

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

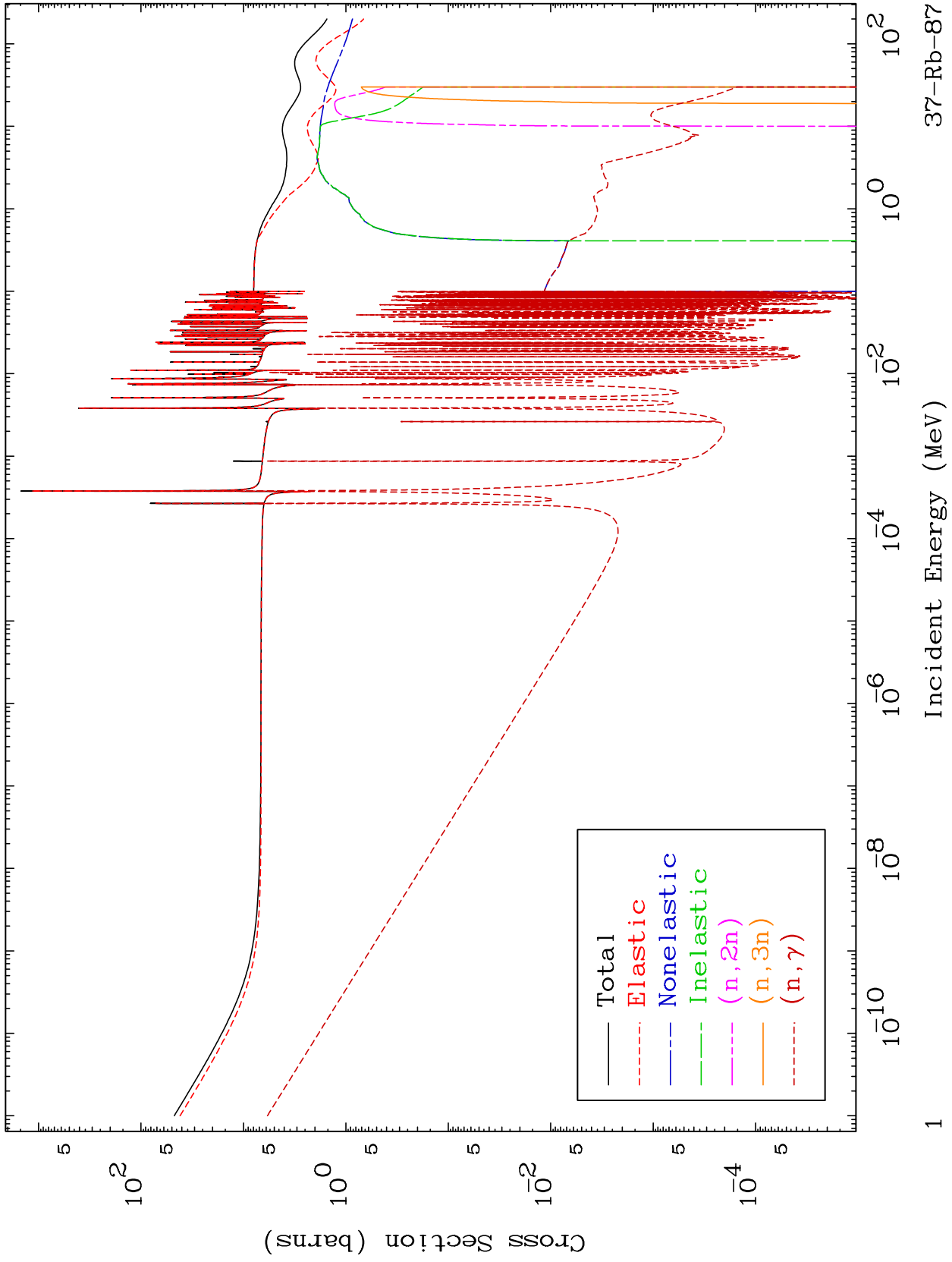
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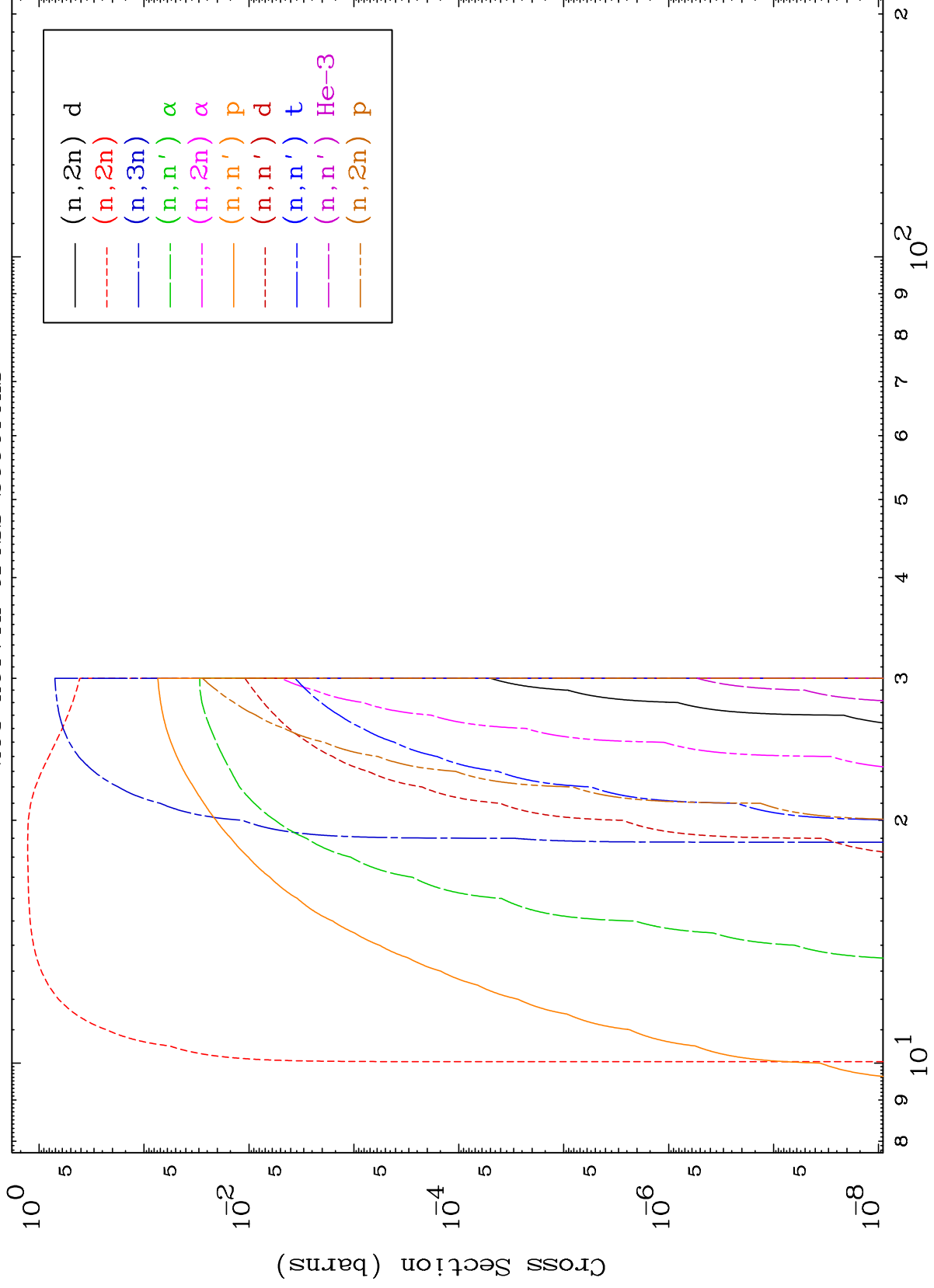
Press Mouse Button to Start

MAT 3731

Neutron Major
293 Kelvin Cross Sections

37-Rb-87

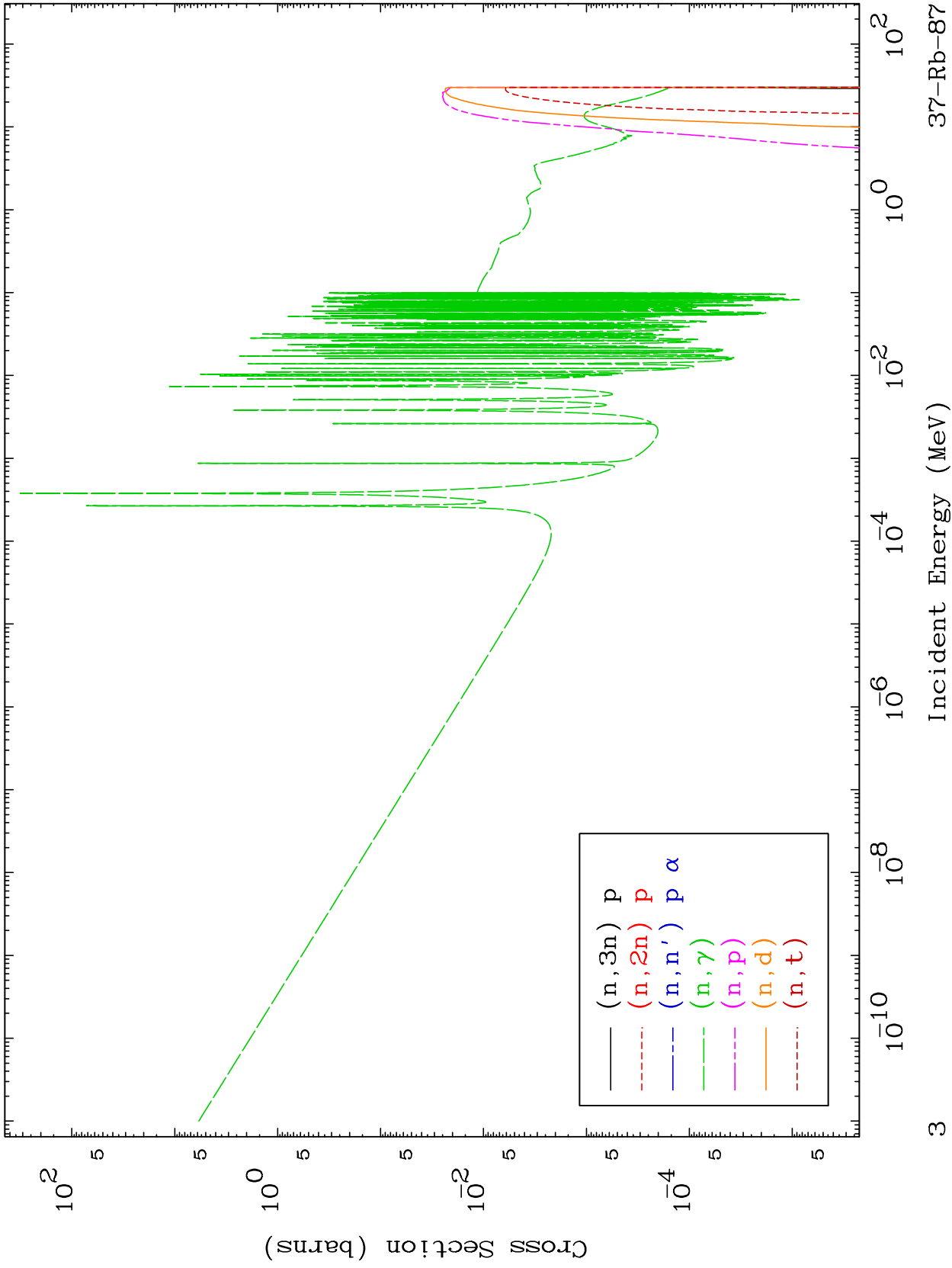


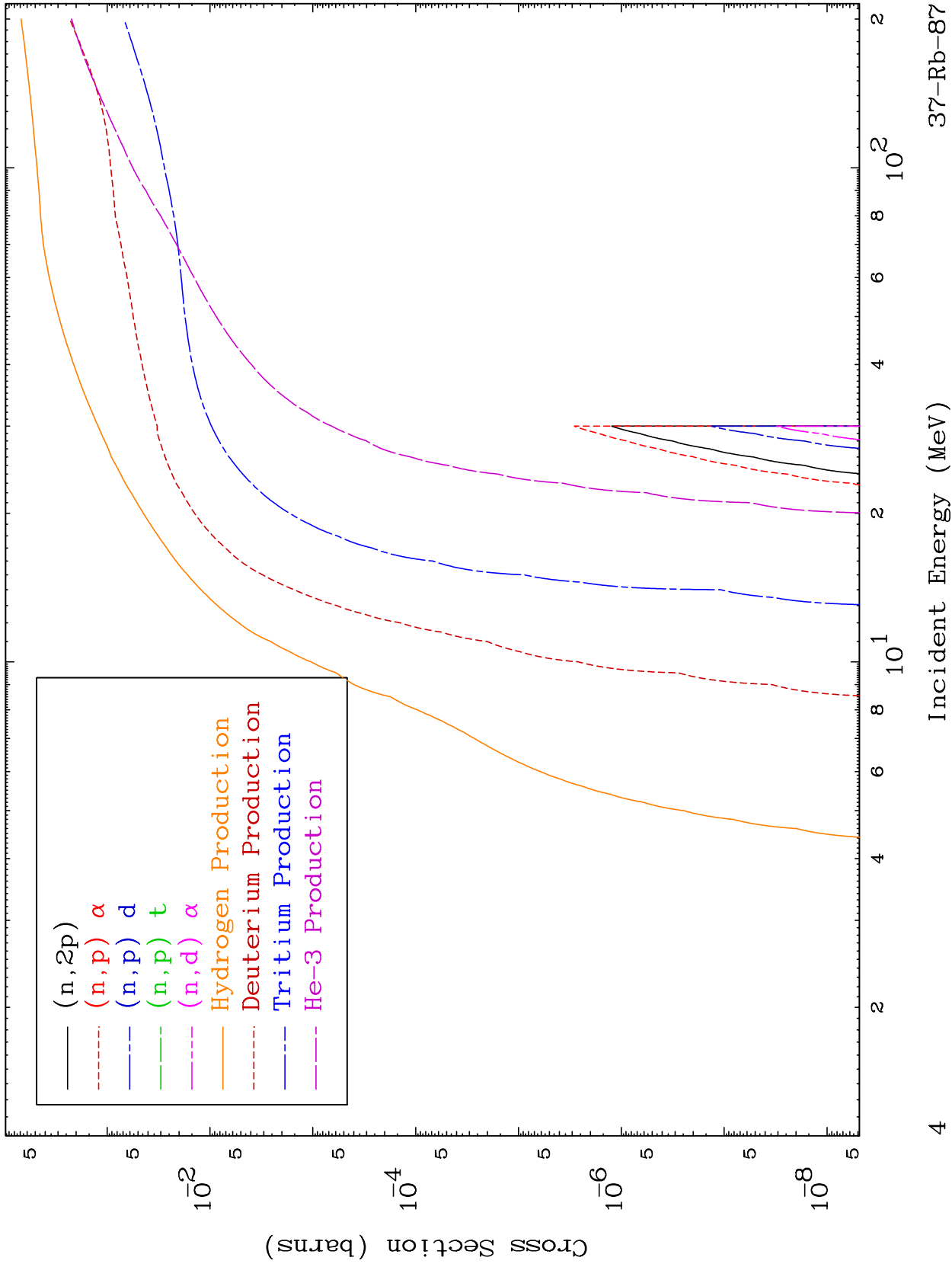


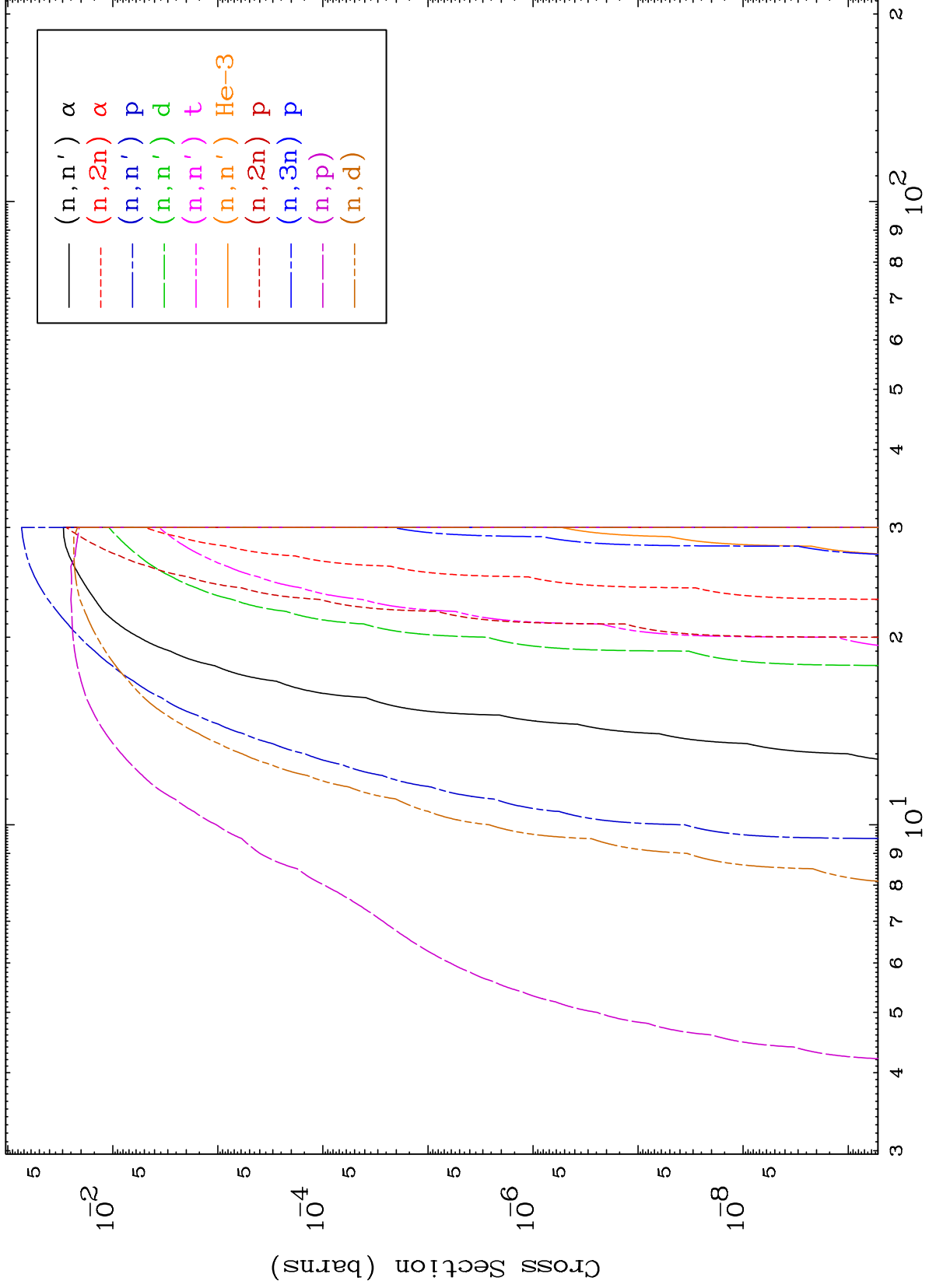
MAT 3731

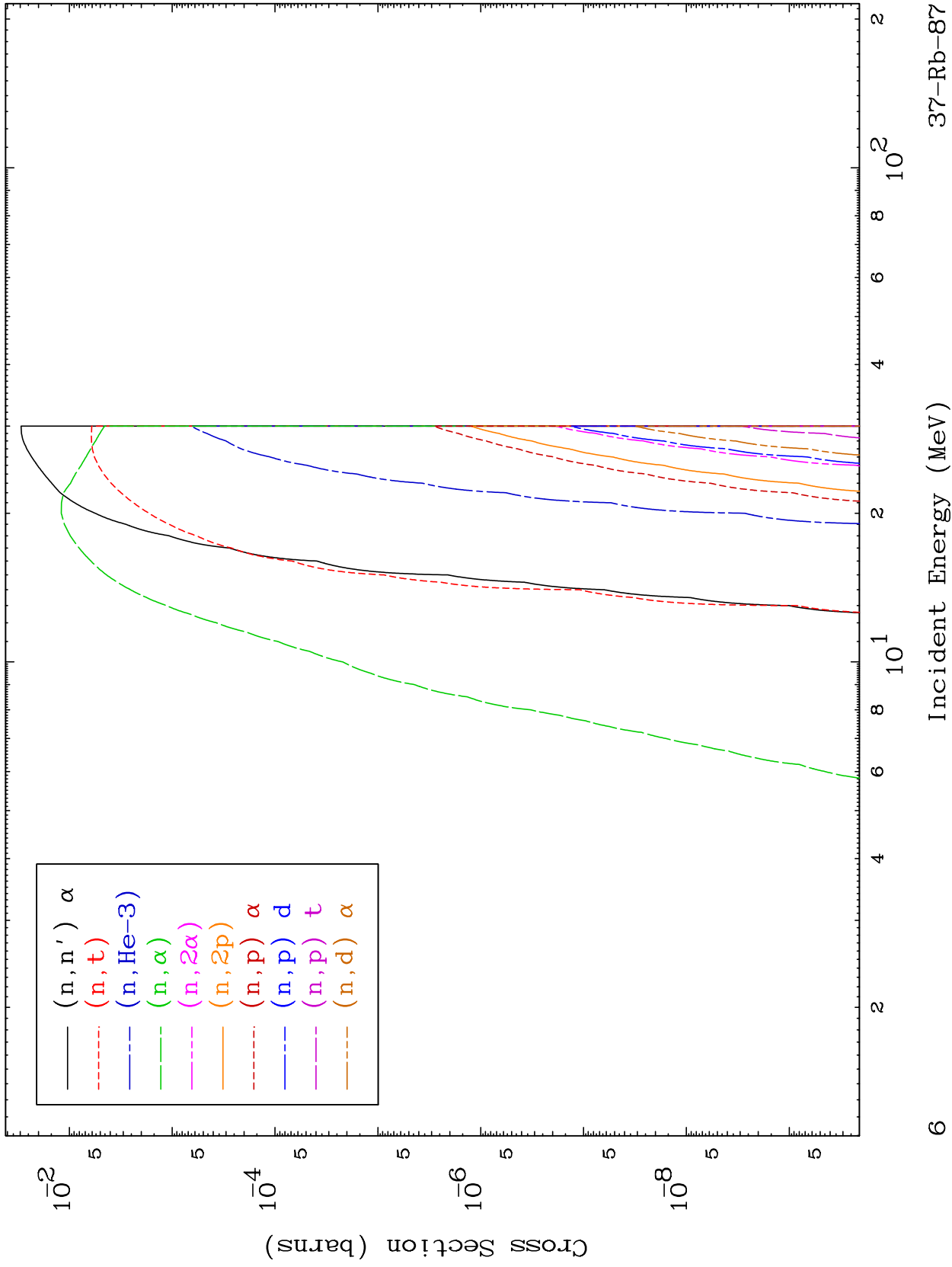
Neutron Absorption
293 Kelvin Cross Sections

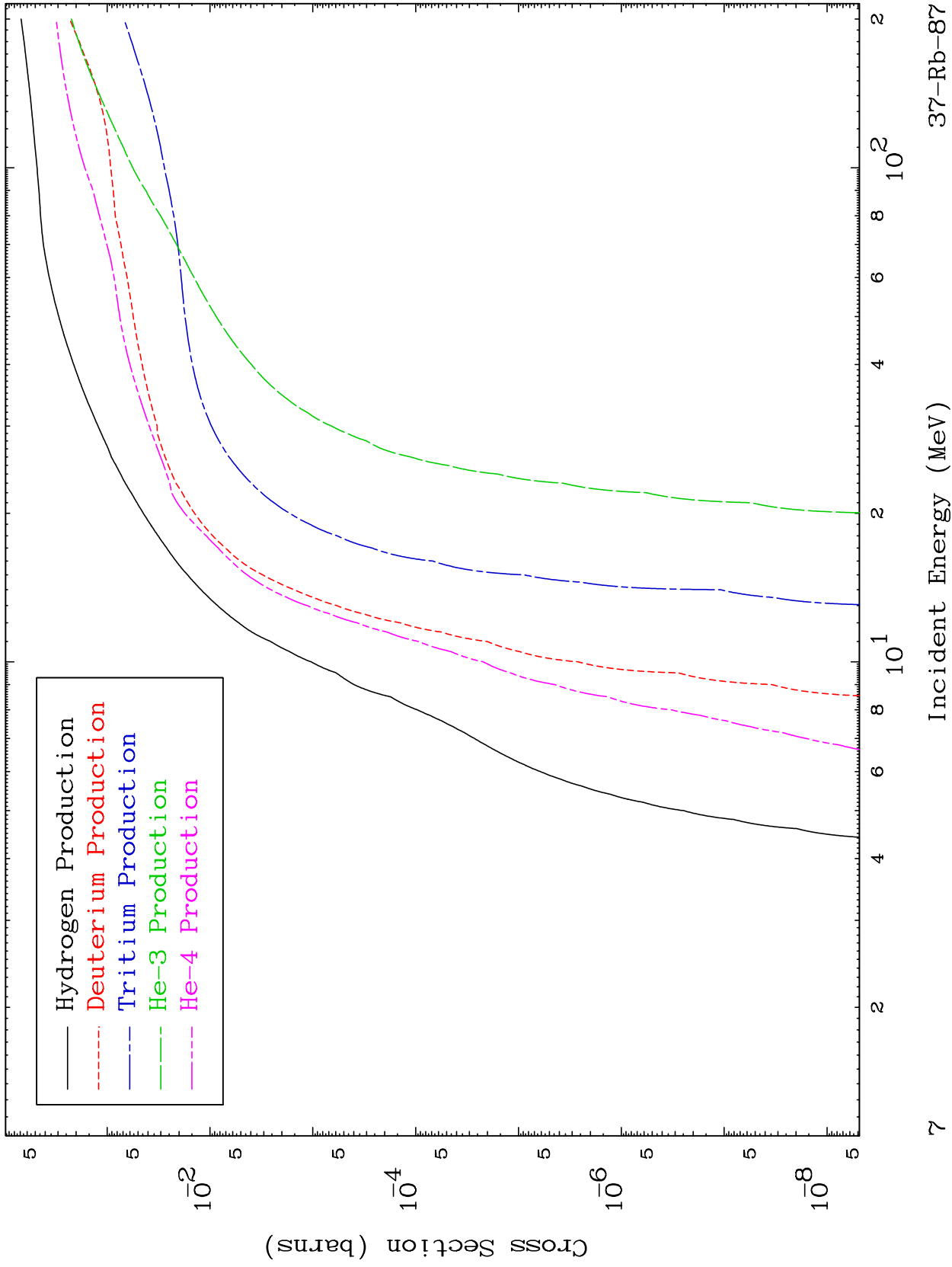
37-Rb-87









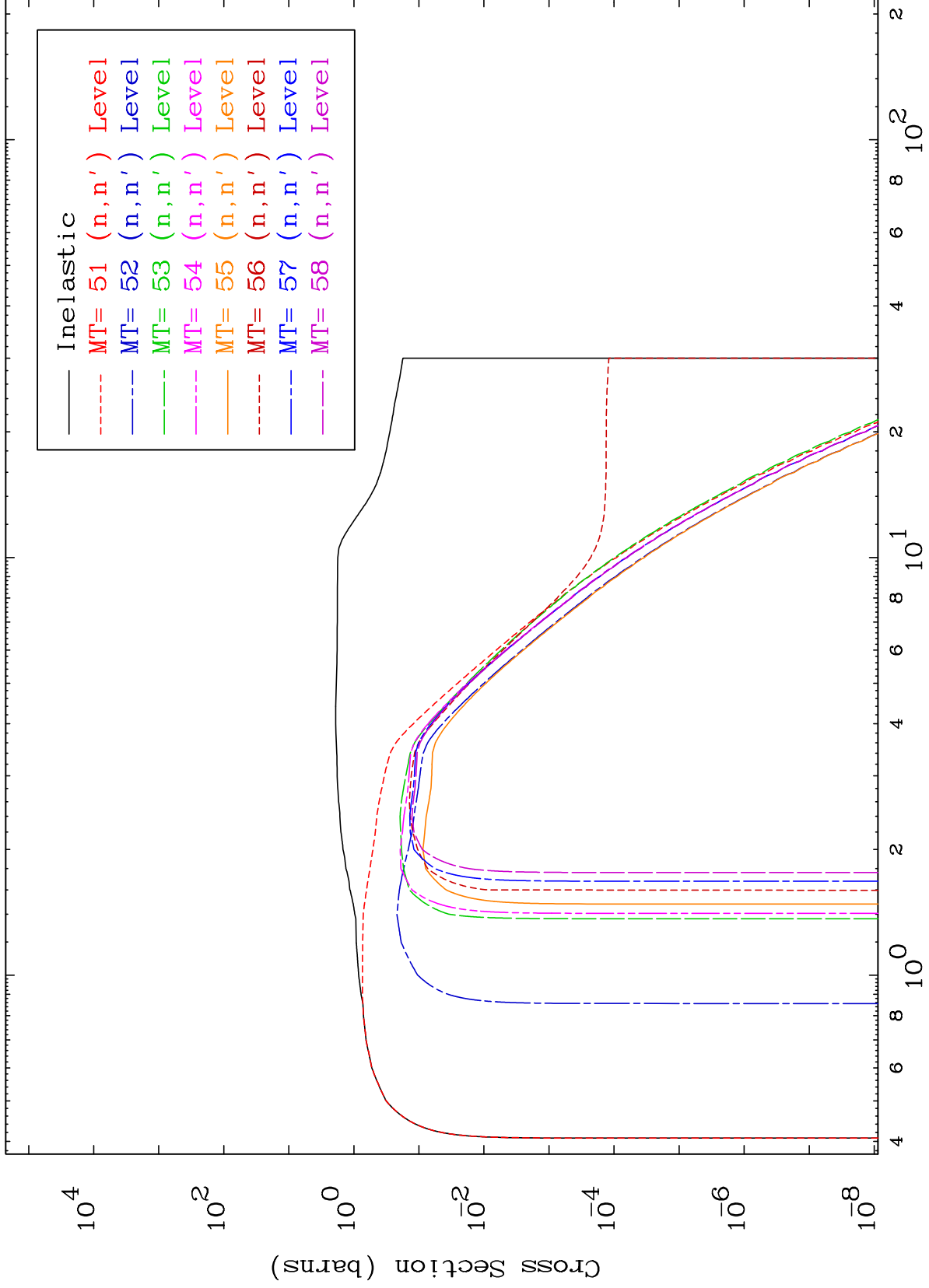


MAT 3731

(n,n') Levels

37-Rb-87

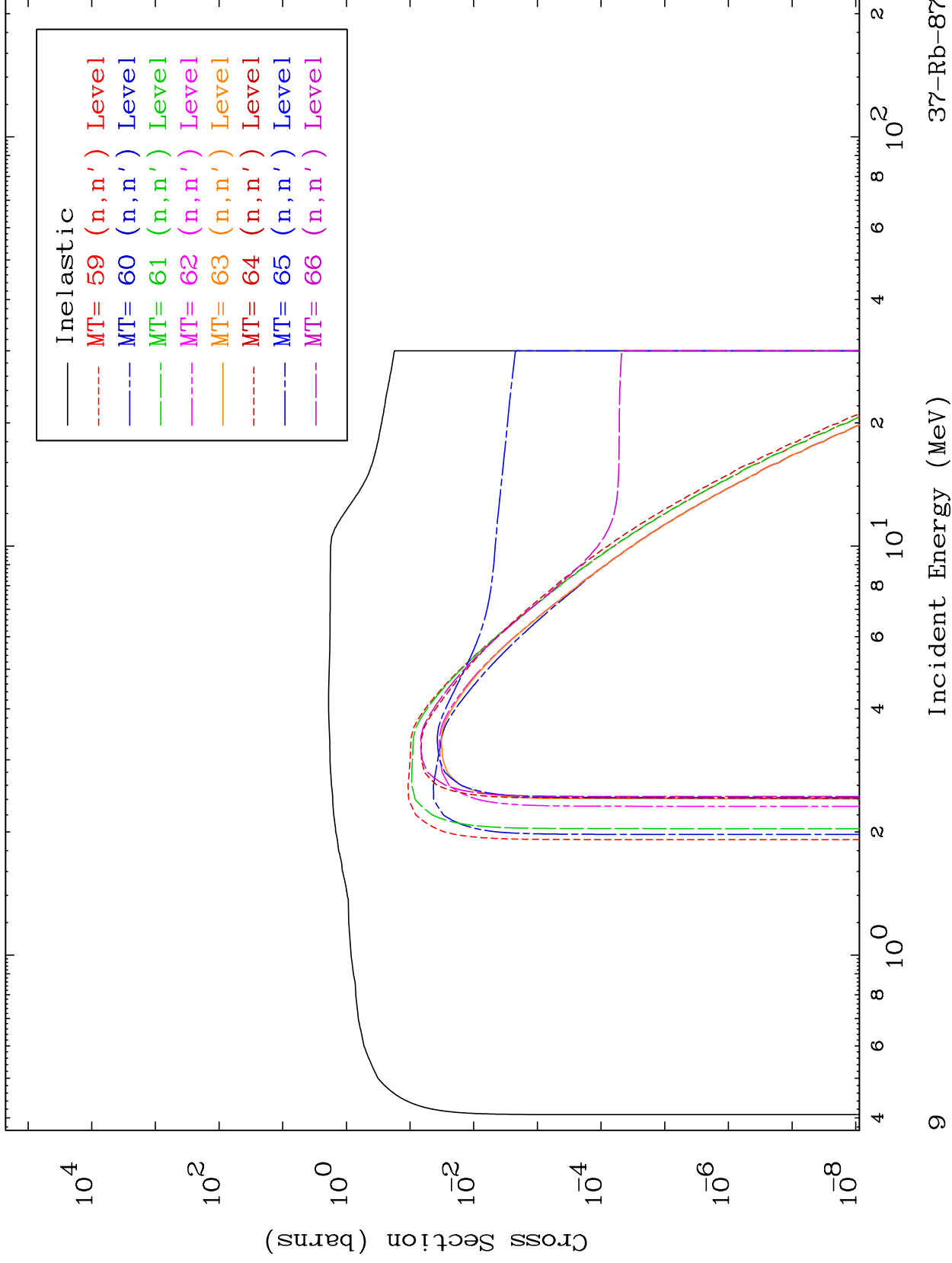
293 Kelvin Cross Sections



8

Incident Energy (MeV)

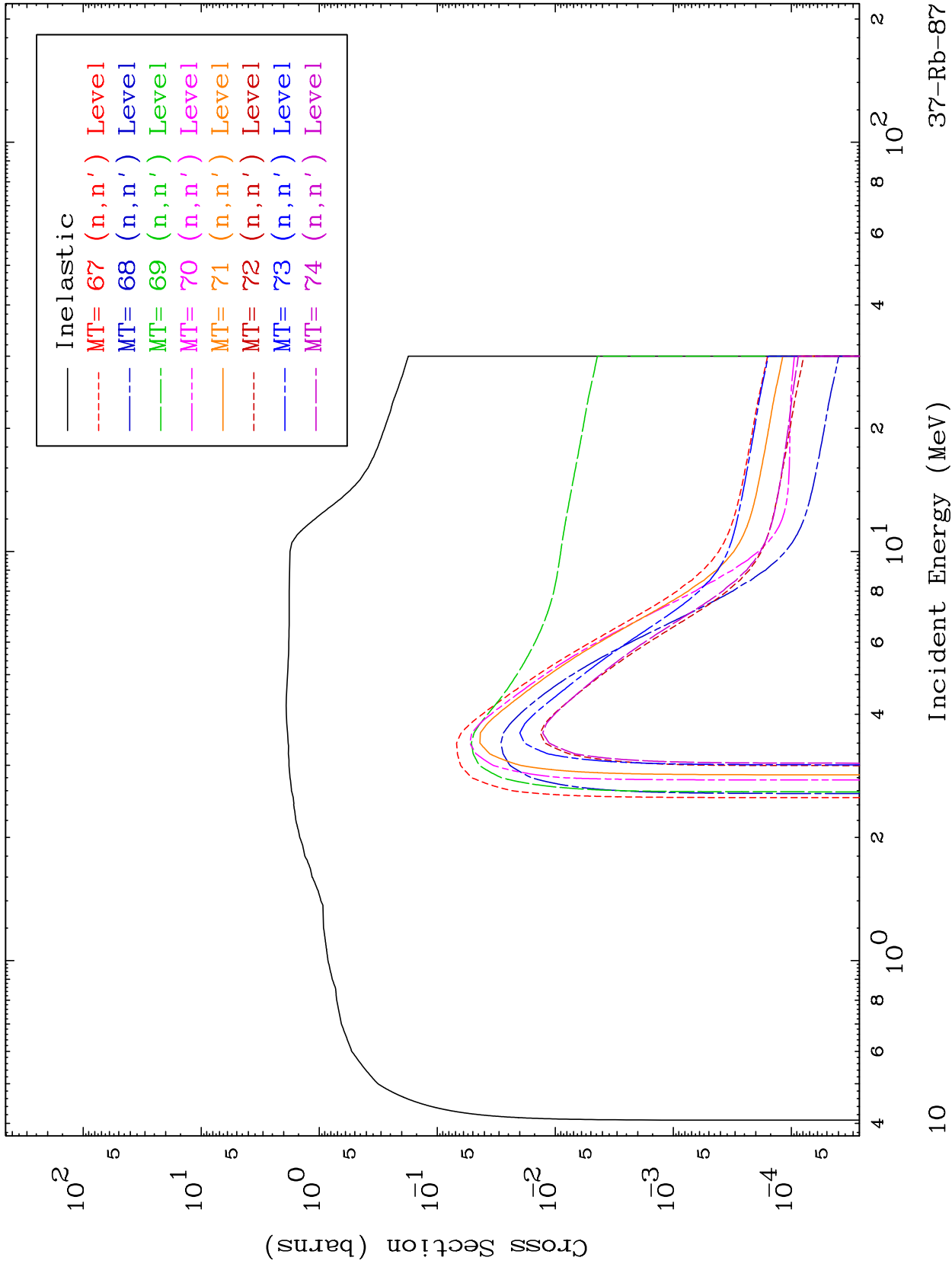
37-Rb-87



MAT 3731

(n,n') Levels
293 Kelvin Cross Sections

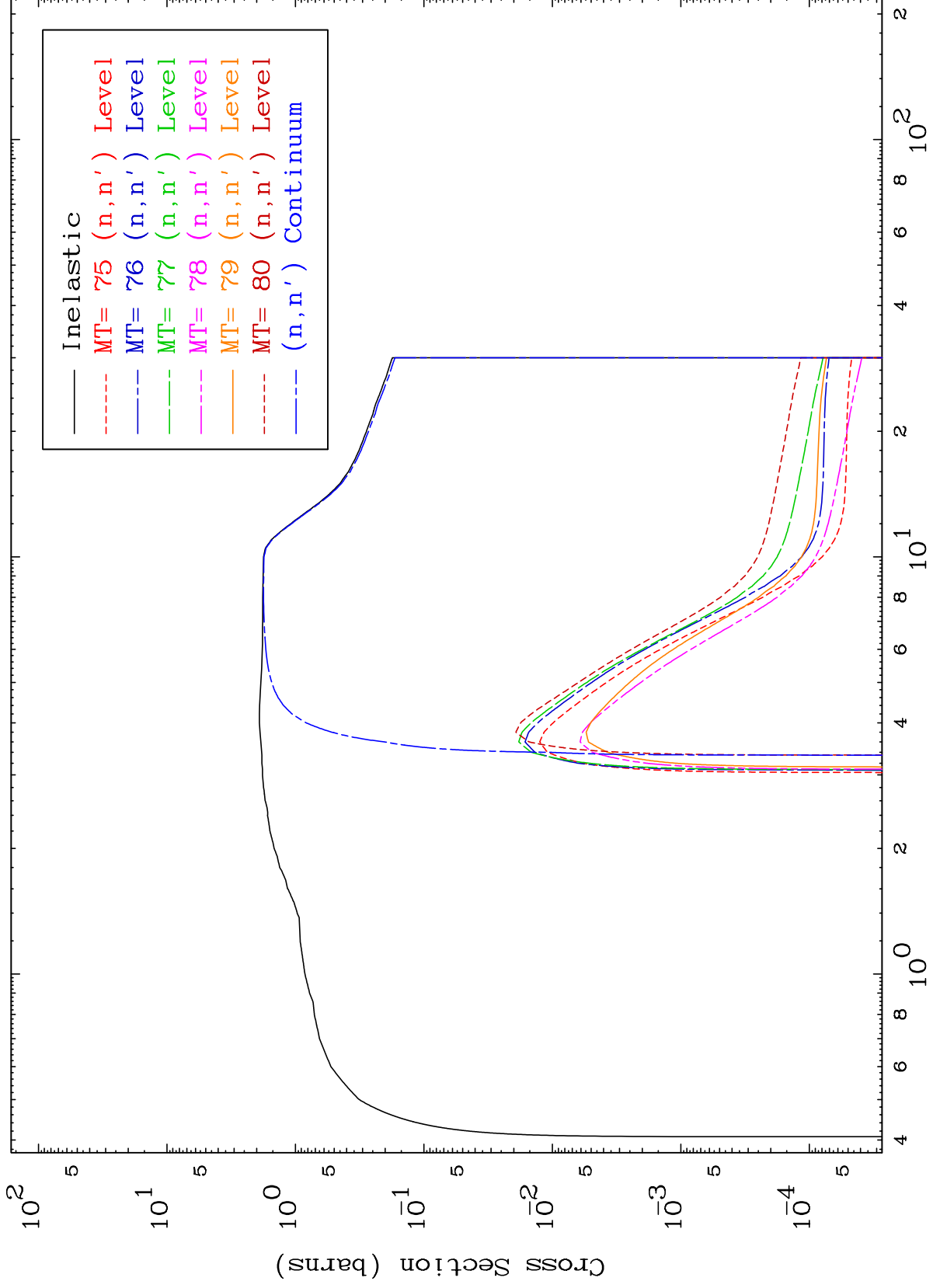
37-Rb-87



10

Incident Energy (MeV)

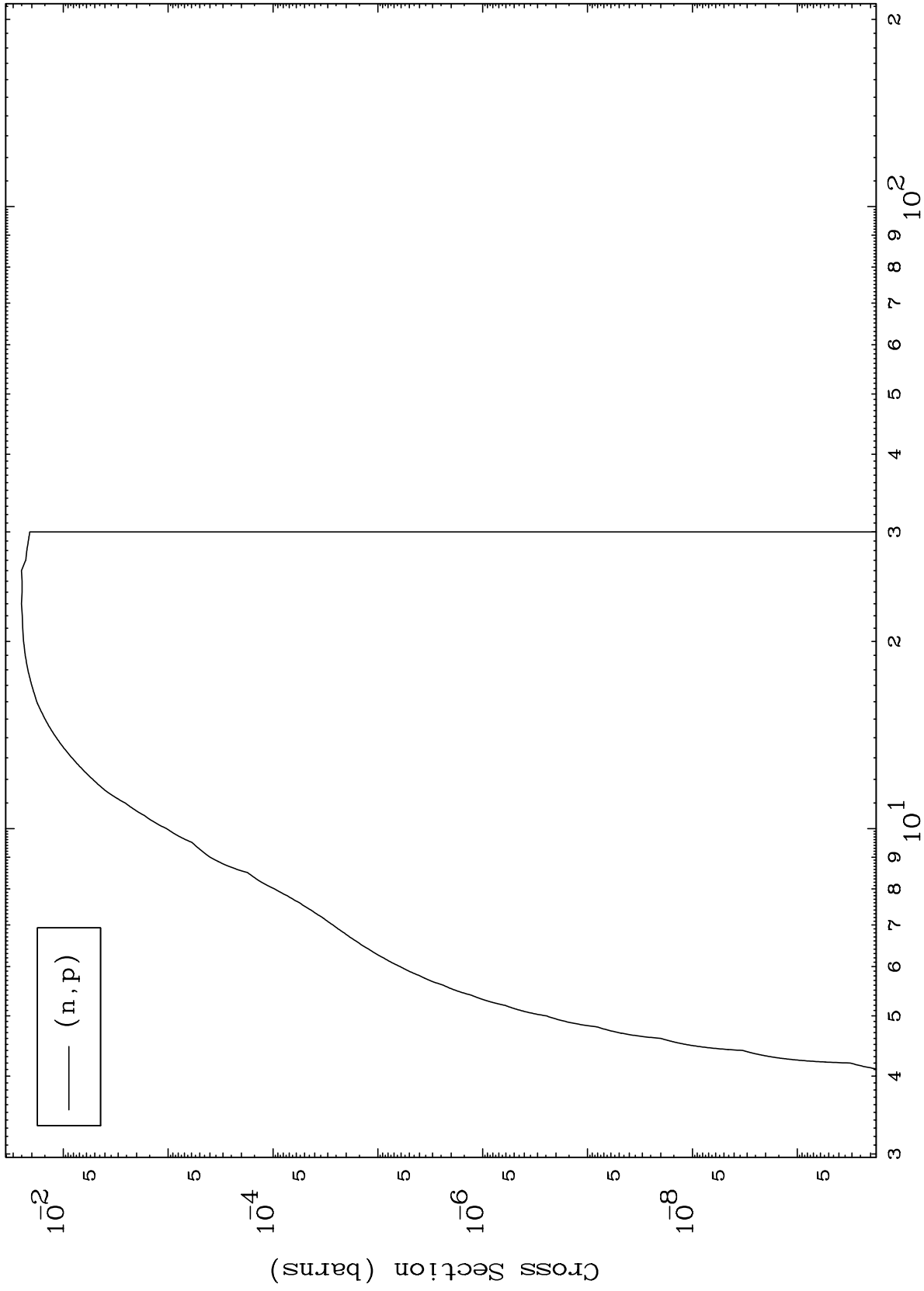
37-Rb-87



MAT 3731

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-87



12

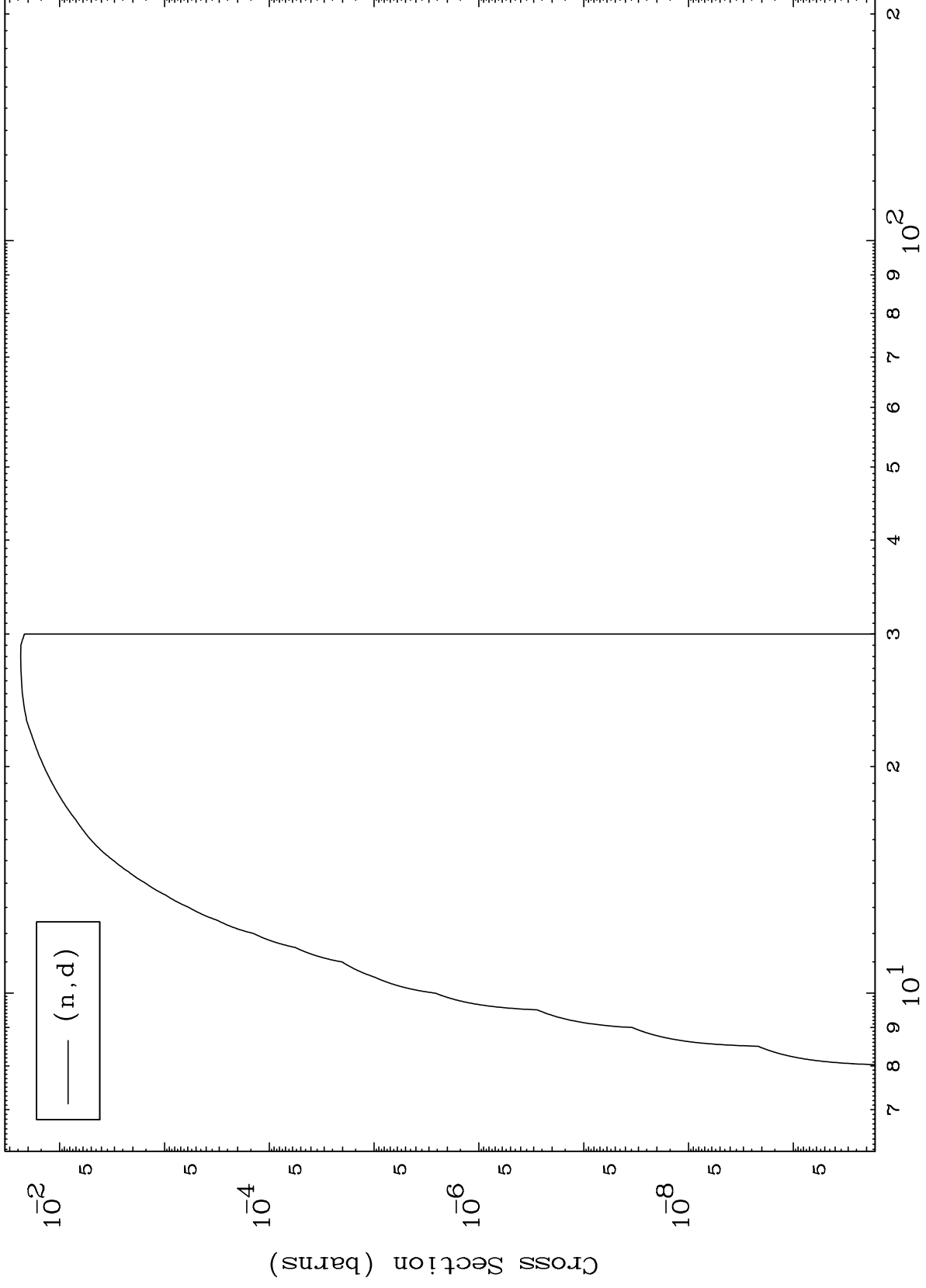
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-87



13

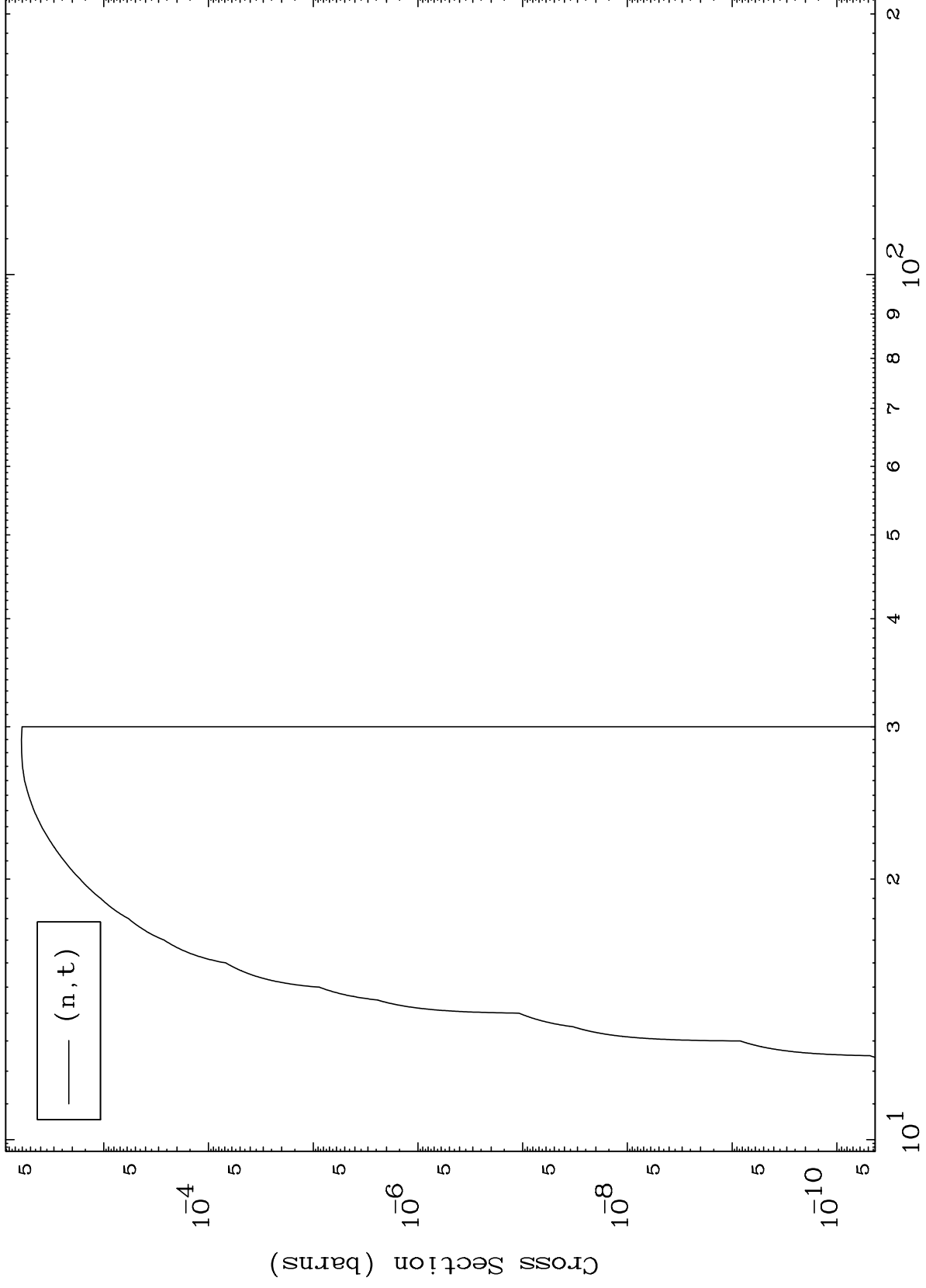
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-87



Incident Energy (MeV)

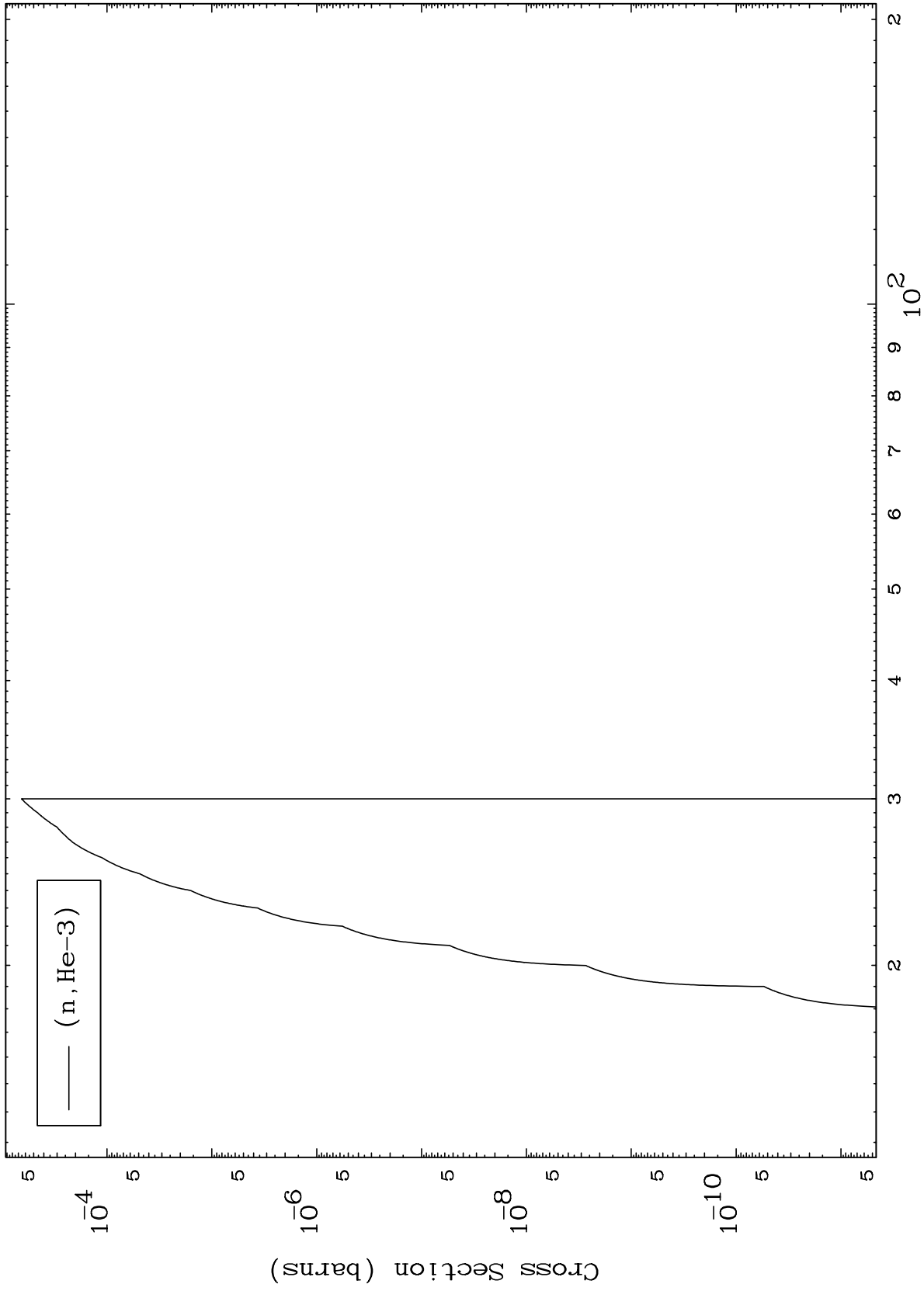
37-Rb-87

14

MAT 3731

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-87



15

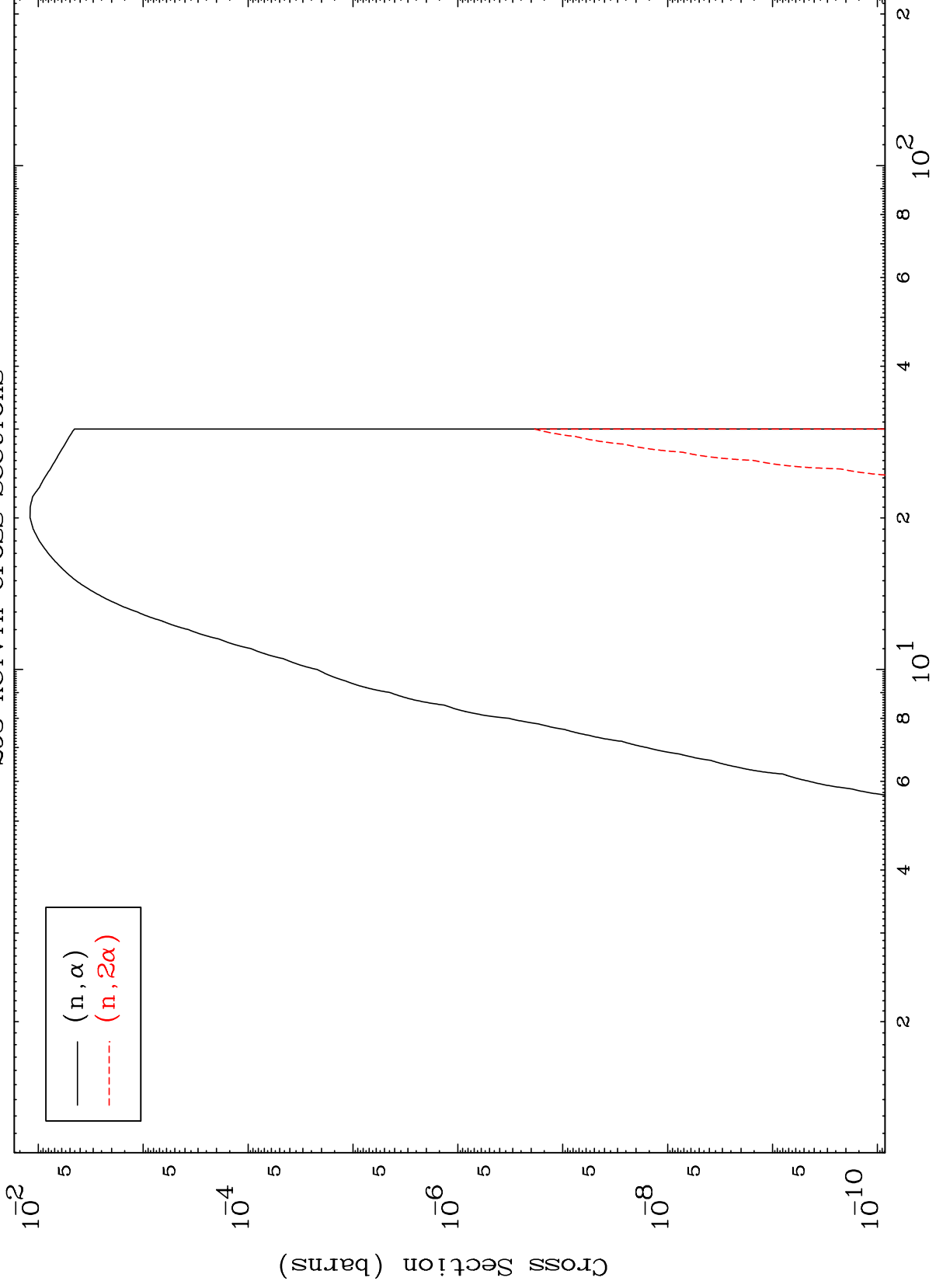
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-87



16

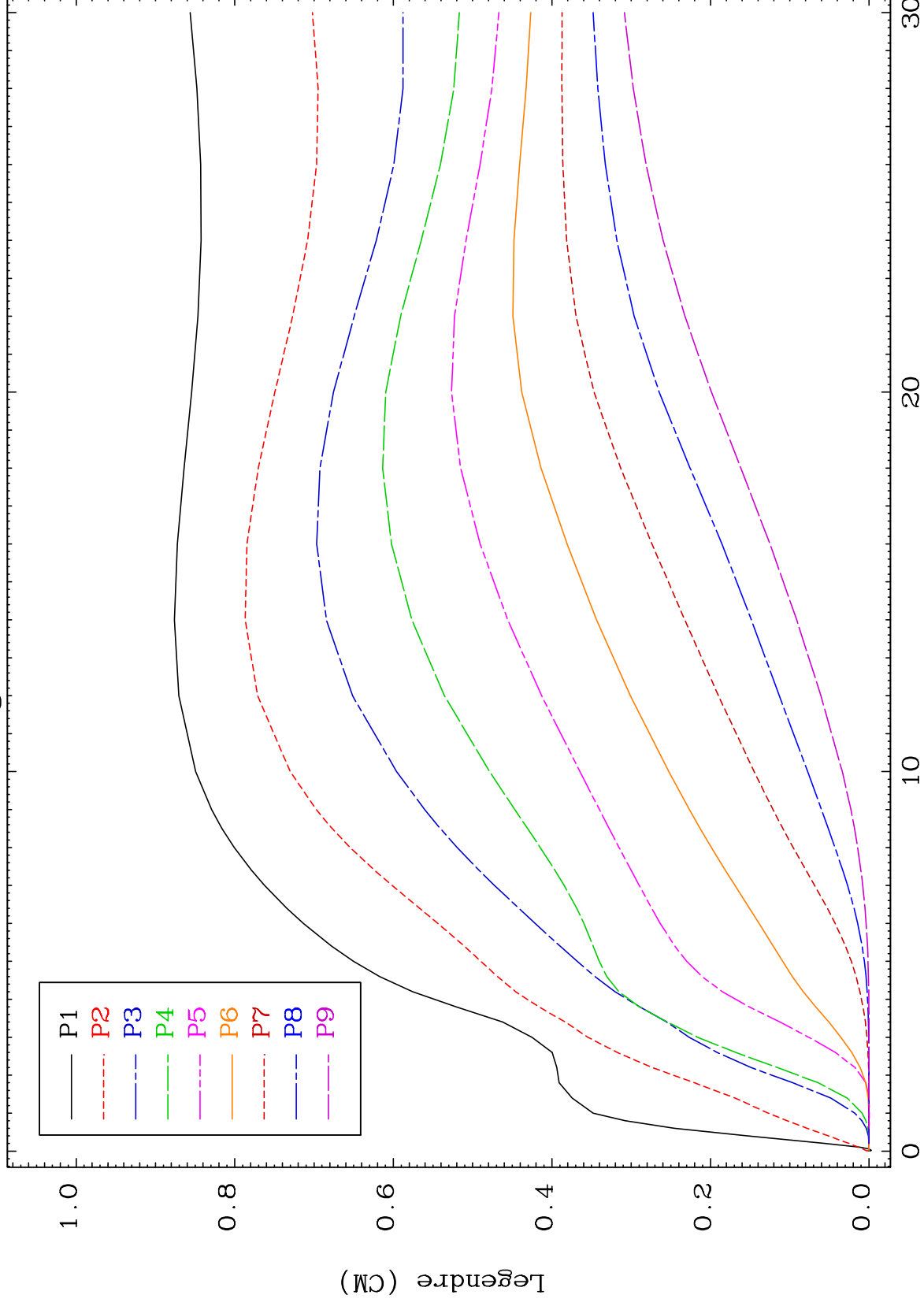
Incident Energy (MeV)

37-Rb-87

MAT 3731

Elastic Legendre Coefficients

³⁷Rb-87



17

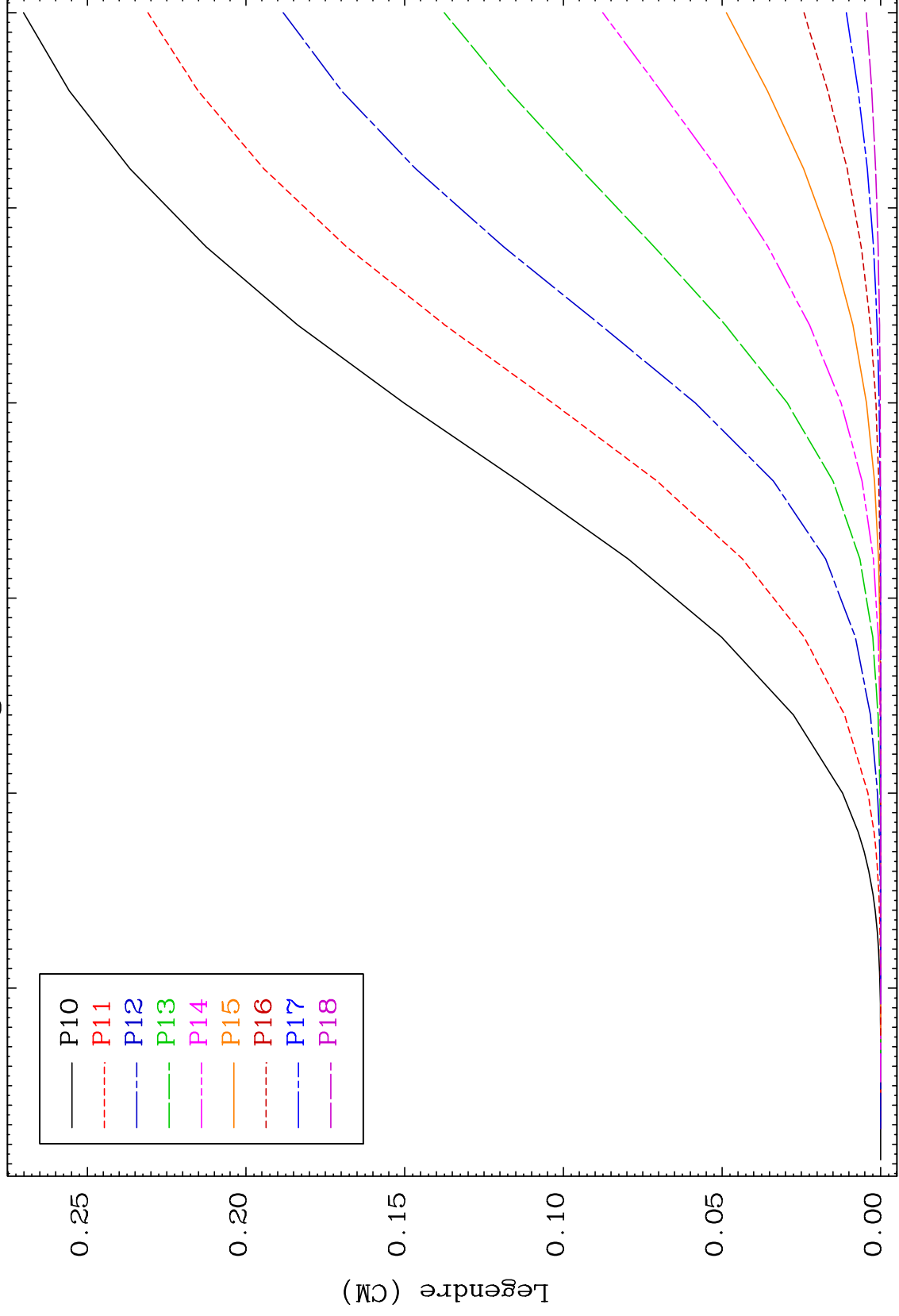
Incident Energy (MeV)

³⁷Rb-87

MAT 3731

Elastic Legendre Coefficients

37-Rb-87



18

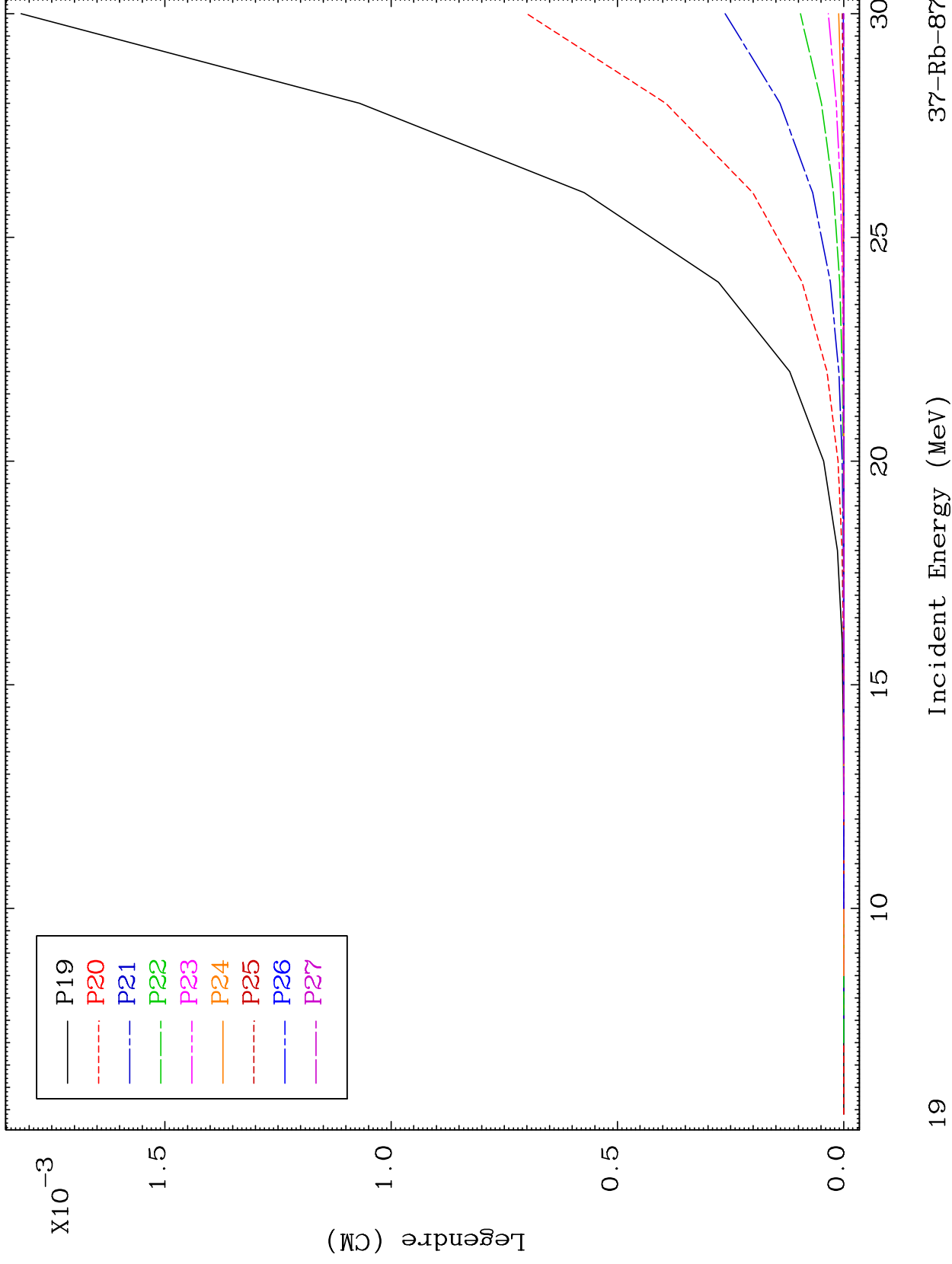
Incident Energy (MeV)

37-Rb-87

MAT 3731

Elastic
Legendre Coefficients

37-Rb-87



19

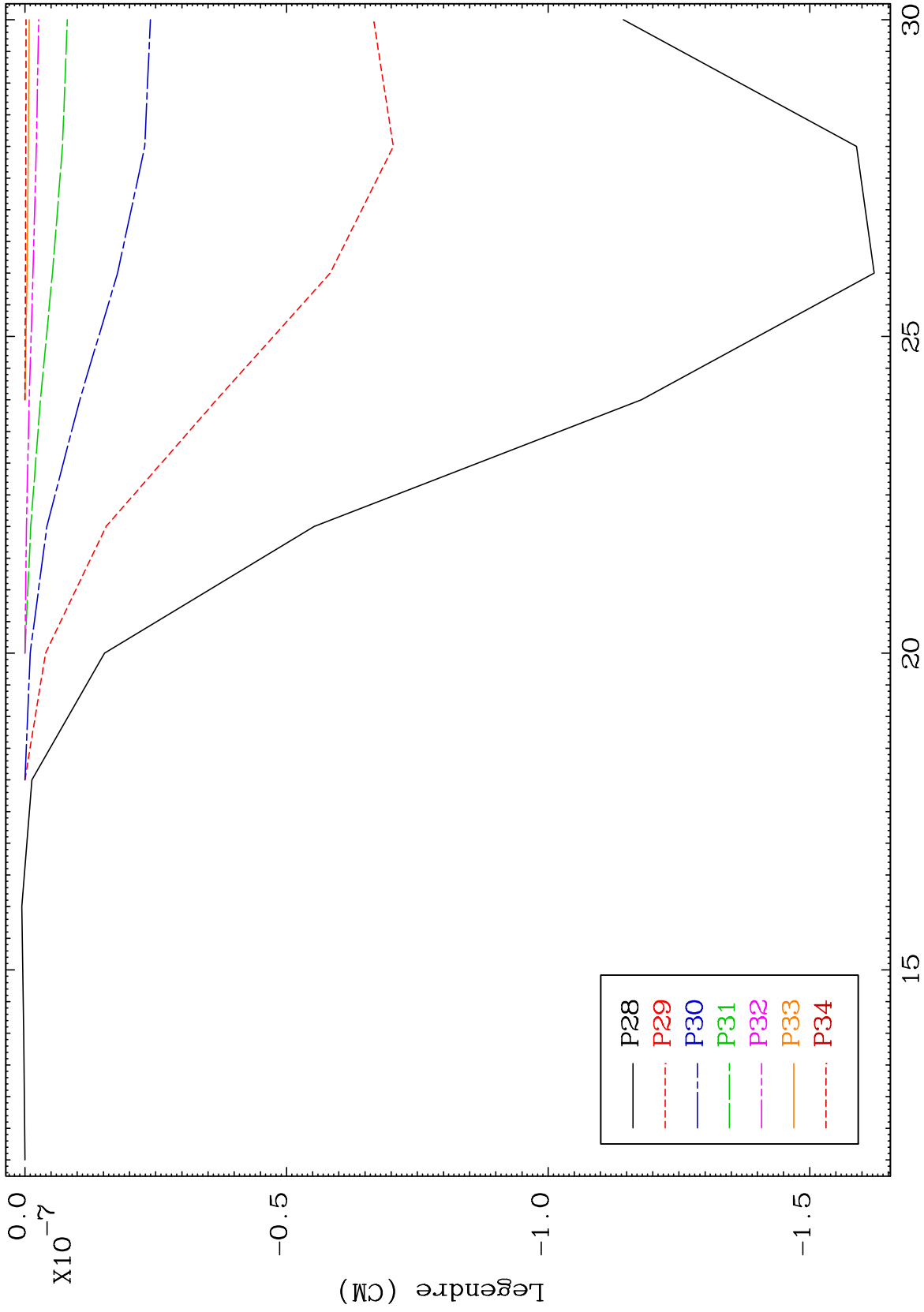
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

Elastic Legendre Coefficients



20

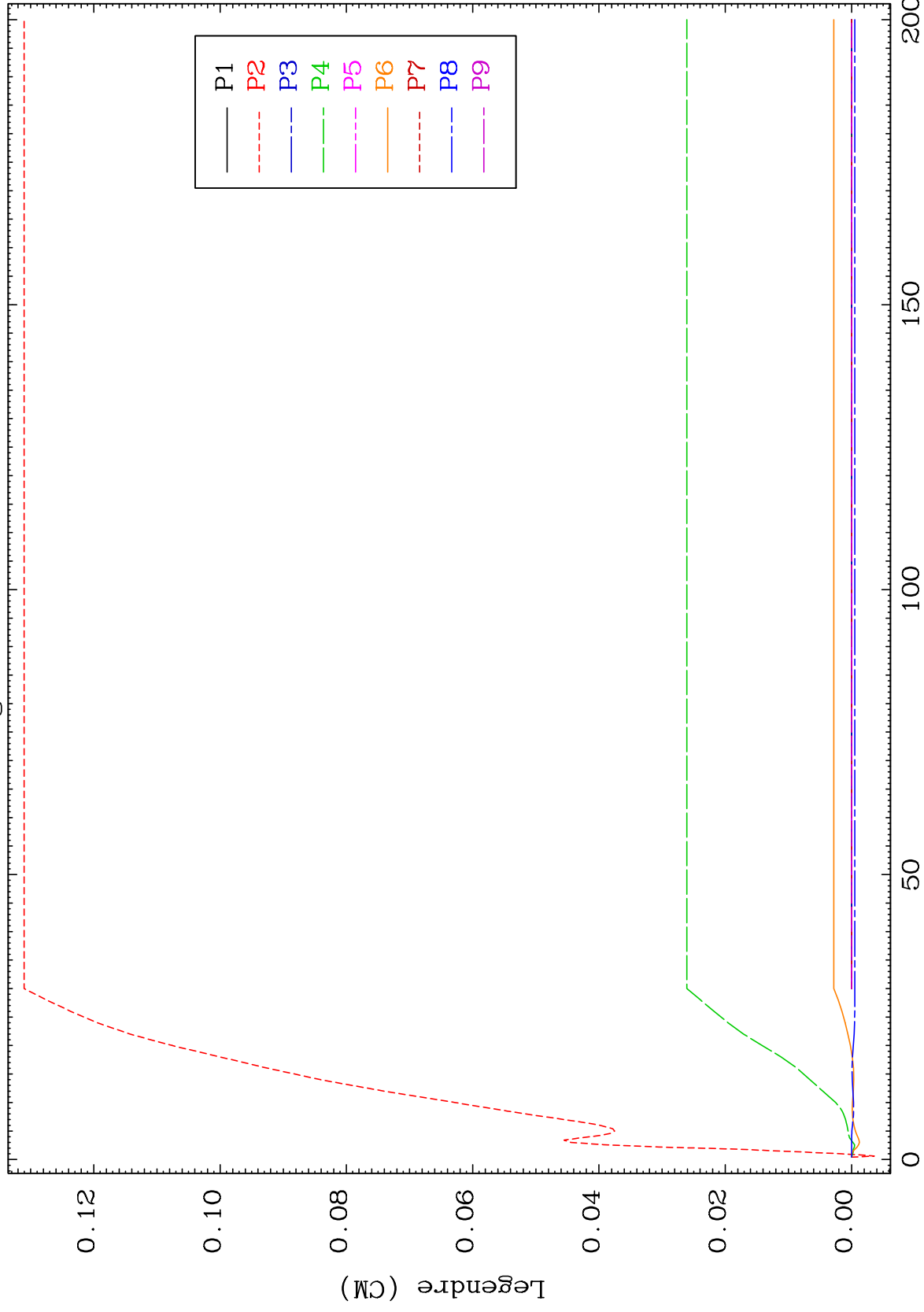
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

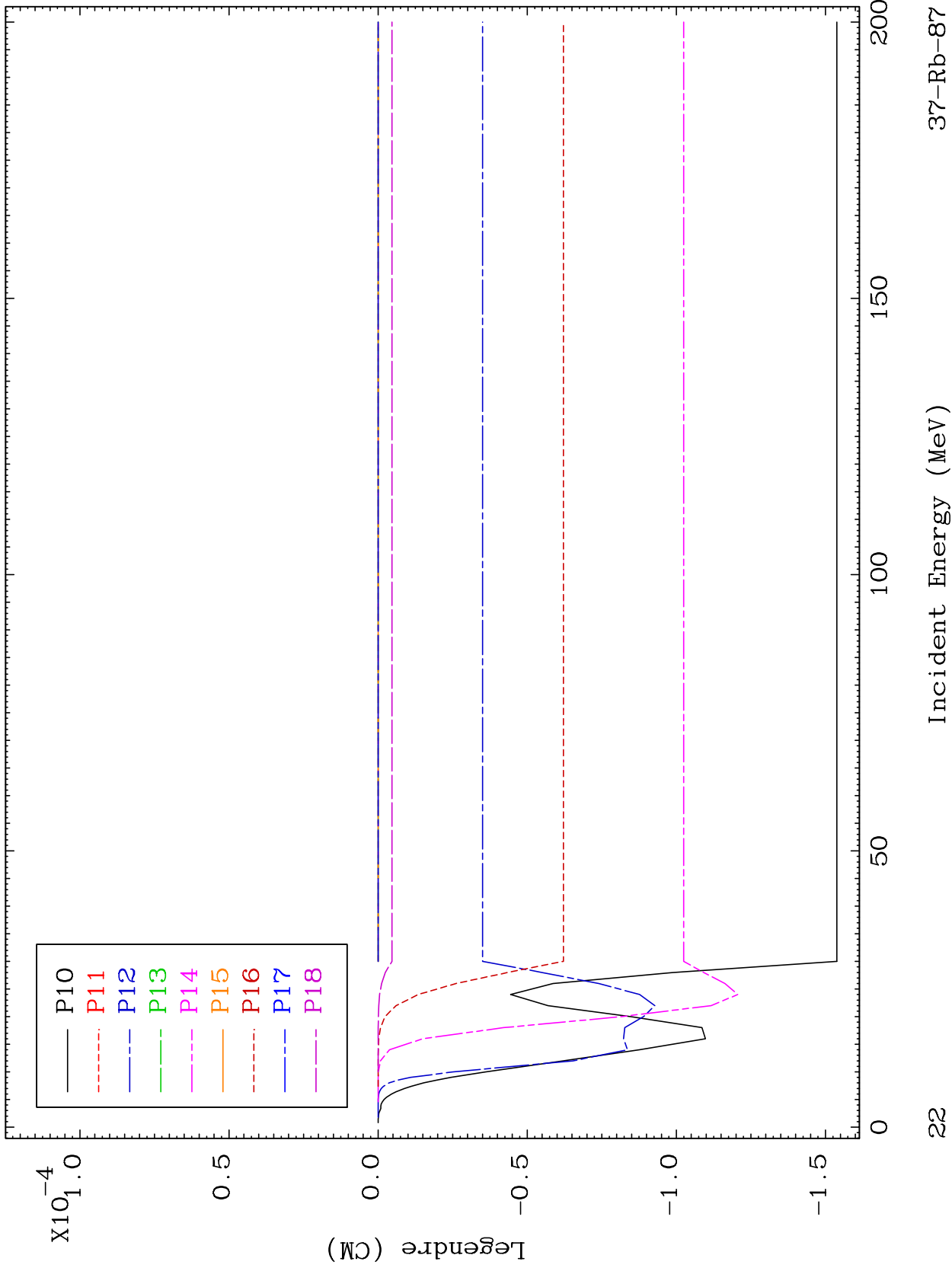
37-Rb-87

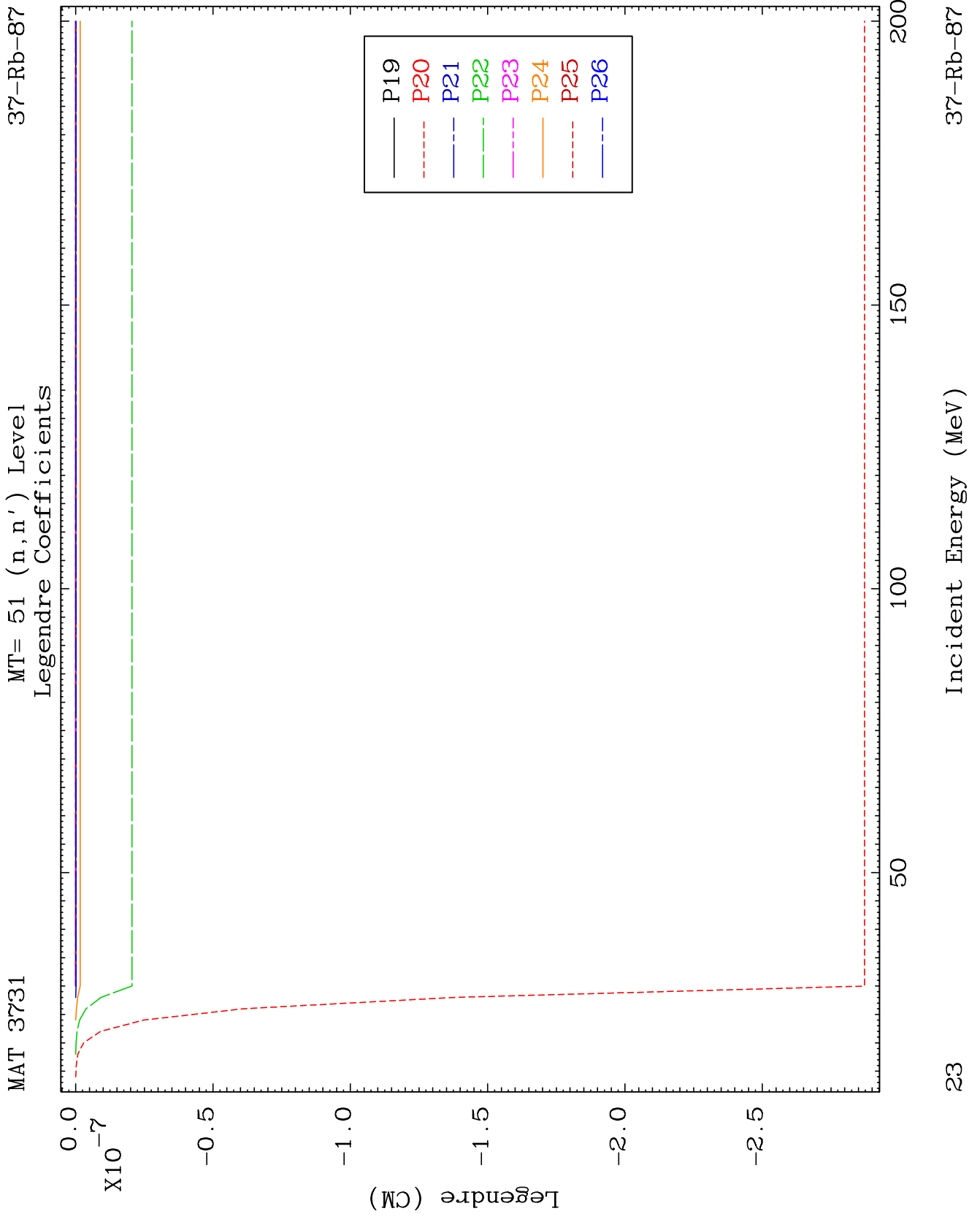


21

Incident Energy (MeV)

37-Rb-87

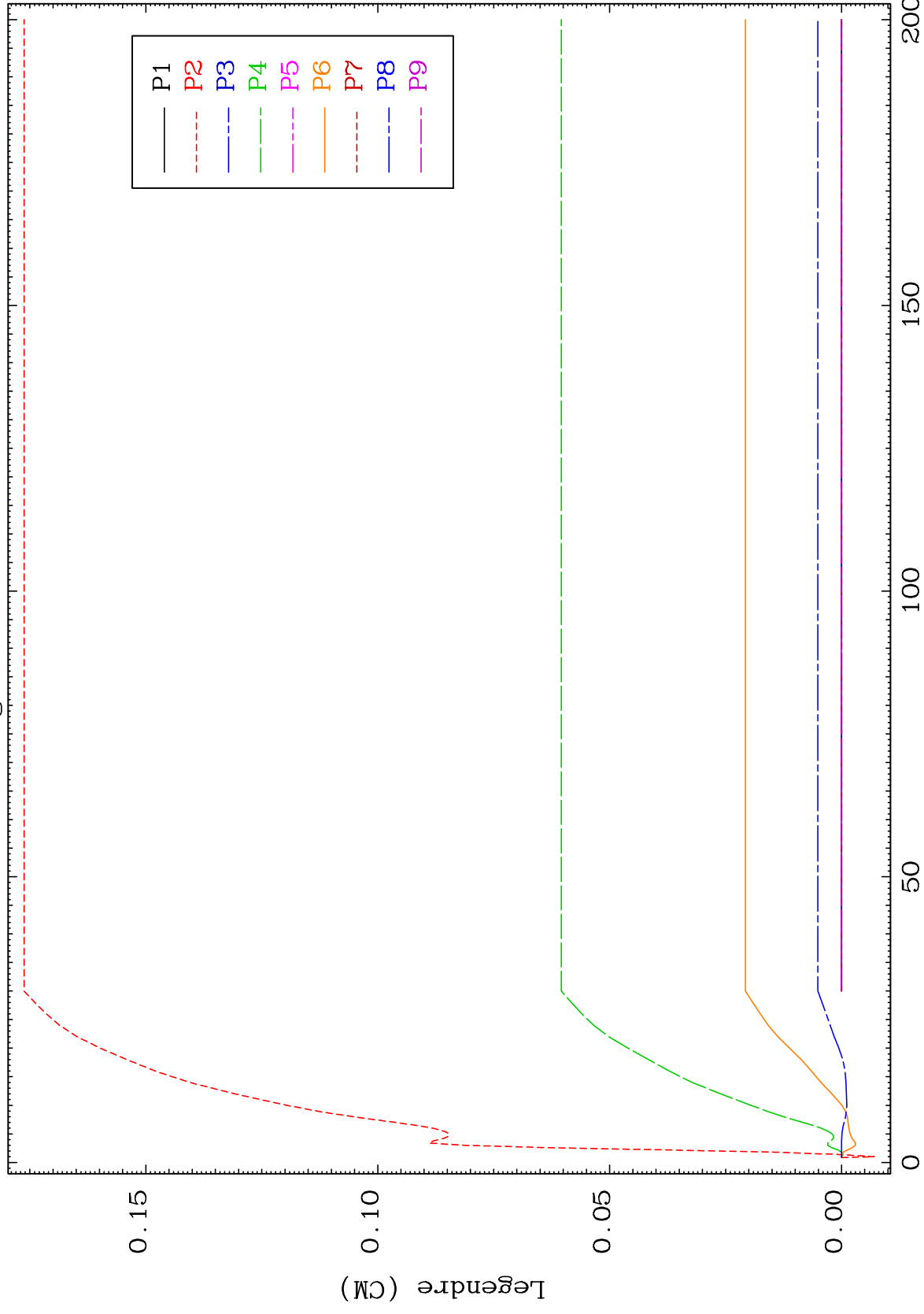




MAT 3731

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

37-Rb-87



24

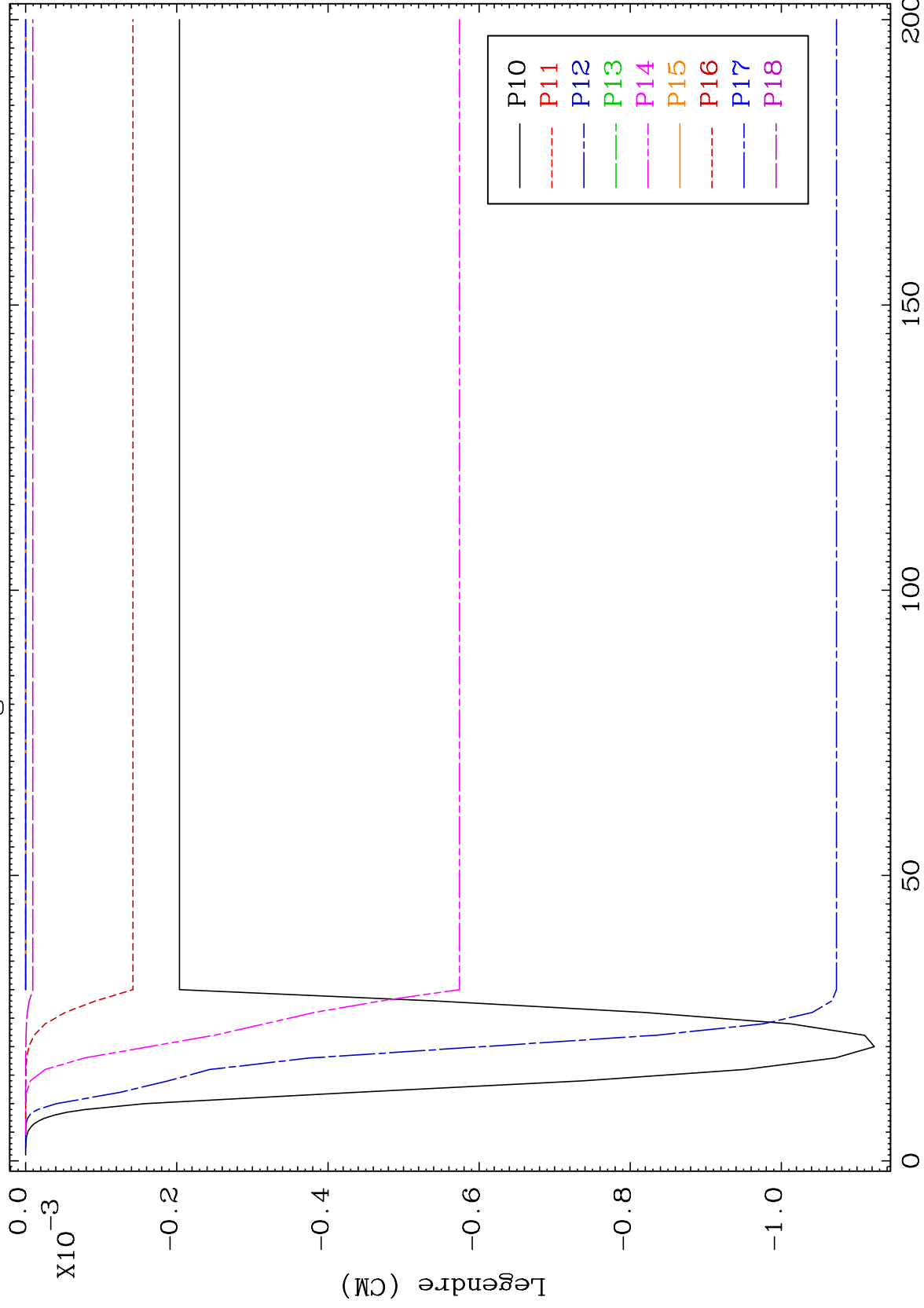
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

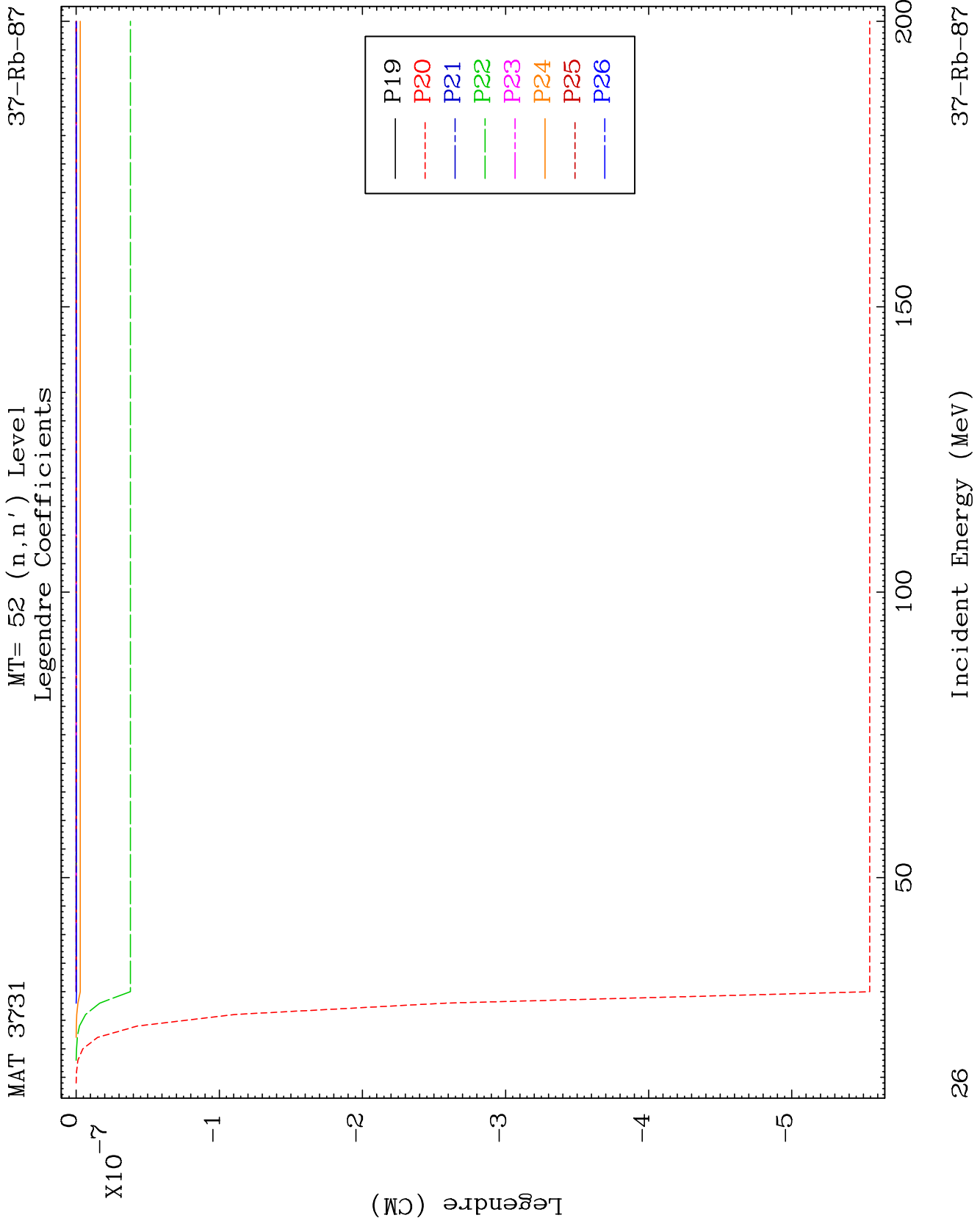
37-Rb-87

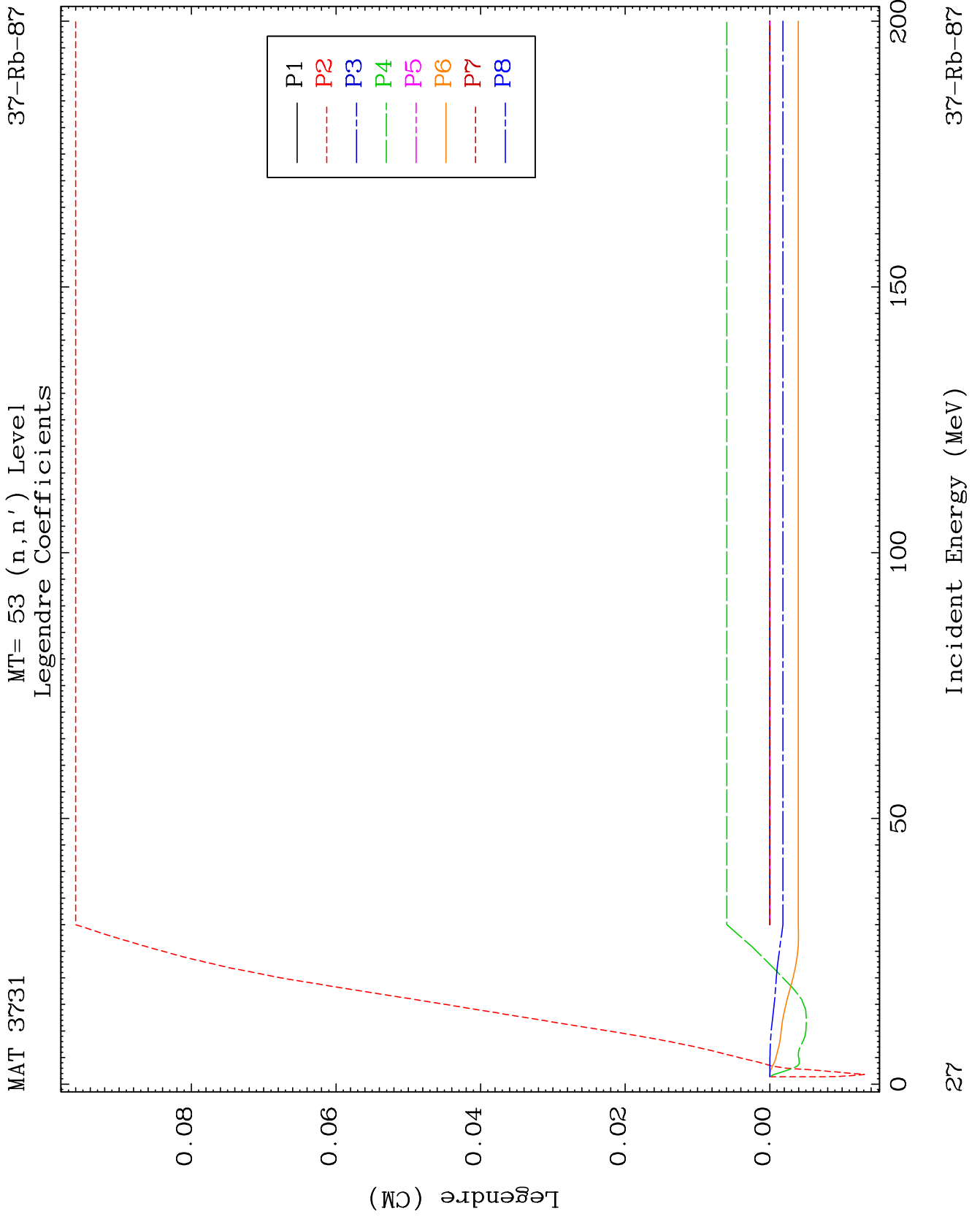


25

Incident Energy (MeV)

37-Rb-87

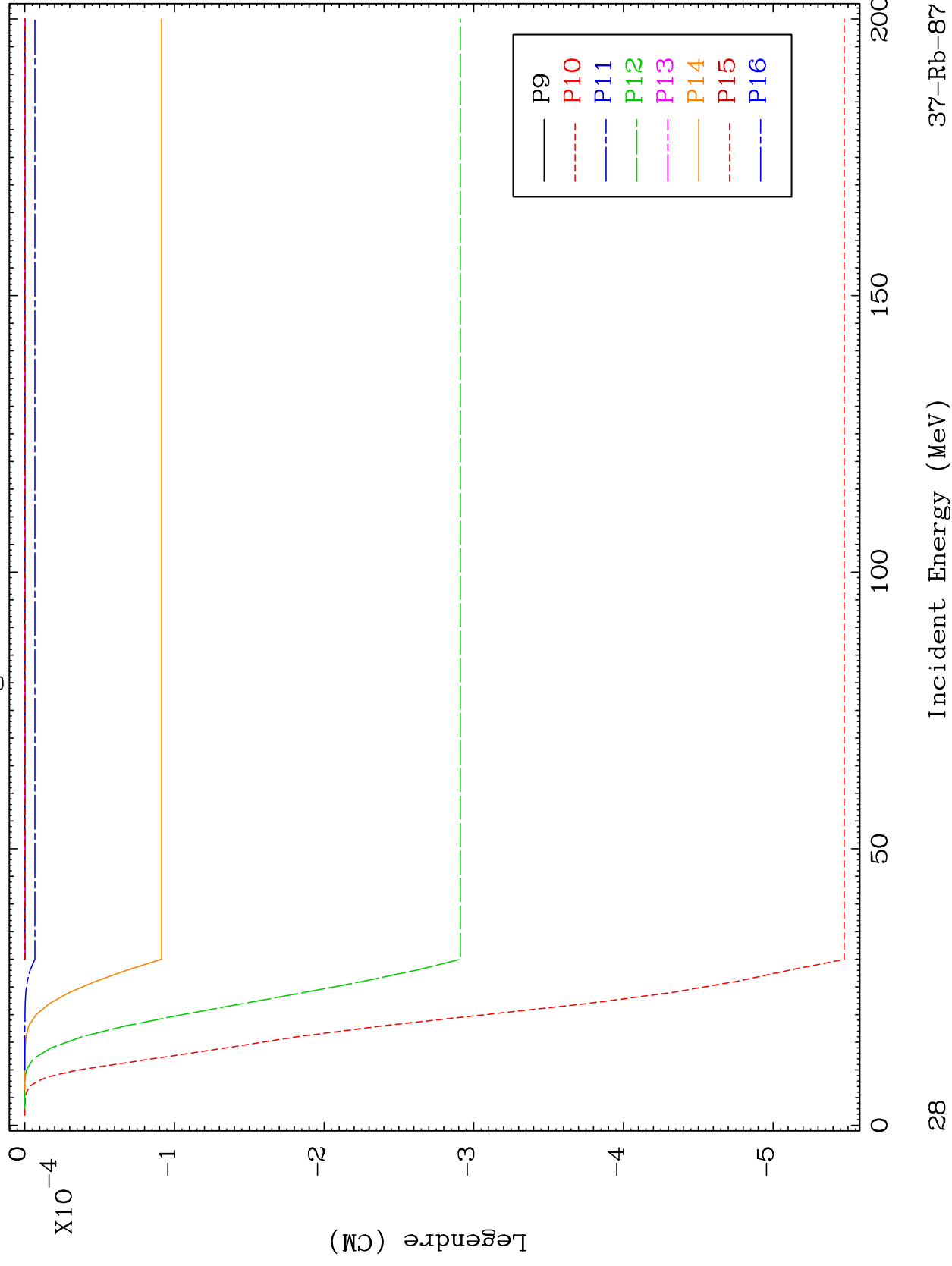




MAT 3731

37-Rb-87

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



37-Rb-87

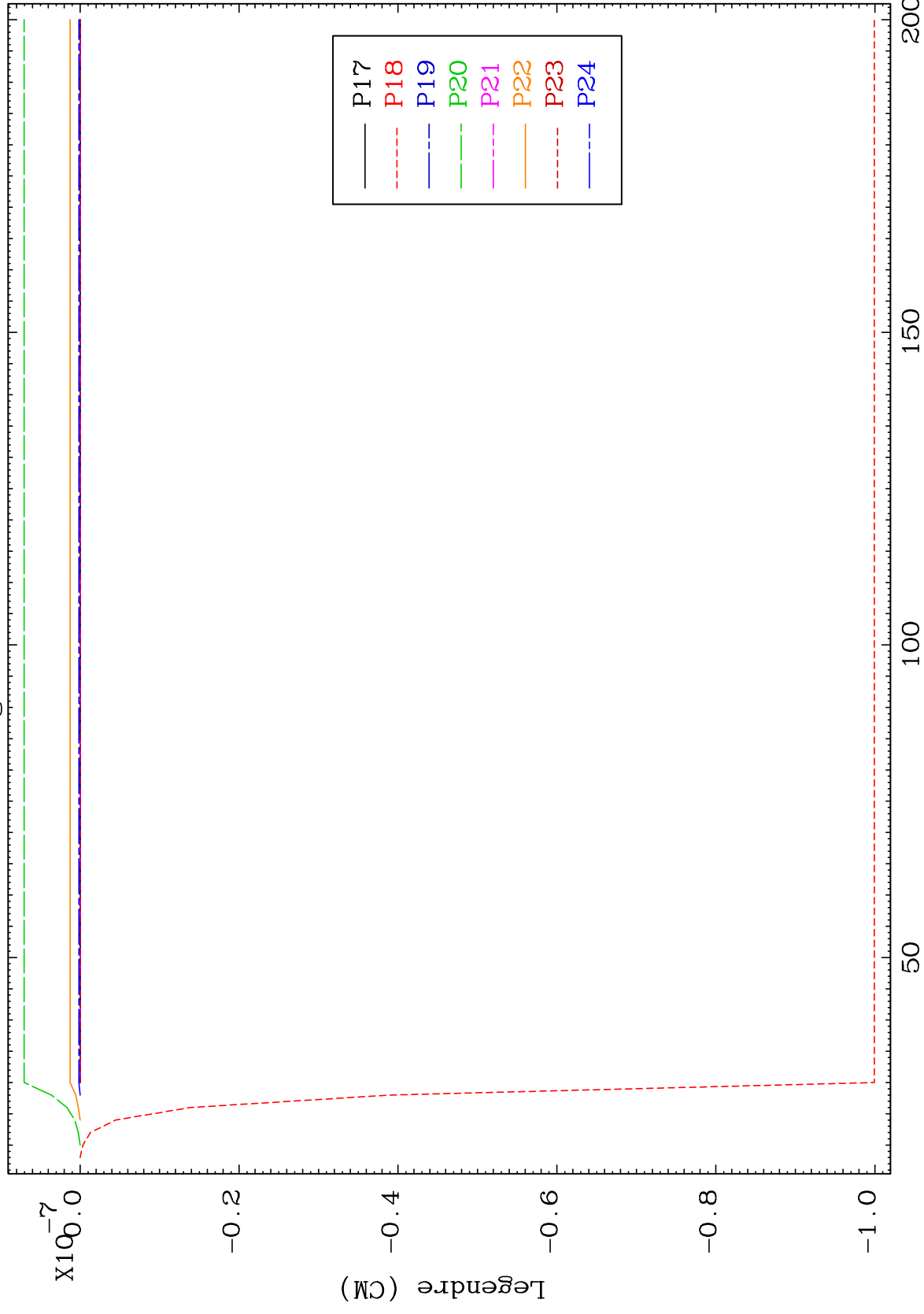
Incident Energy (MeV)

28

MAT 3731

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

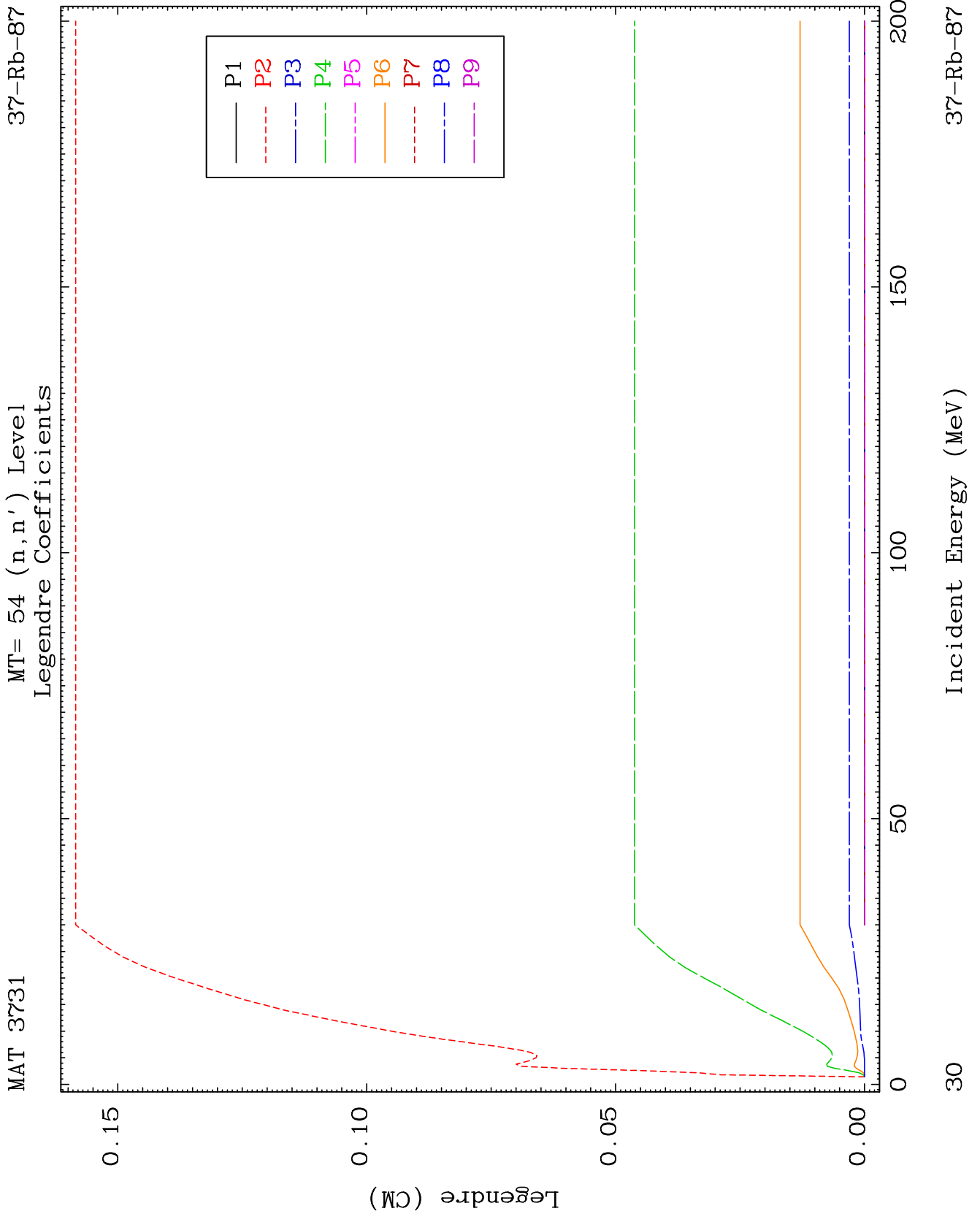
37-Rb-87



29

Incident Energy (MeV)

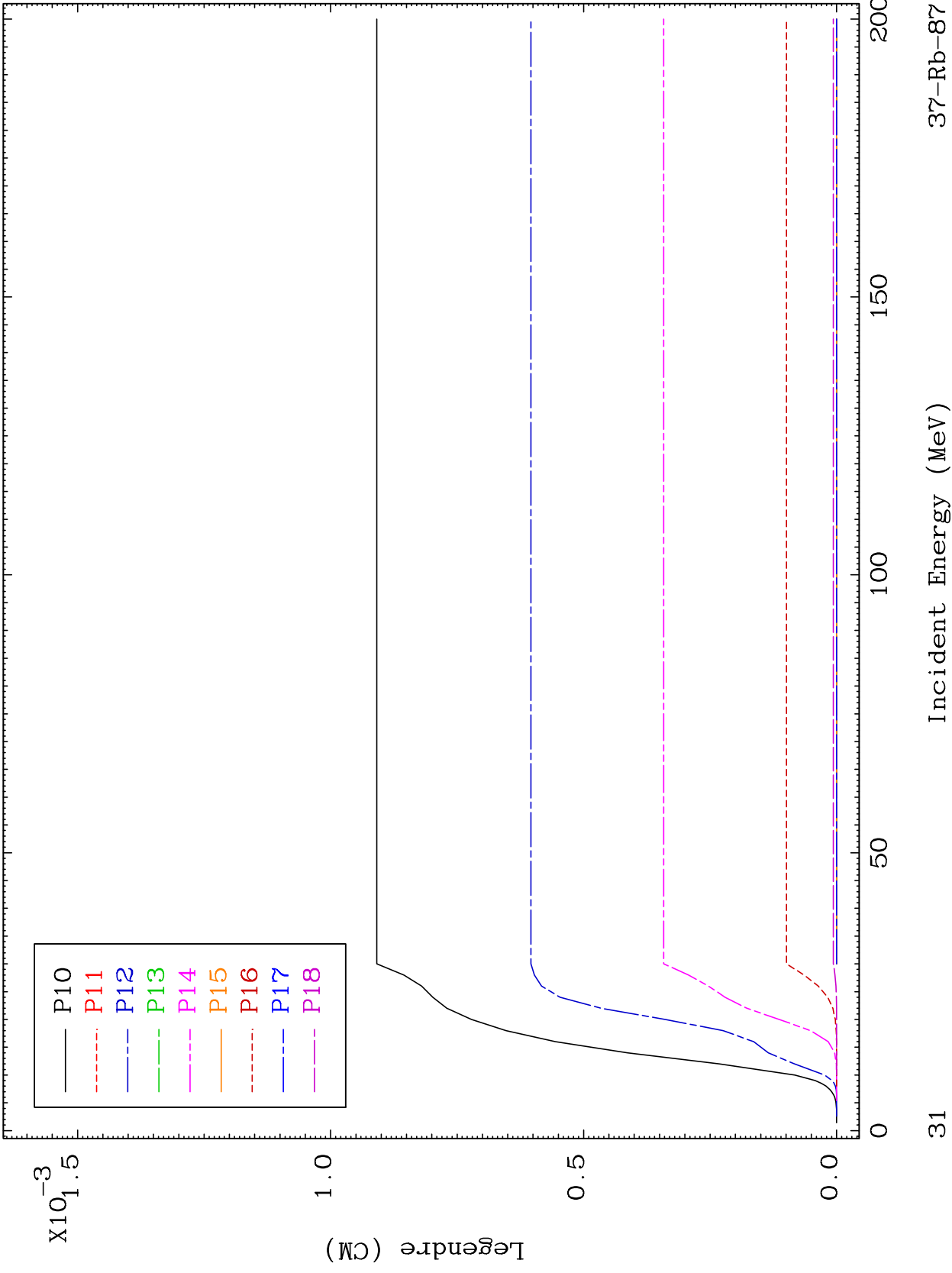
37-Rb-87

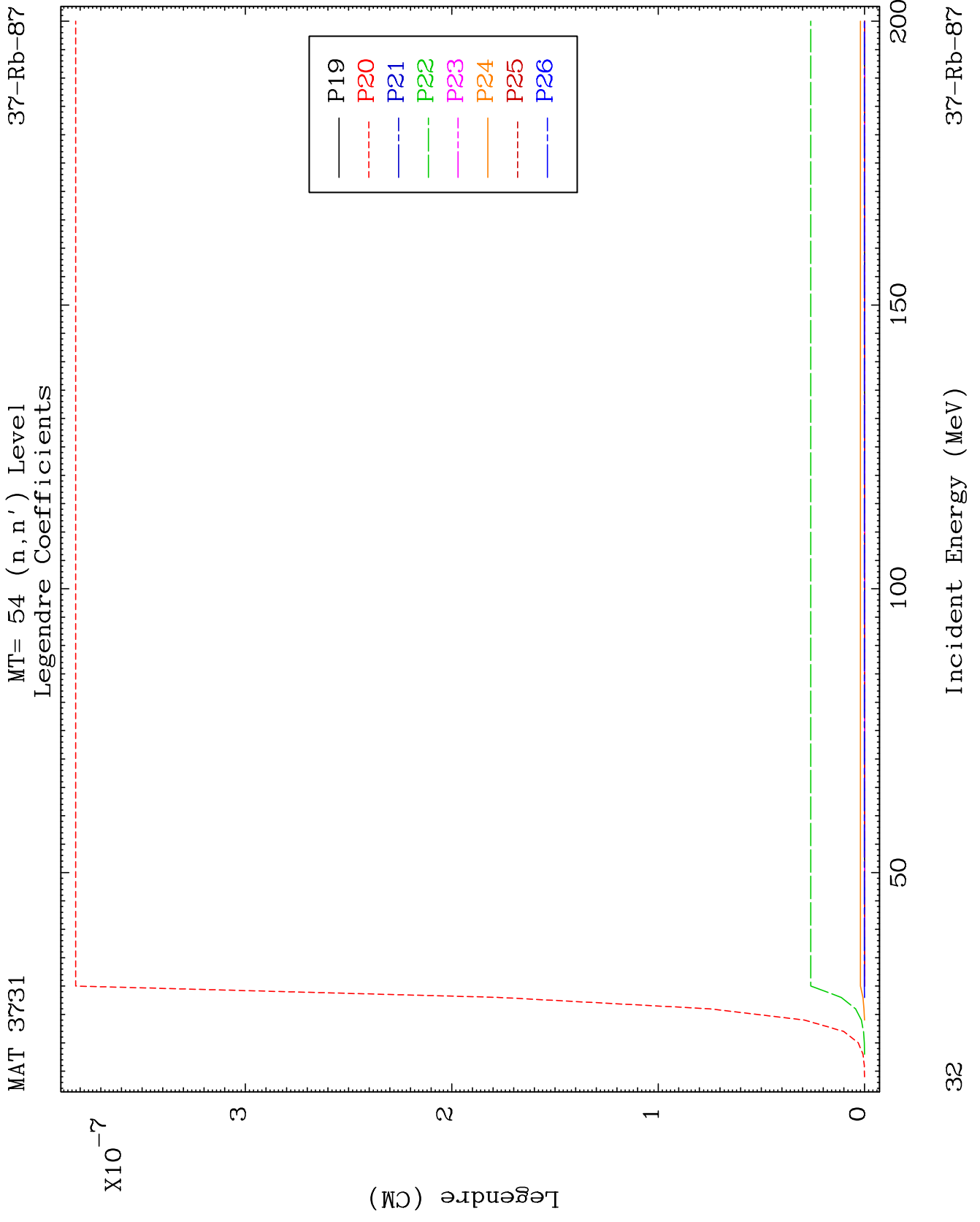


MAT 3731

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

37-Rb-87

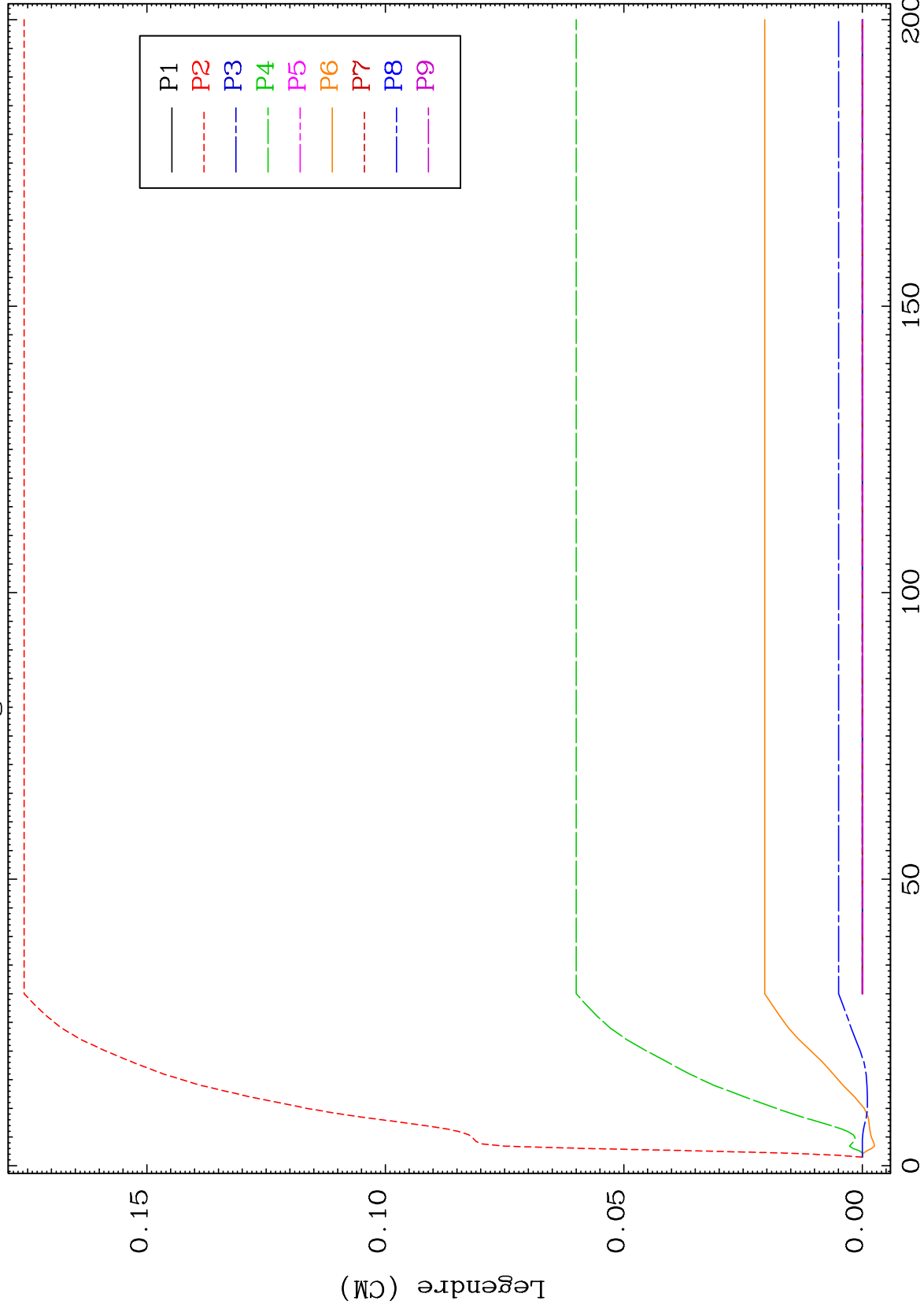




MAT 3731

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

37-Rb-87



33

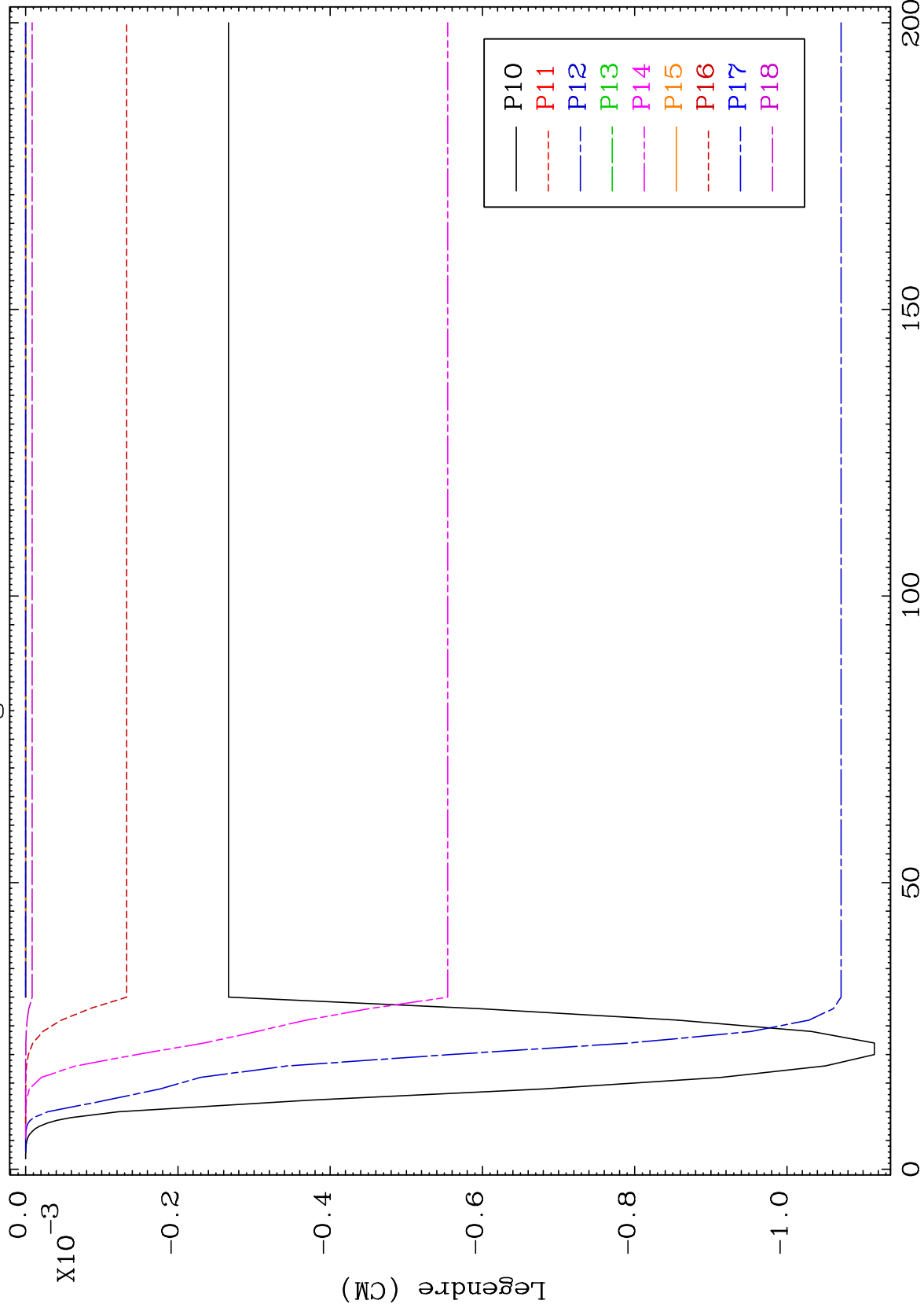
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

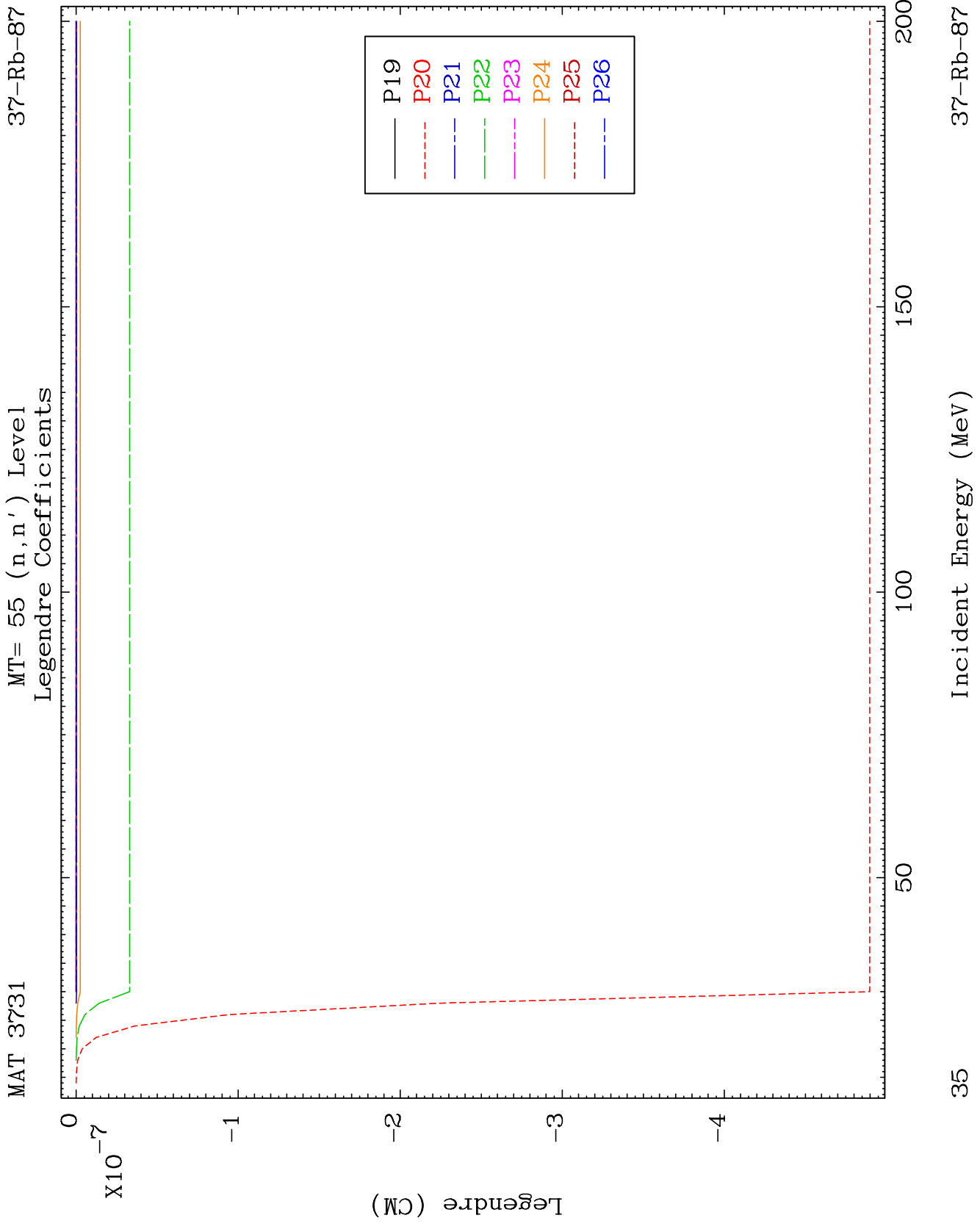
37-Rb-87



37-Rb-87

Incident Energy (MeV)

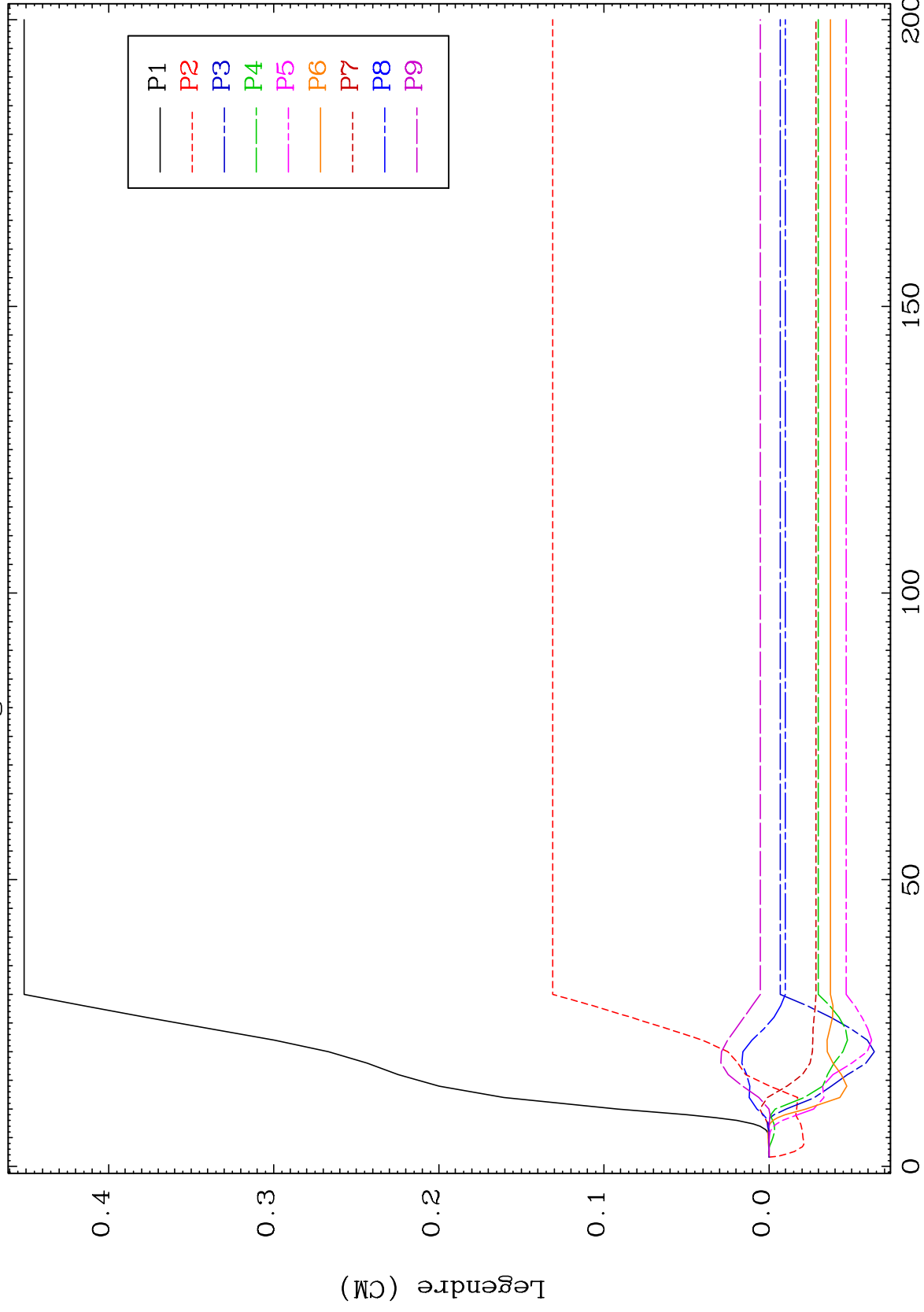
34



MAT 3731

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

37-Rb-87



36

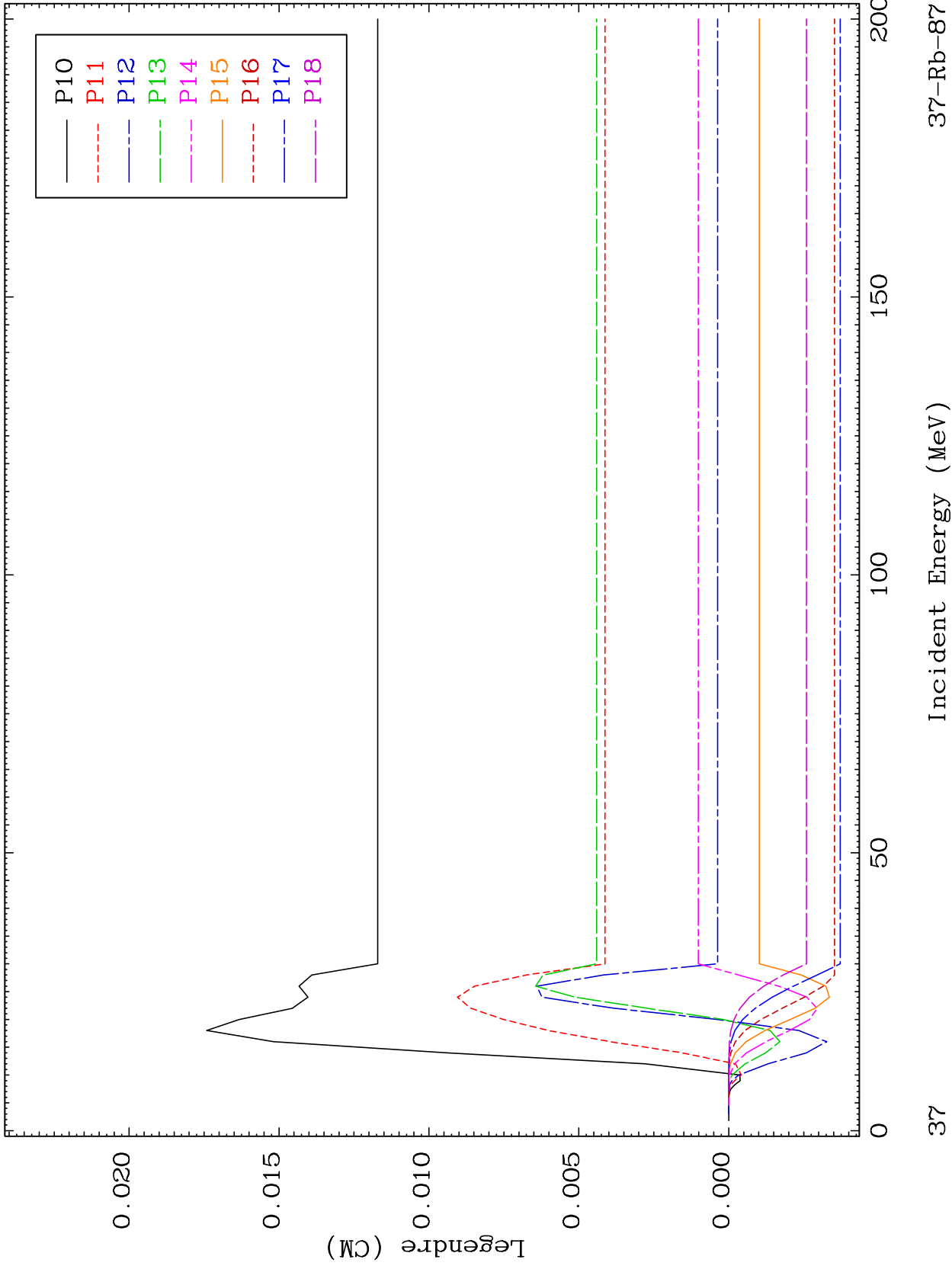
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

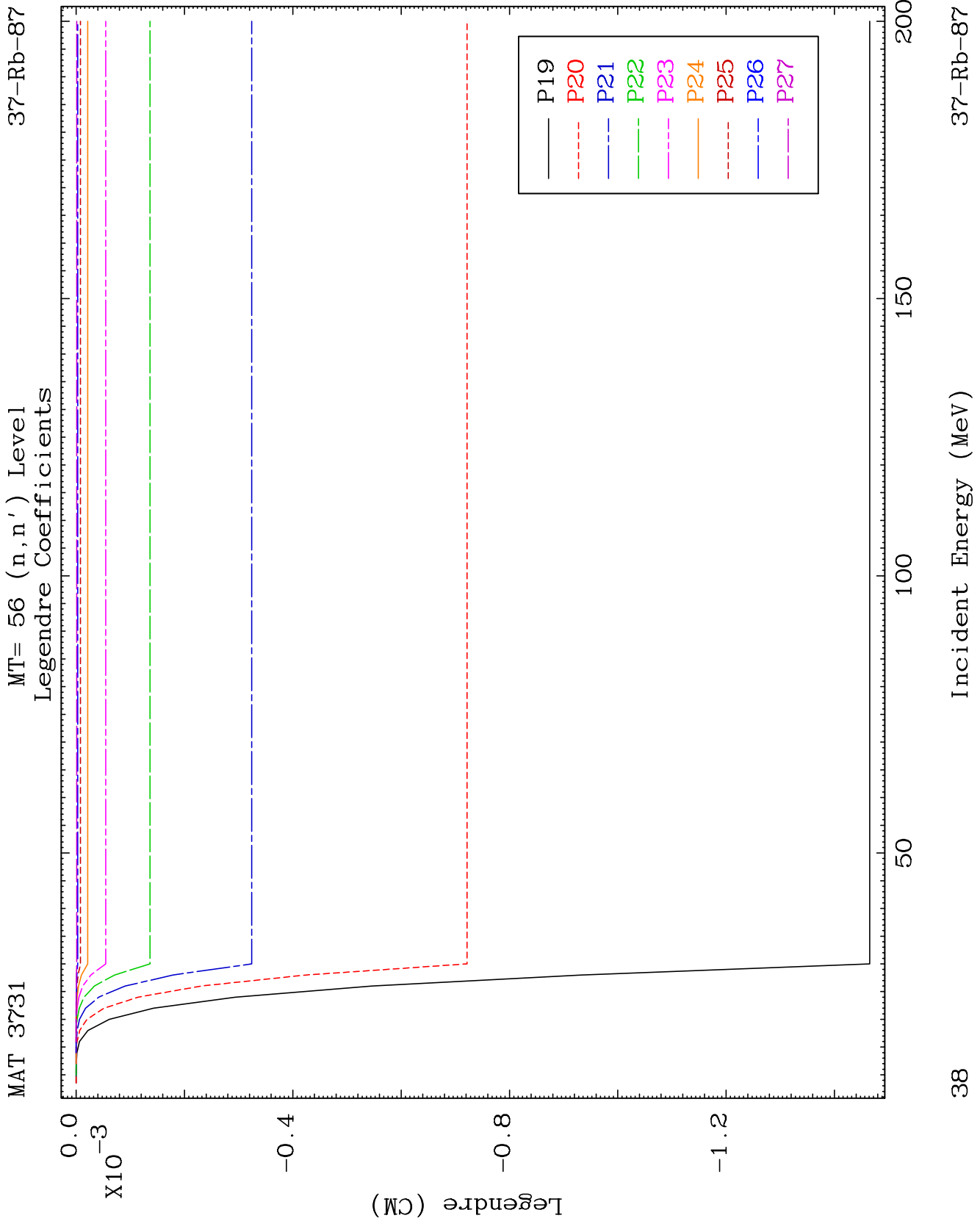
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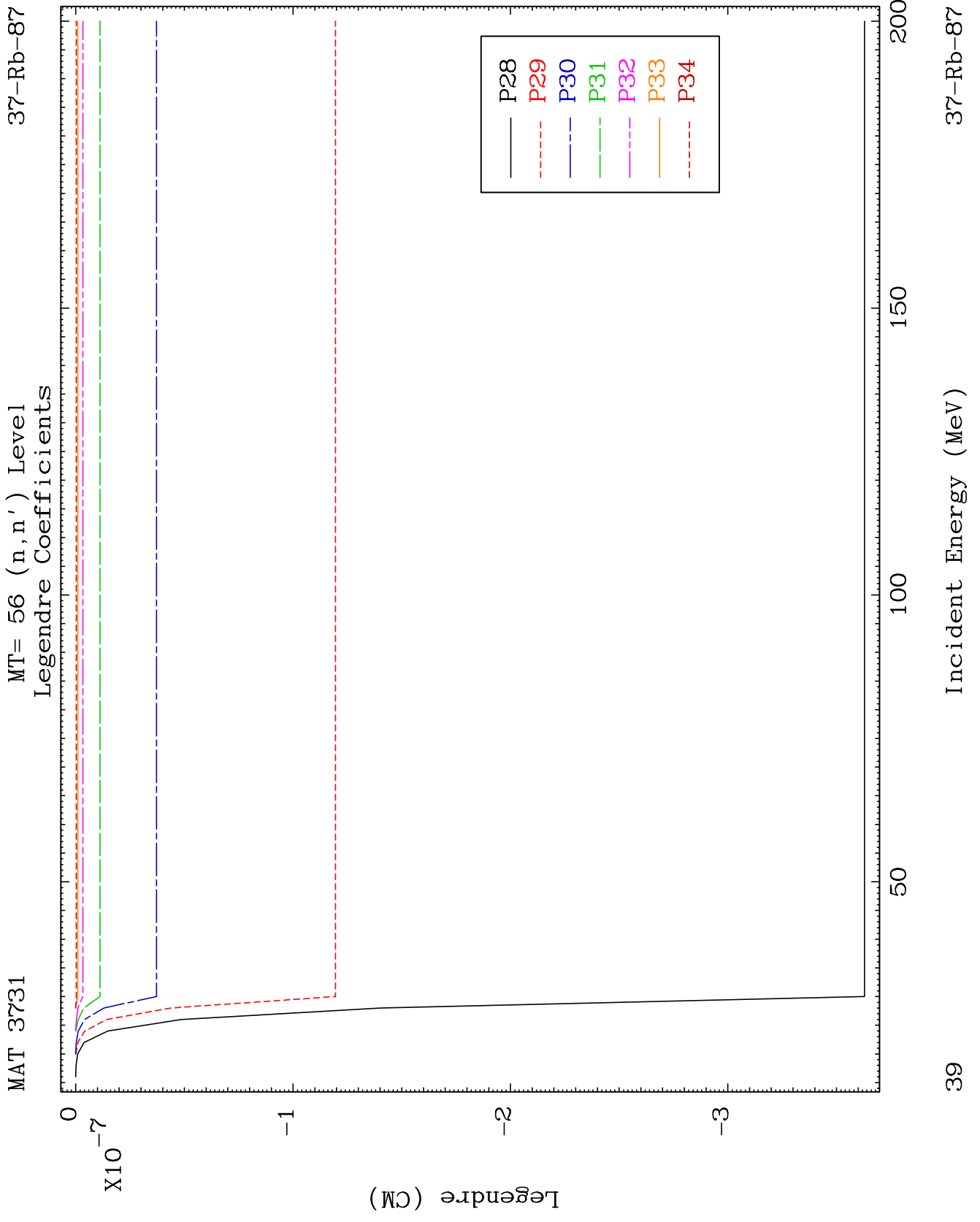


37

Incident Energy (MeV)

37-Rb-87

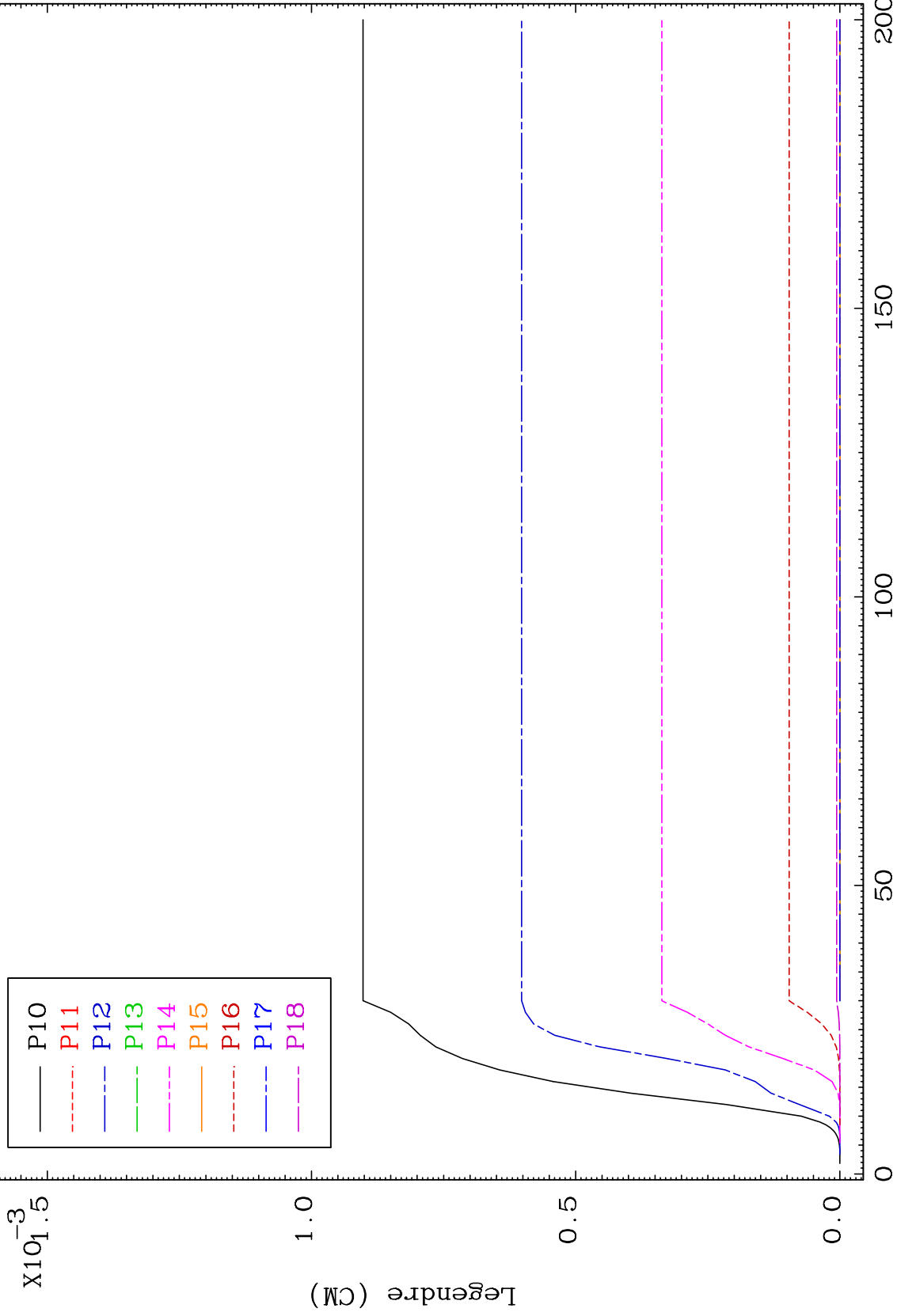
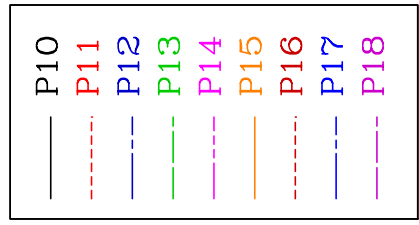




MAT 3731

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

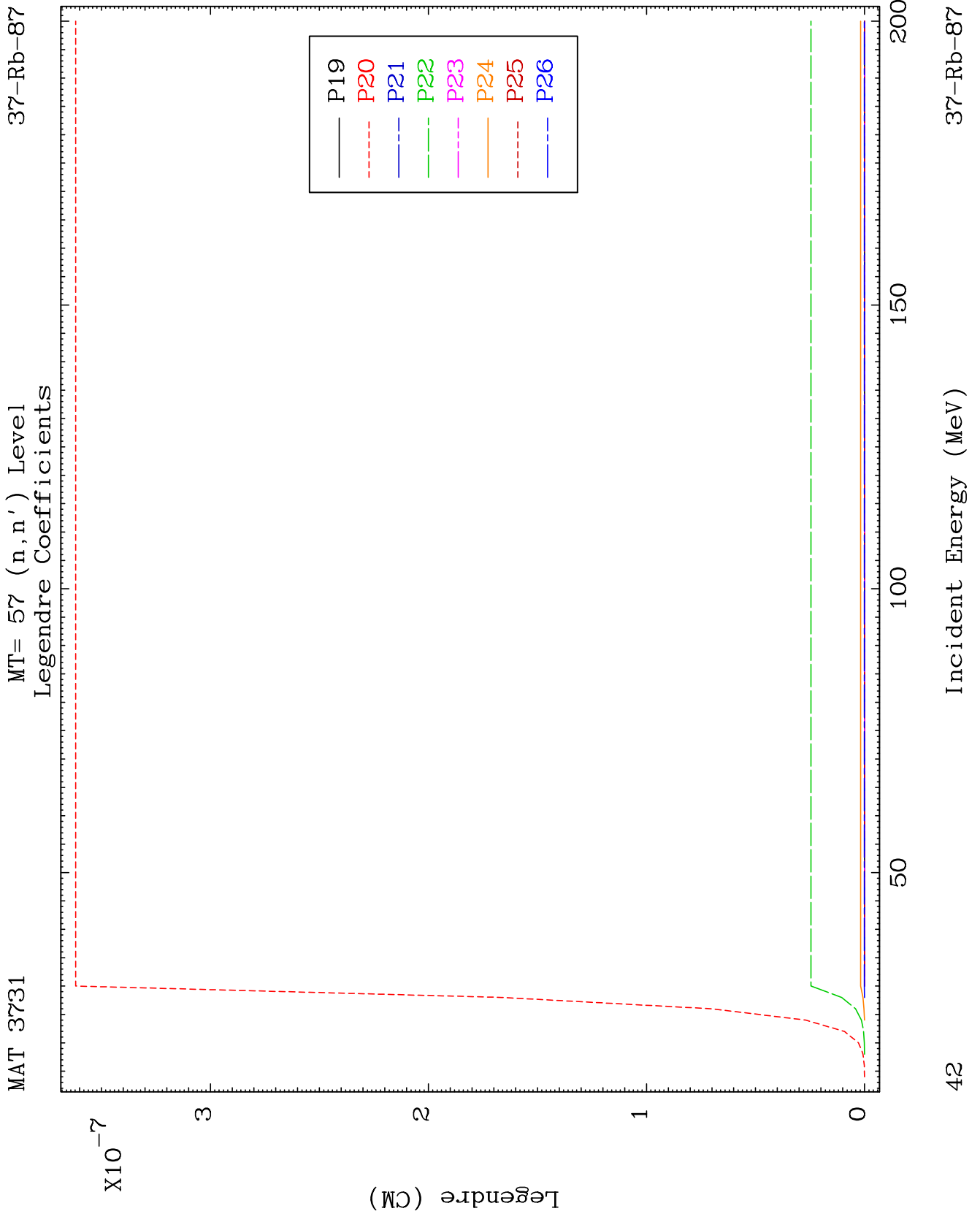
37-Rb-87



41

Incident Energy (MeV)

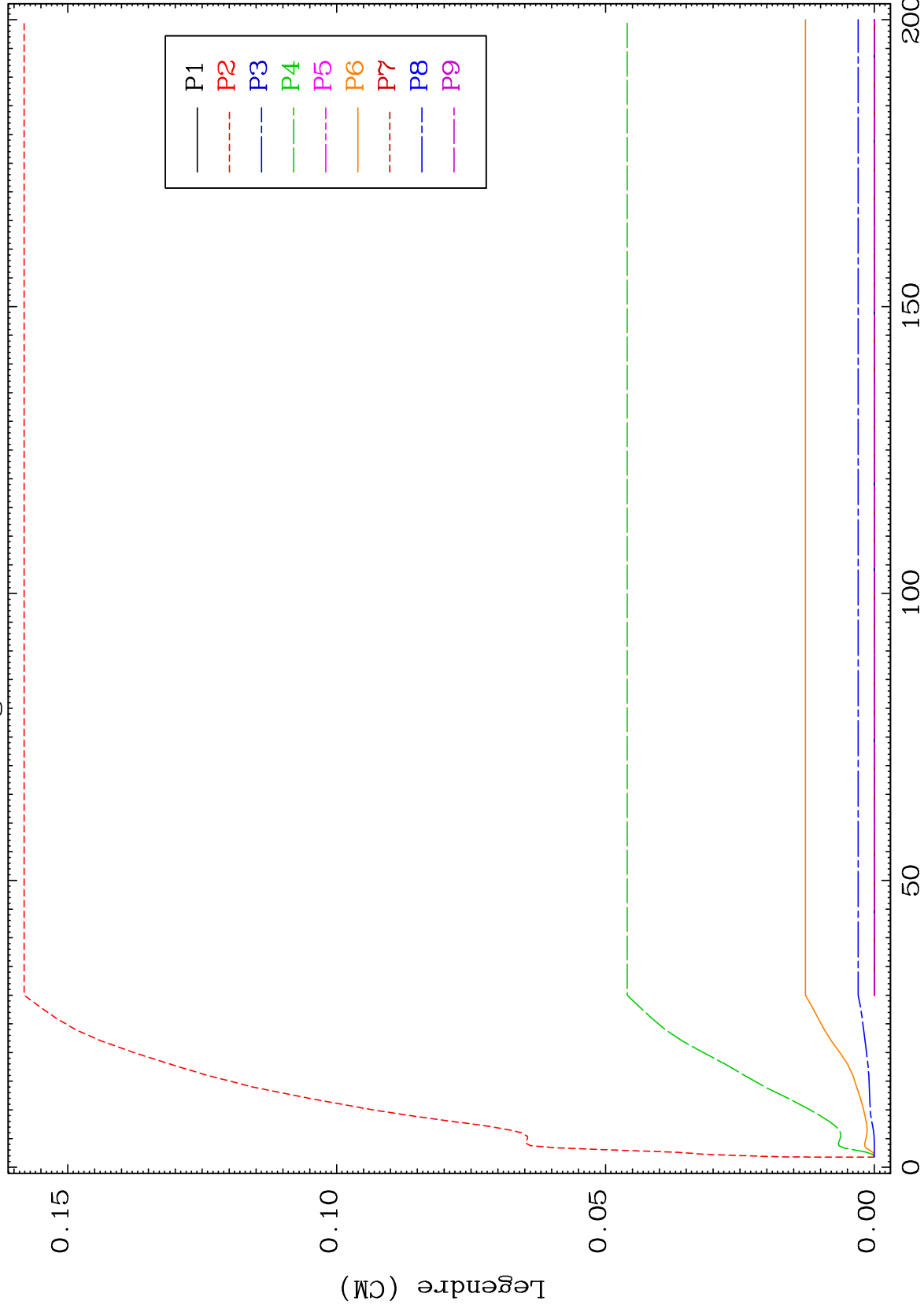
37-Rb-87



MAT 3731

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

37-Rb-87



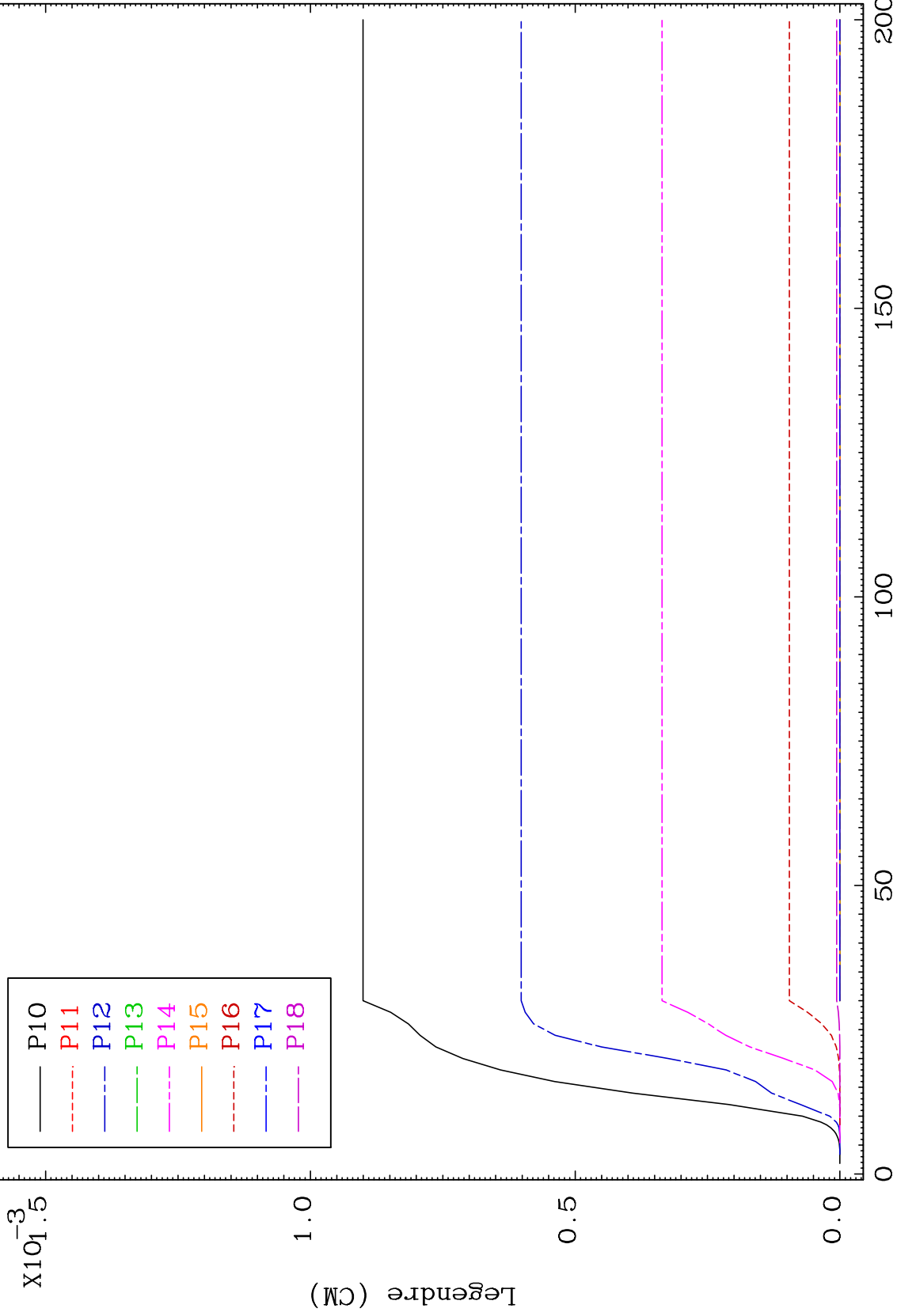
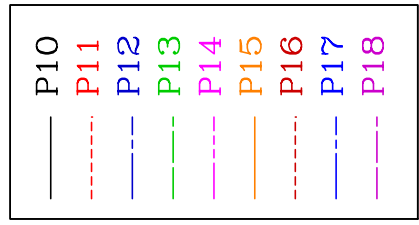
43

37-Rb-87

MAT 3731

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

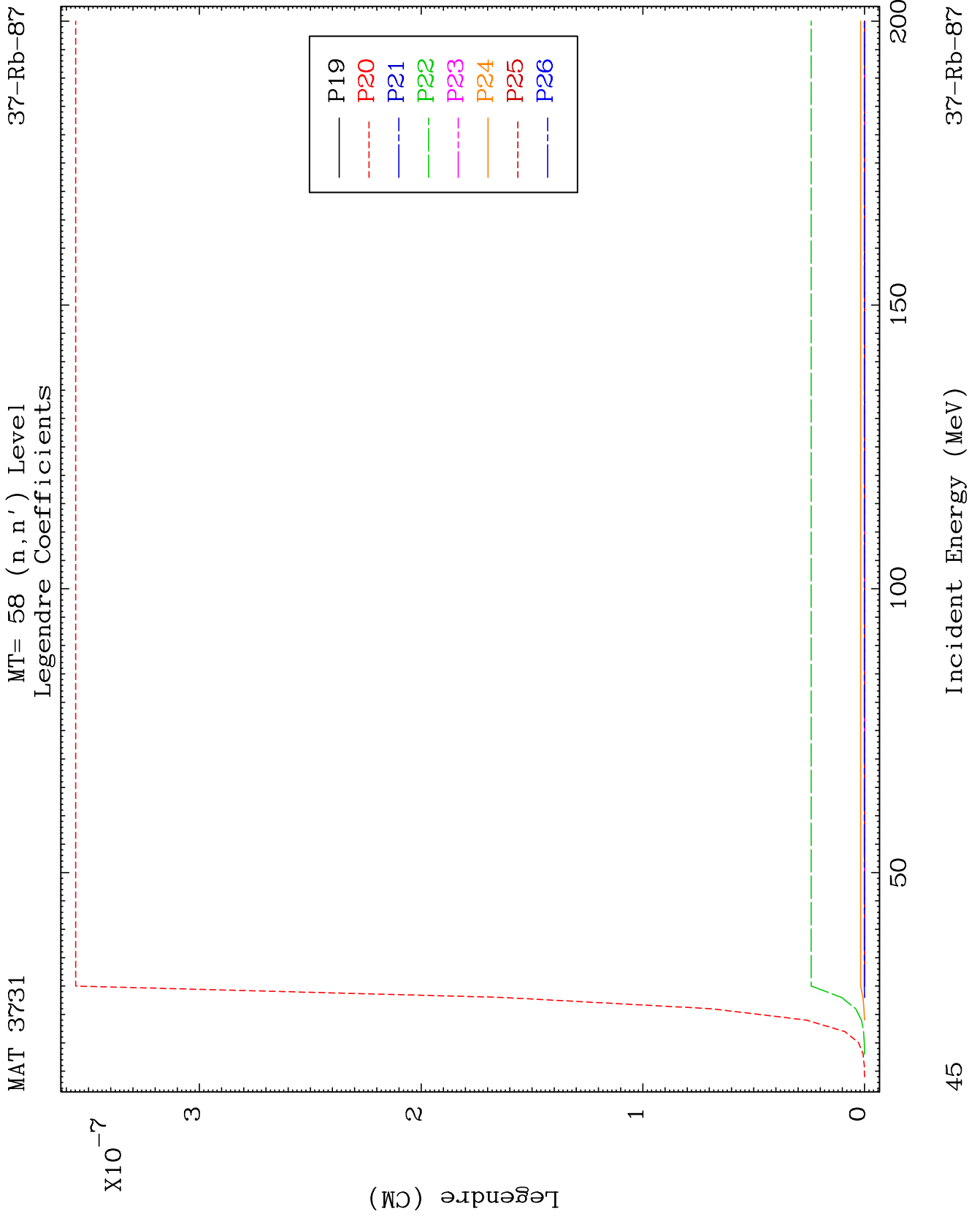
37-Rb-87



44

Incident Energy (MeV)

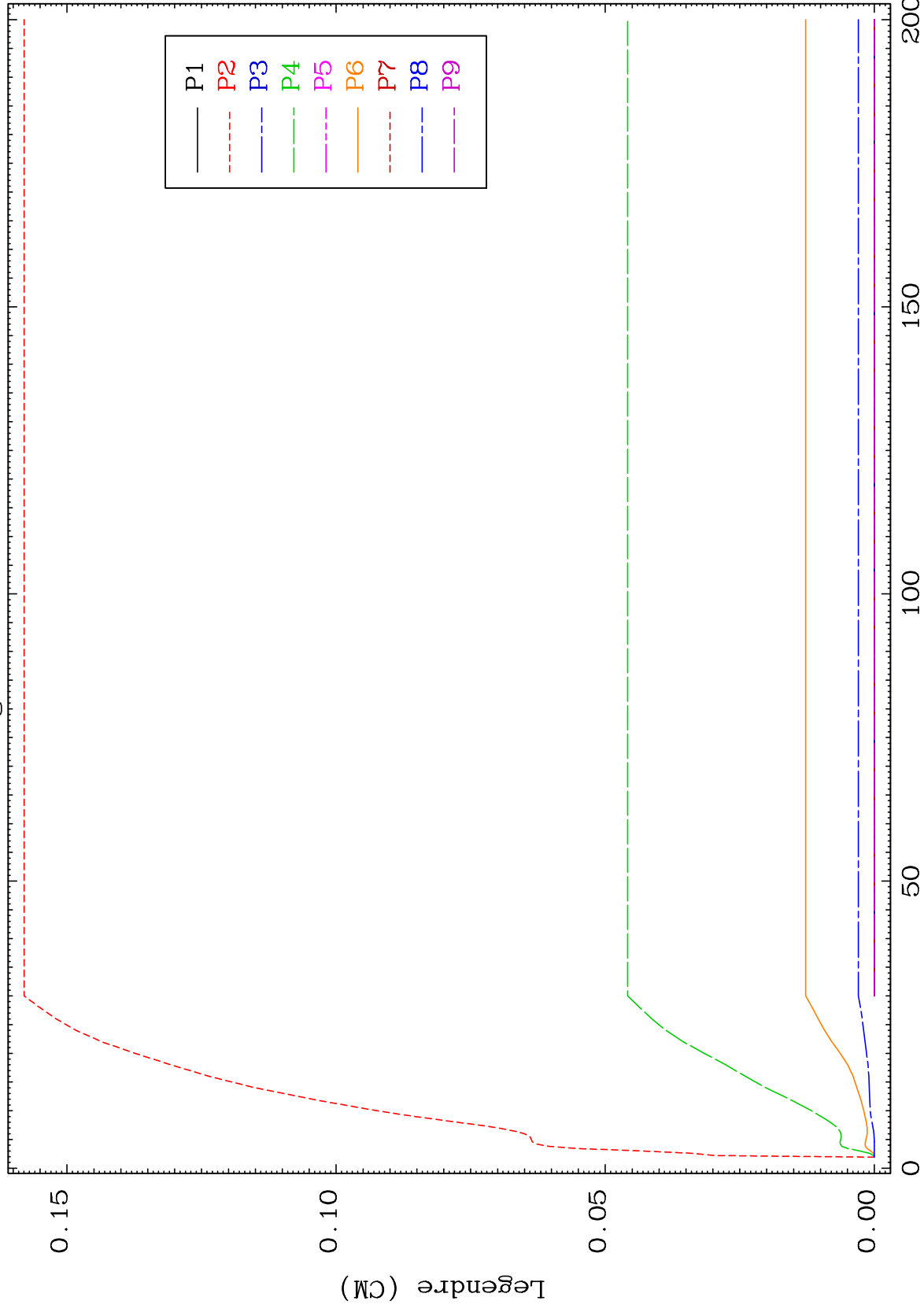
37-Rb-87



MAT 3731

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

37-Rb-87



46

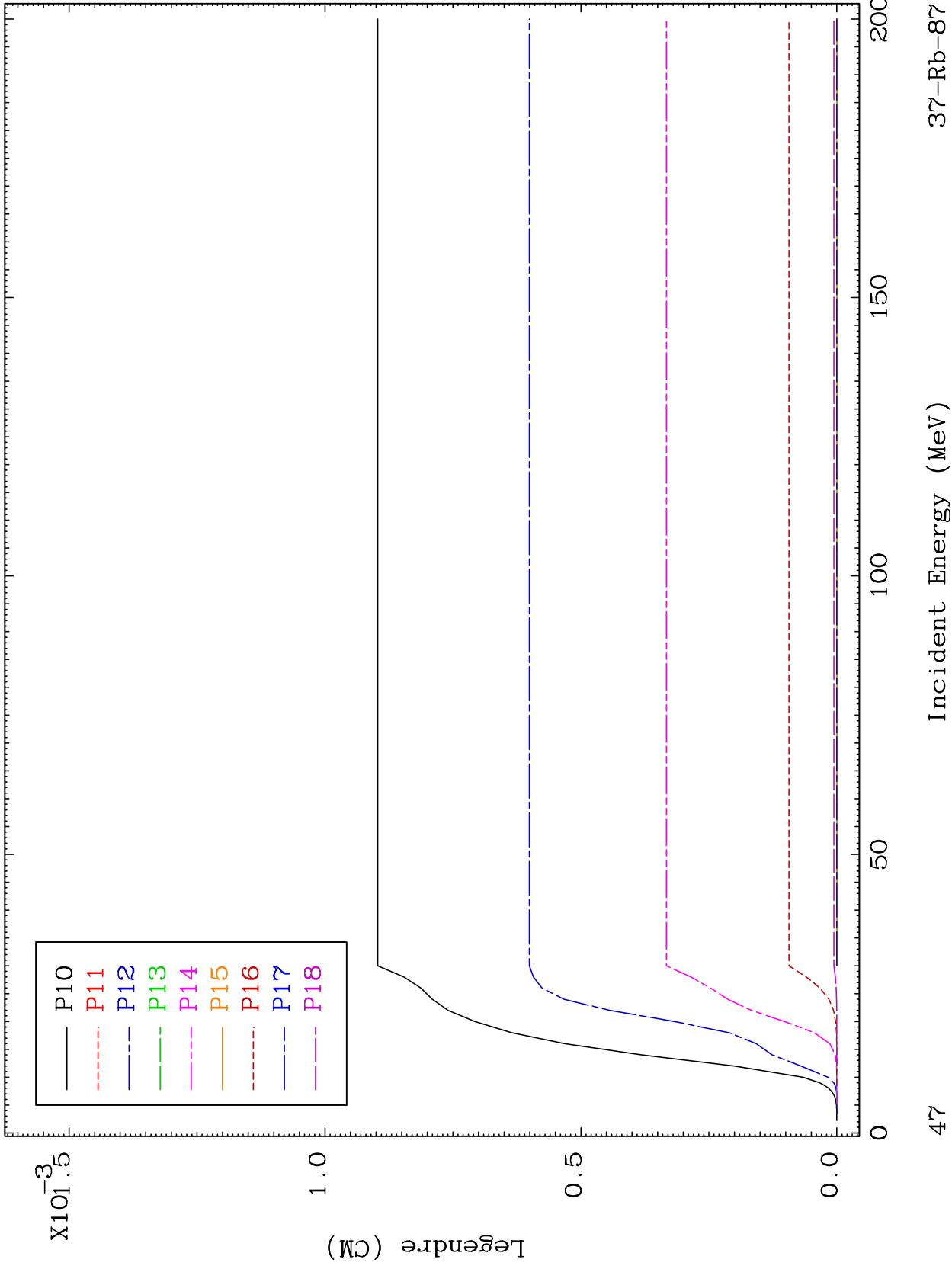
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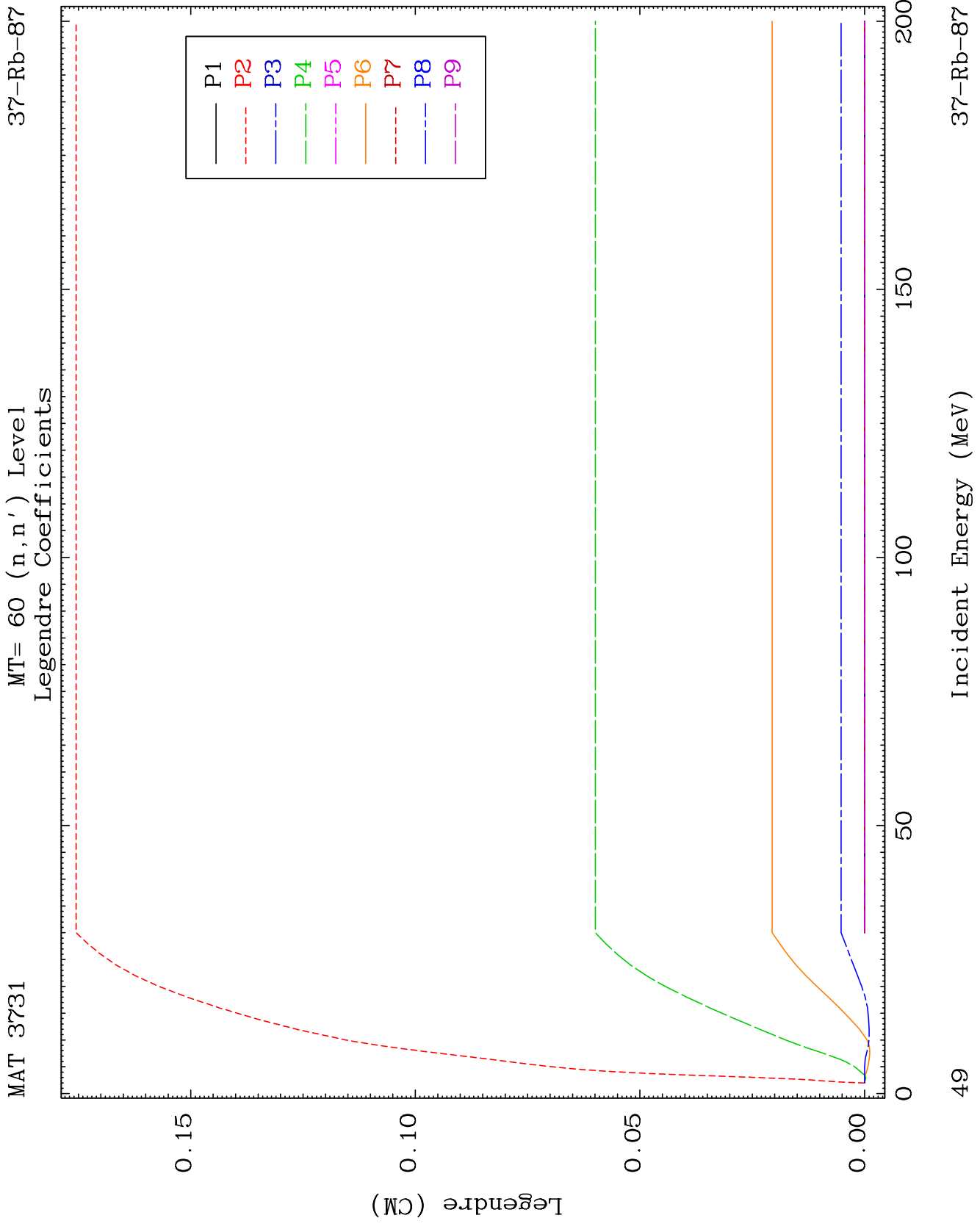
37-Rb-87

MAT 3731

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

37-Rb-87





37-Rb-87

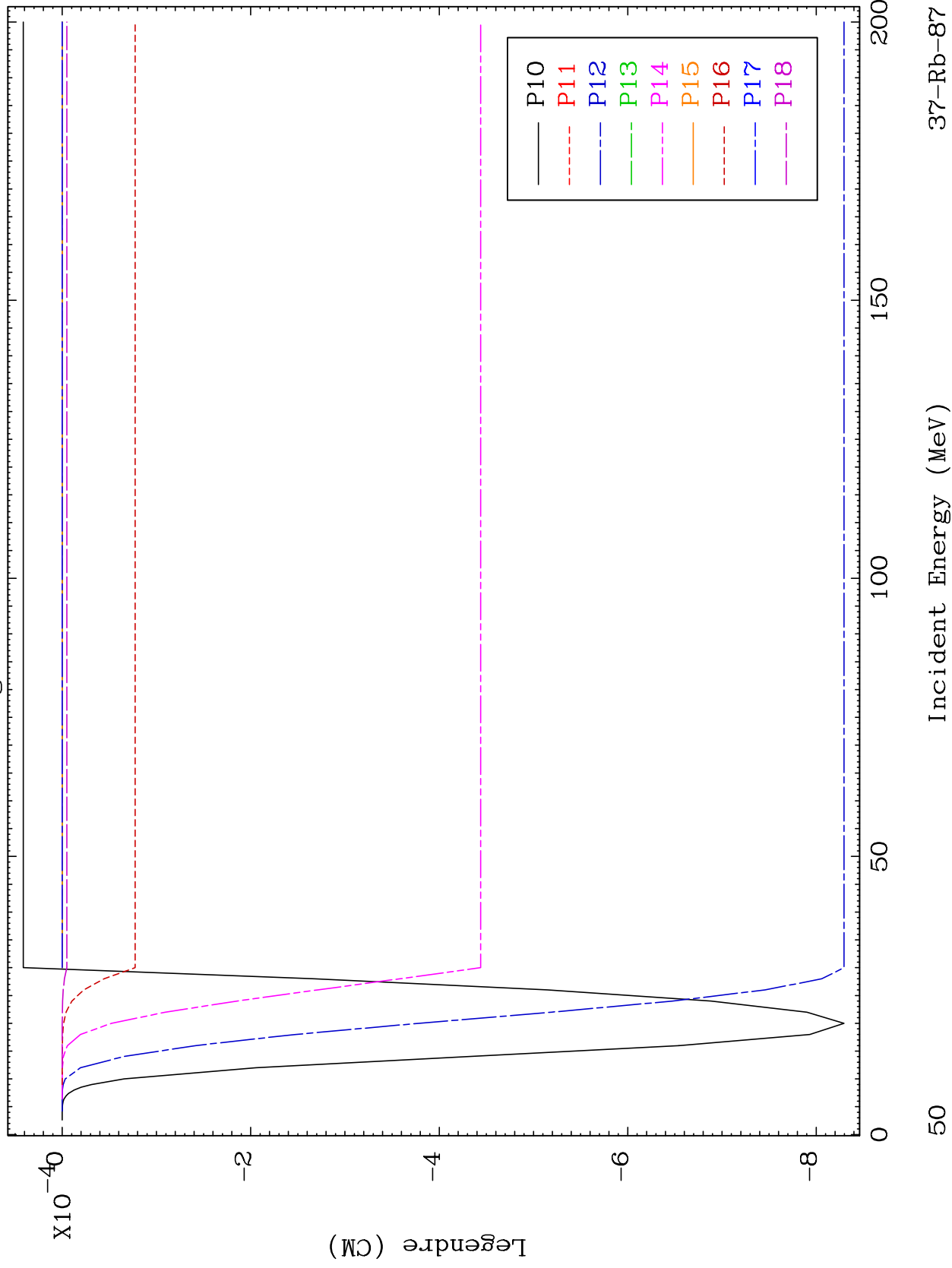
Incident Energy (MeV)

49

MAT 3731

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

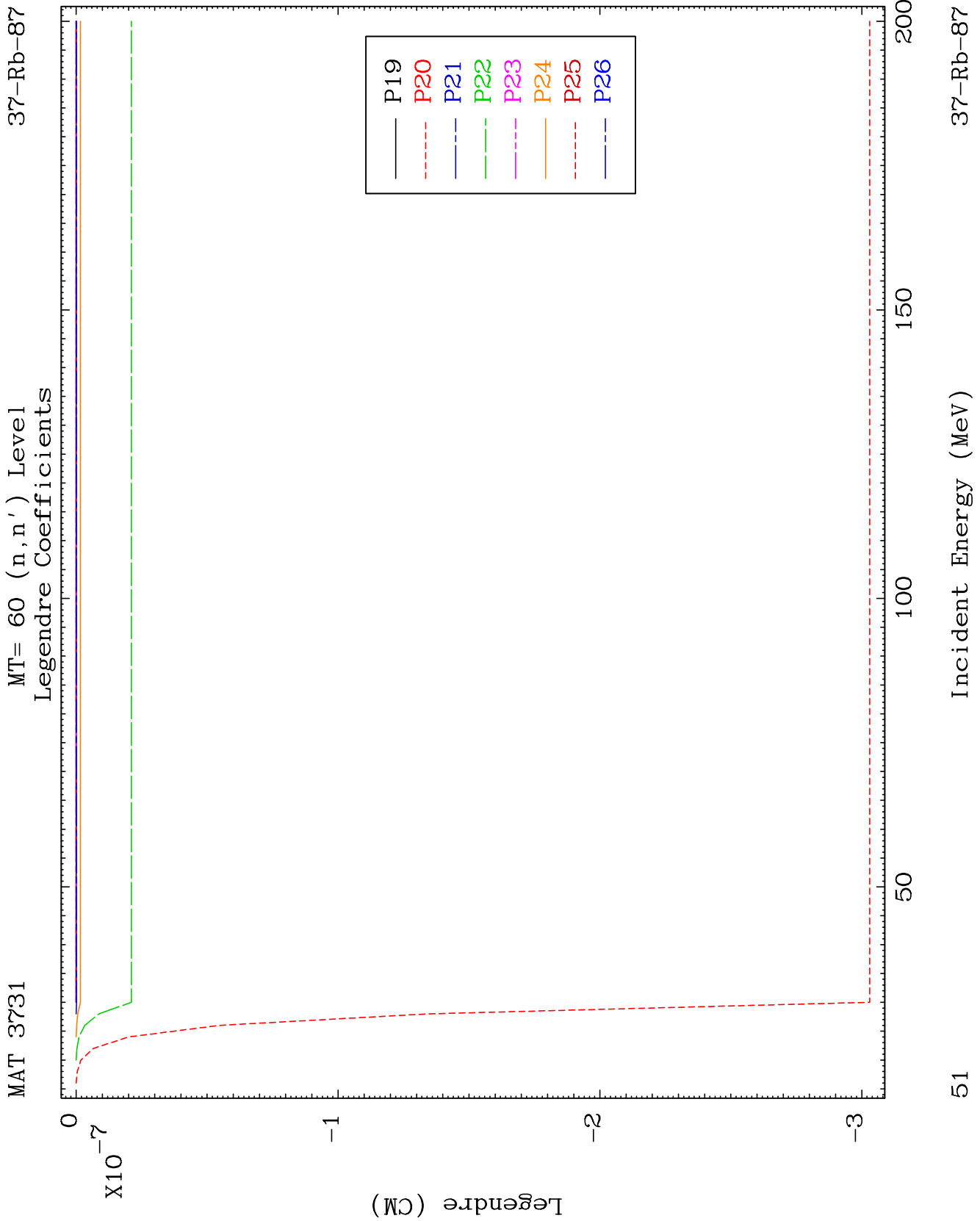
37-Rb-87



37-Rb-87

Incident Energy (MeV)

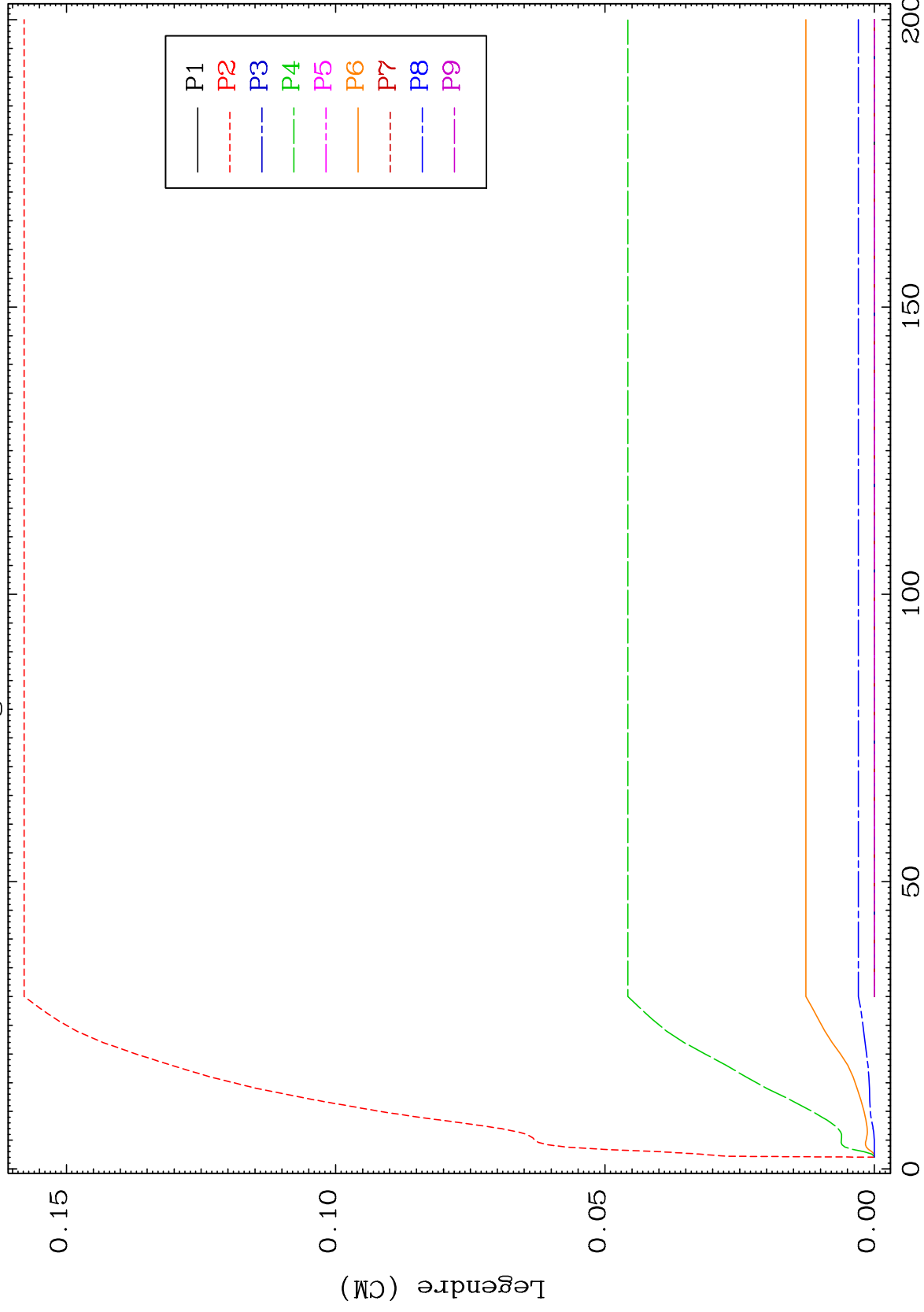
50



MAT 3731

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

37-Rb-87



52

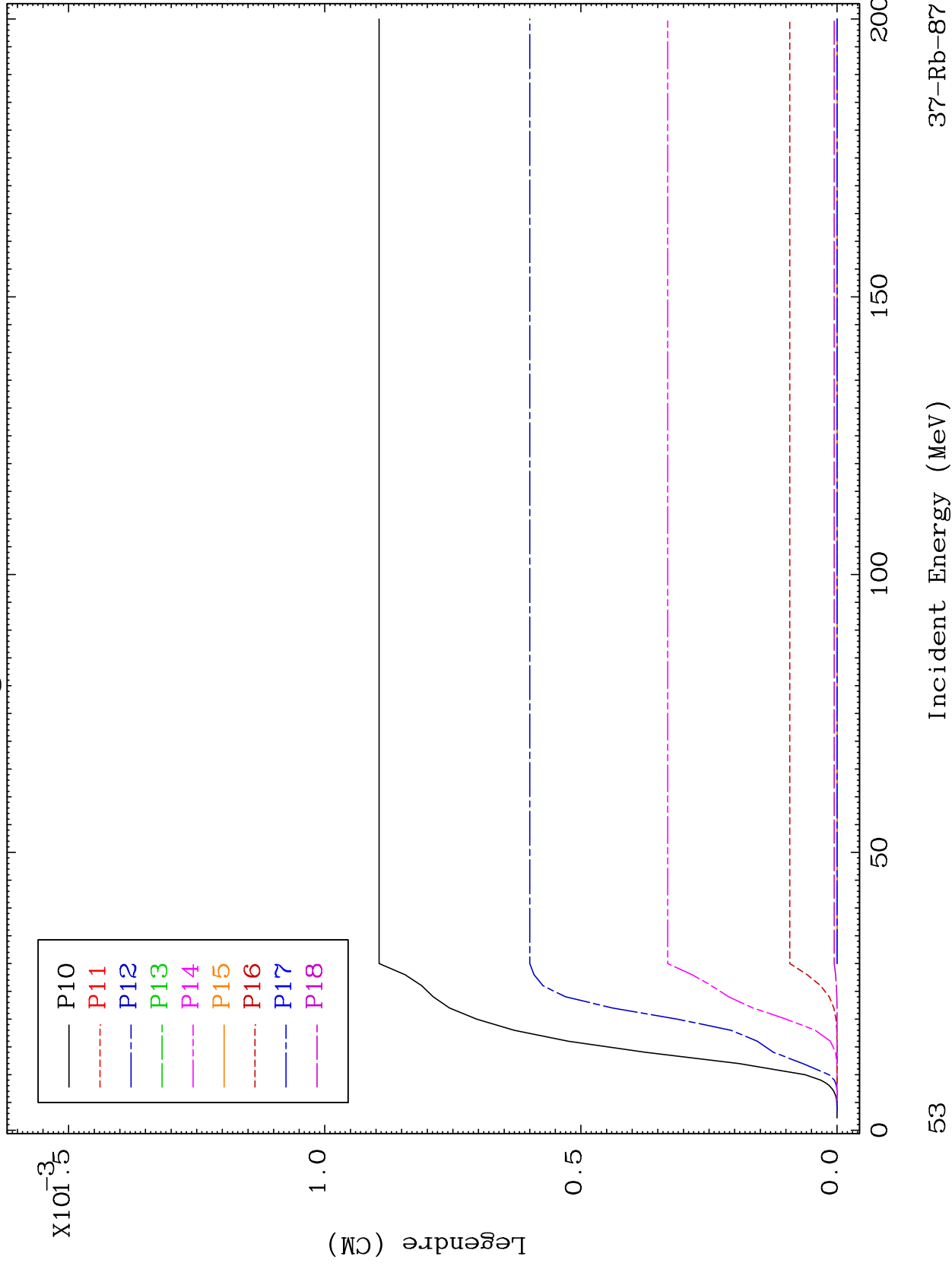
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

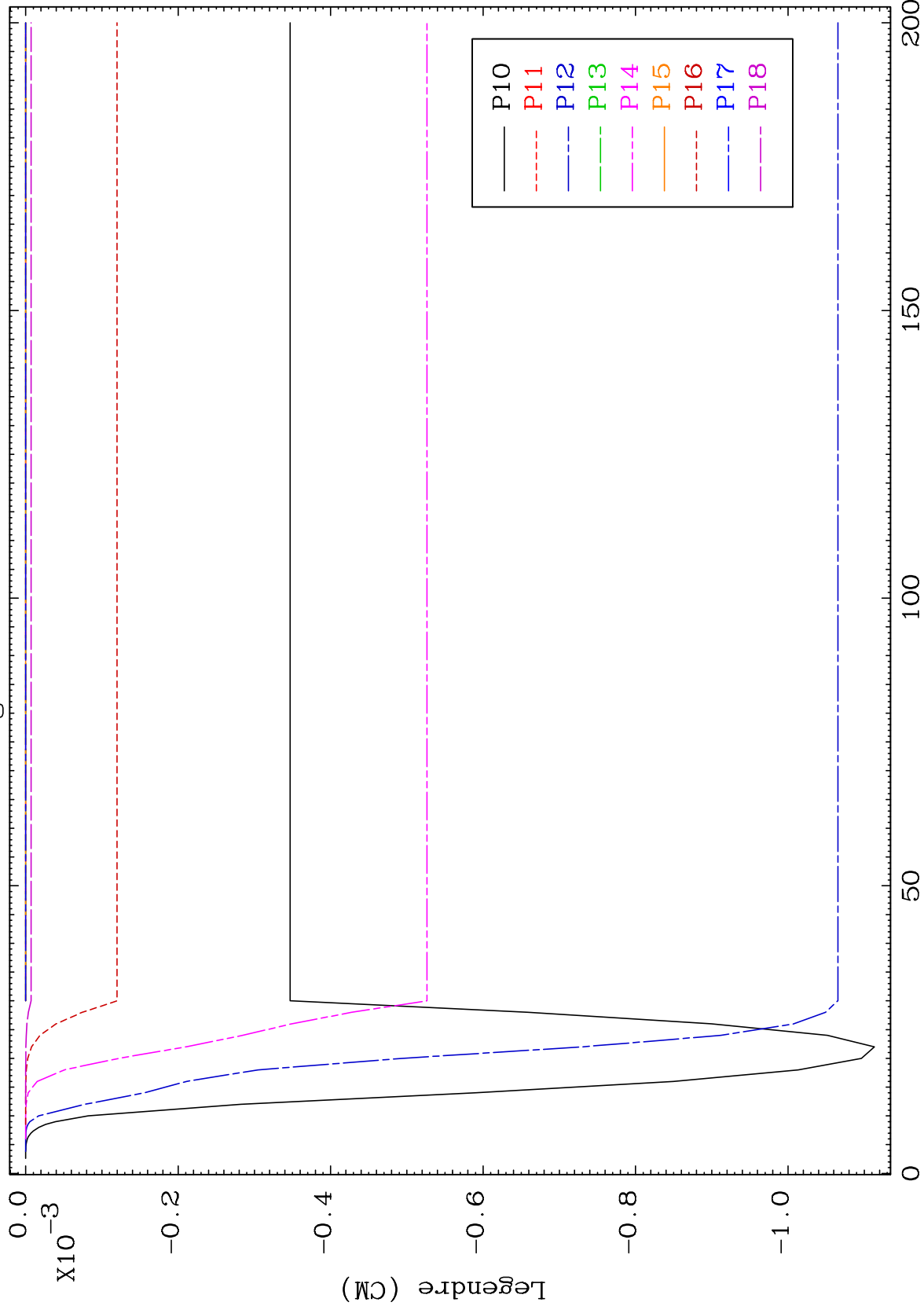
37-Rb-87



MAT 3731

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

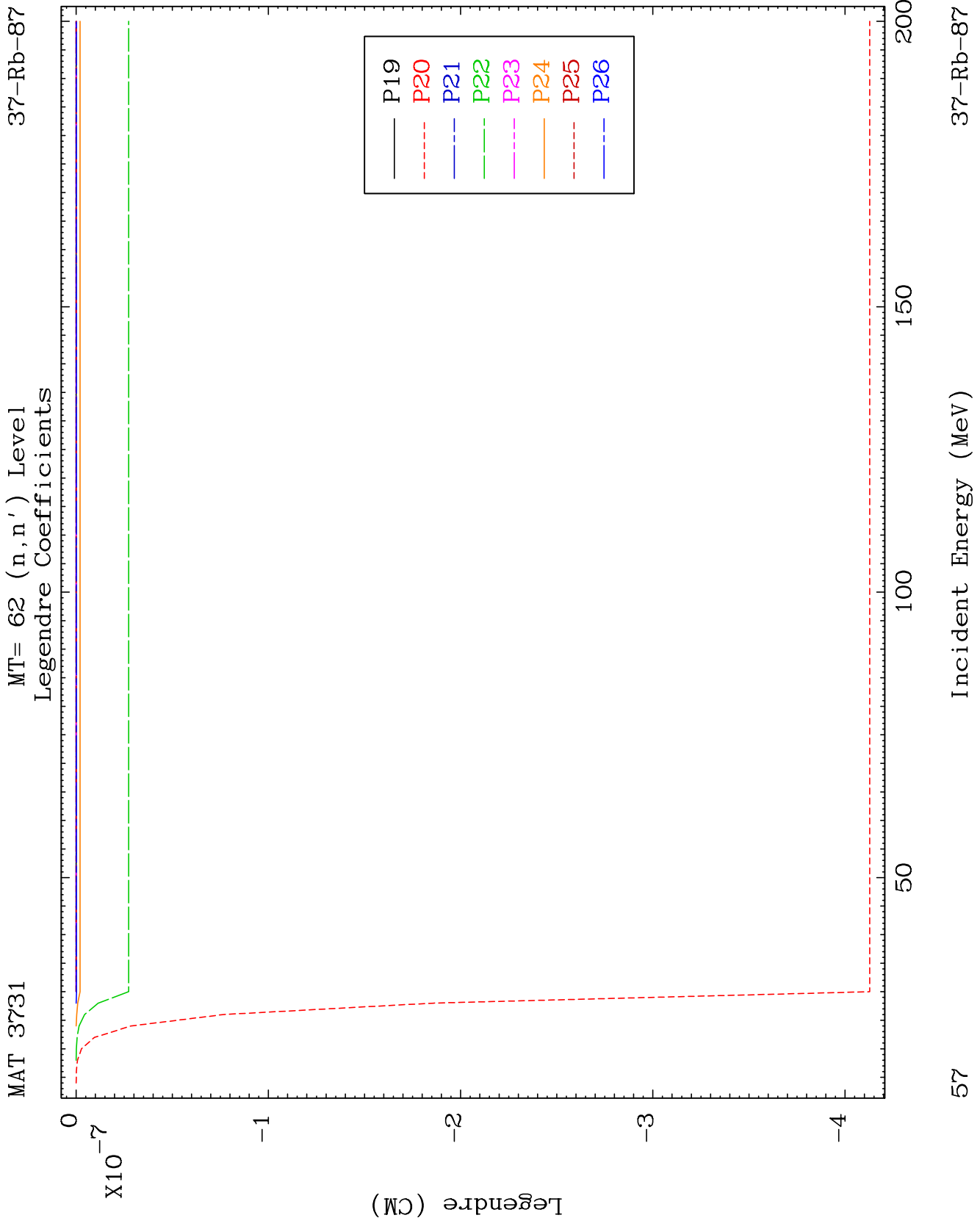
37-Rb-87

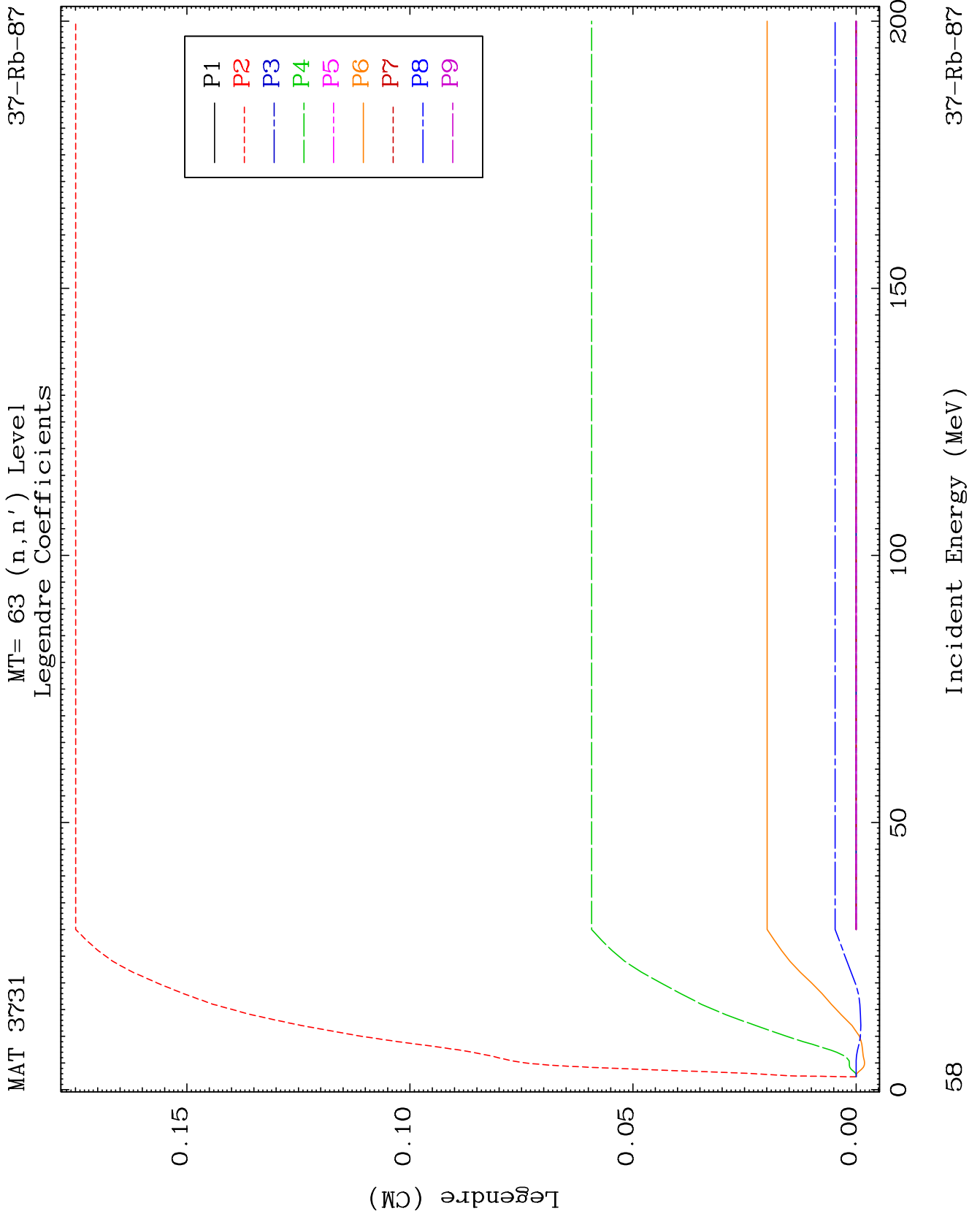


56

Incident Energy (MeV)

37-Rb-87





37-Rb-87

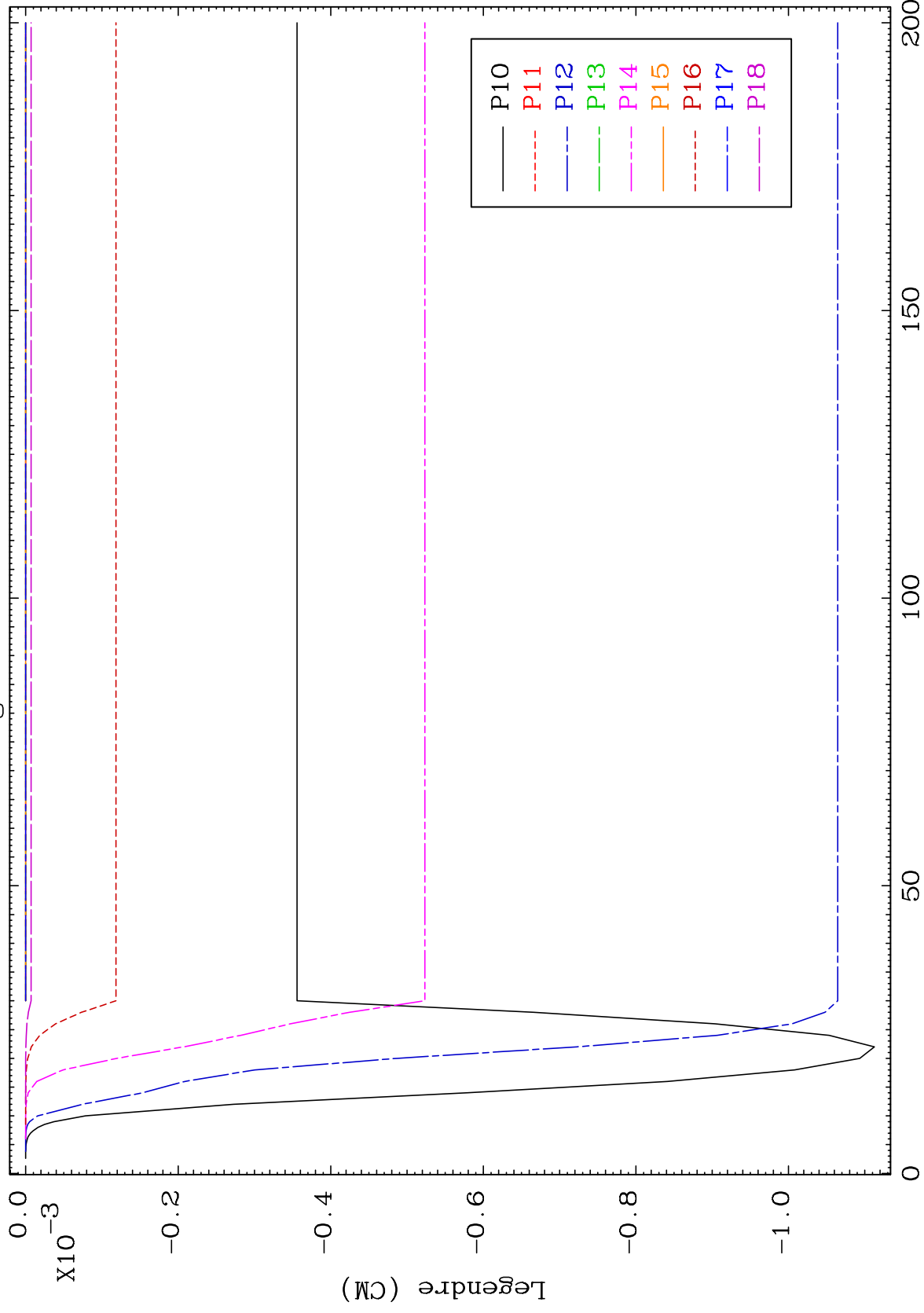
Incident Energy (MeV)

58

MAT 3731

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

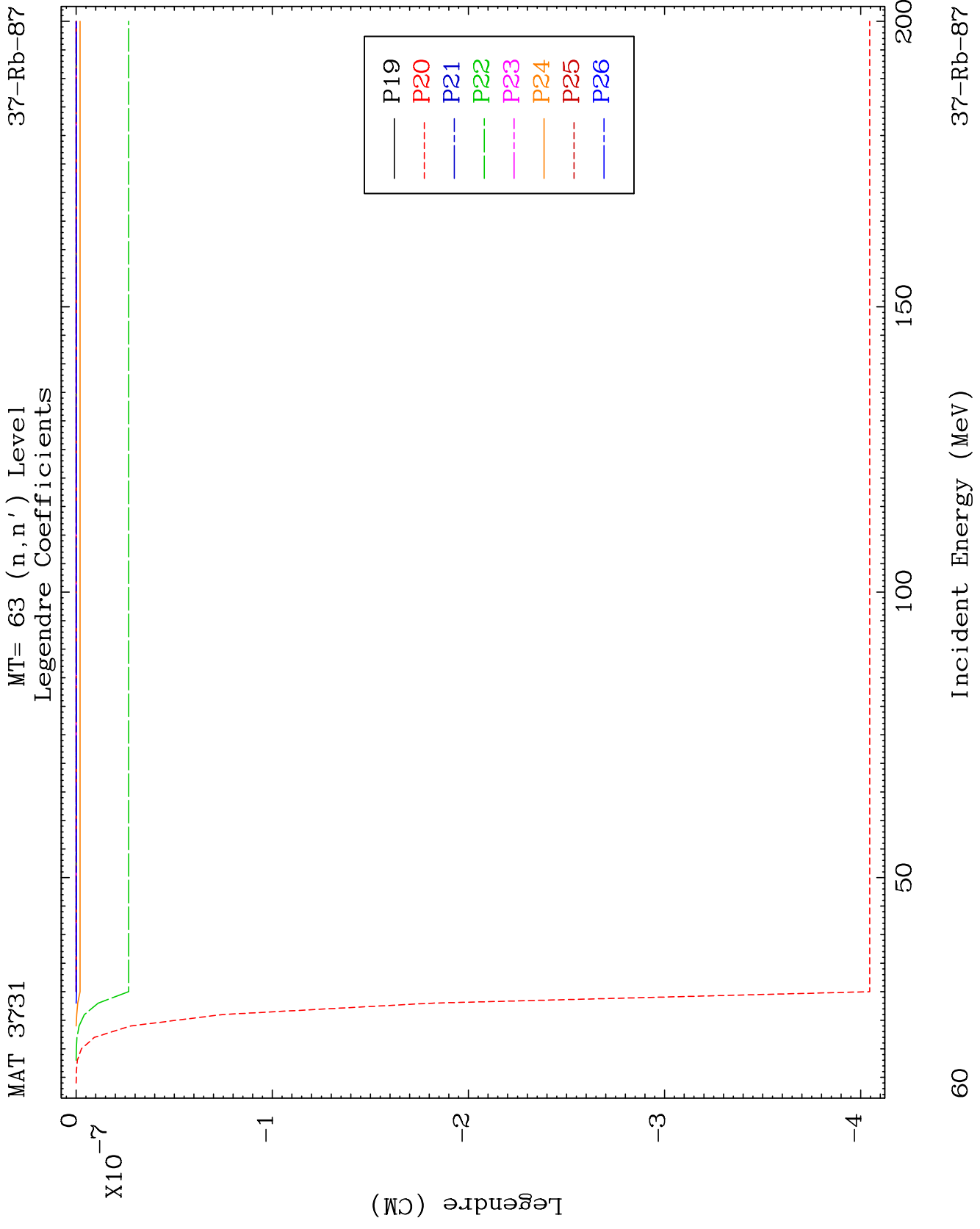
37-Rb-87



59

Incident Energy (MeV)

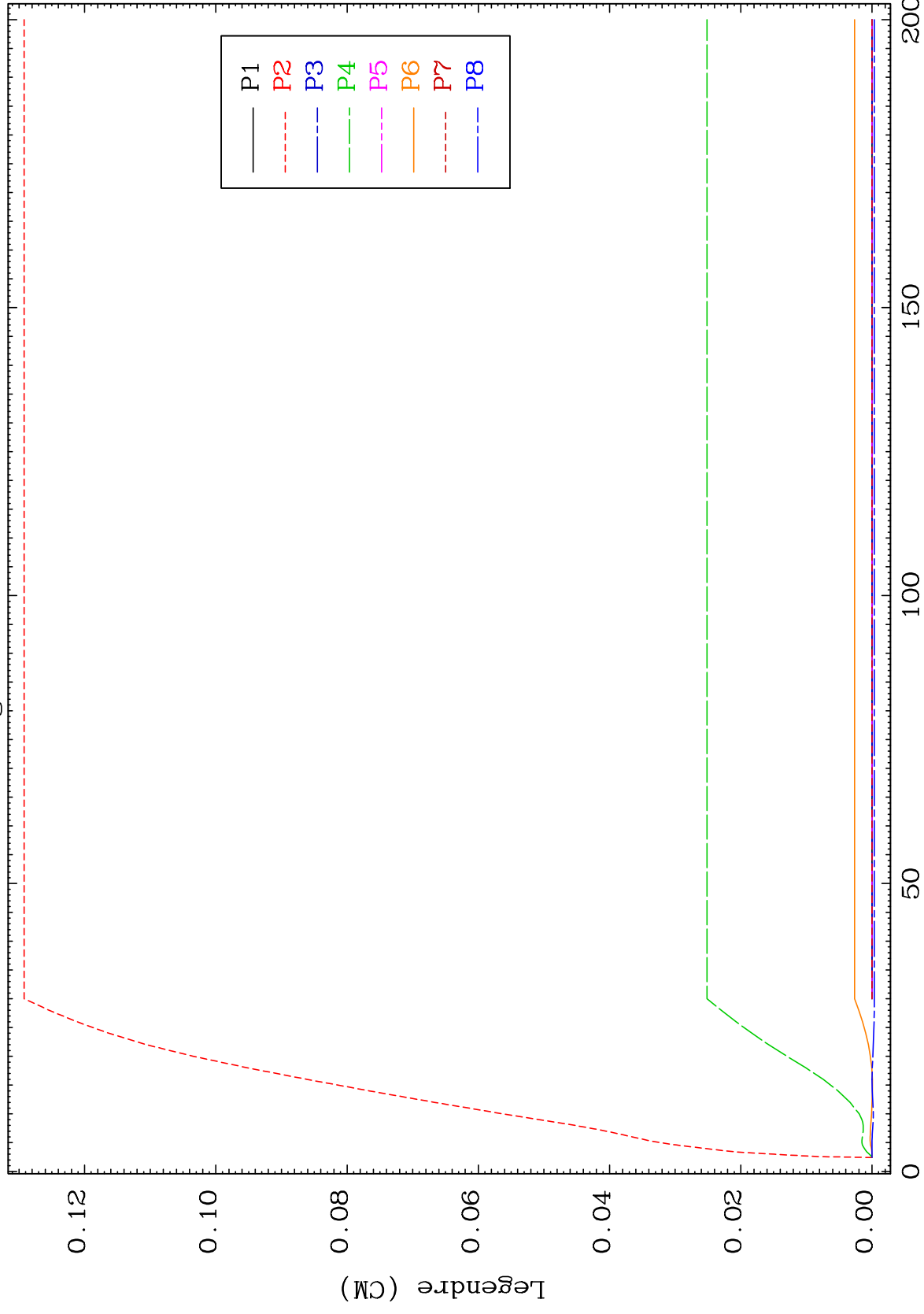
37-Rb-87



MAT 3731

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

37-Rb-87



61

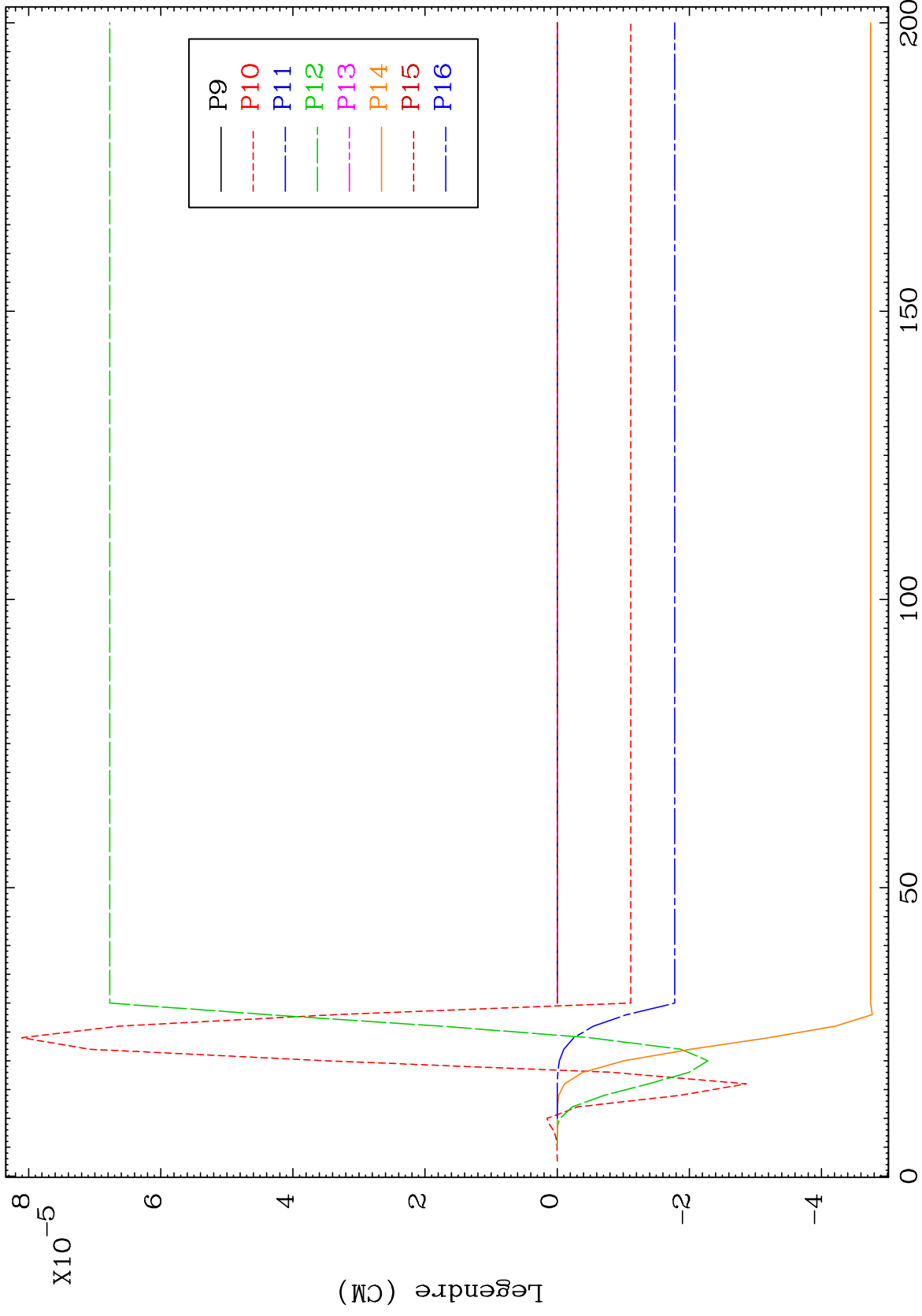
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



62

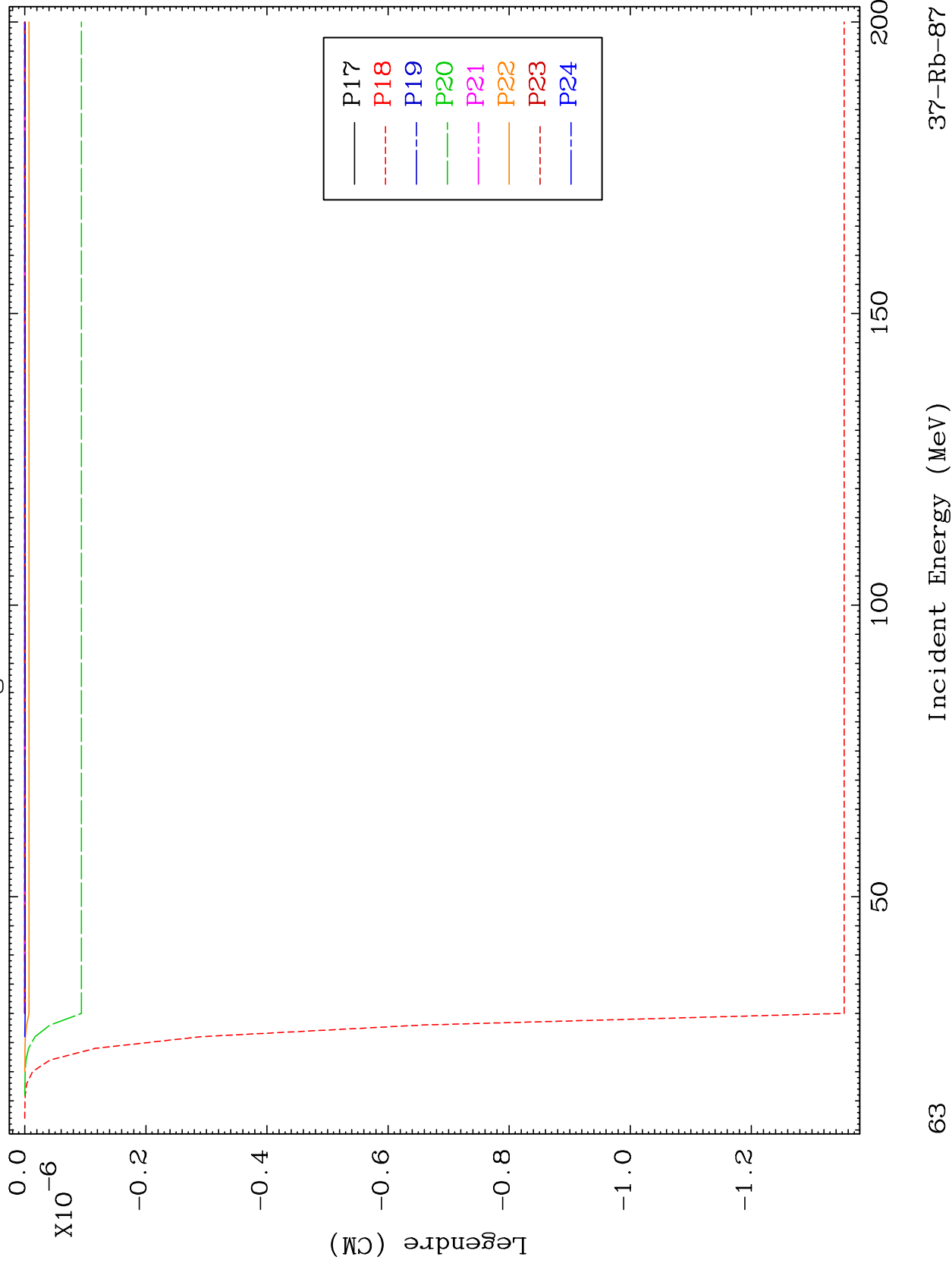
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



63

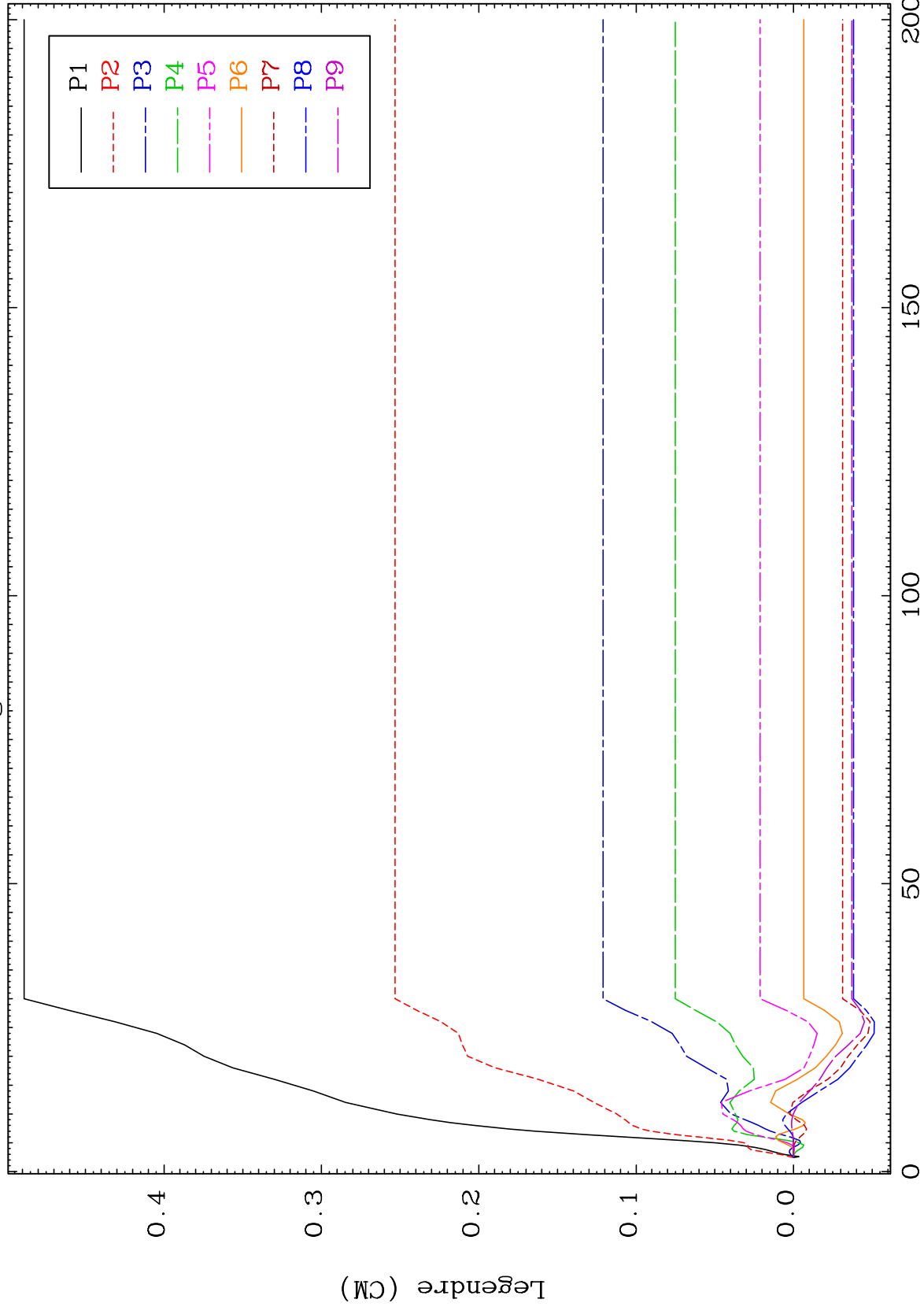
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



64

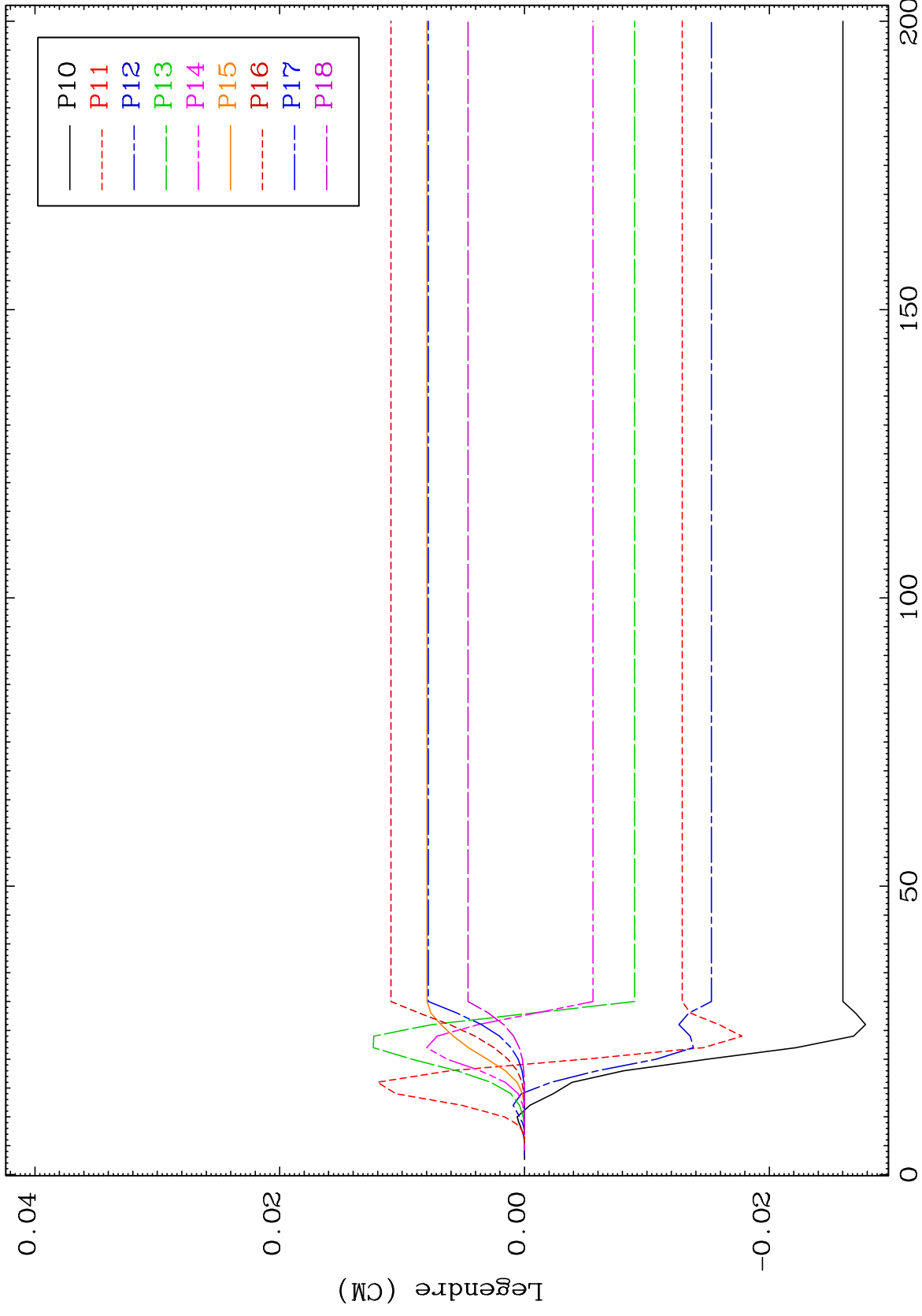
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

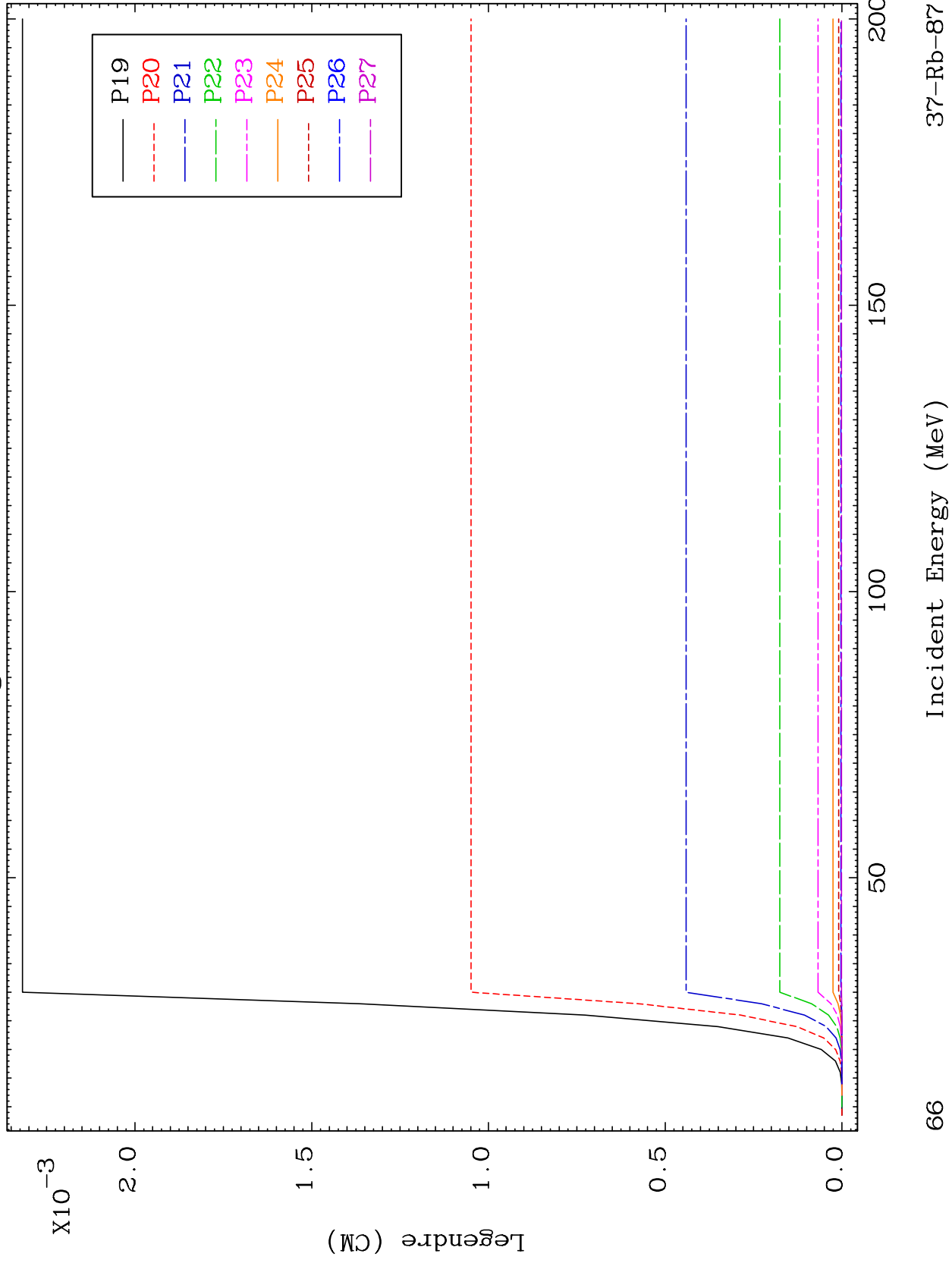
37-Rb-87



65

Incident Energy (MeV)

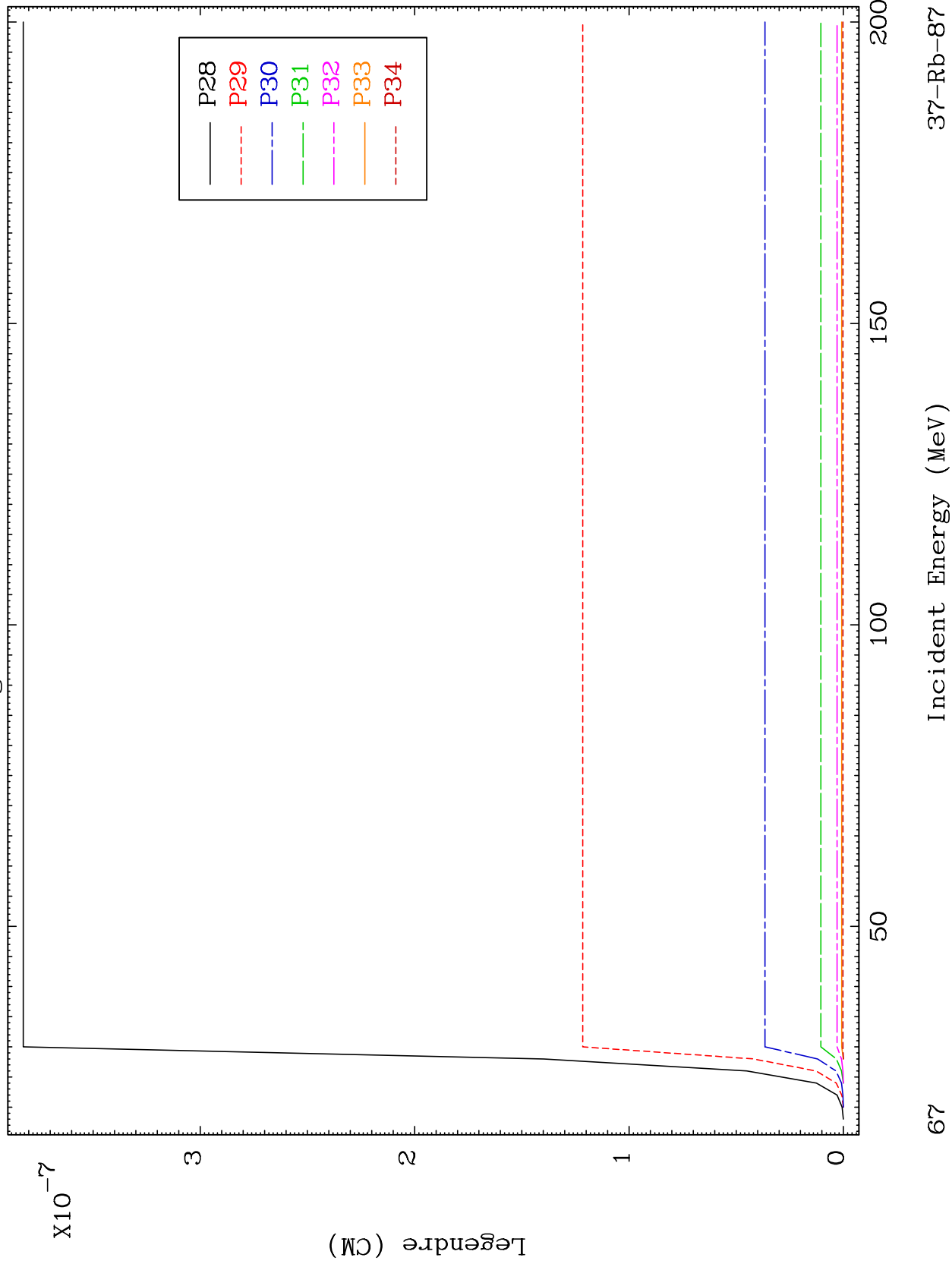
37-Rb-87



MAT 3731

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

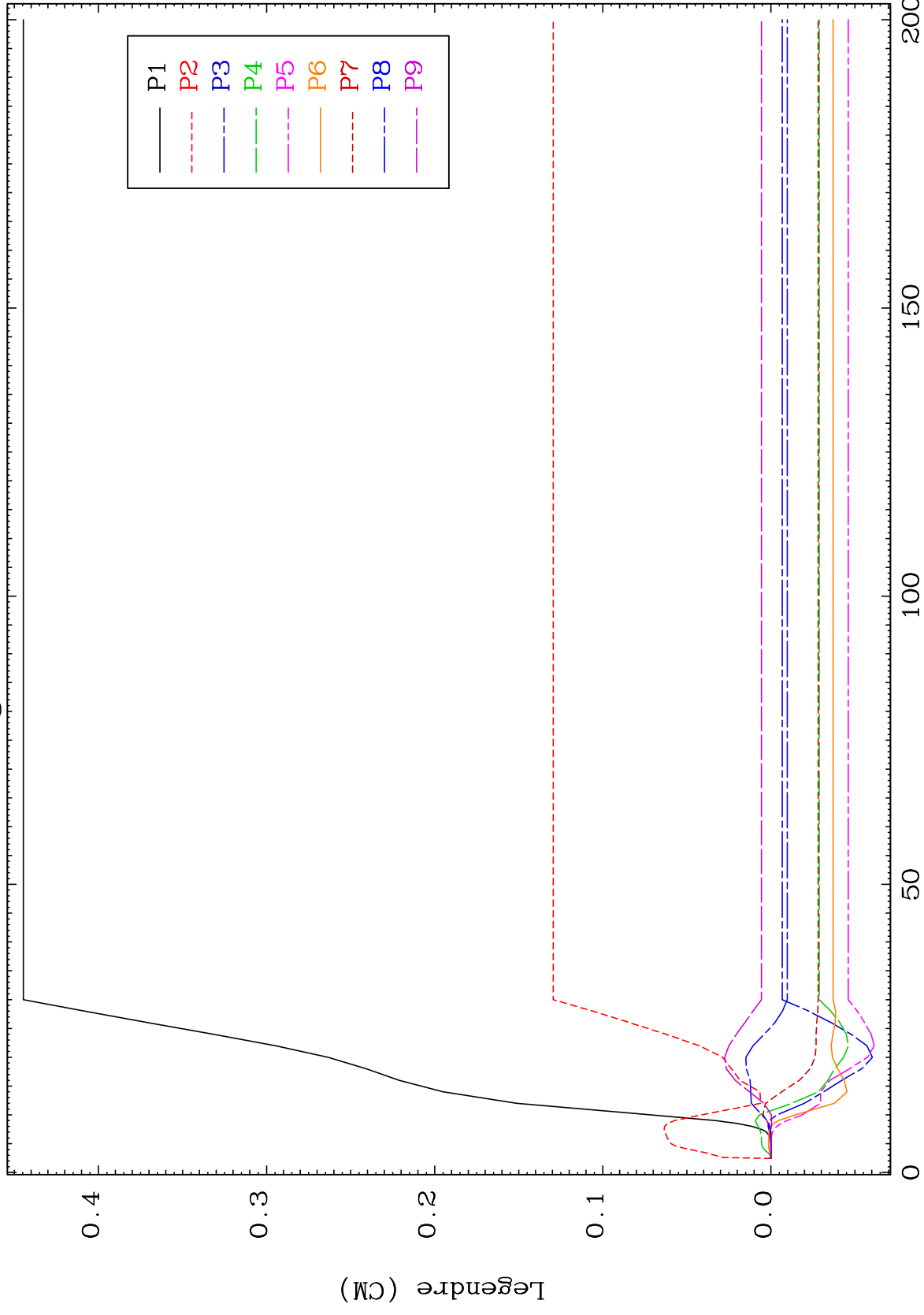
37-Rb-87



MAT 3731

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

37-Rb-87



68

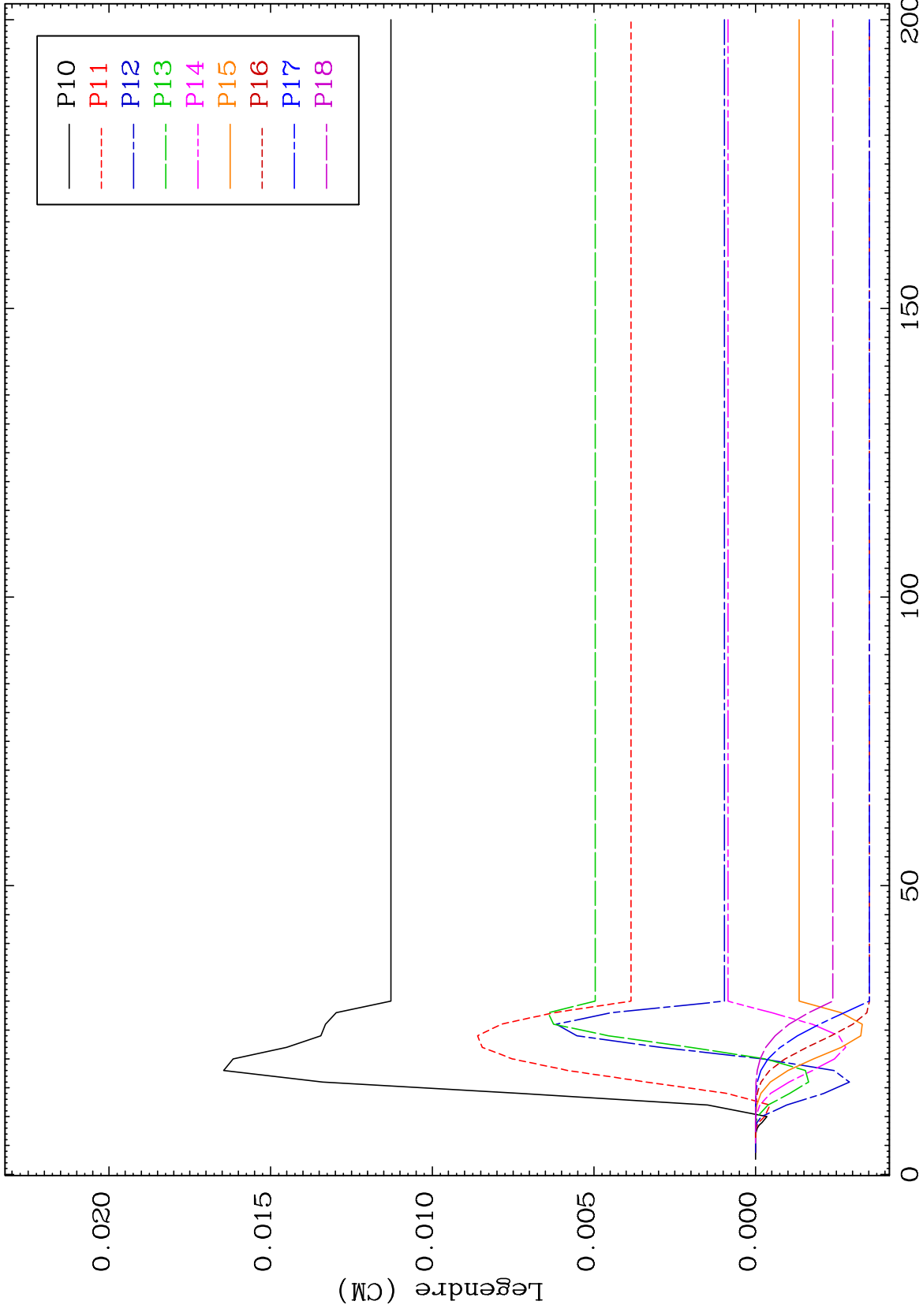
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

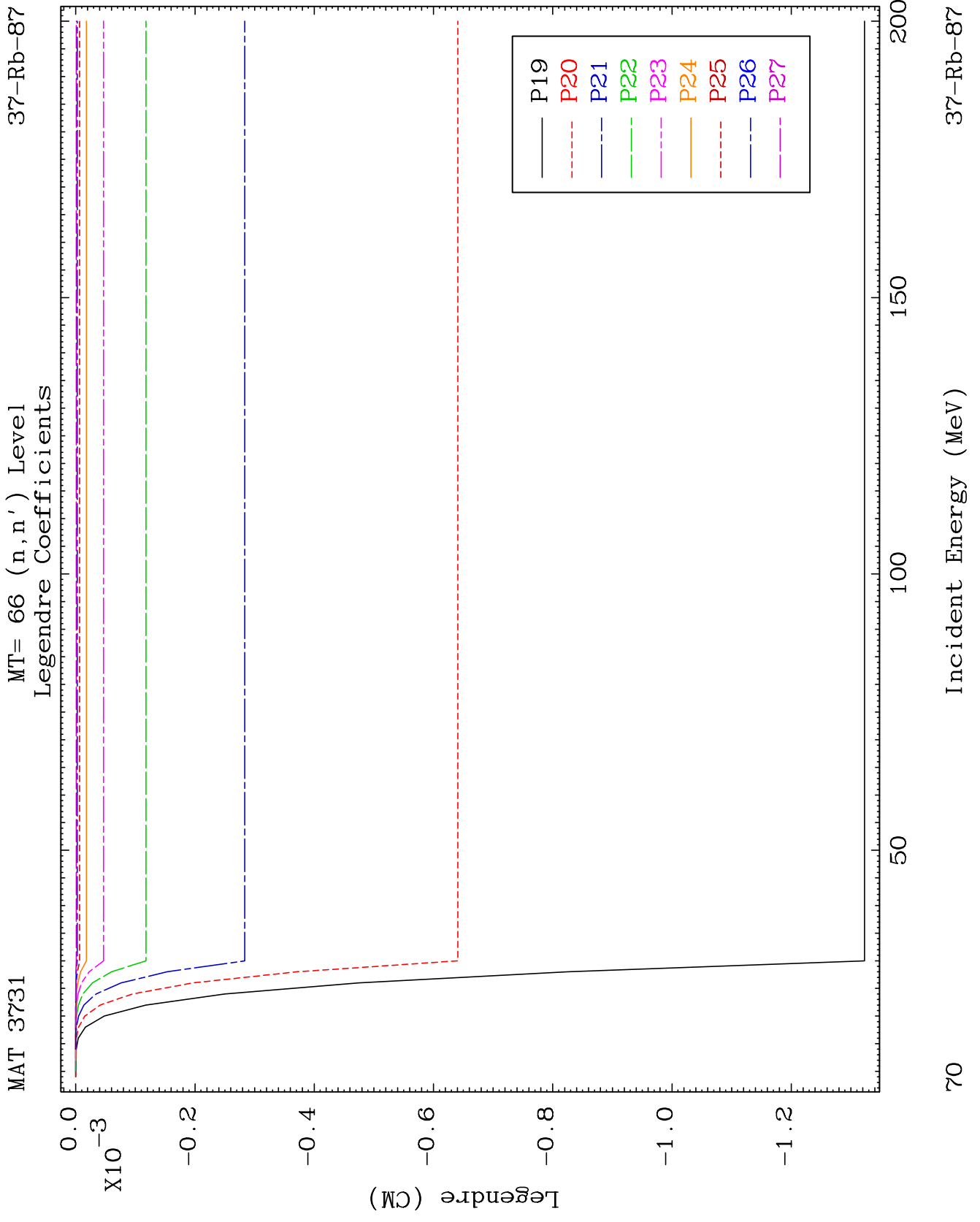
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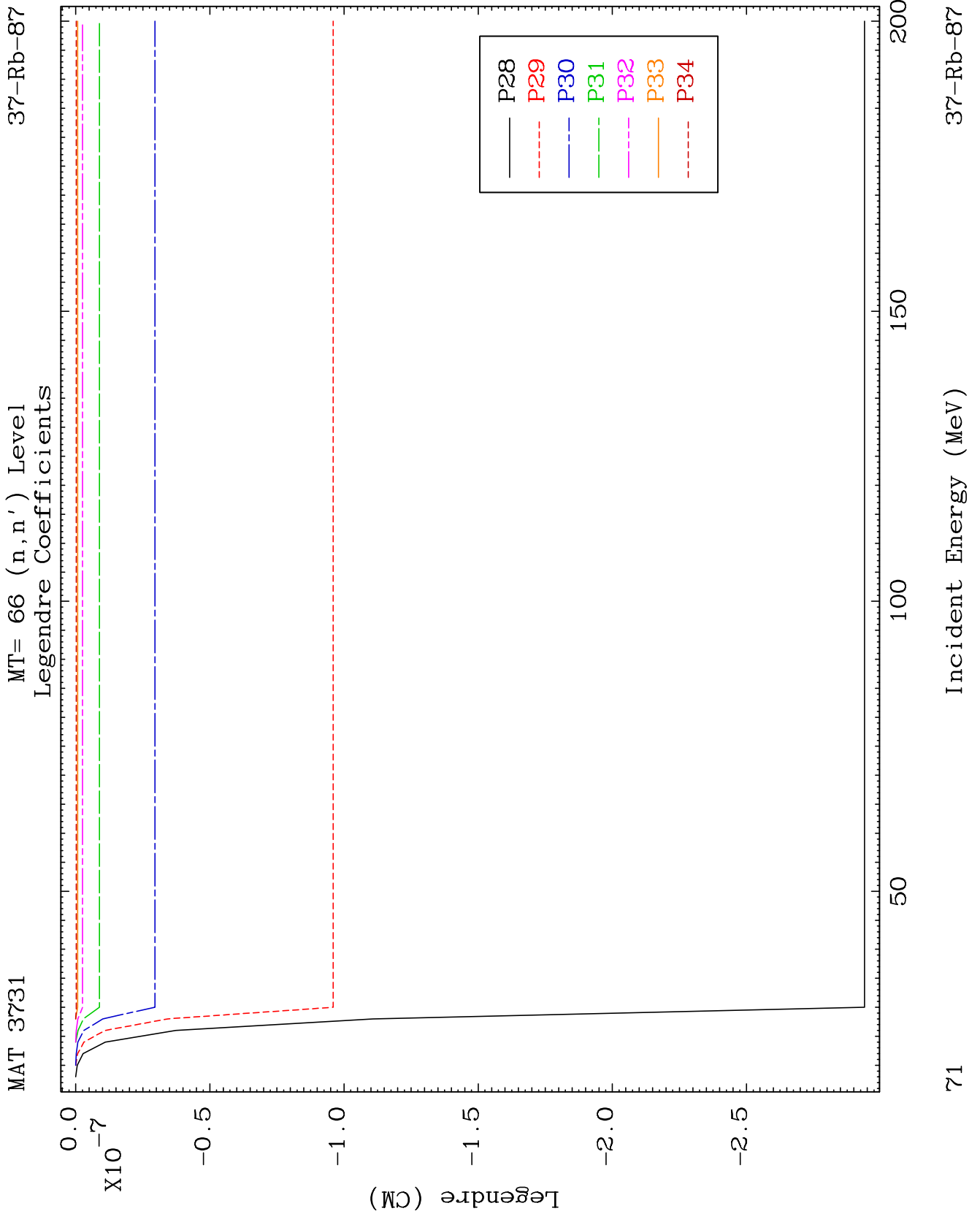


69

Incident Energy (MeV)

37-Rb-87

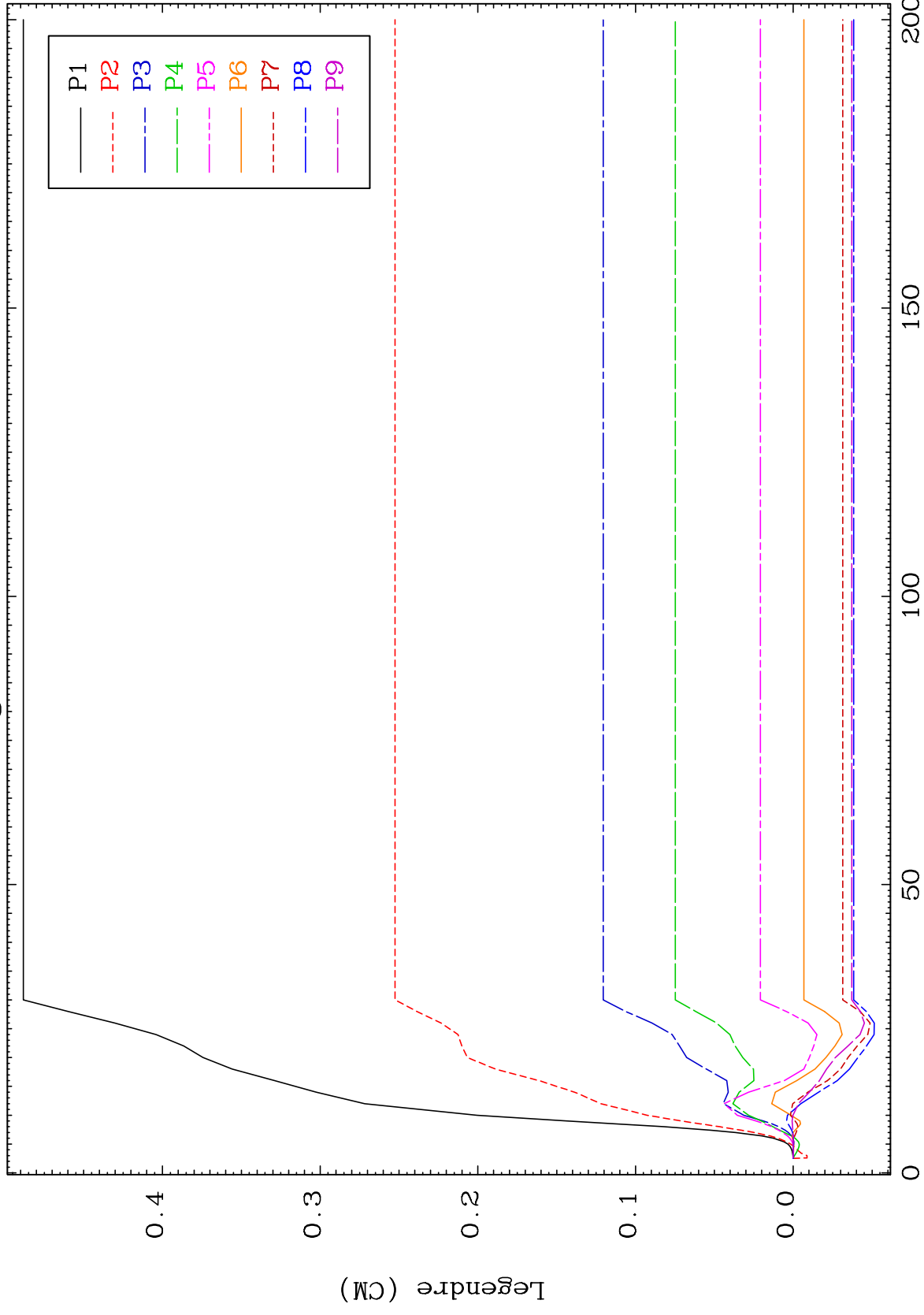




MAT 3731

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

37-Rb-87



72

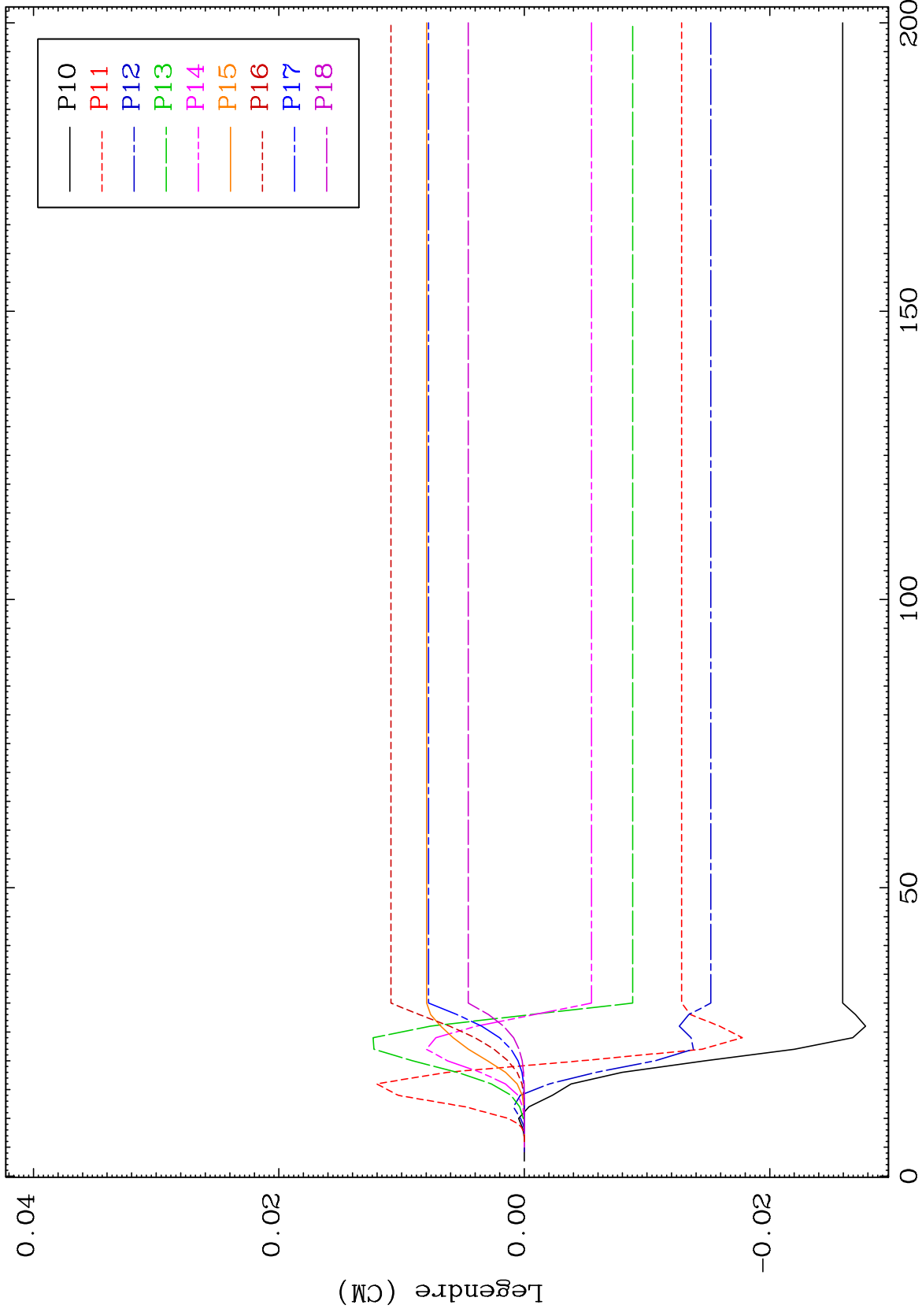
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



73

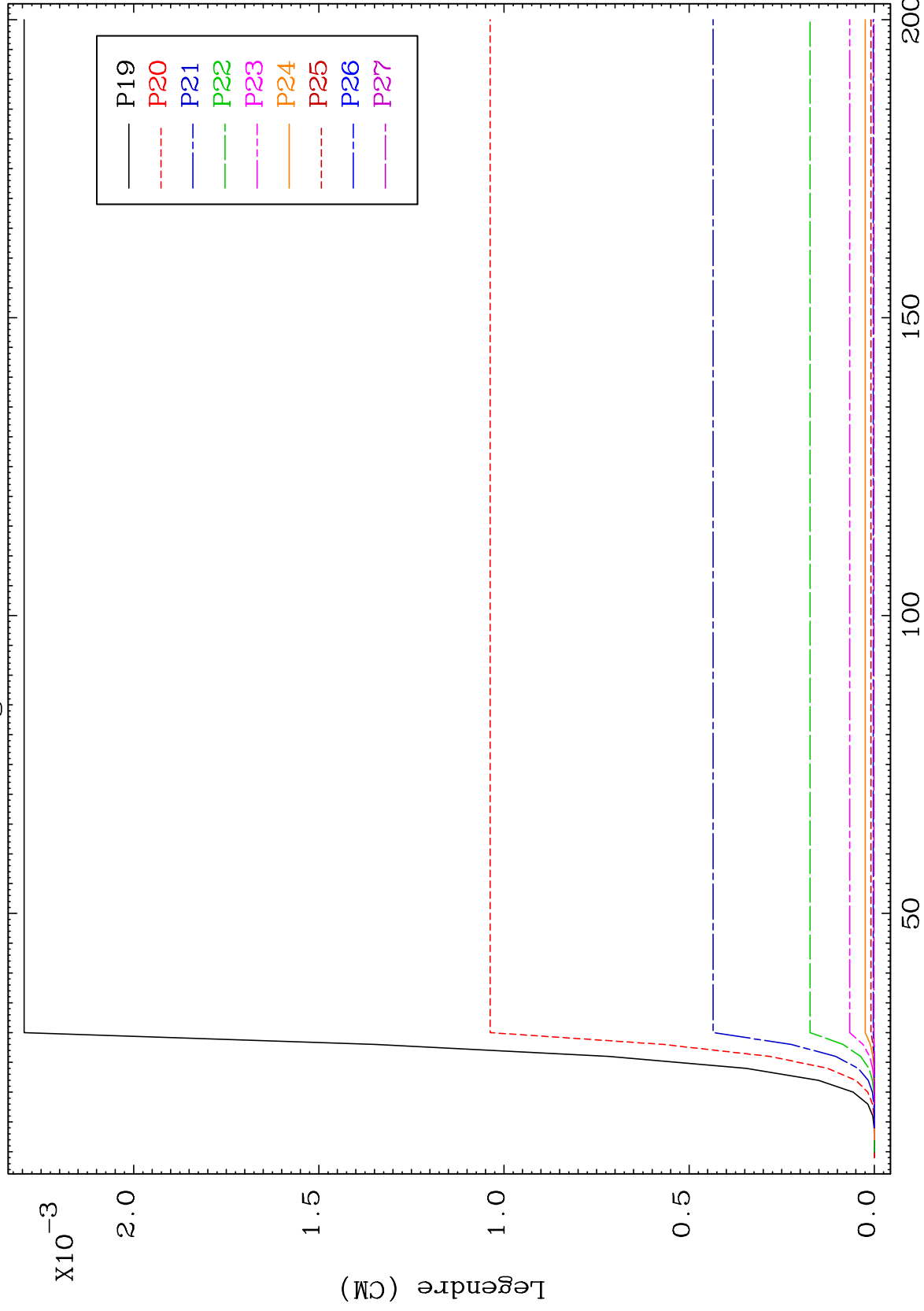
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



74

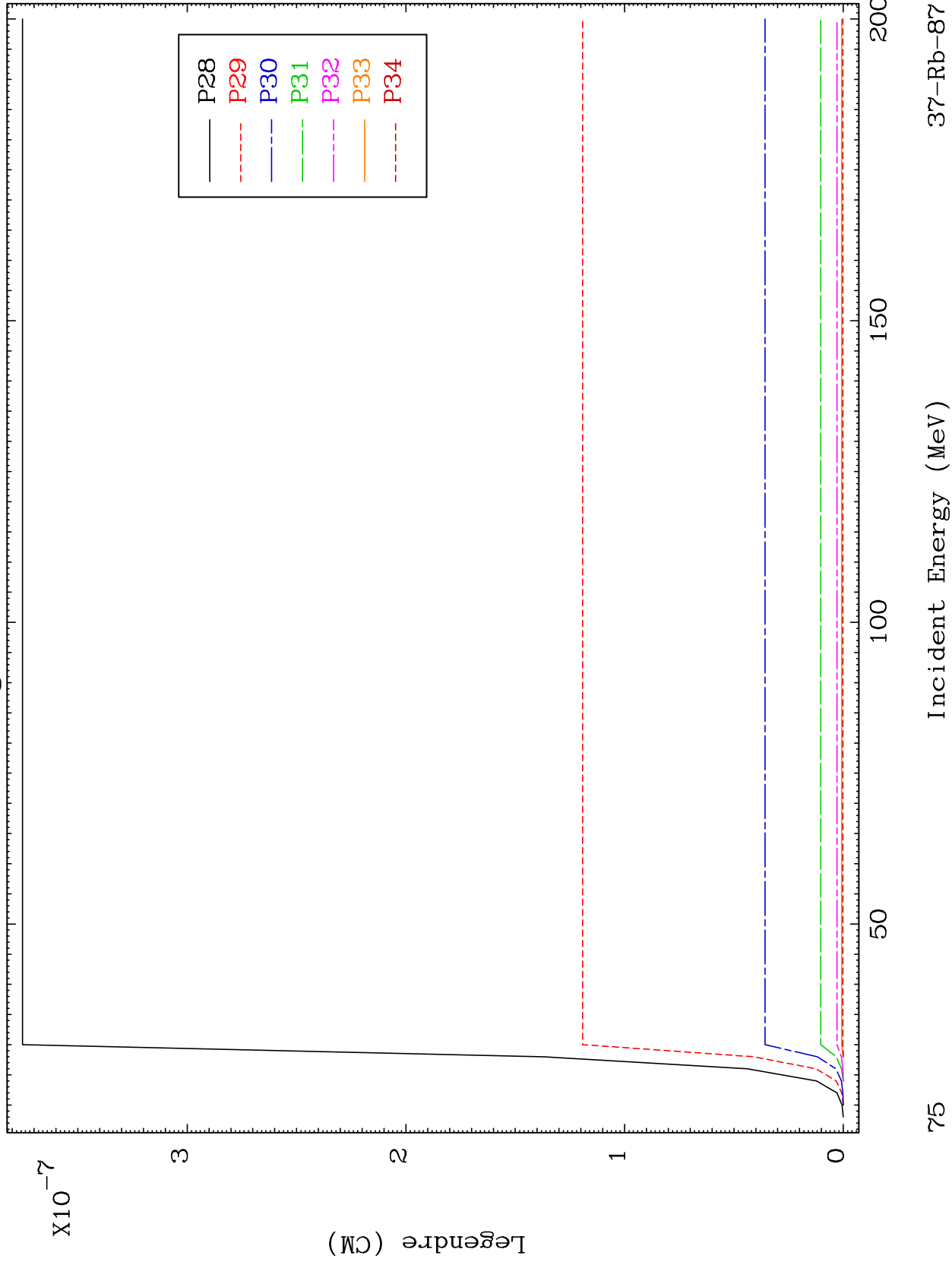
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



75

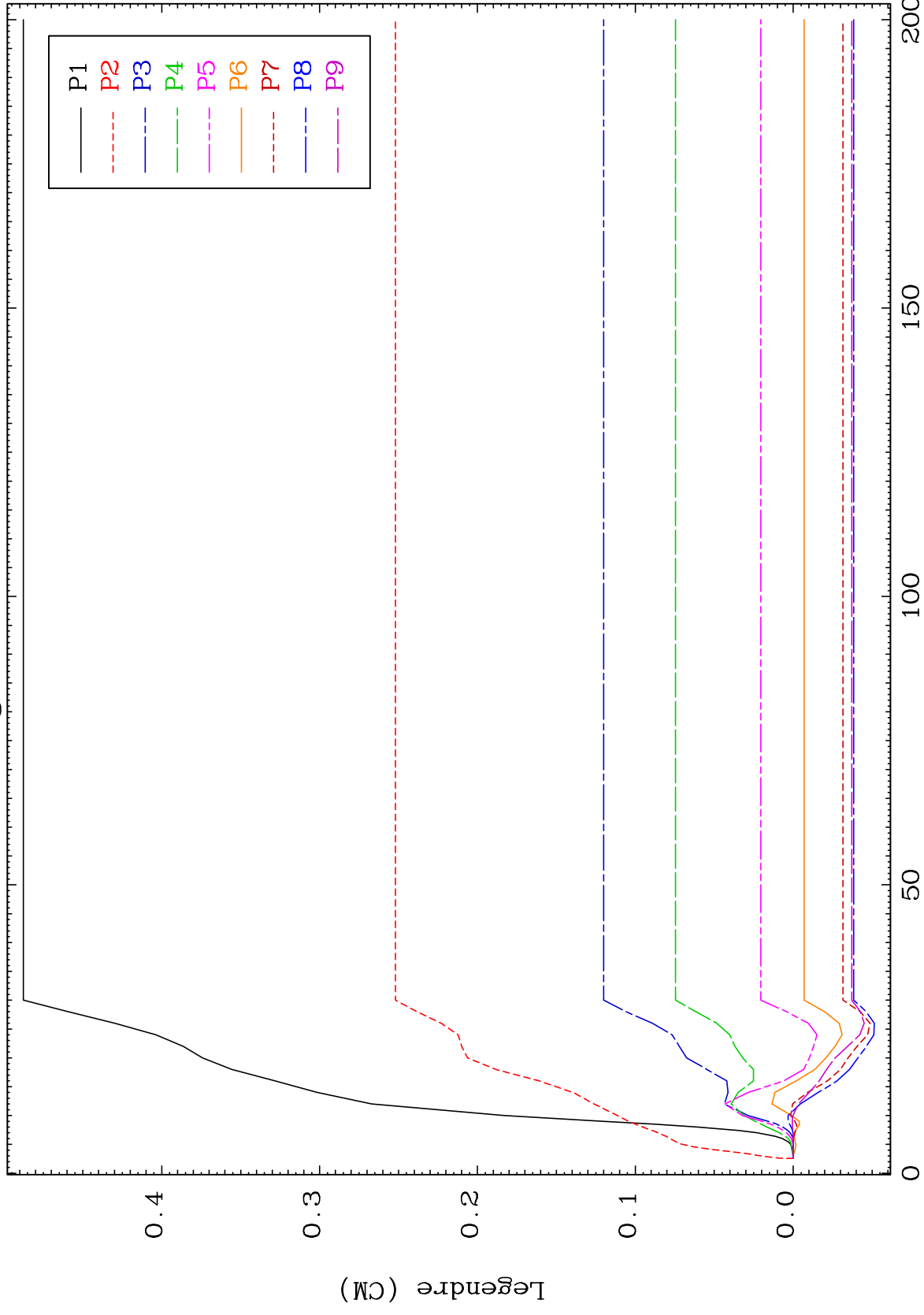
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



76

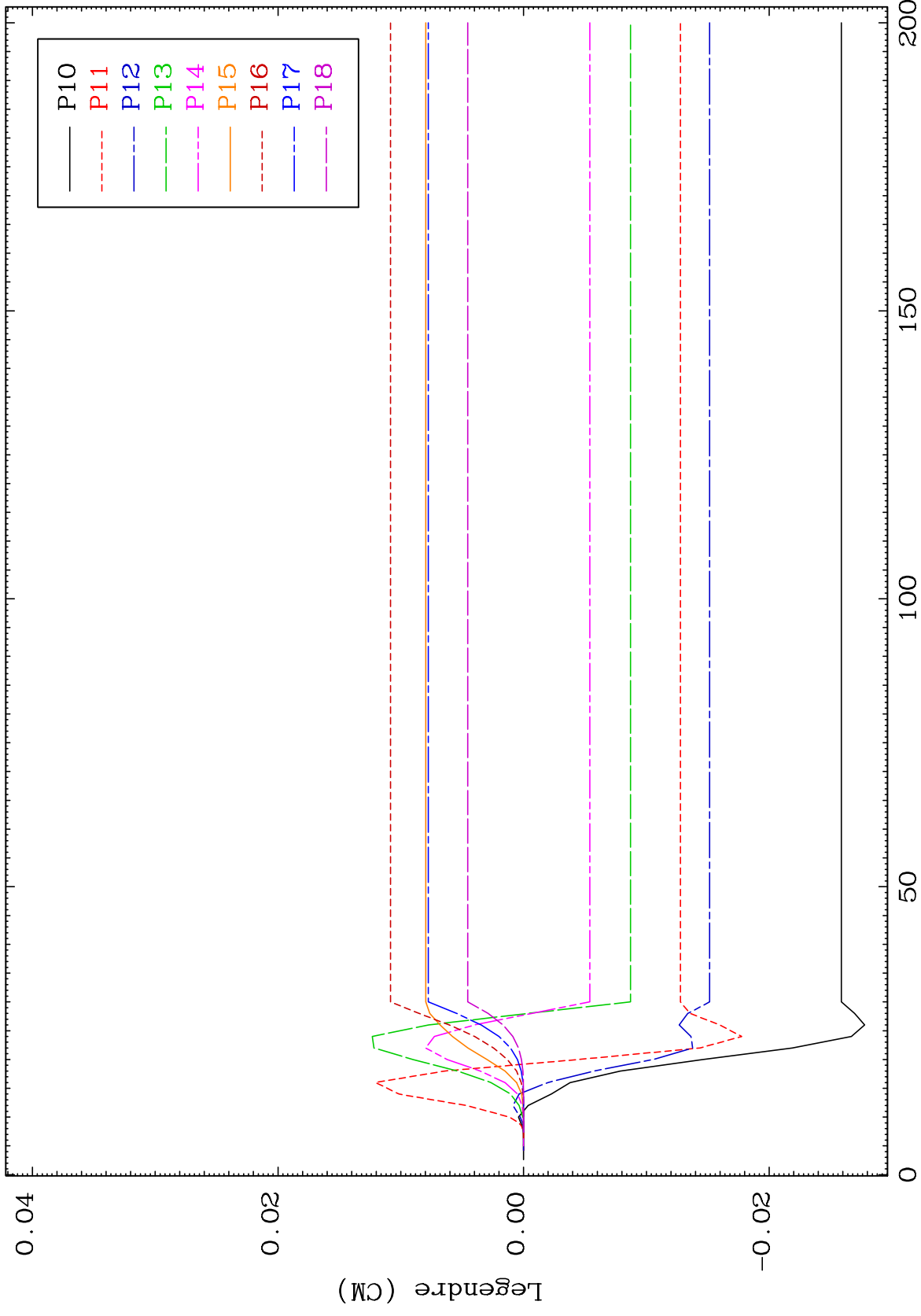
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



77

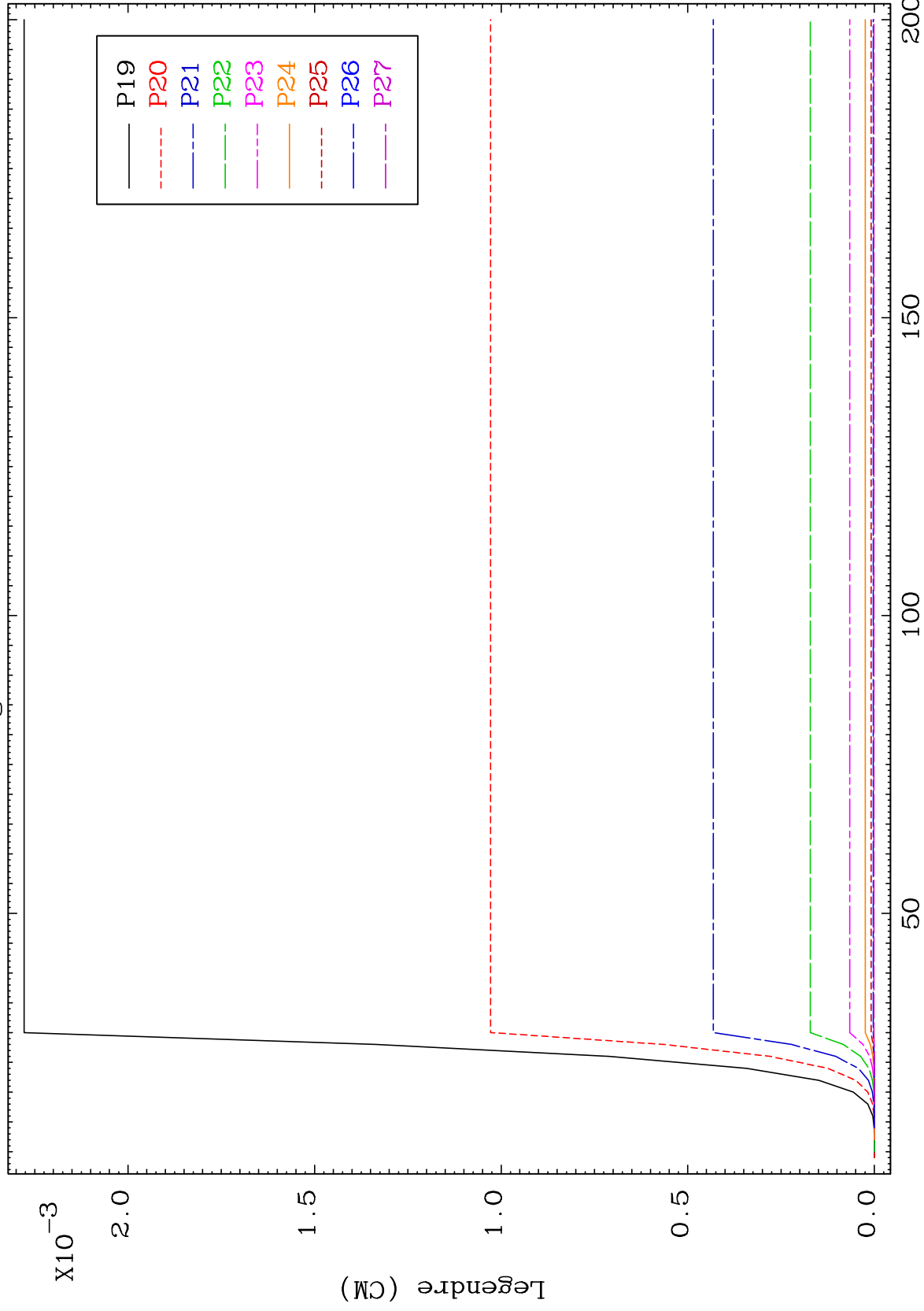
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



78

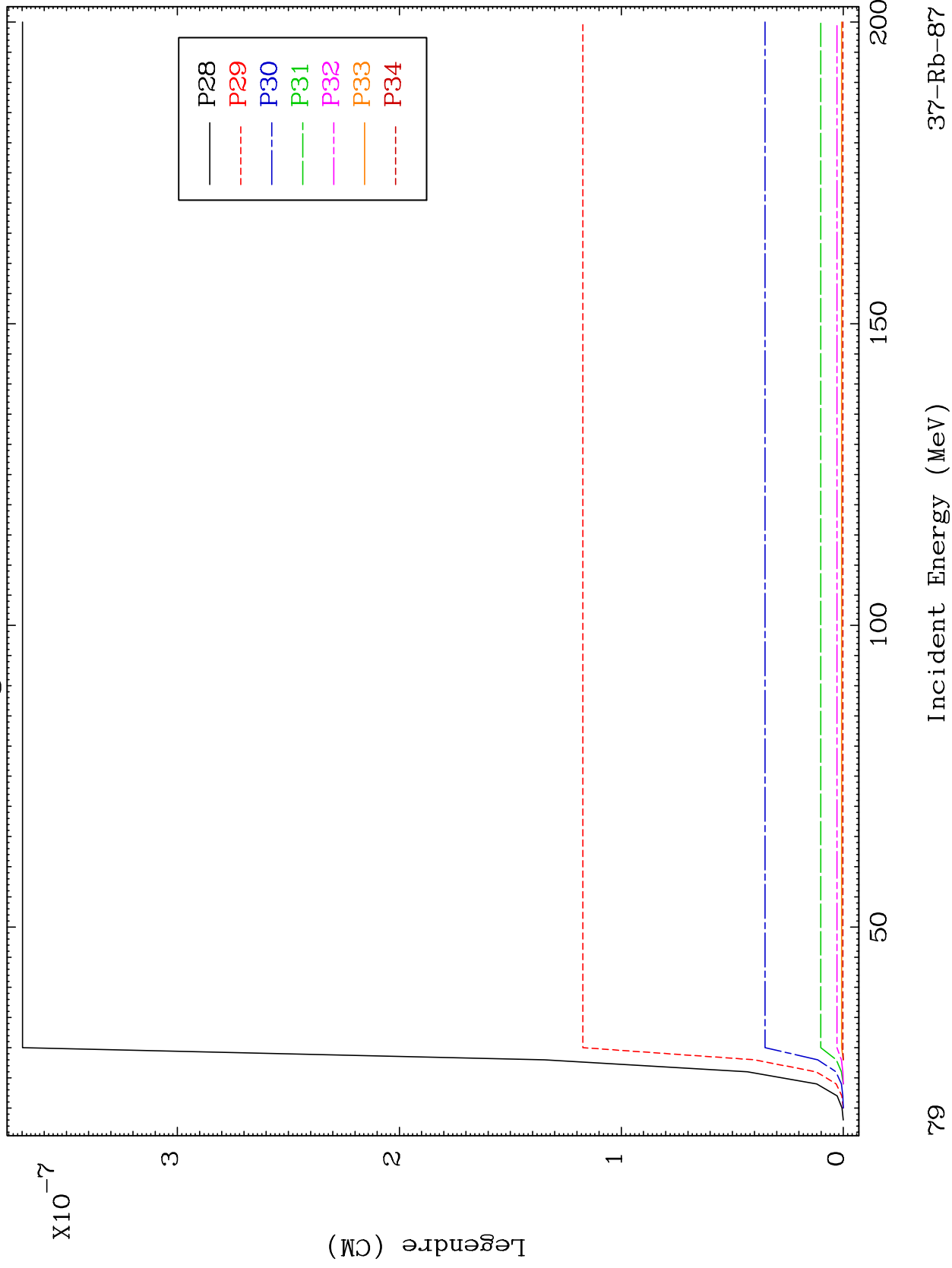
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



79

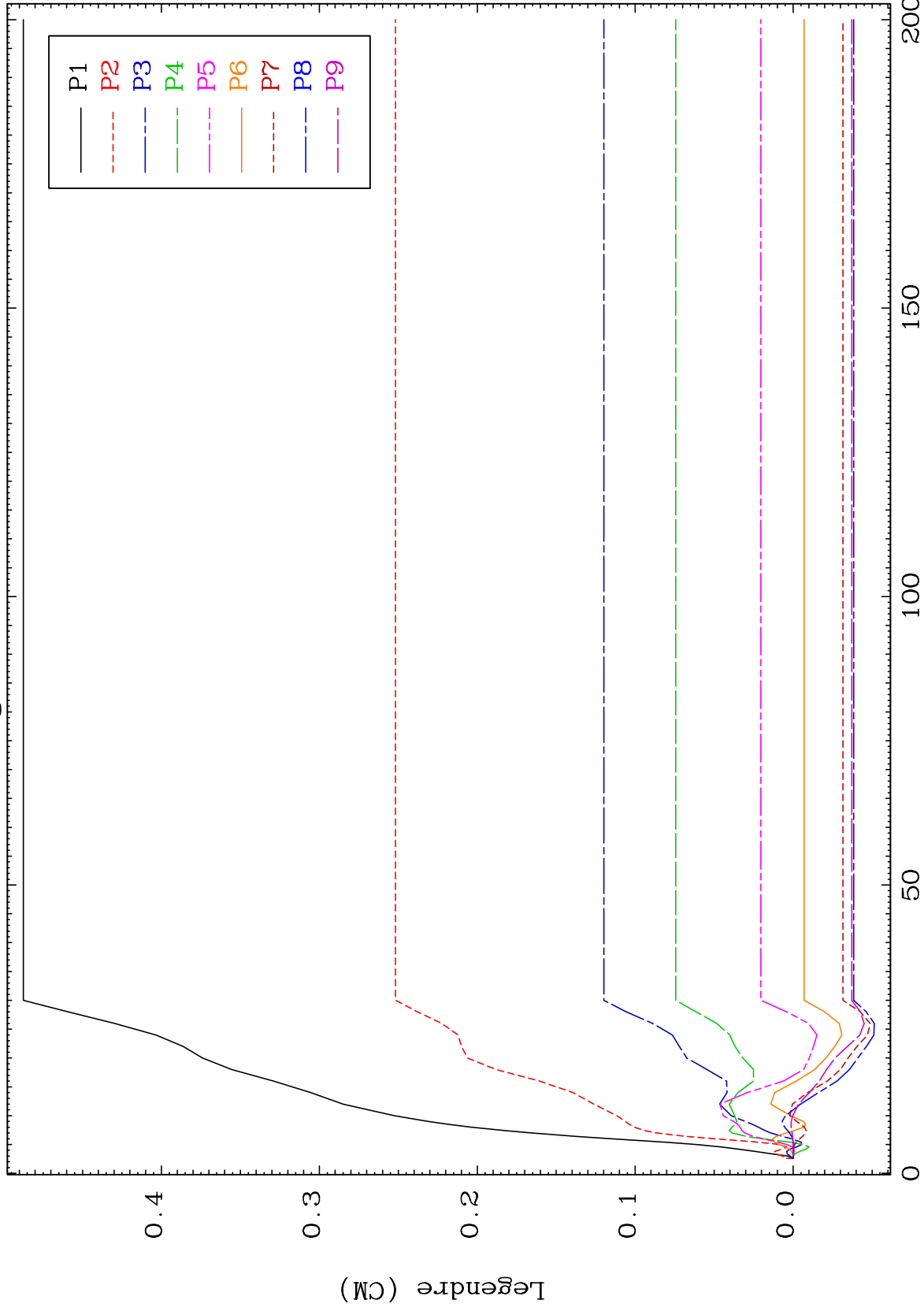
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



37-Rb-87

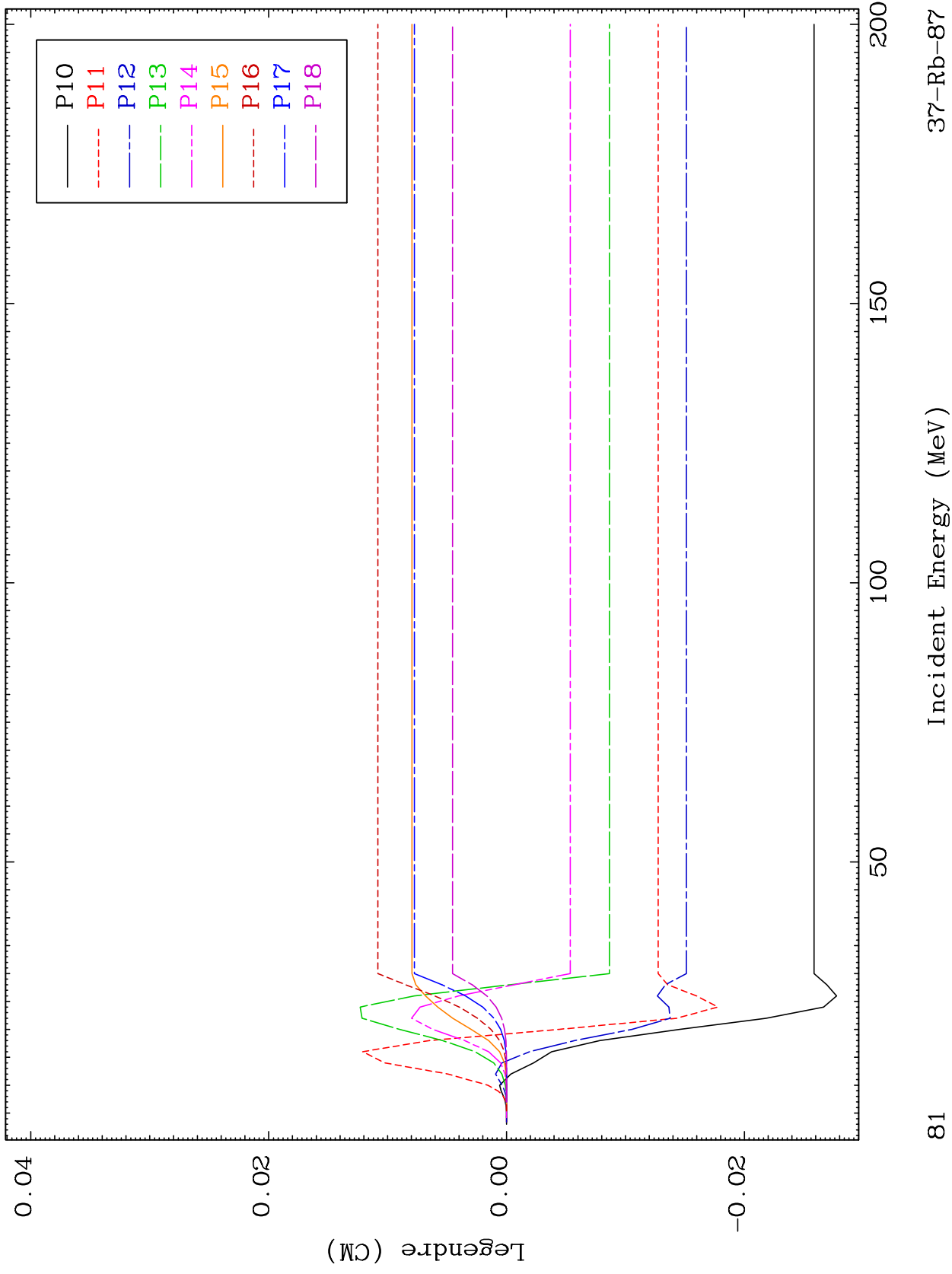
Incident Energy (MeV)

80

MAT 3731

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

37-Rb-87



81

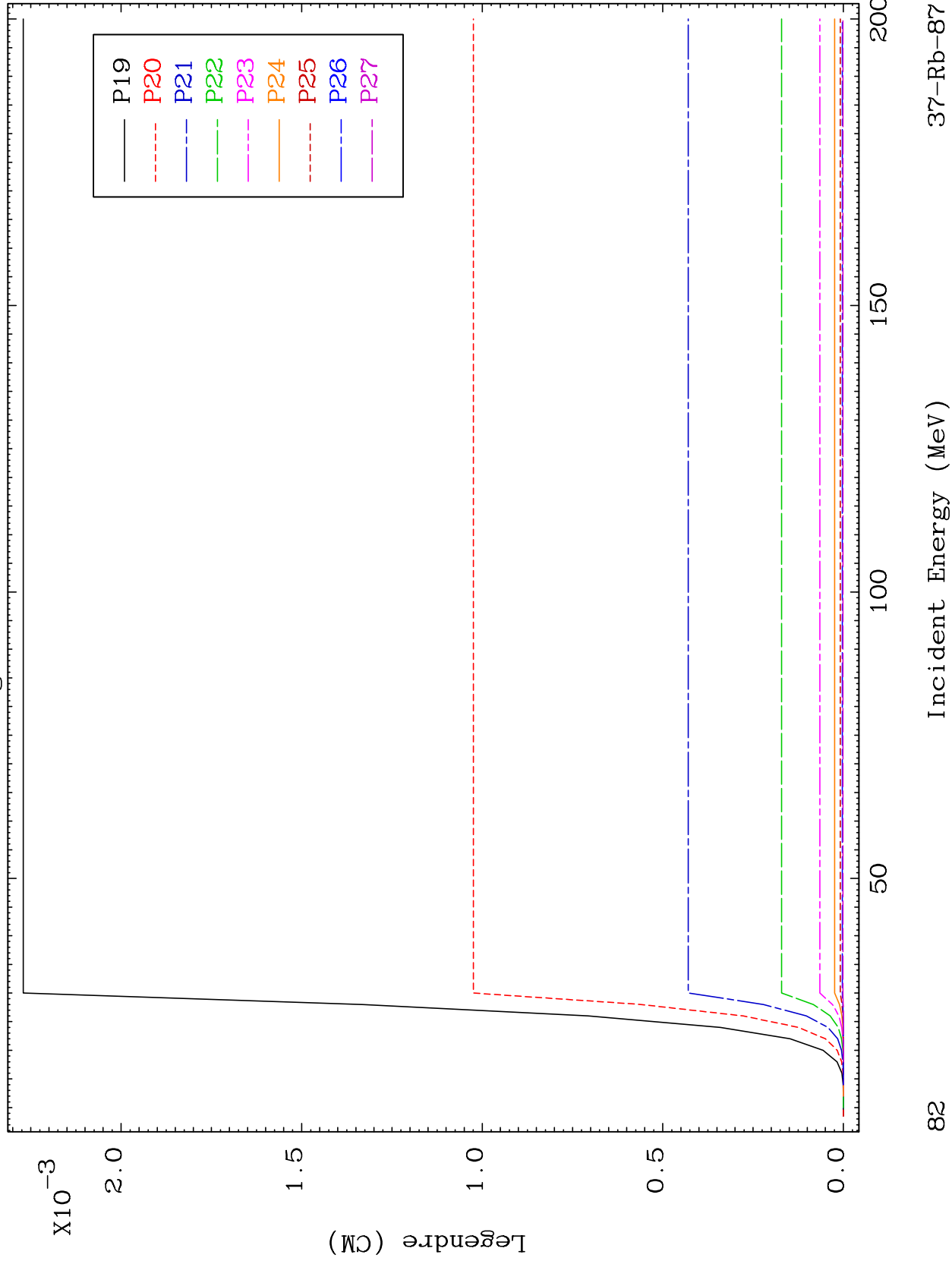
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

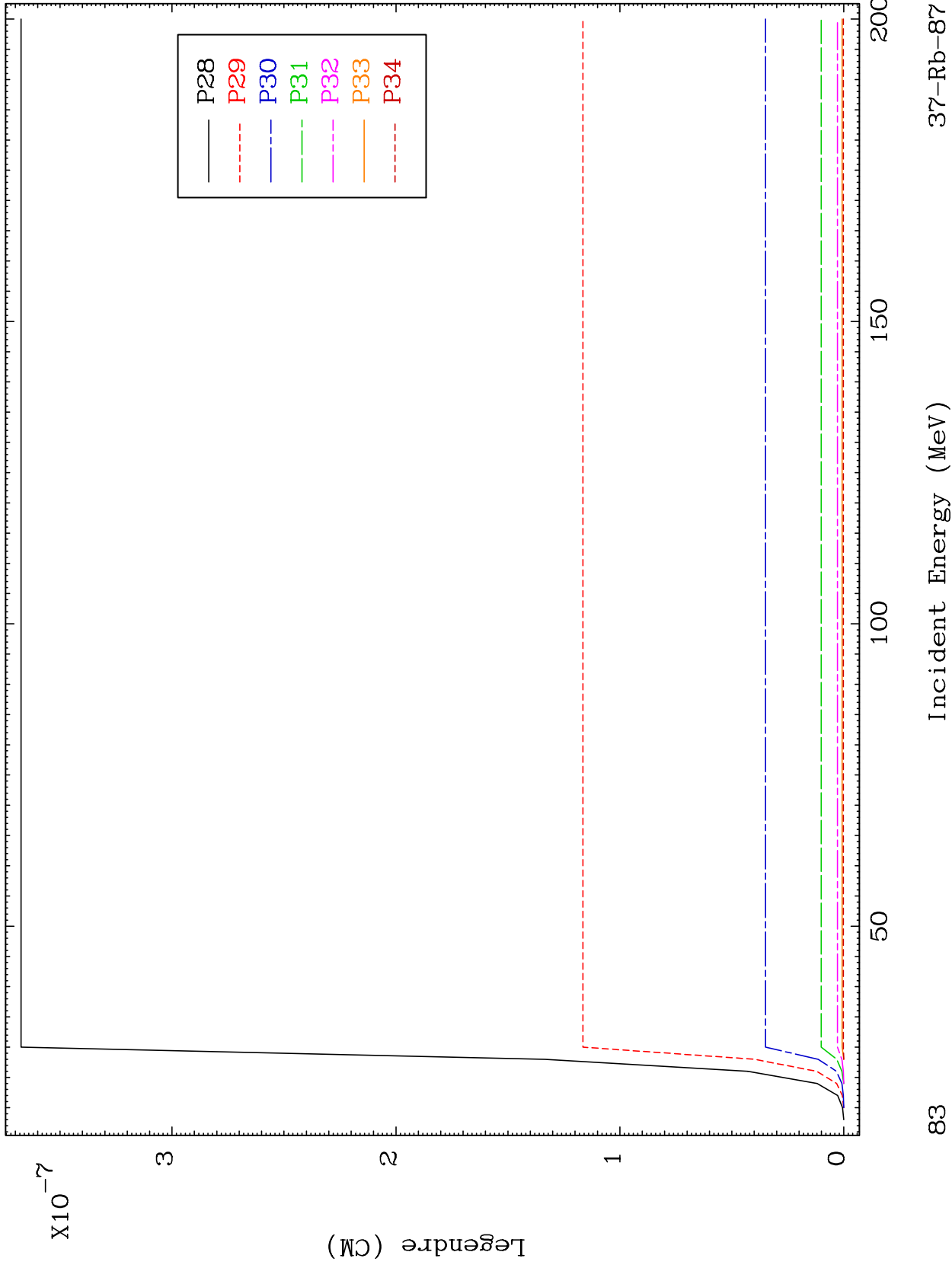
37-Rb-87



MAT 3731

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

37-Rb-87



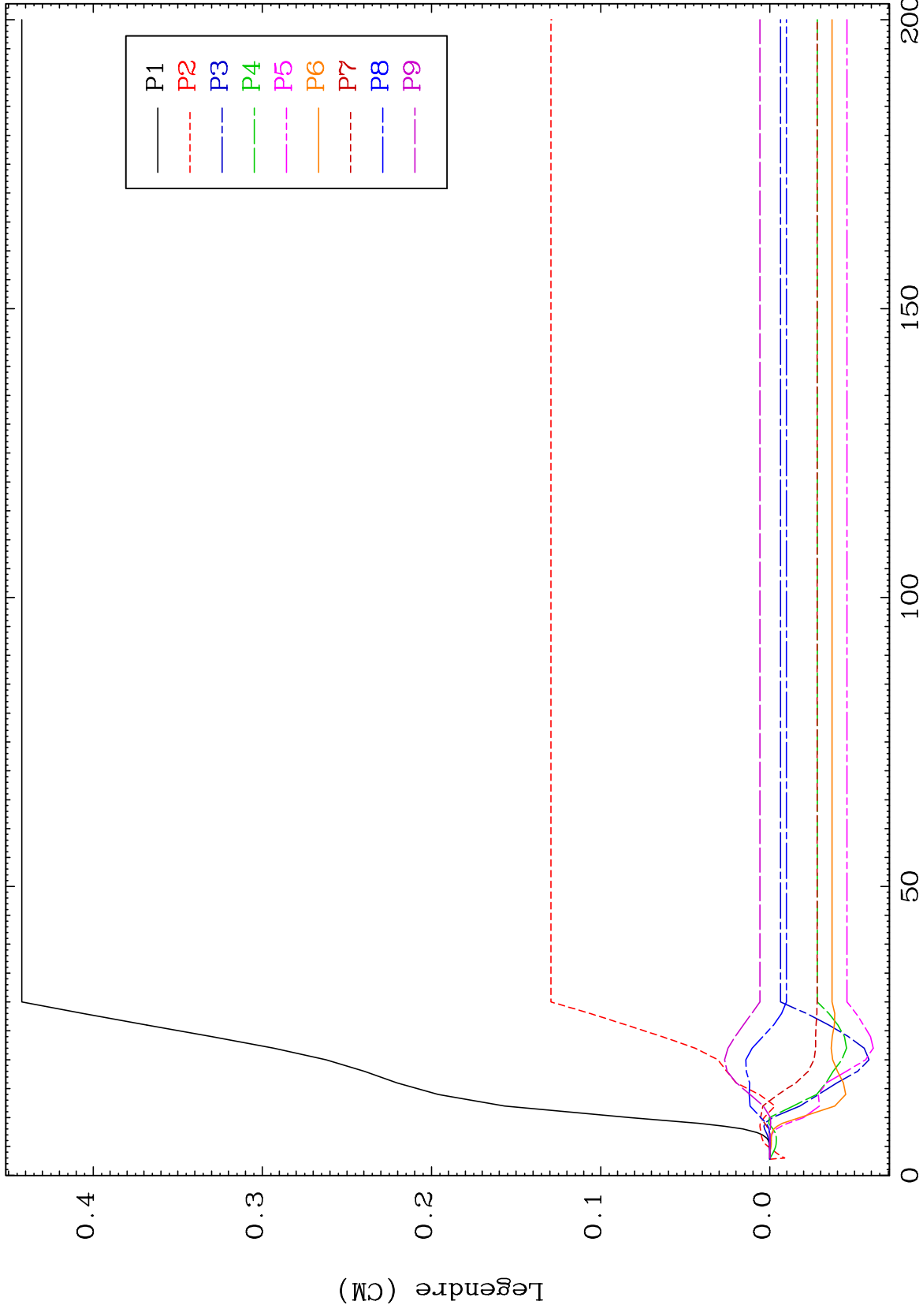
83

37-Rb-87

MAT 3731

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

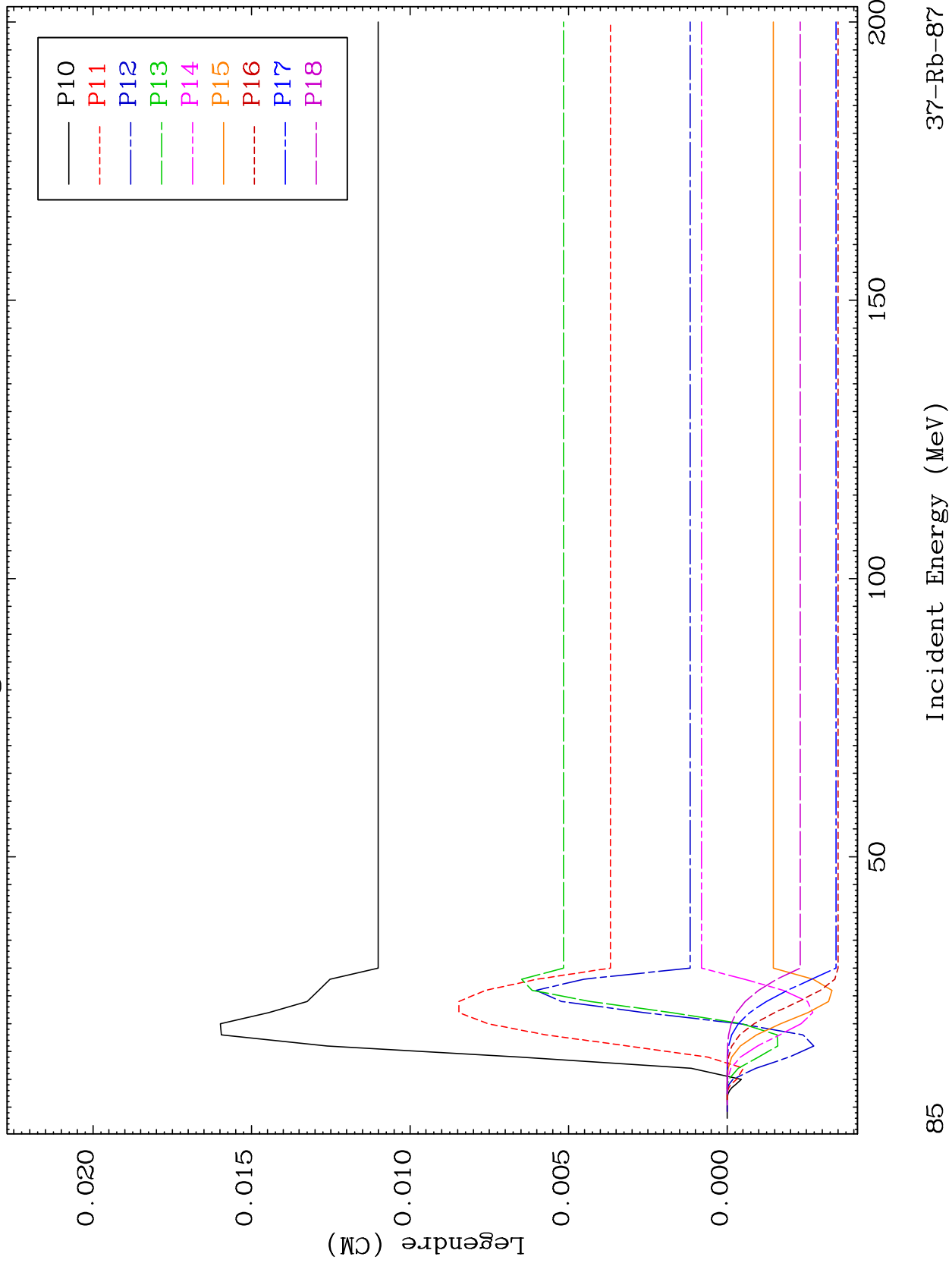
37-Rb-87

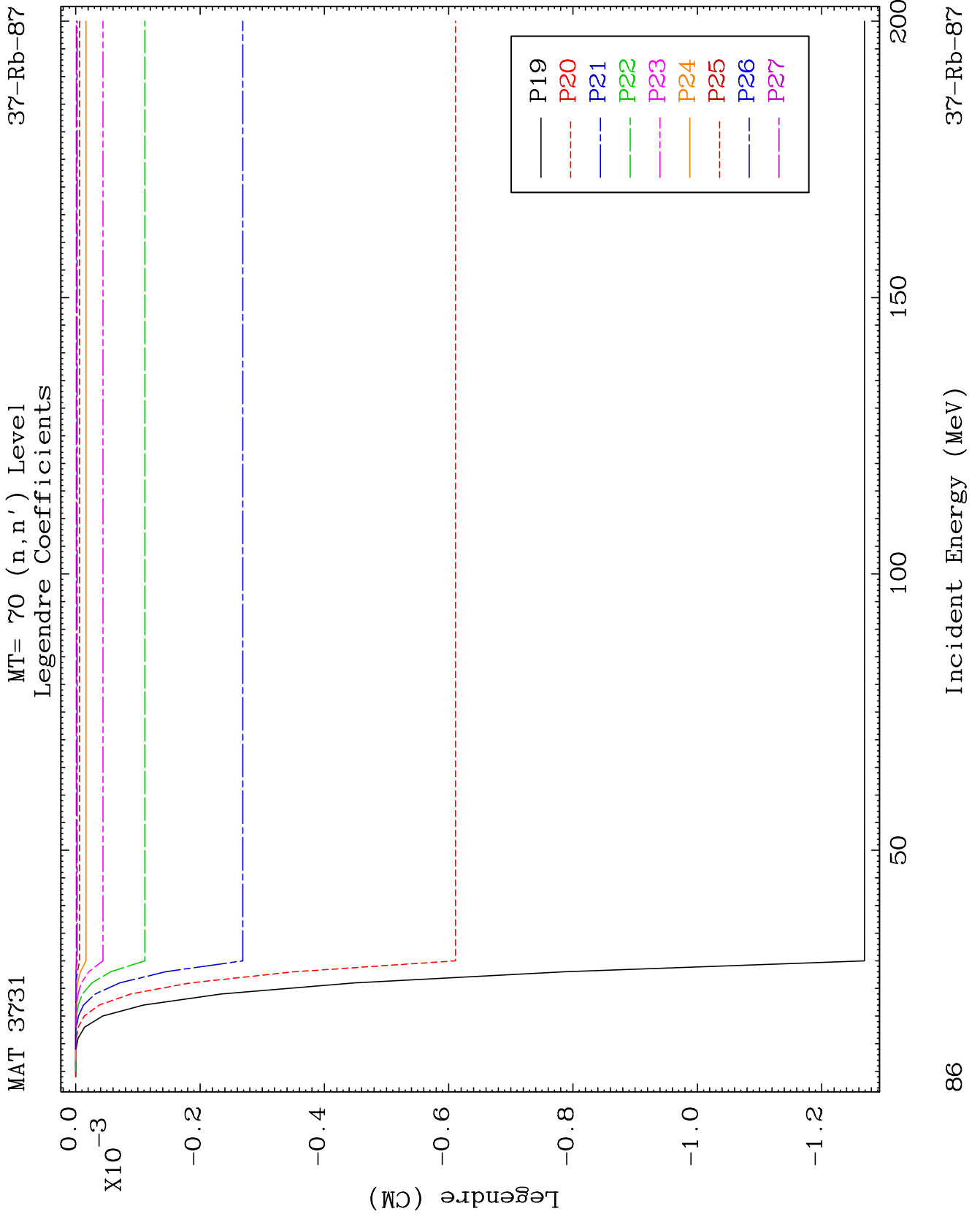


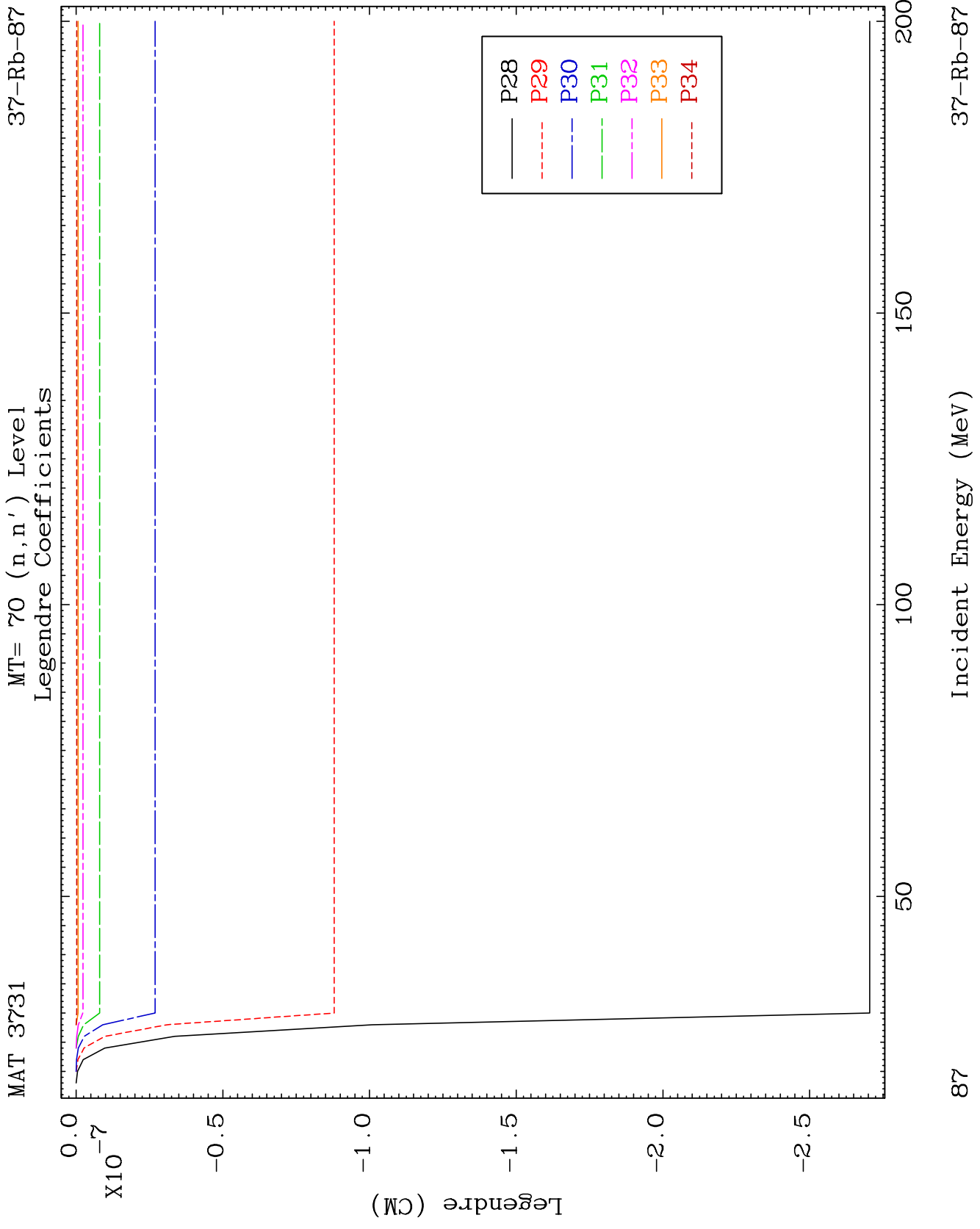
84

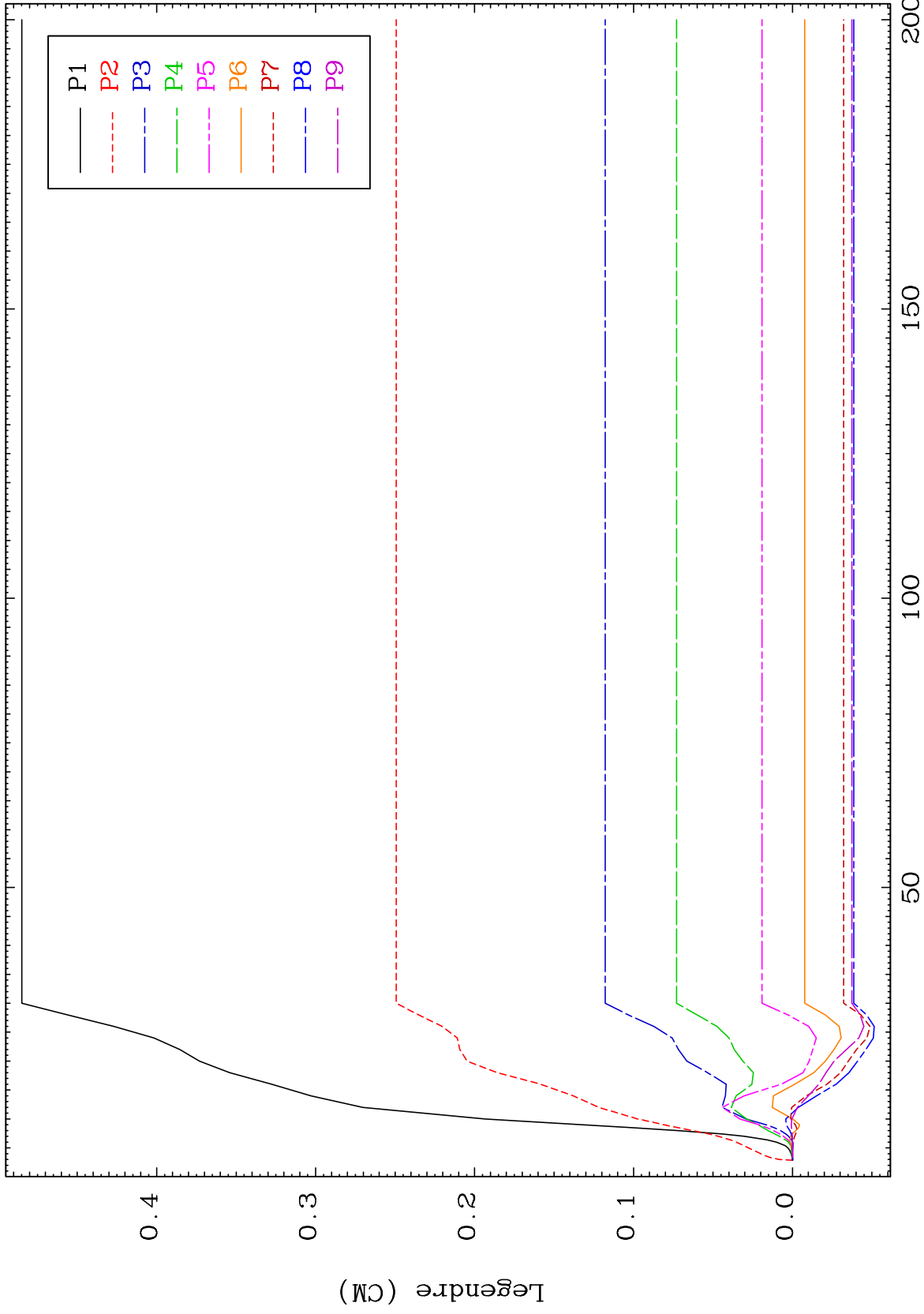
Incident Energy (MeV)

37-Rb-87





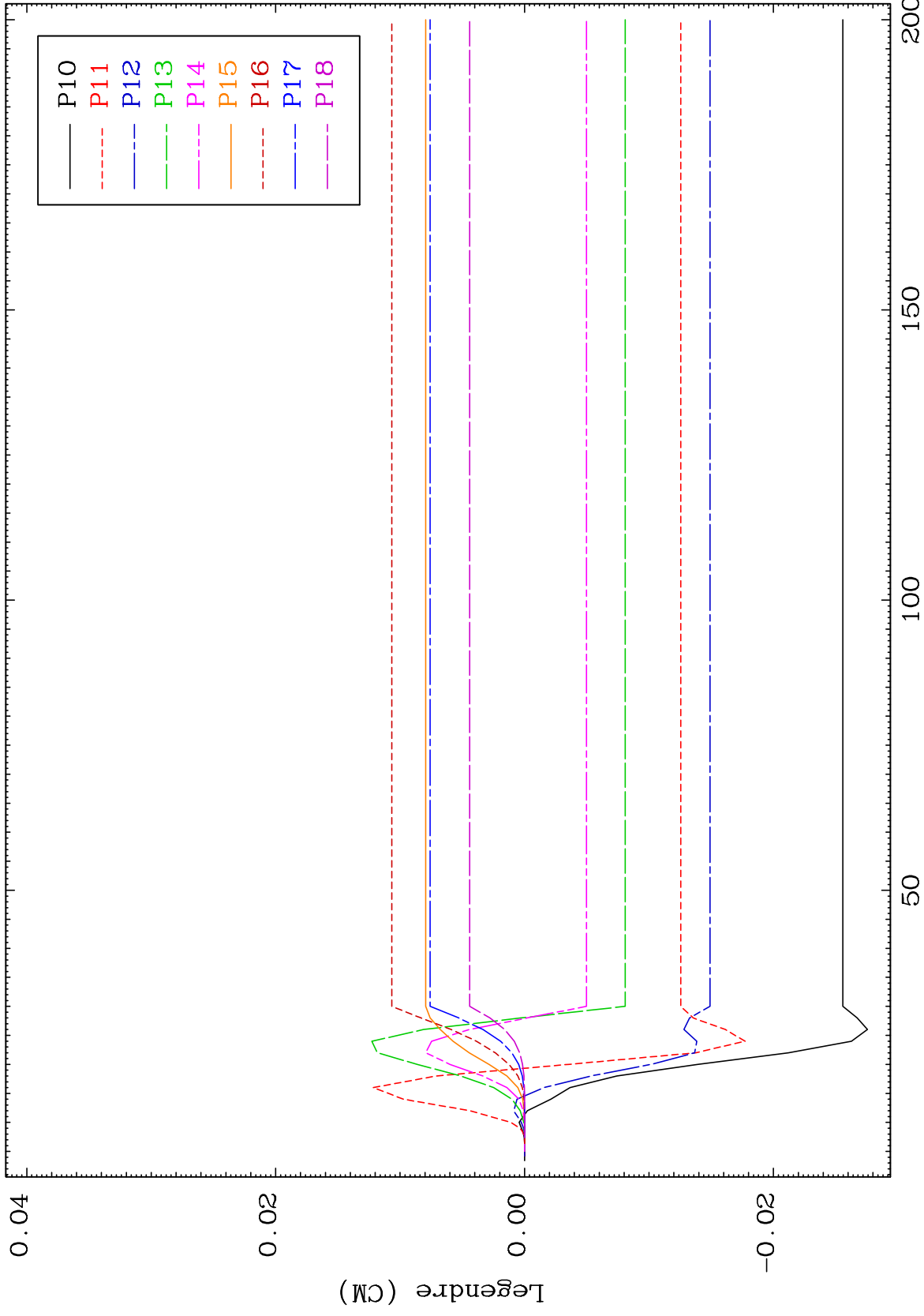




MAT 3731

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

37-Rb-87



89

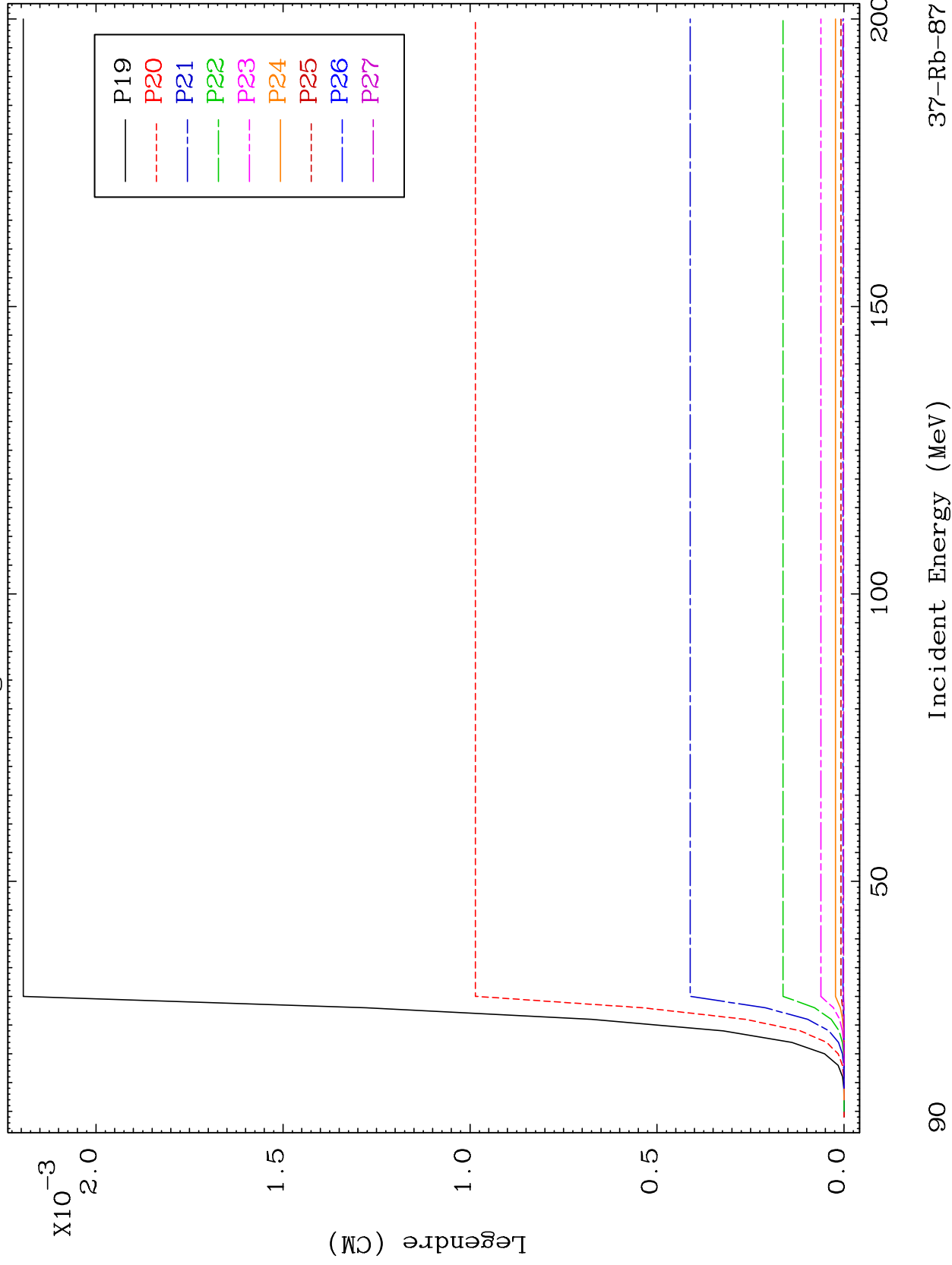
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

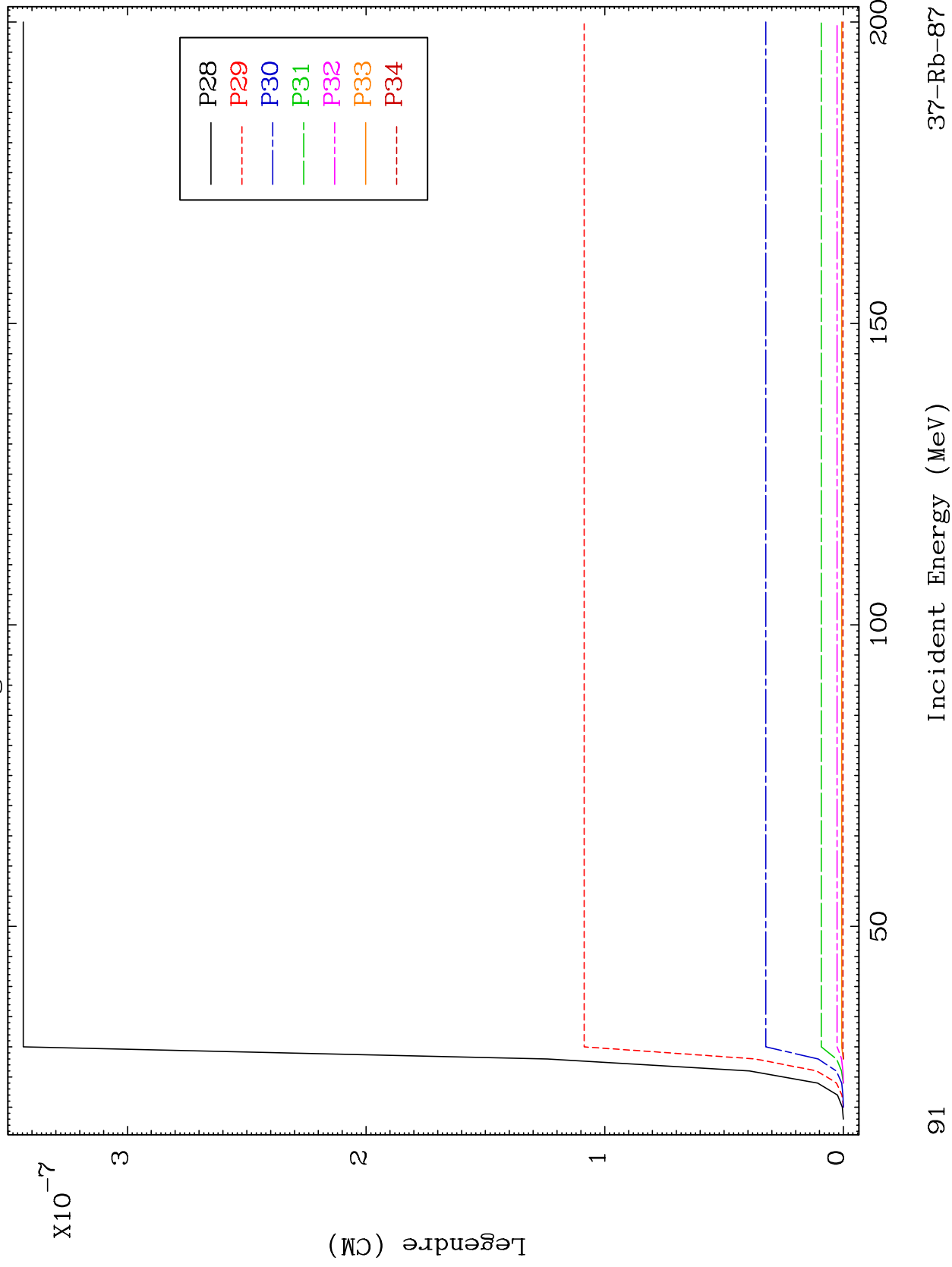
37-Rb-87



MAT 3731

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

37-Rb-87

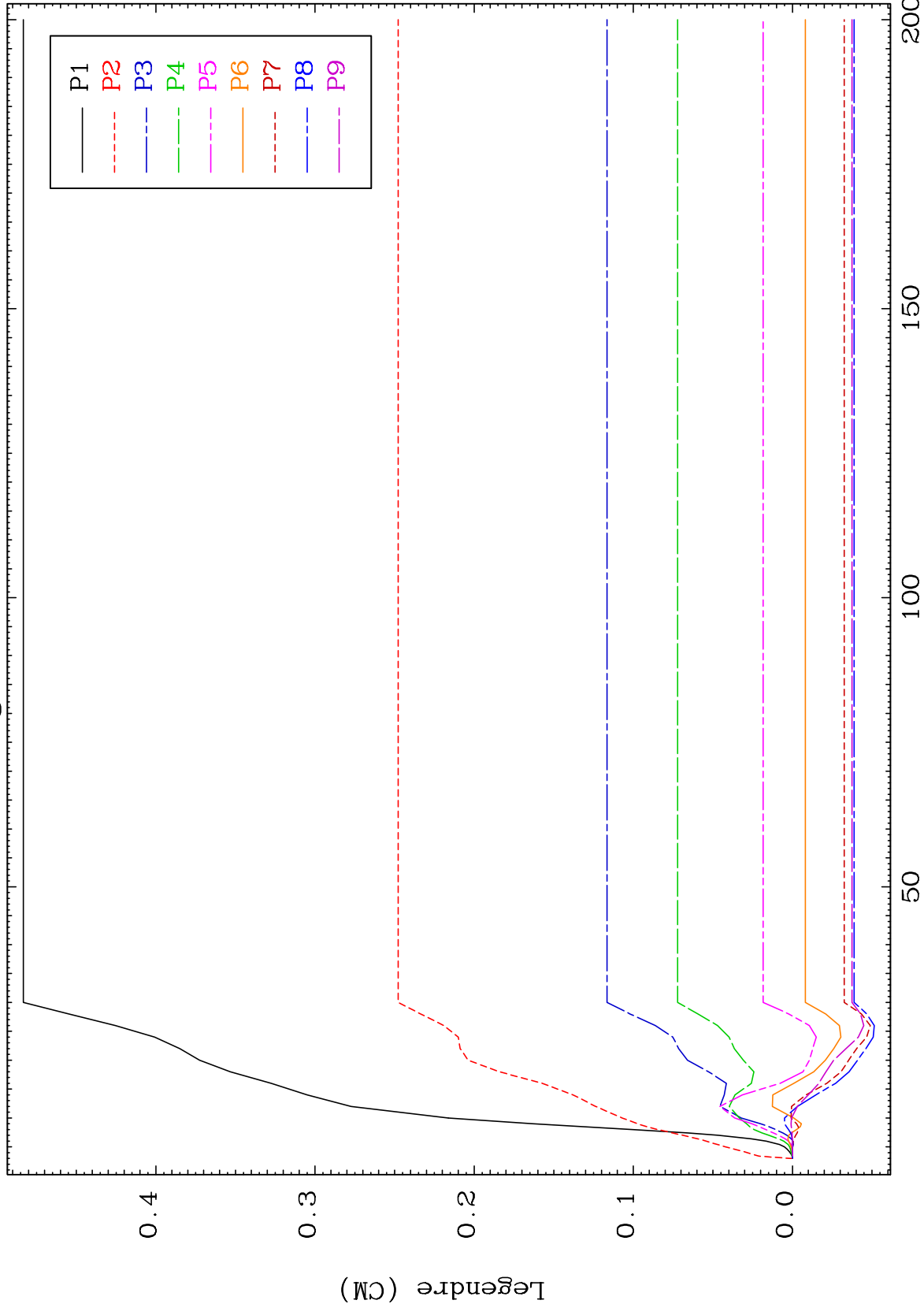


91

MAT 3731

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

37-Rb-87



92

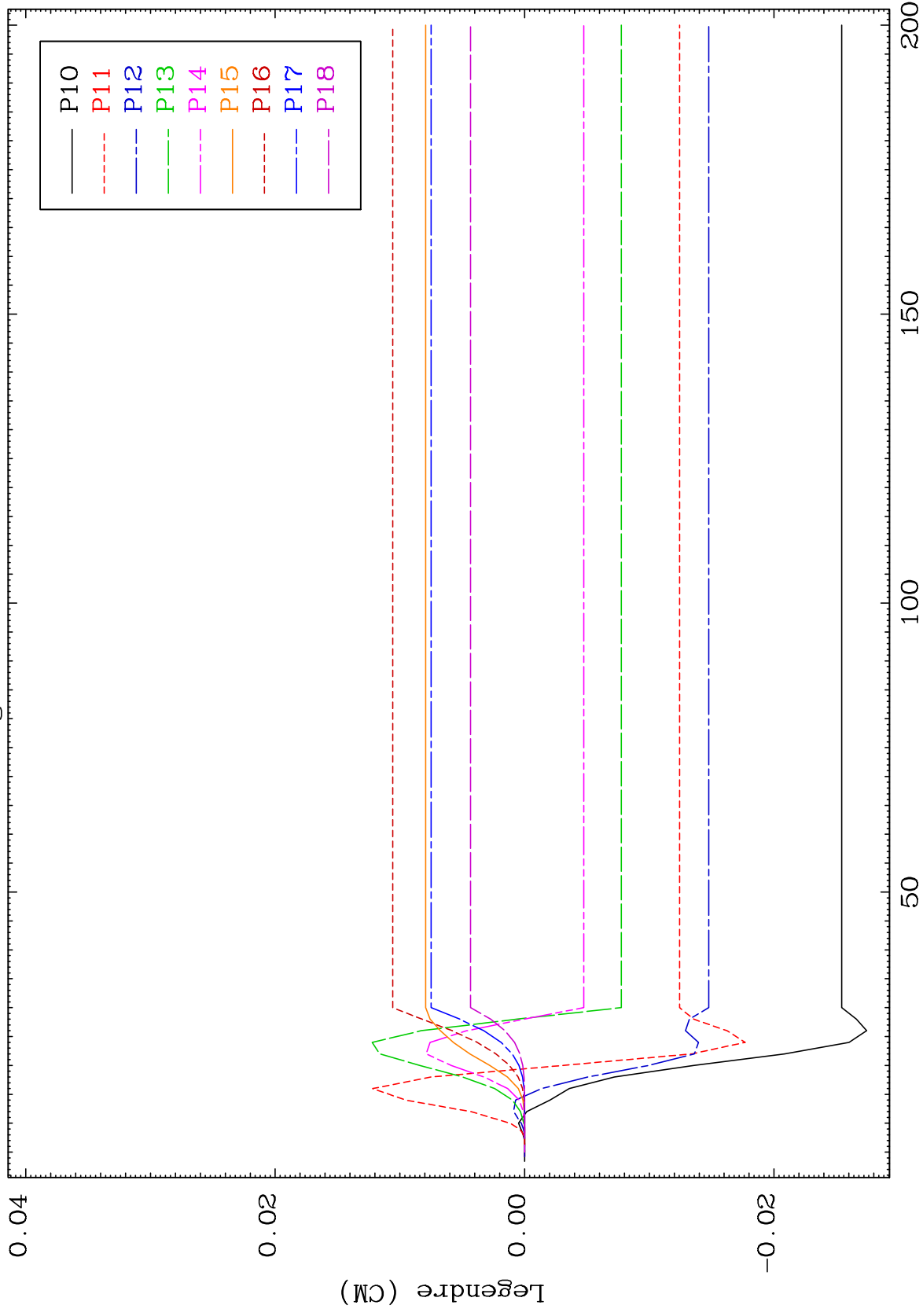
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



93

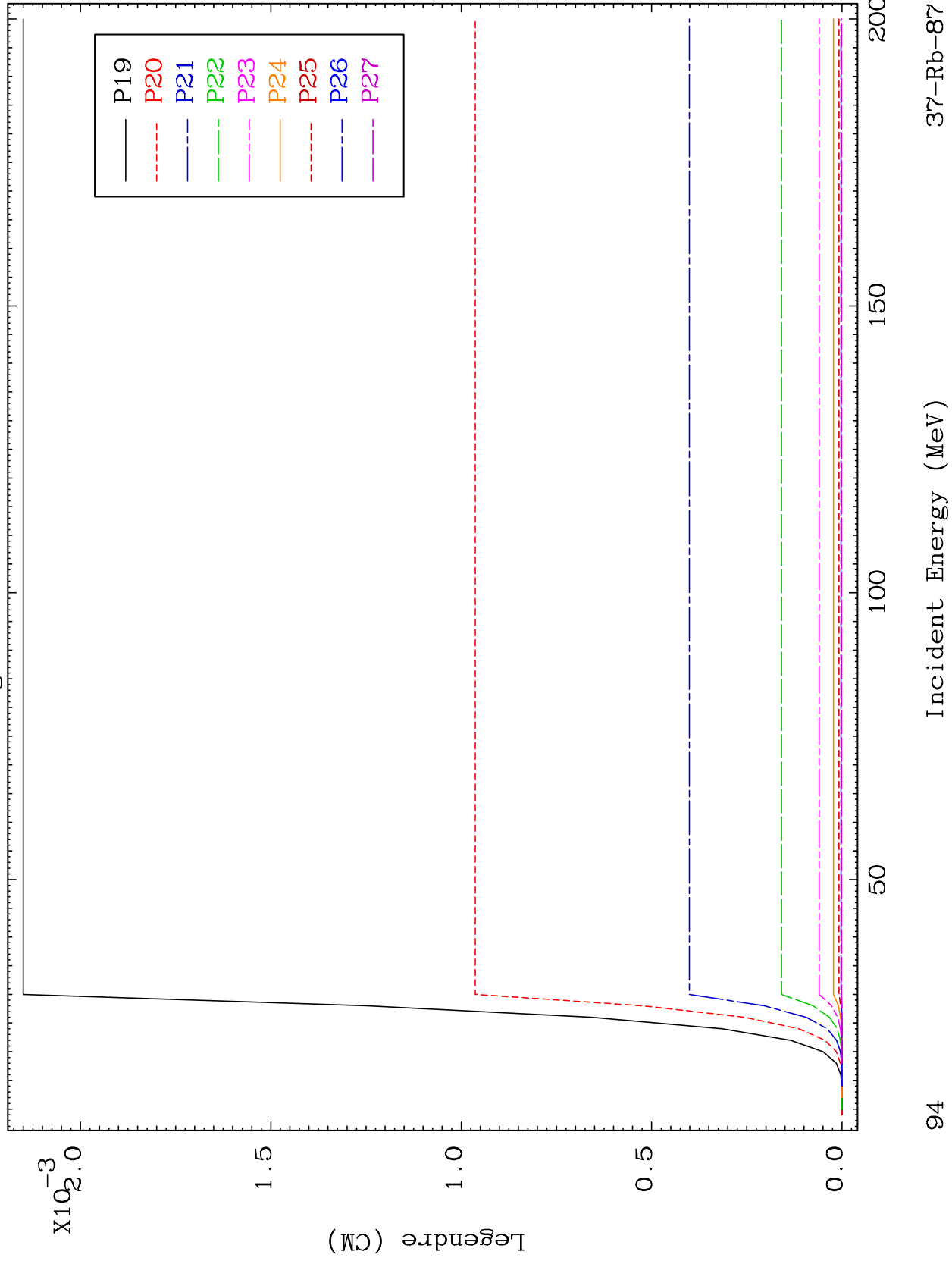
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



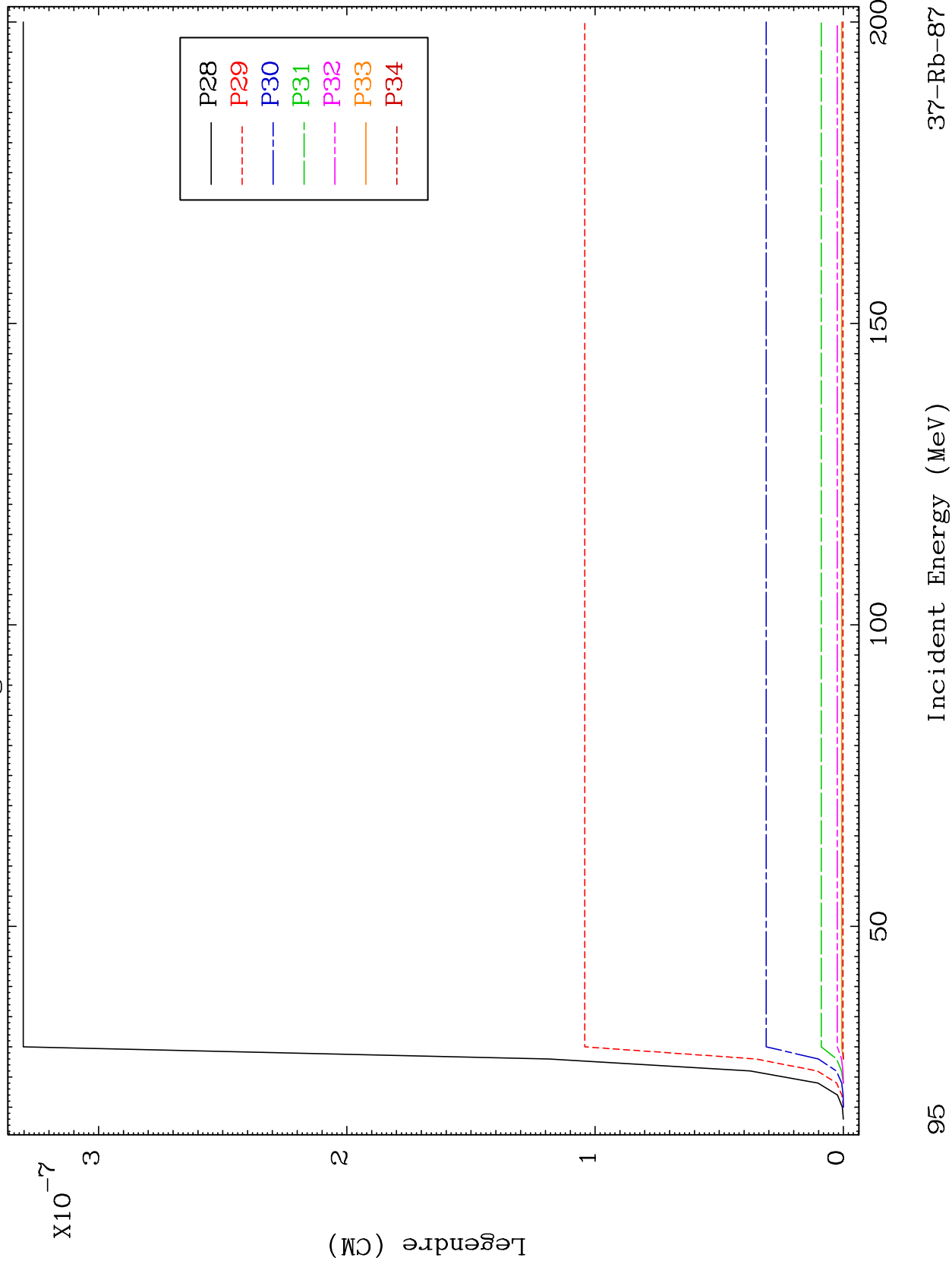
94

37-Rb-87

MAT 3731

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

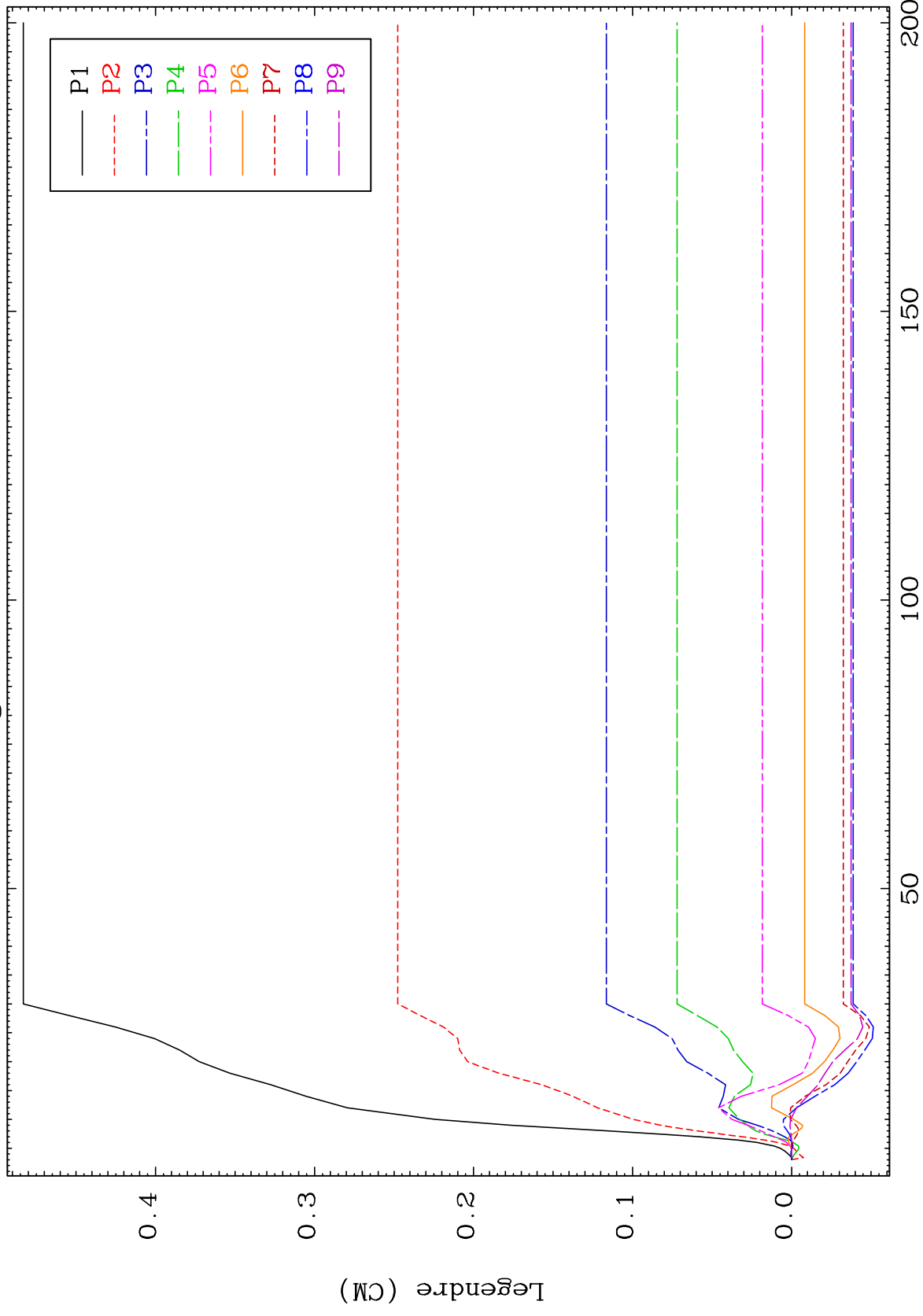
37-Rb-87



MAT 3731

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

37-Rb-87



96

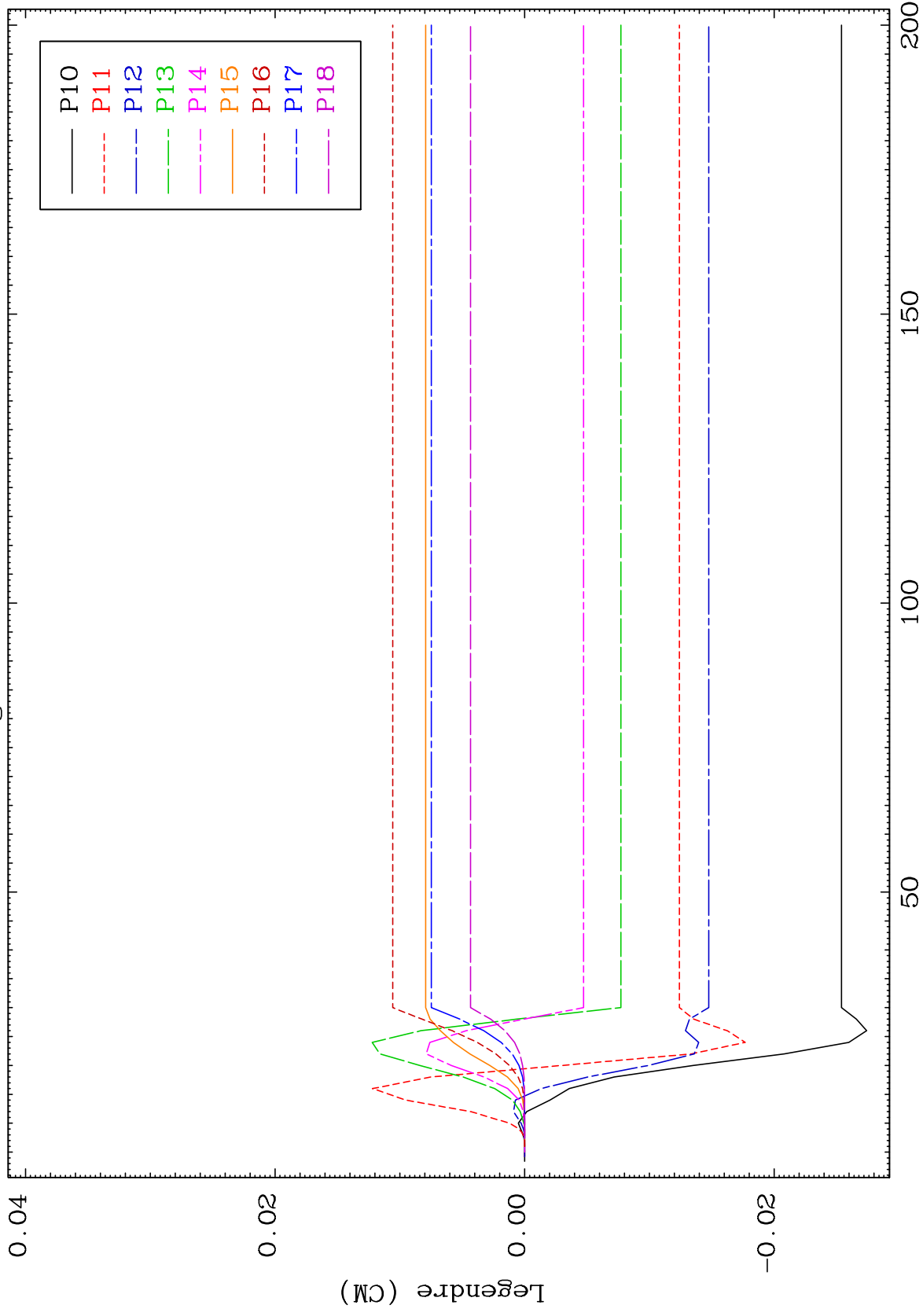
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



97

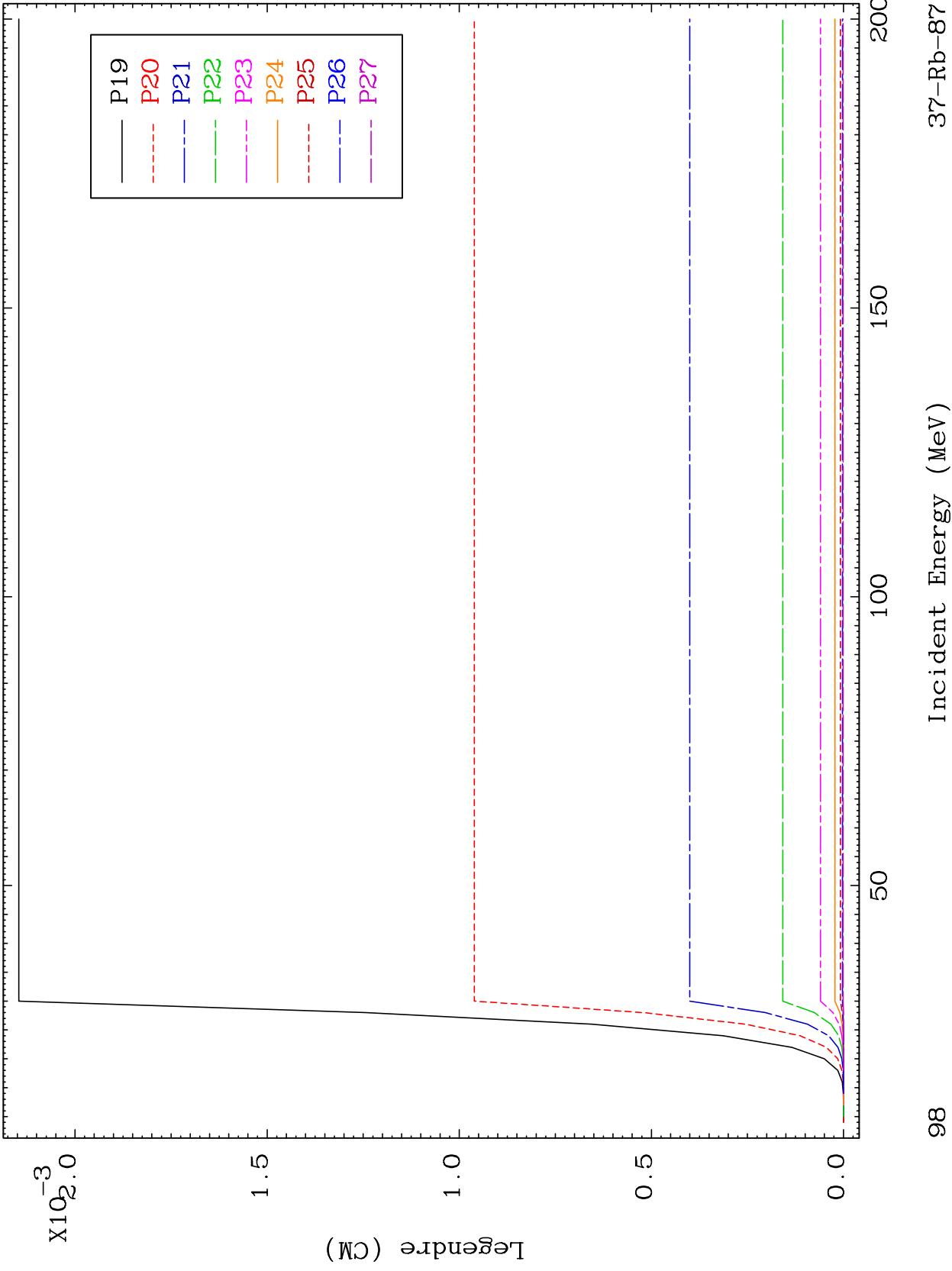
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



98

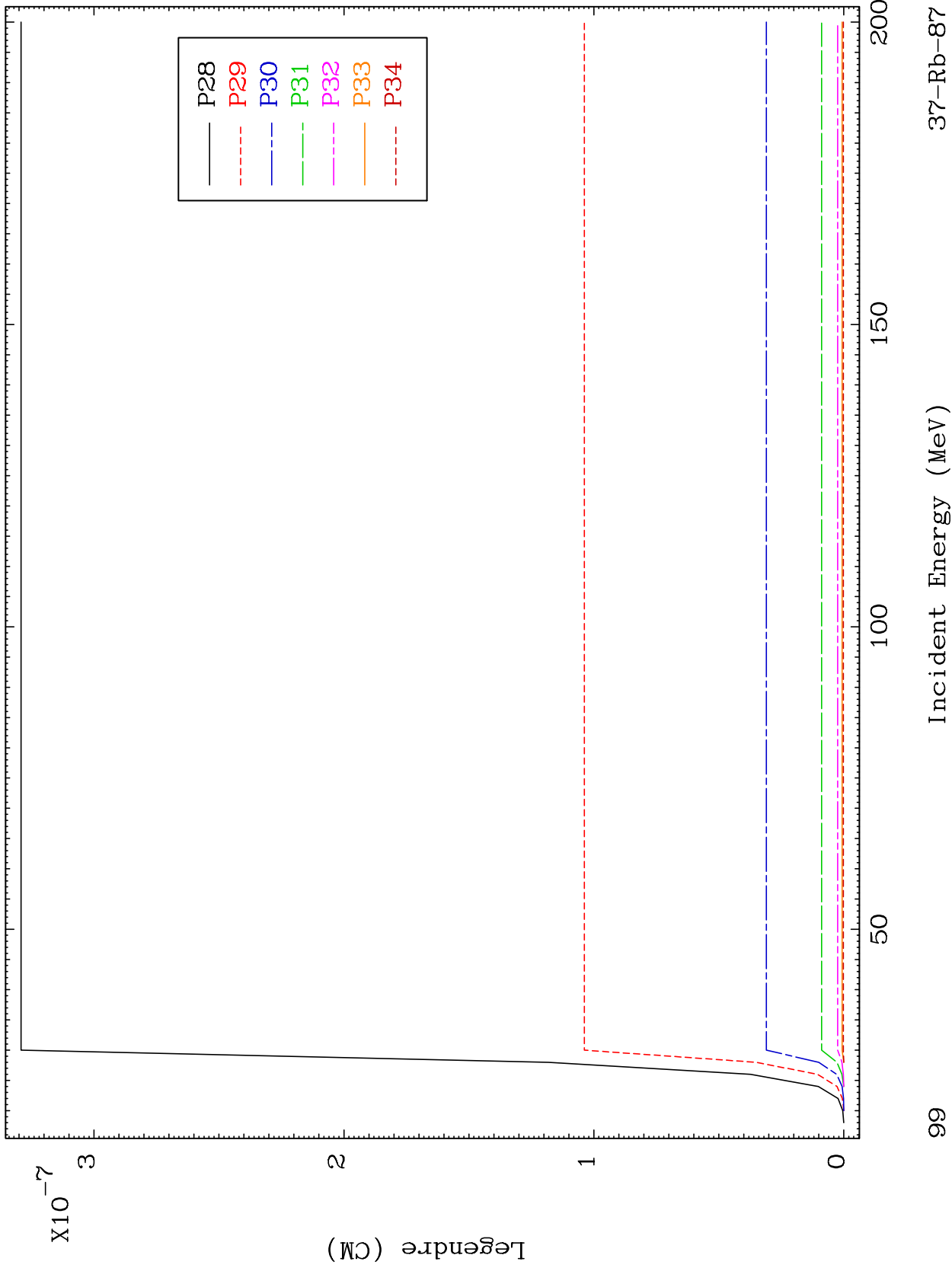
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

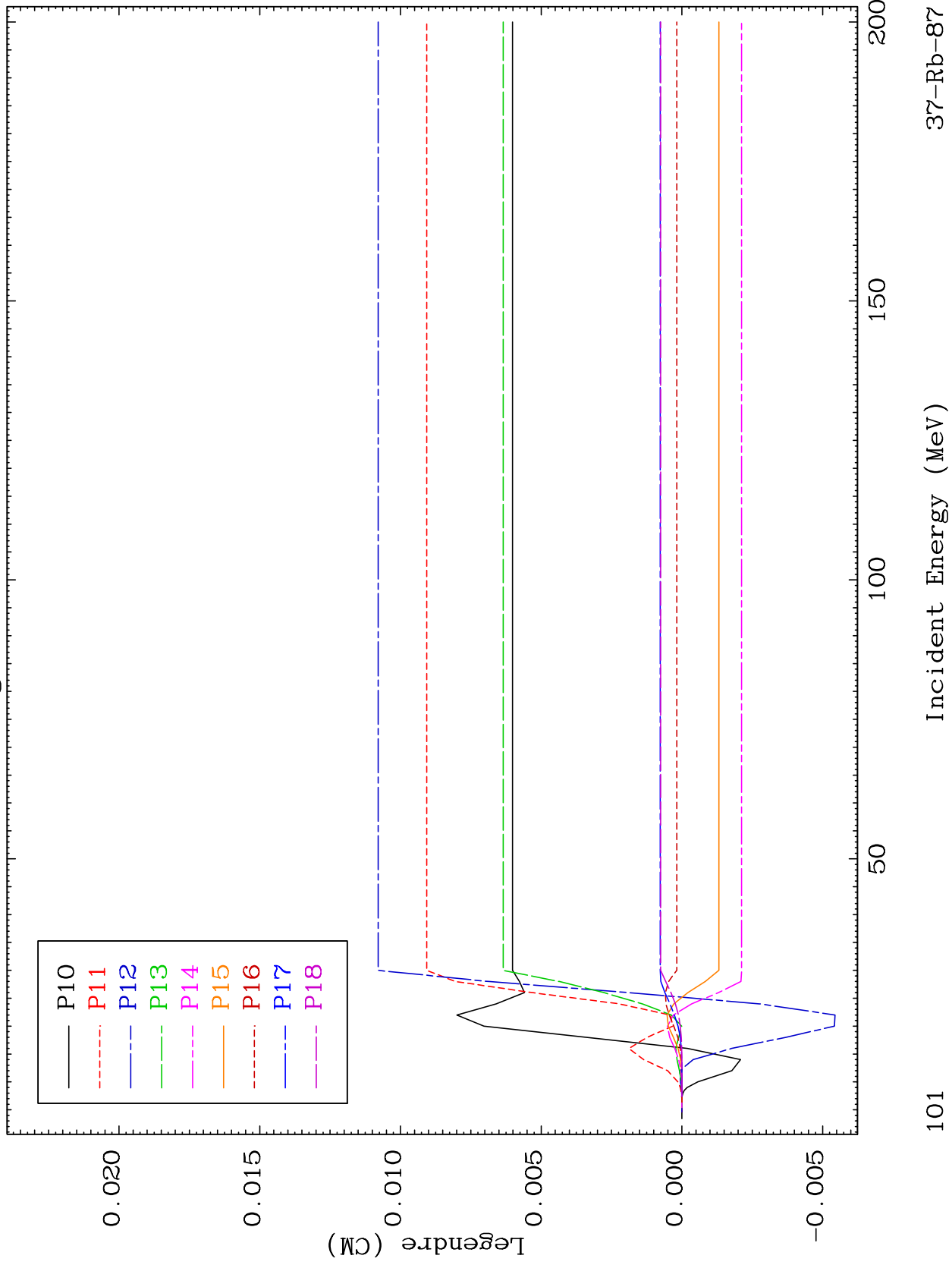
37-Rb-87



MAT 3731

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

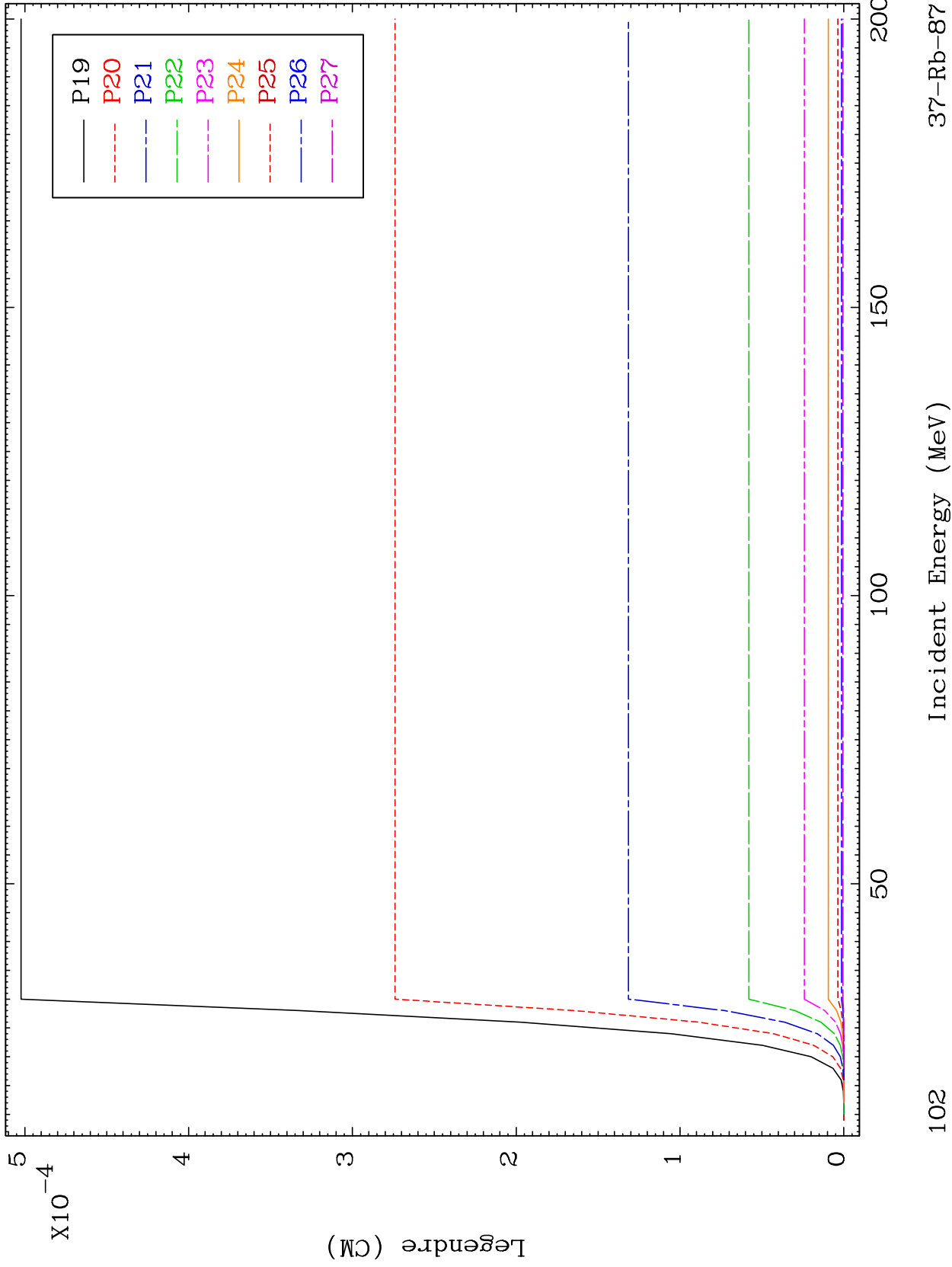
37-Rb-87



MAT 3731

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

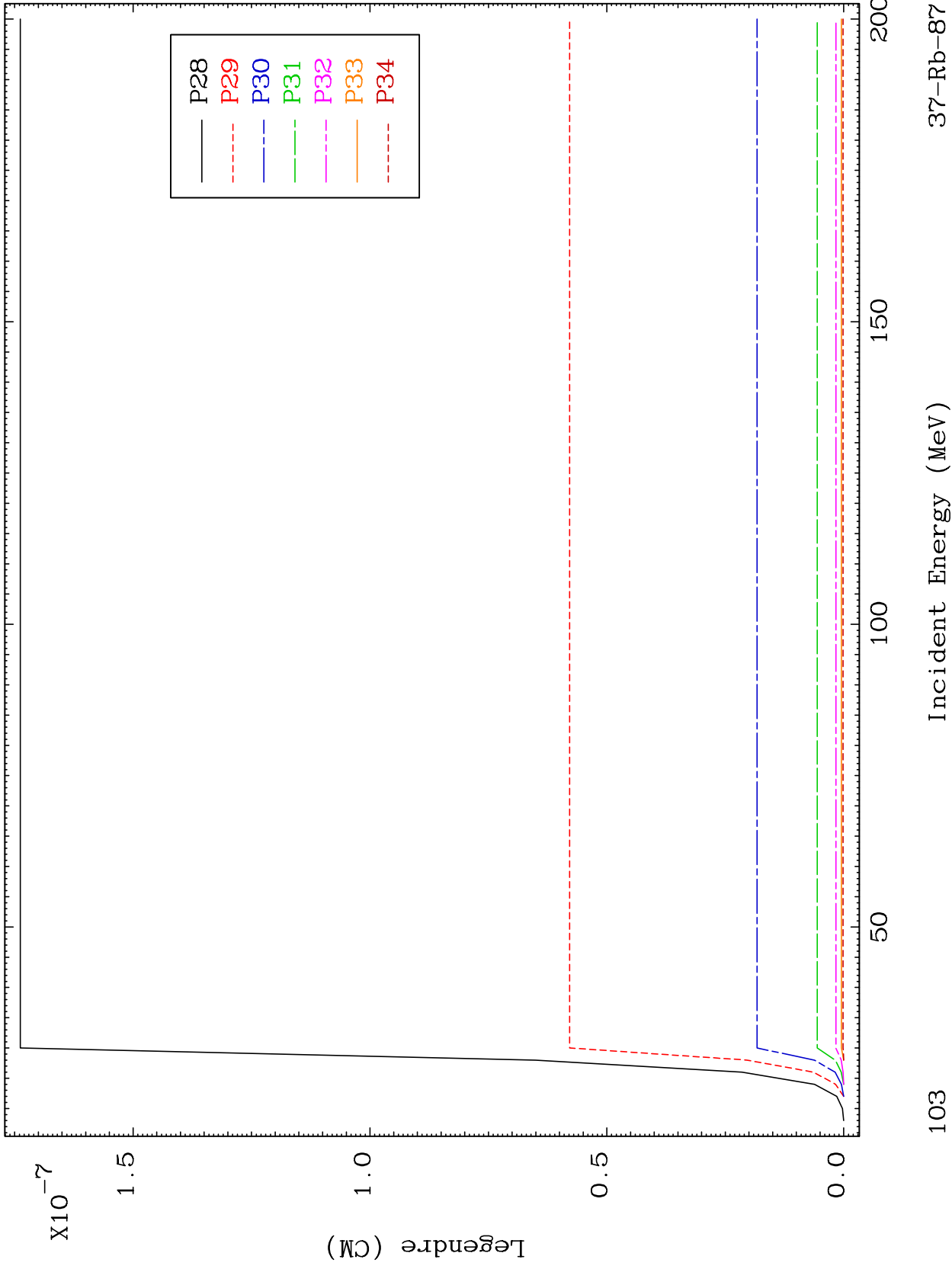
37-Rb-87



MAT 3731

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

37-Rb-87

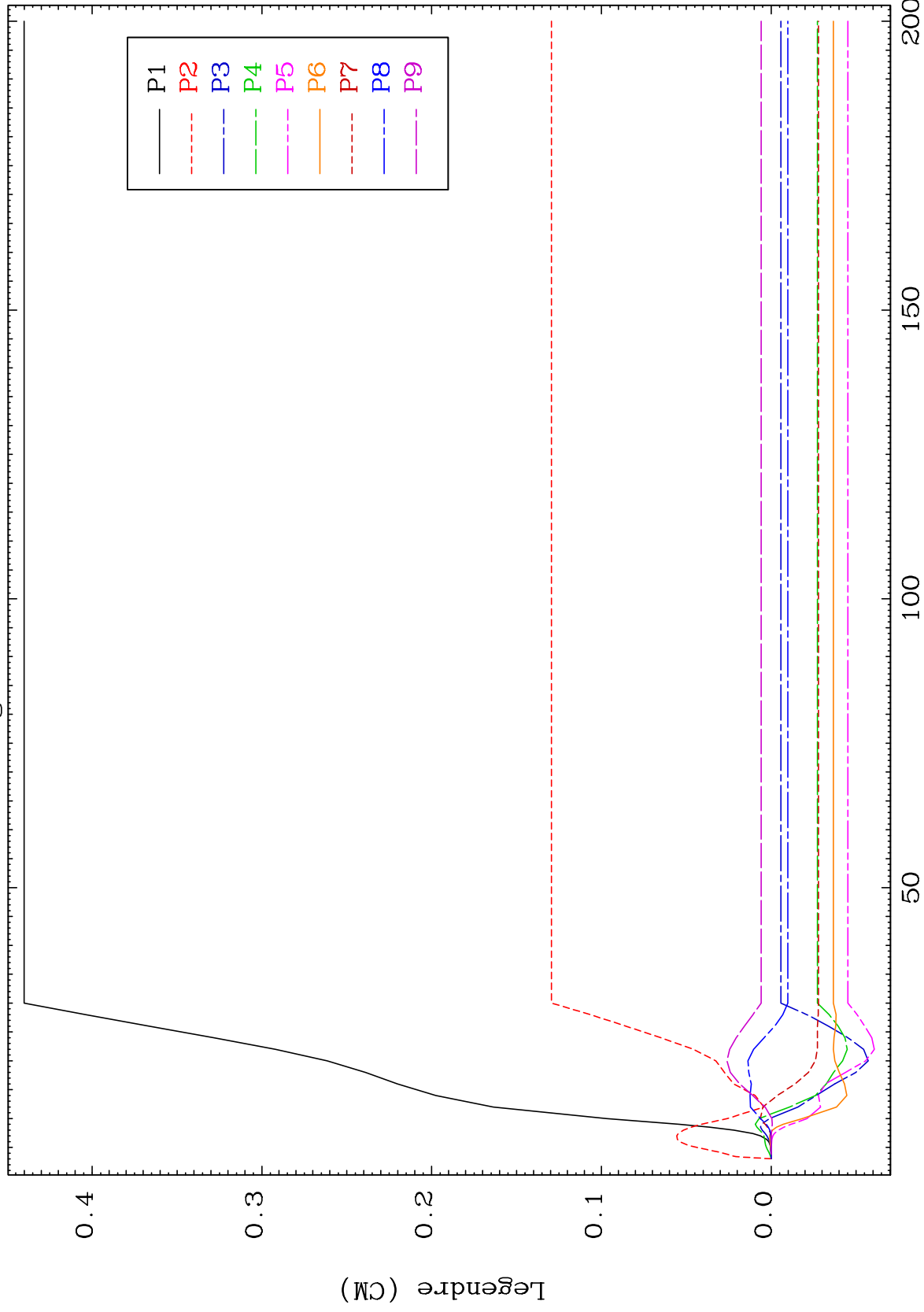


103

MAT 3731

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

37-Rb-87



104

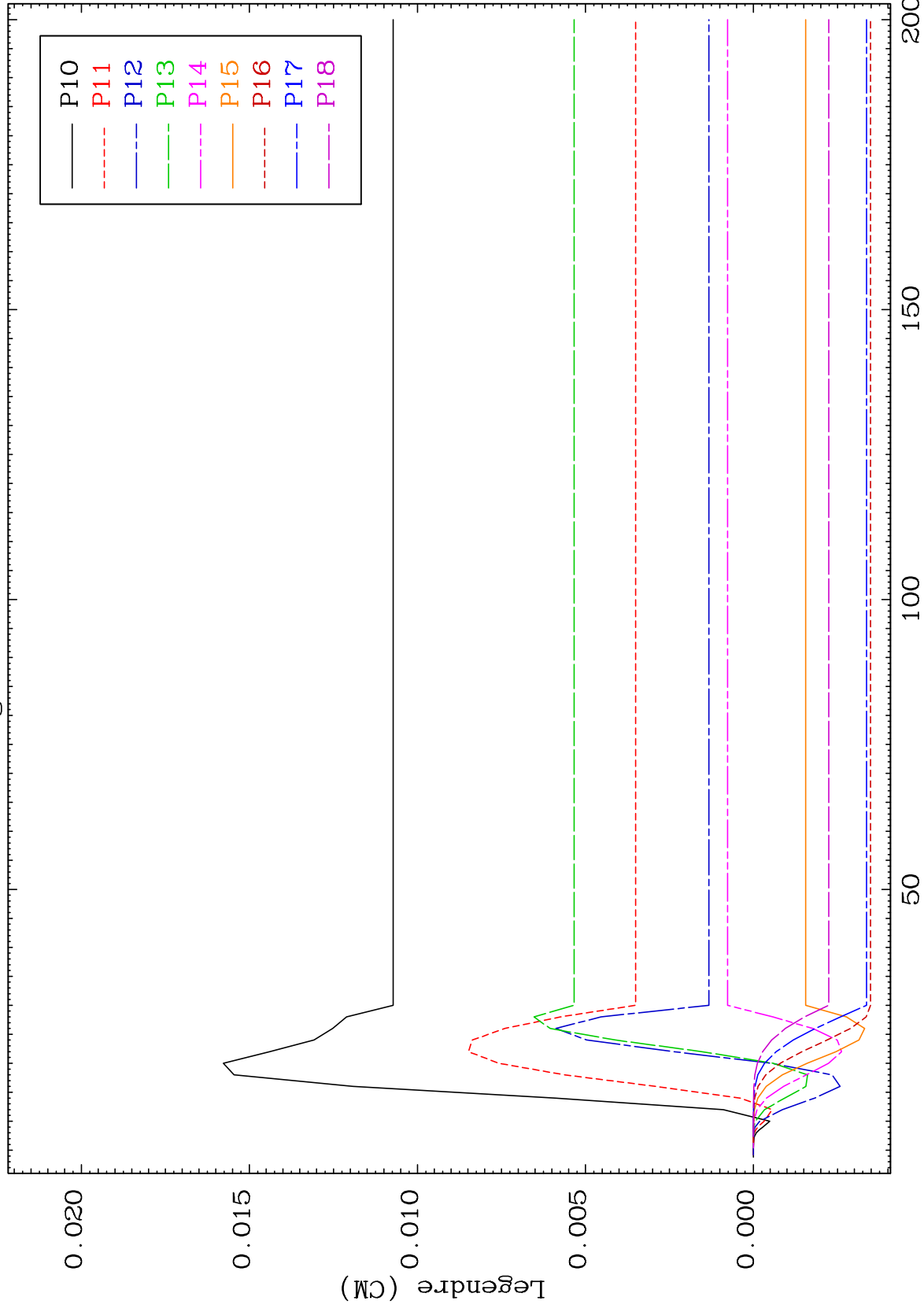
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

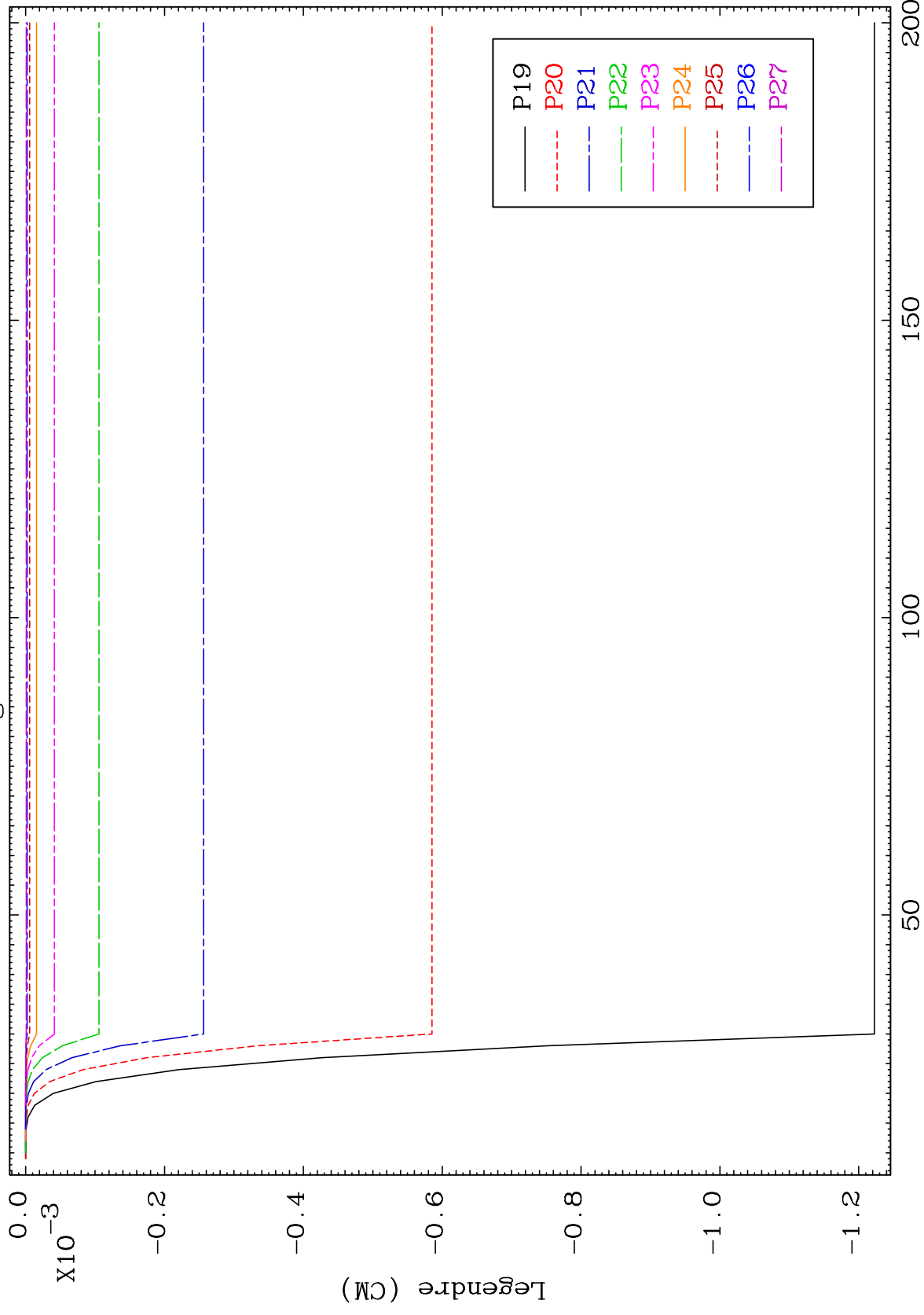
37-Rb-87

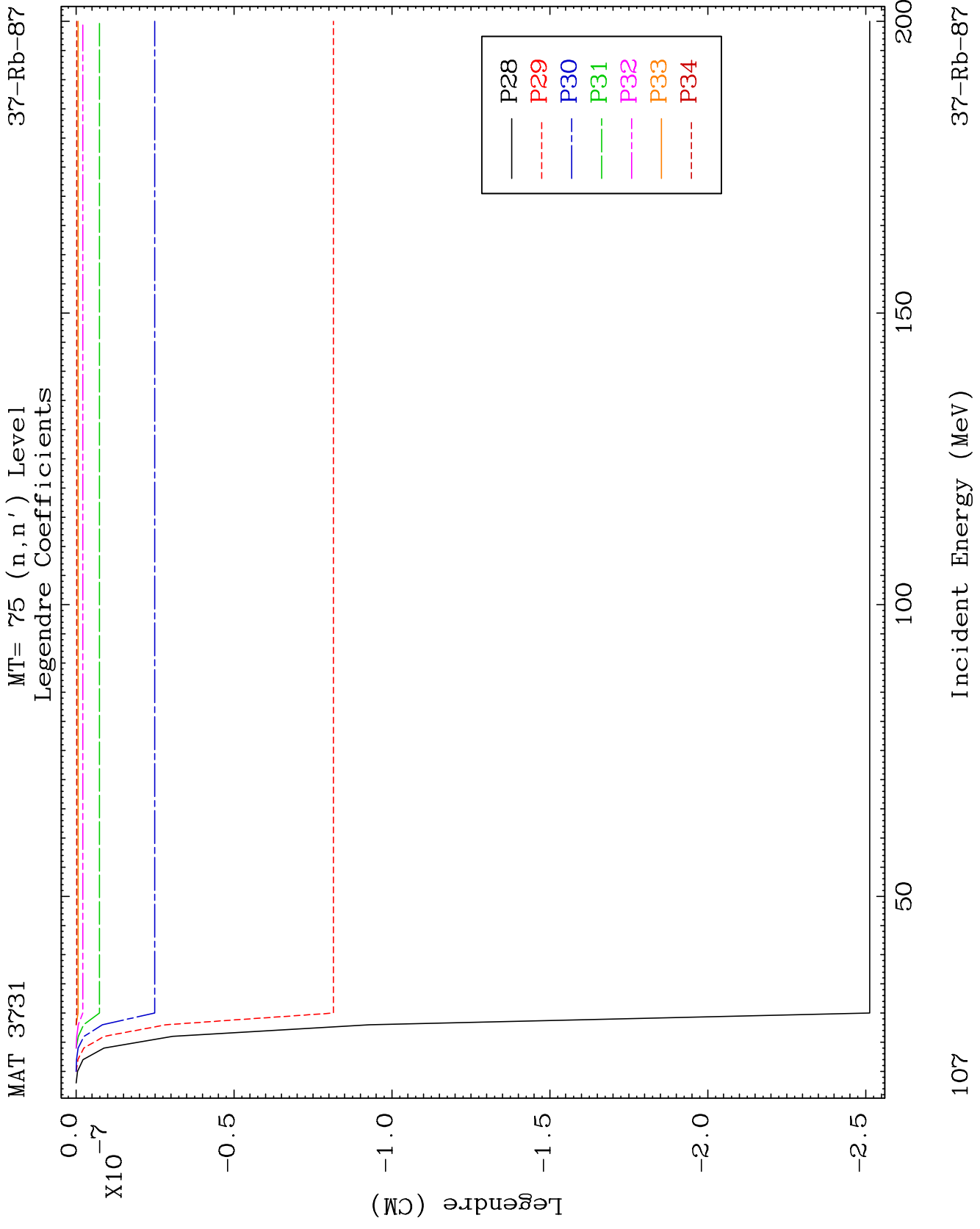


105

Incident Energy (MeV)

37-Rb-87

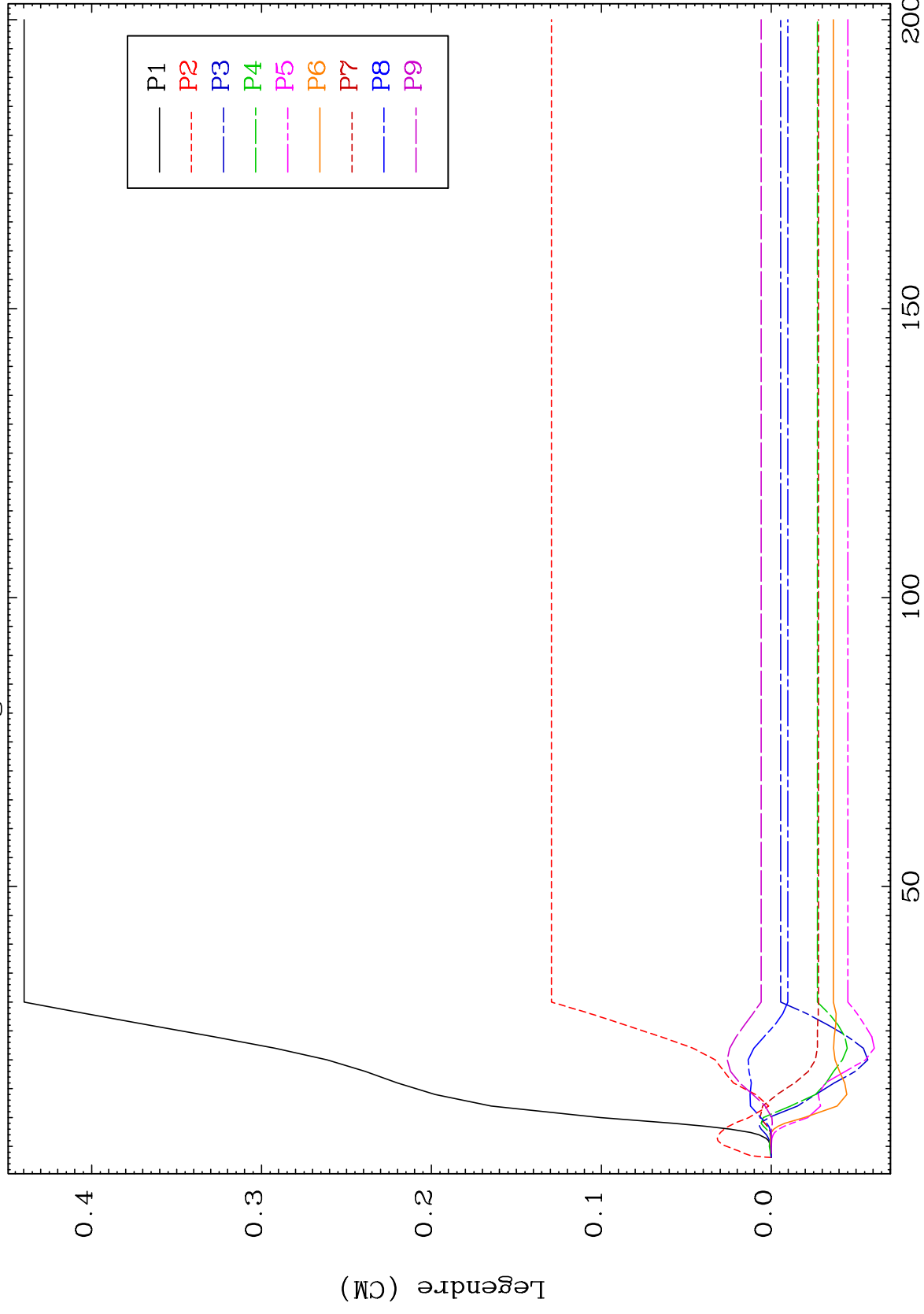




MAT 3731

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

37-Rb-87



108

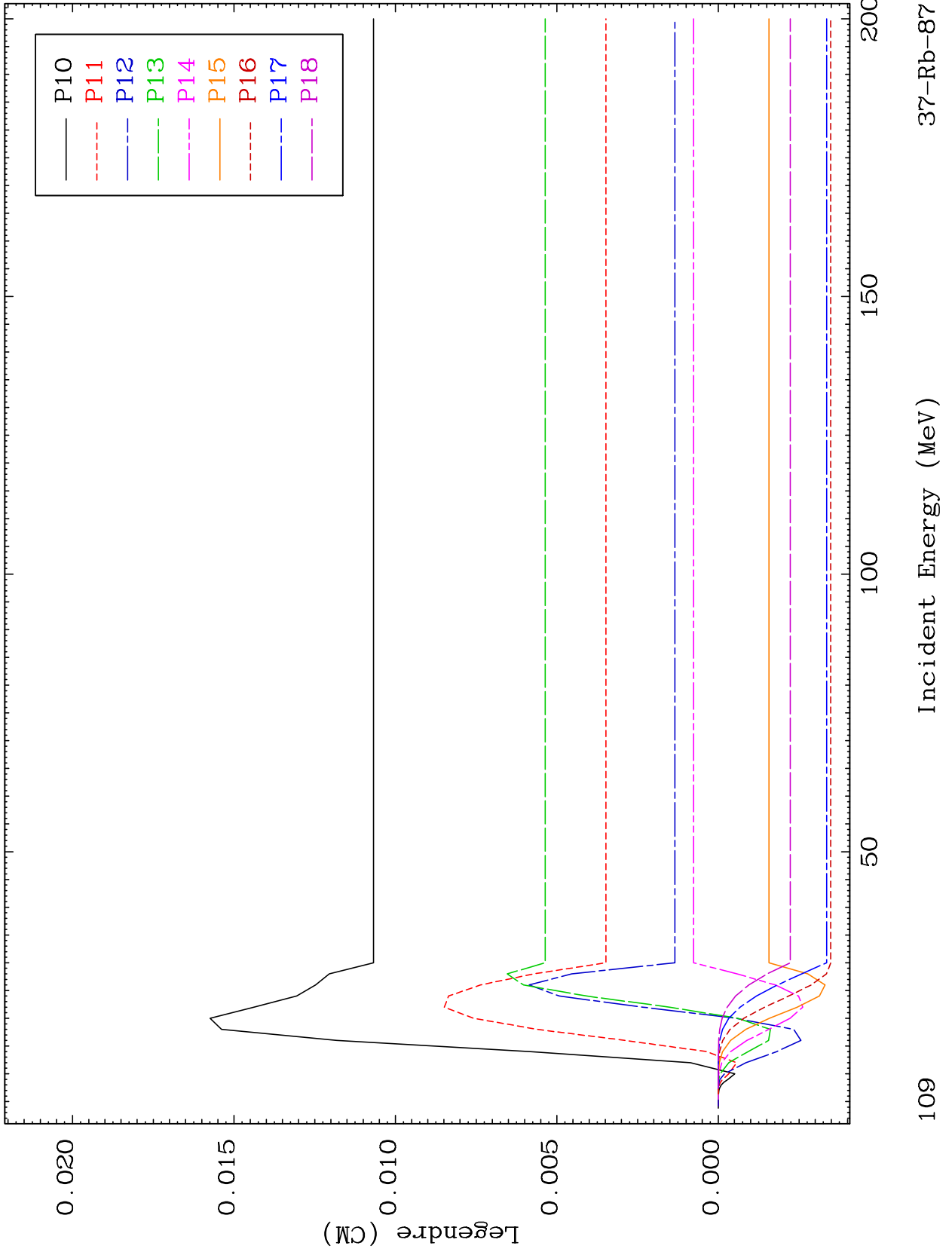
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



109

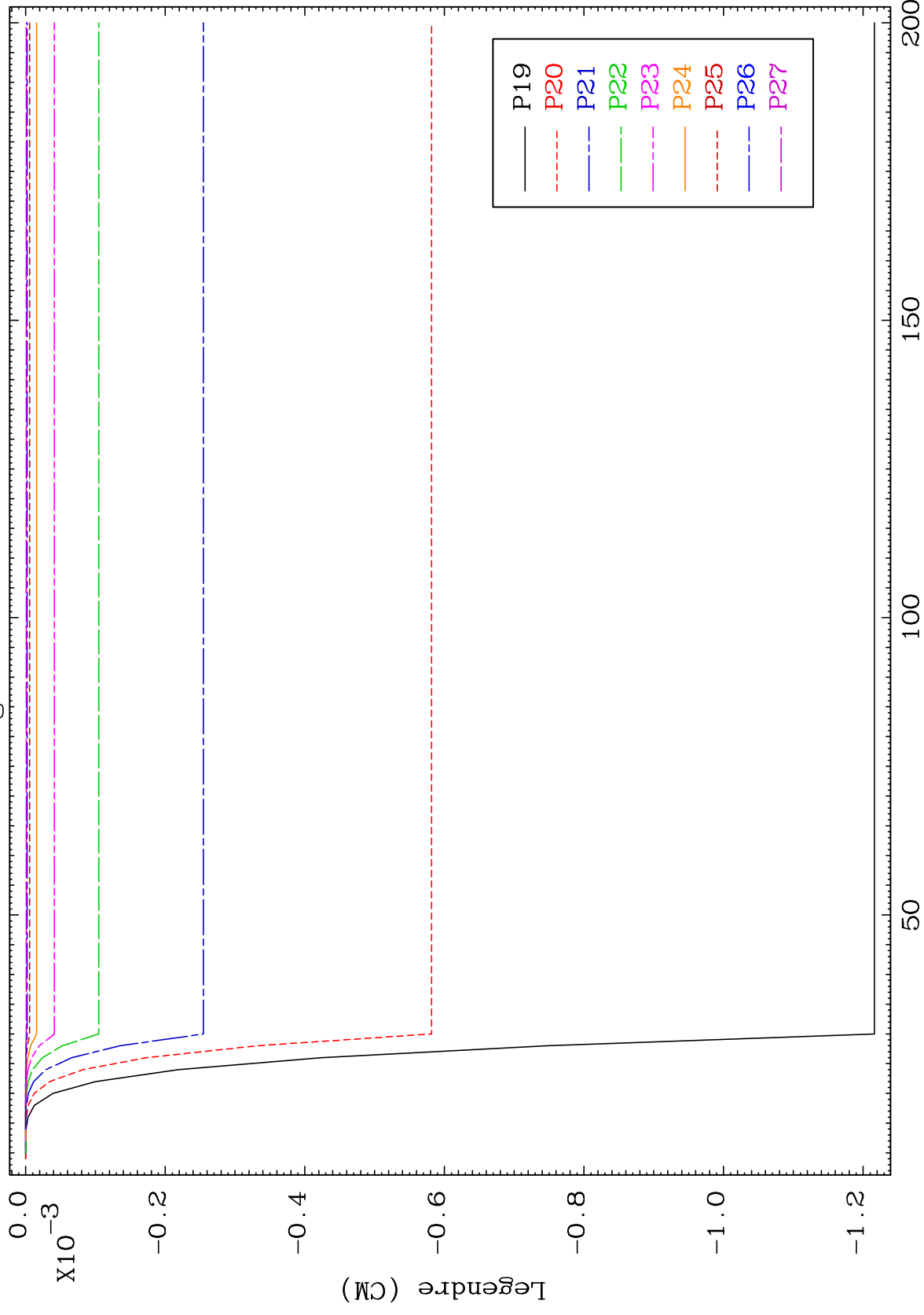
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

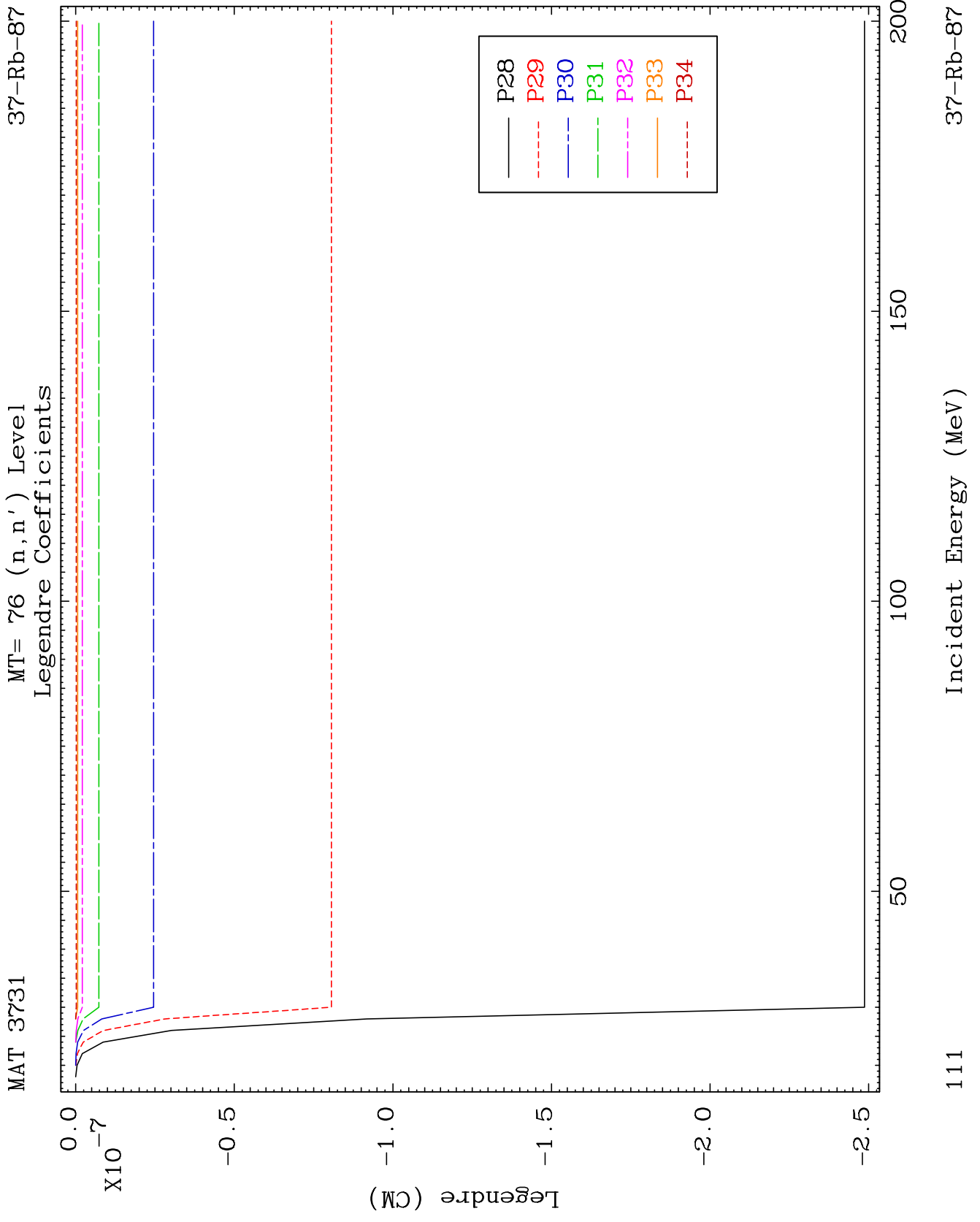
37-Rb-87



37-Rb-87

Incident Energy (MeV)

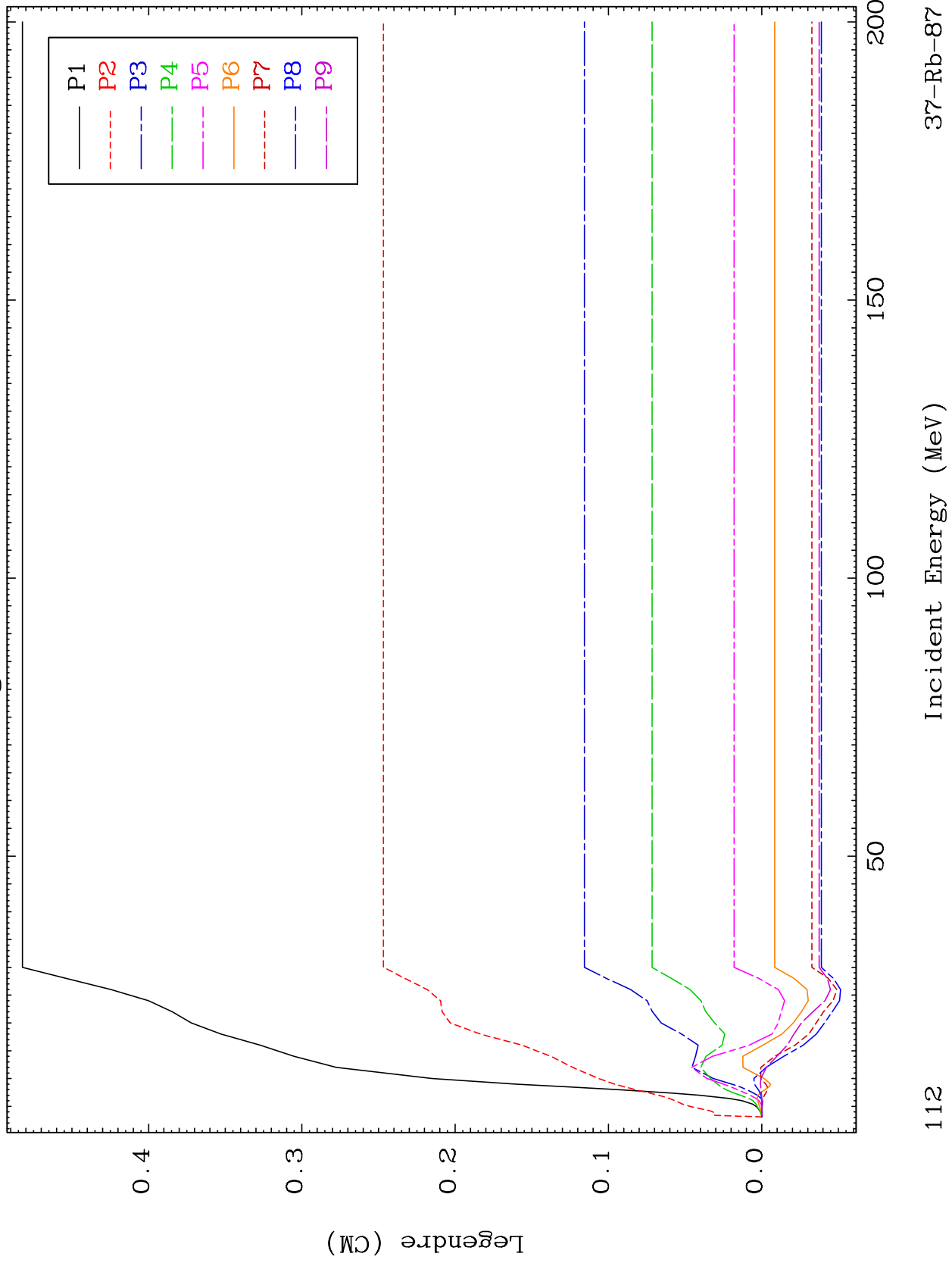
110



MAT 3731

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

37-Rb-87



112

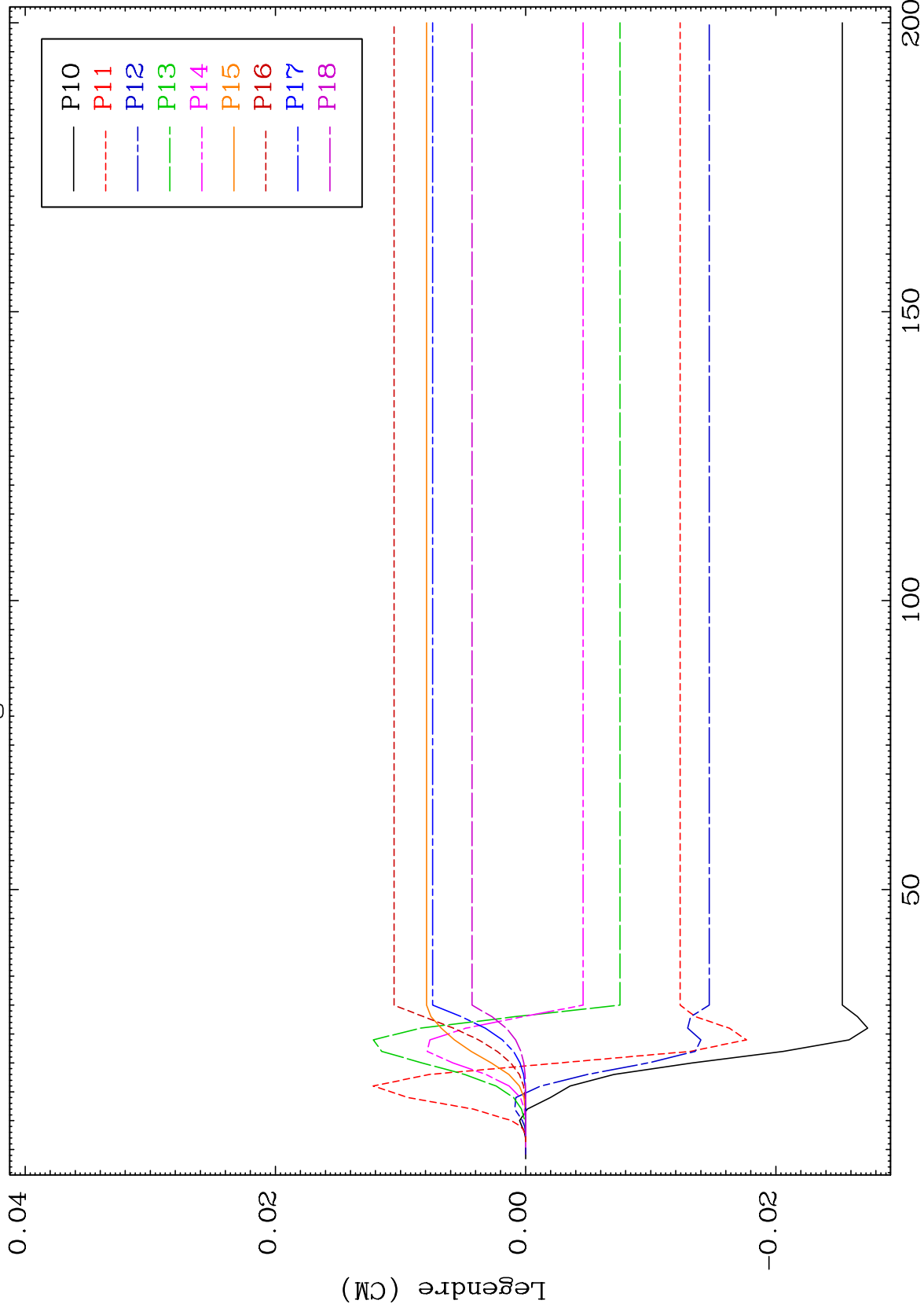
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



113

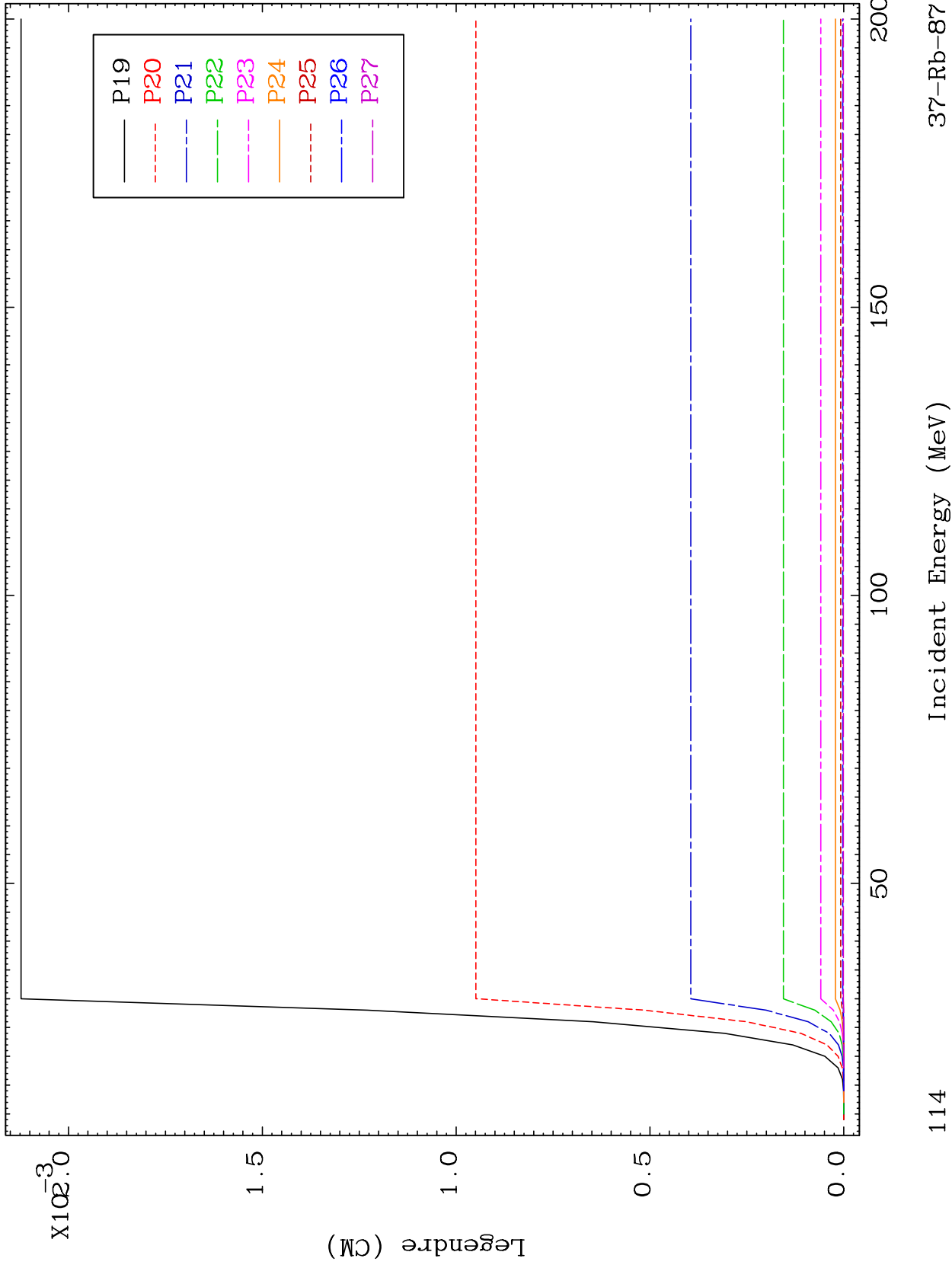
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



114

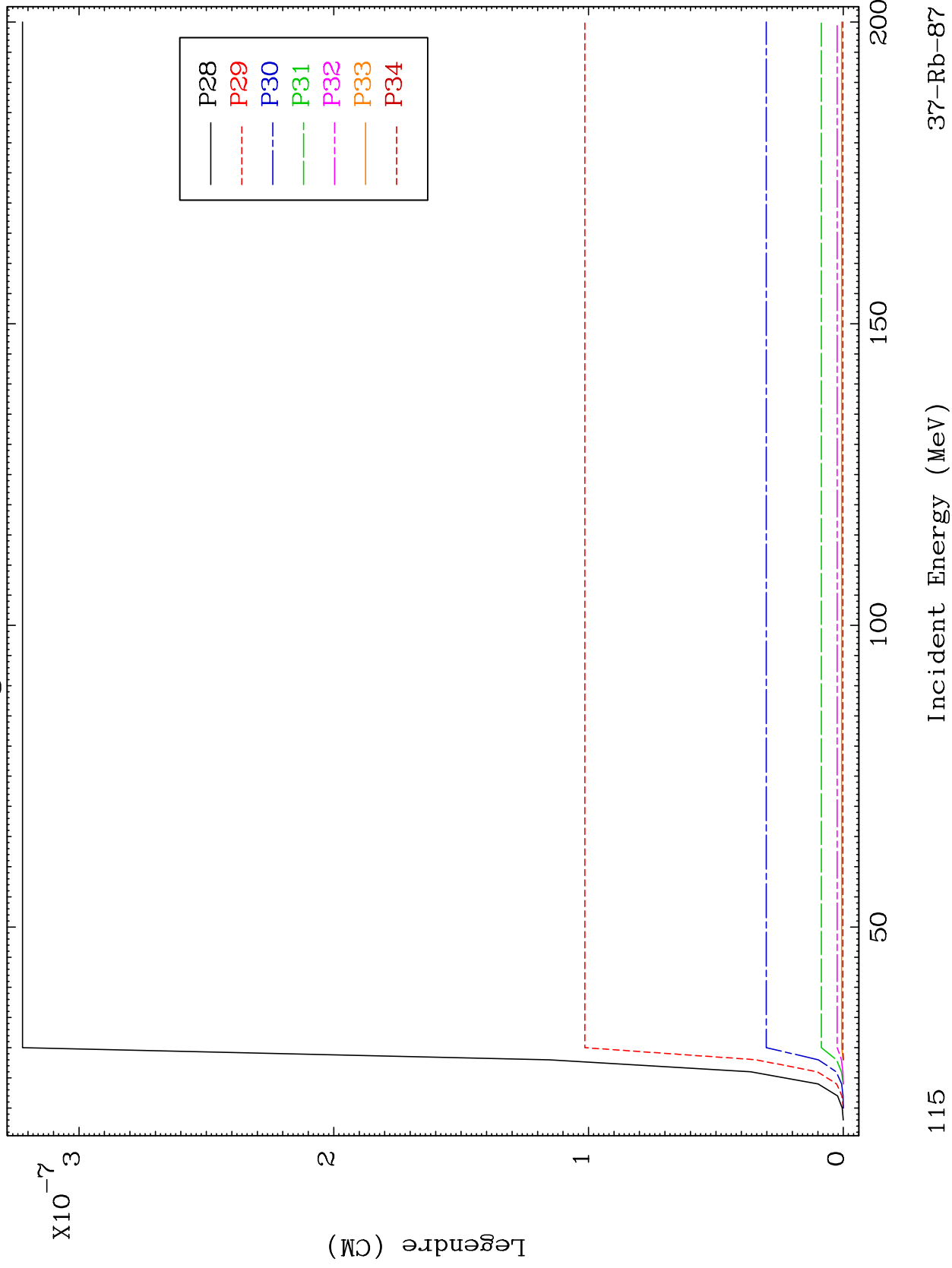
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

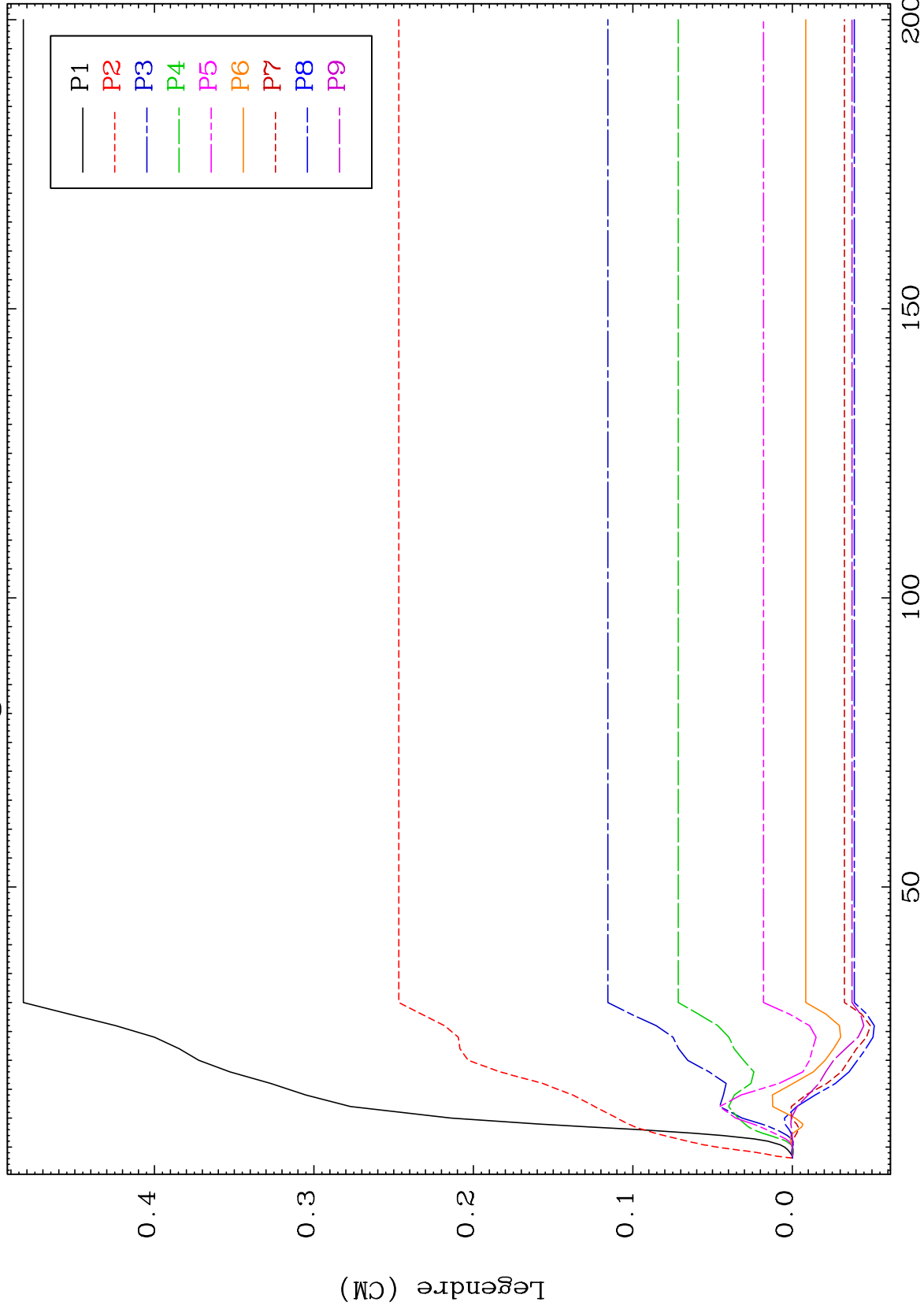
37-Rb-87



MAT 3731

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

37-Rb-87



116

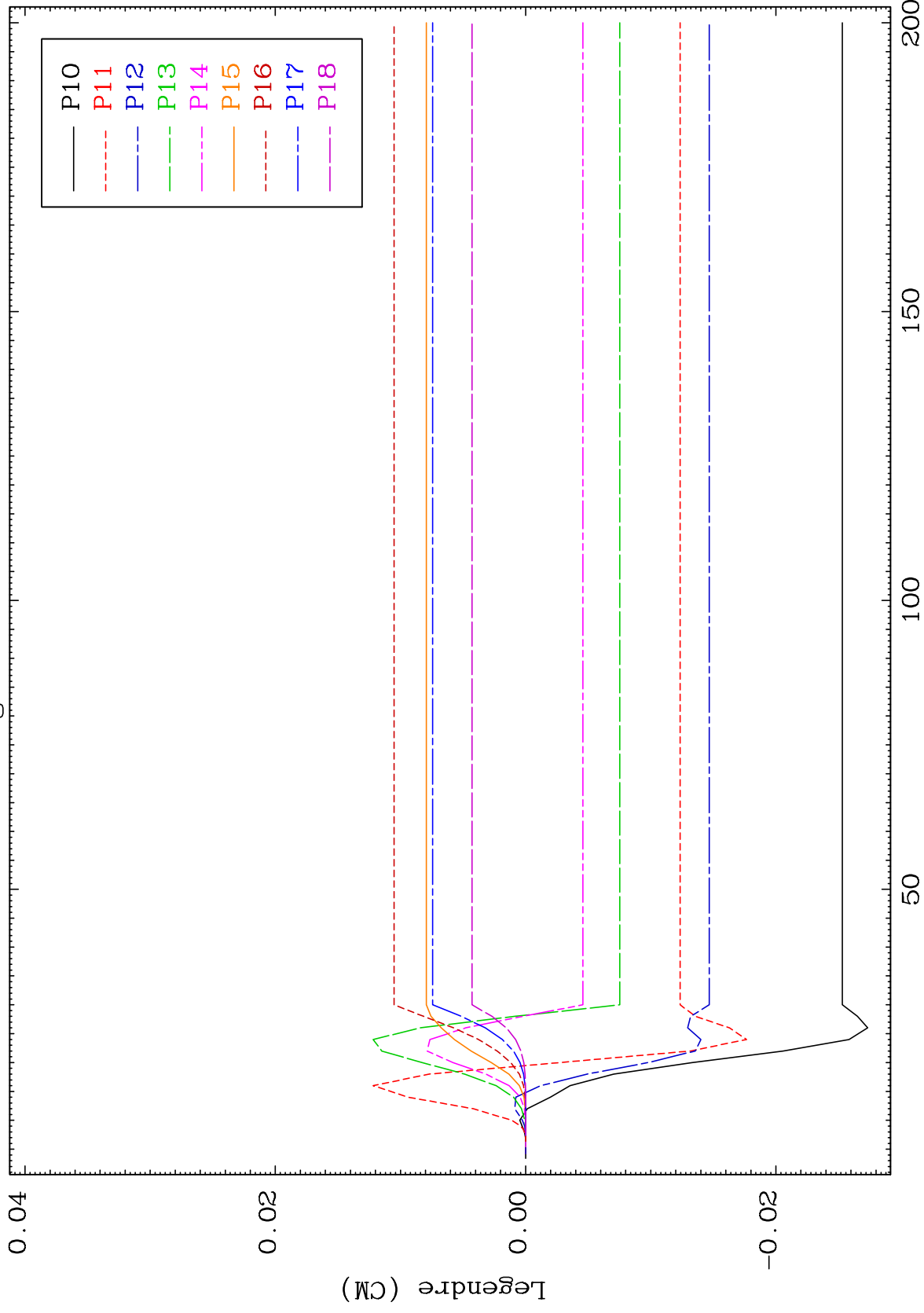
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



117

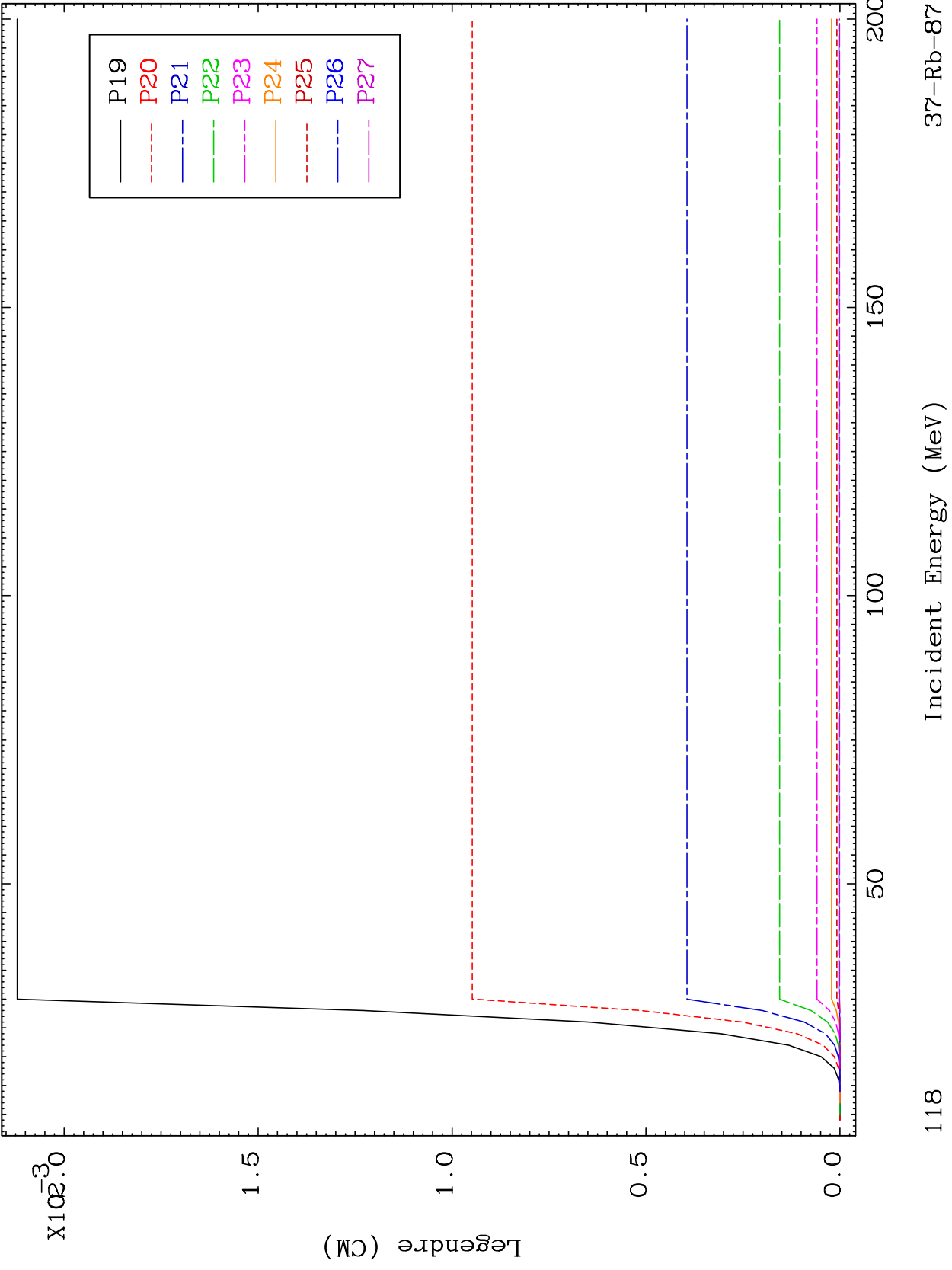
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

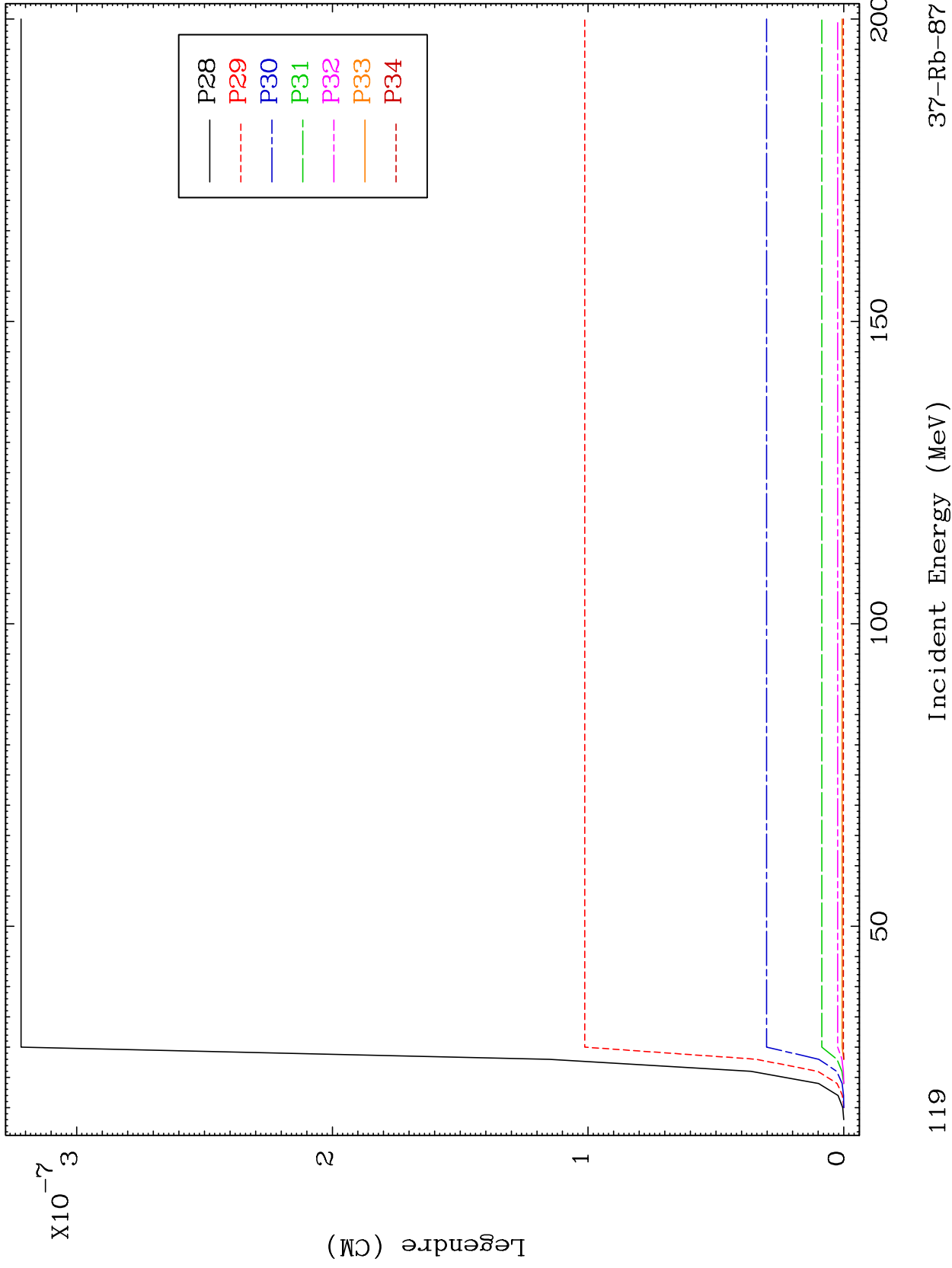
37-Rb-87



MAT 3731

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

37-Rb-87



119

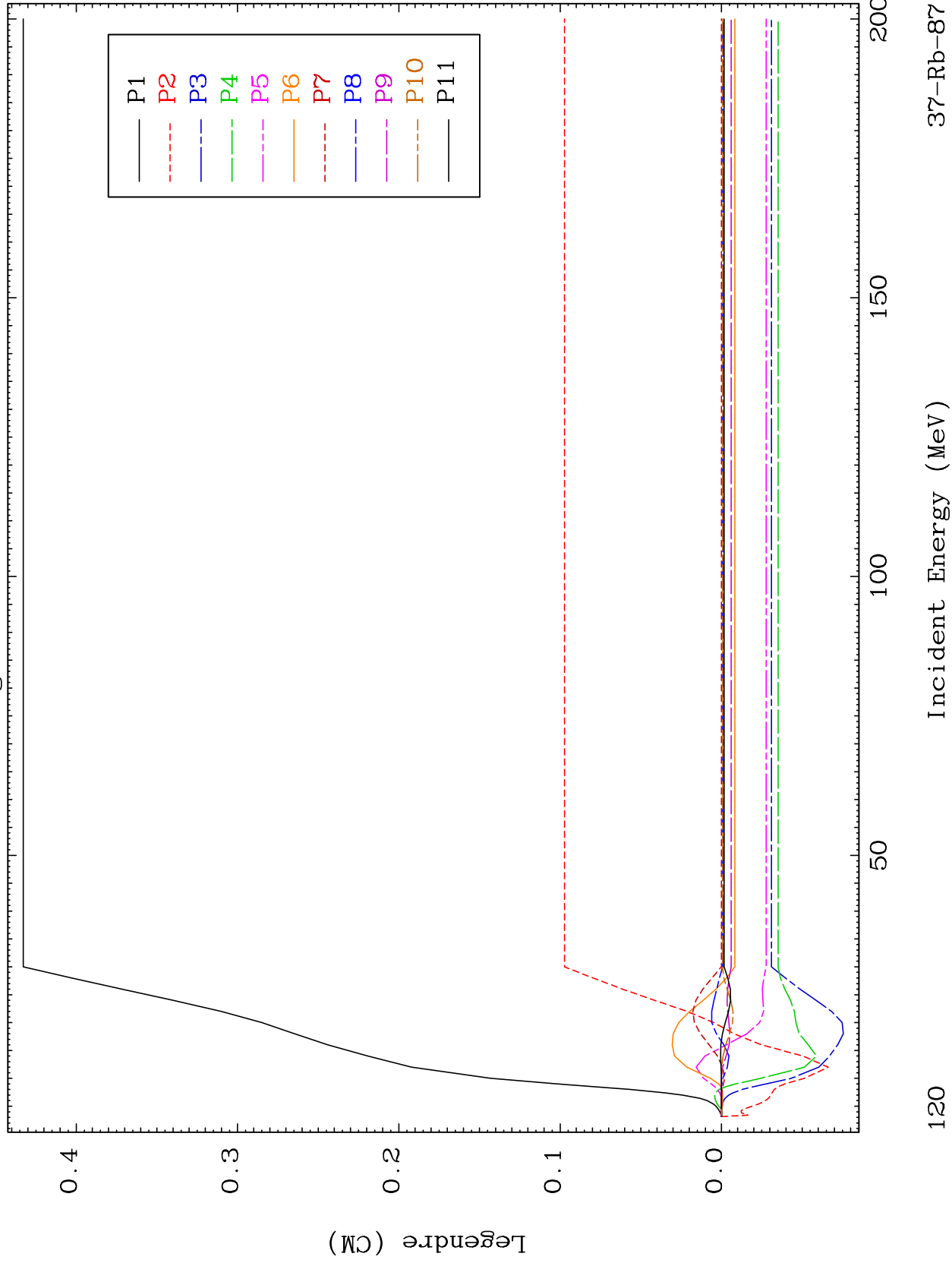
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



37-Rb-87

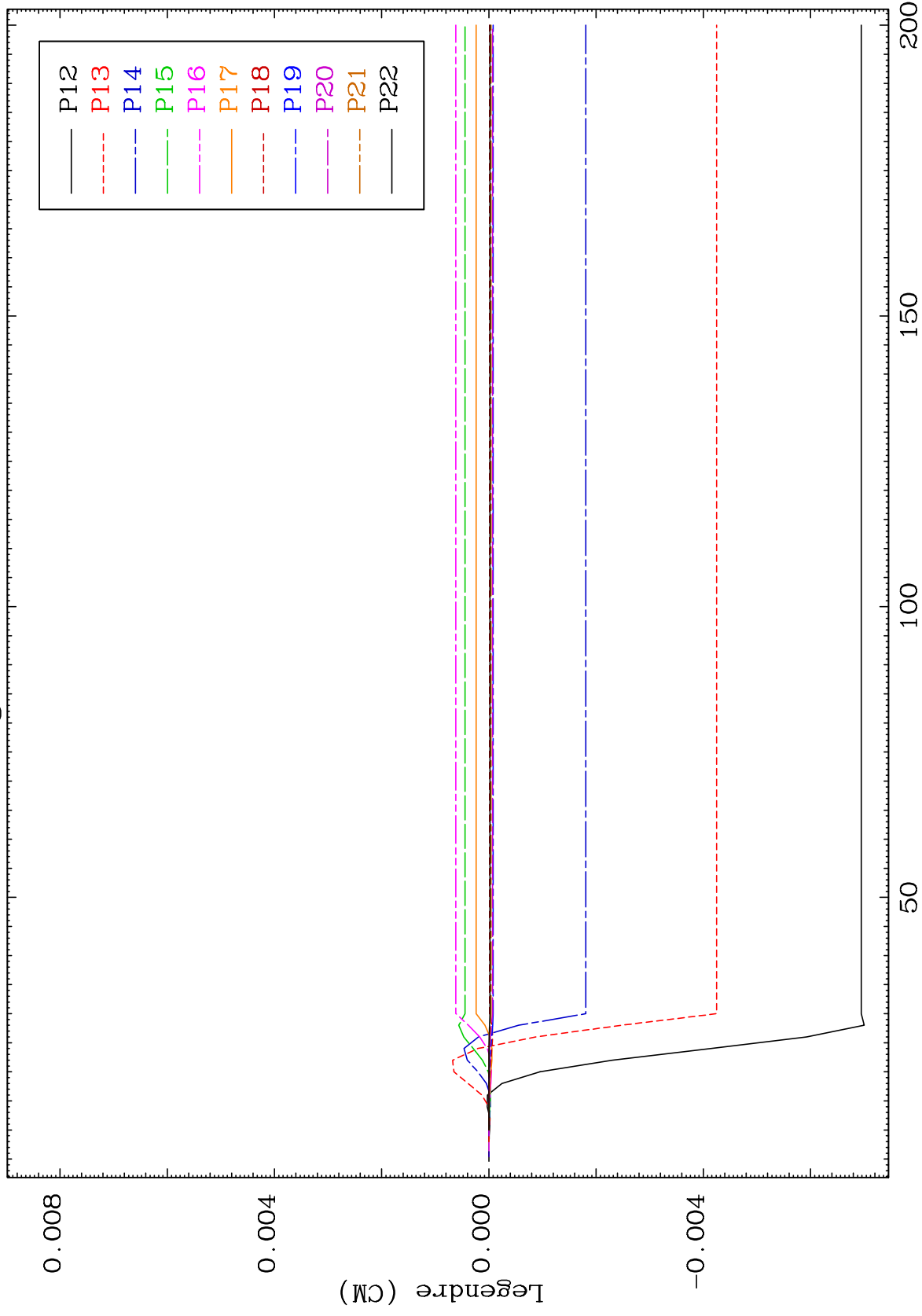
Incident Energy (MeV)

120

MAT 3731

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

37-Rb-87



121

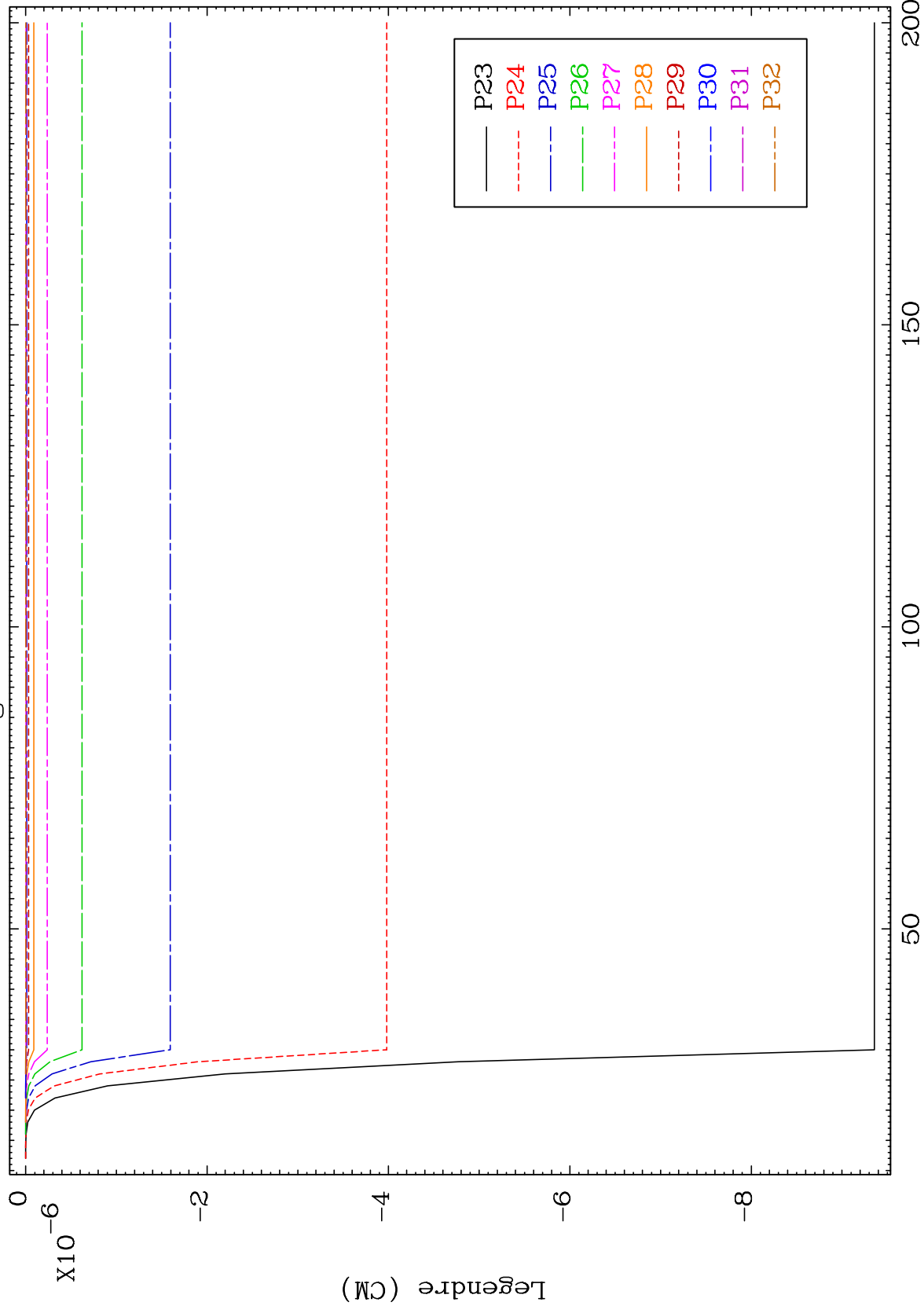
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



122

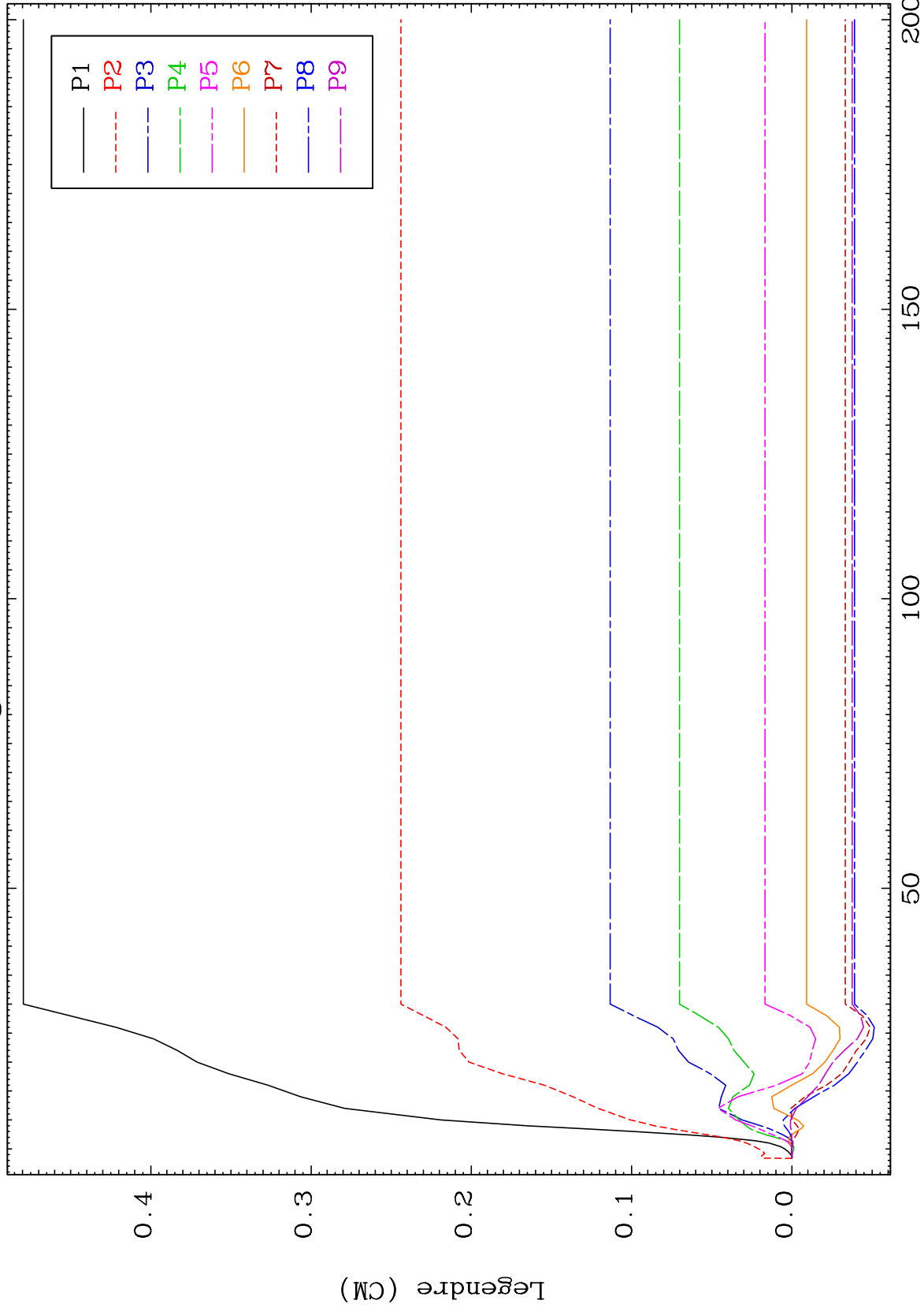
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

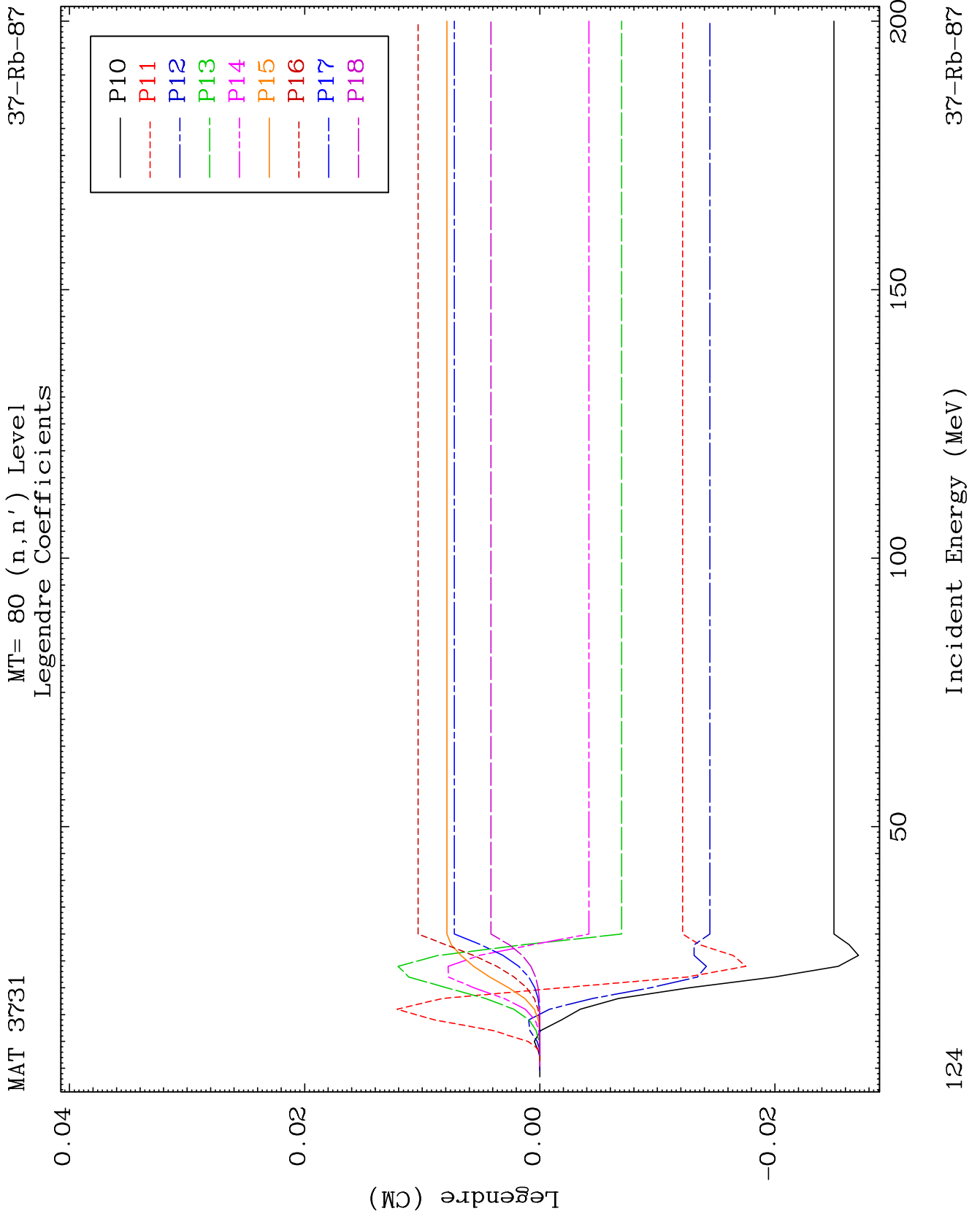
37-Rb-87



123

Incident Energy (MeV)

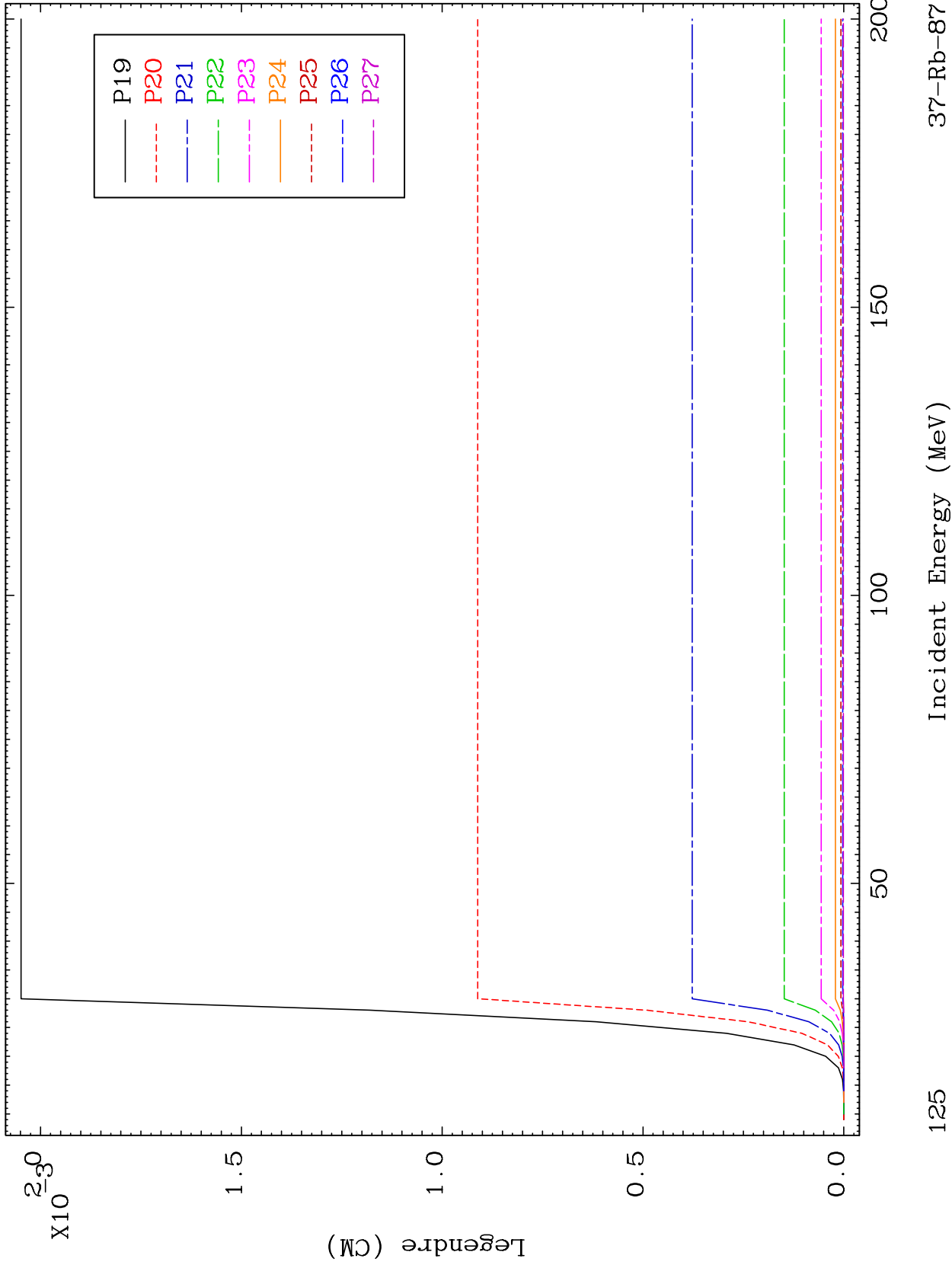
37-Rb-87



MAT 3731

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

37-Rb-87



37-Rb-87

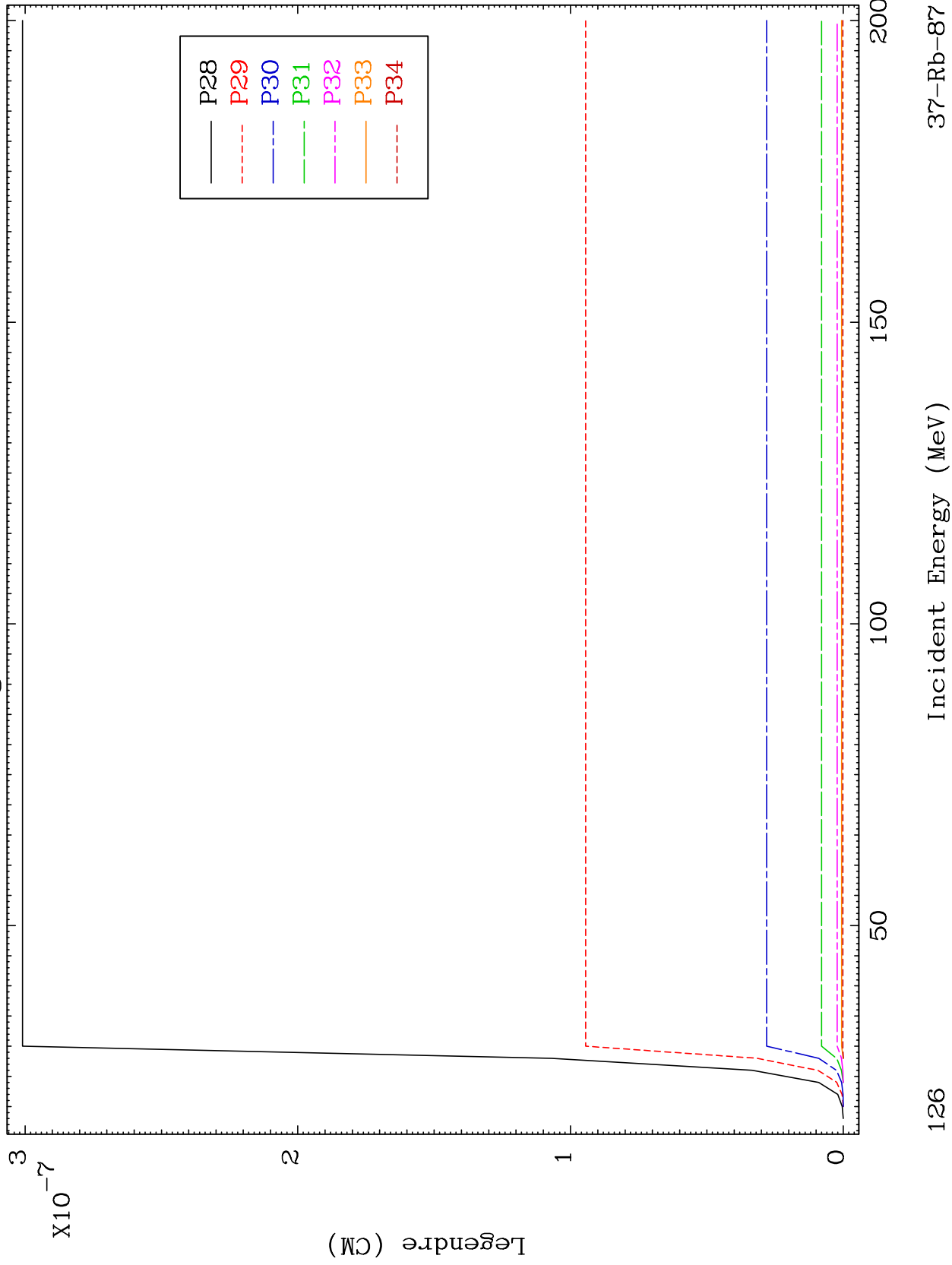
Incident Energy (MeV)

125

MAT 3731

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

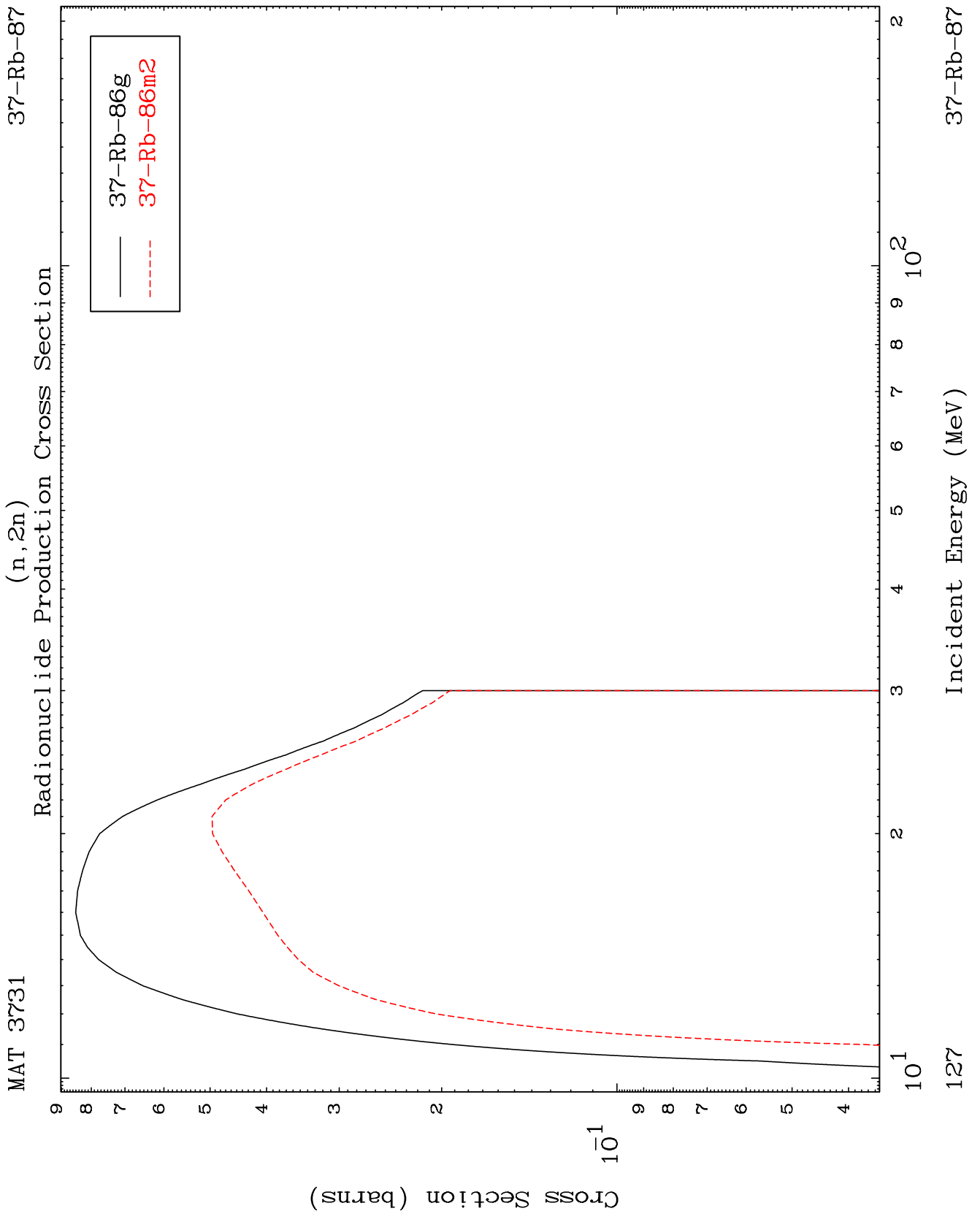
37-Rb-87



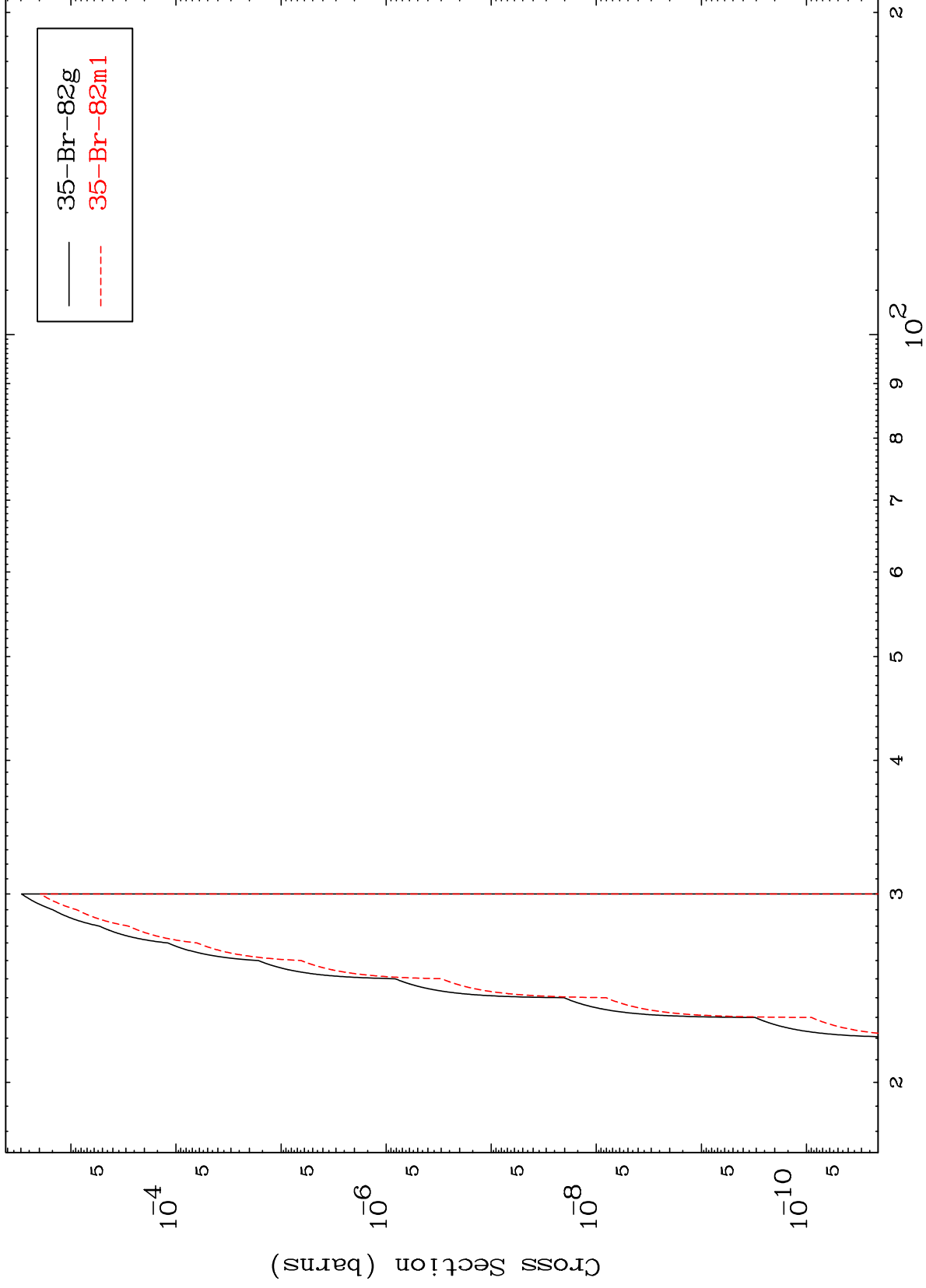
126

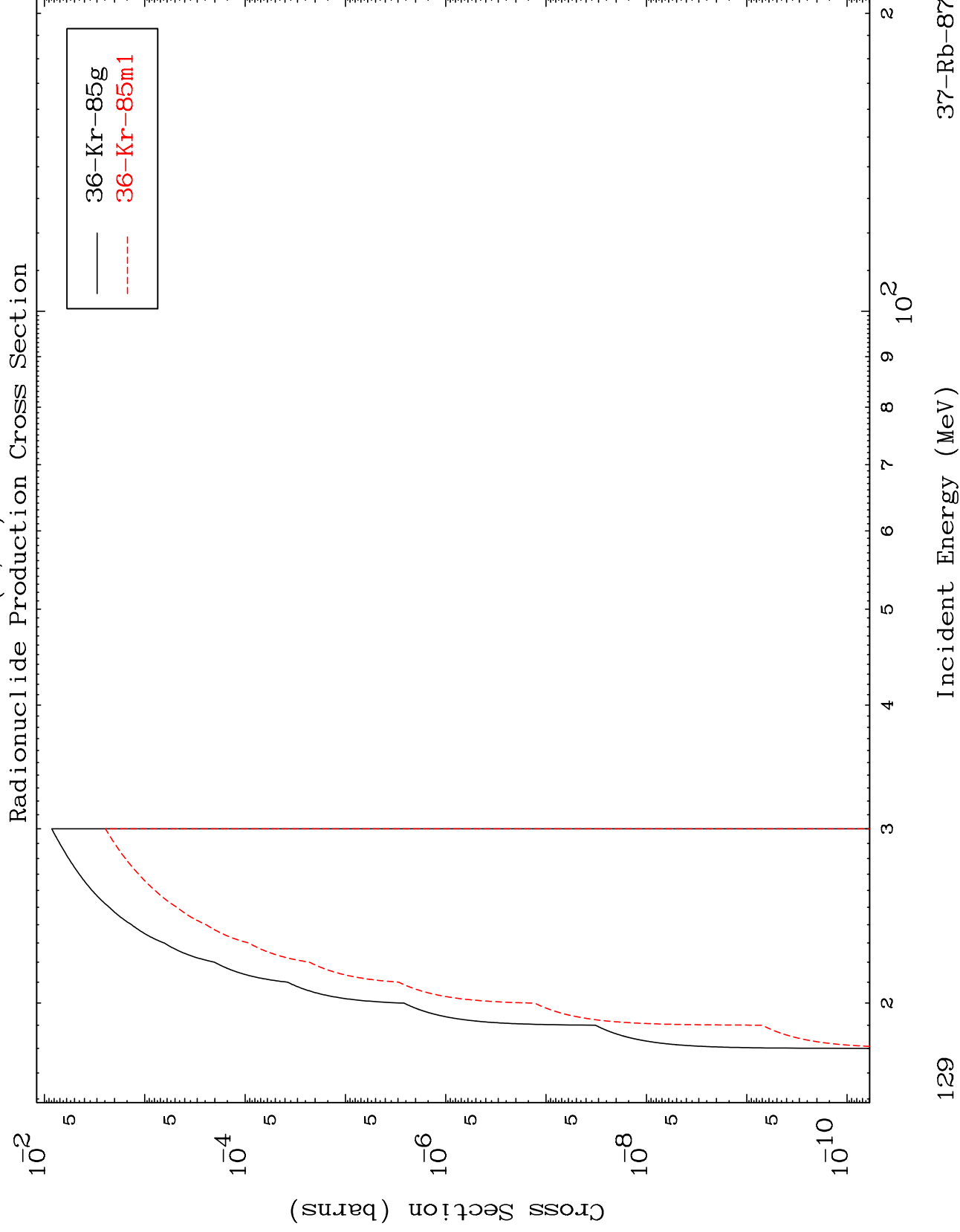
Incident Energy (MeV)

37-Rb-87



Radionuclide Production Cross Section



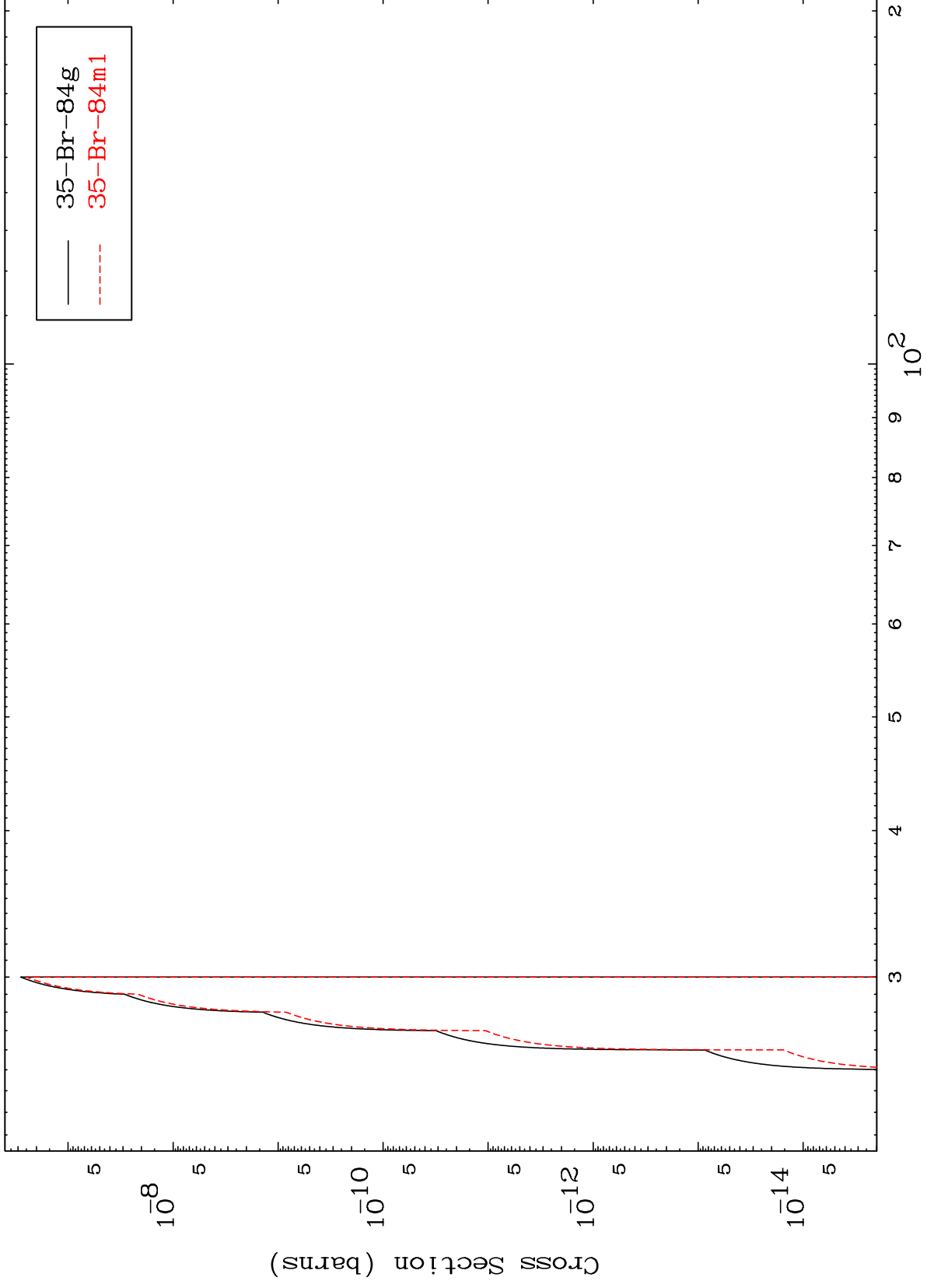


MAT 3731

(n,n') He-3

37-Rb-87

Radionuclide Production Cross Section



130

Incident Energy (MeV)

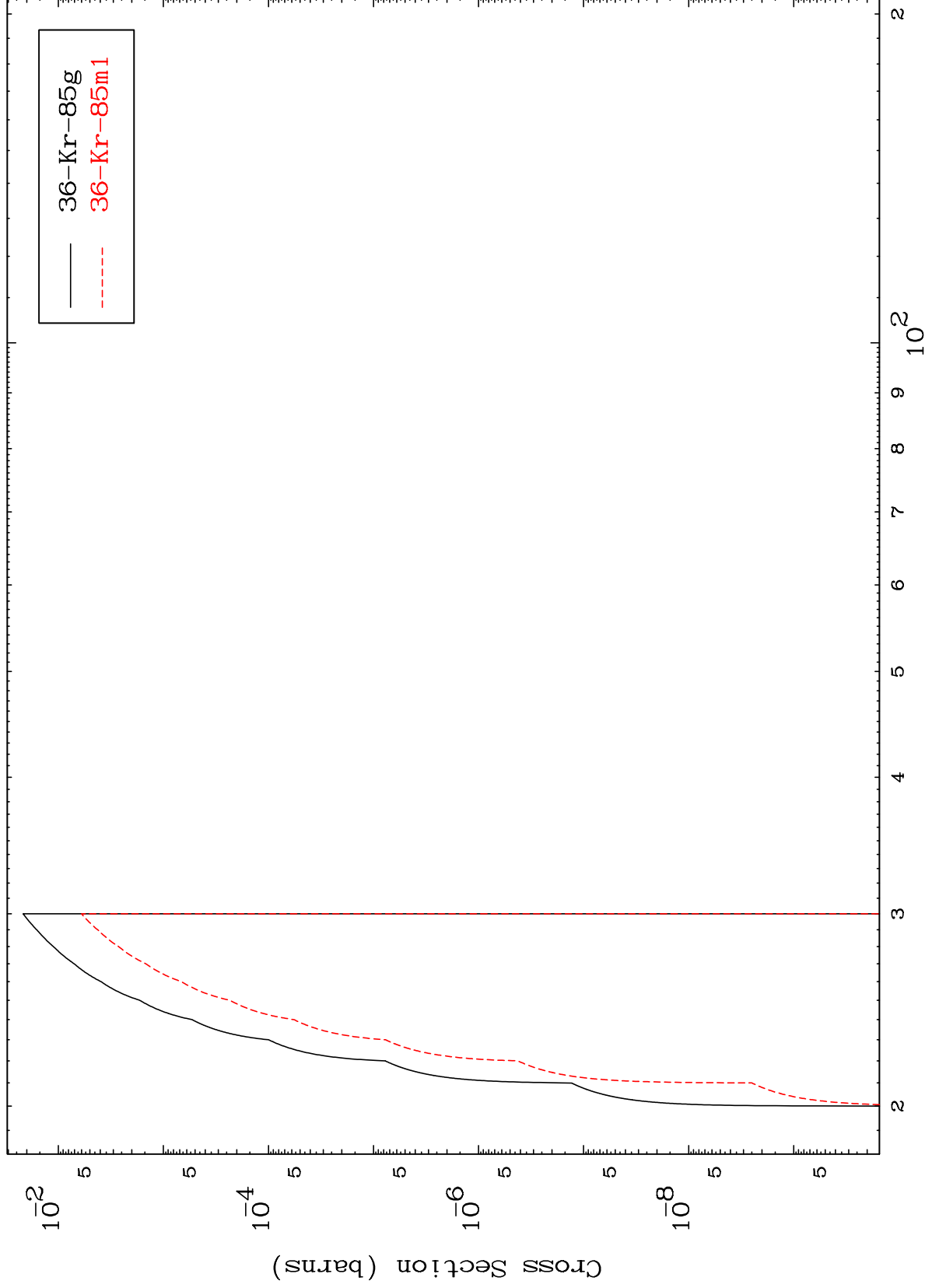
37-Rb-87

MAT 3731

(n,2n) p

37-Rb-87

Radionuclide Production Cross Section



131

Incident Energy (MeV)

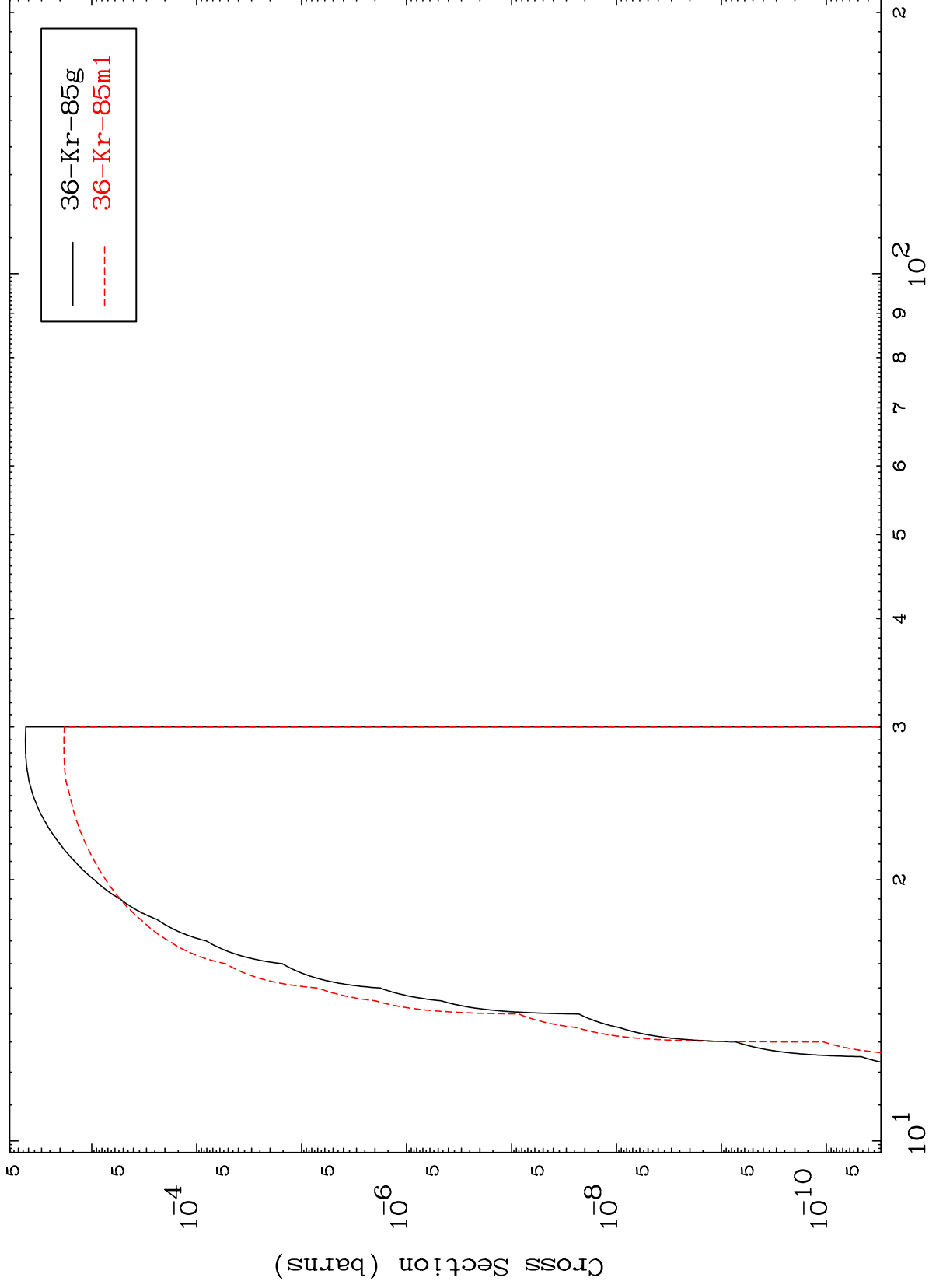
37-Rb-87

MAT 3731

(n, t)

37-Rb-87

Radionuclide Production Cross Section



132

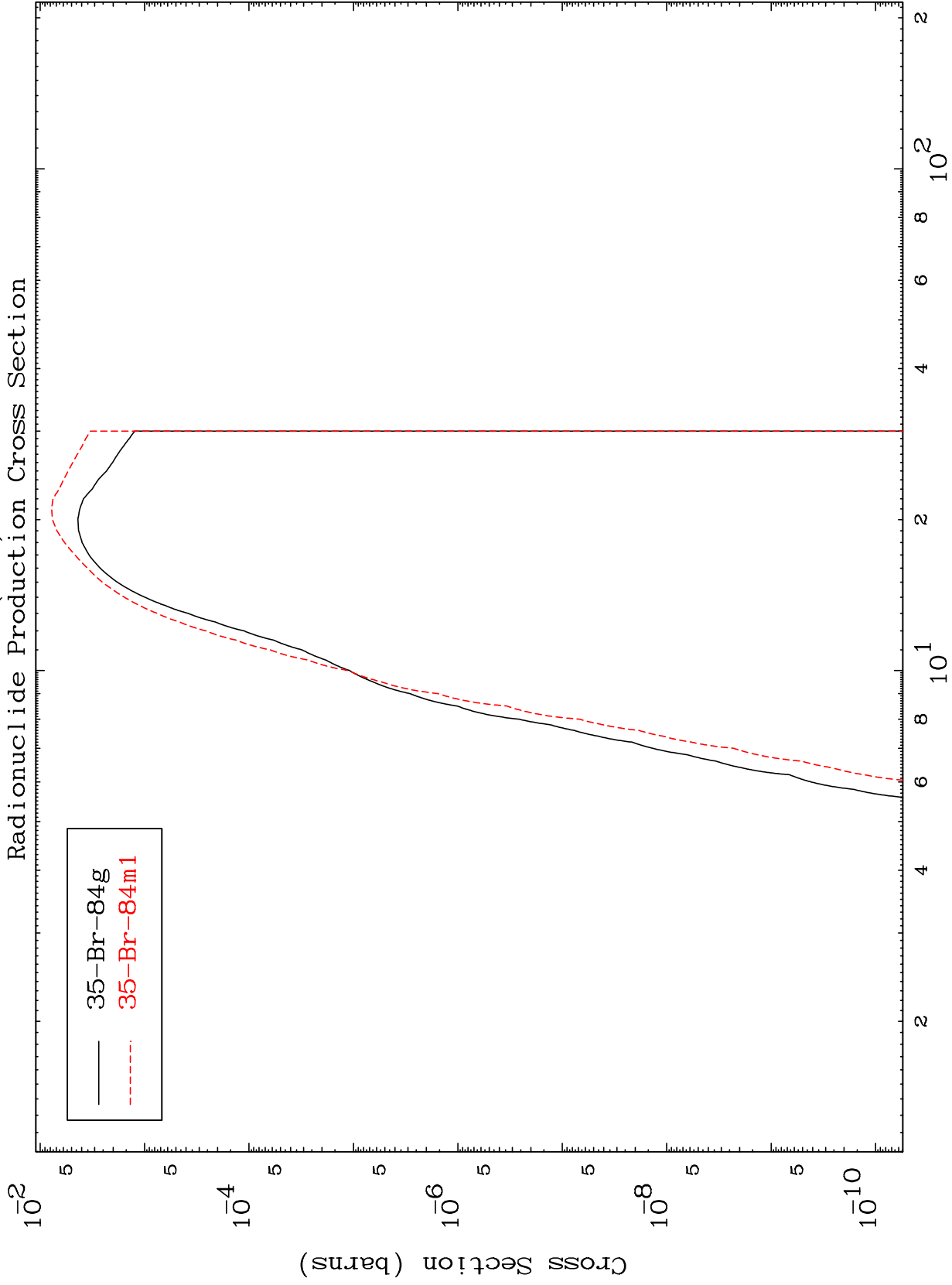
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

Radionuclide Production Cross Section
(n, α)



133

37-Rb-87

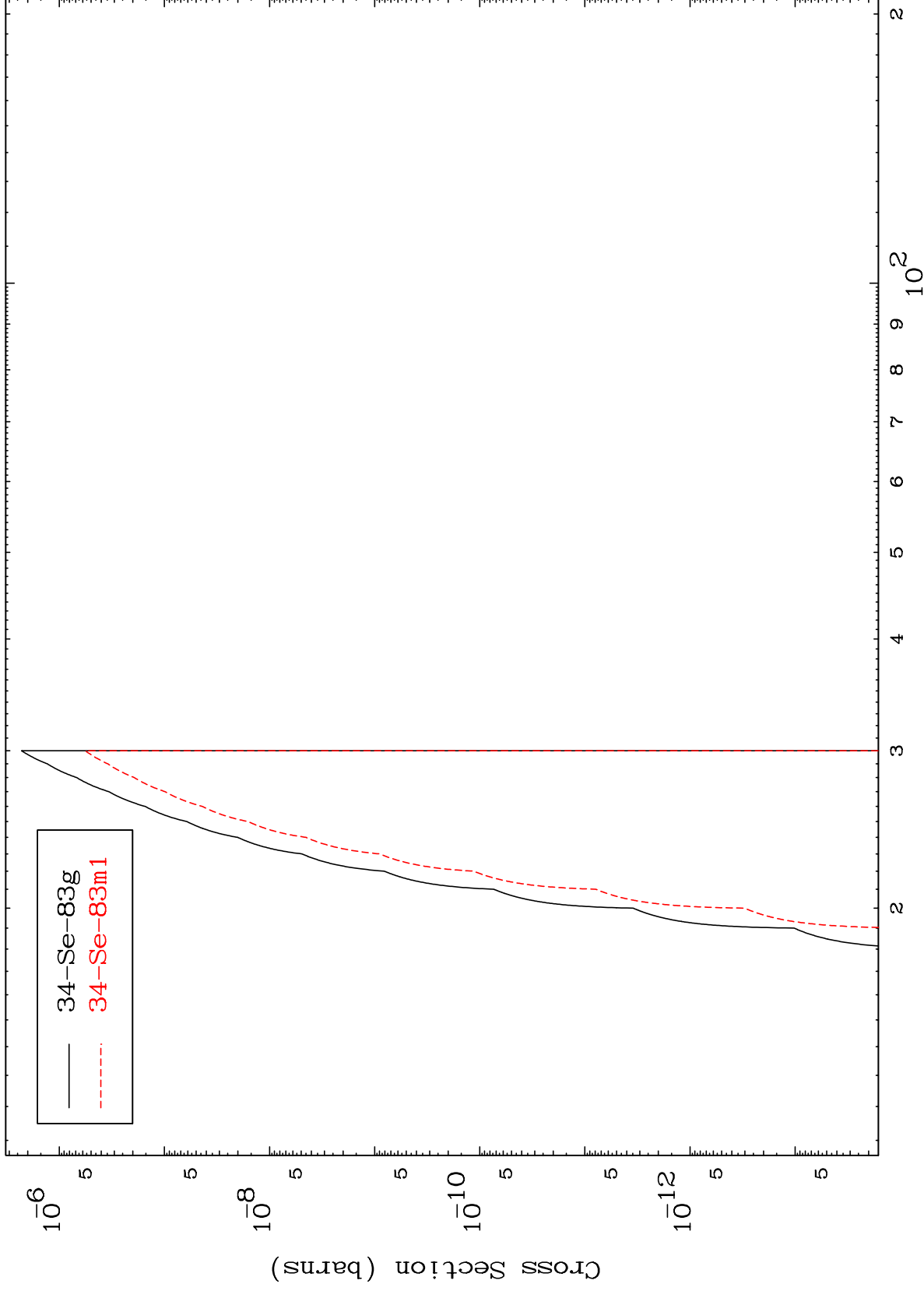
Incident Energy (MeV)

MAT 3731

(n,p) α

37-Rb-87

Radionuclide Production Cross Section



134

Incident Energy (MeV)

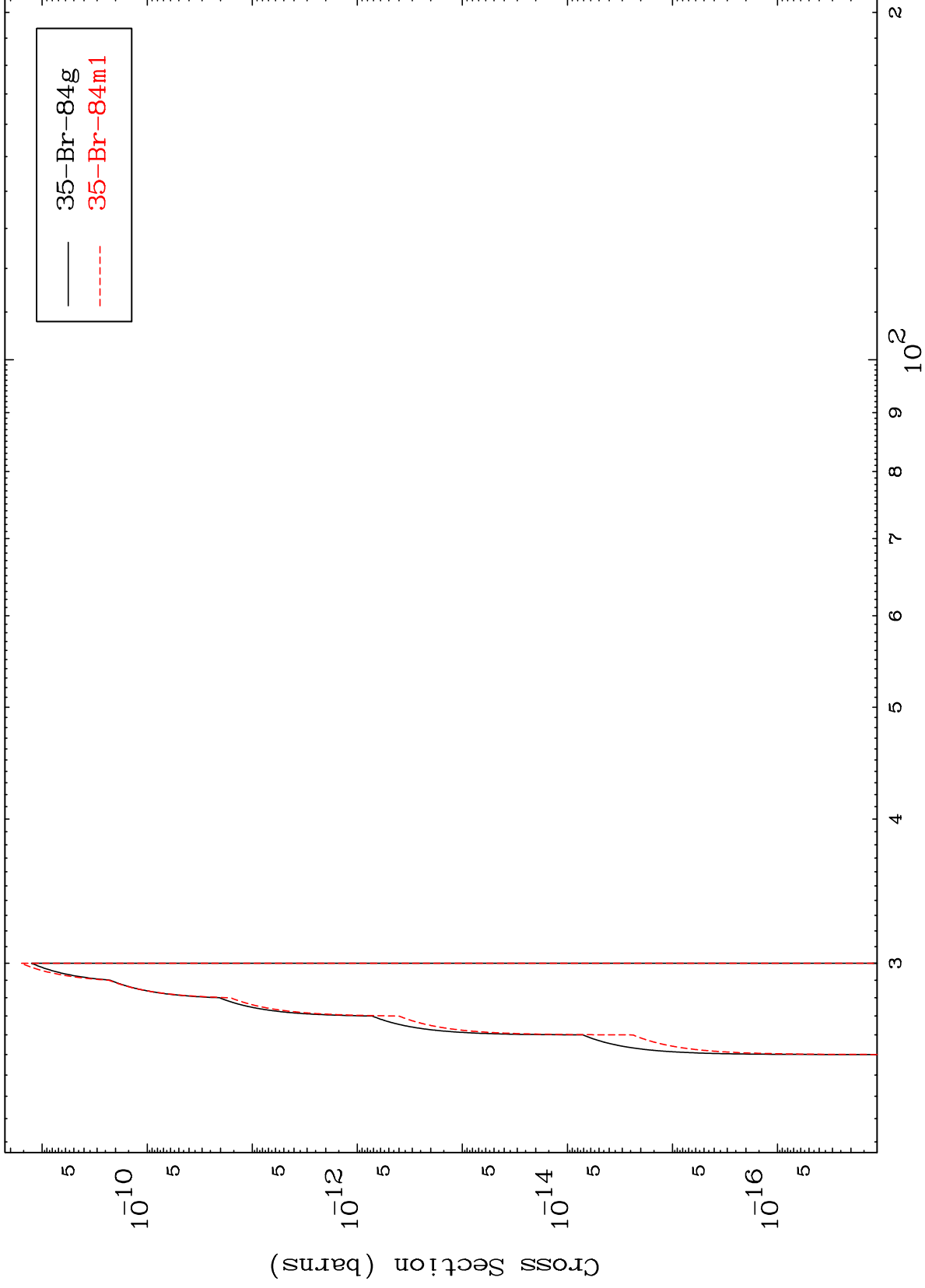
37-Rb-87

MAT 3731

(n,p) t

37-Rb-87

Radionuclide Production Cross Section



135

Incident Energy (MeV)

37-Rb-87