

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

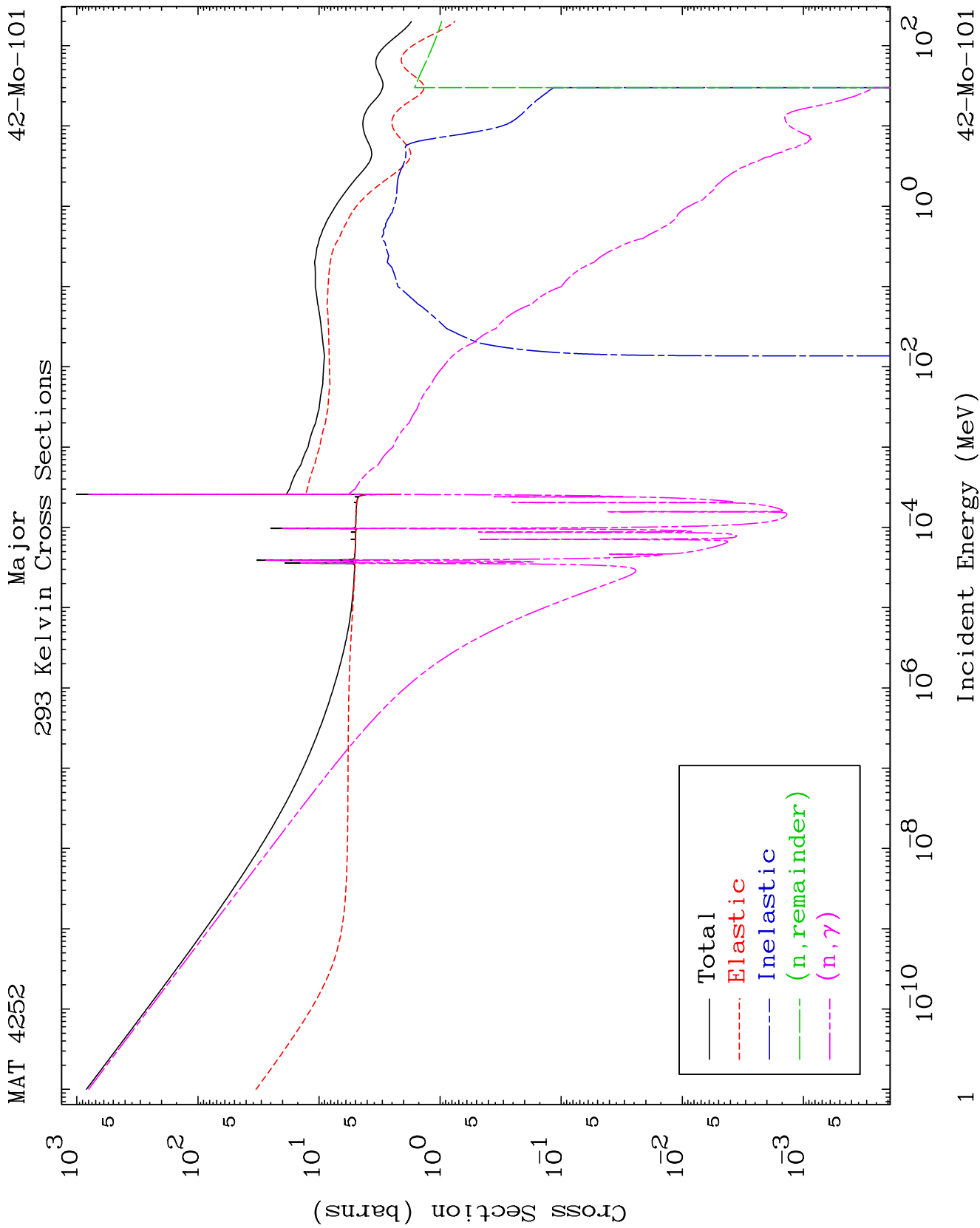
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

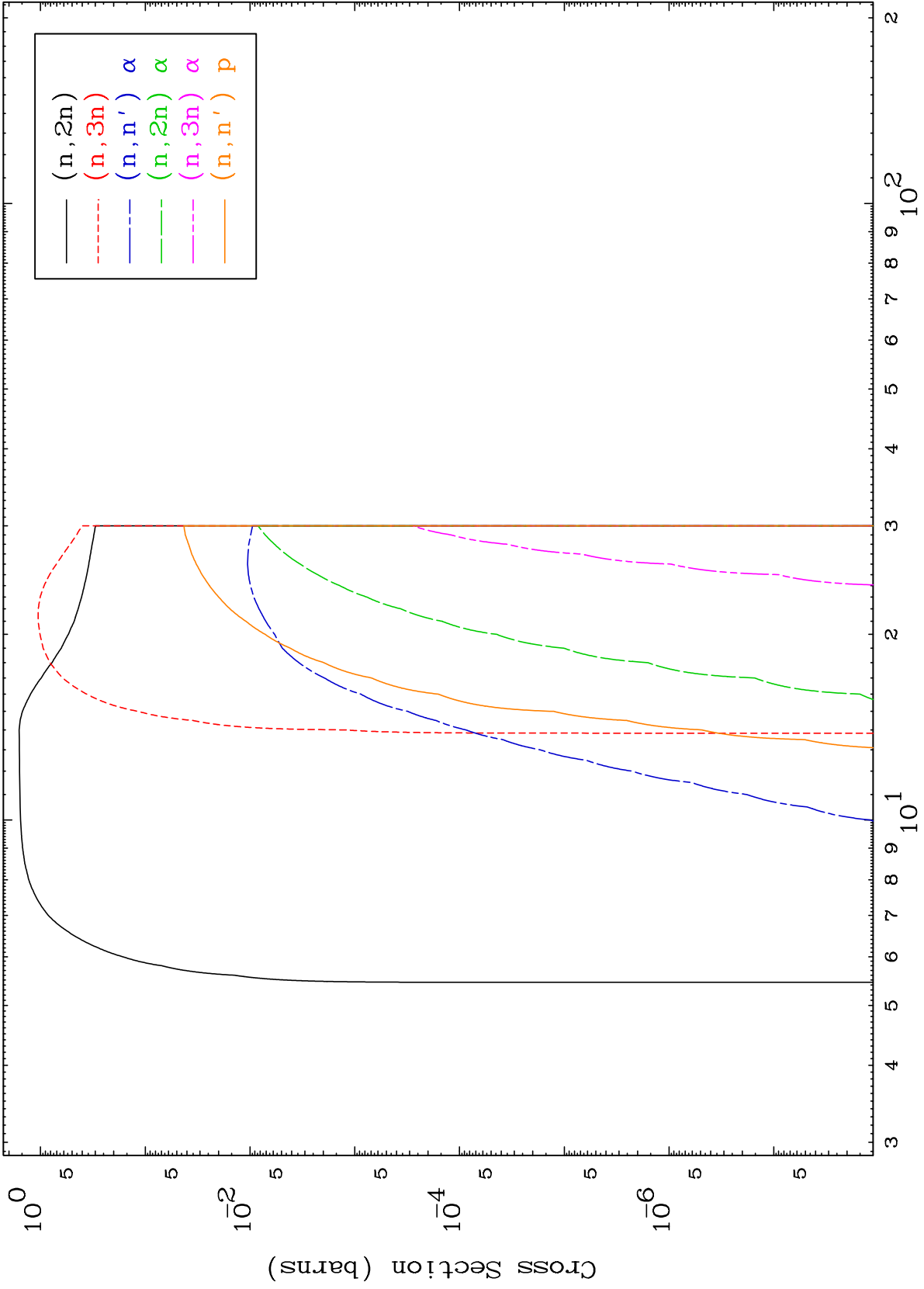
Press Mouse Button to Start



MAT 4252

Neutron Production
293 Kelvin Cross Sections

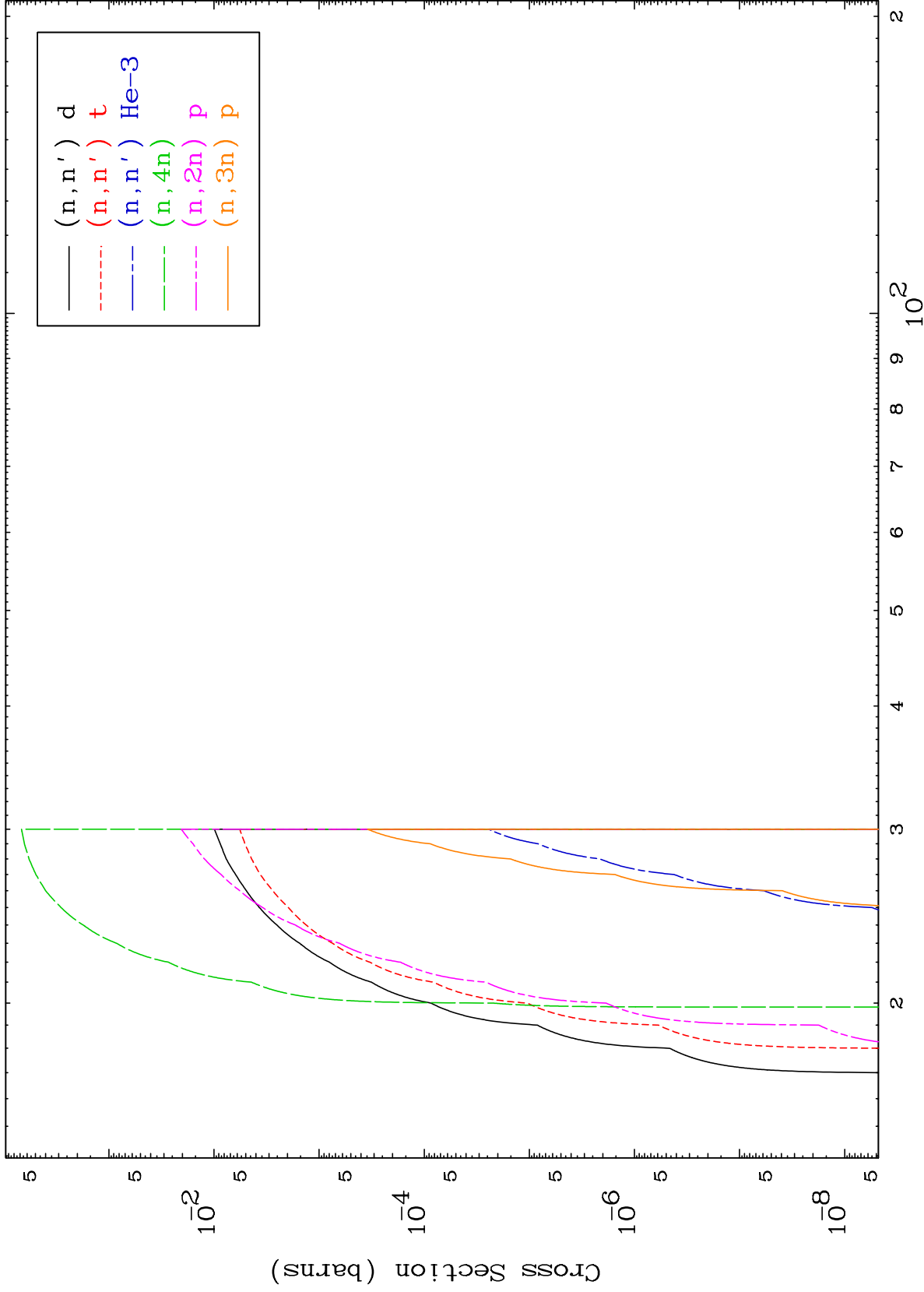
42-Mo-101

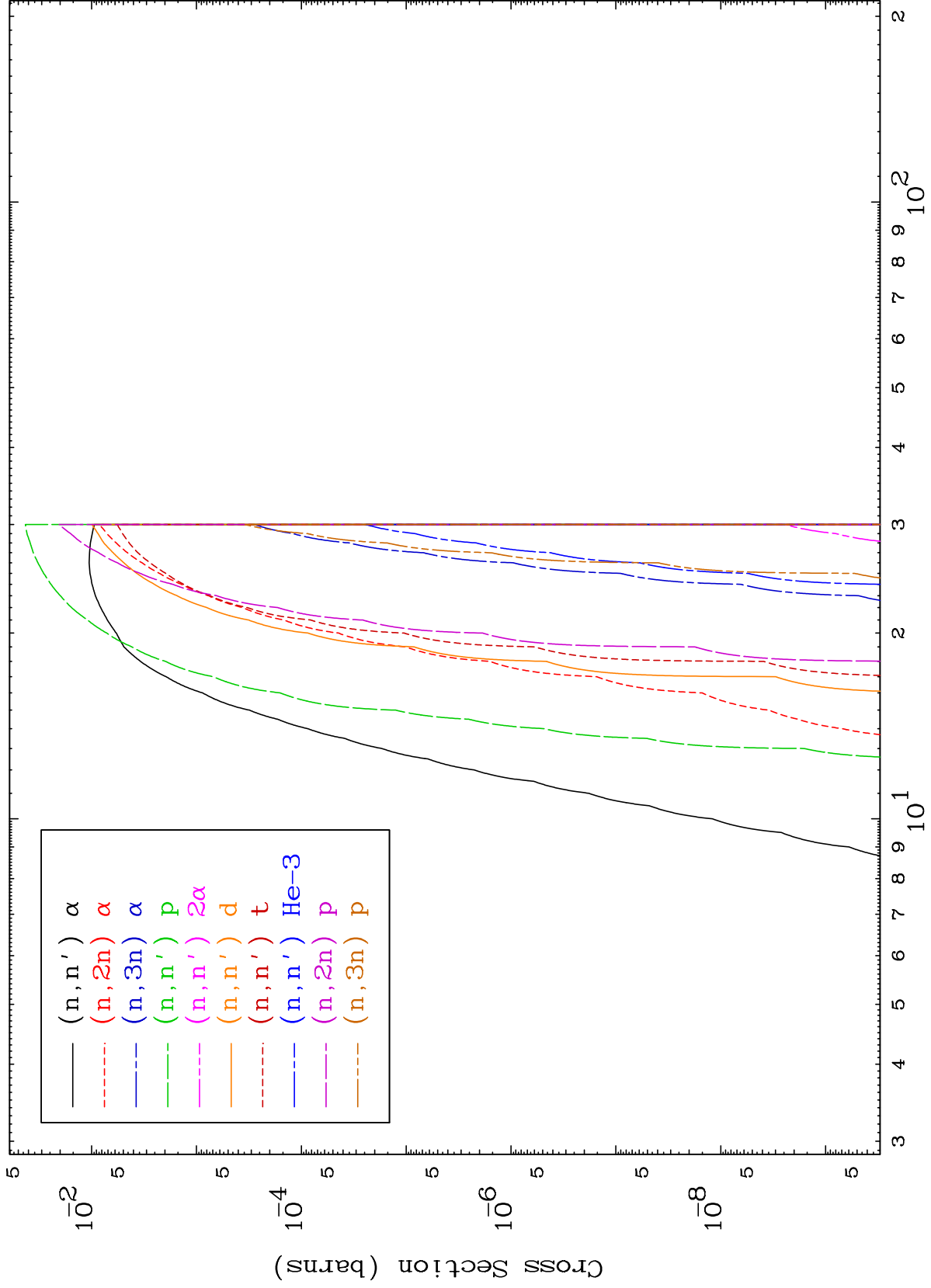


2

Incident Energy (MeV)

42-Mo-101

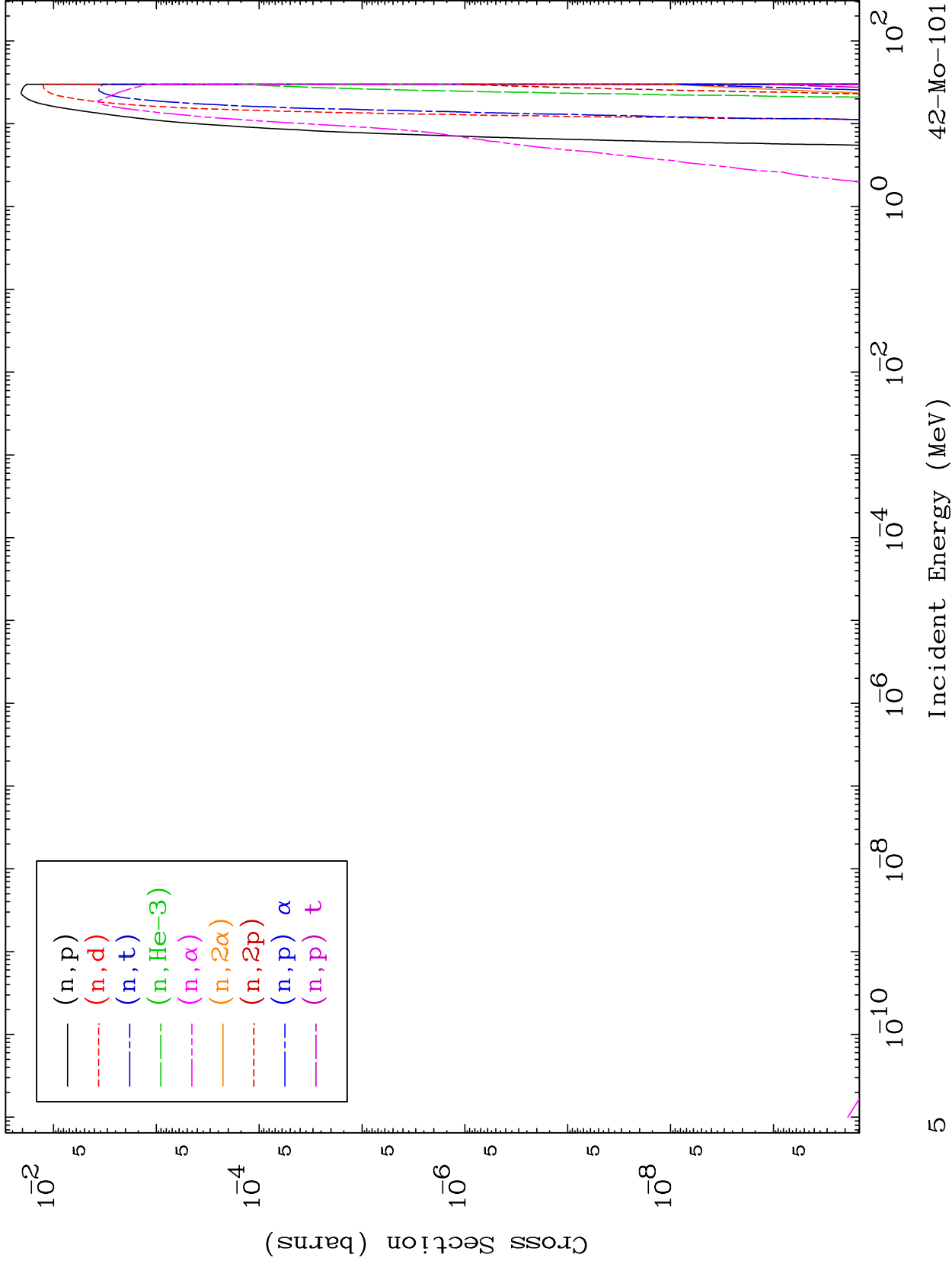




MAT 4252

Charged Particle
293 Kelvin Cross Sections

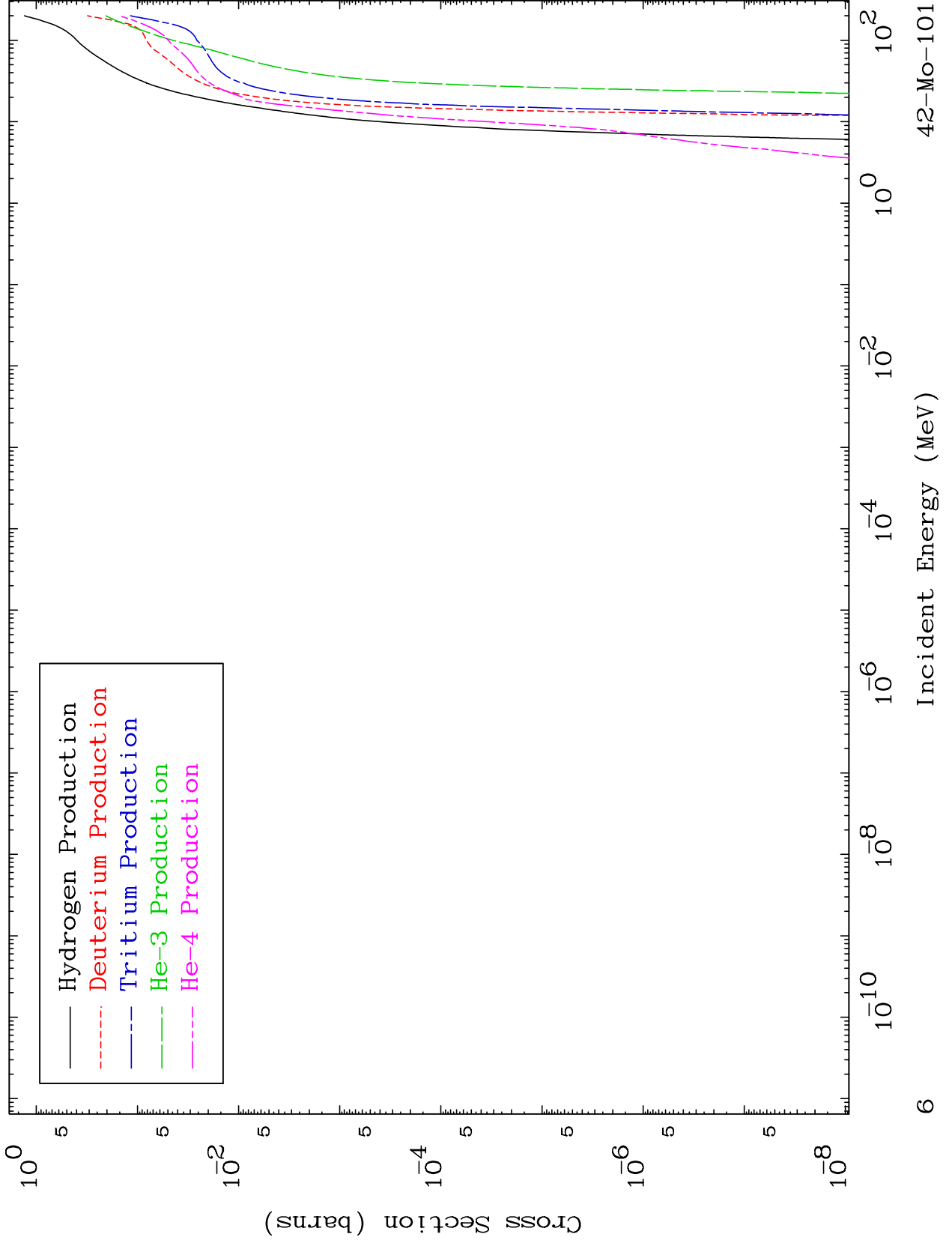
42-Mo-101



MAT 4252

Particle Production
293 Kelvin Cross Sections

42-Mo-101

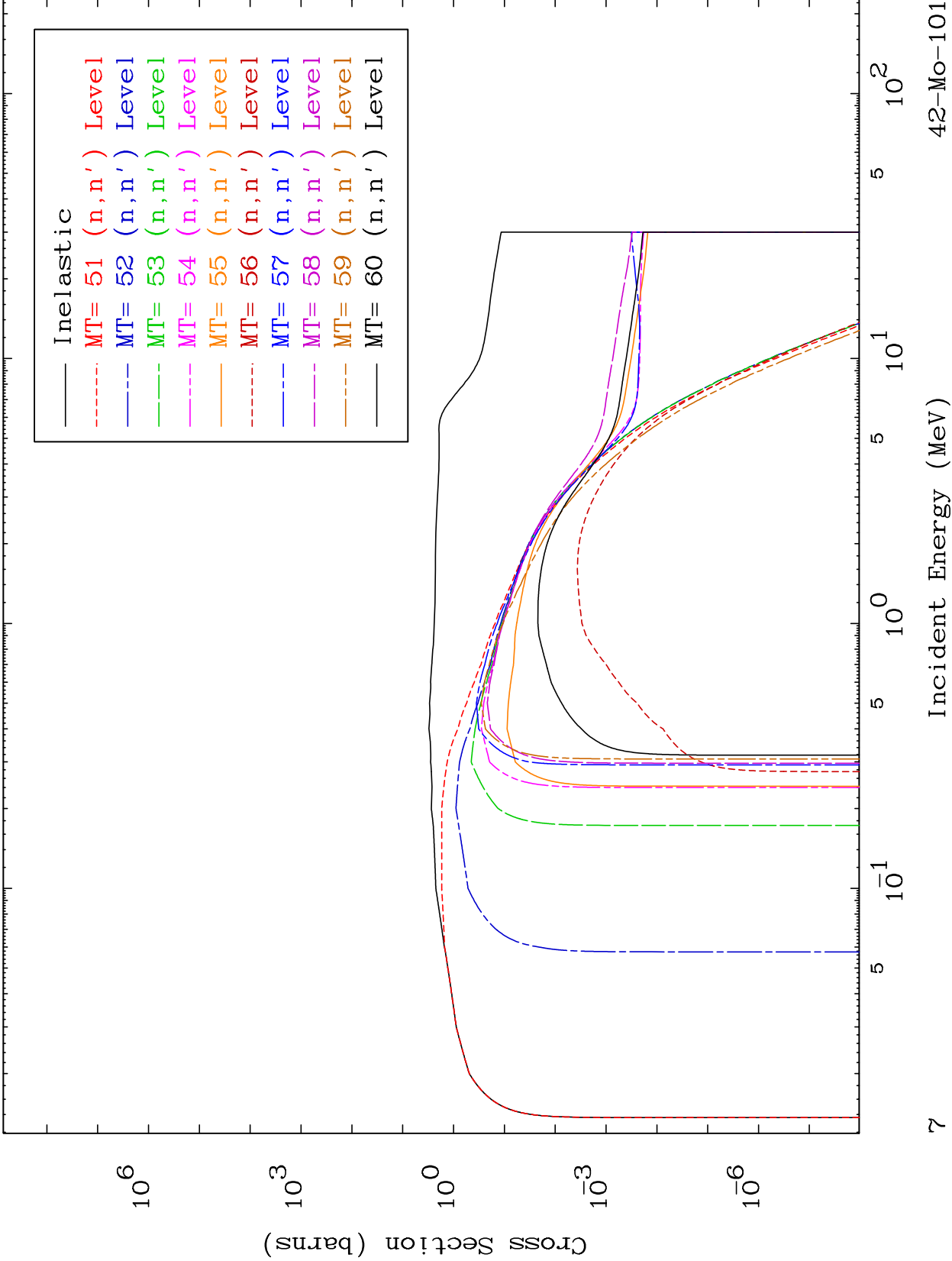


MAT 4252

(n,n') Level

42-Mo-101

293 Kelvin Cross Sections

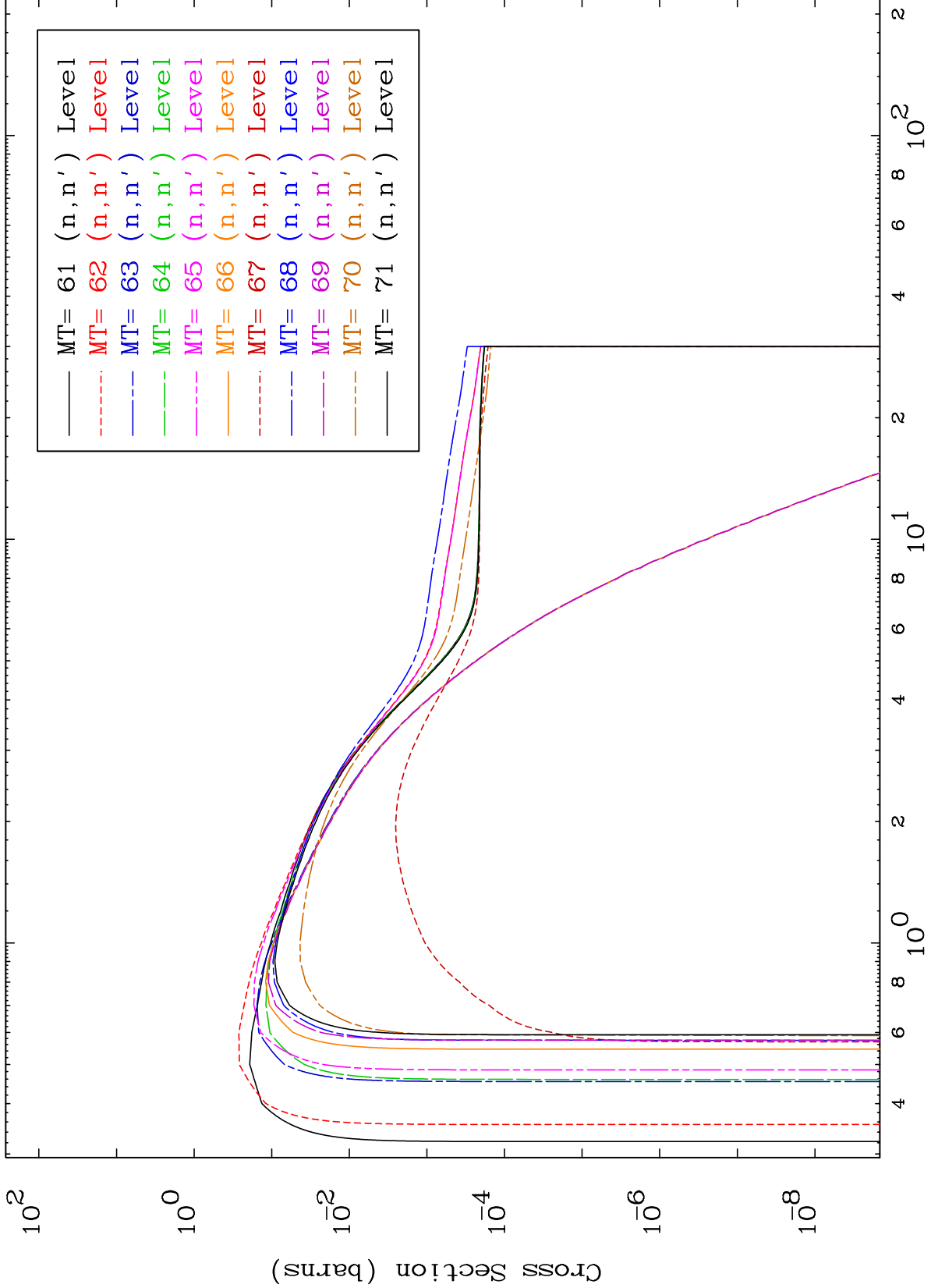


MAT 4252

(n,n') Level

293 Kelvin Cross Sections

42-Mo-101



8

Incident Energy (MeV)

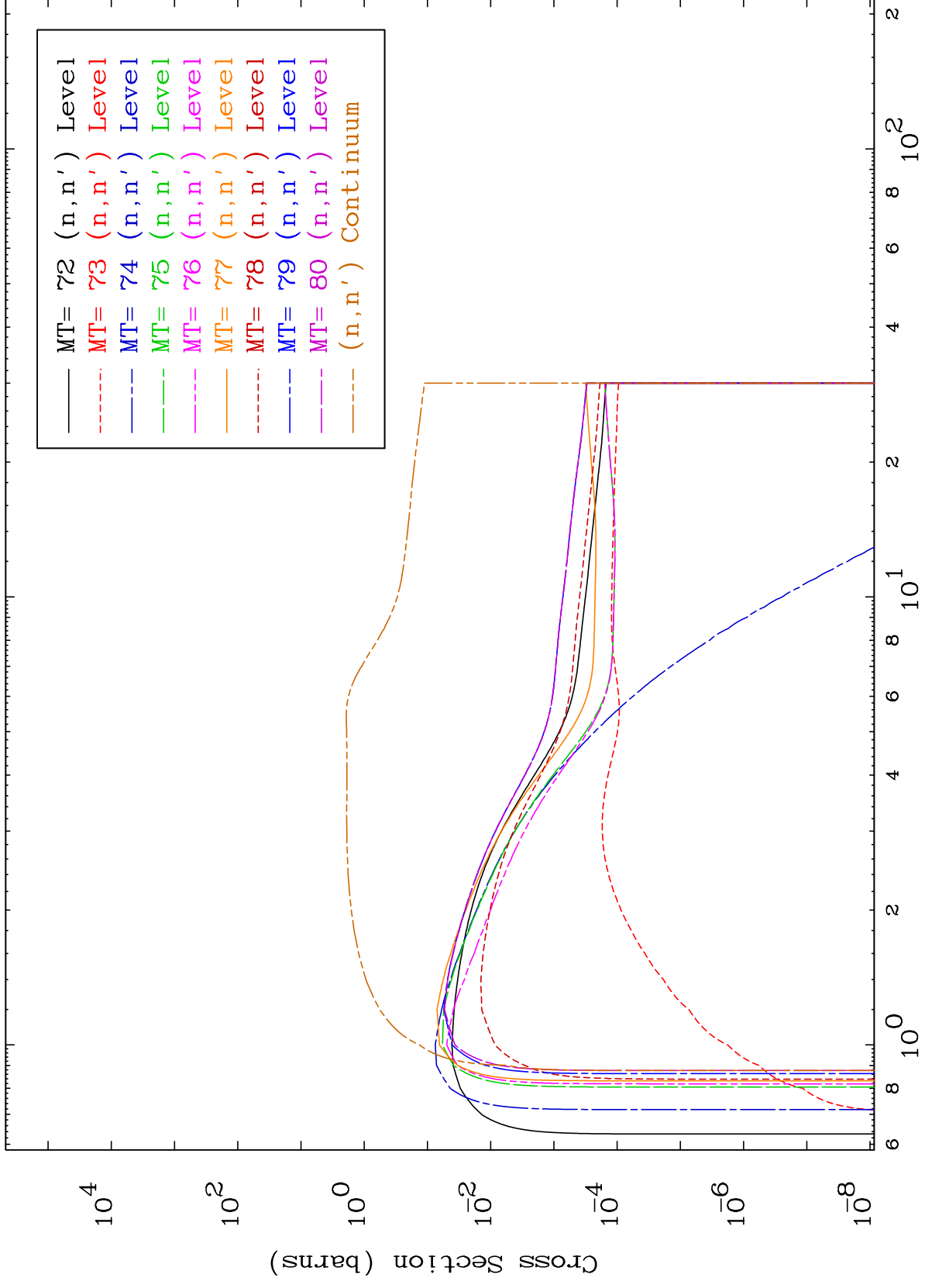
42-Mo-101

MAT 4252

(n,n') Level

42-Mo-101

293 Kelvin Cross Sections



9

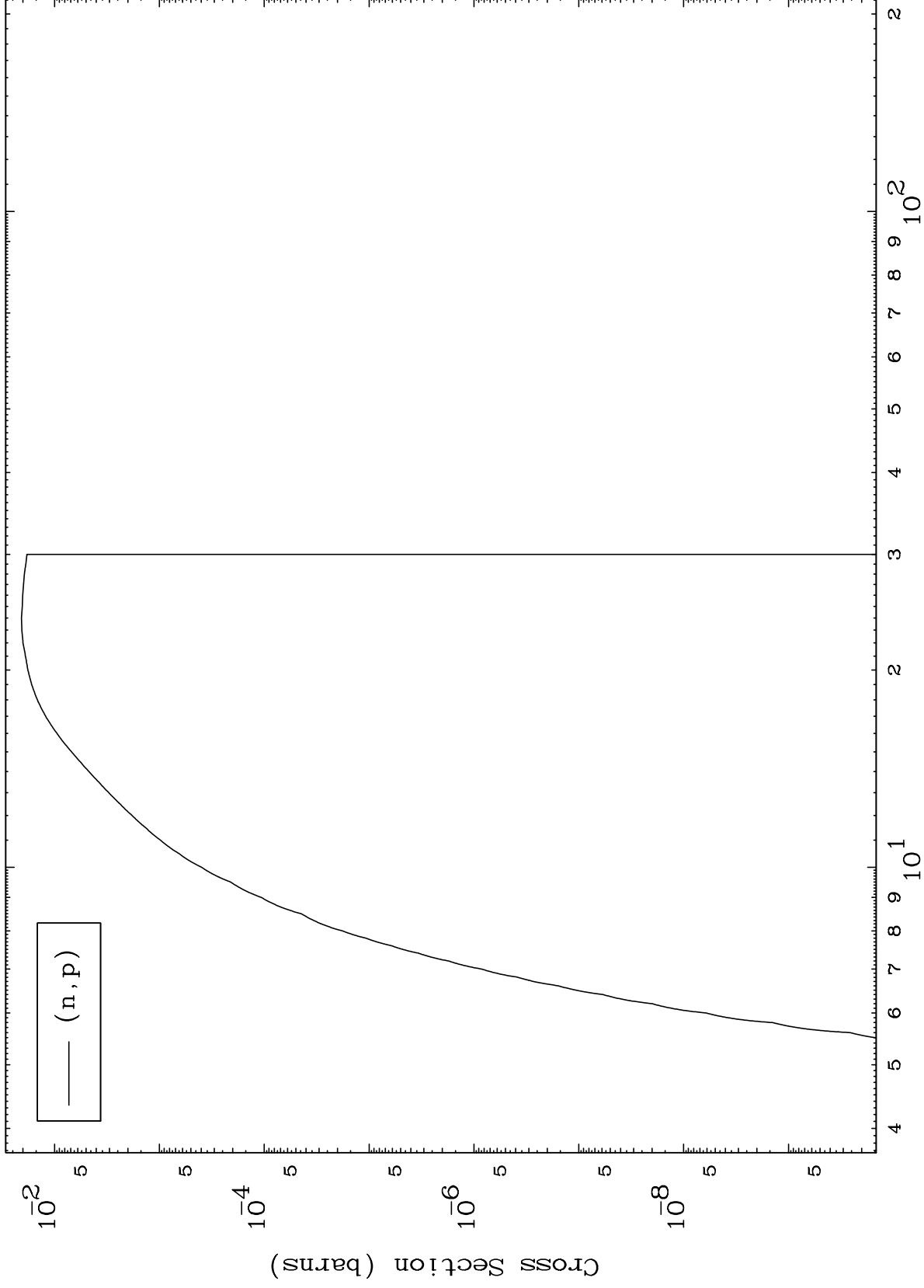
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-101



10

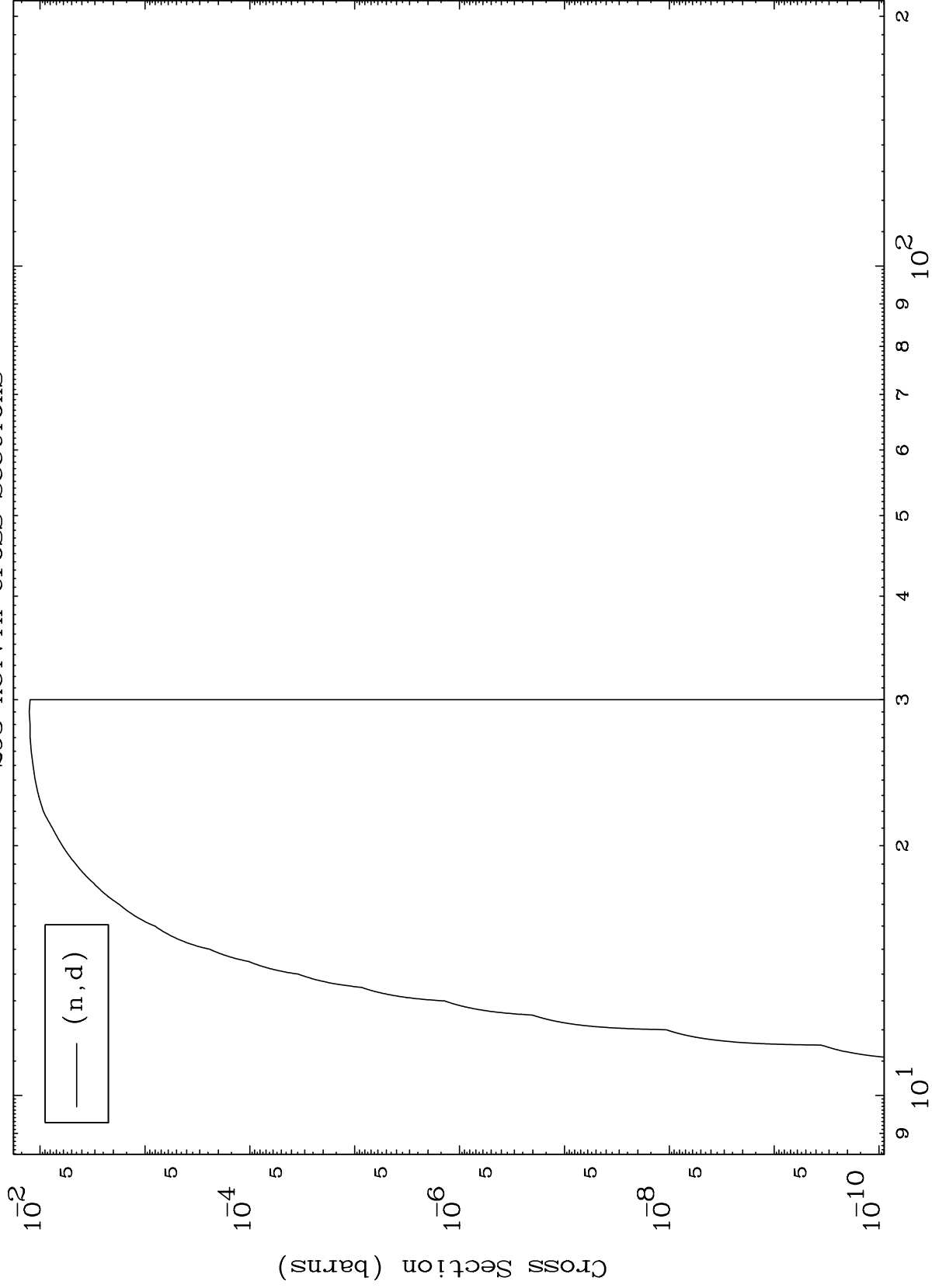
Incident Energy (MeV)

42-Mo-101

MAT 4252

42-Mo-101

(n,d) Levels
293 Kelvin Cross Sections



42-Mo-101

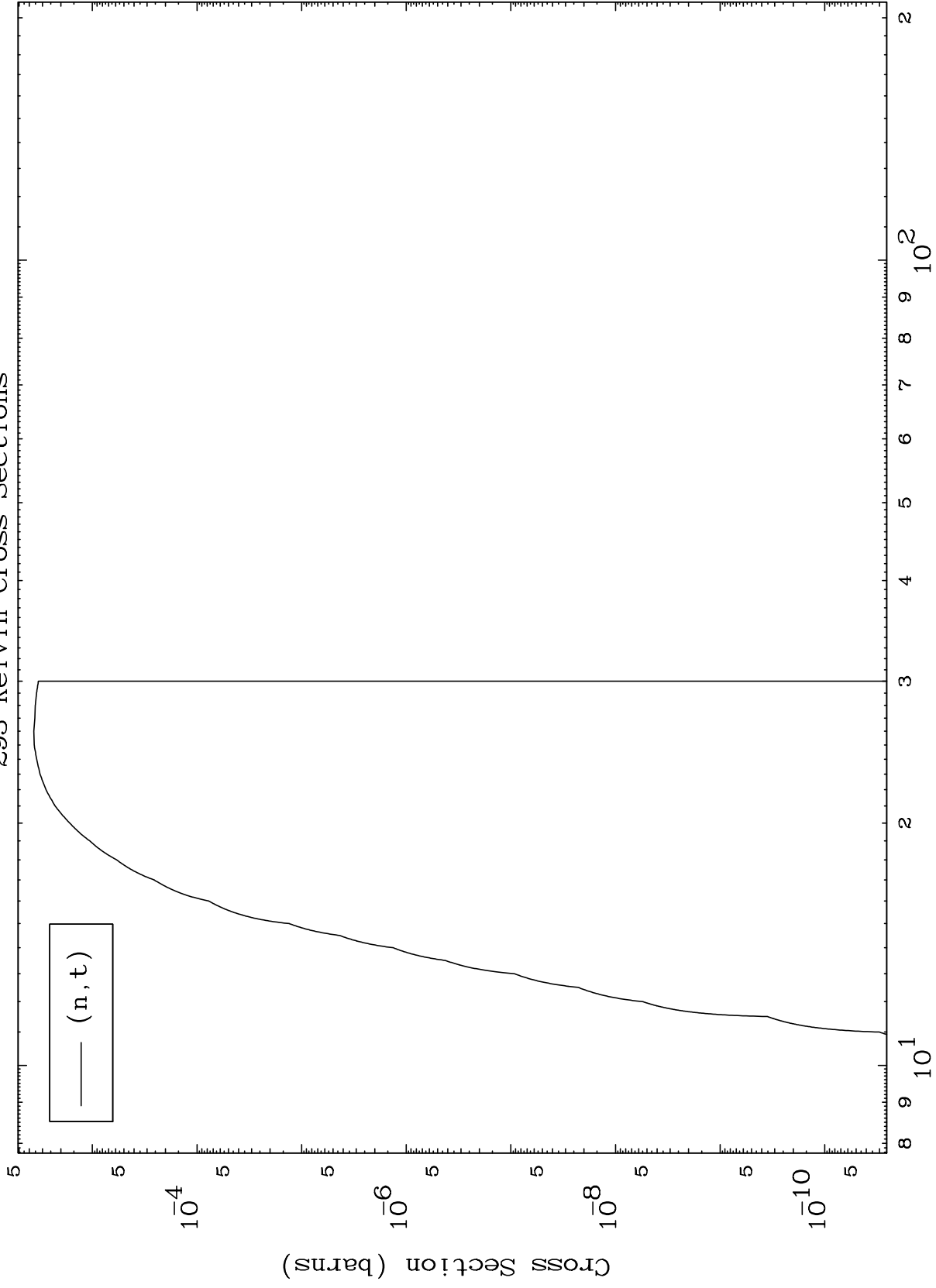
Incident Energy (MeV)

11

MAT 4252

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-101



12

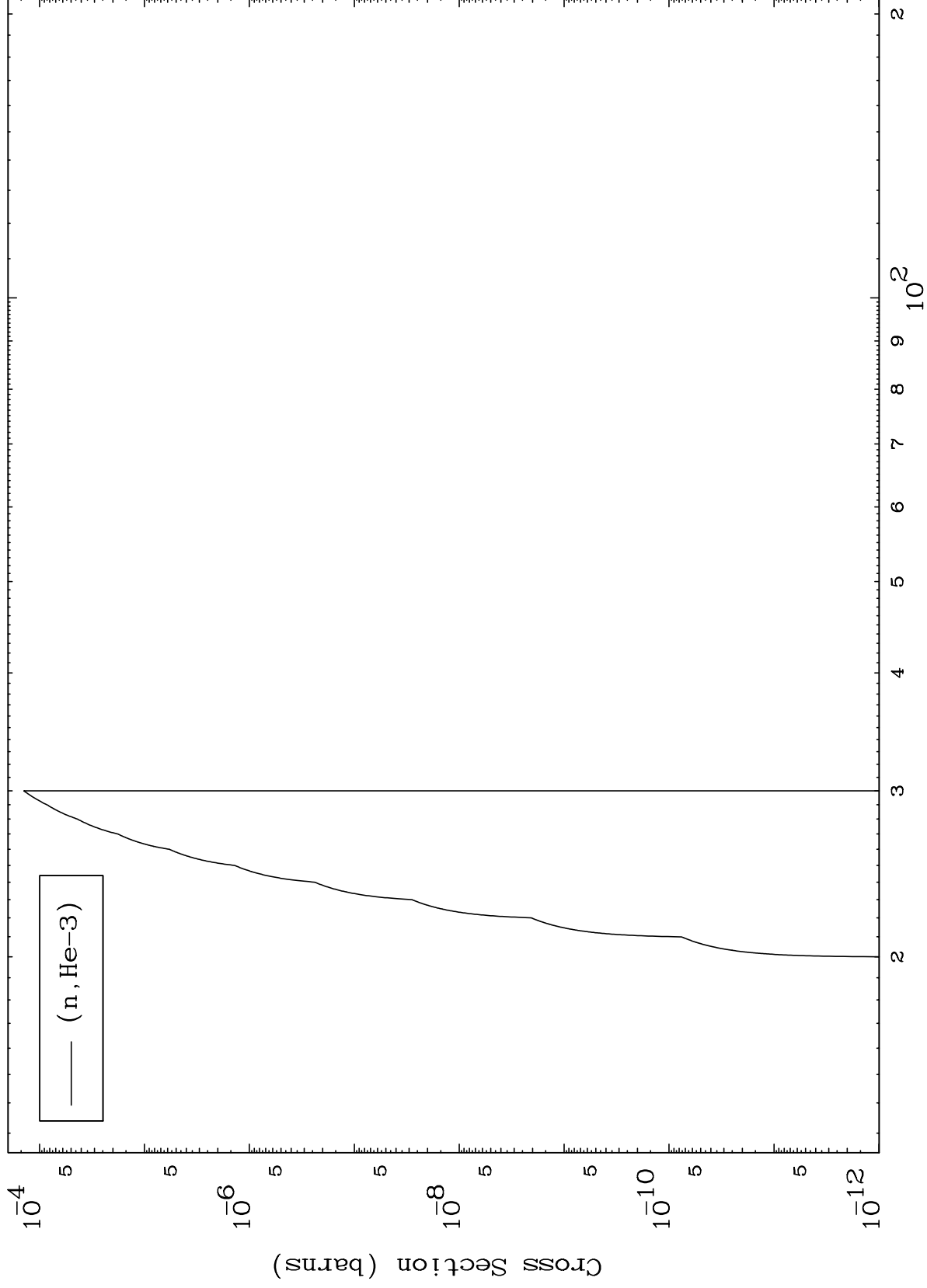
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-101



13

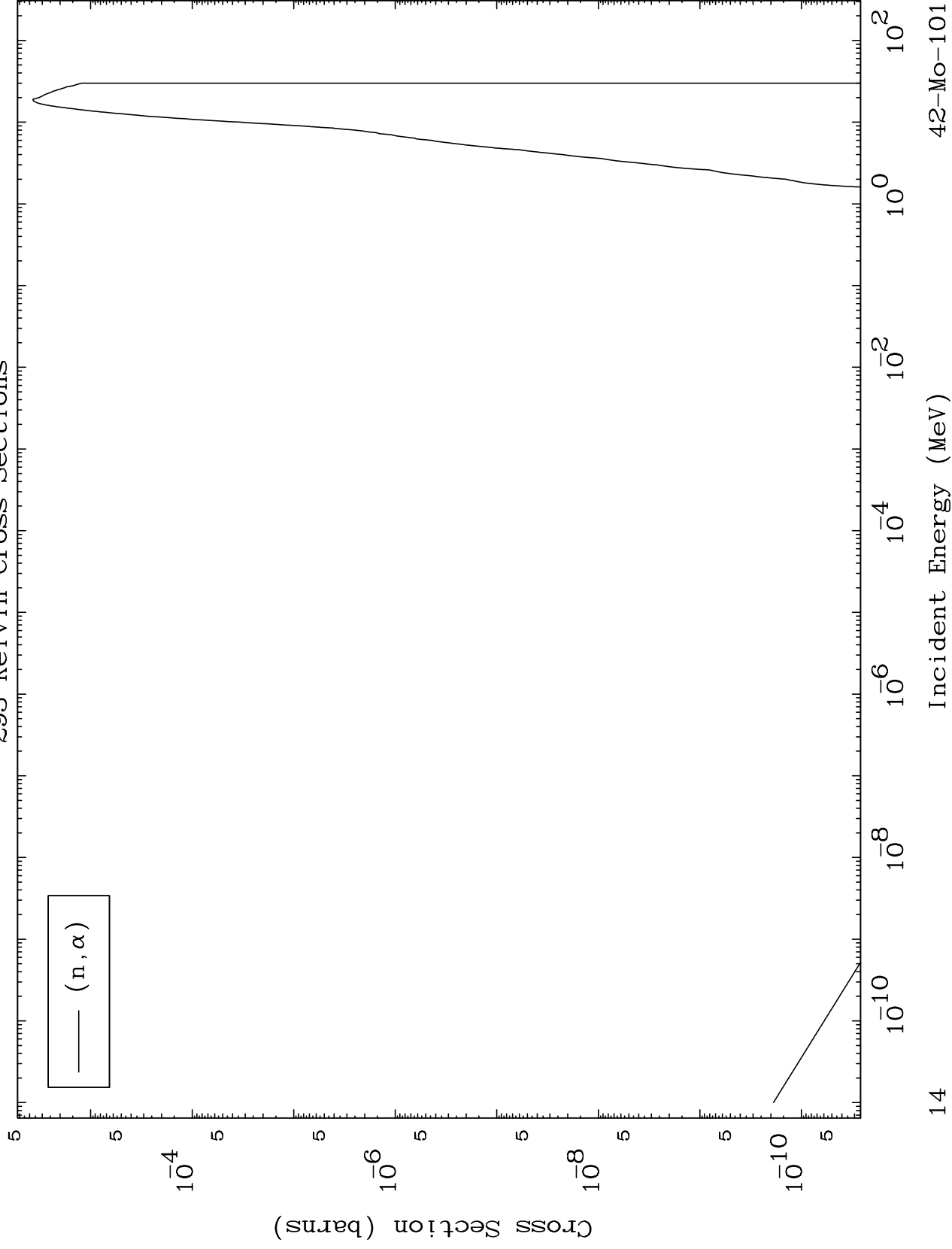
Incident Energy (MeV)

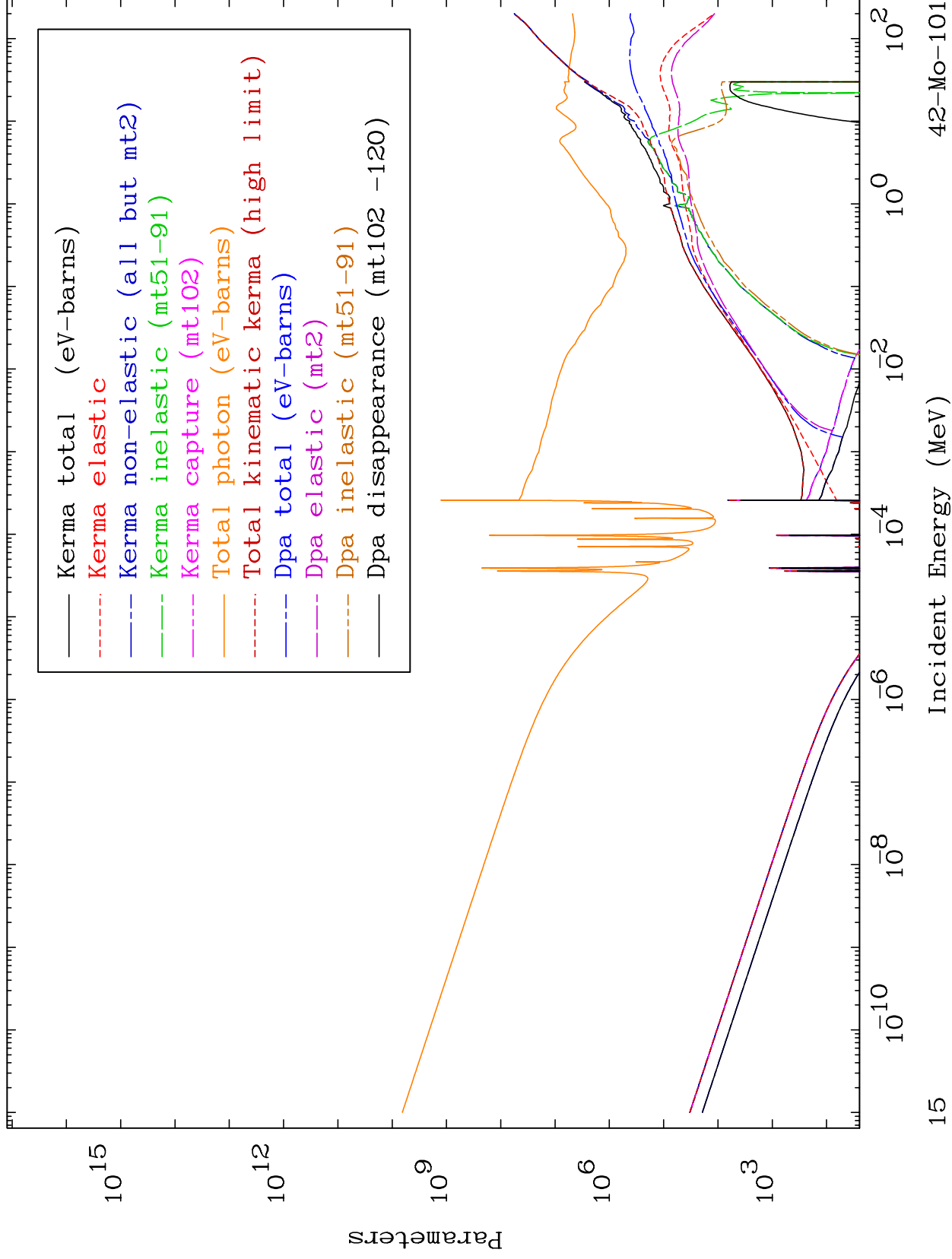
42-Mo-101

MAT 4252

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-101

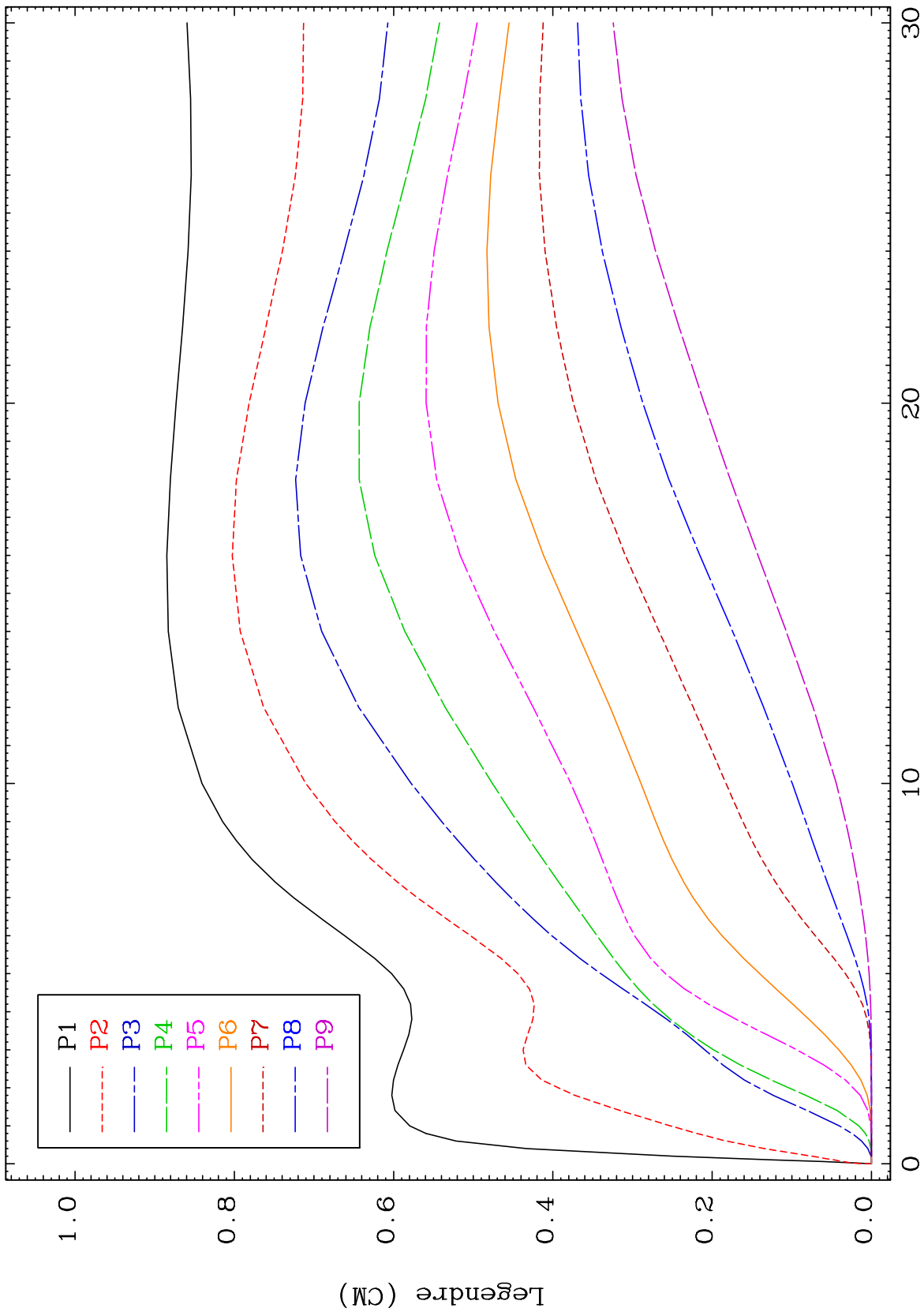




MAT 4252

Elastic Legendre Coefficients

42-Mo-101



16

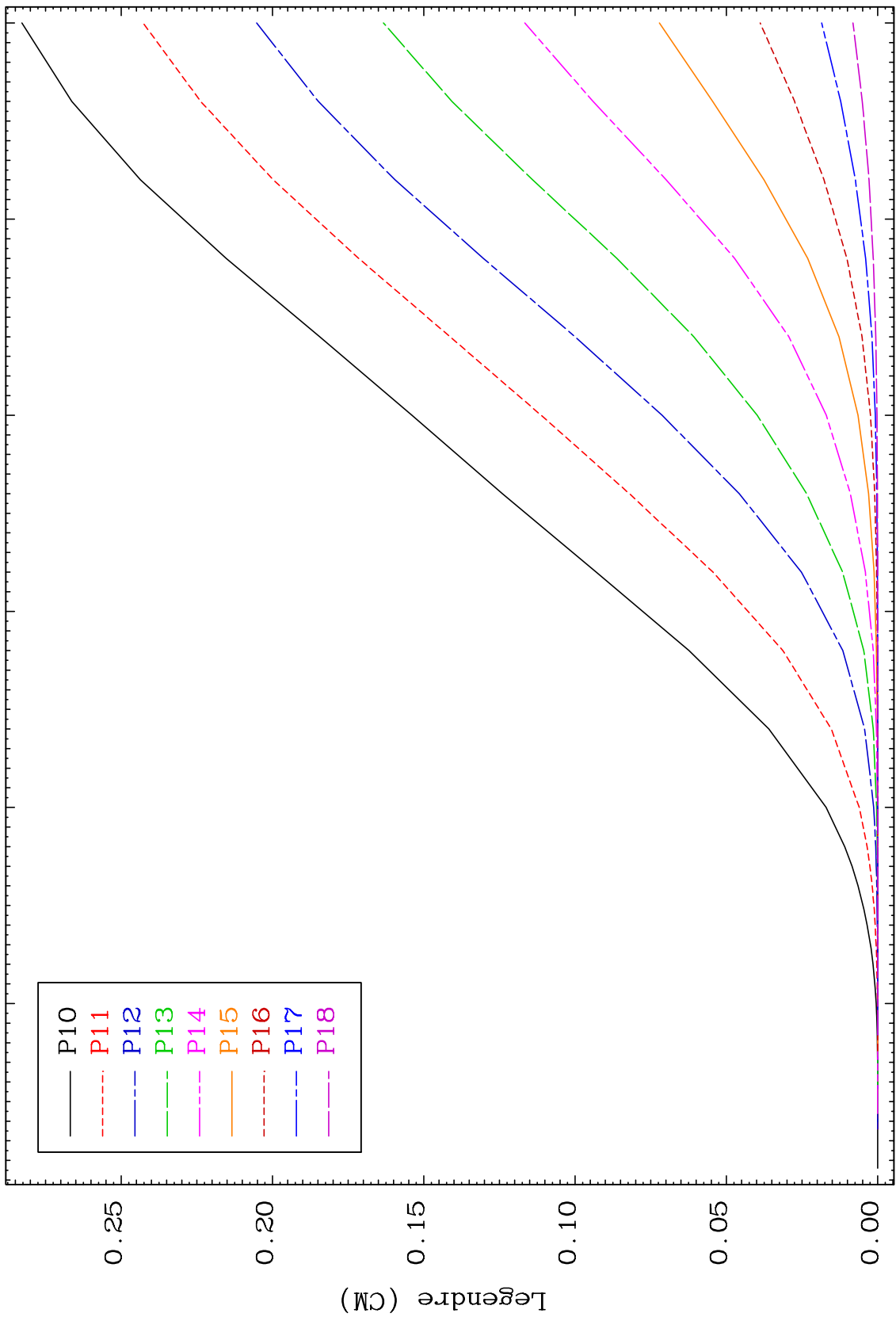
Incident Energy (MeV)

42-Mo-101

MAT 4252

Elastic Legendre Coefficients

42-Mo-101



17

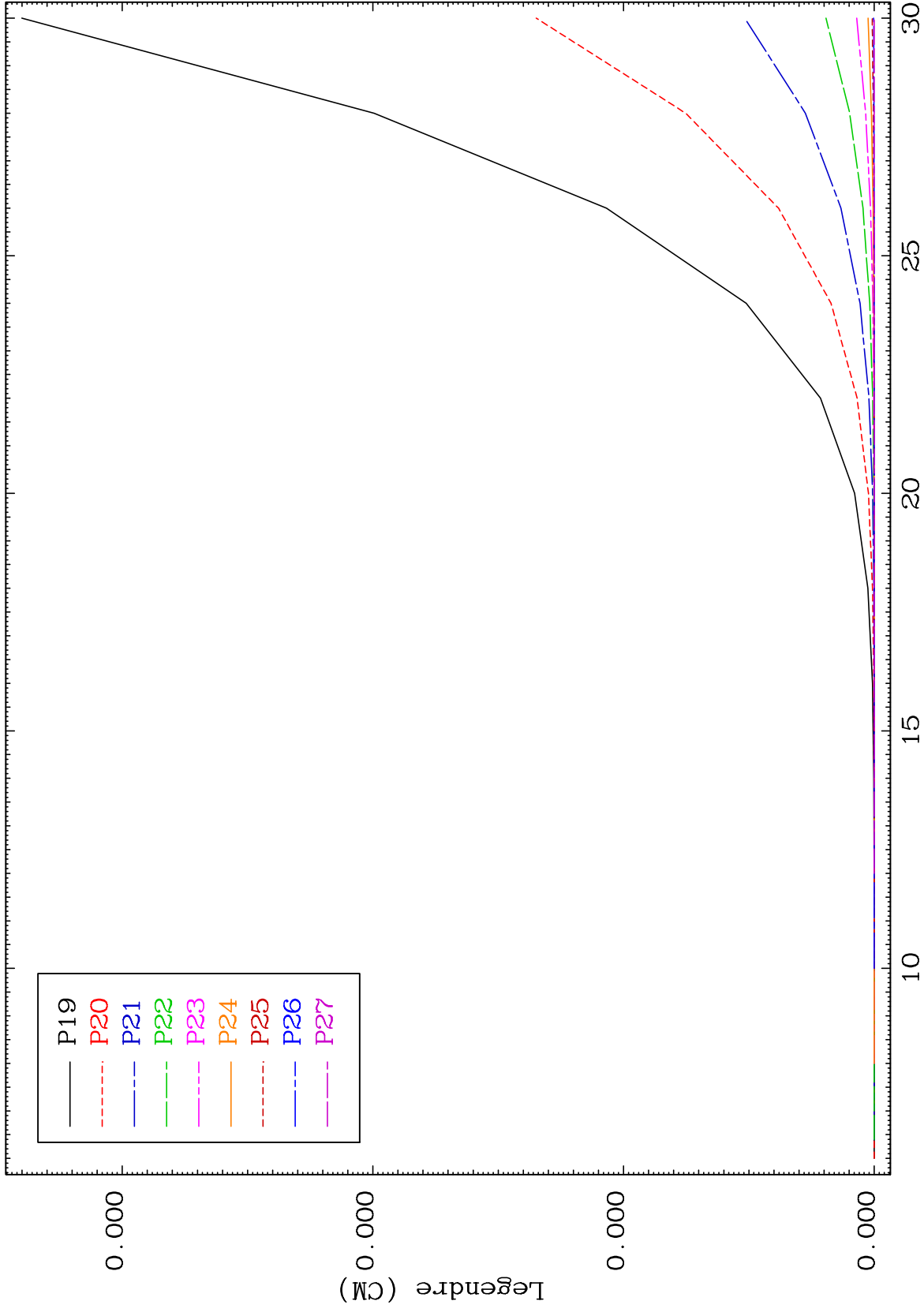
42-Mo-101

Incident Energy (MeV)

MAT 4252

Elastic Legendre Coefficients

42-Mo-101



18

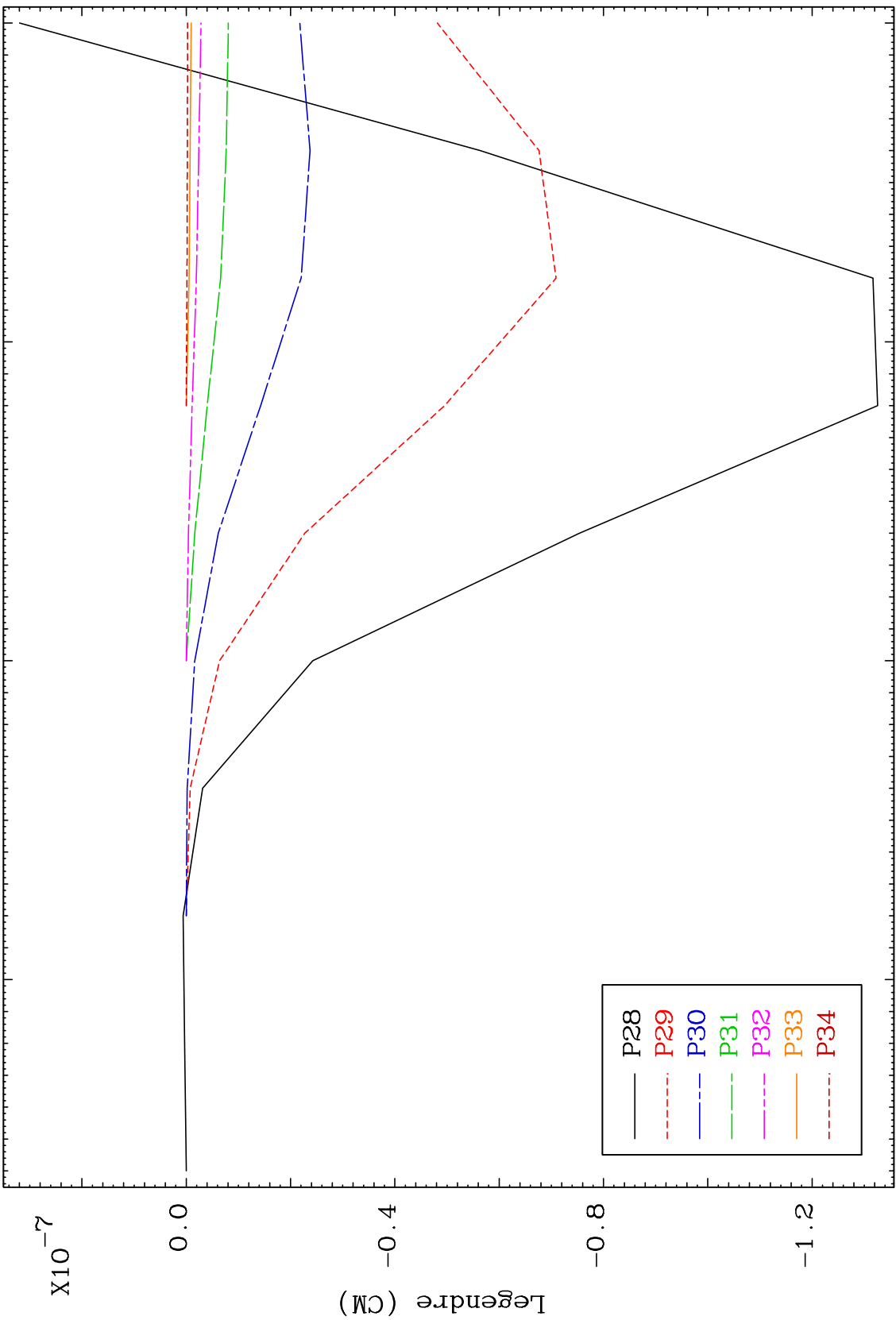
Incident Energy (MeV)

42-Mo-101

MAT 4252

Elastic Legendre Coefficients

42-Mo-101



15

20

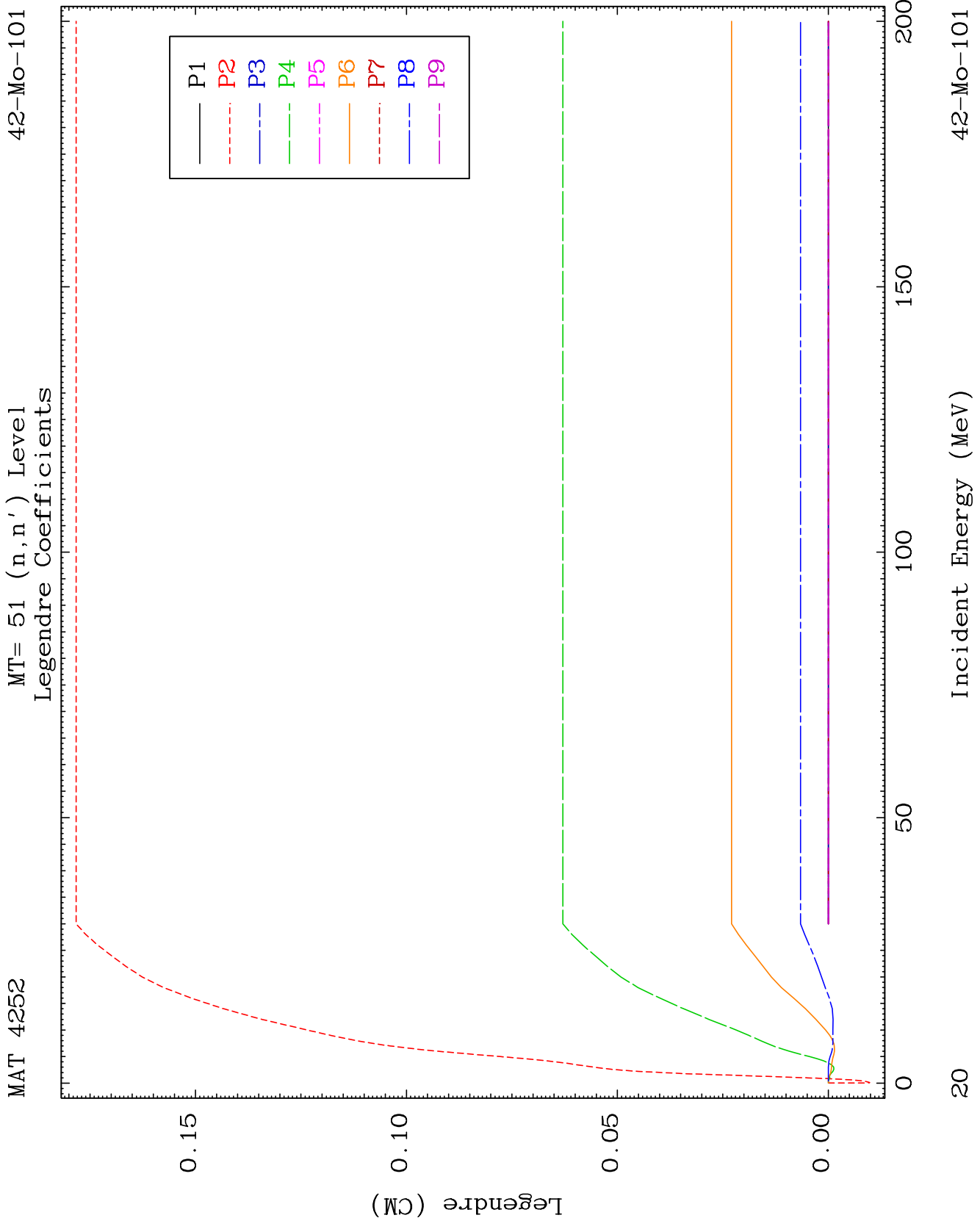
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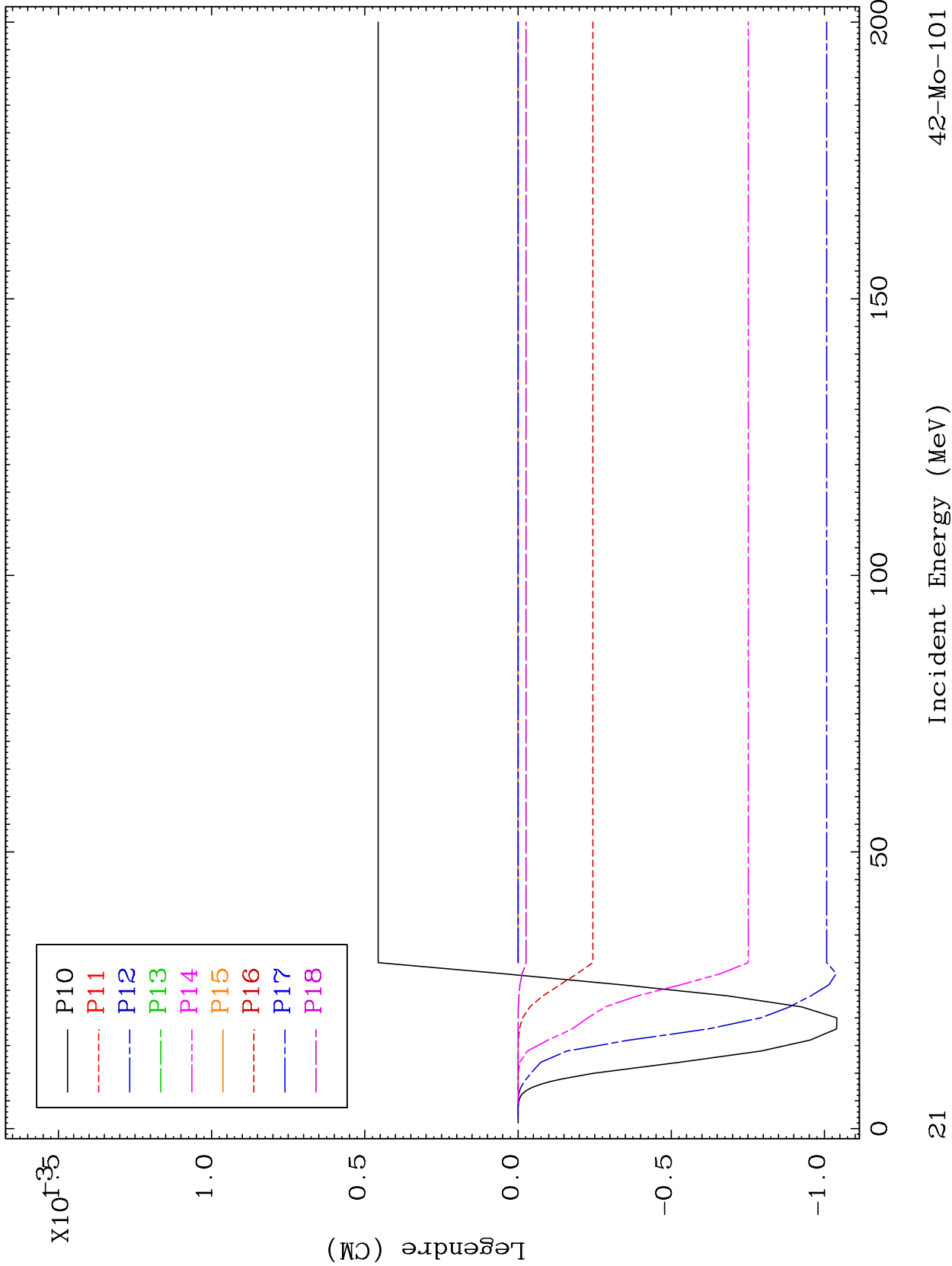
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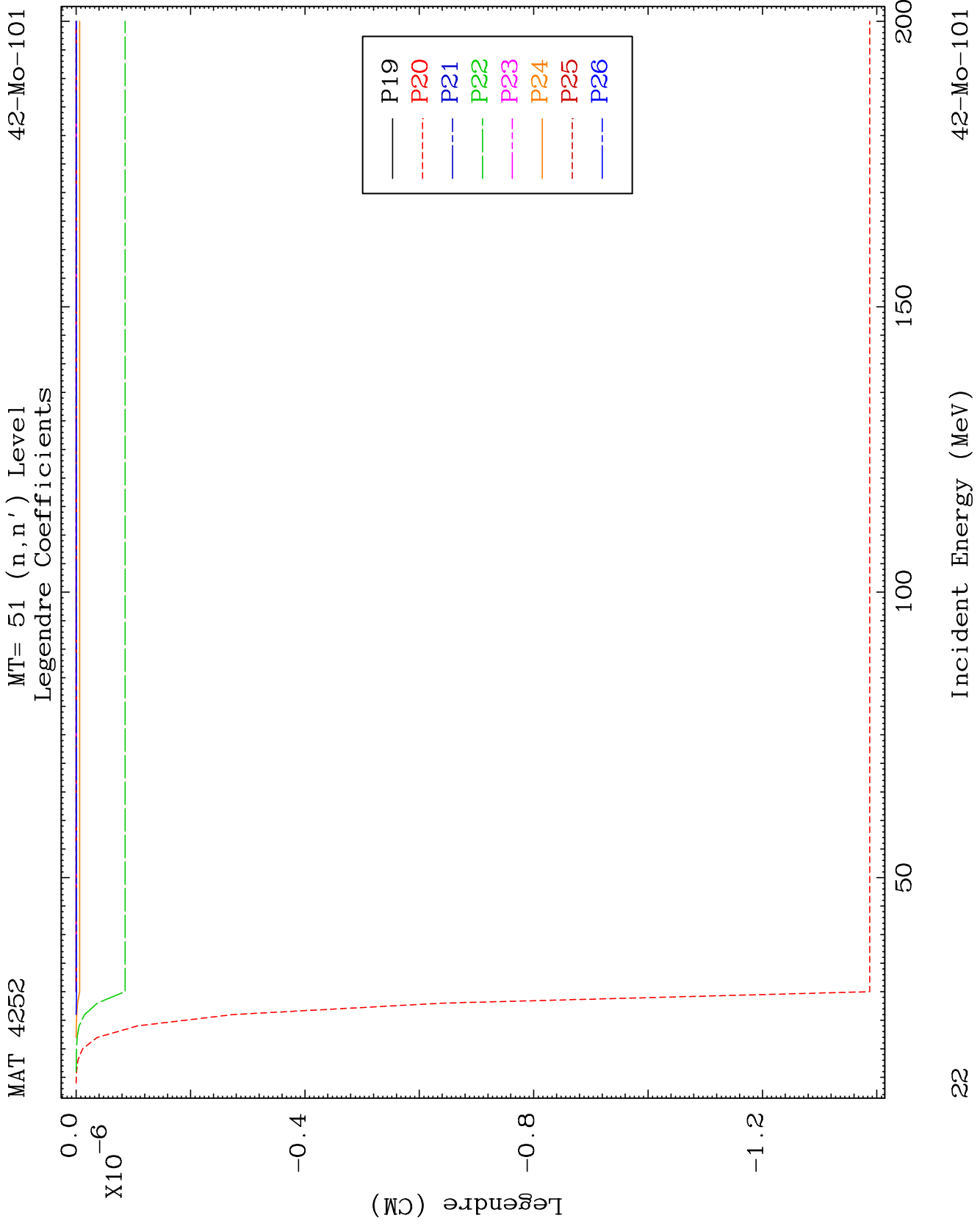
19

Incident Energy (MeV)

42-Mo-101



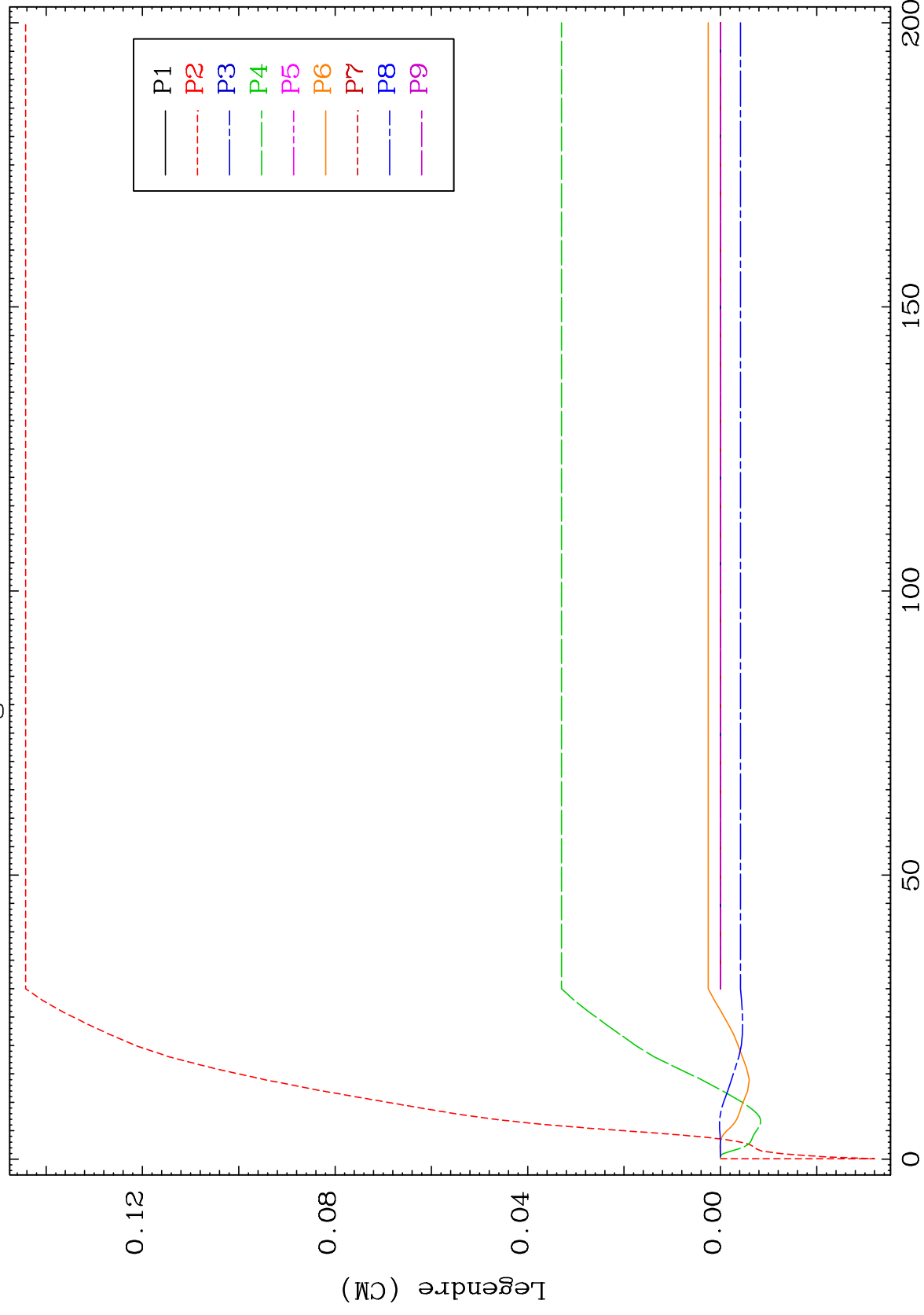




MAT 4252

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

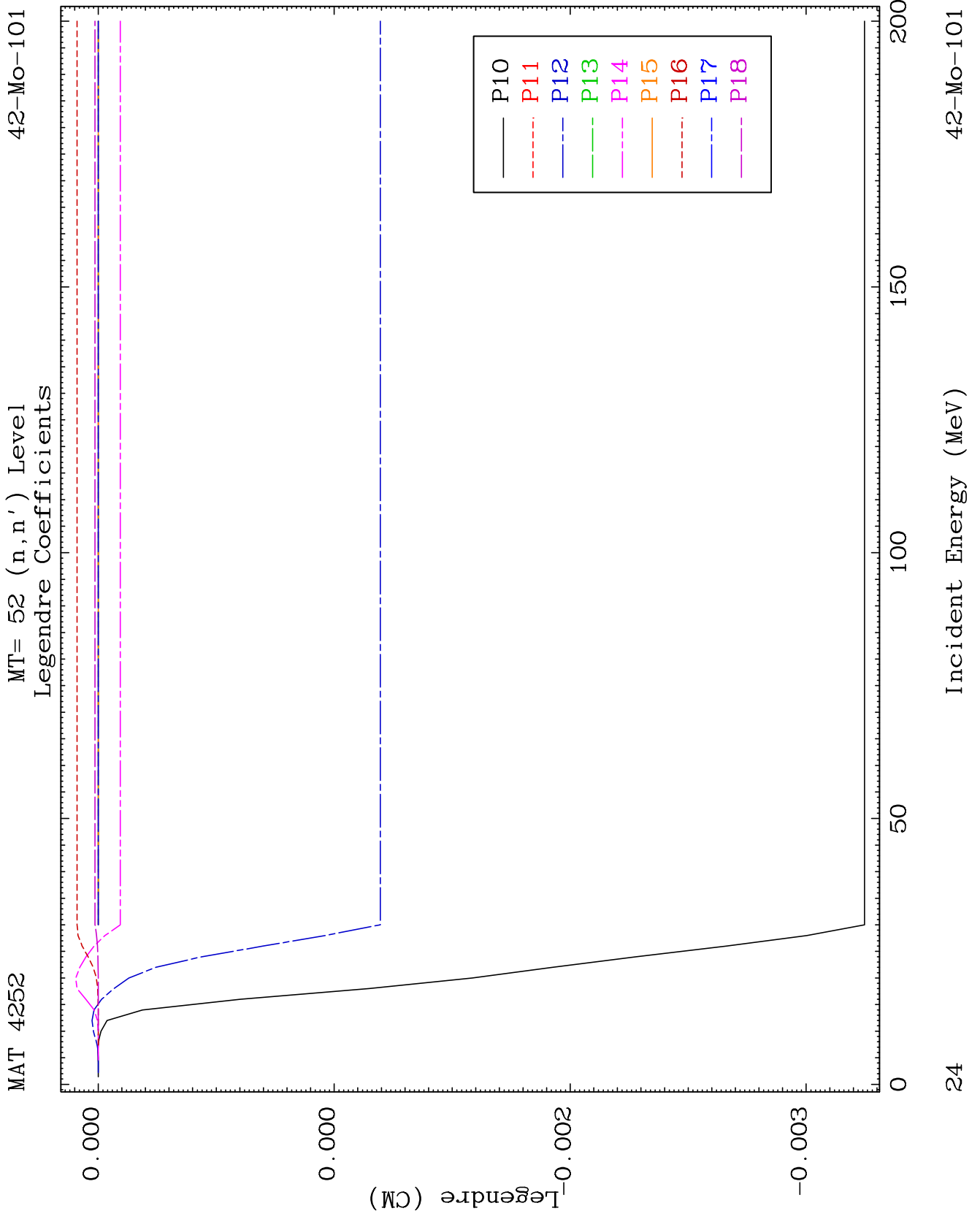
42-Mo-101



23

Incident Energy (MeV)

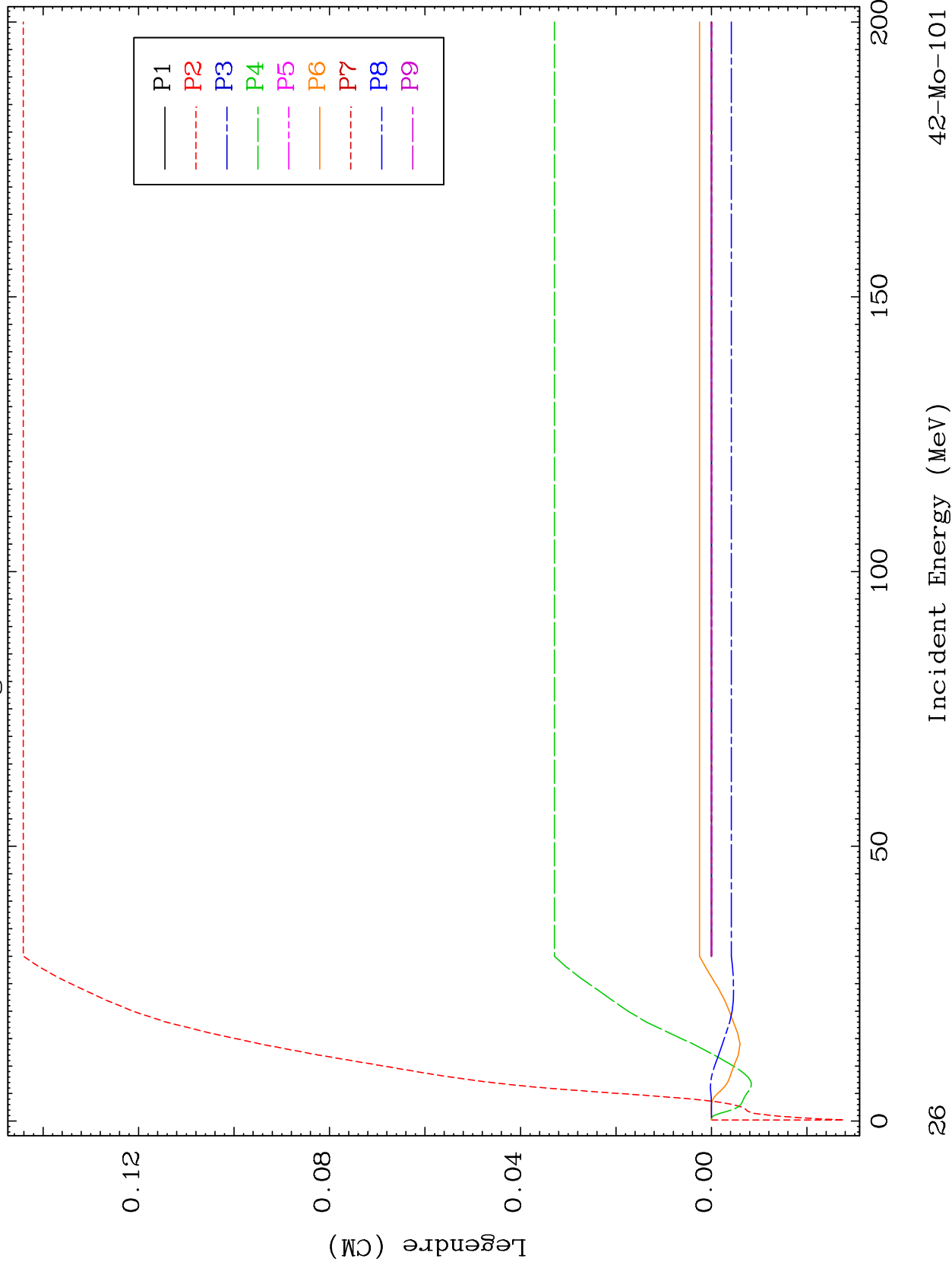
42-Mo-101



MAT 4252

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

42-Mo-101

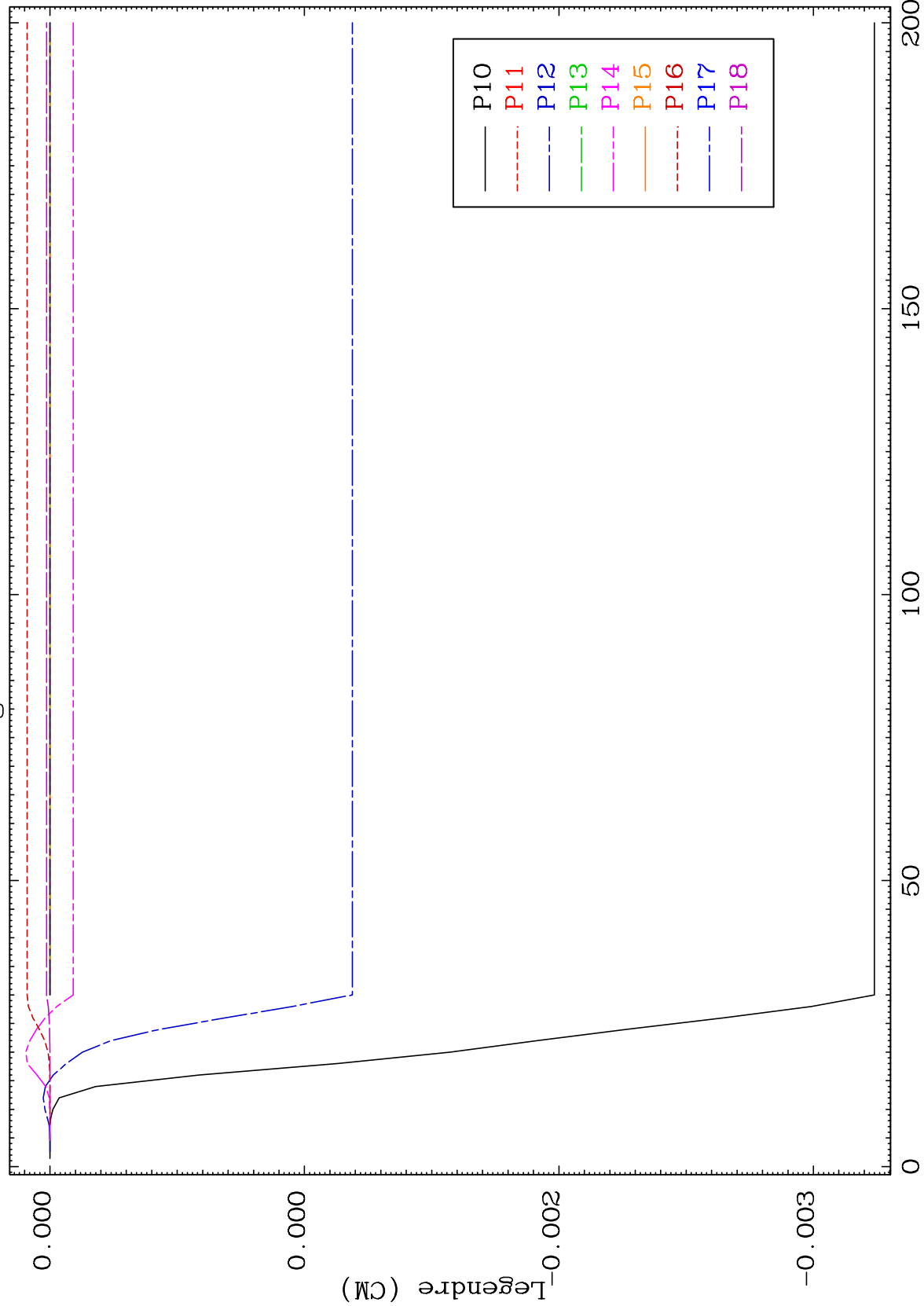


26

MAT 4252

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

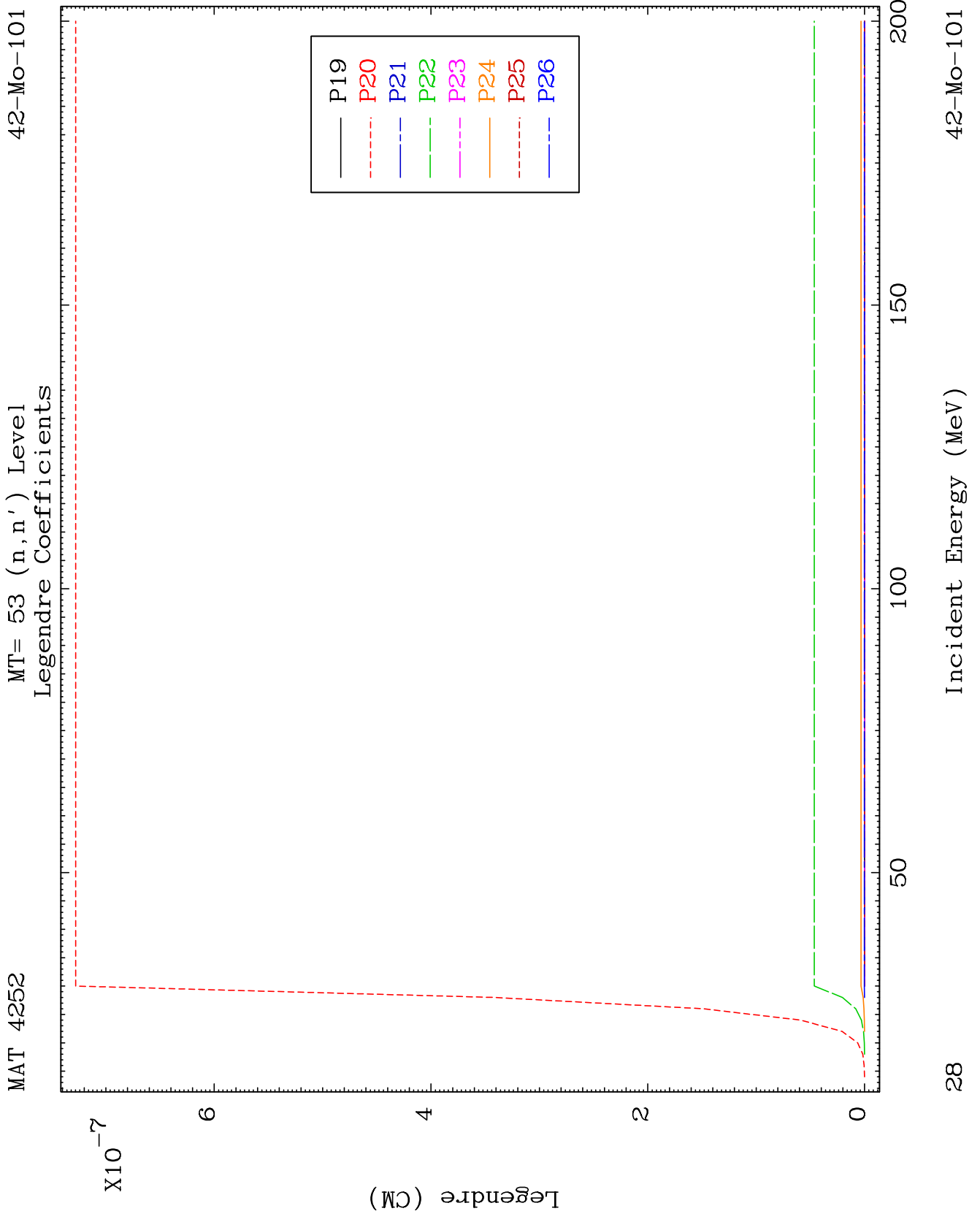
42-Mo-101



27

Incident Energy (MeV)

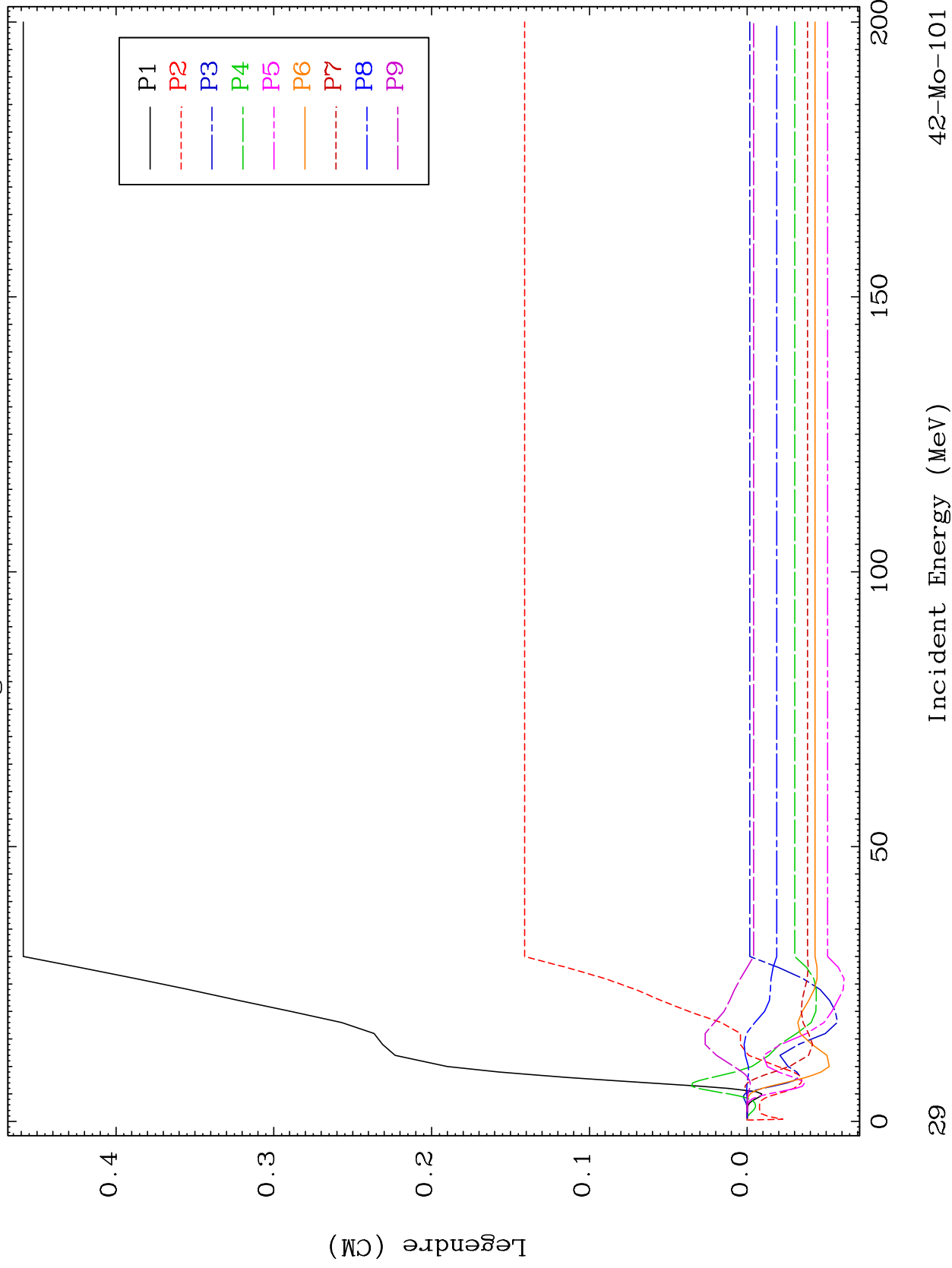
42-Mo-101



MAT 4252

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

42-Mo-101



29

Incident Energy (MeV)

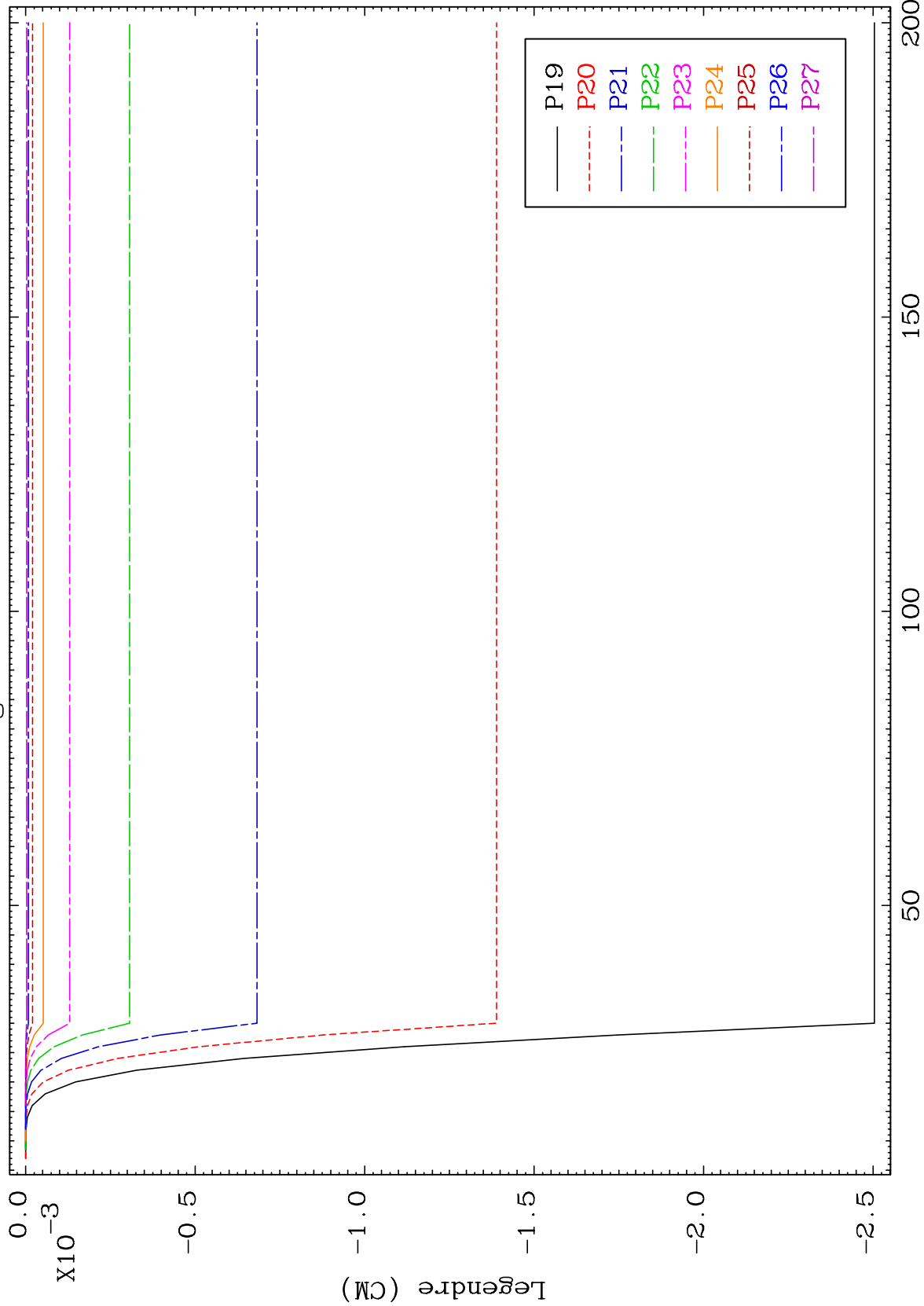
42-Mo-101

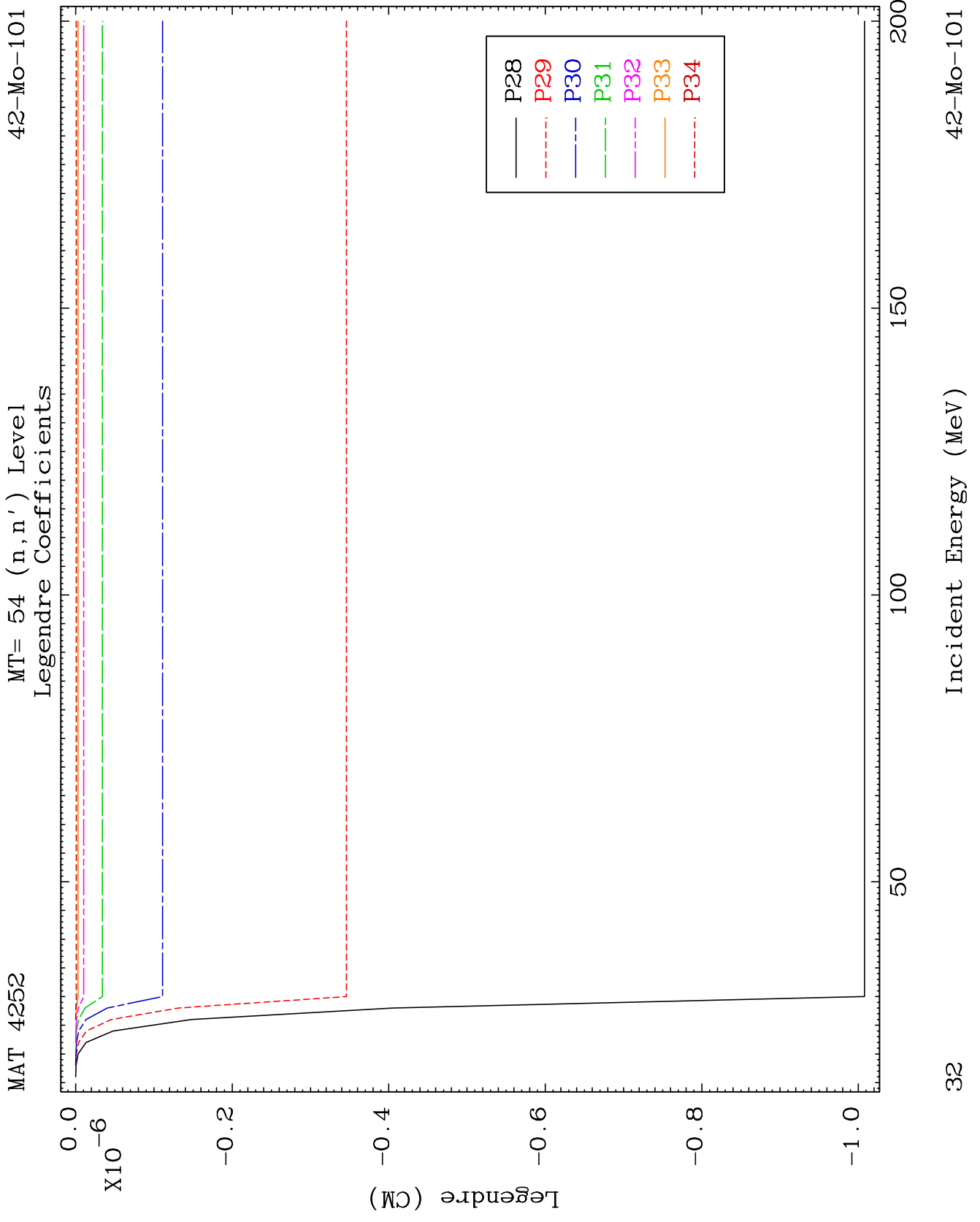
MAT 4252

MT= 54 (n,n') Level

42-Mo-101

Legendre Coefficients

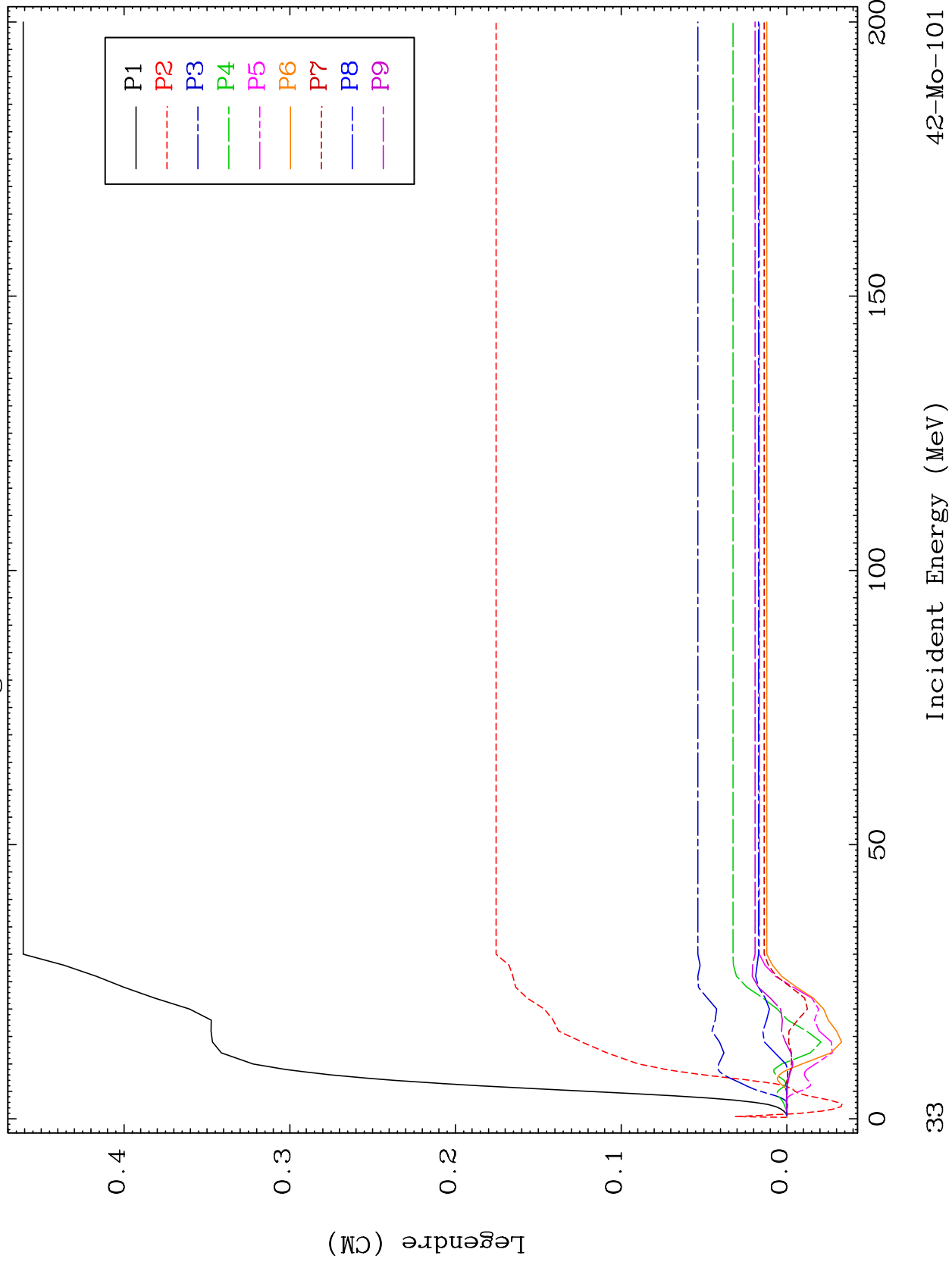




MAT 4252

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

42-Mo-101



42-Mo-101

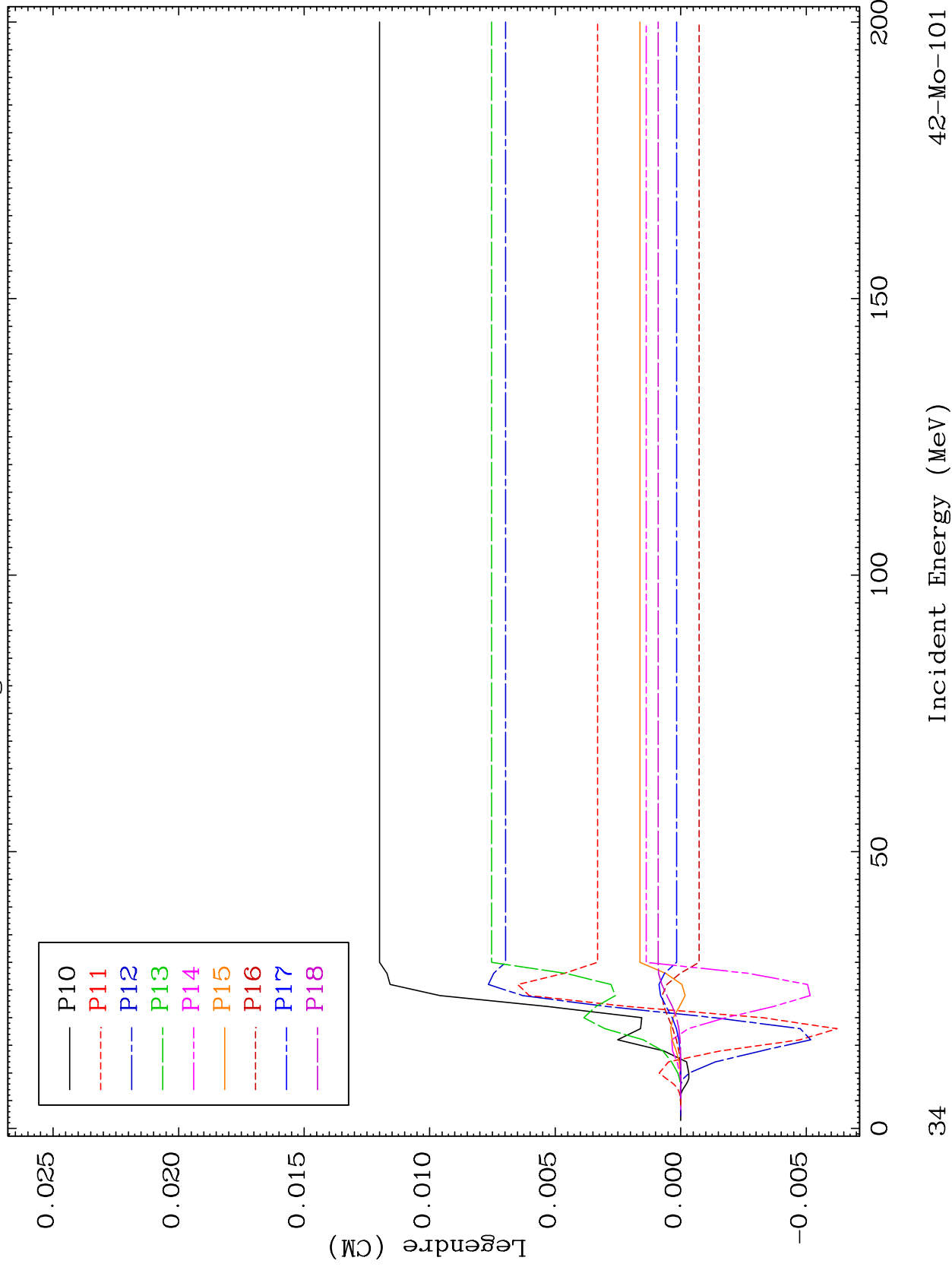
Incident Energy (MeV)

33

MAT 4252

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

42-Mo-101



34

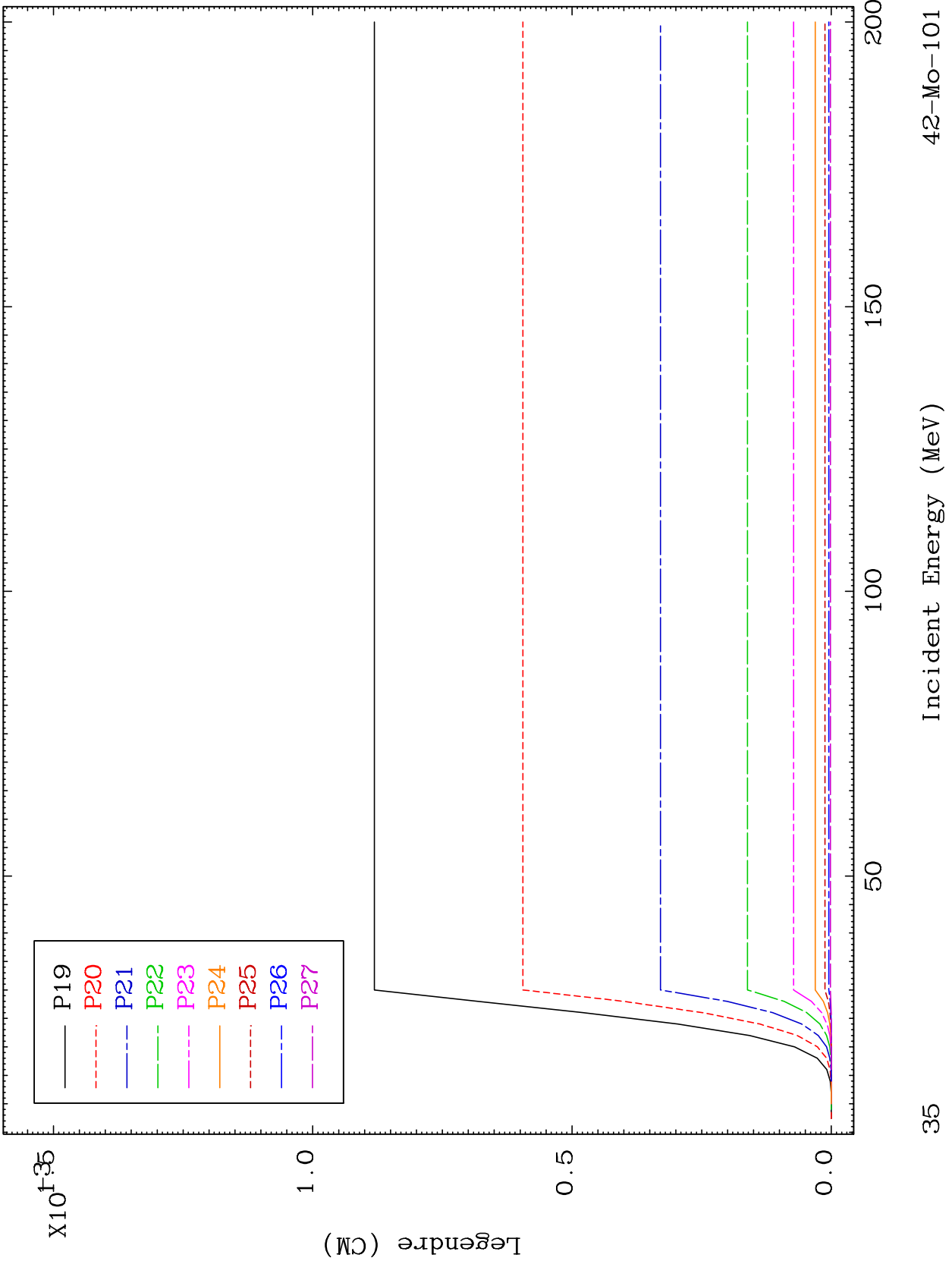
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



35

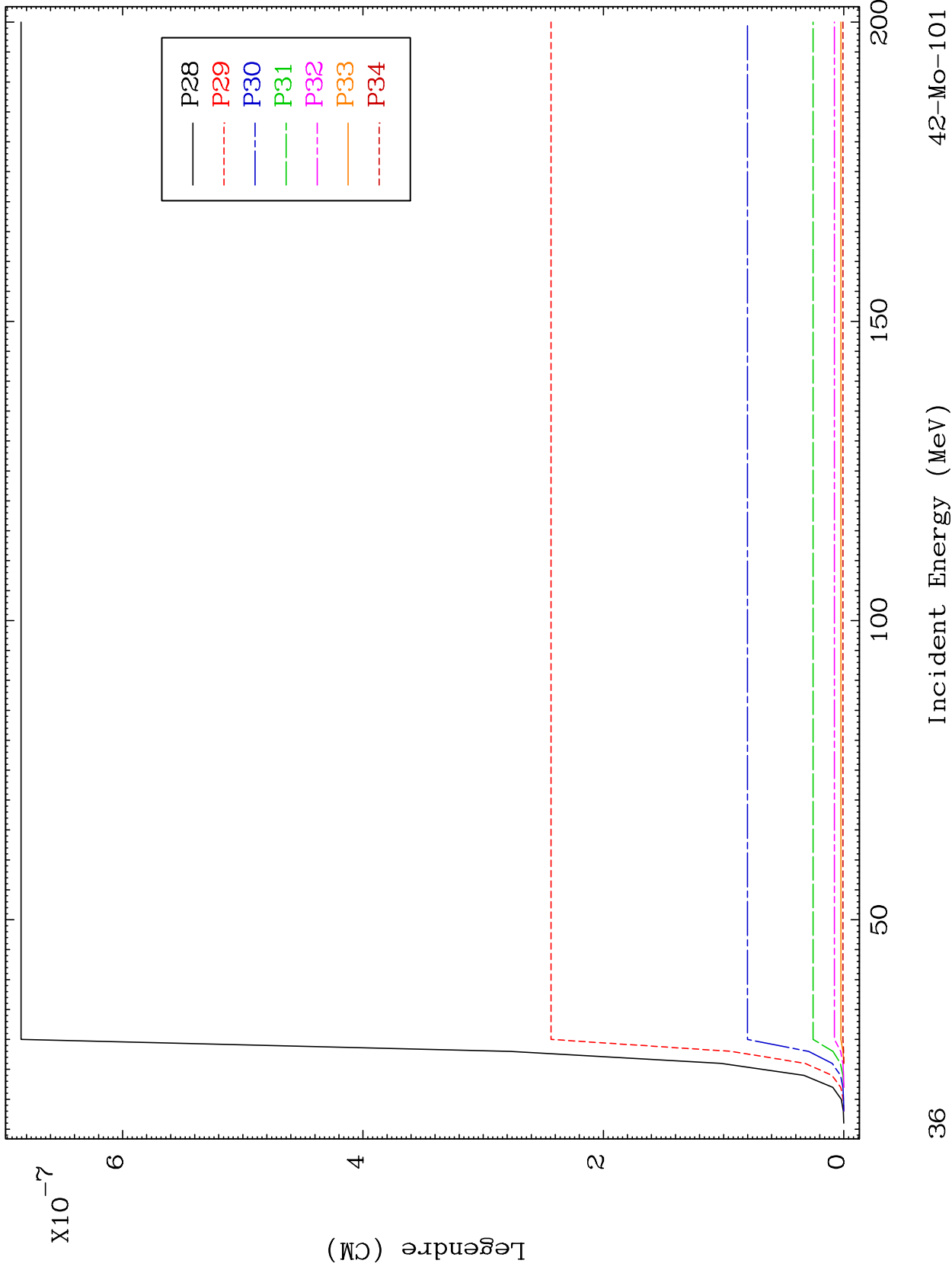
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

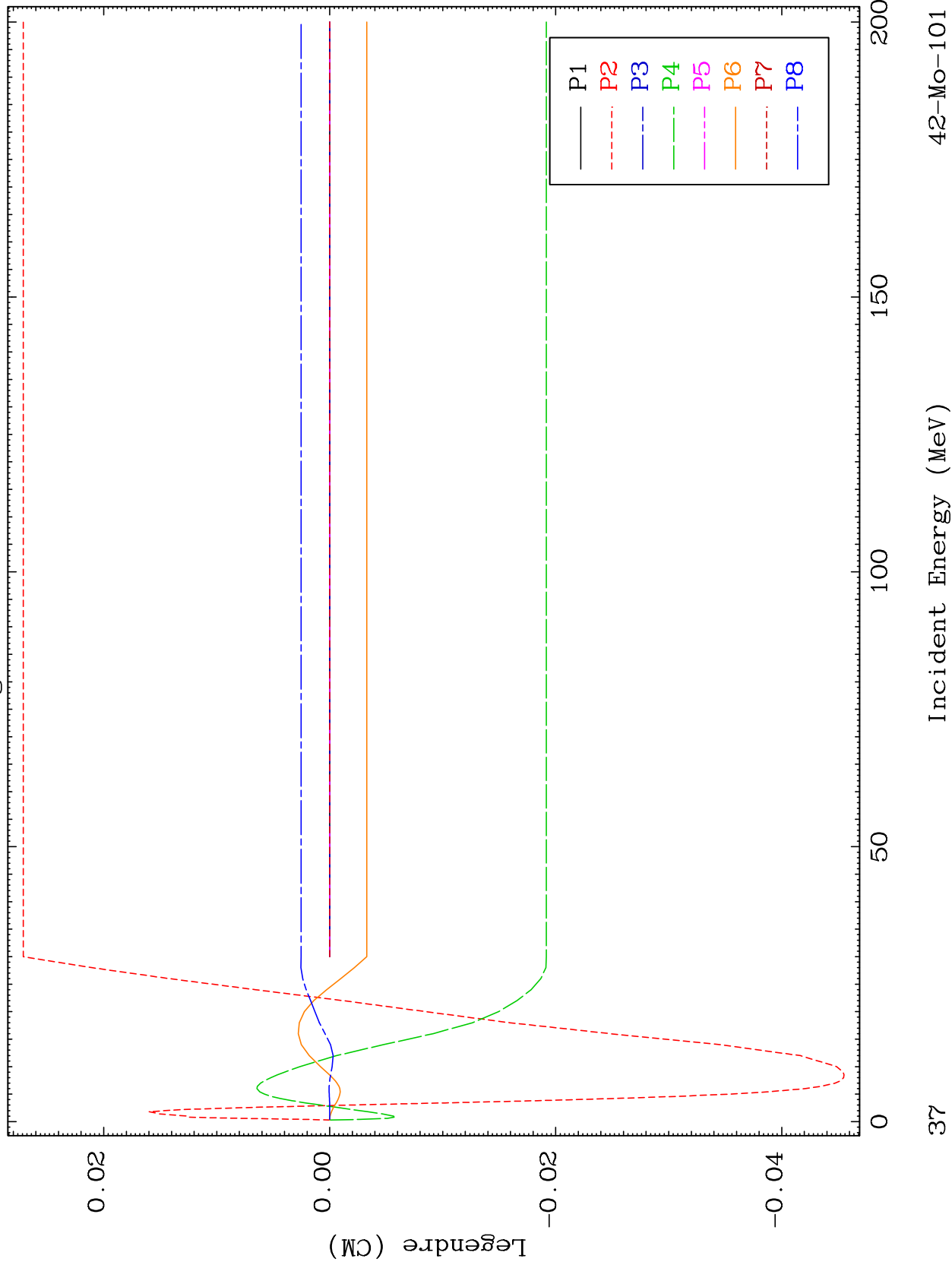
42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

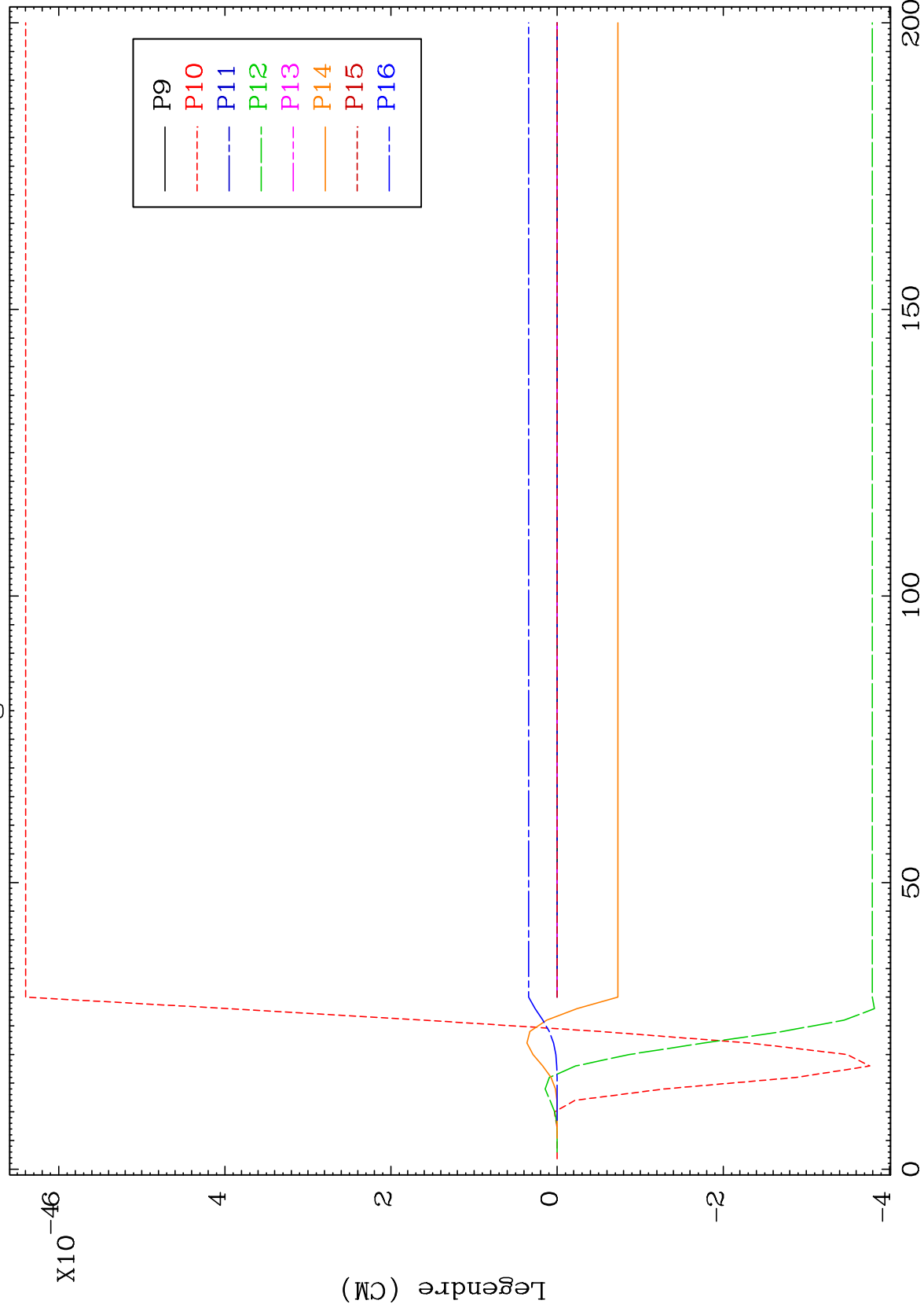
Incident Energy (MeV)

37

MAT 4252

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

42-Mo-101



38

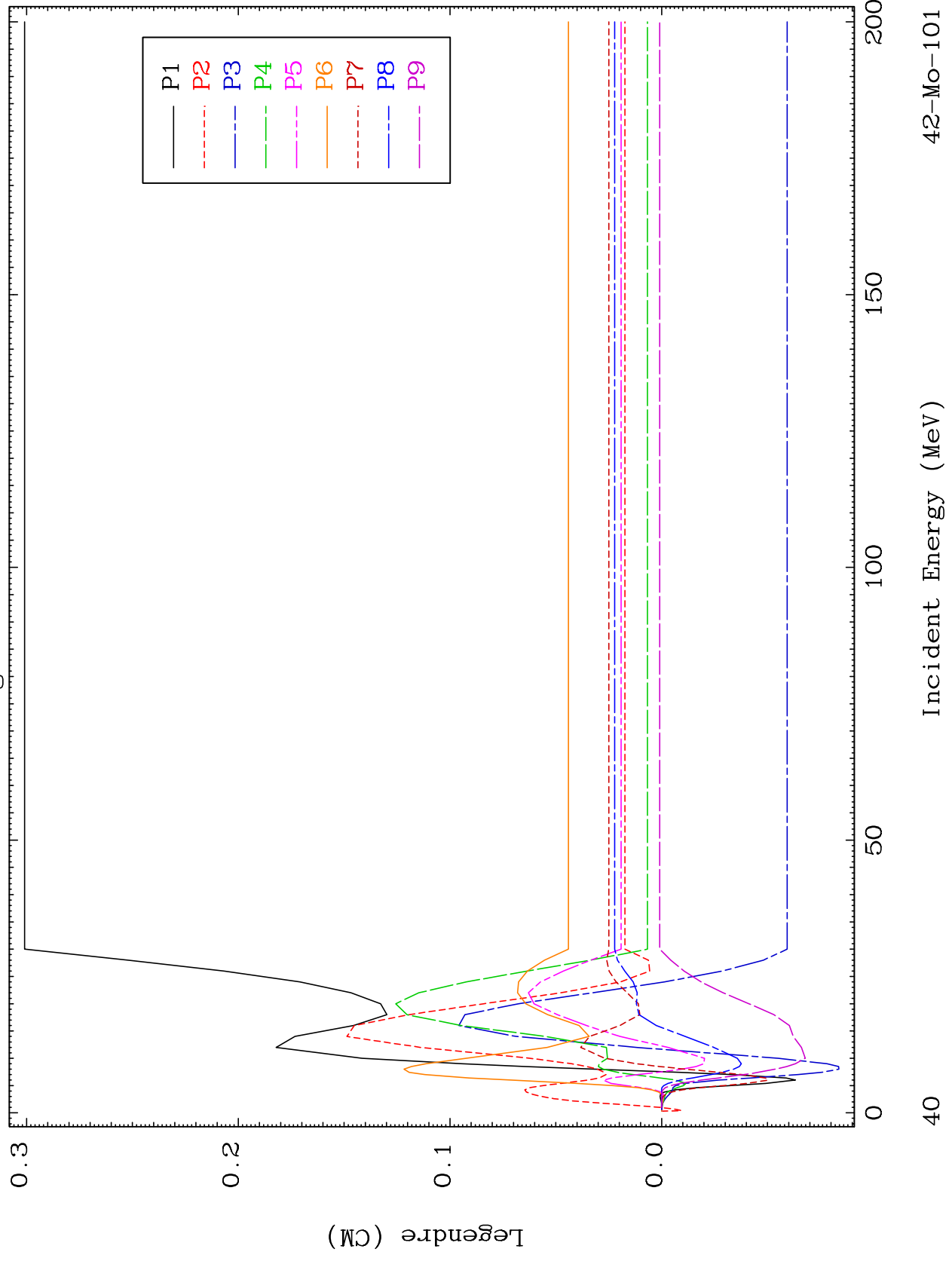
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101

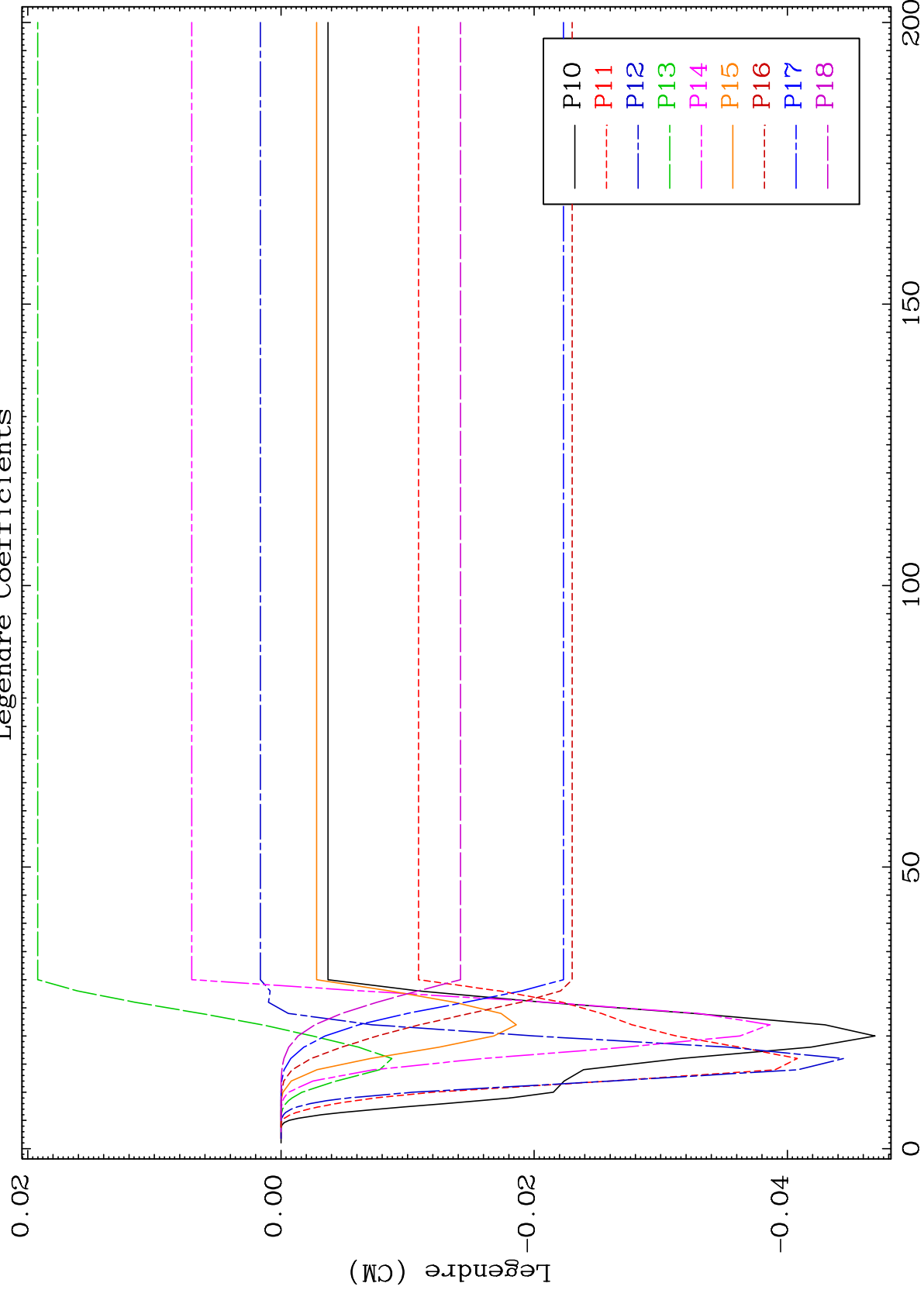


42-Mo-101

MAT 4252

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

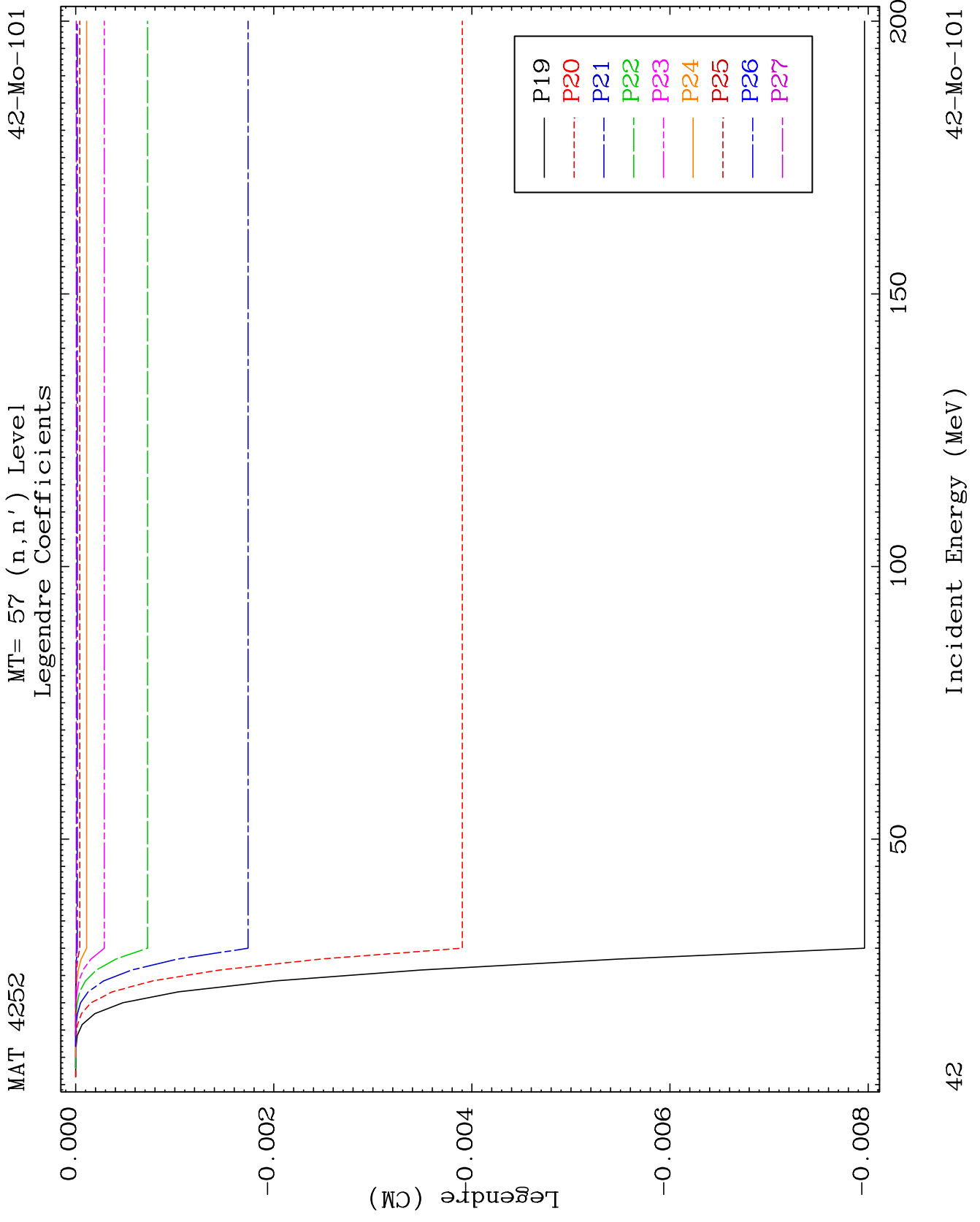
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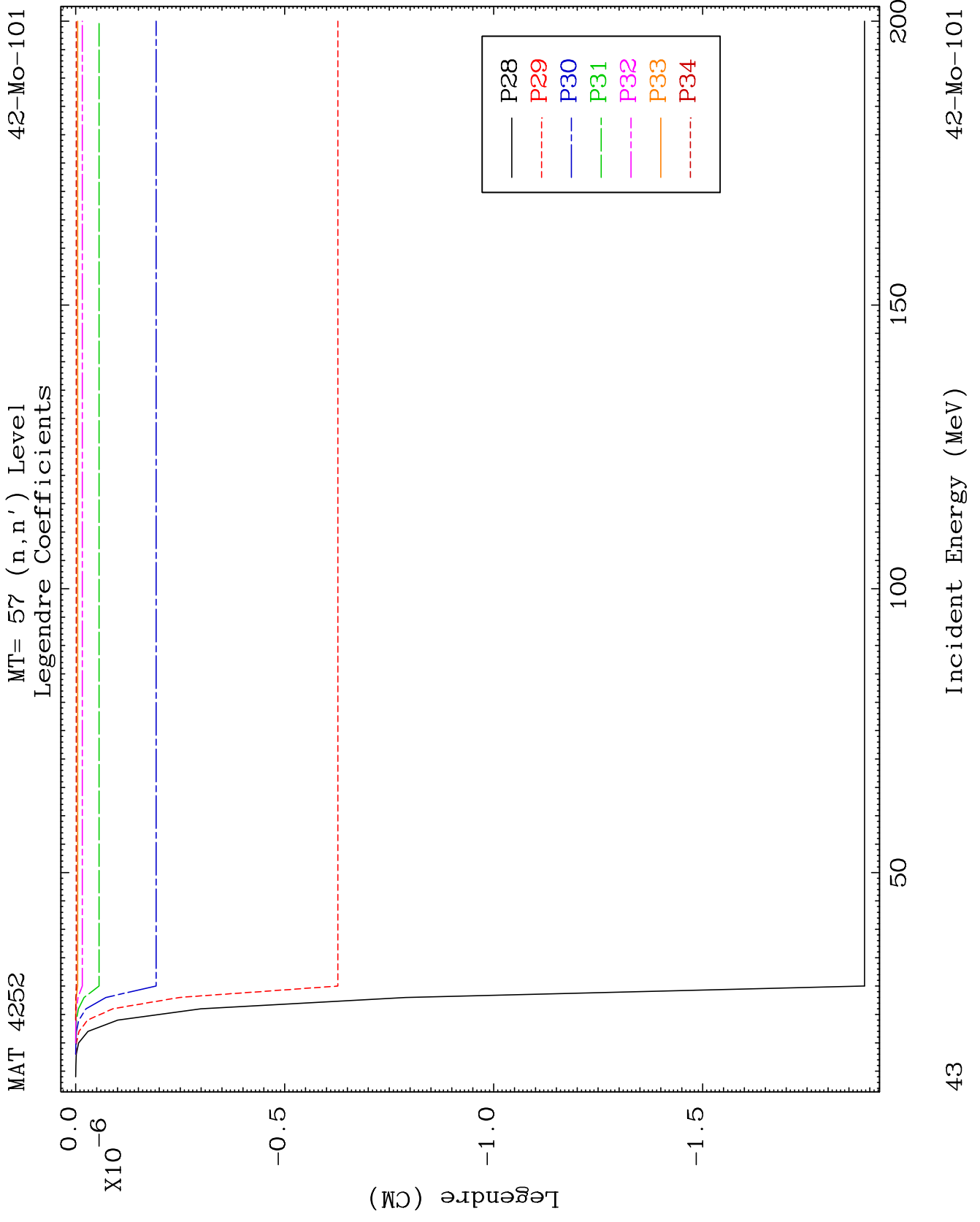


41

Incident Energy (MeV)

42-Mo-101

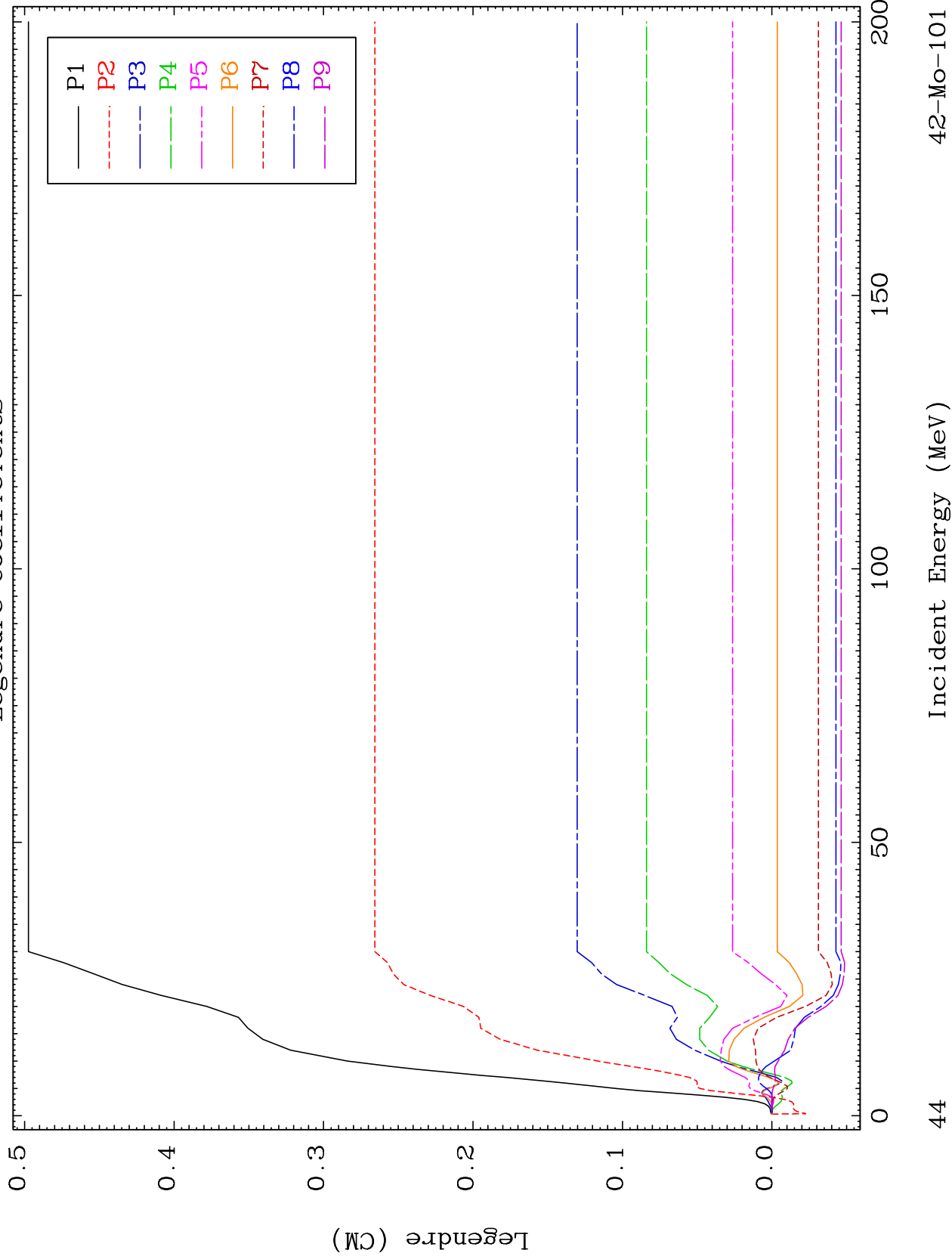




MAT 4252

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

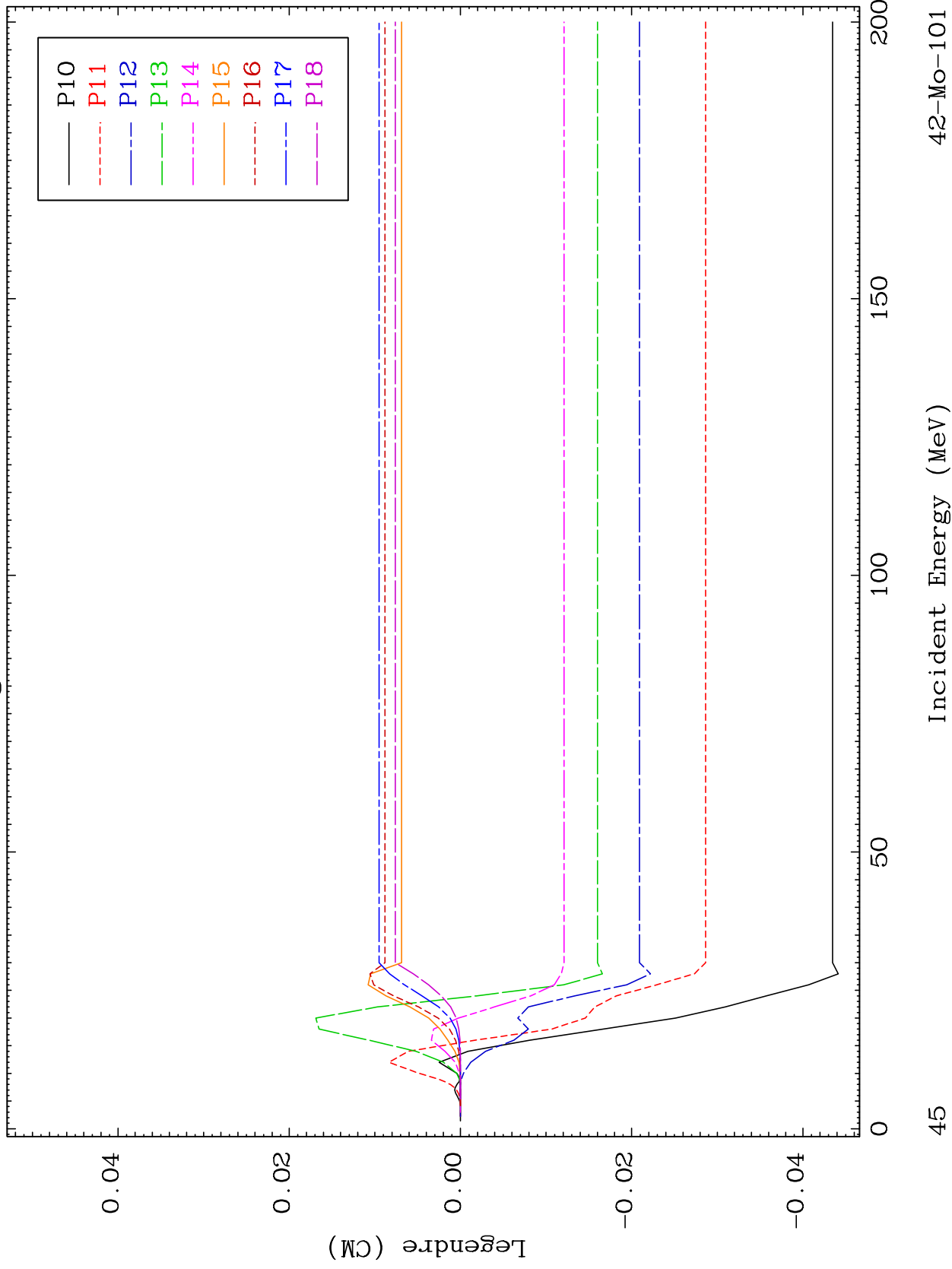
42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

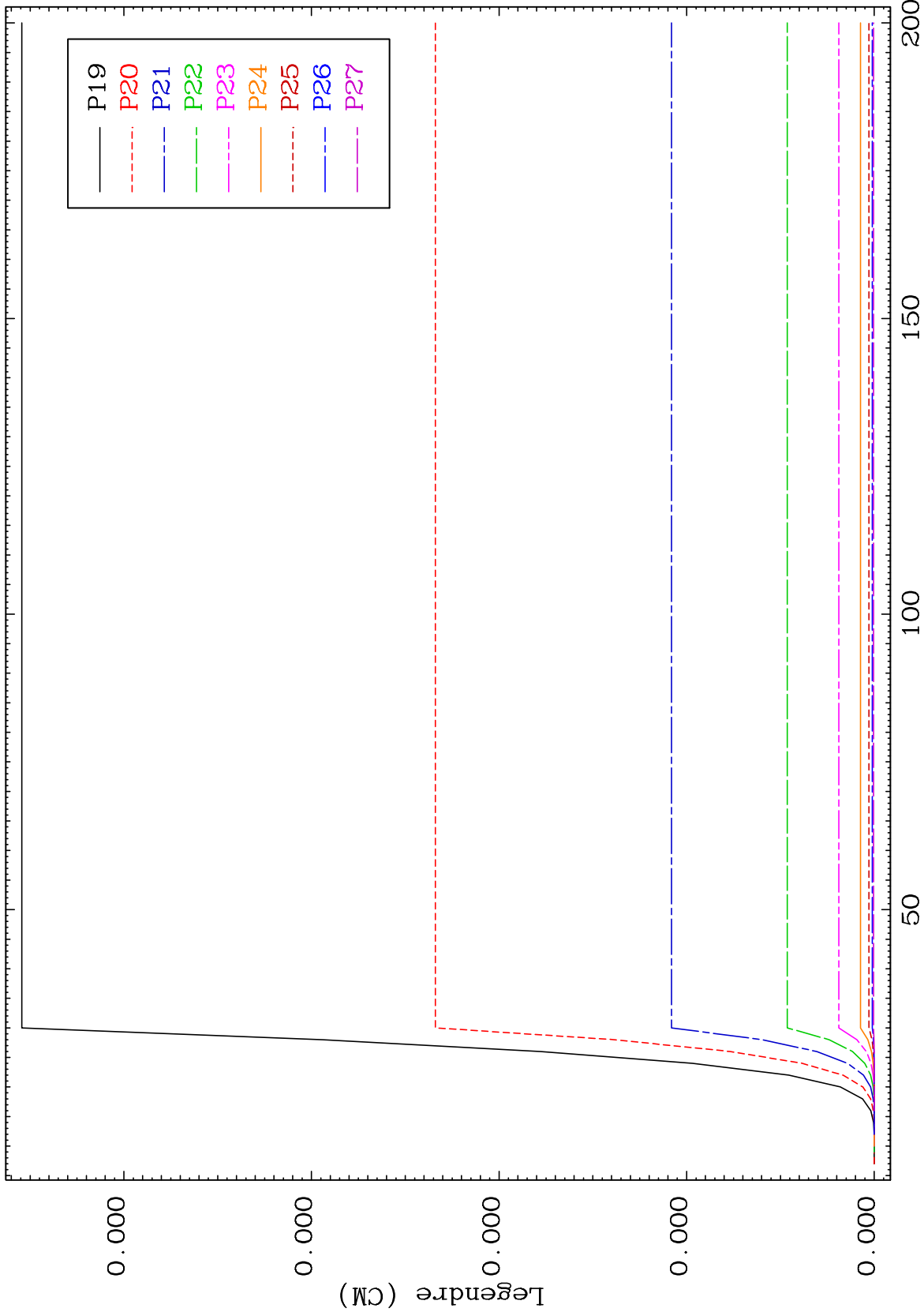
Incident Energy (MeV)

45

MAT 4252

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

42-Mo-101



46

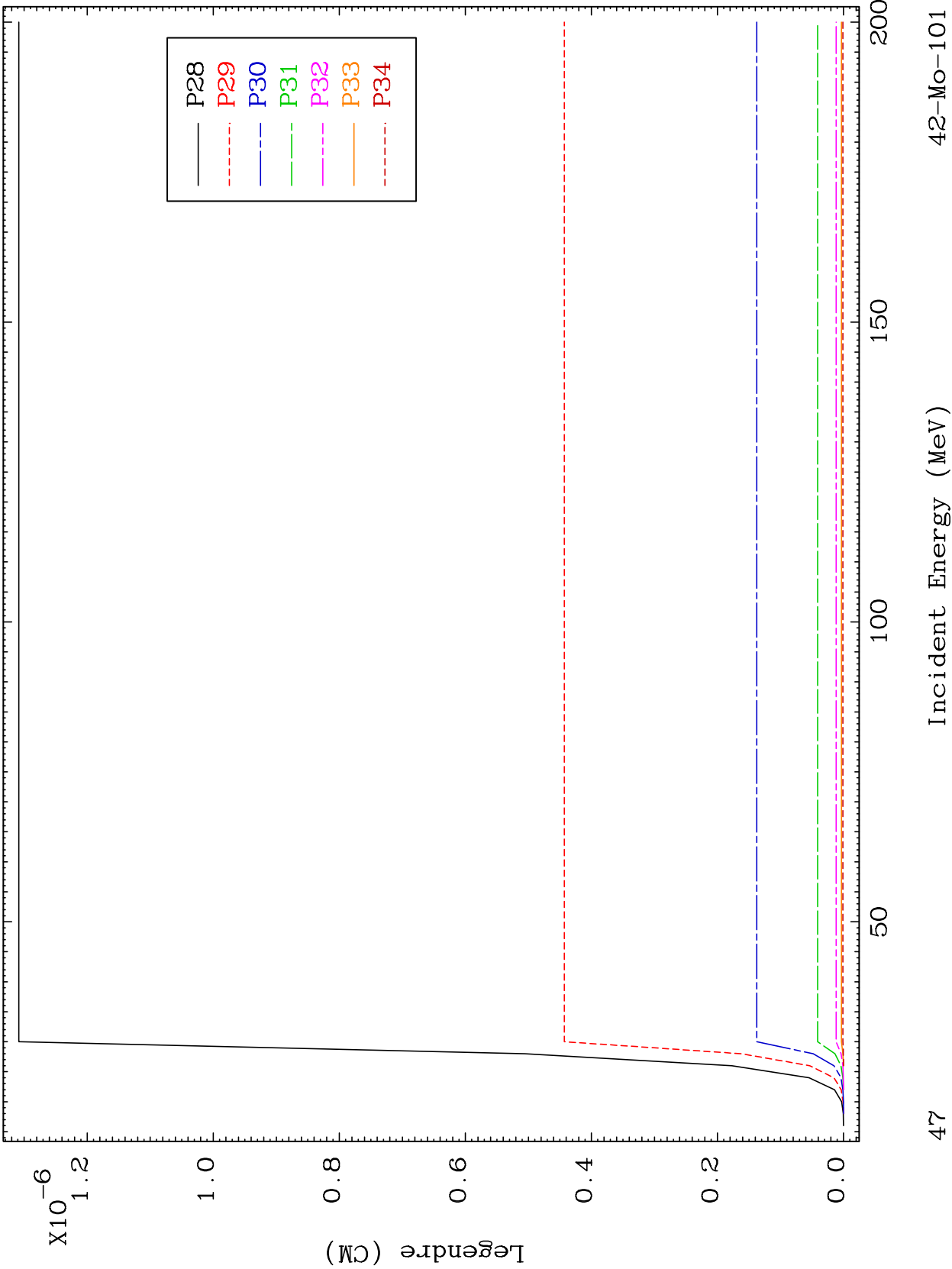
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

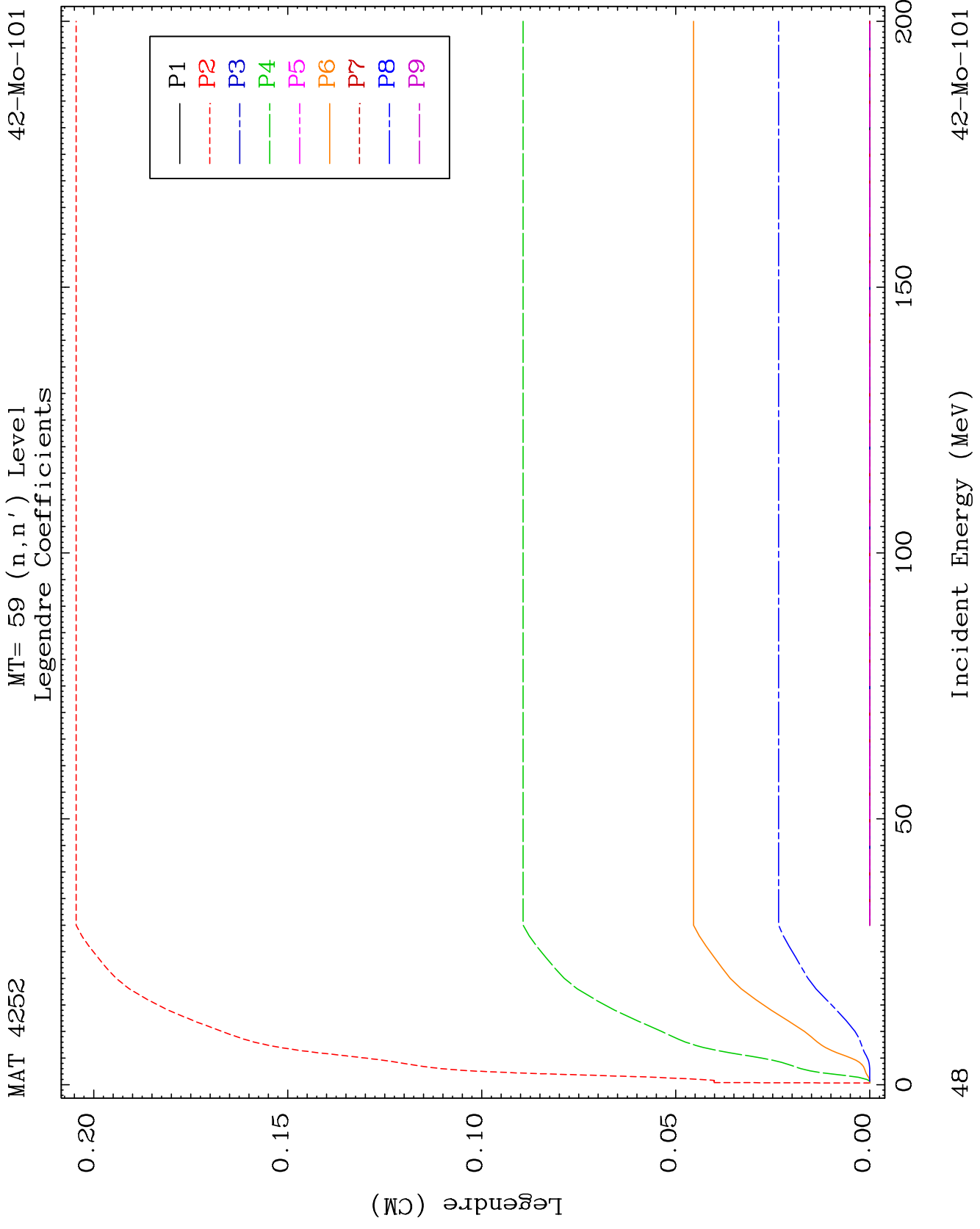
42-Mo-101



47

Incident Energy (MeV)

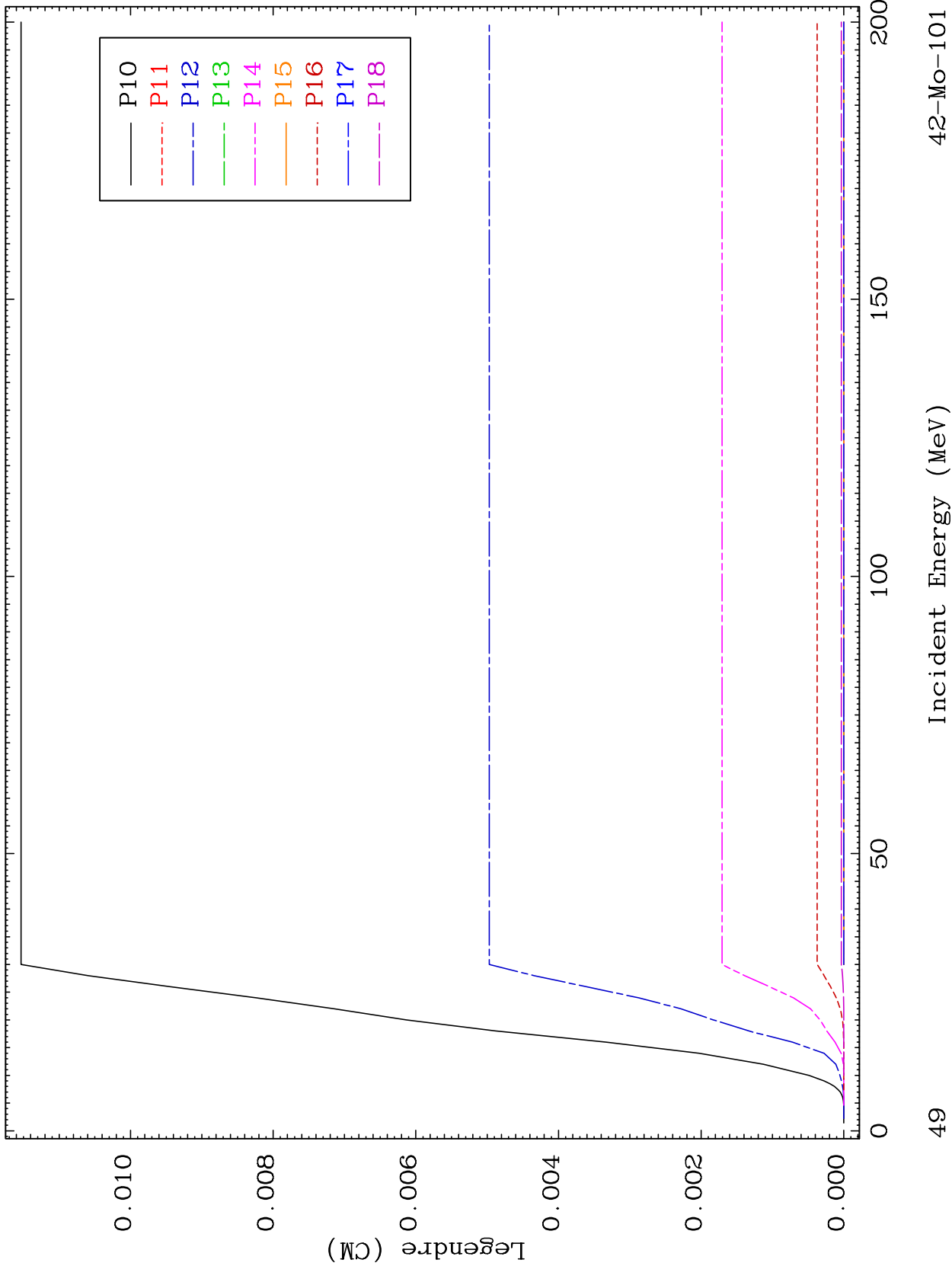
42-Mo-101



MAT 4252

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

42-Mo-101



49

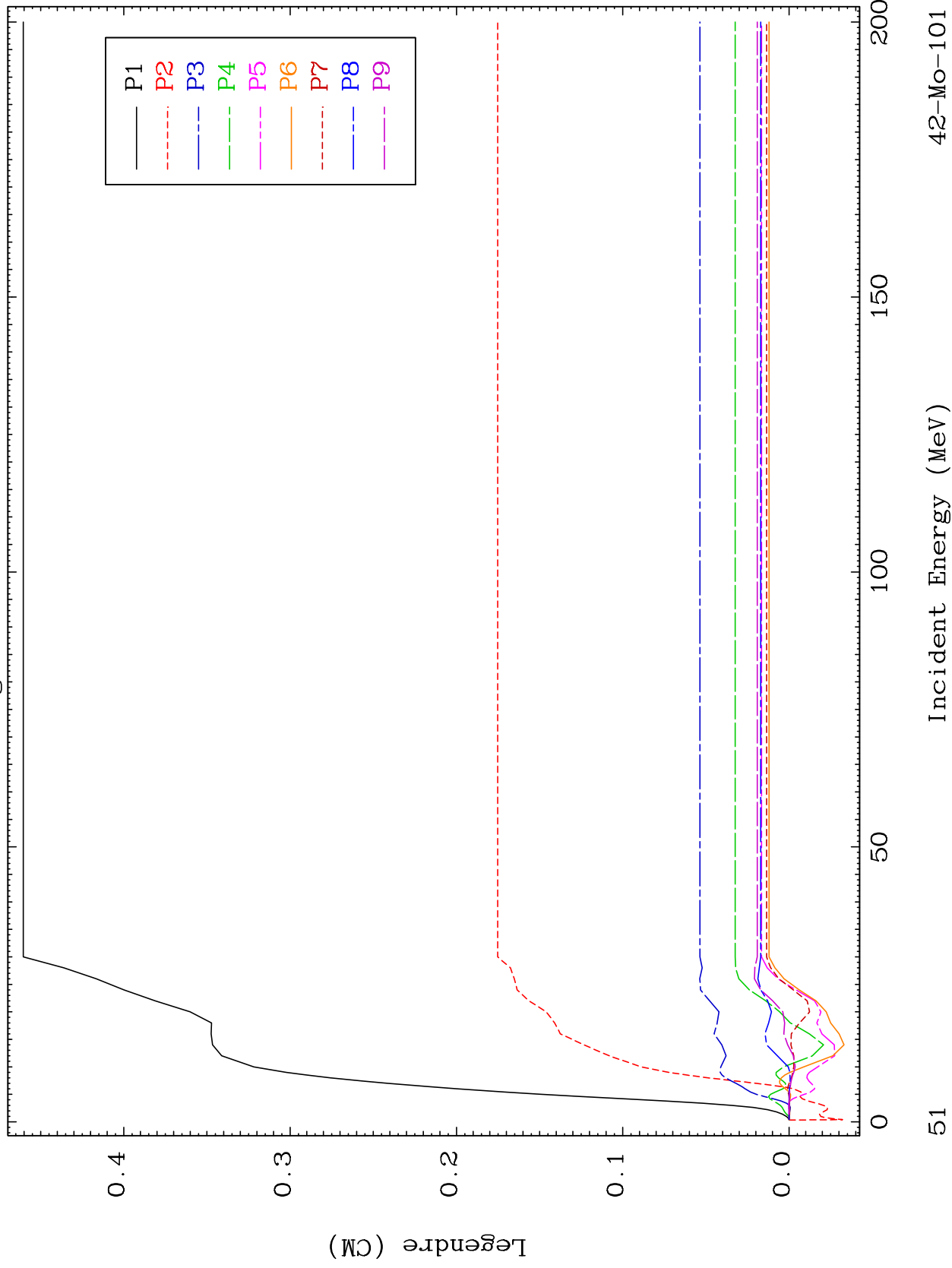
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



51

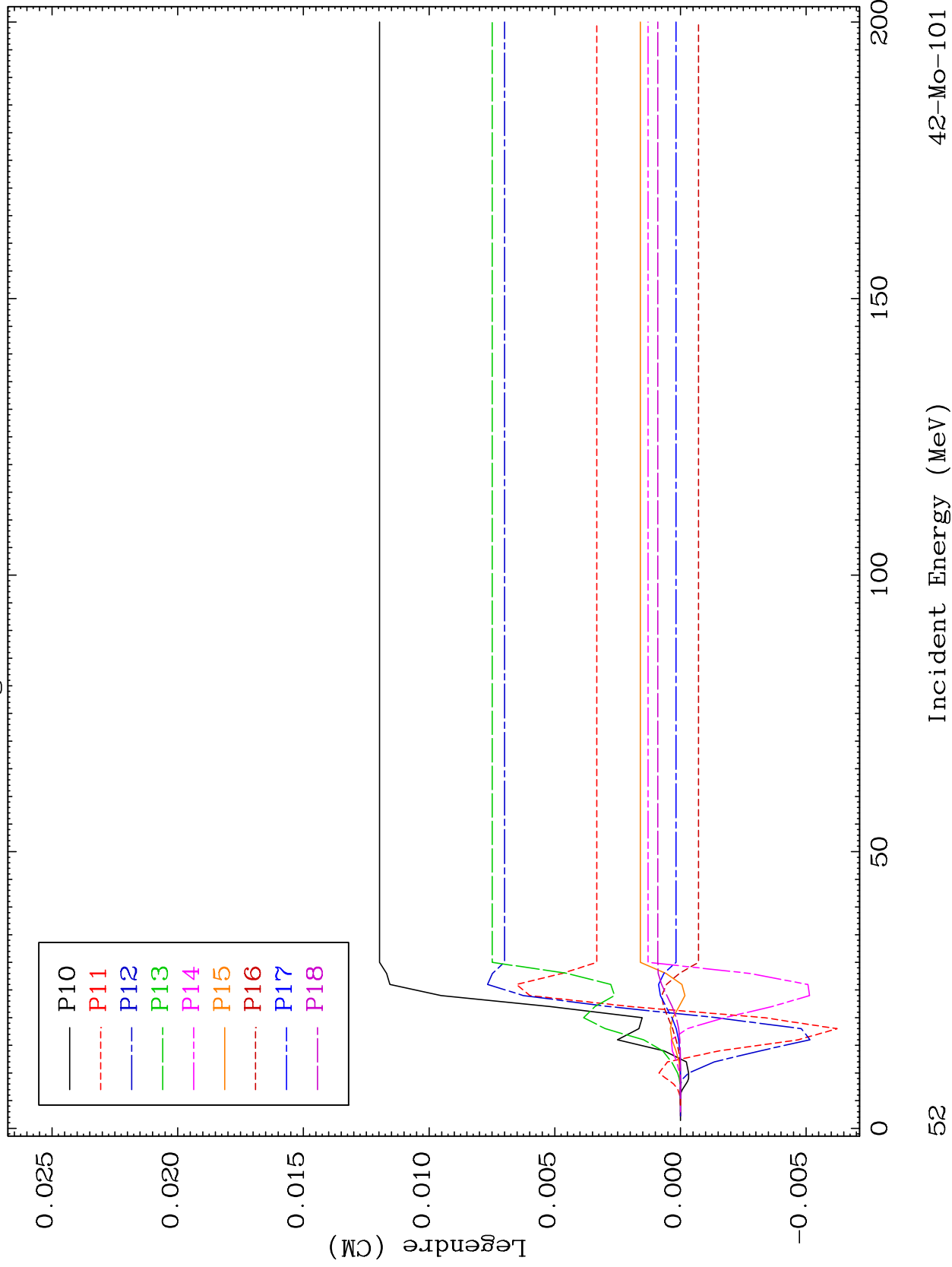
Incident Energy (MeV)

42-Mo-101

MAT 4252

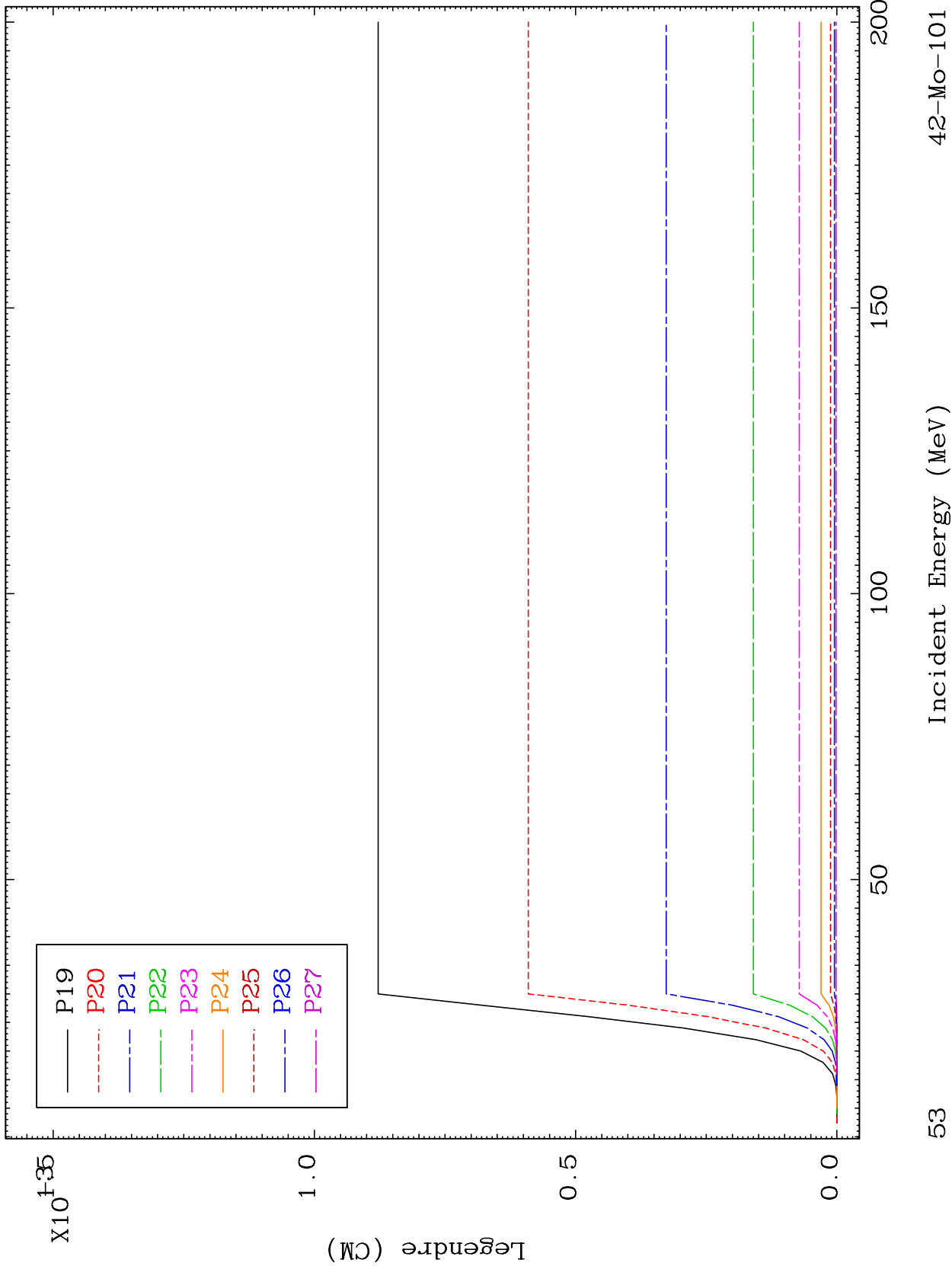
MT= 60 (n,n') Level
Legendre Coefficients

42-Mo-101



52

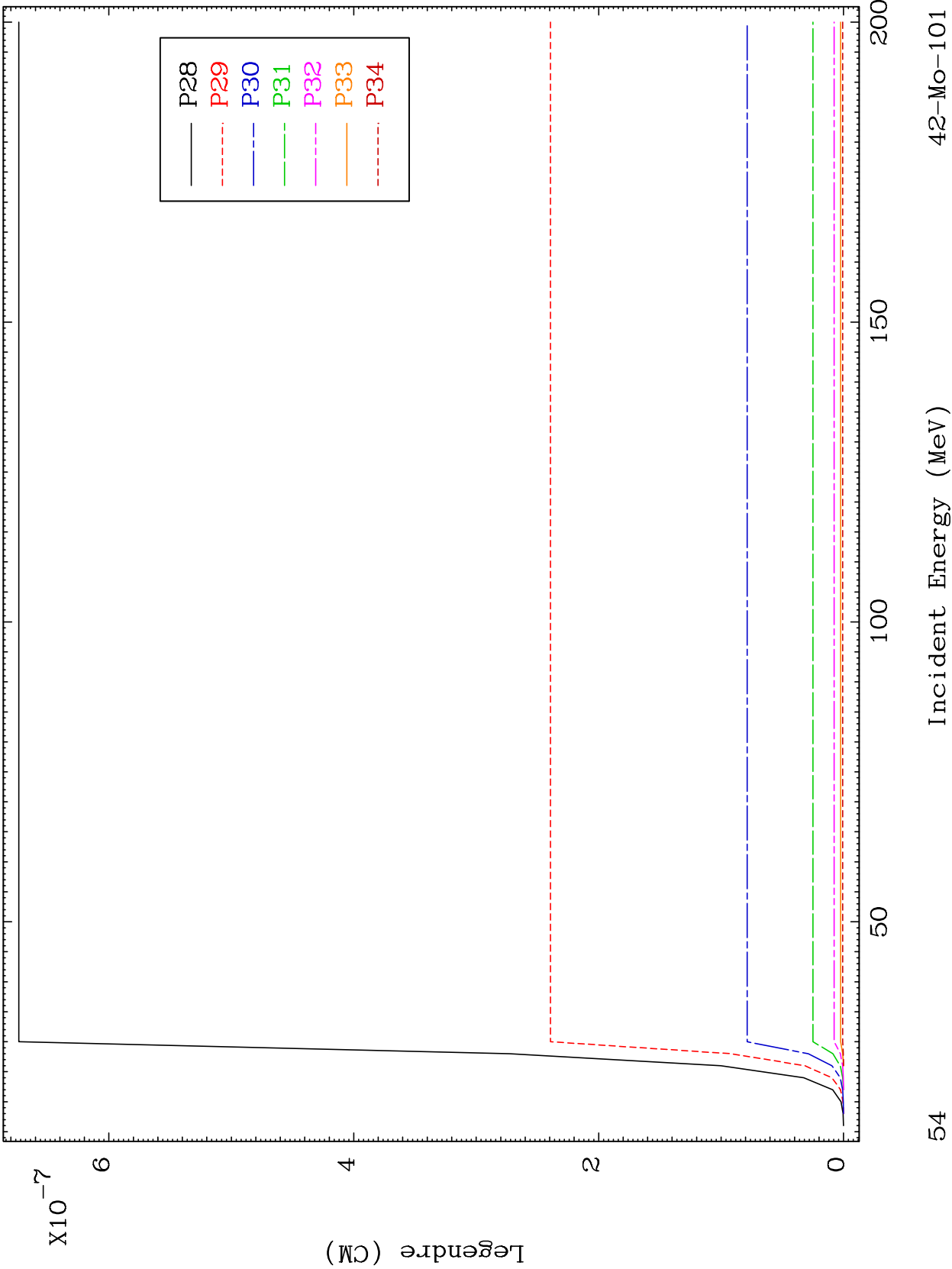
42-Mo-101



MAT 4252

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

42-Mo-101



54

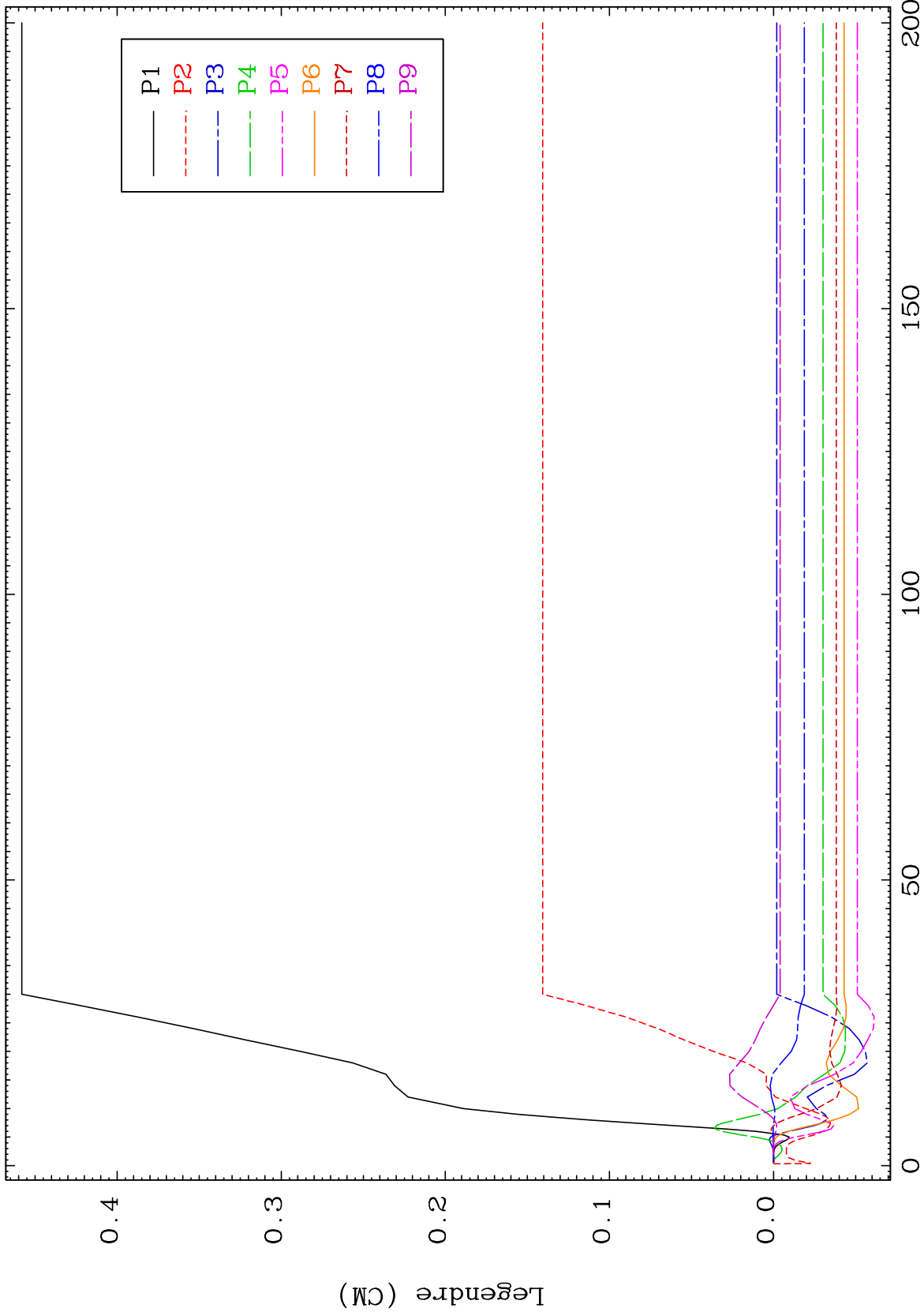
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

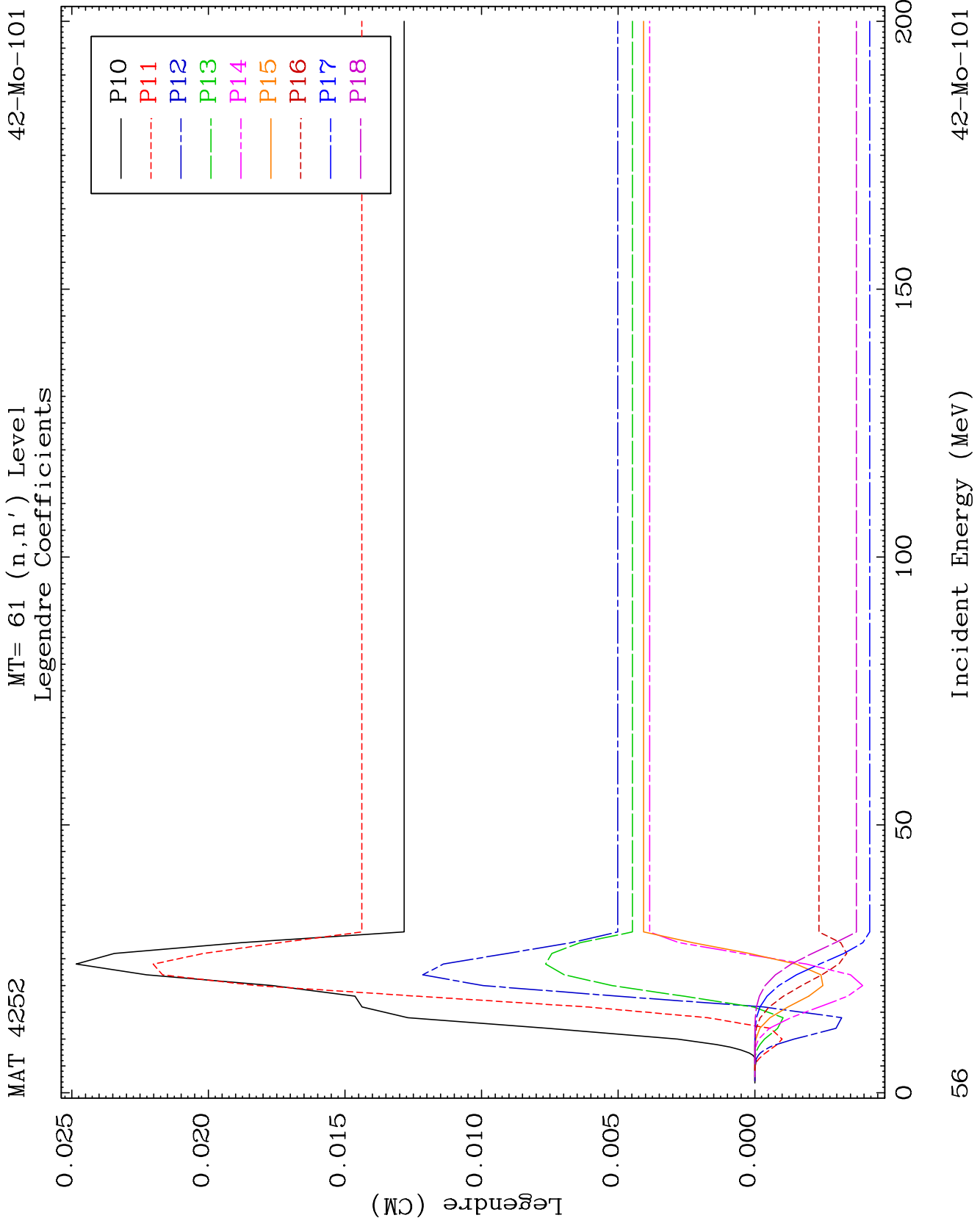
42-Mo-101

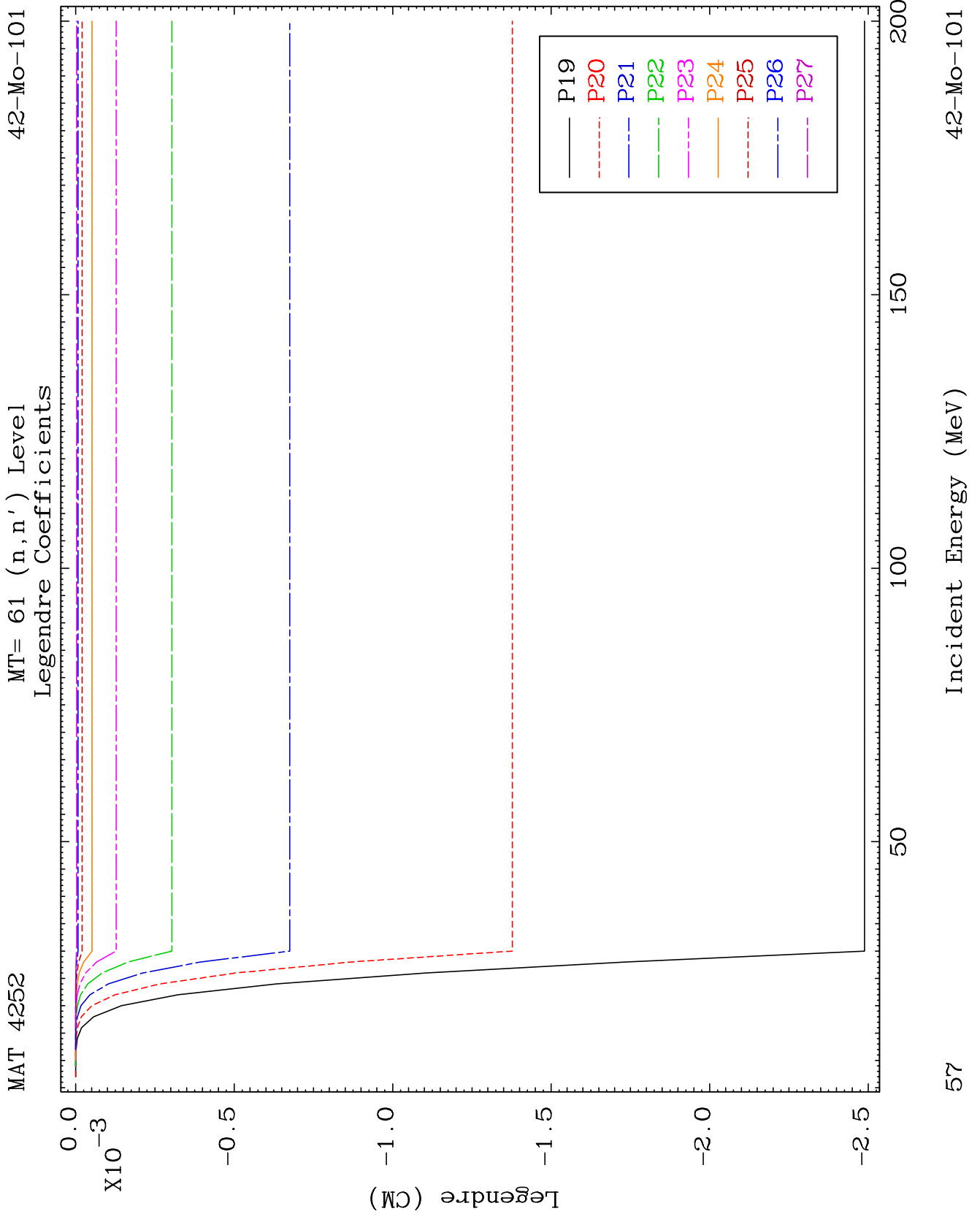


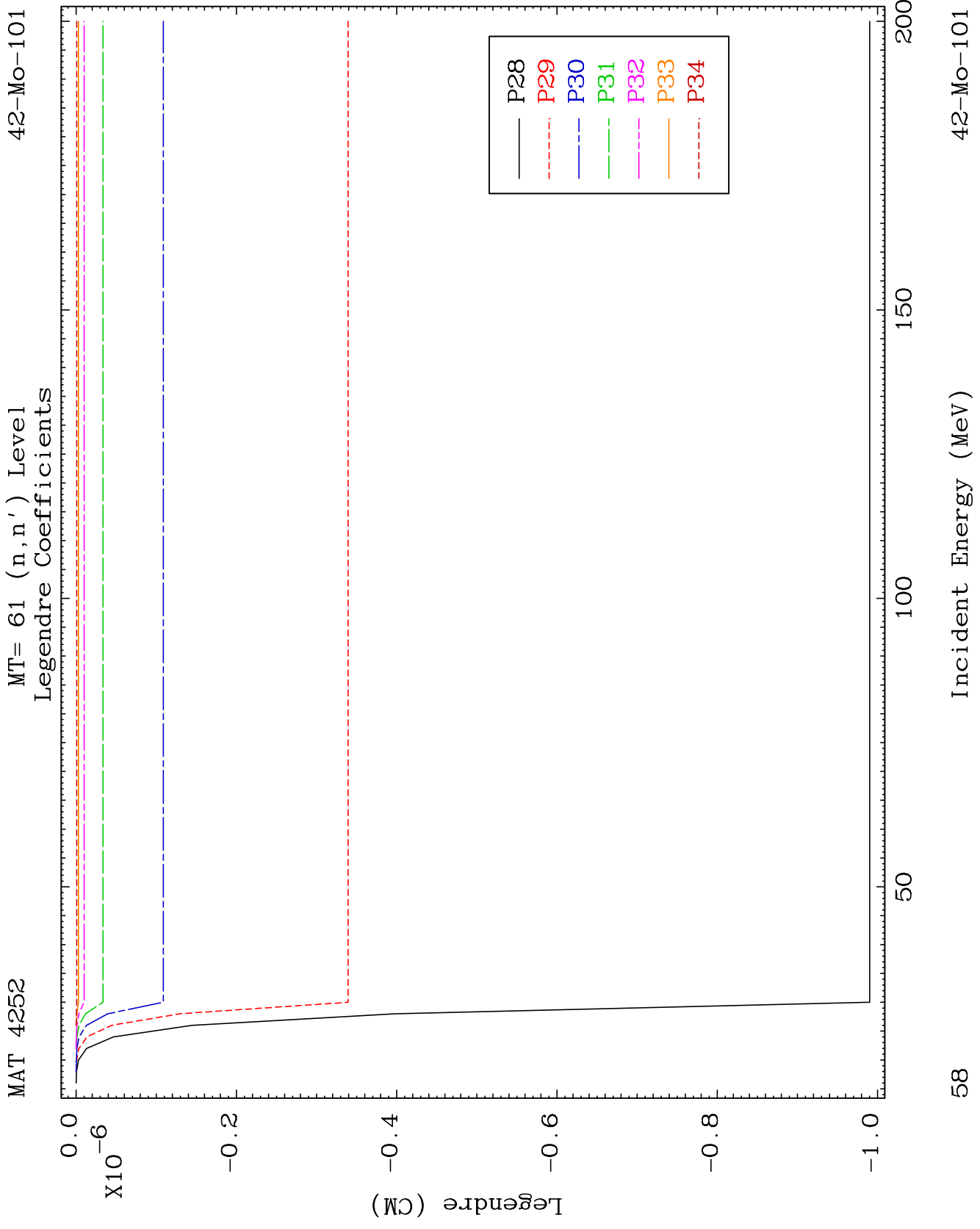
42-Mo-101

Incident Energy (MeV)

55



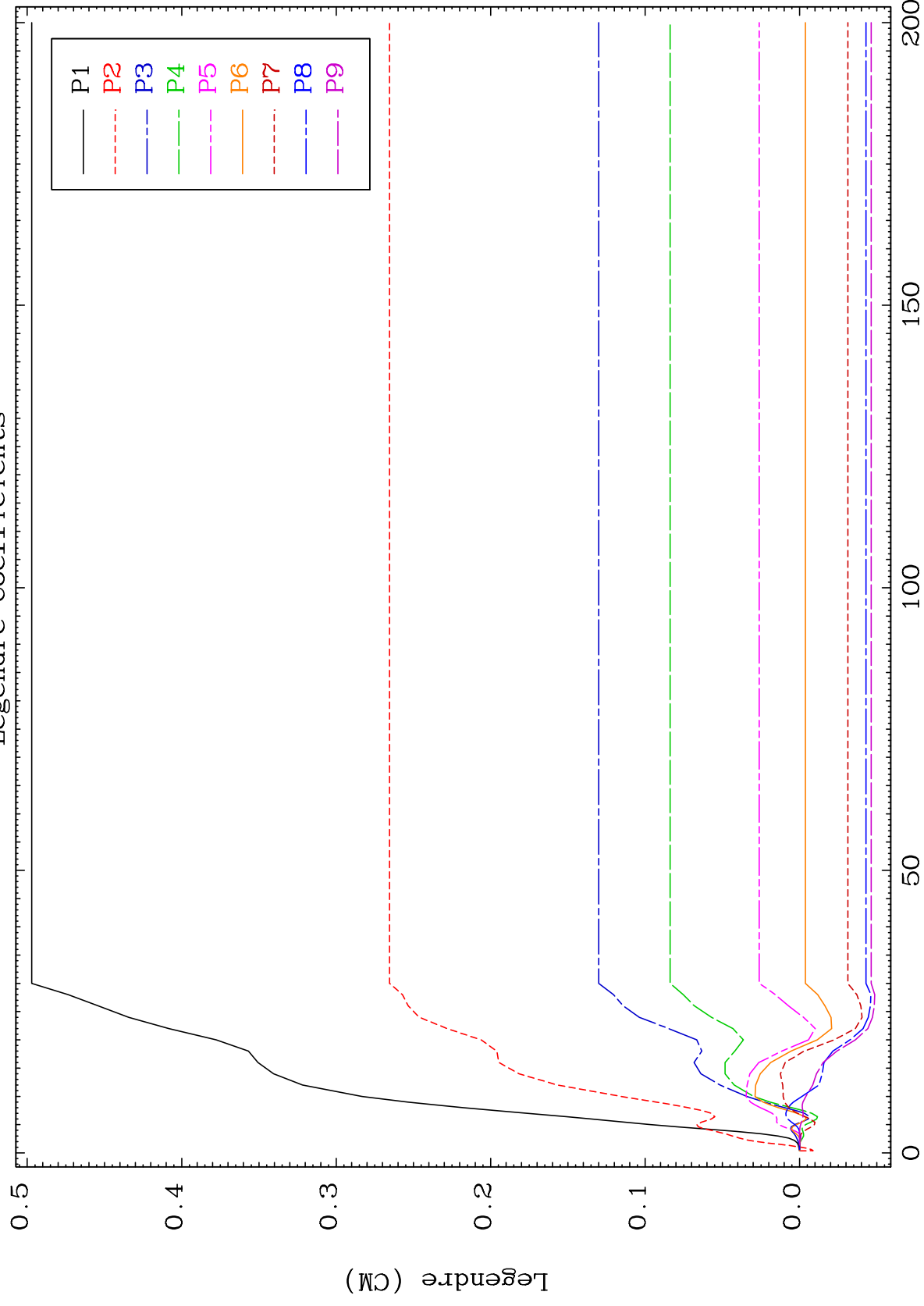




MAT 4252

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

42-Mo-101



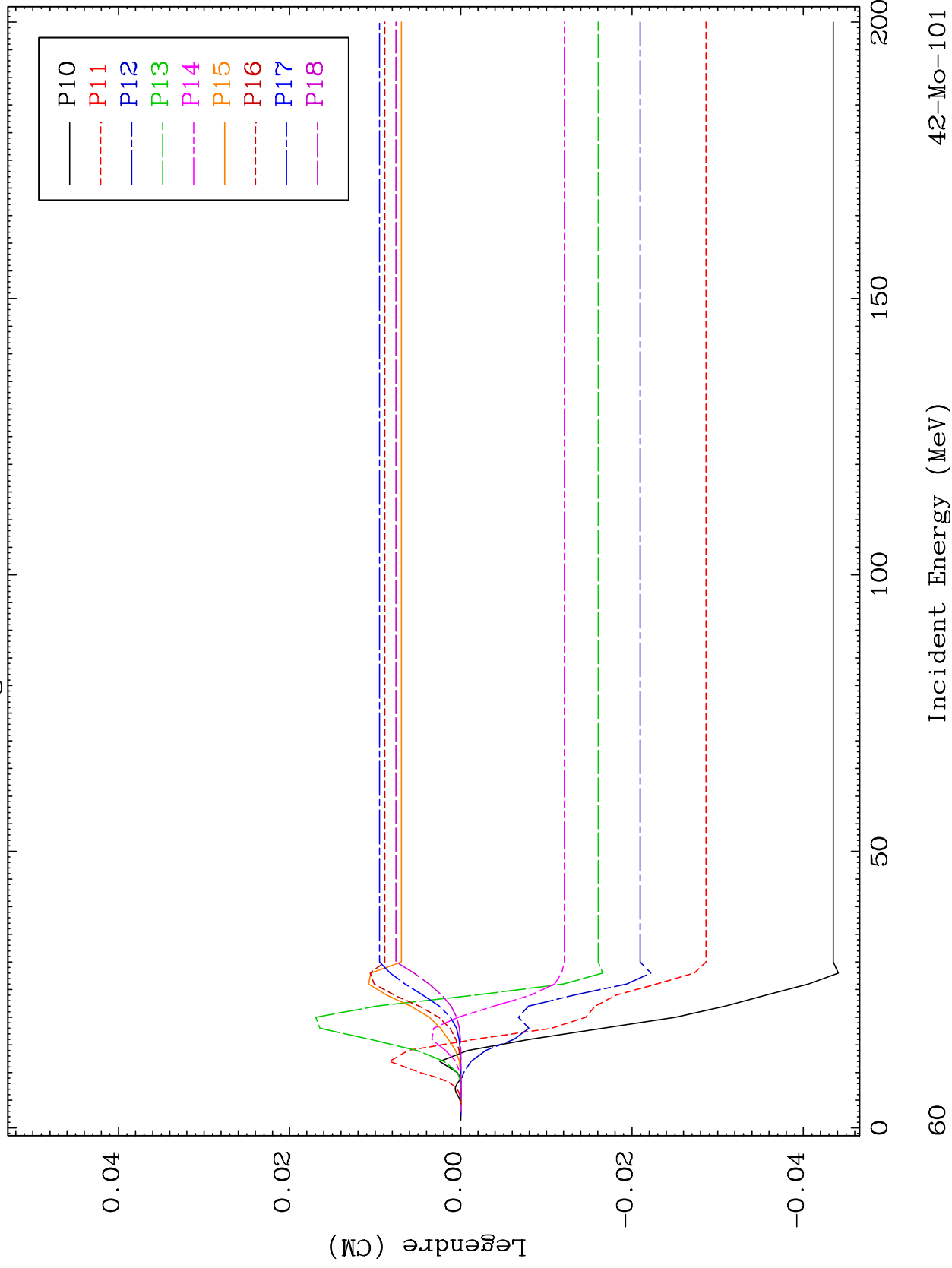
59

42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

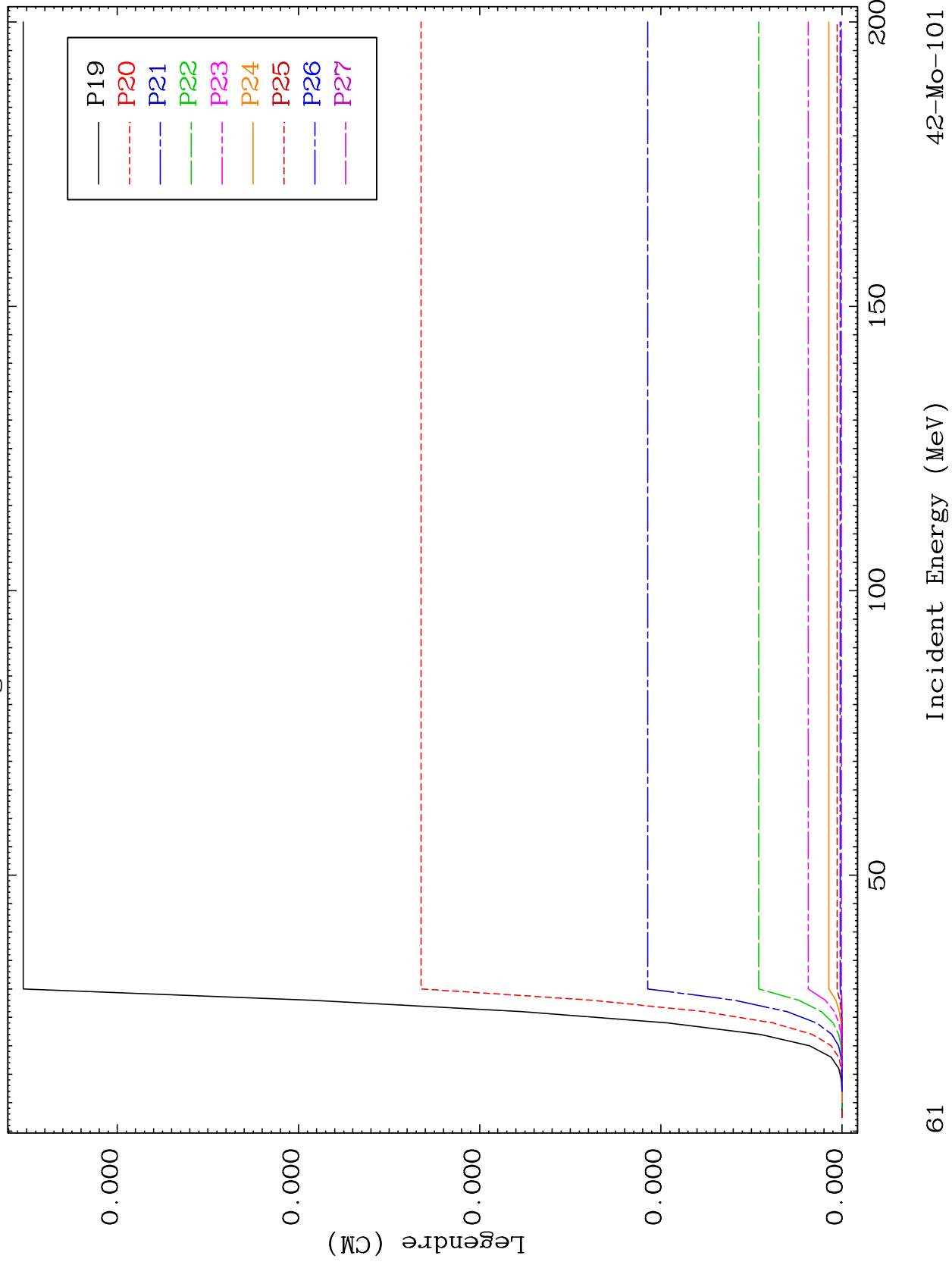
Incident Energy (MeV)

60

MAT 4252

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

42-Mo-101



61

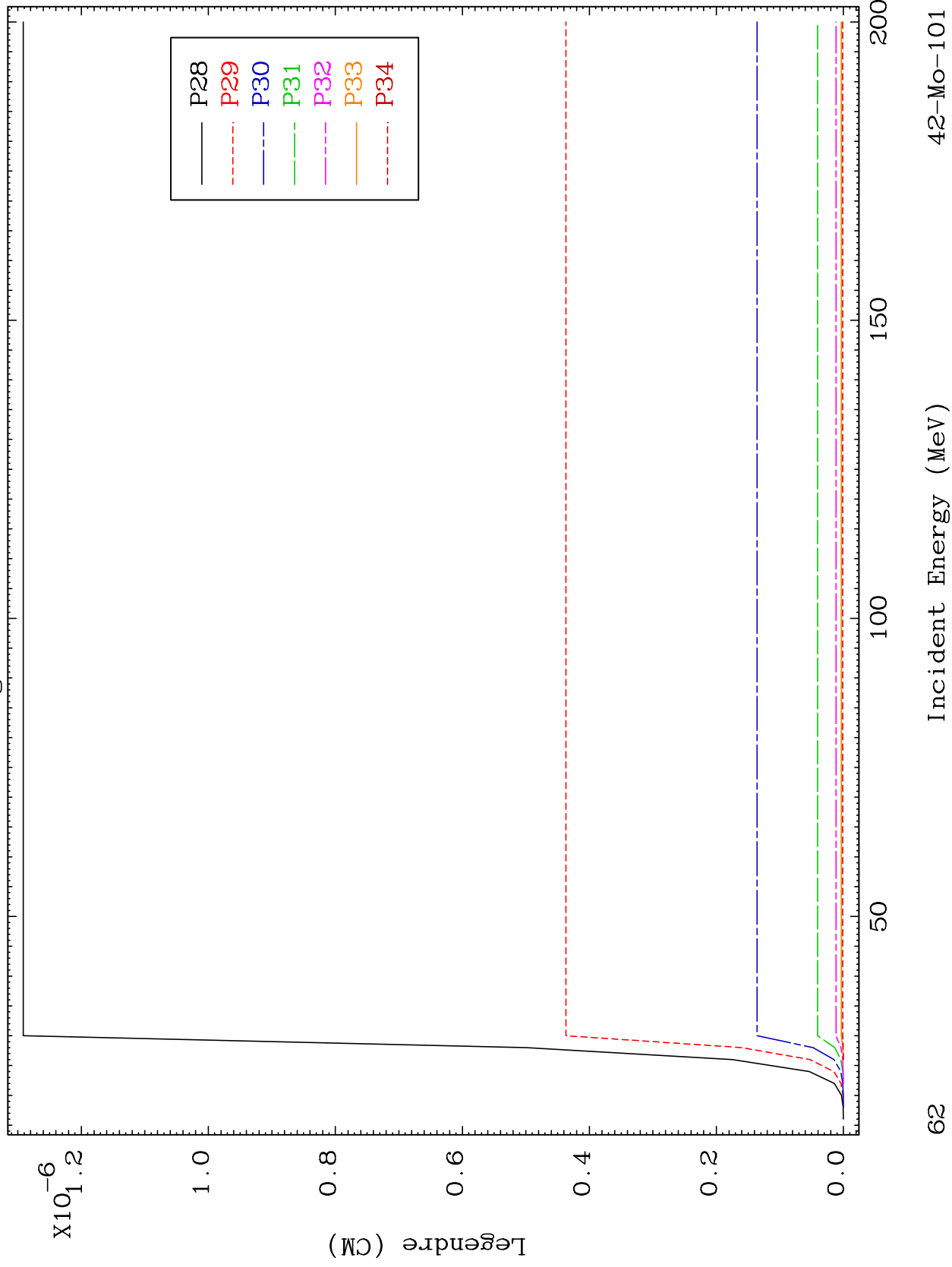
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

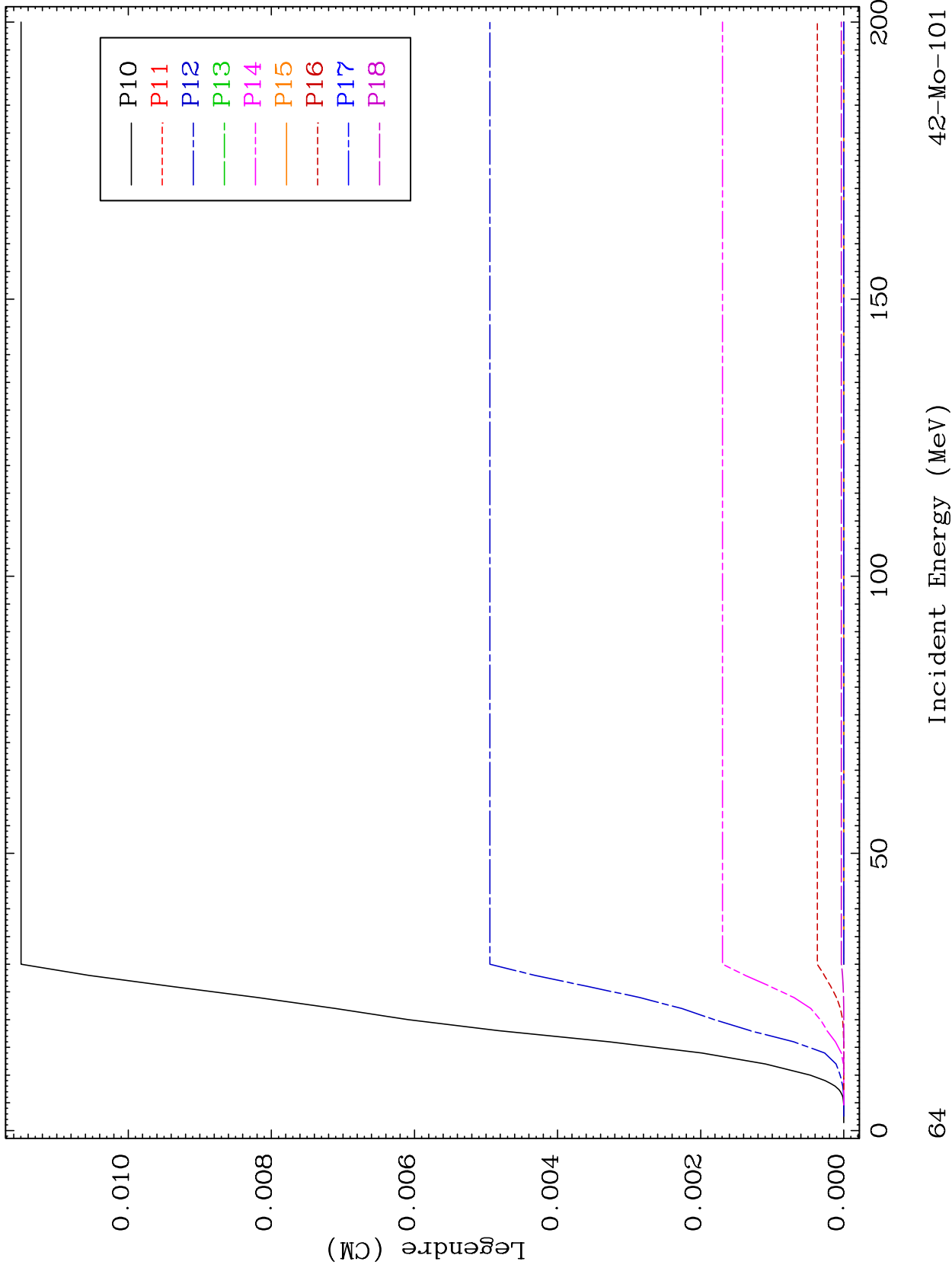
42-Mo-101



MAT 4252

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

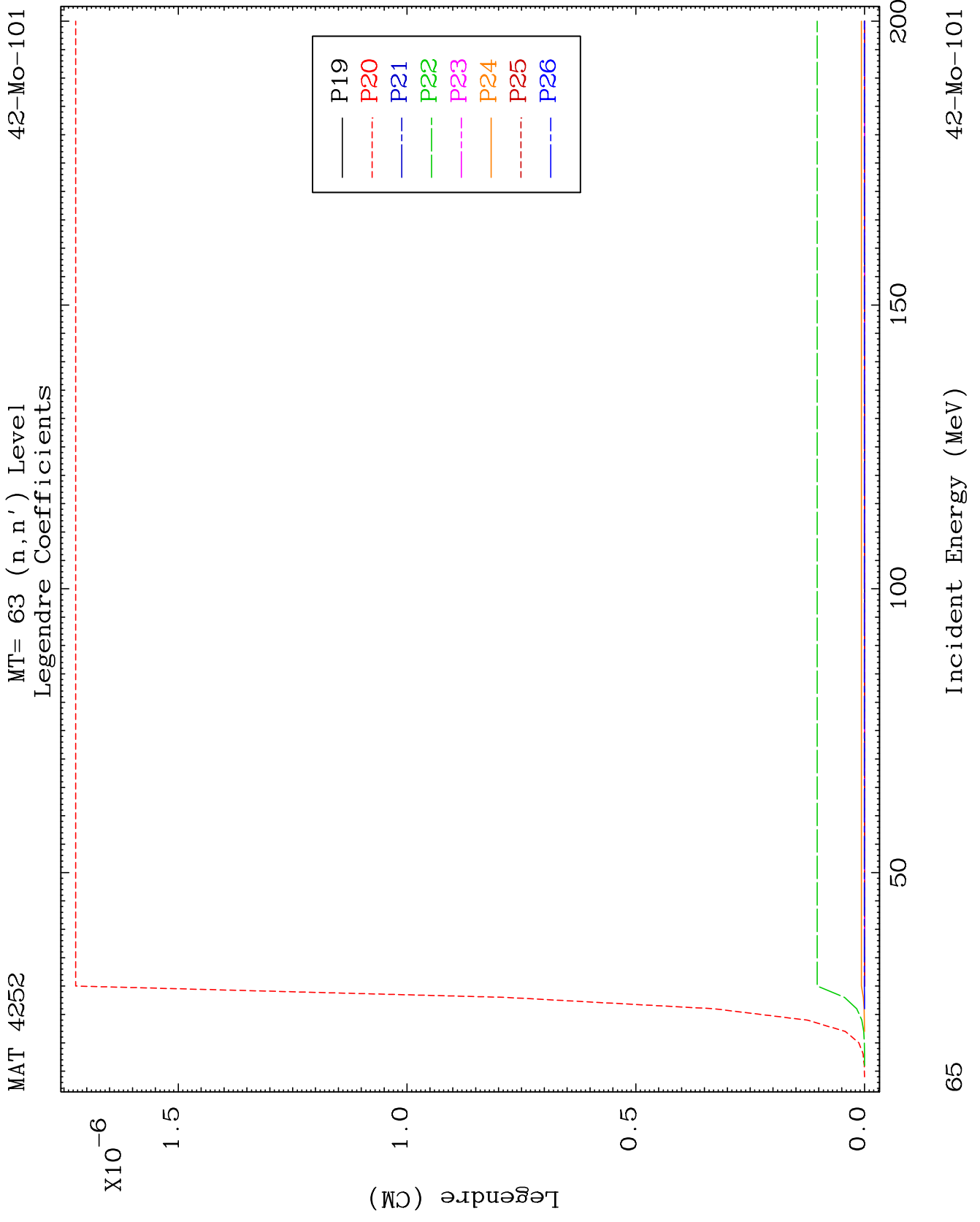
42-Mo-101



64

Incident Energy (MeV)

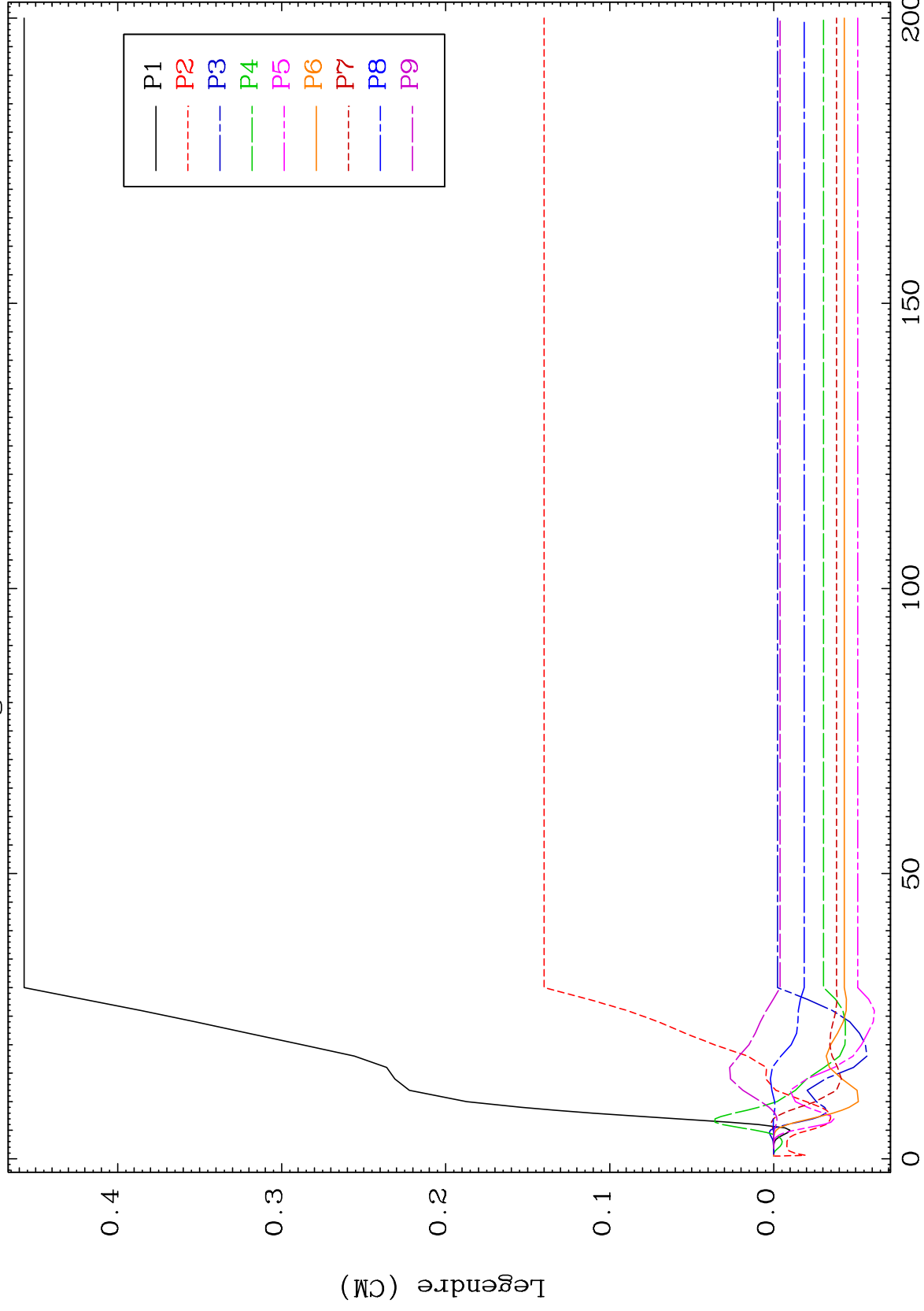
42-Mo-101



MAT 4252

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

42-Mo-101



66

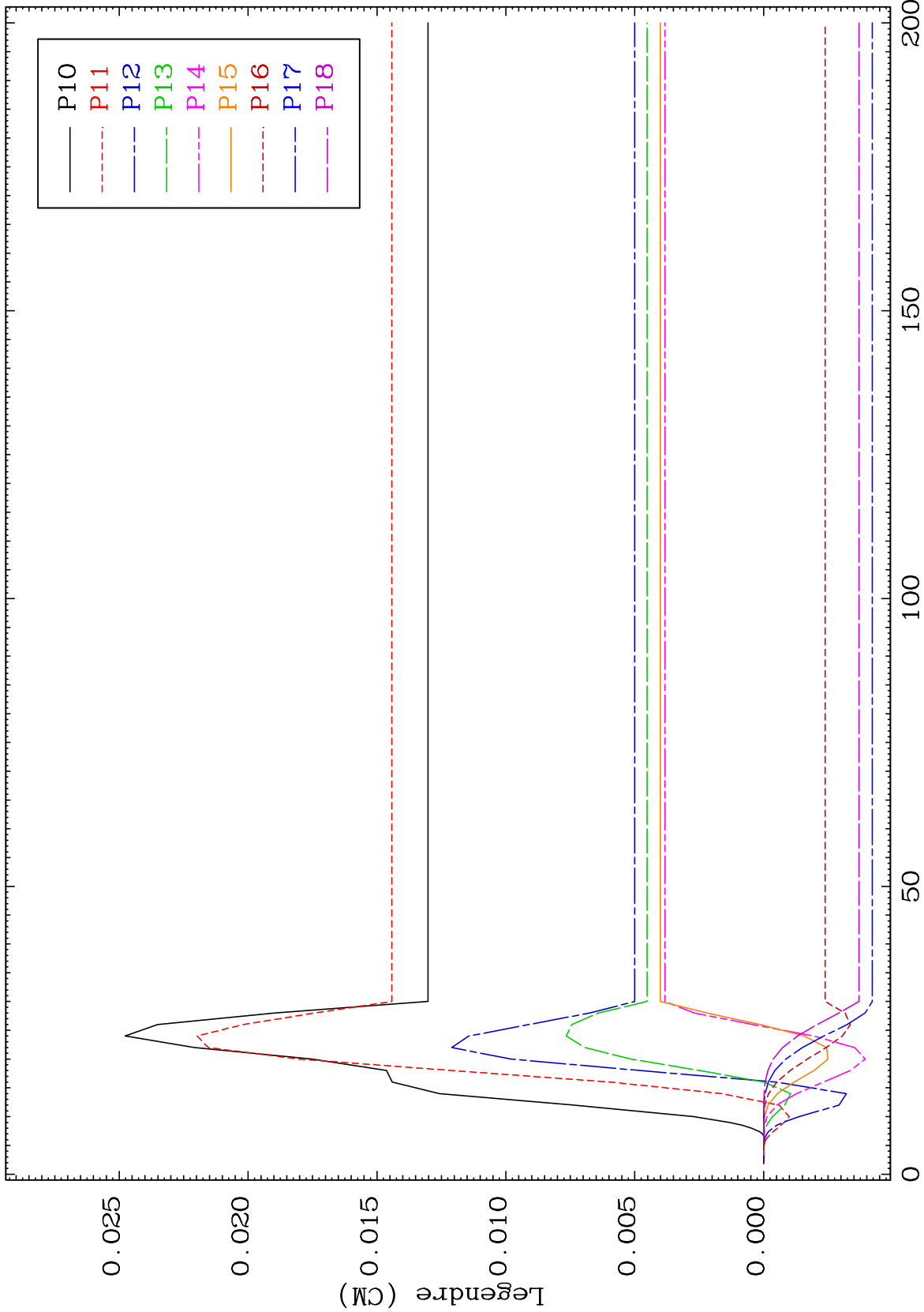
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



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Incident Energy (MeV)

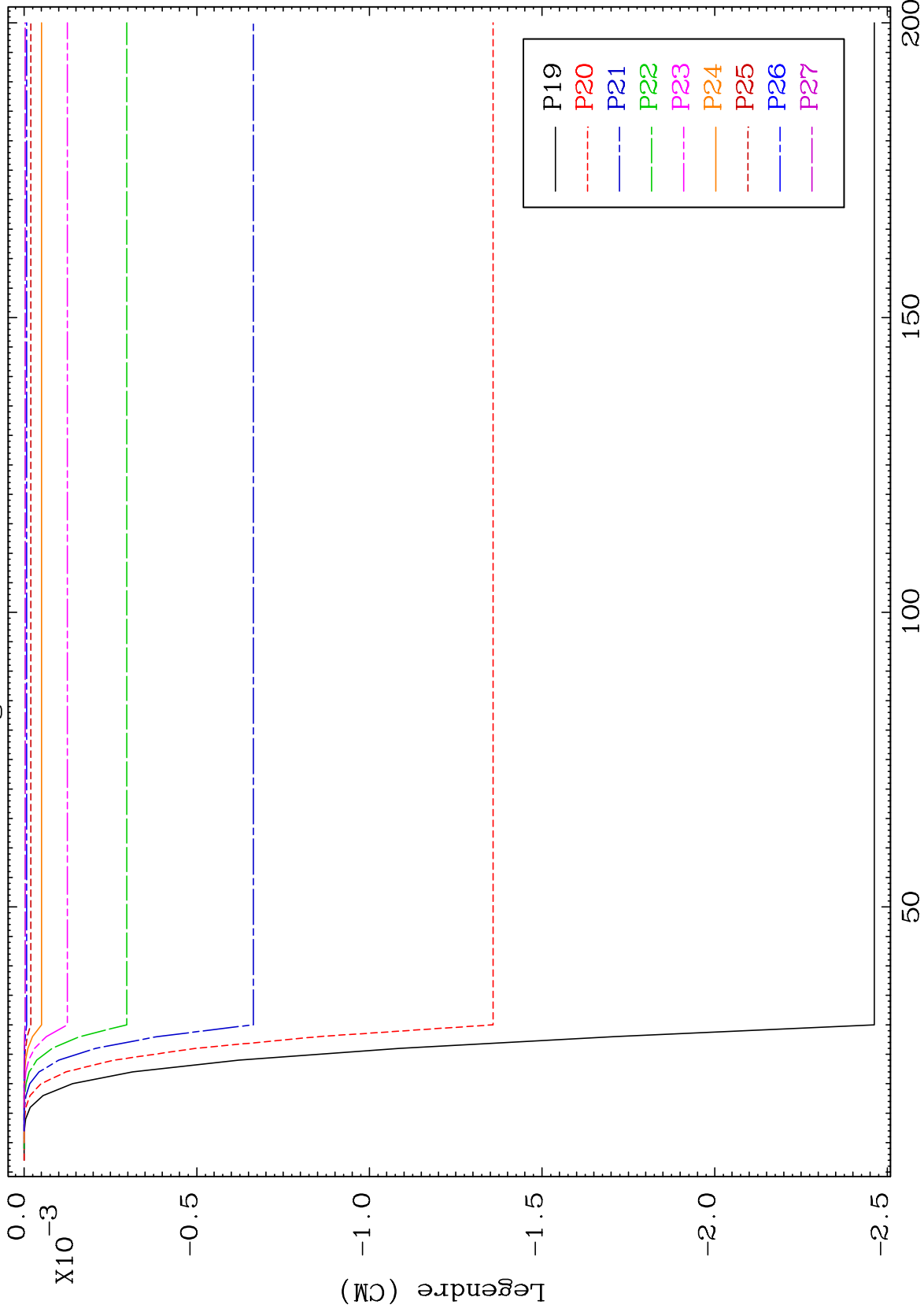
42-Mo-101

MAT 4252

MT= 64 (n,n') Level

42-Mo-101

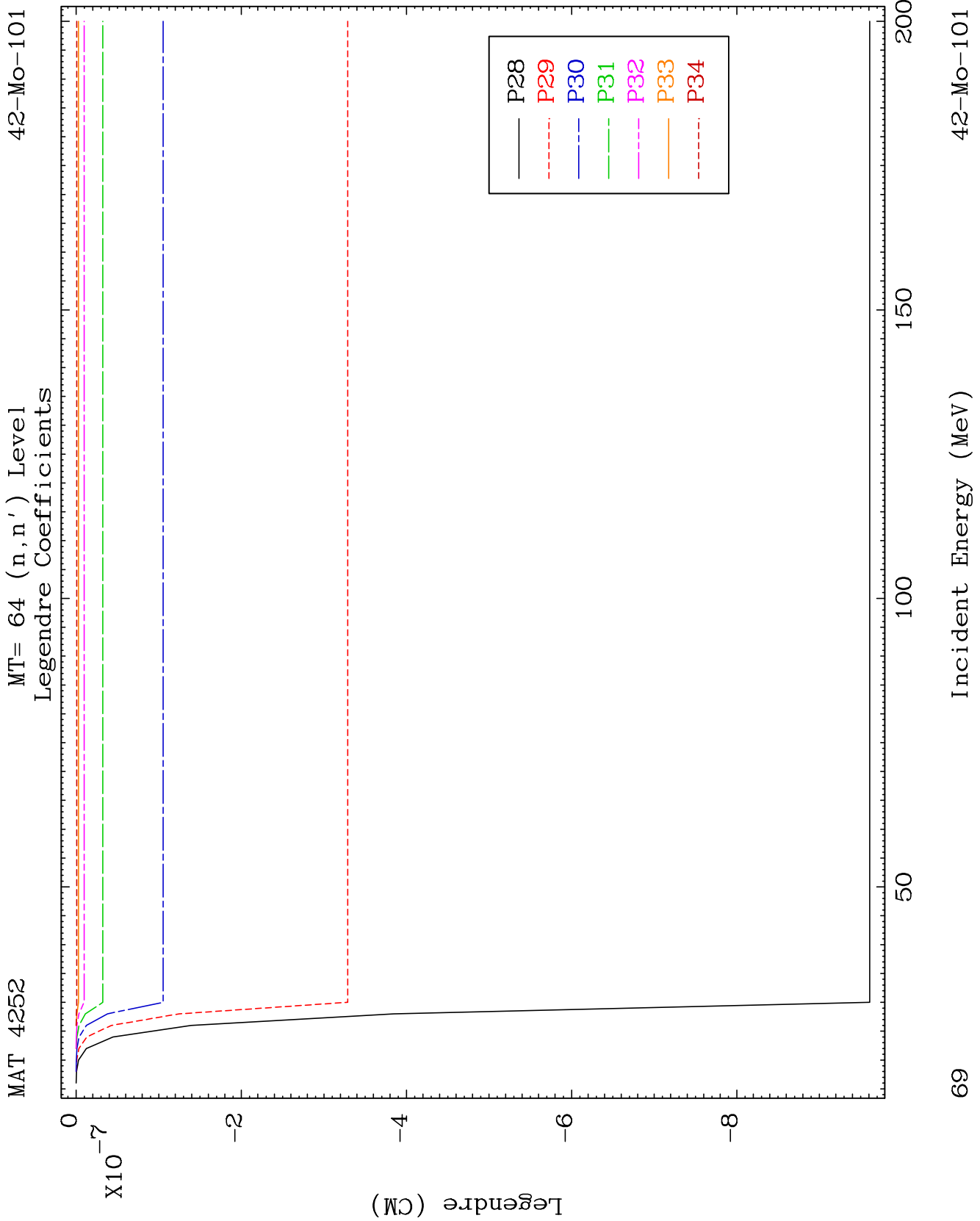
Legendre Coefficients



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Incident Energy (MeV)

42-Mo-101

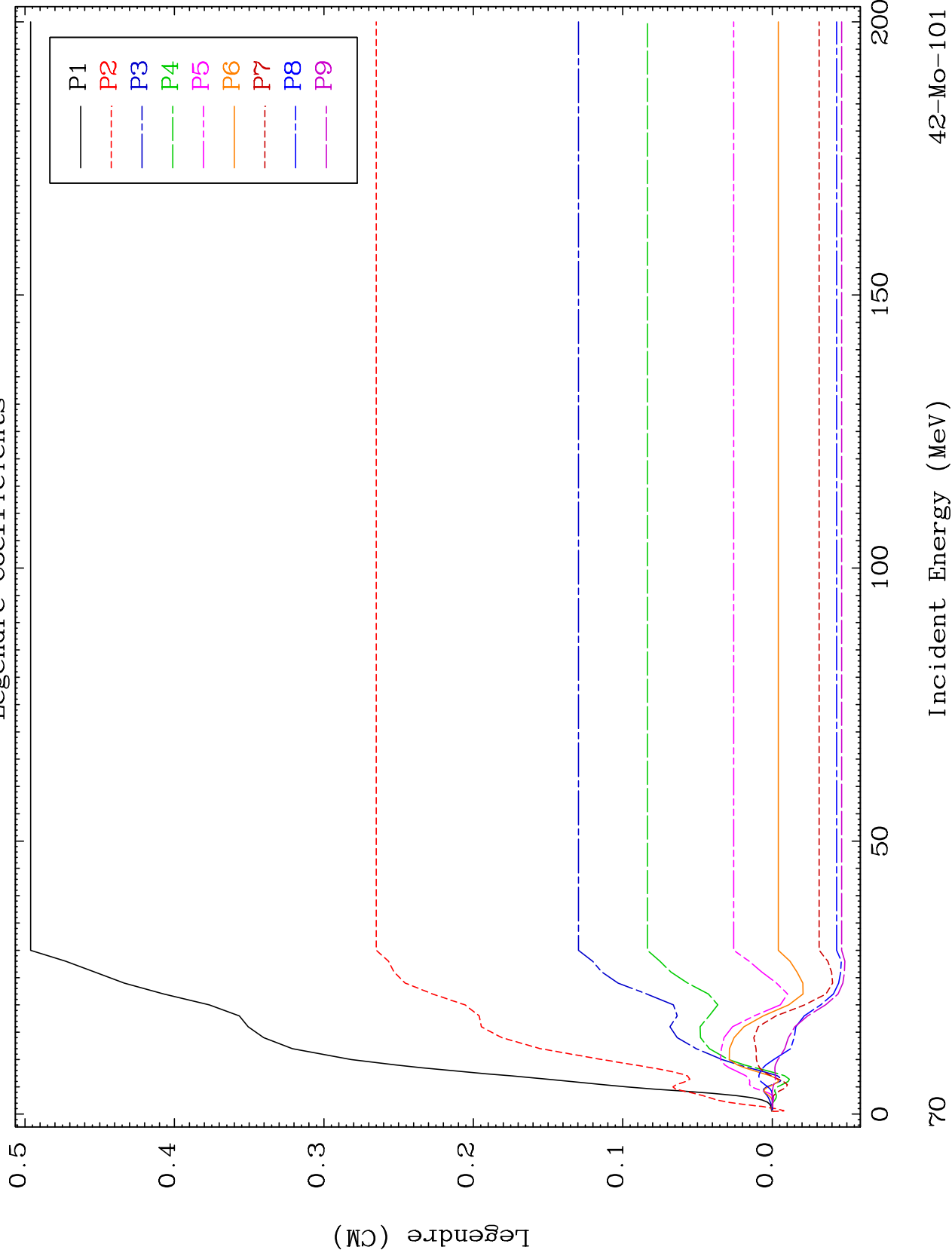


MAT 4252

MT= 65 (n,n') Level

42-Mo-101

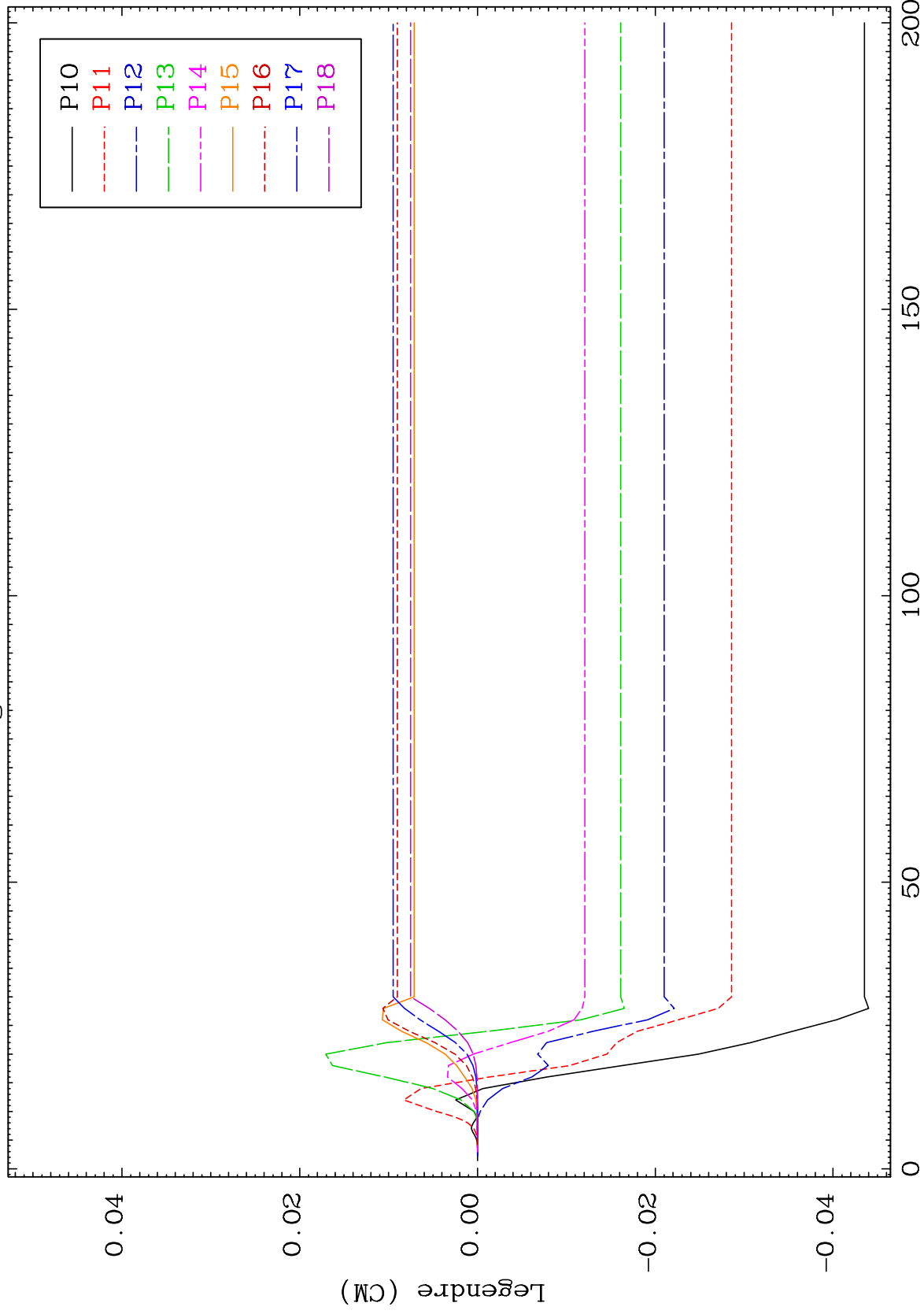
Legendre Coefficients



MAT 4252

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

42-Mo-101



71

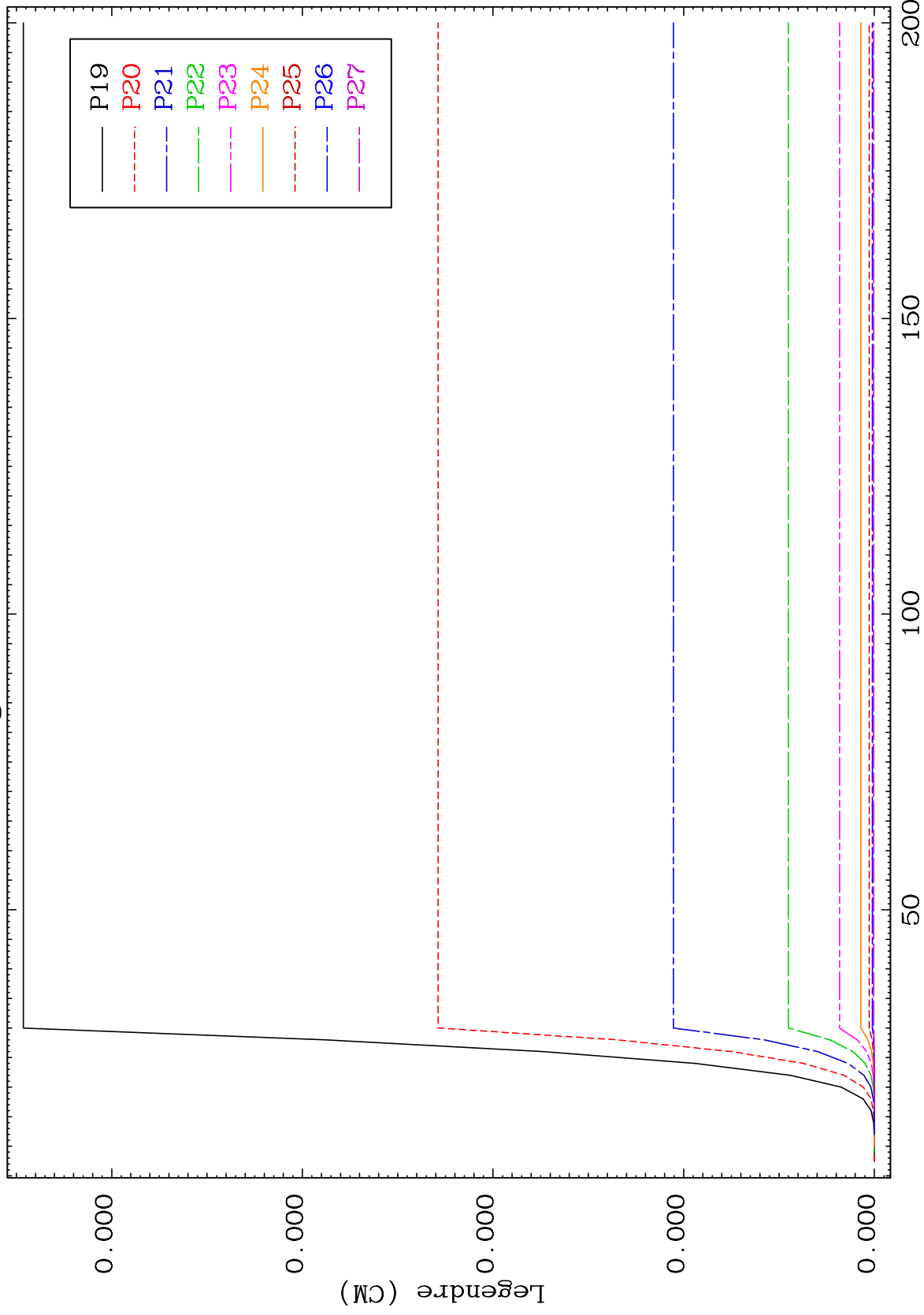
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



72

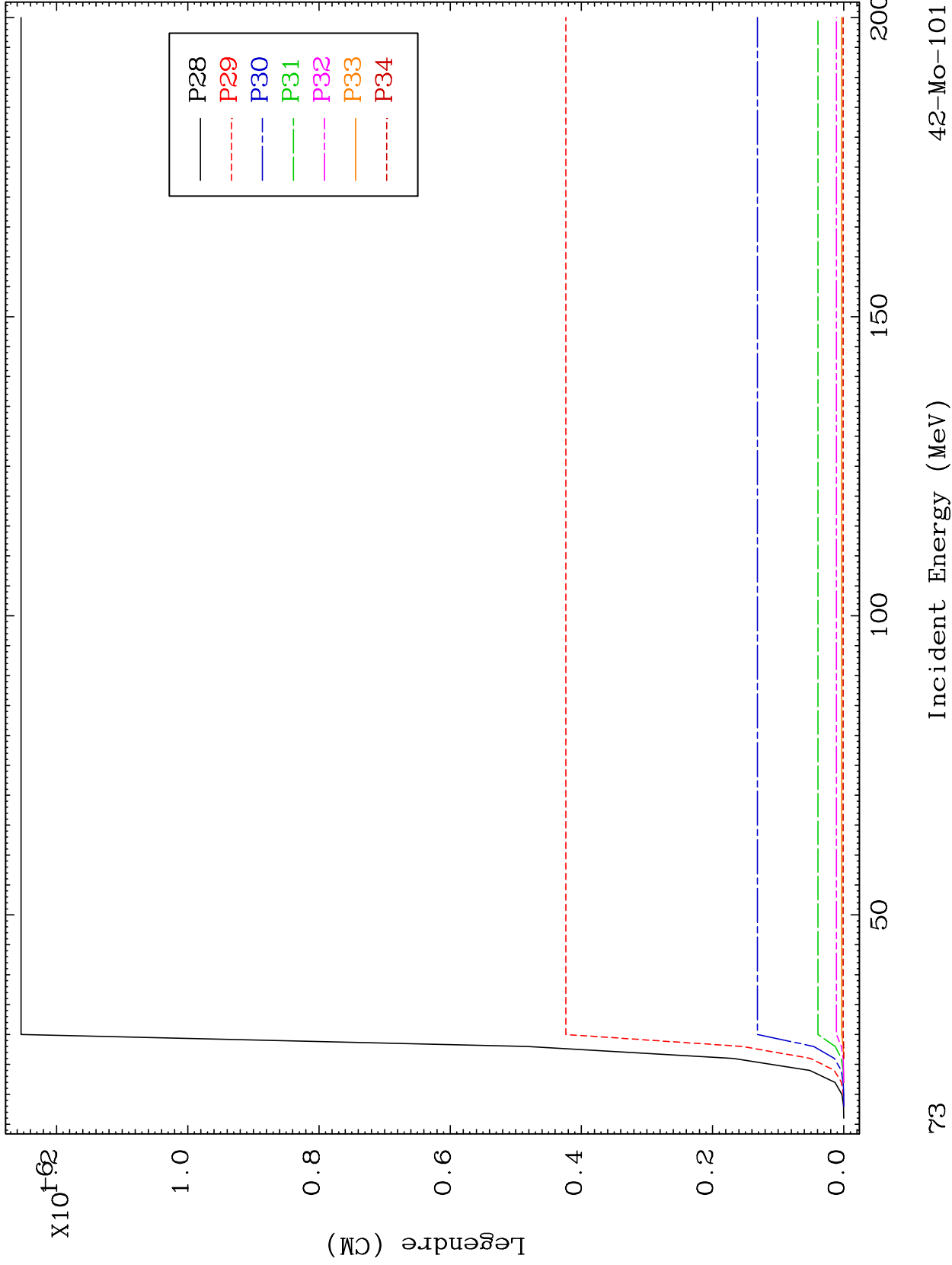
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

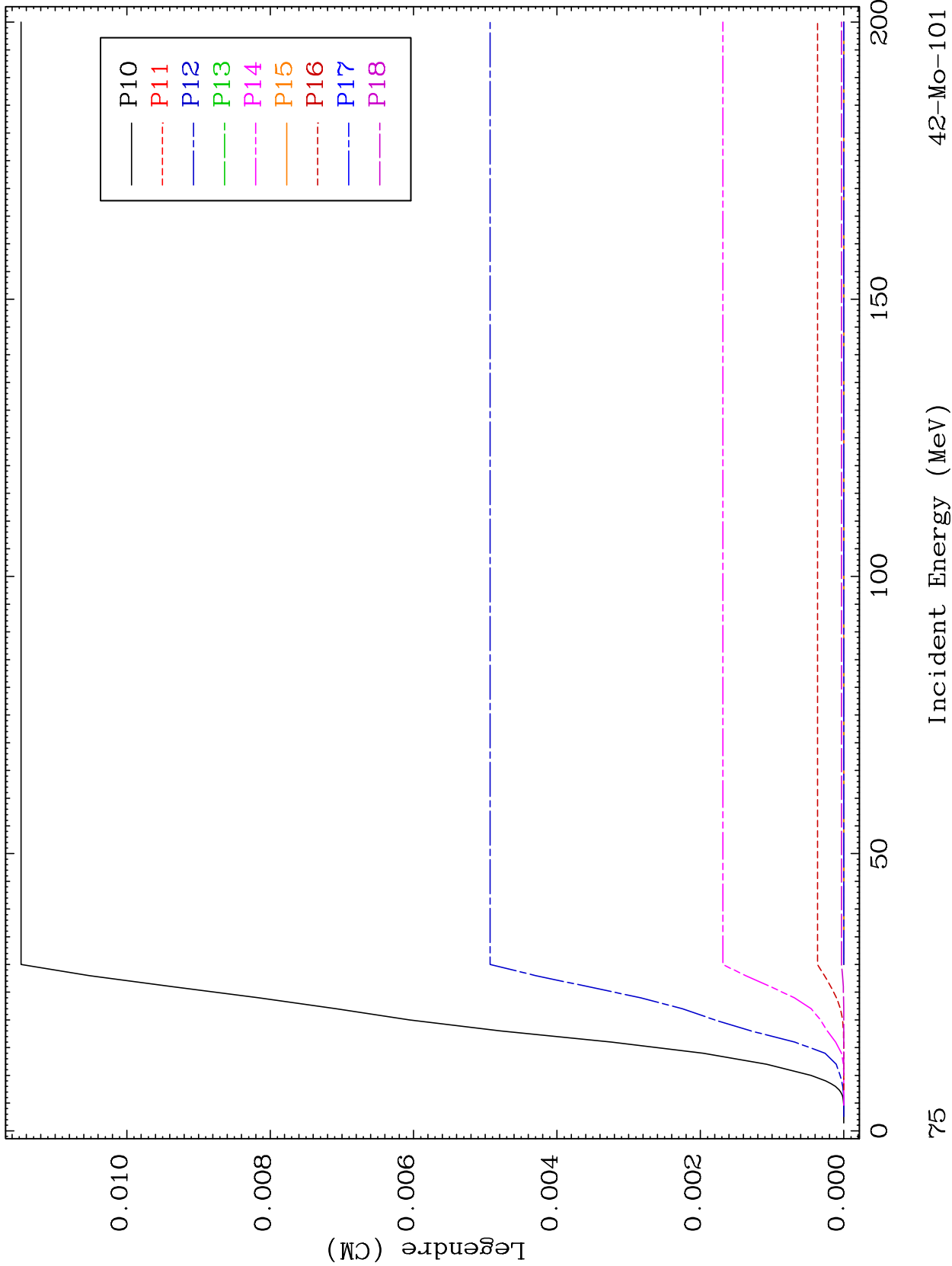
42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

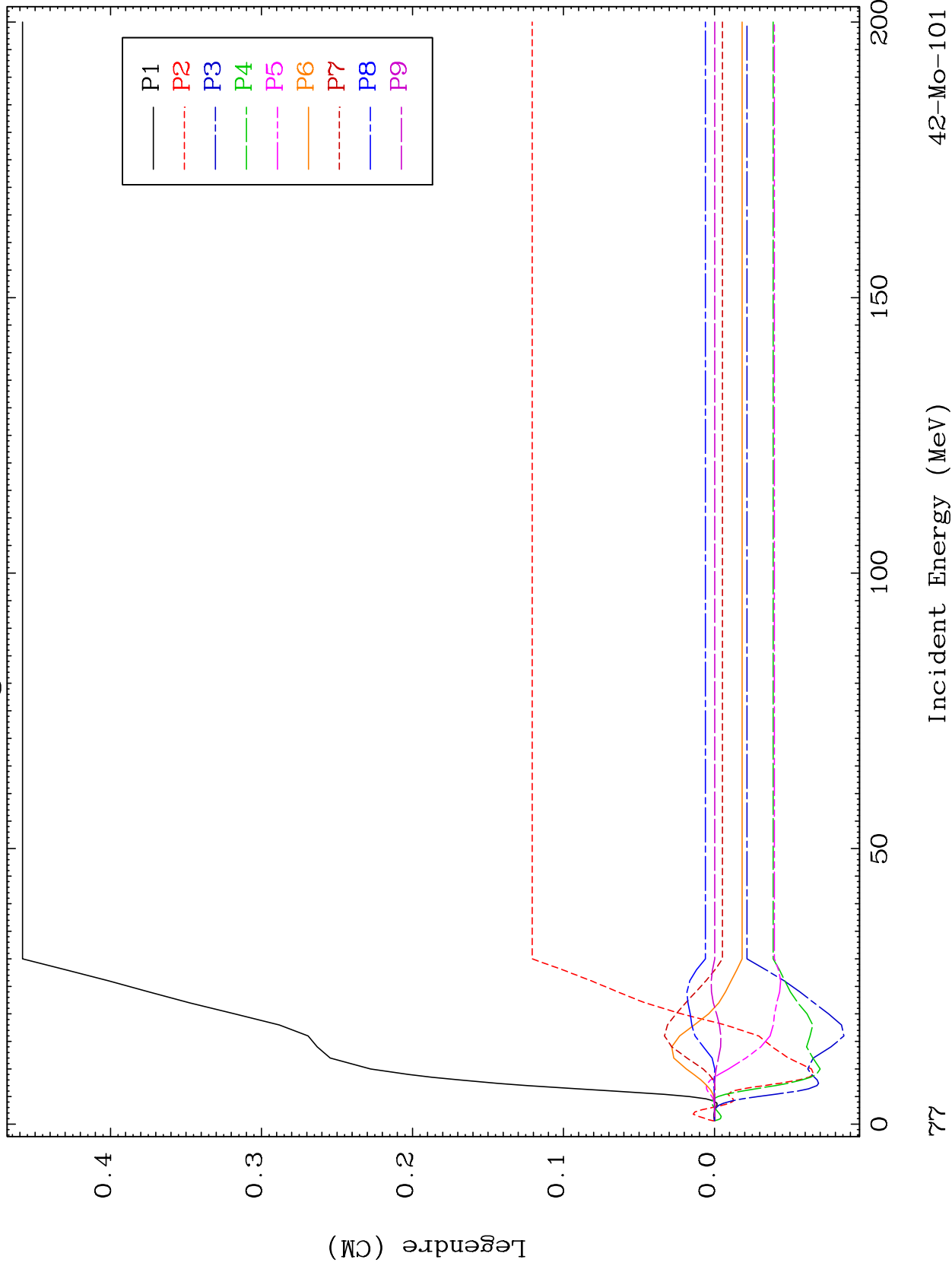
Incident Energy (MeV)

75

MAT 4252

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

42-Mo-101



77

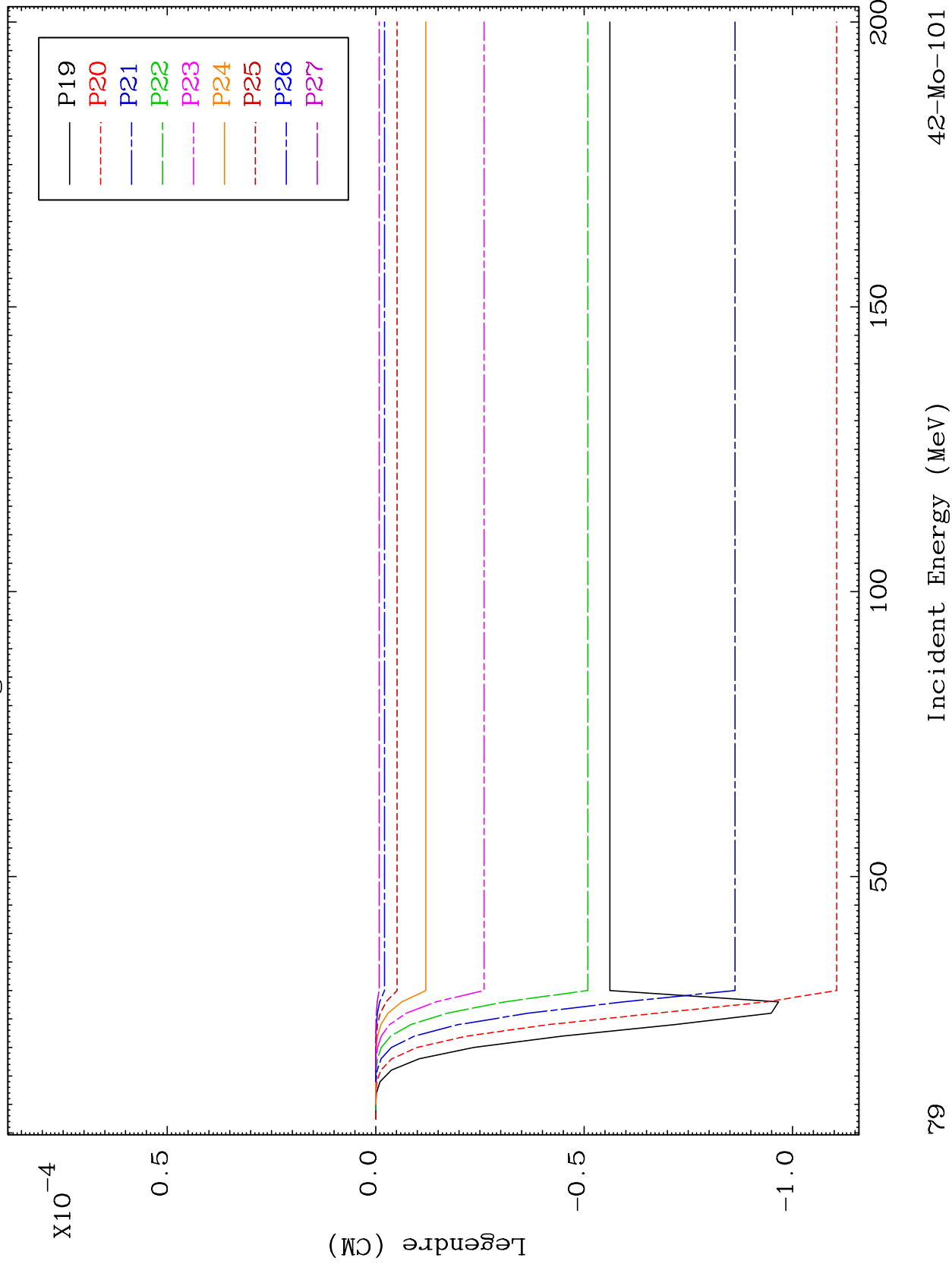
Incident Energy (MeV)

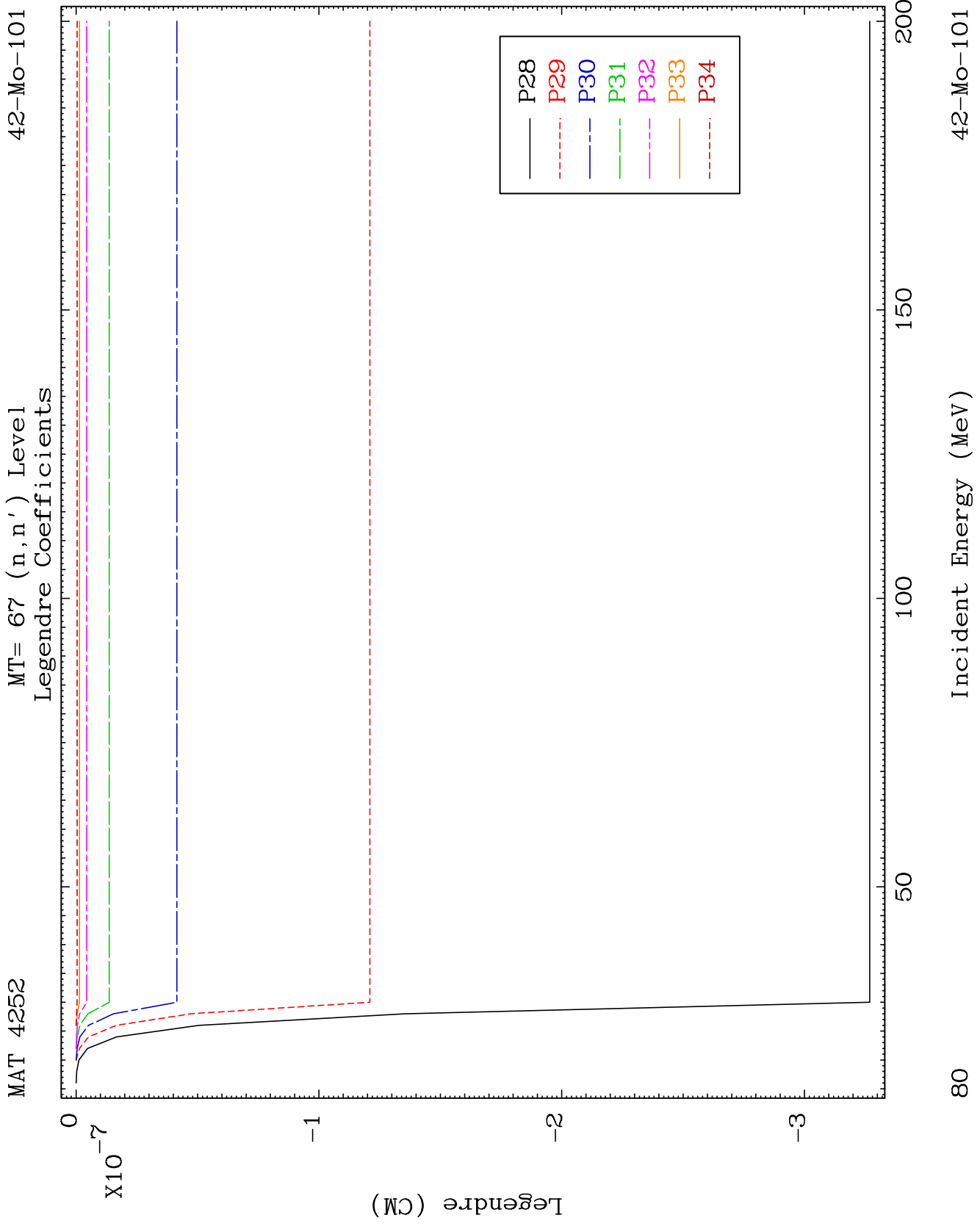
42-Mo-101

MAT 4252

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

42-Mo-101

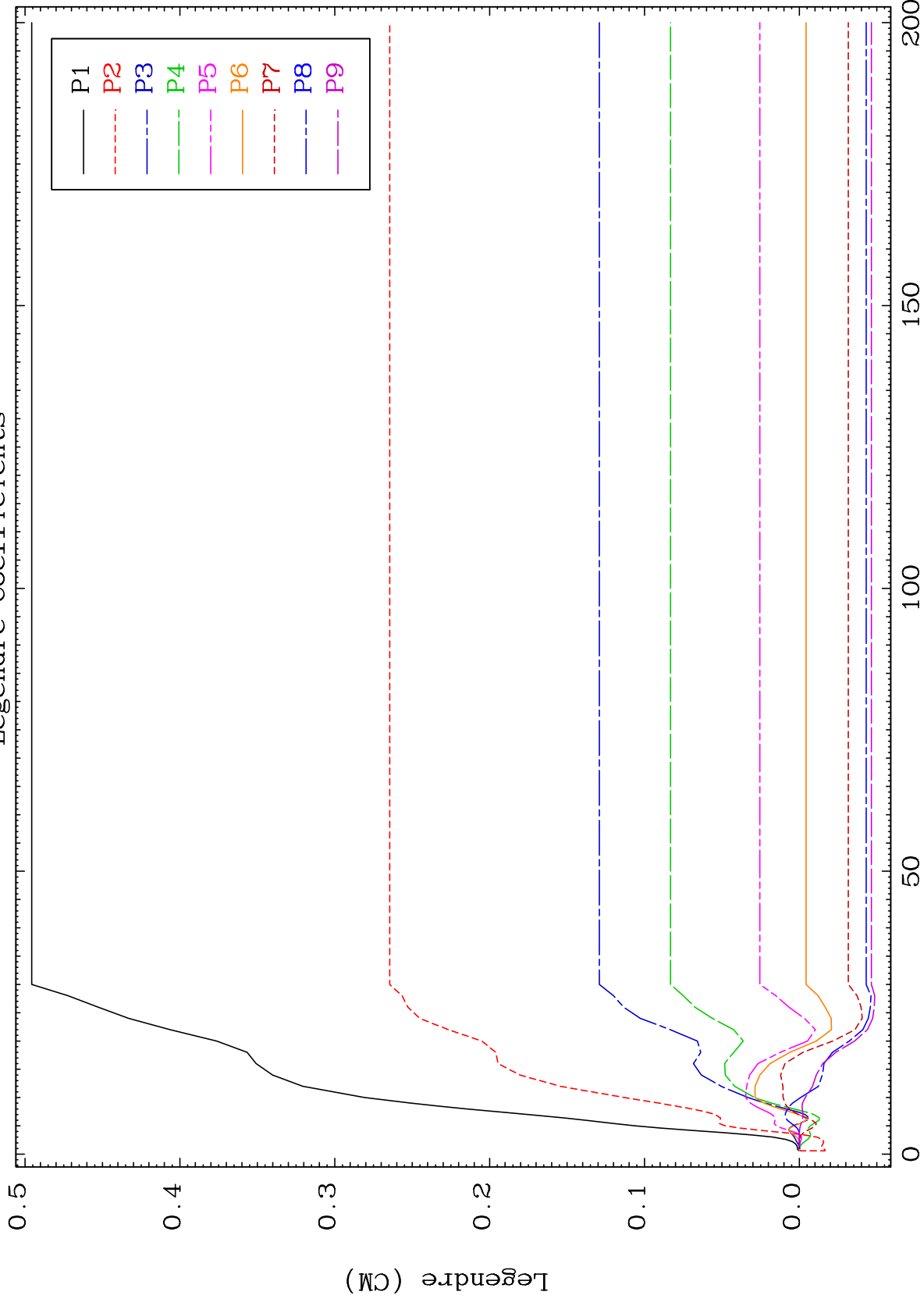




MAT 4252

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-101



81

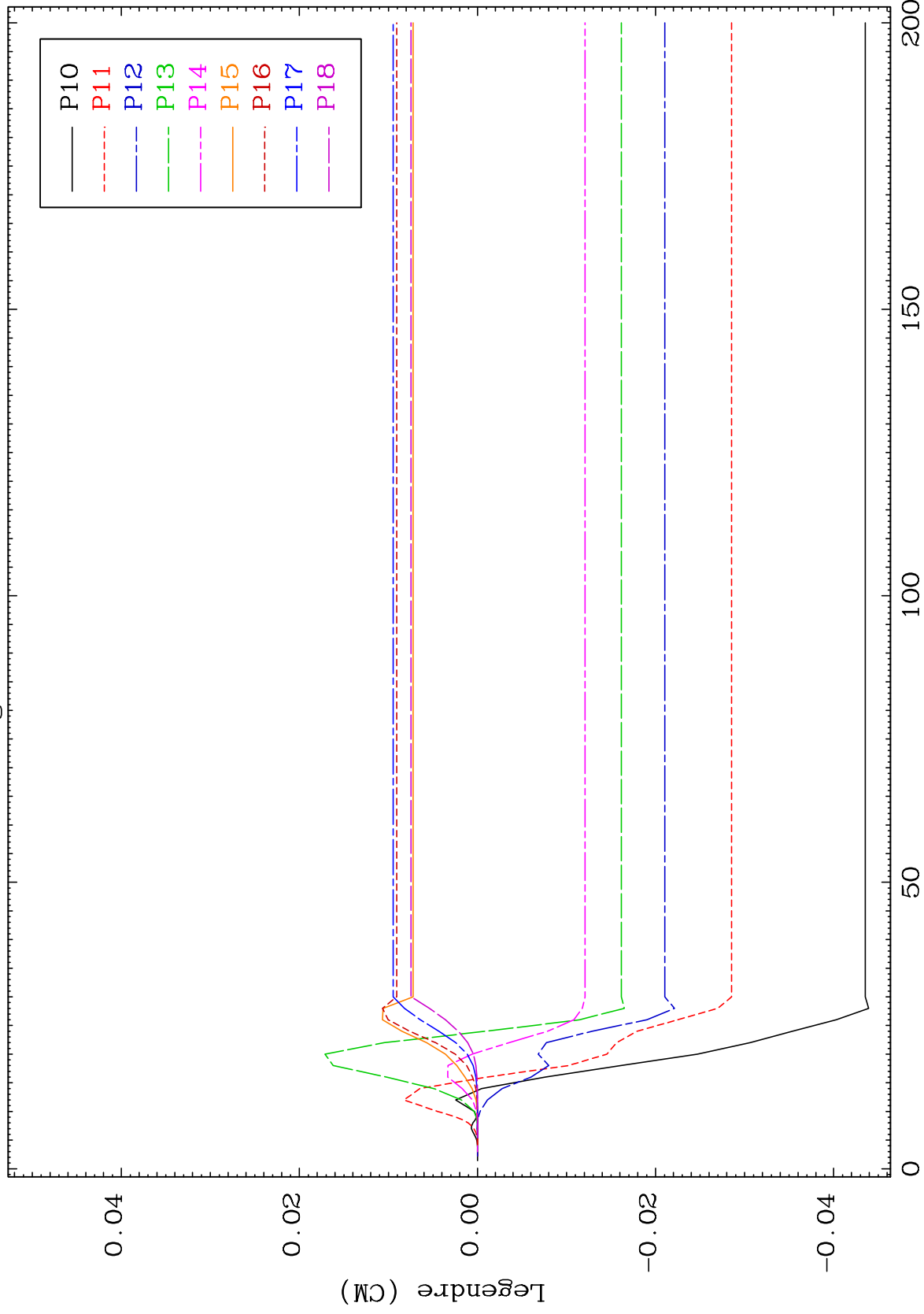
Incident Energy (MeV)

42-Mo-101

MAT 4252

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-101



82

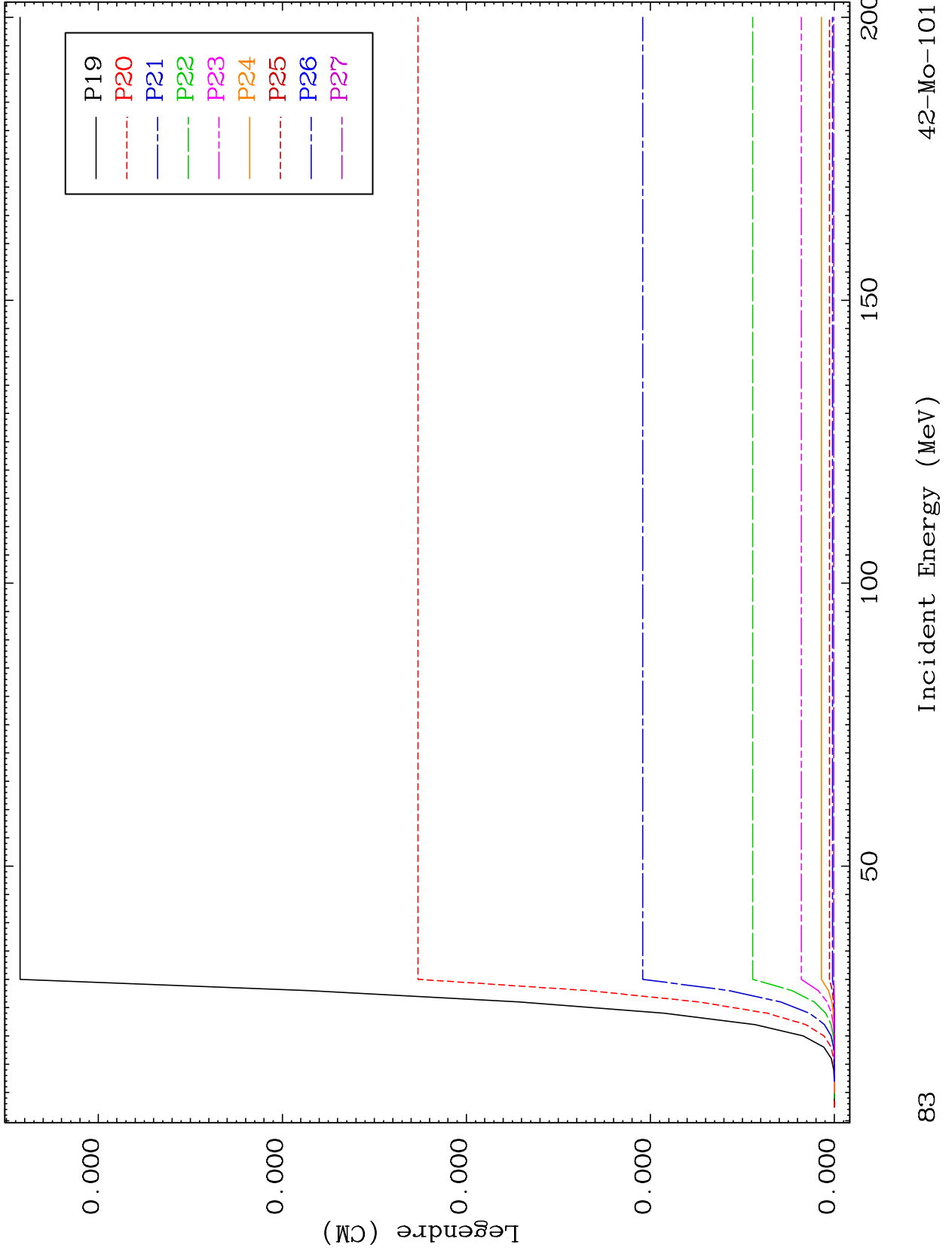
Incident Energy (MeV)

42-Mo-101

MAT 4252

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-101



83

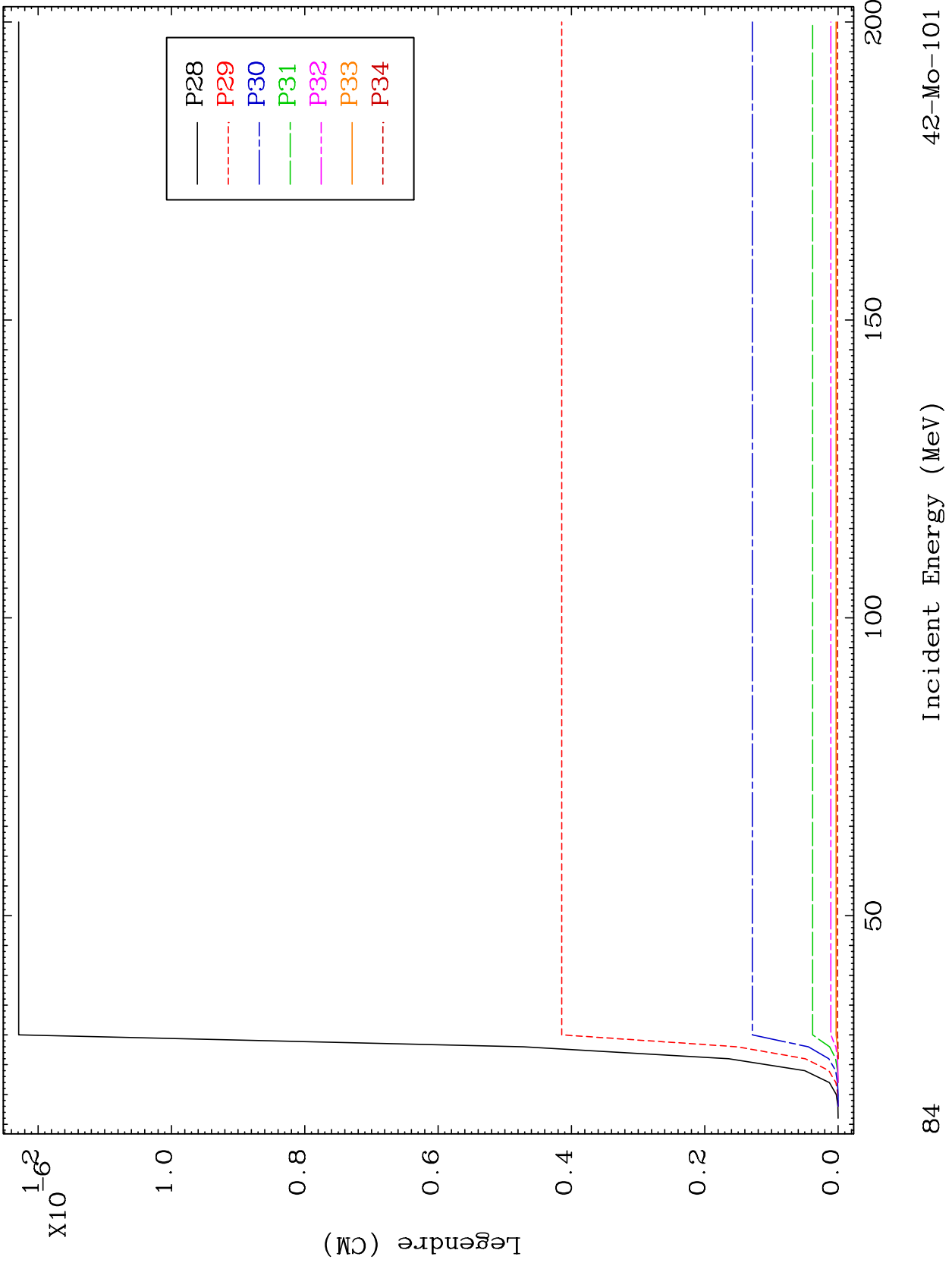
Incident Energy (MeV)

42-Mo-101

MAT 4252

MT= 68 (n,n') Level
Legendre Coefficients

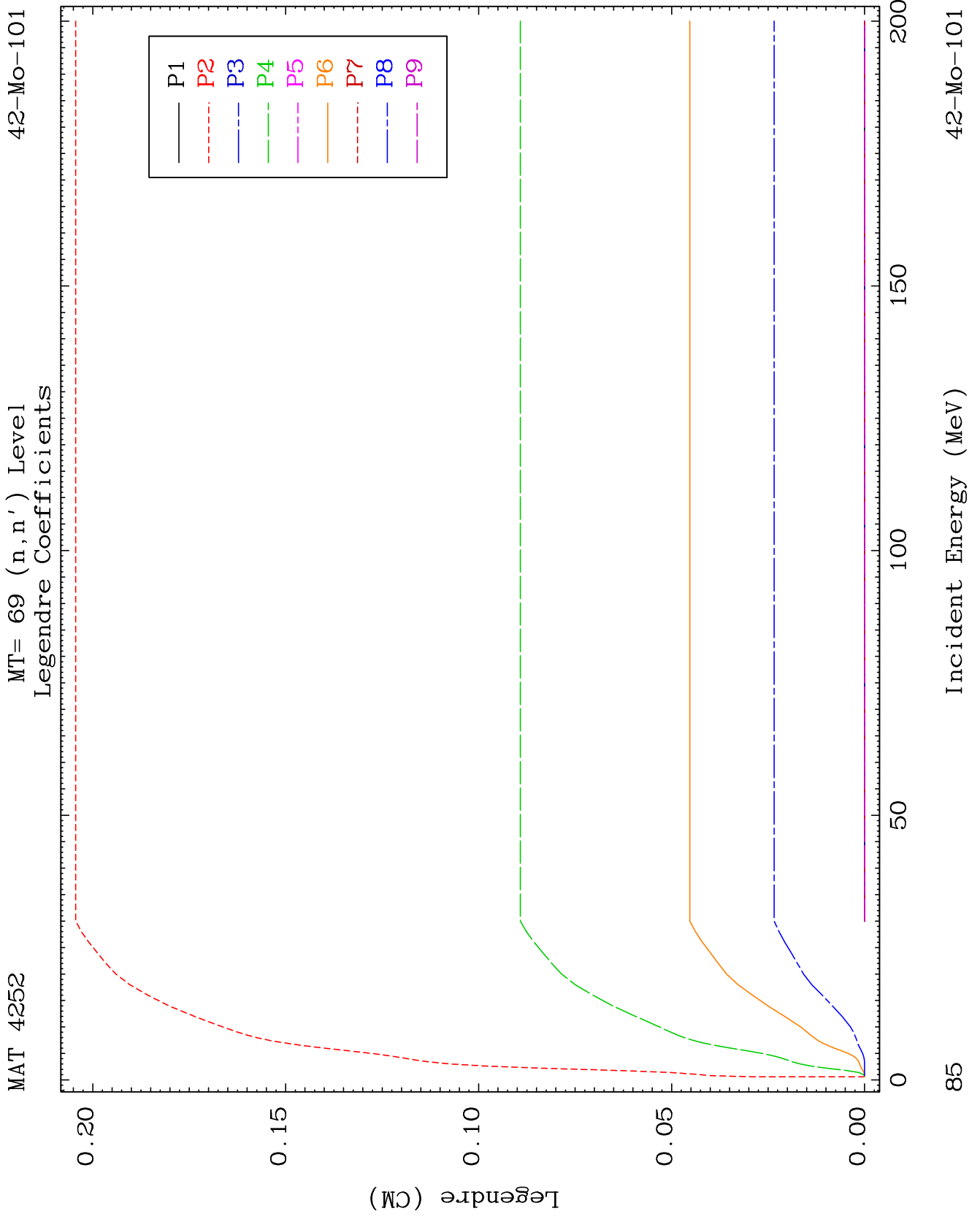
42-Mo-101



84

Incident Energy (MeV)

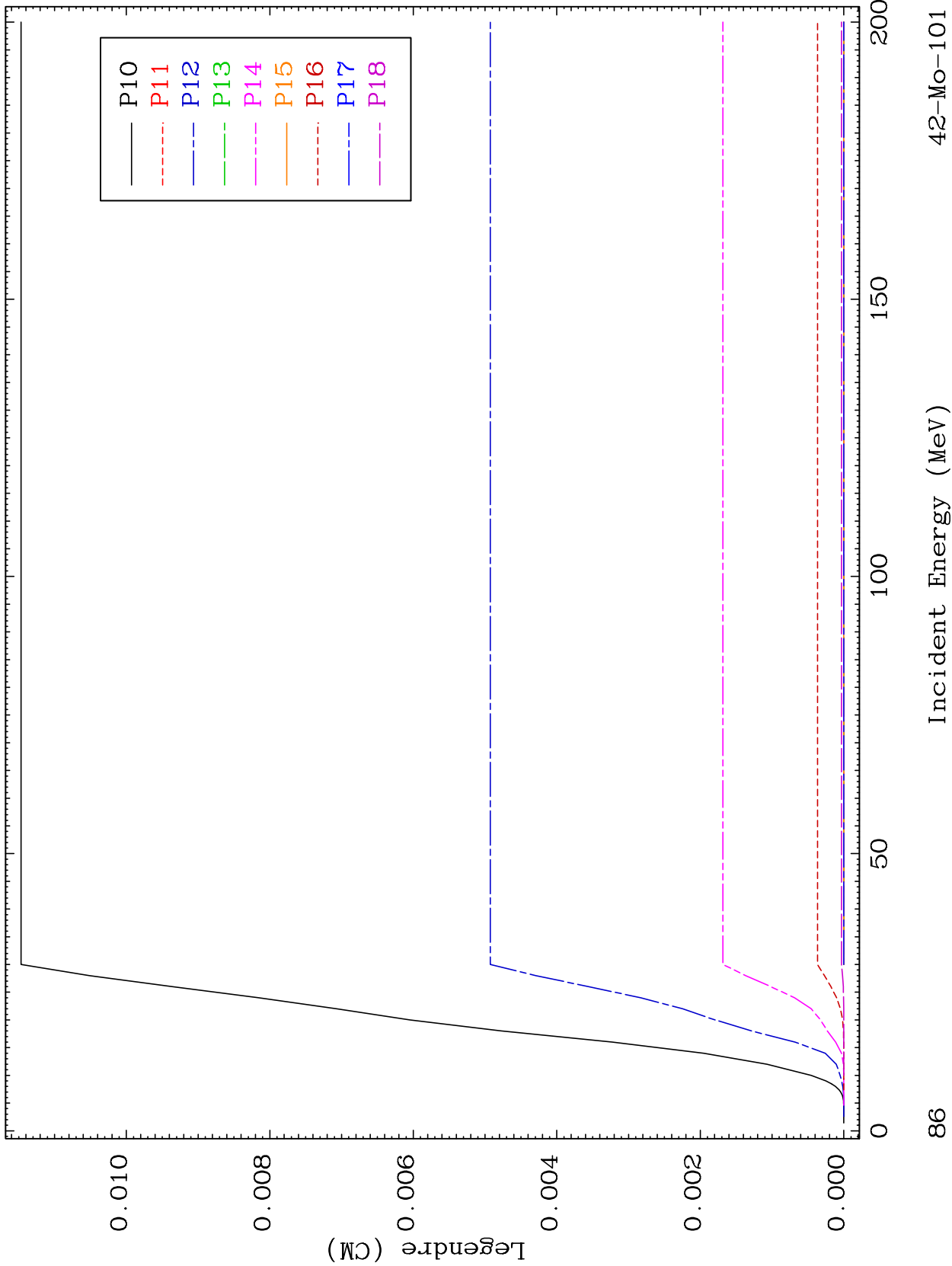
42-Mo-101



MAT 4252

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

42-Mo-101



86

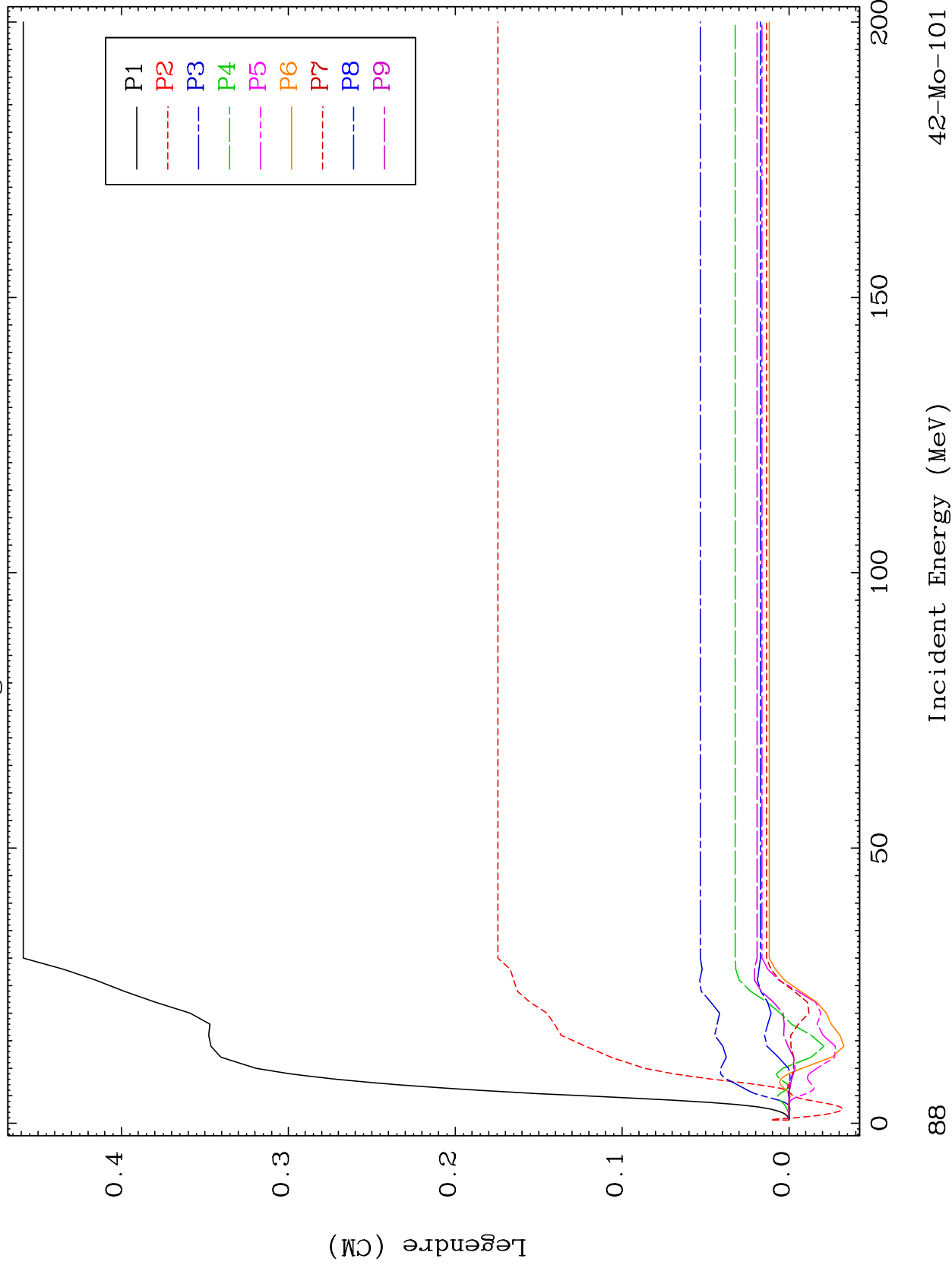
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



88

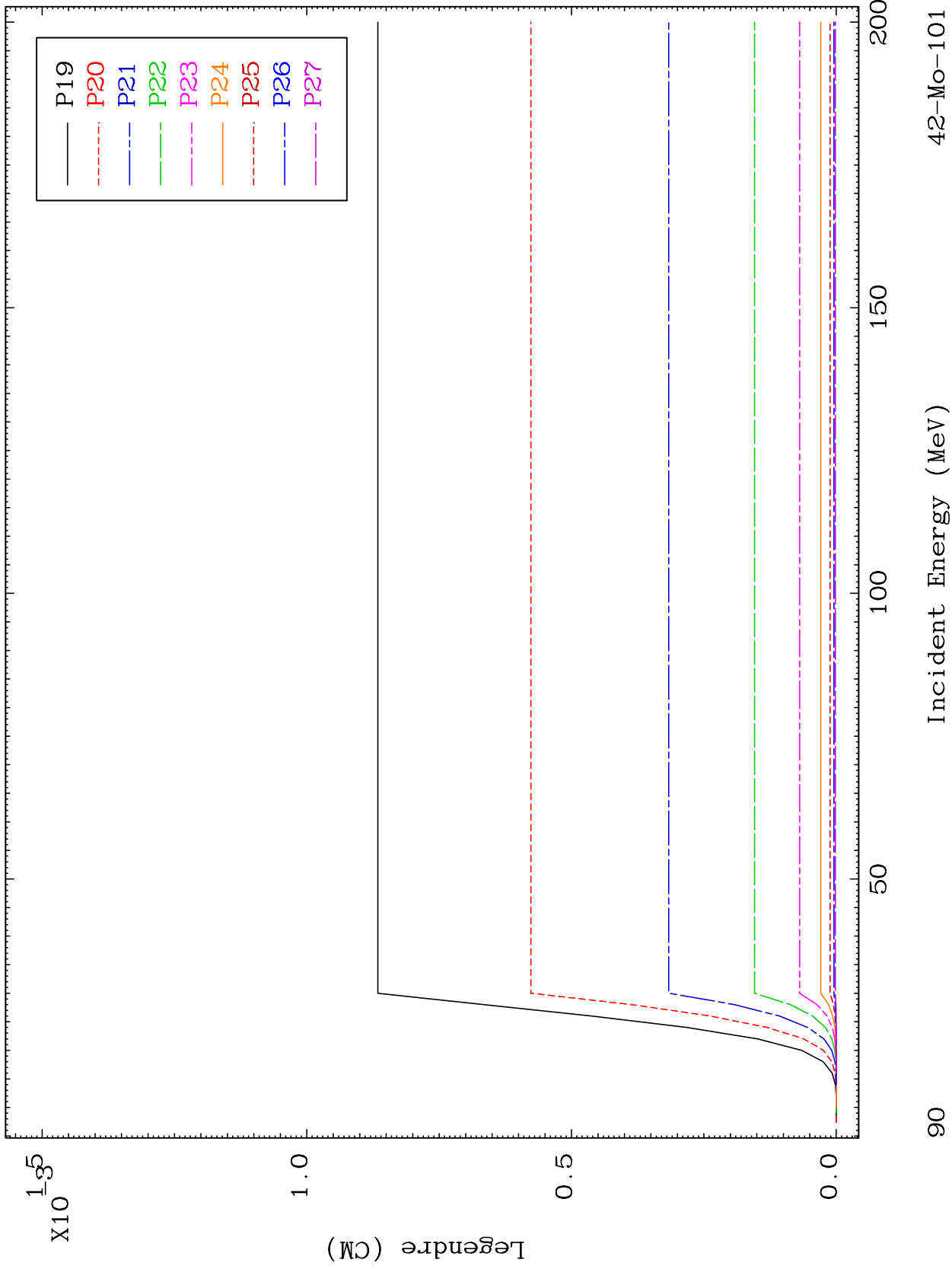
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

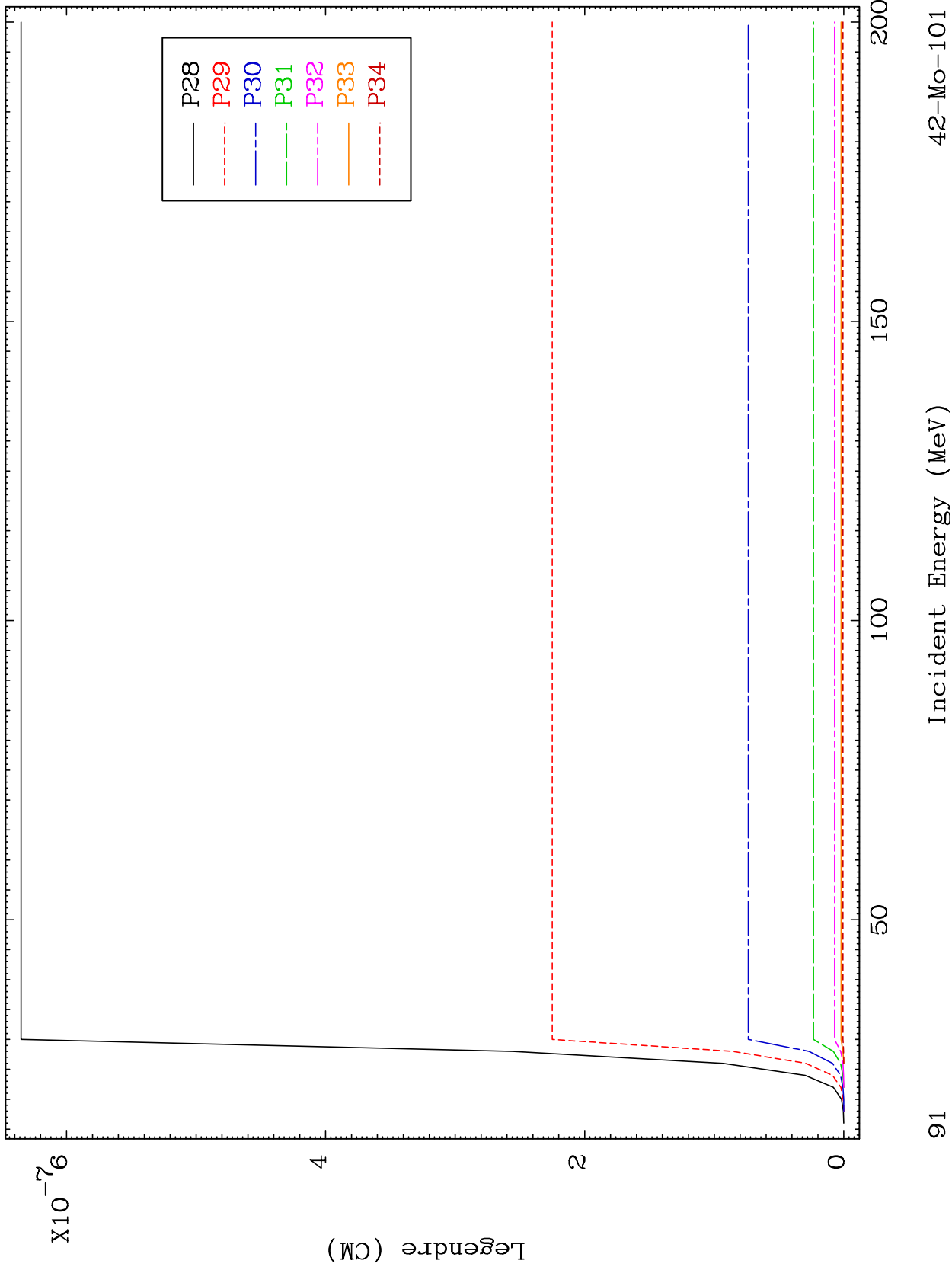
42-Mo-101



MAT 4252

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

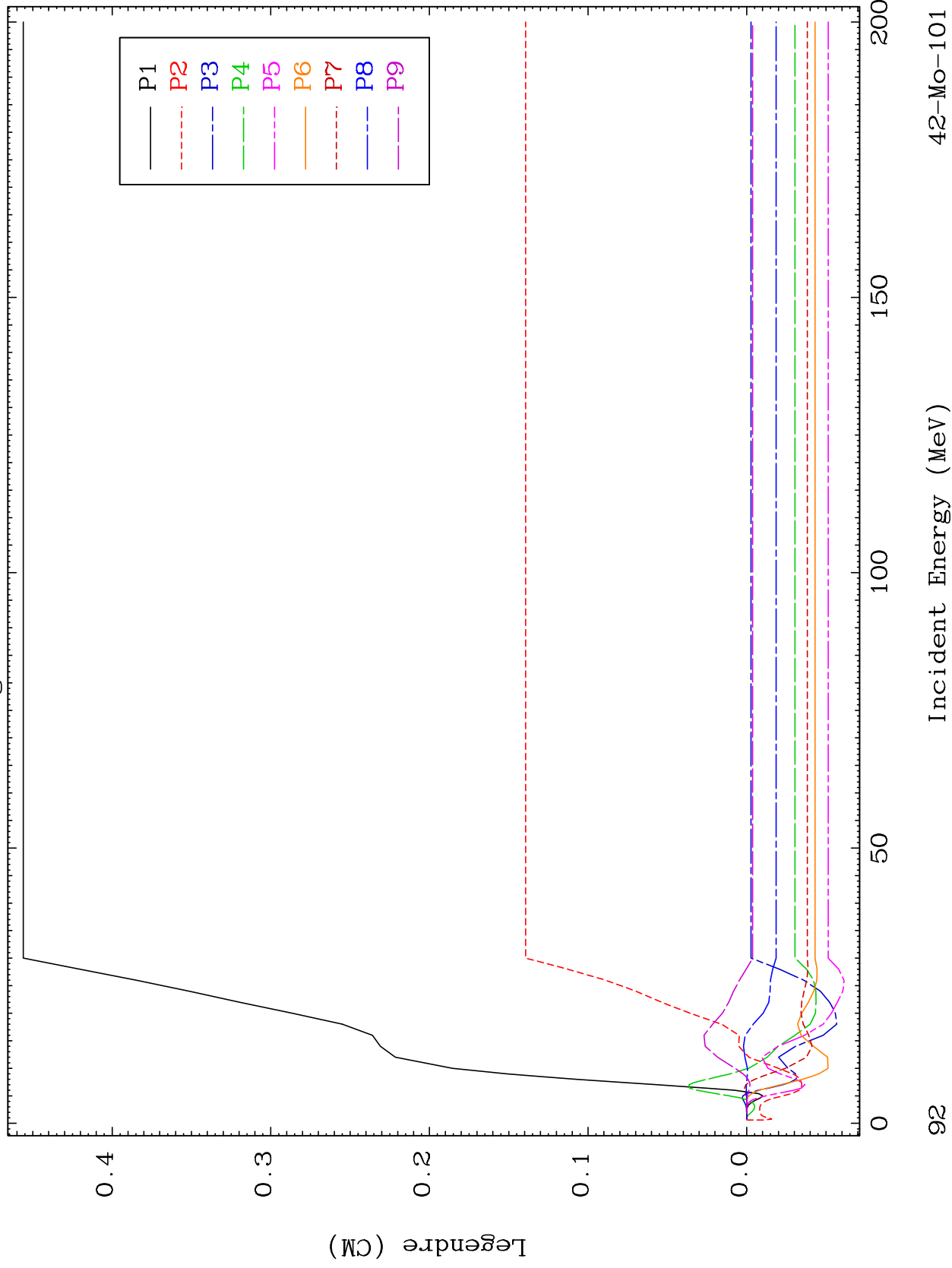
42-Mo-101



MAT 4252

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

42-Mo-101



92

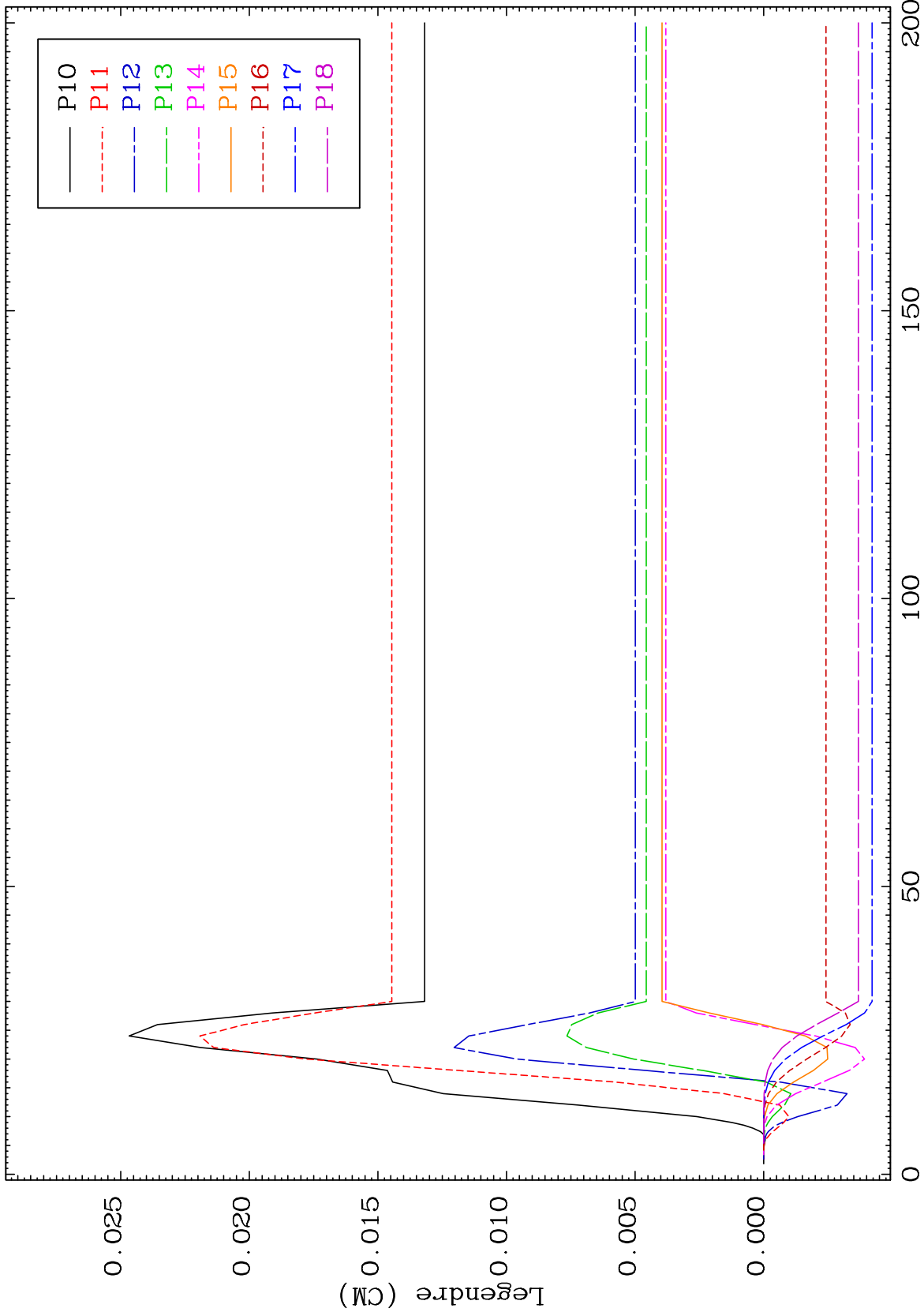
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

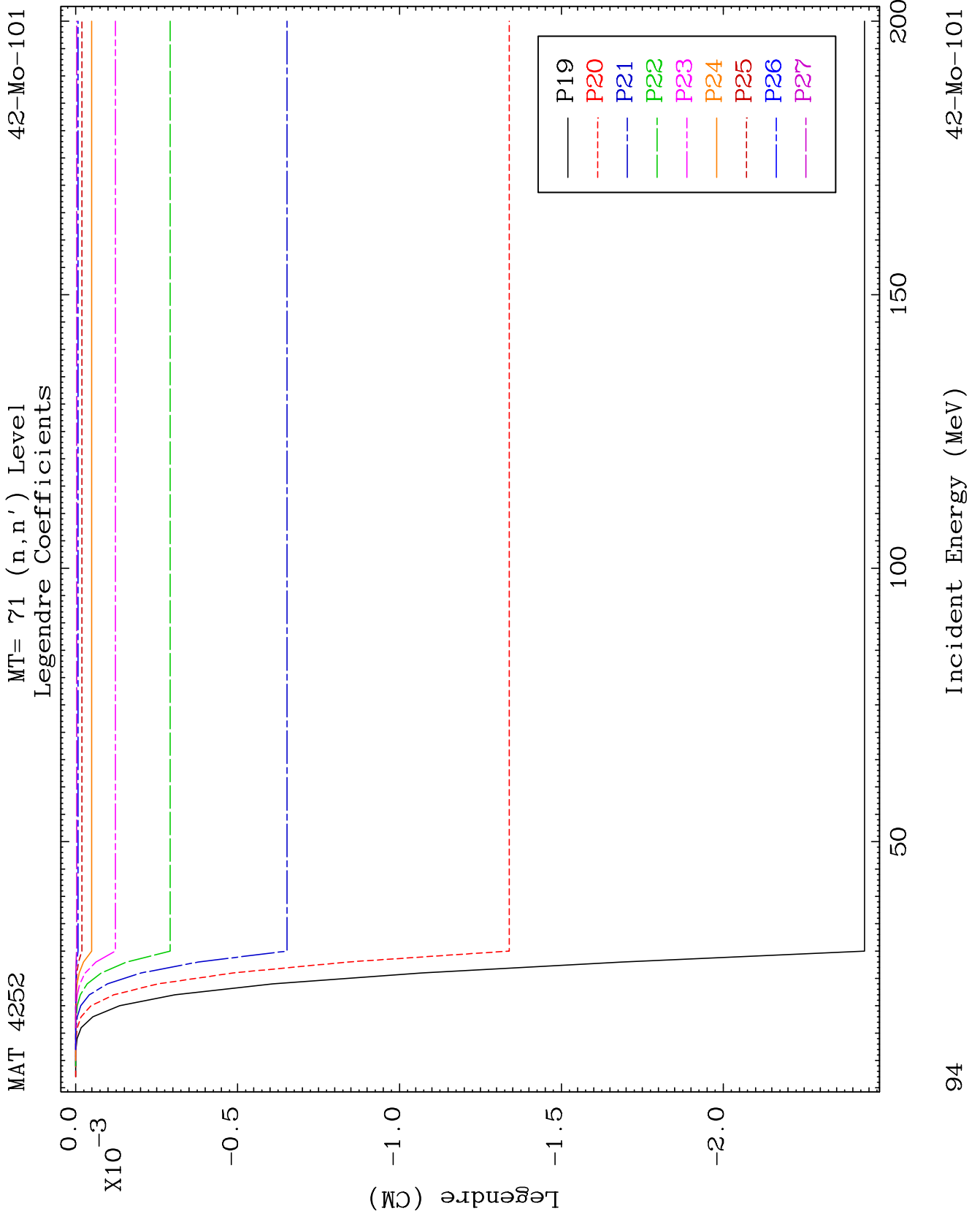
42-Mo-101

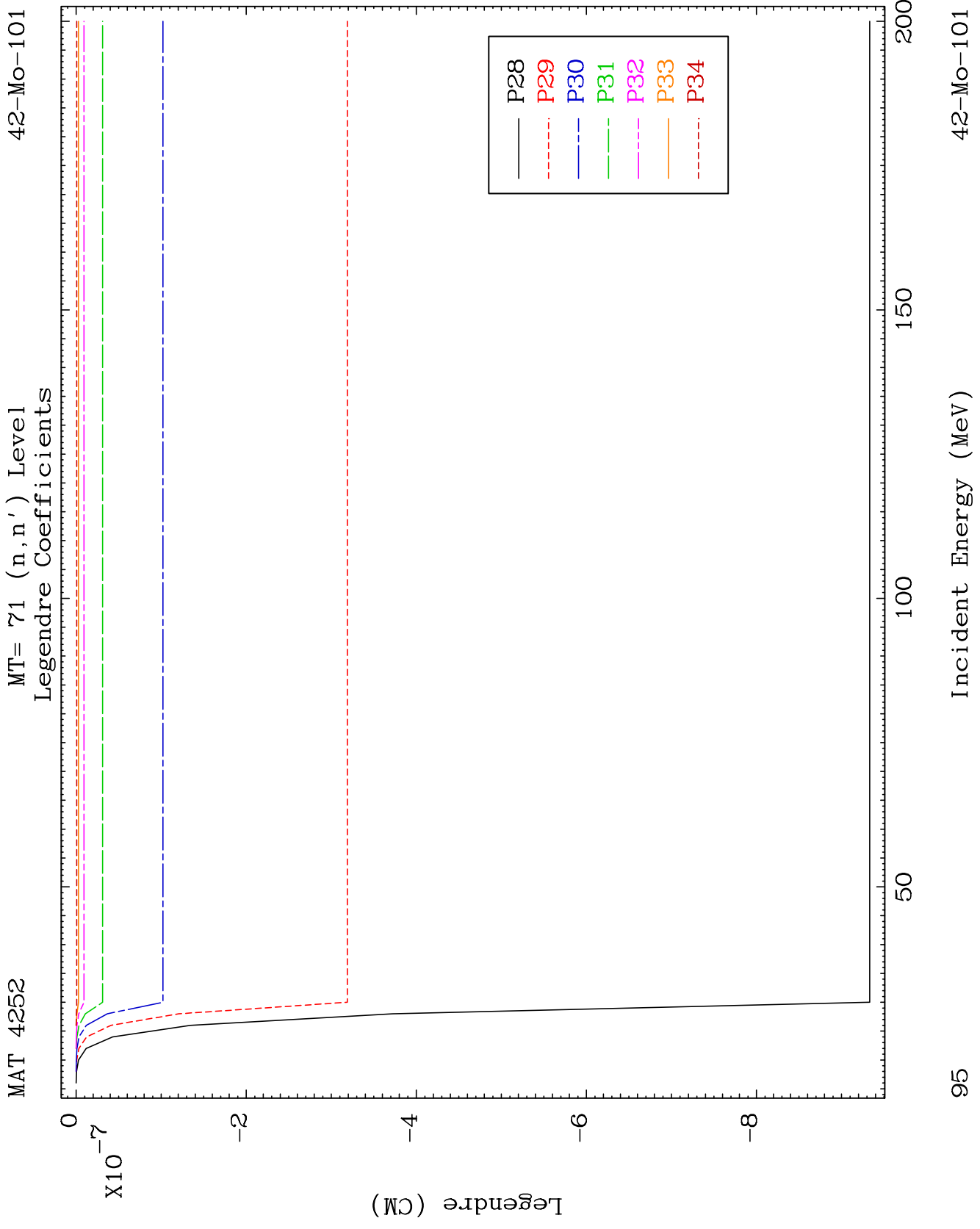


93

Incident Energy (MeV)

42-Mo-101

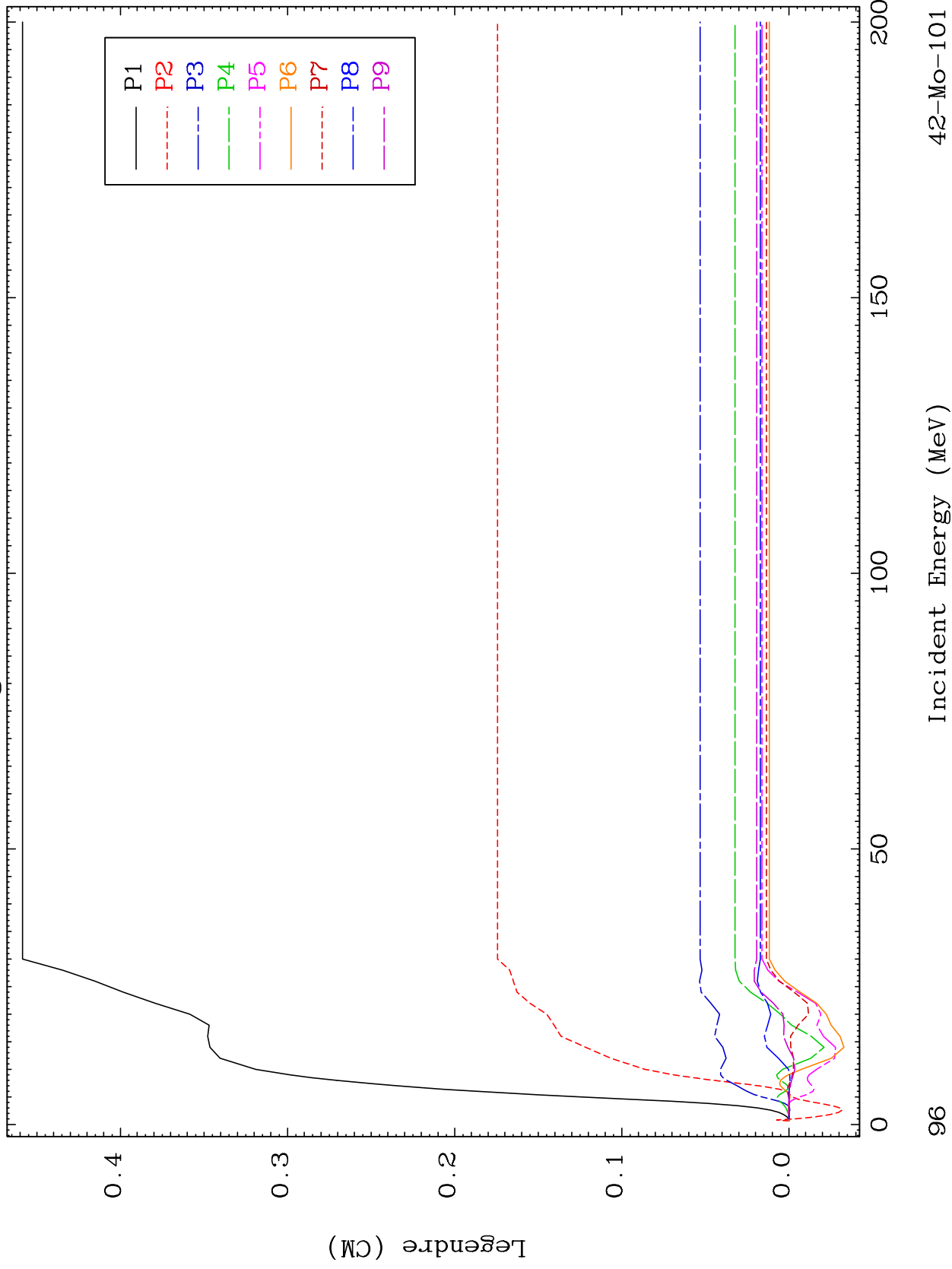




MAT 4252

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

42-Mo-101



96

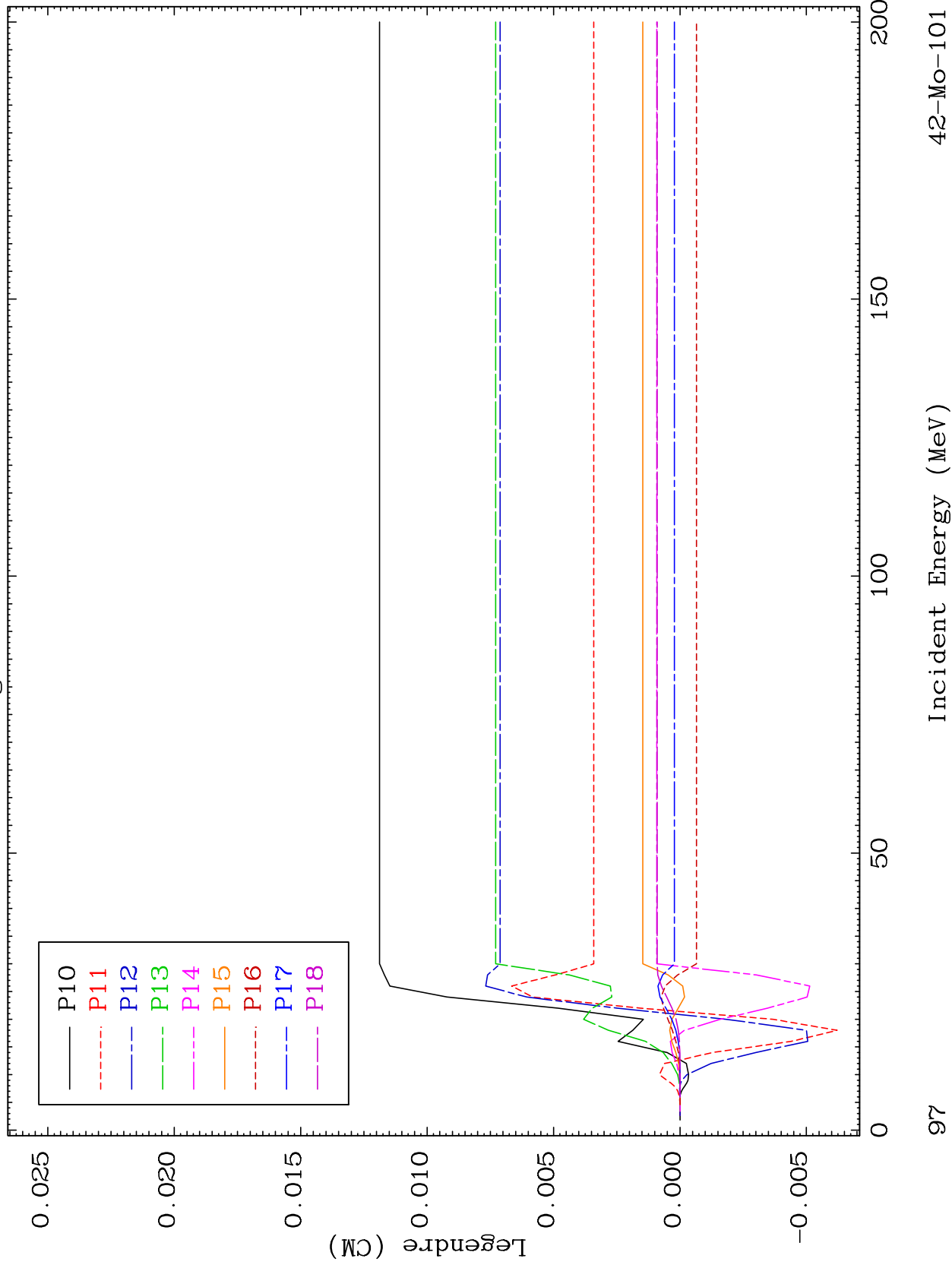
Incident Energy (MeV)

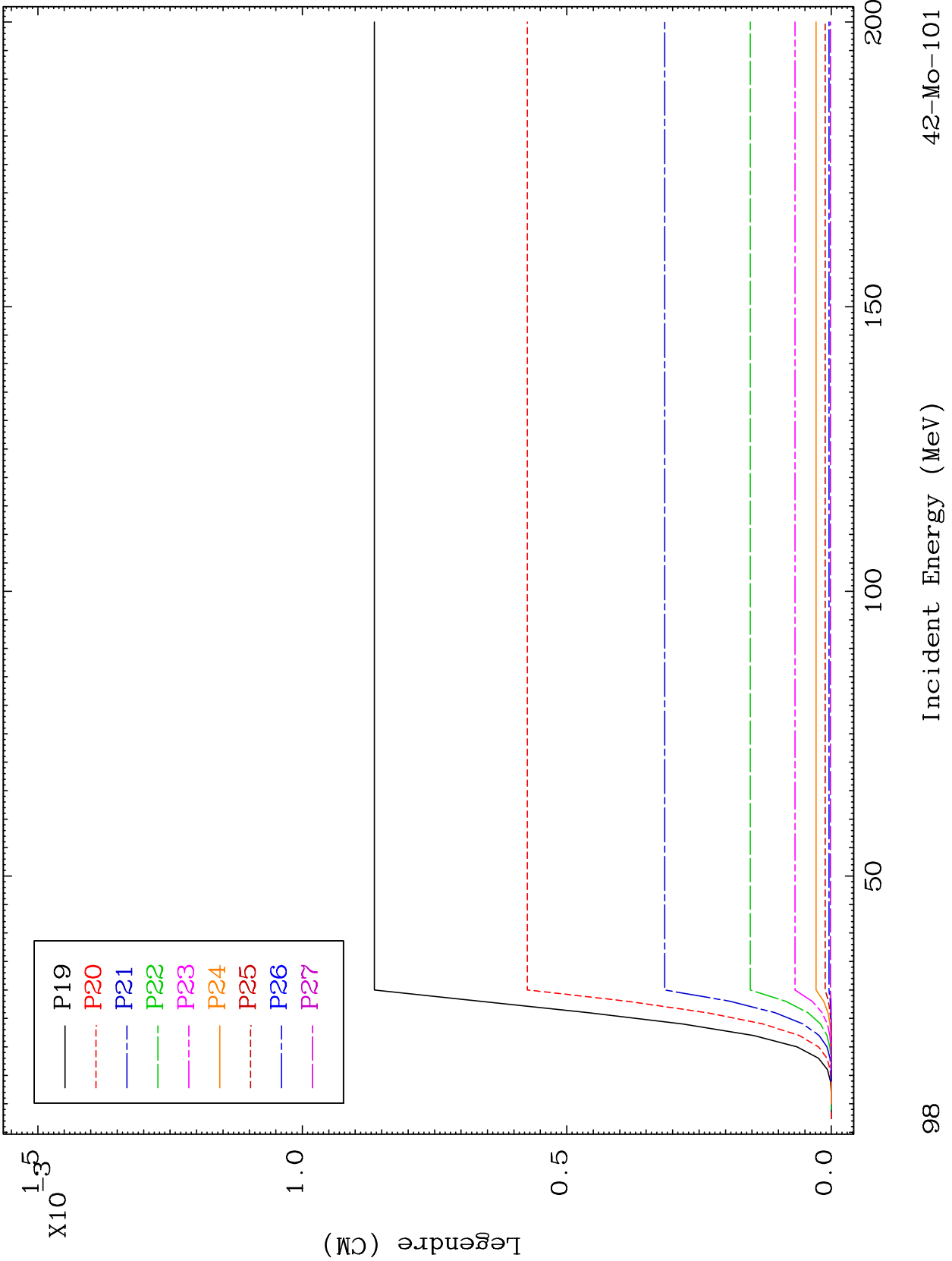
42-Mo-101

MAT 4252

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

42-Mo-101

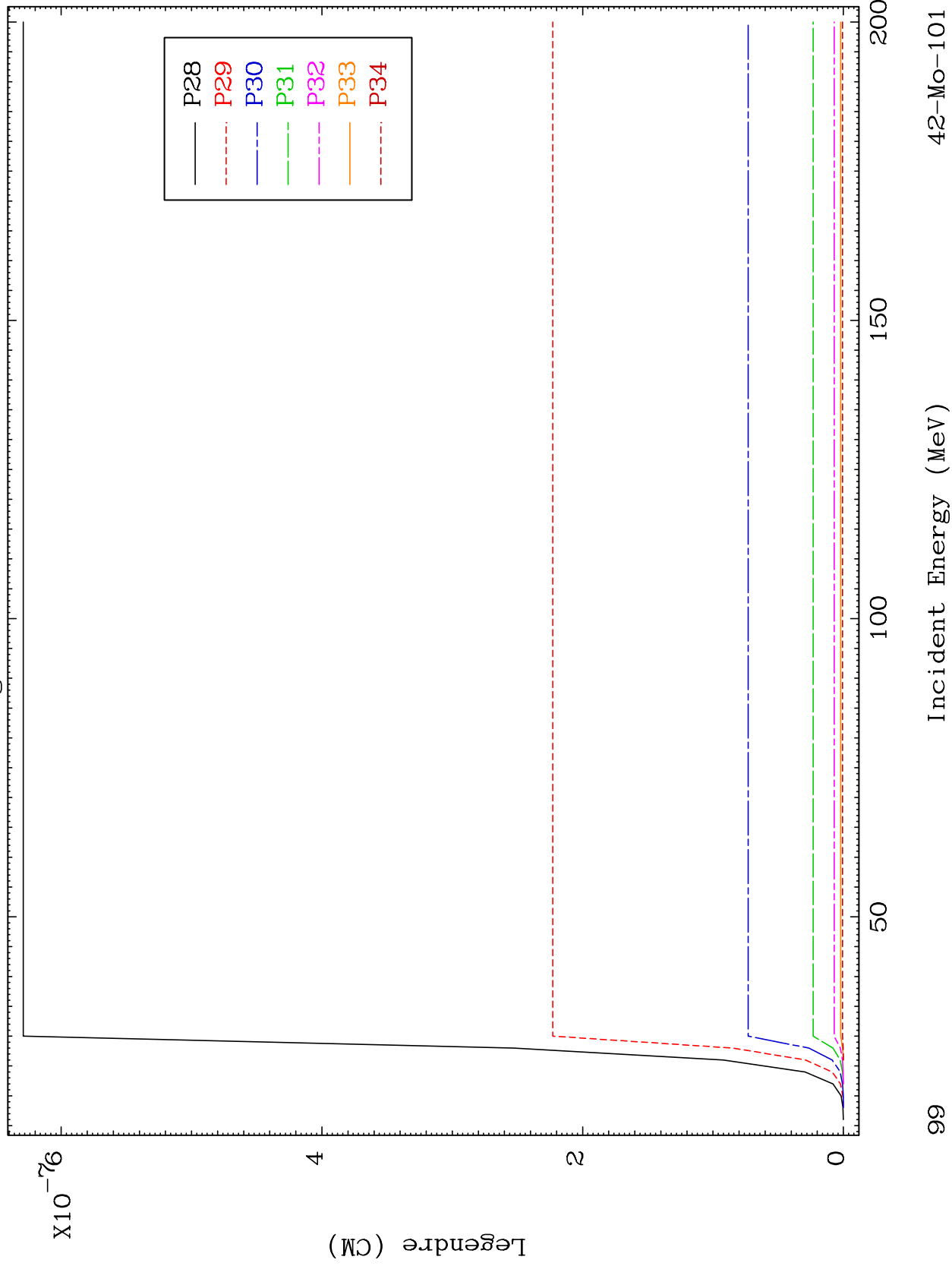




MAT 4252

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

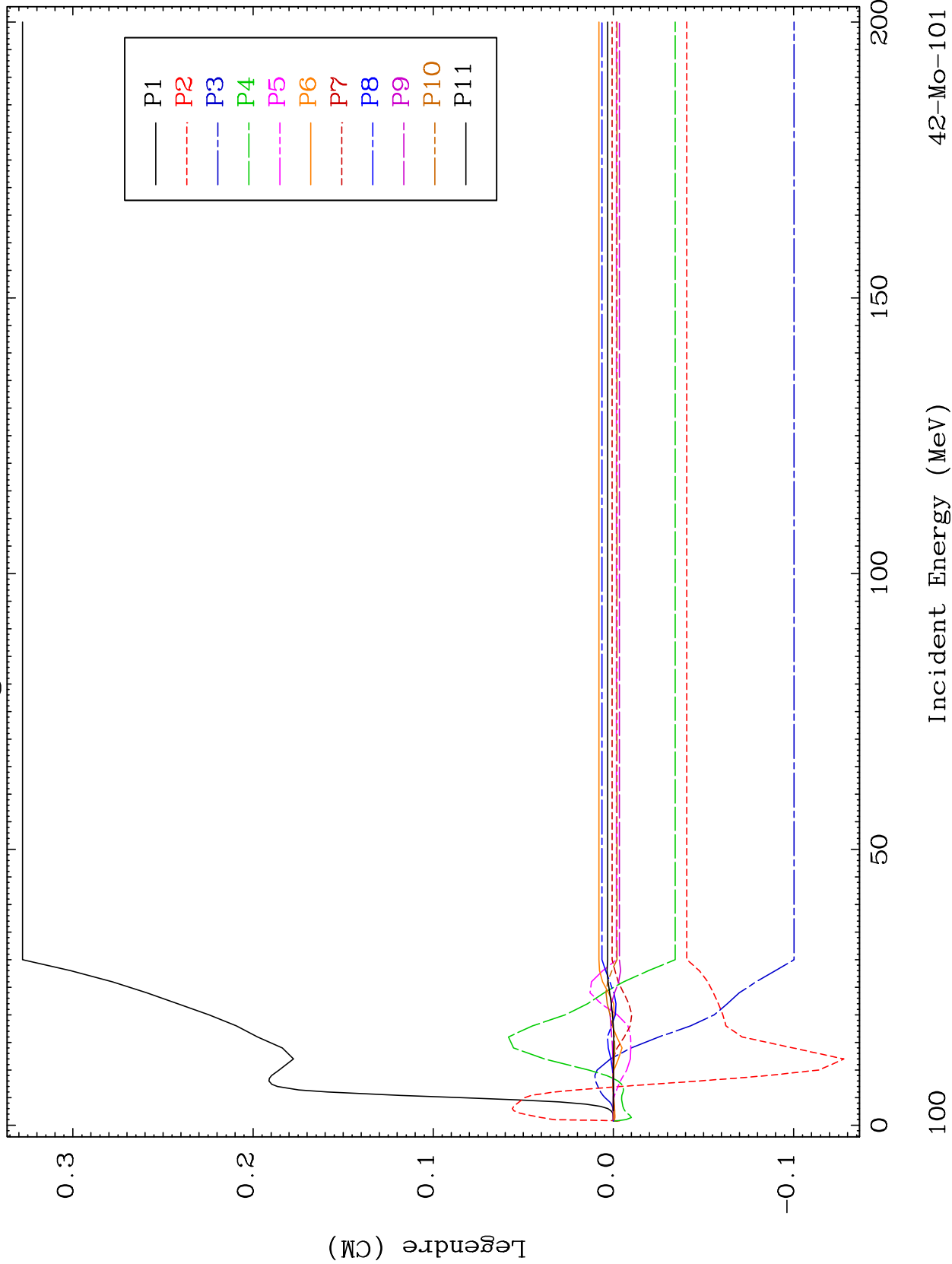
42-Mo-101



MAT 4252

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

42-Mo-101



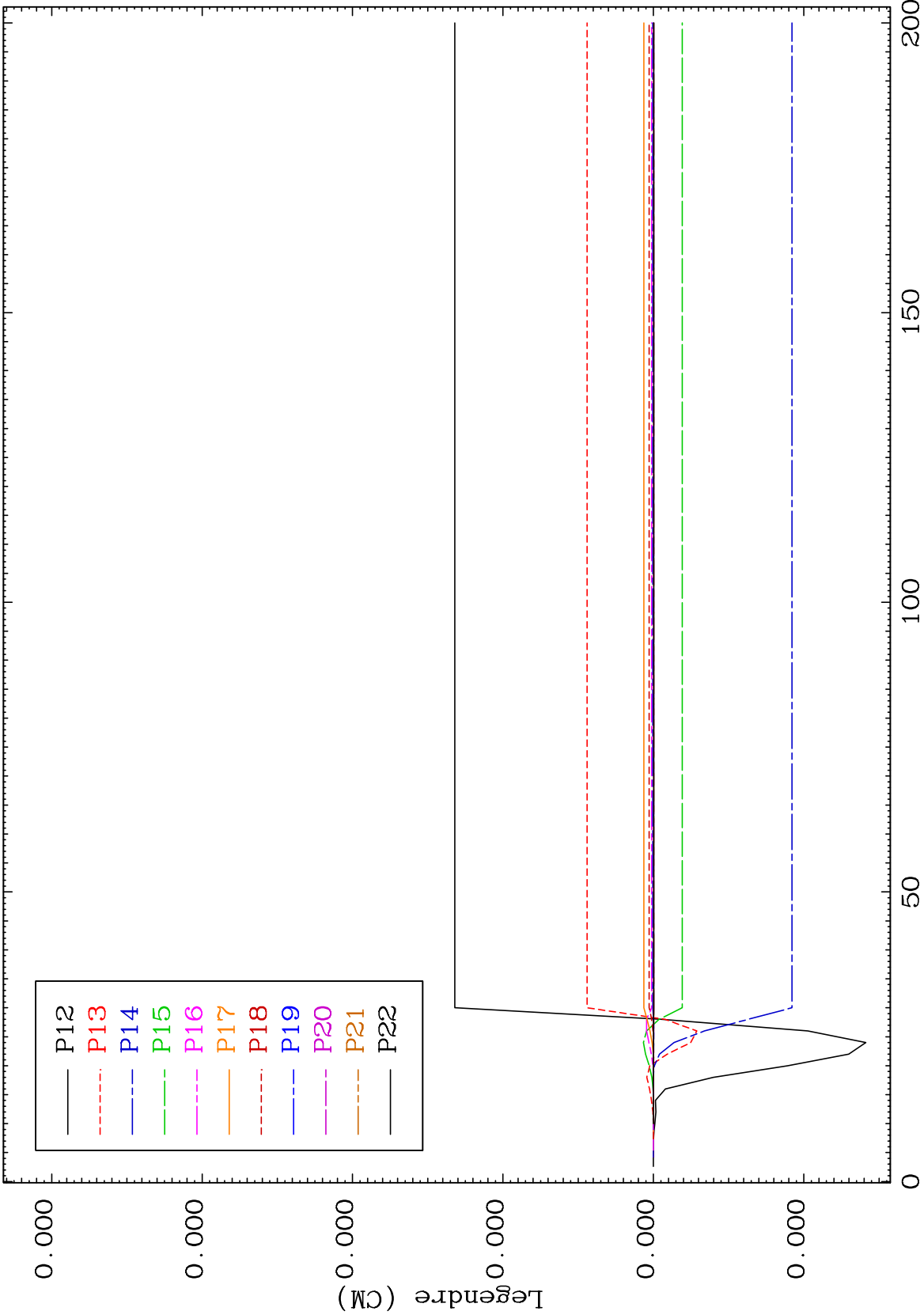
42-Mo-101

Incident Energy (MeV)

MAT 4252

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

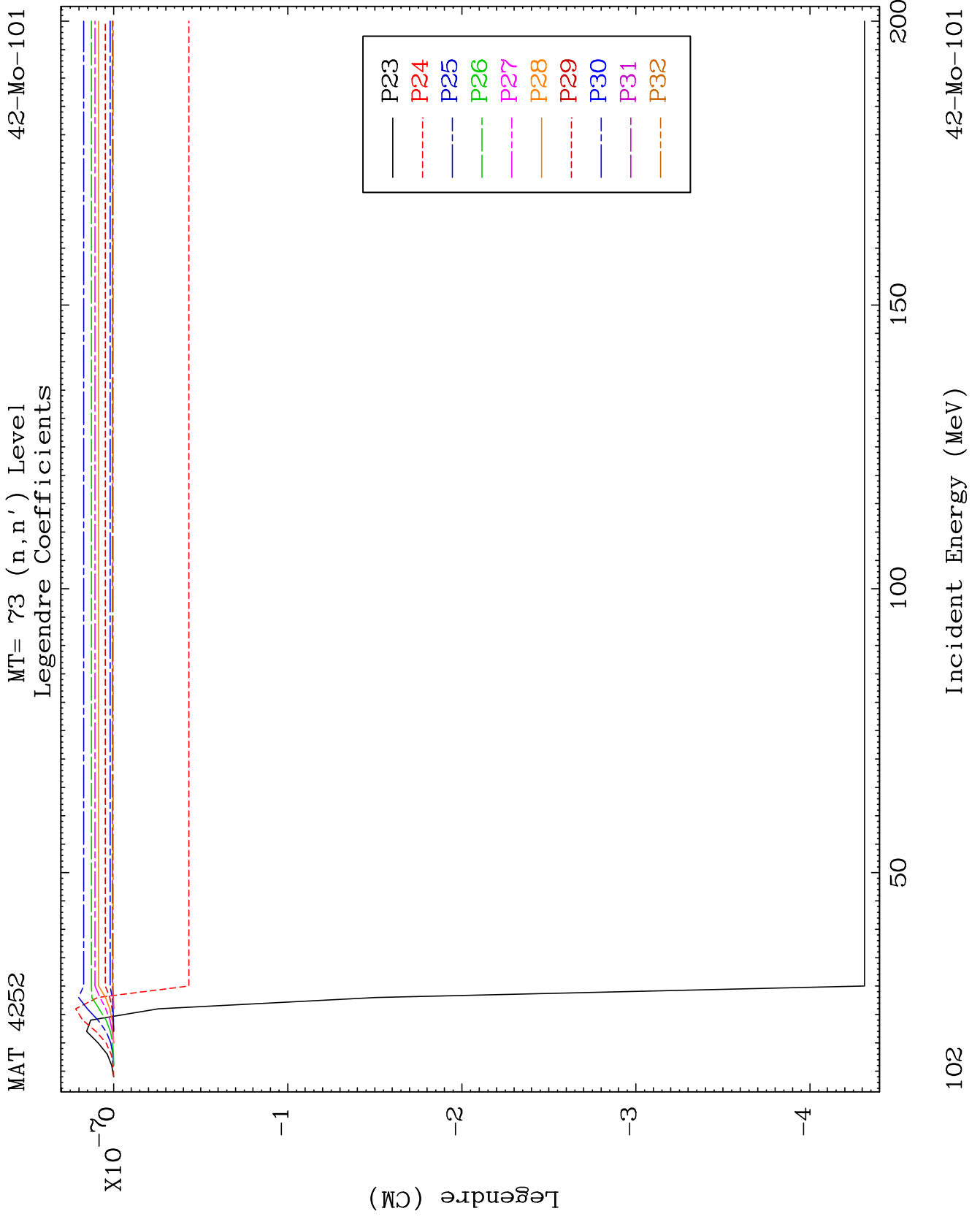
42-Mo-101



101

Incident Energy (MeV)

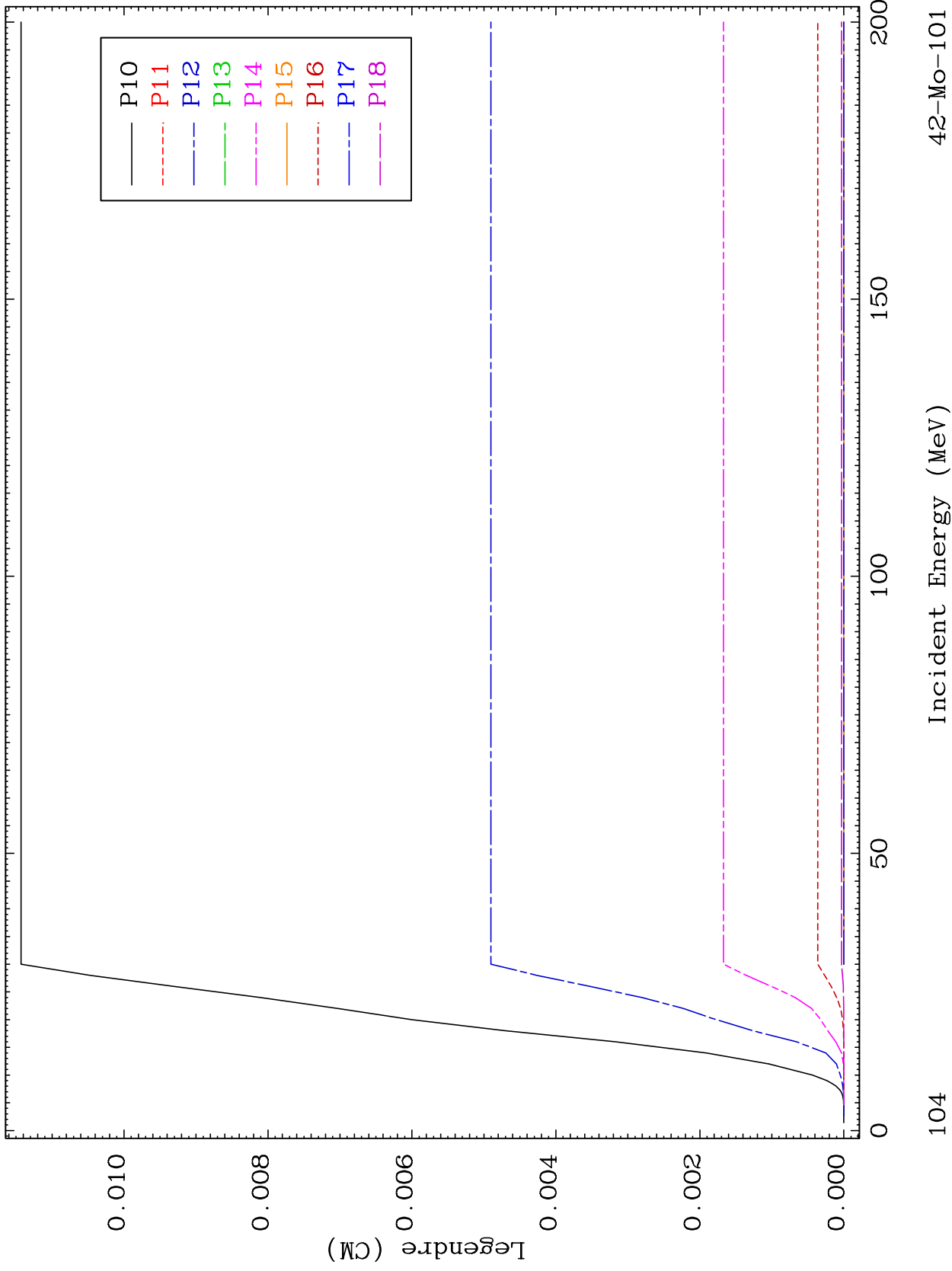
42-Mo-101



MAT 4252

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

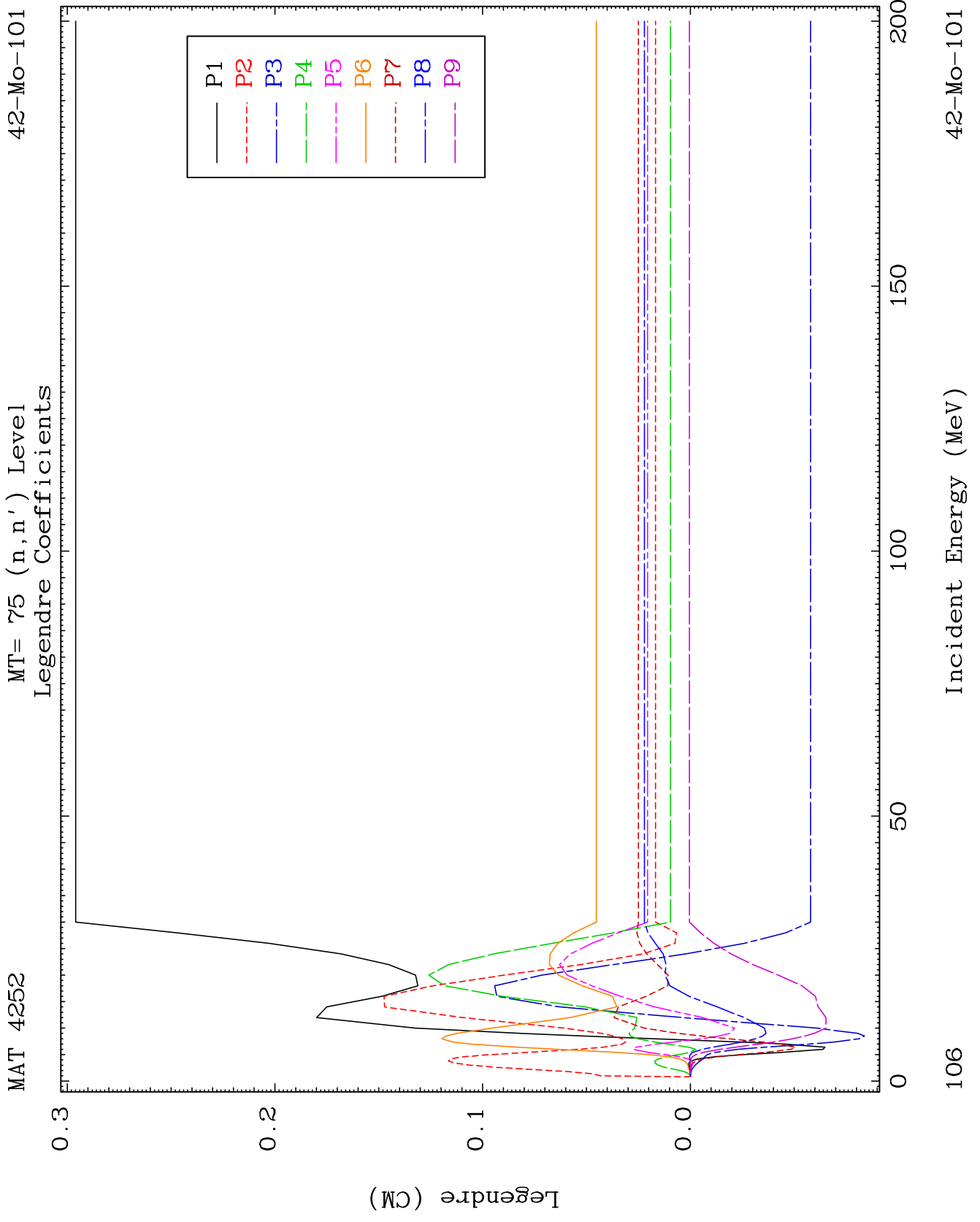
42-Mo-101



104

Incident Energy (MeV)

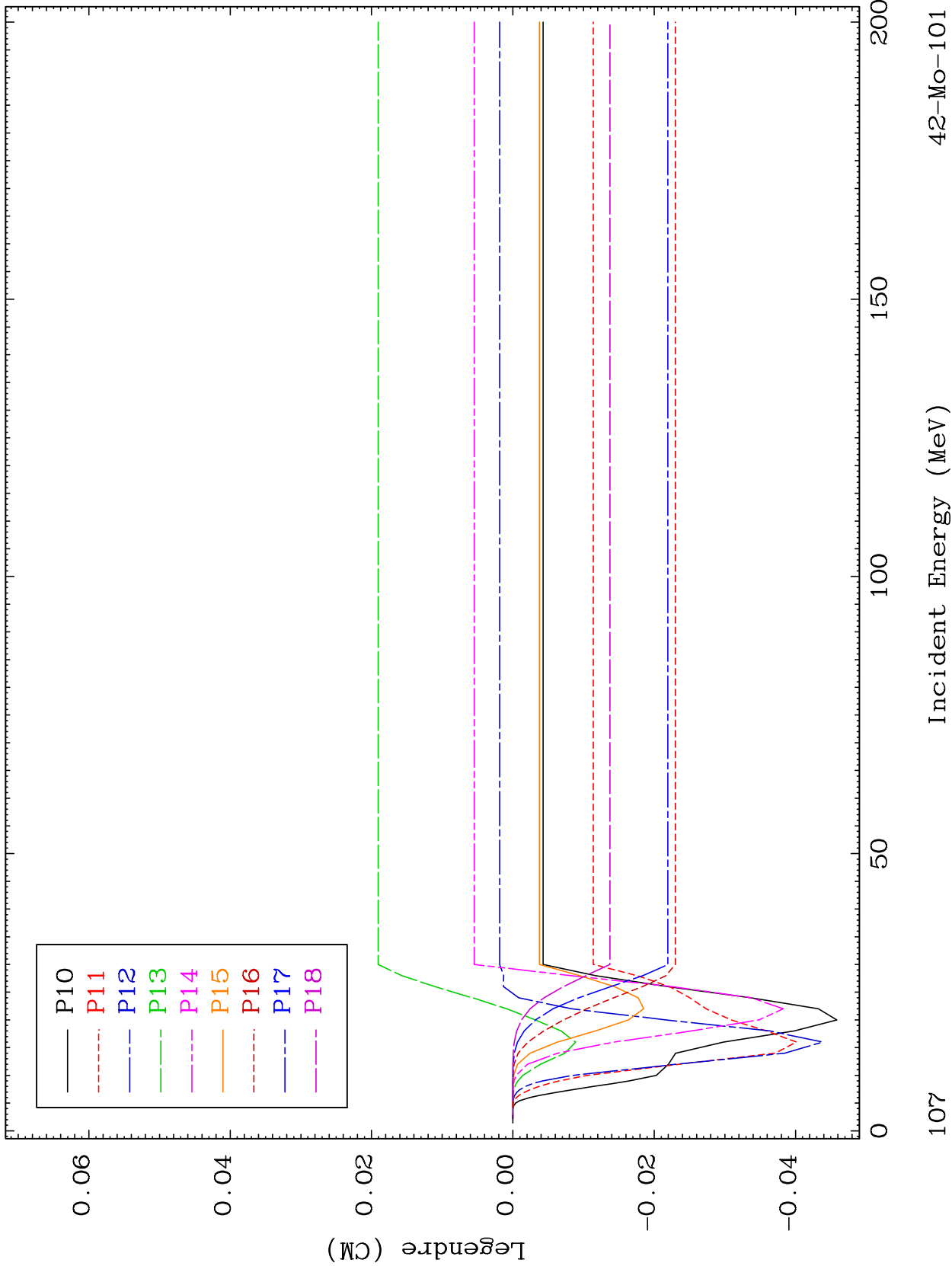
42-Mo-101



MAT 4252

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

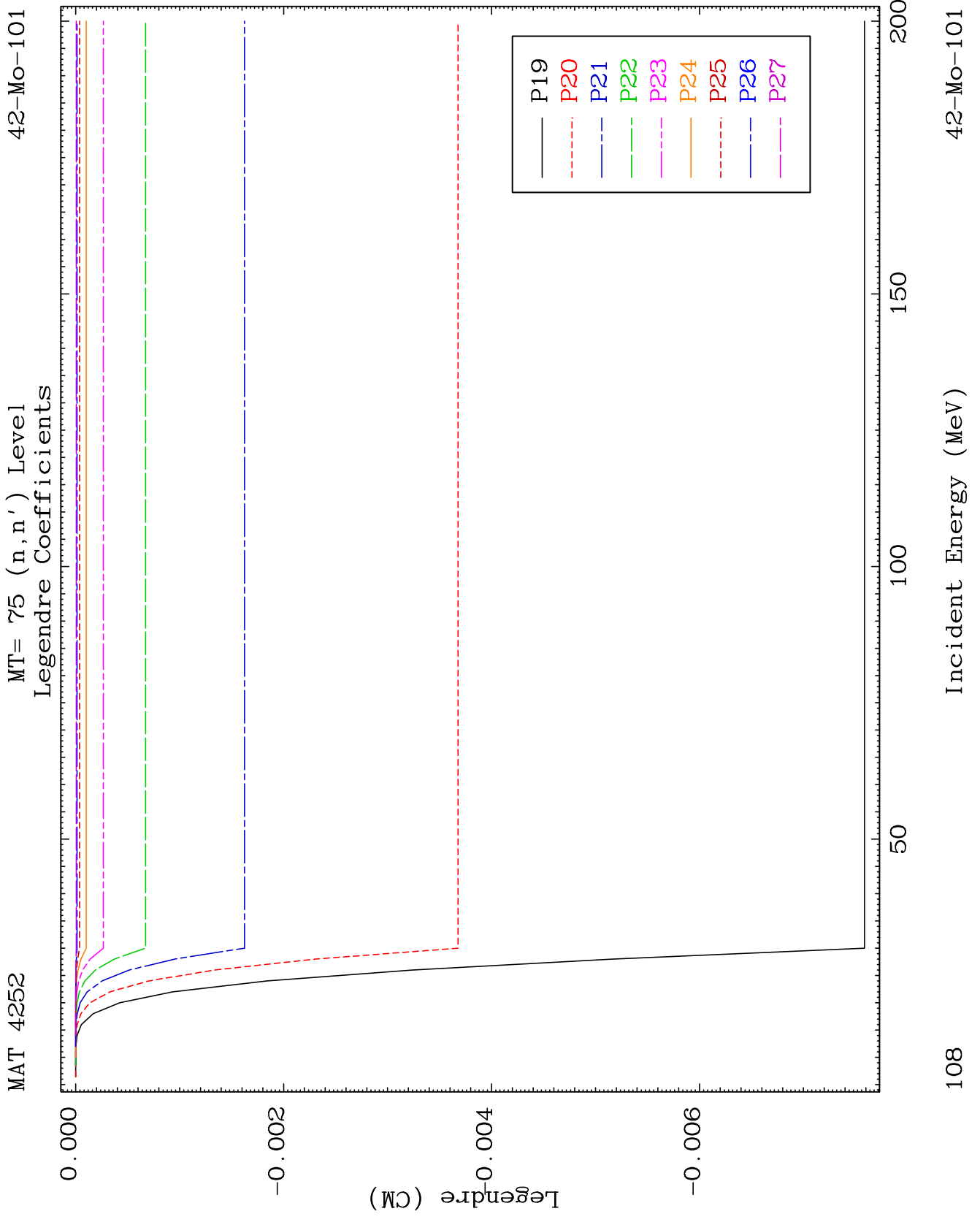
42-Mo-101

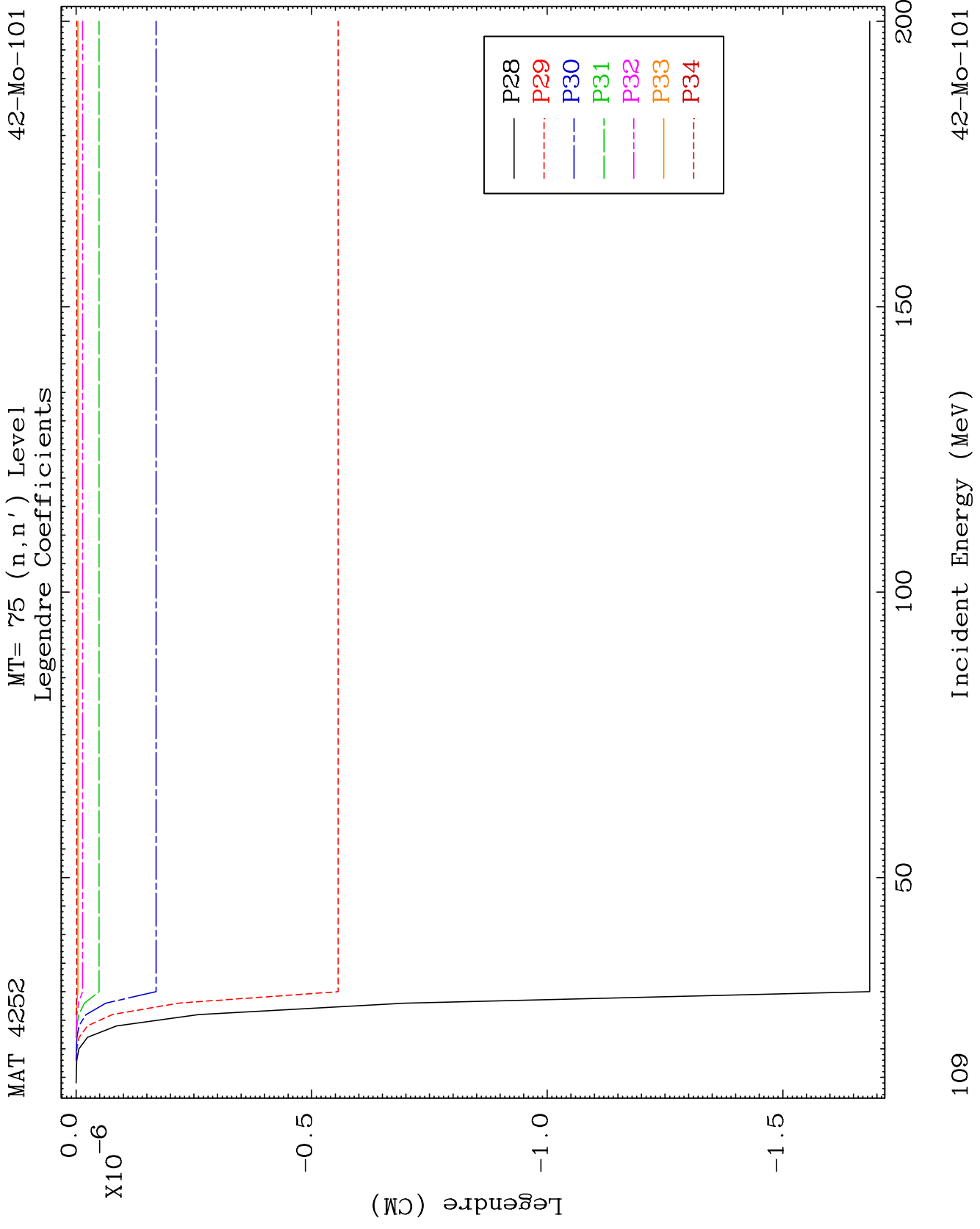


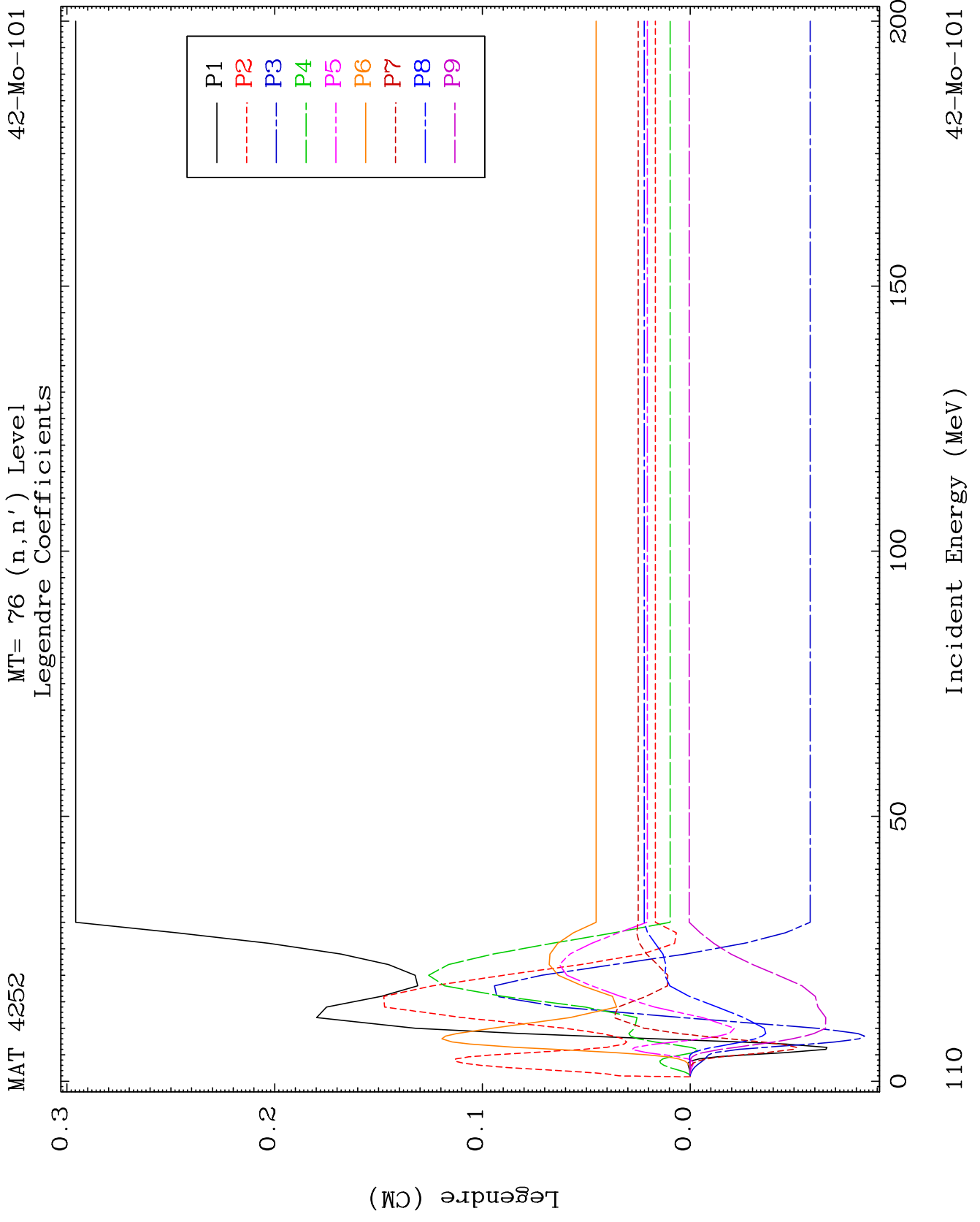
107

Incident Energy (MeV)

42-Mo-101



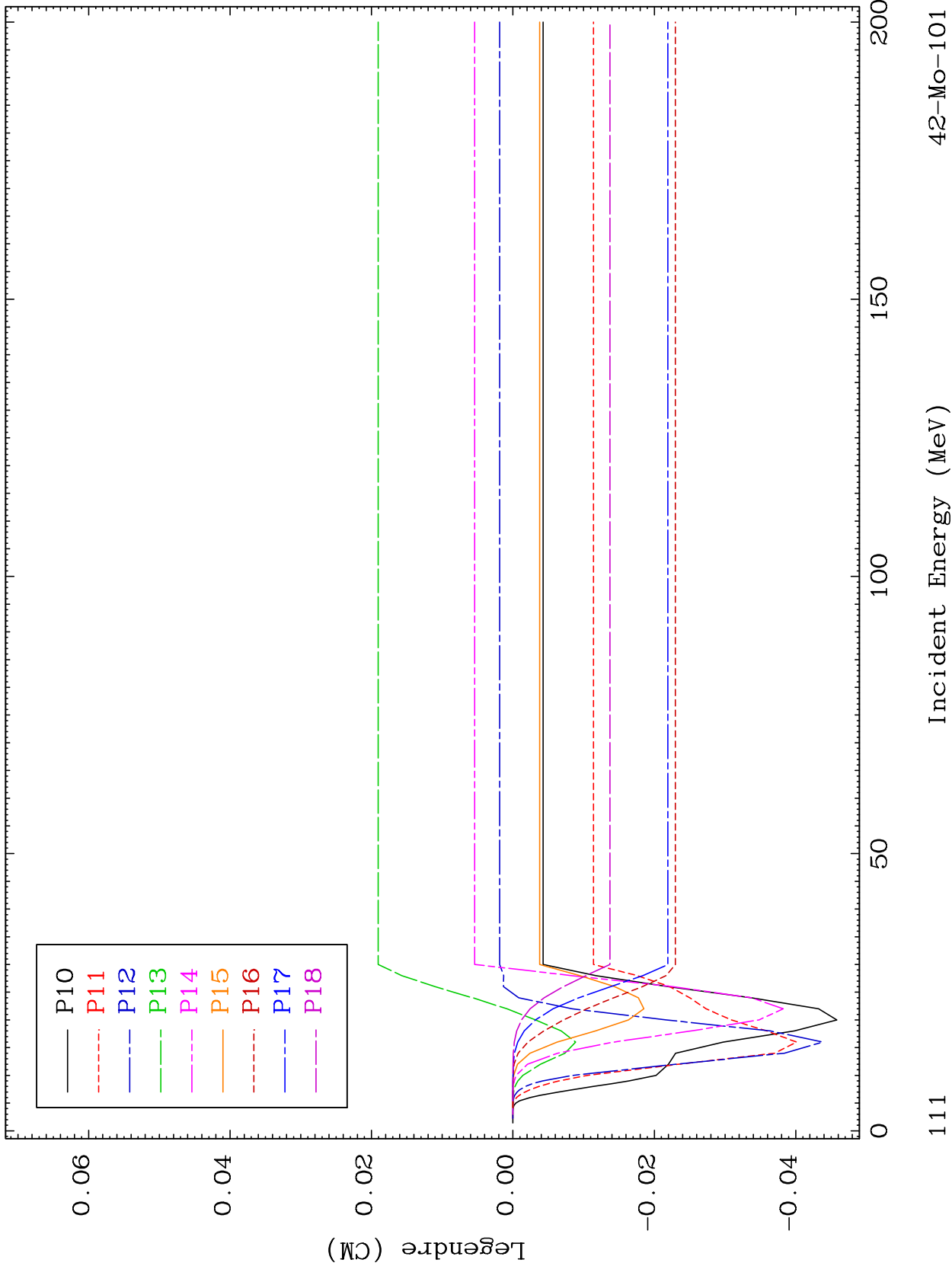




MAT 4252

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

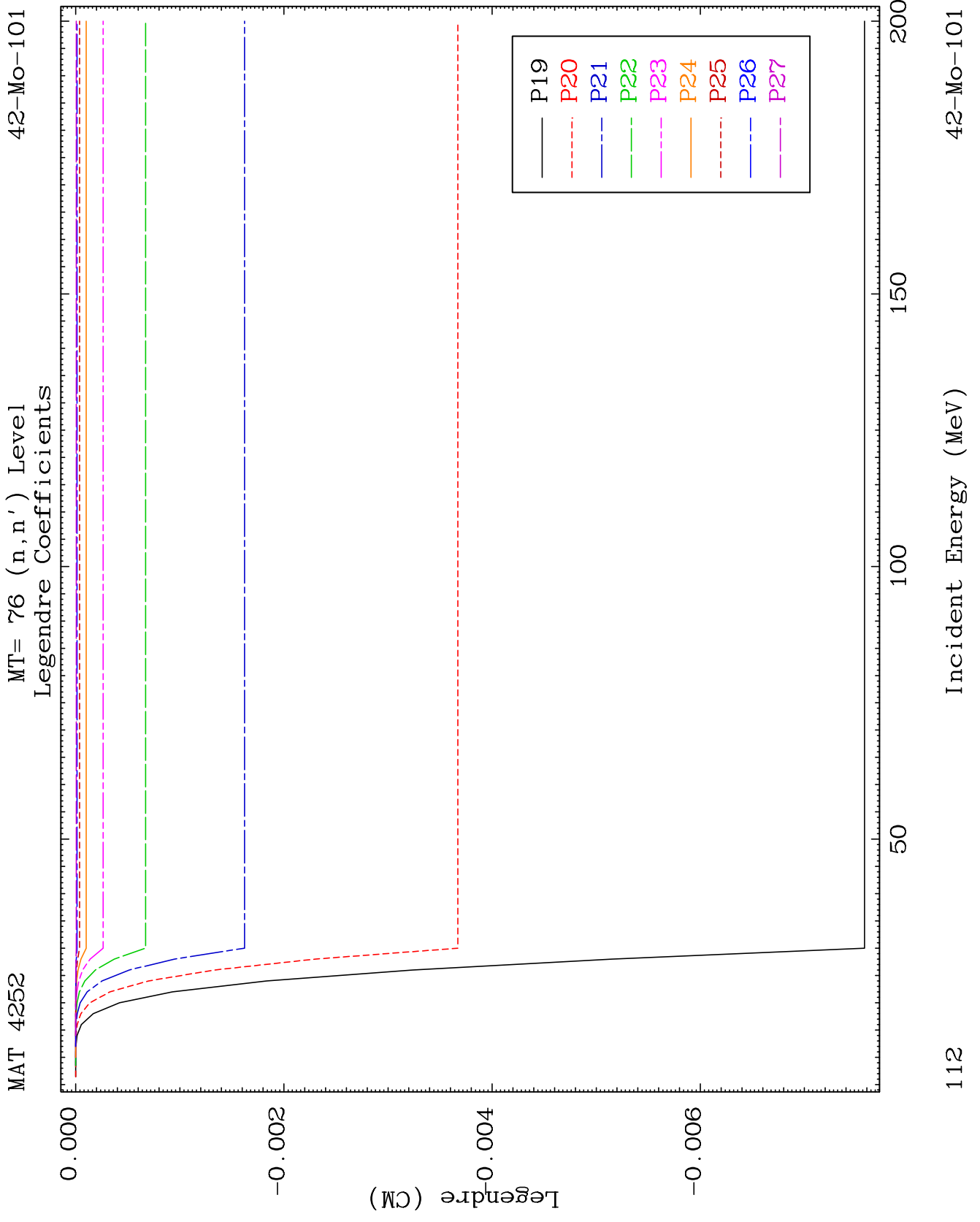
42-Mo-101

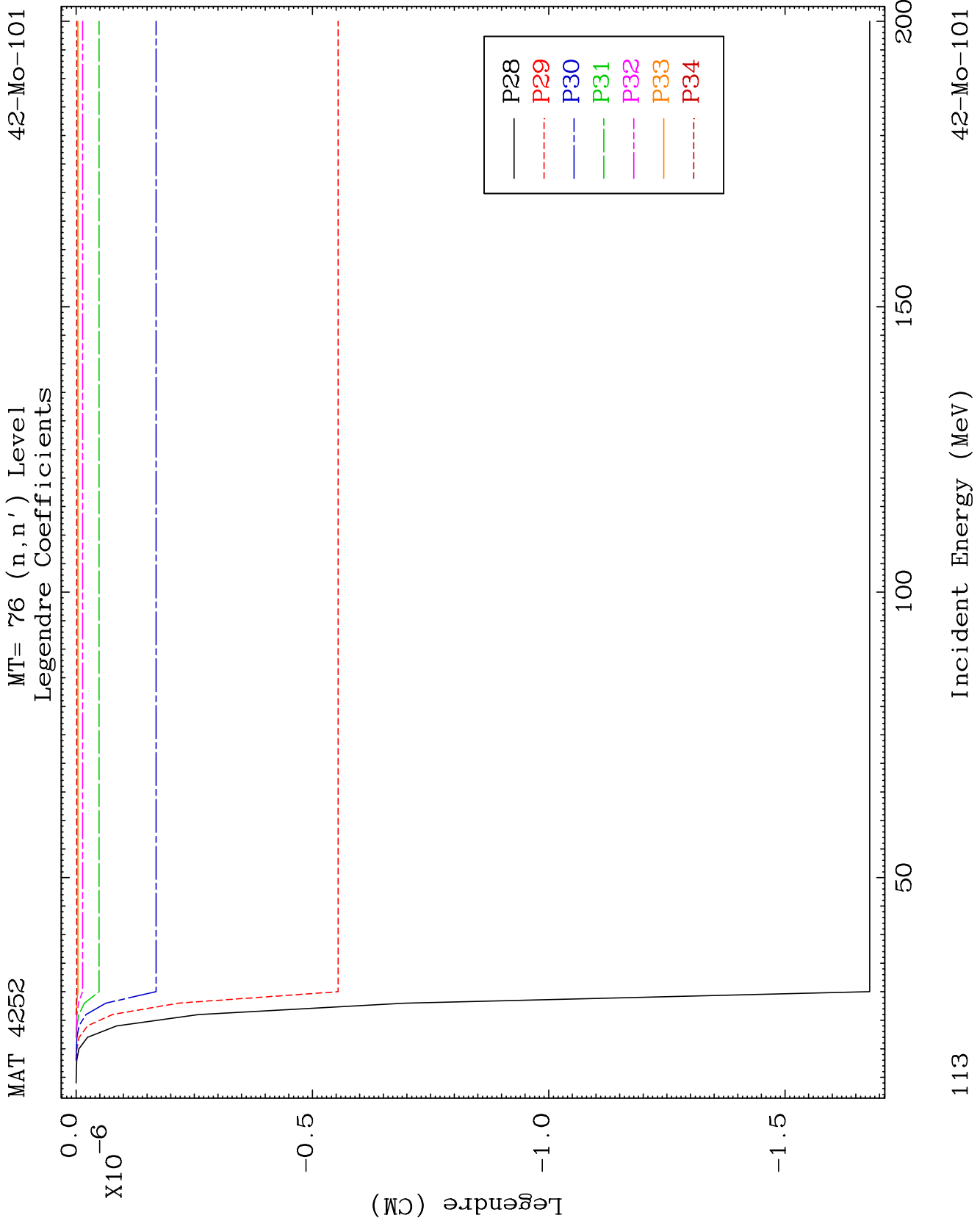


42-Mo-101

Incident Energy (MeV)

111



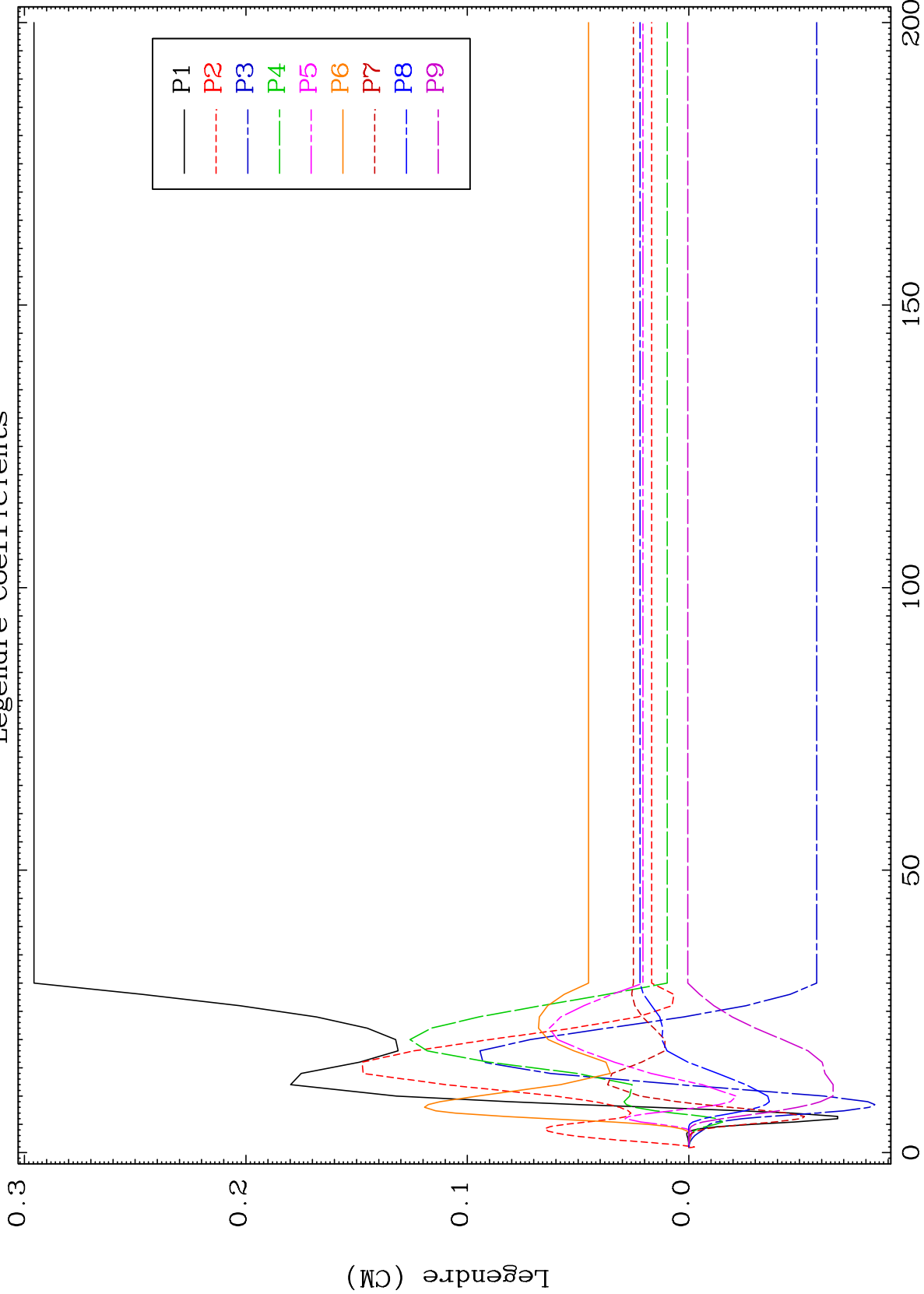


MAT 4252

MT= 77 (n,n') Level

42-Mo-101

Legendre Coefficients



114

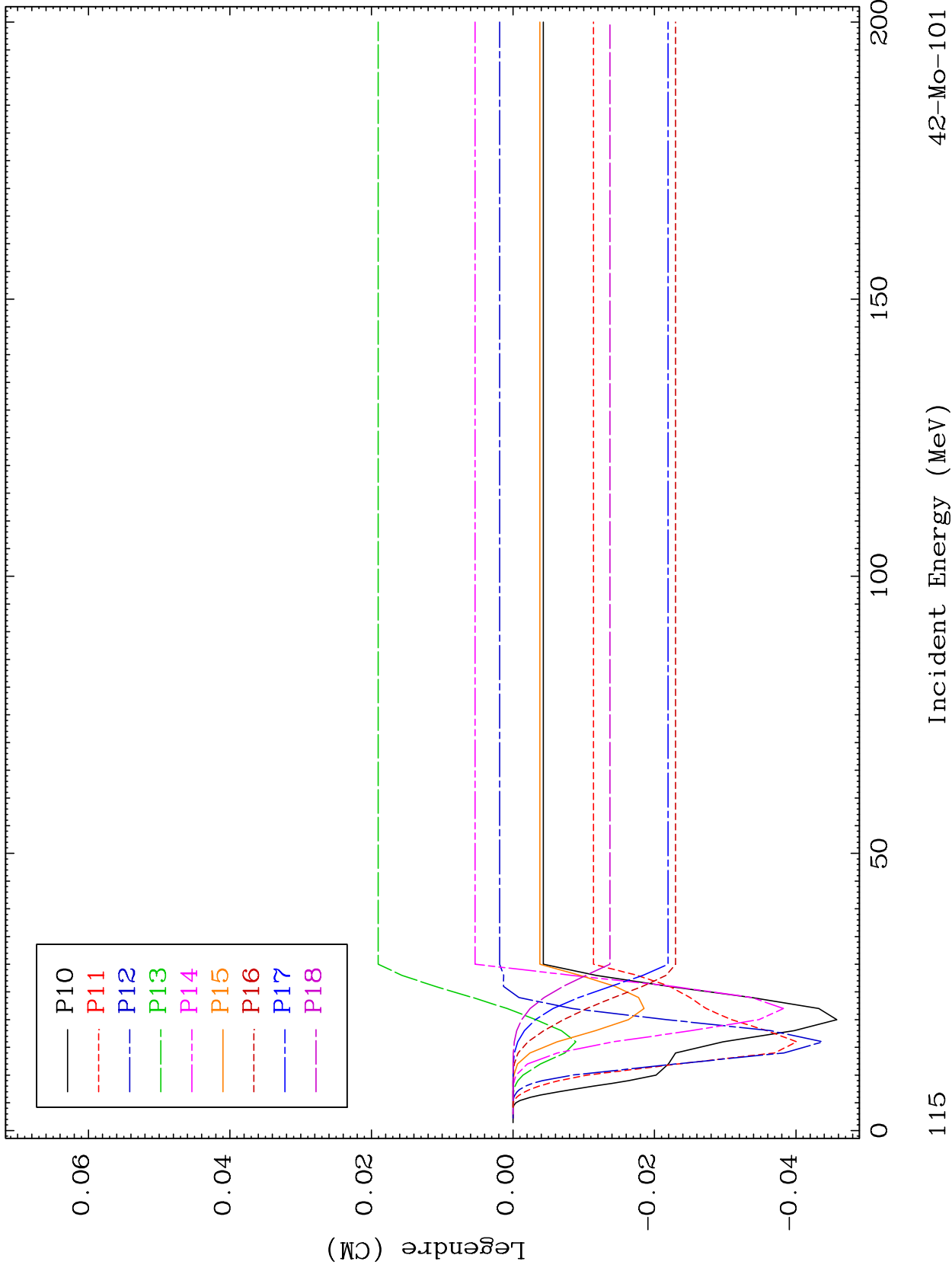
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

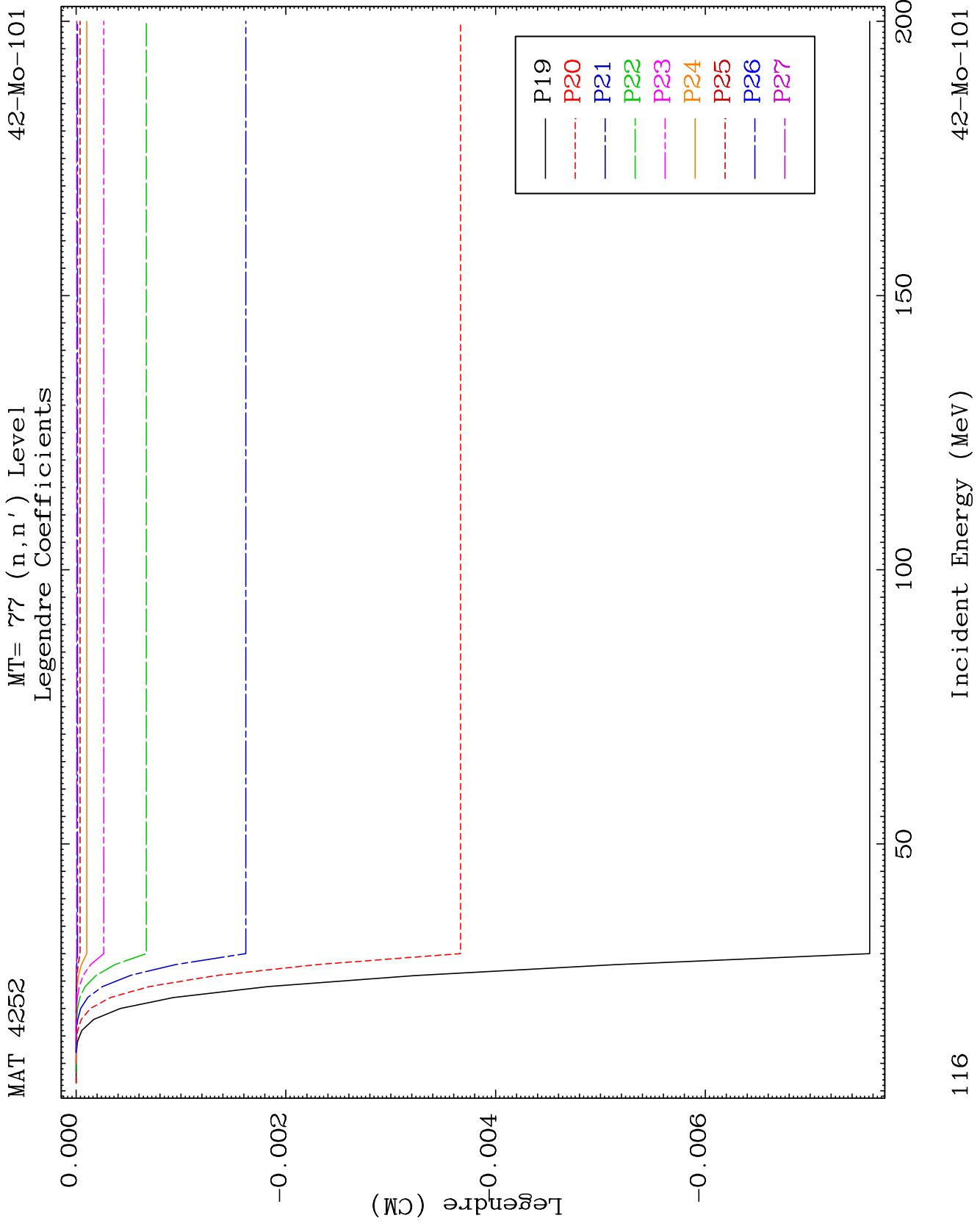
42-Mo-101

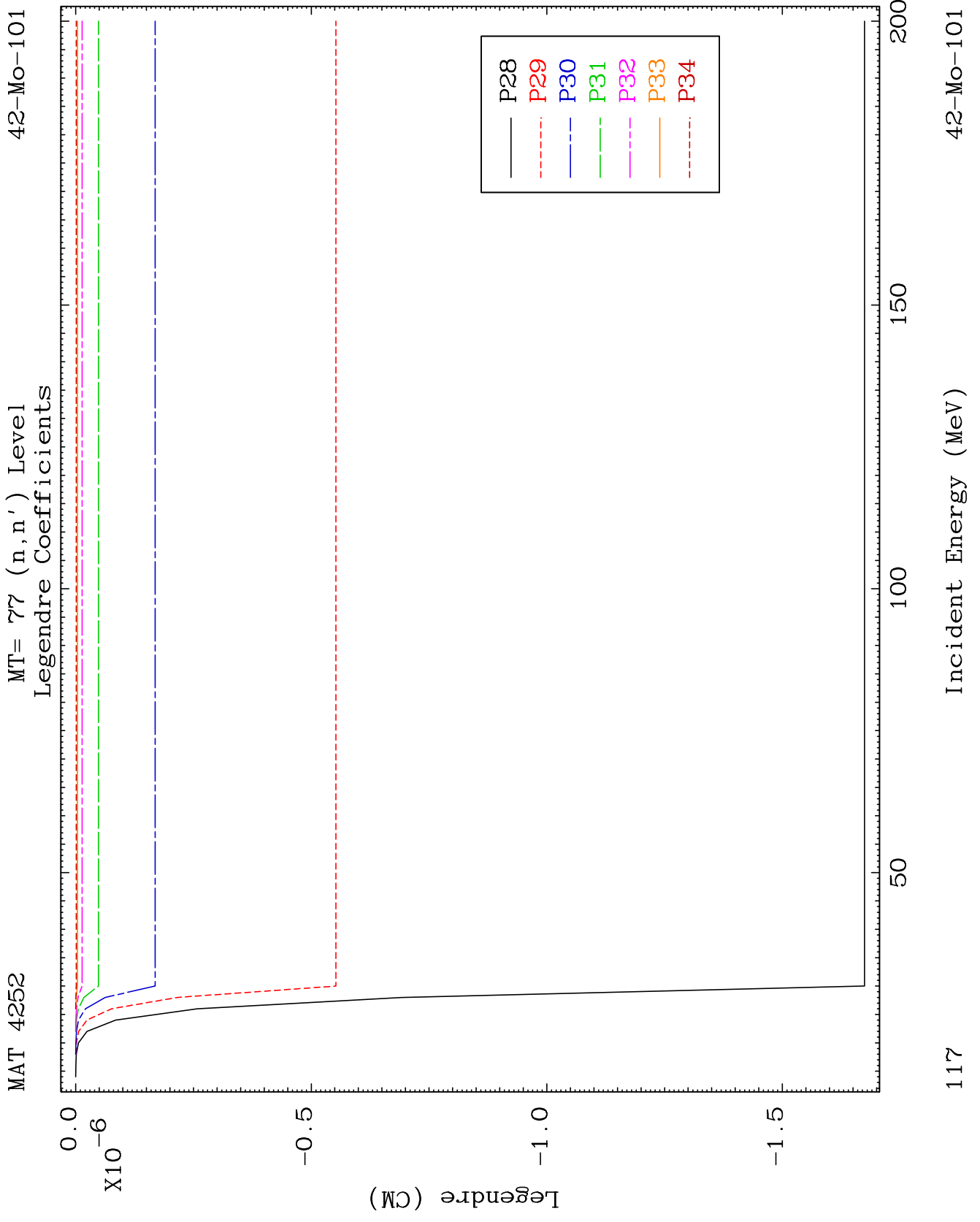


115

Incident Energy (MeV)

42-Mo-101

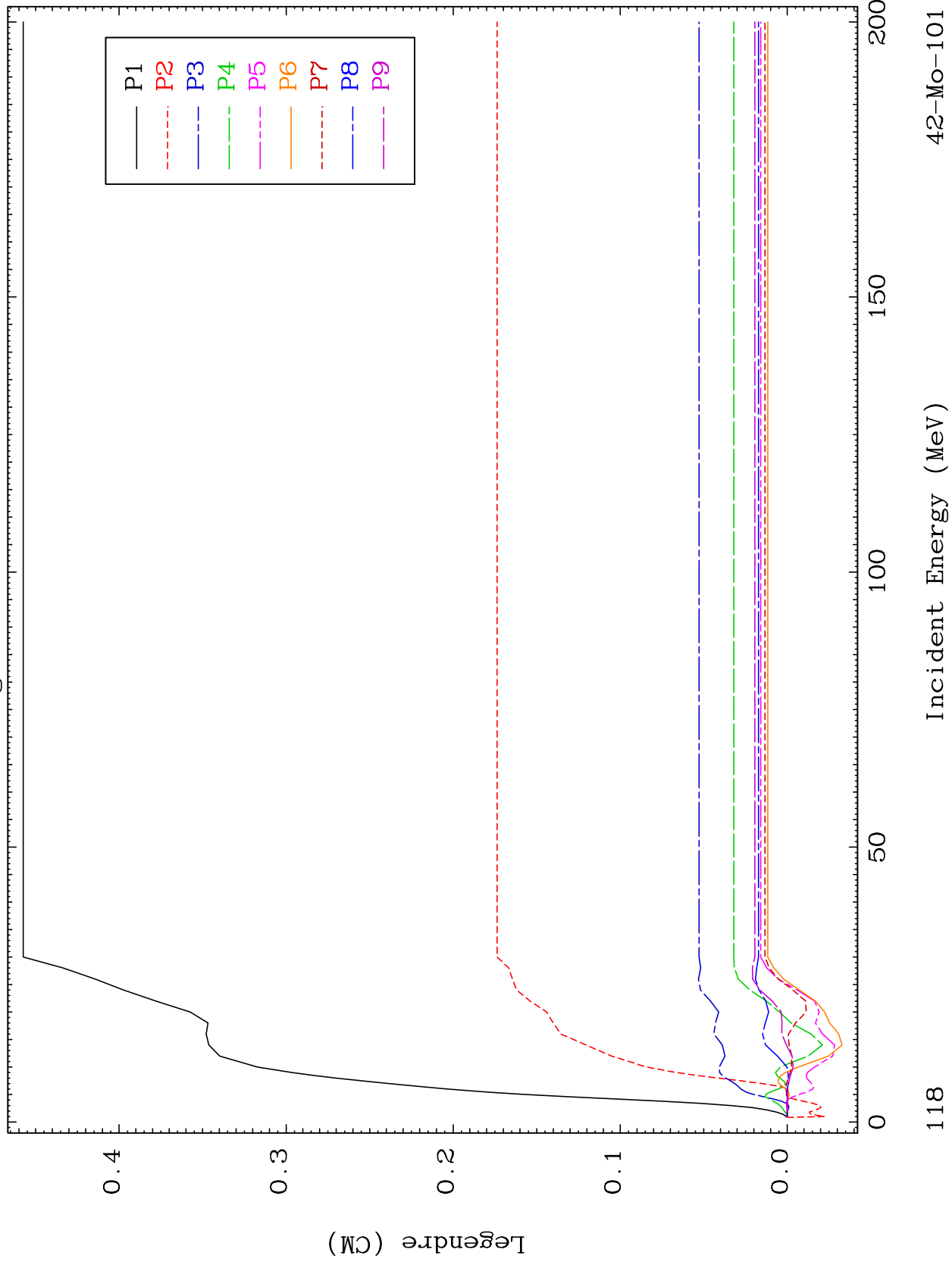




MAT 4252

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

42-Mo-101



42-Mo-101

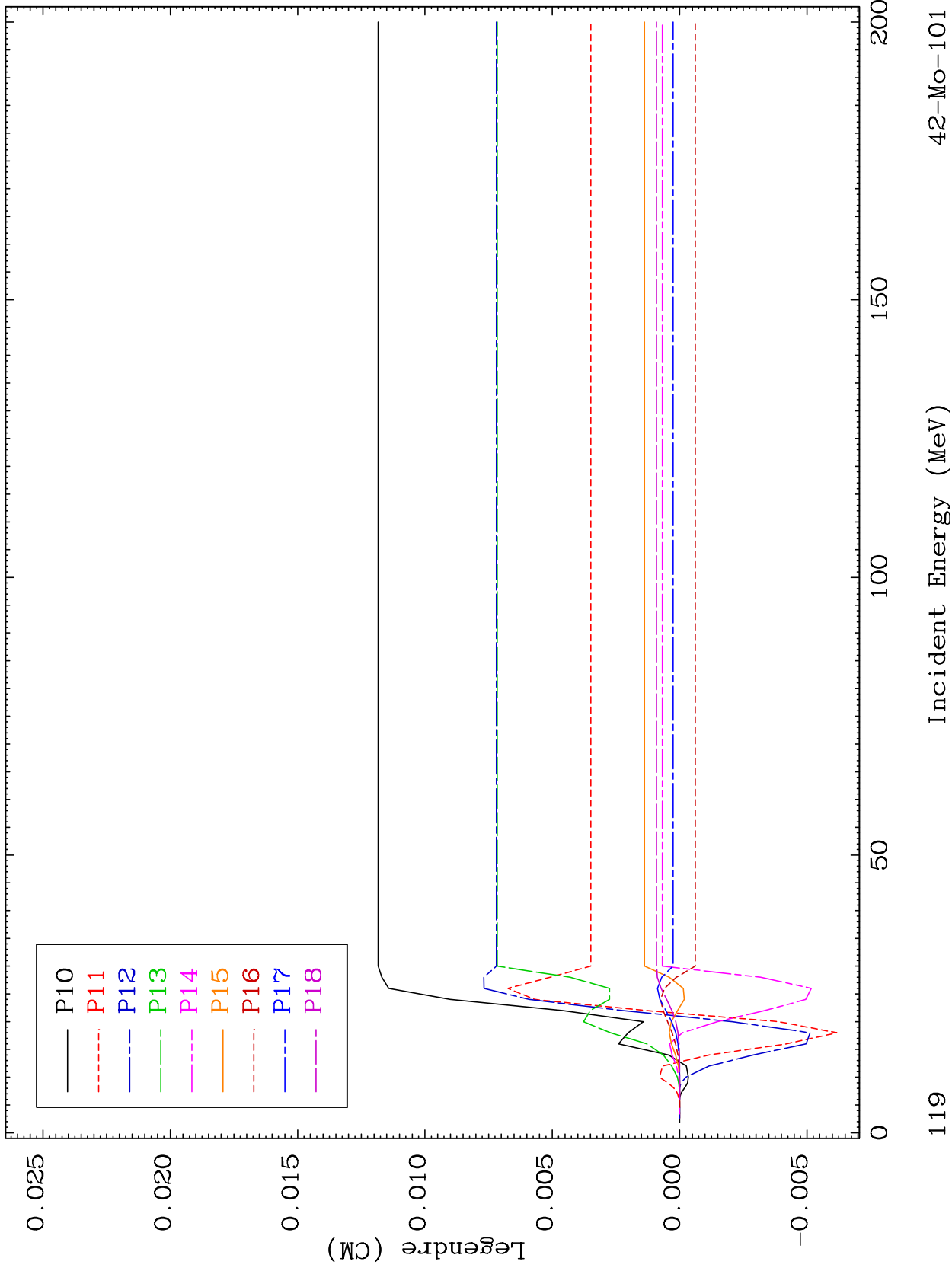
Incident Energy (MeV)

118

MAT 4252

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

42-Mo-101



119

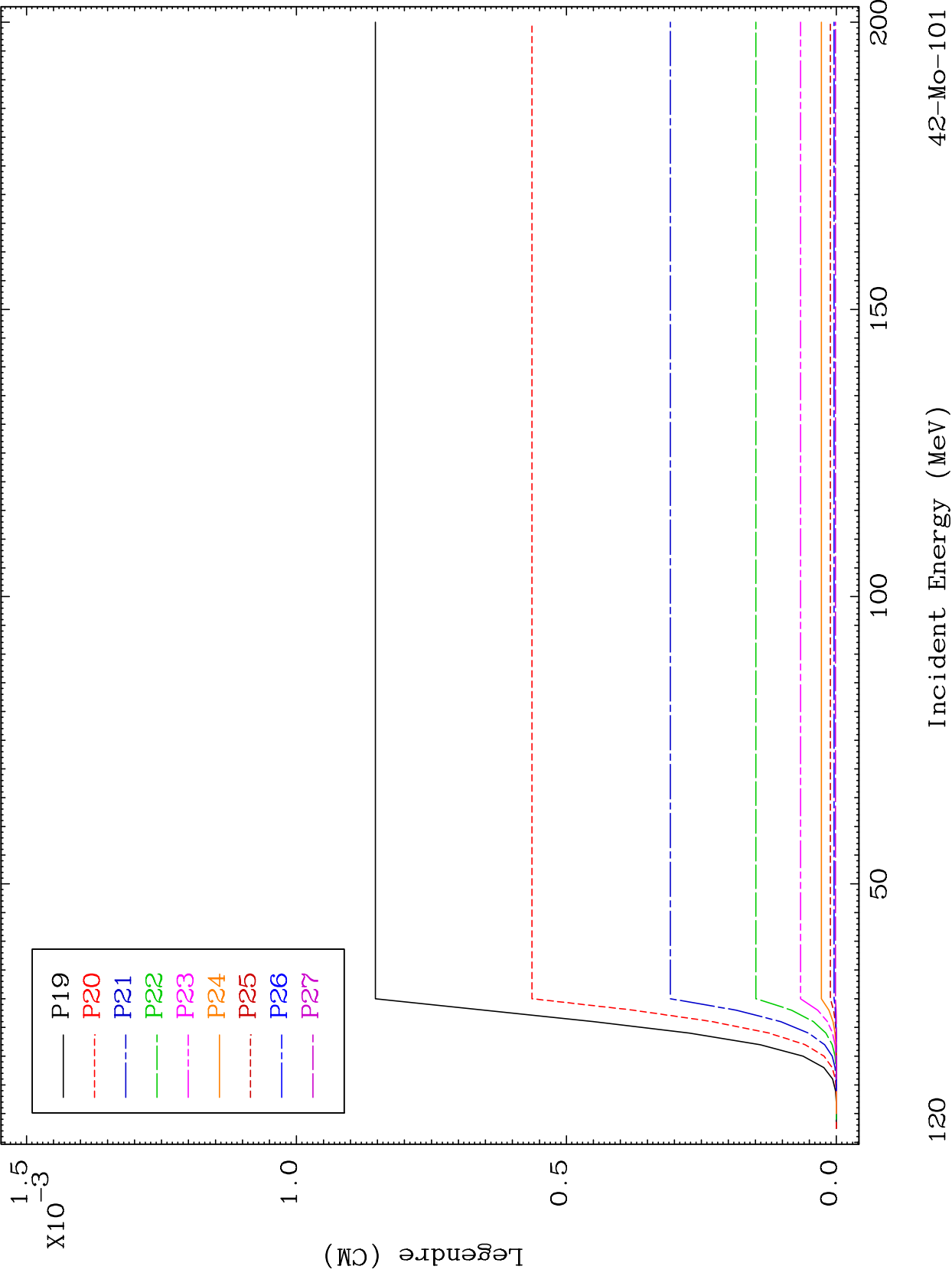
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



120

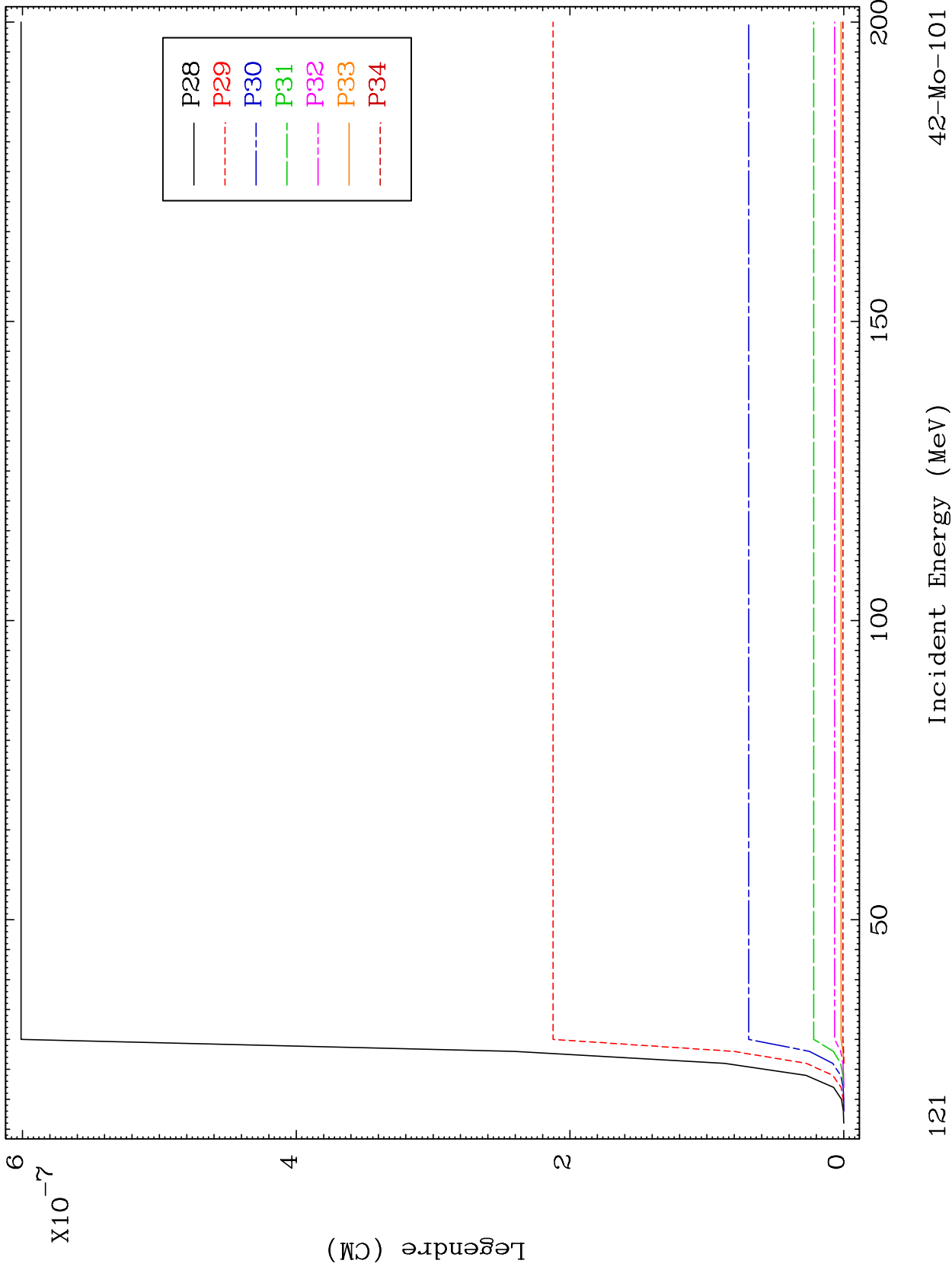
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

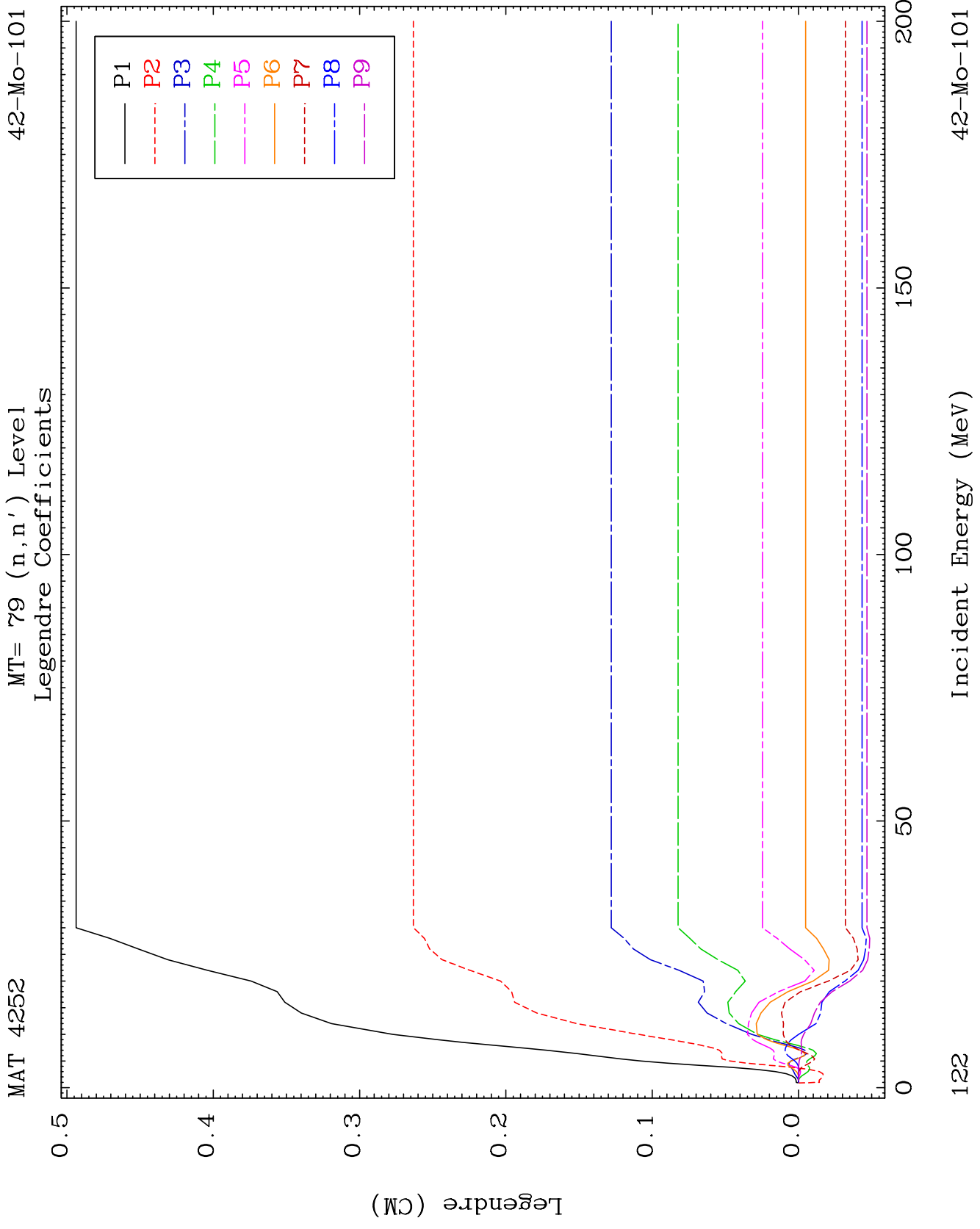
42-Mo-101



121

Incident Energy (MeV)

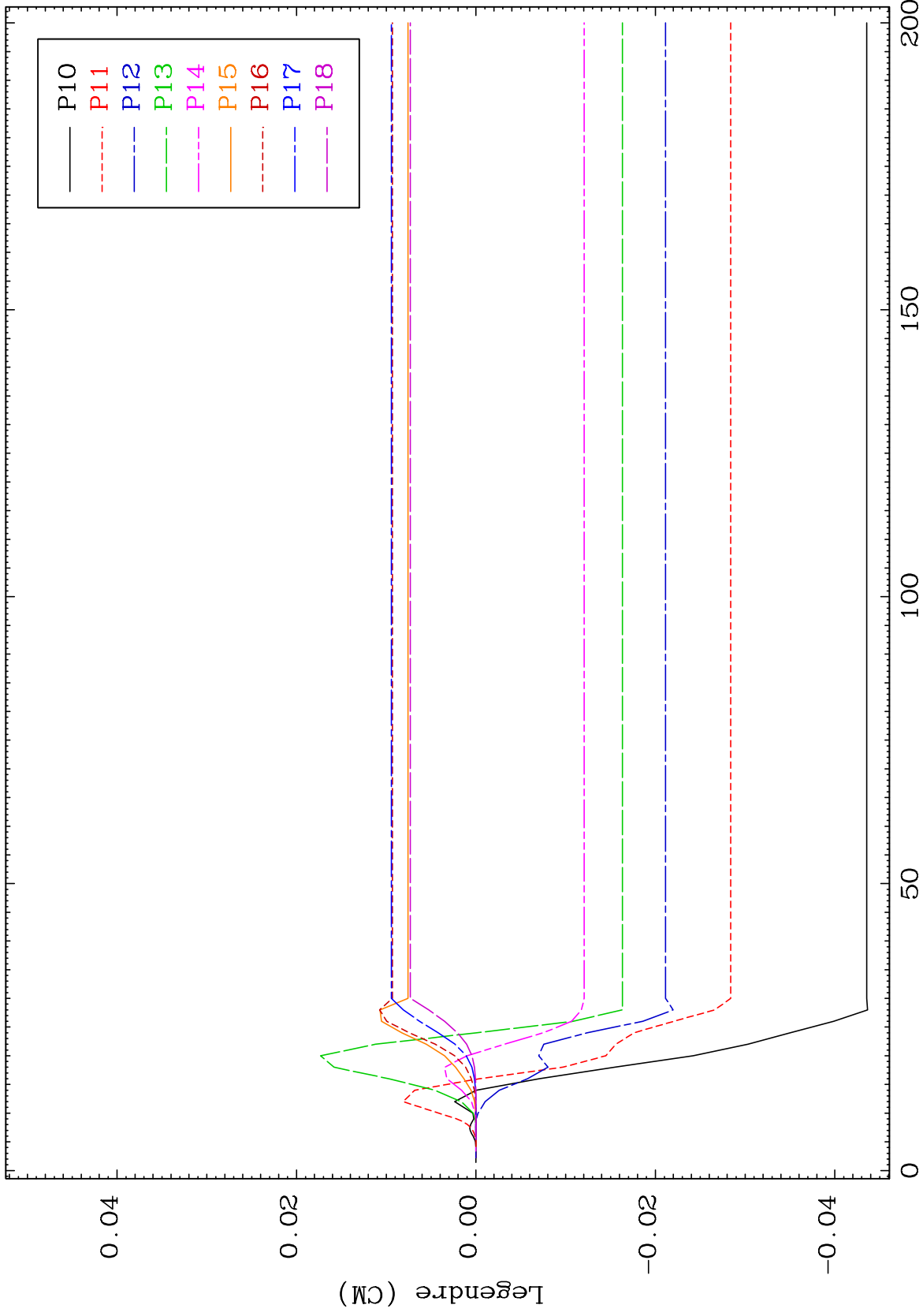
42-Mo-101



MAT 4252

MT= 79 (n,n') Level
Legendre Coefficients

42-Mo-101



123

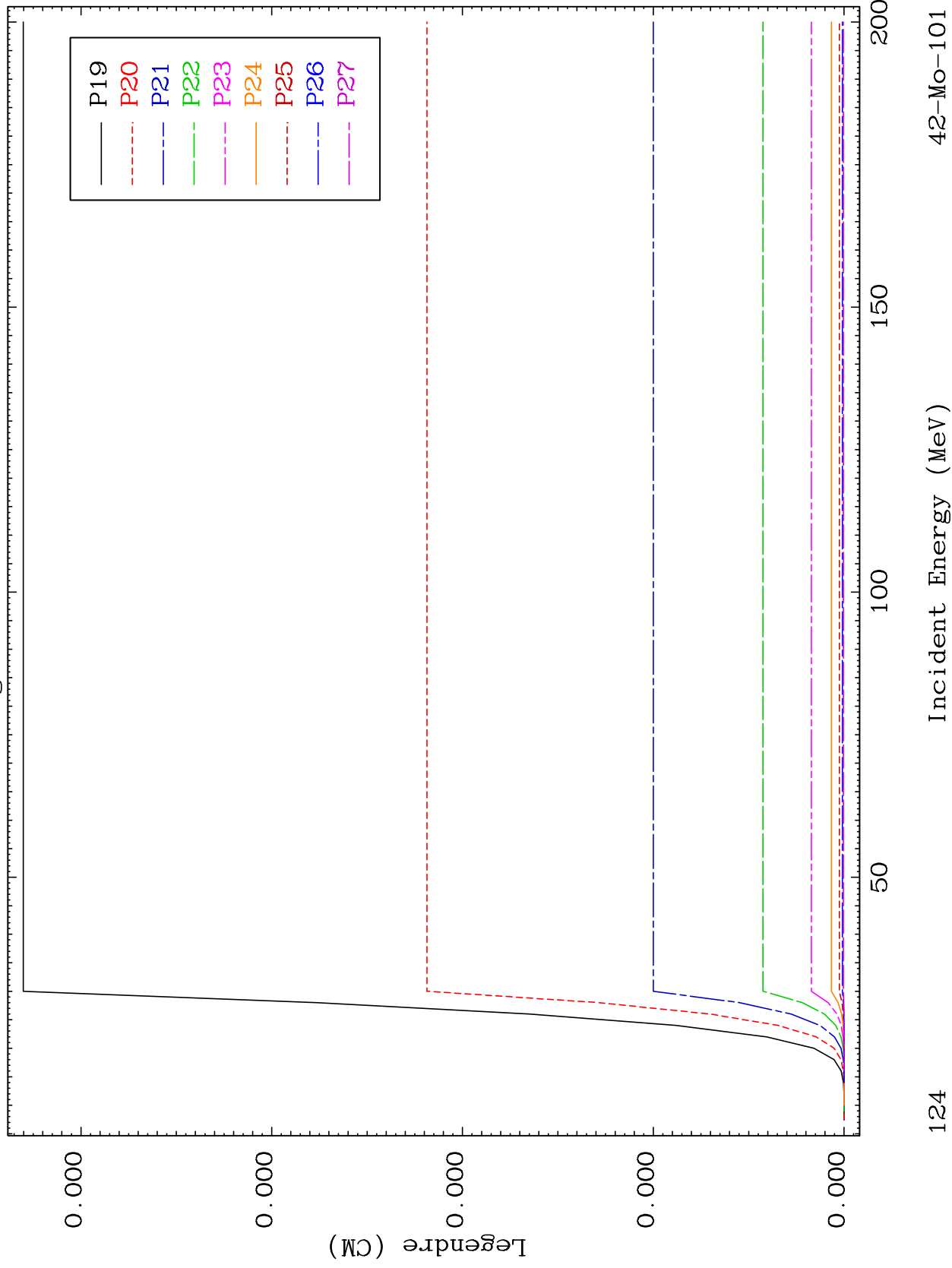
Incident Energy (MeV)

42-Mo-101

MAT 4252

MT= 79 (n,n') Level
Legendre Coefficients

42-Mo-101



124

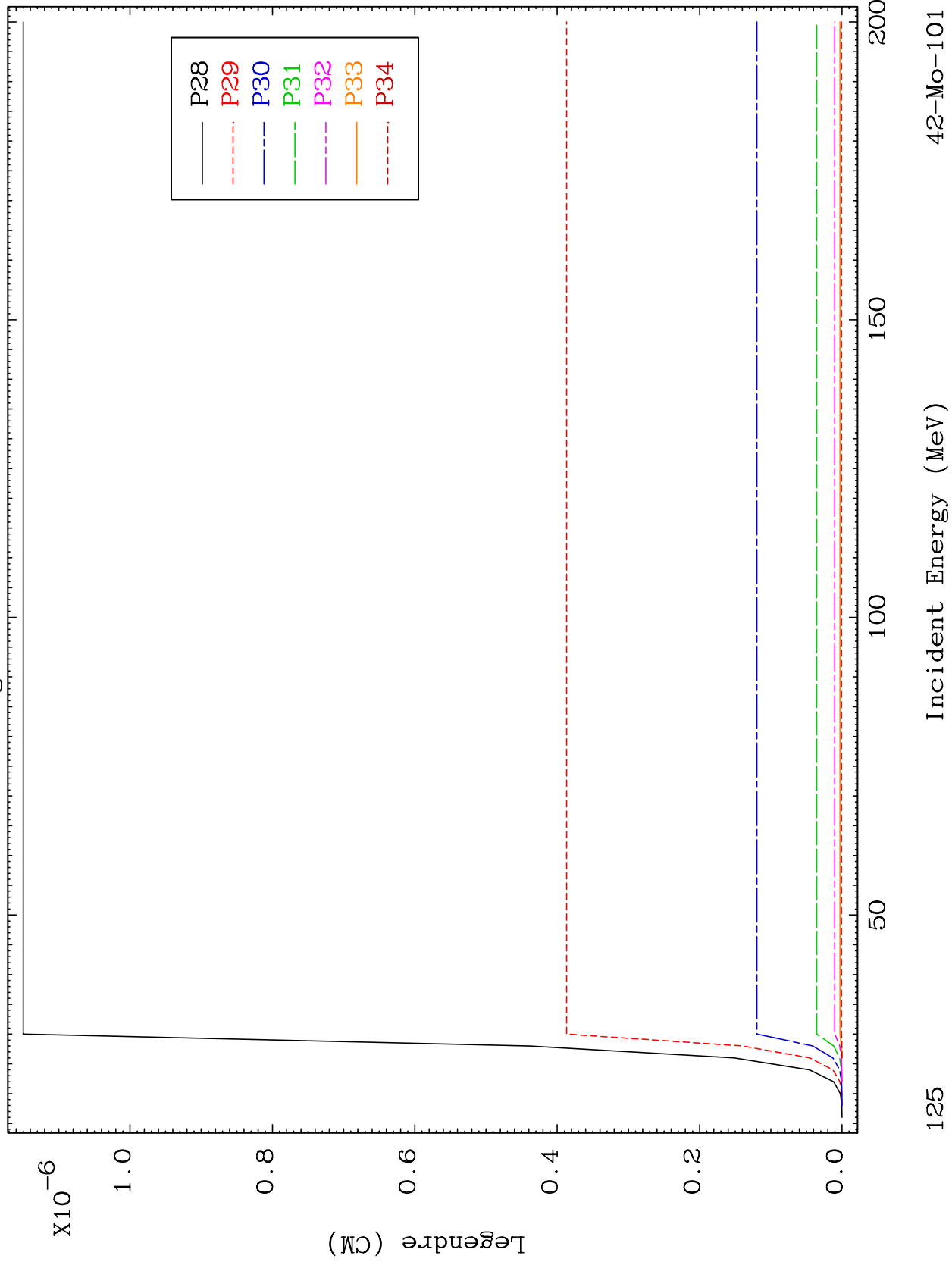
Incident Energy (MeV)

42-Mo-101

MAT 4252

MT= 79 (n,n') Level
Legendre Coefficients

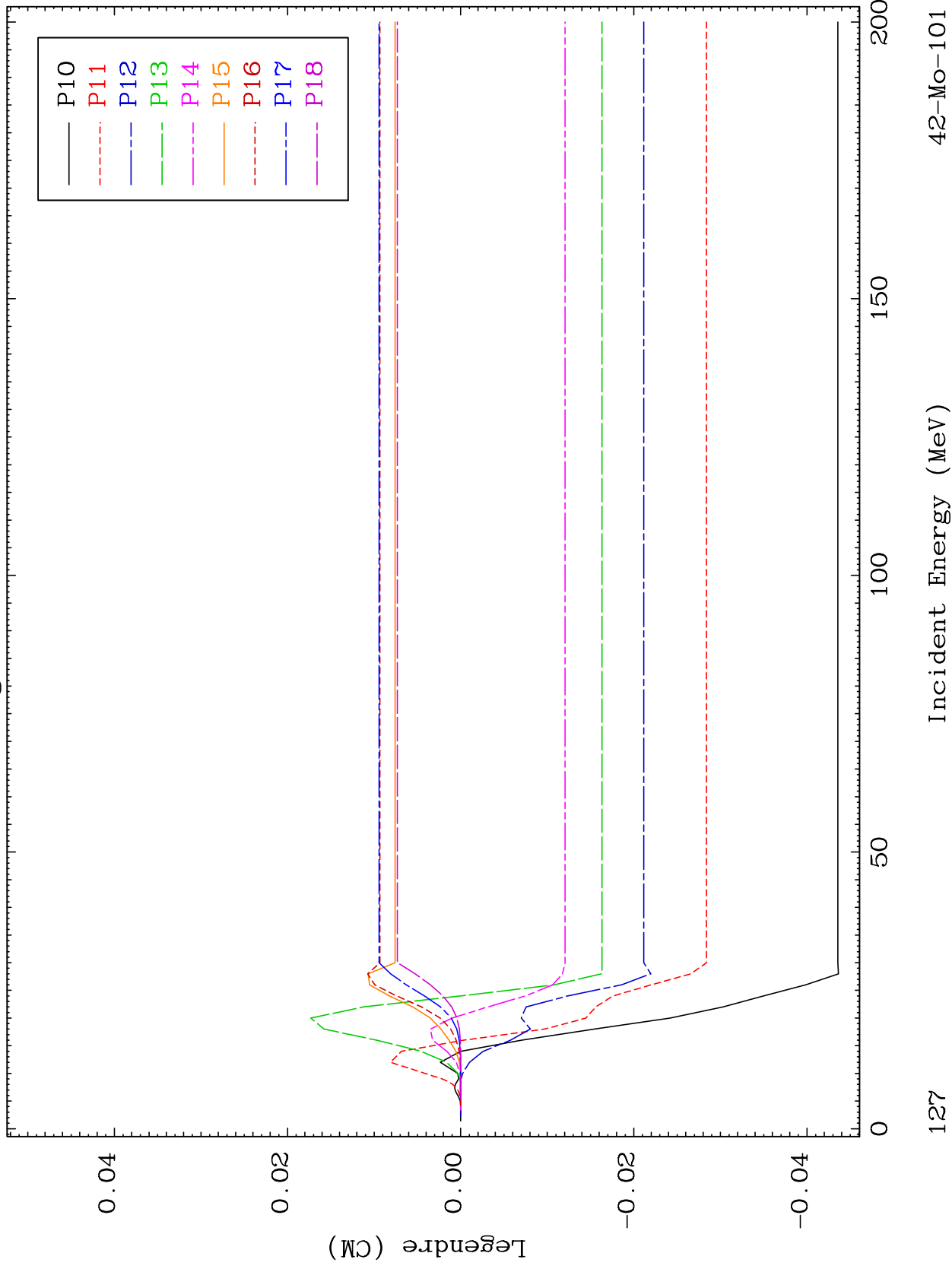
42-Mo-101



MAT 4252

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

42-Mo-101



127

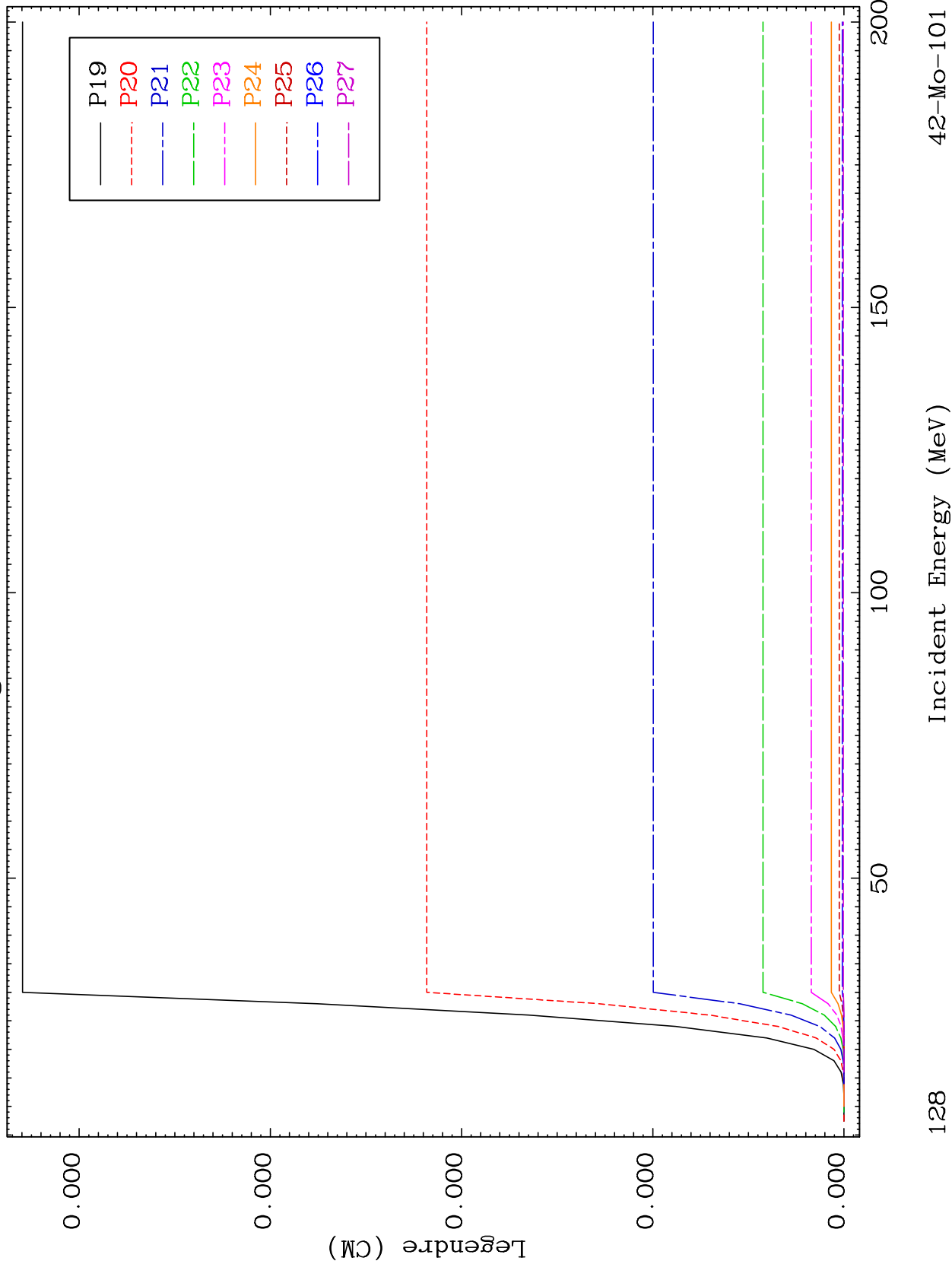
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



128

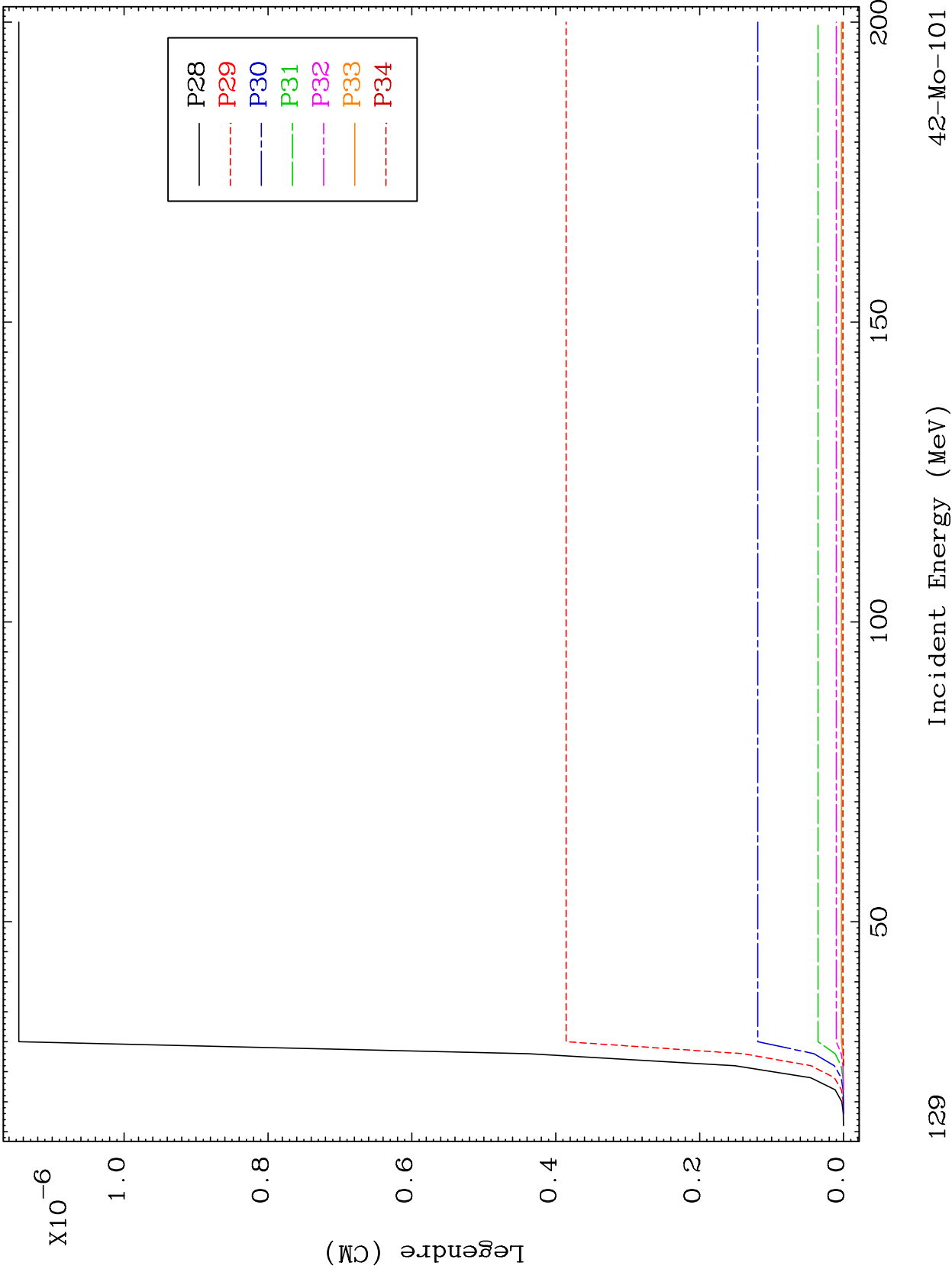
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



129

Incident Energy (MeV)

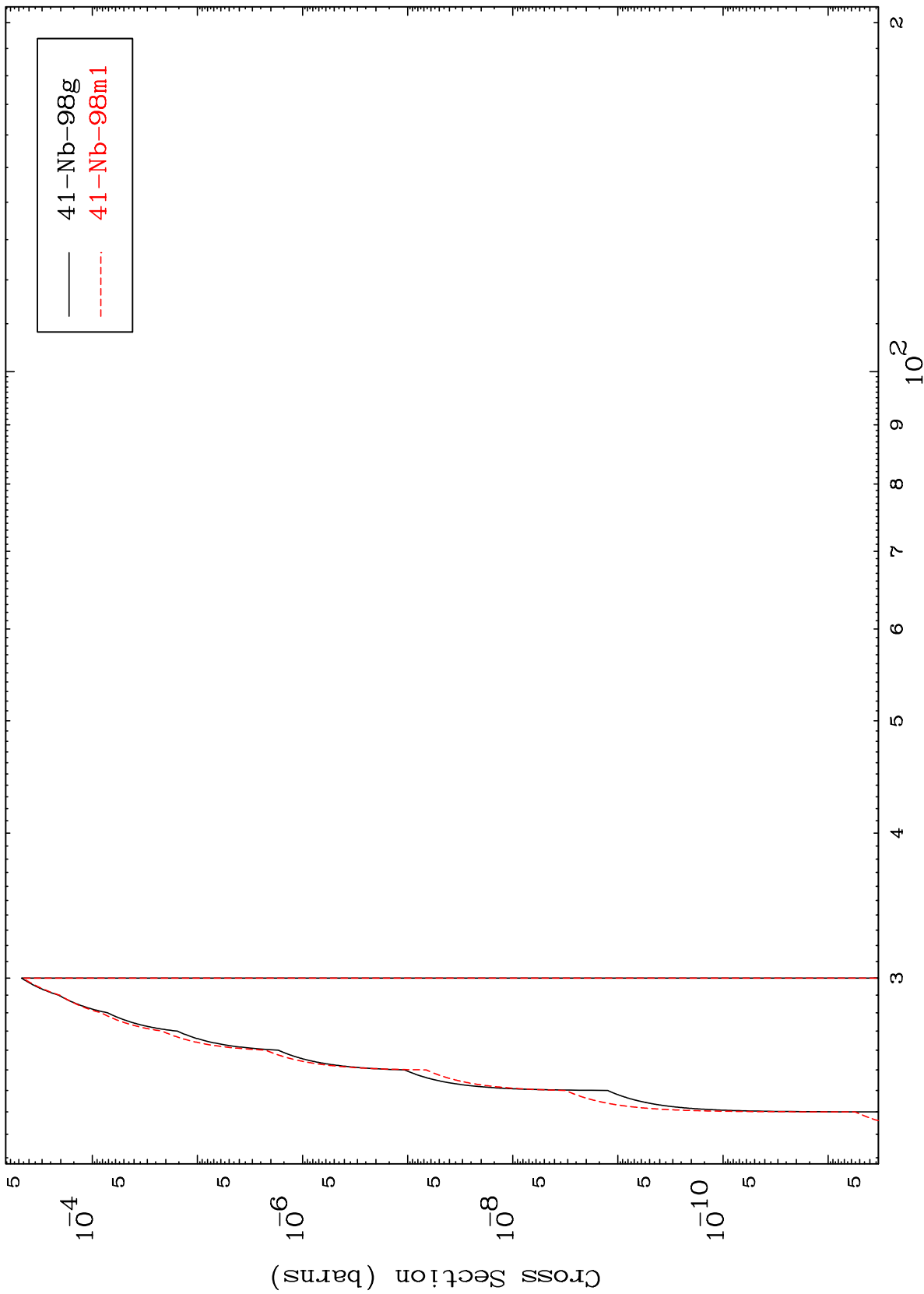
42-Mo-101

MAT 4252

(n,2n) d

42-Mo-101

Radionuclide Production Cross Section

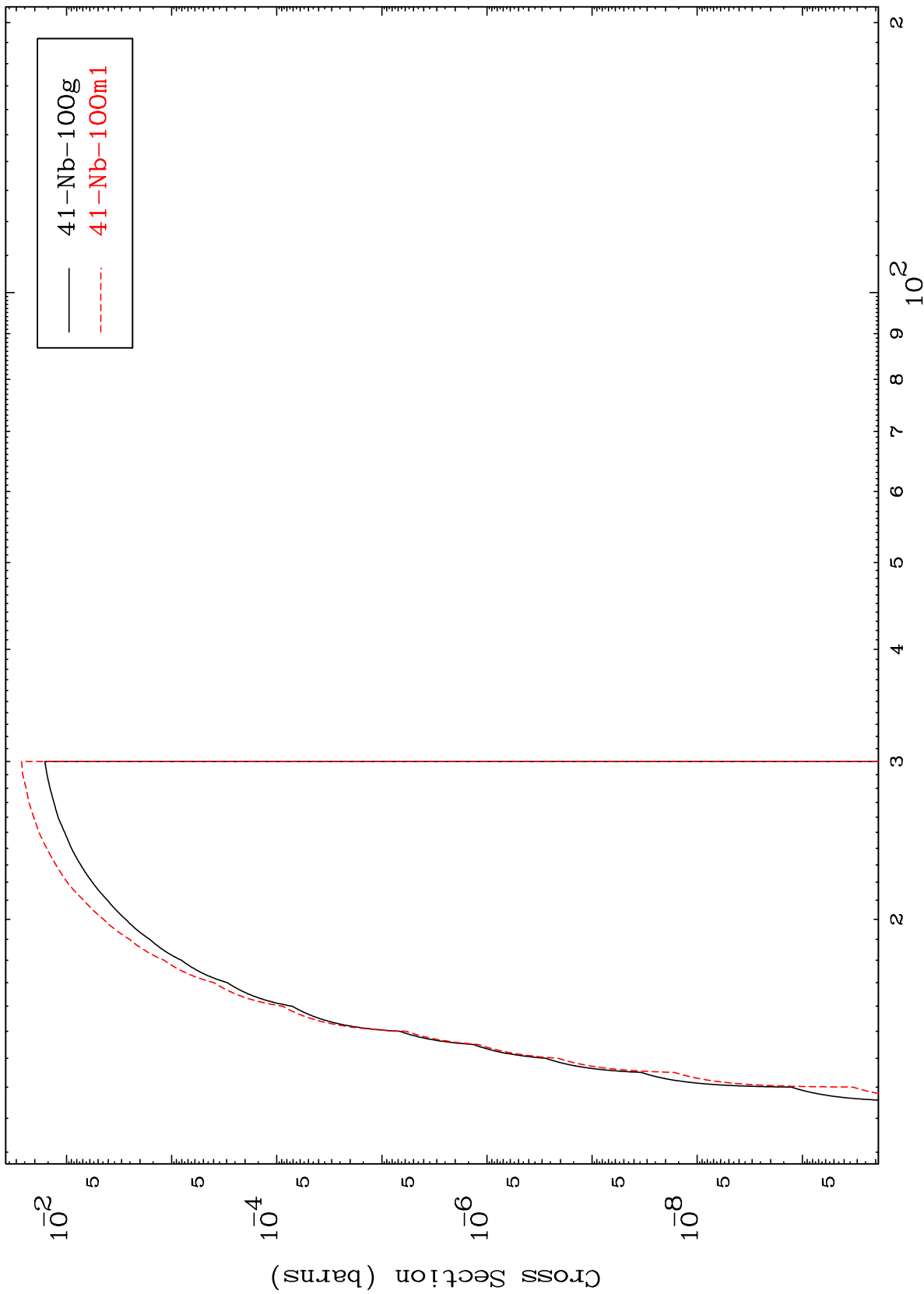


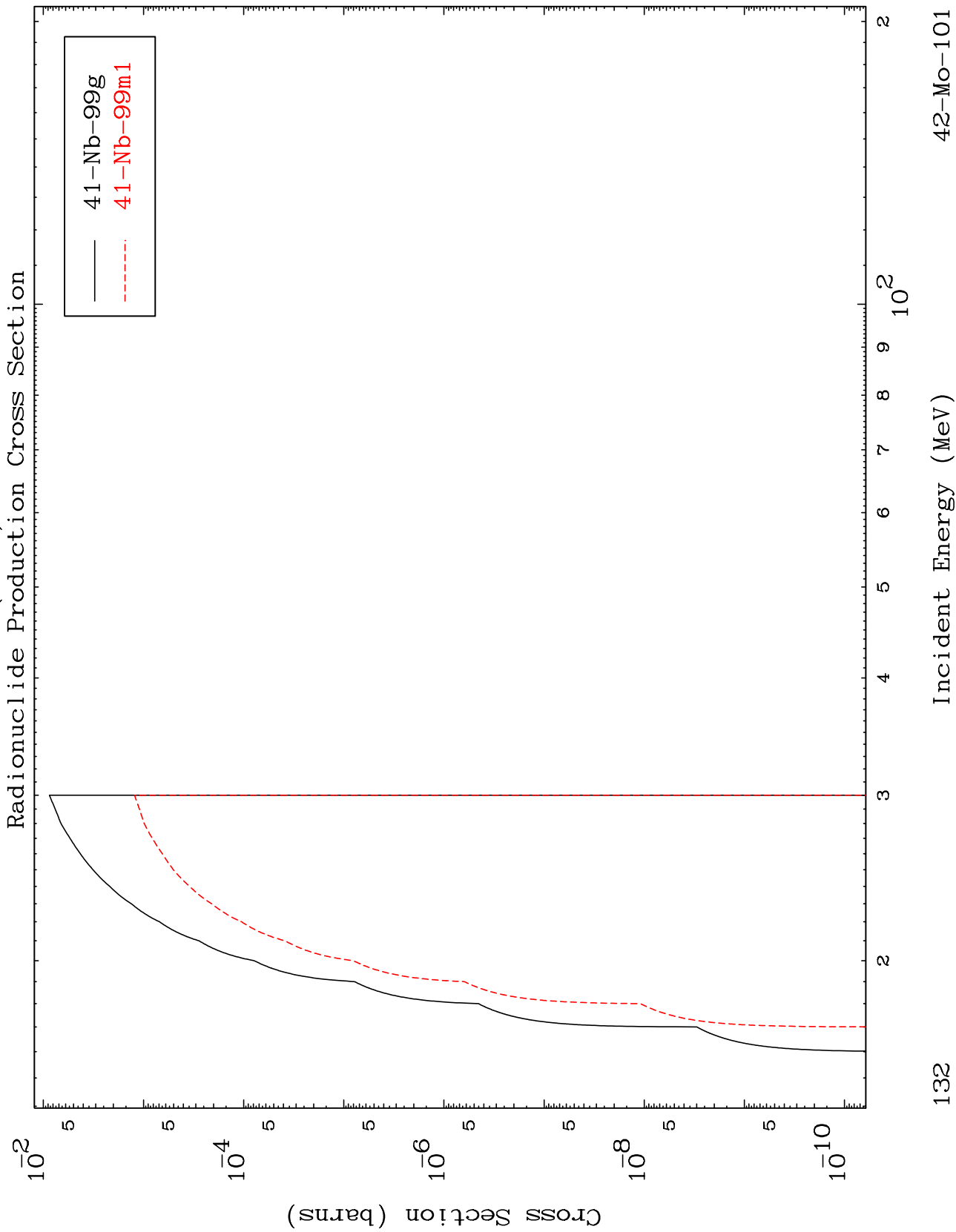
130

Incident Energy (MeV)

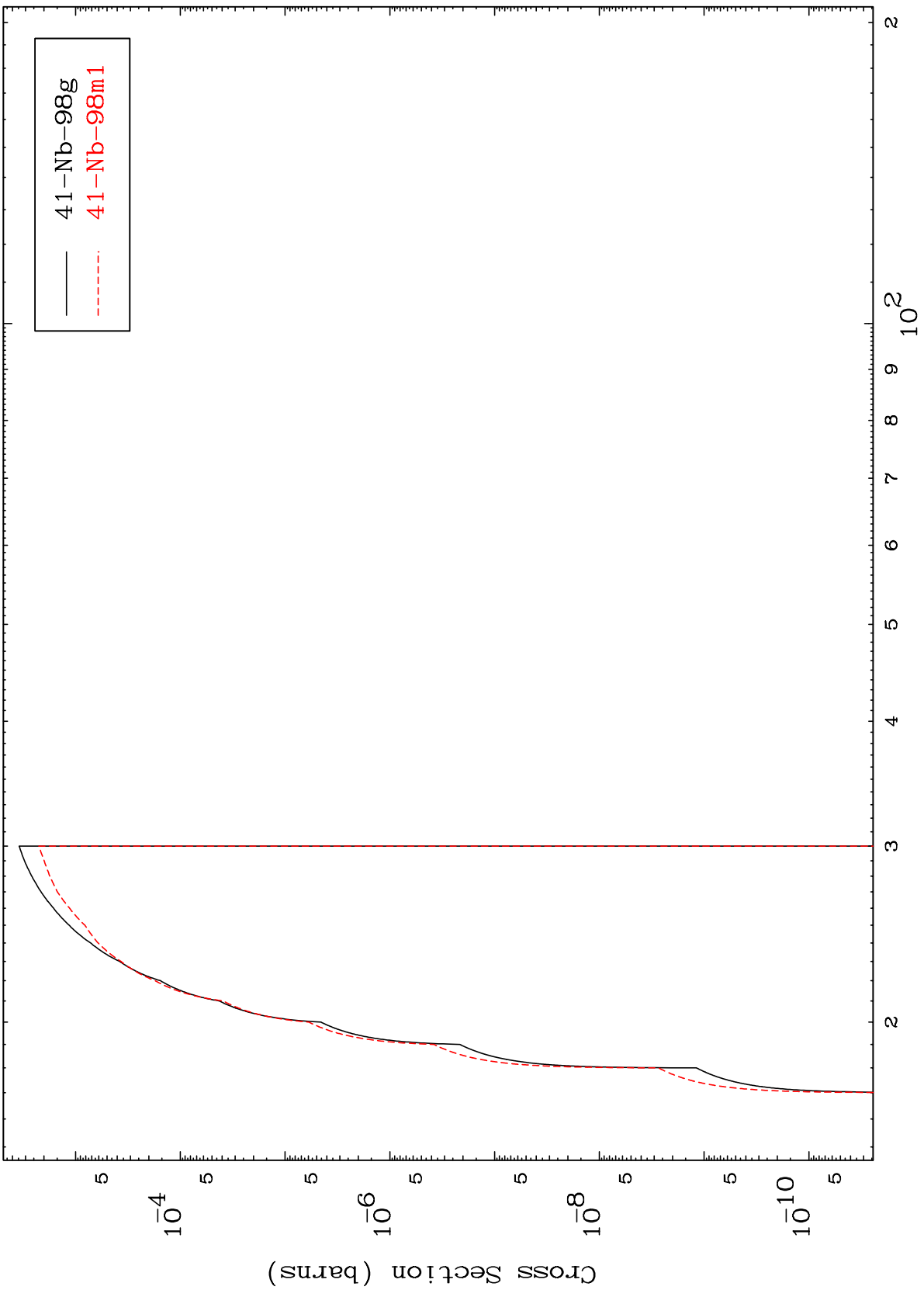
42-Mo-101

(n,n') p
Radionuclide Production Cross Section

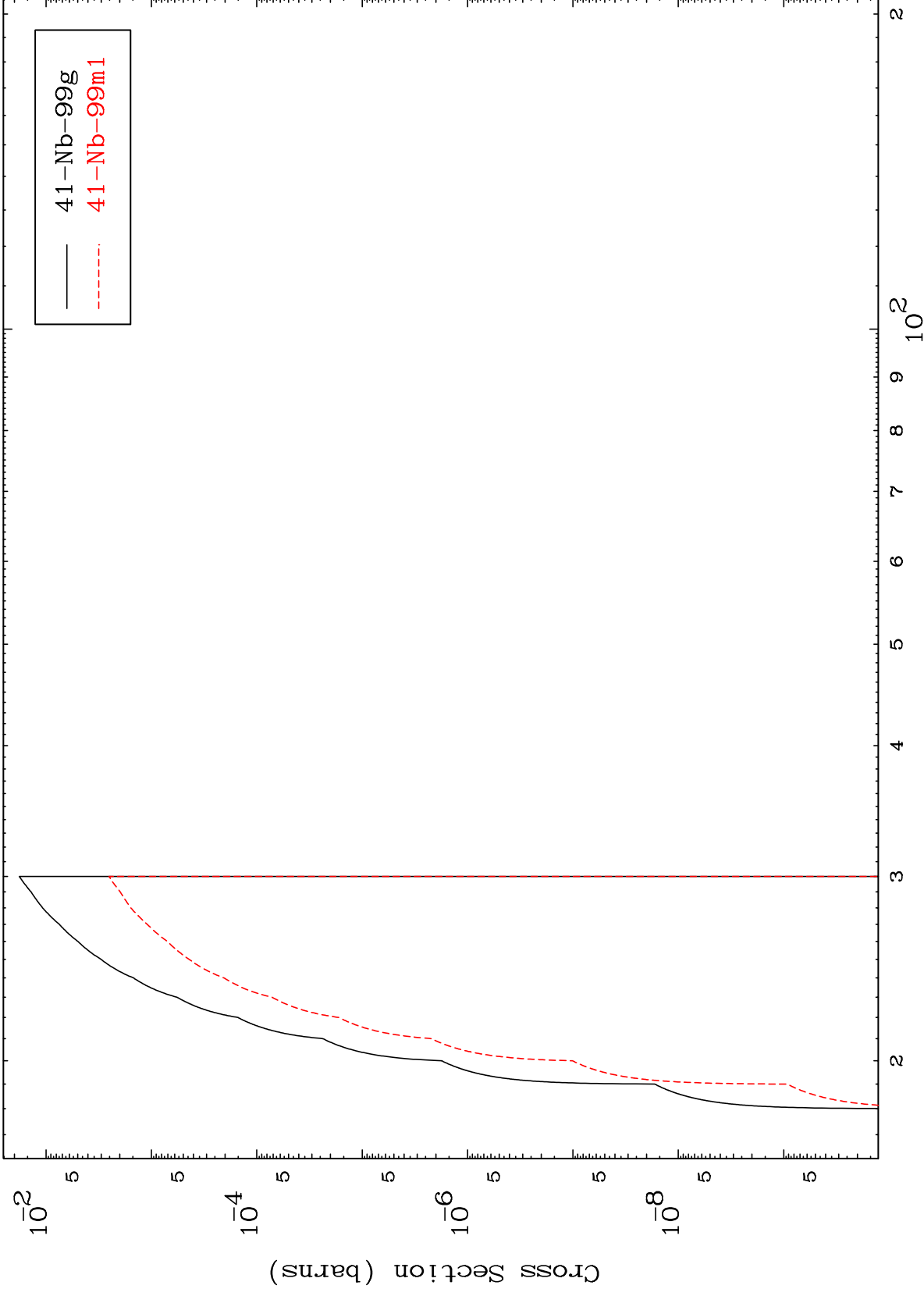




Radionuclide Production Cross Section

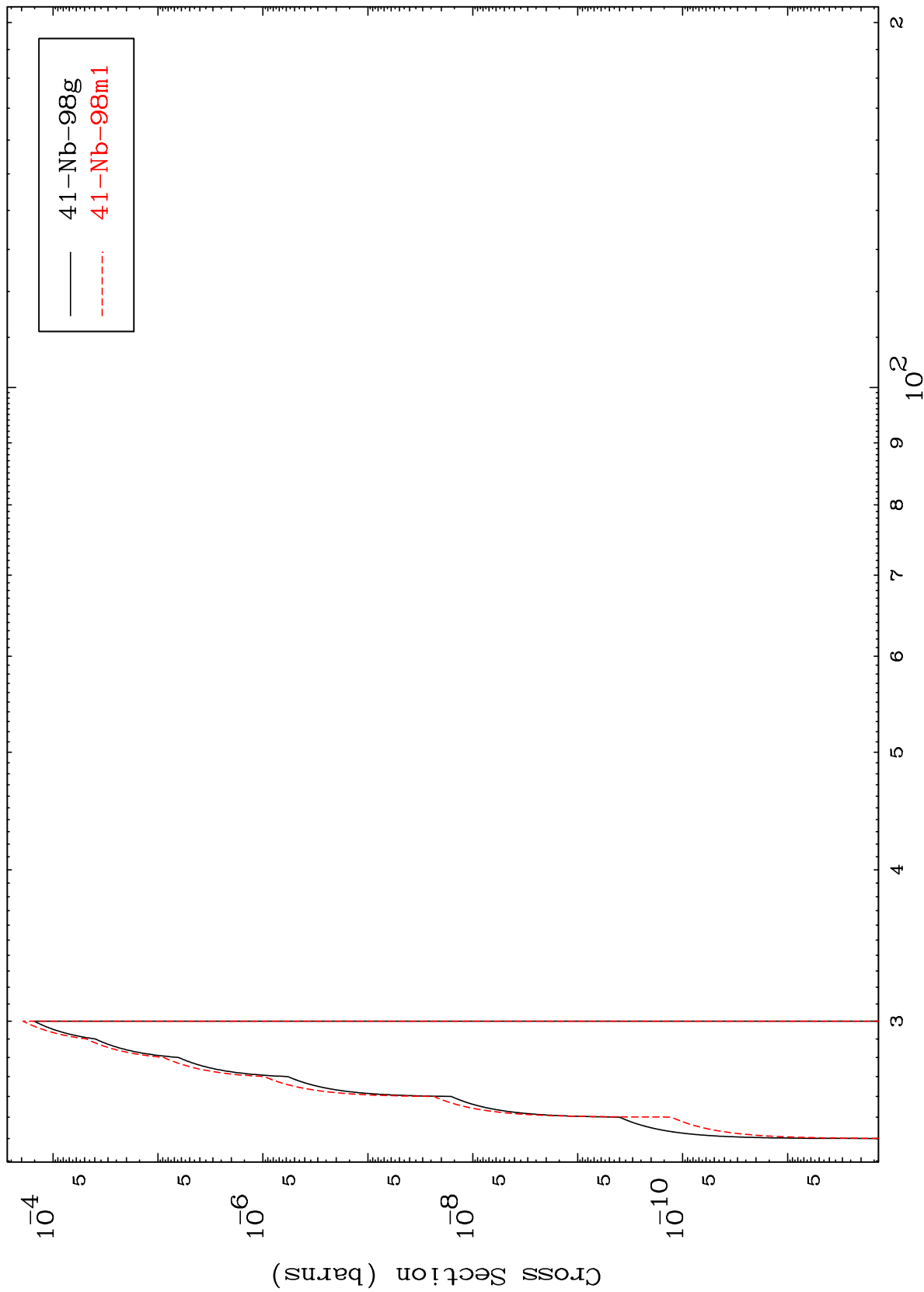


Radionuclide Production Cross Section



41-Nb-99g
41-Nb-99m1

Radionuclide Production Cross Section

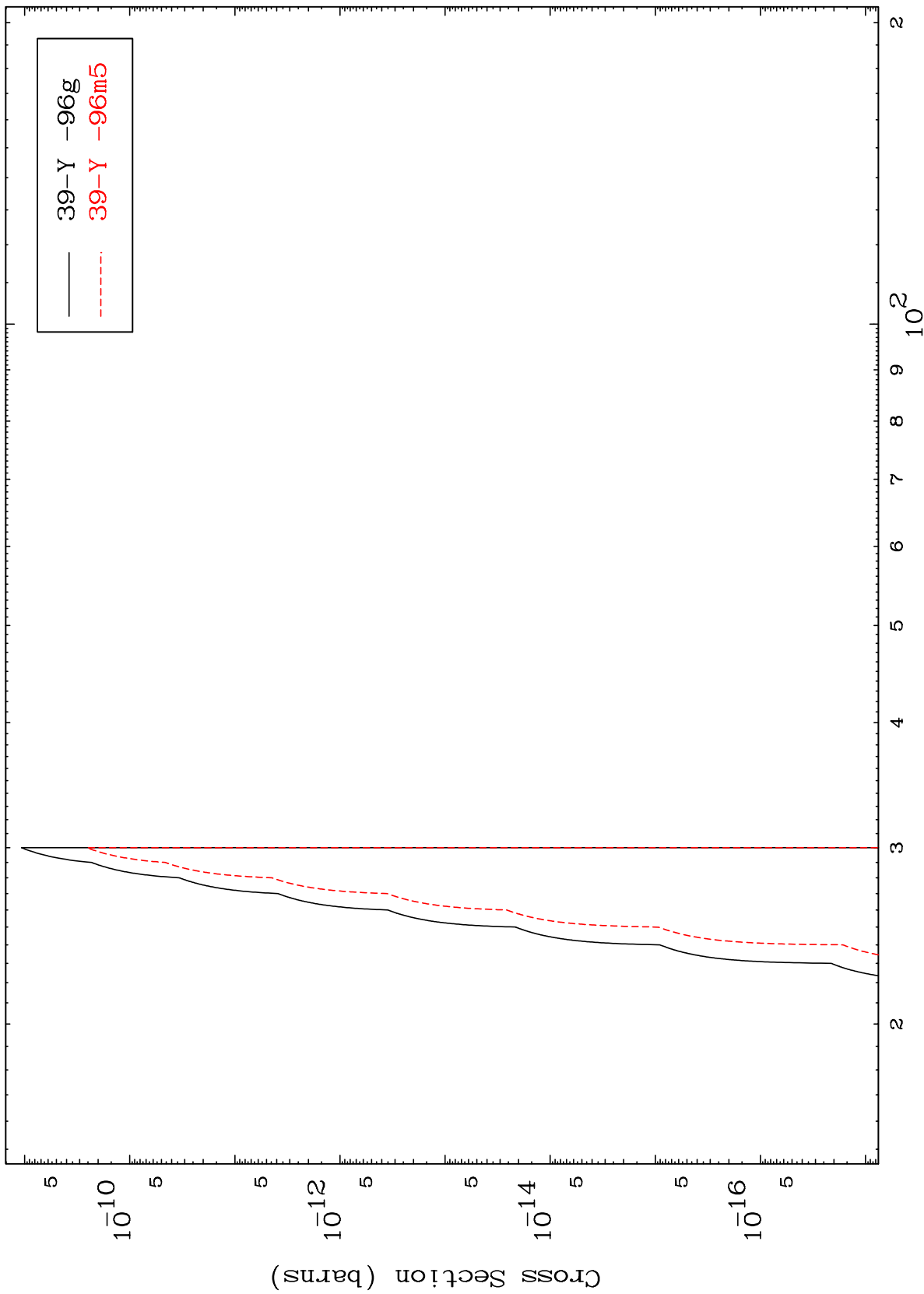


MAT 4252

(n,n') p α

42-Mo-101

Radionuclide Production Cross Section



39-Y-96g
39-Y-96m5

136

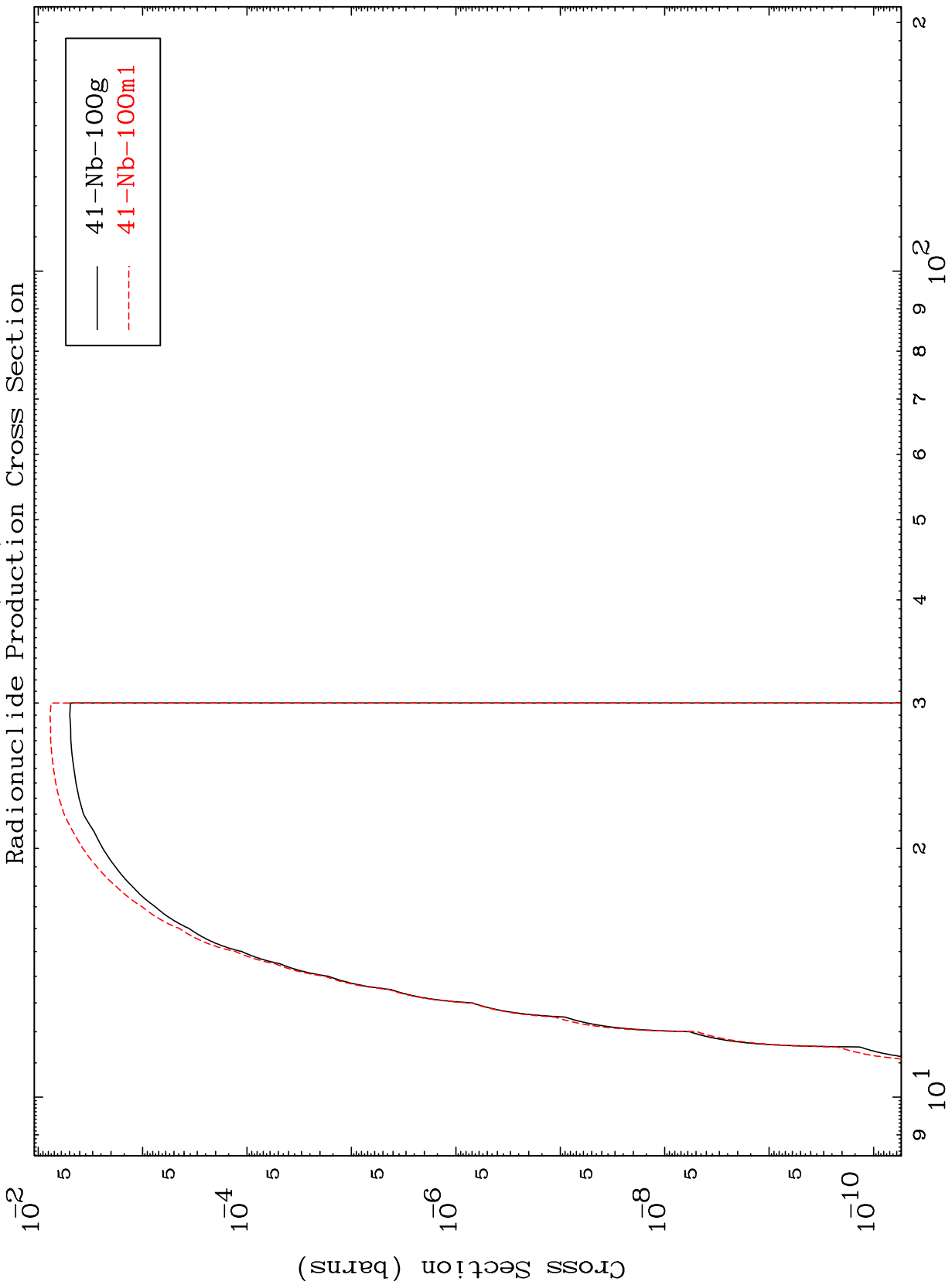
Incident Energy (MeV)

42-Mo-101

MAT 4252

42-Mo-101

(n,d)
Radionuclide Production Cross Section

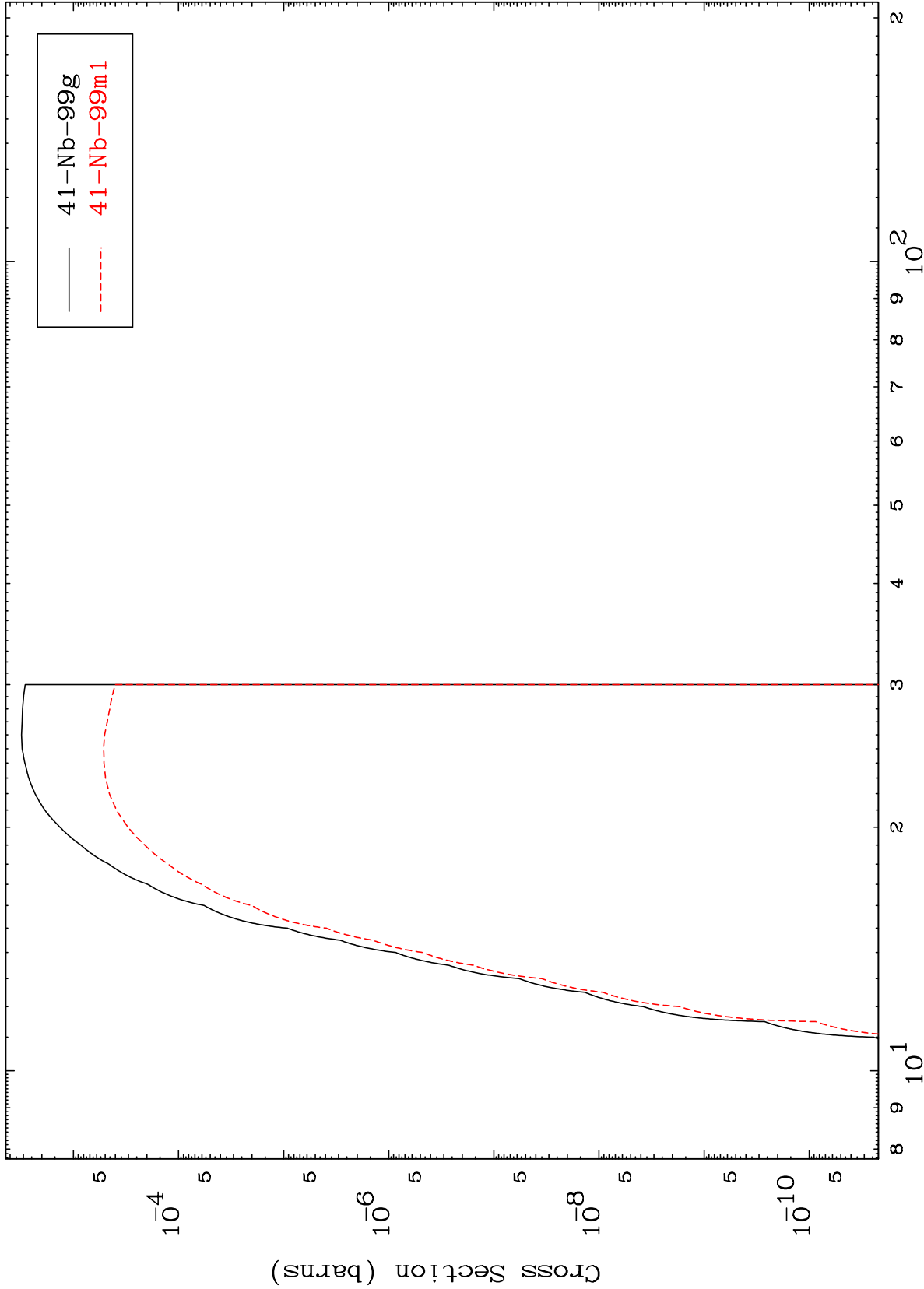


137

Incident Energy (MeV)

42-Mo-101

(n, t)
Radionuclide Production Cross Section

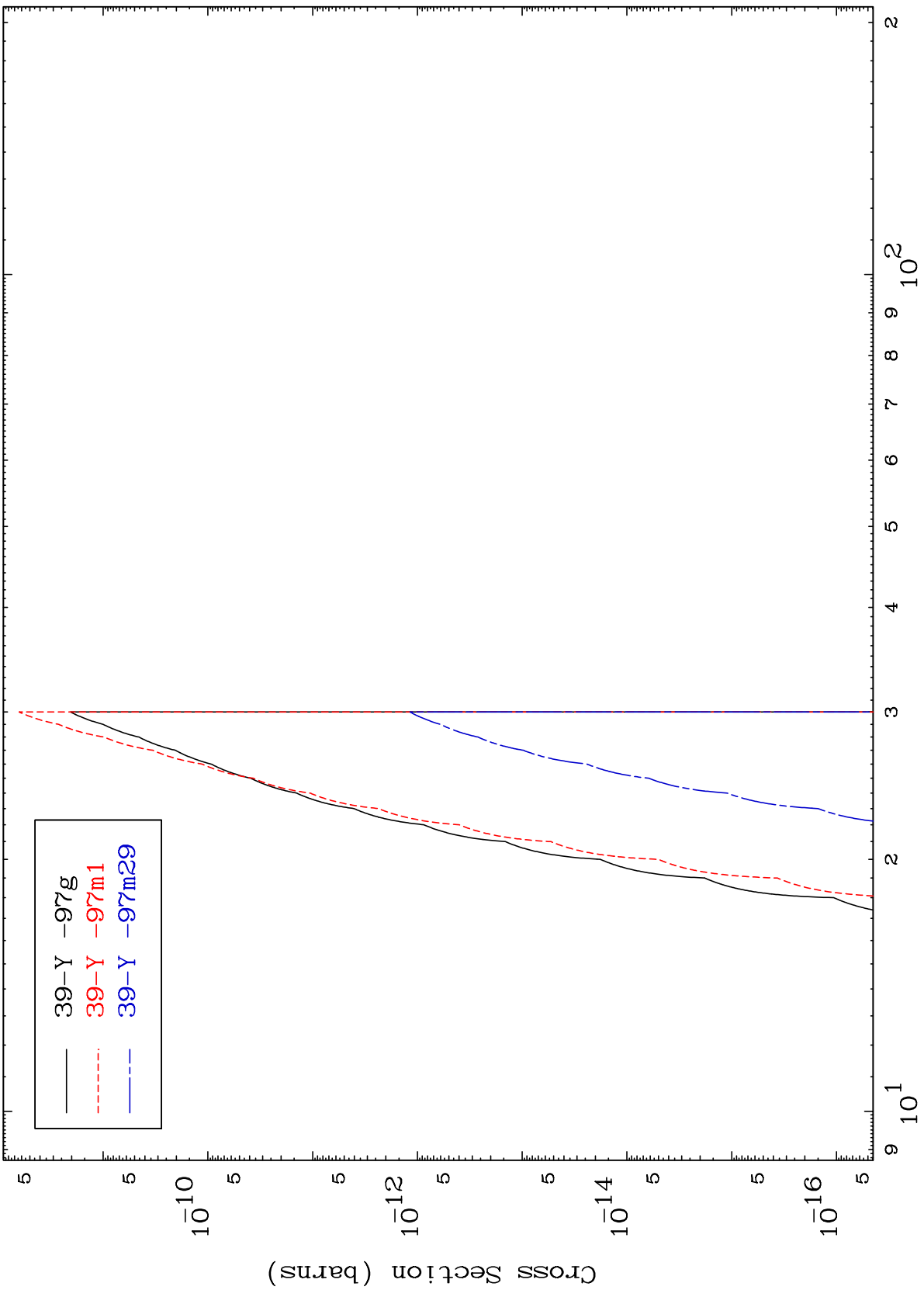


MAT 4252

(n,p) α

42-Mo-101

Radionuclide Production Cross Section



139

Incident Energy (MeV)

42-Mo-101