

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

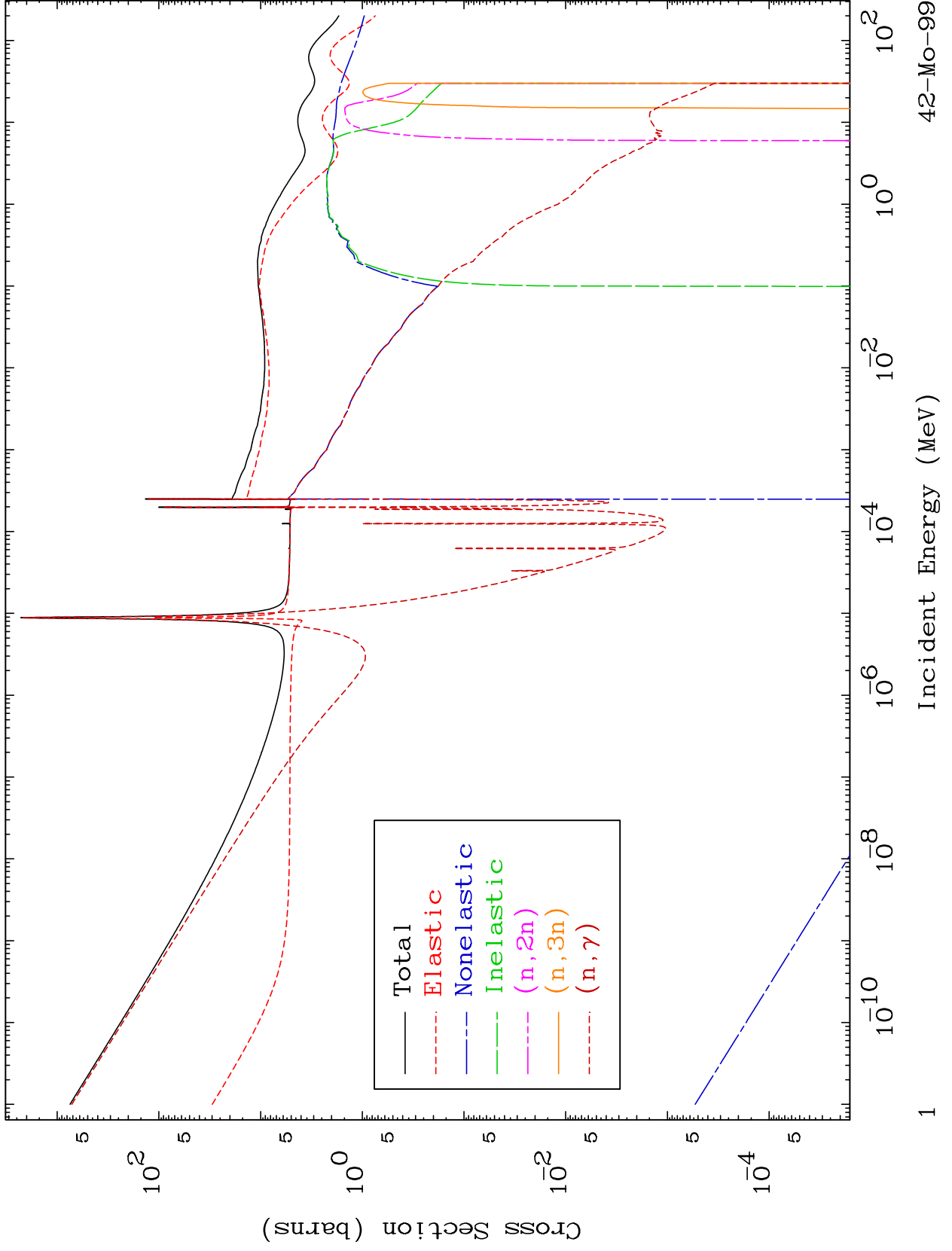
Web:redcullen1.net/HOMEPAGE.NEW

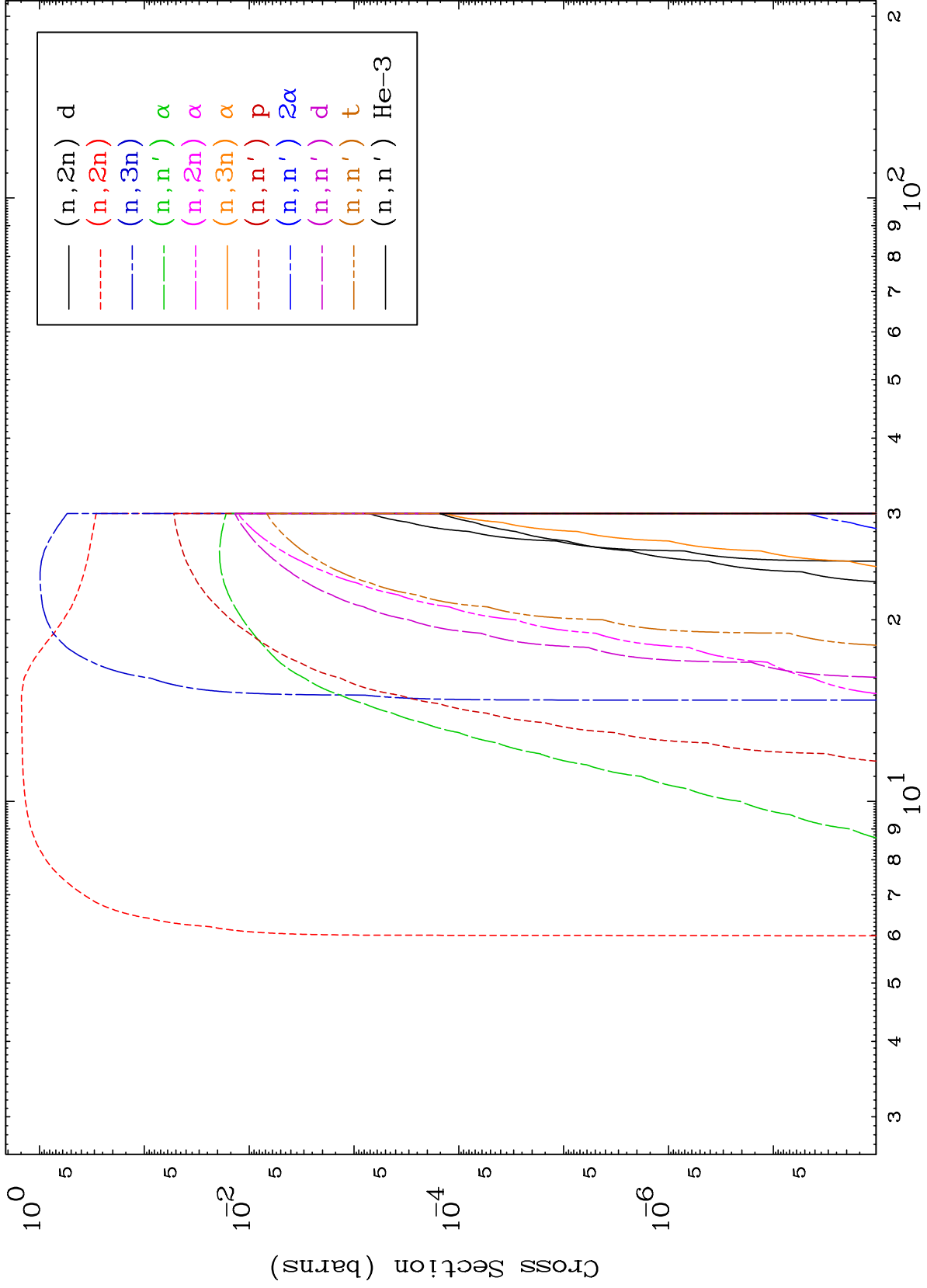
Press Mouse Button to Start

MAT 4246

Neutron Major
293 Kelvin Cross Sections

42-Mo-99

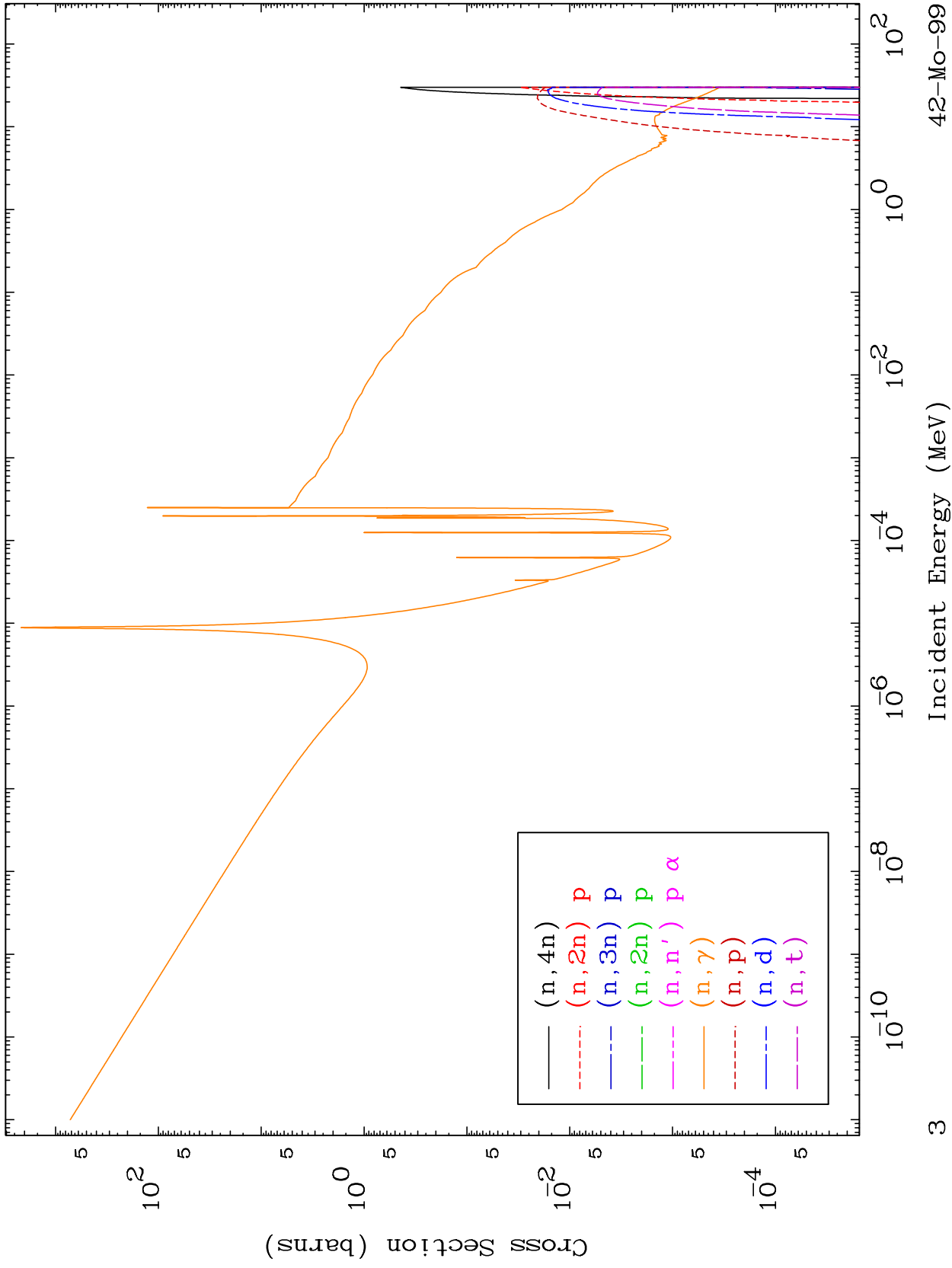




MAT 4246

Neutron Absorption
293 Kelvin Cross Sections

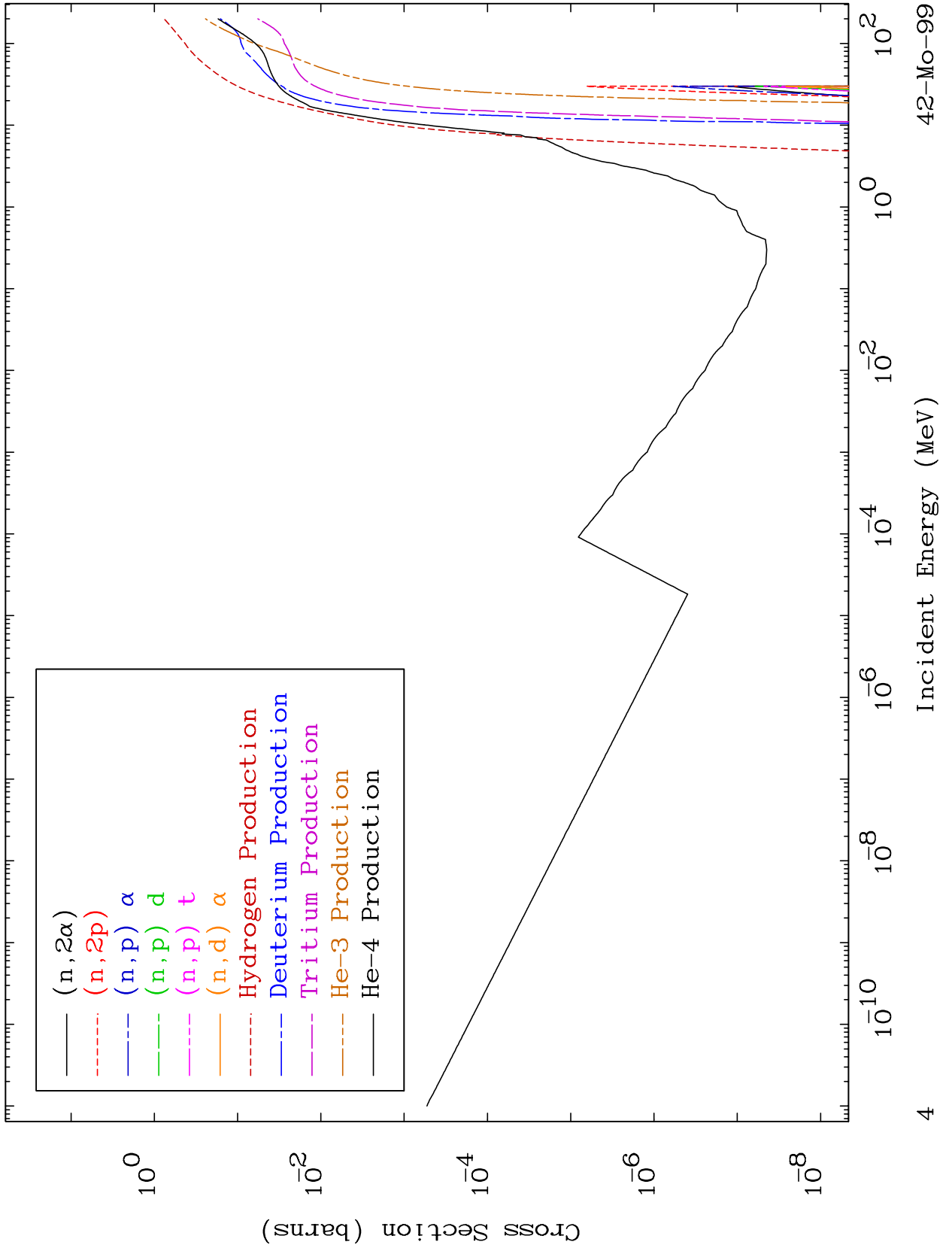
42-Mo-99

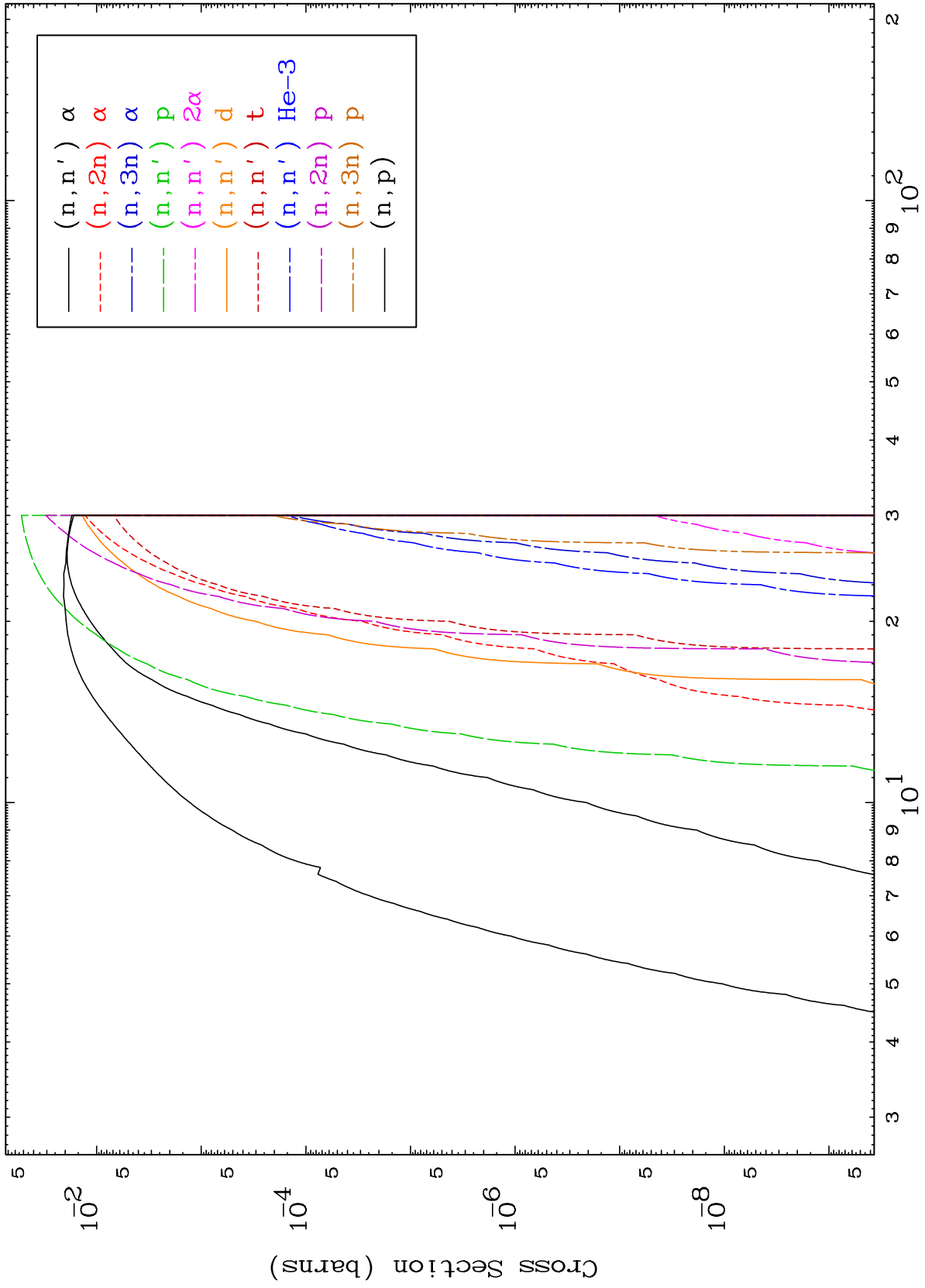


MAT 4246

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-99

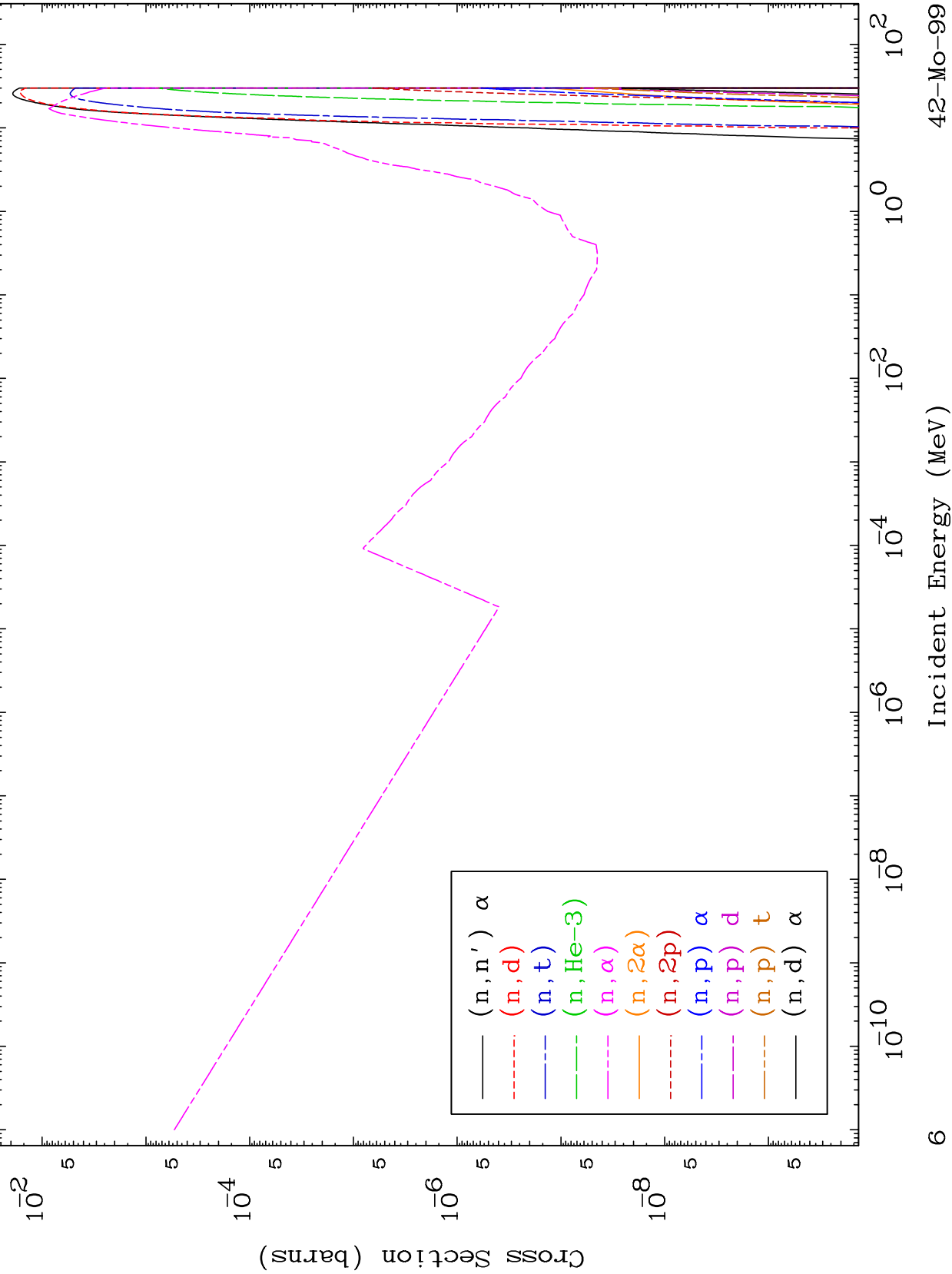




MAT 4246

Charged Particle
293 Kelvin Cross Sections

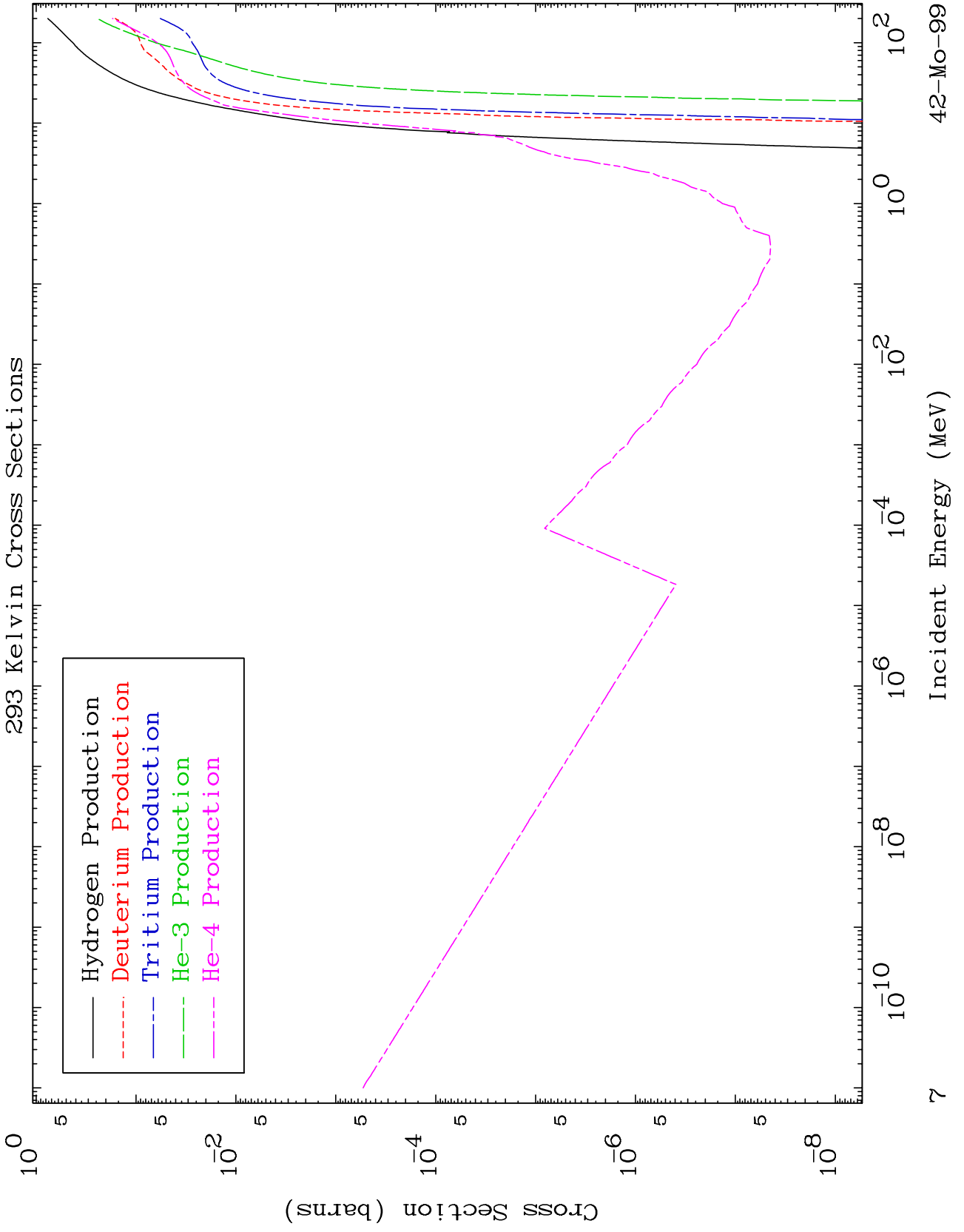
42-Mo-99



MAT 4246

Particle Production
293 Kelvin Cross Sections

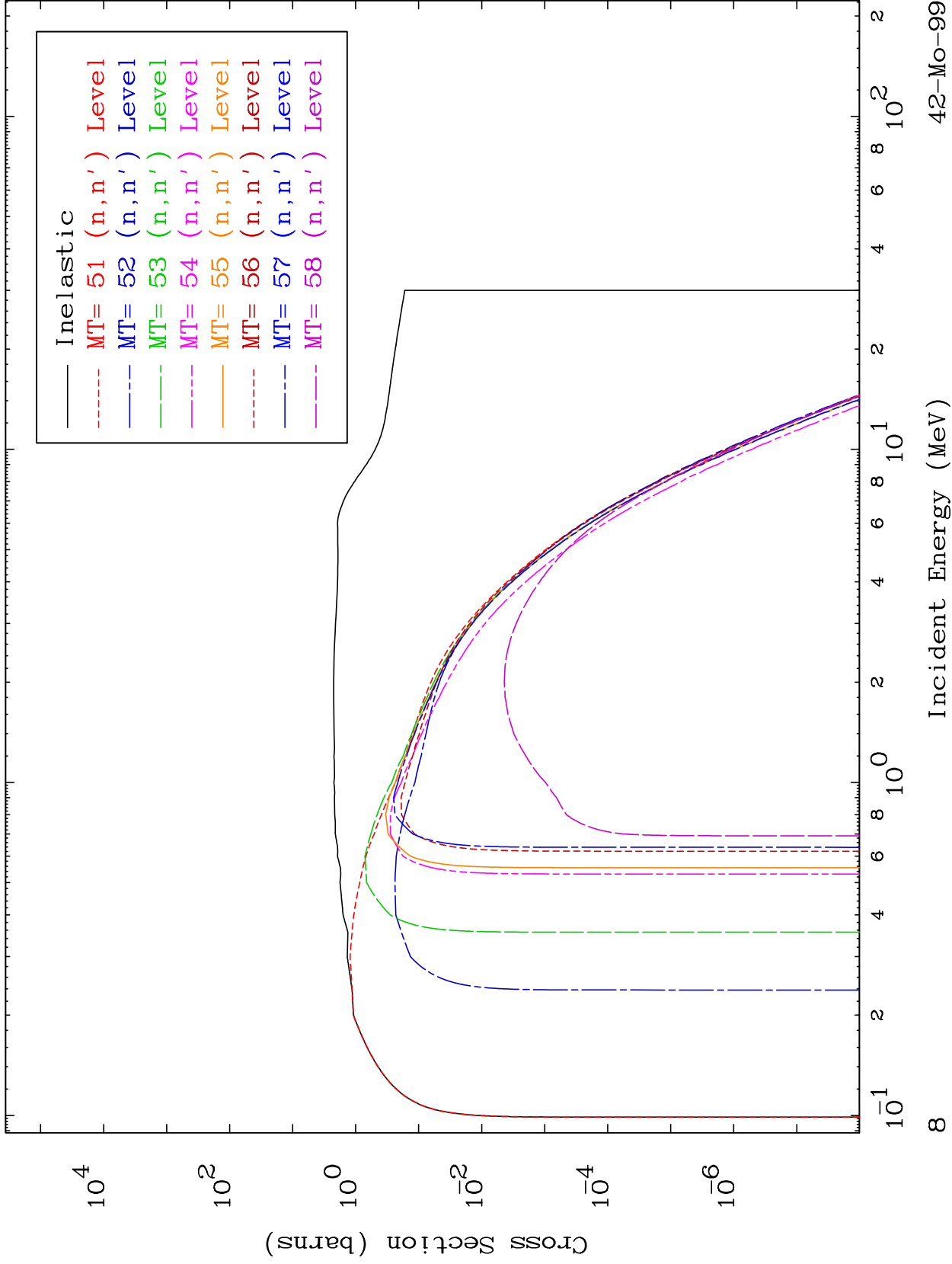
42-Mo-99



MAT 4246

(n,n') Levels
293 Kelvin Cross Sections

42-Mo-99

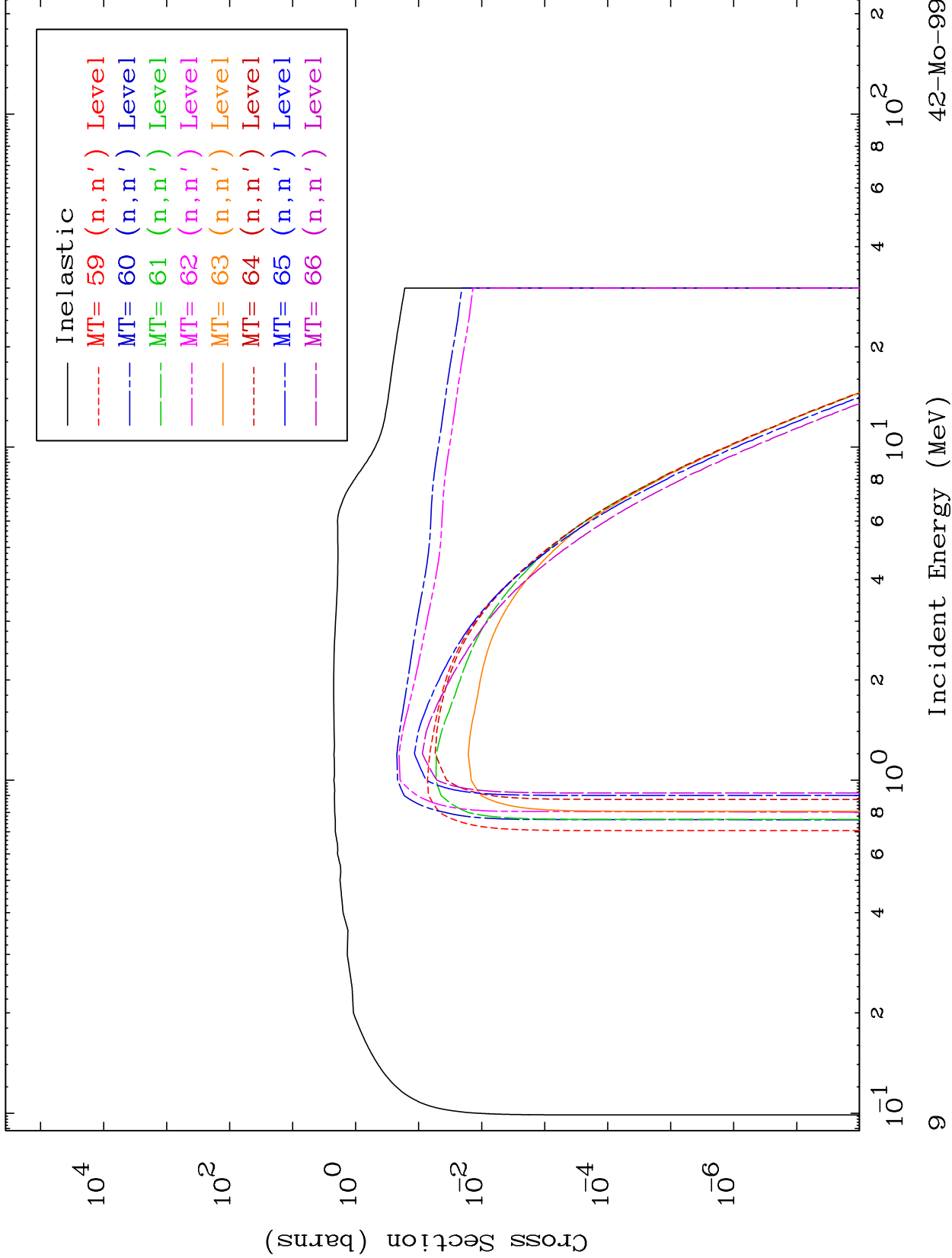


42-Mo-99

MAT 4246

(n,n') Levels
293 Kelvin Cross Sections

42-Mo-99



42-Mo-99

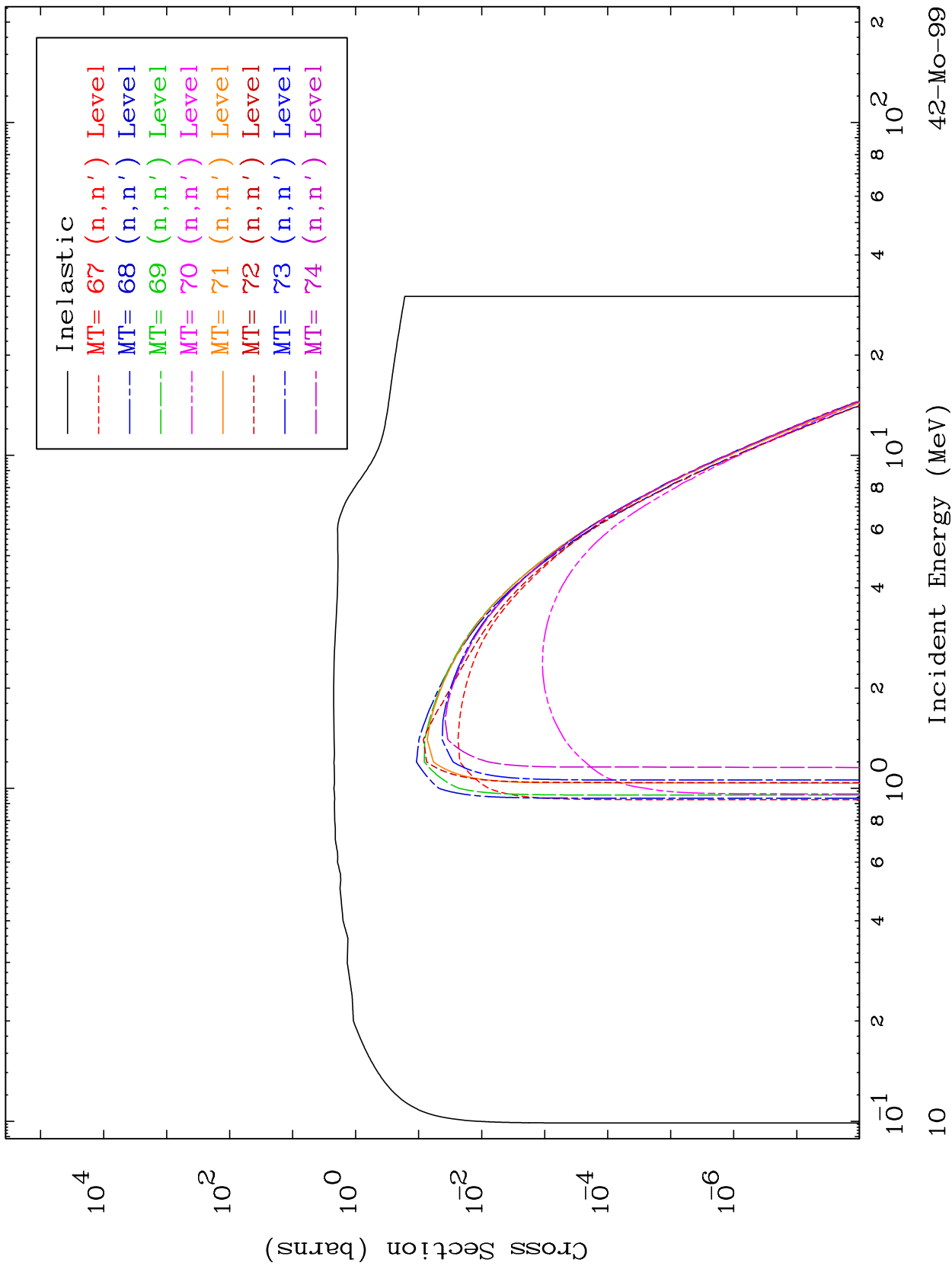
Incident Energy (MeV)

9

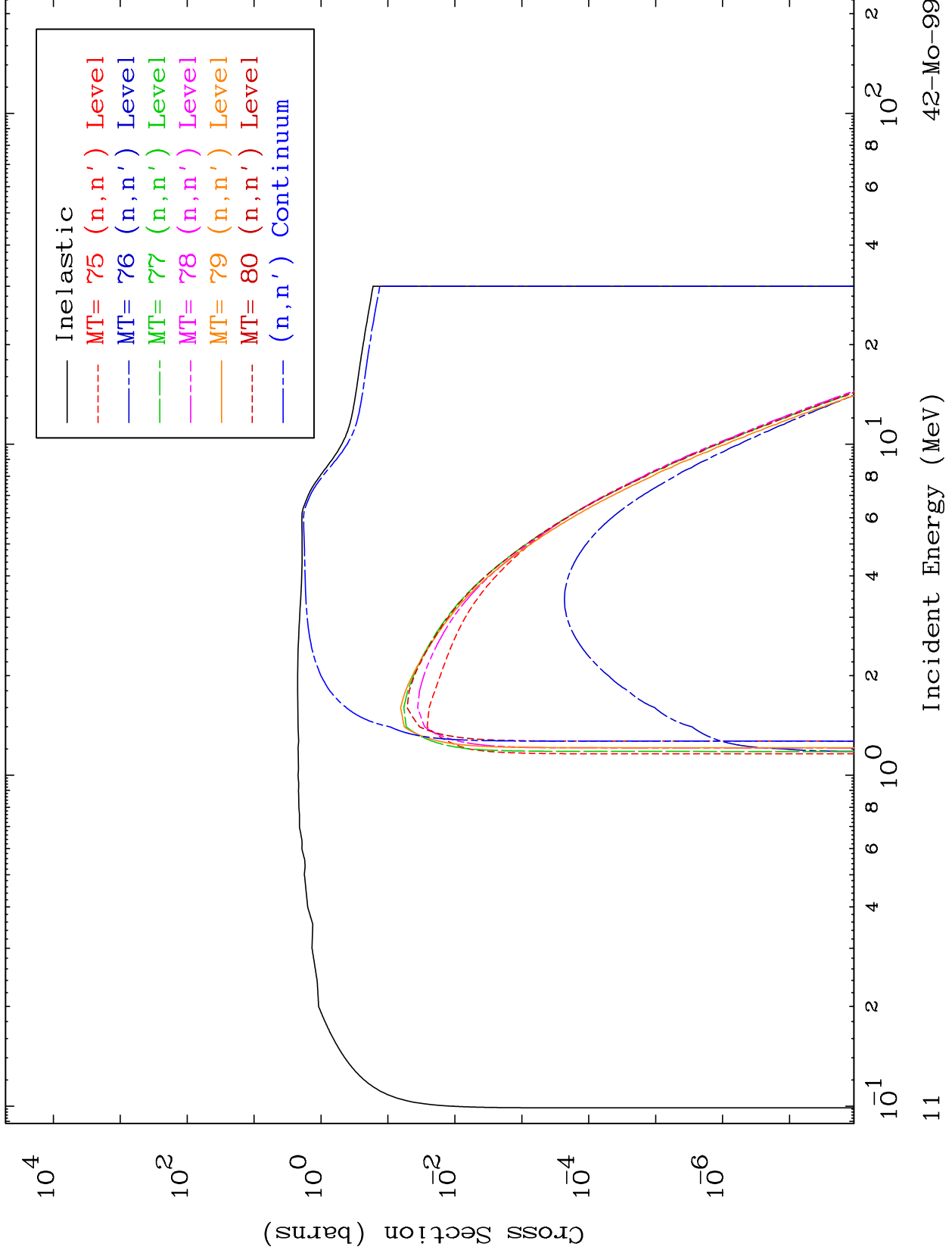
MAT 4246

(n,n') Levels
293 Kelvin Cross Sections

42-Mo-99



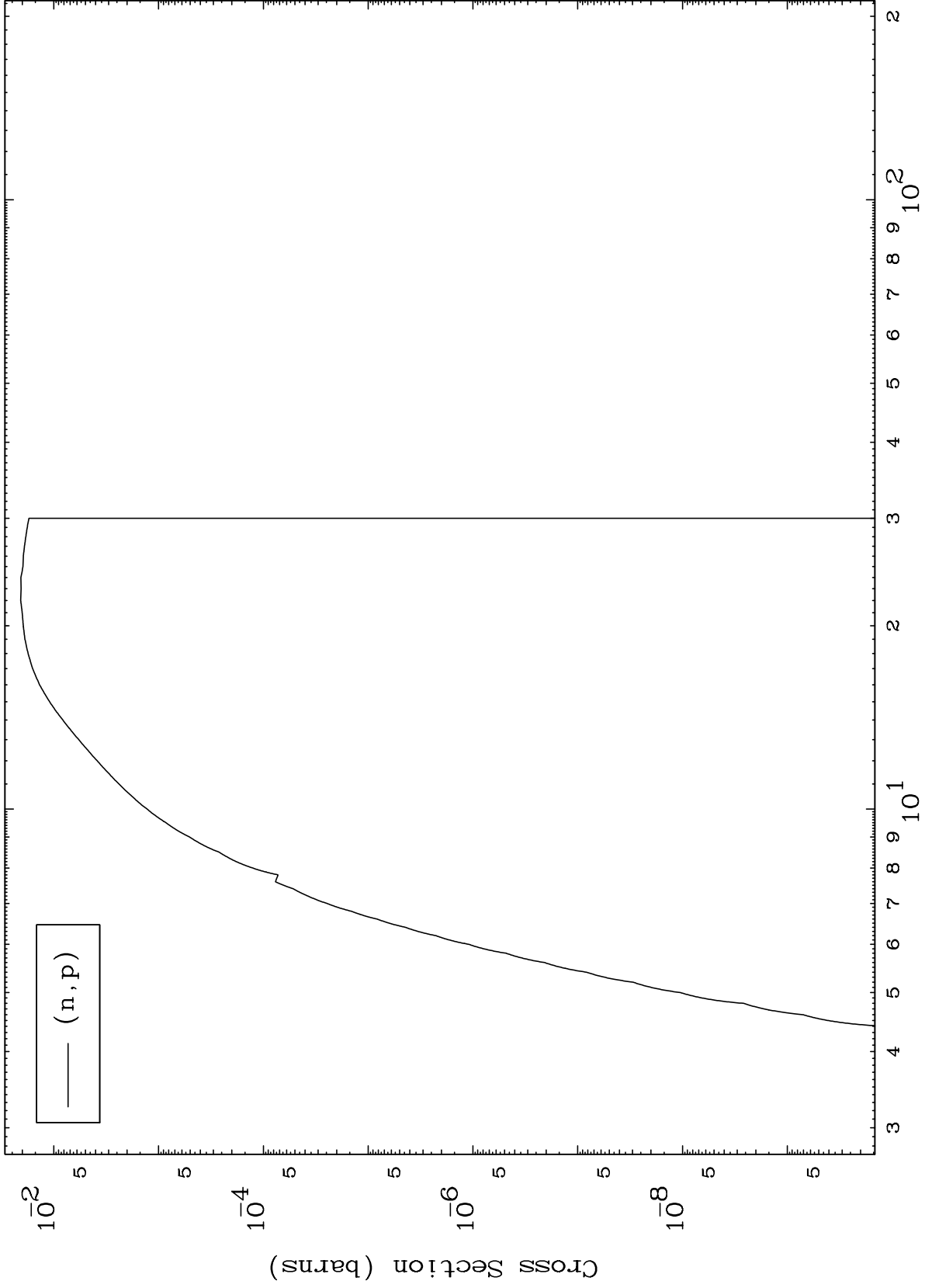
42-Mo-99



MAT 4246

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-99



12

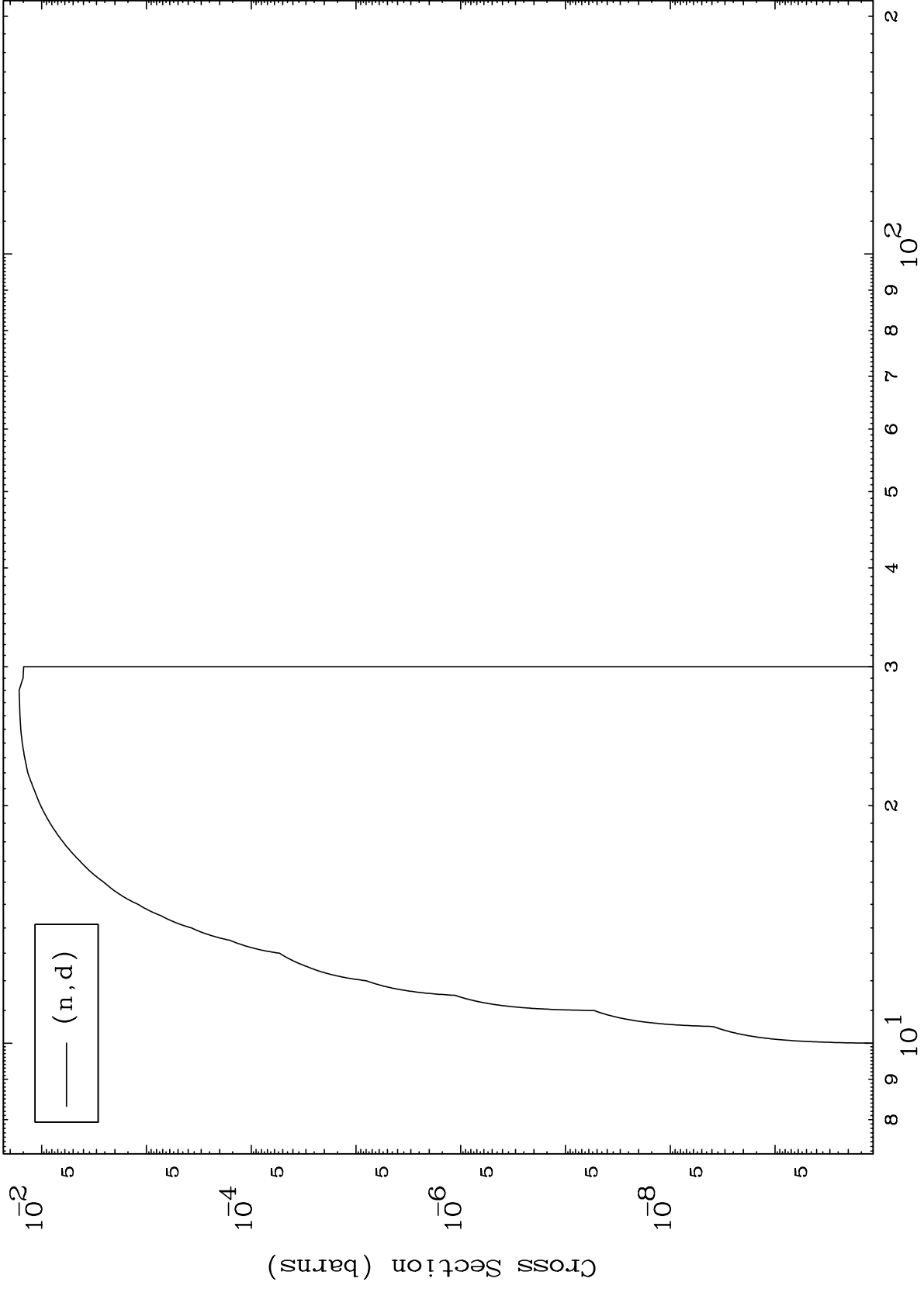
Incident Energy (MeV)

42-Mo-99

MAT 4246

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-99



13

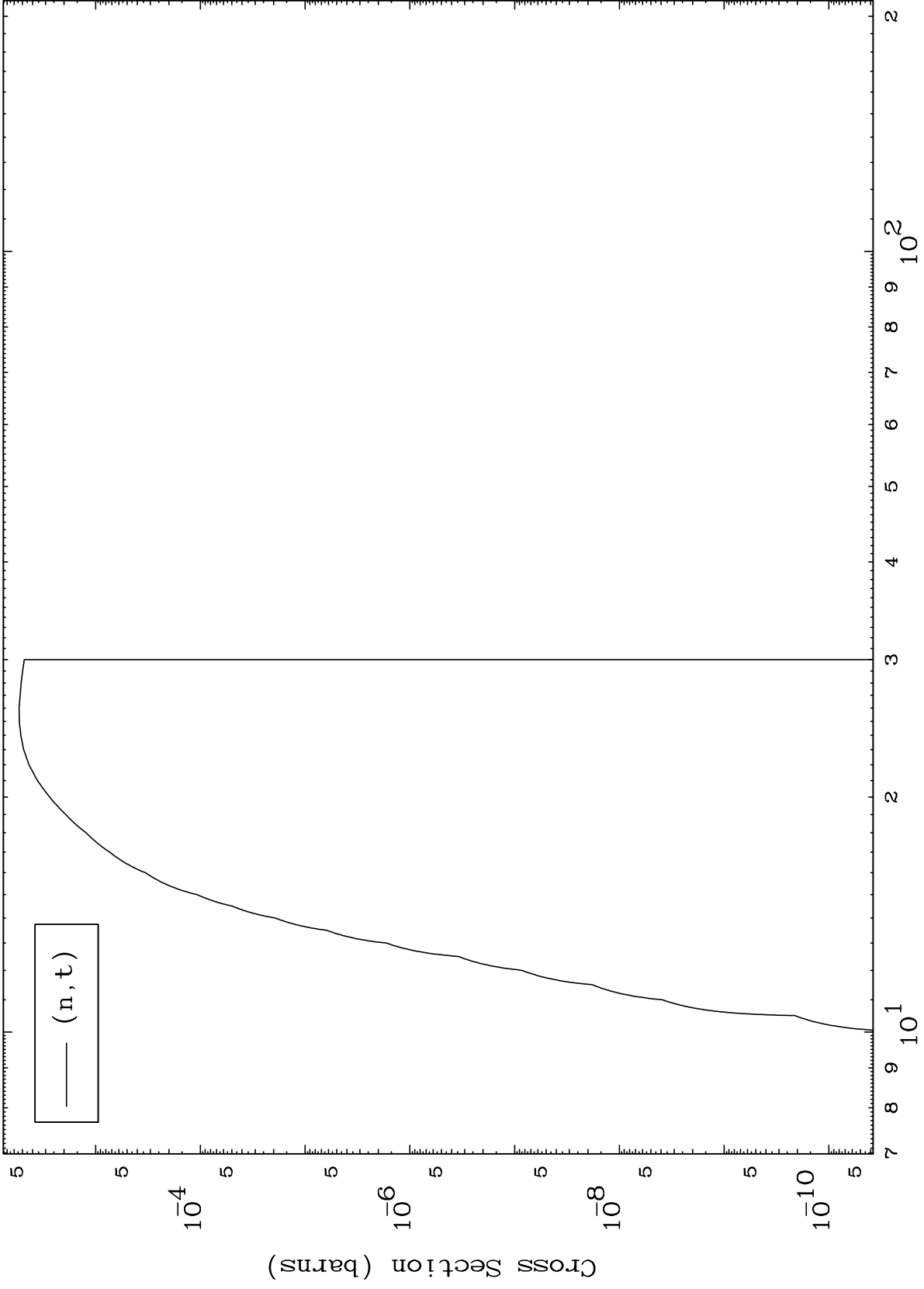
Incident Energy (MeV)

42-Mo-99

MAT 4246

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-99



14

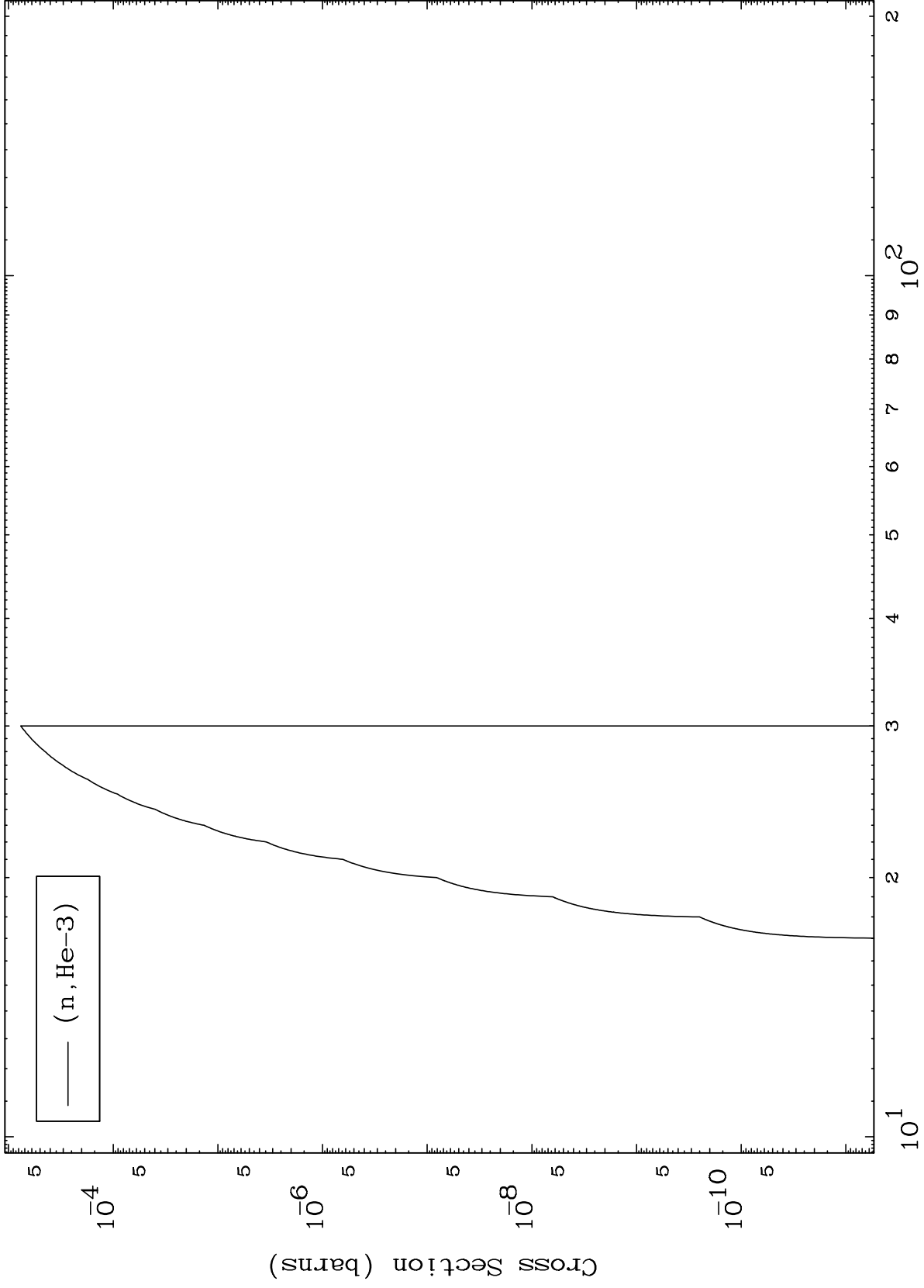
Incident Energy (MeV)

42-Mo-99

MAT 4246

(n,He3) Levels
293 Kelvin Cross Sections

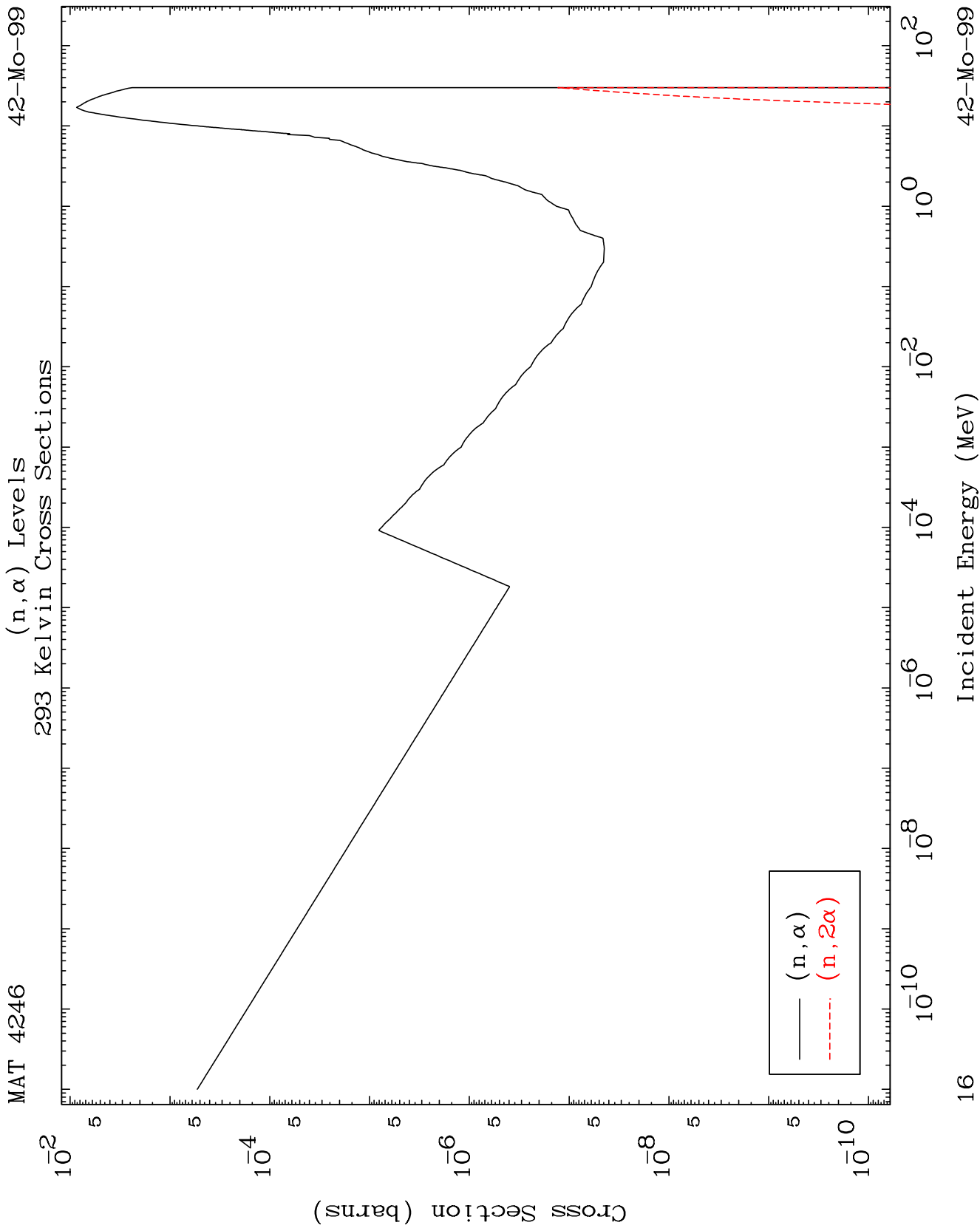
42-Mo-99



15

Incident Energy (MeV)

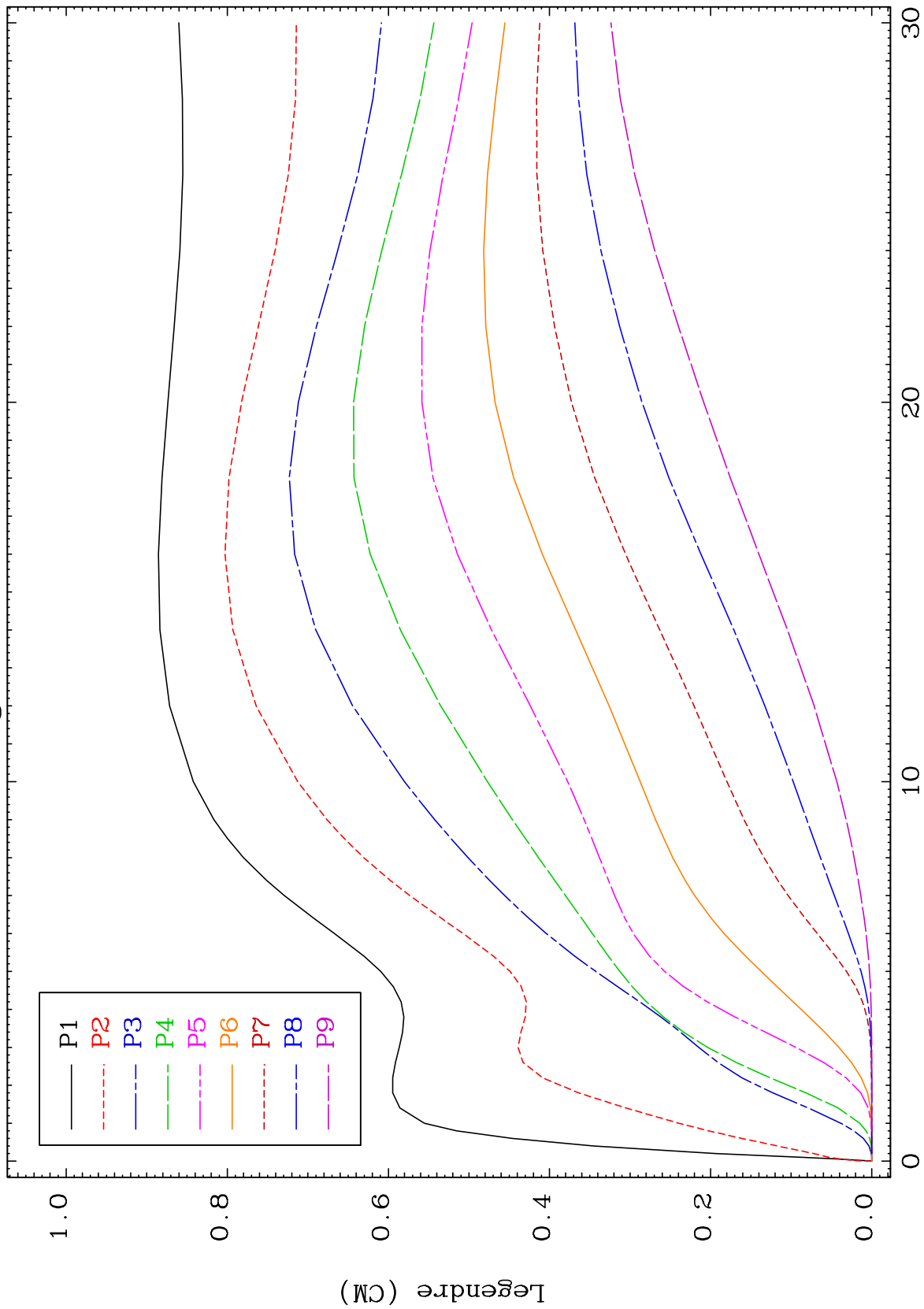
42-Mo-99



MAT 4246

Elastic Legendre Coefficients

42-Mo-99



17

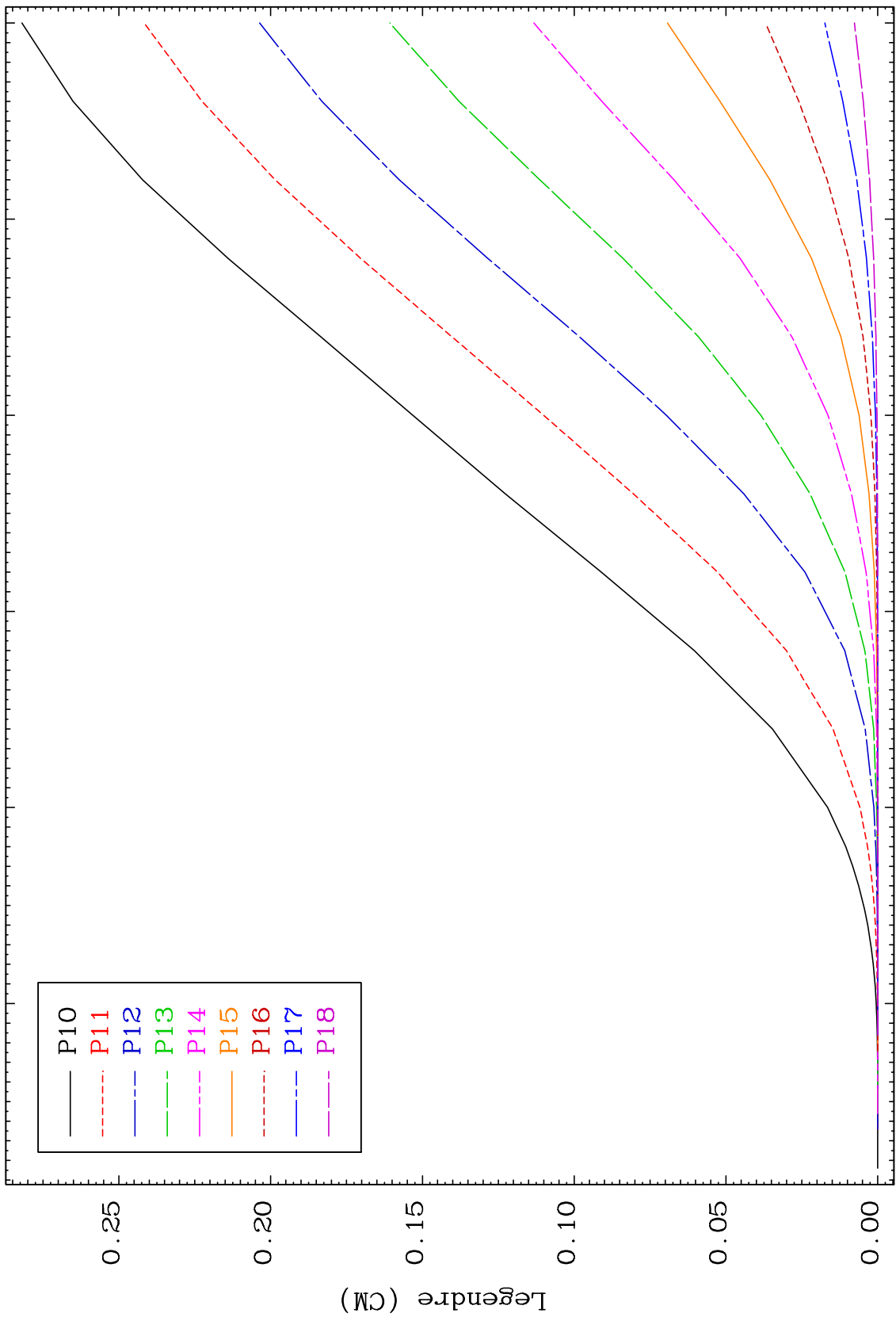
Incident Energy (MeV)

42-Mo-99

MAT 4246

Elastic Legendre Coefficients

42-Mo-99



18

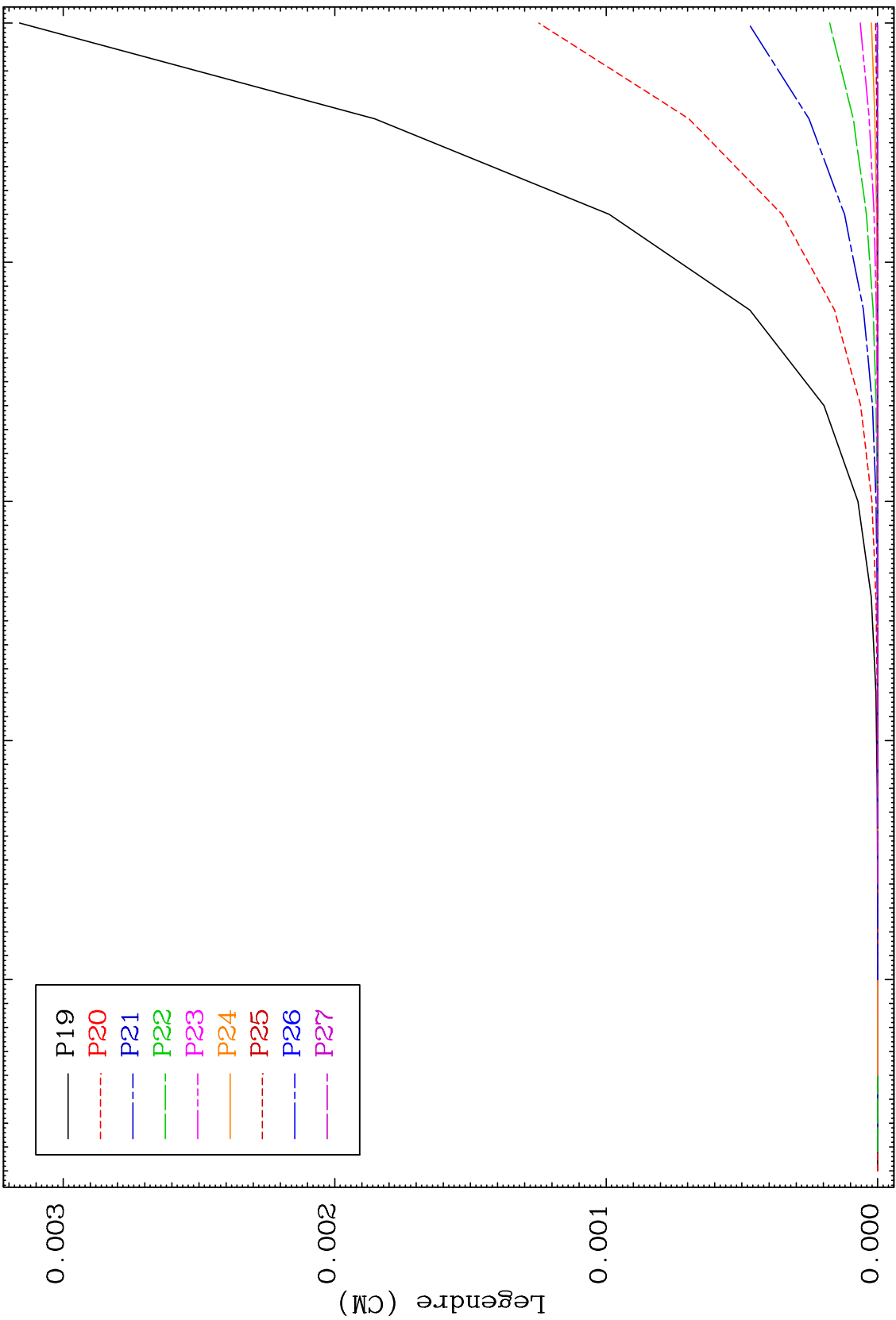
Incident Energy (MeV)

42-Mo-99

MAT 4246

Elastic Legendre Coefficients

42-Mo-99



19

Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

Elastic Legendre Coefficients



20

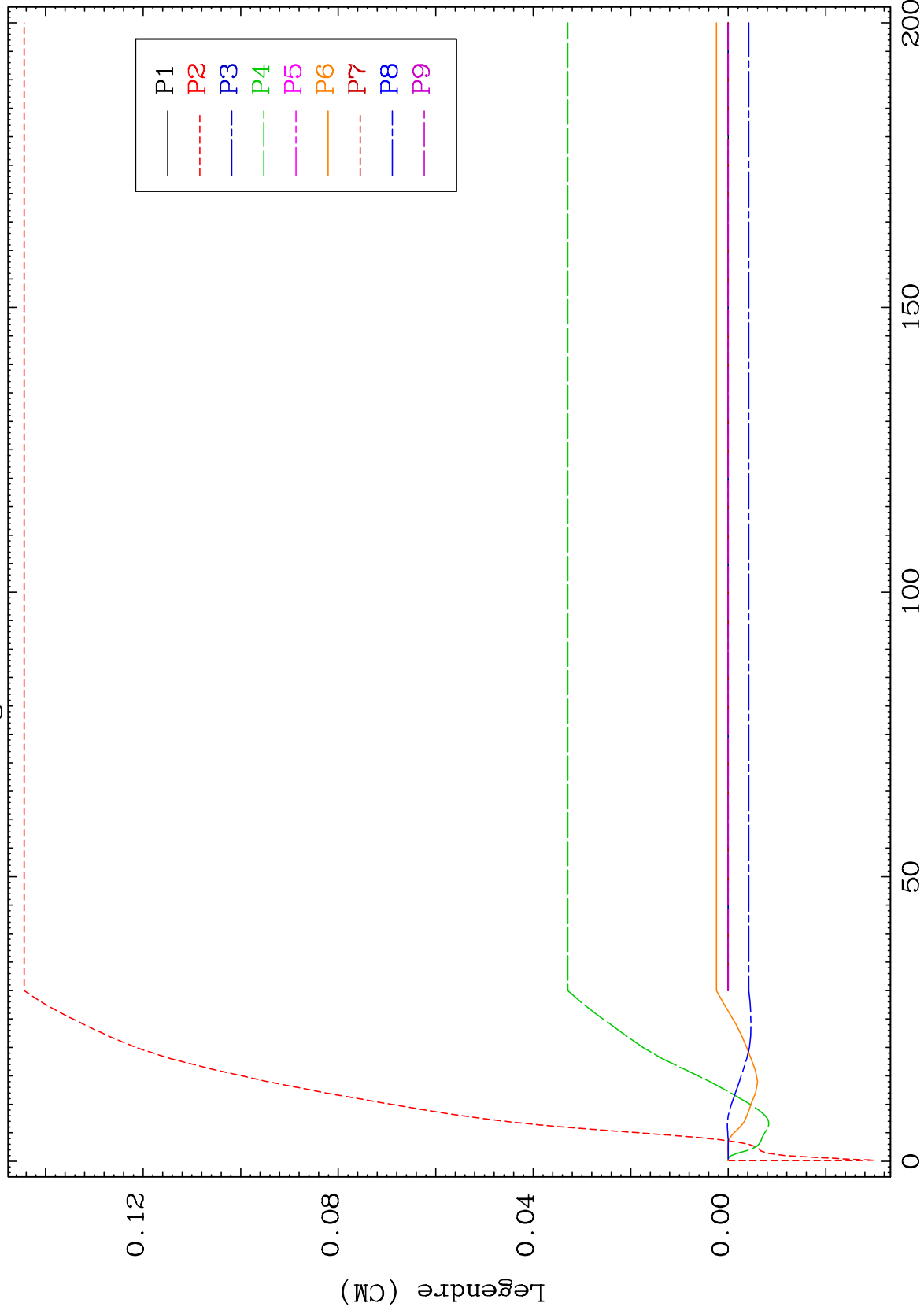
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

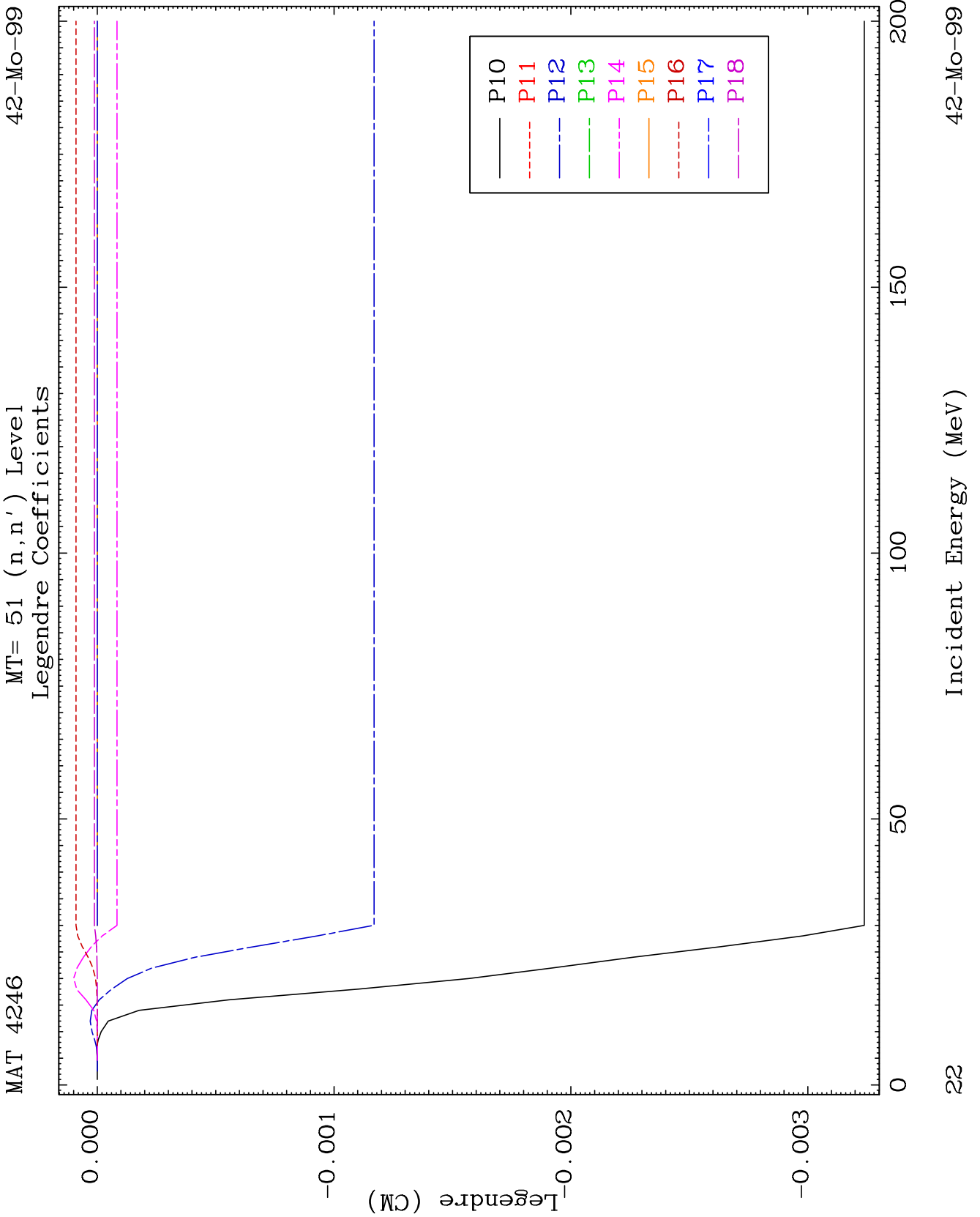
42-Mo-99

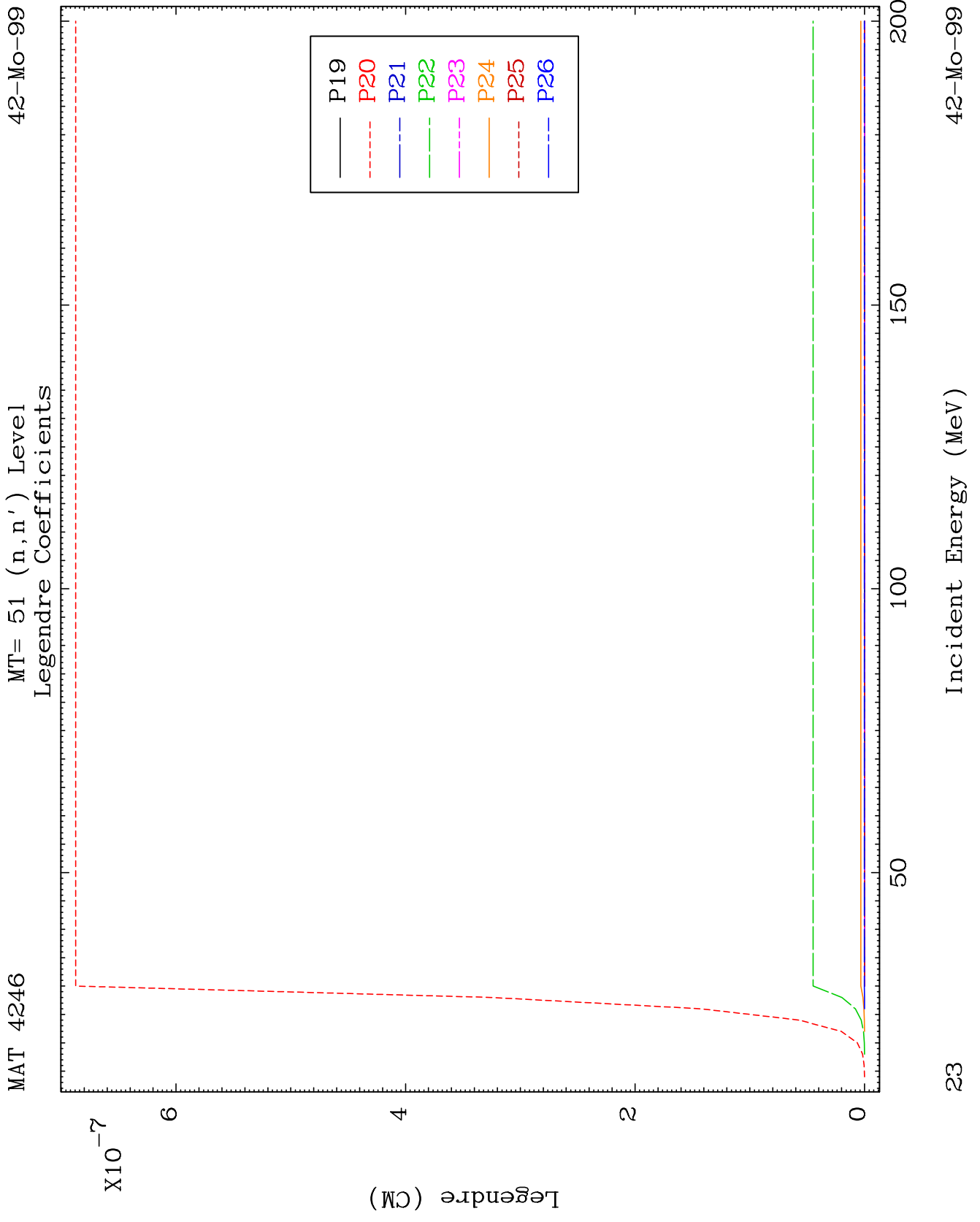


21

Incident Energy (MeV)

42-Mo-99

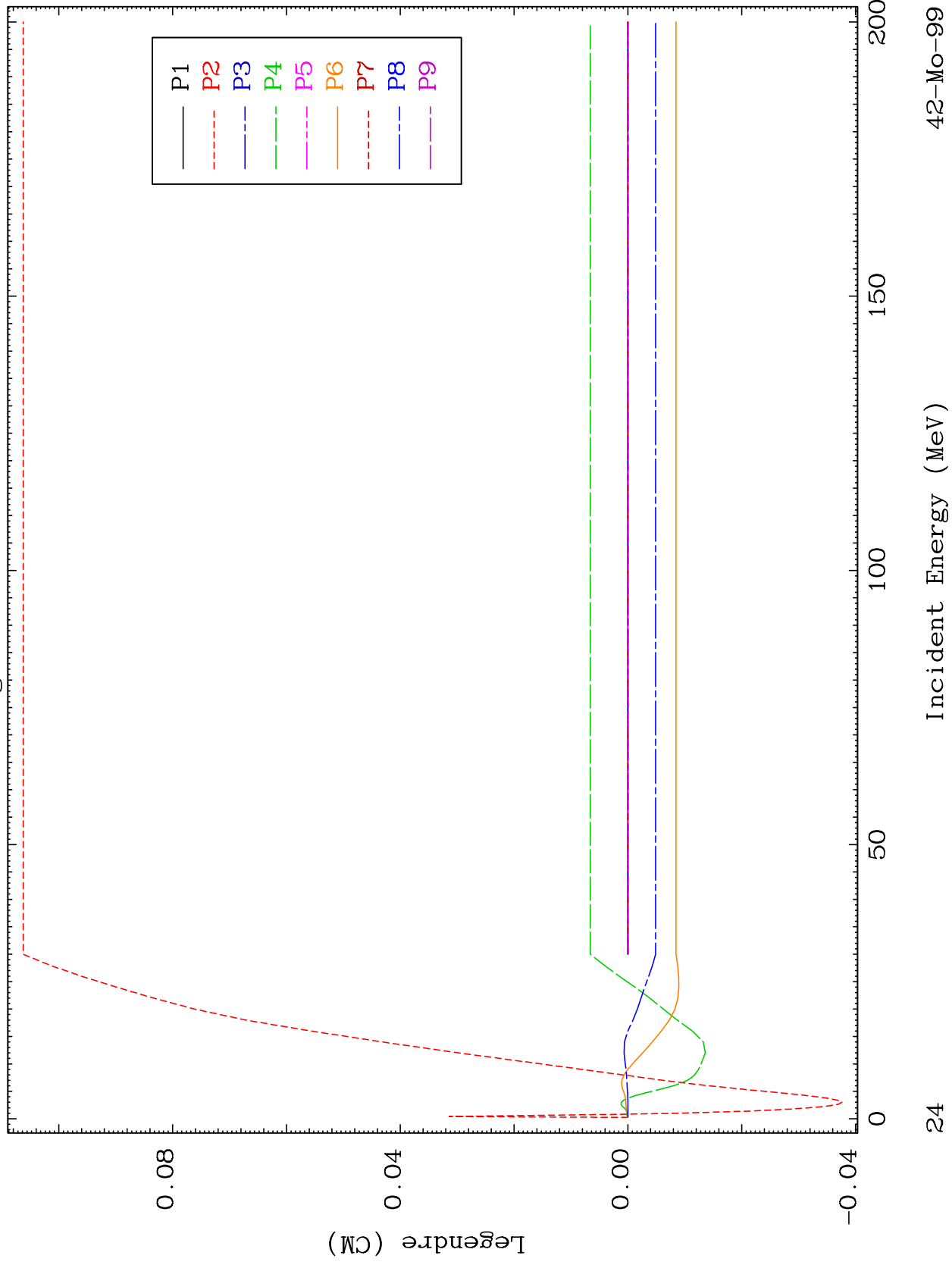




MAT 4246

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

42-Mo-99



42-Mo-99

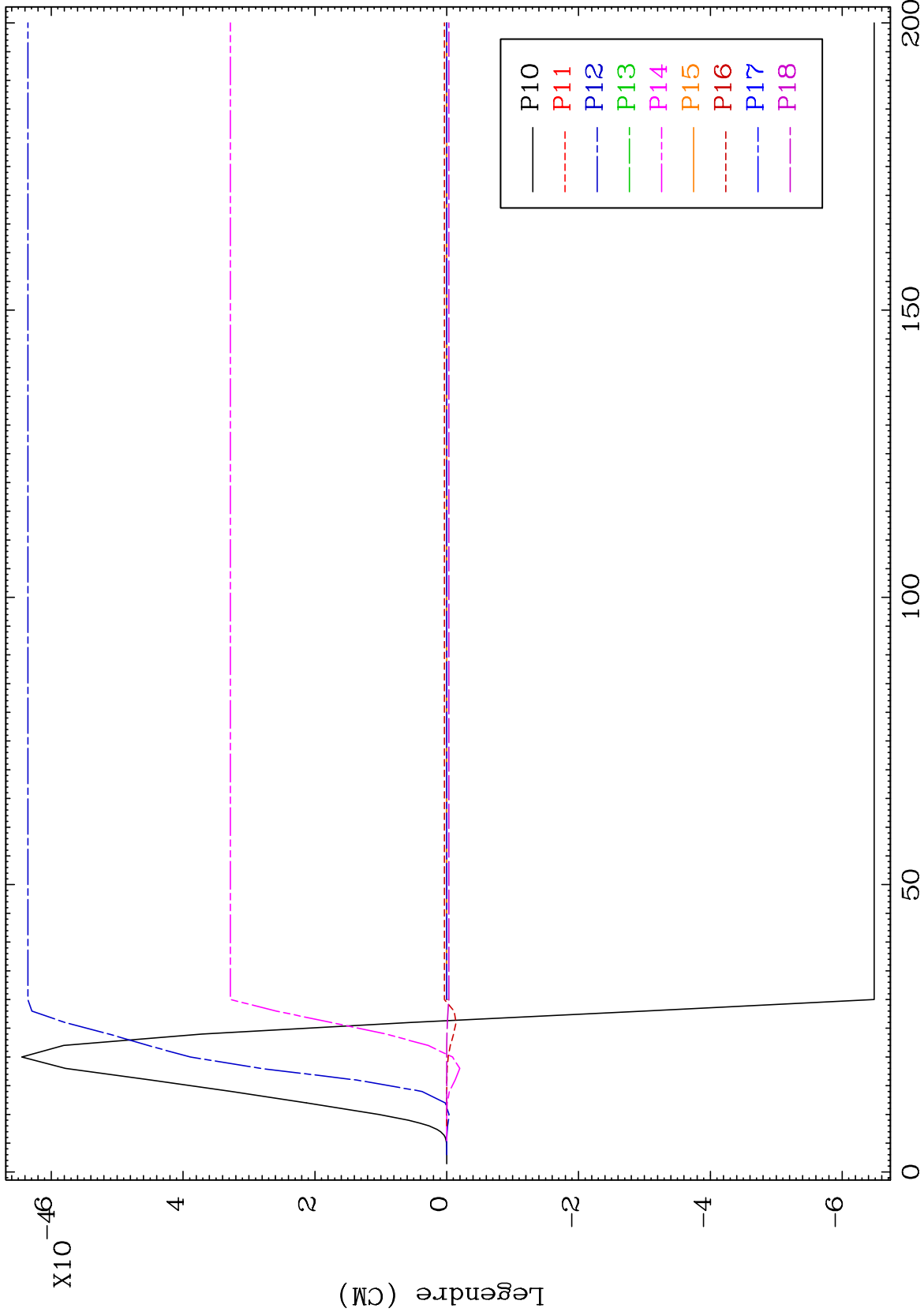
Incident Energy (MeV)

24

MAT 4246

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

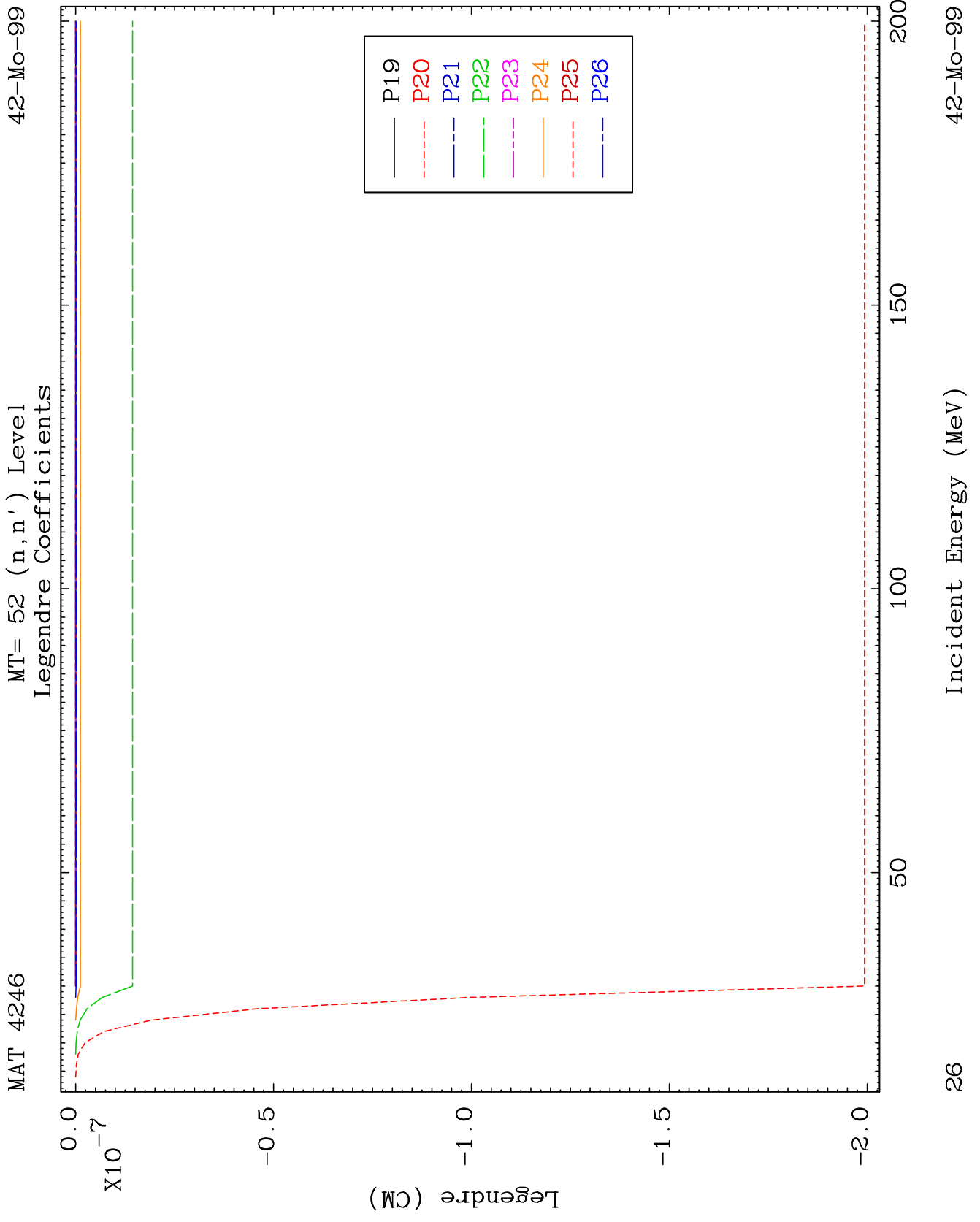
42-Mo-99



25

Incident Energy (MeV)

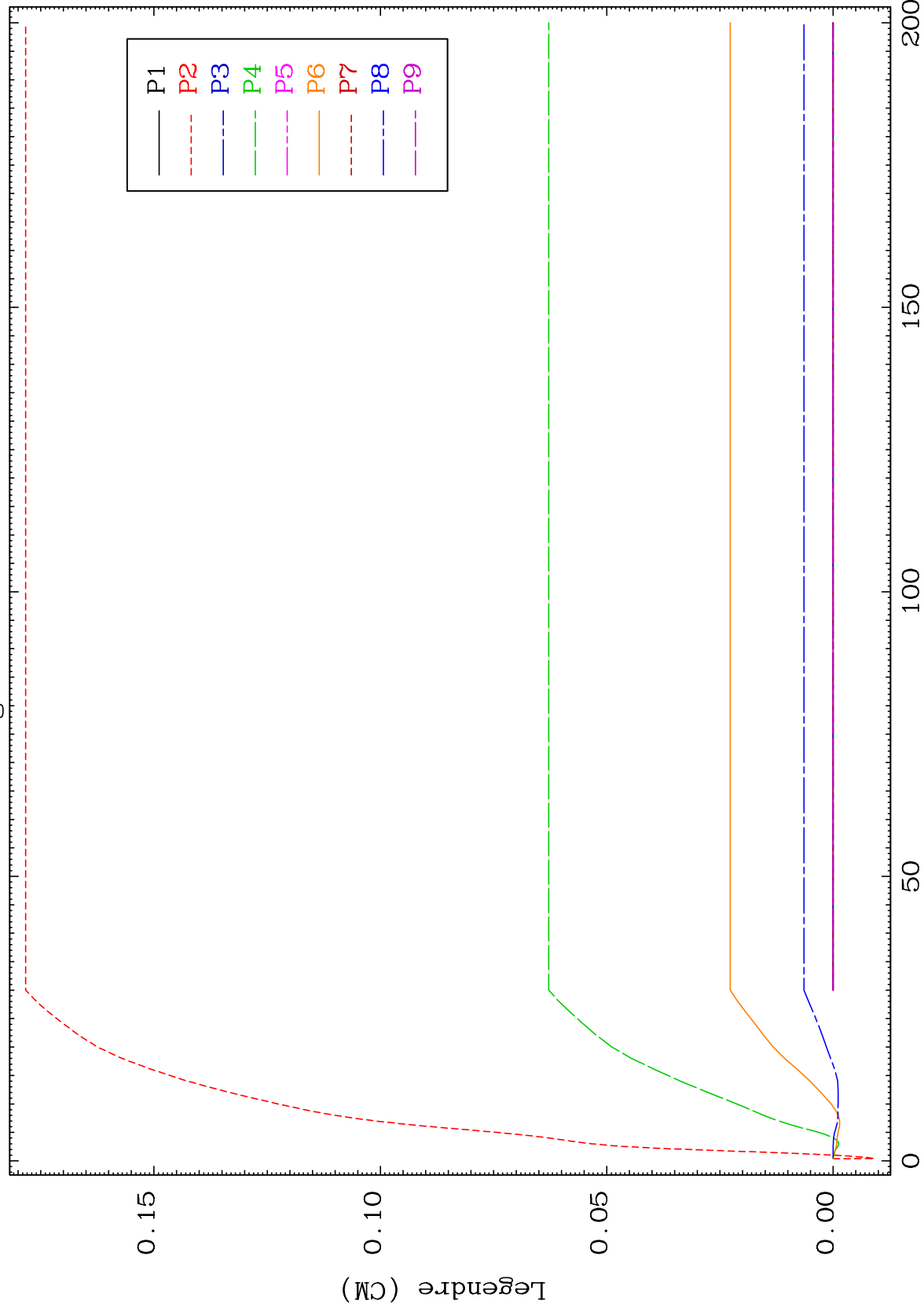
42-Mo-99



MAT 4246

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

42-Mo-99



27

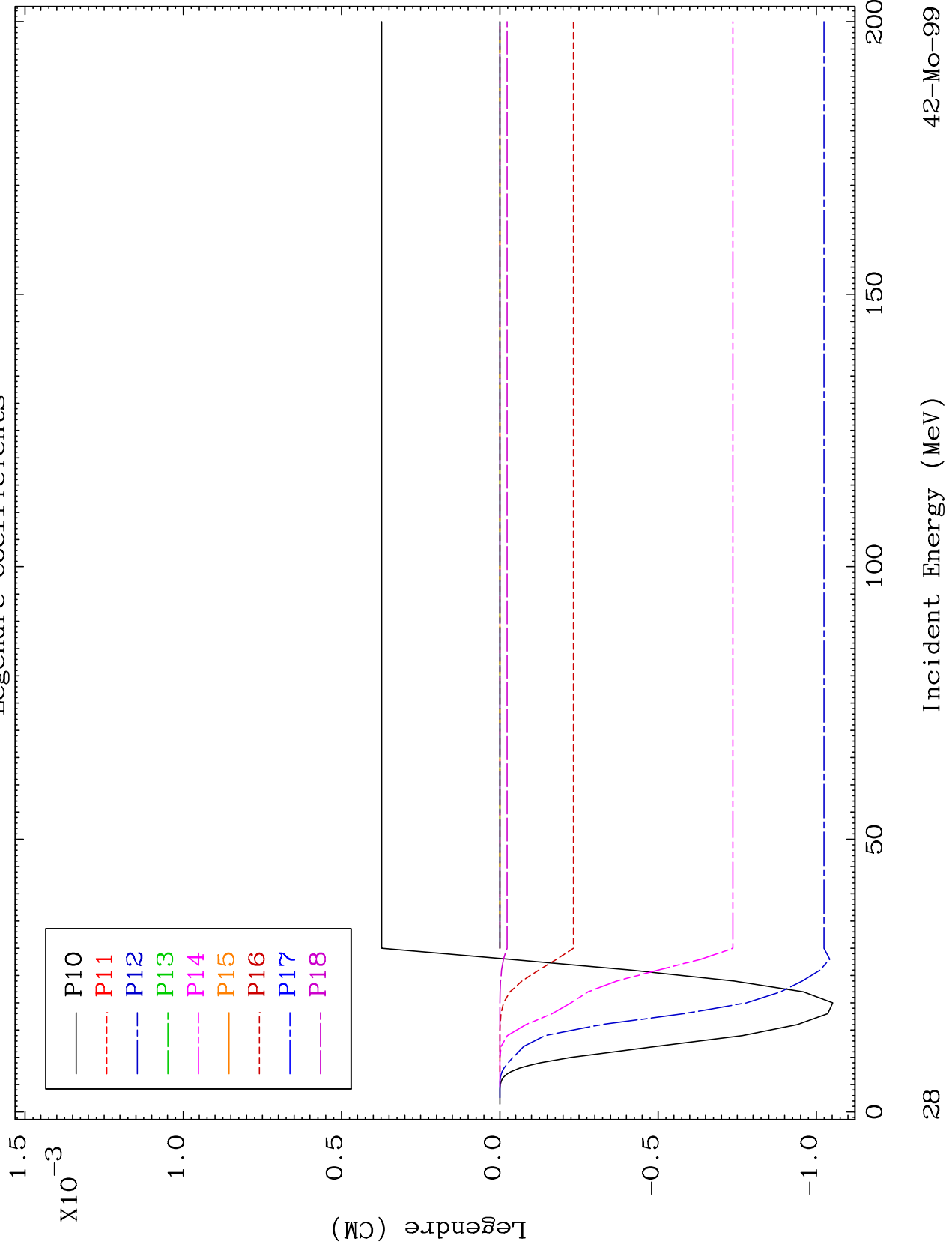
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



28

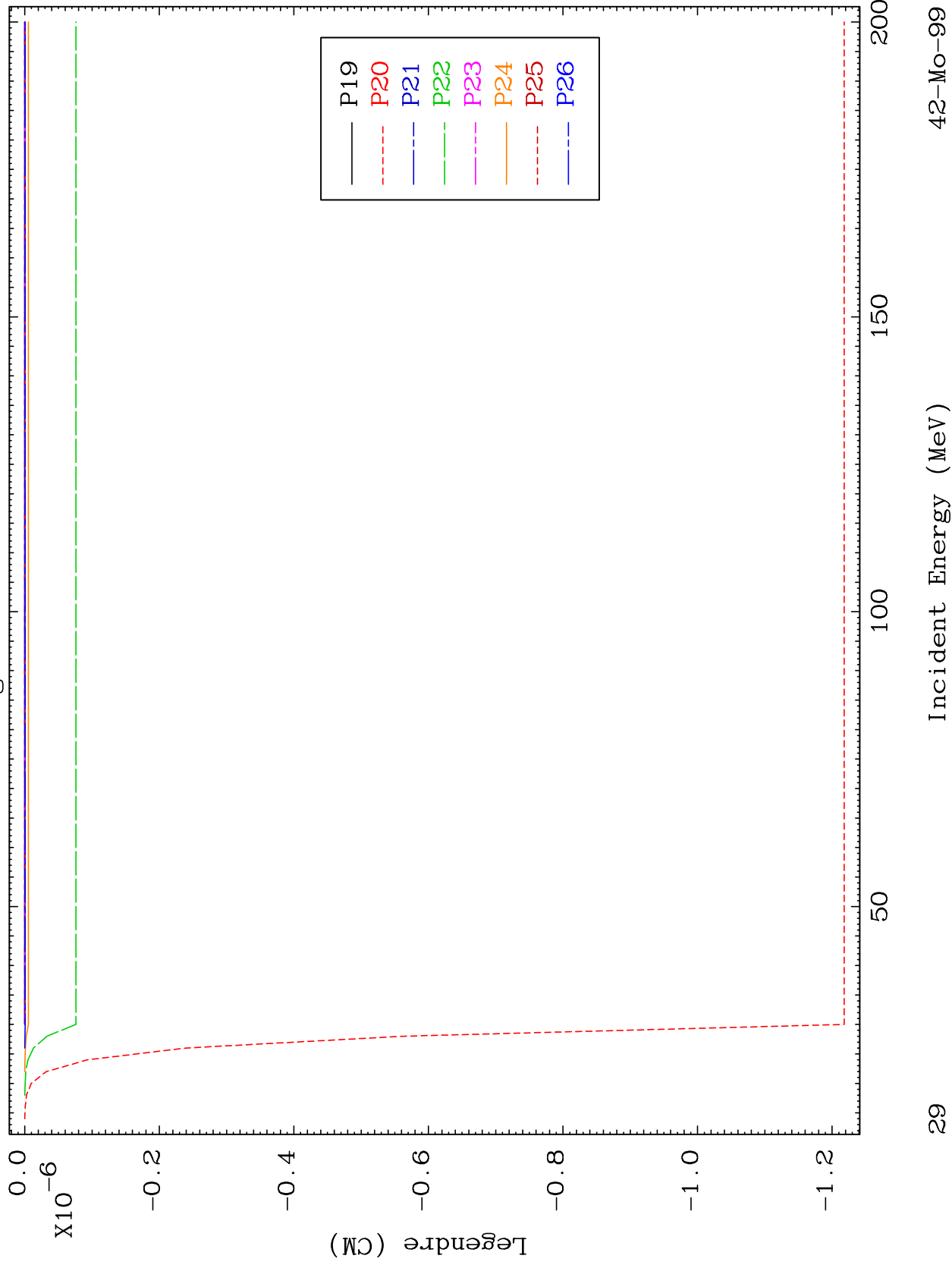
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

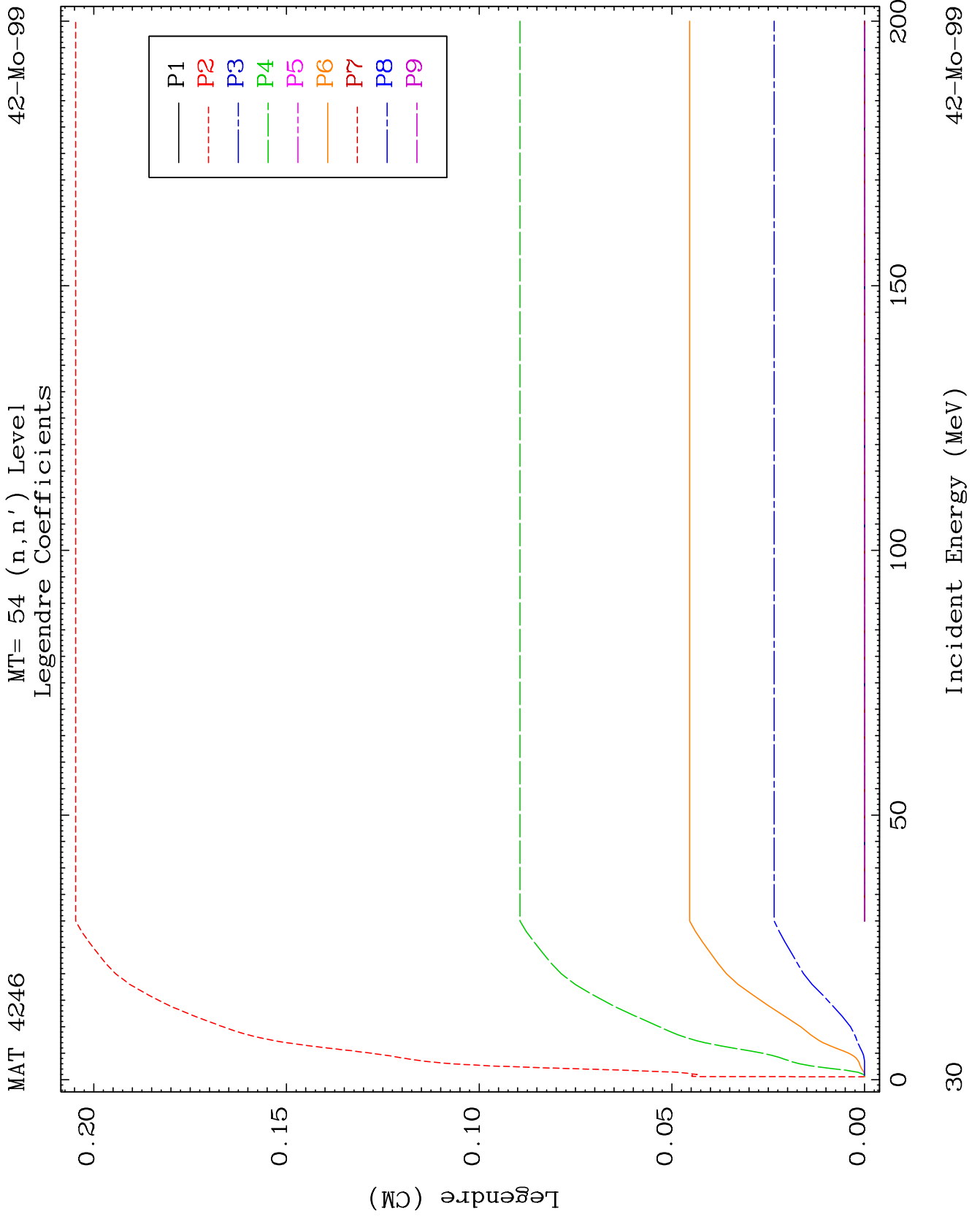
42-Mo-99



29

Incident Energy (MeV)

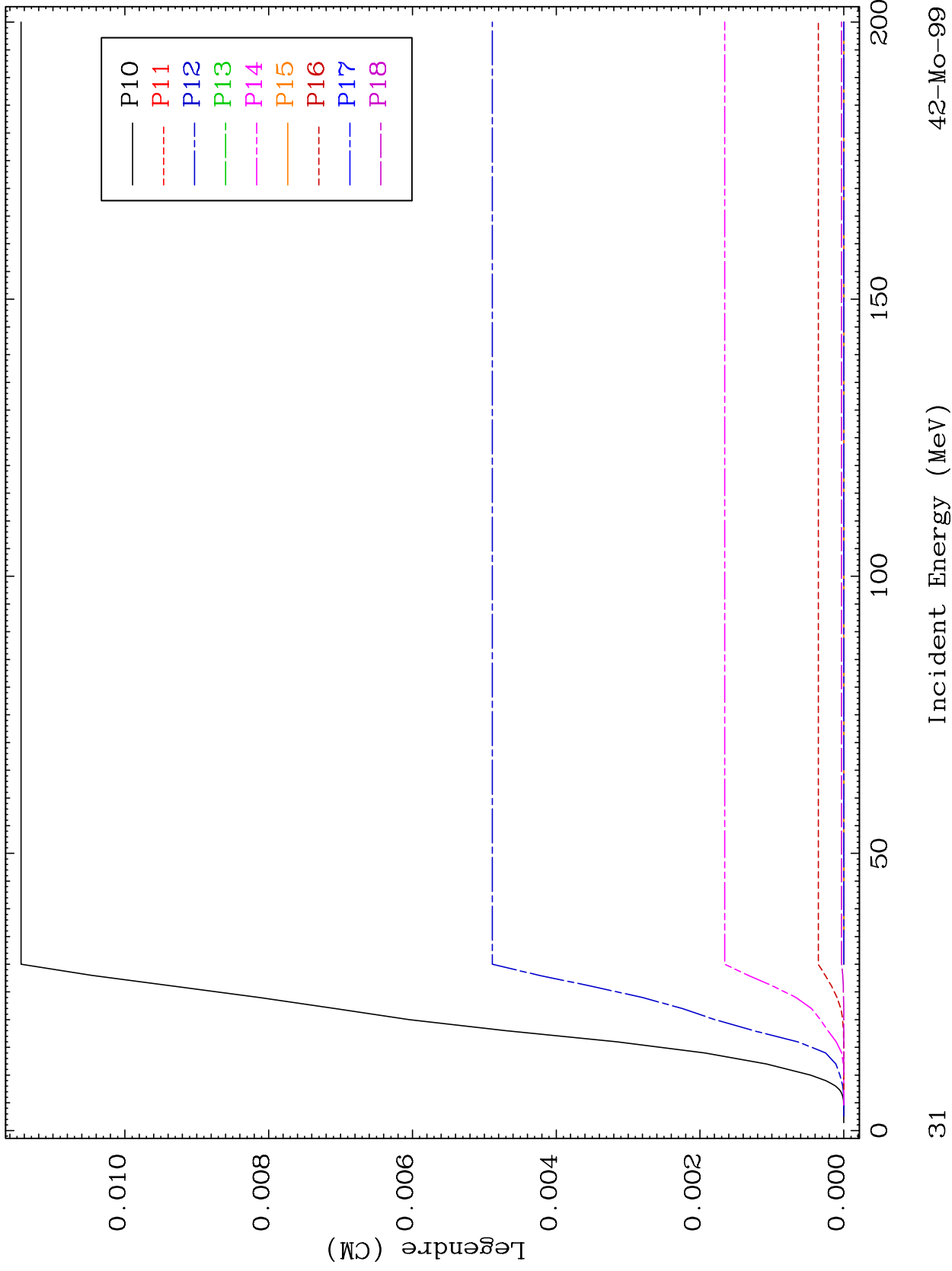
42-Mo-99



MAT 4246

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

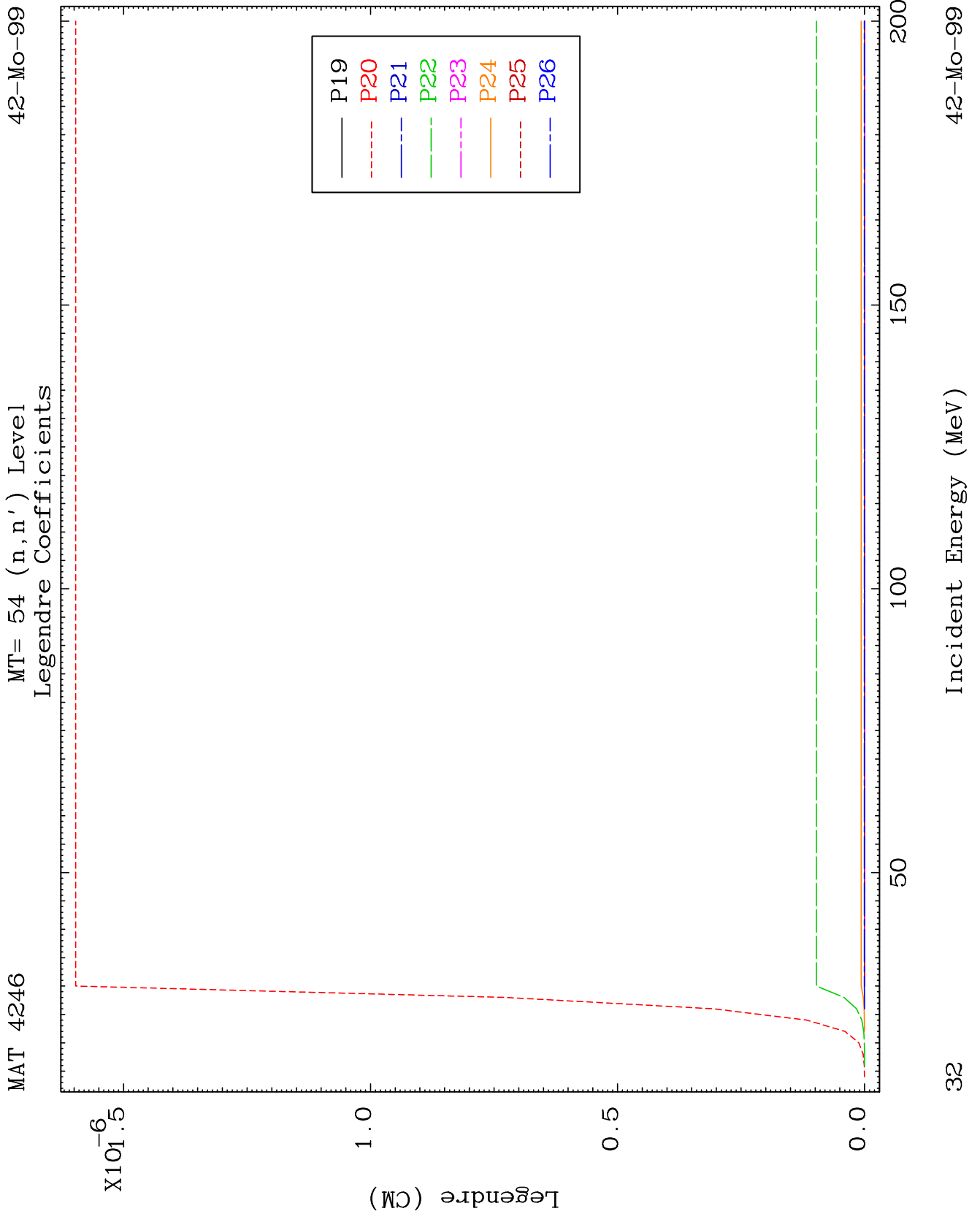
42-Mo-99



31

Incident Energy (MeV)

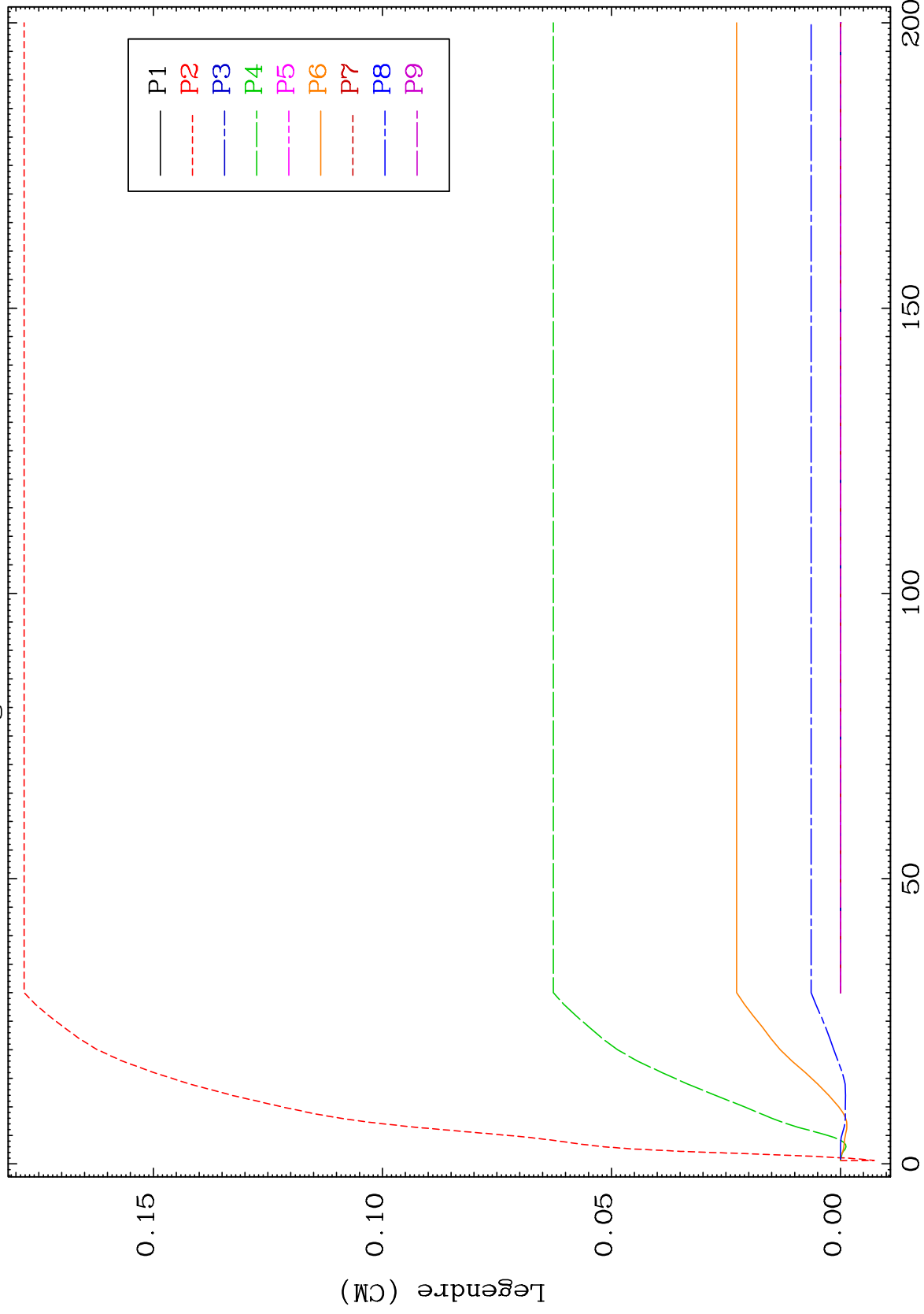
42-Mo-99



MAT 4246

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

42-Mo-99



33

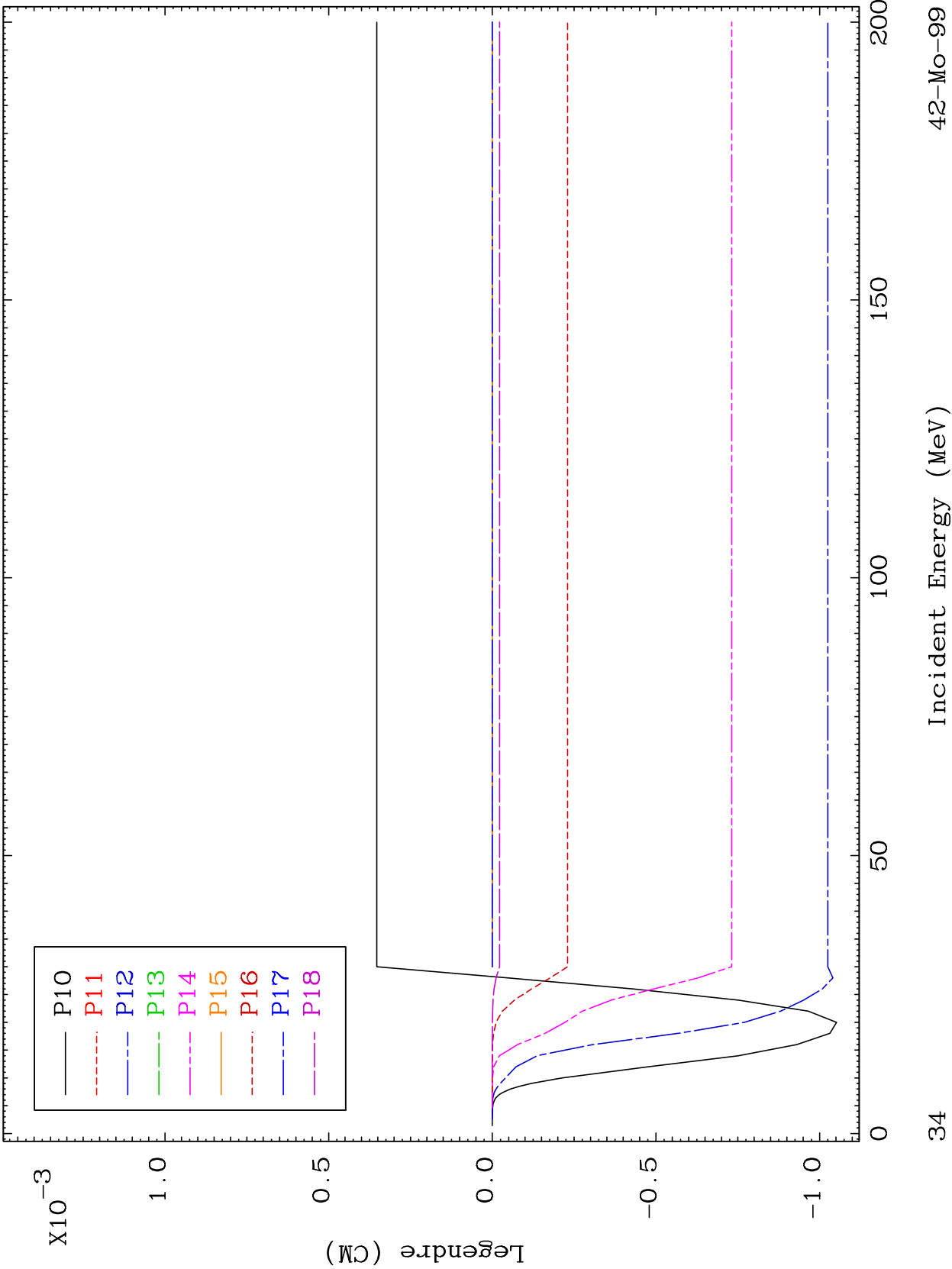
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



34

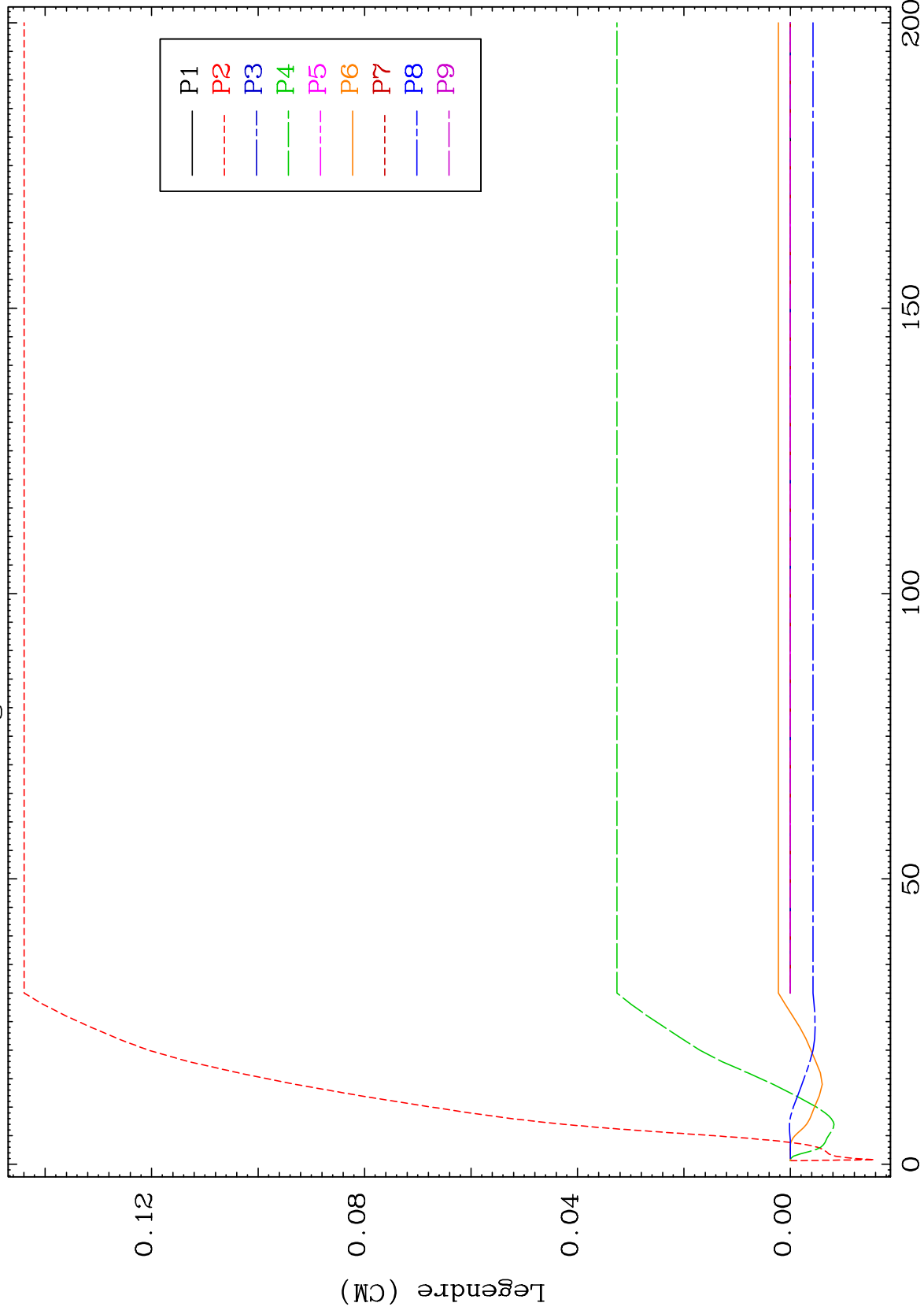
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

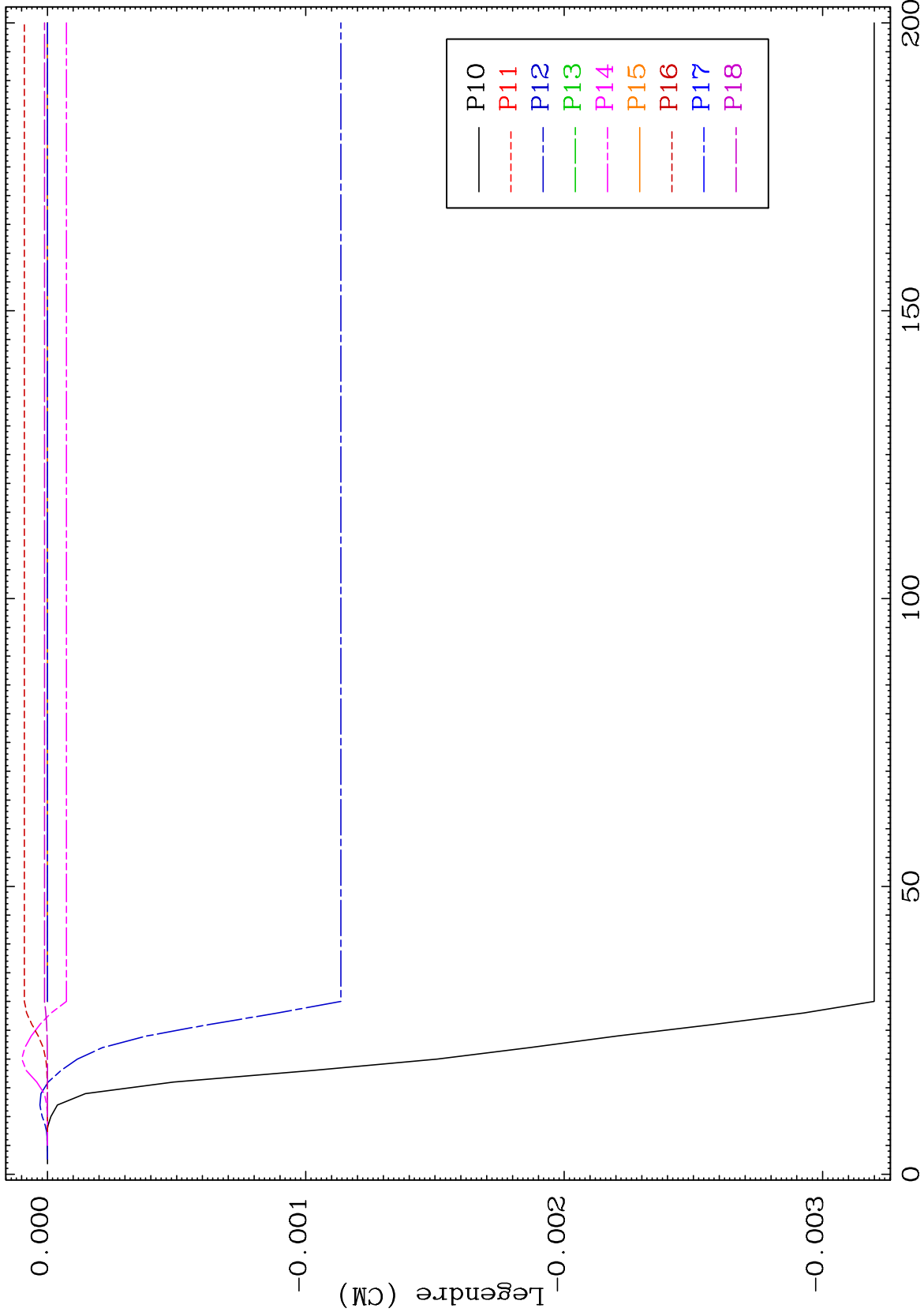
Incident Energy (MeV)

36

MAT 4246

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

42-Mo-99



37

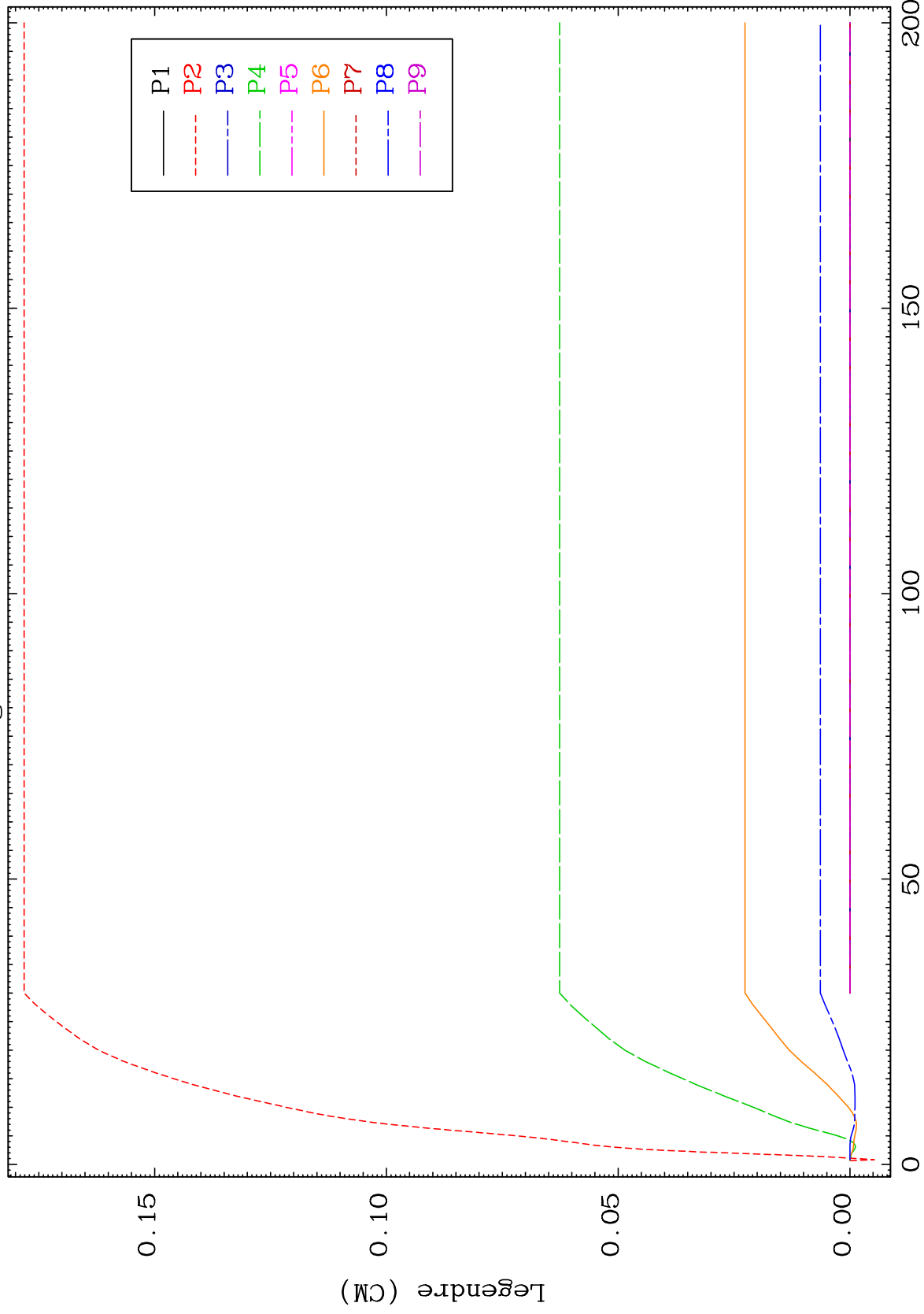
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



39

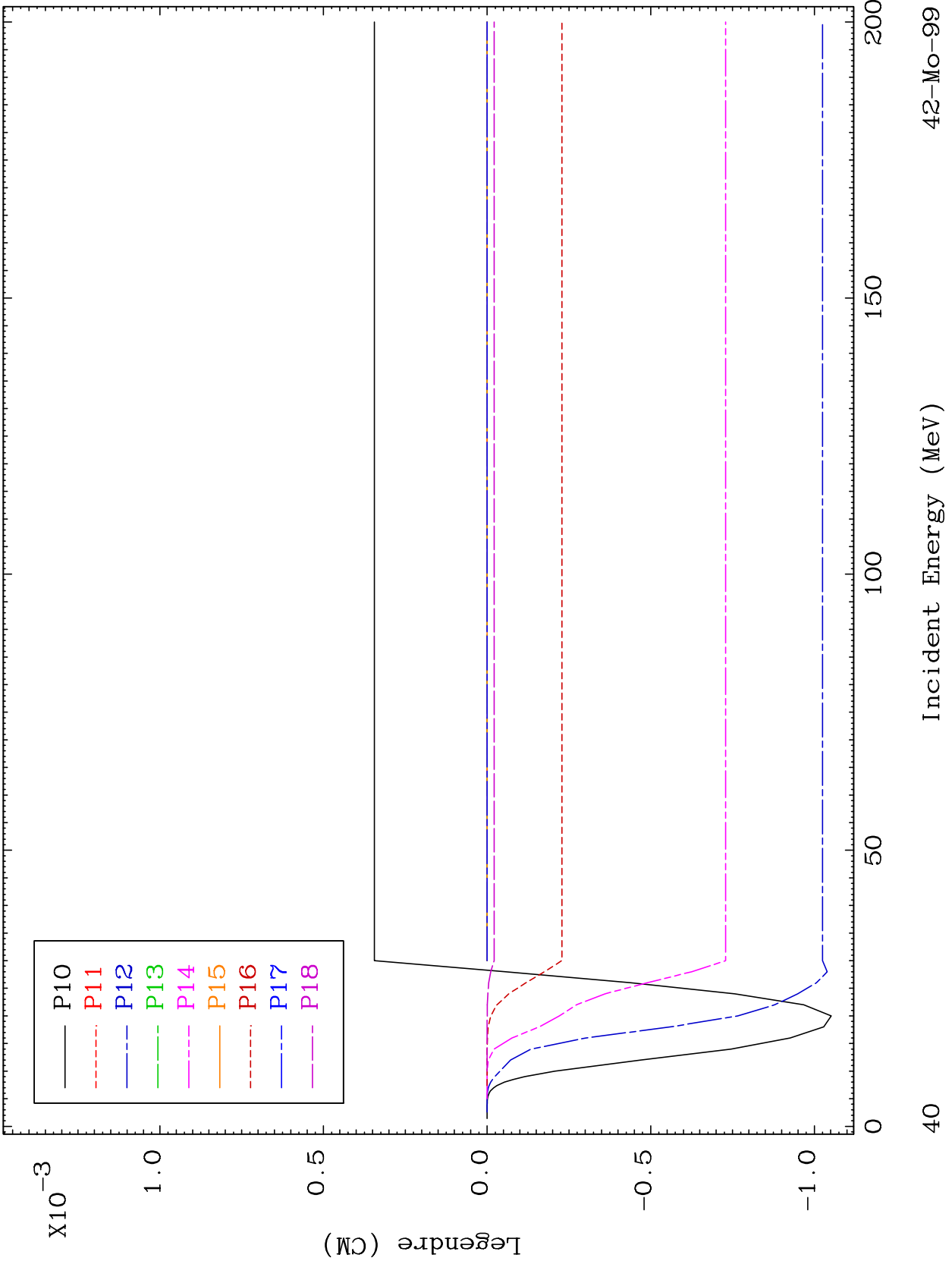
Incident Energy (MeV)

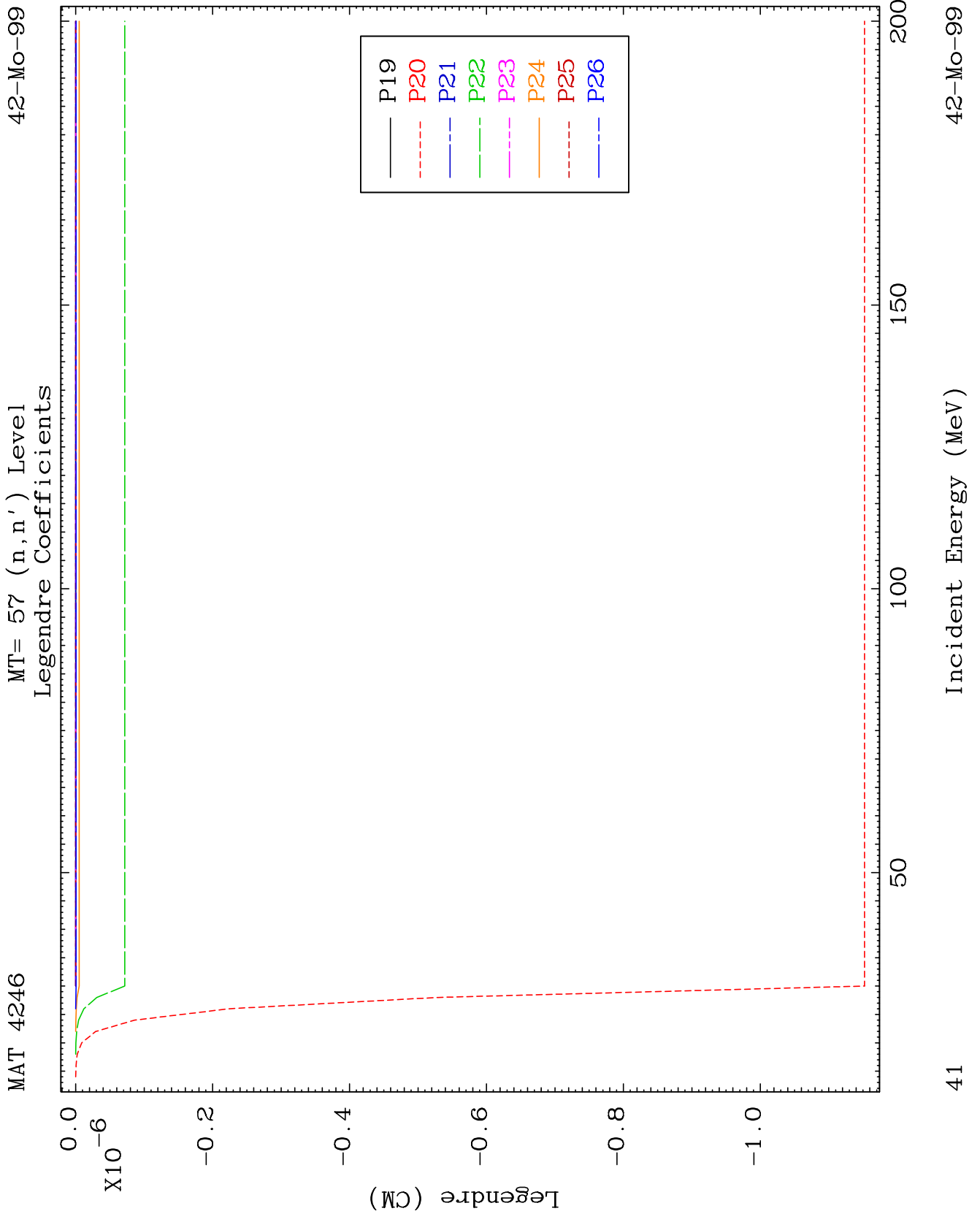
42-Mo-99

MAT 4246

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

42-Mo-99

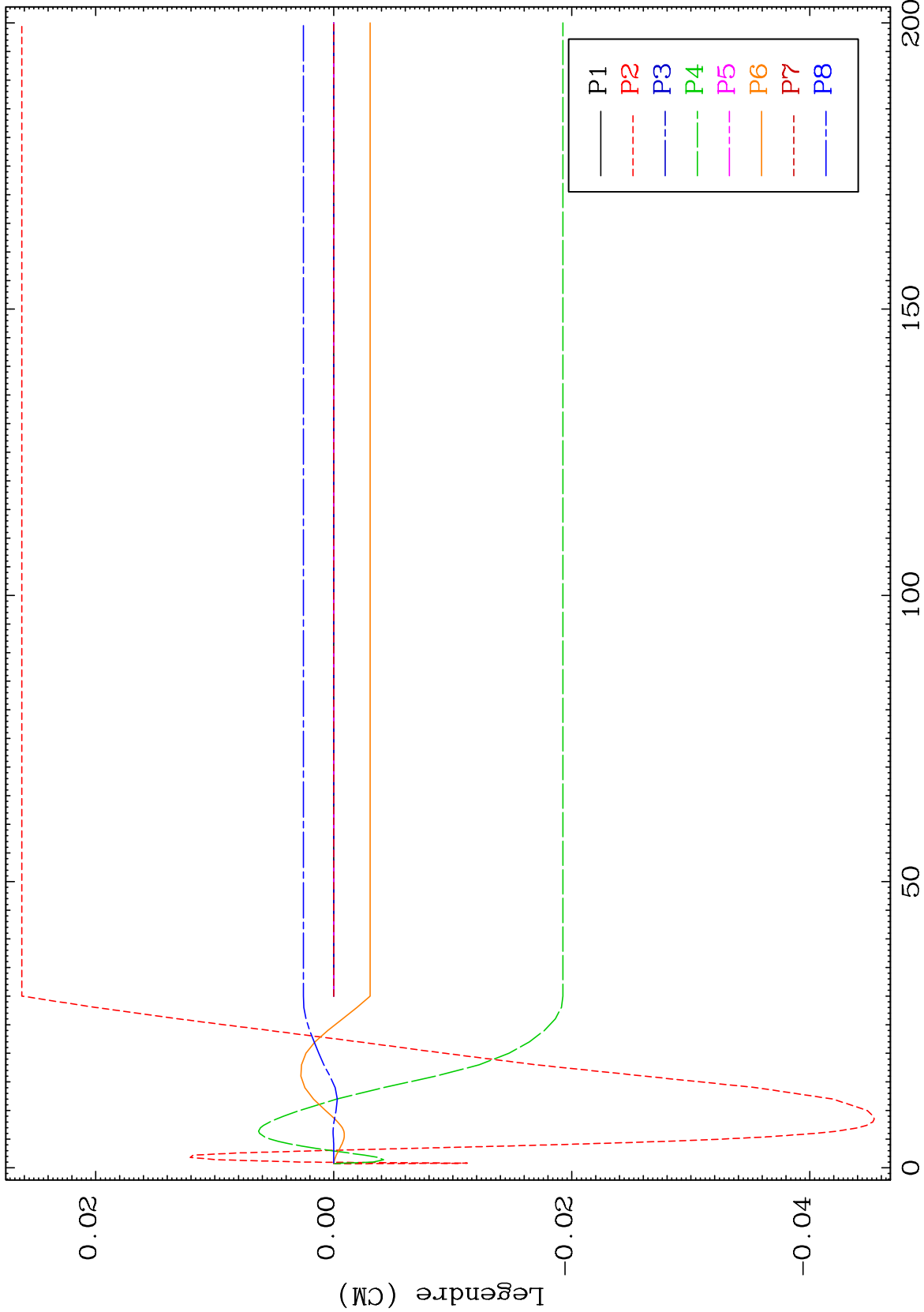




MAT 4246

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

42-Mo-99



42-Mo-99

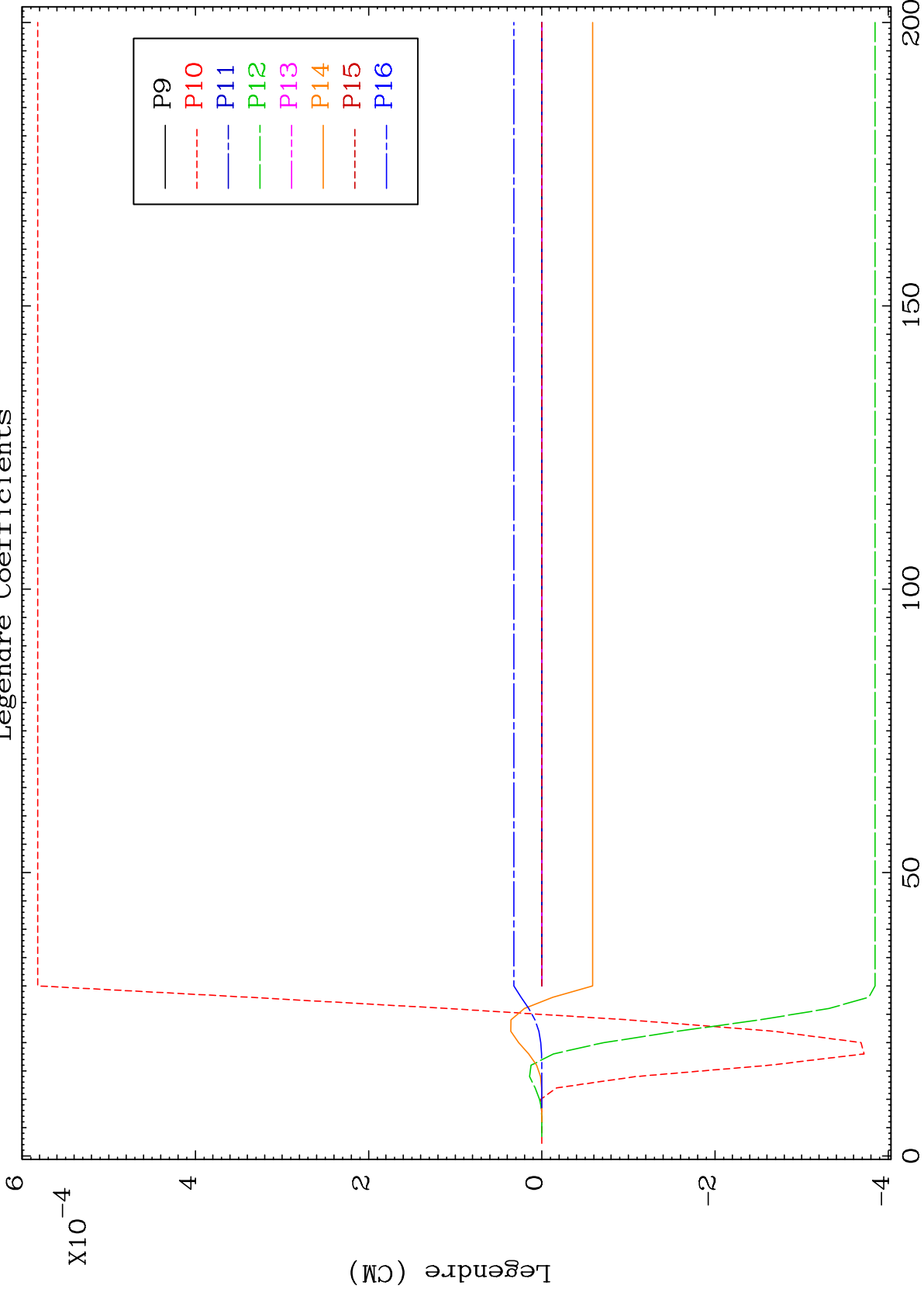
Incident Energy (MeV)

42

MAT 4246

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

42-Mo-99



43

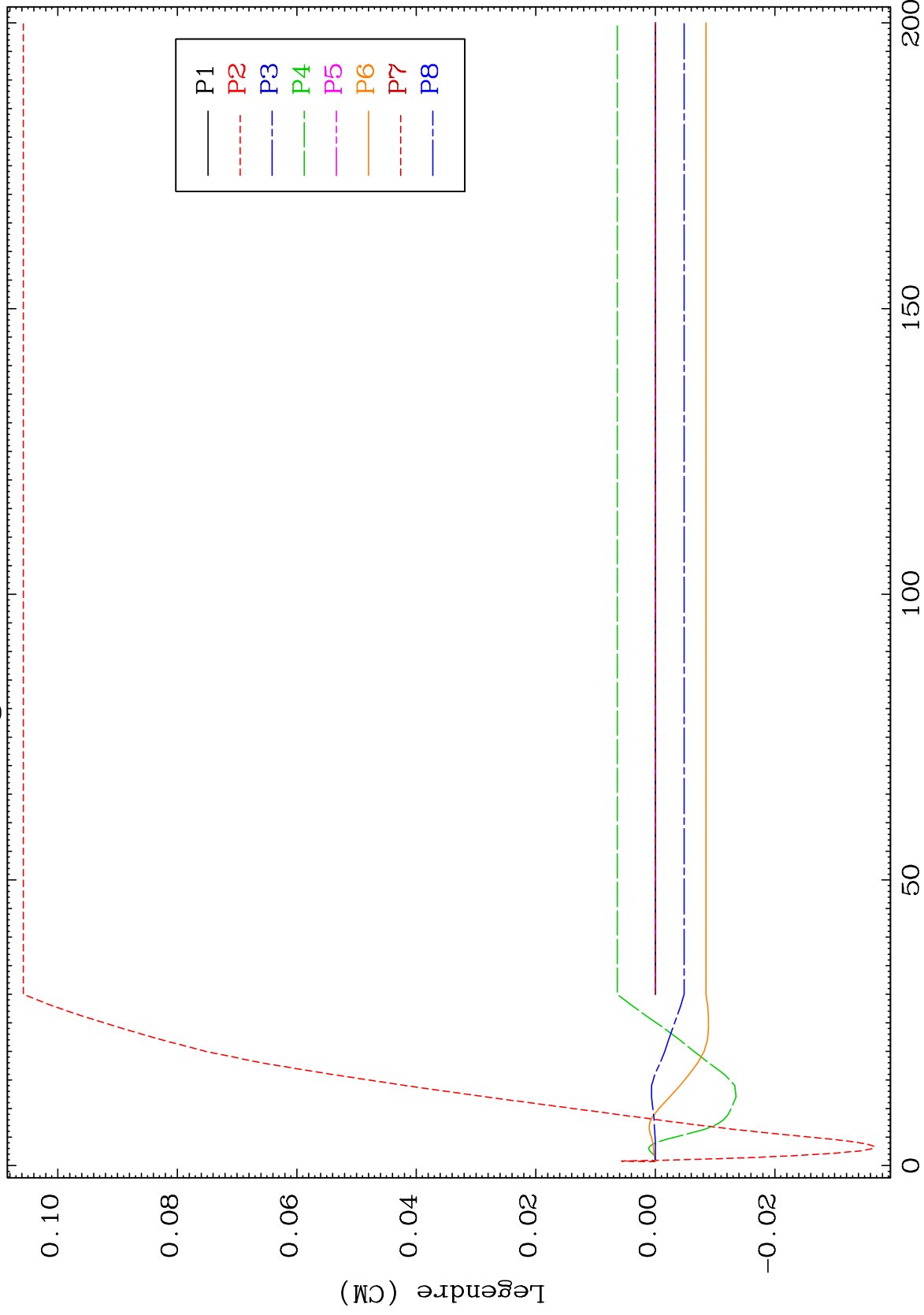
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

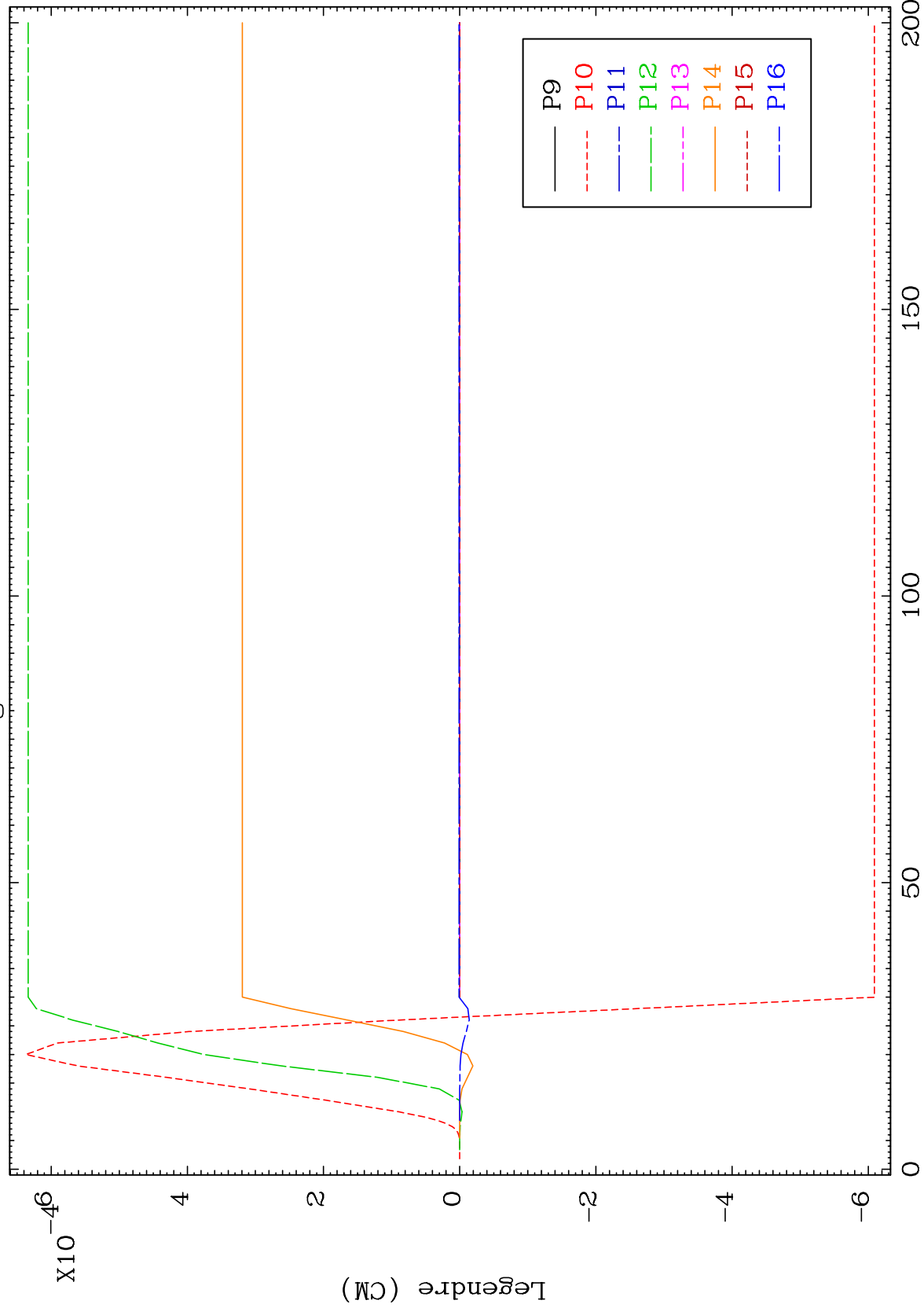
Incident Energy (MeV)

45

MAT 4246

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

42-Mo-99



46

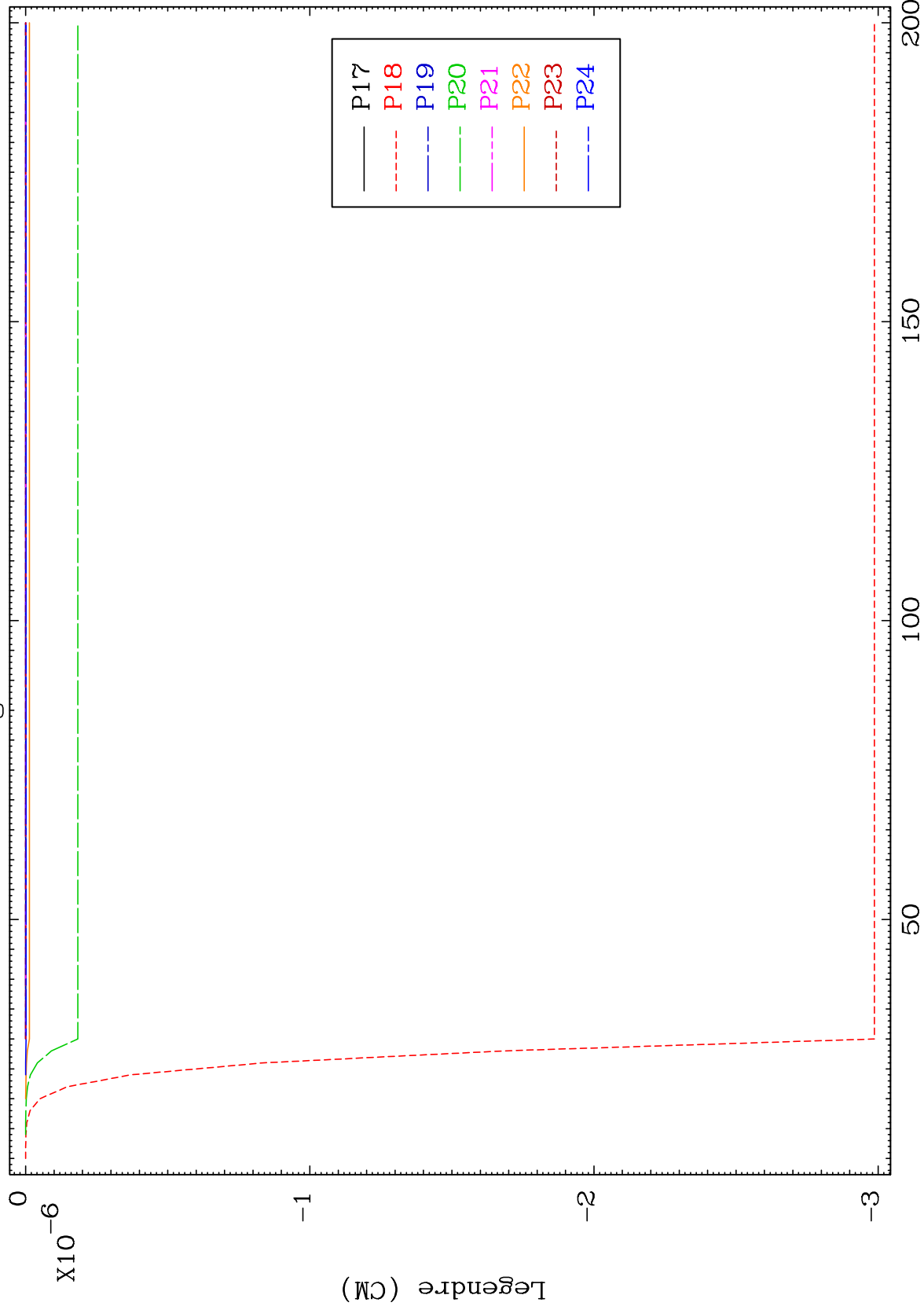
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



47

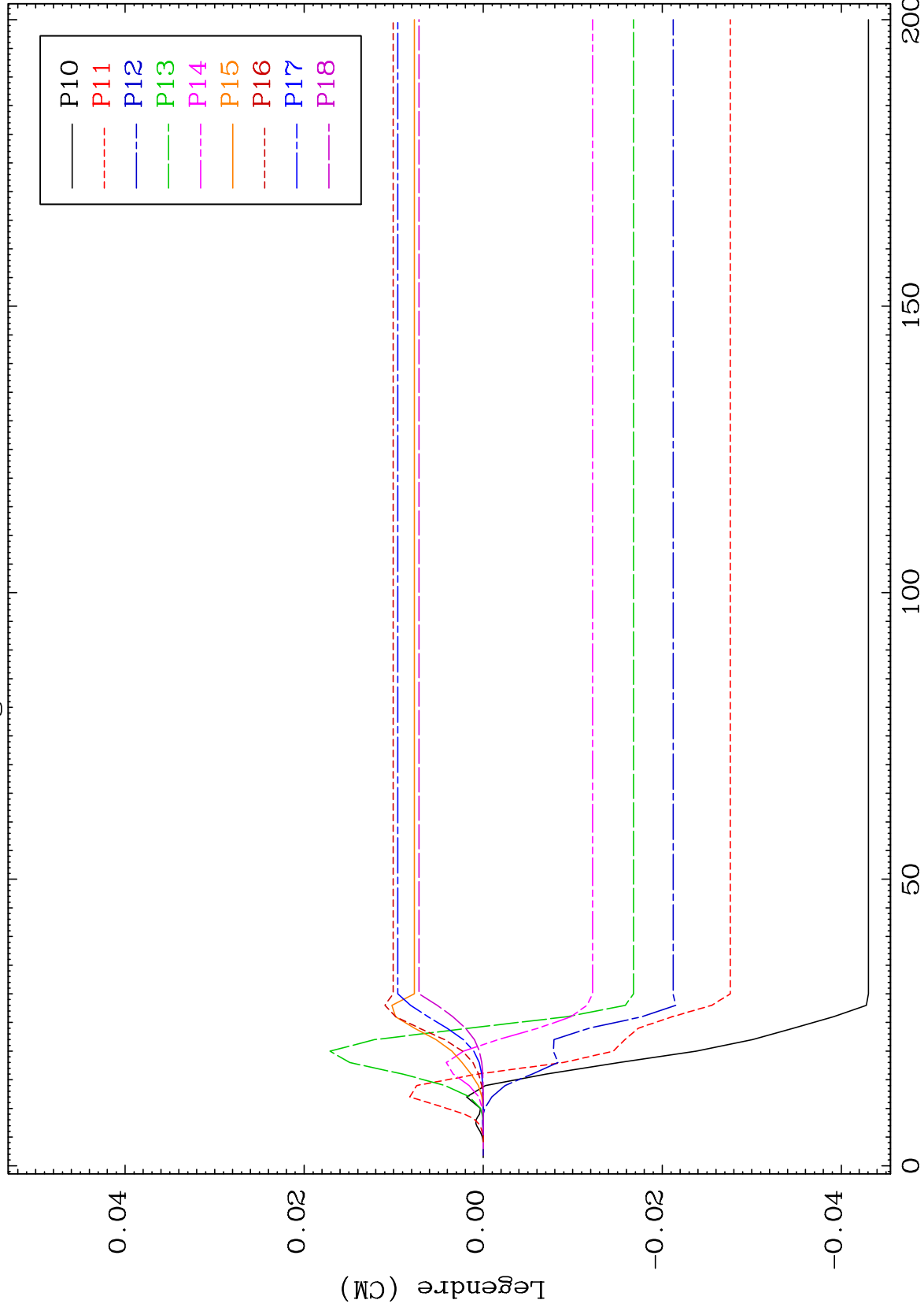
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



49

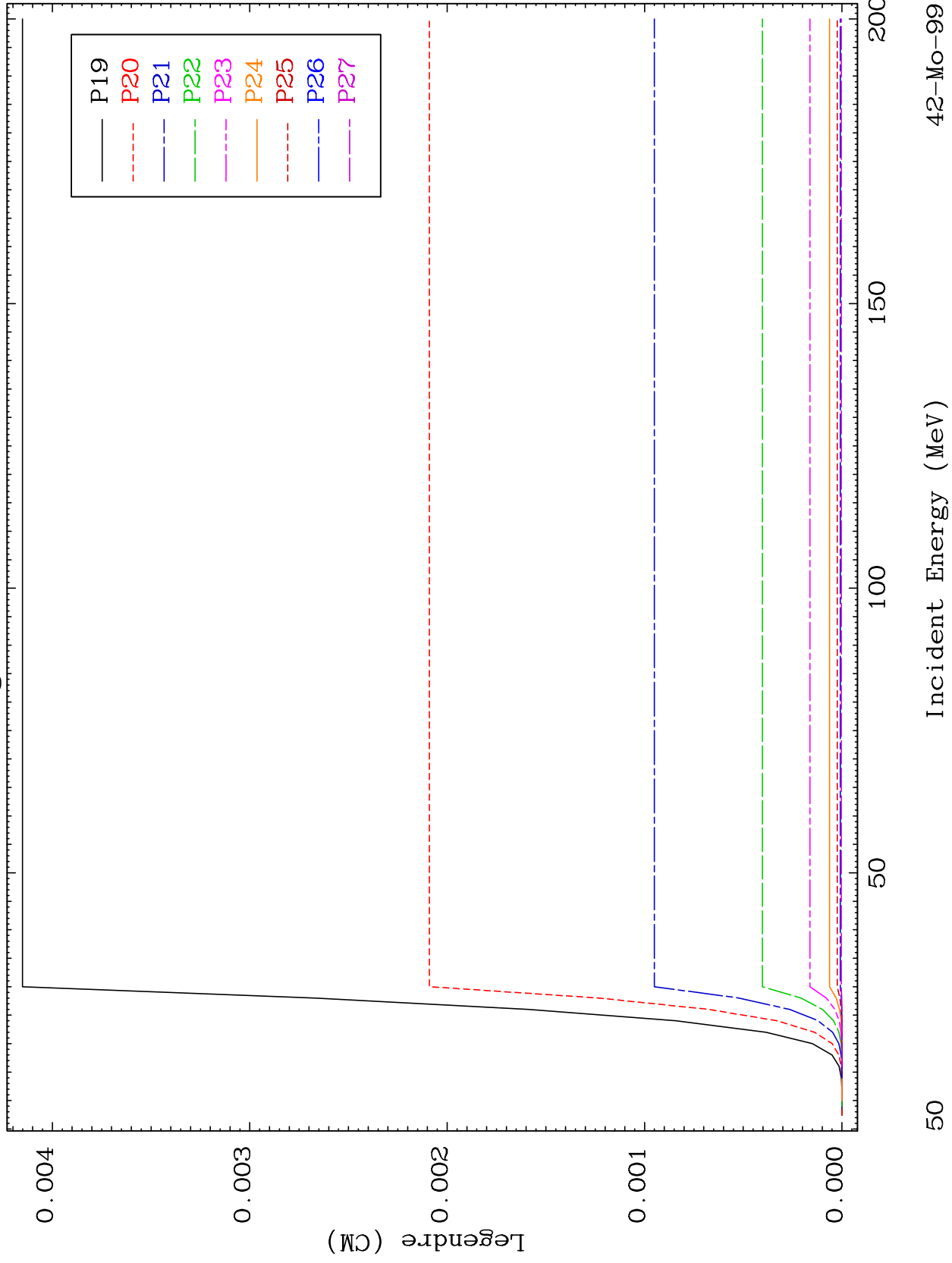
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

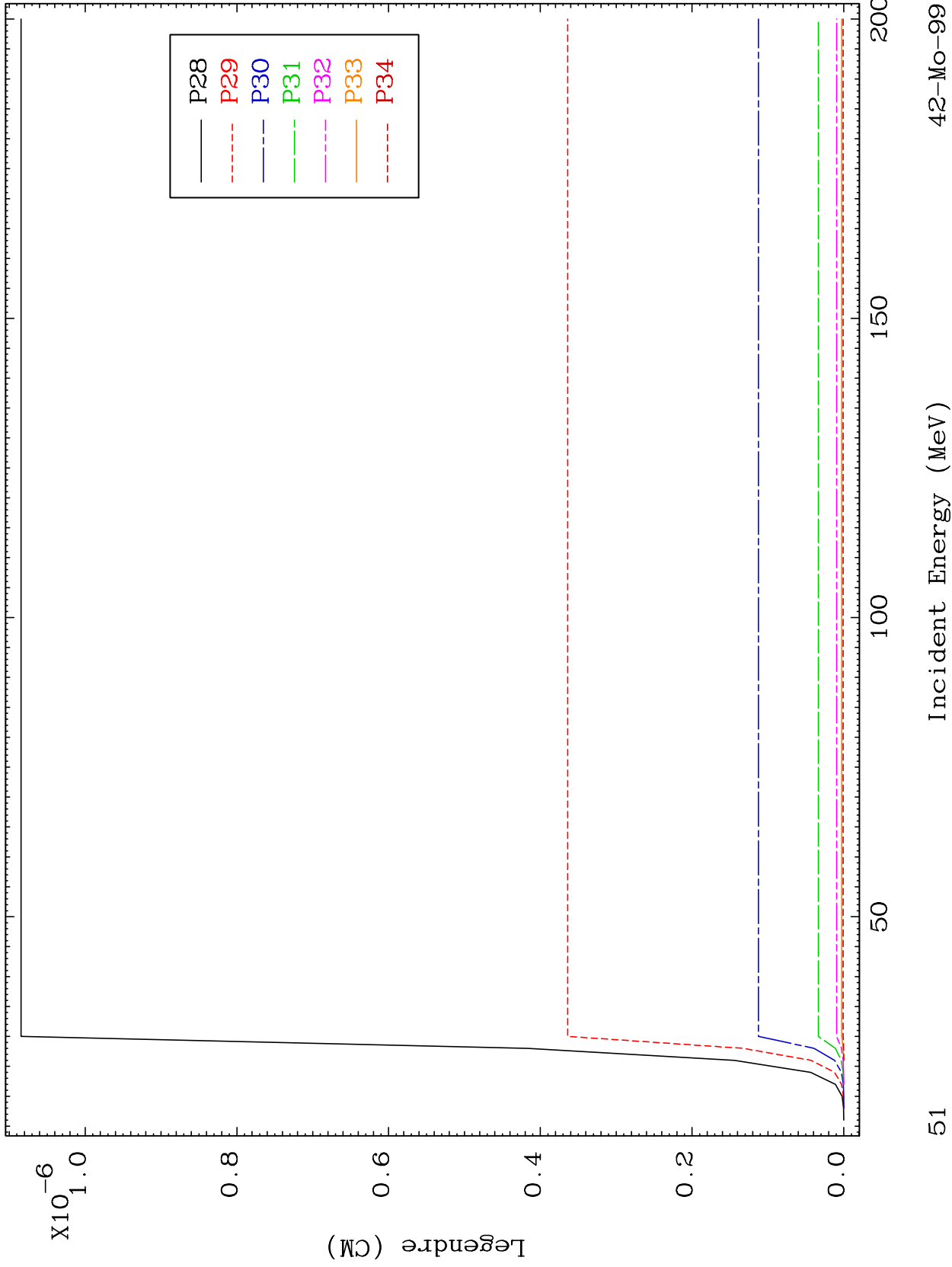
Incident Energy (MeV)

50

MAT 4246

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

42-Mo-99



51

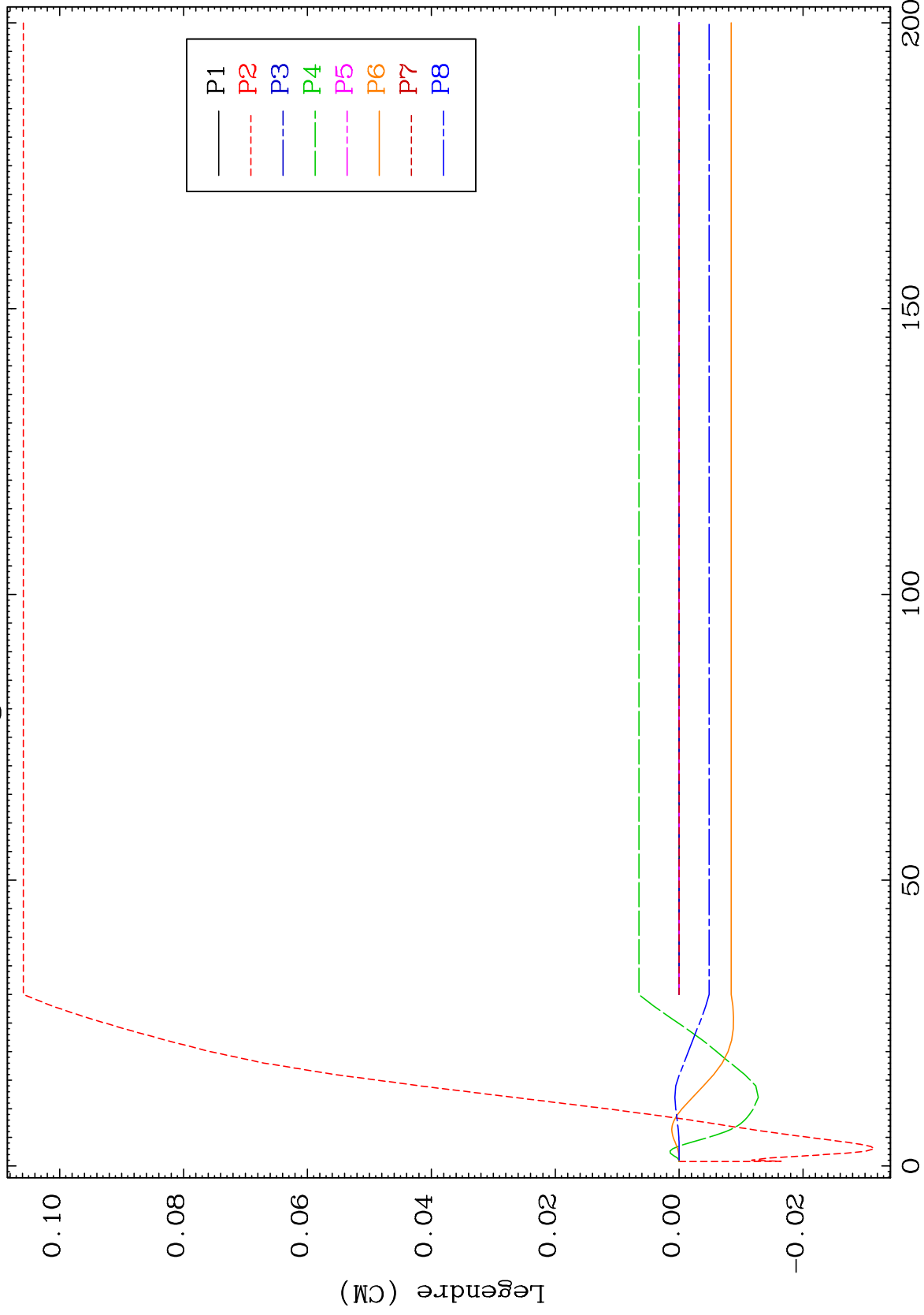
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



52

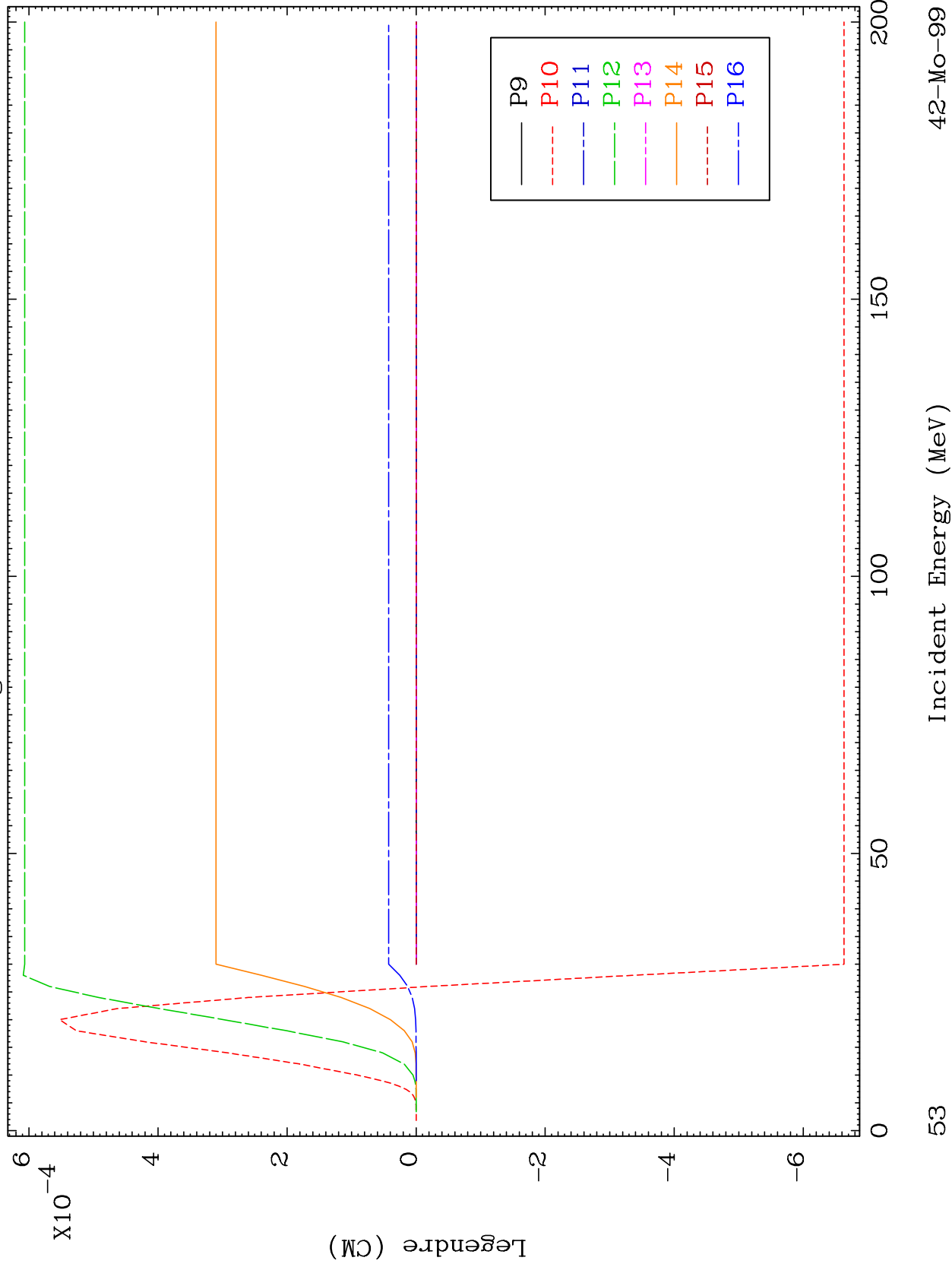
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

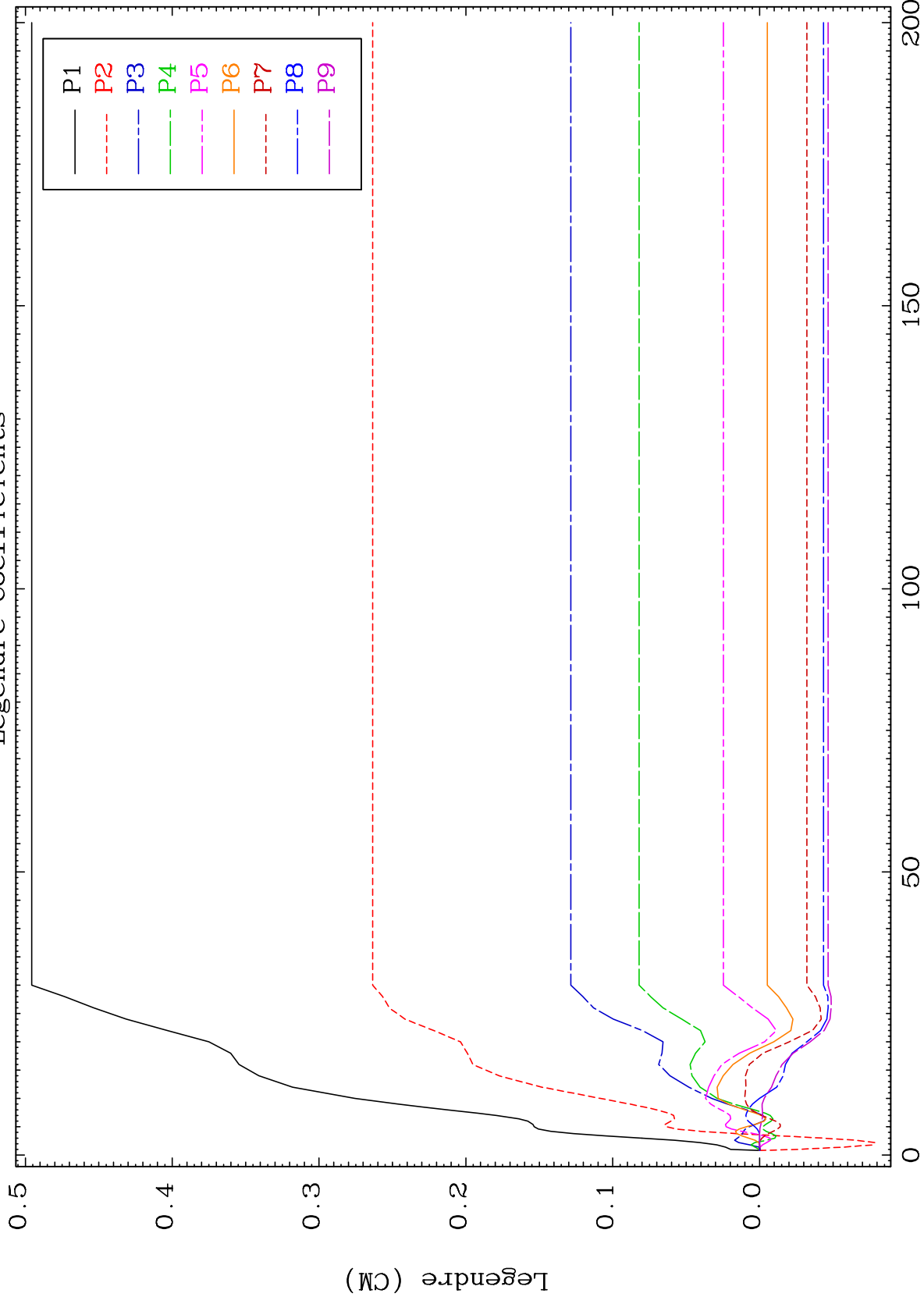
42-Mo-99



MAT 4246

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

42-Mo-99



55

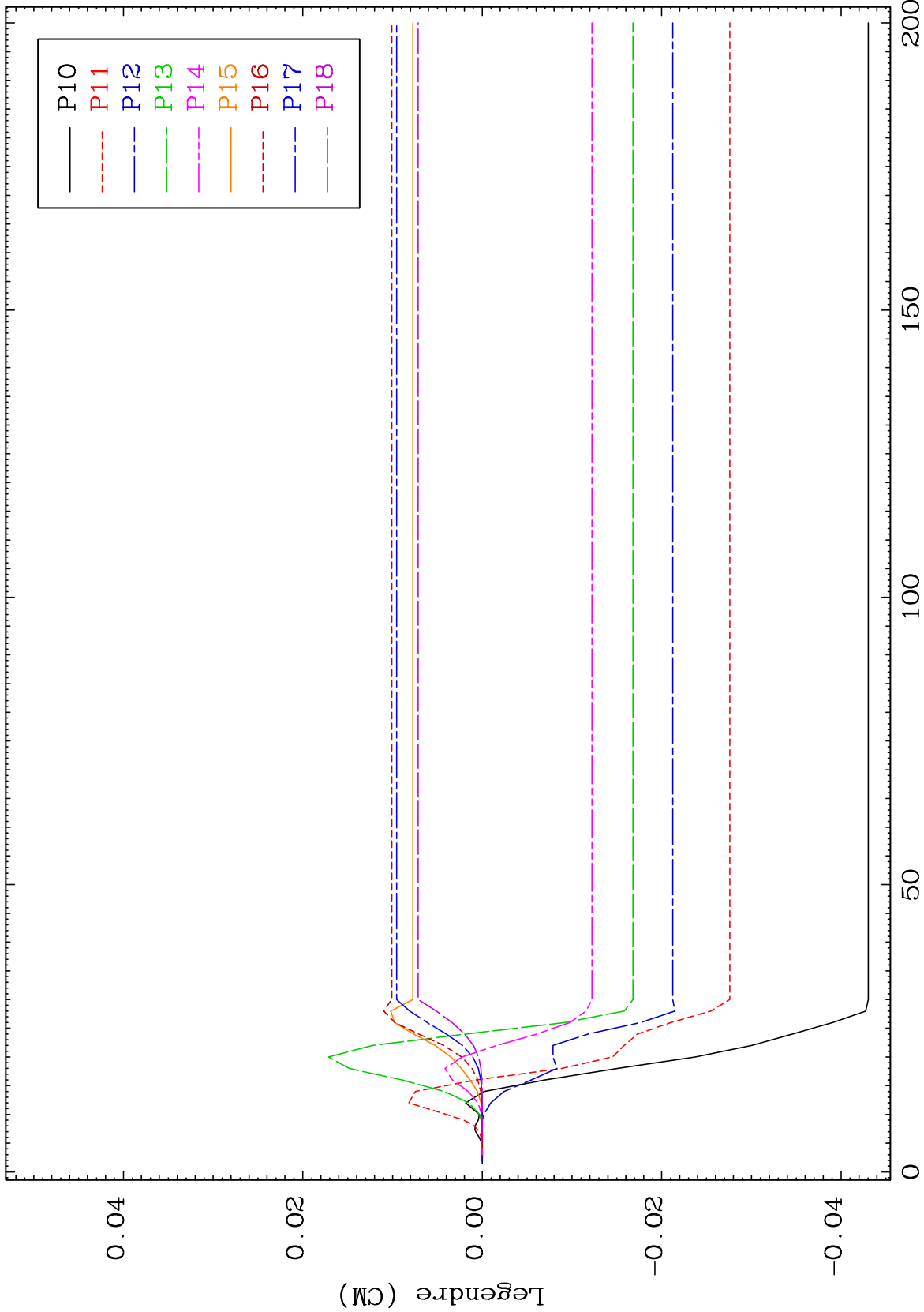
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



56

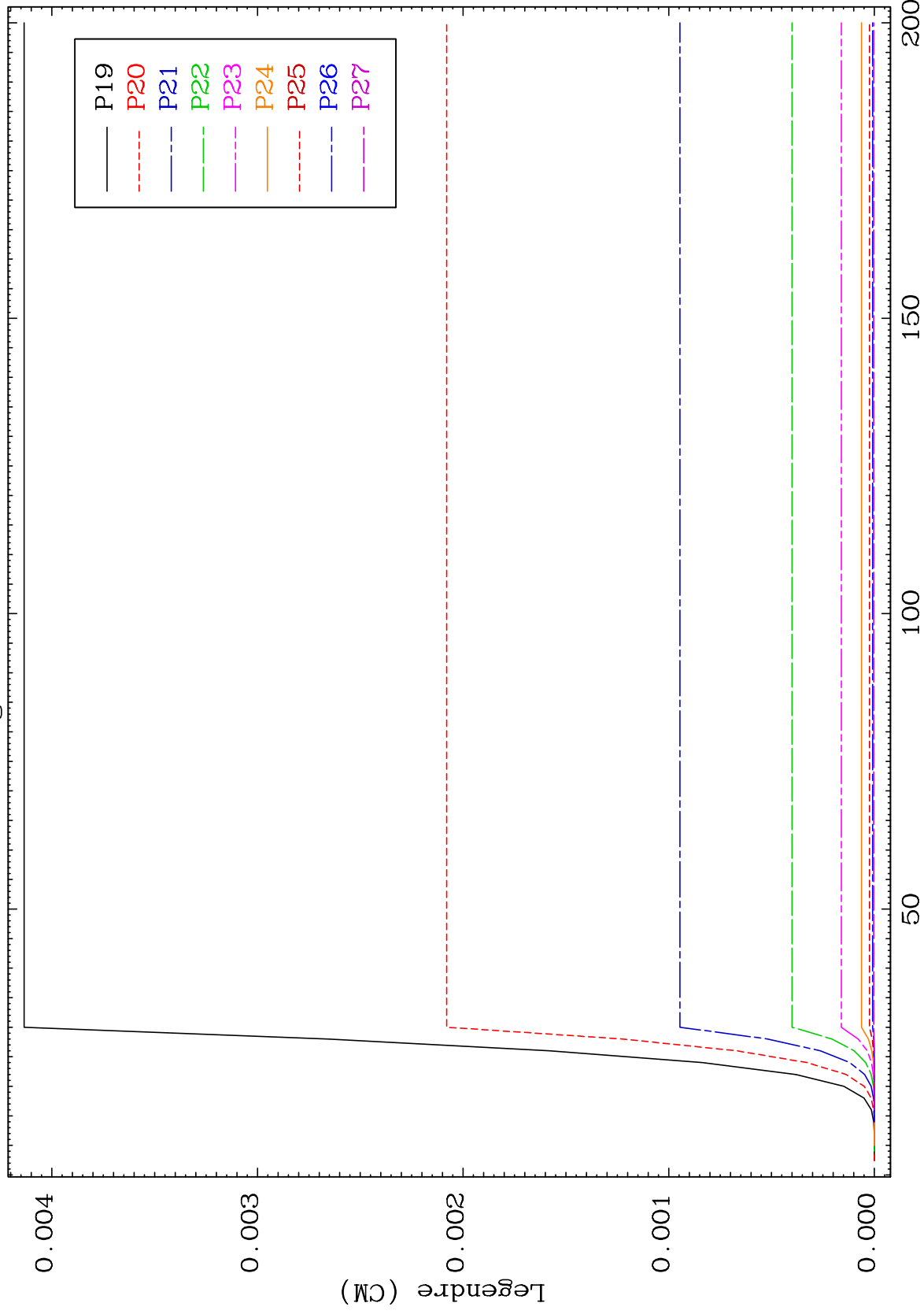
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



57

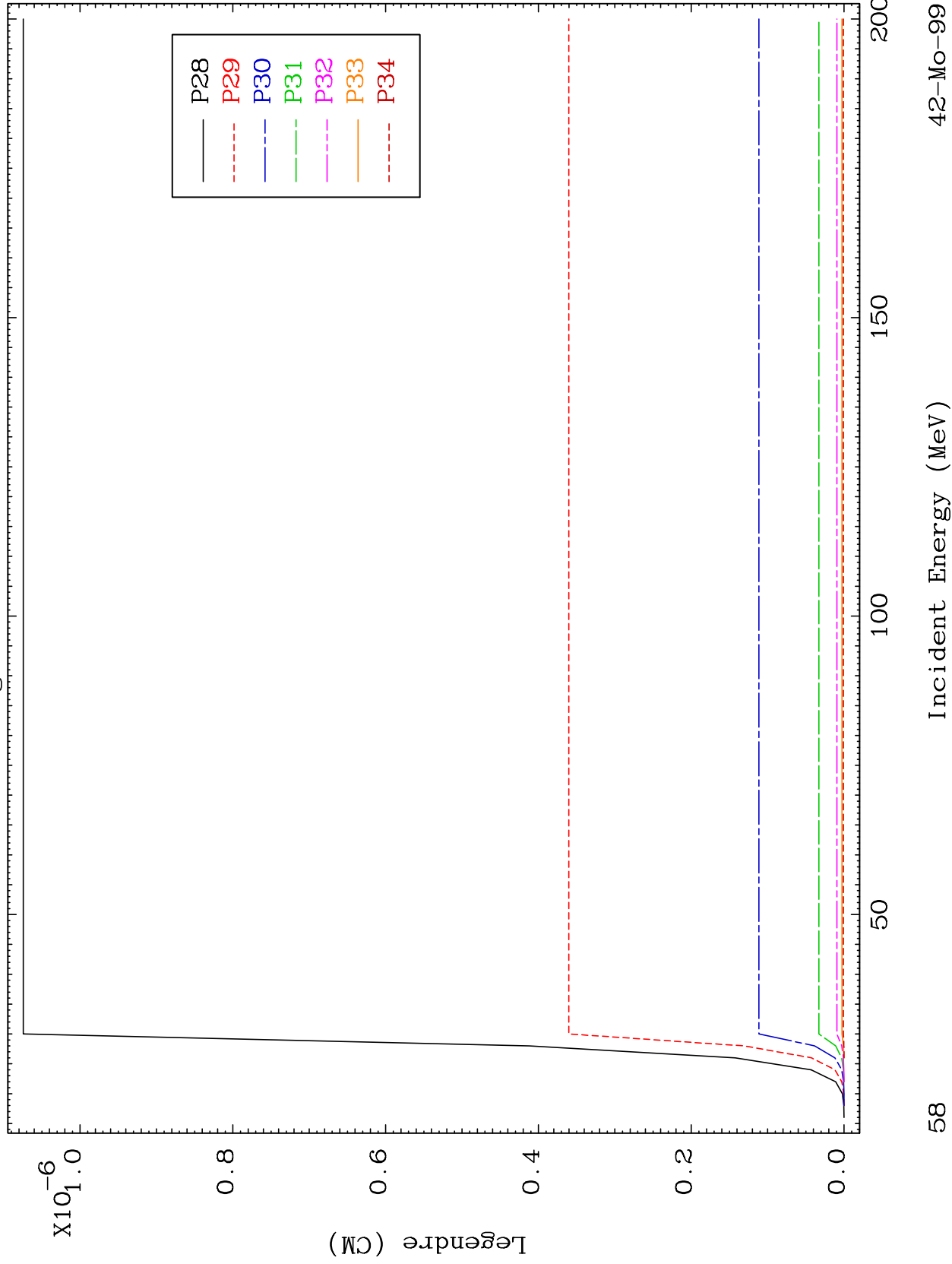
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



58

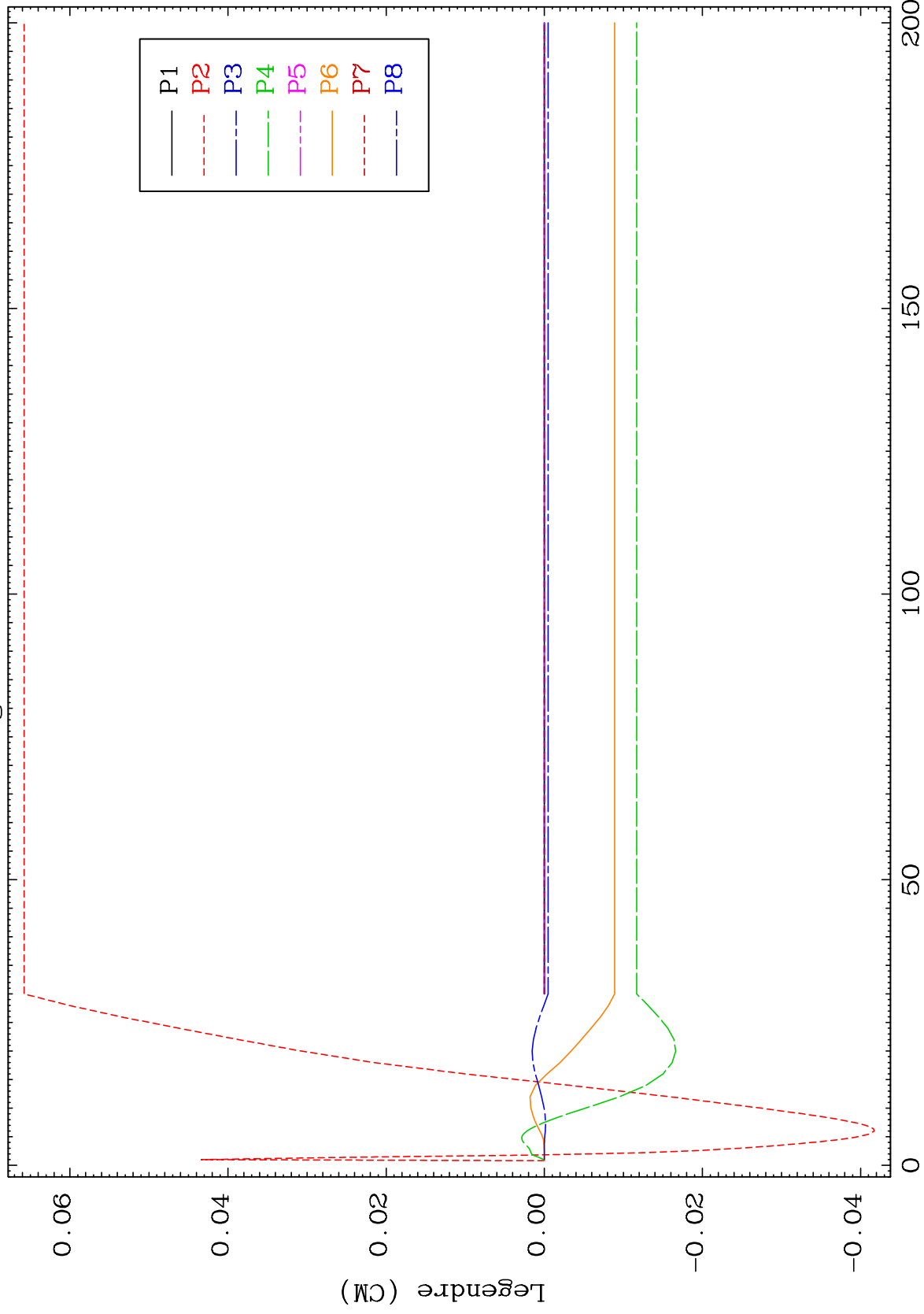
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



59

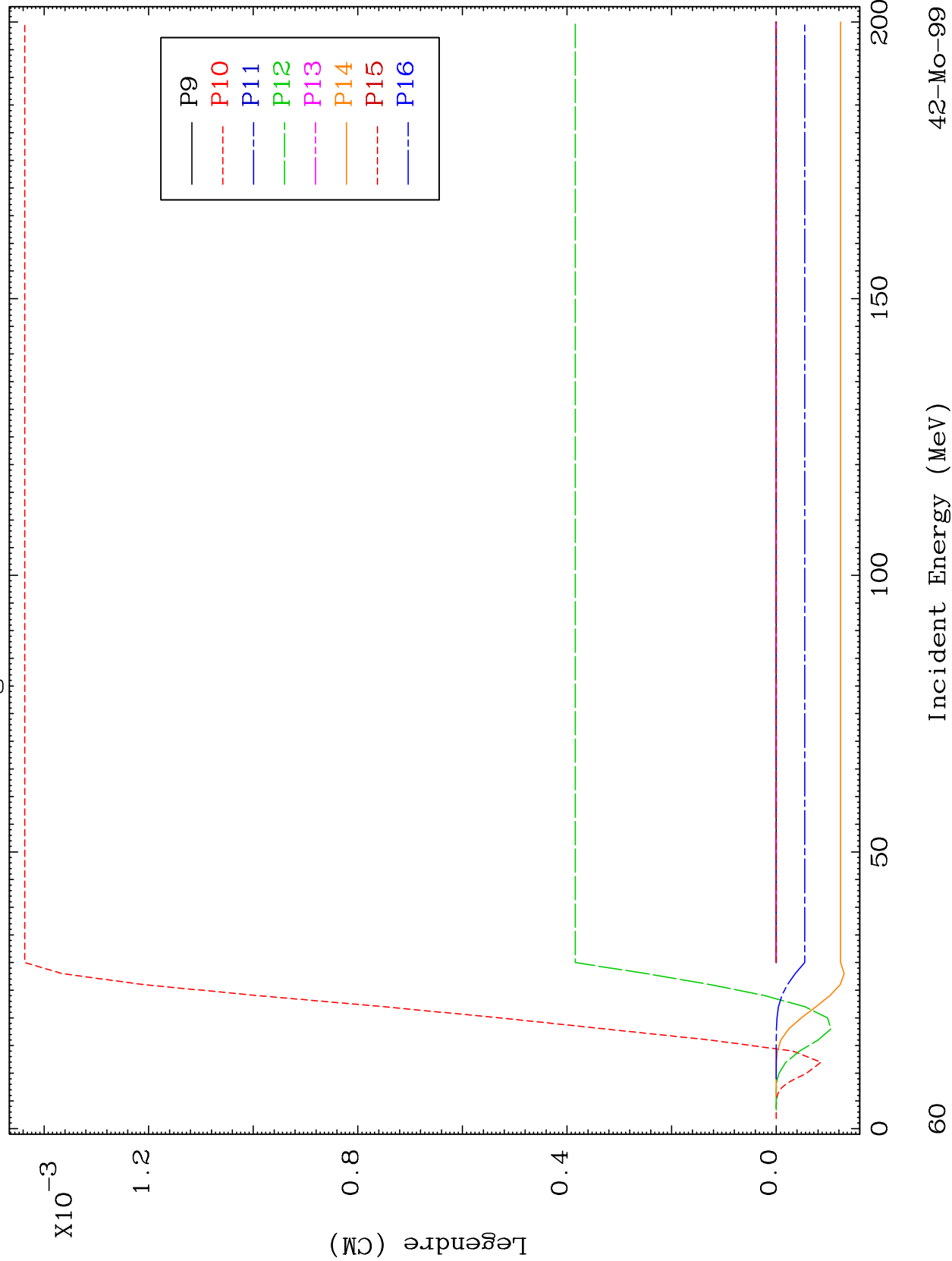
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

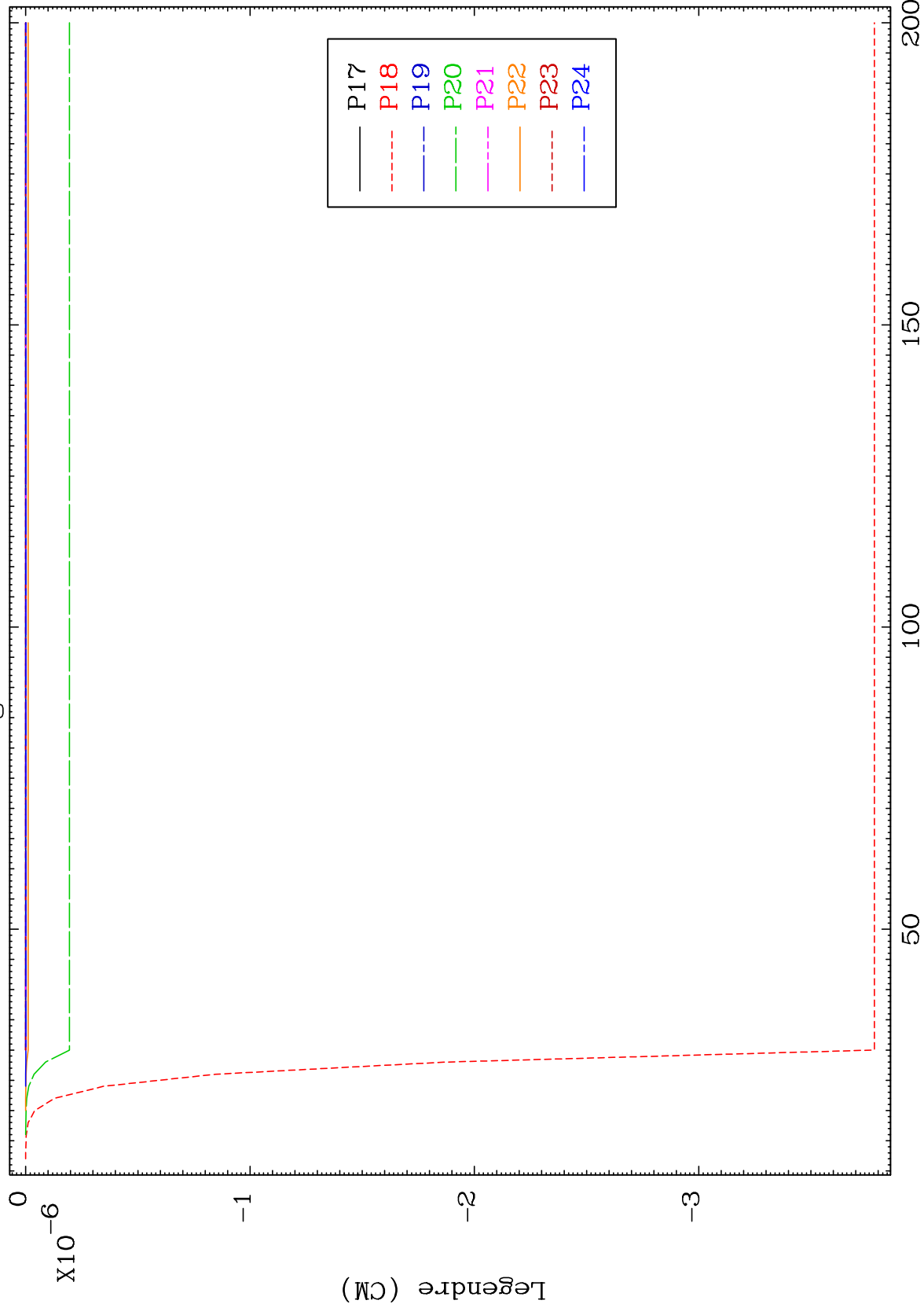
42-Mo-99



MAT 4246

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

42-Mo-99



61

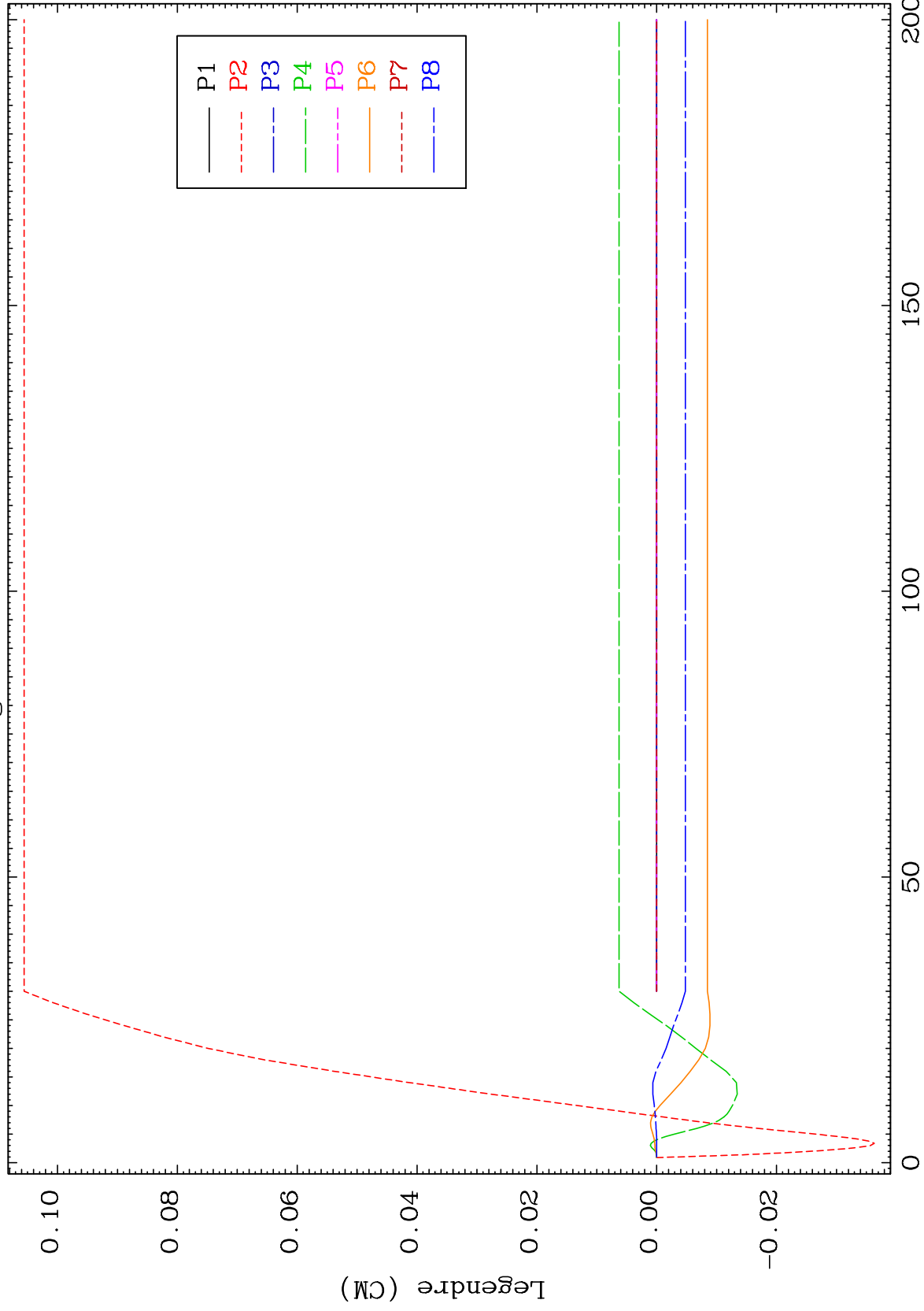
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

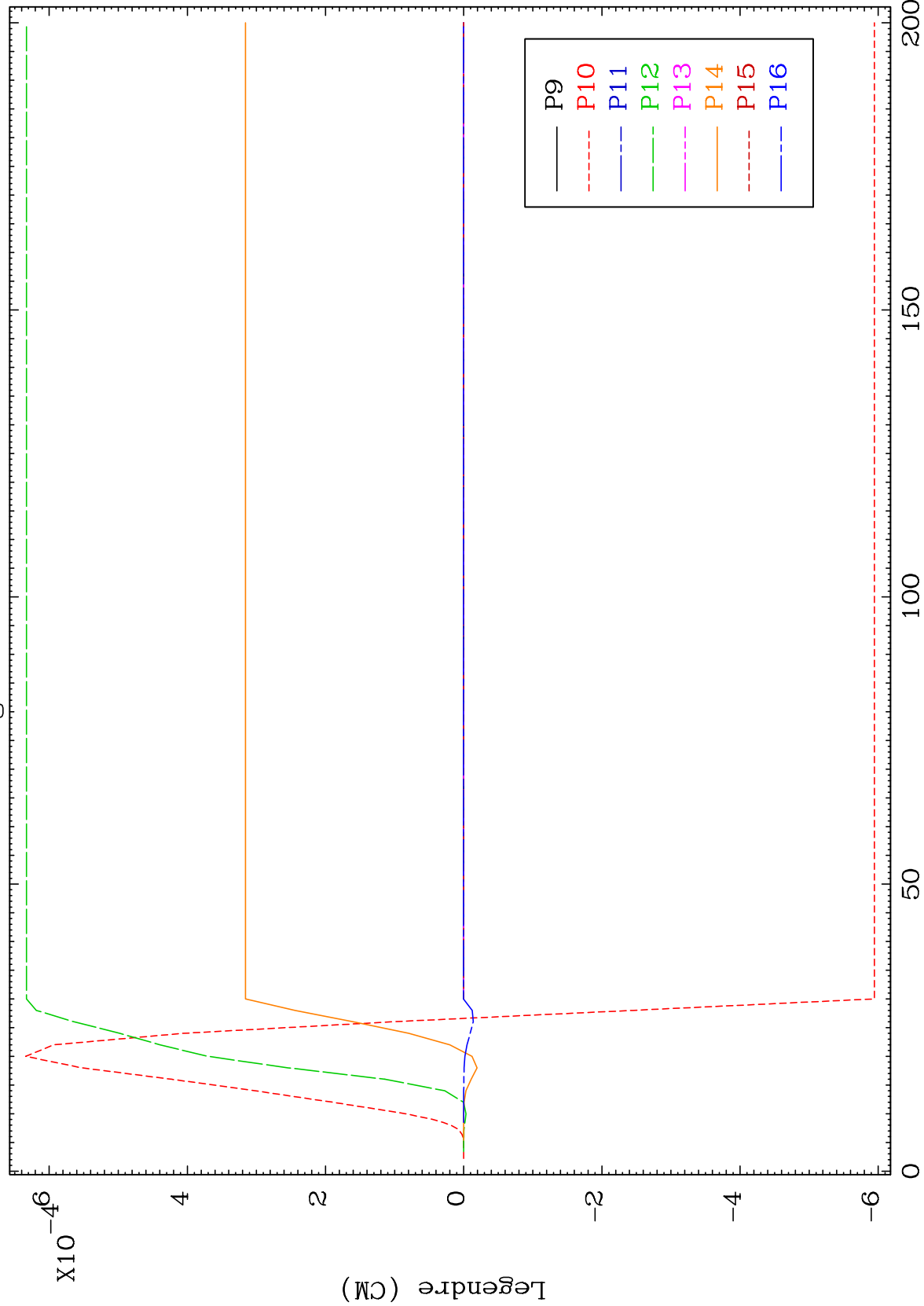
Incident Energy (MeV)

62

MAT 4246

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

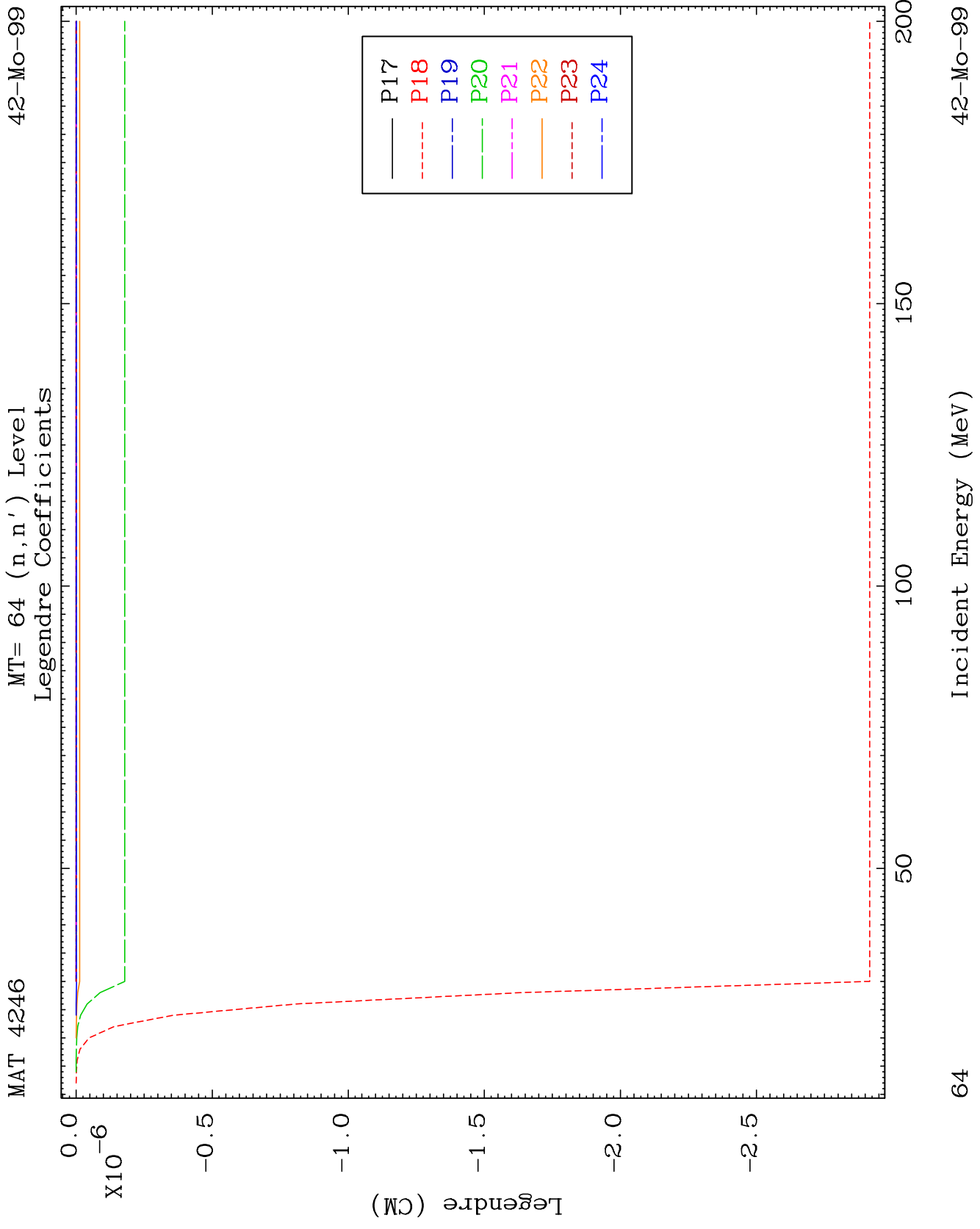
42-Mo-99

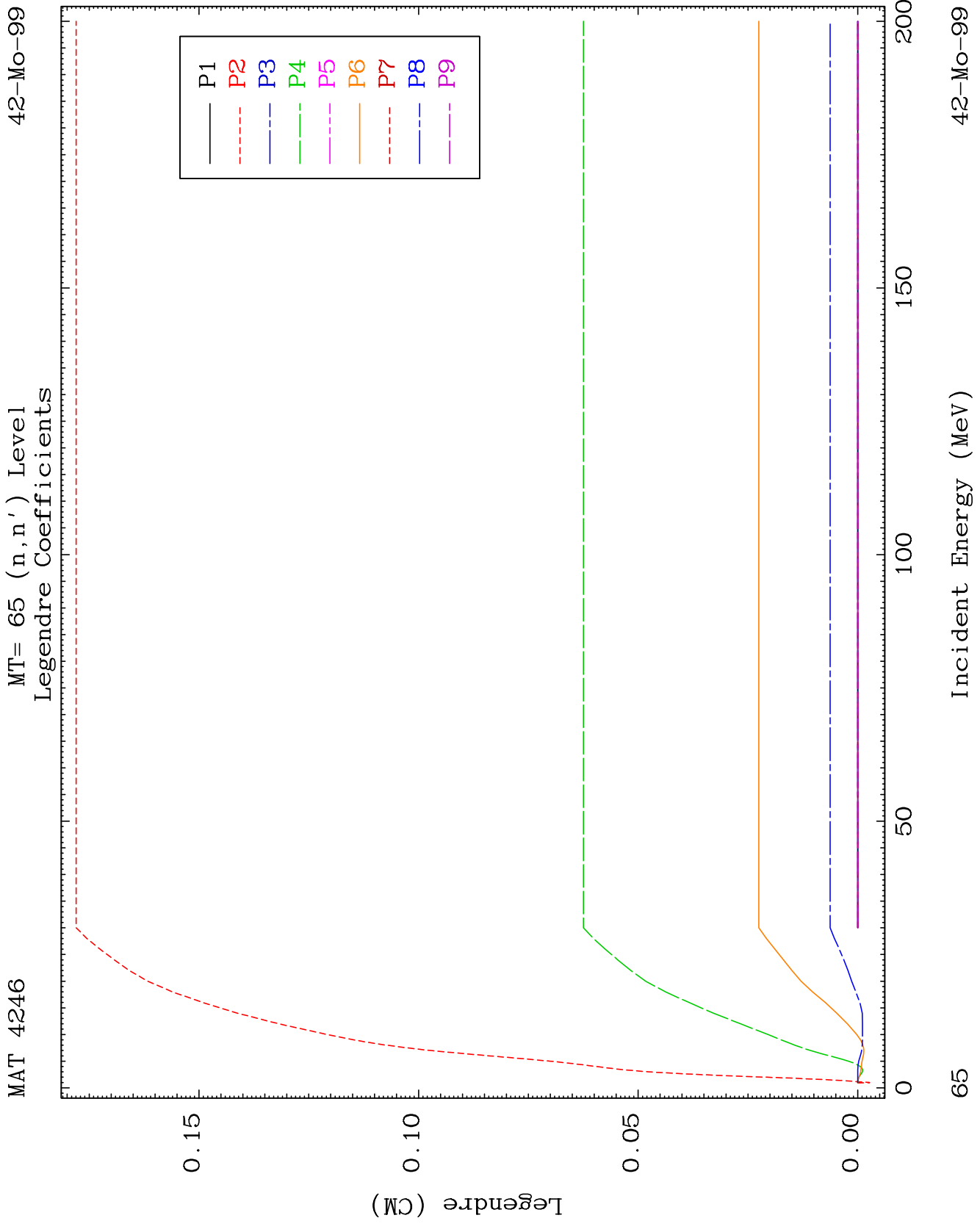


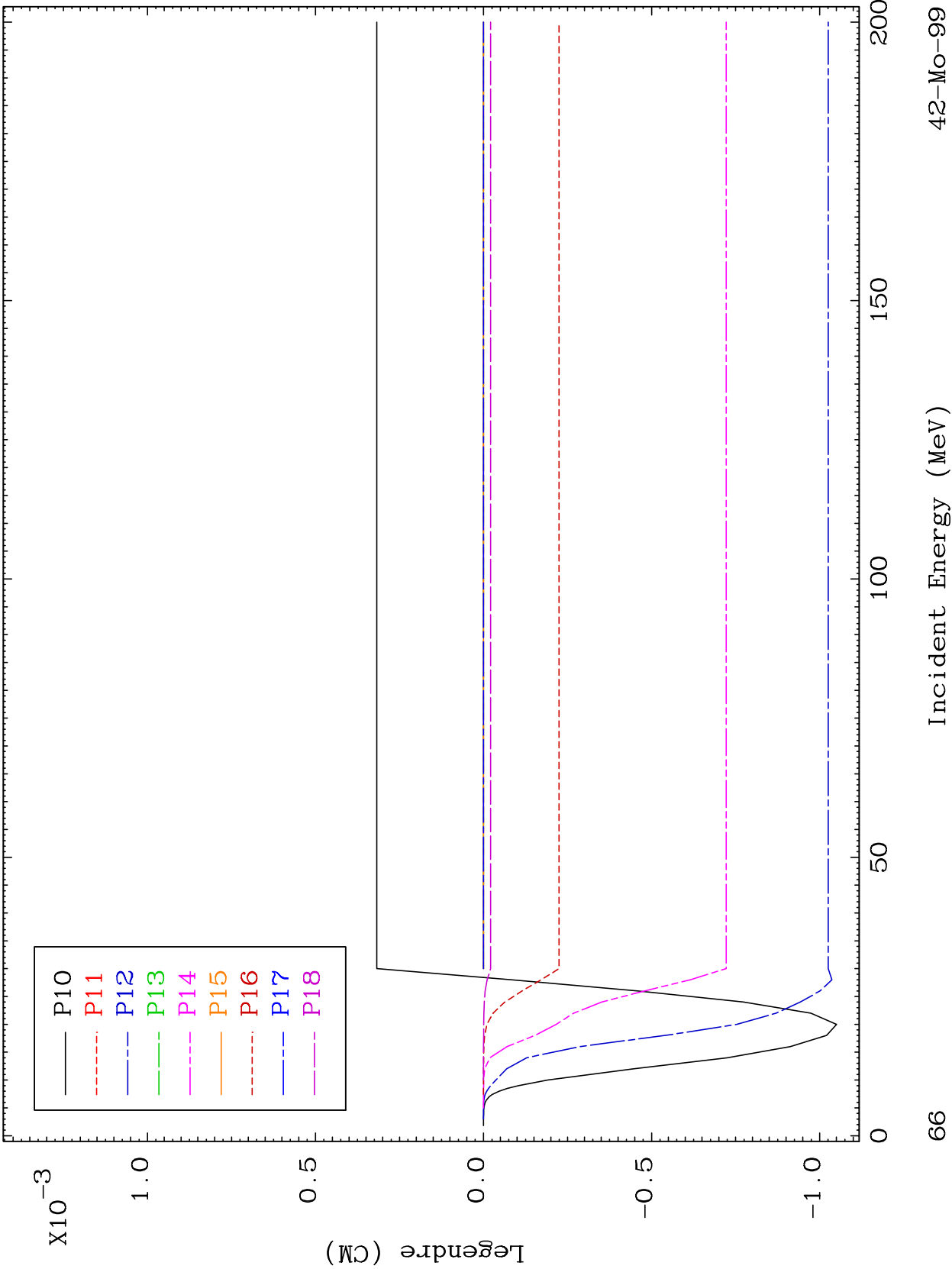
63

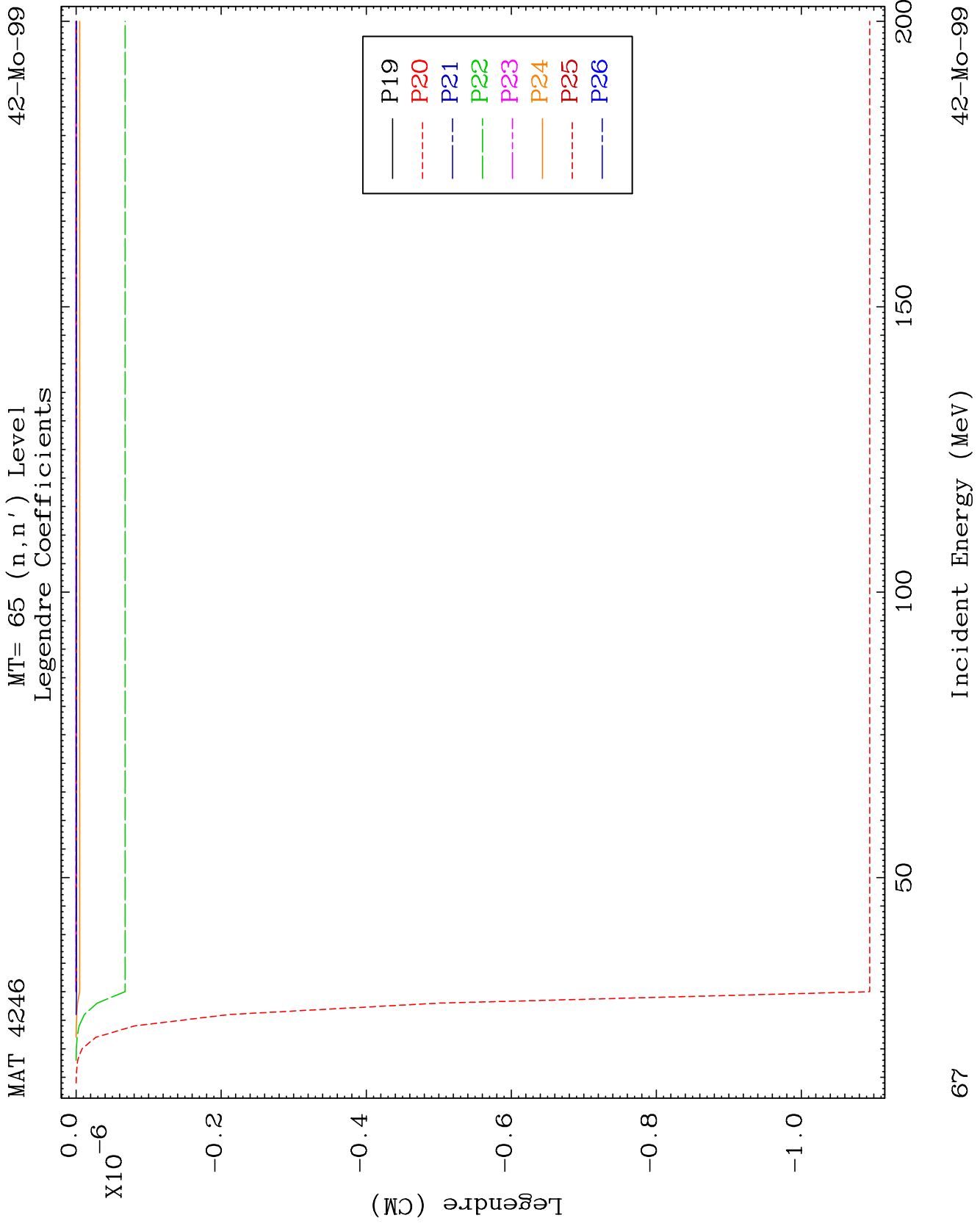
Incident Energy (MeV)

42-Mo-99





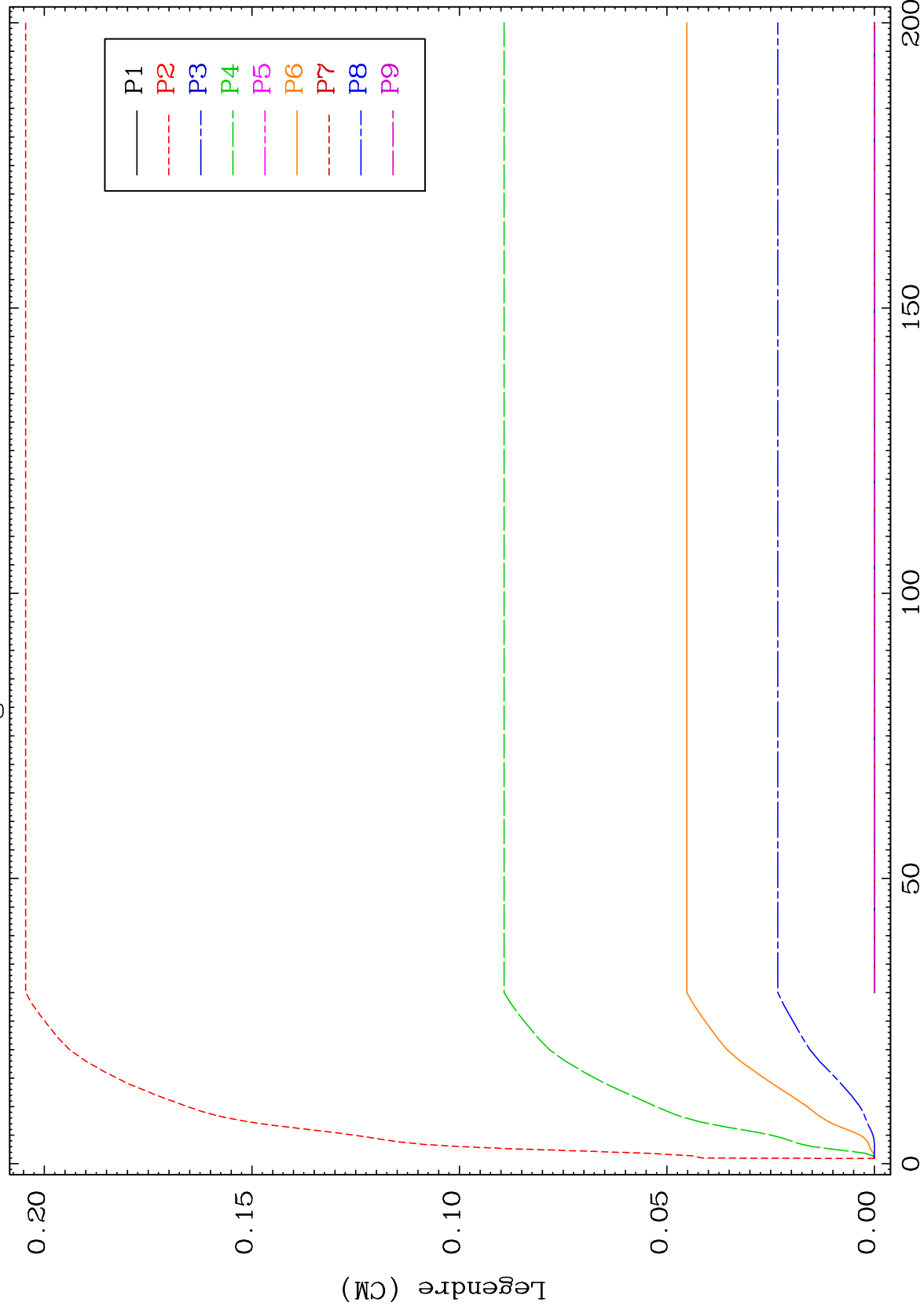




MAT 4246

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

42-Mo-99



68

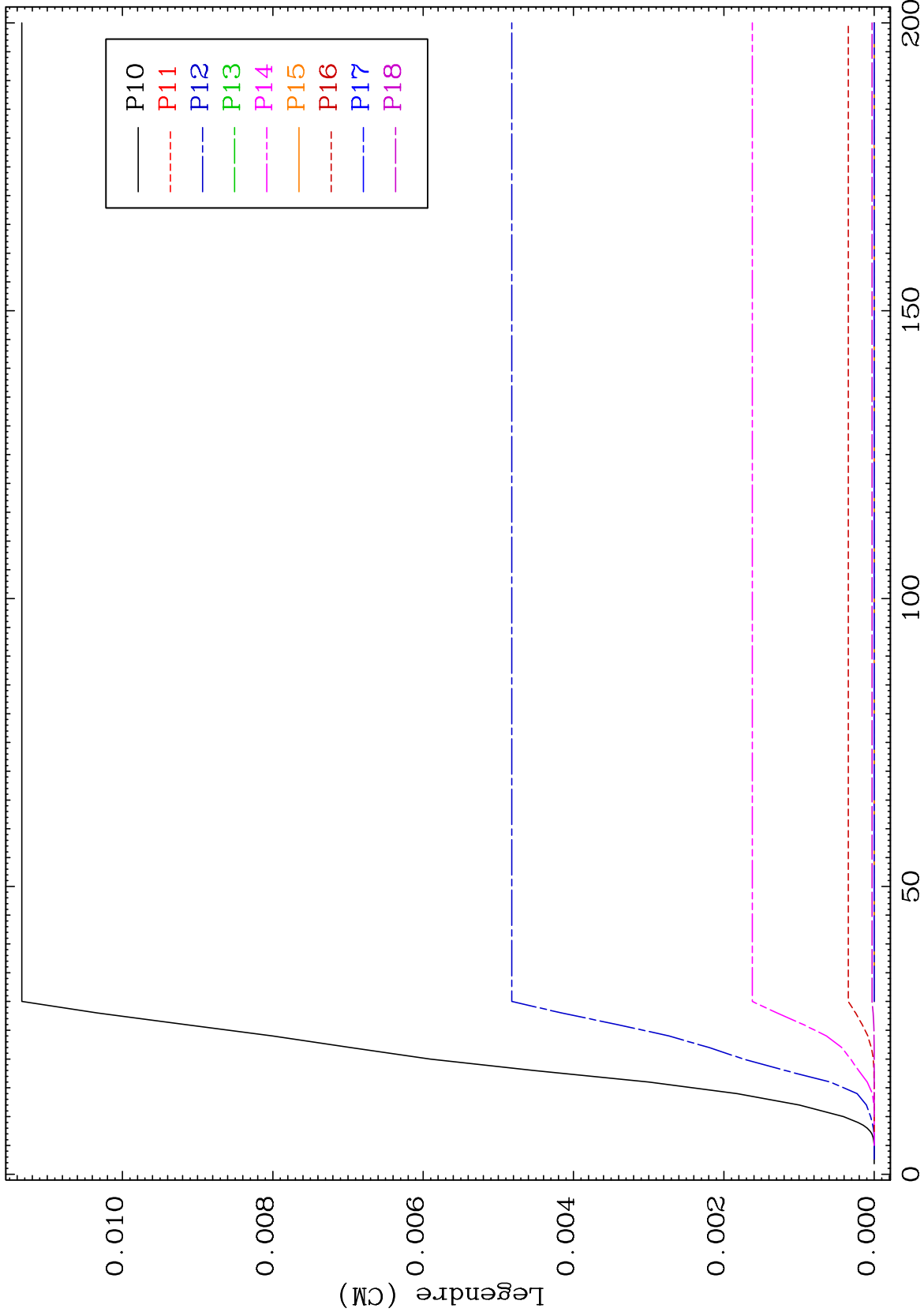
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

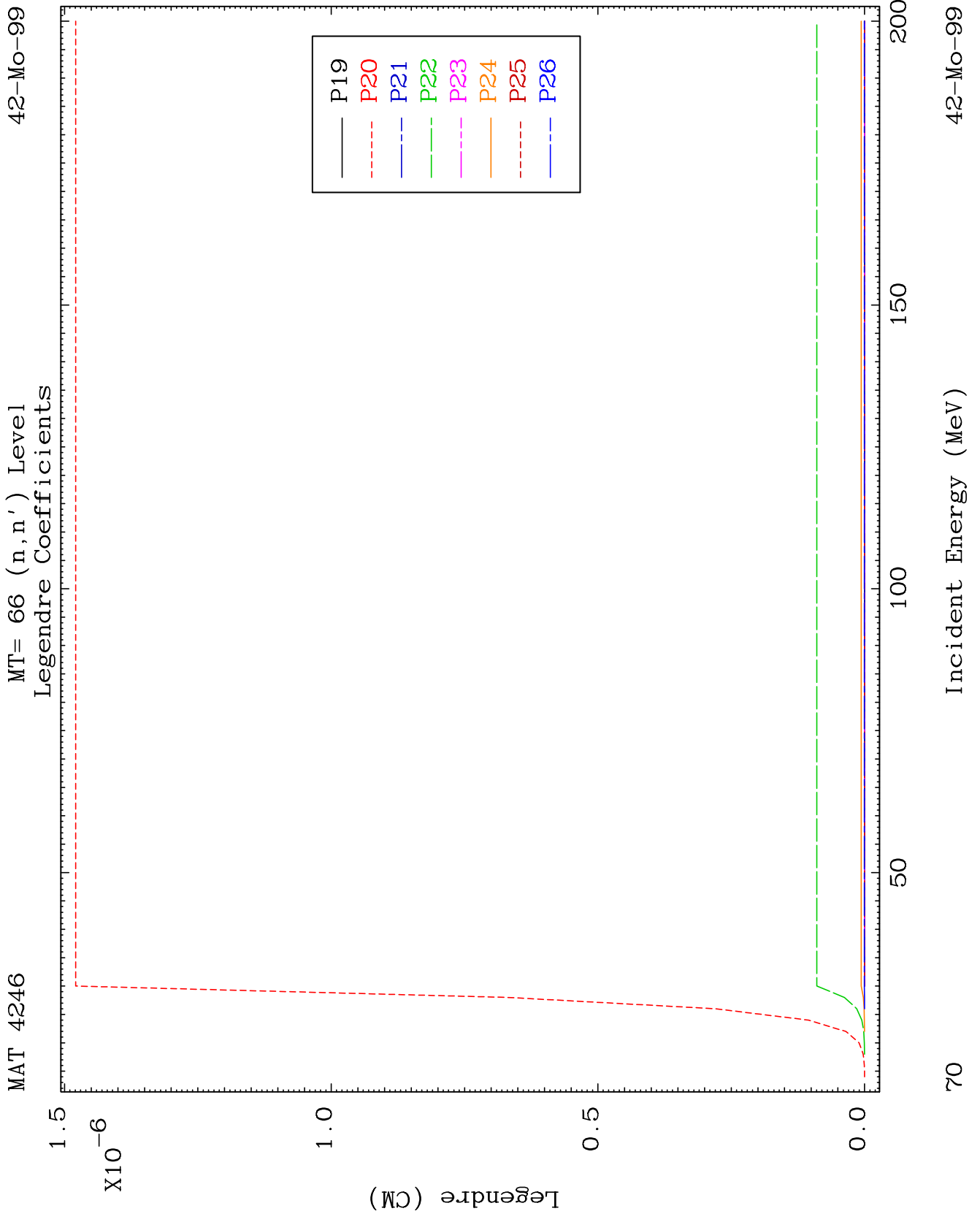
42-Mo-99



69

Incident Energy (MeV)

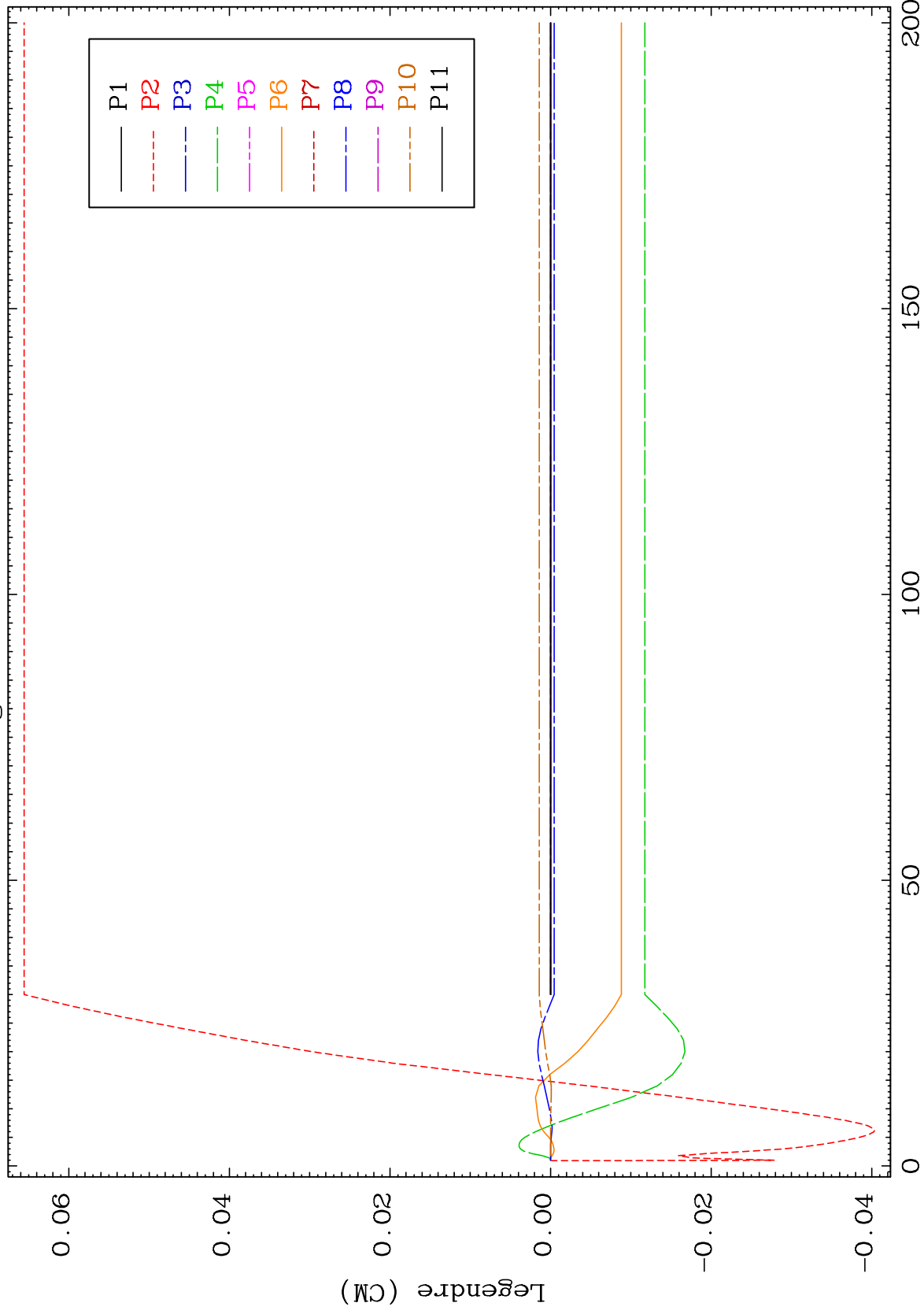
42-Mo-99



MAT 4246

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

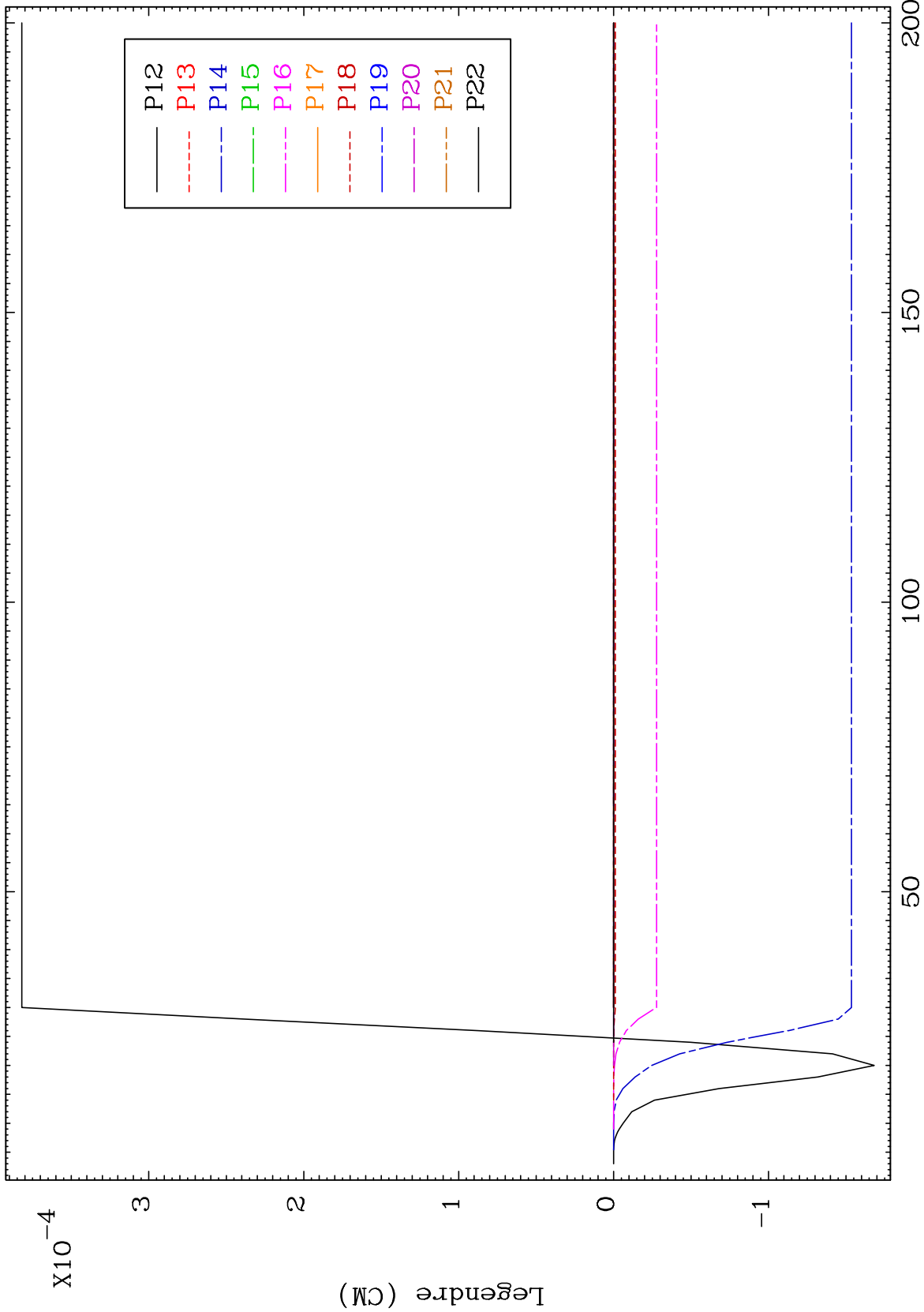
42-Mo-99

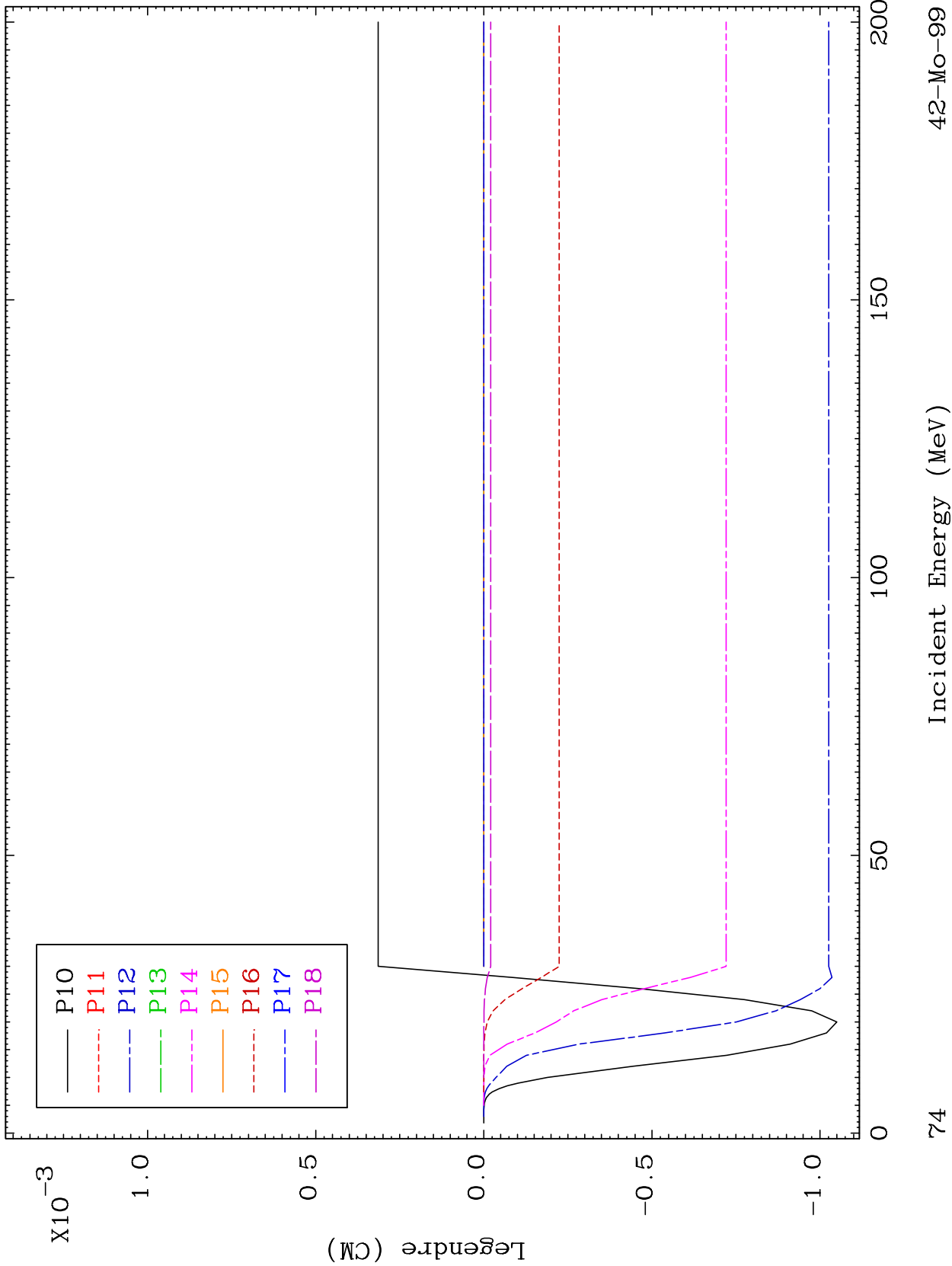


71

Incident Energy (MeV)

42-Mo-99

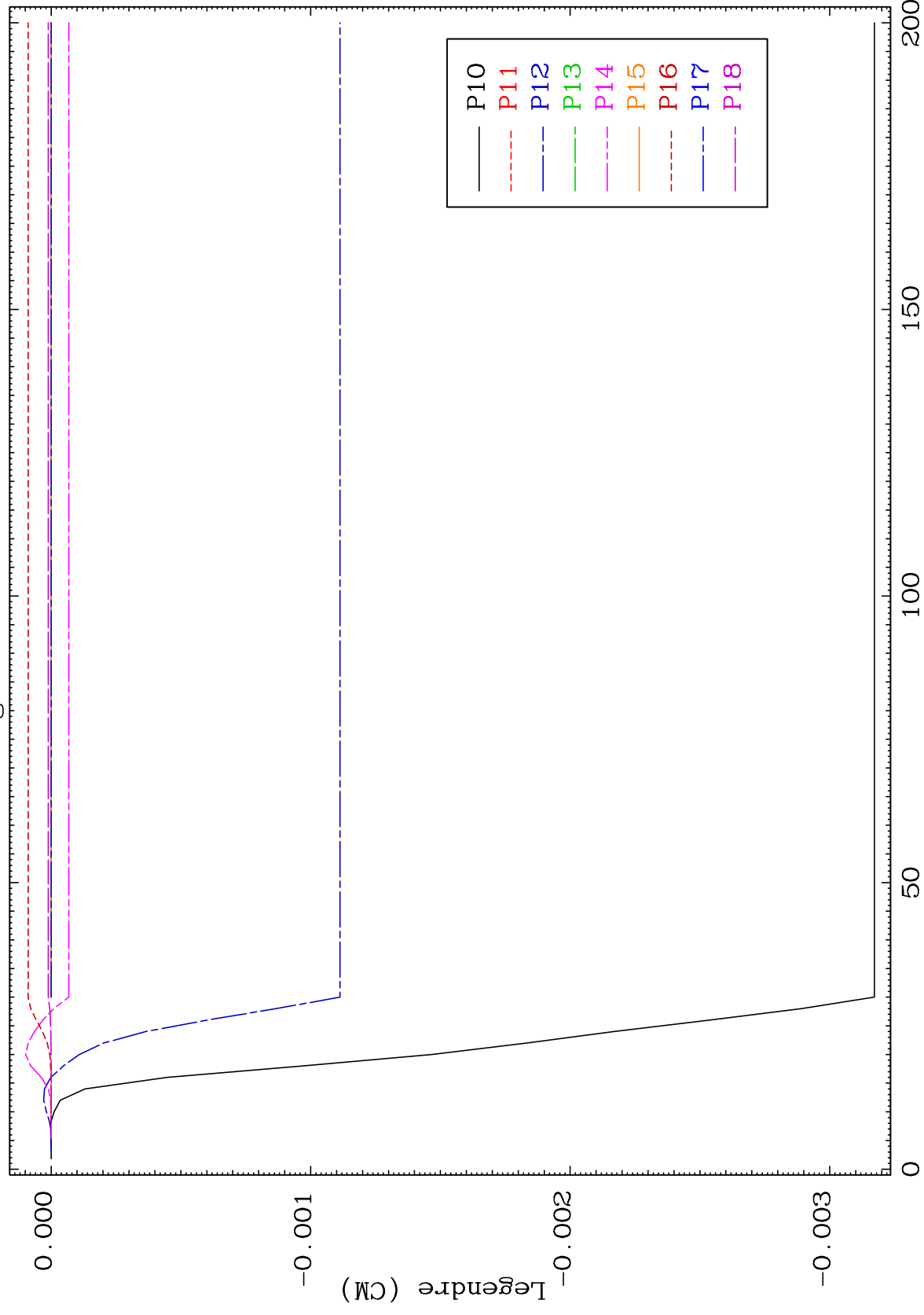




MAT 4246

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

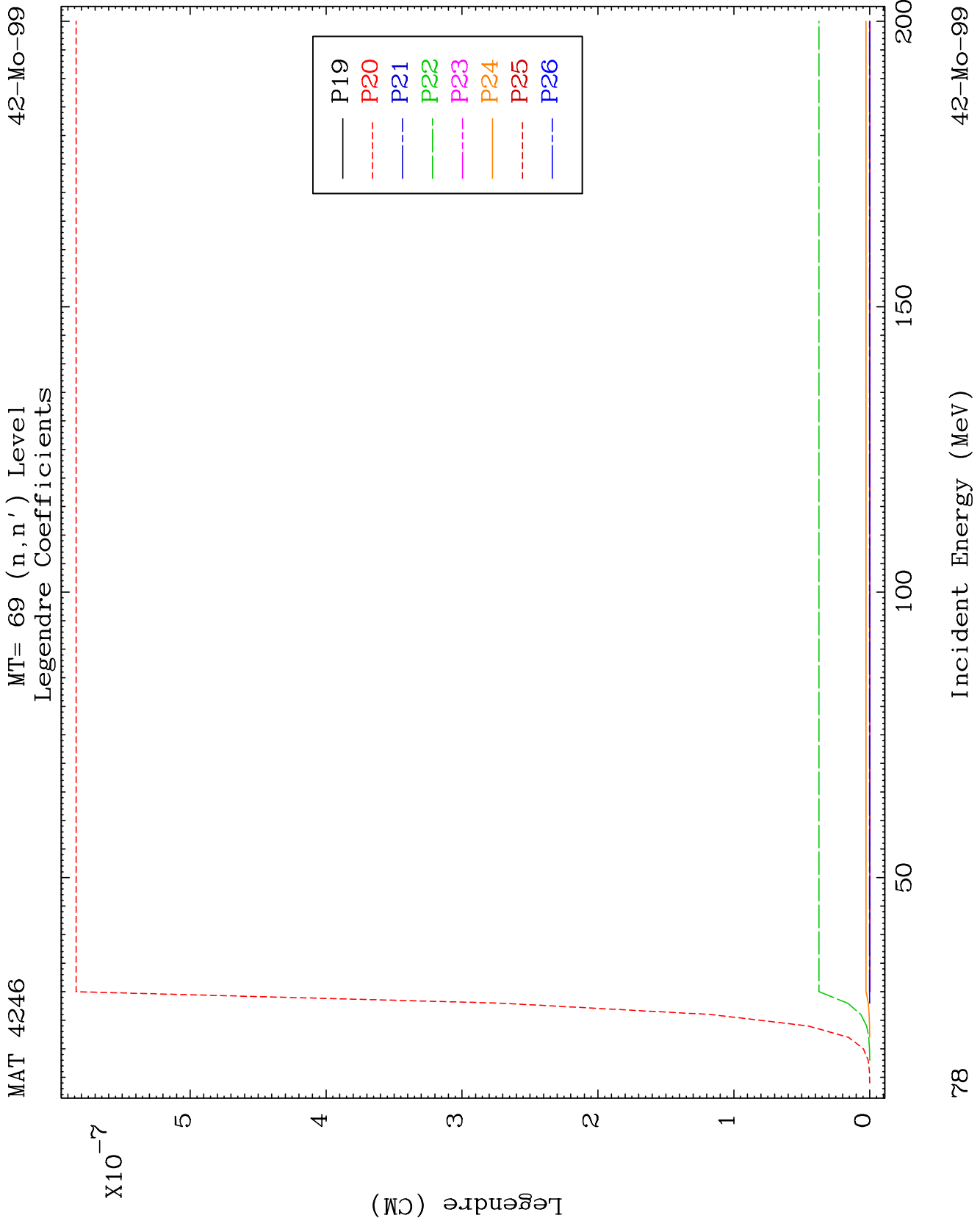
42-Mo-99



77

Incident Energy (MeV)

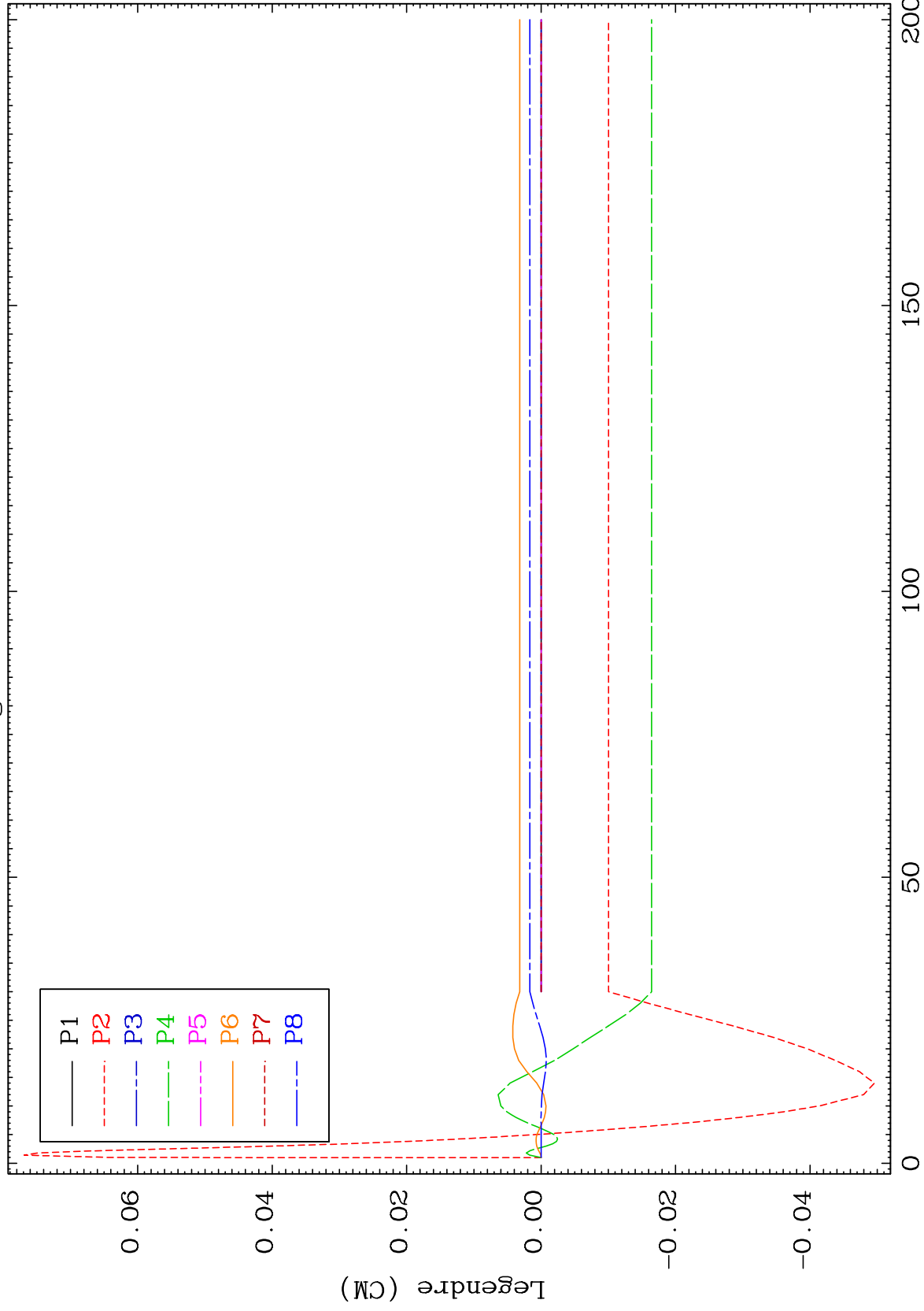
42-Mo-99



MAT 4246

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-99



79

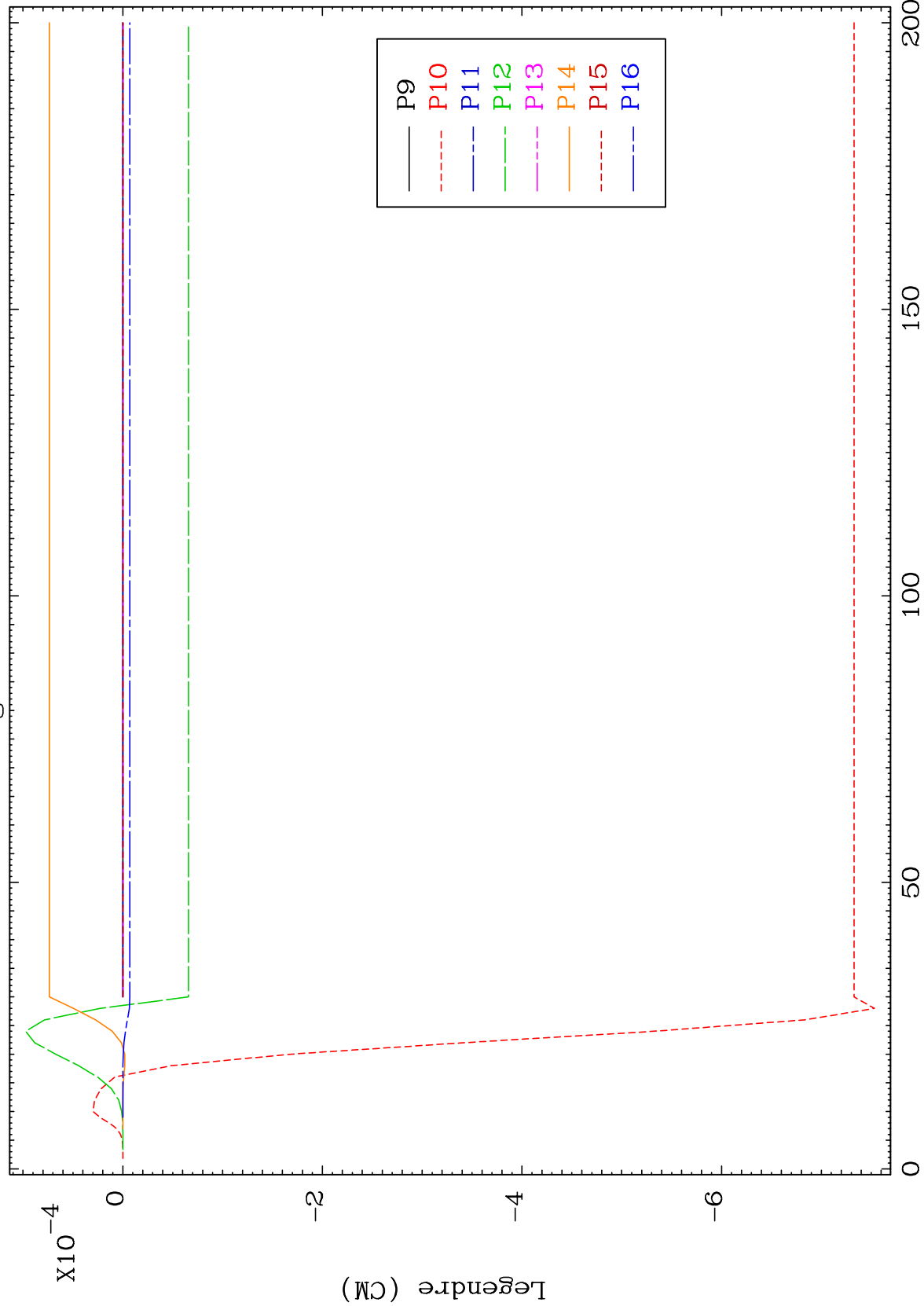
Incident Energy (MeV)

42-Mo-99

MAT 4246

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-99



80

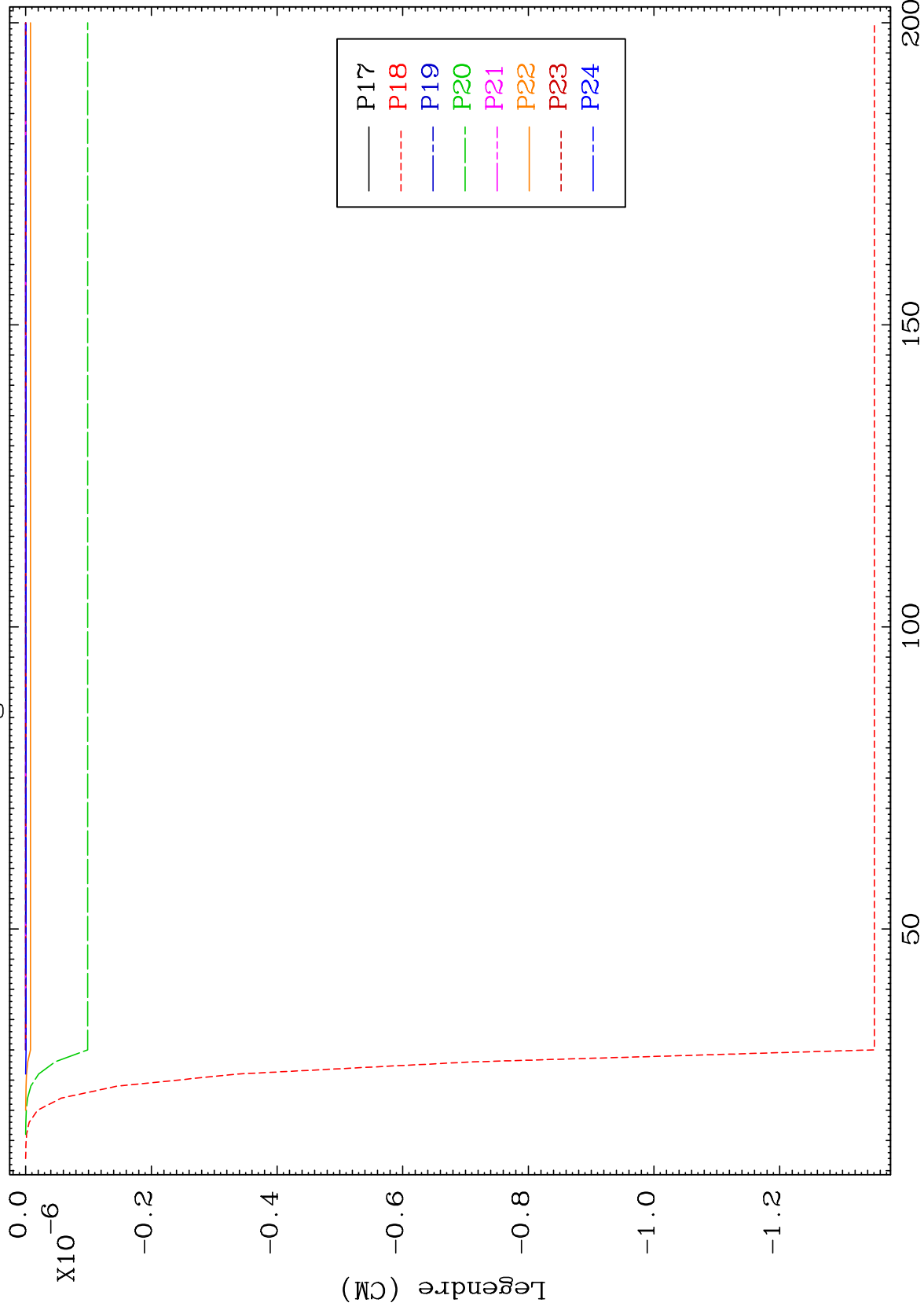
Incident Energy (MeV)

42-Mo-99

MAT 4246

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-99



81

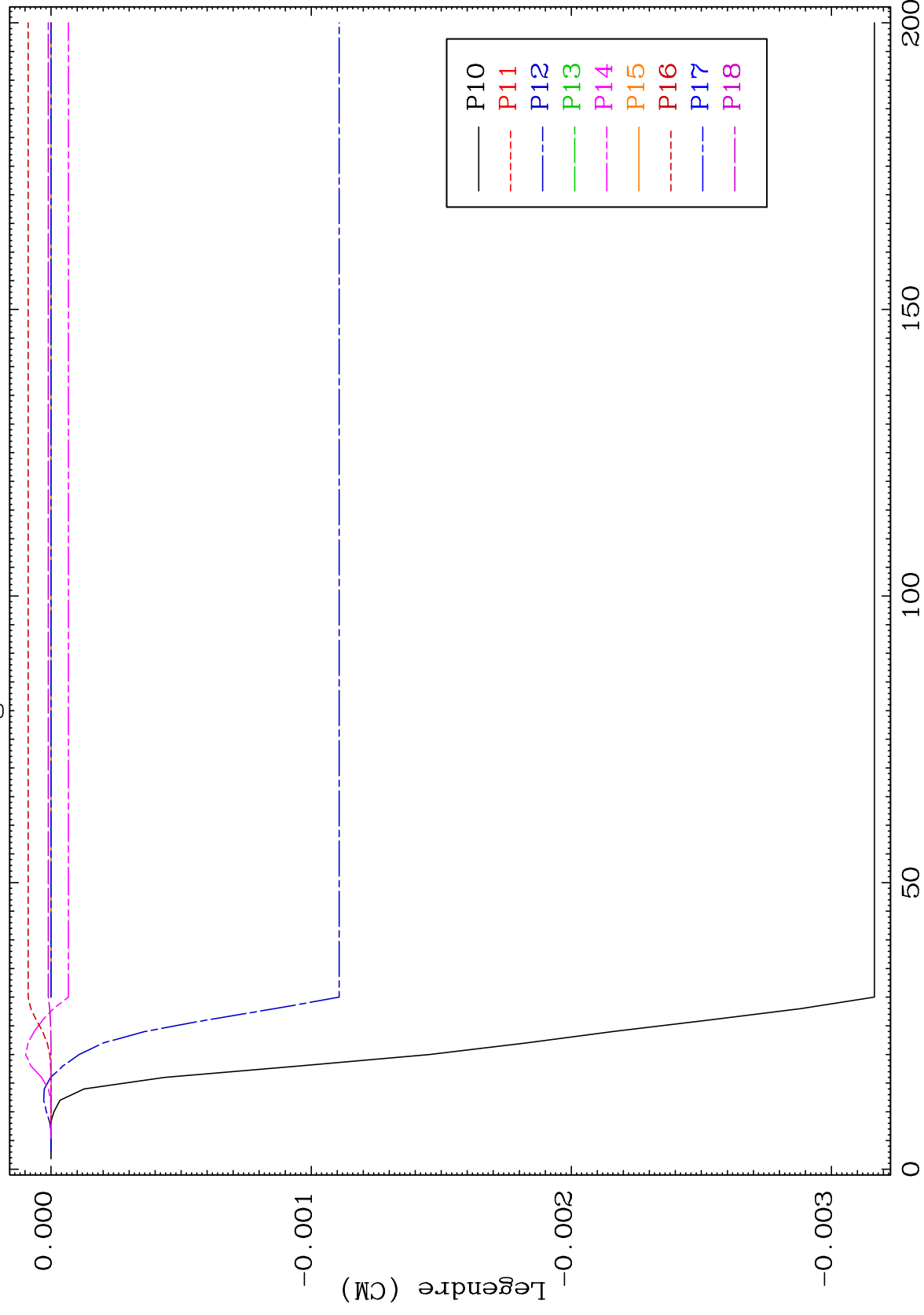
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

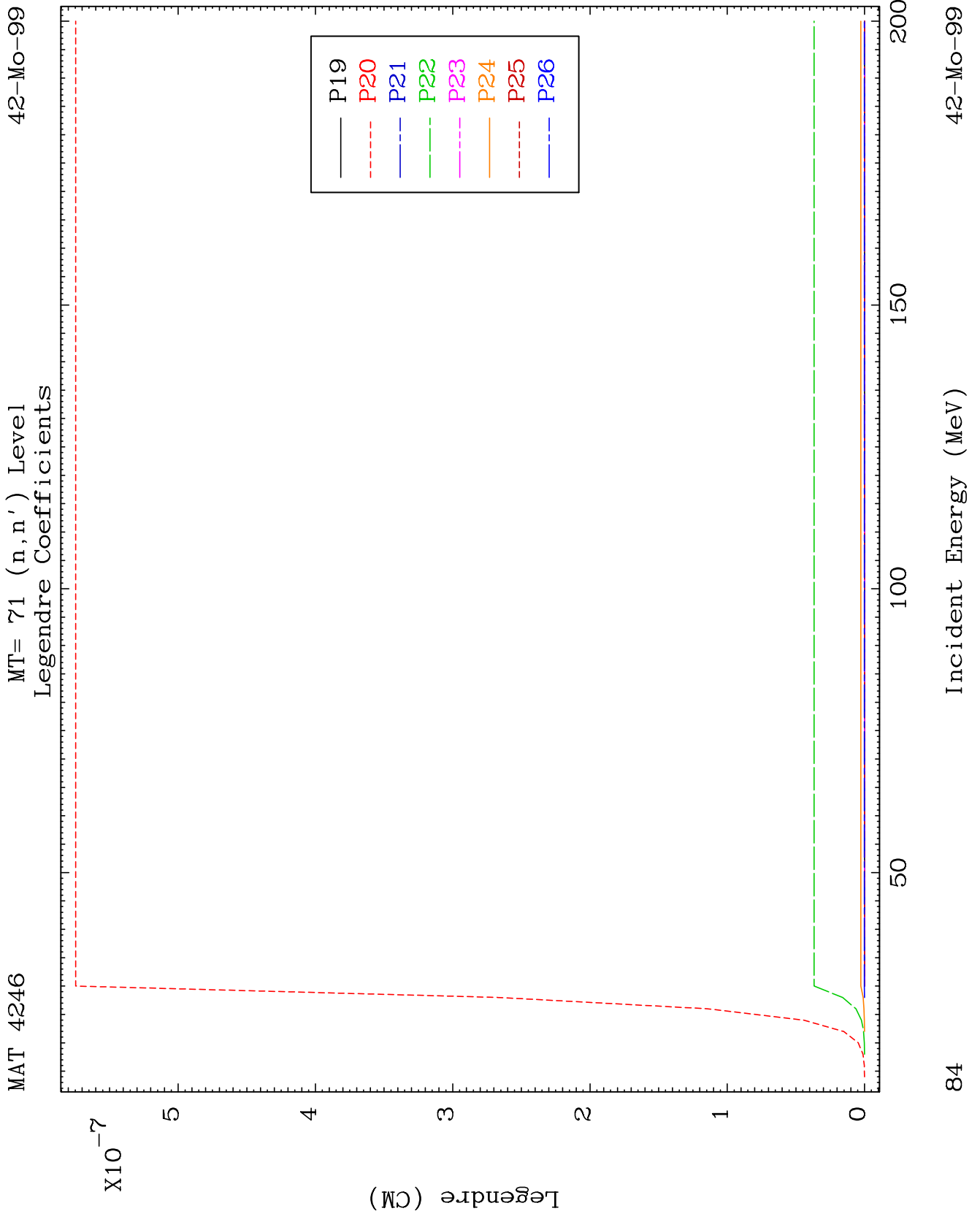
42-Mo-99



83

Incident Energy (MeV)

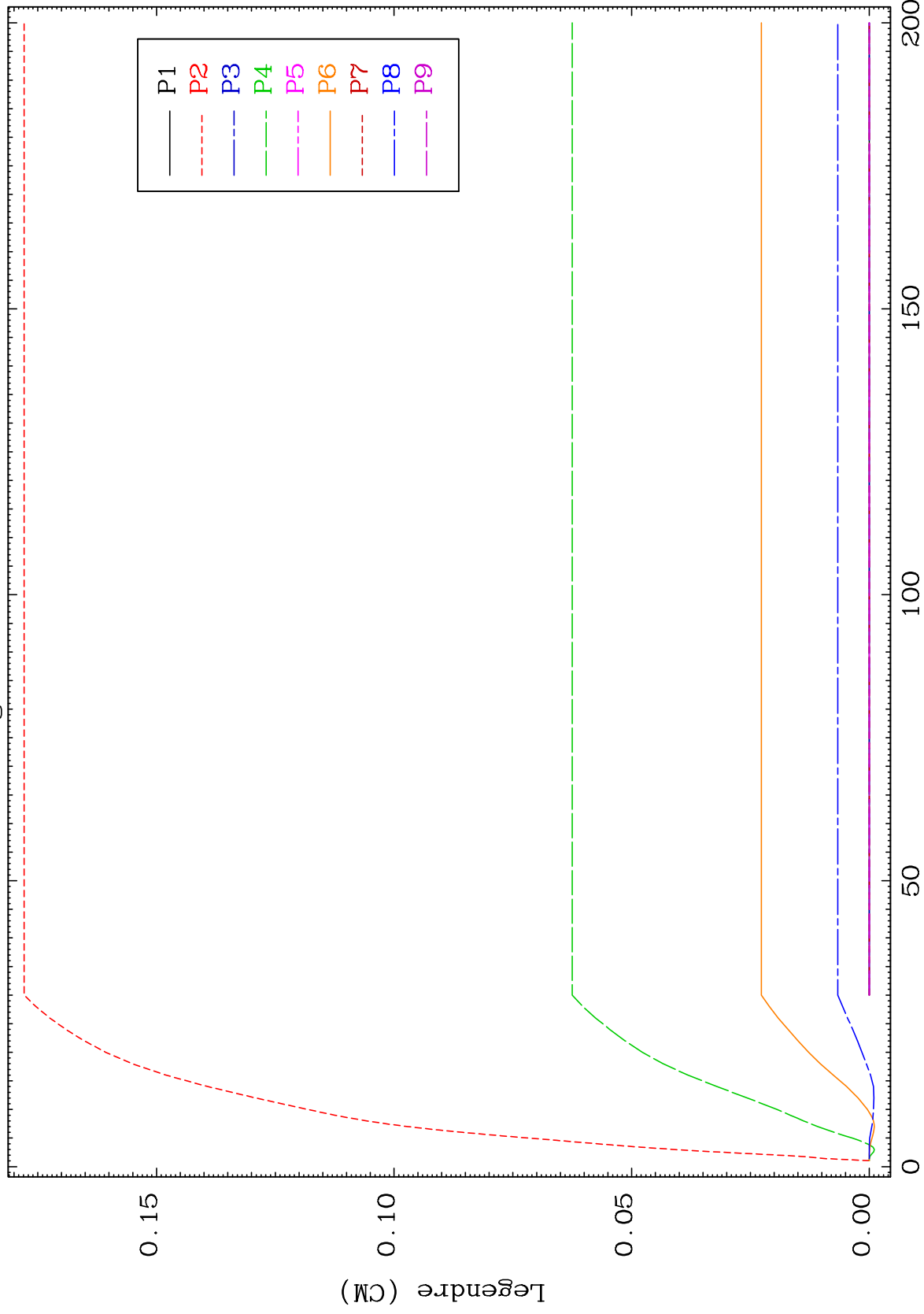
42-Mo-99



MAT 4246

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

42-Mo-99



85

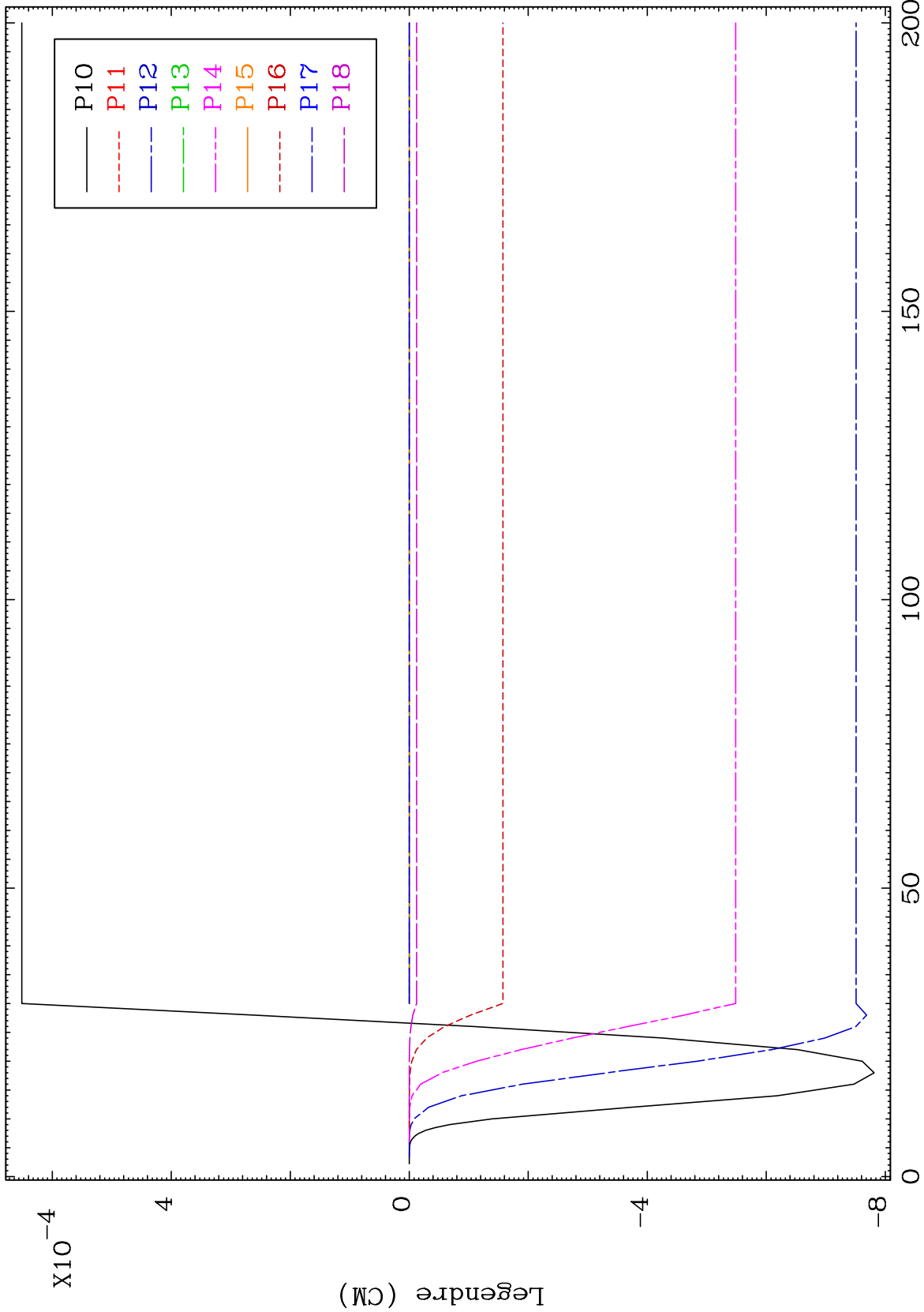
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

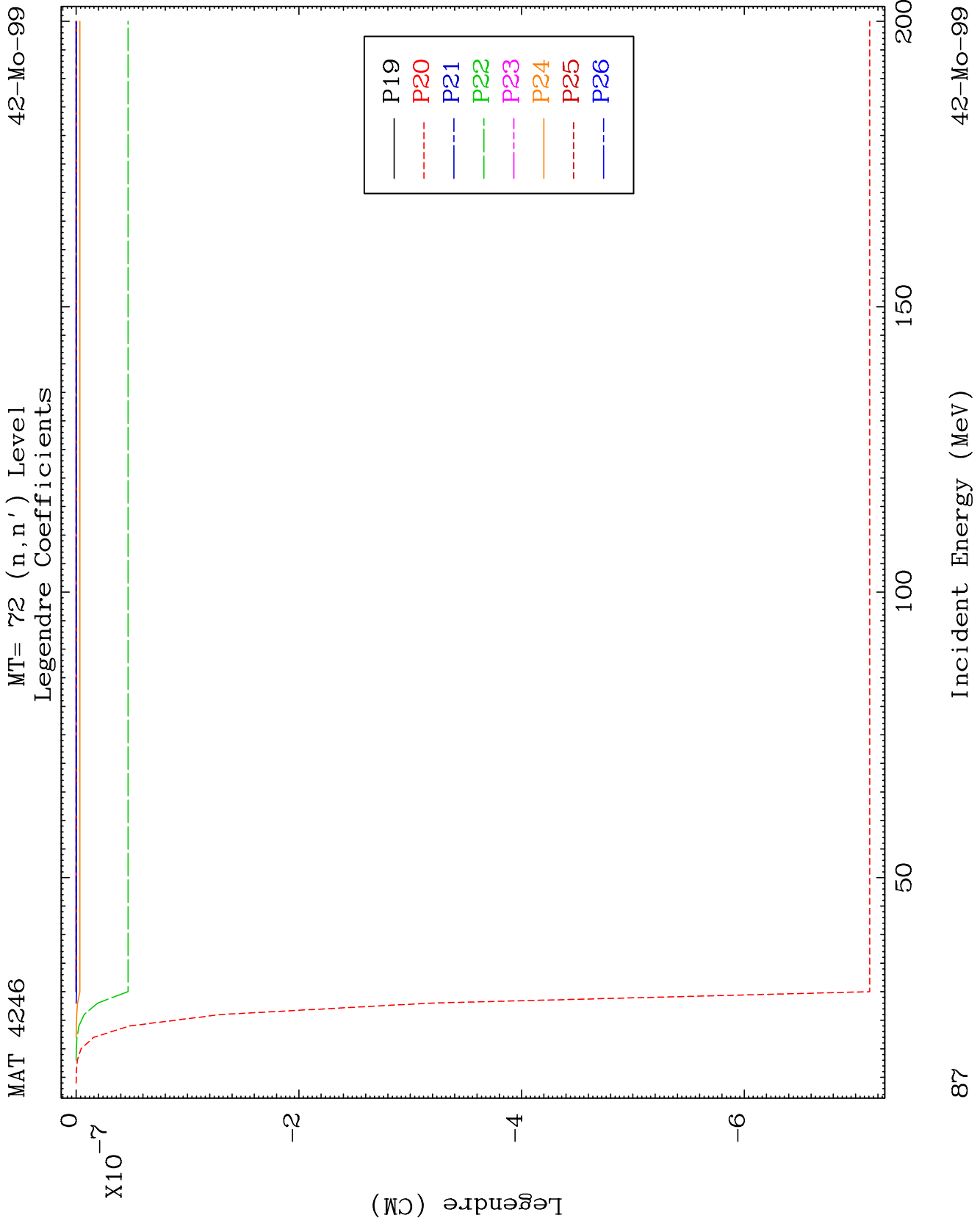
42-Mo-99



86

Incident Energy (MeV)

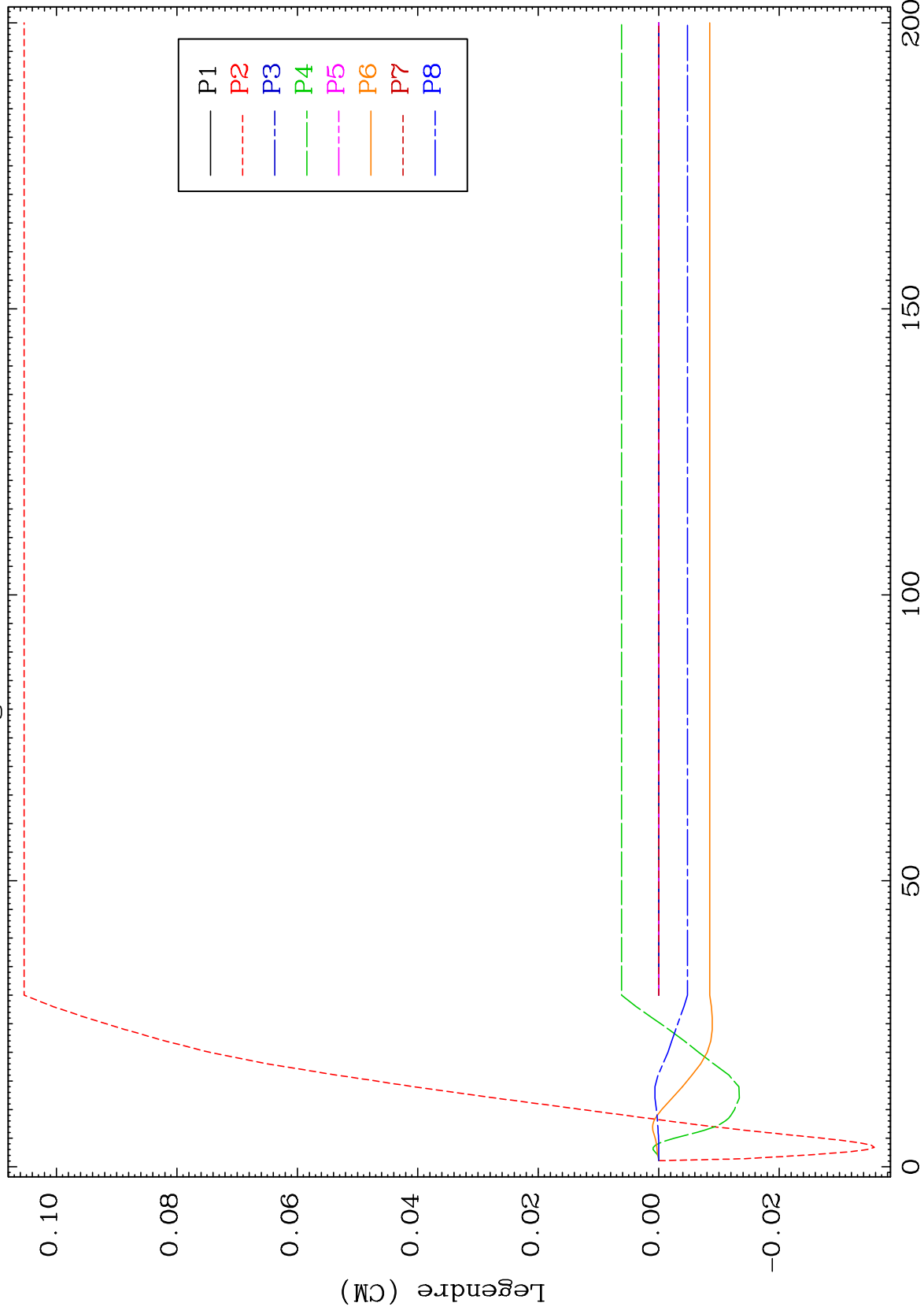
42-Mo-99



MAT 4246

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

42-Mo-99



42-Mo-99

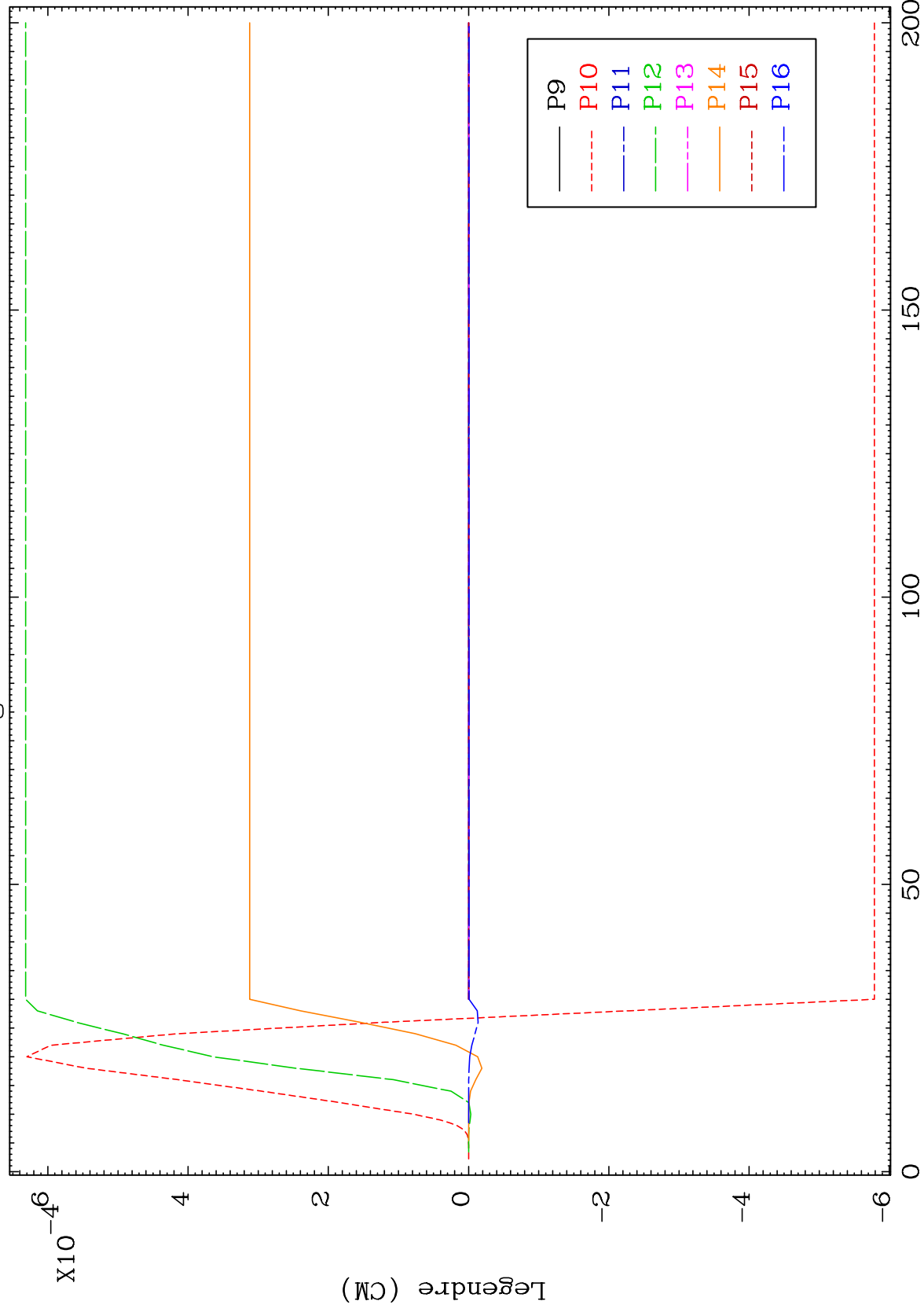
Incident Energy (MeV)

88

MAT 4246

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

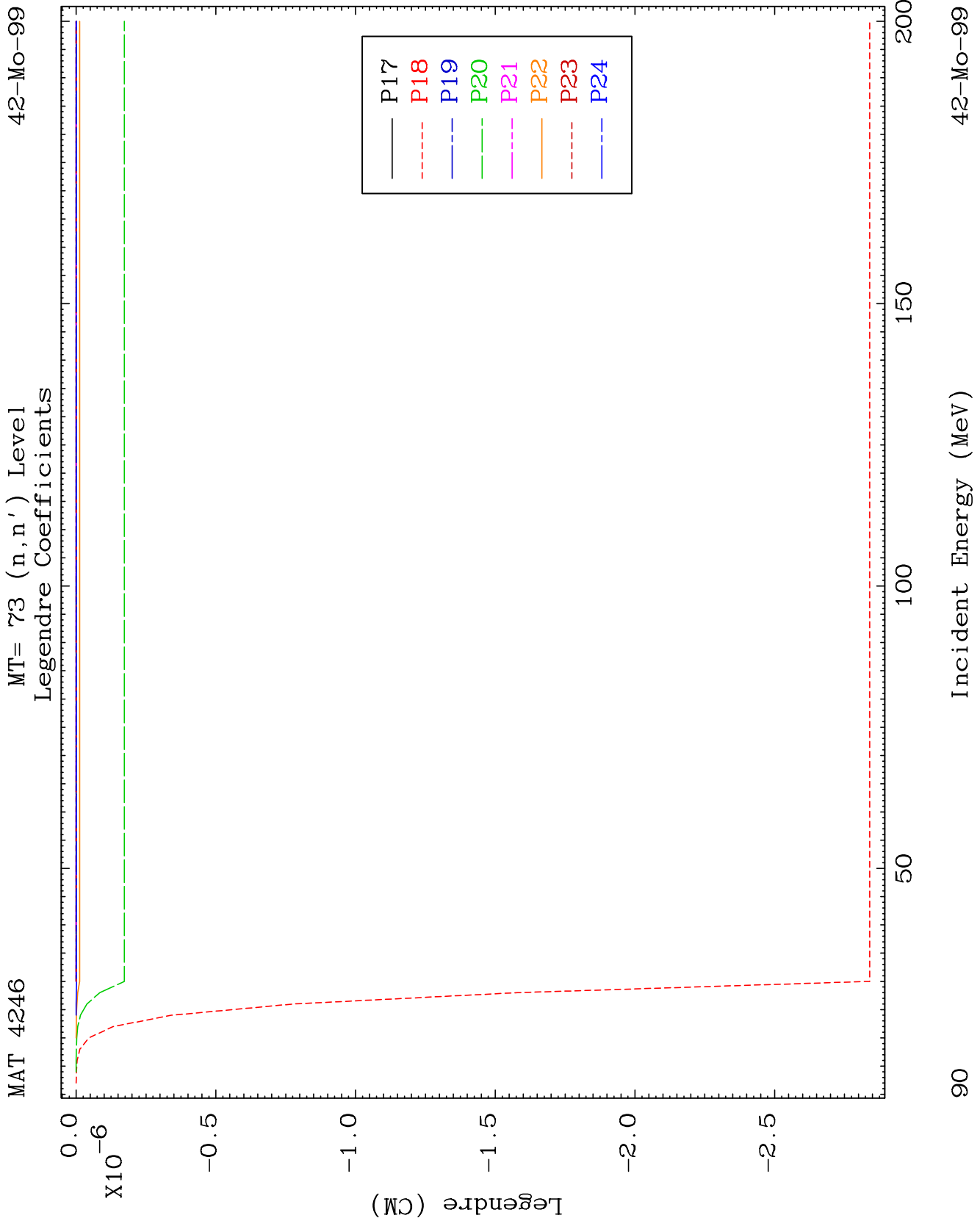
42-Mo-99



89

Incident Energy (MeV)

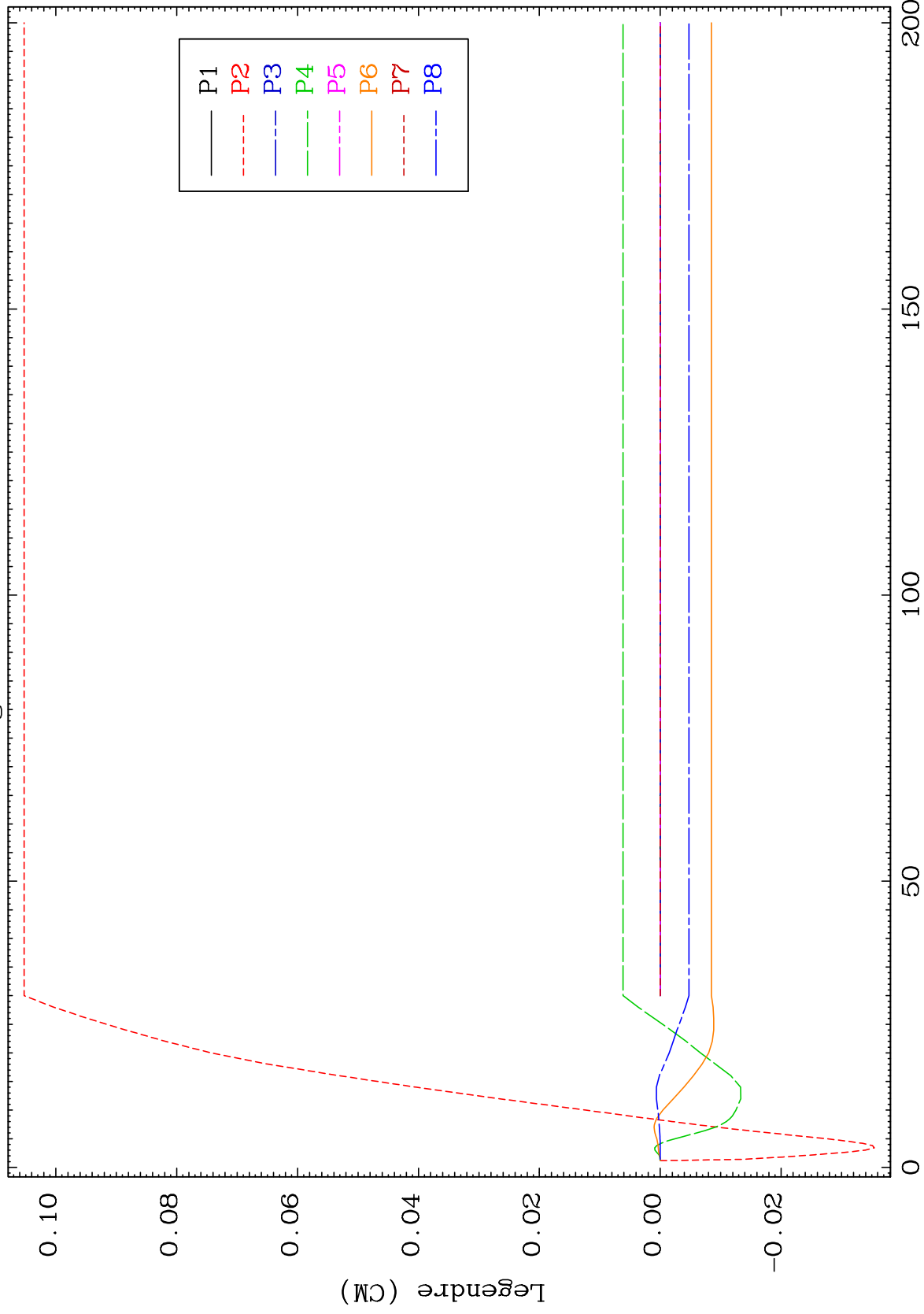
42-Mo-99



MAT 4246

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

42-Mo-99



91

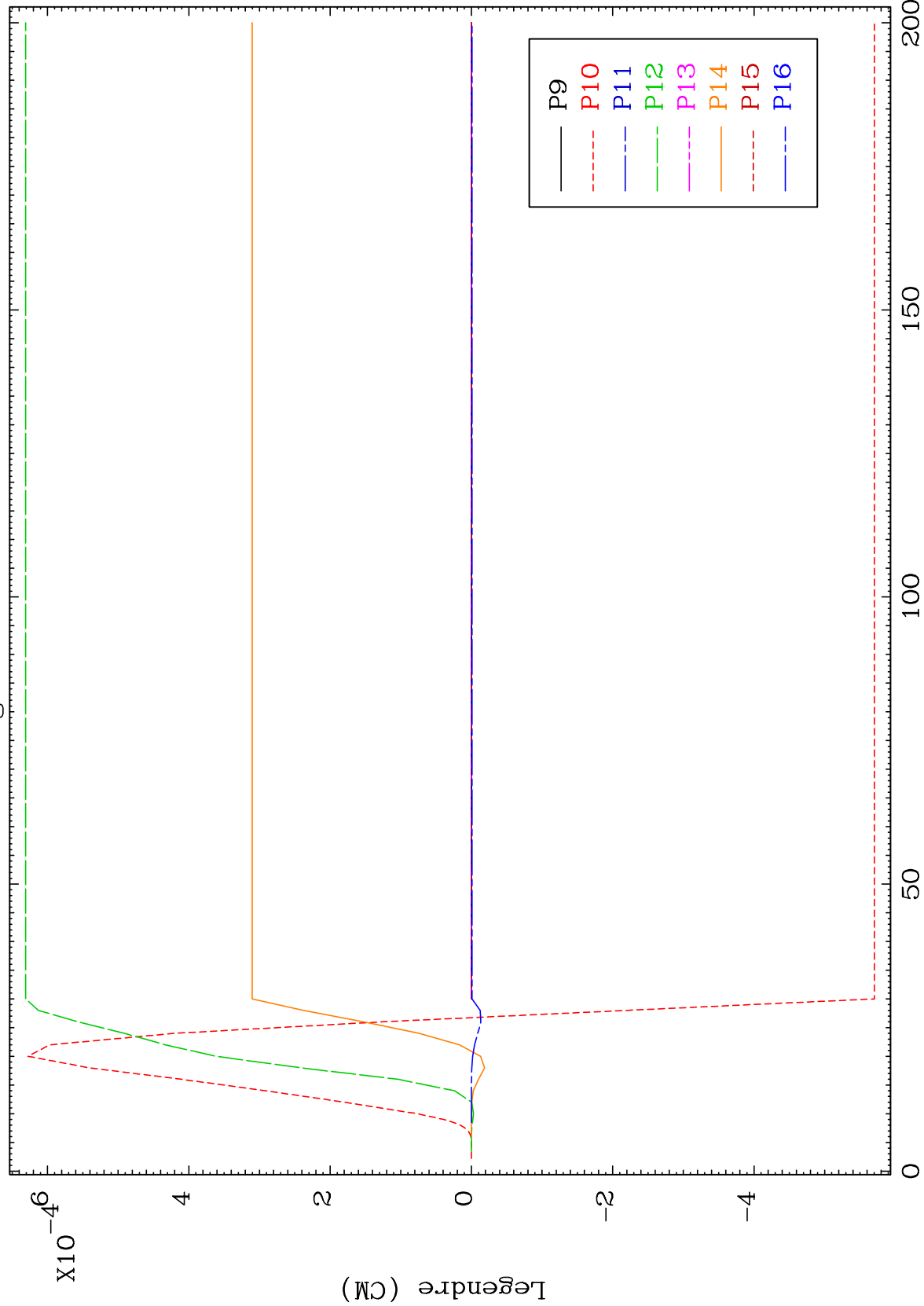
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

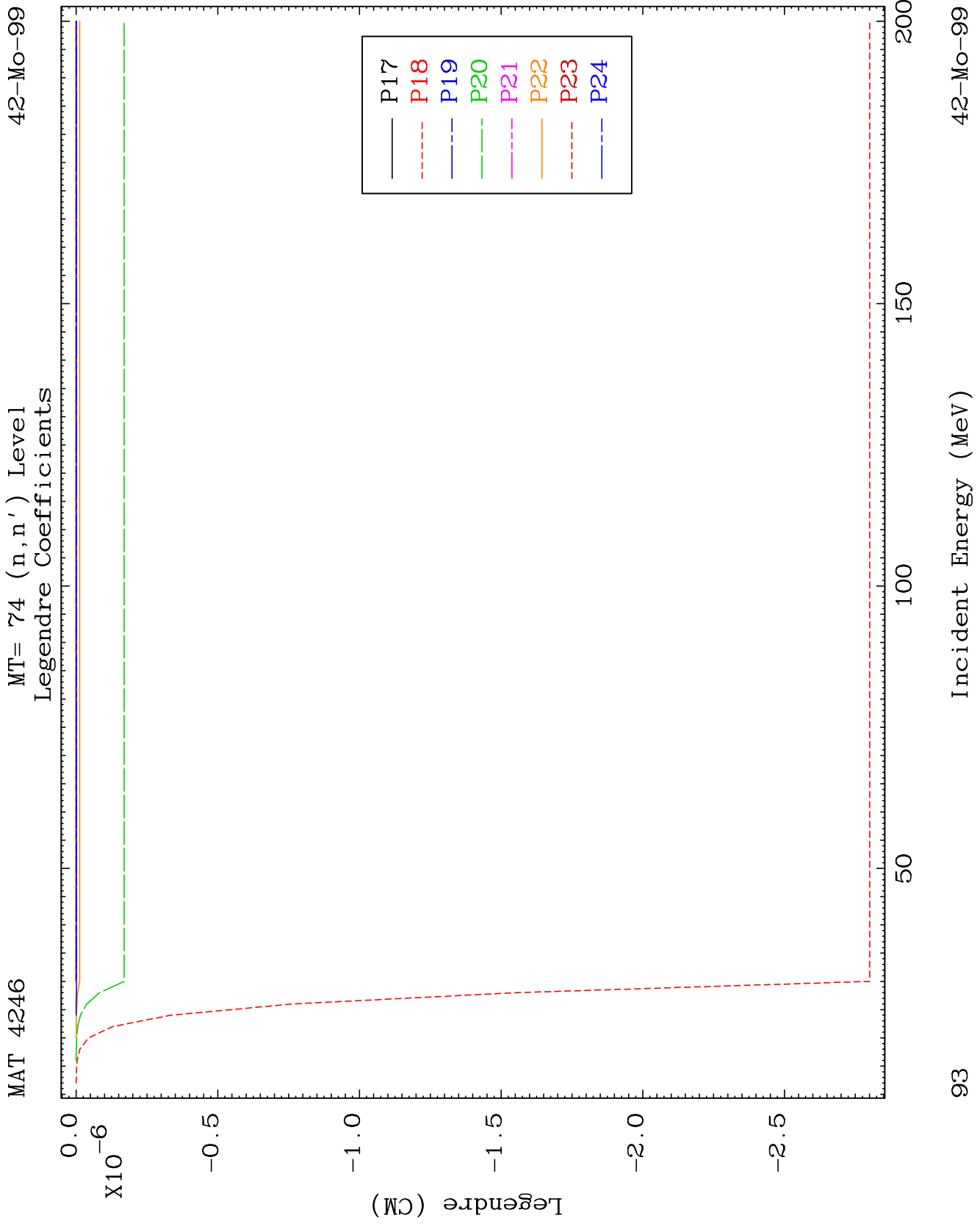
42-Mo-99



92

Incident Energy (MeV)

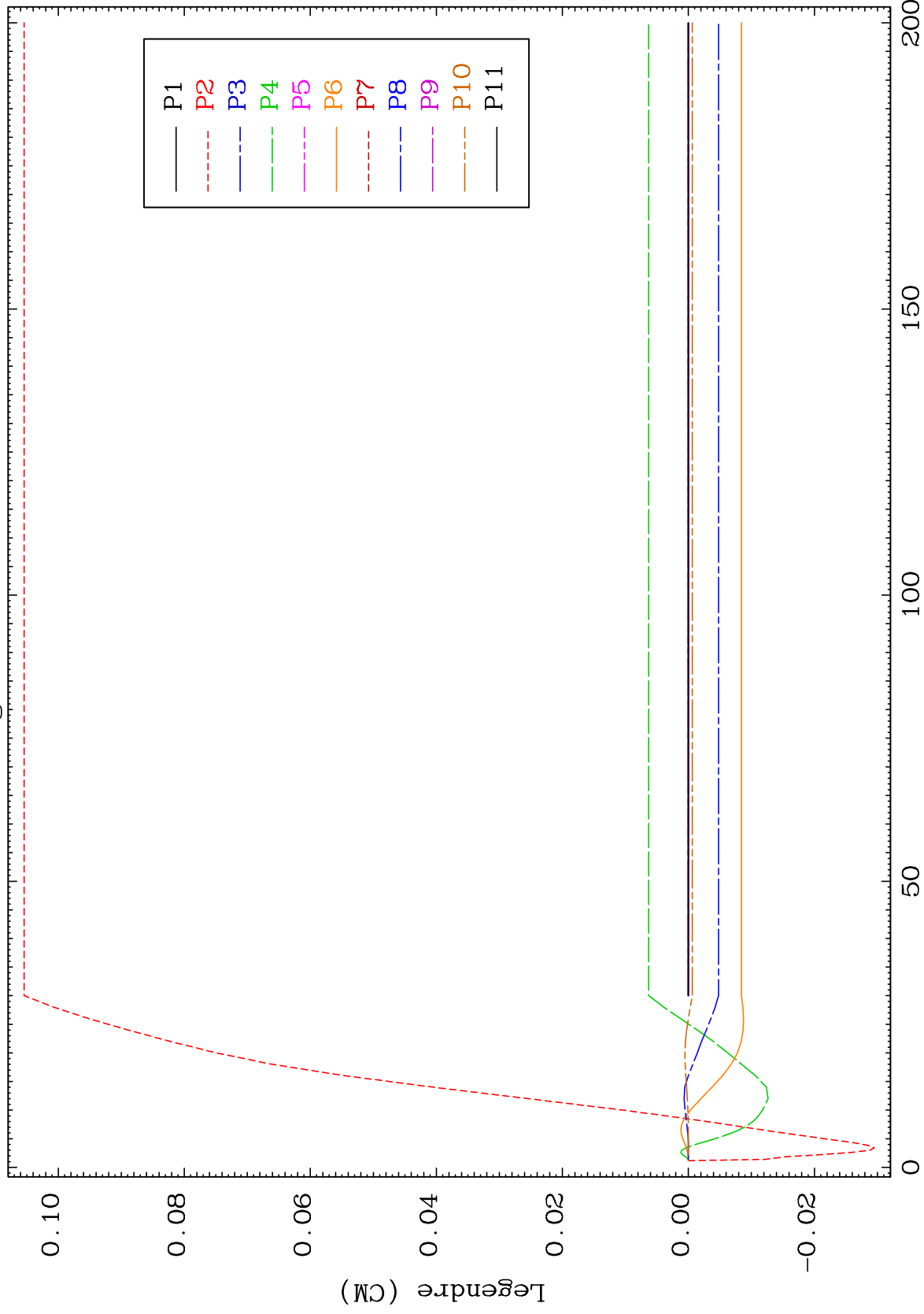
42-Mo-99



MAT 4246

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

42-Mo-99



94

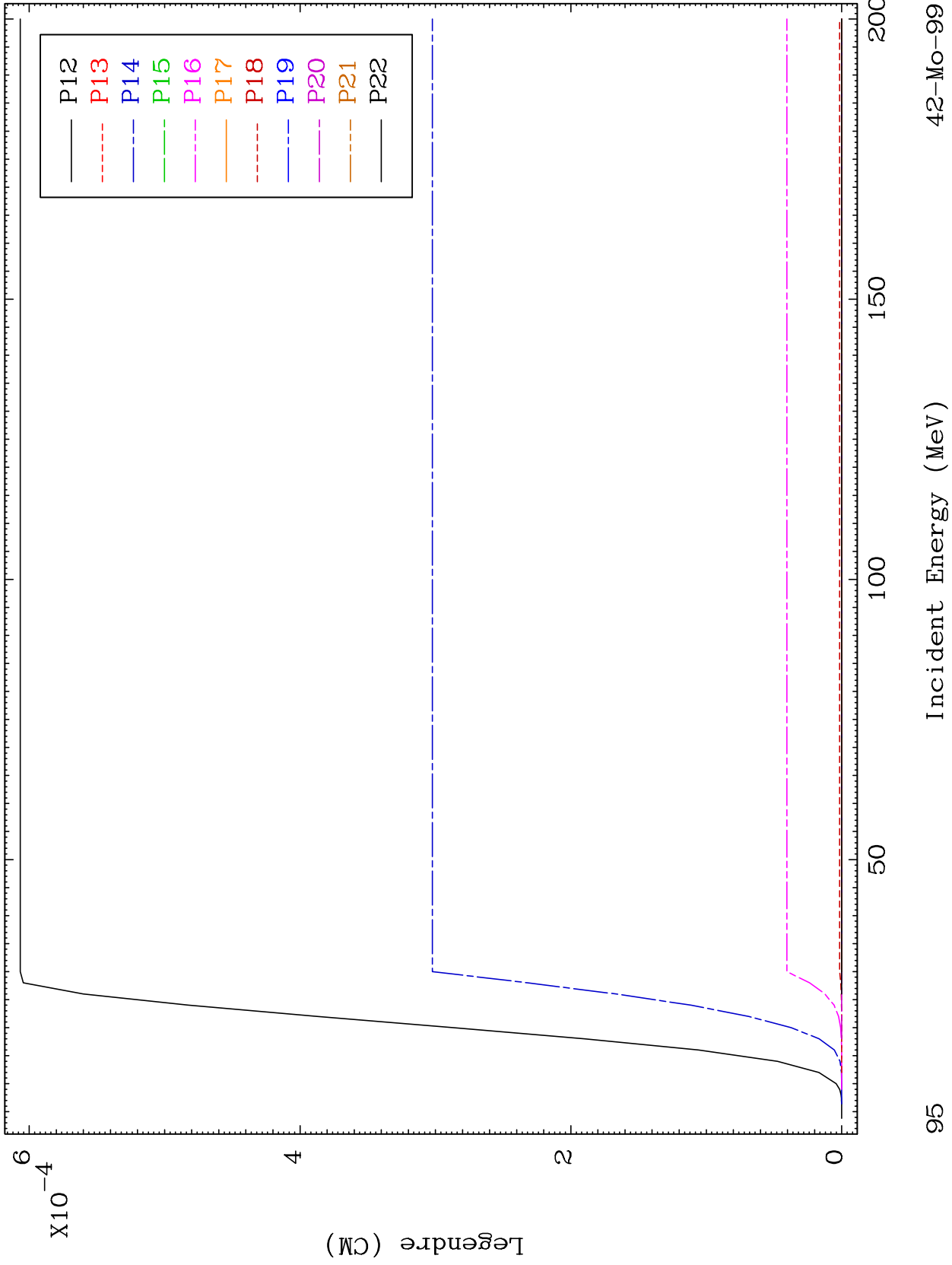
Incident Energy (MeV)

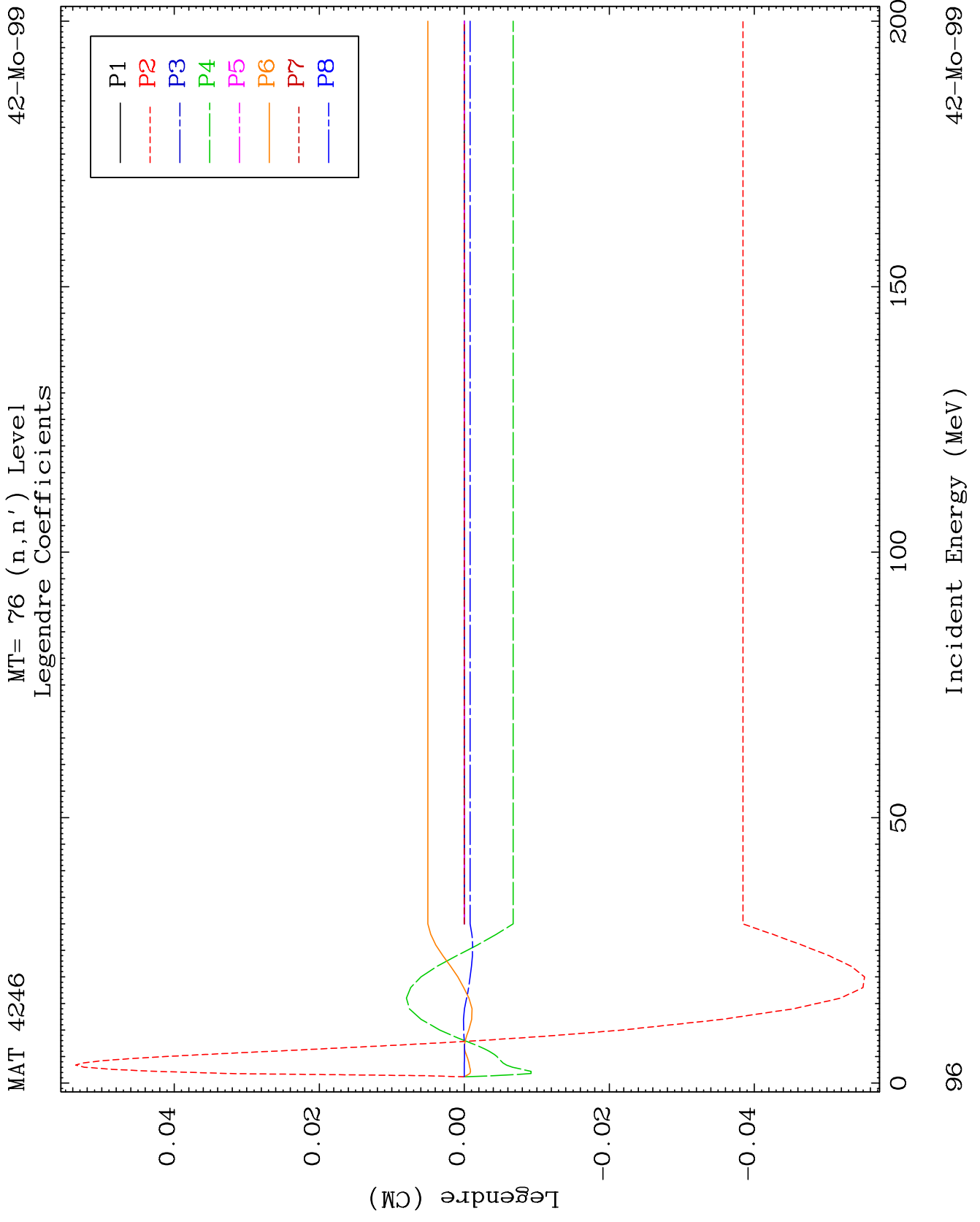
42-Mo-99

MAT 4246

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

42-Mo-99

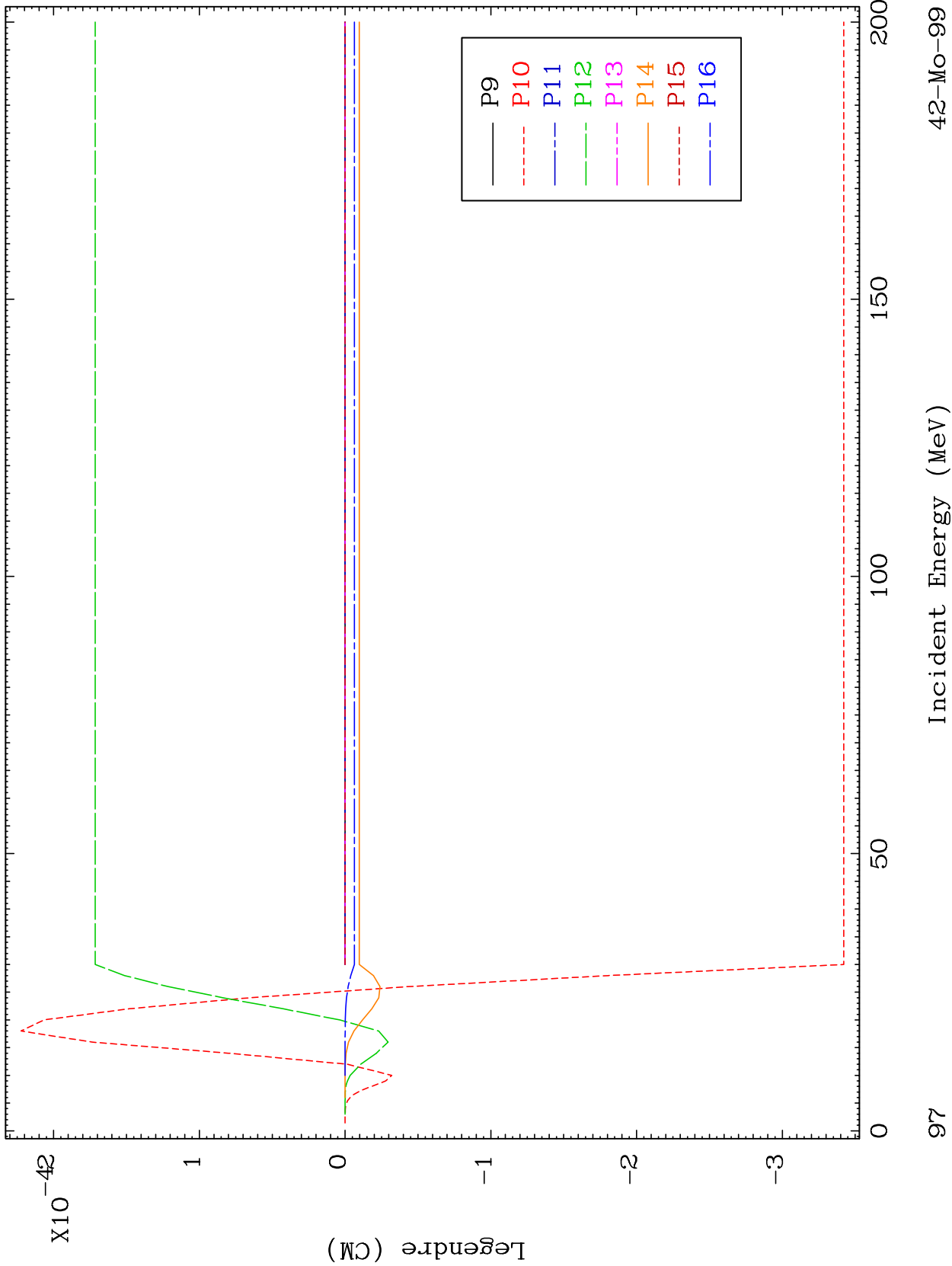




MAT 4246

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

42-Mo-99



97

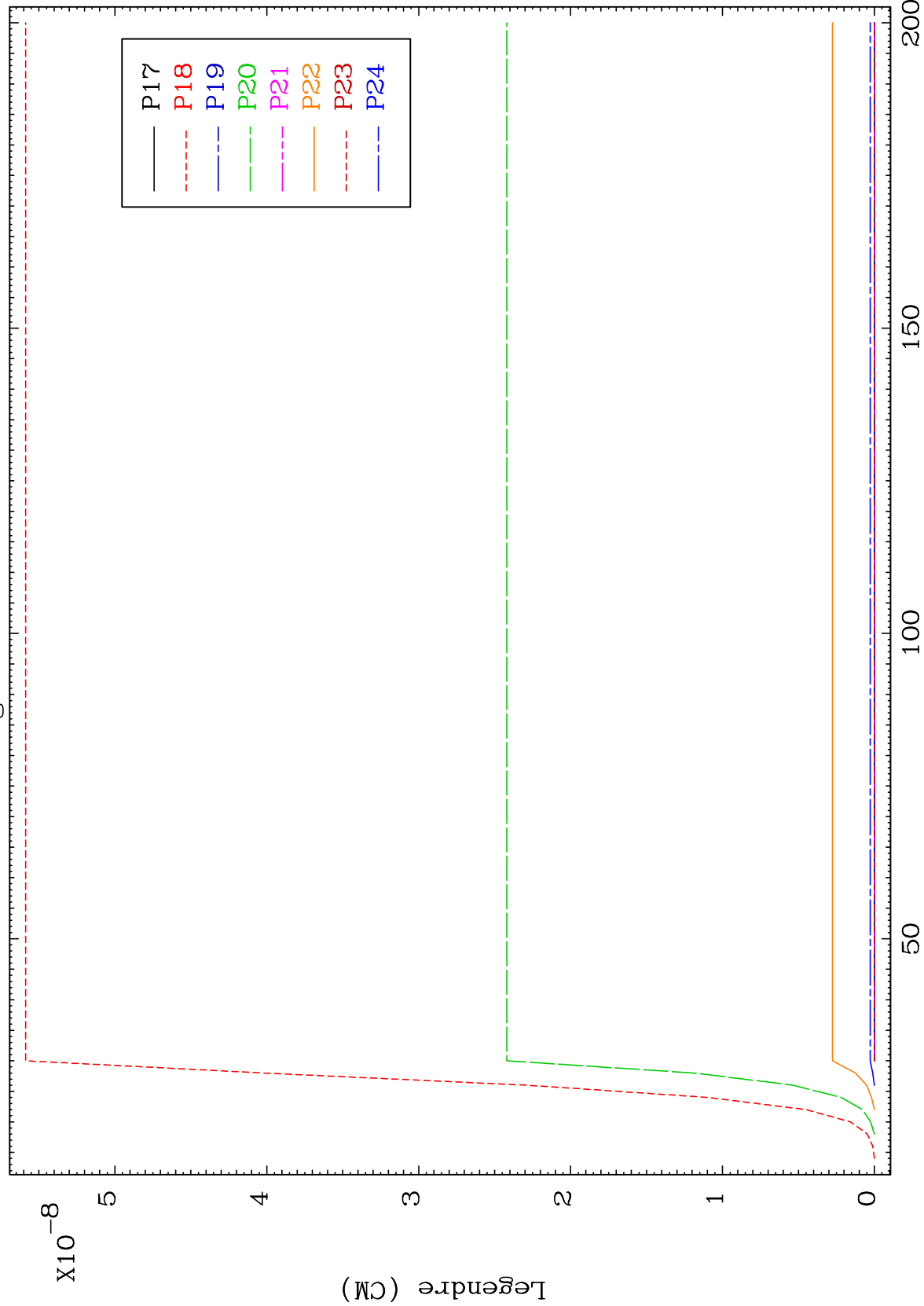
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



98

Incident Energy (MeV)

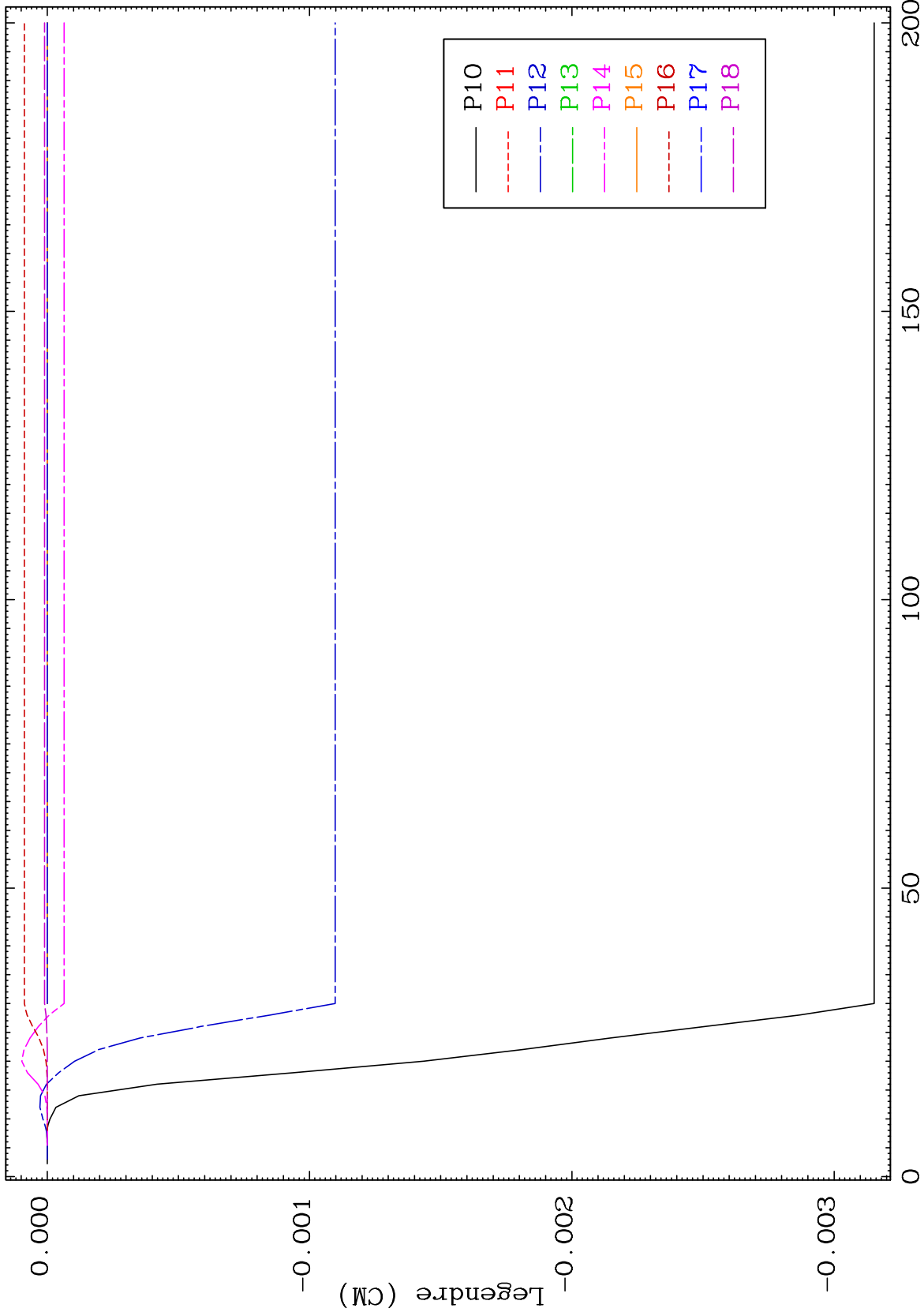
42-Mo-99

MAT 4246

MT= 77 (n,n') Level

42-Mo-99

Legendre Coefficients



42-Mo-99

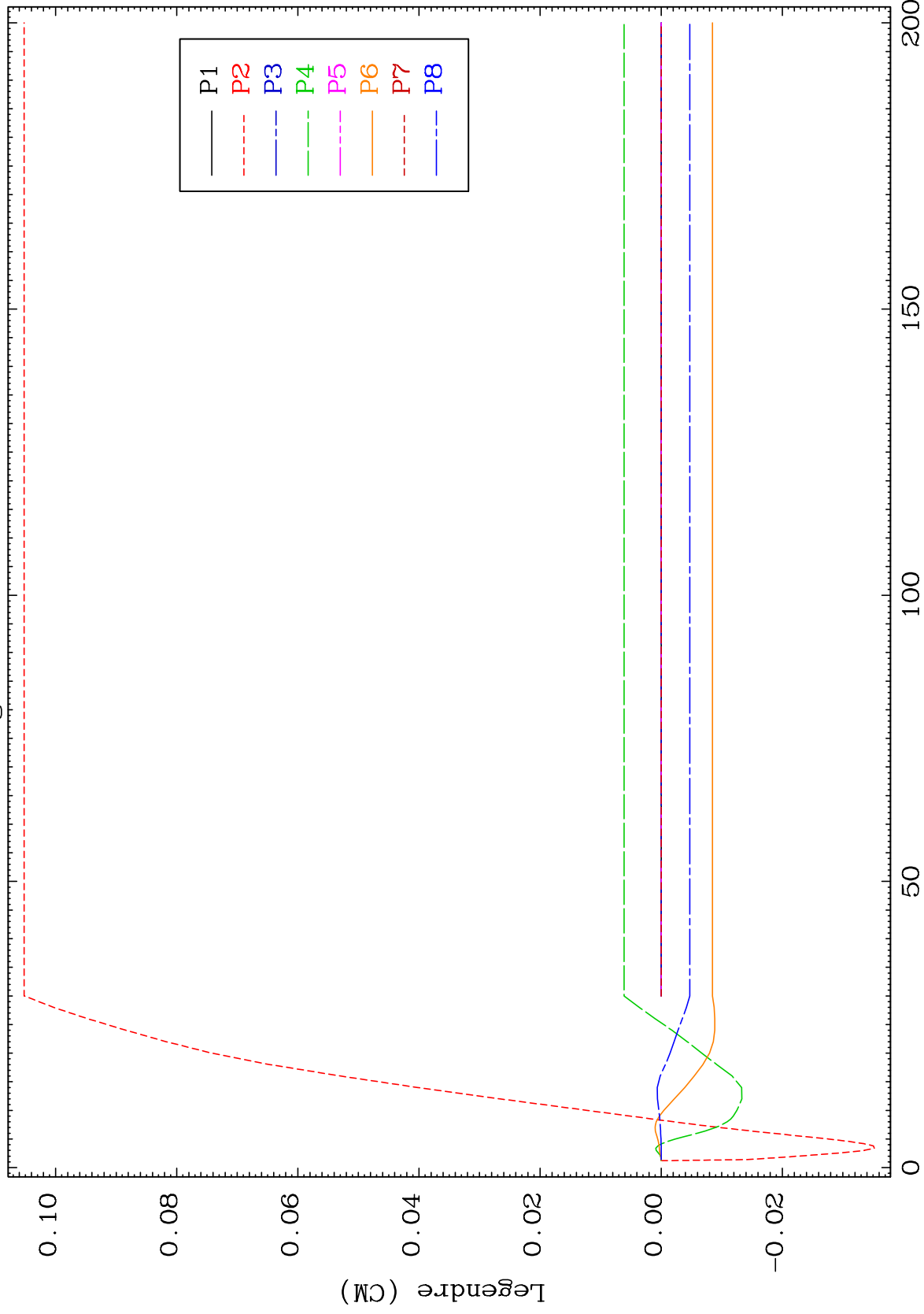
Incident Energy (MeV)

100

MAT 4246

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

42-Mo-99



42-Mo-99

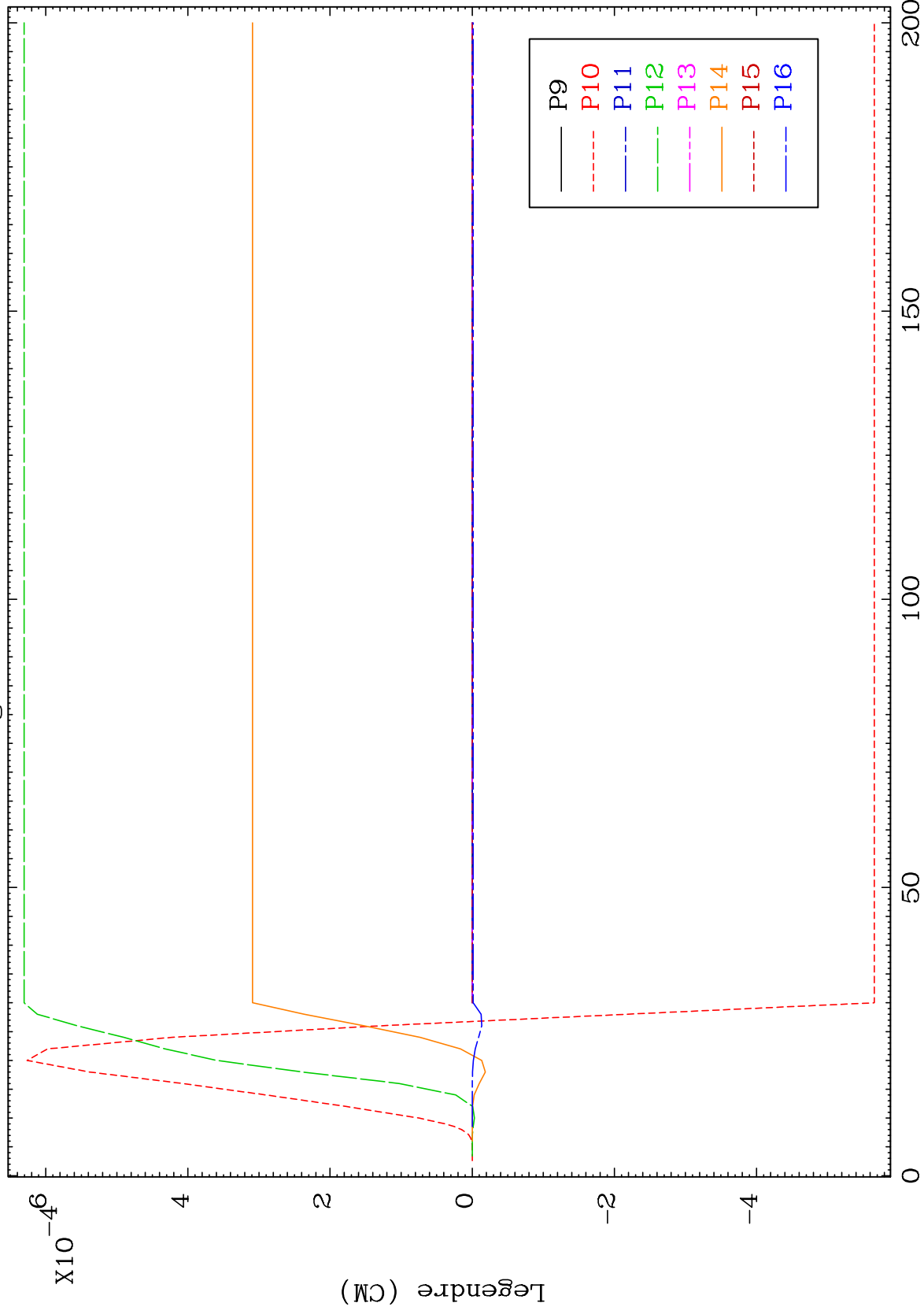
Incident Energy (MeV)

102

MAT 4246

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

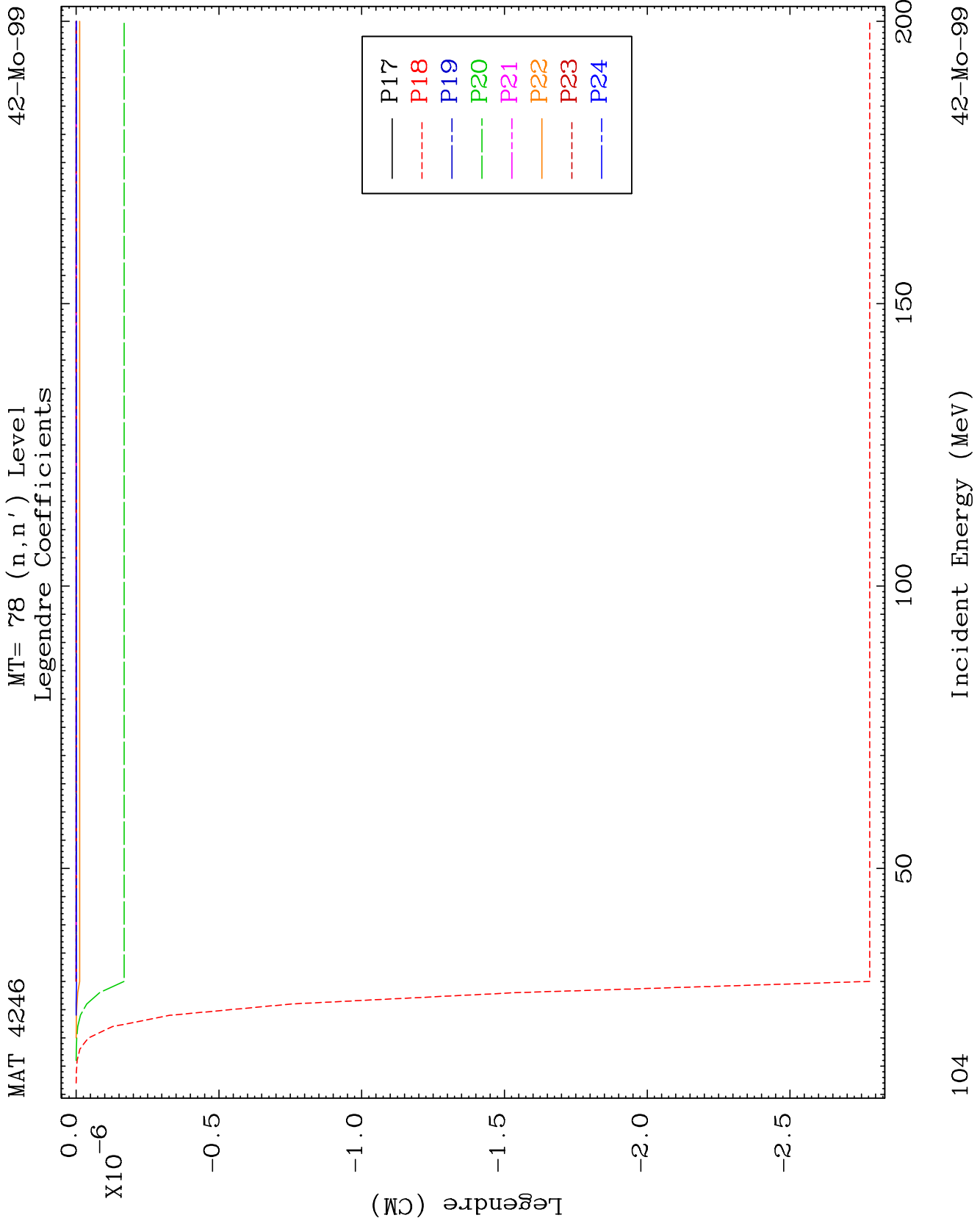
42-Mo-99

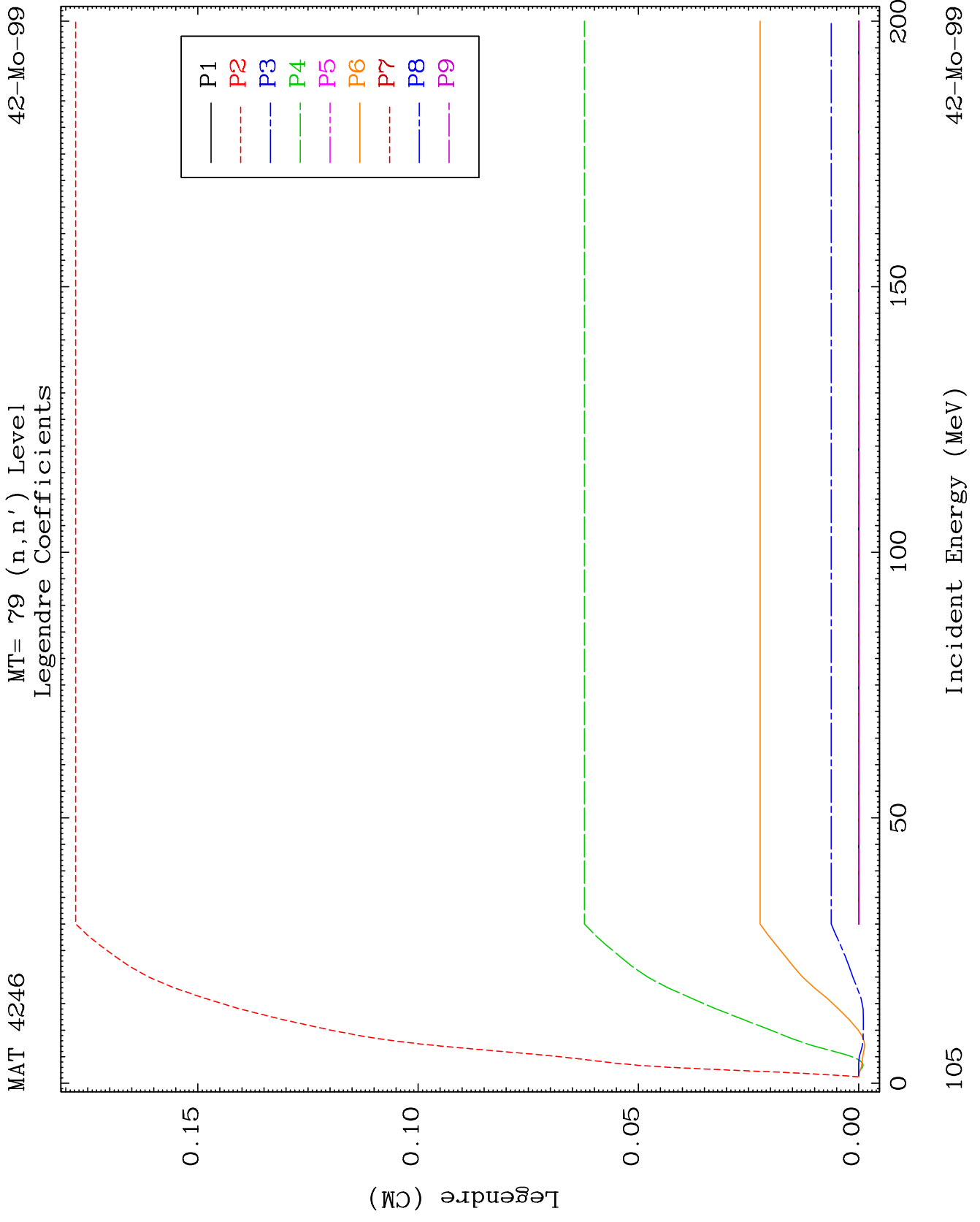


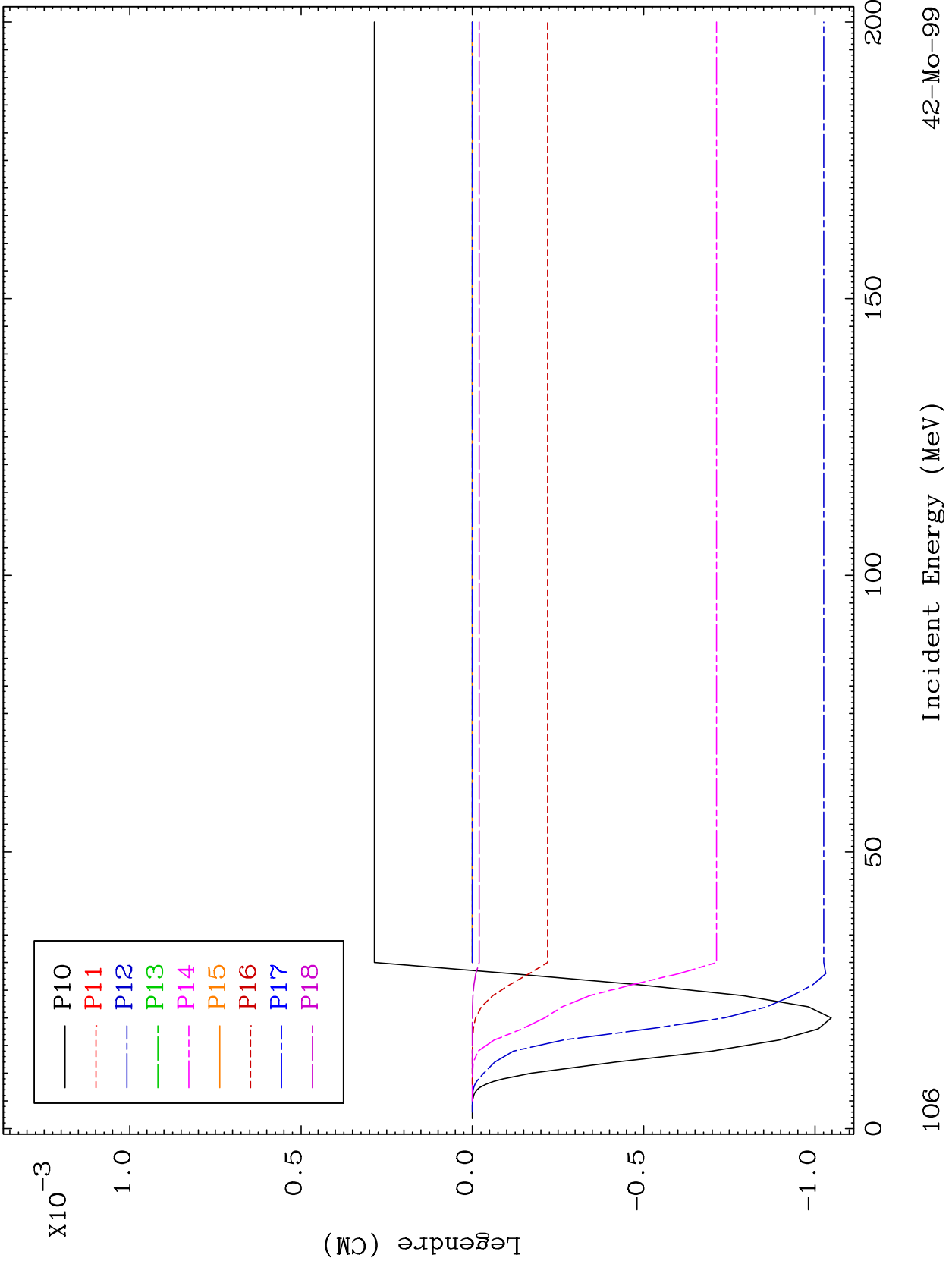
103

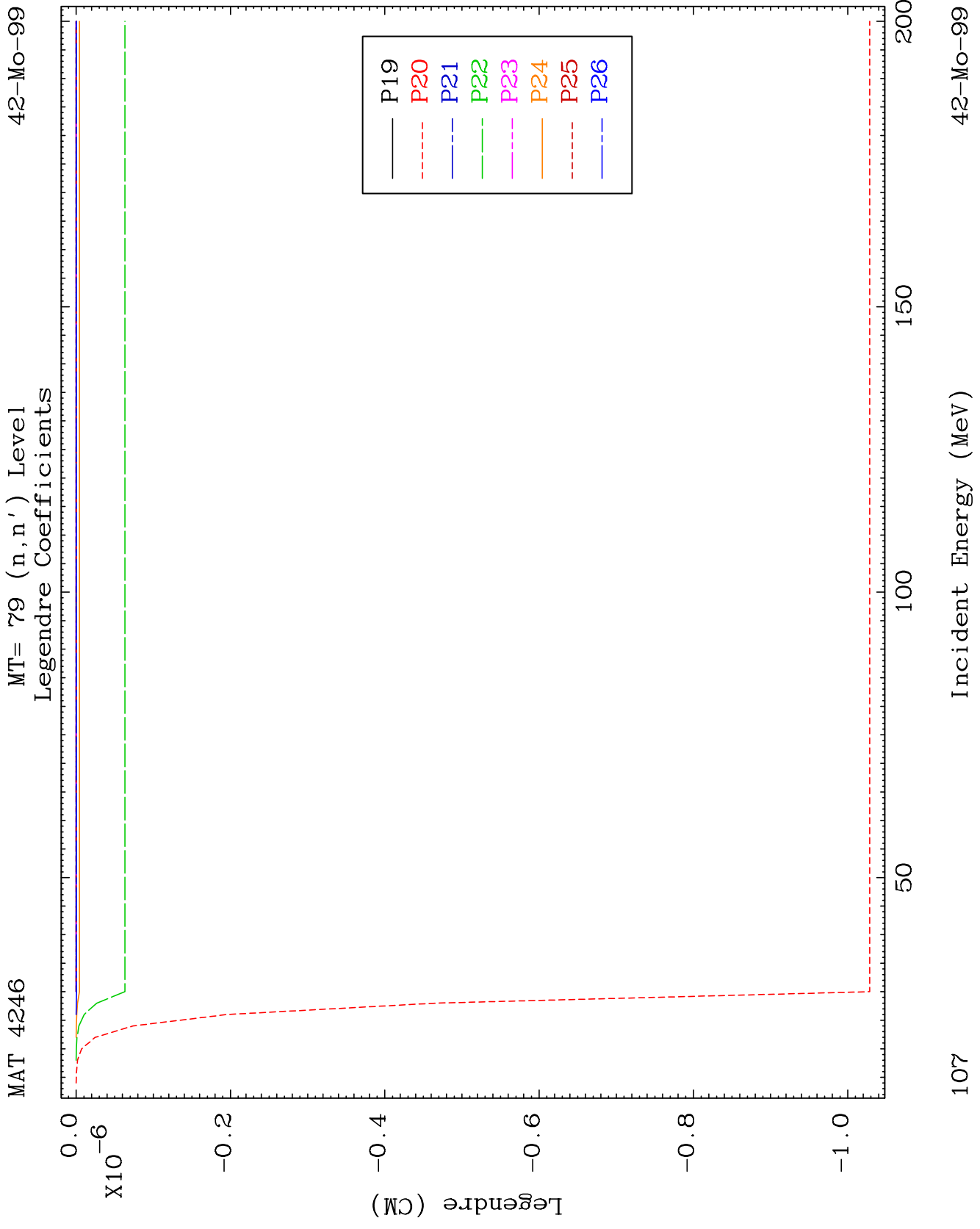
Incident Energy (MeV)

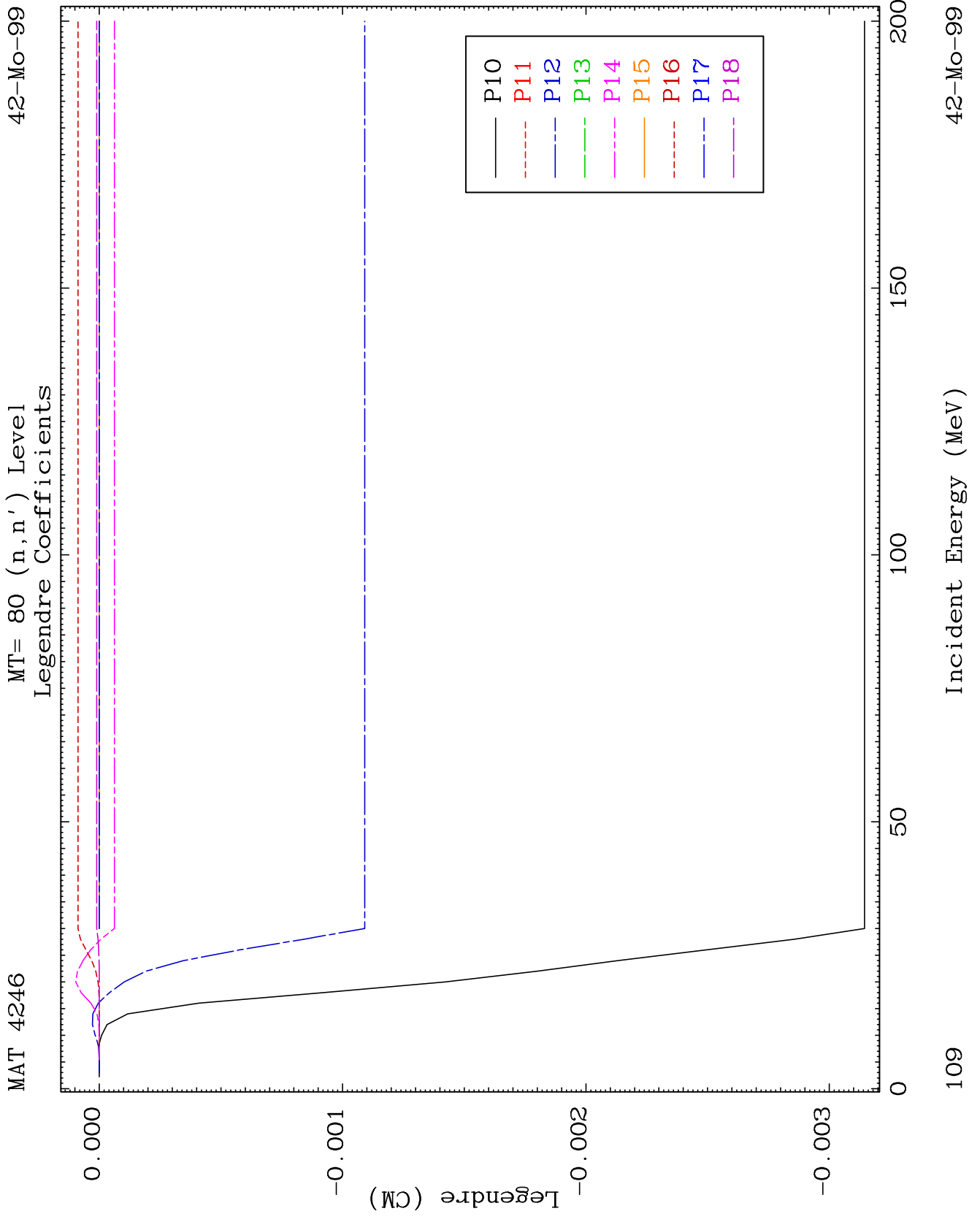
42-Mo-99

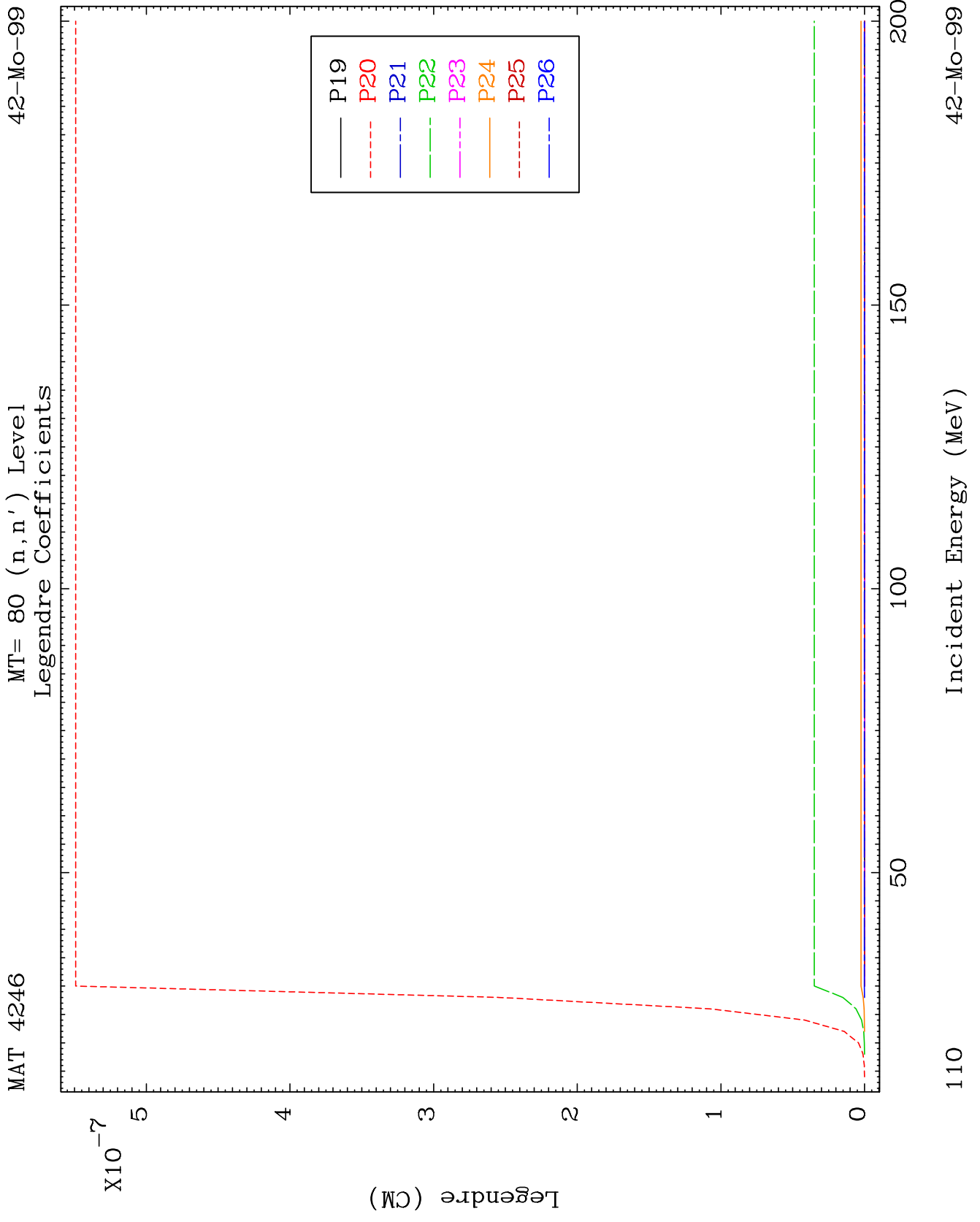










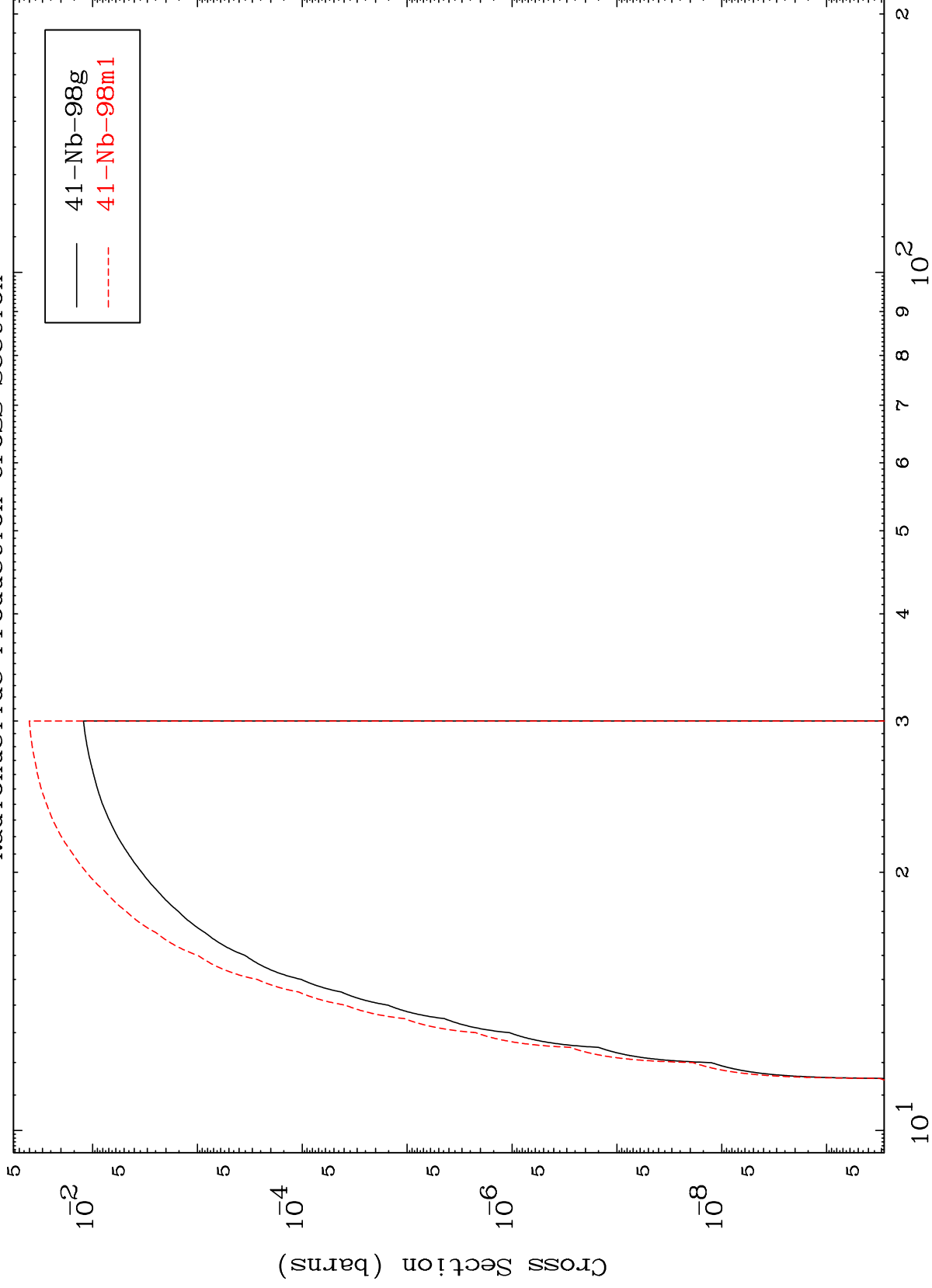


MAT 4246

(n,n') p

42-Mo-99

Radionuclide Production Cross Section

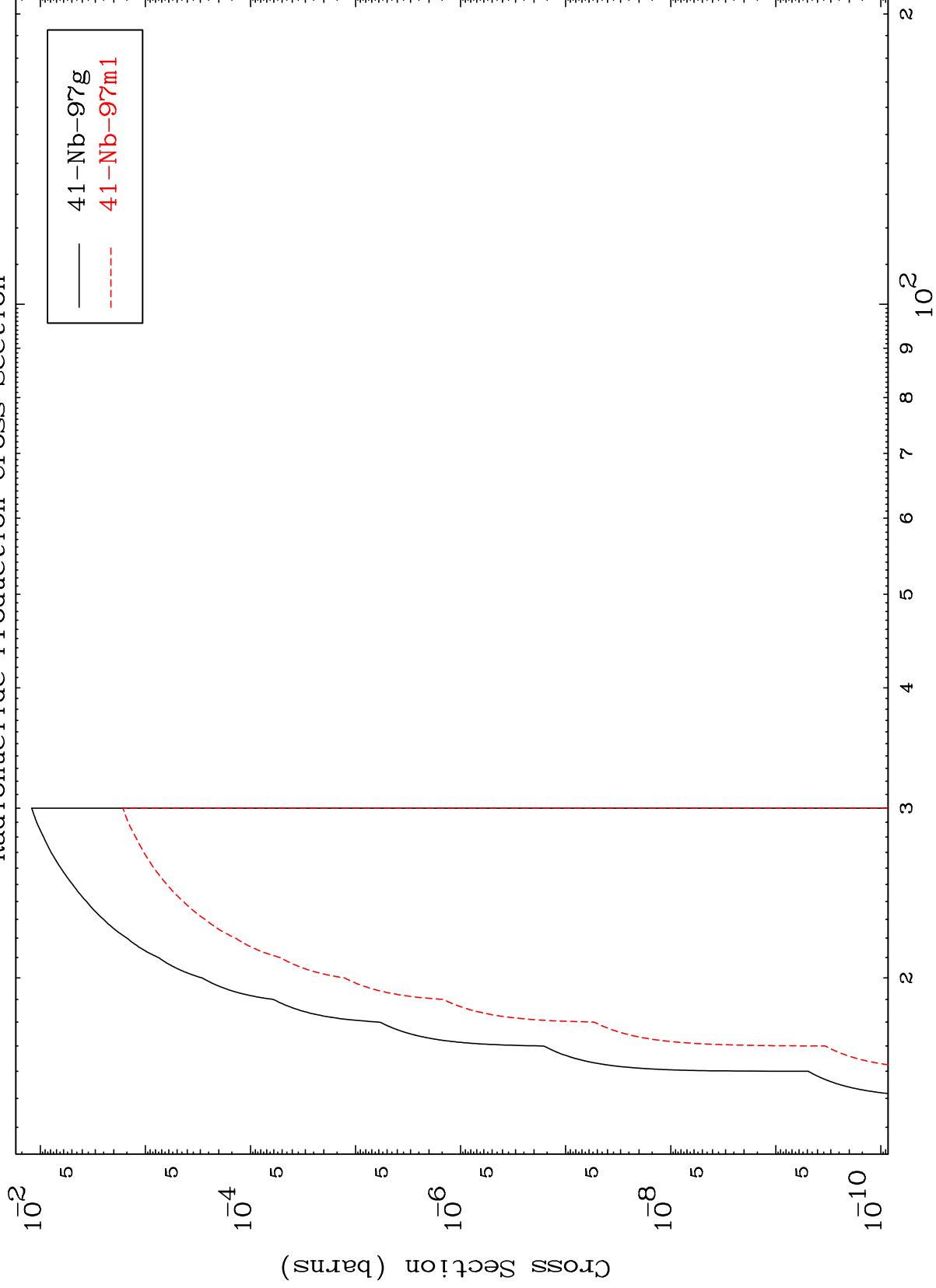


111

Incident Energy (MeV)

42-Mo-99

Radionuclide Production Cross Section



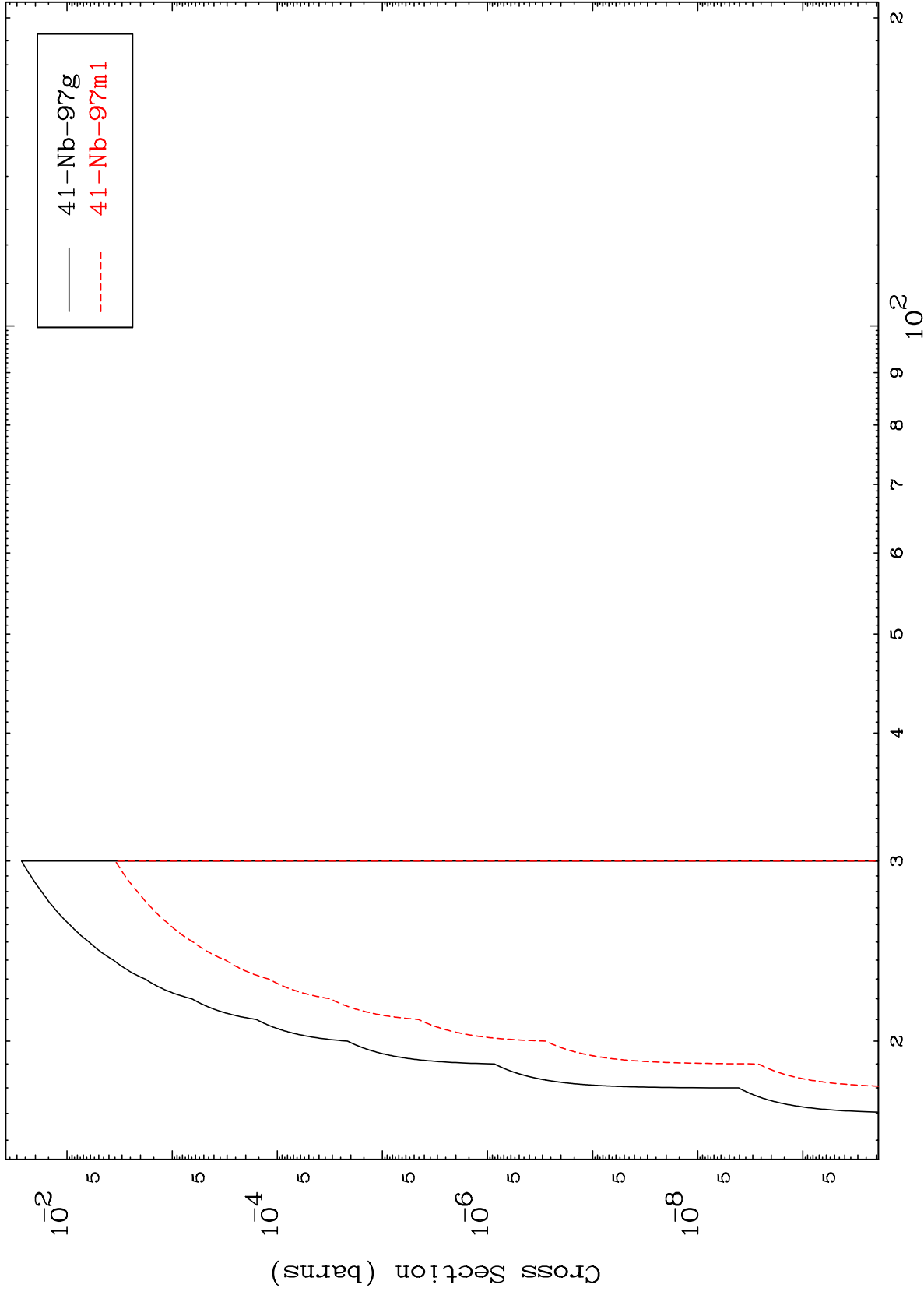
41-Nb-97g
41-Nb-97m1

MAT 4246

(n,2n) p

42-Mo-99

Radionuclide Production Cross Section



113

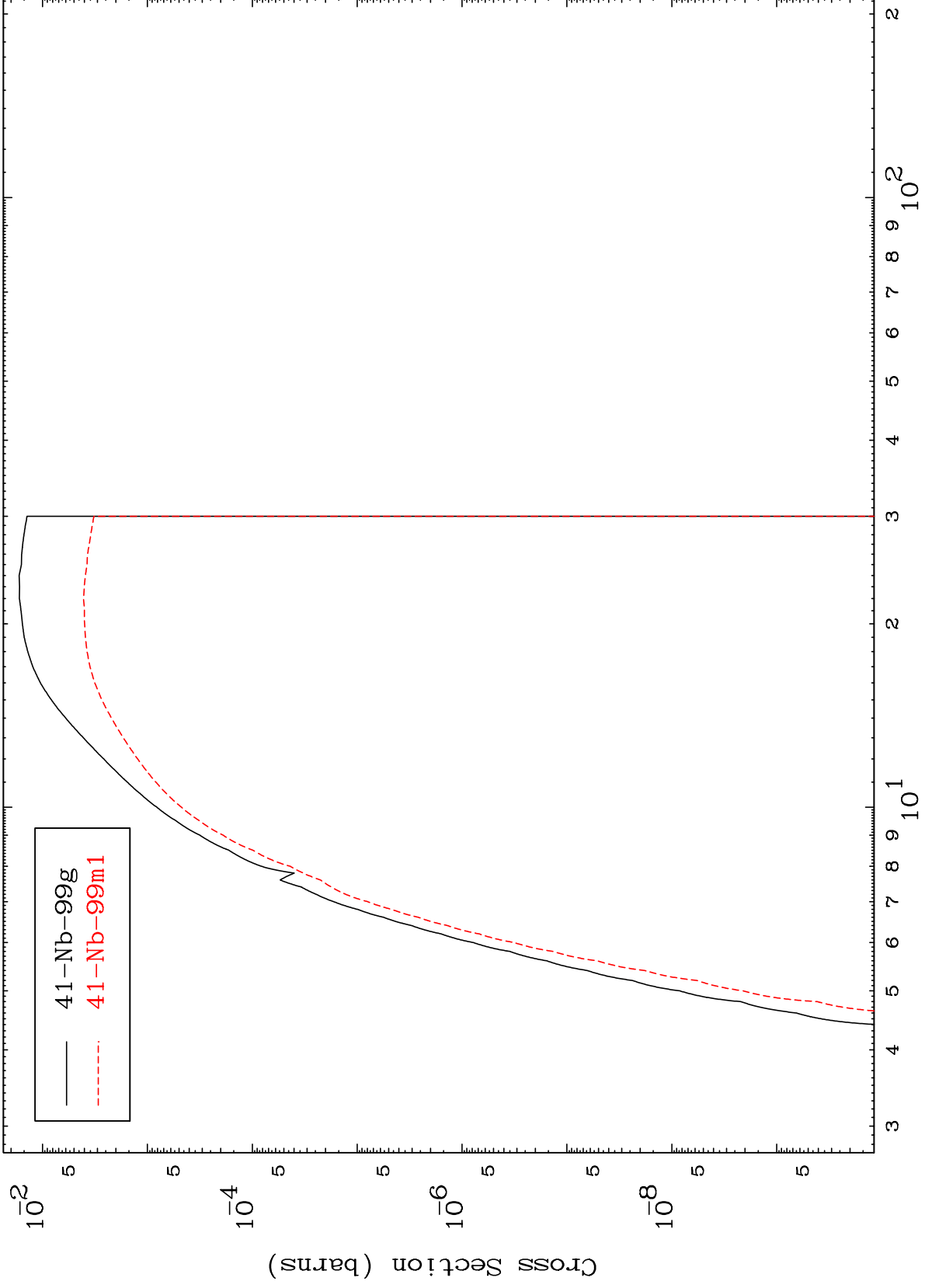
Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

(n,p)
Radionuclide Production Cross Section



— 41-Nb-99g
- - - 41-Nb-99m1

42-Mo-99

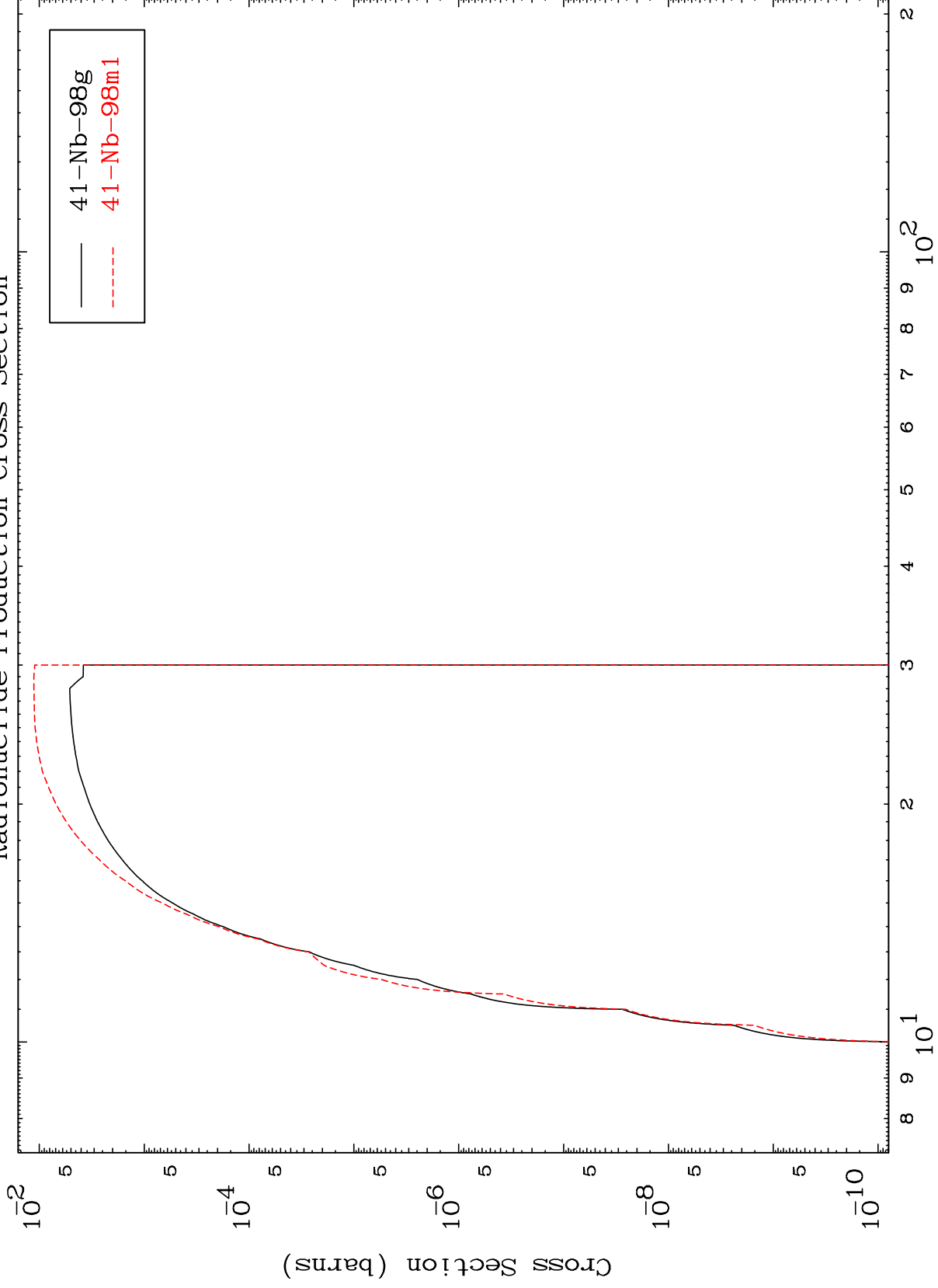
Incident Energy (MeV)

114

MAT 4246

42-Mo-99

(n,d)
Radionuclide Production Cross Section



115

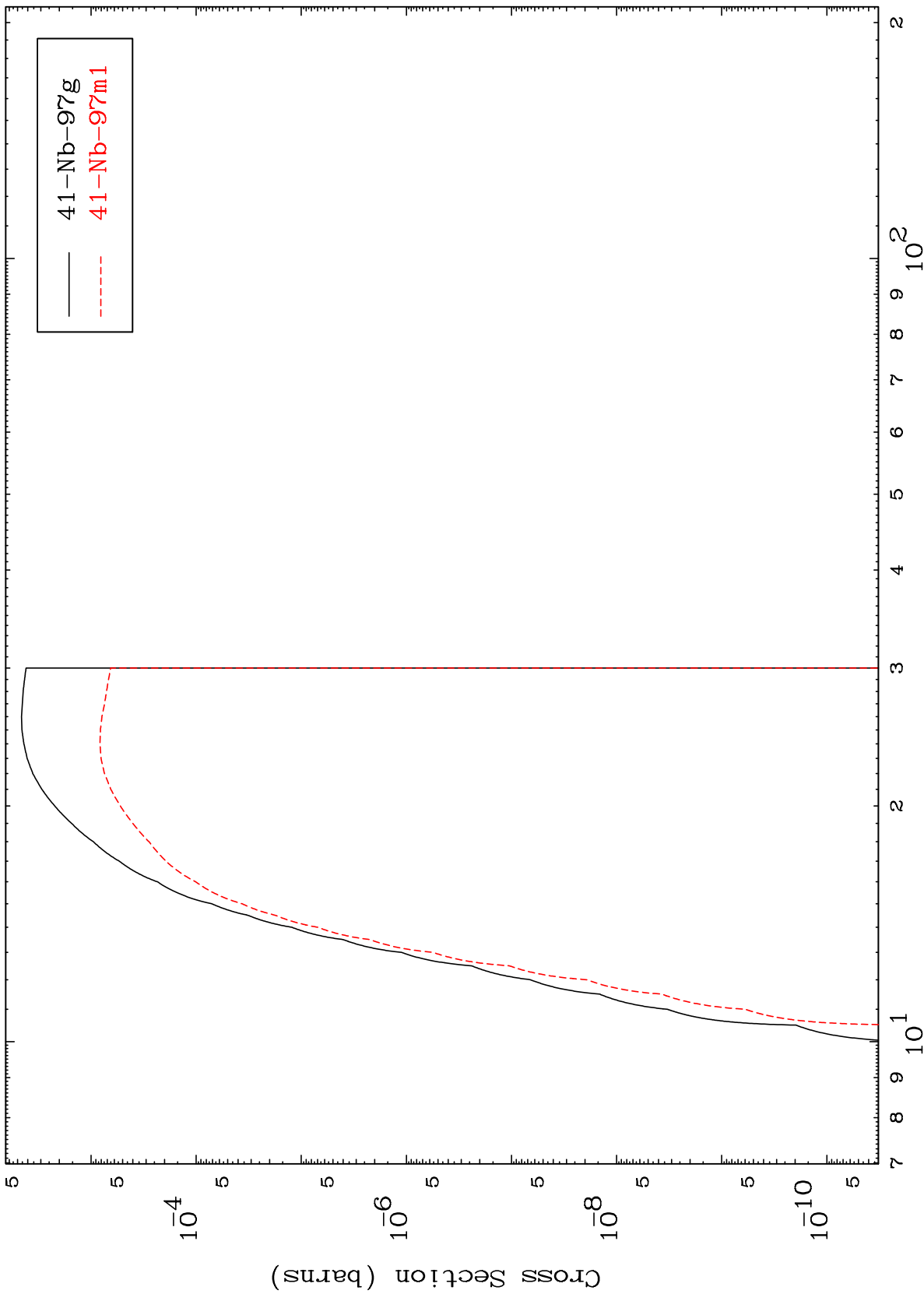
Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

(n, t)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

42-Mo-99