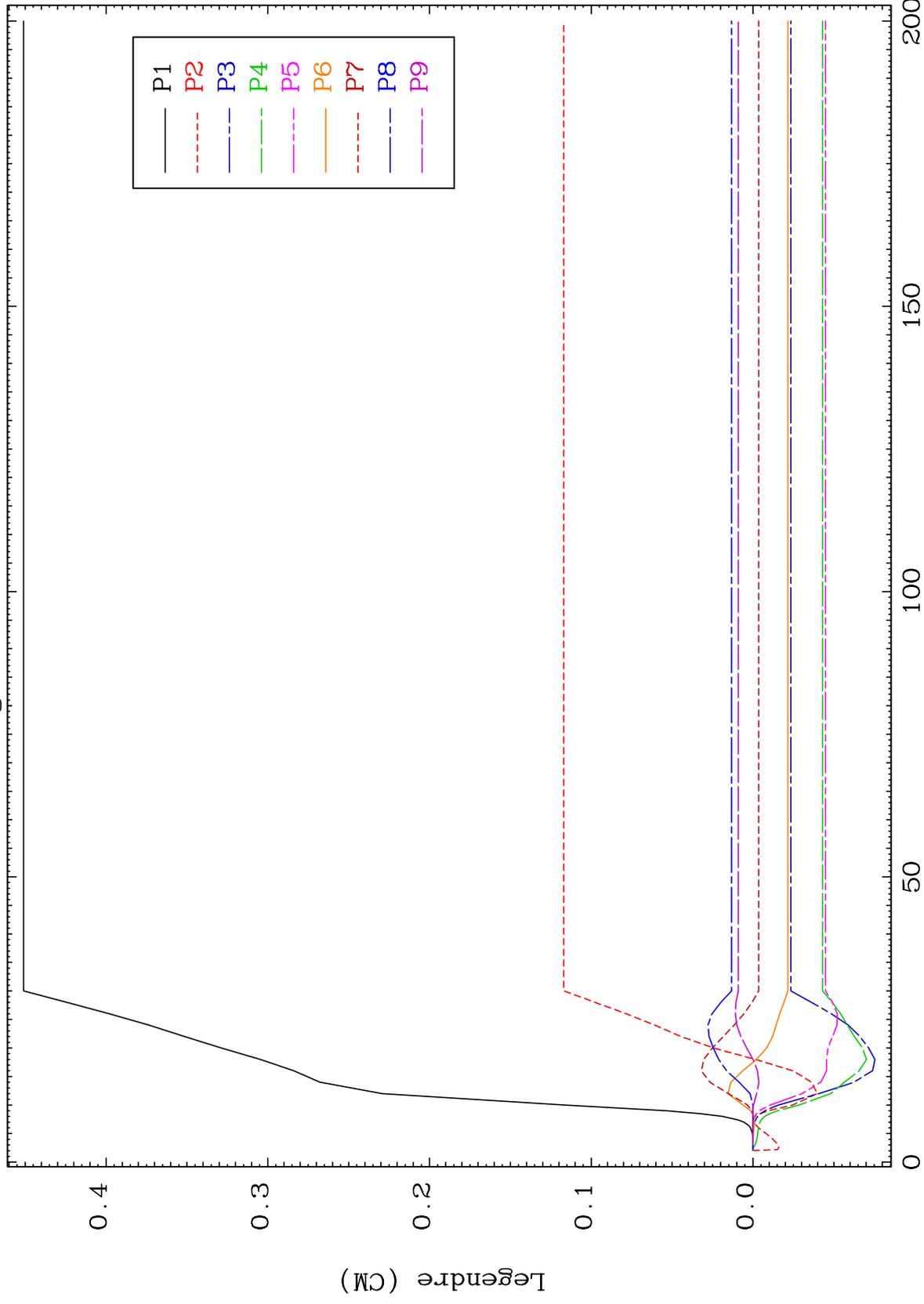
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 67 (n,n') Level
Legendre Coefficients

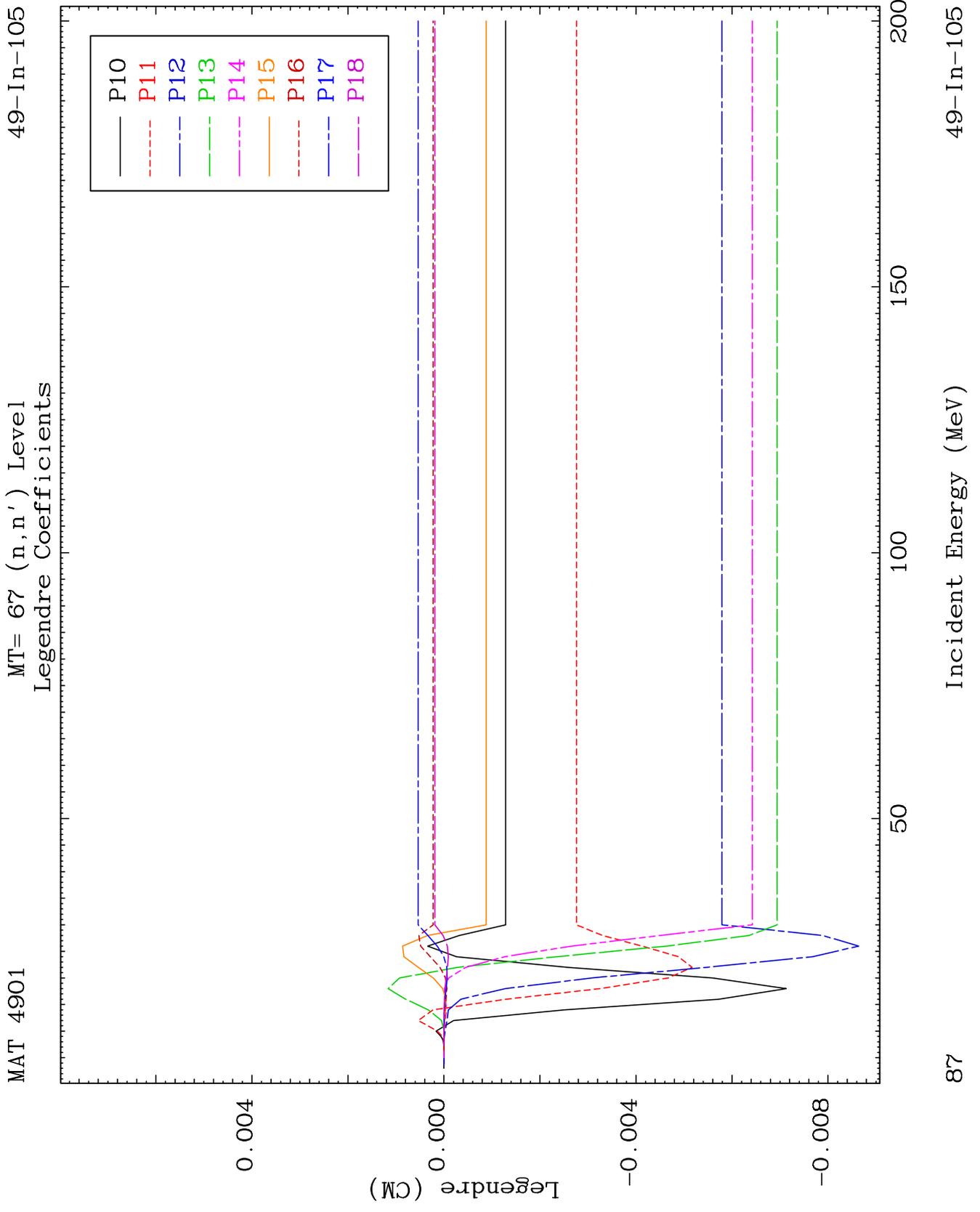
49-In-105



86

Incident Energy (MeV)

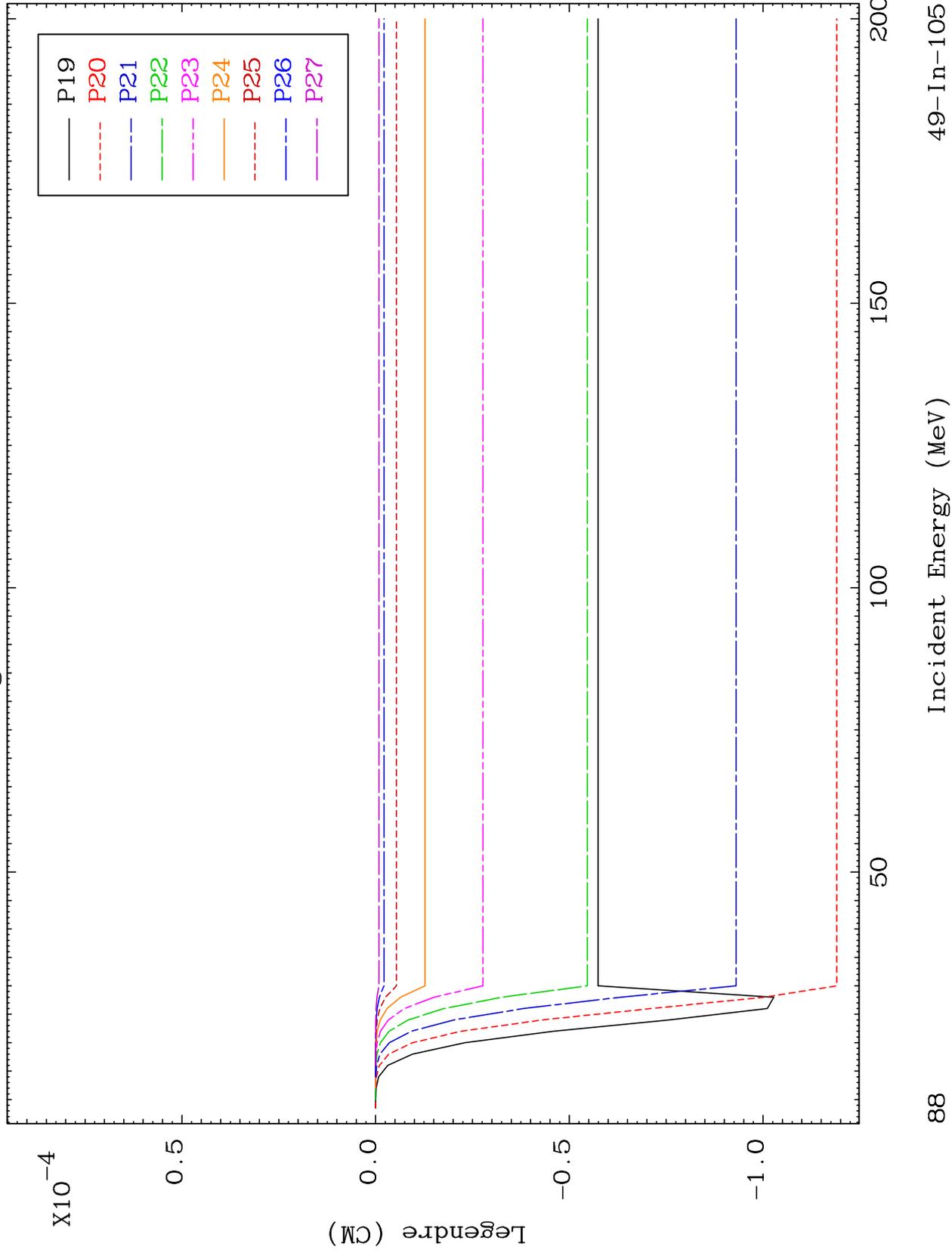
49-In-105



MAT 4901

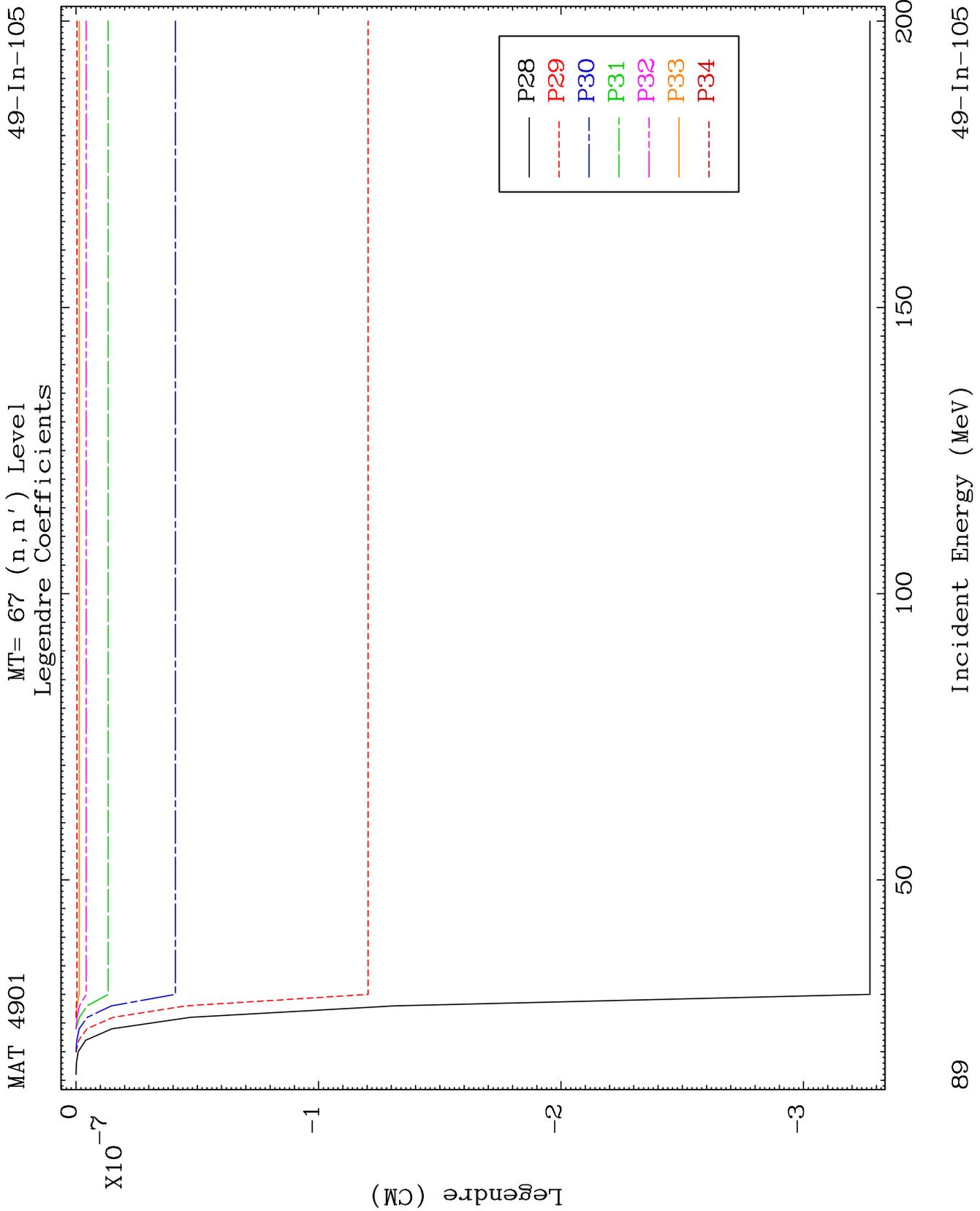
MT= 67 (n,n') Level
Legendre Coefficients

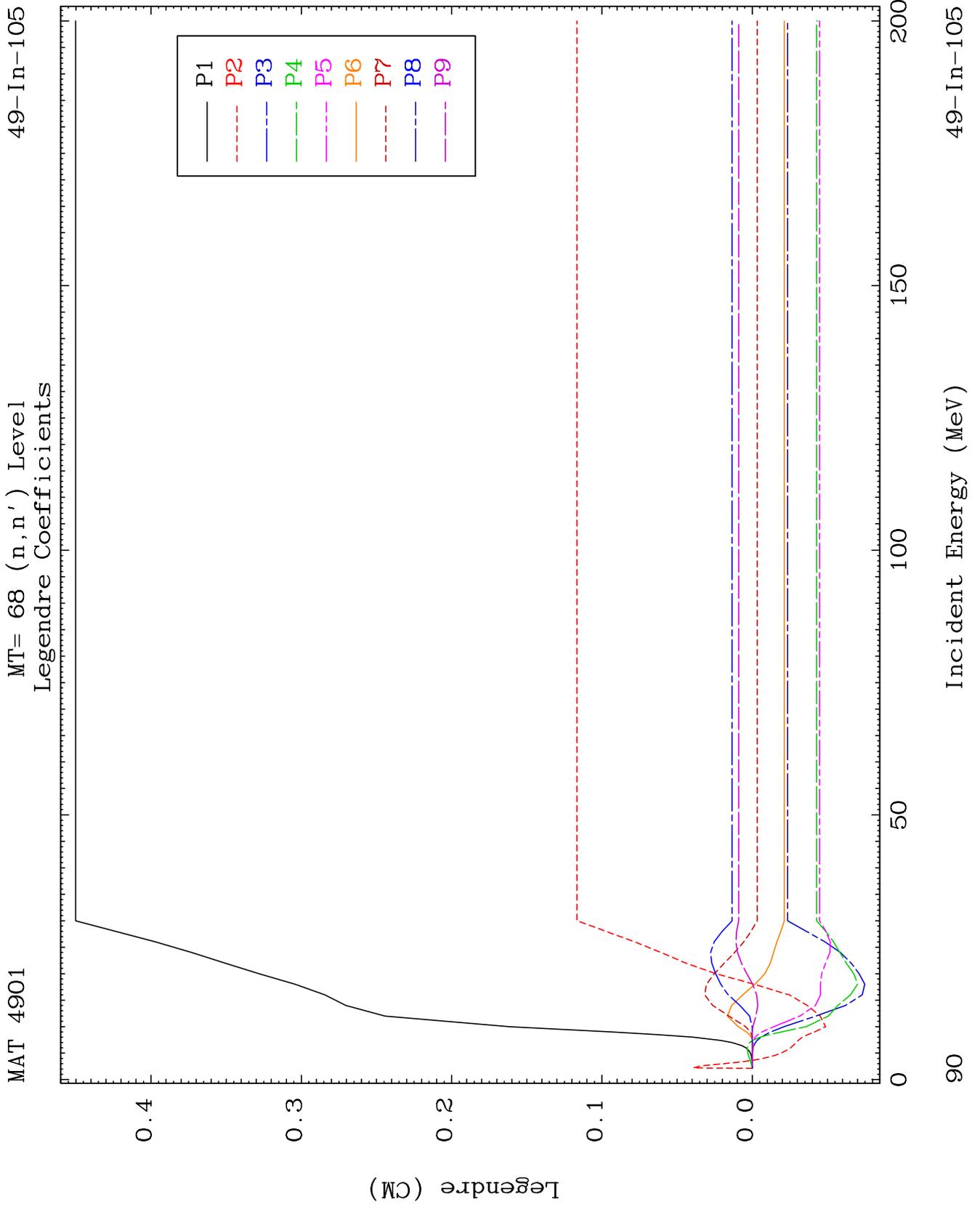
49-In-105

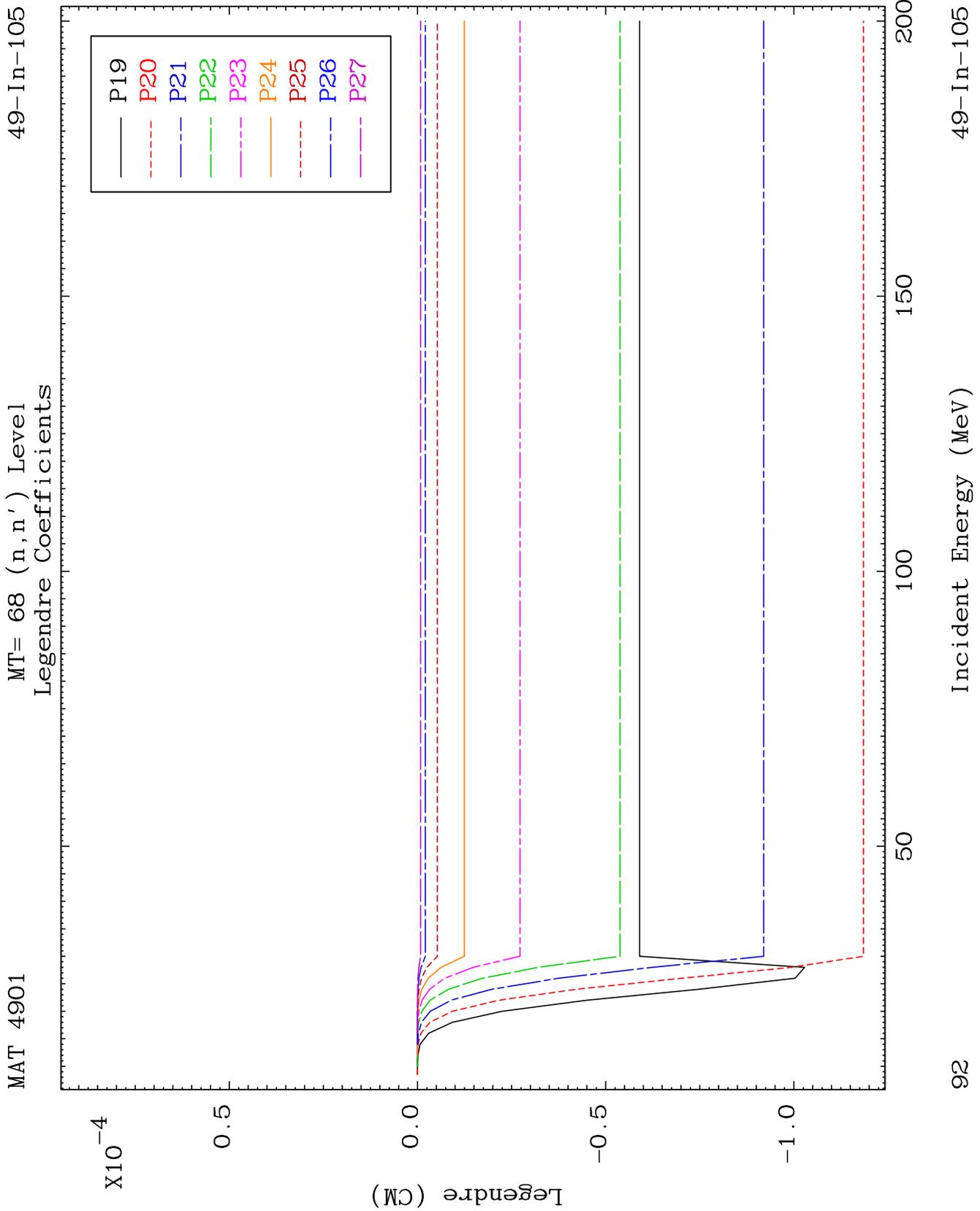


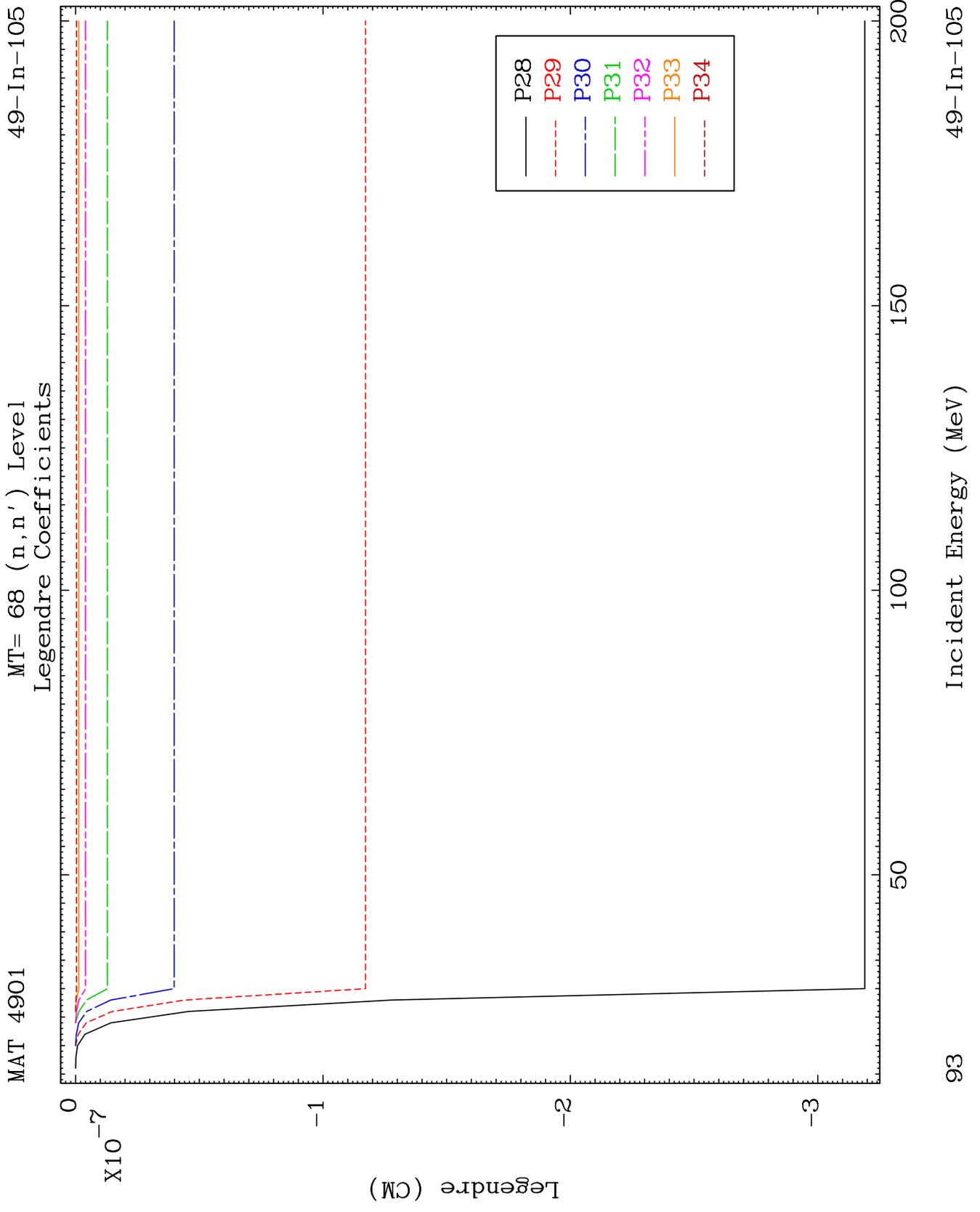
88

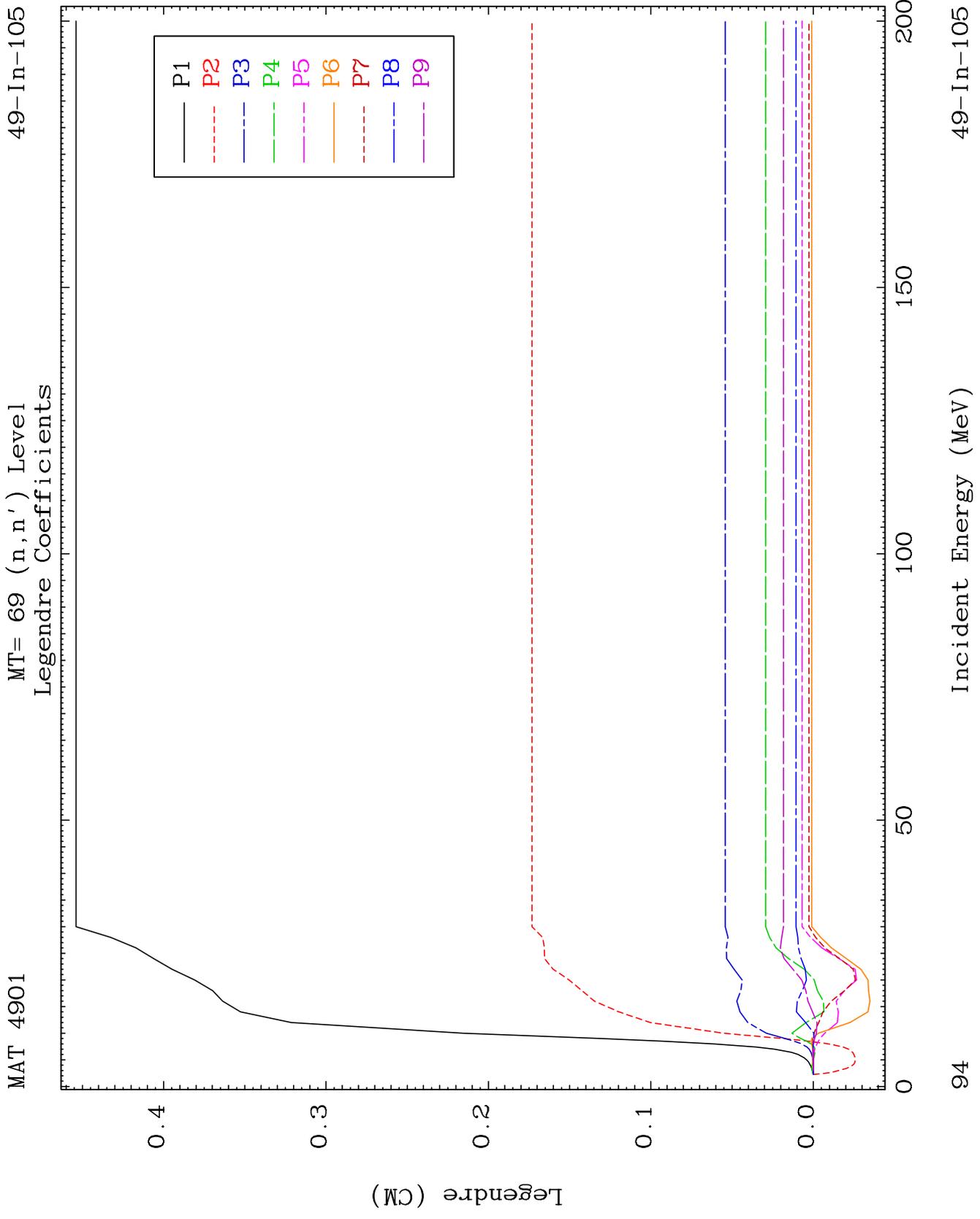
49-In-105







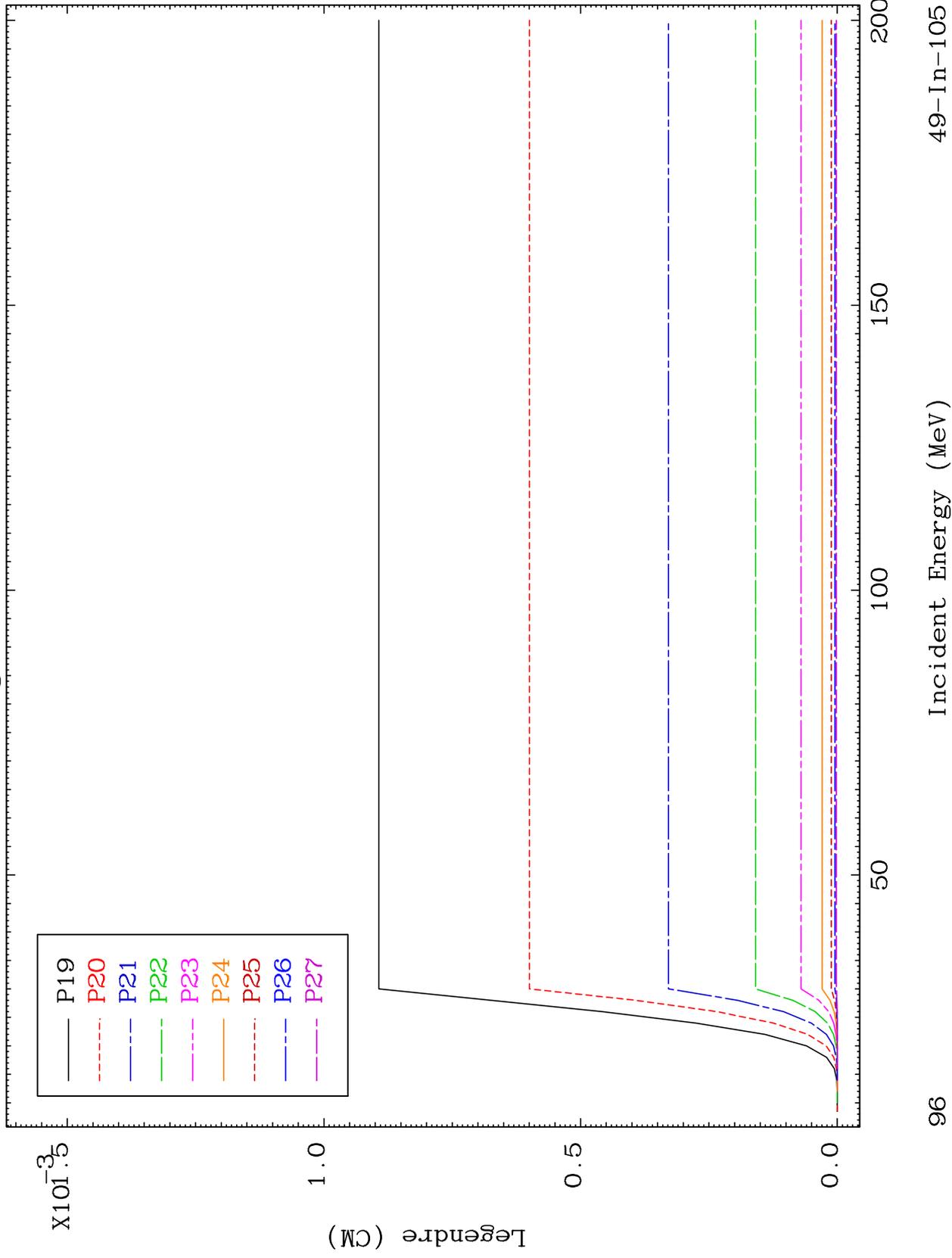




MAT 4901

MT= 69 (n,n') Level
Legendre Coefficients

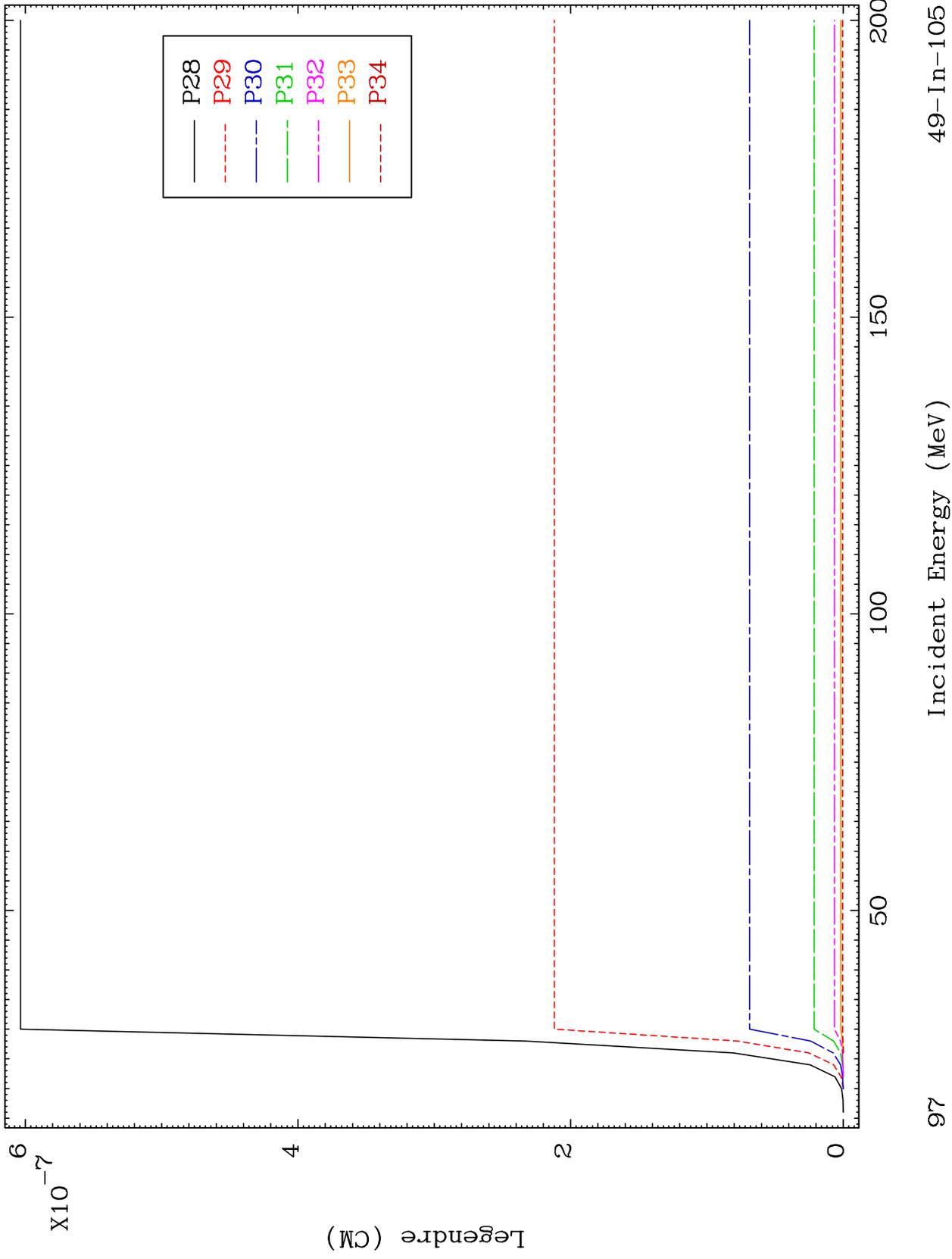
49-In-105

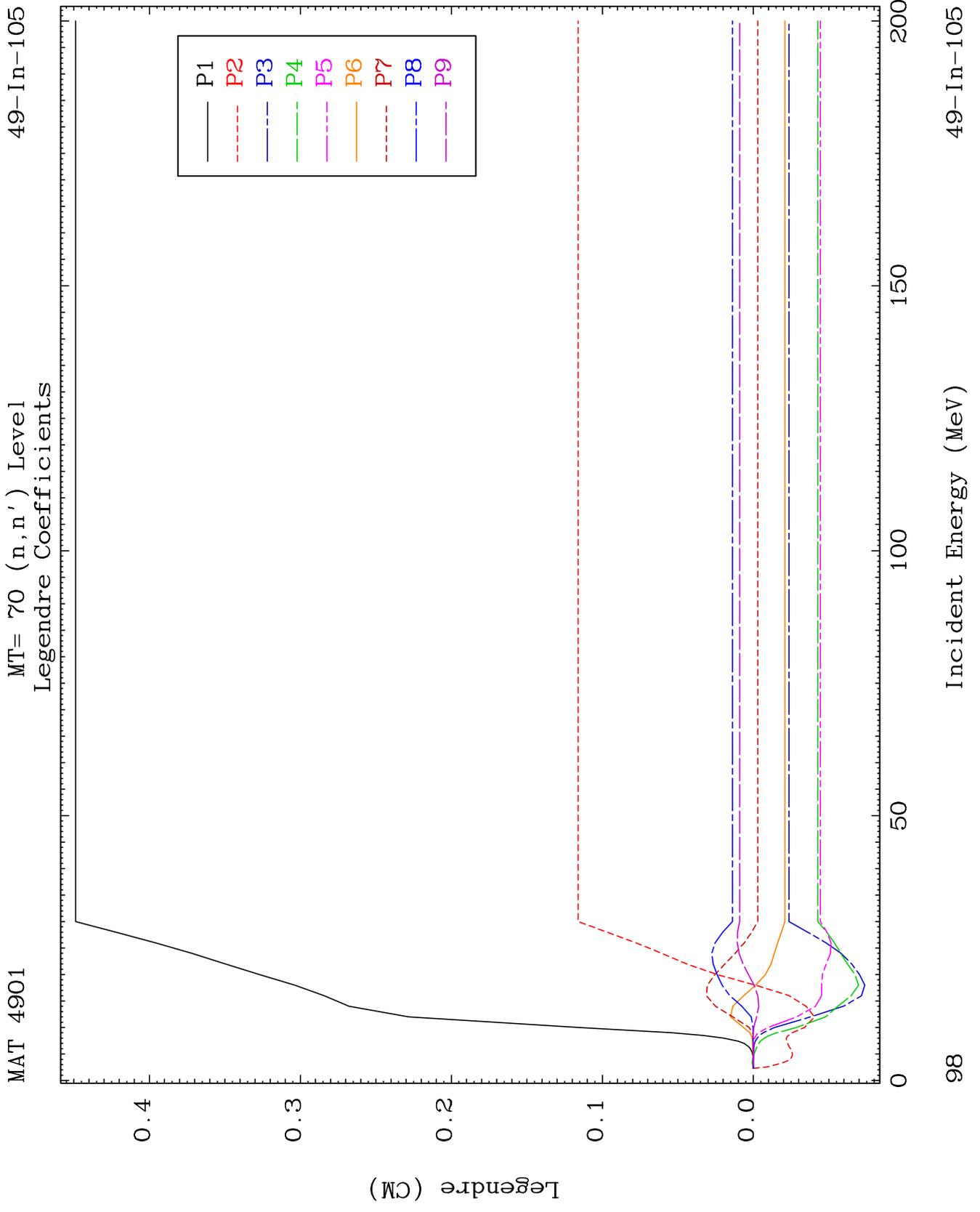


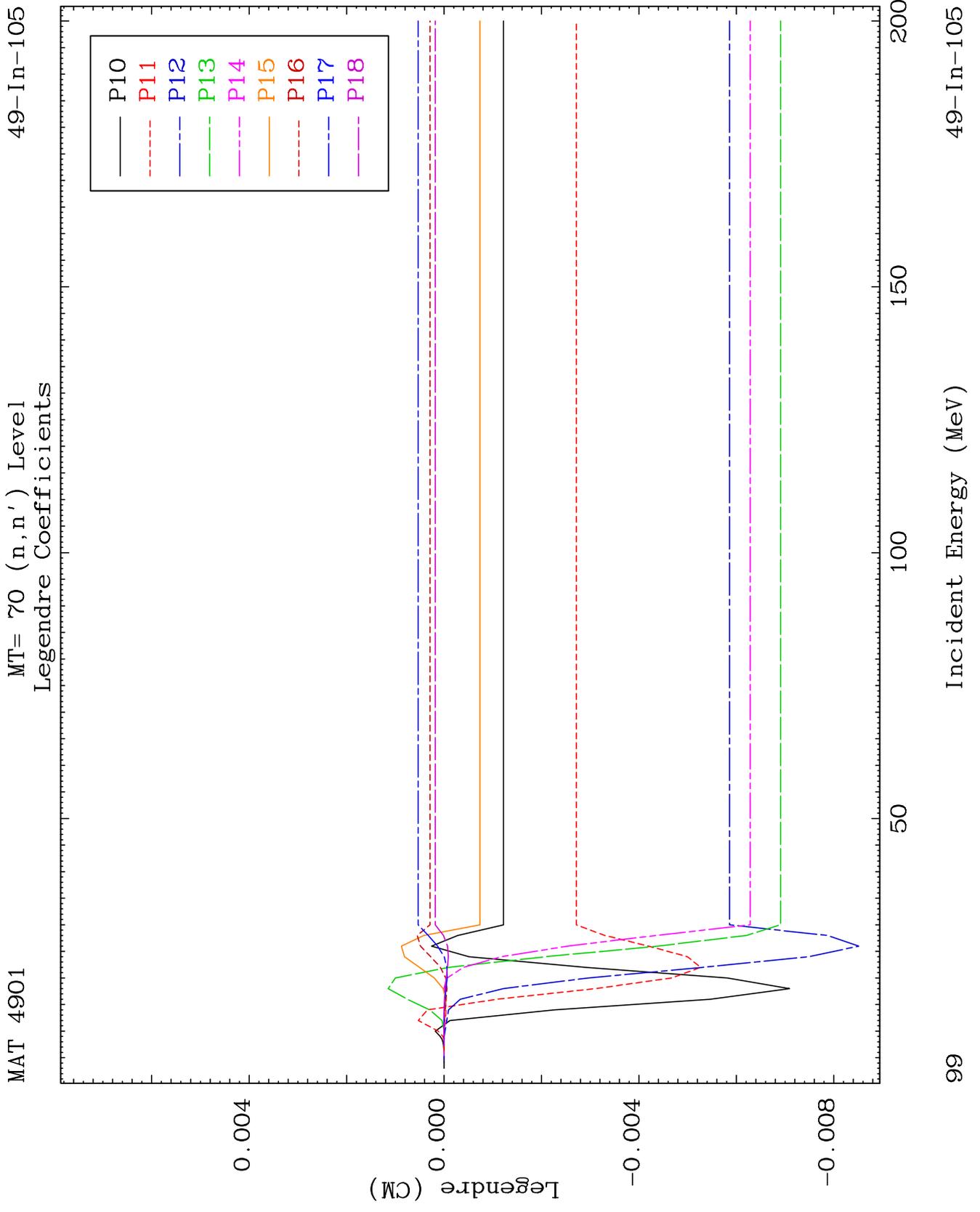
MAT 4901

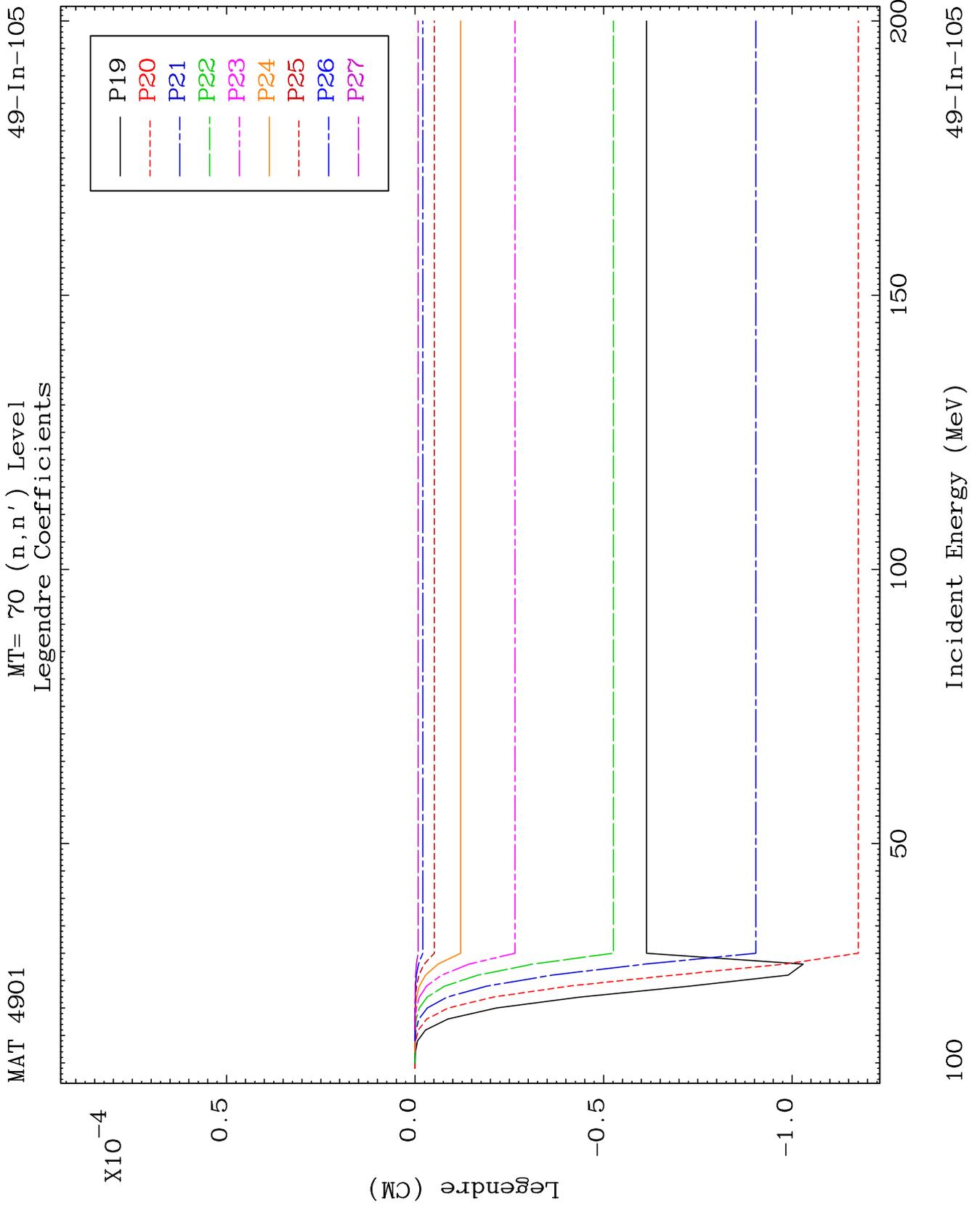
MT= 69 (n,n') Level
Legendre Coefficients

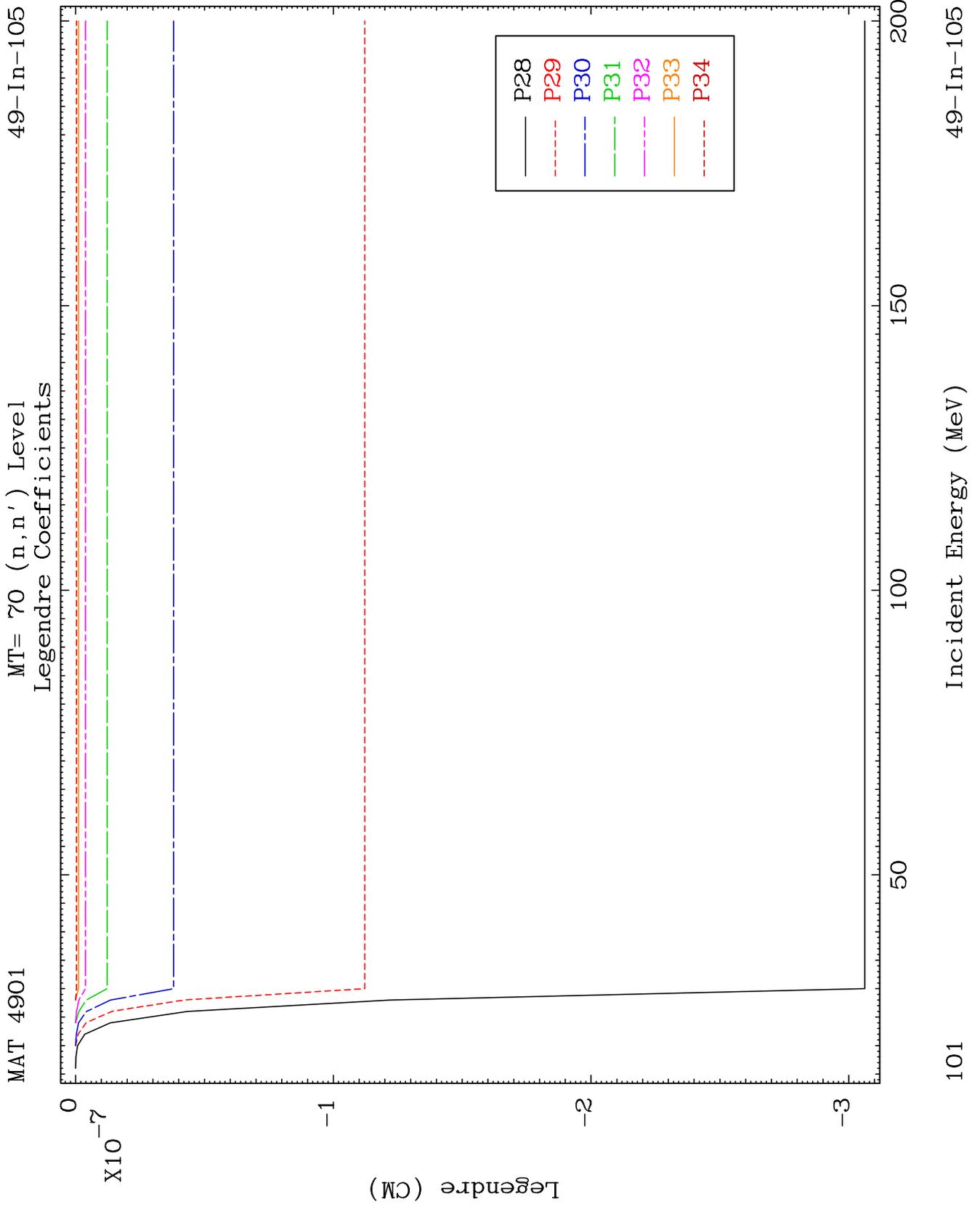
49-In-105







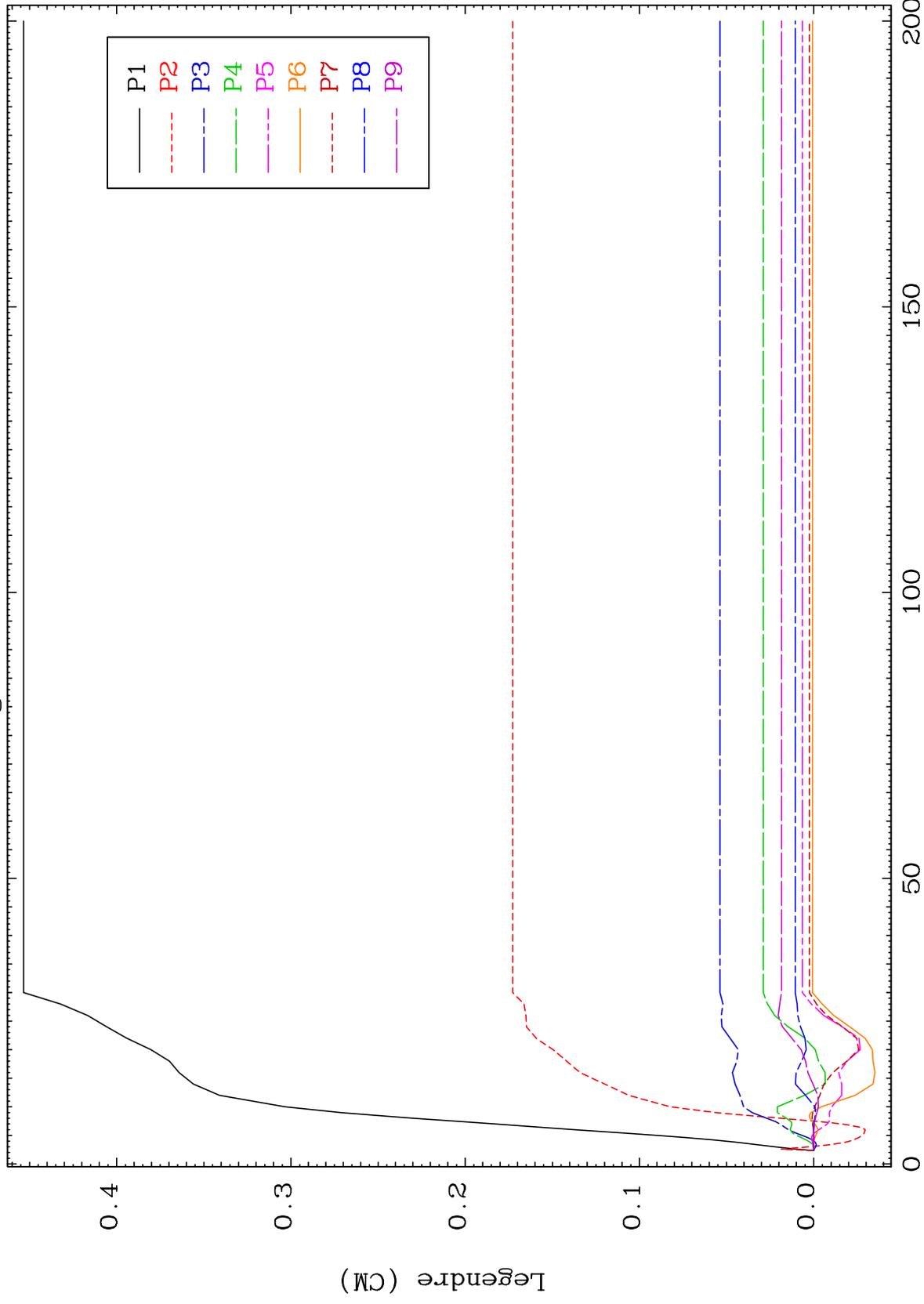




MAT 4901

MT= 71 (n,n') Level
Legendre Coefficients

49-In-105



102

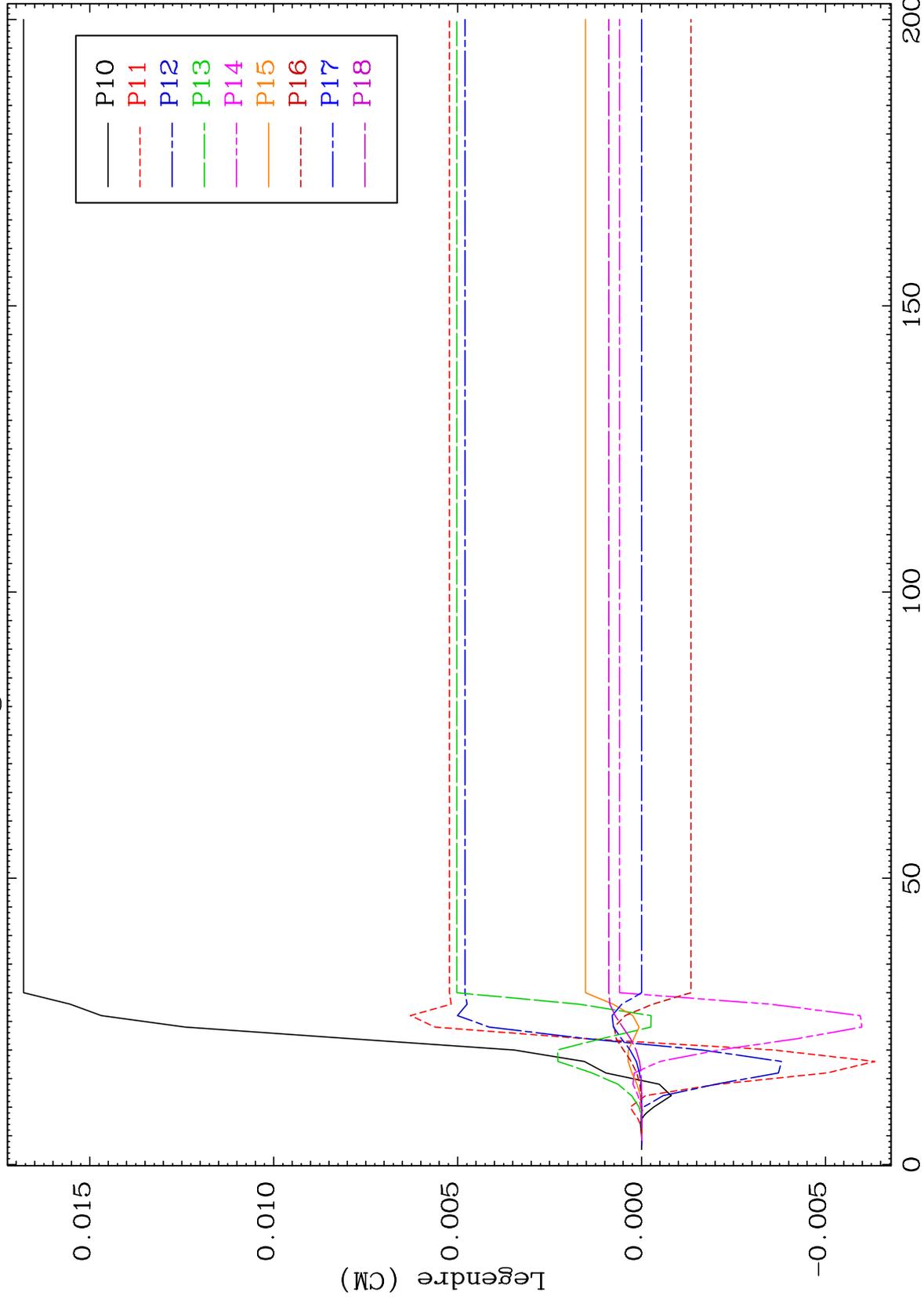
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 71 (n,n') Level
Legendre Coefficients

49-In-105



103

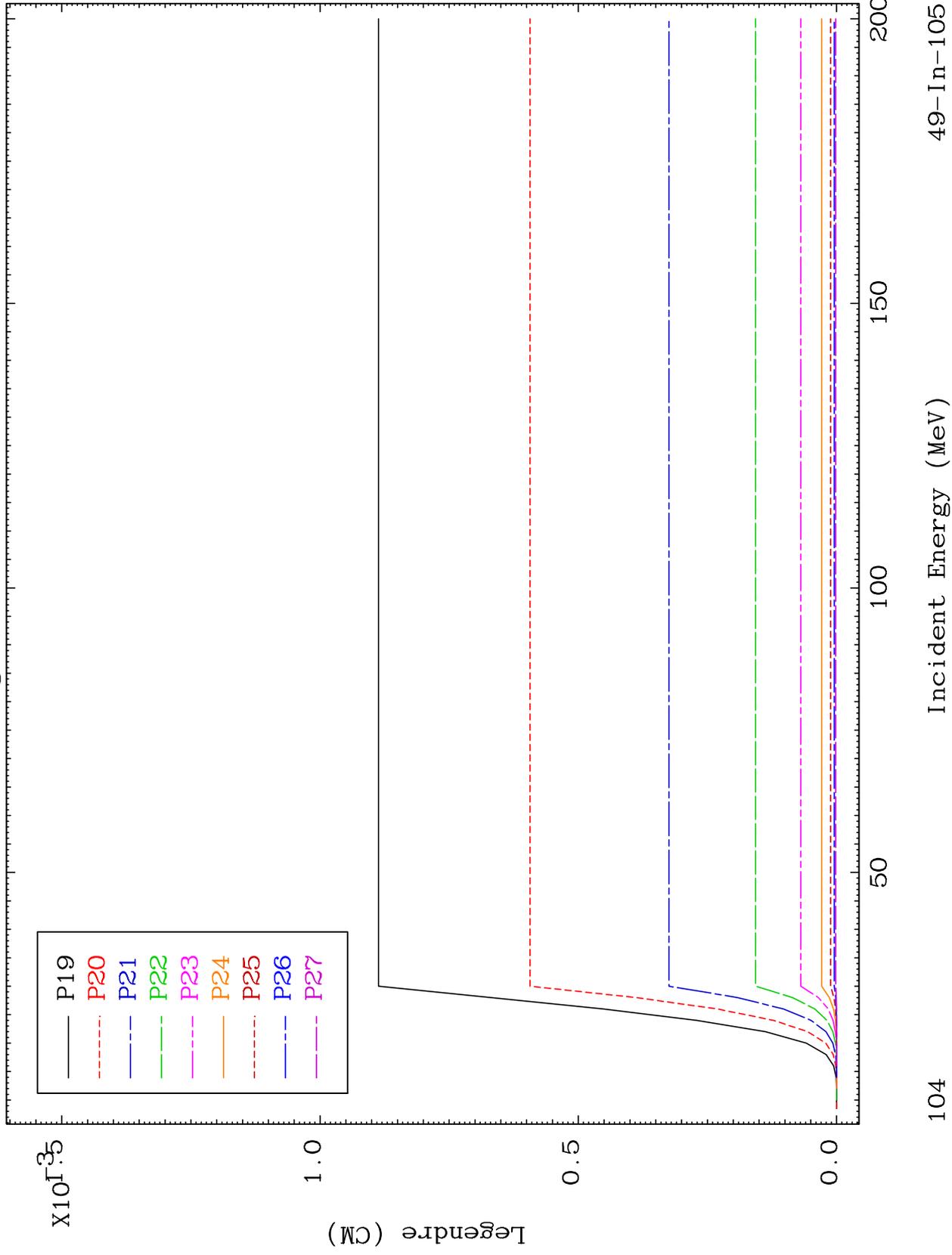
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 71 (n,n') Level
Legendre Coefficients

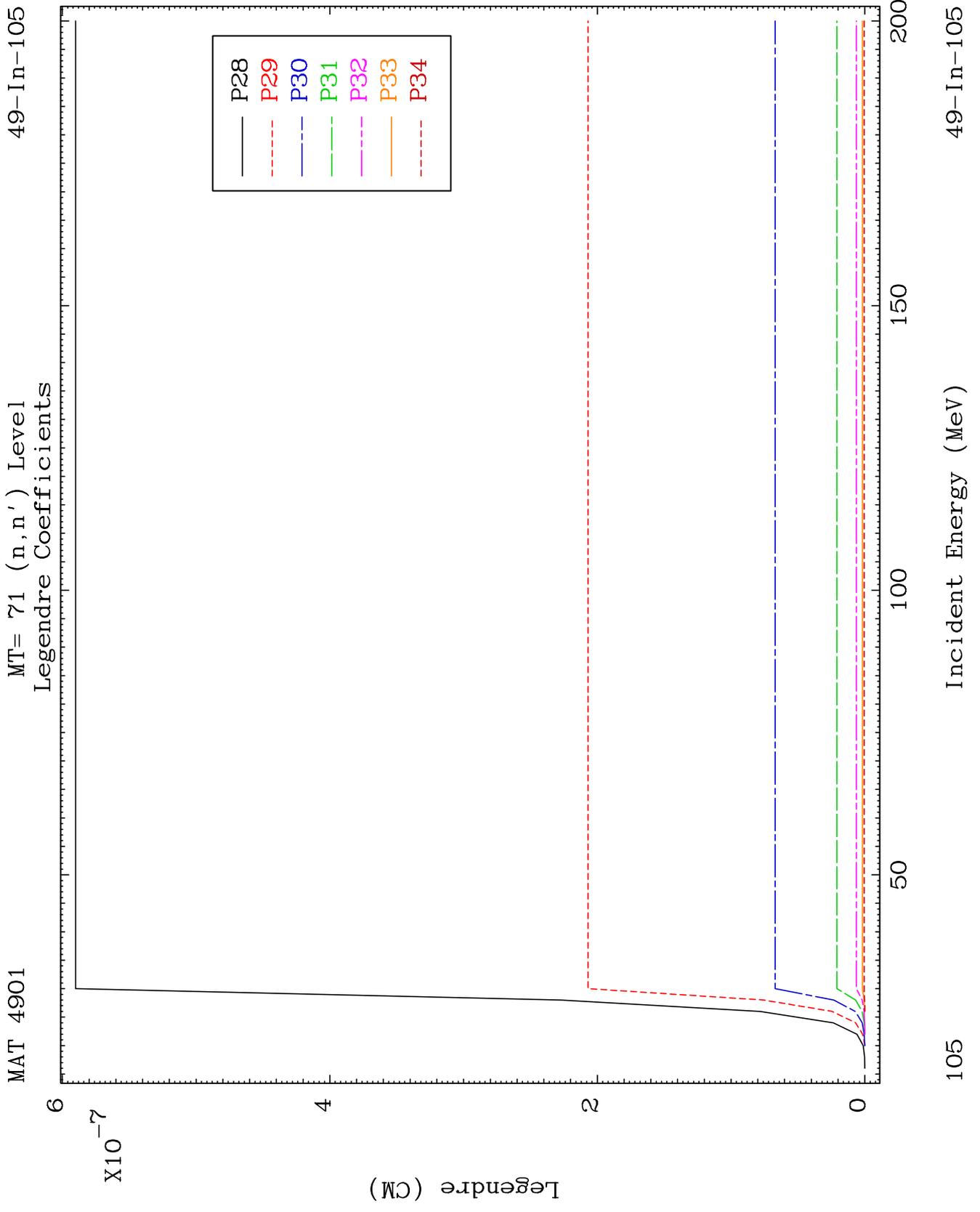
49-In-105



104

Incident Energy (MeV)

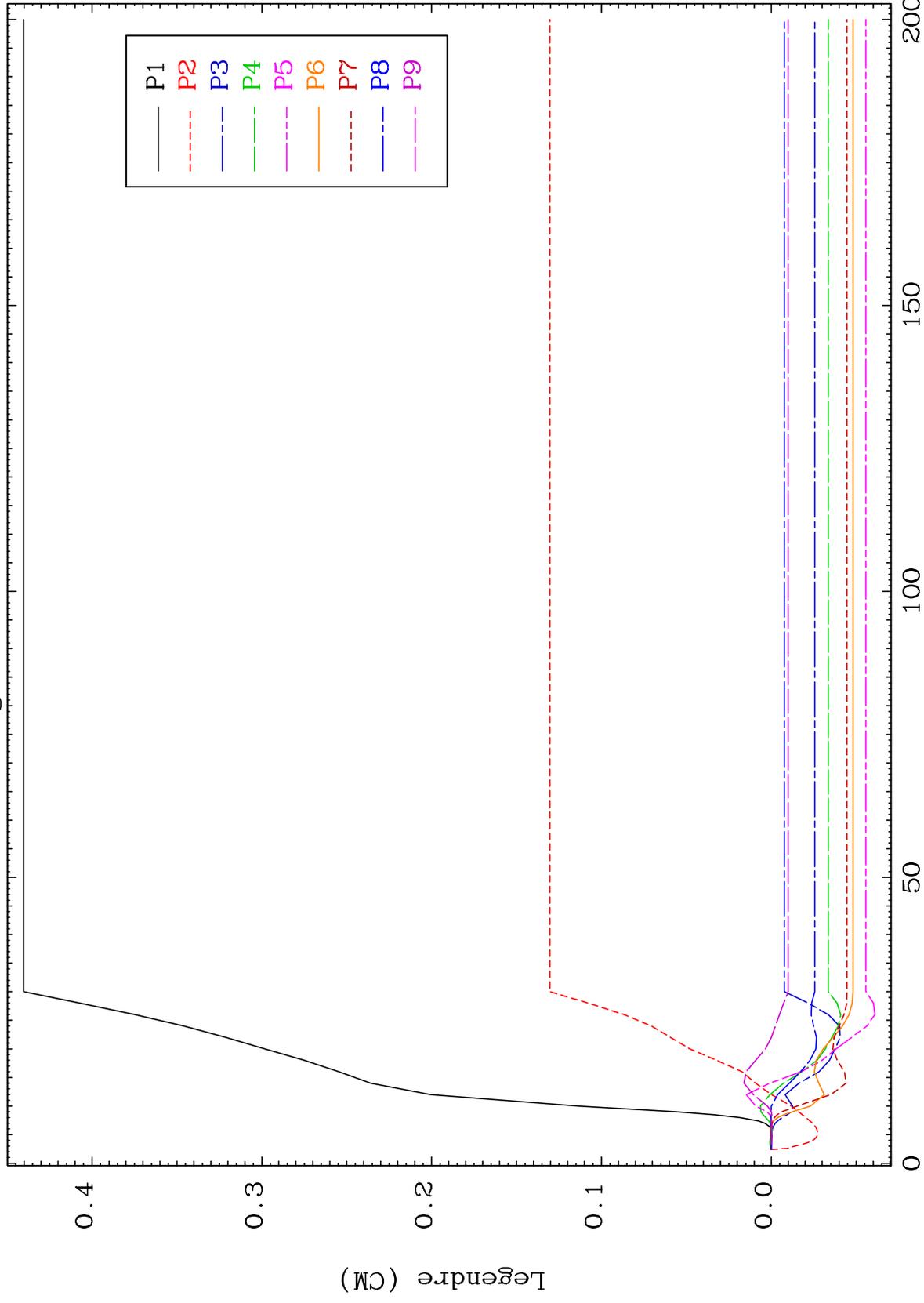
49-In-105



MAT 4901

MT= 72 (n,n') Level
Legendre Coefficients

49-In-105



106

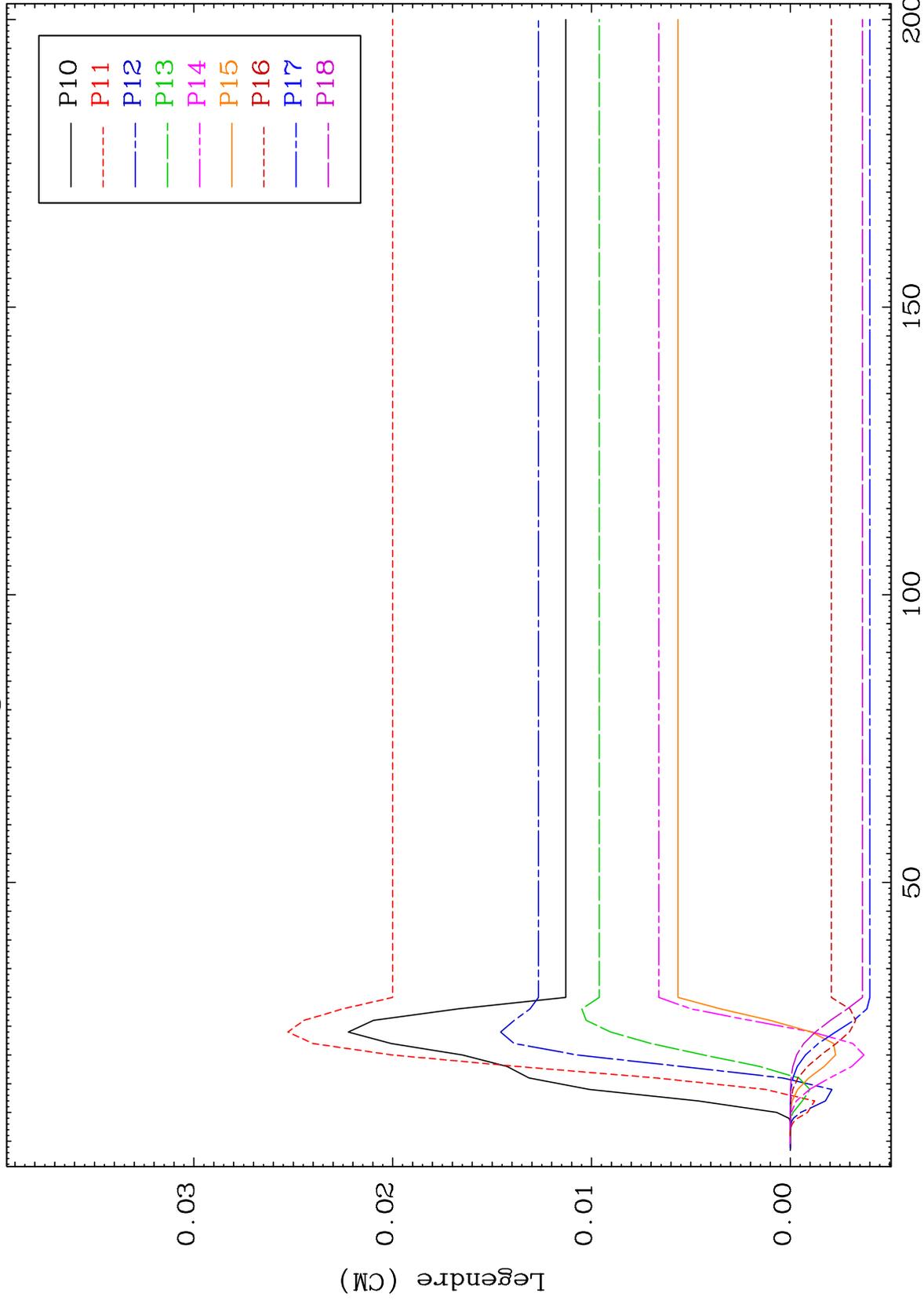
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 72 (n,n') Level
Legendre Coefficients

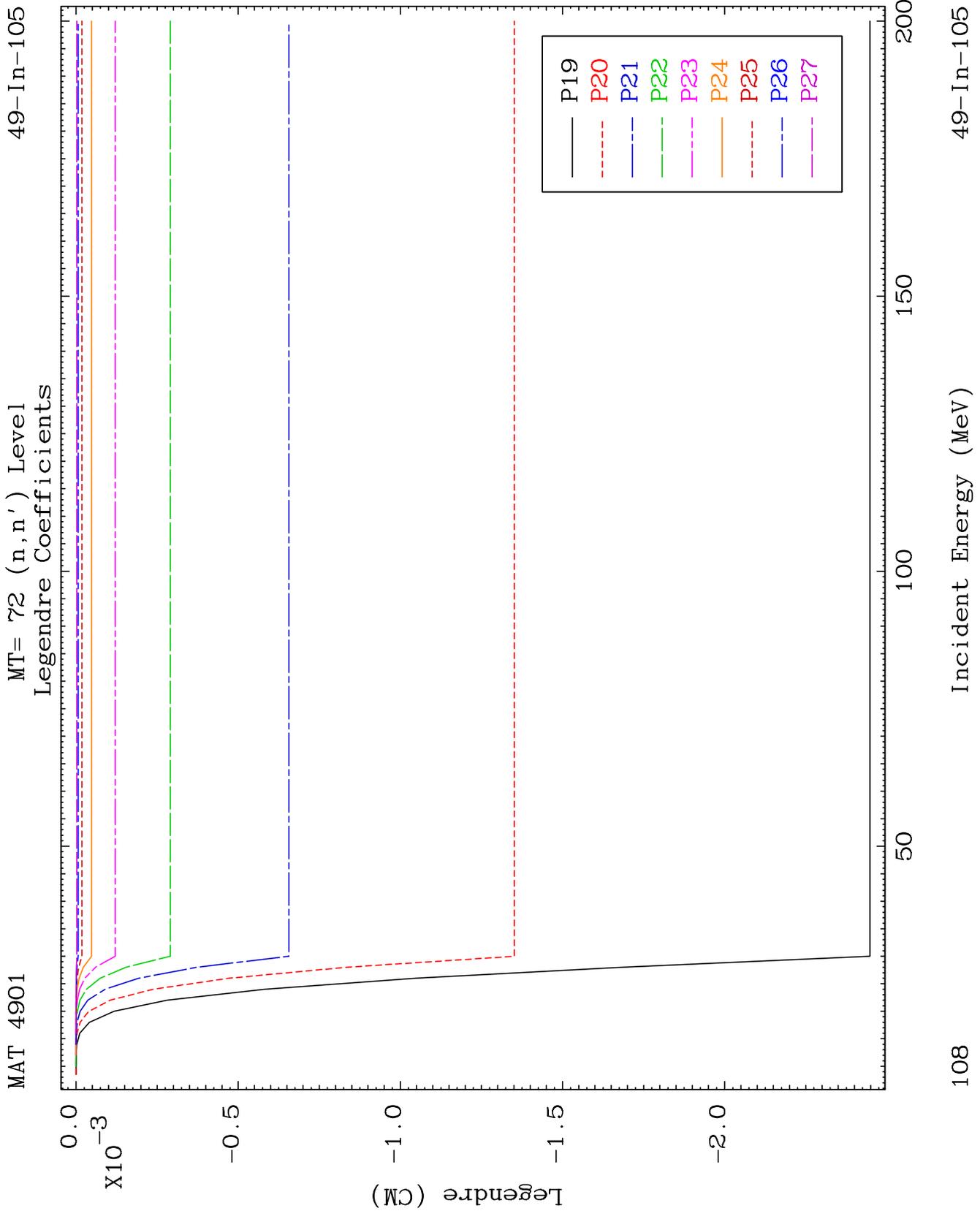
49-In-105

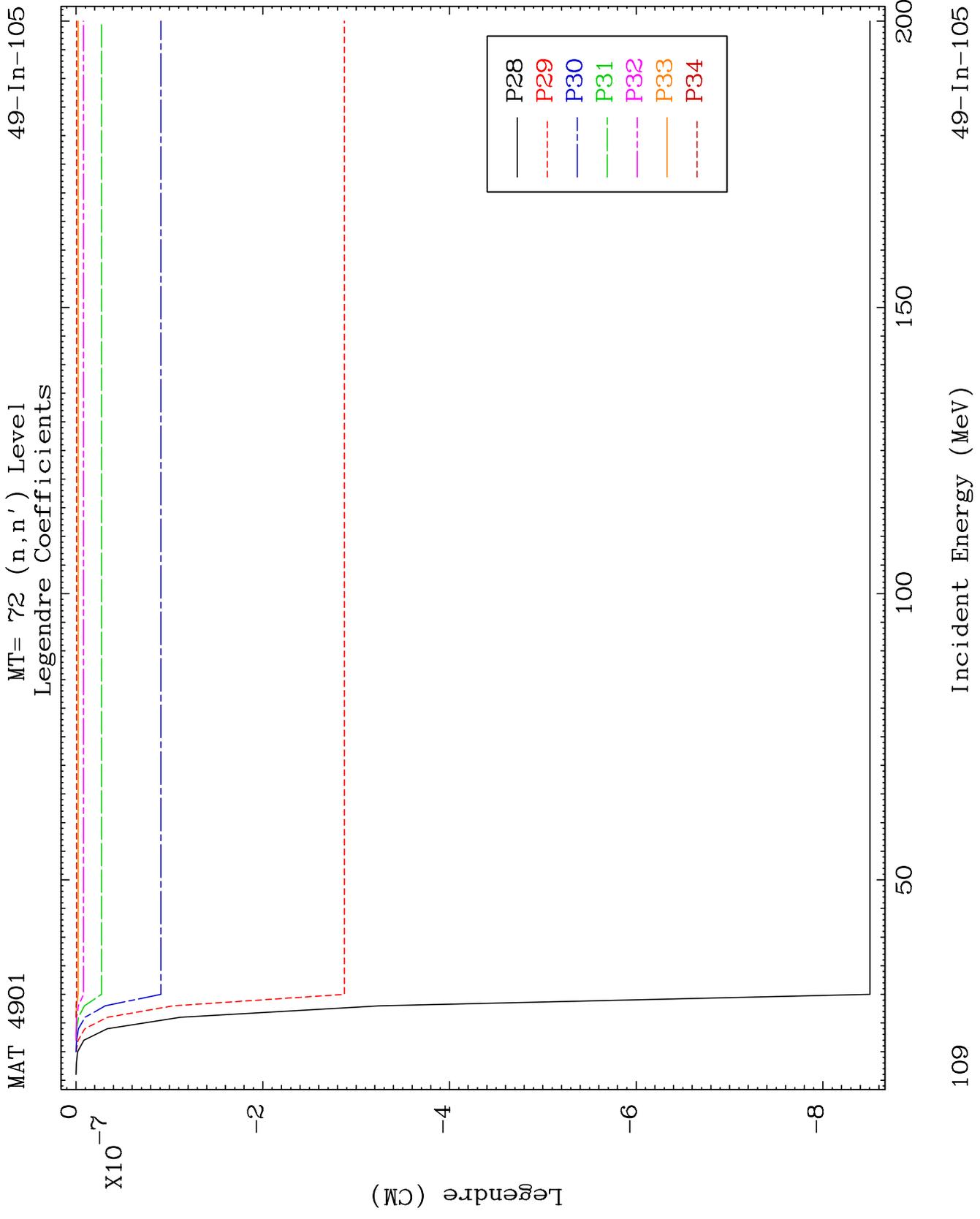


107

Incident Energy (MeV)

49-In-105

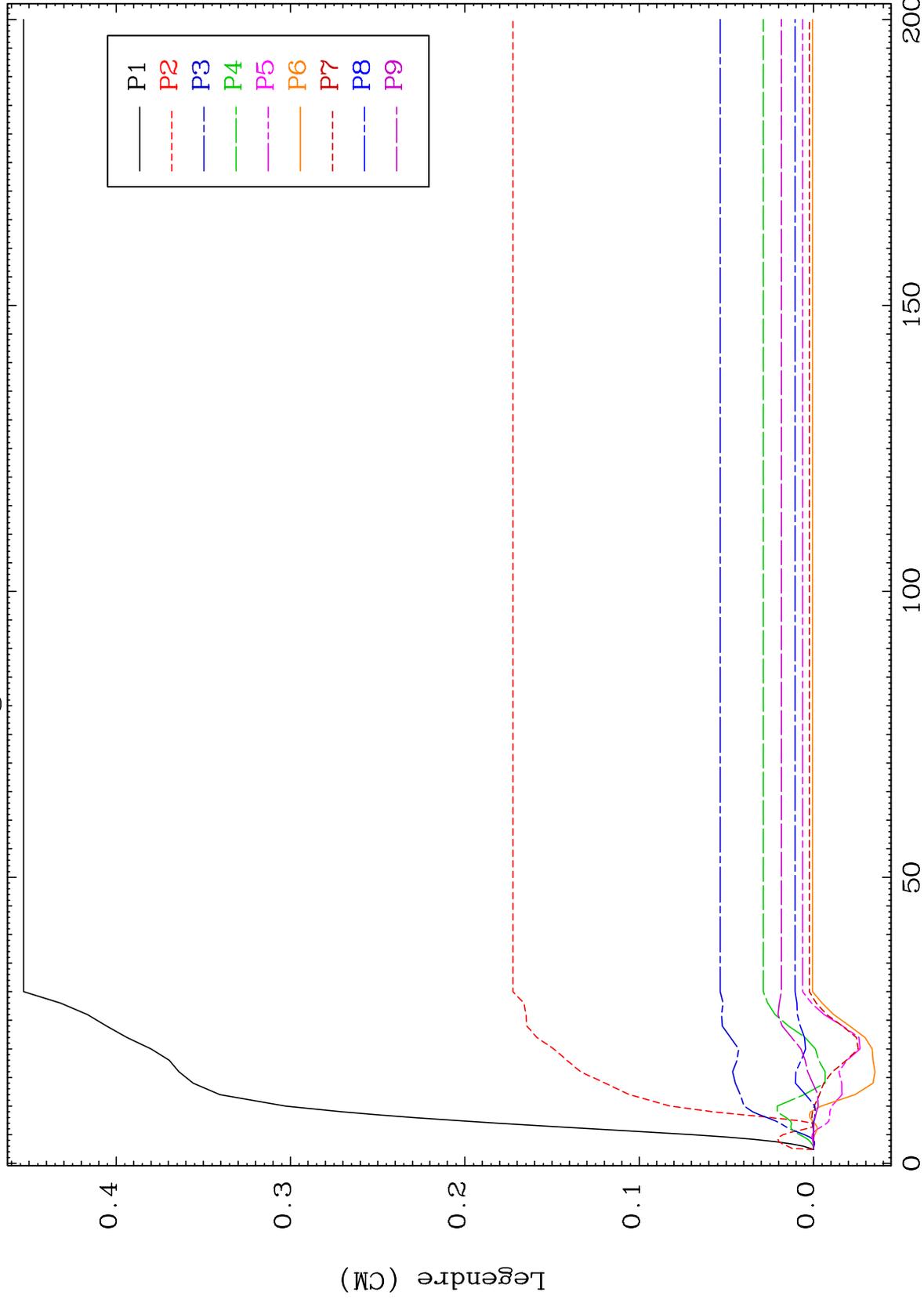




MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

49-In-105



110

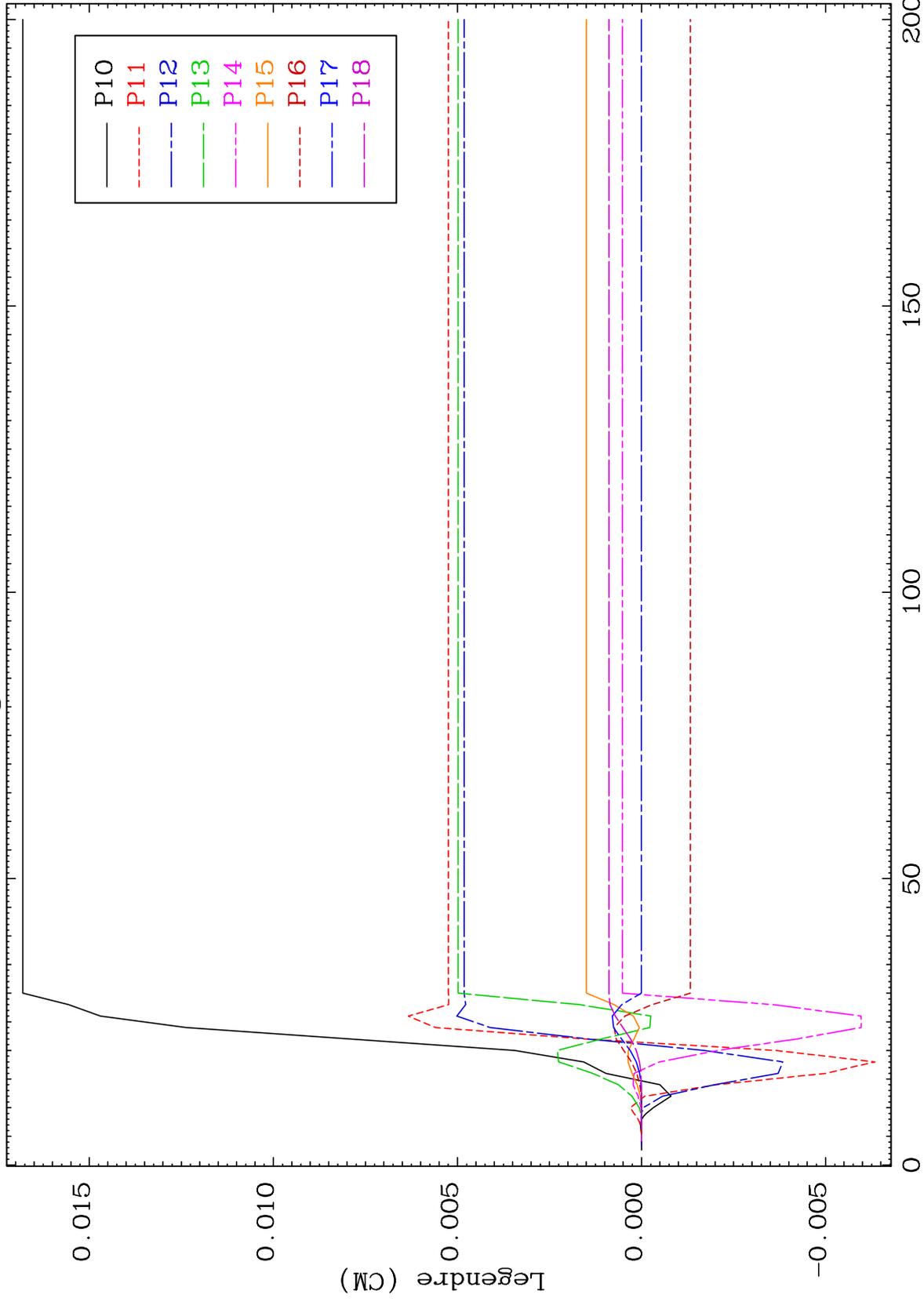
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

49-In-105



111

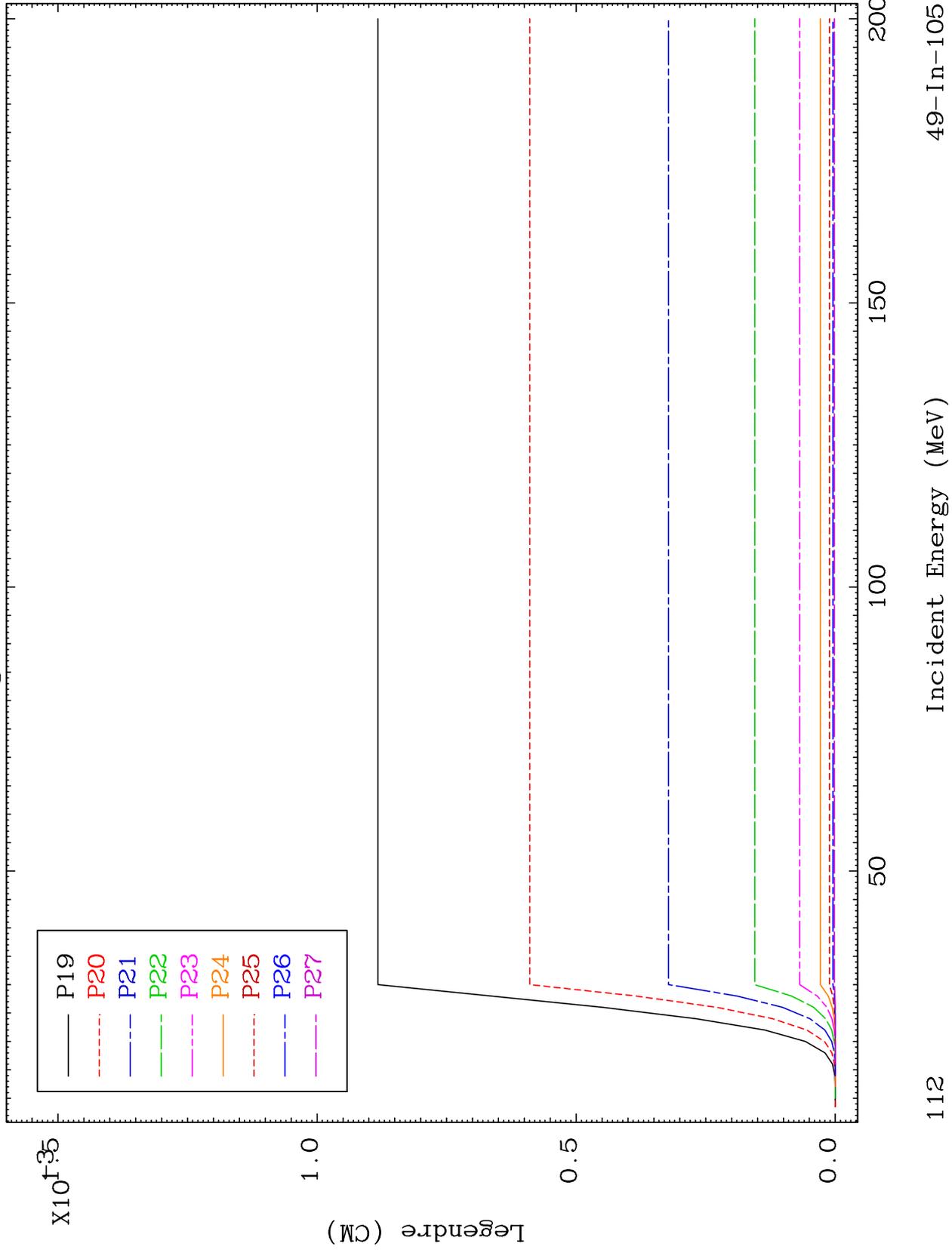
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

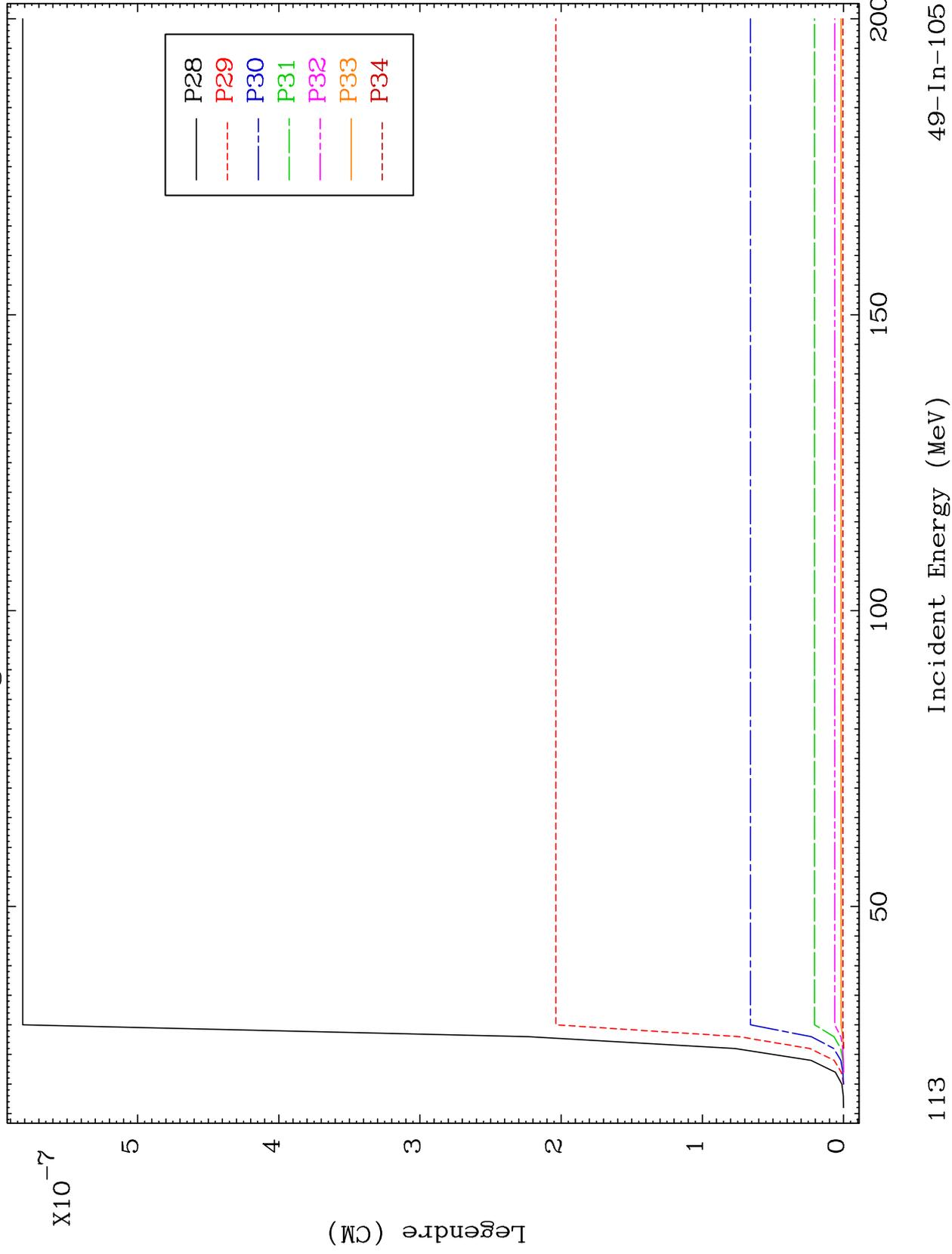
49-In-105



MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

49-In-105

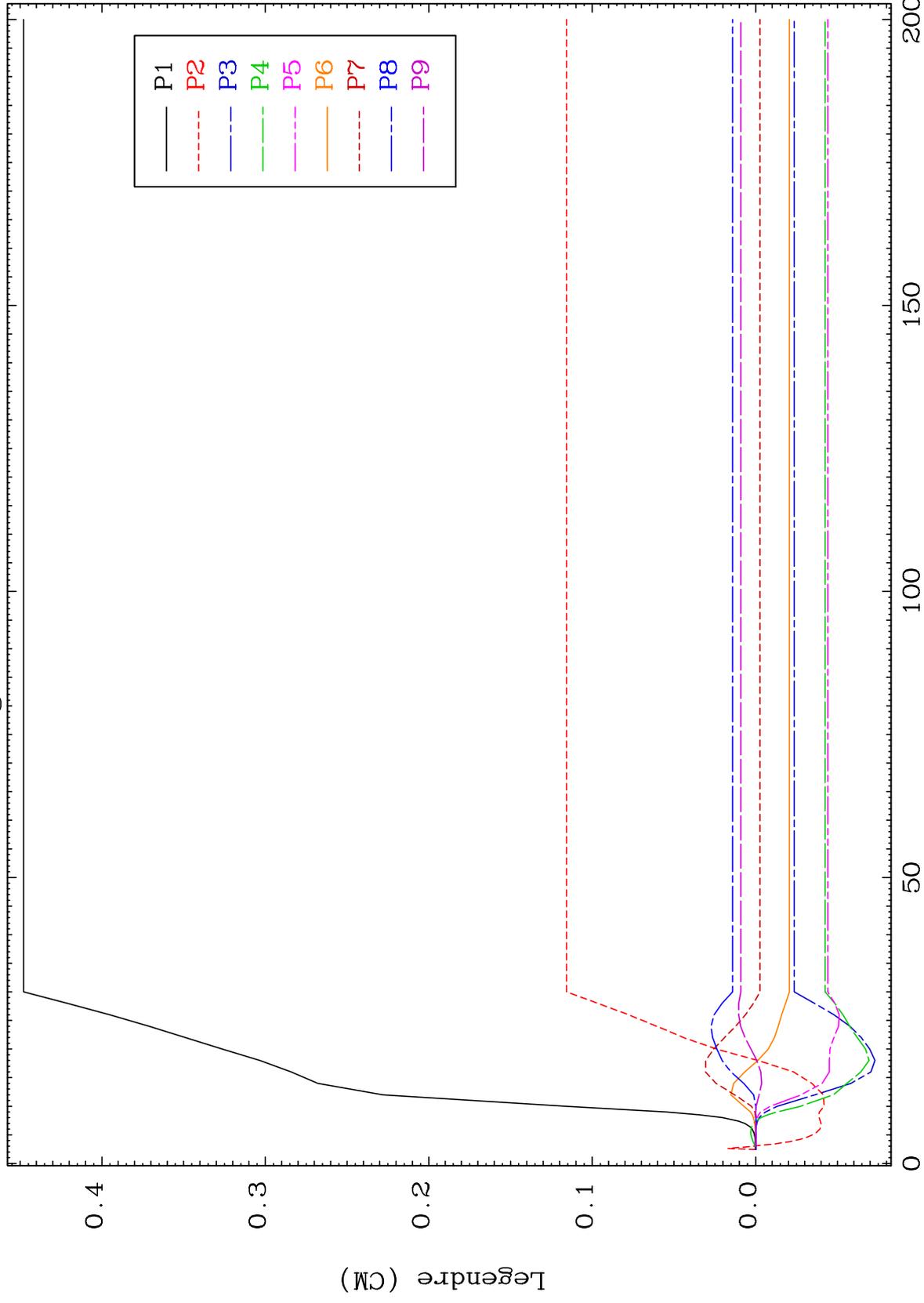


113

MAT 4901

MT= 74 (n,n') Level
Legendre Coefficients

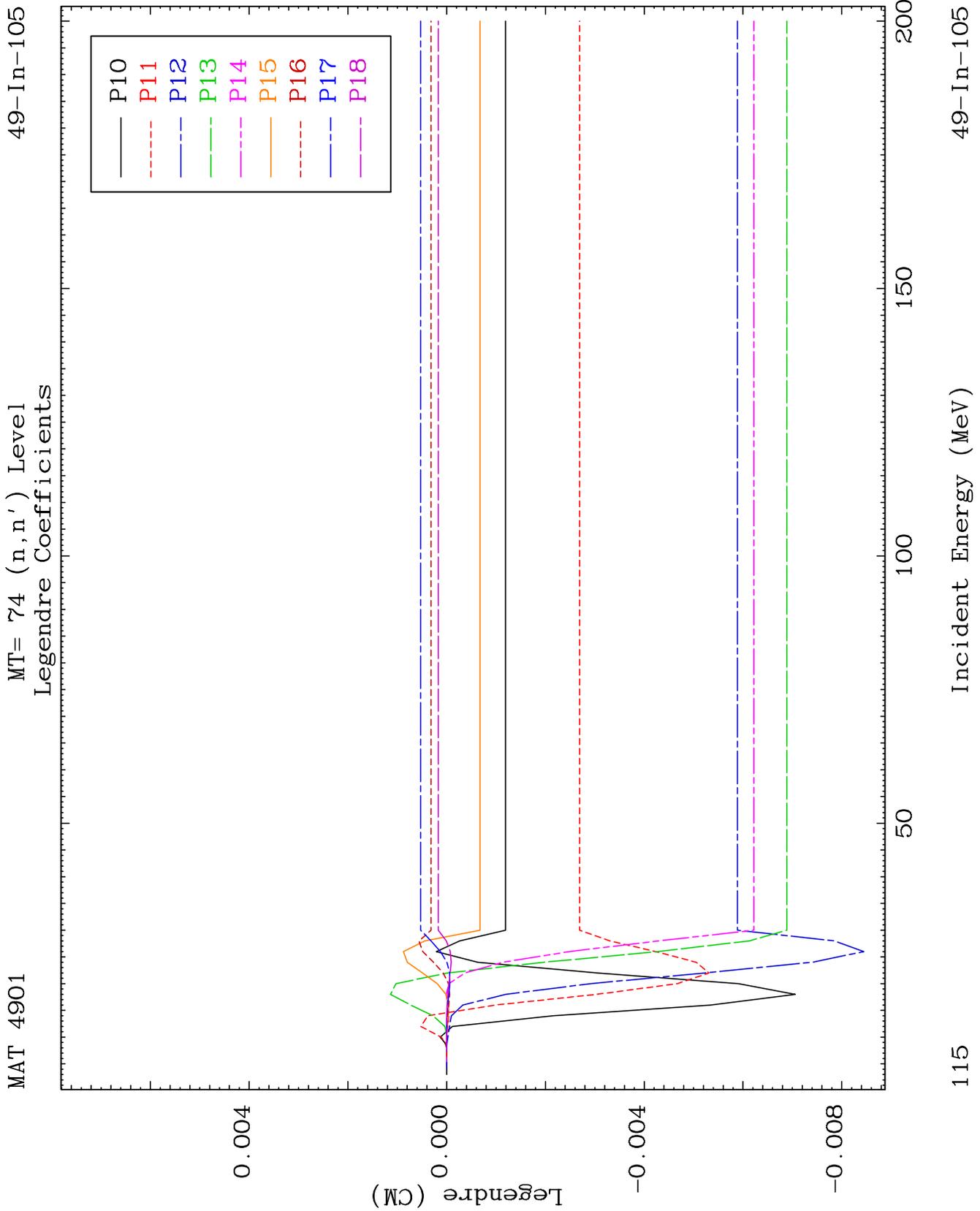
49-In-105



114

Incident Energy (MeV)

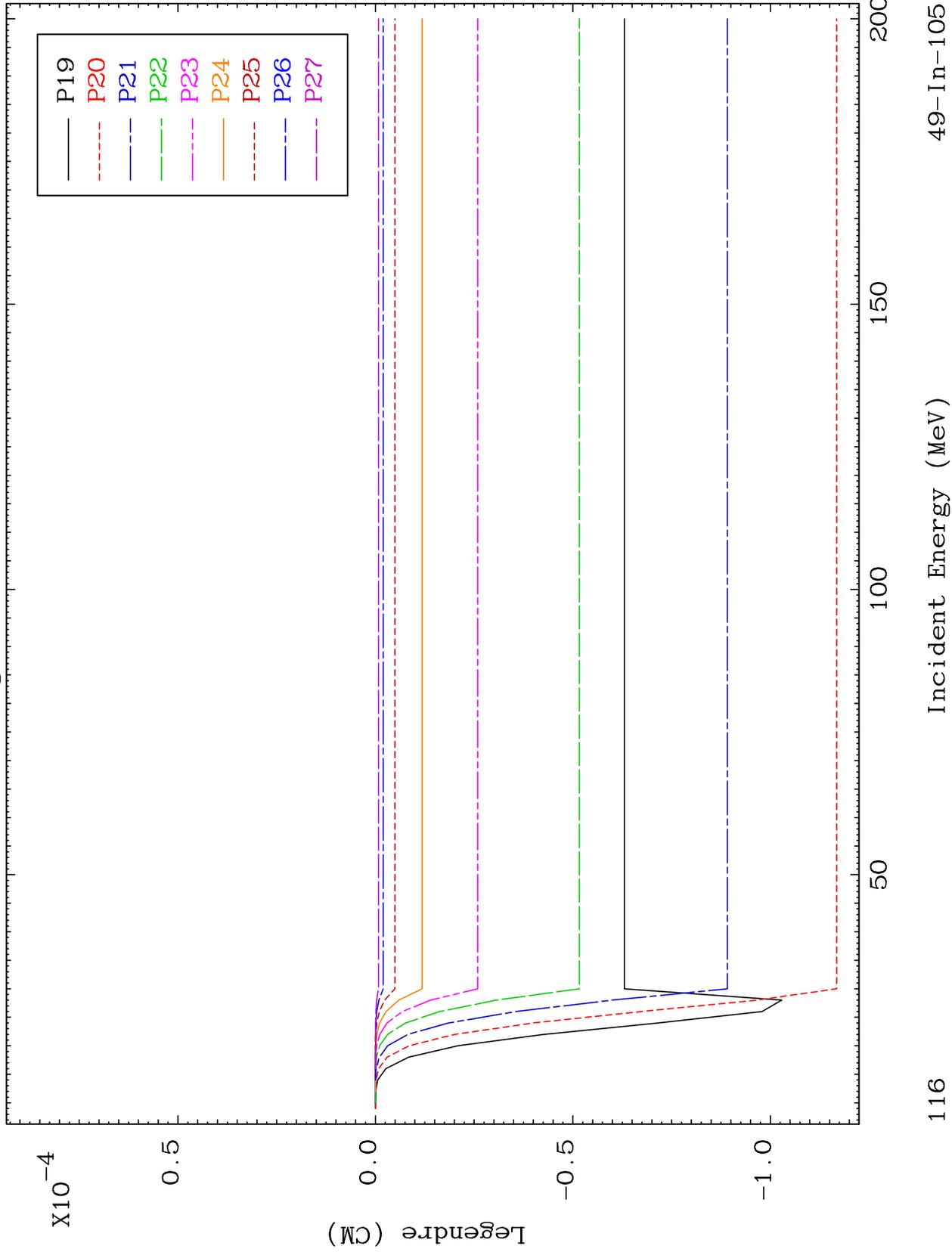
49-In-105



MAT 4901

MT= 74 (n,n') Level
Legendre Coefficients

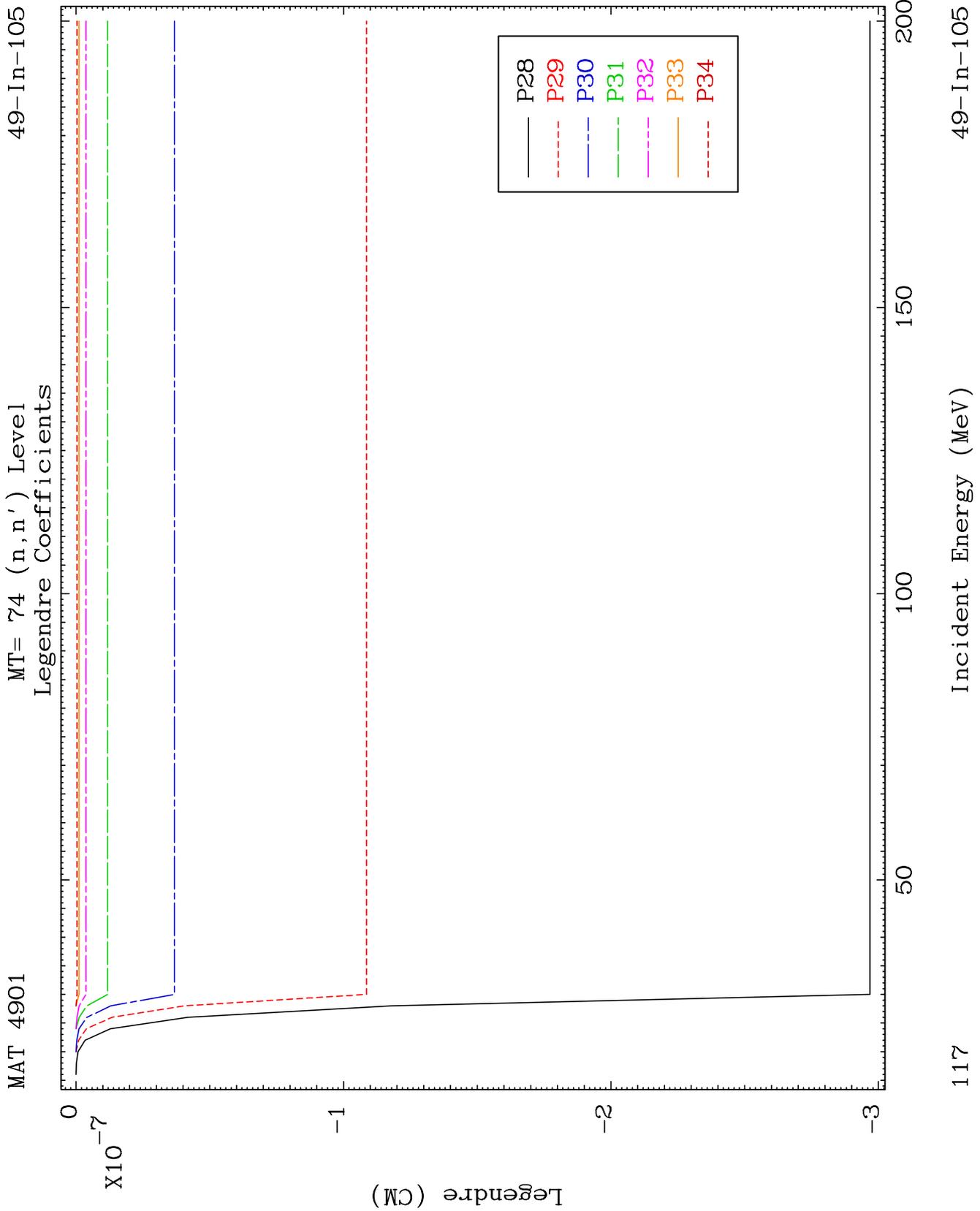
49-In-105



116

Incident Energy (MeV)

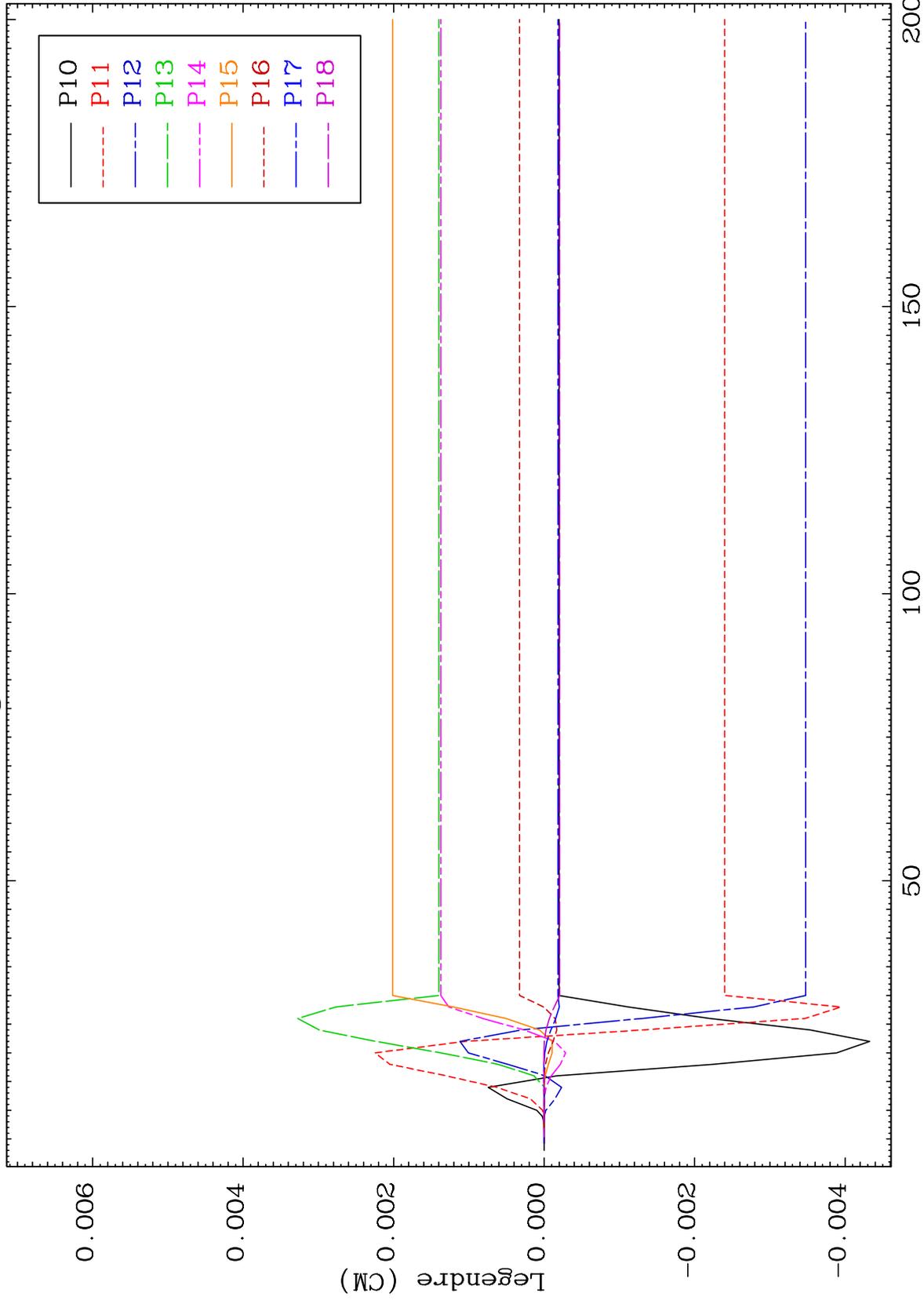
49-In-105



MAT 4901

MT= 75 (n,n') Level
Legendre Coefficients

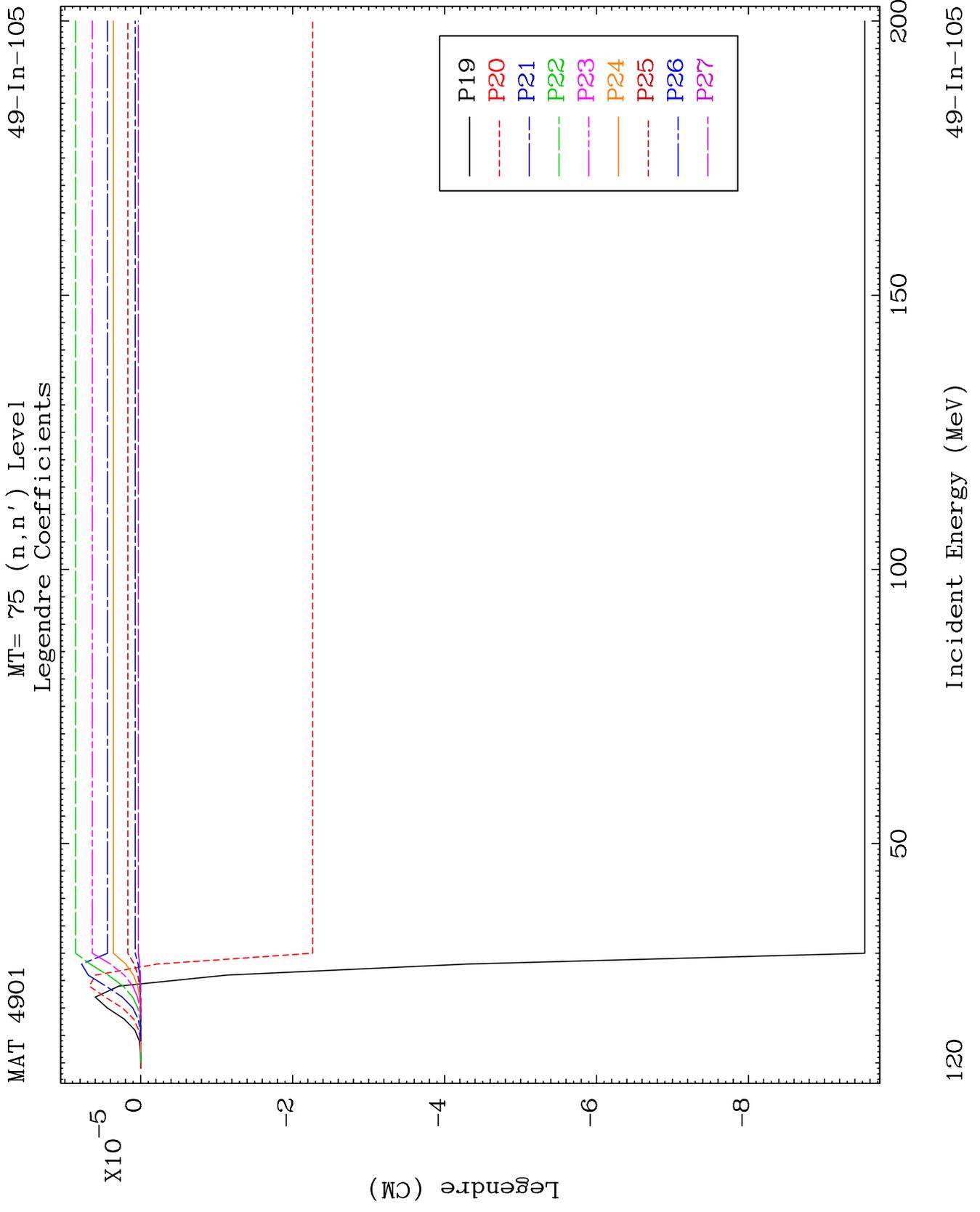
49-In-105



119

Incident Energy (MeV)

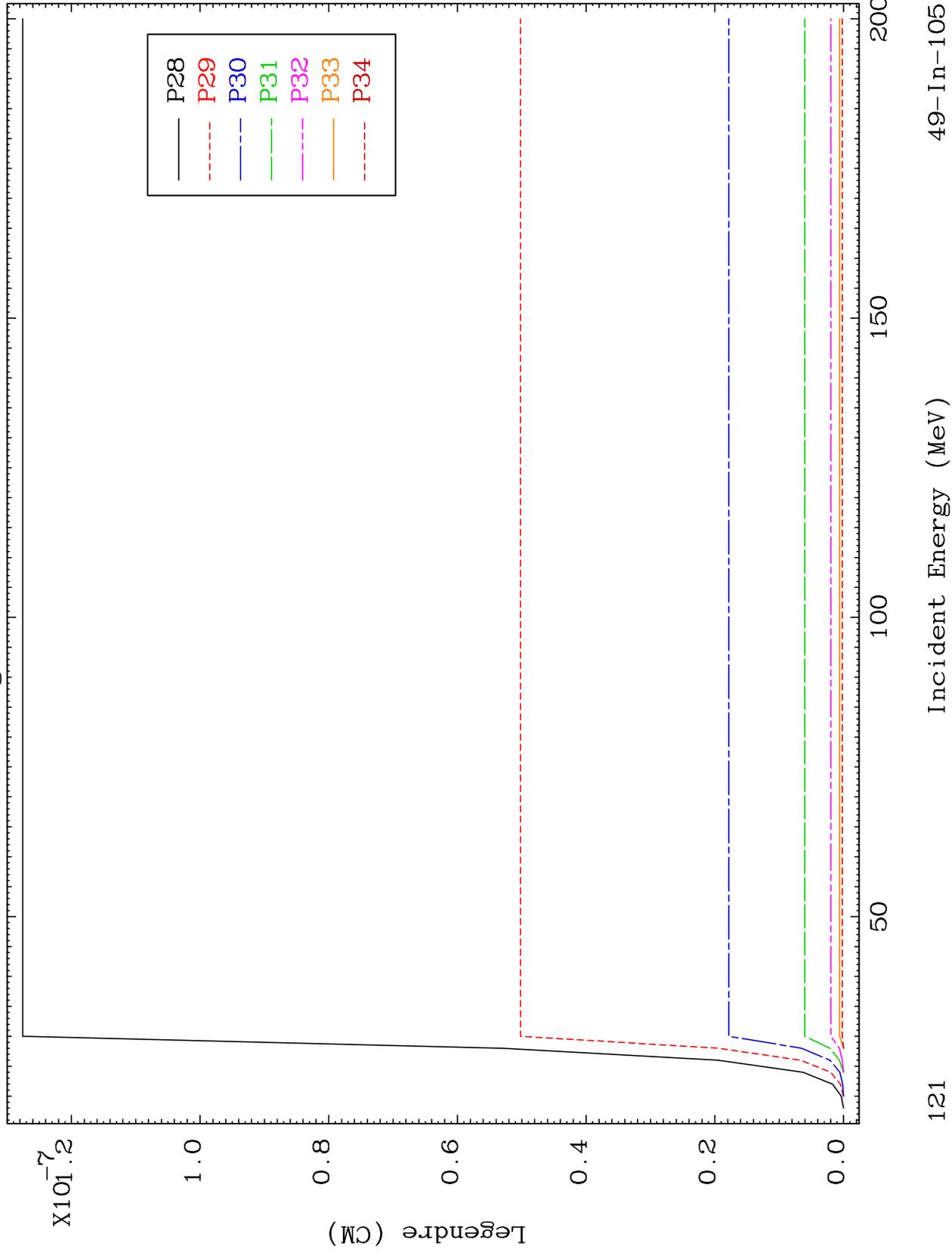
49-In-105



MAT 4901

MT= 75 (n,n') Level
Legendre Coefficients

49-In-105



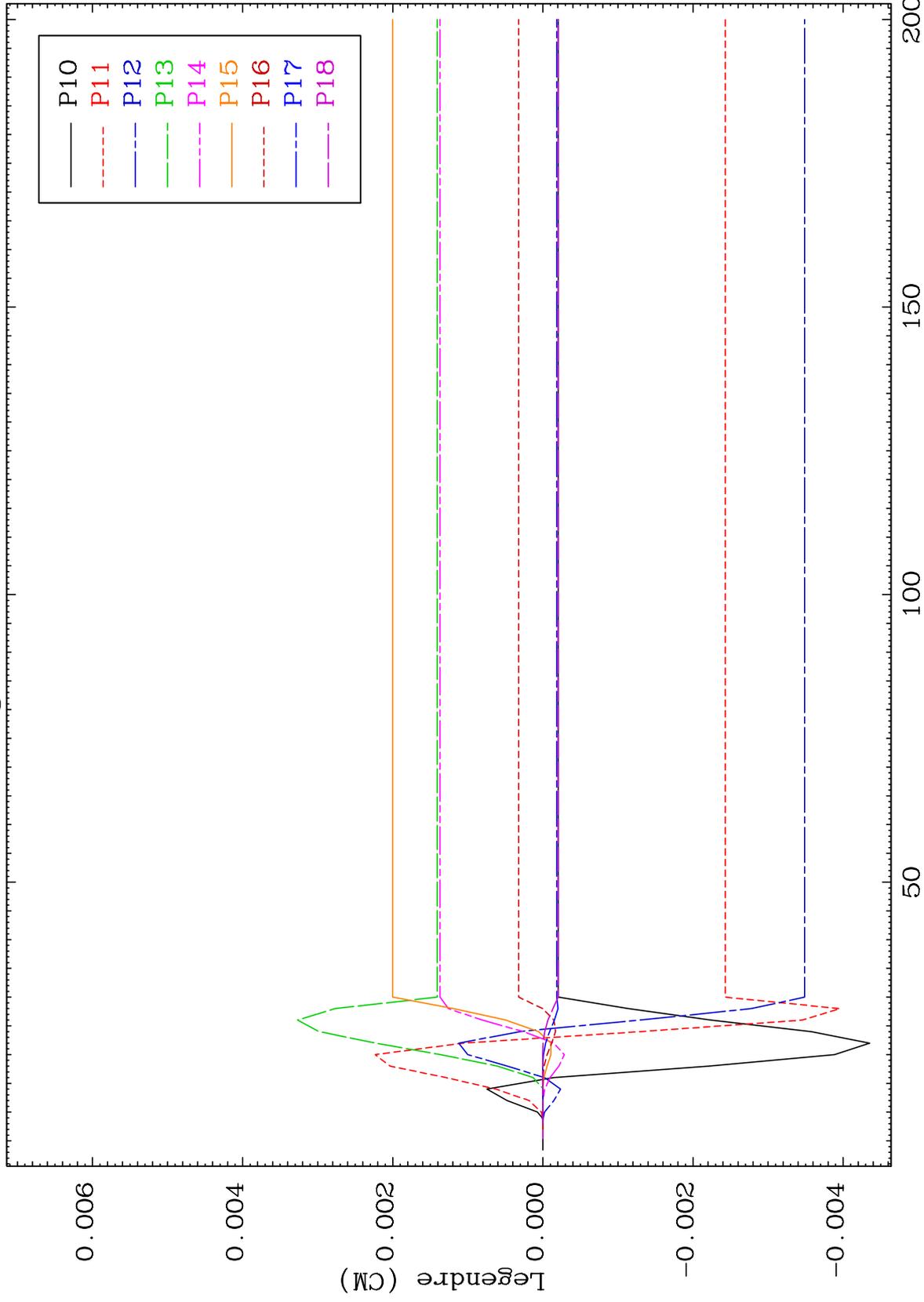
121

49-In-105

MAT 4901

MT= 76 (n,n') Level
Legendre Coefficients

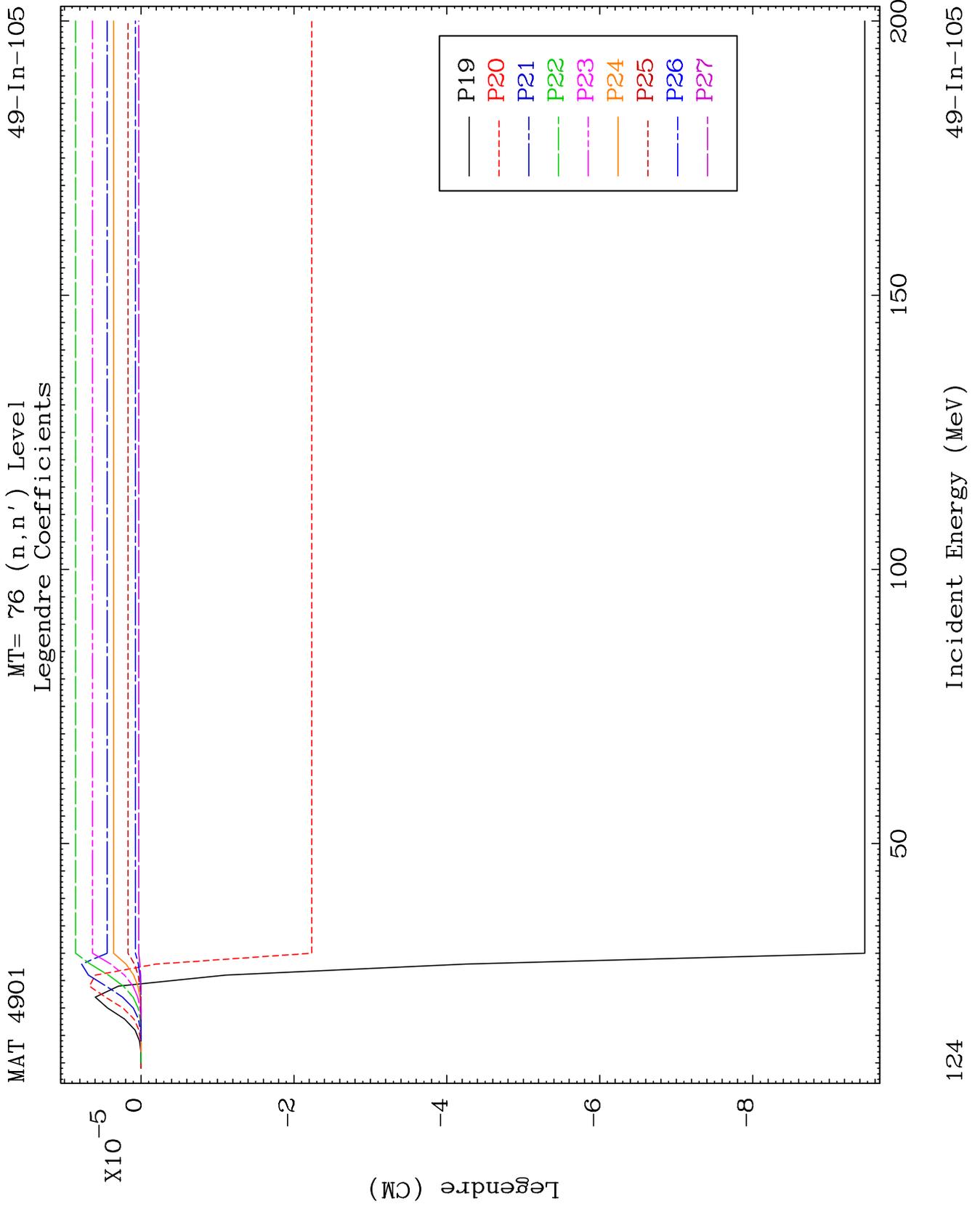
49-In-105



123

Incident Energy (MeV)

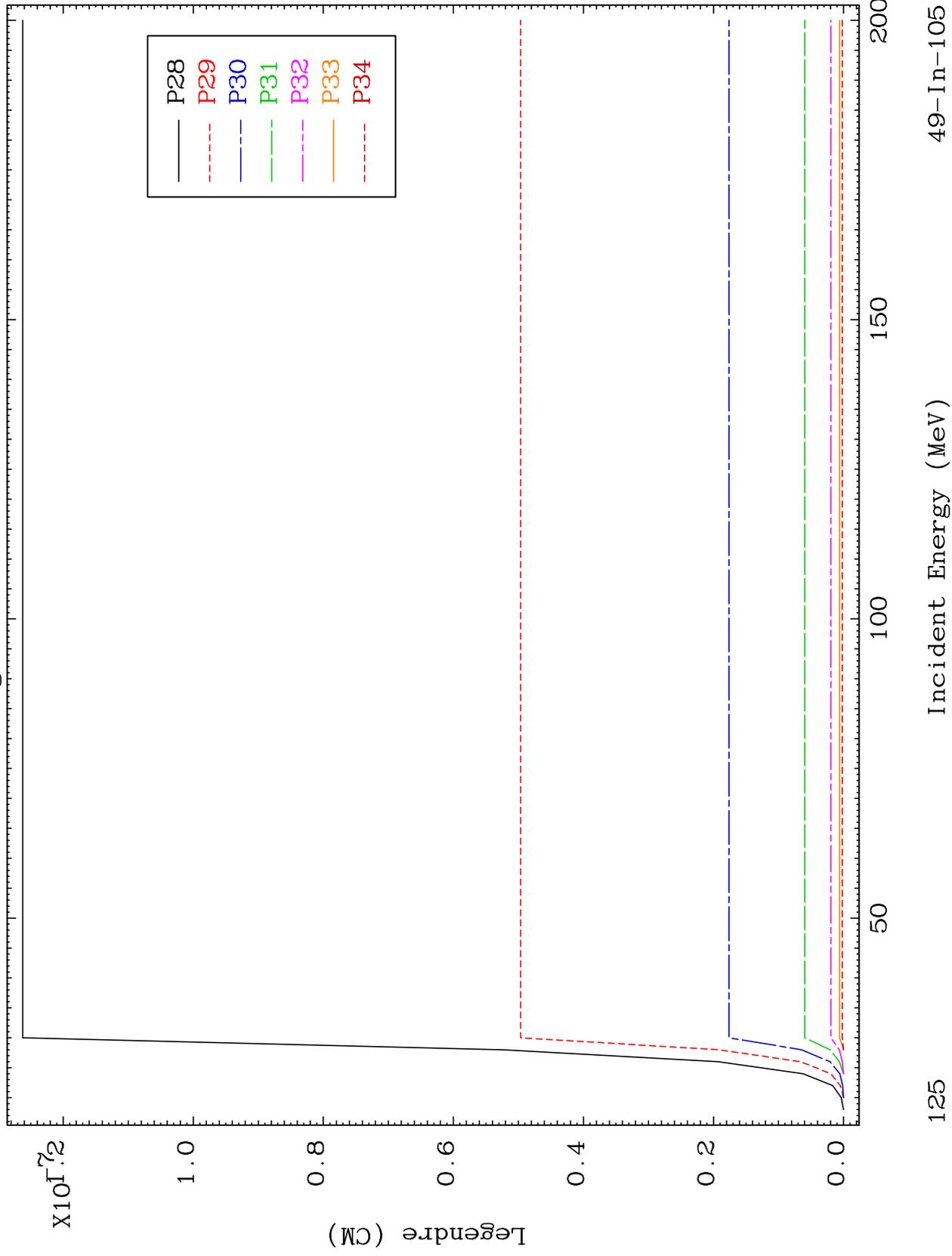
49-In-105



MAT 4901

MT= 76 (n,n') Level
Legendre Coefficients

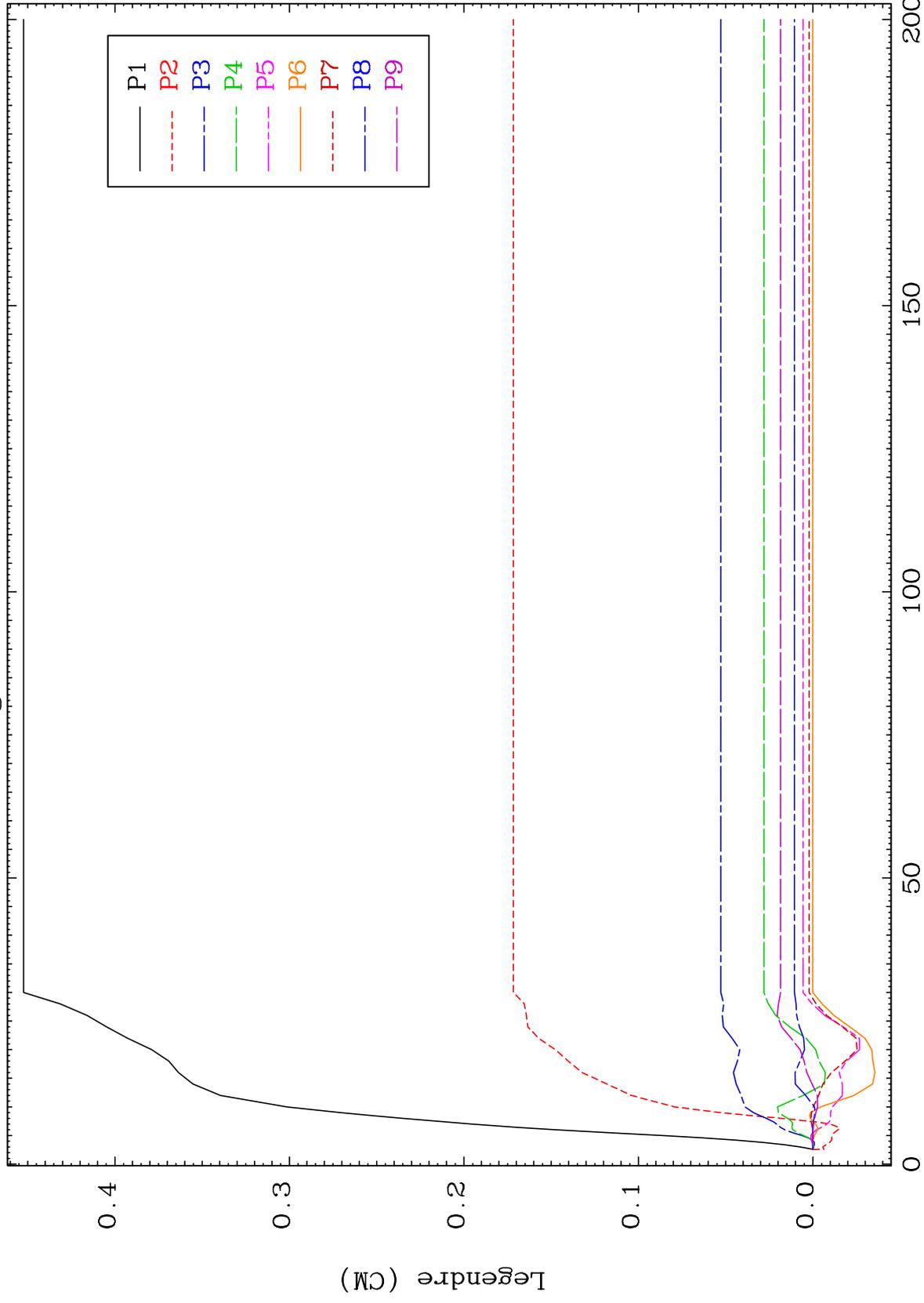
49-In-105



MAT 4901

MT= 77 (n,n') Level
Legendre Coefficients

49-In-105



126

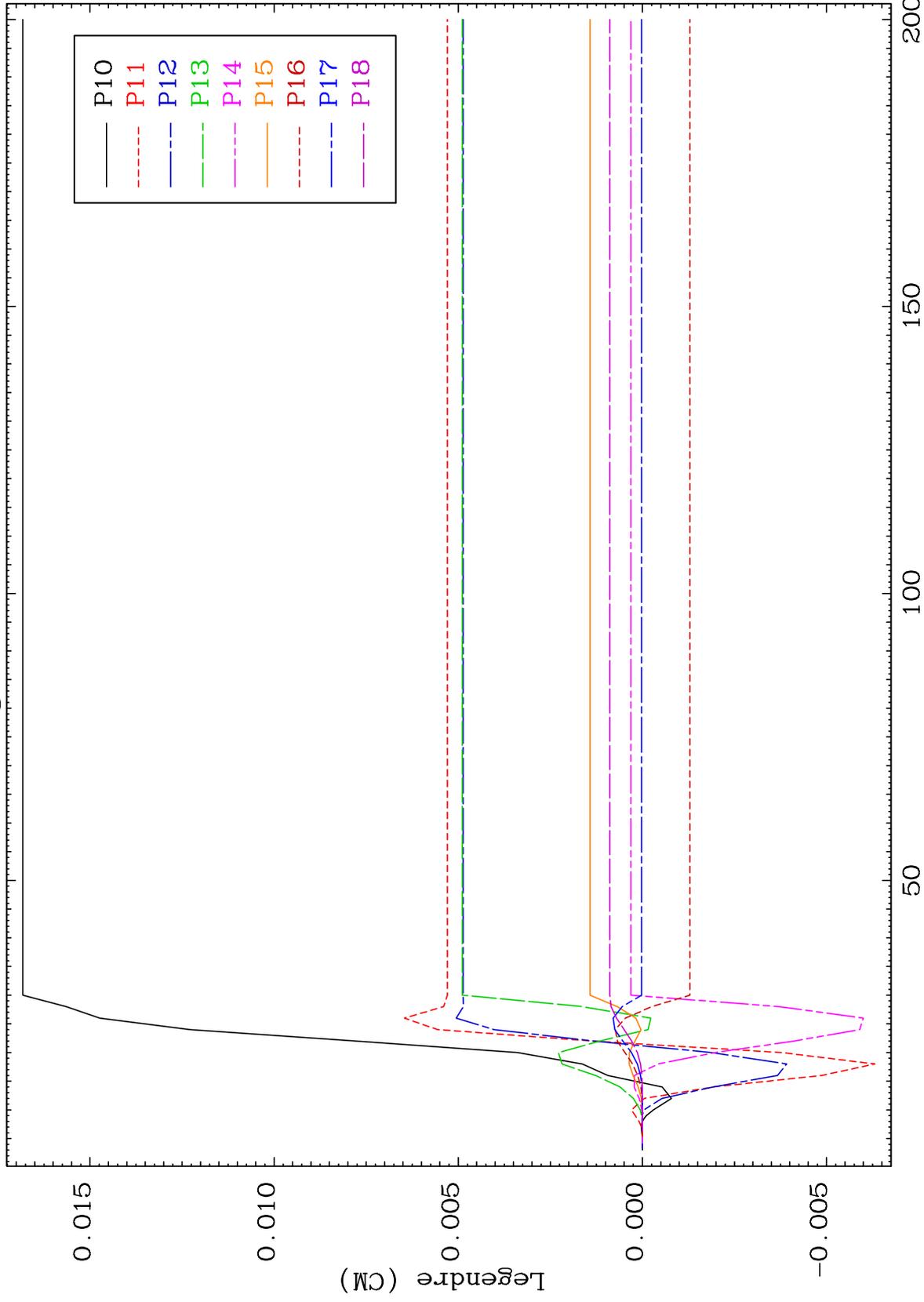
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 77 (n,n') Level
Legendre Coefficients

49-In-105



127

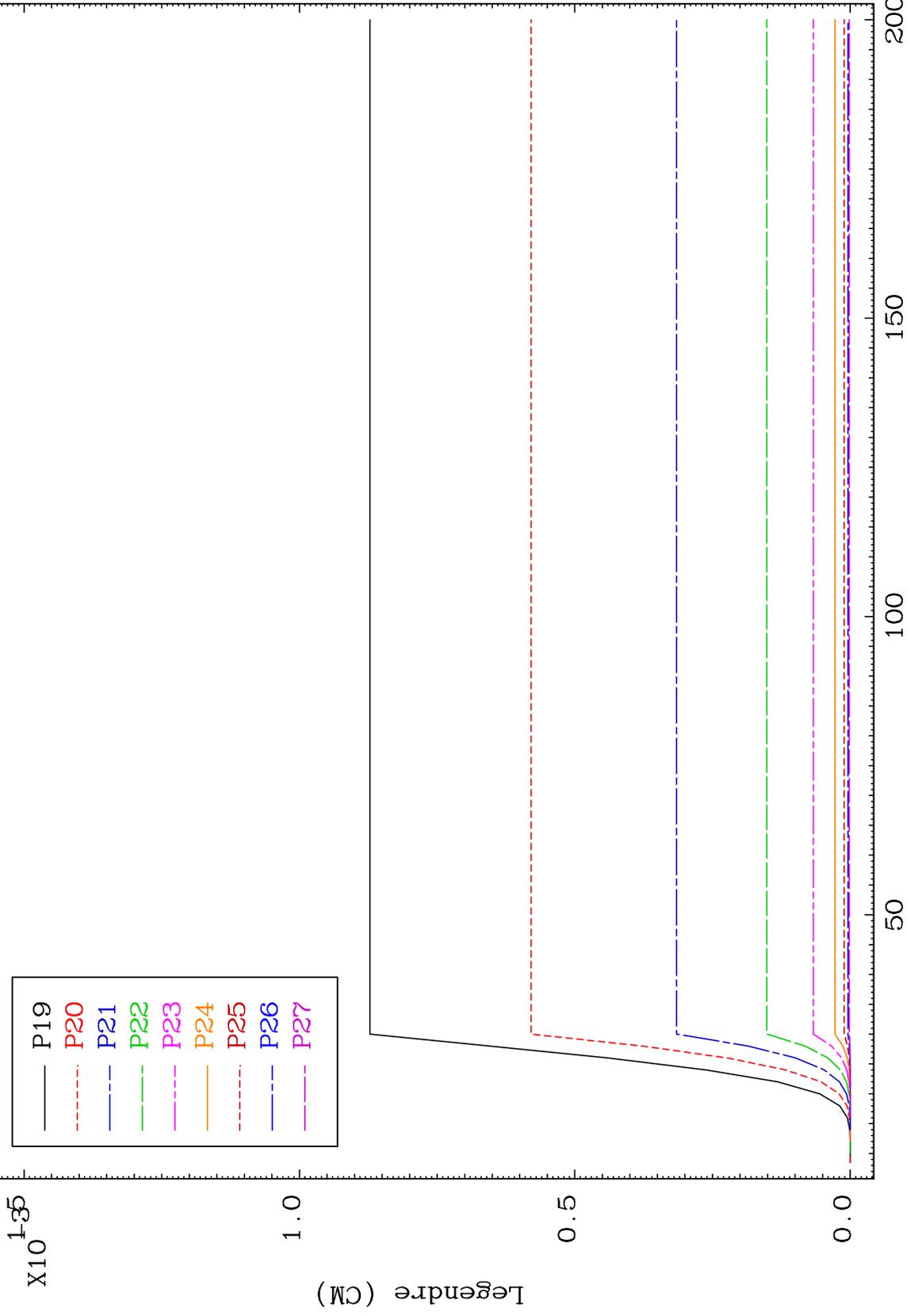
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 77 (n,n') Level
Legendre Coefficients

49-In-105



128

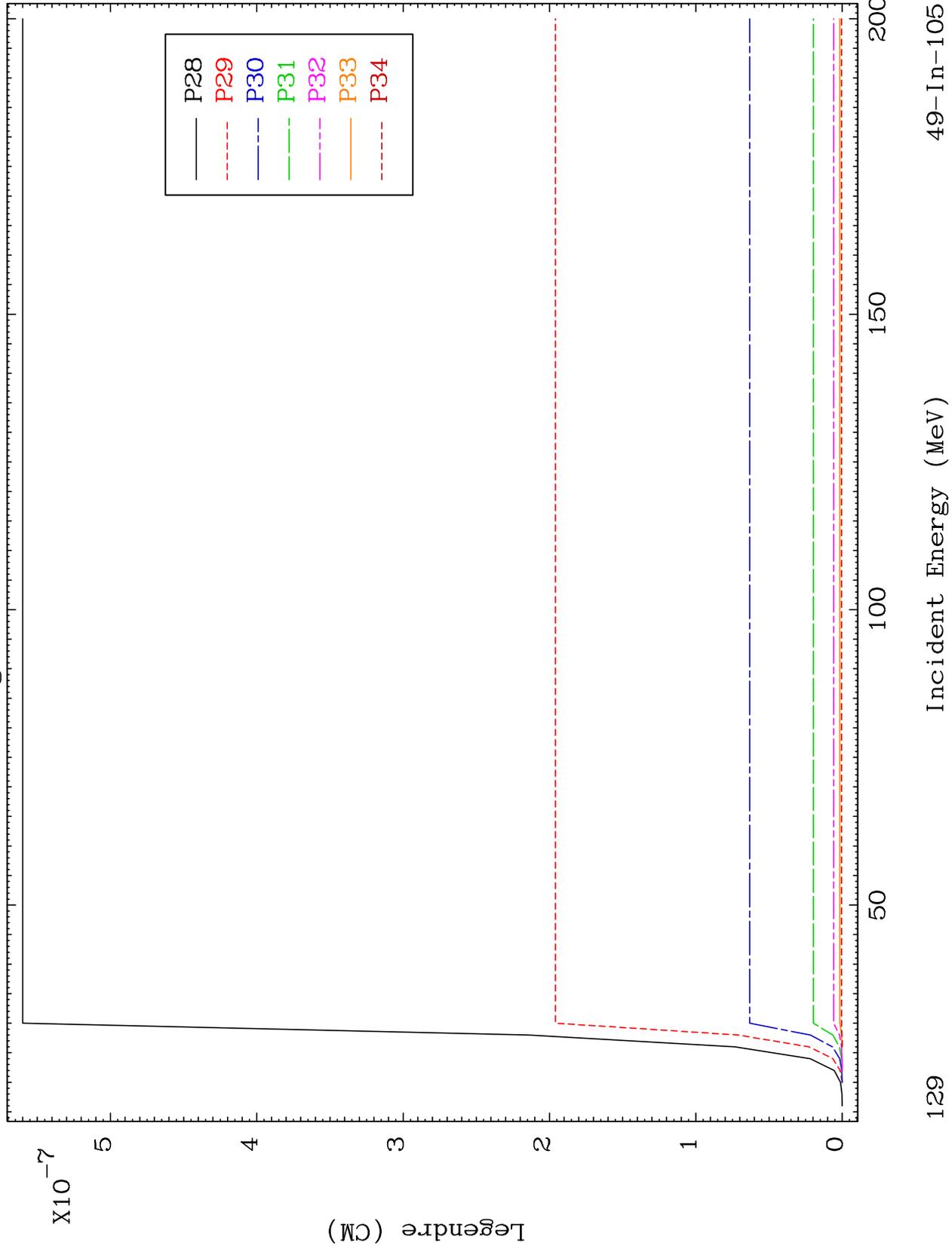
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 77 (n,n') Level
Legendre Coefficients

49-In-105



129

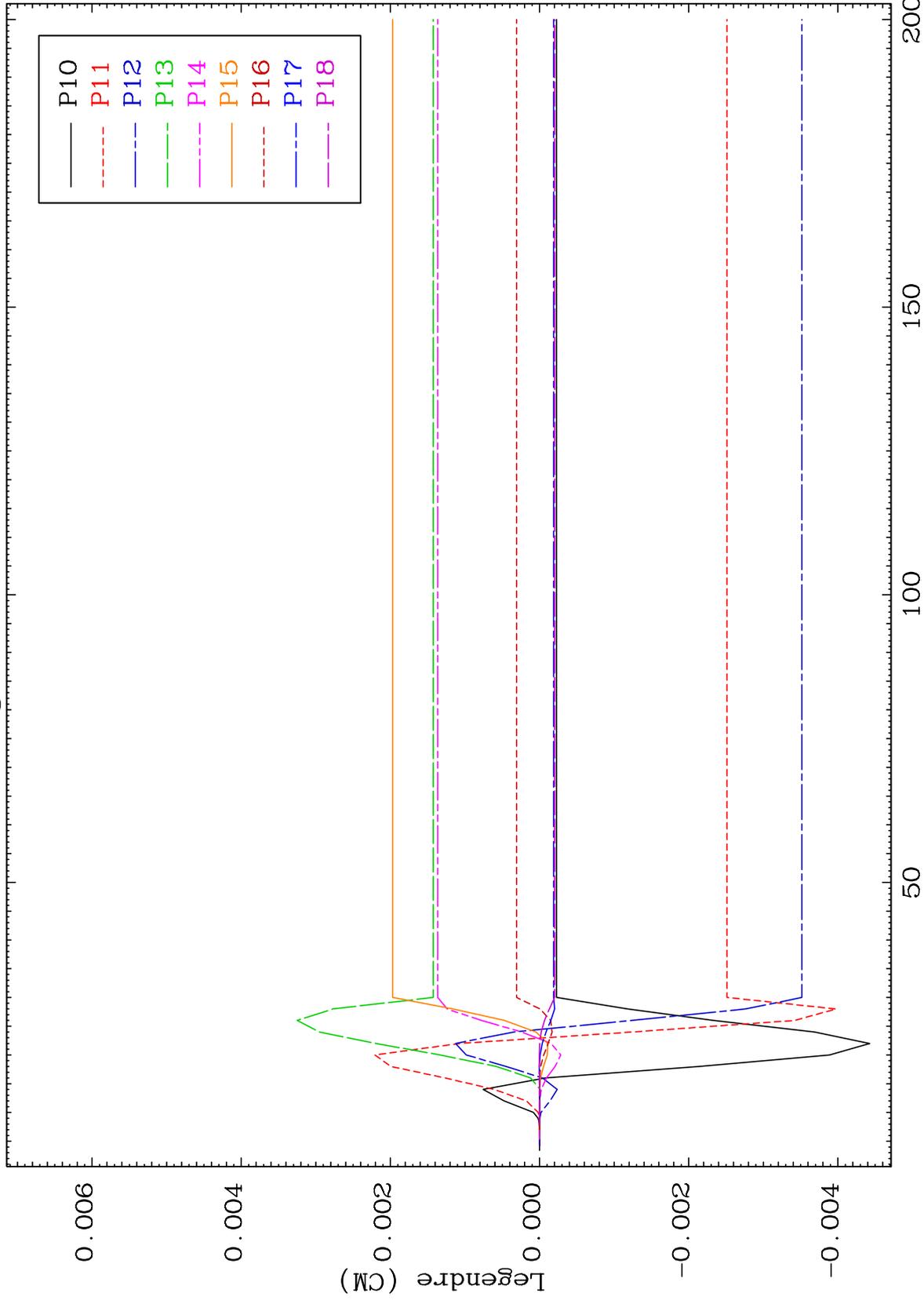
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 78 (n,n') Level
Legendre Coefficients

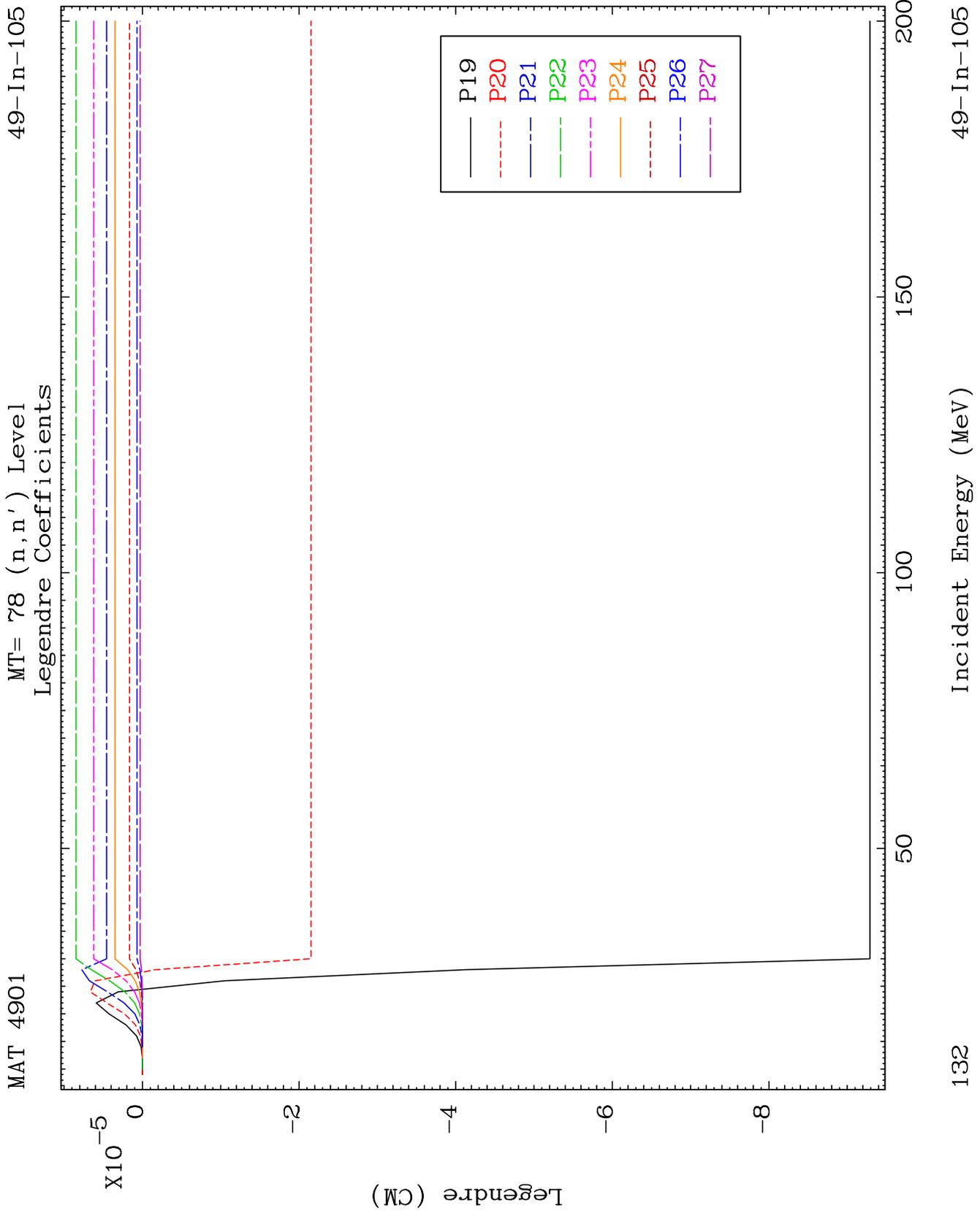
49-In-105



131

Incident Energy (MeV)

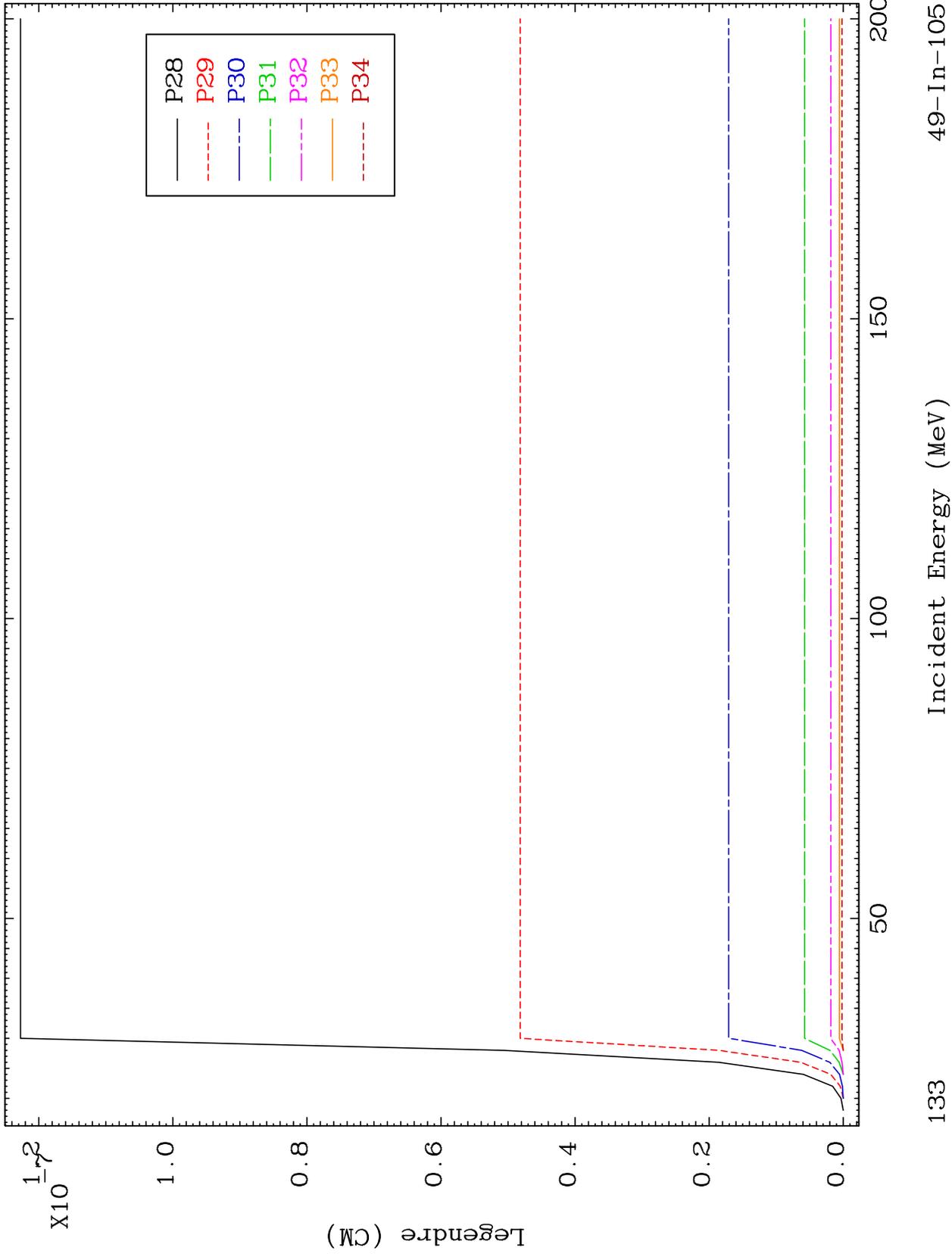
49-In-105

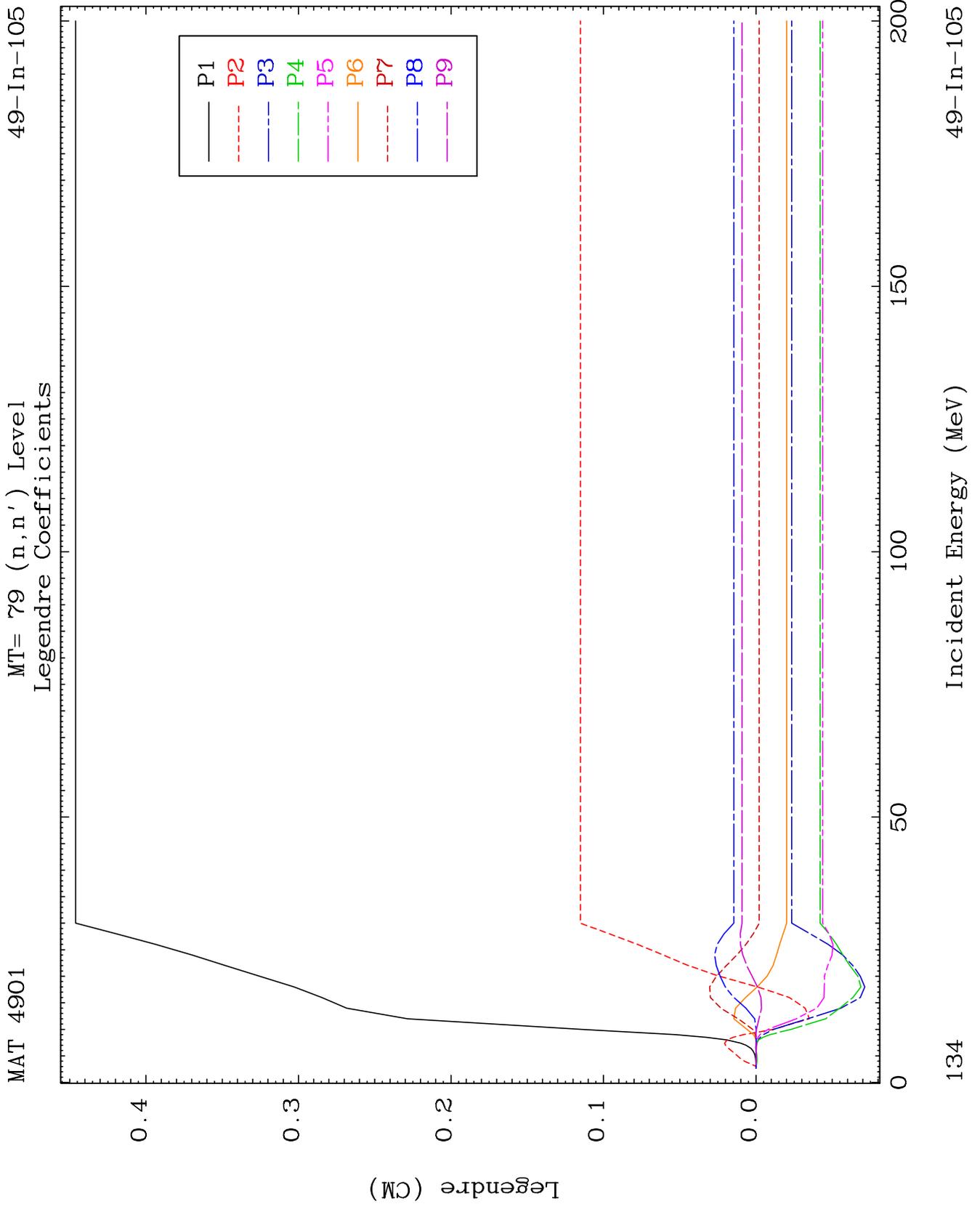


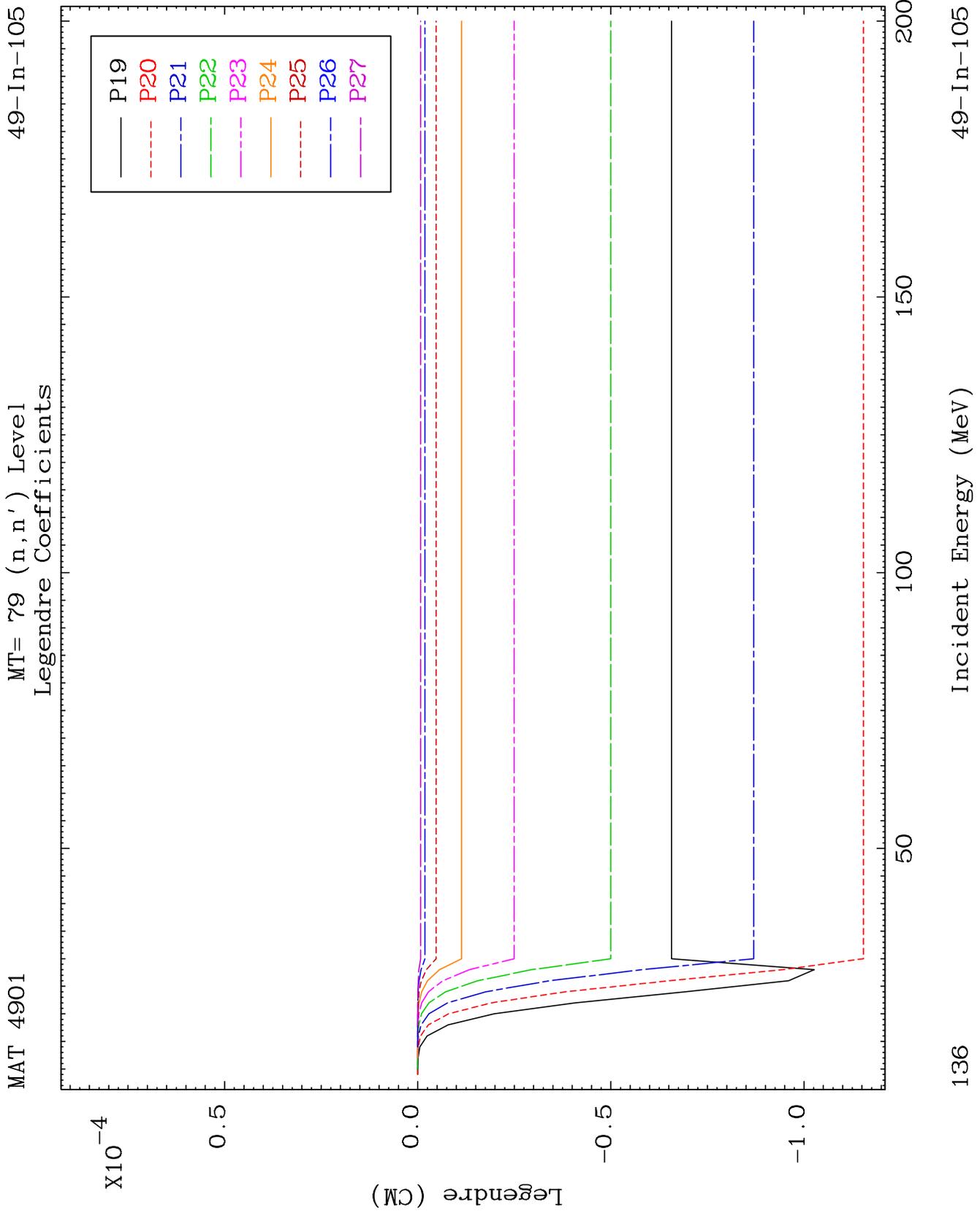
MAT 4901

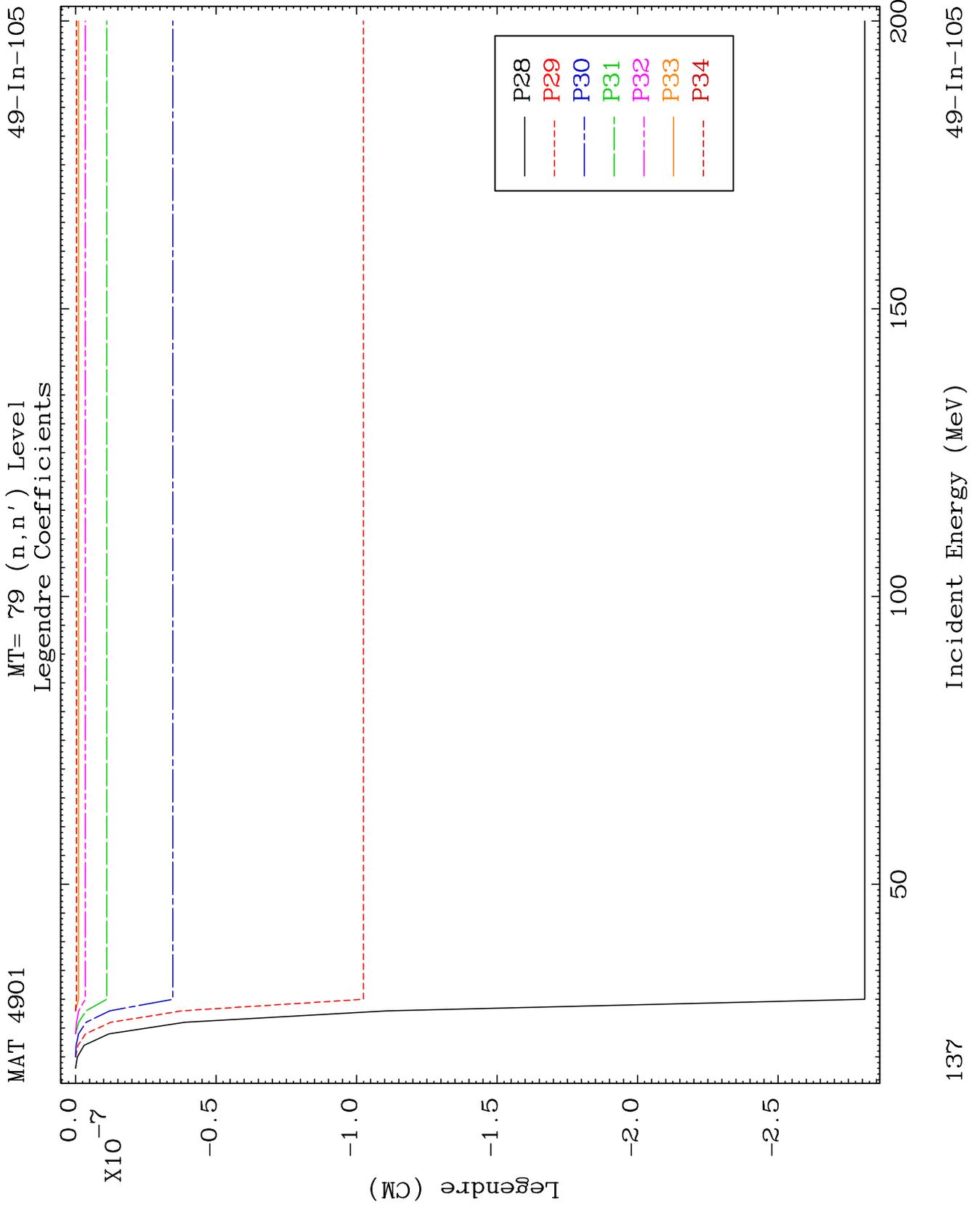
MT= 78 (n,n') Level
Legendre Coefficients

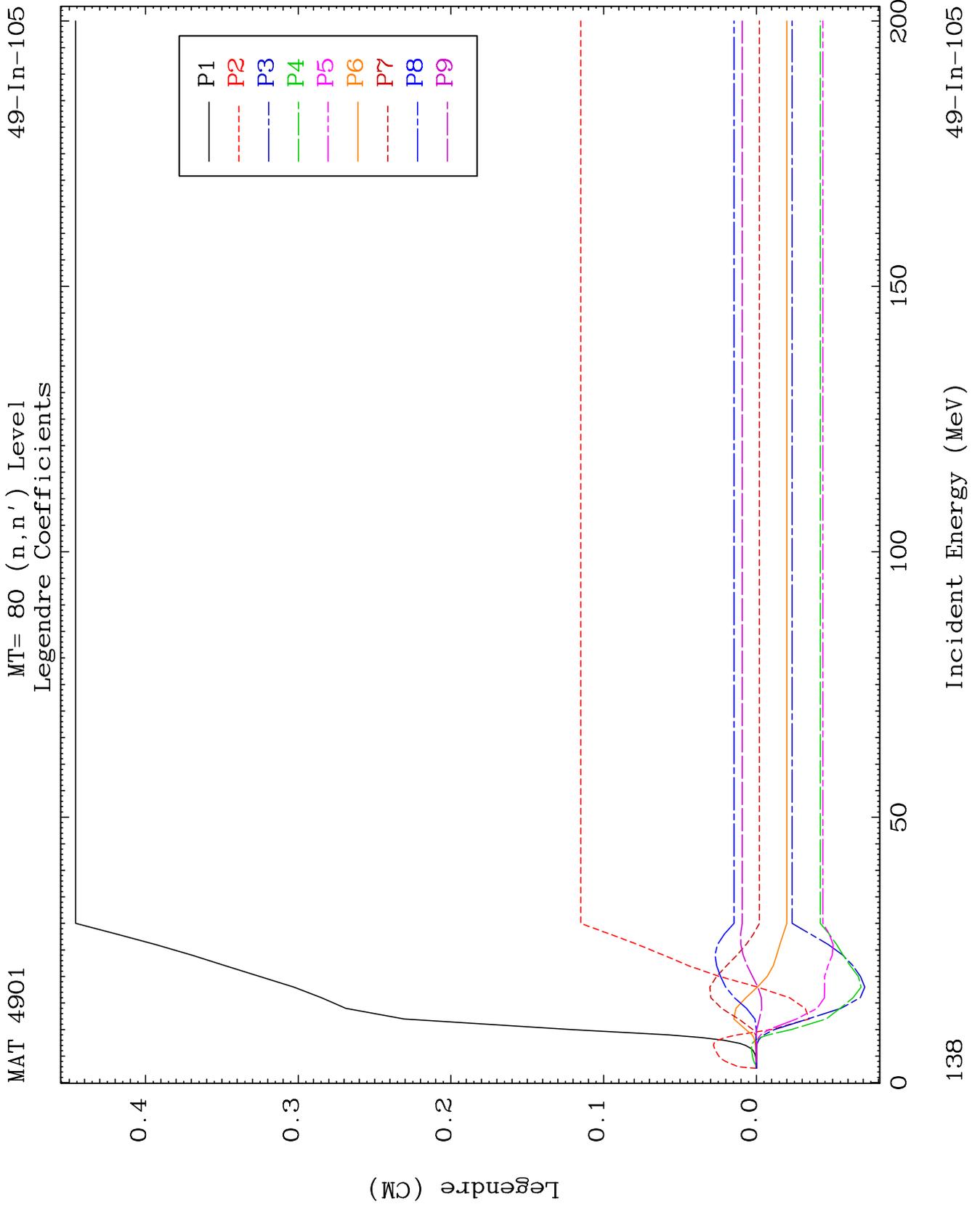
49-In-105







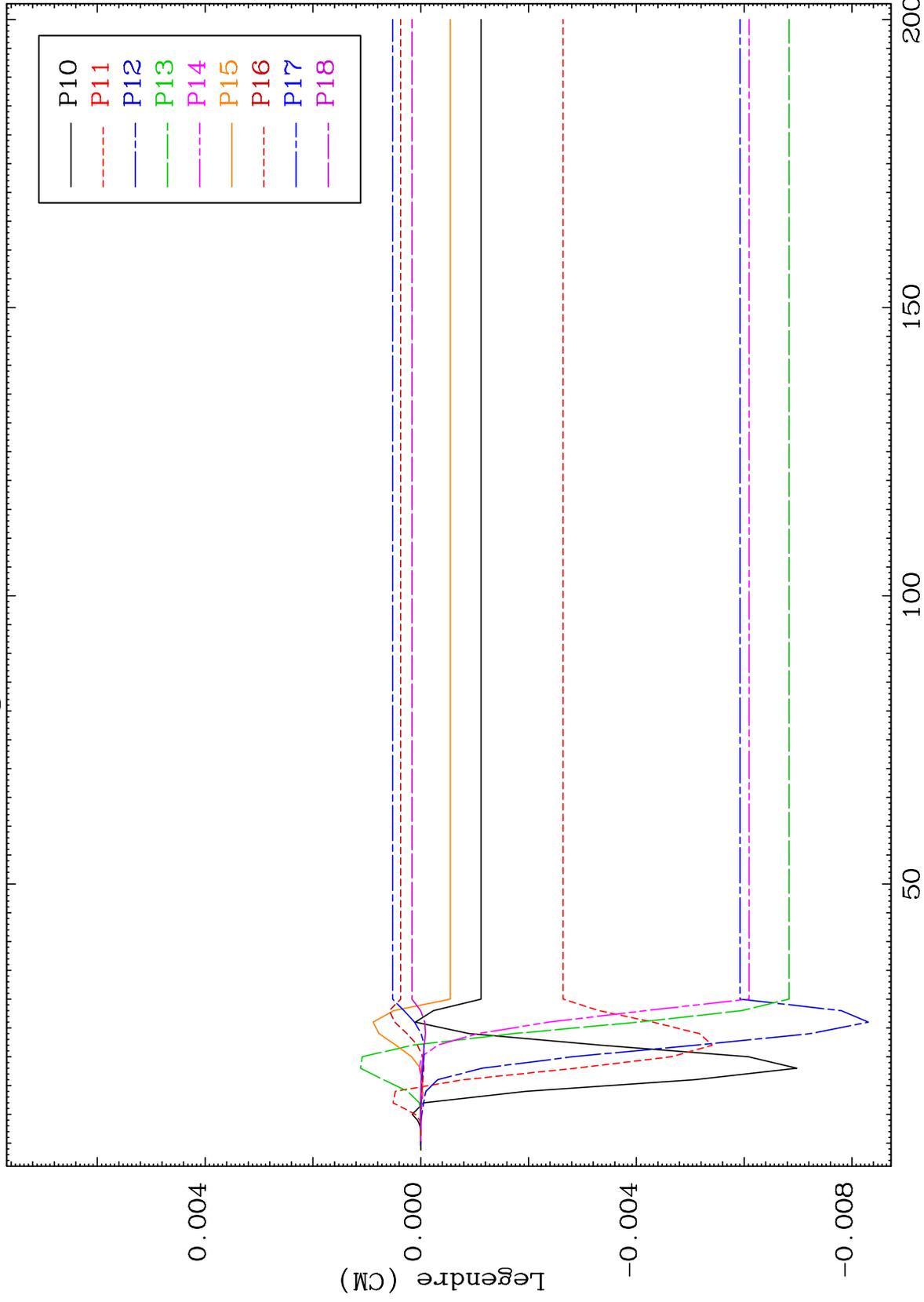




MAT 4901

MT= 80 (n,n') Level
Legendre Coefficients

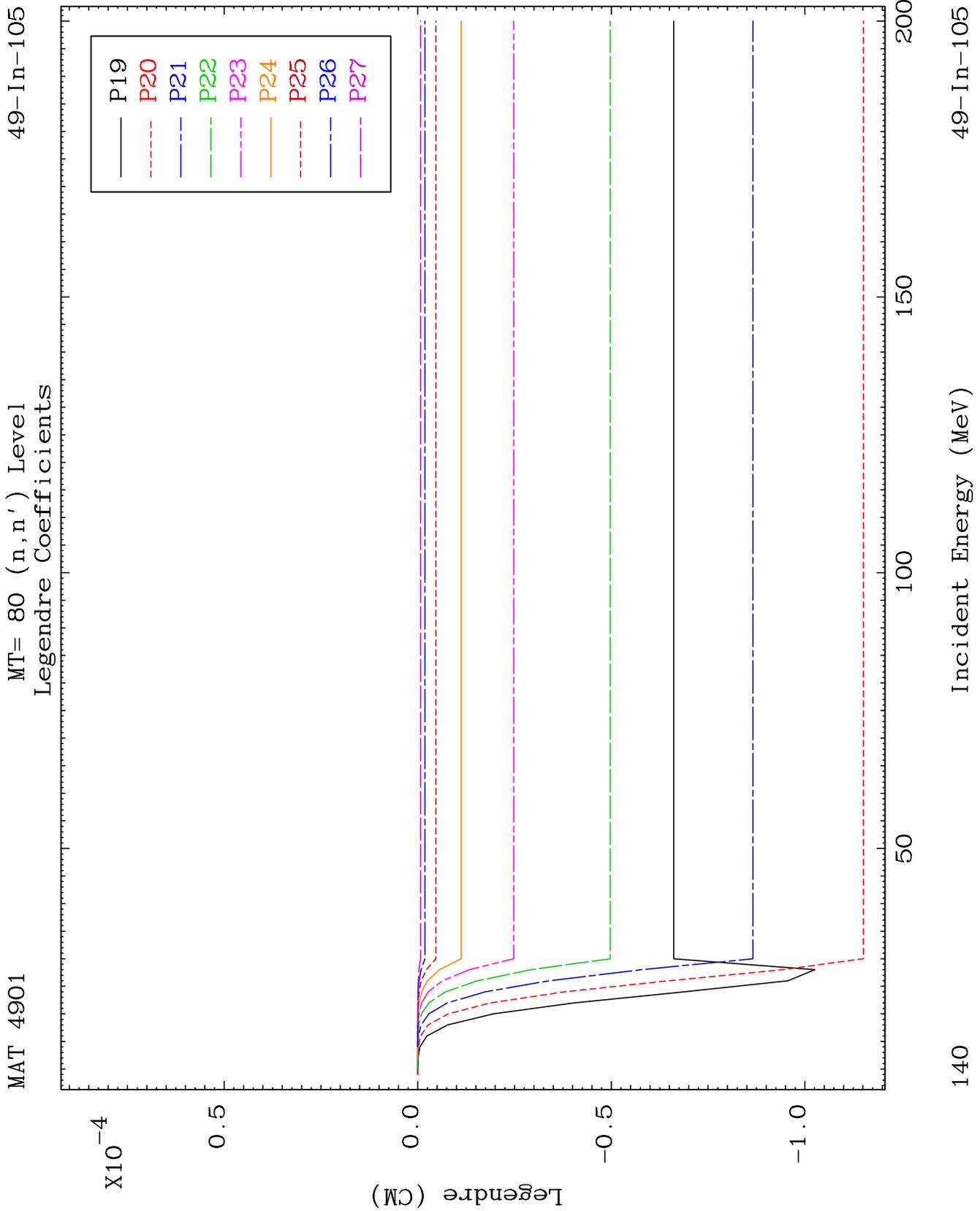
49-In-105

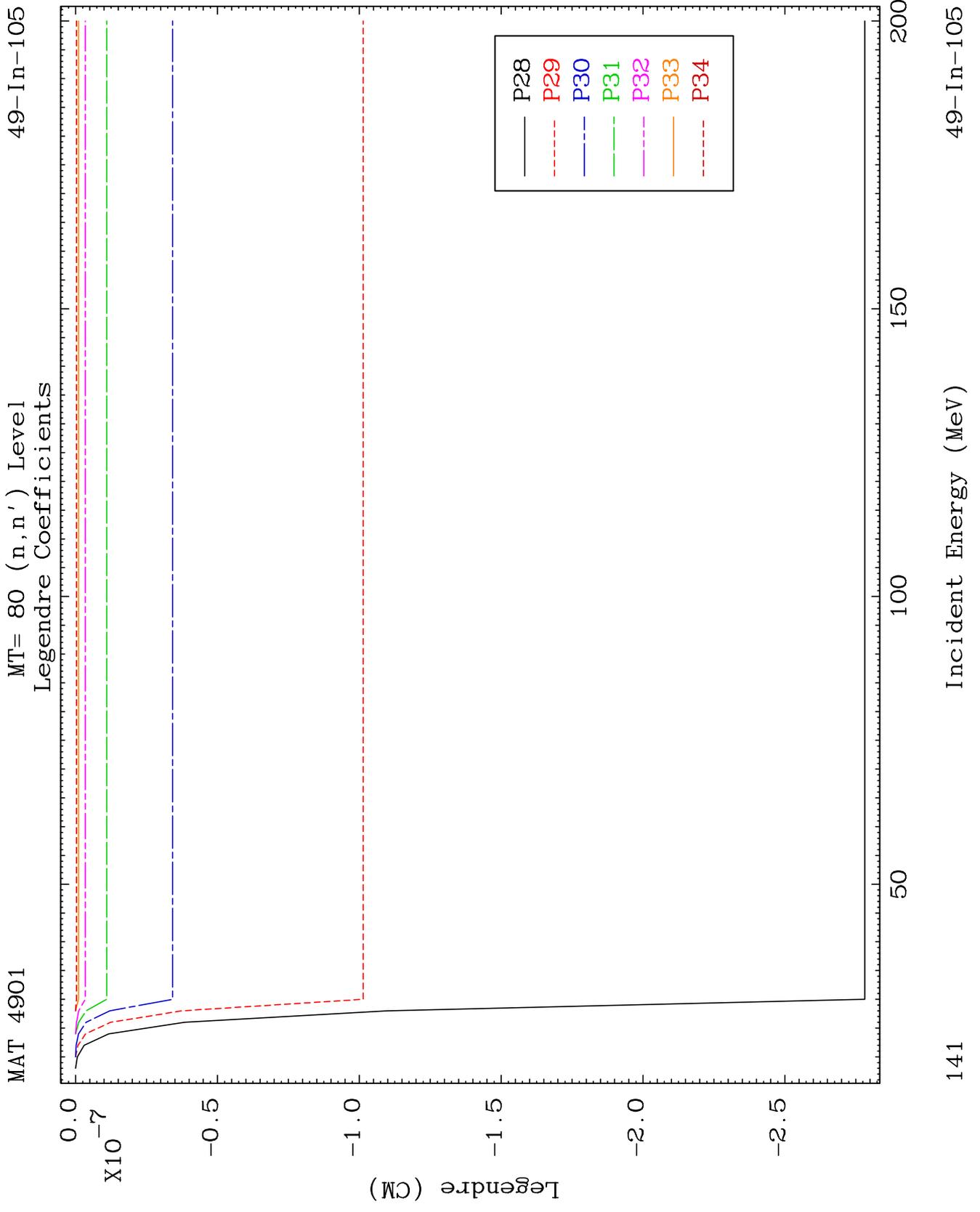


139

Incident Energy (MeV)

49-In-105

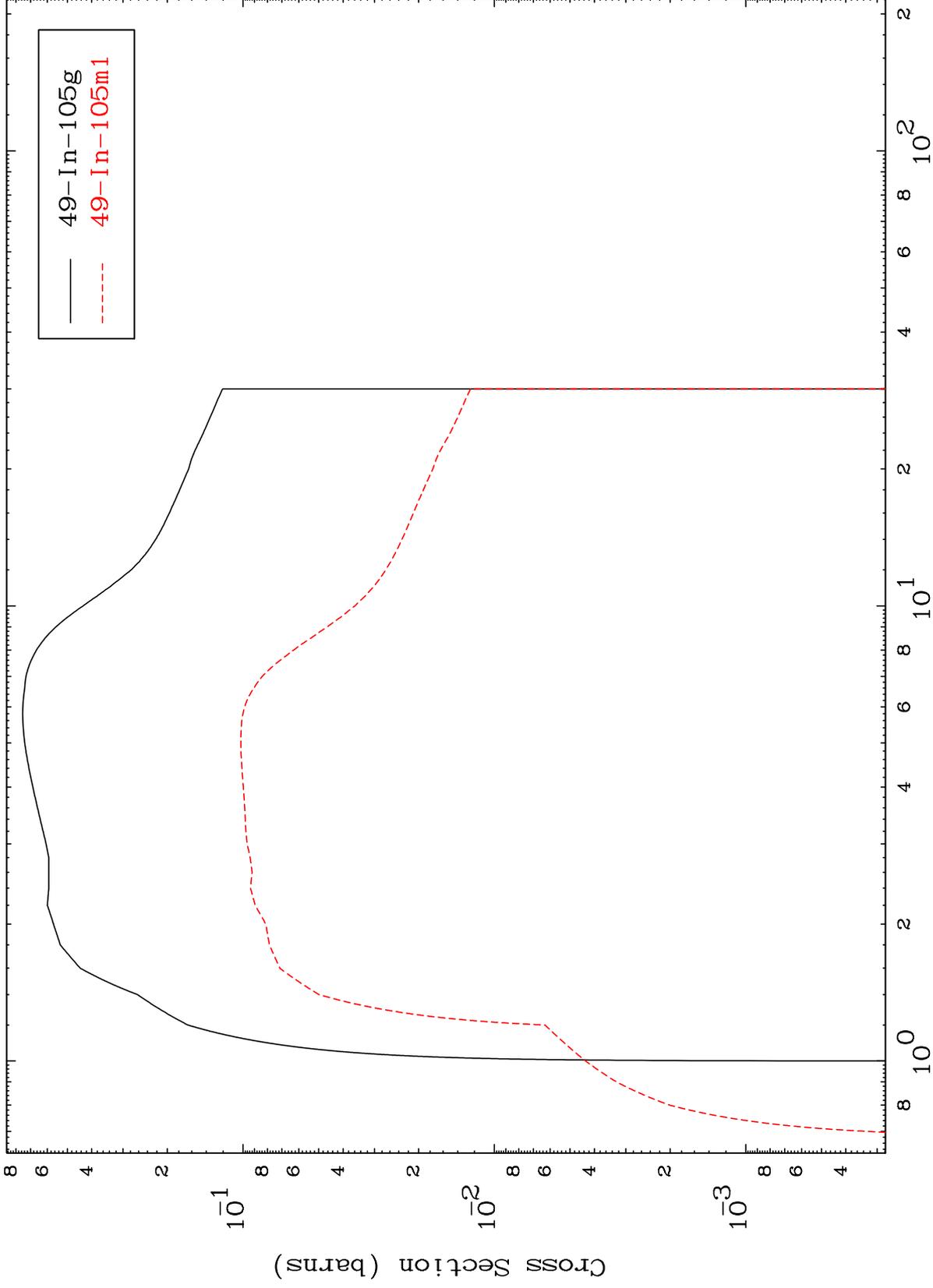




MAT 4901

49-In-105

Inelastic
Radionuclide Production Cross Section



142

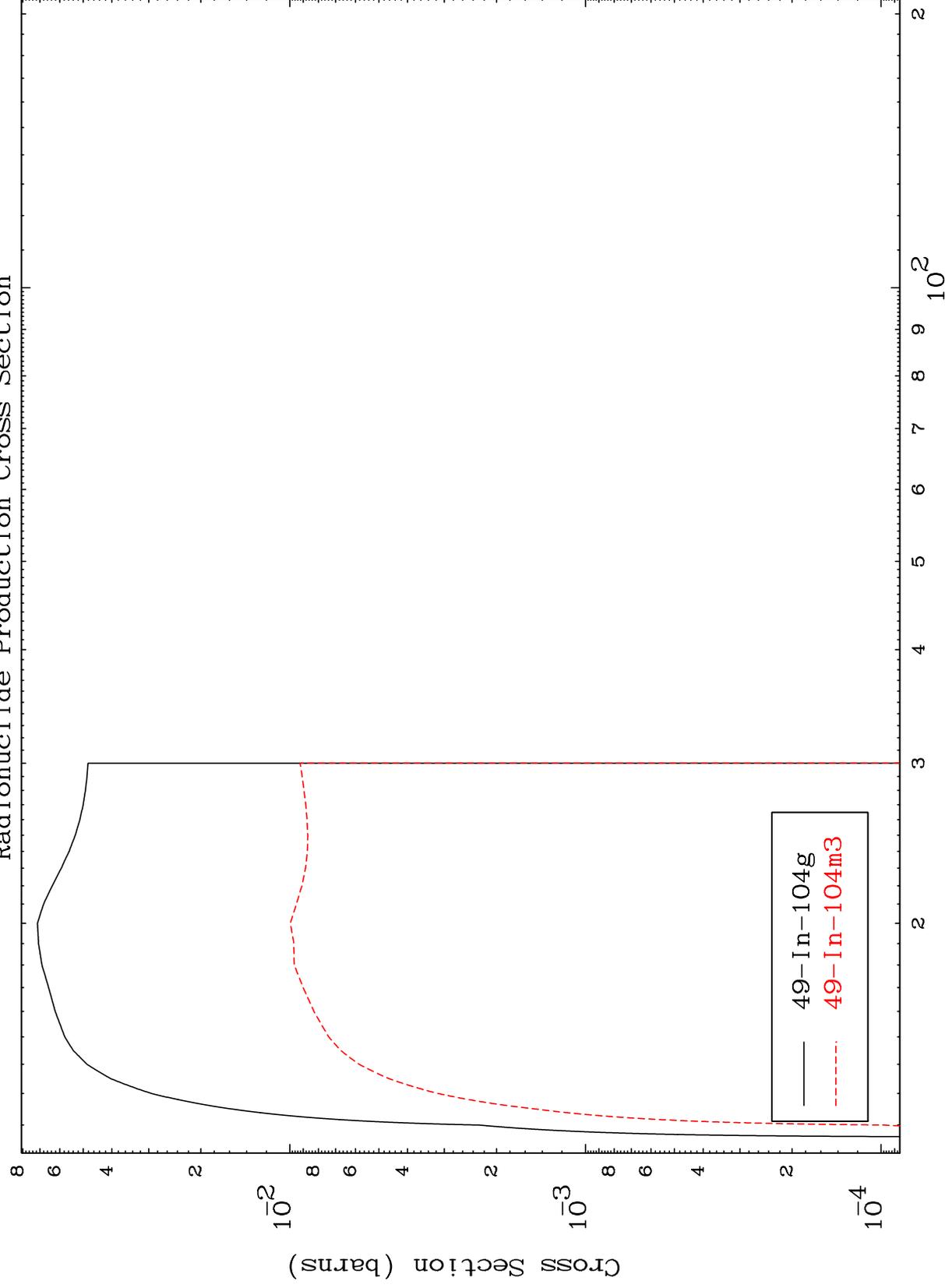
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

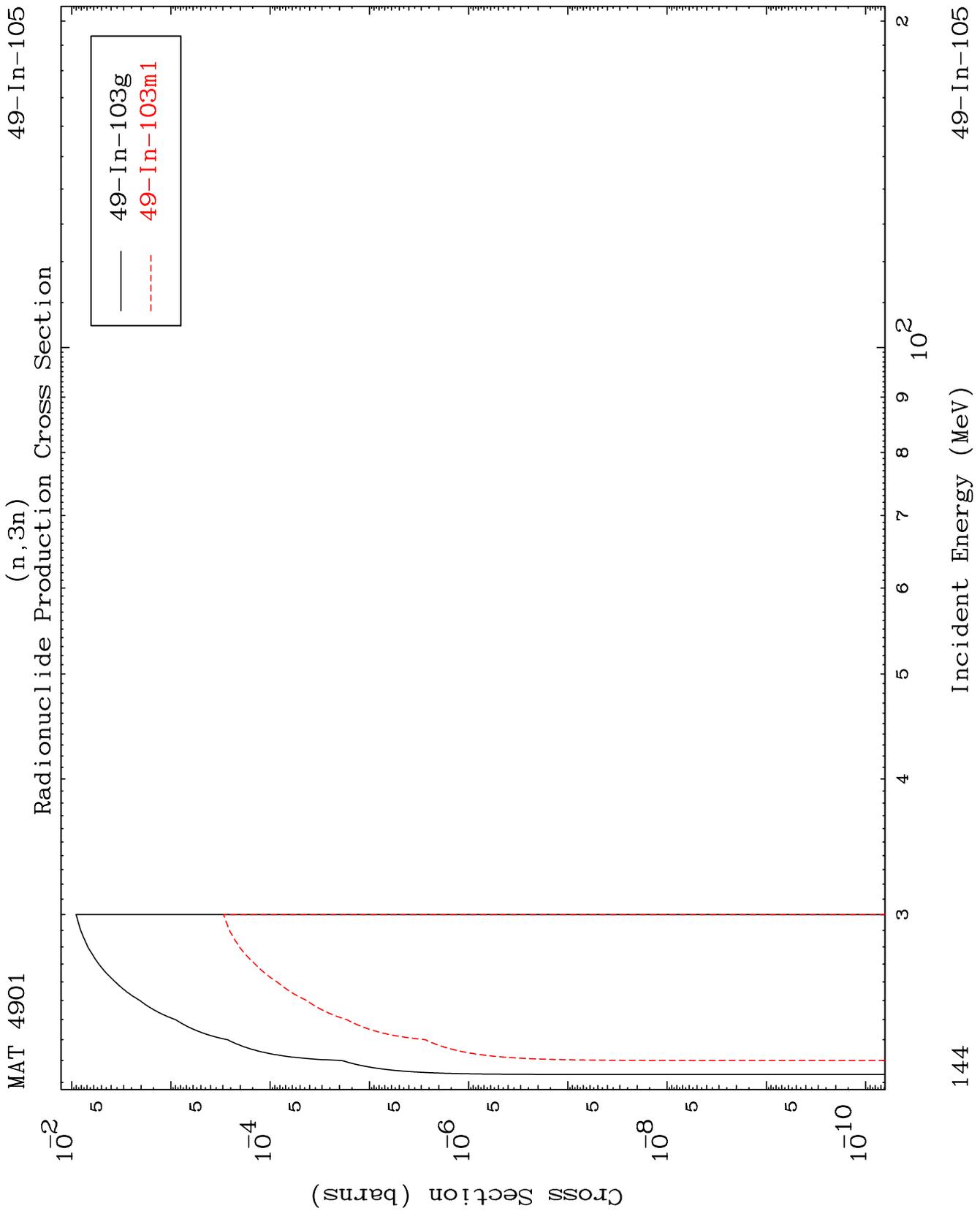
(n,2n)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

49-In-105

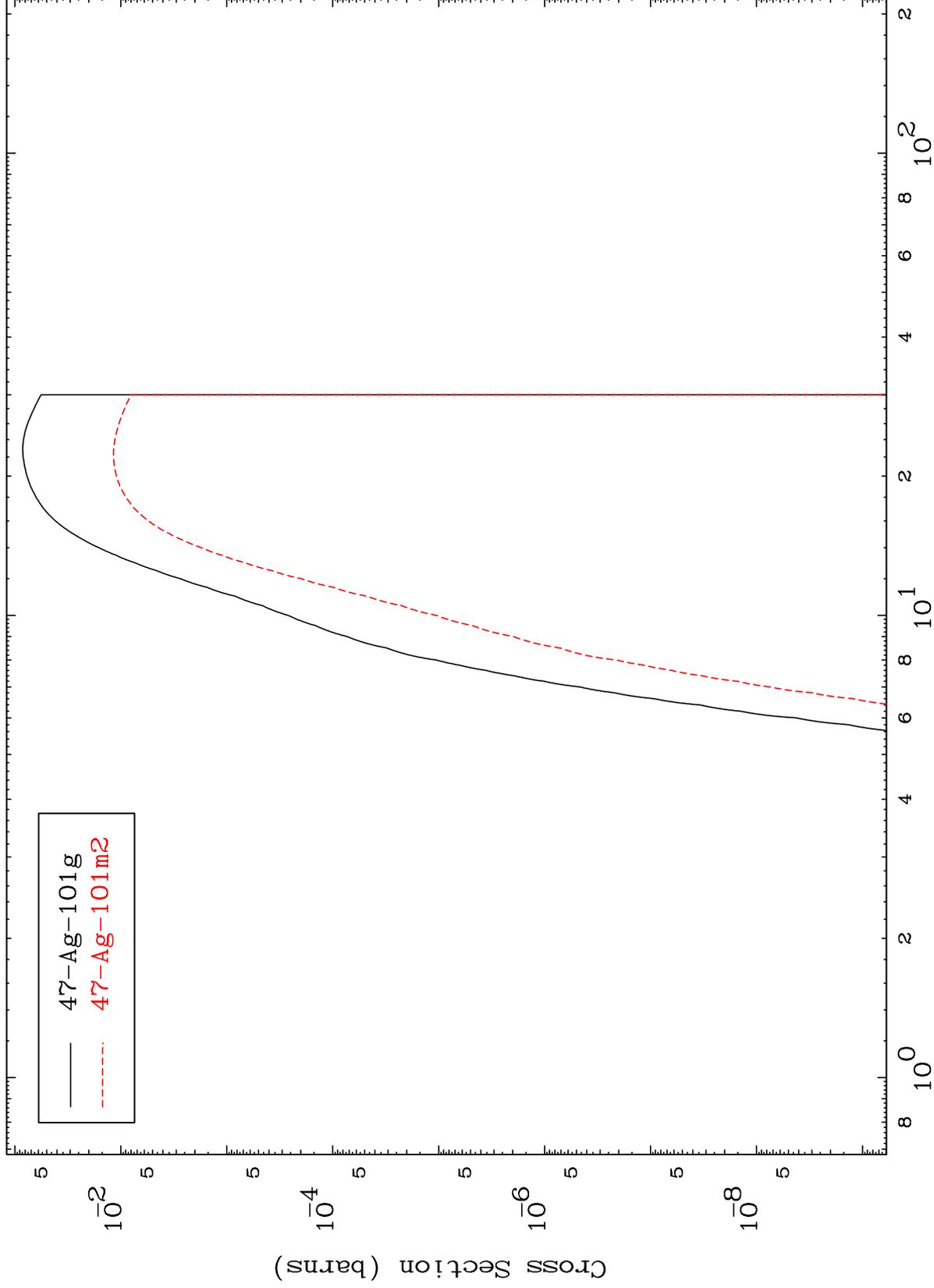


MAT 4901

(n,n') α

49-In-105

Radionuclide Production Cross Section



145

Incident Energy (MeV)

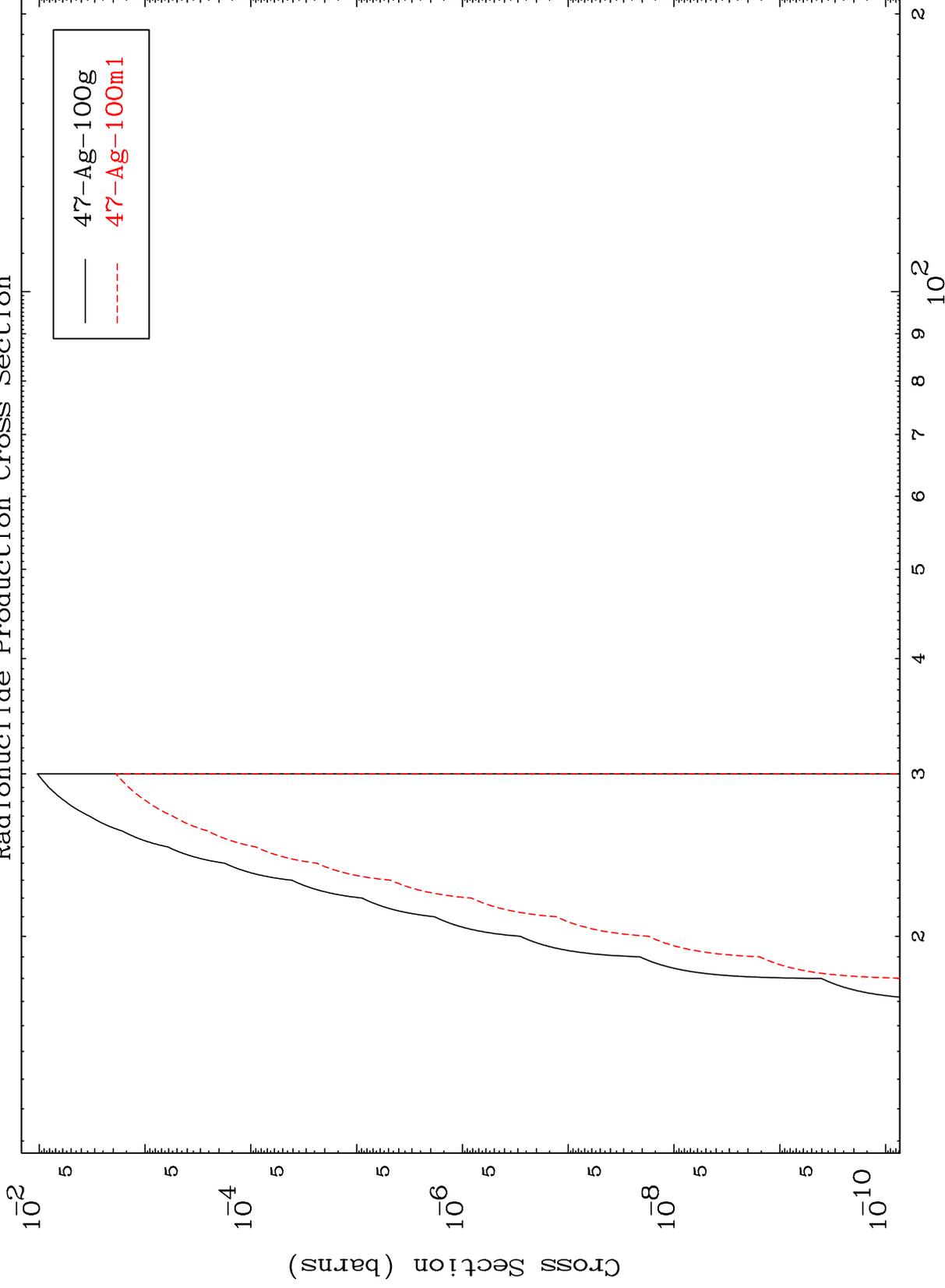
49-In-105

MAT 4901

49-In-105

(n,2n) α

Radionuclide Production Cross Section



146

Incident Energy (MeV)

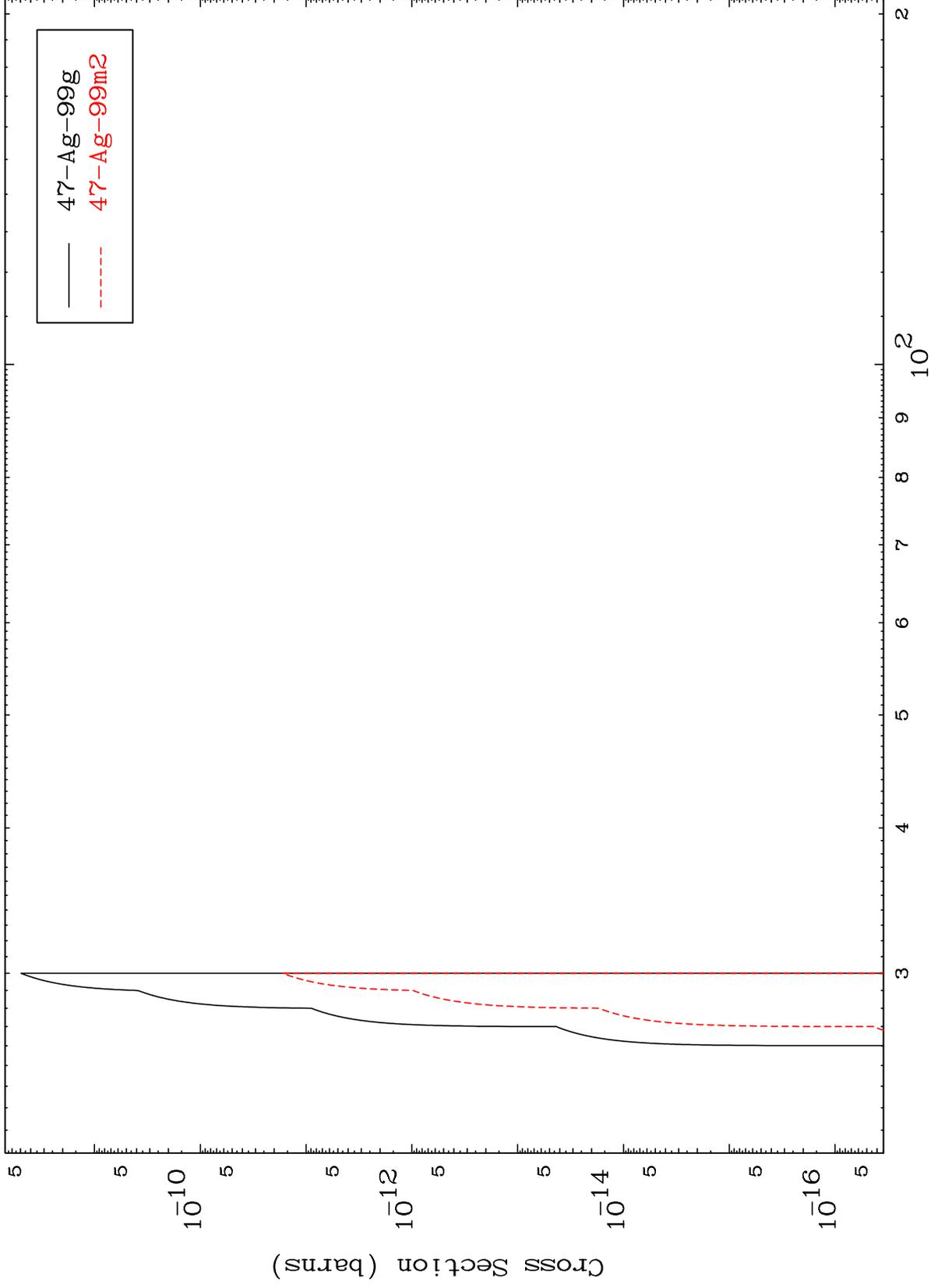
49-In-105

MAT 4901

(n,3n) α

49-In-105

Radionuclide Production Cross Section



147

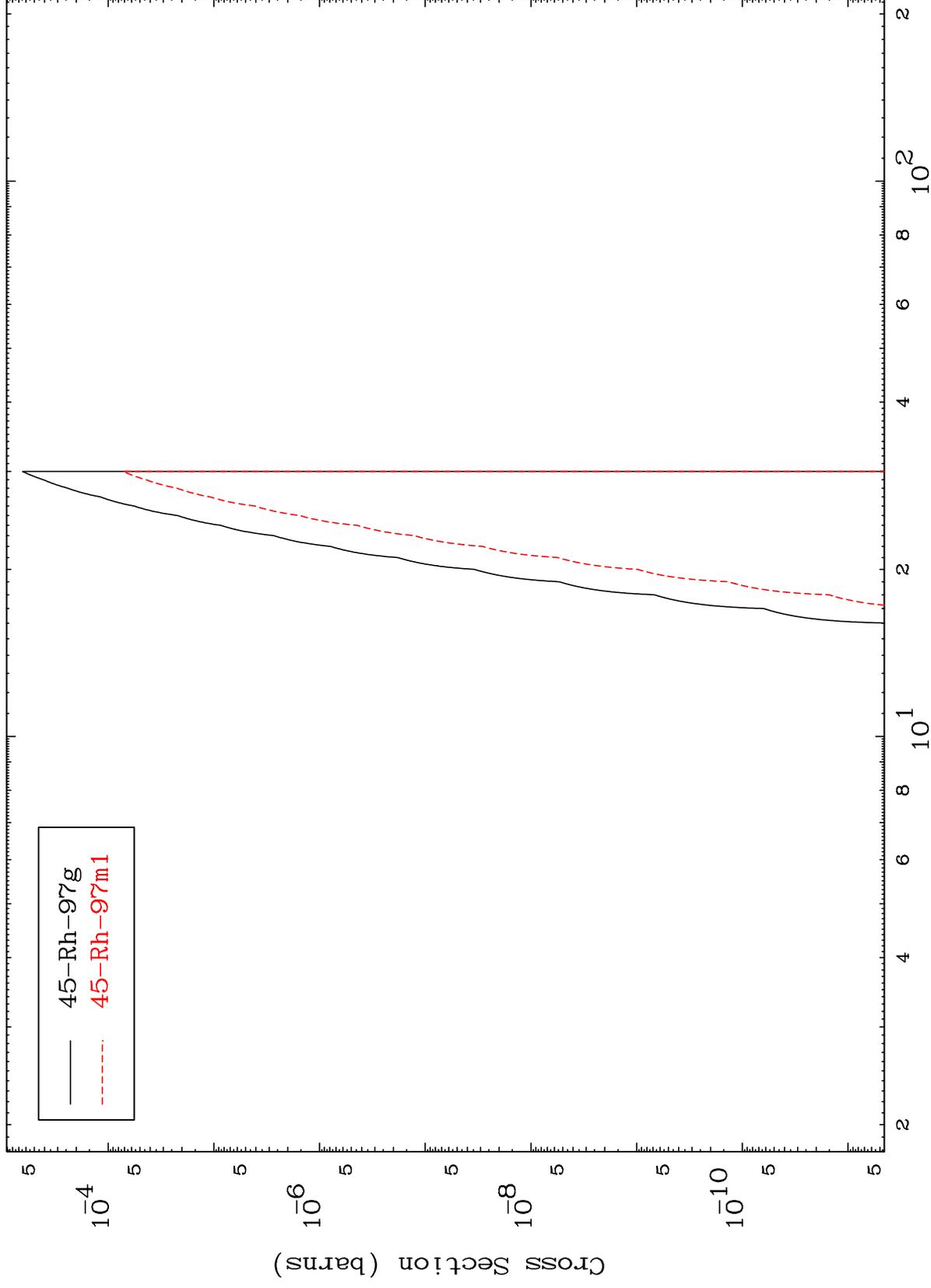
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n,n') 2 α
Radionuclide Production Cross Section

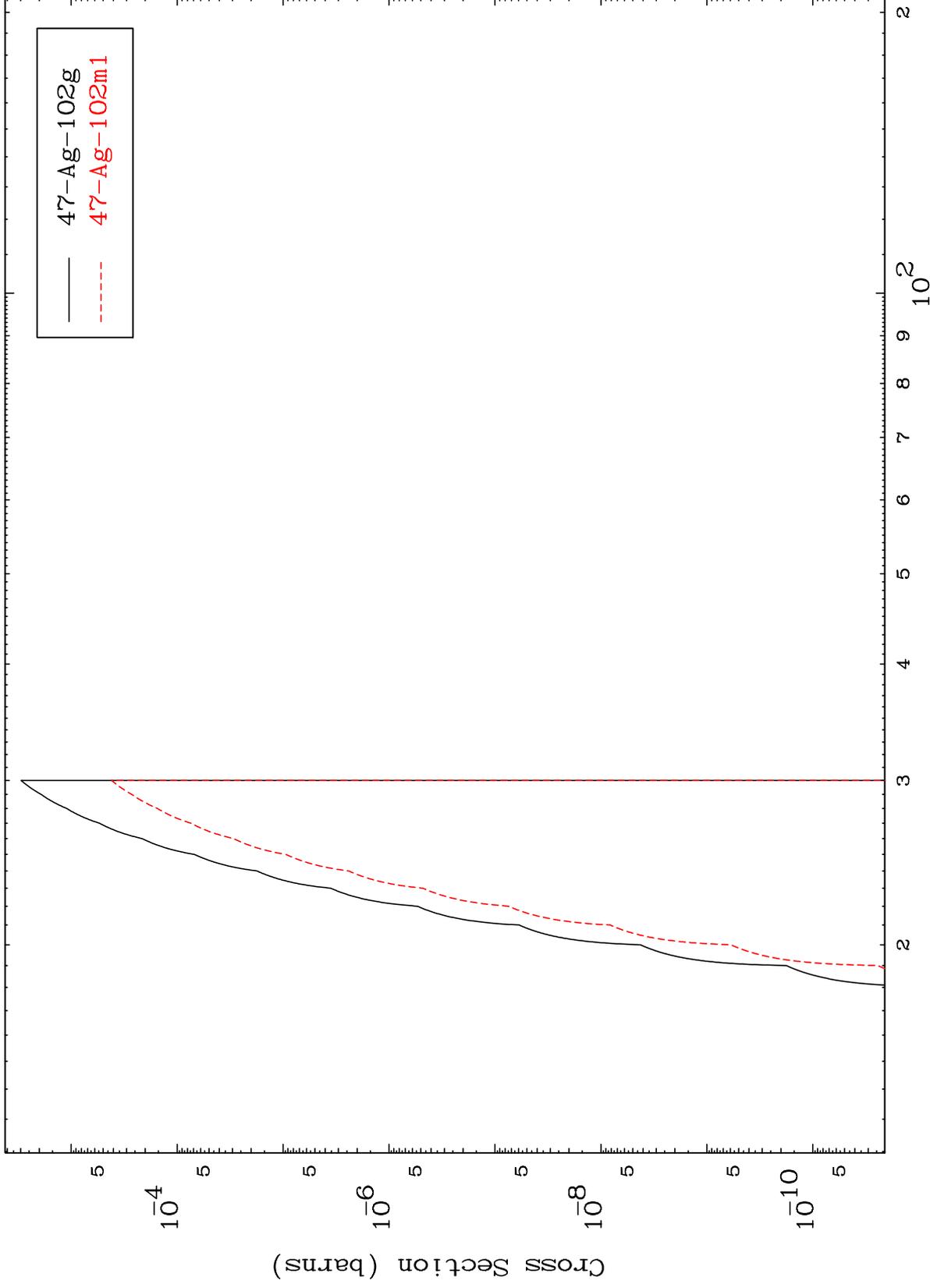


148

49-In-105

Incident Energy (MeV)

Radionuclide Production Cross Section

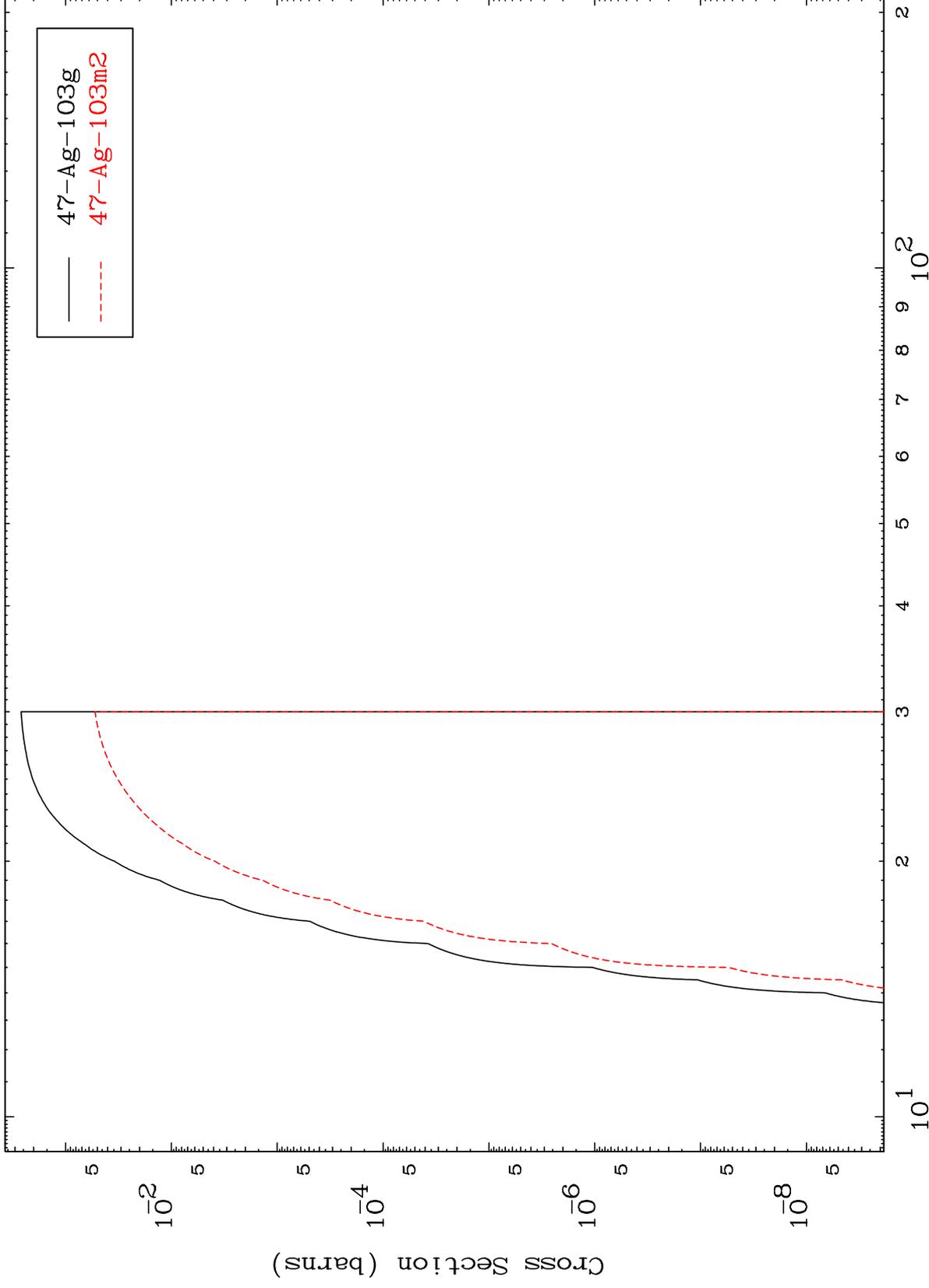


MAT 4901

(n,2n) p

49-In-105

Radionuclide Production Cross Section



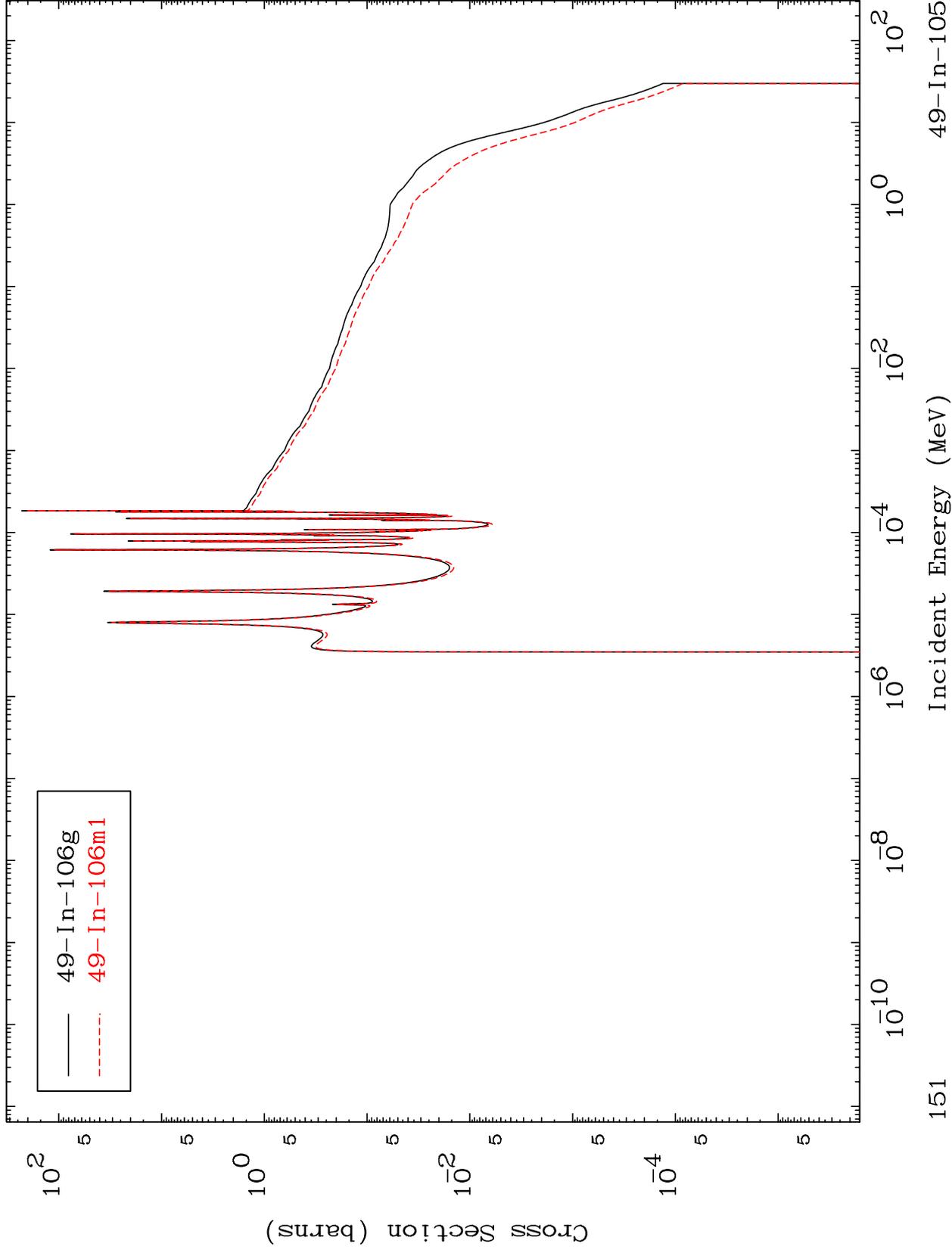
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n, γ)
Radionuclide Production Cross Section

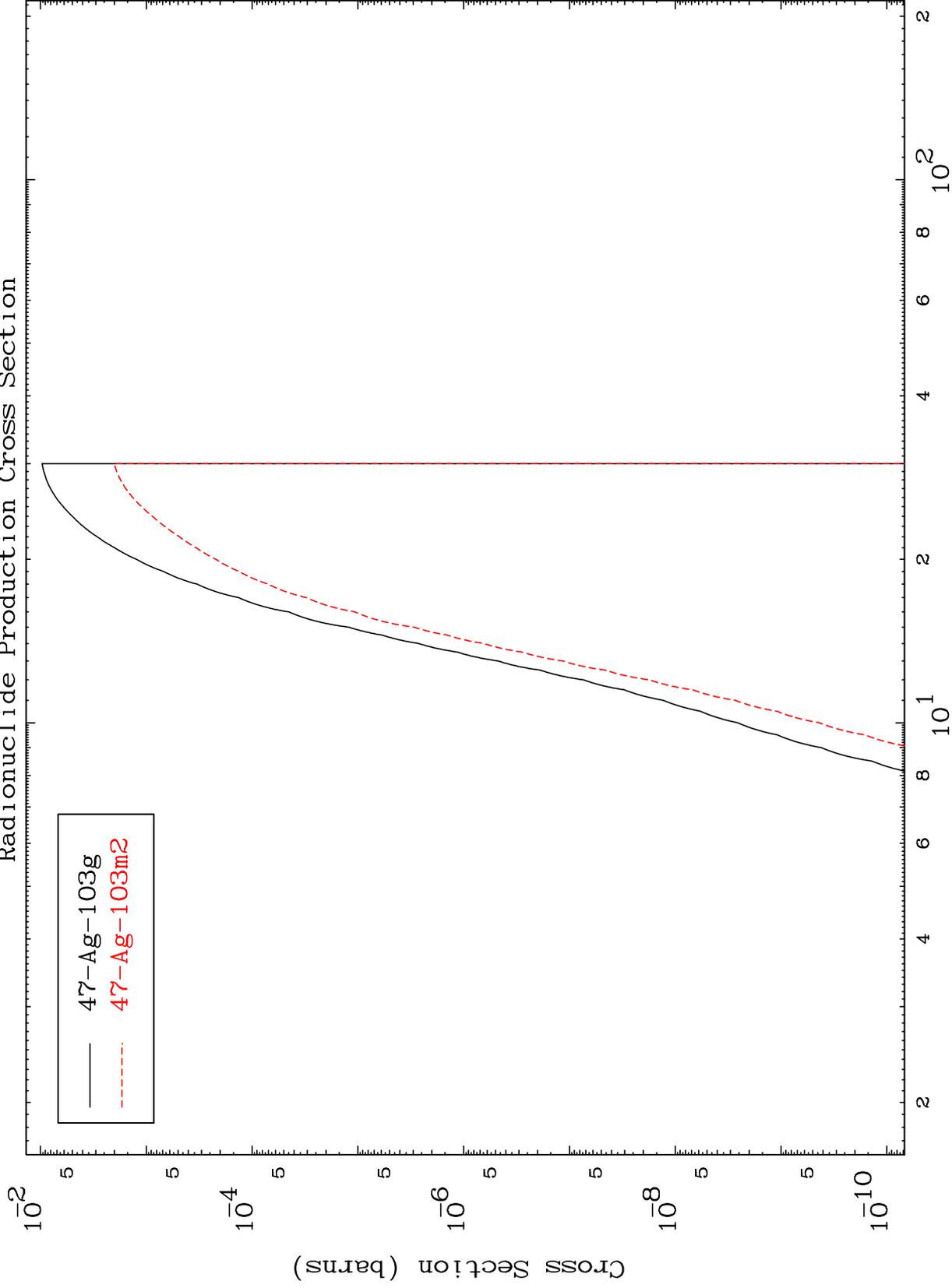


MAT 4901

(n,He-3)

49-In-105

Radionuclide Production Cross Section



152

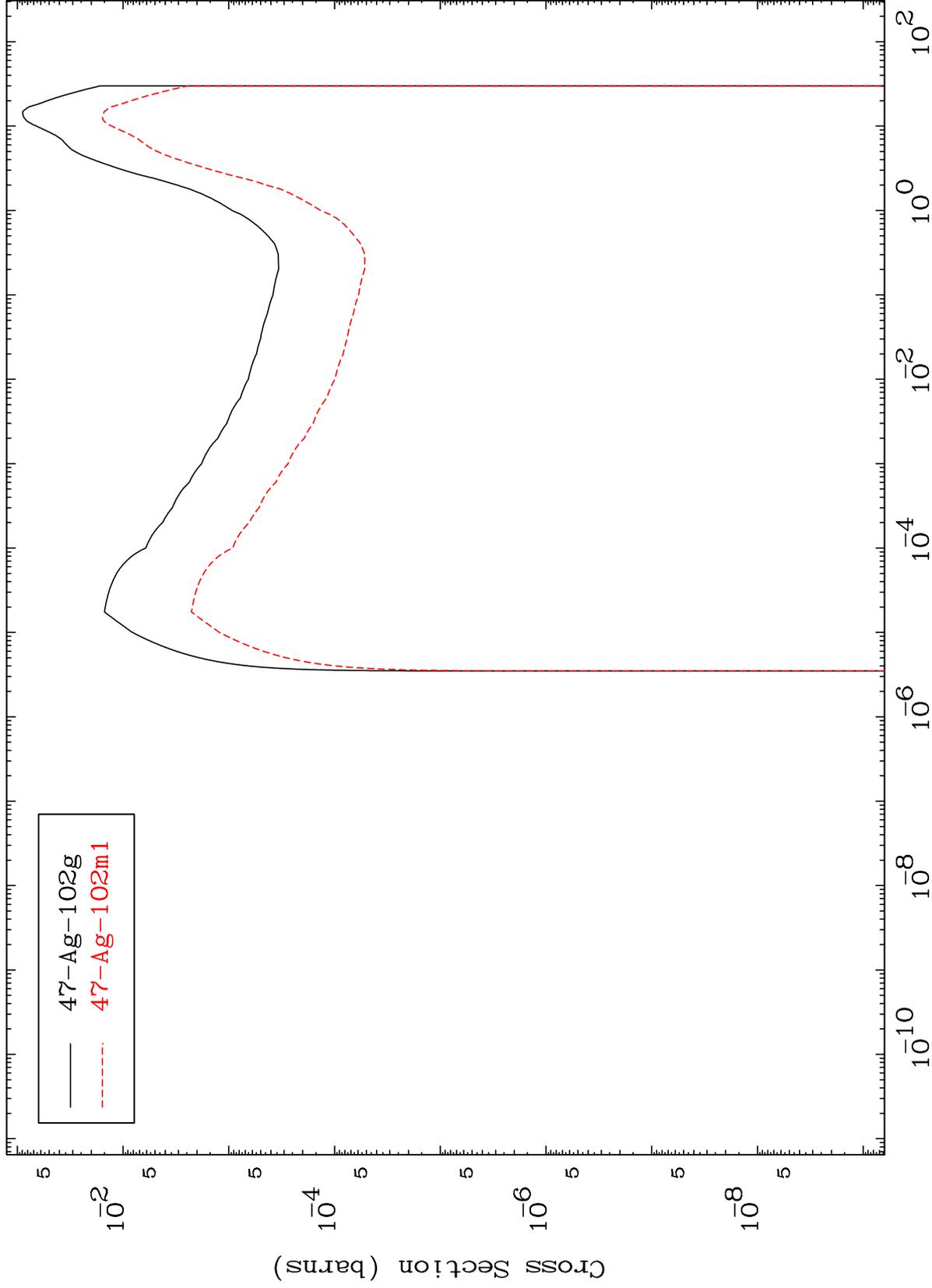
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n, α)
Radionuclide Production Cross Section



153

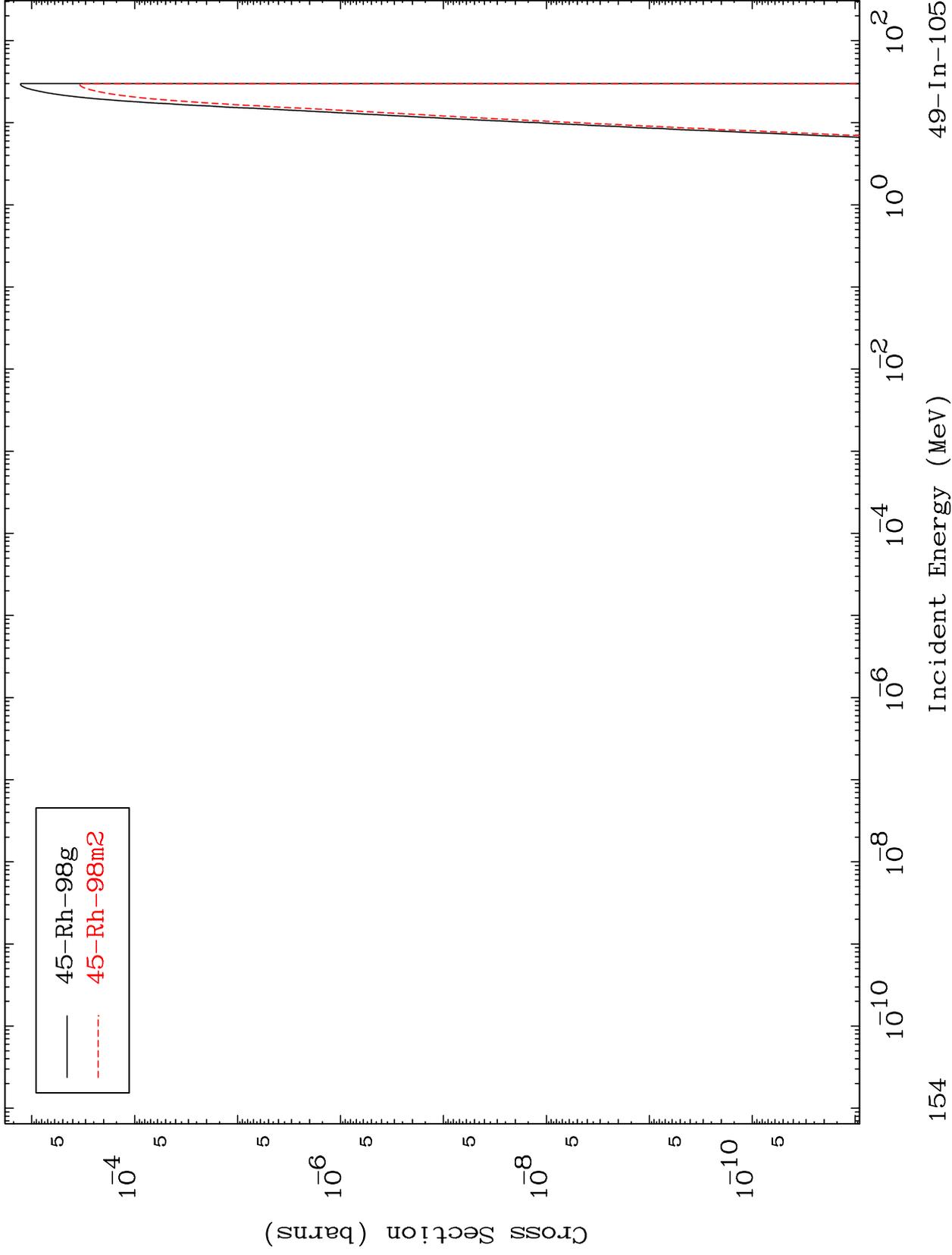
49-In-105

MAT 4901

(n,2α)

49-In-105

Radionuclide Production Cross Section

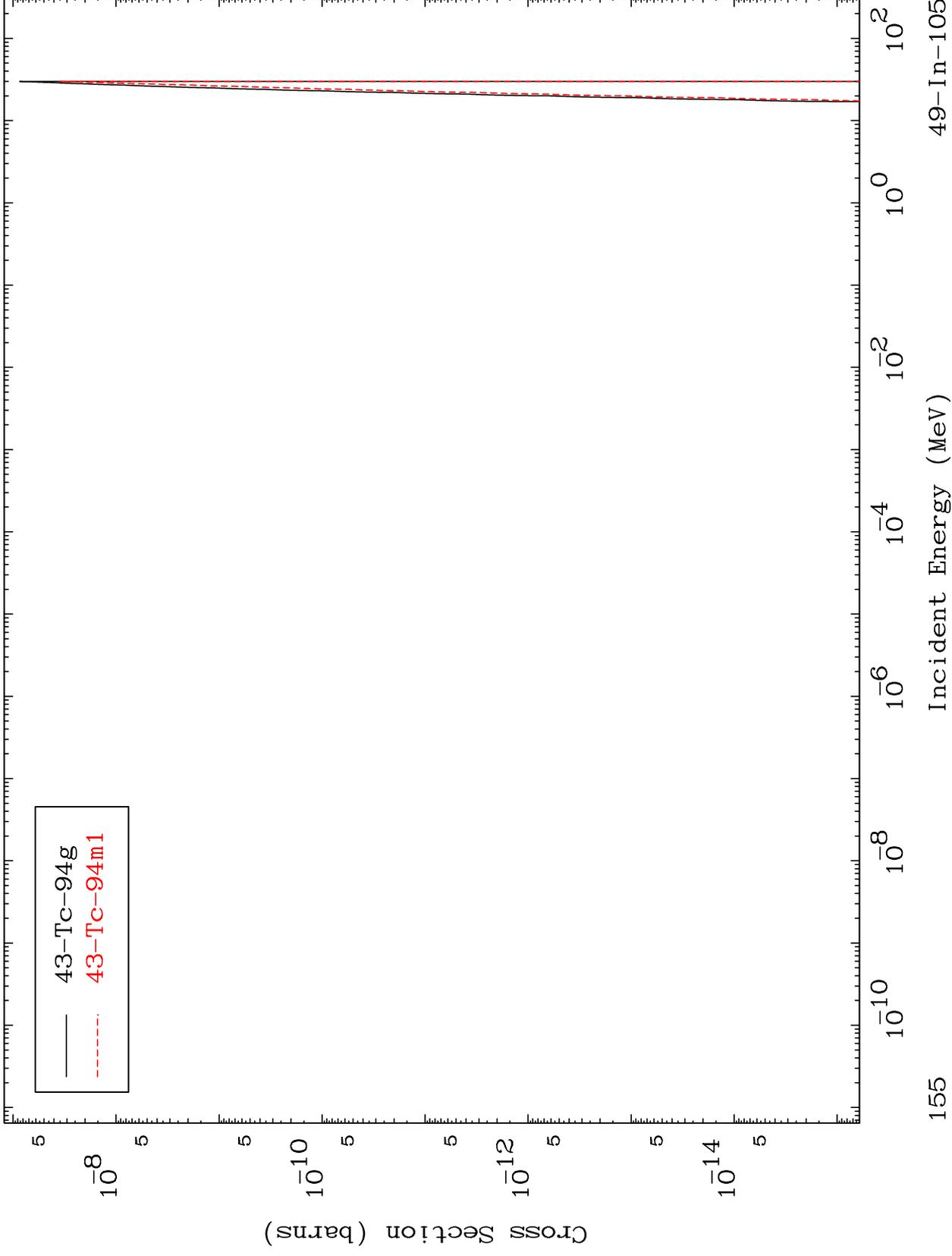


MAT 4901

(n,3 α)

49-In-105

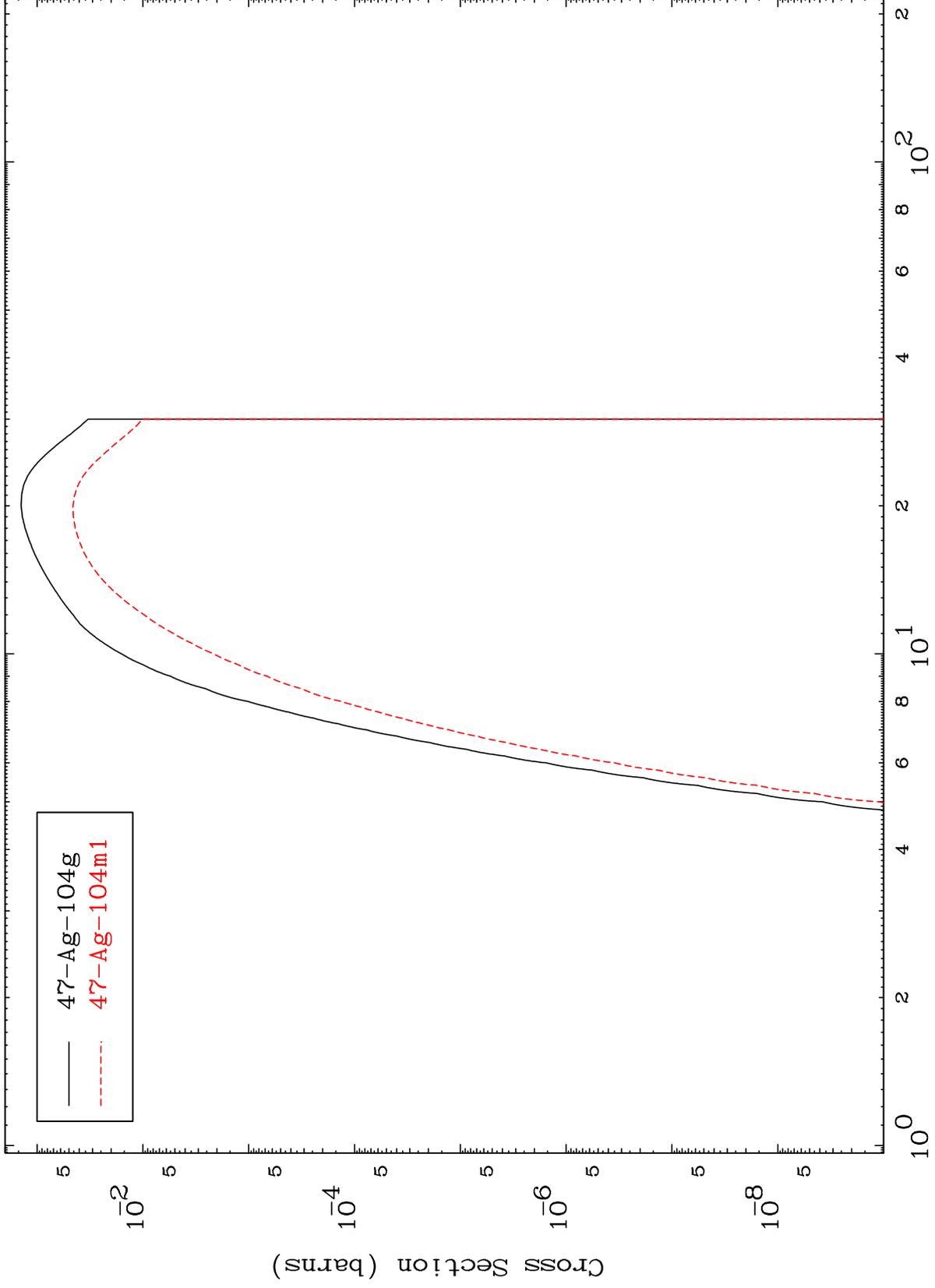
Radionuclide Production Cross Section



MAT 4901

49-In-105

(n,2p)
Radionuclide Production Cross Section



— 47-Ag-104g
- - - 47-Ag-104m1

156

Incident Energy (MeV)

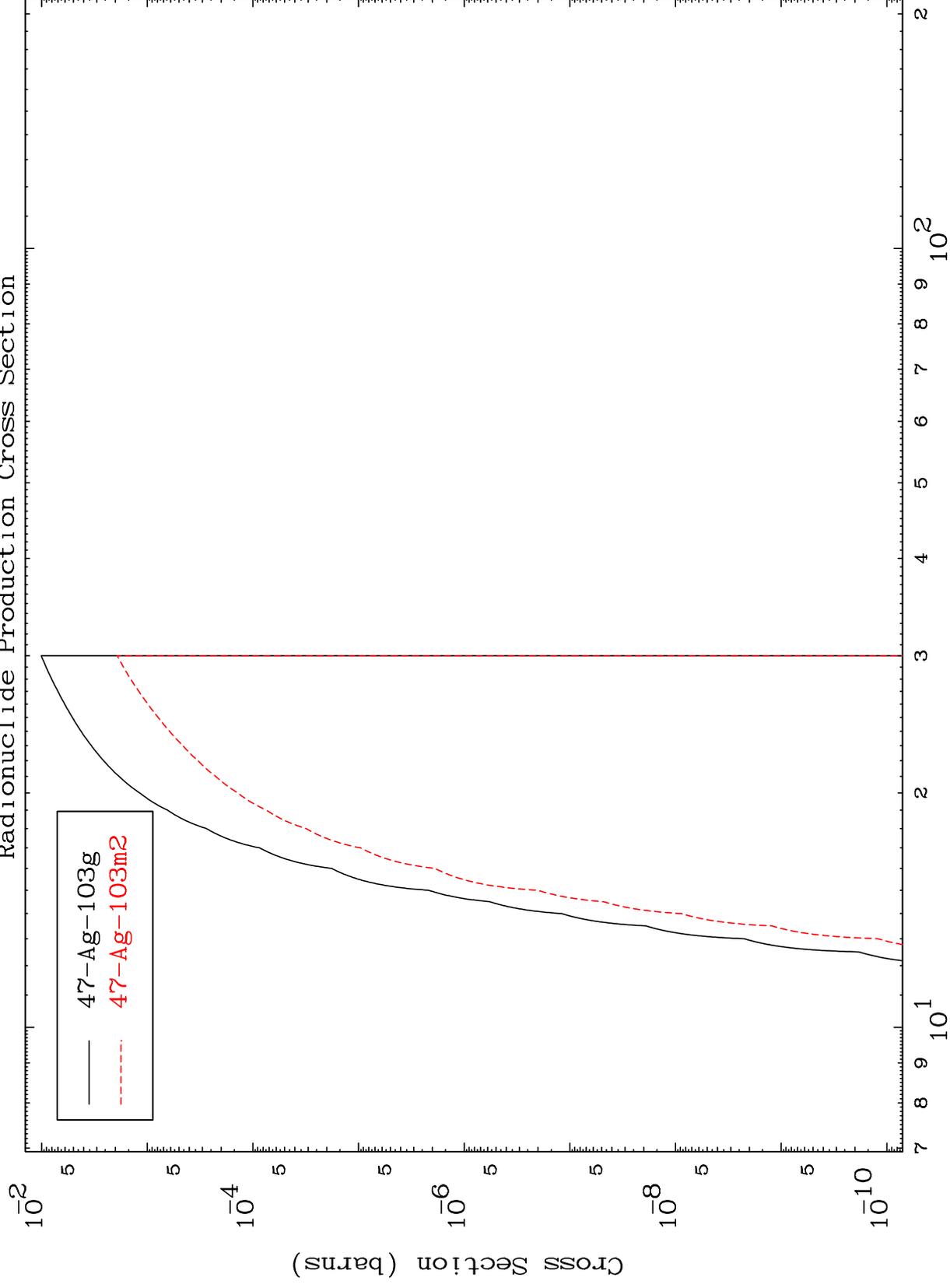
49-In-105

MAT 4901

(n,p) d

49-In-105

Radionuclide Production Cross Section



157

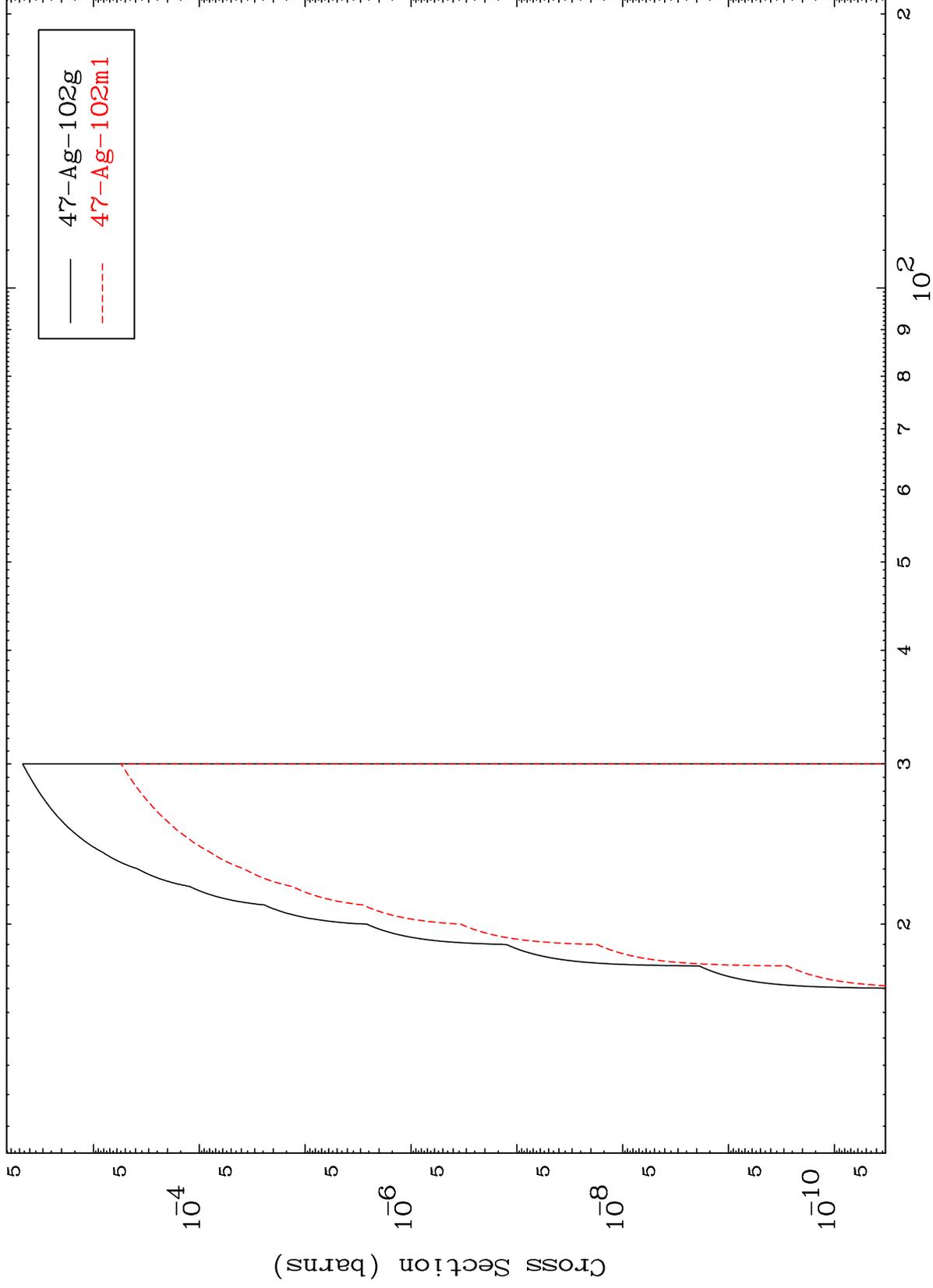
49-In-105

MAT 4901

(n,p) t

49-In-105

Radionuclide Production Cross Section



158

Incident Energy (MeV)

49-In-105