

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

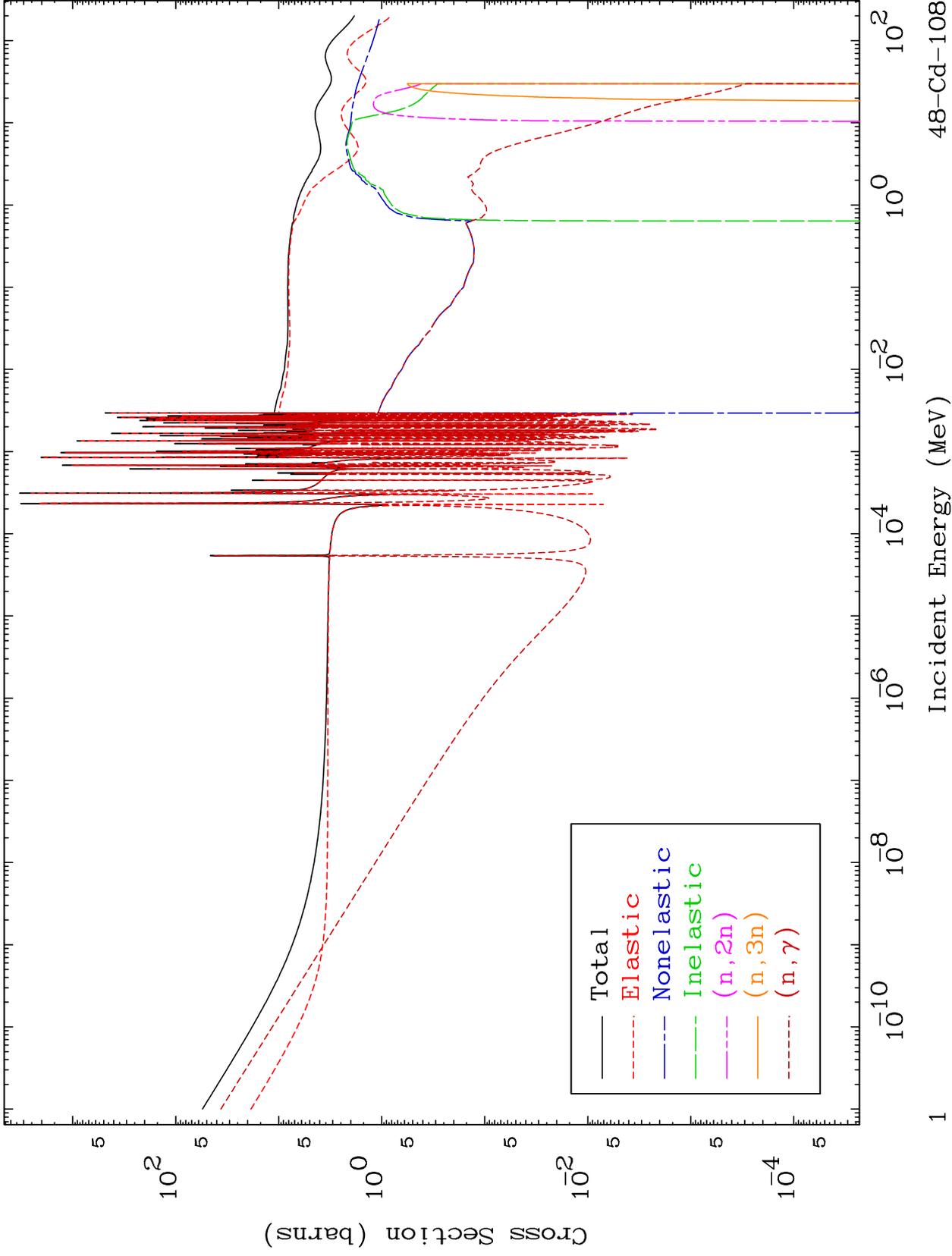
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Press Mouse Button to Start

MAT 4831

Neutron Major
293 Kelvin Cross Sections

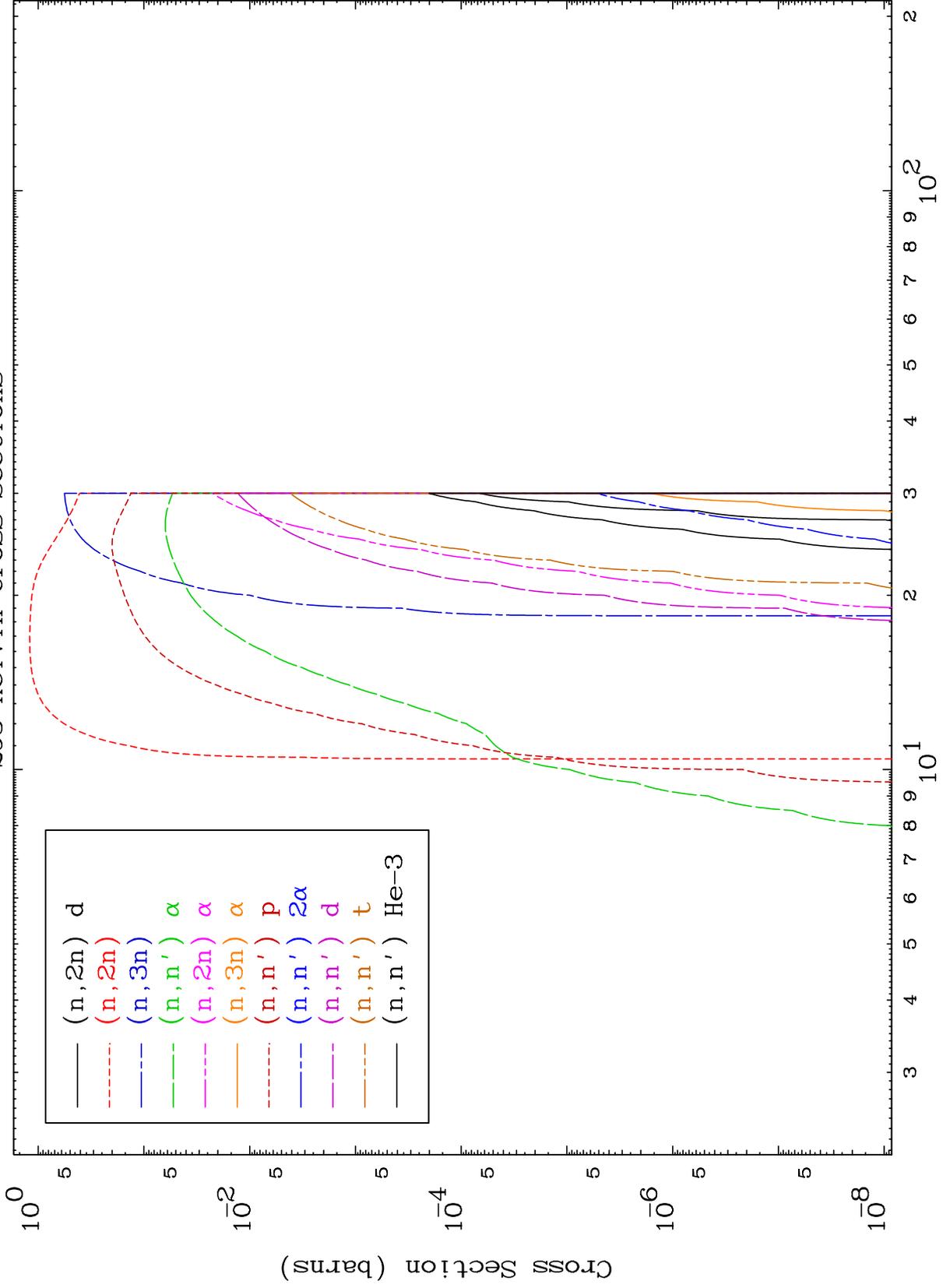
48-Cd-108



MAT 4831

Neutron Absorption
293 Kelvin Cross Sections

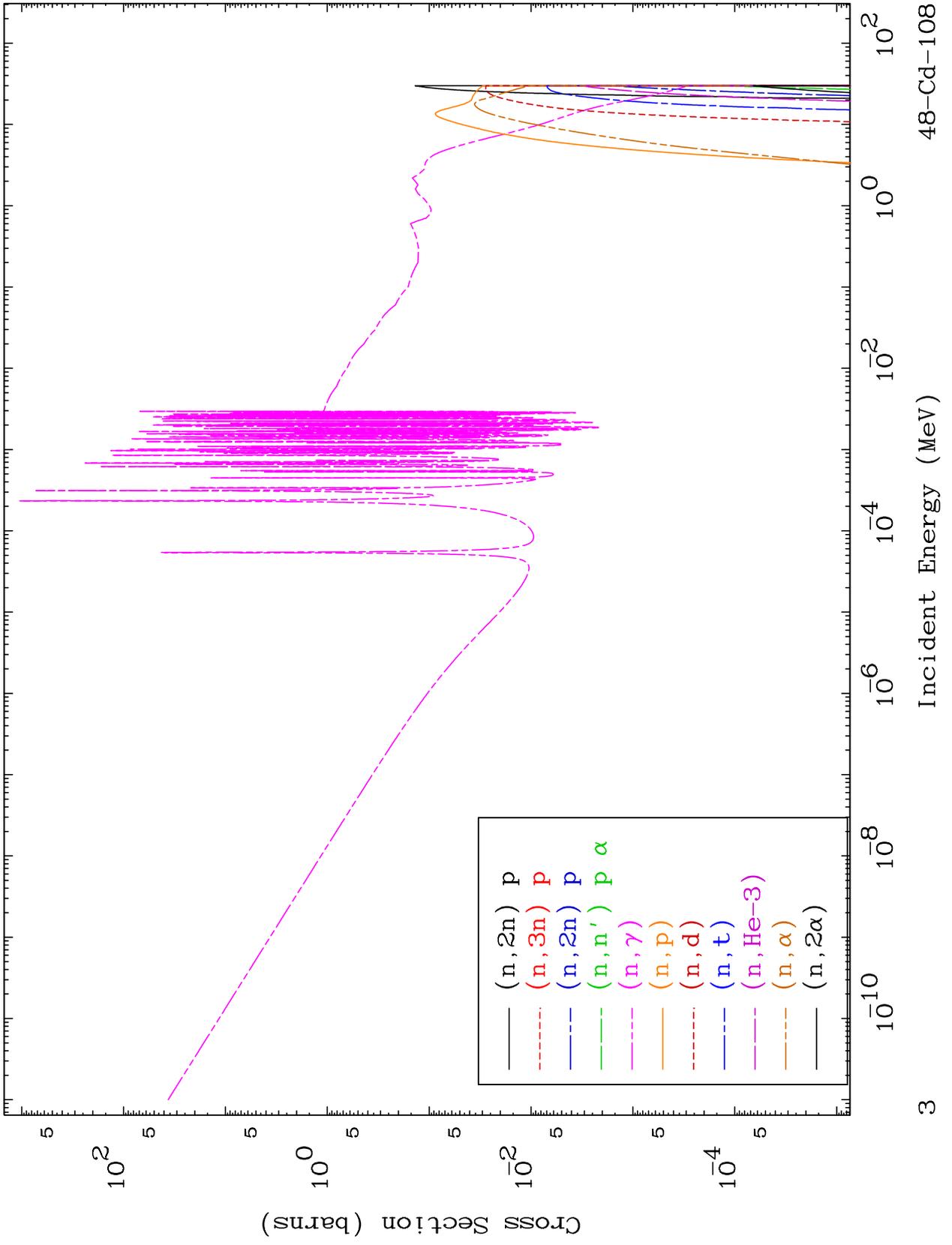
48-Cd-108



MAT 4831

Neutron Absorption
293 Kelvin Cross Sections

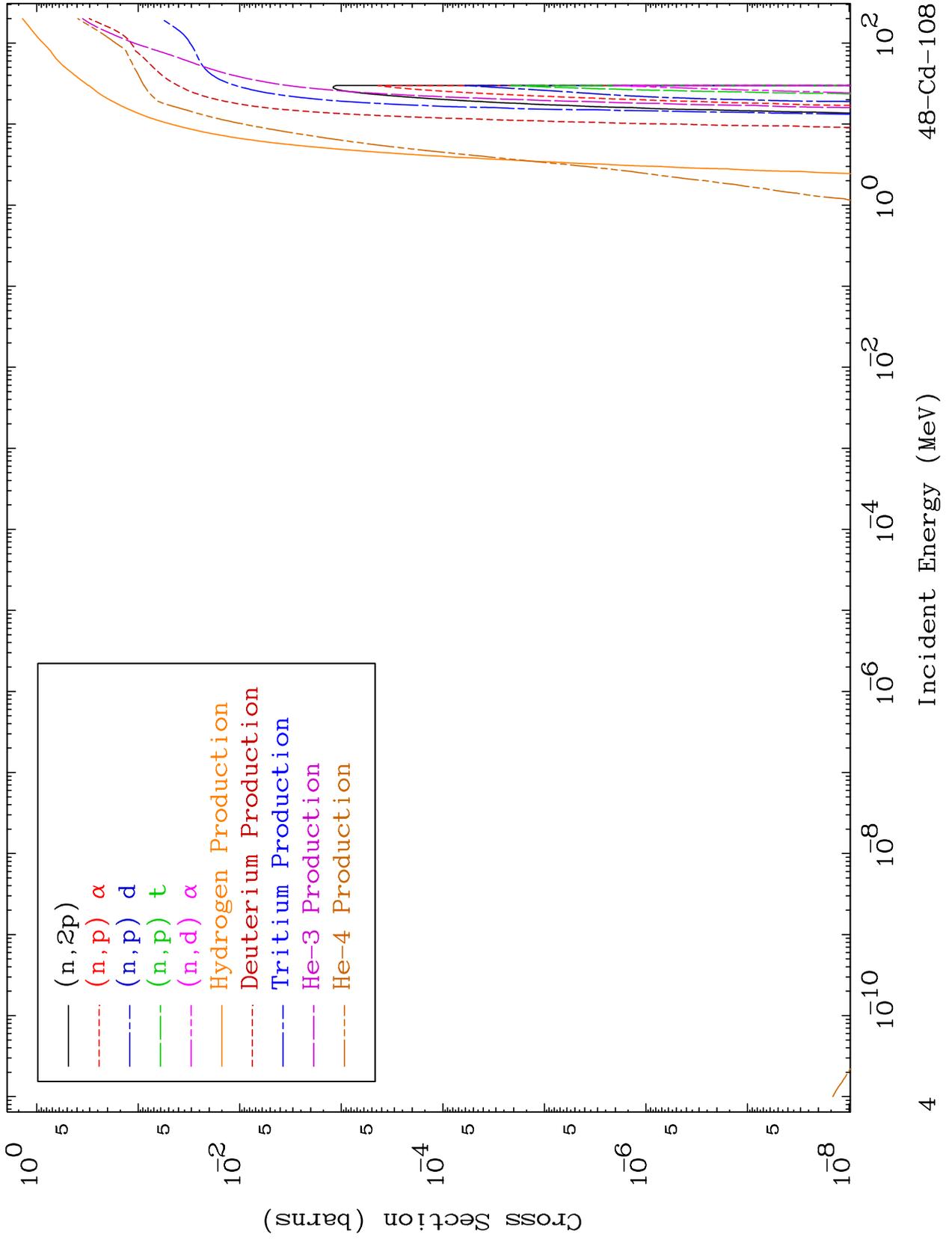
48-Cd-108



MAT 4831

Neutron Absorption
293 Kelvin Cross Sections

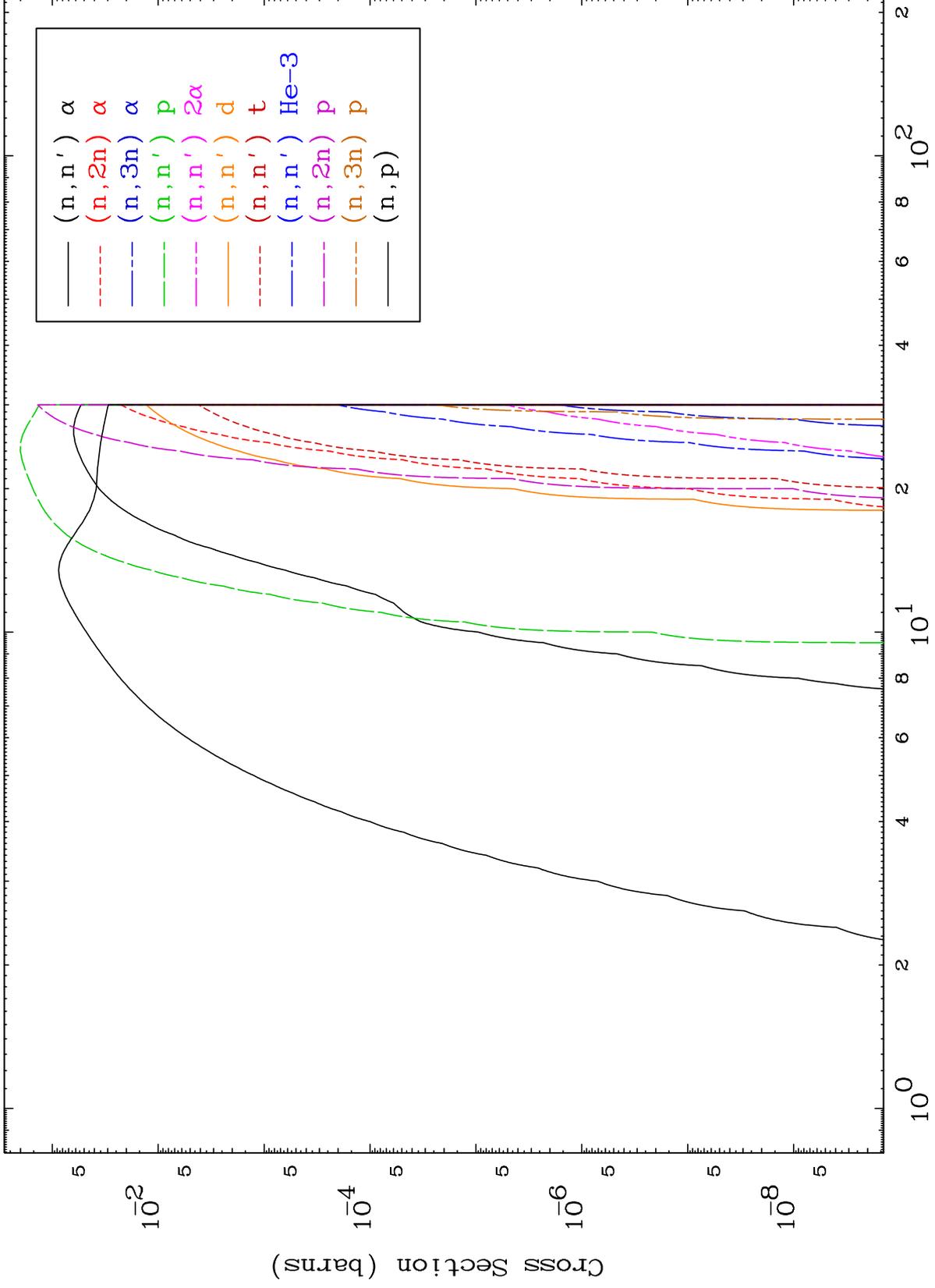
48-Cd-108



MAT 4831

Charged Particle
293 Kelvin Cross Sections

48-Cd-108



48-Cd-108

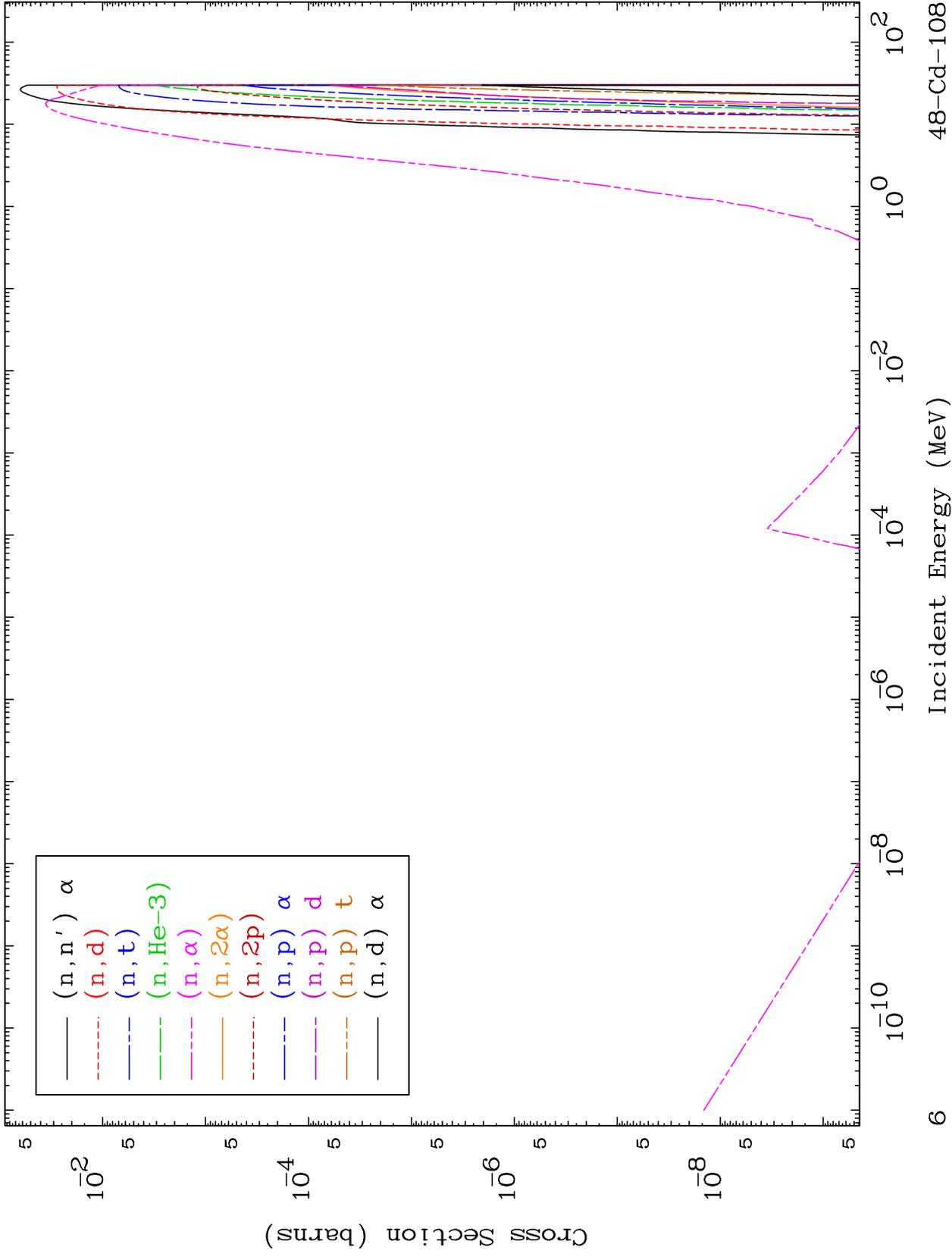
Incident Energy (MeV)

5

MAT 4831

Charged Particle
293 Kelvin Cross Sections

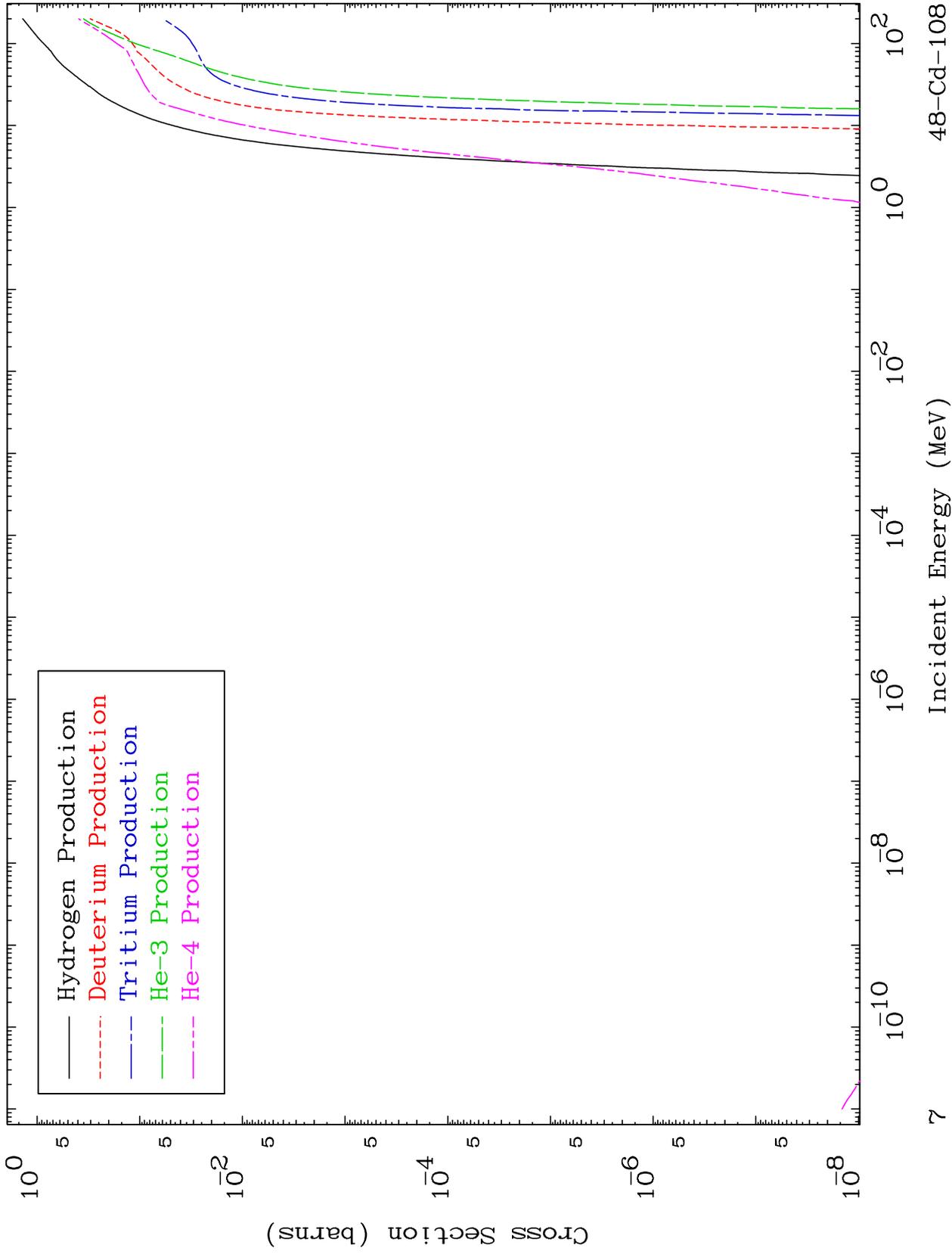
48-Cd-108



MAT 4831

Particle Production
293 Kelvin Cross Sections

48-Cd-108

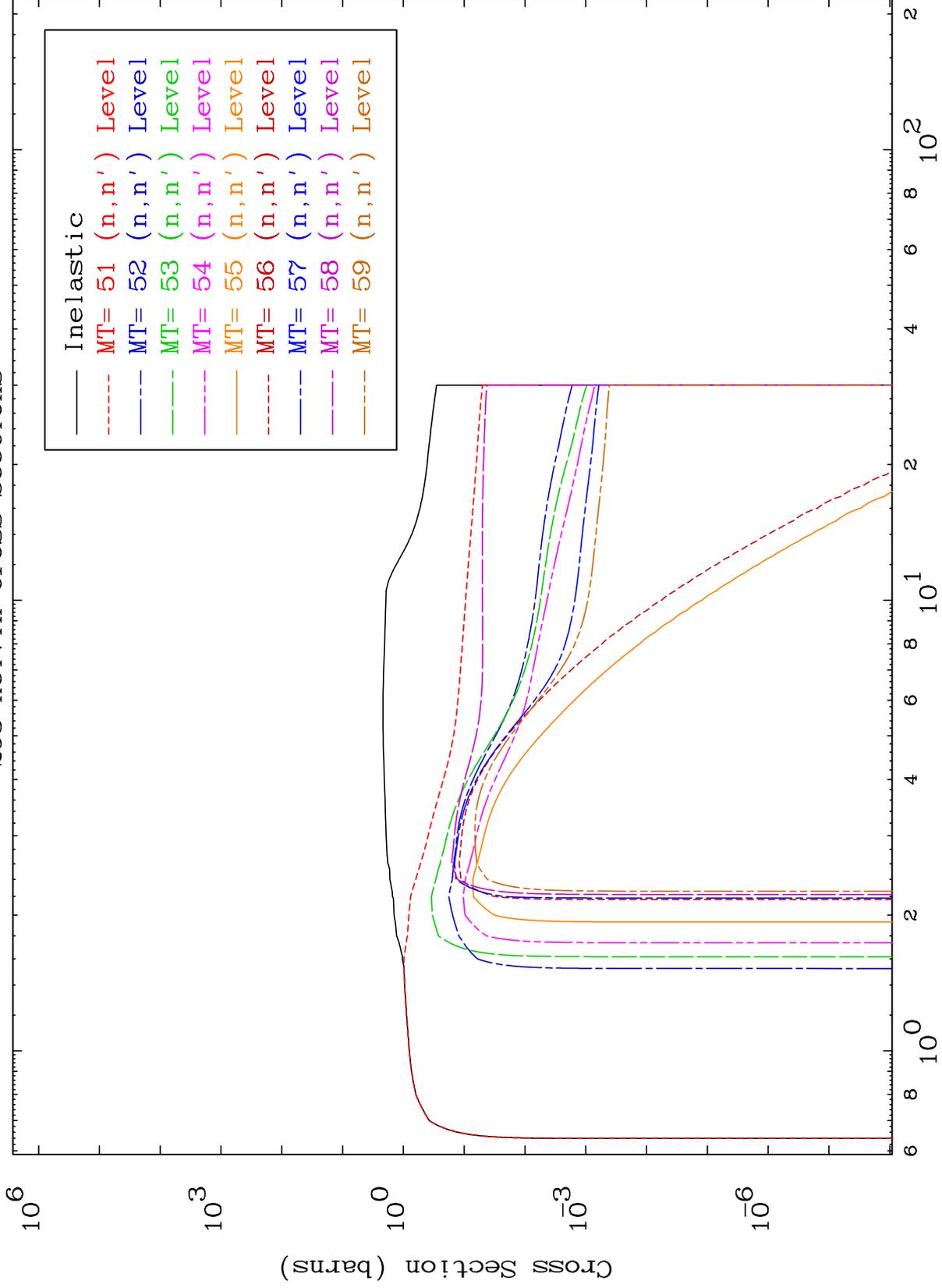


MAT 4831

(n,n') Levels

48-Cd-108

293 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-108

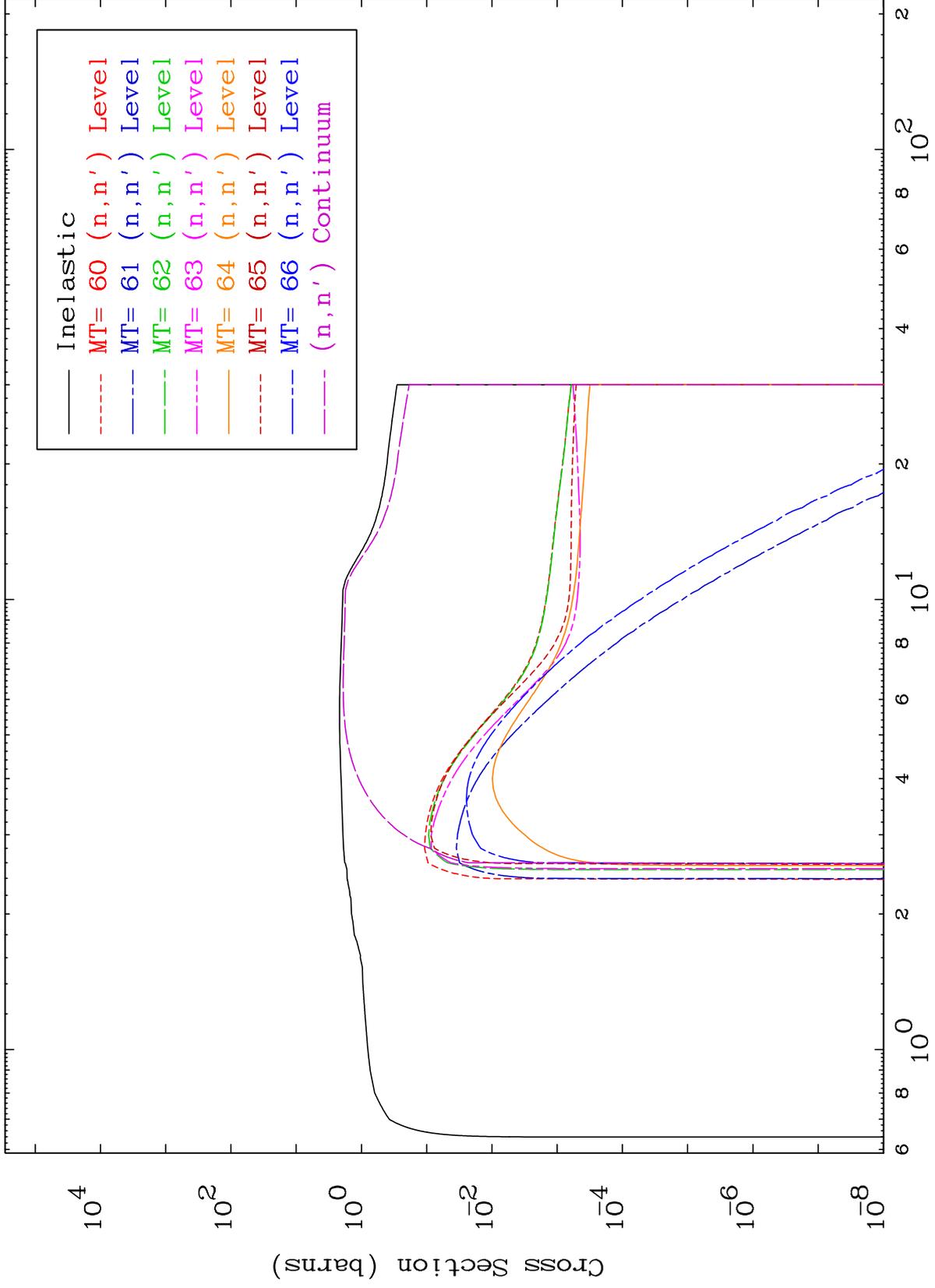
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MAT 4831

(n,n') Levels

48-Cd-108

293 Kelvin Cross Sections



9

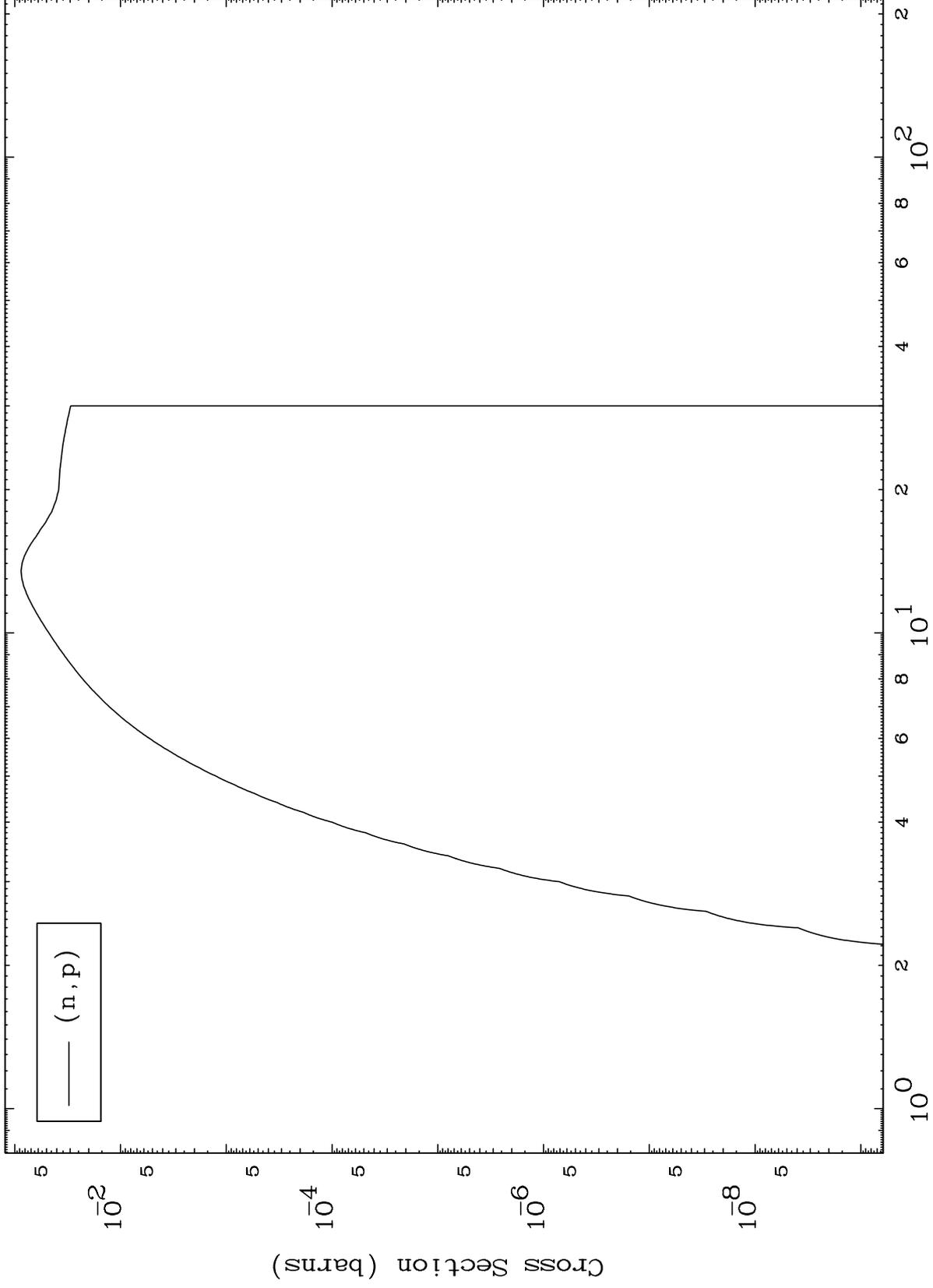
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-108



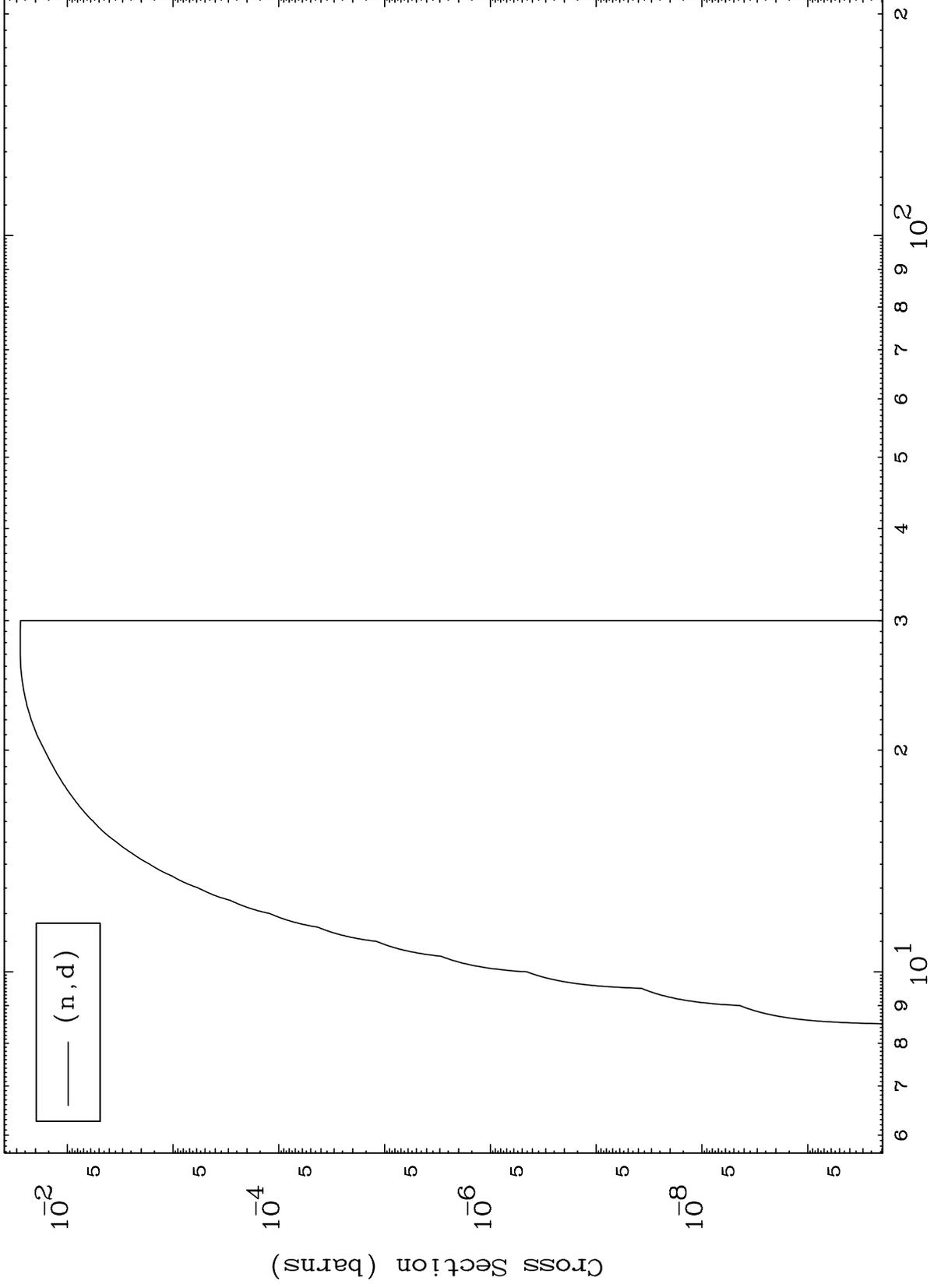
48-Cd-108

48-Cd-108

MAT 4831

(n,d) Levels
293 Kelvin Cross Sections

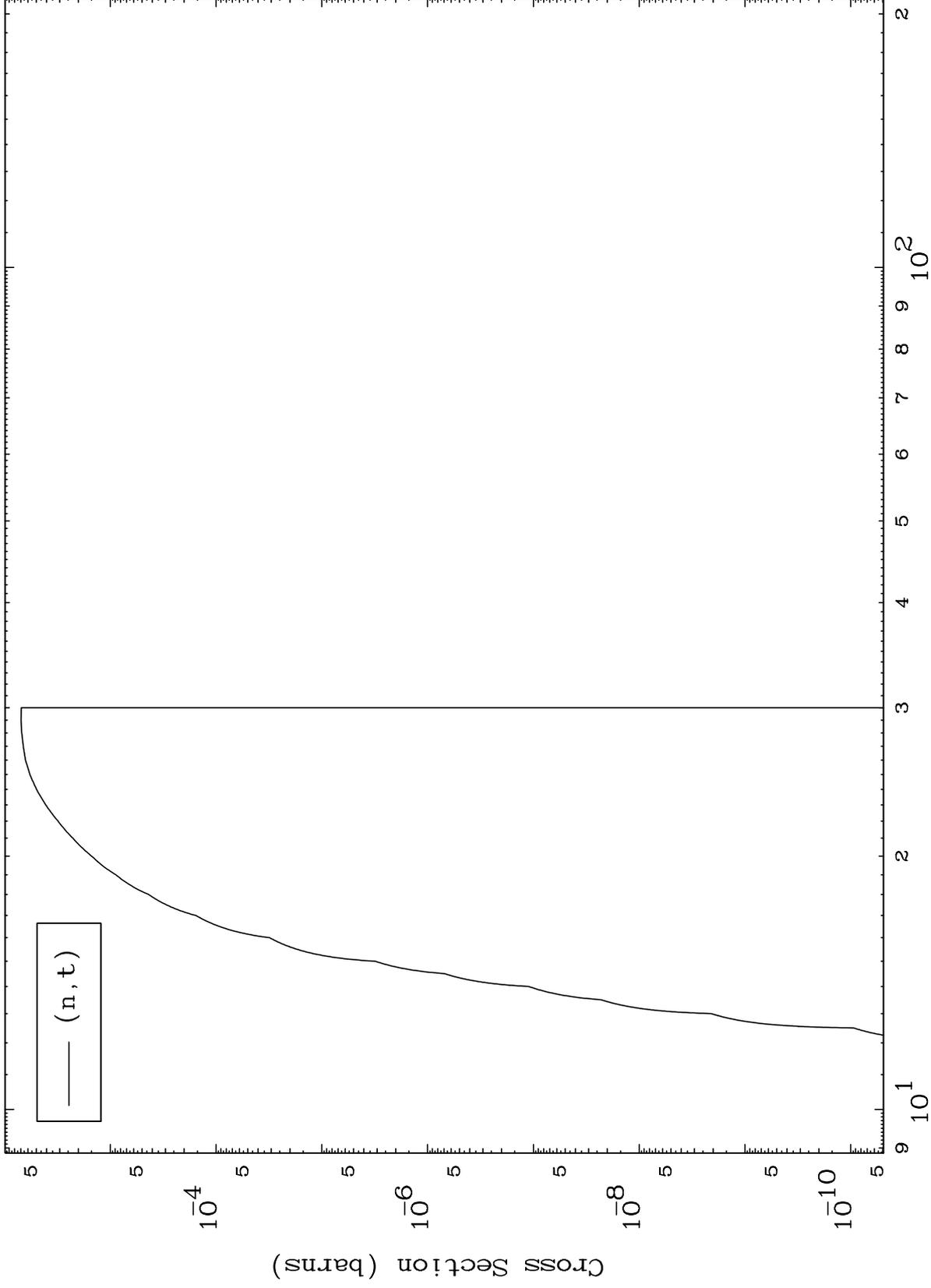
48-Cd-108



MAT 4831

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-108



12

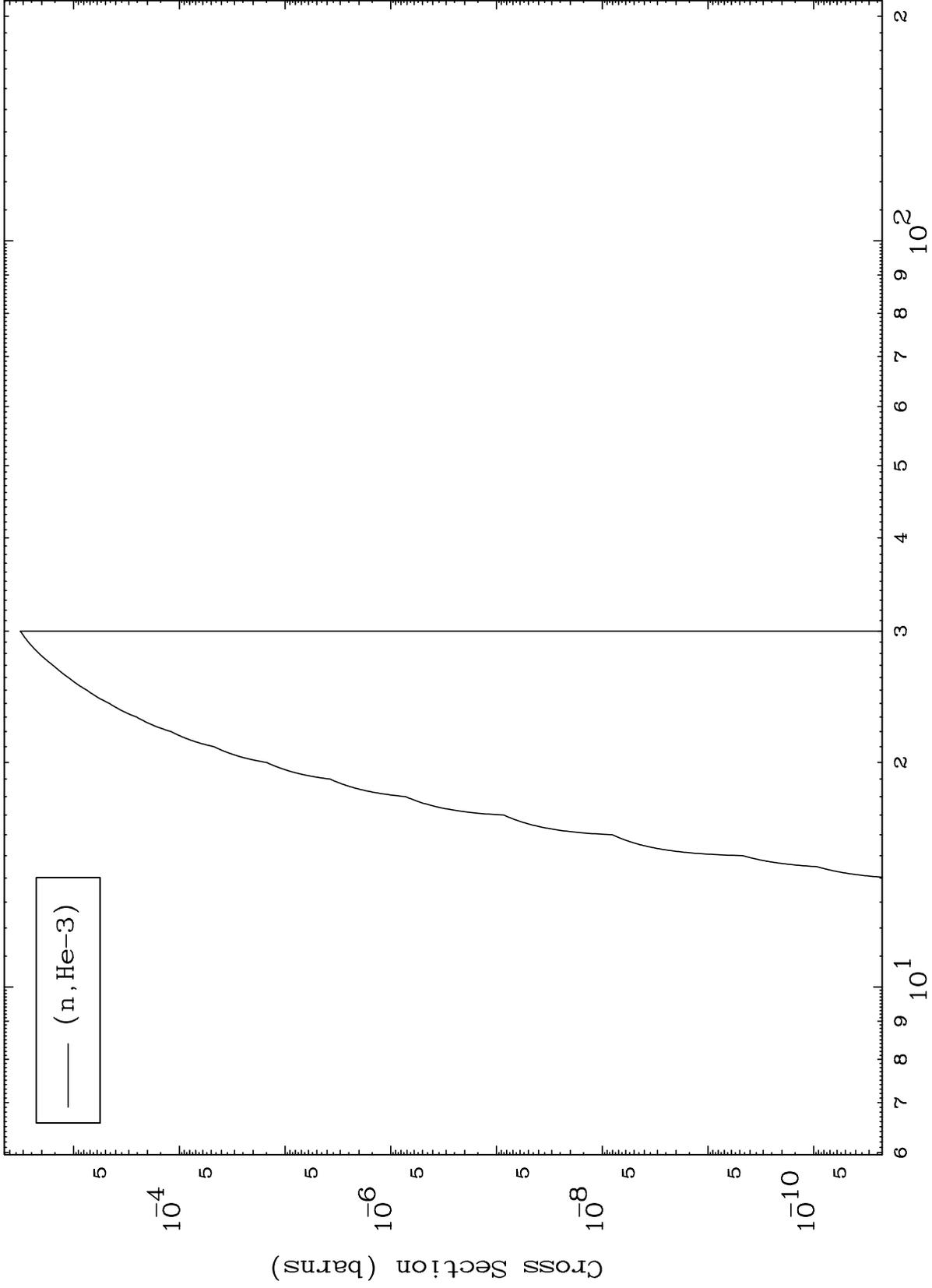
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-108



13

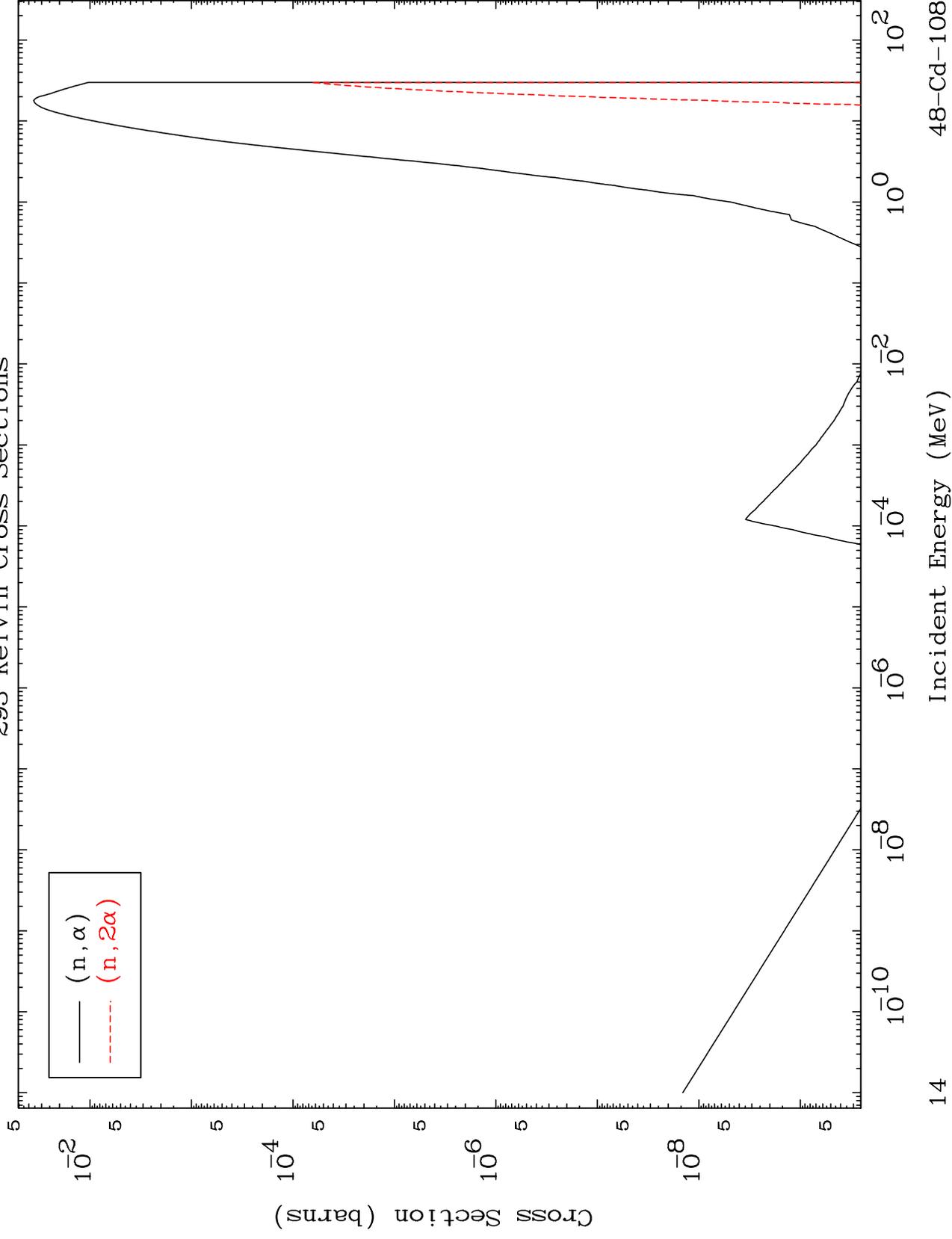
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n, α) Levels
293 Kelvin Cross Sections

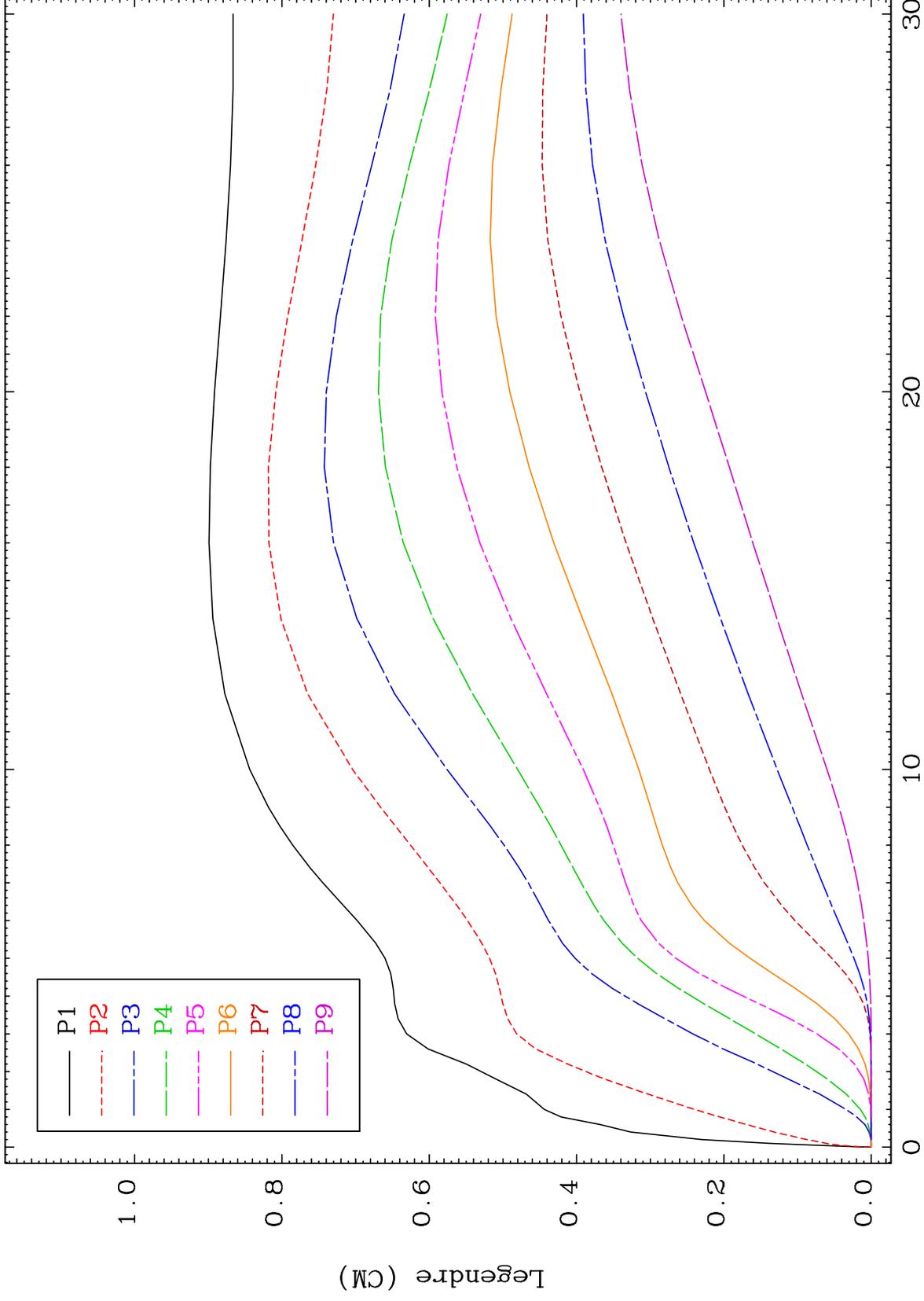
48-Cd-108



MAT 4831

Elastic Legendre Coefficients

48-Cd-108

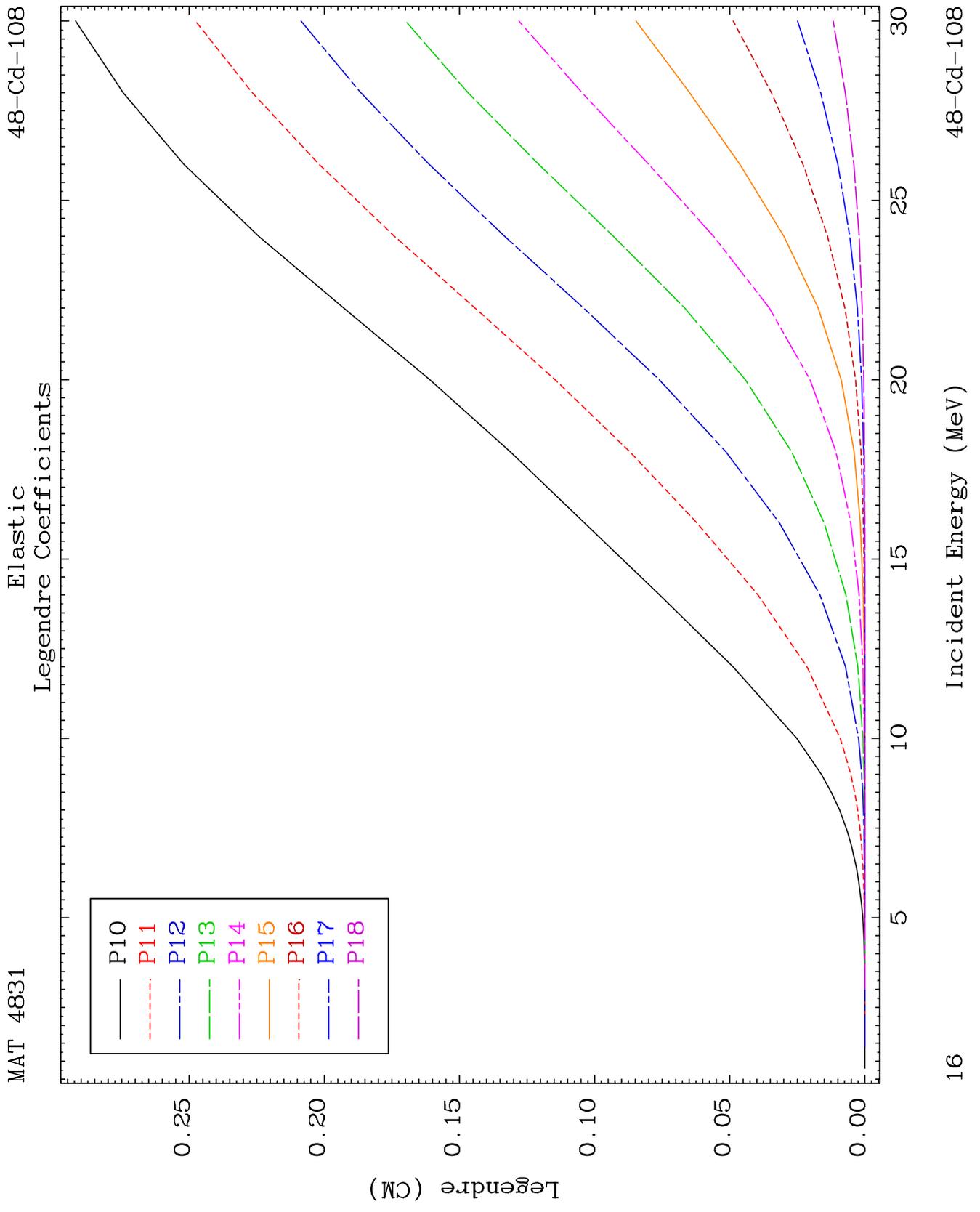


15

Incident Energy (MeV)

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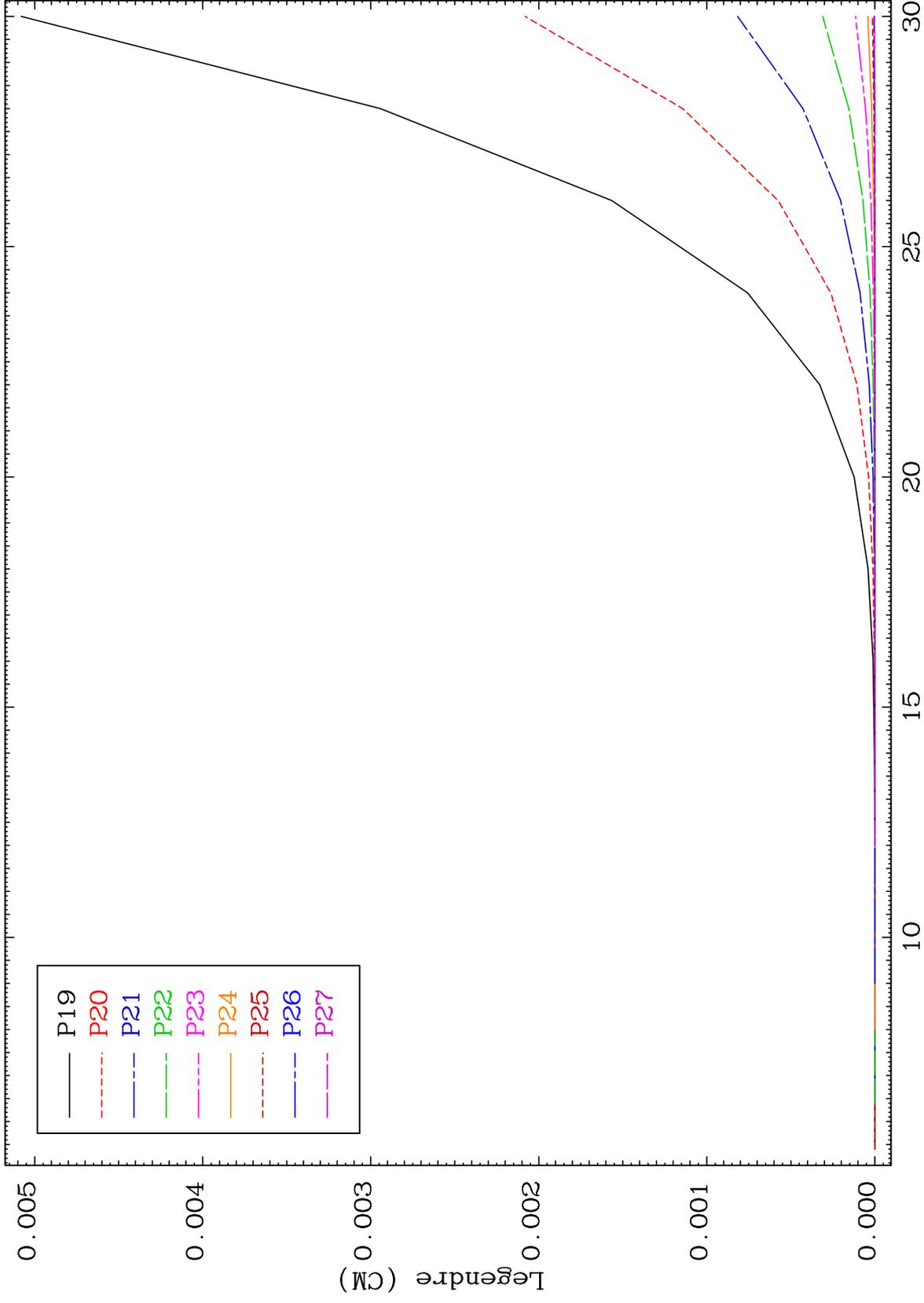
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MAT 4831

Elastic Legendre Coefficients

48-Cd-108



17

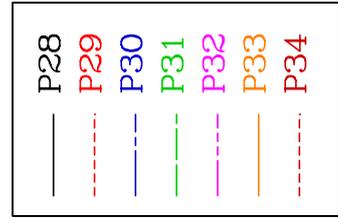
Incident Energy (MeV)

48-Cd-108

MAT 4831

Elastic Legendre Coefficients

48-Cd-108



$\times 10^{-72}$

Legendre (CM)

1

0

-1

15

20

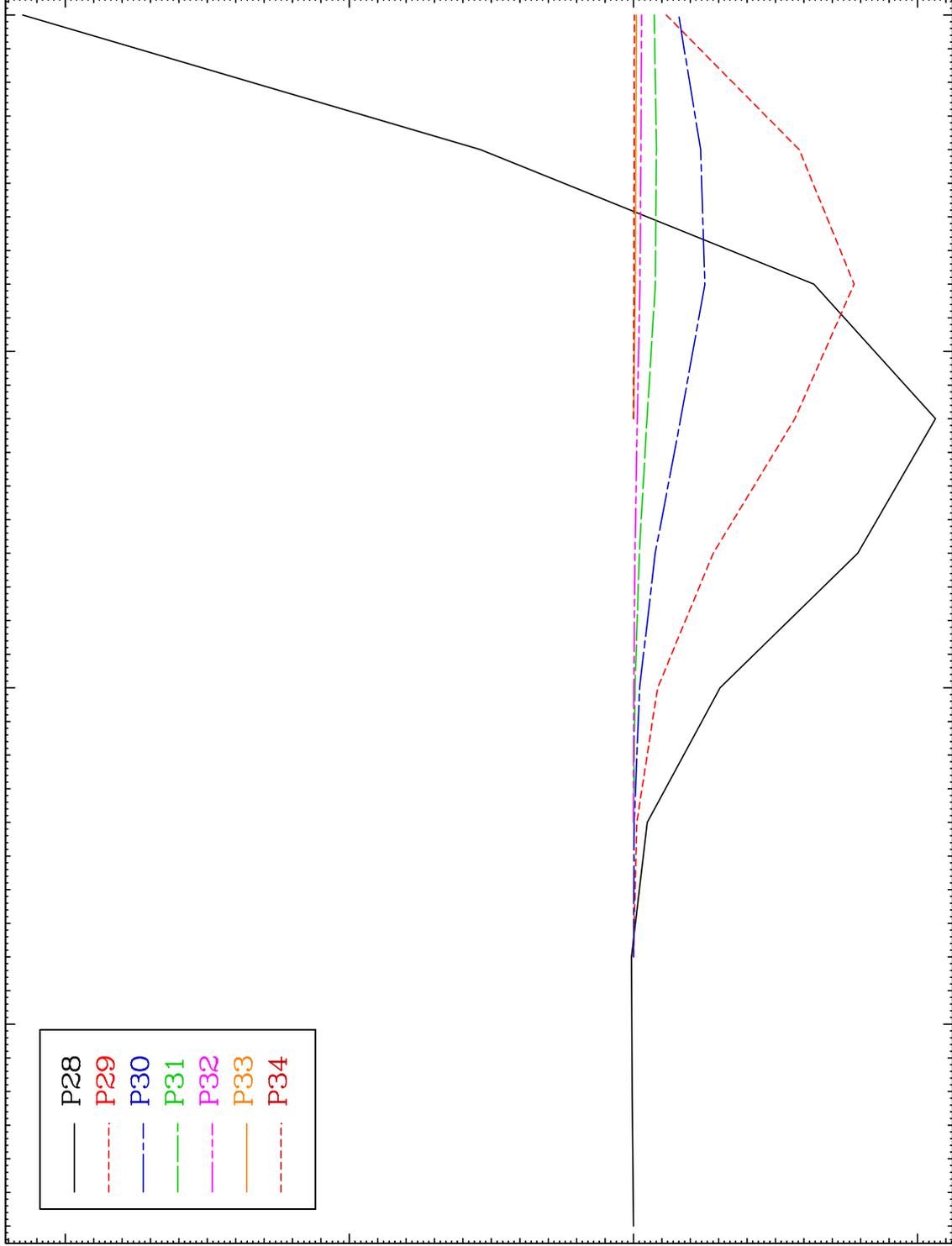
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30

18

Incident Energy (MeV)

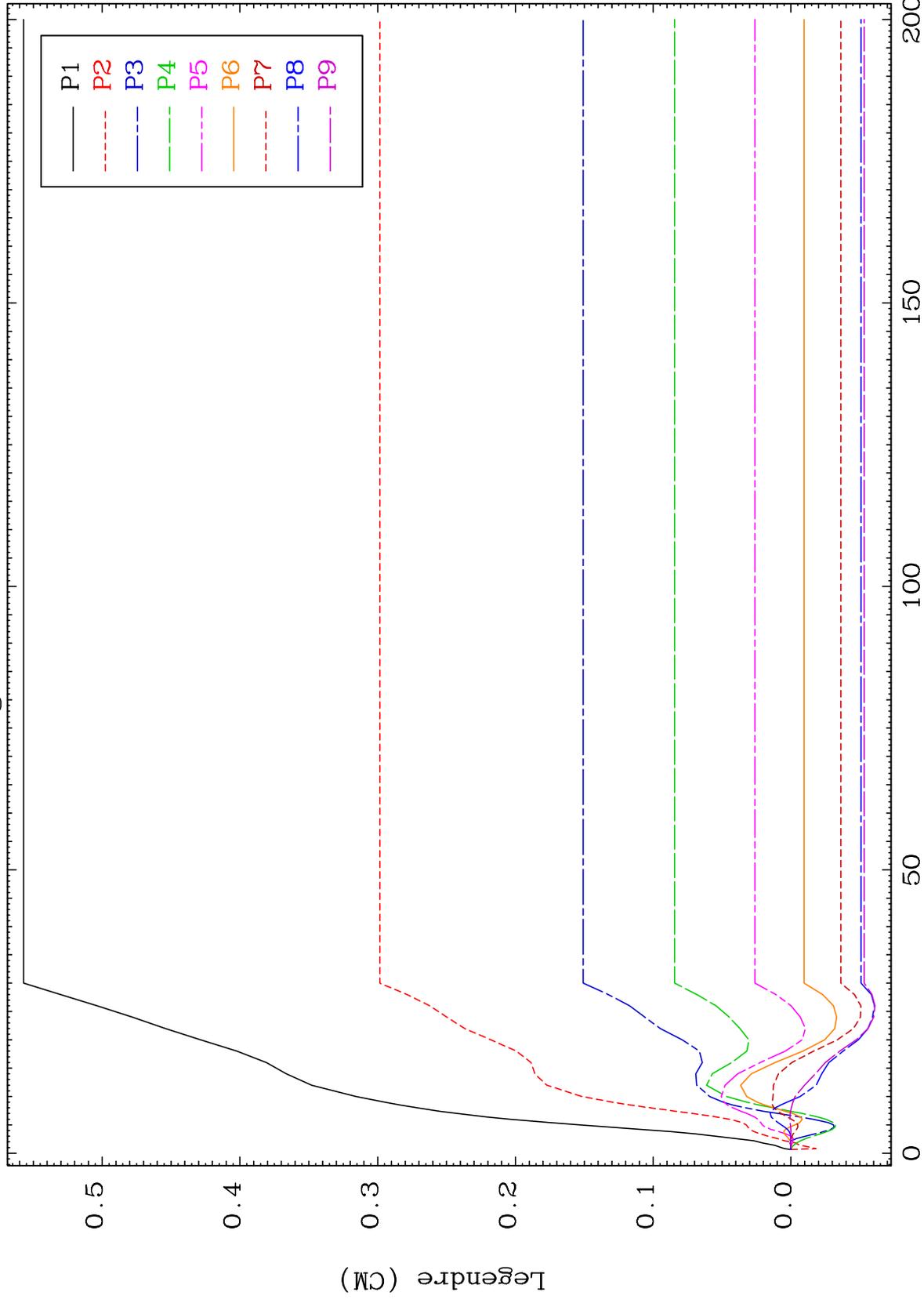
48-Cd-108



MAT 4831

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

48-Cd-108



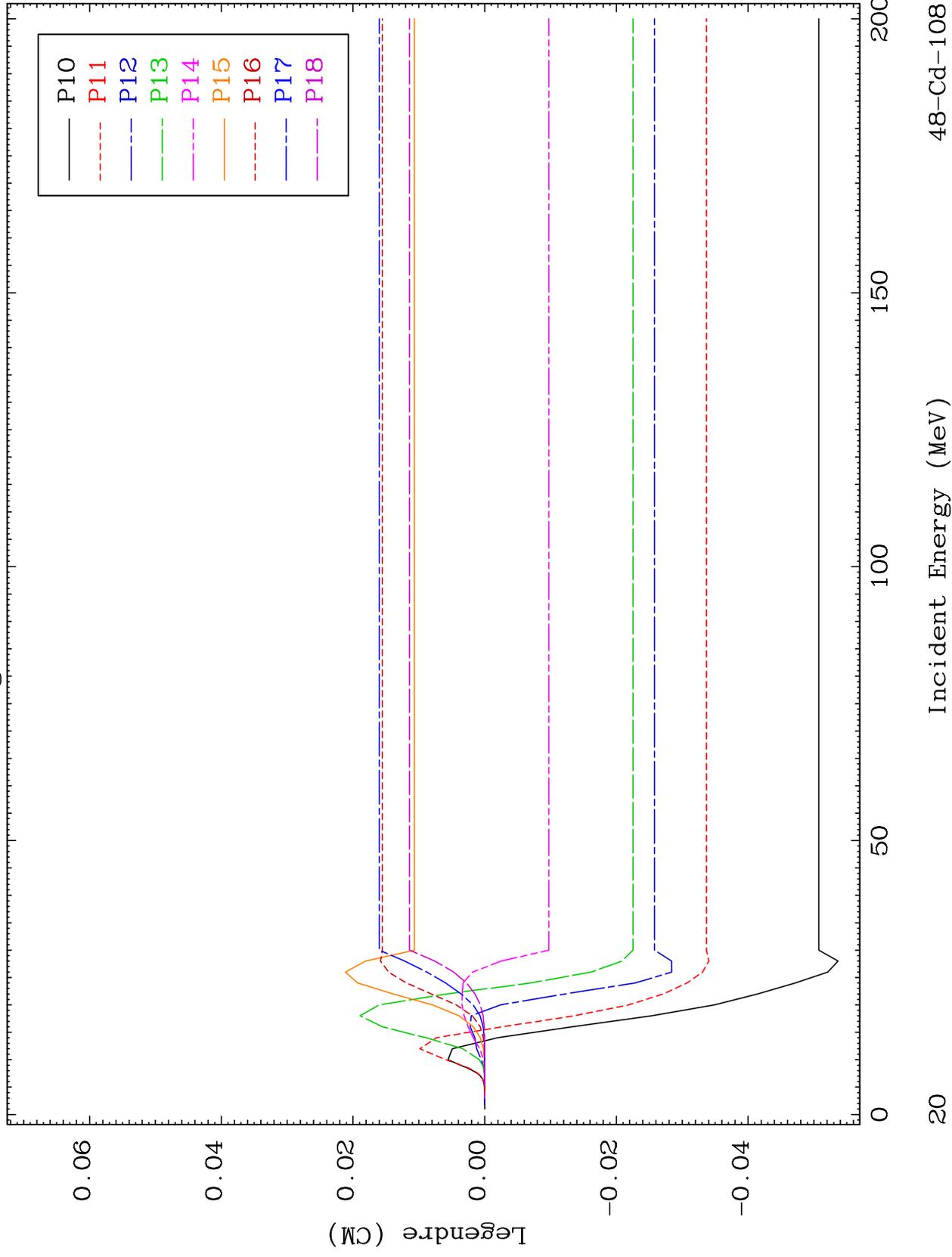
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48-Cd-108

MAT 4831

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

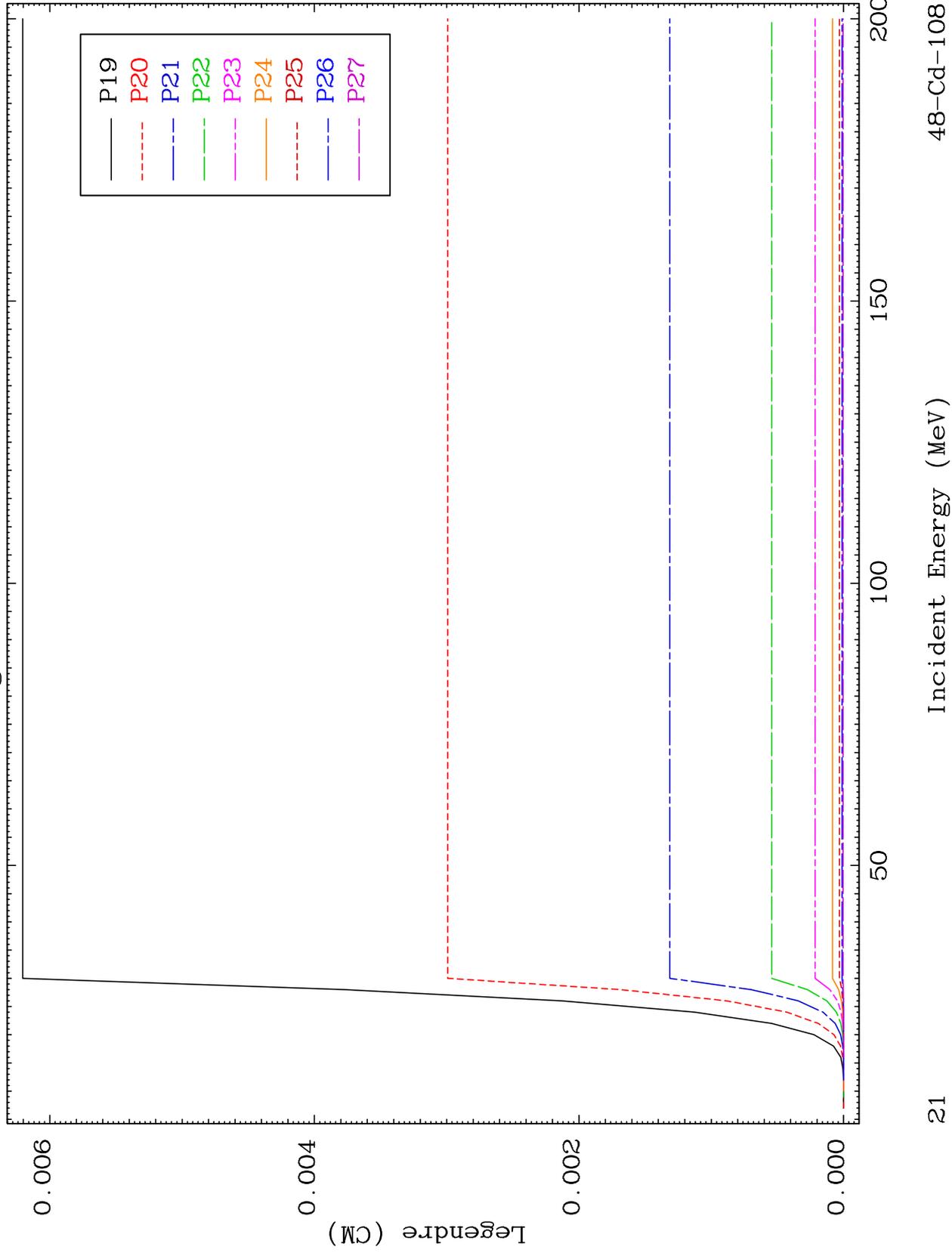
48-Cd-108



MAT 4831

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

48-Cd-108



21

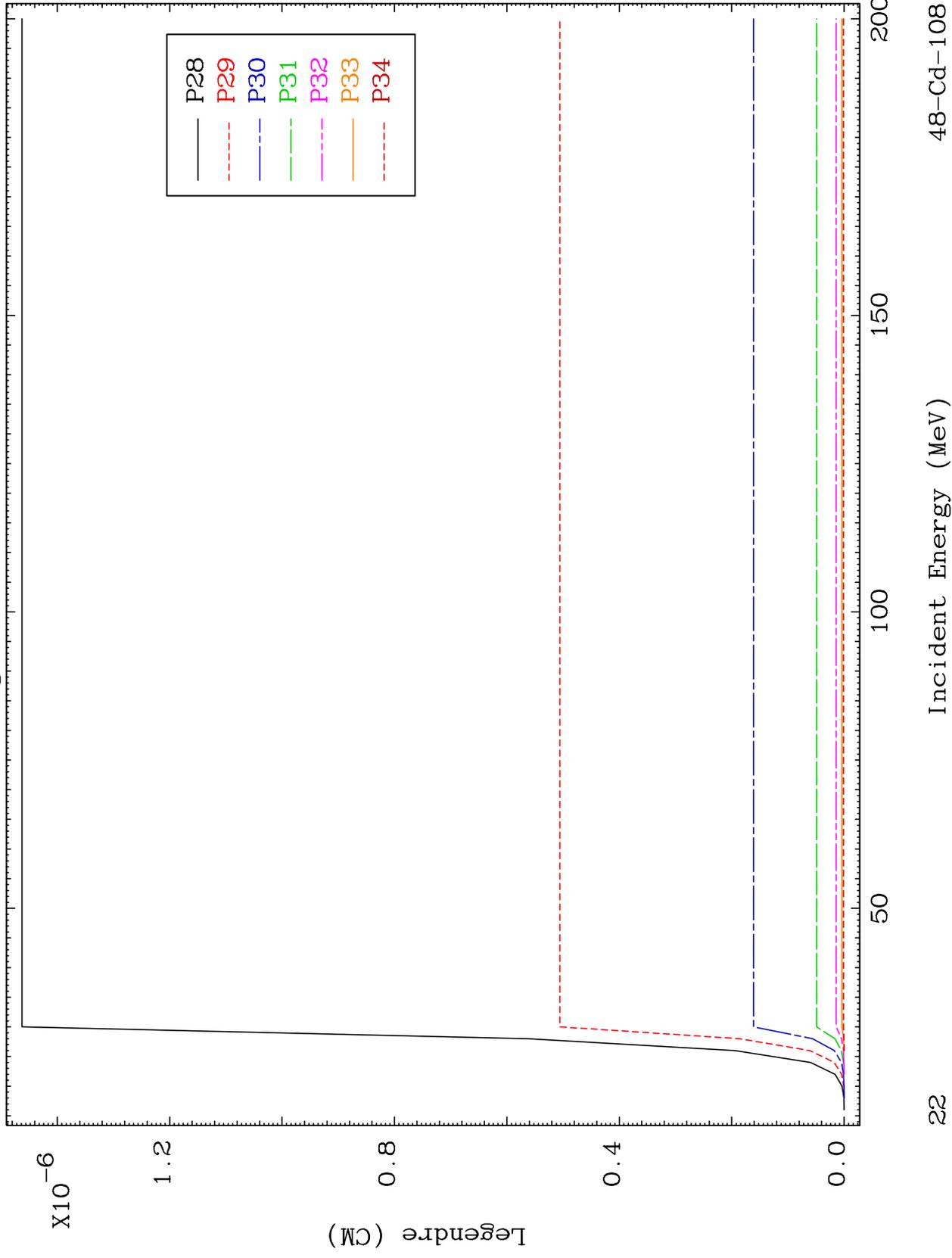
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108

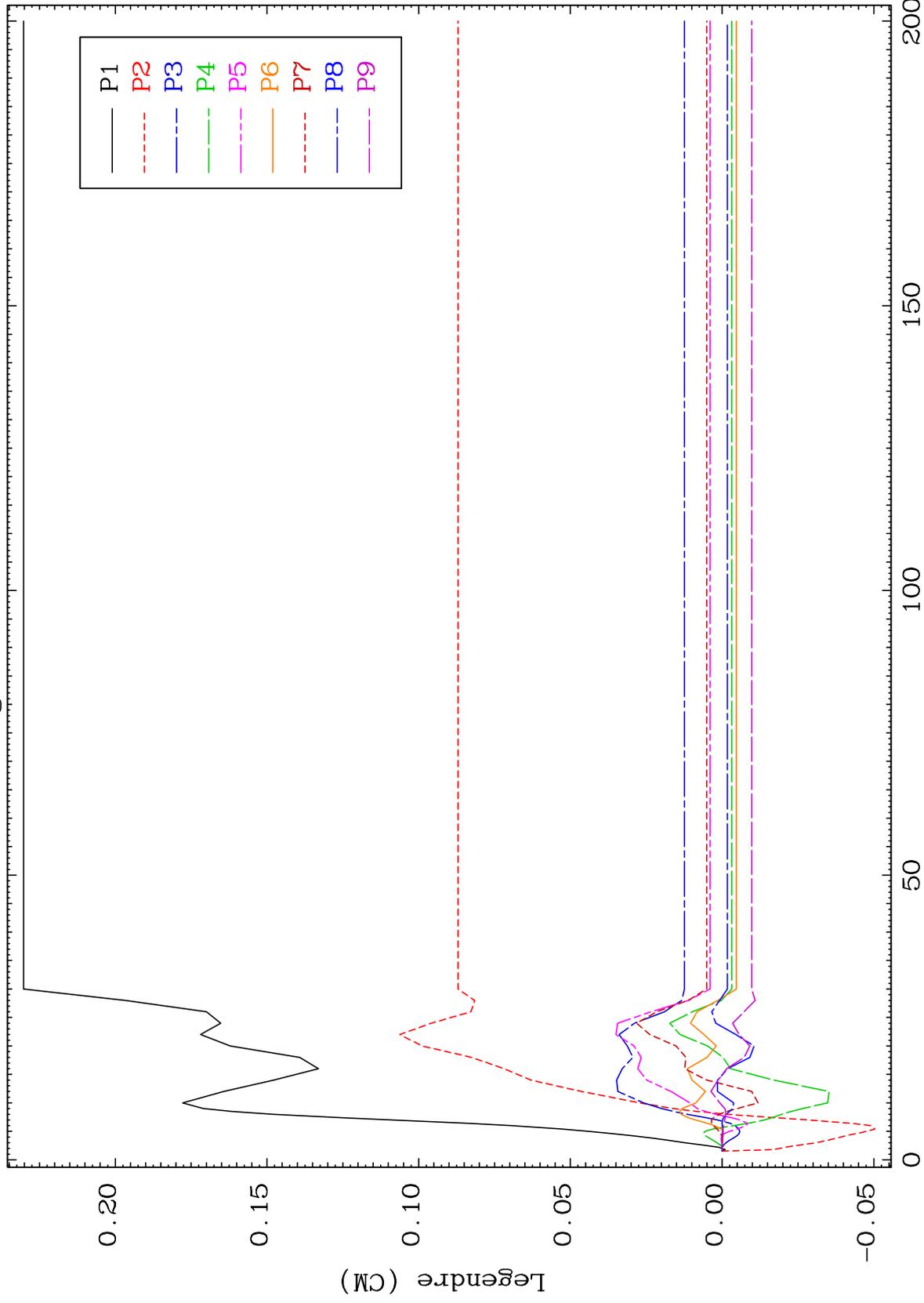


22

MAT 4831

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

48-Cd-108



23

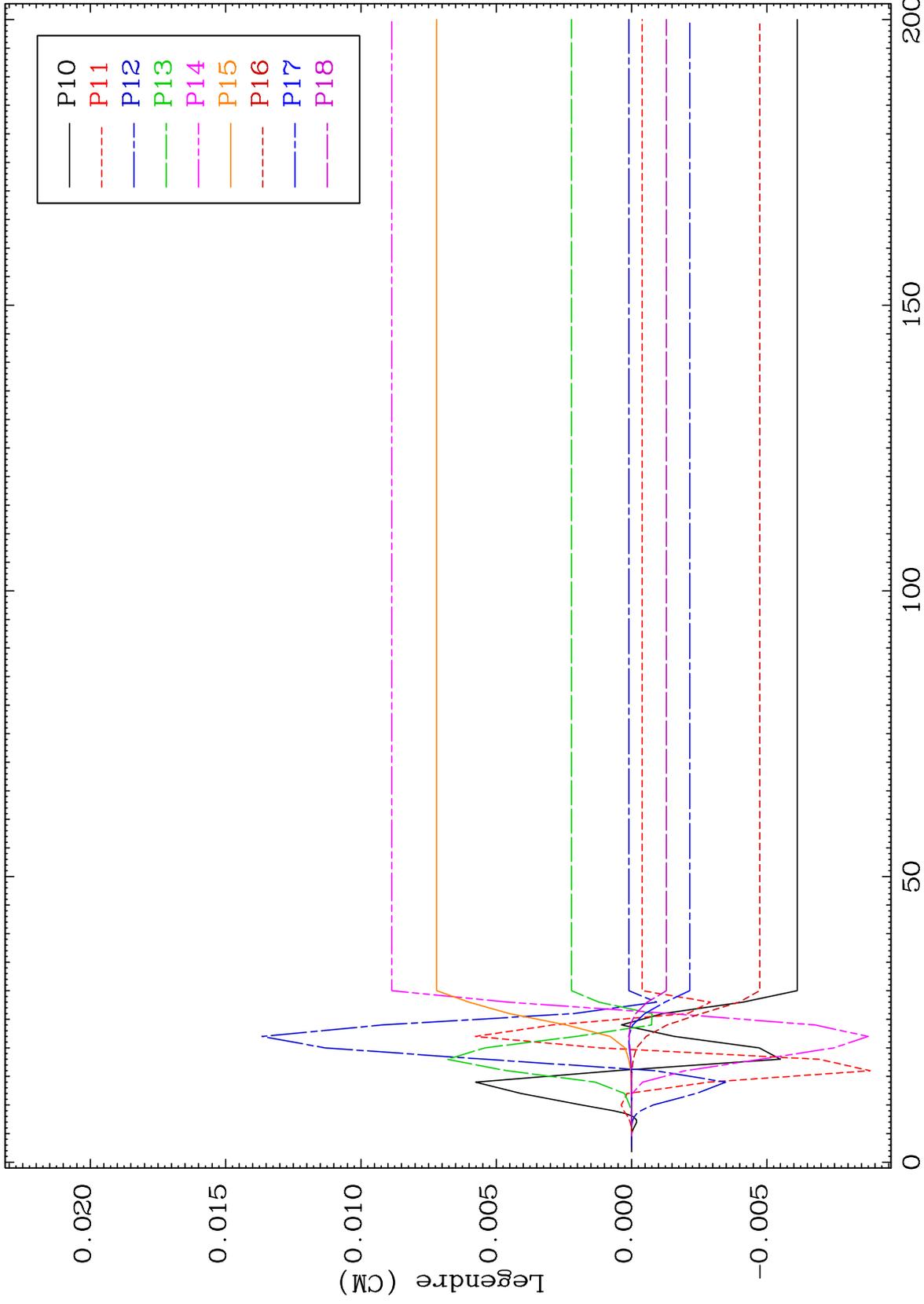
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



24

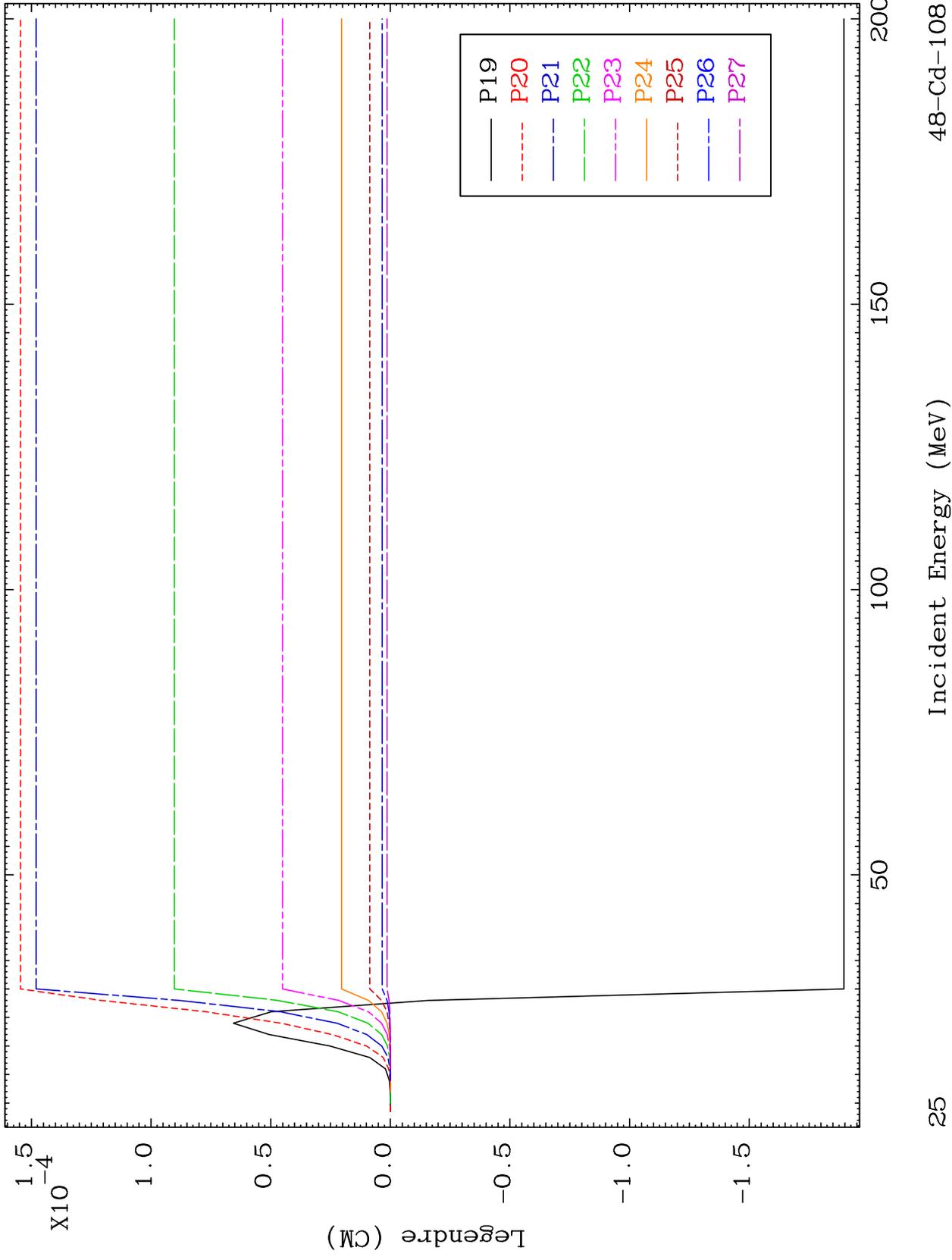
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

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



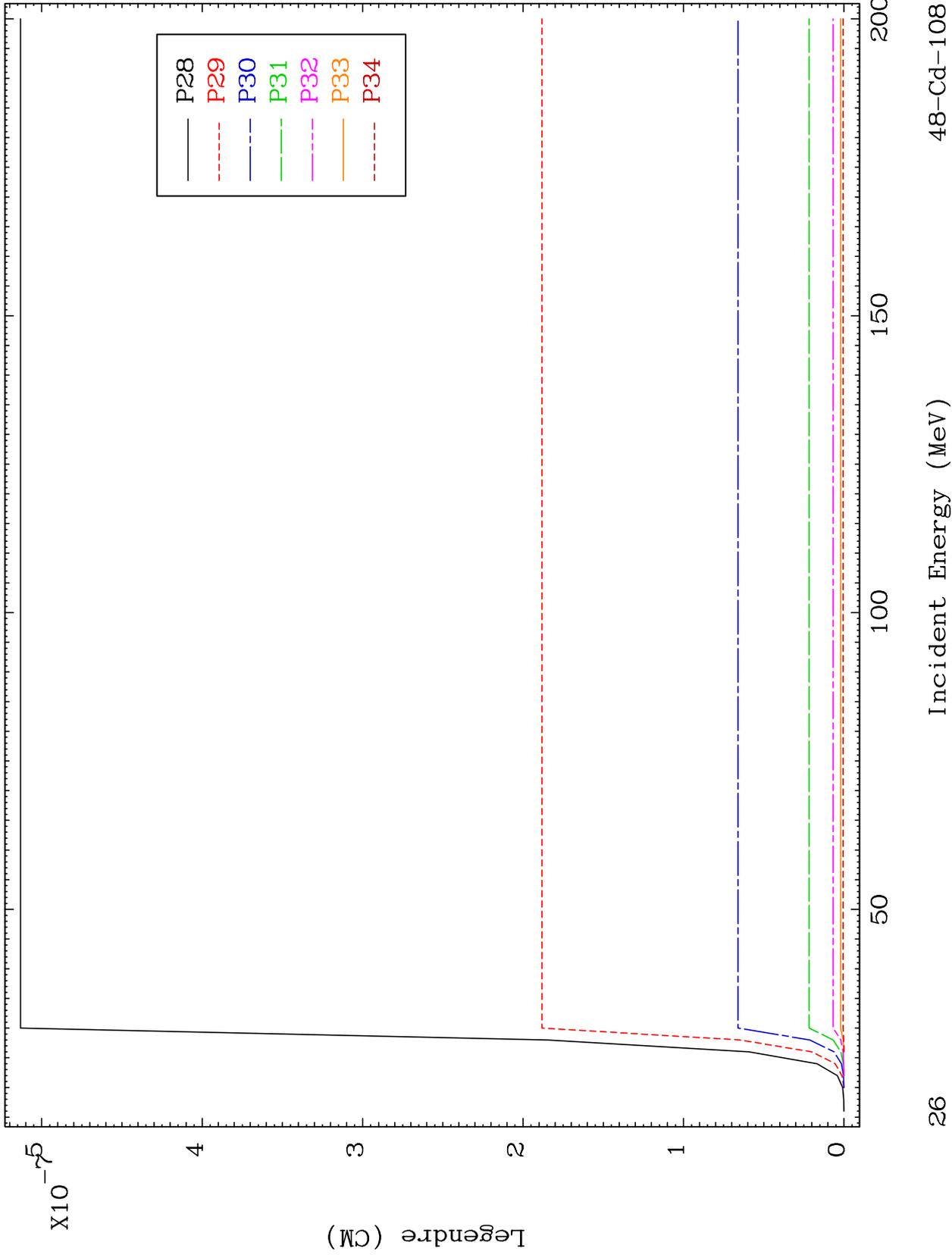
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48-Cd-108

MAT 4831

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

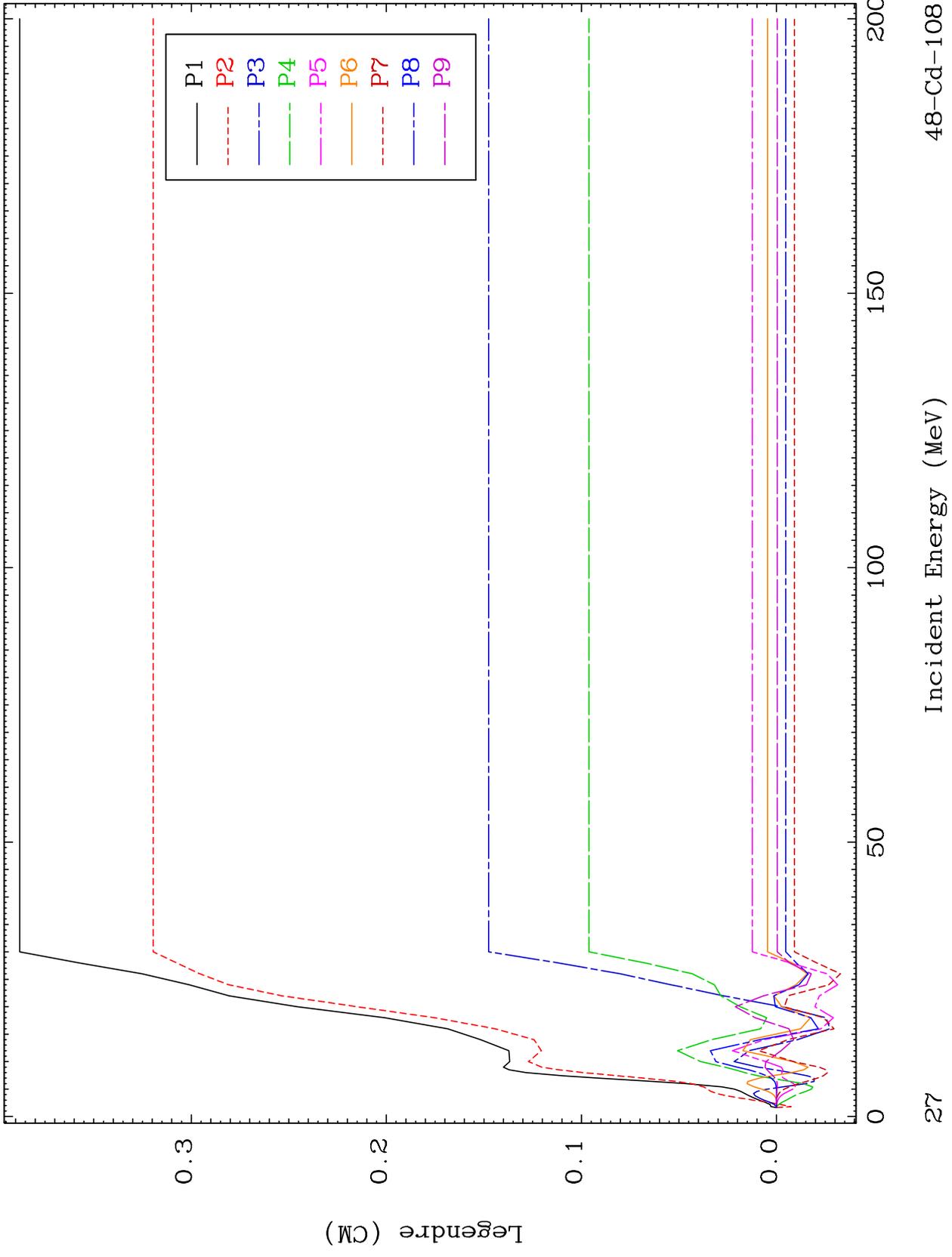
48-Cd-108



MAT 4831

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

48-Cd-108

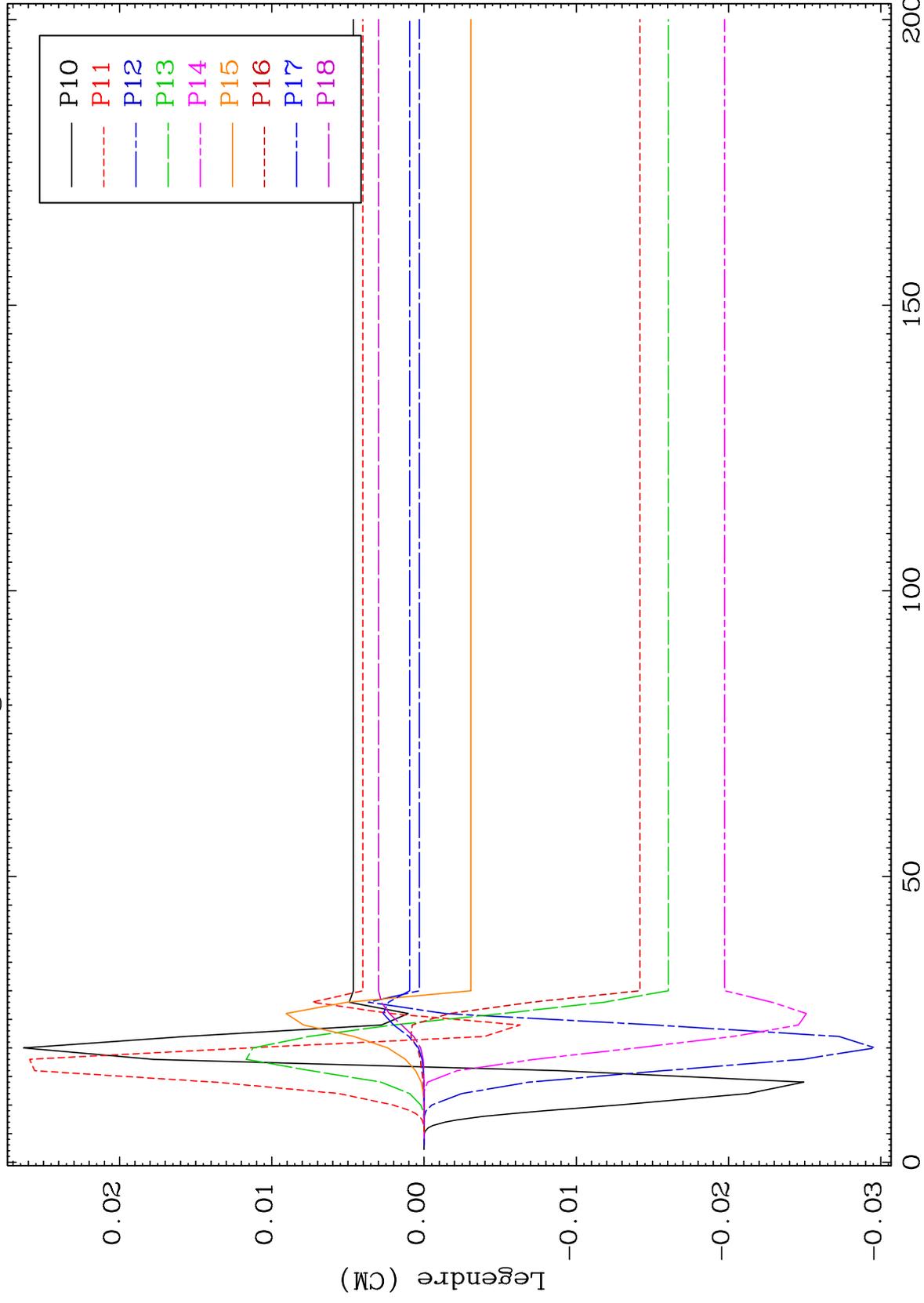


27

MAT 4831

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

48-Cd-108



28

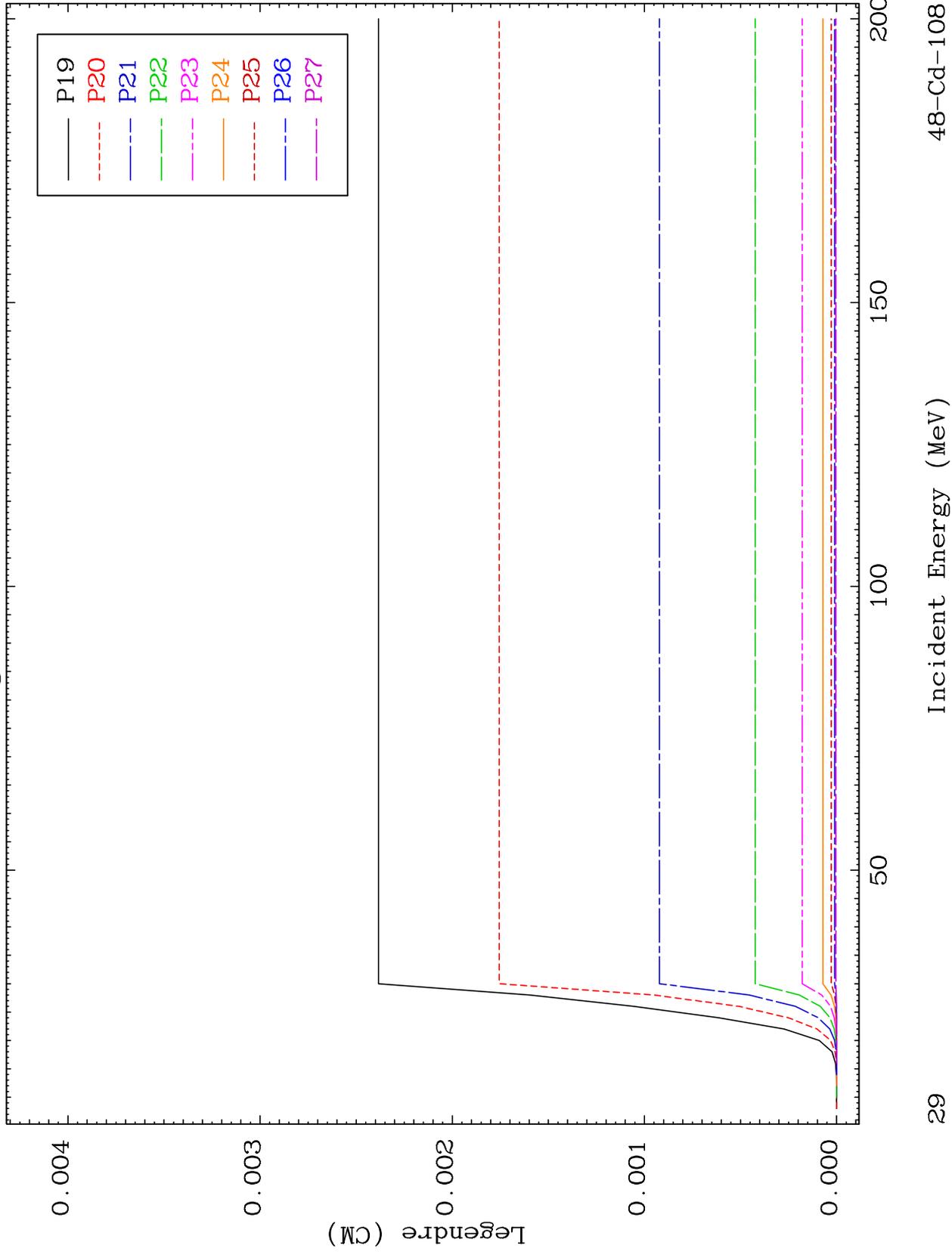
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



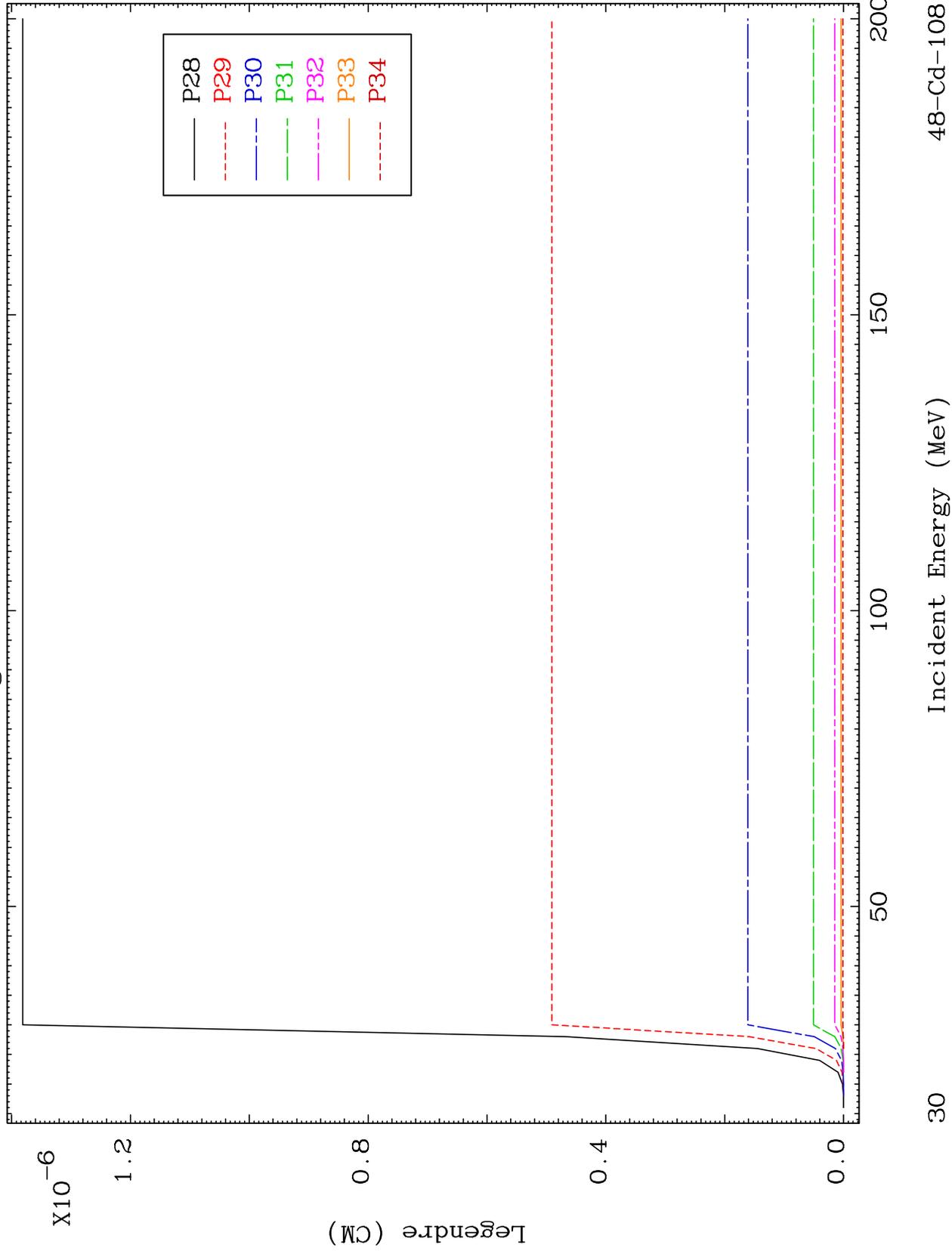
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48-Cd-108

MAT 4831

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

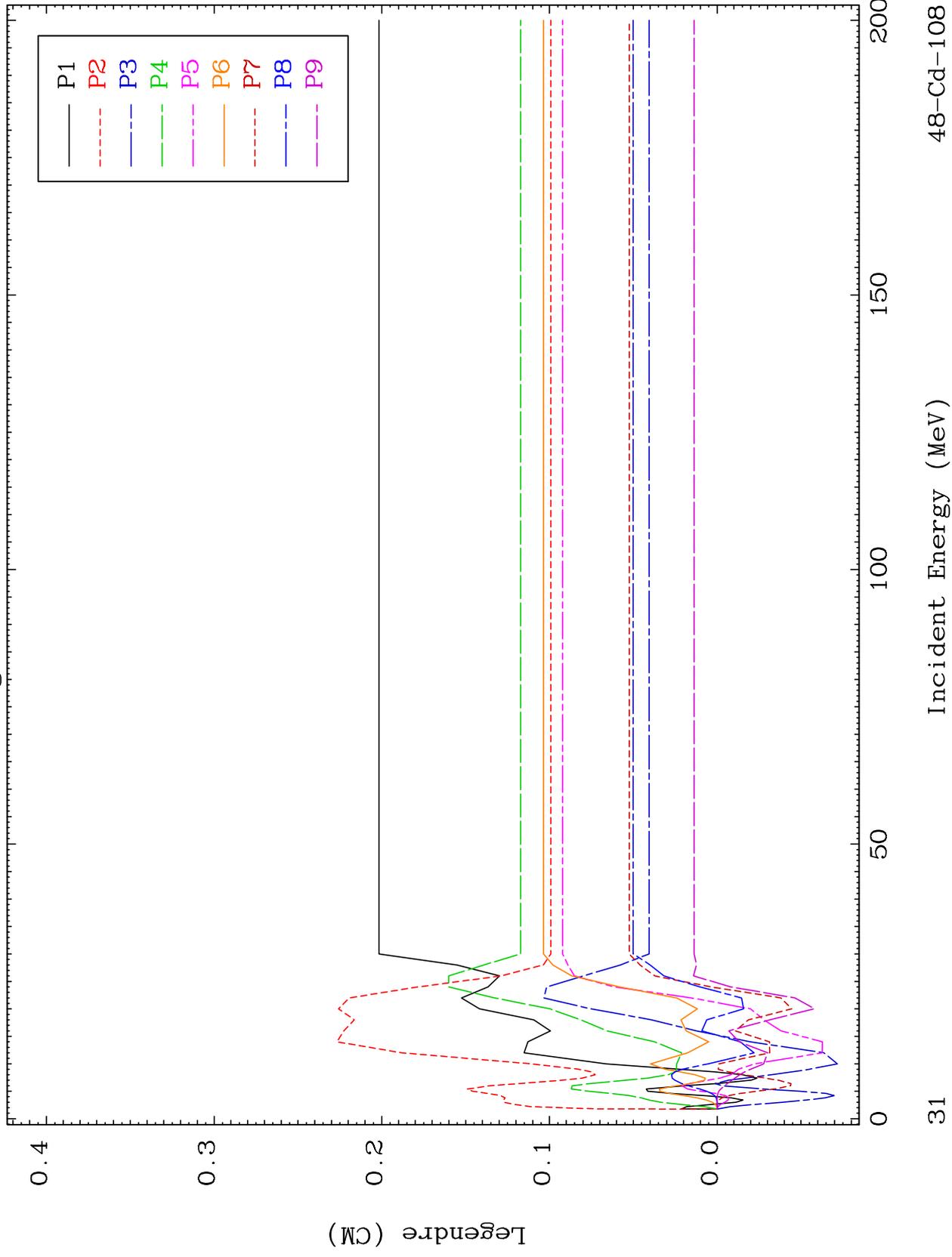
48-Cd-108



MAT 4831

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

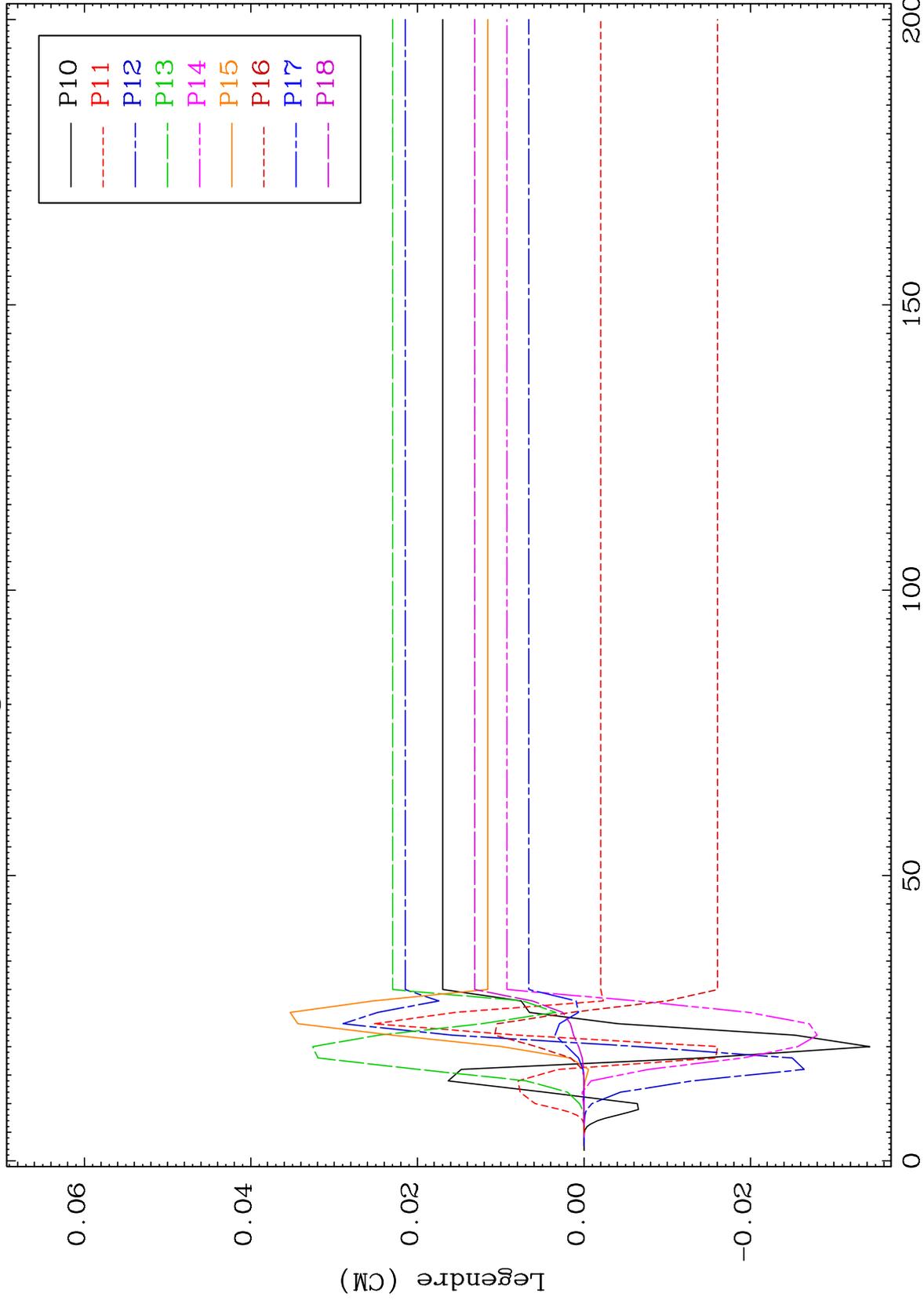
48-Cd-108



MAT 4831

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

48-Cd-108



32

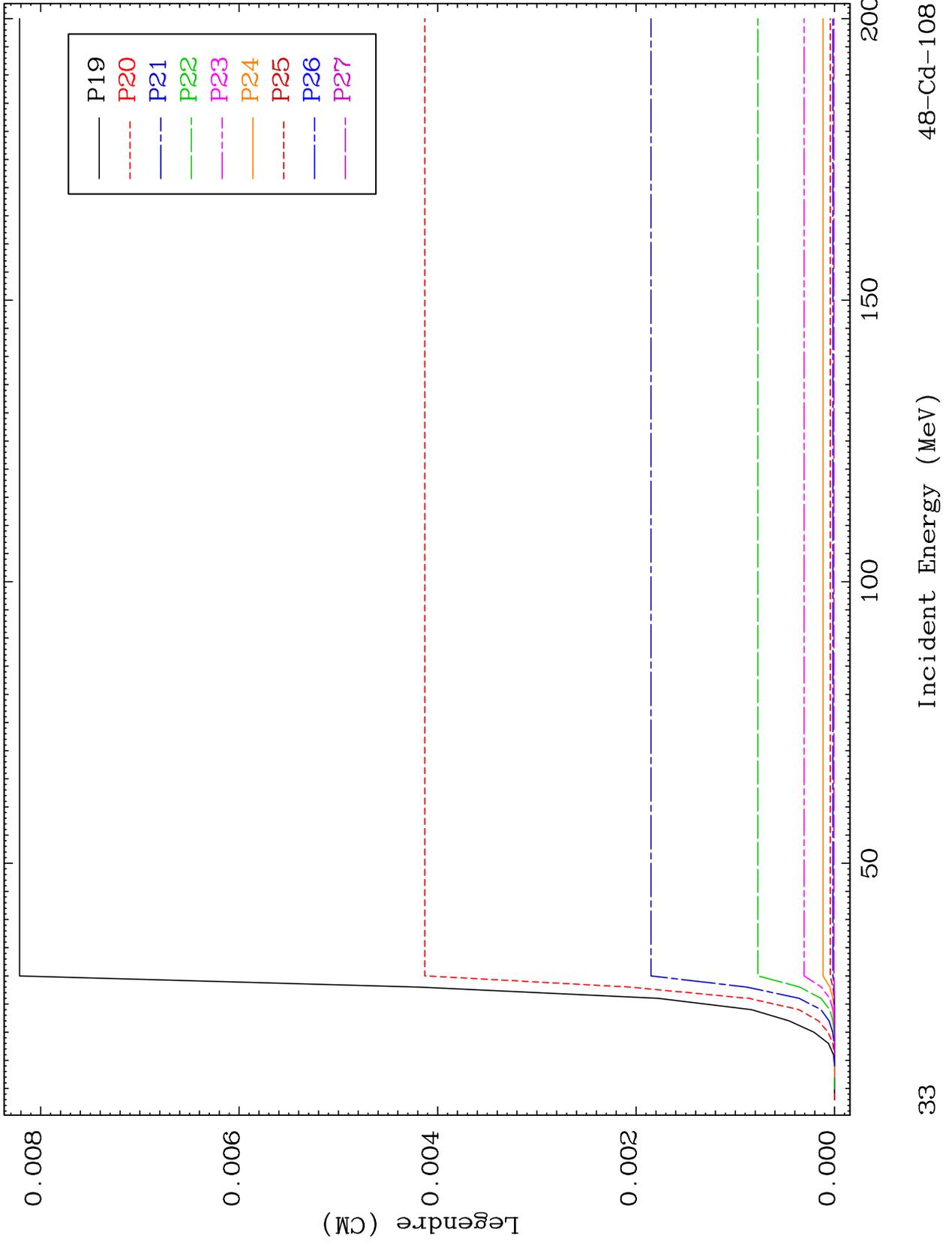
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

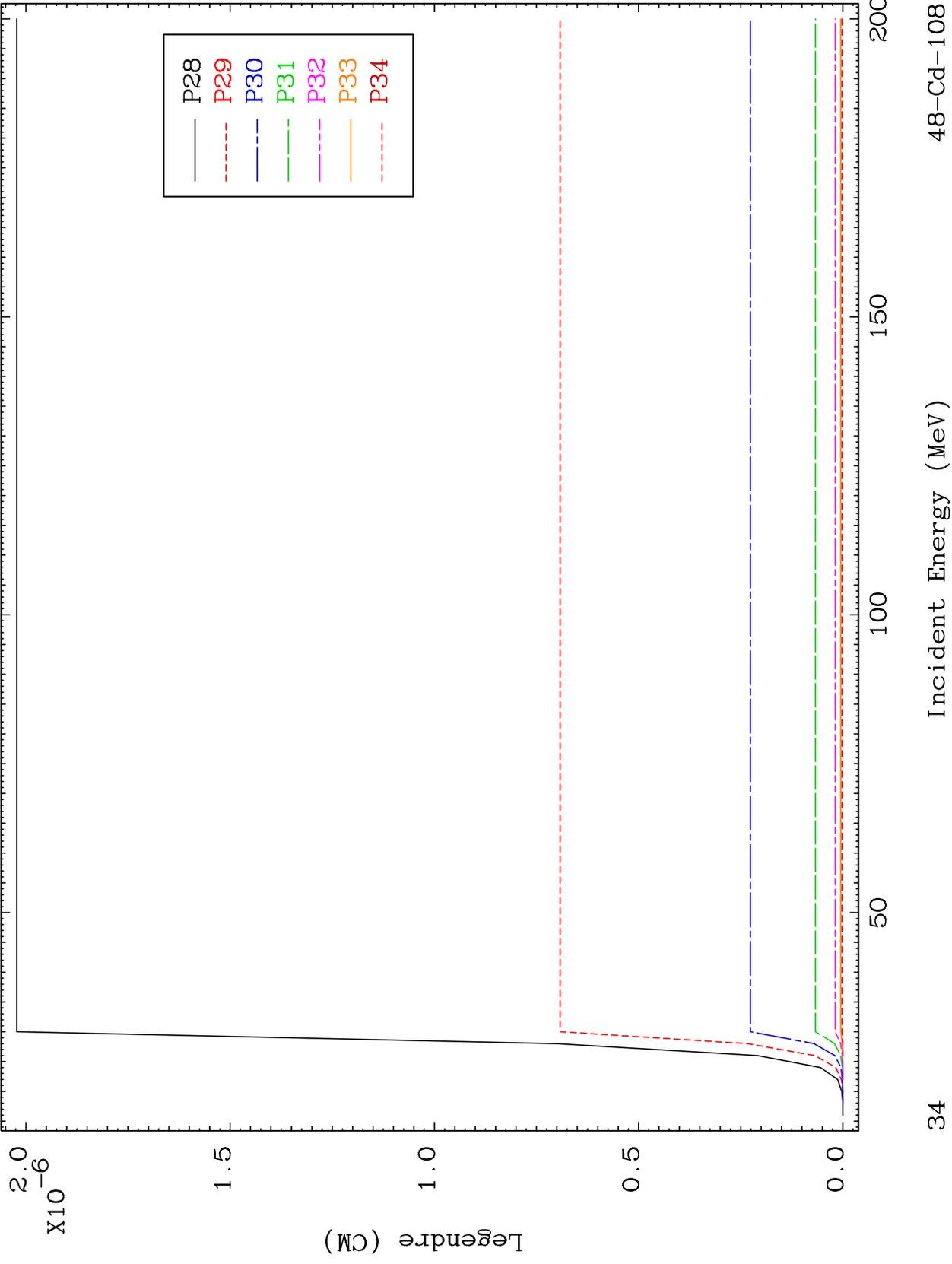
48-Cd-108

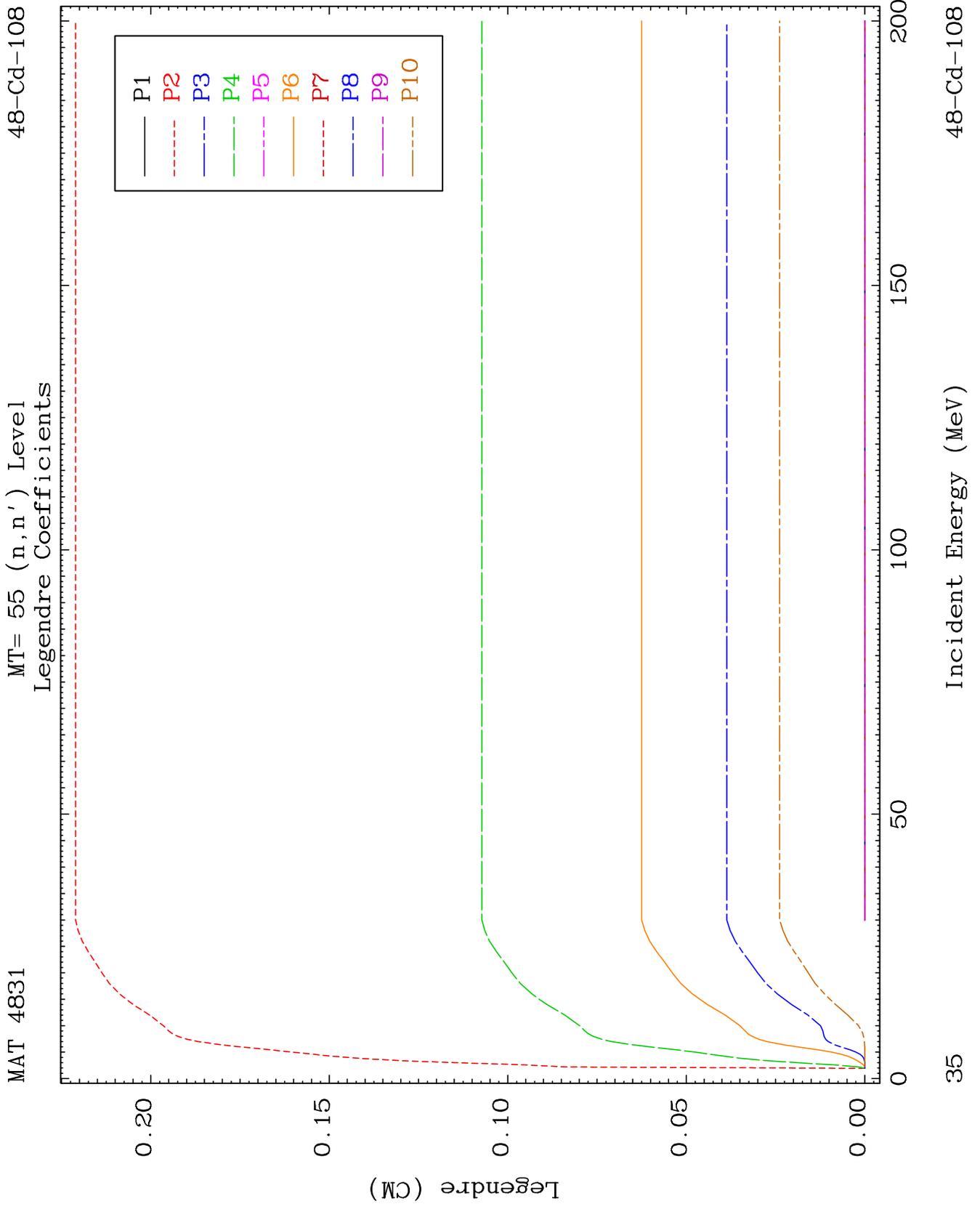


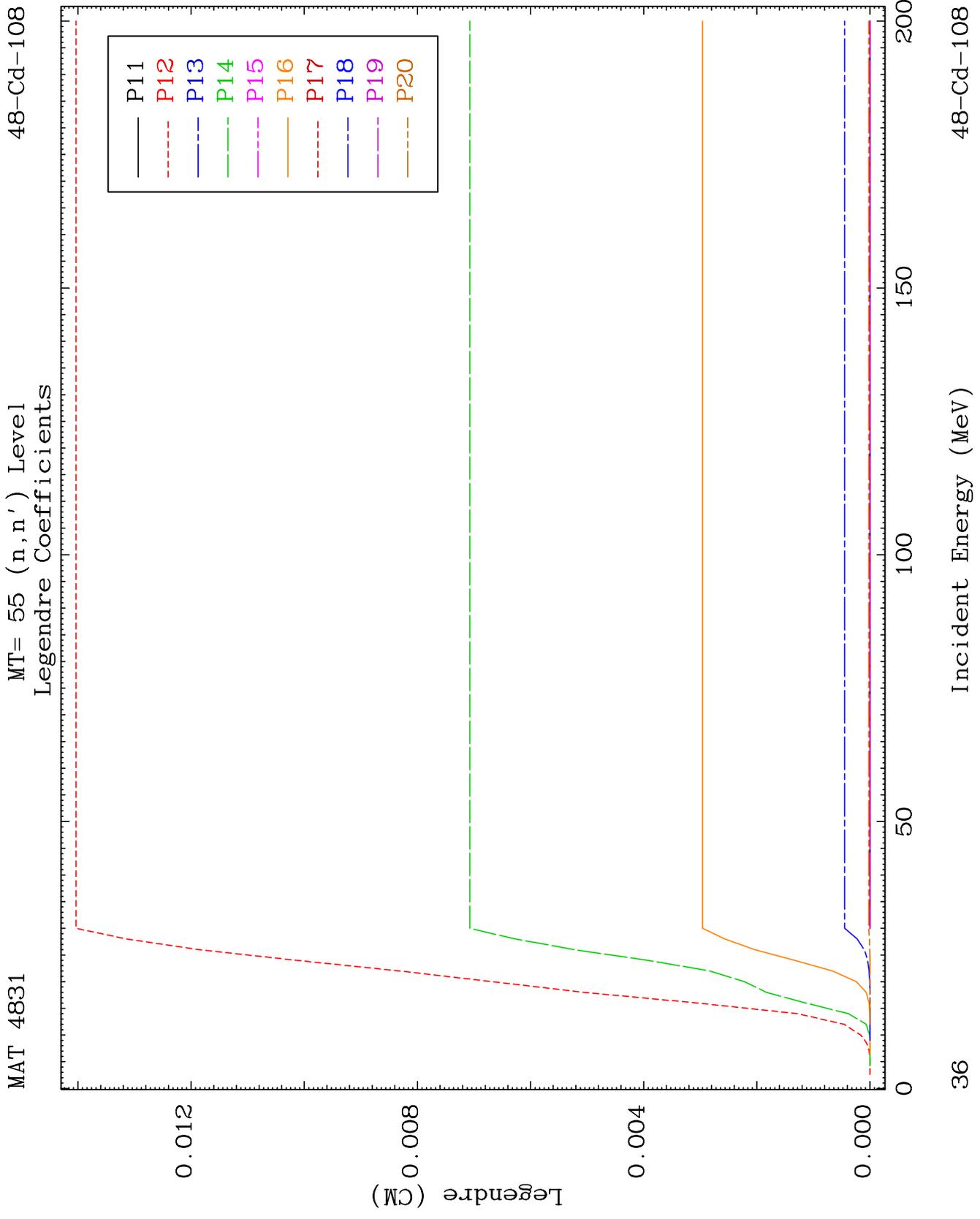
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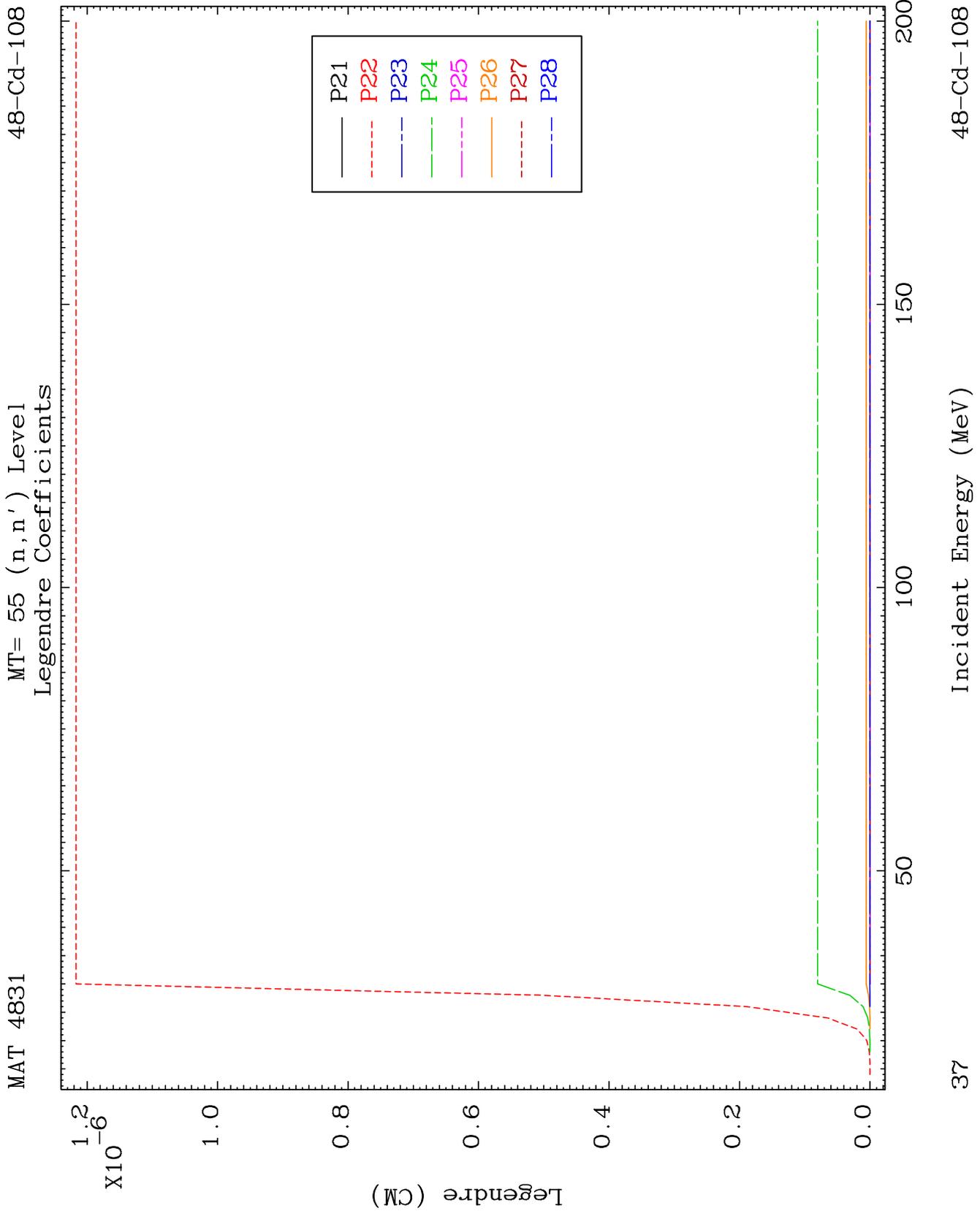
MT= 54 (n,n') Level
Legendre Coefficients

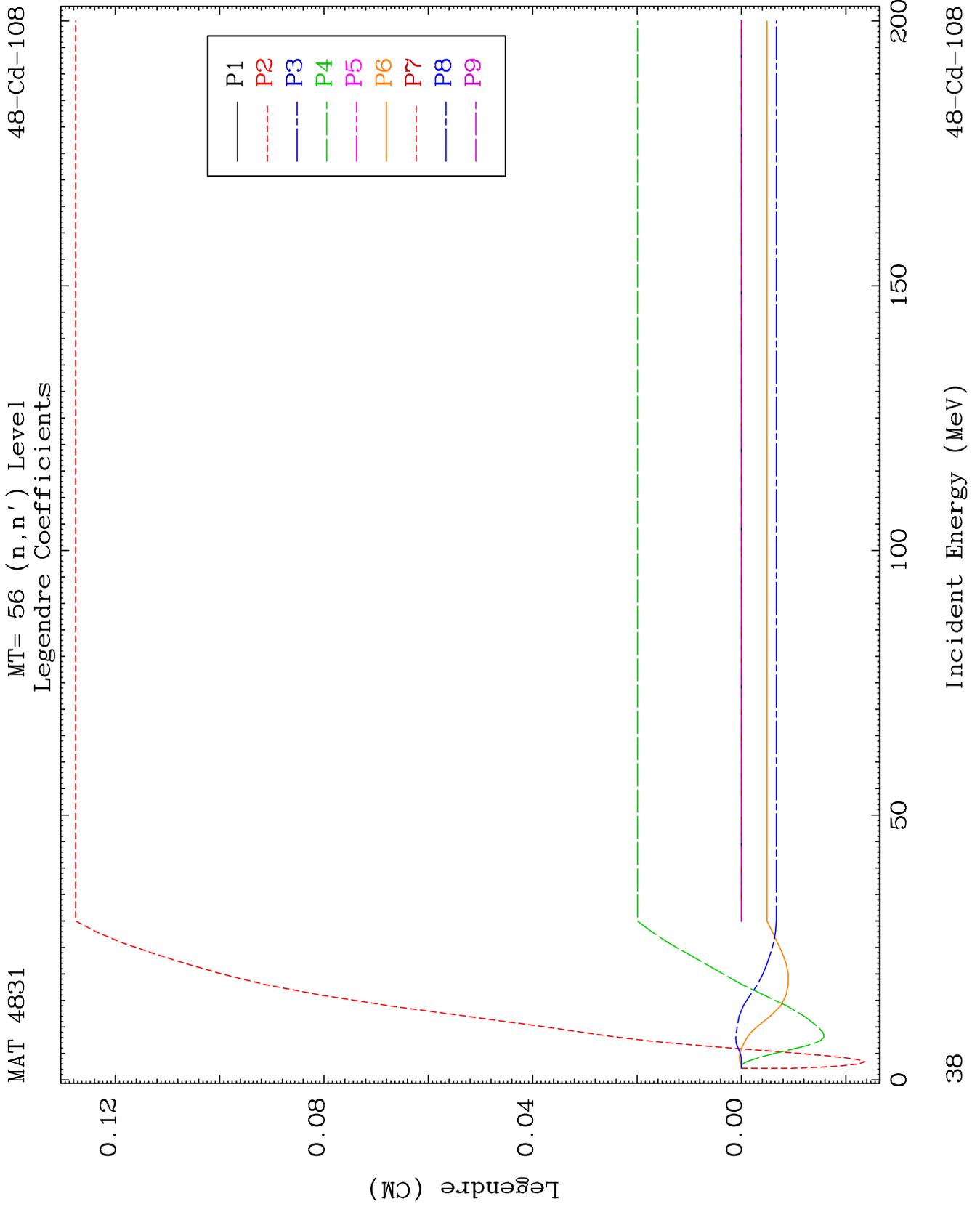
48-Cd-108







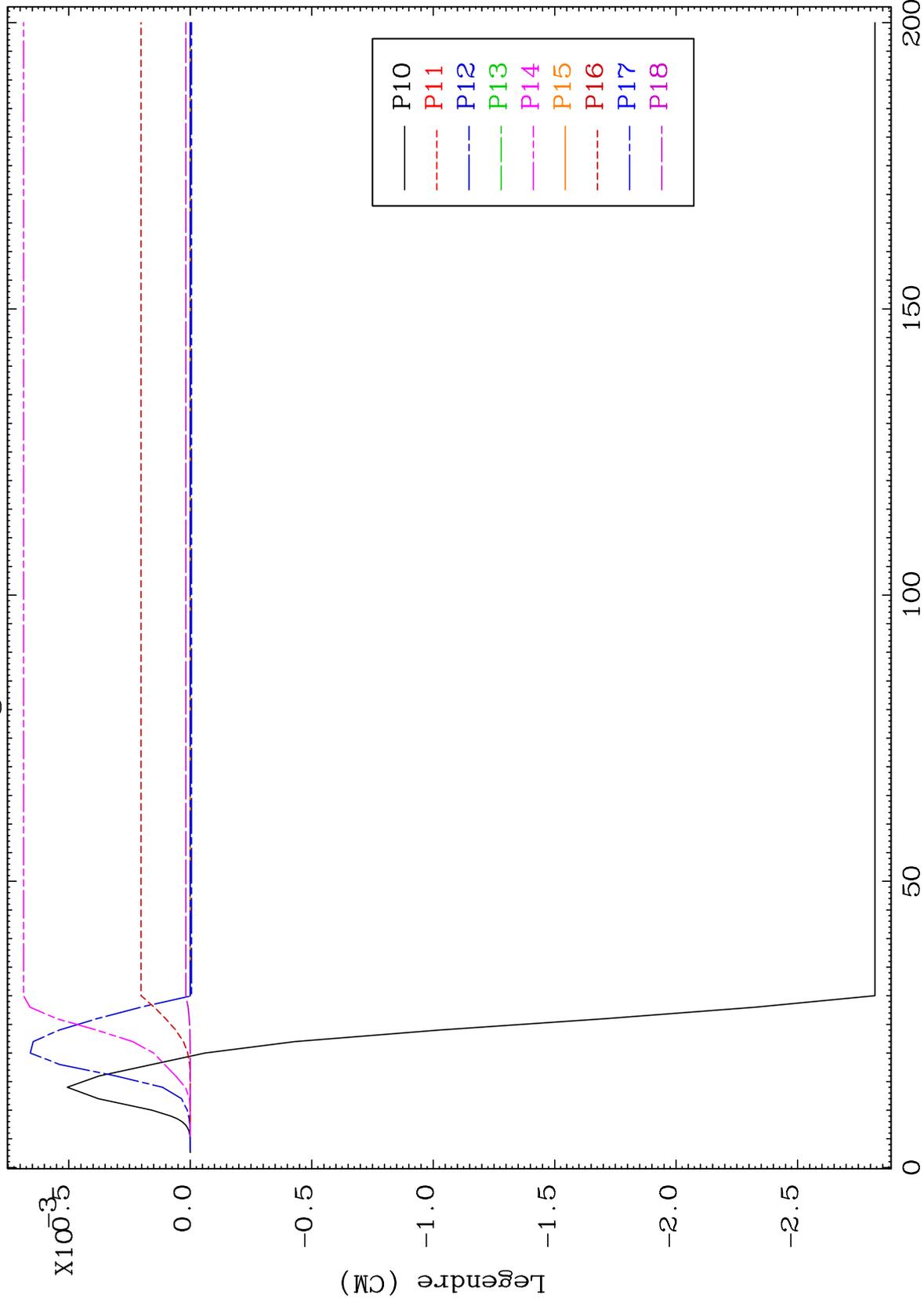




MAT 4831

MT= 56 (n,n') Level
Legendre Coefficients

48-Cd-108



39

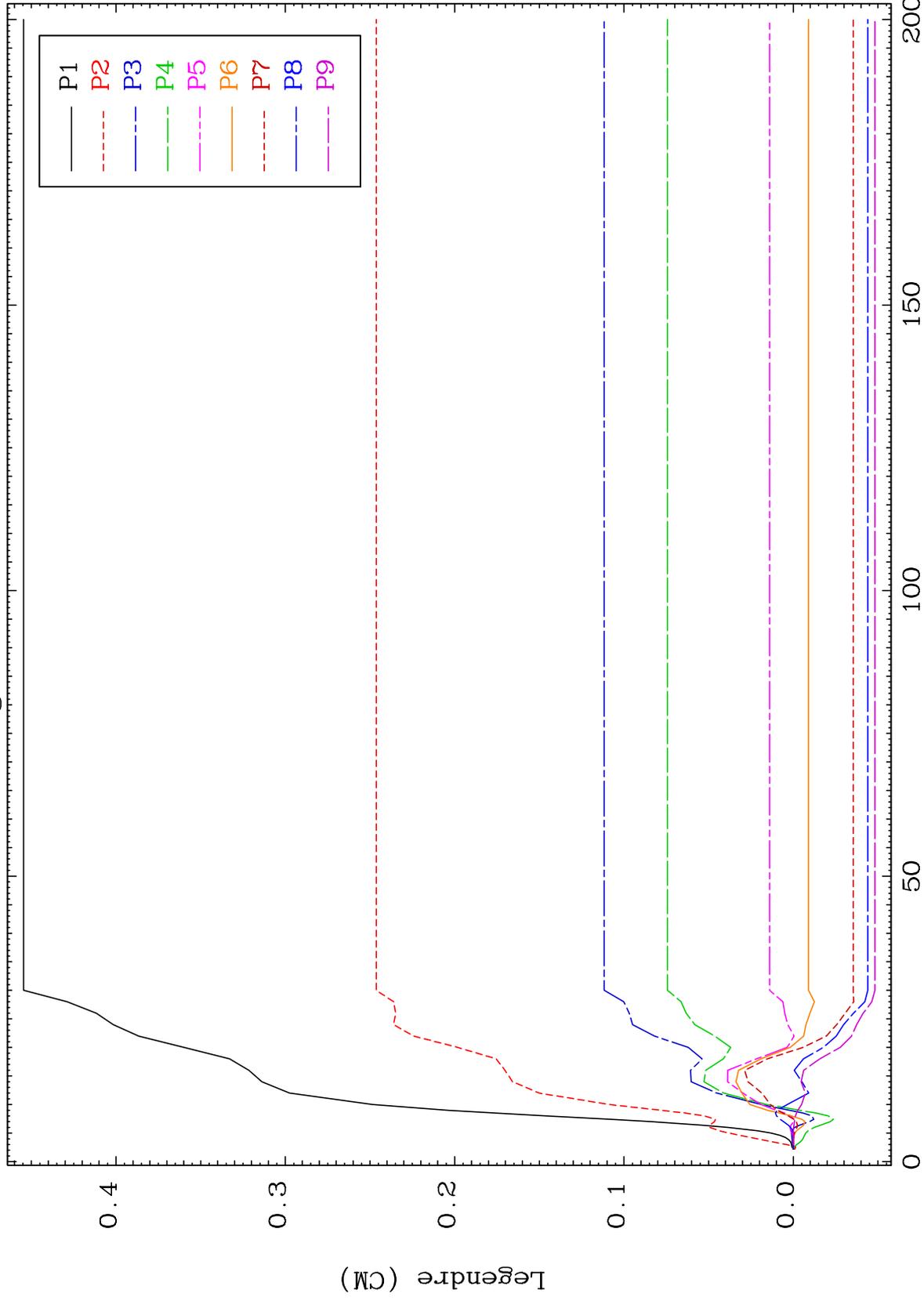
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



41

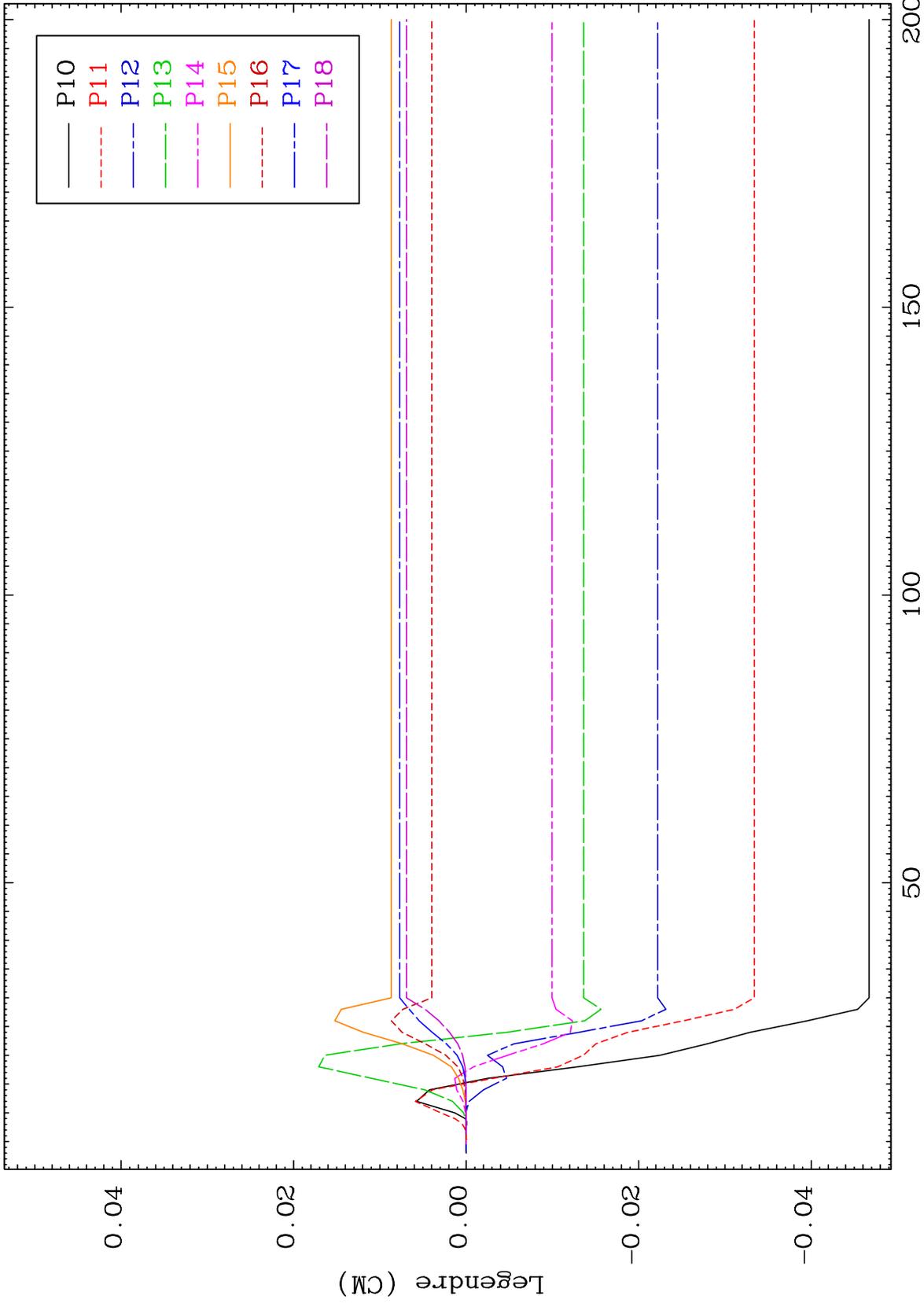
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



42

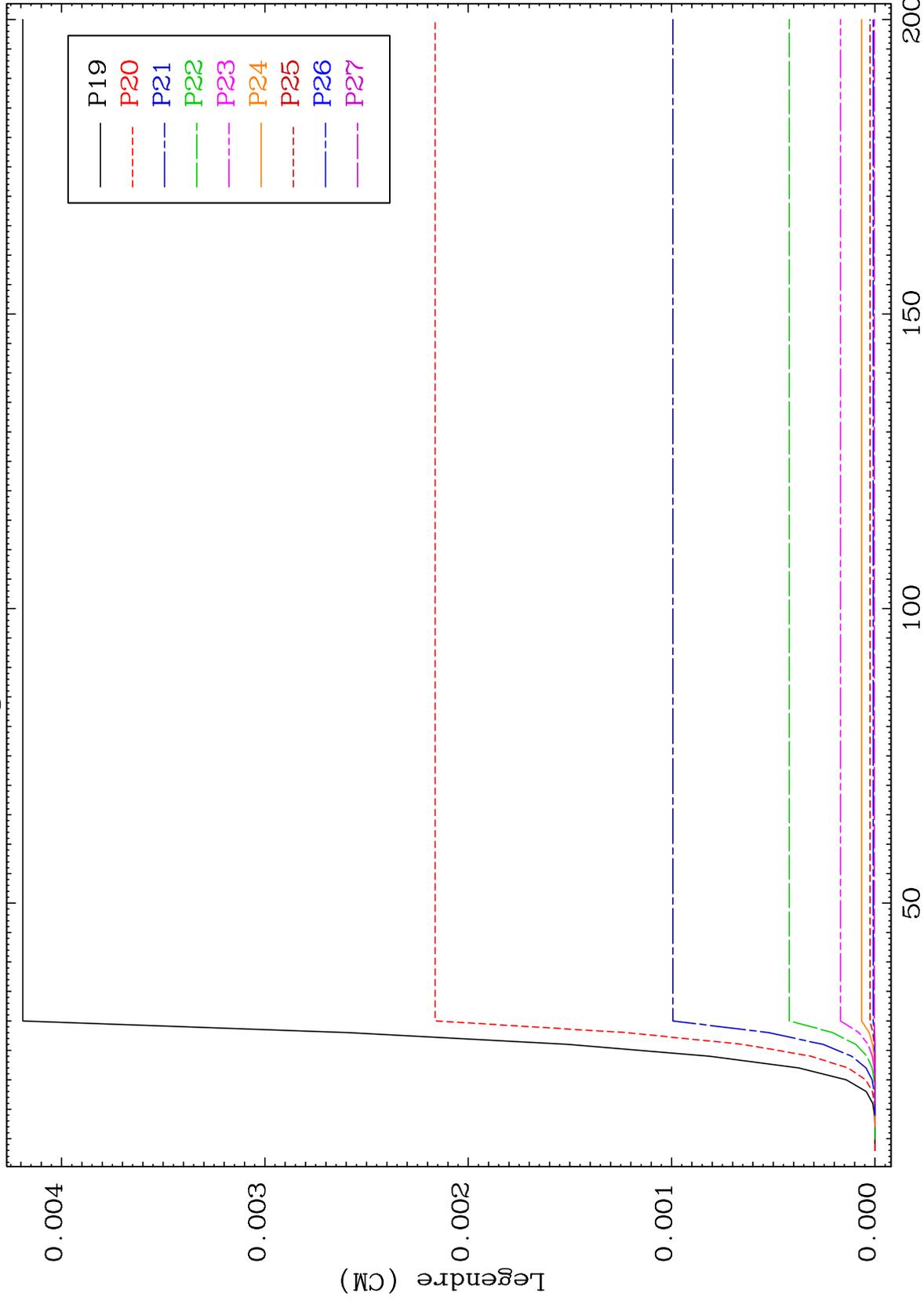
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



43

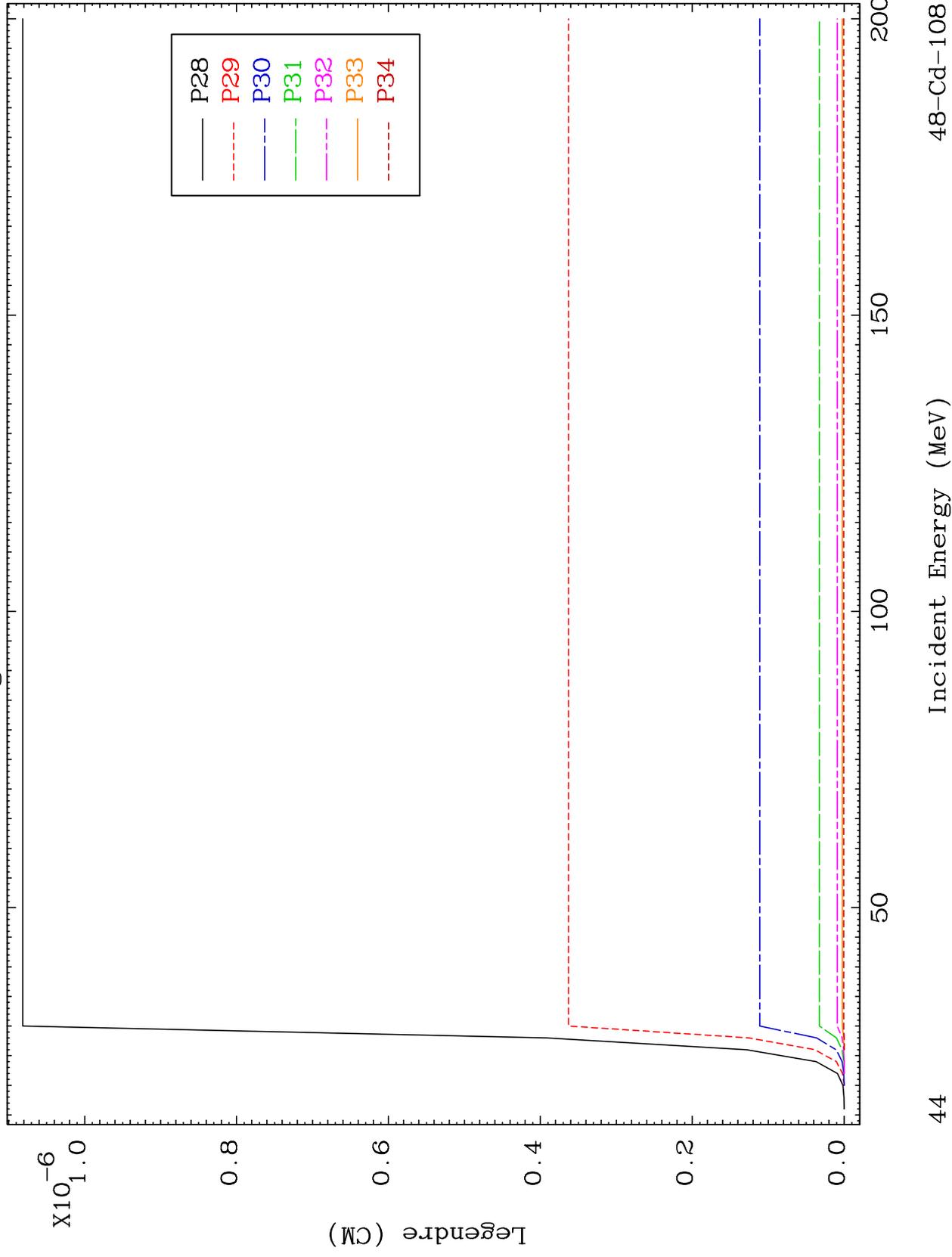
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



44

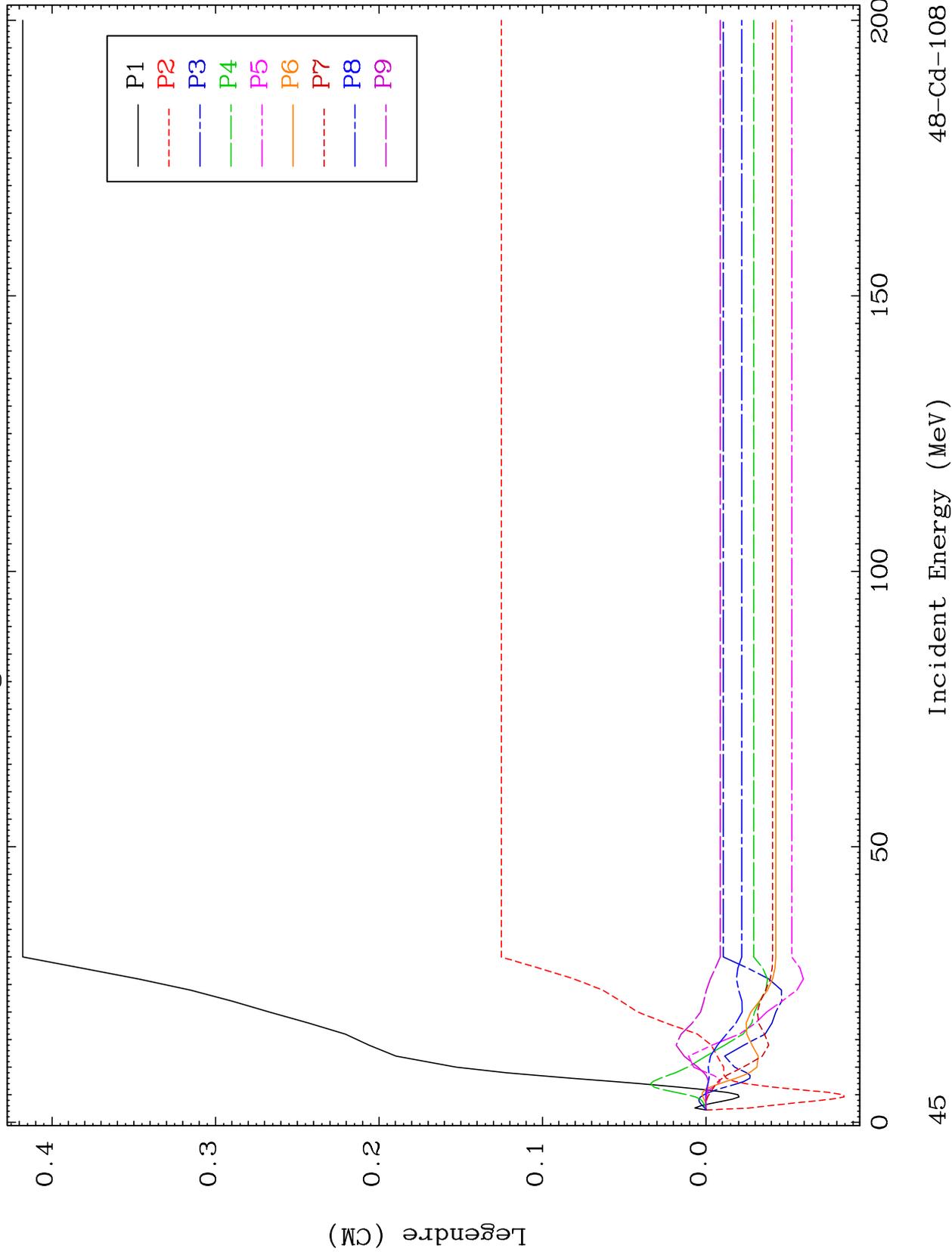
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



48-Cd-108

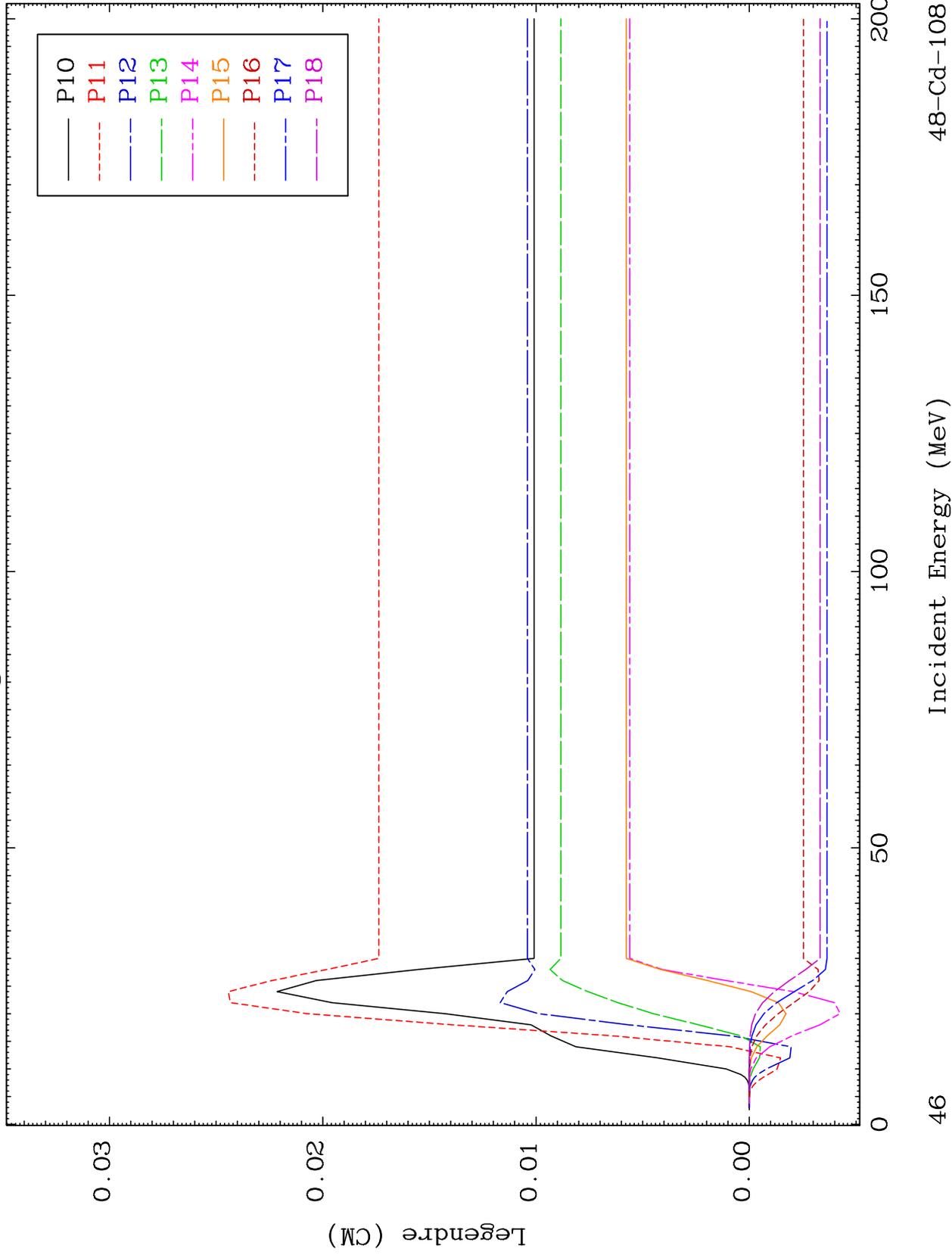
Incident Energy (MeV)

45

MAT 4831

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

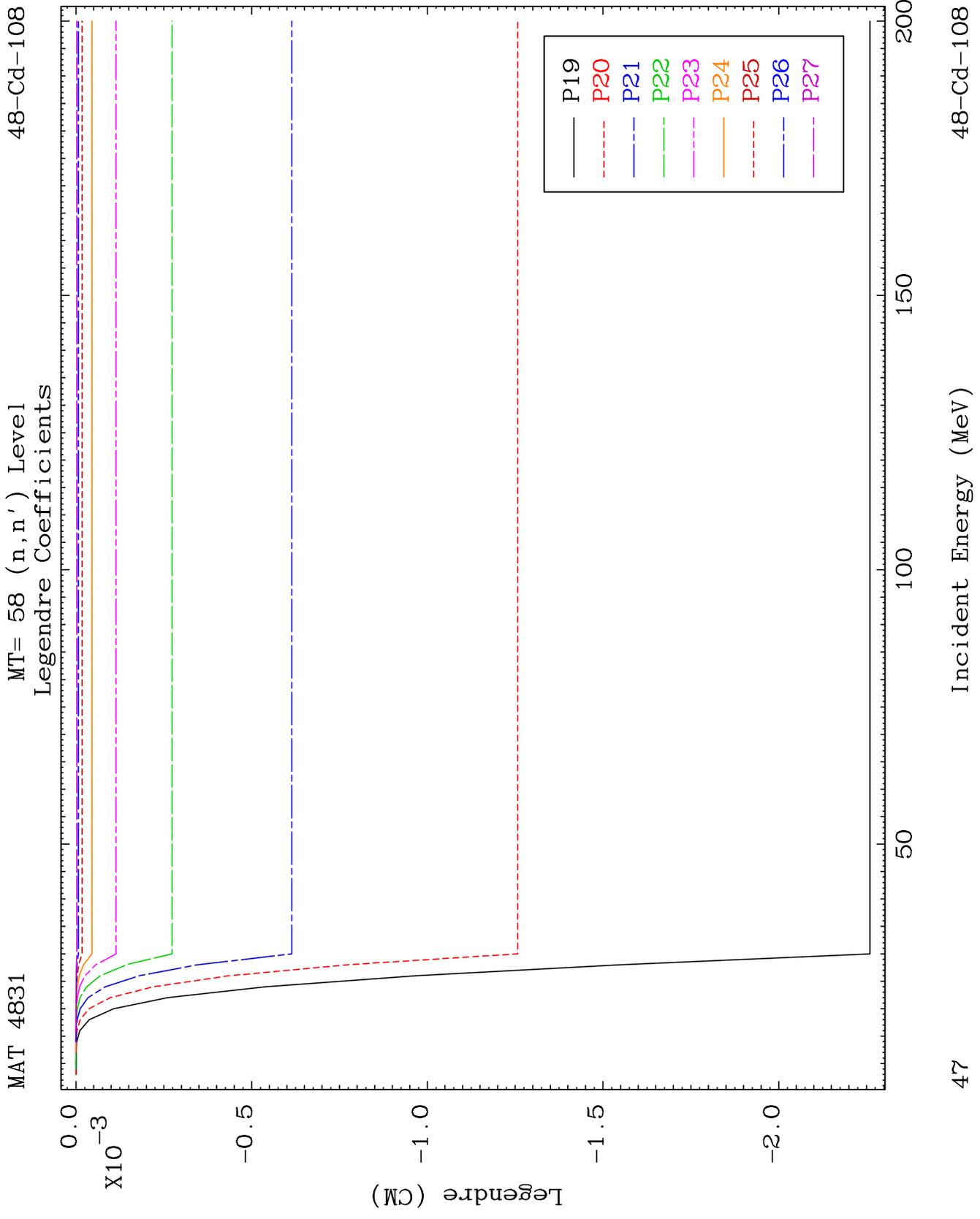
48-Cd-108

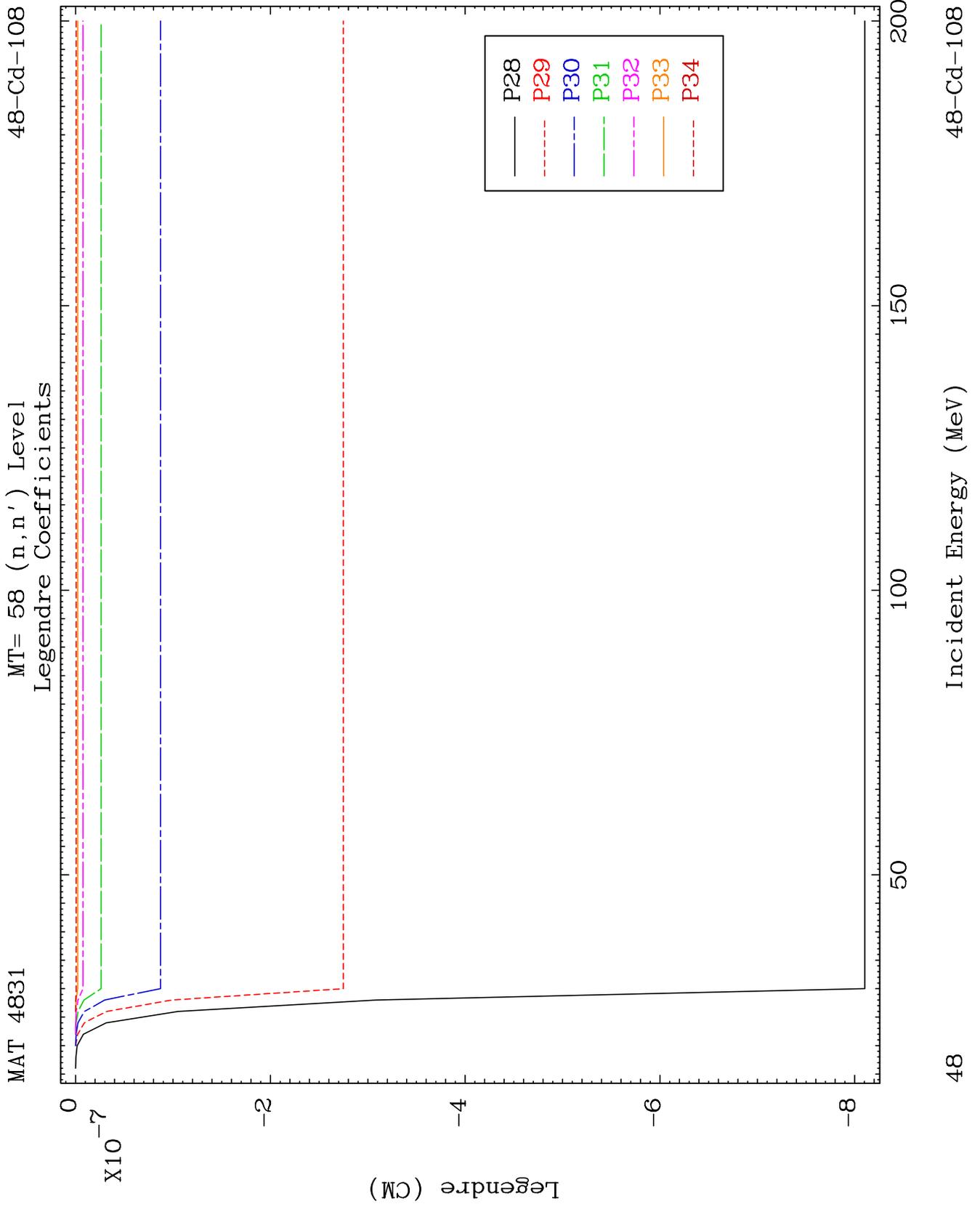


46

Incident Energy (MeV)

48-Cd-108

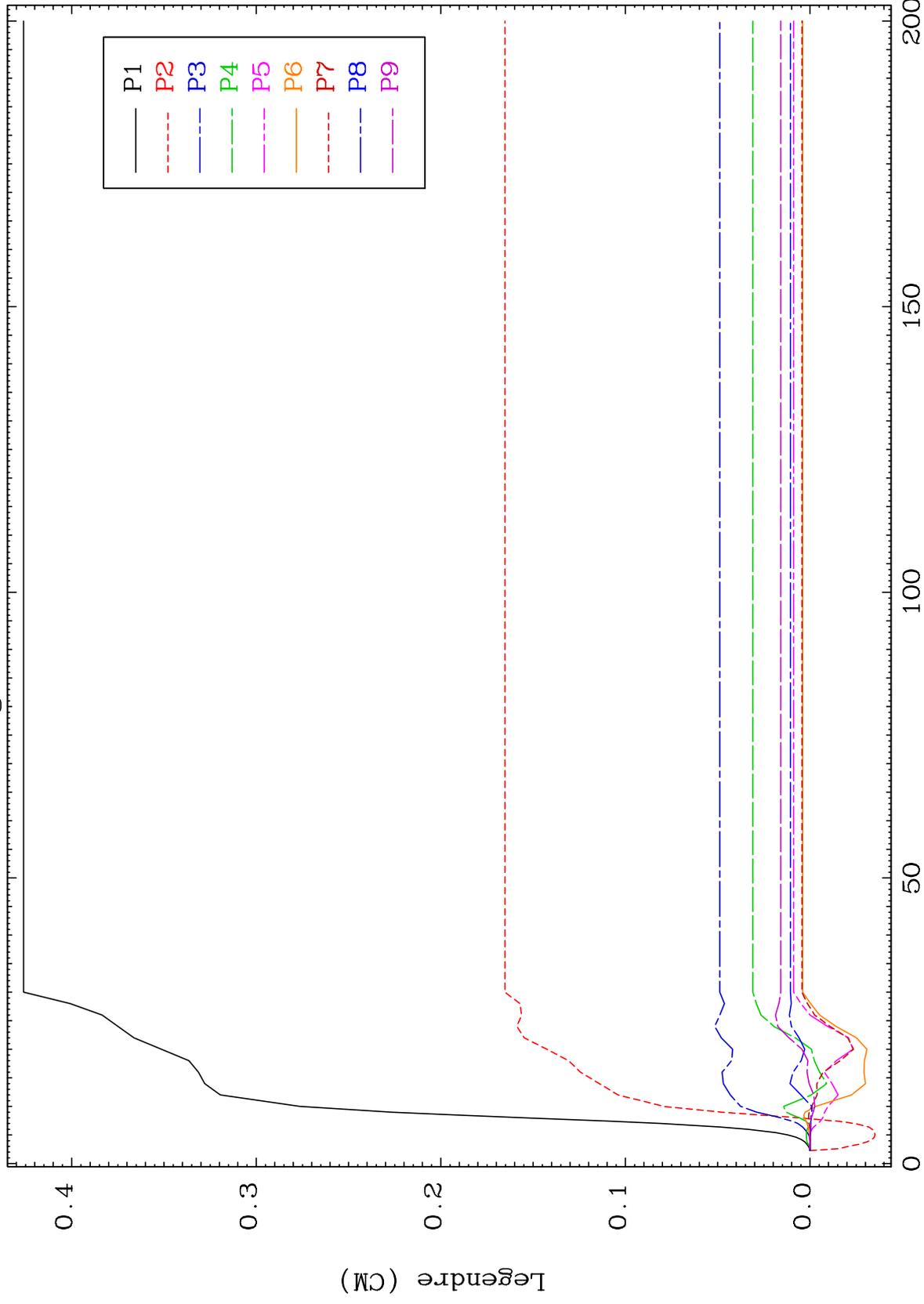




MAT 4831

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

48-Cd-108



49

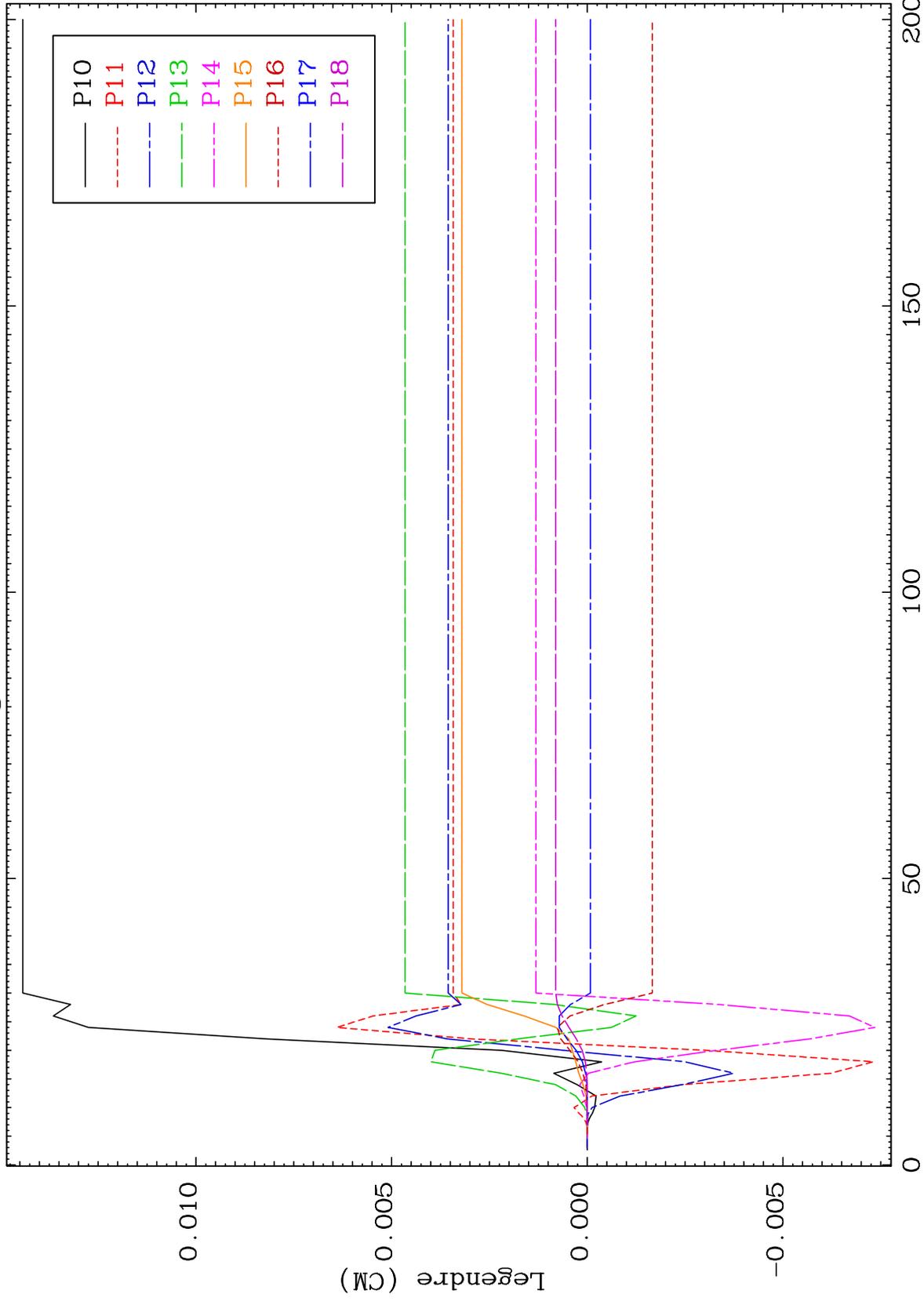
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



48-Cd-108

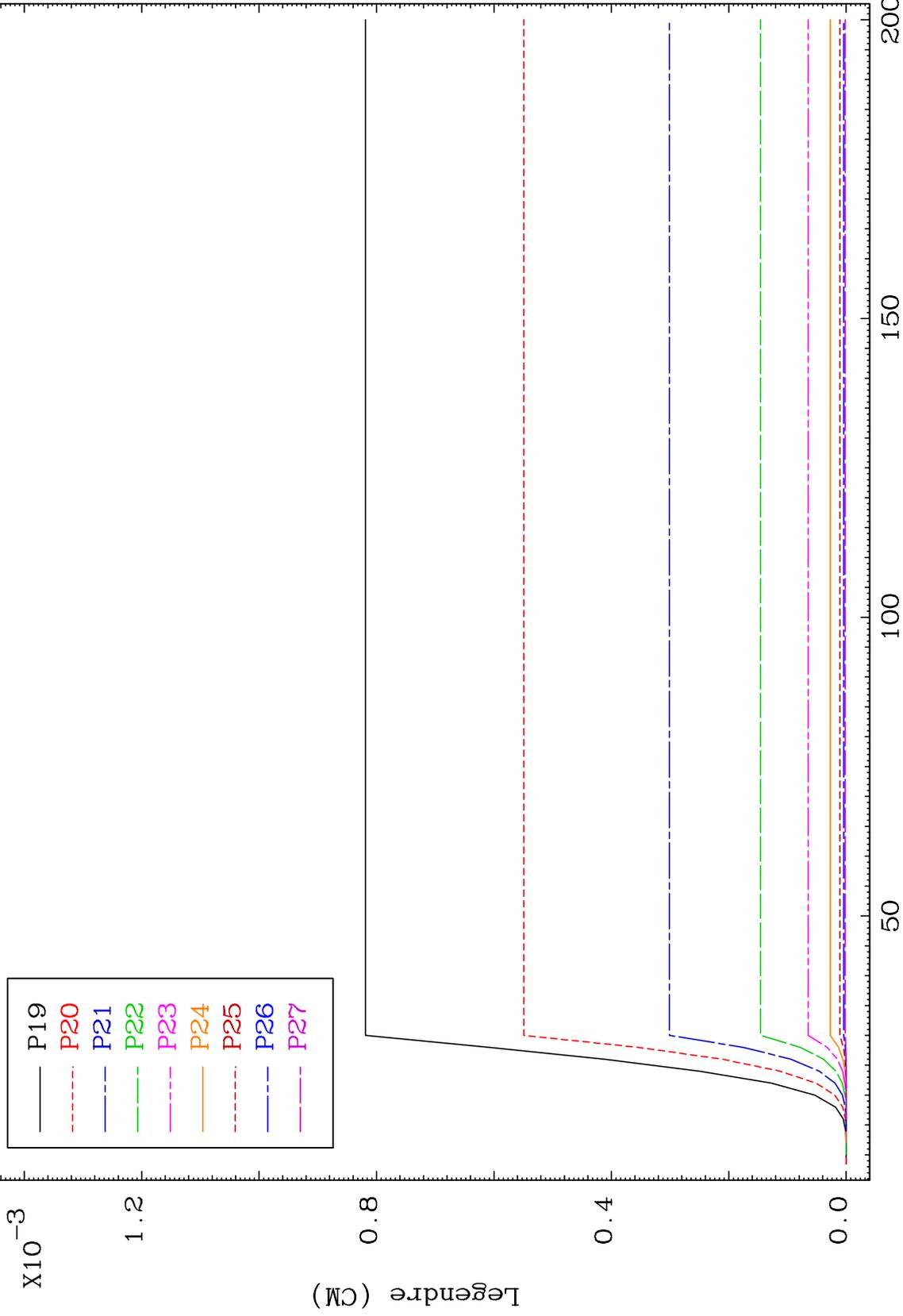
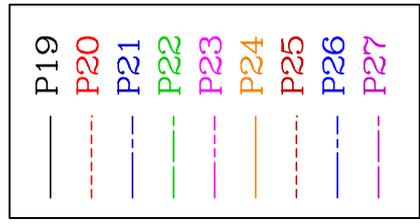
Incident Energy (MeV)

50

MAT 4831

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

48-Cd-108



51

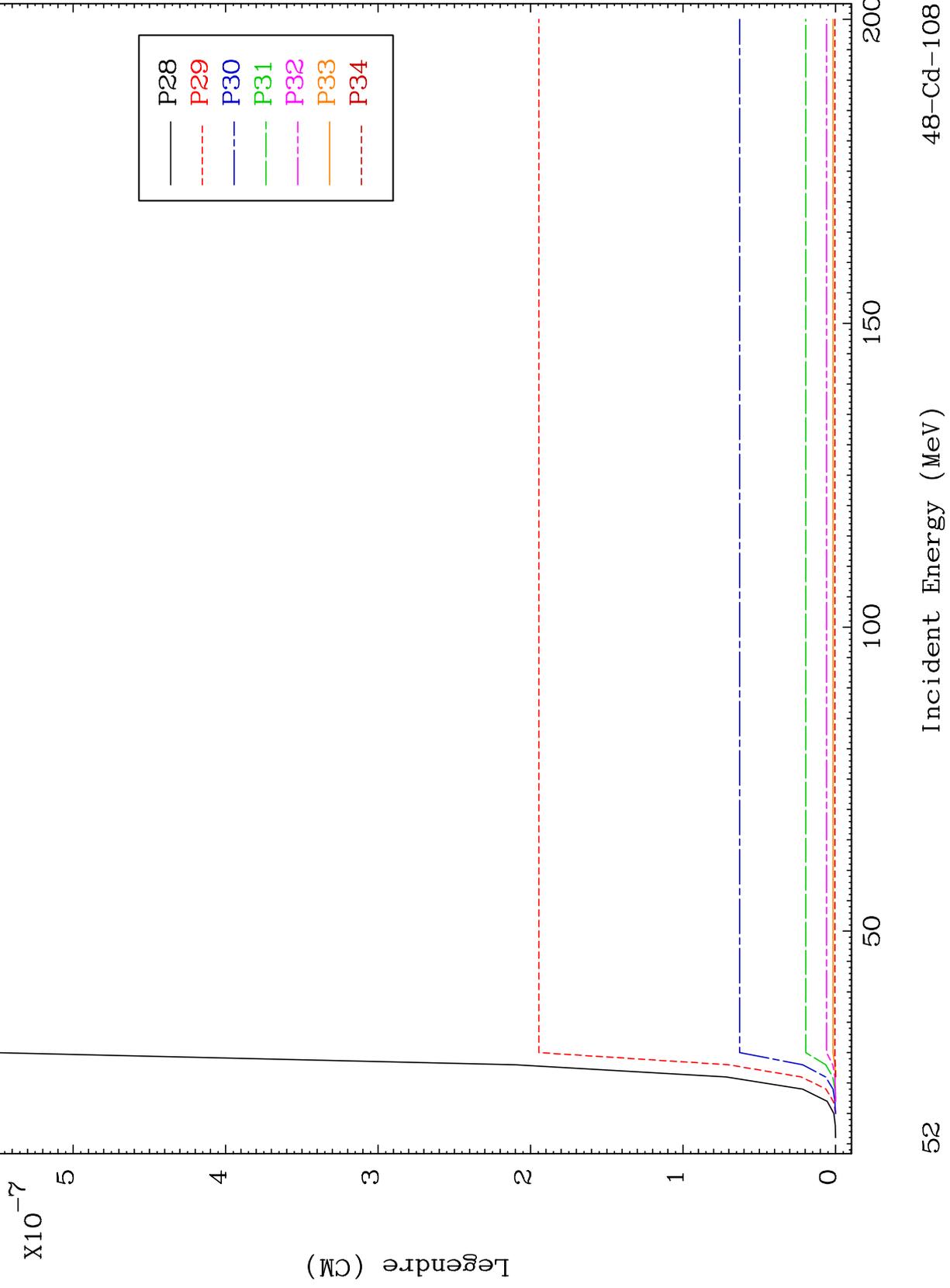
Incident Energy (MeV)

48-Cd-108

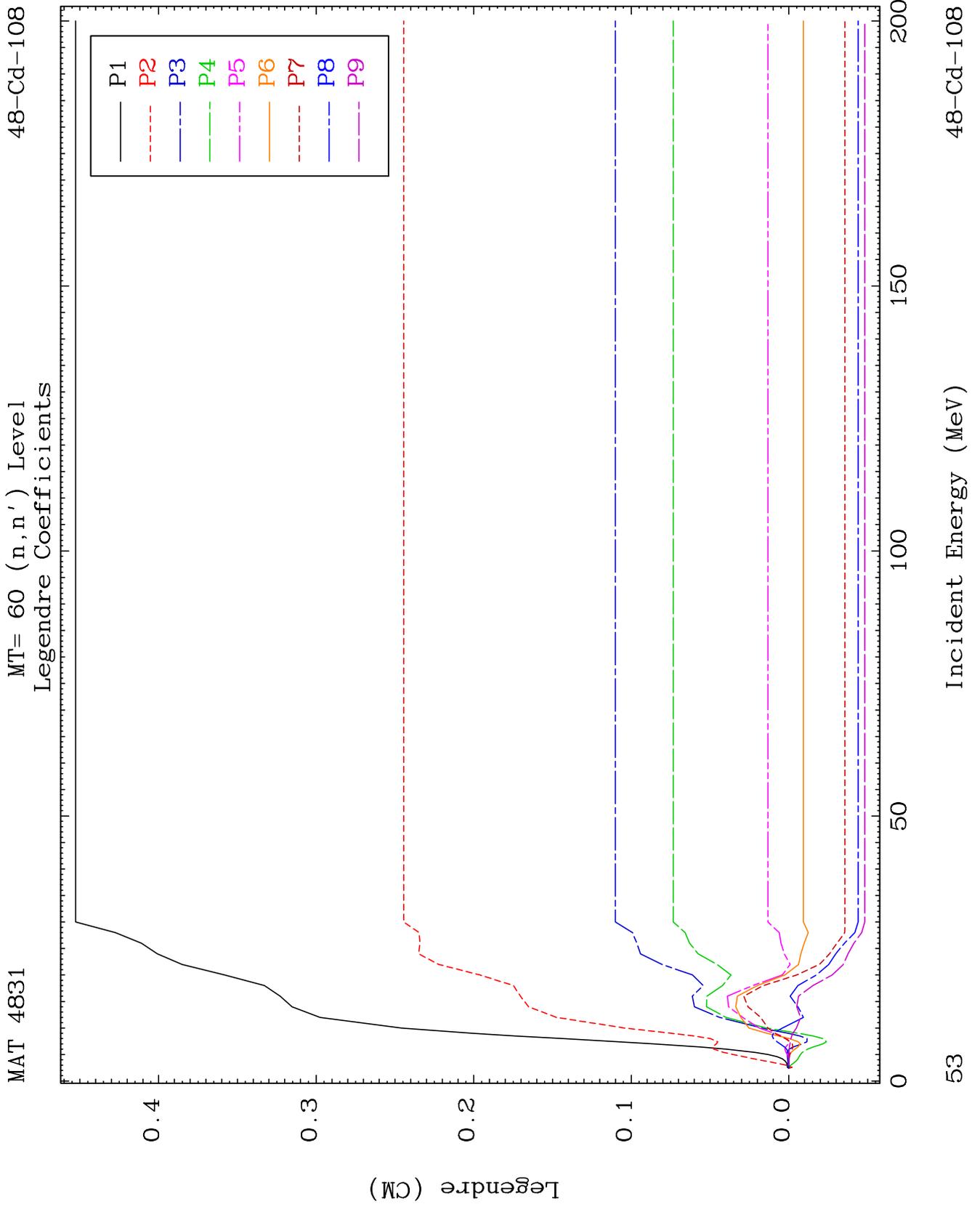
MAT 4831

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

48-Cd-108



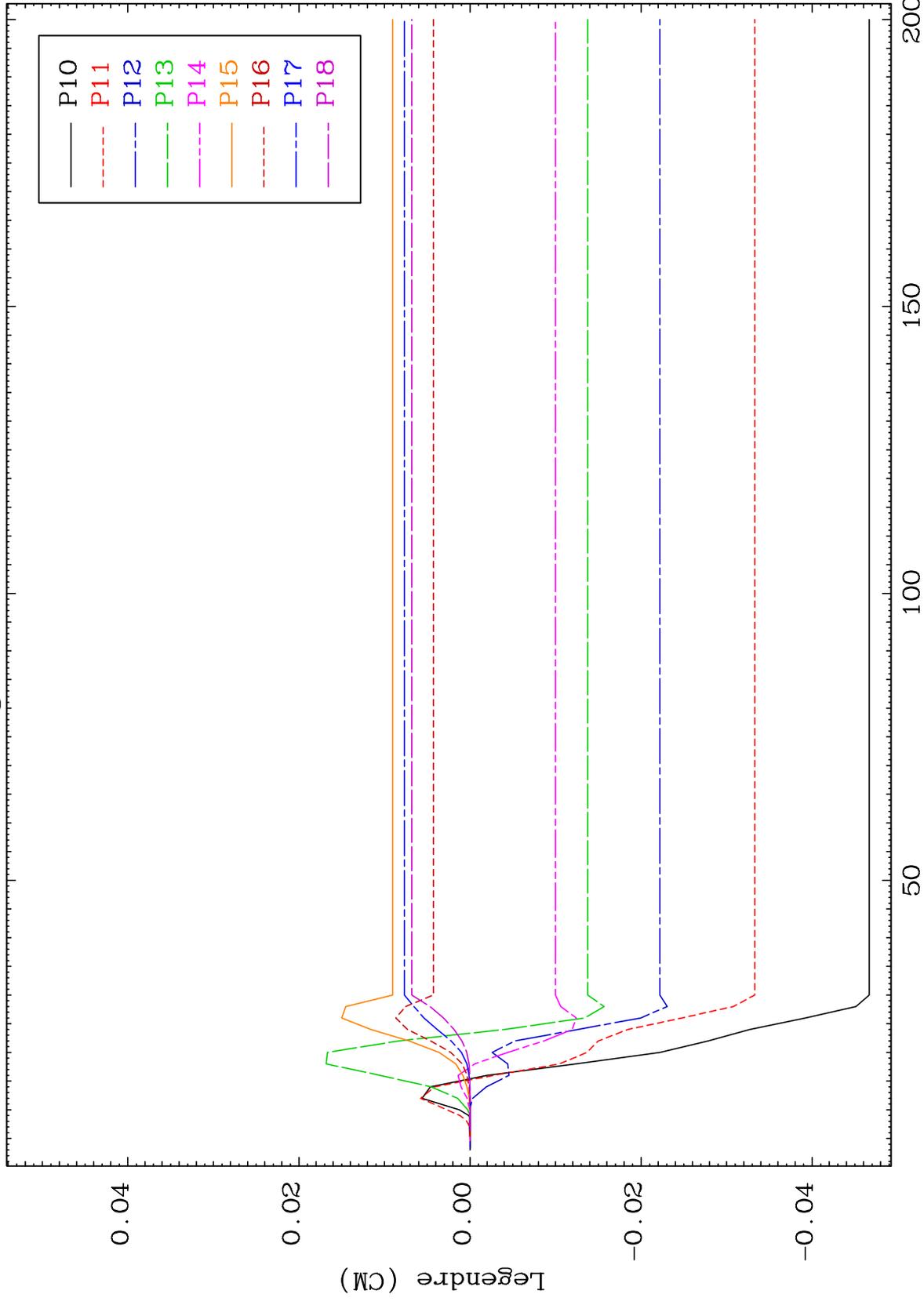
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MAT 4831

MT= 60 (n,n') Level
Legendre Coefficients

48-Cd-108



54

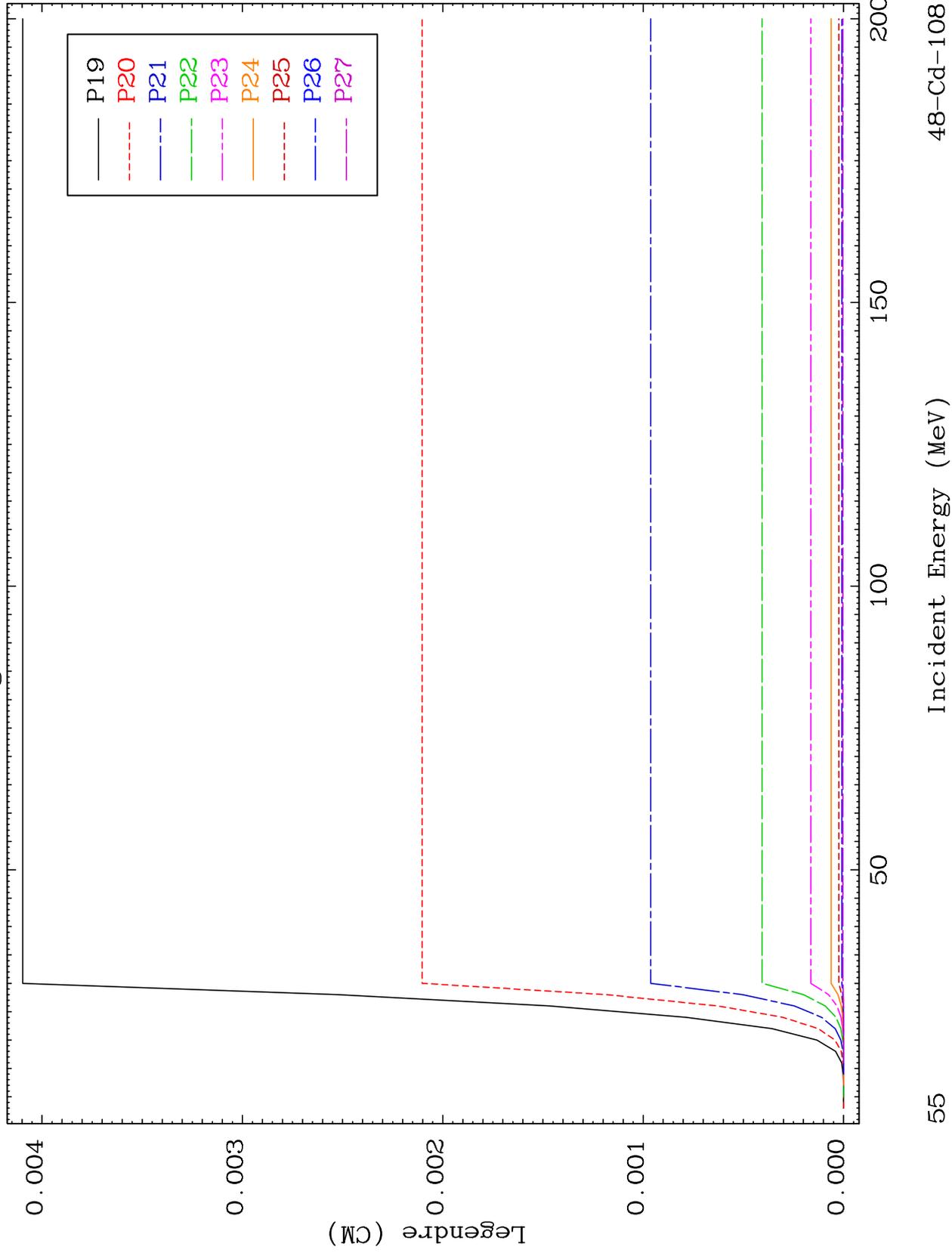
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 60 (n,n') Level
Legendre Coefficients

48-Cd-108



55

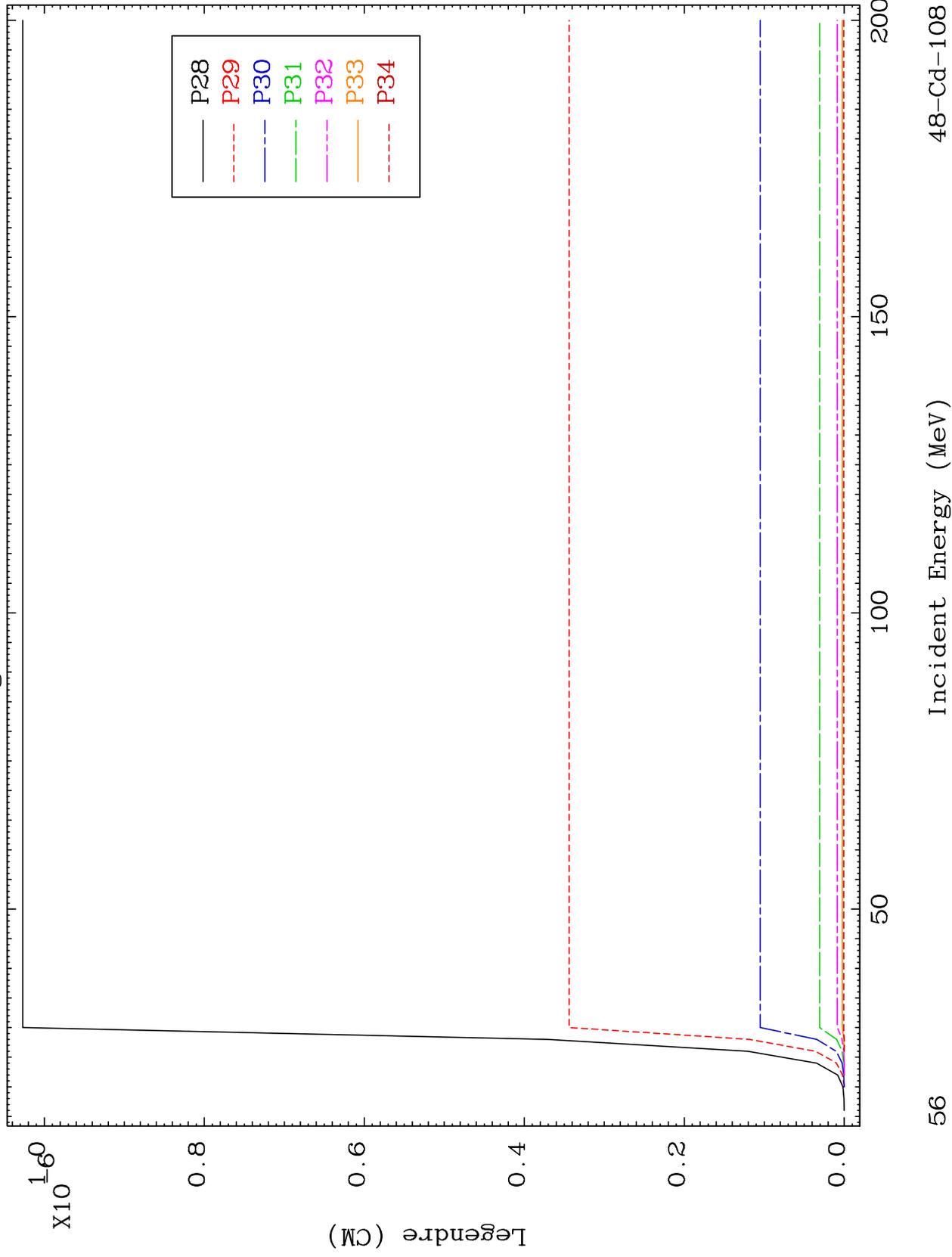
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 60 (n,n') Level
Legendre Coefficients

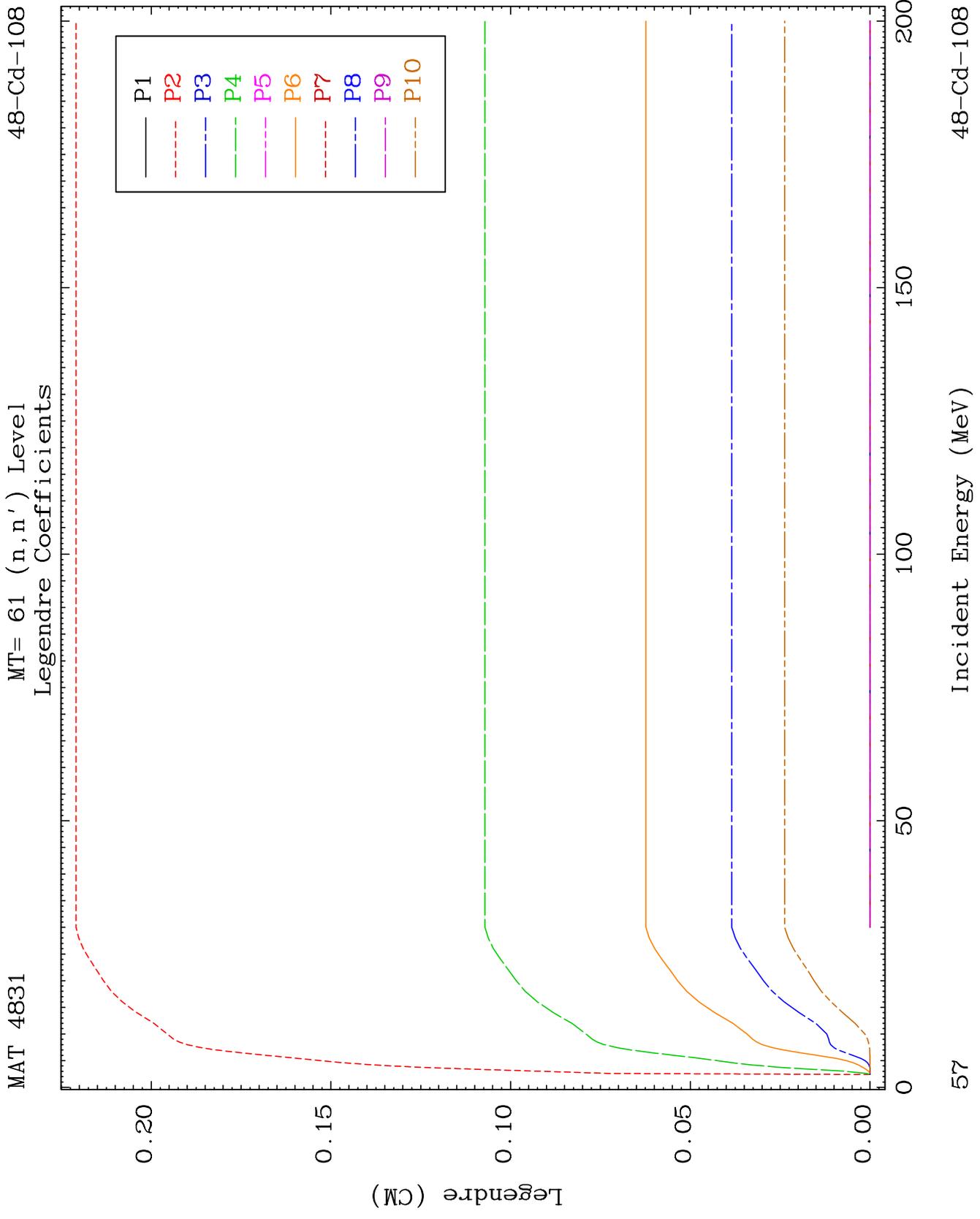
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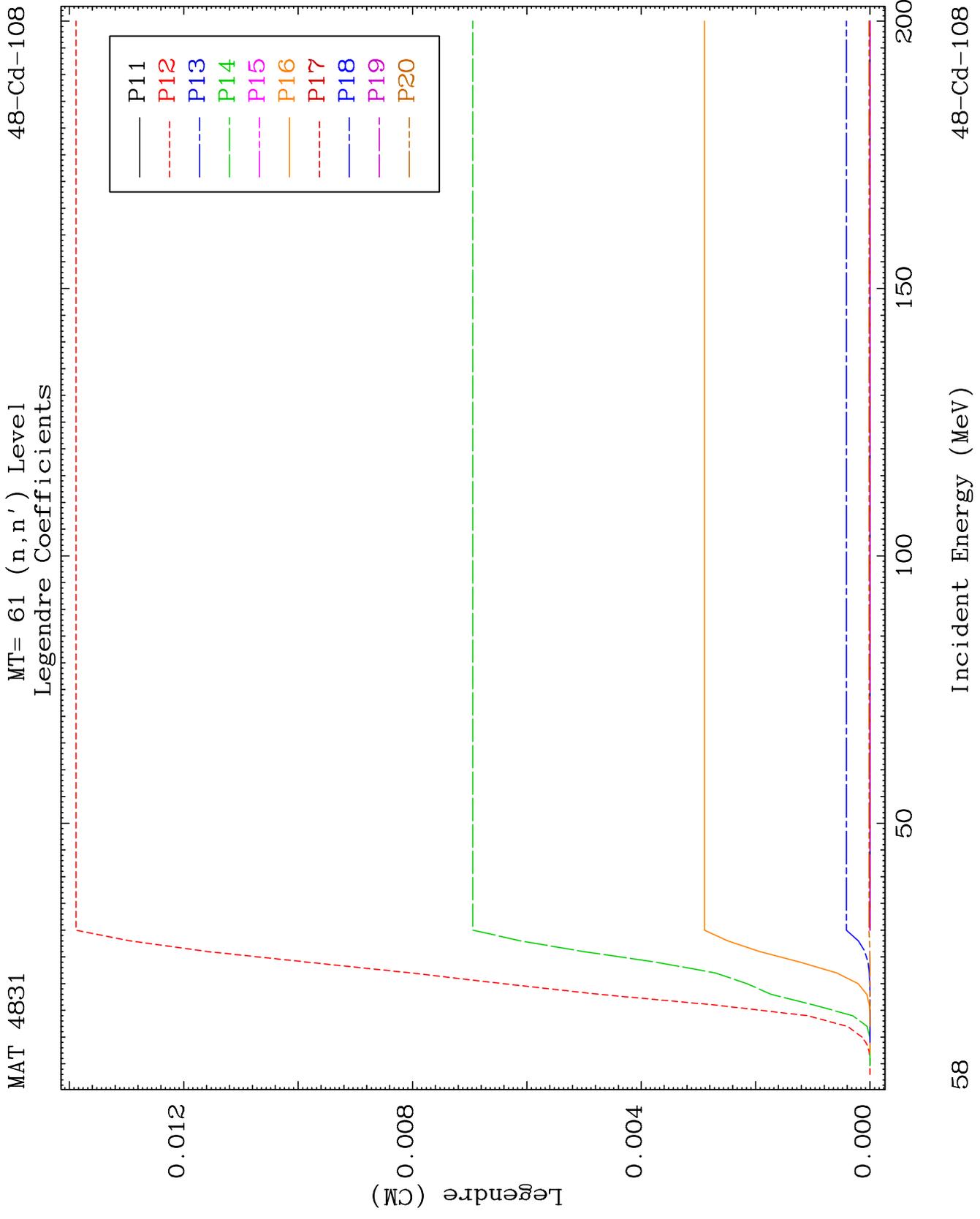


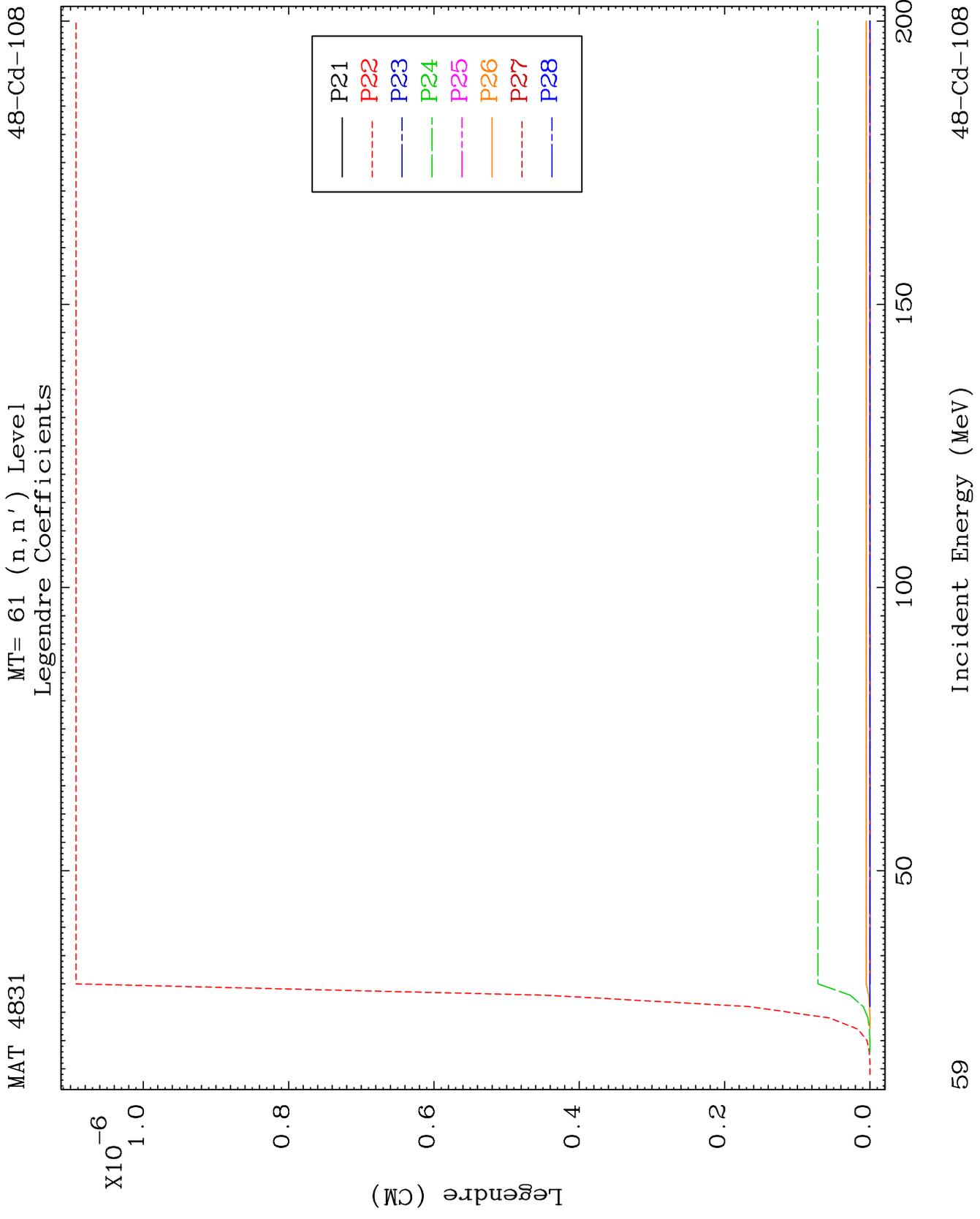
56

Incident Energy (MeV)

48-Cd-108



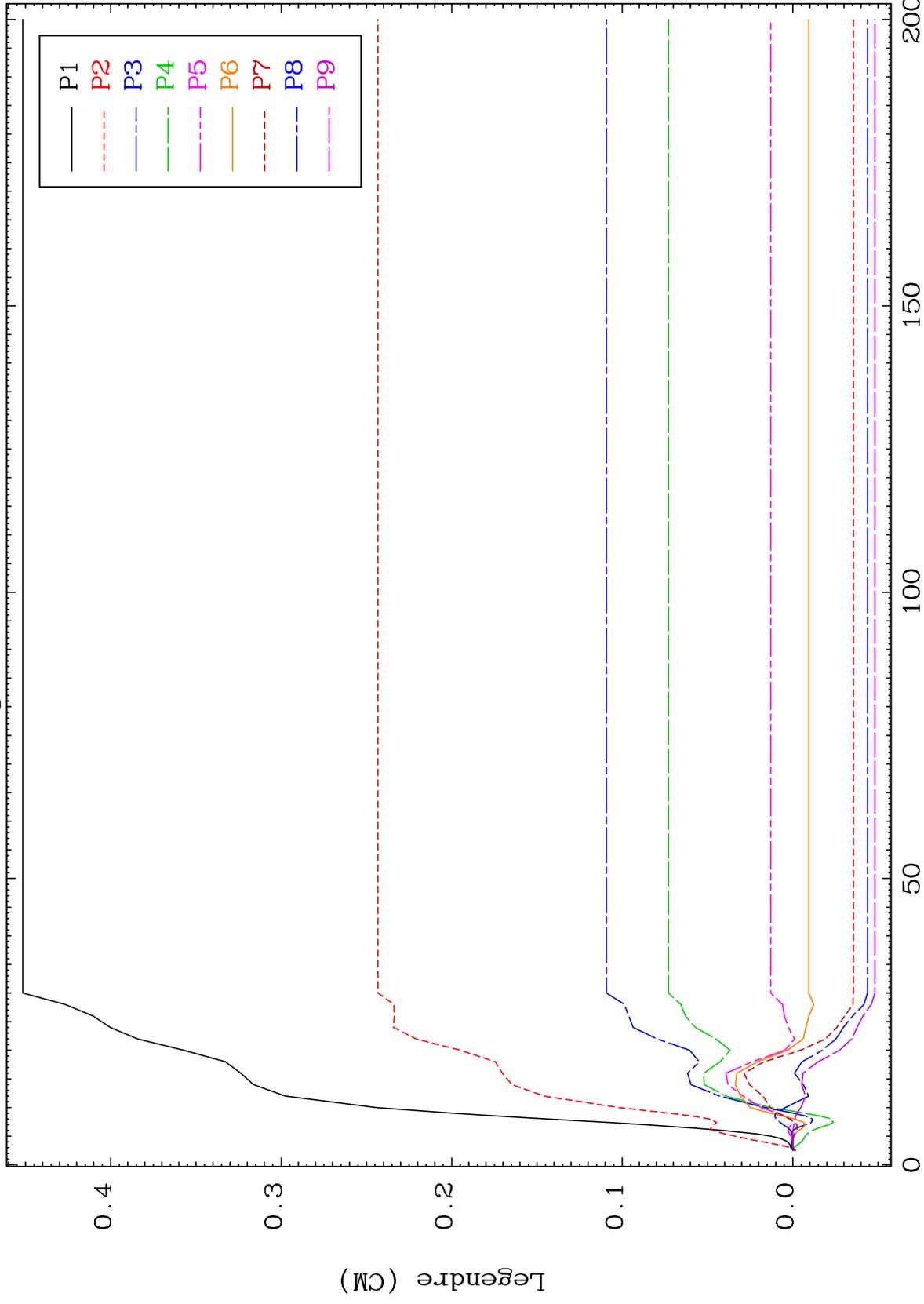




MAT 4831

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

48-Cd-108



48-Cd-108

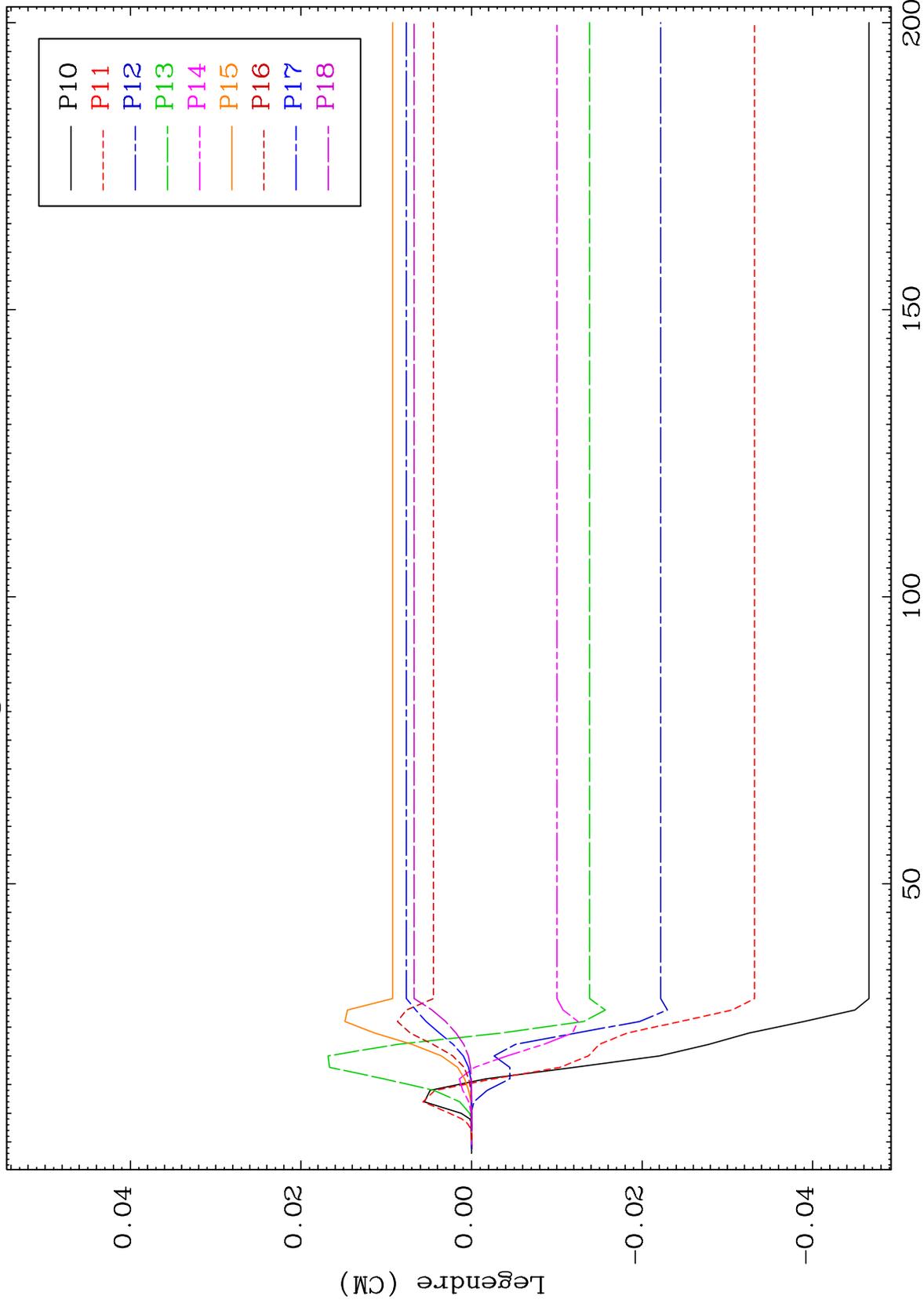
Incident Energy (MeV)

60

MAT 4831

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

48-Cd-108



61

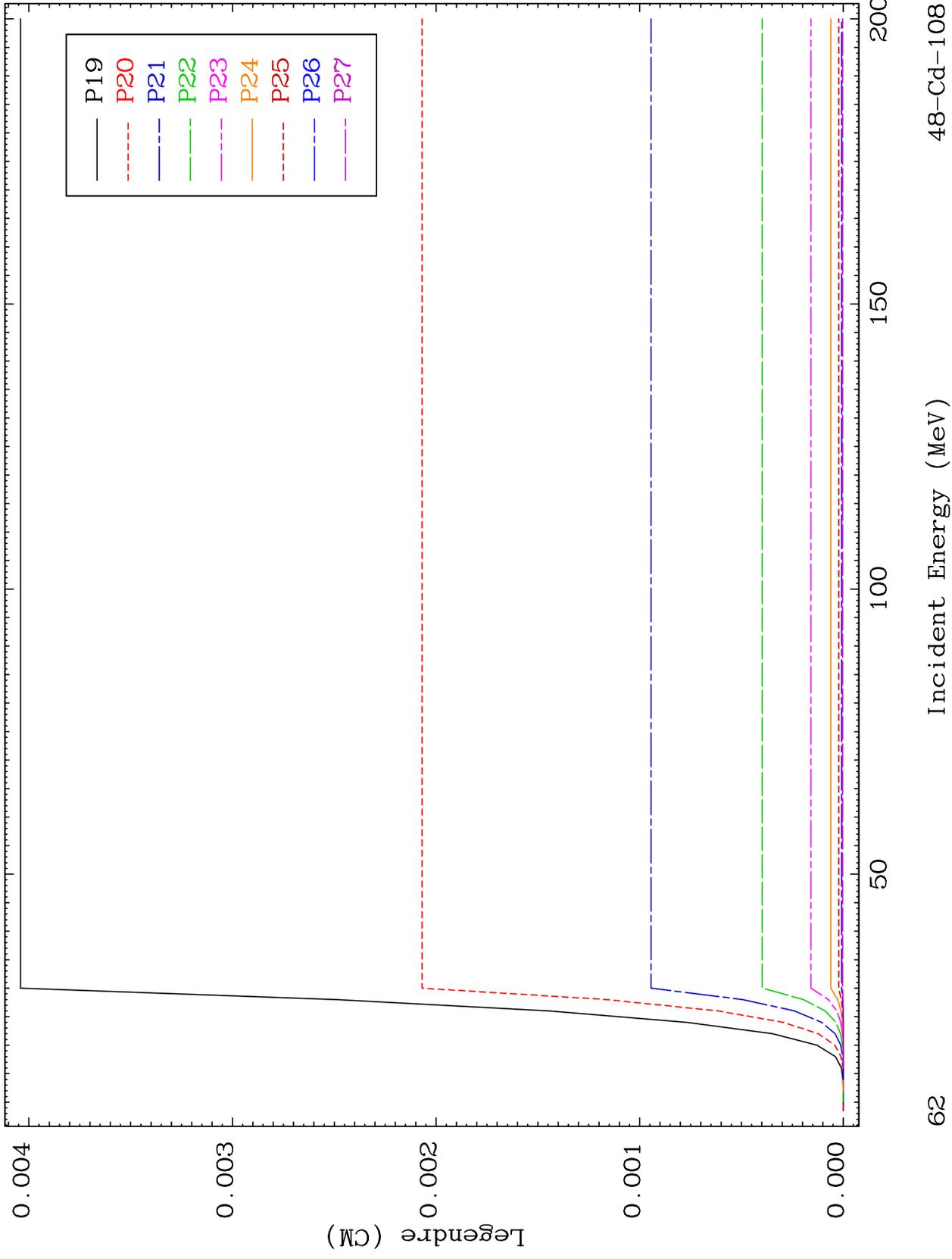
Incident Energy (MeV)

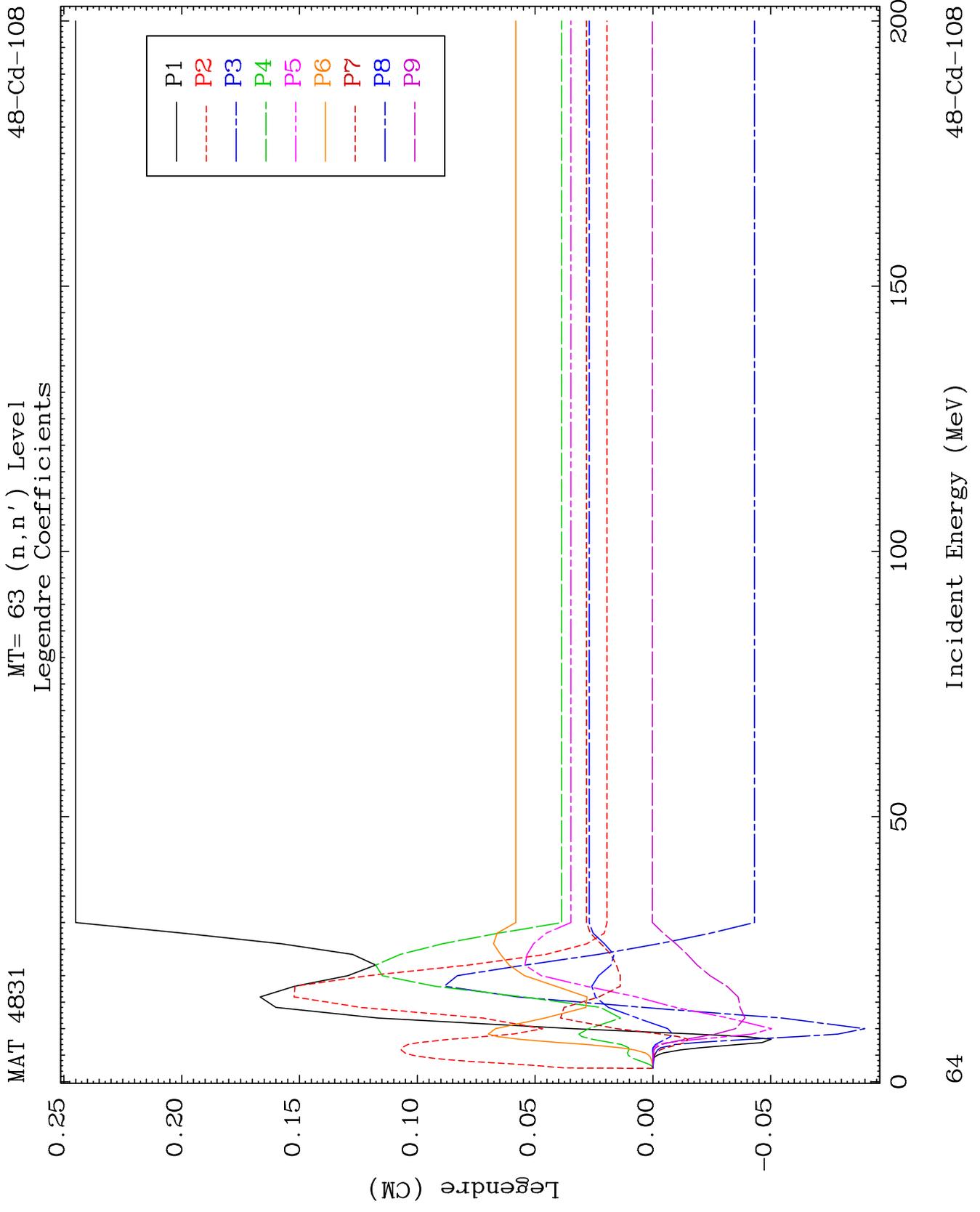
48-Cd-108

MAT 4831

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

48-Cd-108

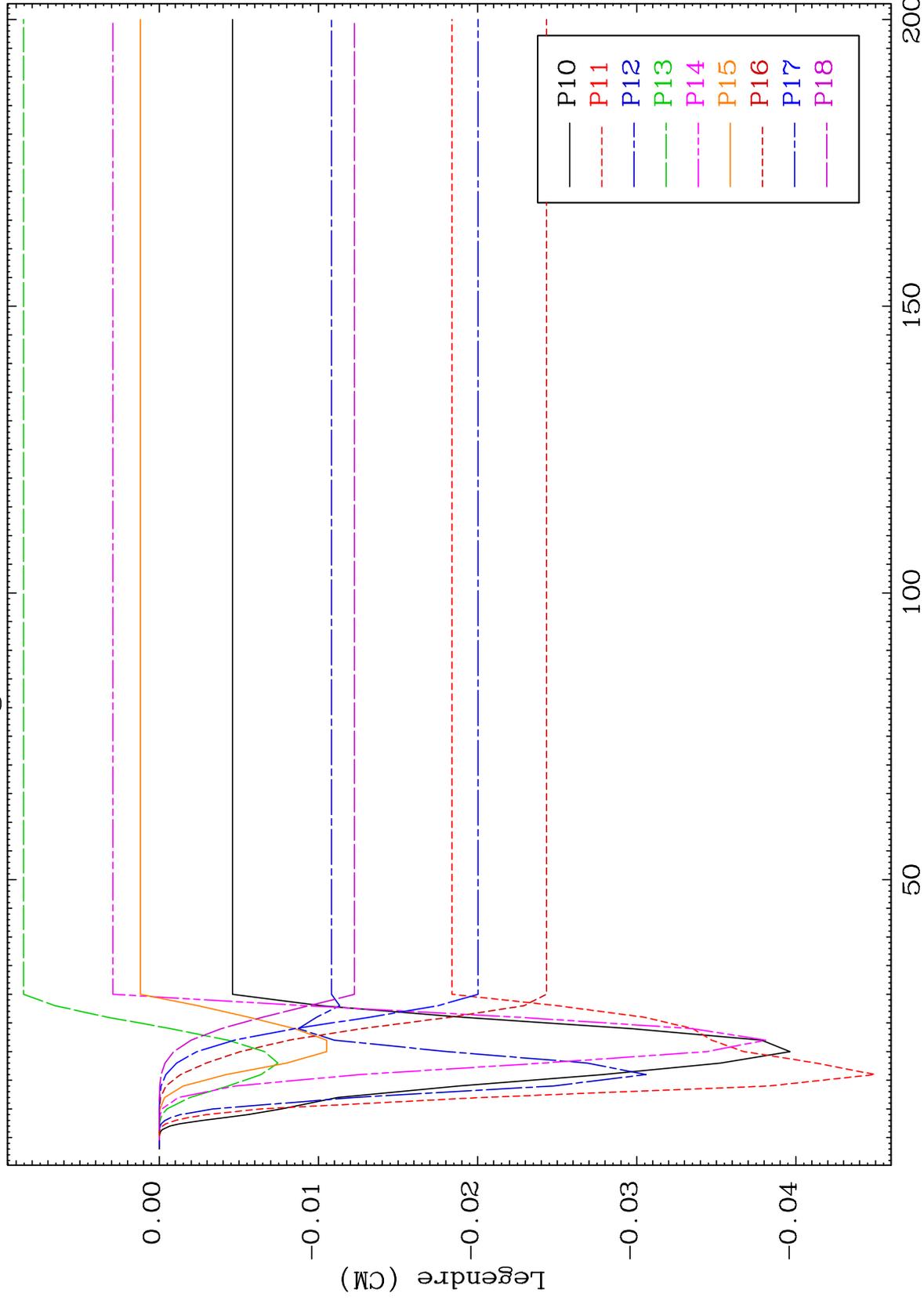




MAT 4831

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

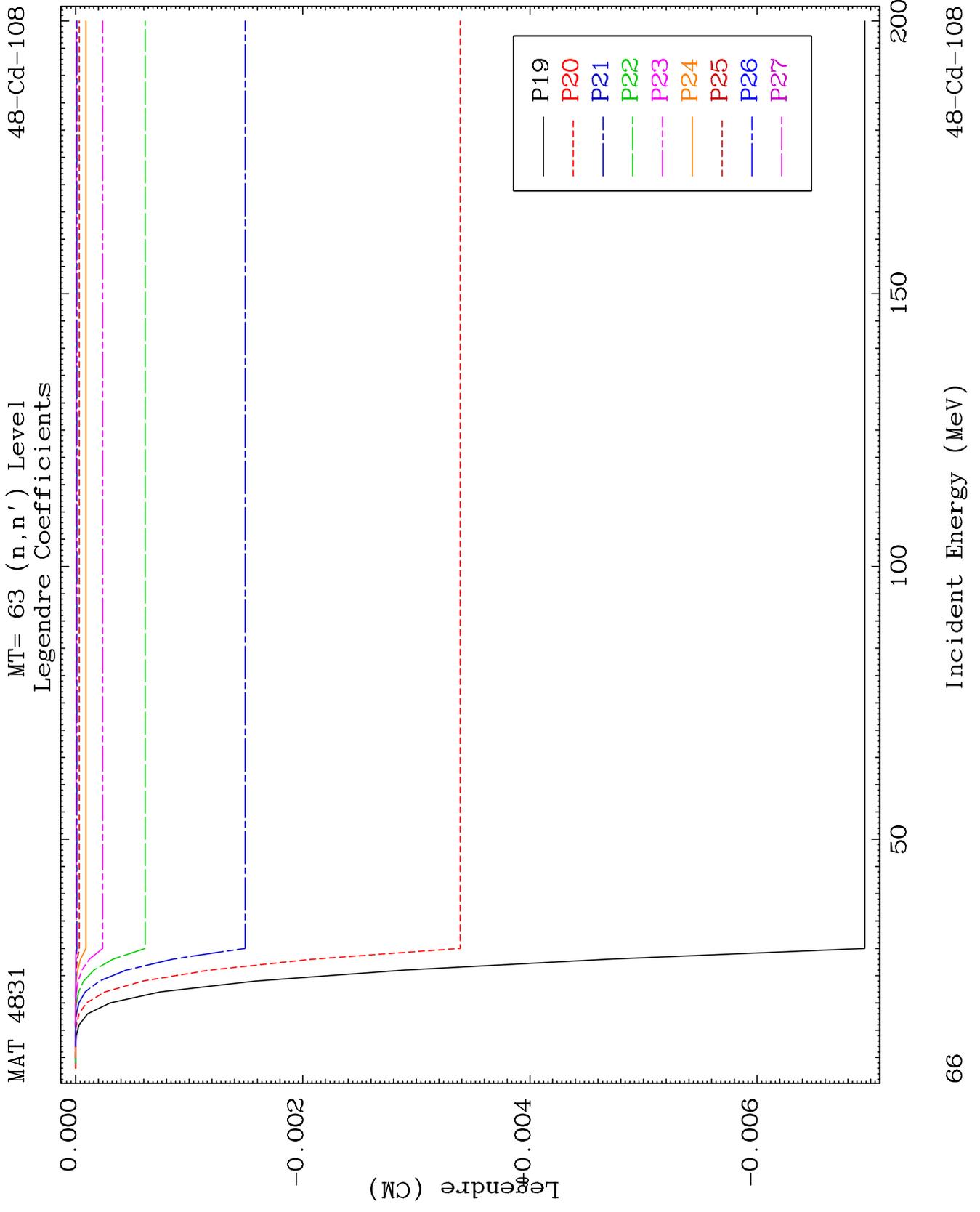
48-Cd-108

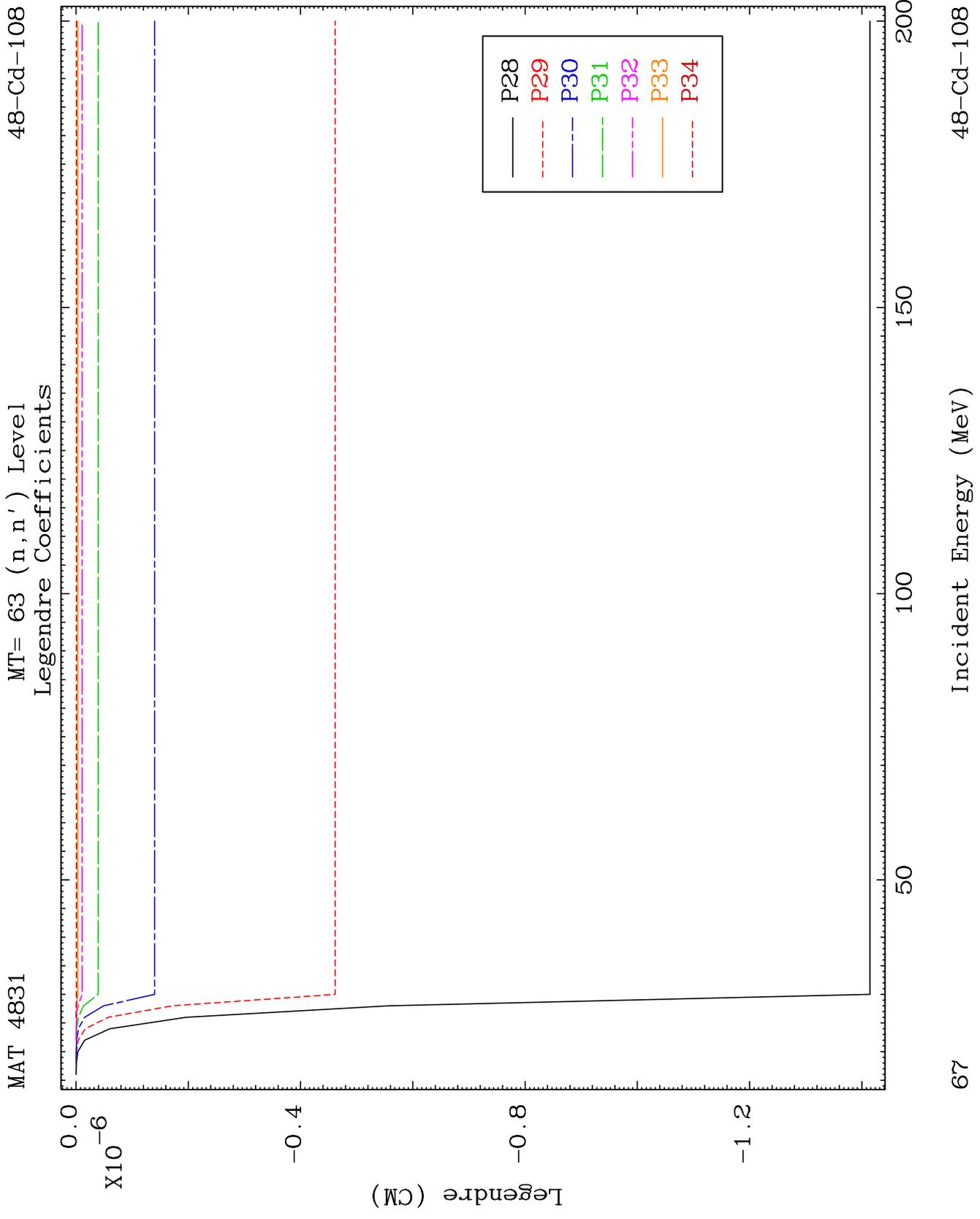


65

Incident Energy (MeV)

48-Cd-108

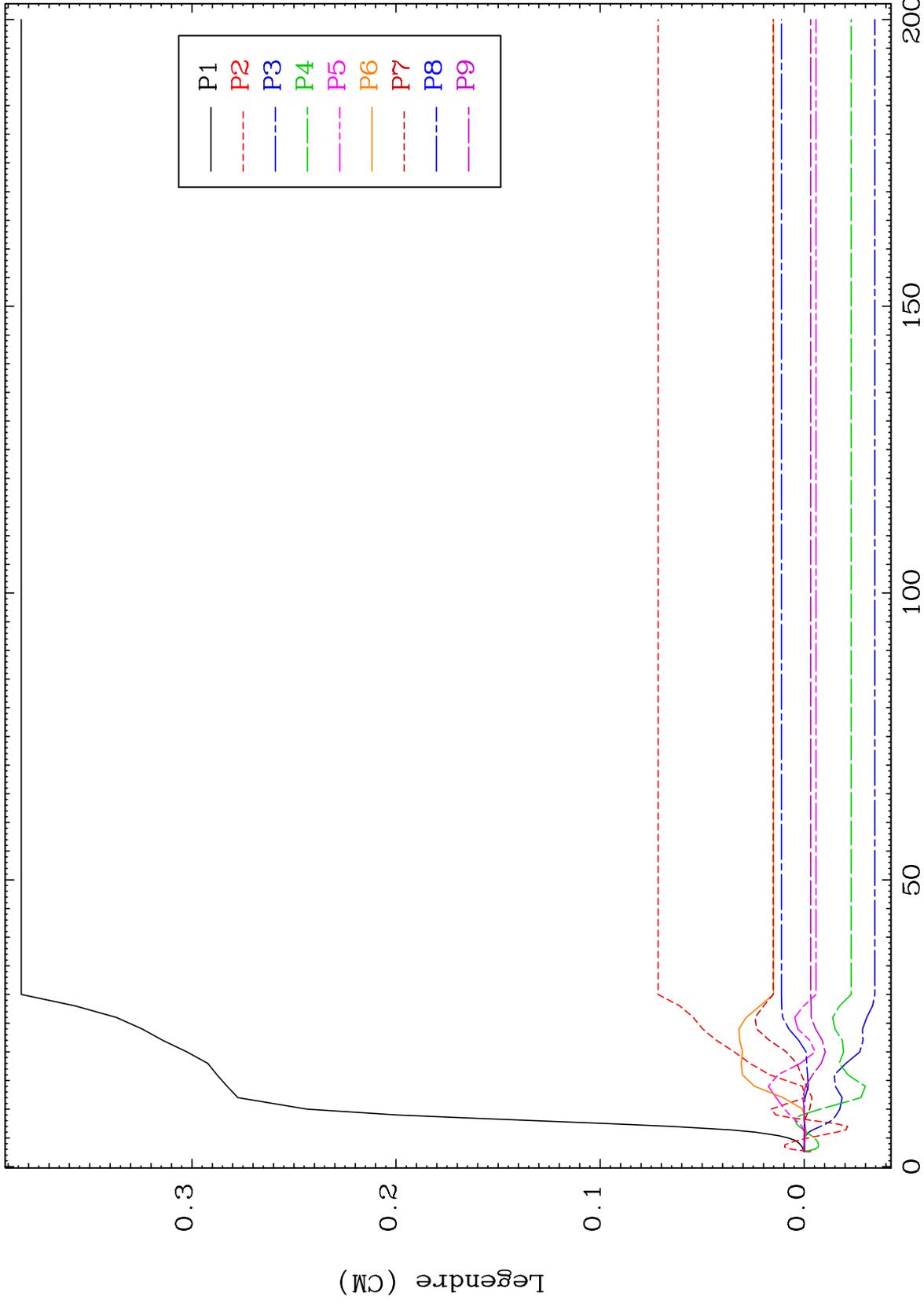




MAT 4831

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

48-Cd-108



68

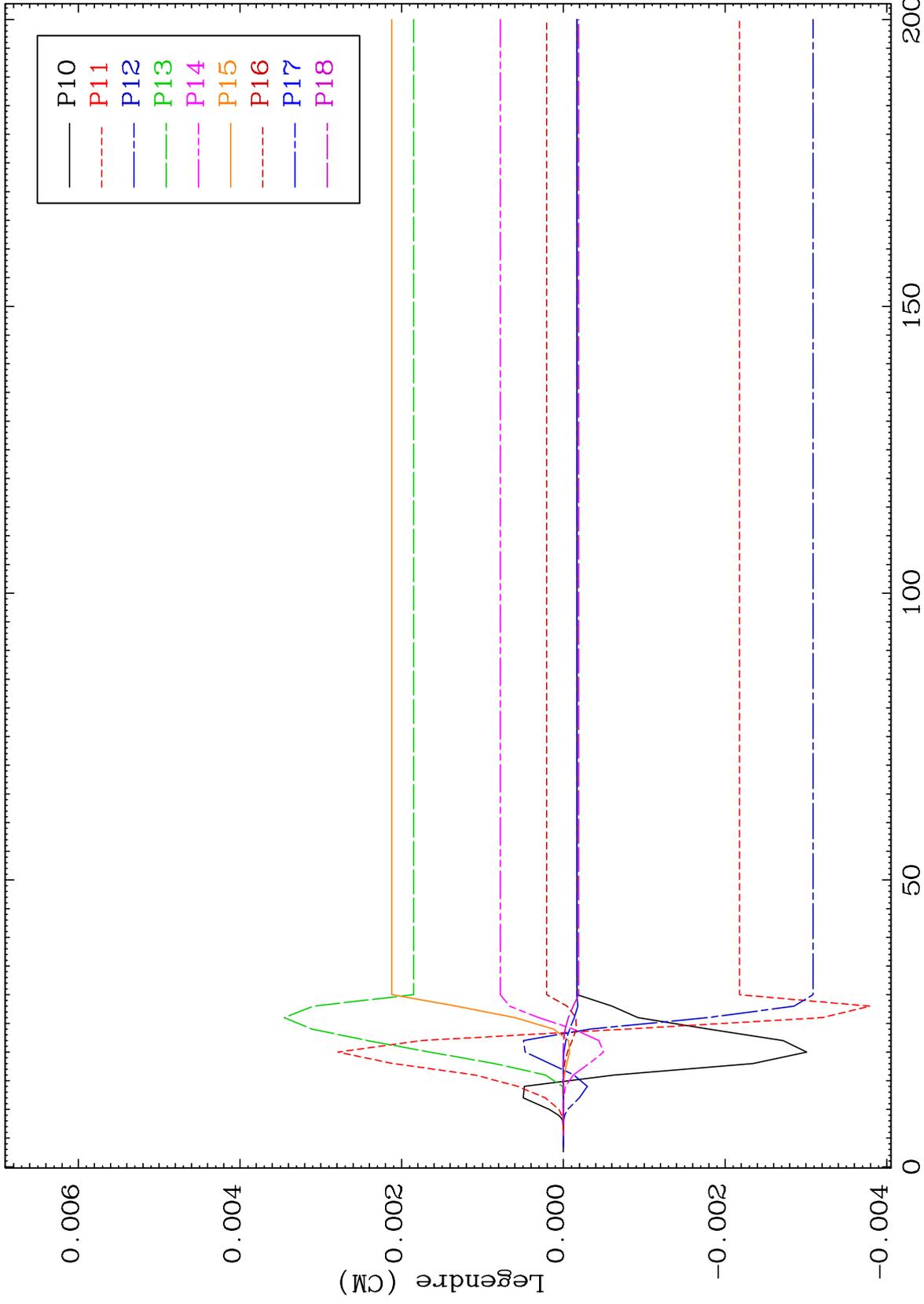
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

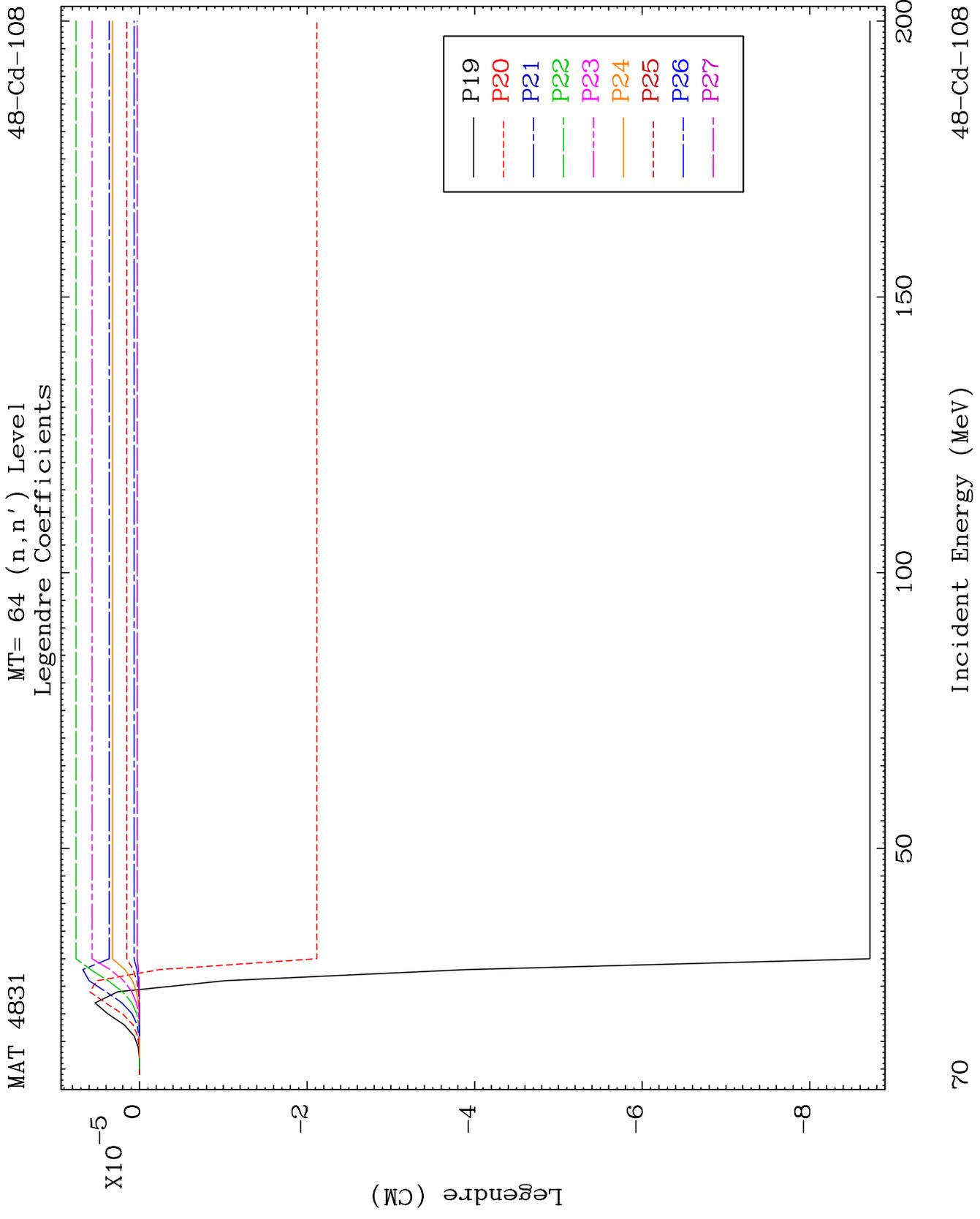
48-Cd-108



69

Incident Energy (MeV)

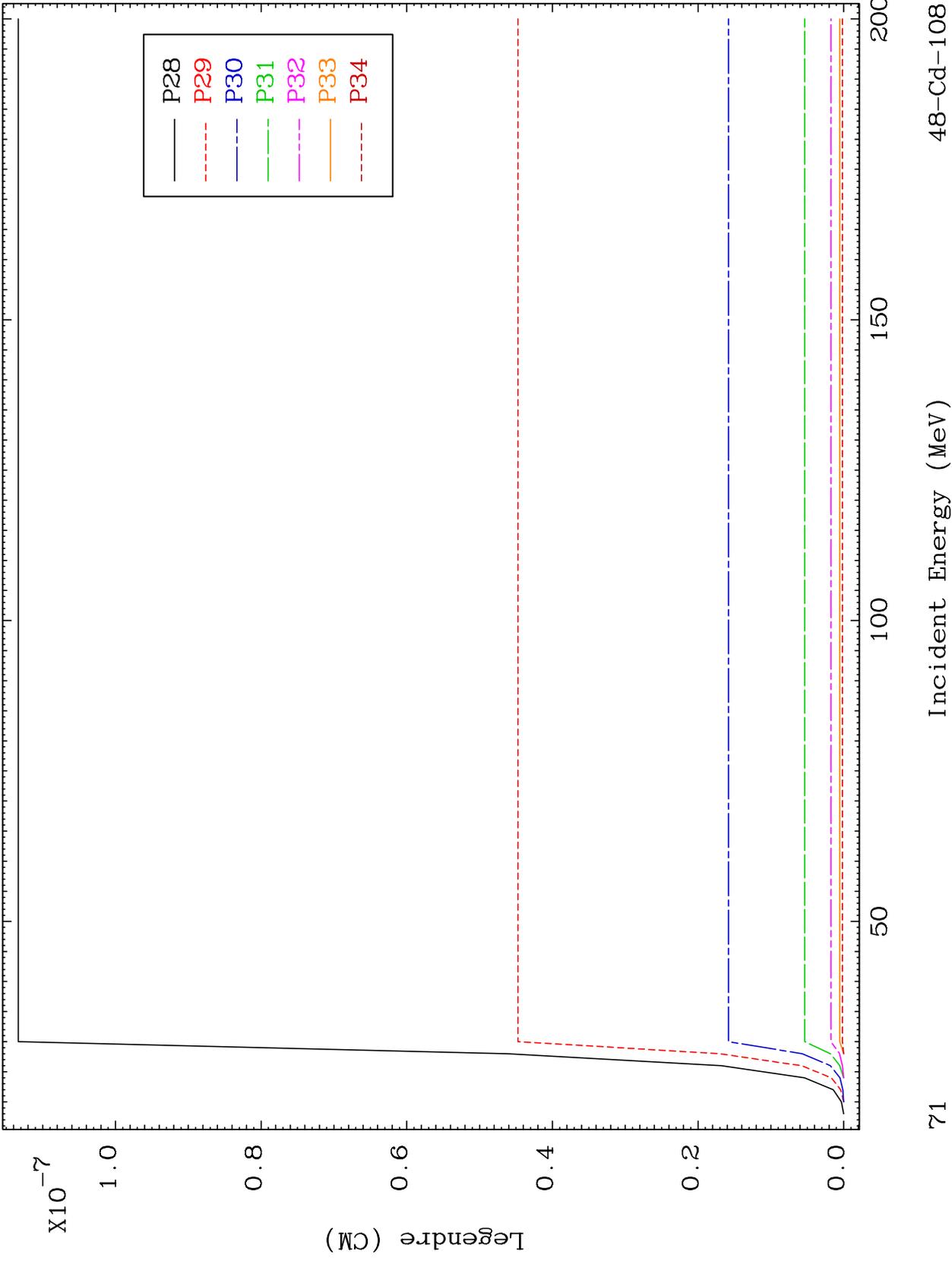
48-Cd-108



MAT 4831

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

48-Cd-108



71

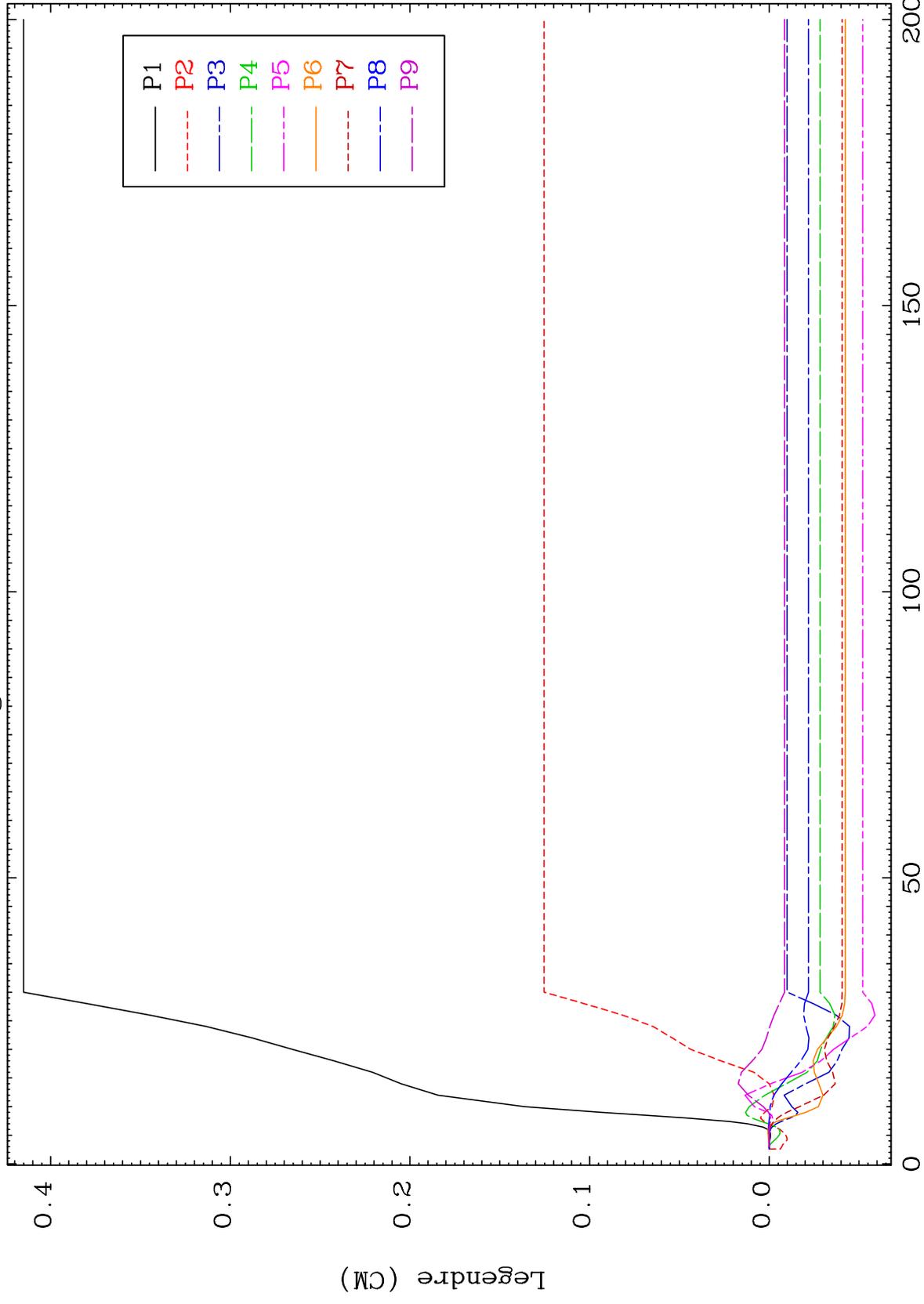
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



72

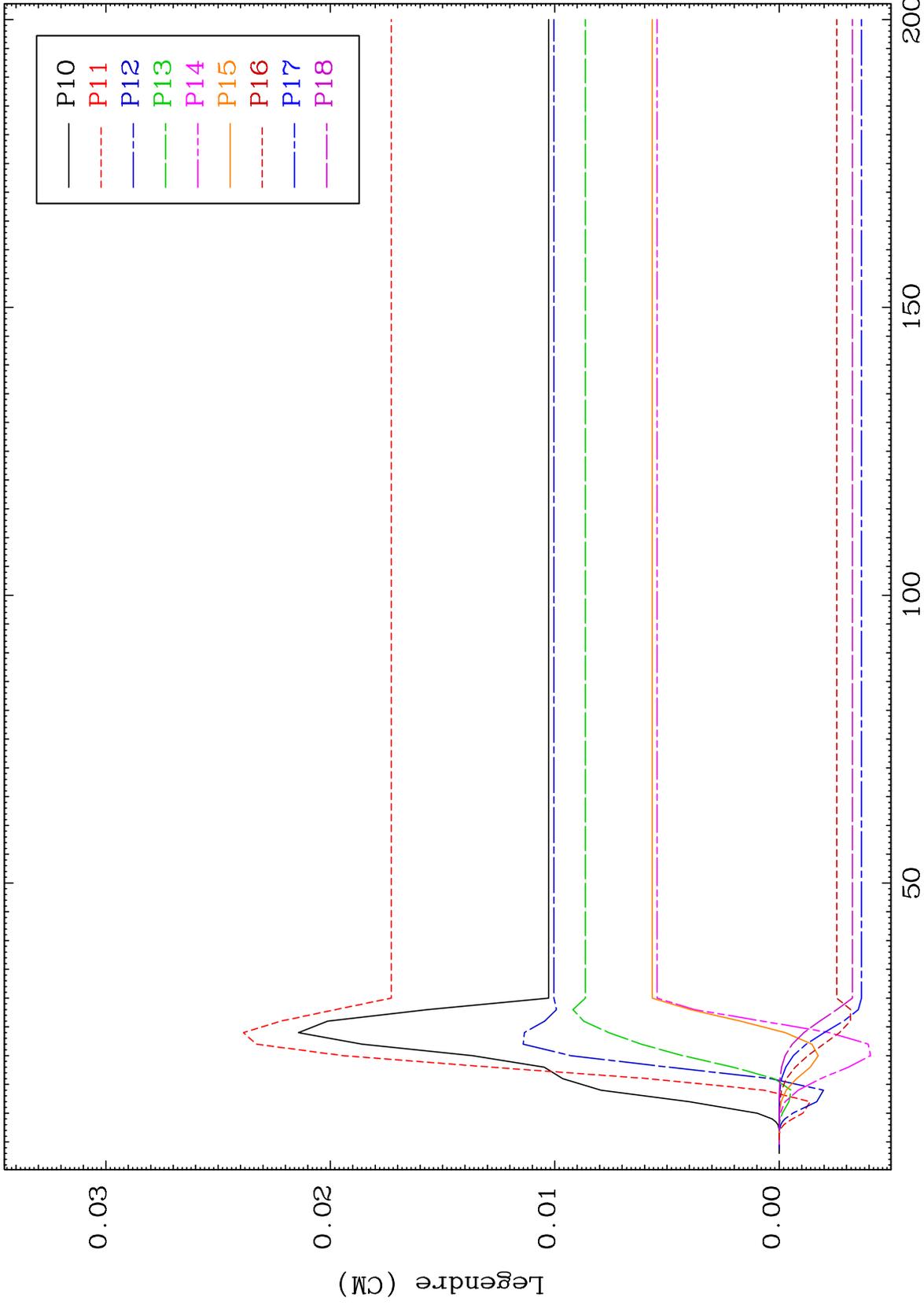
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

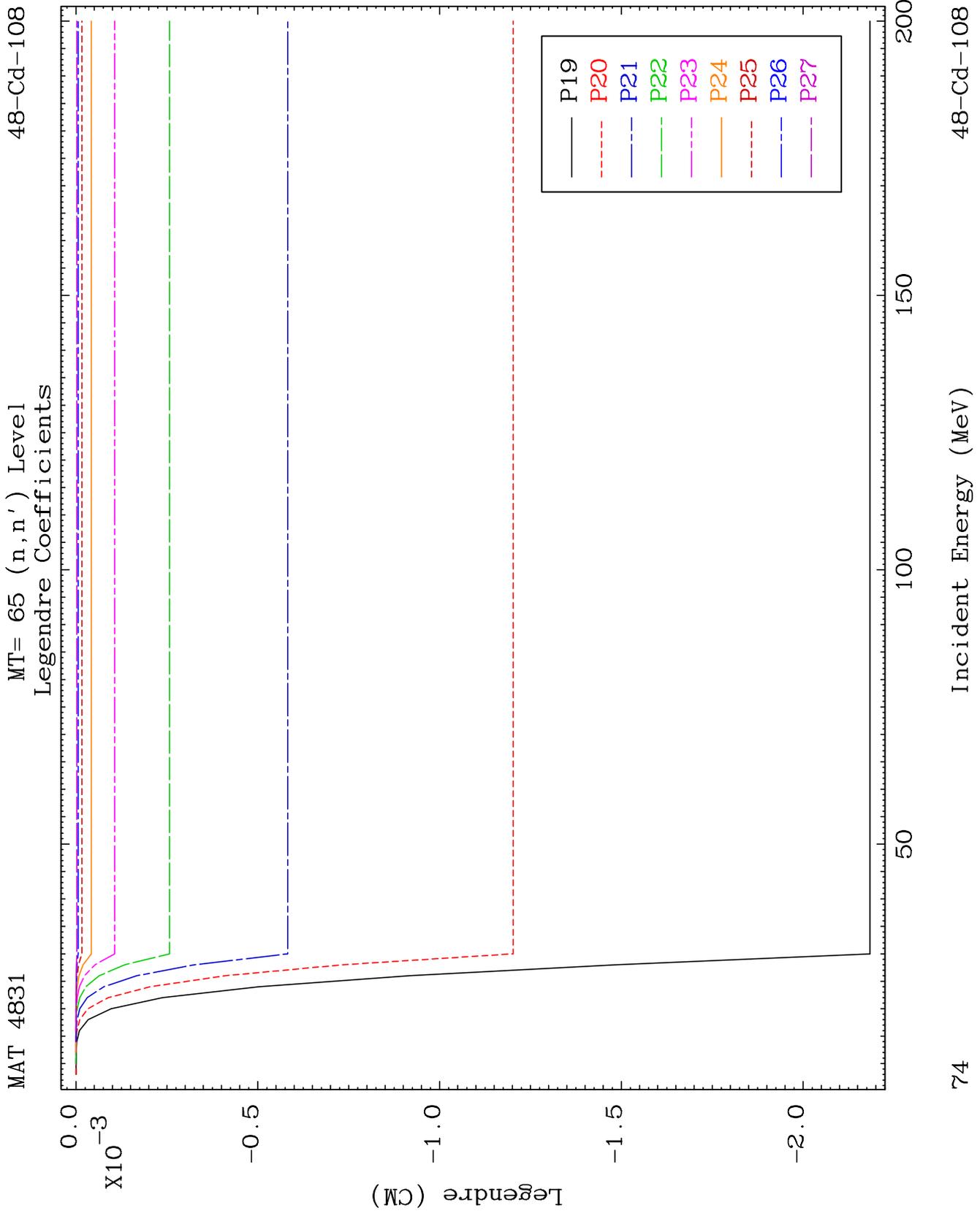
48-Cd-108

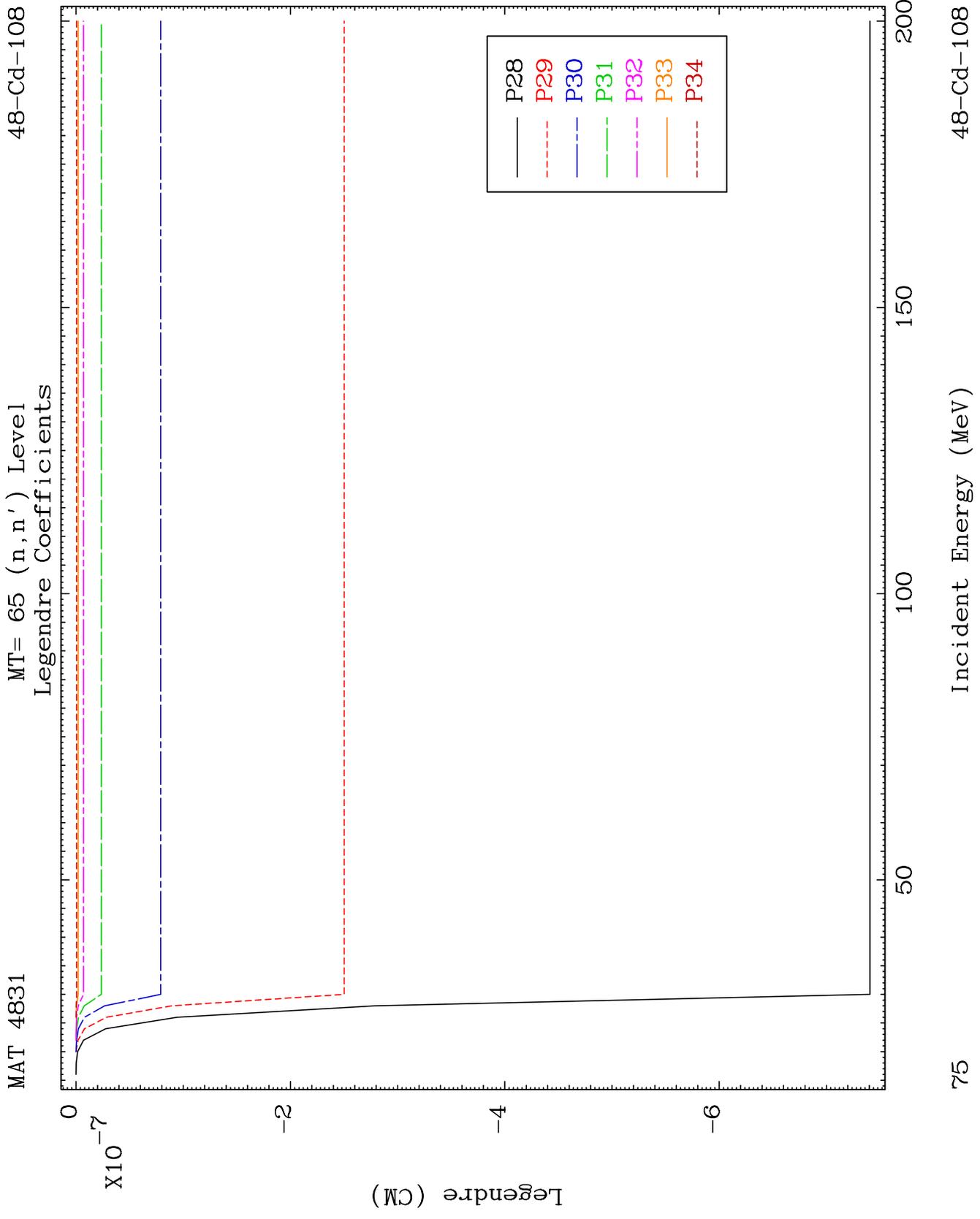


73

Incident Energy (MeV)

48-Cd-108

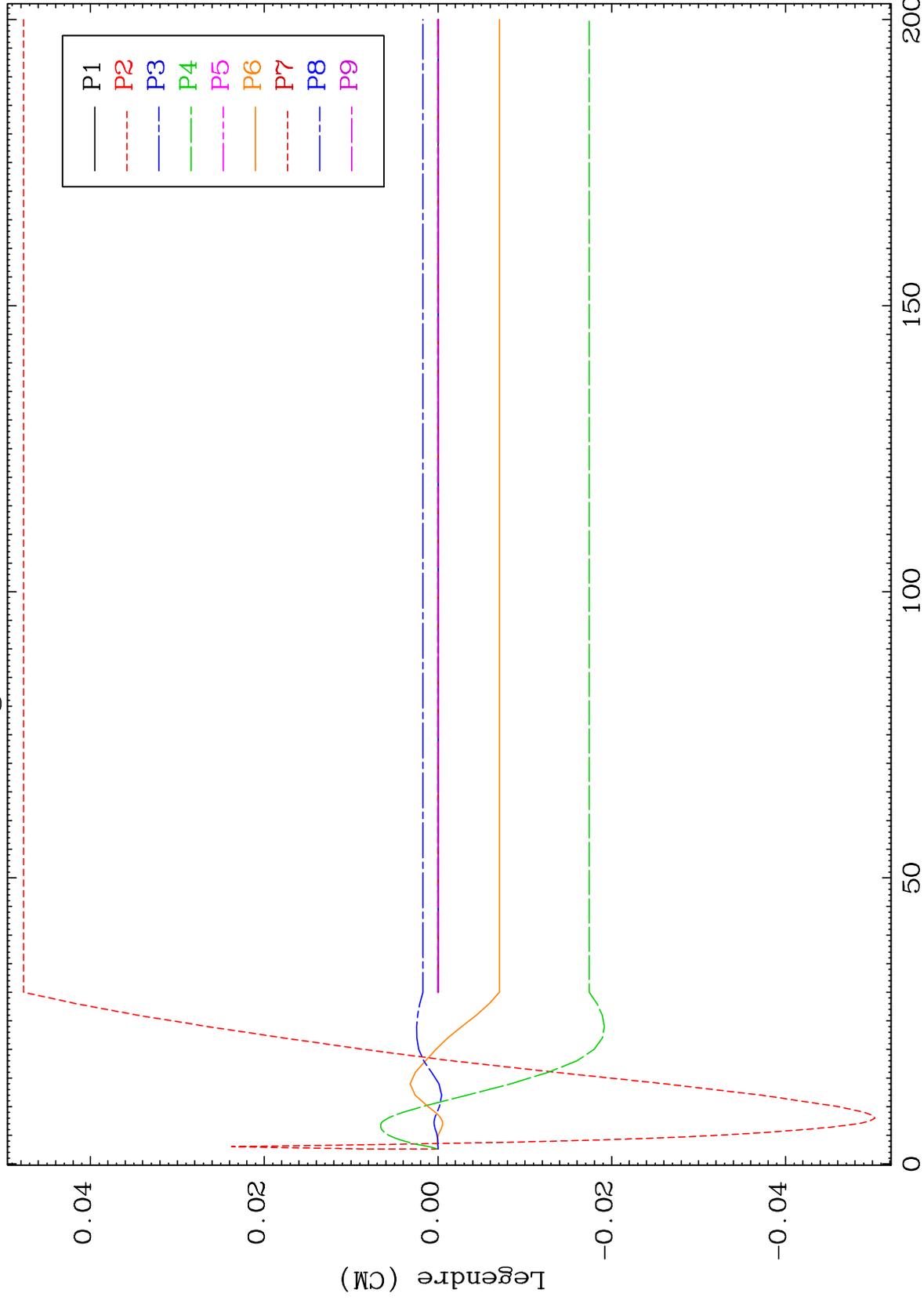




MAT 4831

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

48-Cd-108



76

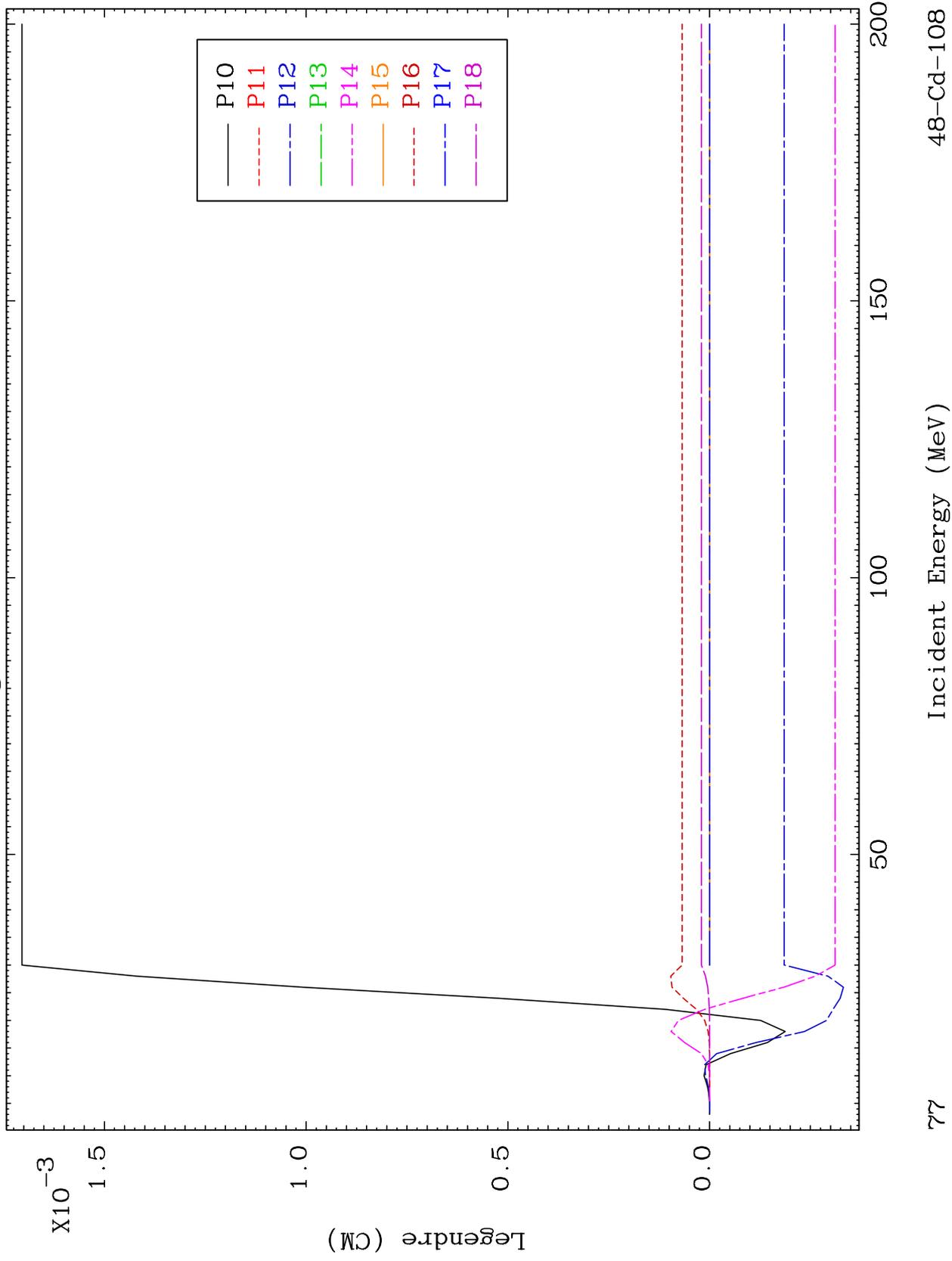
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



77

Incident Energy (MeV)

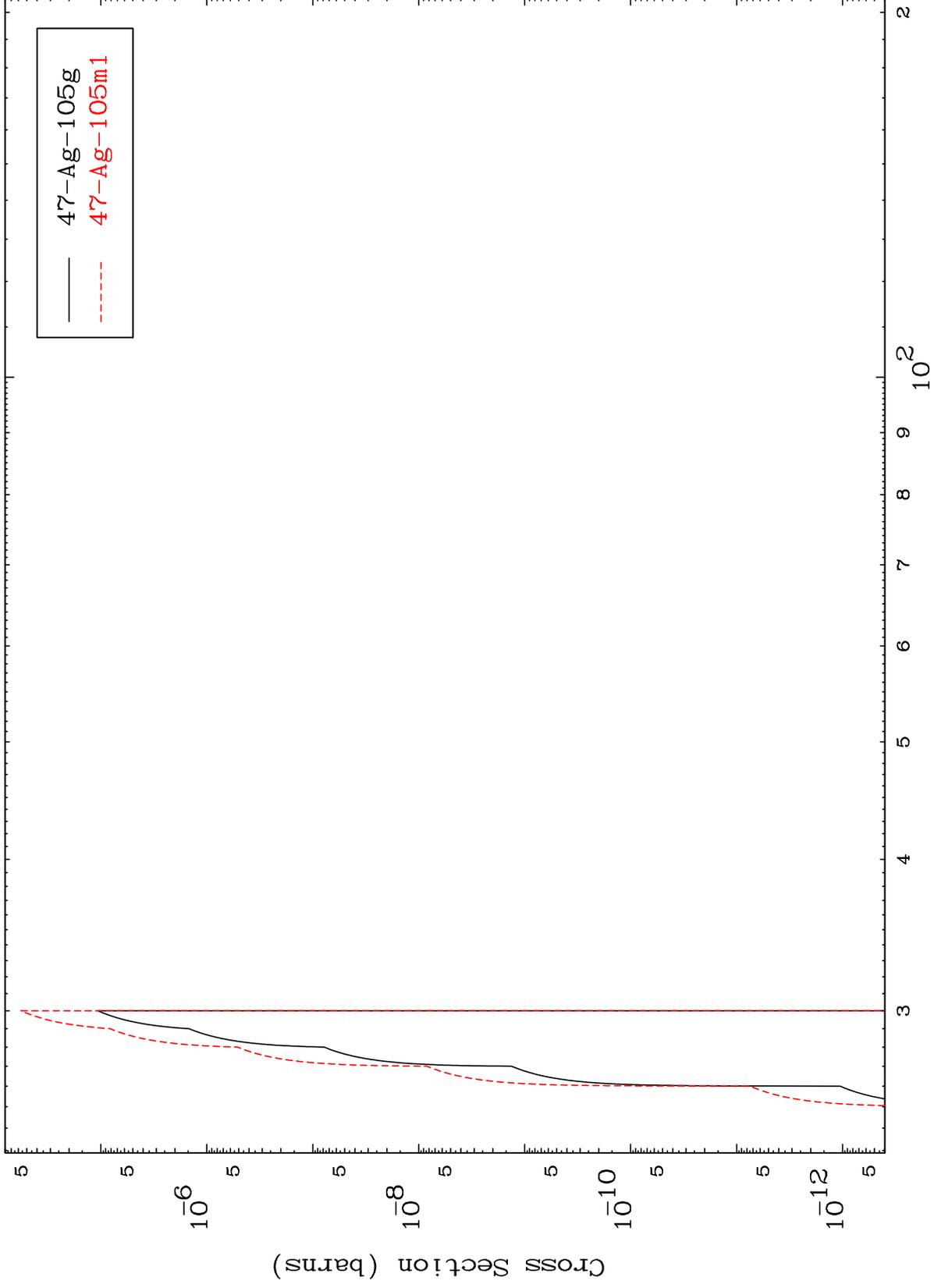
48-Cd-108

MAT 4831

(n,2n) d

48-Cd-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

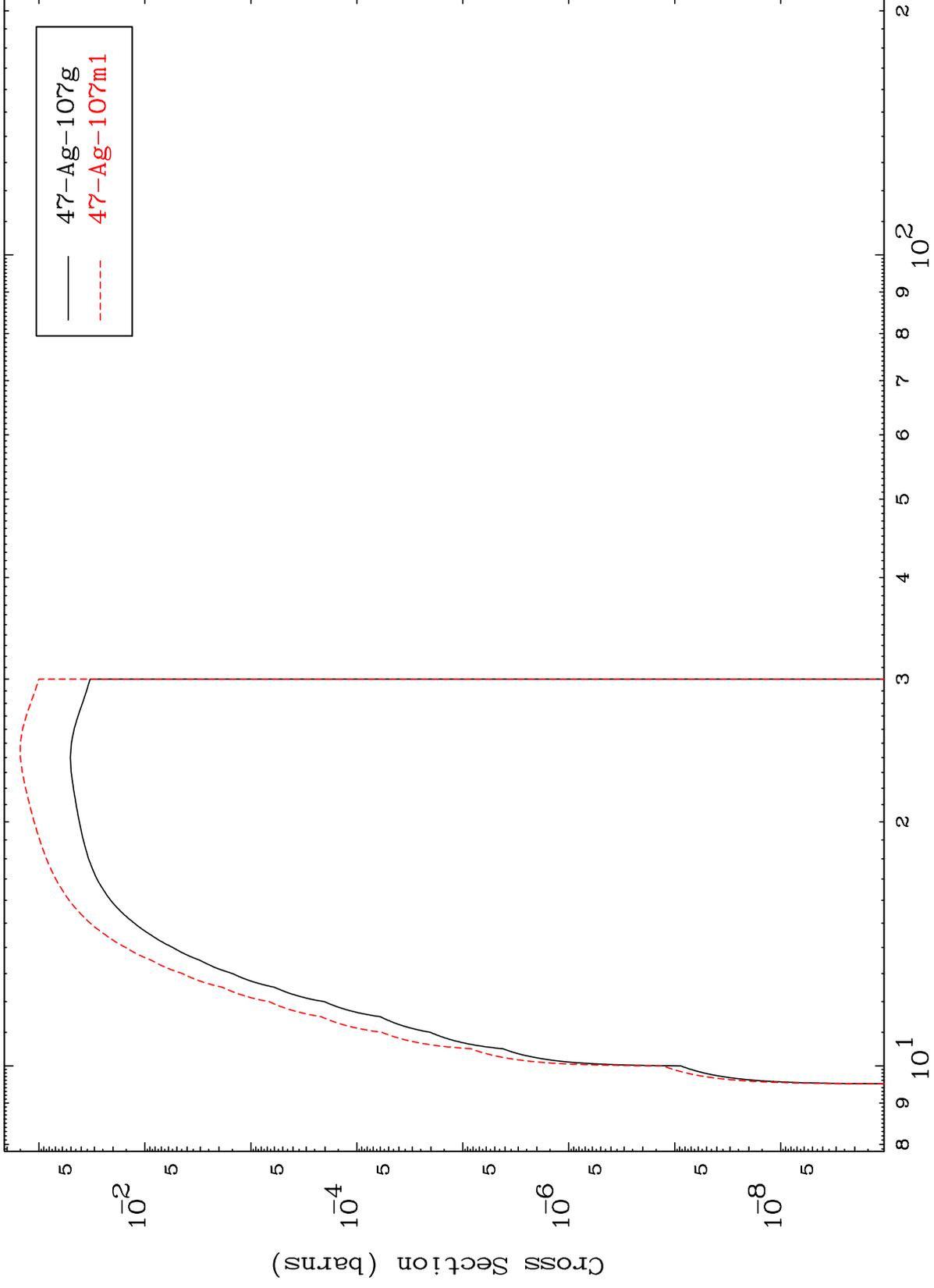
48-Cd-108

MAT 4831

(n,n') p

48-Cd-108

Radionuclide Production Cross Section



80

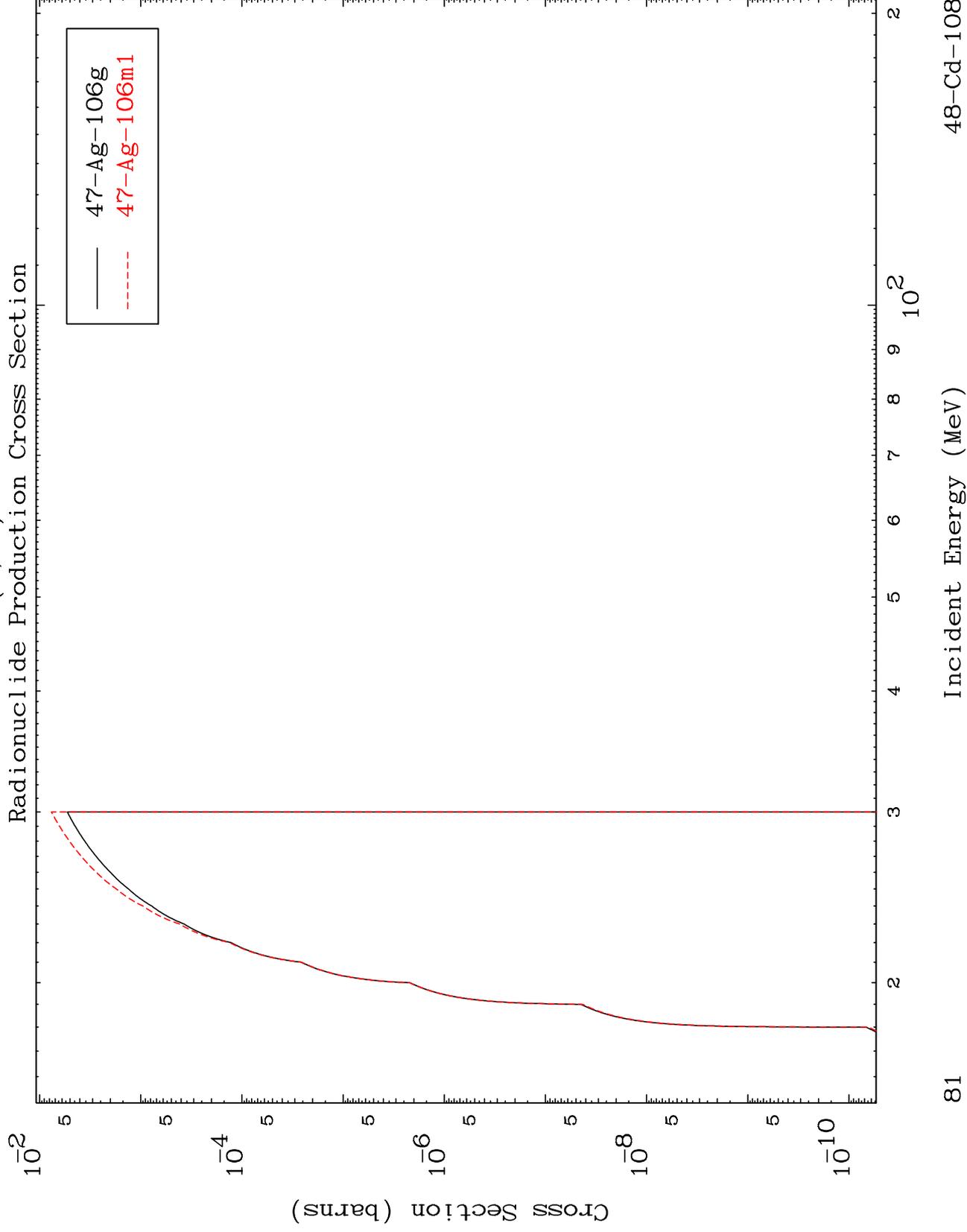
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,n') d

48-Cd-108



81

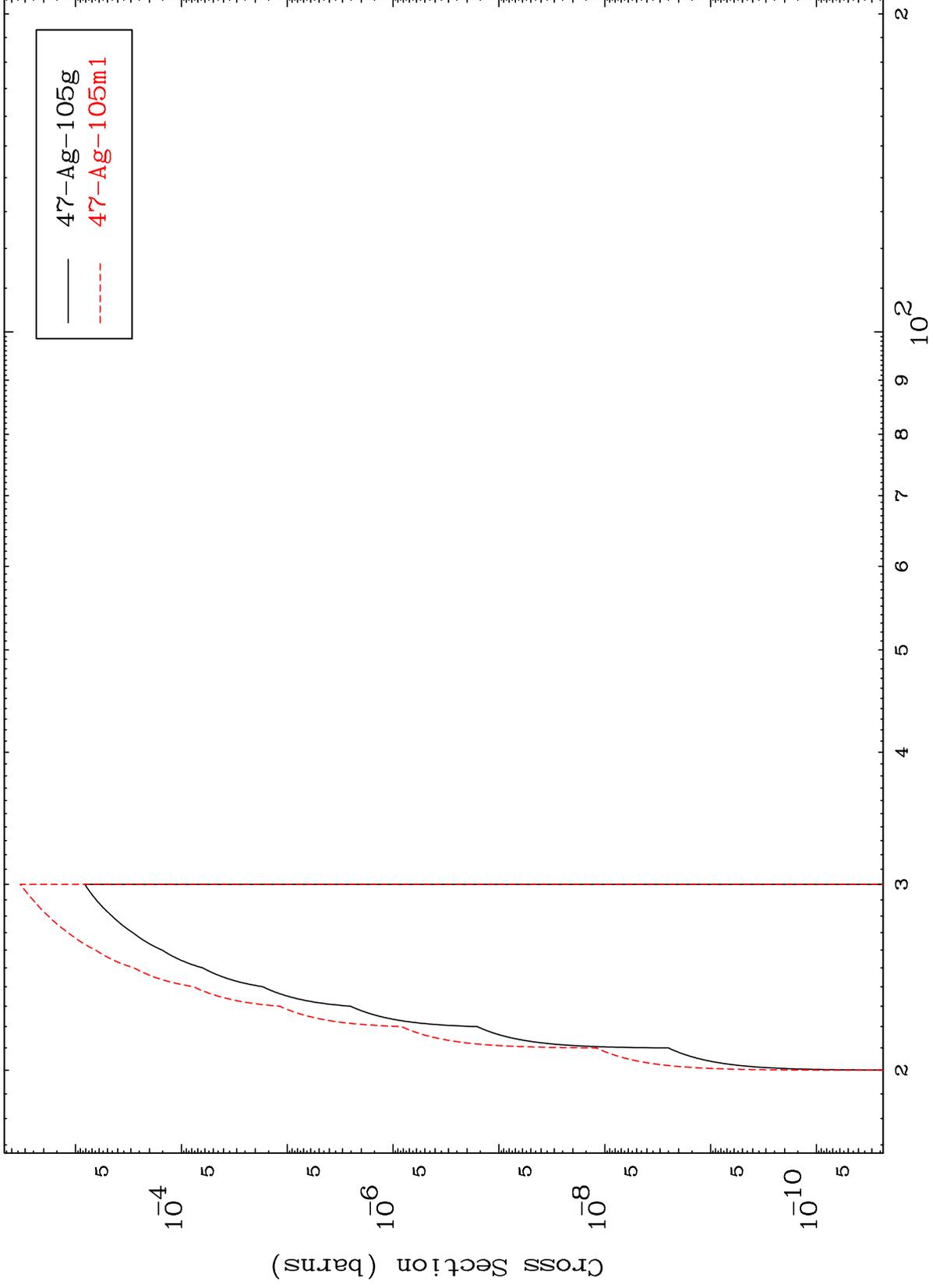
48-Cd-108

MAT 4831

(n,n') t

48-Cd-108

Radionuclide Production Cross Section



82

Incident Energy (MeV)

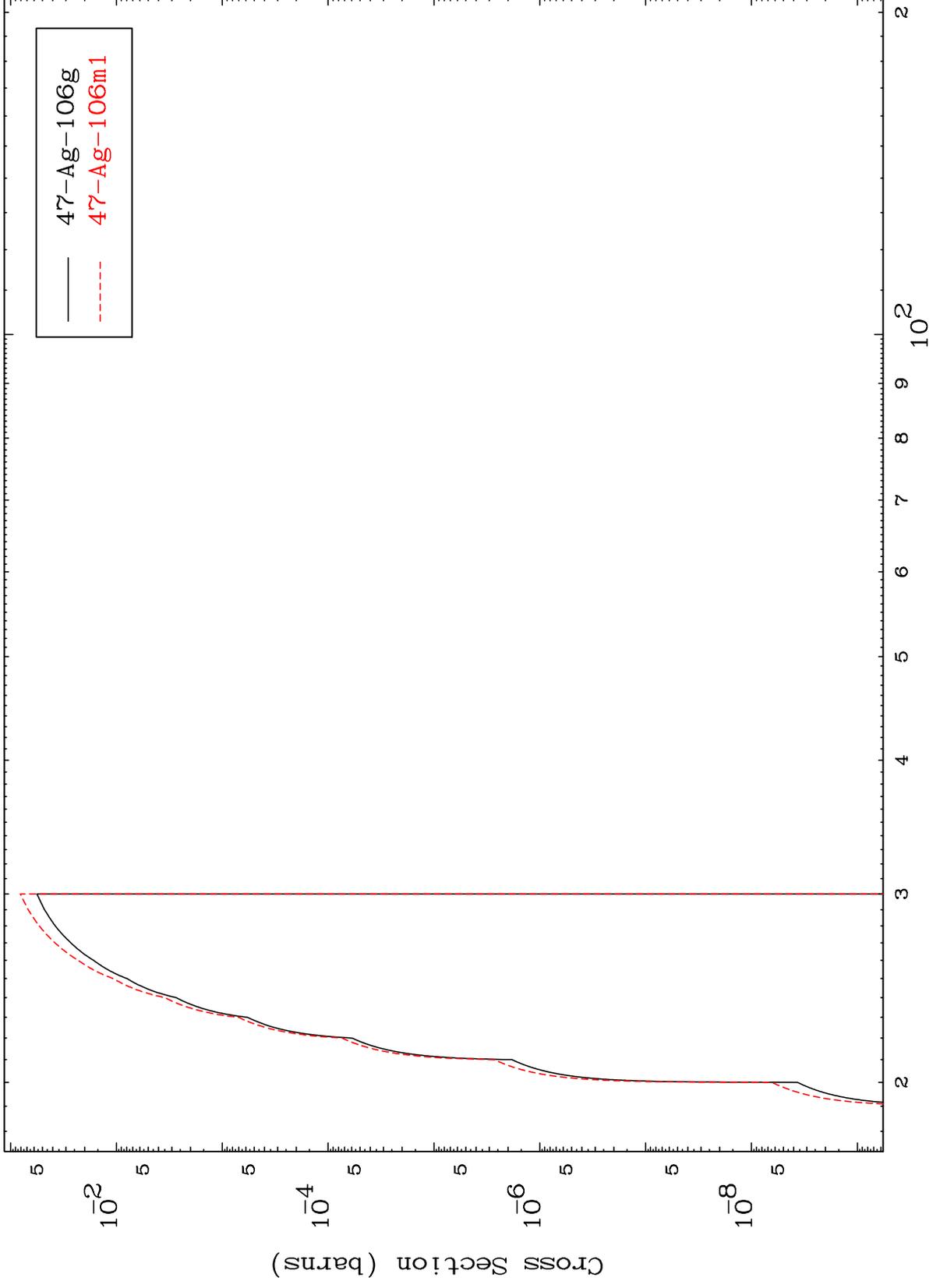
48-Cd-108

MAT 4831

(n,2n) p

48-Cd-108

Radionuclide Production Cross Section



83

Incident Energy (MeV)

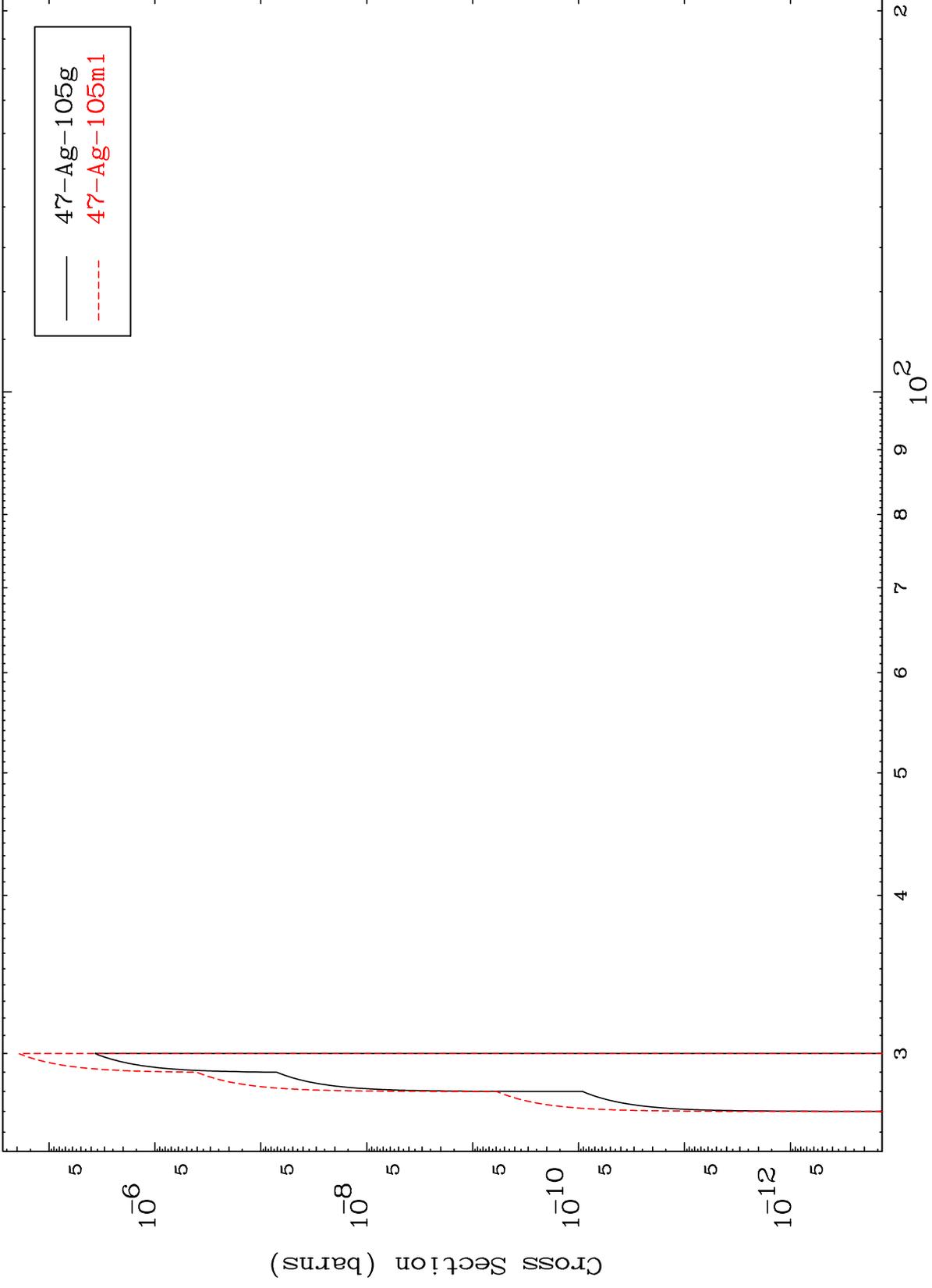
48-Cd-108

MAT 4831

(n,3n) p

48-Cd-108

Radionuclide Production Cross Section



84

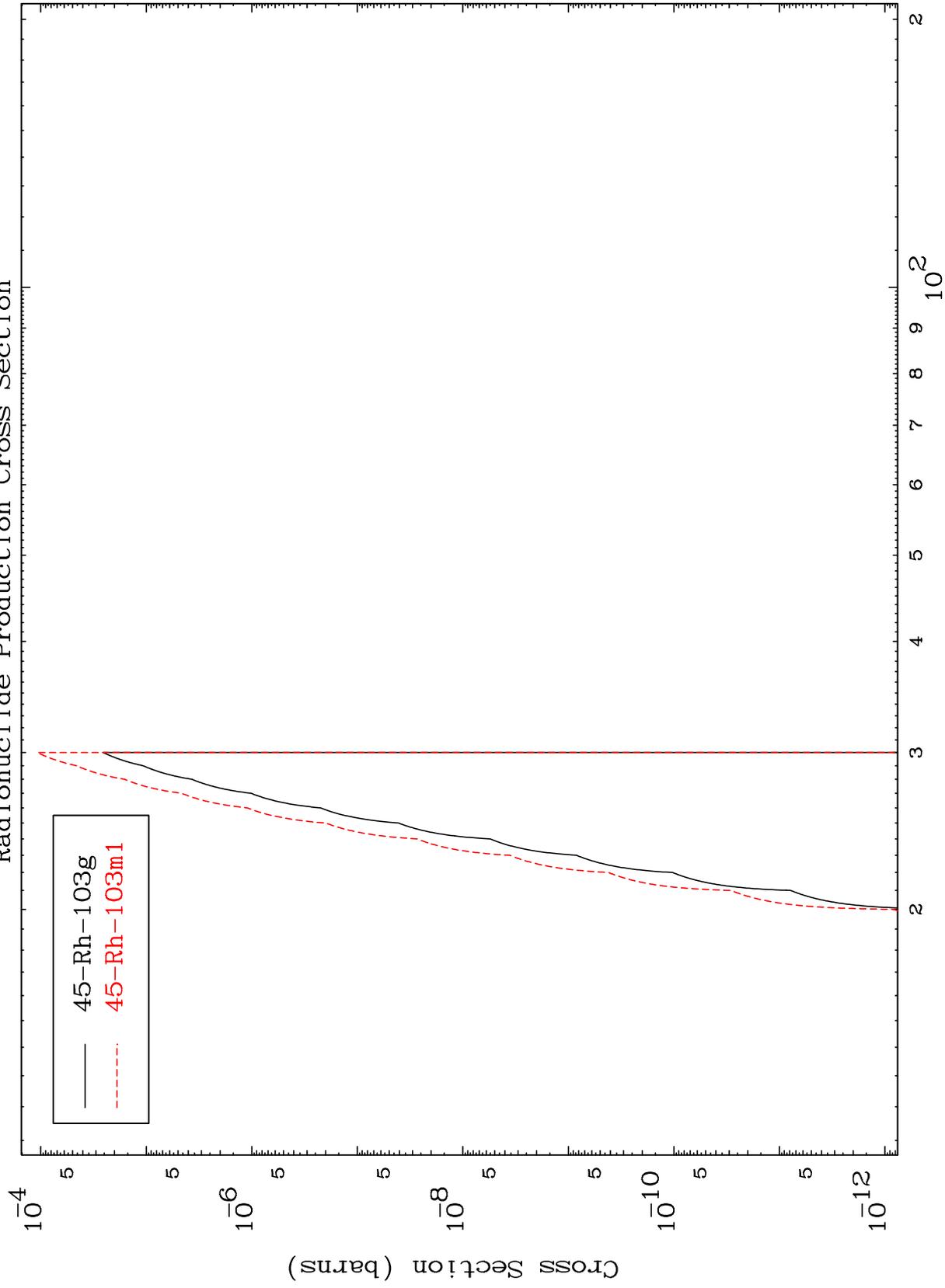
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

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



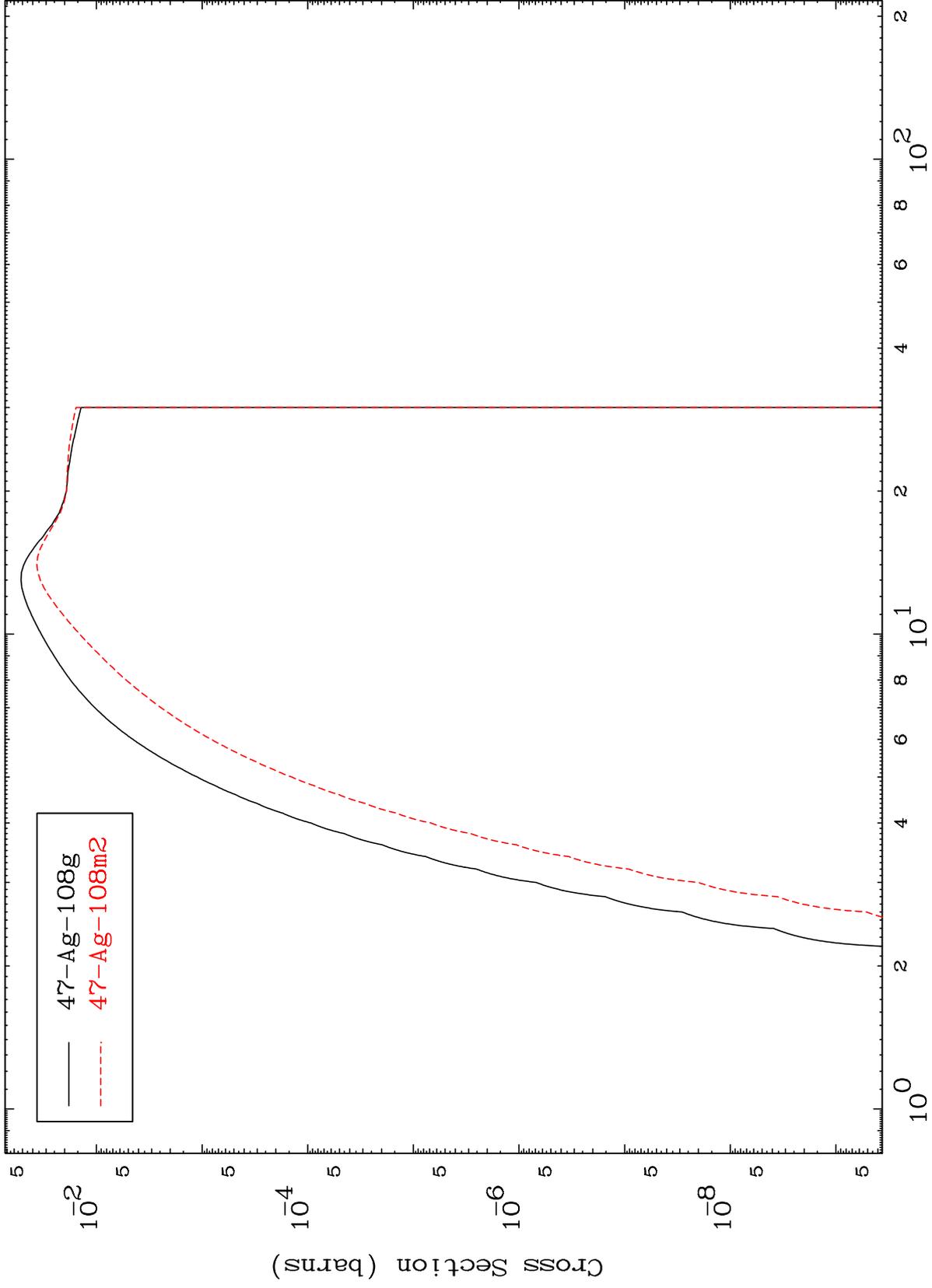
85

48-Cd-108

MAT 4831

48-Cd-108

(n,p)
Radionuclide Production Cross Section



86

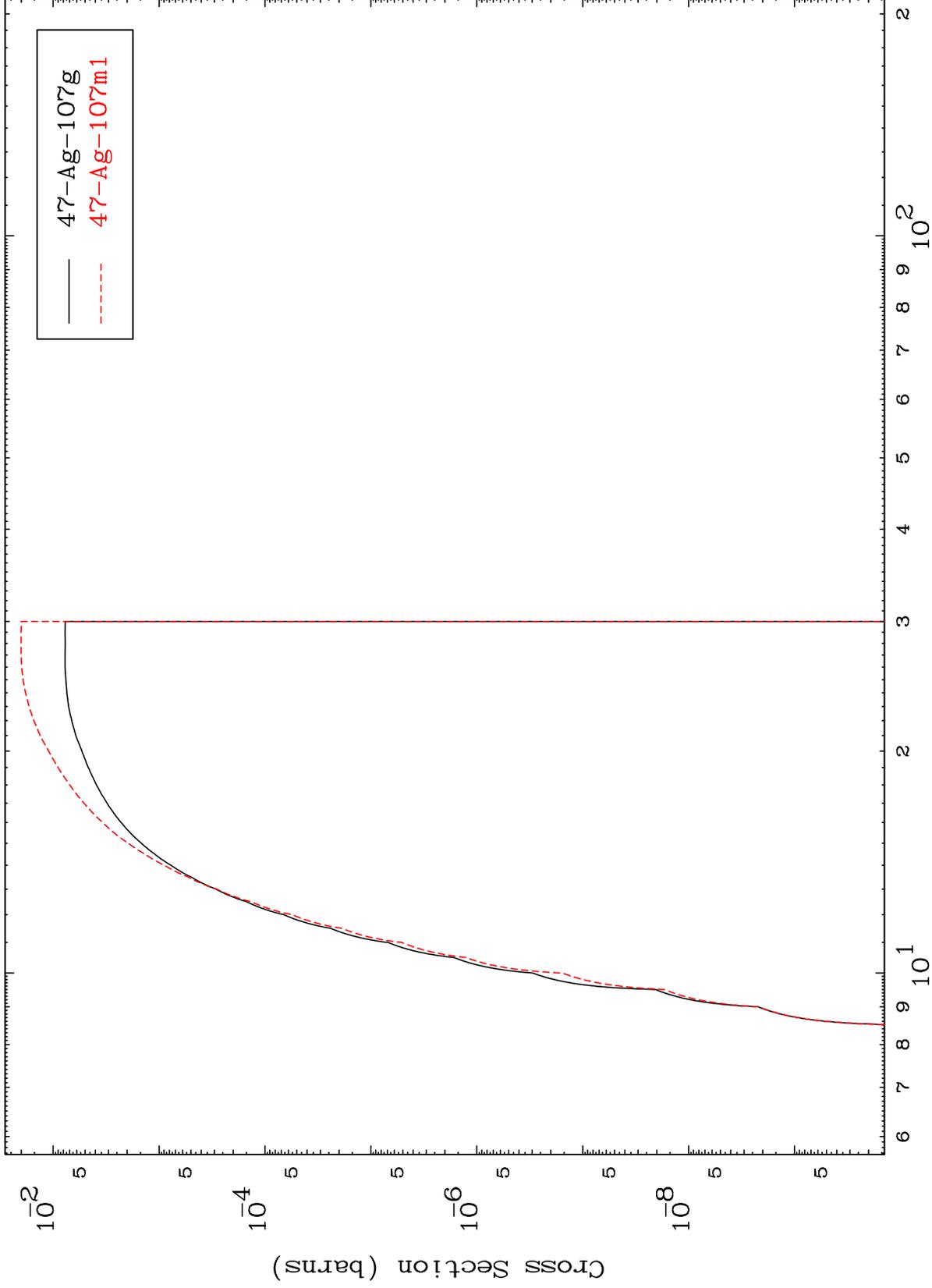
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,d)
Radionuclide Production Cross Section



87

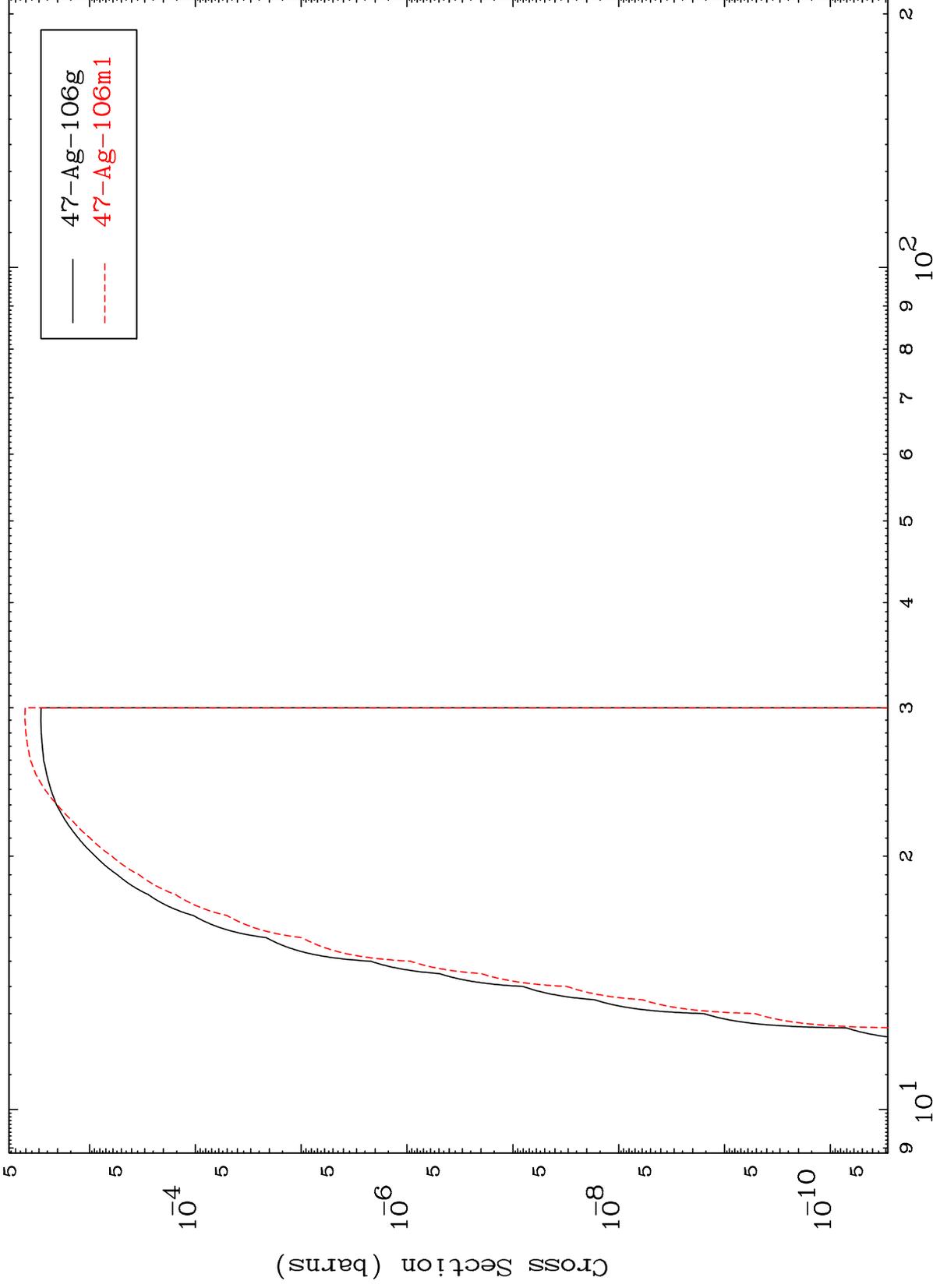
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n, t)
Radionuclide Production Cross Section



88

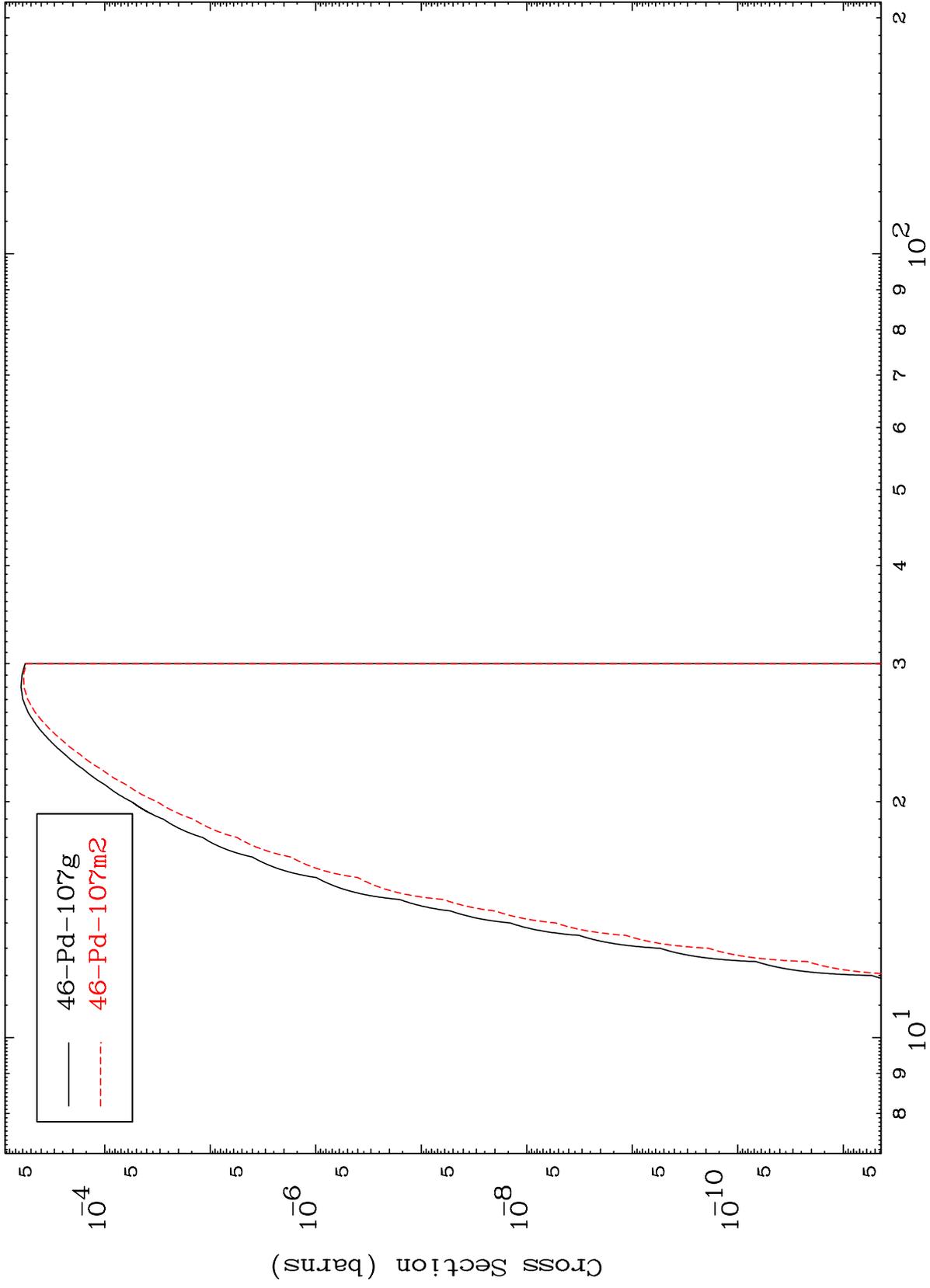
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,2p)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

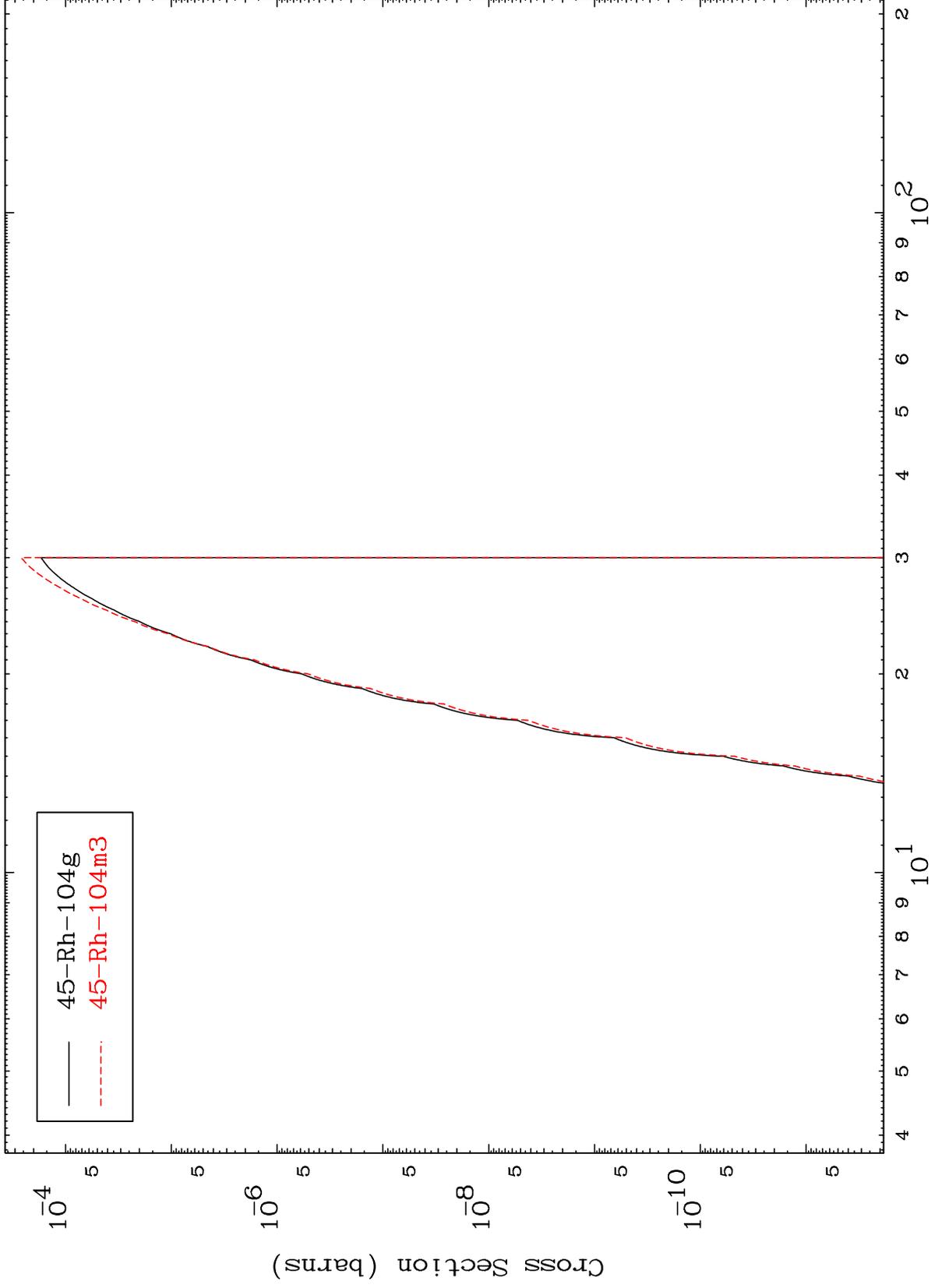
48-Cd-108

MAT 4831

(n,p) α

48-Cd-108

Radionuclide Production Cross Section



— 45-Rh-104g
- - - 45-Rh-104m3

90

Incident Energy (MeV)

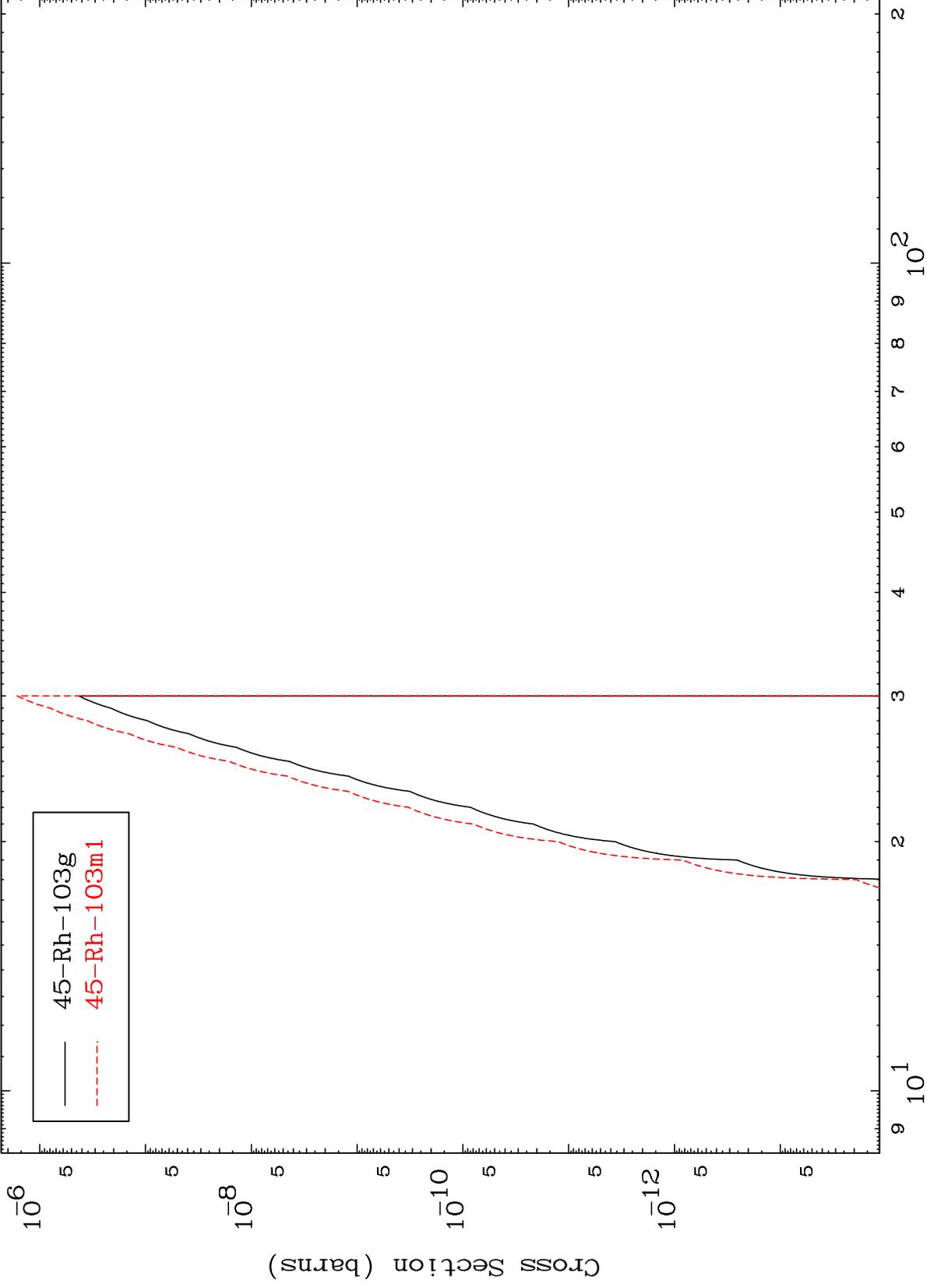
48-Cd-108

MAT 4831

(n,d) α

48-Cd-108

Radionuclide Production Cross Section



91

Incident Energy (MeV)

48-Cd-108