

Program EVALPLOT
(Version 2018-1)

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

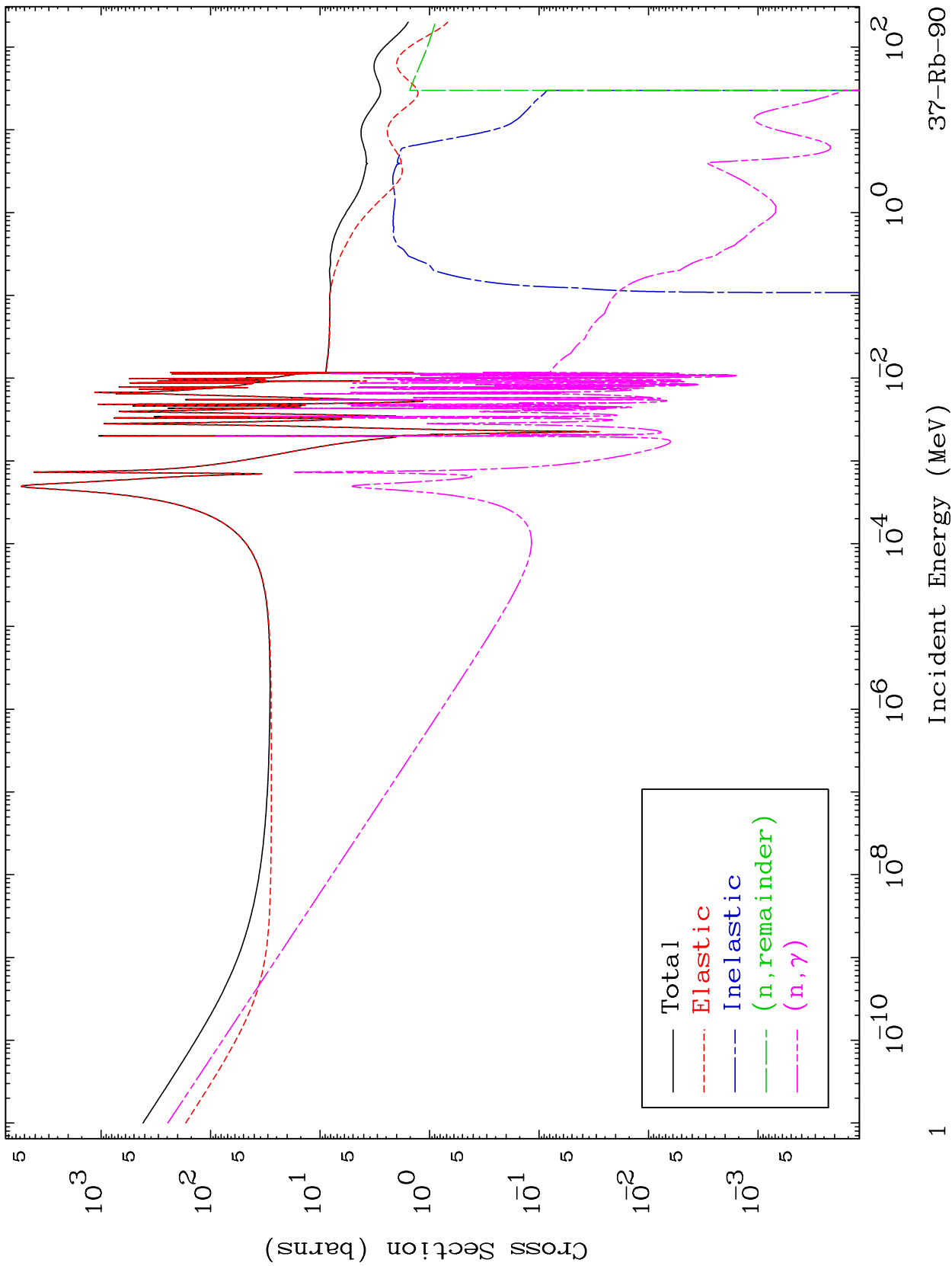
Press Mouse Button to Start

MAT 3740

Major

293 Kelvin Cross Sections

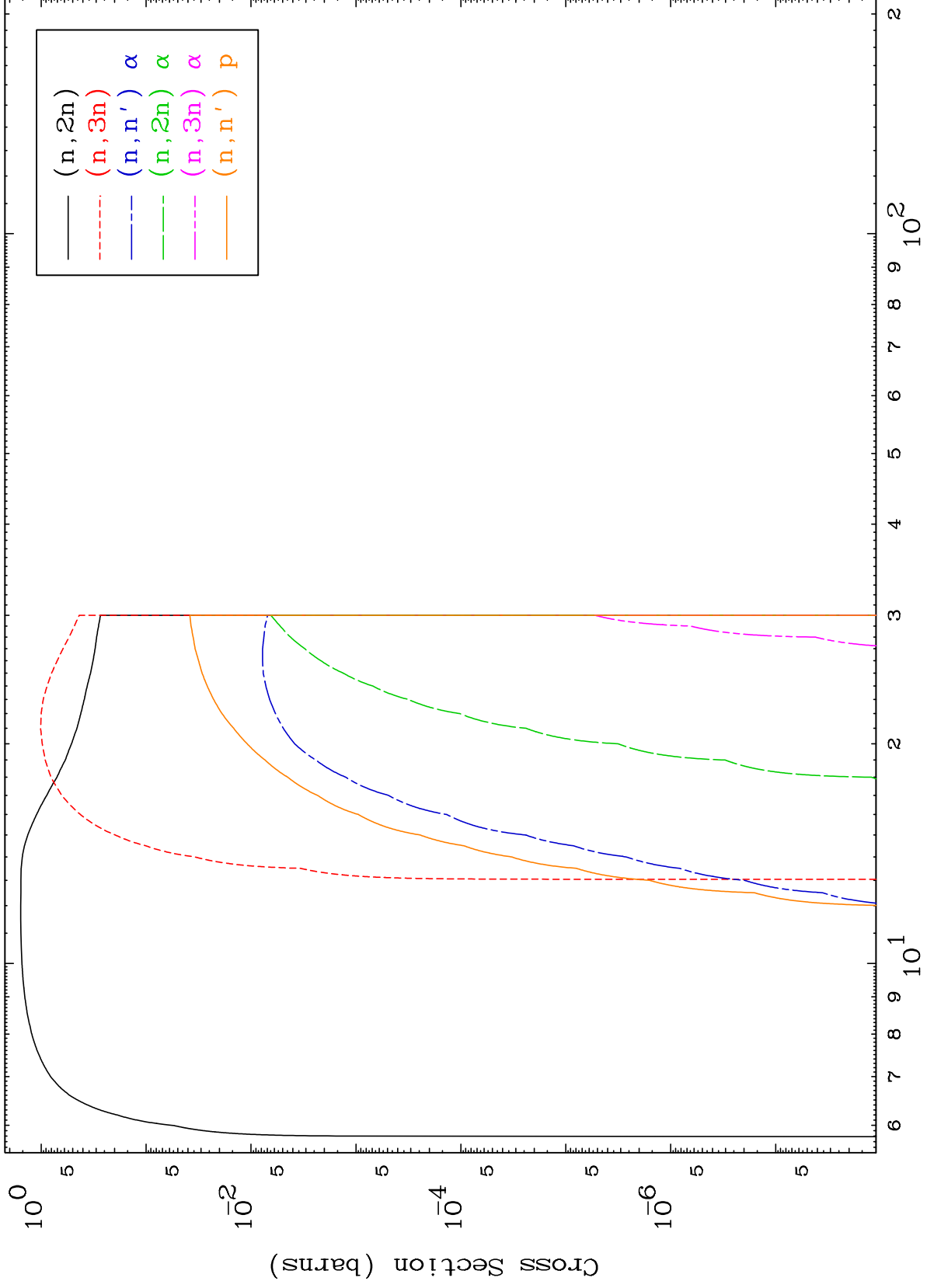
37-Rb-90



MAT 3740

Neutron Production
293 Kelvin Cross Sections

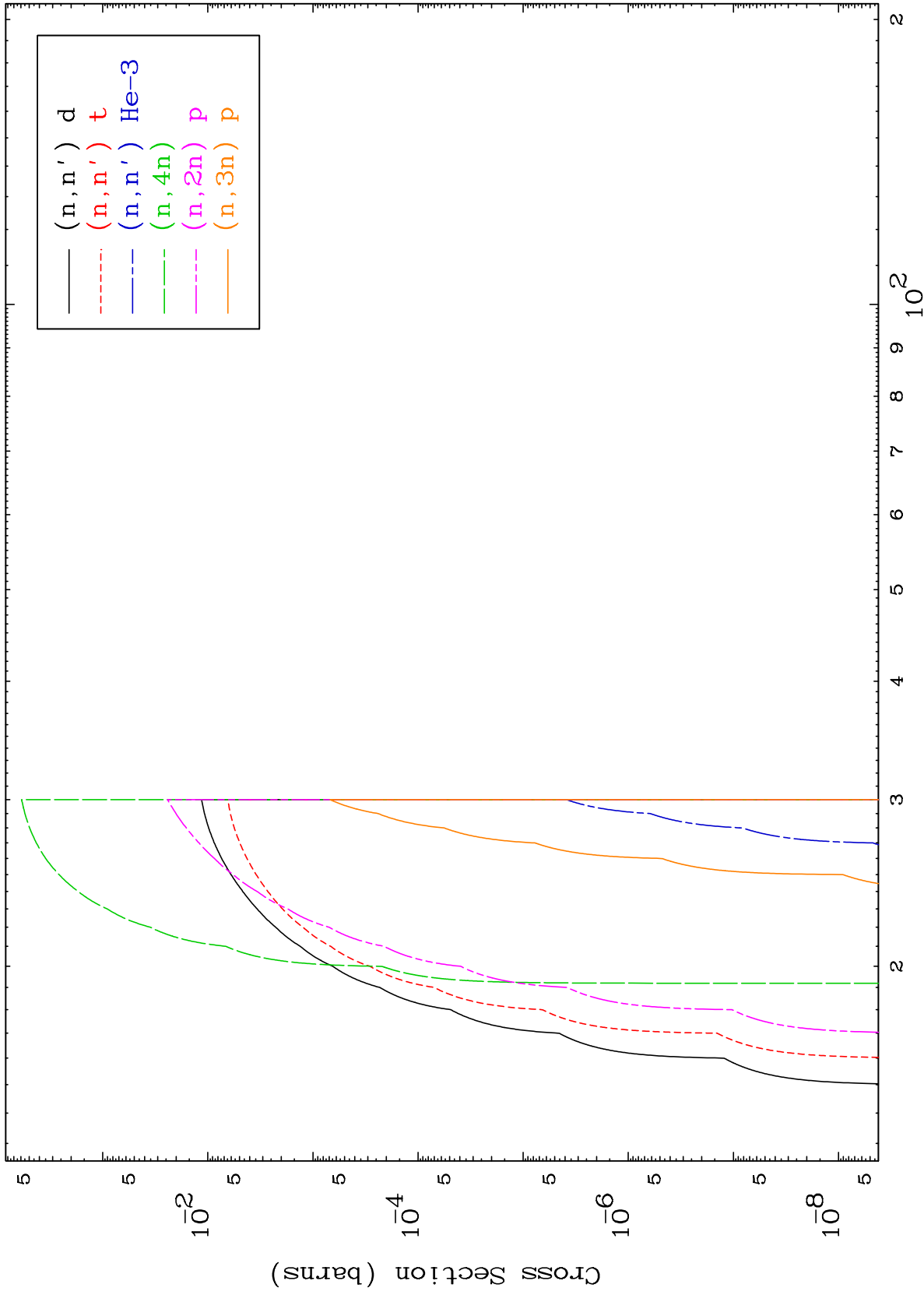
37-Rb-90



2

Incident Energy (MeV)

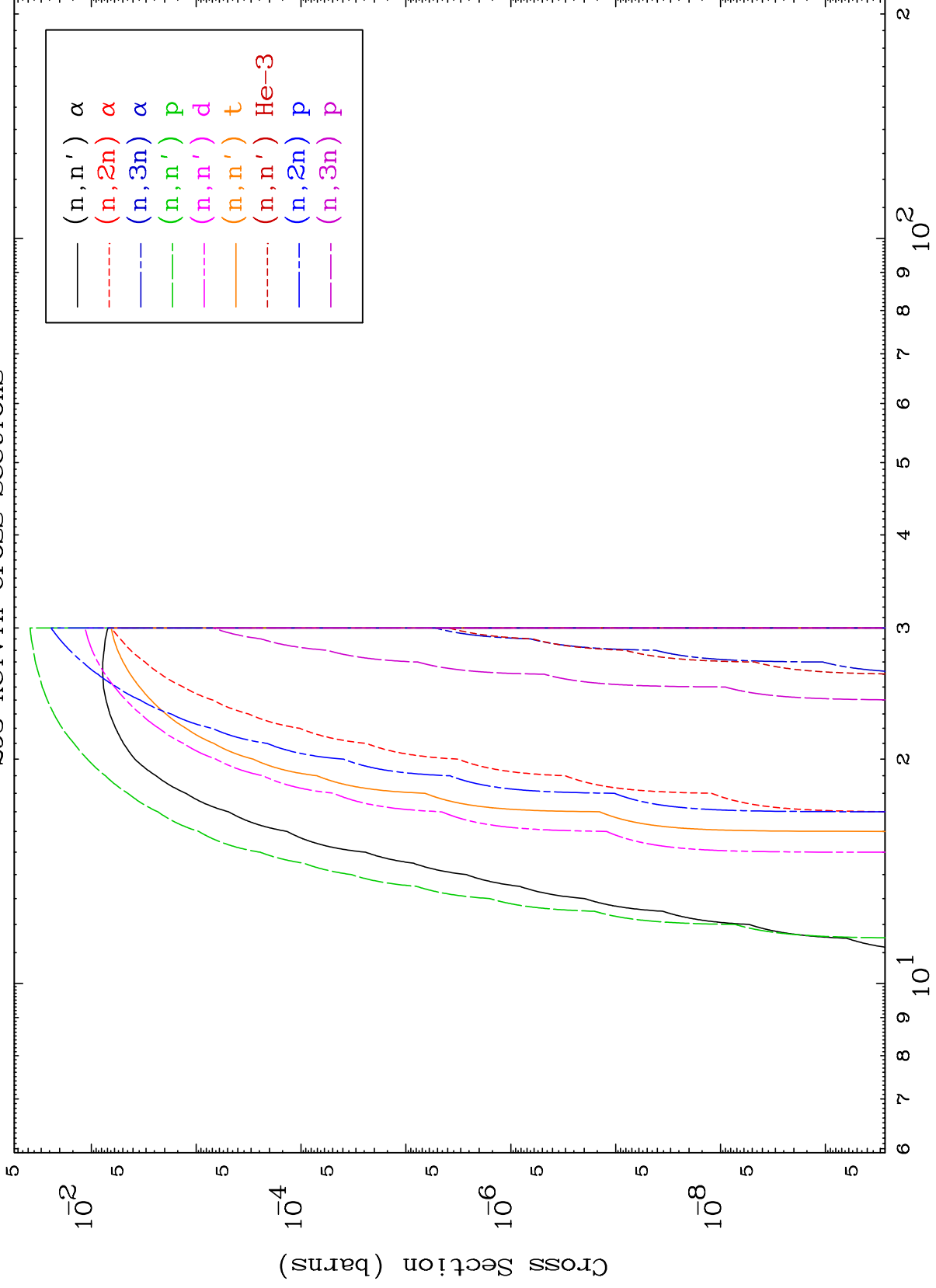
37-Rb-90



MAT 3740

Charged Particle
293 Kelvin Cross Sections

37-Rb-90



4

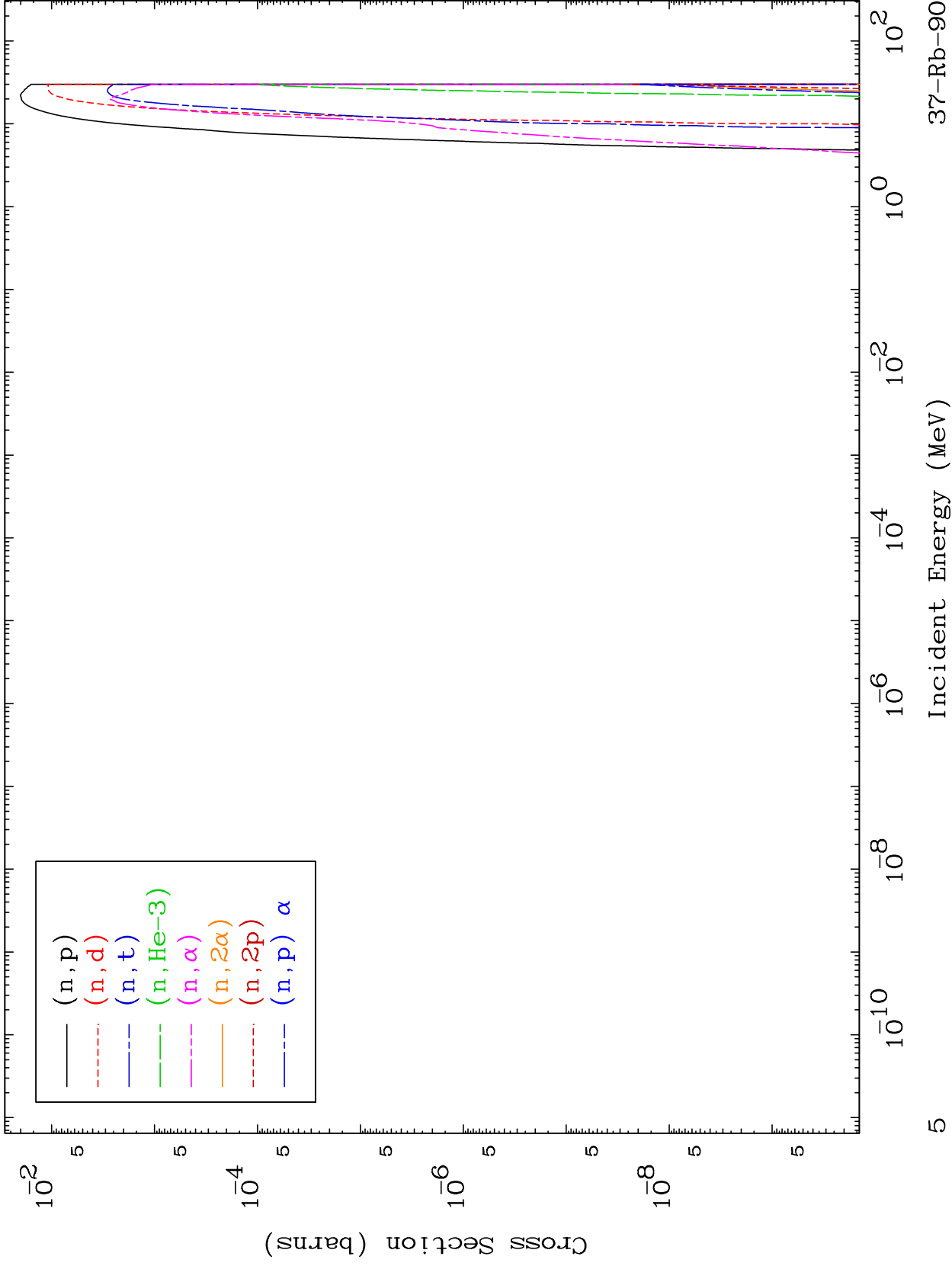
Incident Energy (MeV)

37-Rb-90

MAT 3740

Charged Particle
293 Kelvin Cross Sections

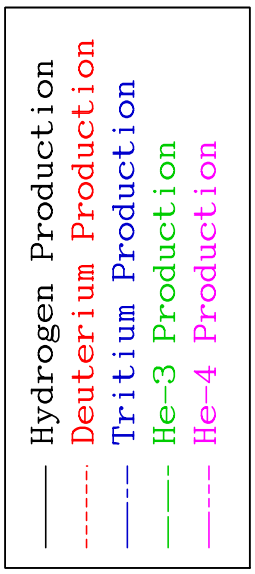
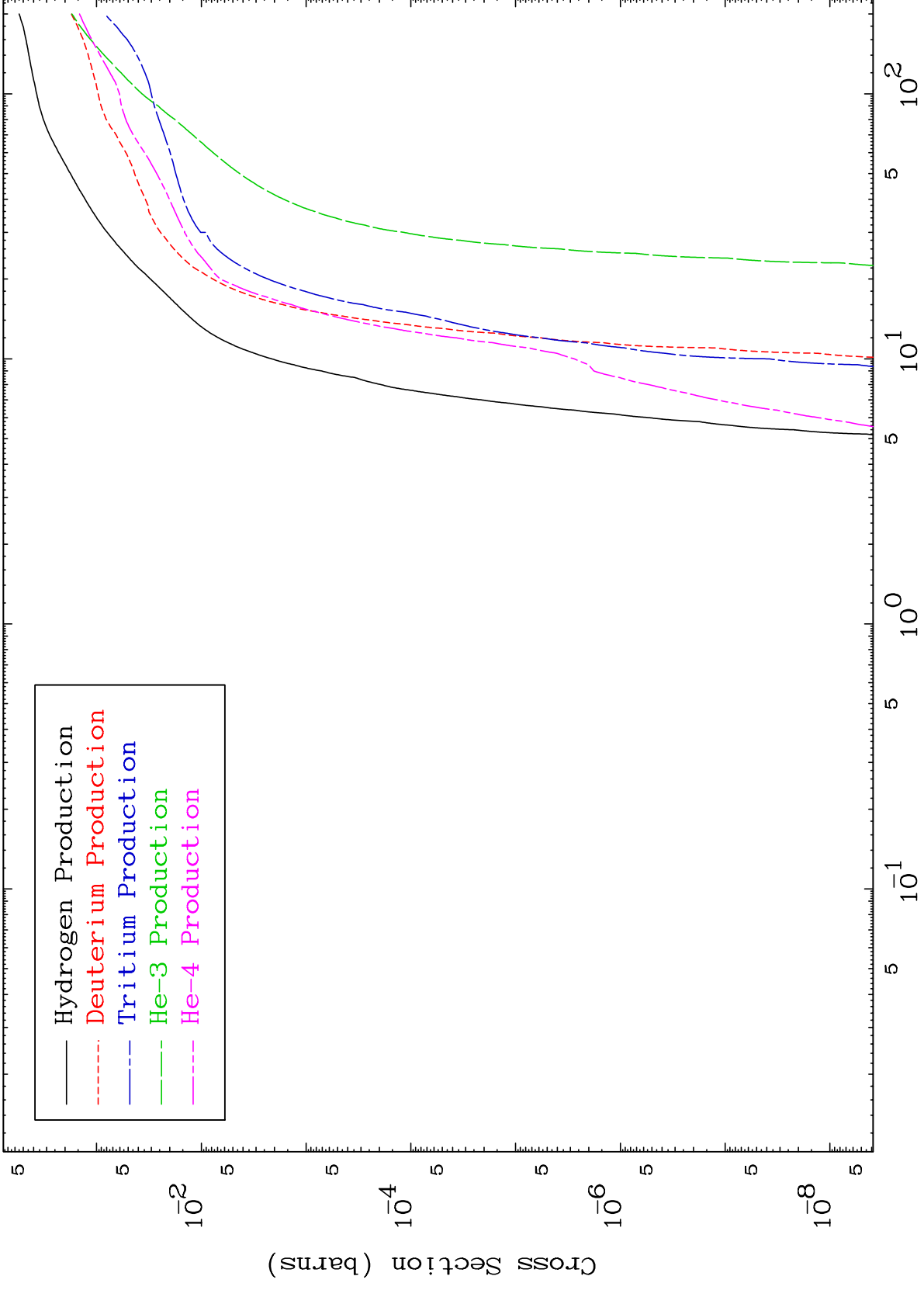
37-Rb-90



MAT 3740

Particle Production
293 Kelvin Cross Sections

37-Rb-90

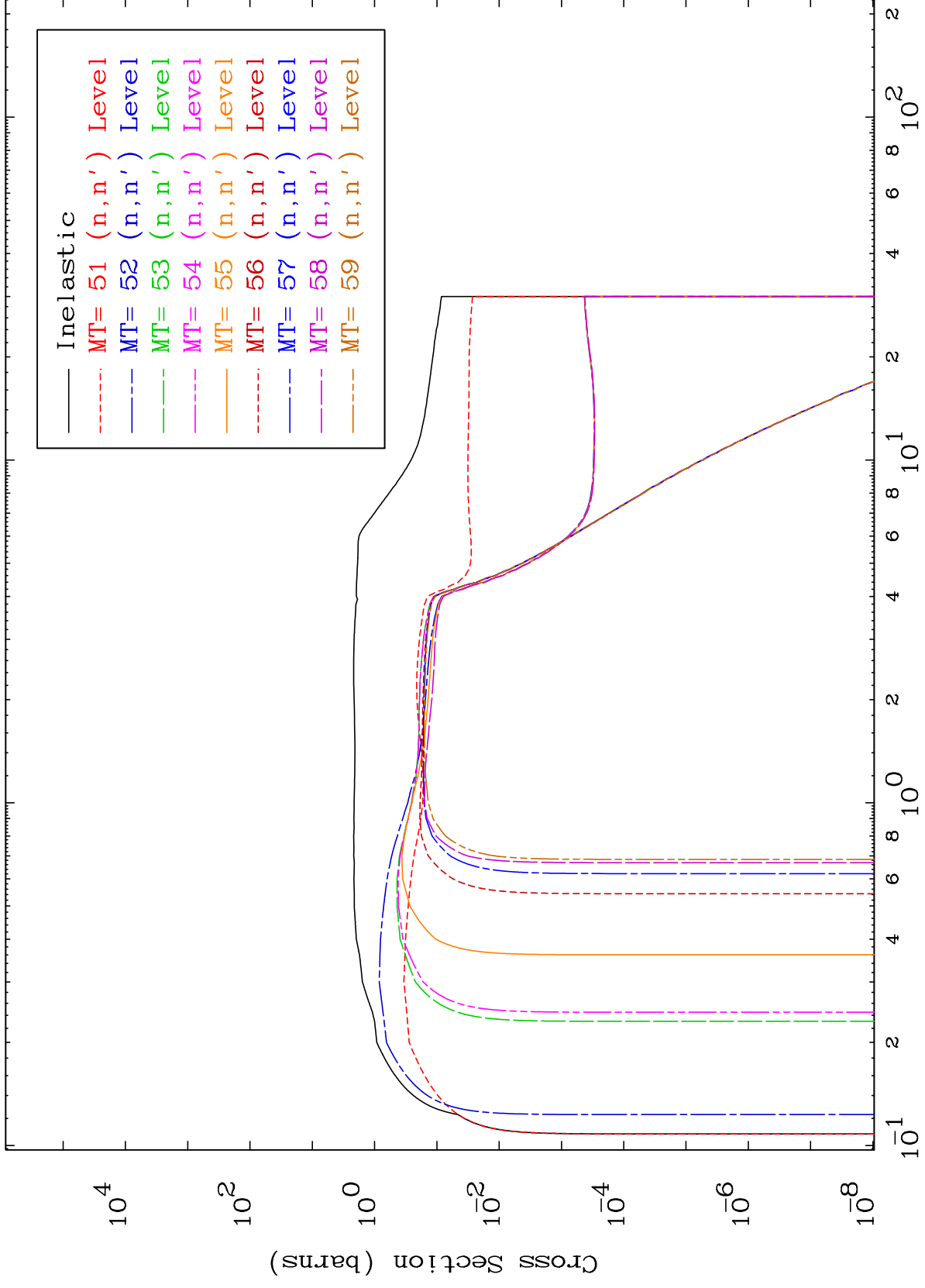


MAT 3740

(n,n') Level

37-Rb-90

293 Kelvin Cross Sections



Incident Energy (MeV)

37-Rb-90

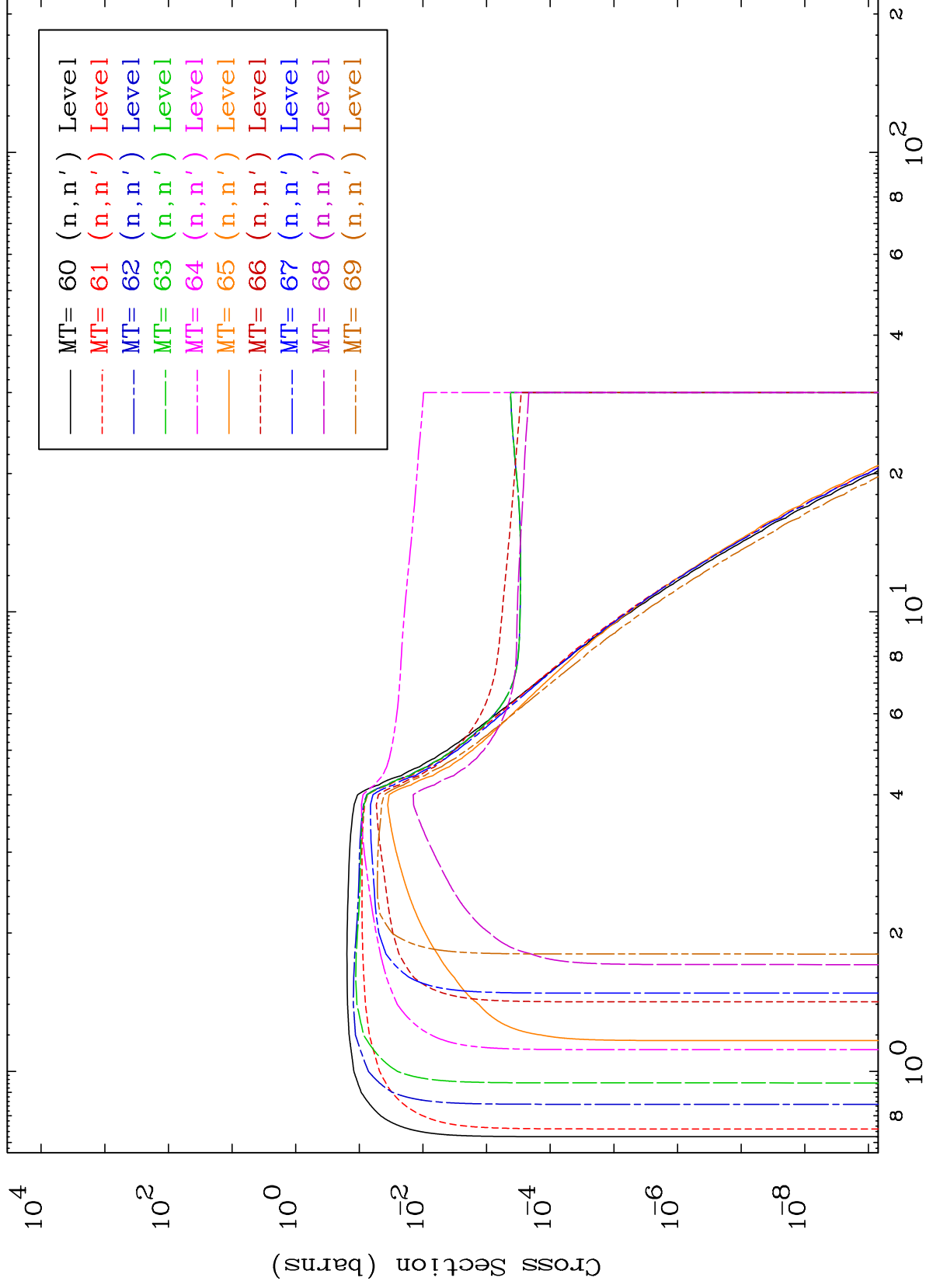
7

MAT 3740

(n,n') Level

37-Rb-90

293 Kelvin Cross Sections



8

Incident Energy (MeV)

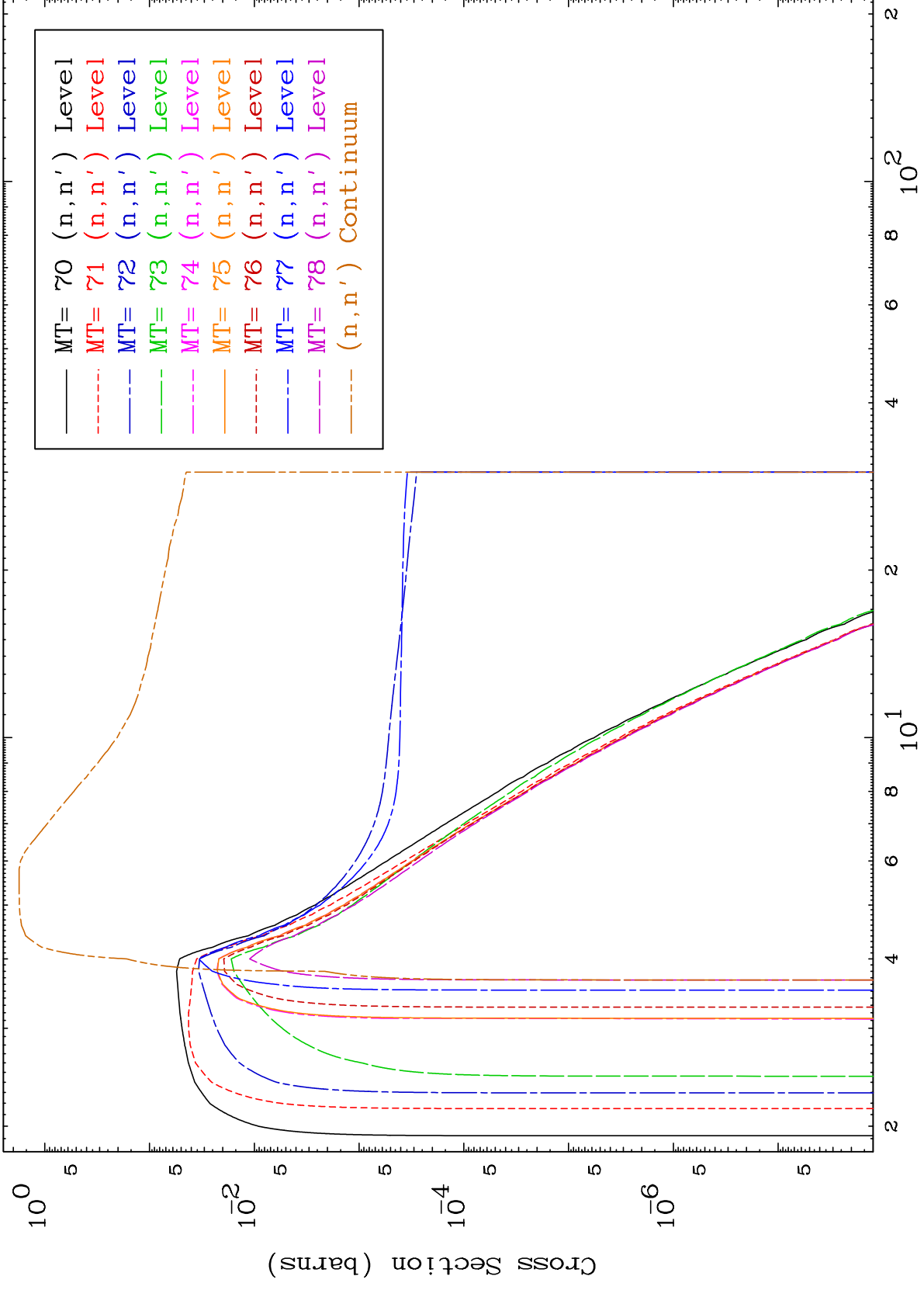
37-Rb-90

MAT 3740

(n,n') Level

37-Rb-90

293 Kelvin Cross Sections



9

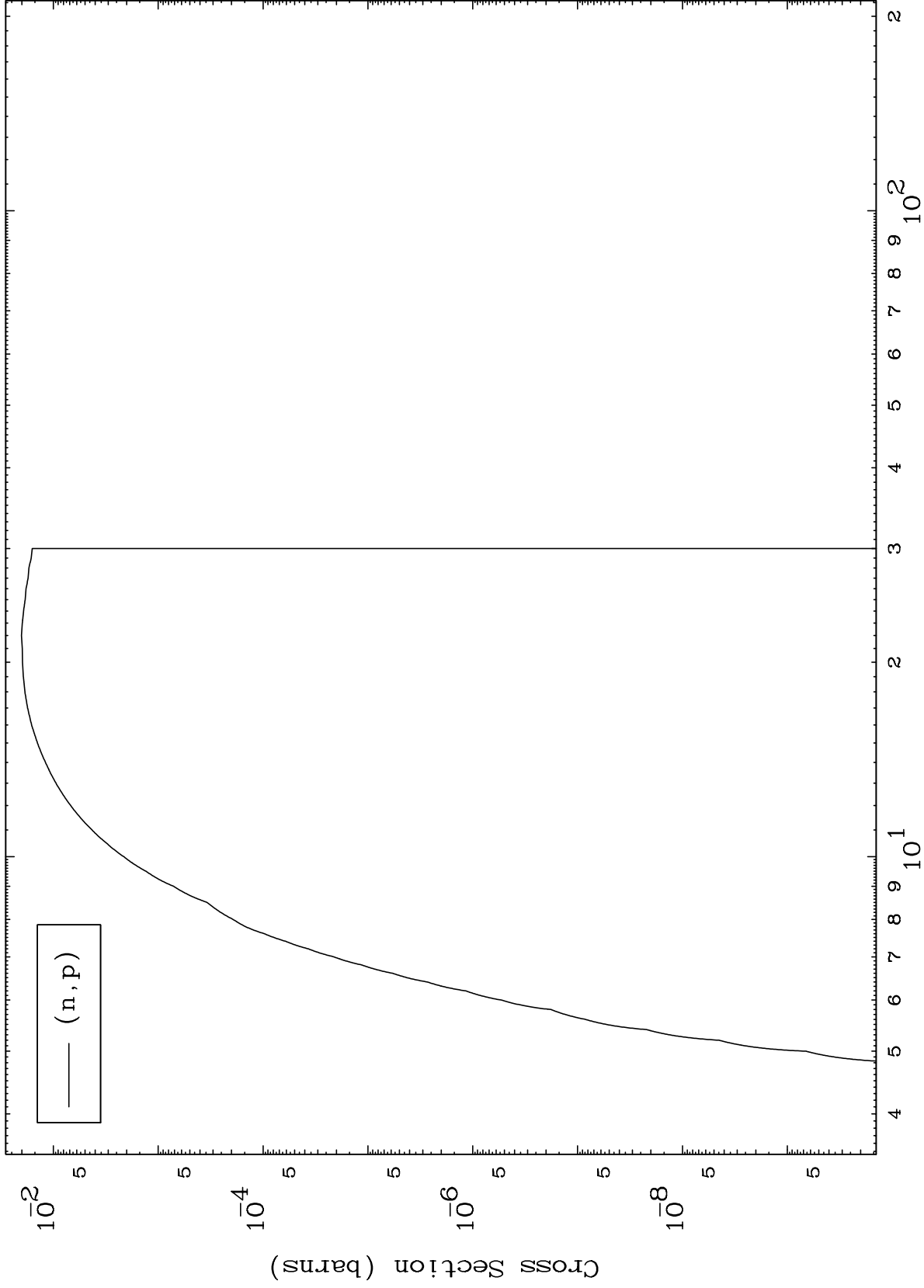
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-90



10

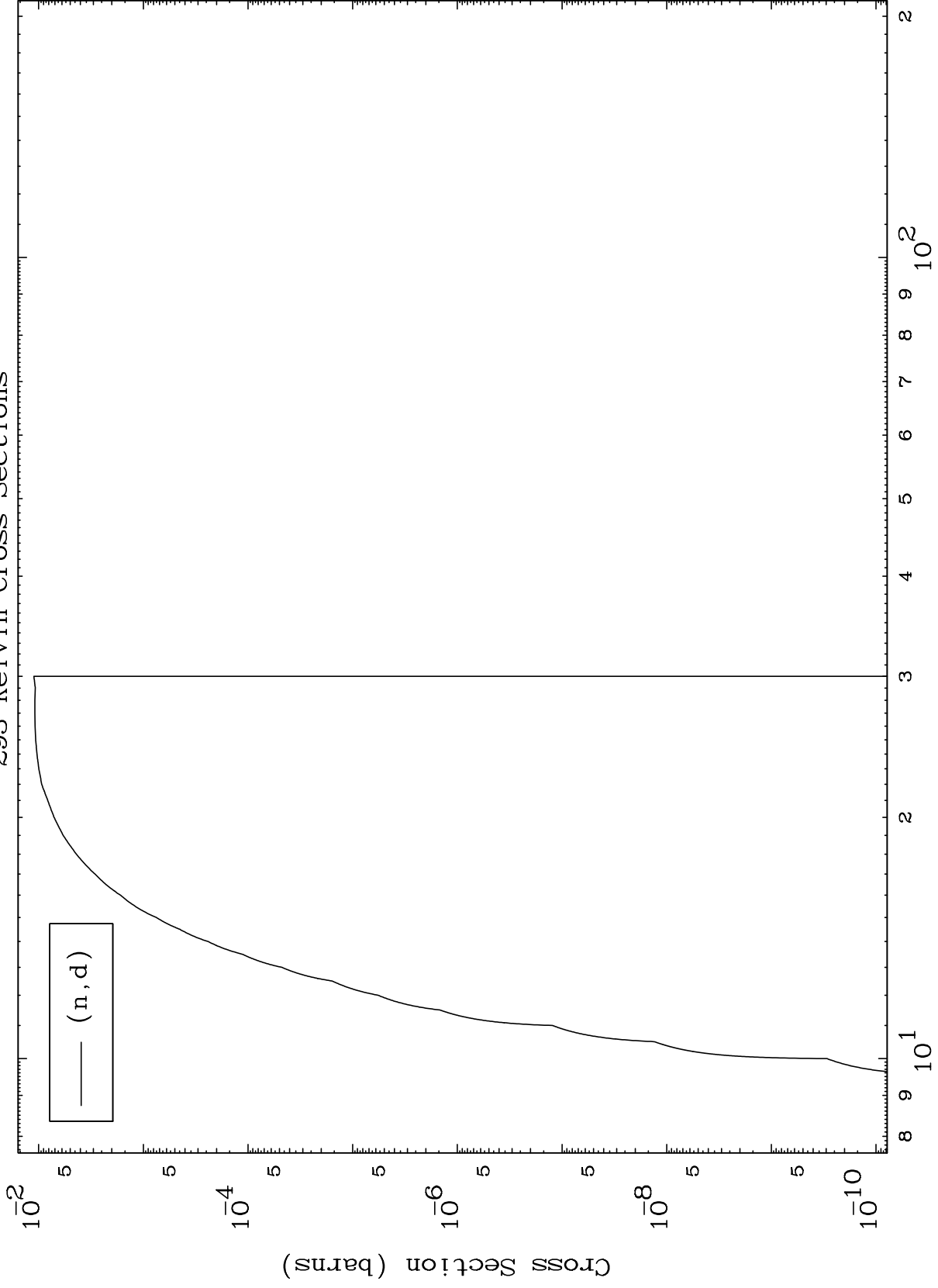
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,d) Levels
293 Kelvin Cross Sections

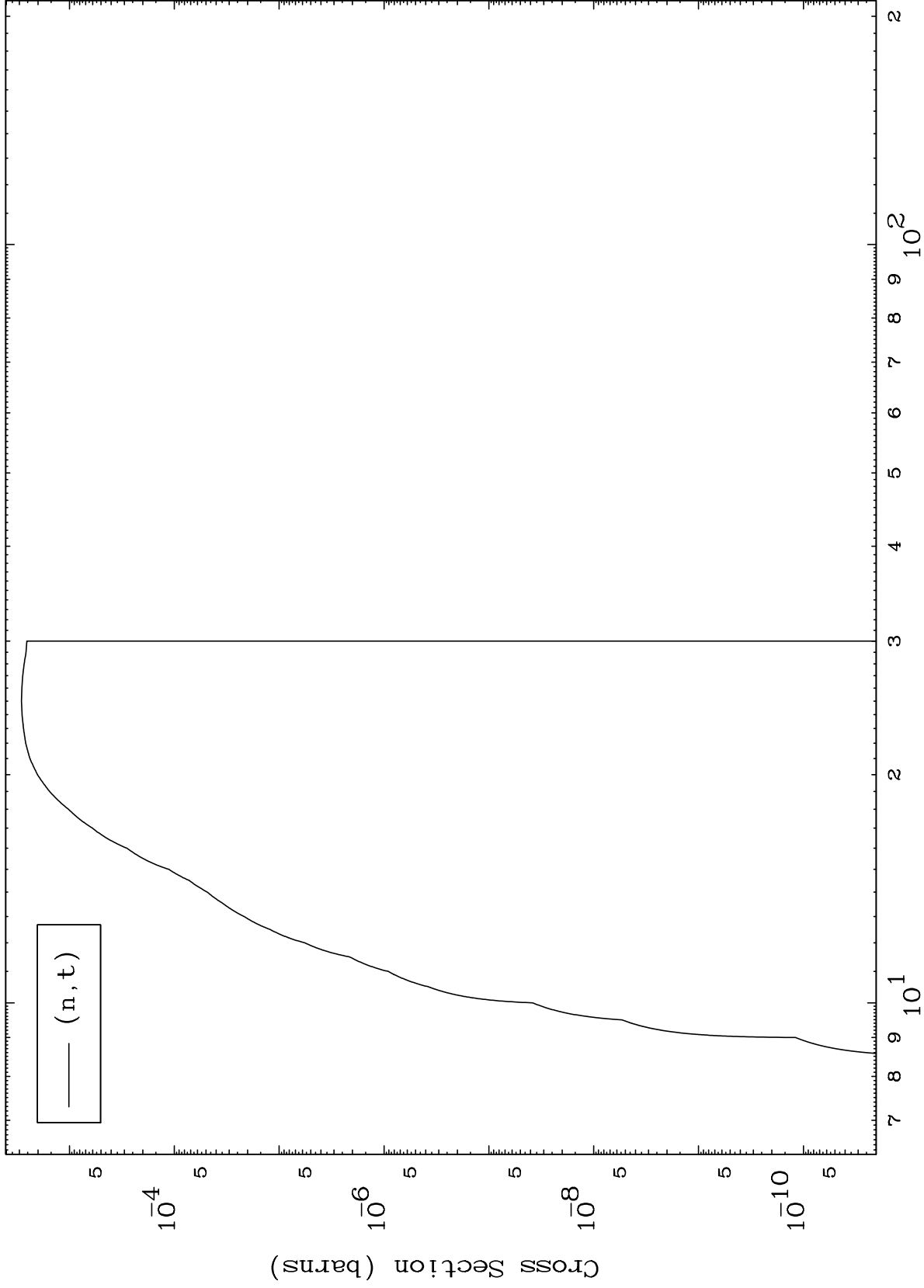
37-Rb-90



MAT 3740

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-90



12

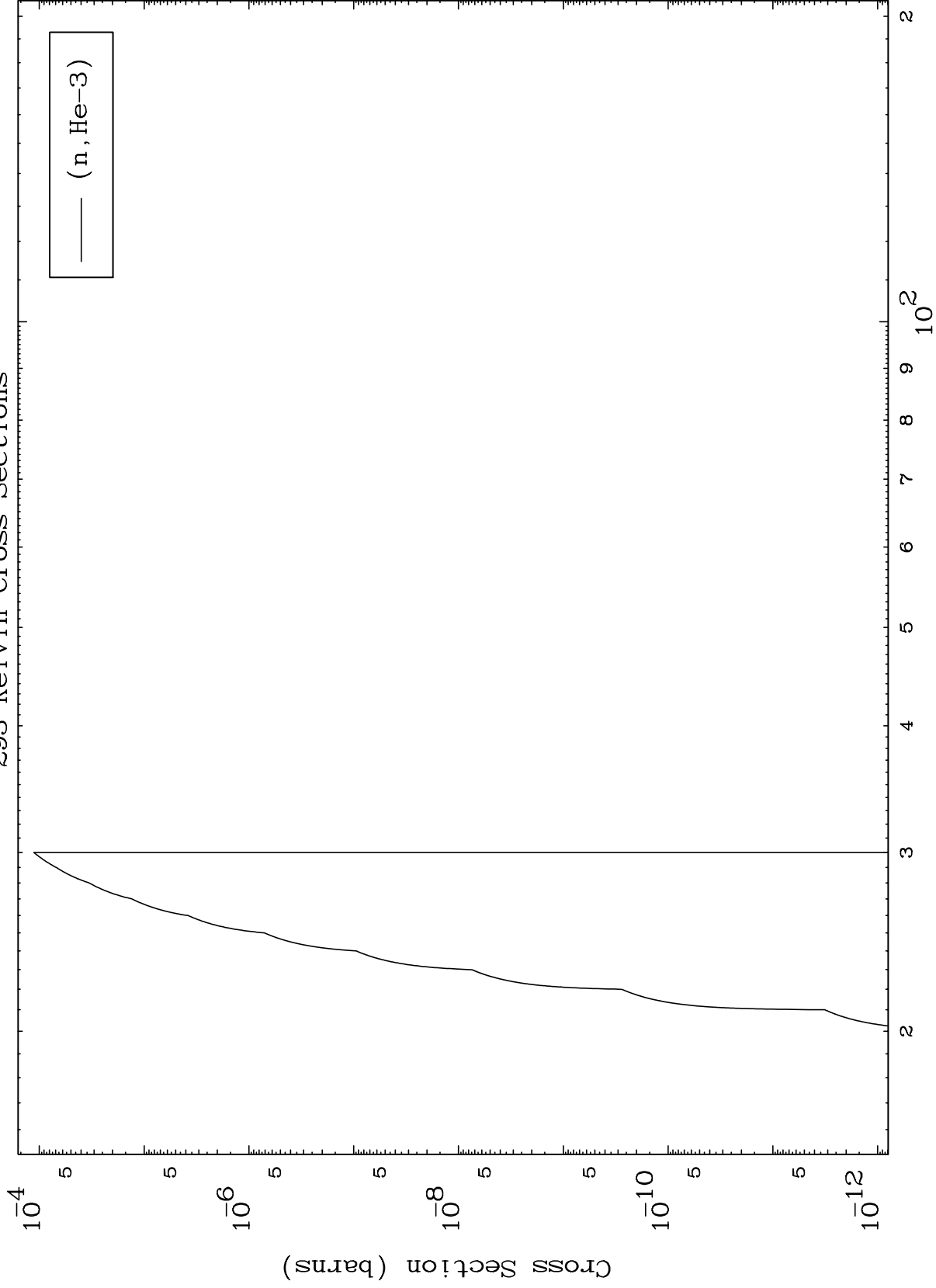
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-90



13

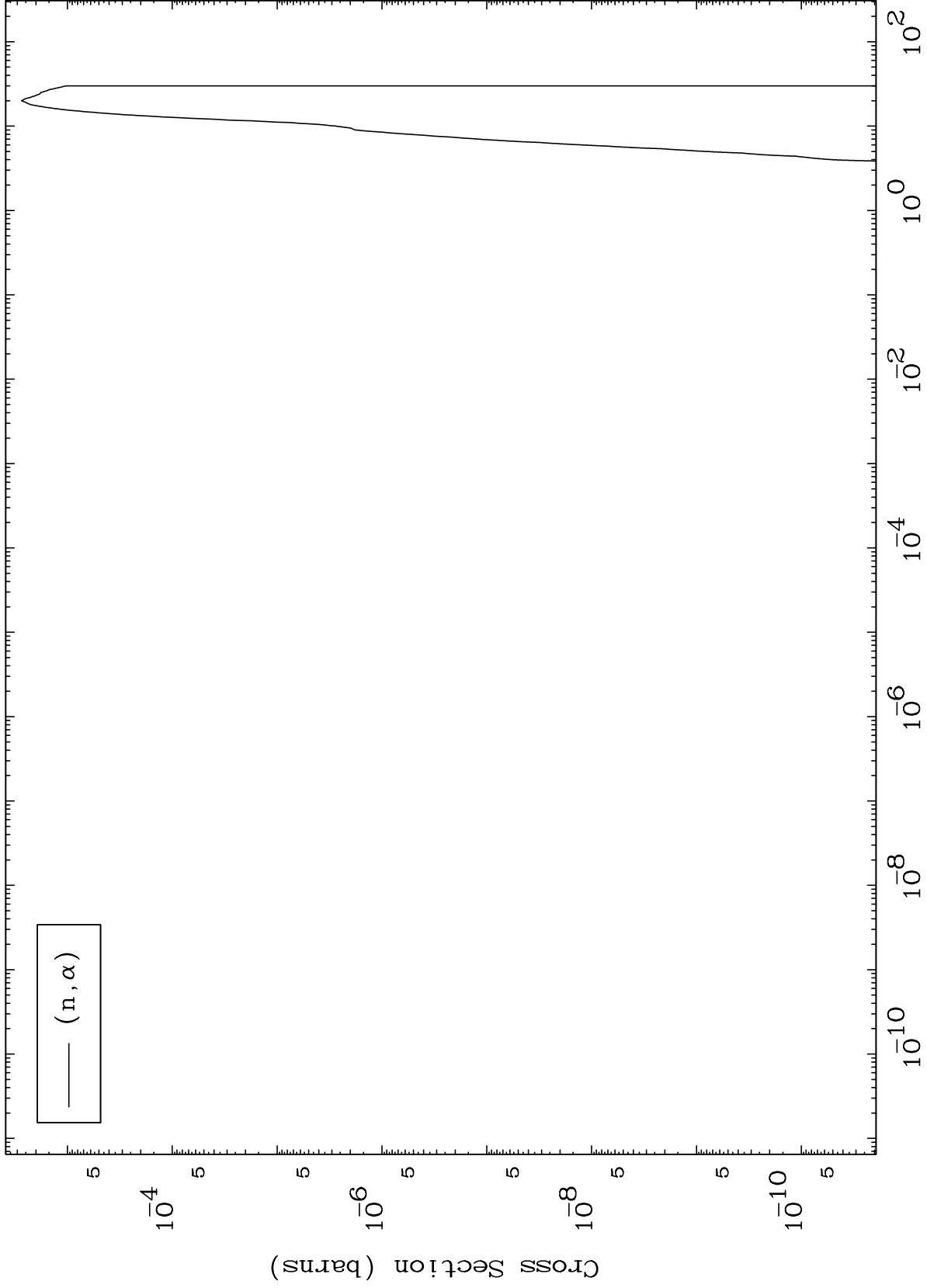
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n, α) Levels
293 Kelvin Cross Sections

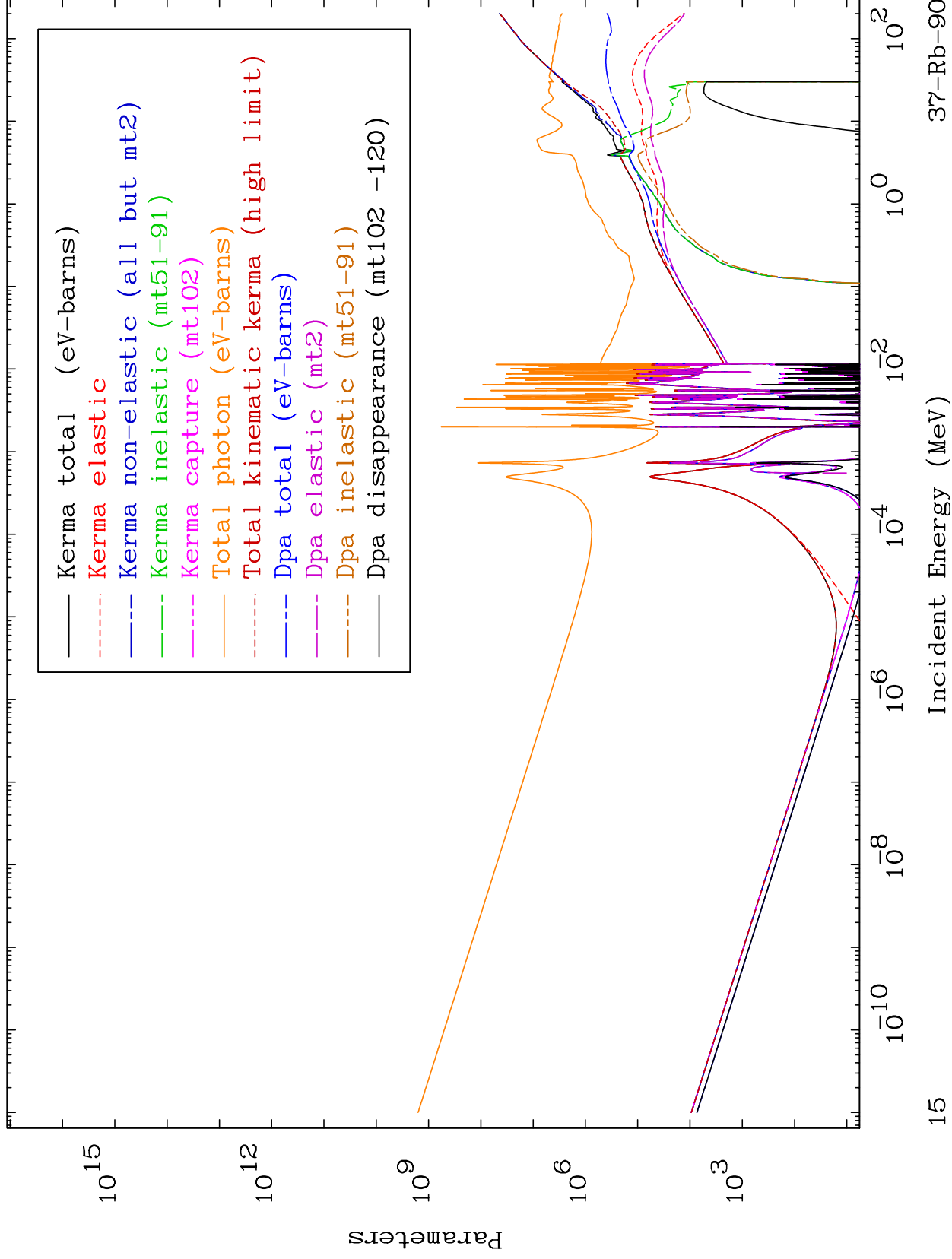
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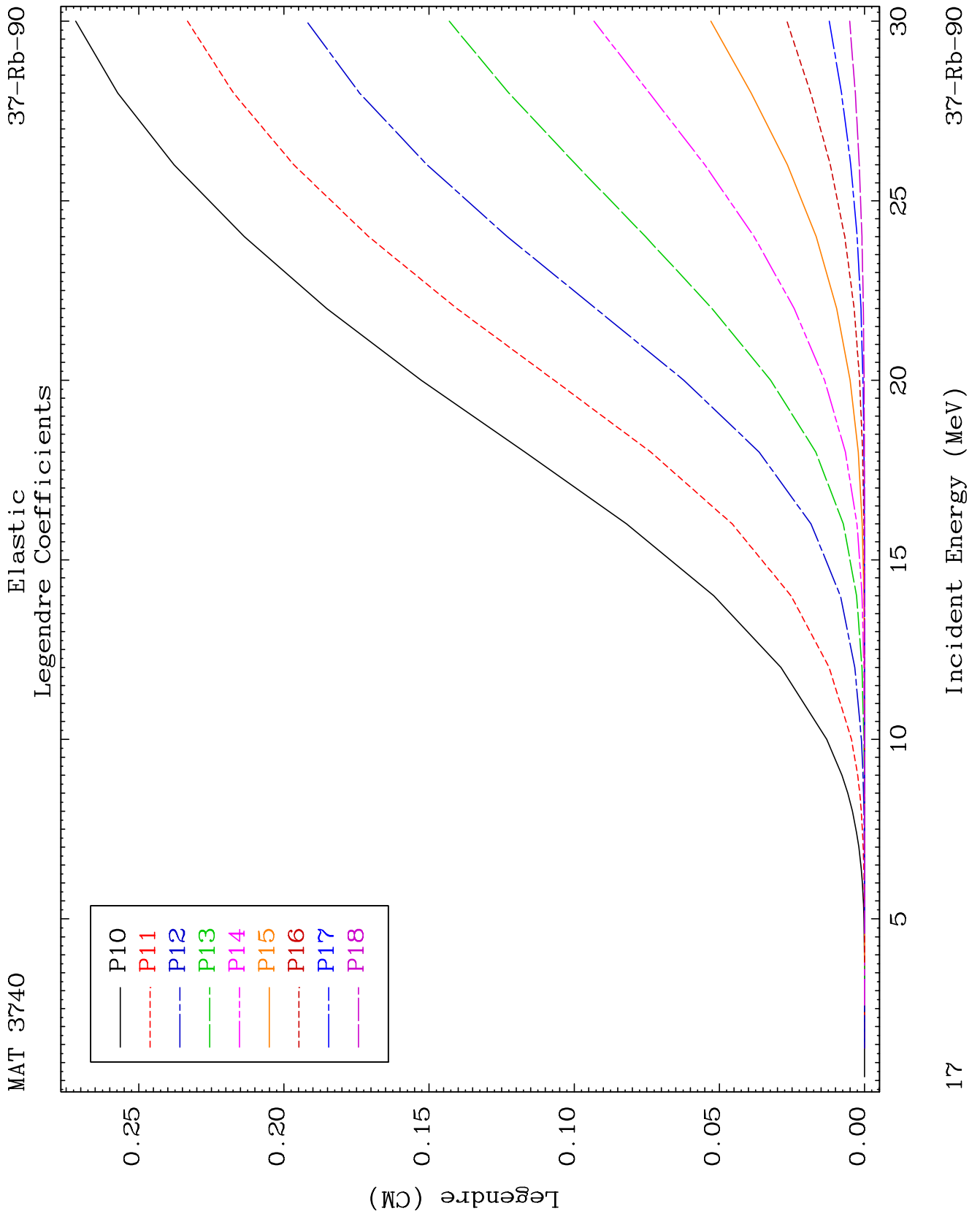


14

Incident Energy (MeV)

37-Rb-90

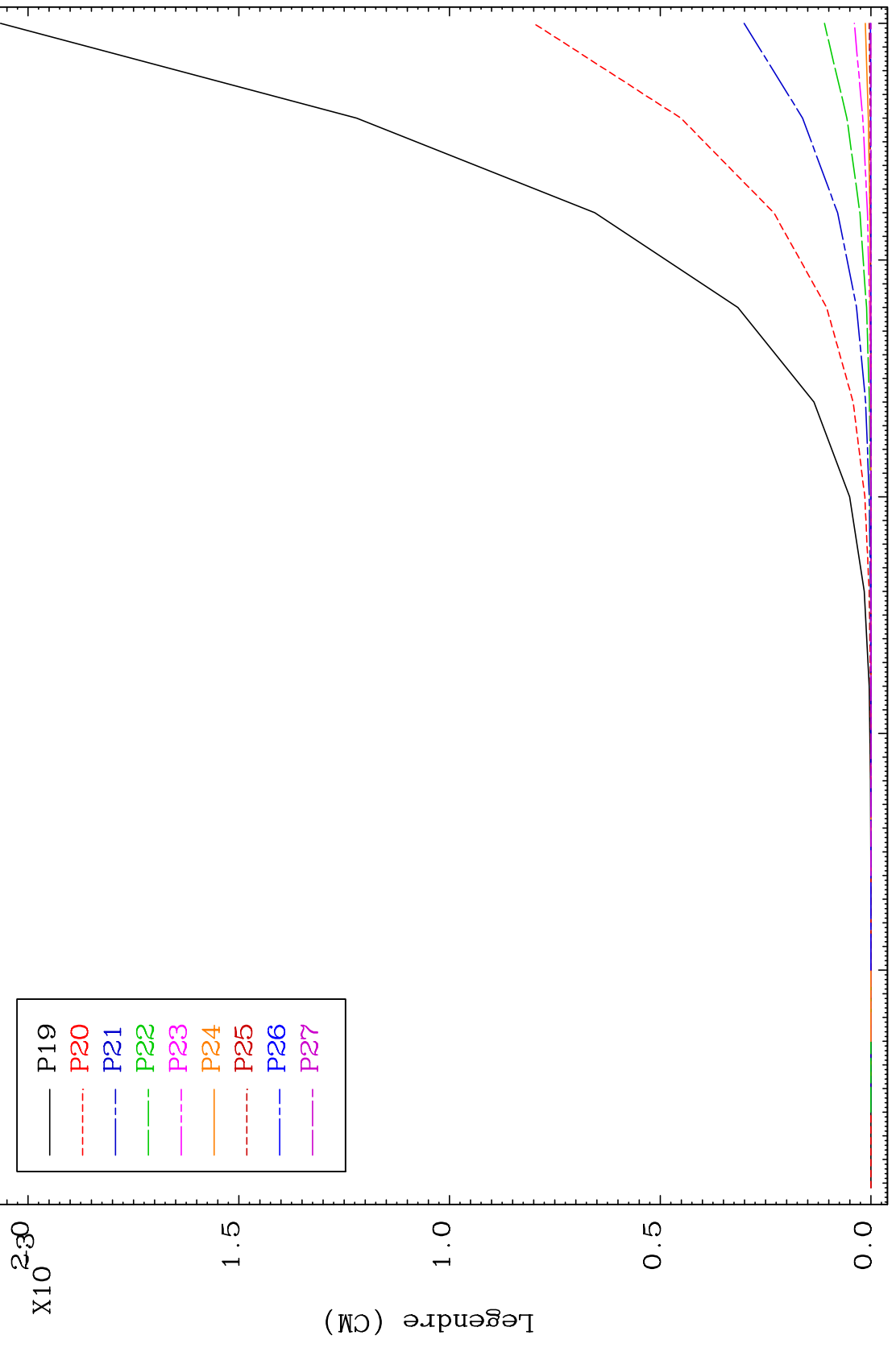




MAT 3740

Elastic Legendre Coefficients

37-Rb-90



18

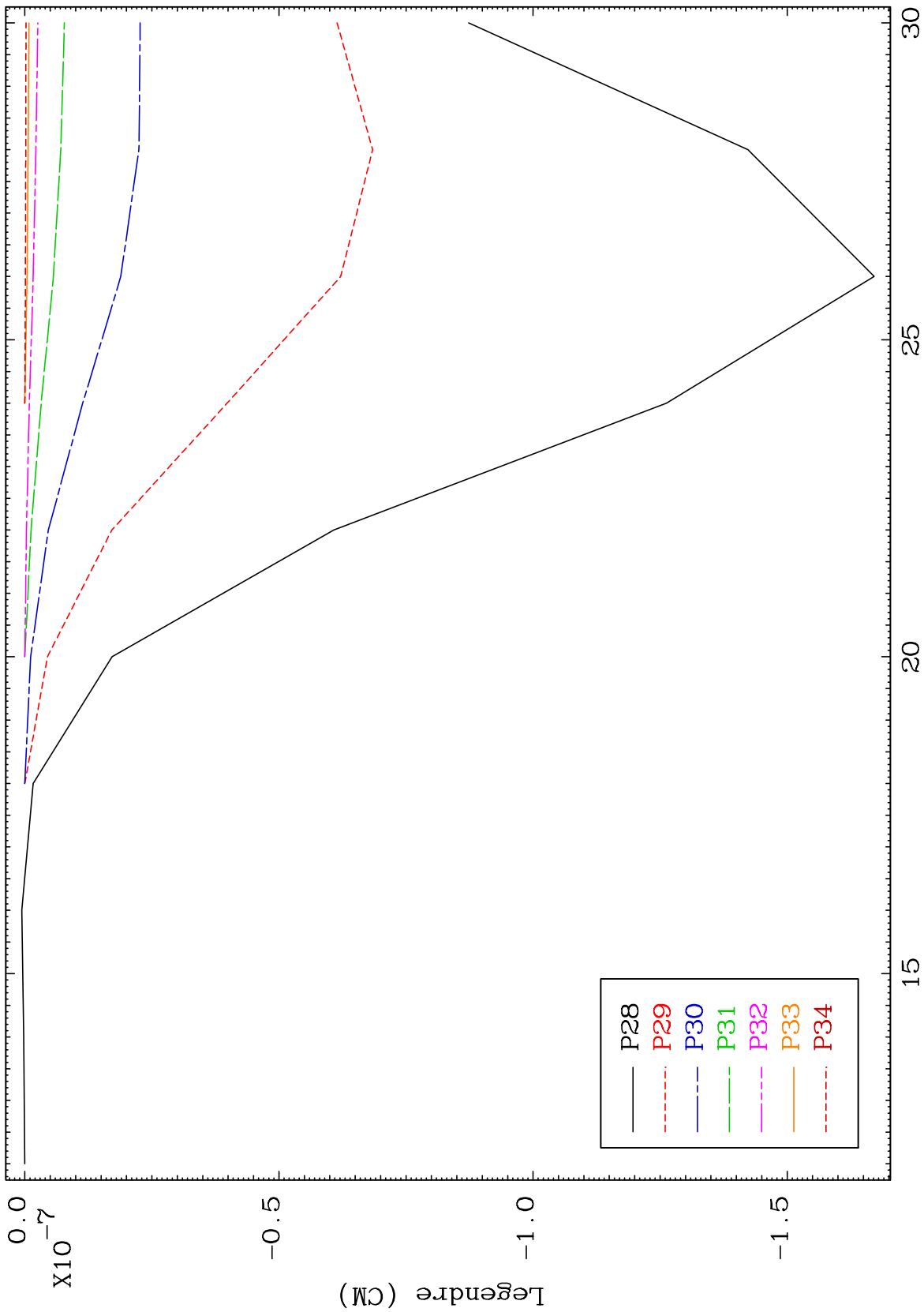
Incident Energy (MeV)

37-Rb-90

MAT 3740

37-Rb-90

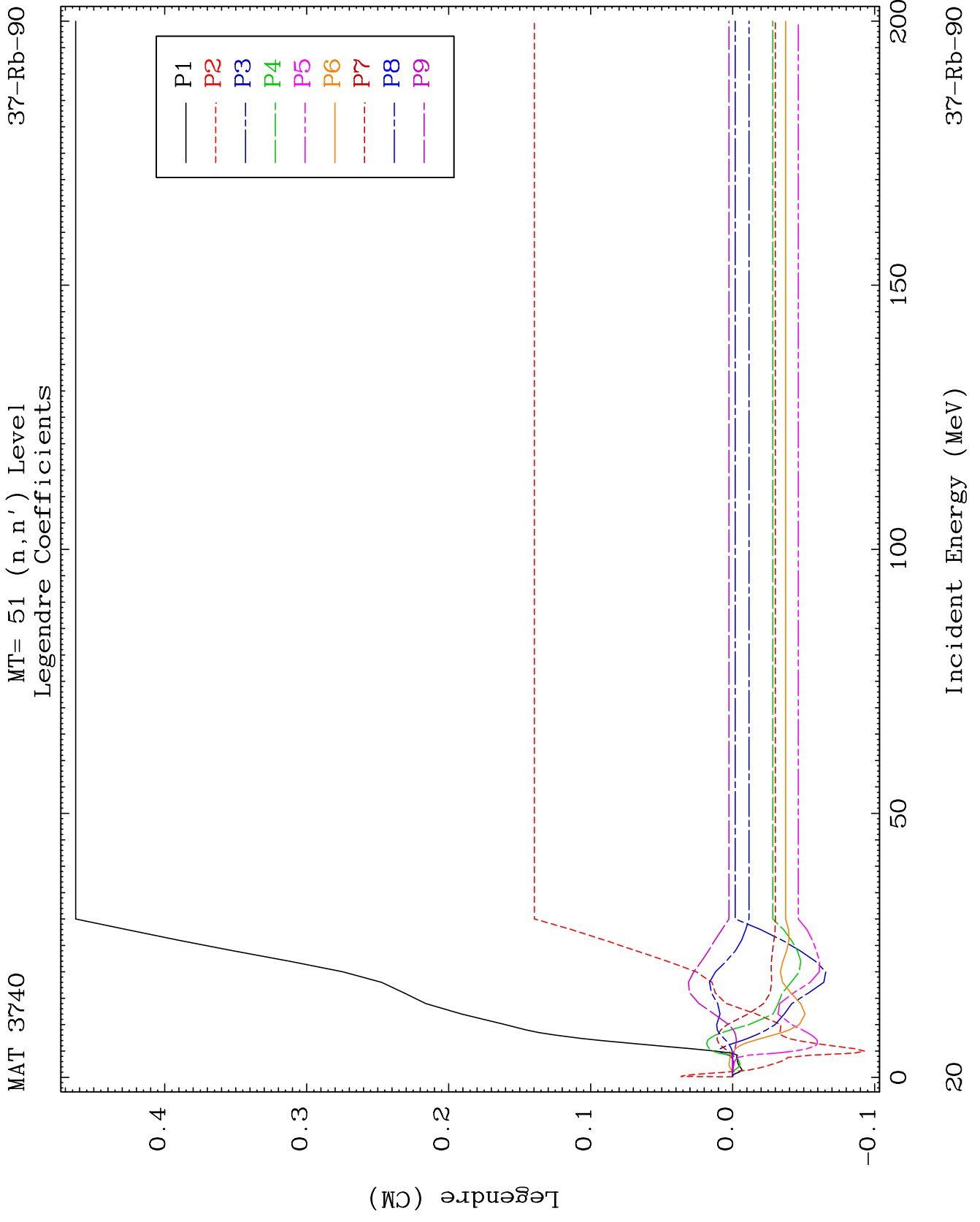
Elastic Legendre Coefficients

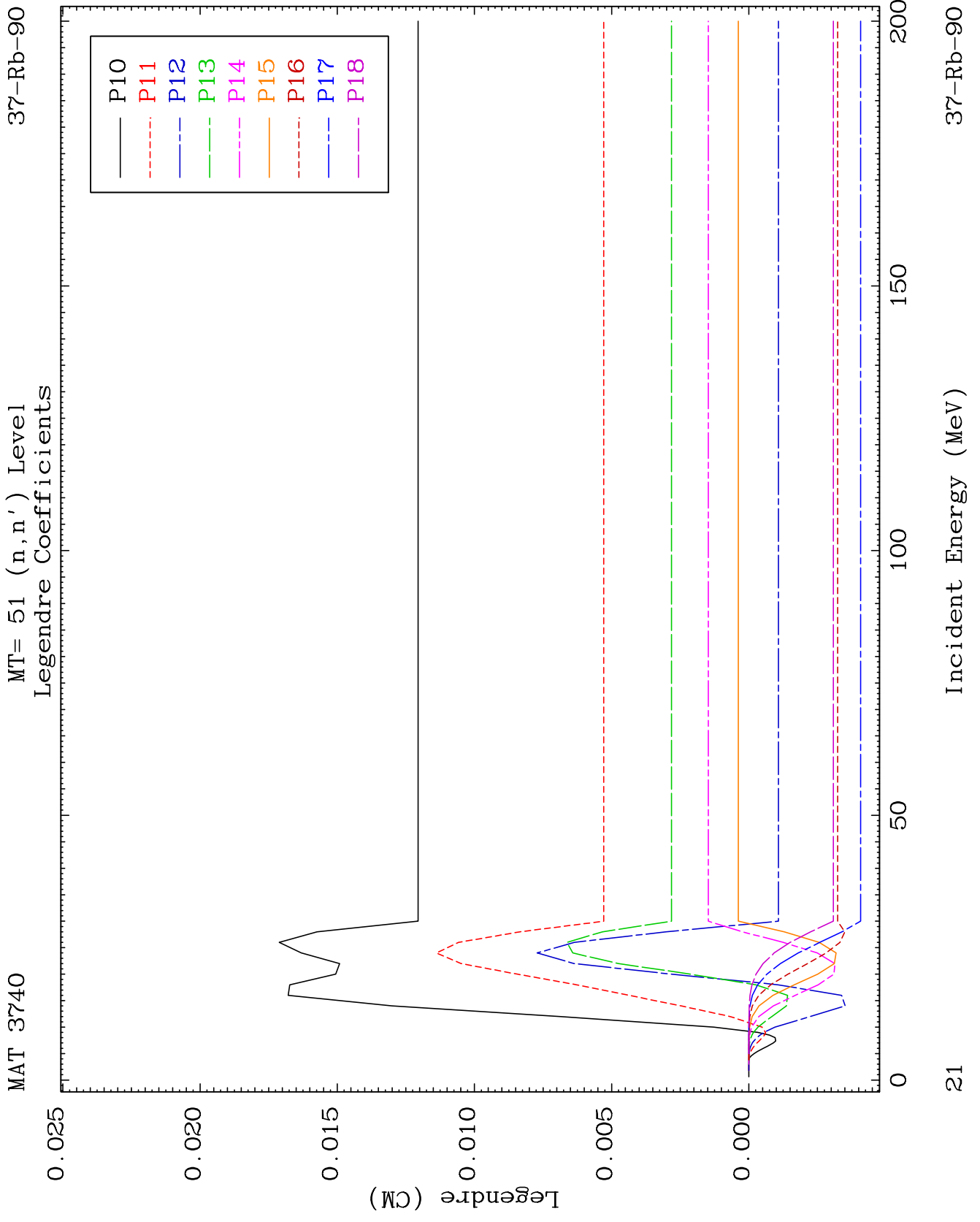


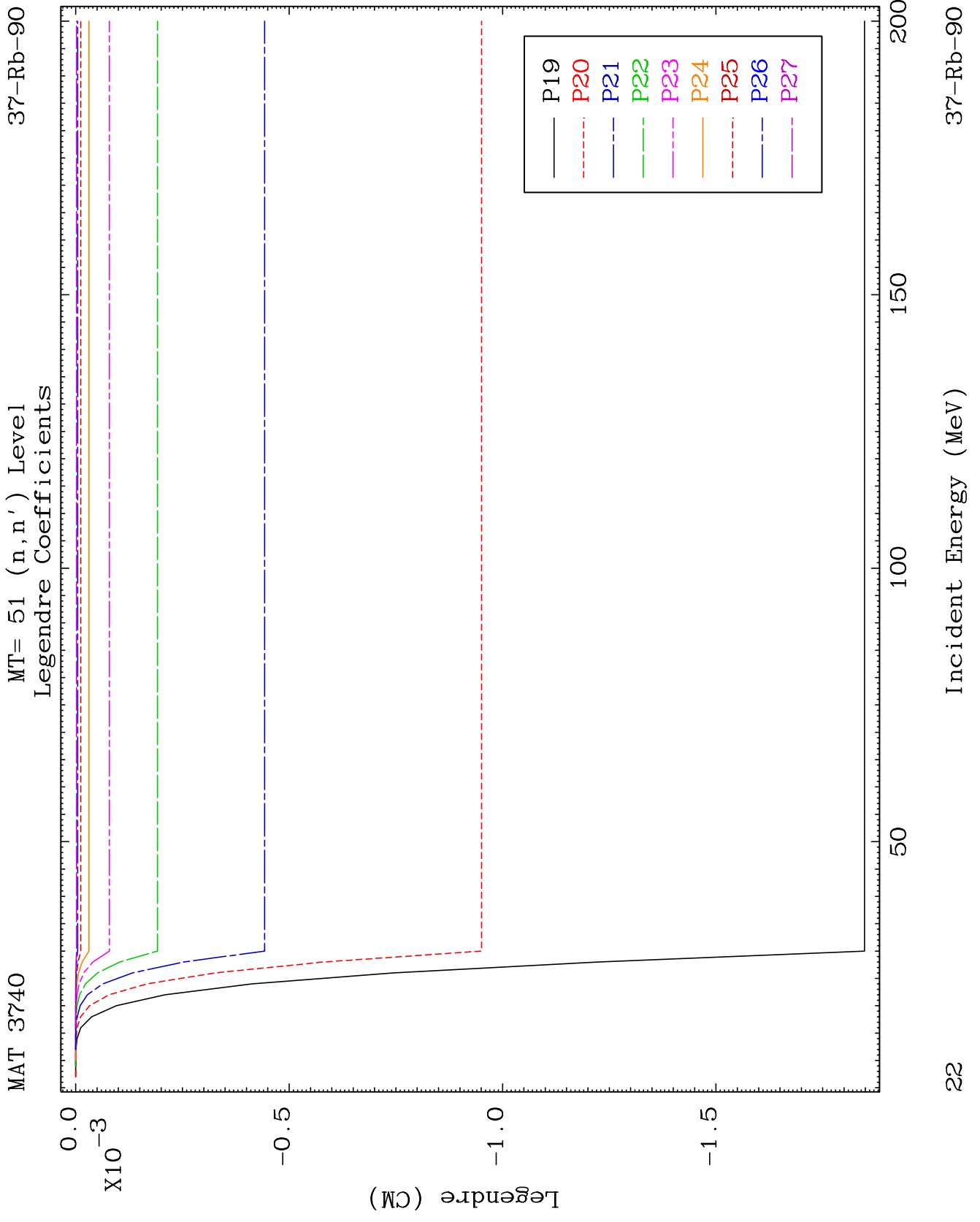
19

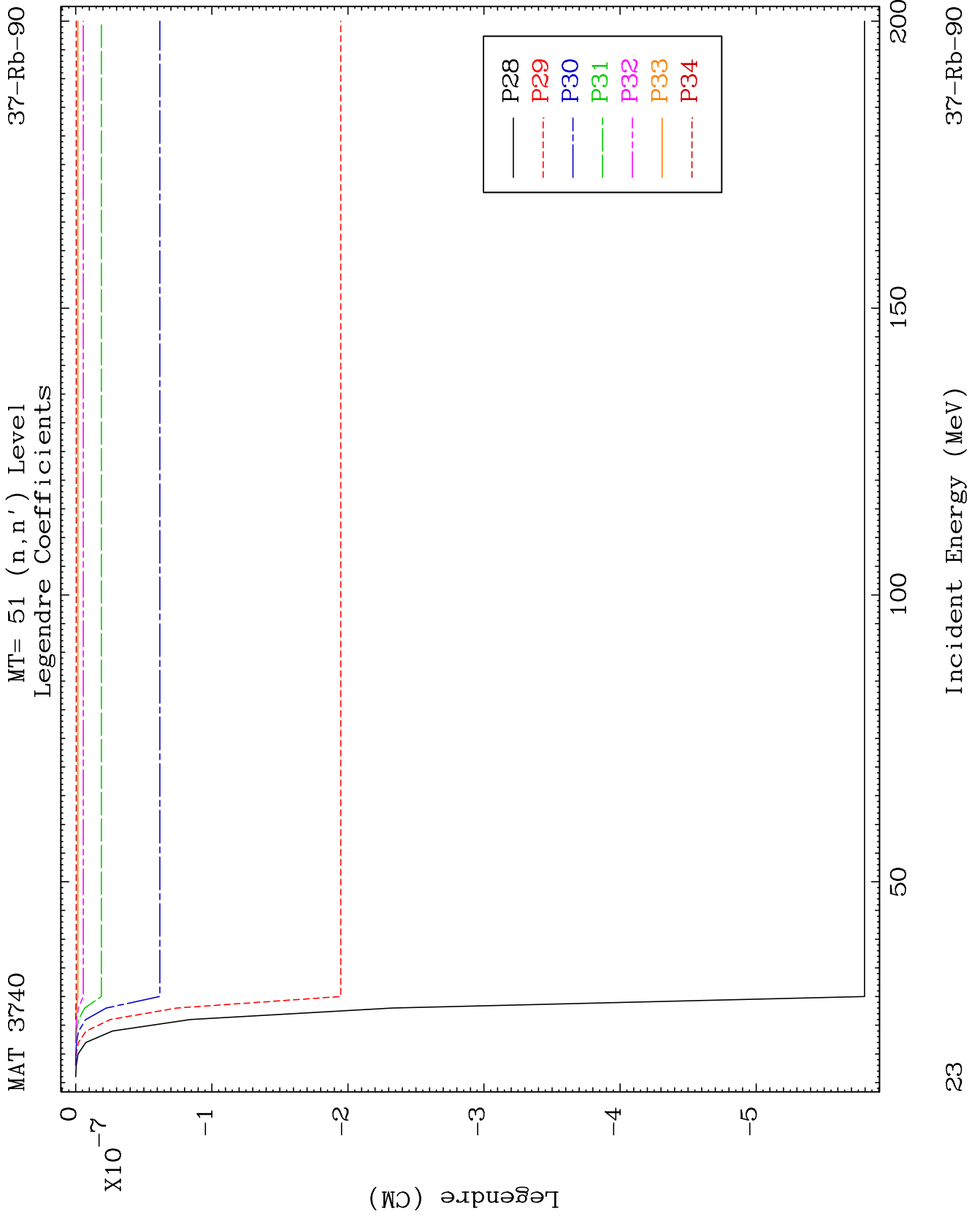
Incident Energy (MeV)

37-Rb-90





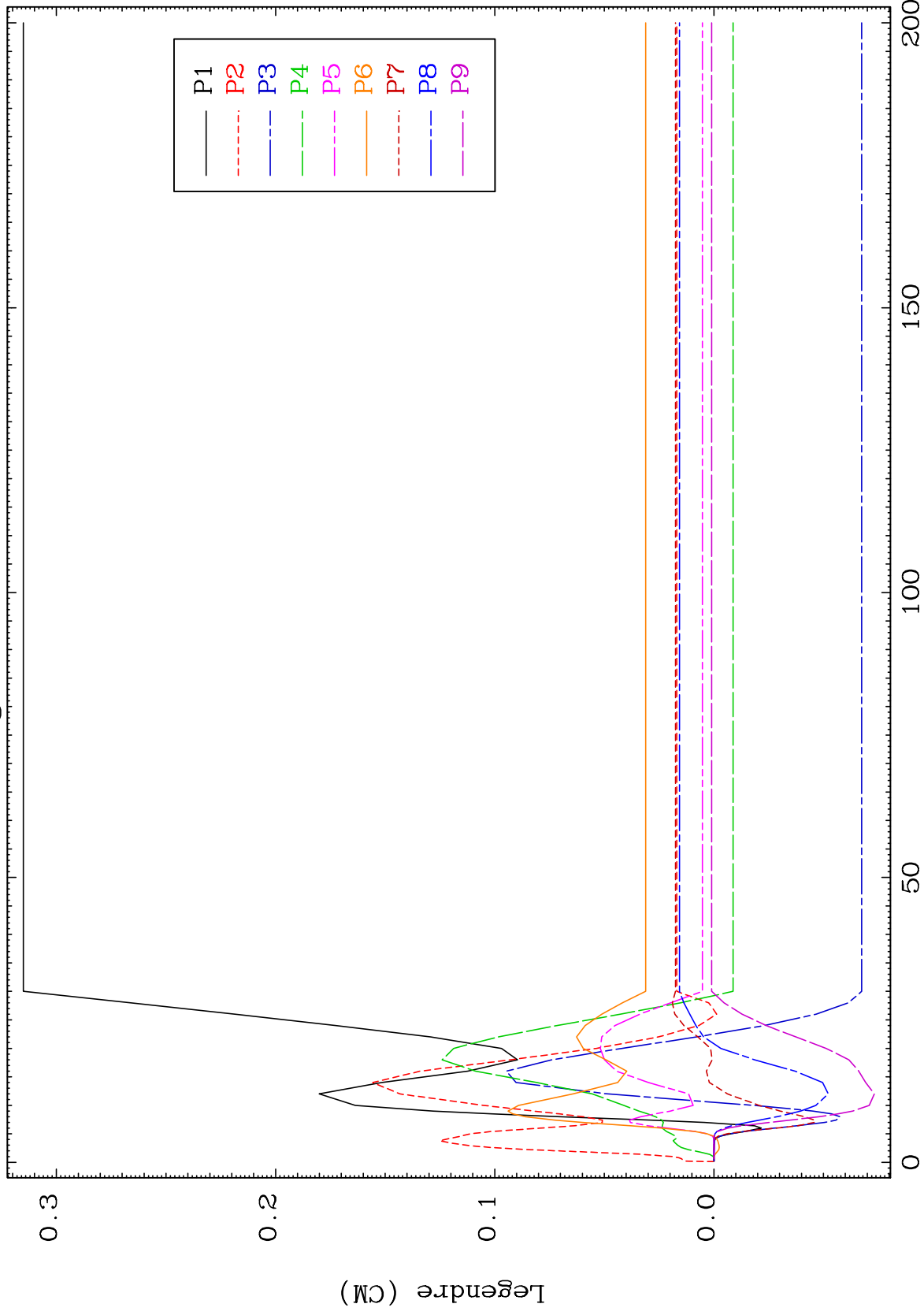




MAT 3740

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

37-Rb-90



24

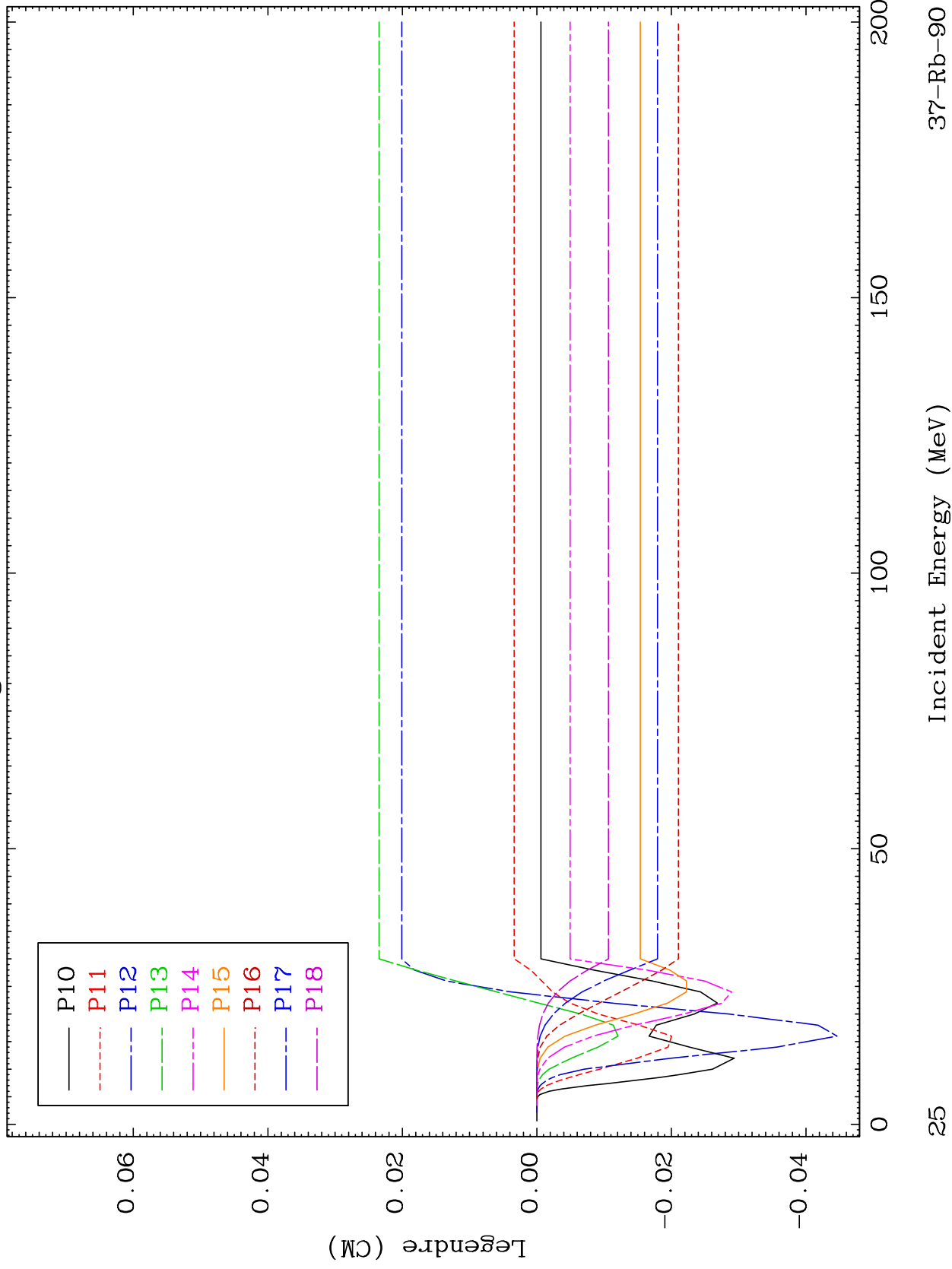
Incident Energy (MeV)

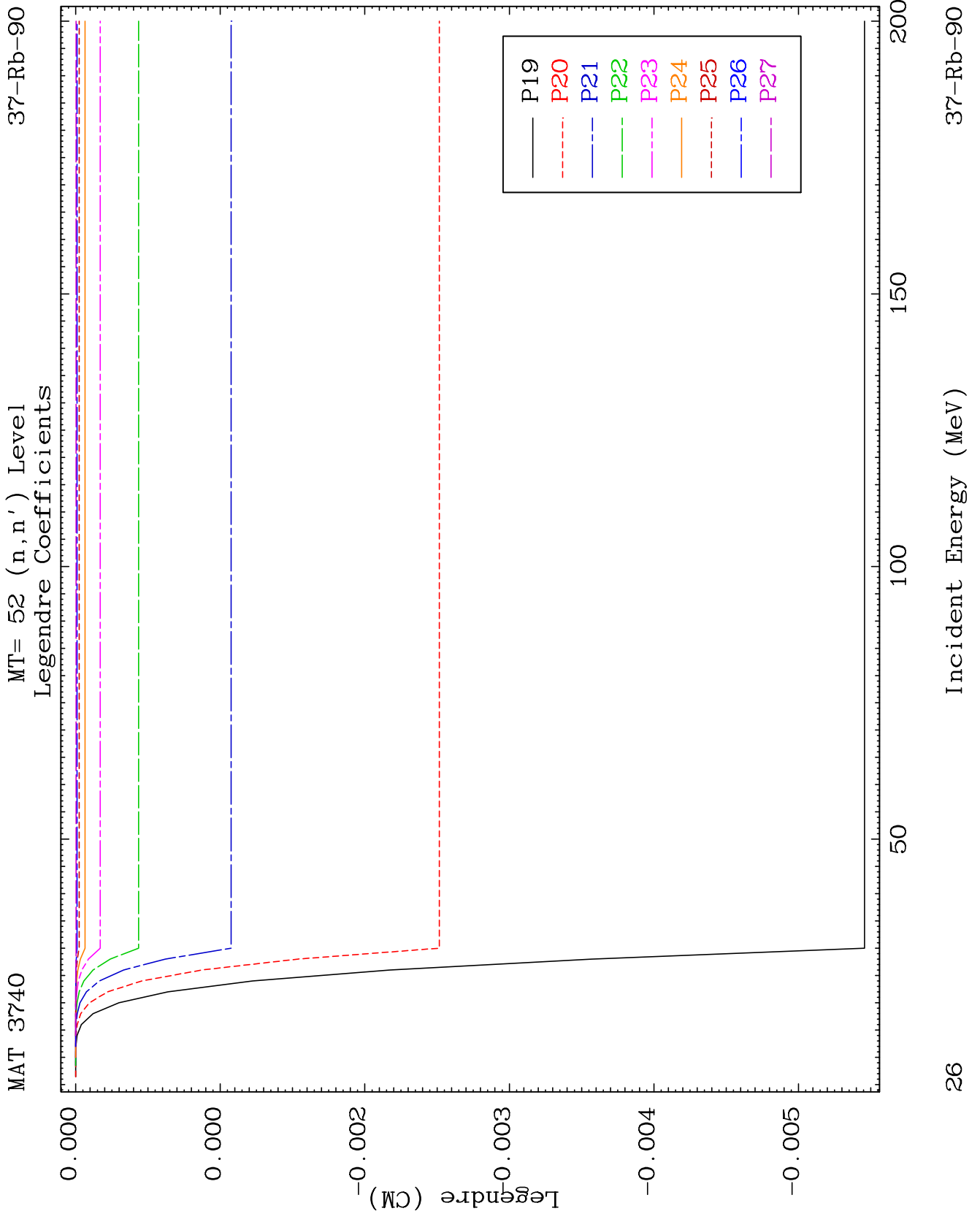
37-Rb-90

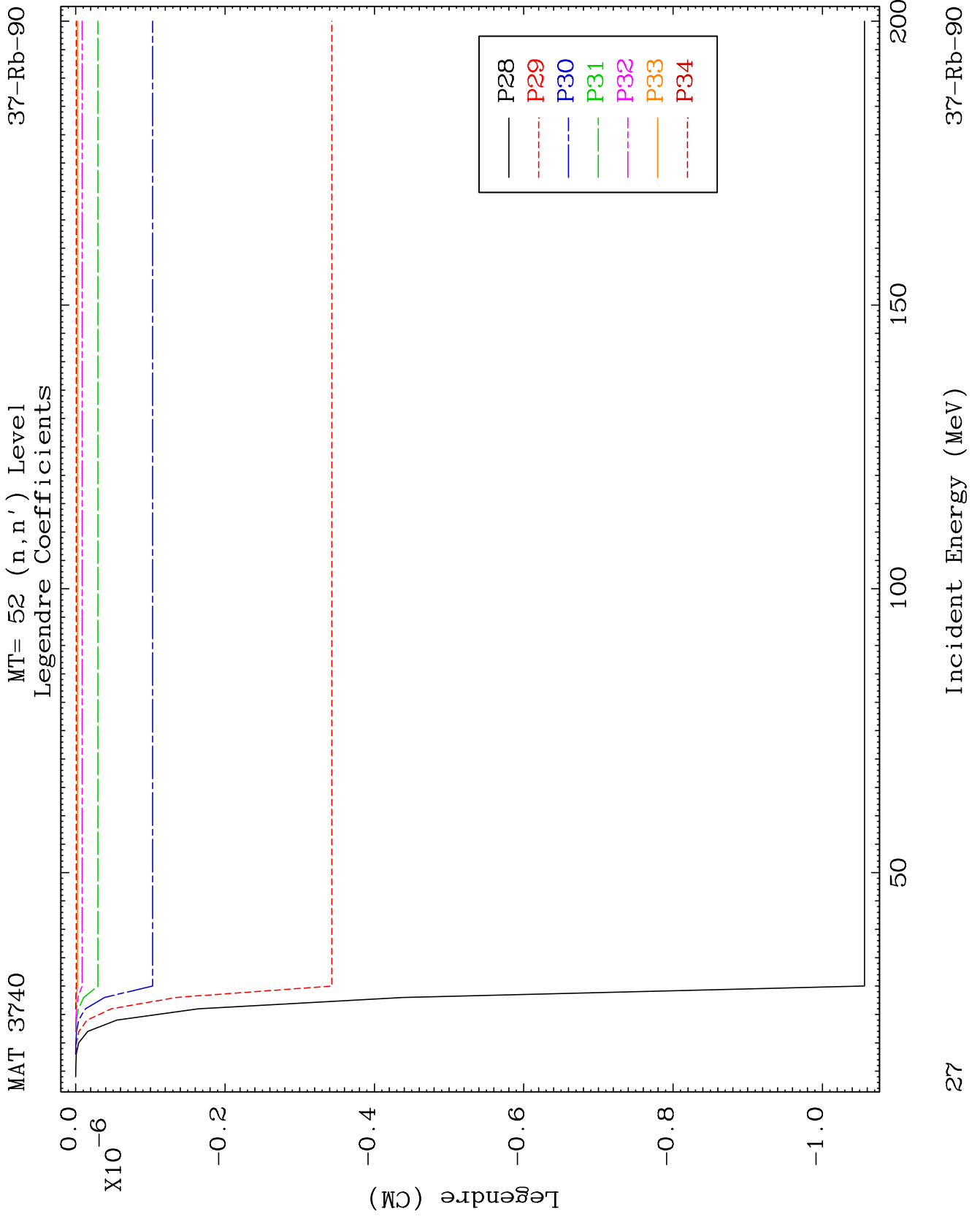
MAT 3740

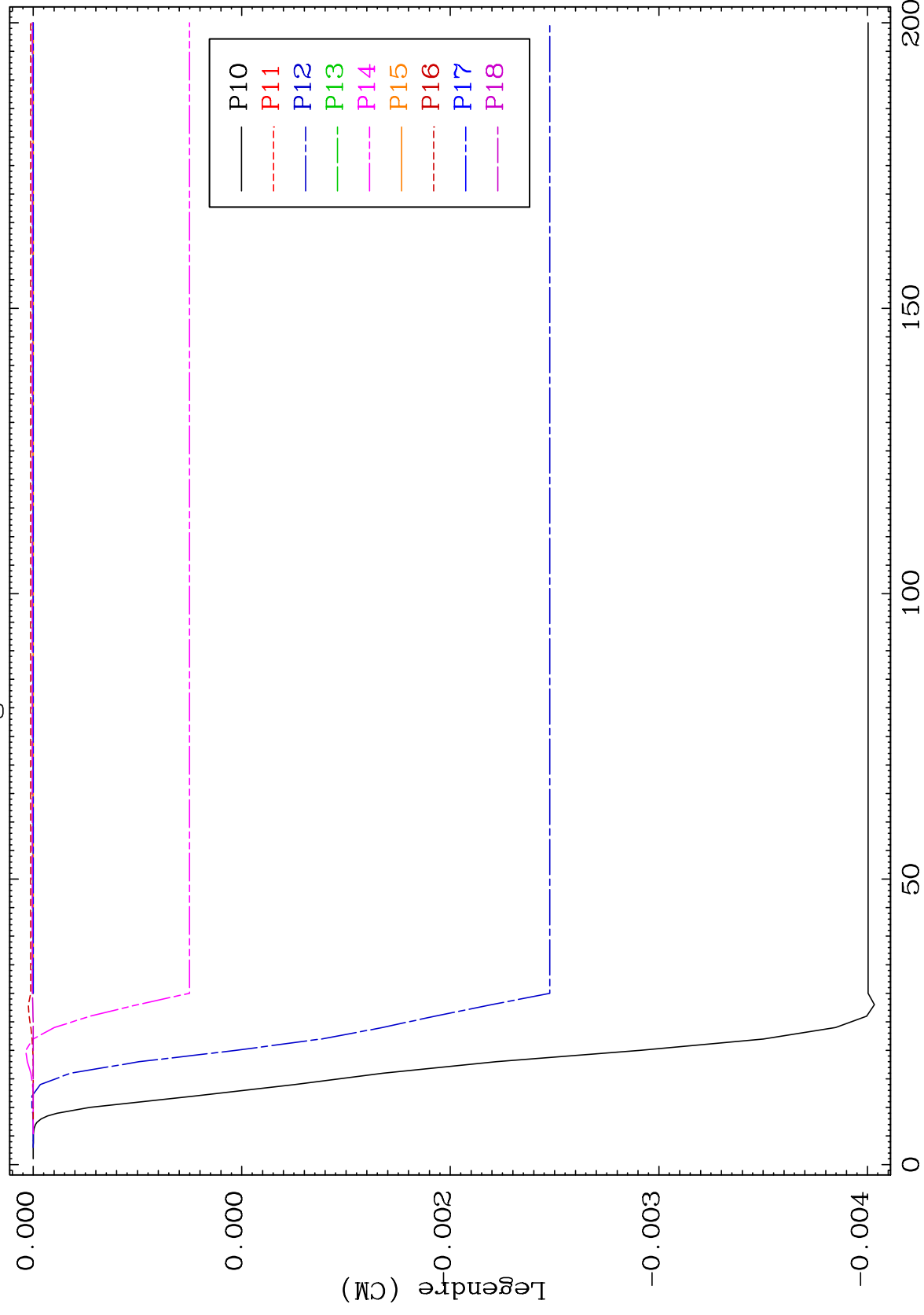
MT= 52 (n,n') Level
Legendre Coefficients

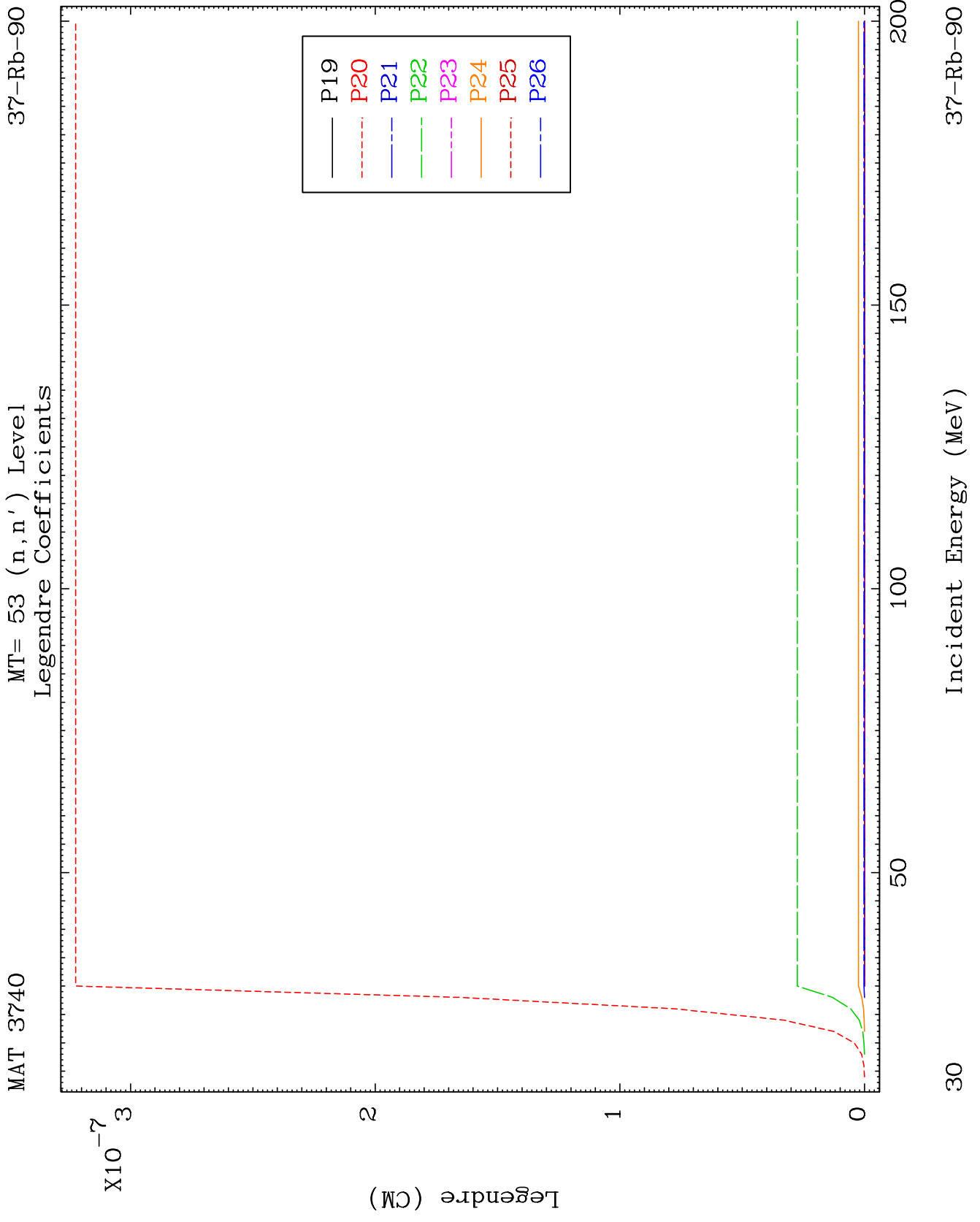
37-Rb-90

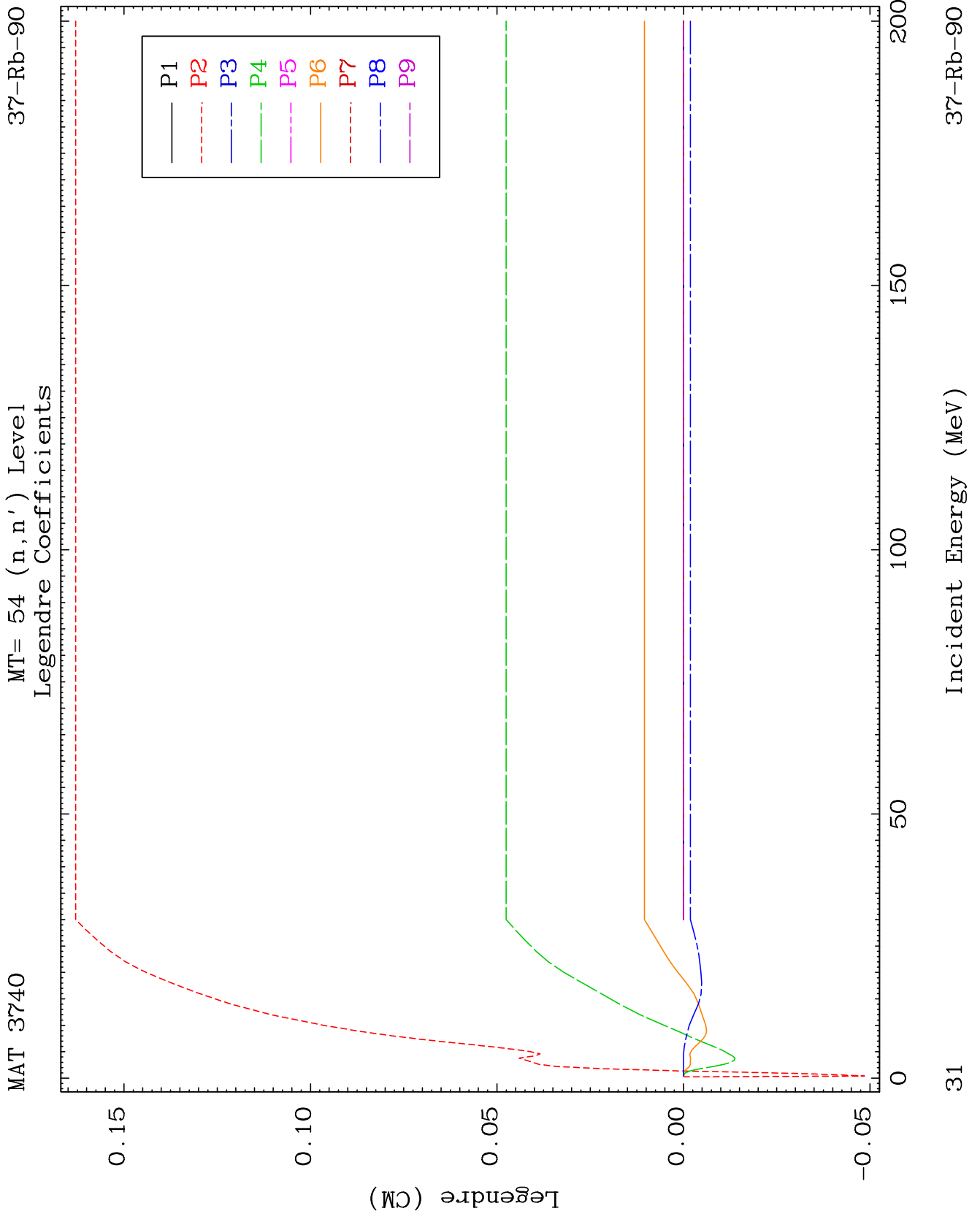


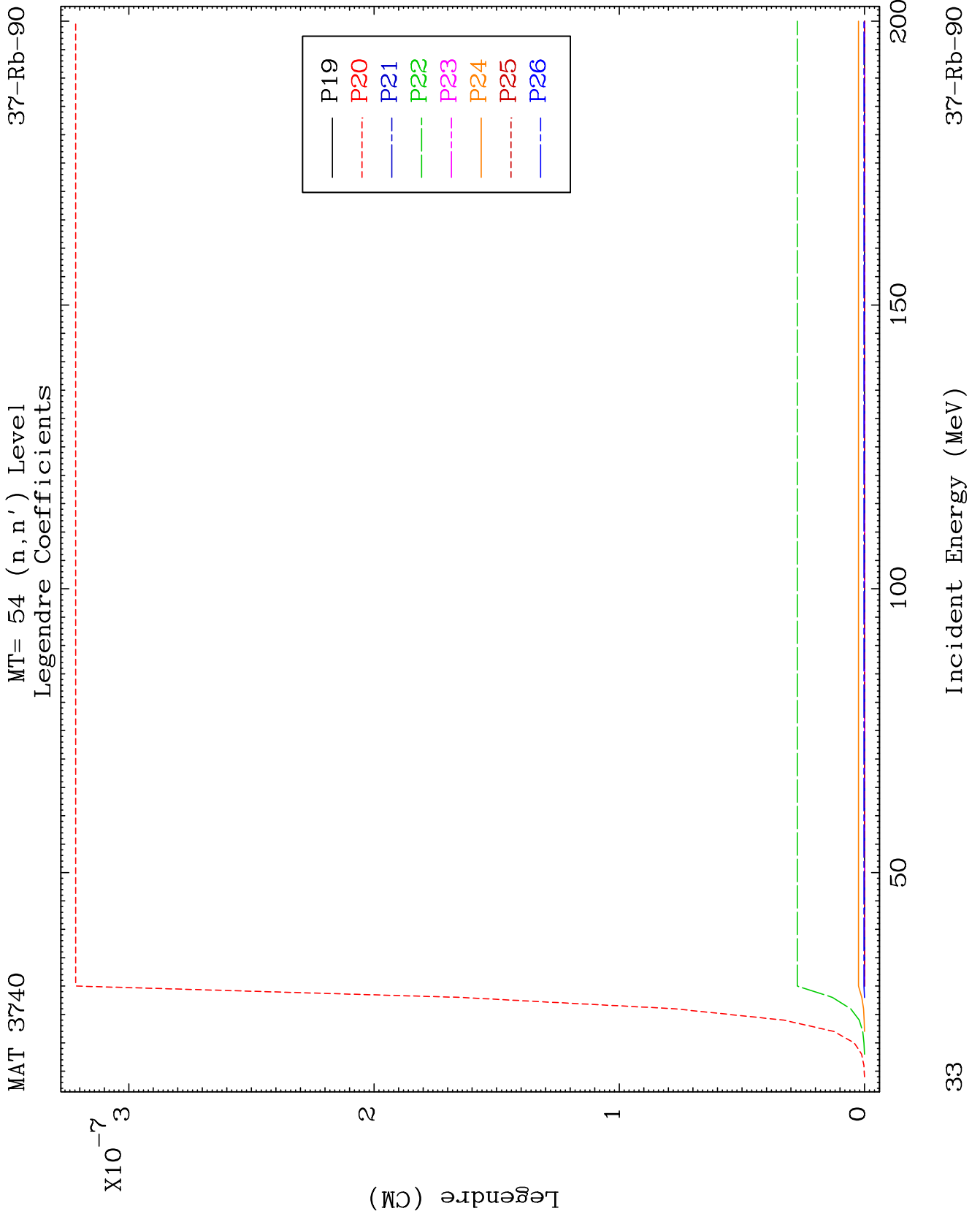








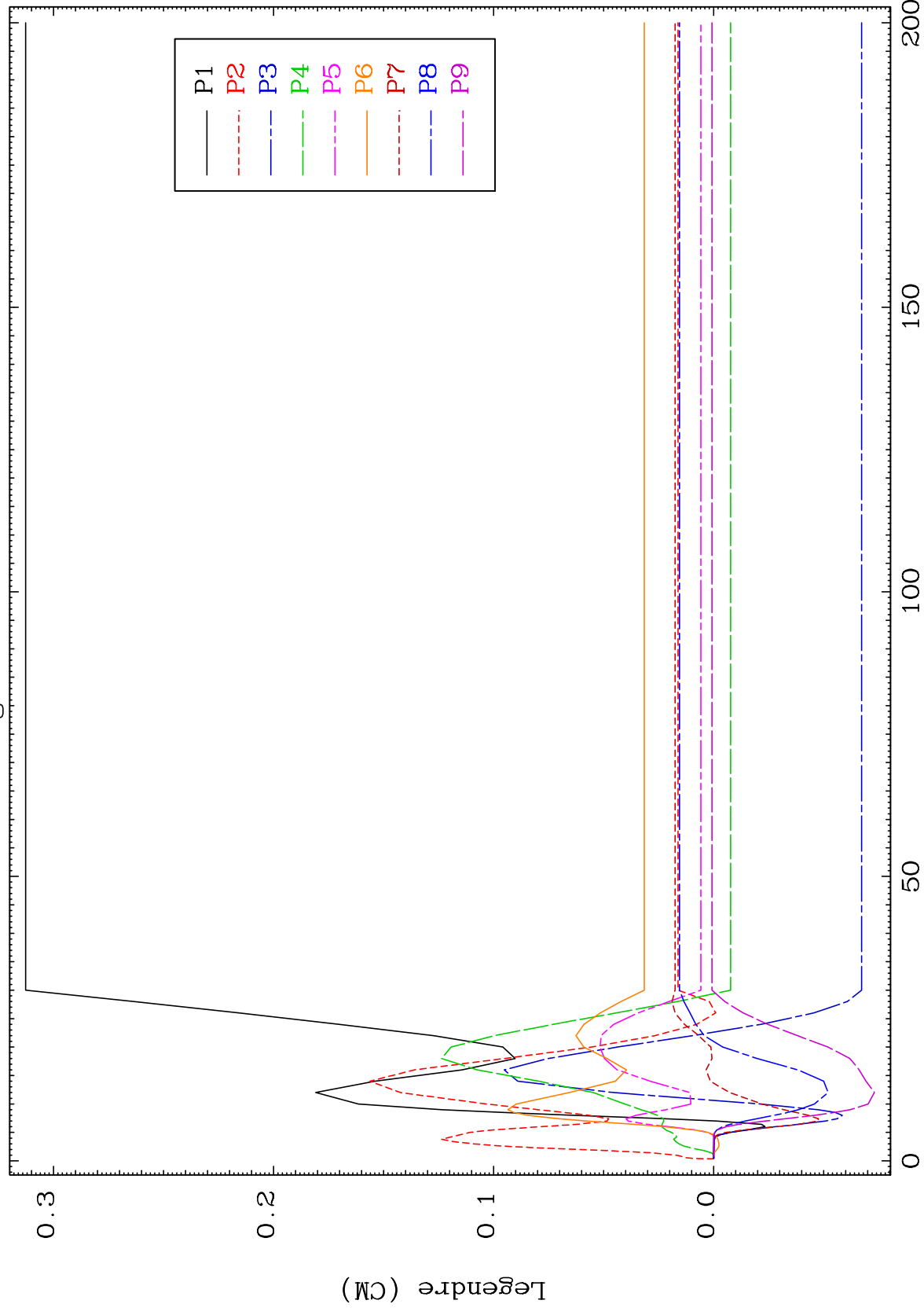




MAT 3740

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

37-Rb-90



34

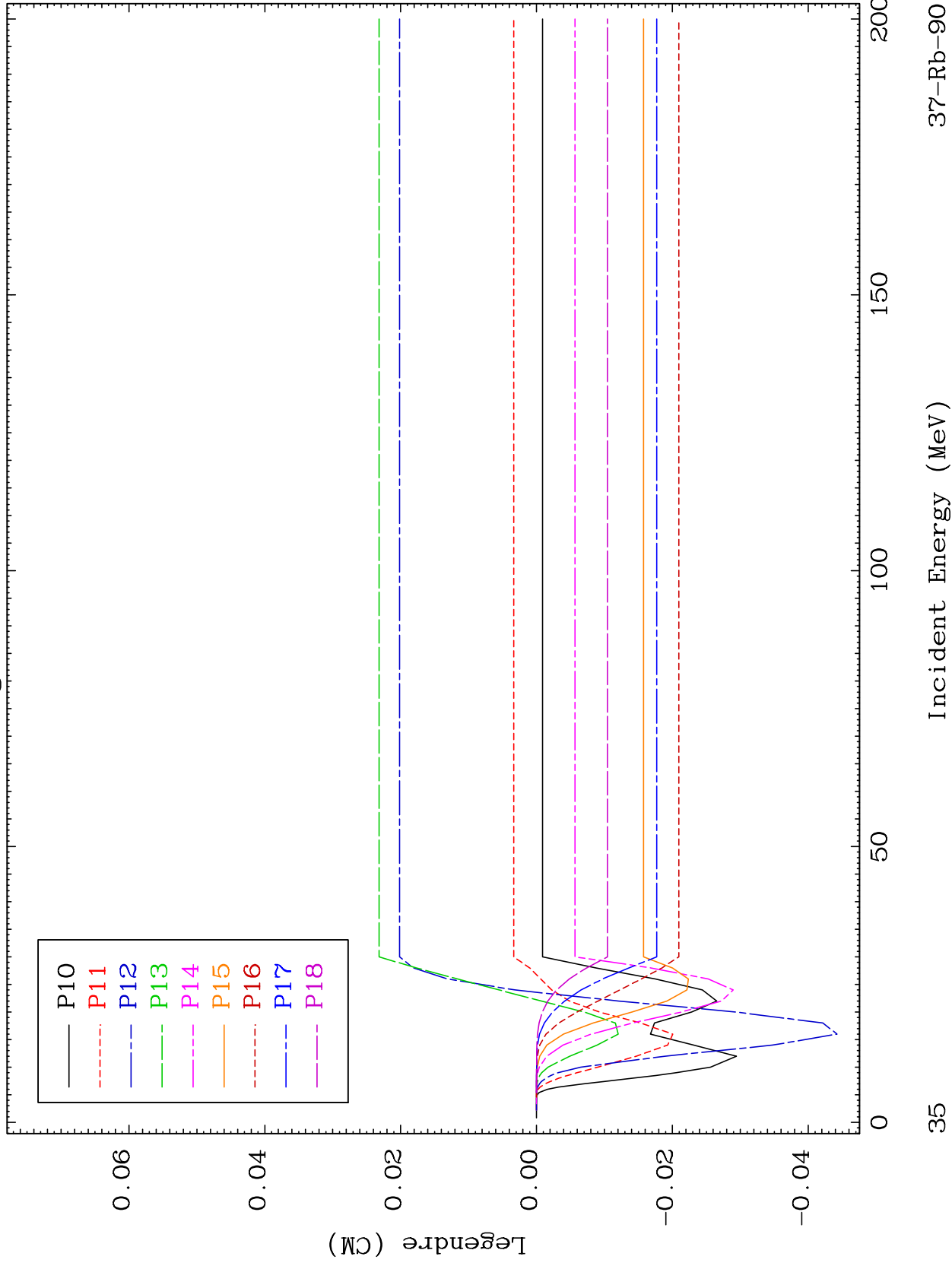
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

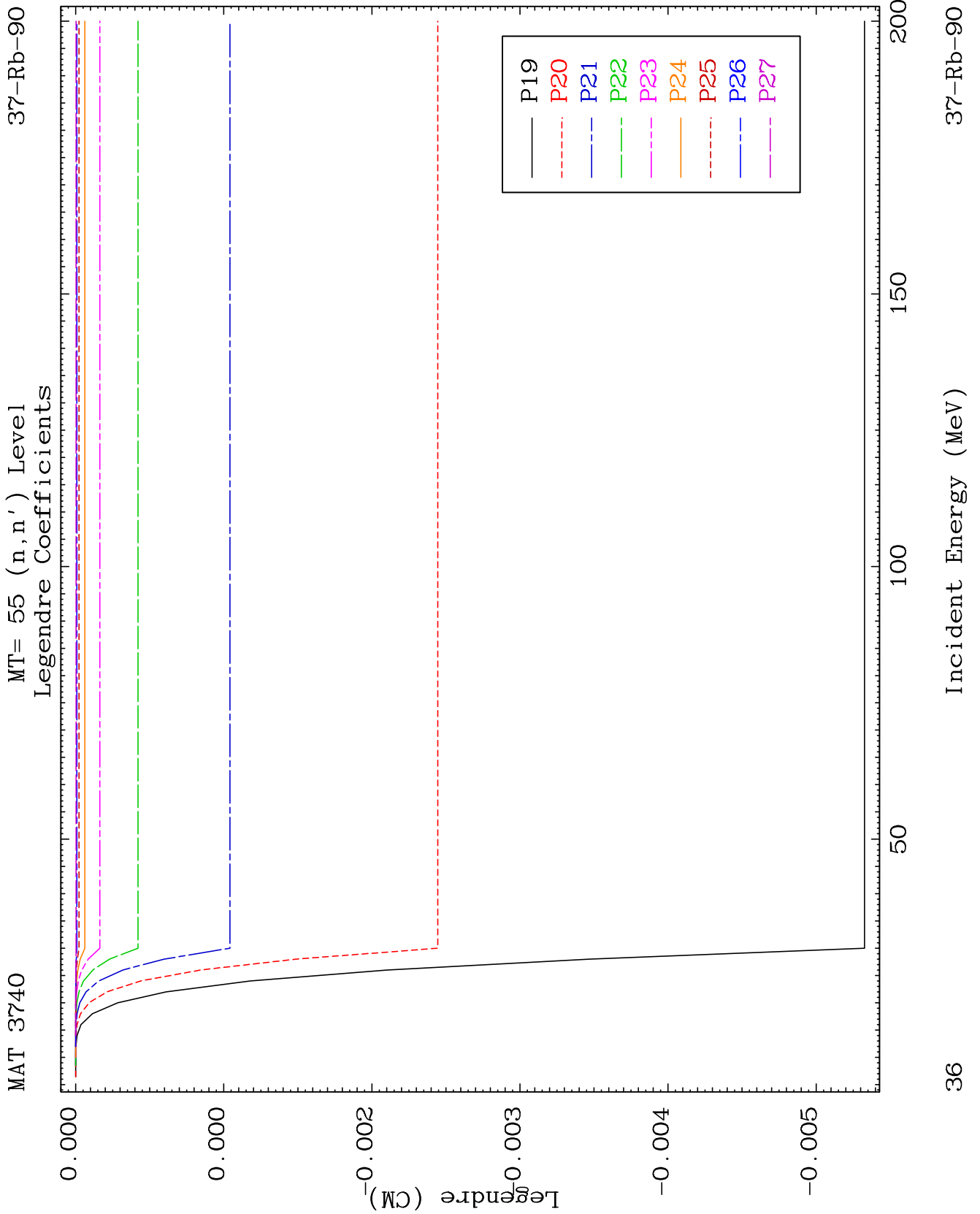
37-Rb-90

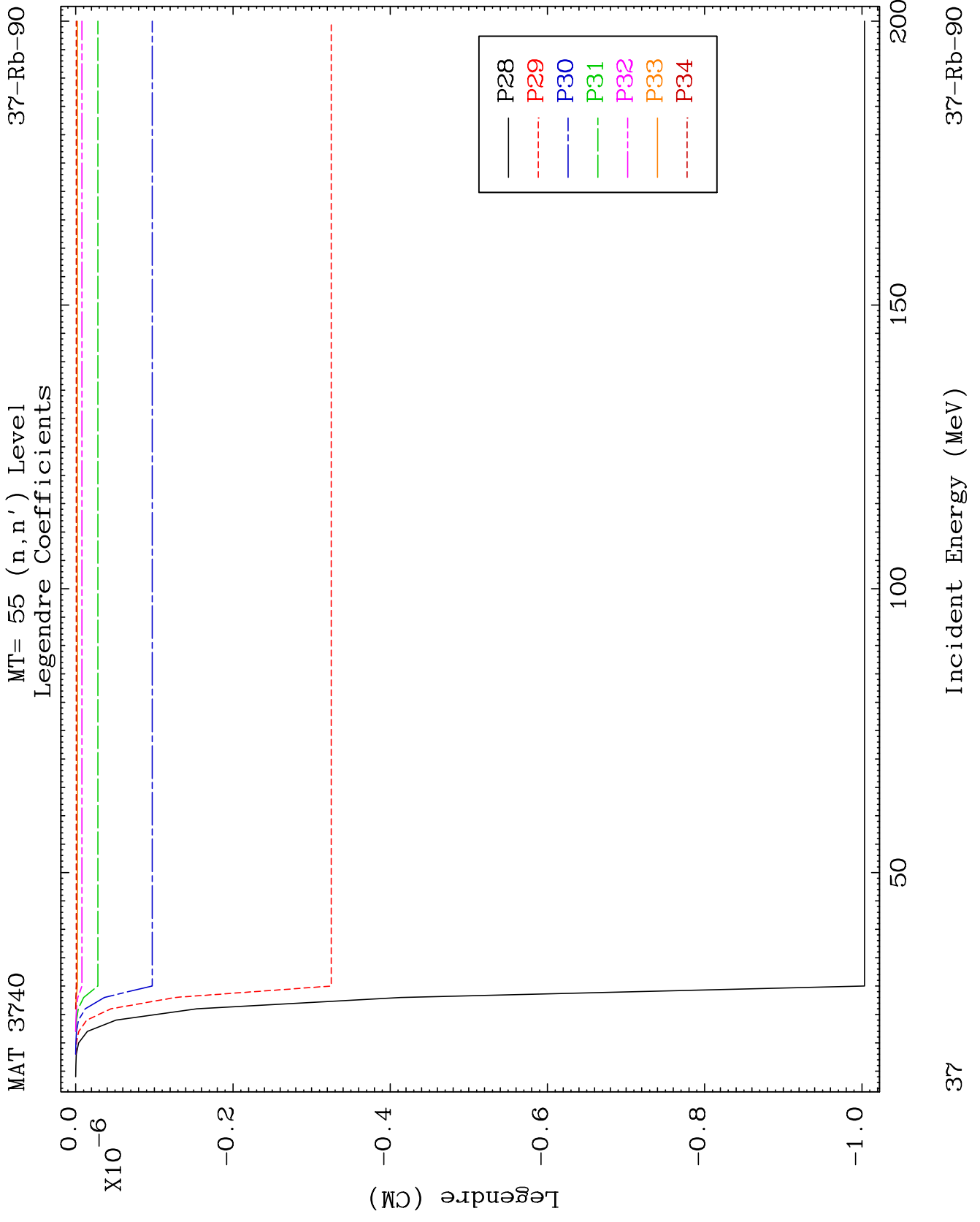


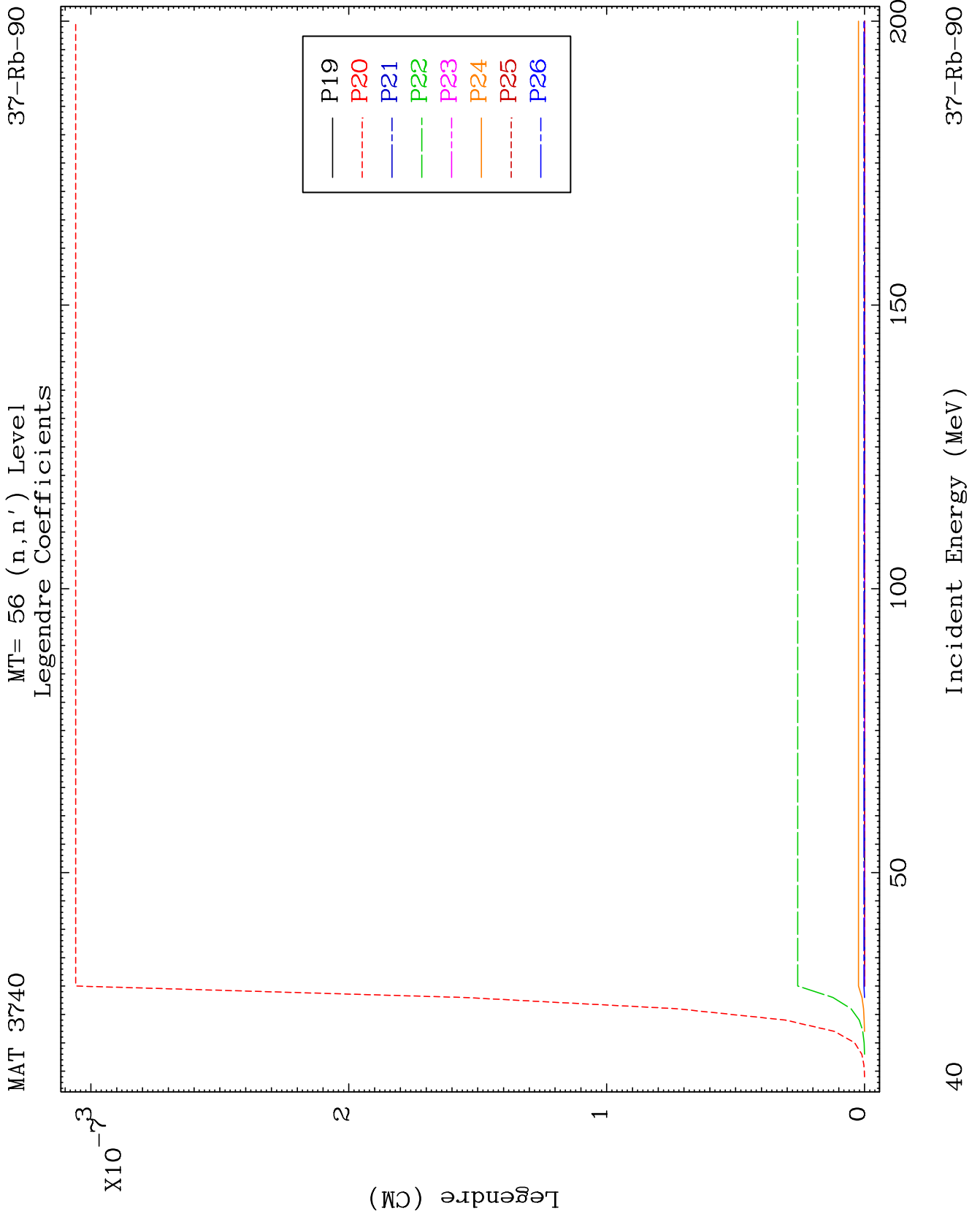
37-Rb-90

Incident Energy (MeV)

35



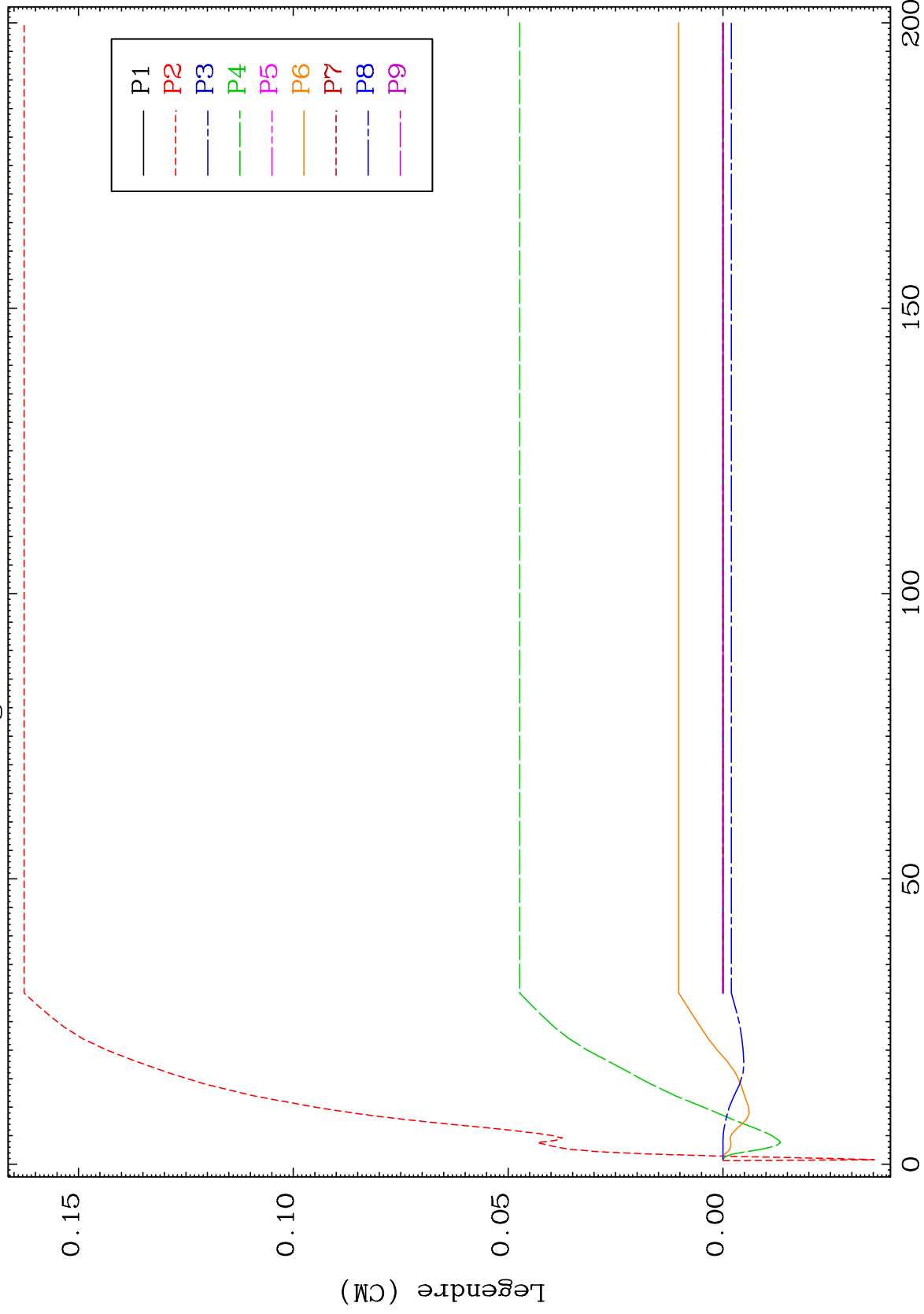




MAT 3740

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

37-Rb-90



41

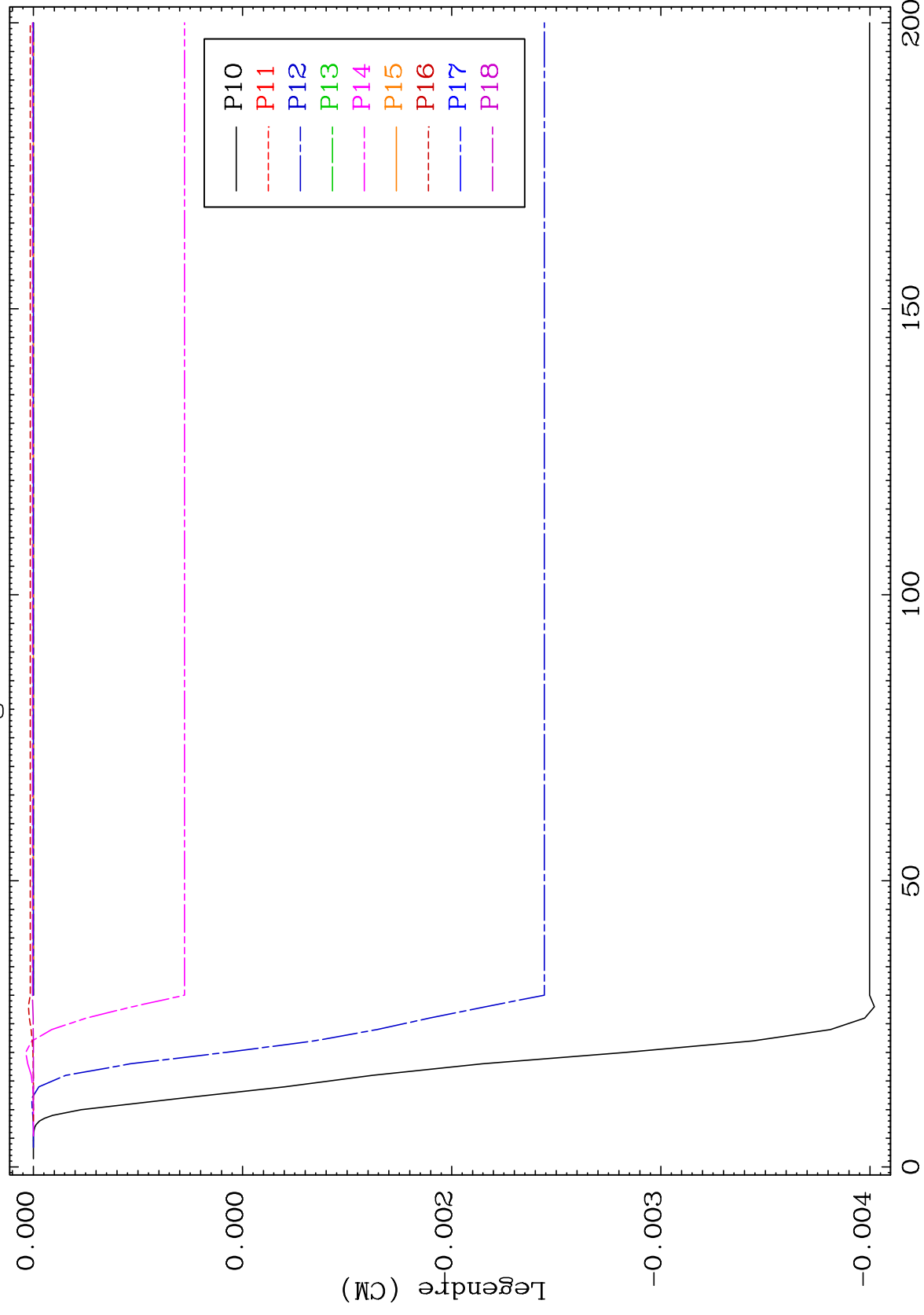
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

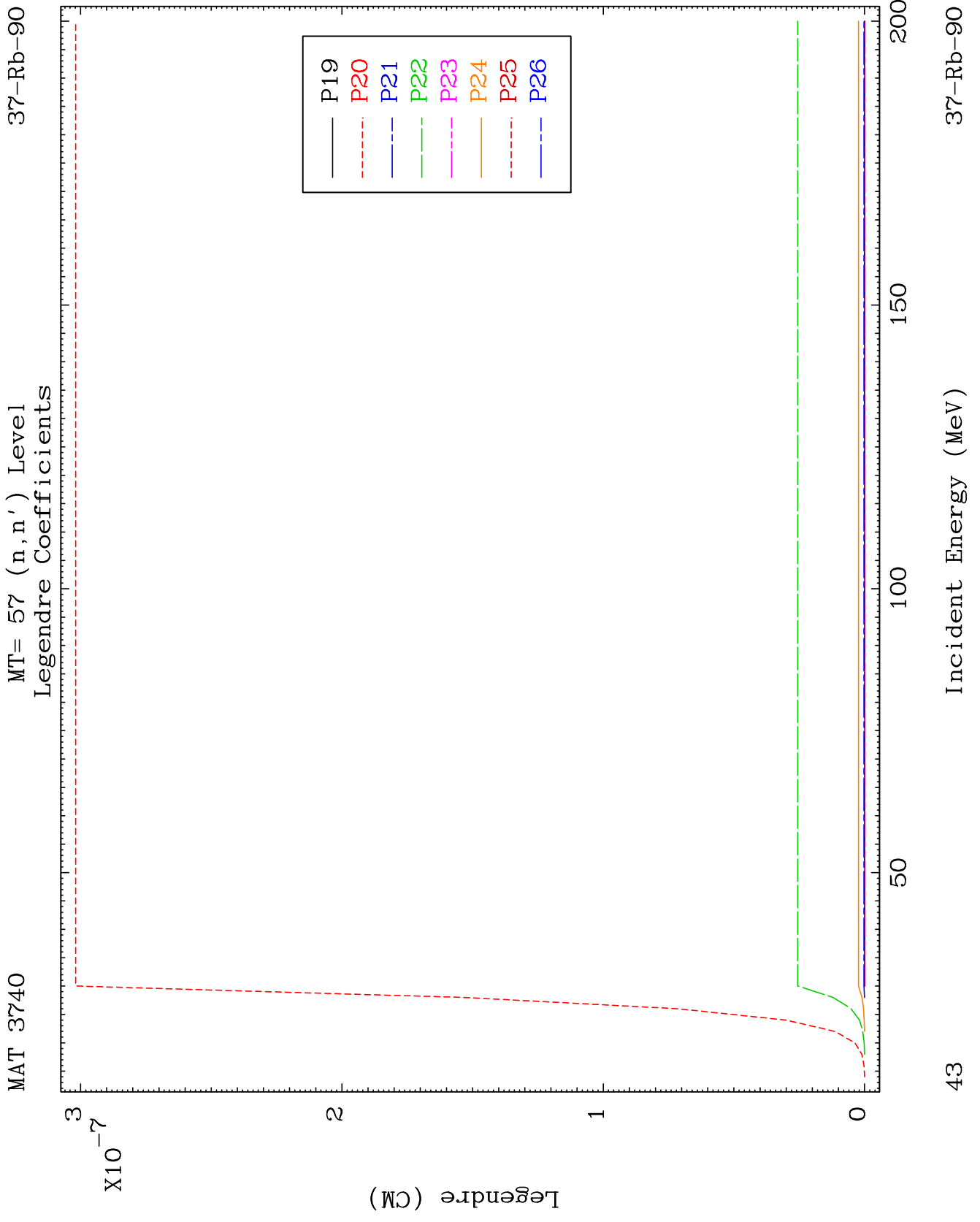
37-Rb-90



37-Rb-90

Incident Energy (MeV)

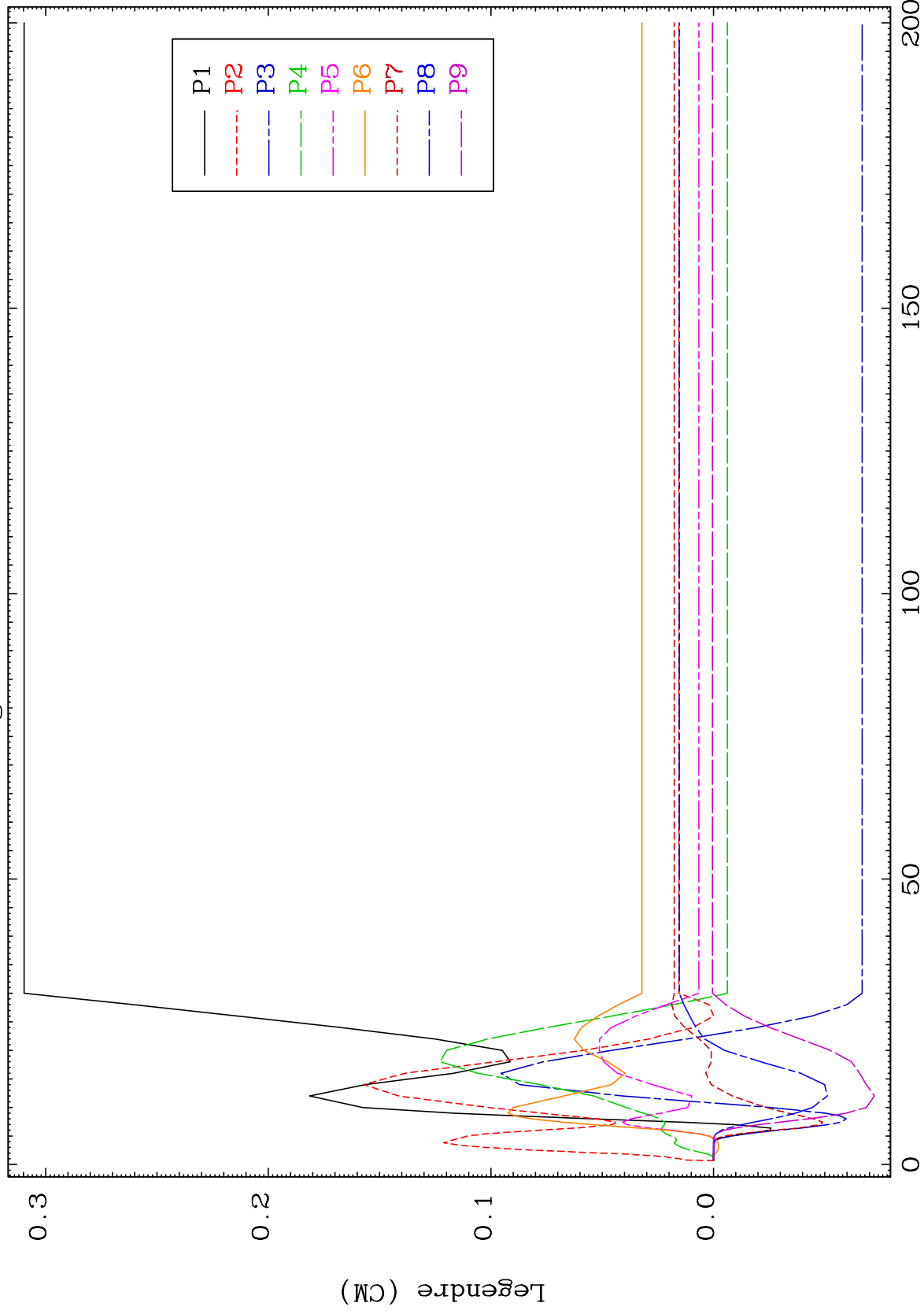
42



MAT 3740

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

37-Rb-90



44

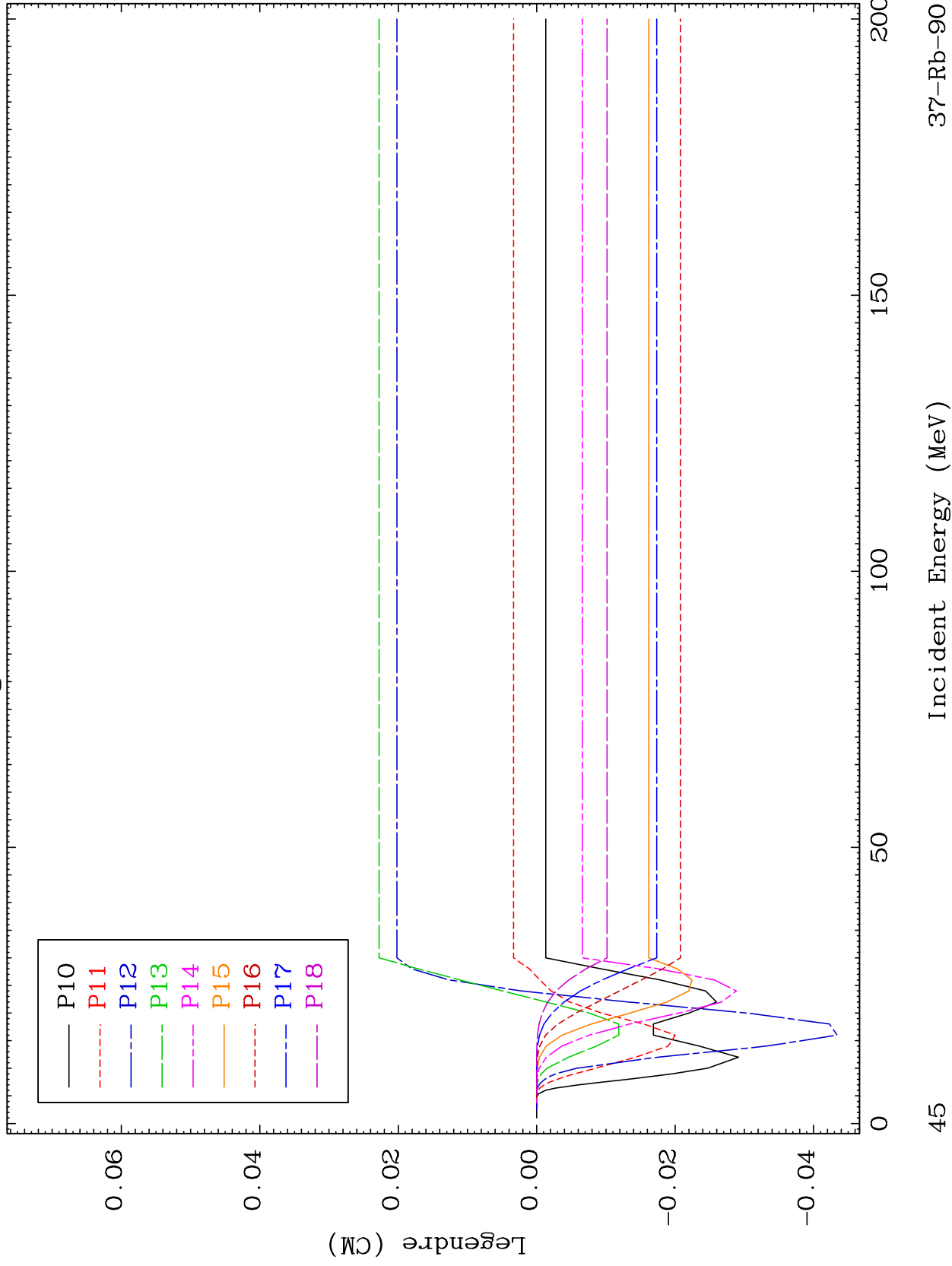
Incident Energy (MeV)

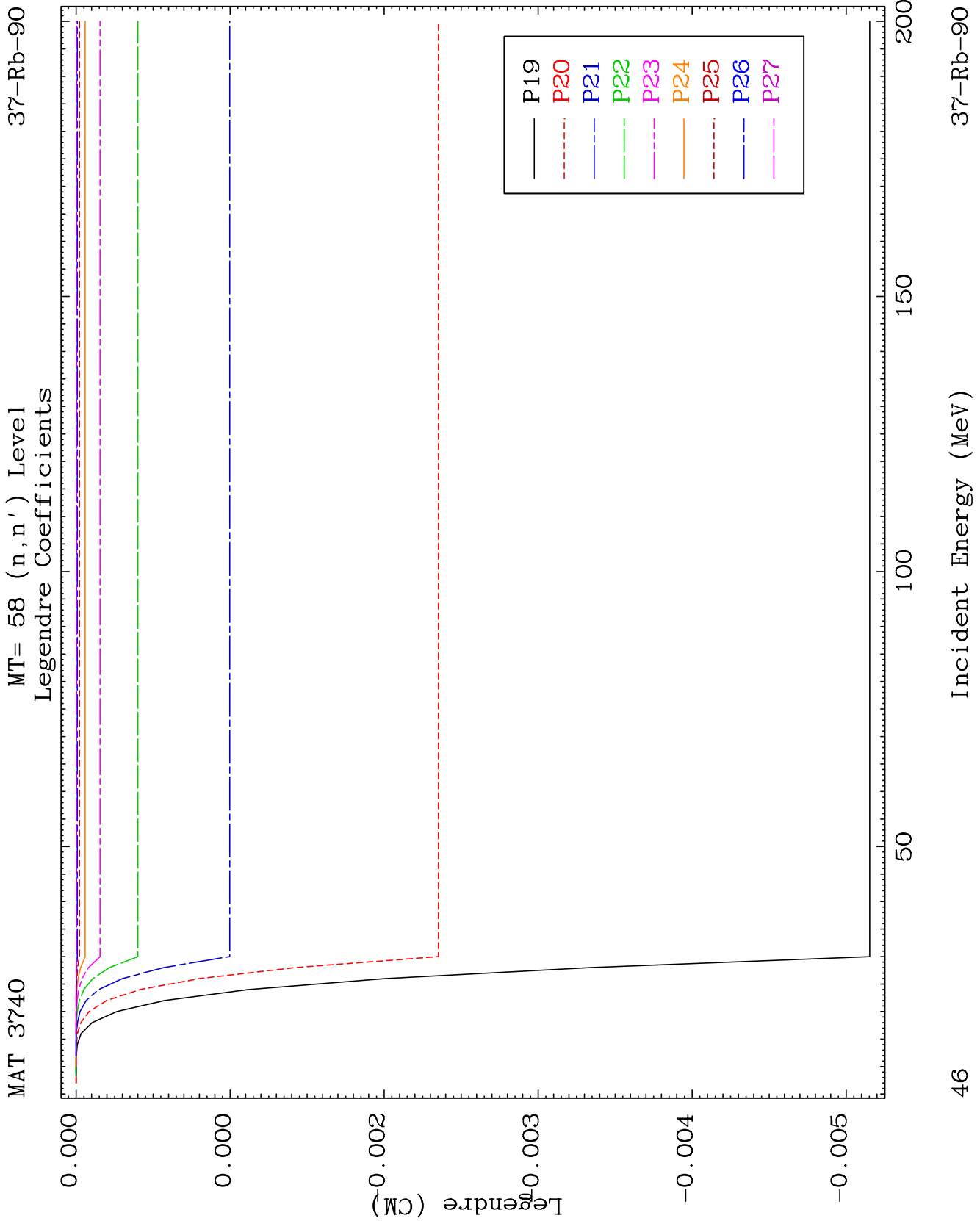
37-Rb-90

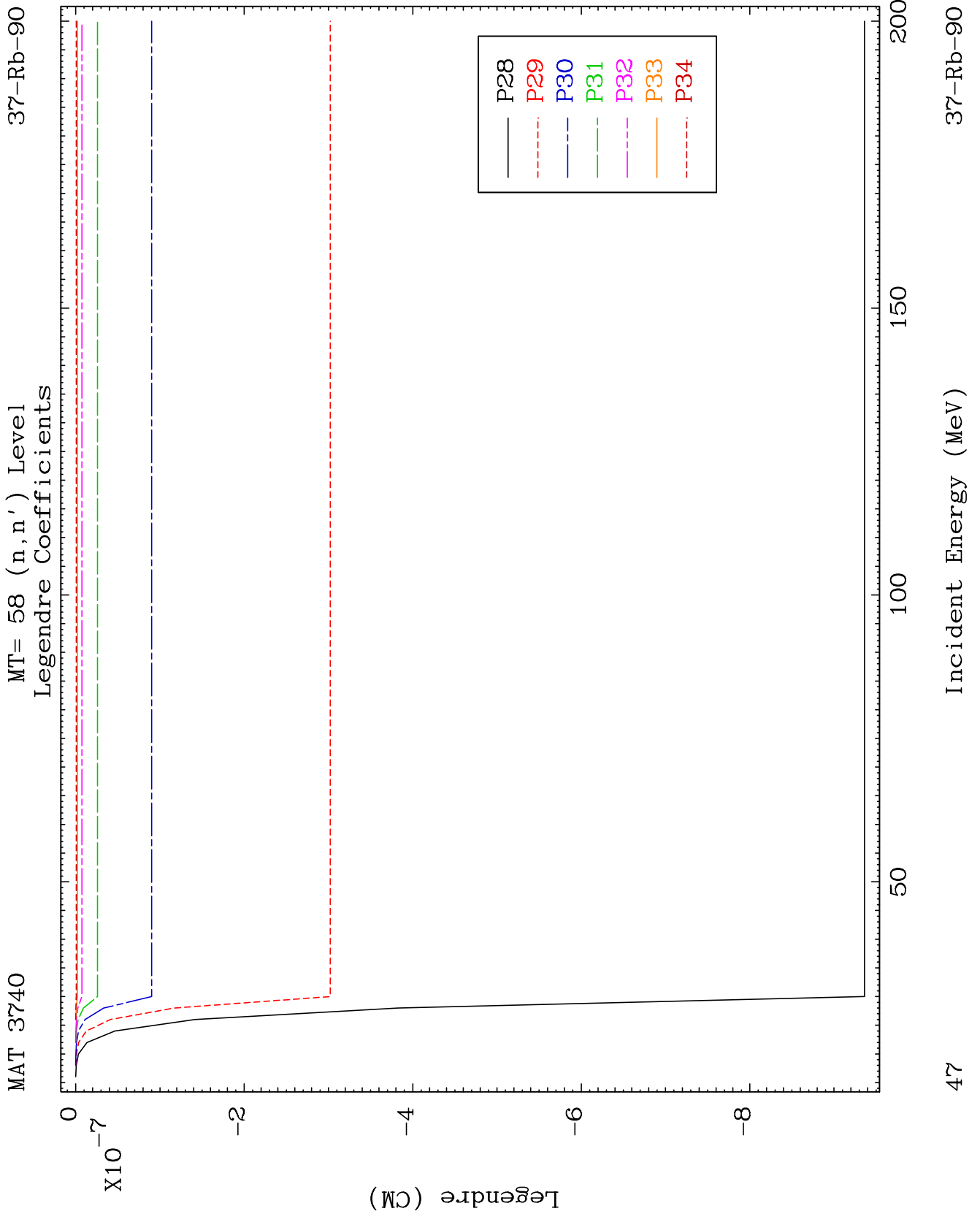
MAT 3740

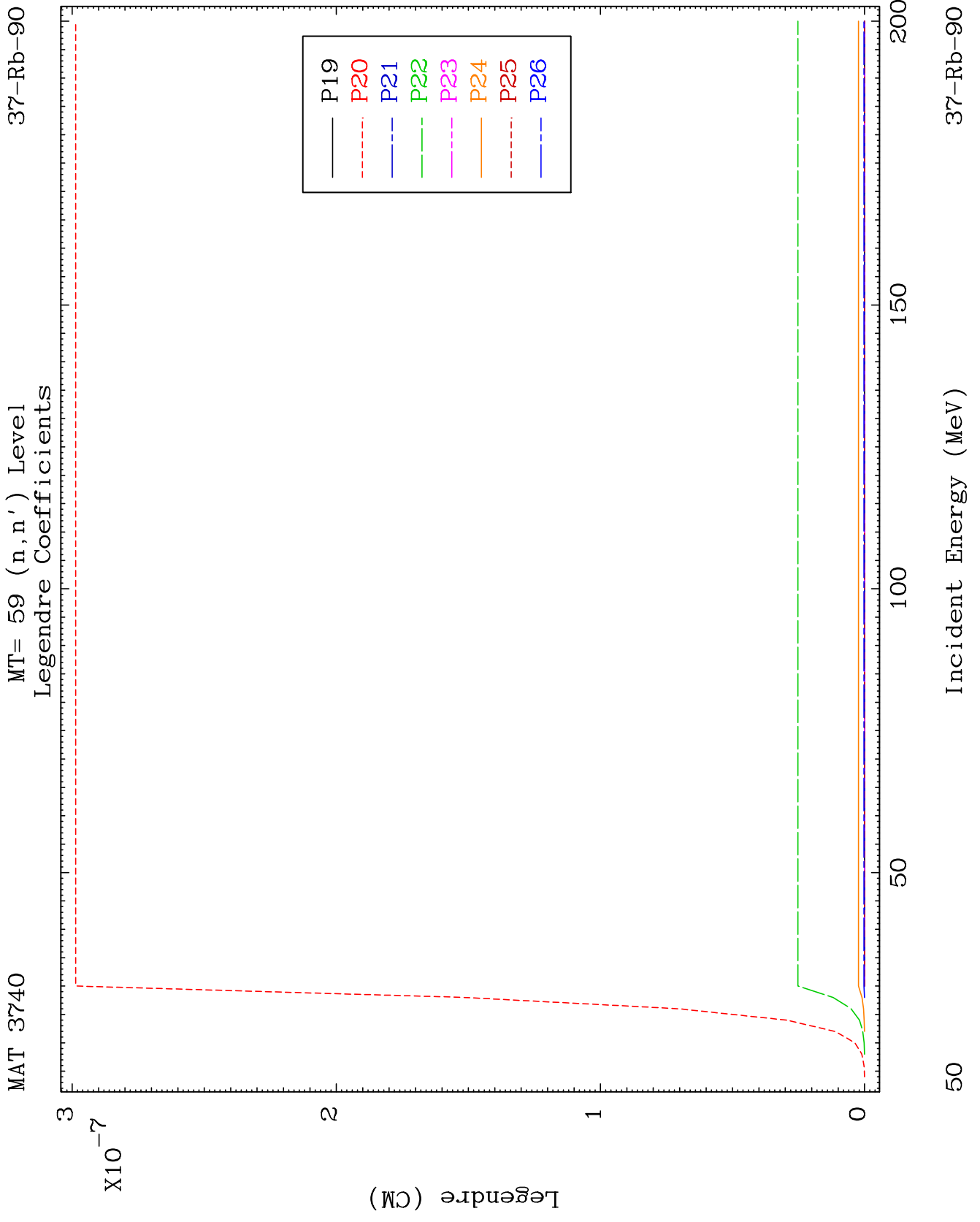
MT= 58 (n,n') Level
Legendre Coefficients

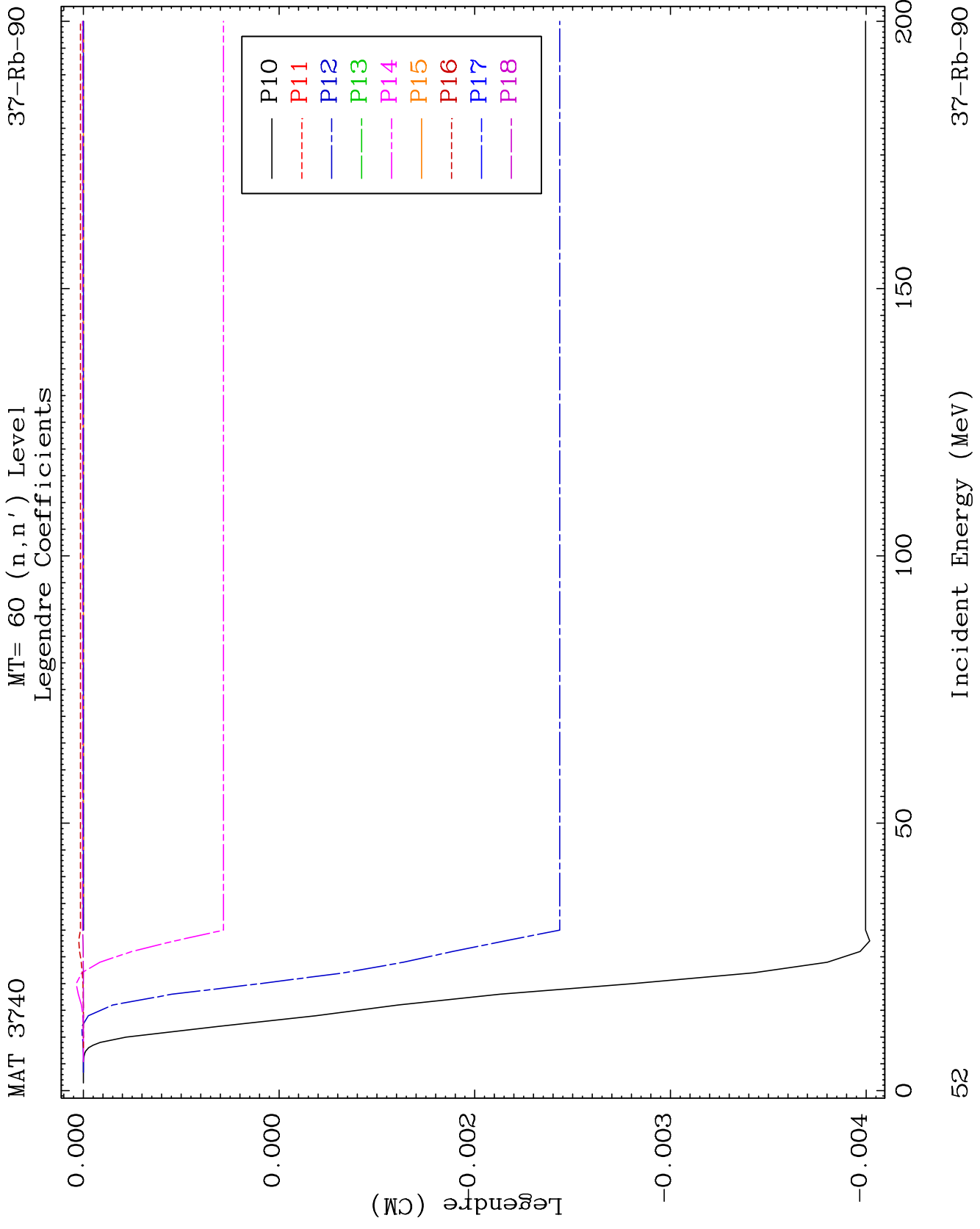
37-Rb-90

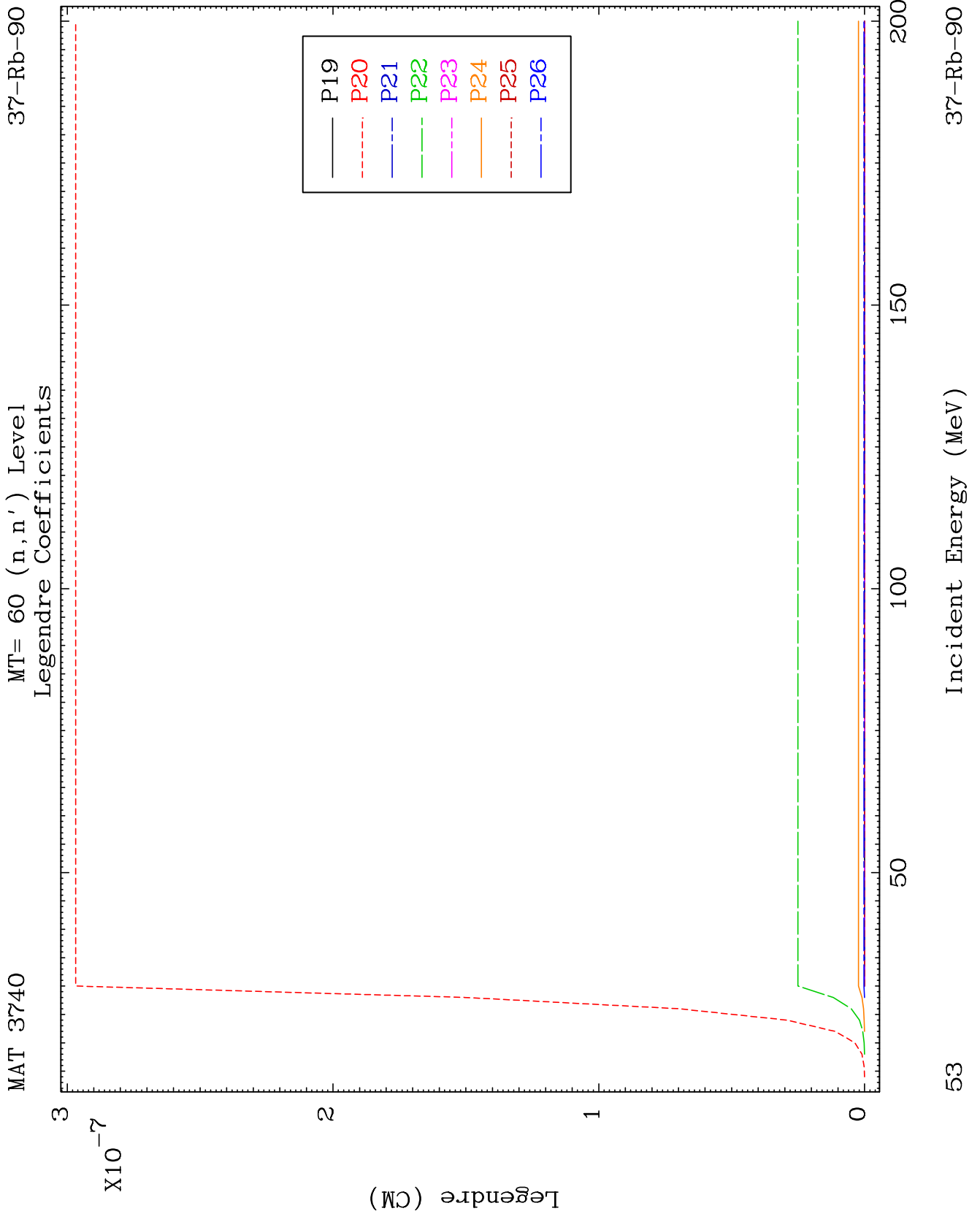


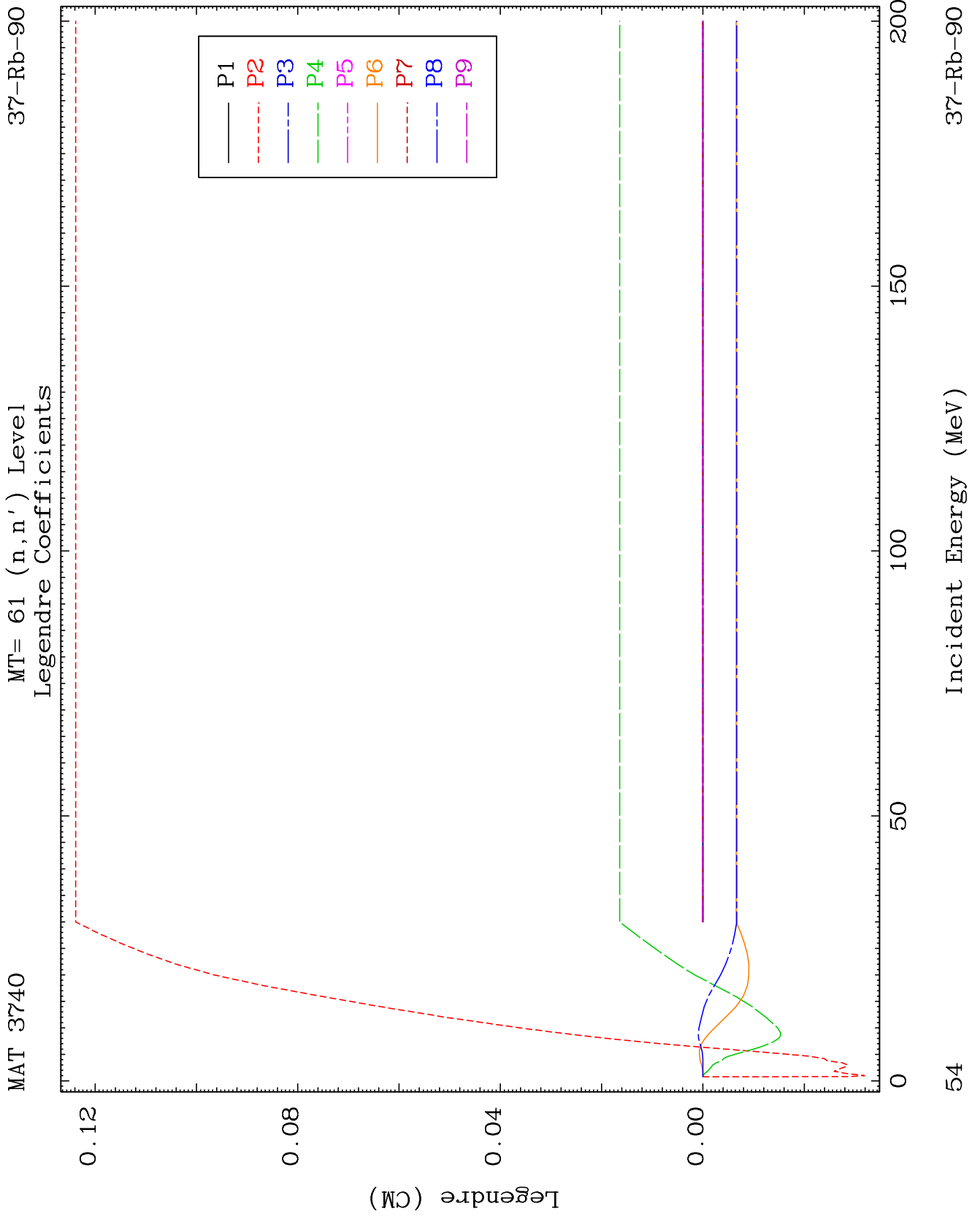








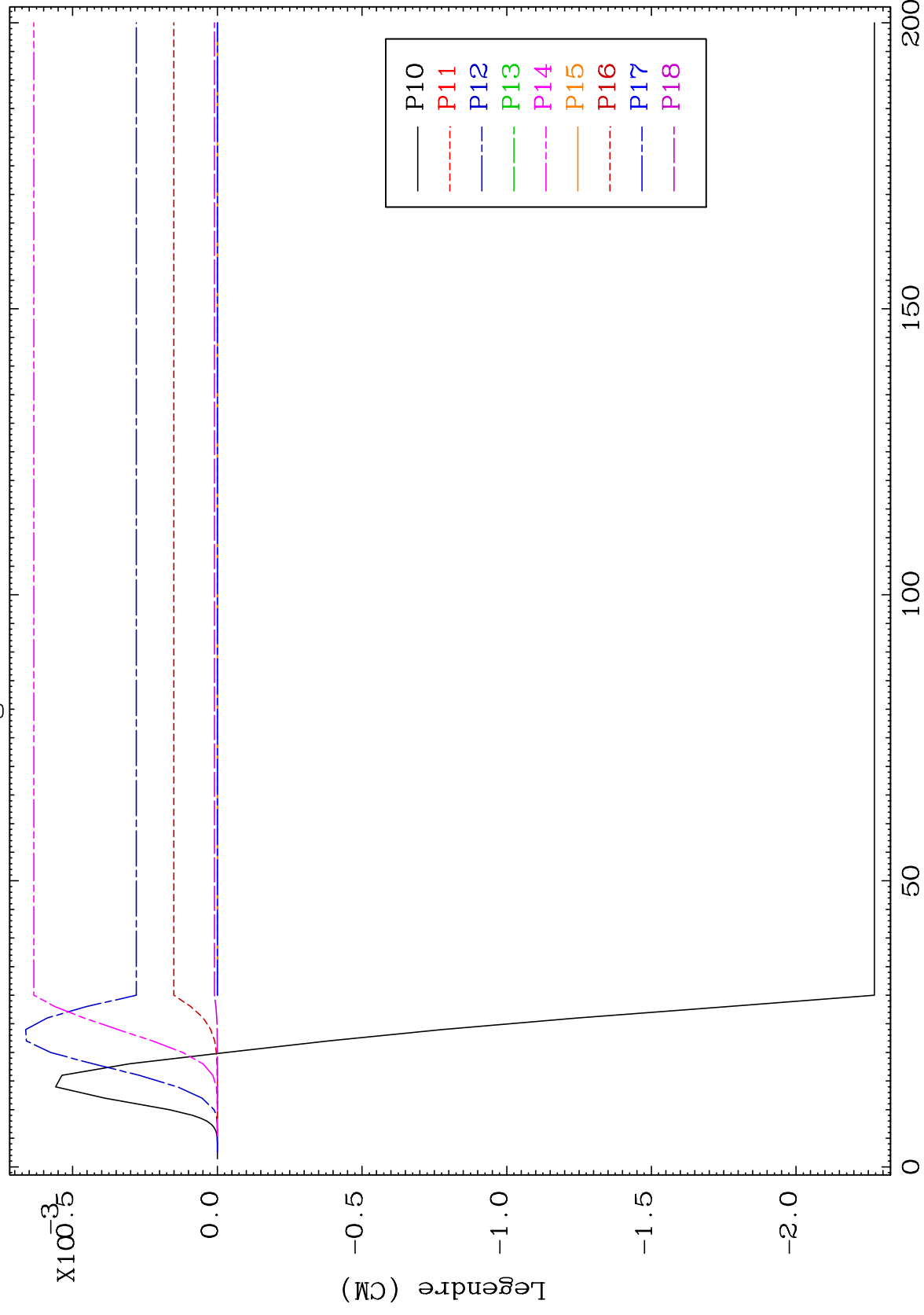




MAT 3740

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

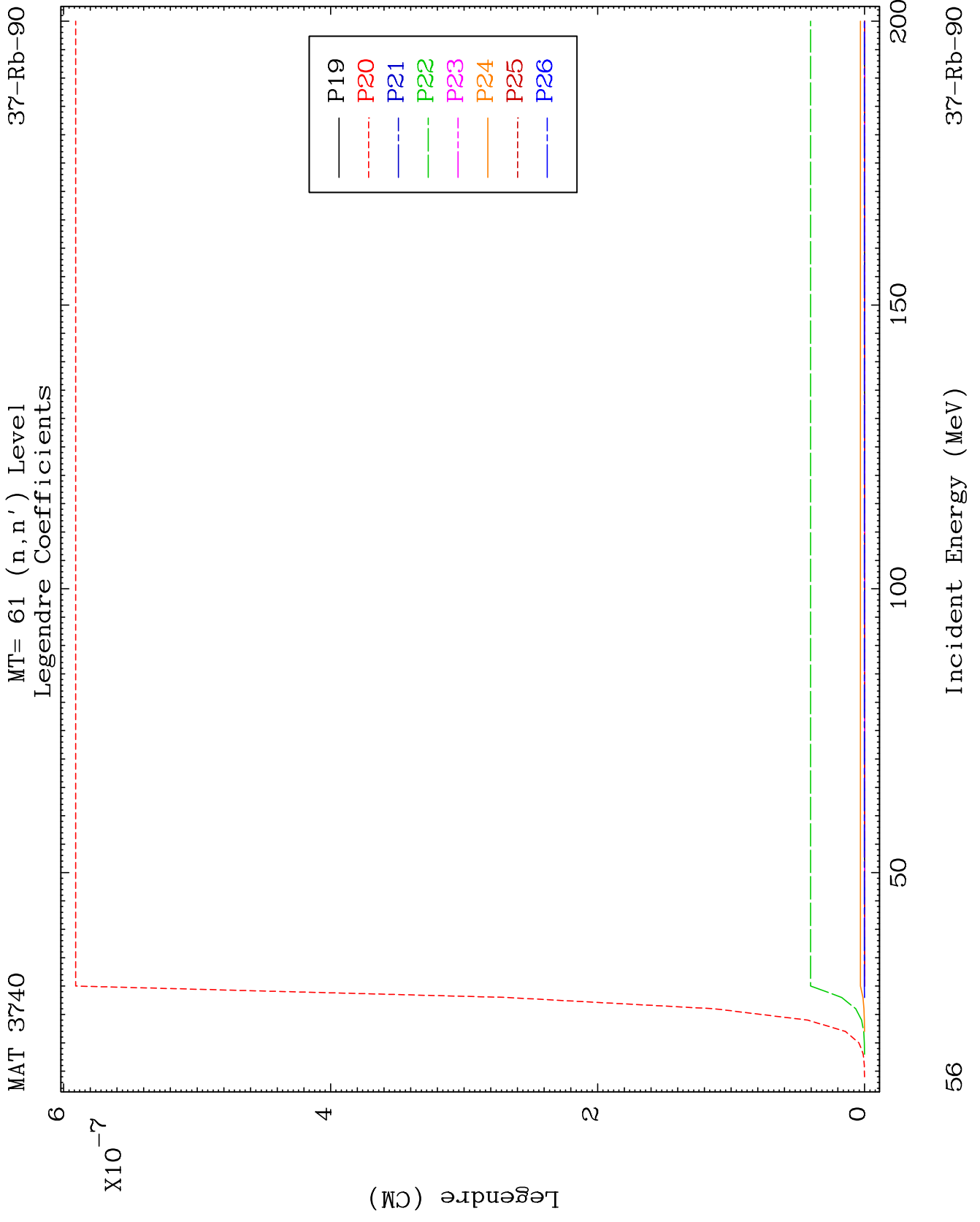
37-Rb-90



55

Incident Energy (MeV)

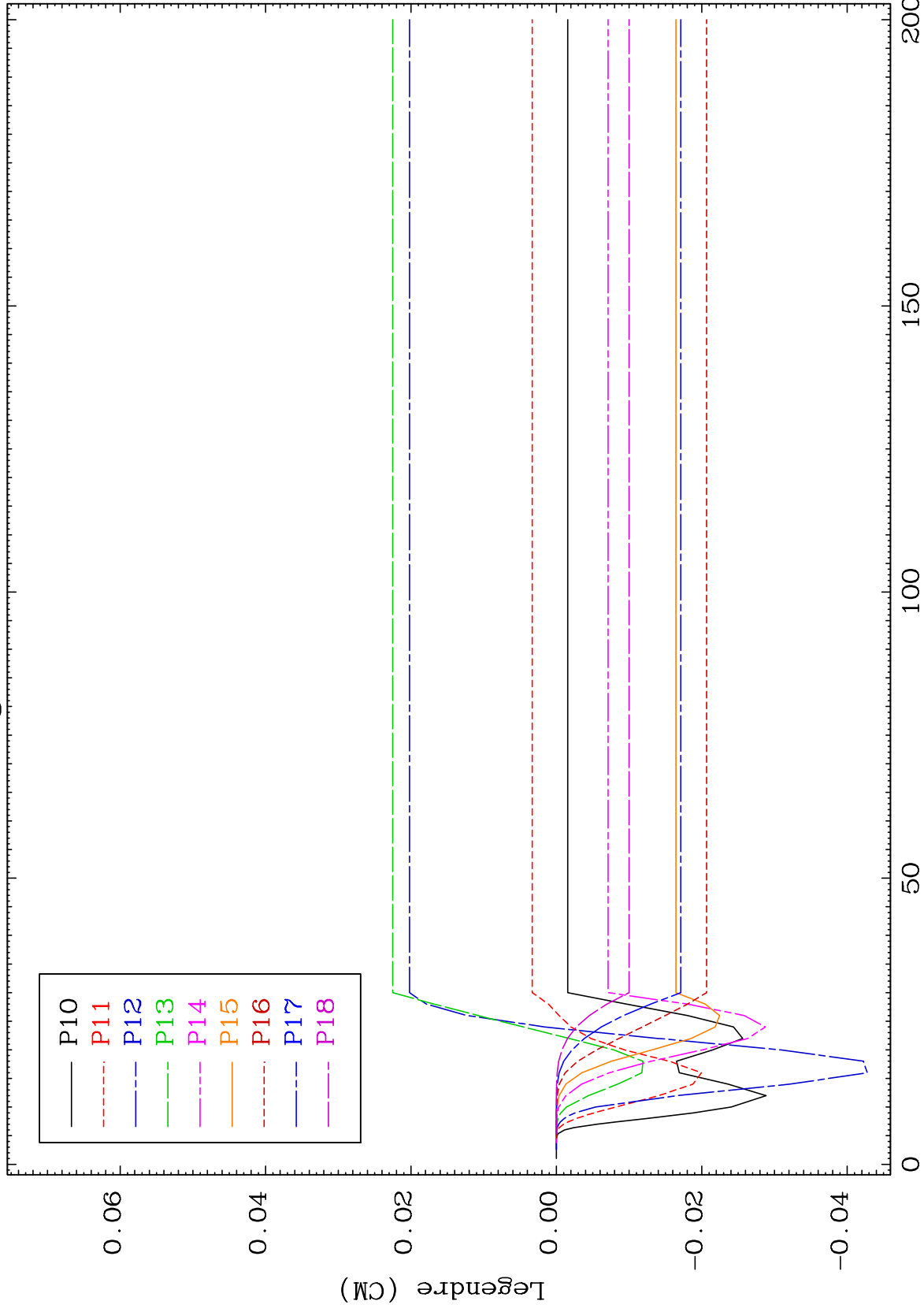
37-Rb-90



MAT 3740

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

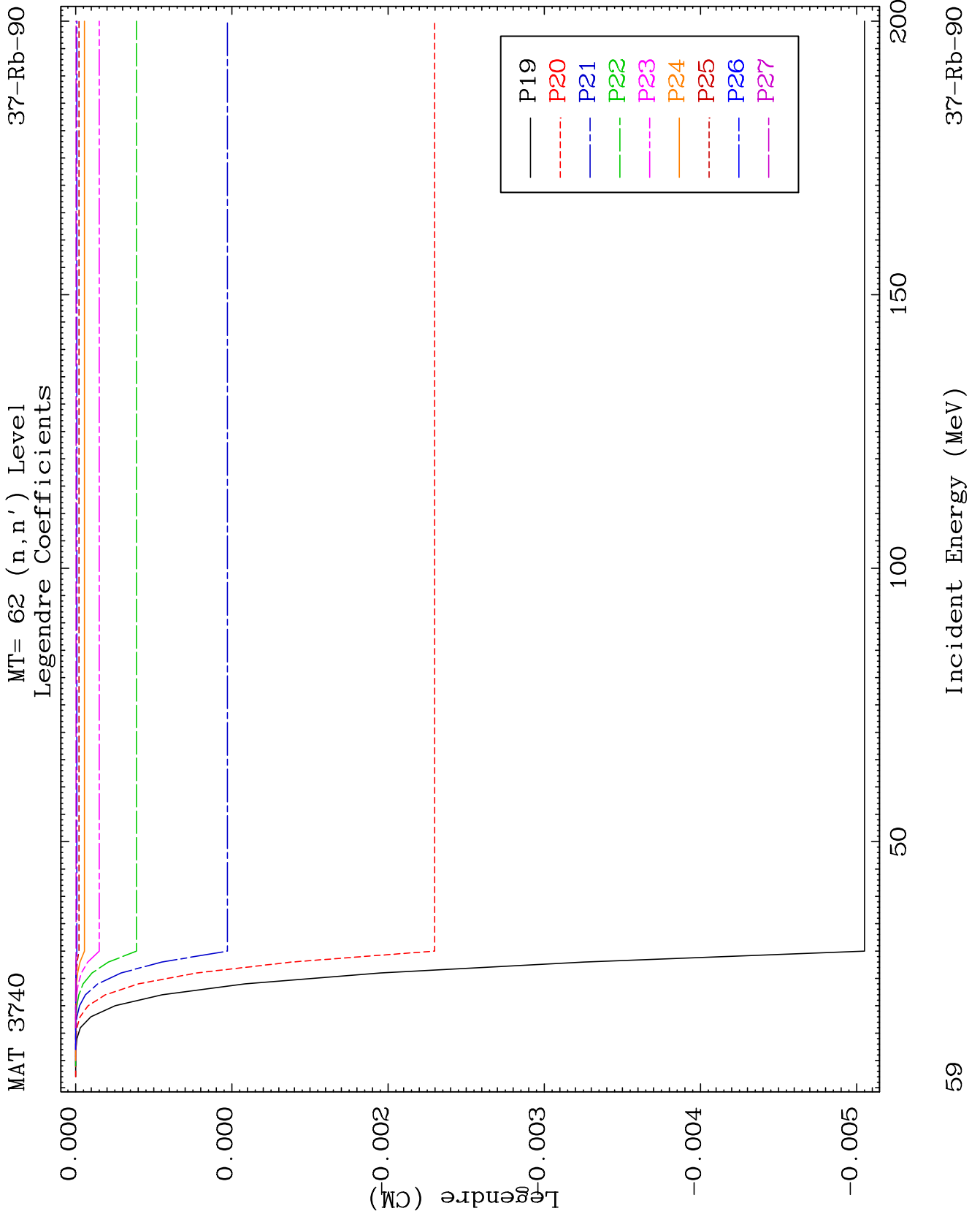
37-Rb-90

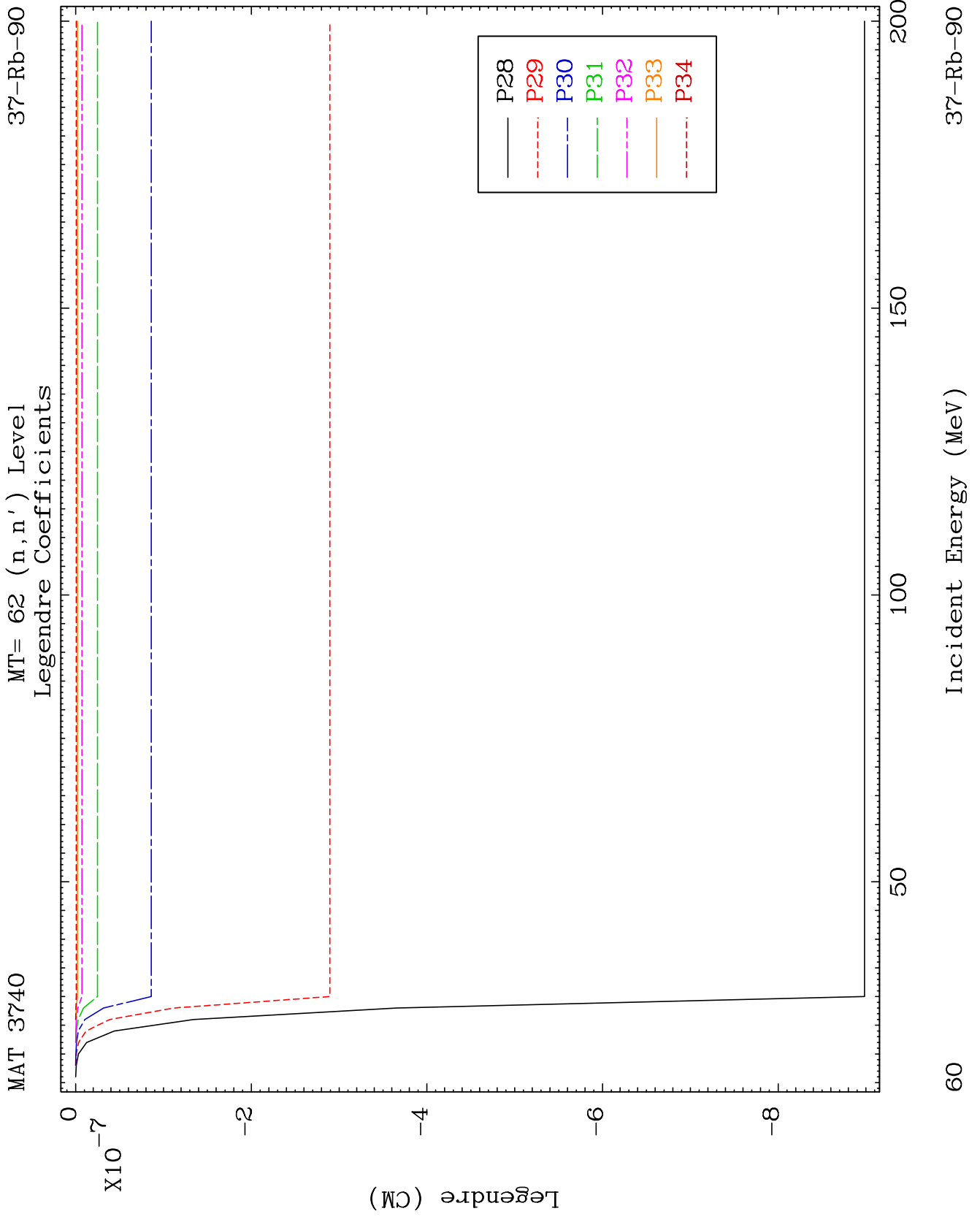


37-Rb-90

Incident Energy (MeV)

58

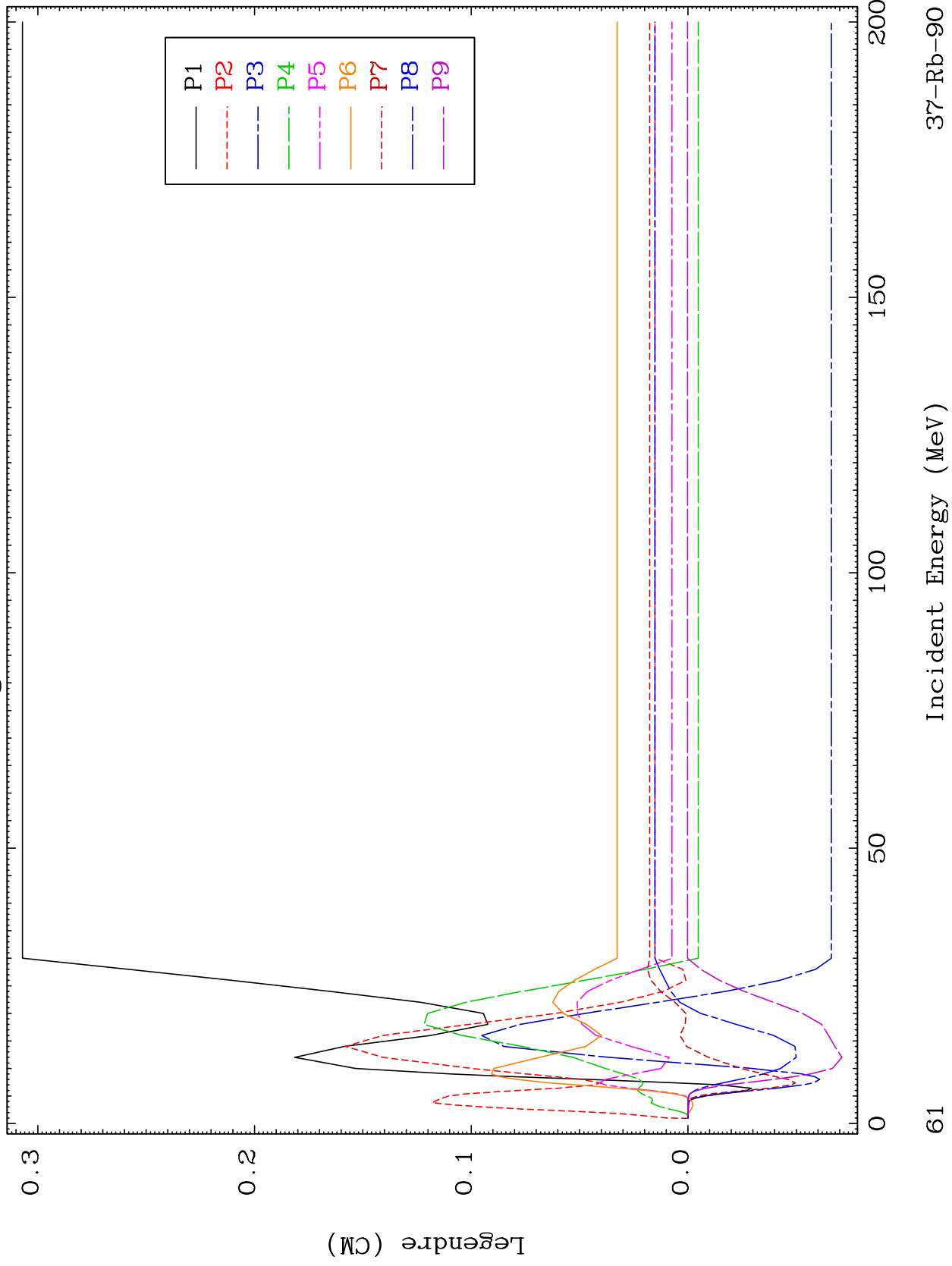




MAT 3740

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

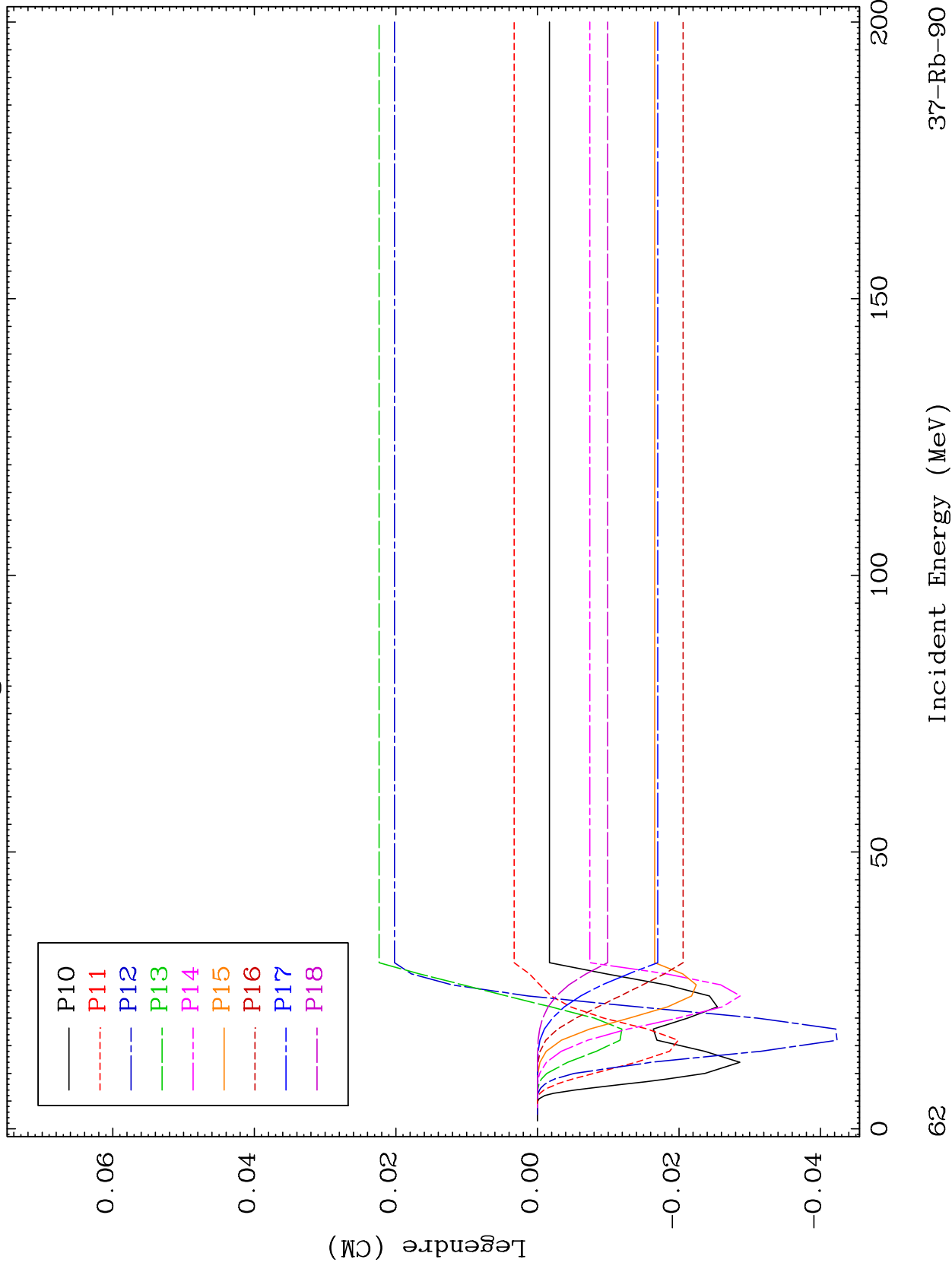
37-Rb-90



MAT 3740

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

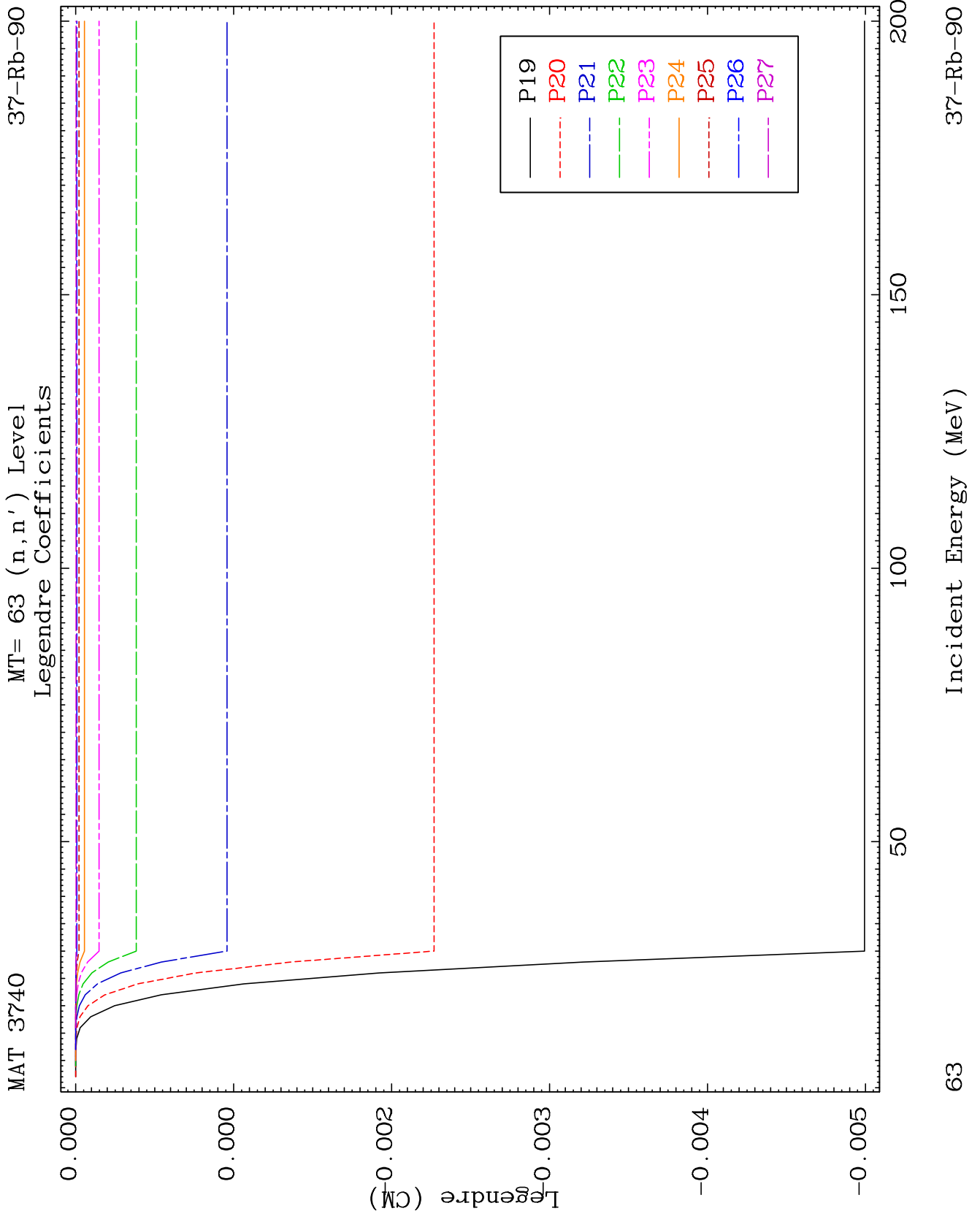
37-Rb-90

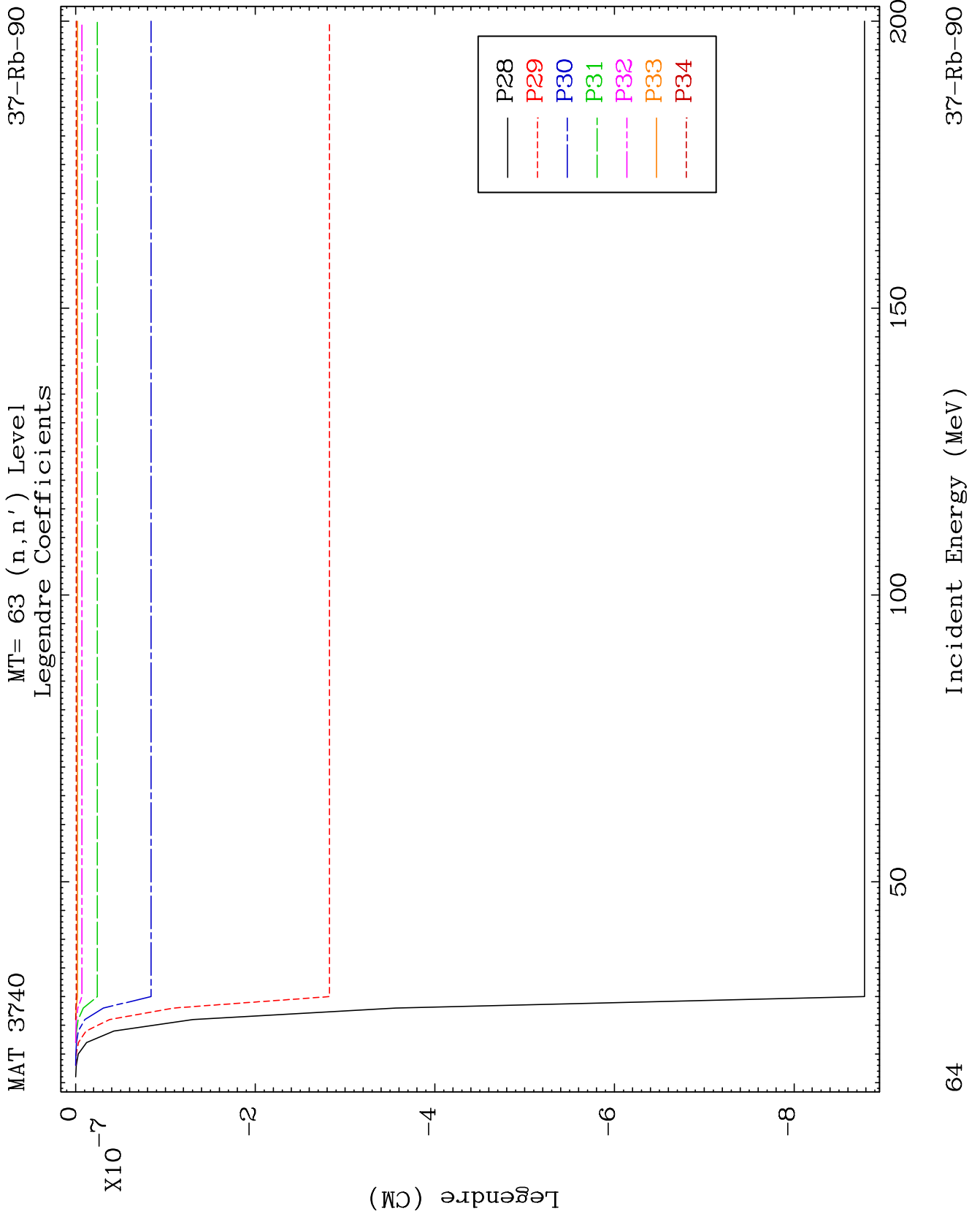


37-Rb-90

Incident Energy (MeV)

62

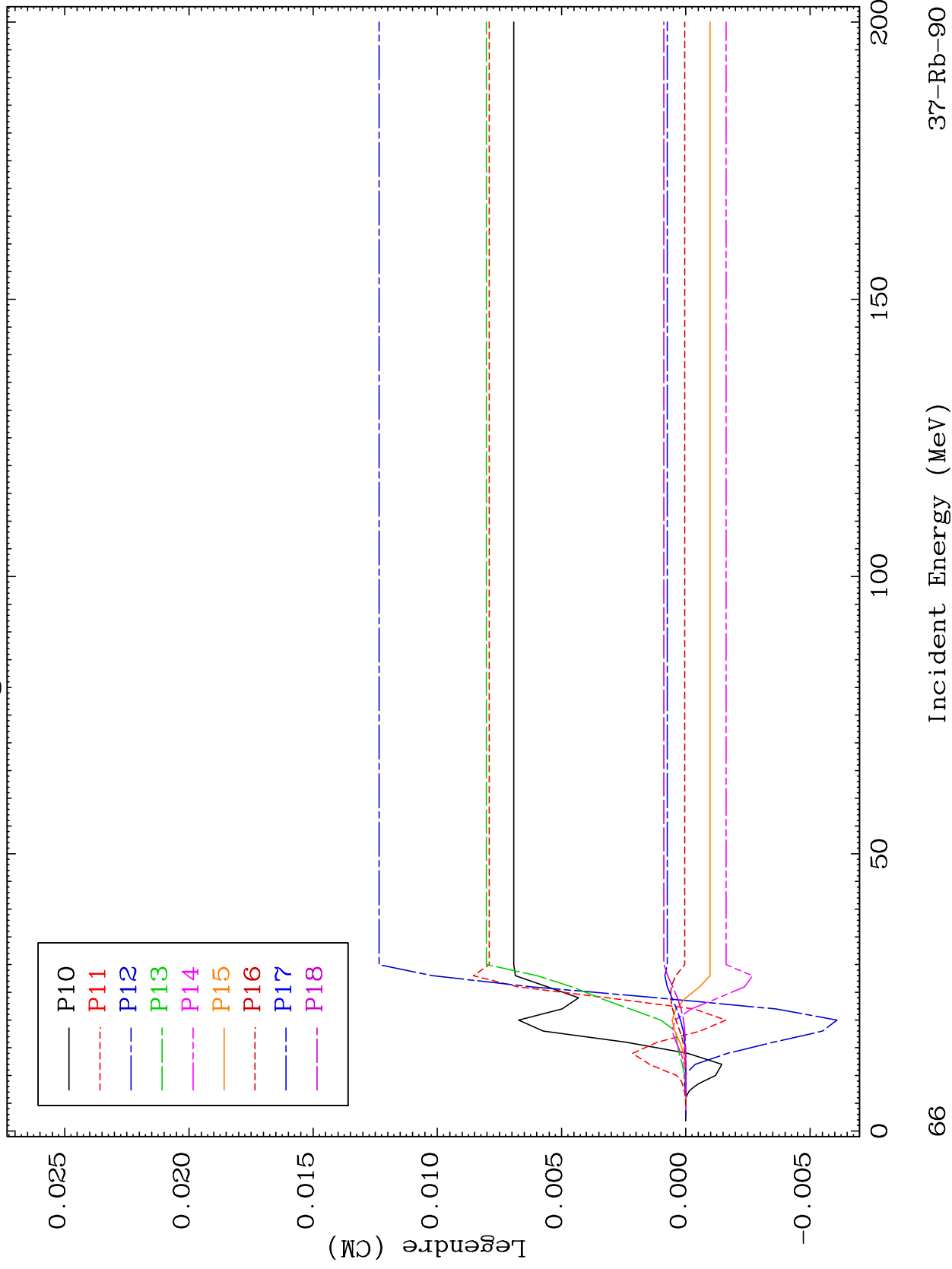




MAT 3740

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

37-Rb-90

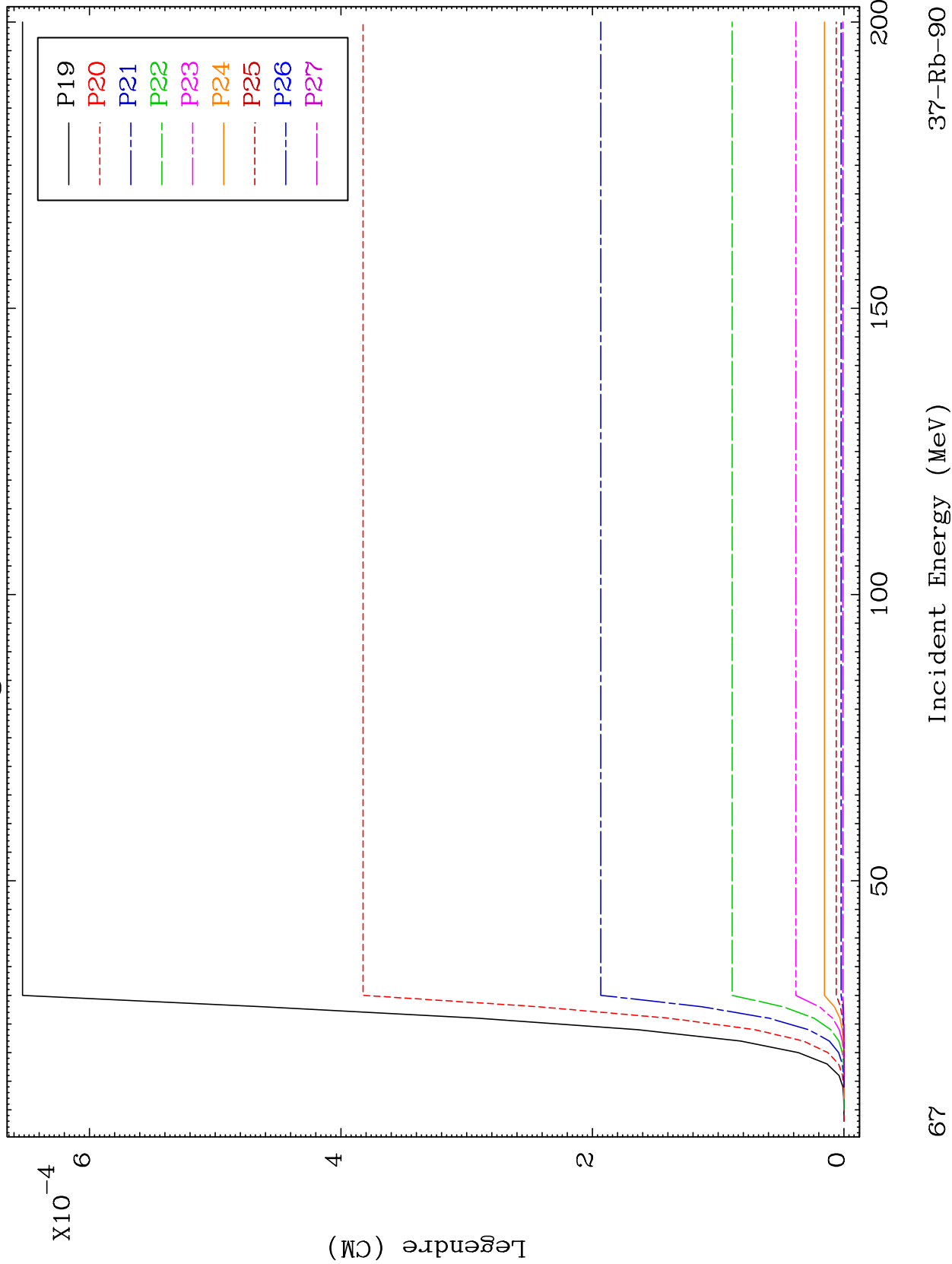


66

MAT 3740

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

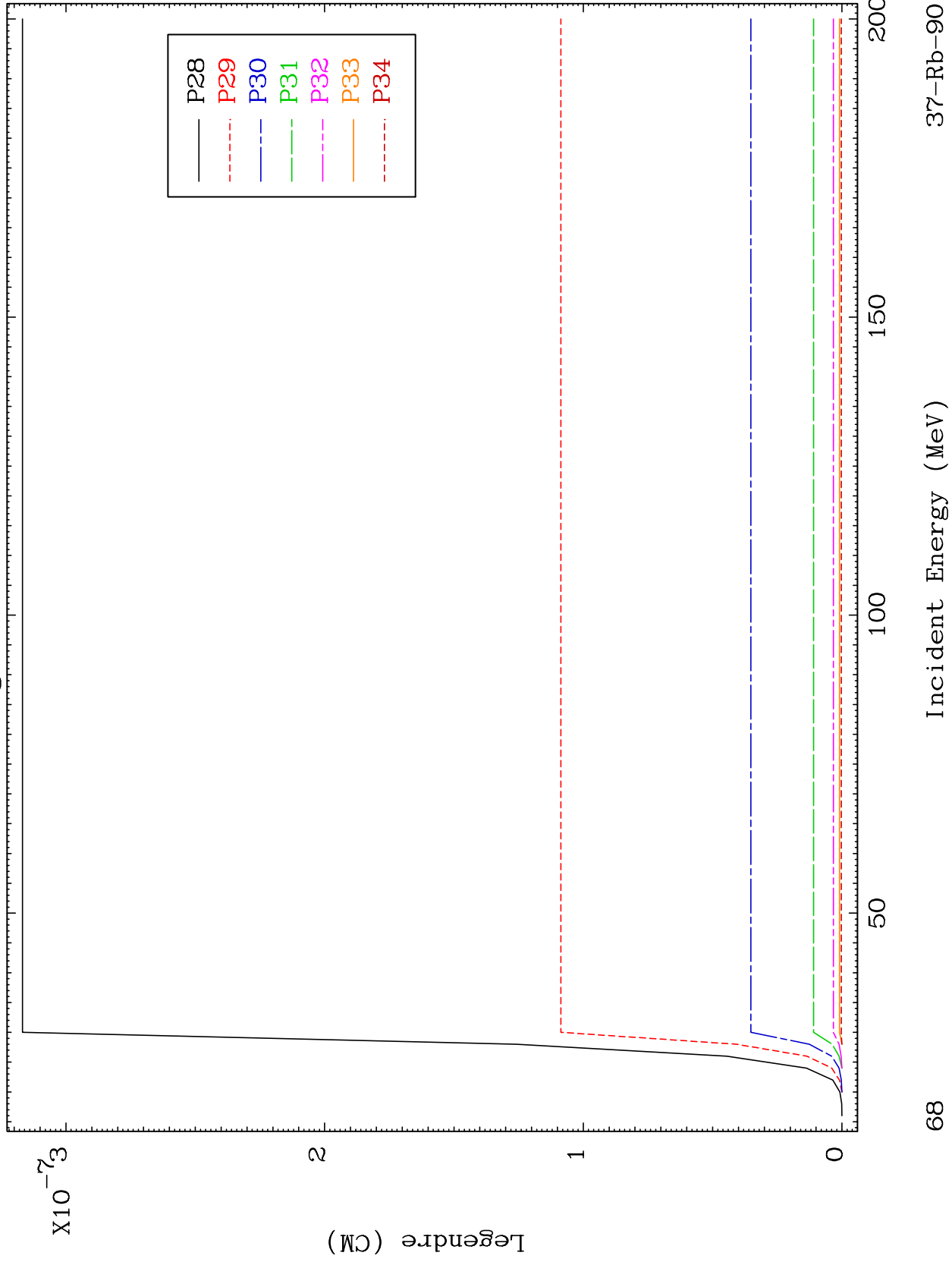
37-Rb-90



MAT 3740

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

37-Rb-90



68

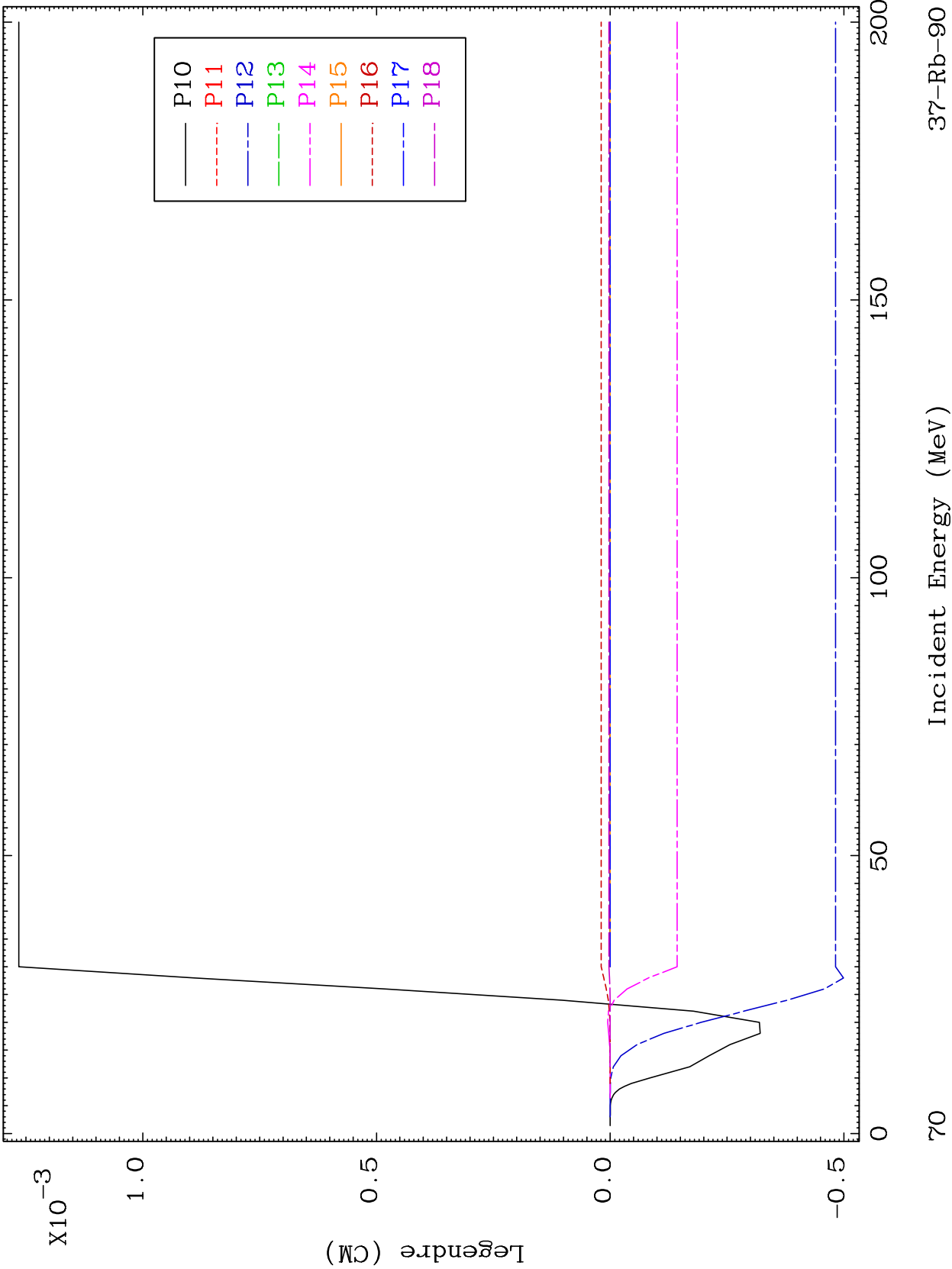
Incident Energy (MeV)

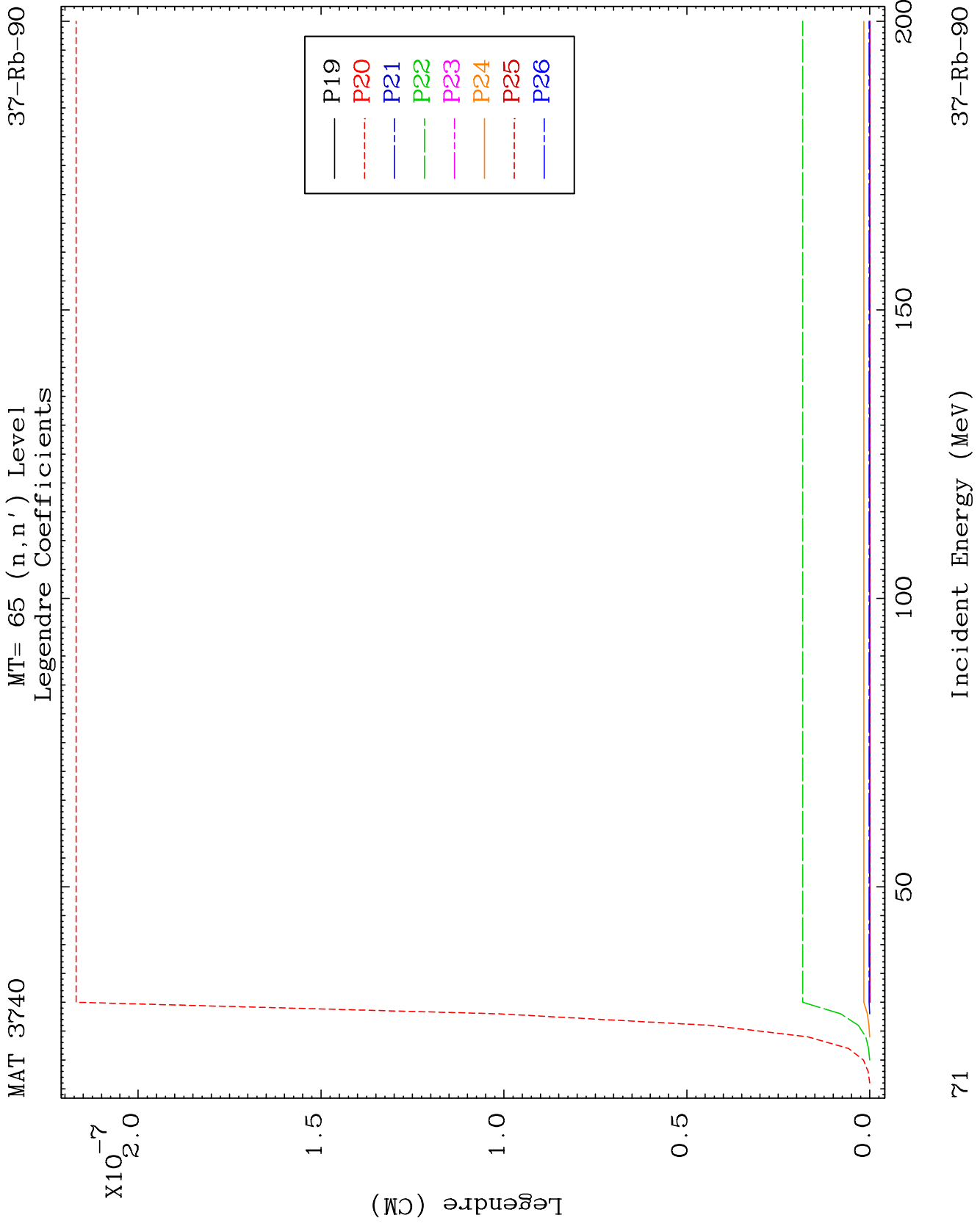
37-Rb-90

MAT 3740

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

37-Rb-90

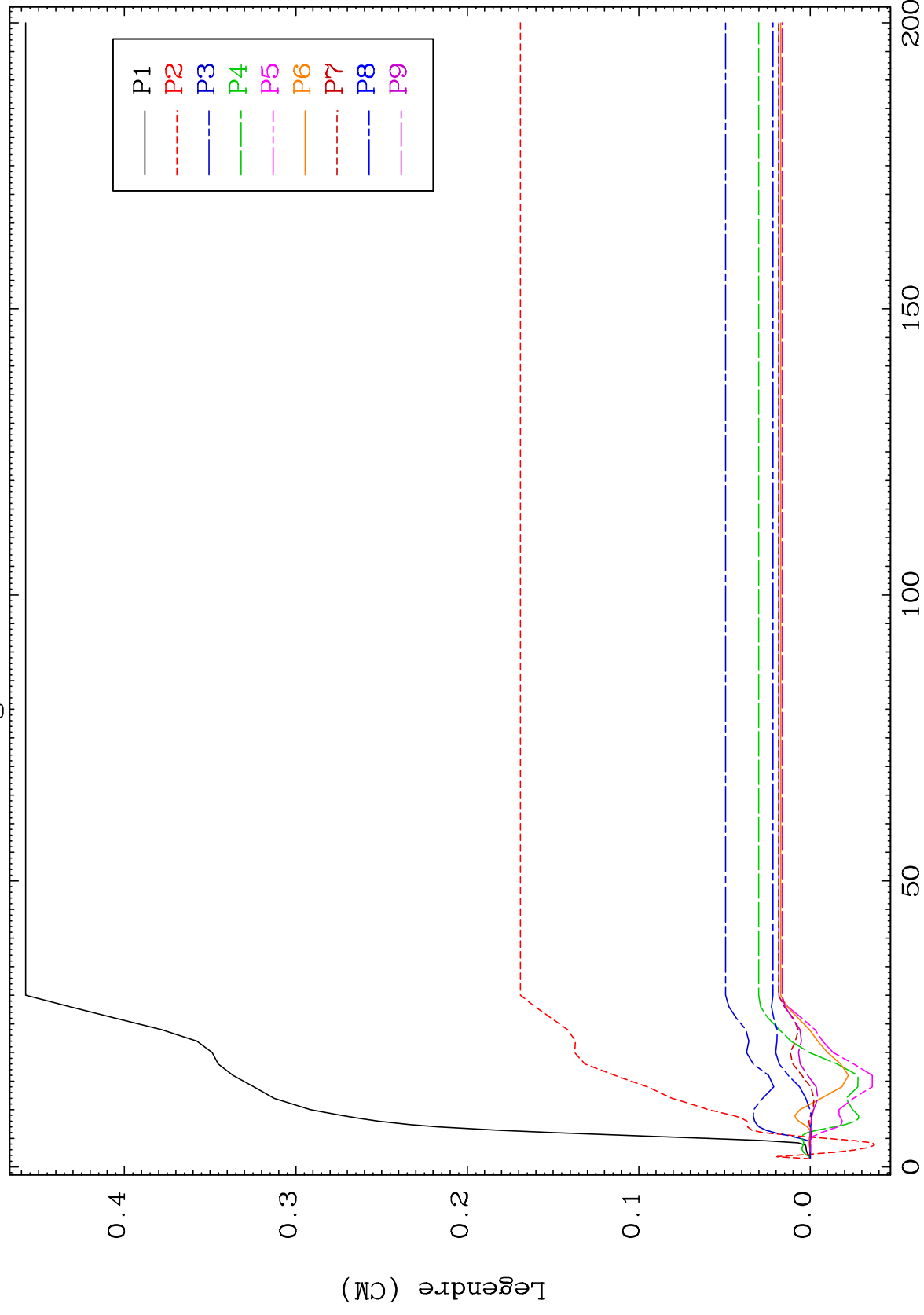




MAT 3740

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

37-Rb-90



72

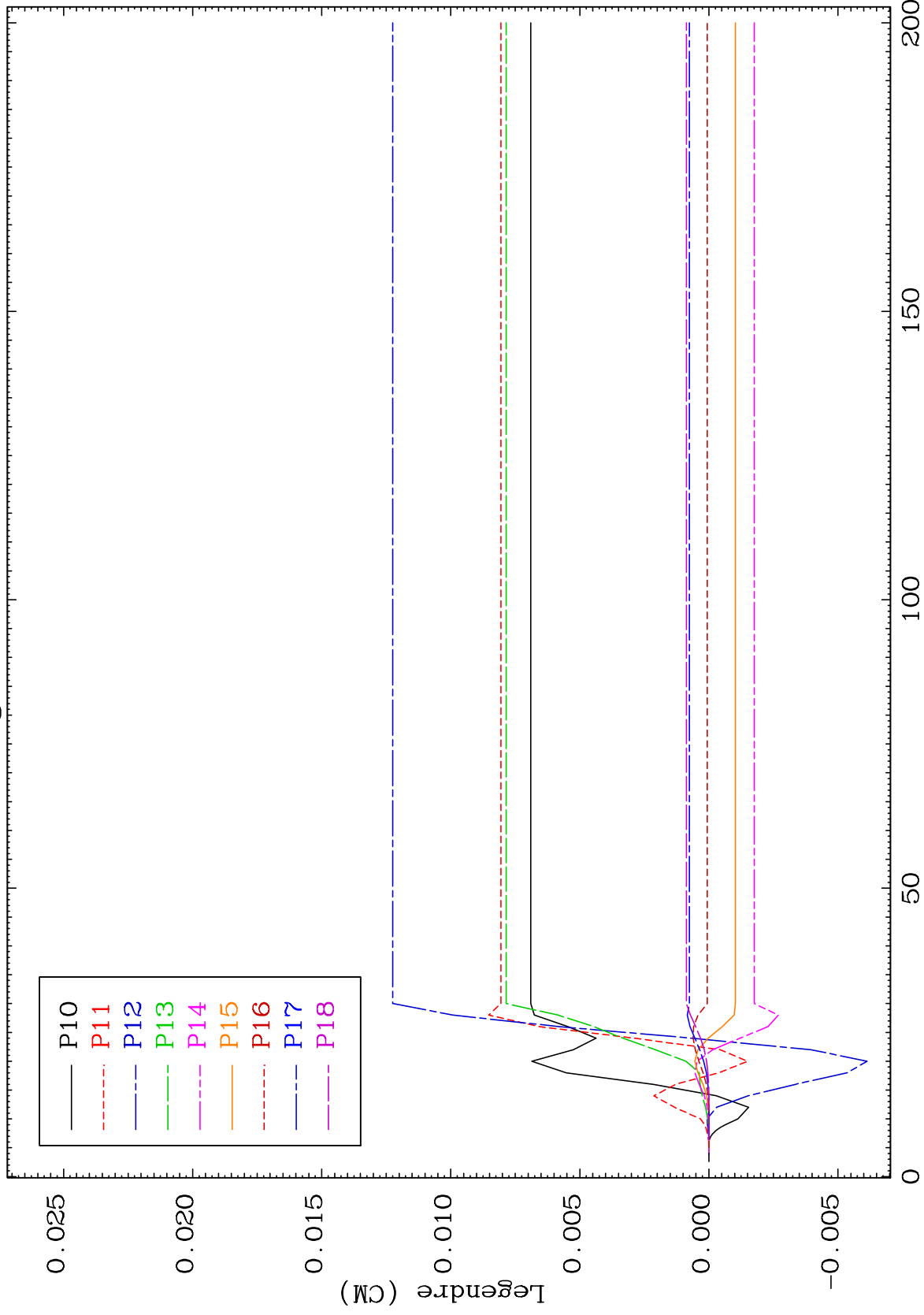
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



73

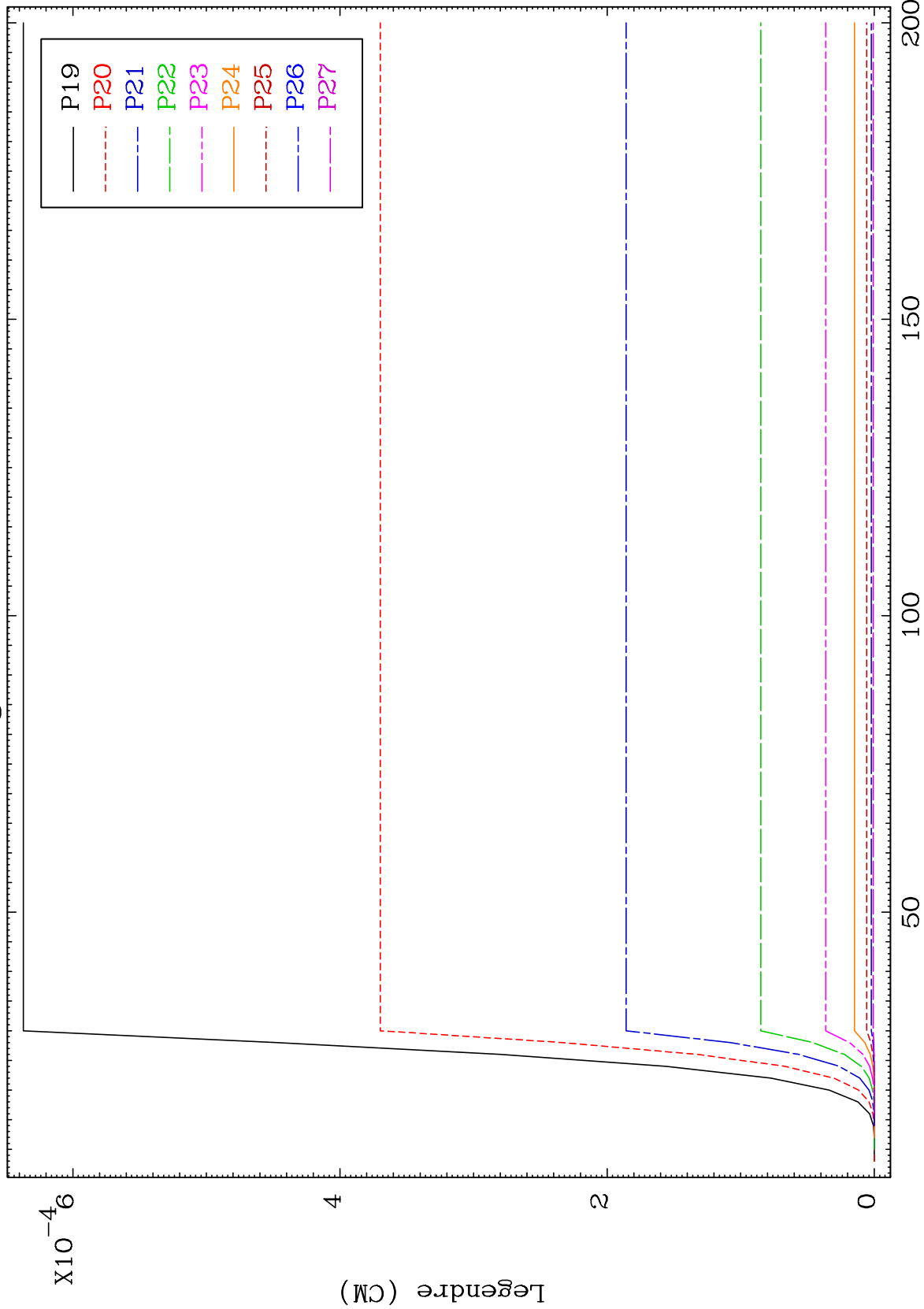
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

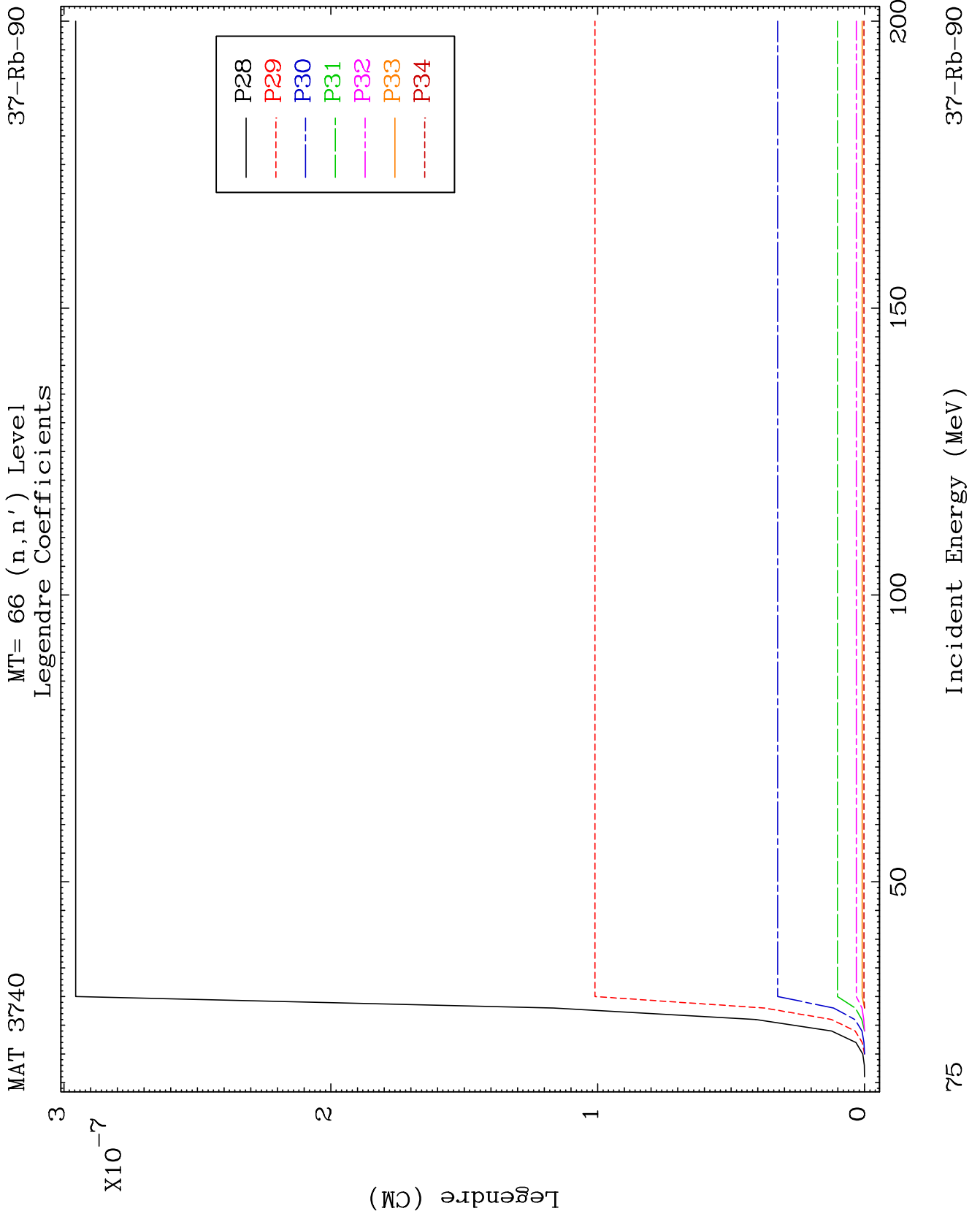
37-Rb-90

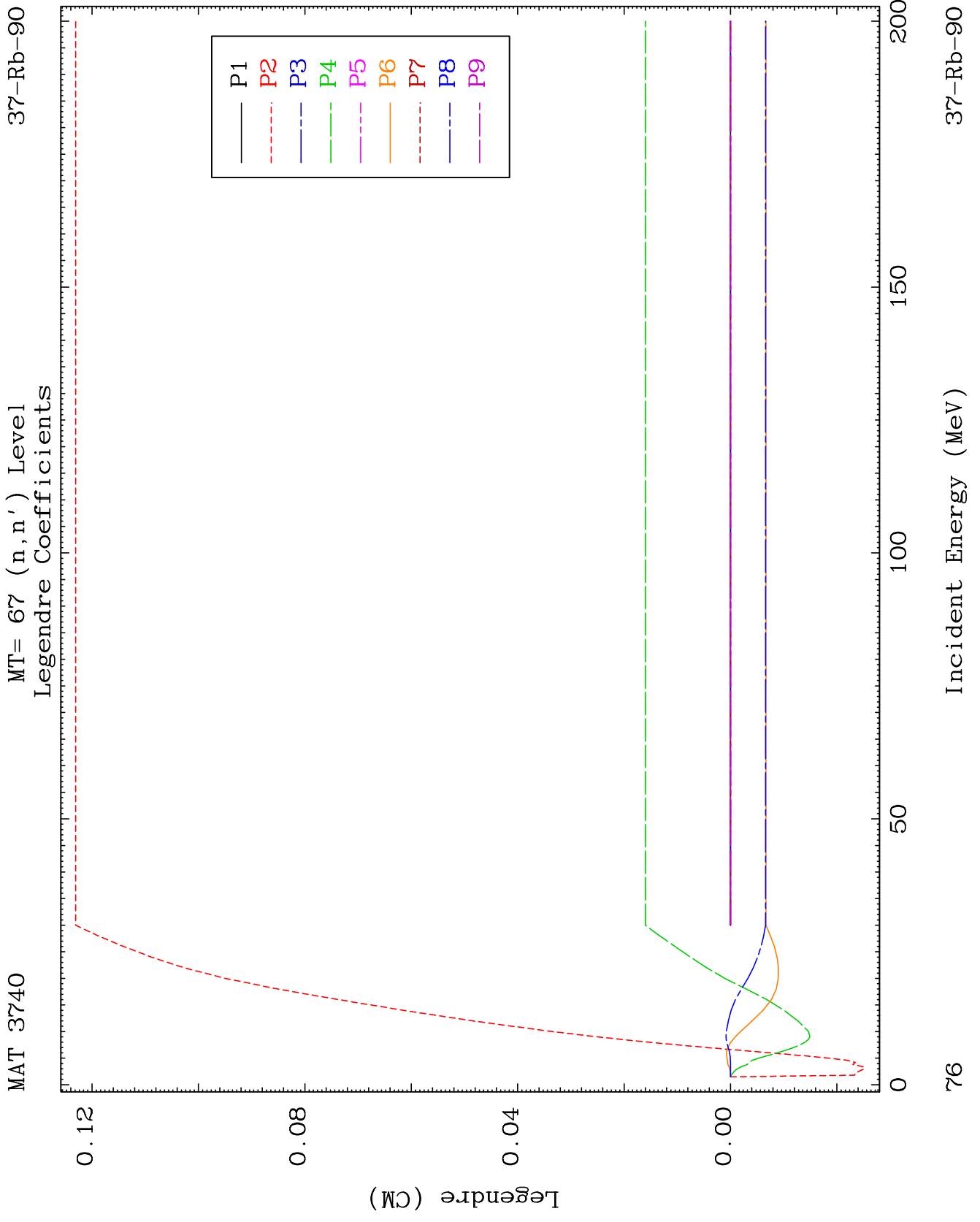


74

Incident Energy (MeV)

37-Rb-90

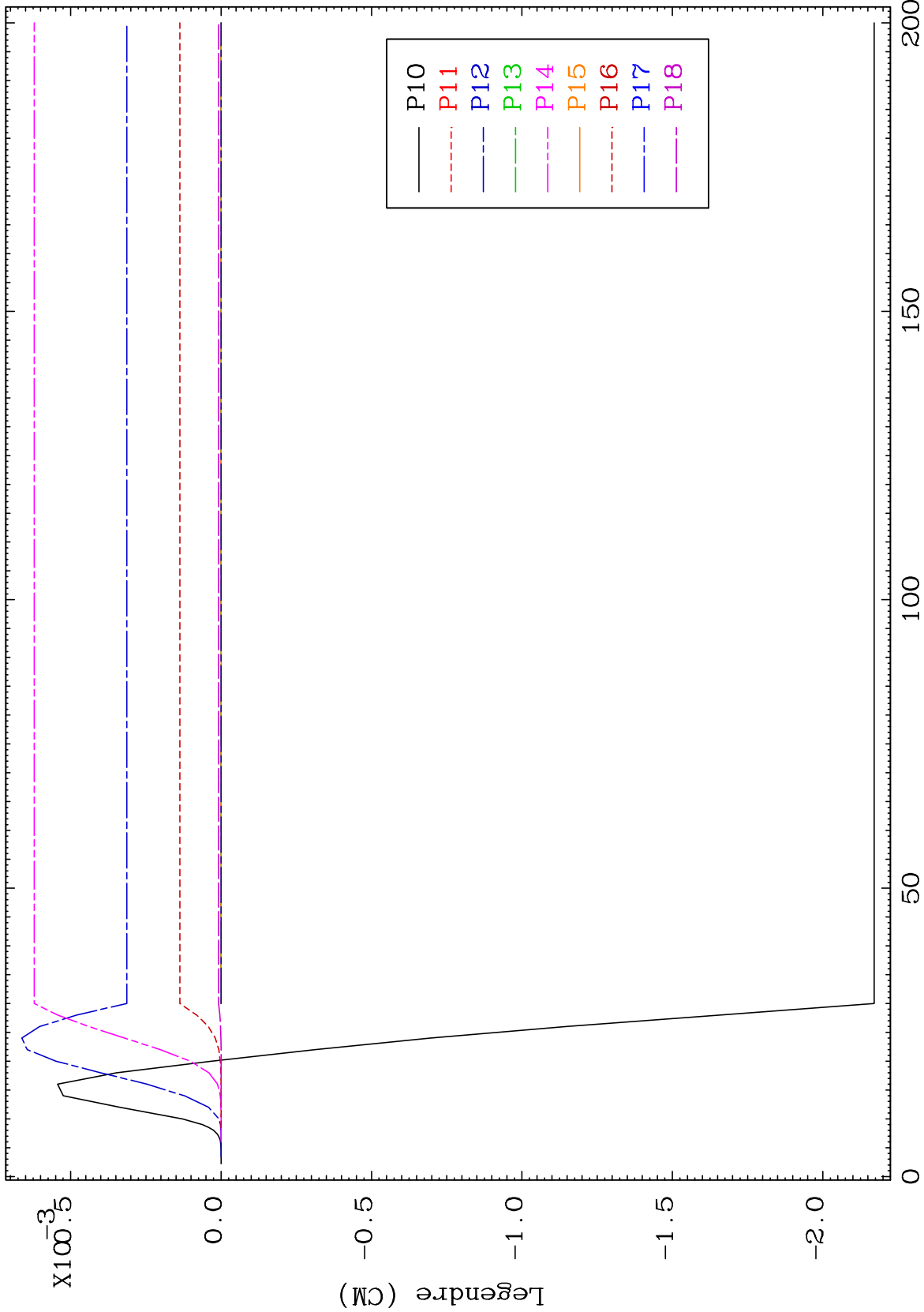




MAT 3740

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

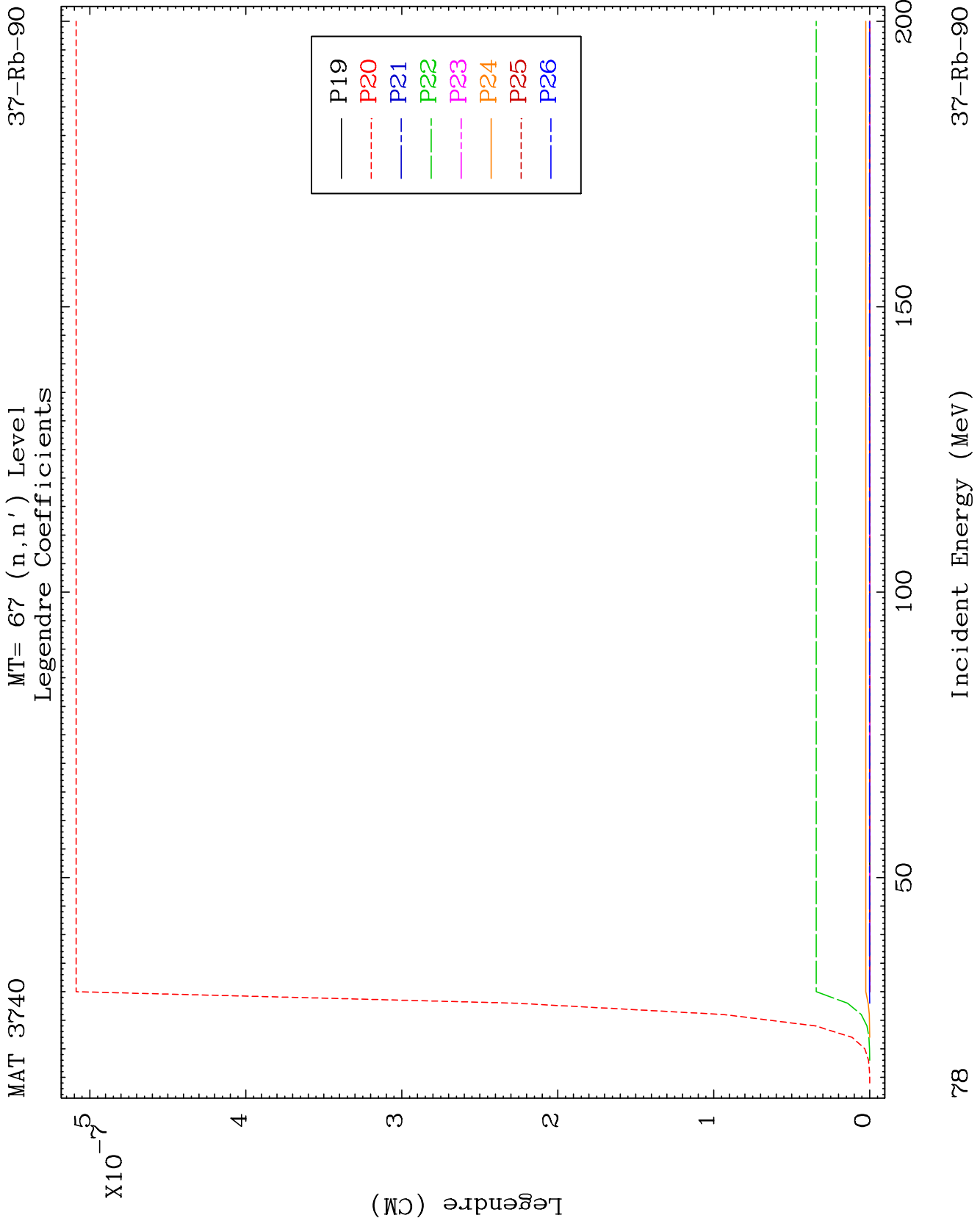
37-Rb-90



77

Incident Energy (MeV)

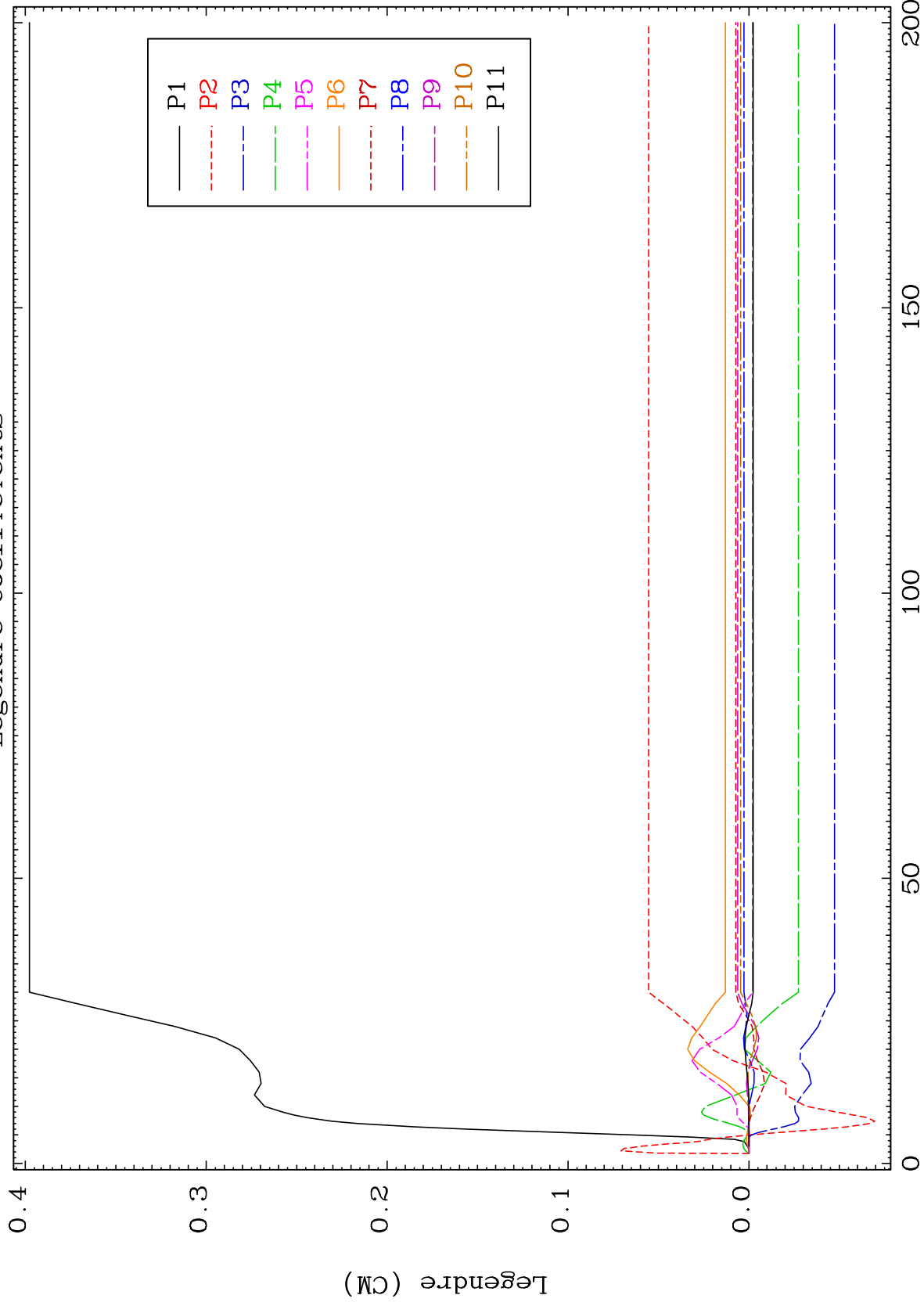
37-Rb-90



MAT 3740

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

37-Rb-90



79

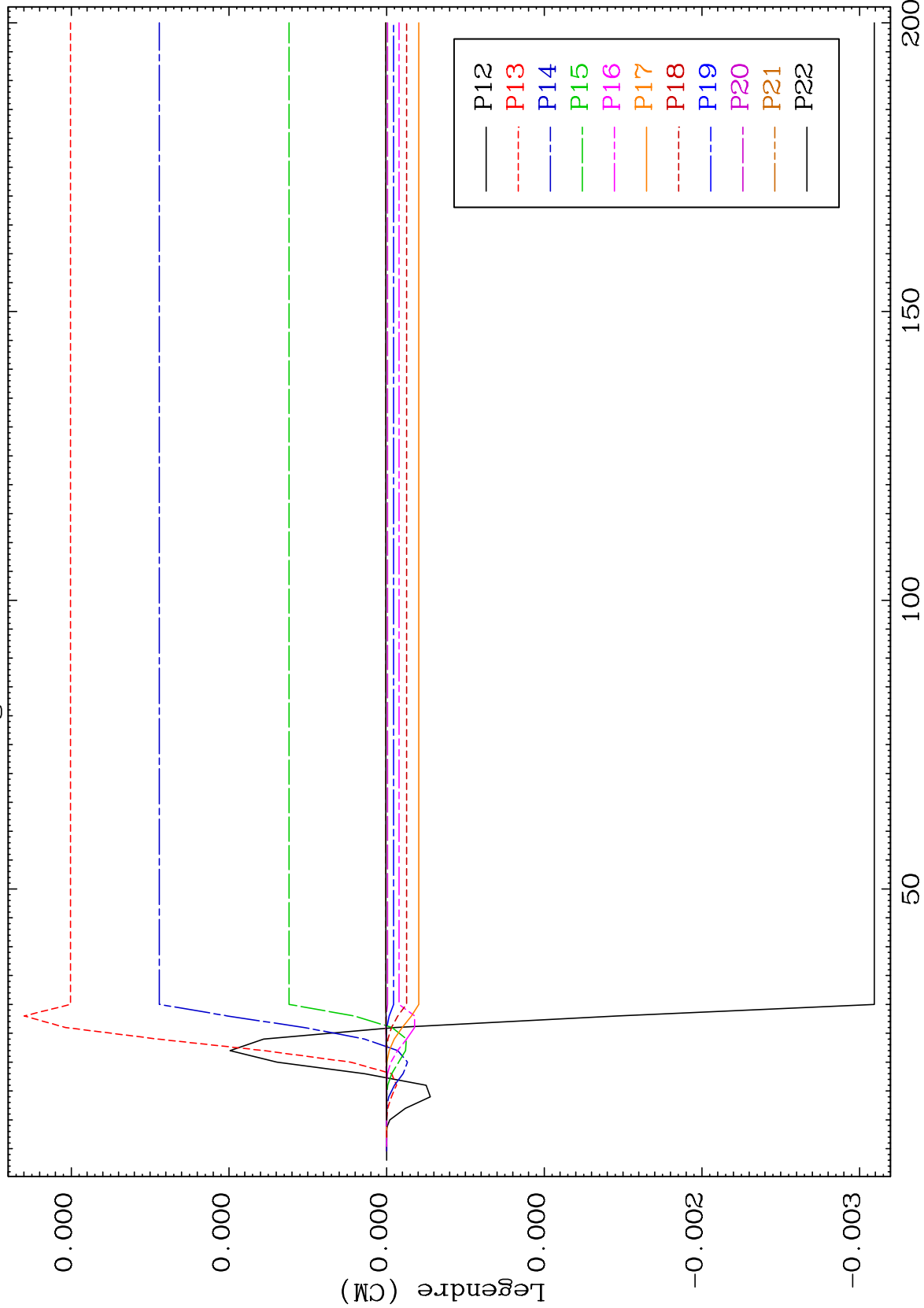
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



80

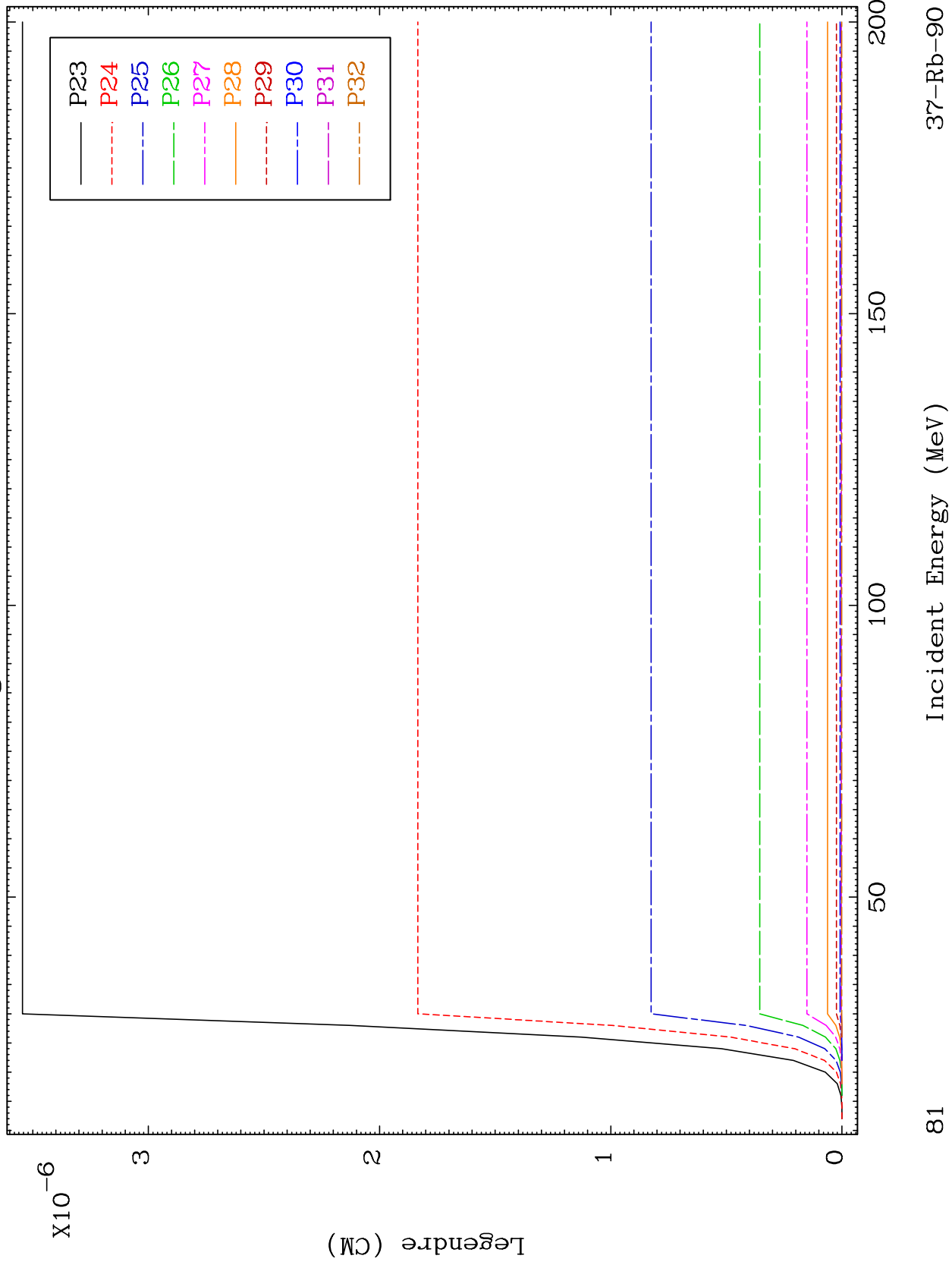
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

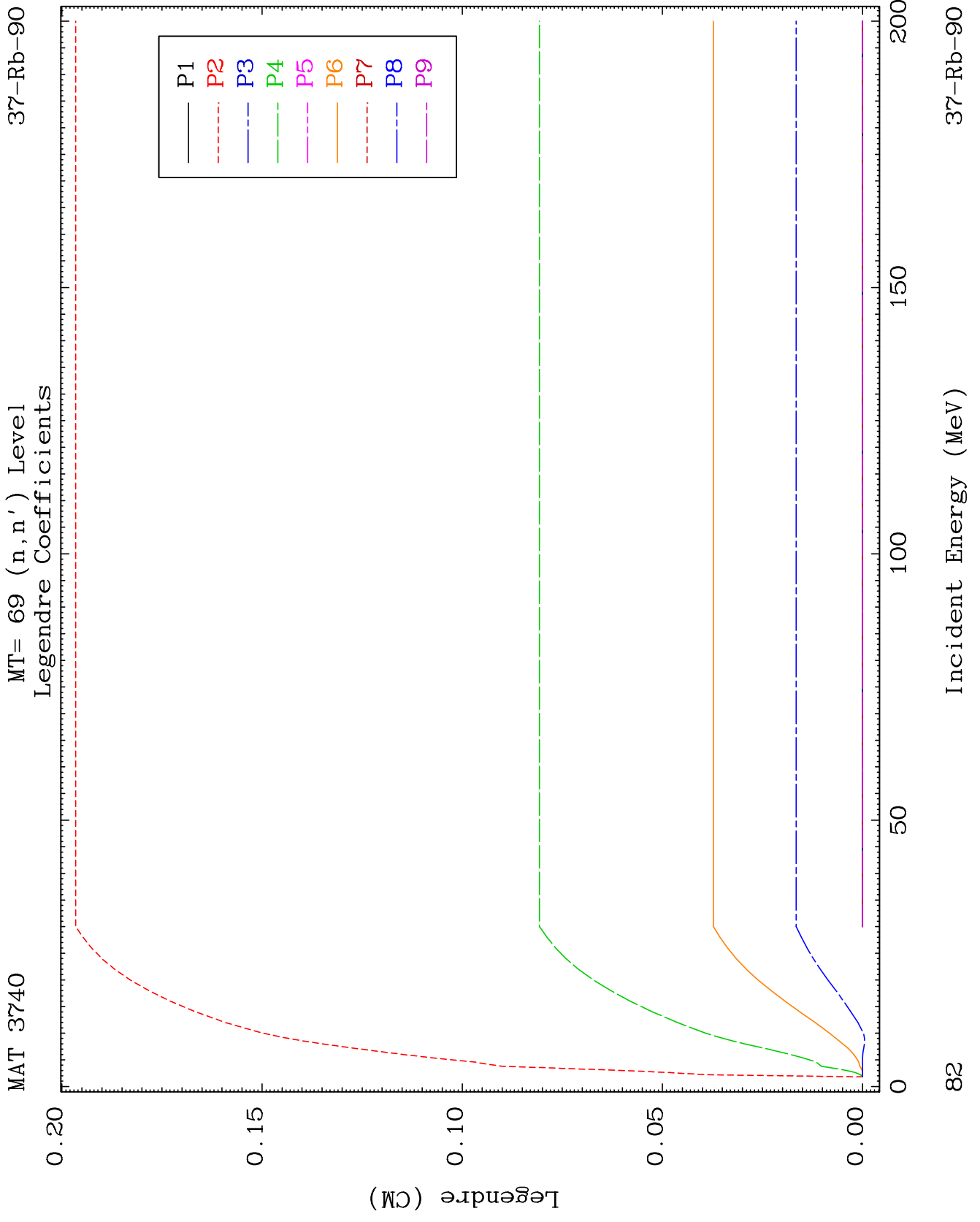
37-Rb-90



81

Incident Energy (MeV)

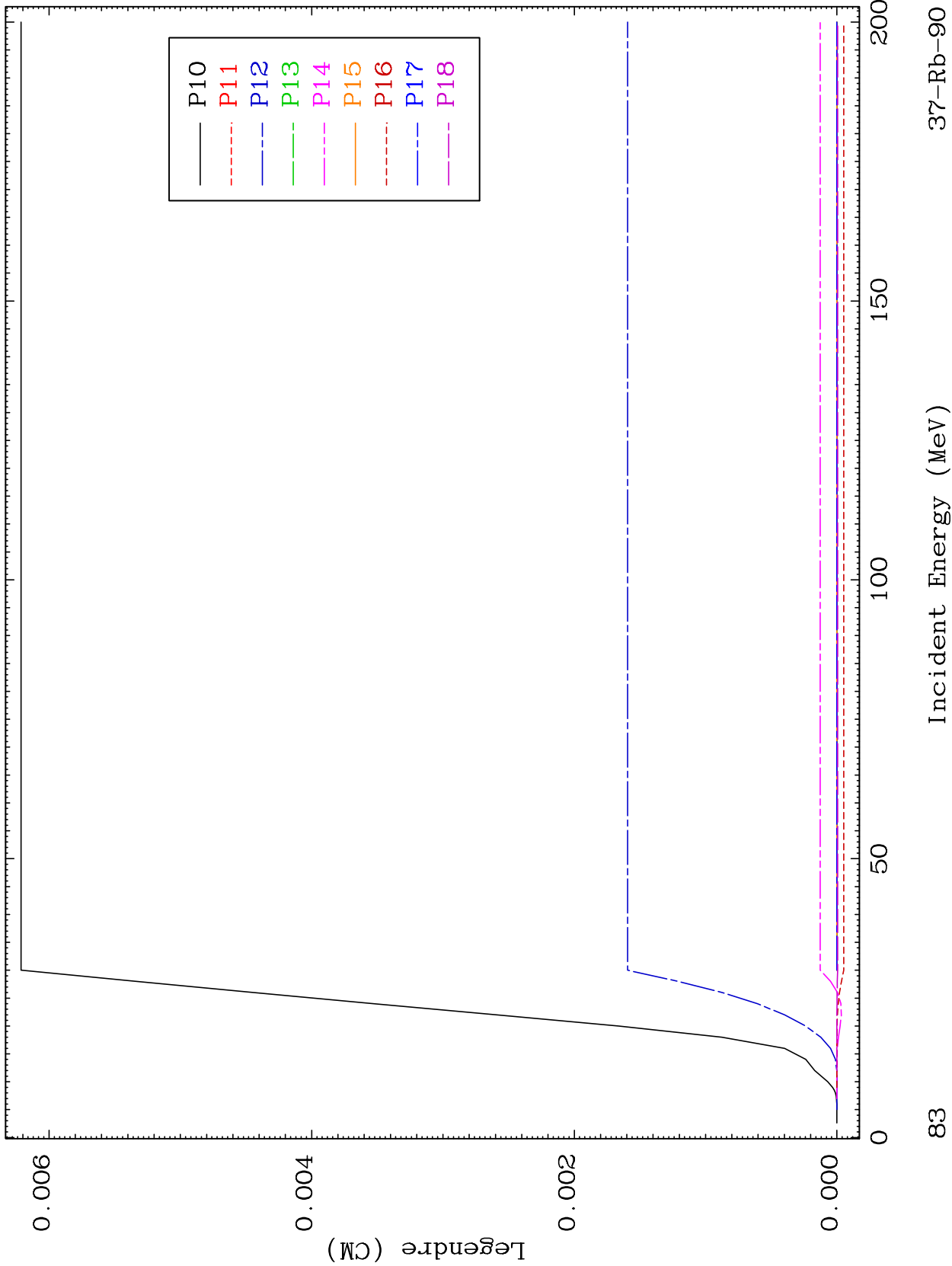
37-Rb-90



MAT 3740

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

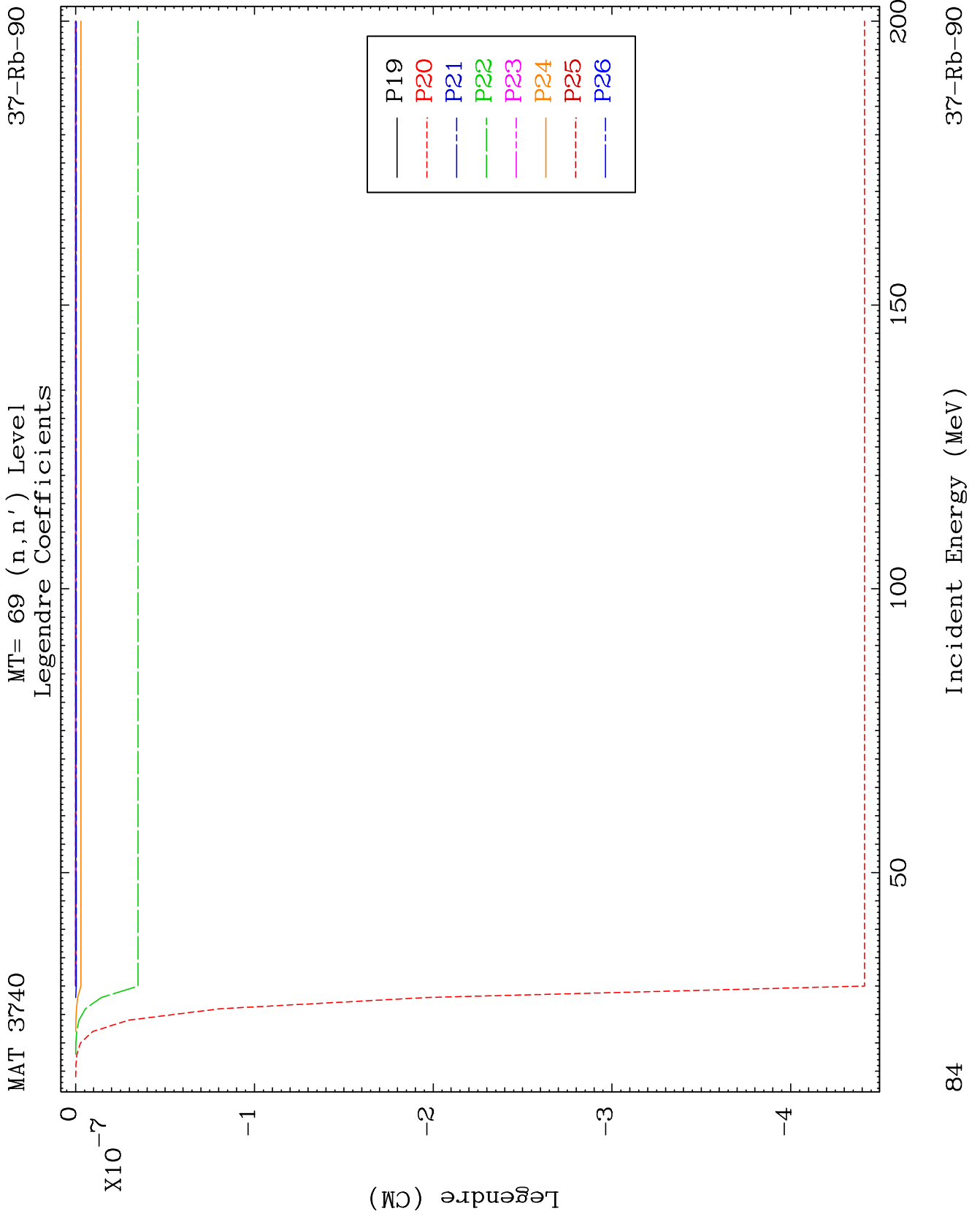
37-Rb-90

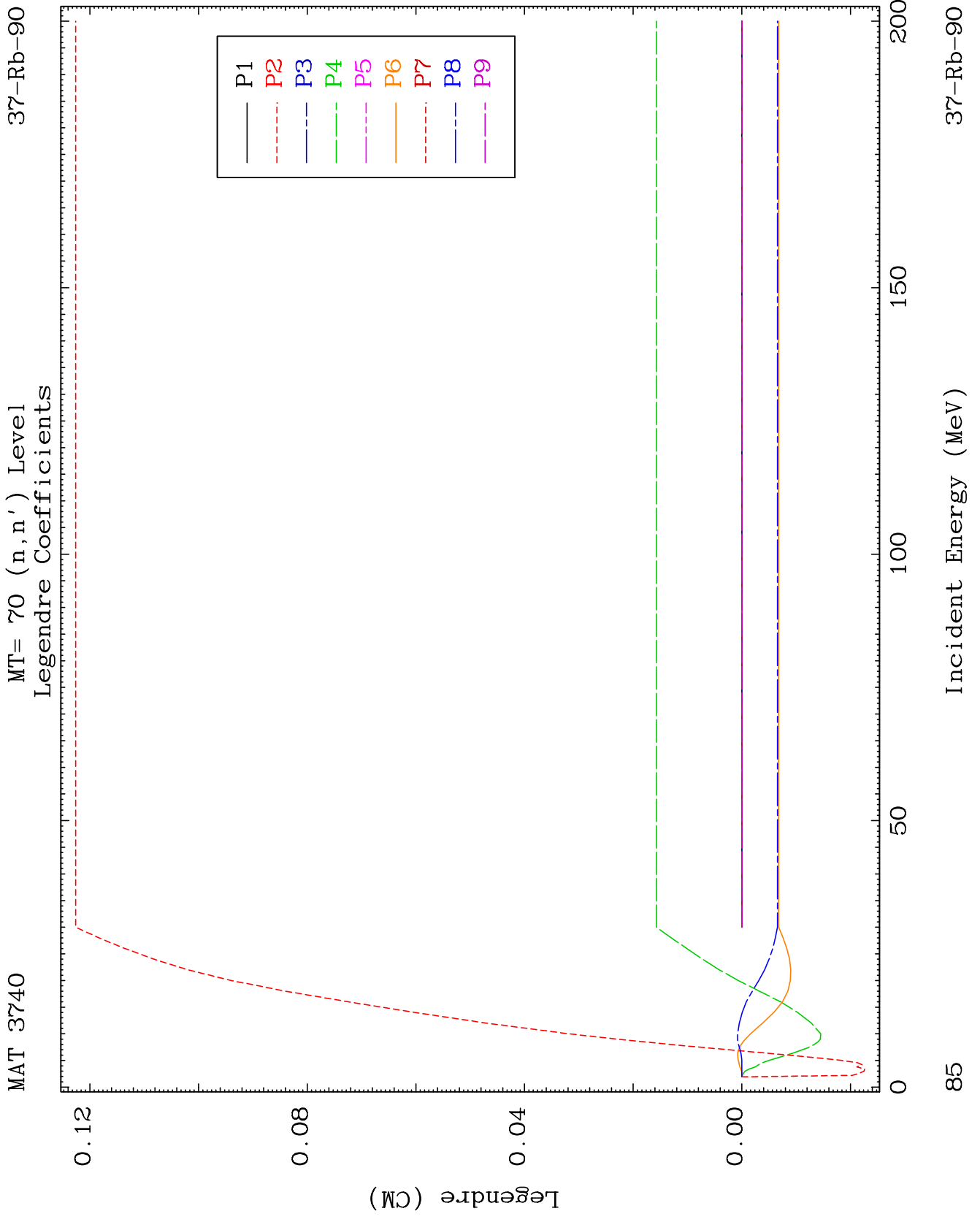


83

Incident Energy (MeV)

37-Rb-90

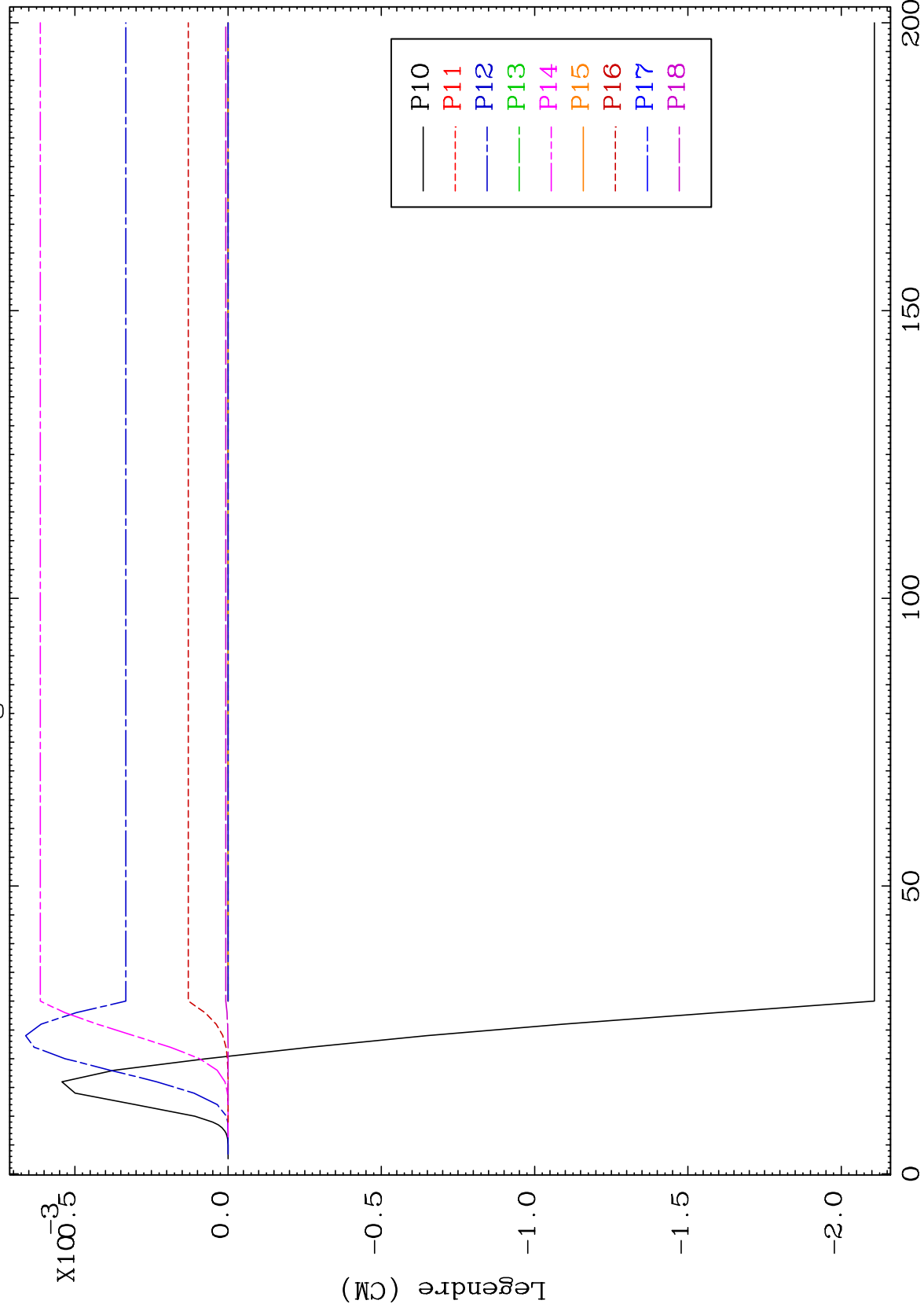




MAT 3740

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

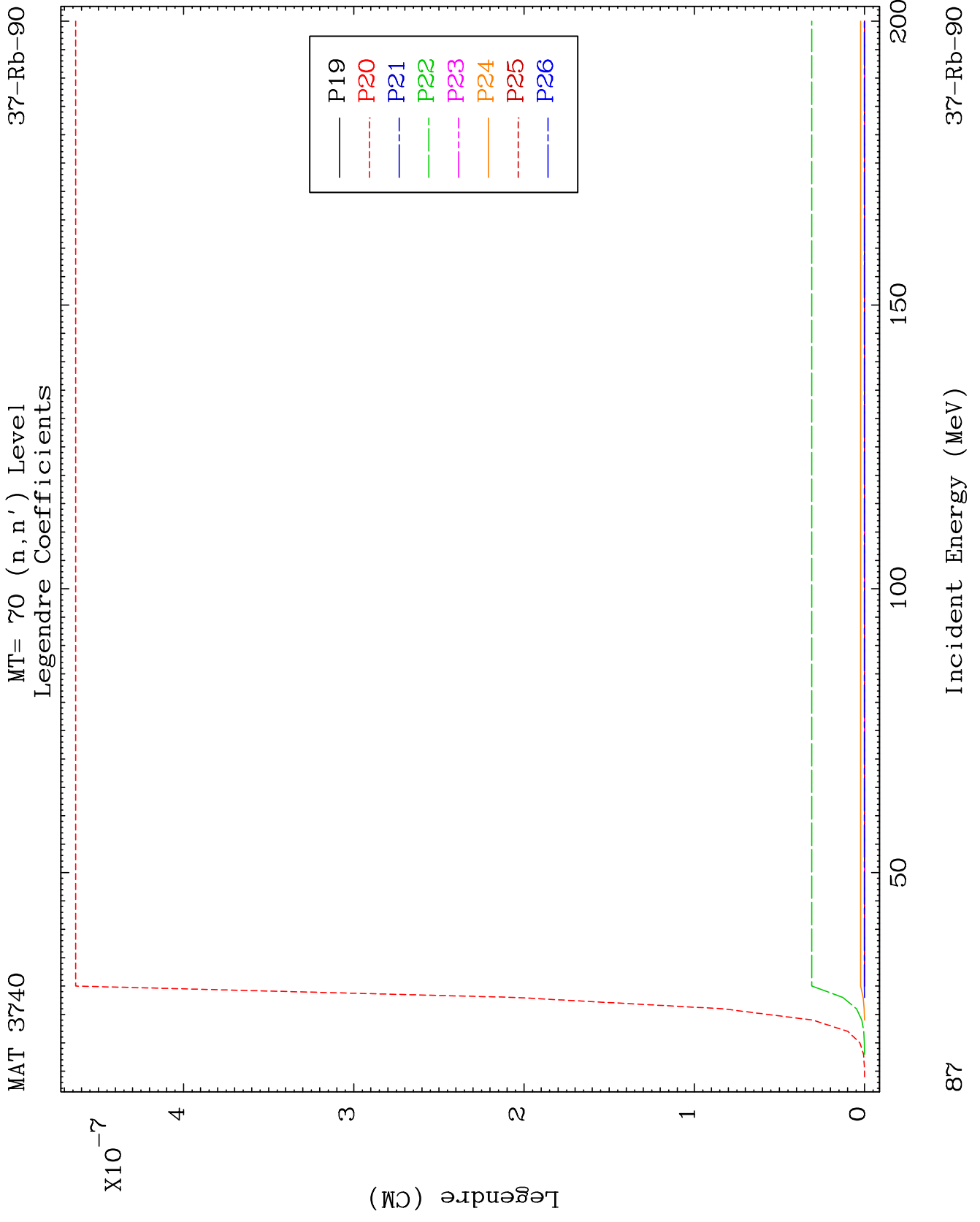
37-Rb-90

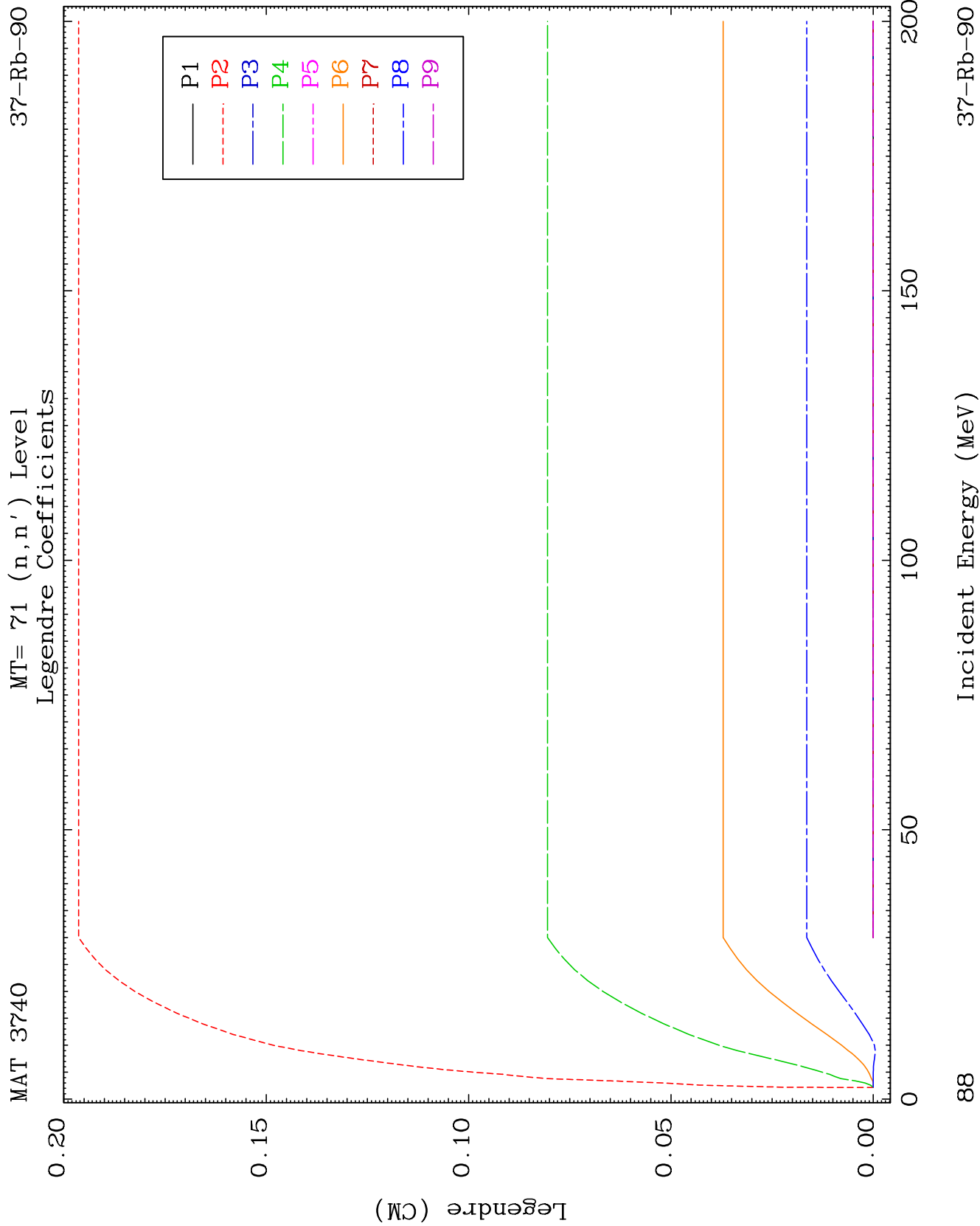


86

Incident Energy (MeV)

37-Rb-90

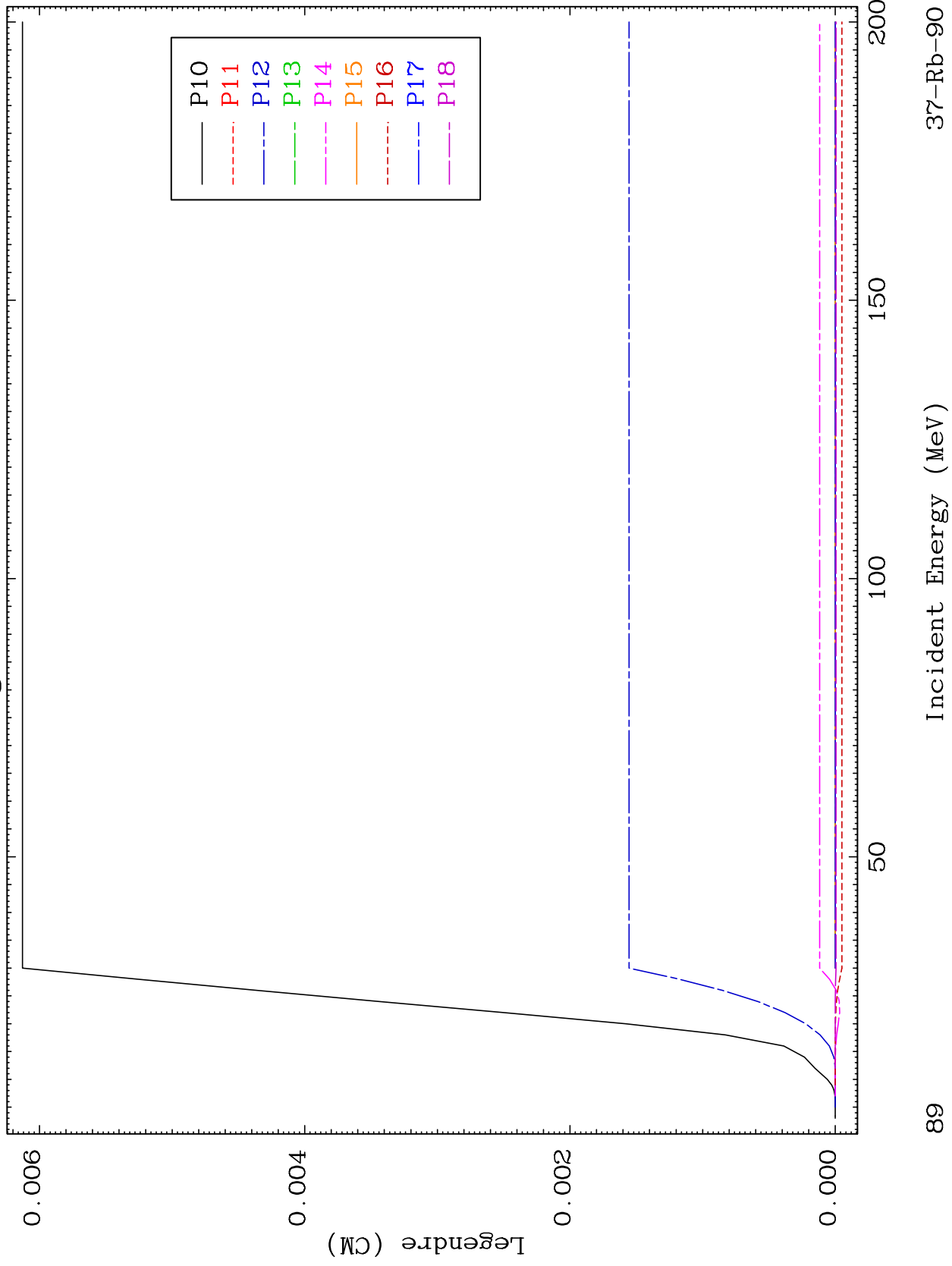




MAT 3740

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

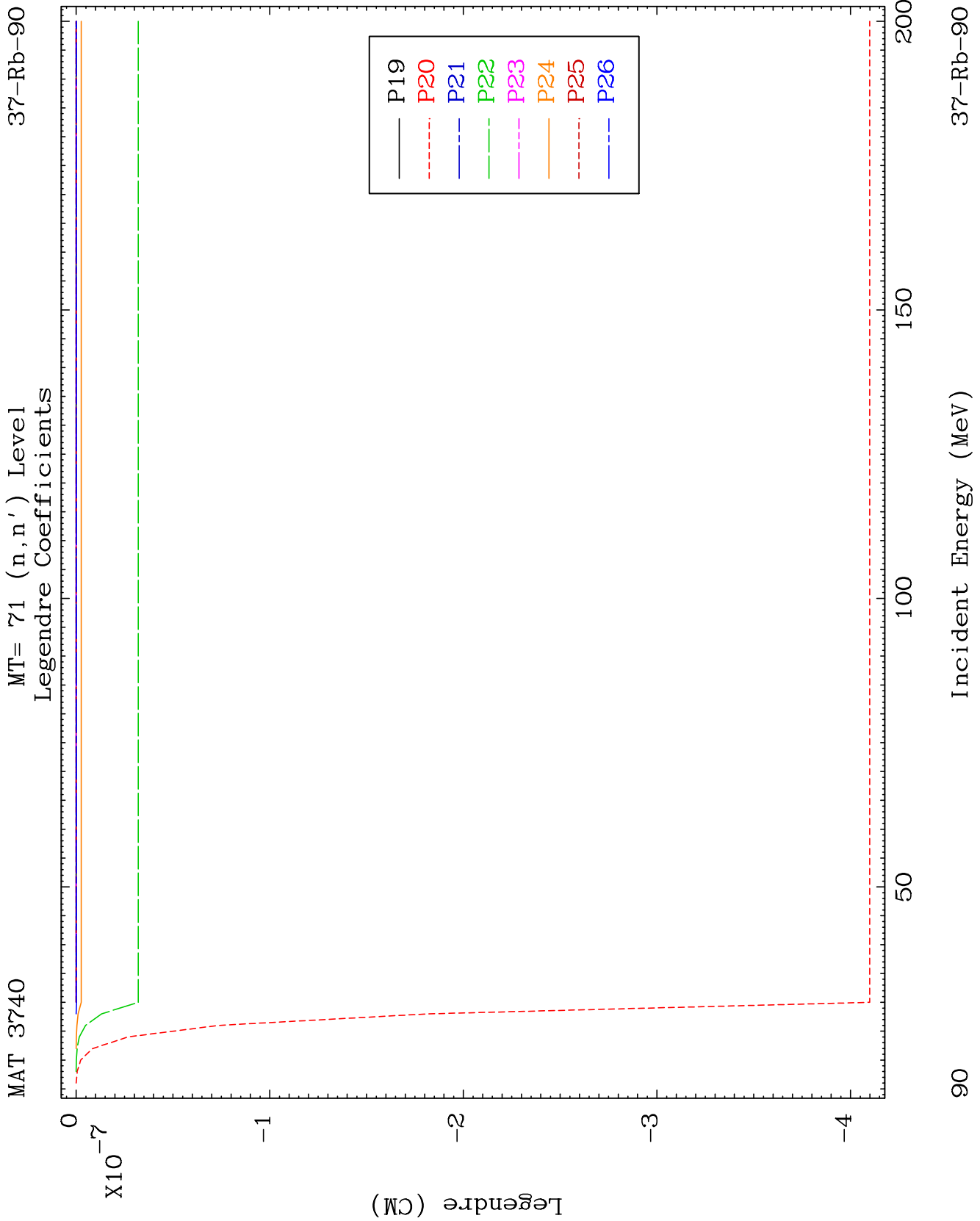
37-Rb-90



89

Incident Energy (MeV)

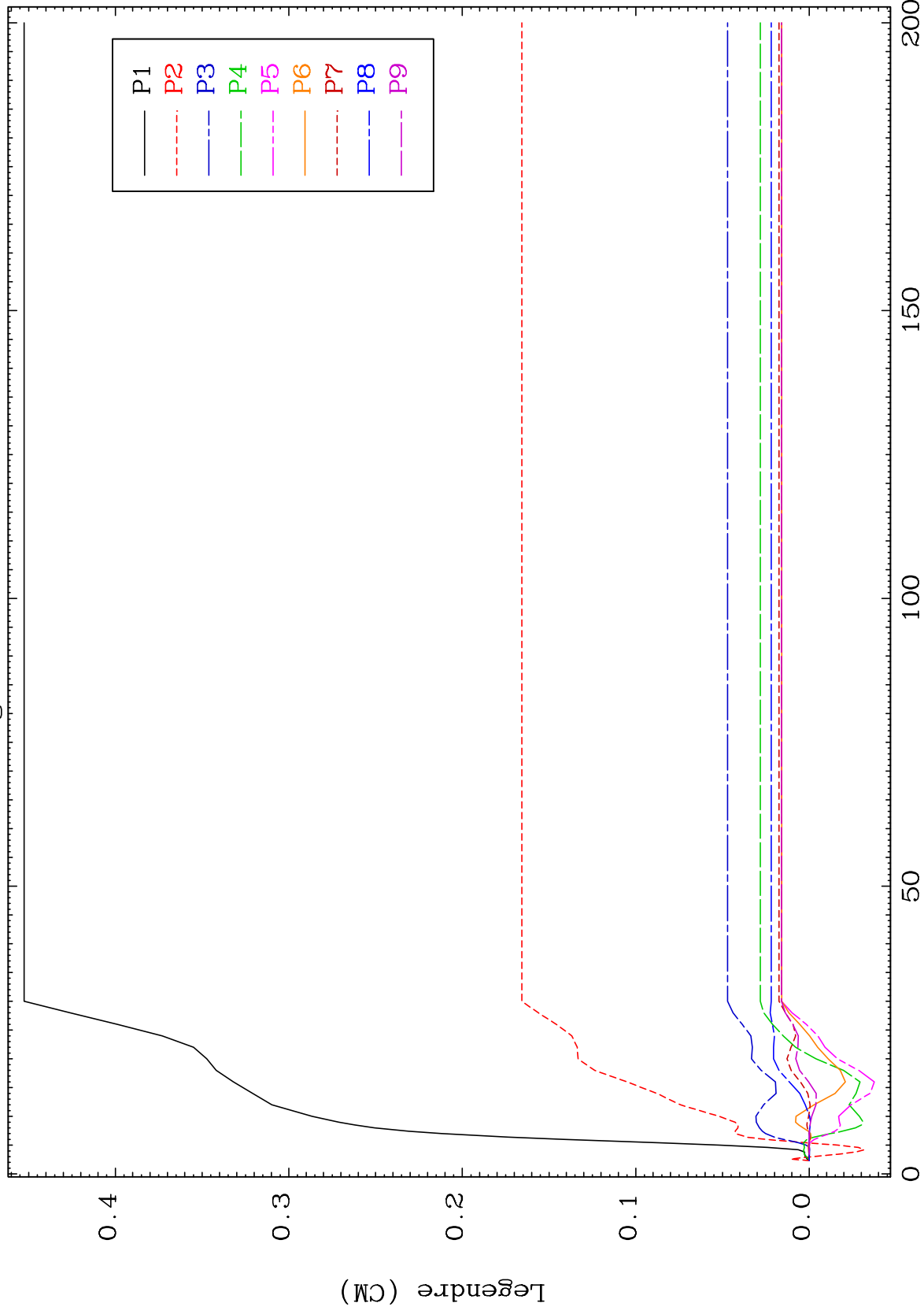
37-Rb-90



MAT 3740

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

37-Rb-90



91

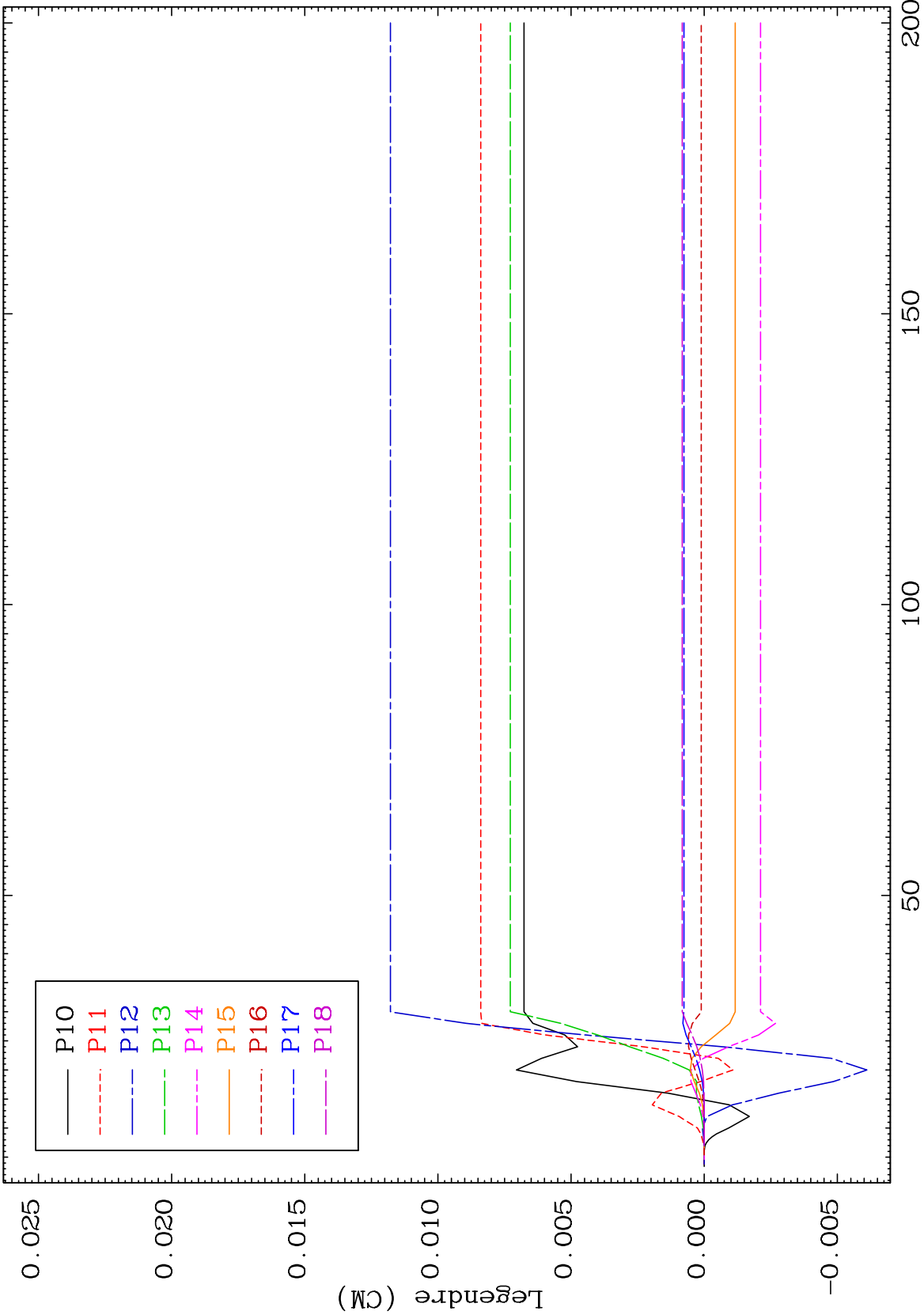
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

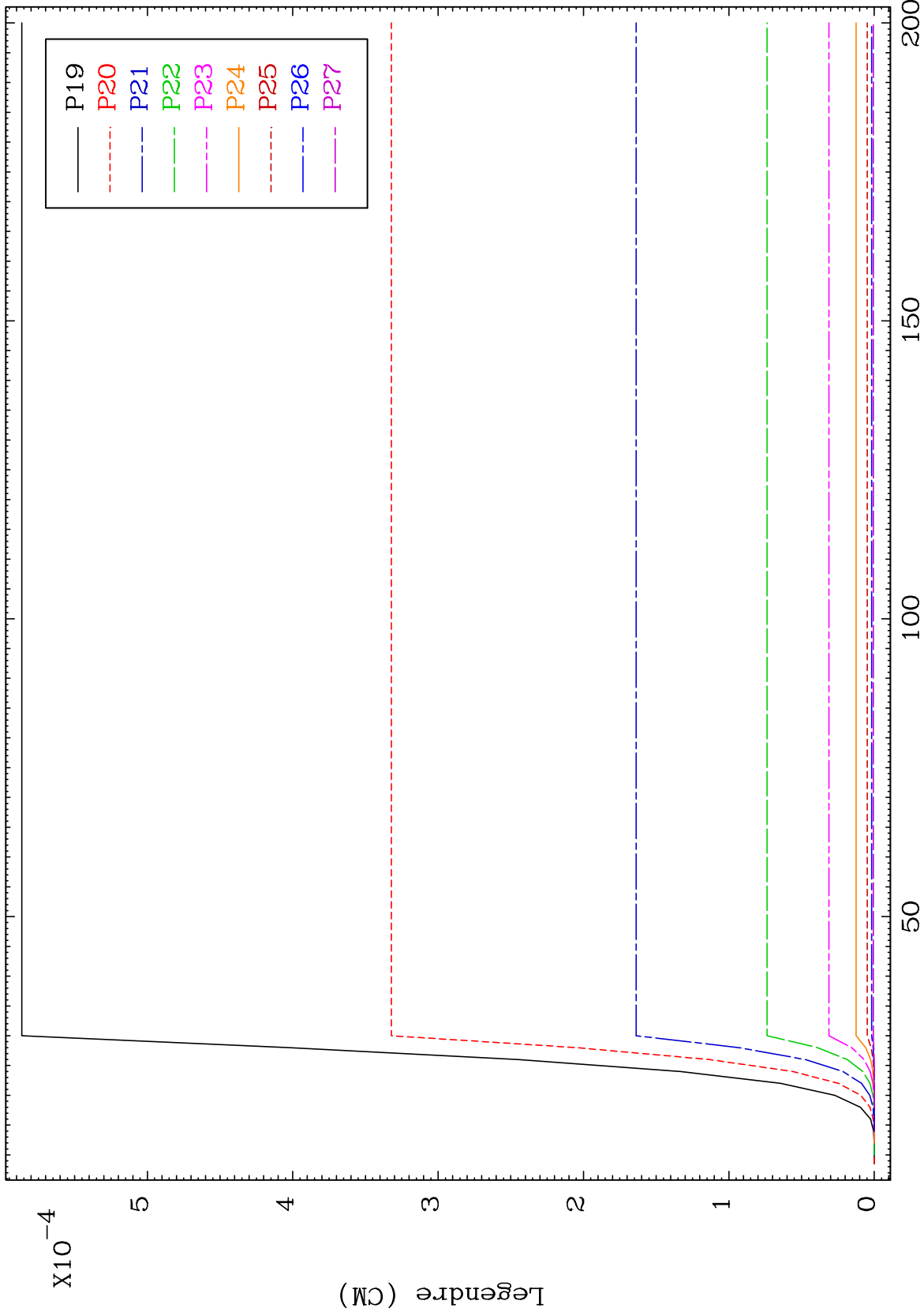
37-Rb-90



MAT 3740

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

37-Rb-90



93

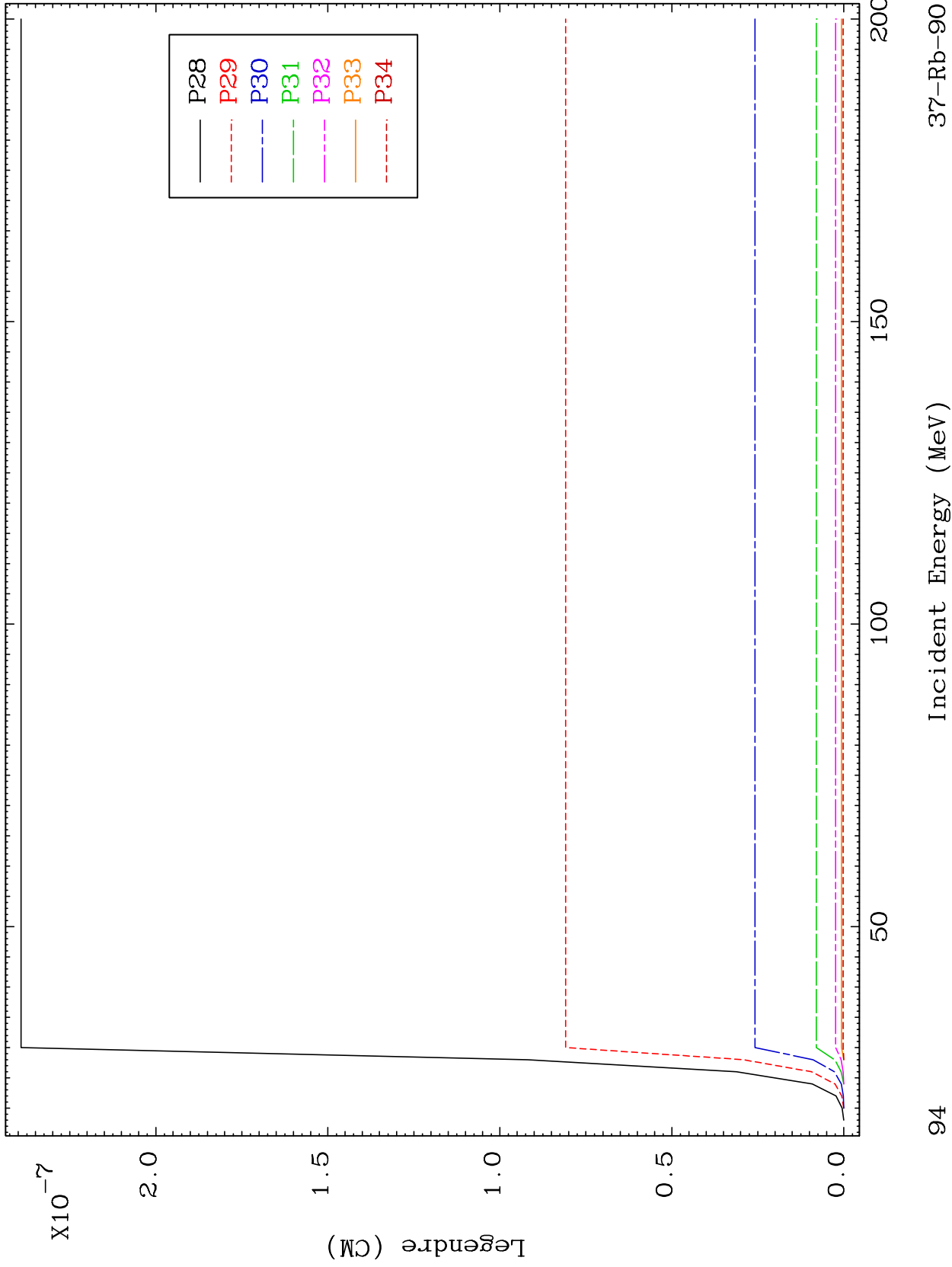
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



94

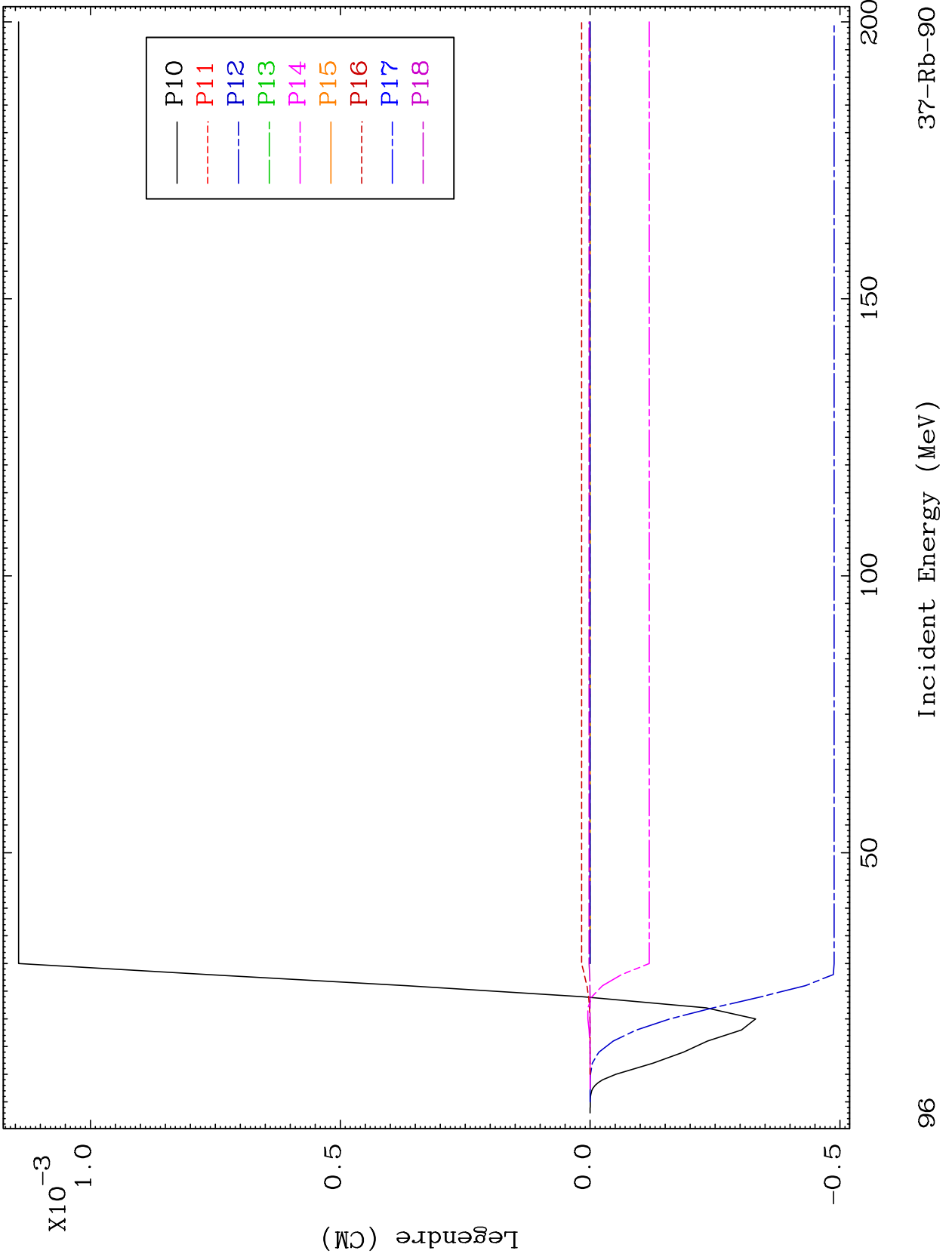
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

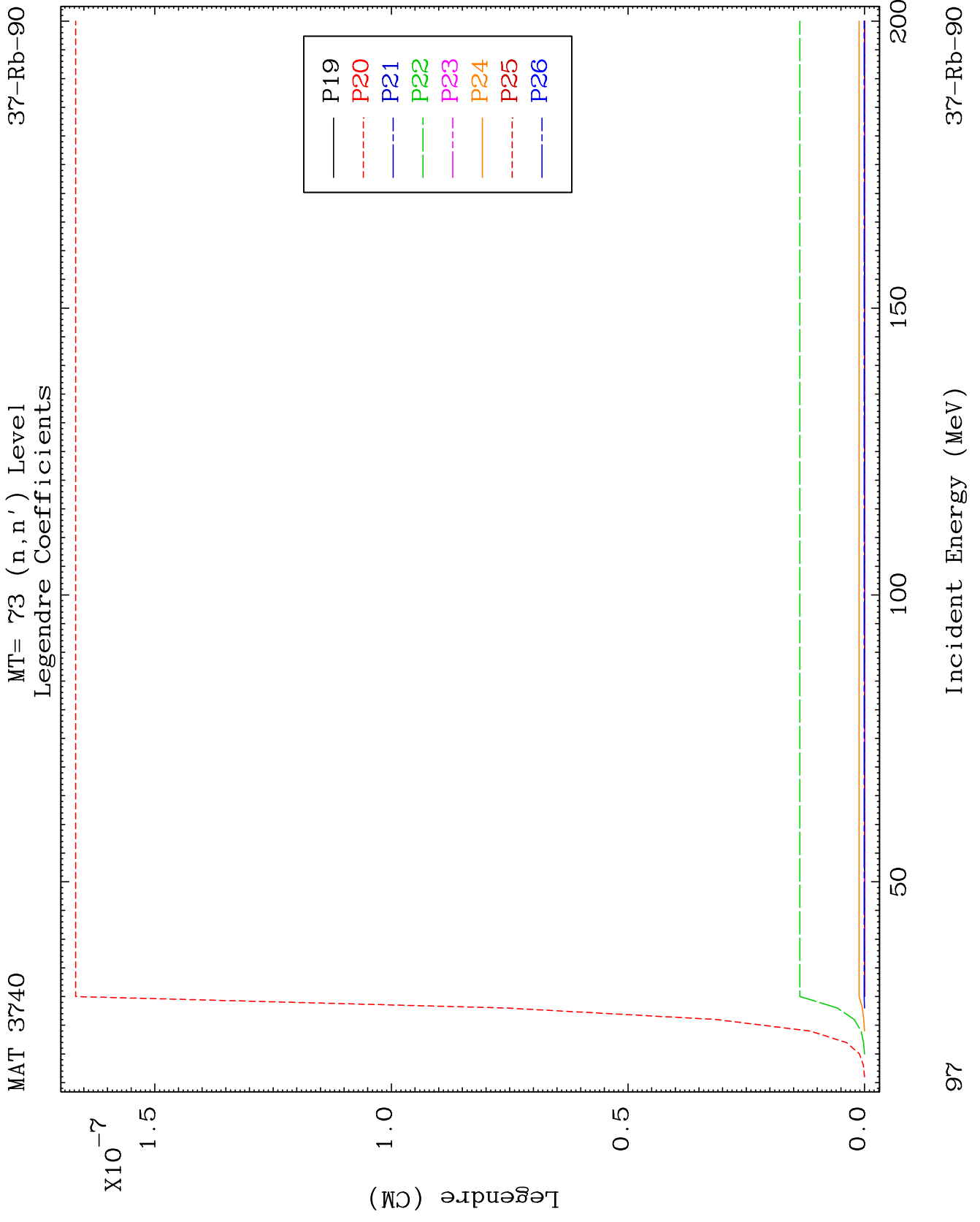
37-Rb-90

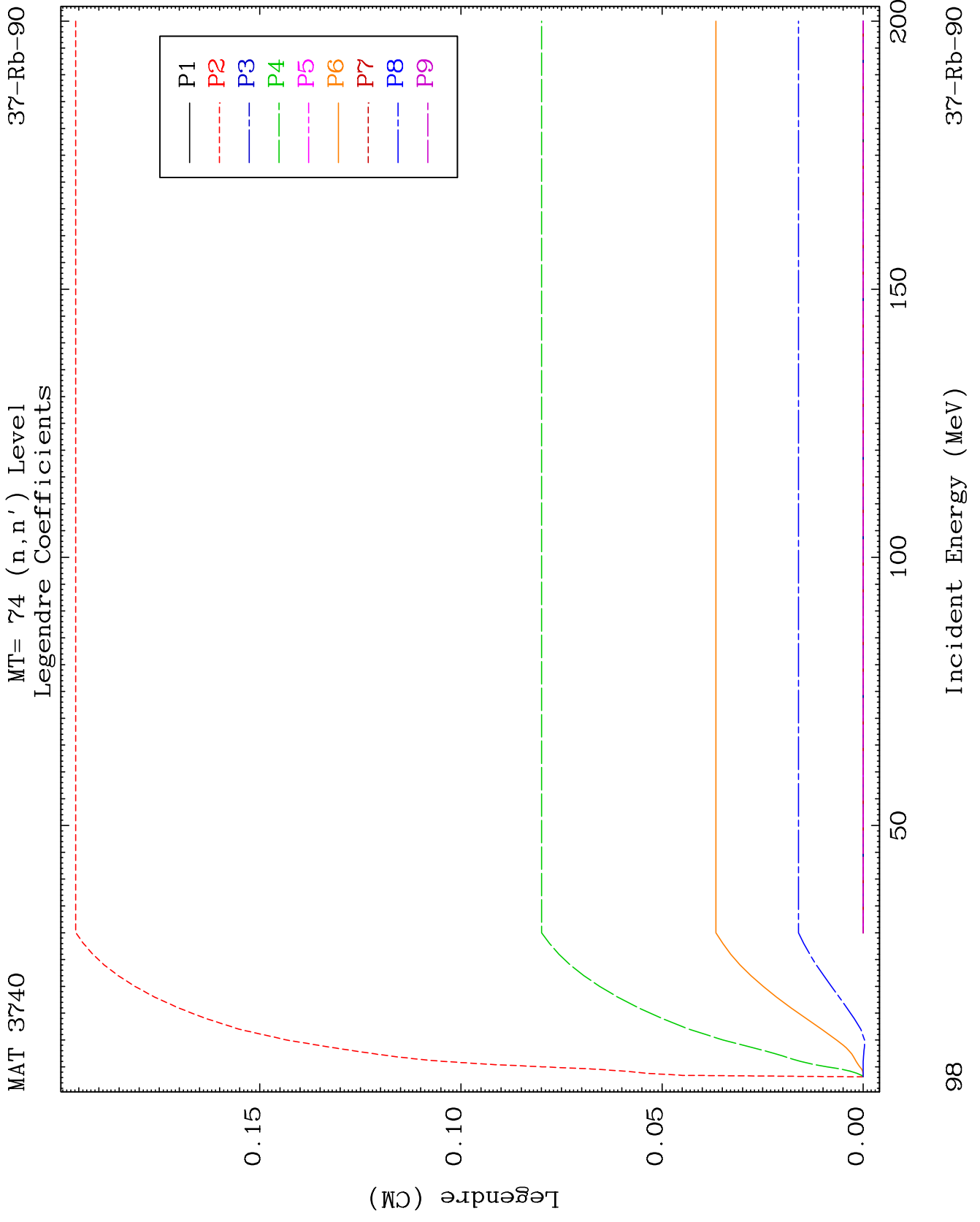


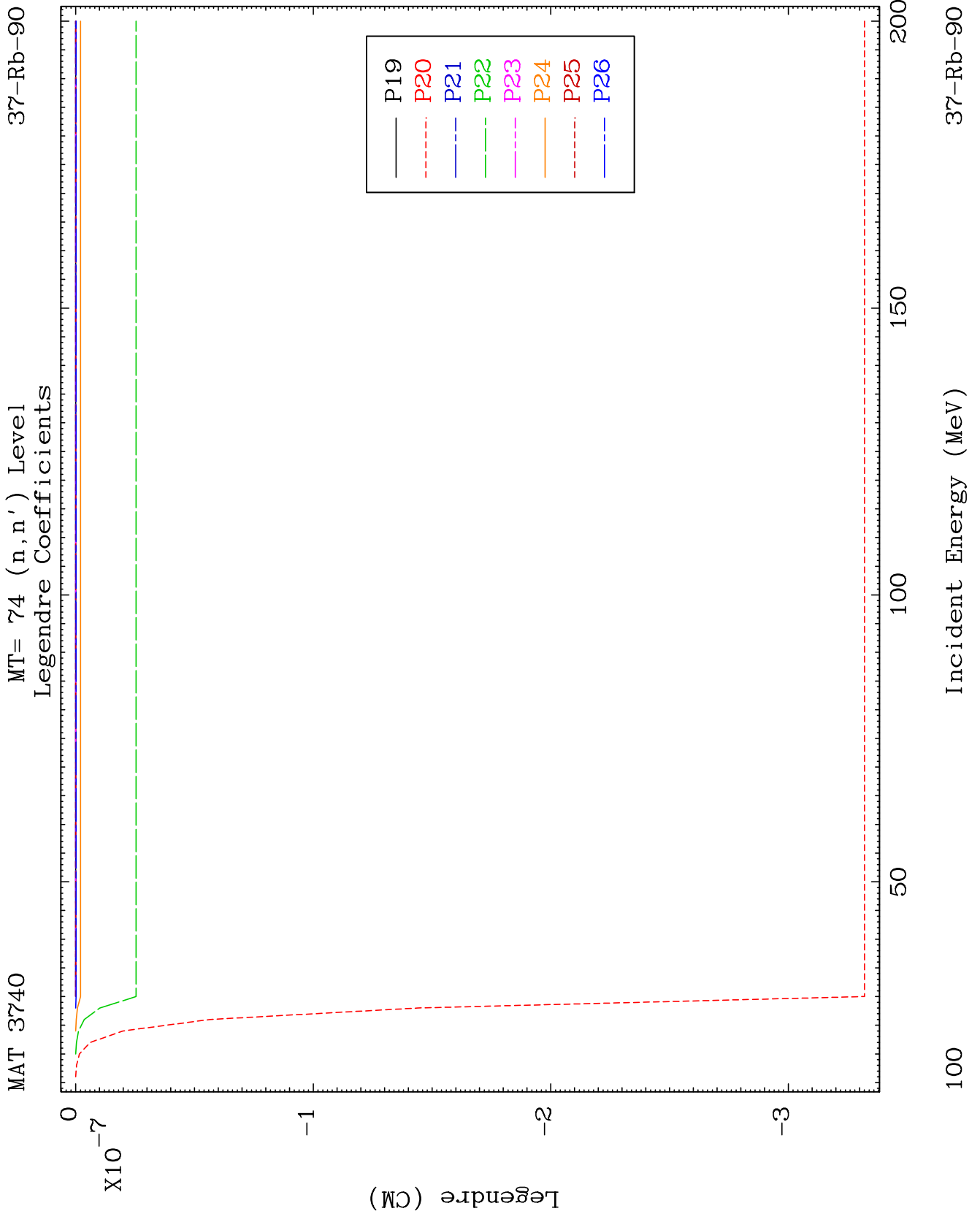
96

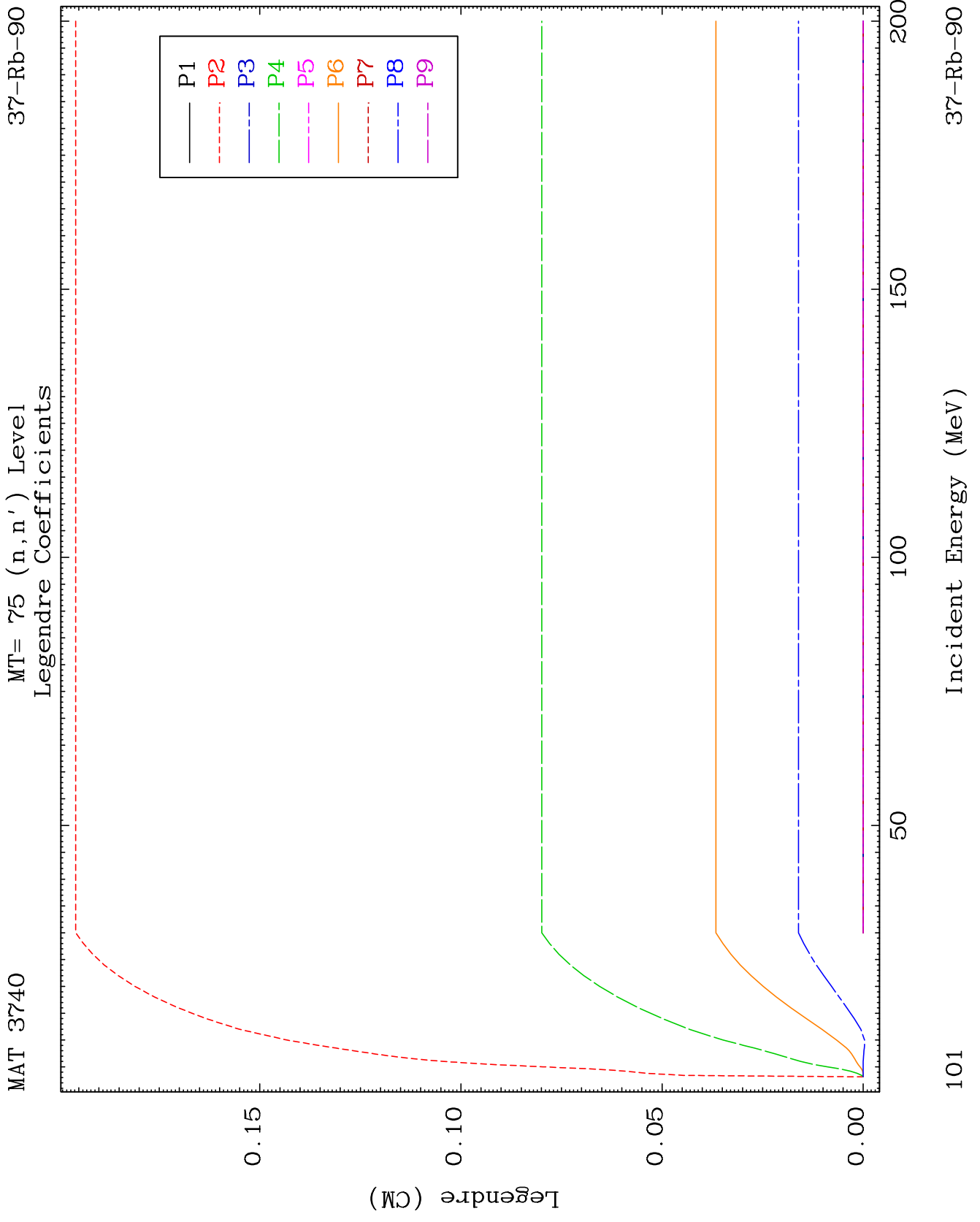
Incident Energy (MeV)

37-Rb-90





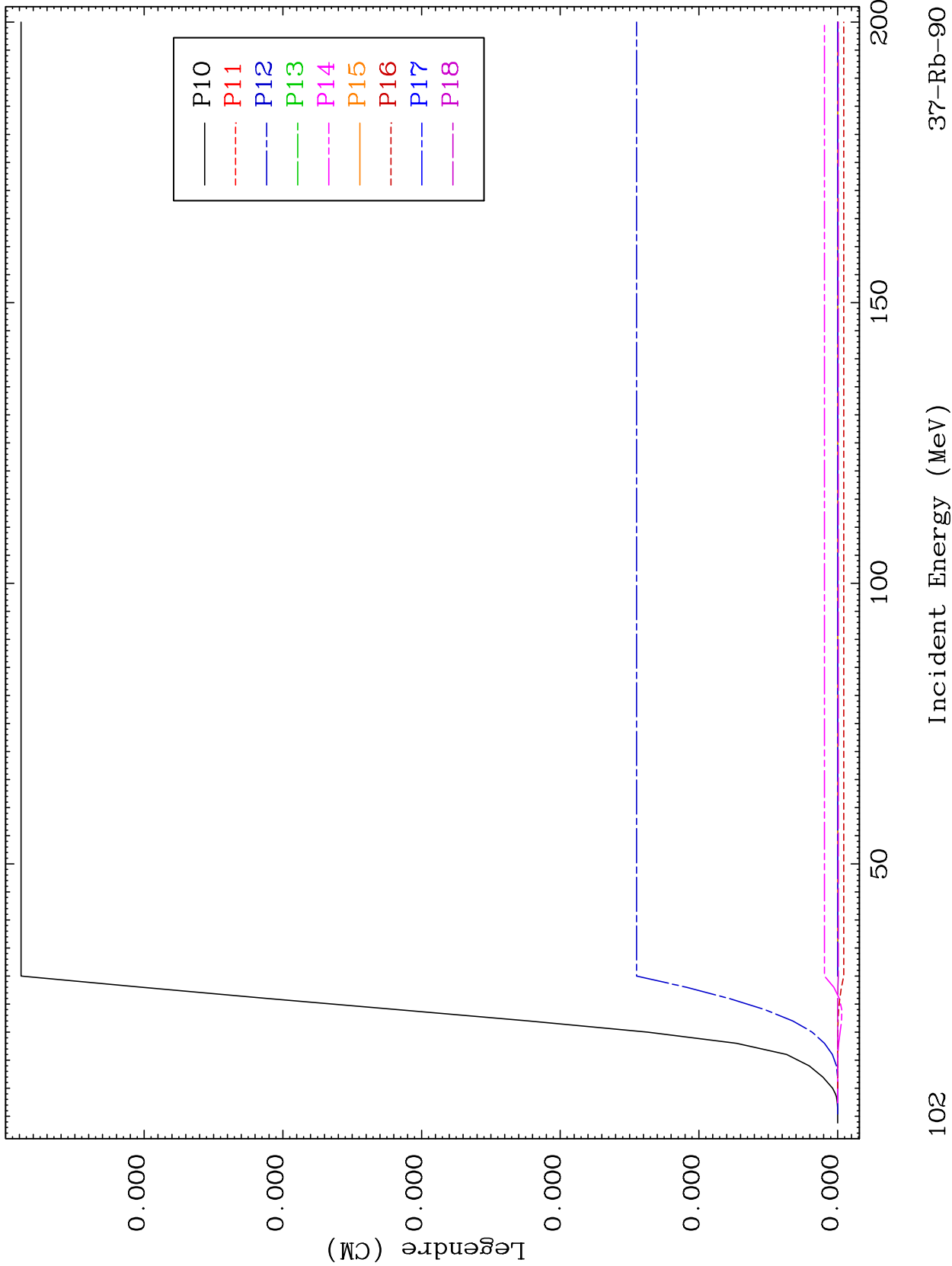




MAT 3740

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

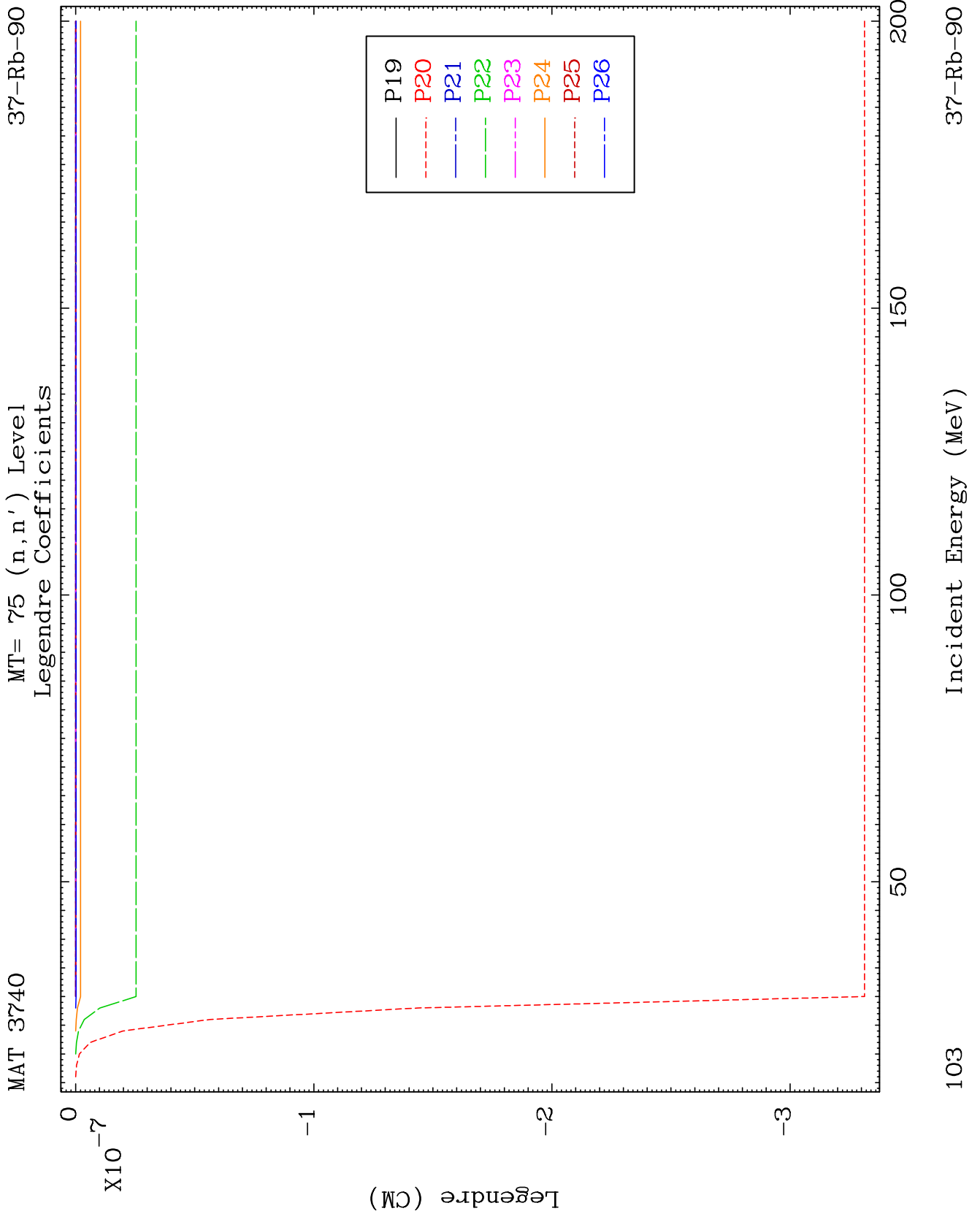
37-Rb-90

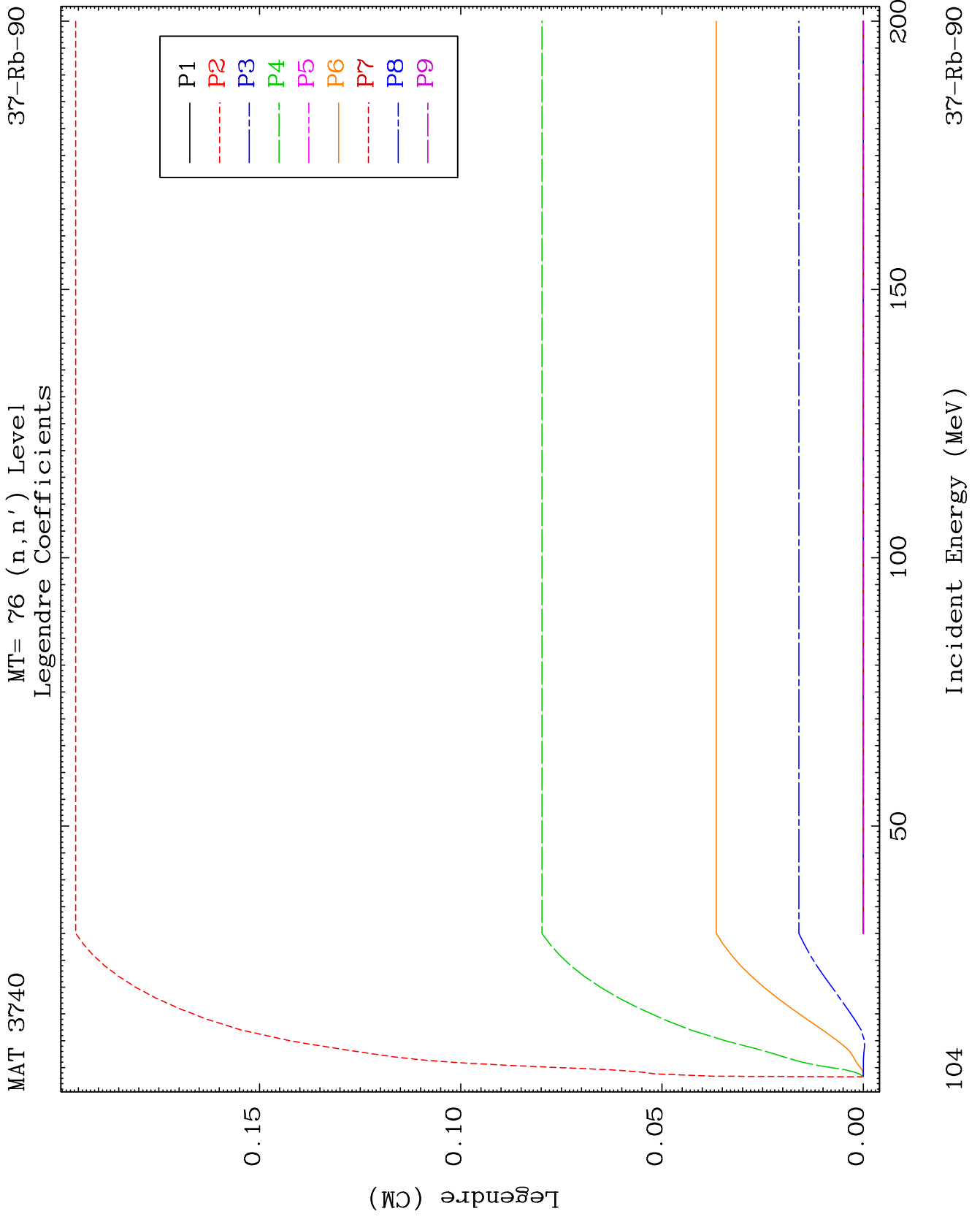


102

Incident Energy (MeV)

37-Rb-90

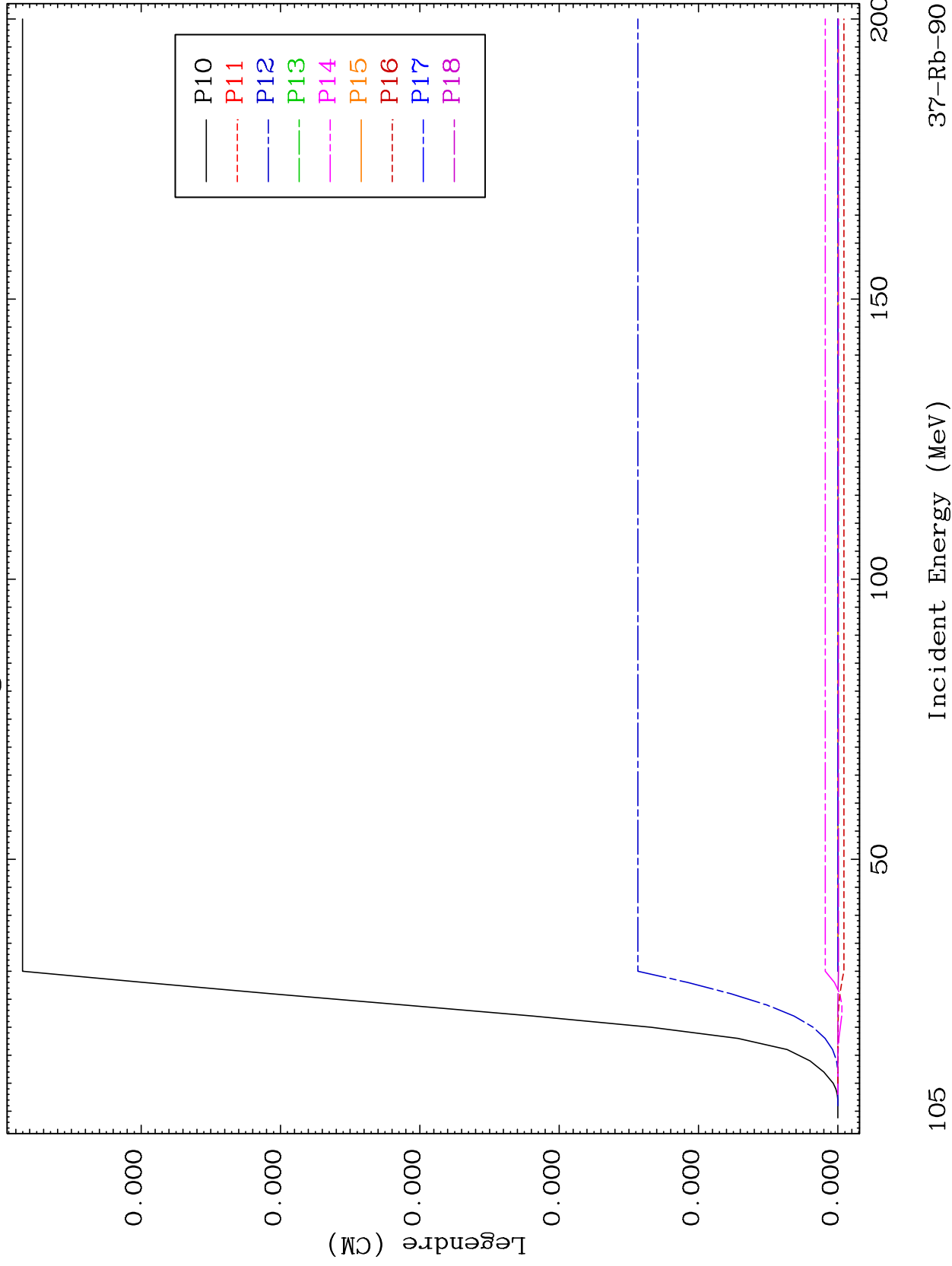




MAT 3740

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

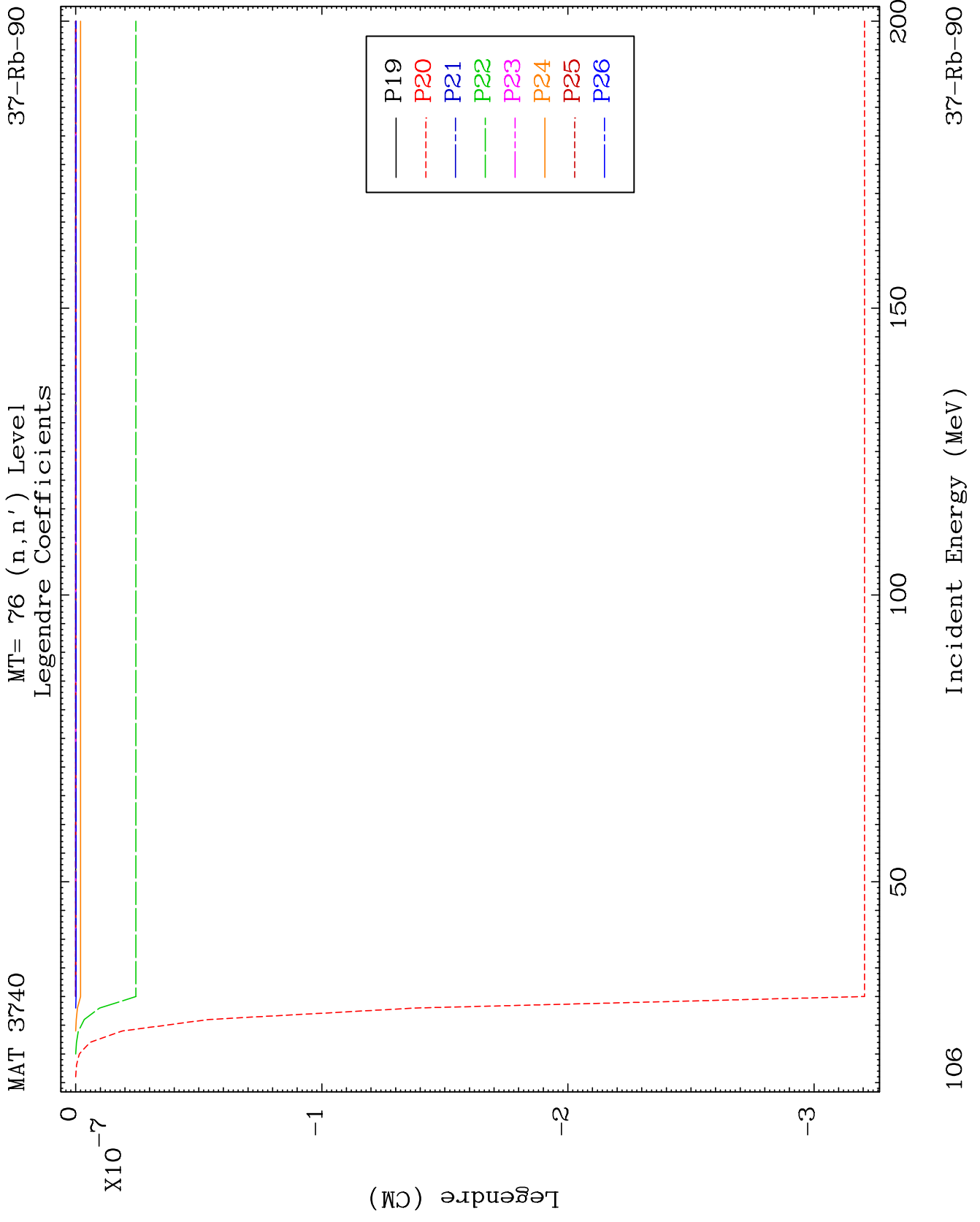
37-Rb-90



105

Incident Energy (MeV)

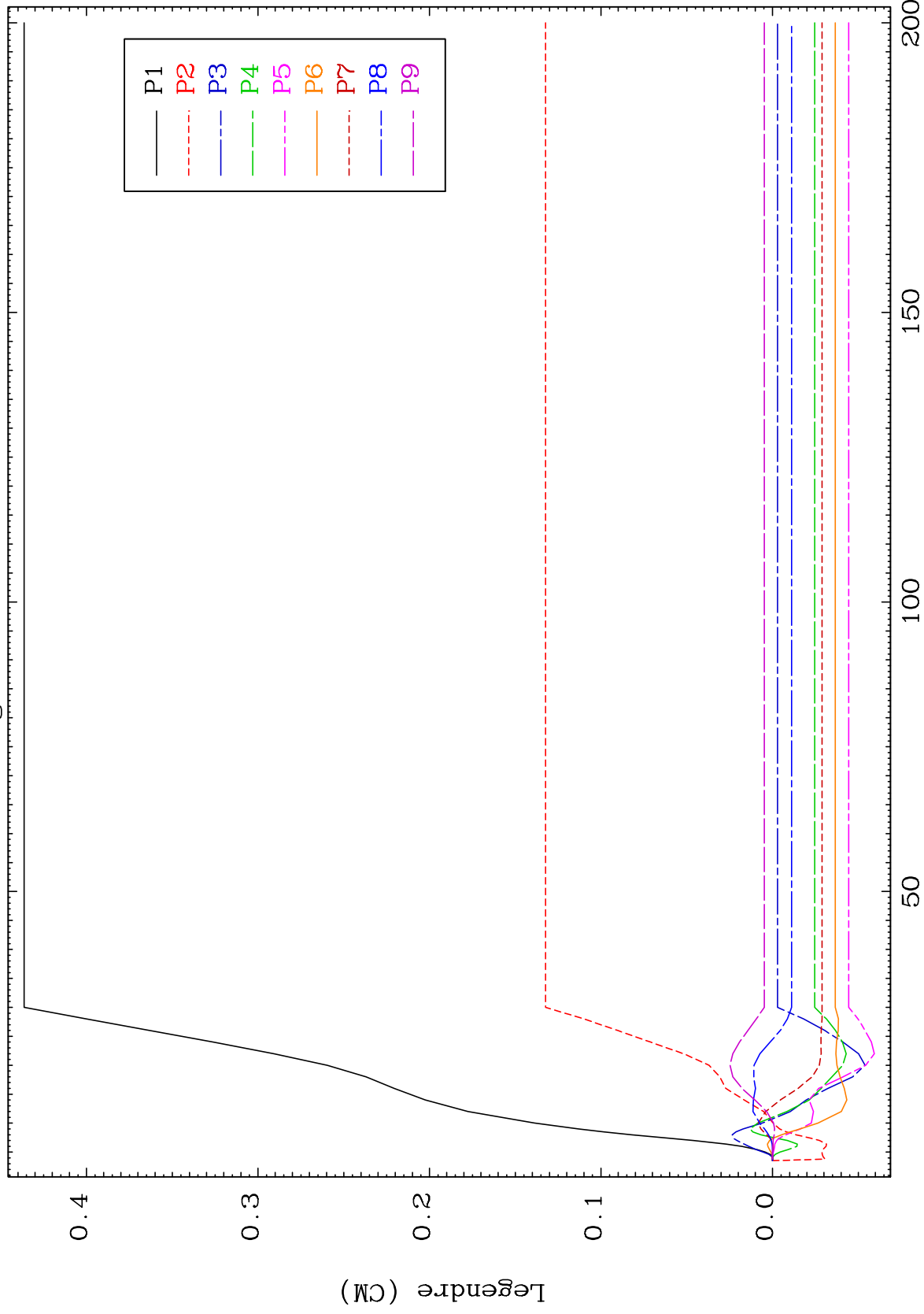
37-Rb-90



MAT 3740

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

37-Rb-90



107

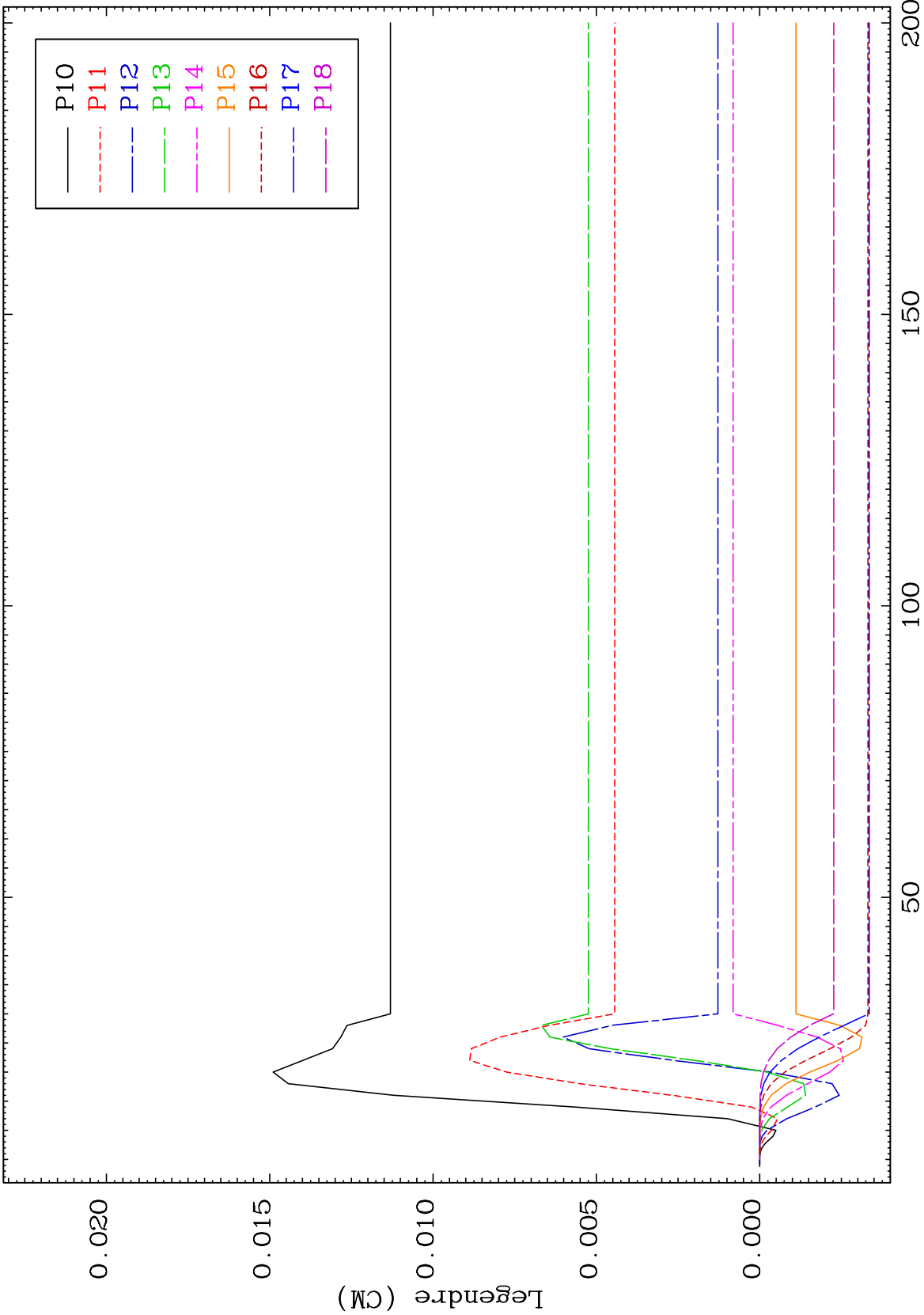
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

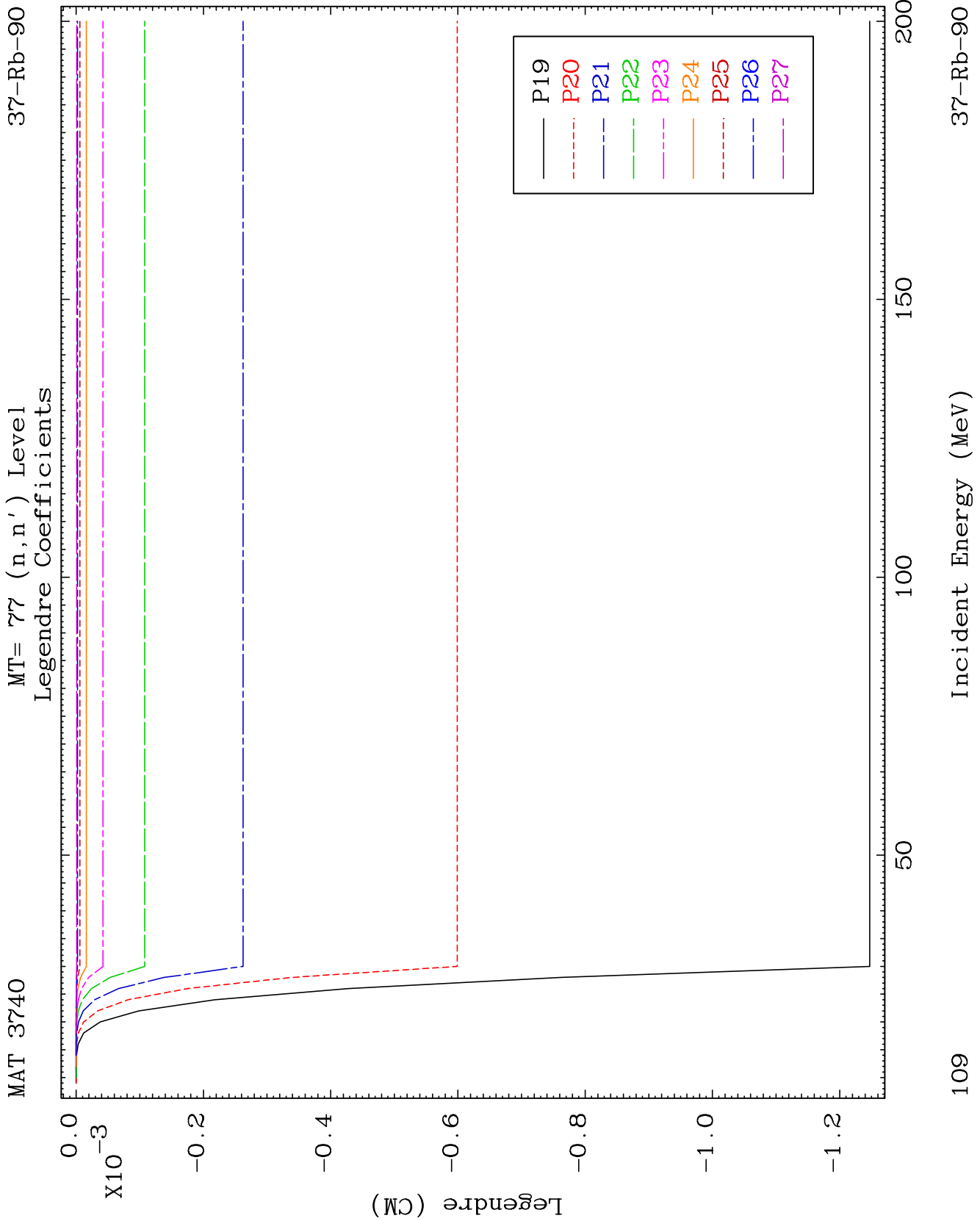
37-Rb-90

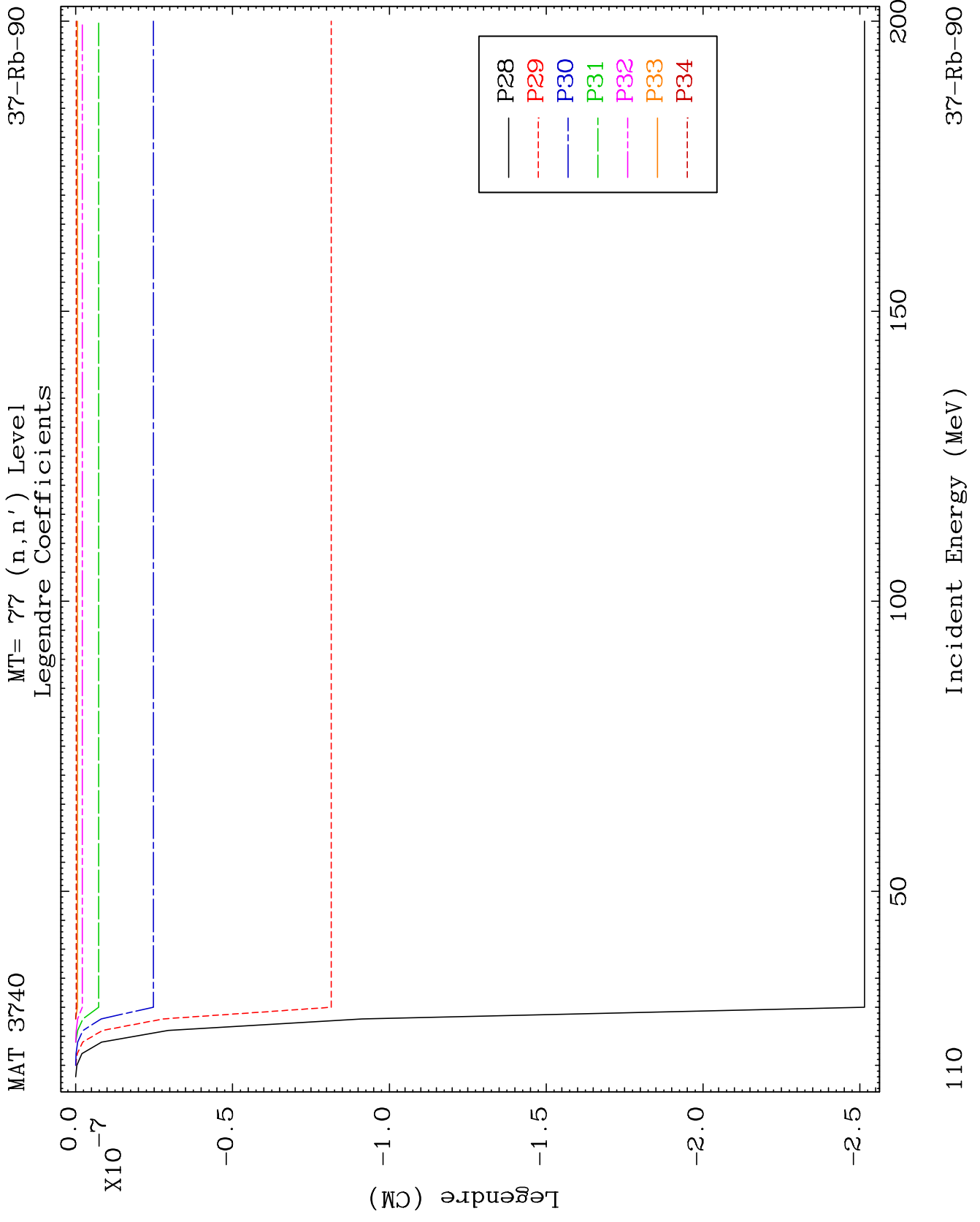


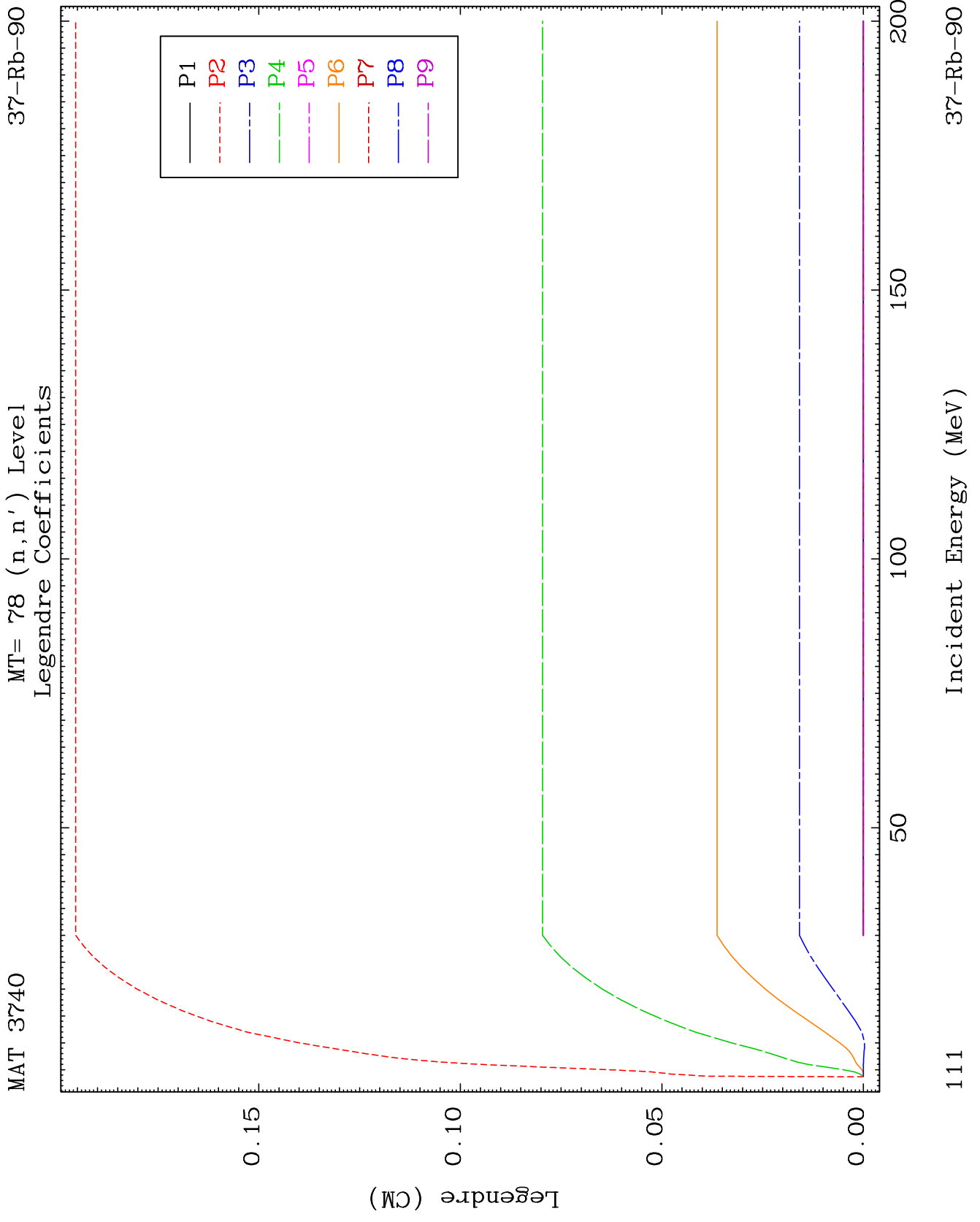
108

Incident Energy (MeV)

37-Rb-90



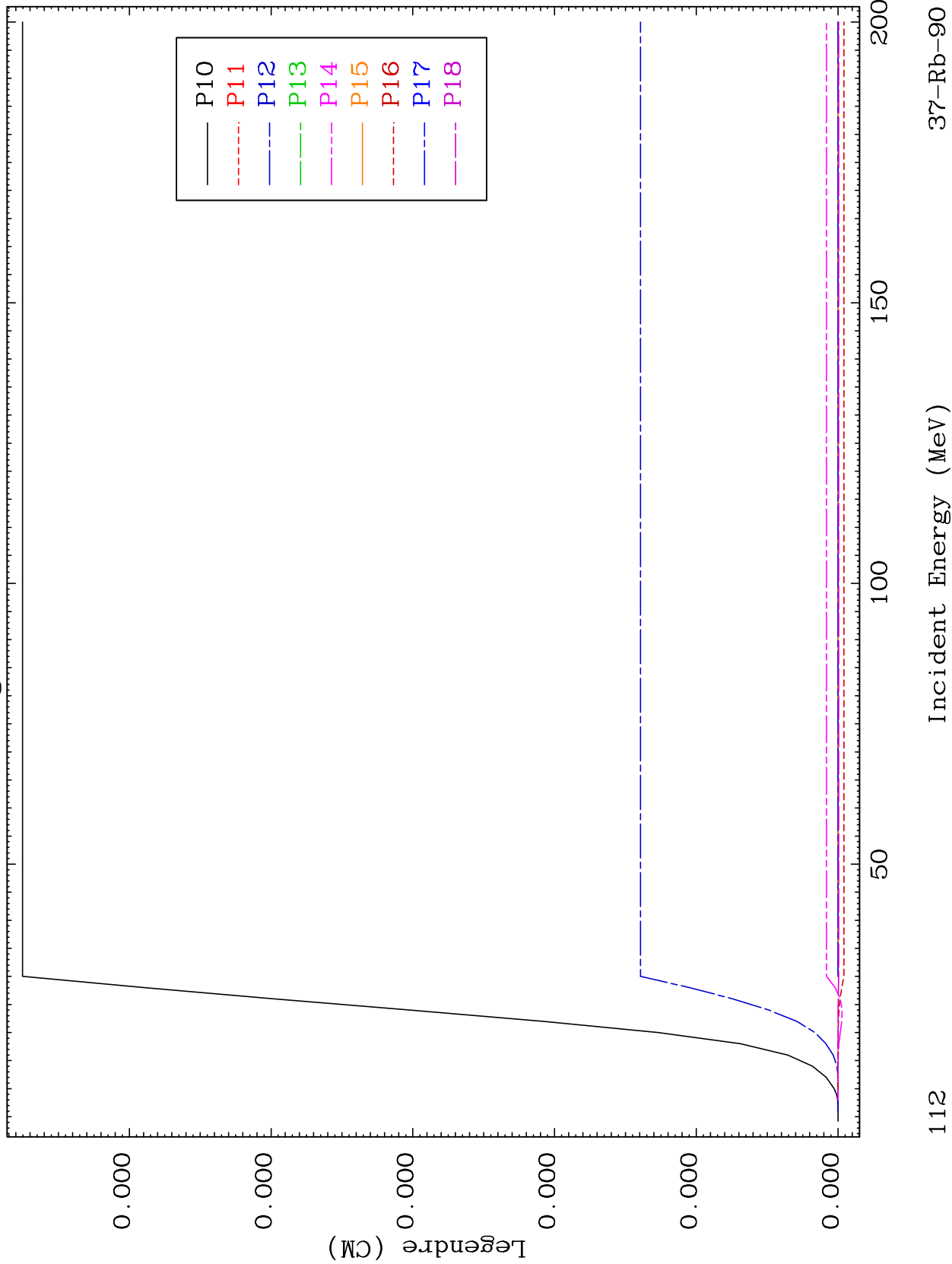




MAT 3740

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

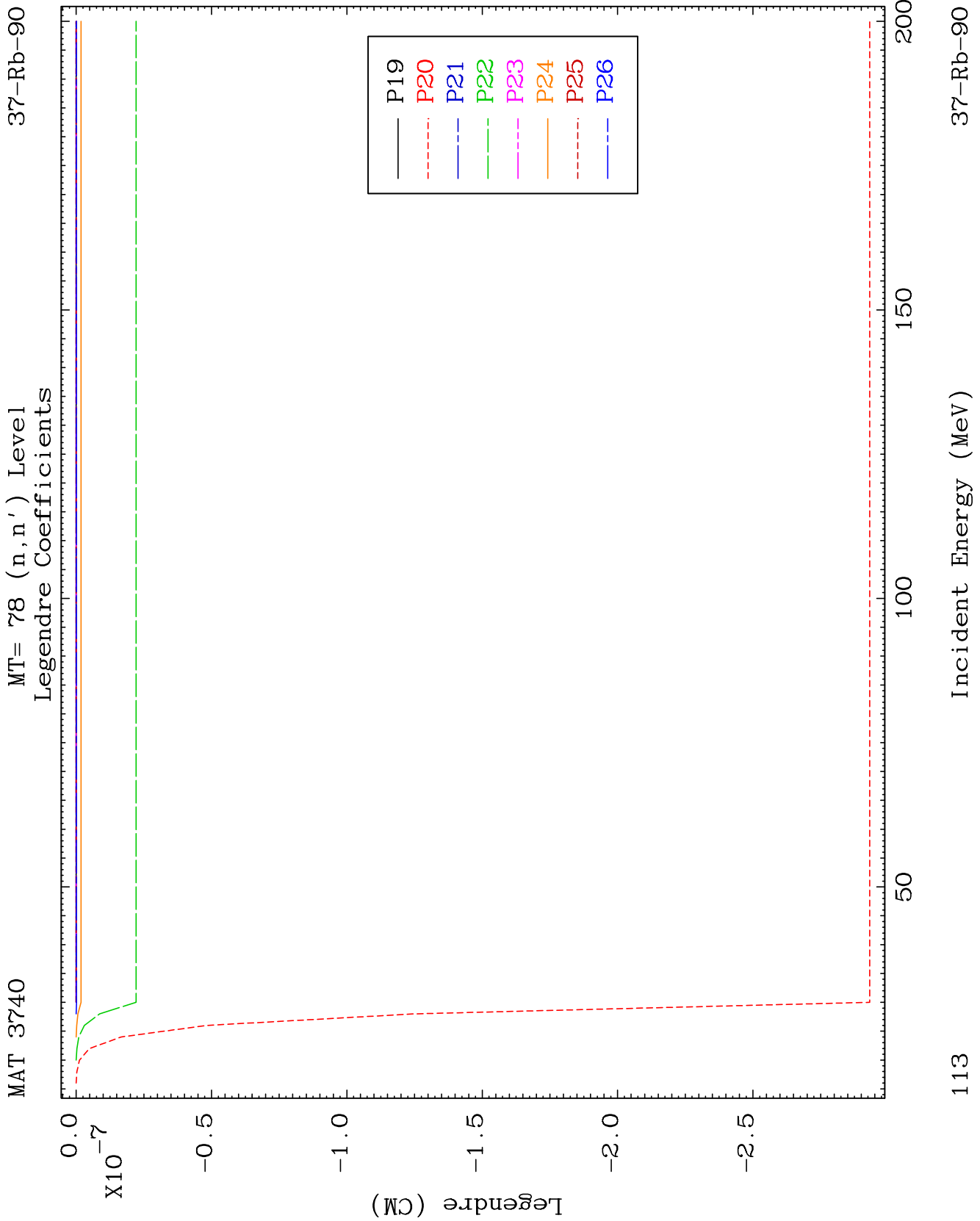
37-Rb-90



112

Incident Energy (MeV)

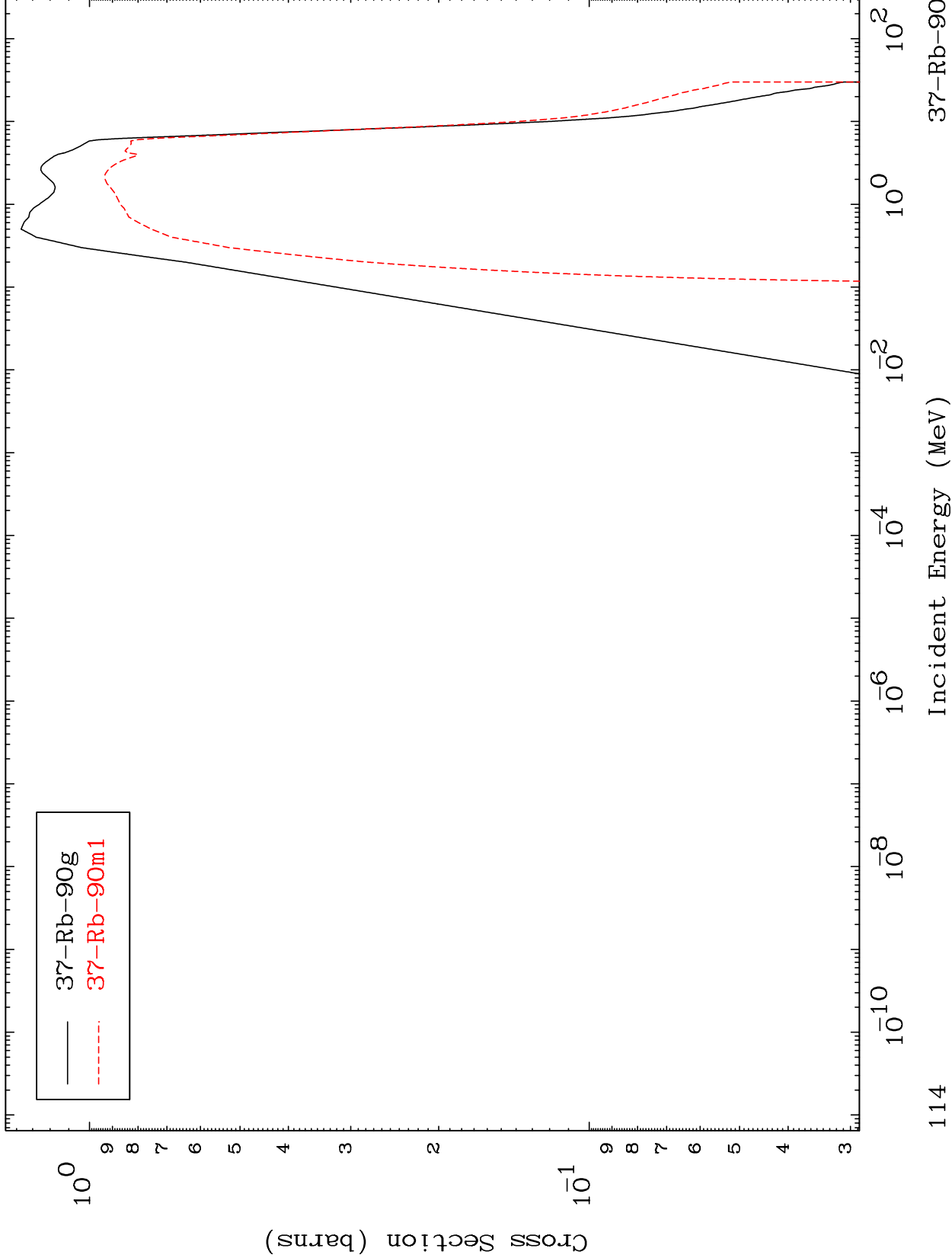
37-Rb-90



MAT 3740

Inelastic
Radionuclide Production Cross Section

³⁷Rb-90

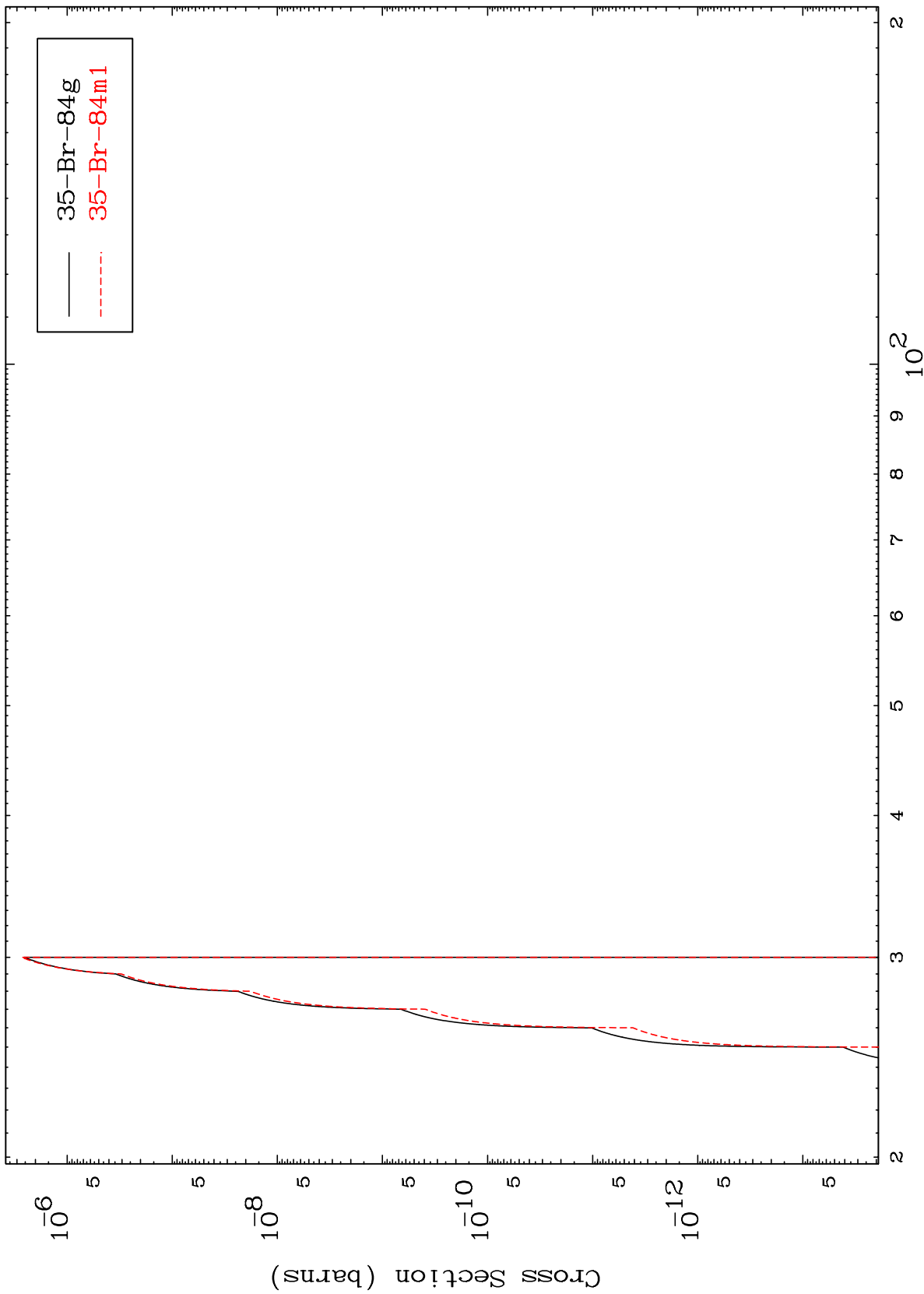


MAT 3740

(n,3n) α

37-Rb-90

Radionuclide Production Cross Section



115

Incident Energy (MeV)

37-Rb-90