

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

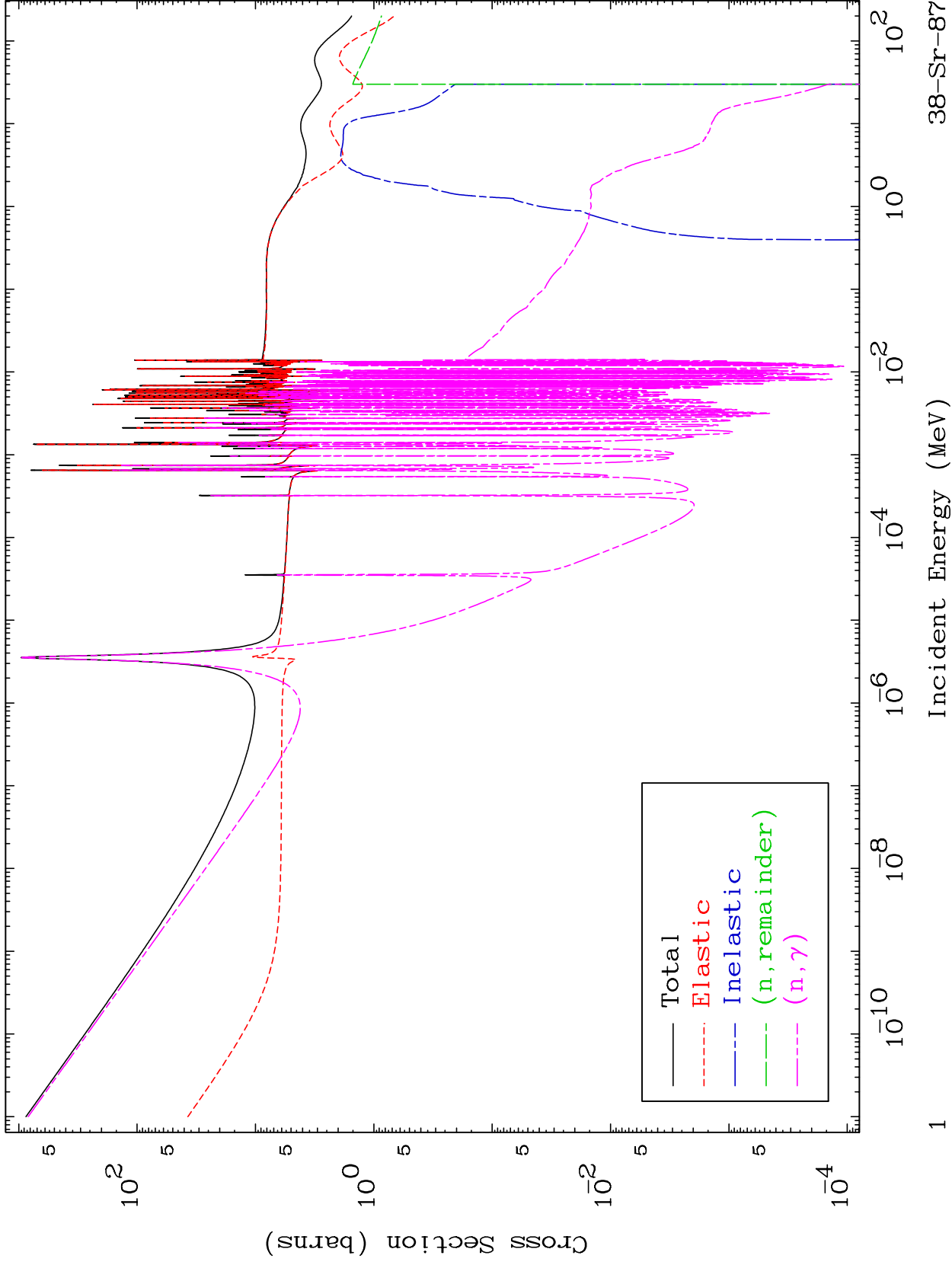
Web:redcullen1.net/HOMEPAGE.NEW

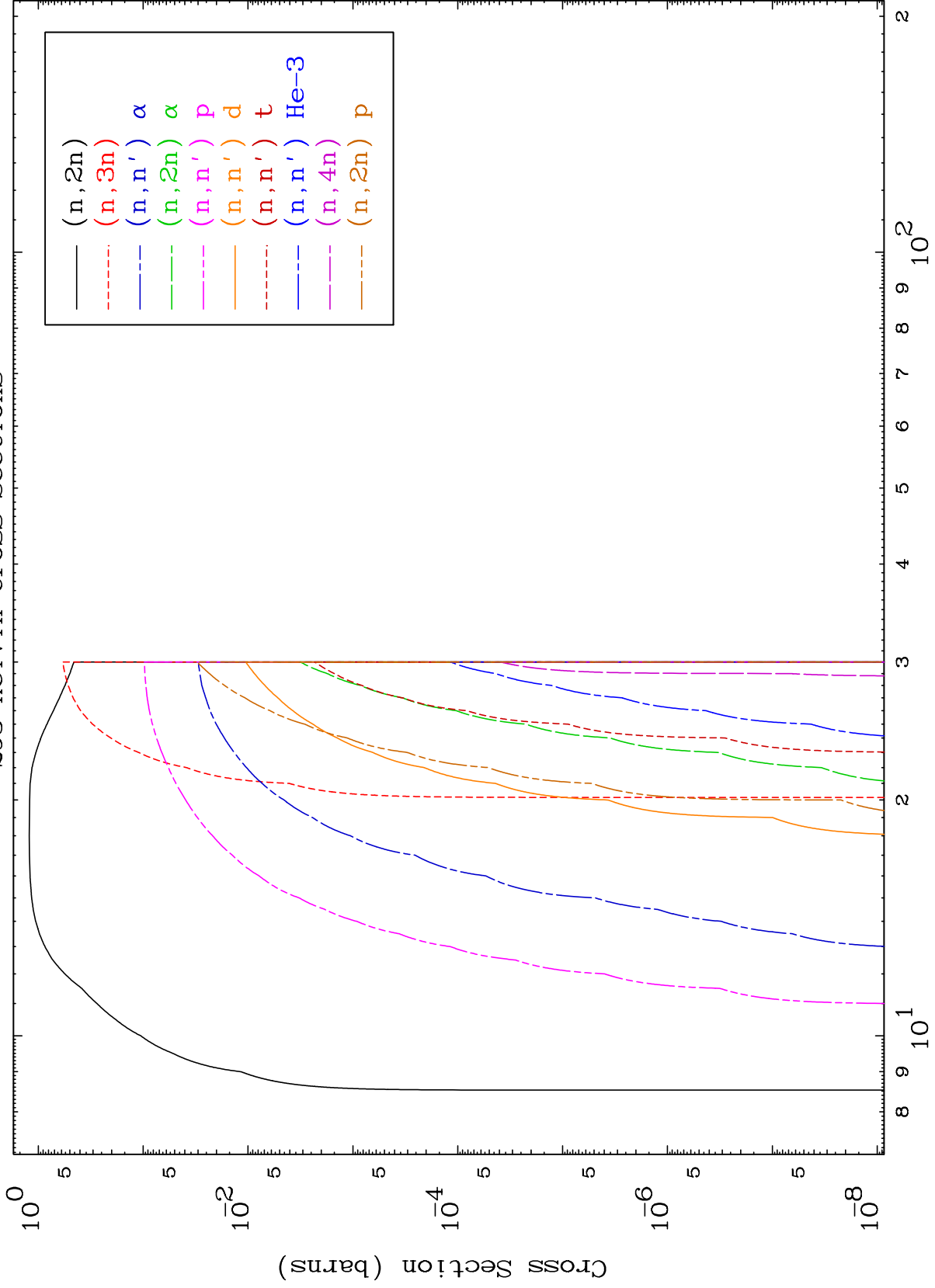
Press Mouse Button to Start

MAT 3834

Major
293 Kelvin Cross Sections

38-Sr-87

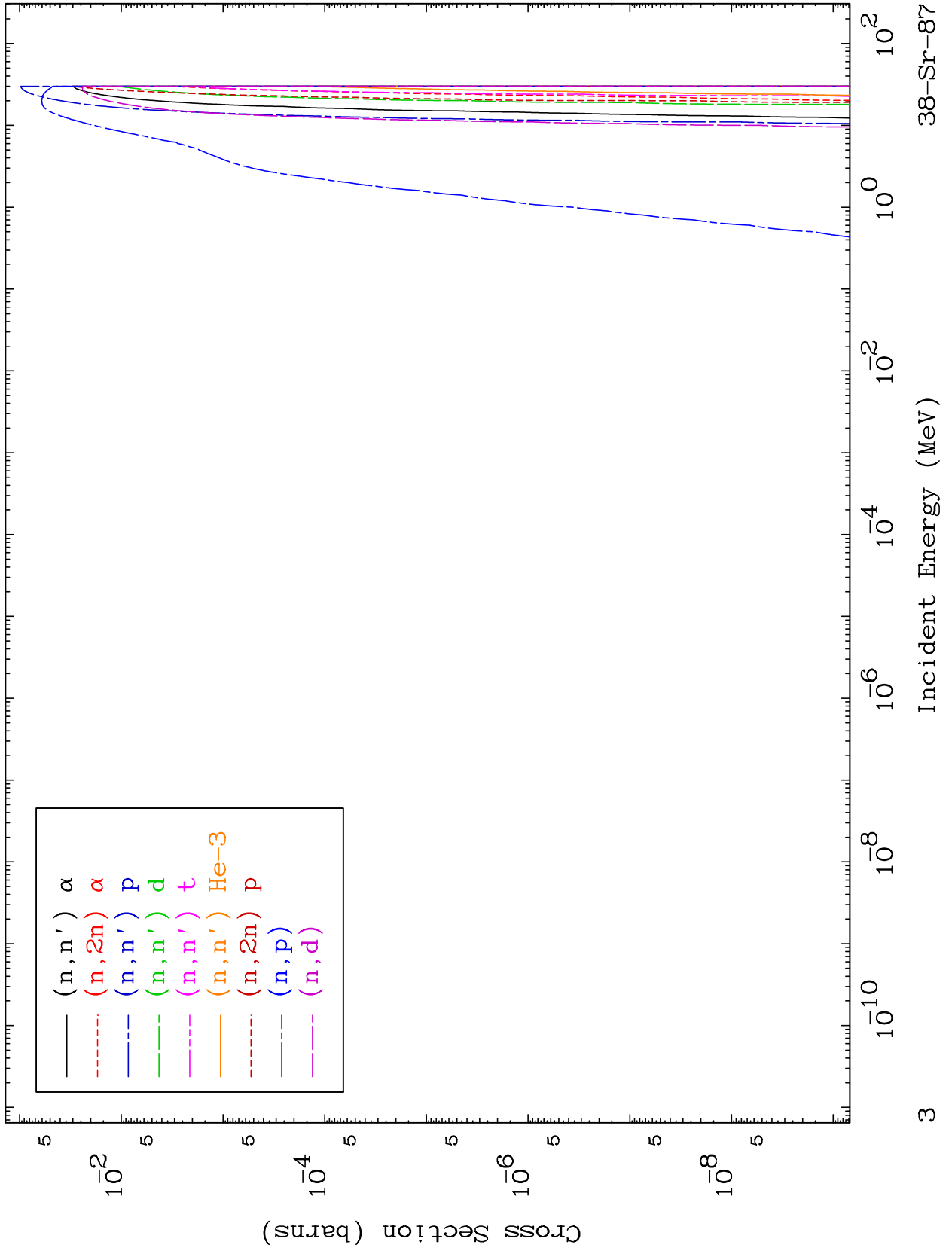




MAT 3834

Charged Particle
293 Kelvin Cross Sections

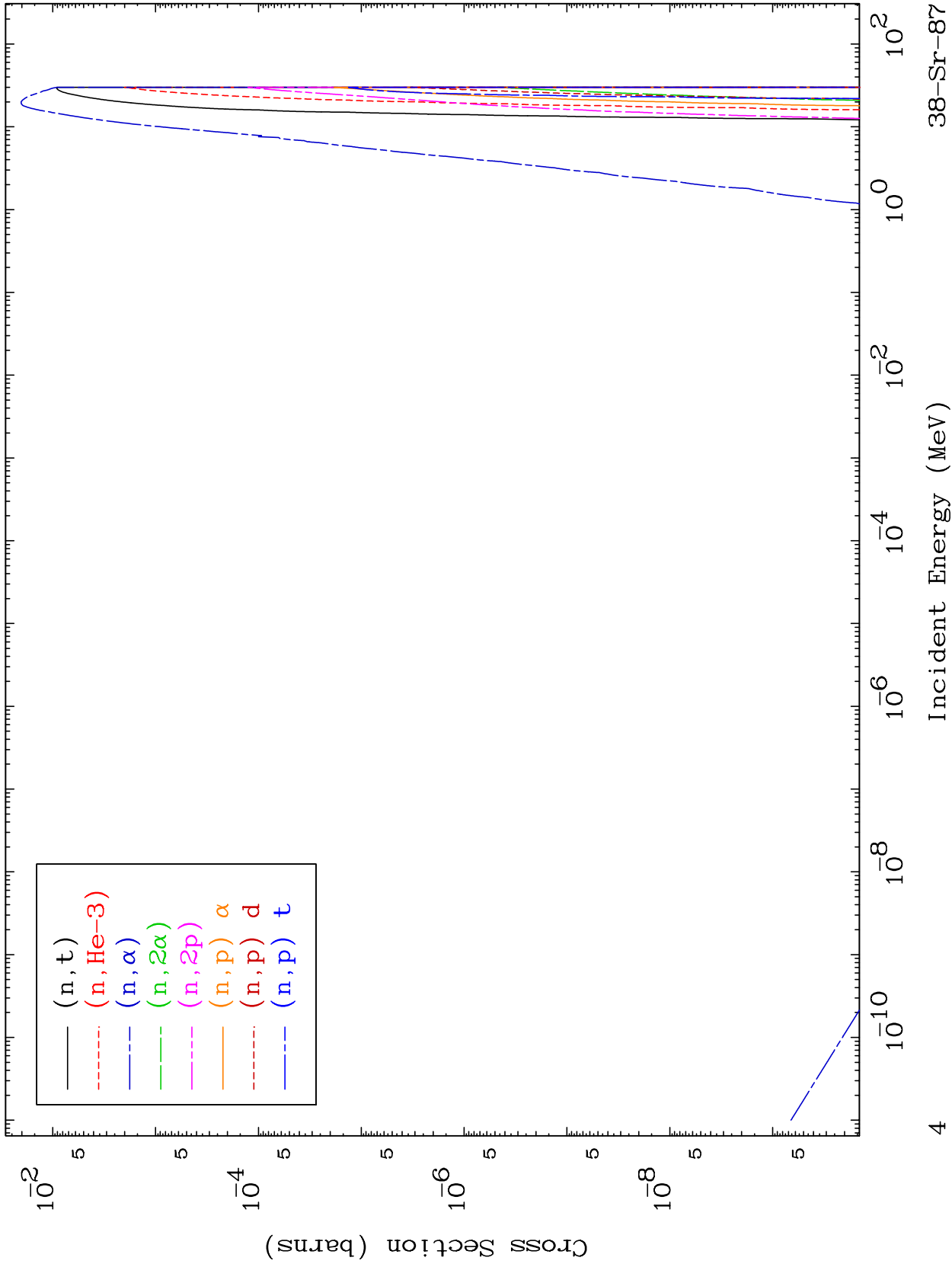
38-Sr-87



MAT 3834

Charged Particle
293 Kelvin Cross Sections

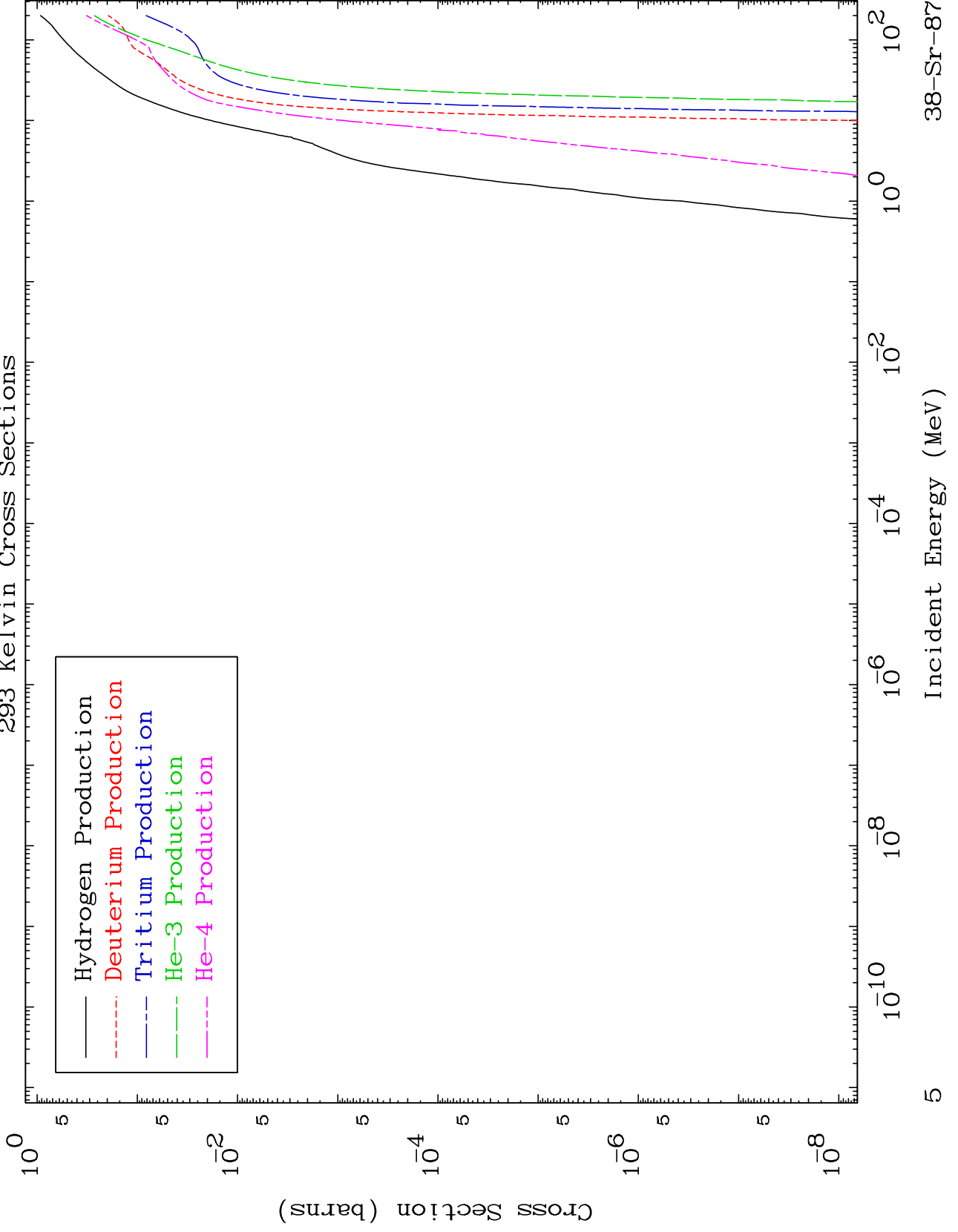
38-Sr-87



MAT 3834

Particle Production
293 Kelvin Cross Sections

38-Sr-87

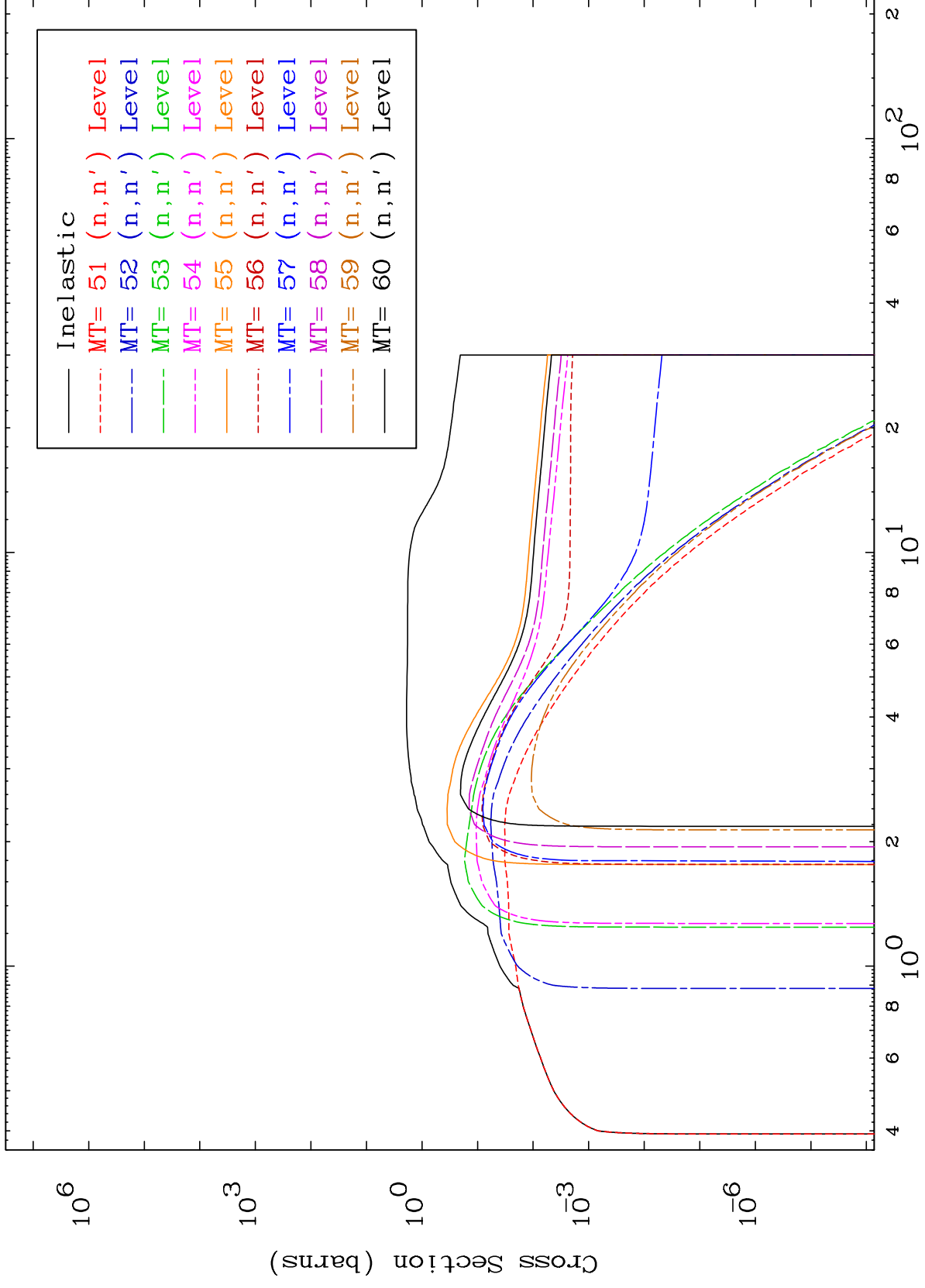


MAT 3834

(n,n') Level

38-Sr-87

293 Kelvin Cross Sections



6

Incident Energy (MeV)

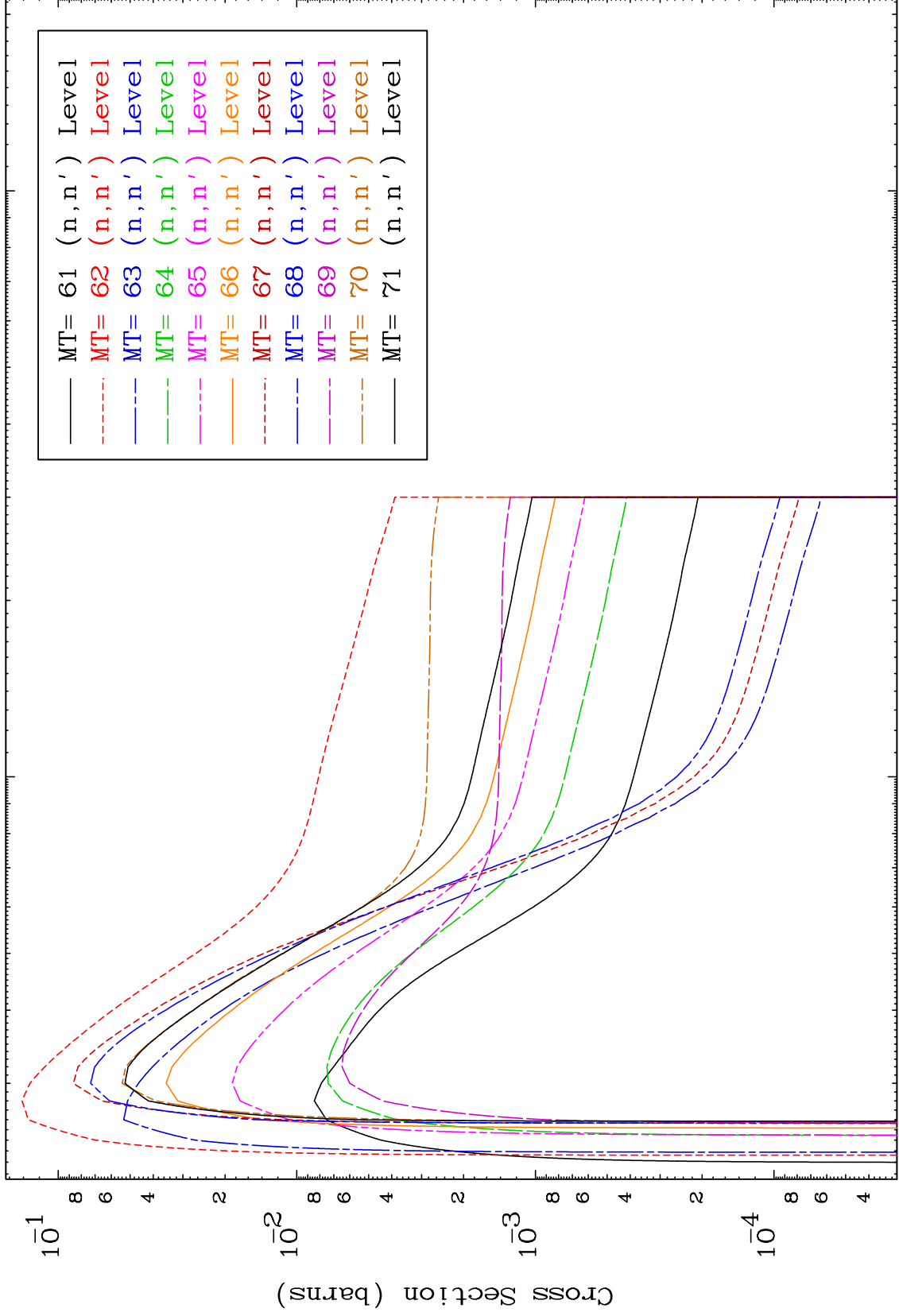
38-Sr-87

MAT 3834

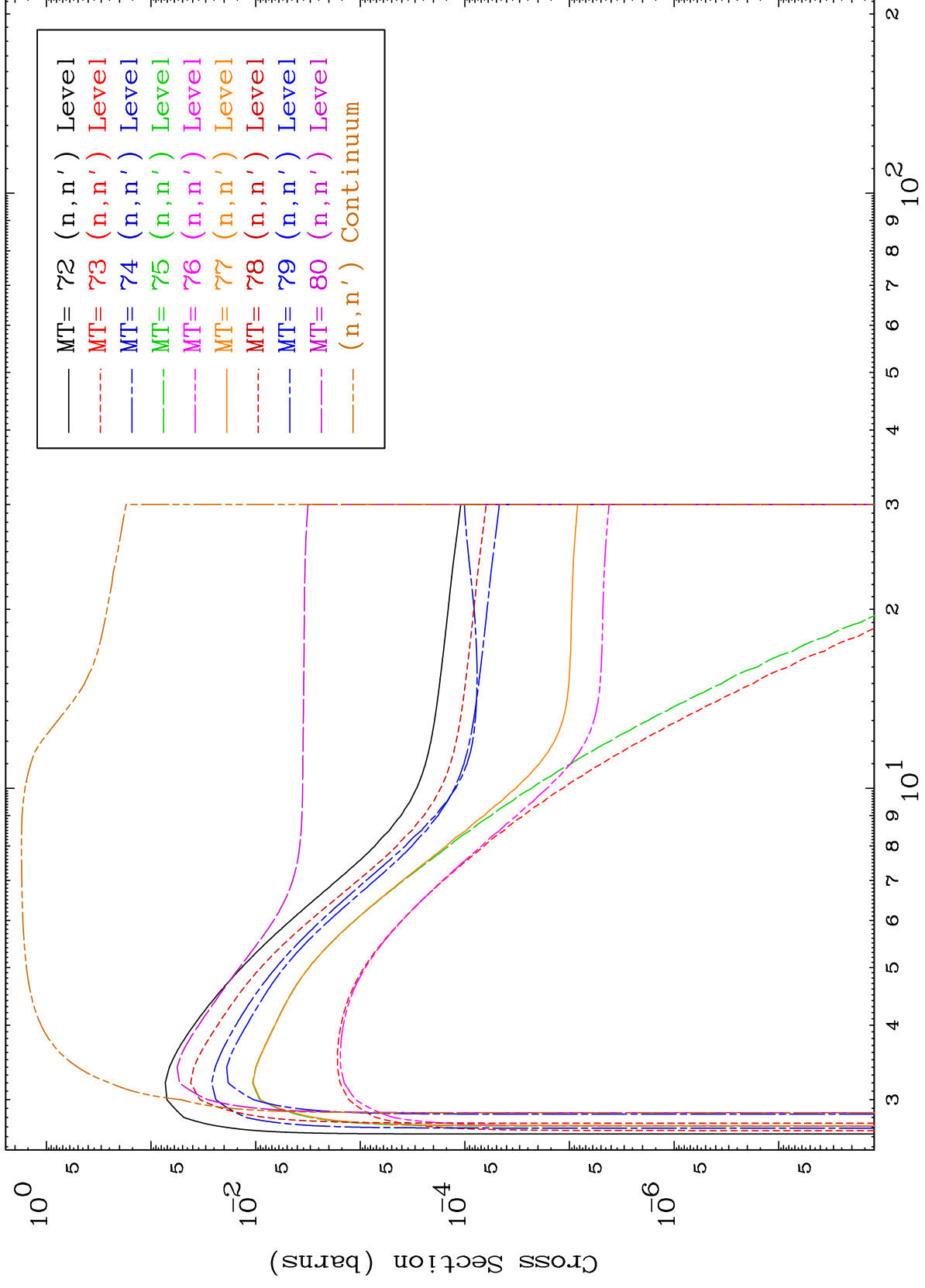
(n,n') Level

38-Sr-87

293 Kelvin Cross Sections



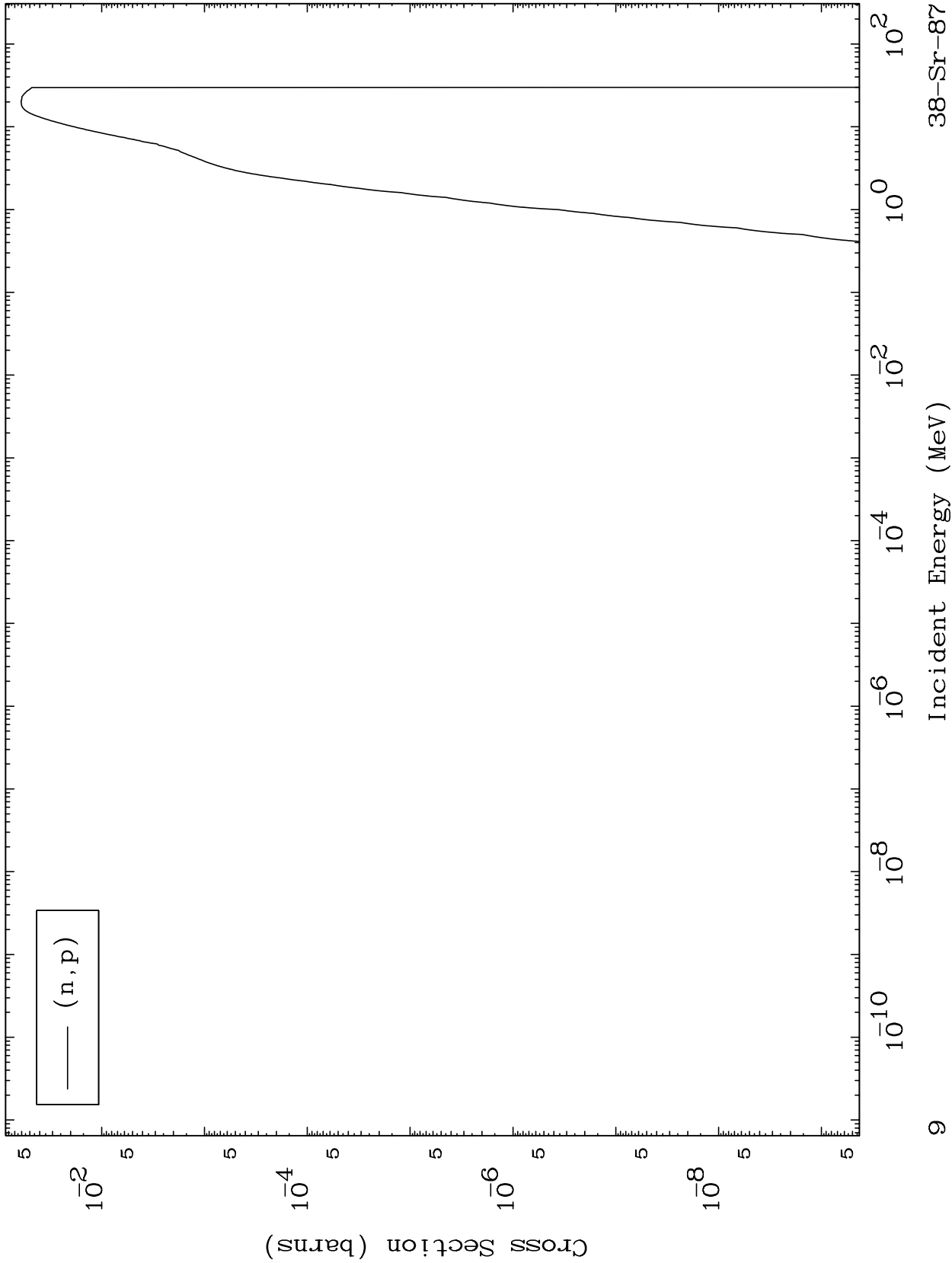
293 Kelvin Cross Sections



MAT 3834

(n,p) Levels
293 Kelvin Cross Sections

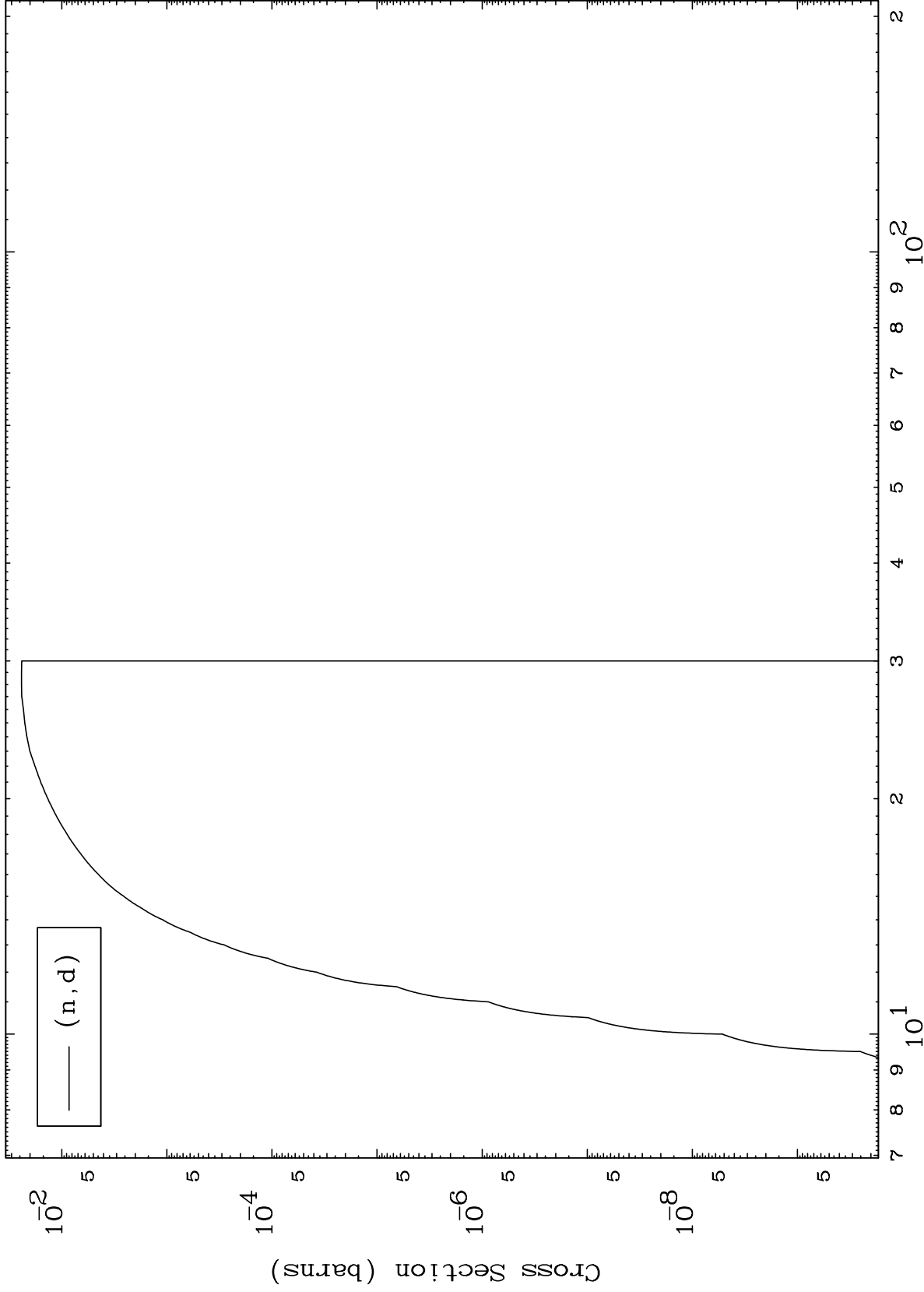
38-Sr-87



MAT 3834

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-87



10

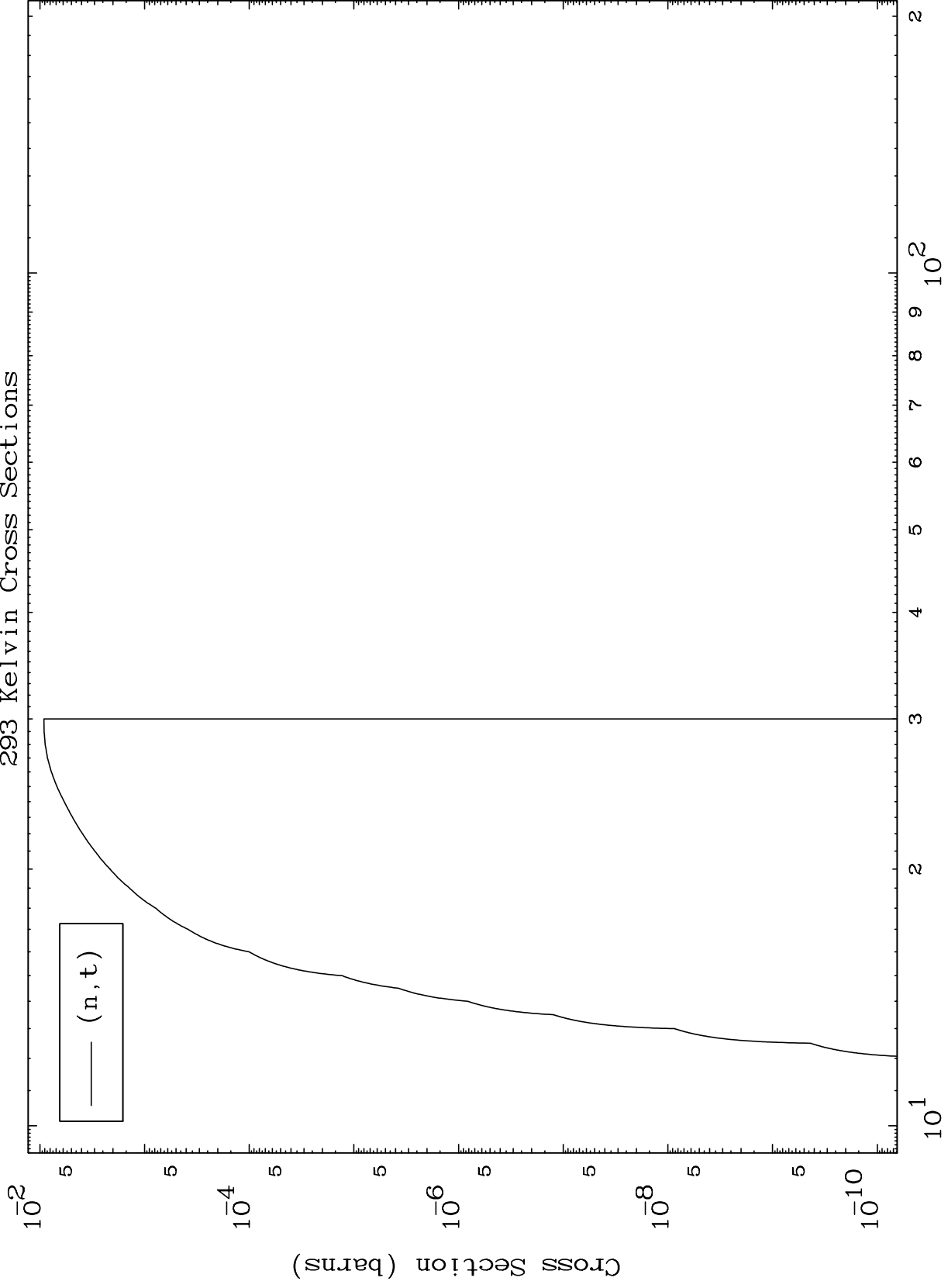
Incident Energy (MeV)

38-Sr-87

MAT 3834

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-87



11

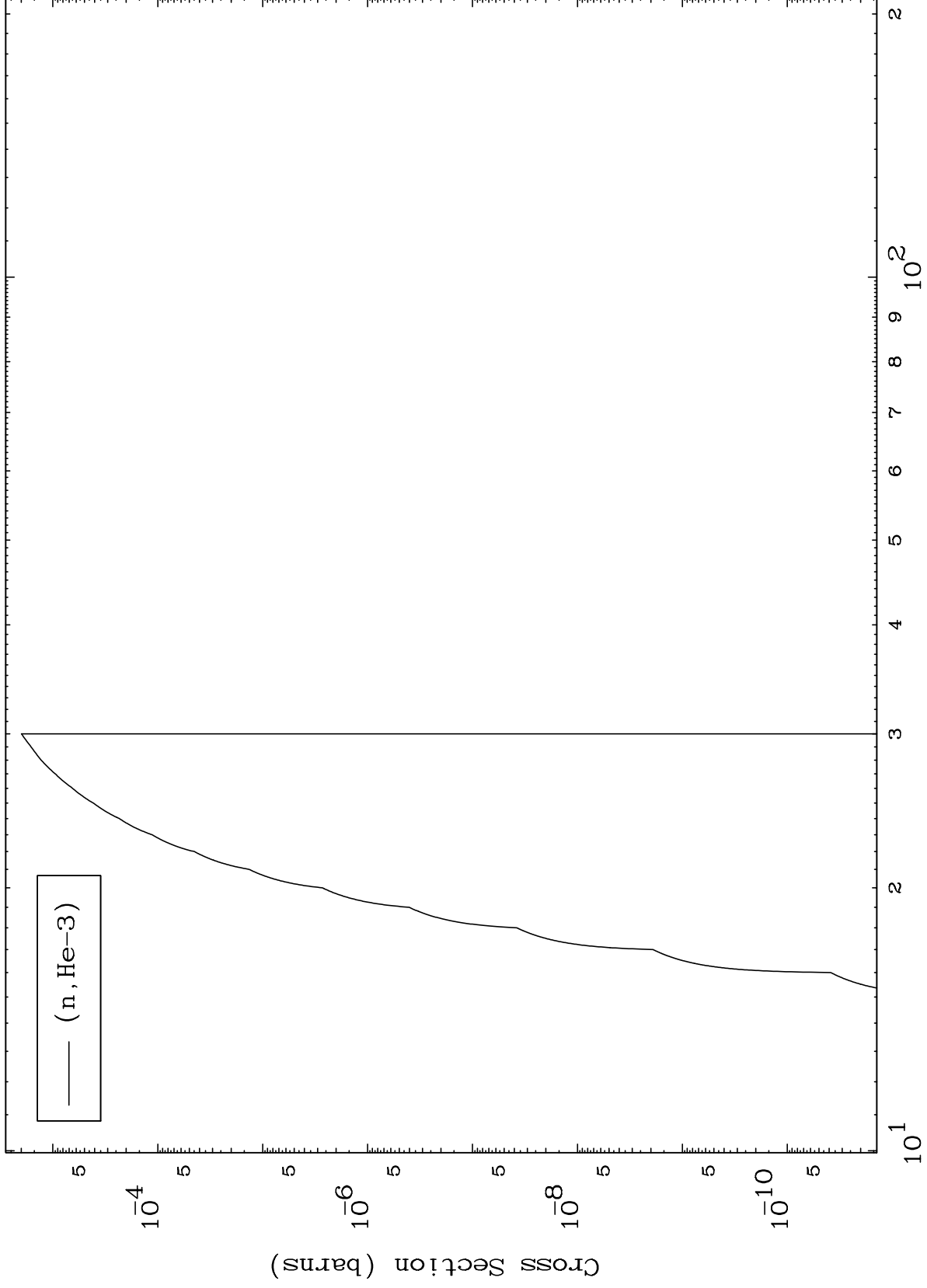
Incident Energy (MeV)

38-Sr-87

MAT 3834

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-87



12

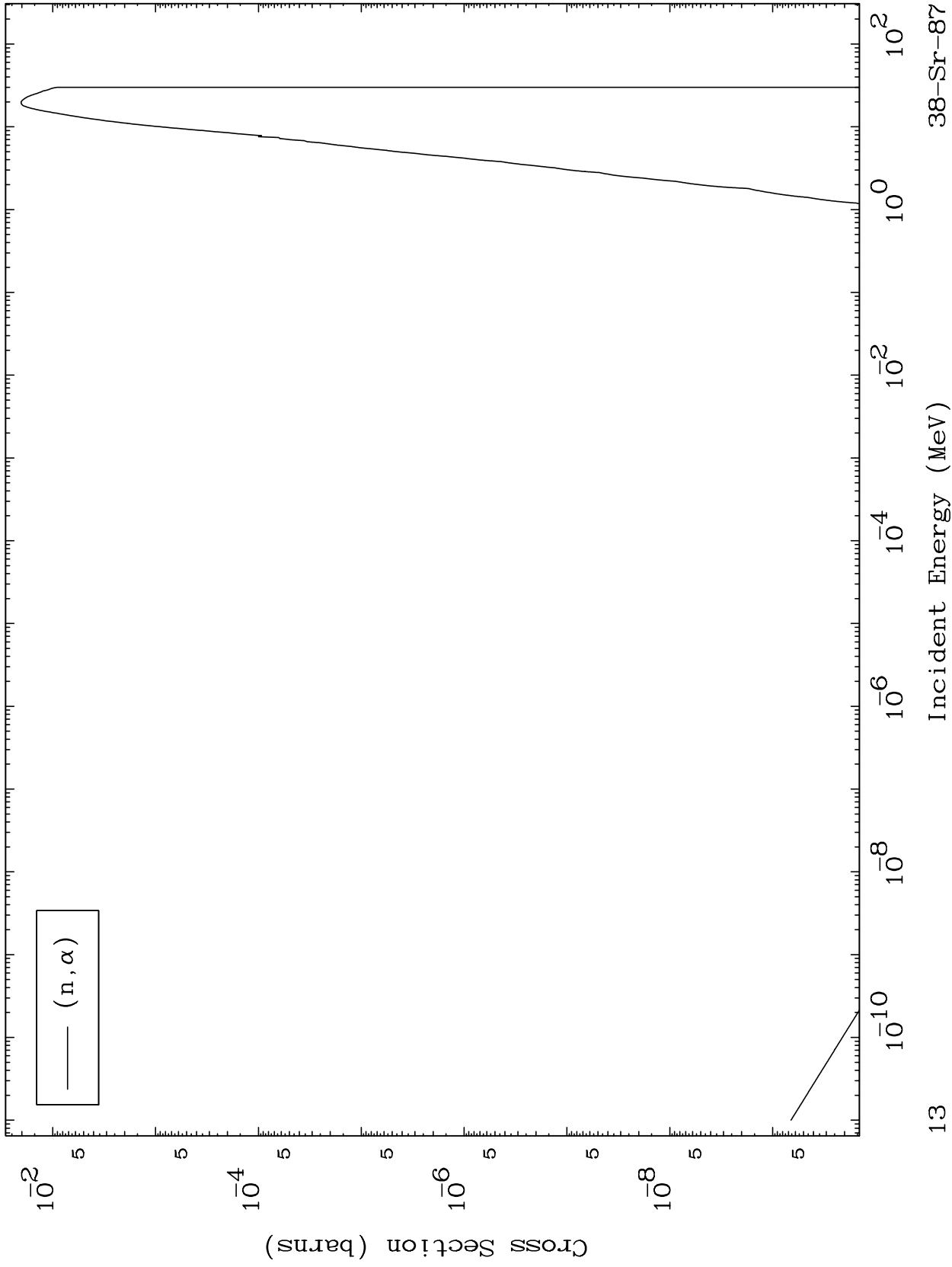
Incident Energy (MeV)

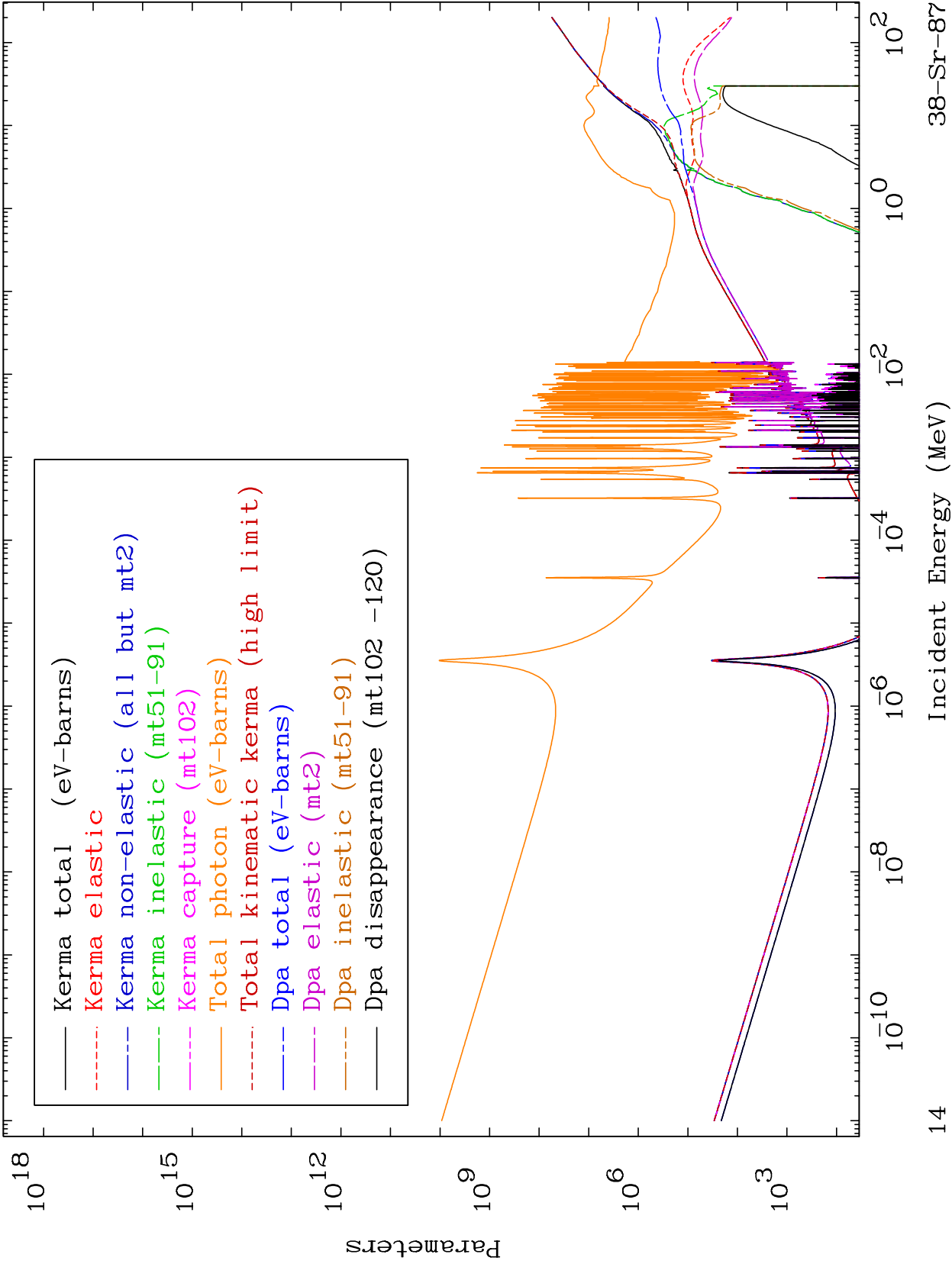
38-Sr-87

MAT 3834

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-87

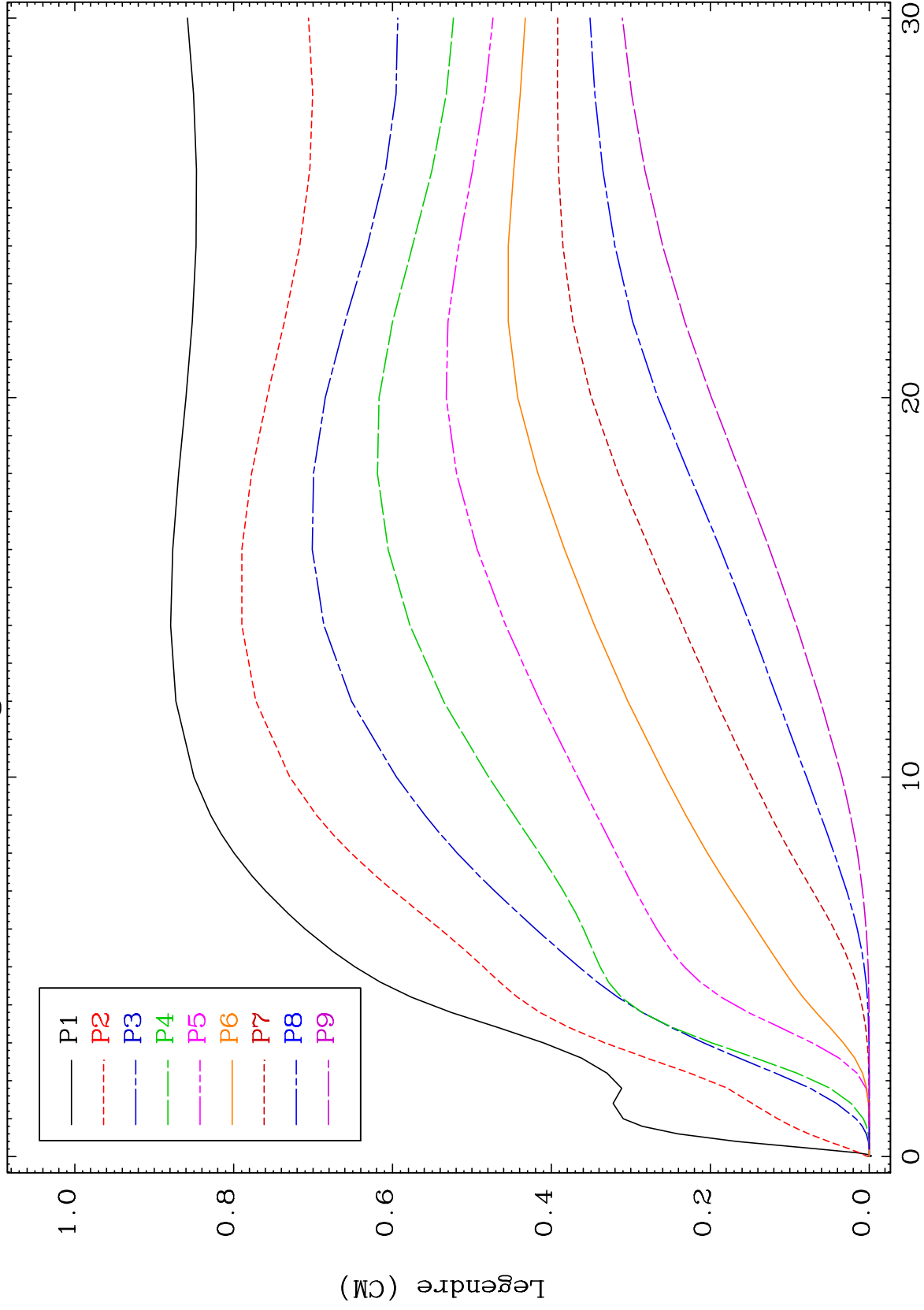




MAT 3834

Elastic Legendre Coefficients

³⁸Sr-87



15

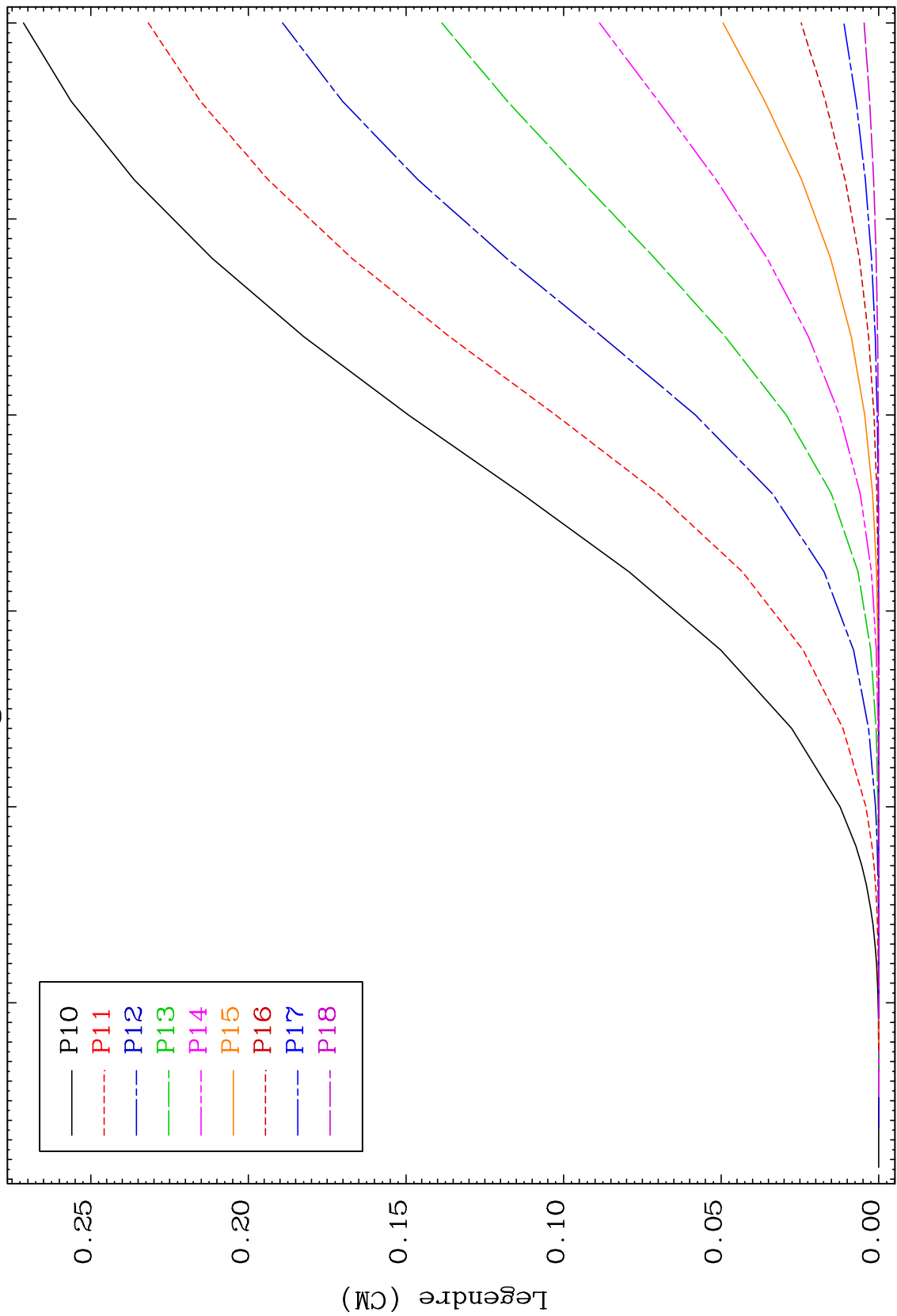
Incident Energy (MeV)

³⁸Sr-87

MAT 3834

Elastic Legendre Coefficients

38-Sr-87



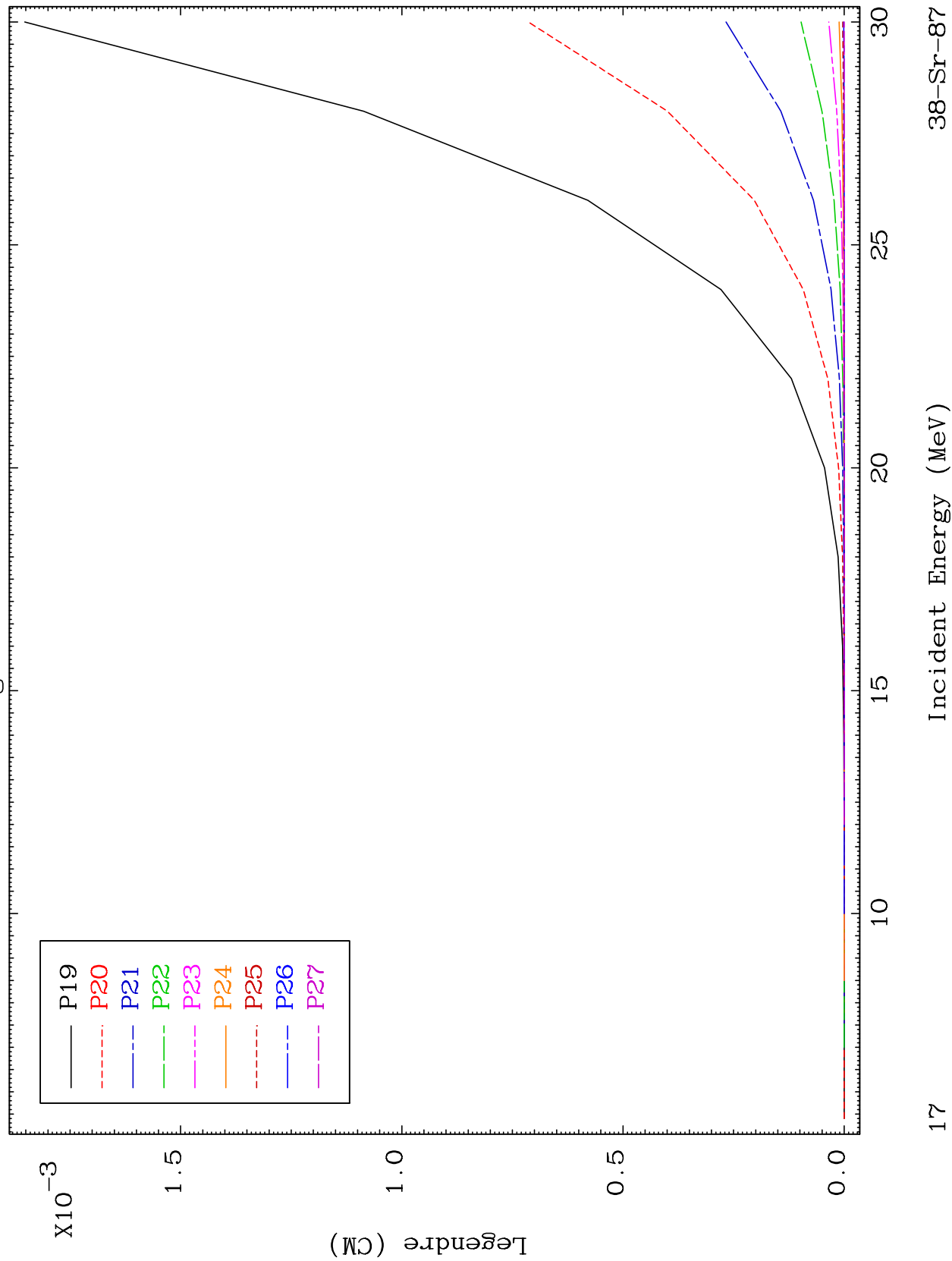
16

38-Sr-87

MAT 3834

Elastic Legendre Coefficients

38-Sr-87



17

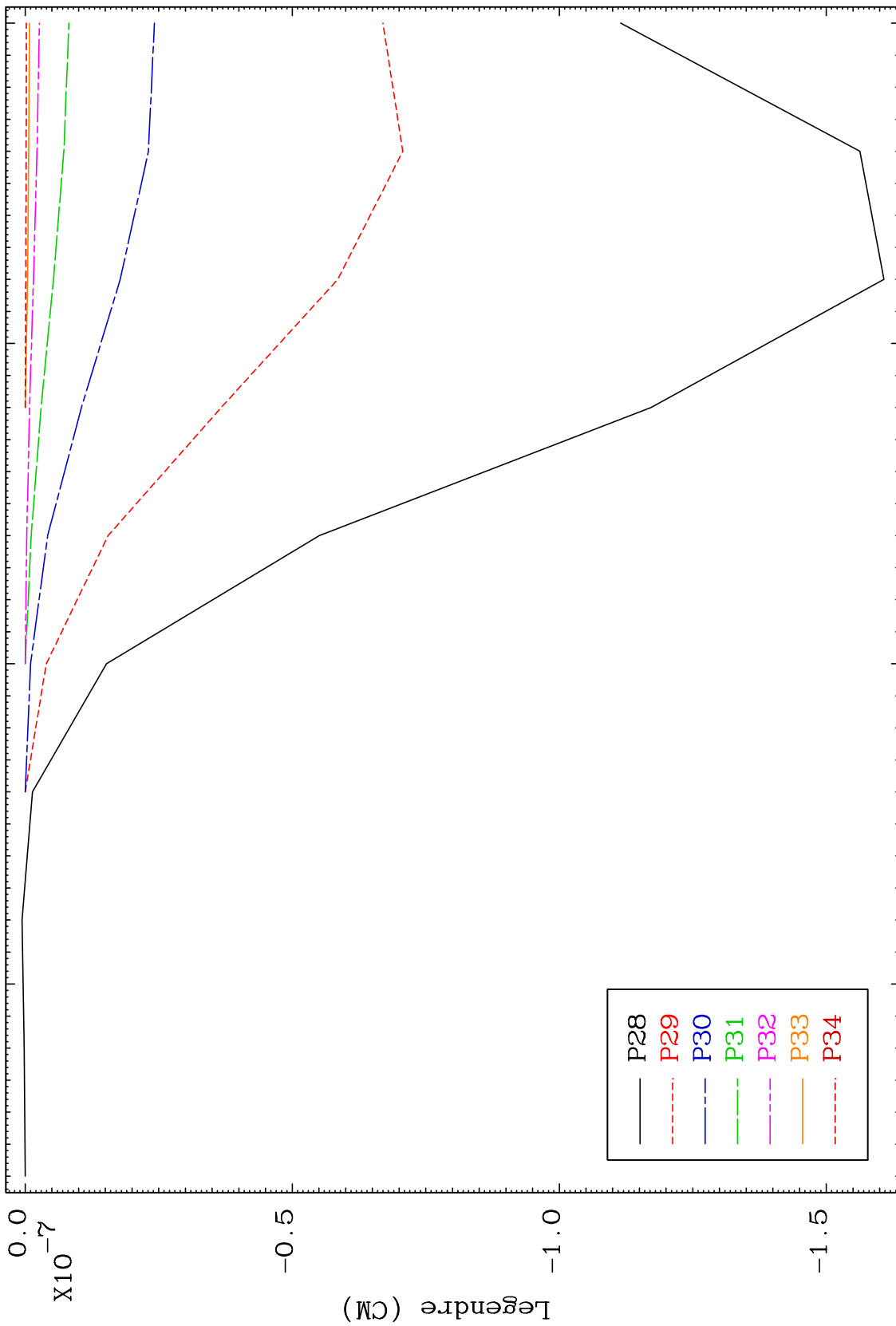
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

Elastic Legendre Coefficients



18

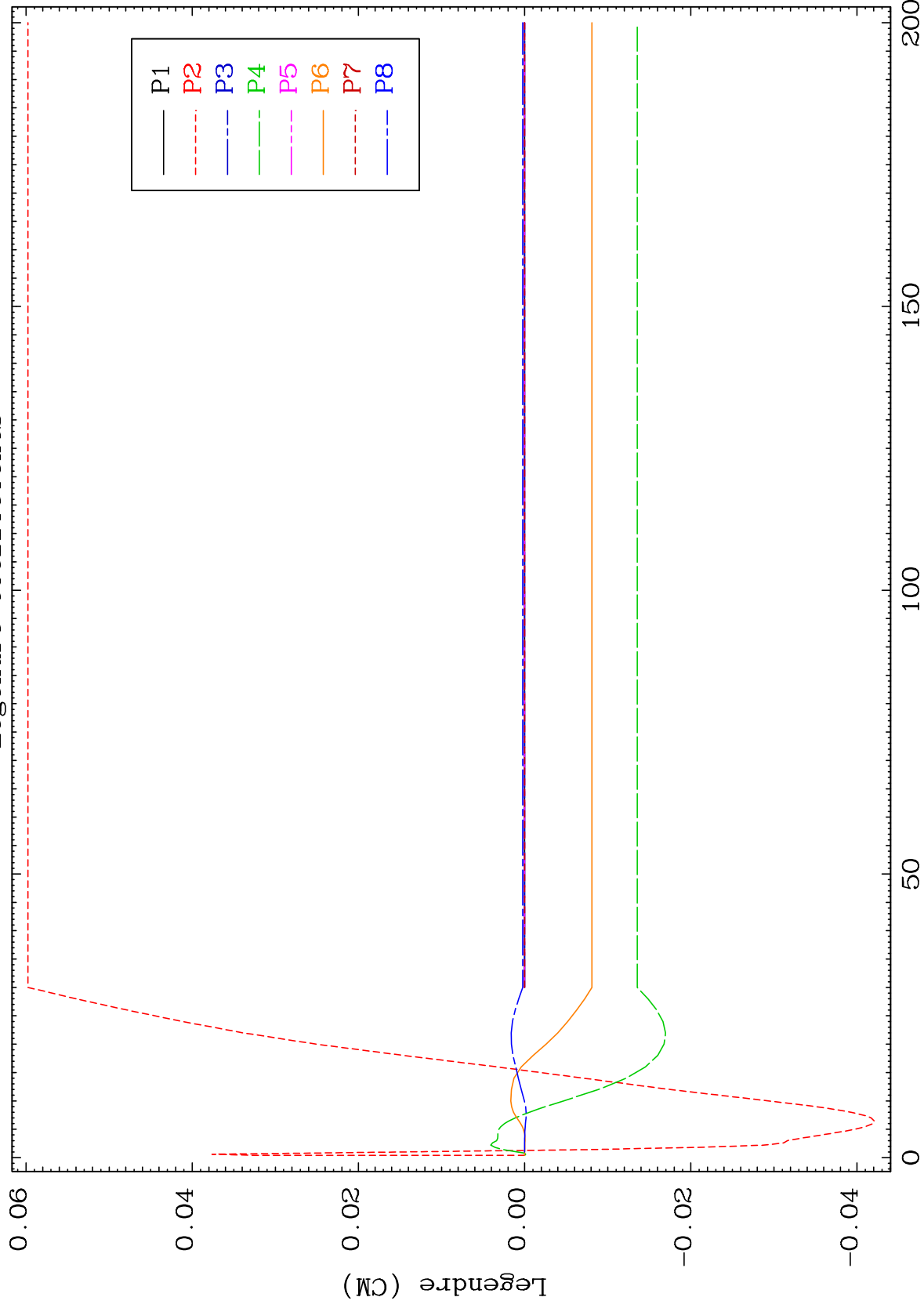
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



19

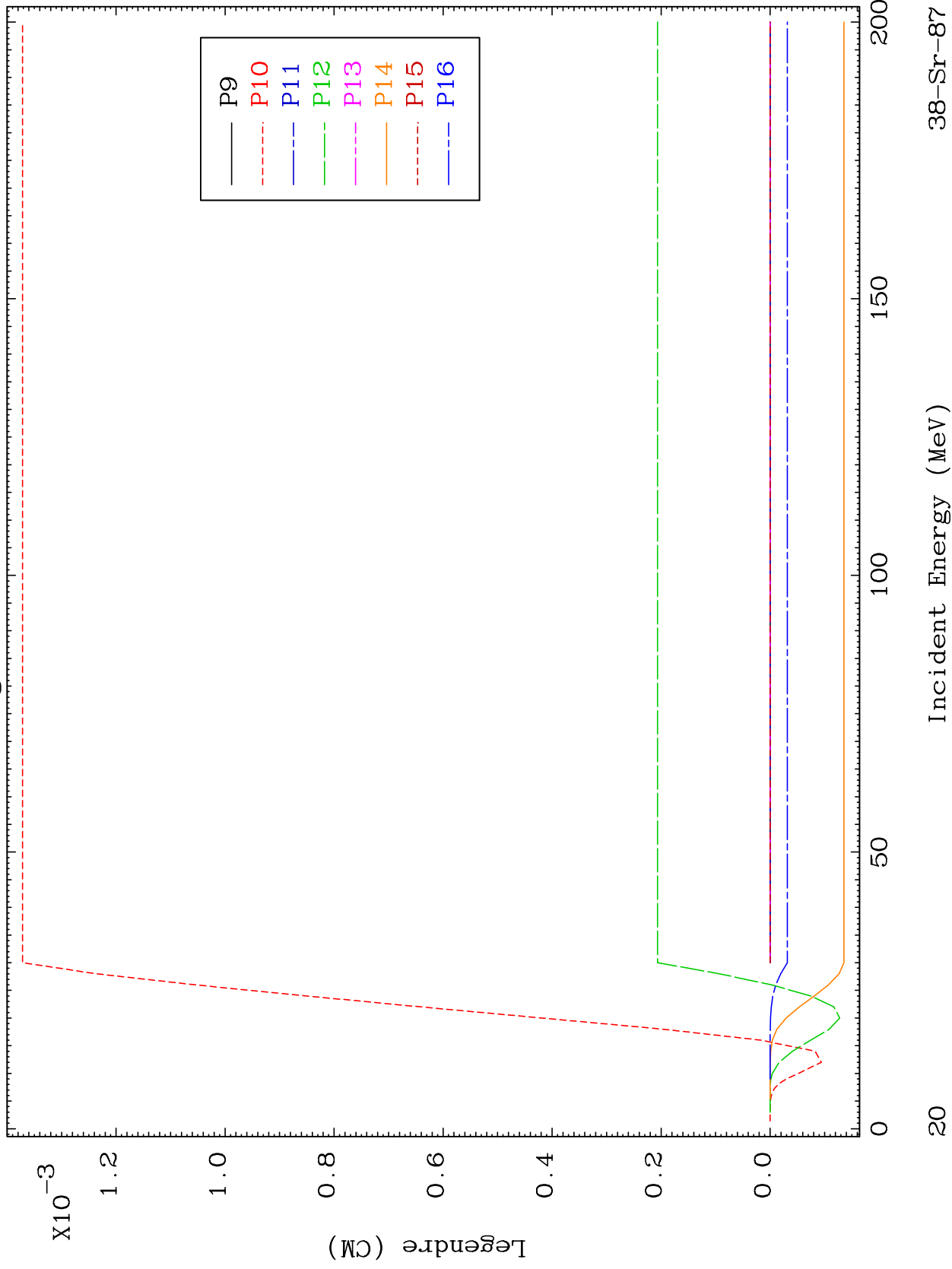
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87

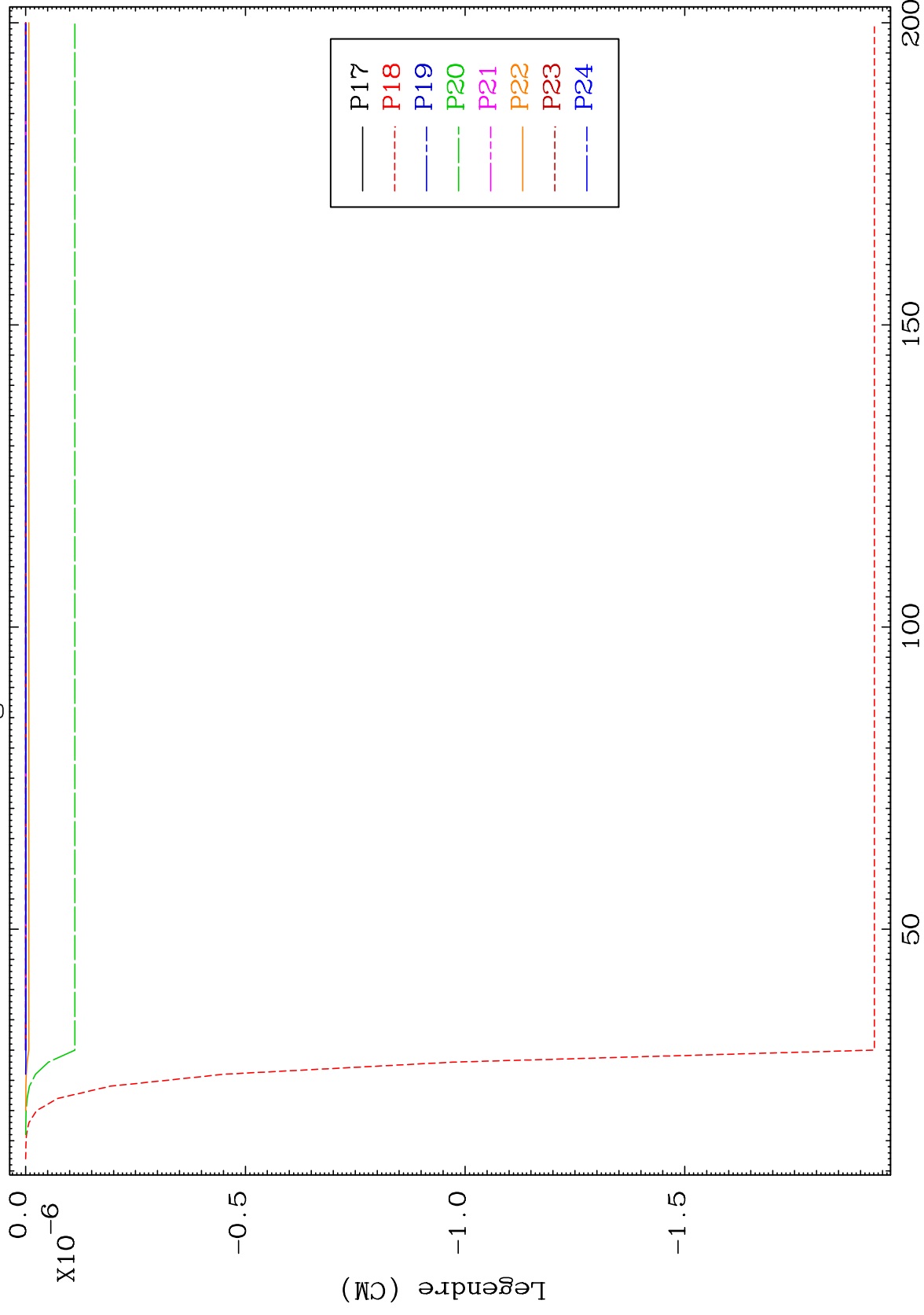


38-Sr-87

MAT 3834

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

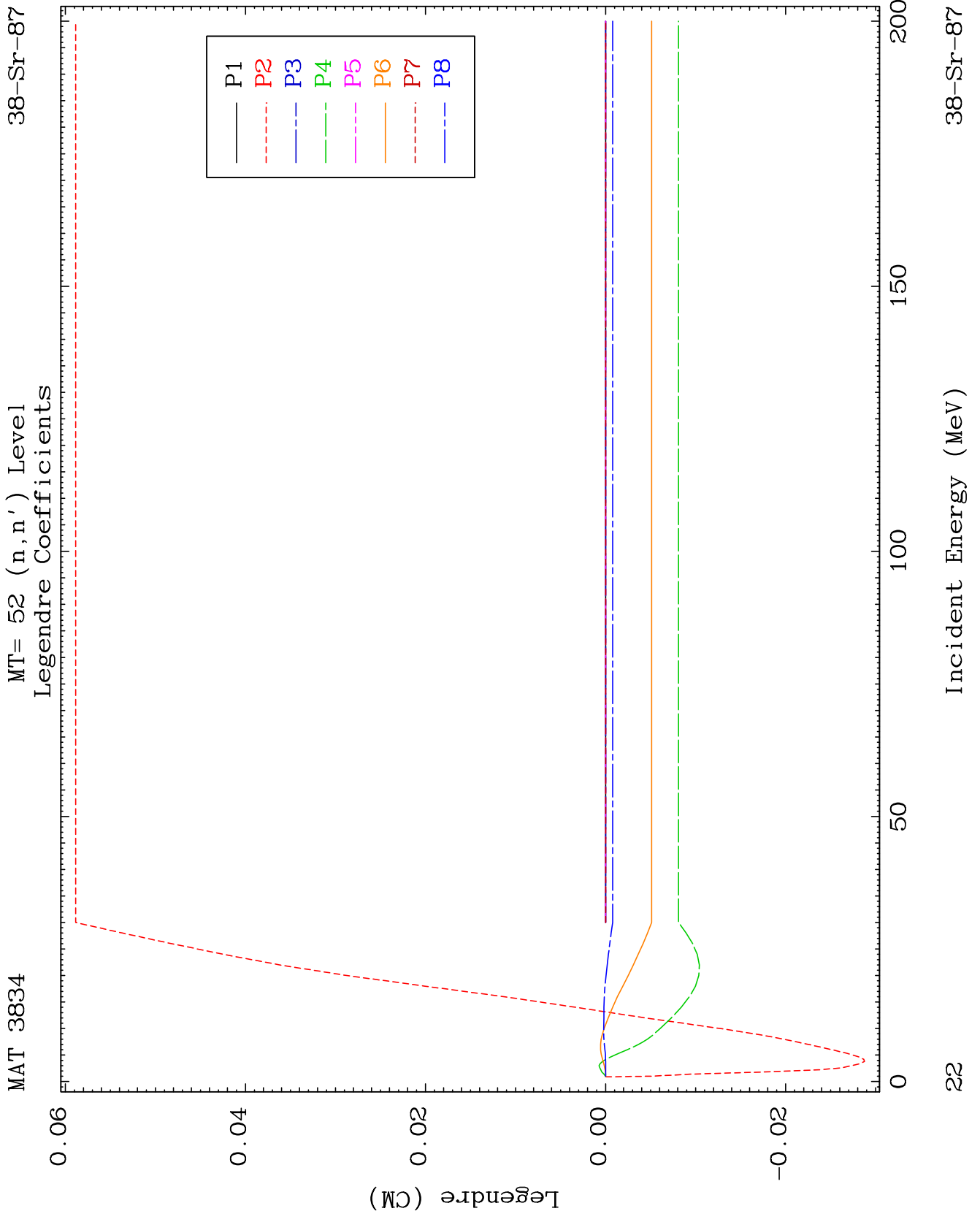
38-Sr-87



38-Sr-87

Incident Energy (MeV)

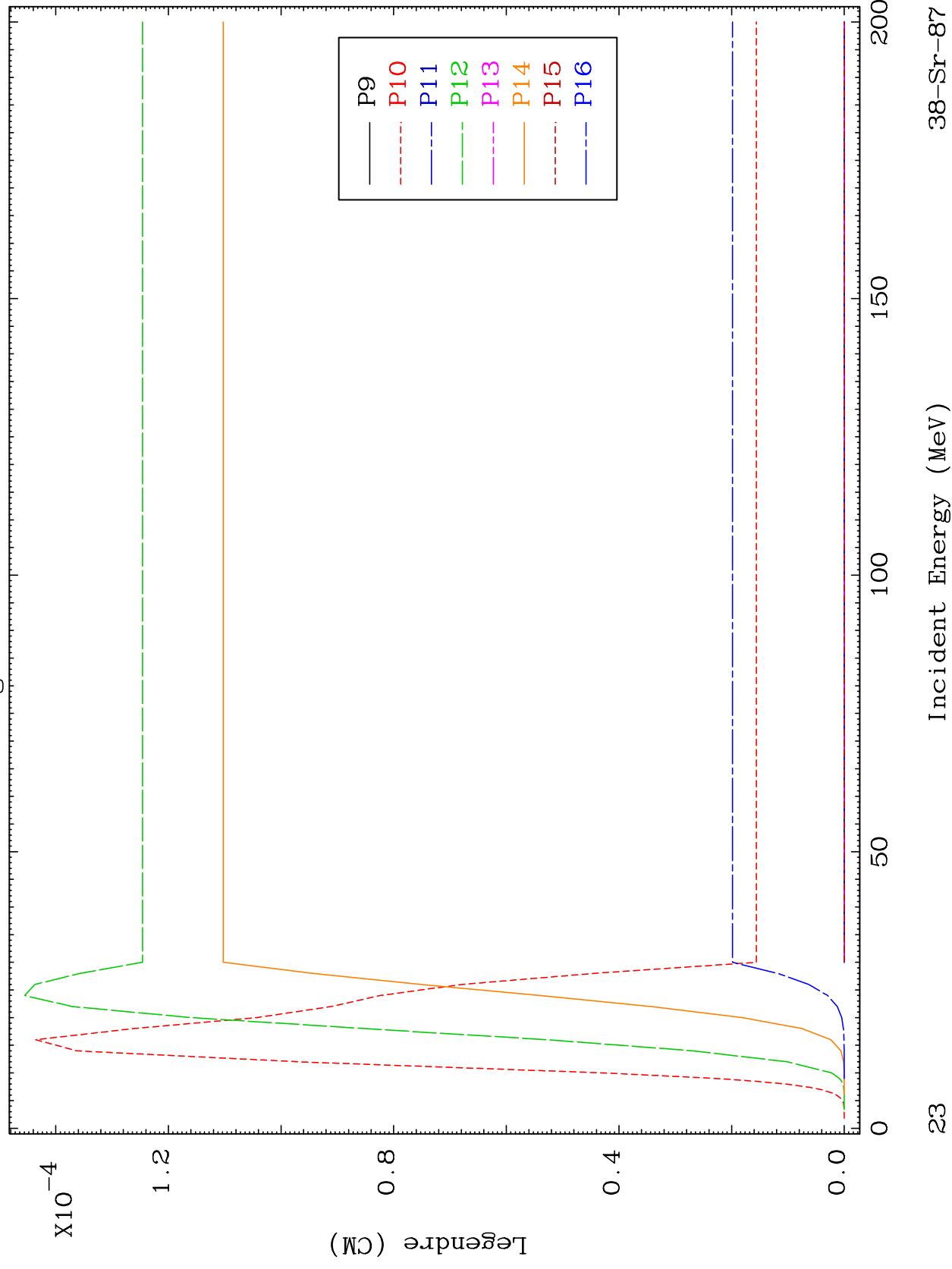
21



MAT 3834

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

38-Sr-87



38-Sr-87

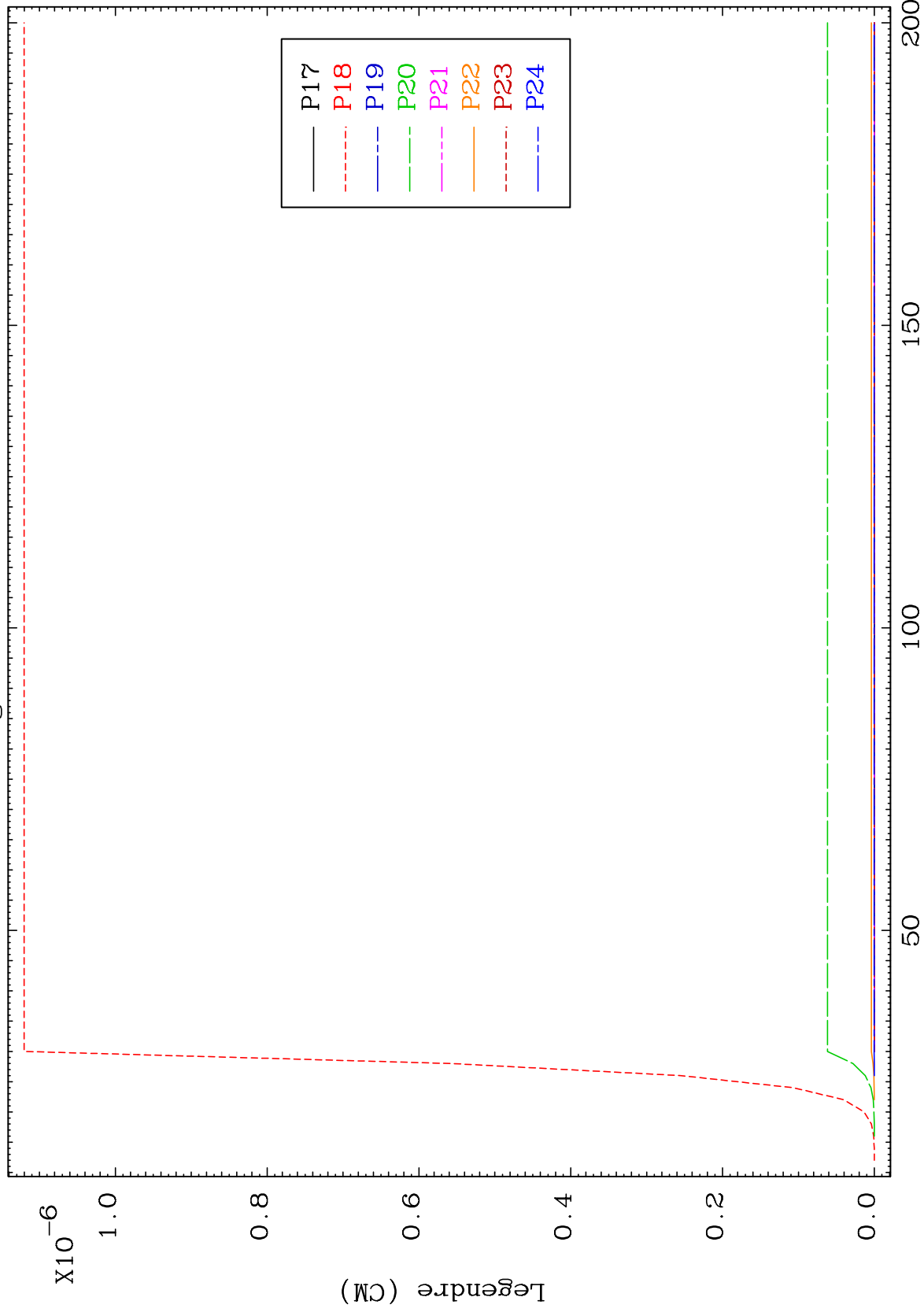
Incident Energy (MeV)

23

MAT 3834

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

38-Sr-87



24

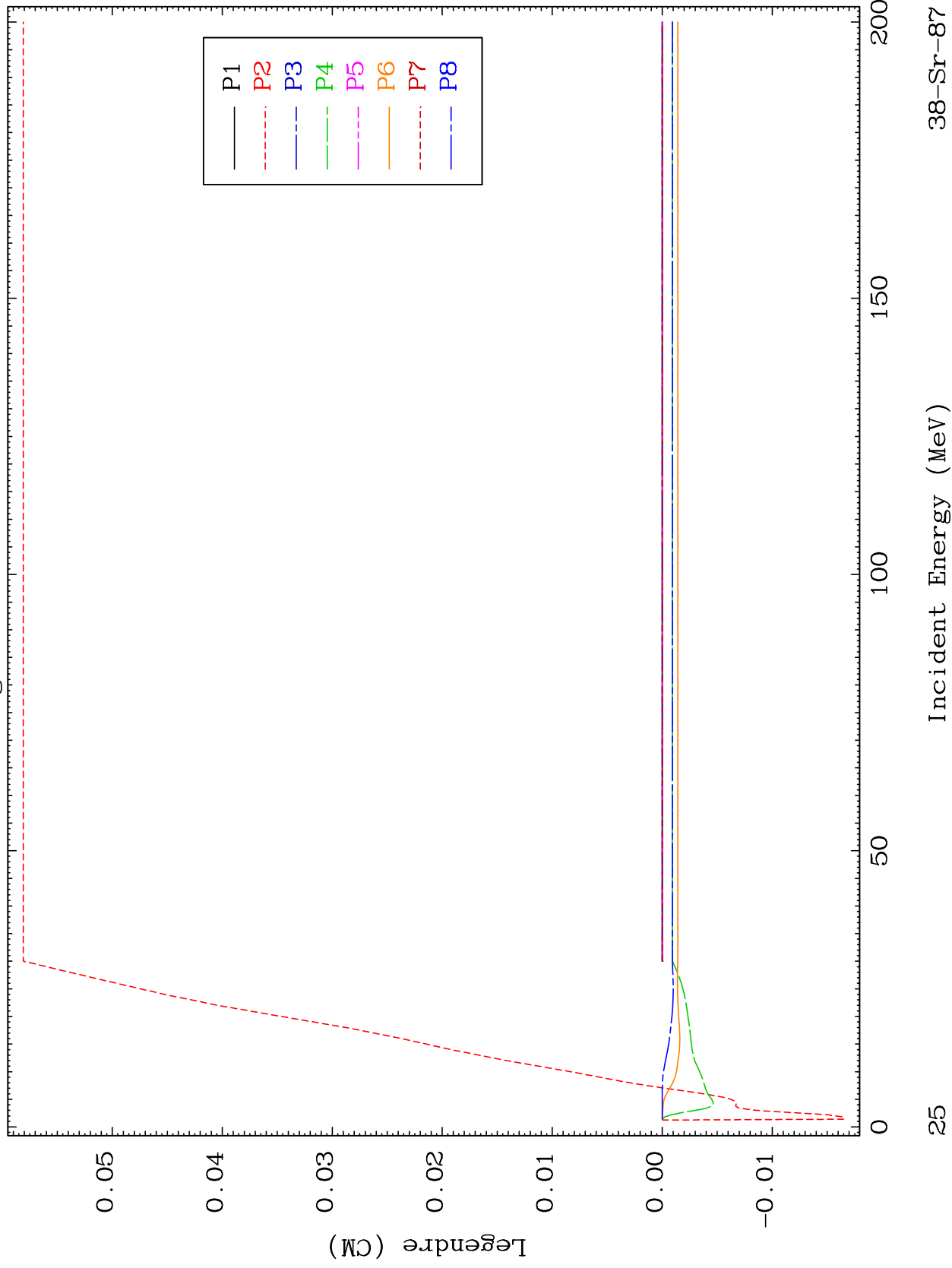
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

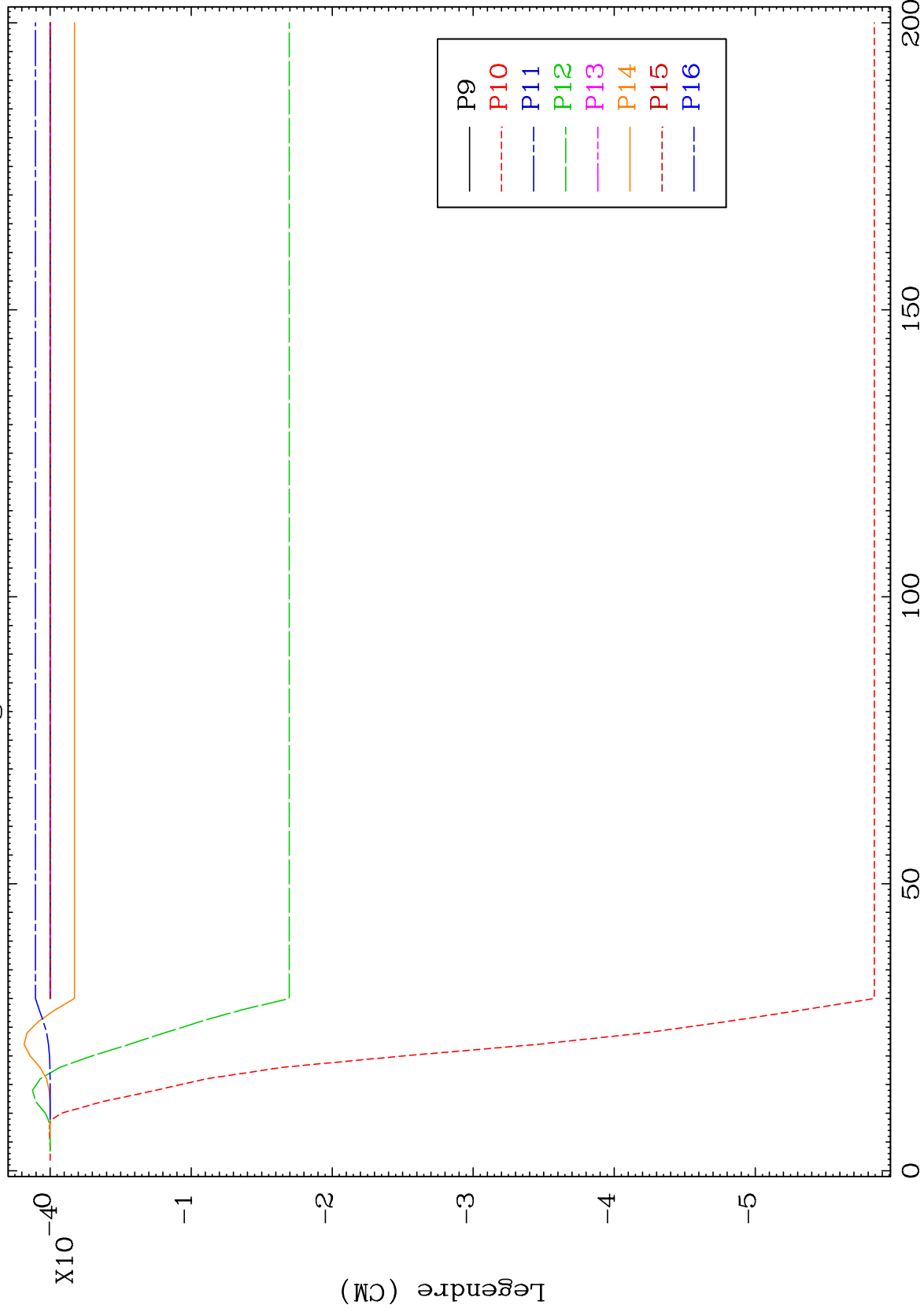
Incident Energy (MeV)

25

MAT 3834

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

38-Sr-87



26

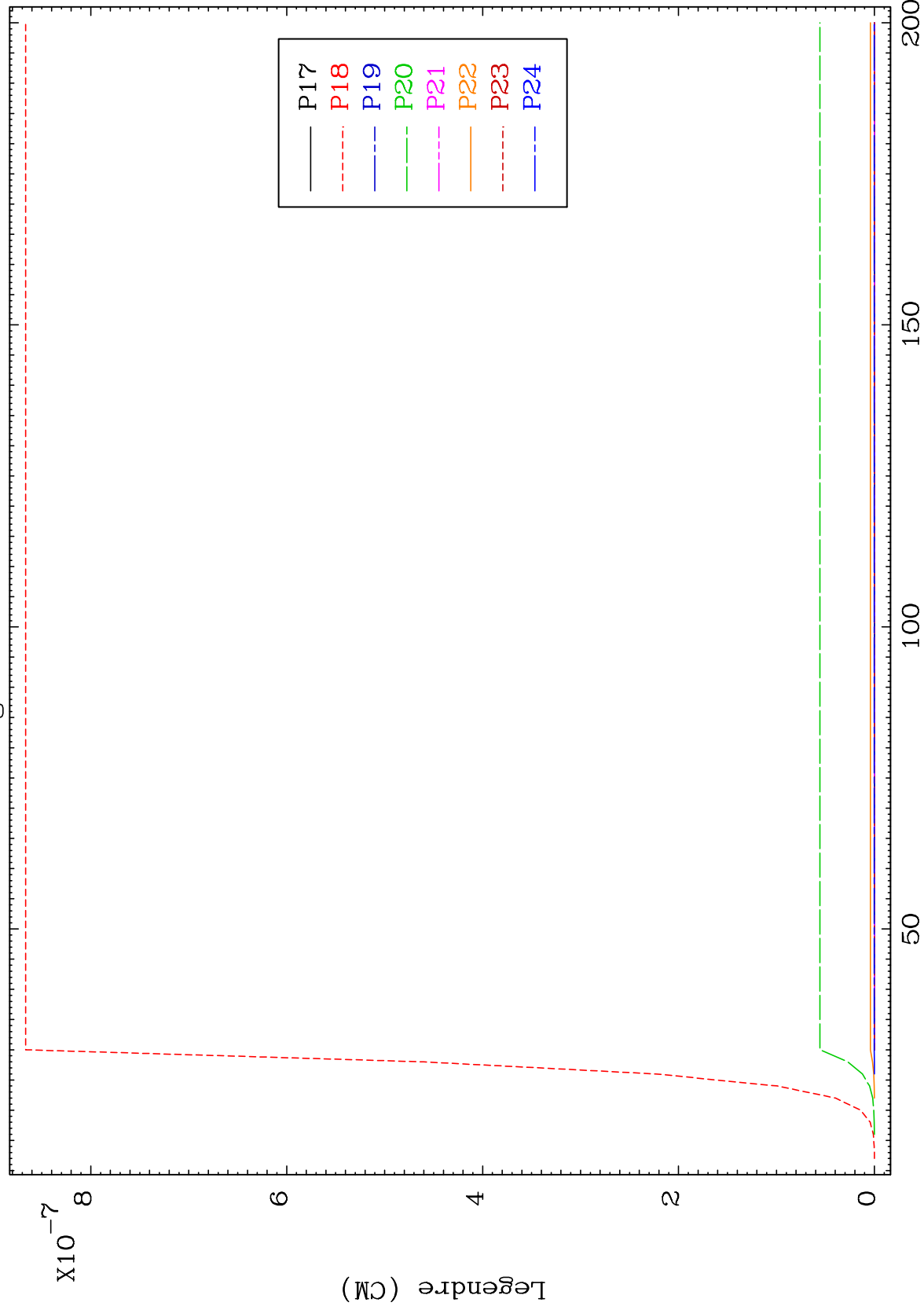
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



27

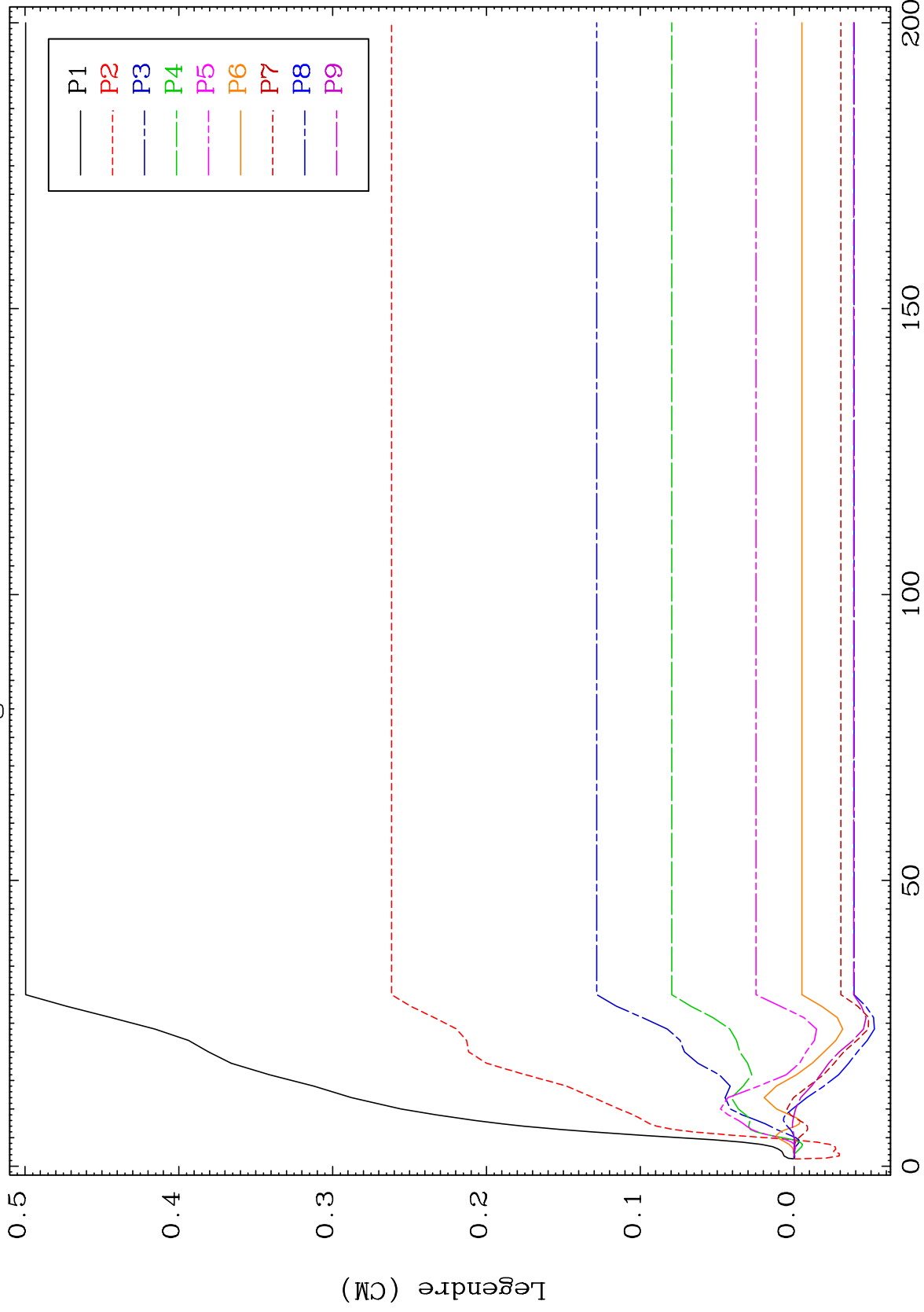
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



28

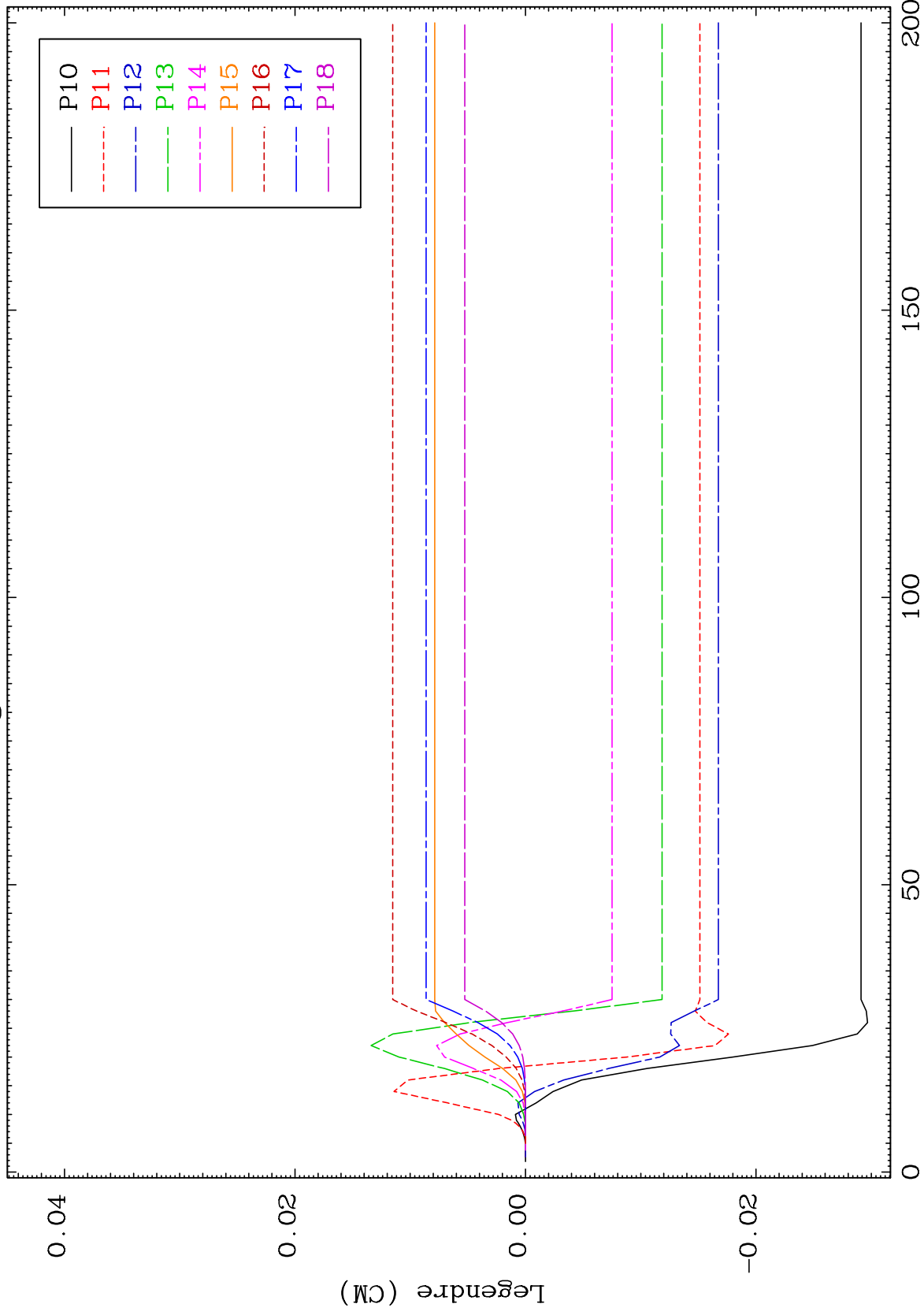
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



29

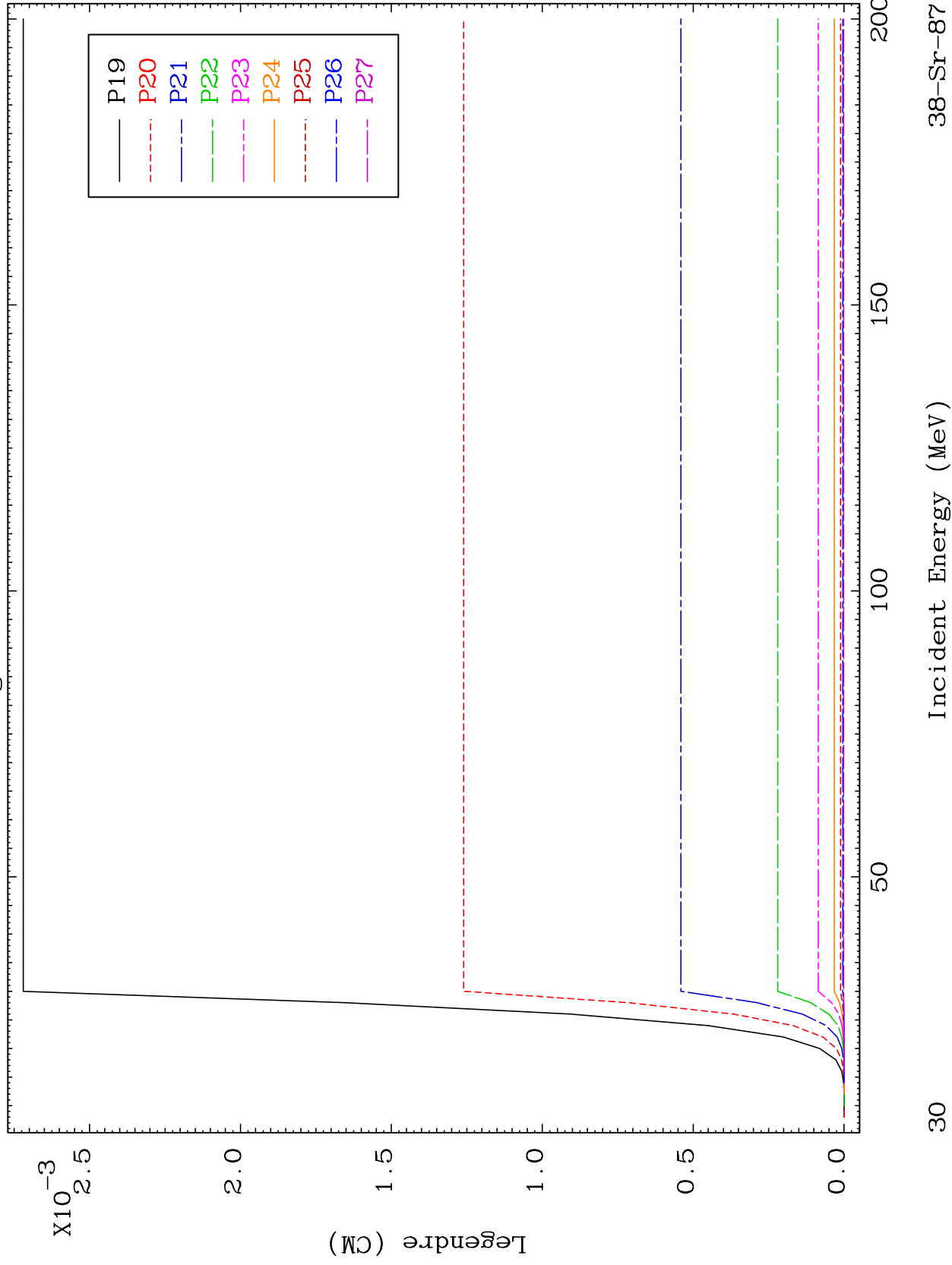
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



30

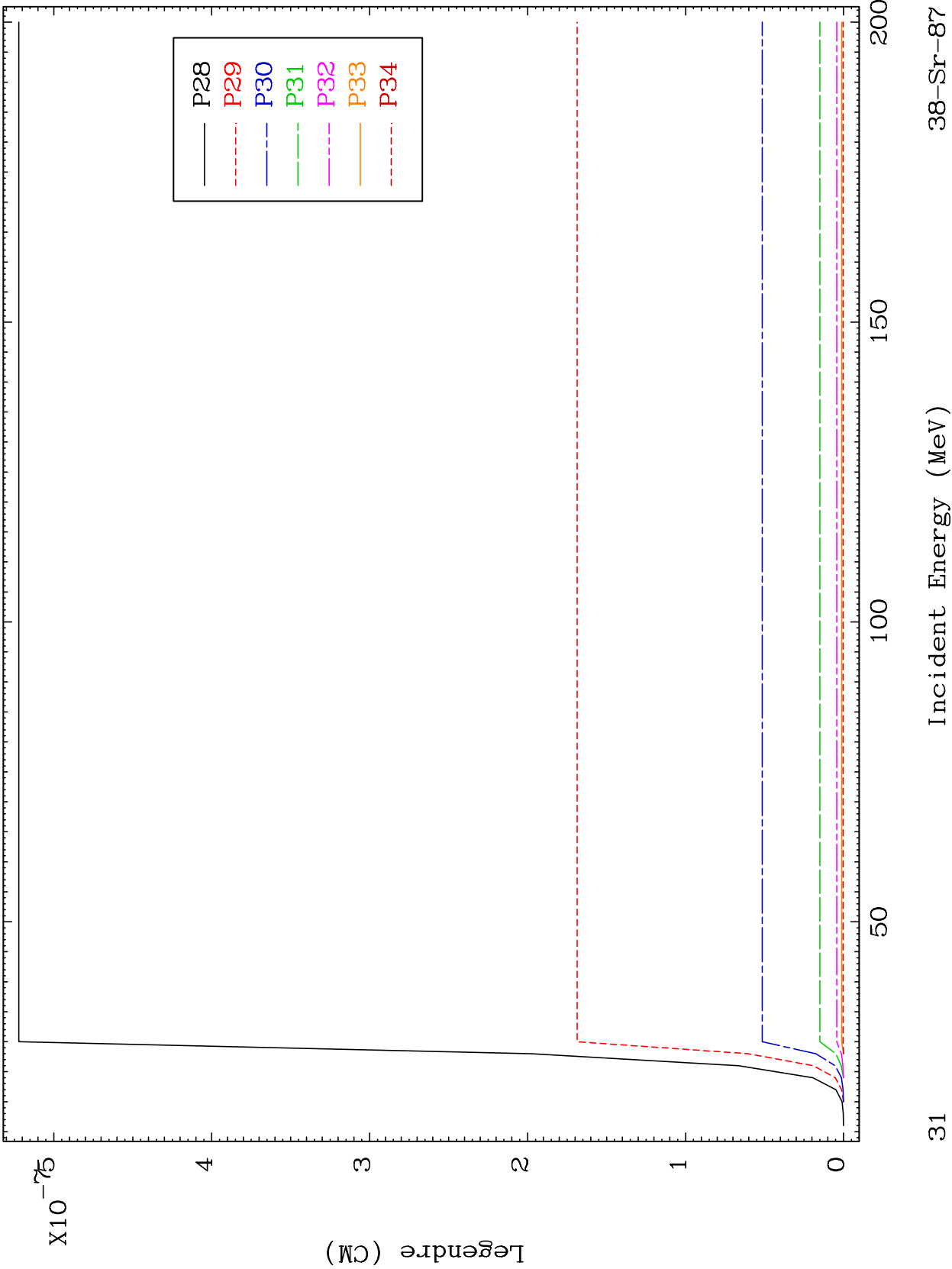
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

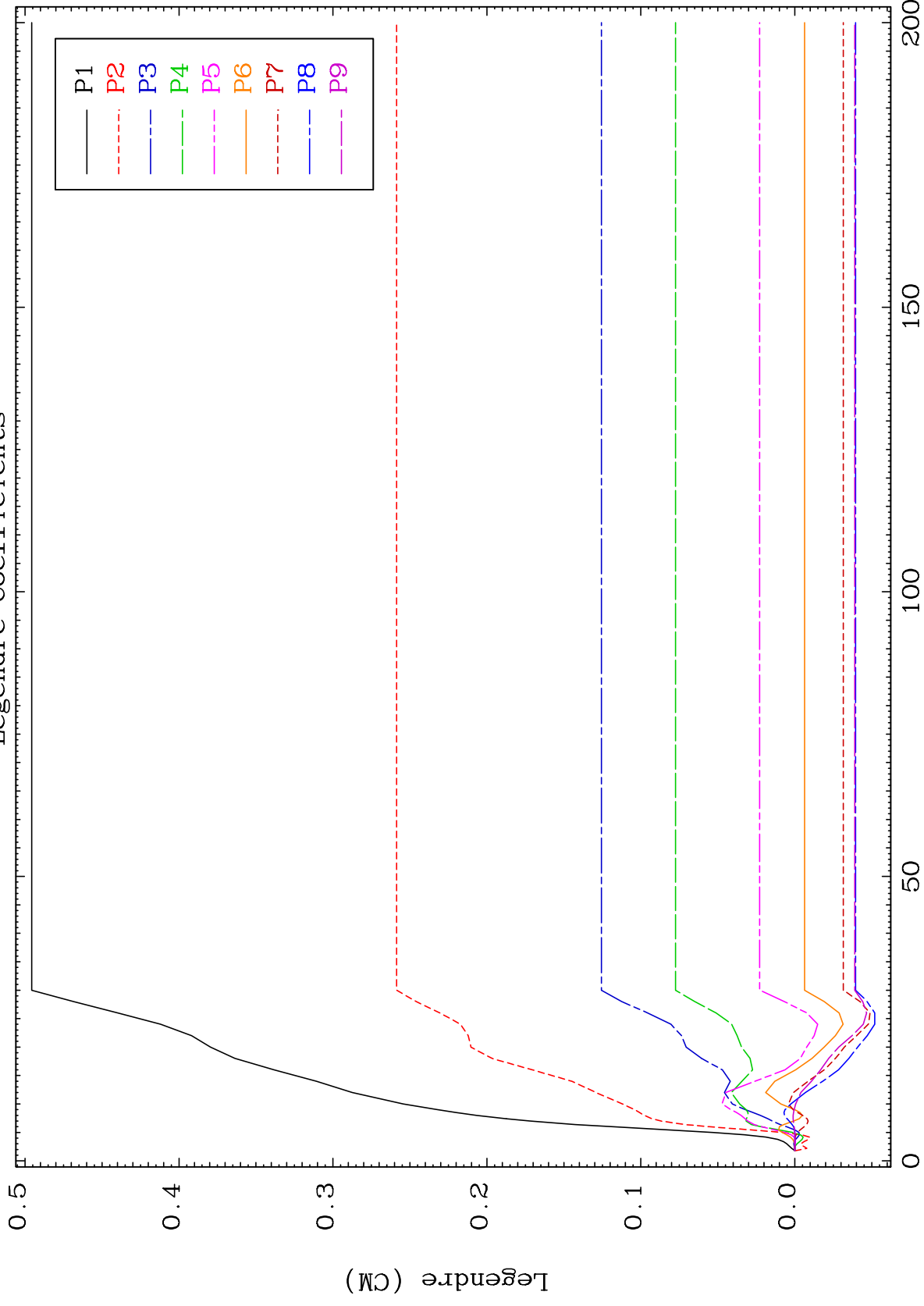
38-Sr-87



MAT 3834

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

38-Sr-87



38-Sr-87

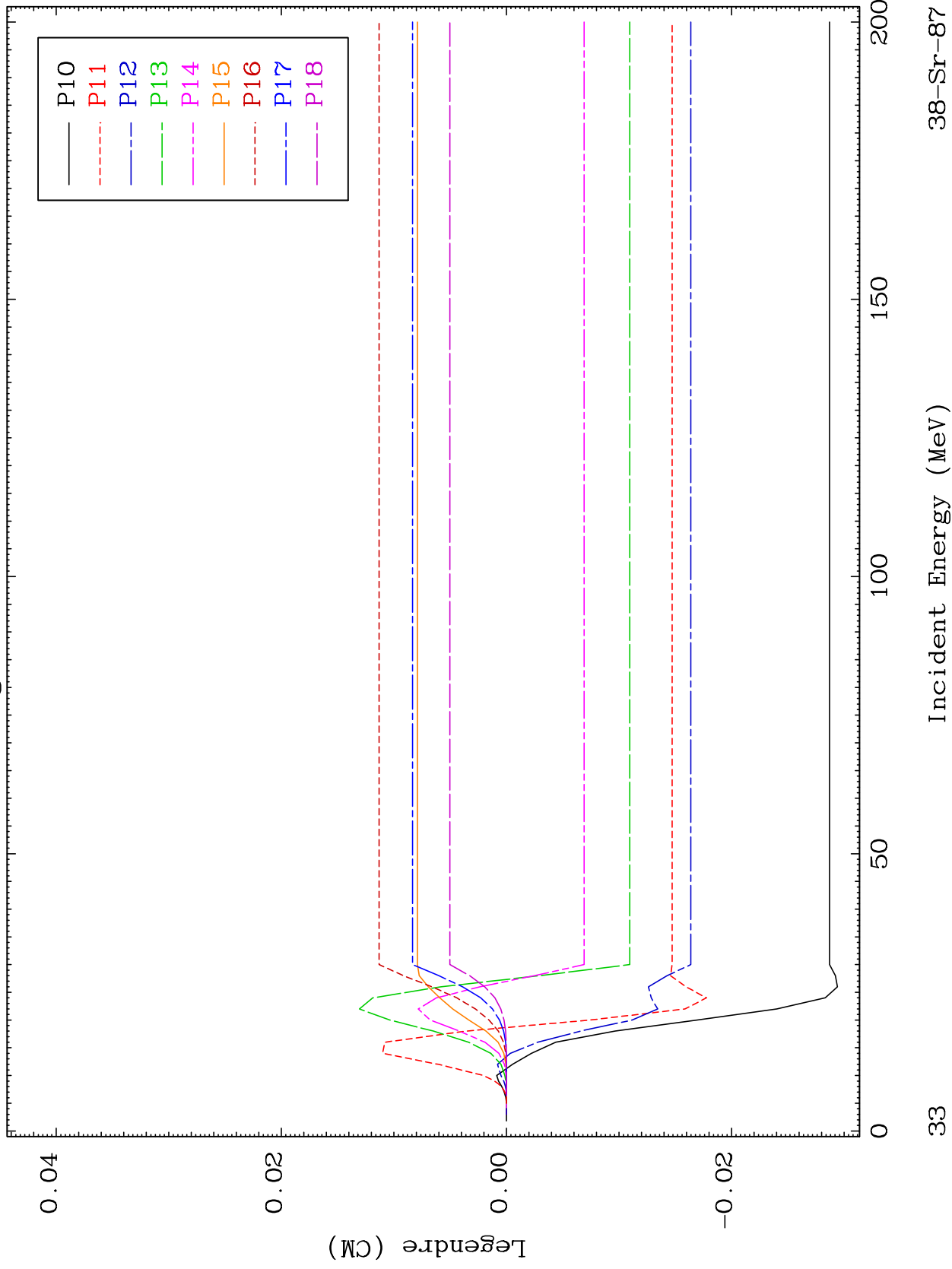
Incident Energy (MeV)

32

MAT 3834

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

38-Sr-87



33

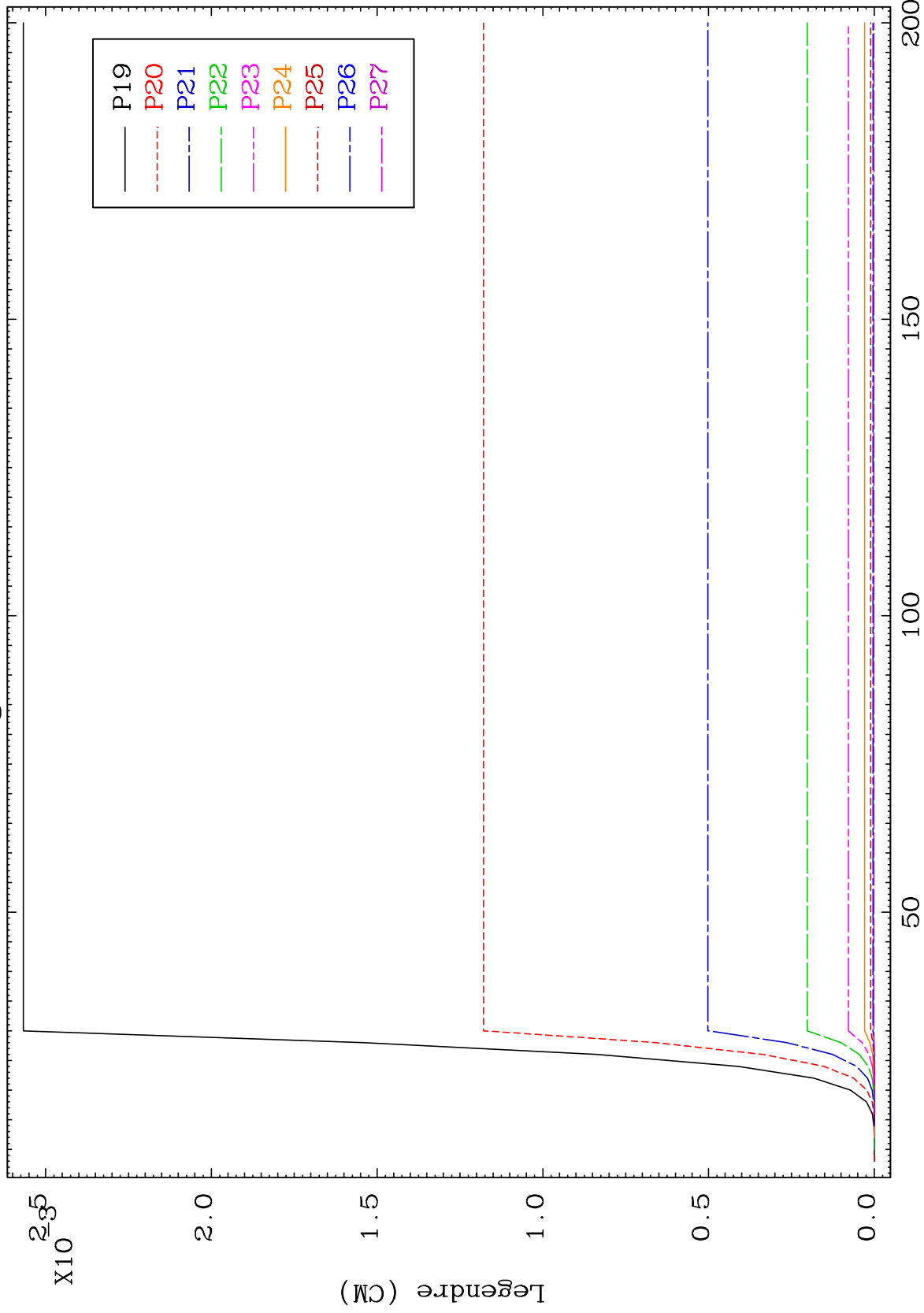
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



34

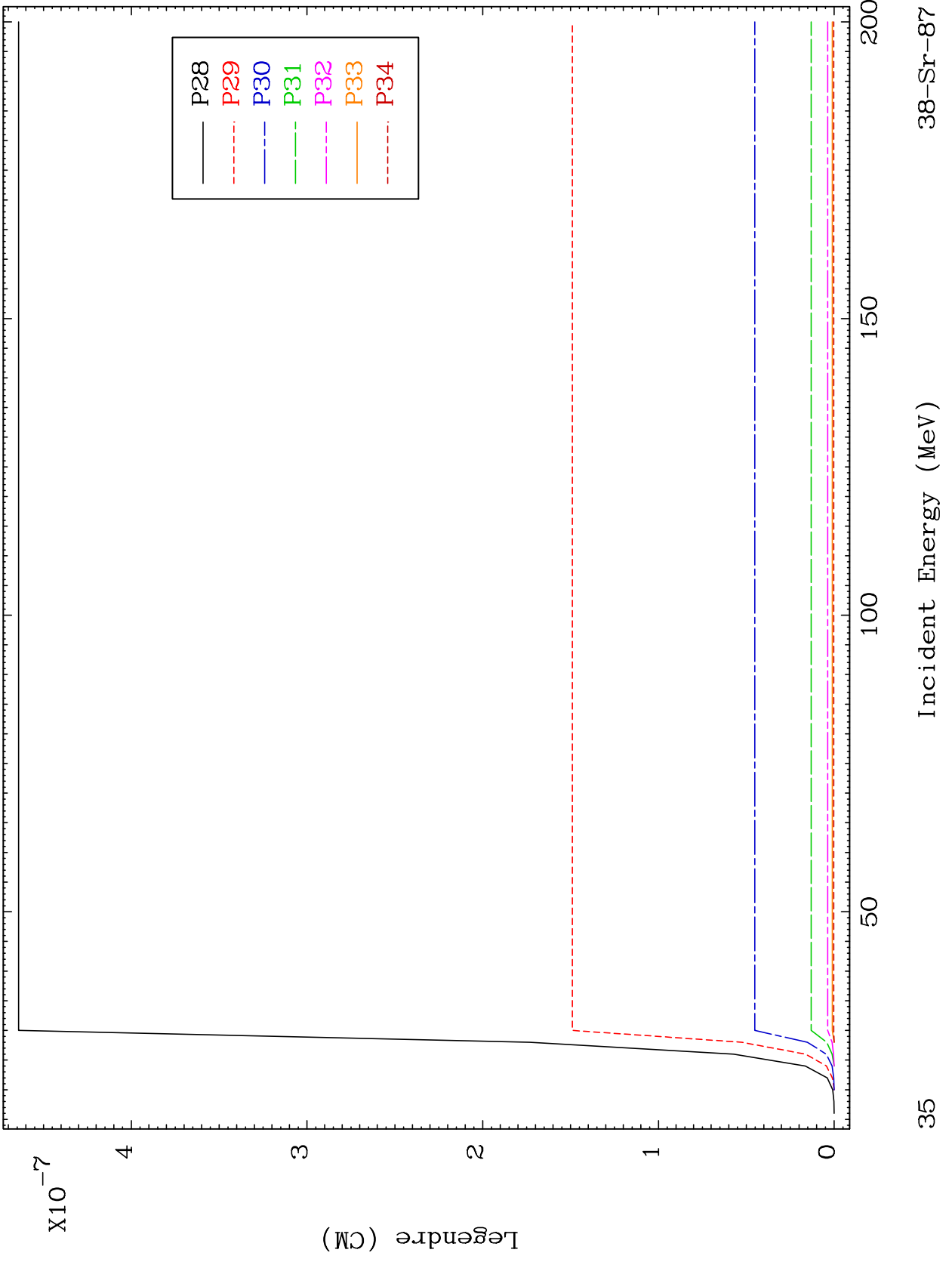
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



35

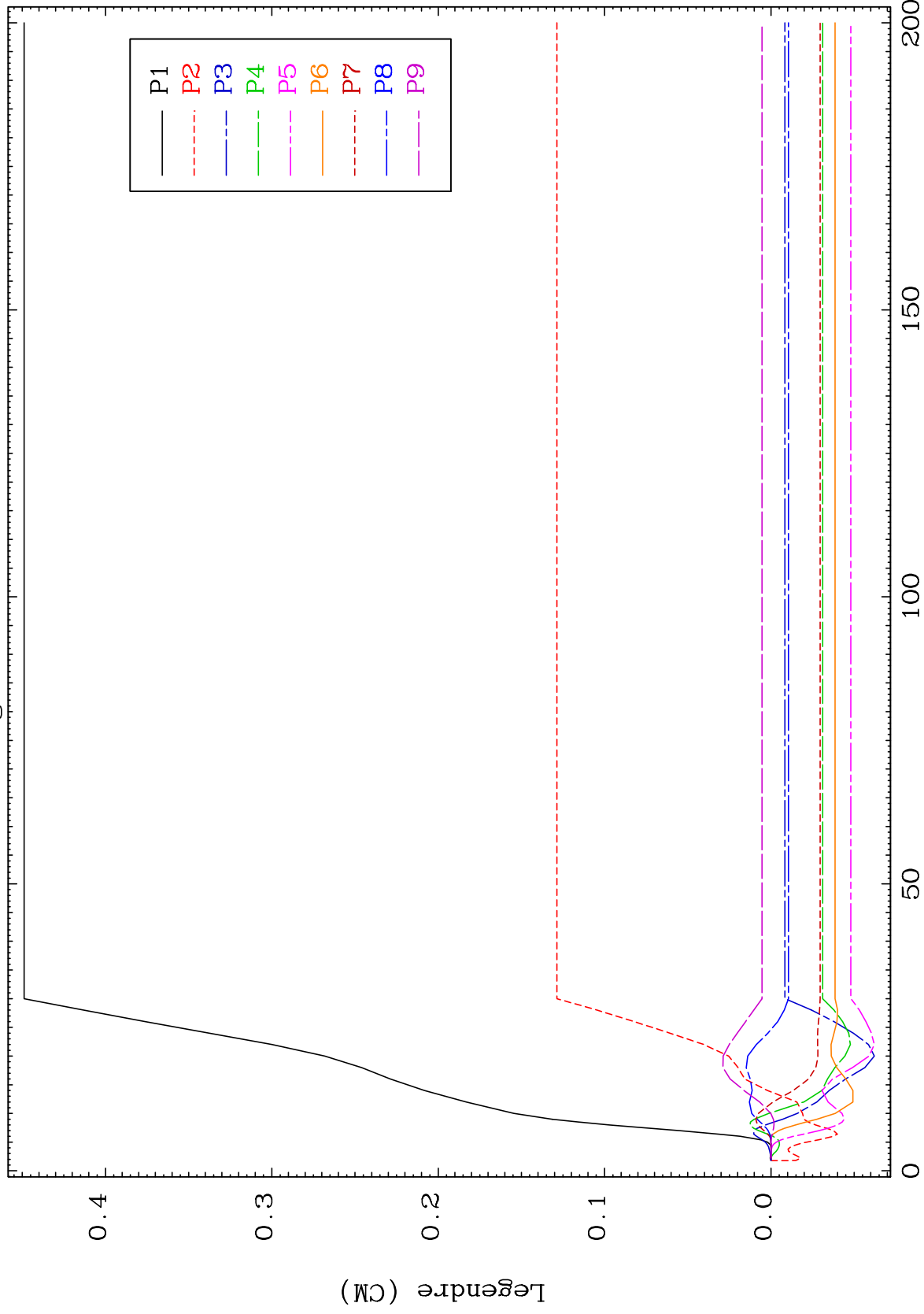
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



36

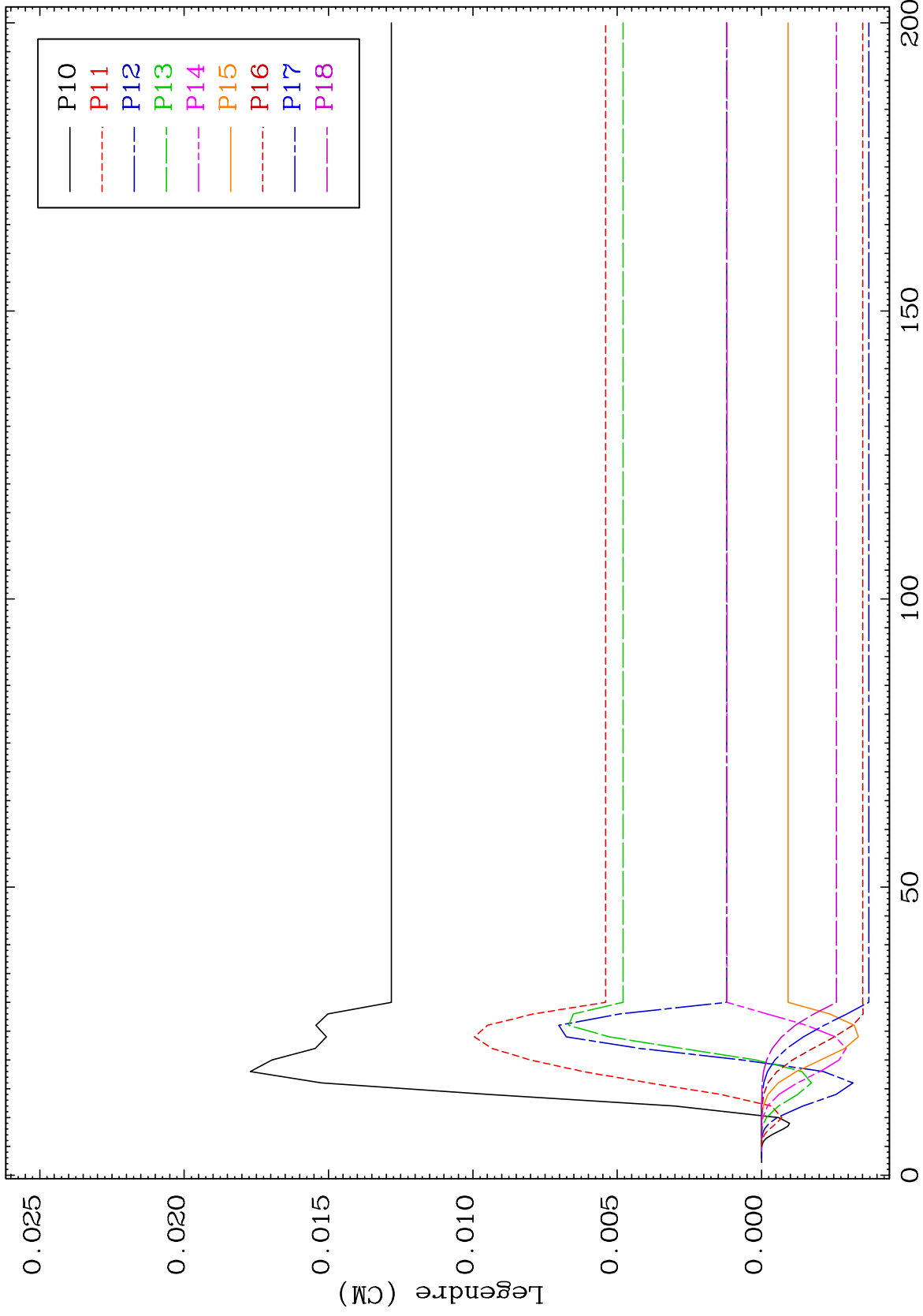
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

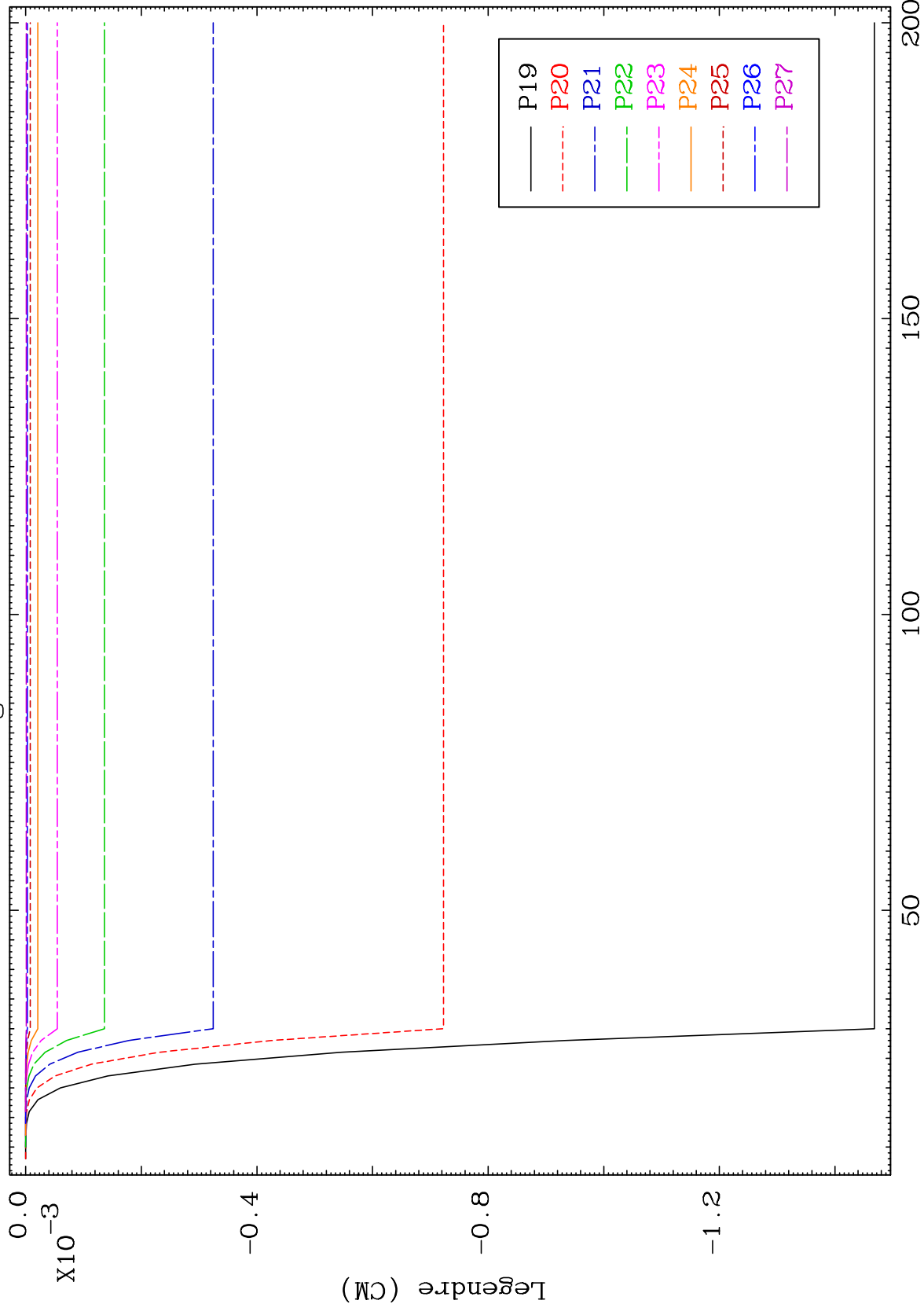
38-Sr-87



37

Incident Energy (MeV)

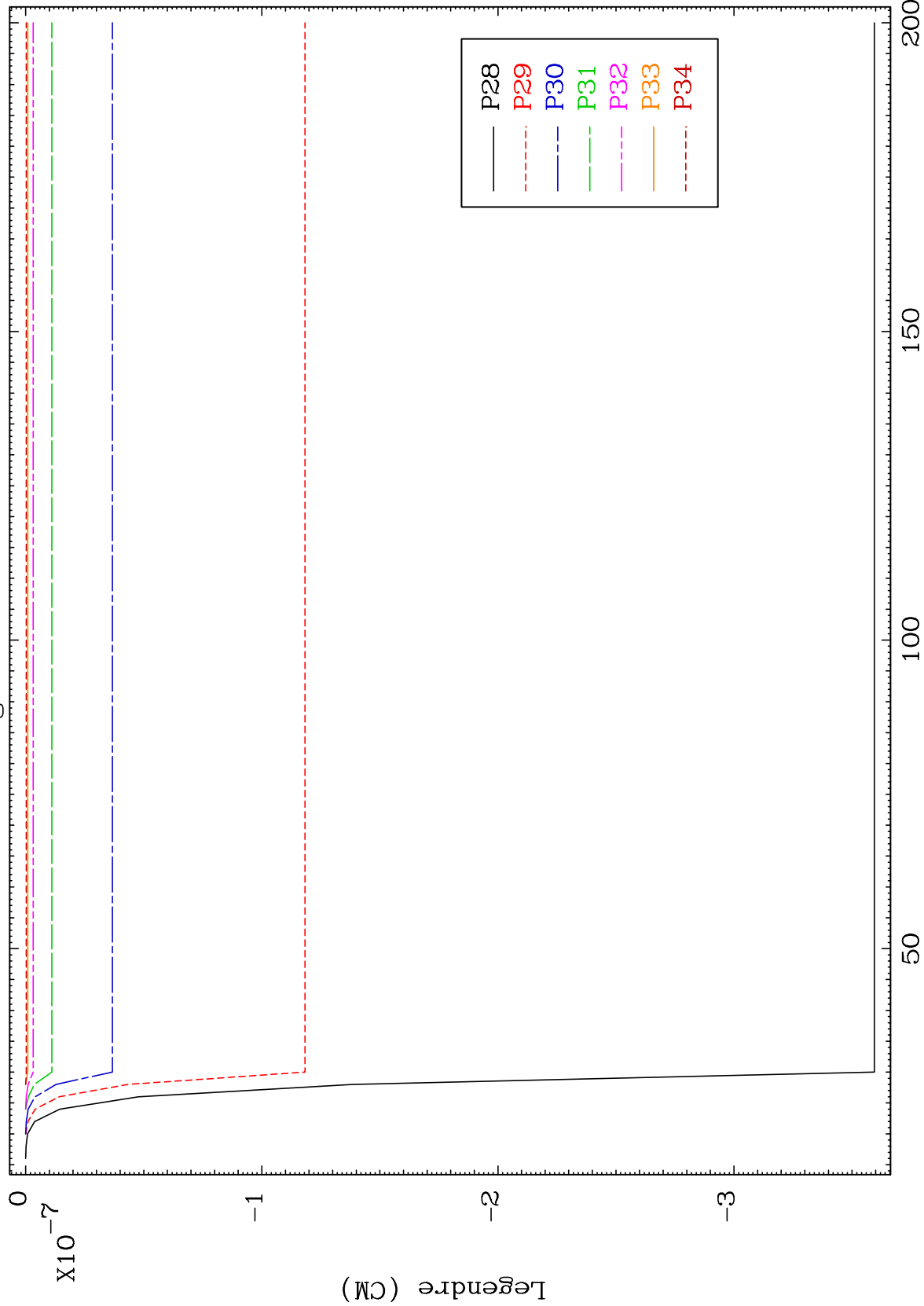
38-Sr-87



MAT 3834

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

38-Sr-87



39

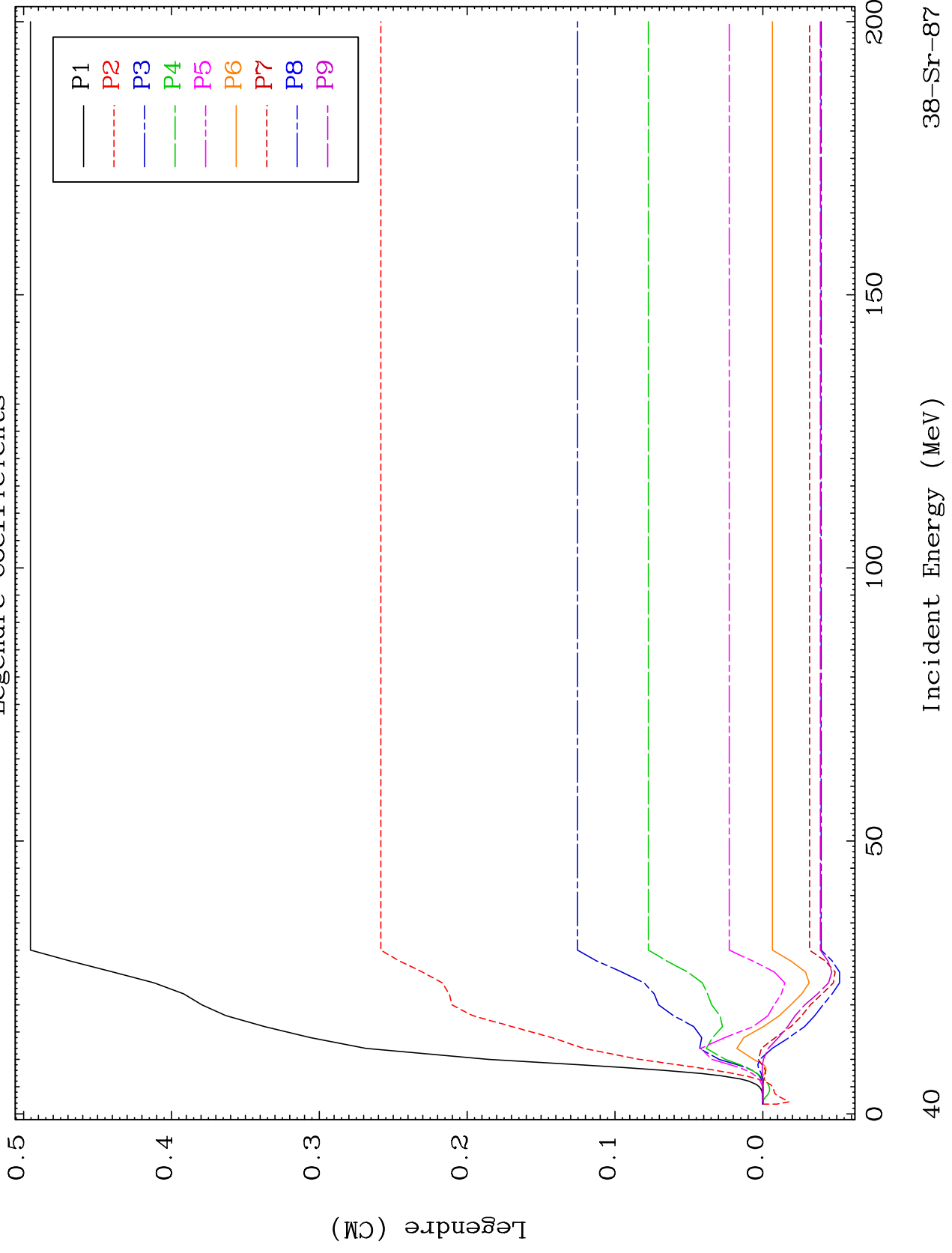
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

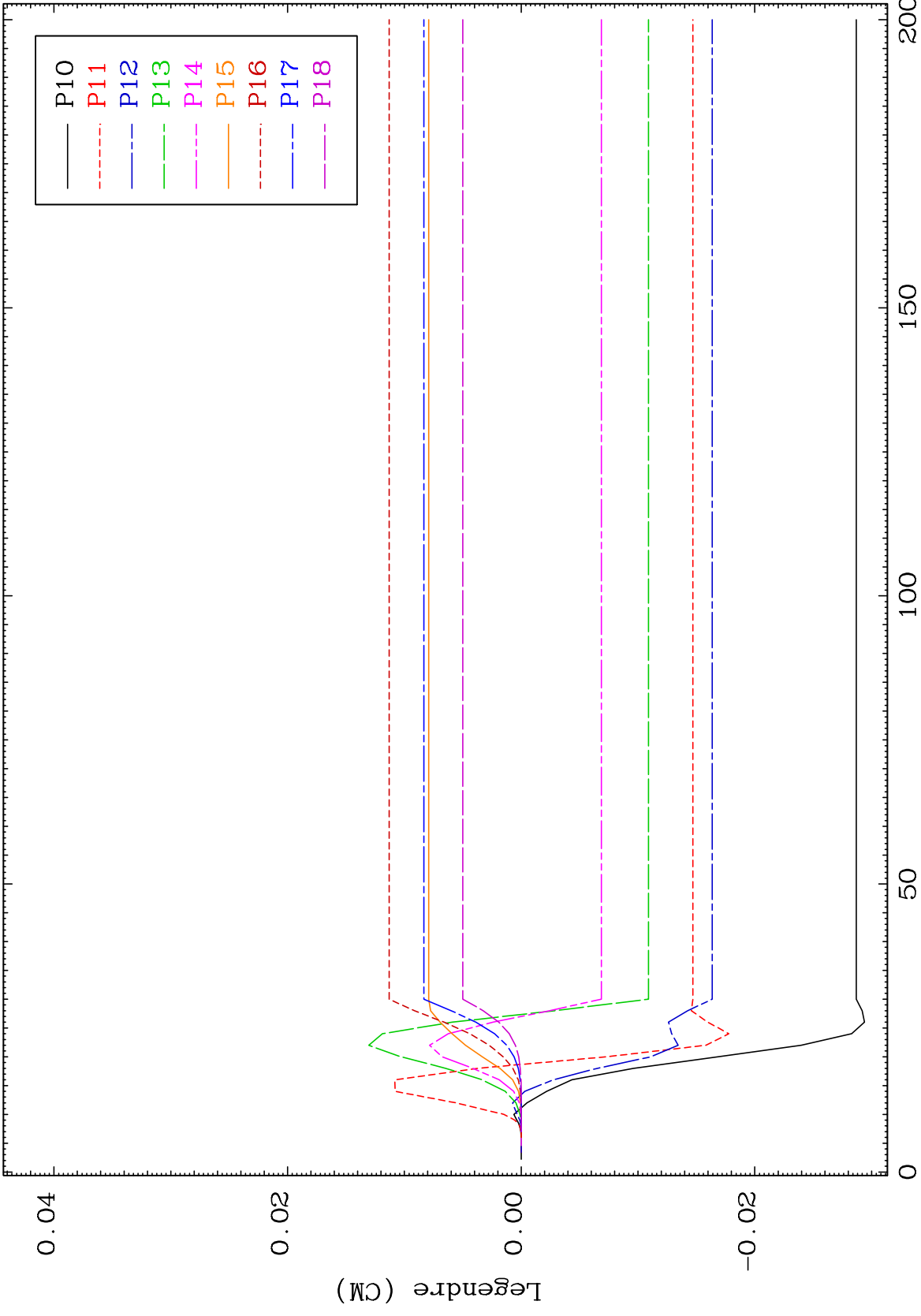
38-Sr-87



MAT 3834

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

38-Sr-87



41

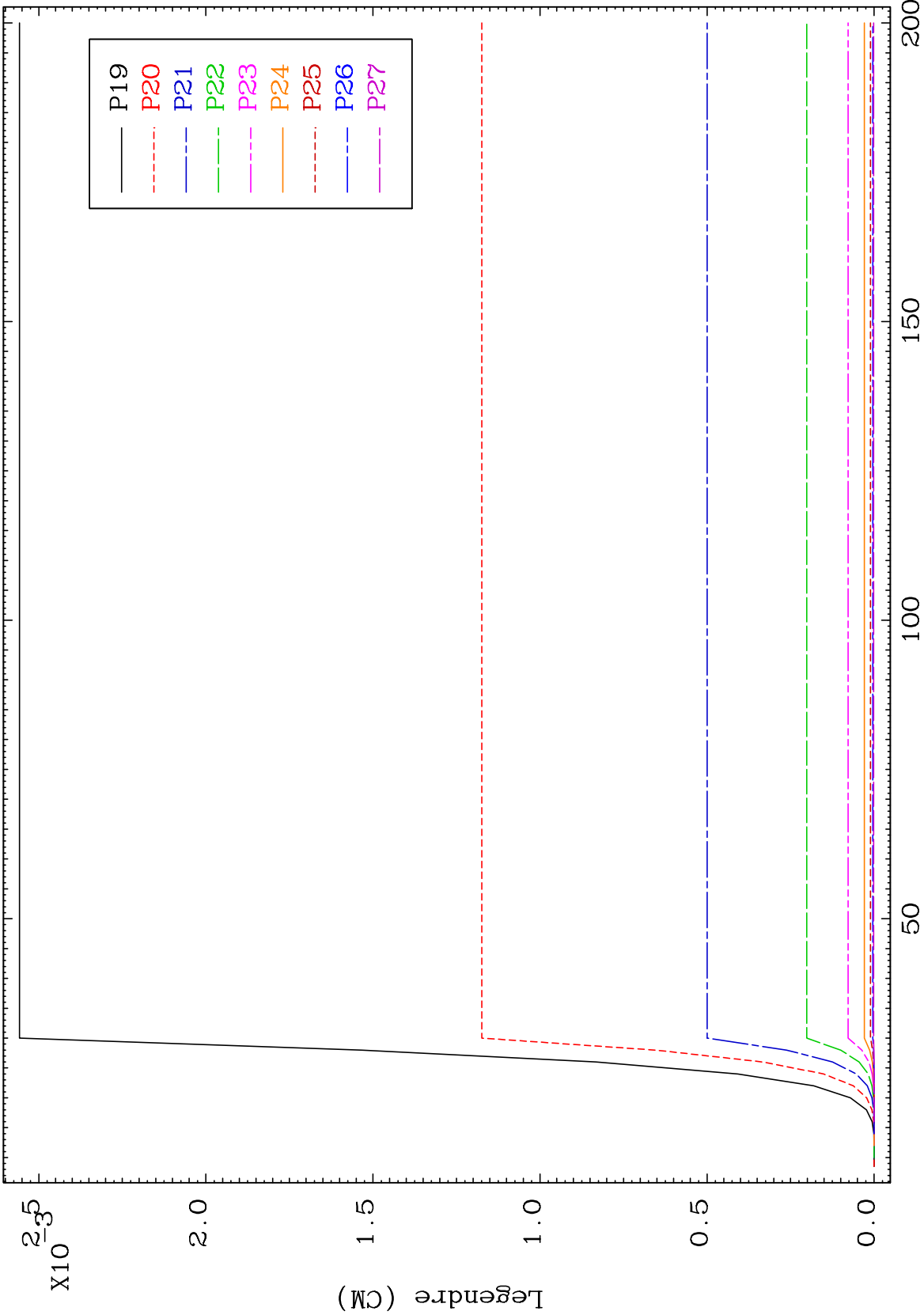
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



42

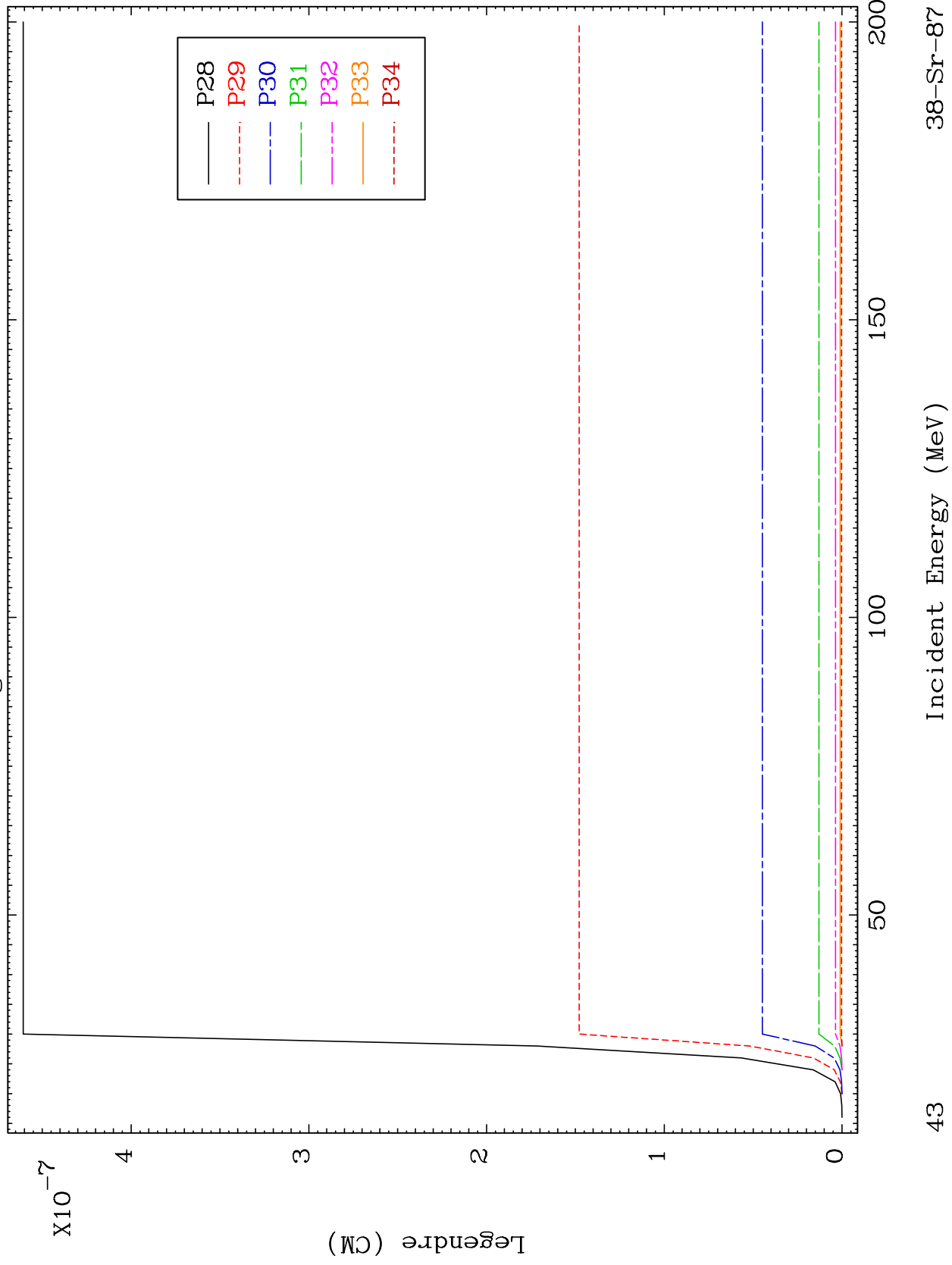
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

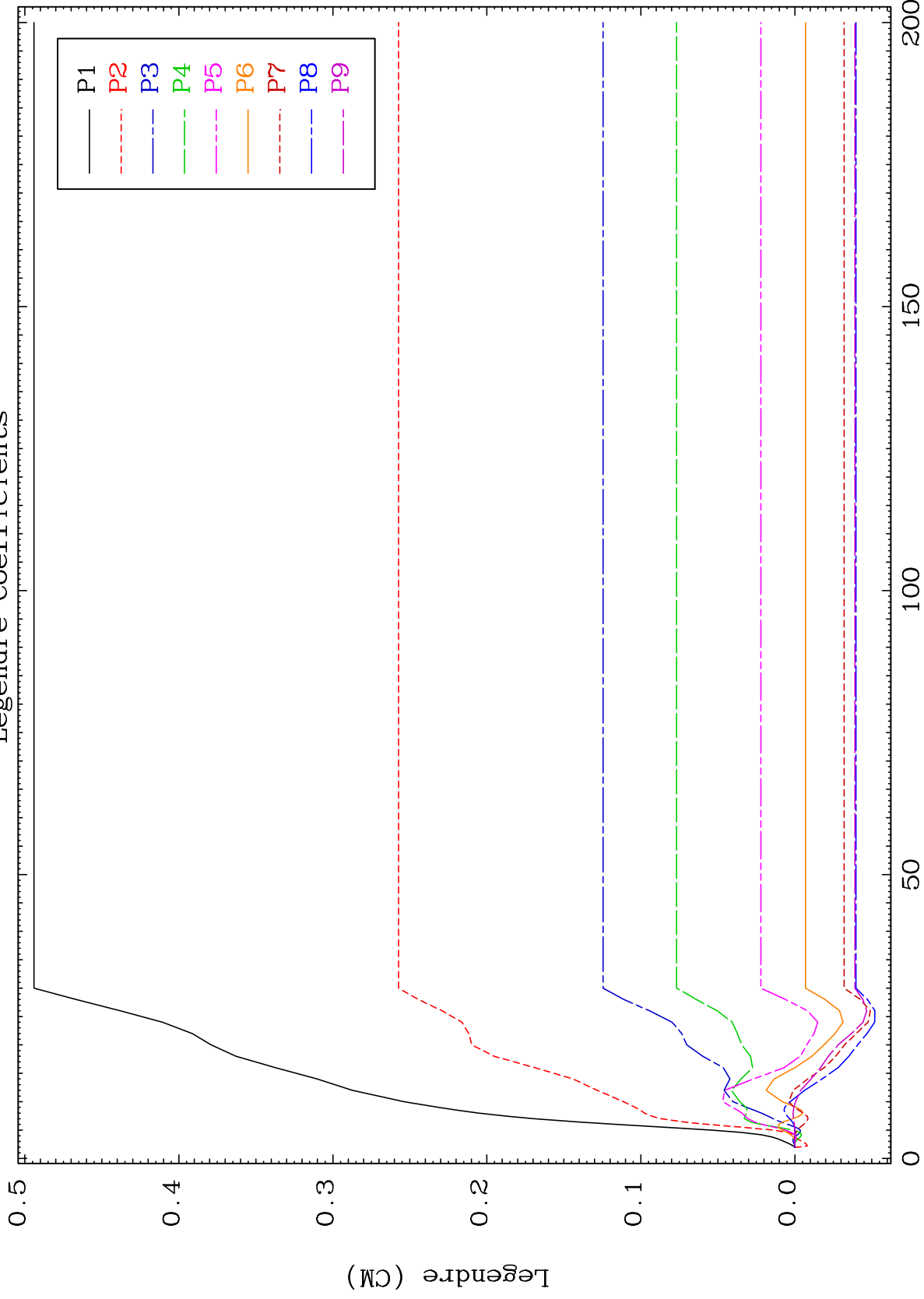
38-Sr-87



MAT 3834

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

38-Sr-87



44

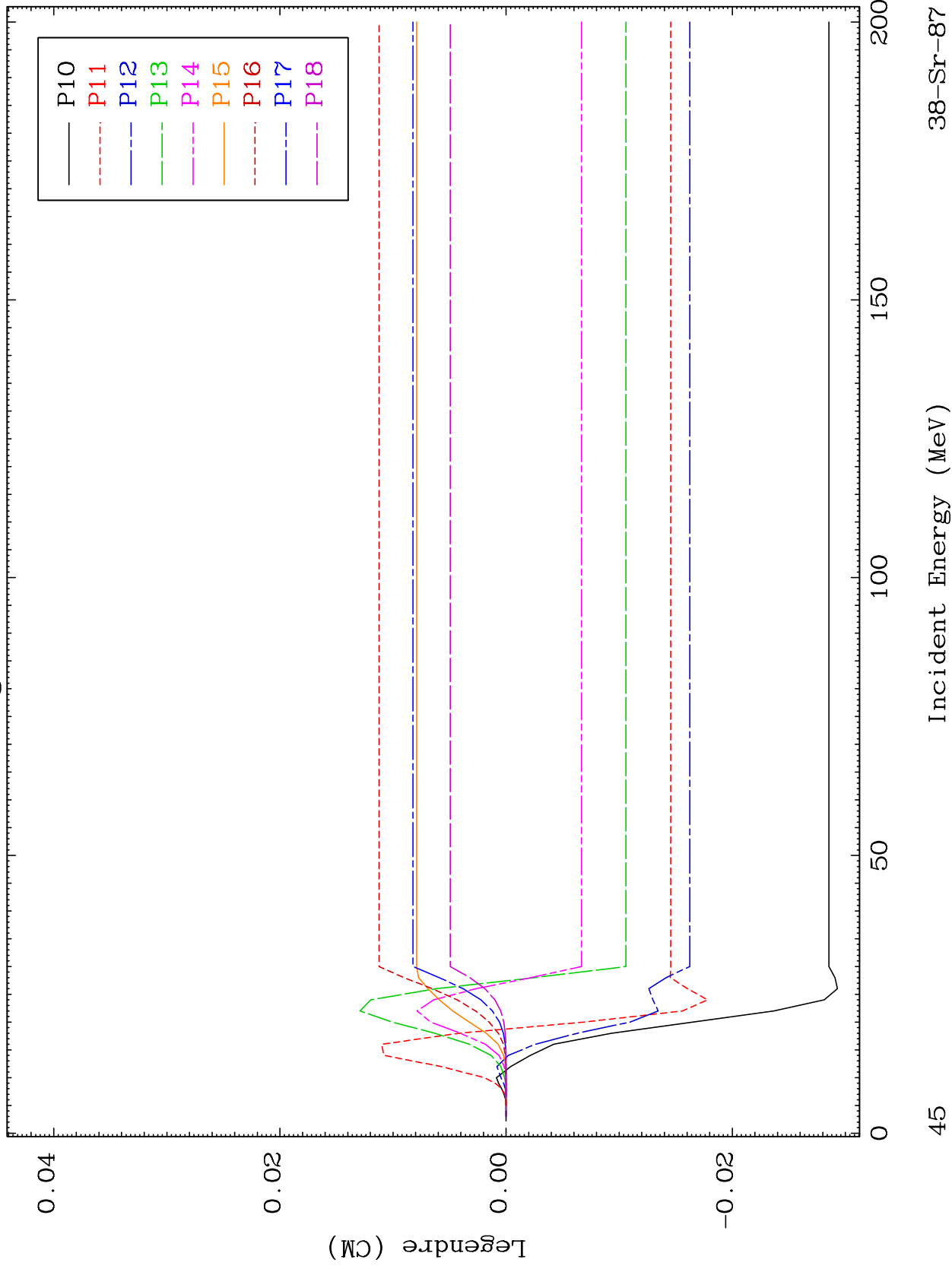
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

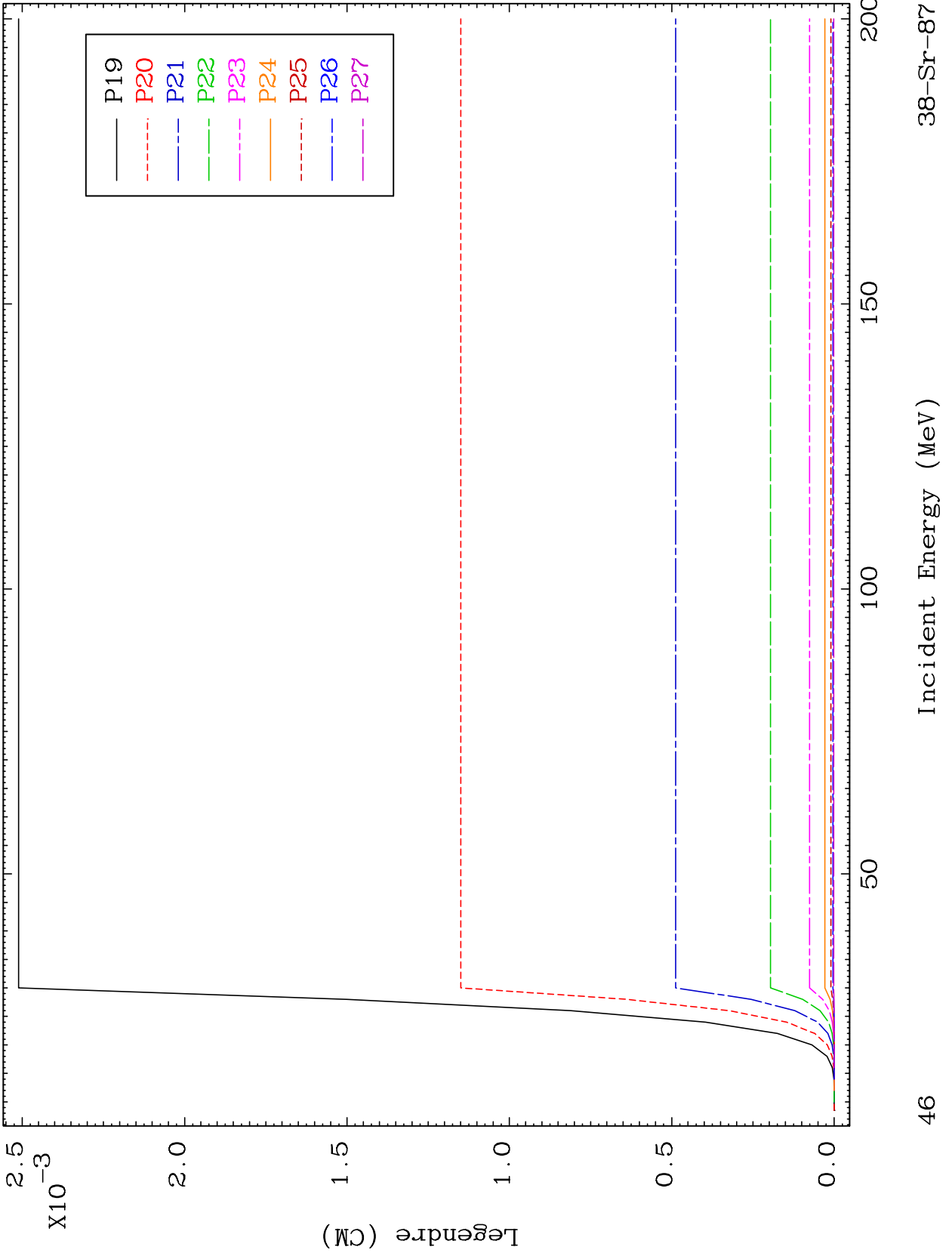
Incident Energy (MeV)

45

MAT 3834

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

38-Sr-87



46

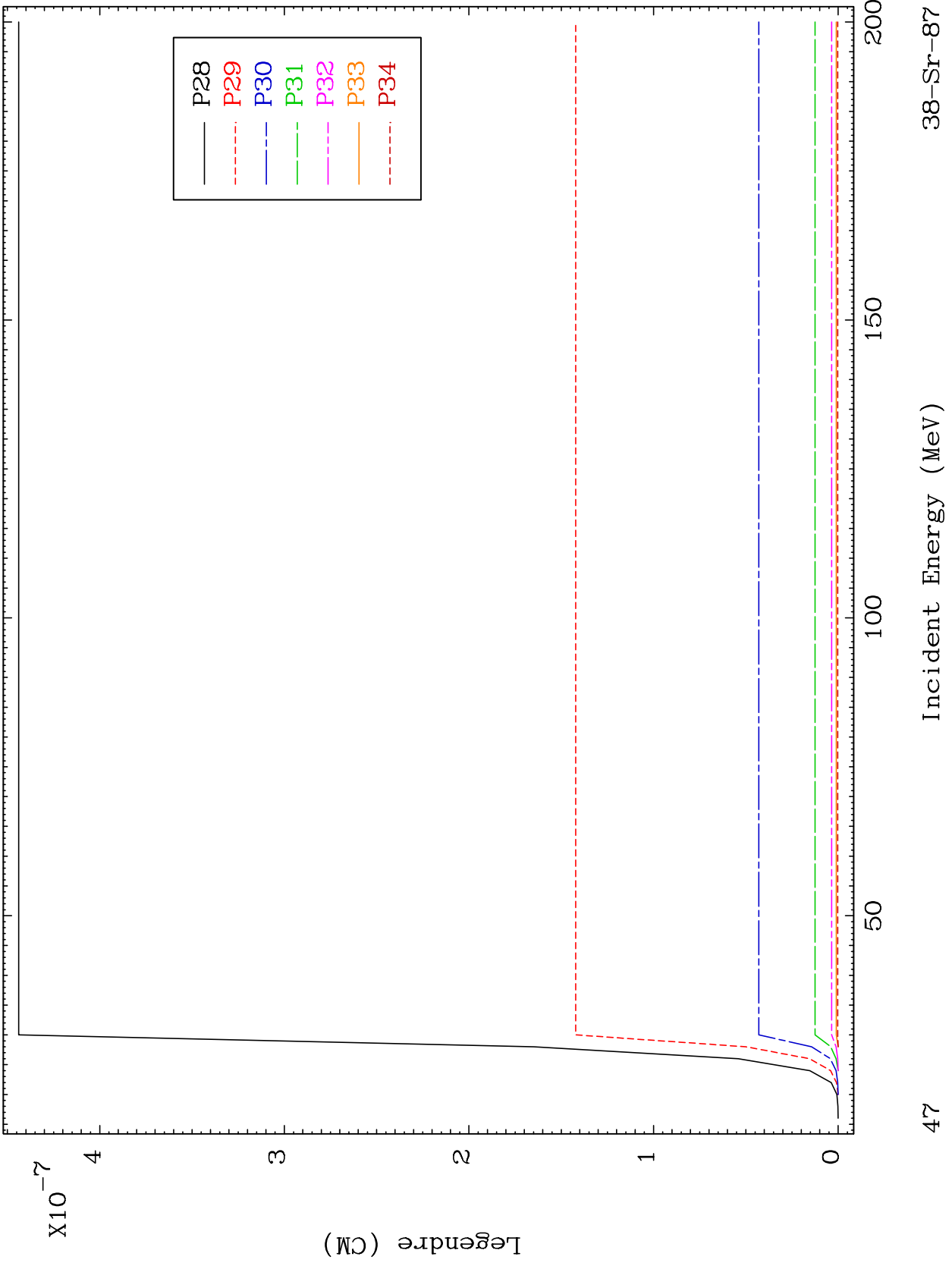
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

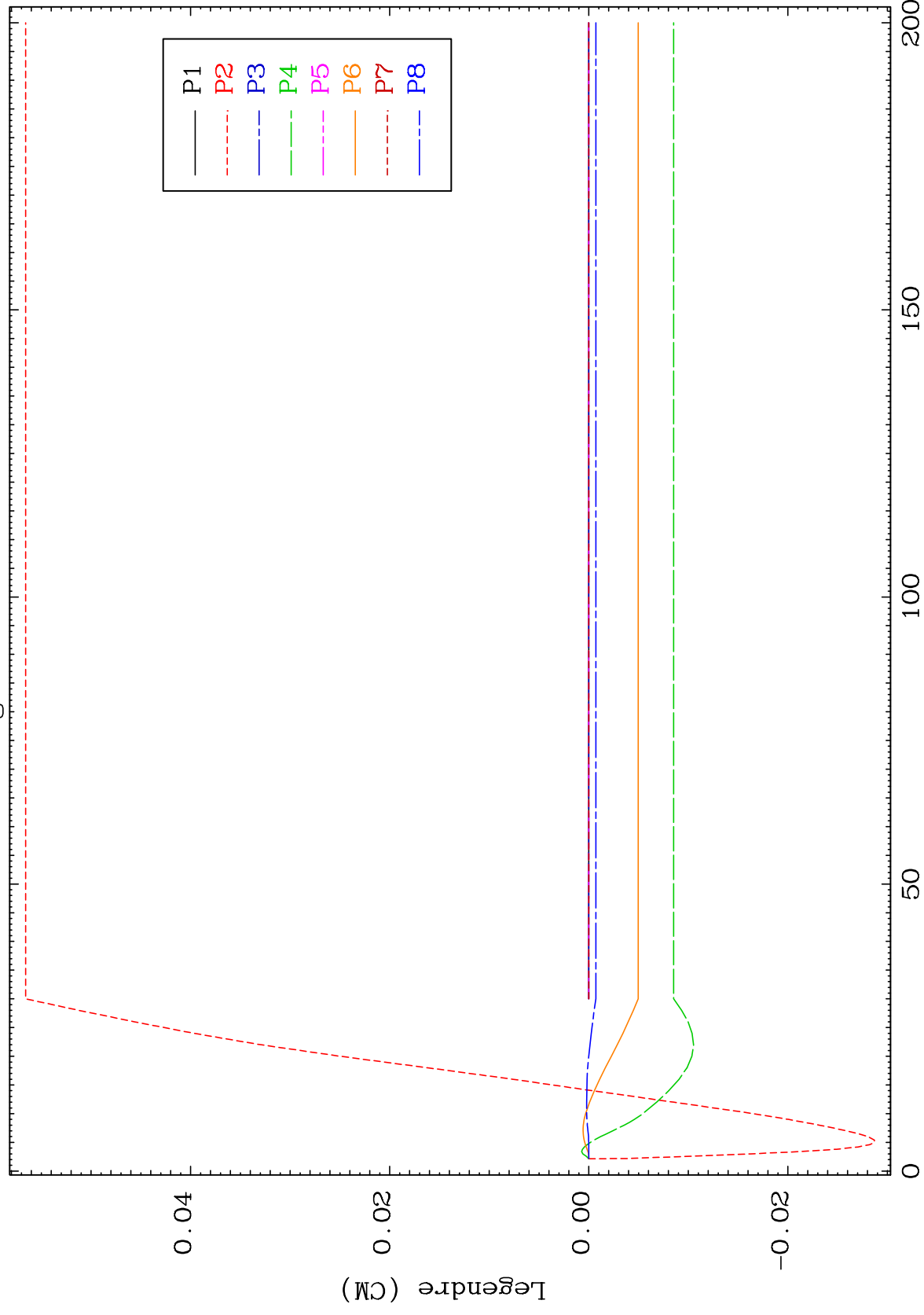
38-Sr-87



MAT 3834

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

38-Sr-87



48

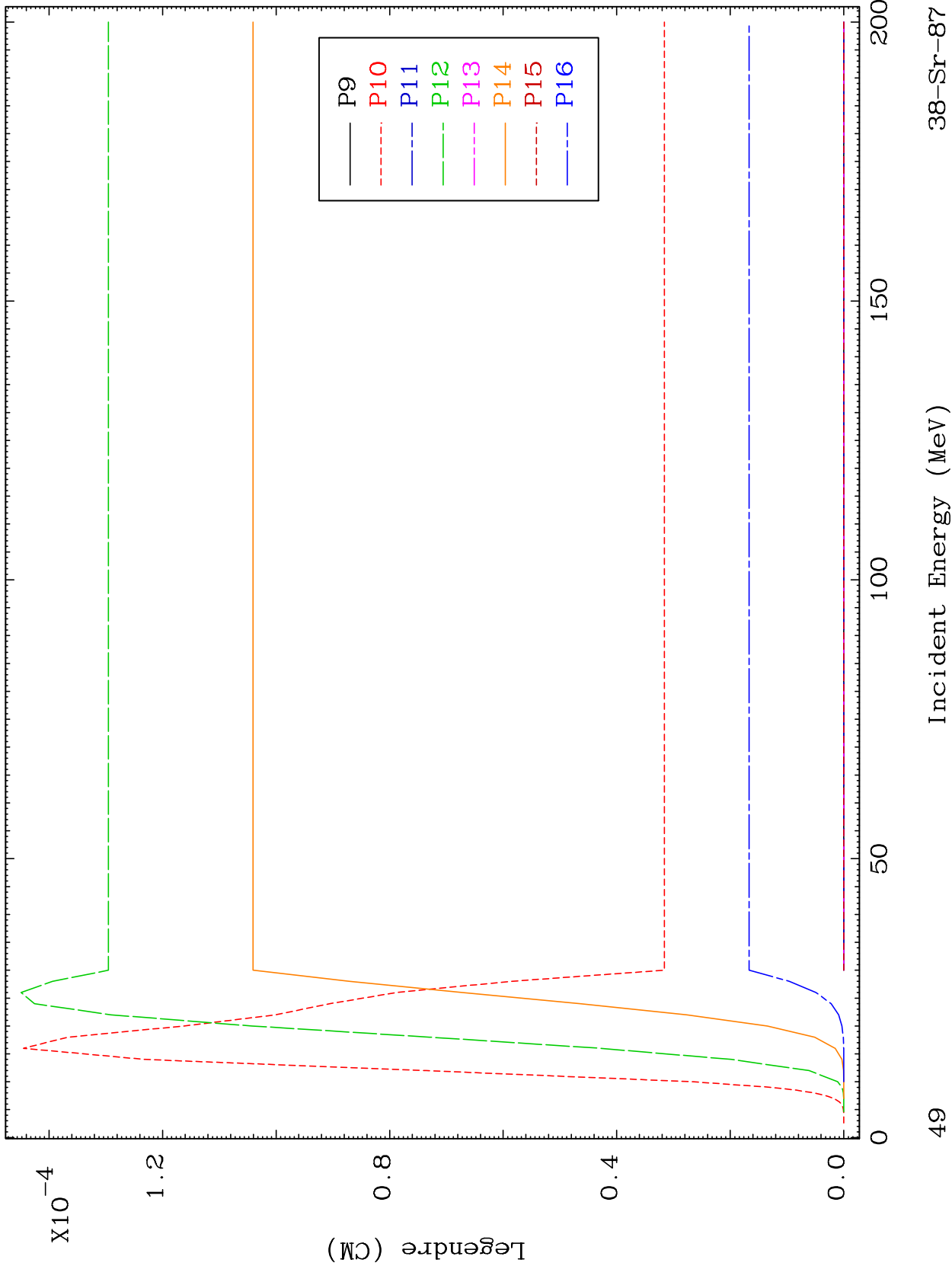
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

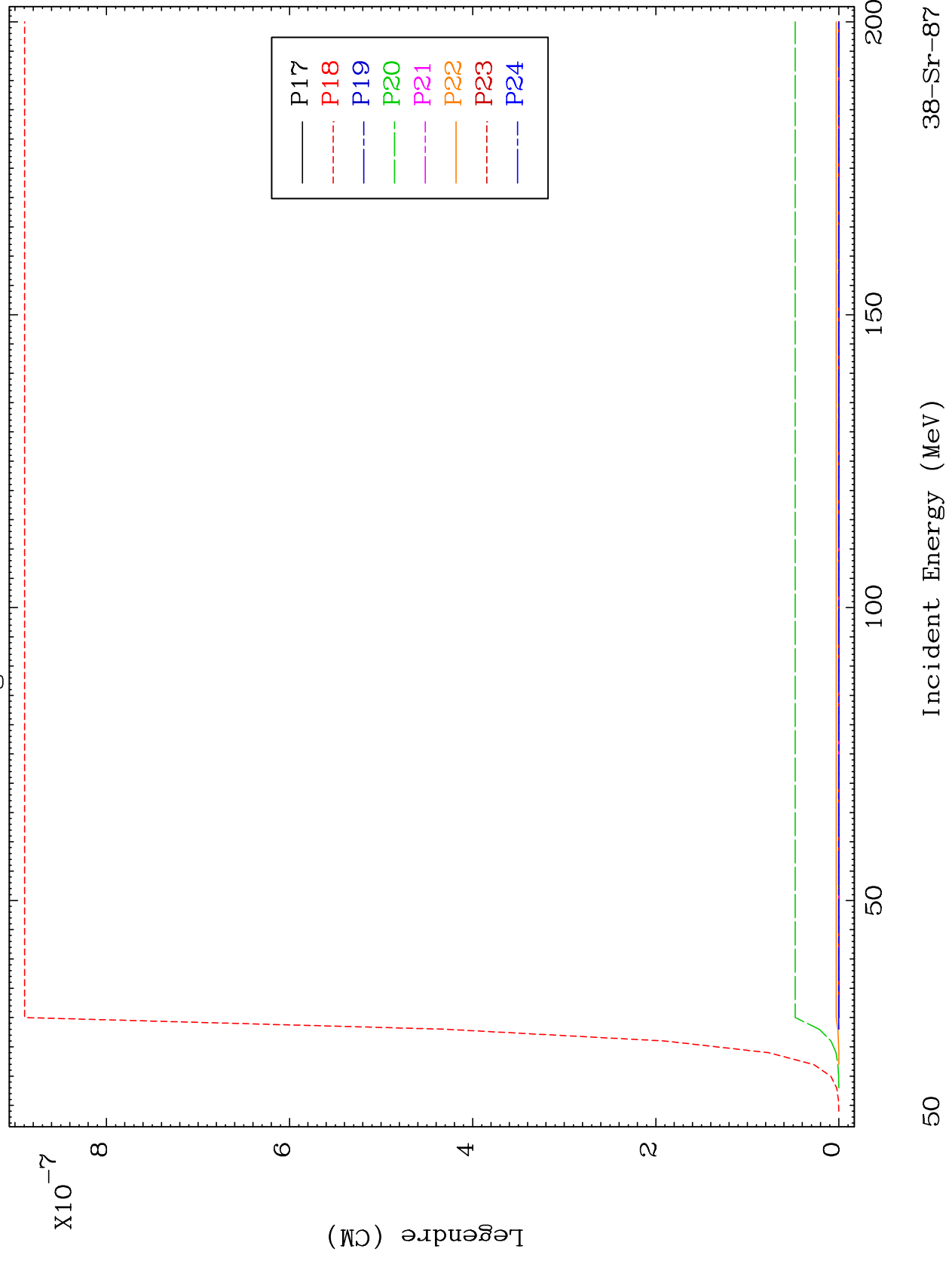
Incident Energy (MeV)

49

MAT 3834

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

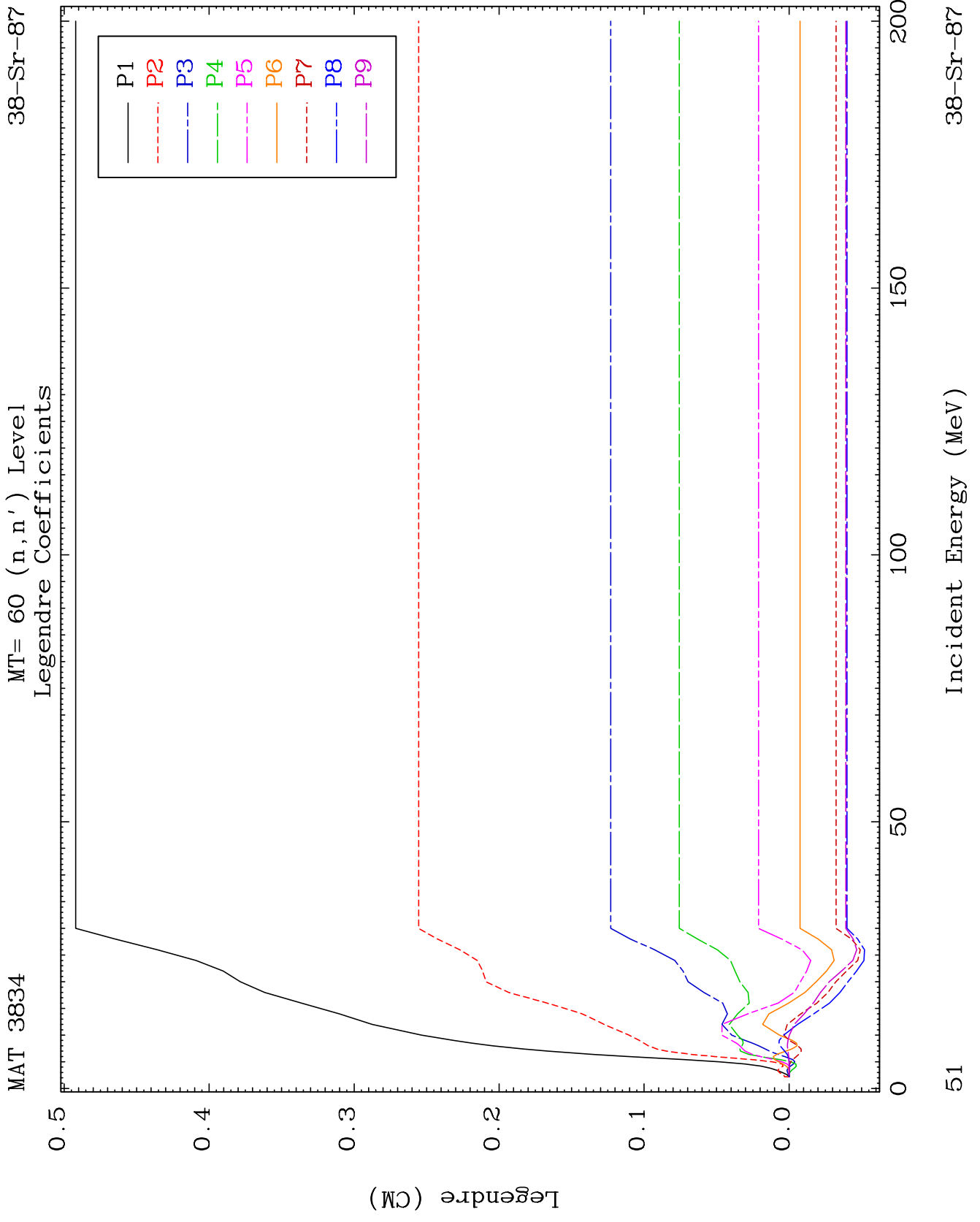
38-Sr-87



38-Sr-87

Incident Energy (MeV)

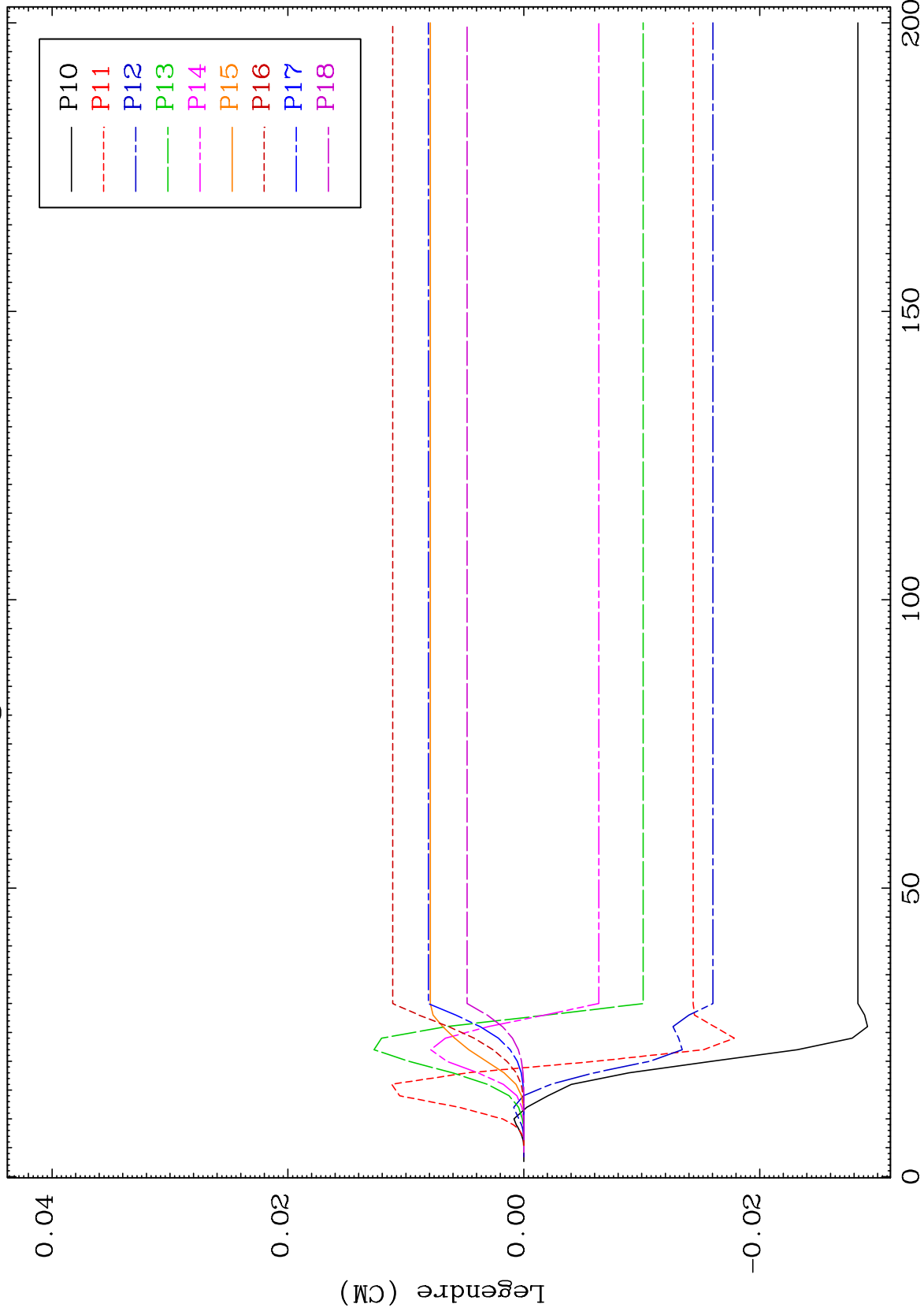
50



MAT 3834

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

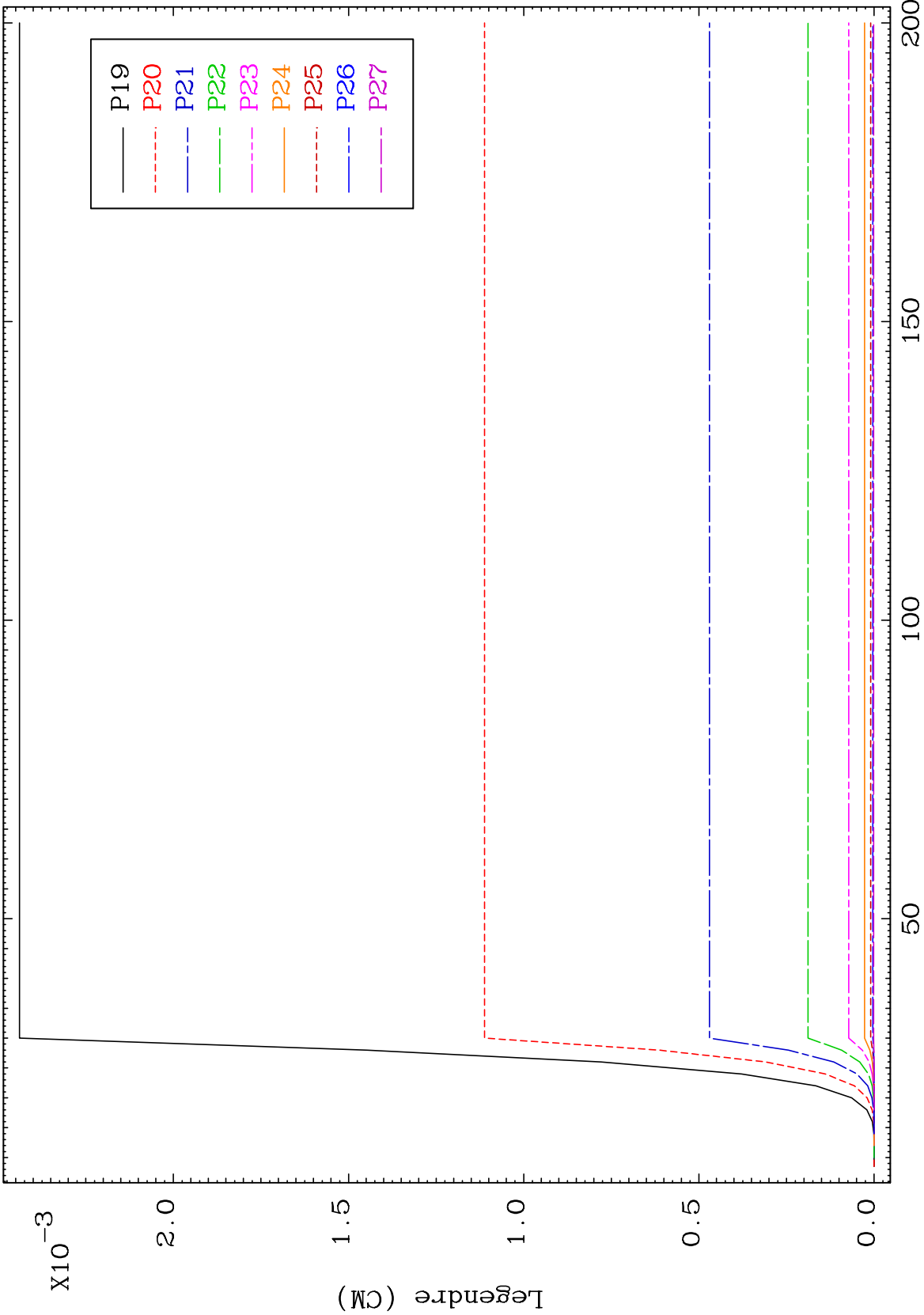
38-Sr-87



52

Incident Energy (MeV)

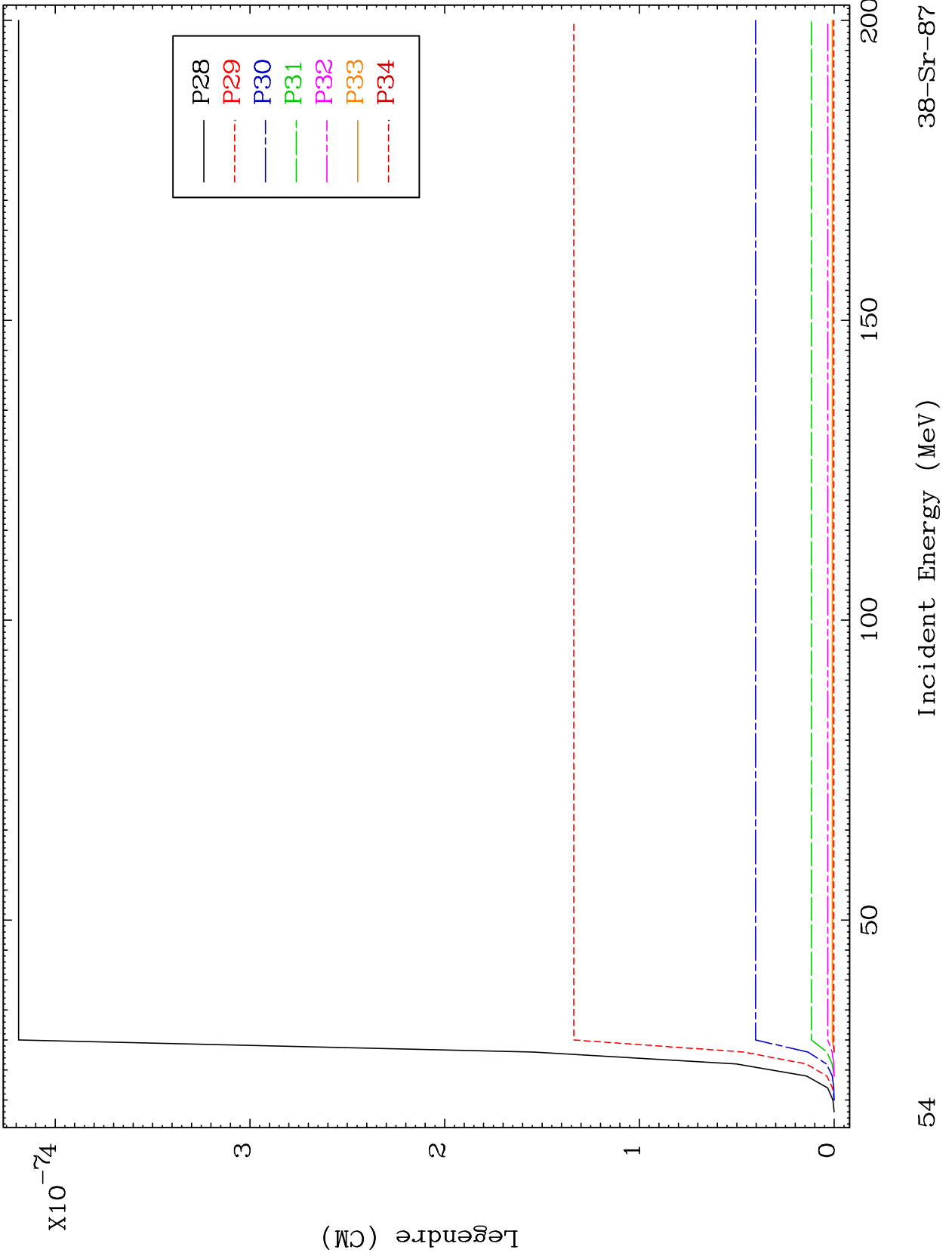
38-Sr-87



MAT 3834

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

38-Sr-87



54

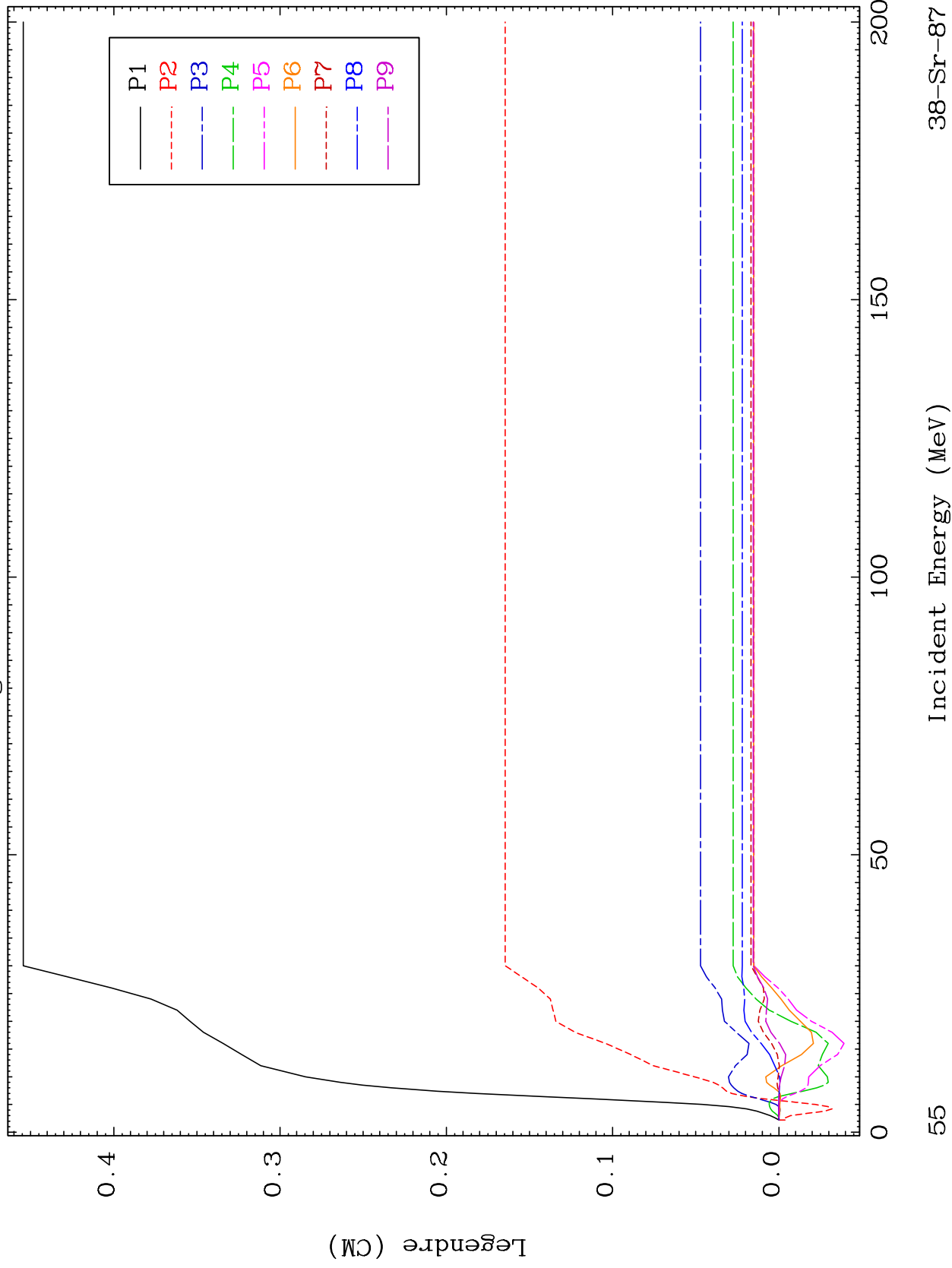
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

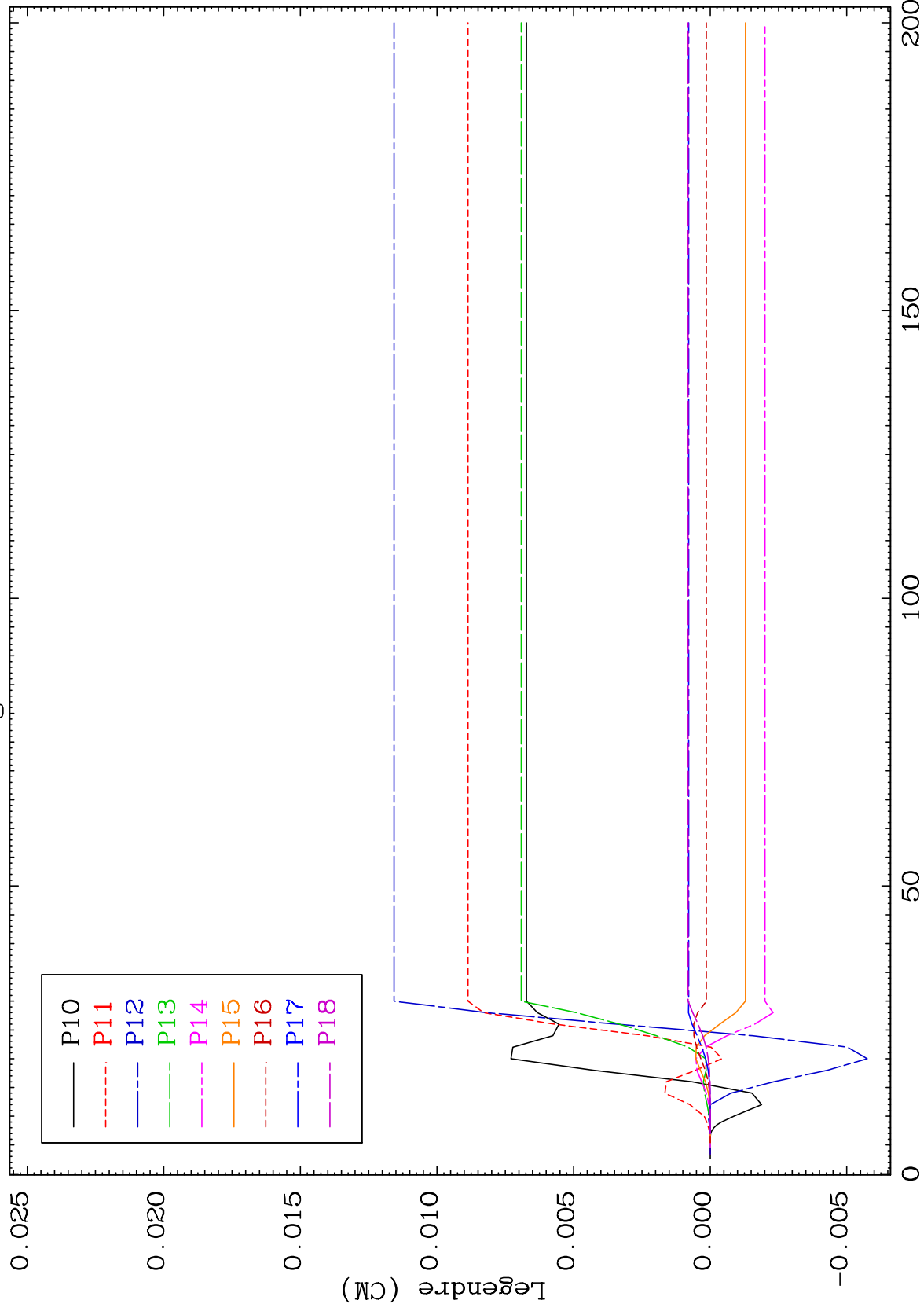
Incident Energy (MeV)

55

MAT 3834

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

38-Sr-87



56

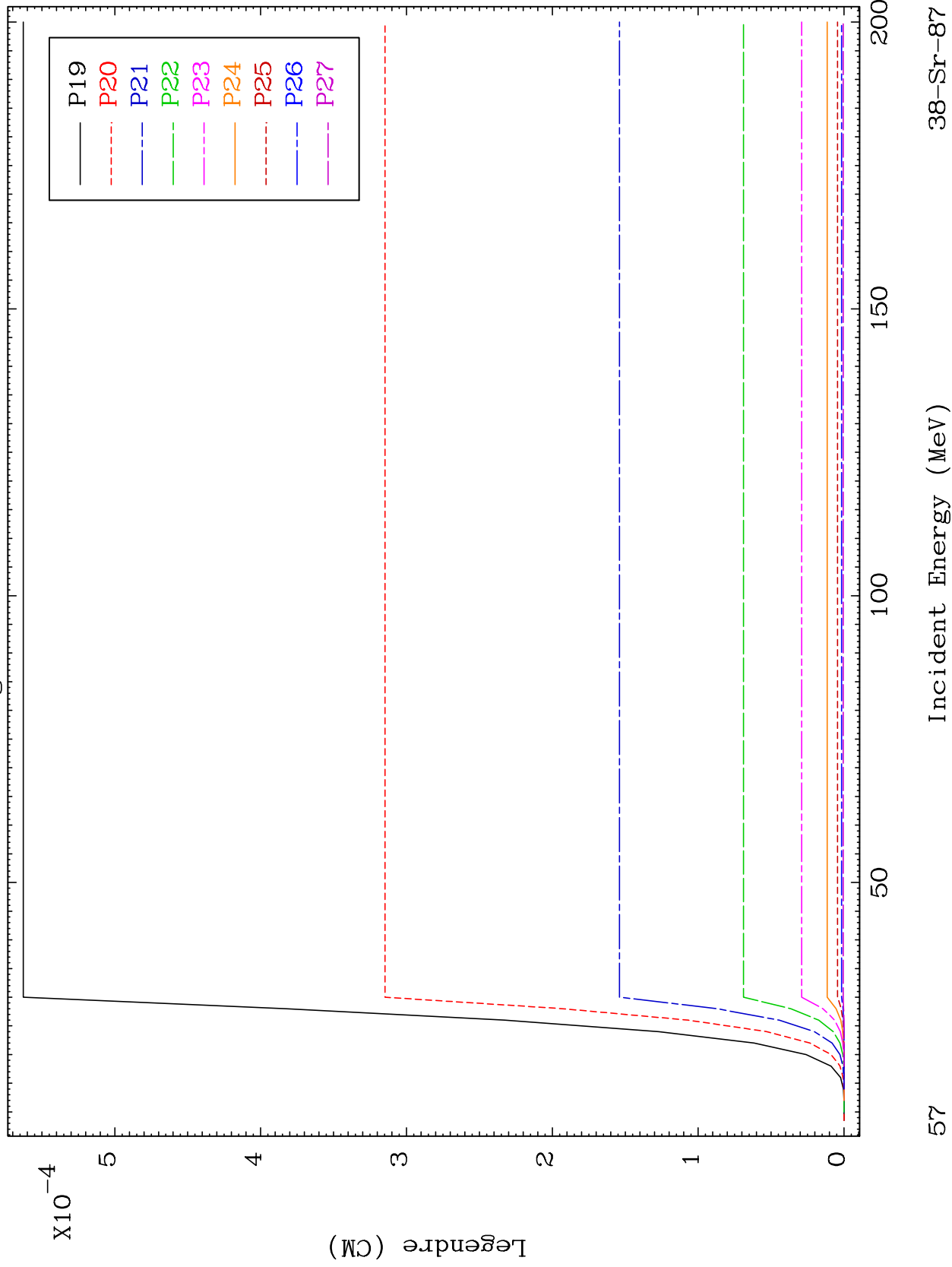
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



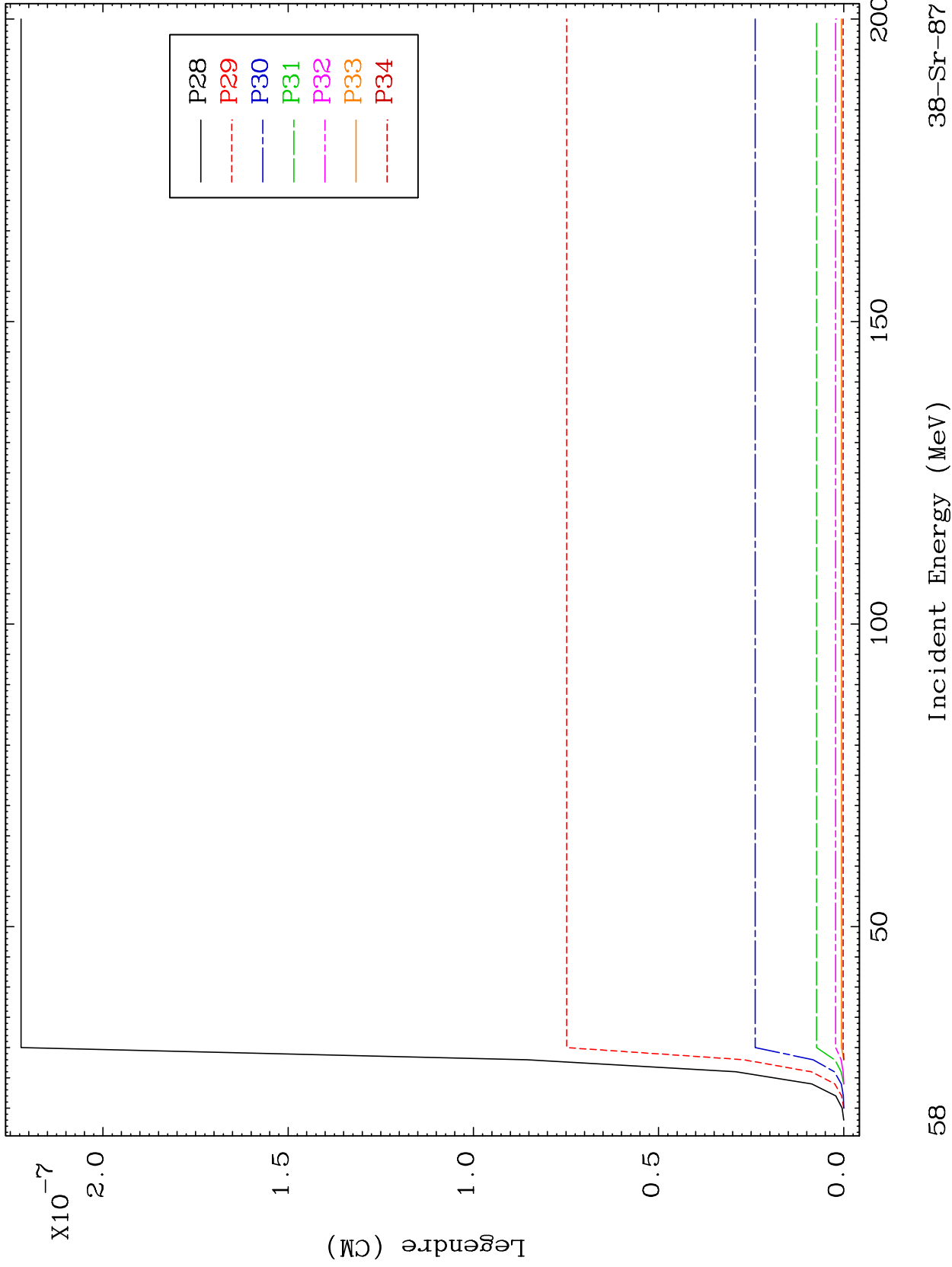
57

38-Sr-87

MAT 3834

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

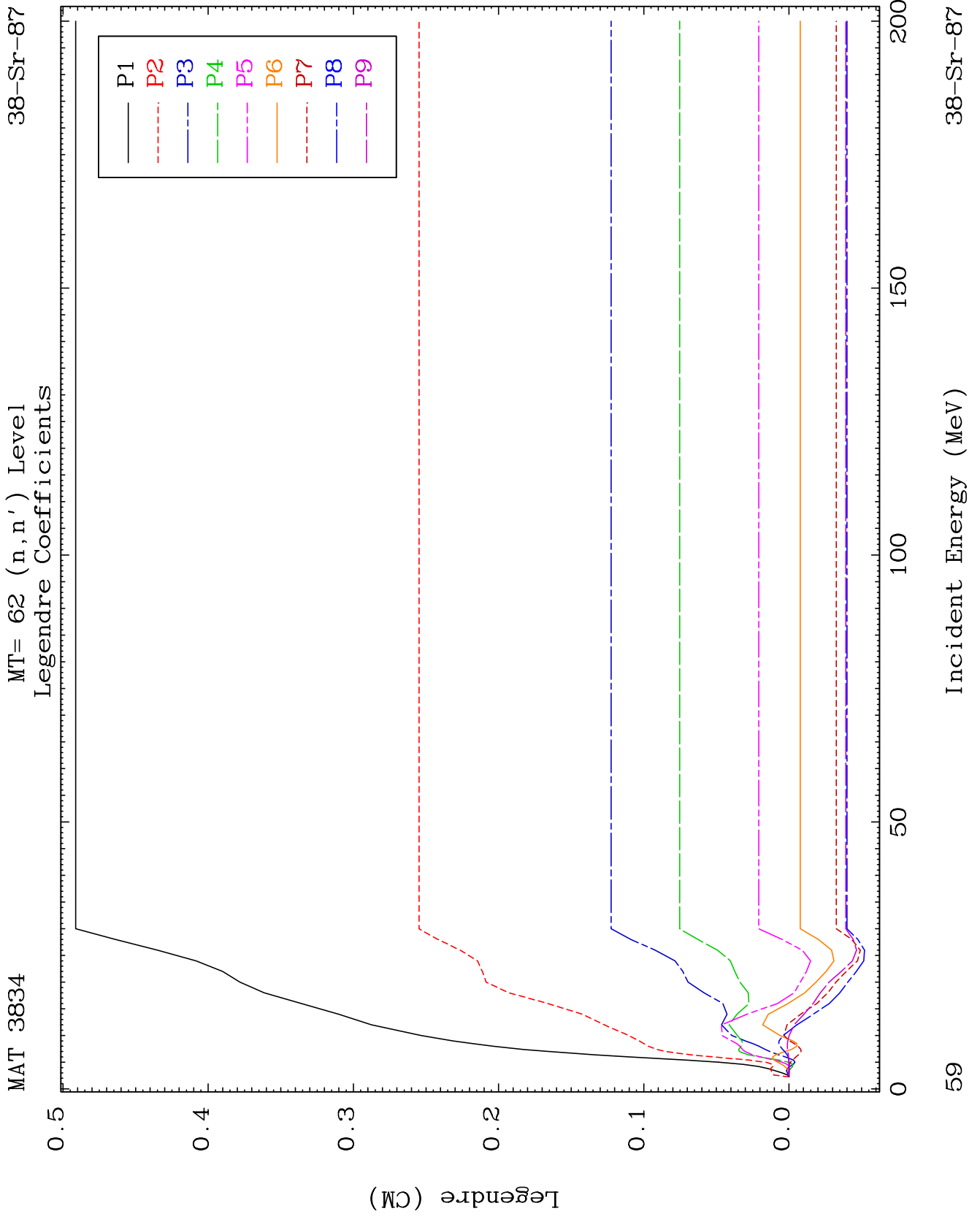
38-Sr-87



58

Incident Energy (MeV)

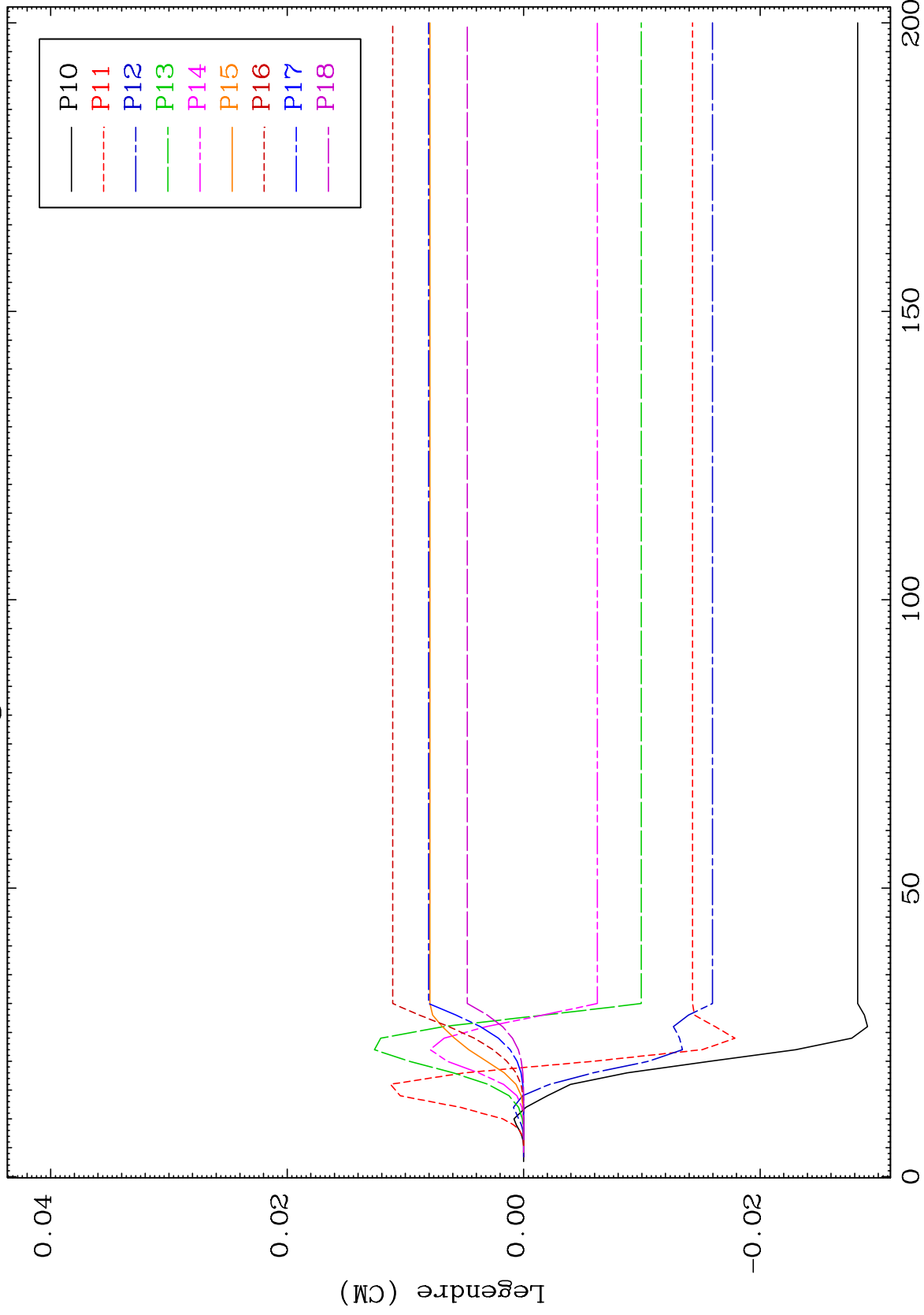
38-Sr-87



MAT 3834

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

38-Sr-87



60

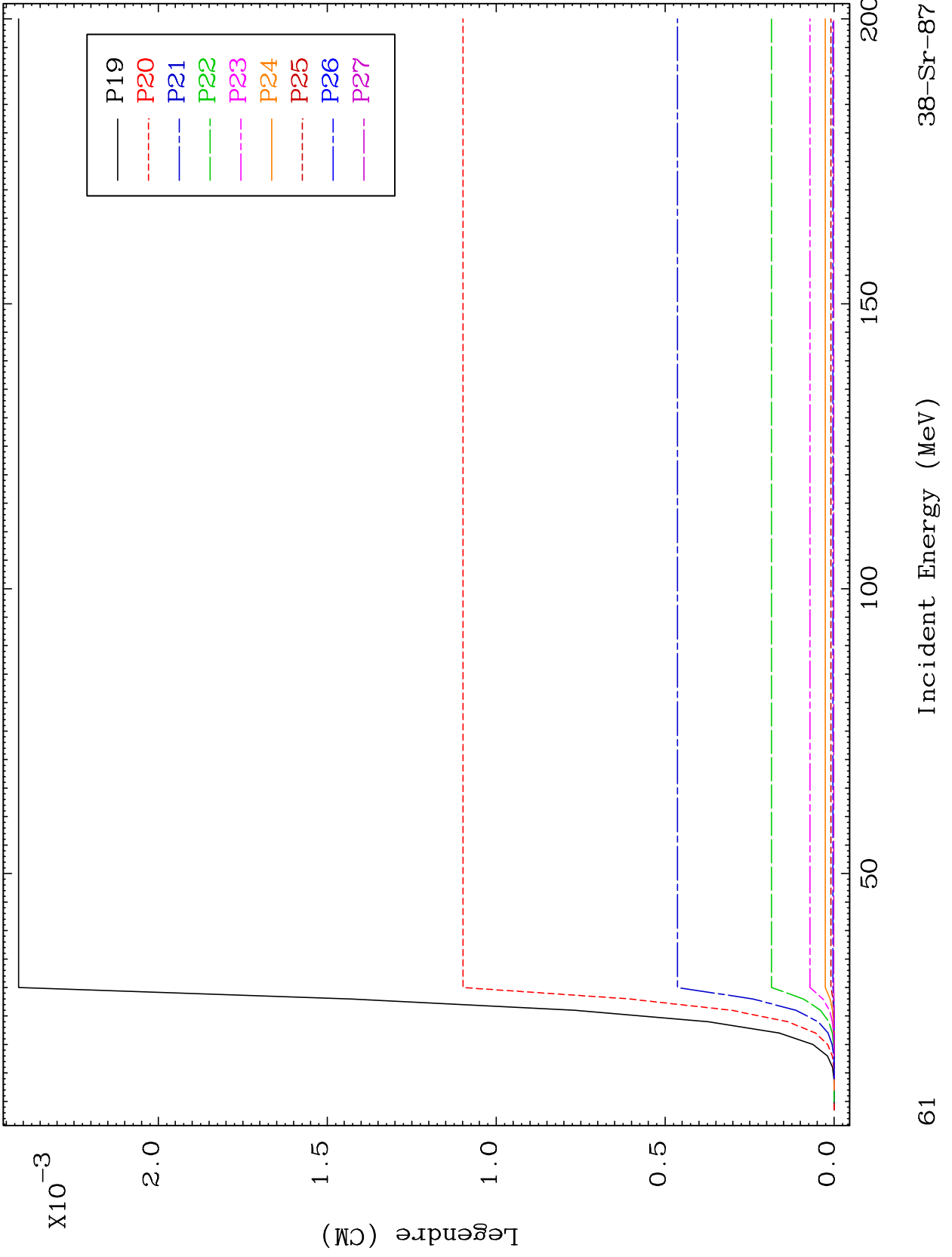
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



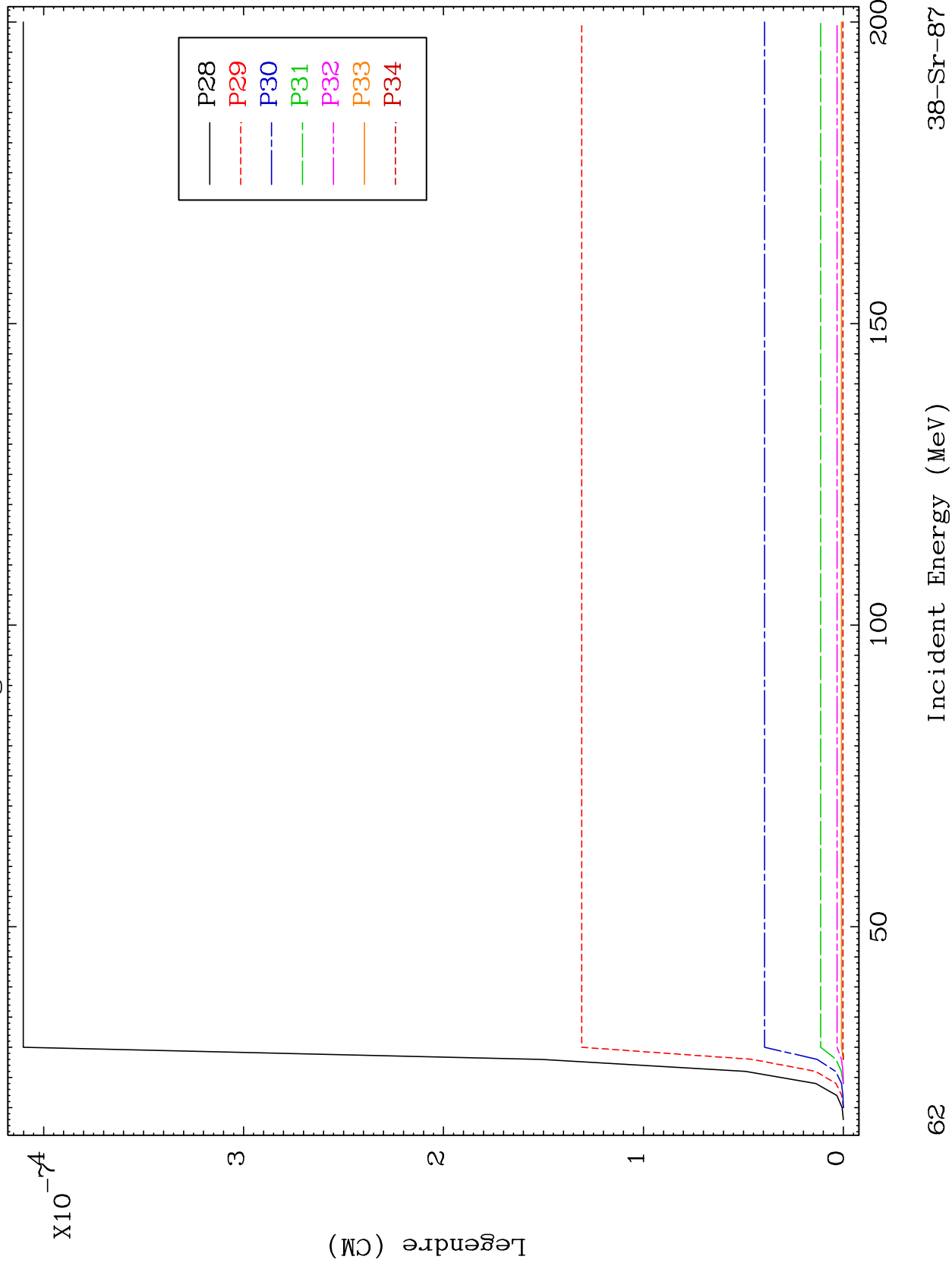
61

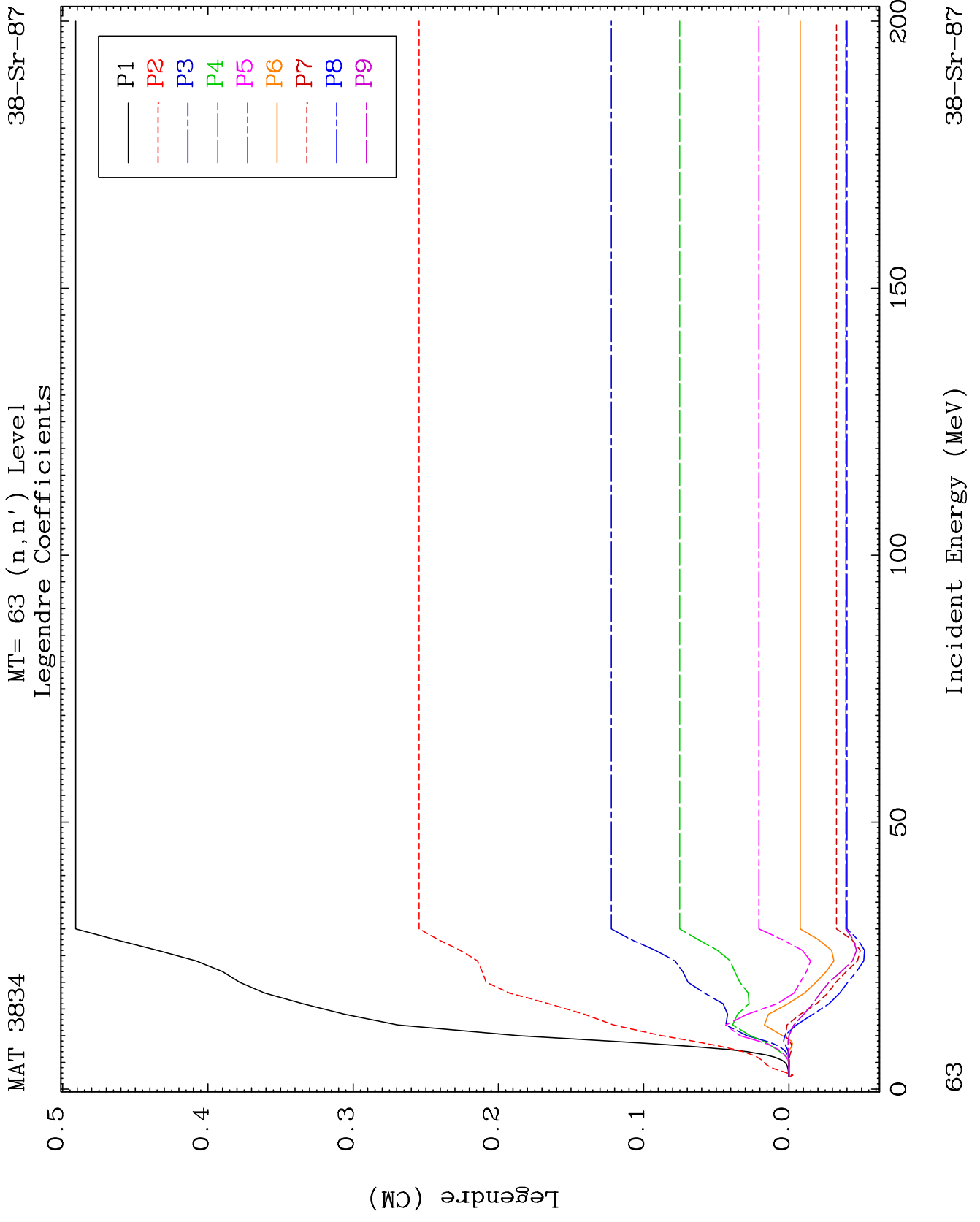
38-Sr-87

MAT 3834

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

38-Sr-87

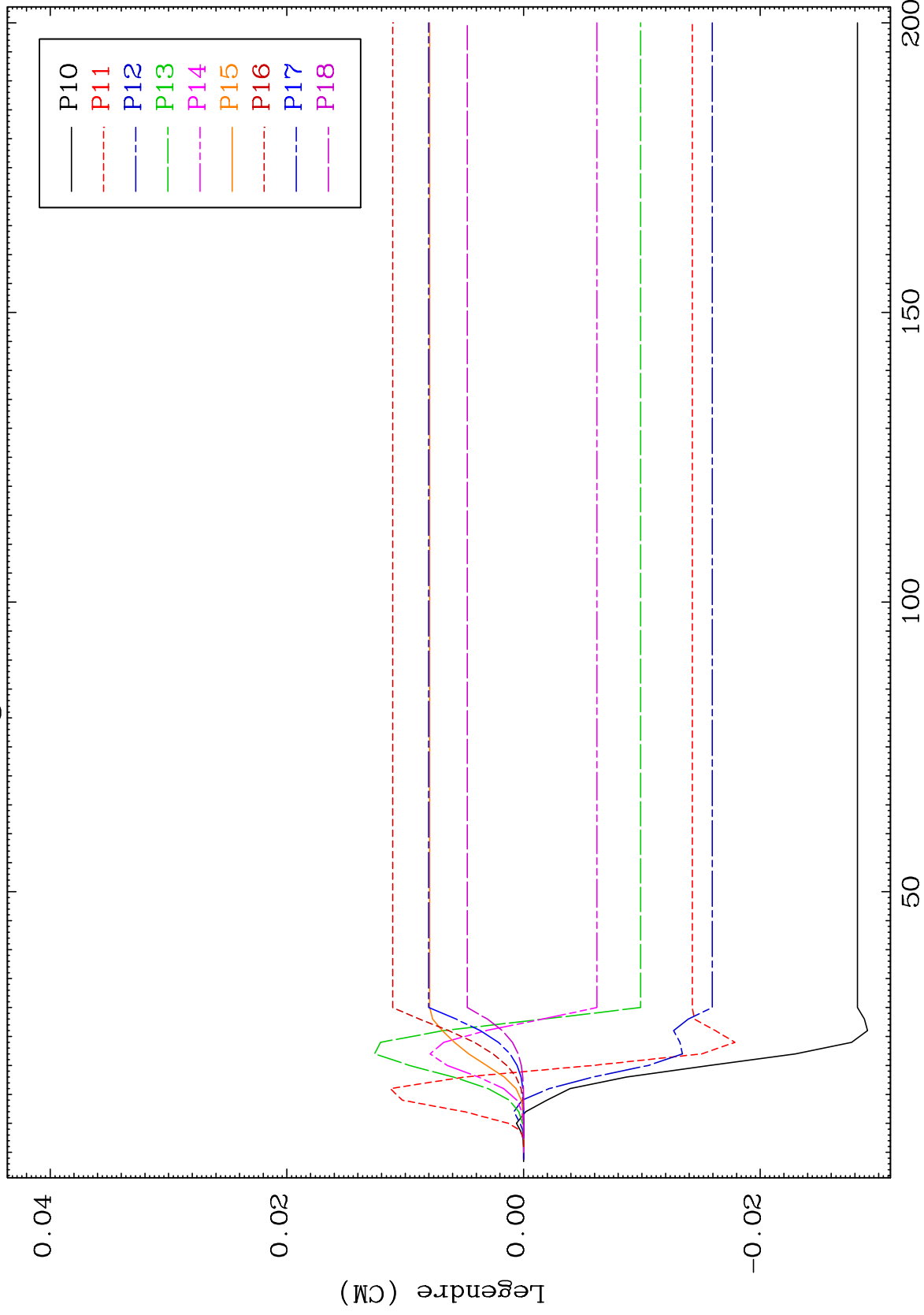




MAT 3834

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

38-Sr-87



64

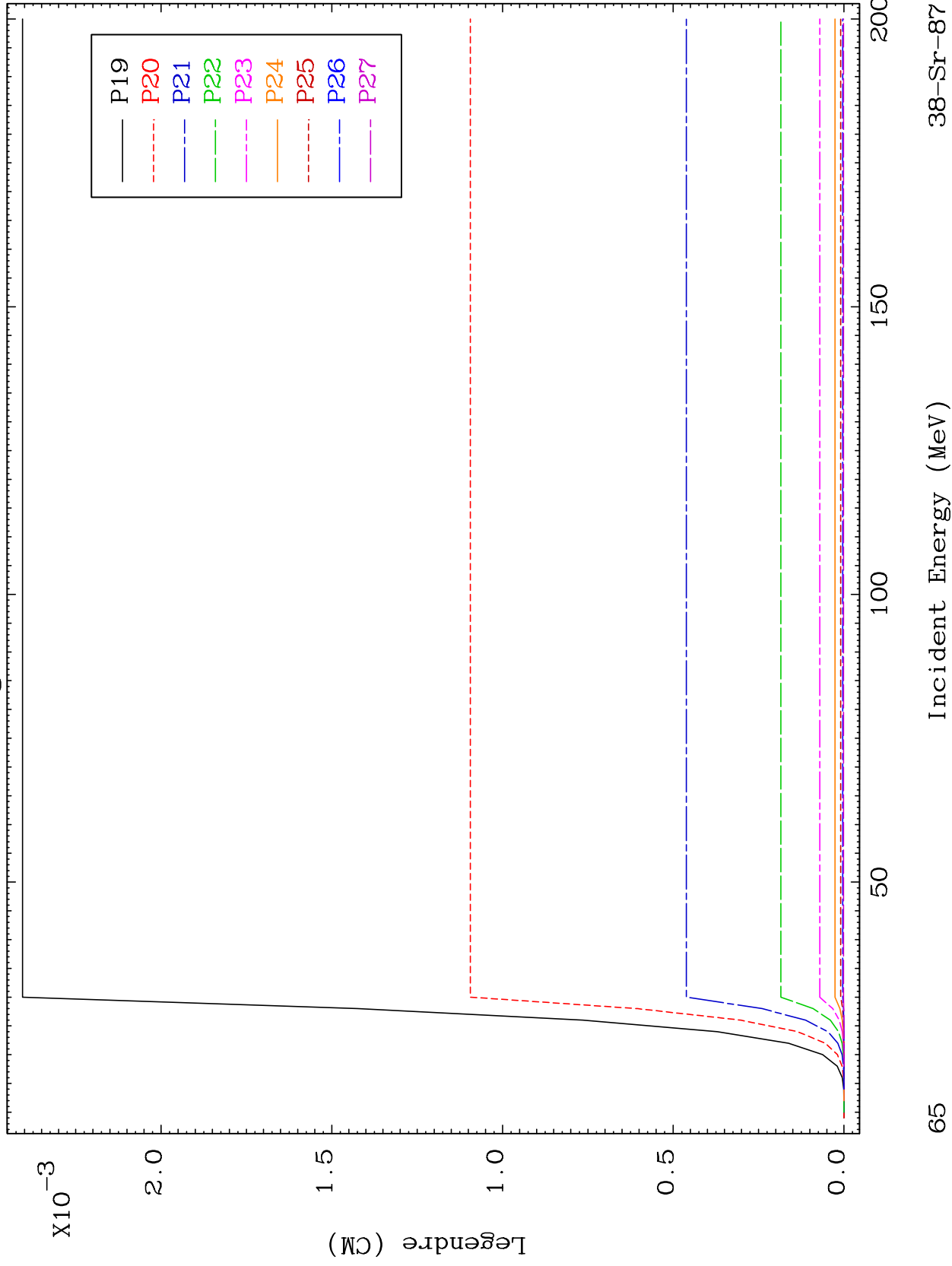
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



65

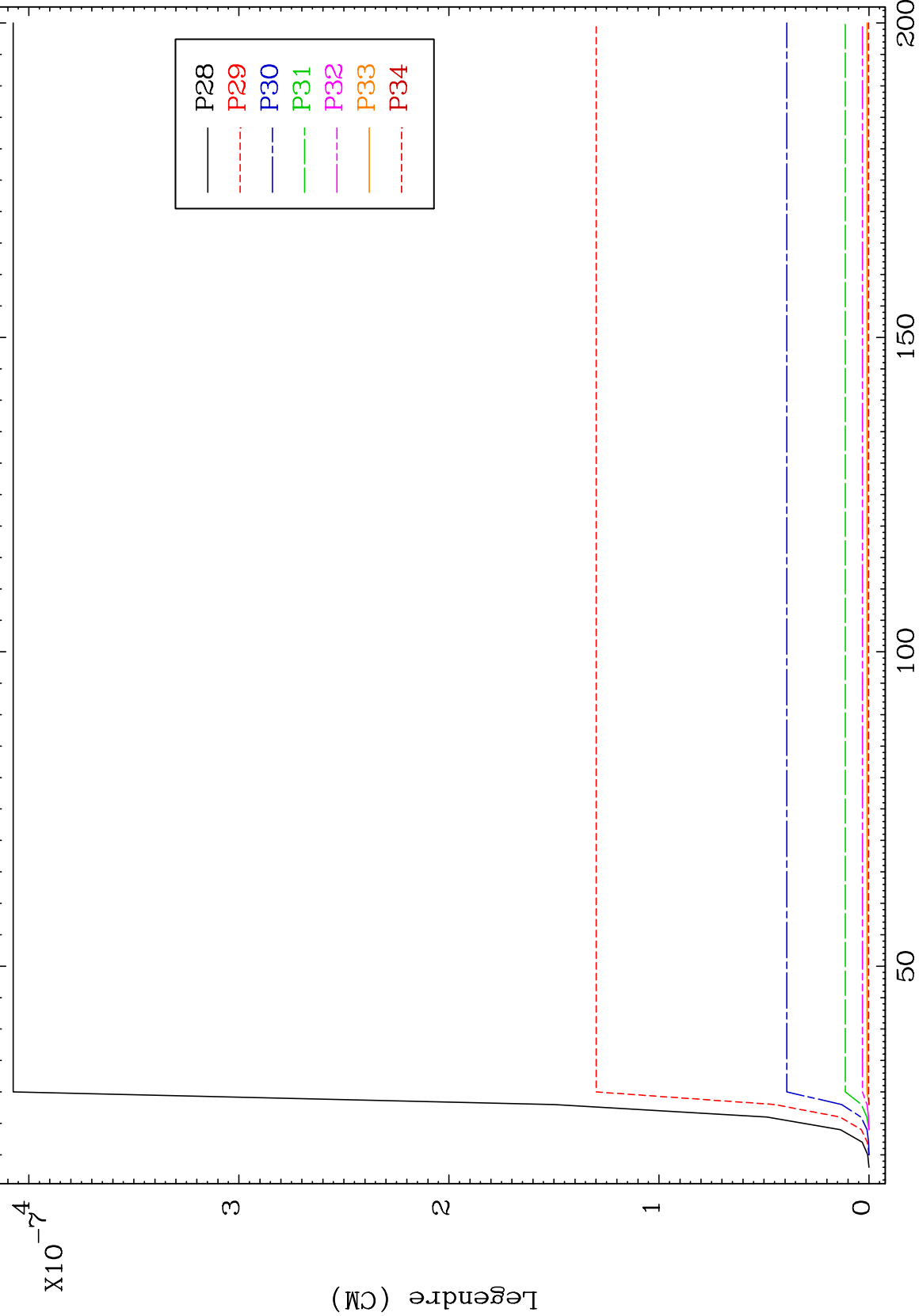
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



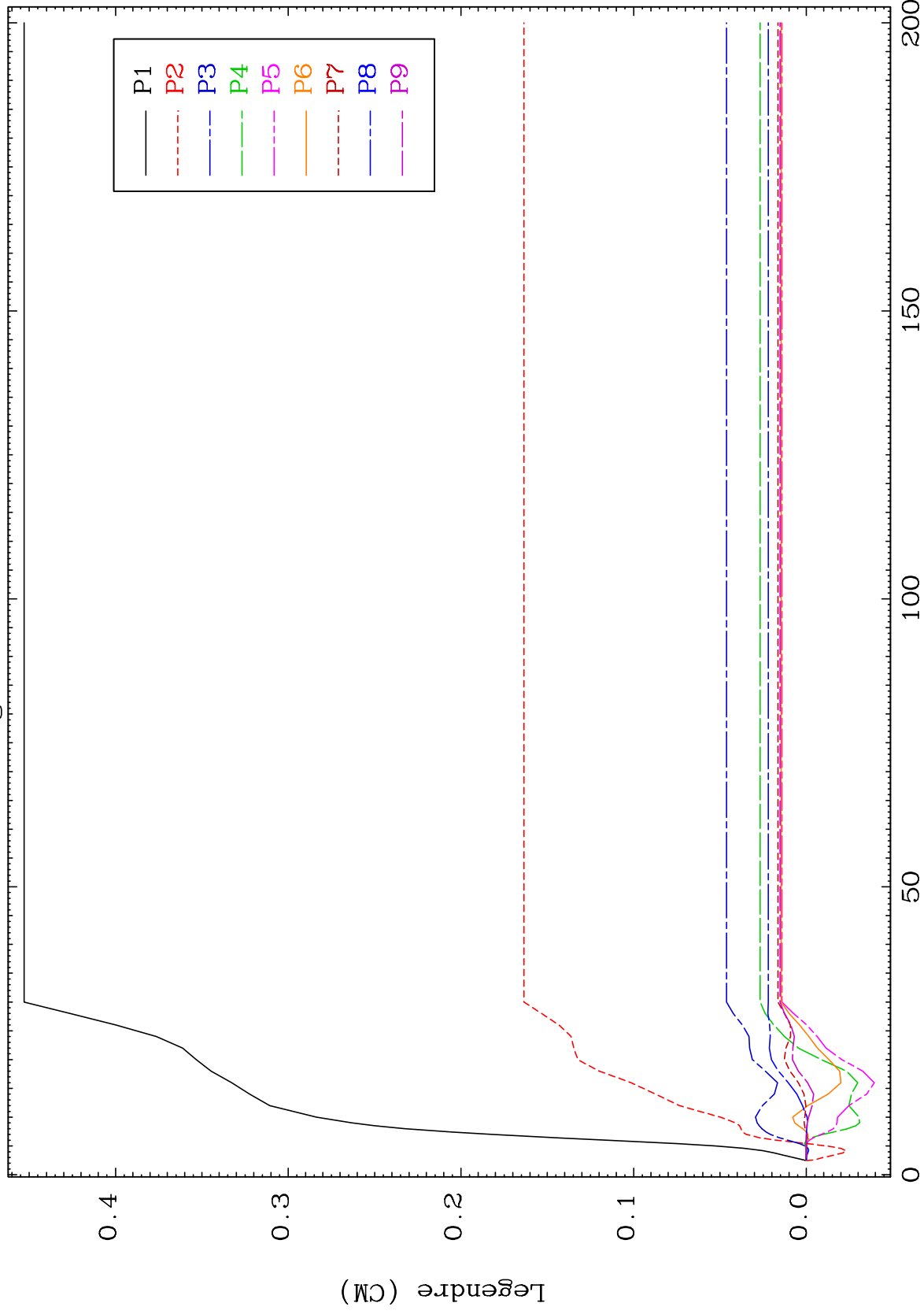
66

38-Sr-87

MAT 3834

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

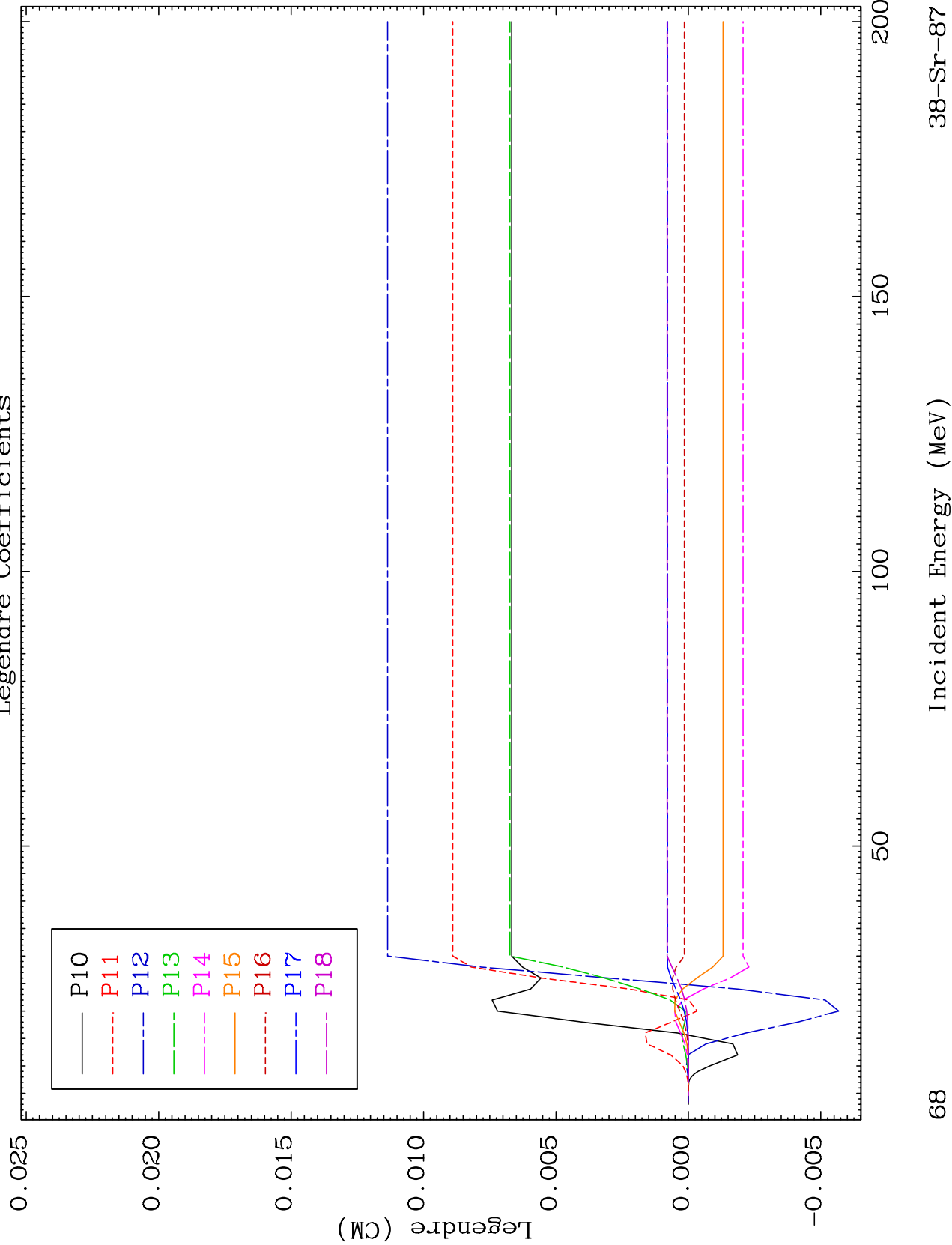
38-Sr-87



67

Incident Energy (MeV)

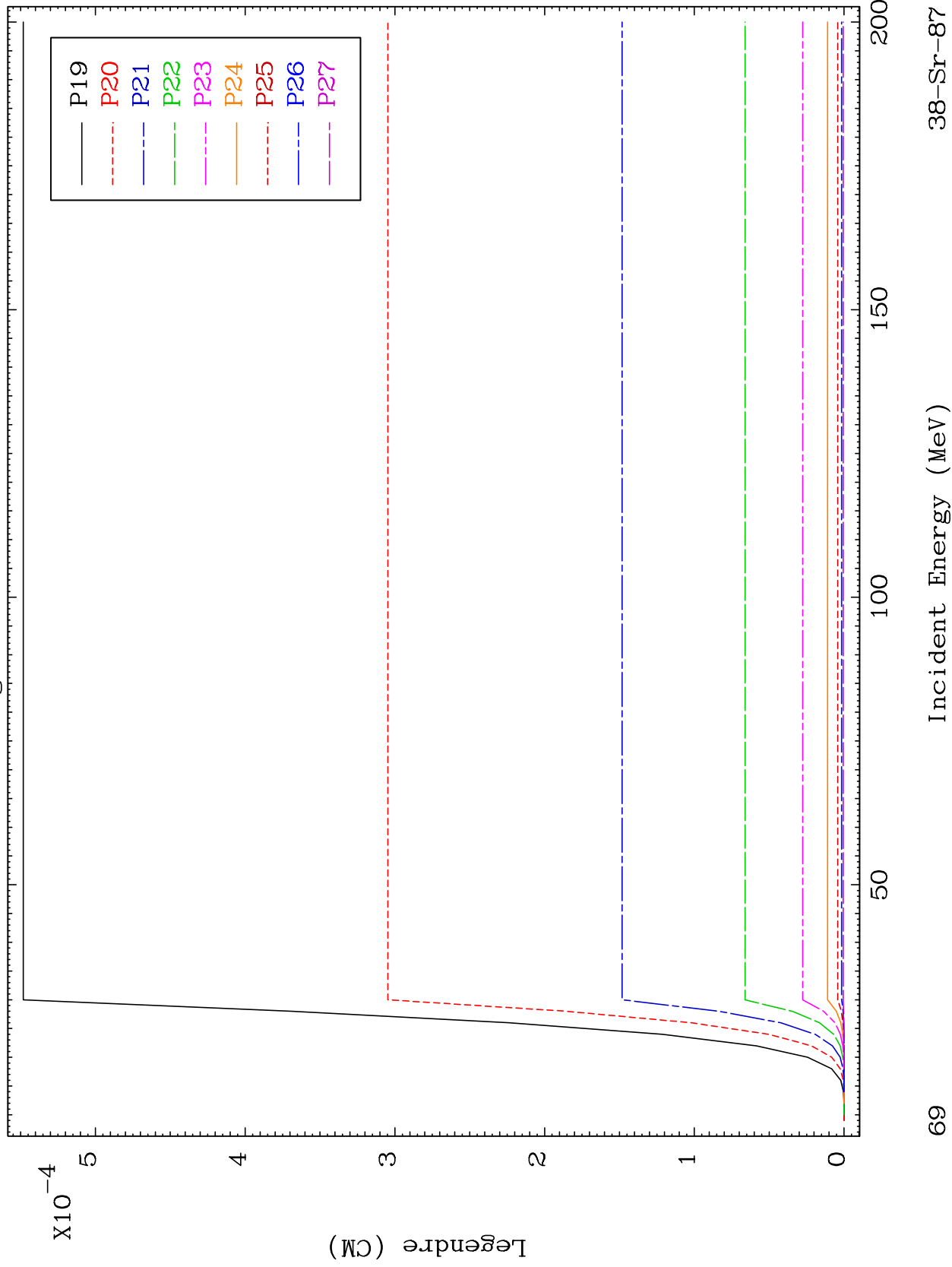
38-Sr-87



MAT 3834

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

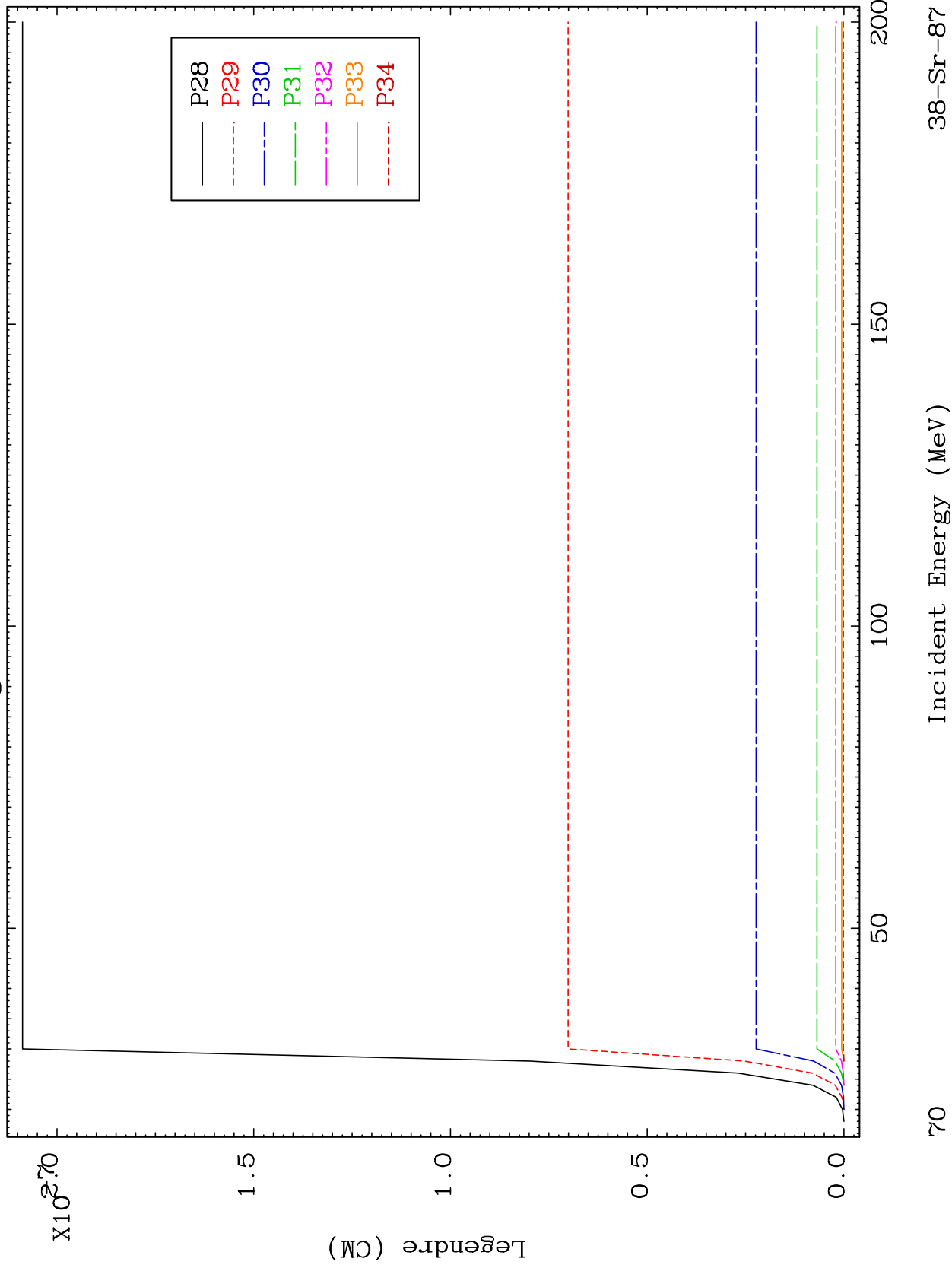
38-Sr-87



MAT 3834

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

38-Sr-87



38-Sr-87

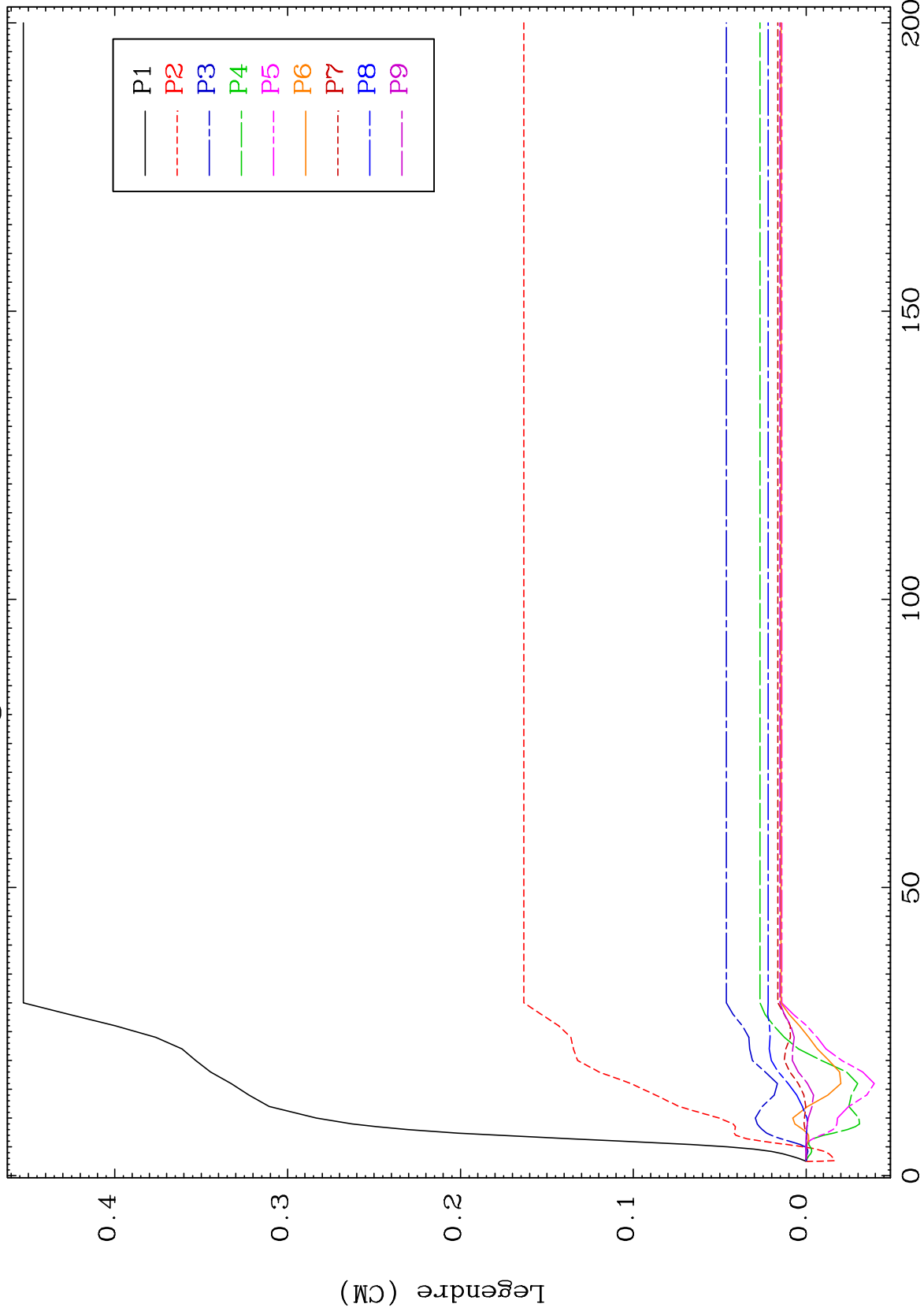
Incident Energy (MeV)

70

MAT 3834

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

38-Sr-87



71

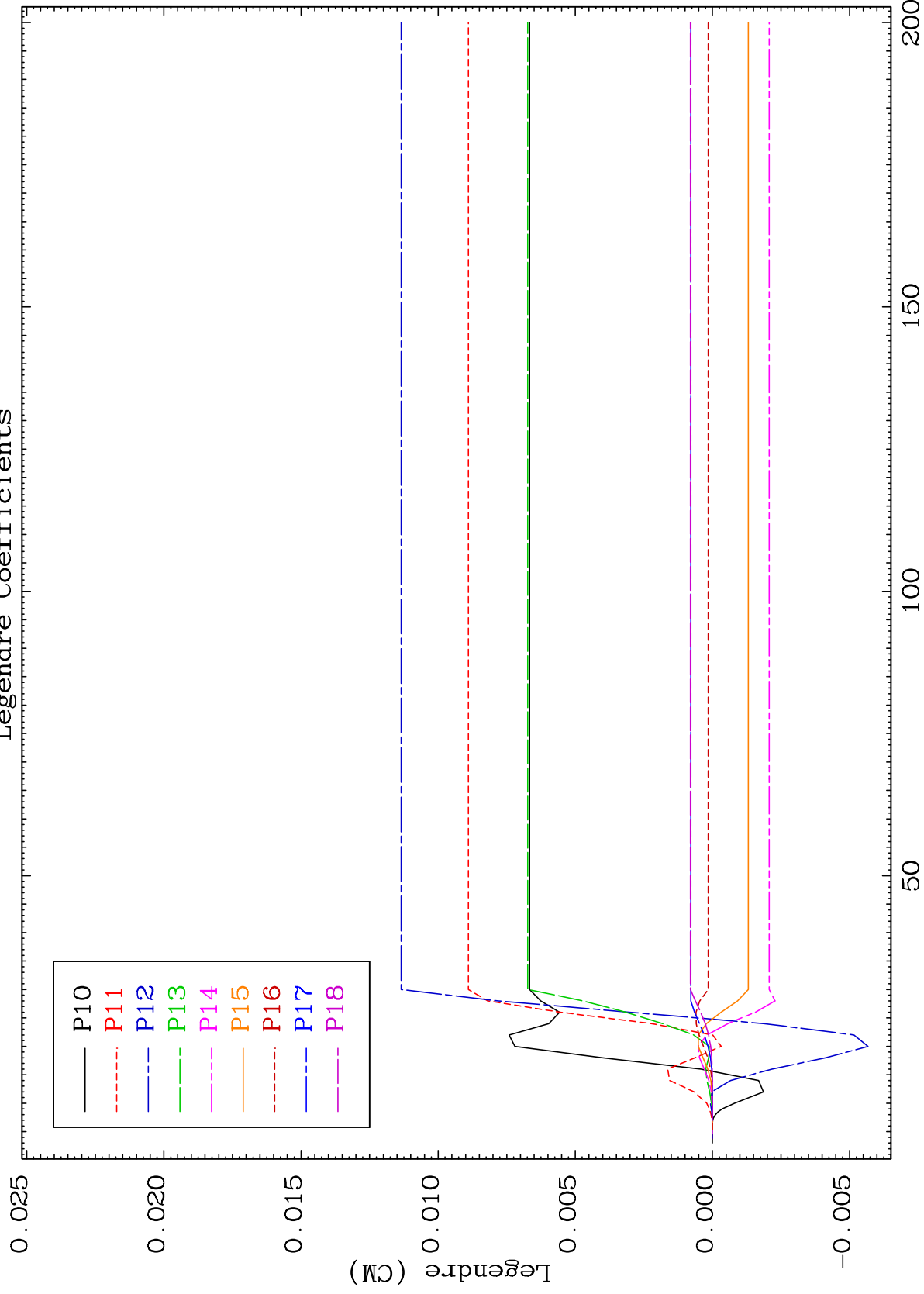
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



72

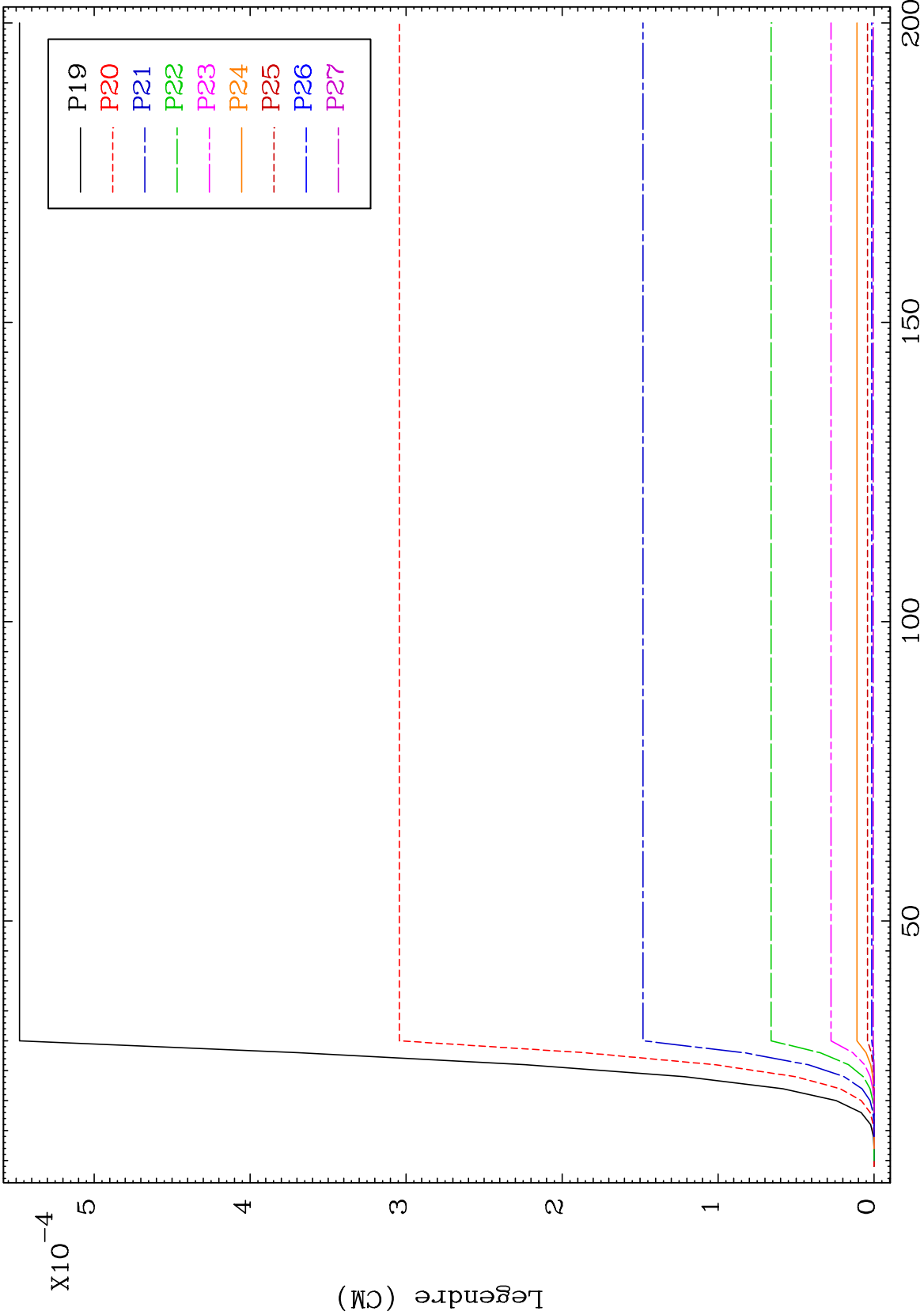
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



73

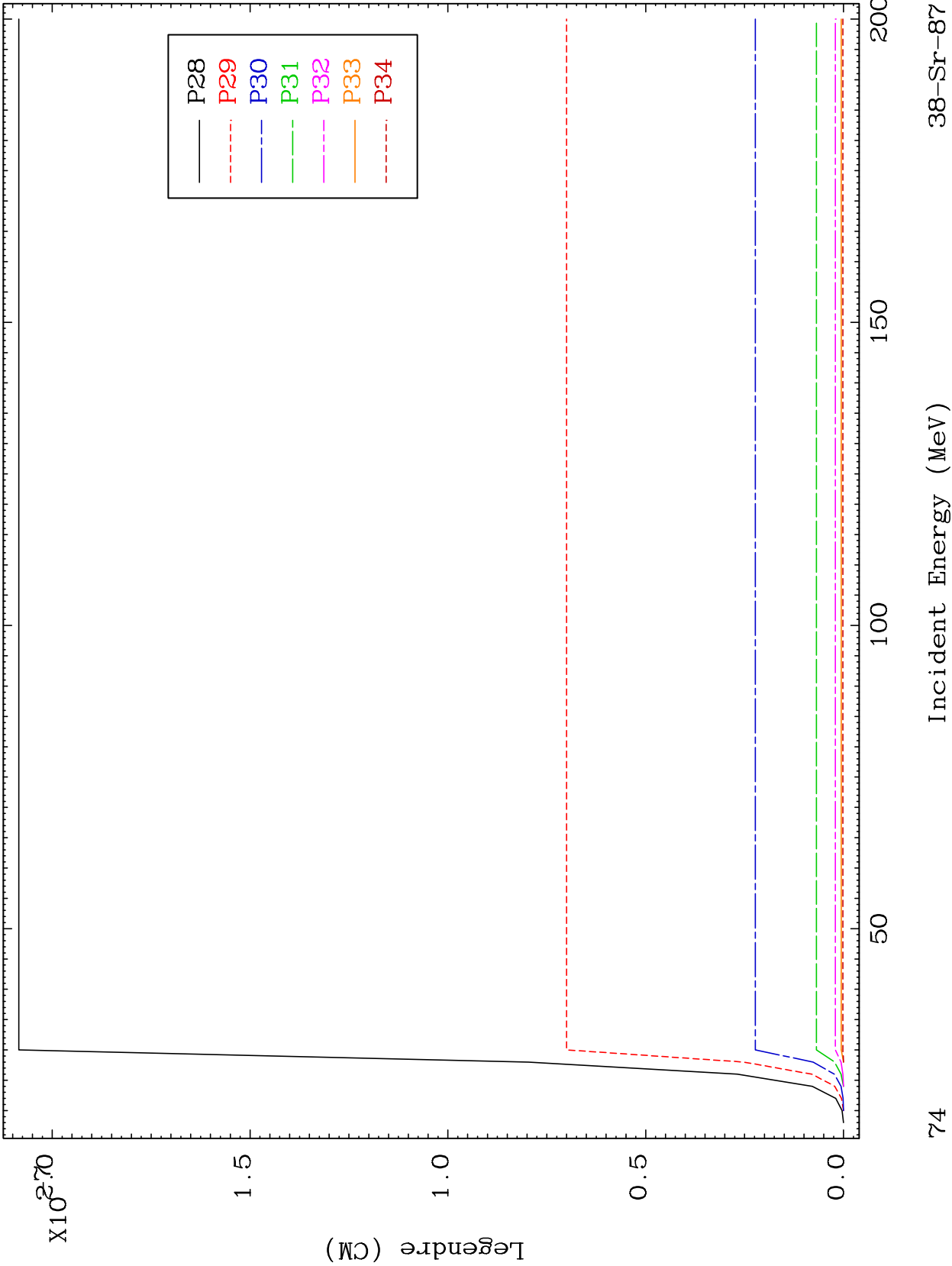
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



74

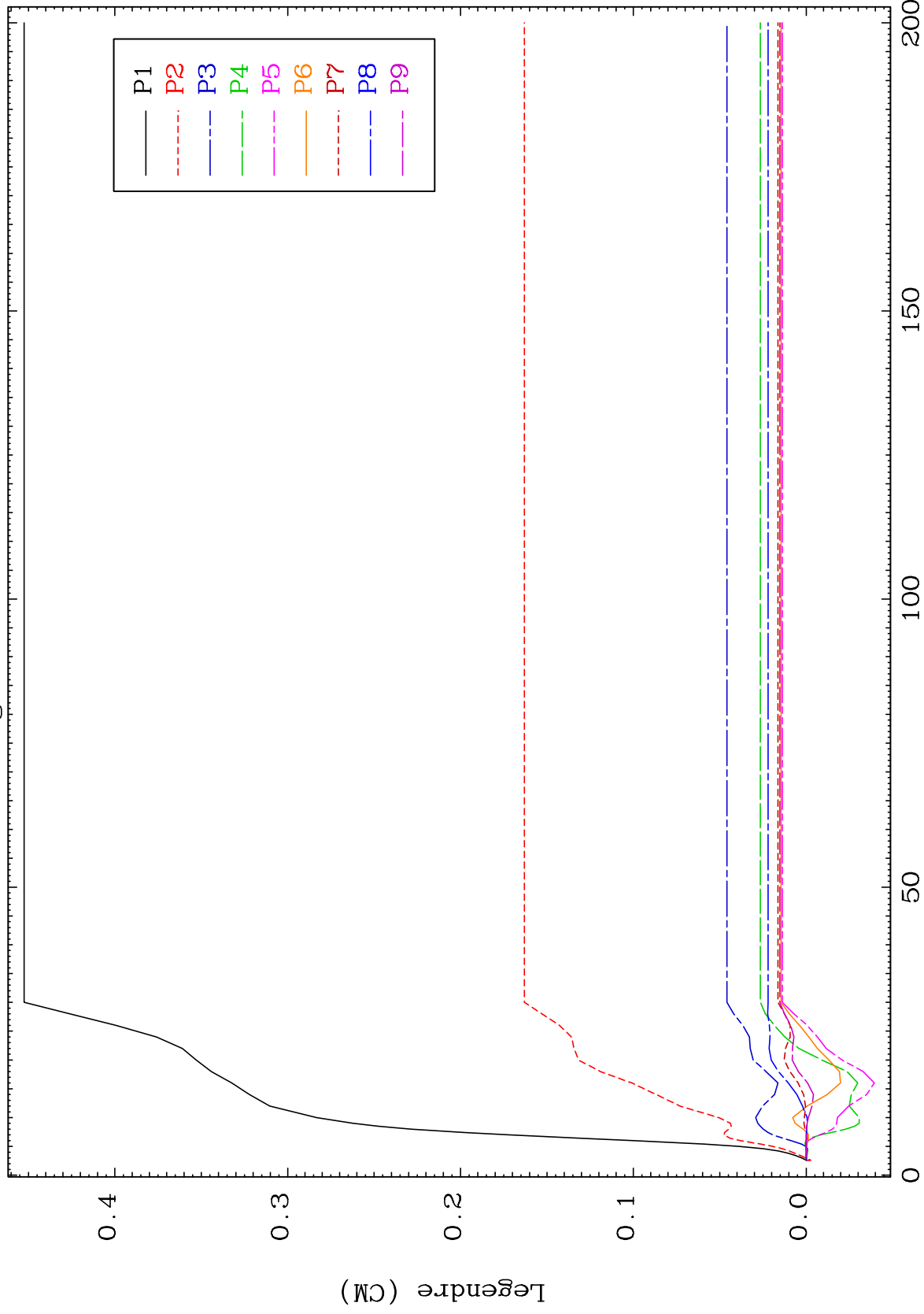
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



75

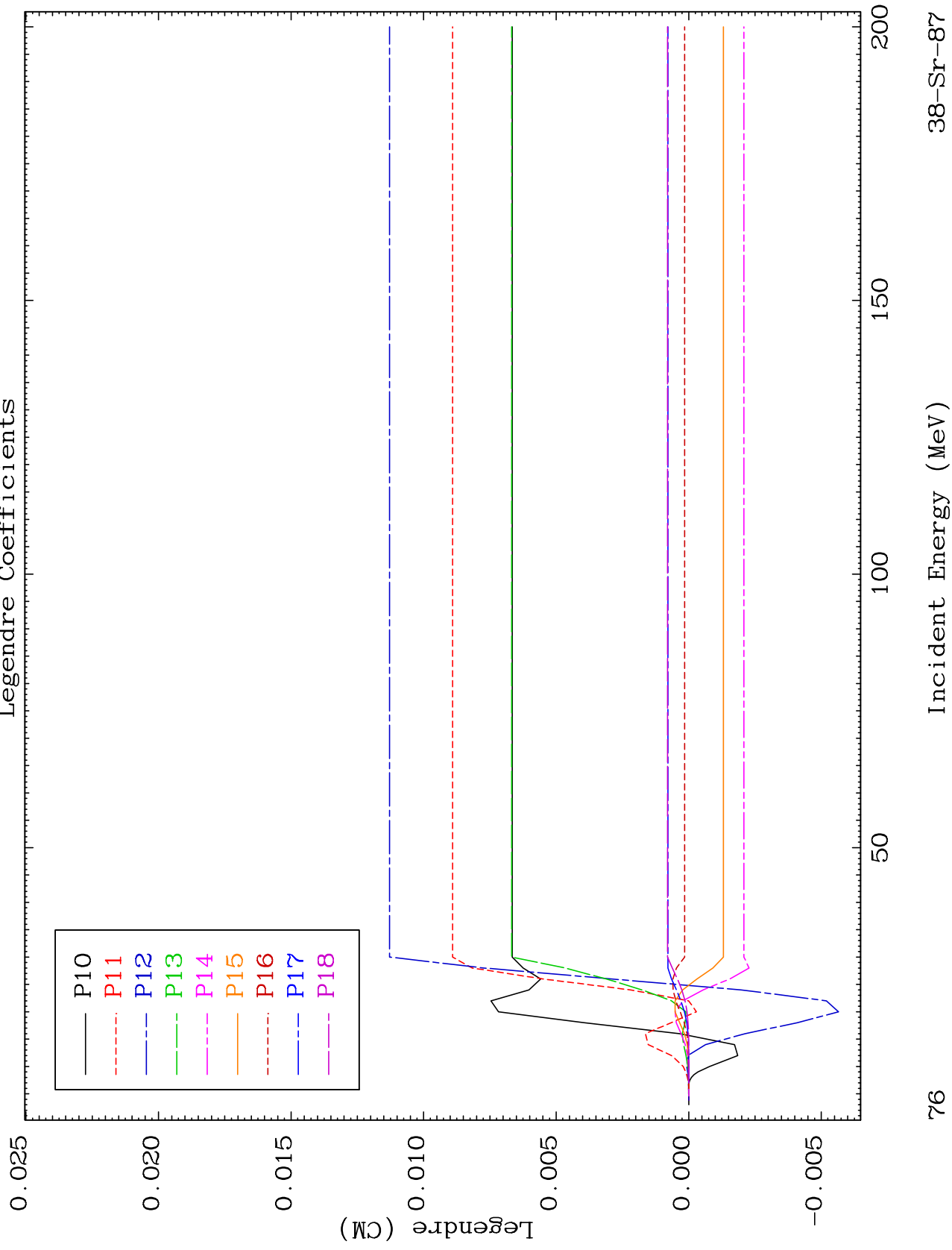
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



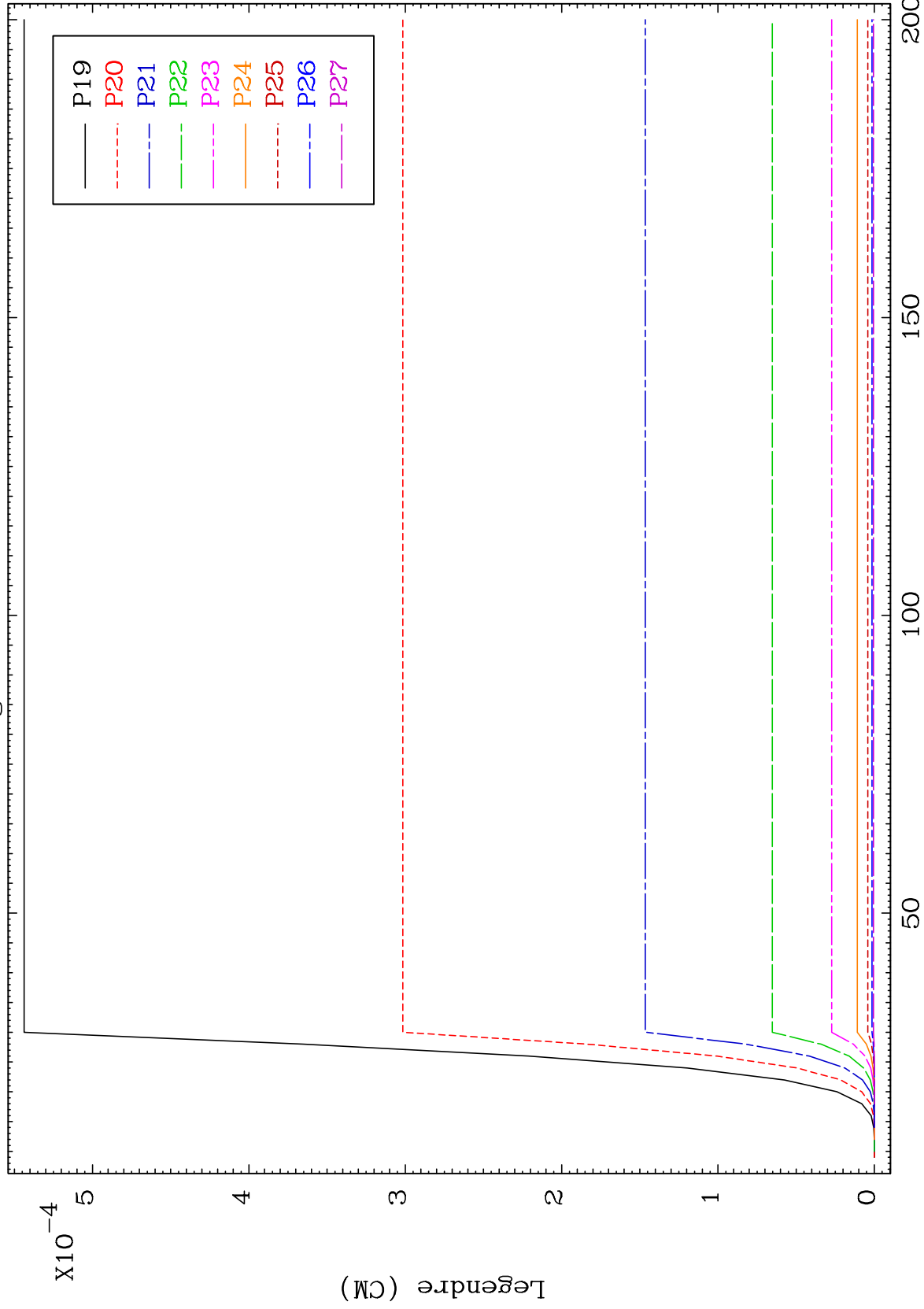
76

38-Sr-87

MAT 3834

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

38-Sr-87



77

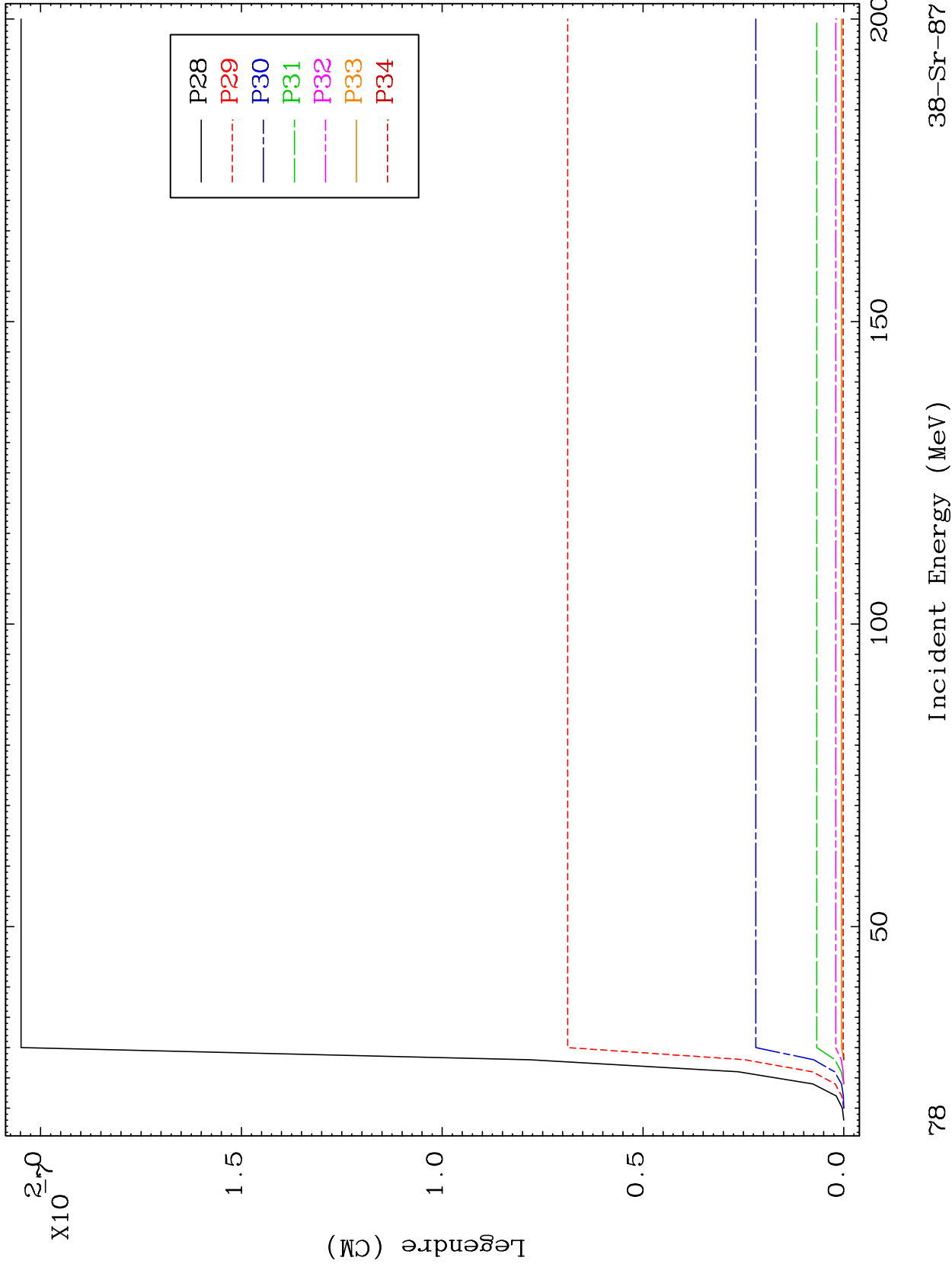
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

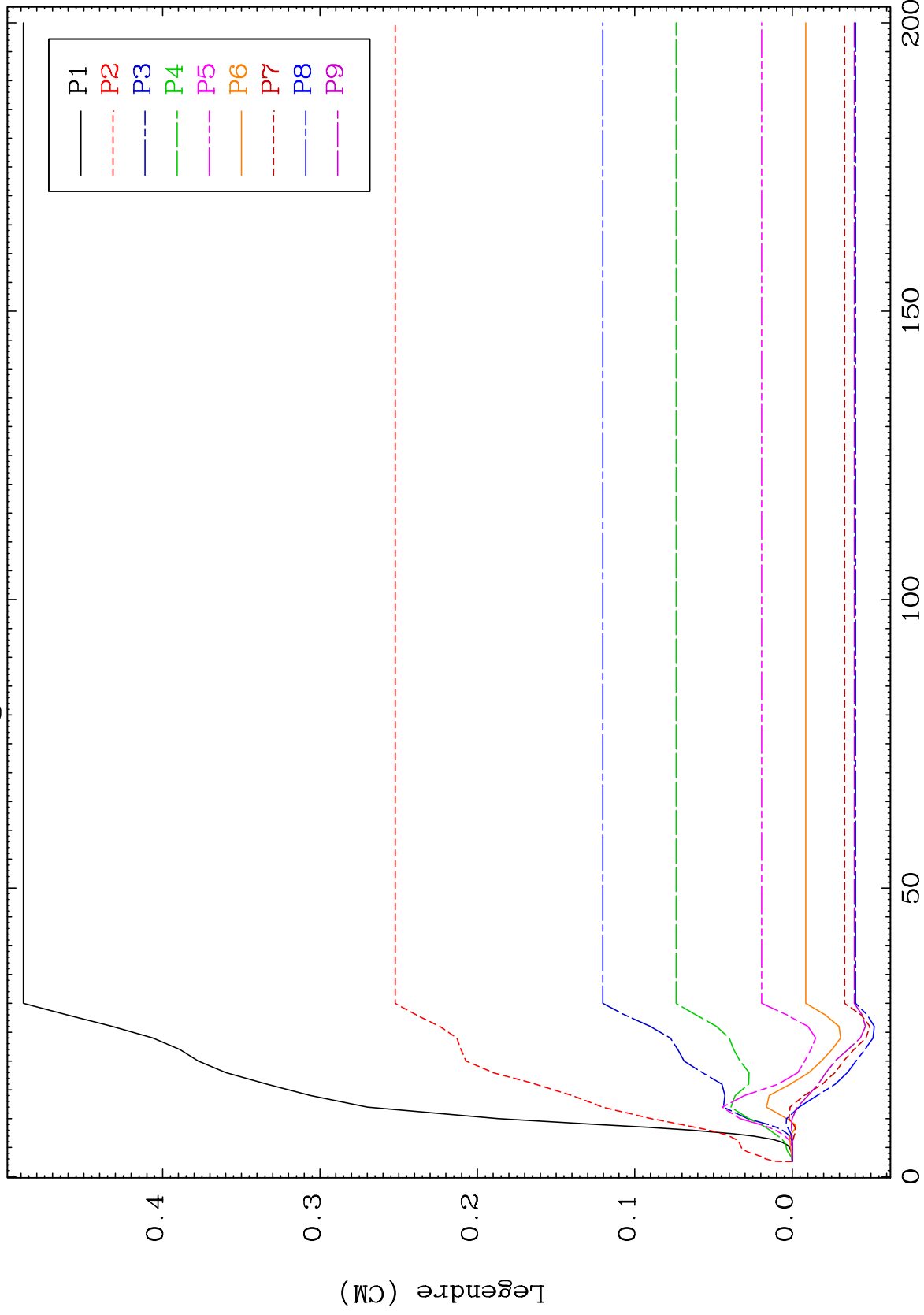
38-Sr-87



MAT 3834

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

38-Sr-87



79

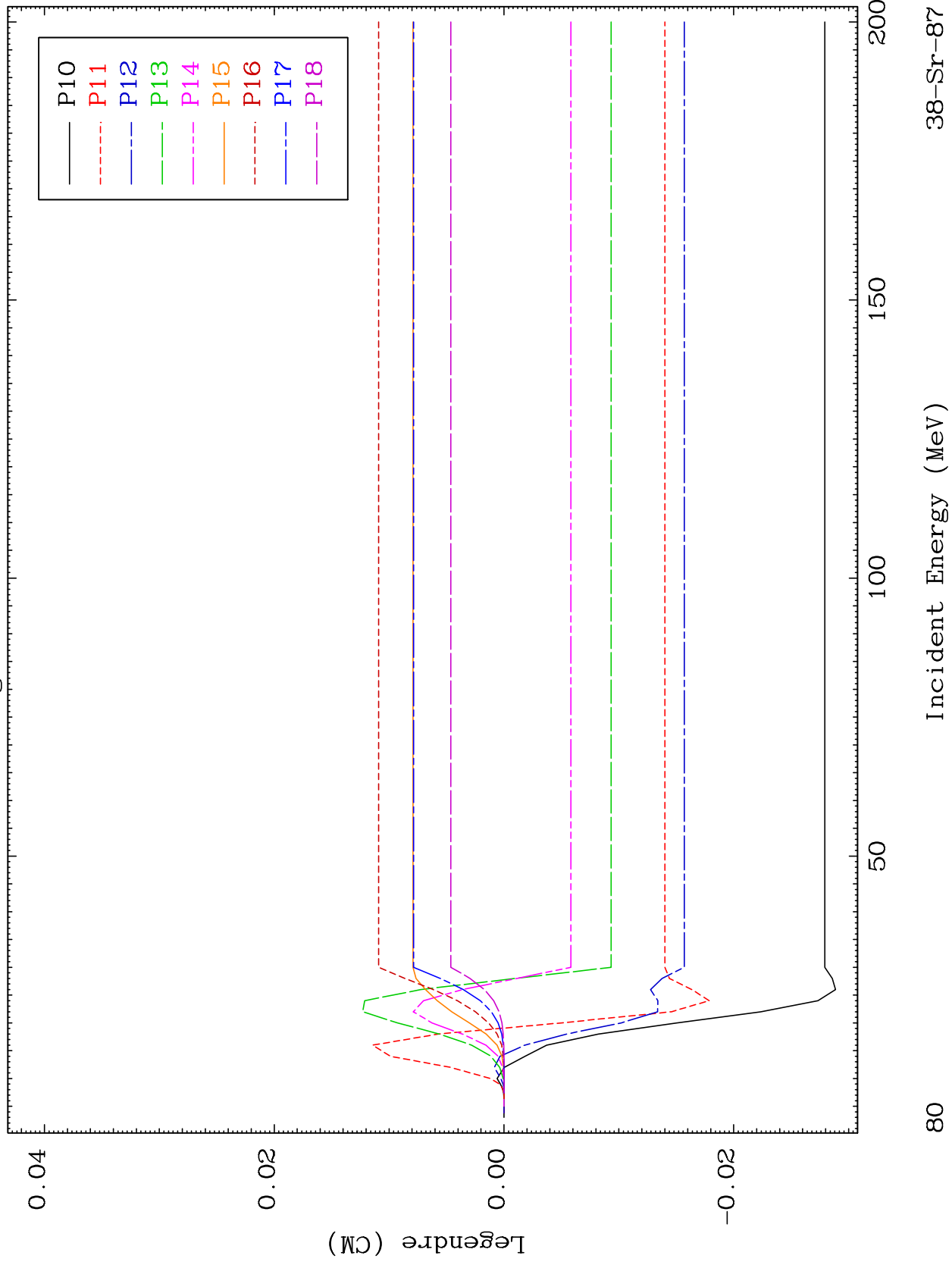
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

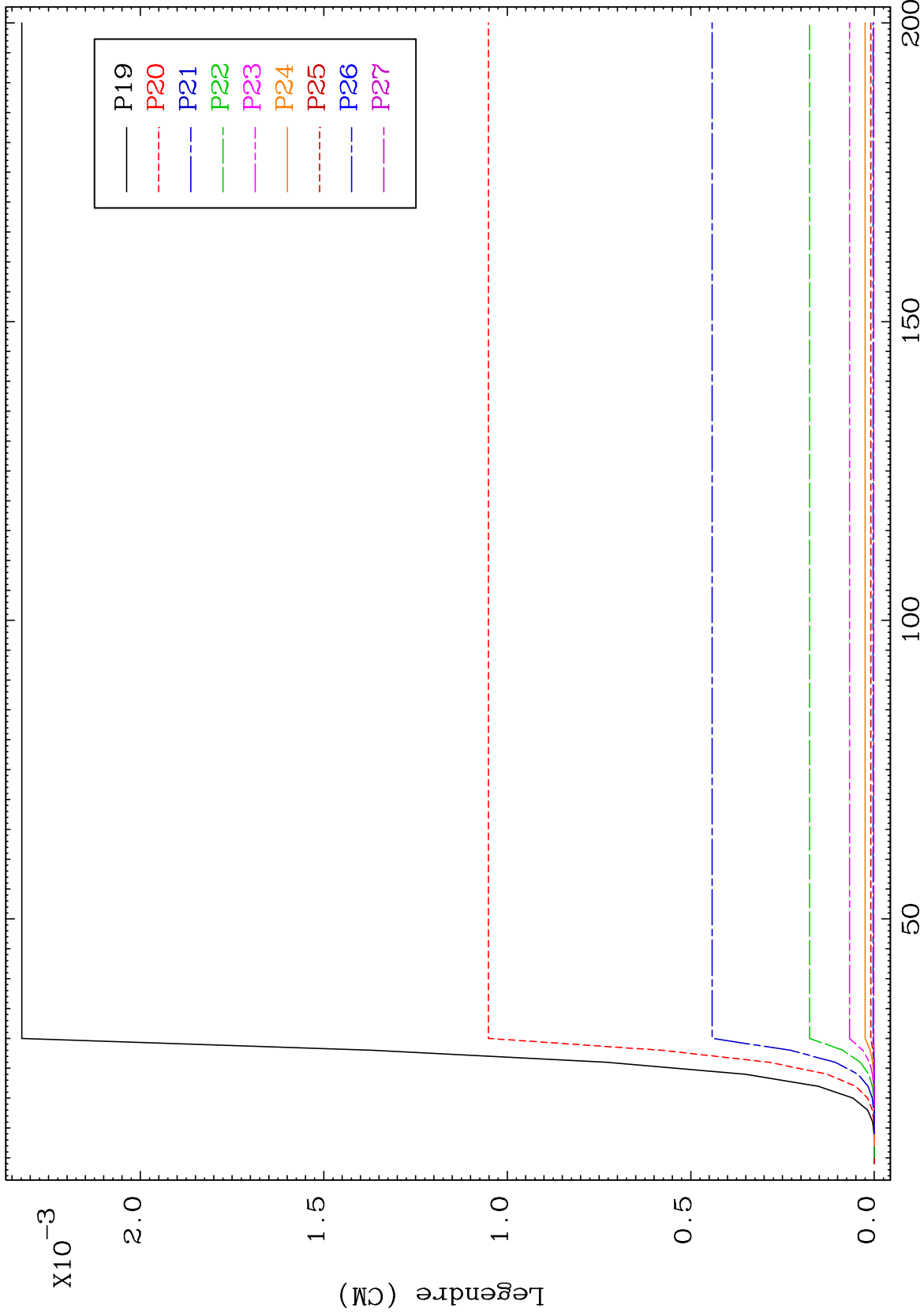
Incident Energy (MeV)

80

MAT 3834

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

38-Sr-87



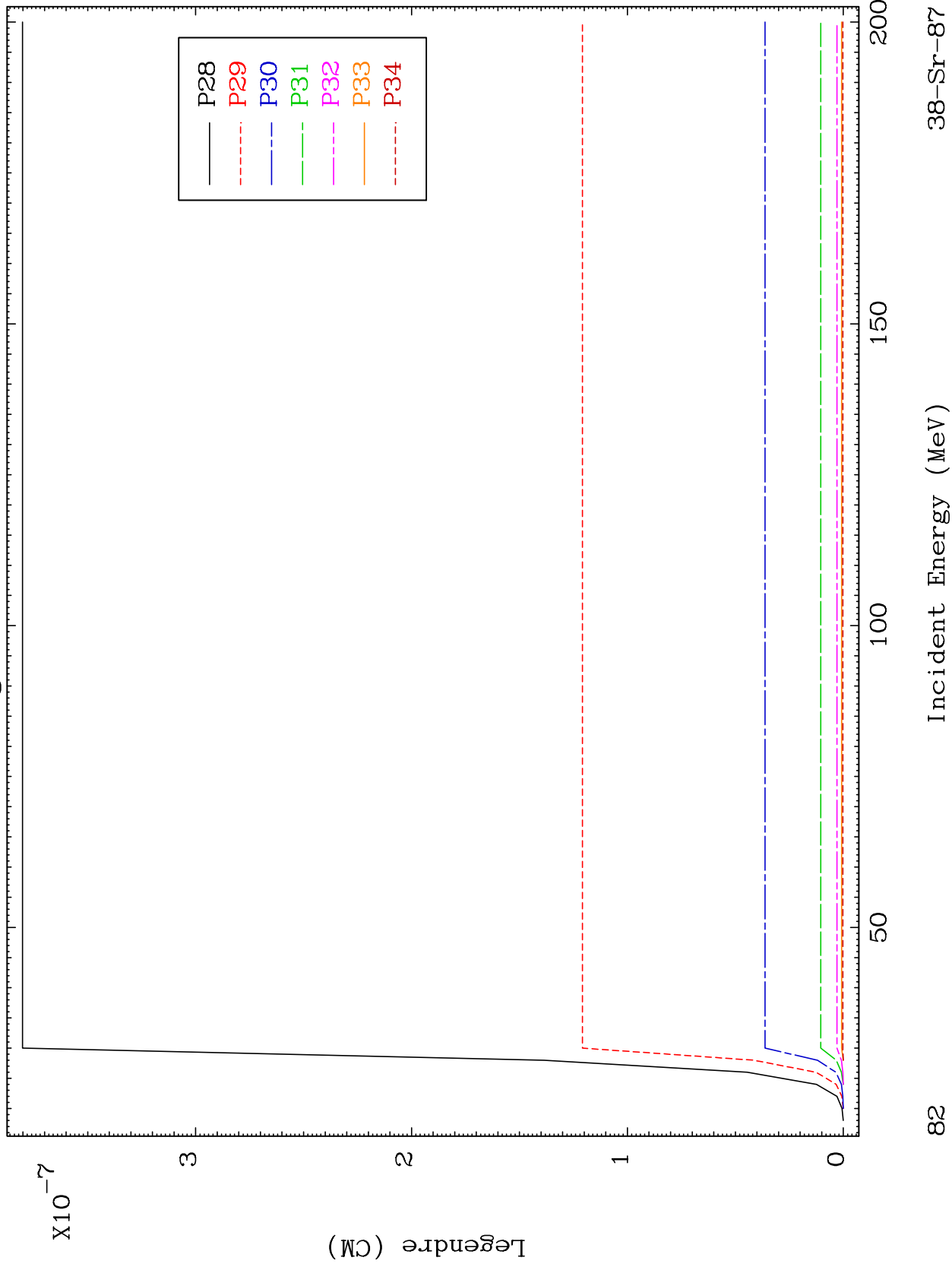
81

38-Sr-87

MAT 3834

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

38-Sr-87



82

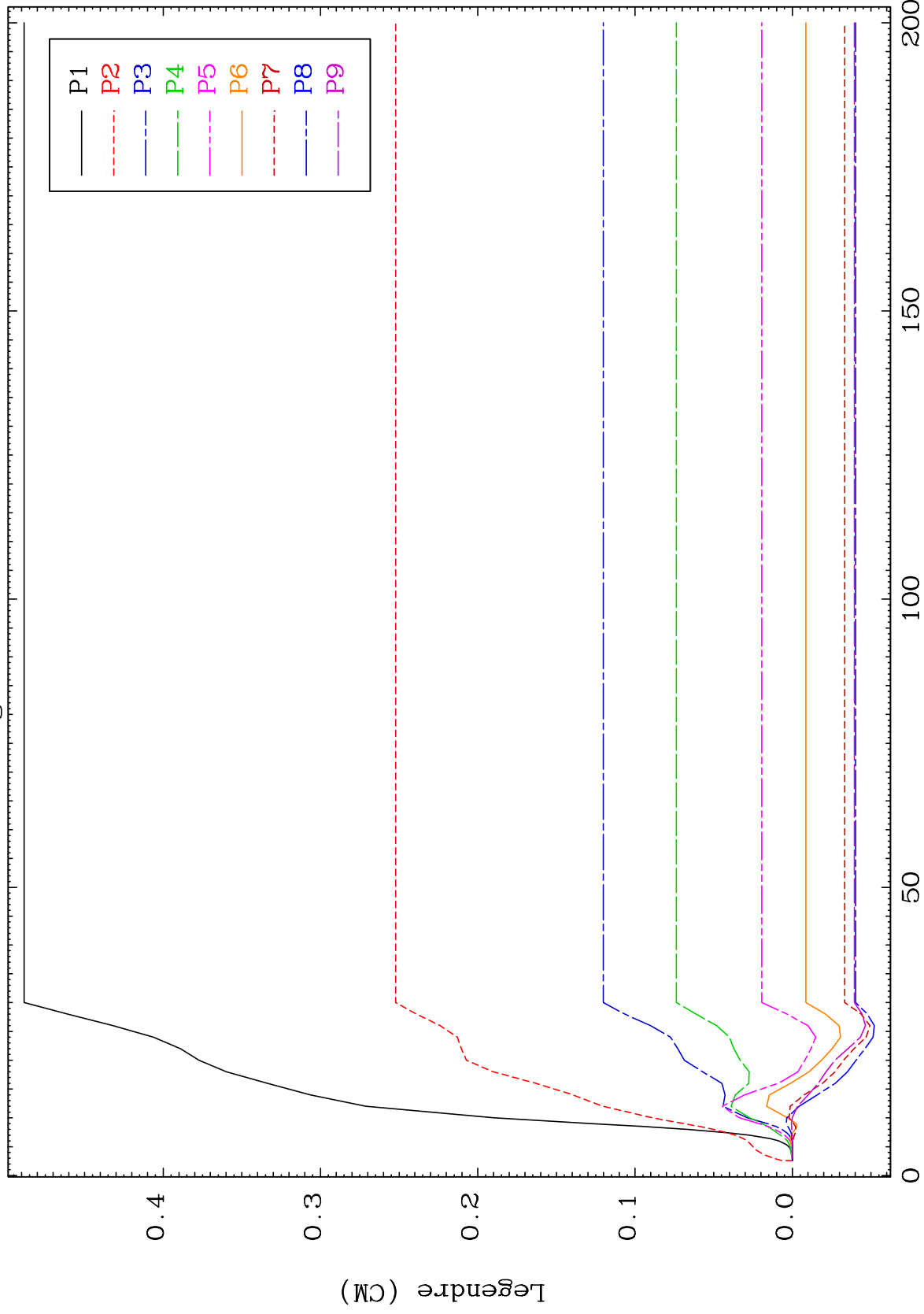
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



83

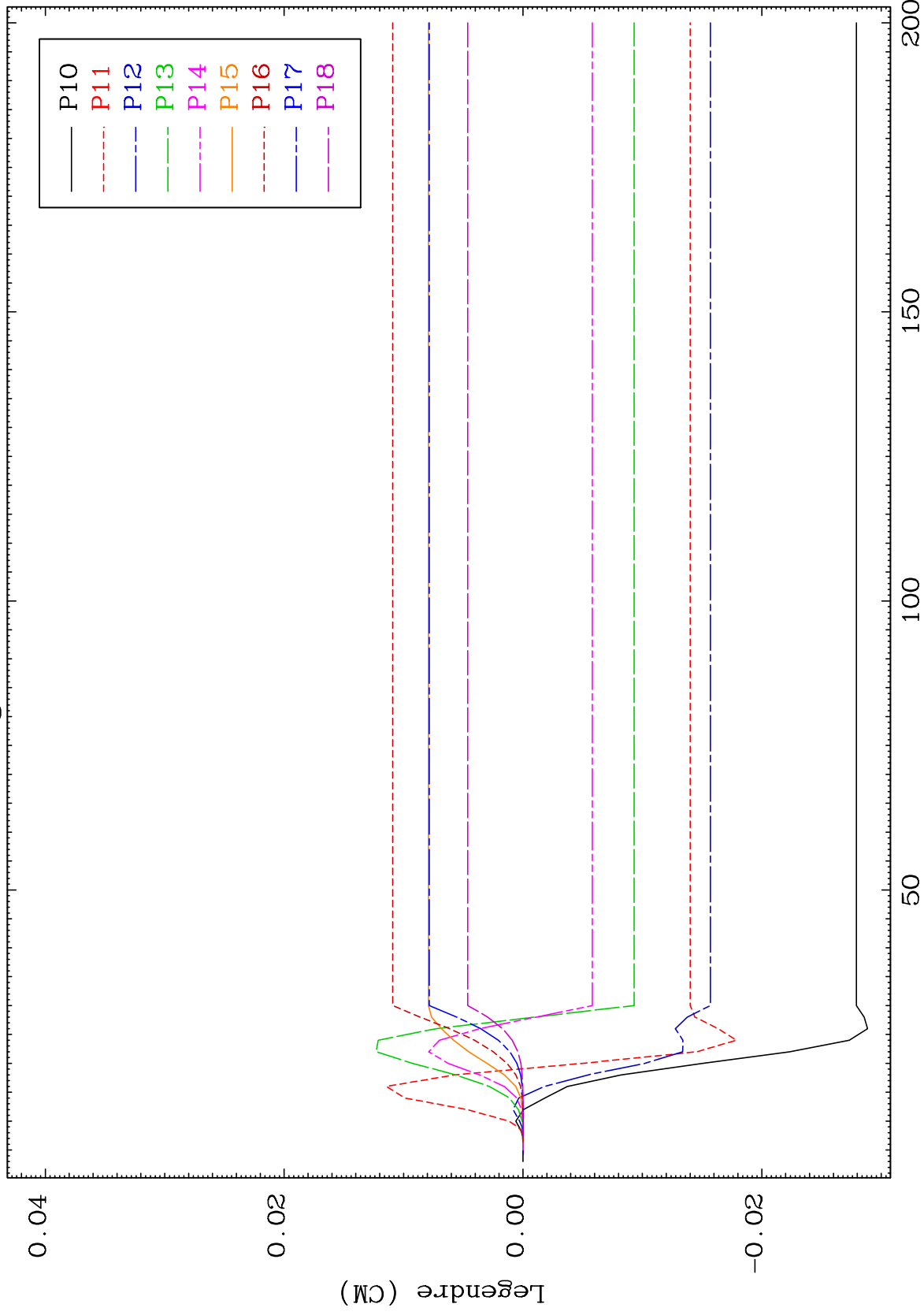
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



84

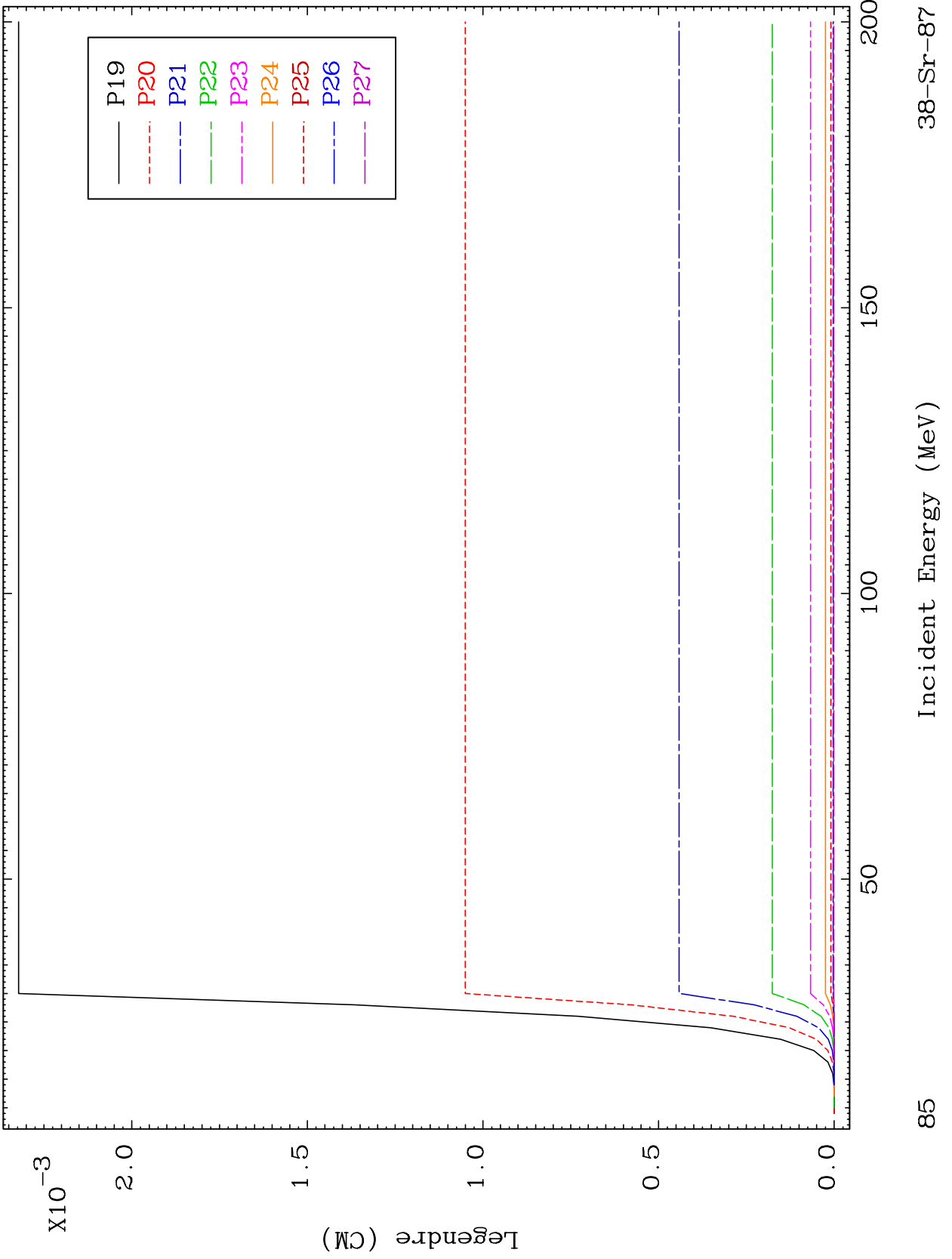
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



85

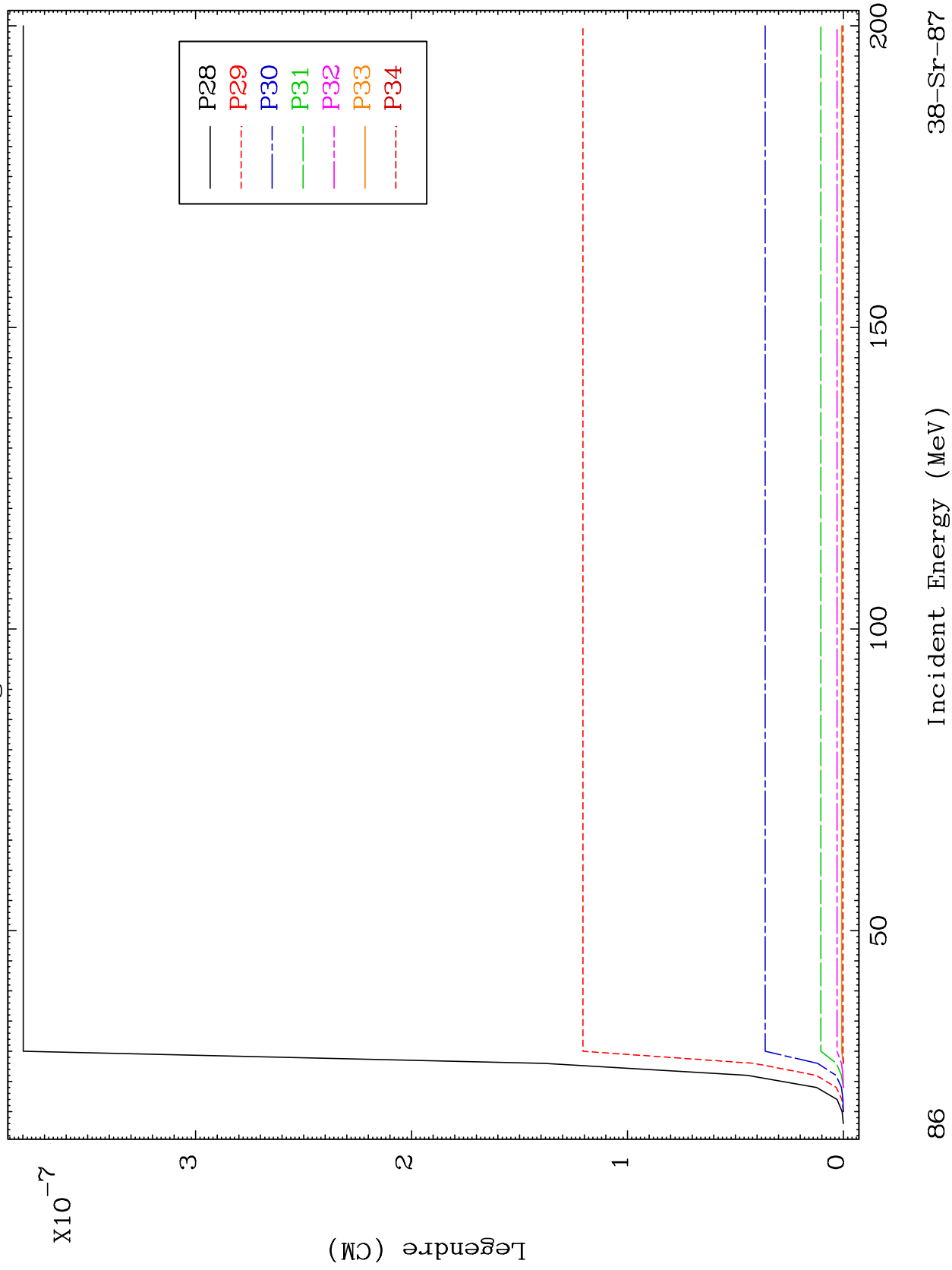
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

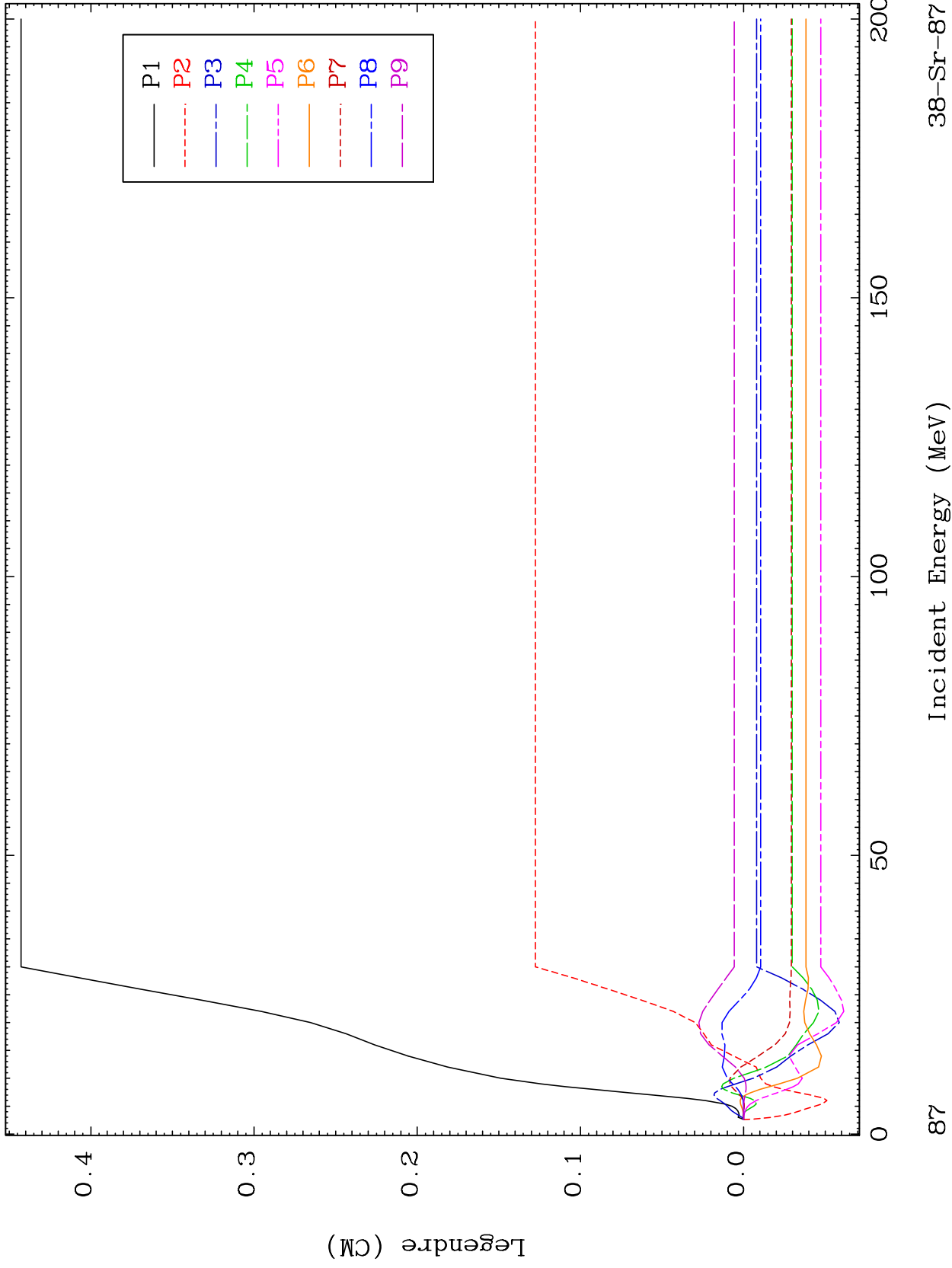
38-Sr-87



MAT 3834

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

38-Sr-87



87

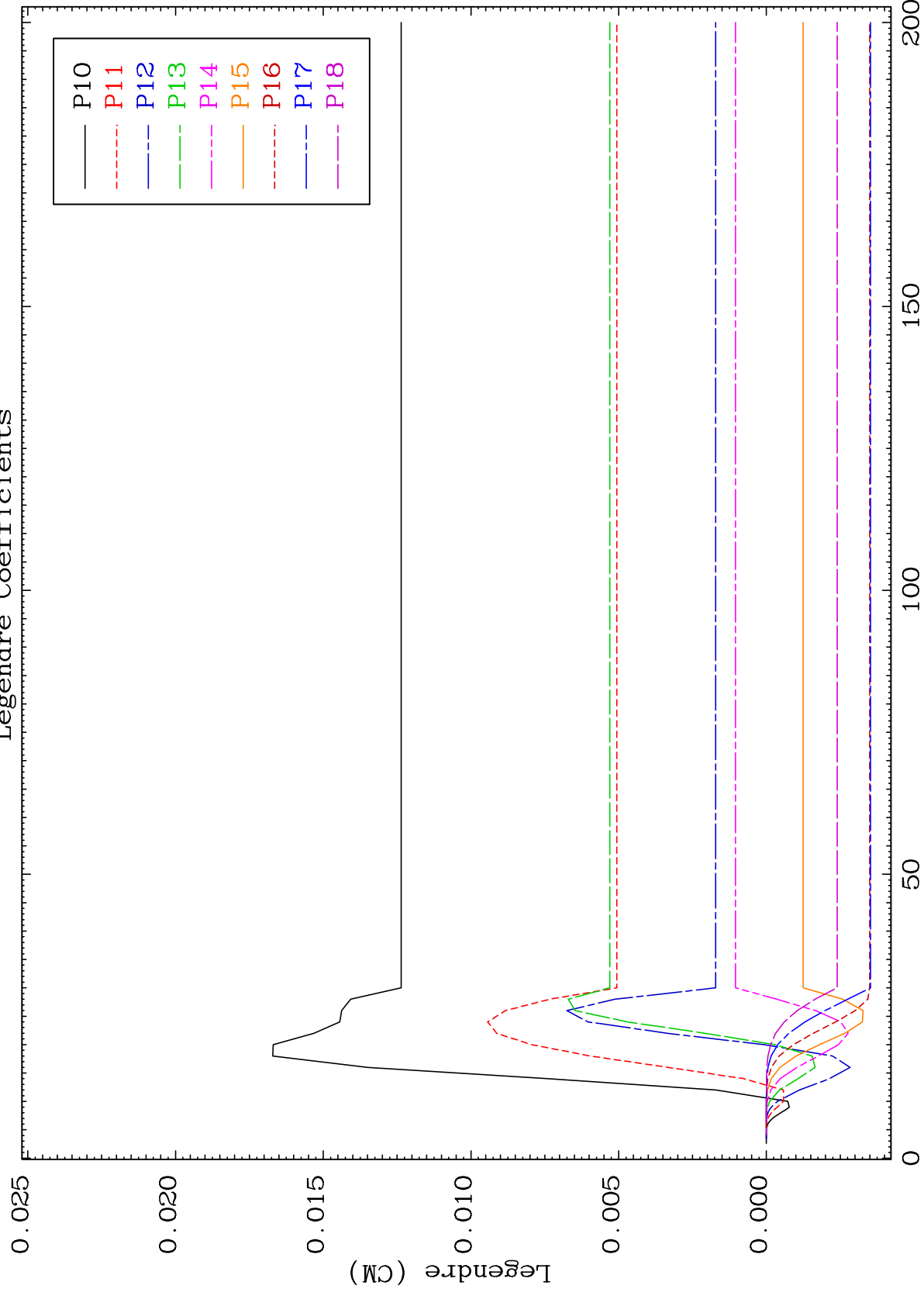
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



88

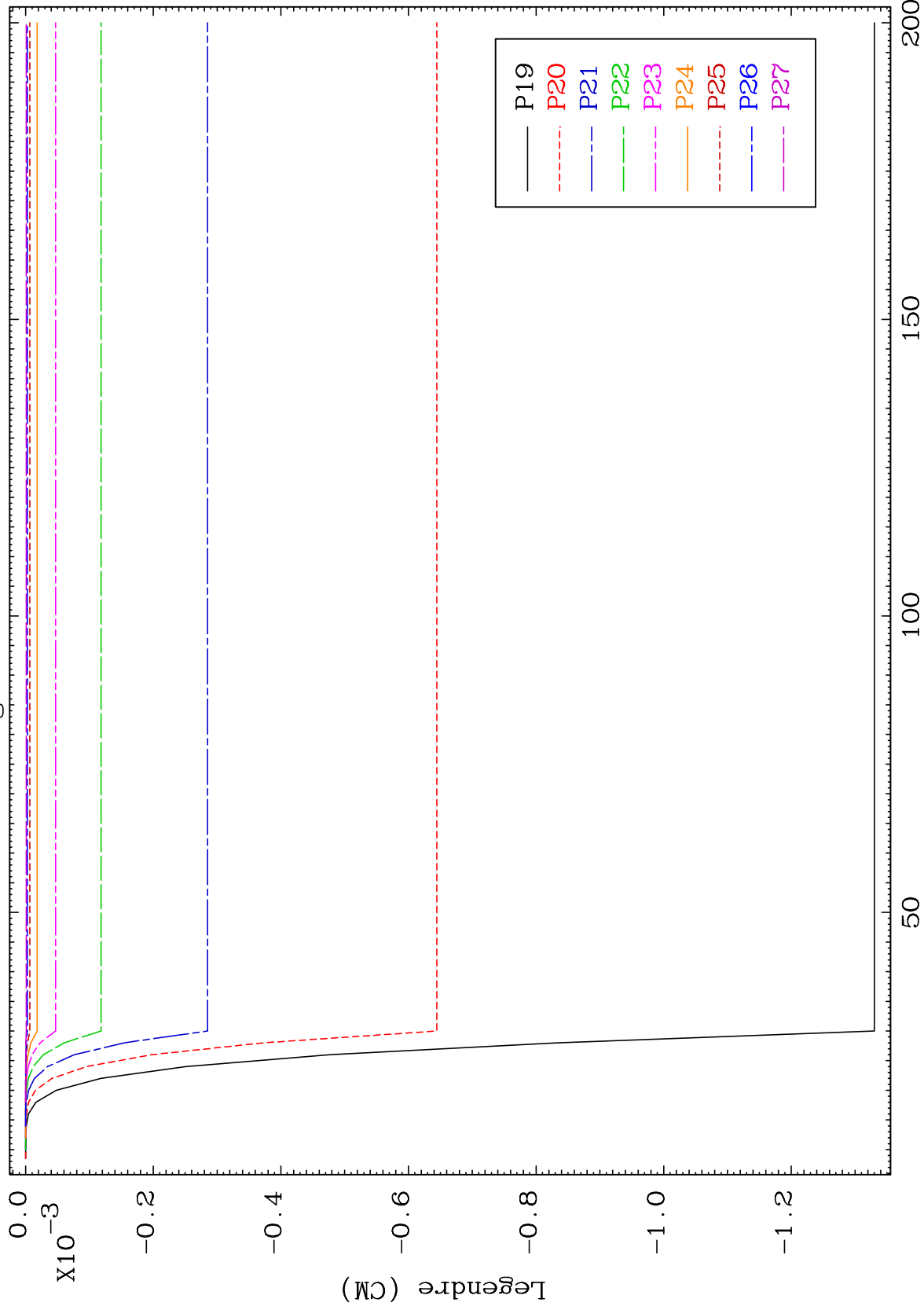
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



89

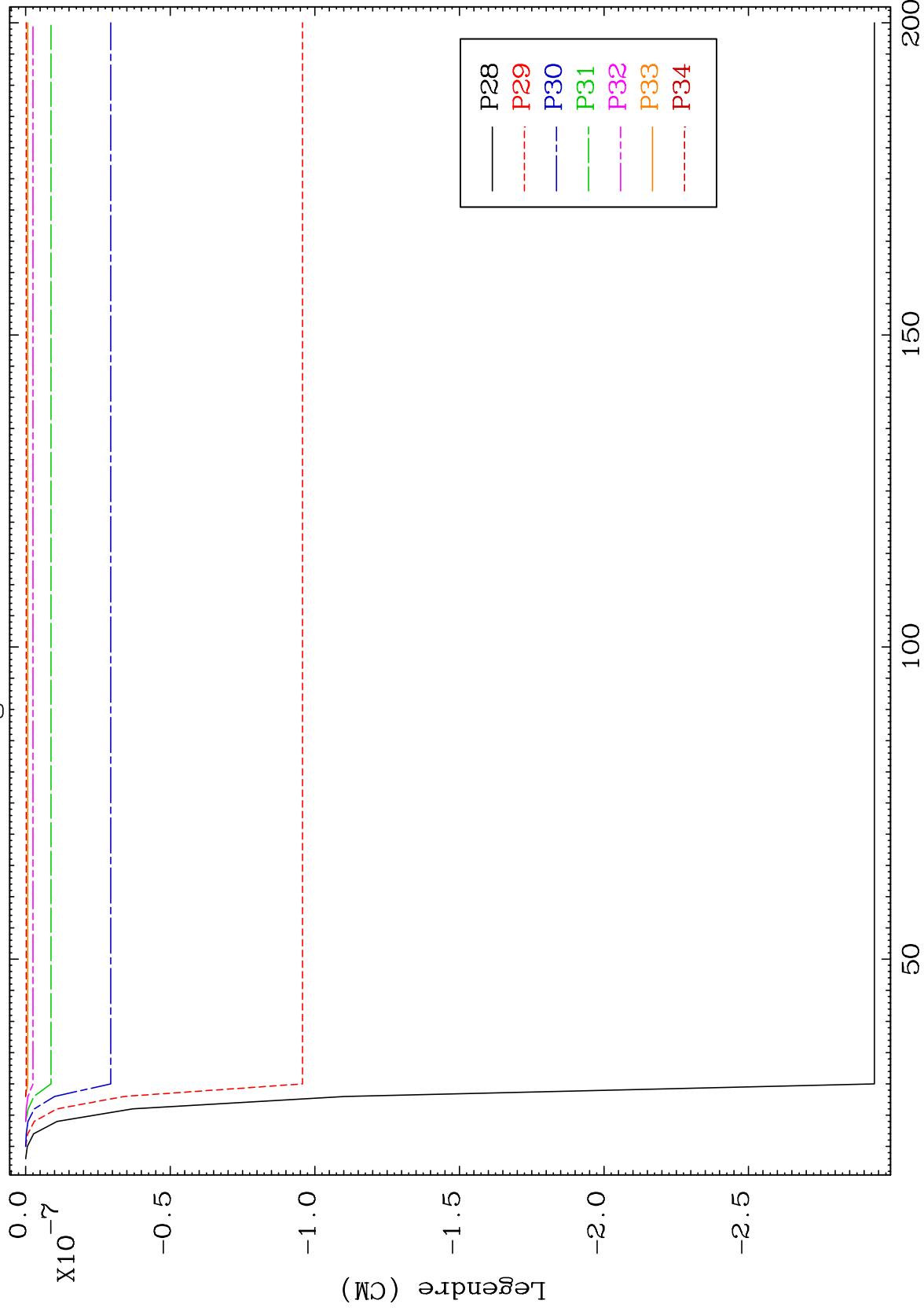
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

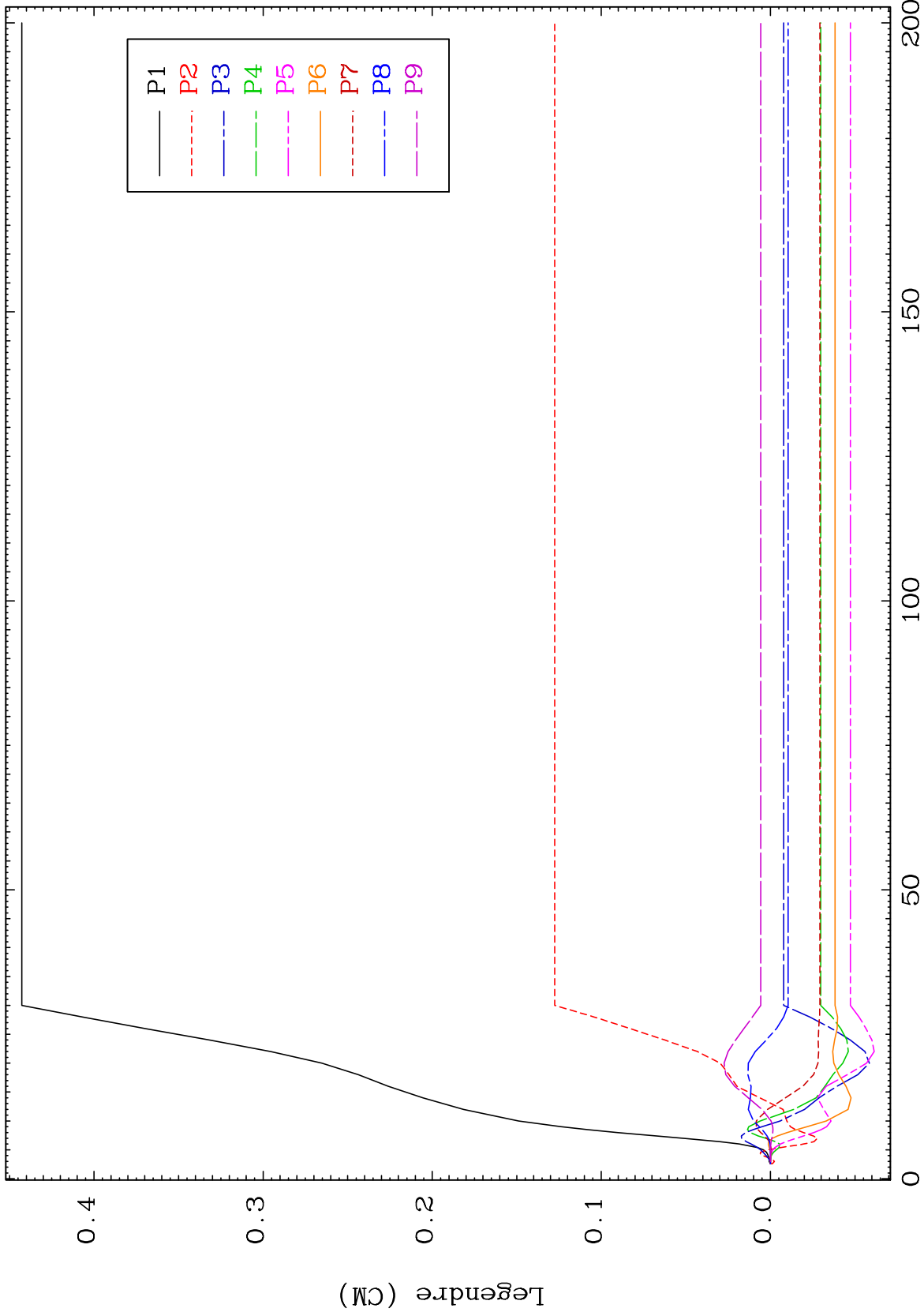
Incident Energy (MeV)

90

MAT 3834

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

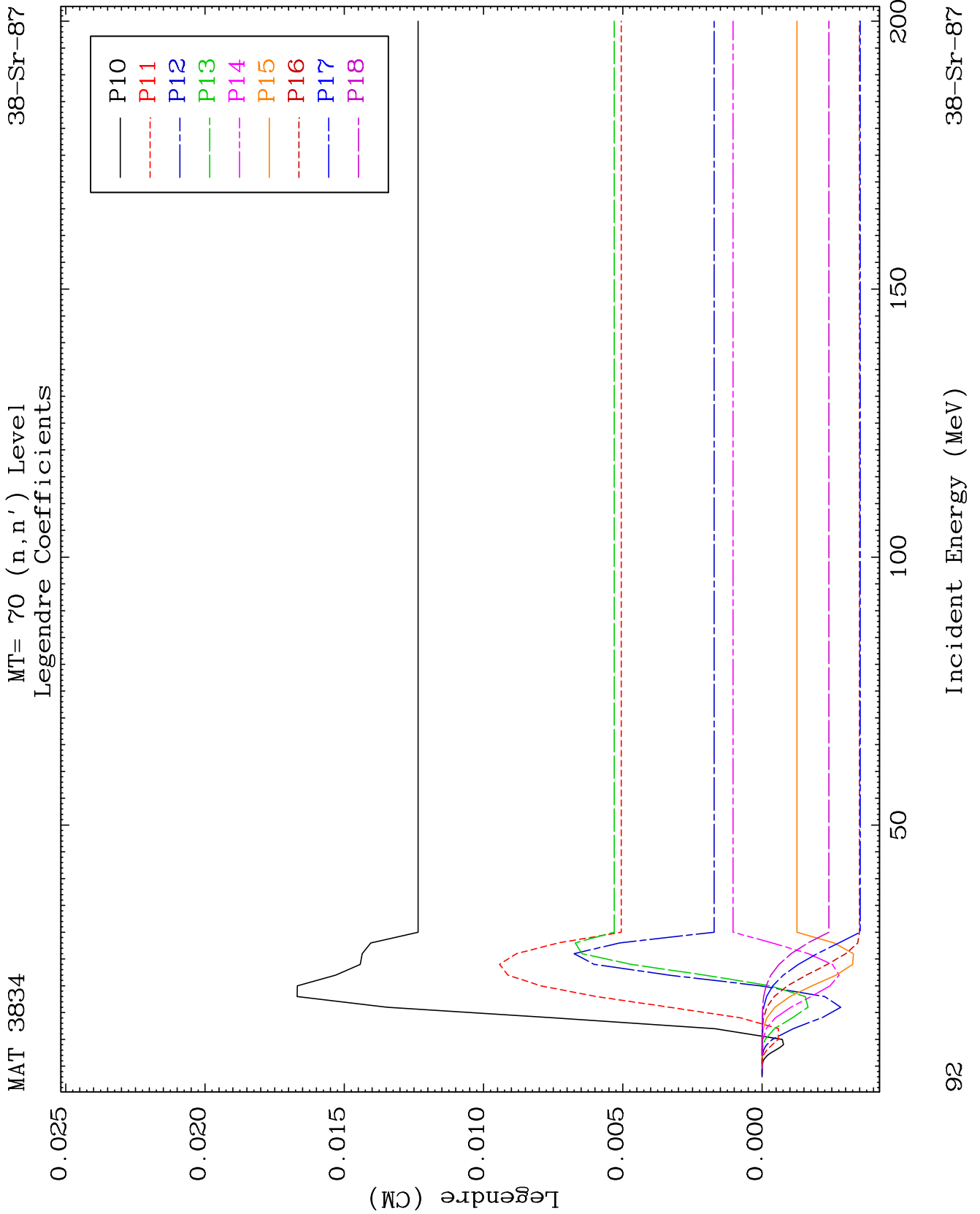
38-Sr-87



91

Incident Energy (MeV)

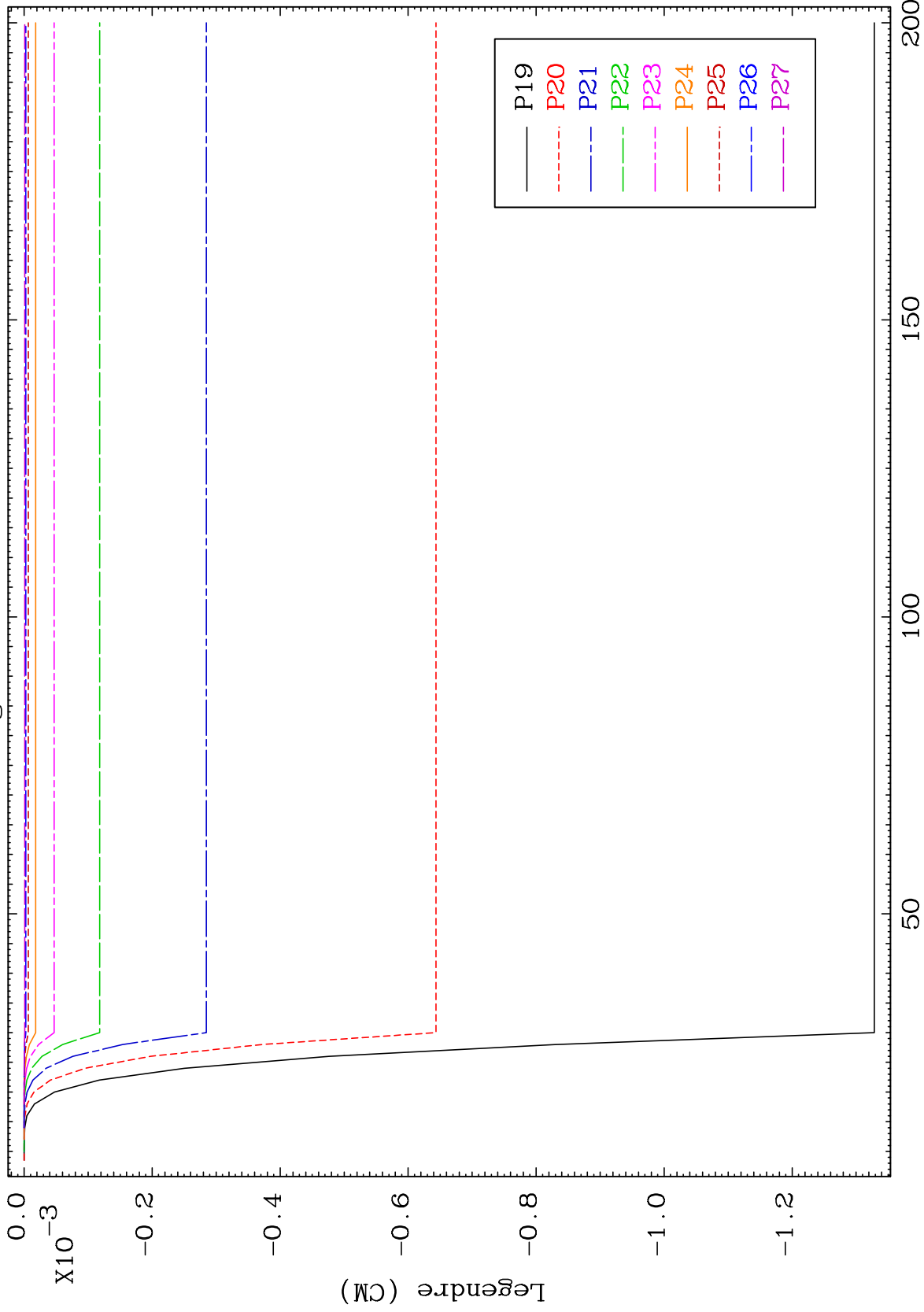
38-Sr-87

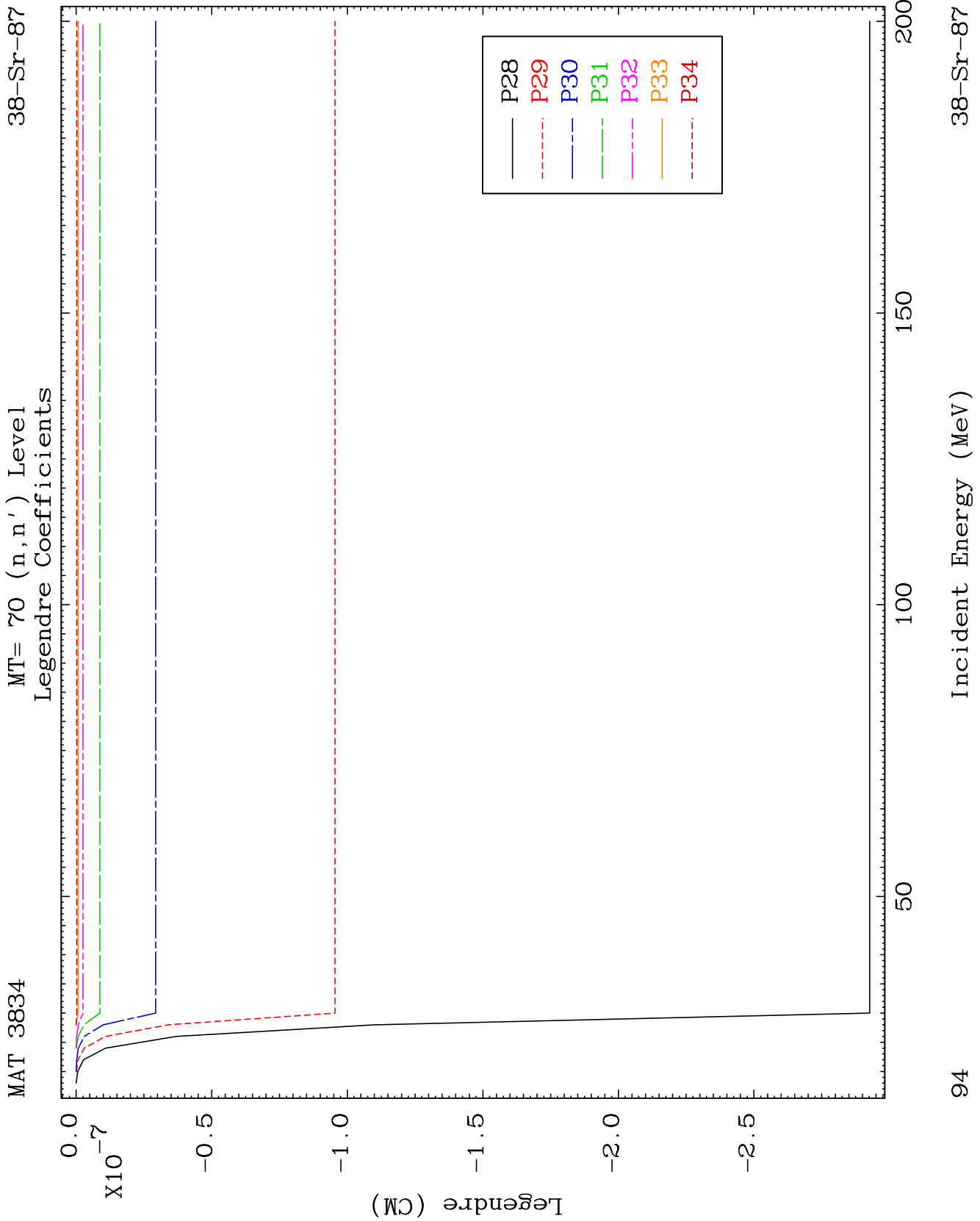


MAT 3834

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

38-Sr-87

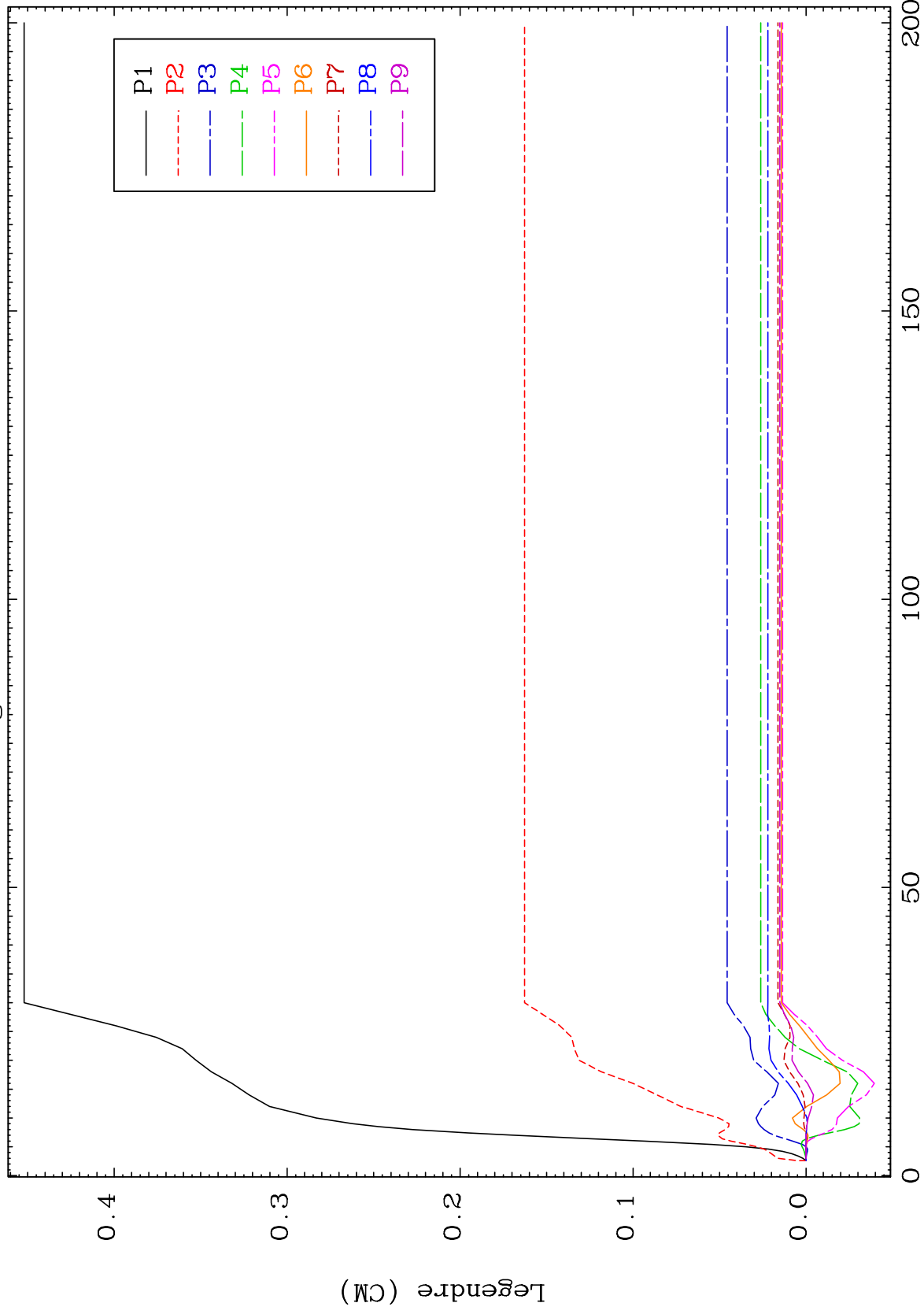




MAT 3834

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

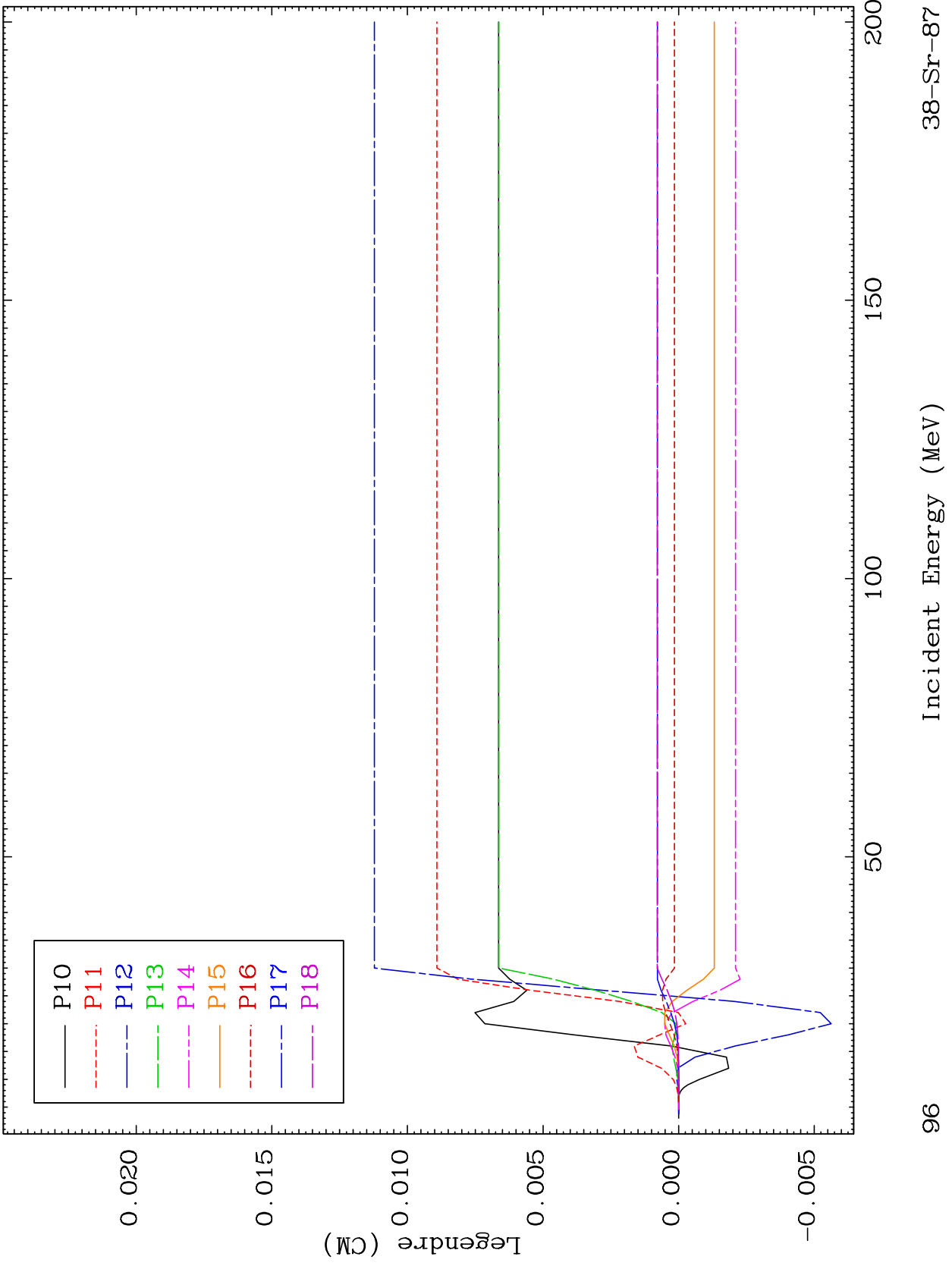
38-Sr-87



95

Incident Energy (MeV)

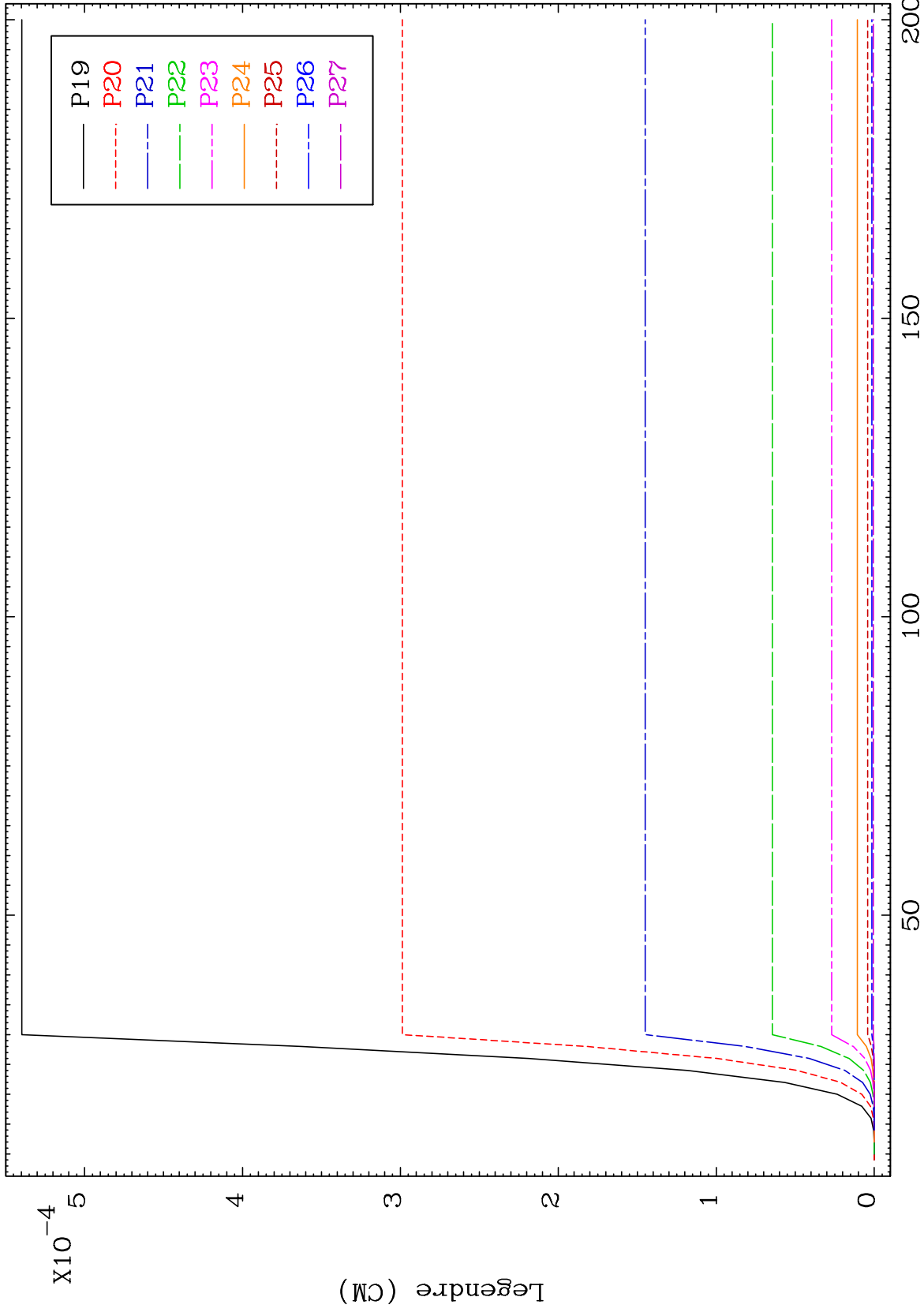
38-Sr-87



MAT 3834

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

38-Sr-87



97

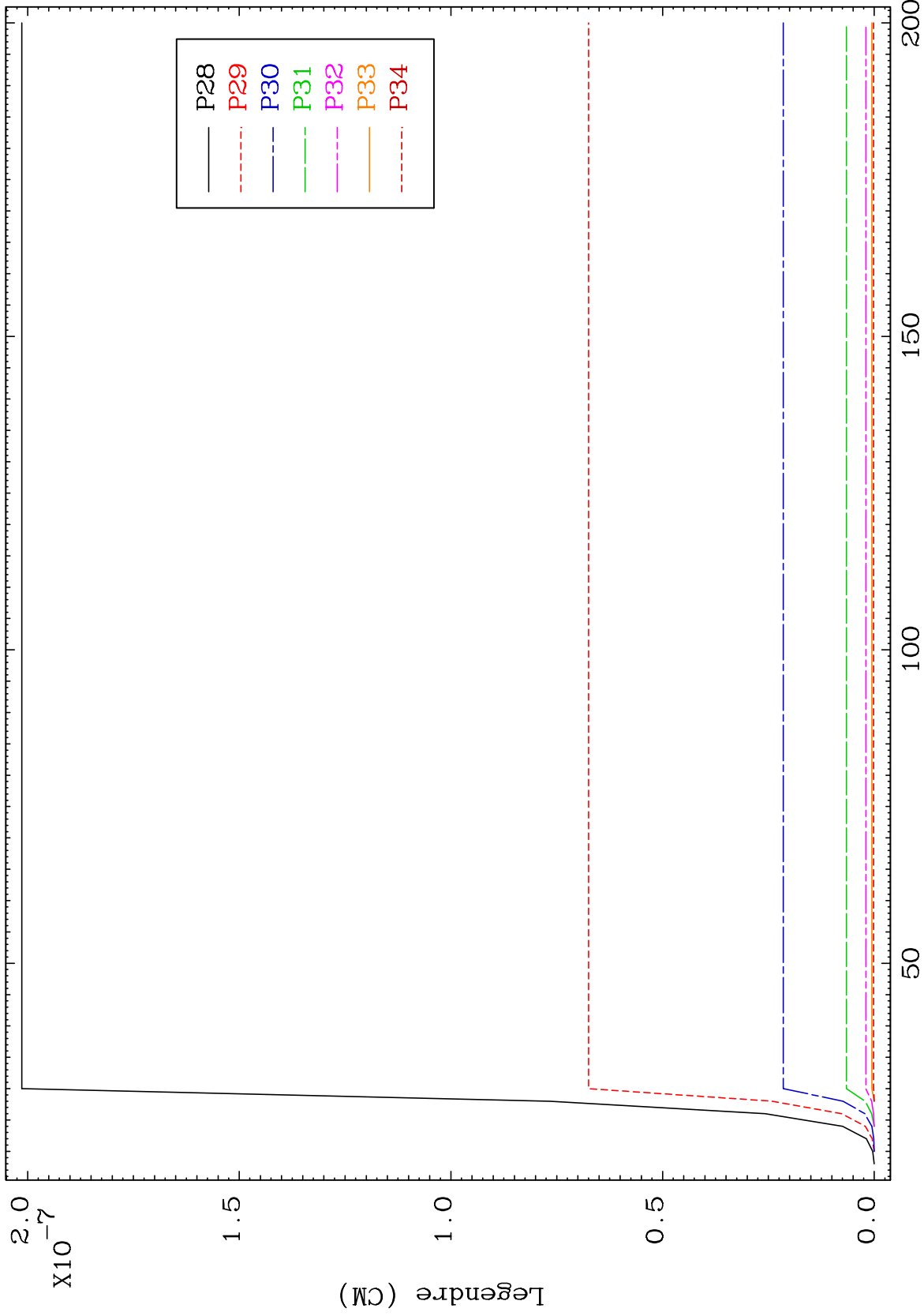
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



98

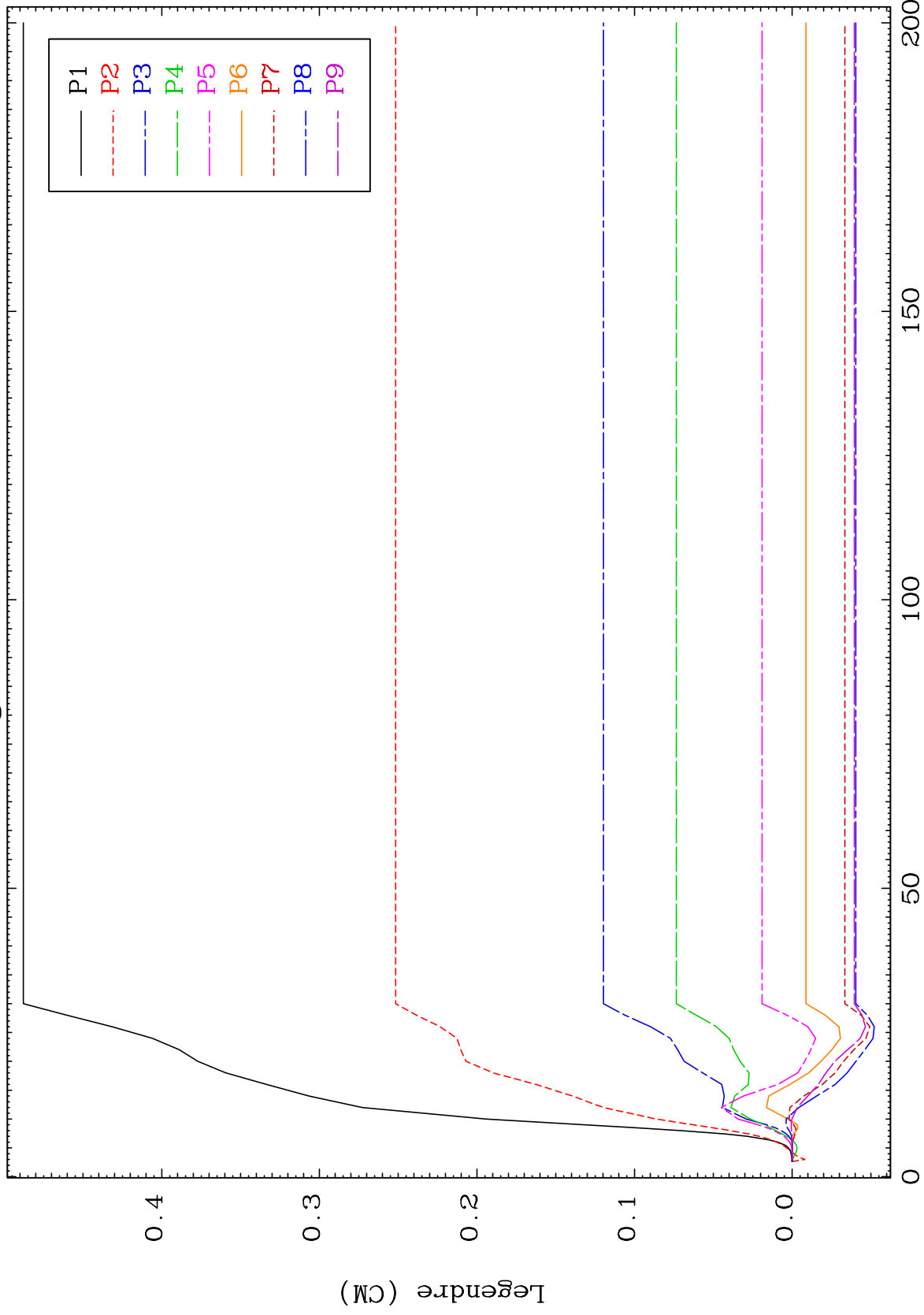
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



99

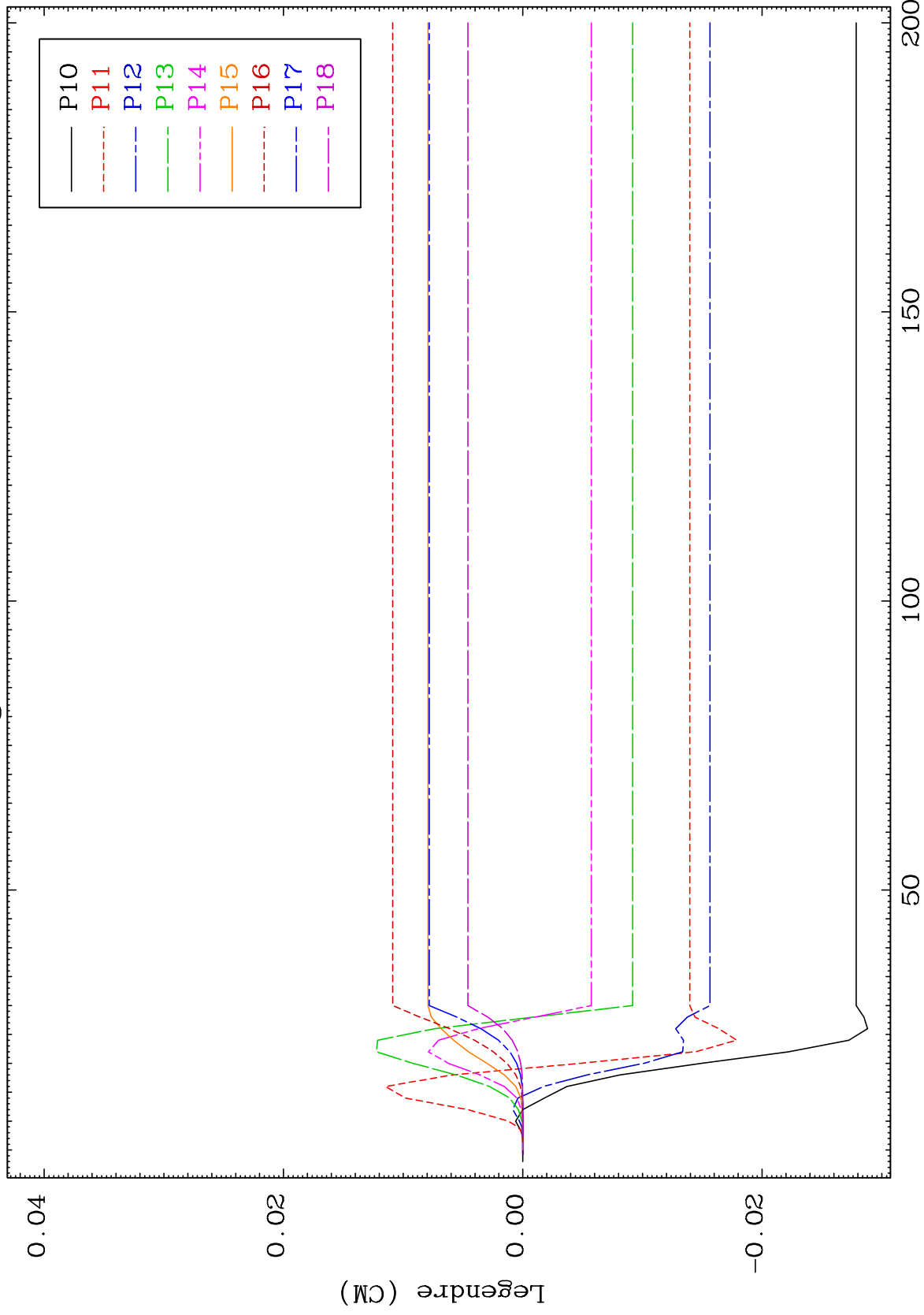
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



100

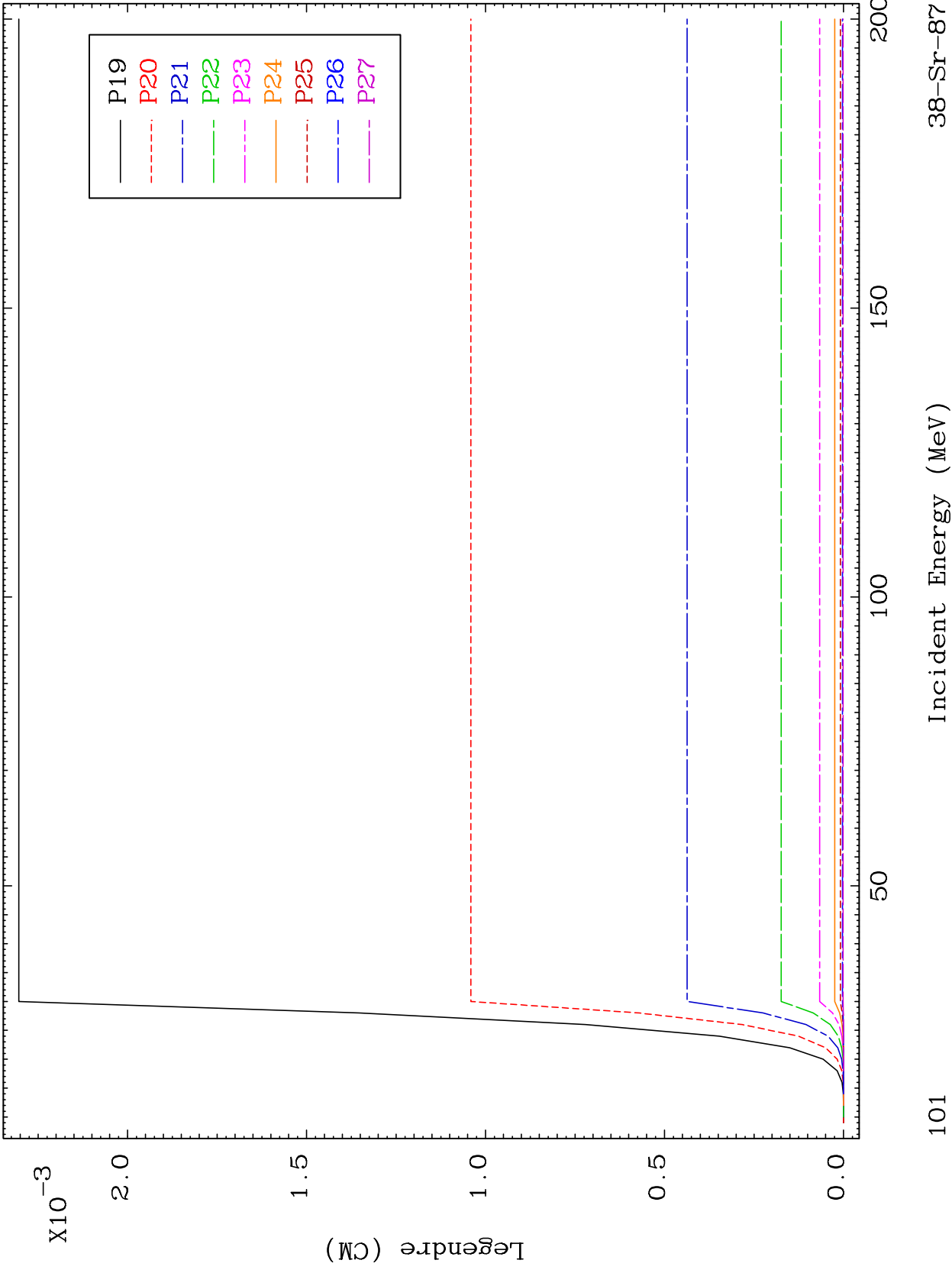
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



101

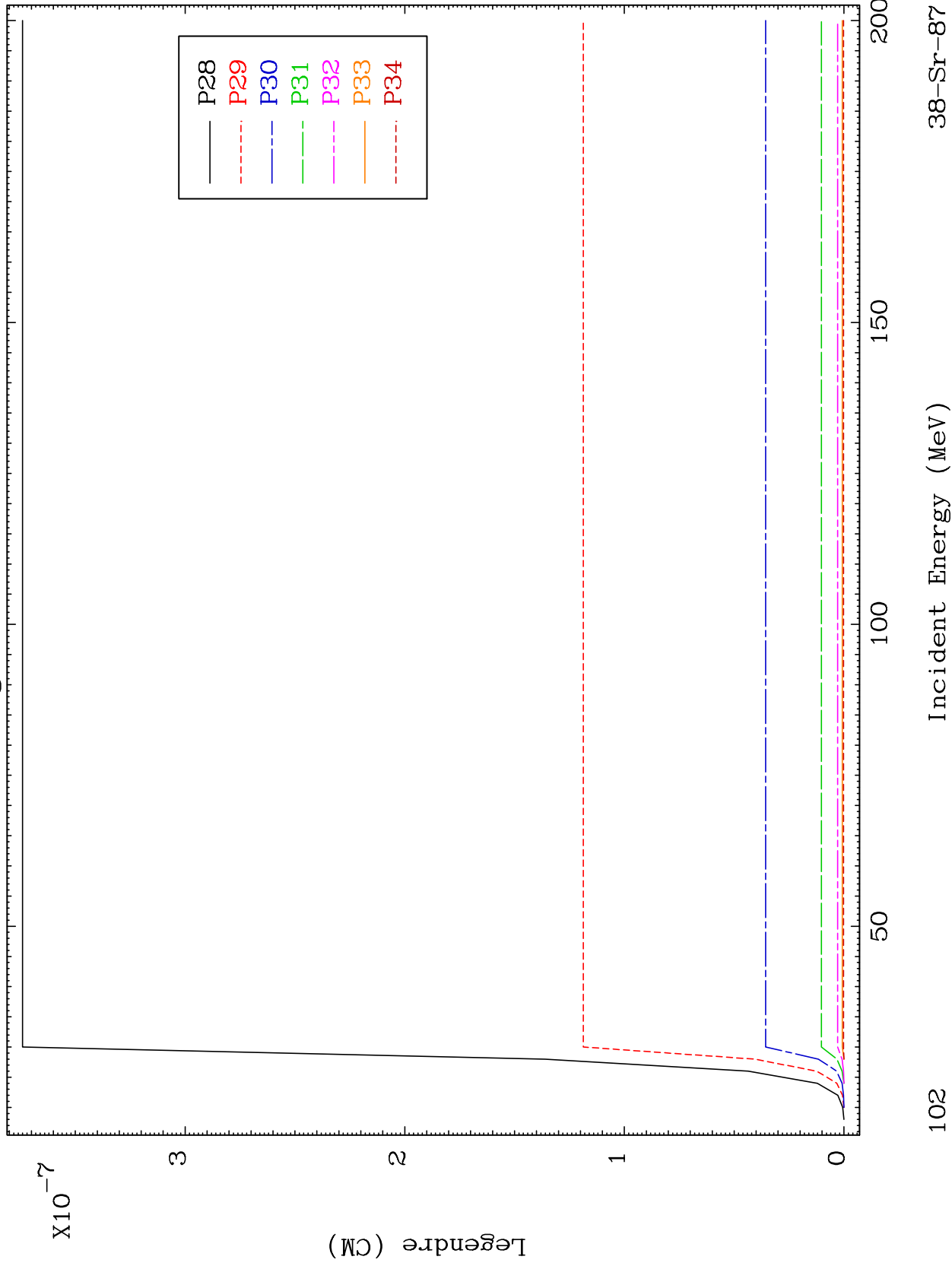
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

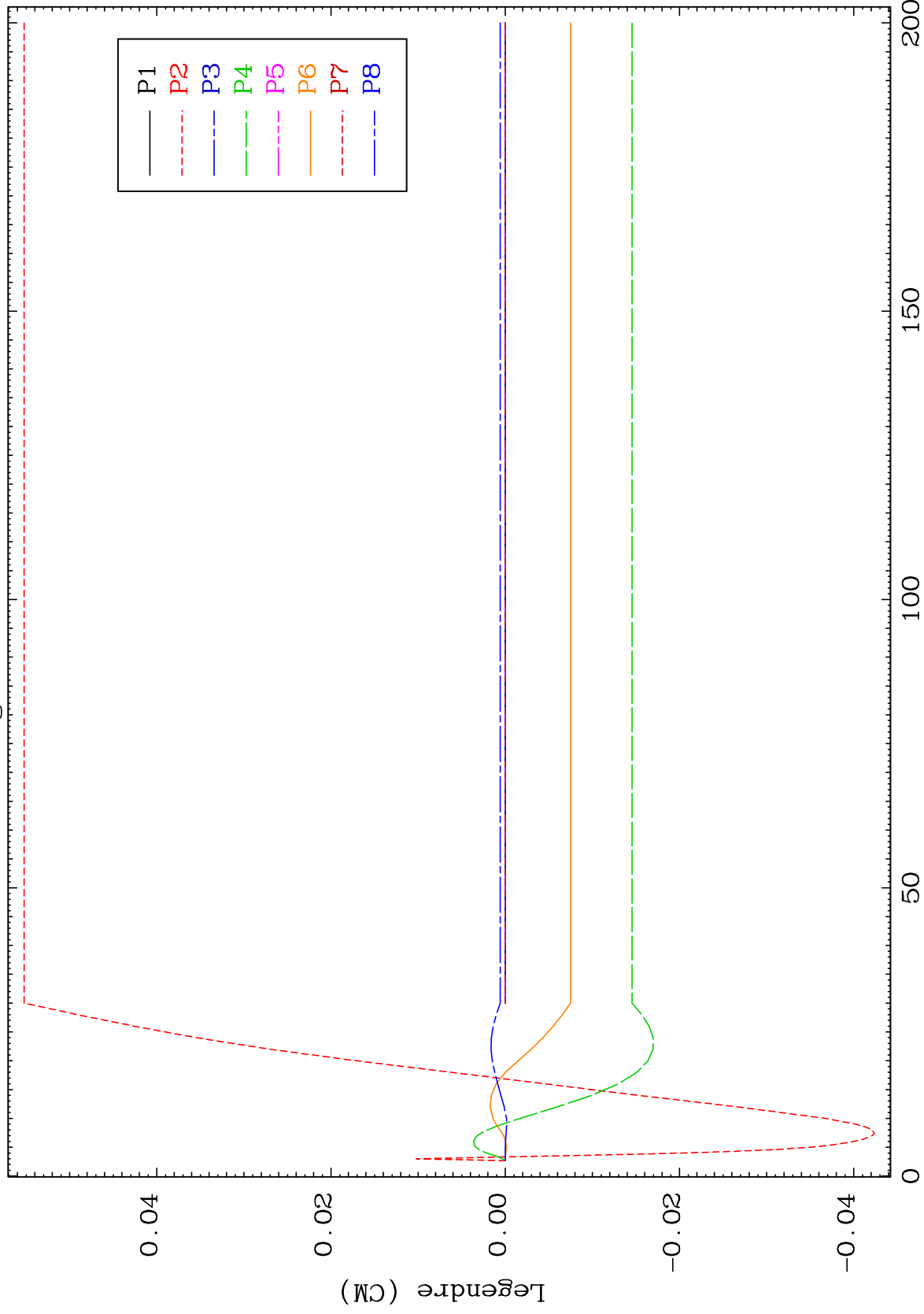
38-Sr-87



MAT 3834

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

38-Sr-87



38-Sr-87

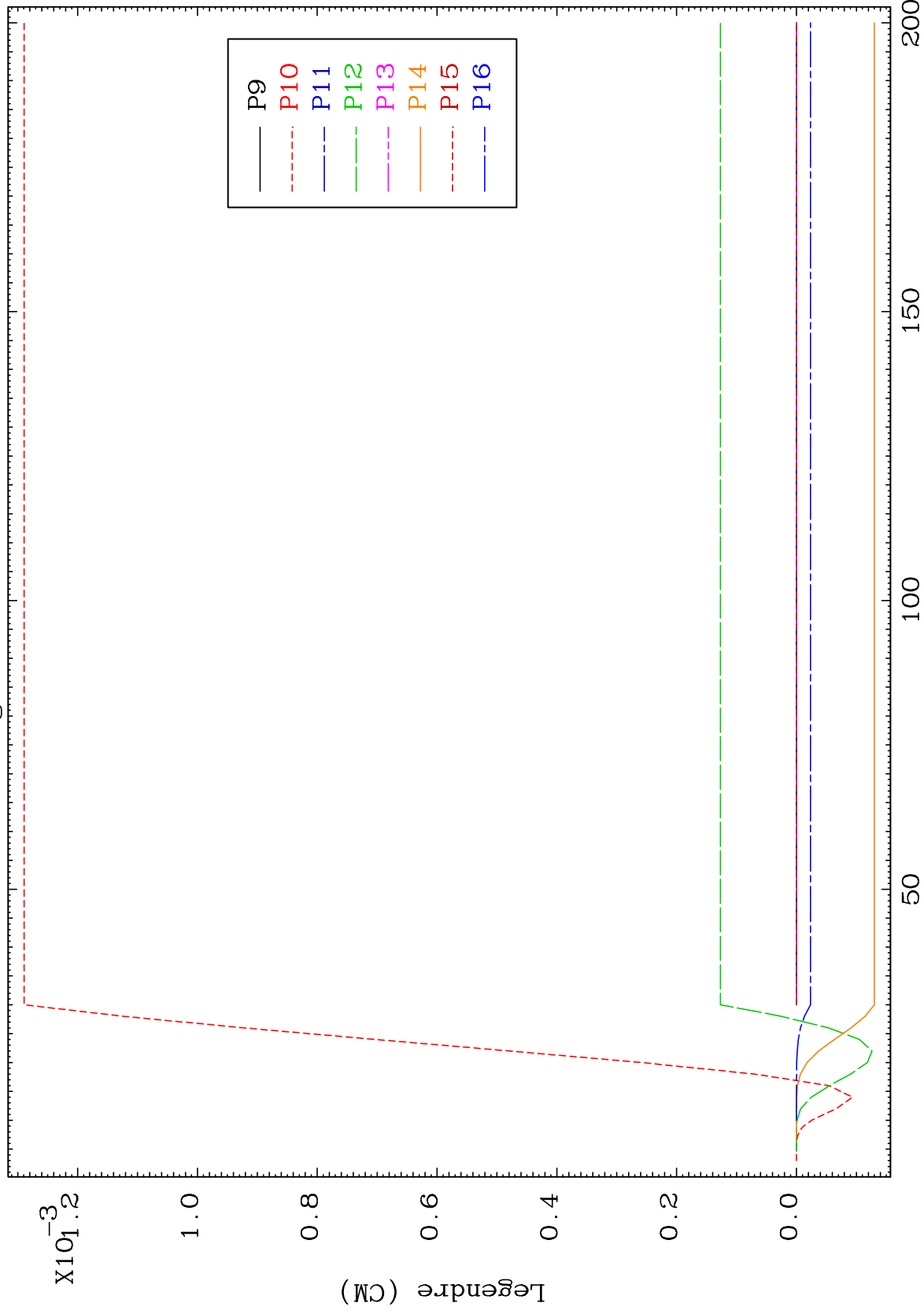
Incident Energy (MeV)

103

MAT 3834

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

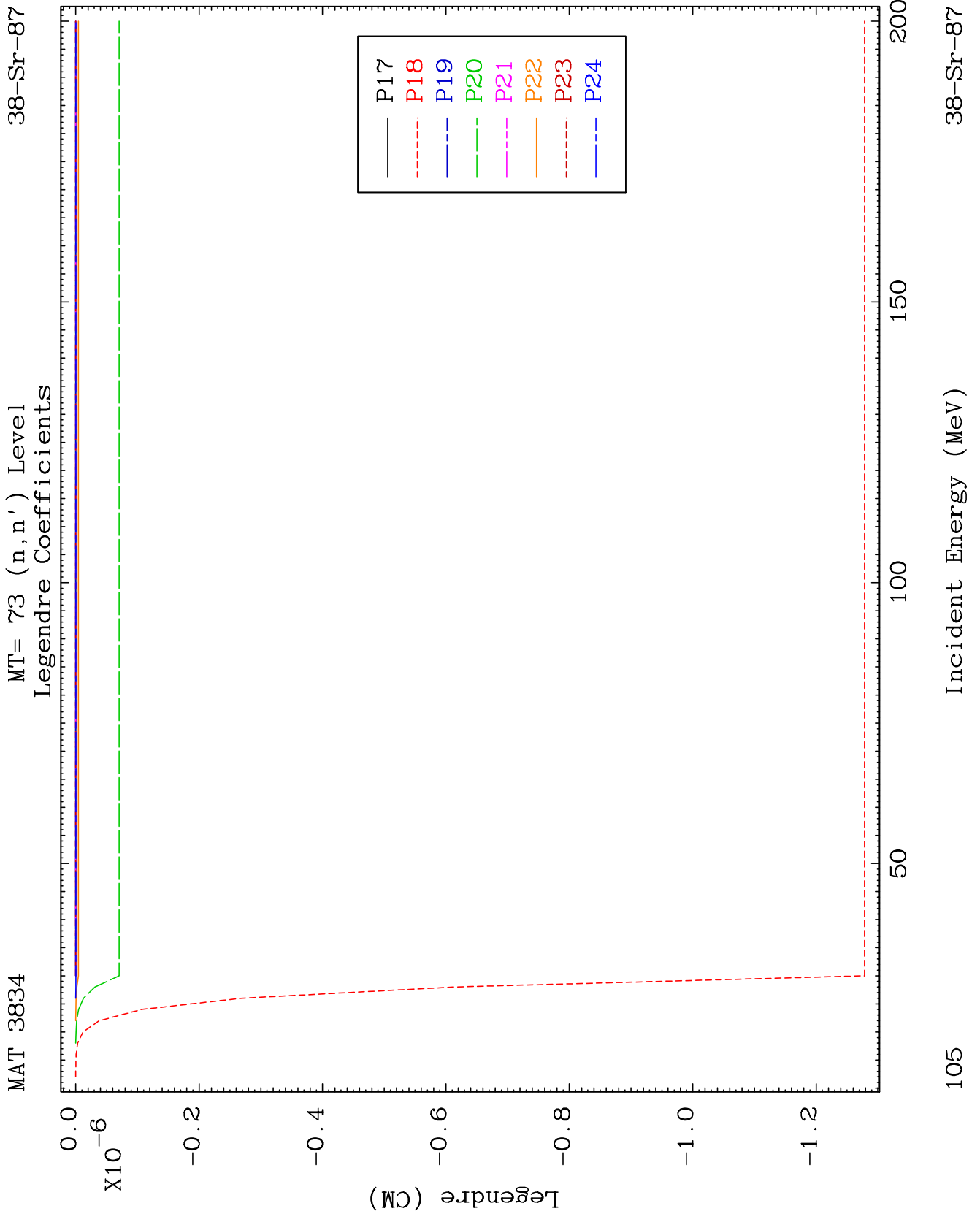
38-Sr-87



104

Incident Energy (MeV)

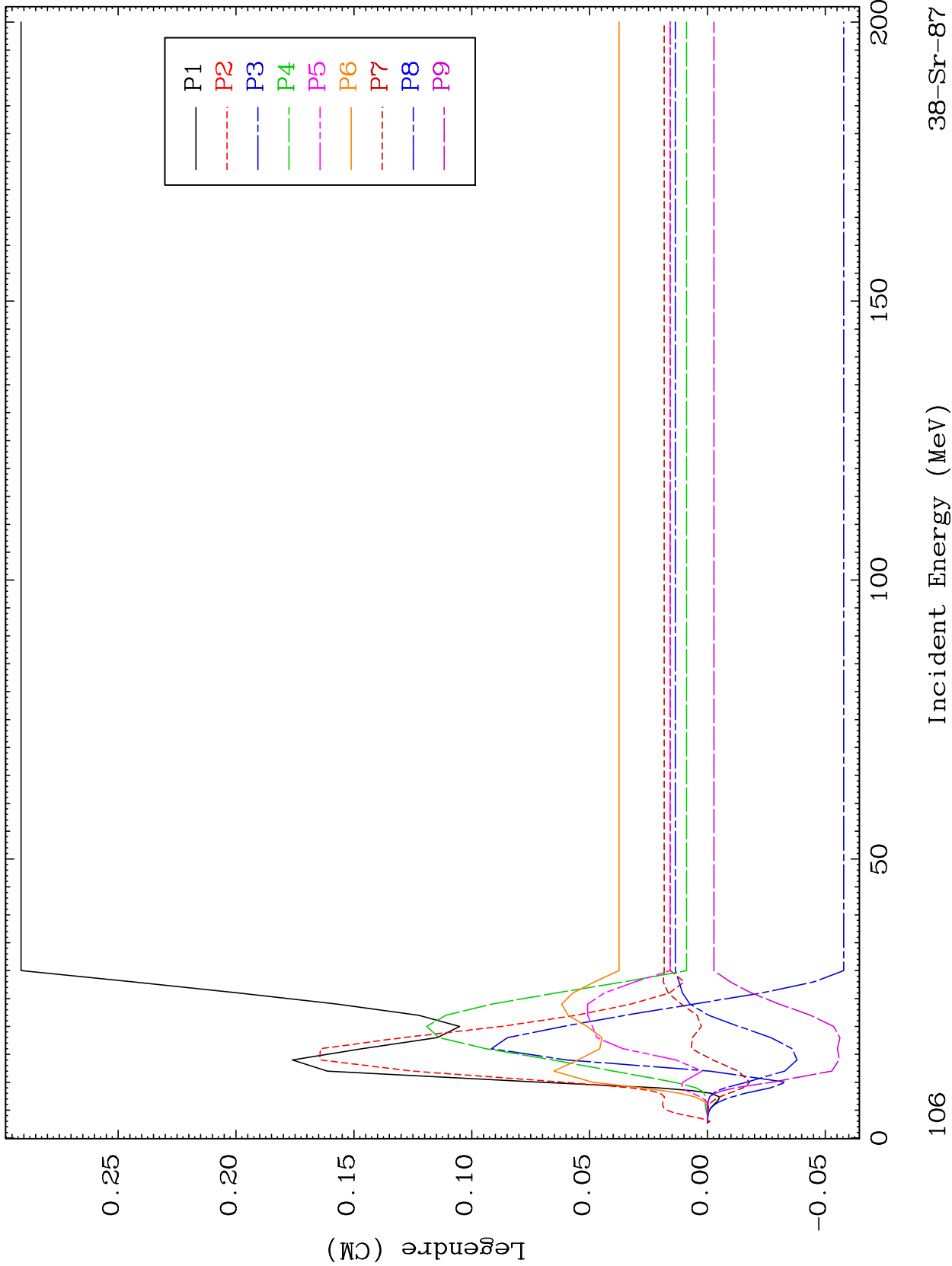
38-Sr-87



MAT 3834

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

38-Sr-87



38-Sr-87

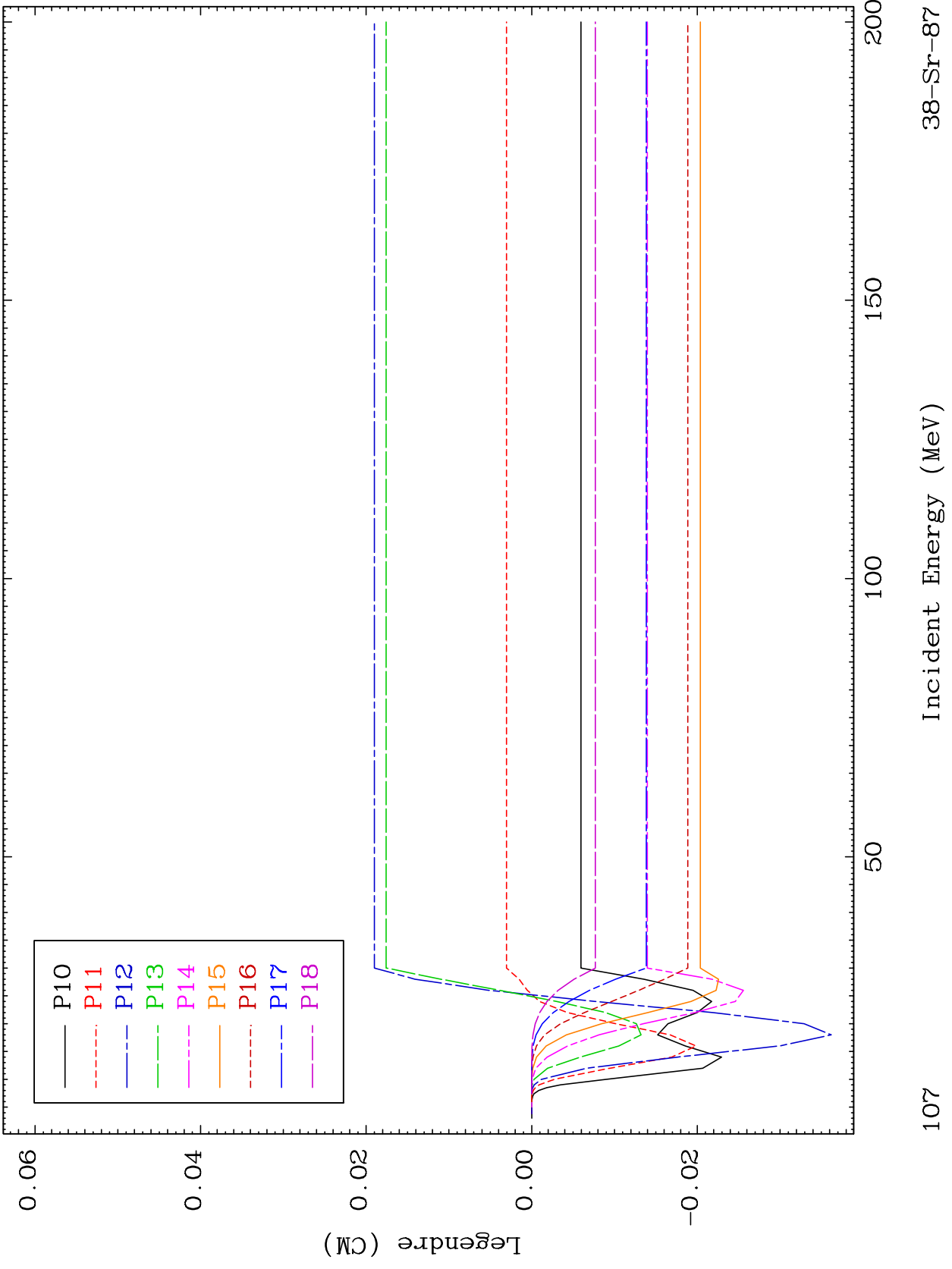
Incident Energy (MeV)

106

MAT 3834

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

38-Sr-87



107

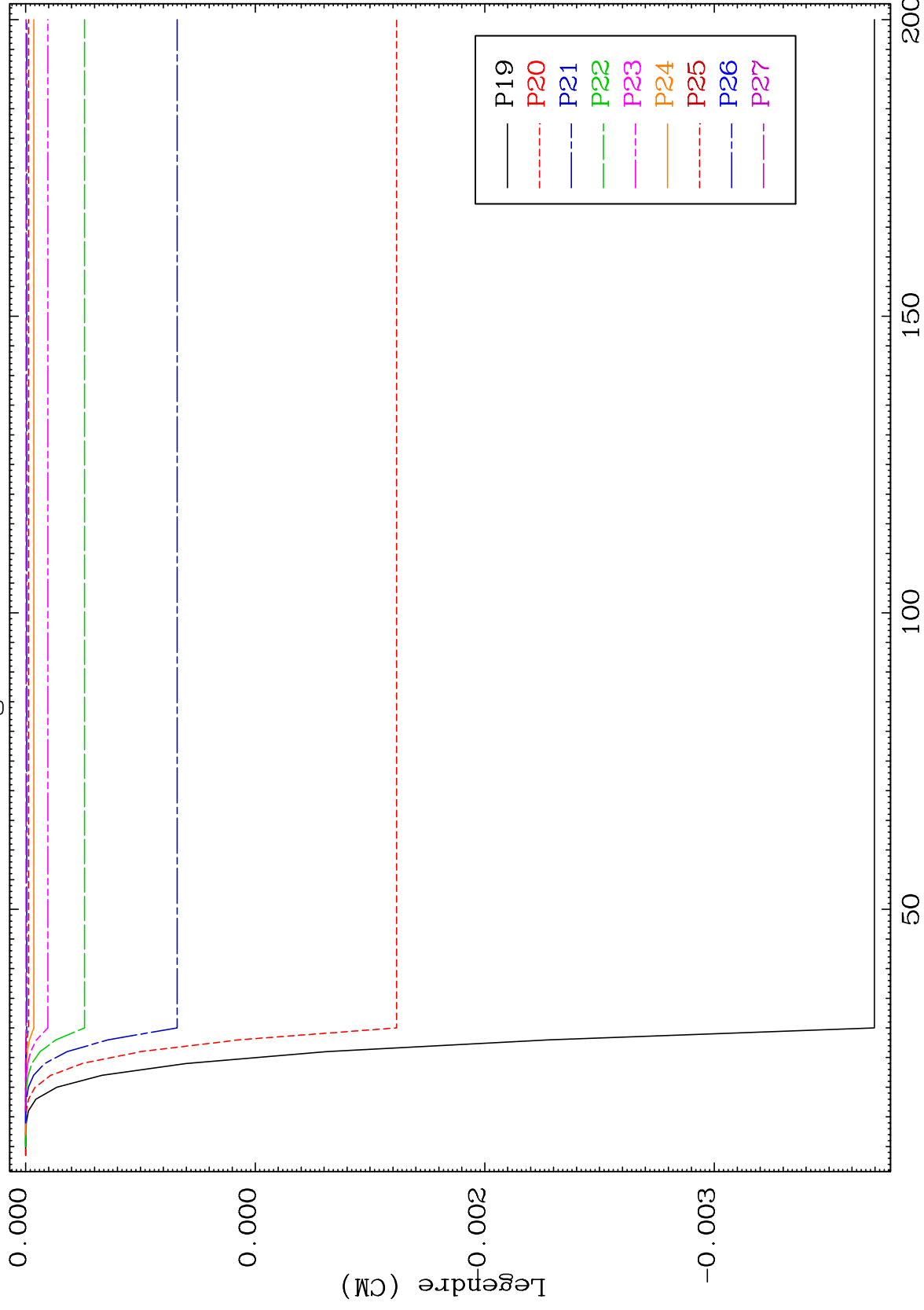
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

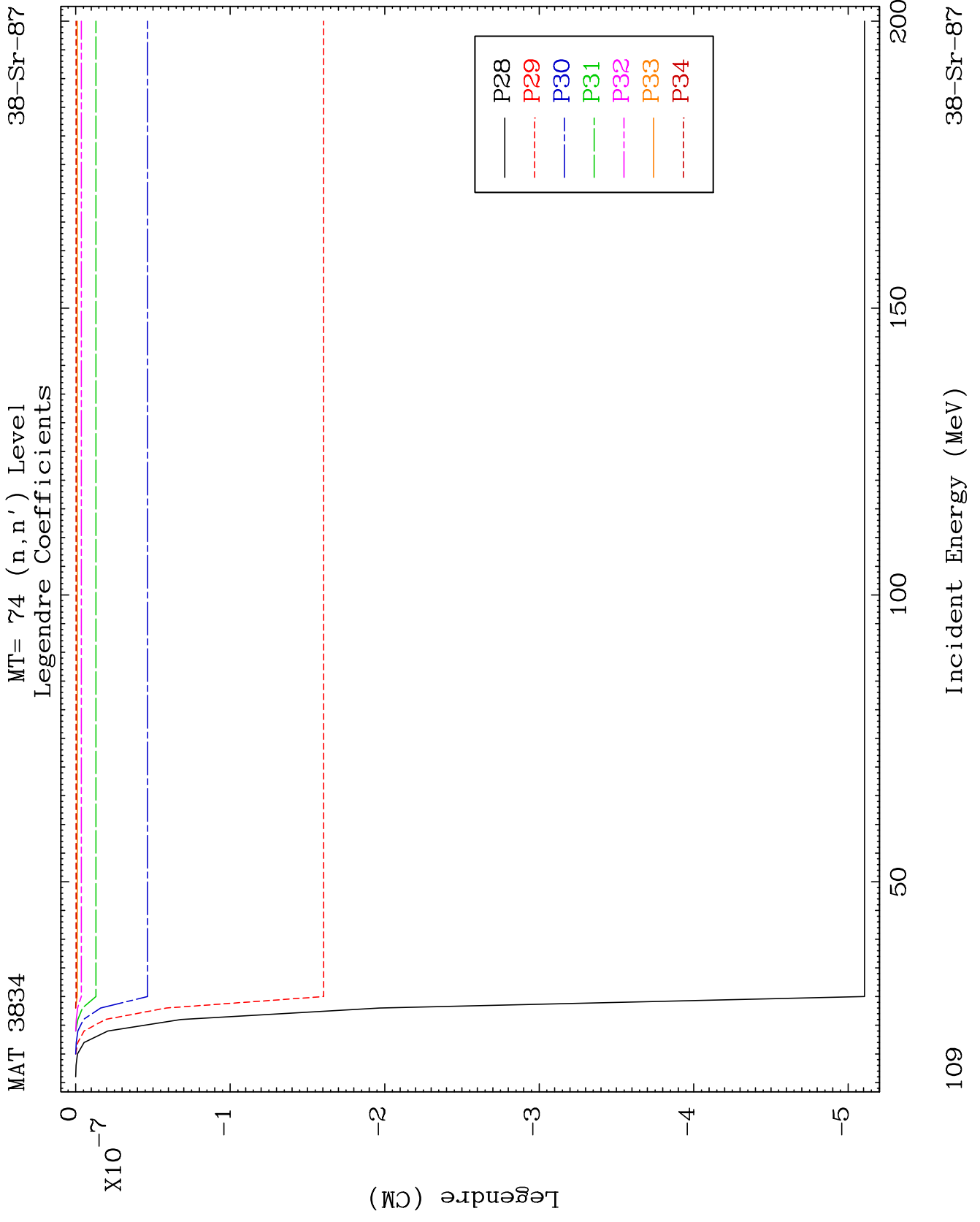
38-Sr-87



108

Incident Energy (MeV)

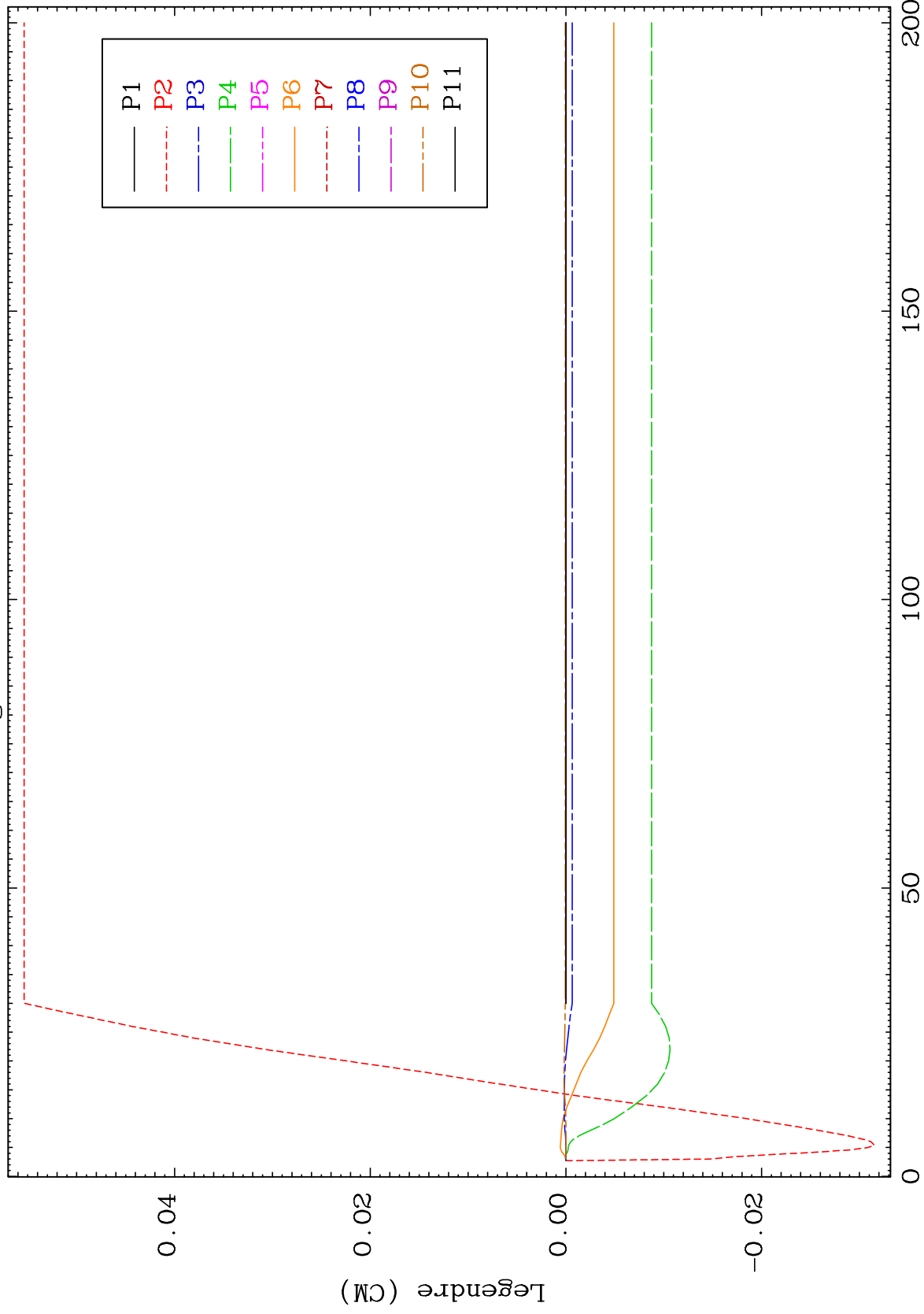
38-Sr-87



MAT 3834

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

38-Sr-87



38-Sr-87

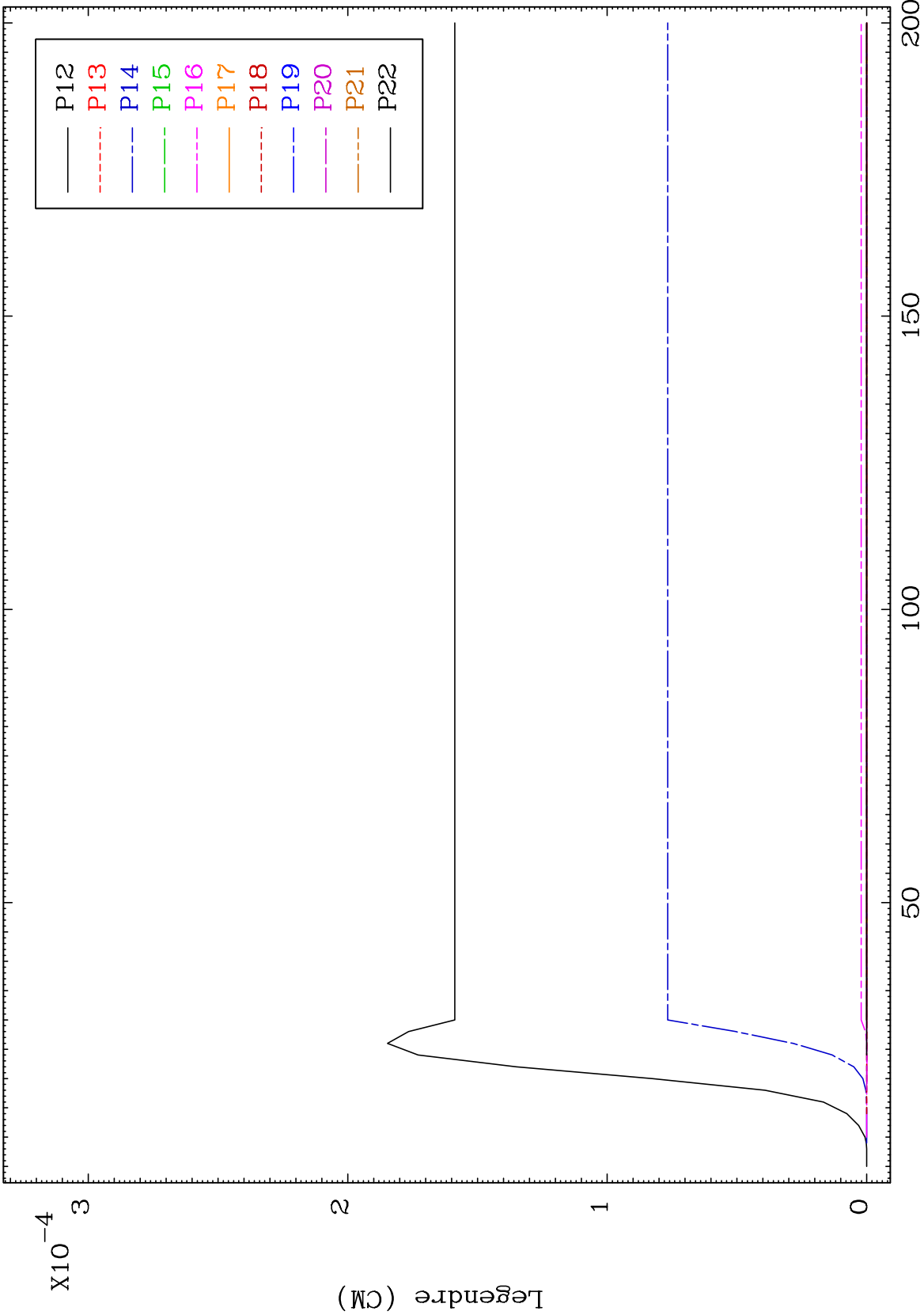
Incident Energy (MeV)

110

MAT 3834

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

38-Sr-87



111

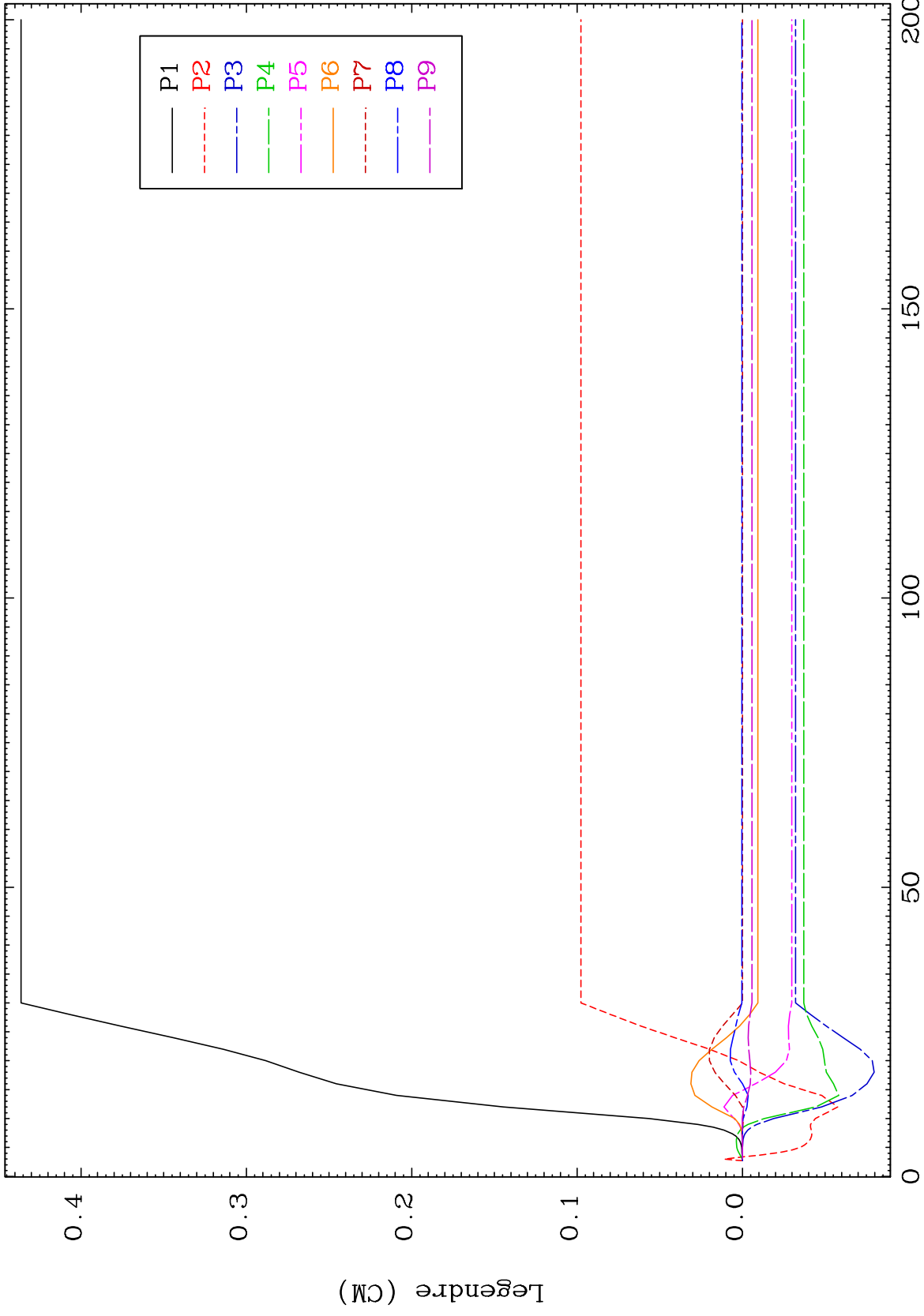
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



112

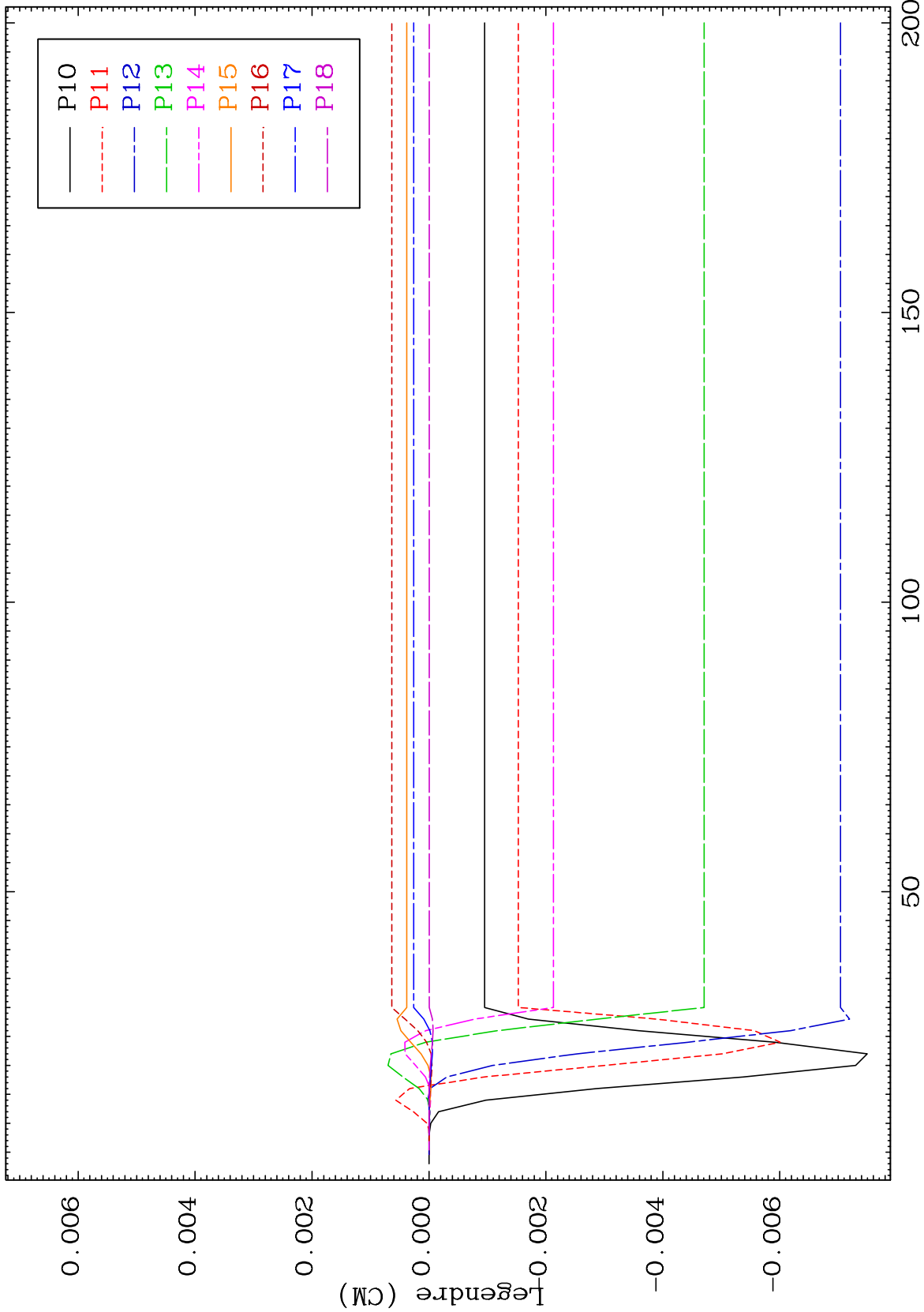
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



113

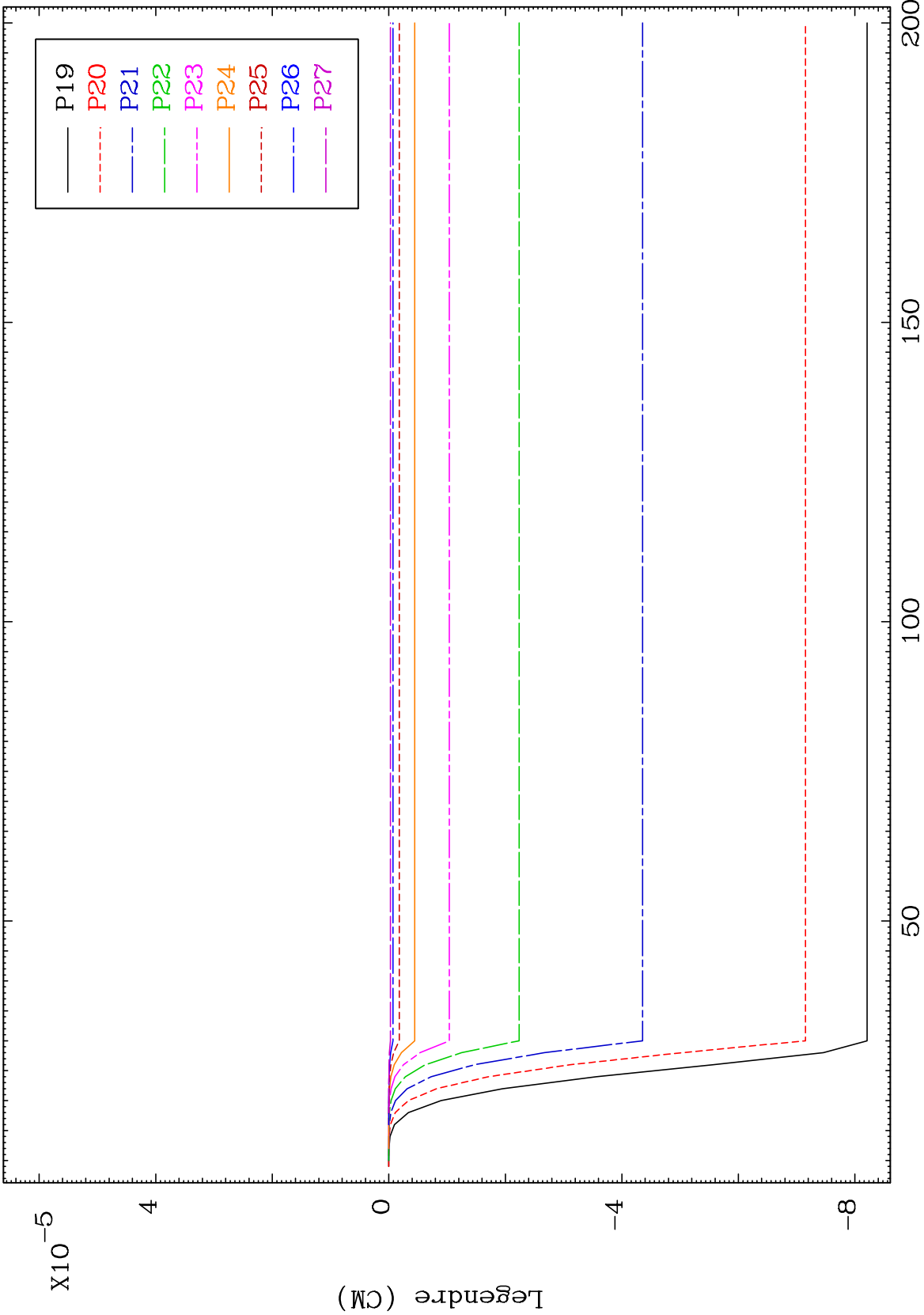
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

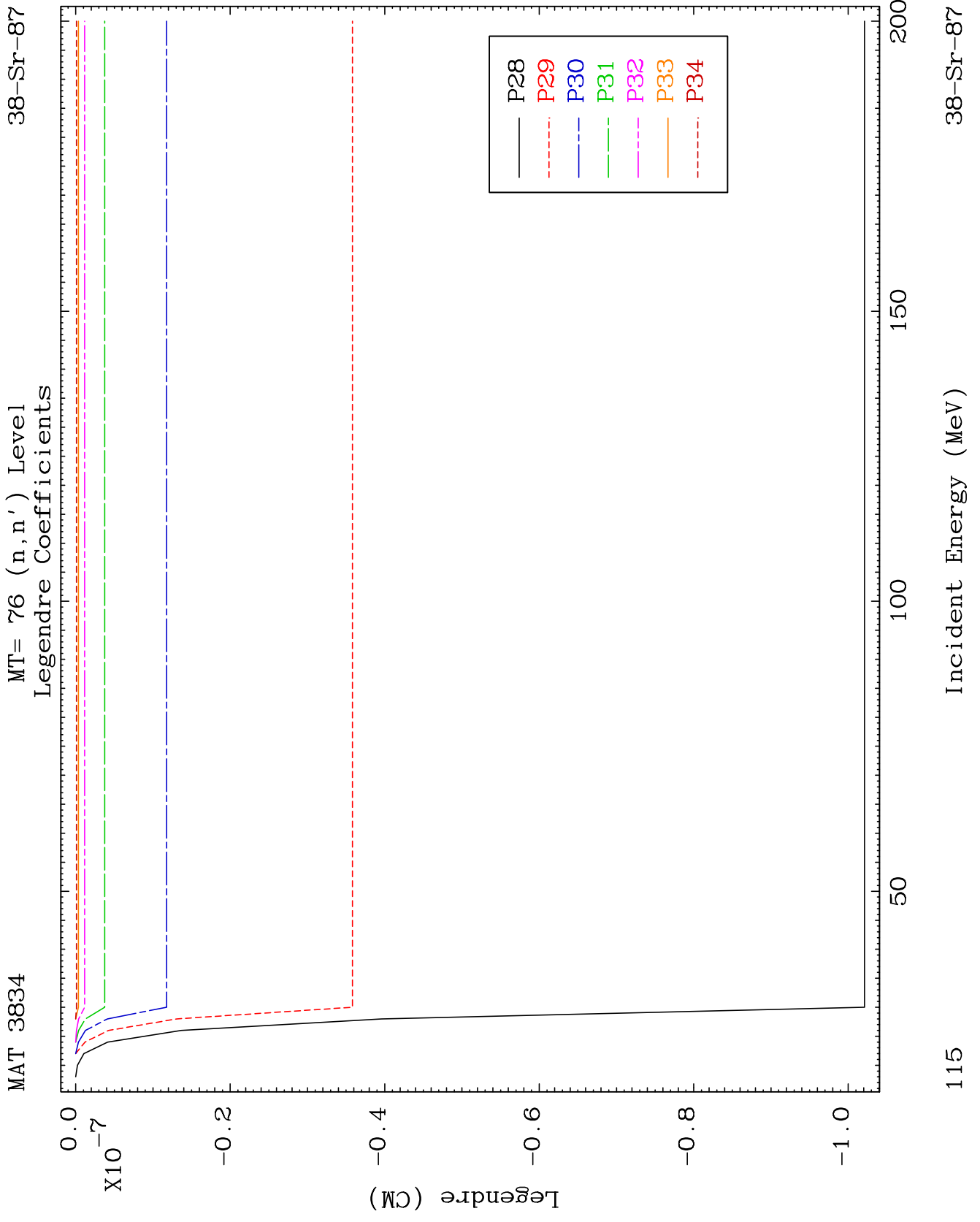
38-Sr-87



114

Incident Energy (MeV)

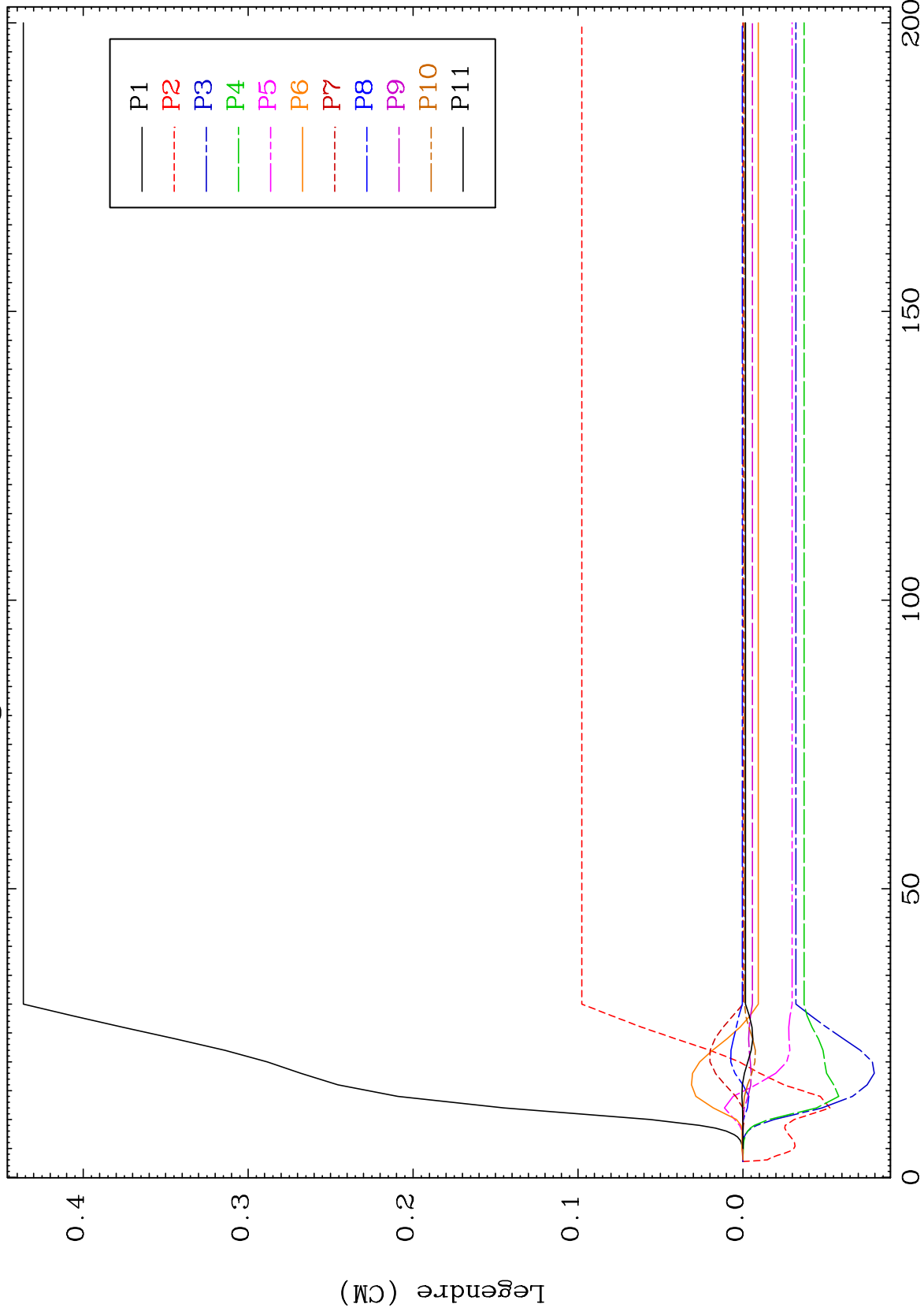
38-Sr-87



MAT 3834

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

38-Sr-87



116

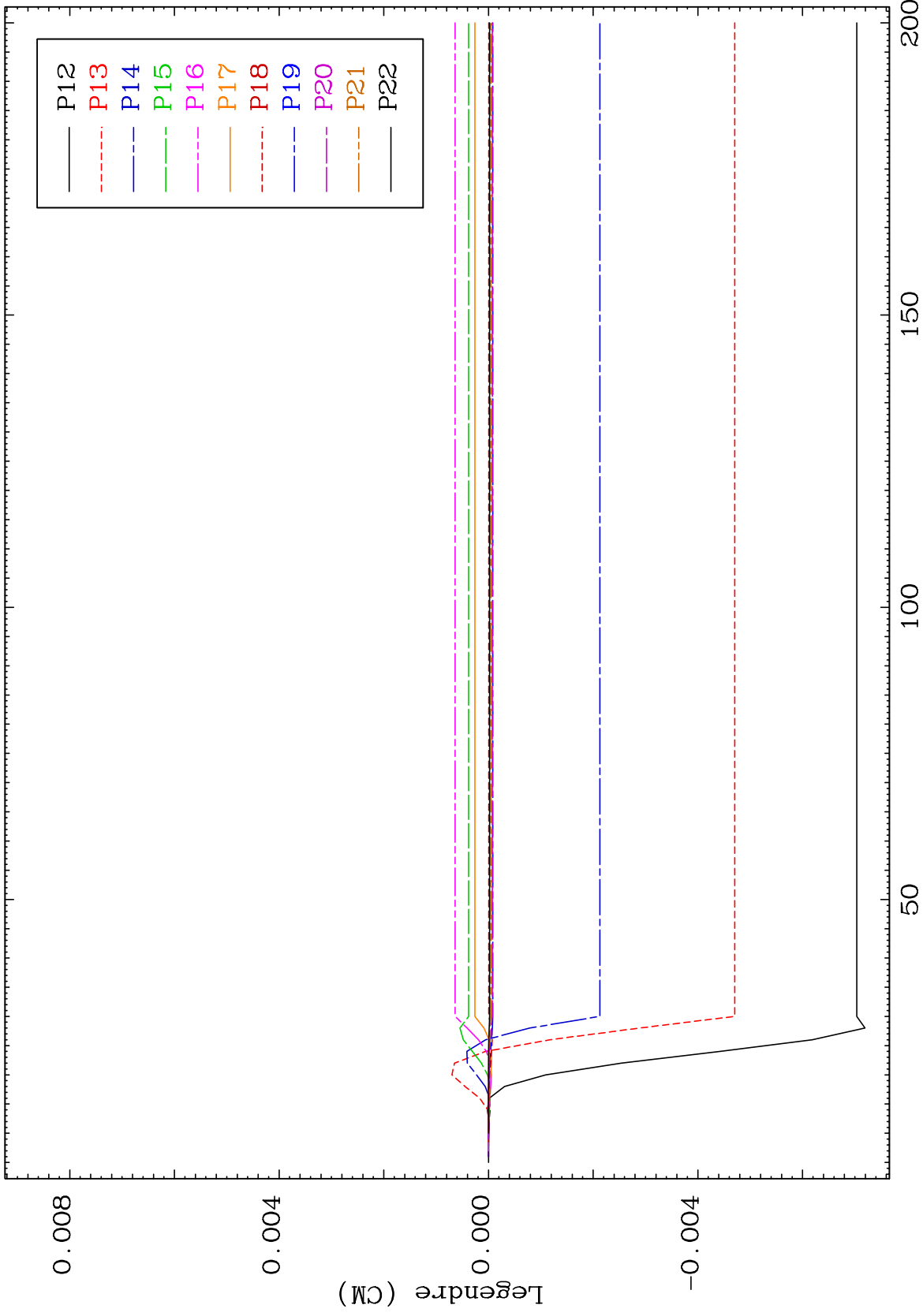
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



117

Incident Energy (MeV)

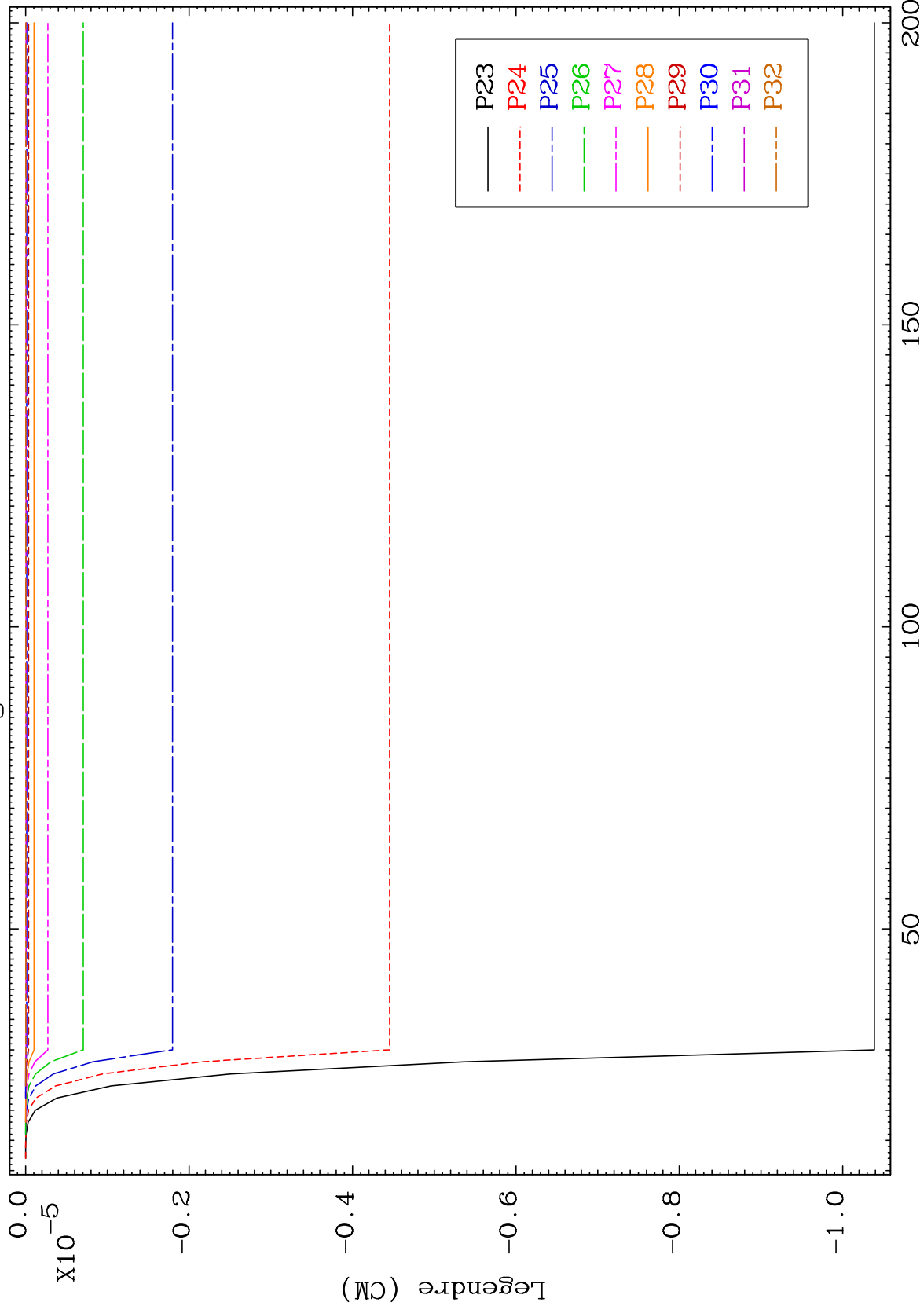
38-Sr-87

MAT 3834

MT= 77 (n,n') Level

38-Sr-87

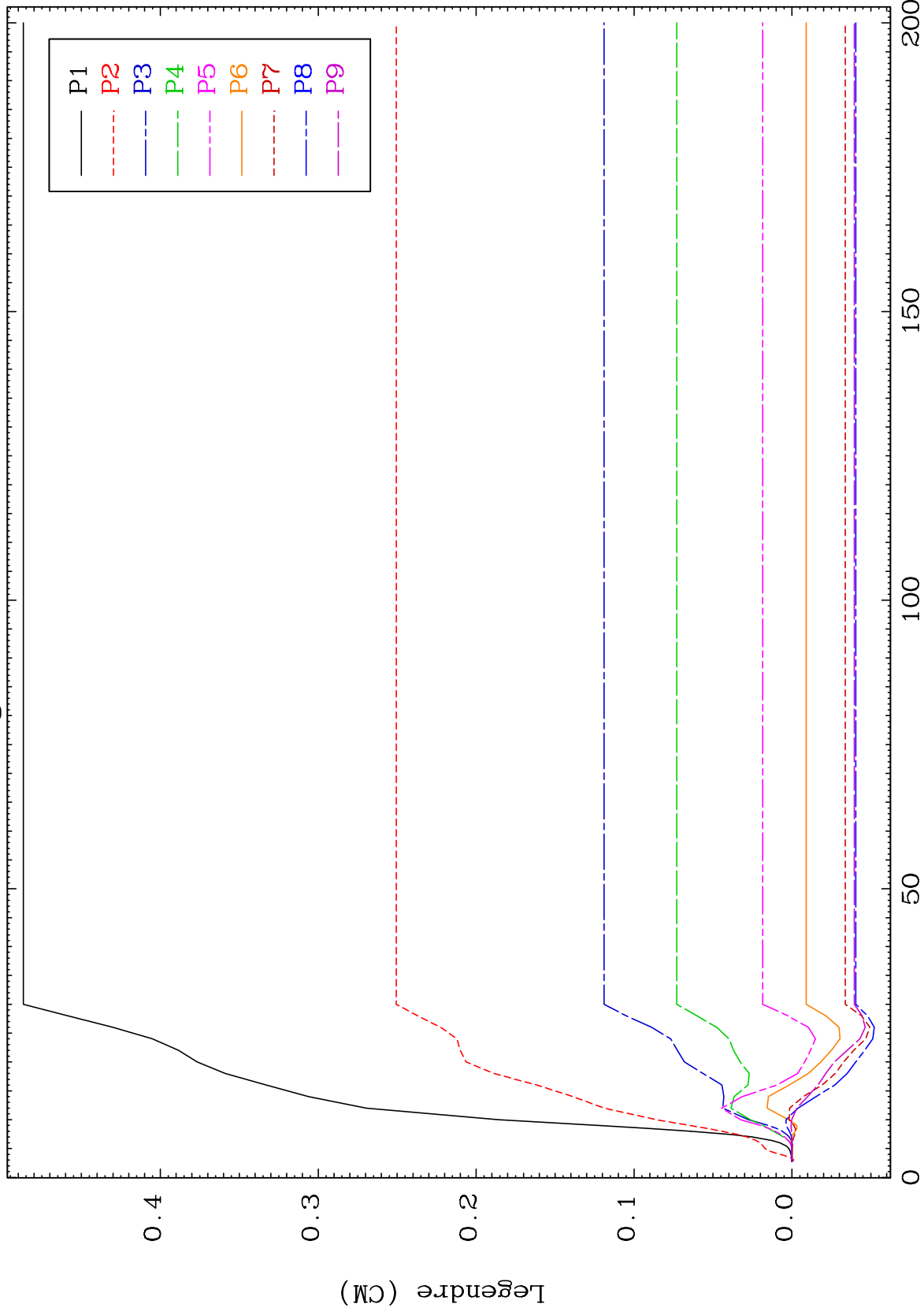
Legendre Coefficients



MAT 3834

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

38-Sr-87



119

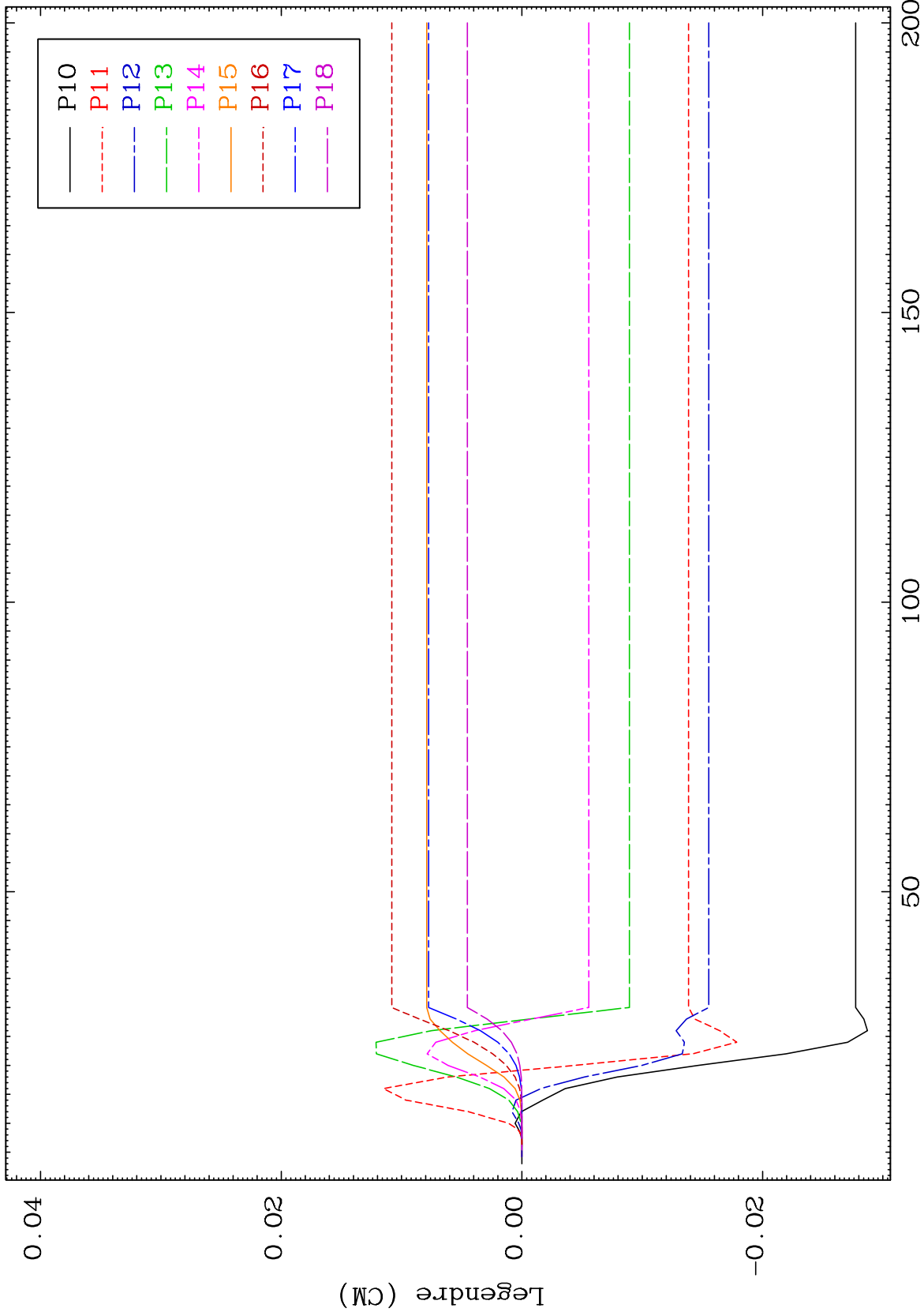
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



38-Sr-87

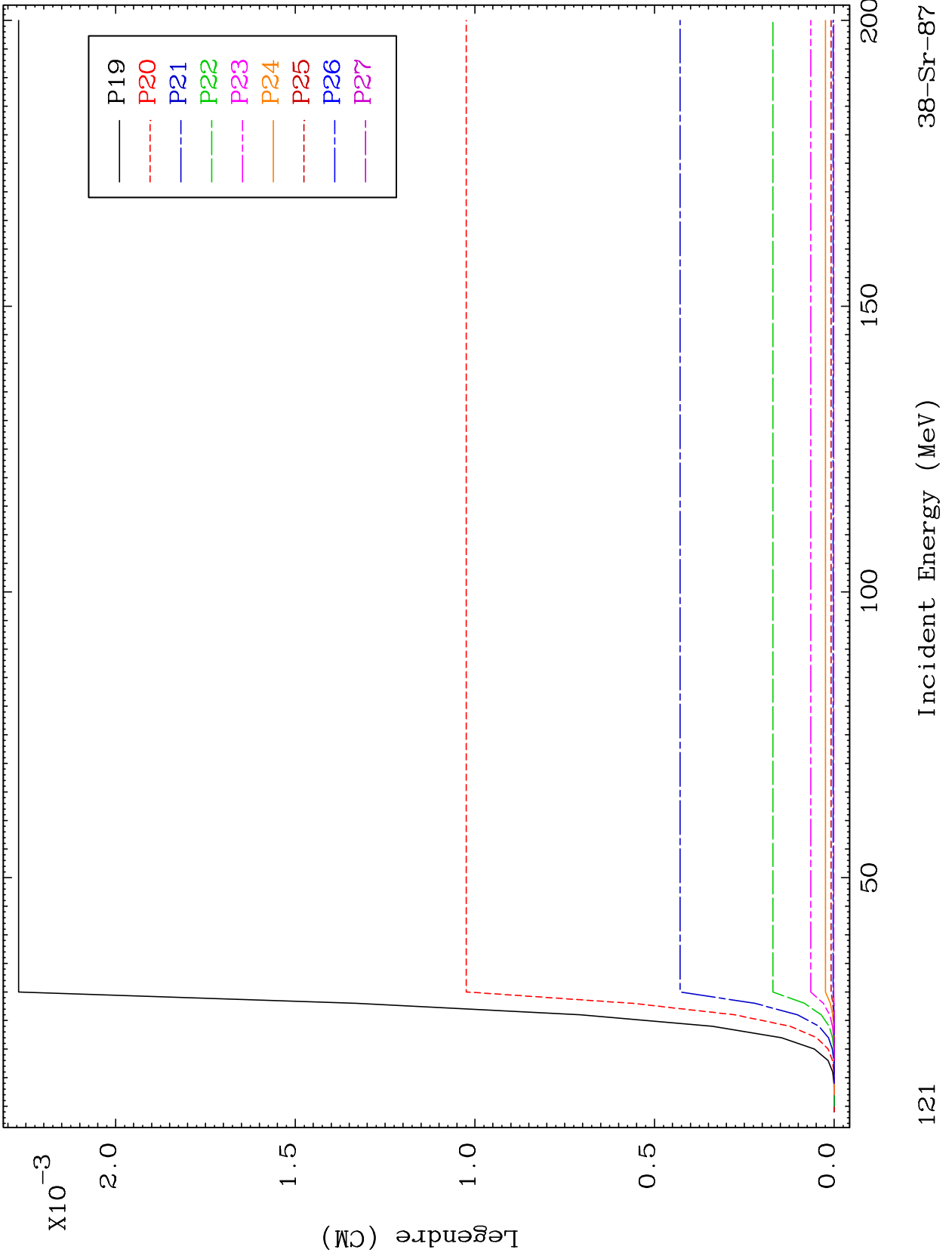
Incident Energy (MeV)

120

MAT 3834

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

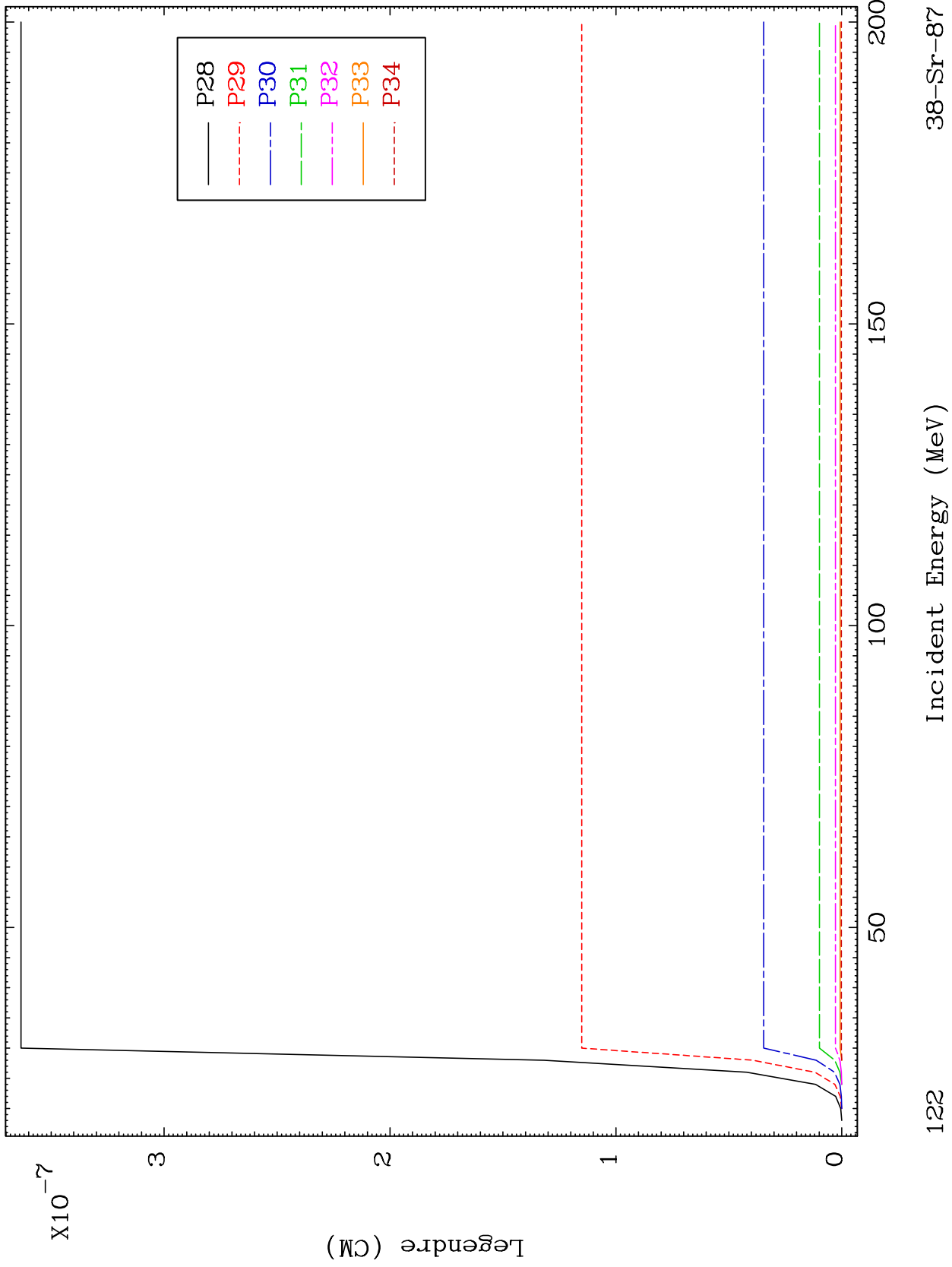
38-Sr-87



MAT 3834

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

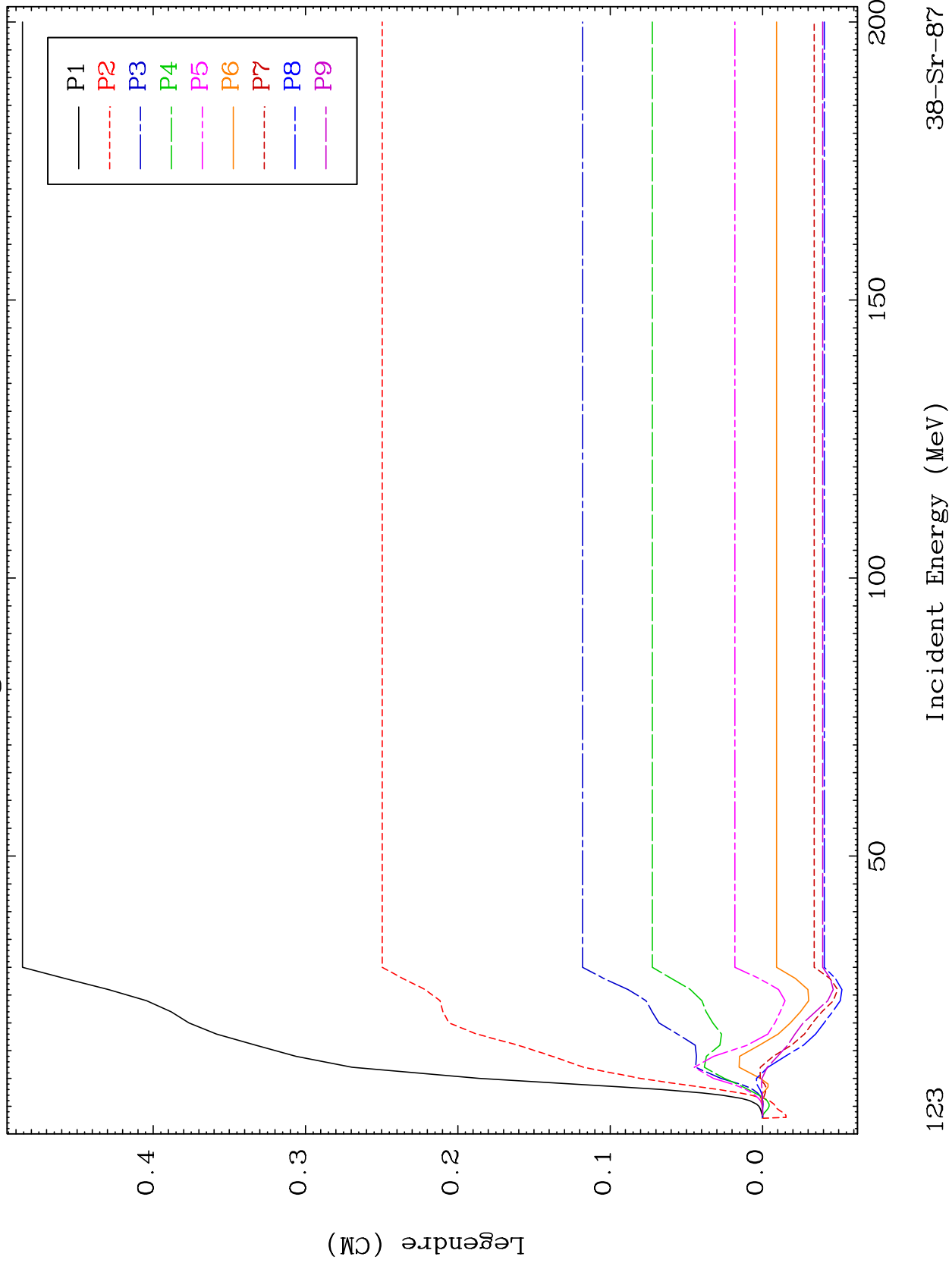
38-Sr-87



MAT 3834

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

38-Sr-87



123

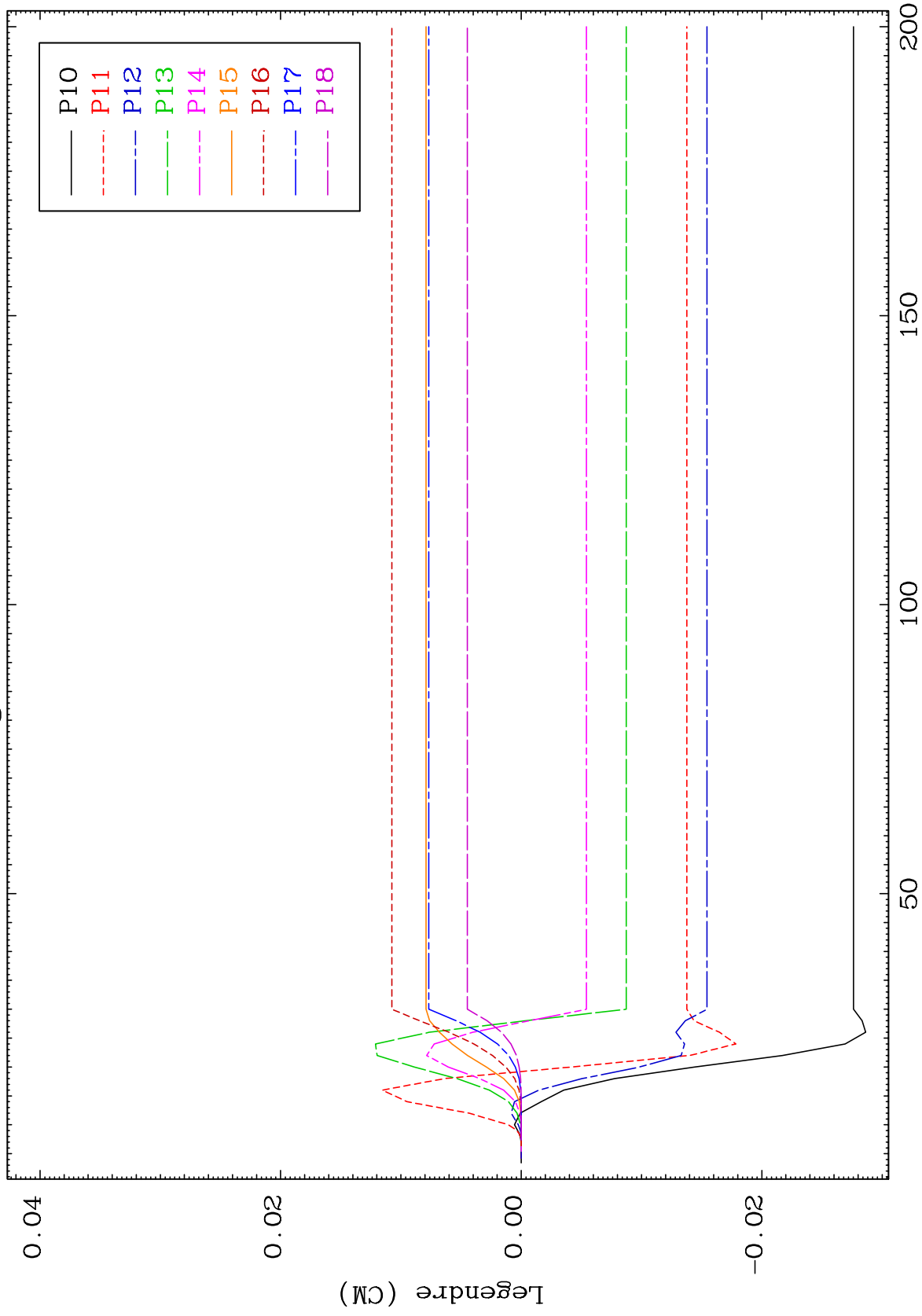
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

38-Sr-87



124

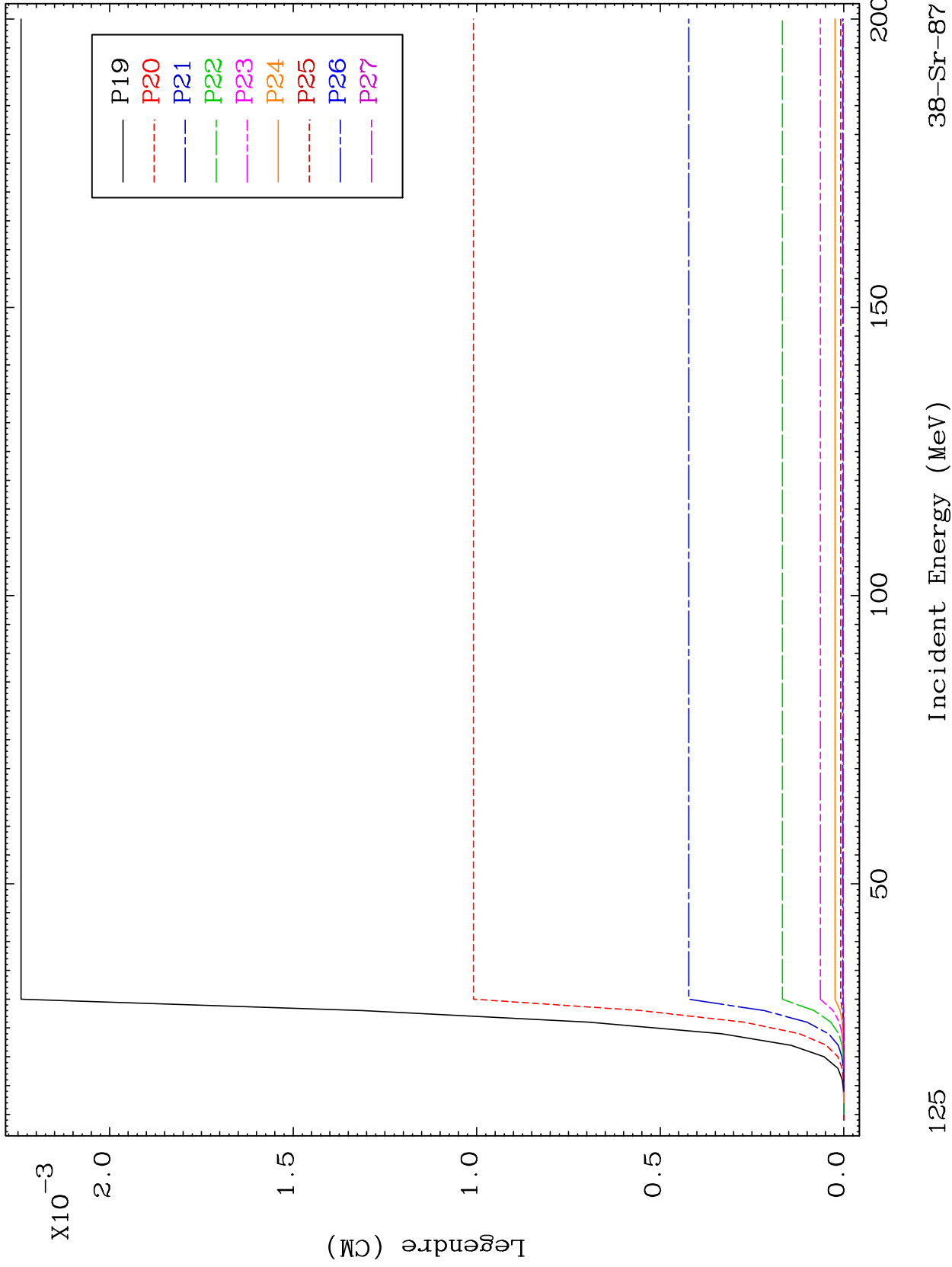
Incident Energy (MeV)

38-Sr-87

MAT 3834

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

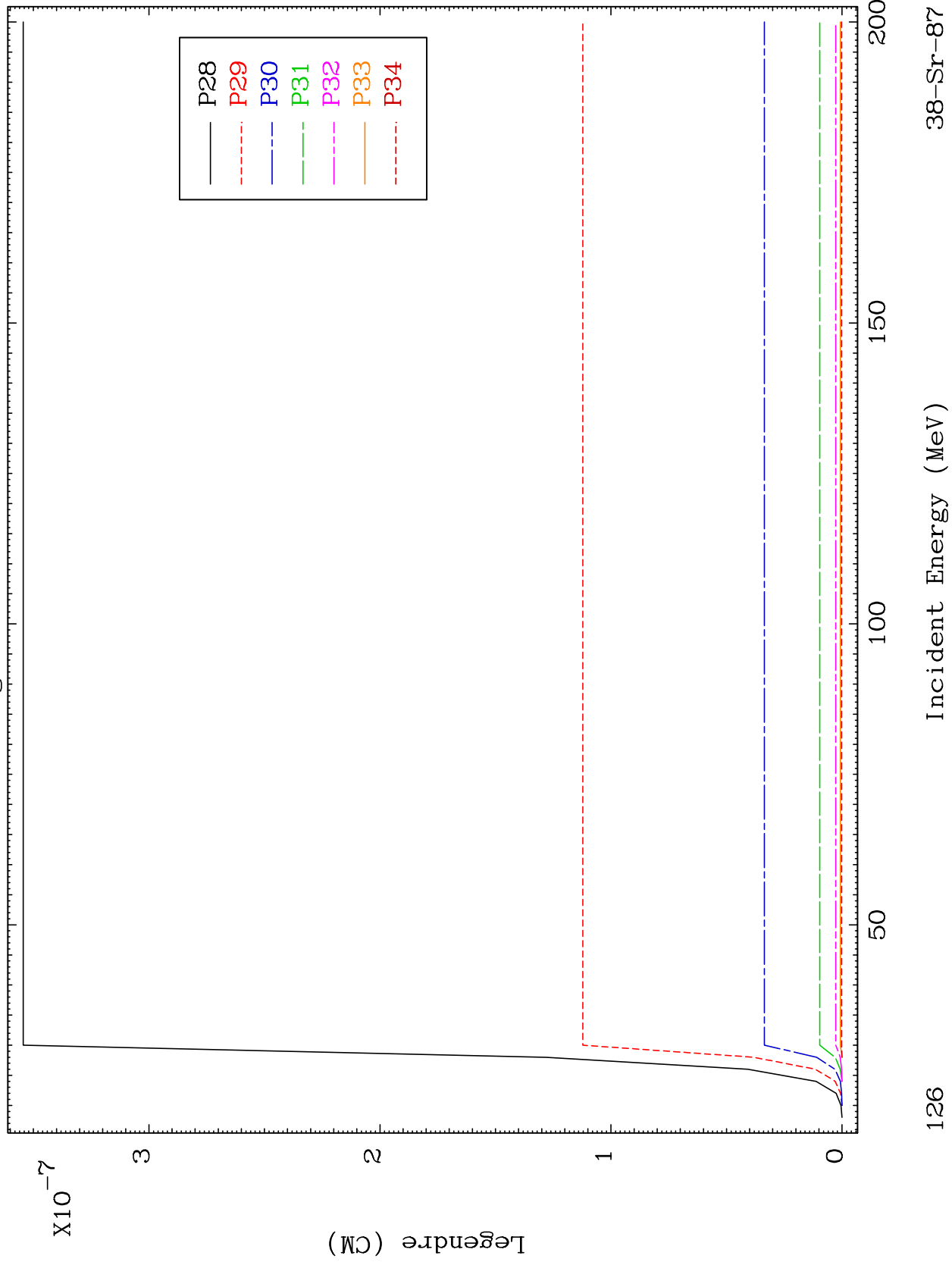
38-Sr-87



MAT 3834

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

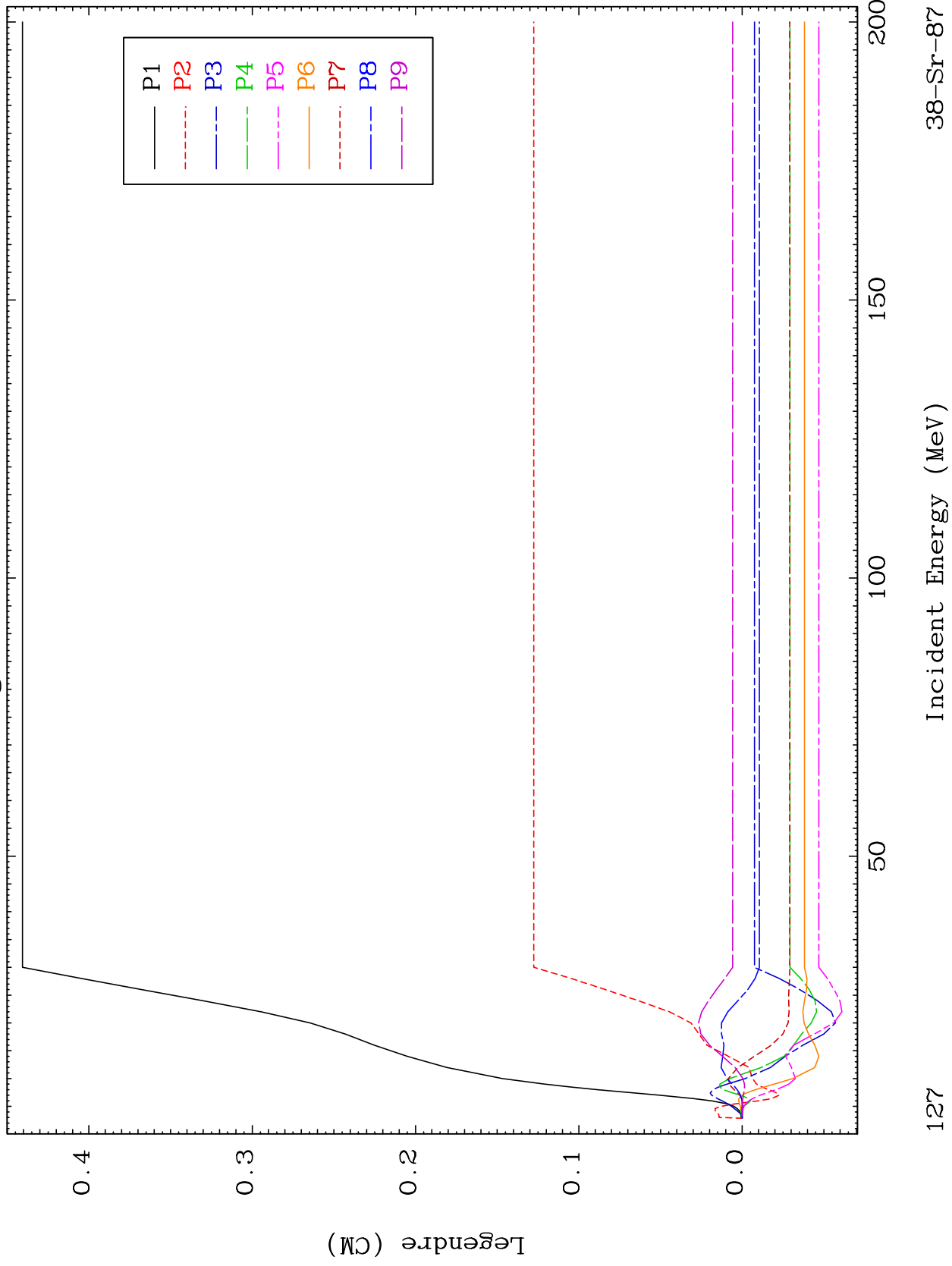
38-Sr-87



MAT 3834

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

38-Sr-87



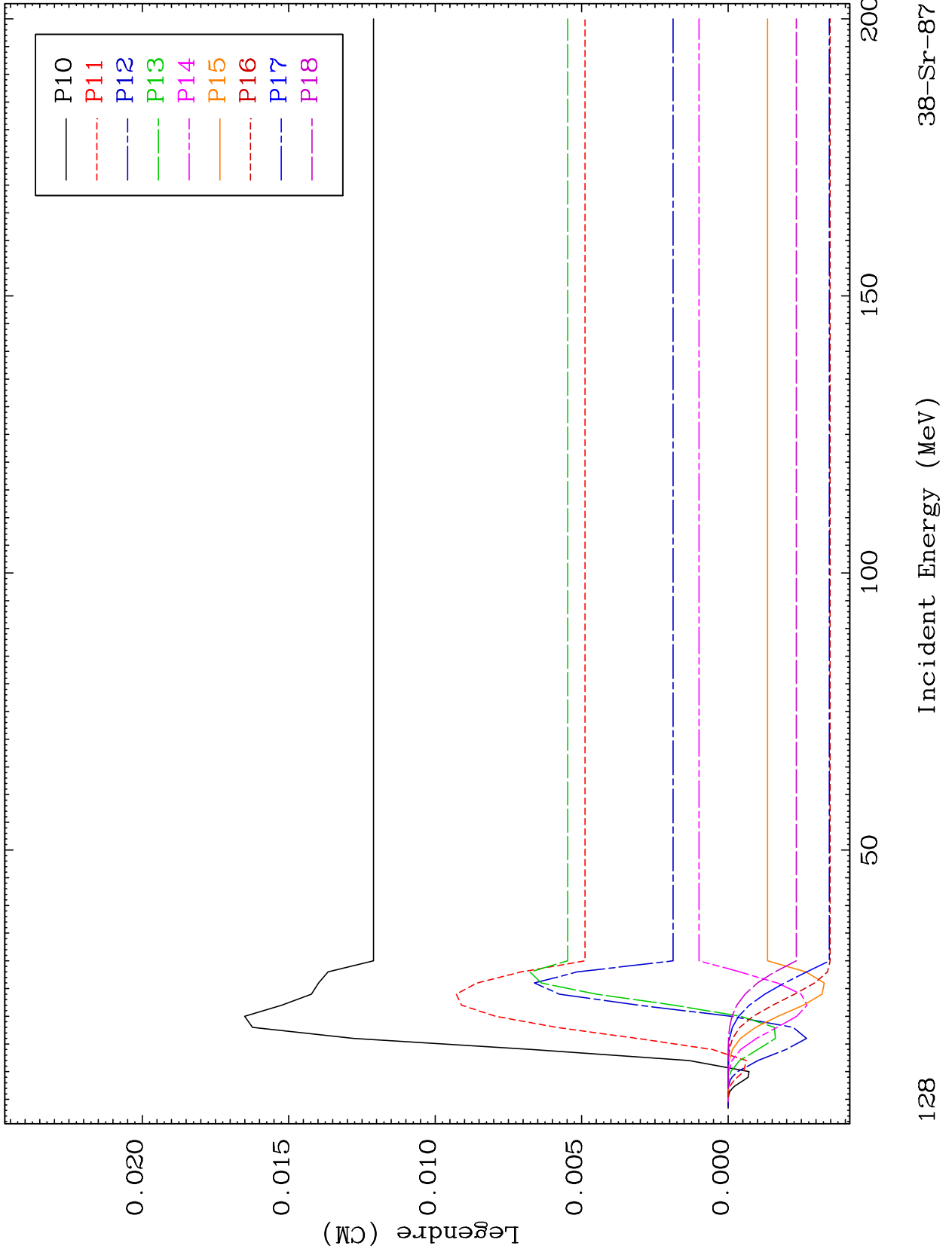
127

38-Sr-87

MAT 3834

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

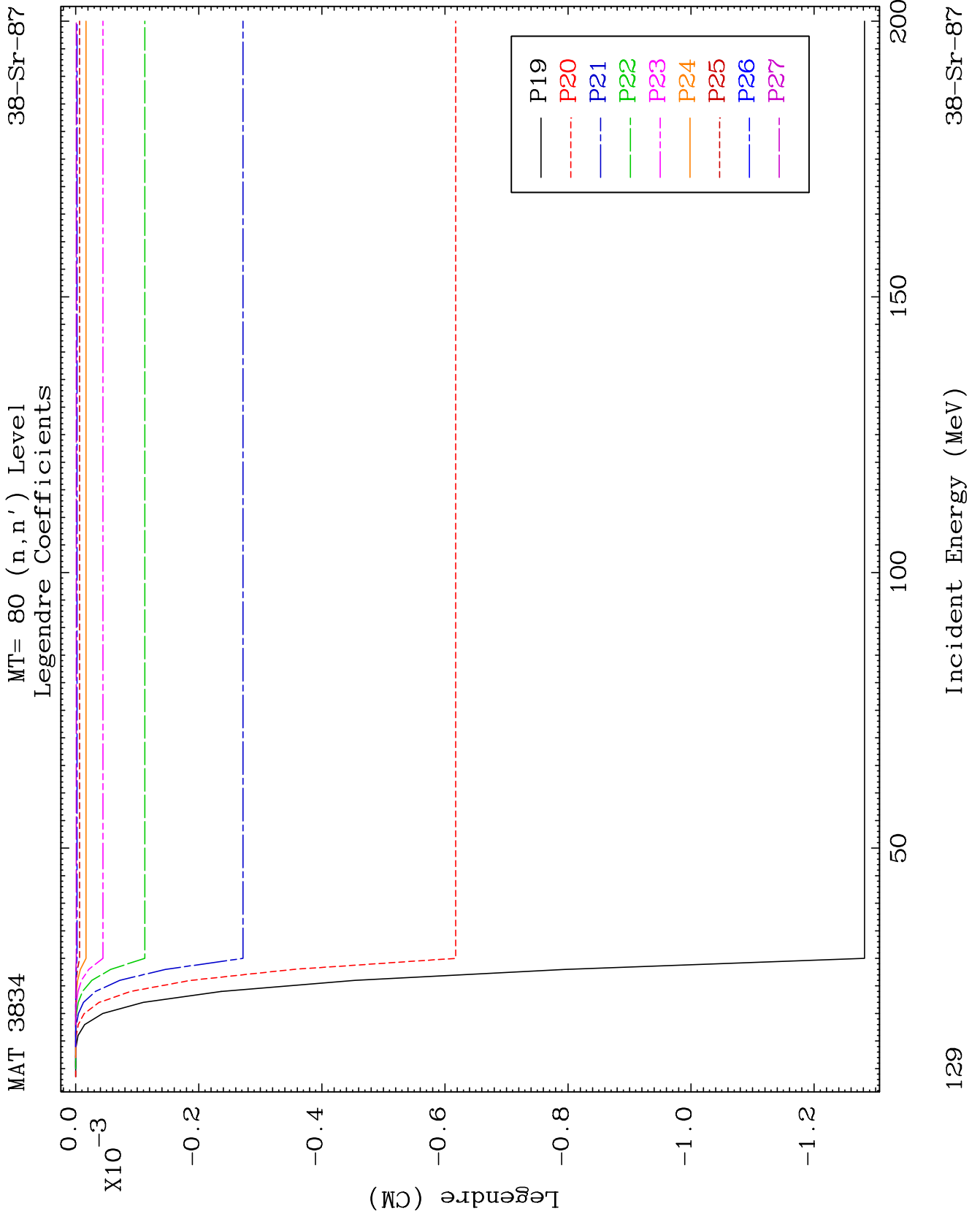
38-Sr-87

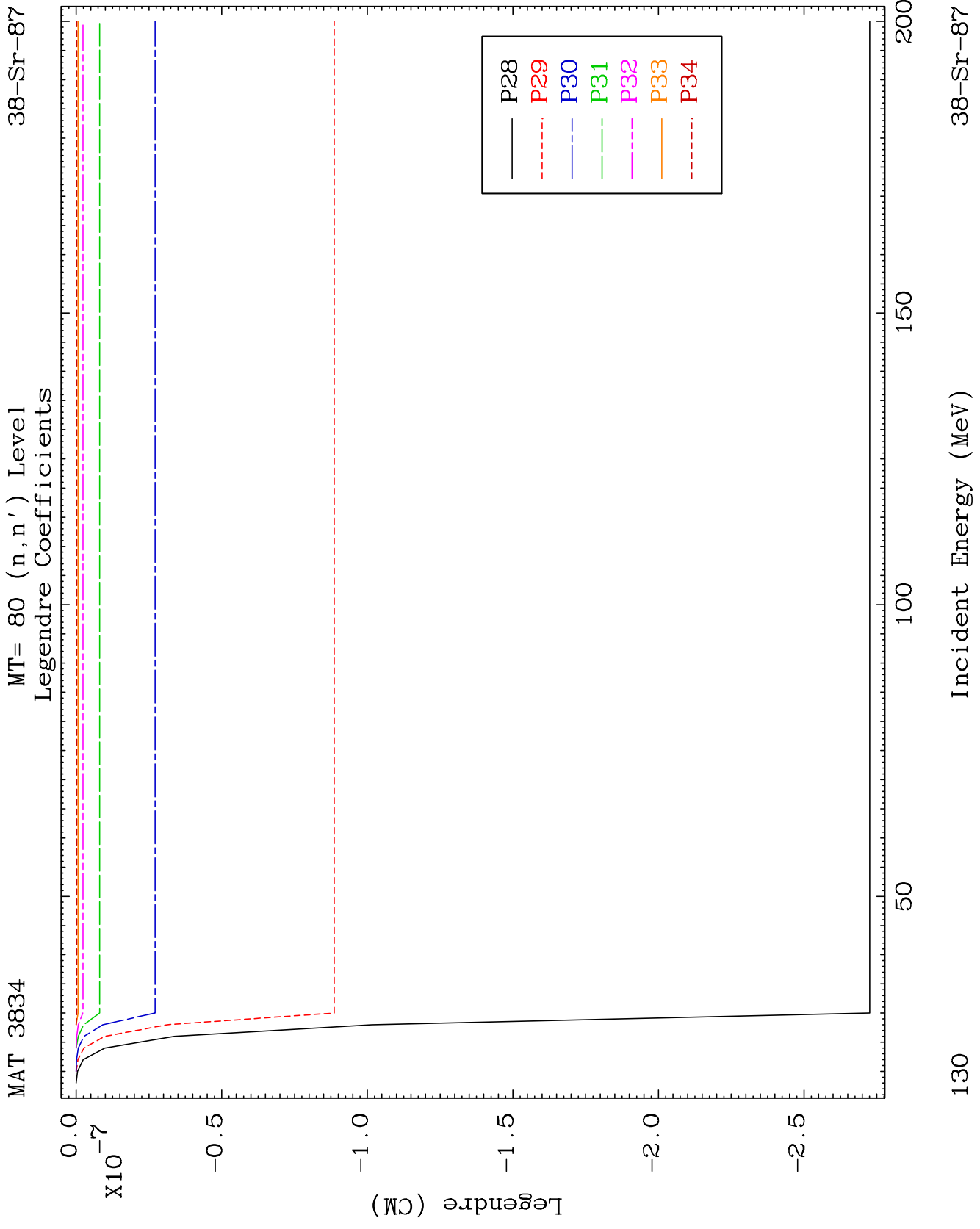


128

Incident Energy (MeV)

38-Sr-87

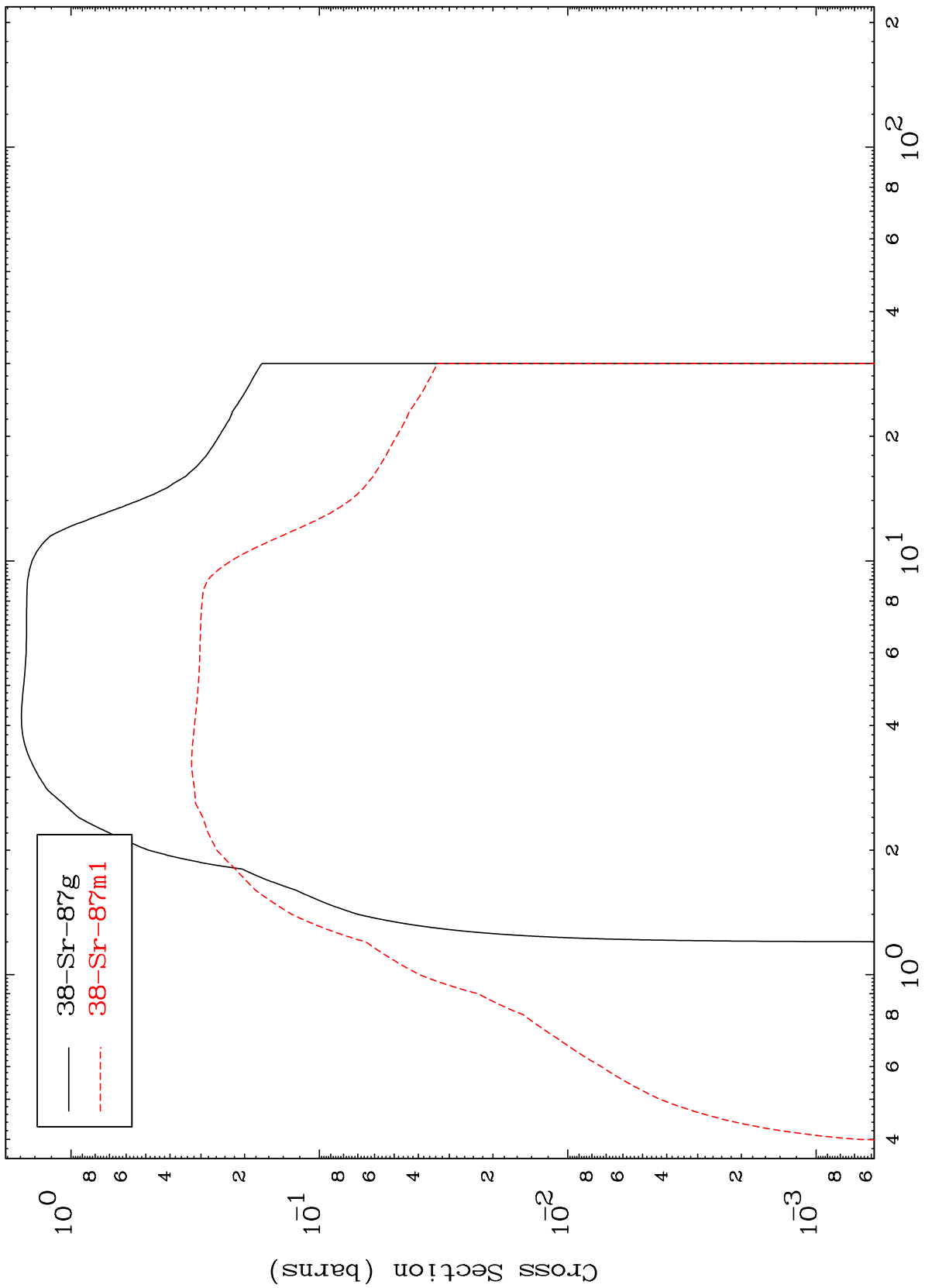




MAT 3834

38-Sr-87

Inelastic
Radionuclide Production Cross Section

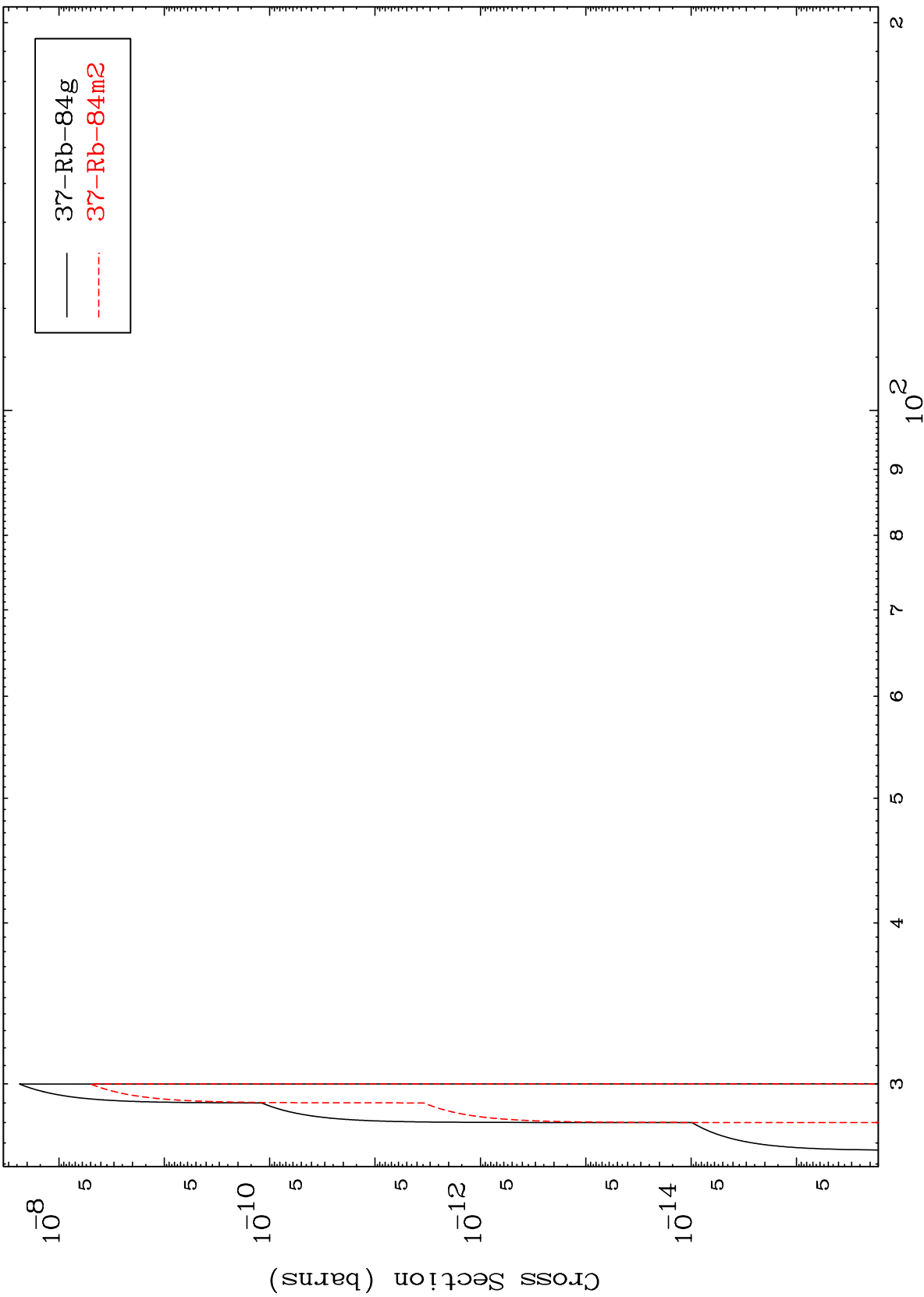


131

Incident Energy (MeV)

38-Sr-87

Radionuclide Production Cross Section

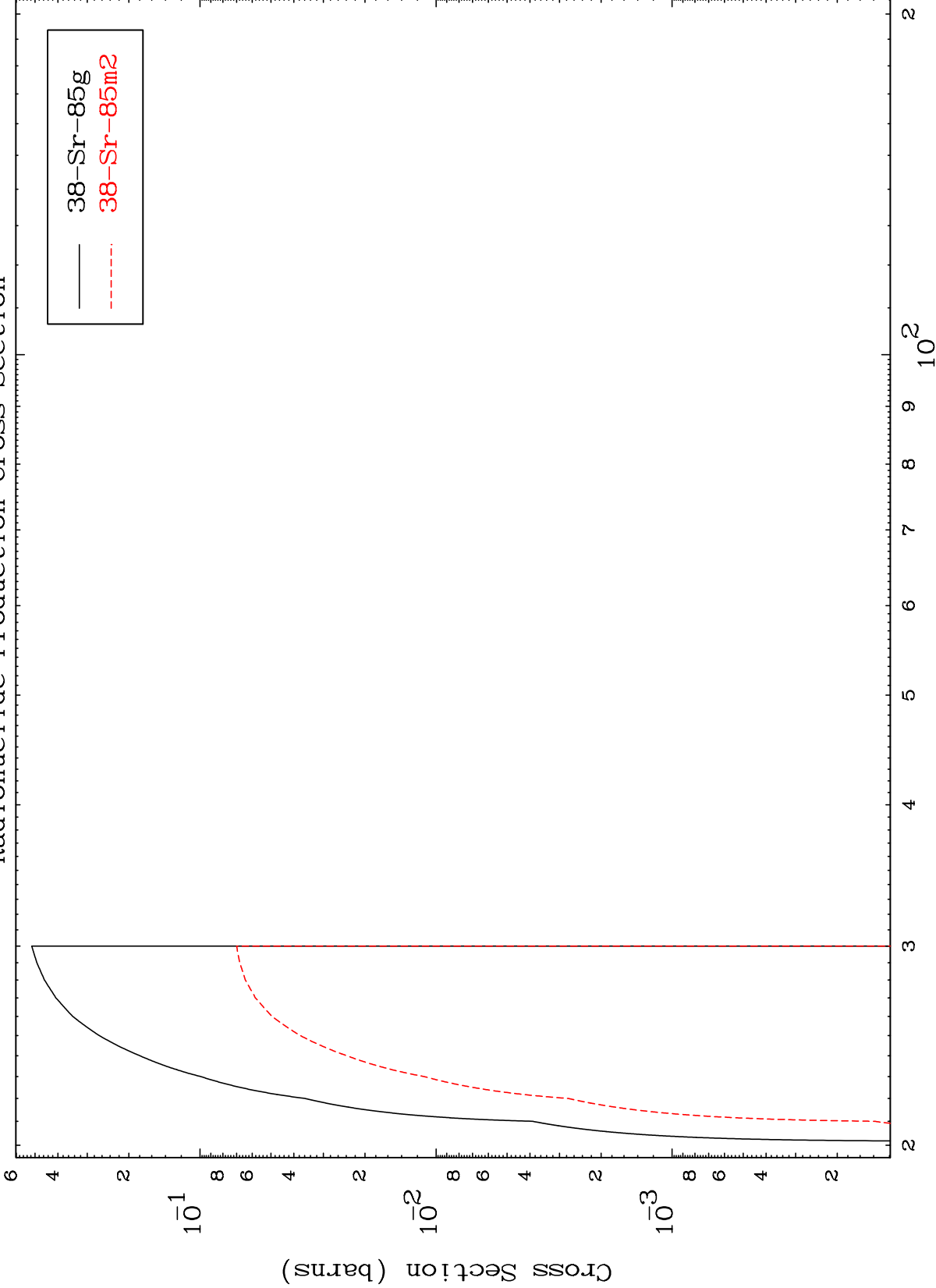


MAT 3834

(n,3n)

³⁸Sr-87

Radionuclide Production Cross Section



133

Incident Energy (MeV)

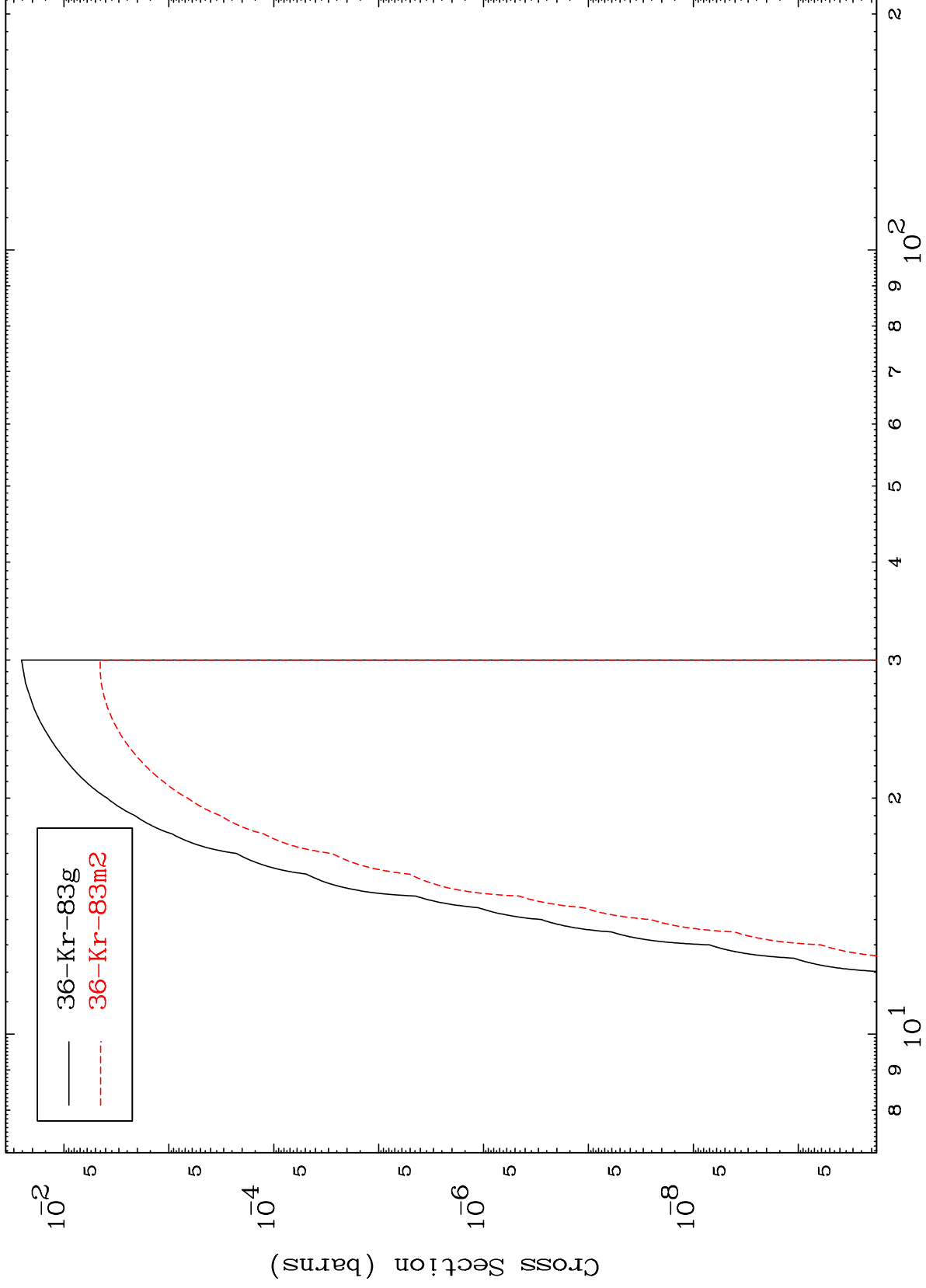
³⁸Sr-87

MAT 3834

(n,n') α

38-Sr-87

Radionuclide Production Cross Section



134

Incident Energy (MeV)

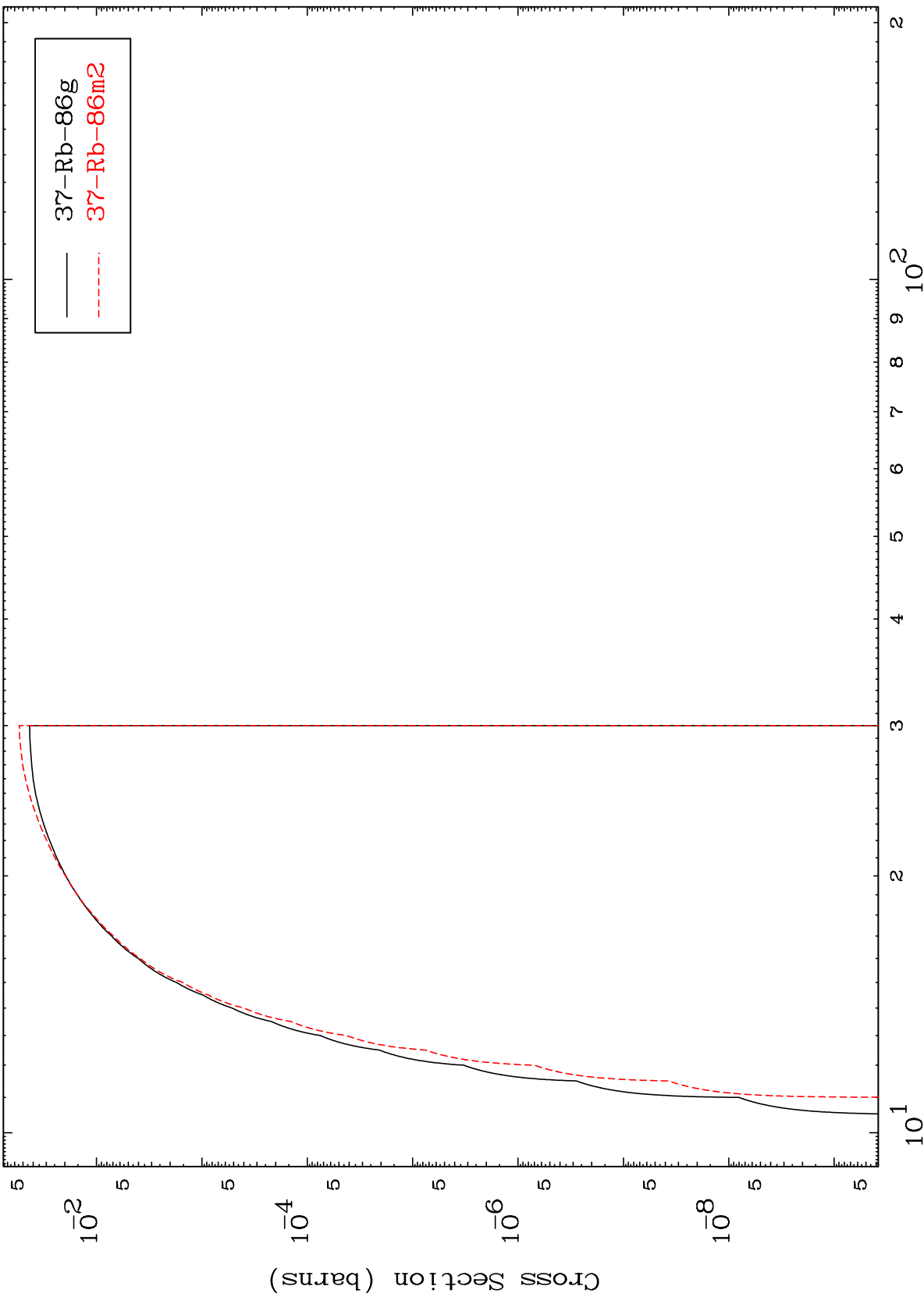
38-Sr-87

MAT 3834

(n,n') p

38-Sr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

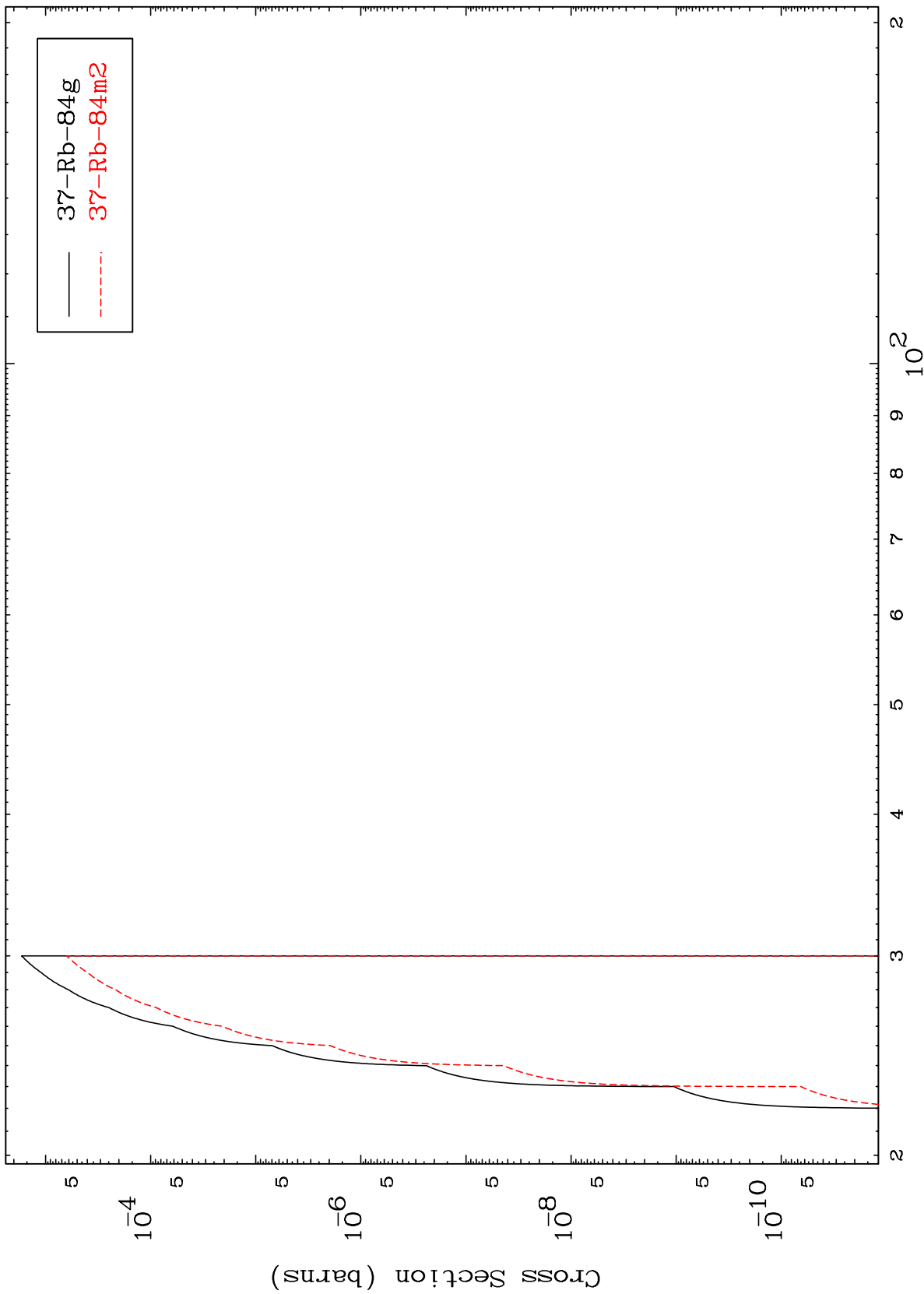
38-Sr-87

MAT 3834

(n,n') t

38-Sr-87

Radionuclide Production Cross Section



136

Incident Energy (MeV)

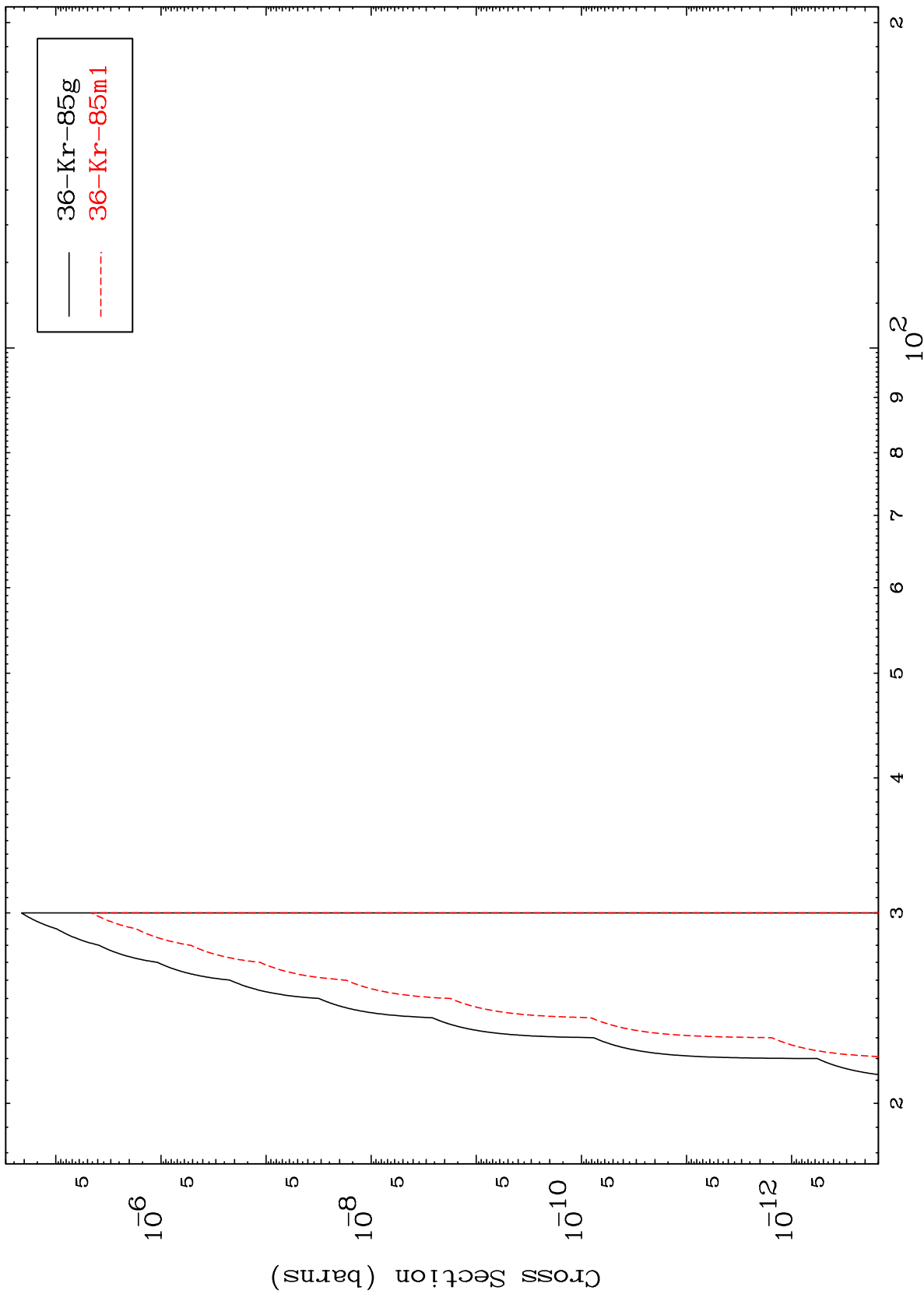
38-Sr-87

MAT 3834

(n,2n) p

38-Sr-87

Radionuclide Production Cross Section

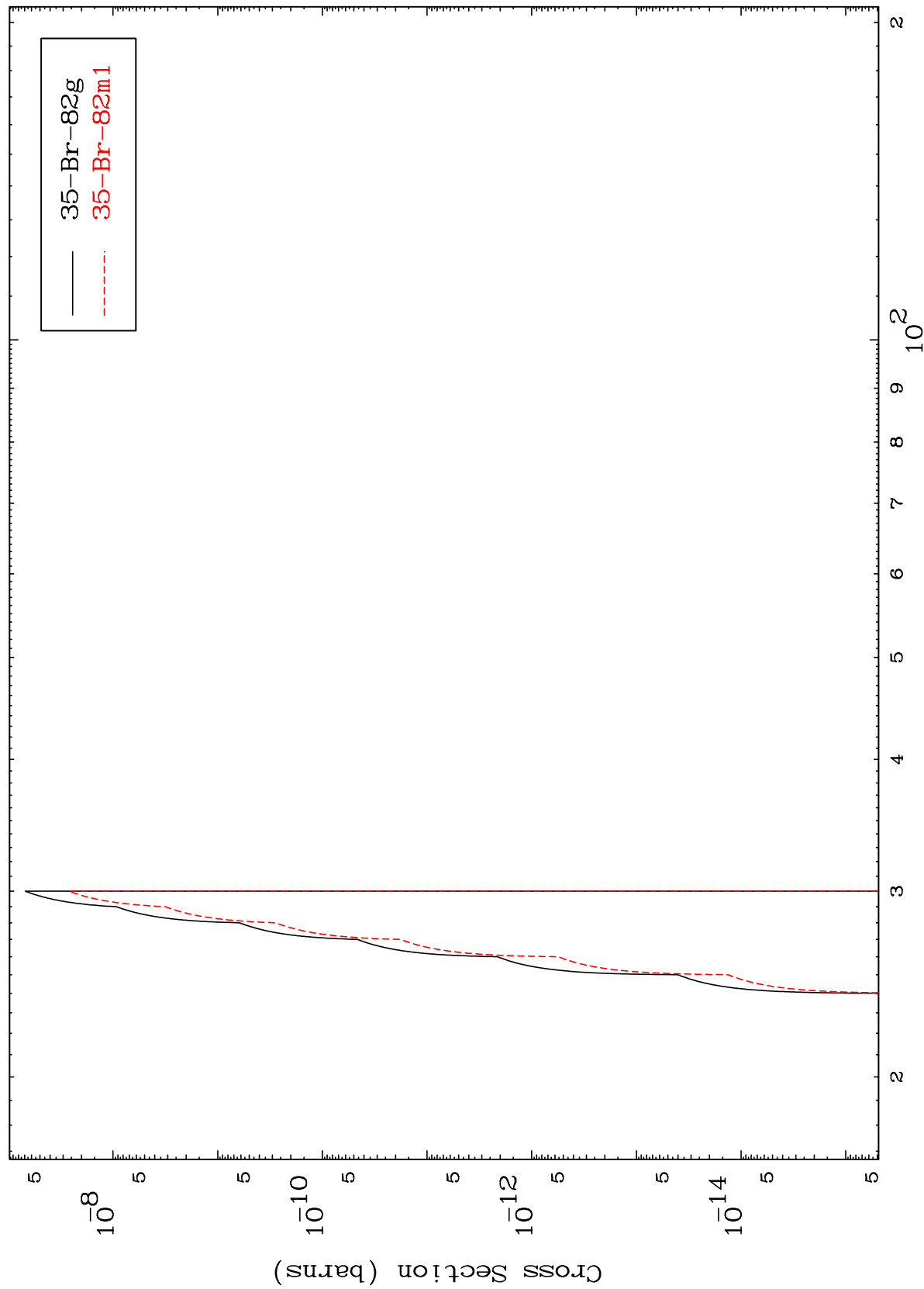


137

Incident Energy (MeV)

38-Sr-87

Radionuclide Production Cross Section

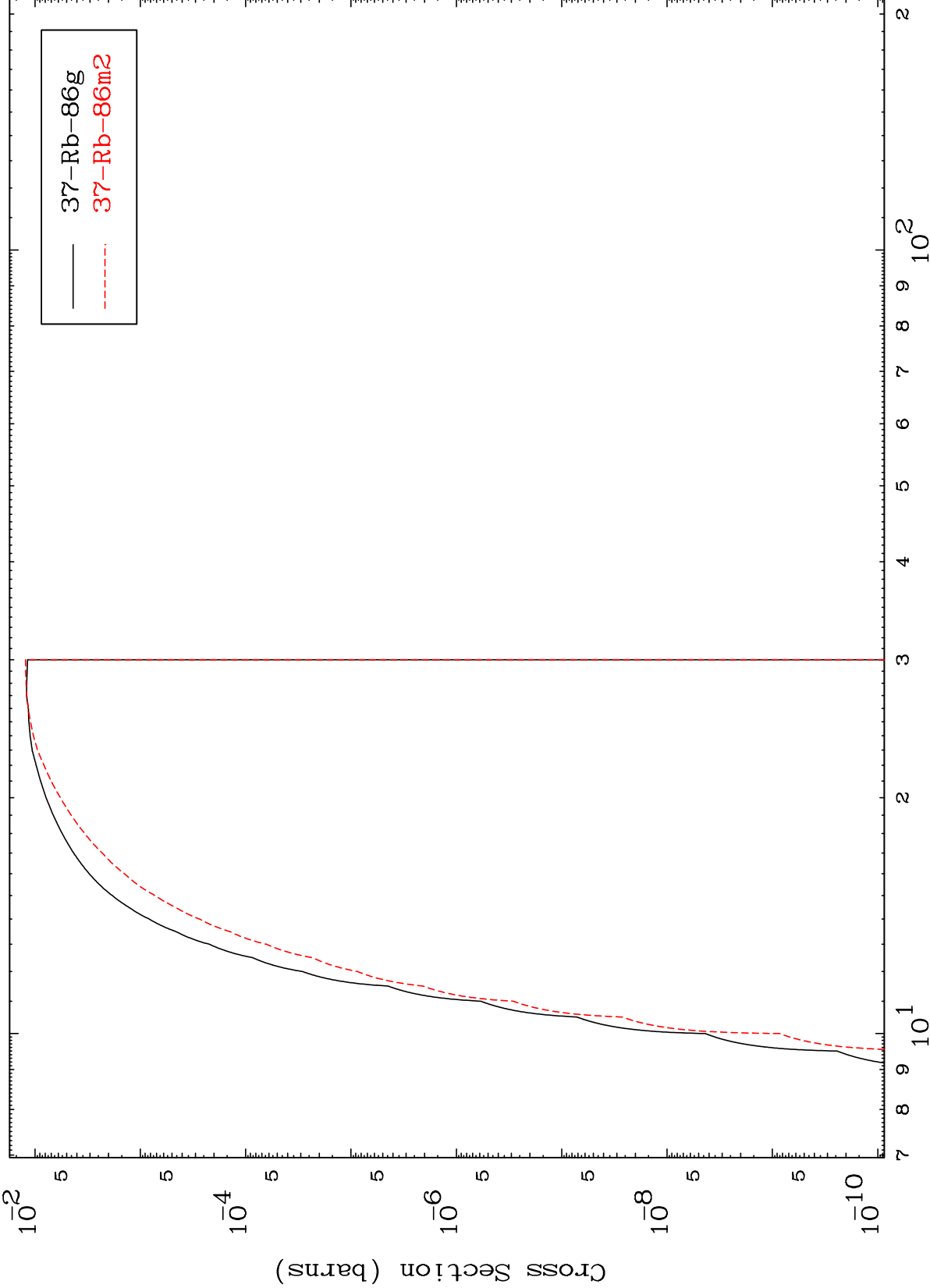


MAT 3834

(n,d)

38-Sr-87

Radionuclide Production Cross Section



139

Incident Energy (MeV)

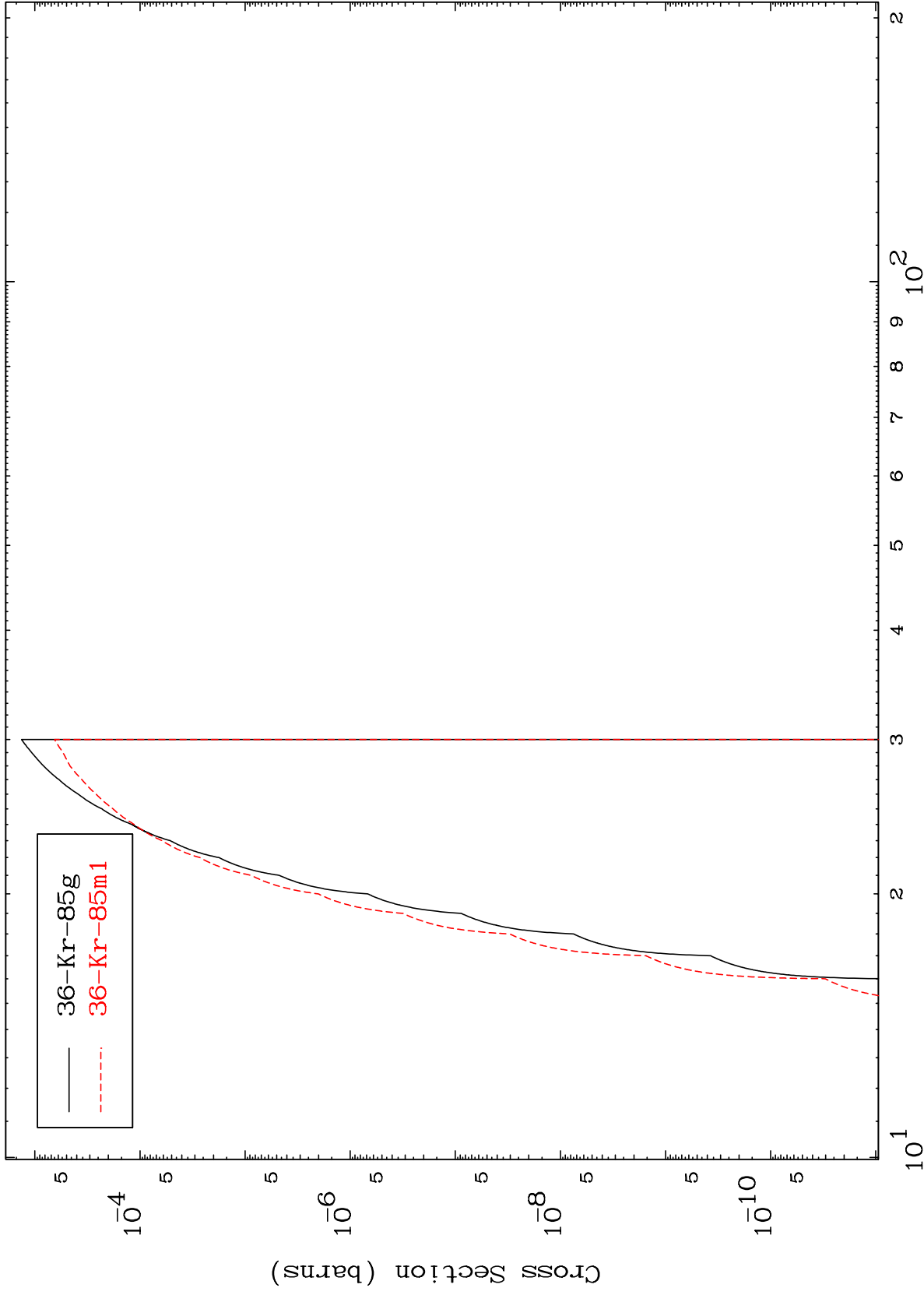
38-Sr-87

MAT 3834

(n,He-3)

38-Sr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

38-Sr-87

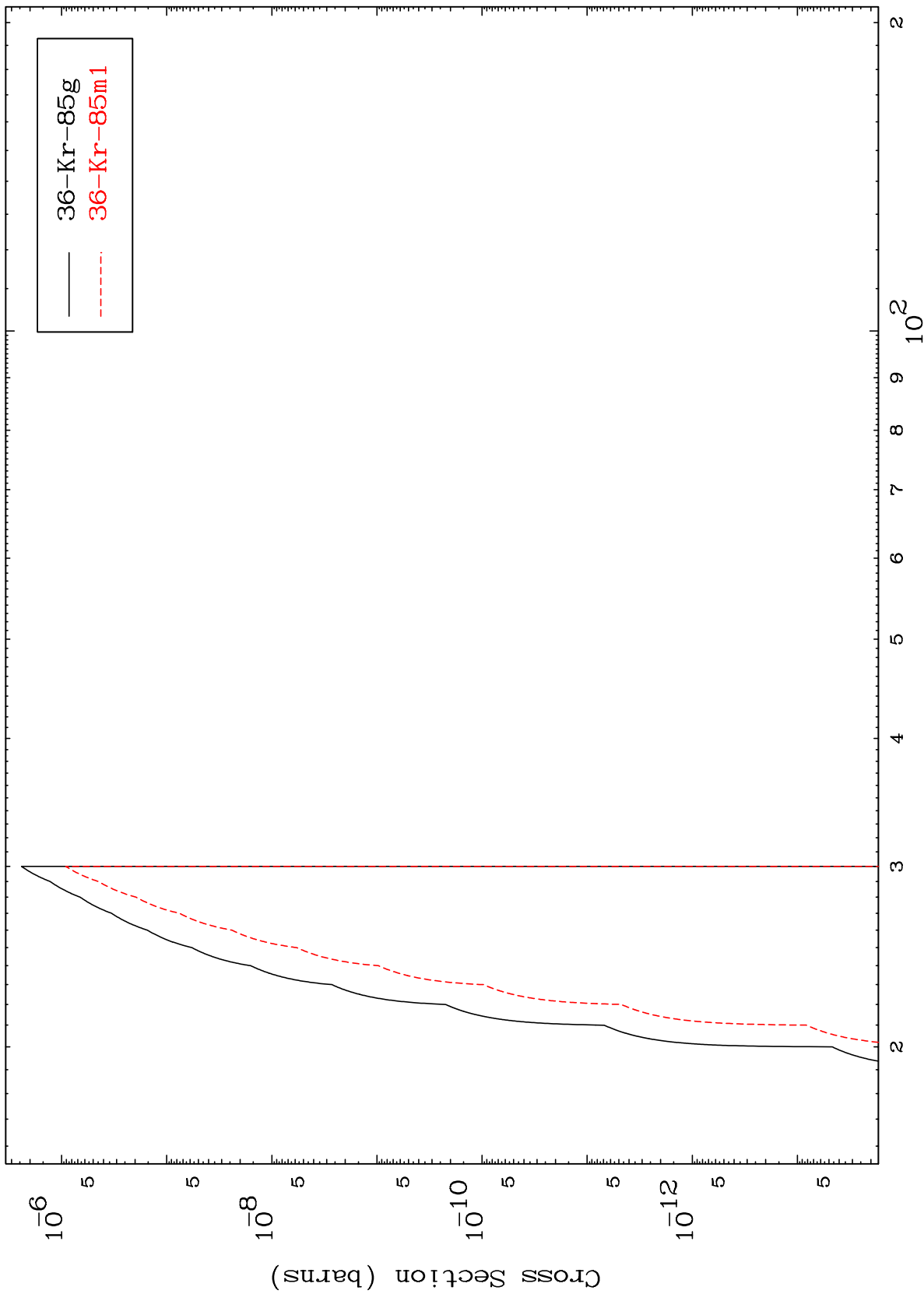
140

MAT 3834

(n,p) d

38-Sr-87

Radionuclide Production Cross Section



141

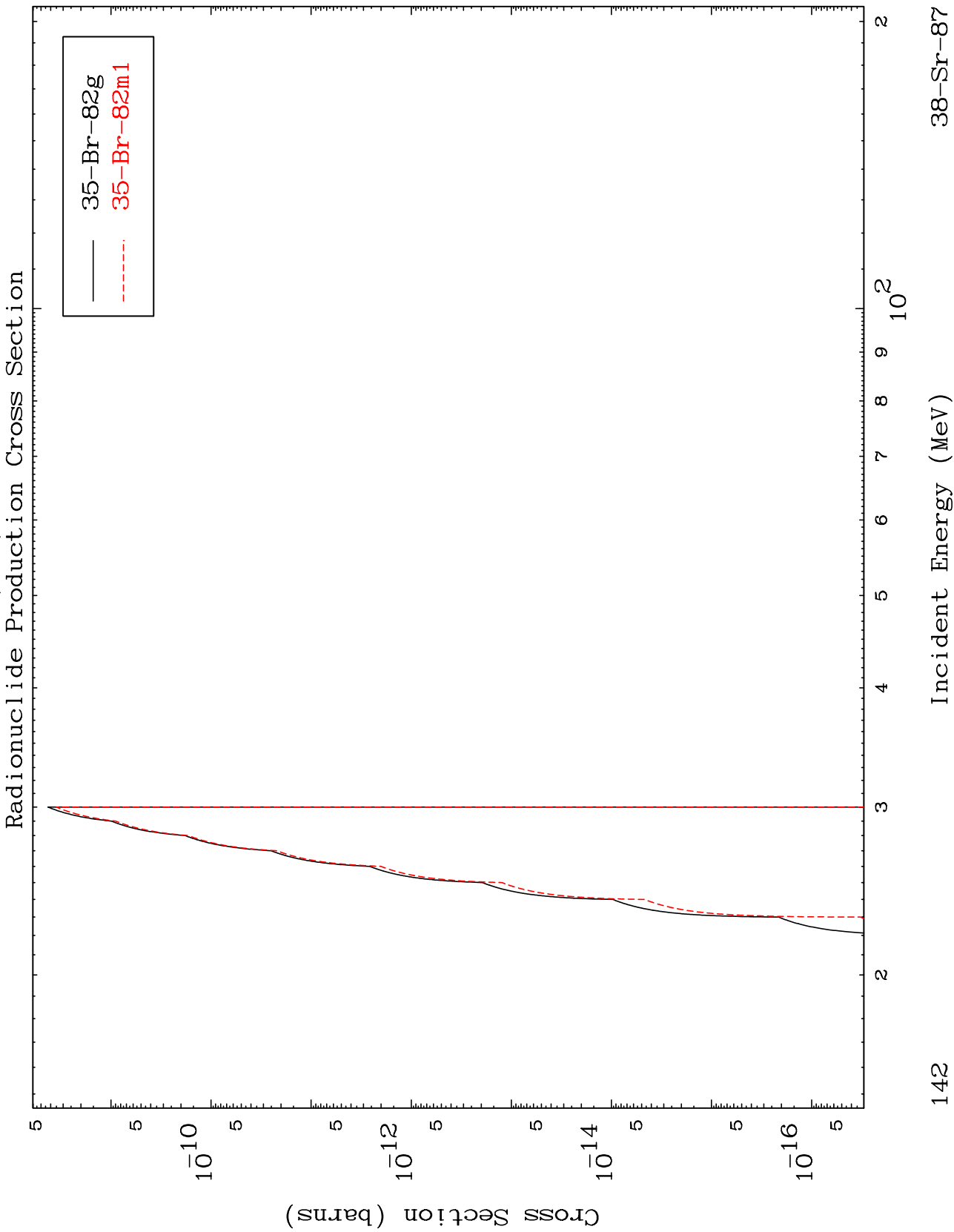
Incident Energy (MeV)

38-Sr-87

MAT 3834

(n,d) α

38-Sr-87



142

Incident Energy (MeV)

38-Sr-87