

Program EVALPLOT
(Version 2017-1)

by

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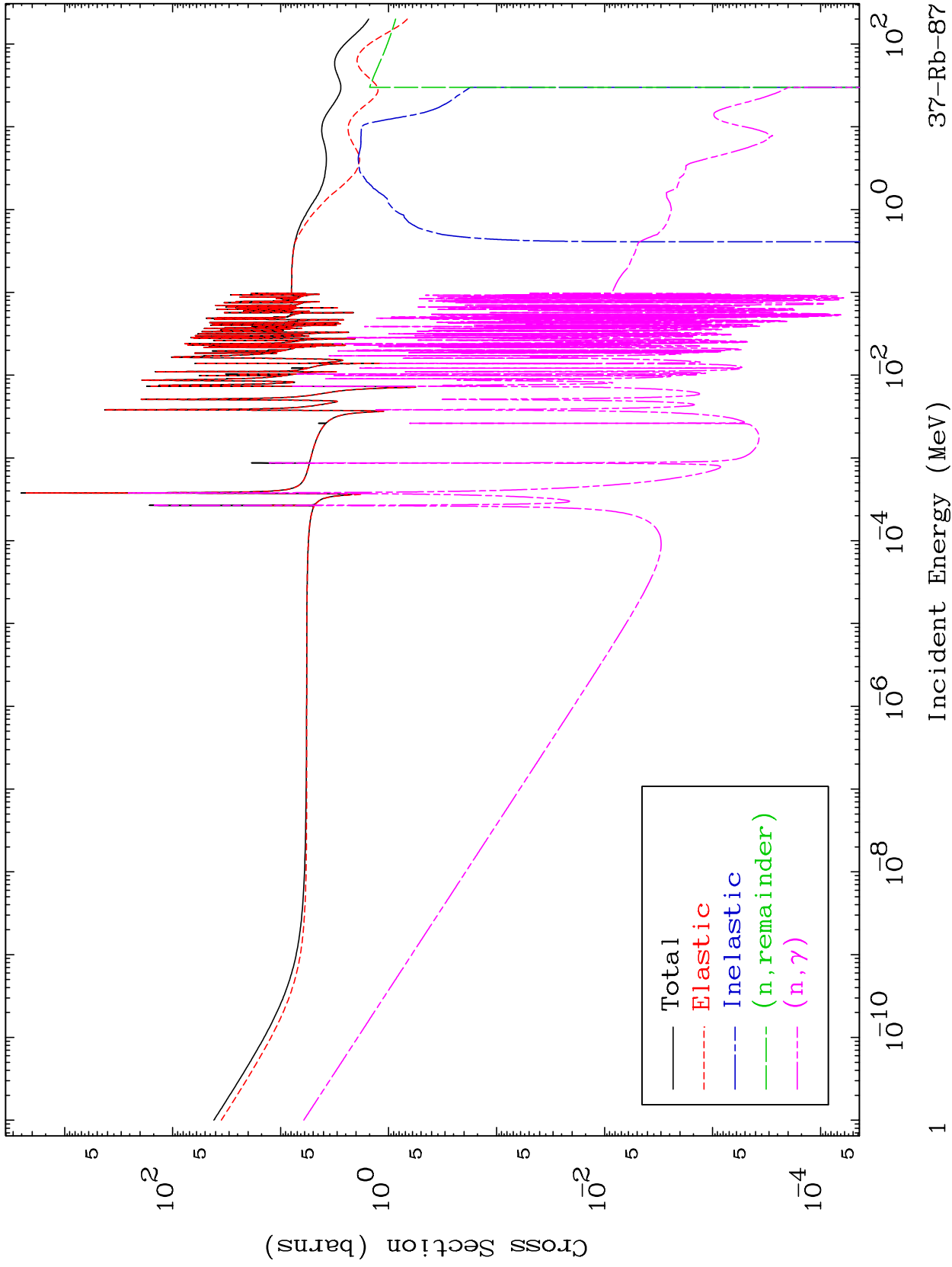
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Press Mouse Button to Start

MAT 3731

Major
293 Kelvin Cross Sections

37-Rb-87



1

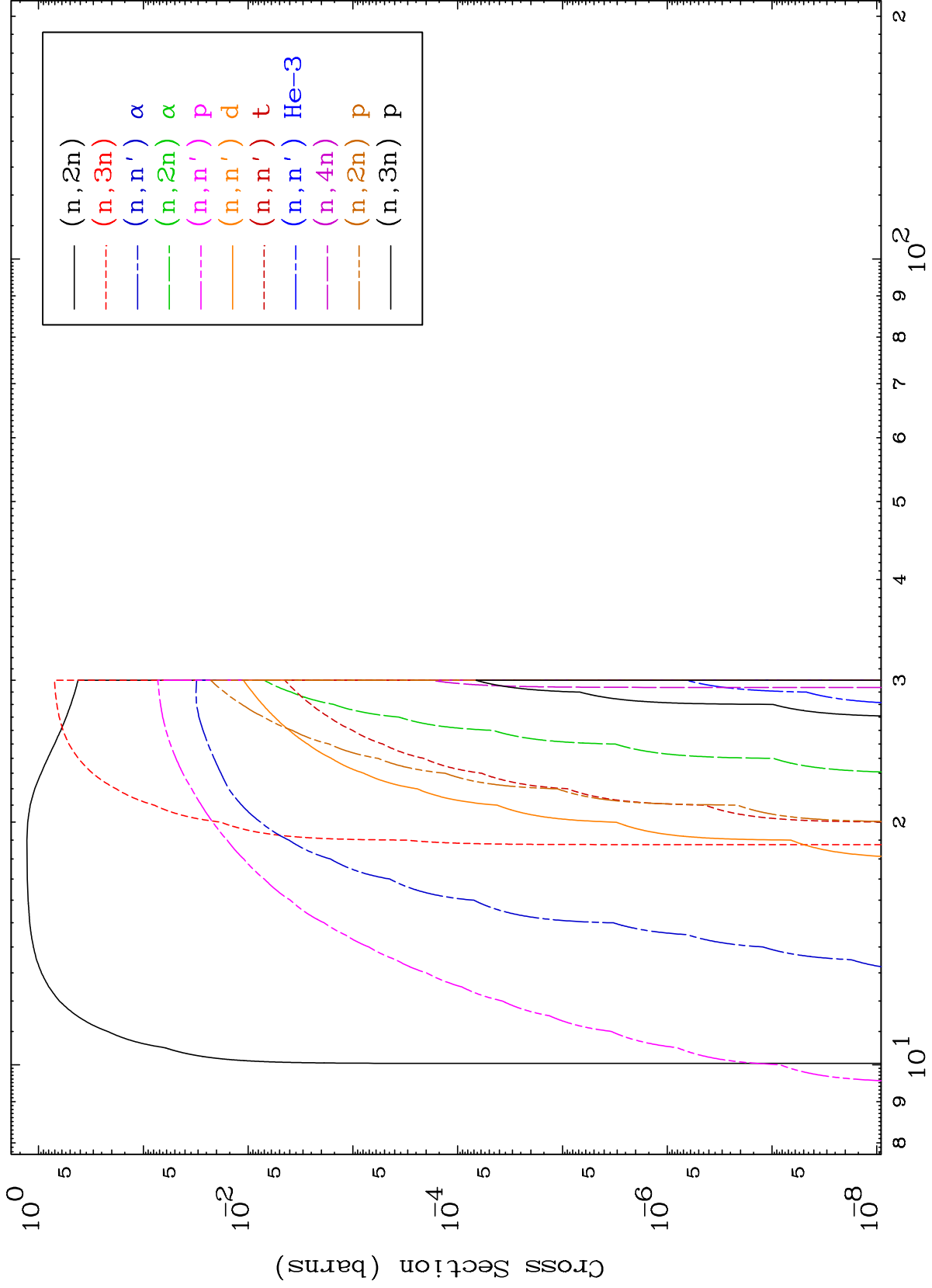
Incident Energy (MeV)

37-Rb-87

MAT 3731

Neutron Production
293 Kelvin Cross Sections

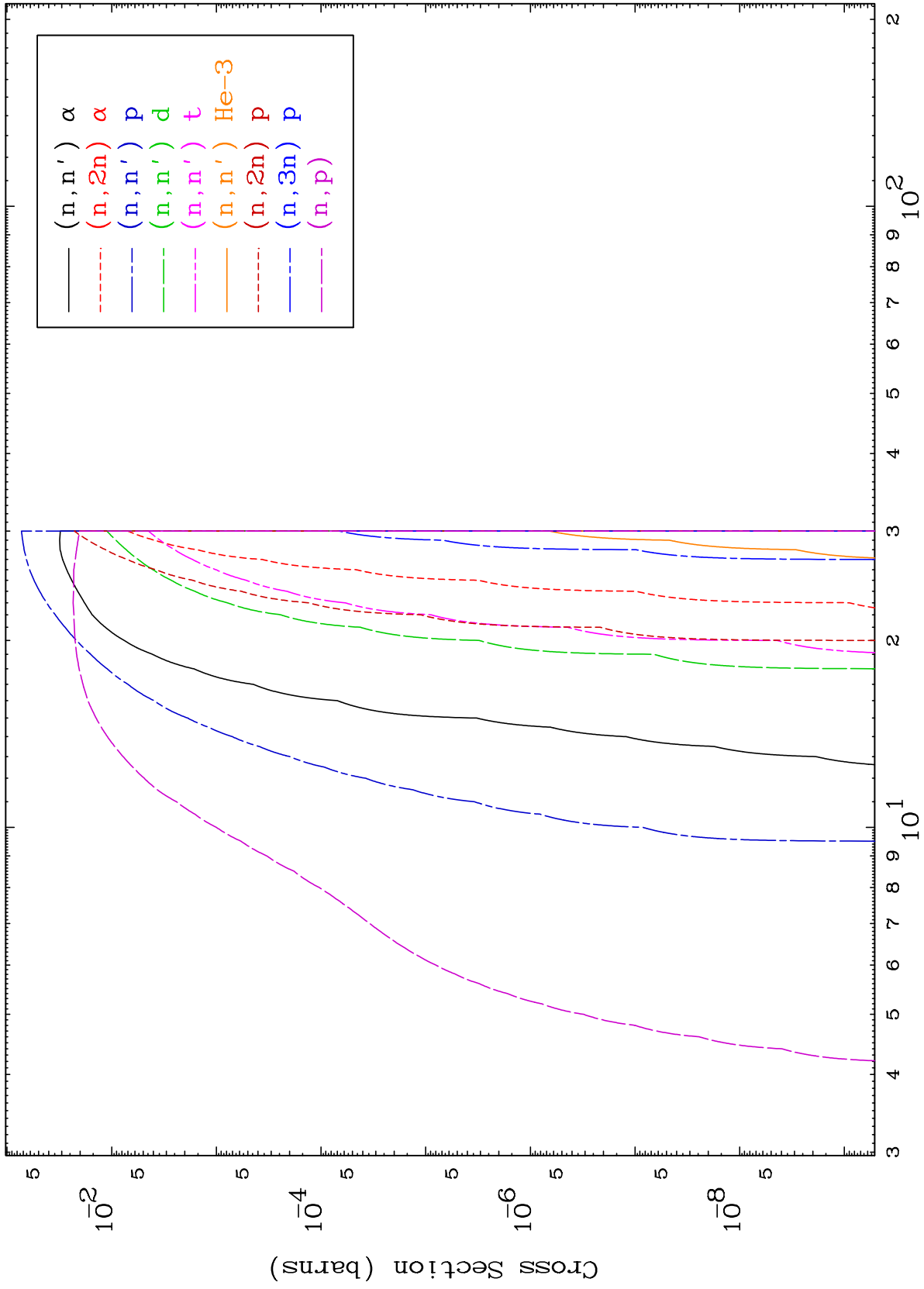
37-Rb-87

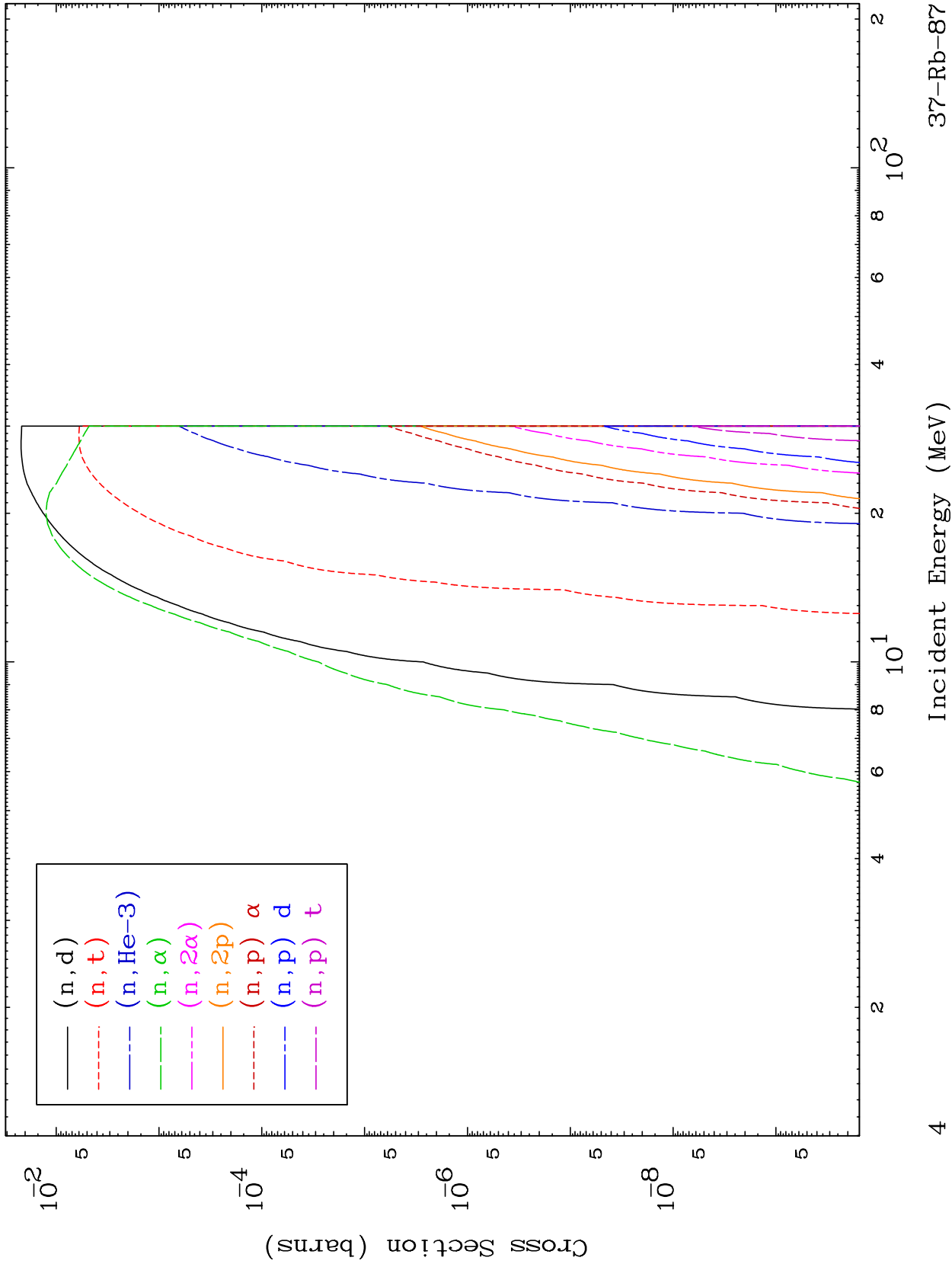


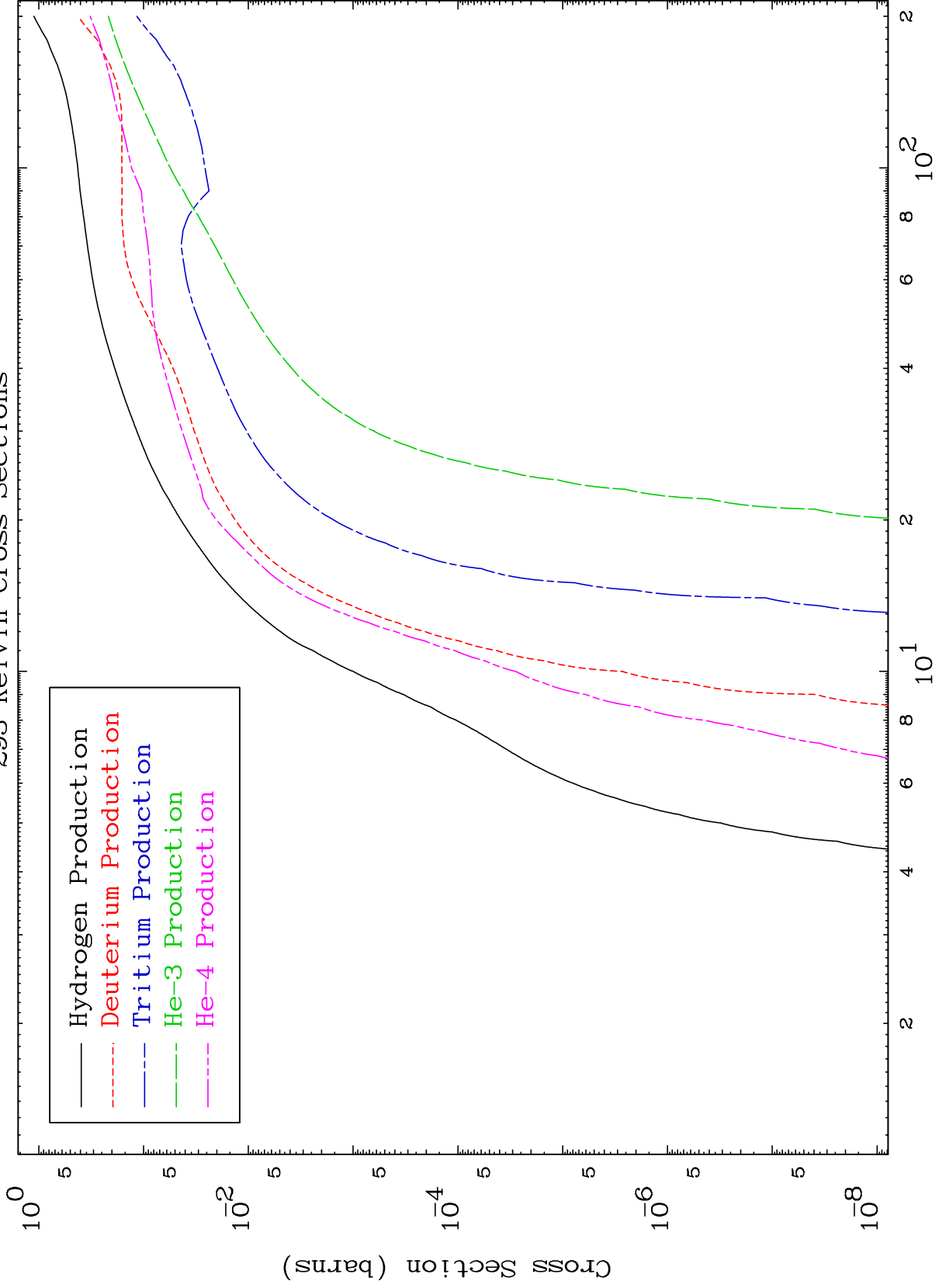
2

Incident Energy (MeV)

37-Rb-87





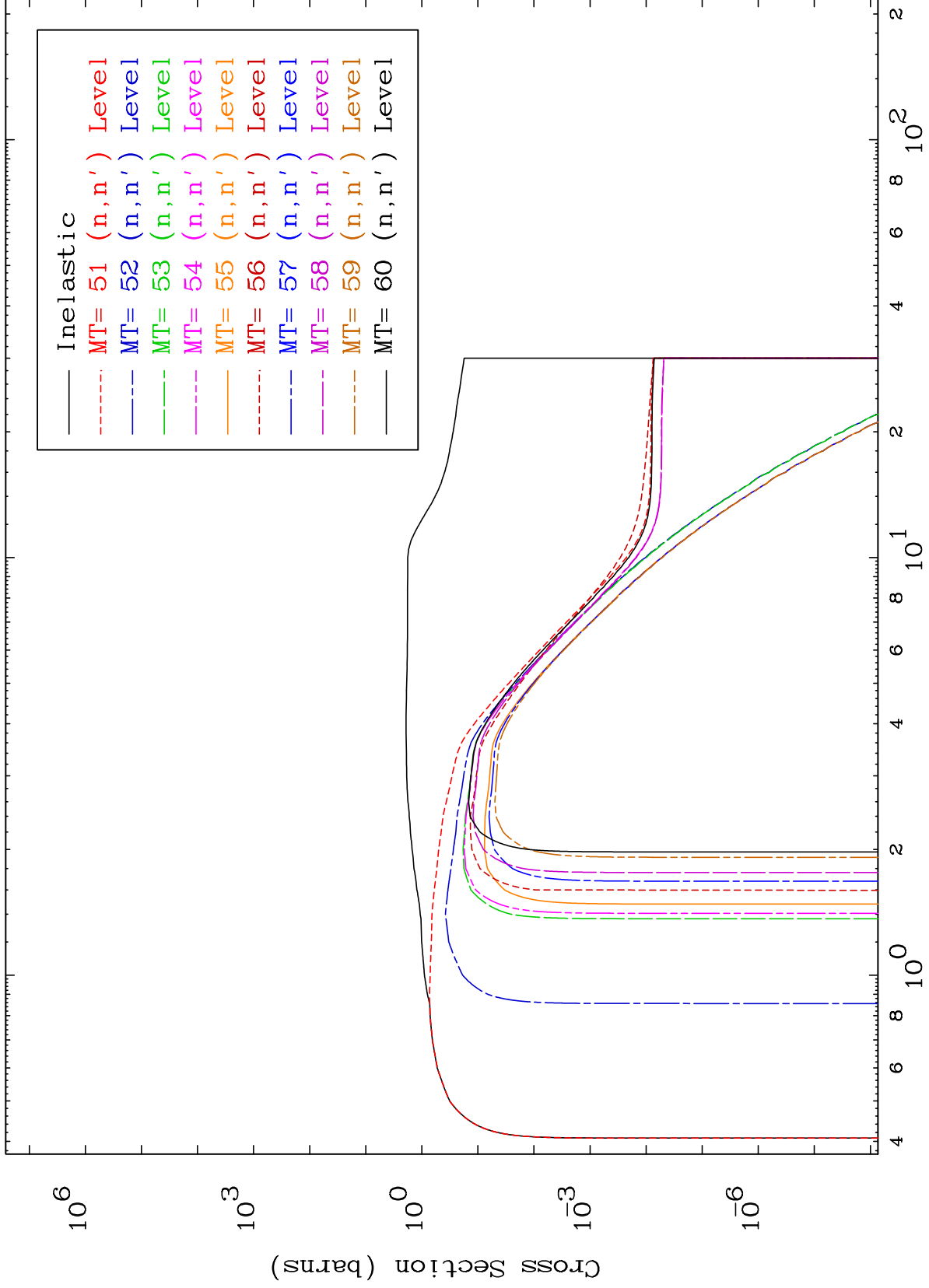


MAT 3731

(n,n') Level

37-Rb-87

293 Kelvin Cross Sections



6

Incident Energy (MeV)

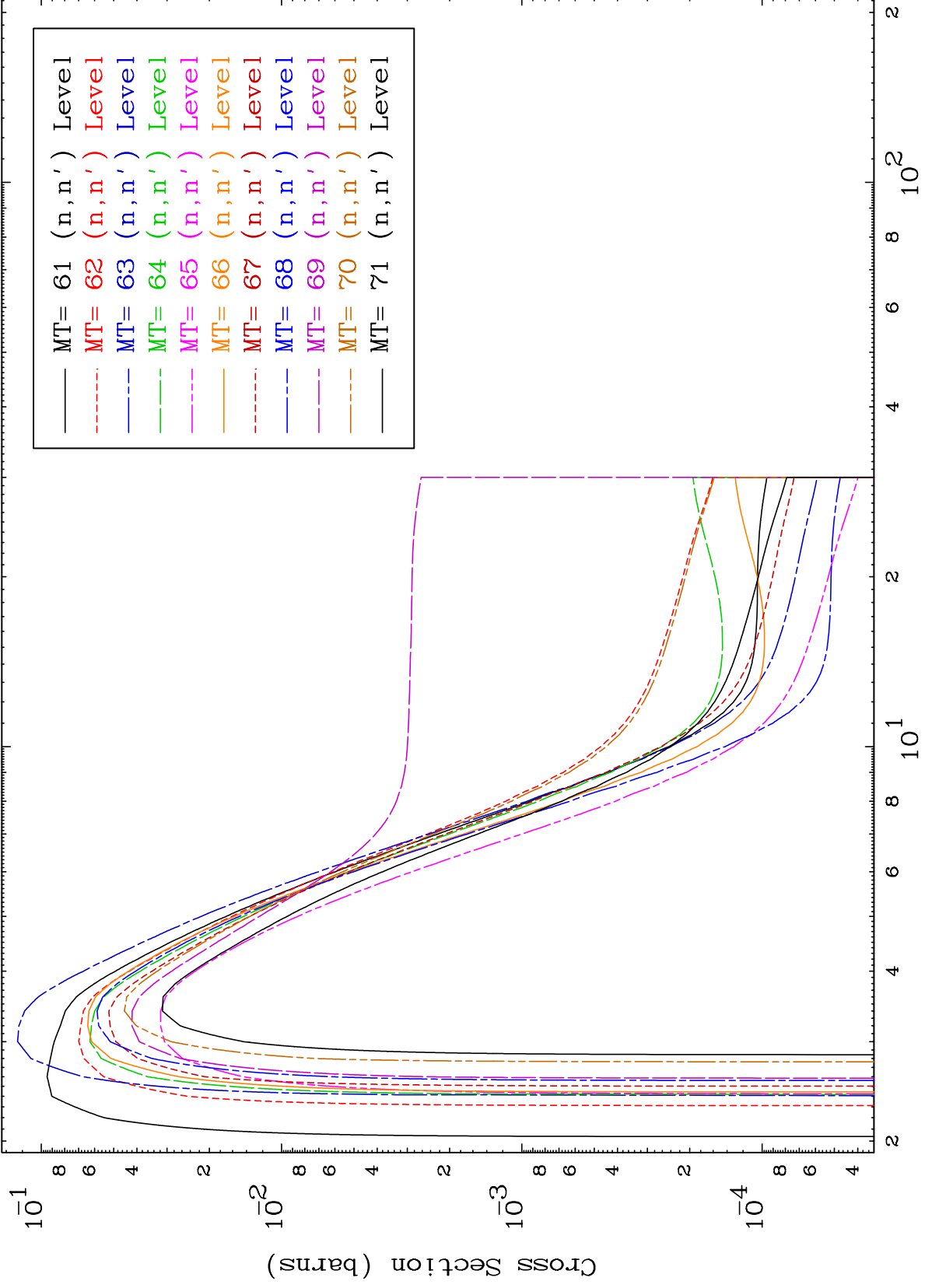
37-Rb-87

MAT 3731

(n,n') Level

37-Rb-87

293 Kelvin Cross Sections

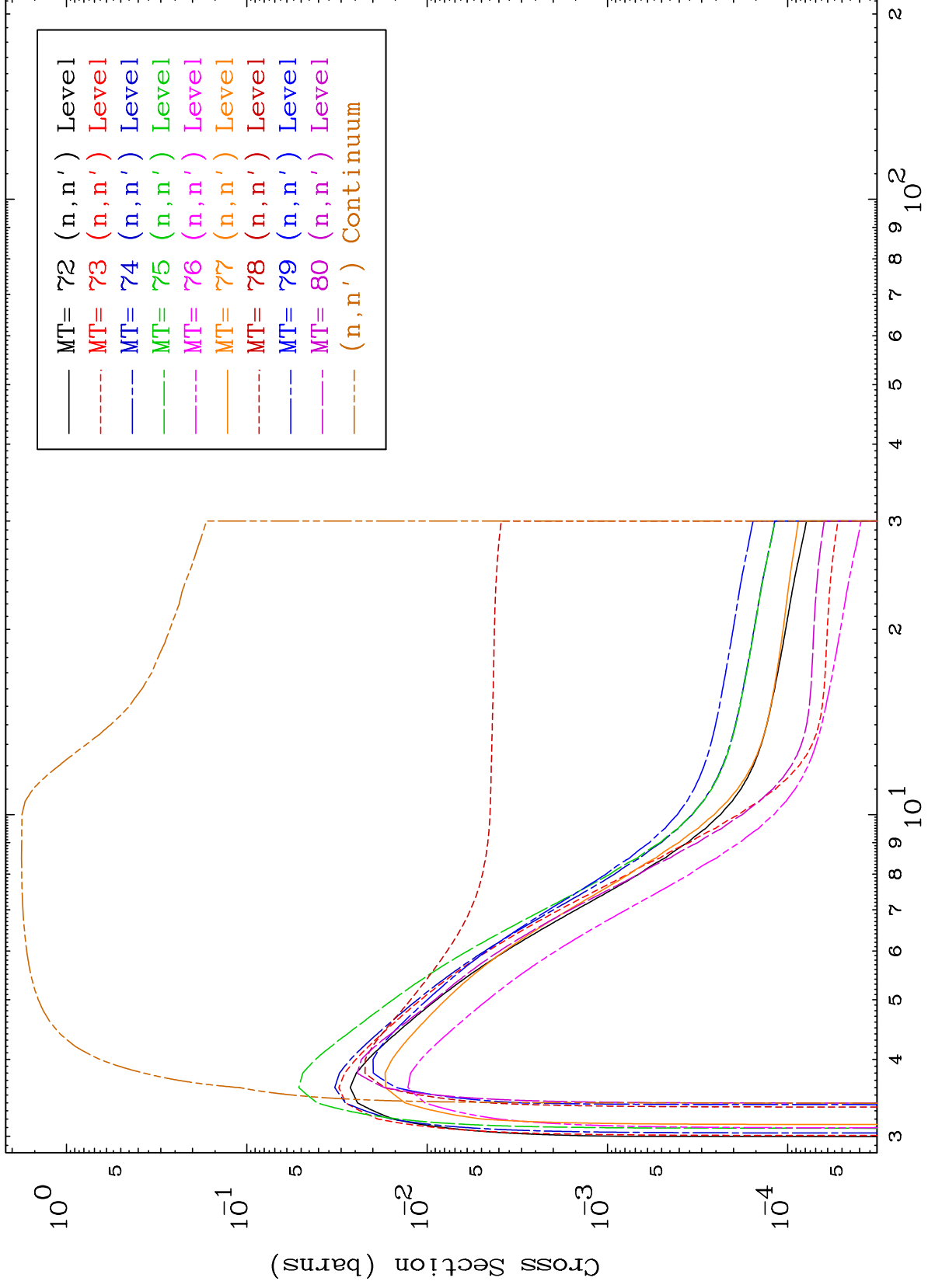


7

Incident Energy (MeV)

37-Rb-87

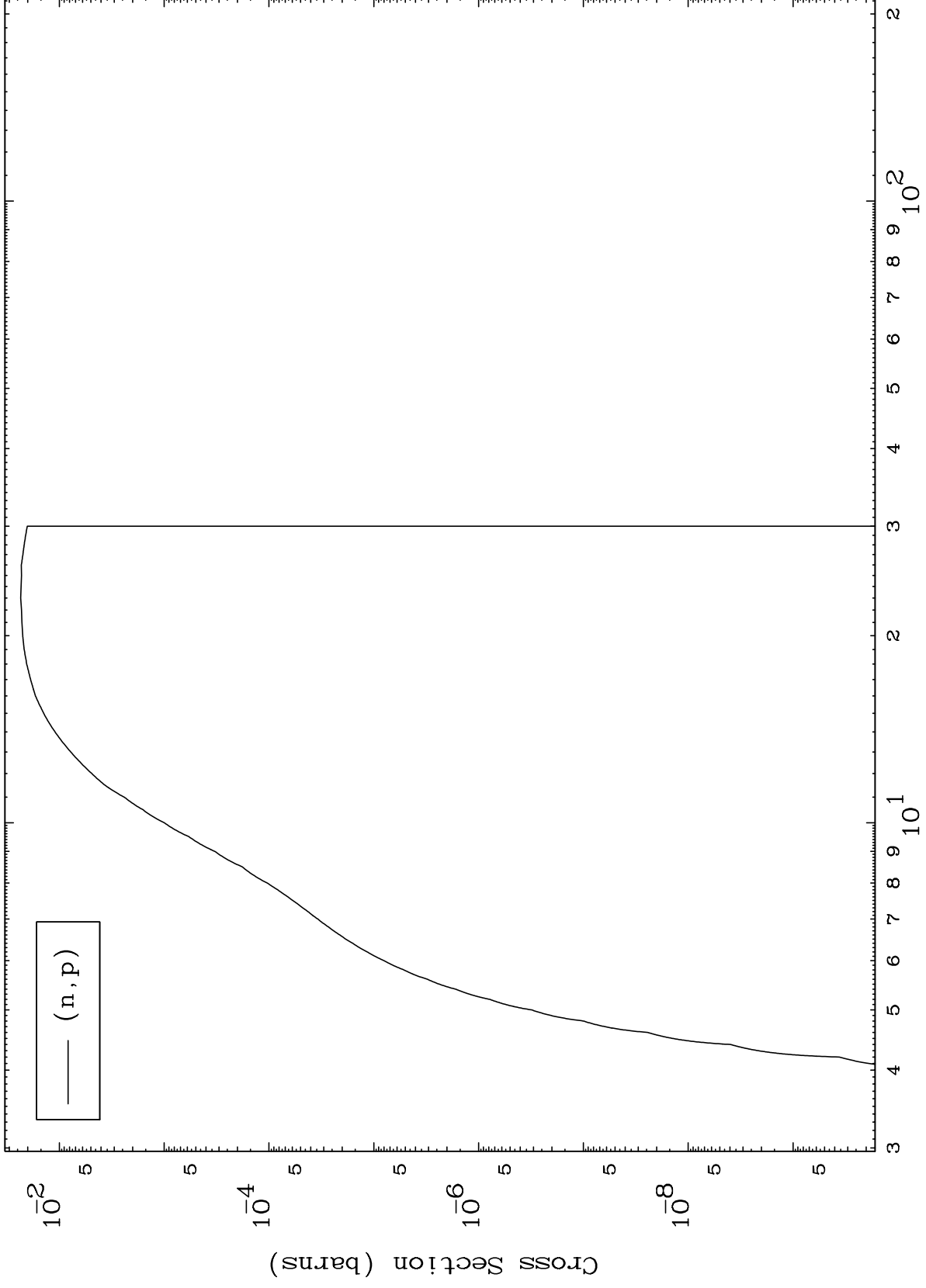
293 Kelvin Cross Sections



MAT 3731

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-87



9

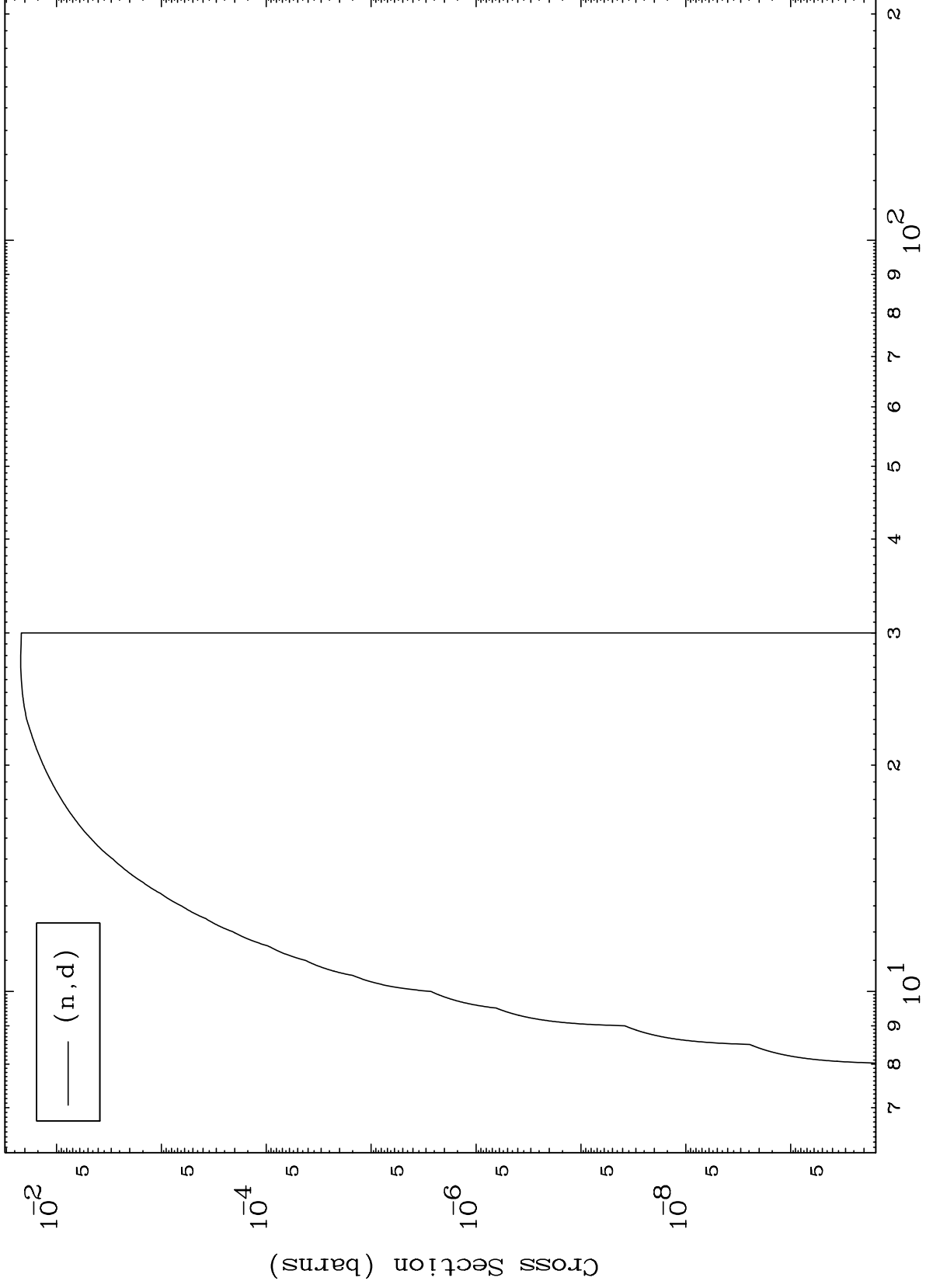
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-87



10

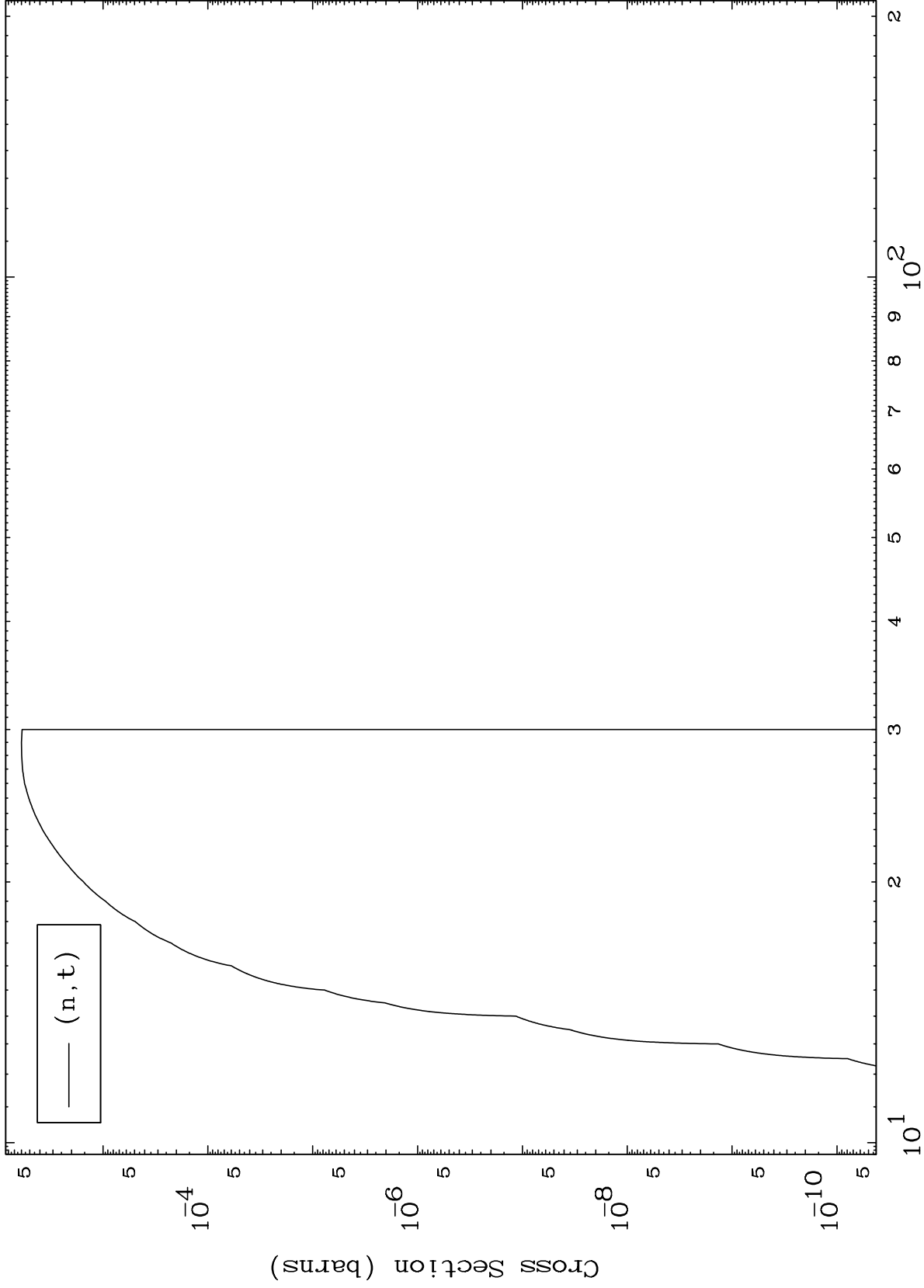
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-87



Incident Energy (MeV)

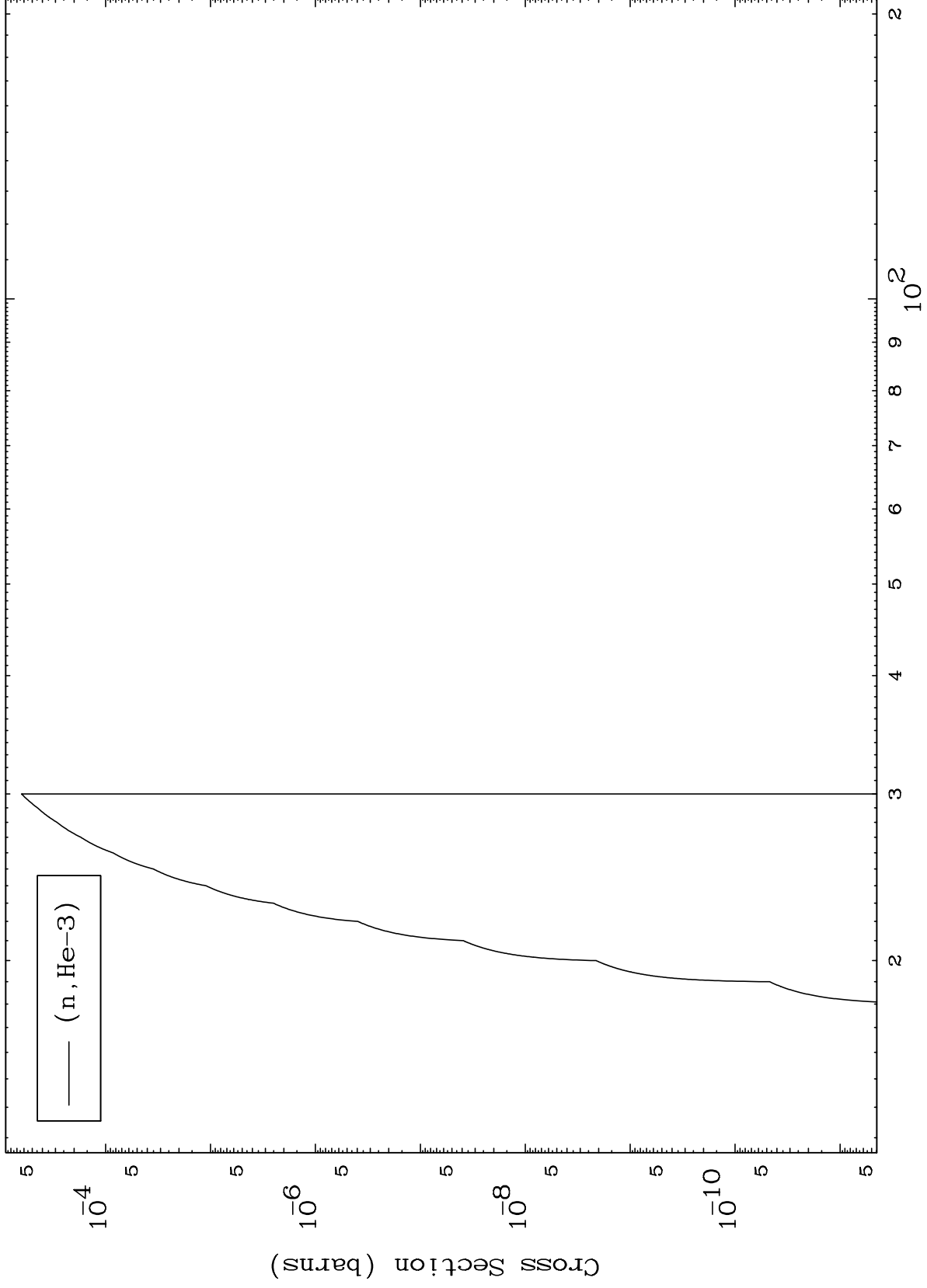
37-Rb-87

11

MAT 3731

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-87



12

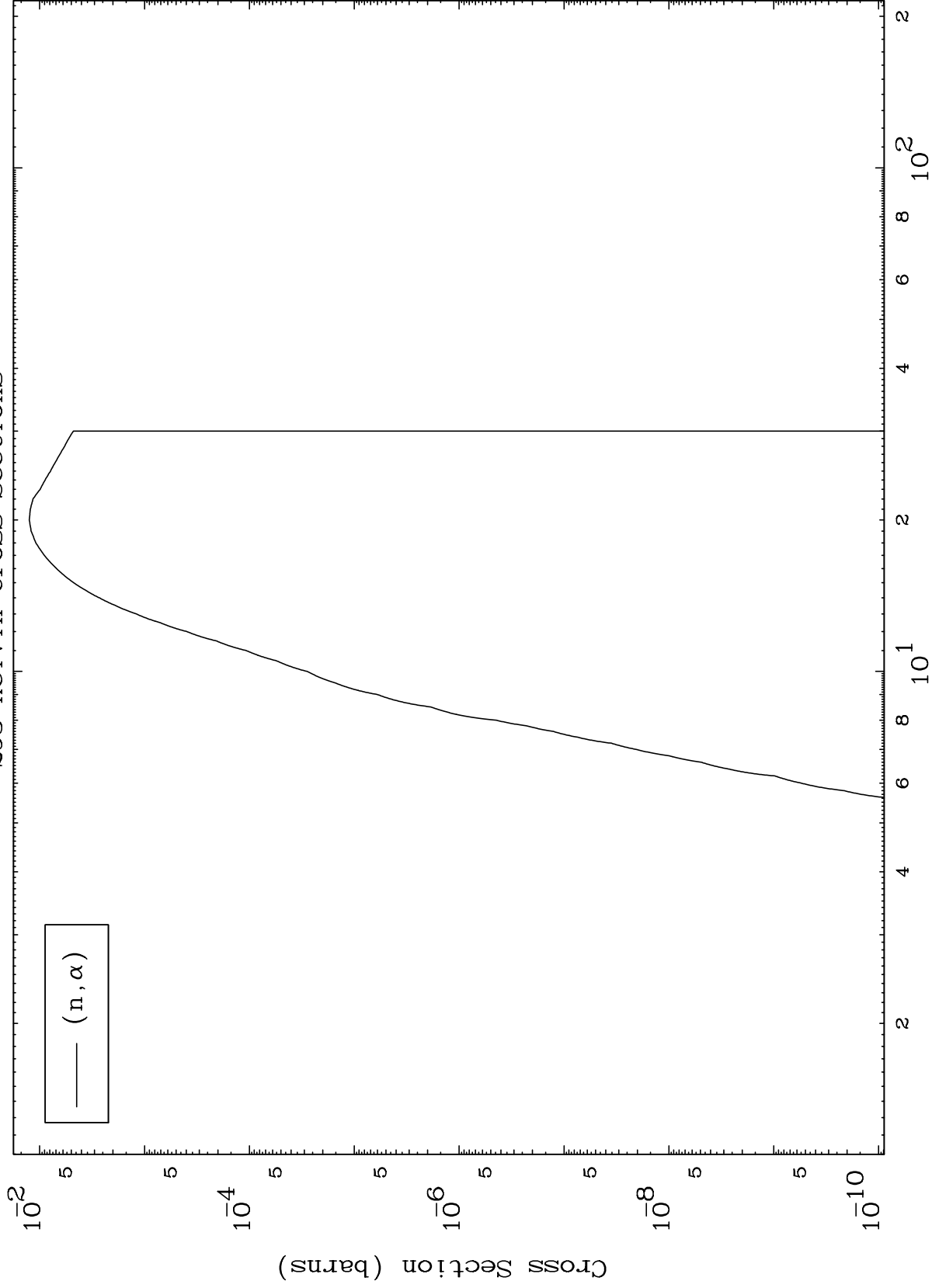
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n, α) Levels
293 Kelvin Cross Sections

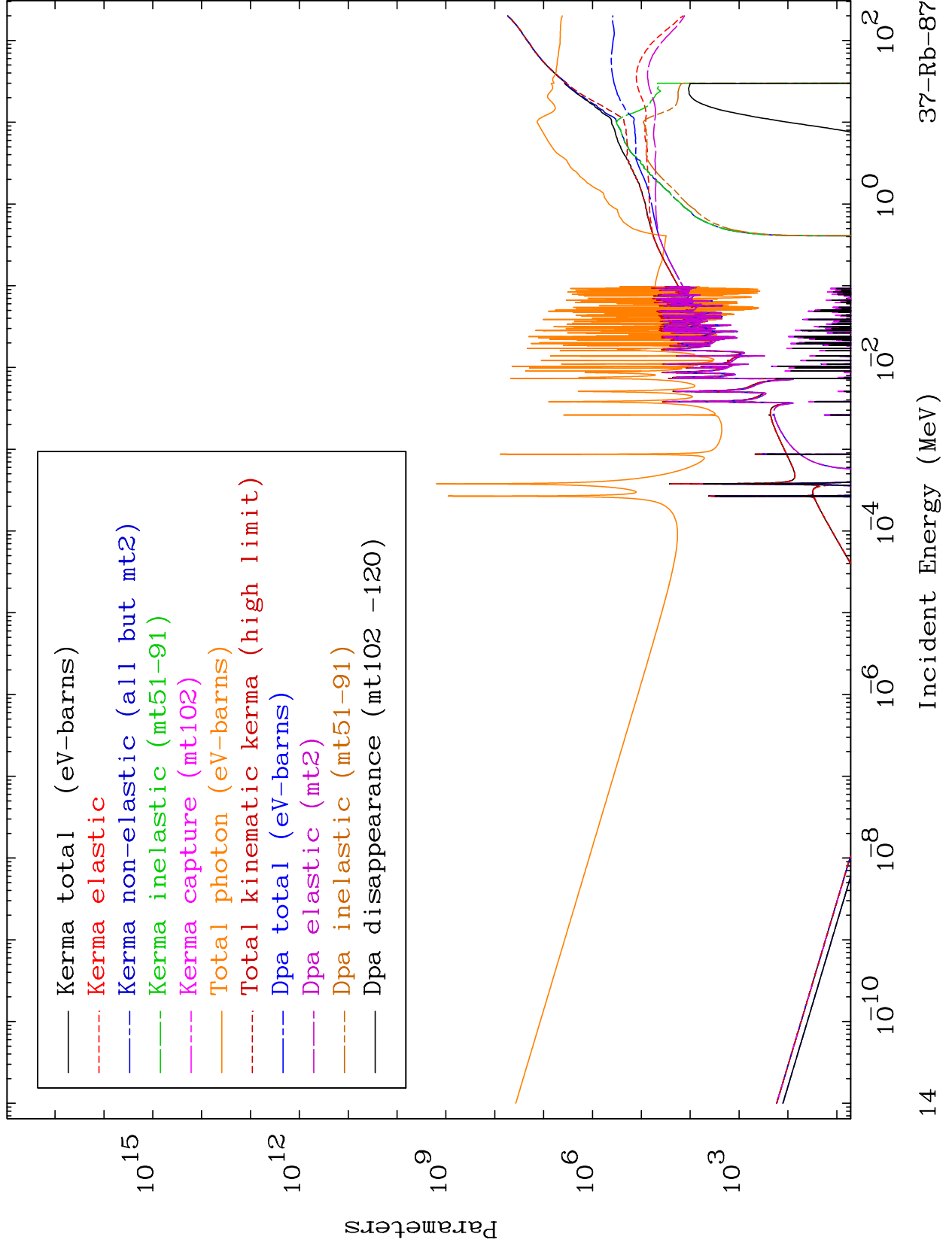
37-Rb-87



13

Incident Energy (MeV)

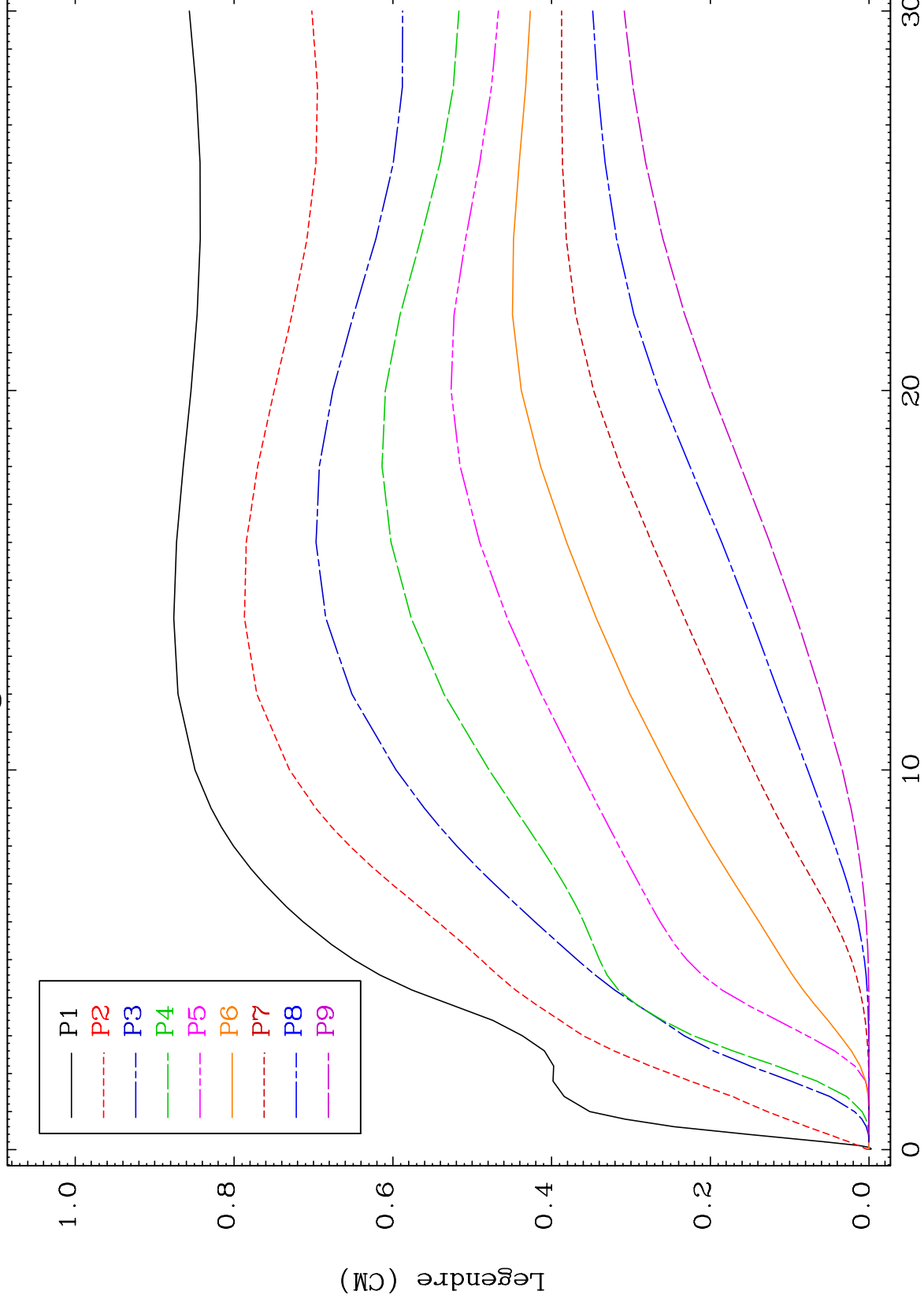
37-Rb-87



MAT 3731

Elastic Legendre Coefficients

³⁷Rb-87



0

15

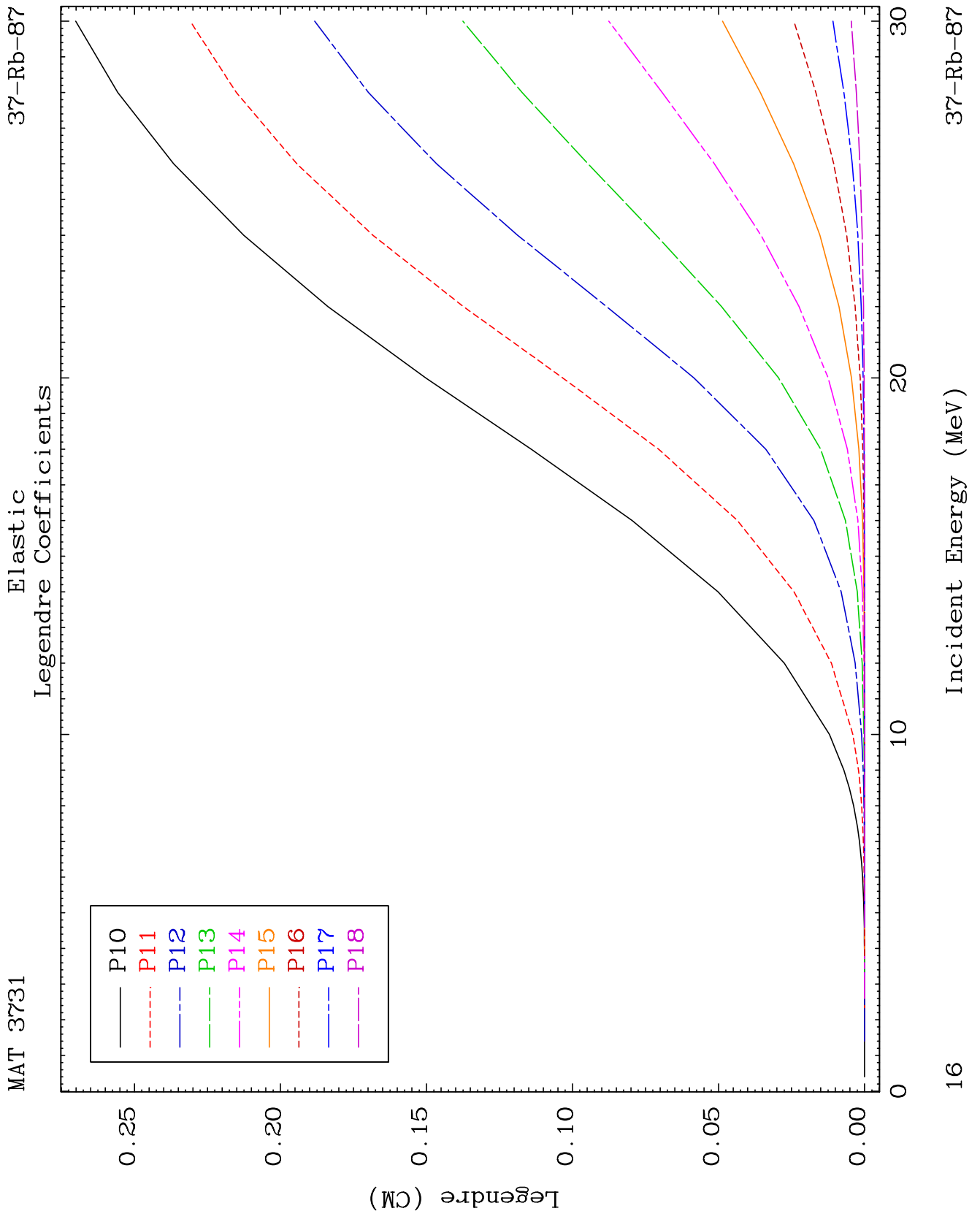
Incident Energy (MeV)

10

20

30

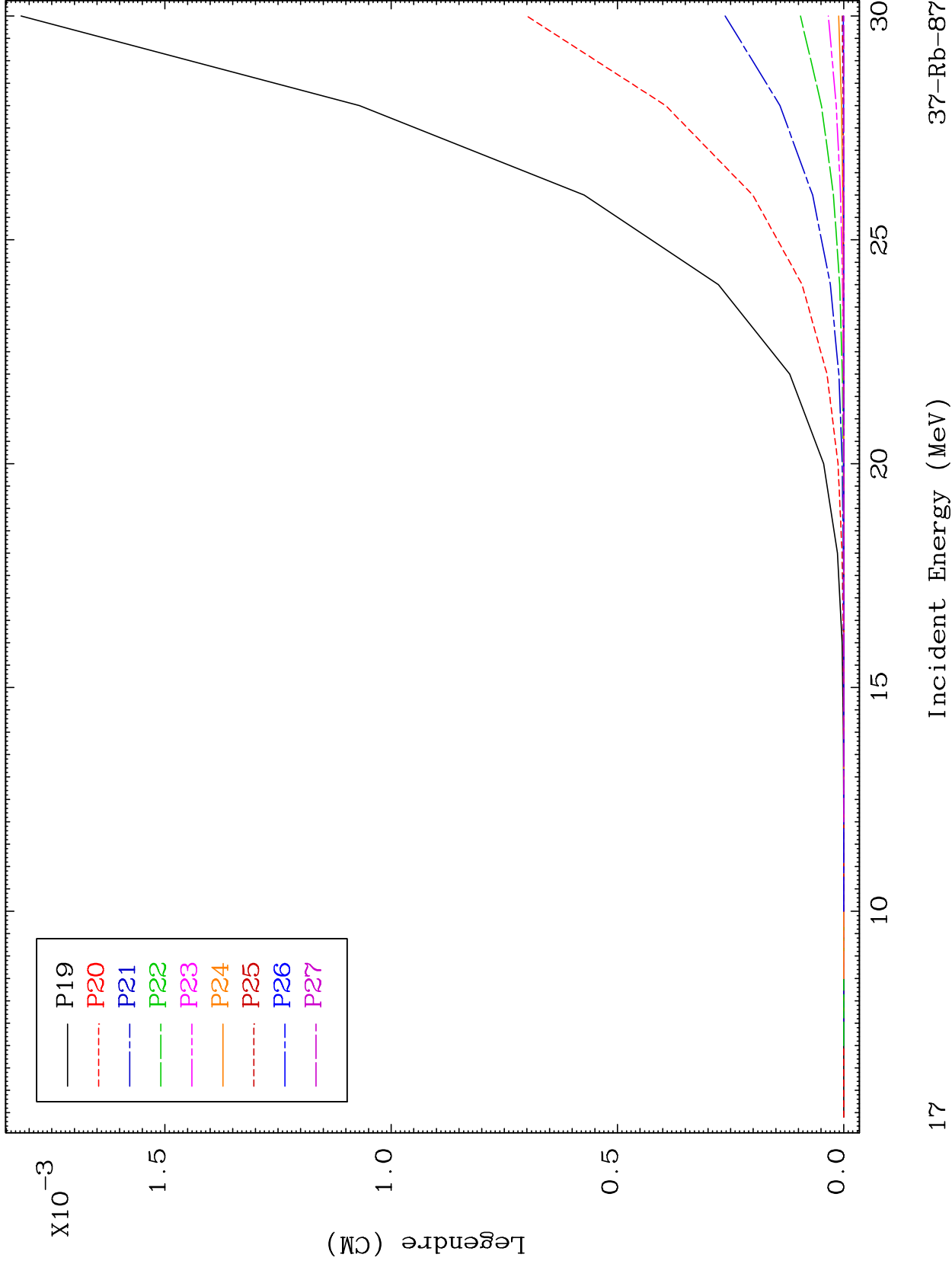
³⁷Rb-87



MAT 3731

Elastic Legendre Coefficients

37-Rb-87



17

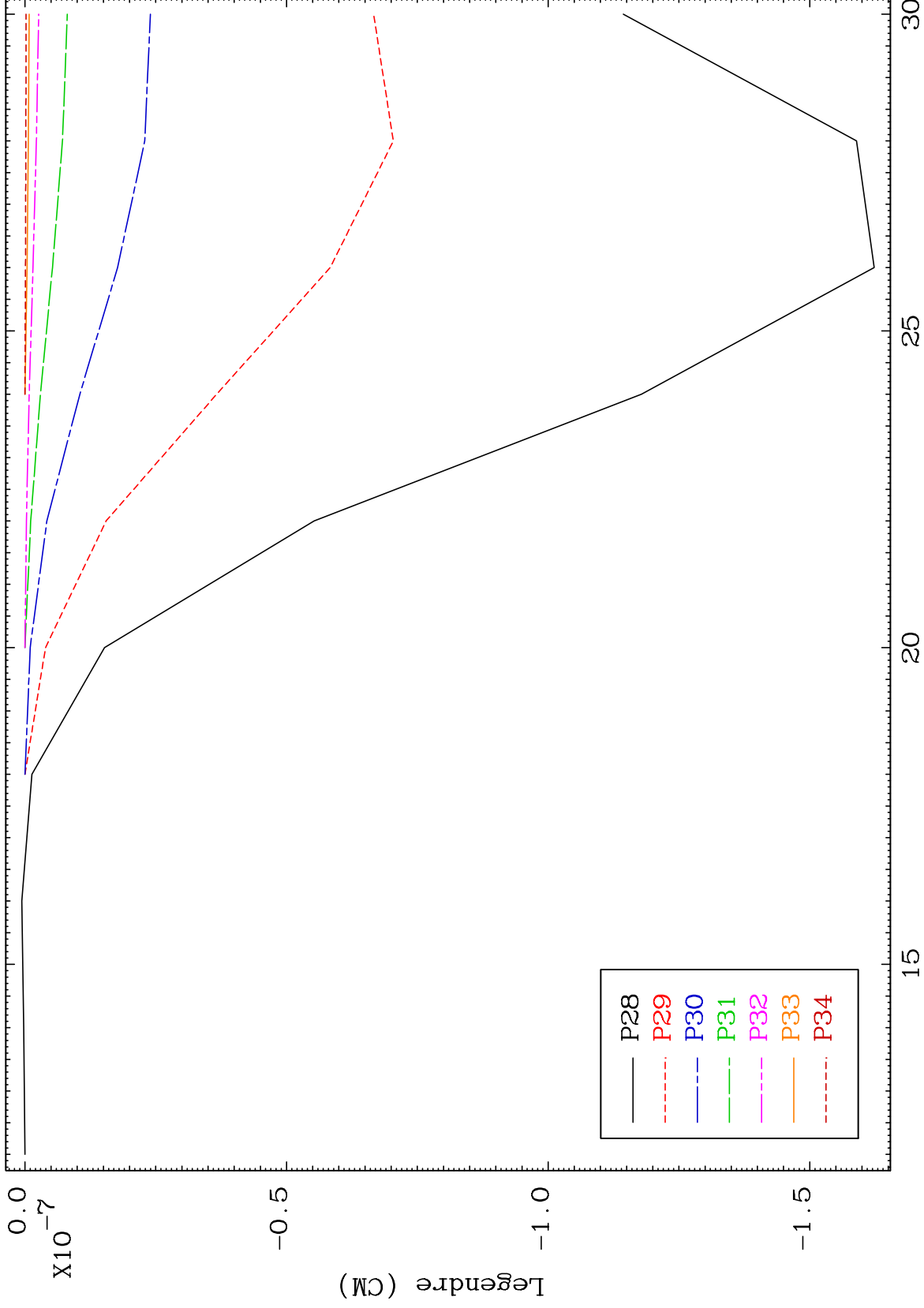
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

Elastic Legendre Coefficients



18

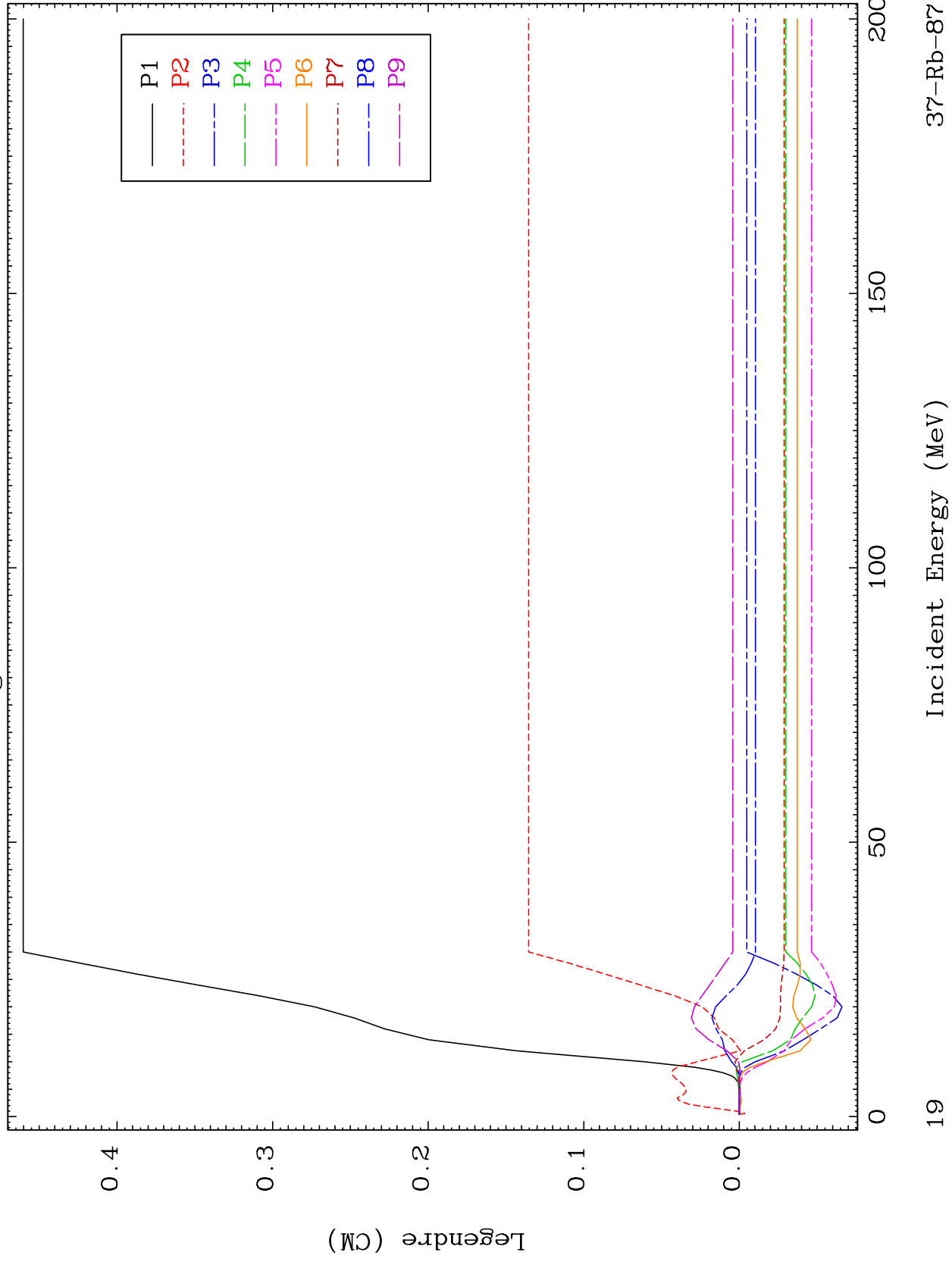
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



19

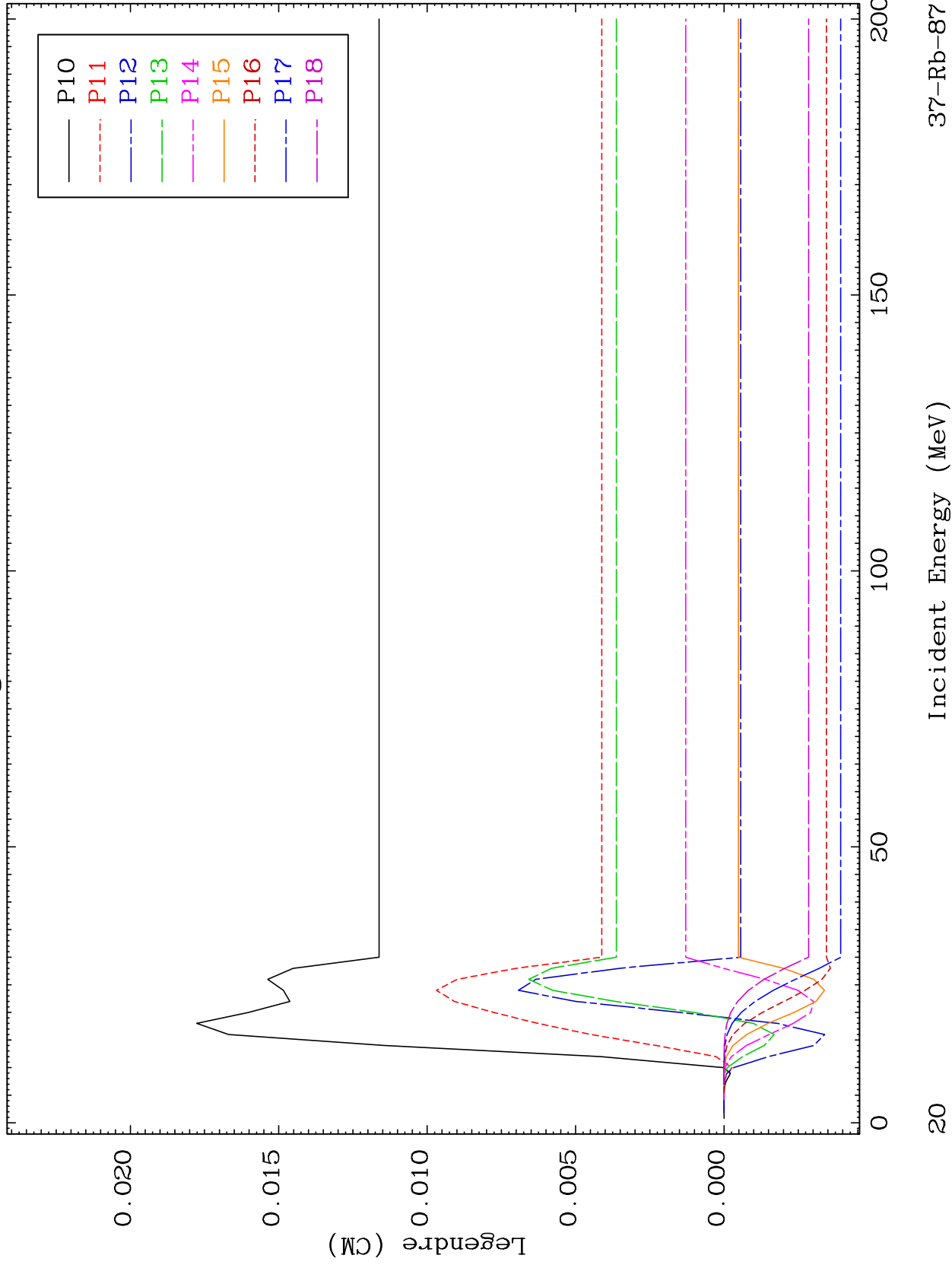
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

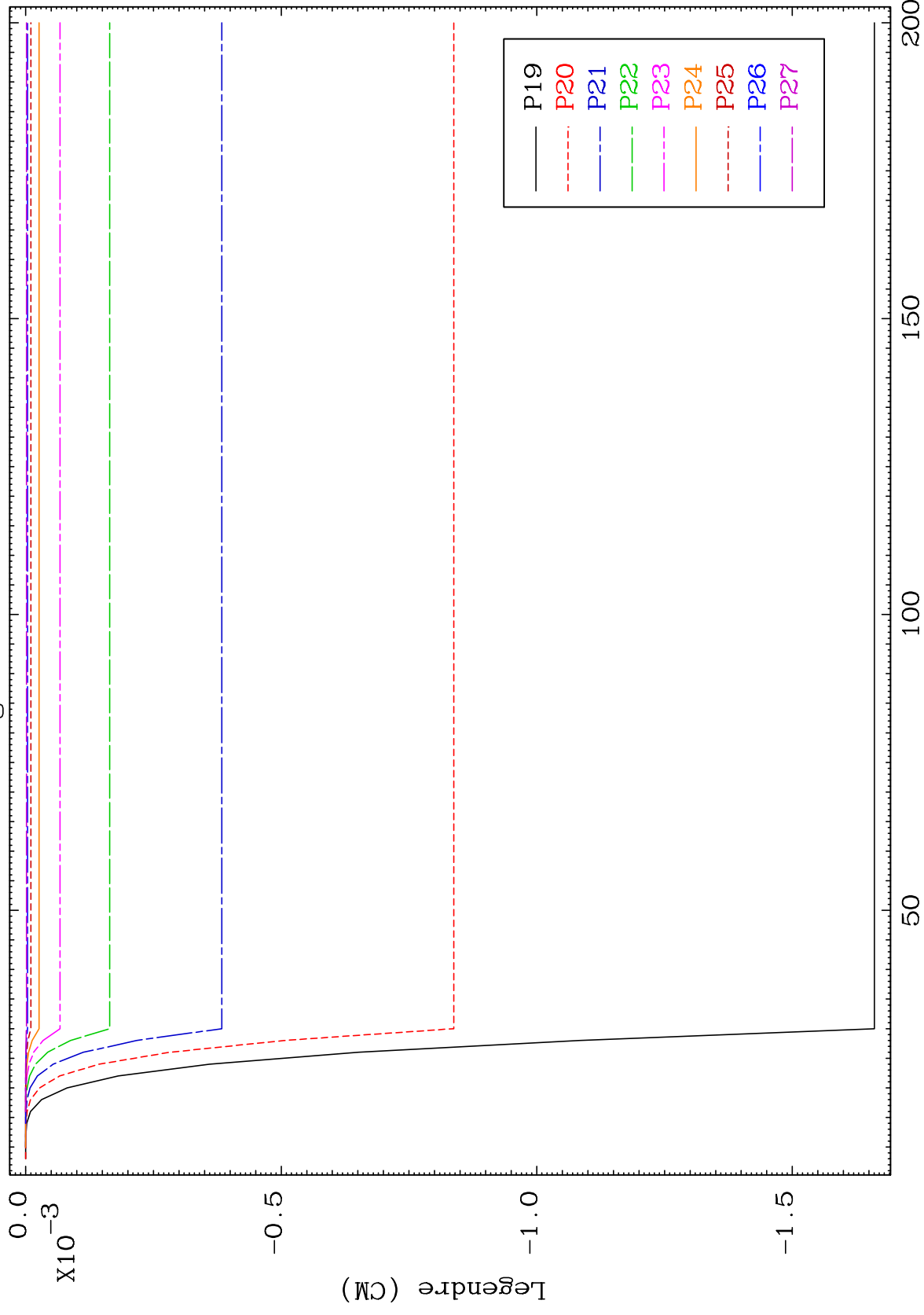
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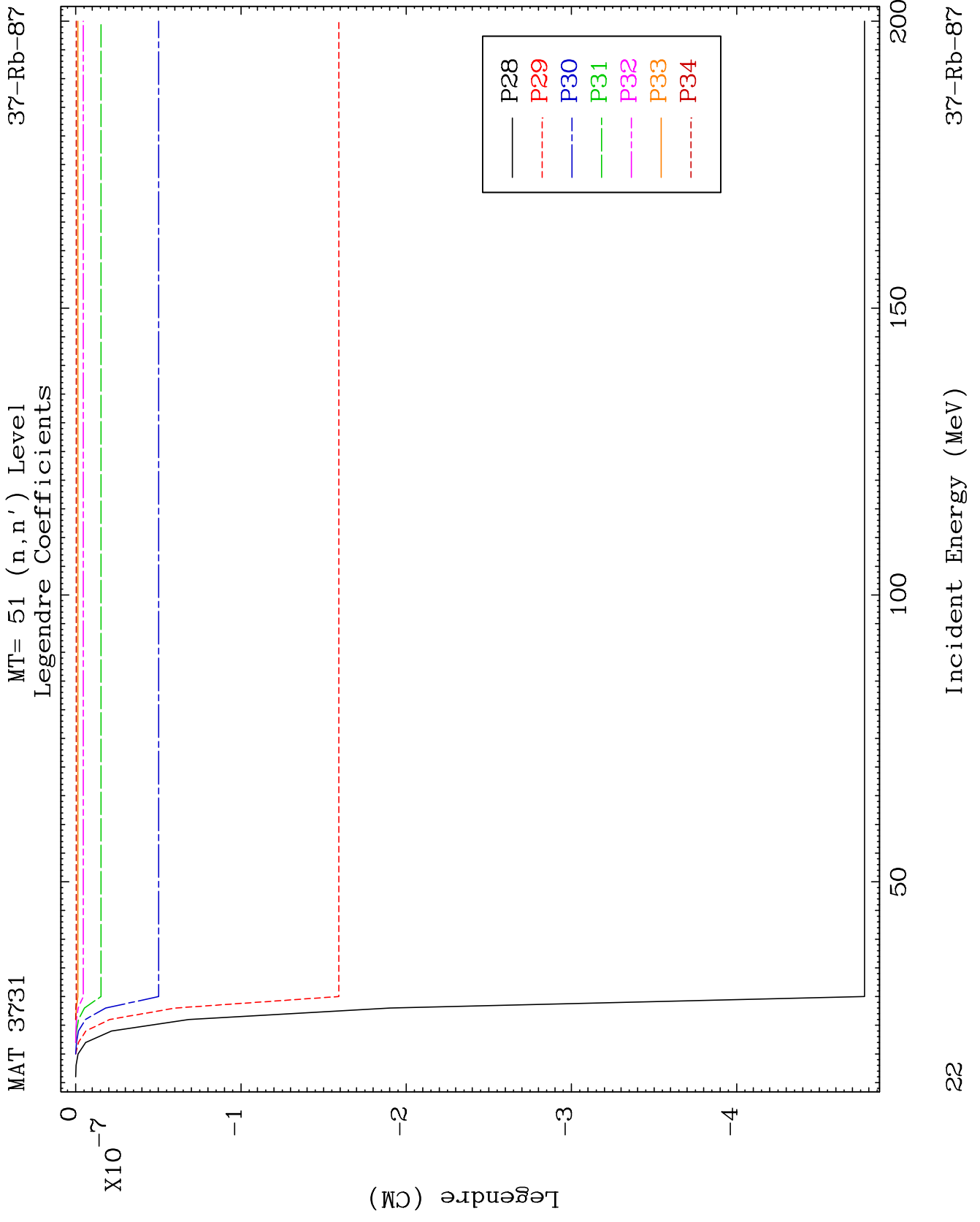


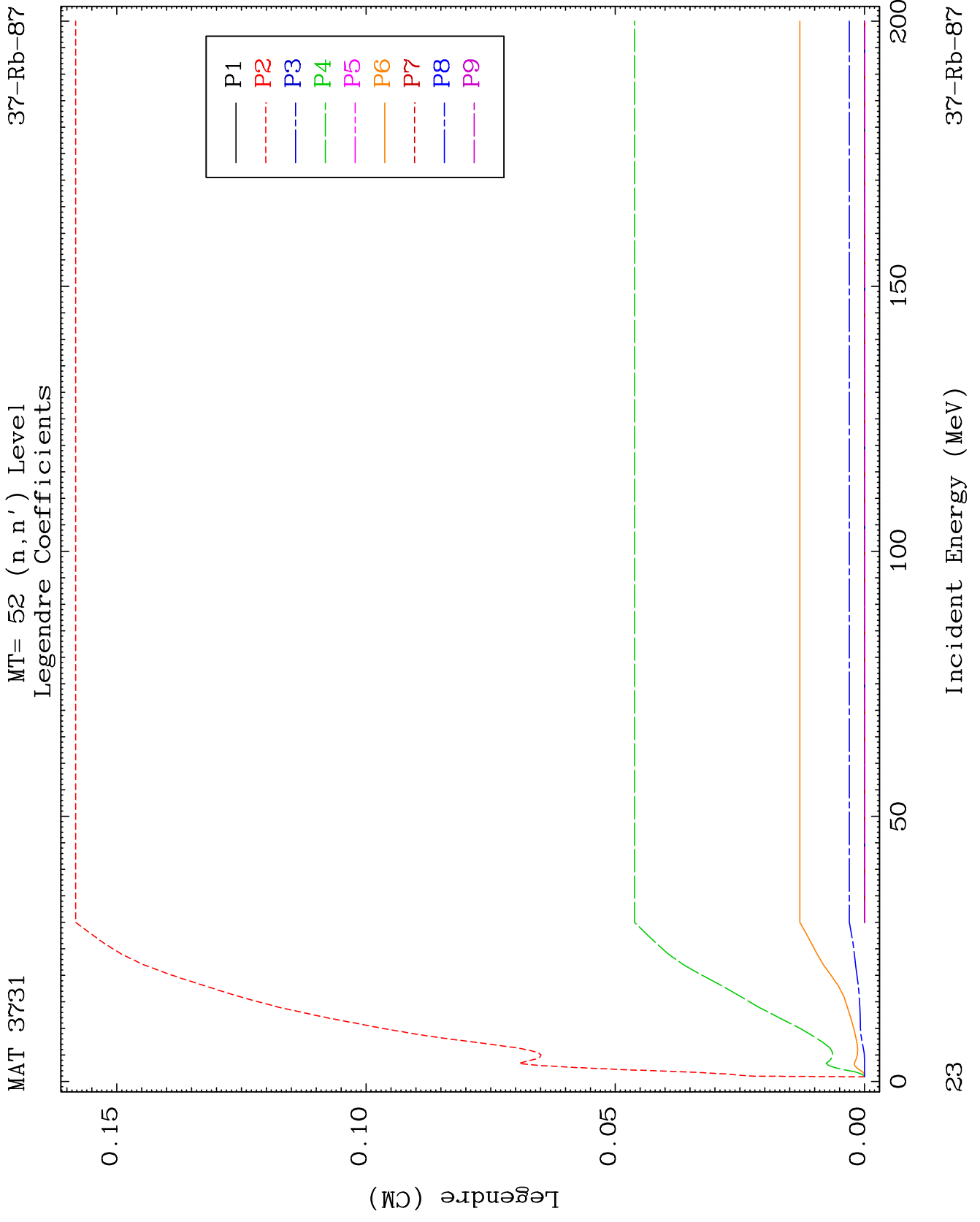
37-Rb-87

Incident Energy (MeV)

20



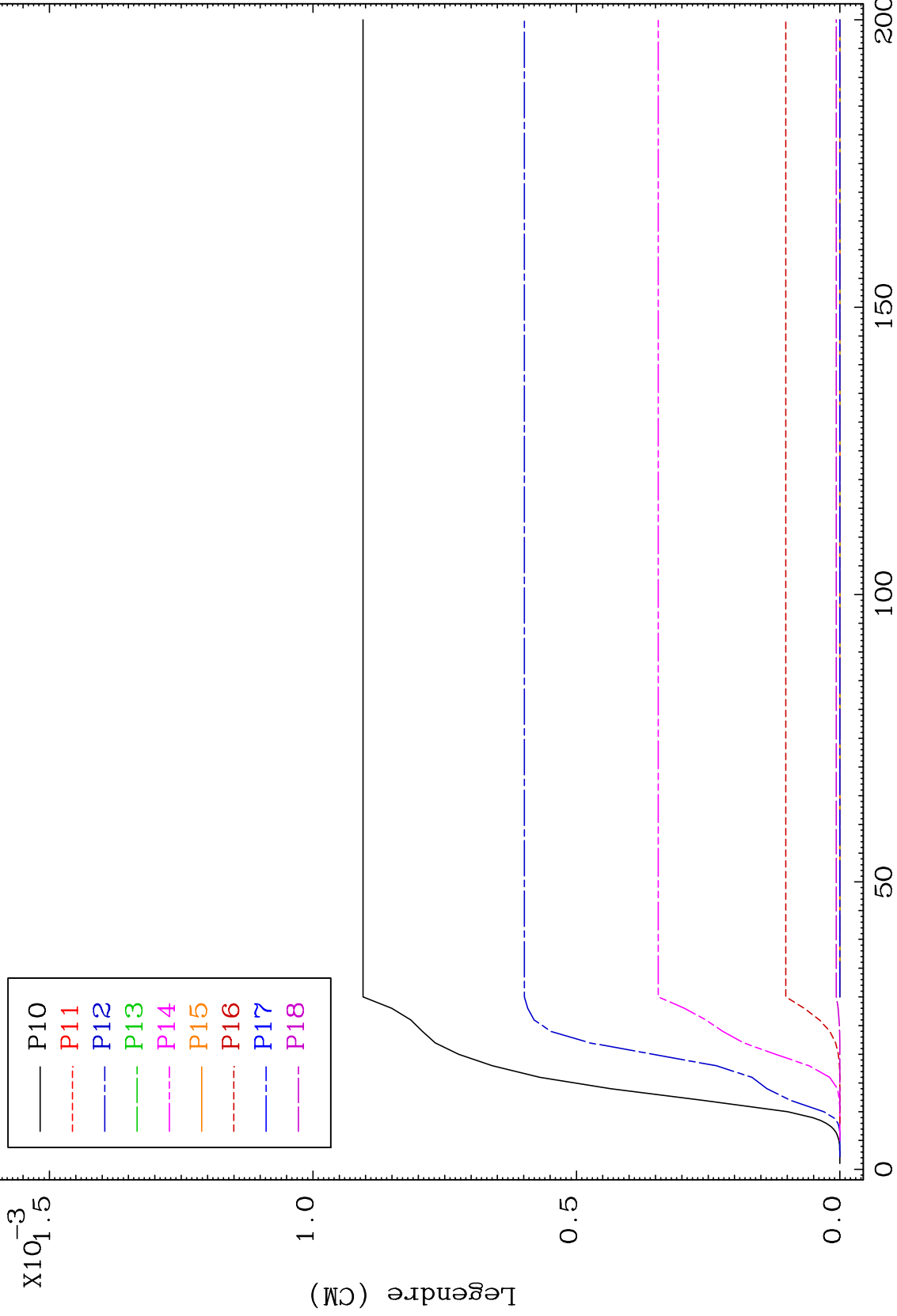
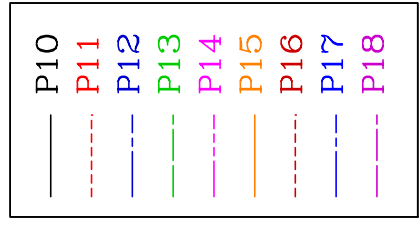




MAT 3731

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

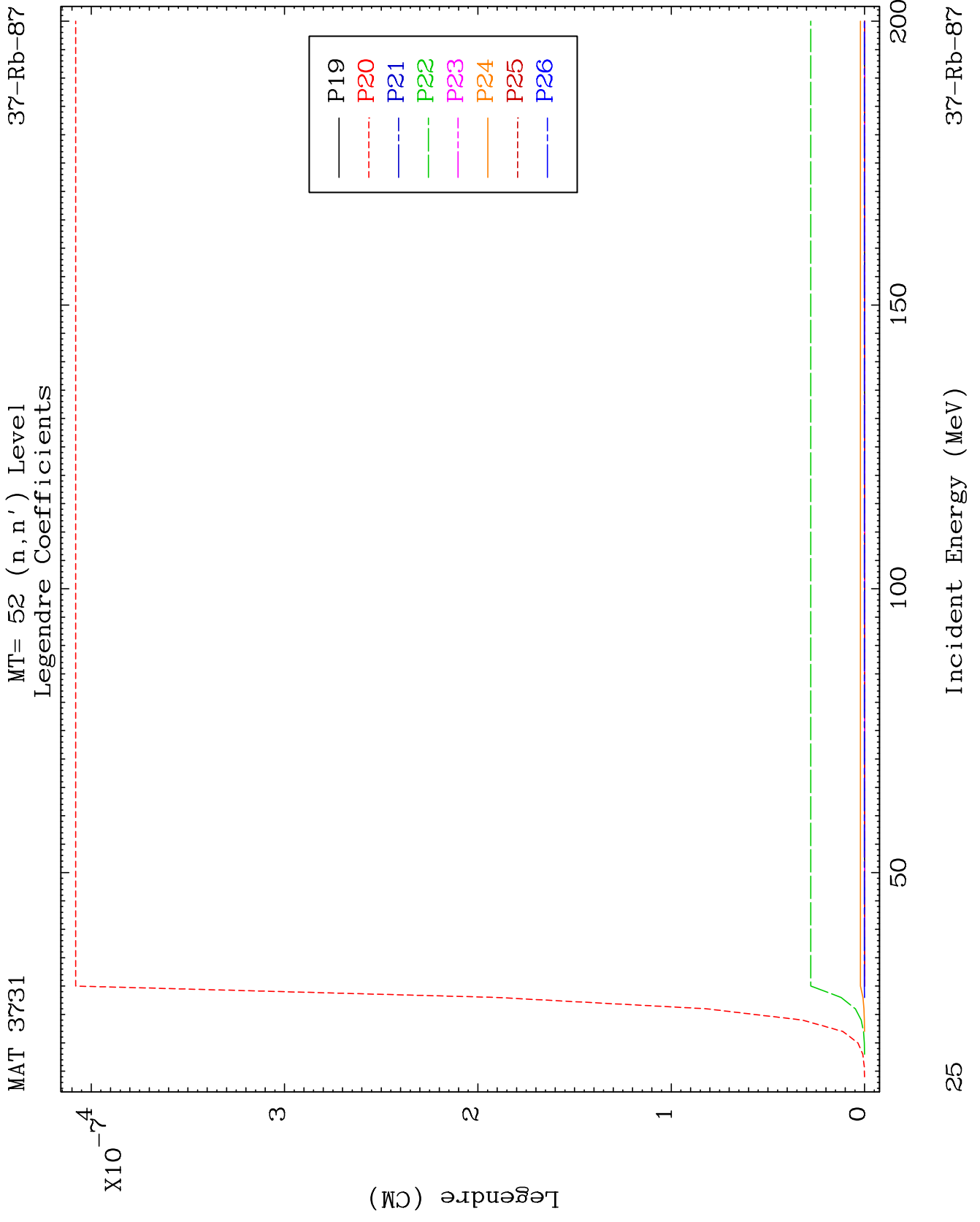
37-Rb-87



24

Incident Energy (MeV)

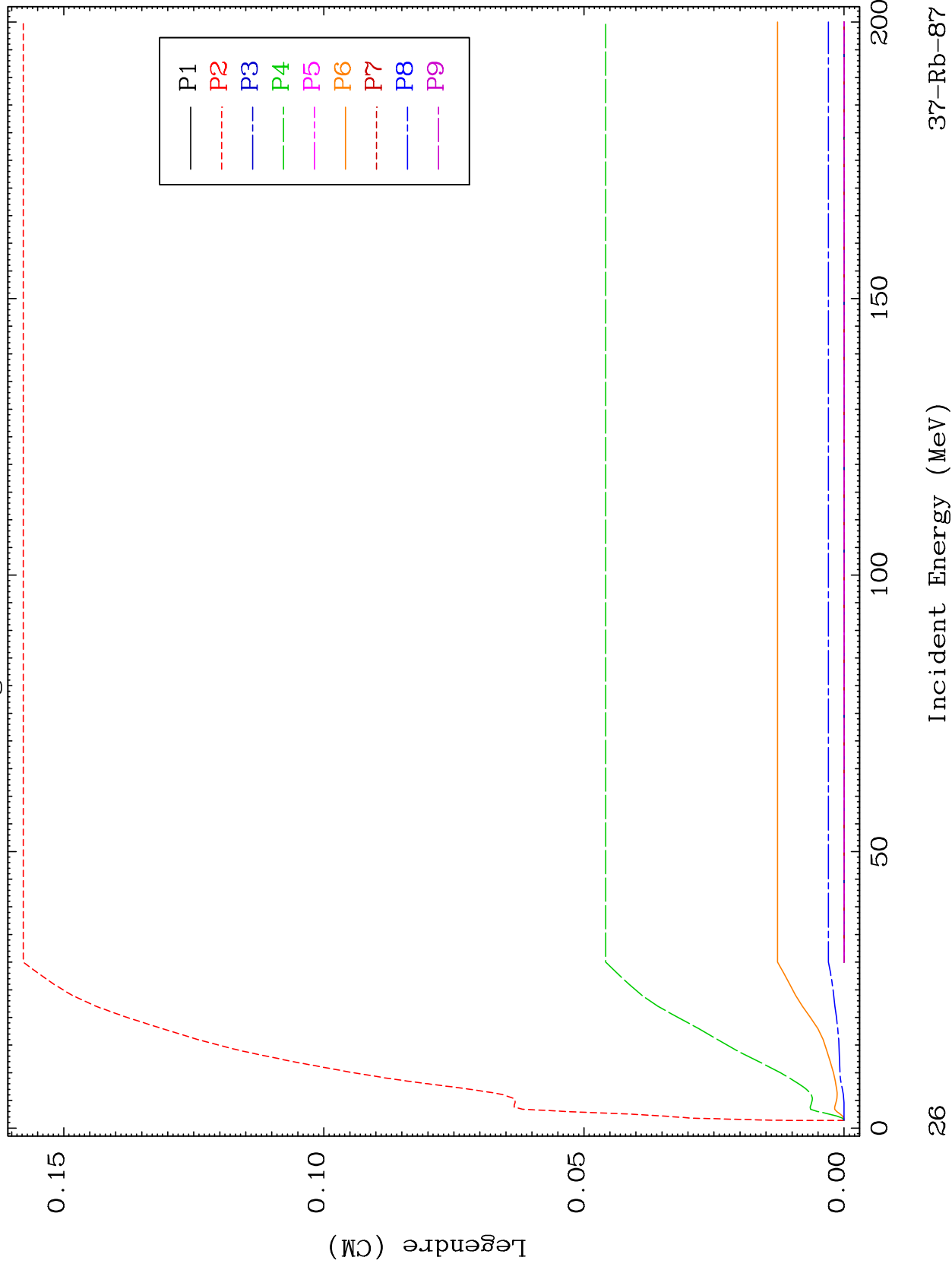
37-Rb-87



MAT 3731

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

37-Rb-87

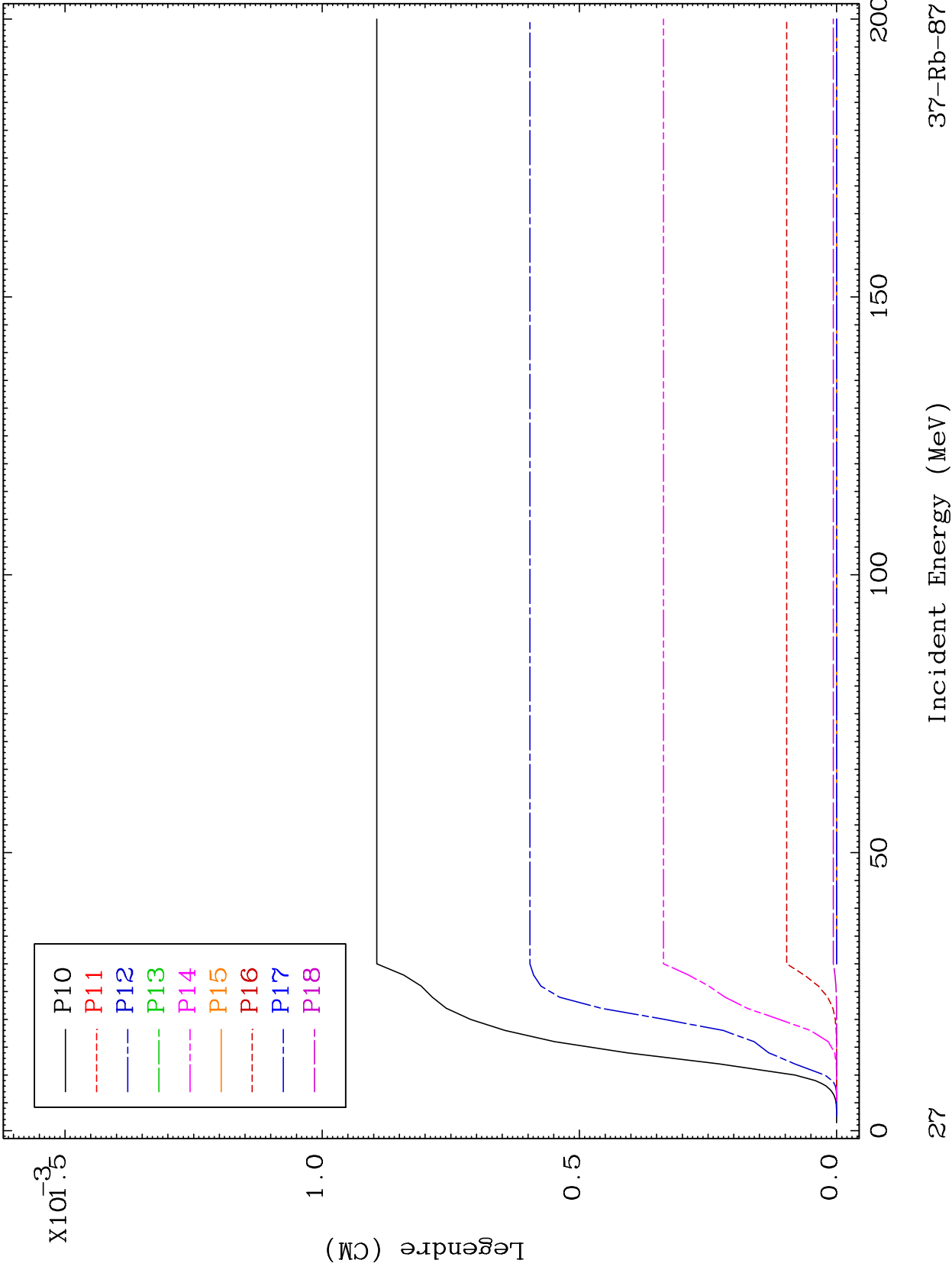


26

MAT 3731

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

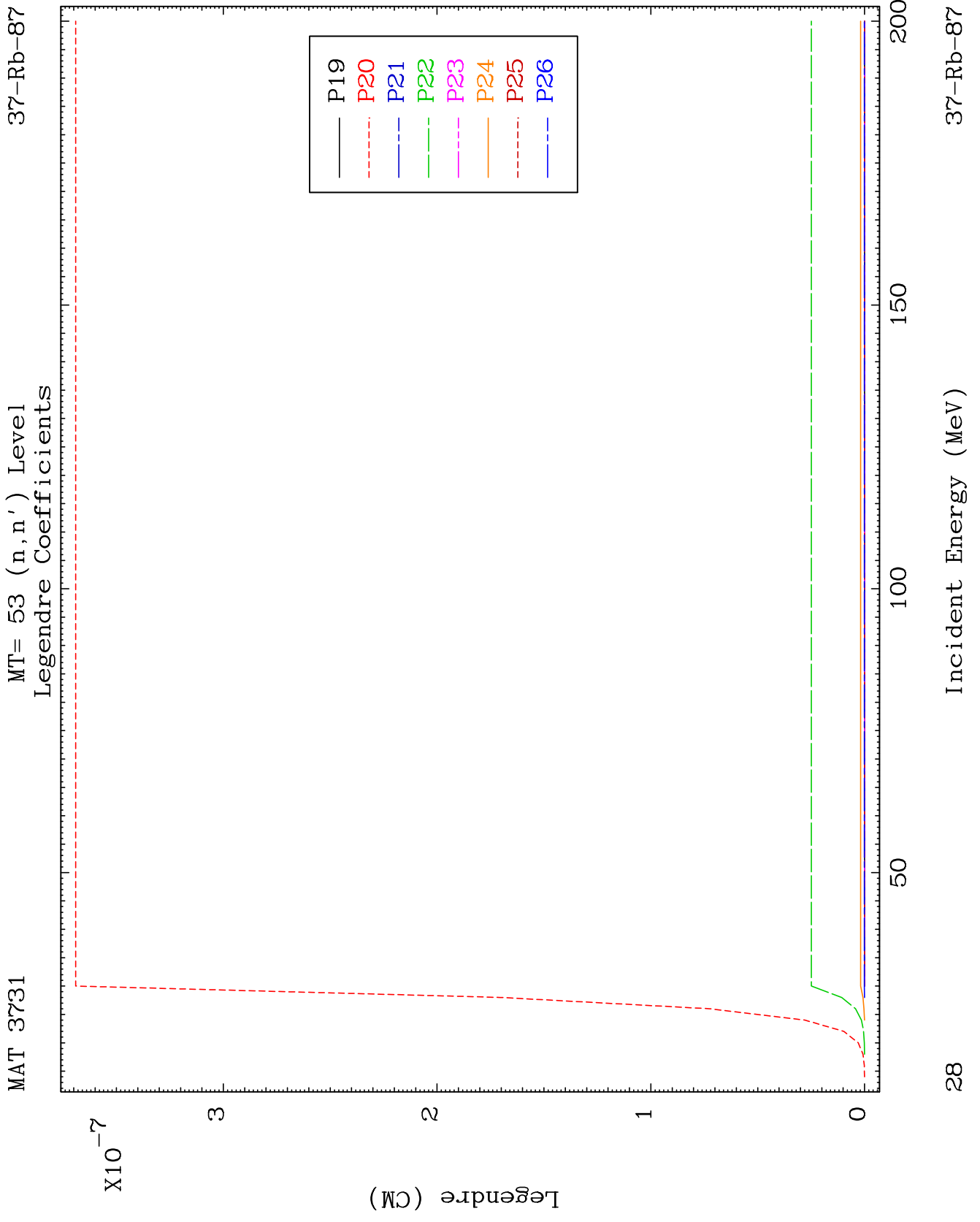
37-Rb-87



27

Incident Energy (MeV)

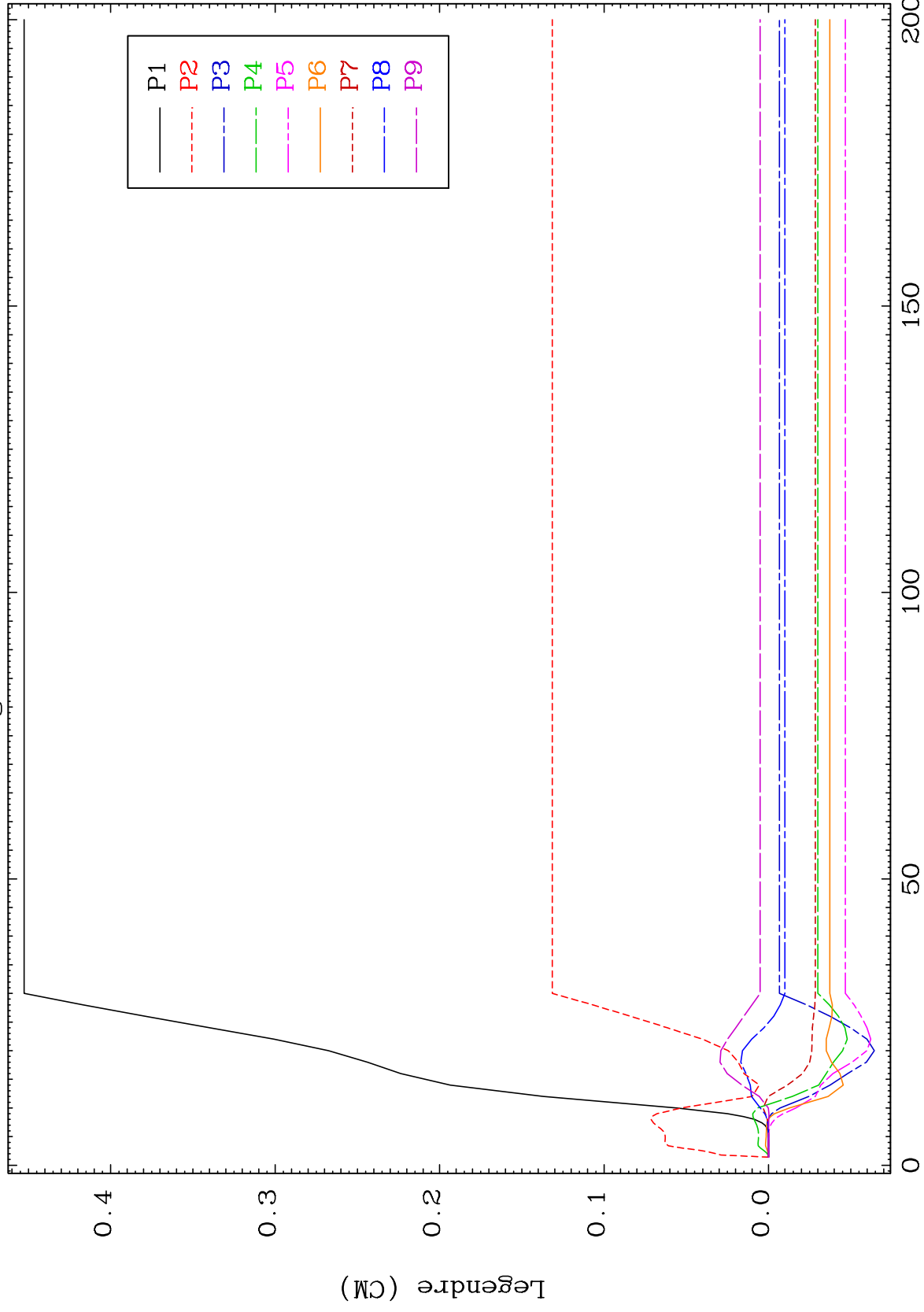
37-Rb-87



MAT 3731

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

37-Rb-87



29

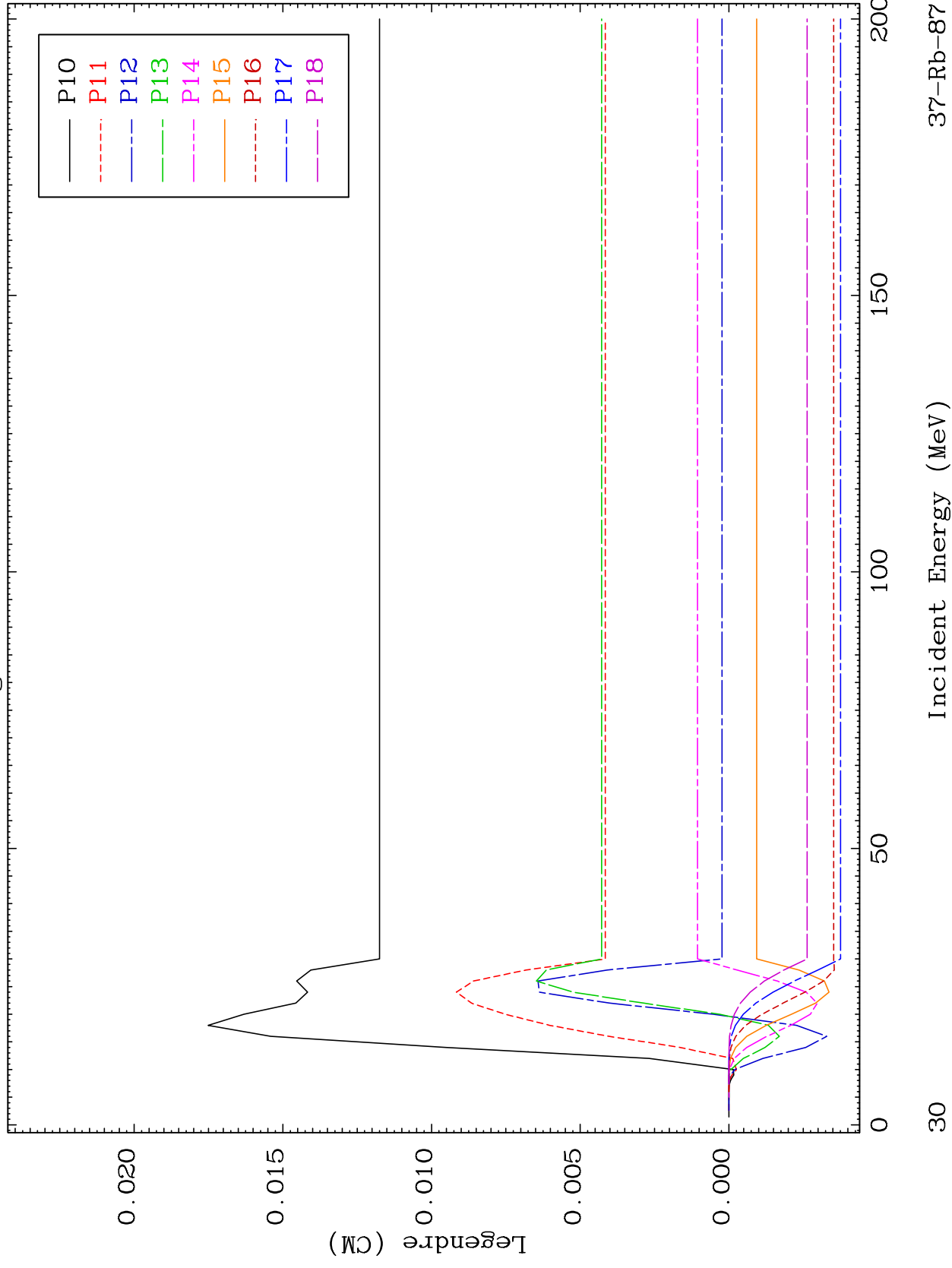
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

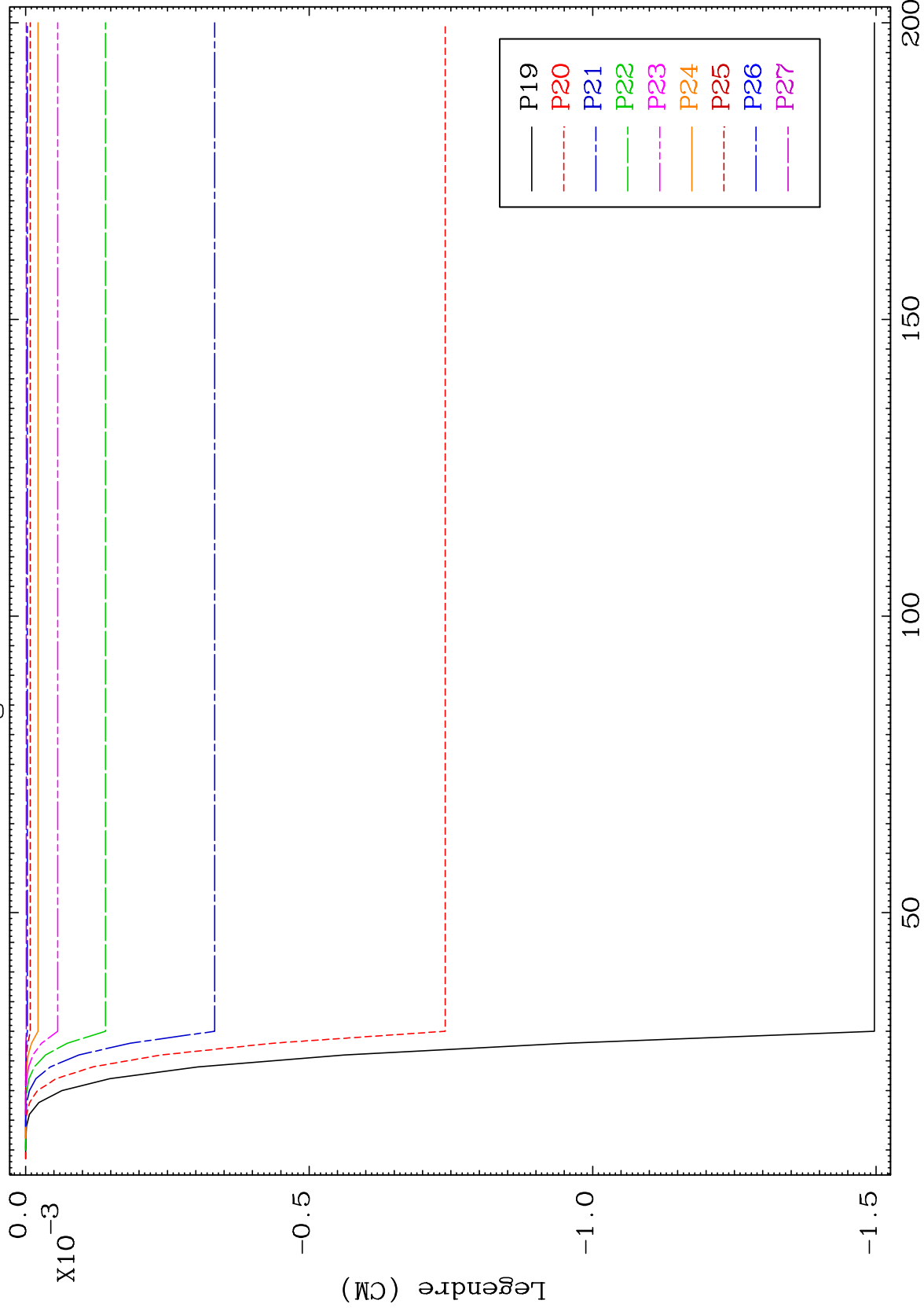
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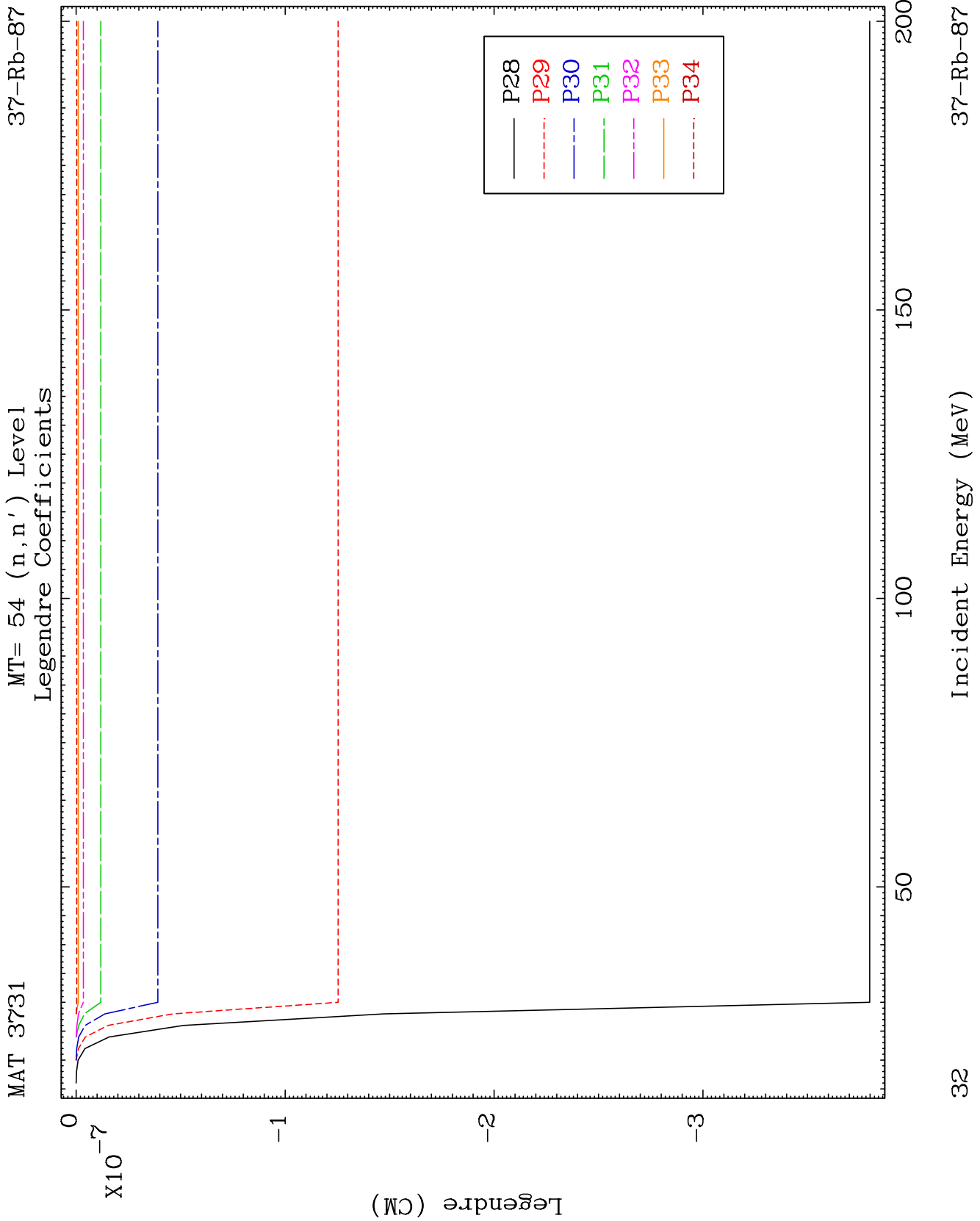


37-Rb-87

Incident Energy (MeV)

30

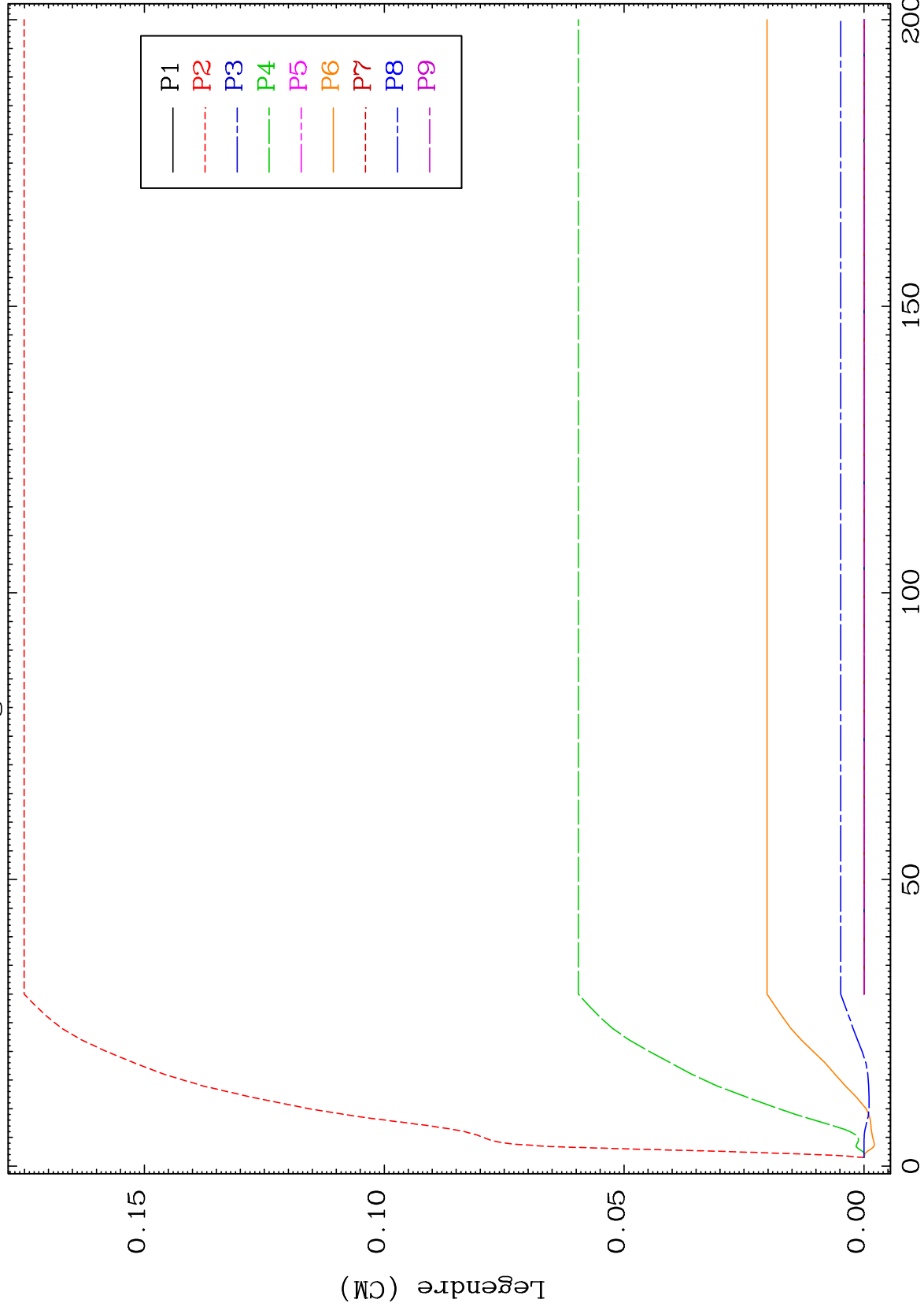




MAT 3731

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

37-Rb-87



33

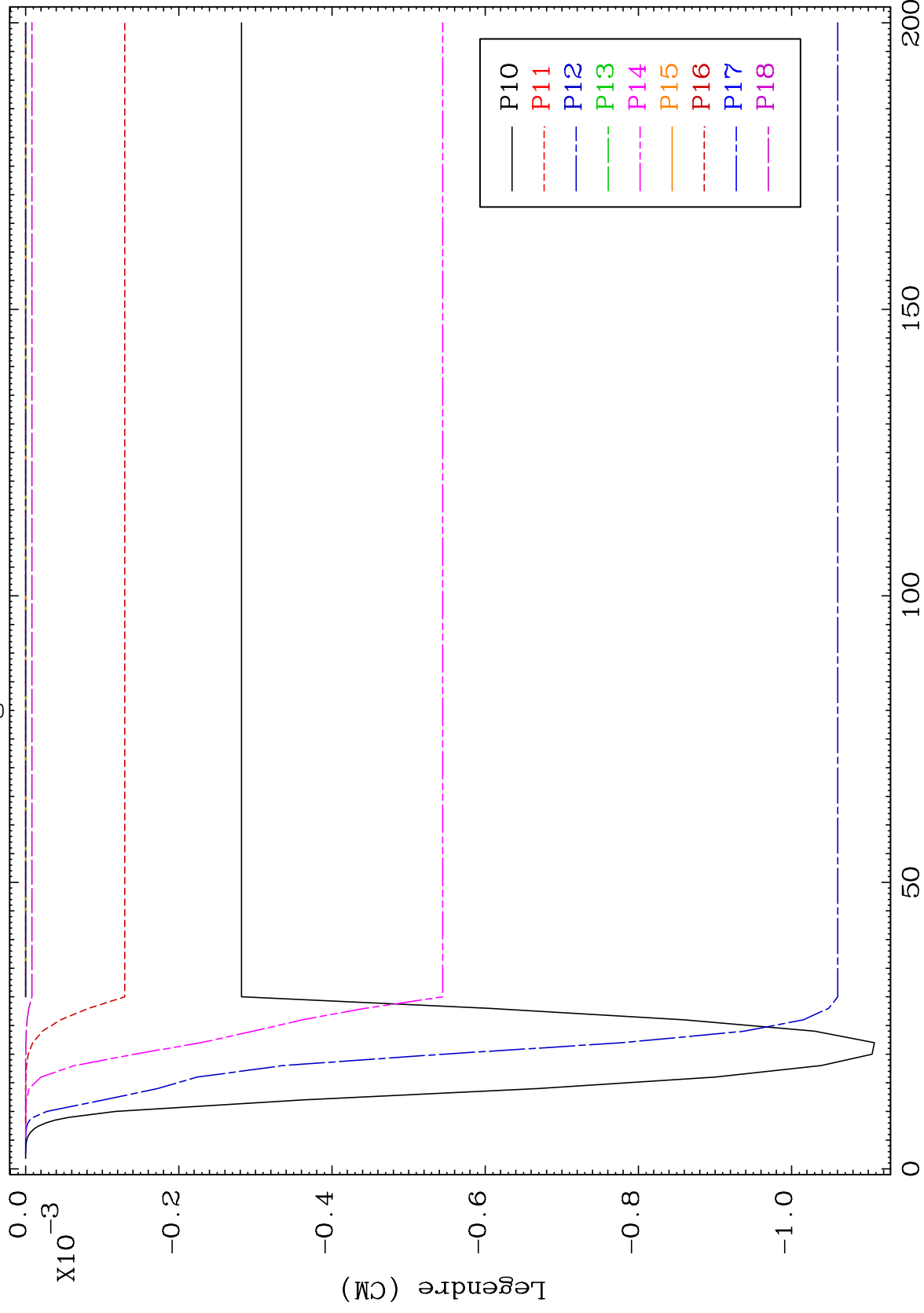
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

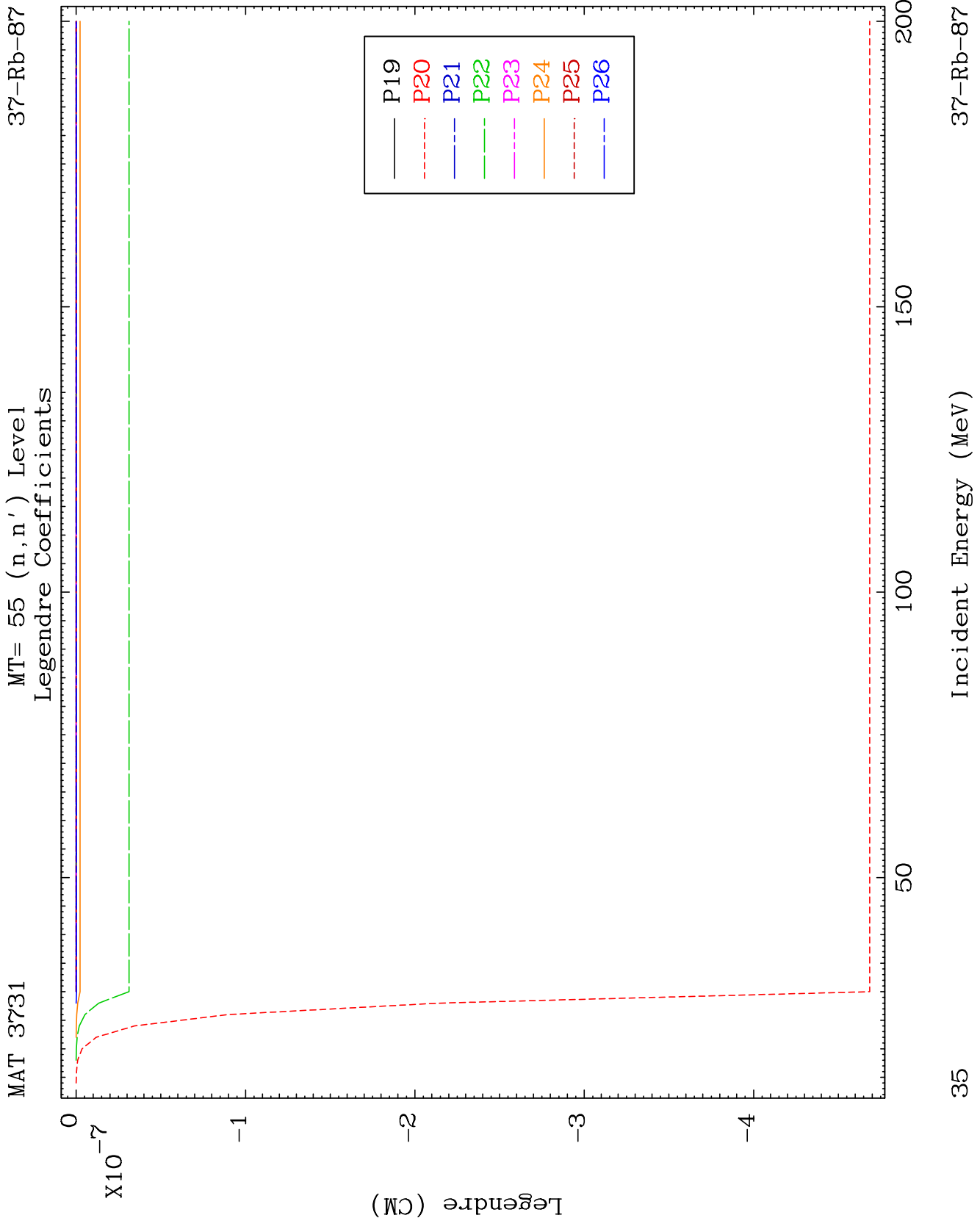
37-Rb-87



34

Incident Energy (MeV)

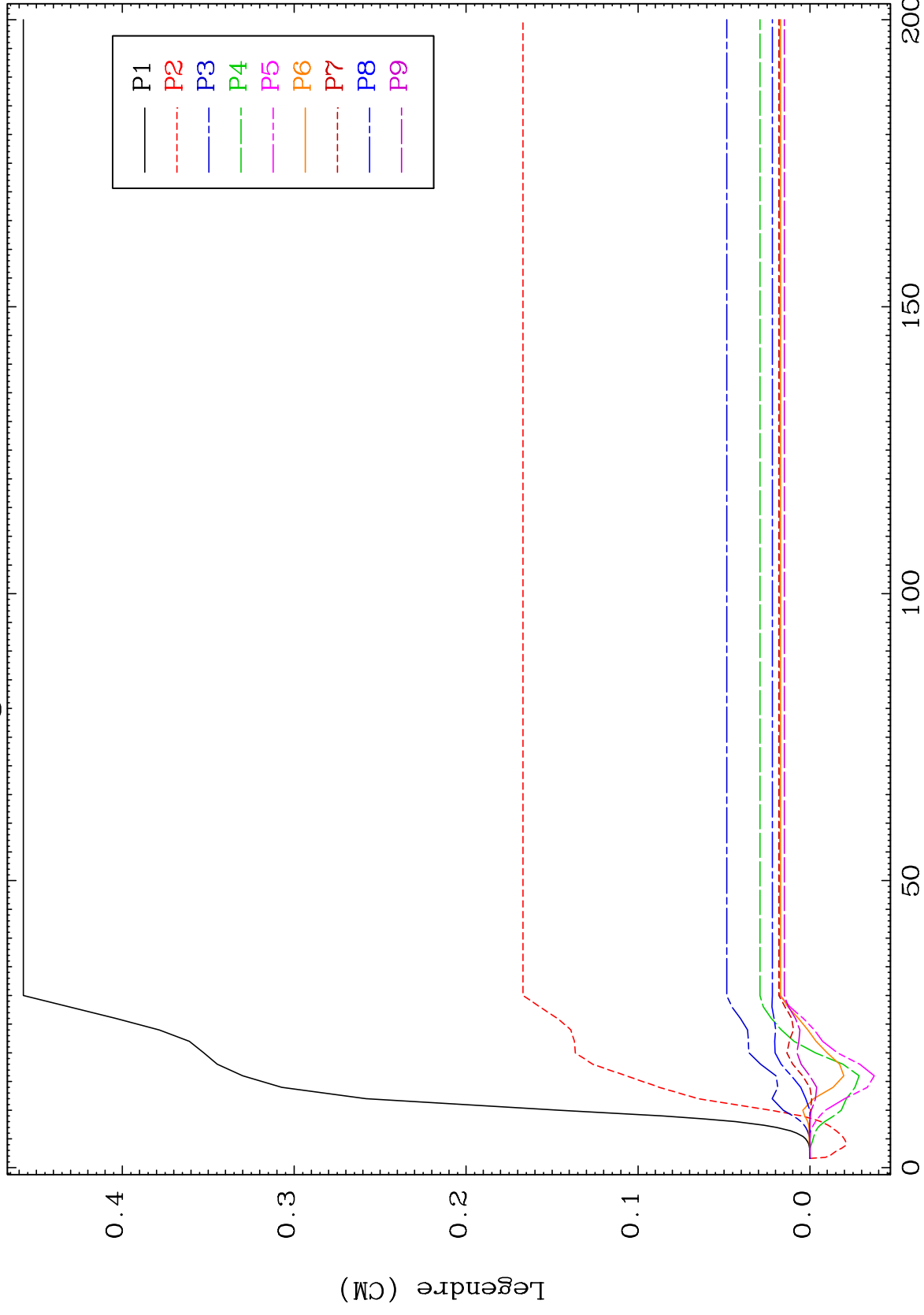
37-Rb-87



MAT 3731

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

37-Rb-87



36

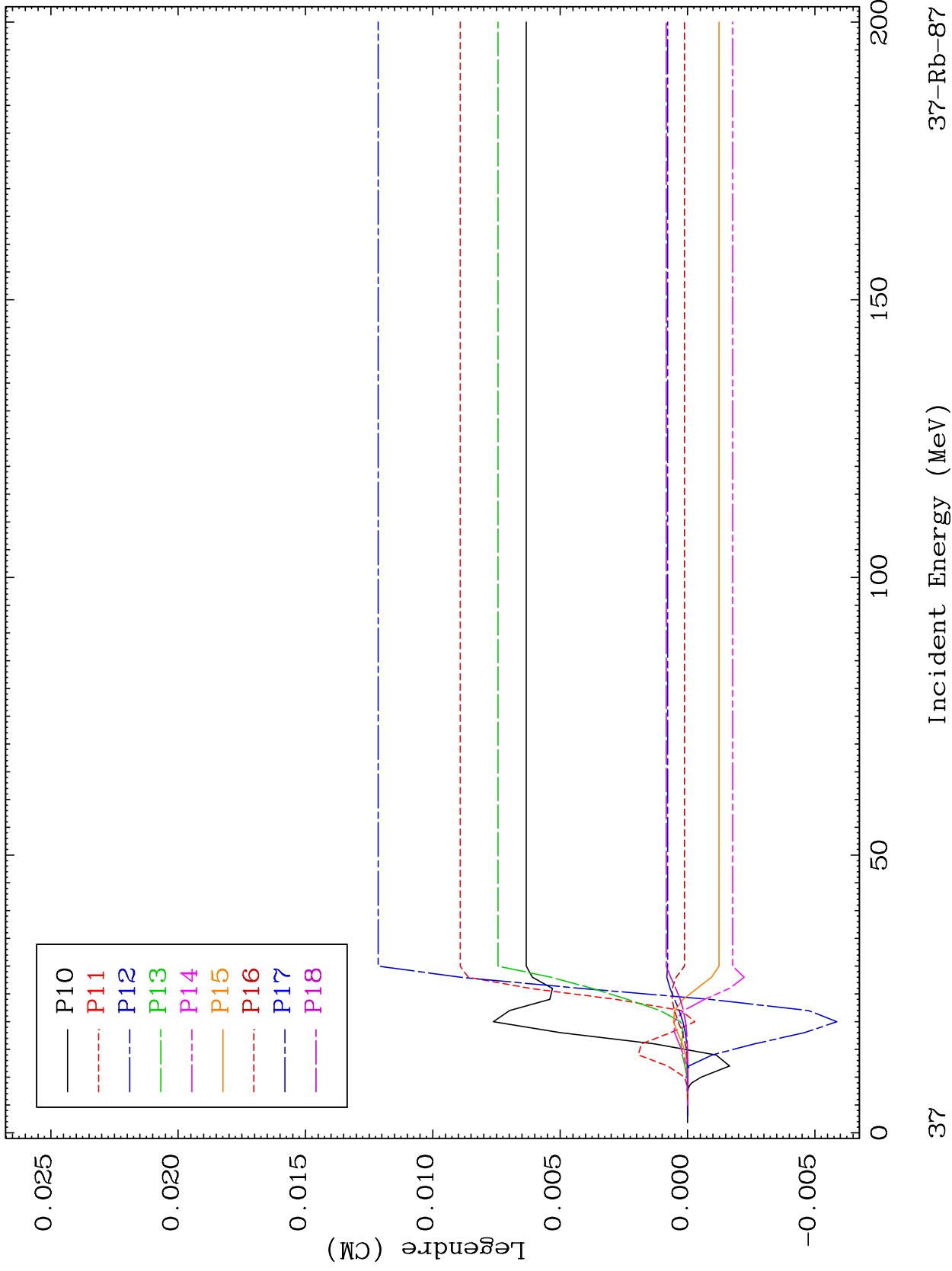
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

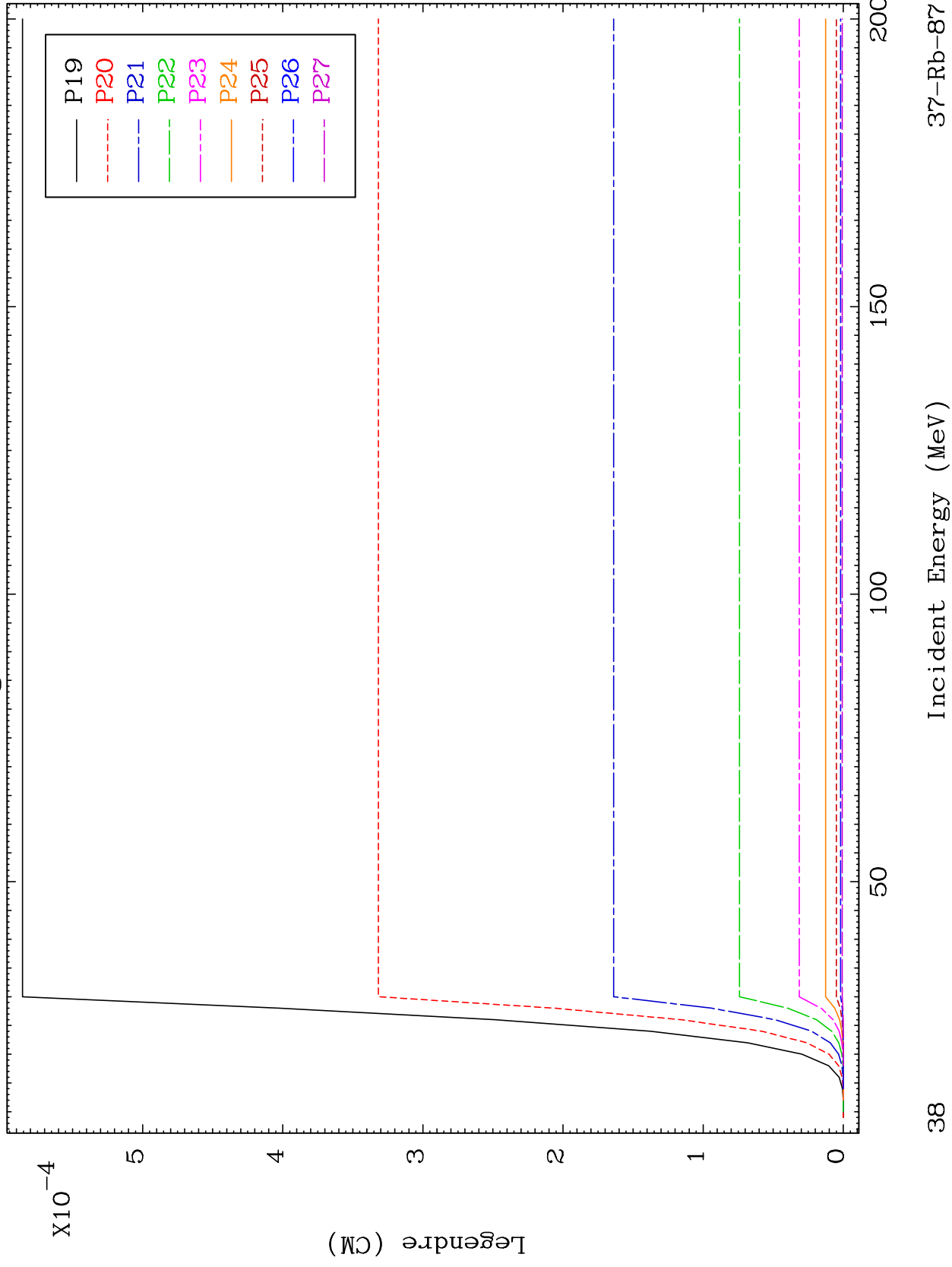
37-Rb-87



MAT 3731

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

37-Rb-87



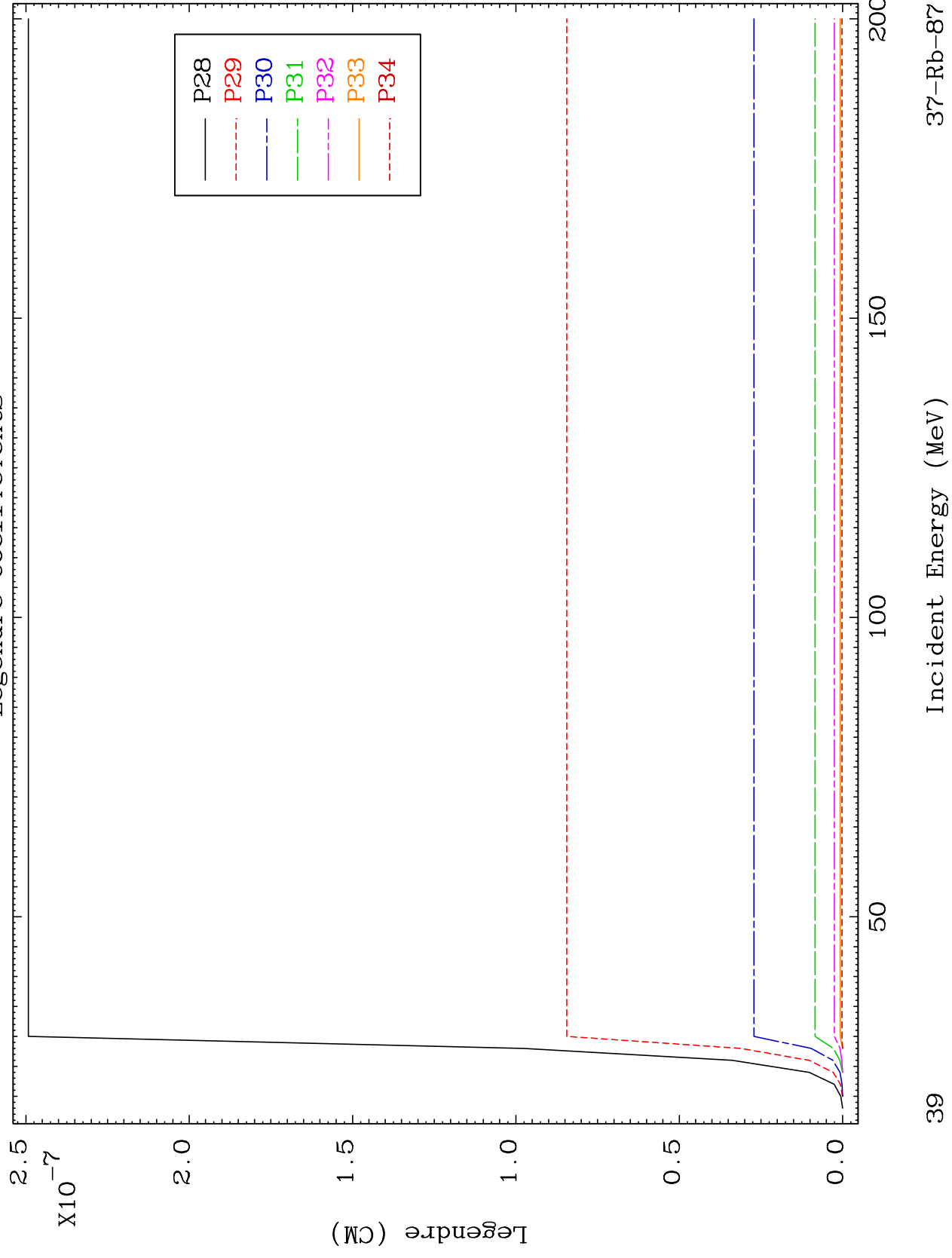
38

37-Rb-87

MAT 3731

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

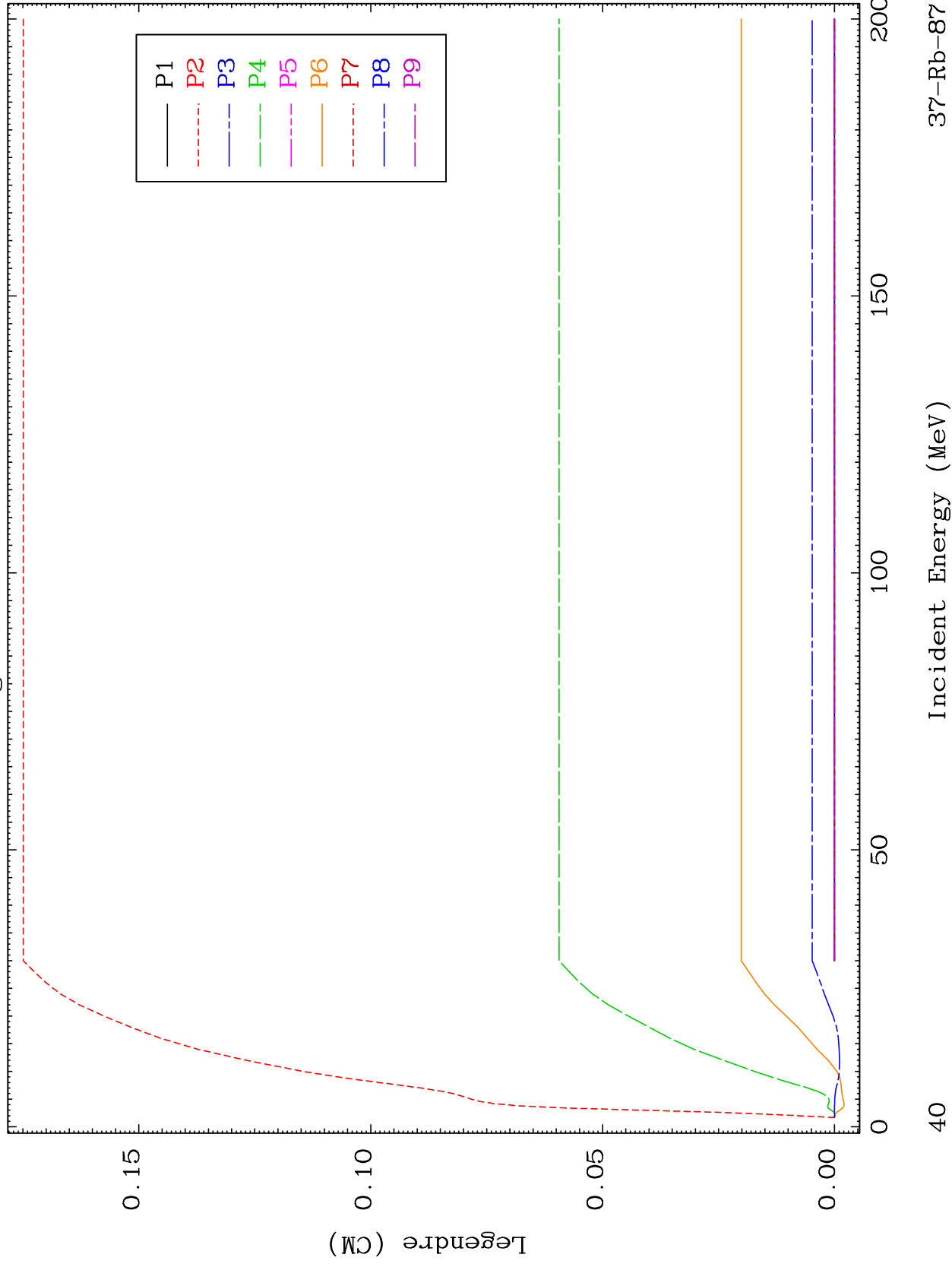
37-Rb-87



MAT 3731

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

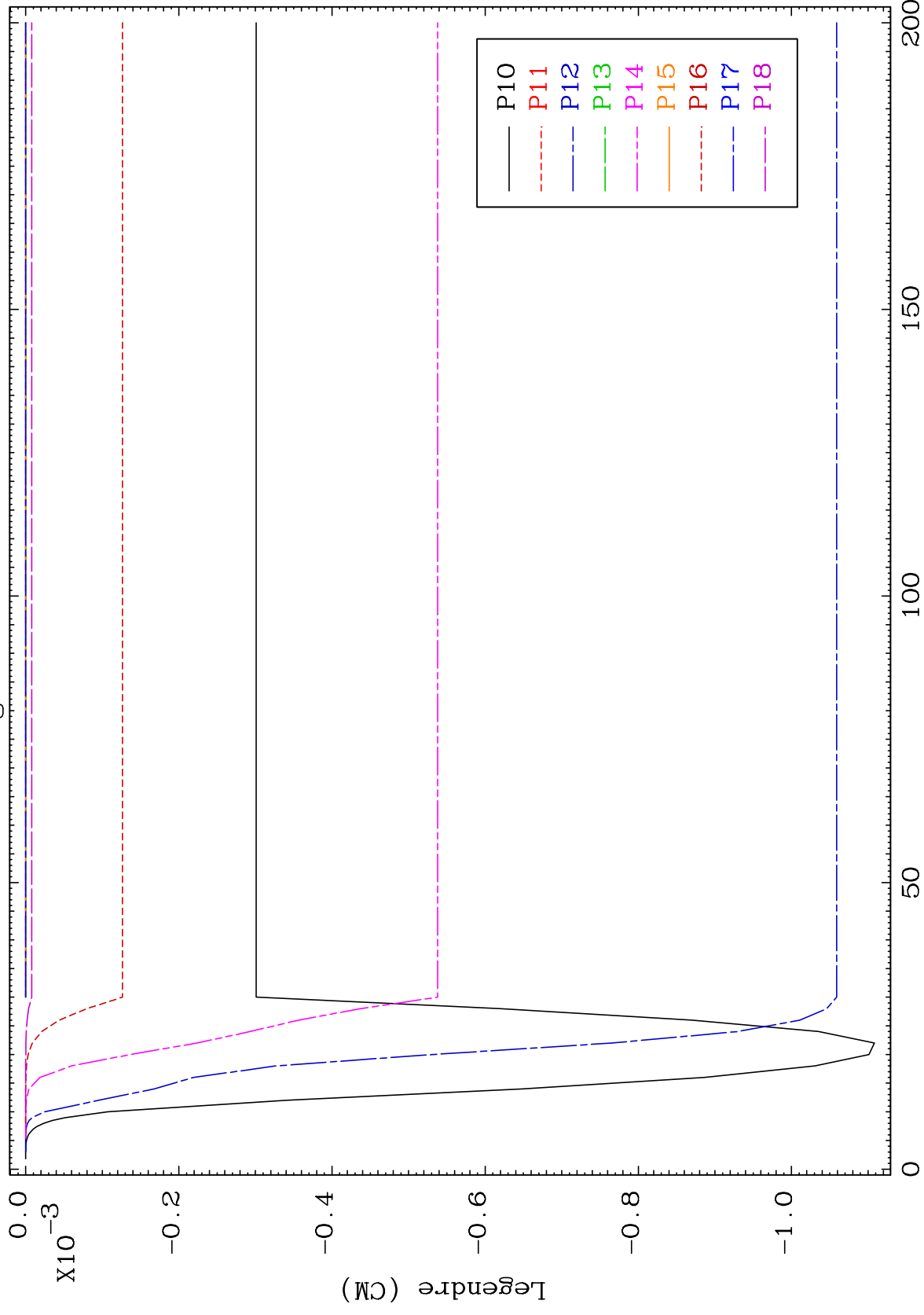
37-Rb-87



MAT 3731

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

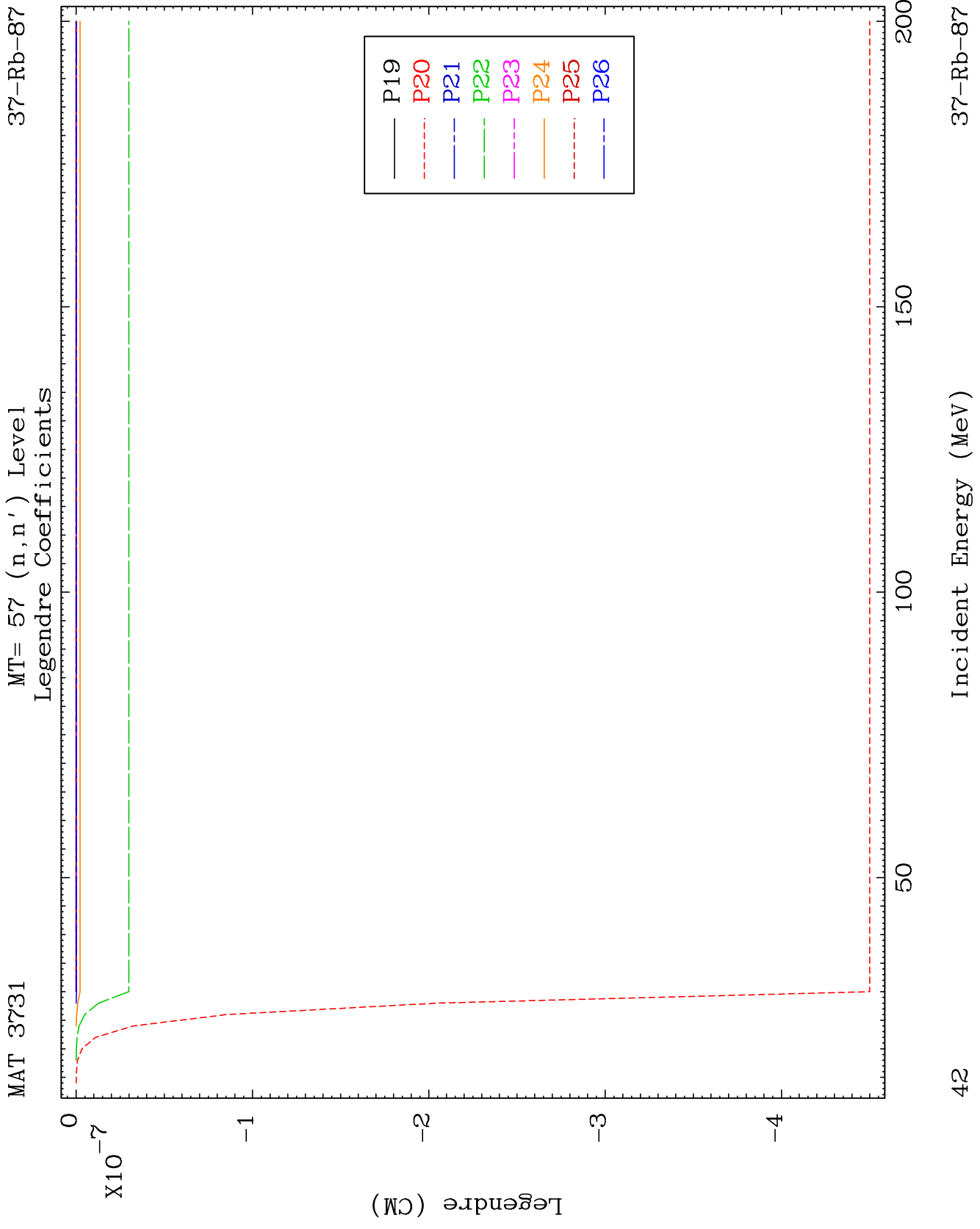
37-Rb-87



37-Rb-87

Incident Energy (MeV)

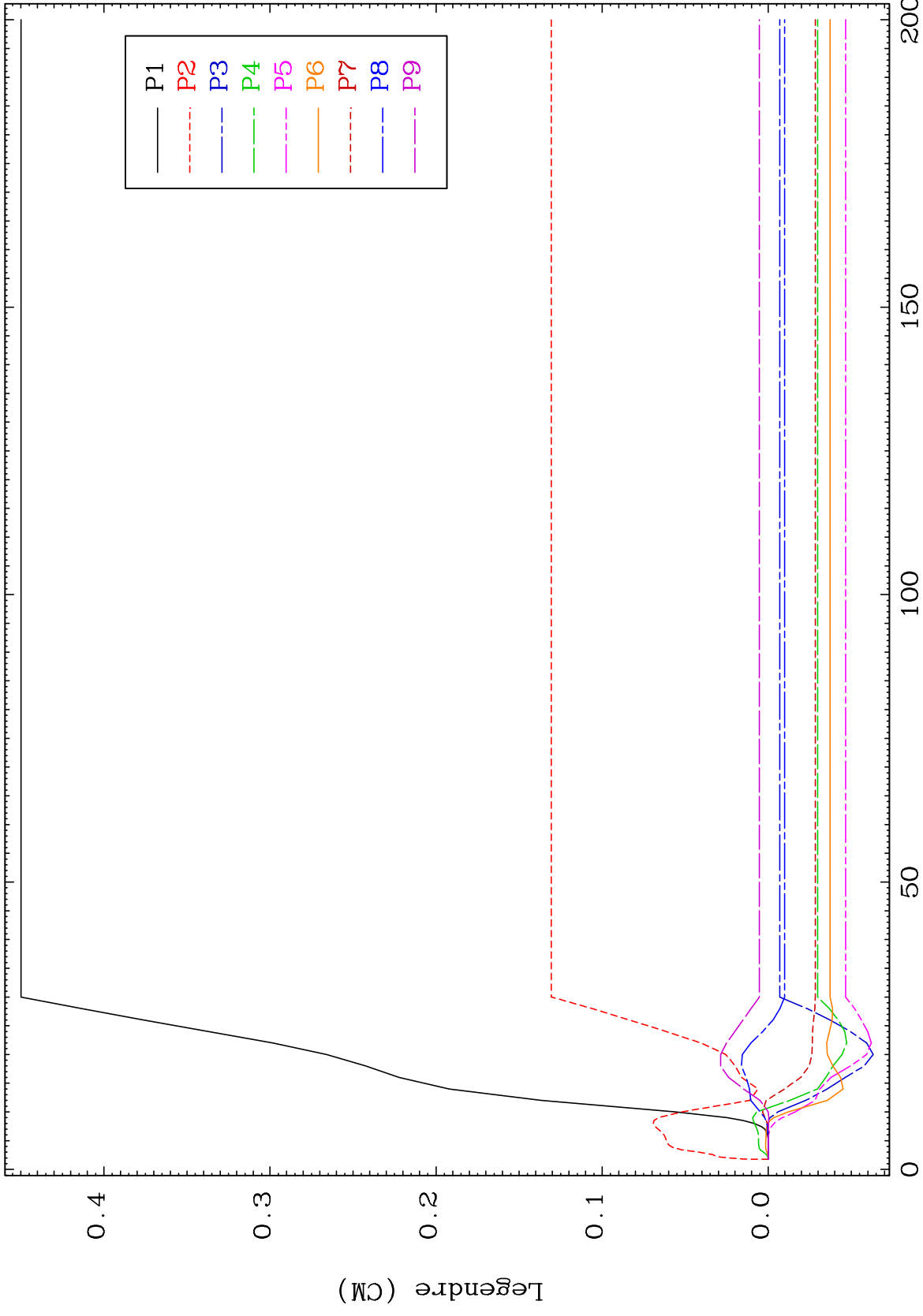
41



MAT 3731

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

37-Rb-87



43

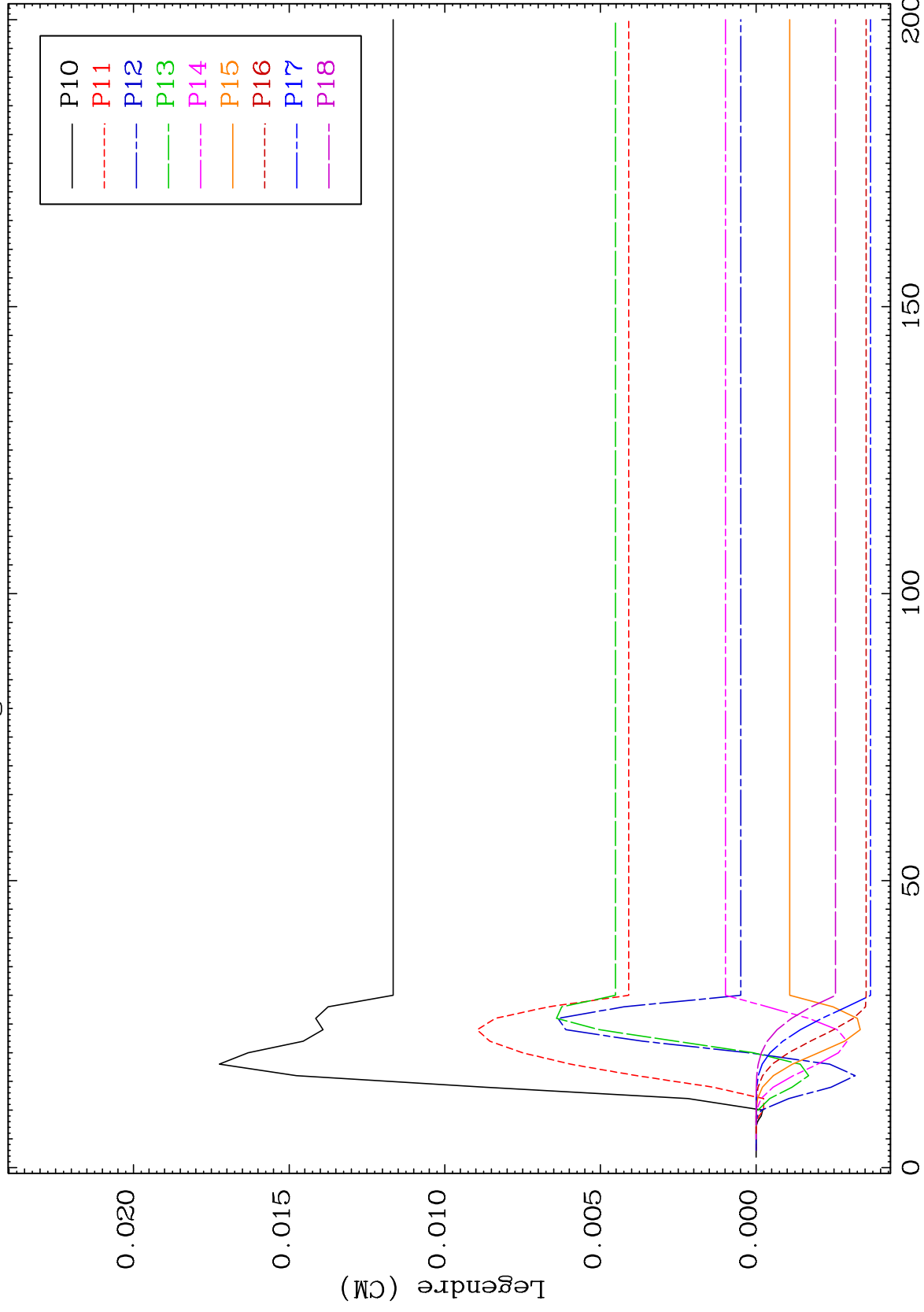
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

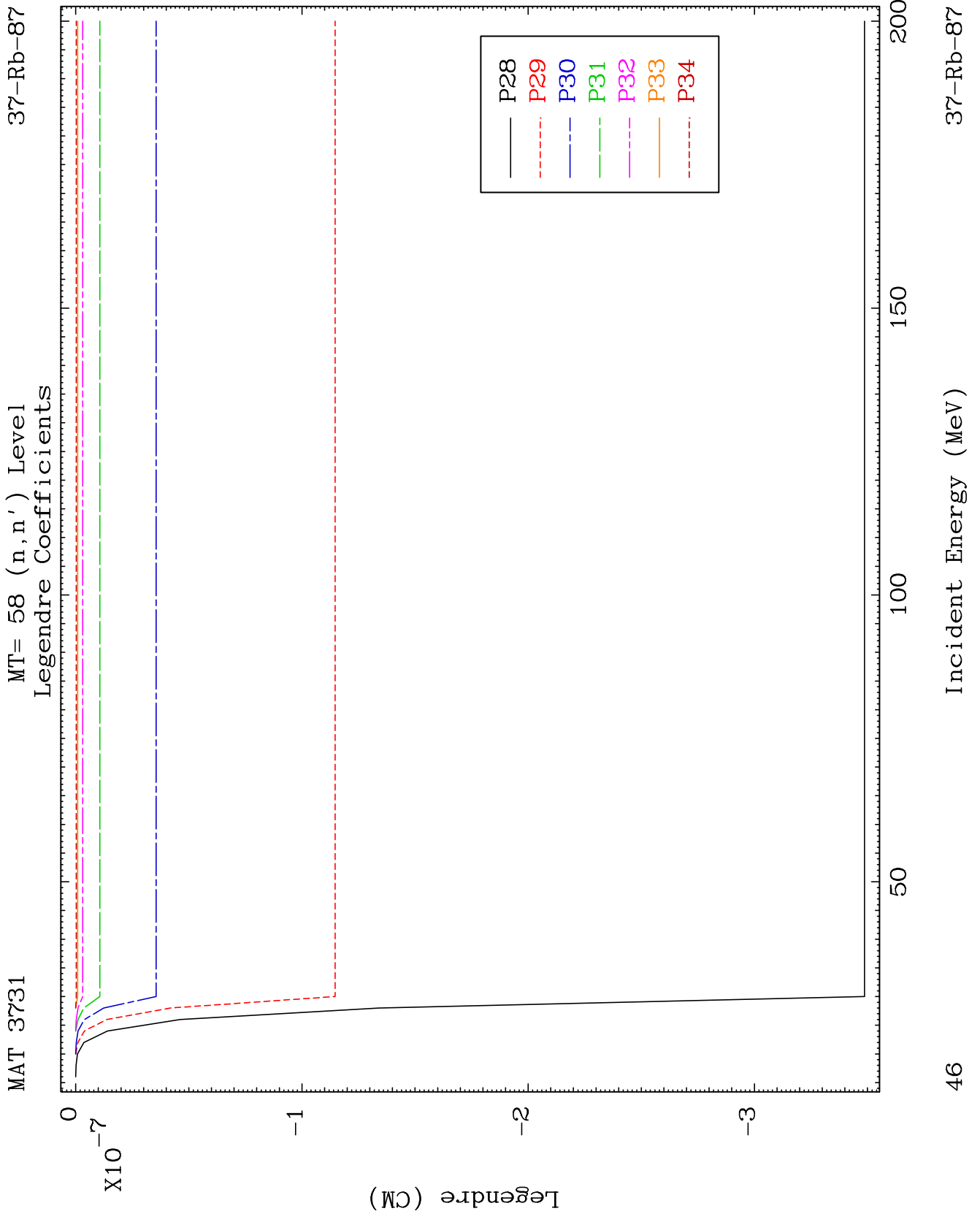
37-Rb-87



44

Incident Energy (MeV)

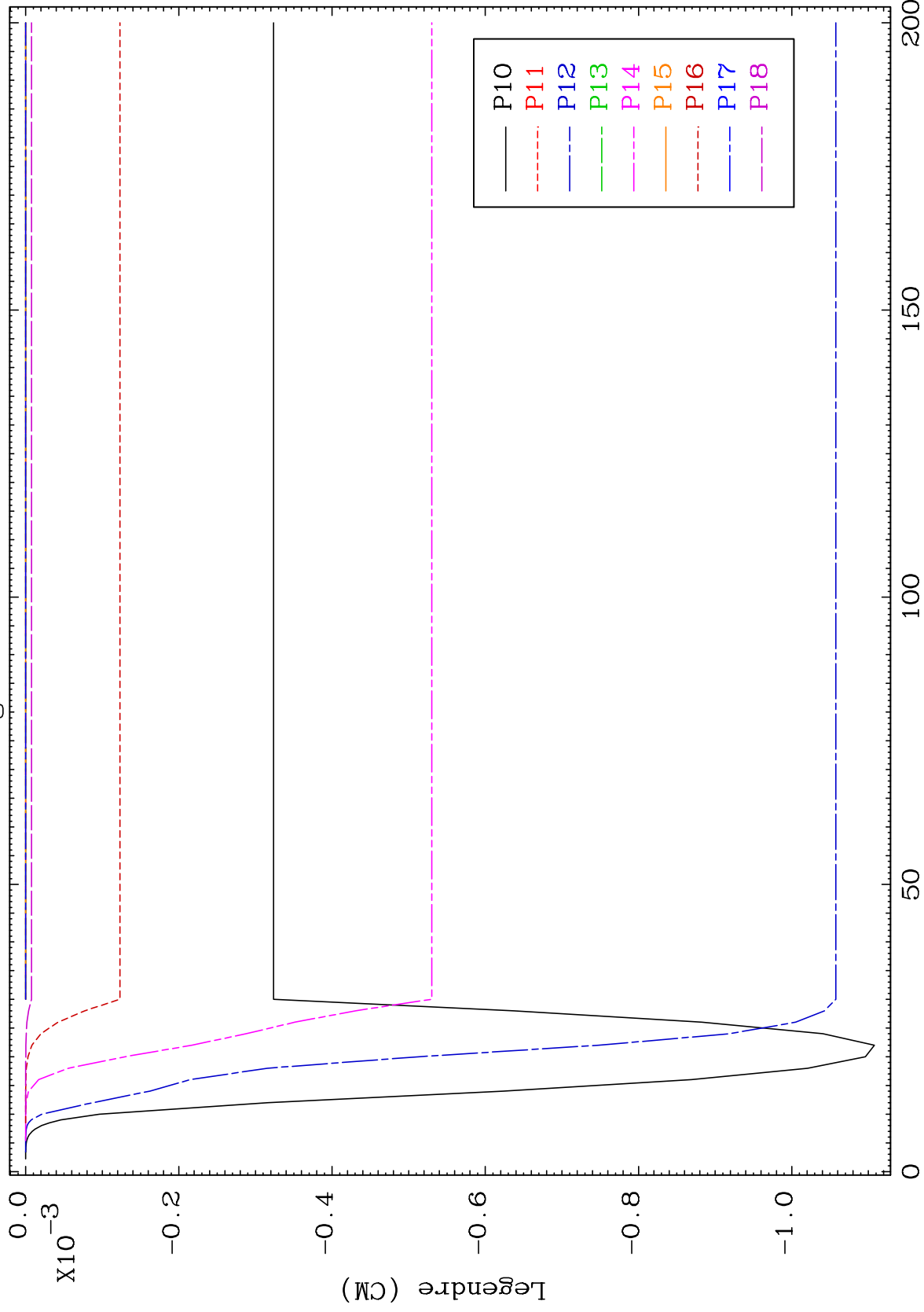
37-Rb-87



MAT 3731

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

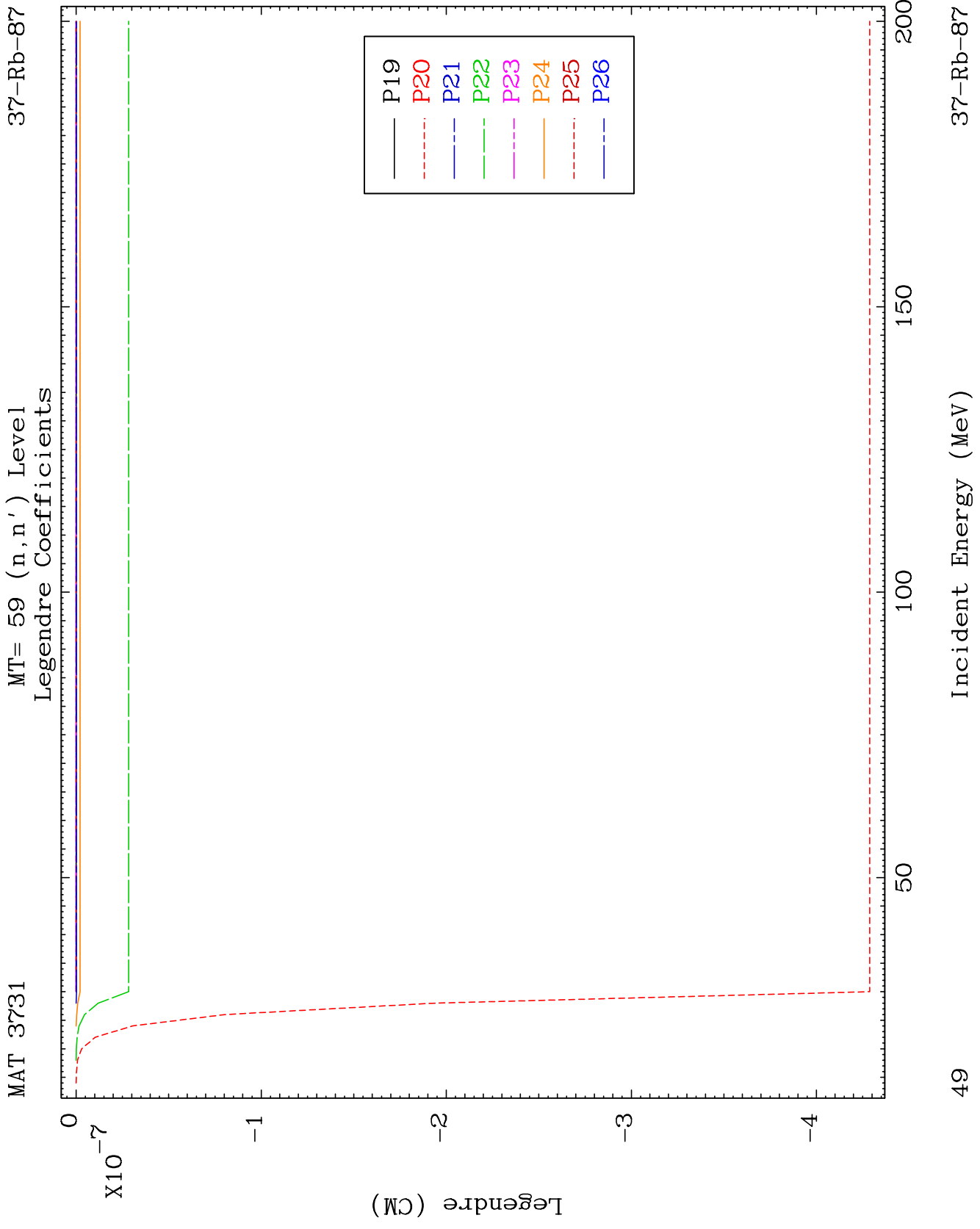
37-Rb-87



48

Incident Energy (MeV)

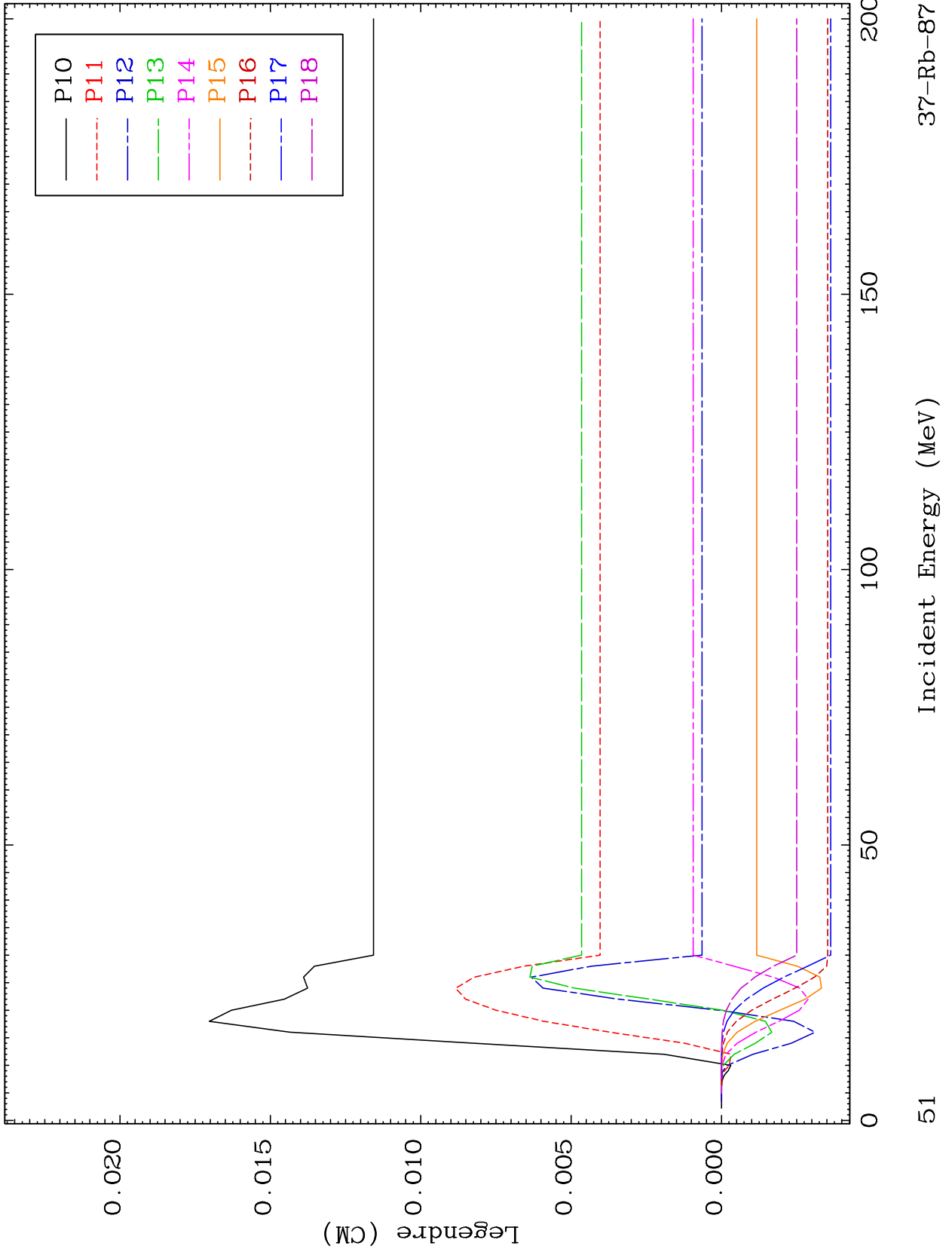
37-Rb-87



MAT 3731

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

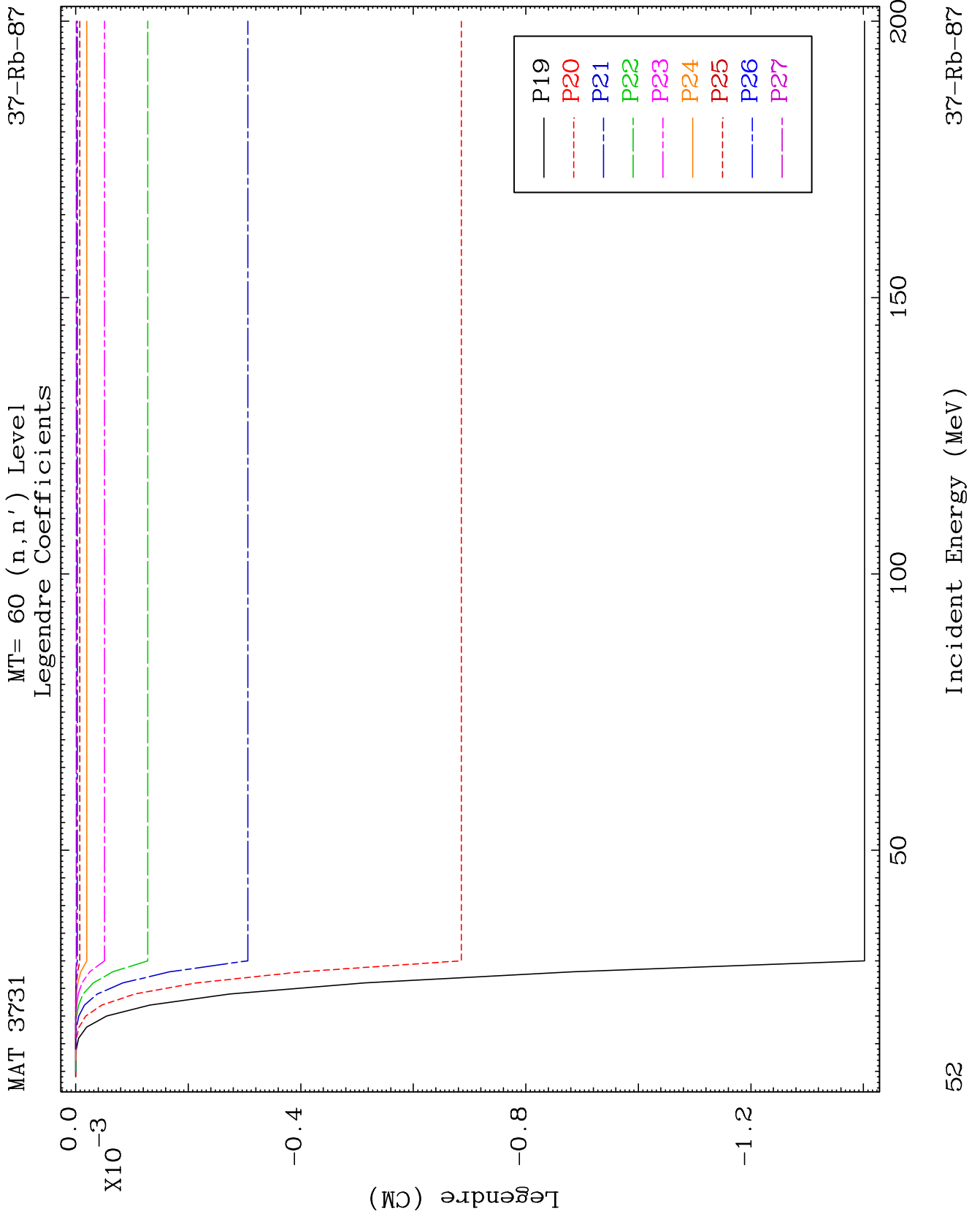
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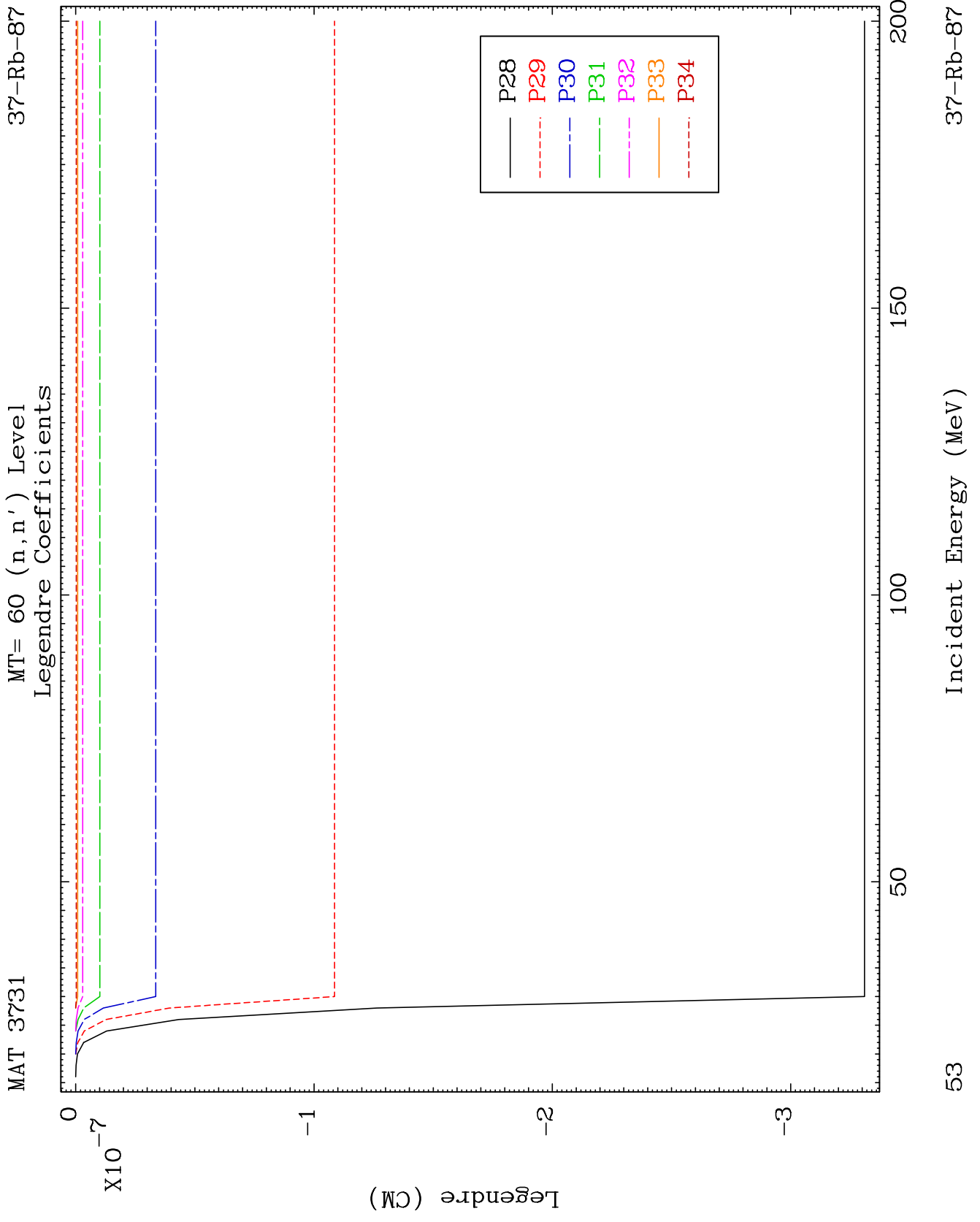


51

Incident Energy (MeV)

37-Rb-87

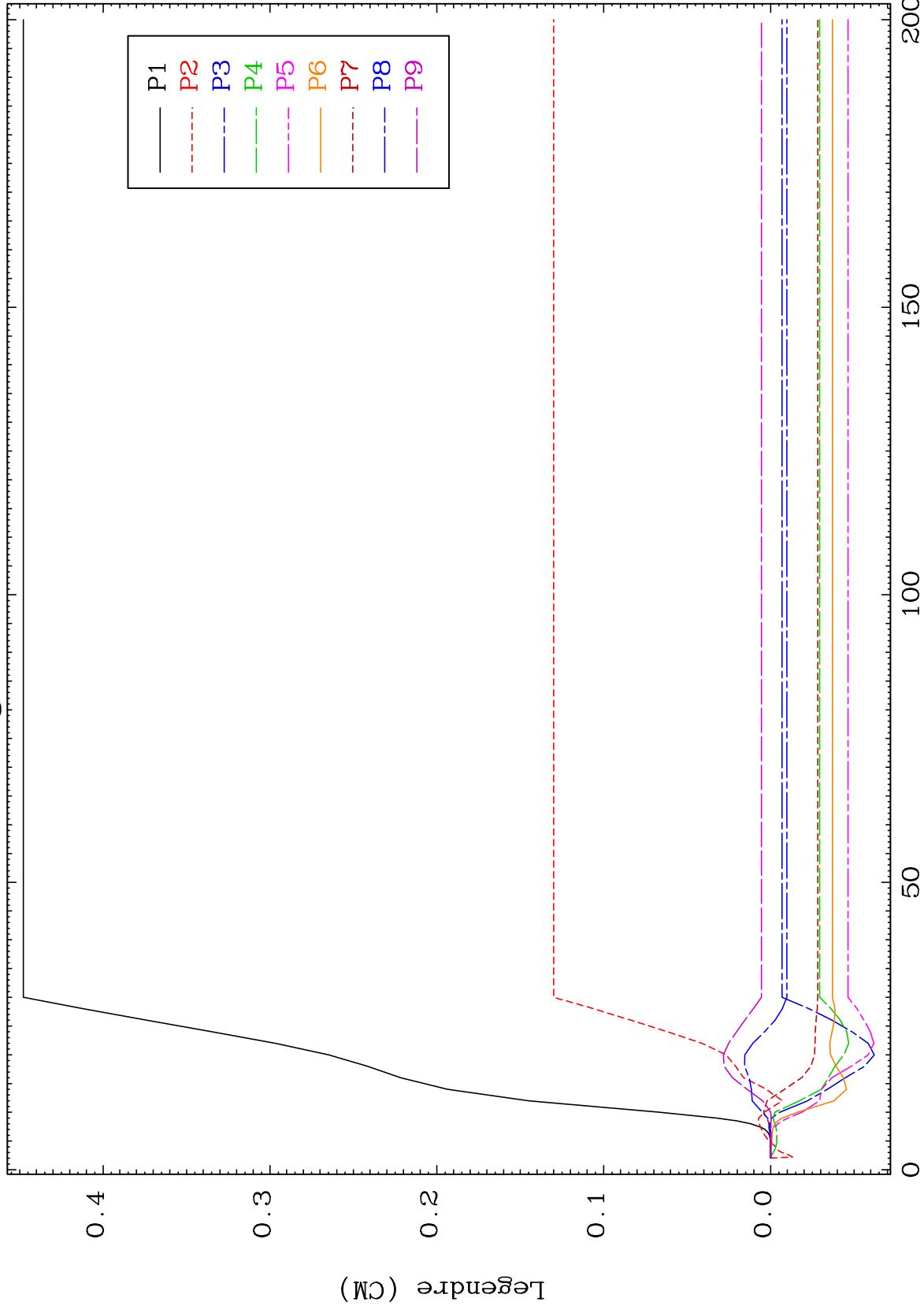




MAT 3731

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

37-Rb-87



54

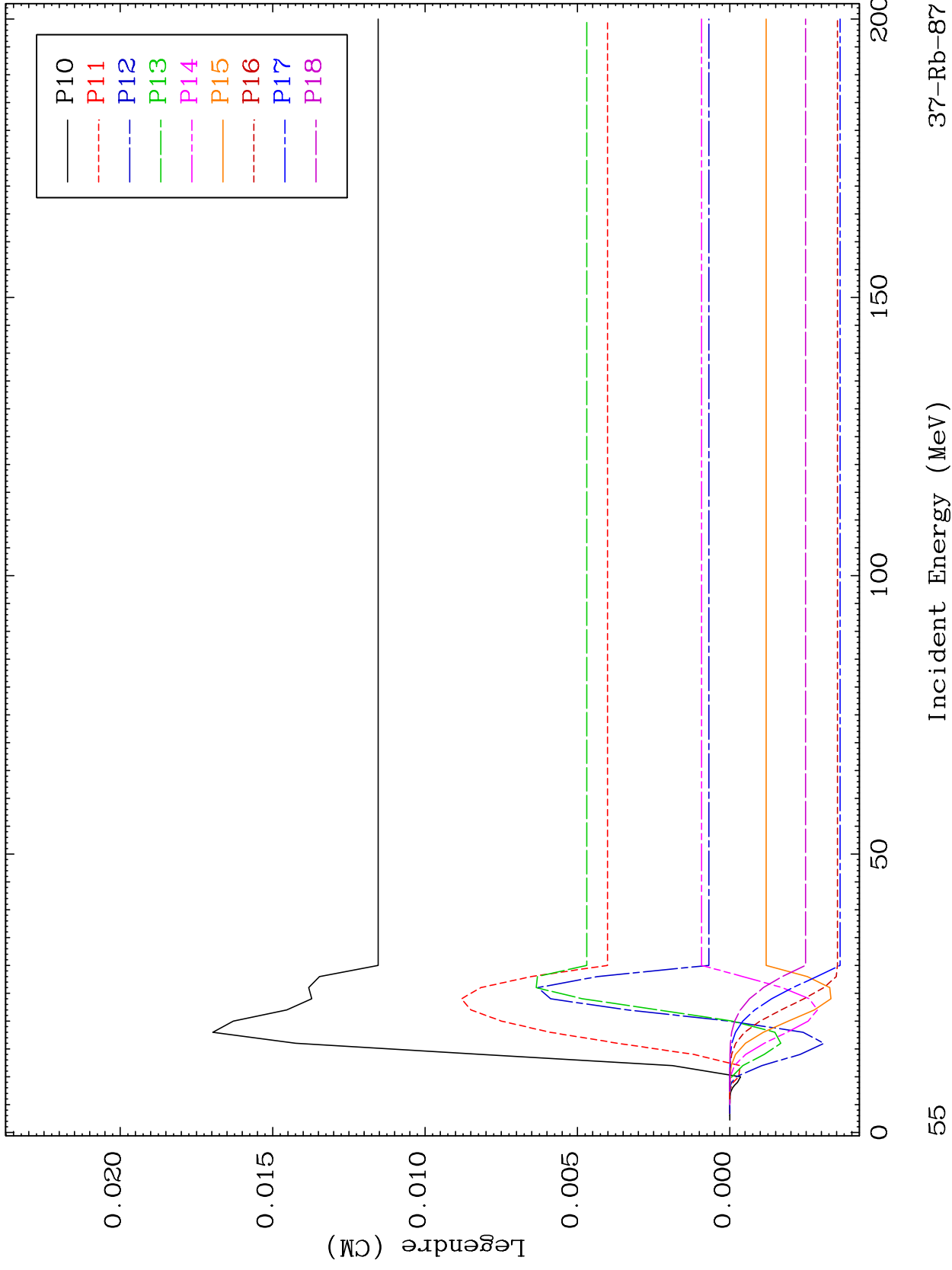
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

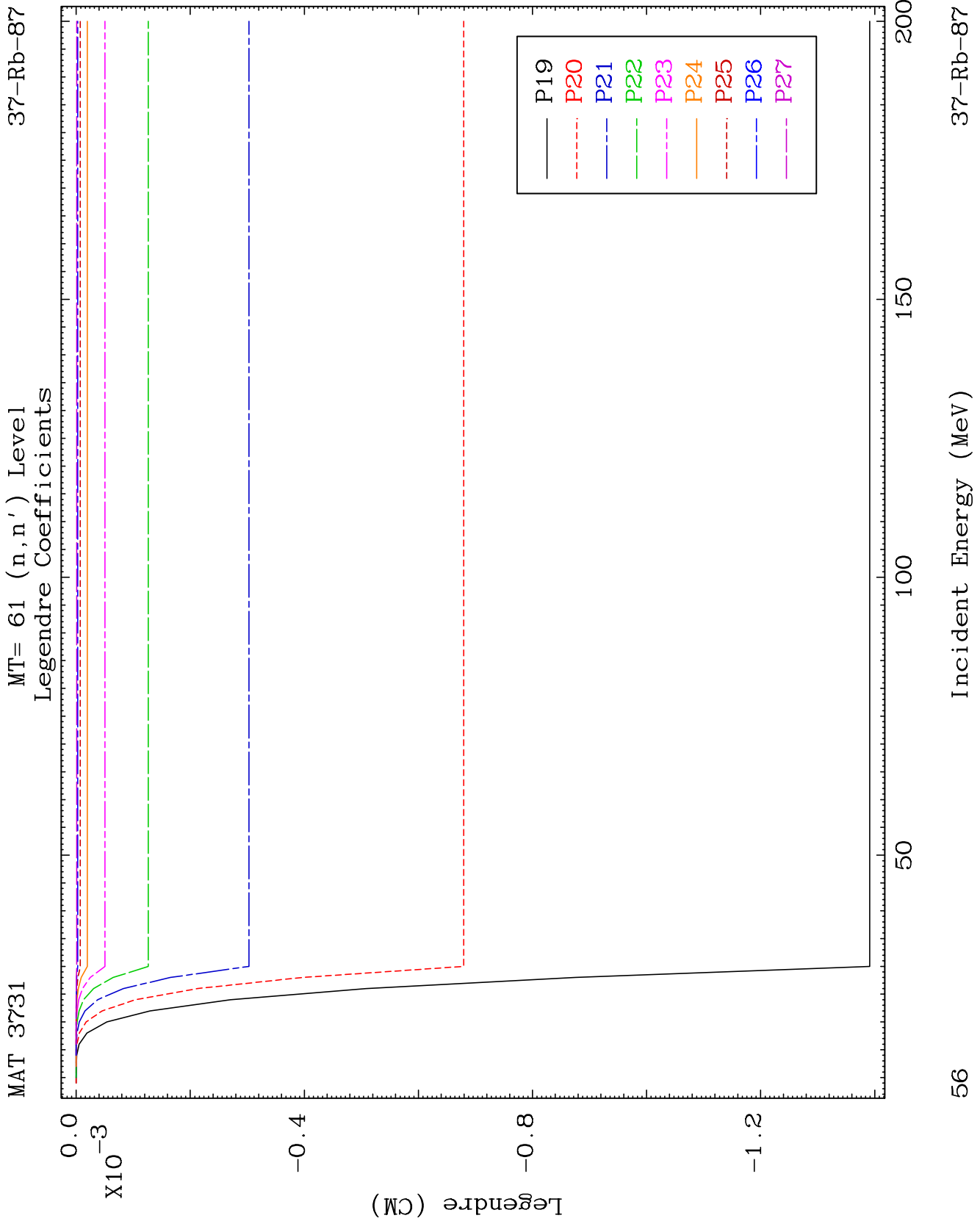
37-Rb-87

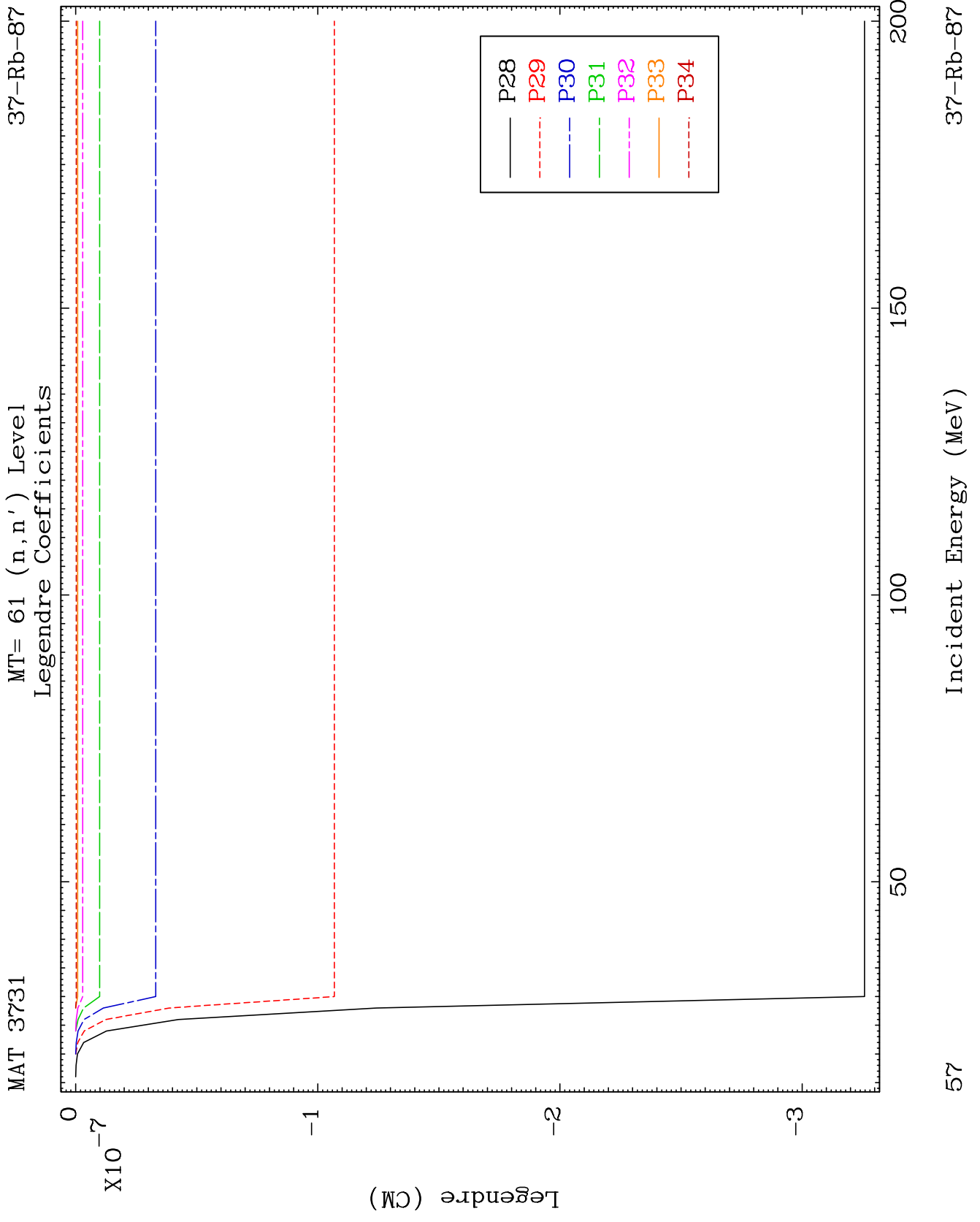


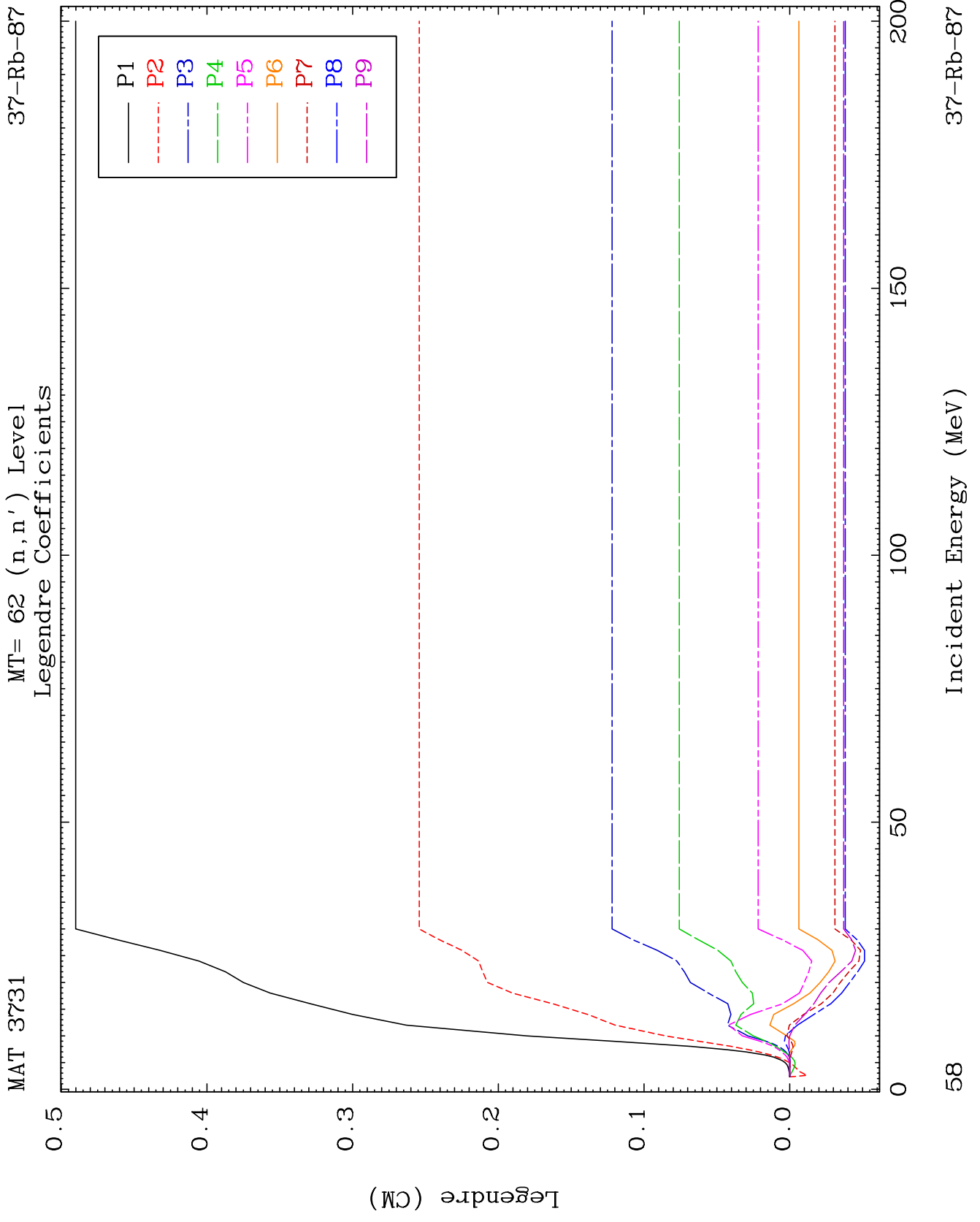
37-Rb-87

Incident Energy (MeV)

55



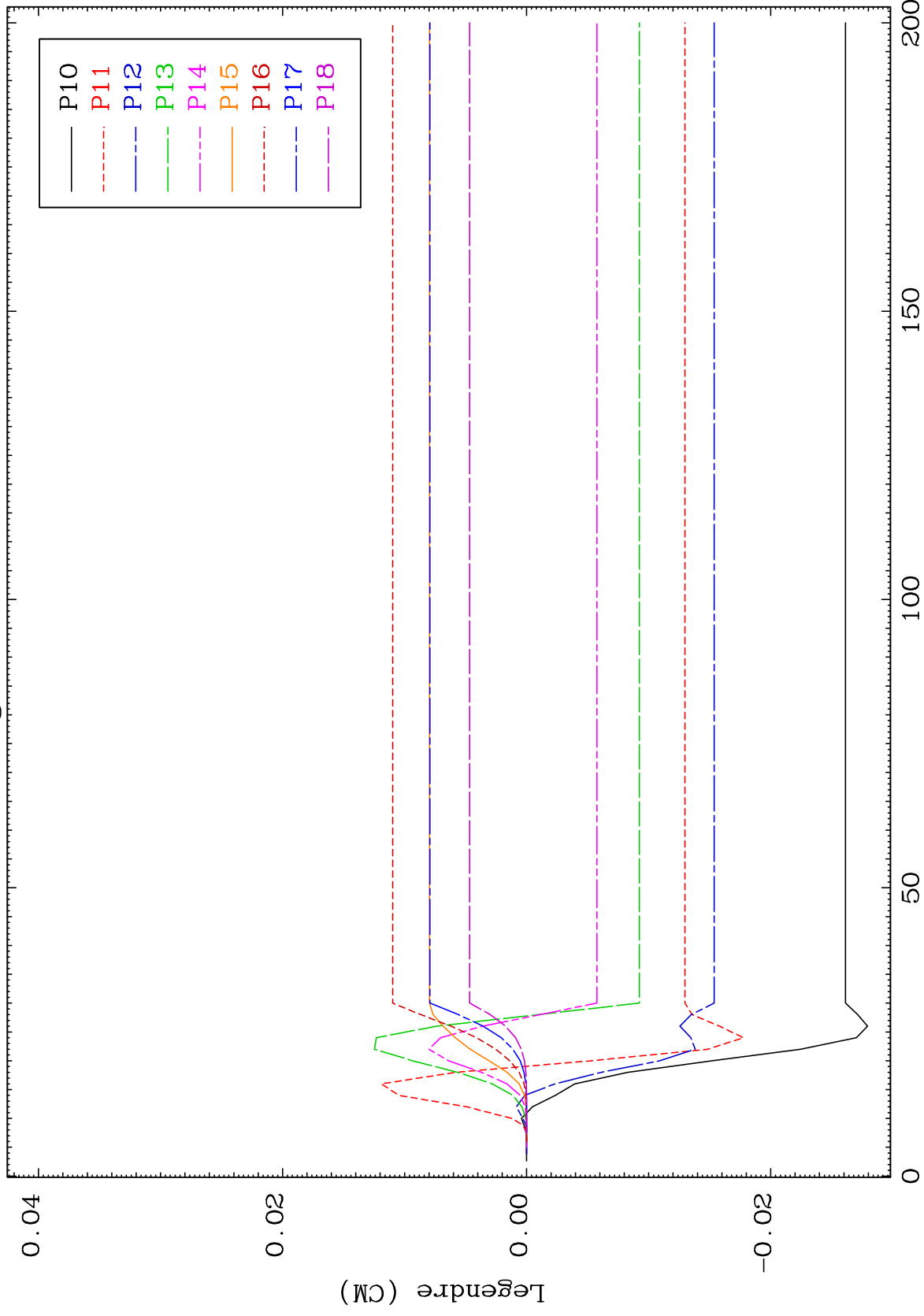




MAT 3731

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

37-Rb-87



59

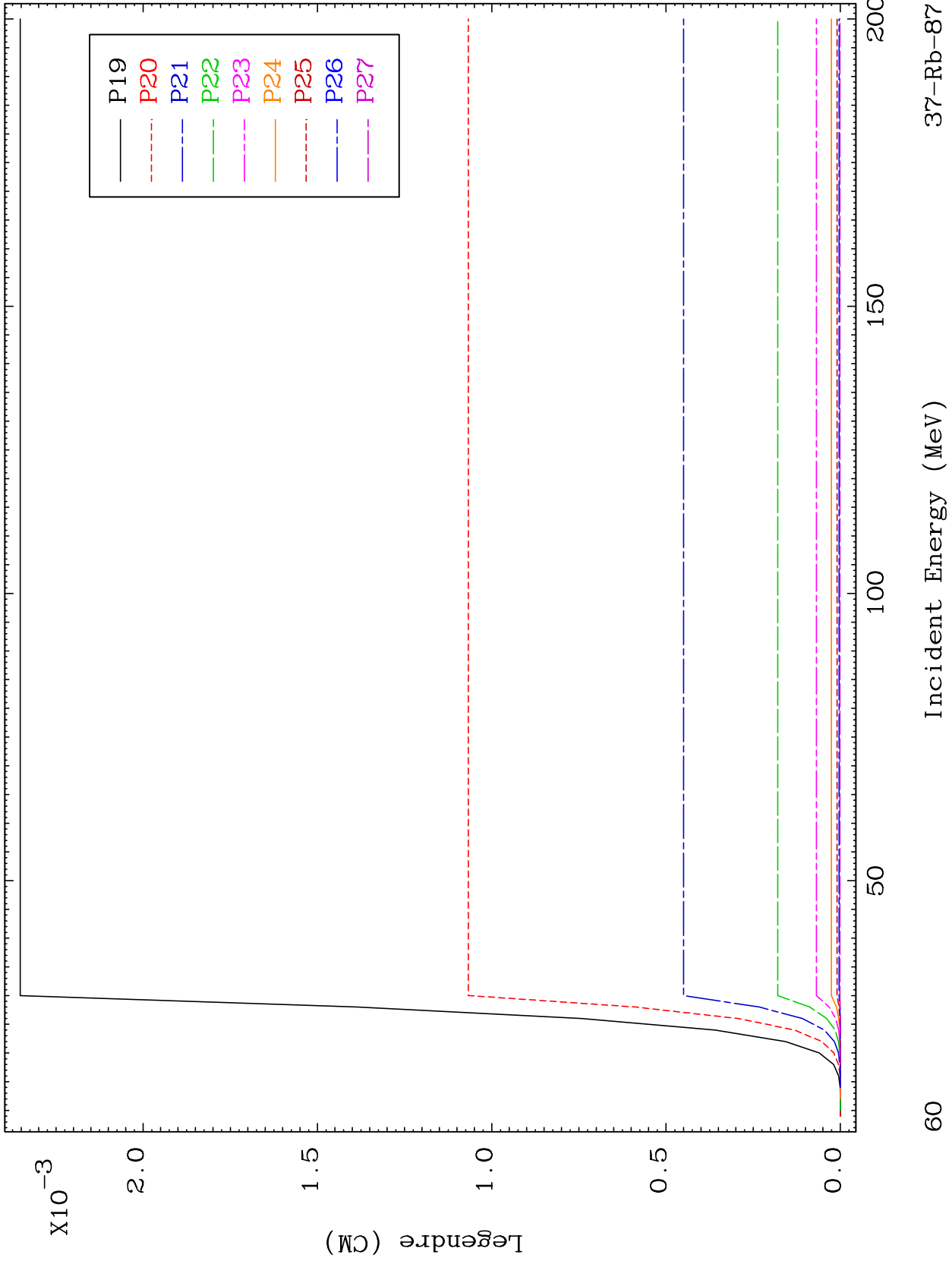
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



60

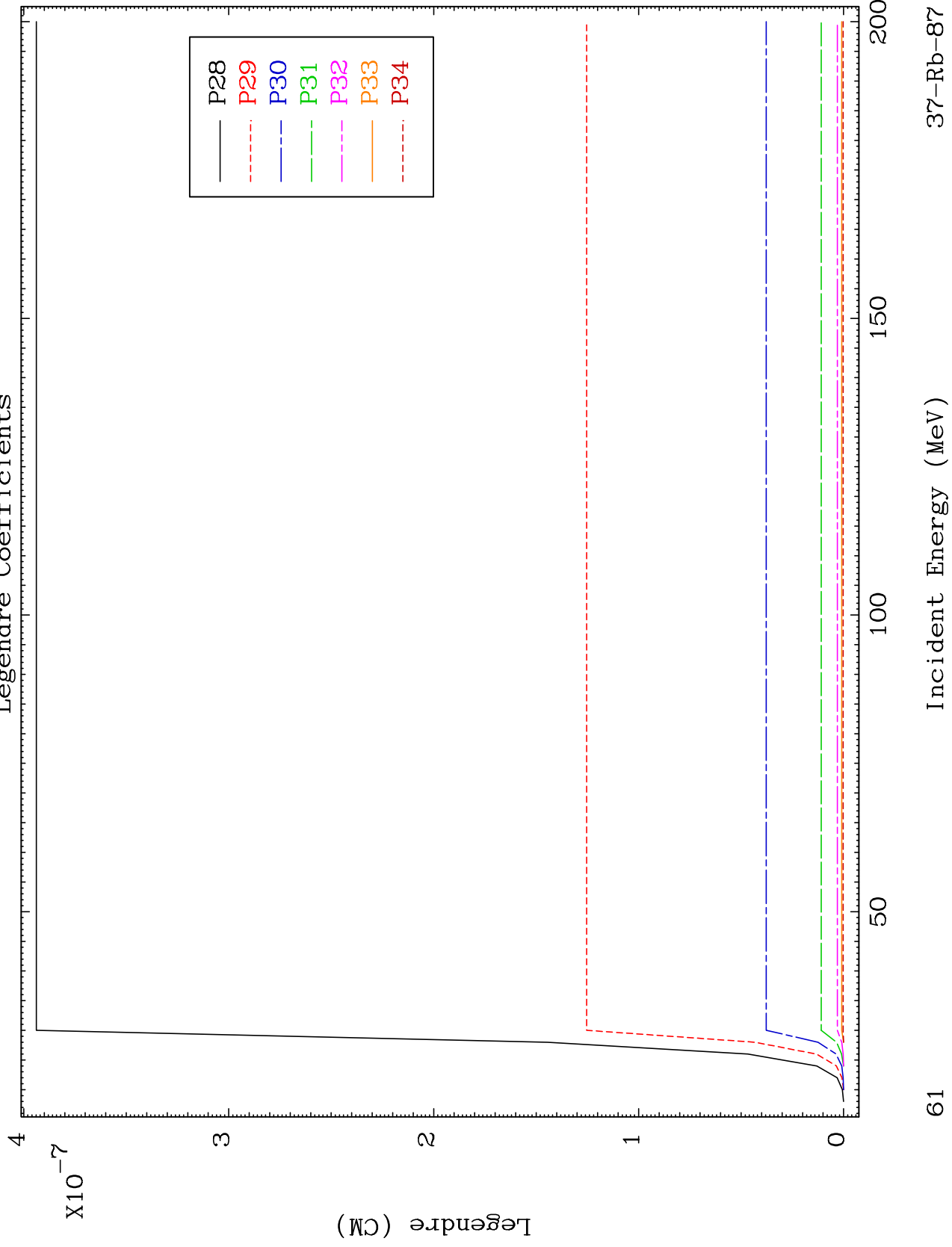
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

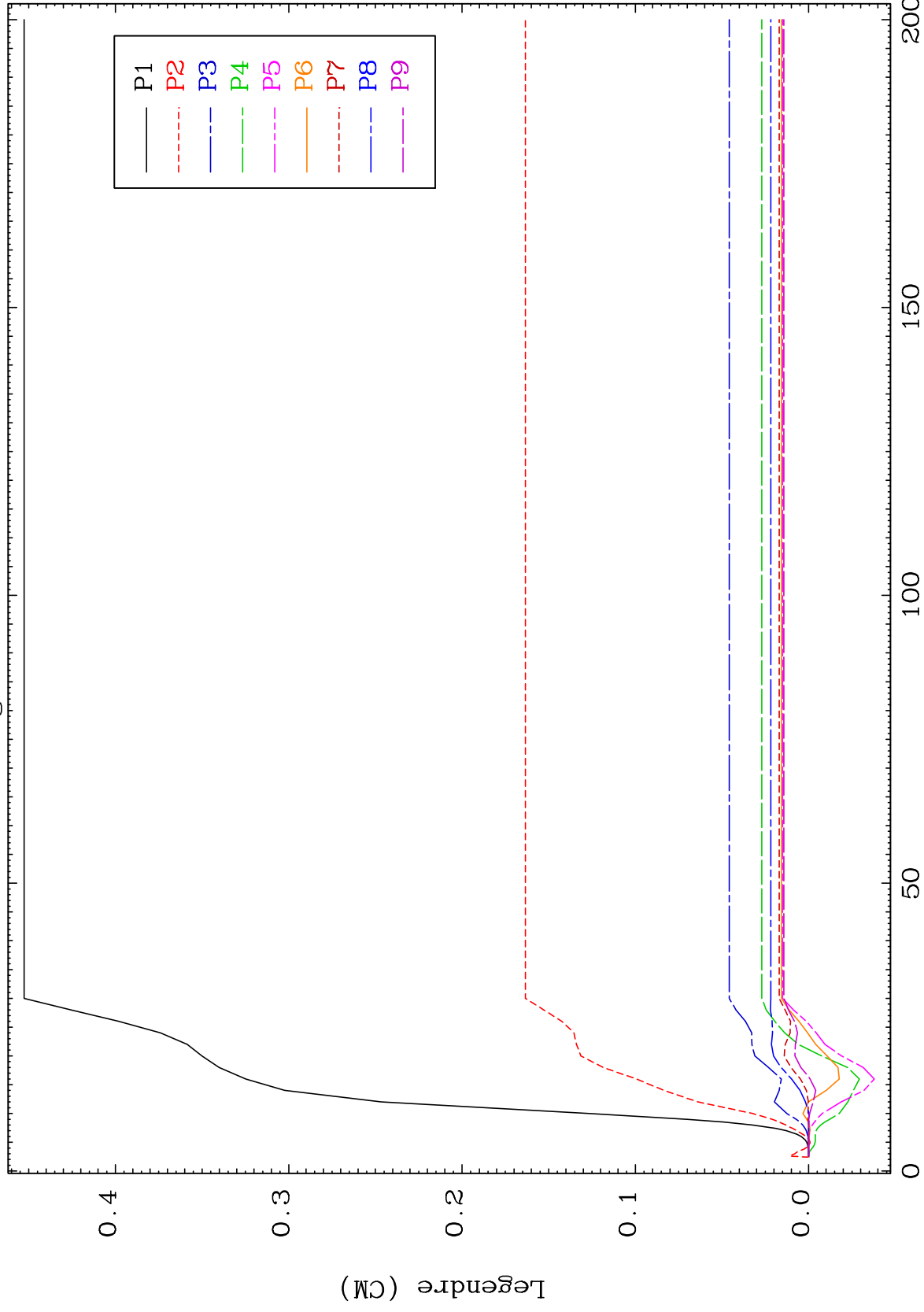
37-Rb-87



MAT 3731

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

37-Rb-87



62

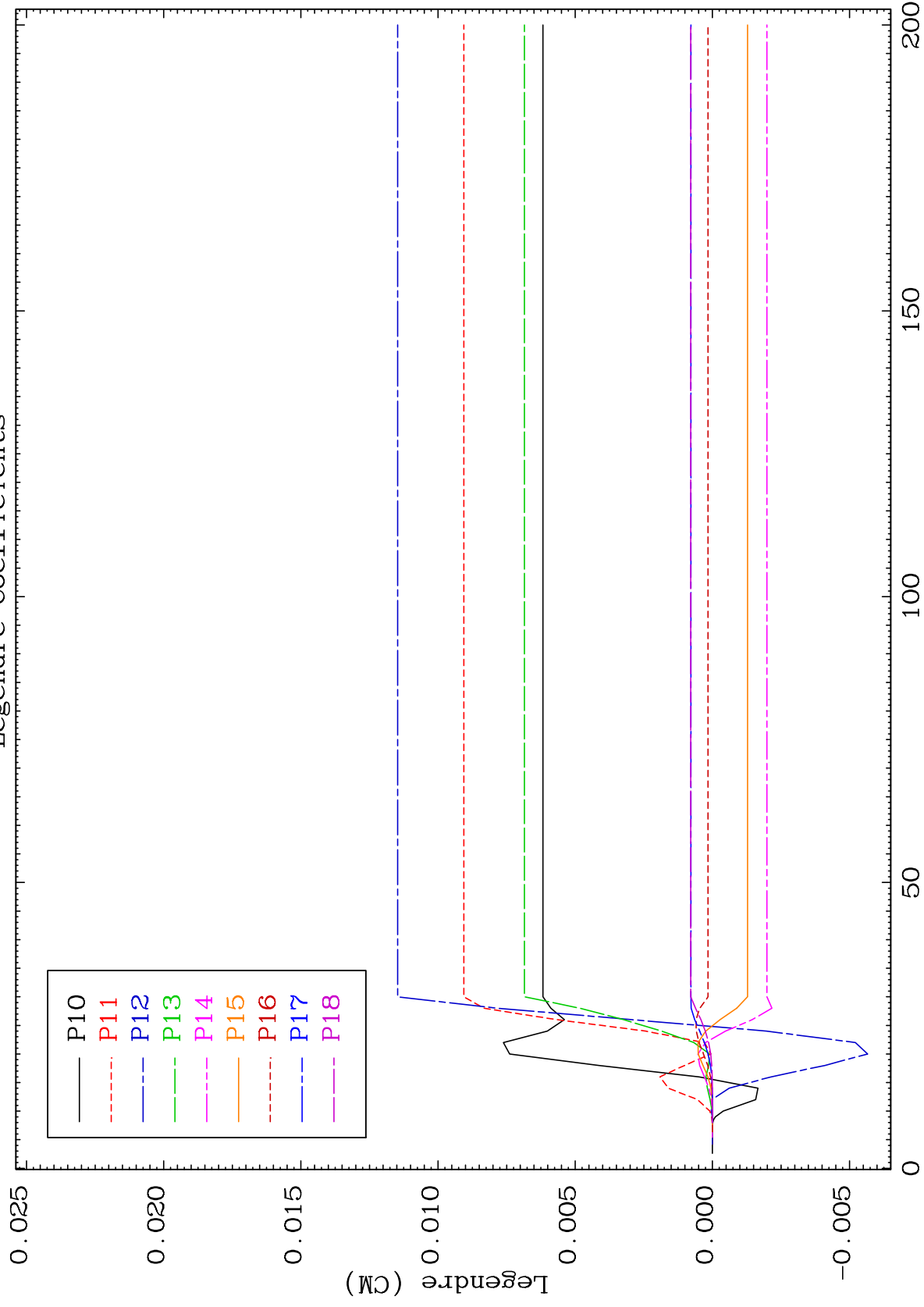
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



63

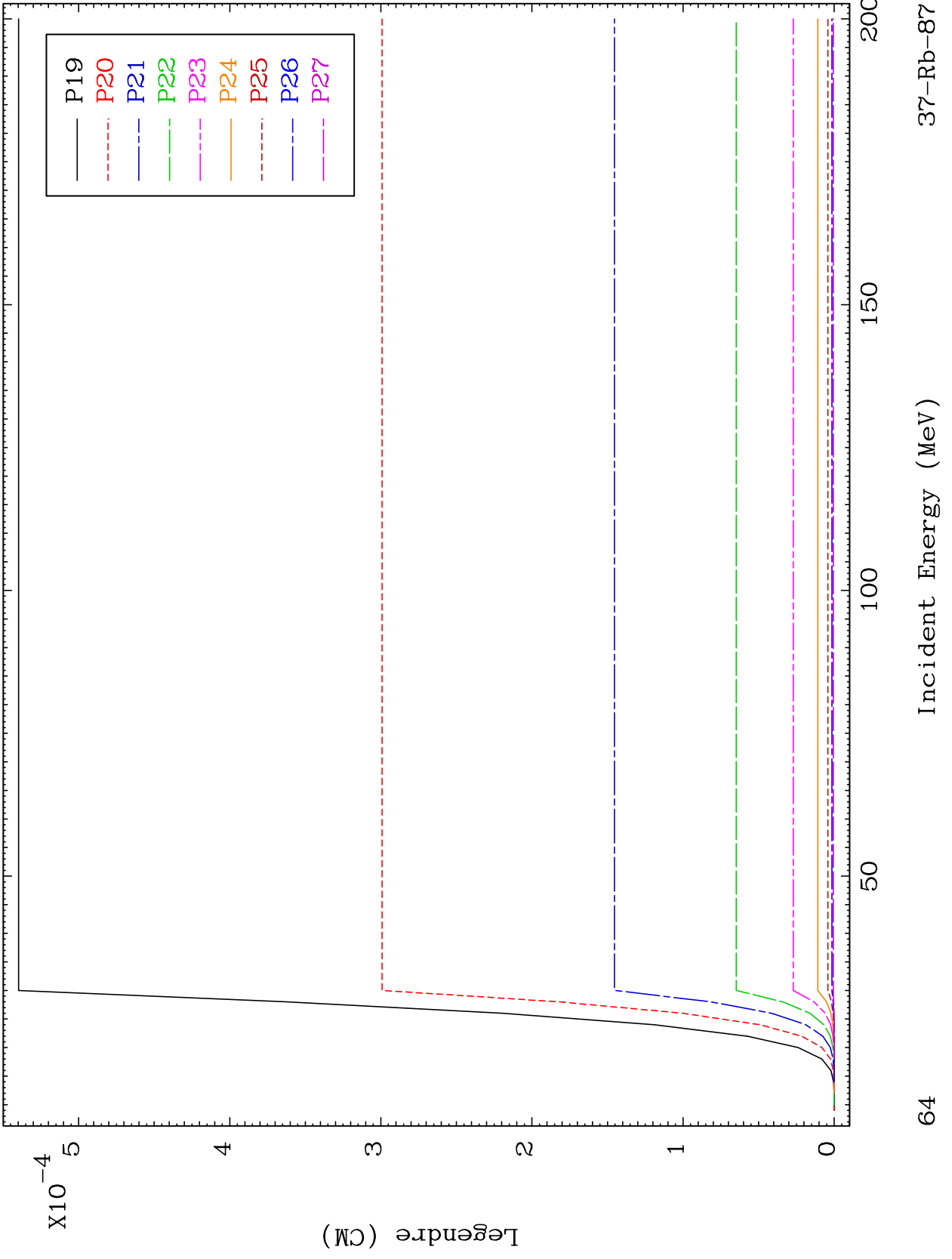
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

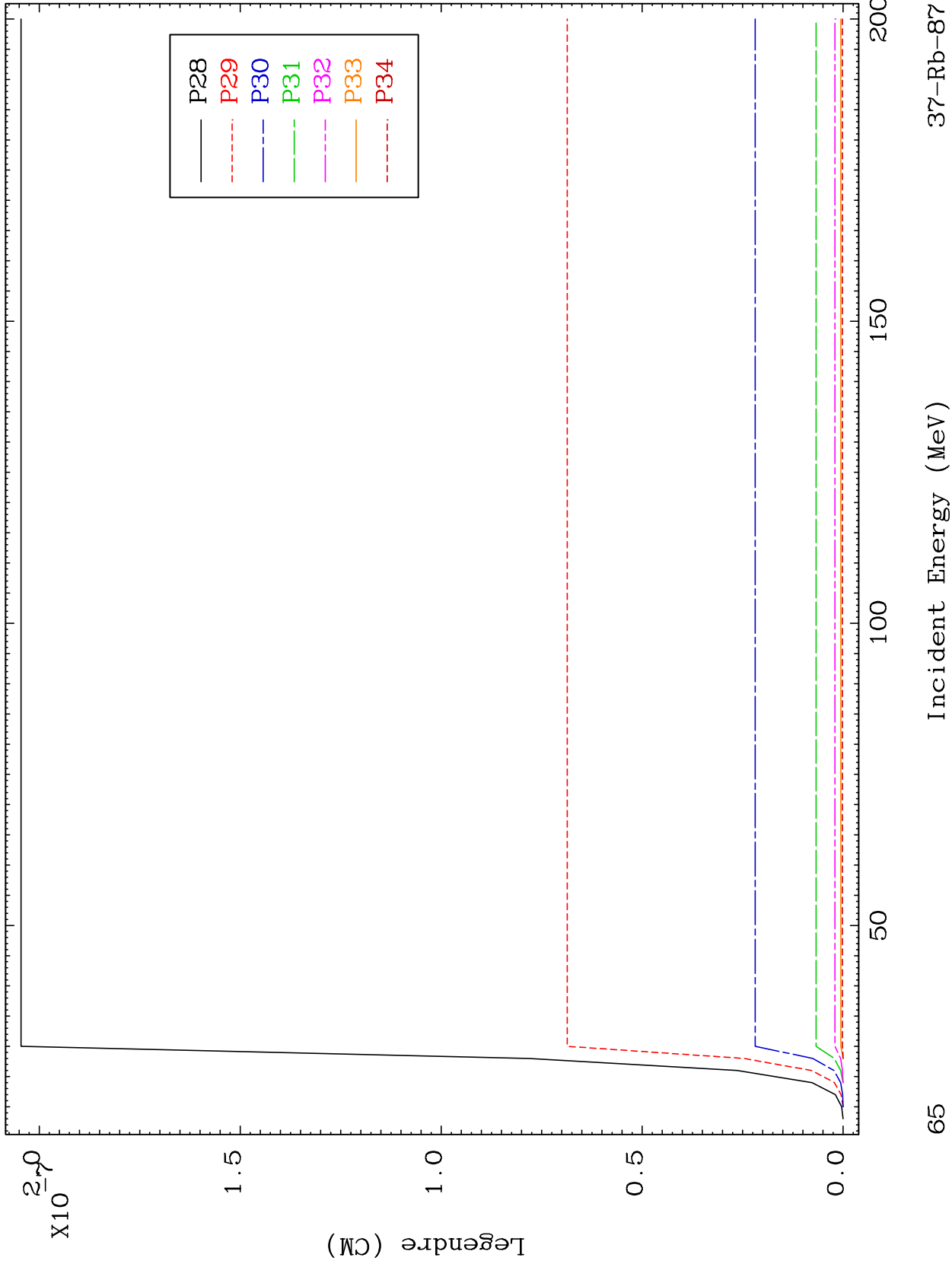
37-Rb-87



MAT 3731

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

37-Rb-87



65

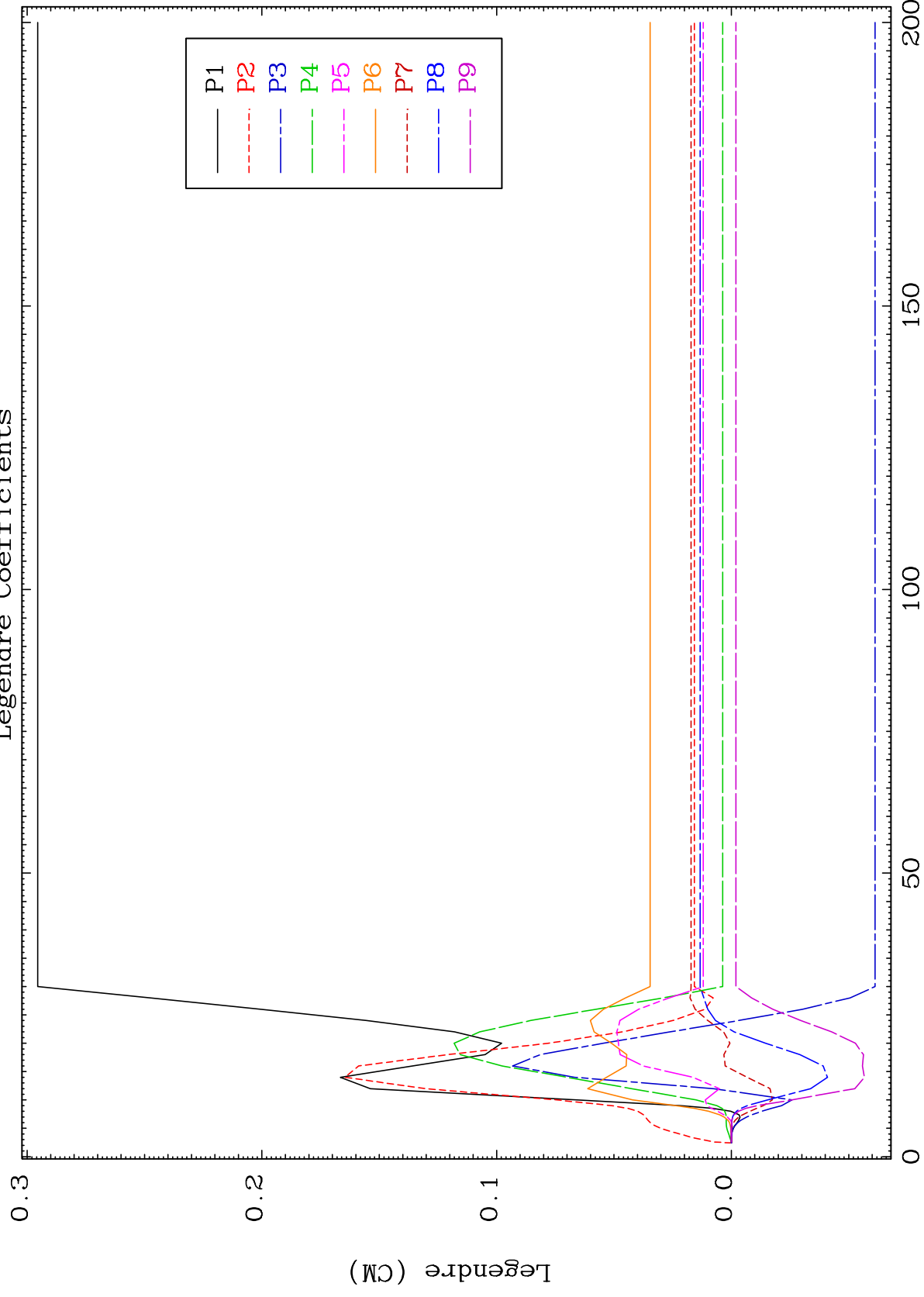
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



66

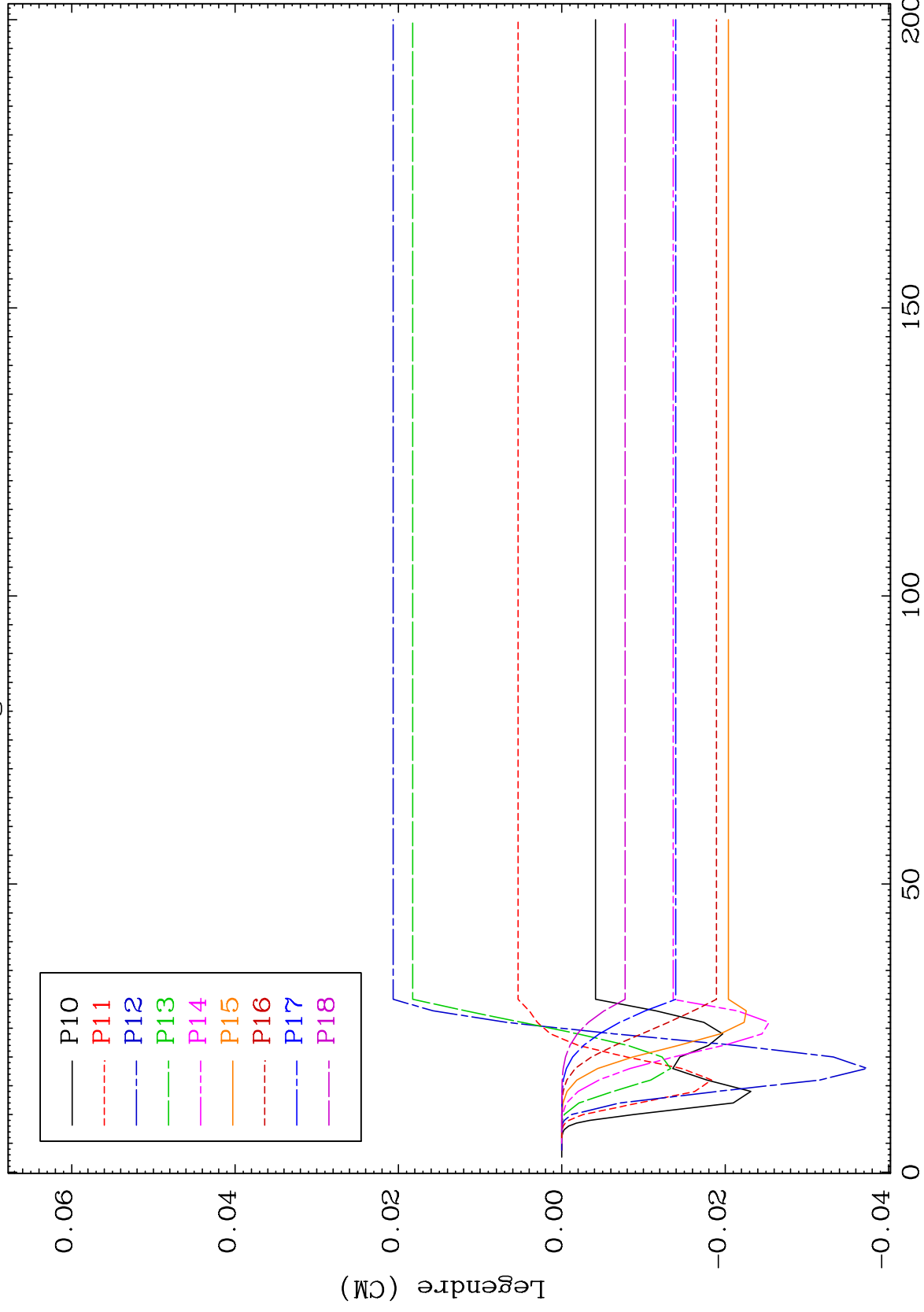
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



67

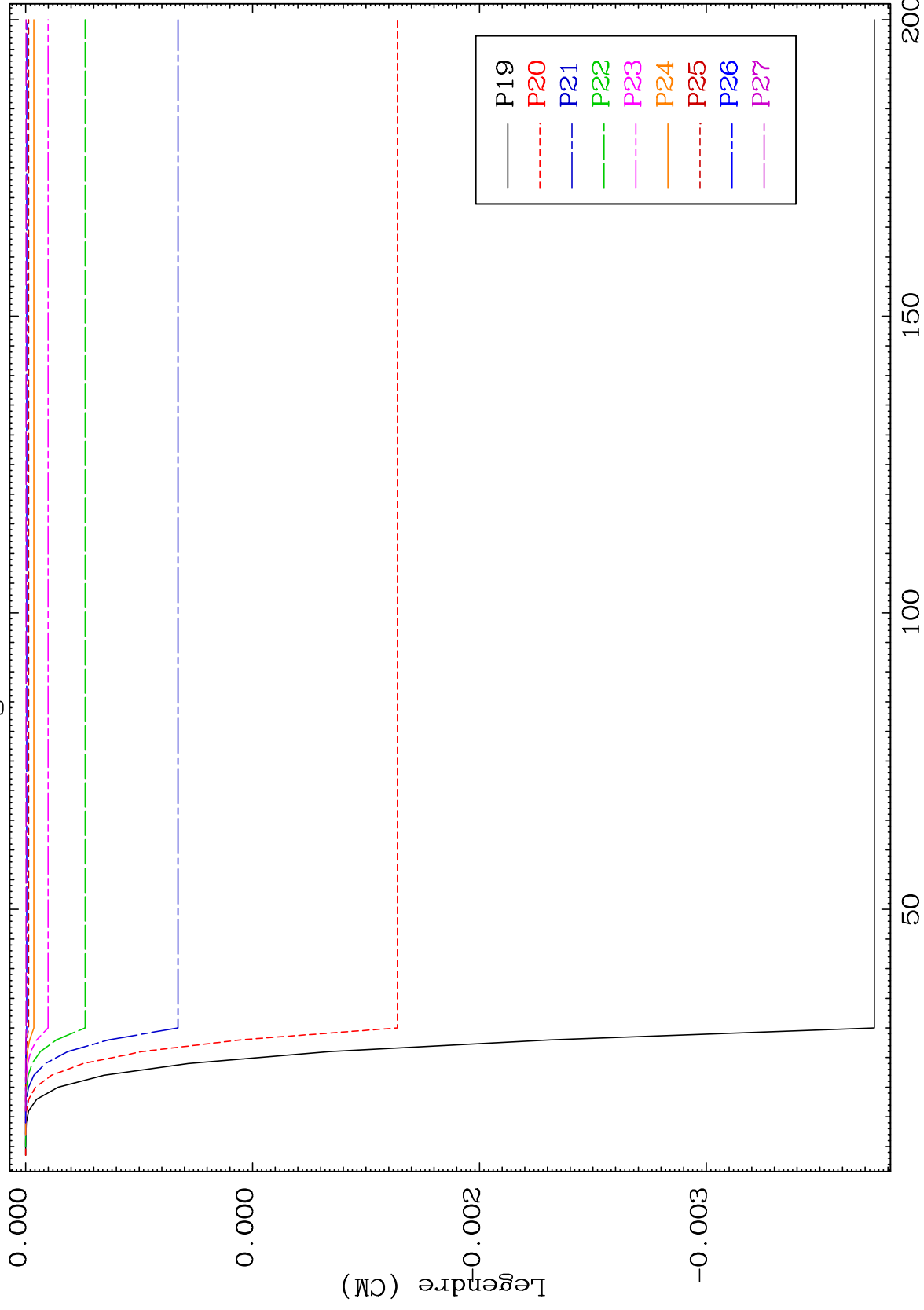
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

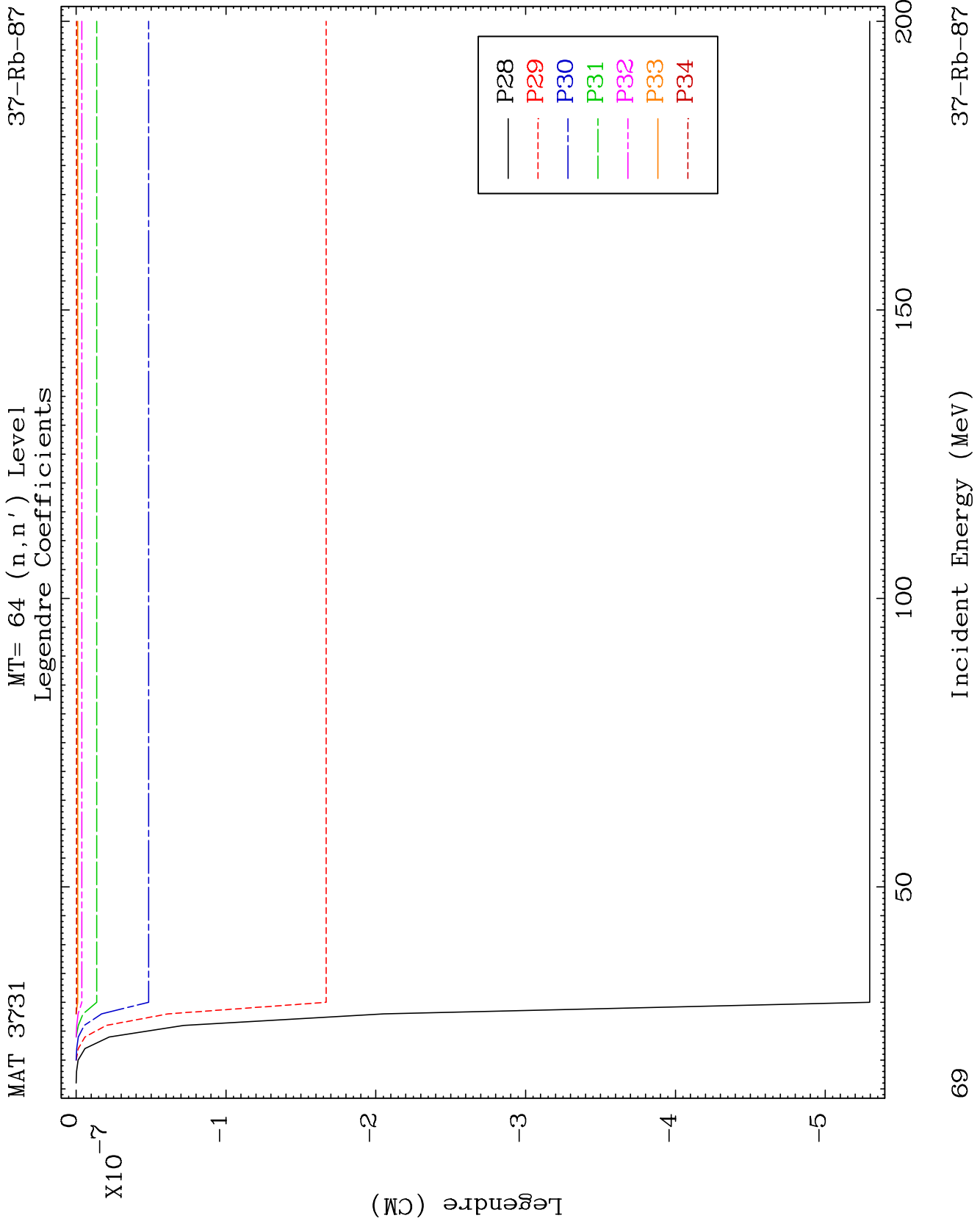
37-Rb-87



68

Incident Energy (MeV)

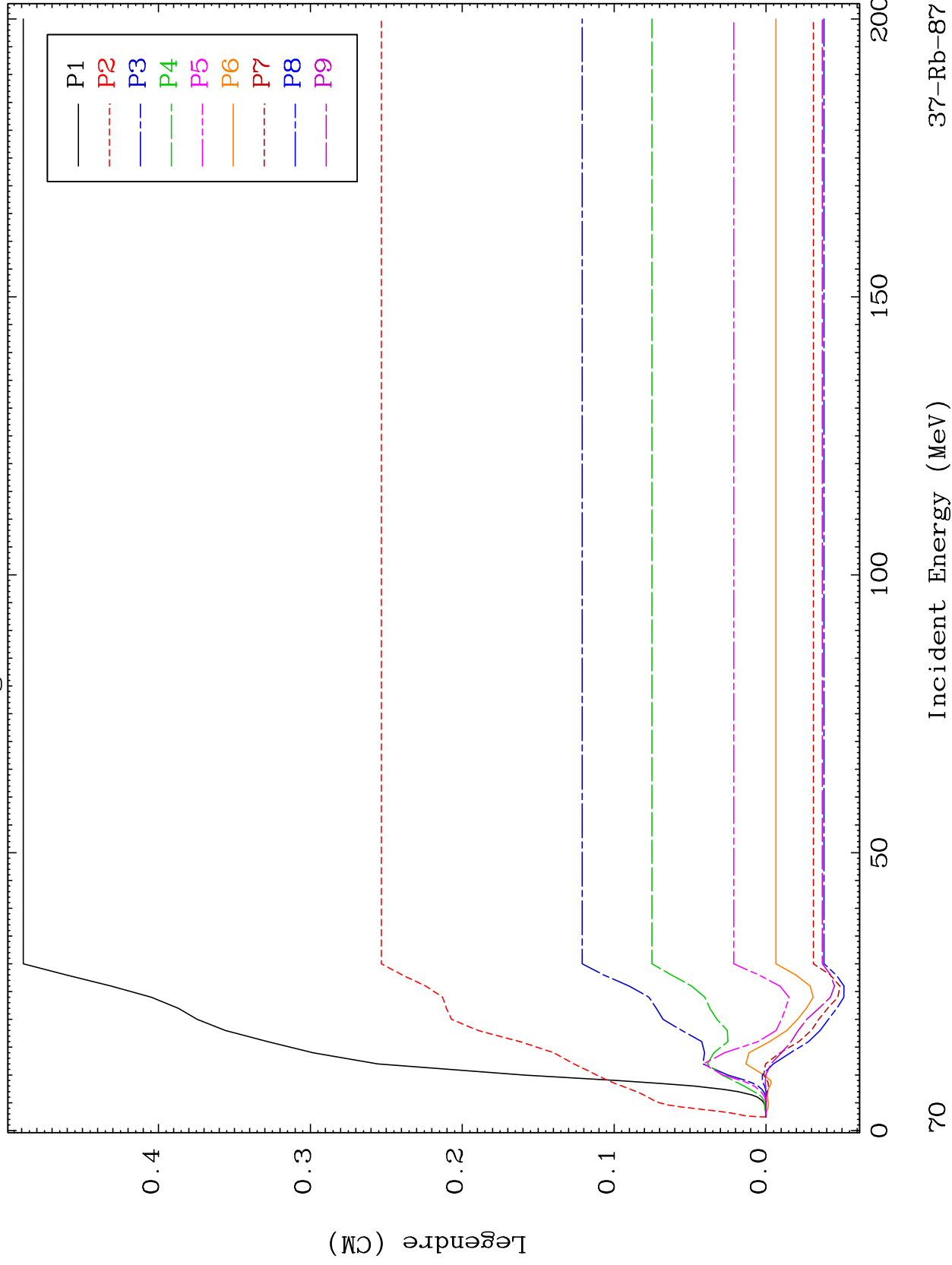
37-Rb-87



MAT 3731

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

37-Rb-87



37-Rb-87

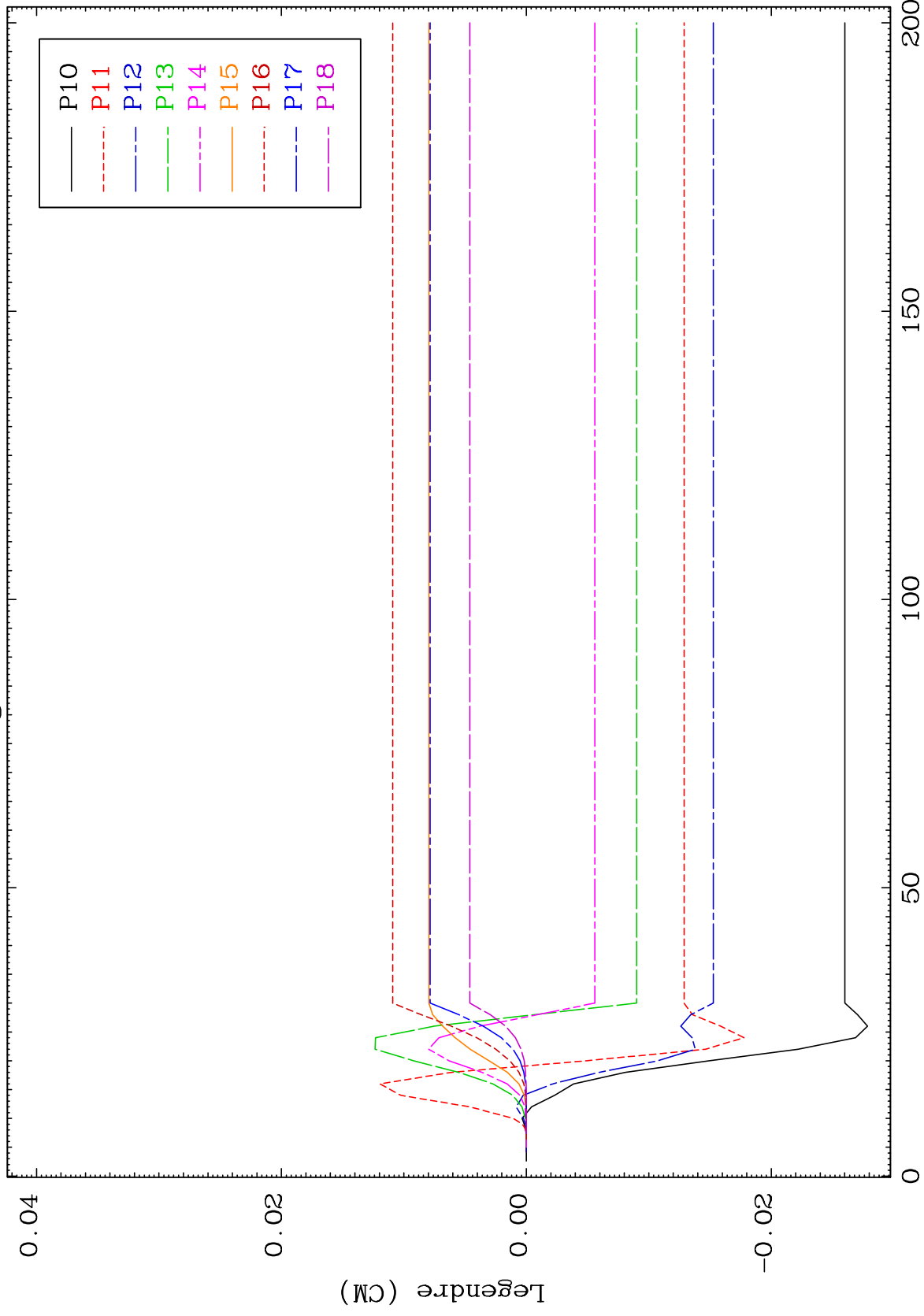
Incident Energy (MeV)

70

MAT 3731

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

37-Rb-87



71

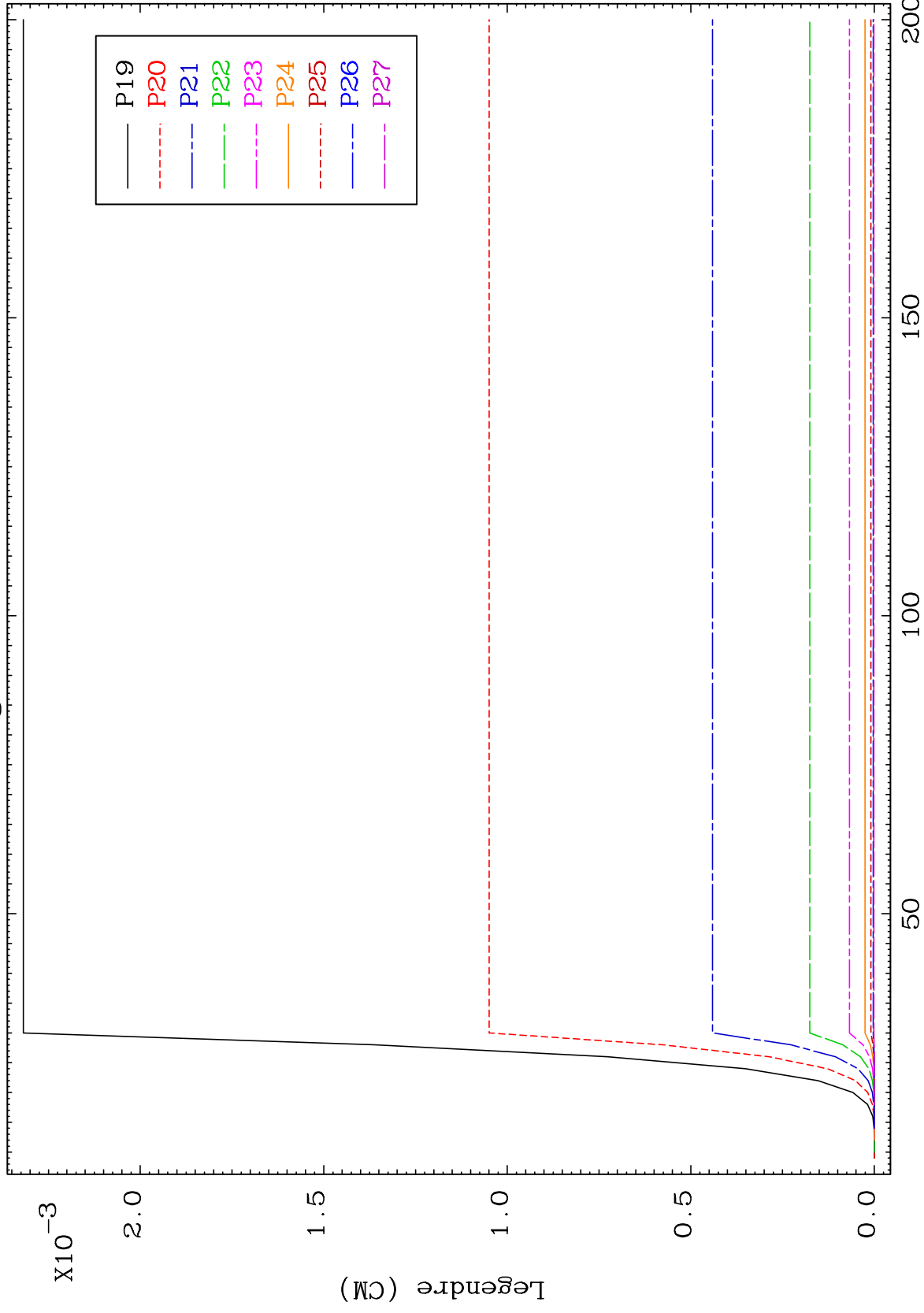
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



72

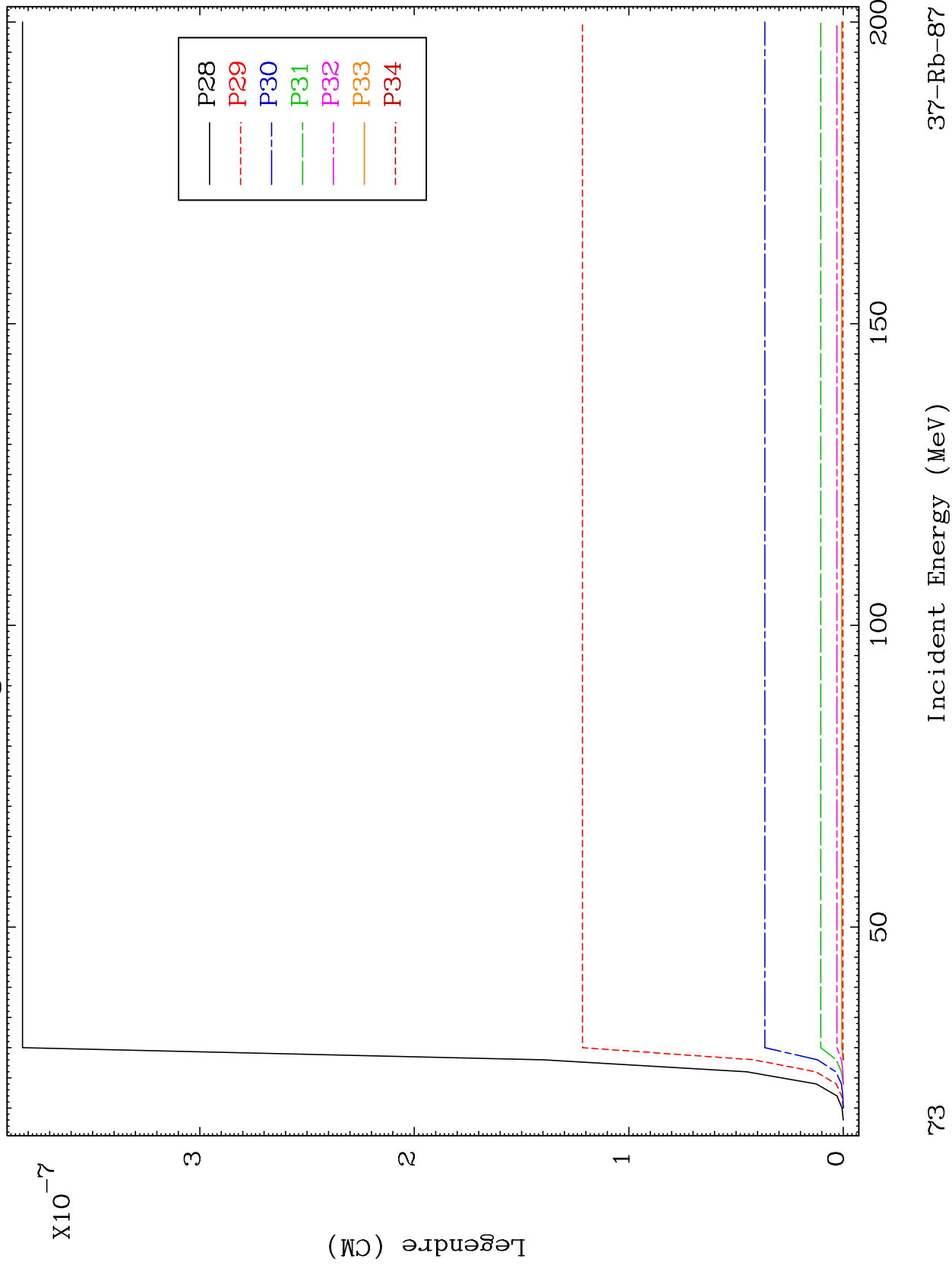
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

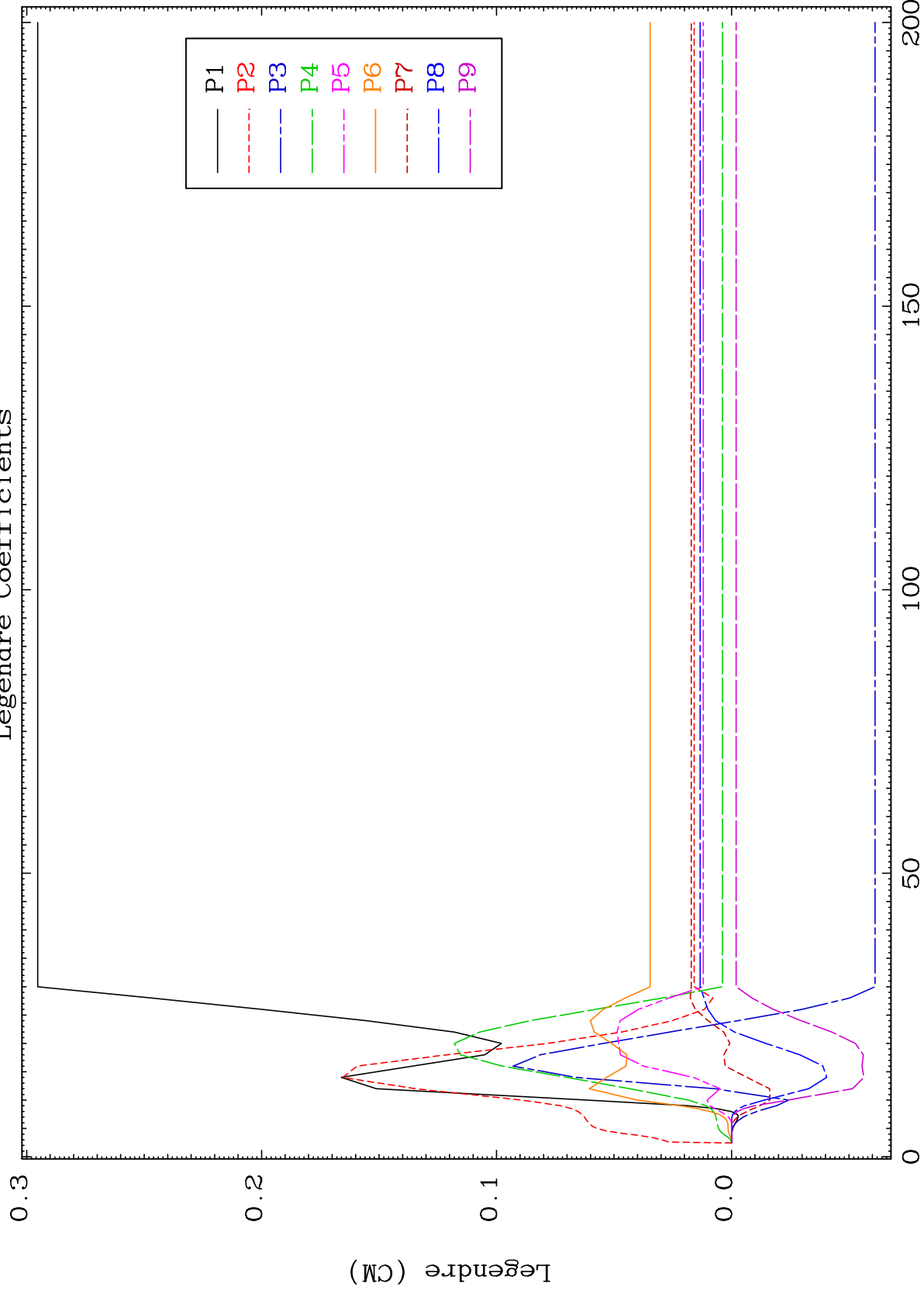
37-Rb-87



MAT 3731

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

37-Rb-87



74

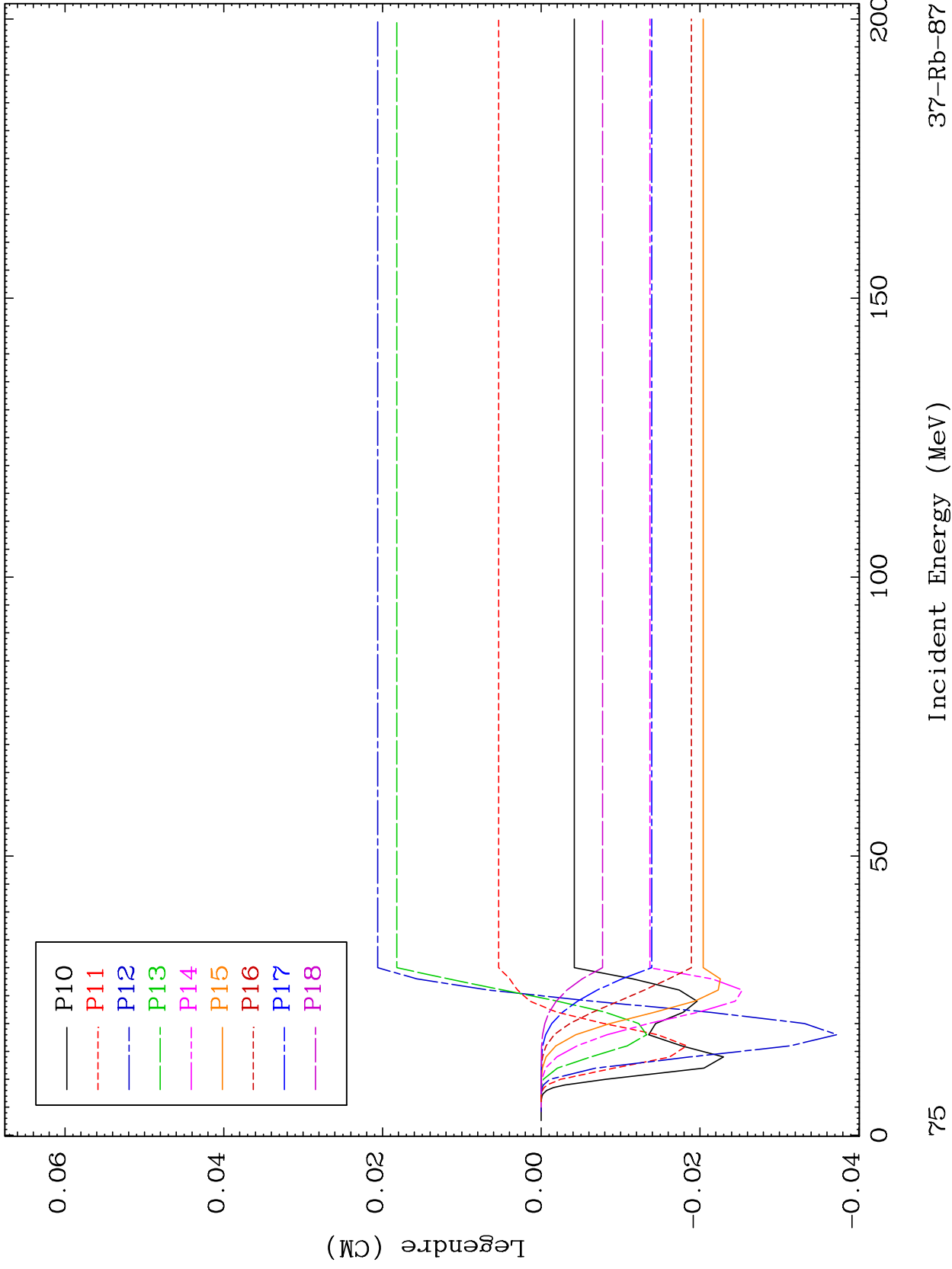
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



75

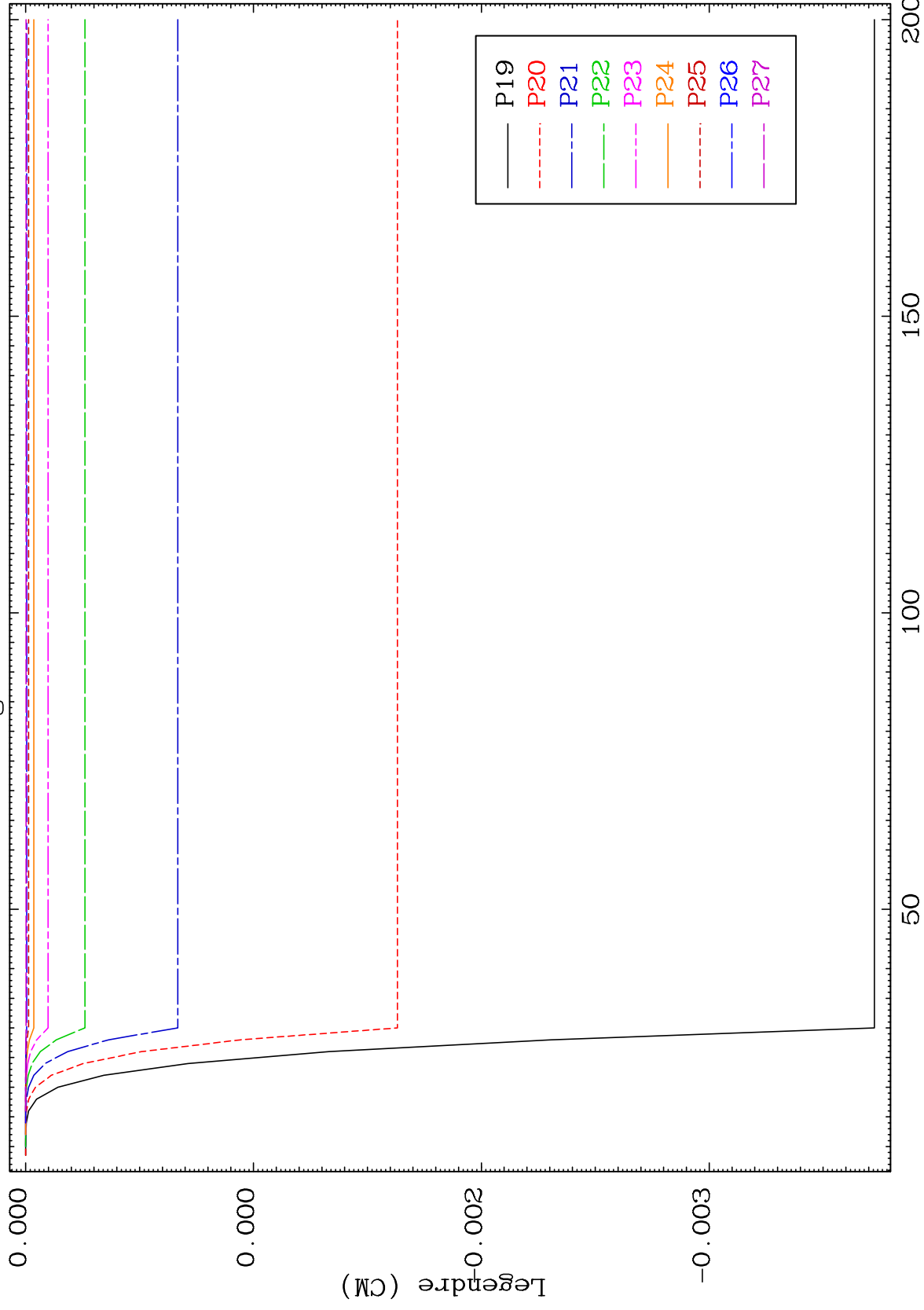
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



76

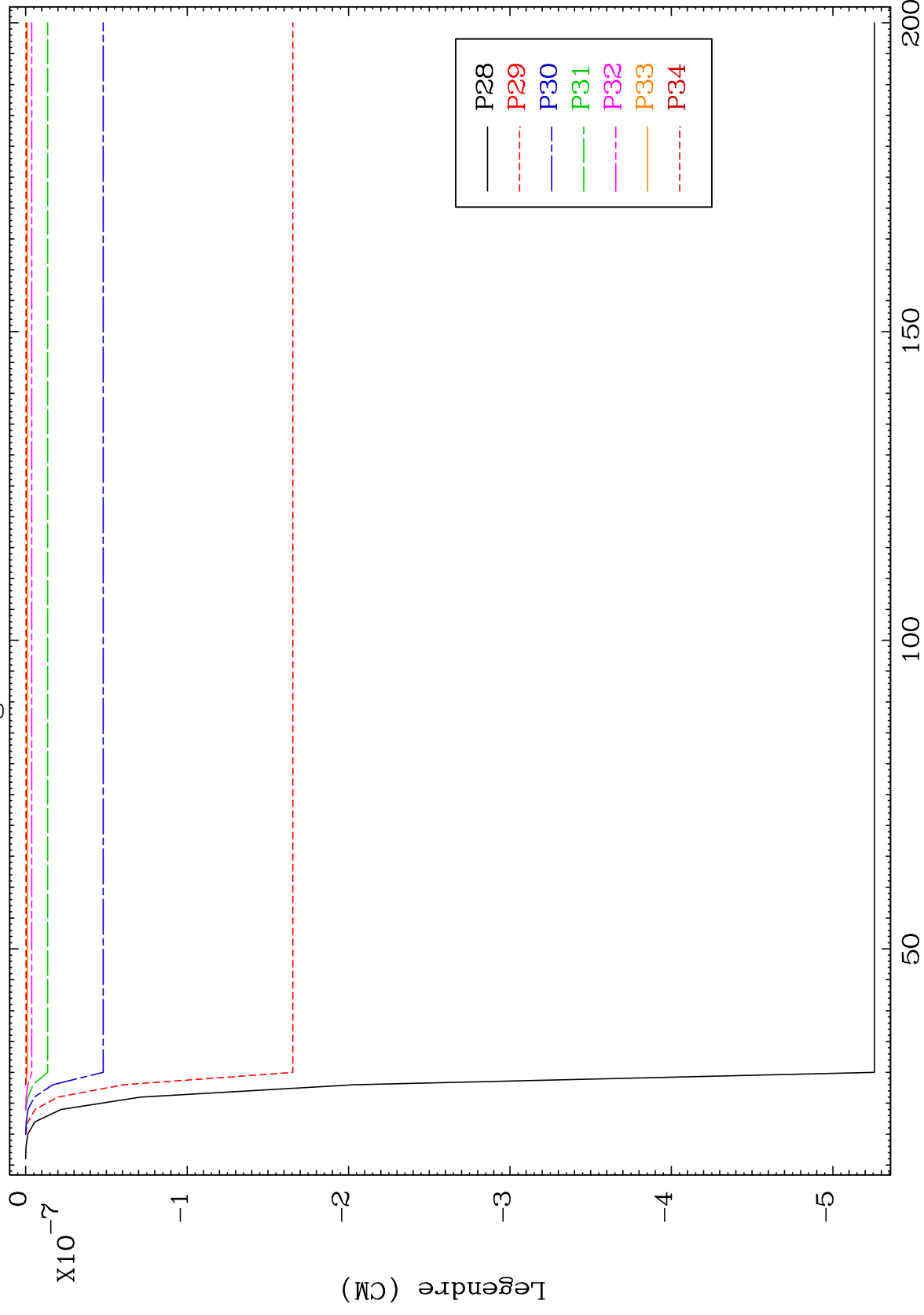
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



37-Rb-87

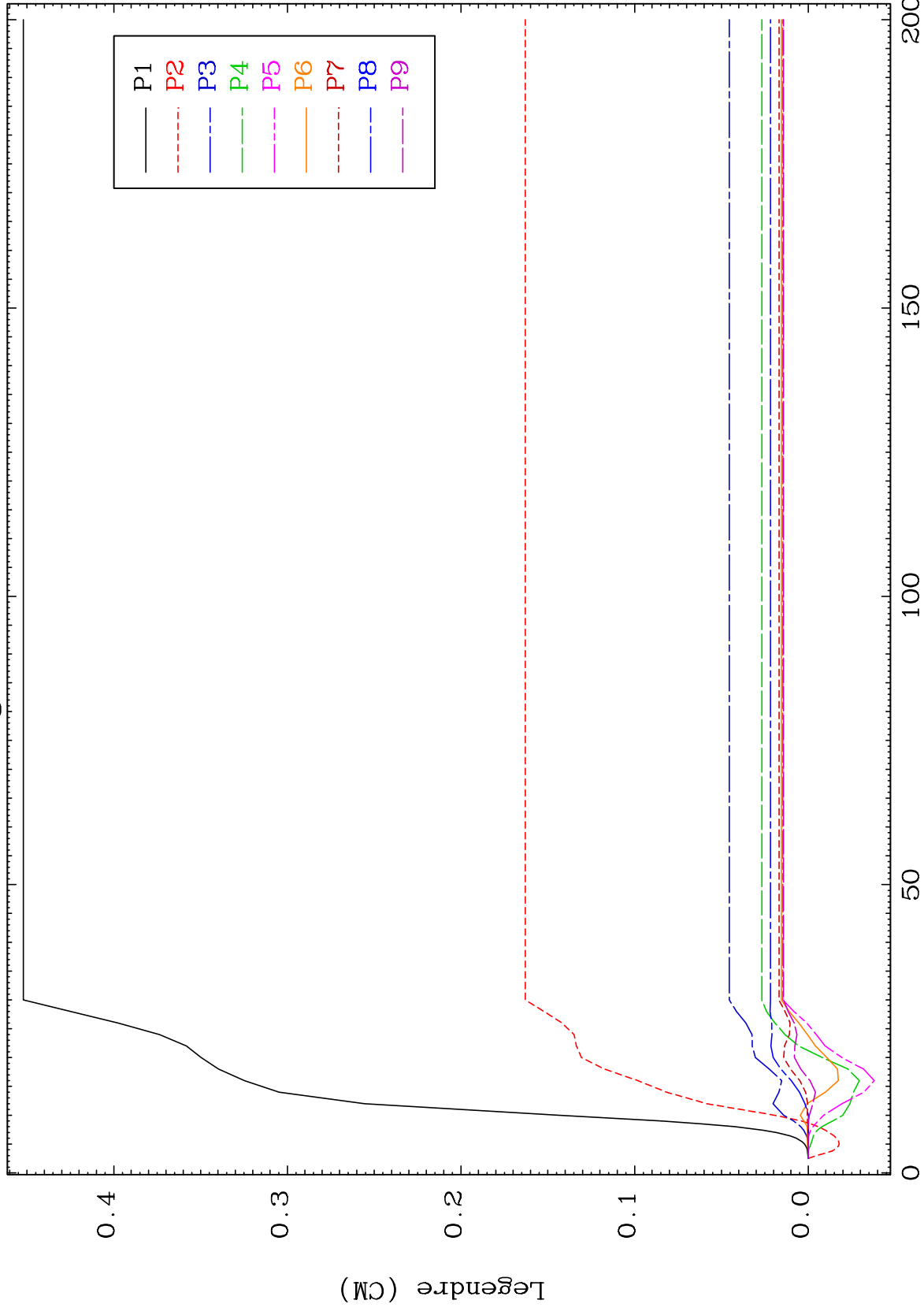
Incident Energy (MeV)

77

MAT 3731

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

37-Rb-87



78

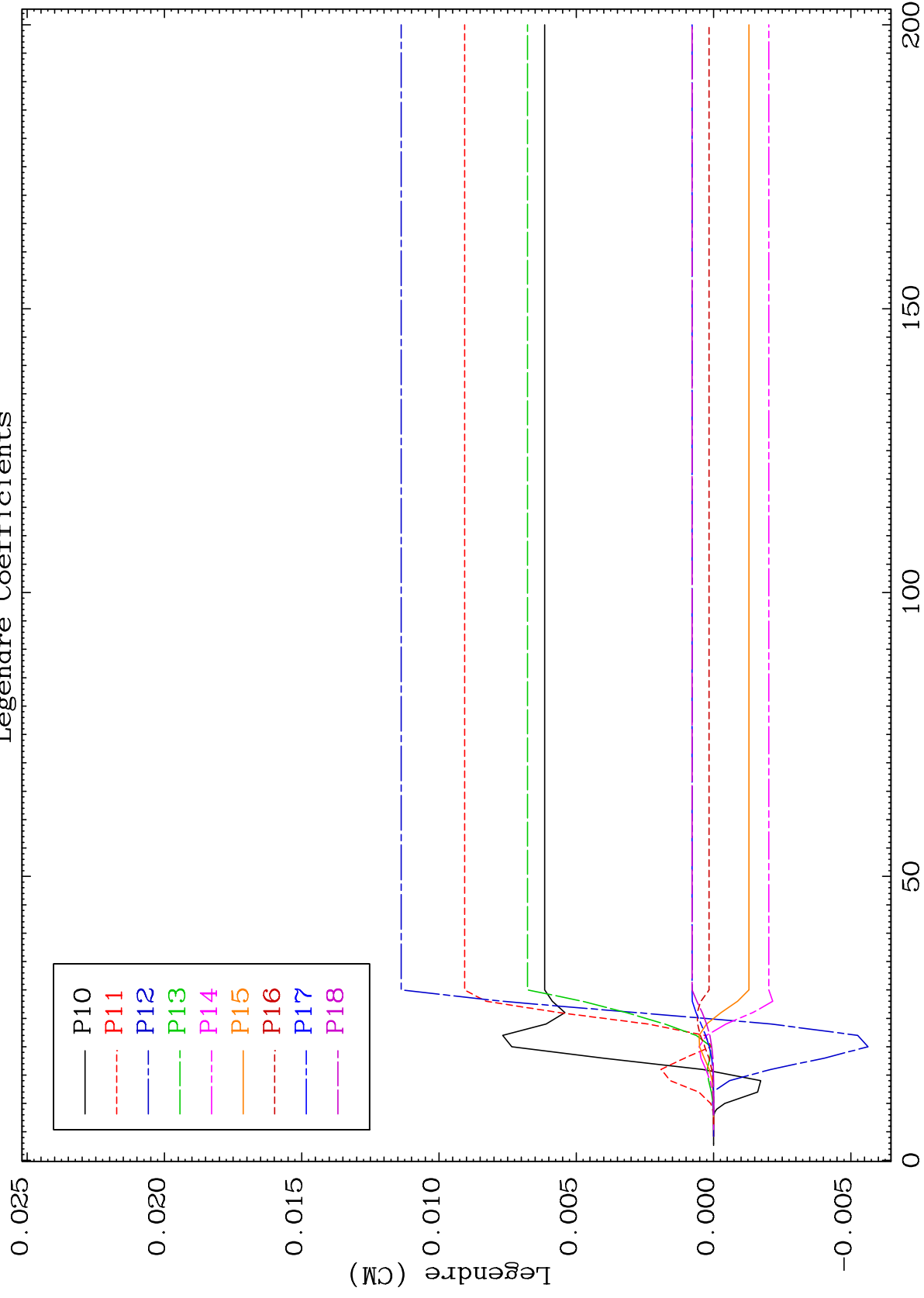
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



79

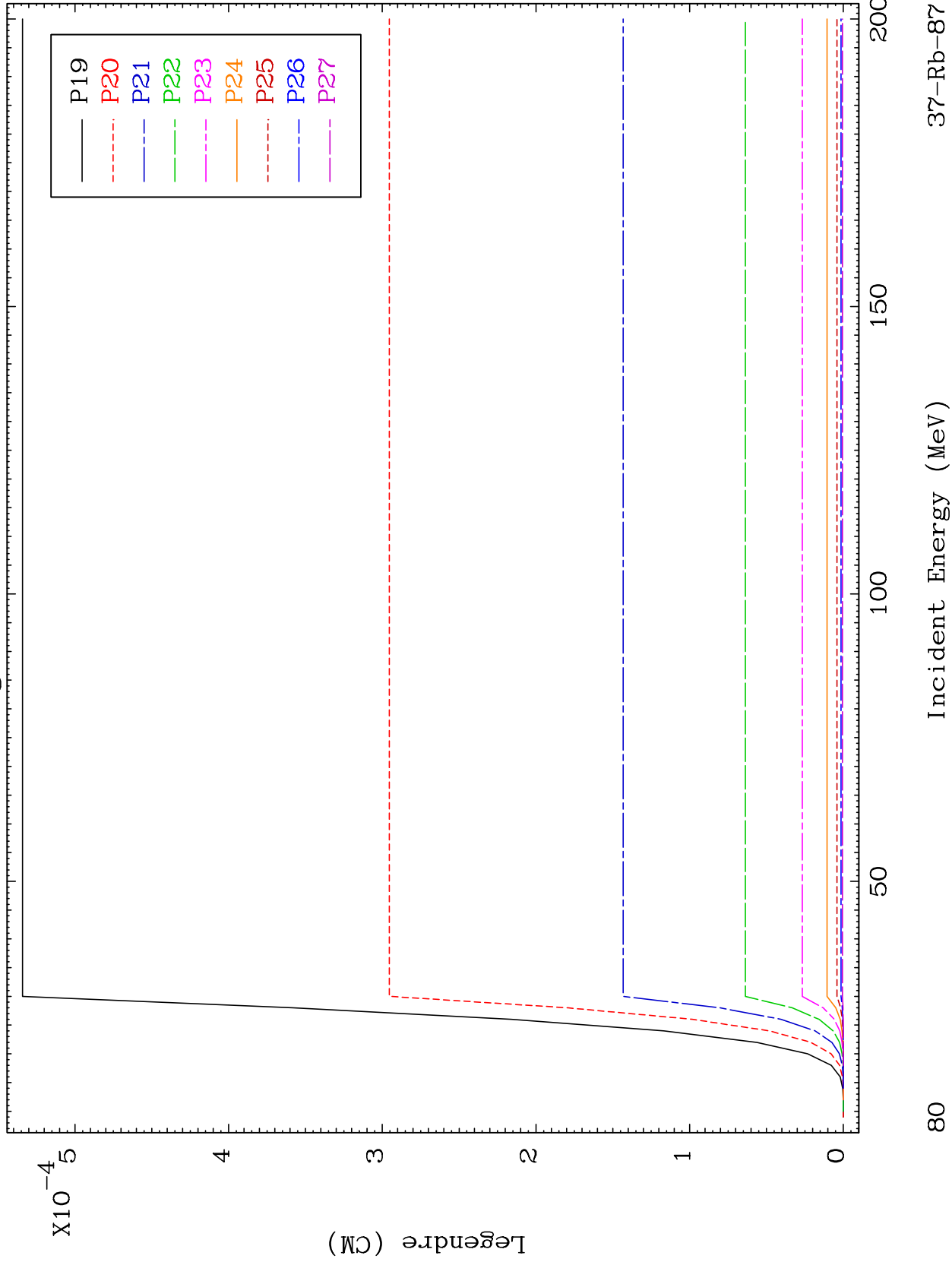
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

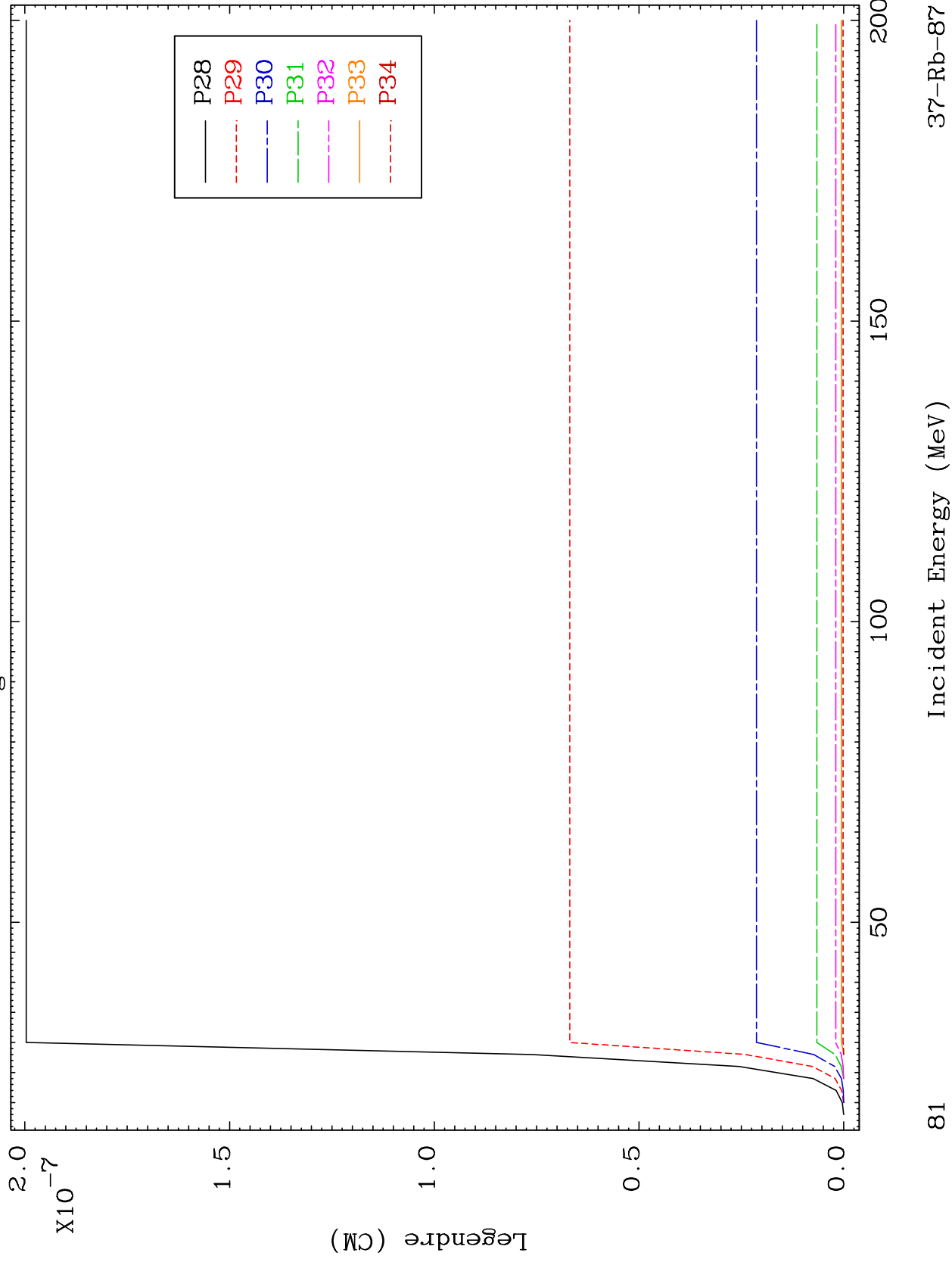
37-Rb-87



MAT 3731

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

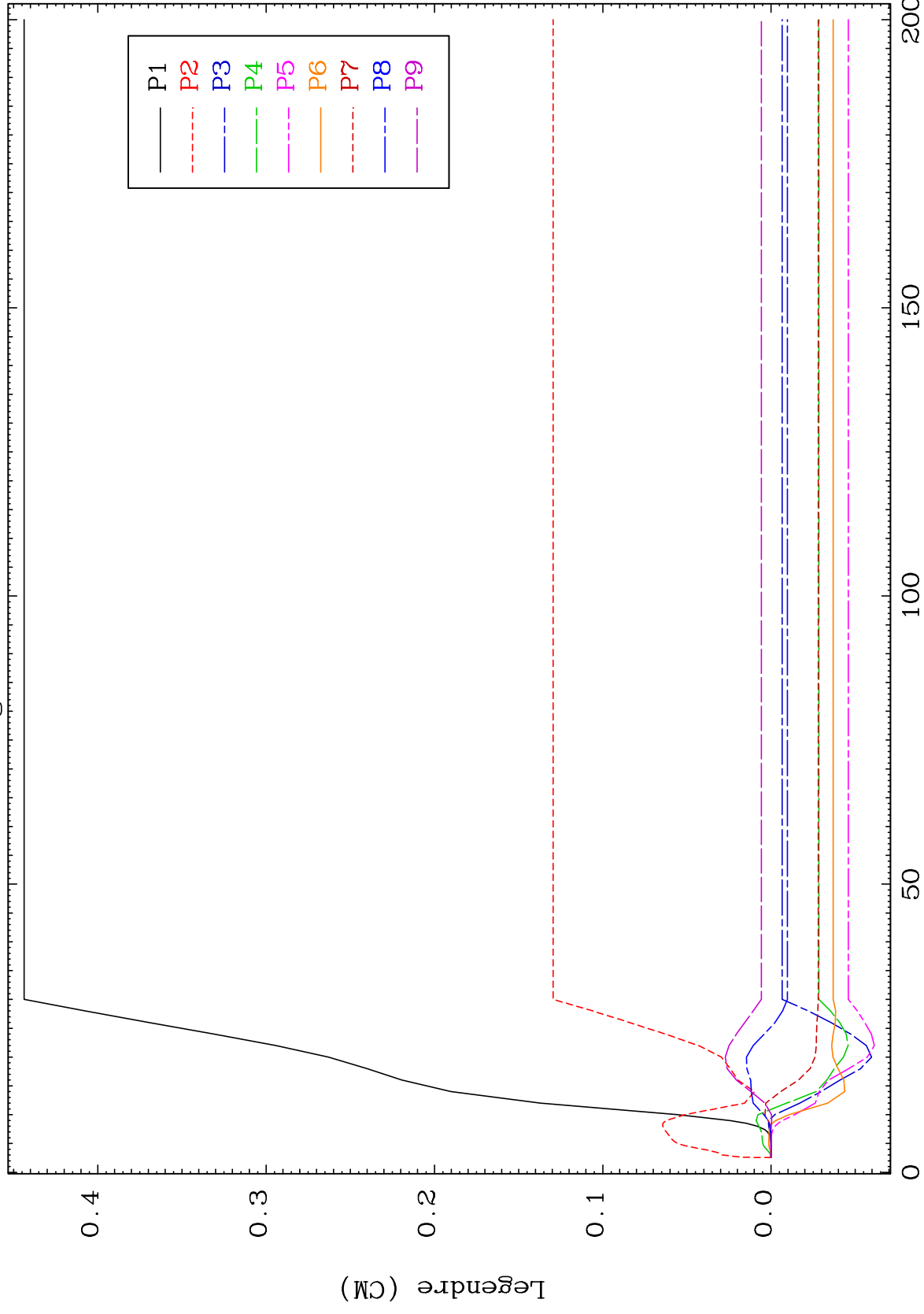
37-Rb-87



MAT 3731

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

37-Rb-87



82

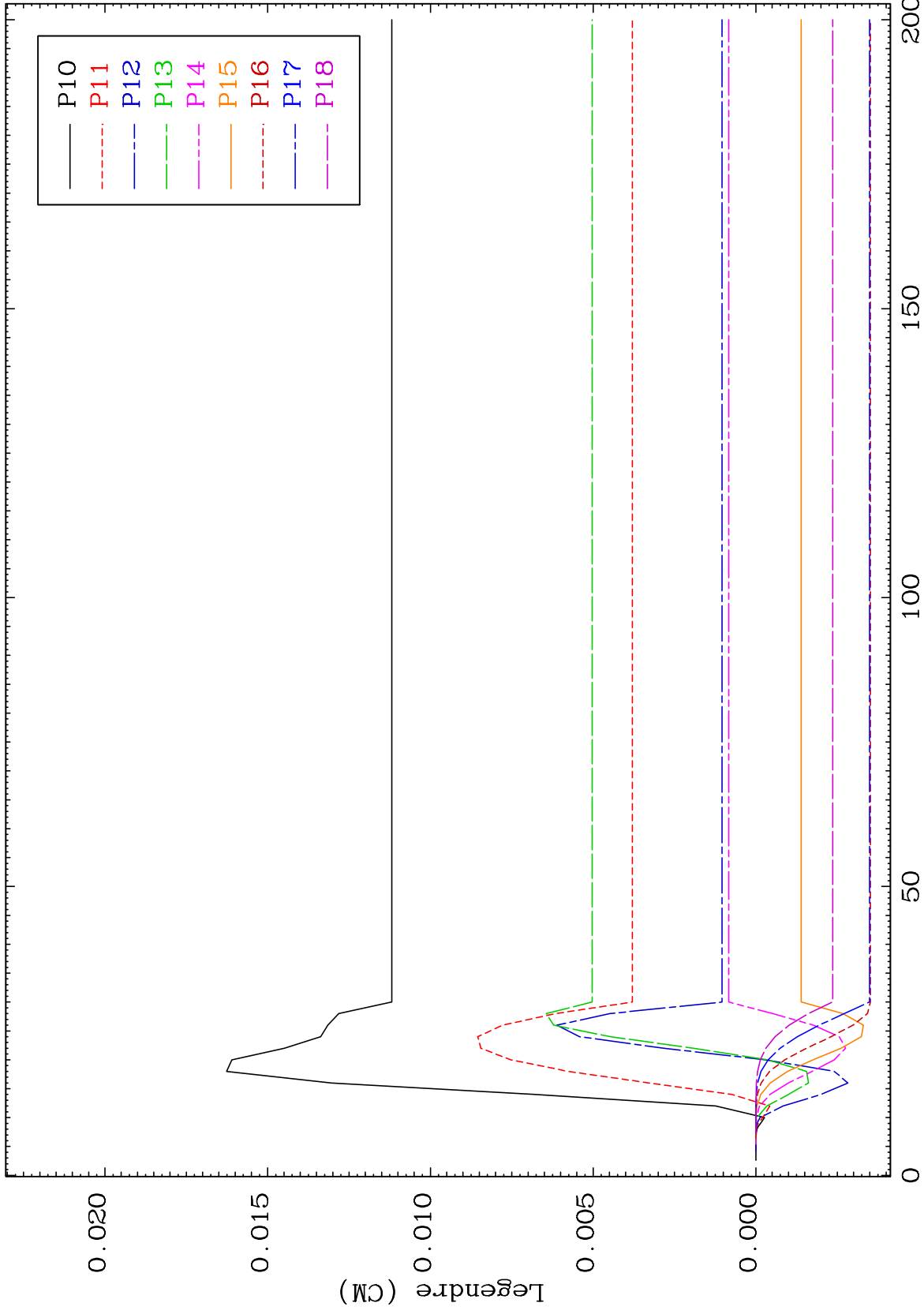
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

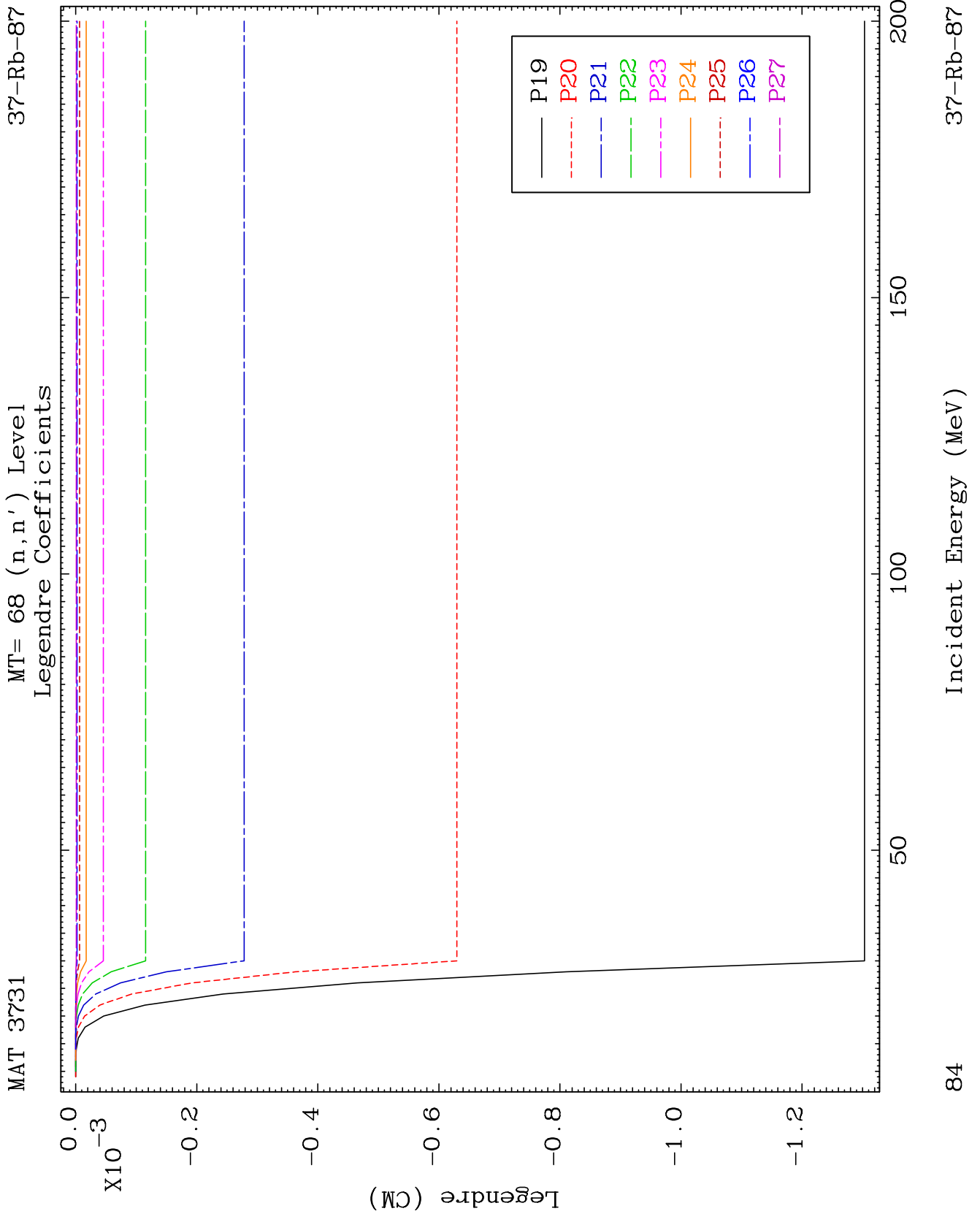
37-Rb-87

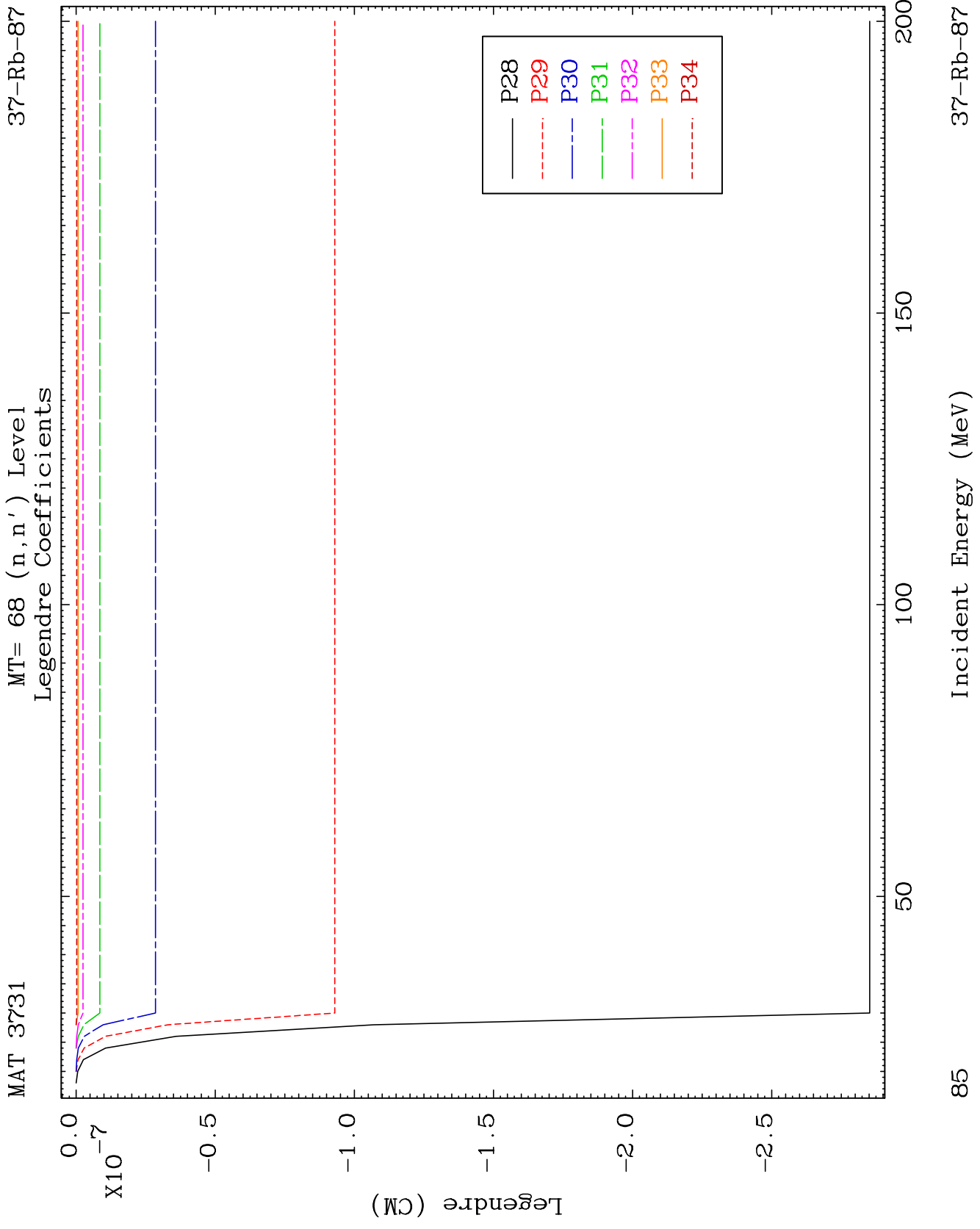


83

Incident Energy (MeV)

37-Rb-87

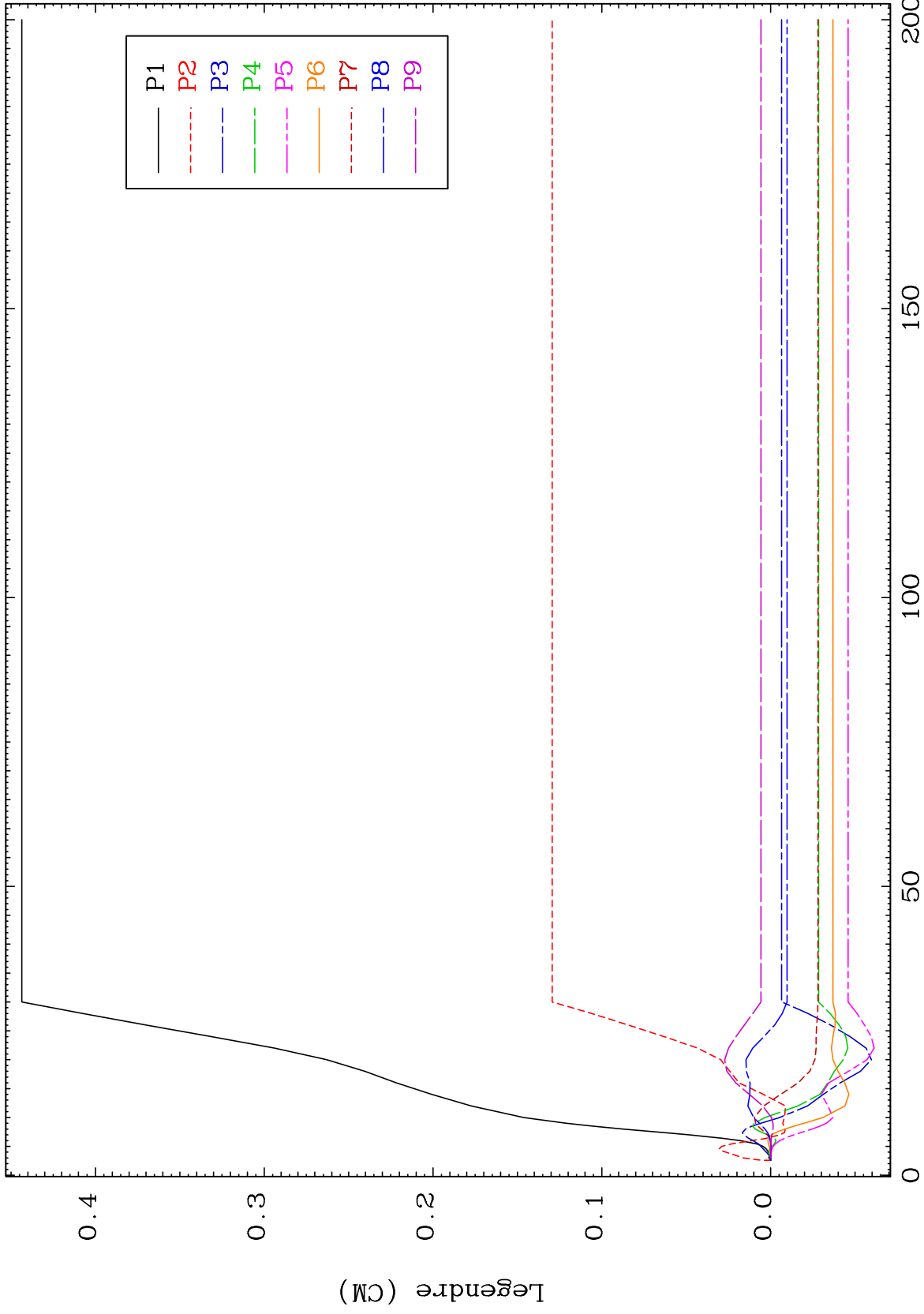




MAT 3731

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

37-Rb-87



86

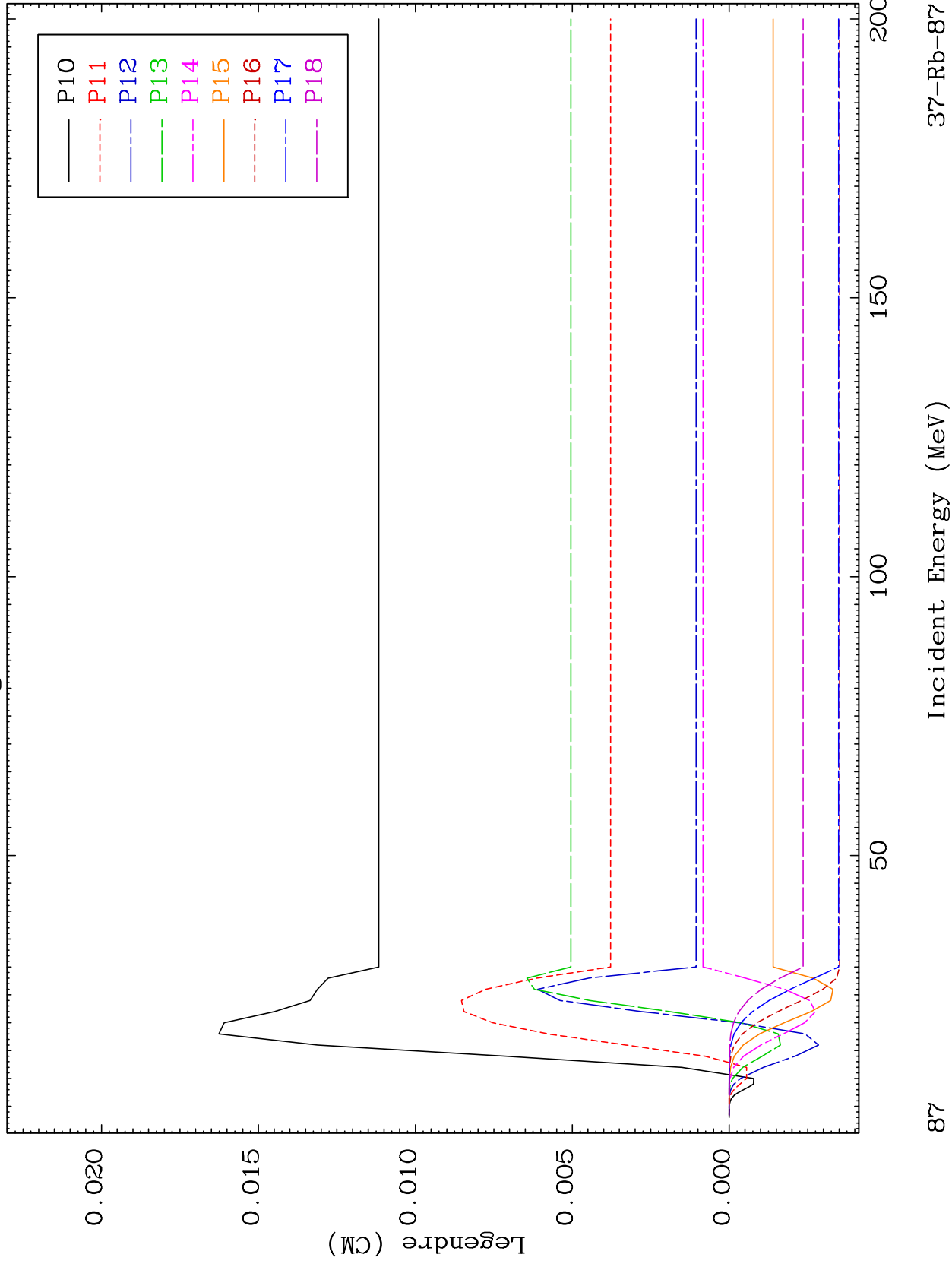
Incident Energy (MeV)

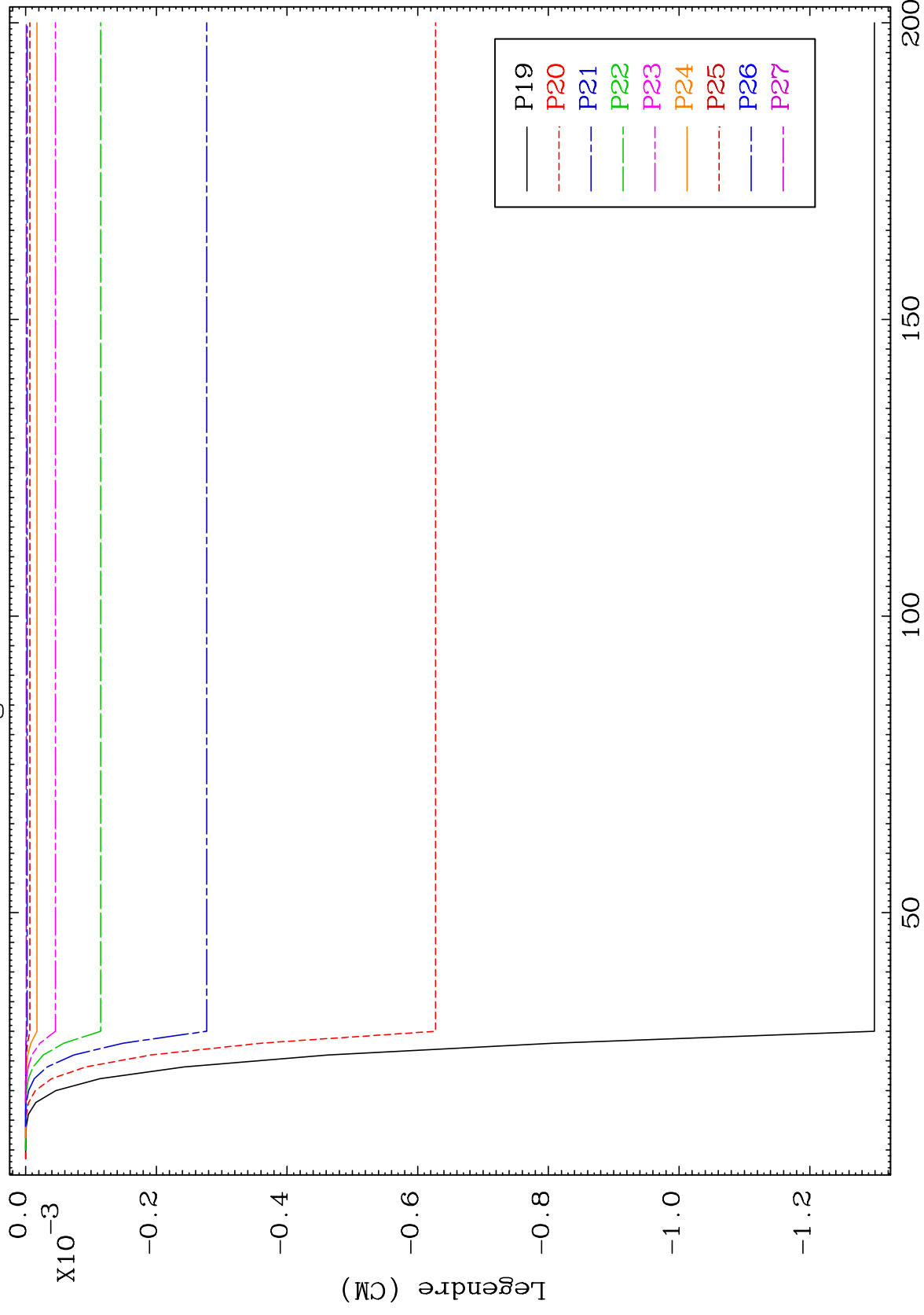
37-Rb-87

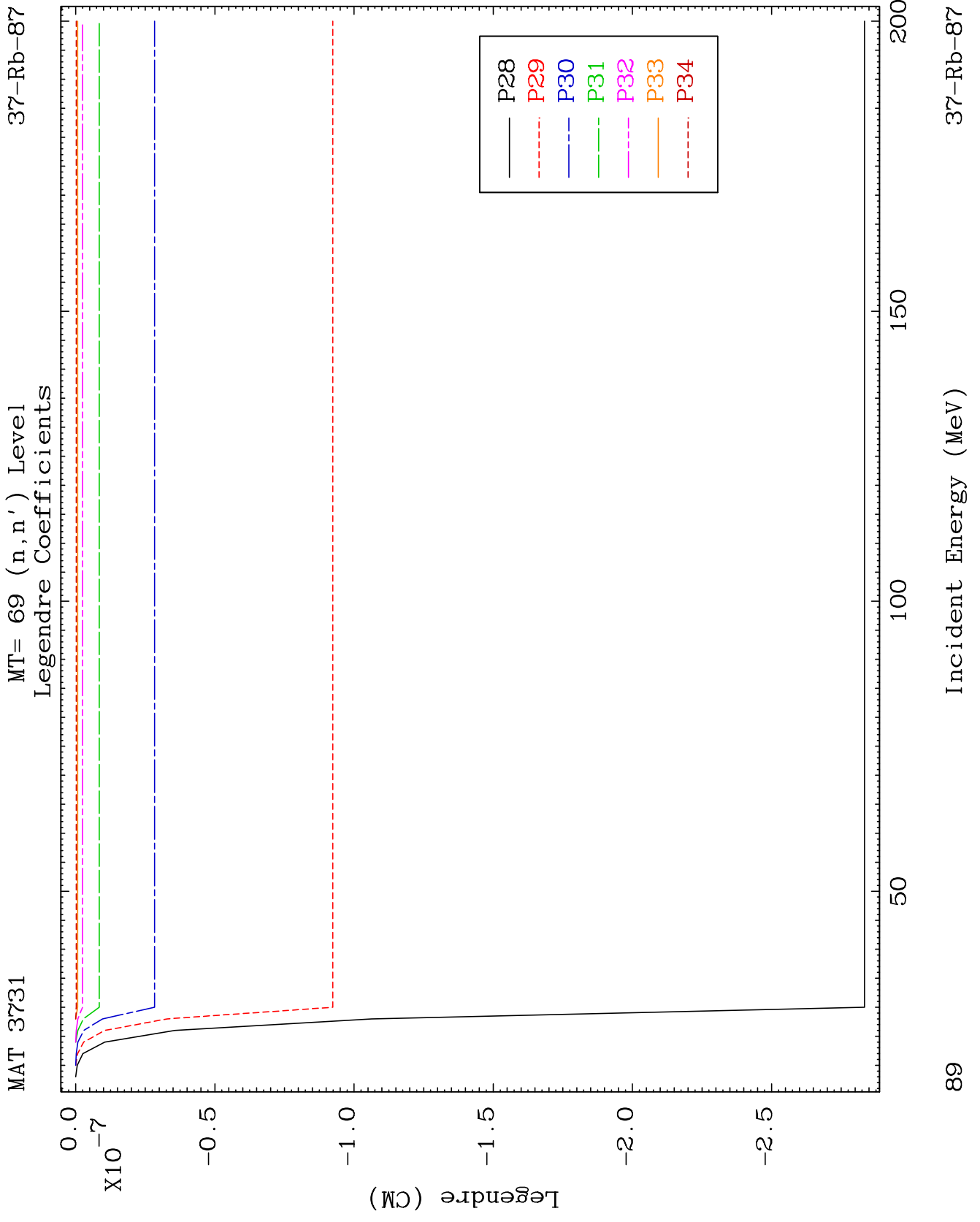
MAT 3731

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

37-Rb-87



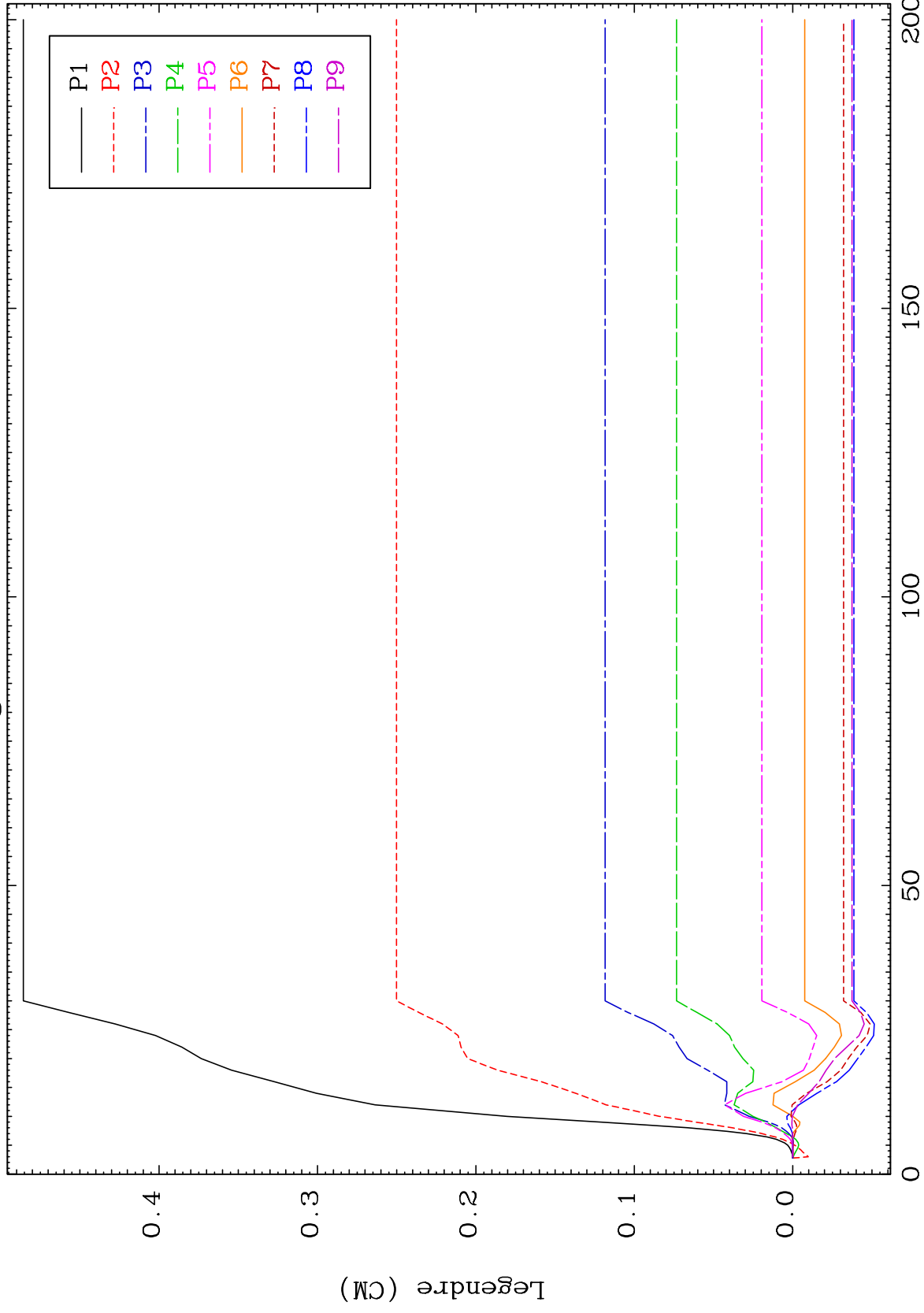




MAT 3731

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

37-Rb-87



90

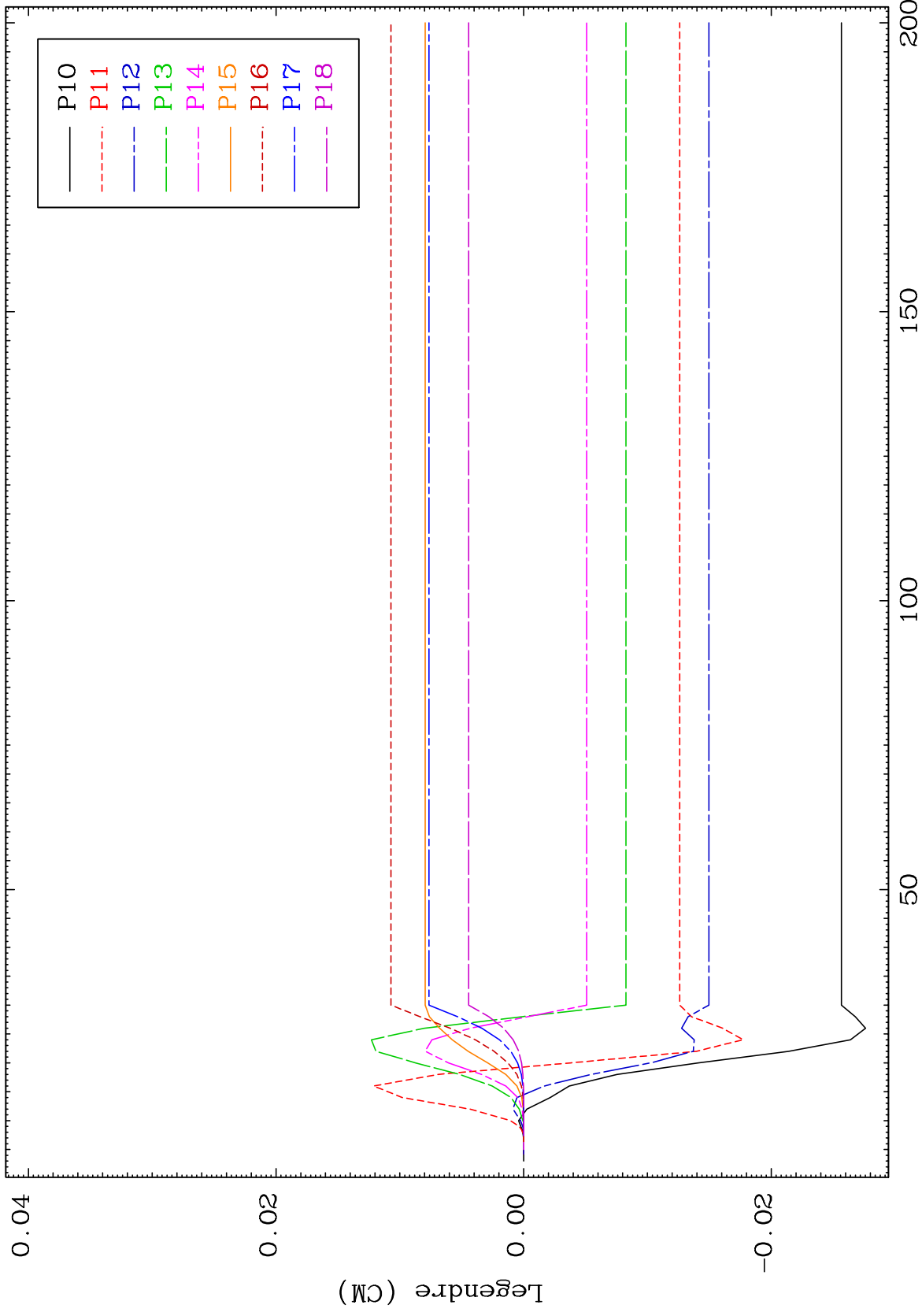
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



91

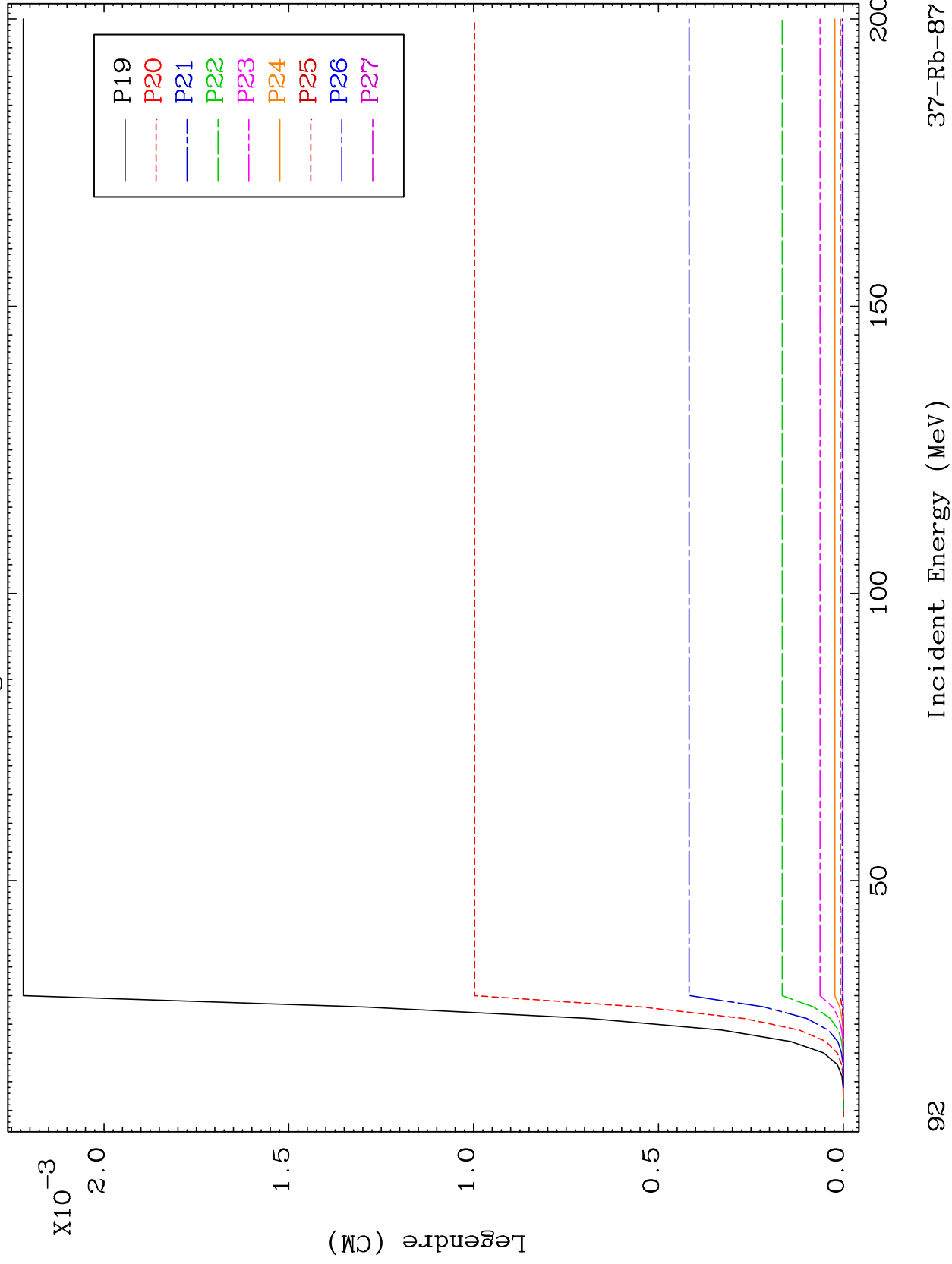
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

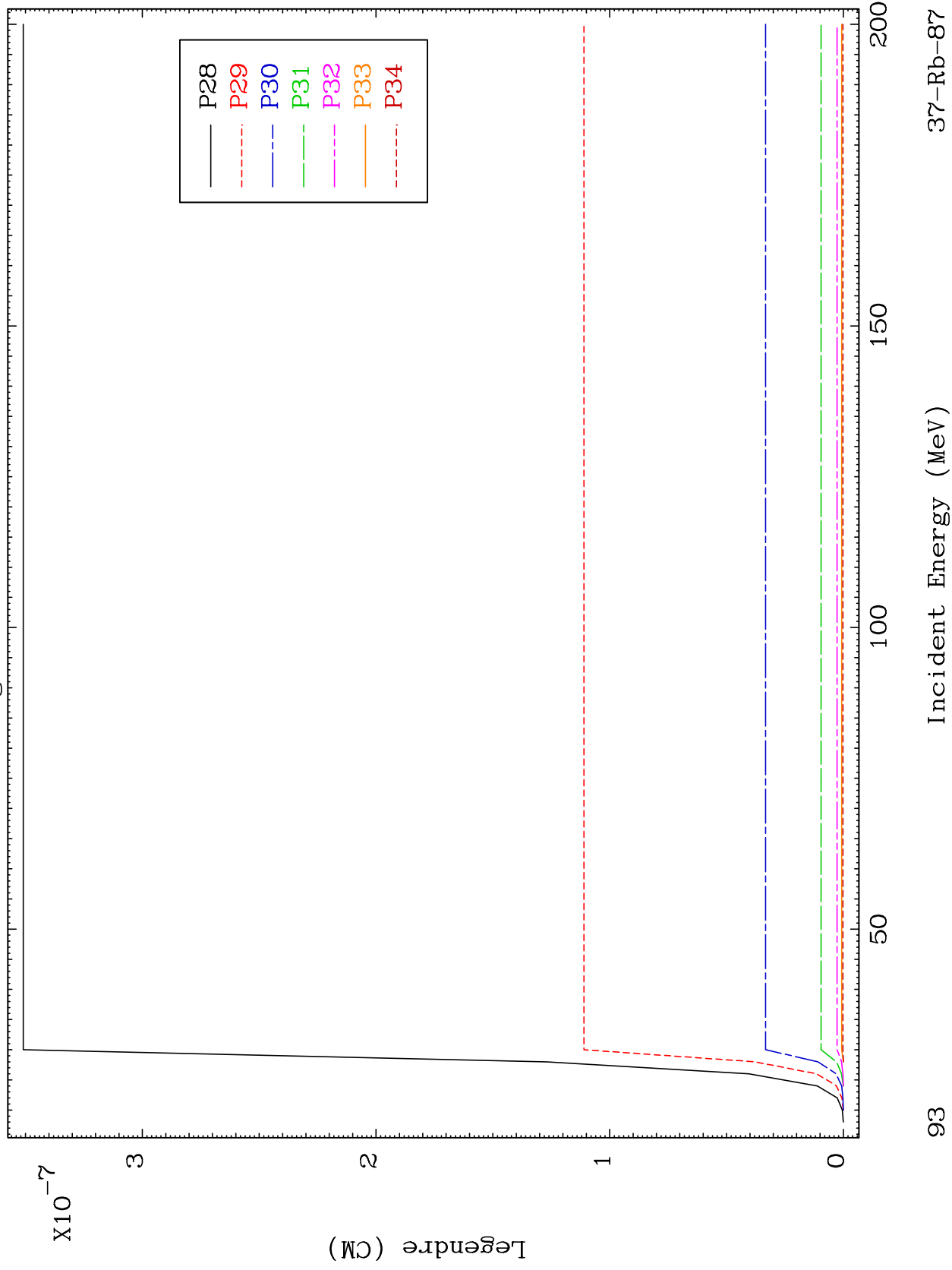
37-Rb-87



MAT 3731

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

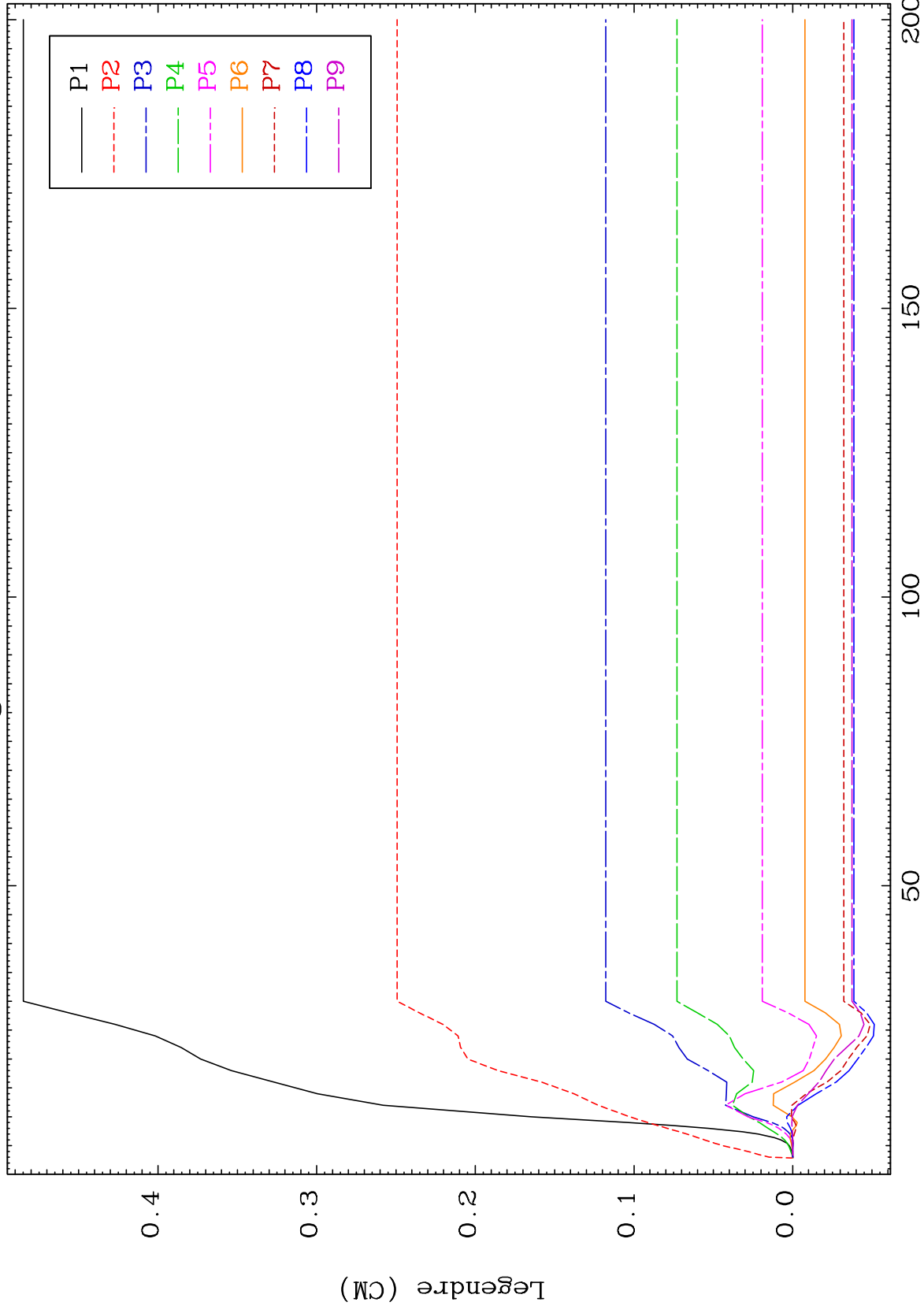
37-Rb-87



MAT 3731

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

37-Rb-87



94

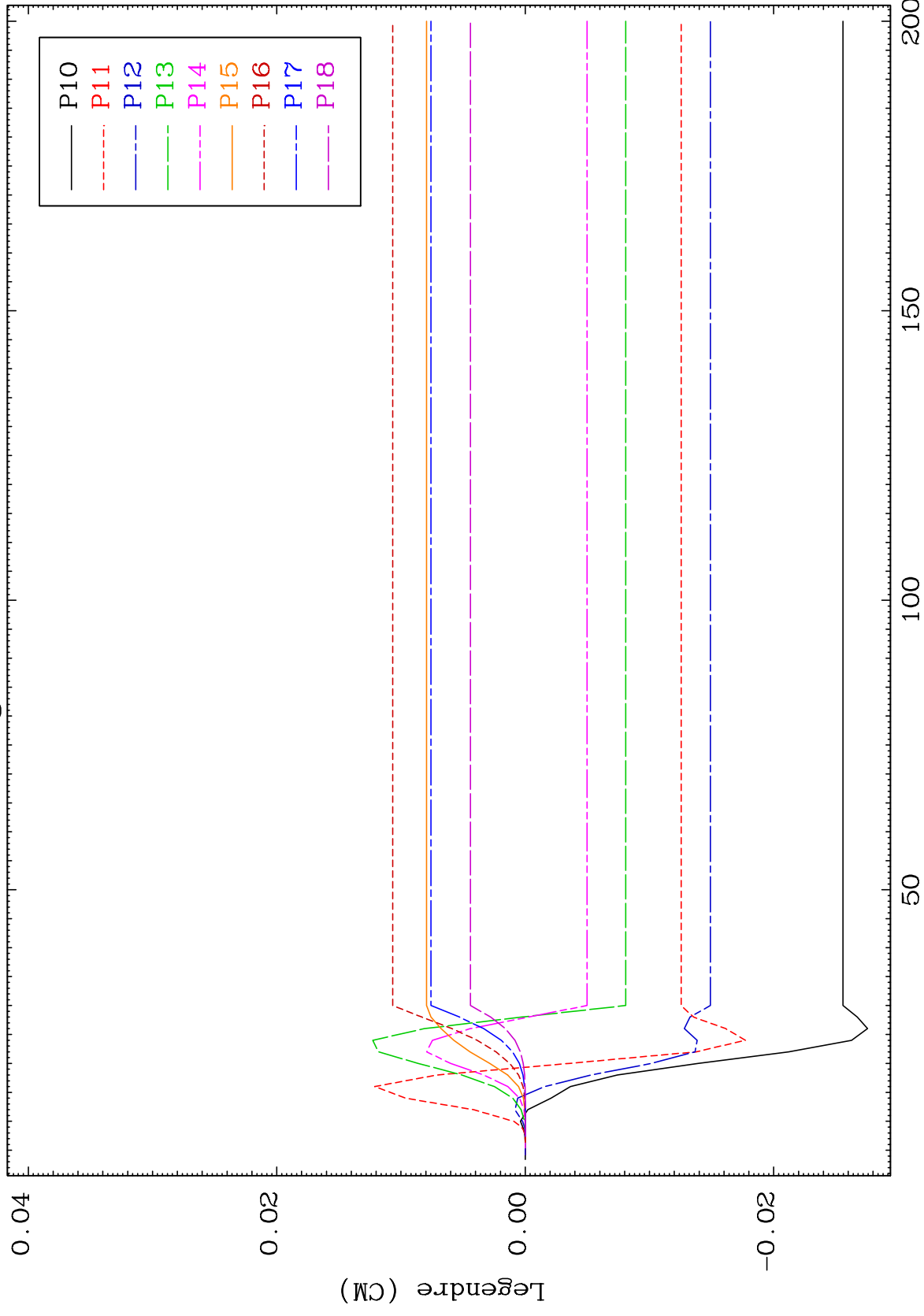
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

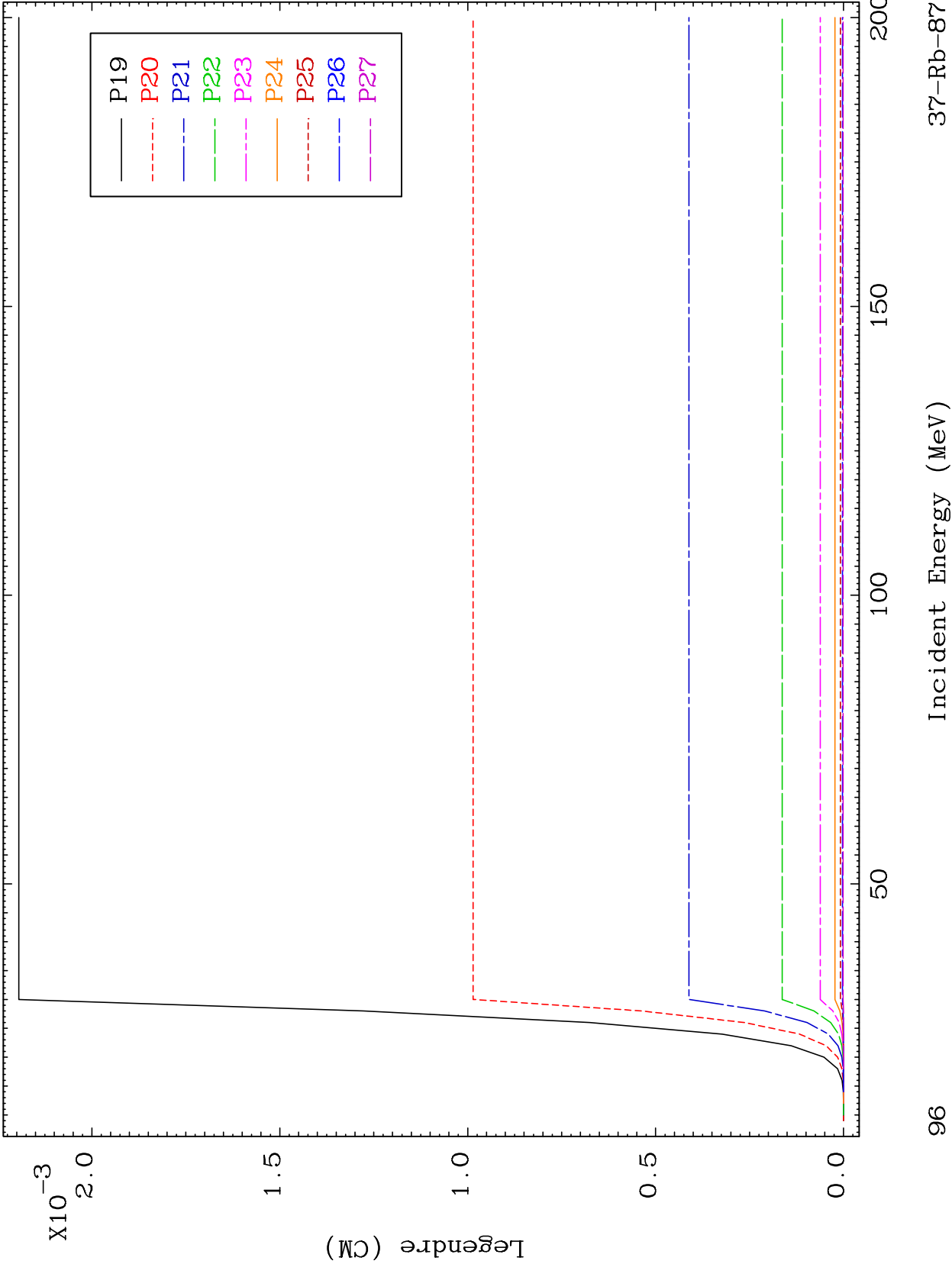
37-Rb-87



95

Incident Energy (MeV)

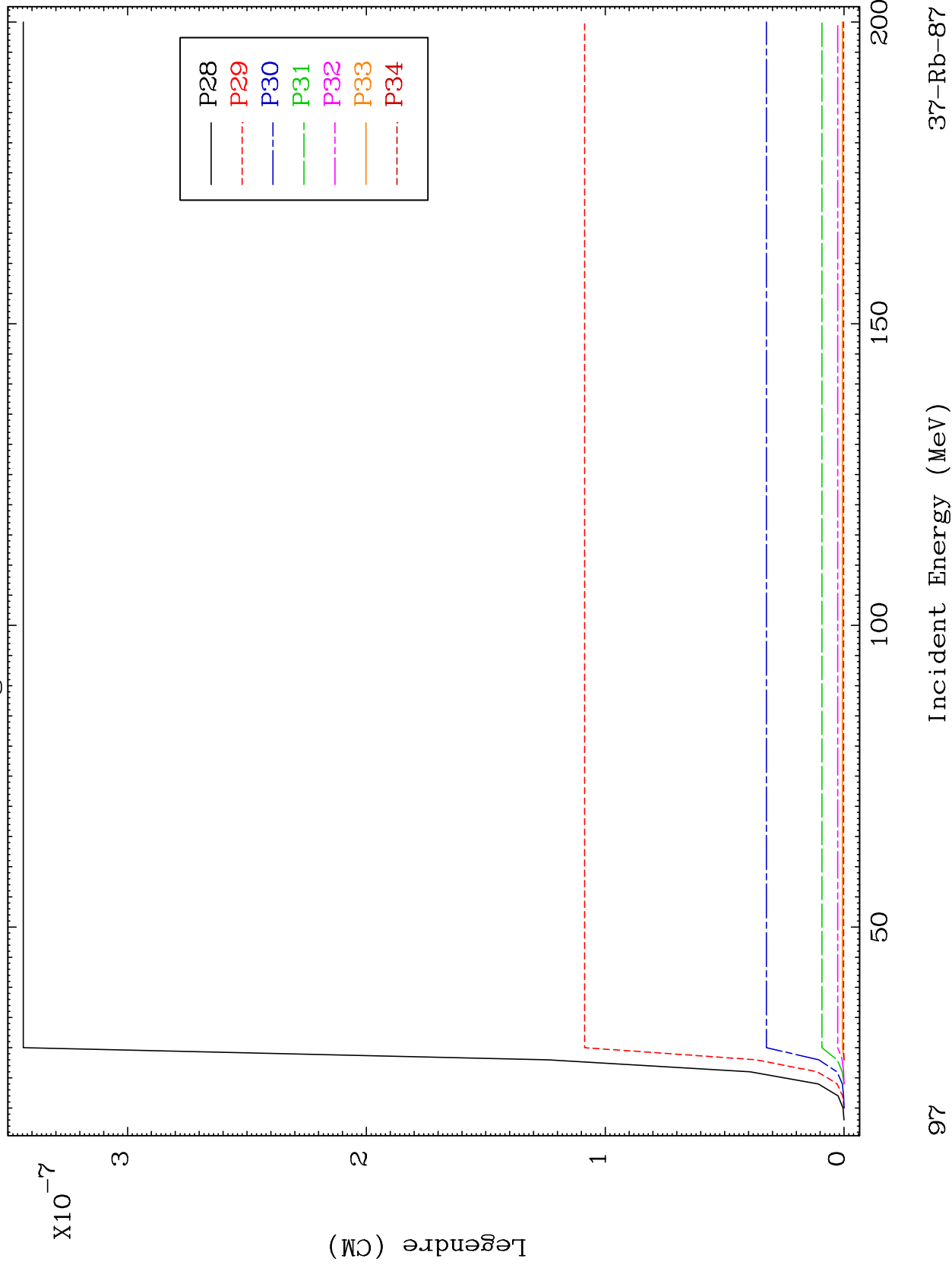
37-Rb-87



MAT 3731

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

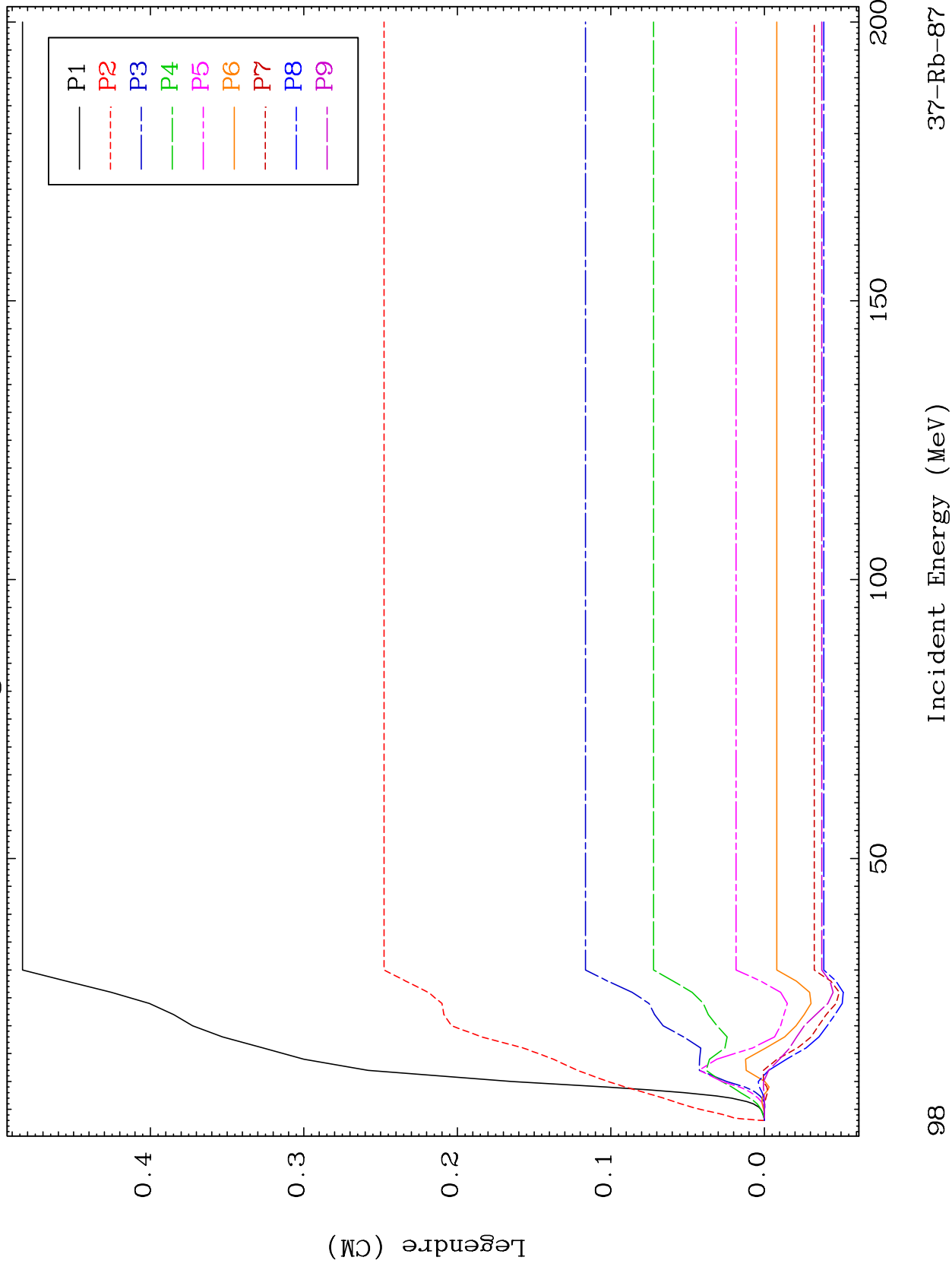
37-Rb-87



MAT 3731

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

37-Rb-87



98

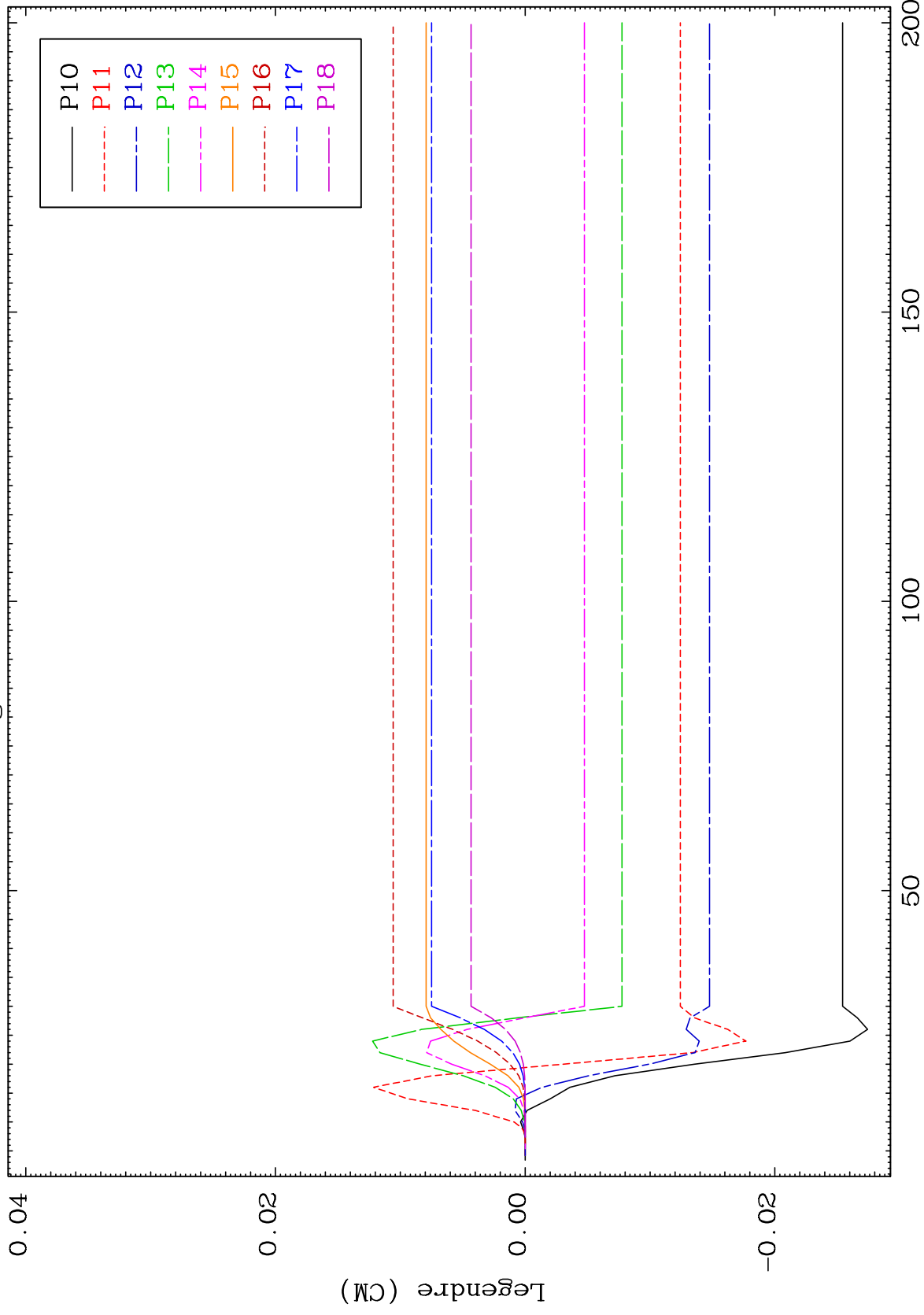
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



99

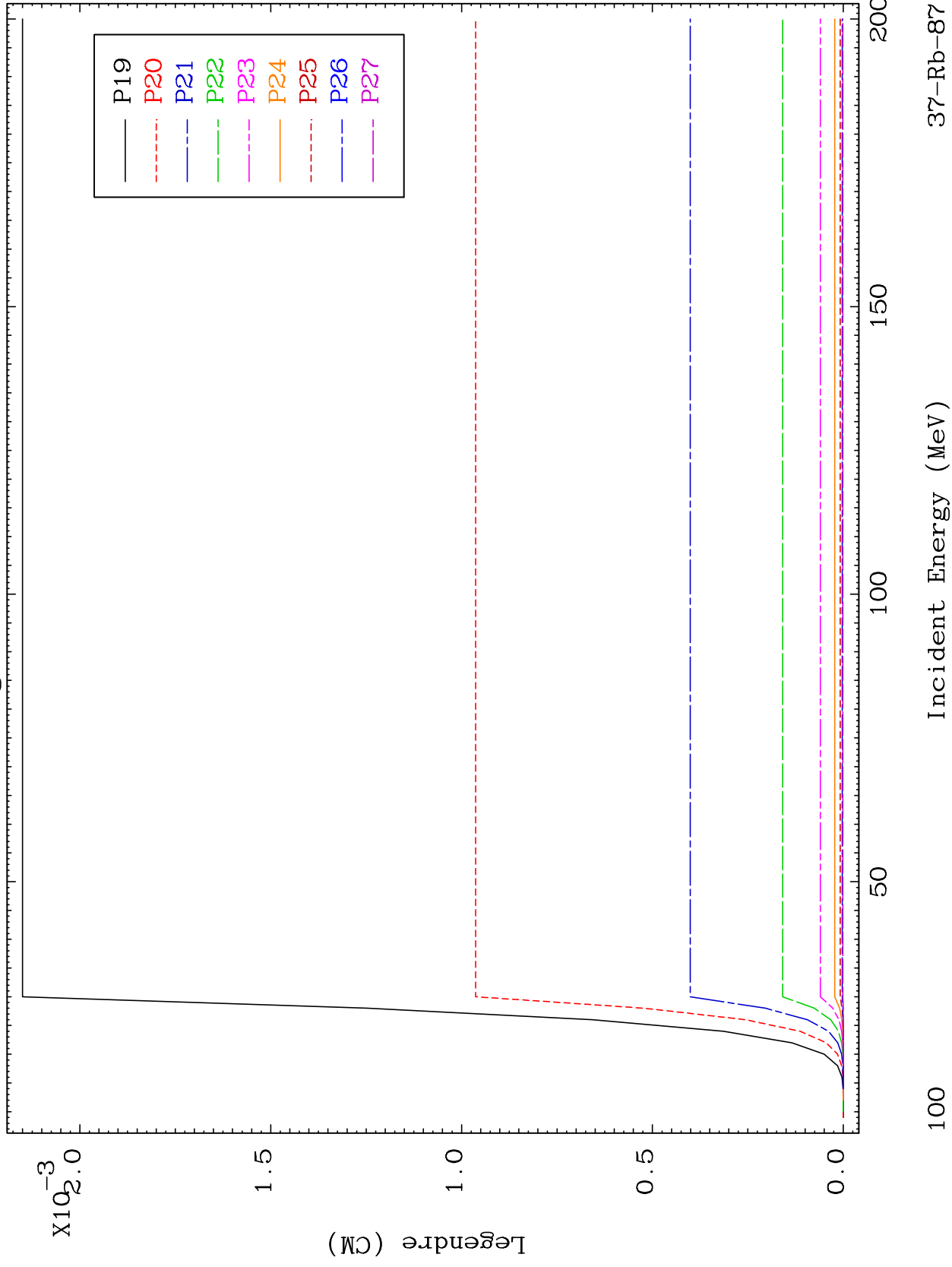
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87

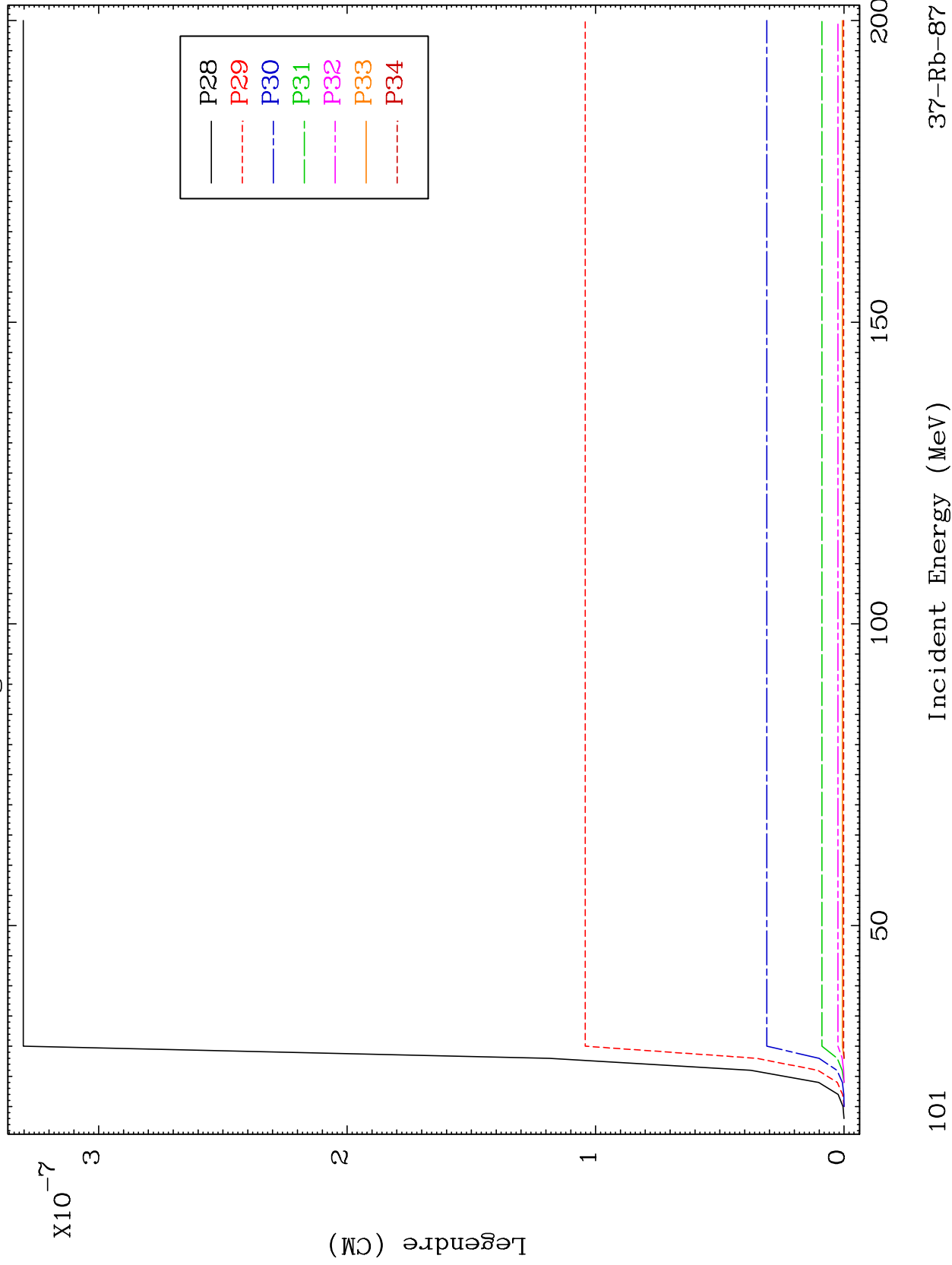


37-Rb-87

MAT 3731

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

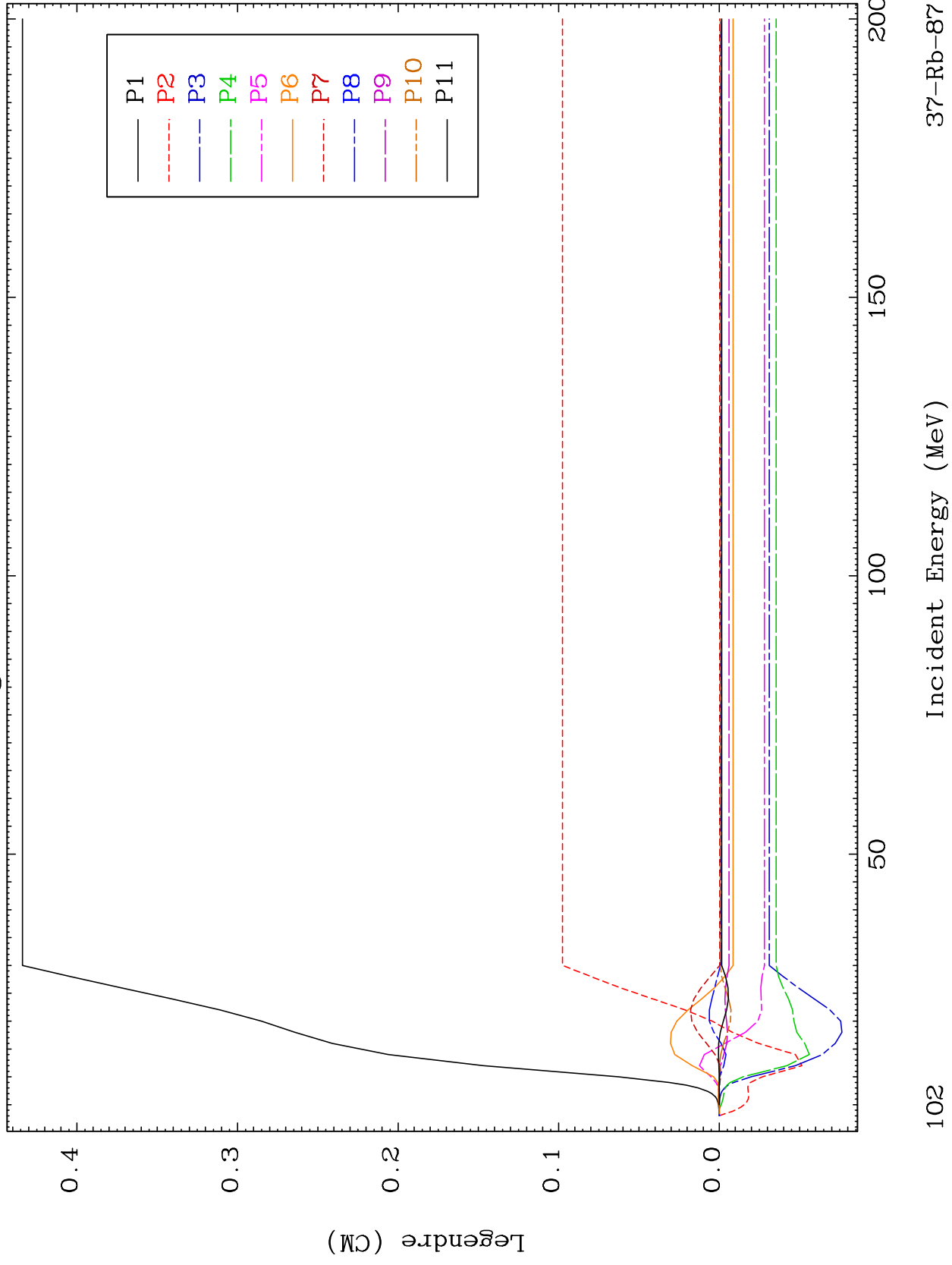
37-Rb-87



MAT 3731

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

37-Rb-87



102

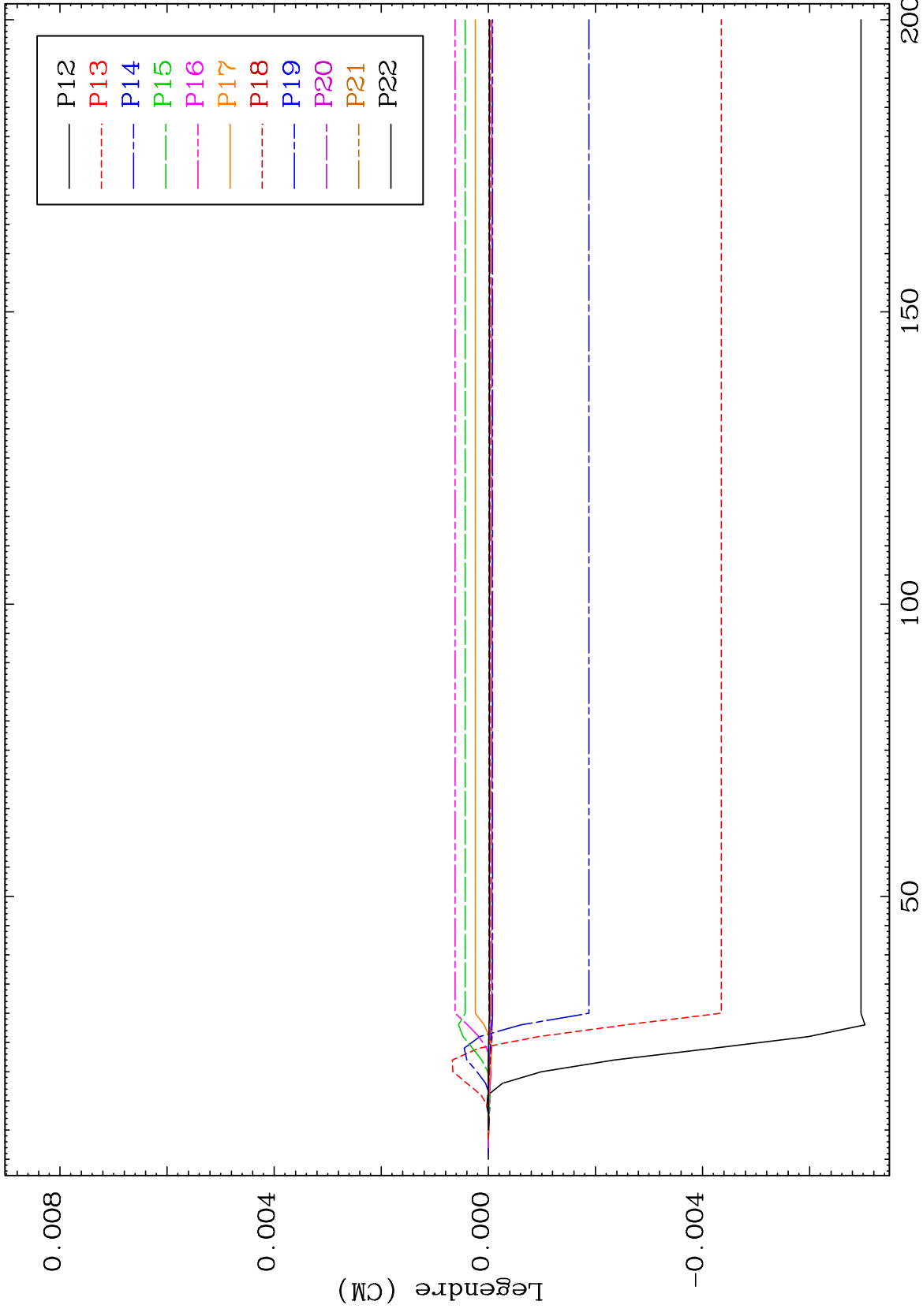
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

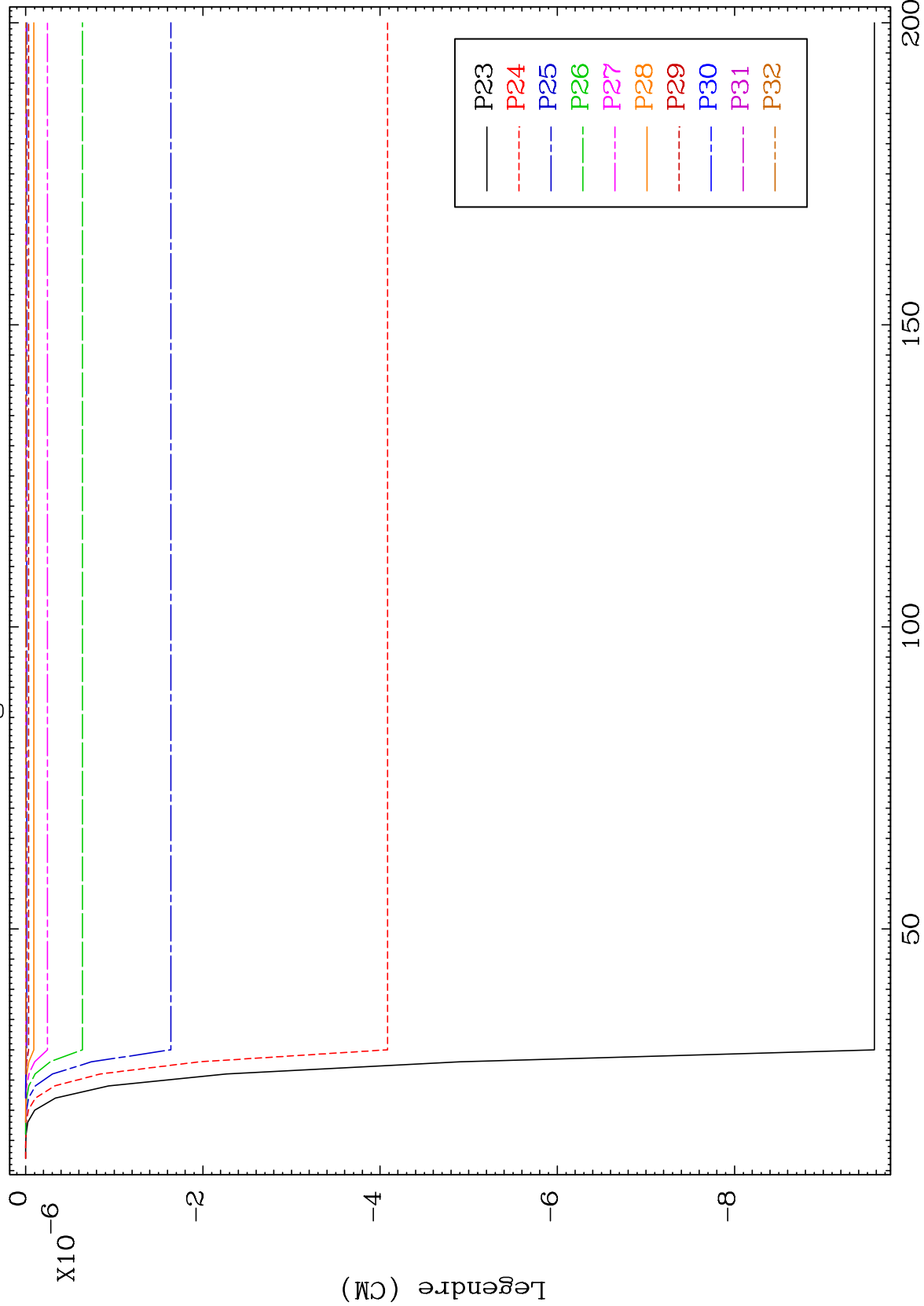
37-Rb-87



103

Incident Energy (MeV)

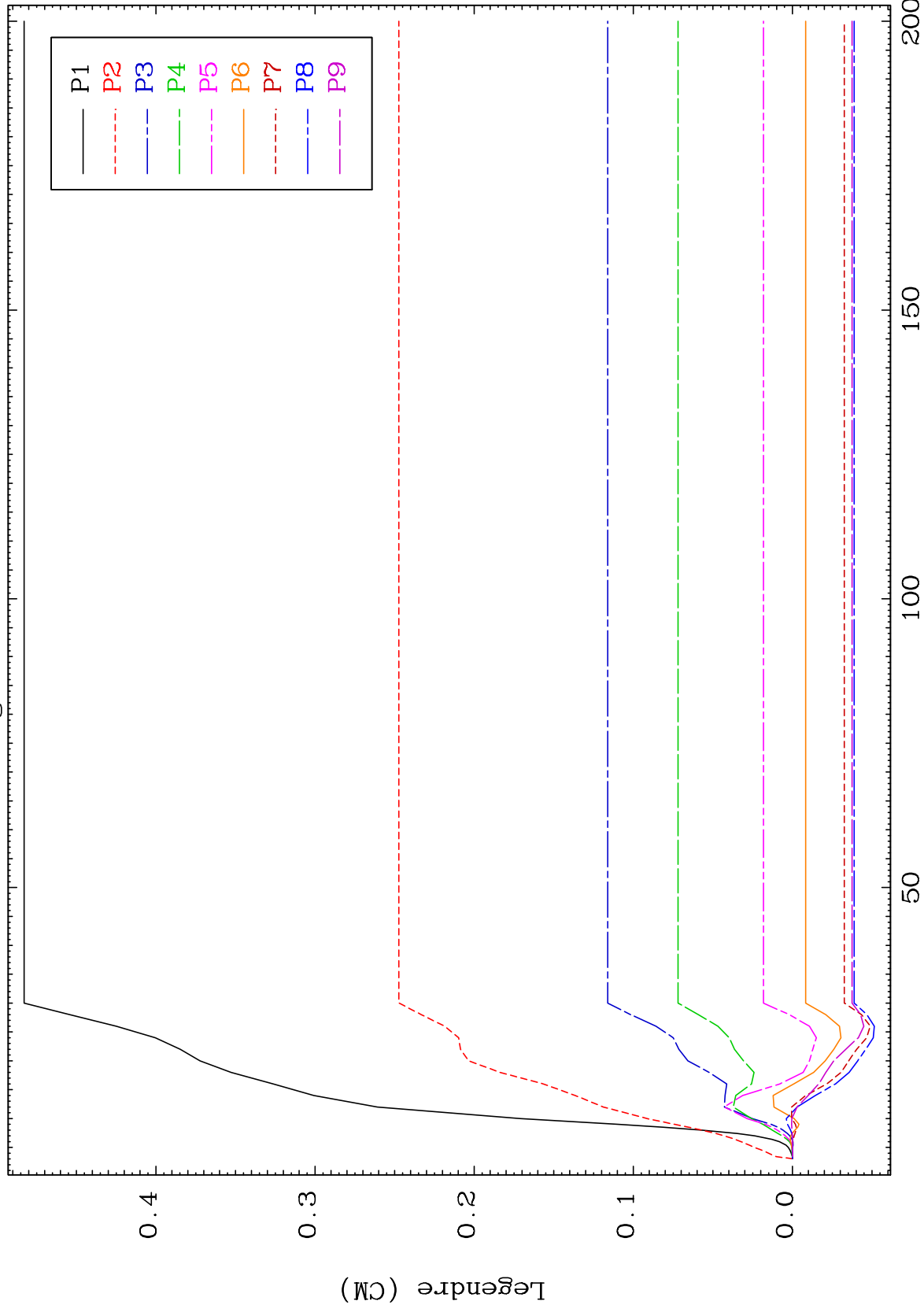
37-Rb-87



MAT 3731

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

37-Rb-87



105

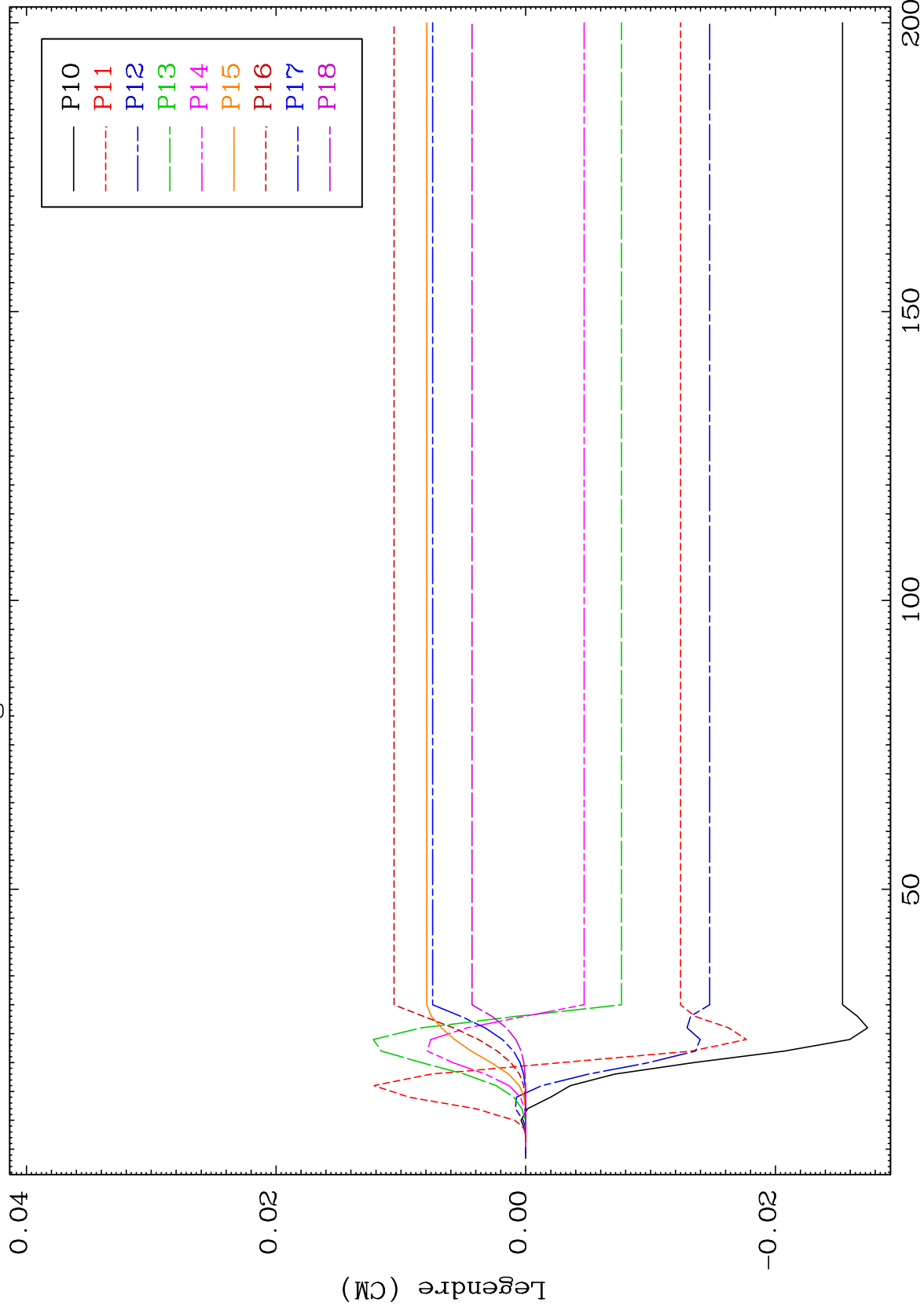
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



106

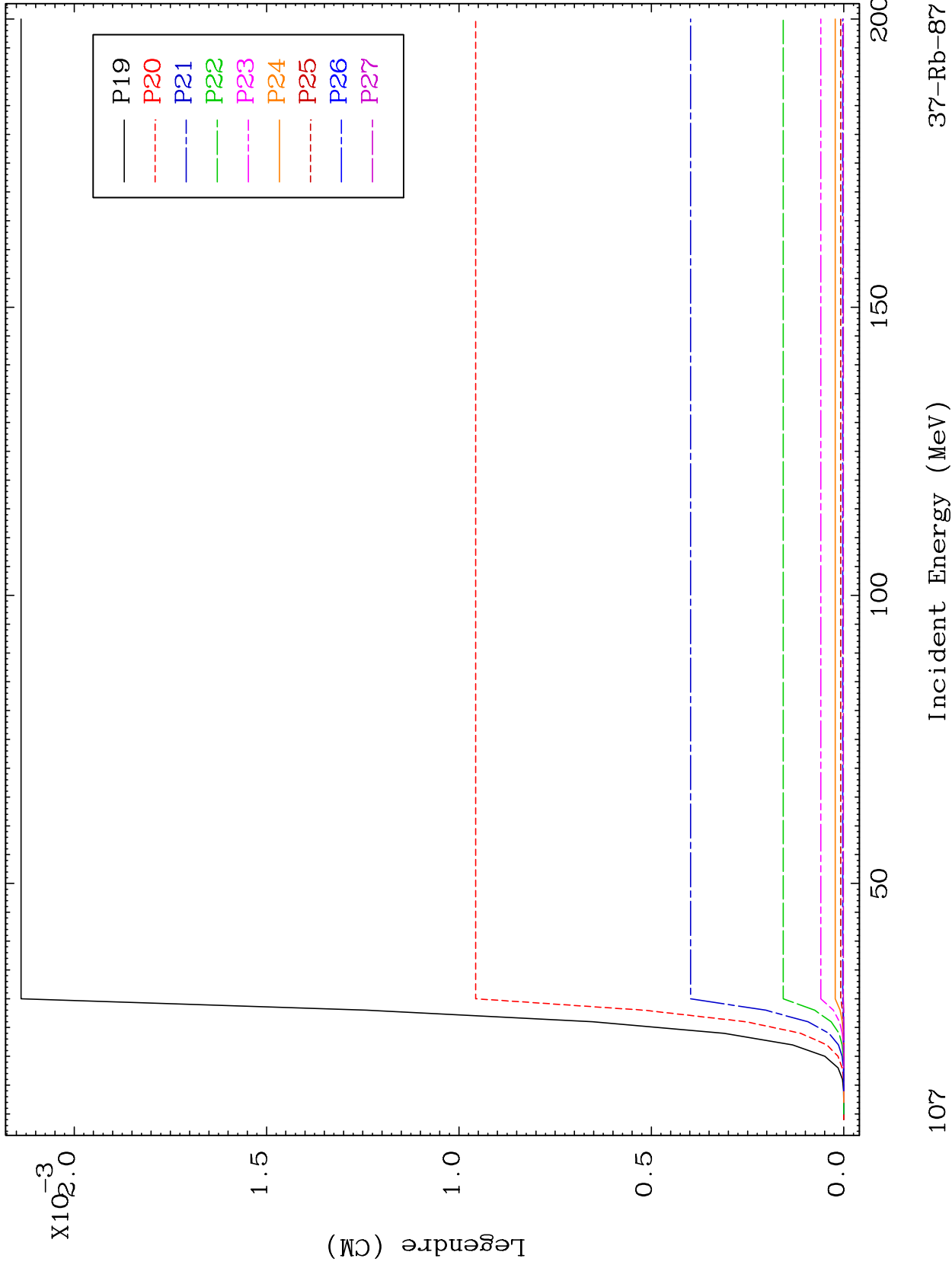
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

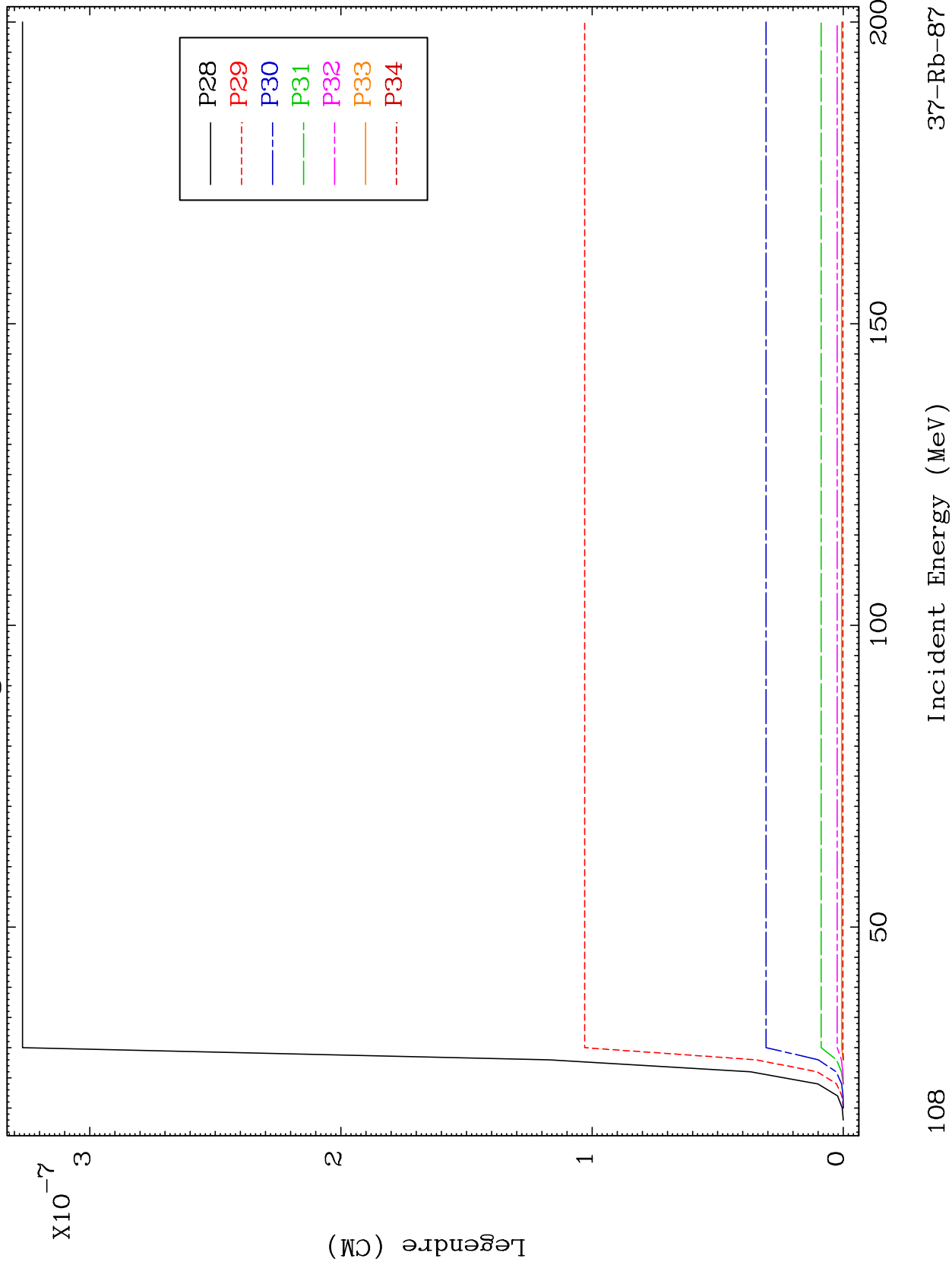
37-Rb-87



MAT 3731

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

37-Rb-87



108

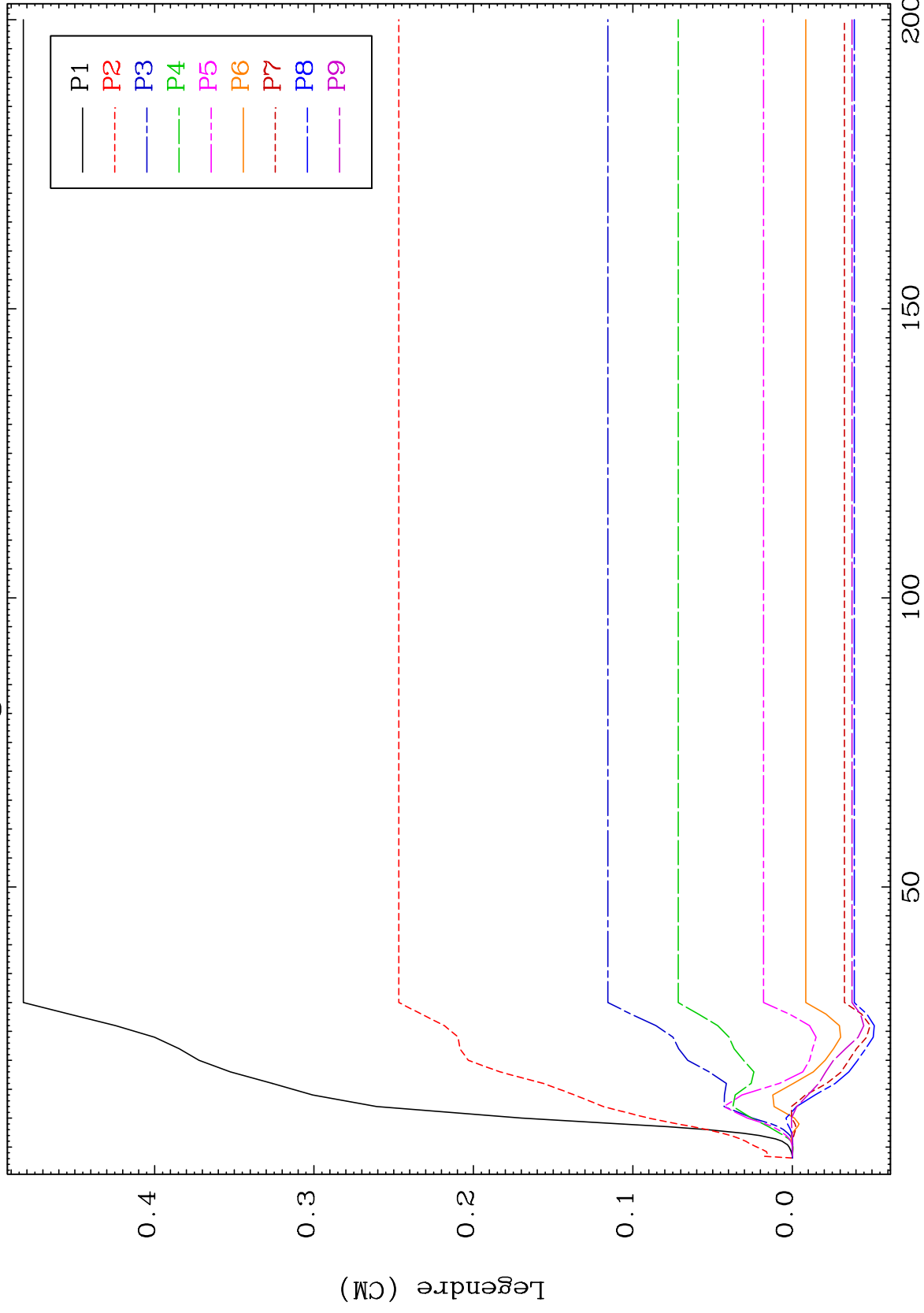
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

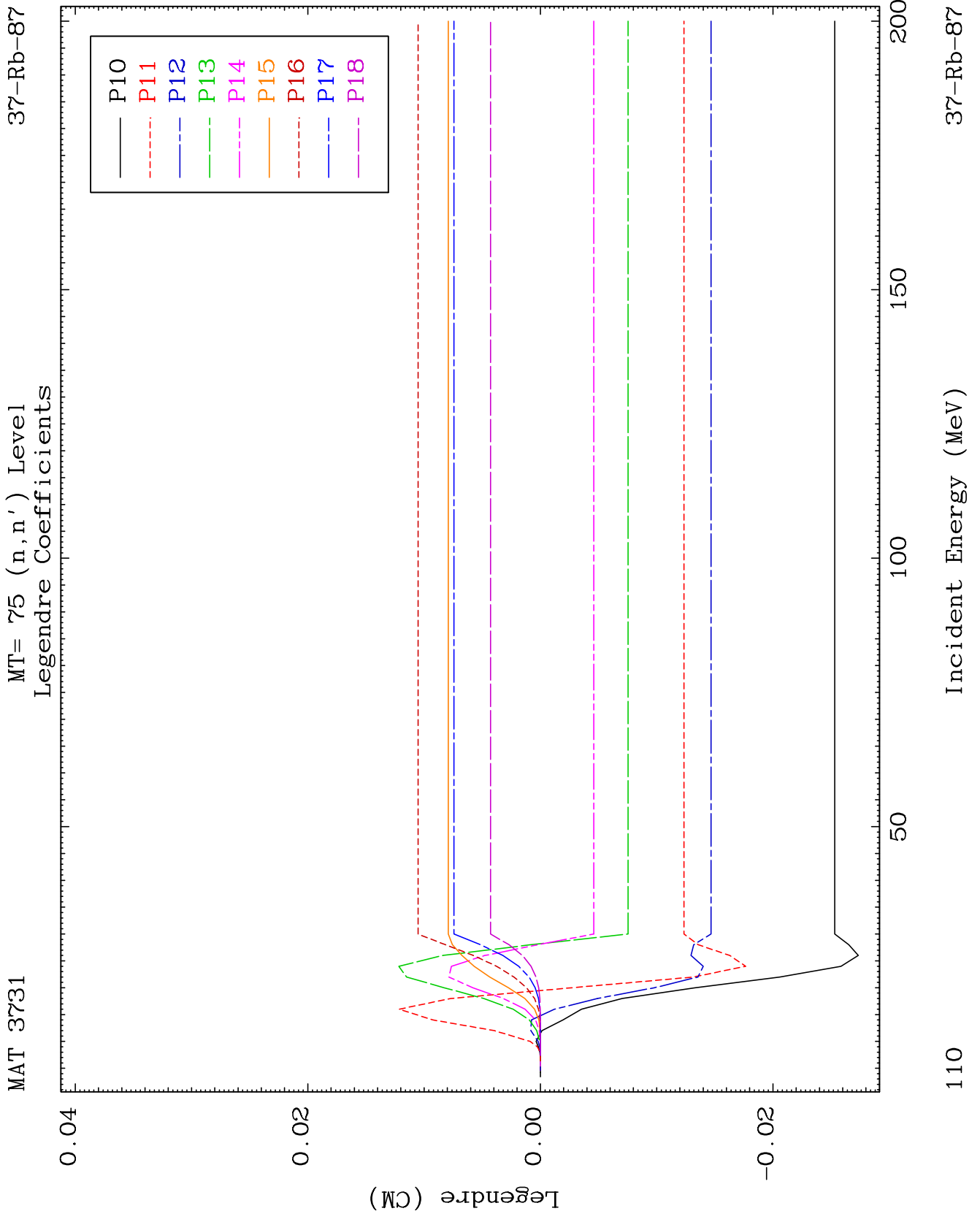
37-Rb-87



109

Incident Energy (MeV)

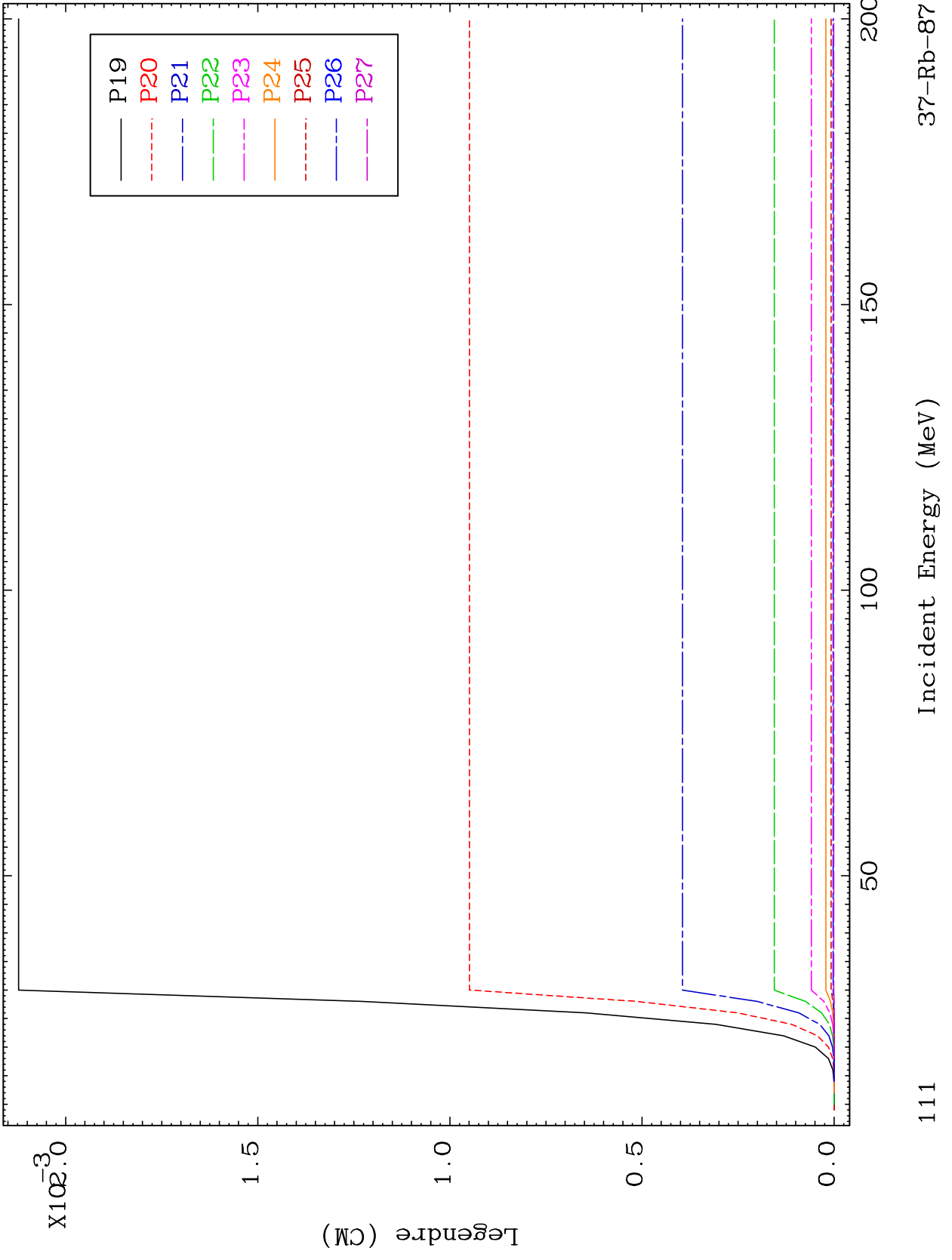
37-Rb-87



MAT 3731

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

37-Rb-87

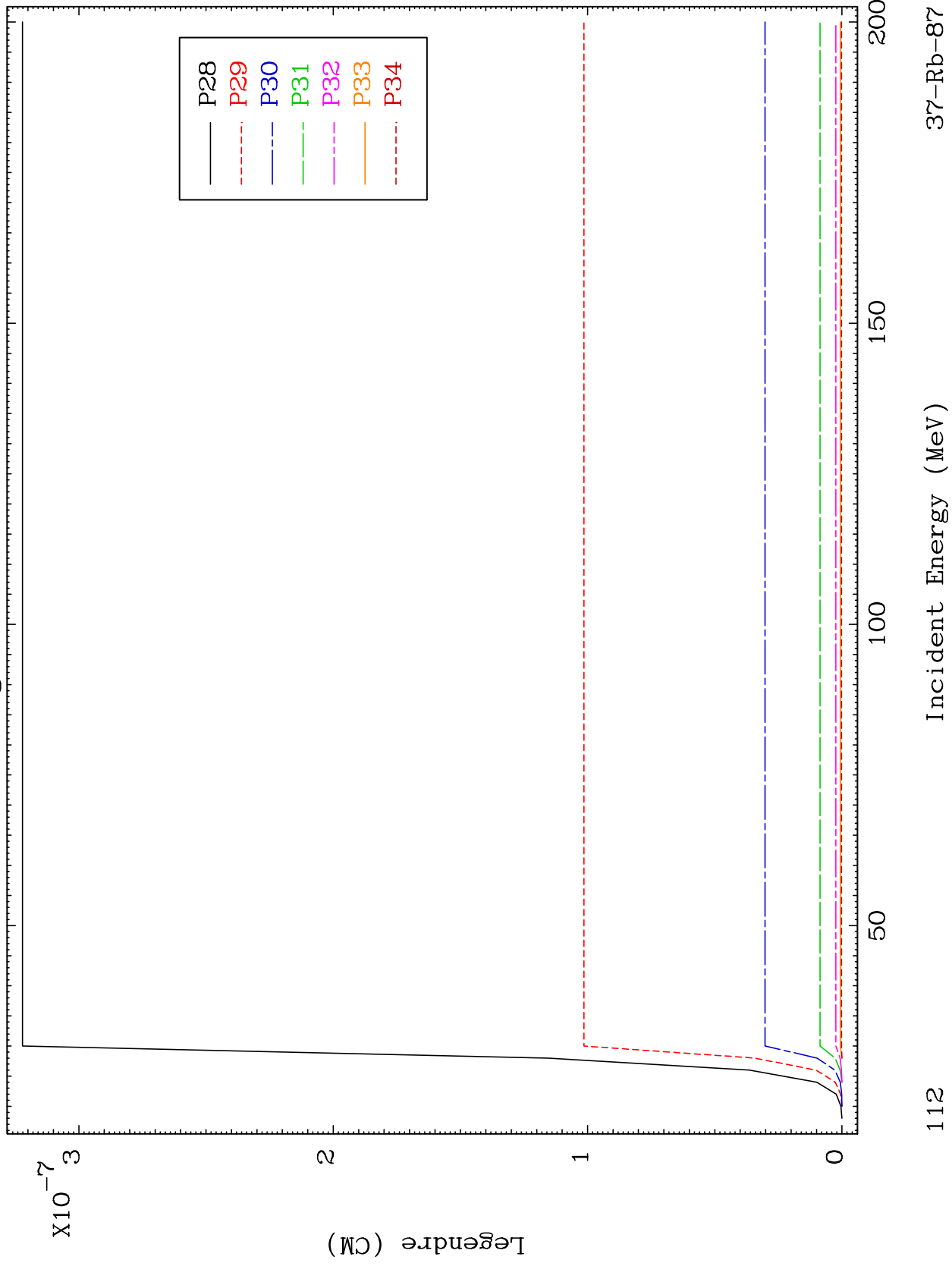


111

MAT 3731

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

37-Rb-87

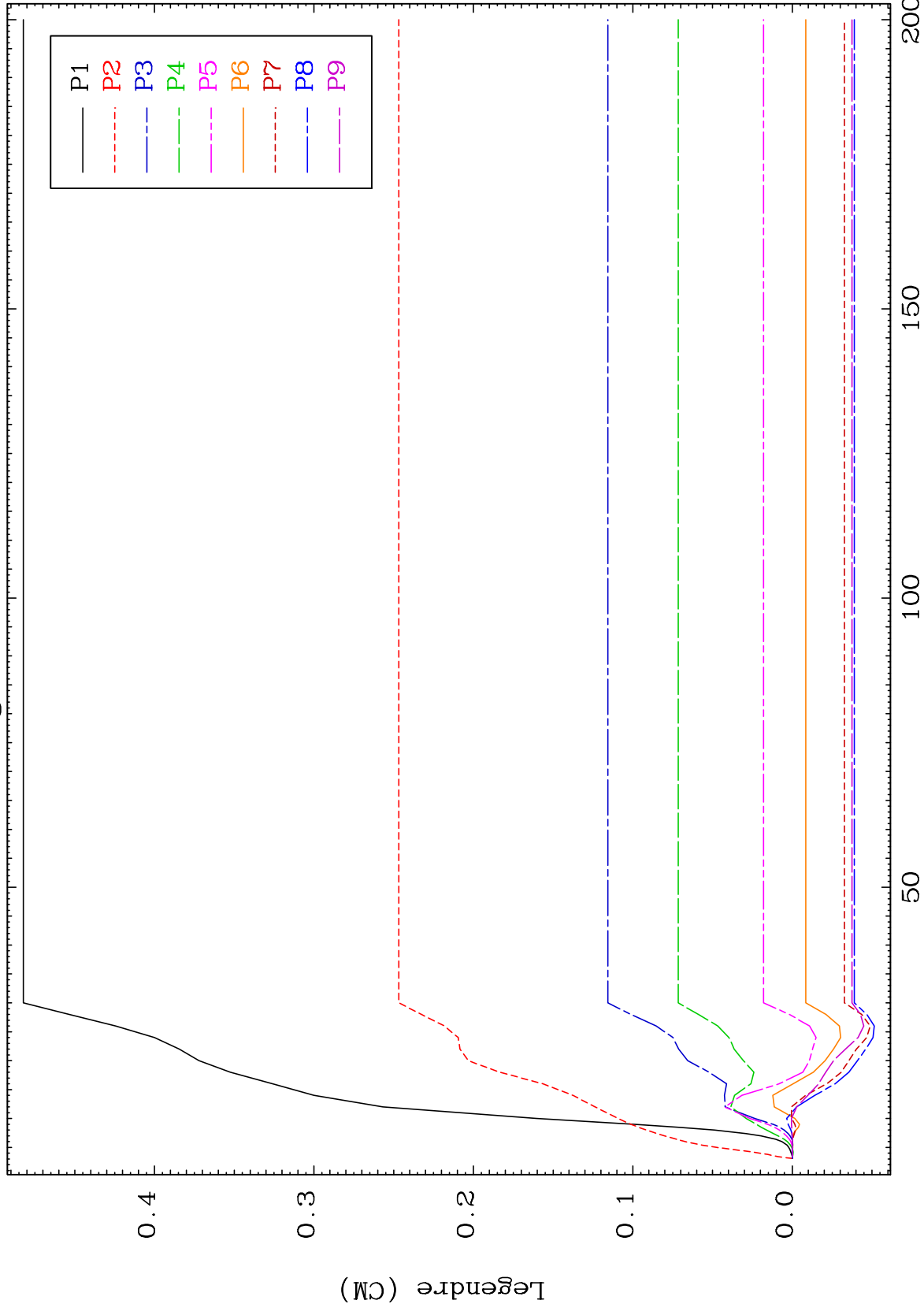


112

MAT 3731

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

37-Rb-87



113

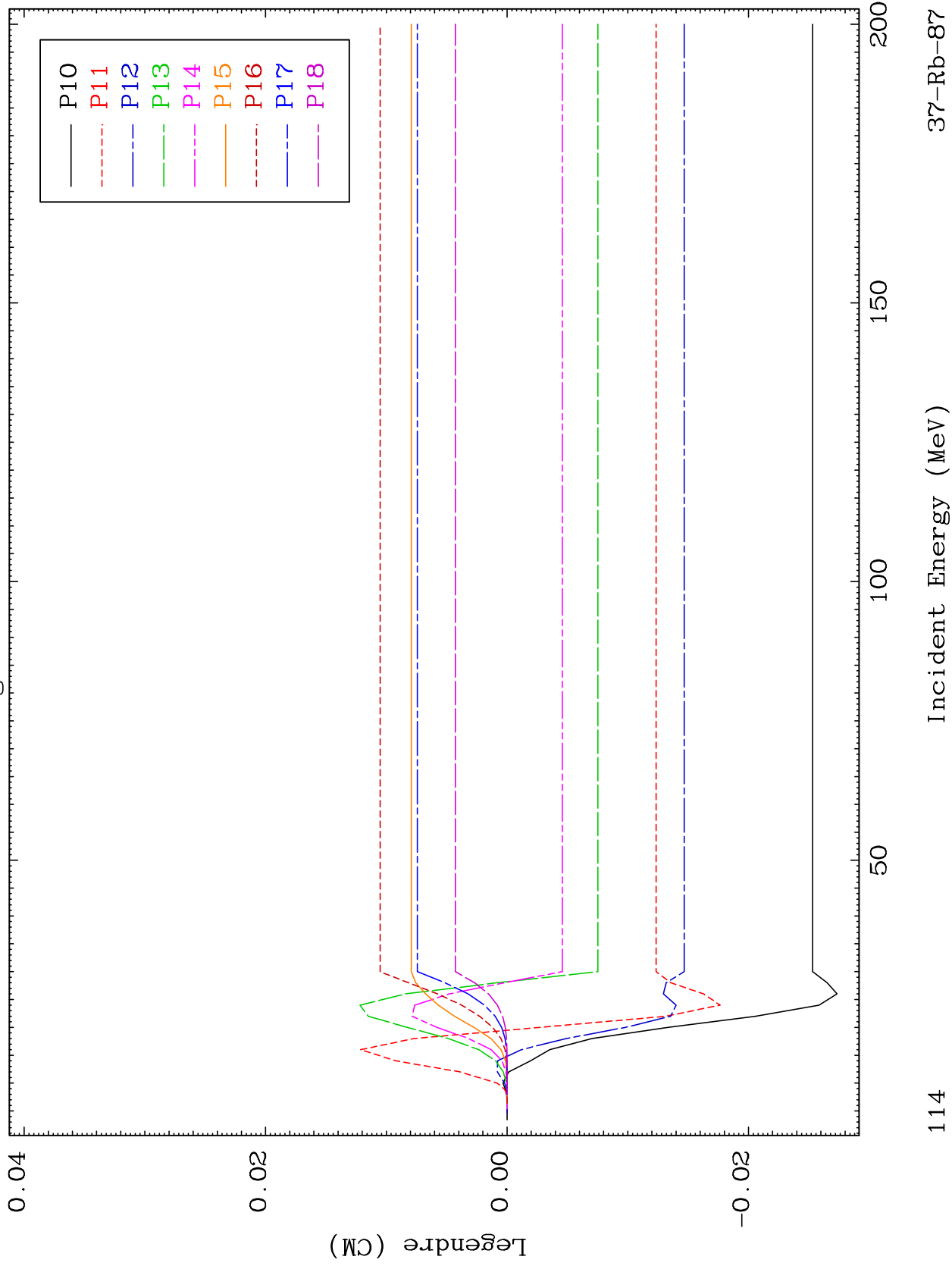
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



114

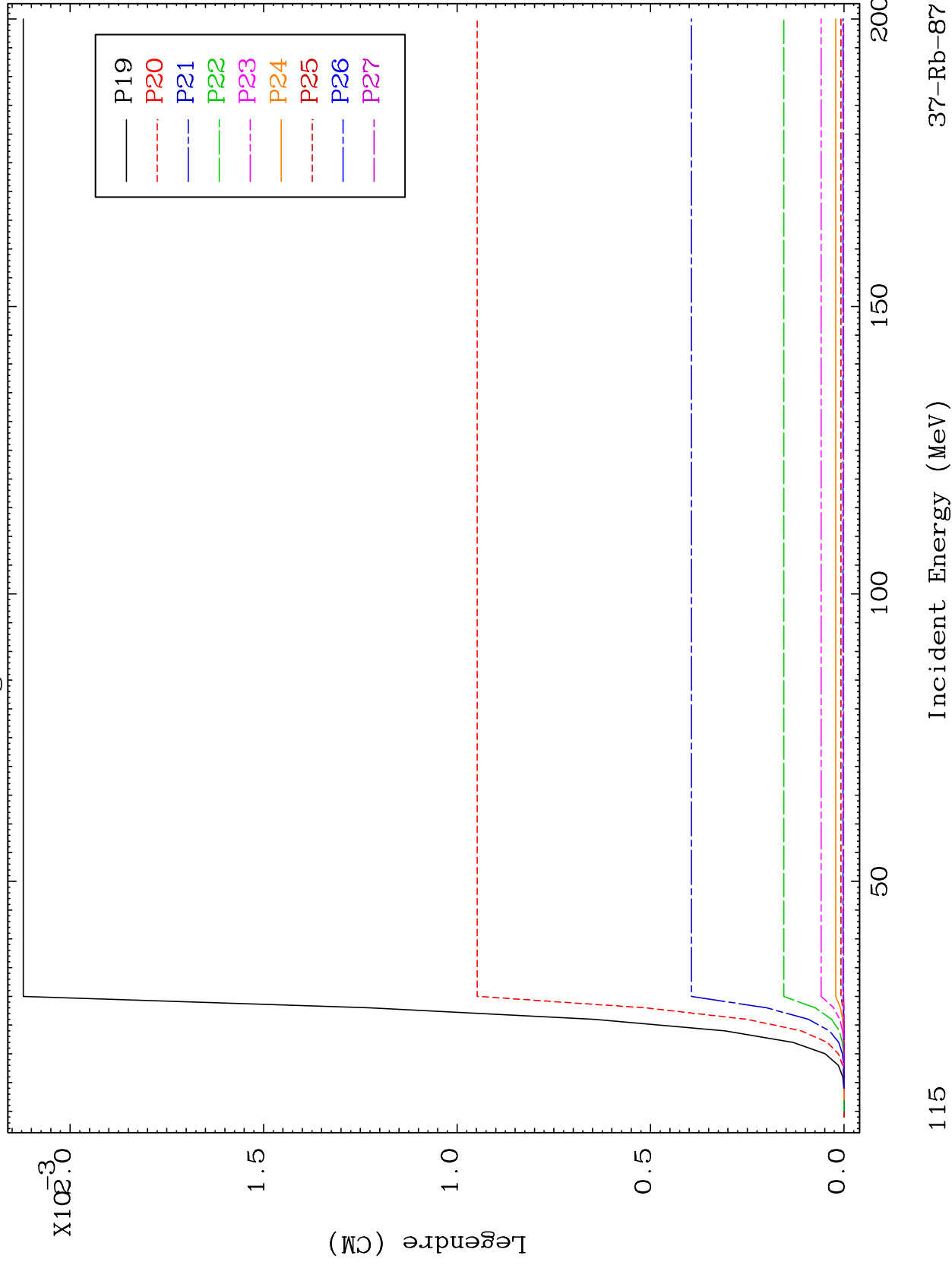
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



37-Rb-87

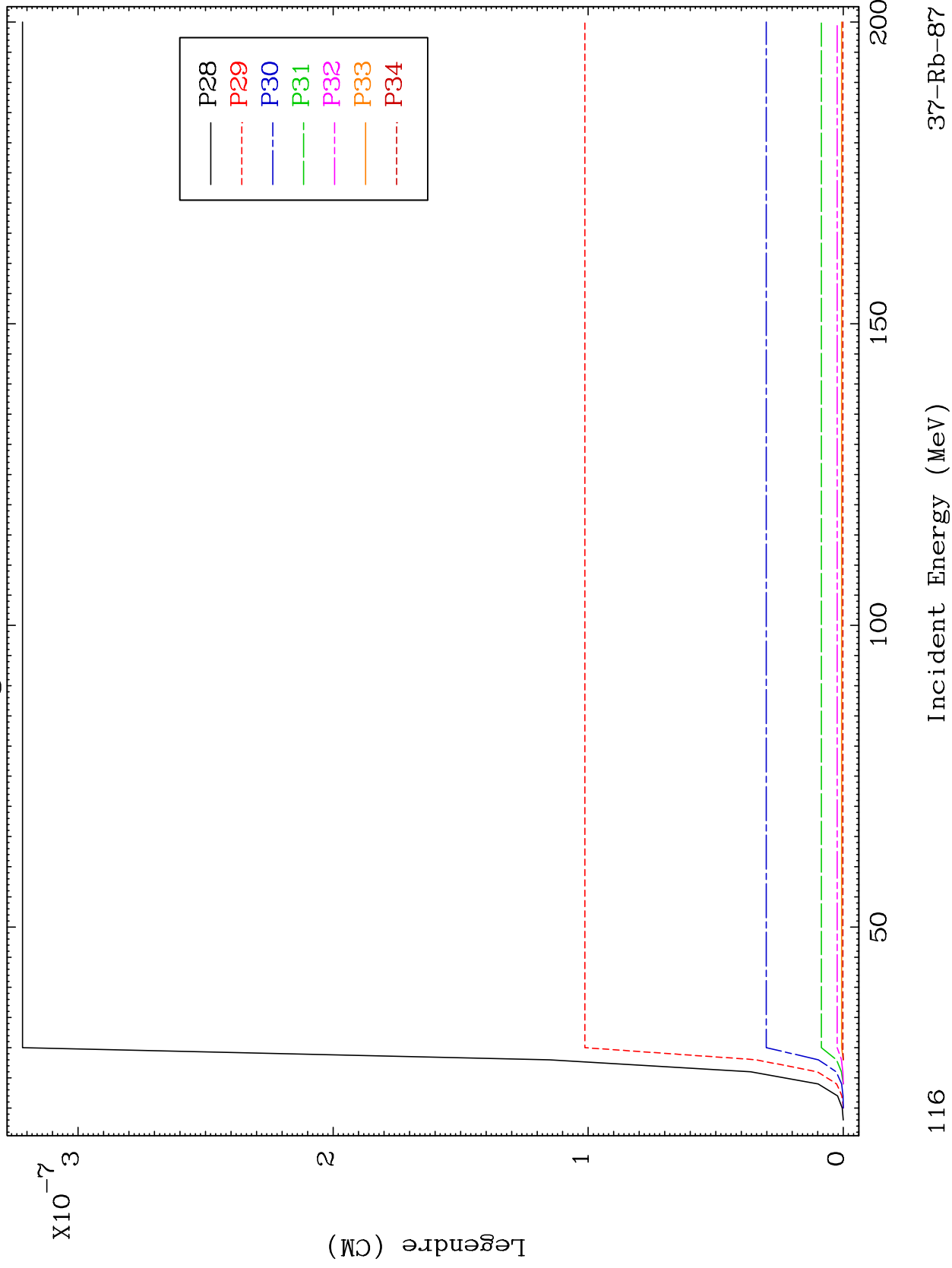
Incident Energy (MeV)

115

MAT 3731

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

37-Rb-87



116

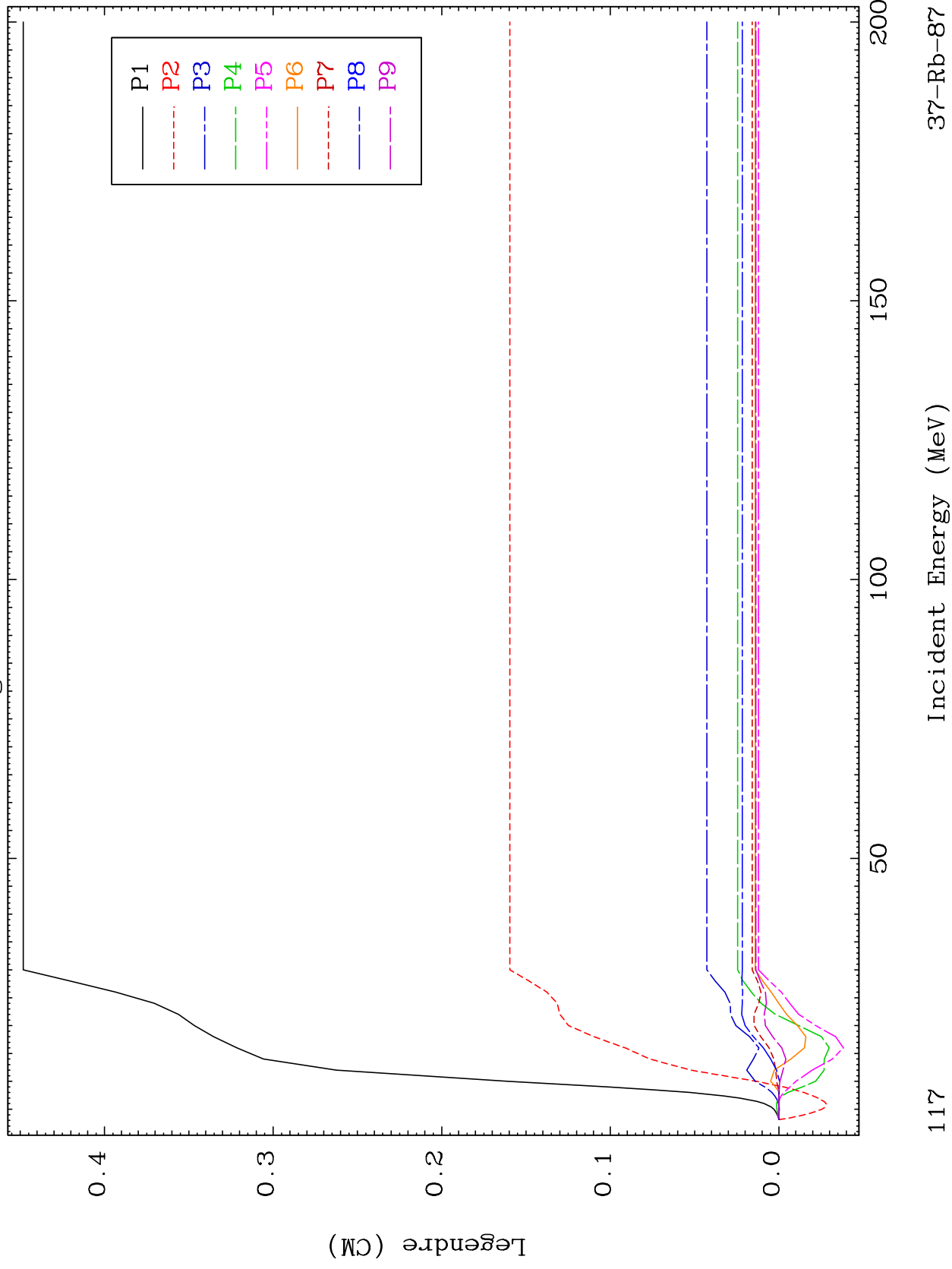
Incident Energy (MeV)

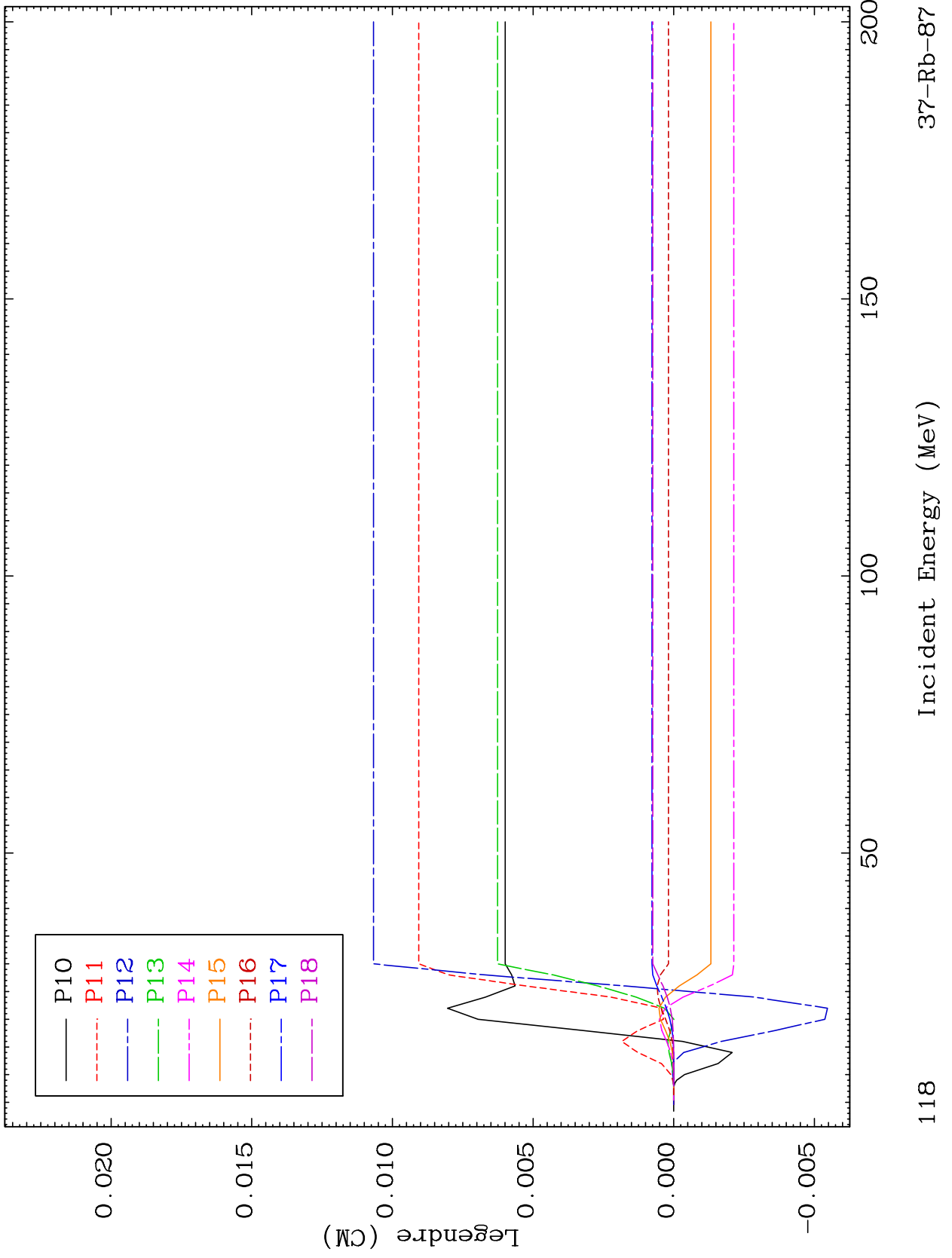
37-Rb-87

MAT 3731

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

37-Rb-87

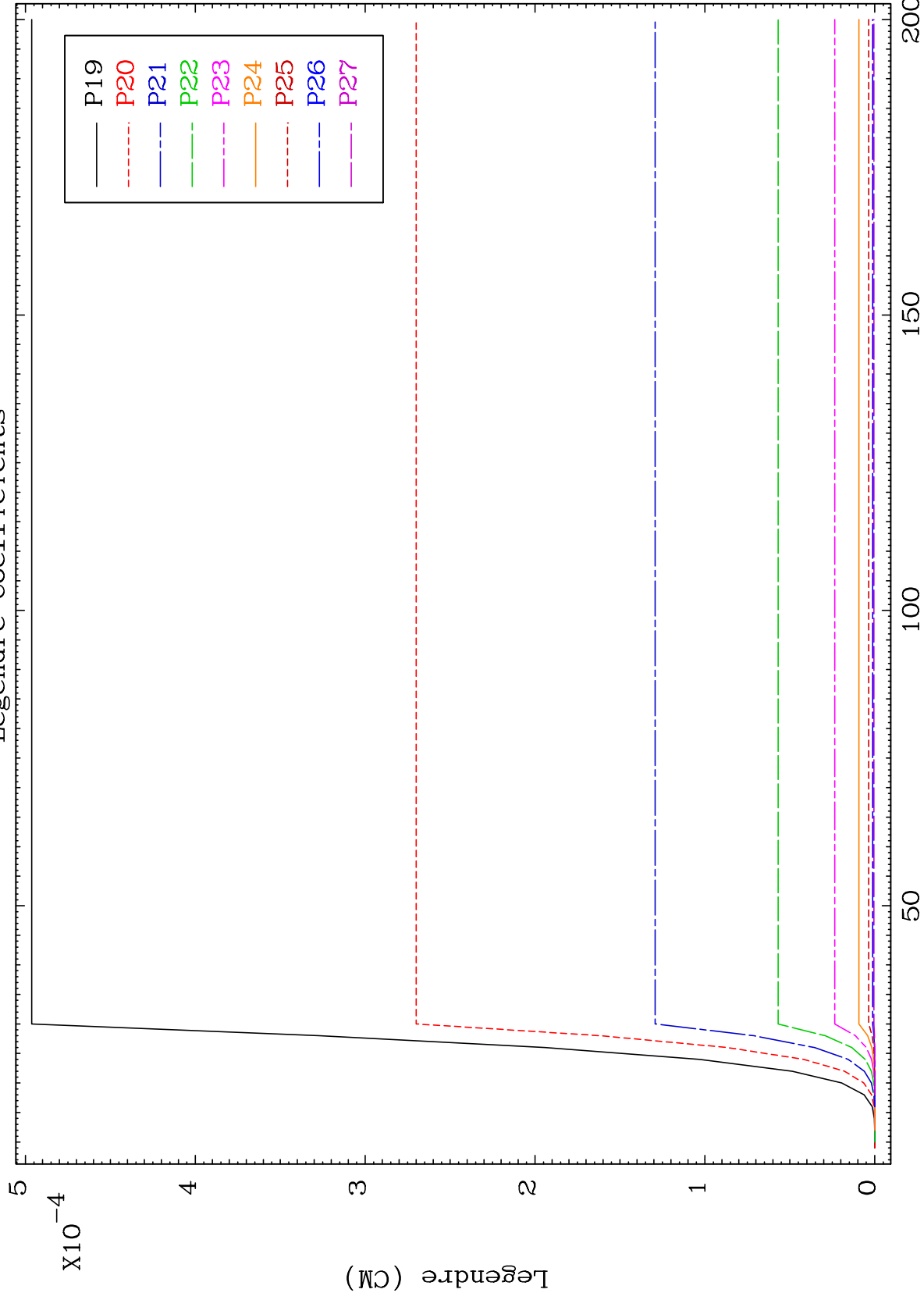




MAT 3731

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

37-Rb-87



119

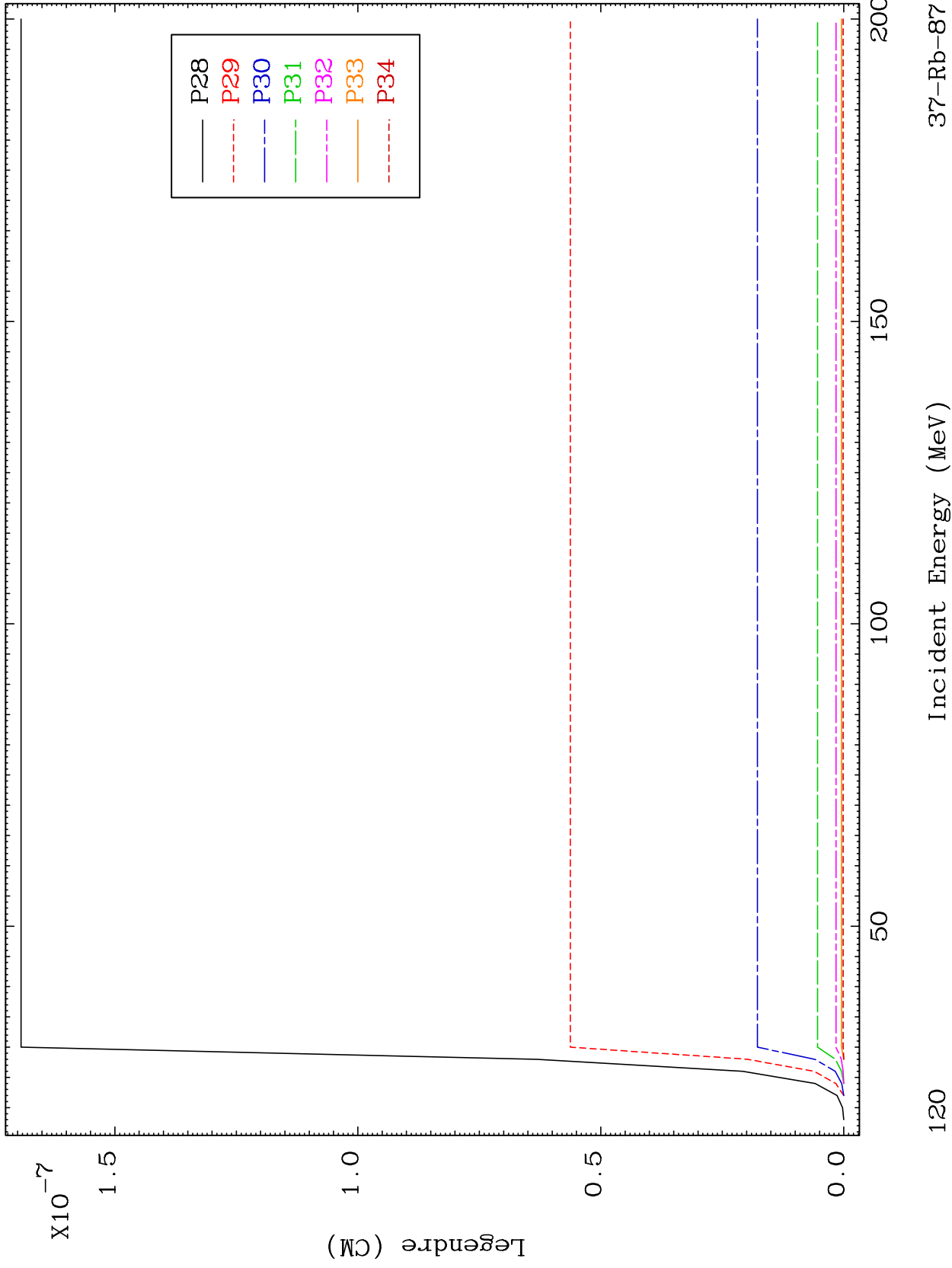
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

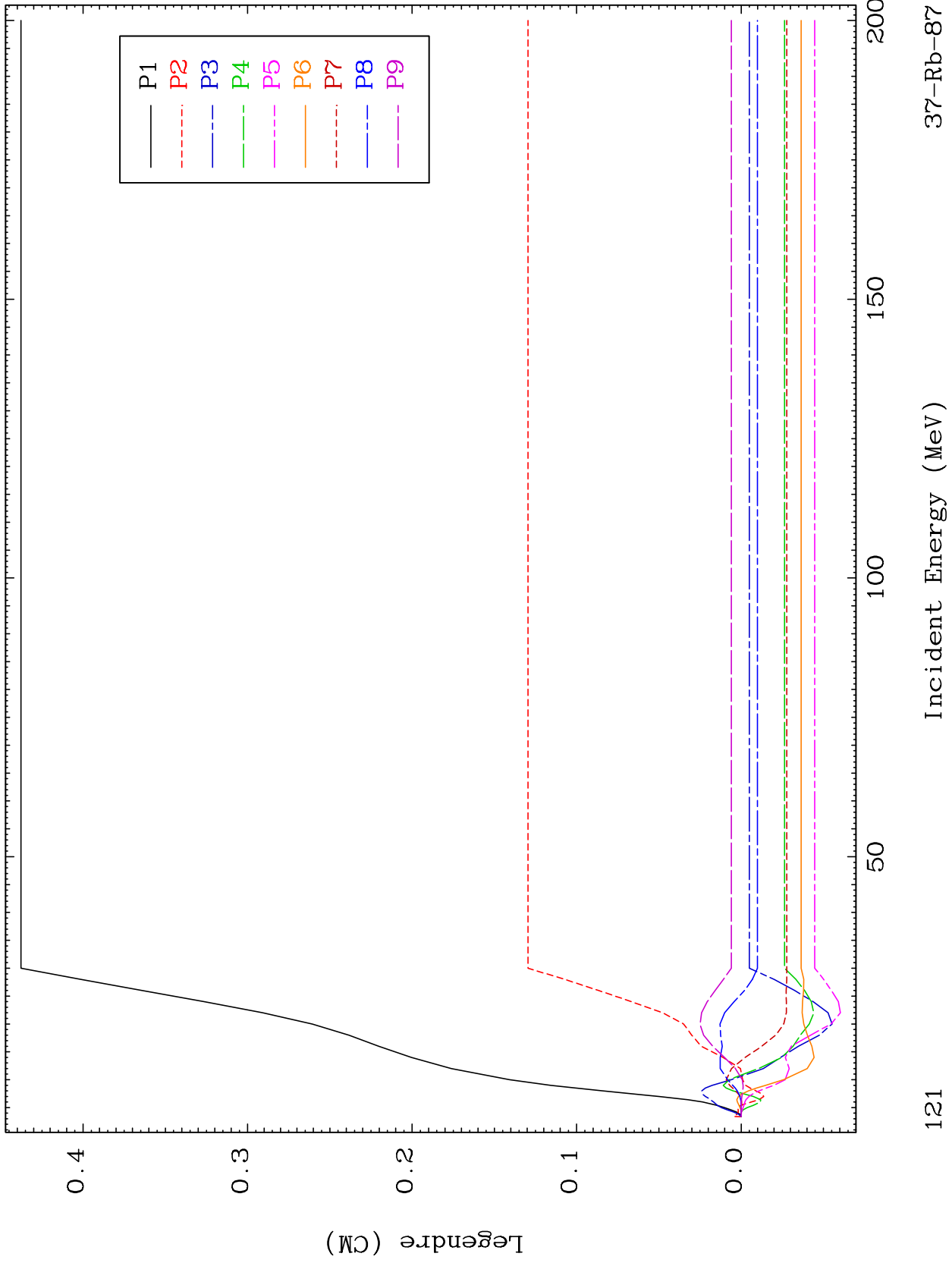
37-Rb-87



MAT 3731

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

37-Rb-87



121

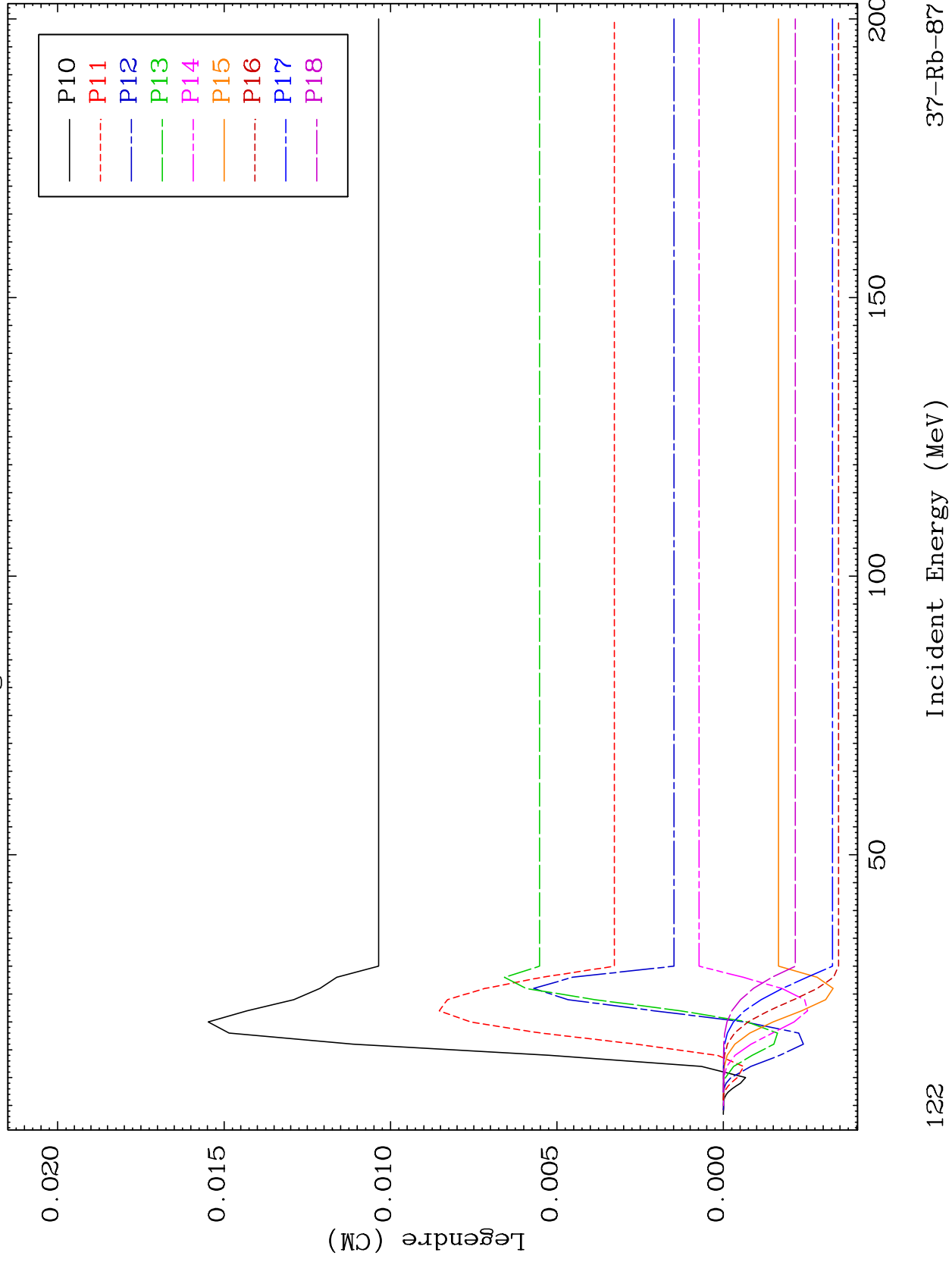
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

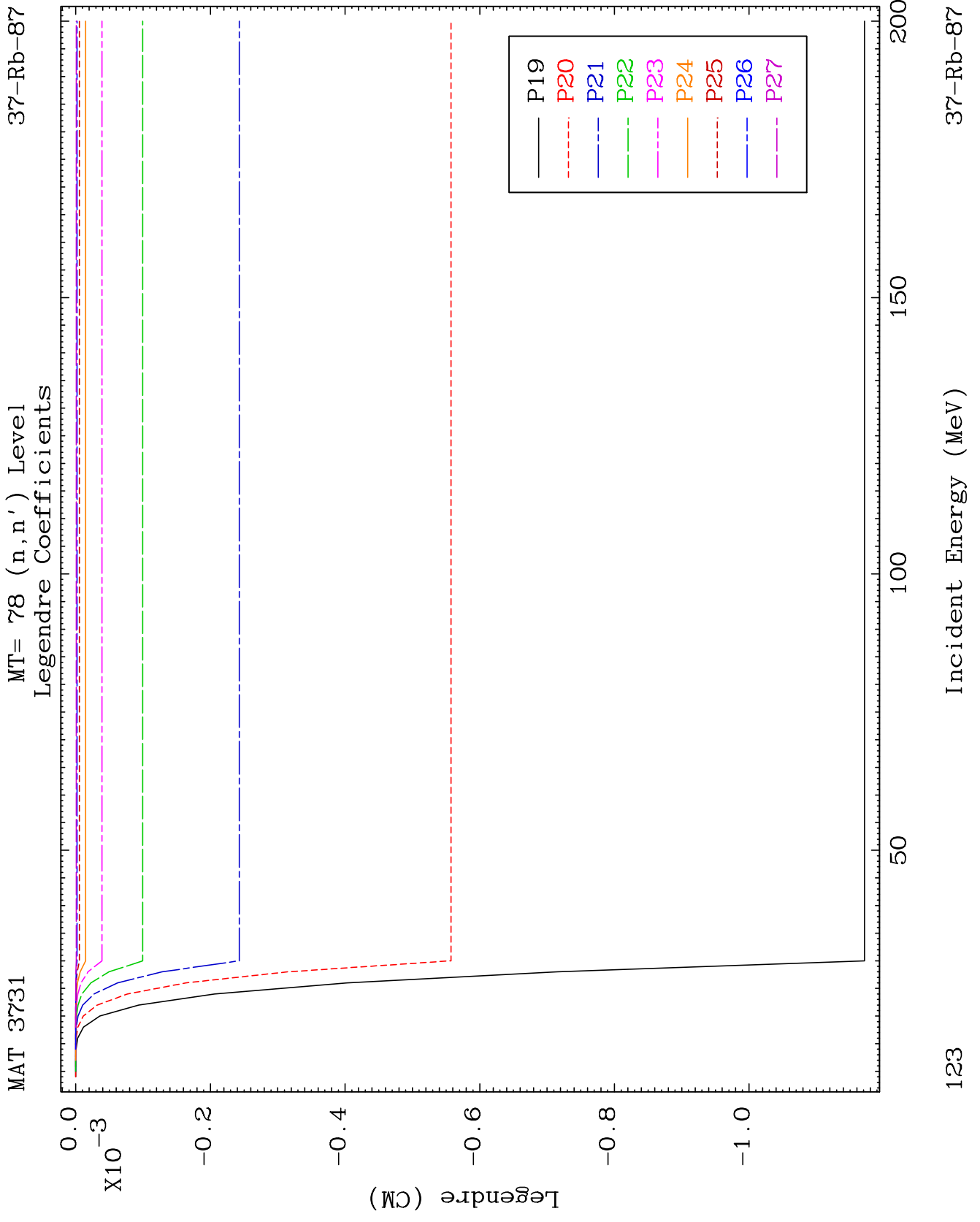
37-Rb-87

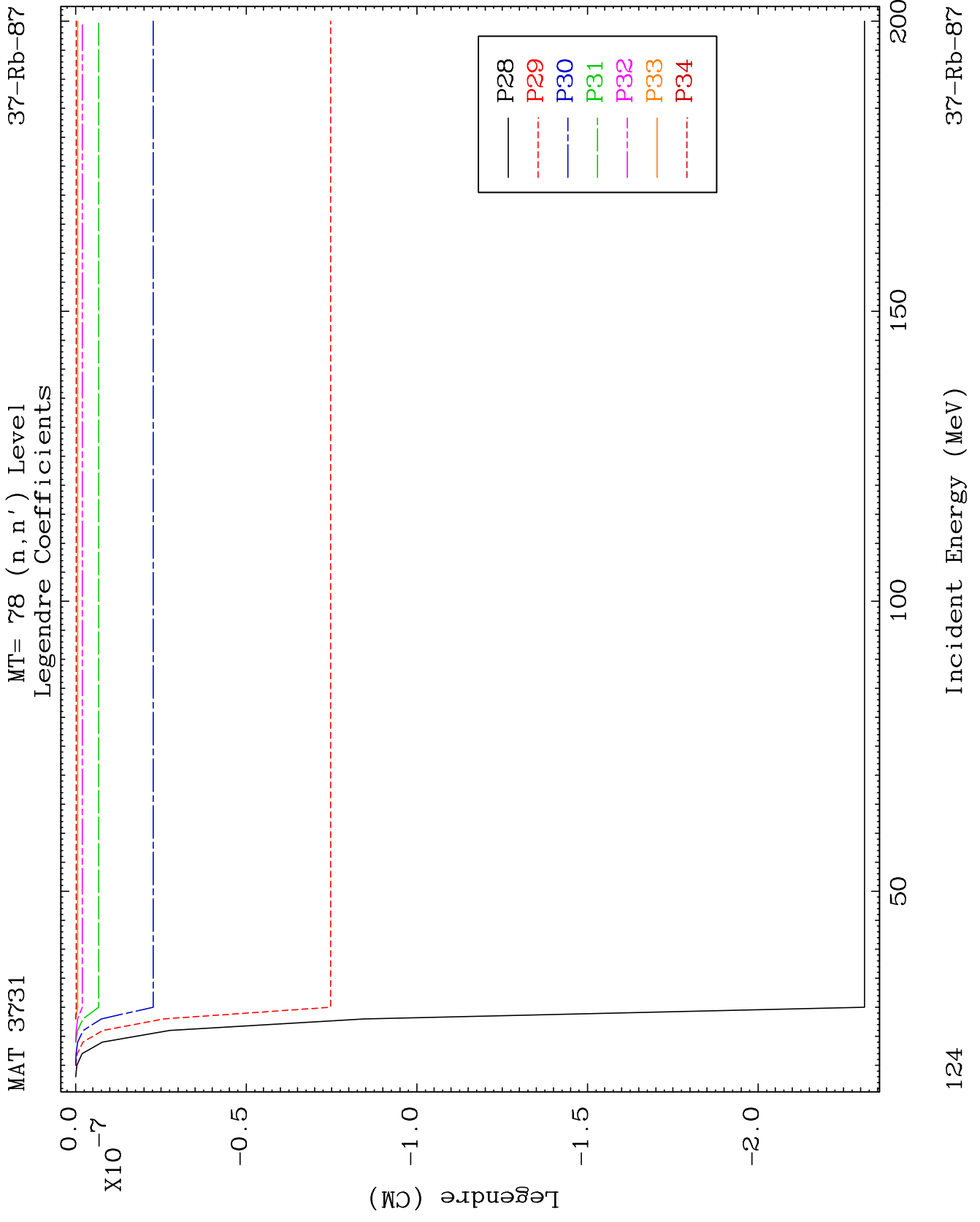


122

Incident Energy (MeV)

37-Rb-87

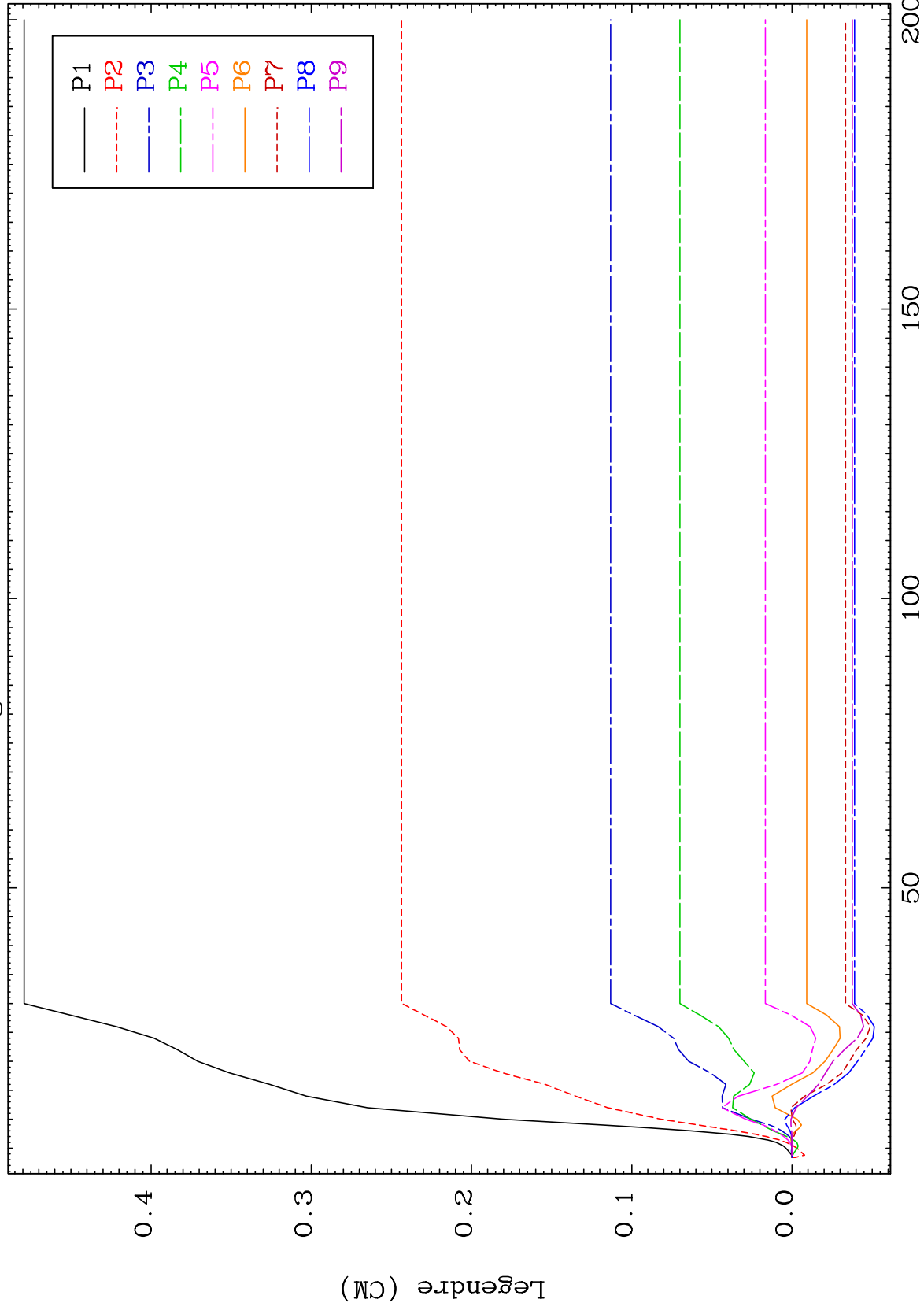




MAT 3731

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

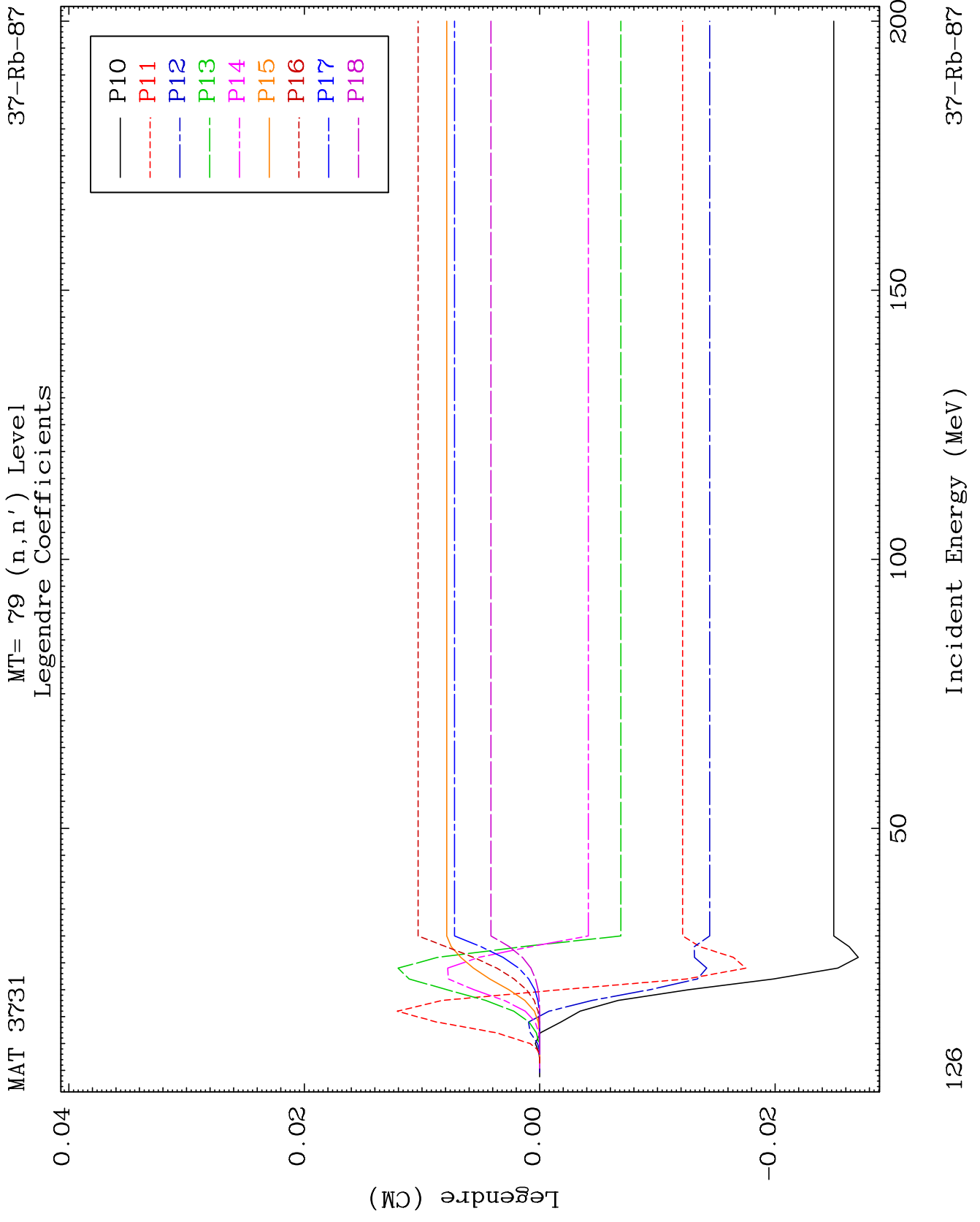
37-Rb-87



125

Incident Energy (MeV)

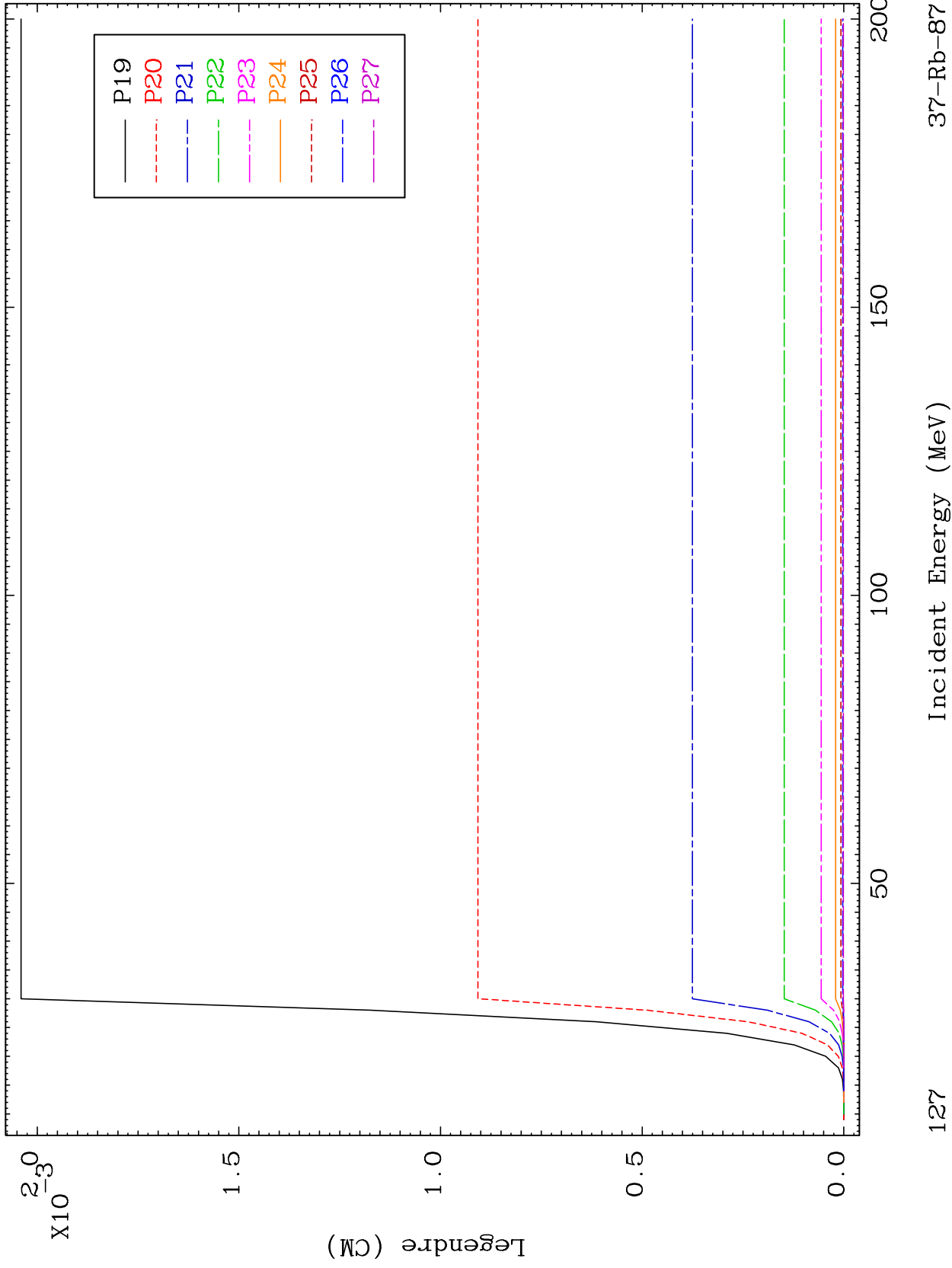
37-Rb-87



MAT 3731

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

37-Rb-87



127

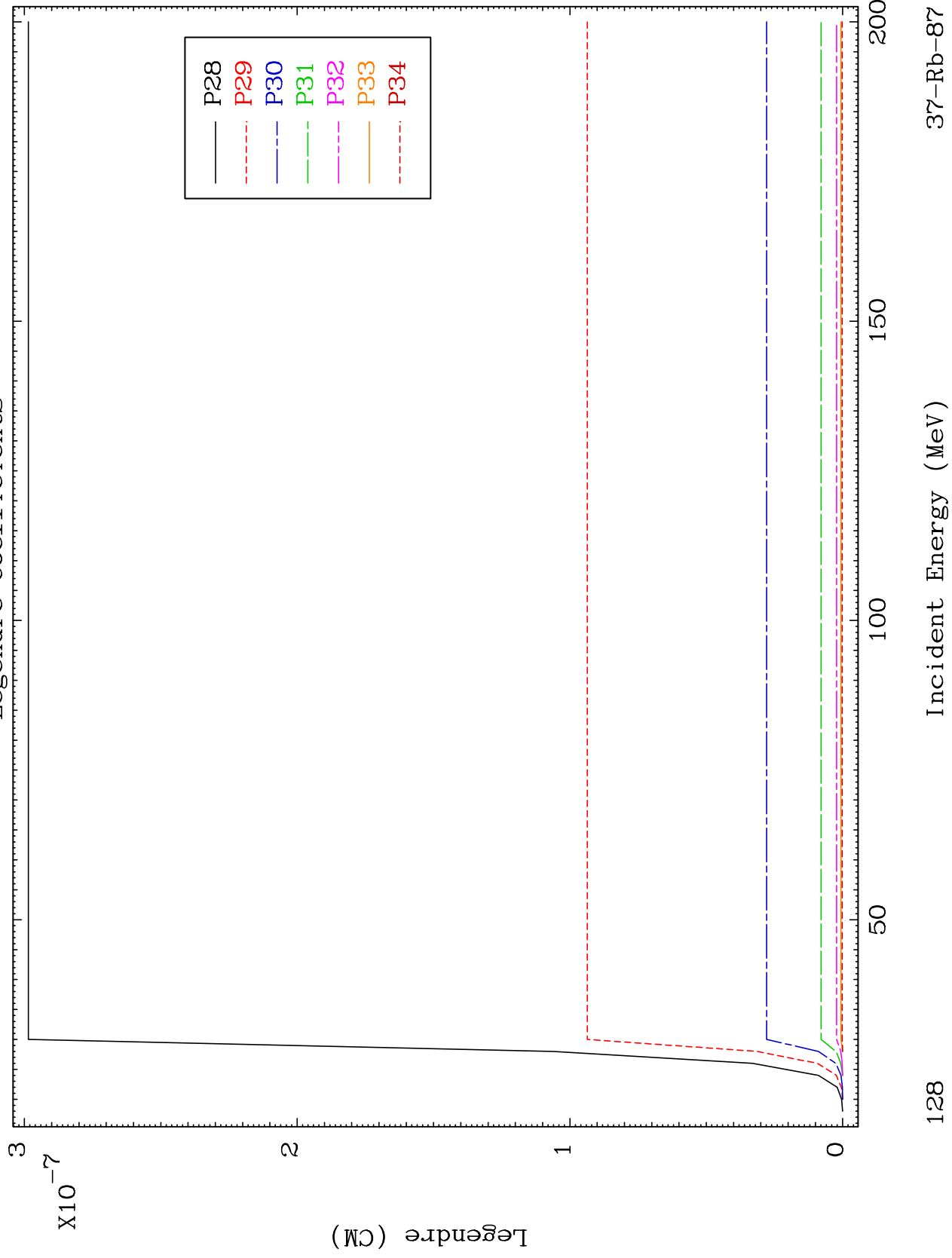
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



128

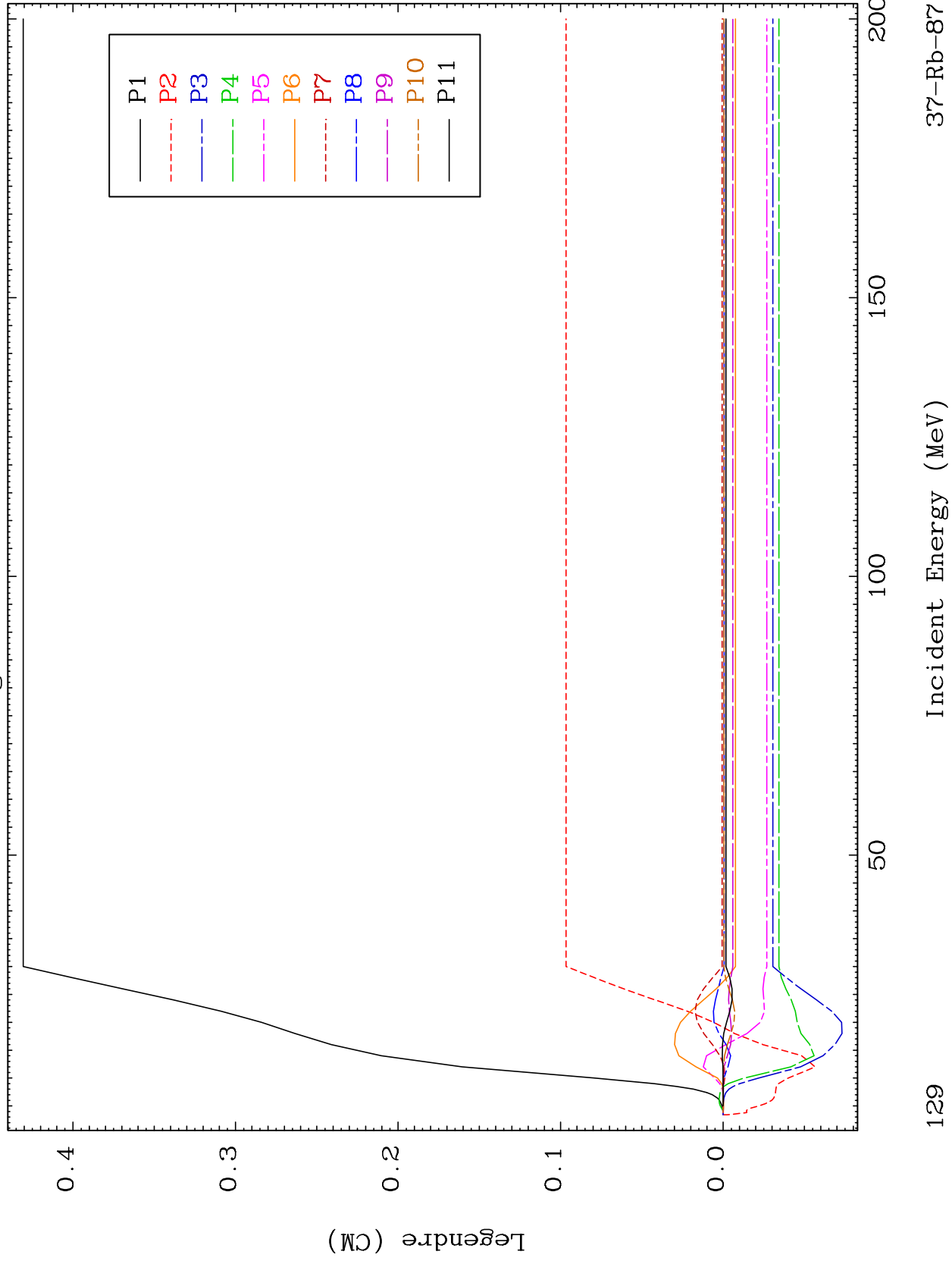
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



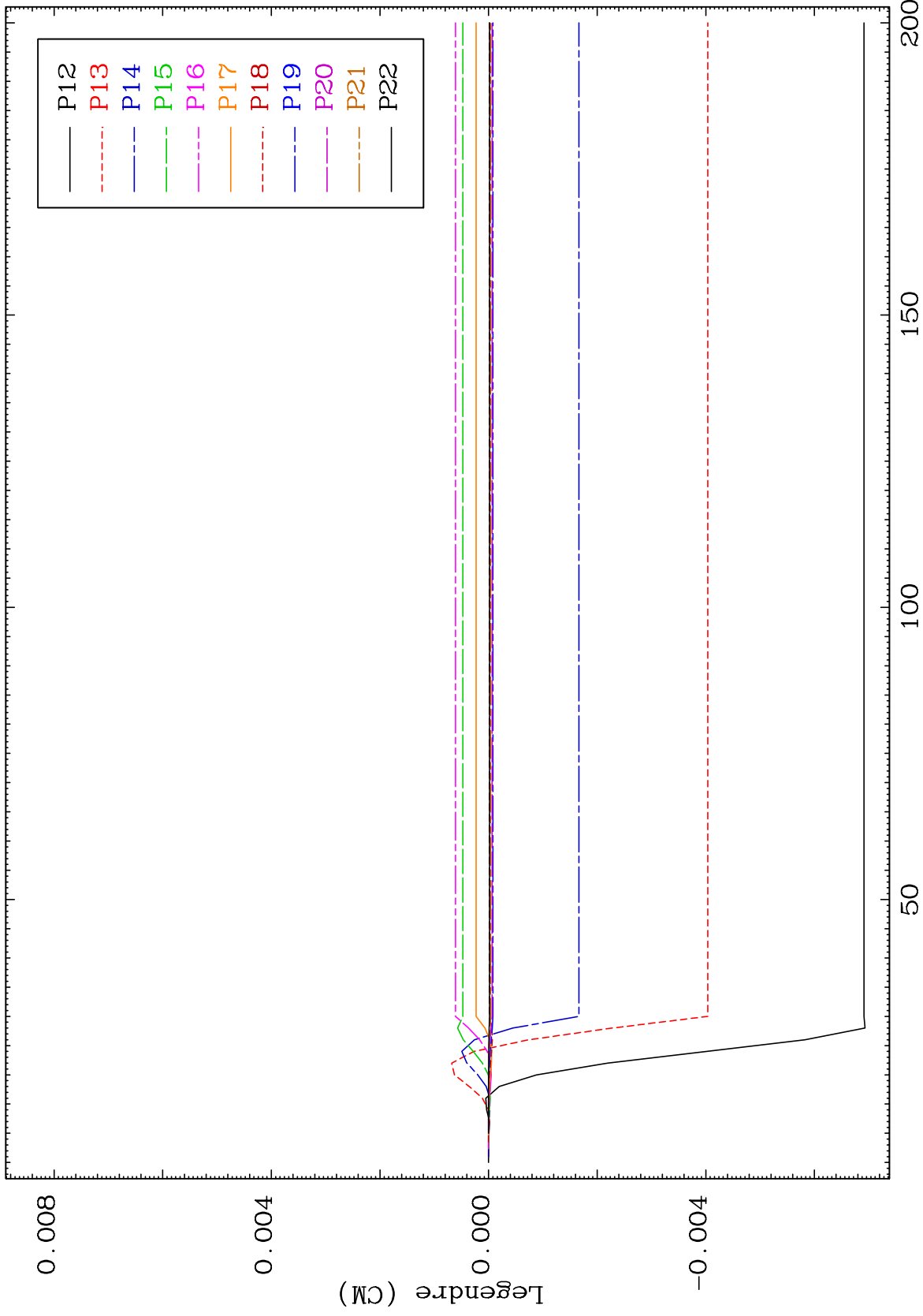
129

37-Rb-87

MAT 3731

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

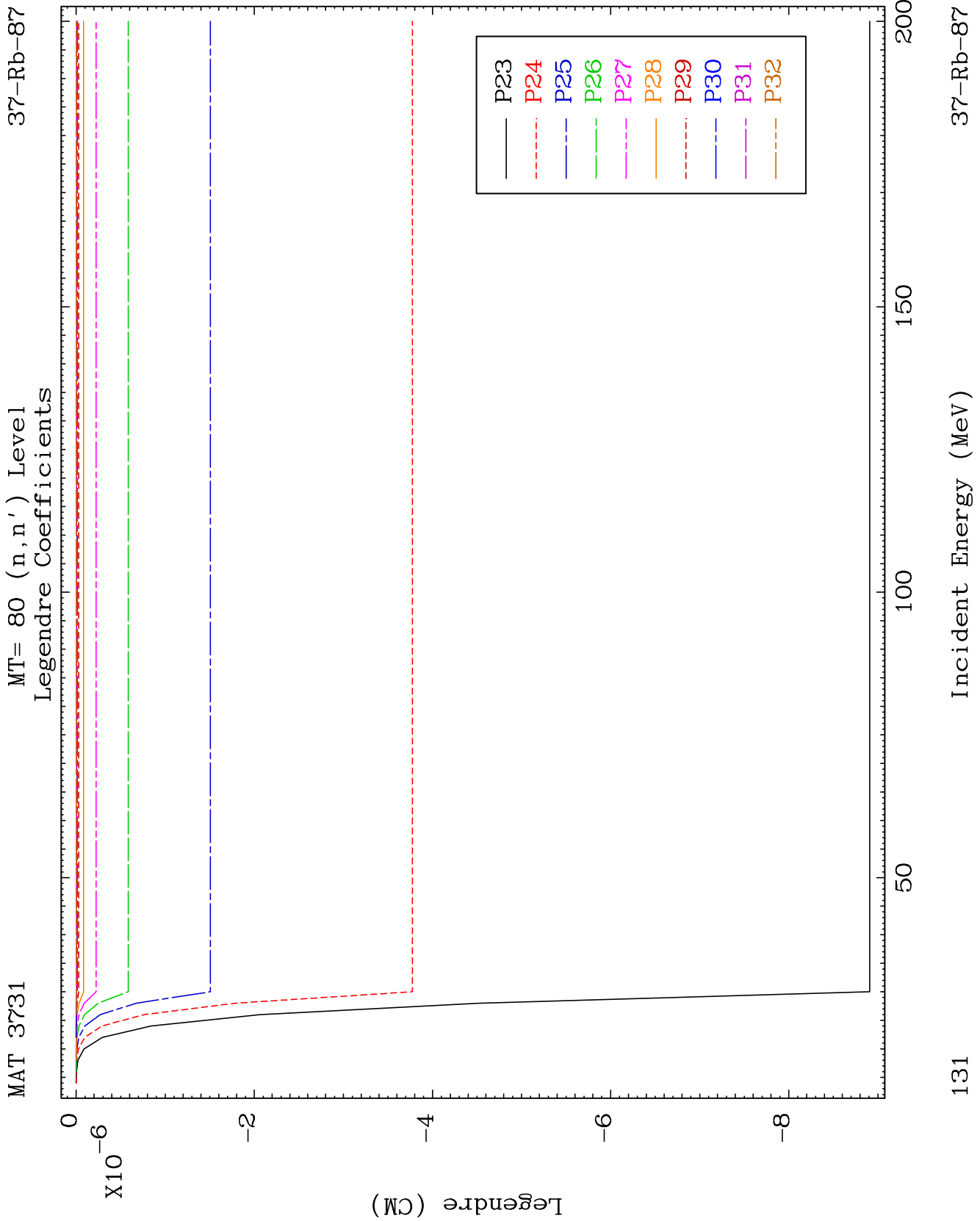
37-Rb-87



130

Incident Energy (MeV)

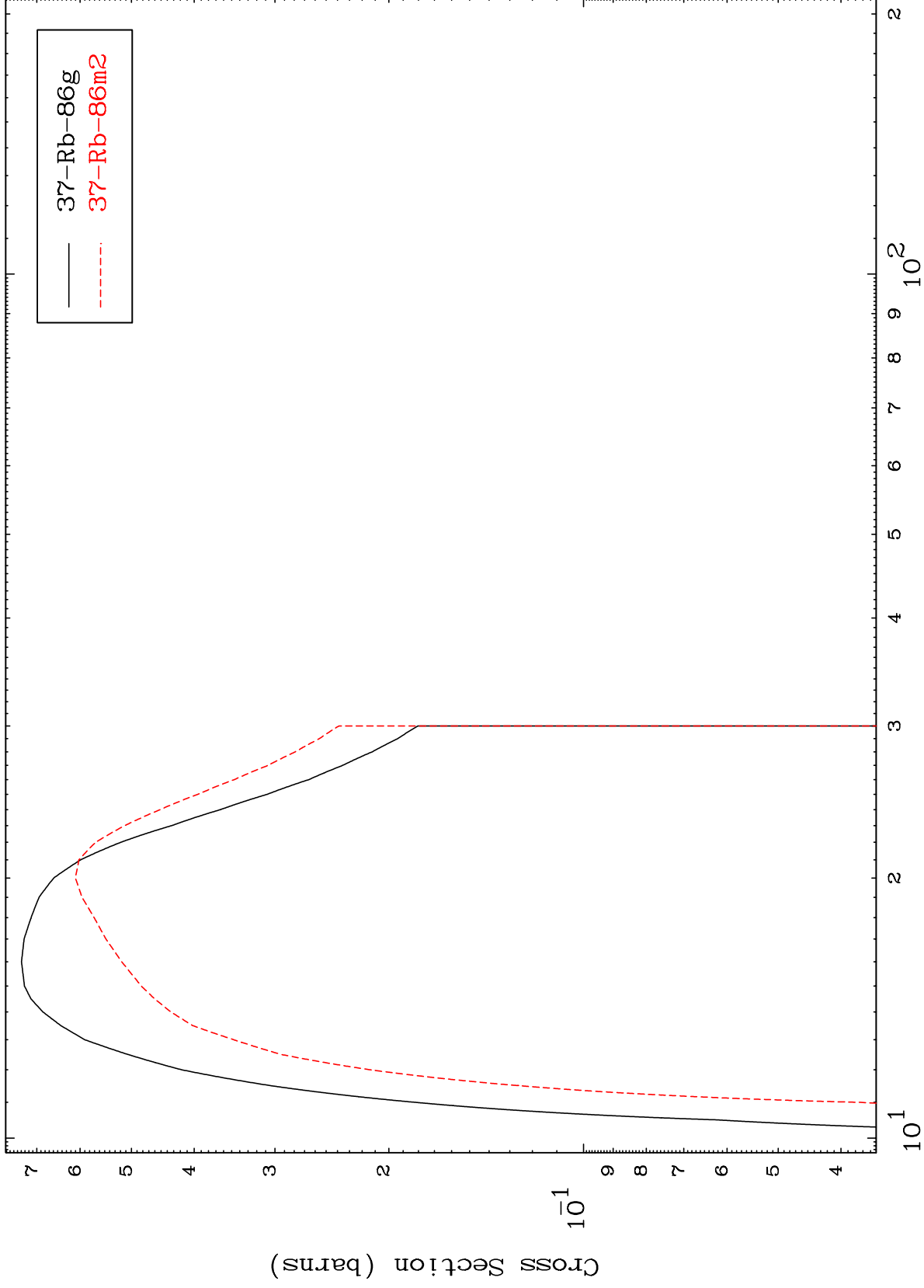
37-Rb-87



MAT 3731

37-Rb-87

(n,2n)
Radionuclide Production Cross Section



37-Rb-87

Incident Energy (MeV)

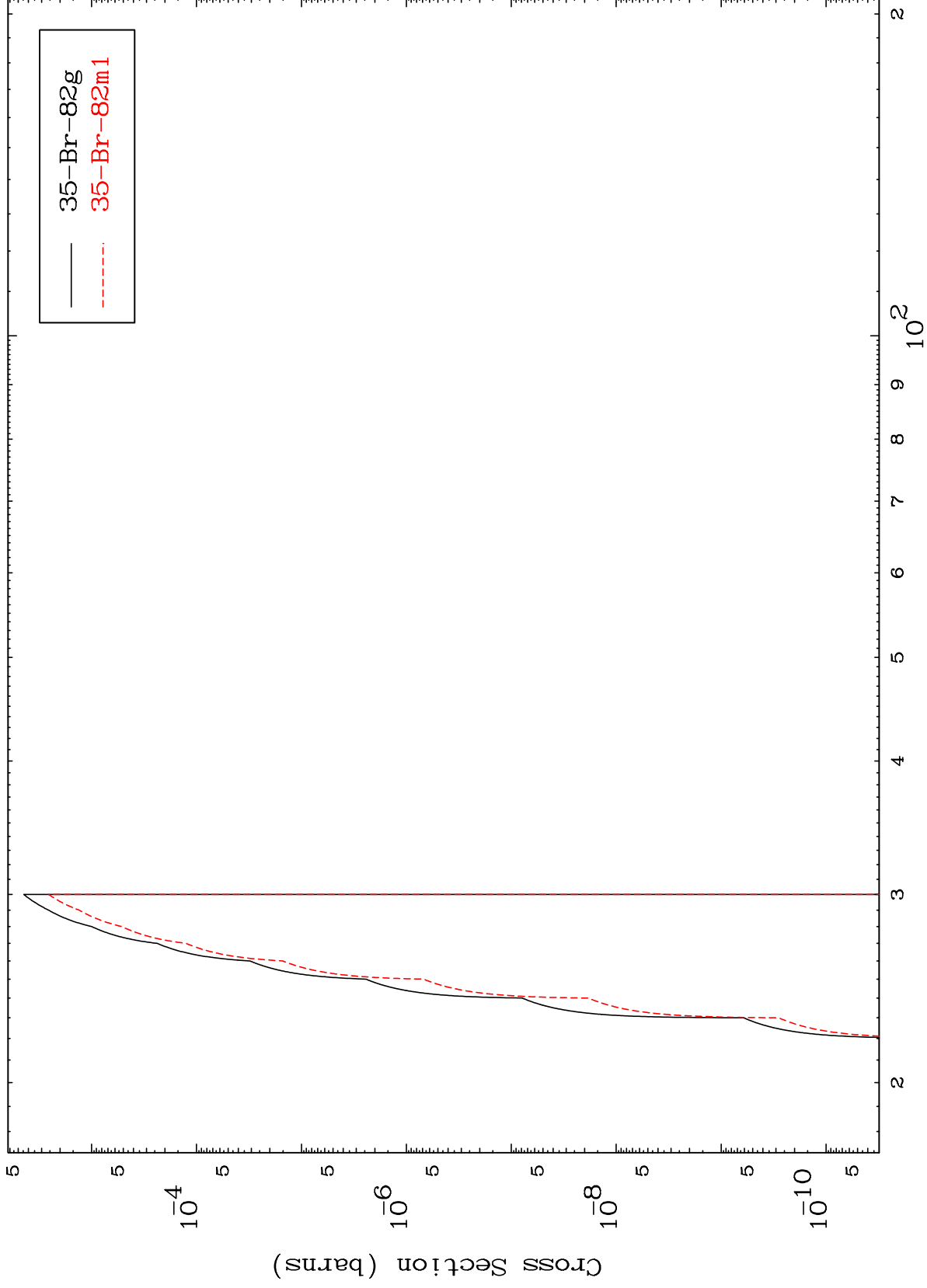
132

MAT 3731

$(n,2n) \alpha$

37-Rb-87

Radionuclide Production Cross Section



133

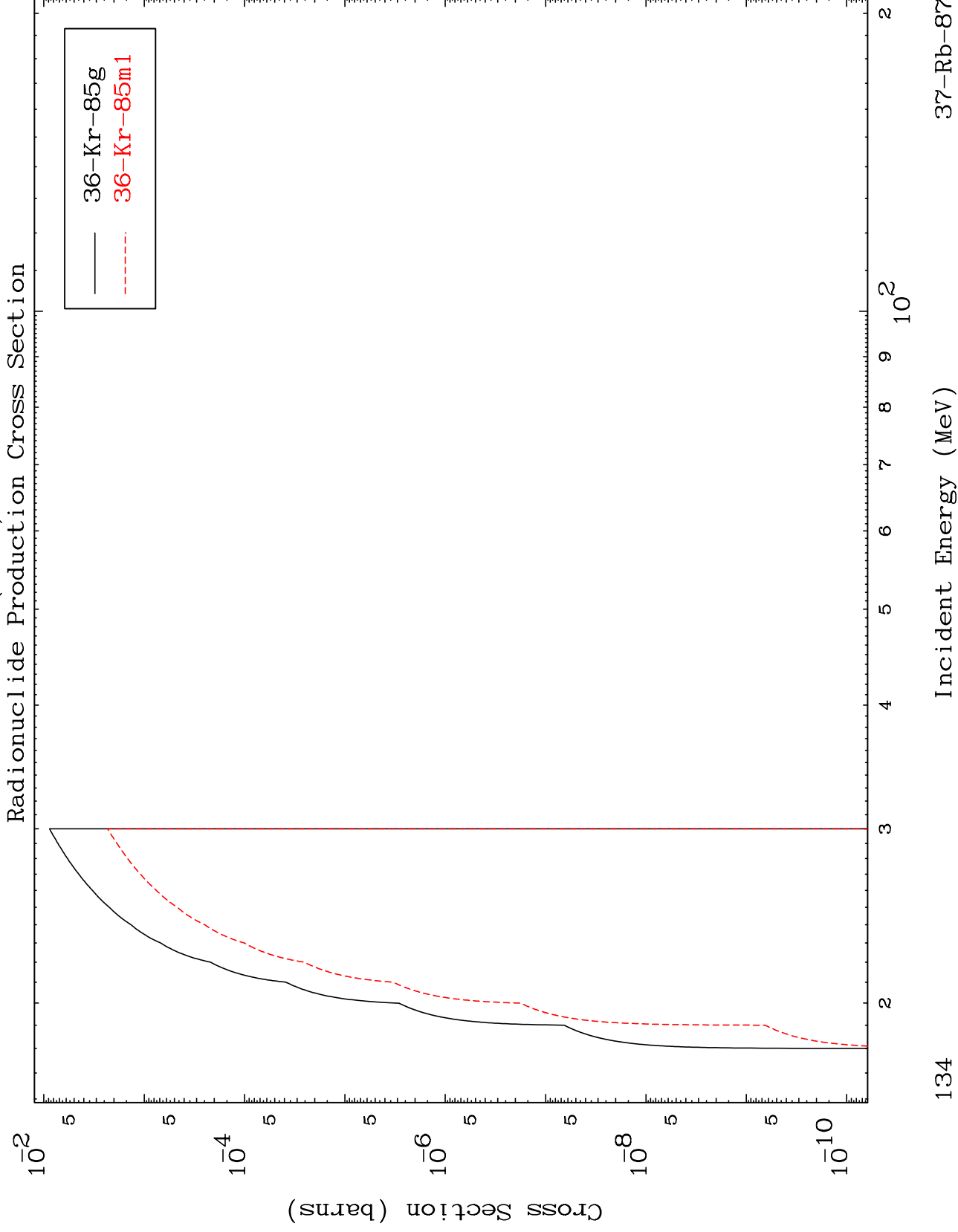
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,n') d

37-Rb-87



134

Incident Energy (MeV)

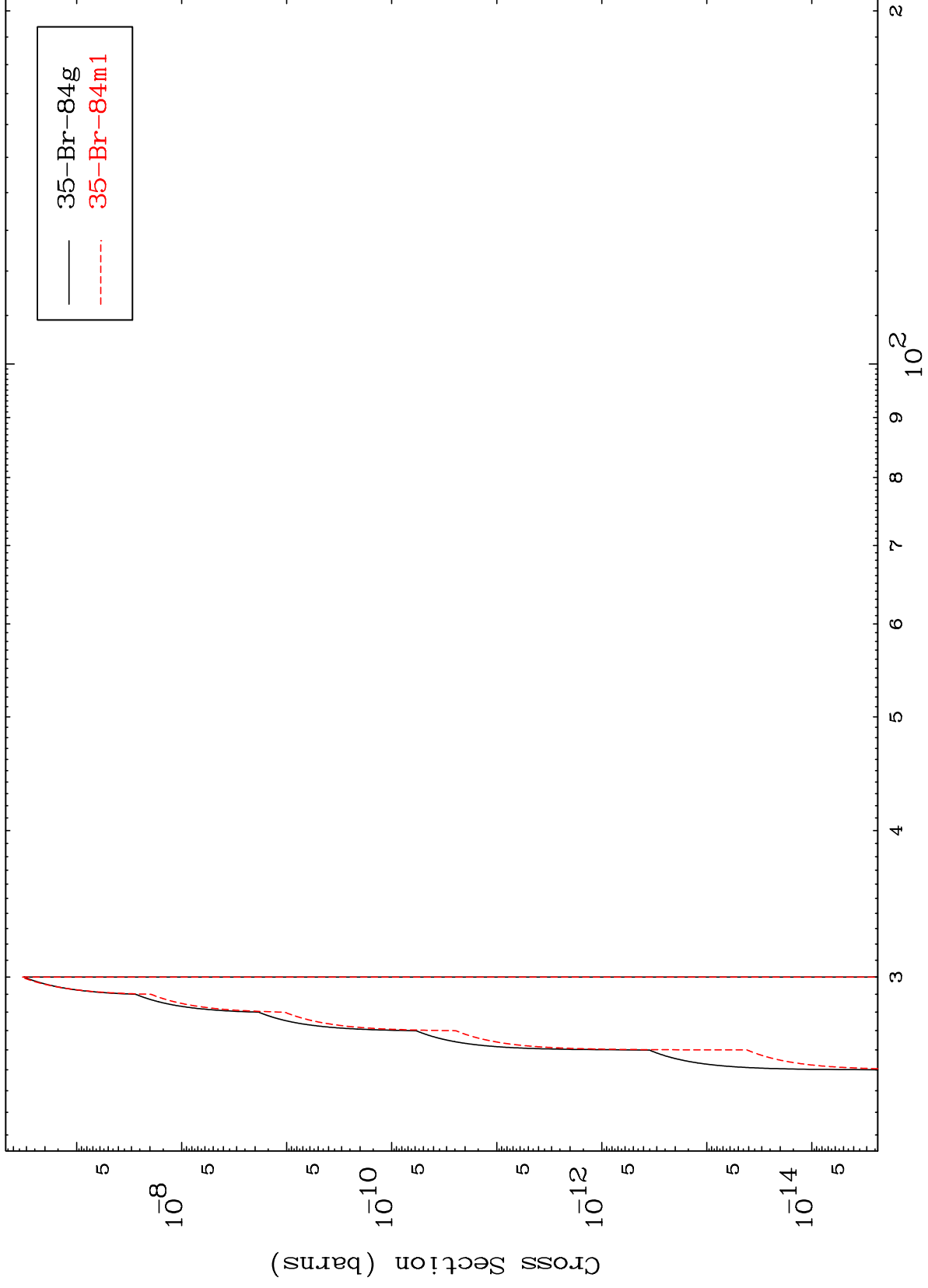
37-Rb-87

MAT 3731

(n,n') He-3

37-Rb-87

Radionuclide Production Cross Section



135

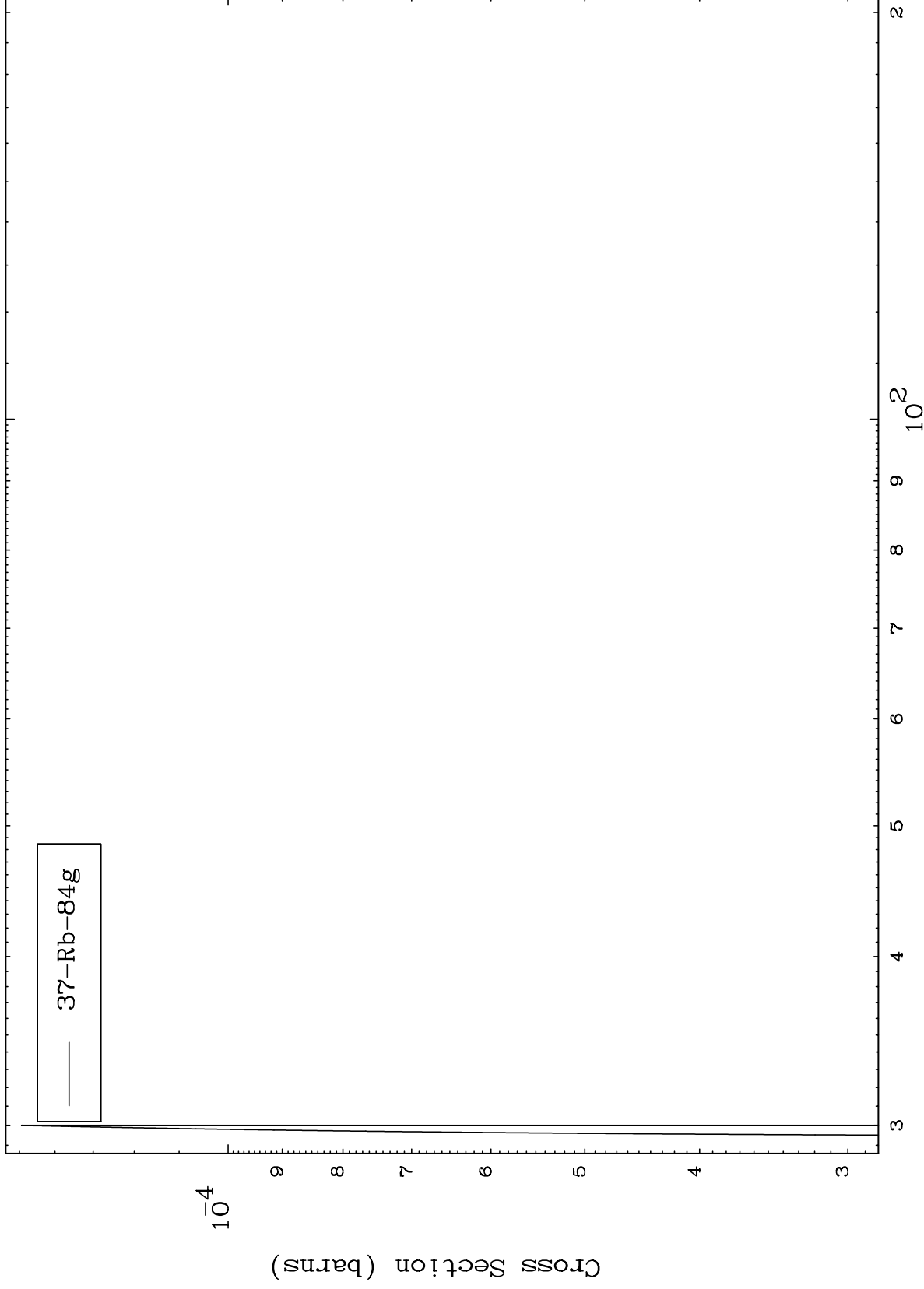
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

(n,4n)
Radionuclide Production Cross Section



136

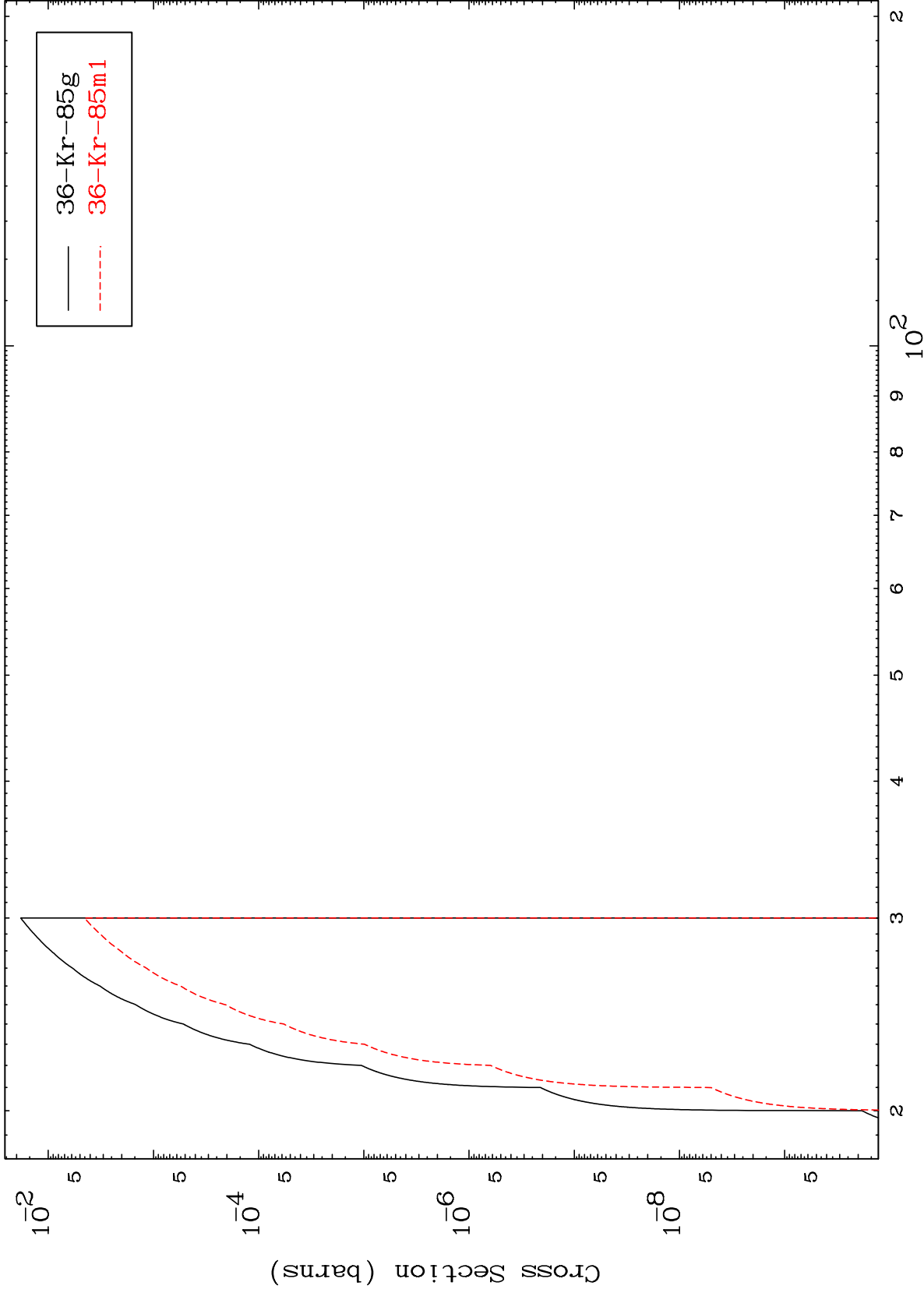
37-Rb-87

MAT 3731

(n,2n) p

37-Rb-87

Radionuclide Production Cross Section



137

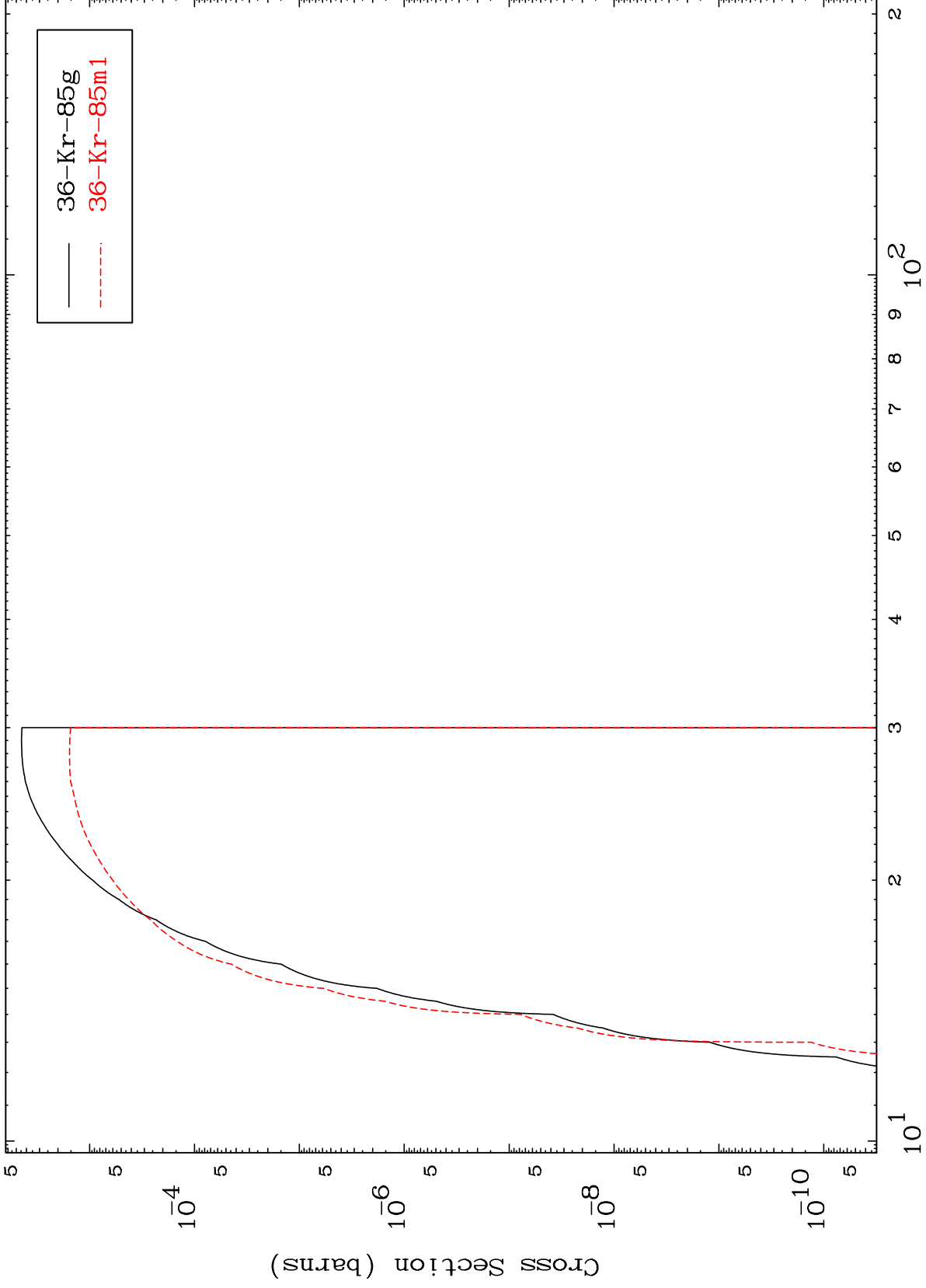
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

(n, t)
Radionuclide Production Cross Section



37-Rb-87

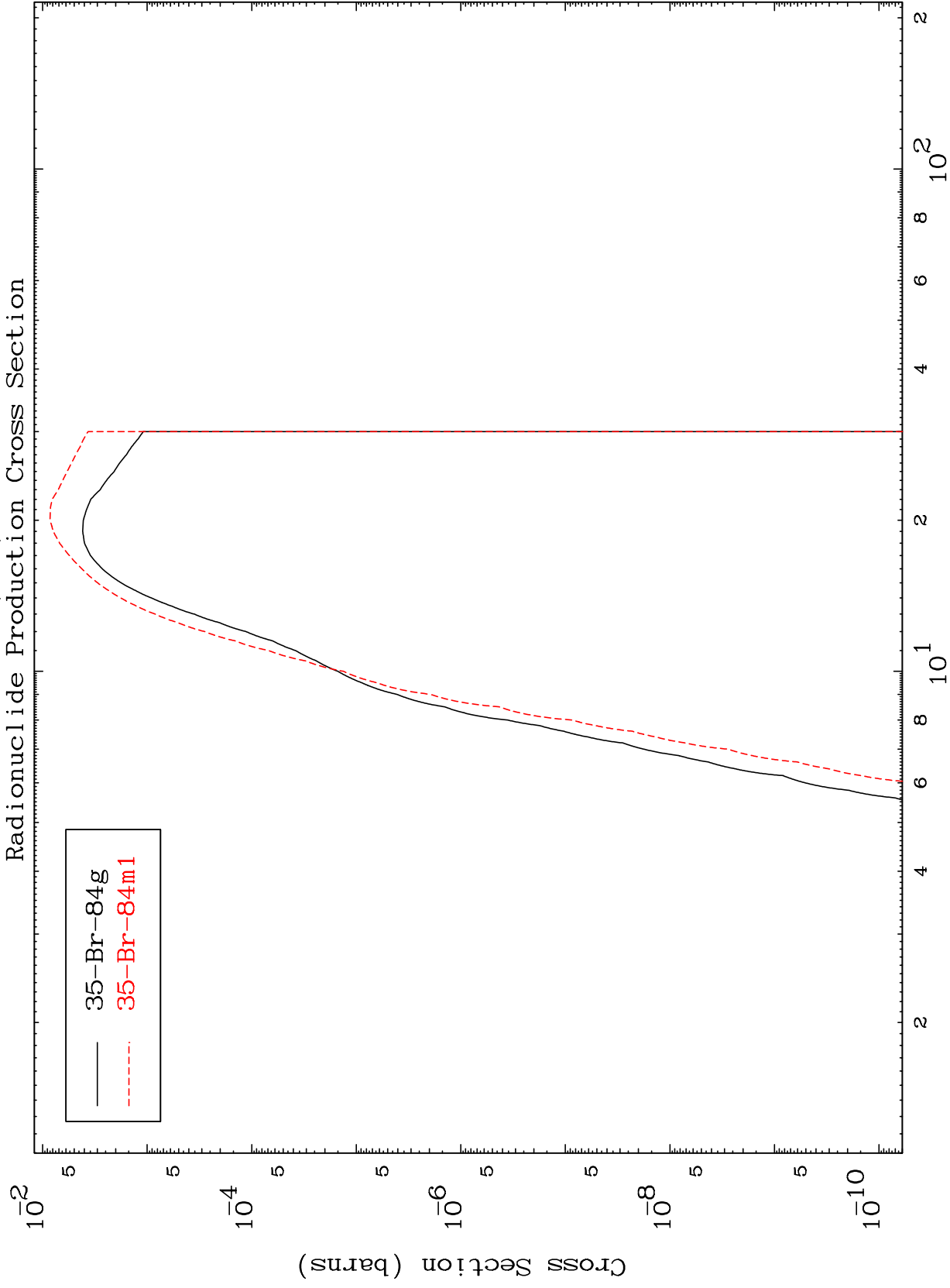
Incident Energy (MeV)

138

MAT 3731

37-Rb-87

Radionuclide Production Cross Section
(n, α)



139

Incident Energy (MeV)

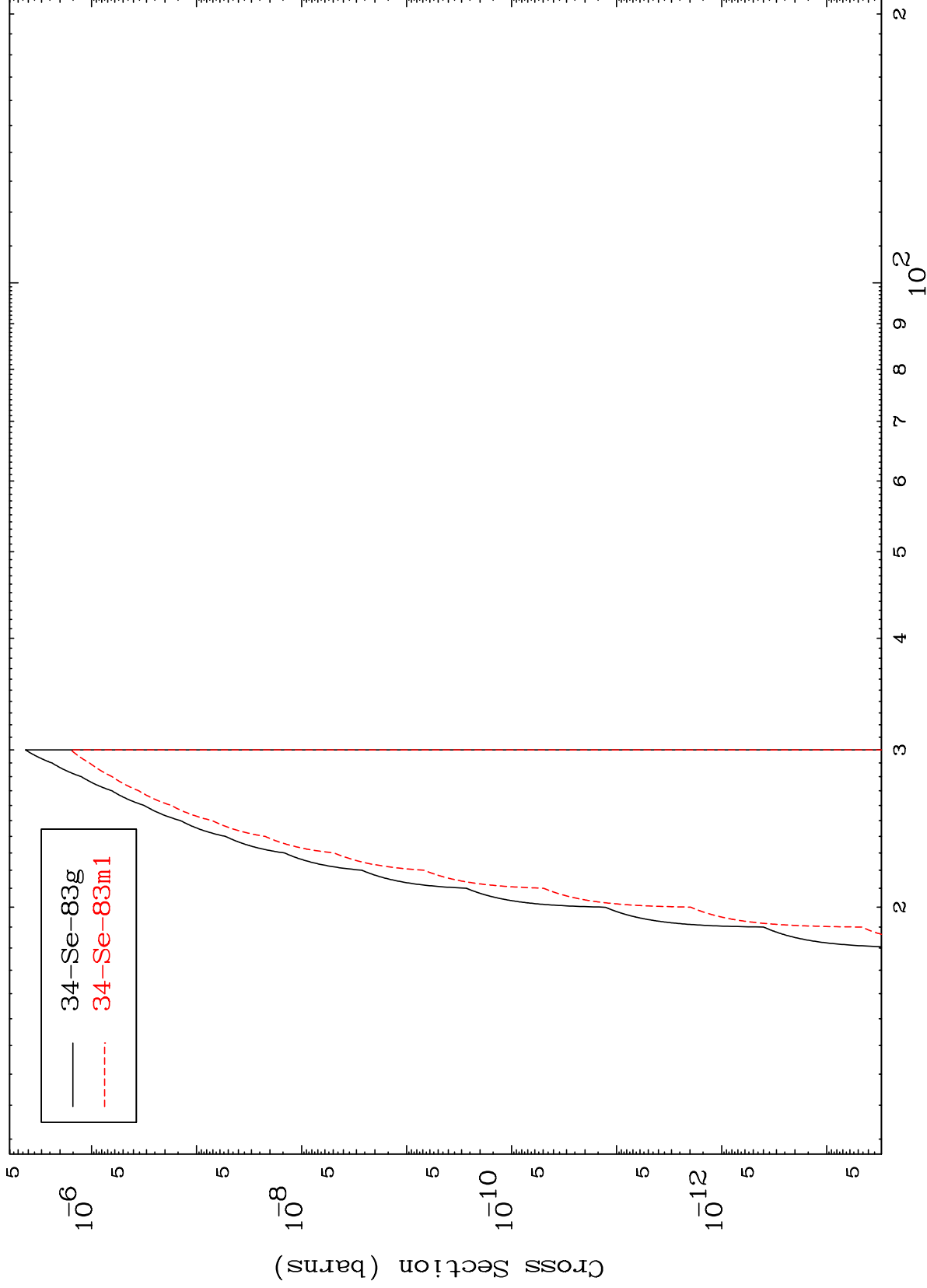
37-Rb-87

MAT 3731

(n,p) α

37-Rb-87

Radionuclide Production Cross Section



140

Incident Energy (MeV)

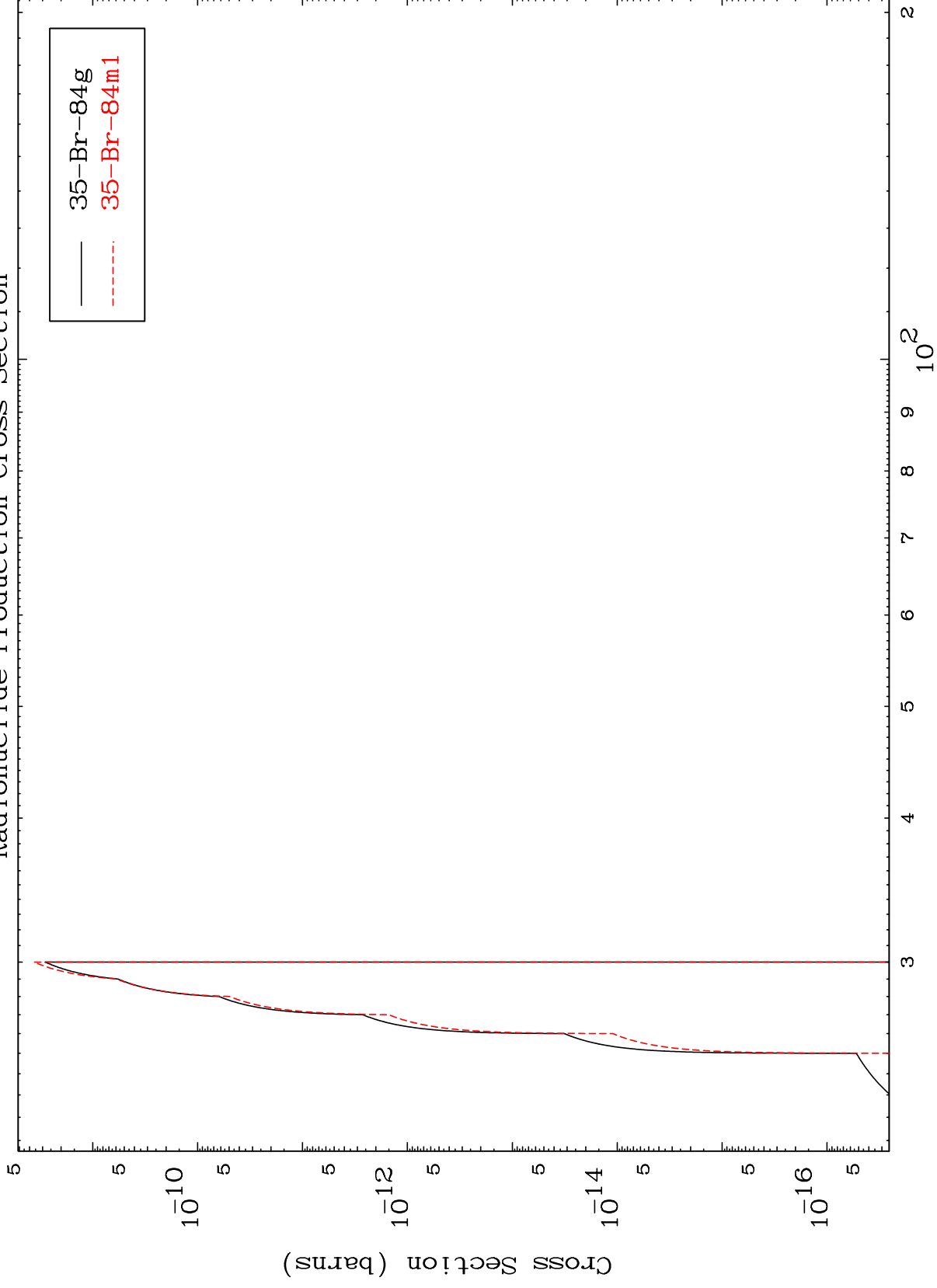
37-Rb-87

MAT 3731

(n,p) t

37-Rb-87

Radionuclide Production Cross Section



141

Incident Energy (MeV)

37-Rb-87