

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

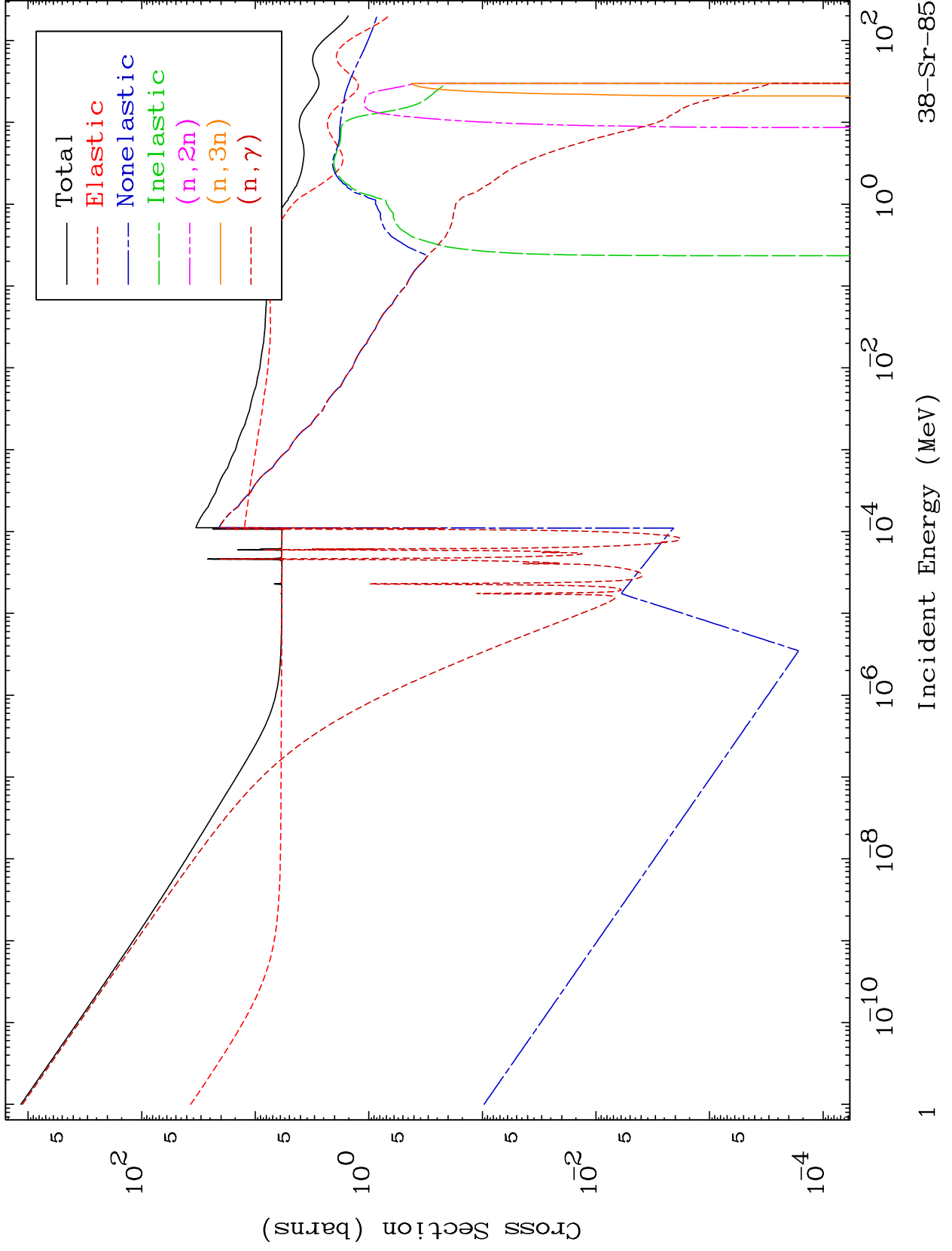
Web:redcullen1.net/HOMEPAGE.NEW

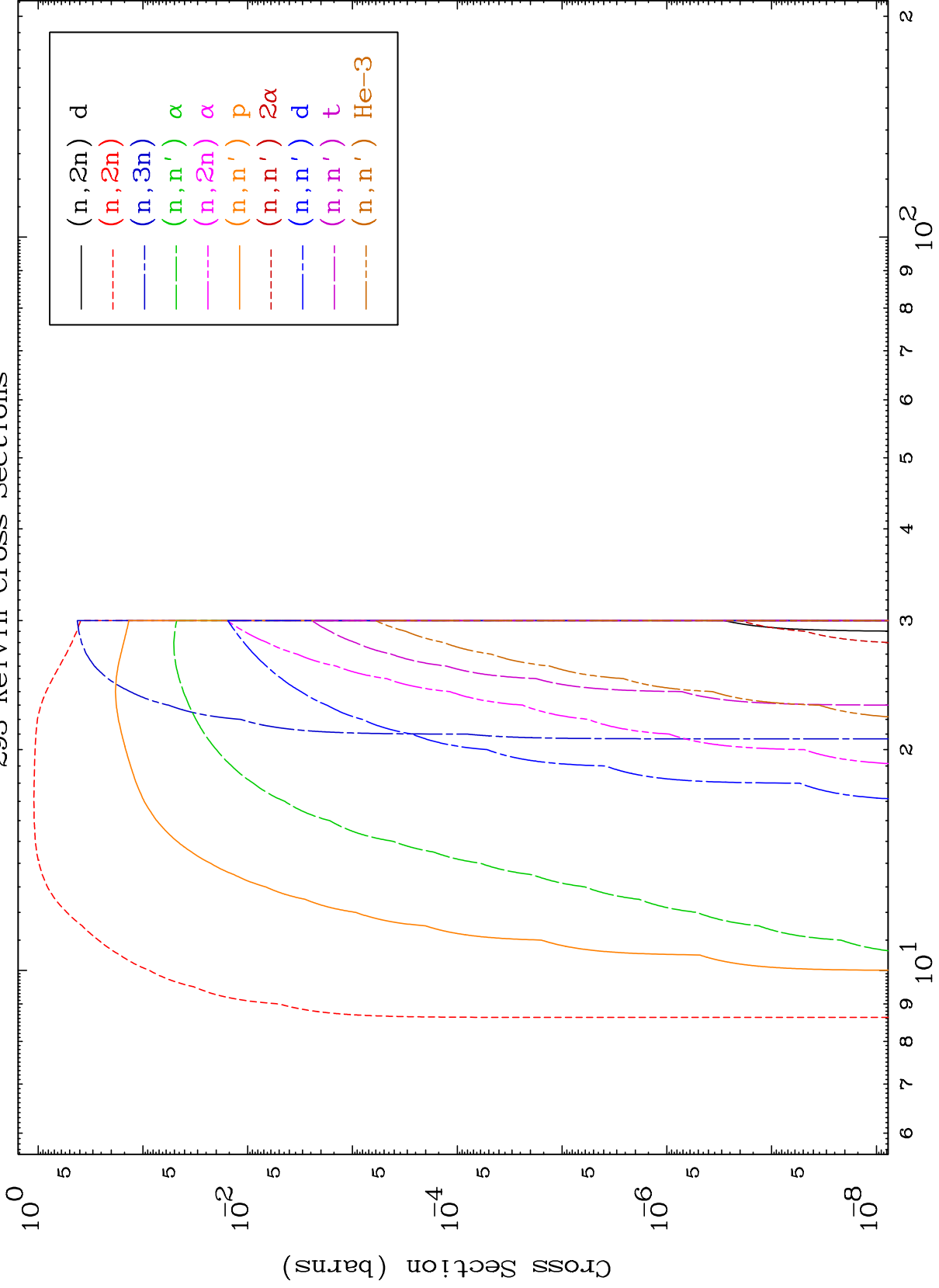
Press Mouse Button to Start

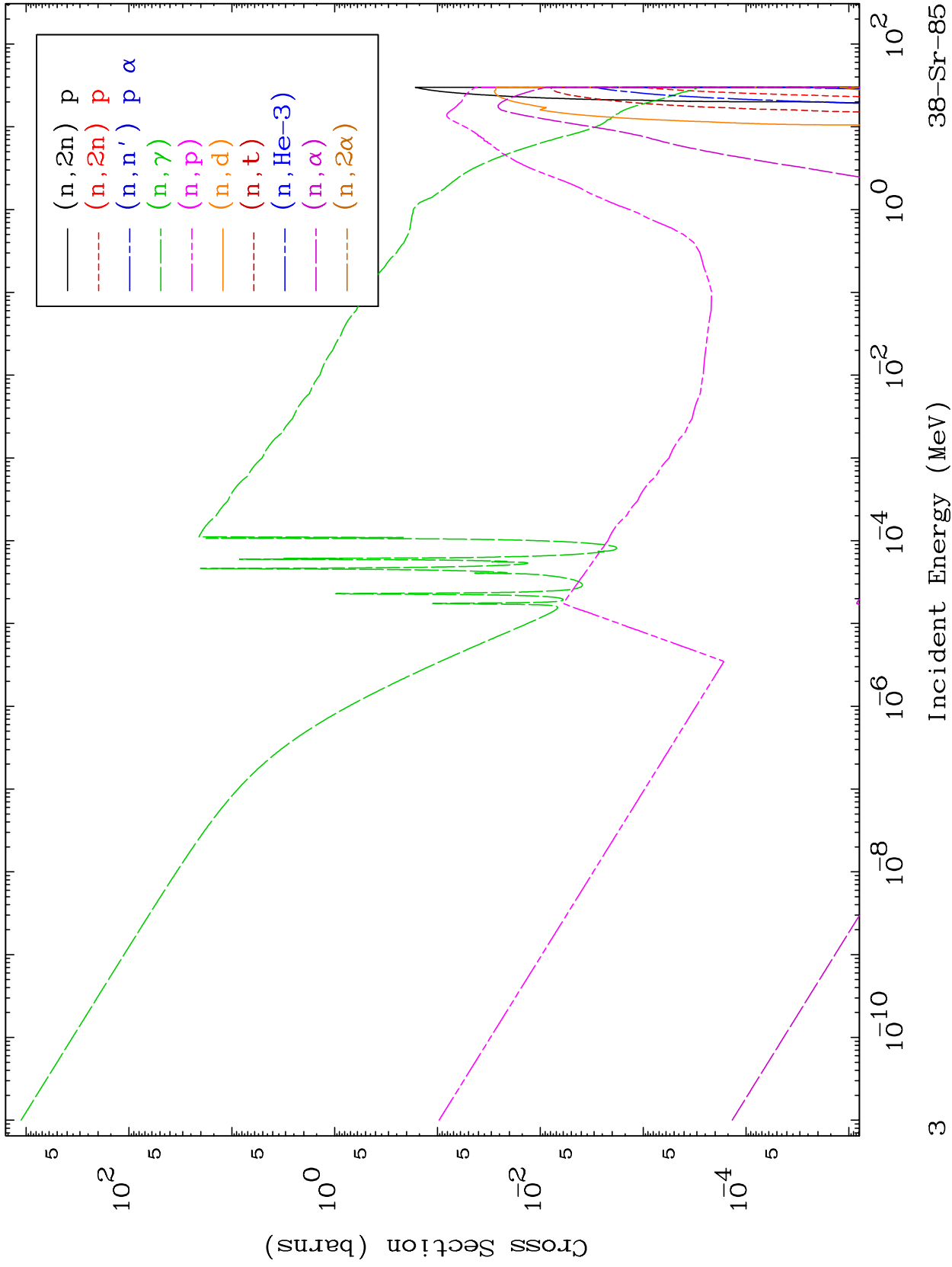
MAT 3828

Neutron Major
293 Kelvin Cross Sections

38-Sr-85



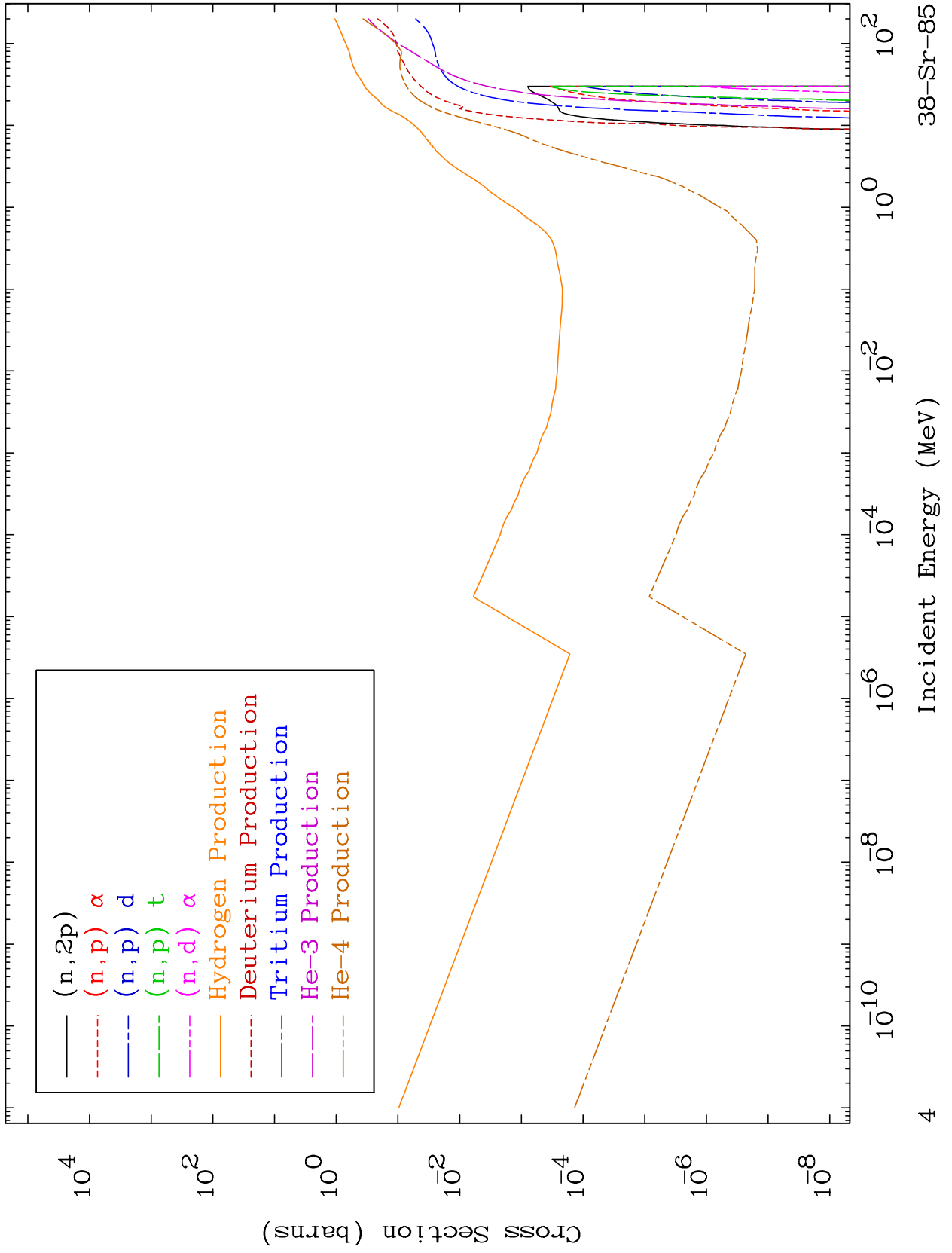




MAT 3828

Neutron Absorption
293 Kelvin Cross Sections

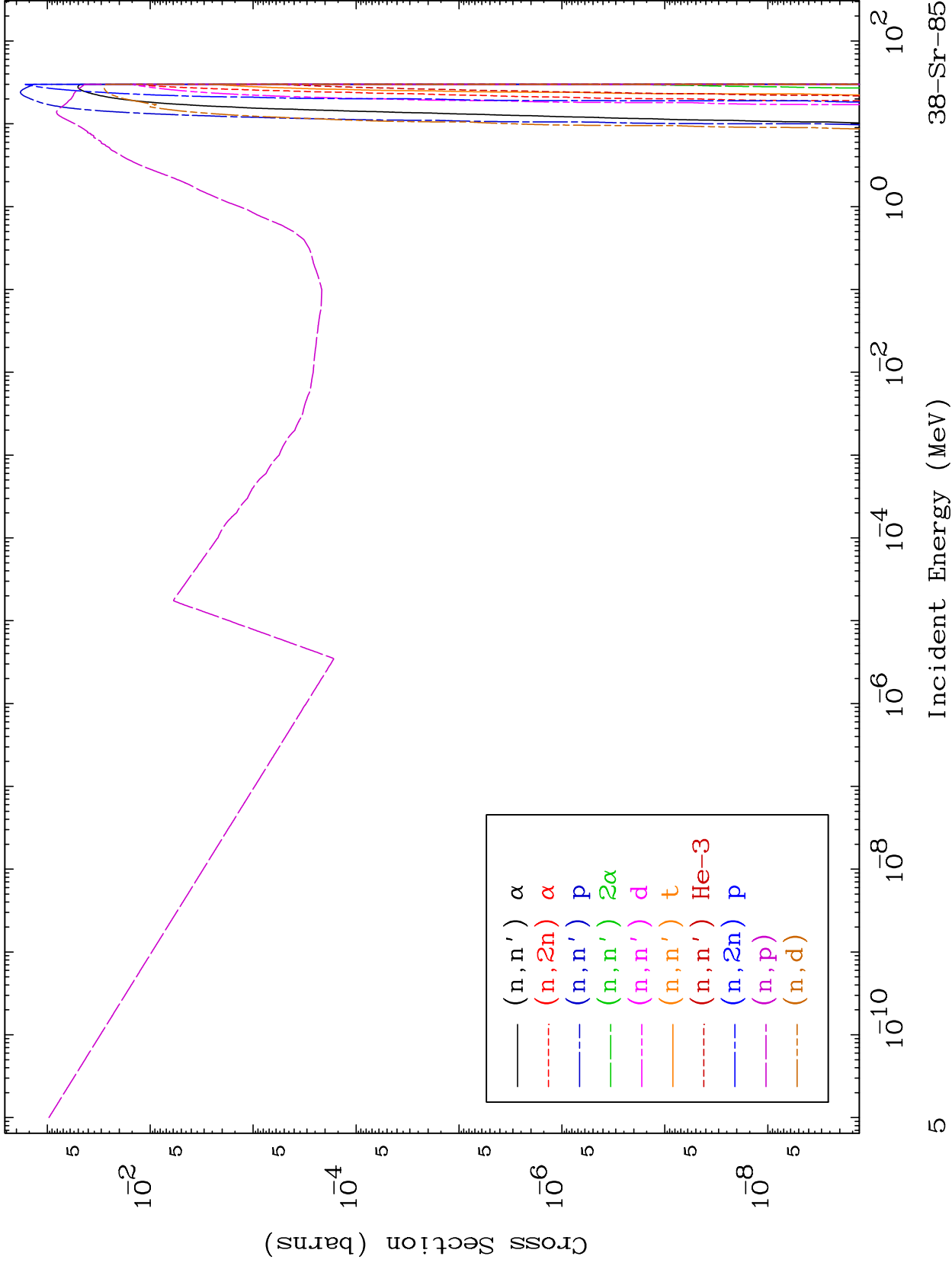
38-Sr-85



MAT 3828

Charged Particle
293 Kelvin Cross Sections

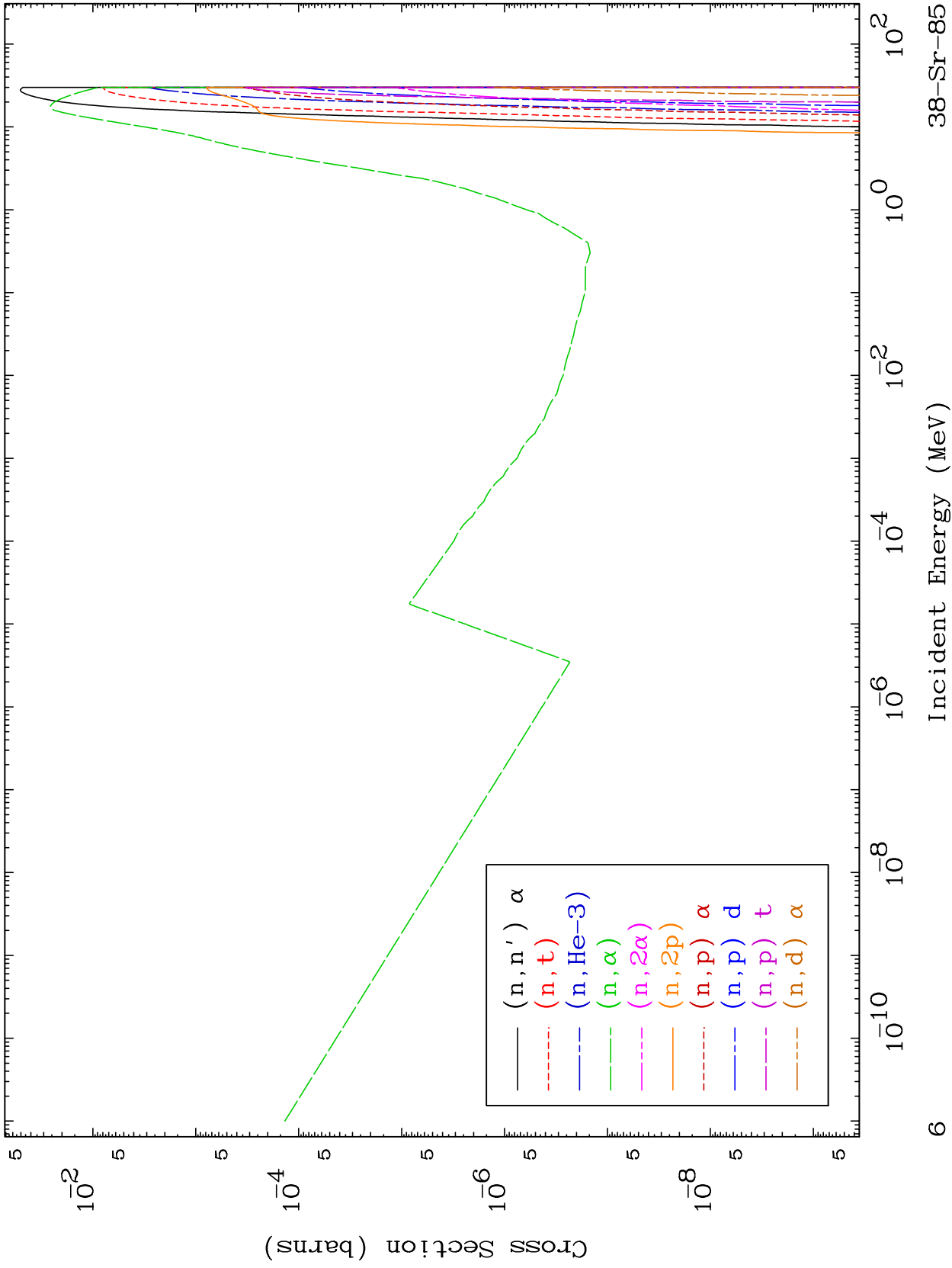
38-Sr-85



MAT 3828

Charged Particle
293 Kelvin Cross Sections

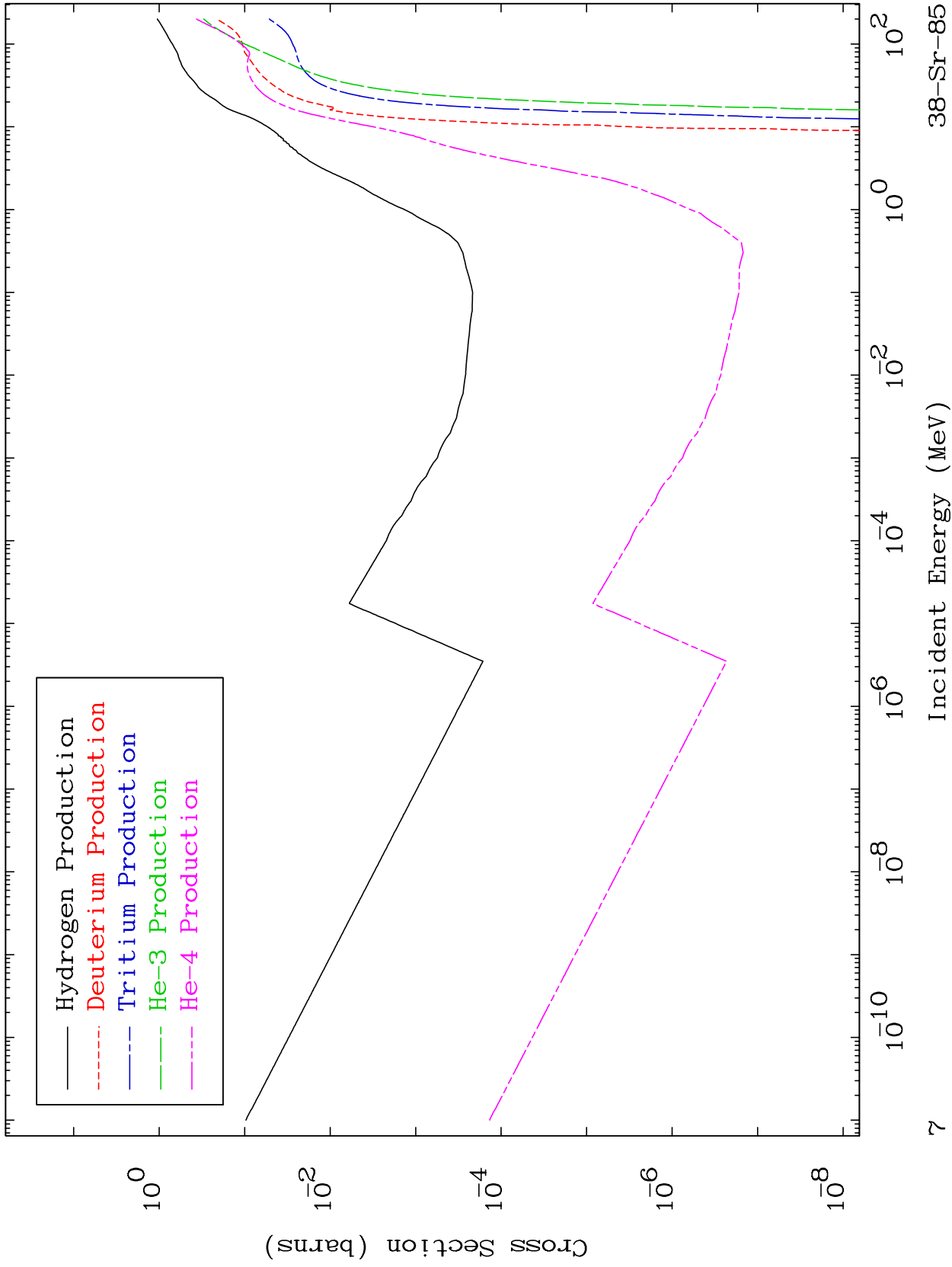
38-Sr-85



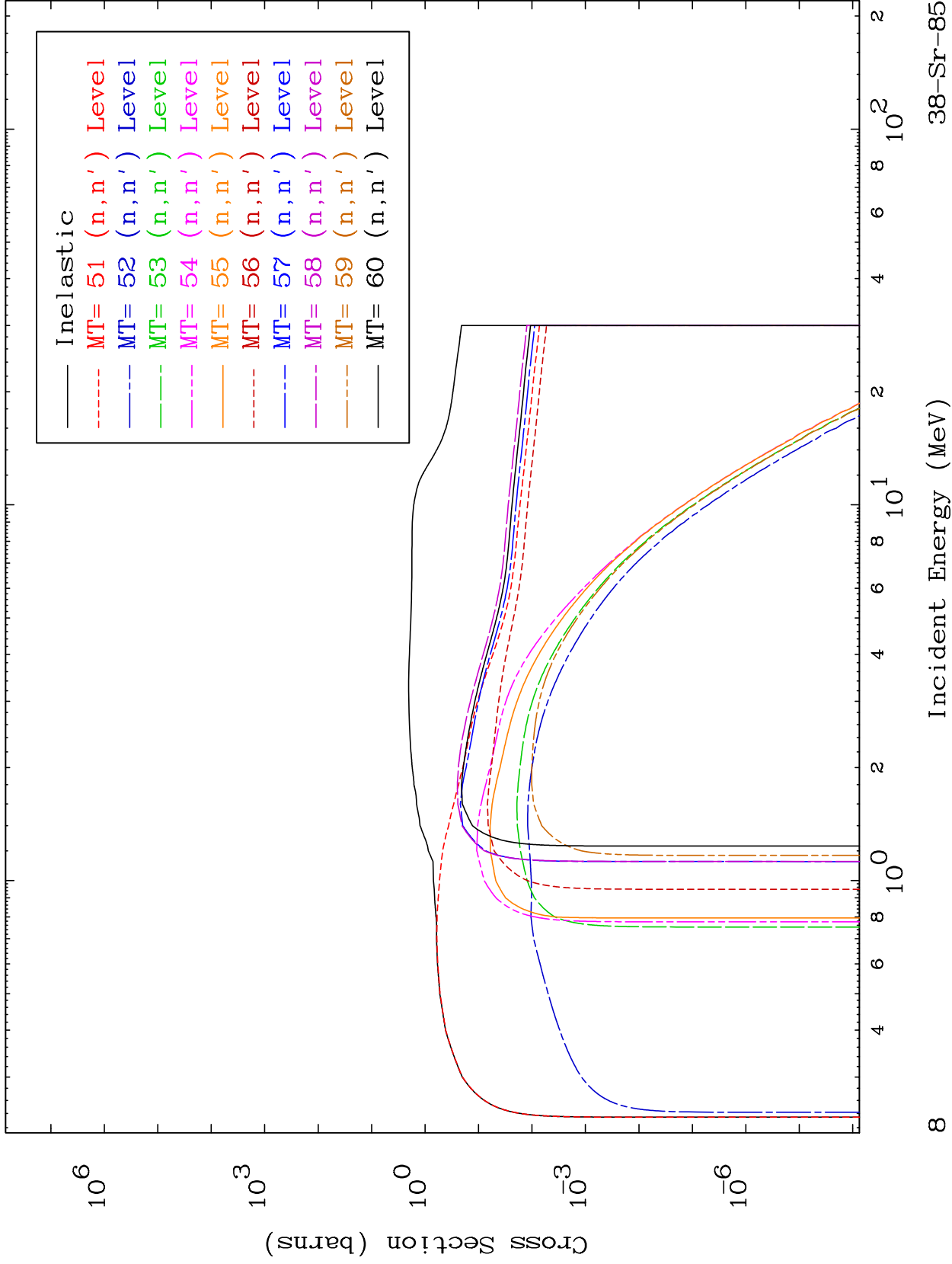
MAT 3828

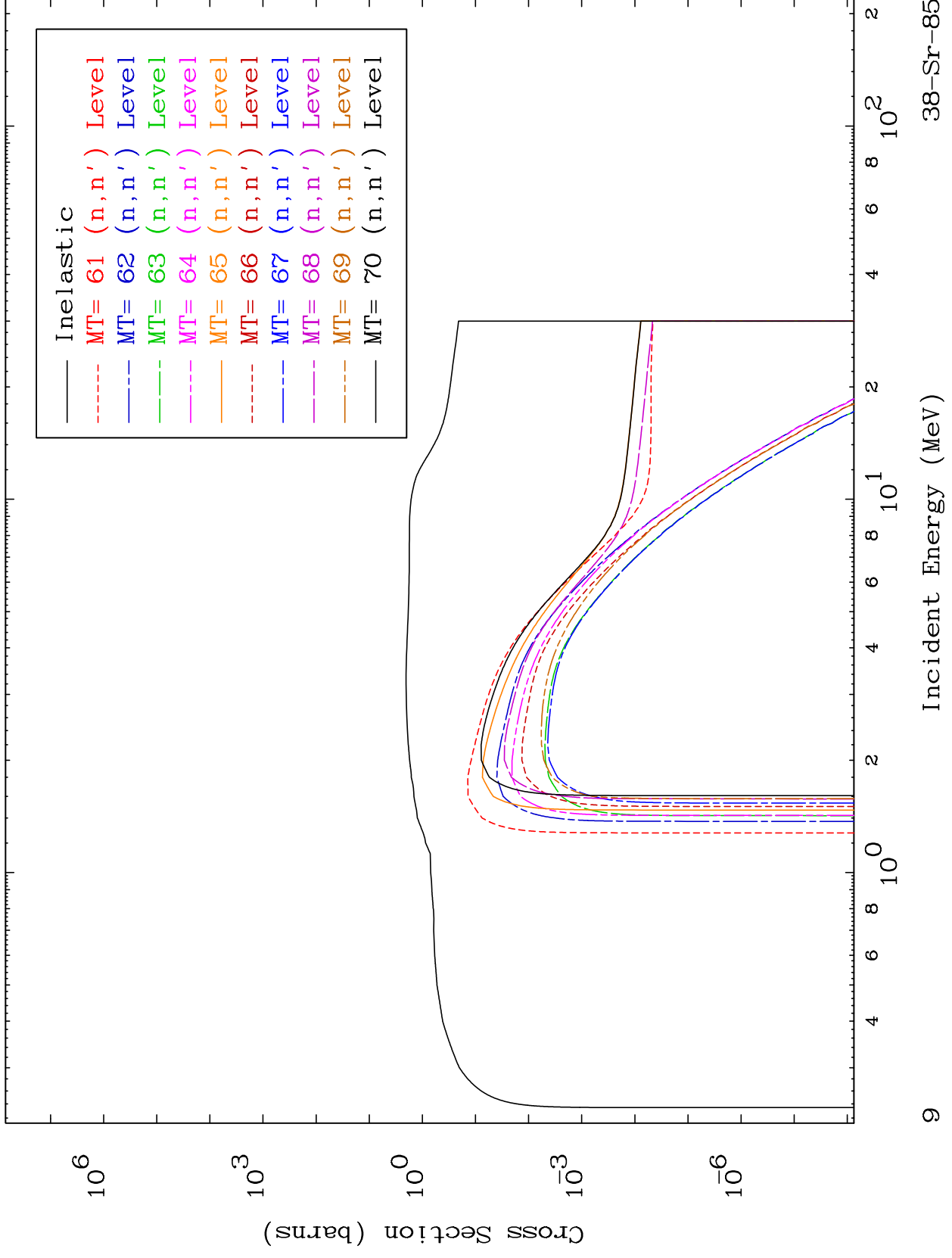
Particle Production
293 Kelvin Cross Sections

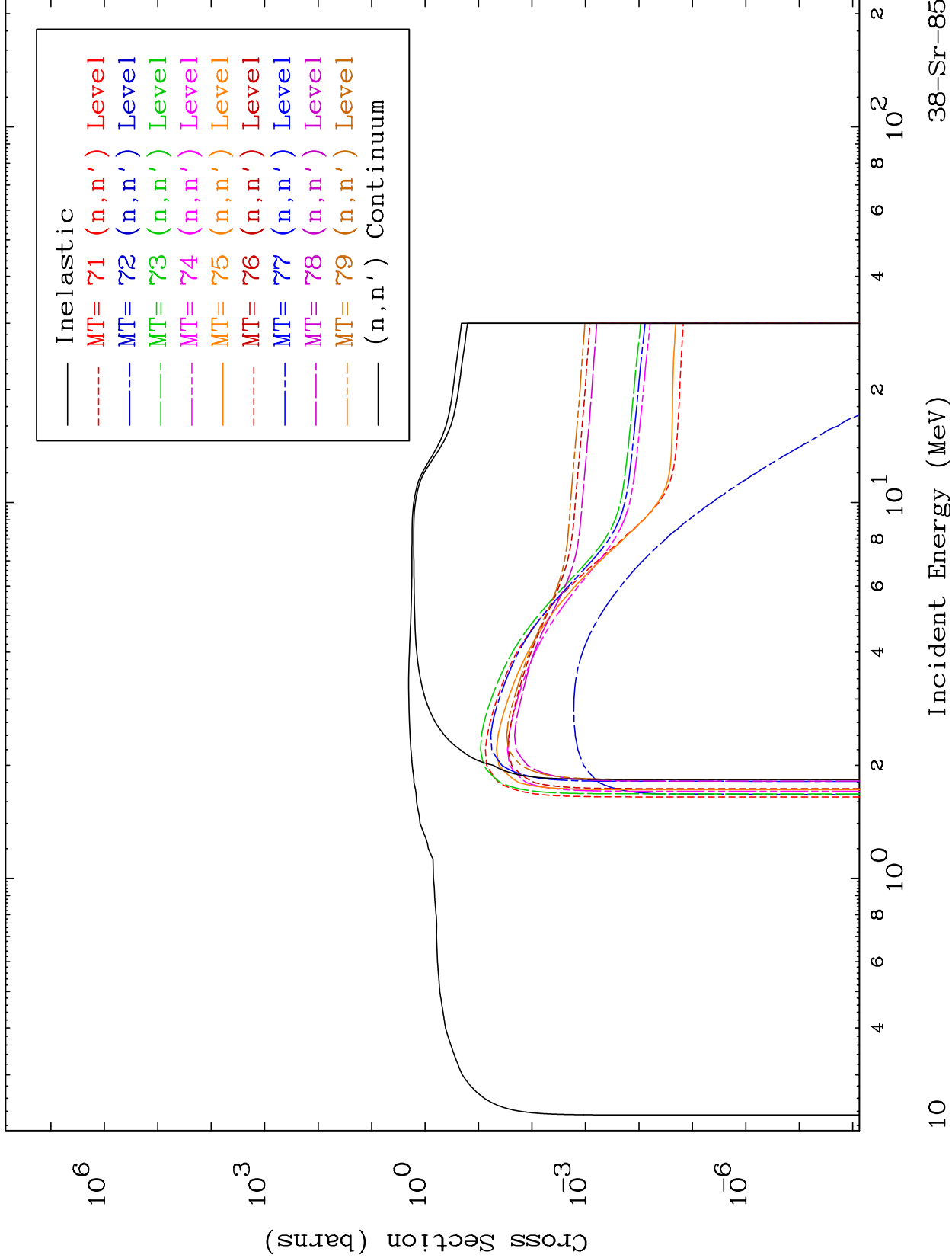
38-Sr-85

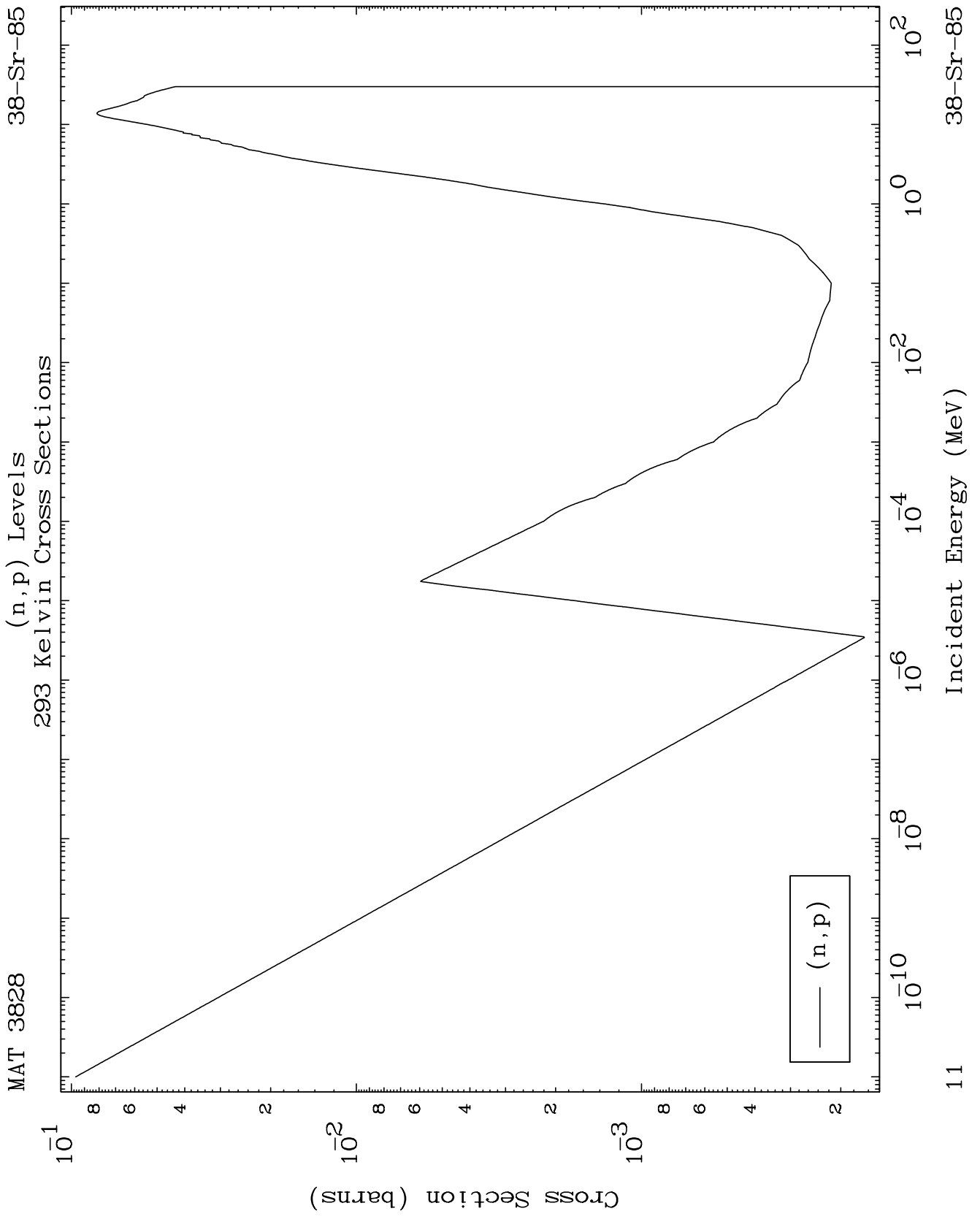


293 Kelvin Cross Sections





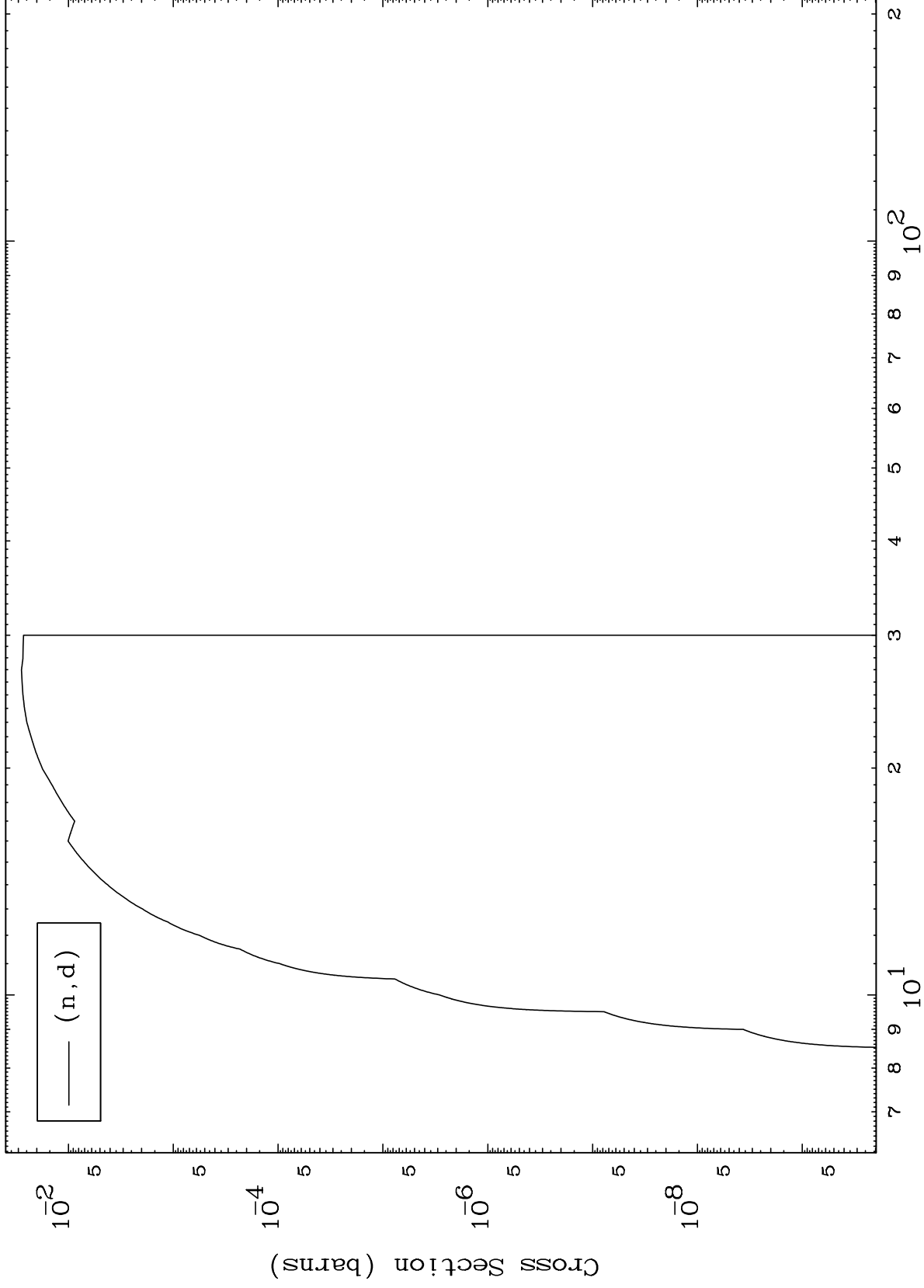




MAT 3828

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-85



12

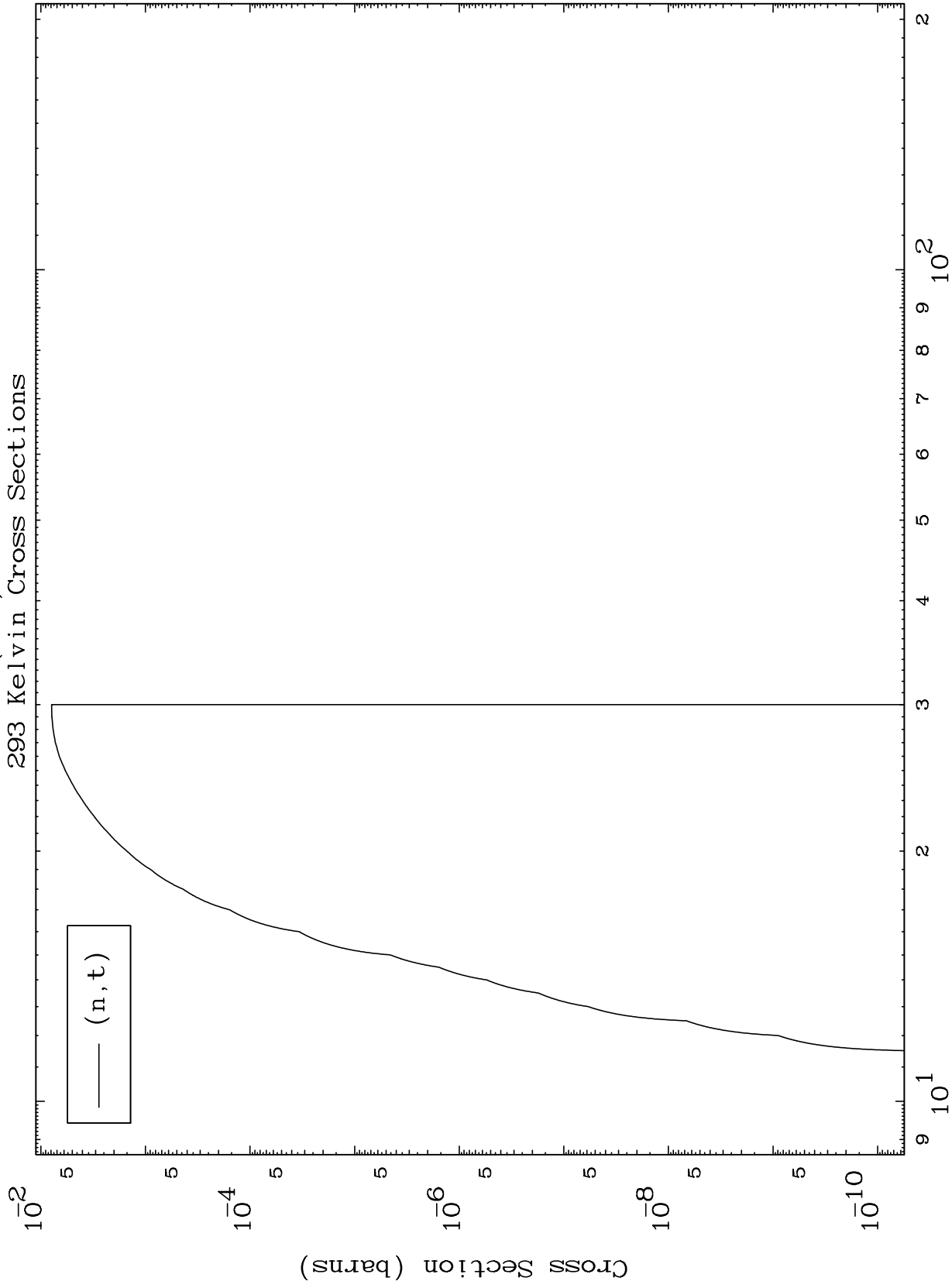
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

(n,t) Levels
293 Kelvin Cross Sections



38-Sr-85

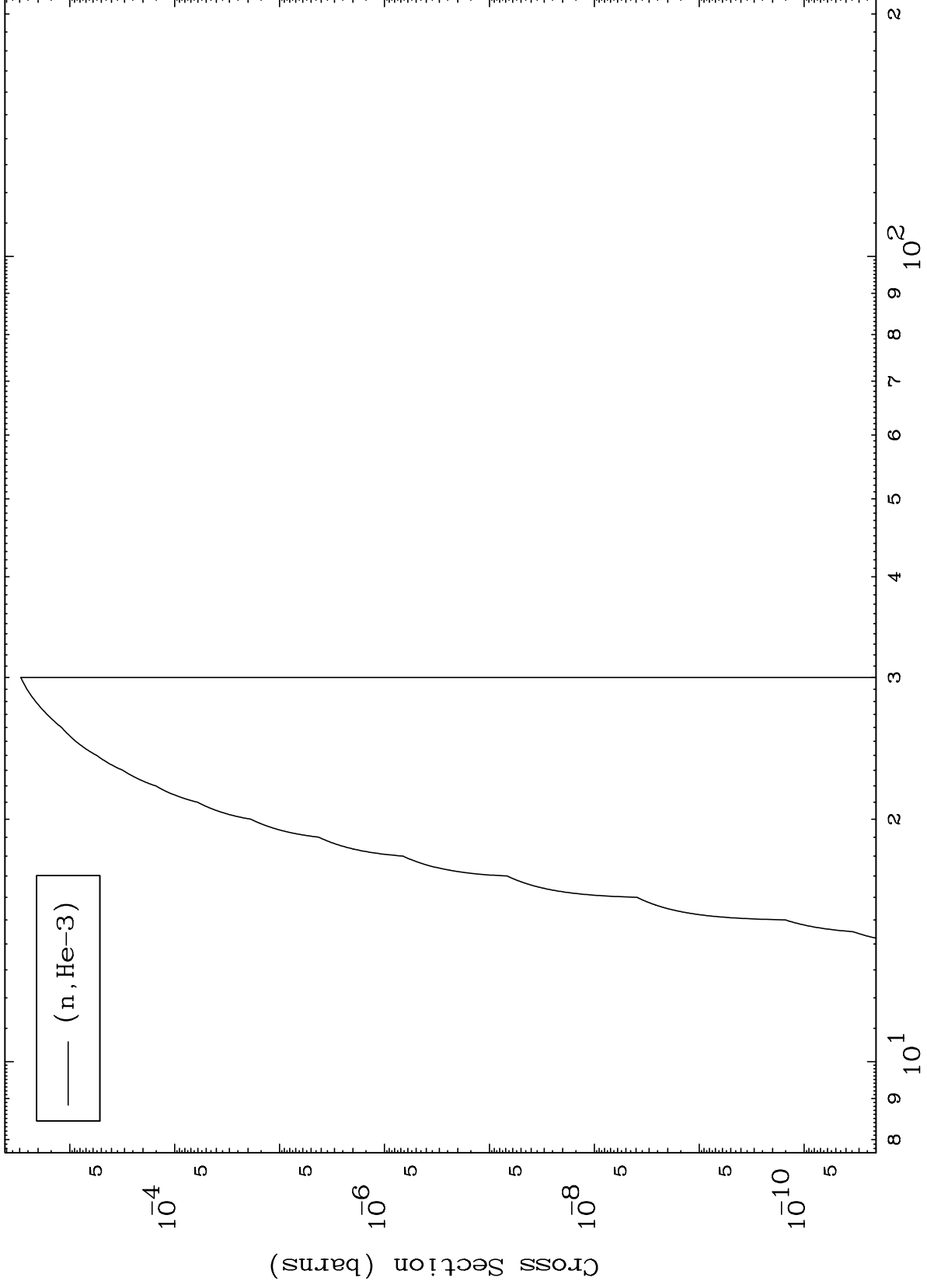
Incident Energy (MeV)

13

MAT 3828

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-85



14

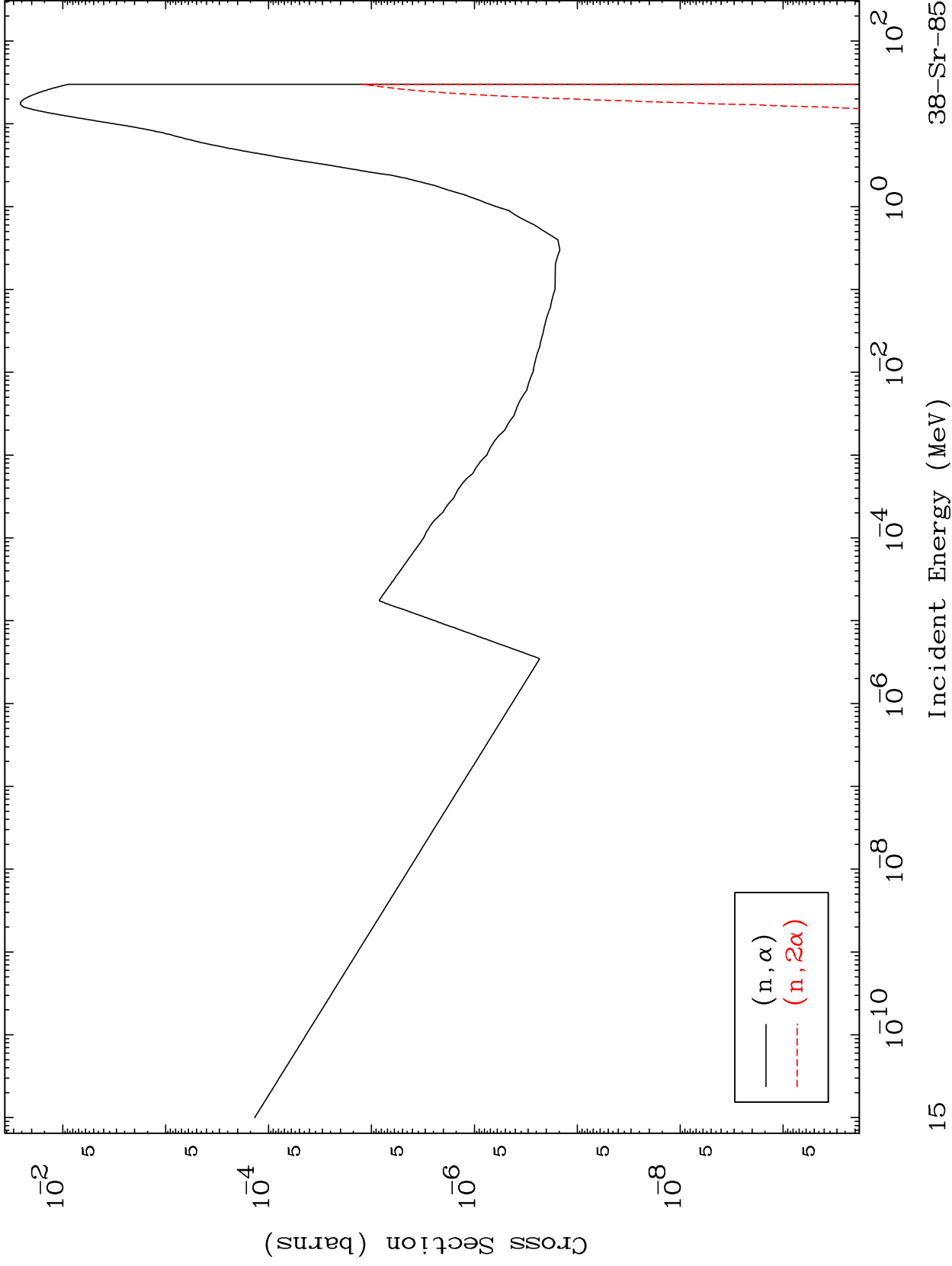
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-85

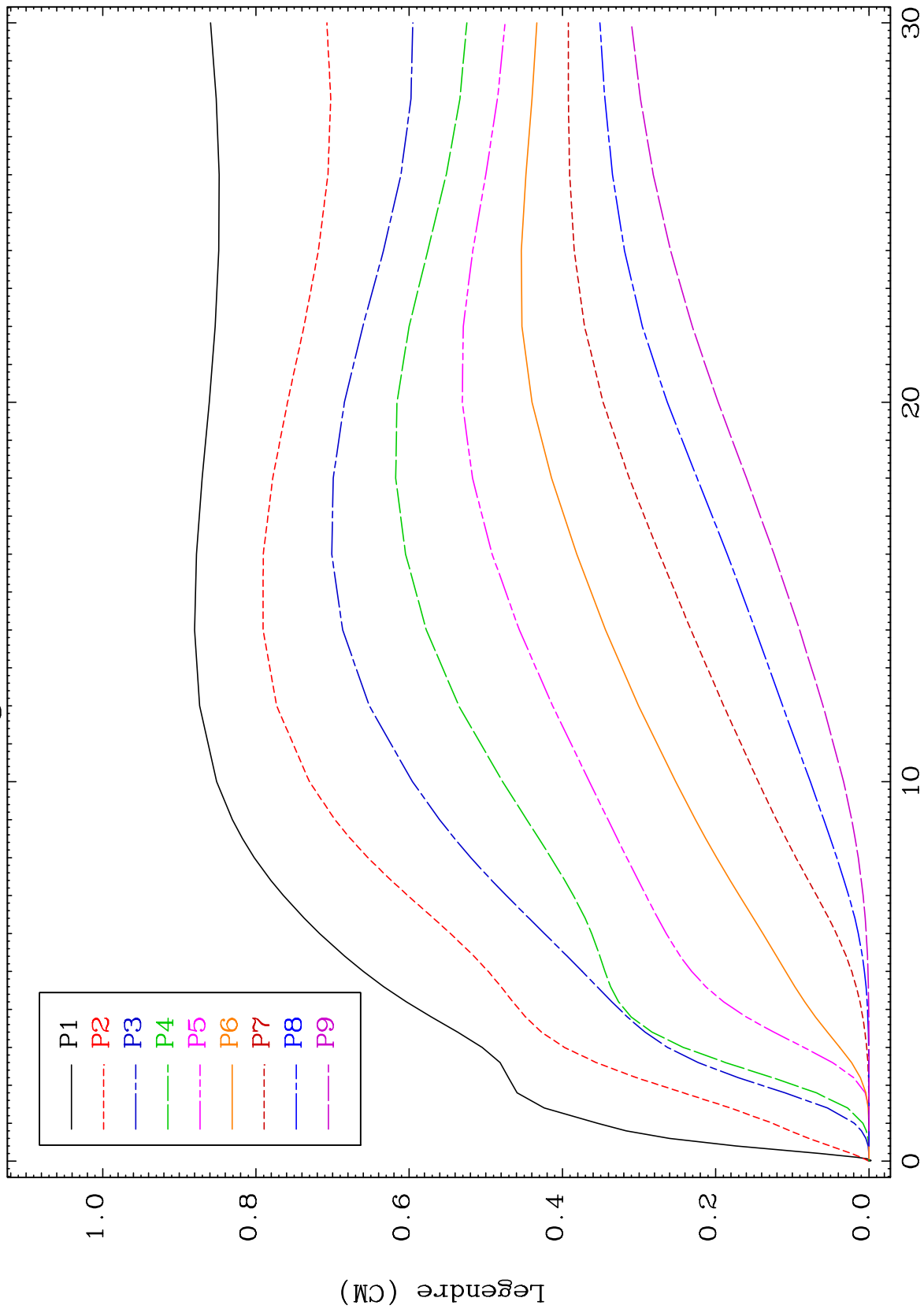


15

MAT 3828

Elastic Legendre Coefficients

38-Sr-85



16

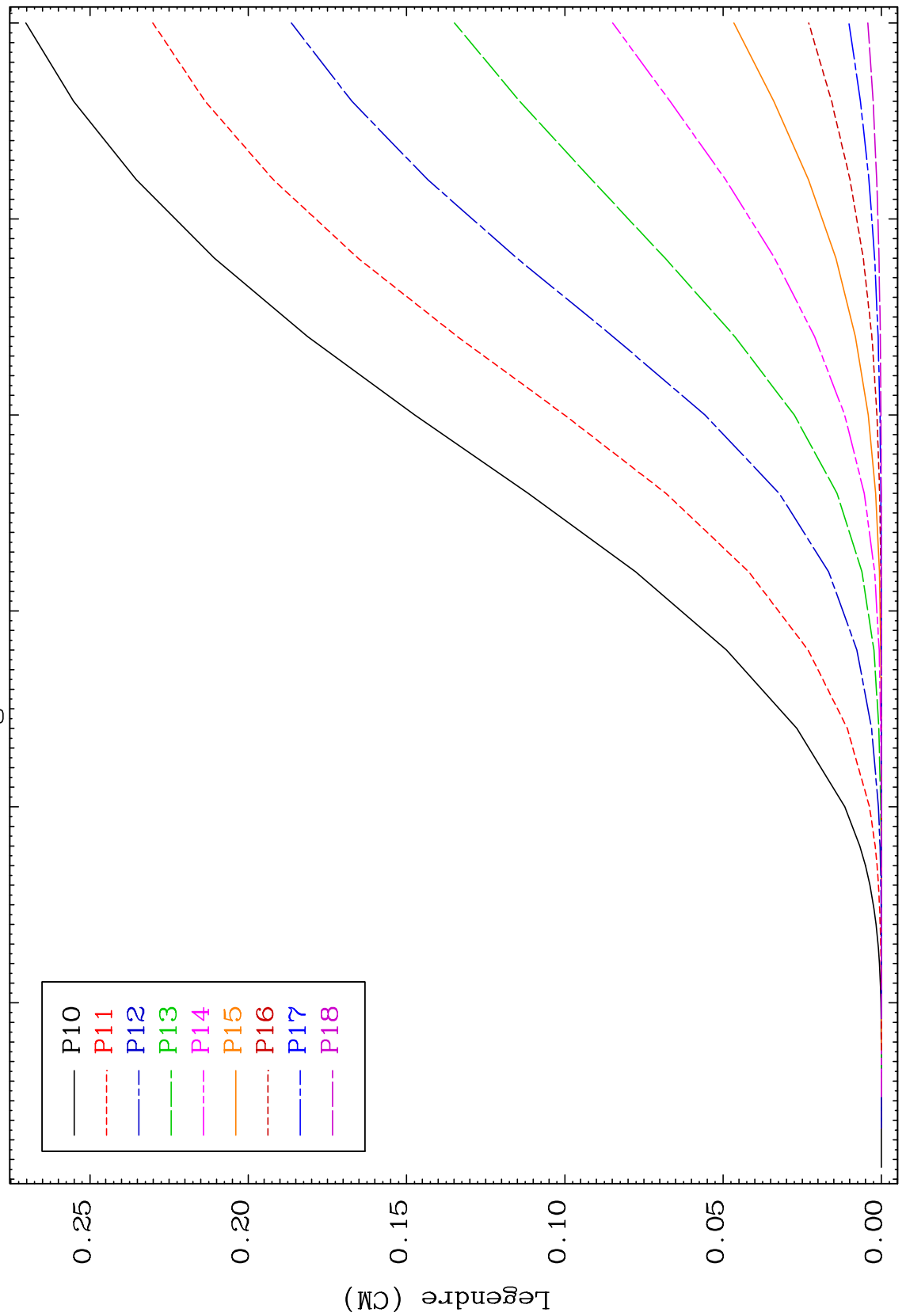
Incident Energy (MeV)

38-Sr-85

MAT 3828

Elastic Legendre Coefficients

38-Sr-85



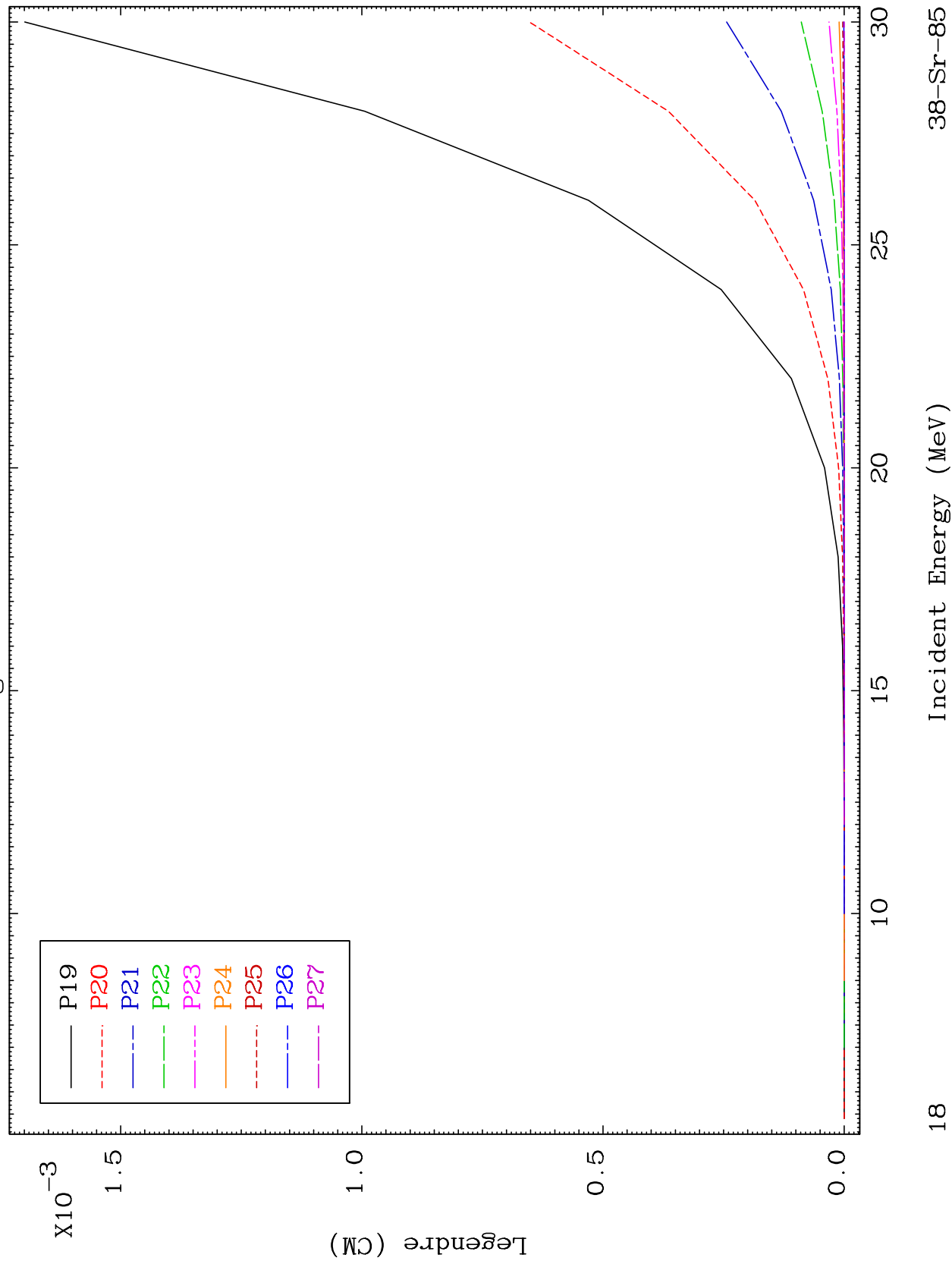
17

38-Sr-85

MAT 3828

Elastic Legendre Coefficients

38-Sr-85



18

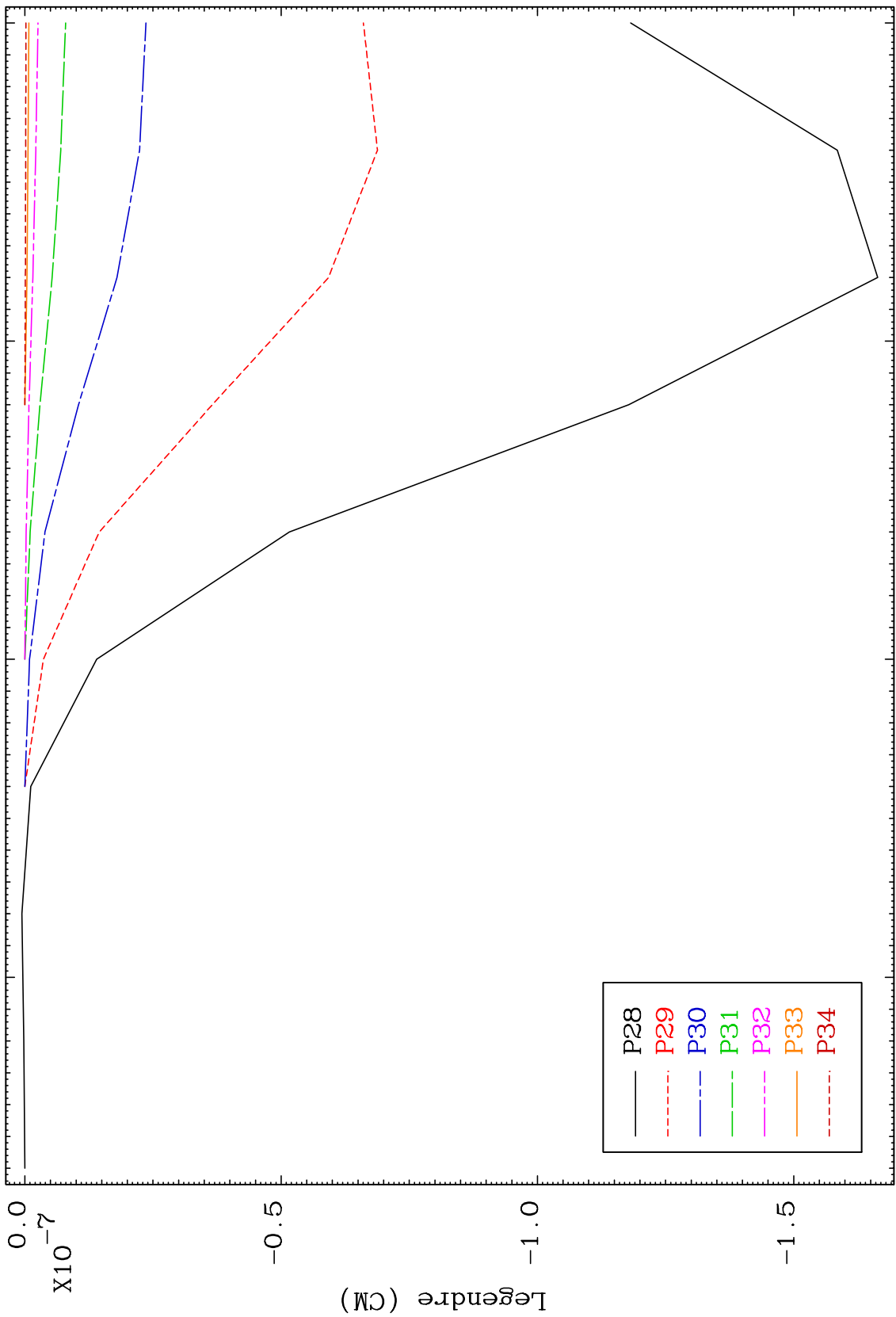
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

Elastic Legendre Coefficients



19

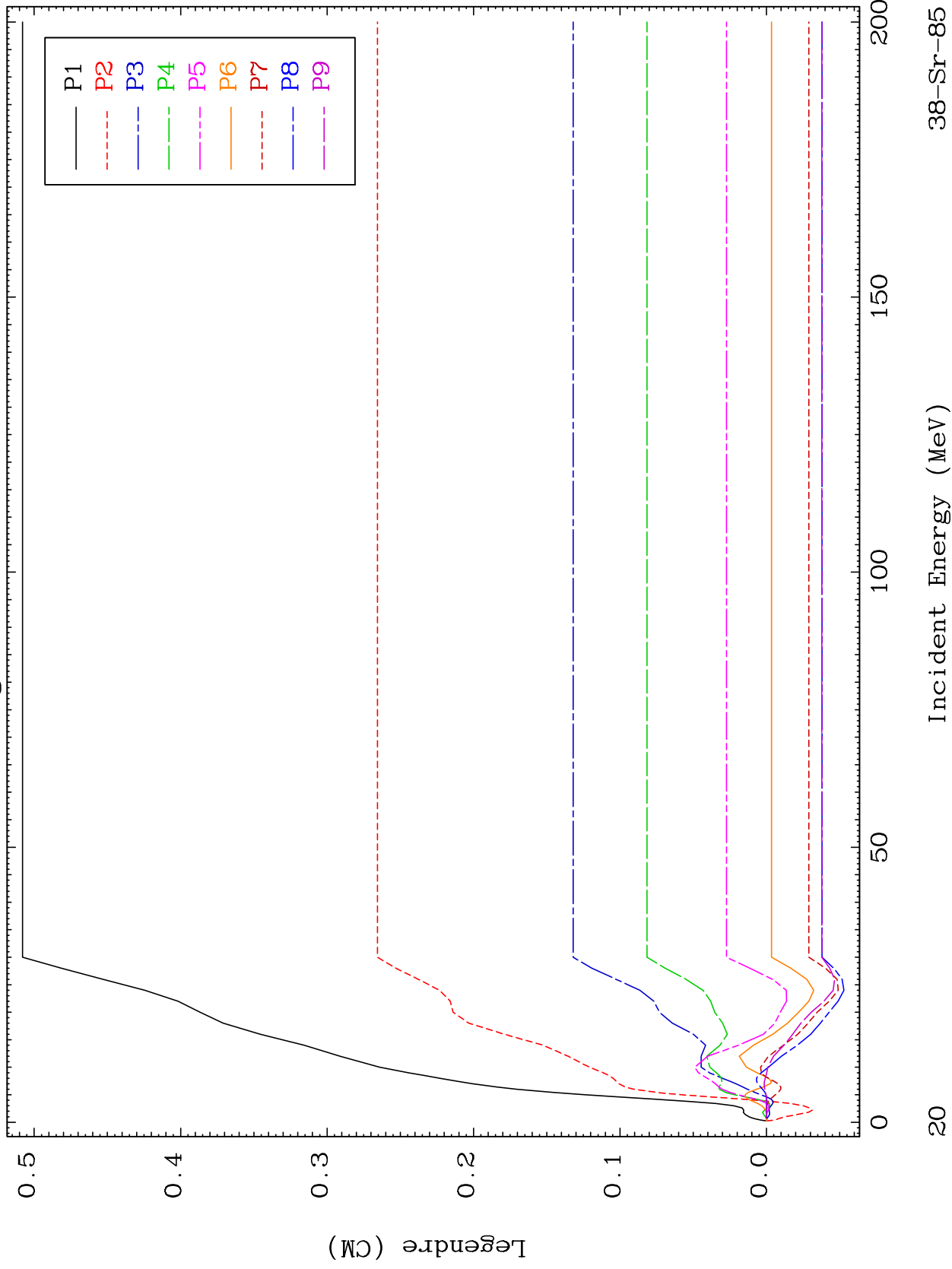
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

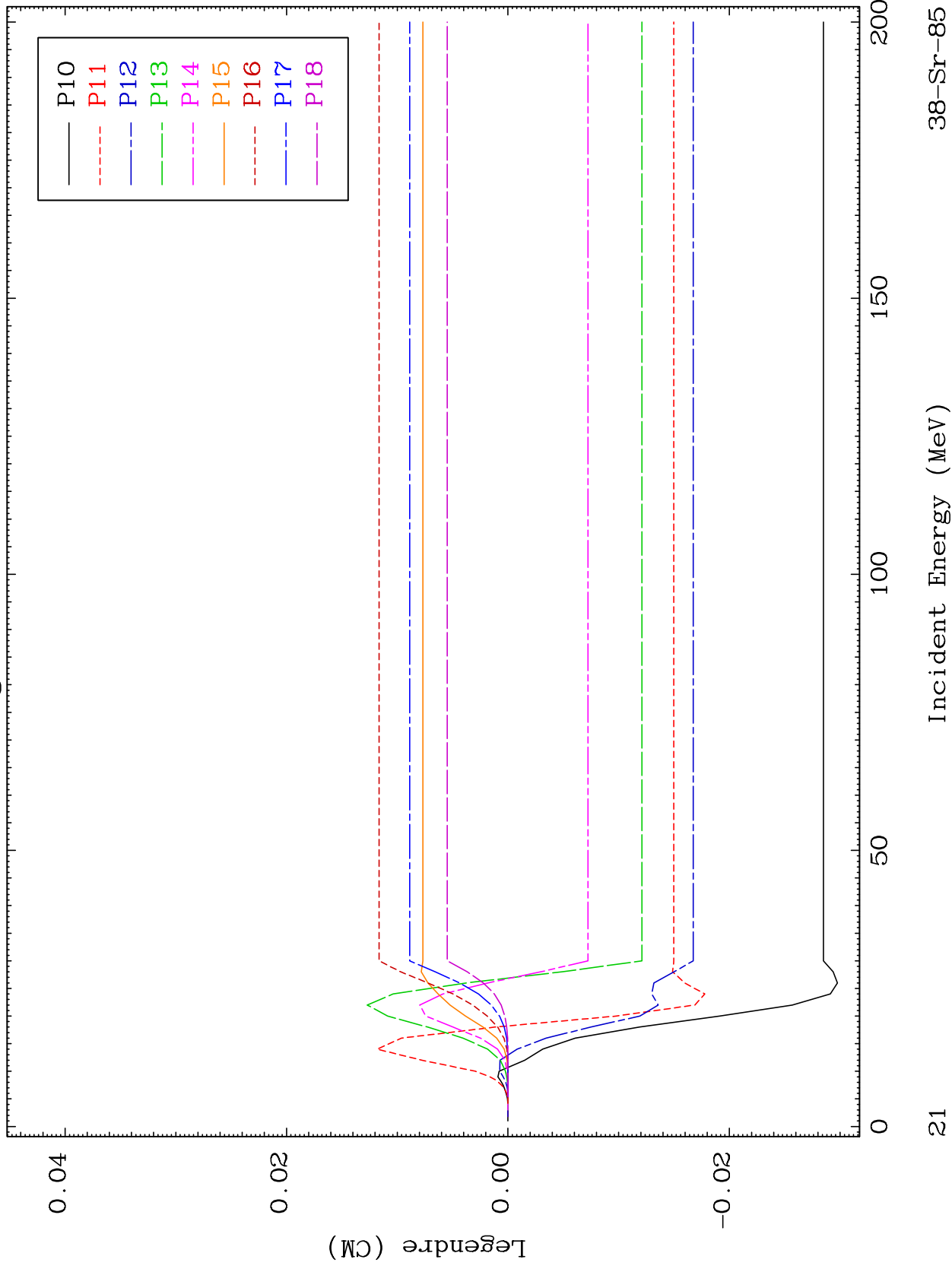
38-Sr-85



MAT 3828

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

38-Sr-85



21

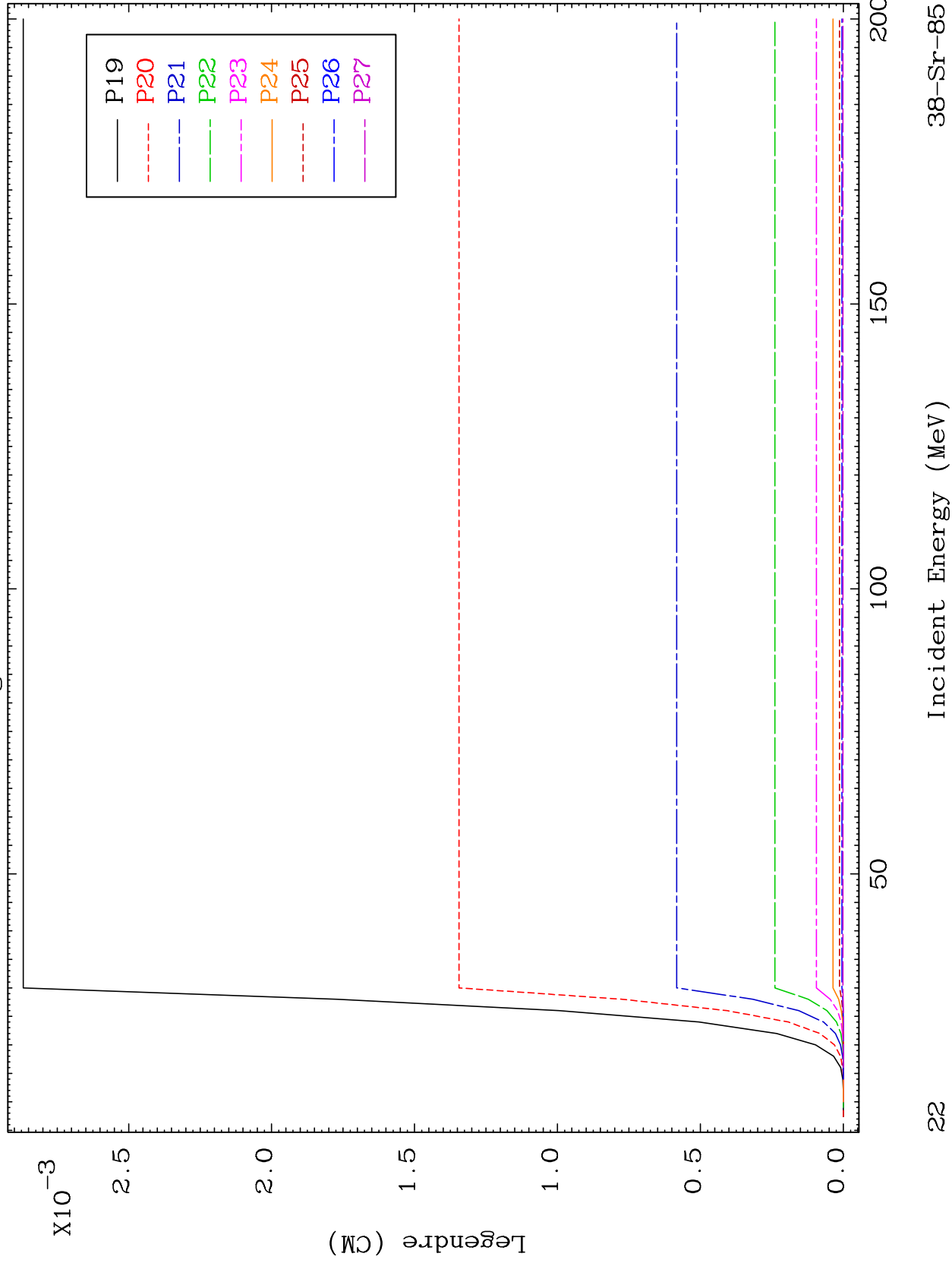
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



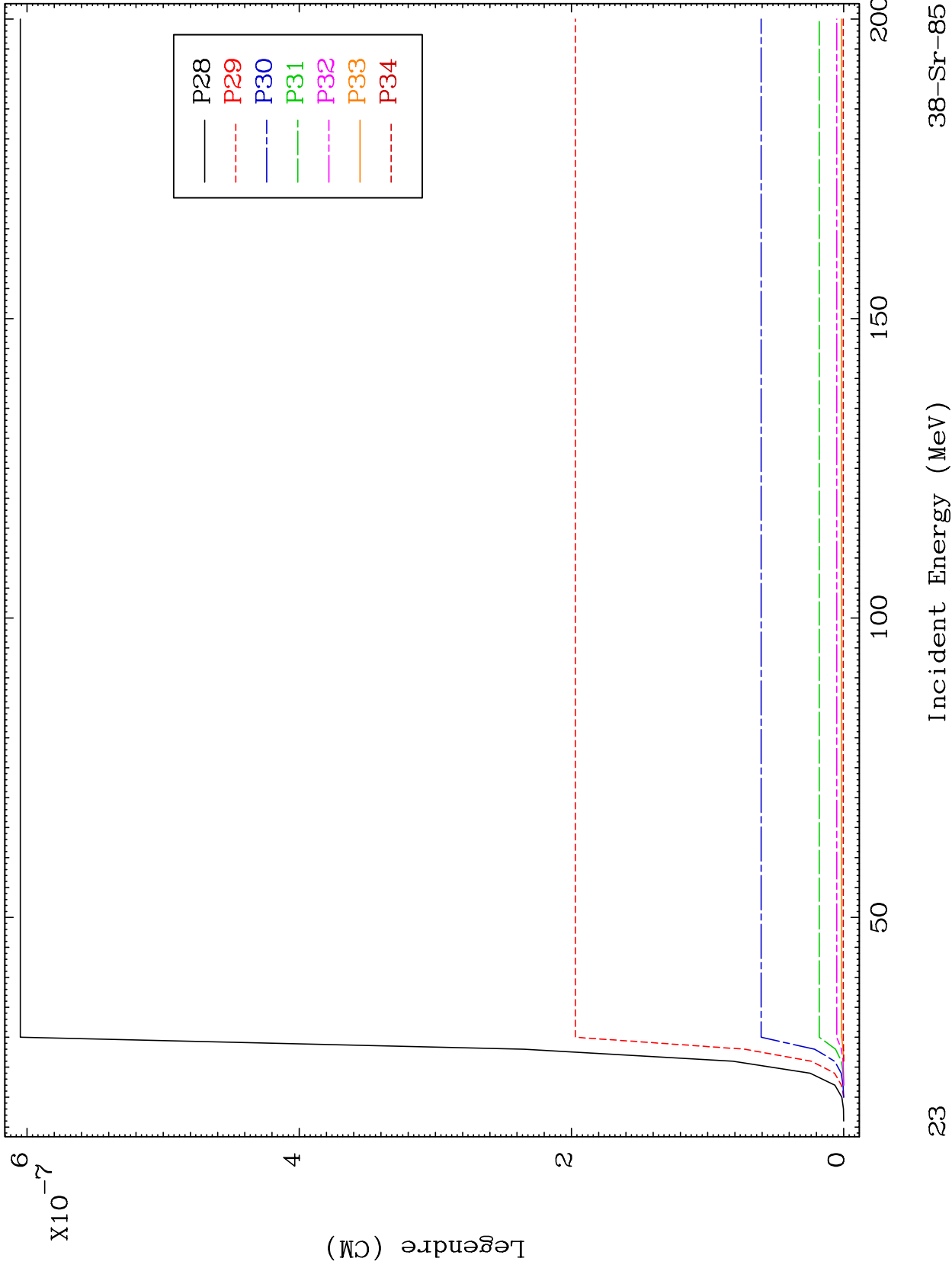
22

38-Sr-85

MAT 3828

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

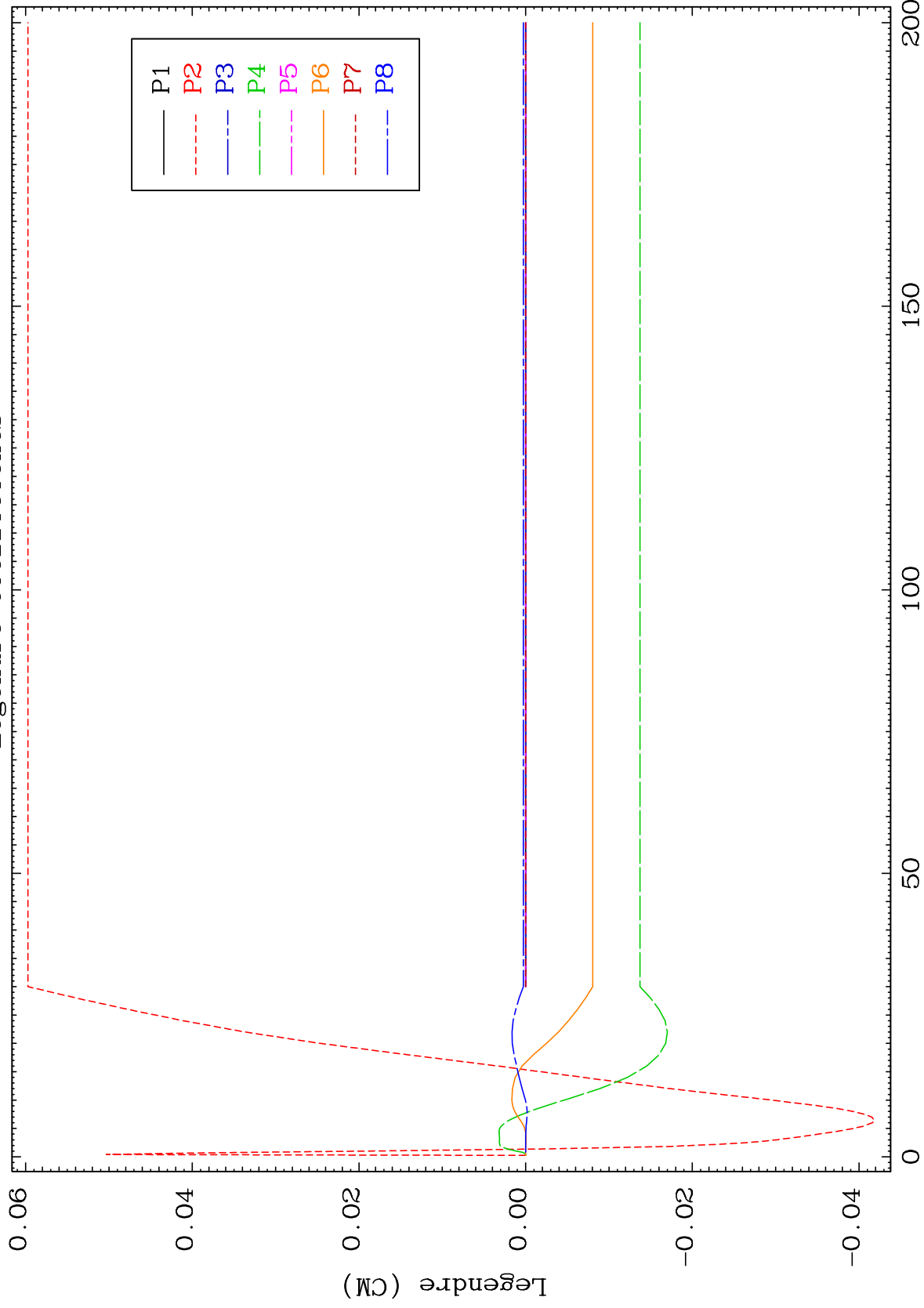
38-Sr-85



MAT 3828

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

38-Sr-85



24

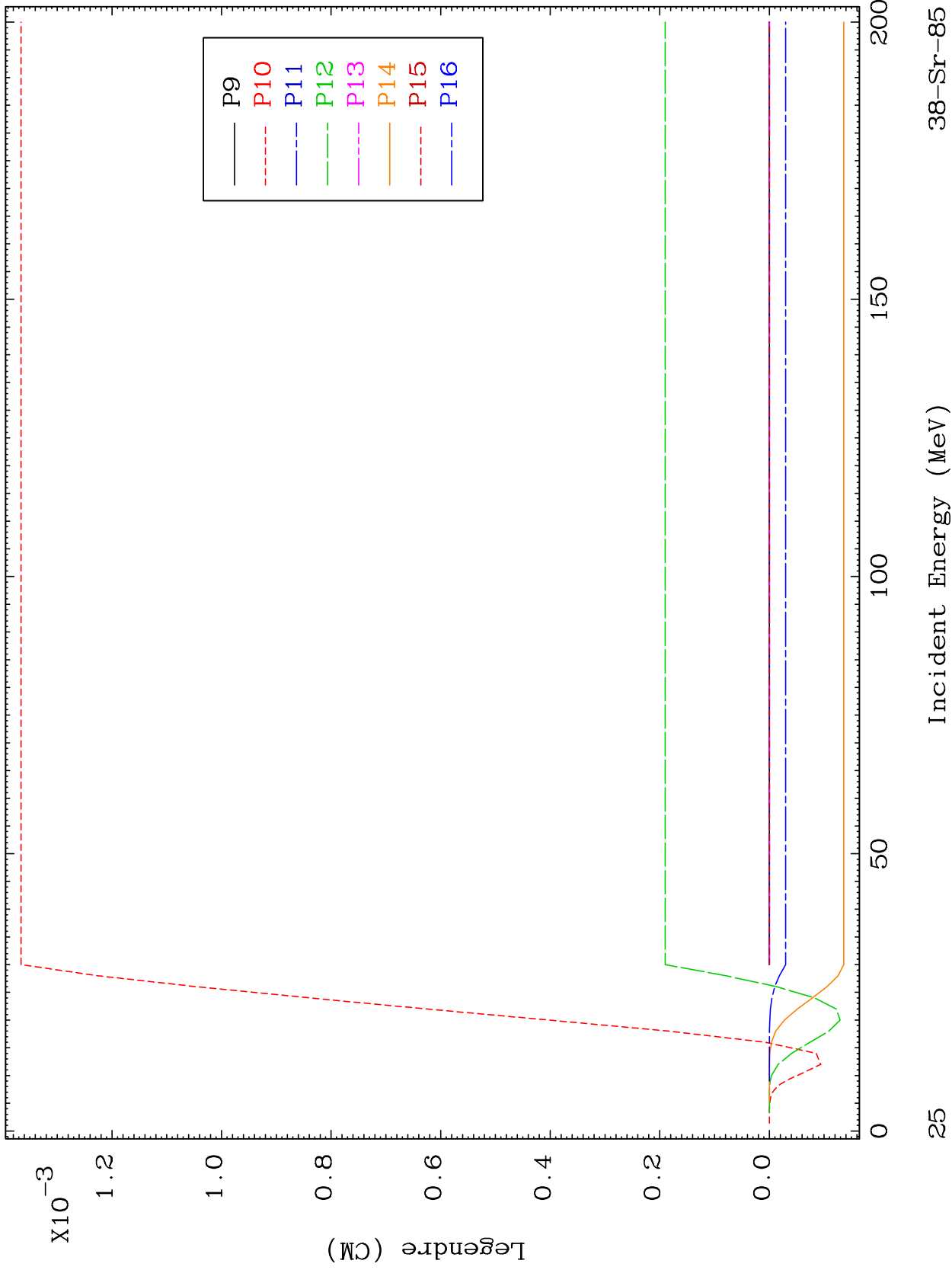
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85

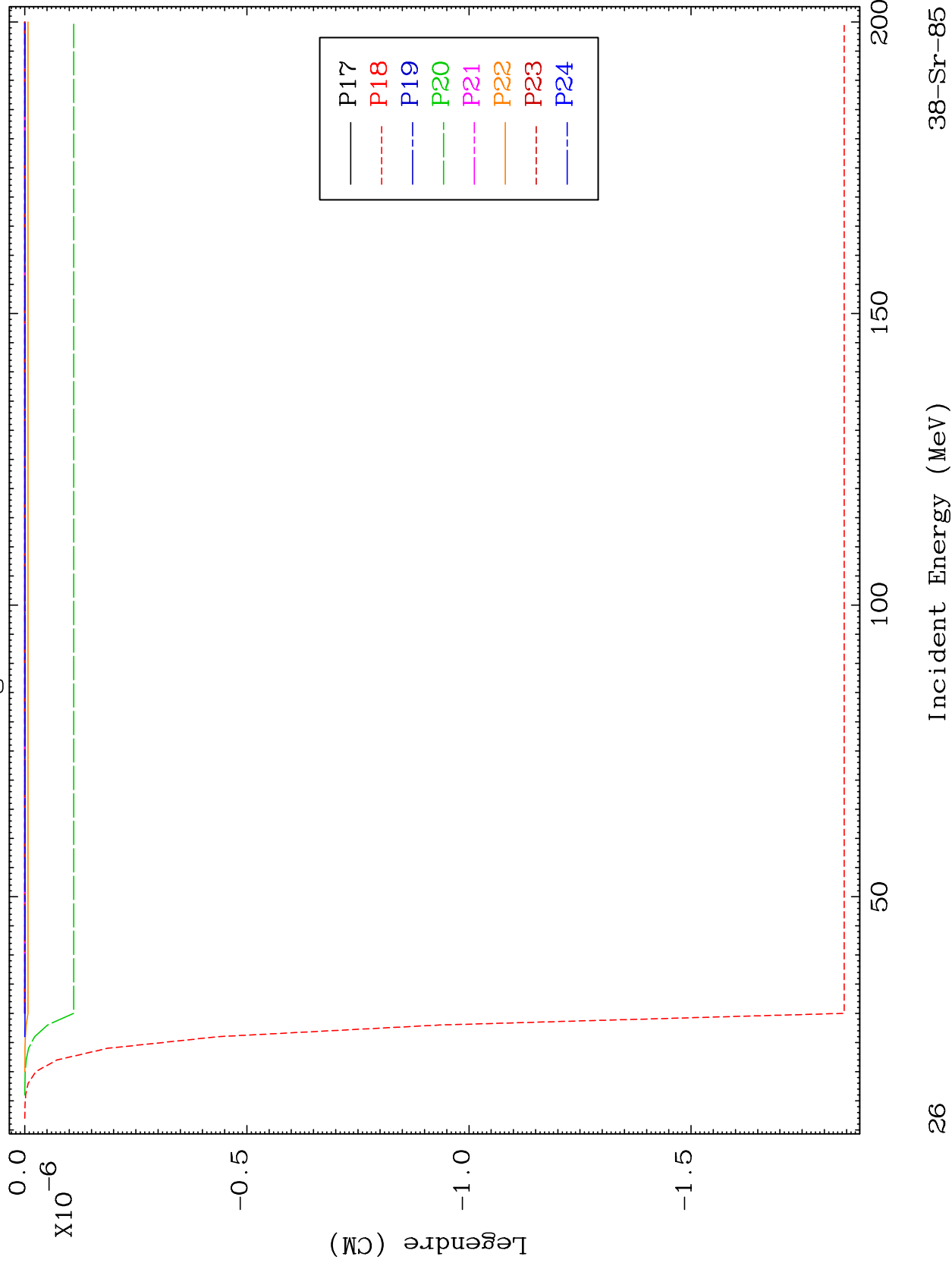


38-Sr-85

MAT 3828

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

38-Sr-85



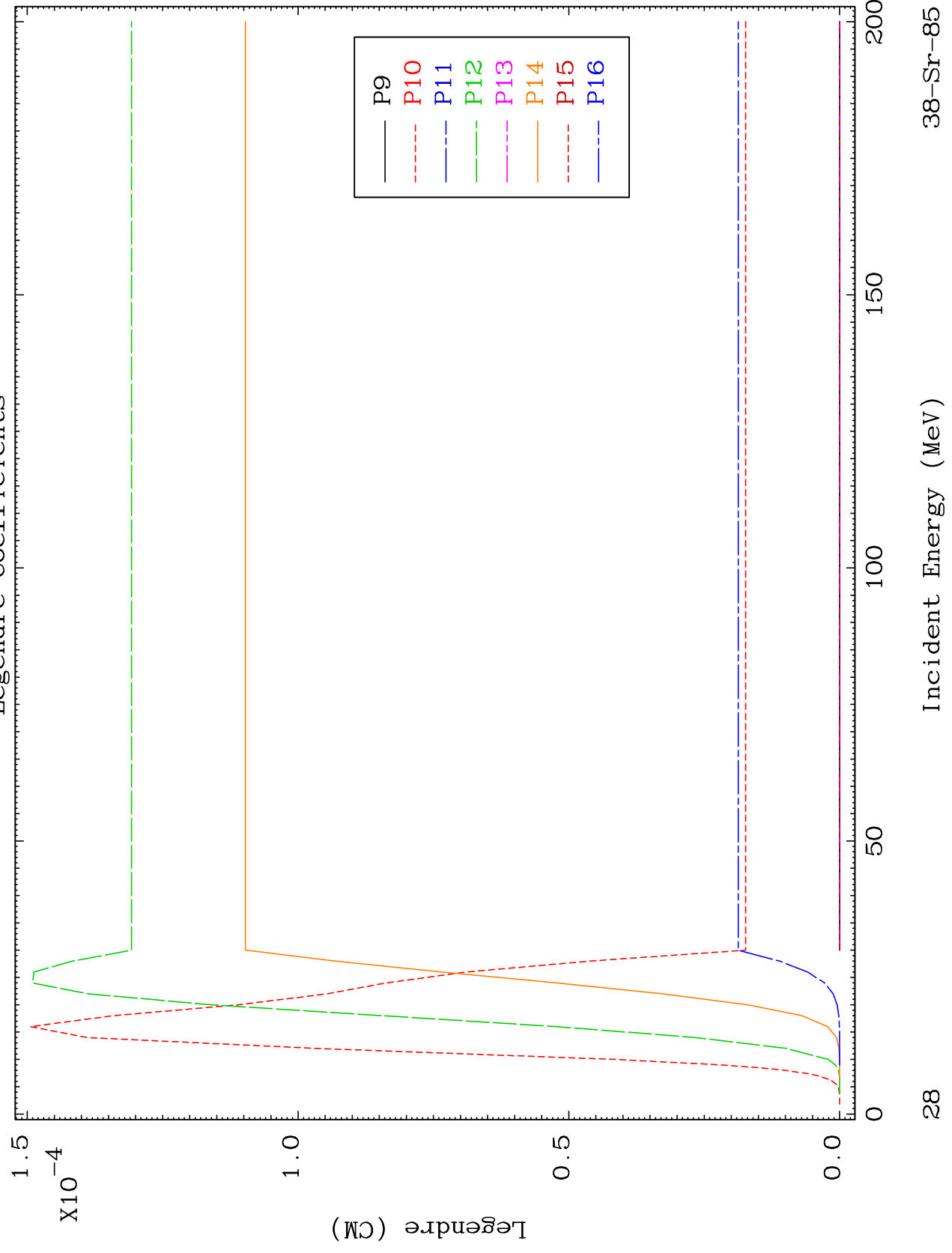
26

38-Sr-85

MAT 3828

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

38-Sr-85



28

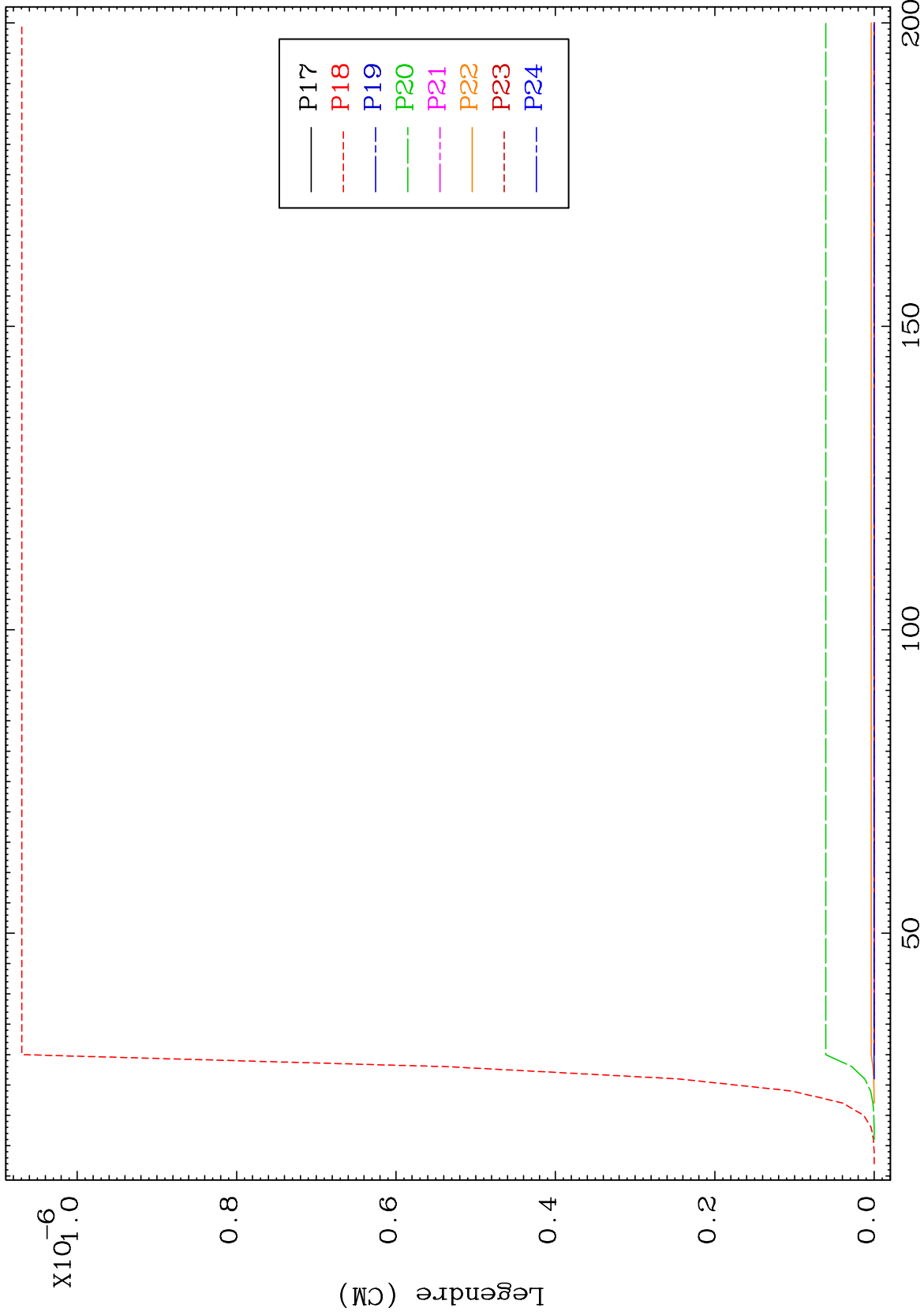
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

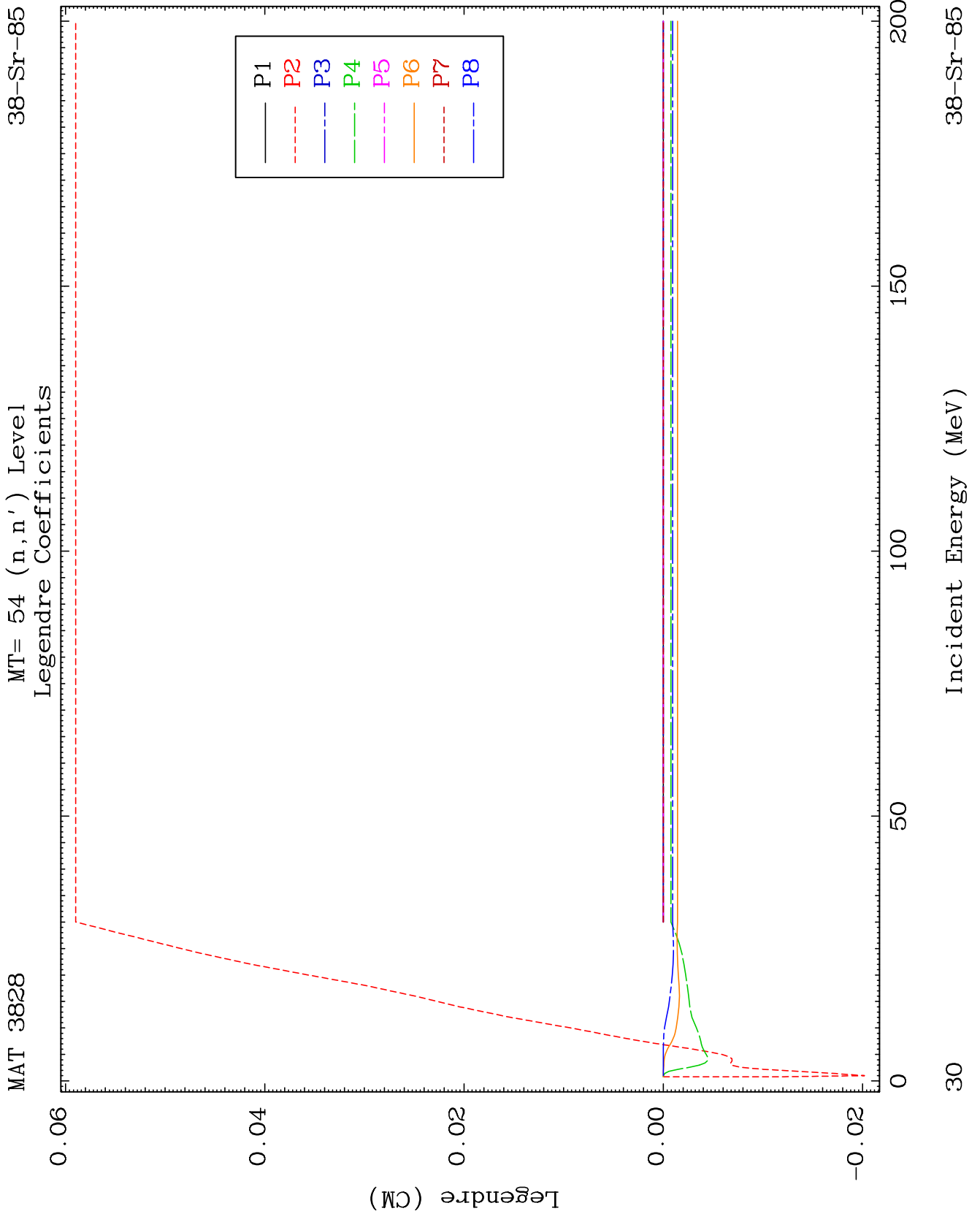
38-Sr-85

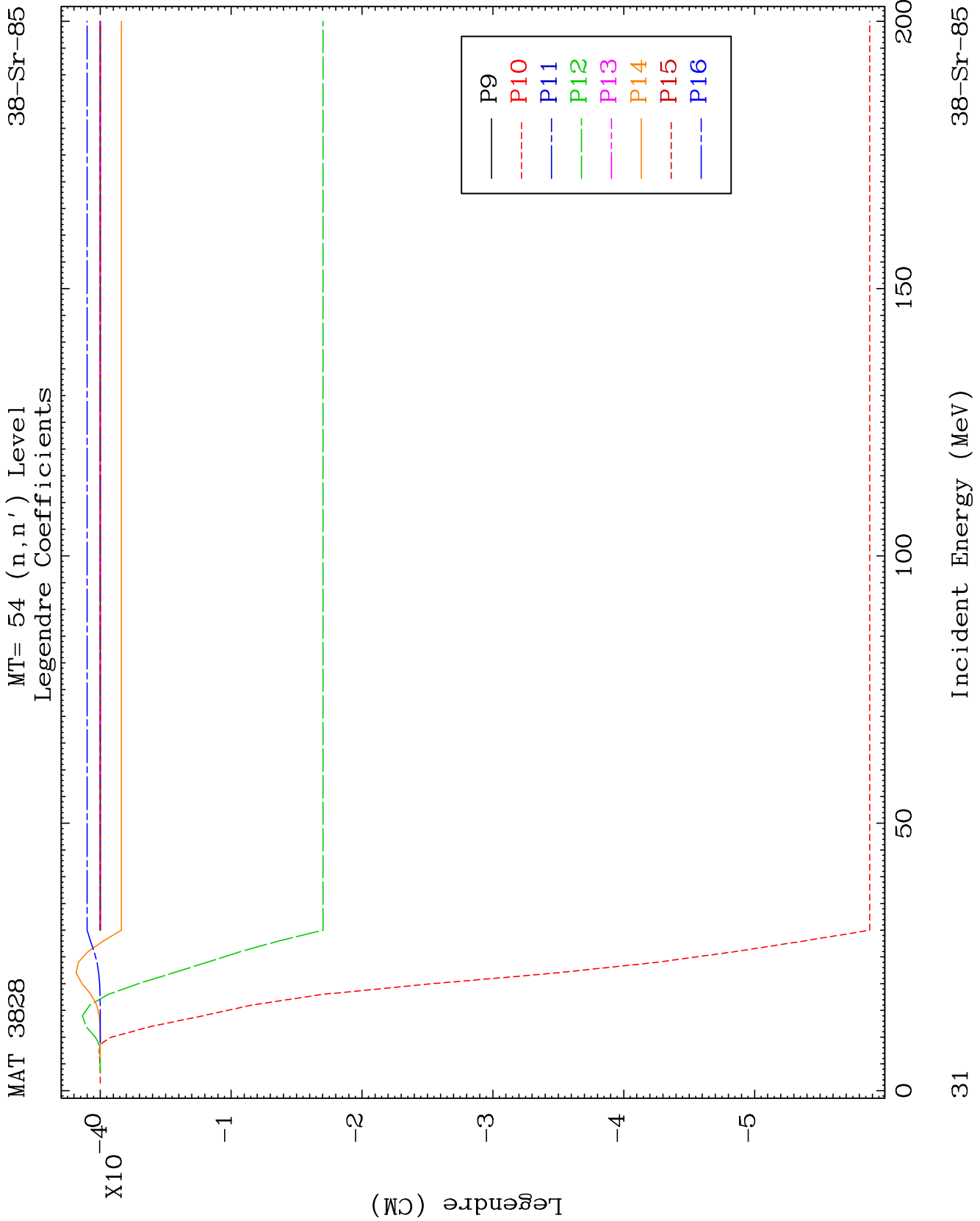


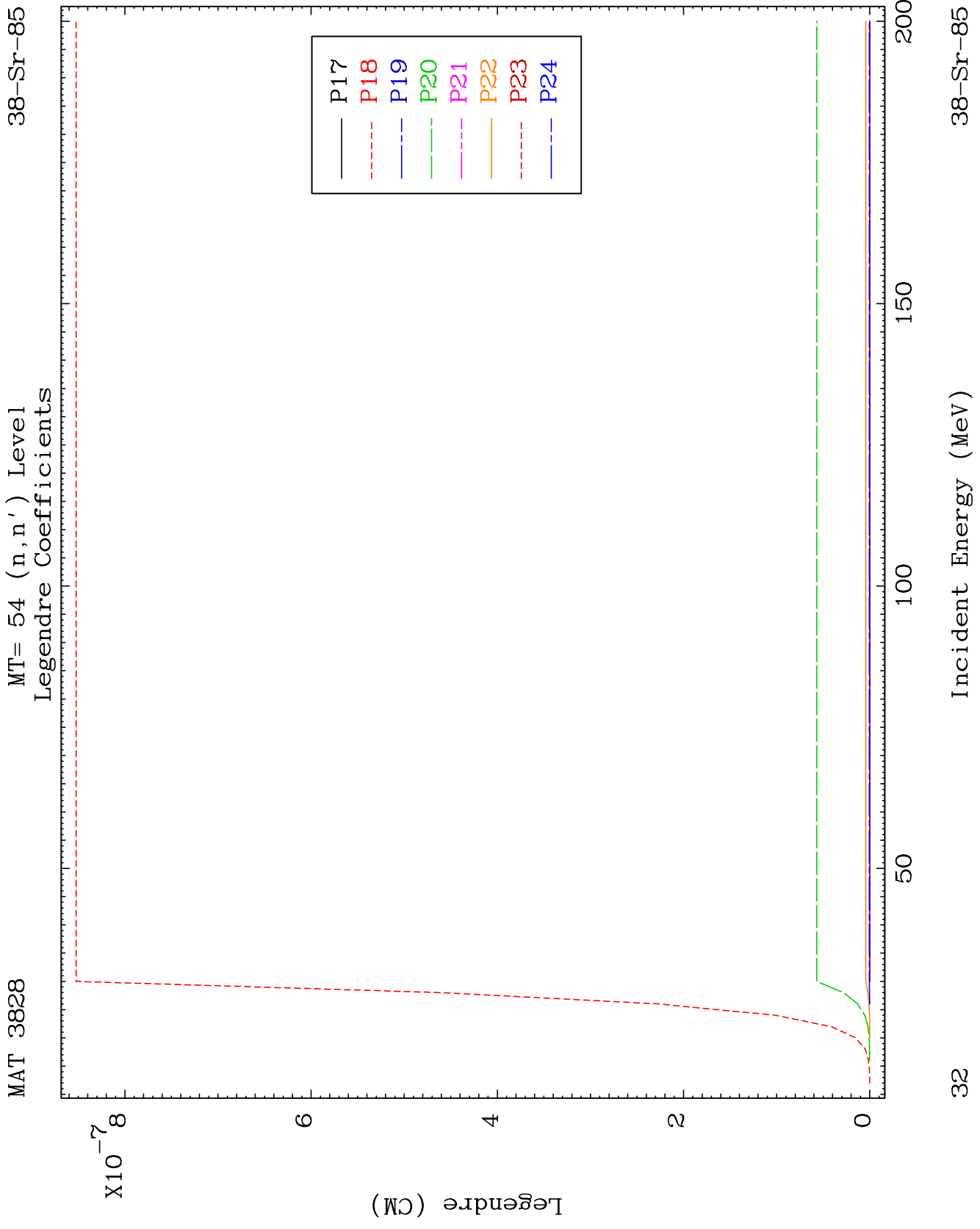
29

Incident Energy (MeV)

38-Sr-85



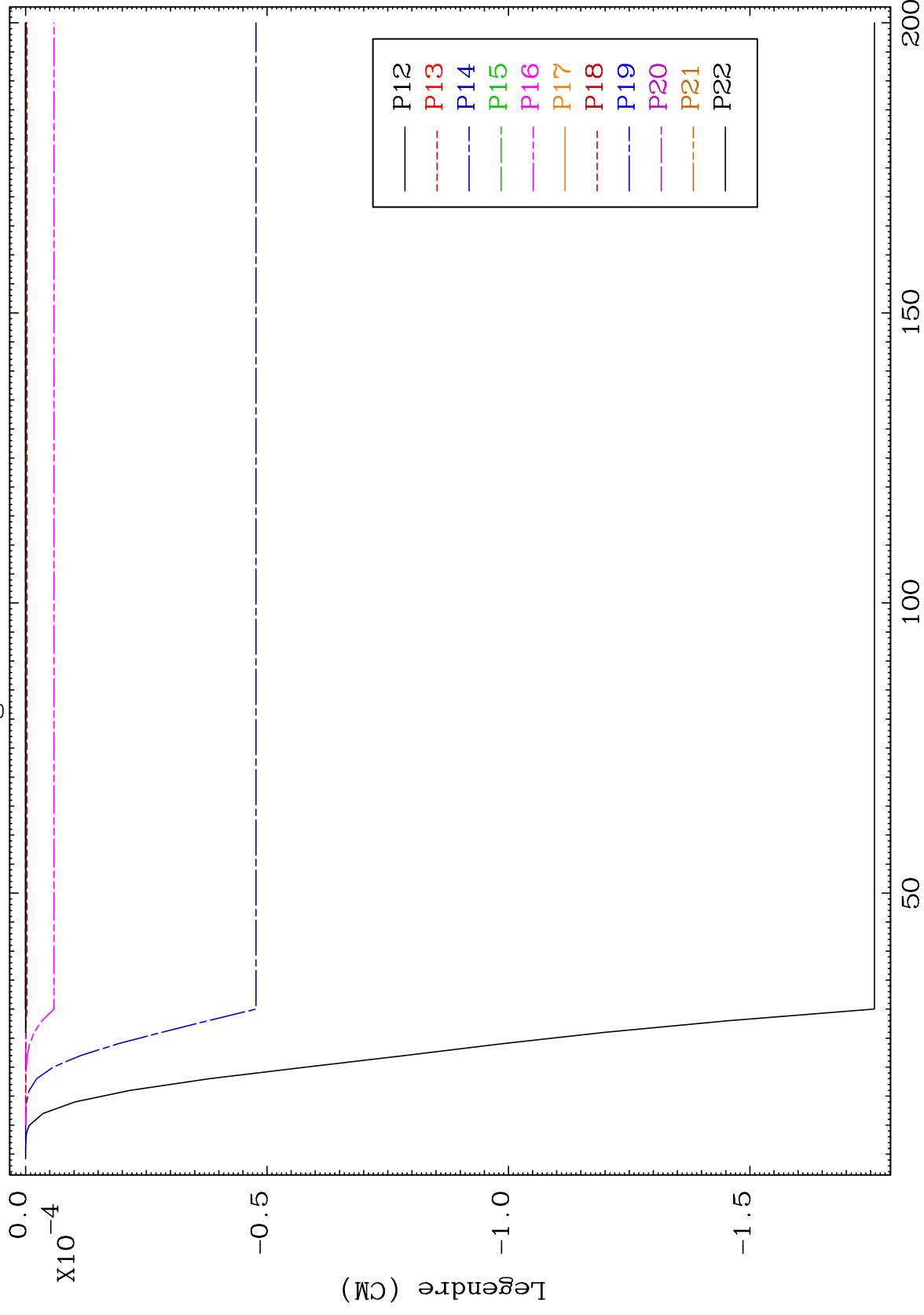




MAT 3828

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

38-Sr-85



34

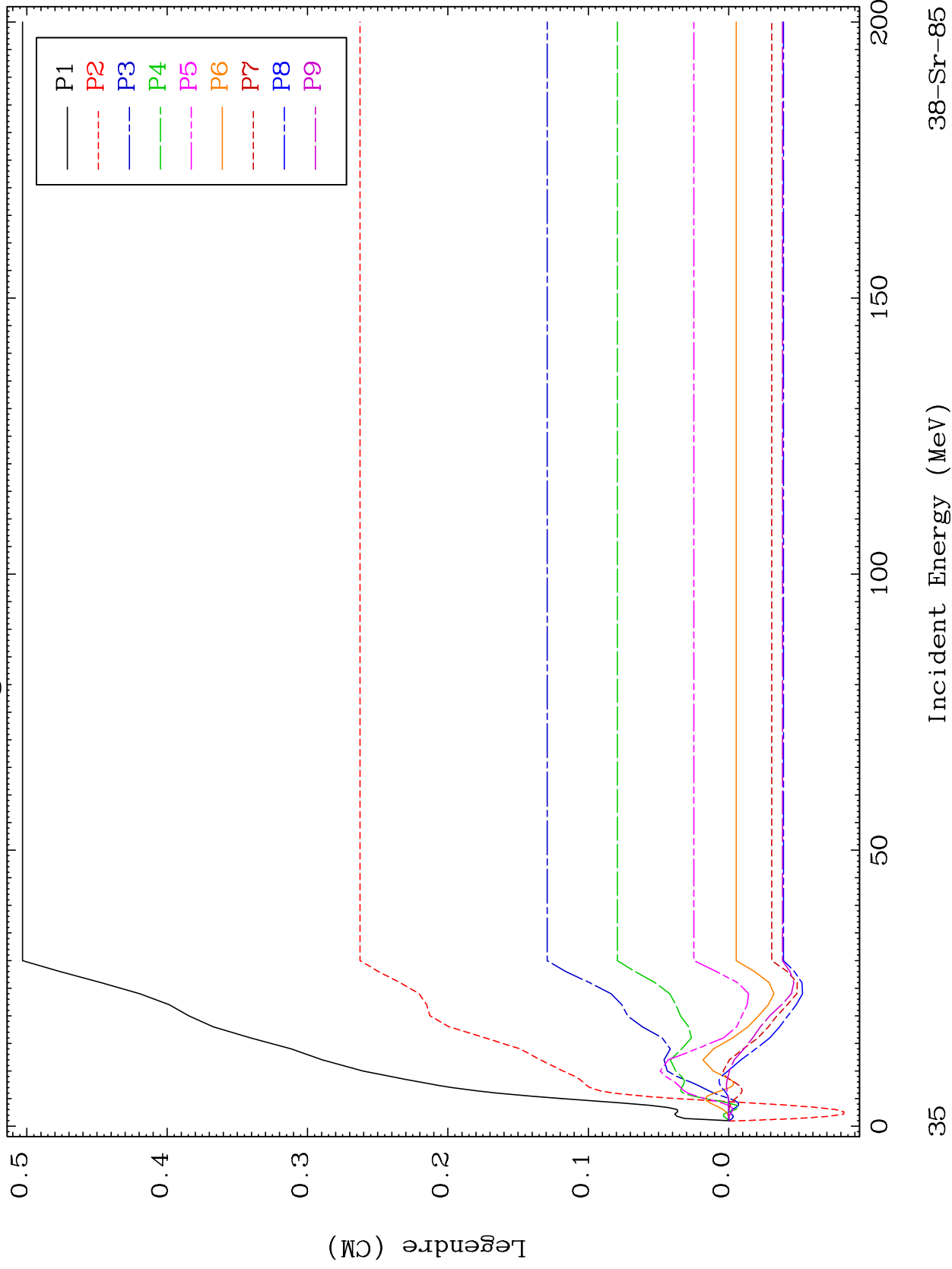
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

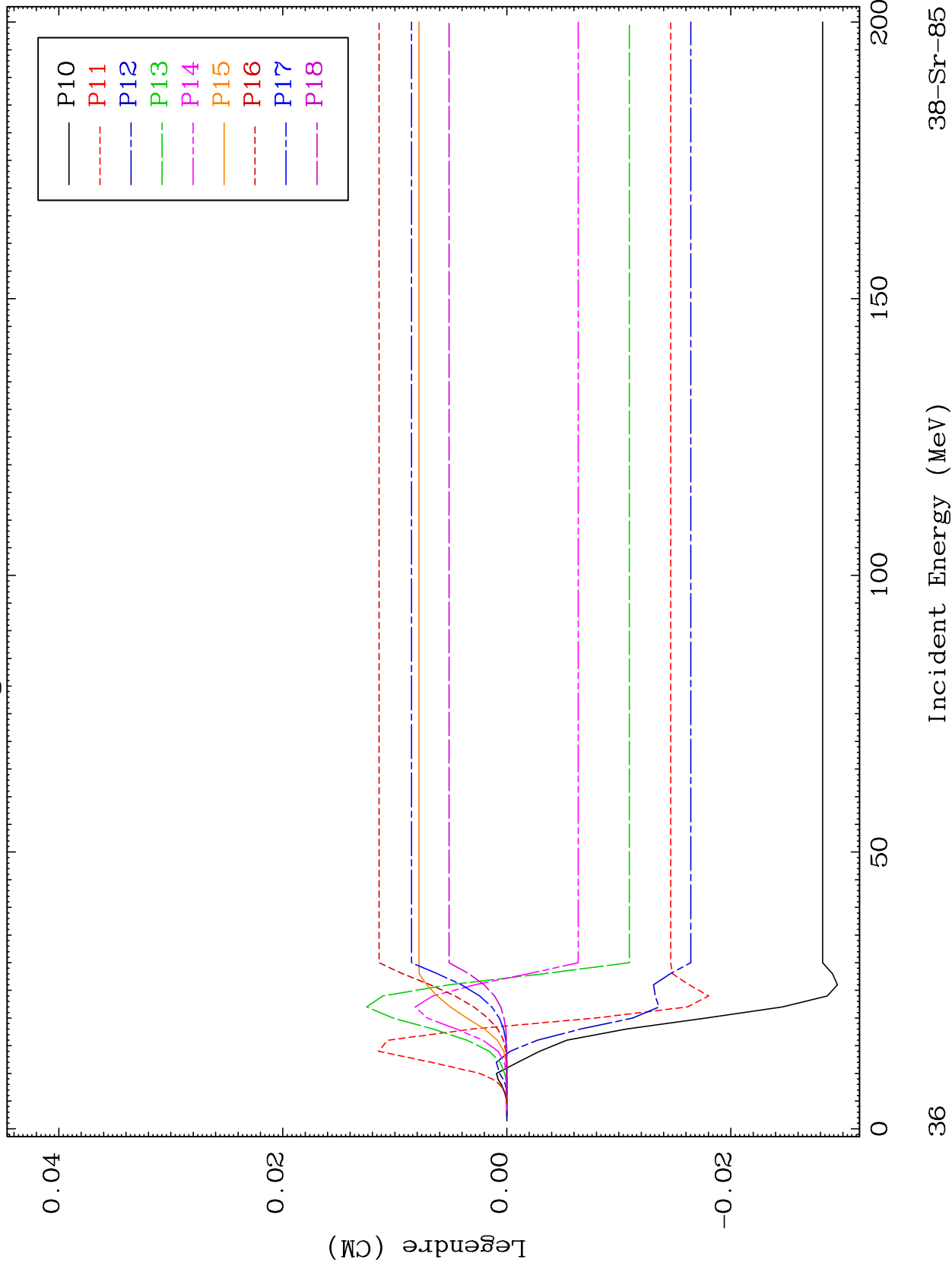
Incident Energy (MeV)

35

MAT 3828

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

38-Sr-85



38-Sr-85

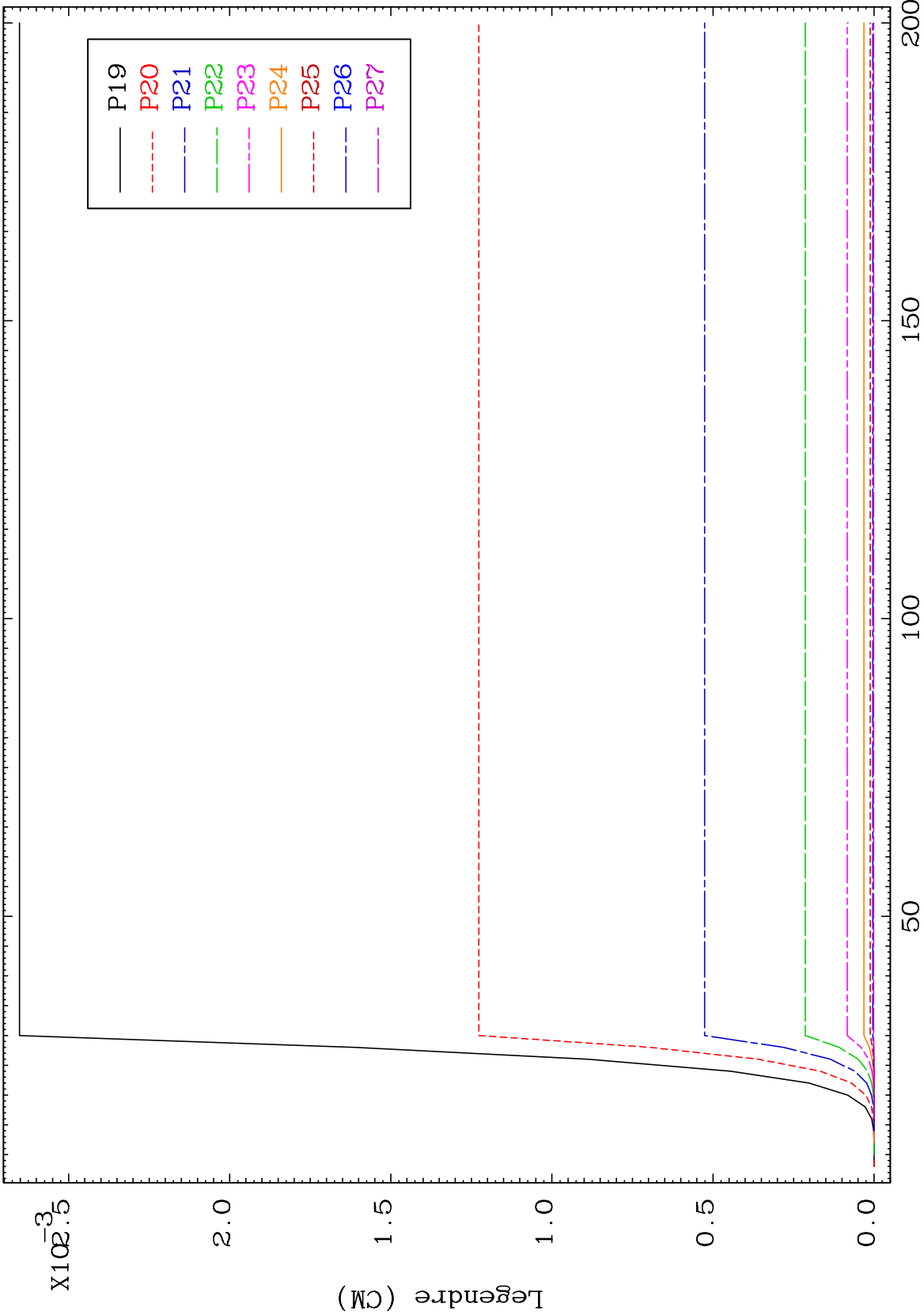
Incident Energy (MeV)

36

MAT 3828

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

38-Sr-85



37

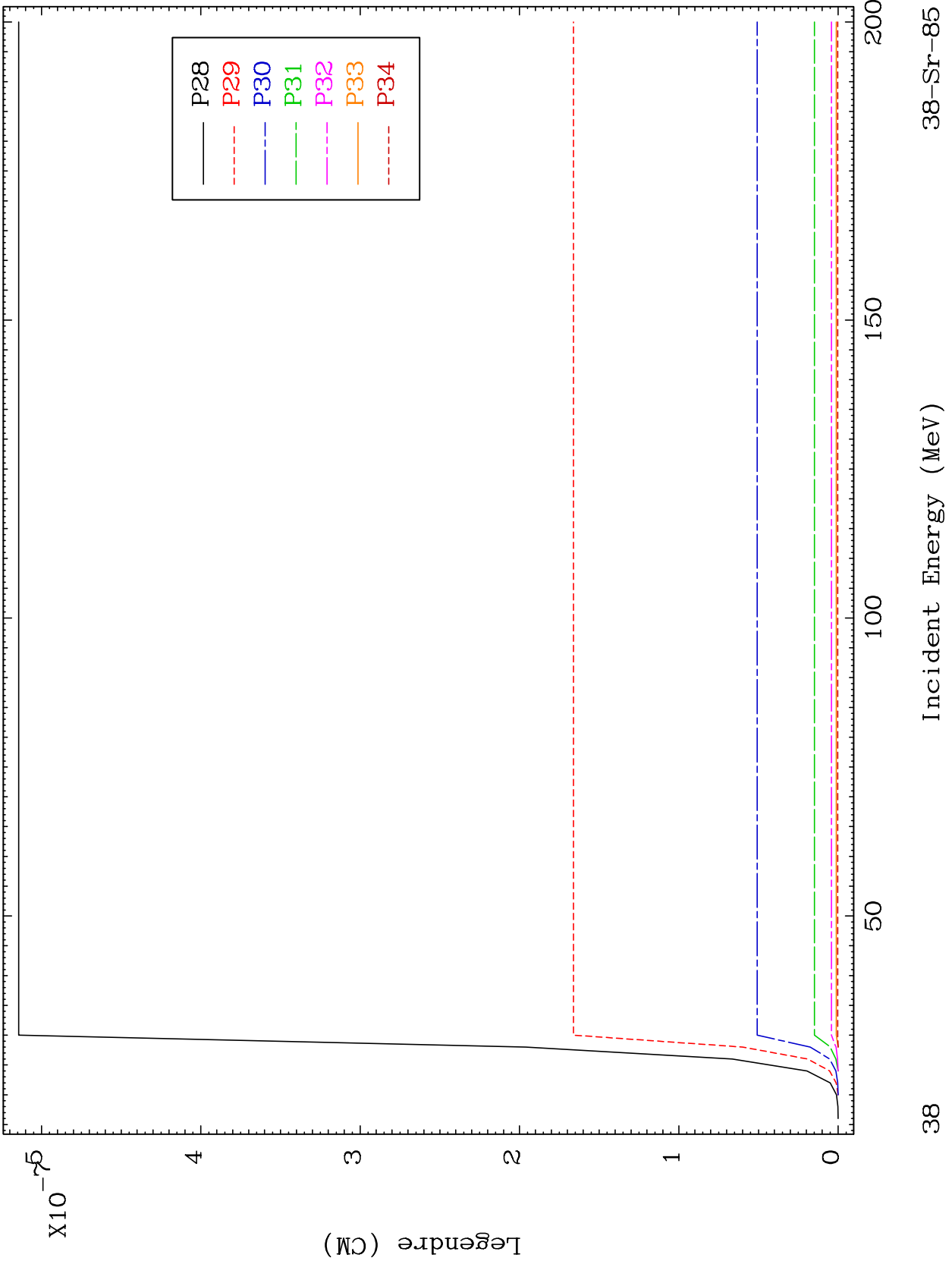
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

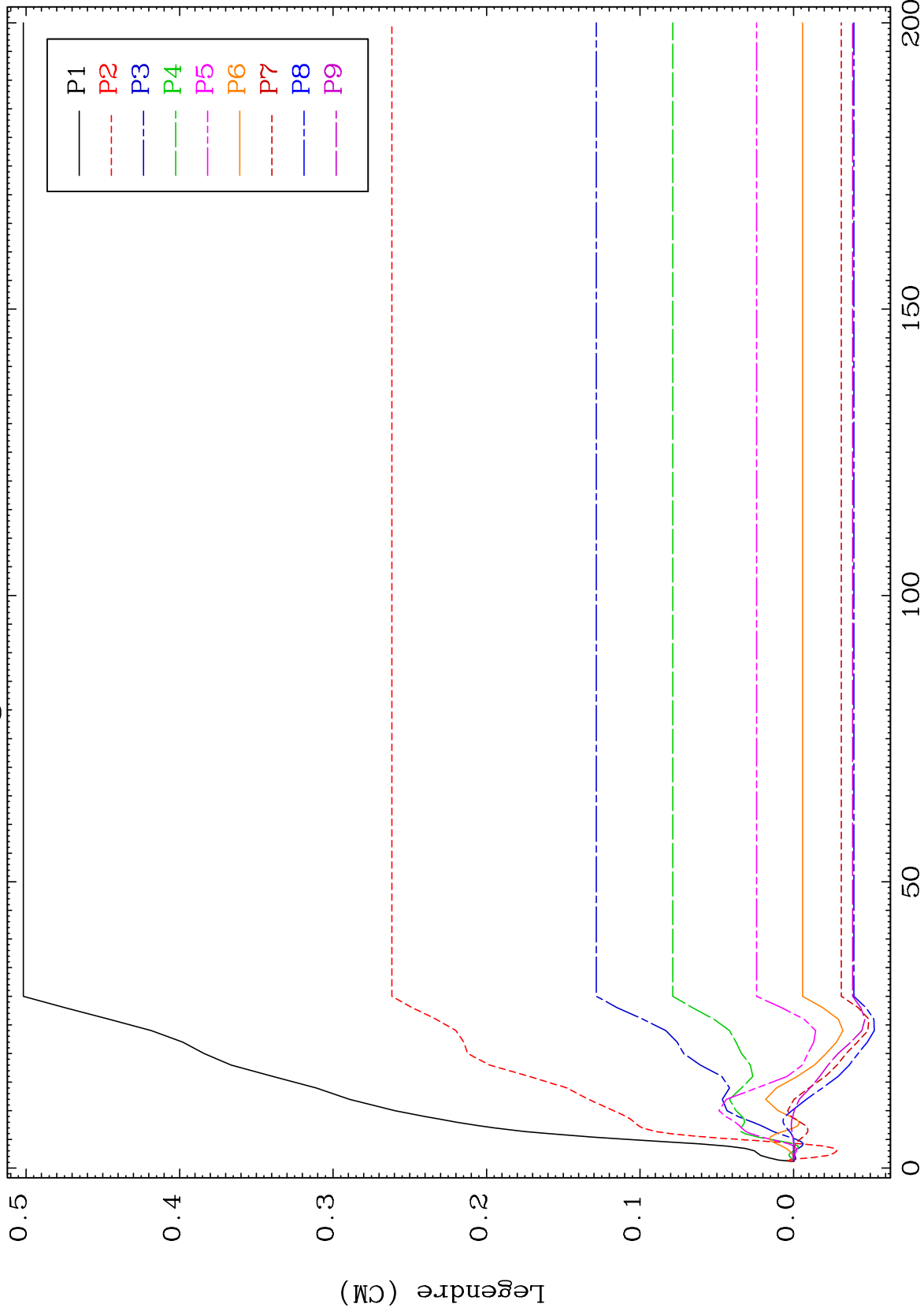
38-Sr-85



MAT 3828

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

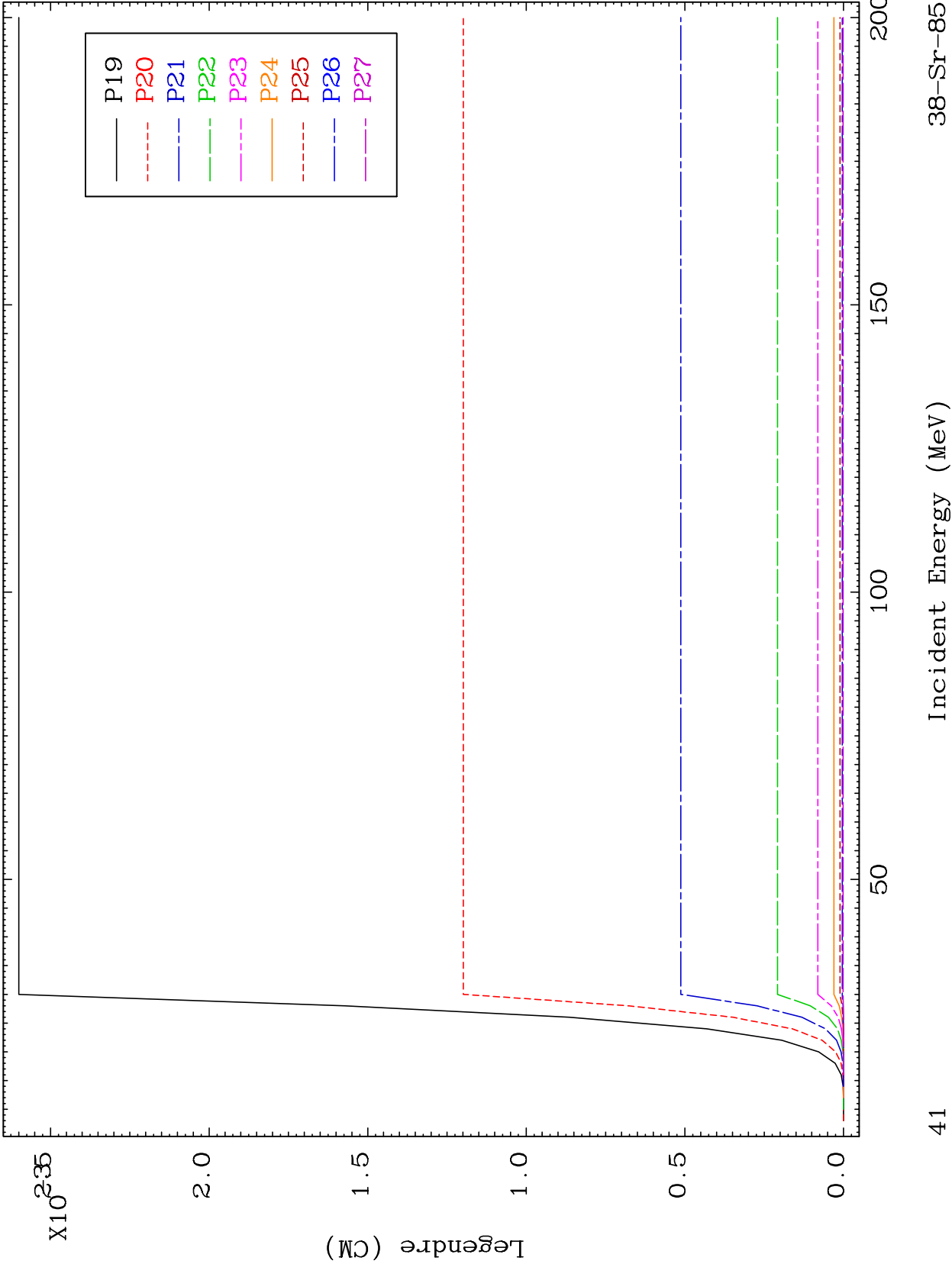
38-Sr-85



39

Incident Energy (MeV)

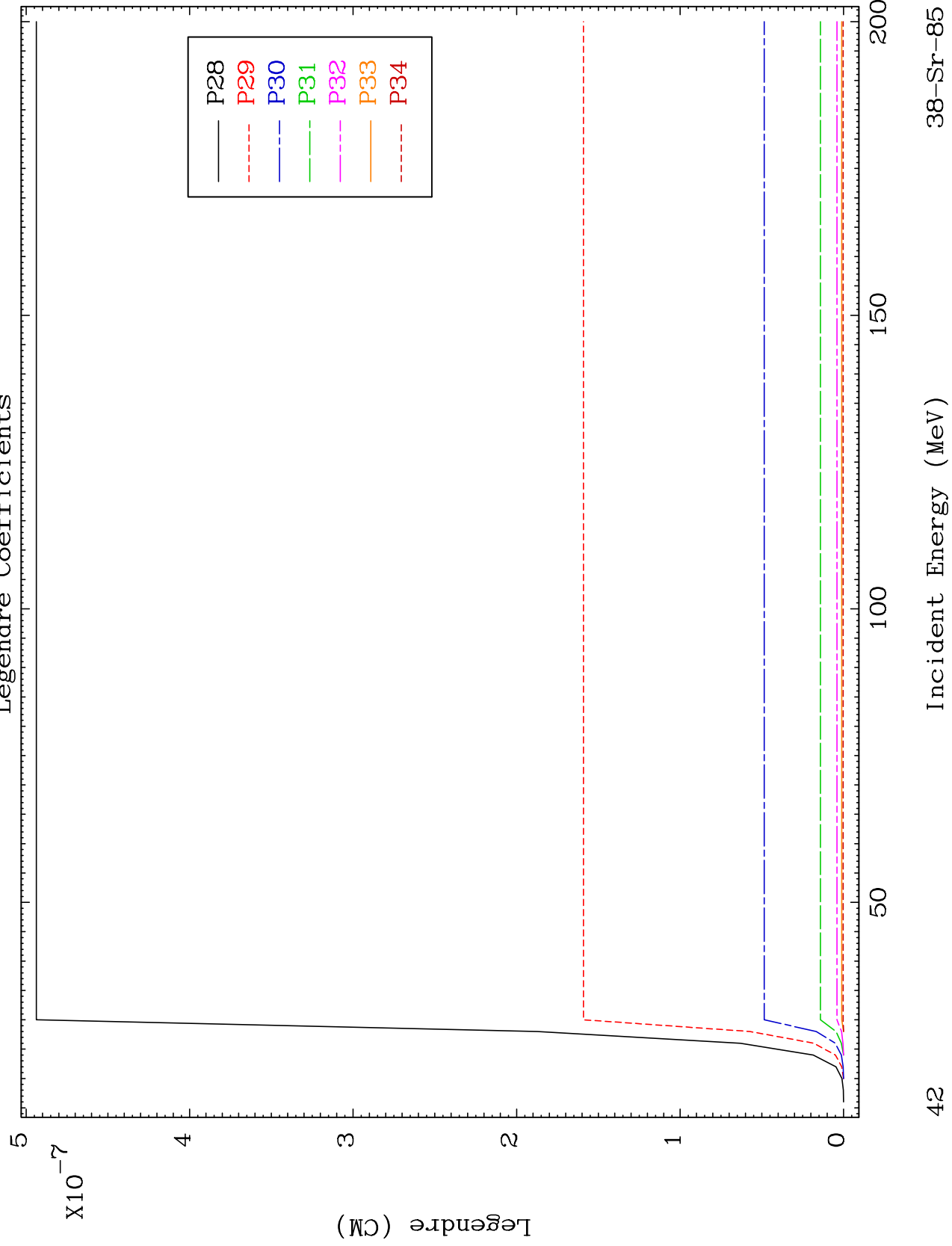
38-Sr-85



MAT 3828

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

38-Sr-85



42

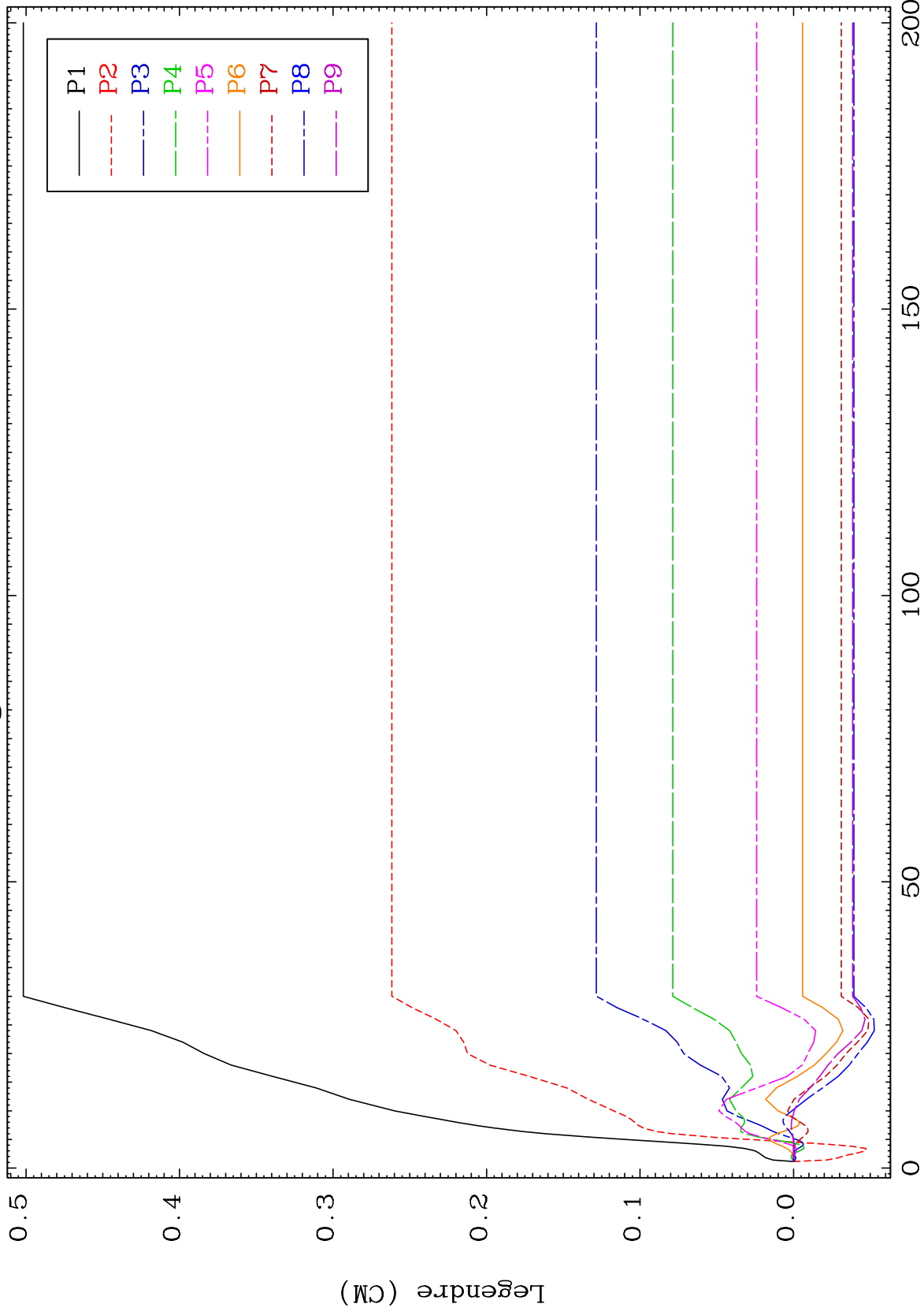
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

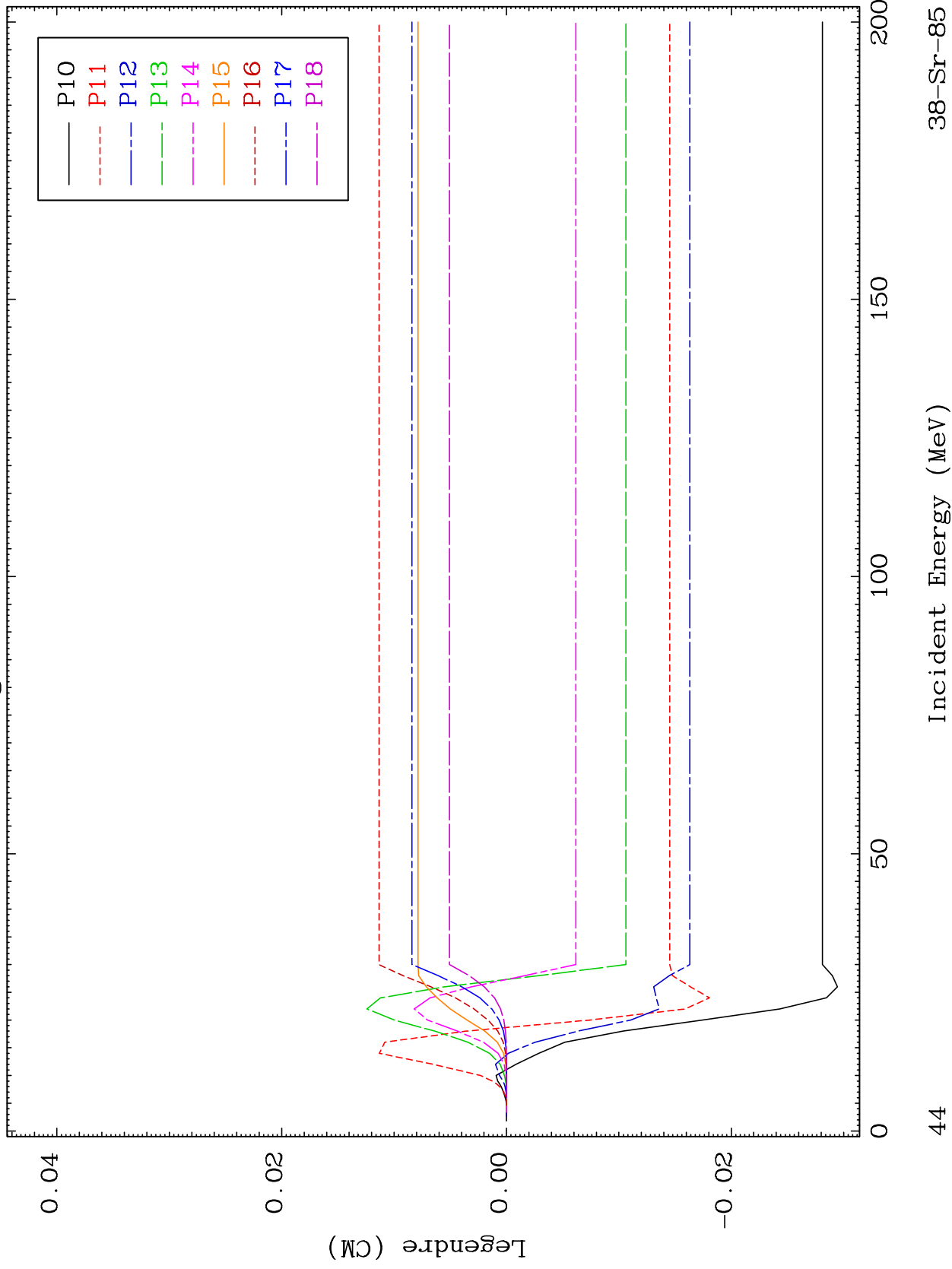
Incident Energy (MeV)

43

MAT 3828

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

38-Sr-85



44

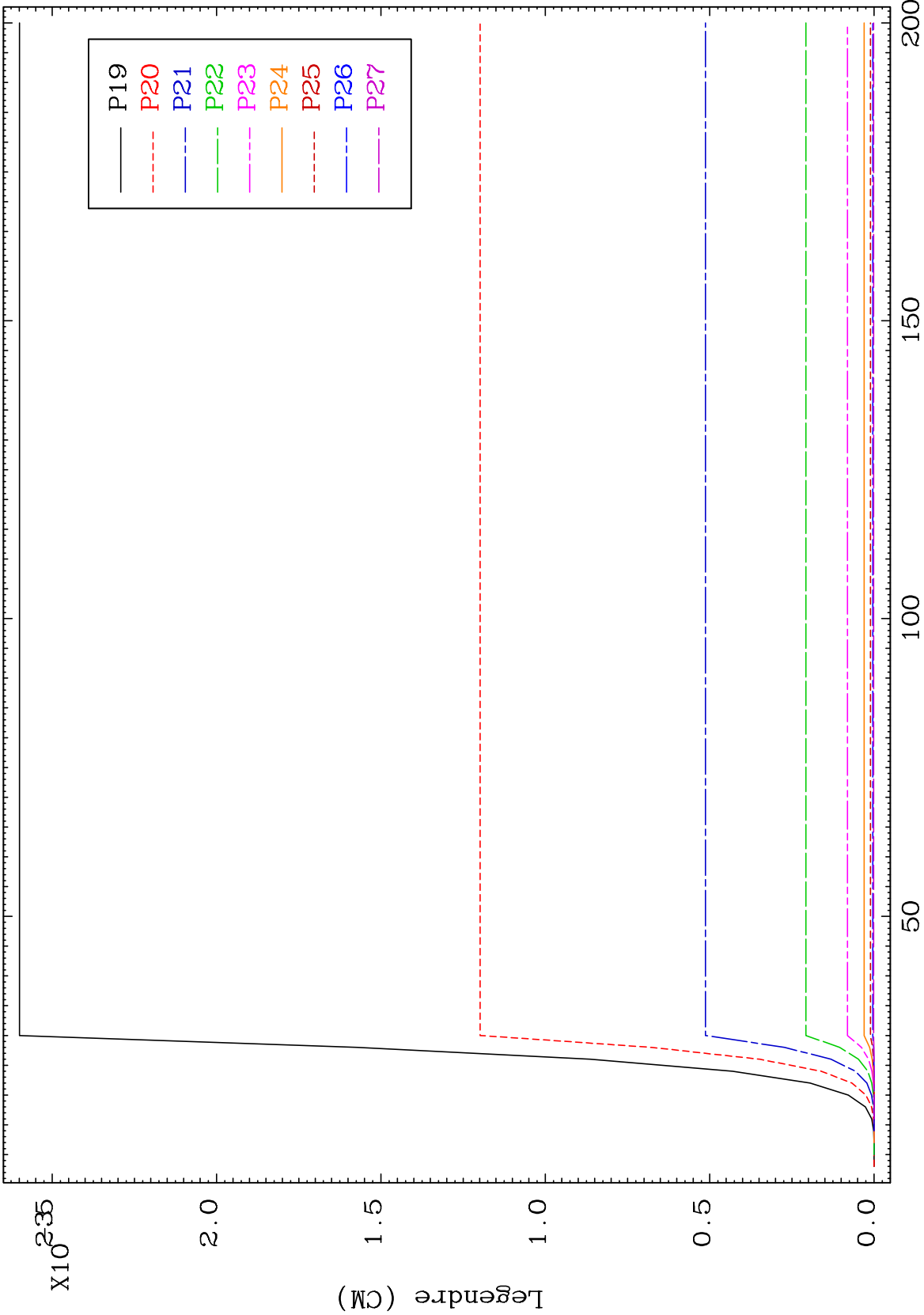
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



45

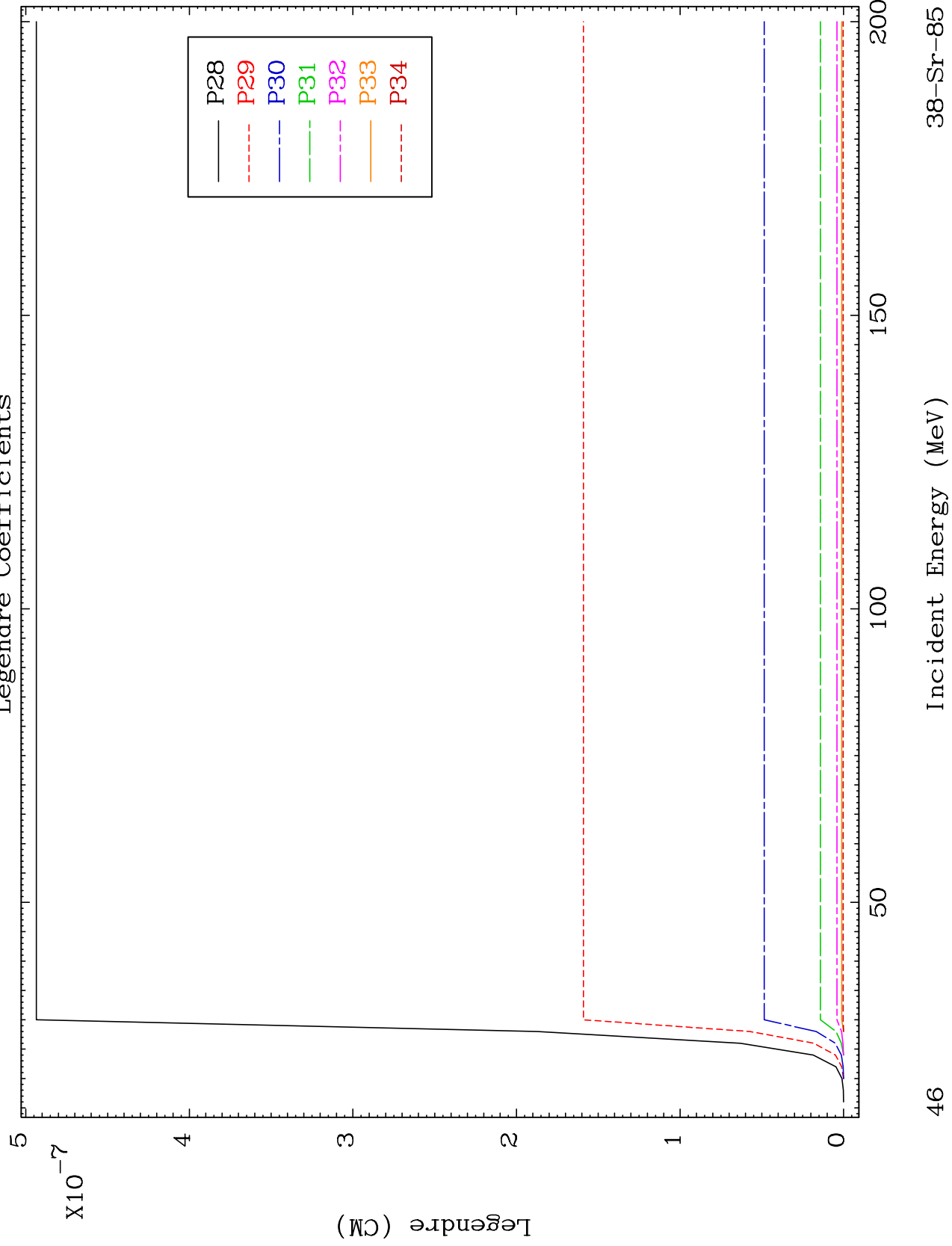
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



46

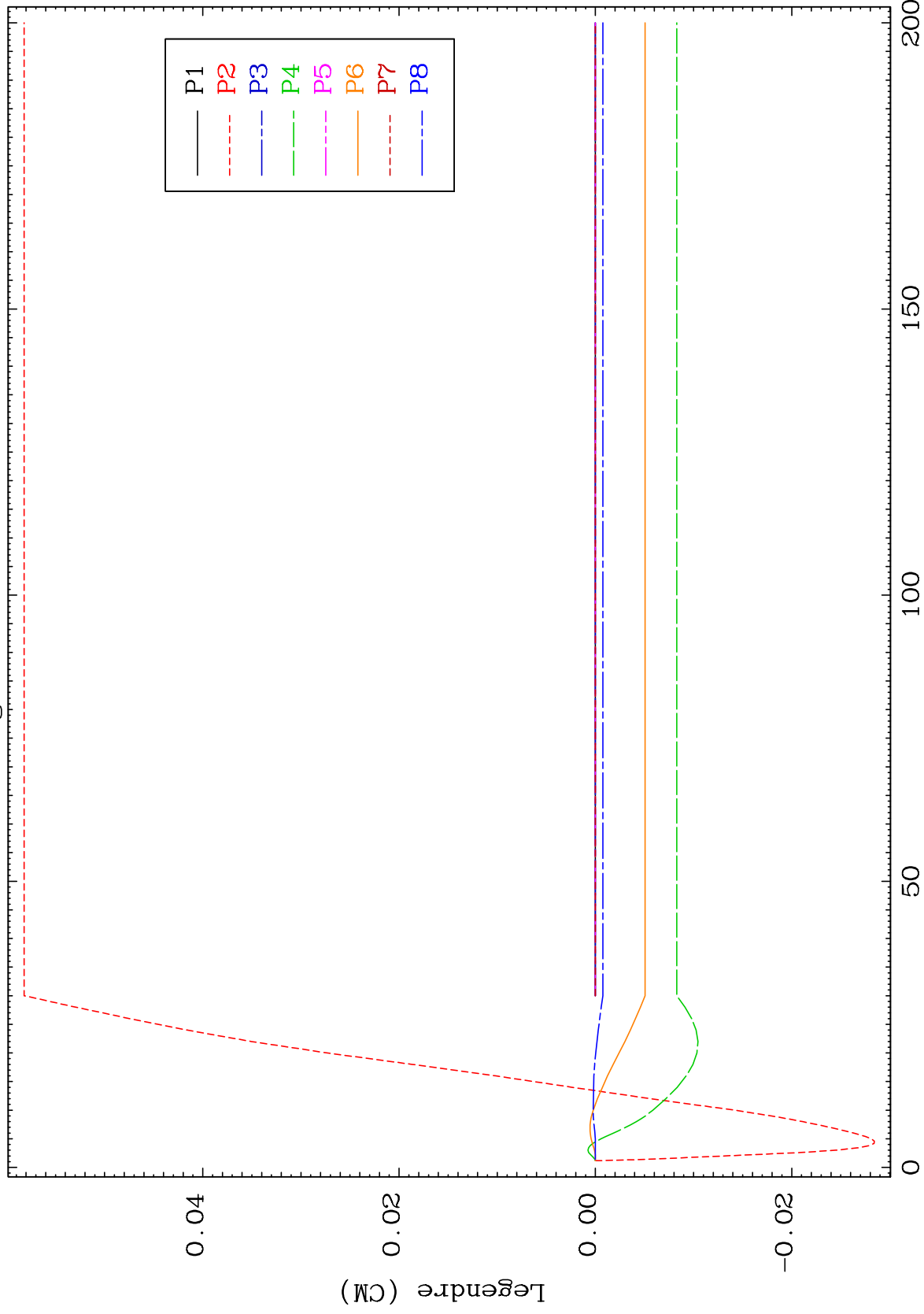
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



47

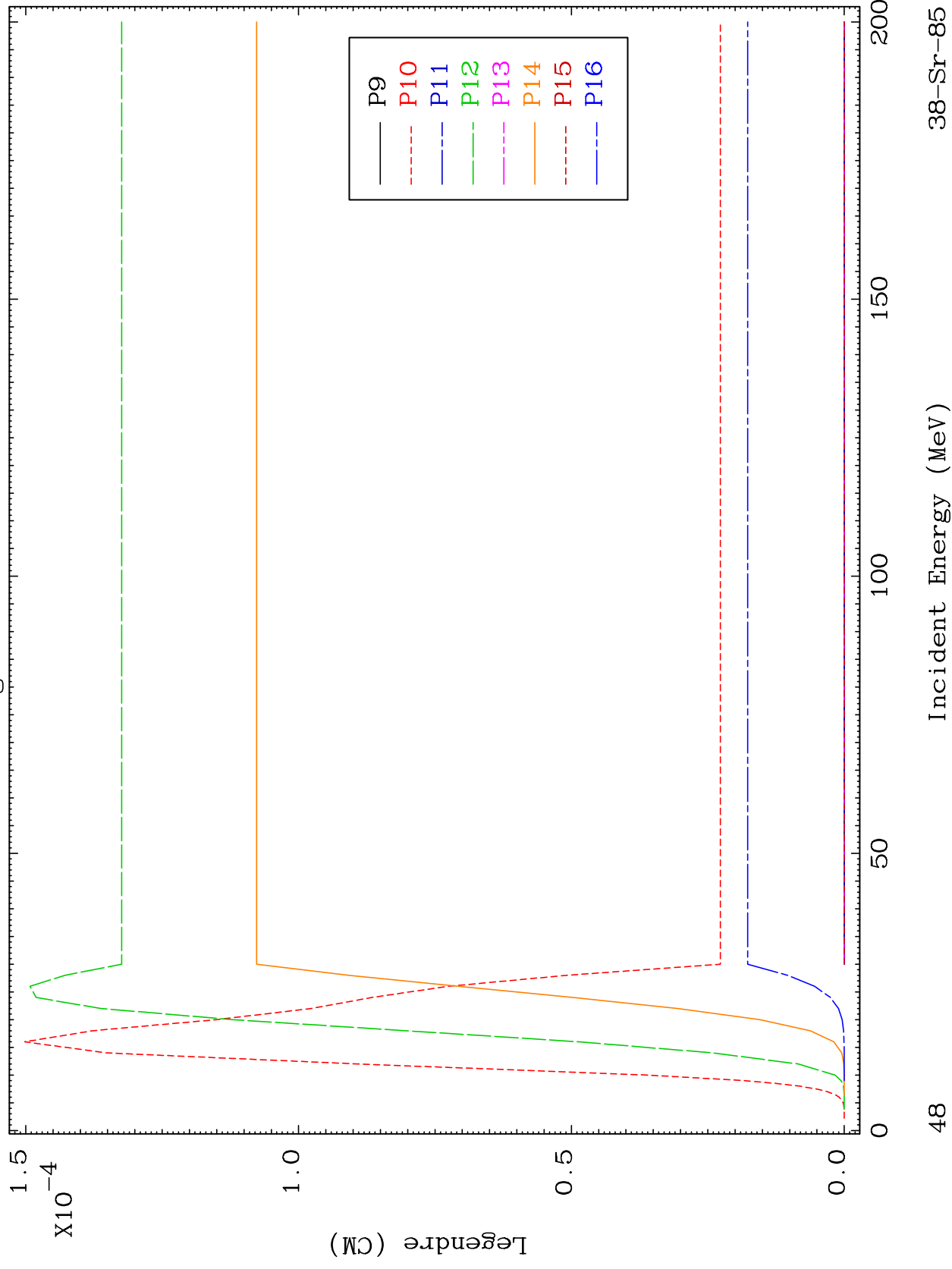
Incident Energy (MeV)

38-Sr-85

MAT 3828

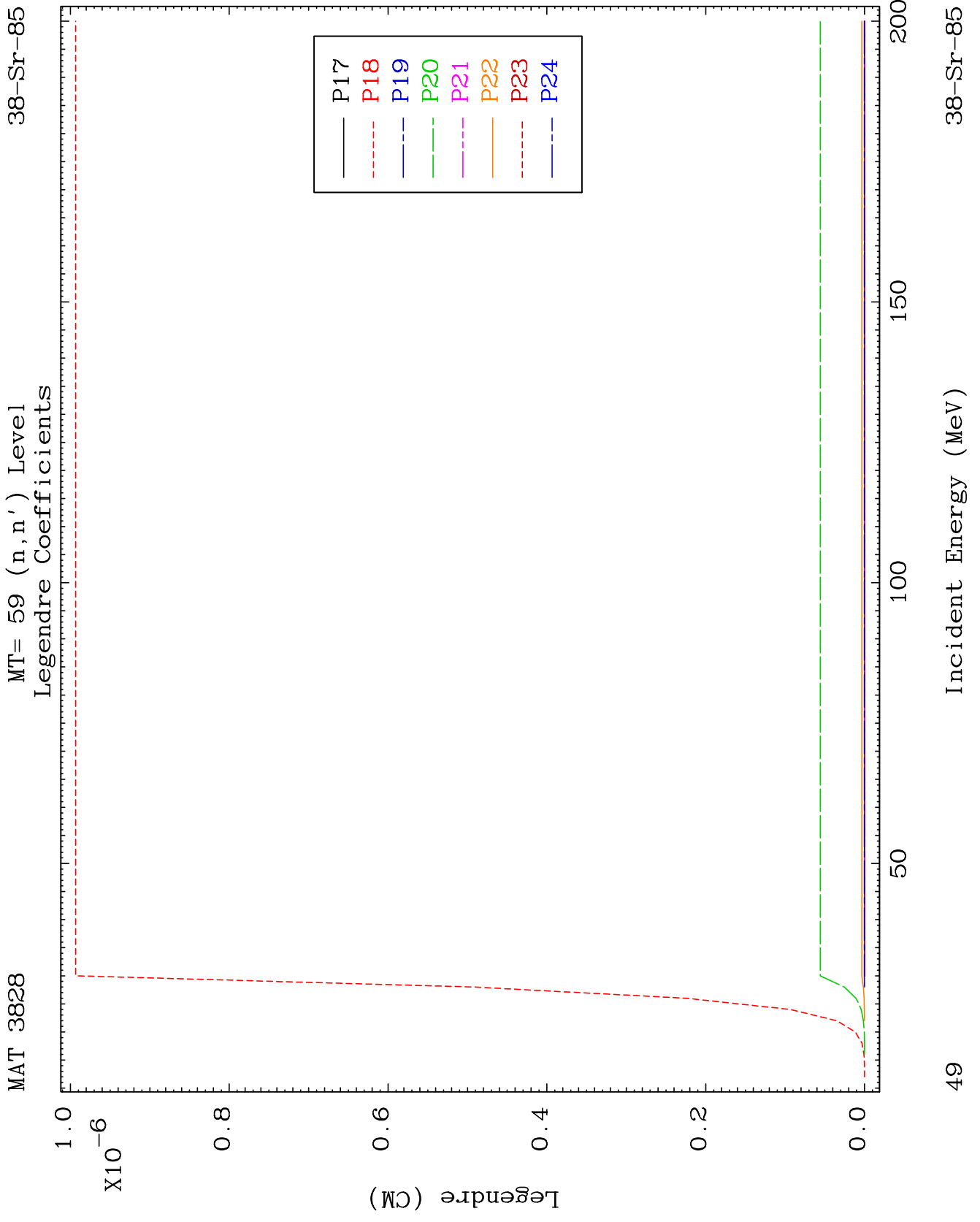
MT= 59 (n,n') Level
Legendre Coefficients

38-Sr-85



48

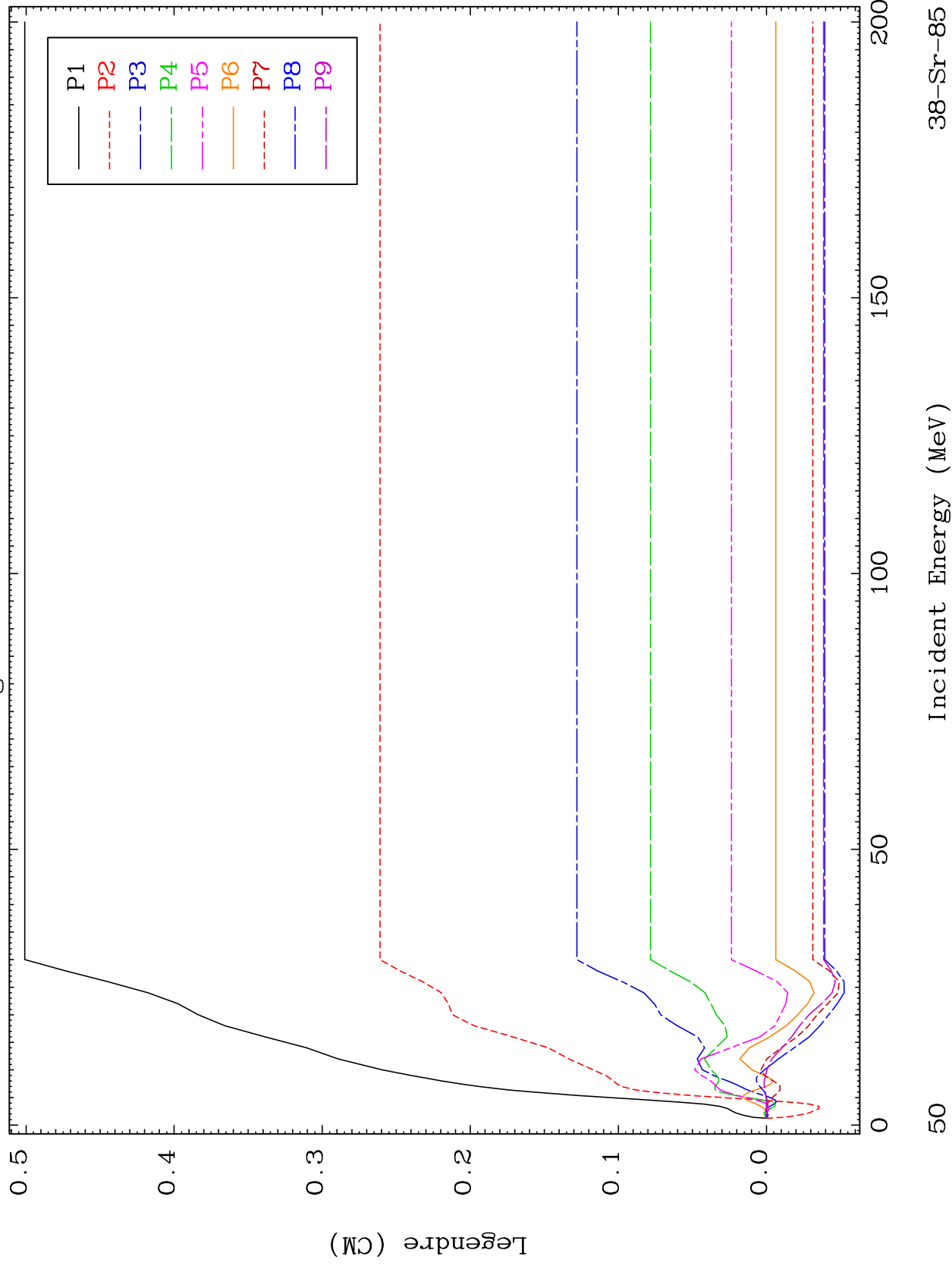
38-Sr-85



MAT 3828

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

38-Sr-85

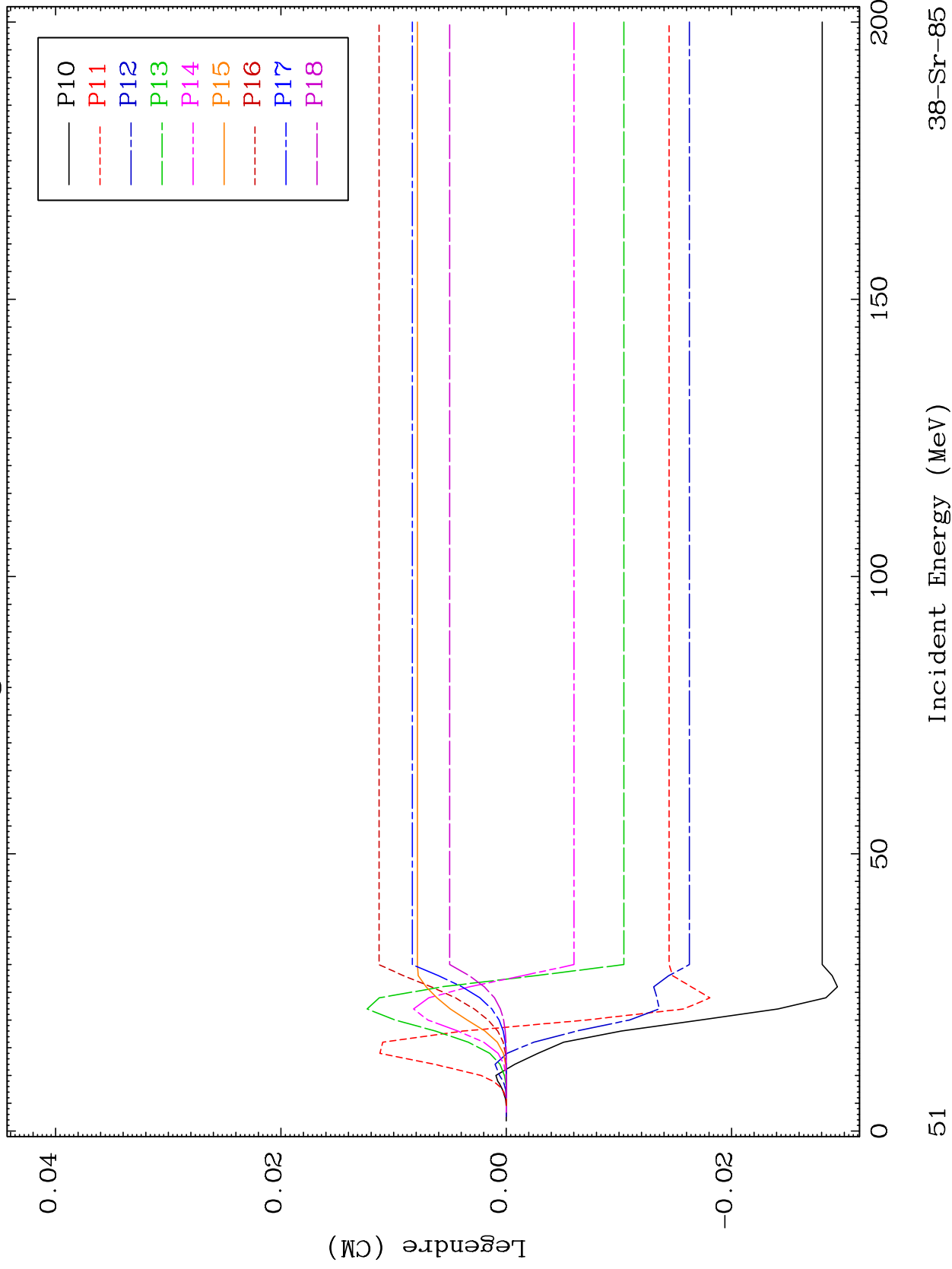


38-Sr-85

MAT 3828

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

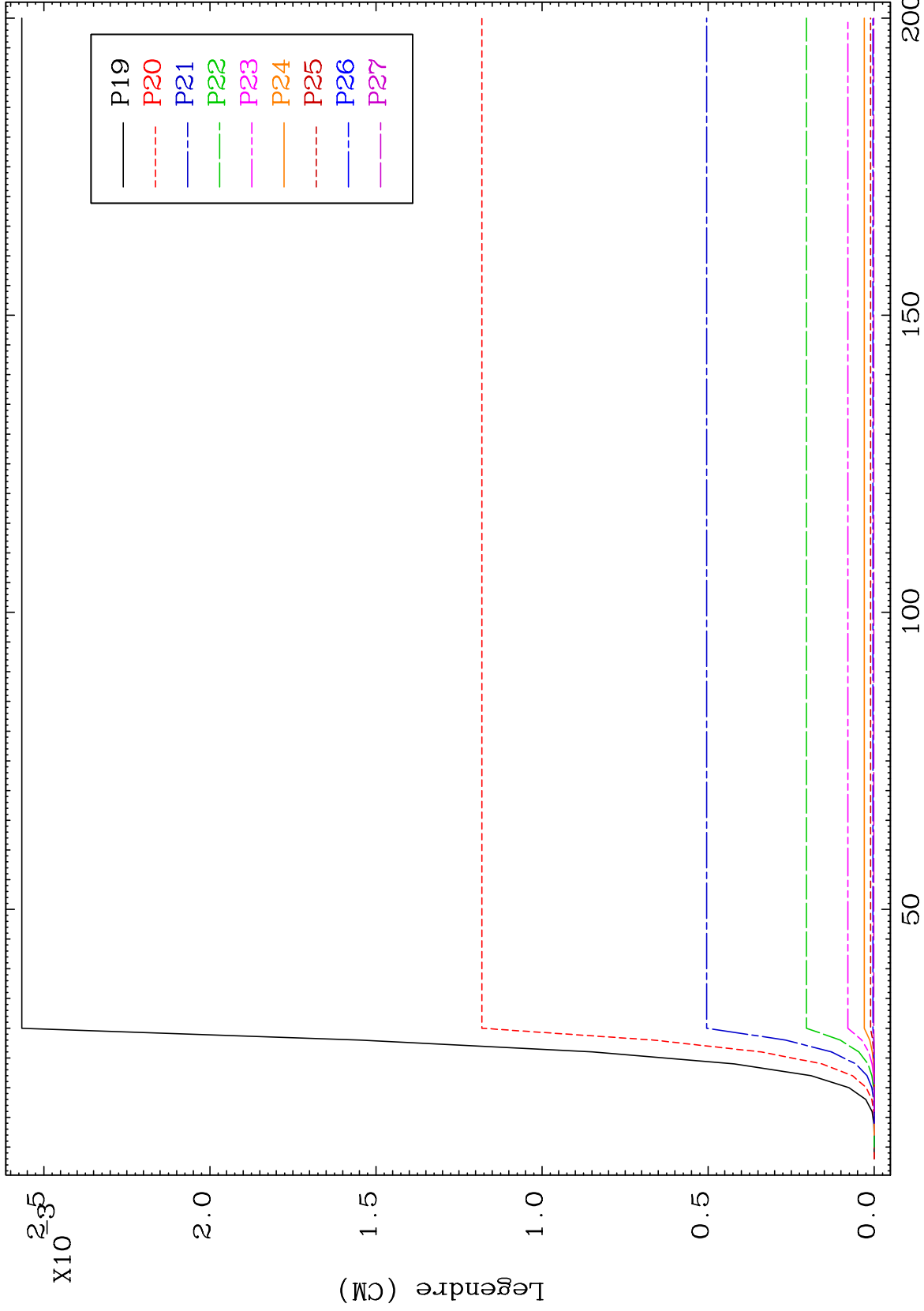
38-Sr-85



38-Sr-85

Incident Energy (MeV)

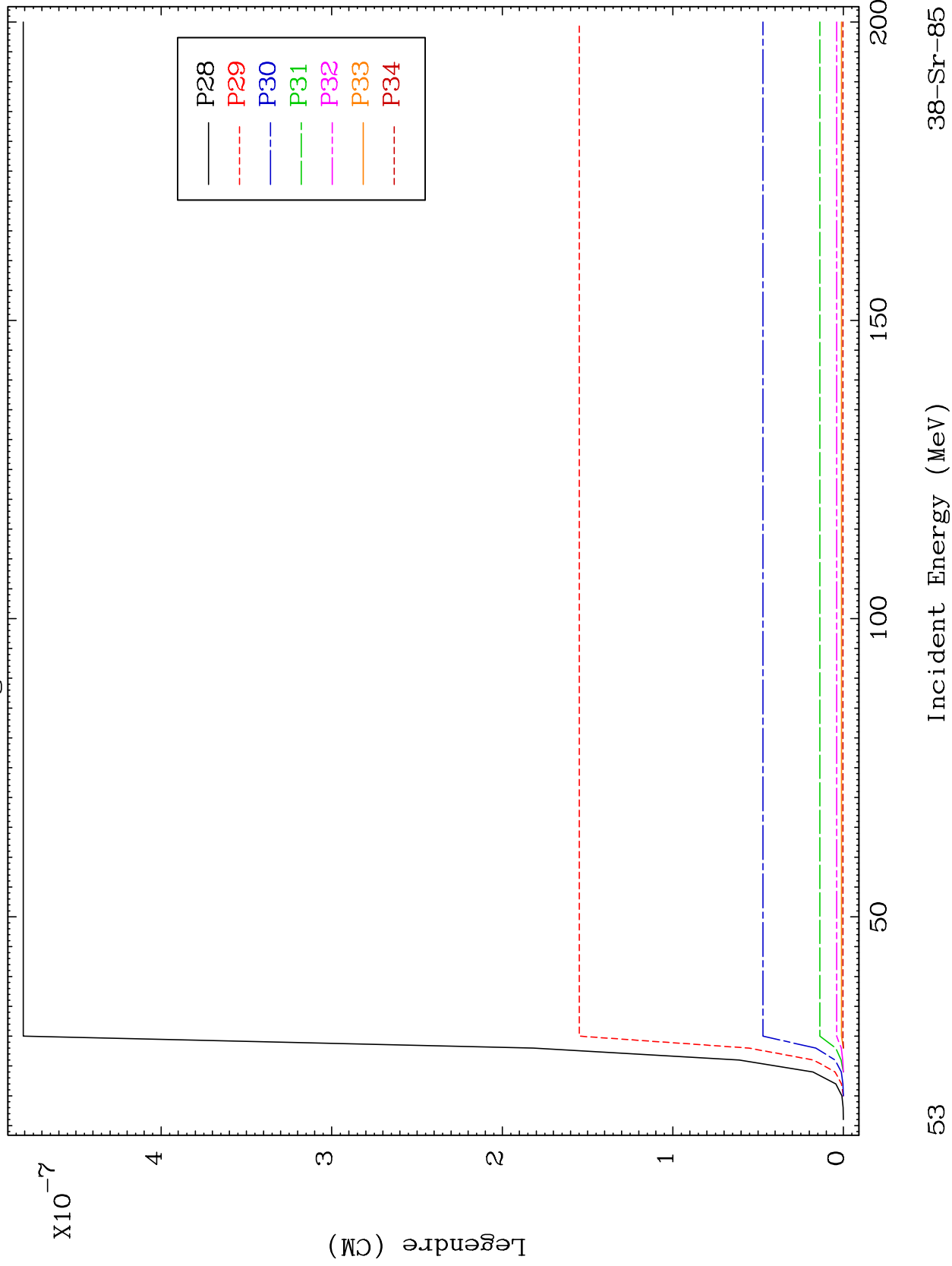
51



MAT 3828

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

38-Sr-85



53

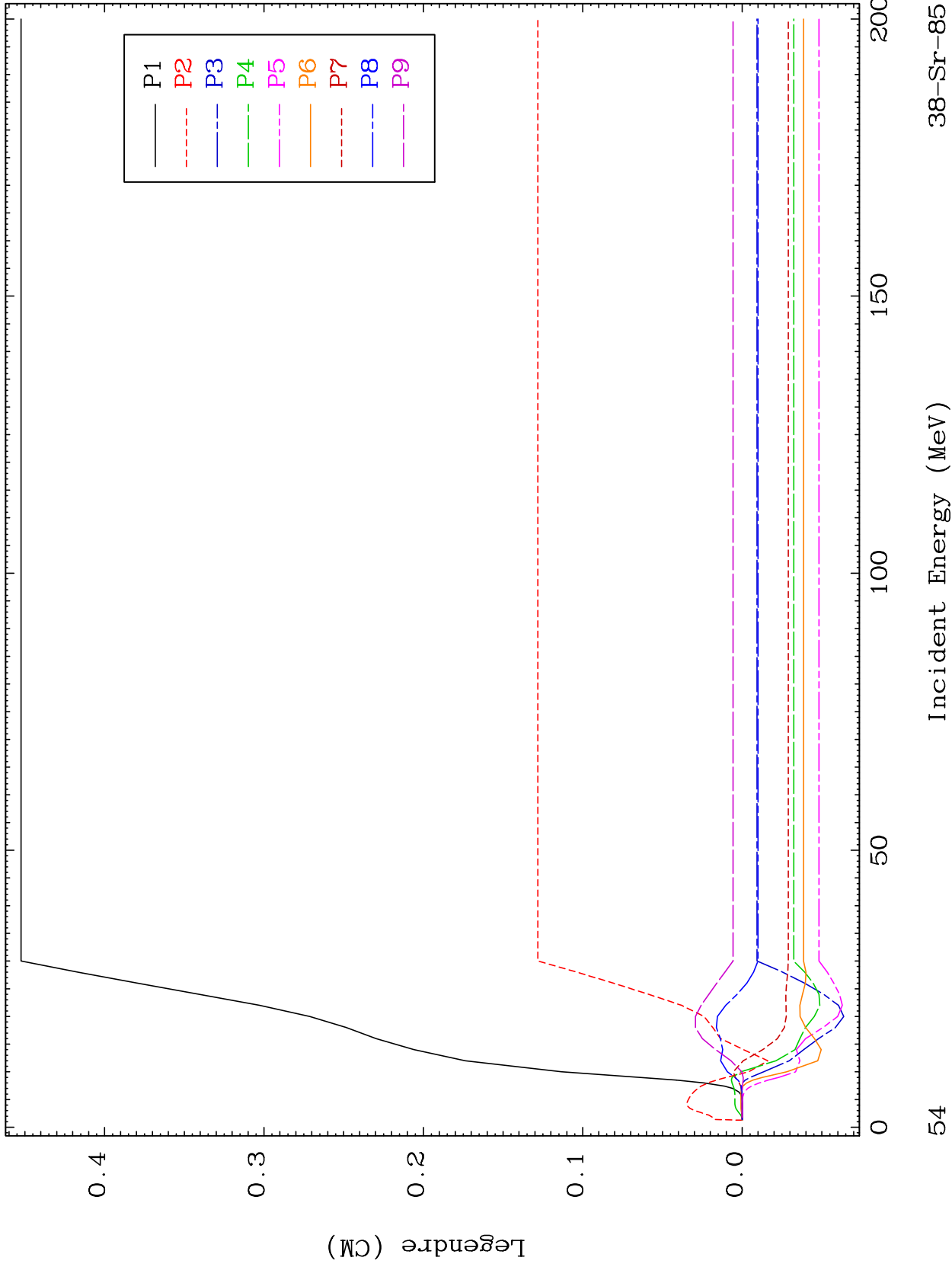
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

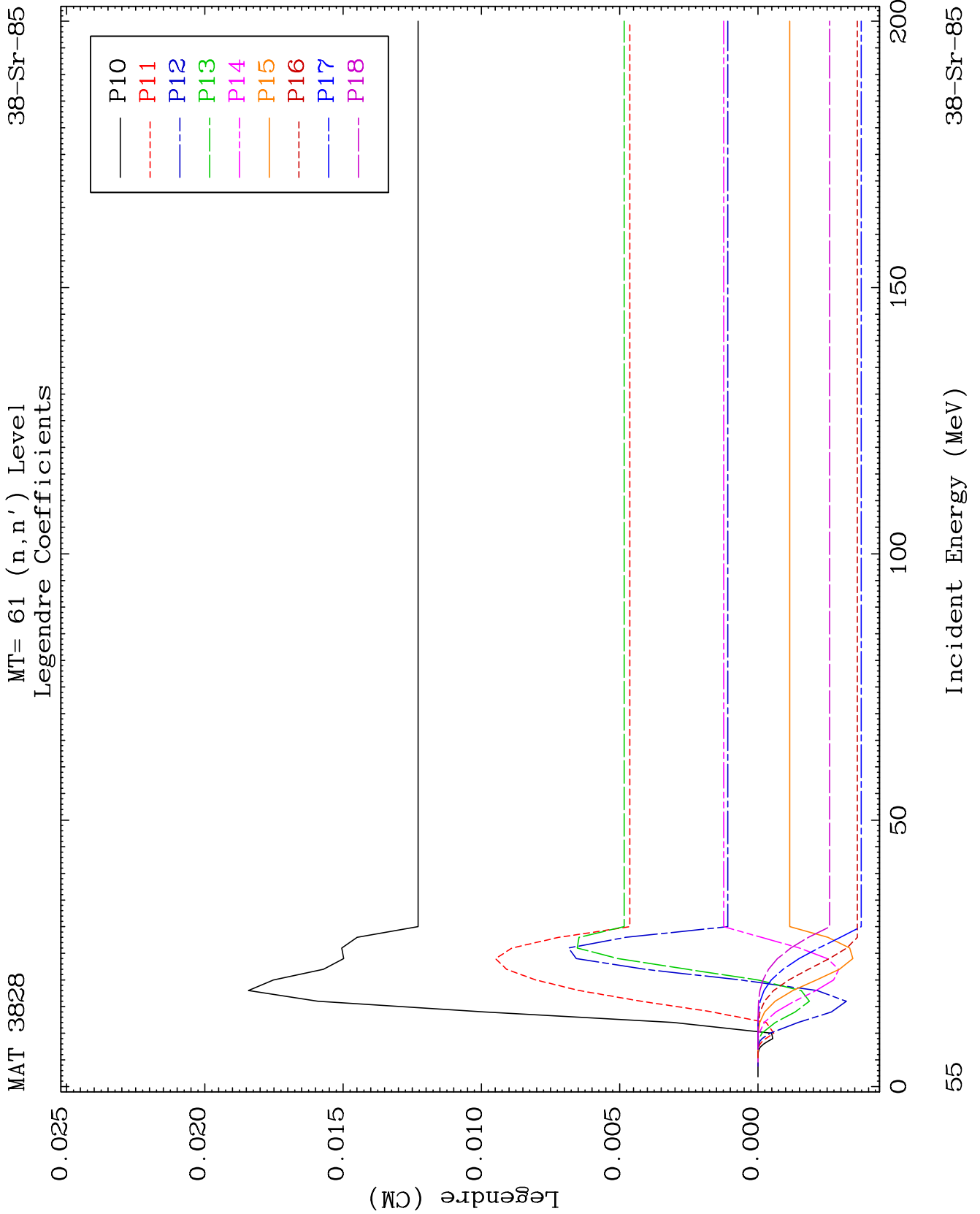
38-Sr-85

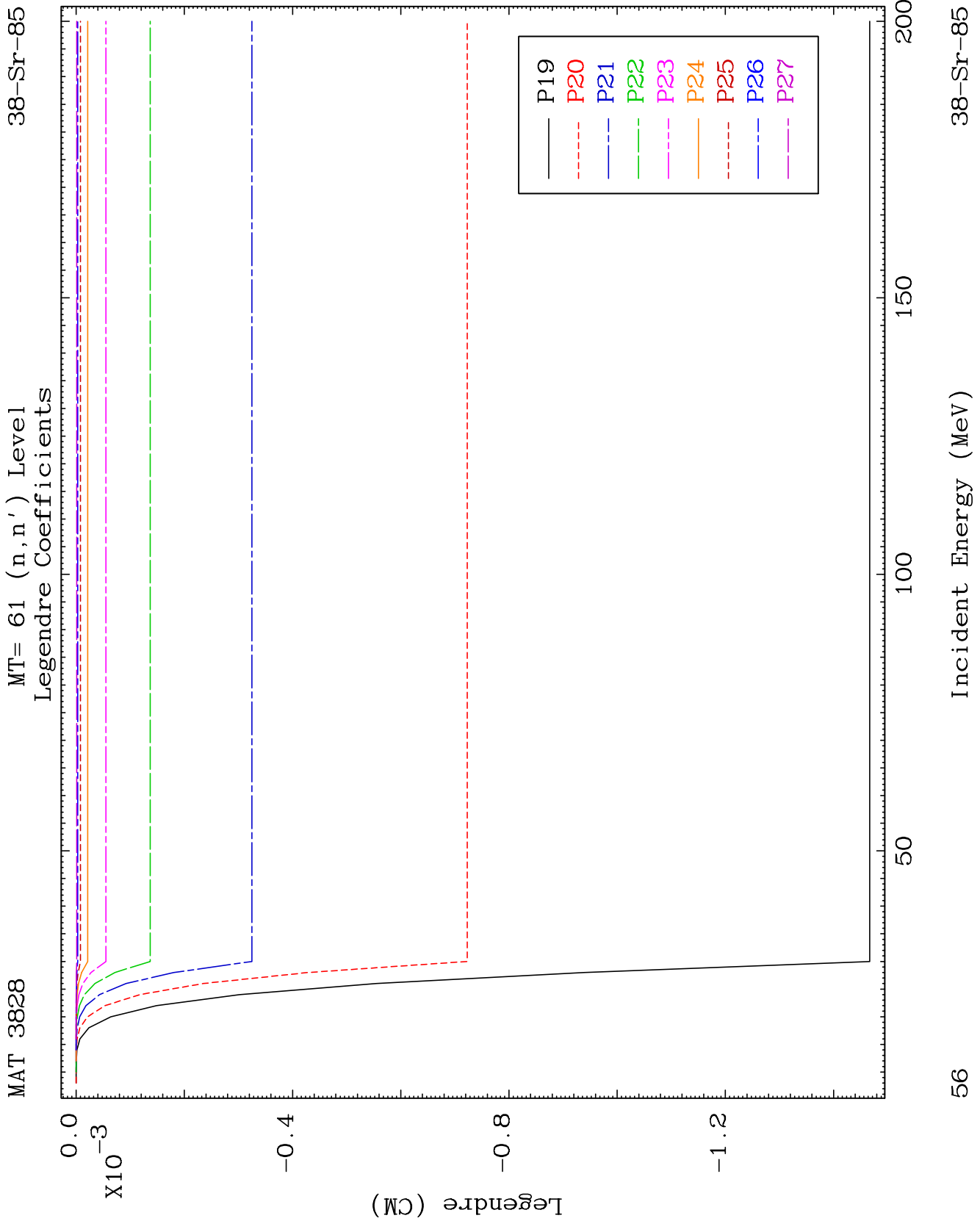


54

Incident Energy (MeV)

38-Sr-85

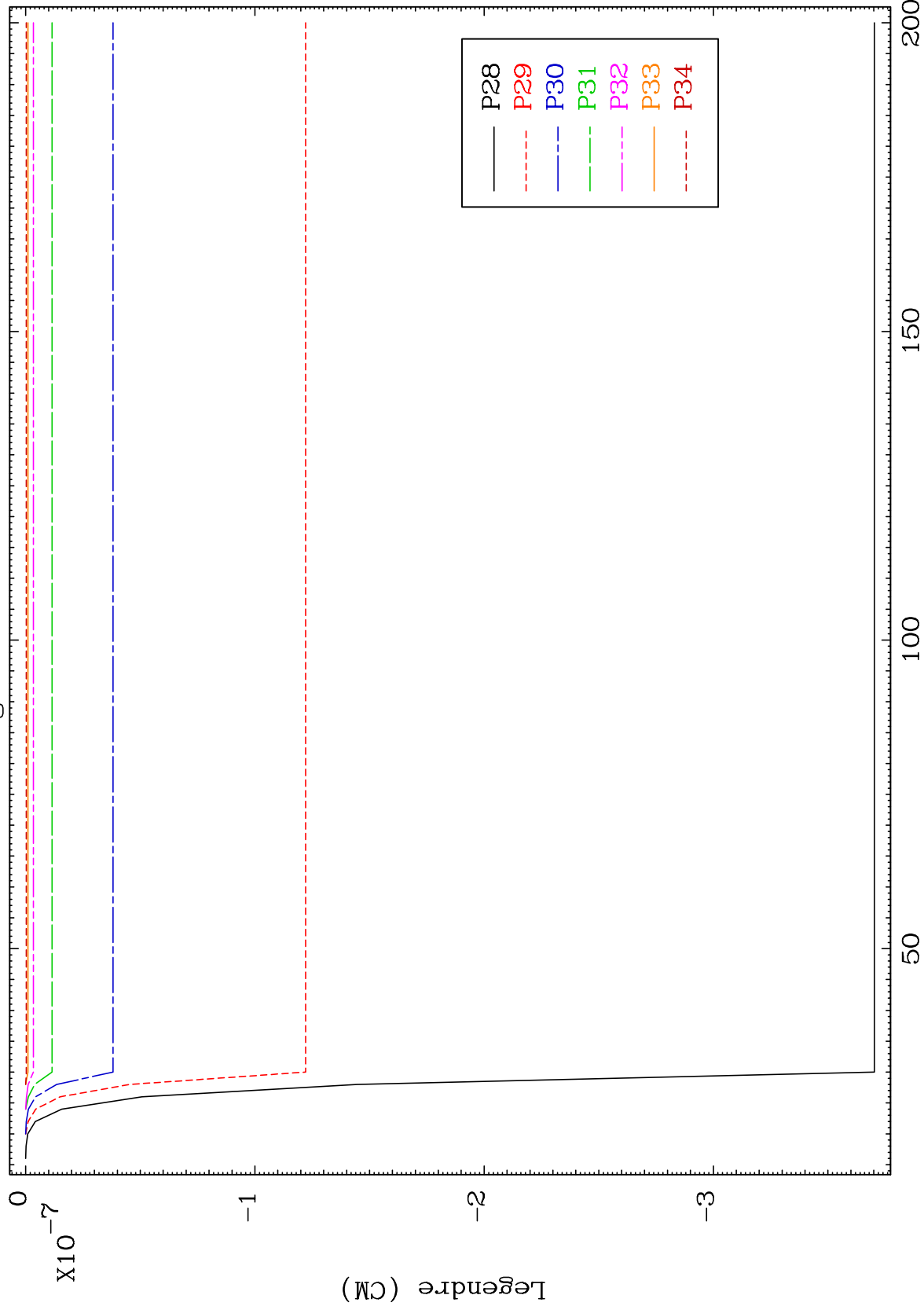




MAT 3828

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

38-Sr-85



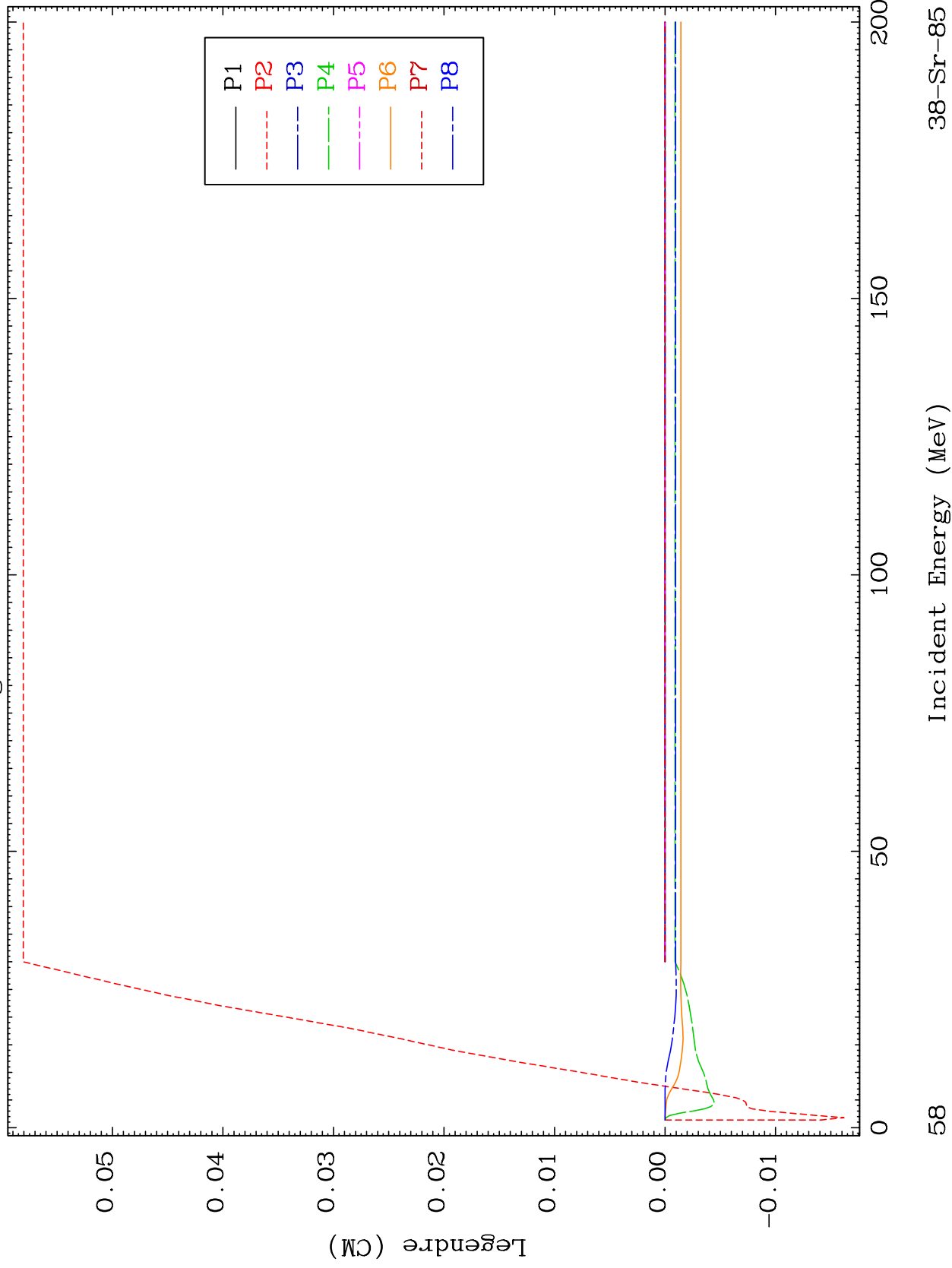
57

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

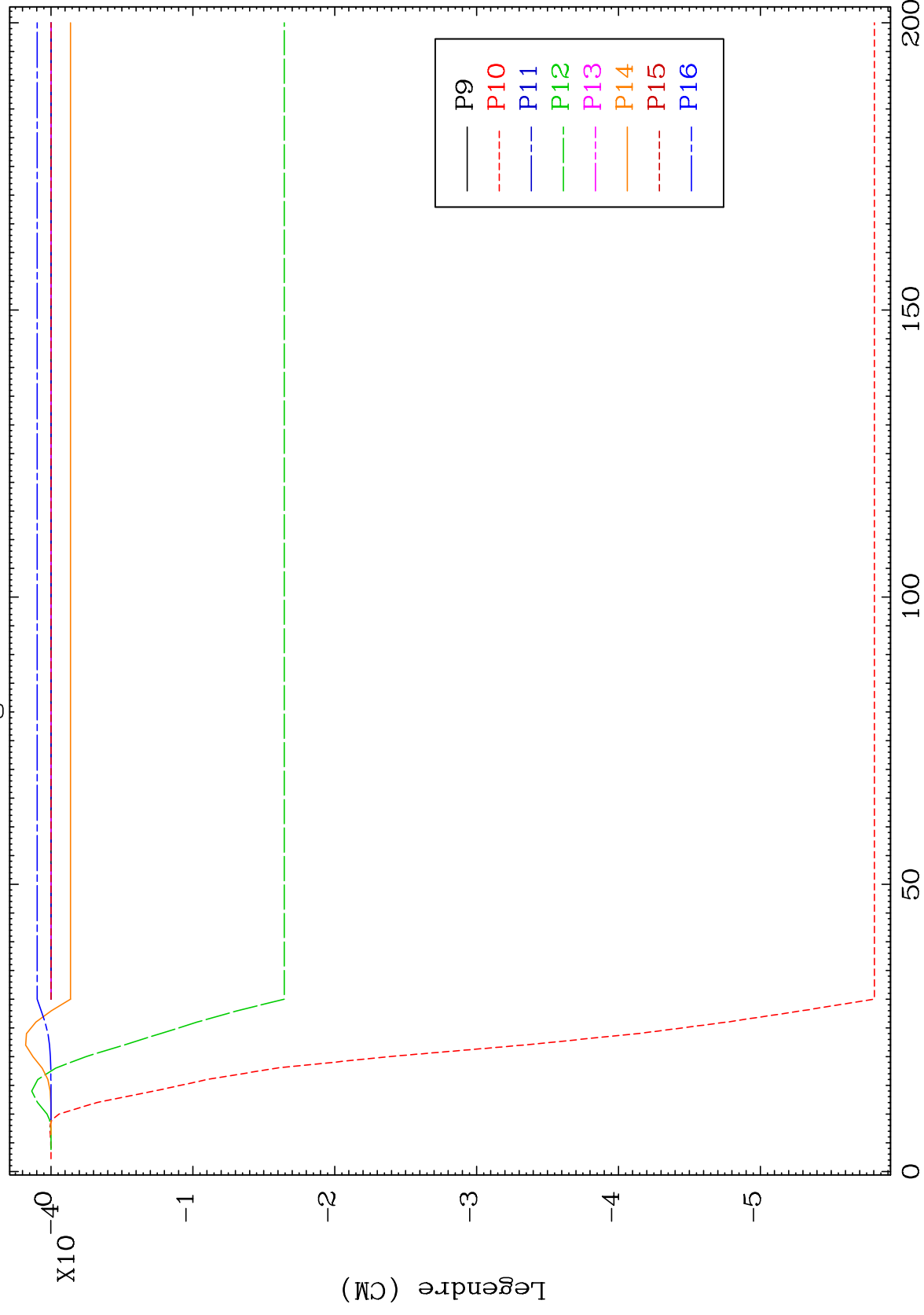
Incident Energy (MeV)

58

MAT 3828

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

38-Sr-85



59

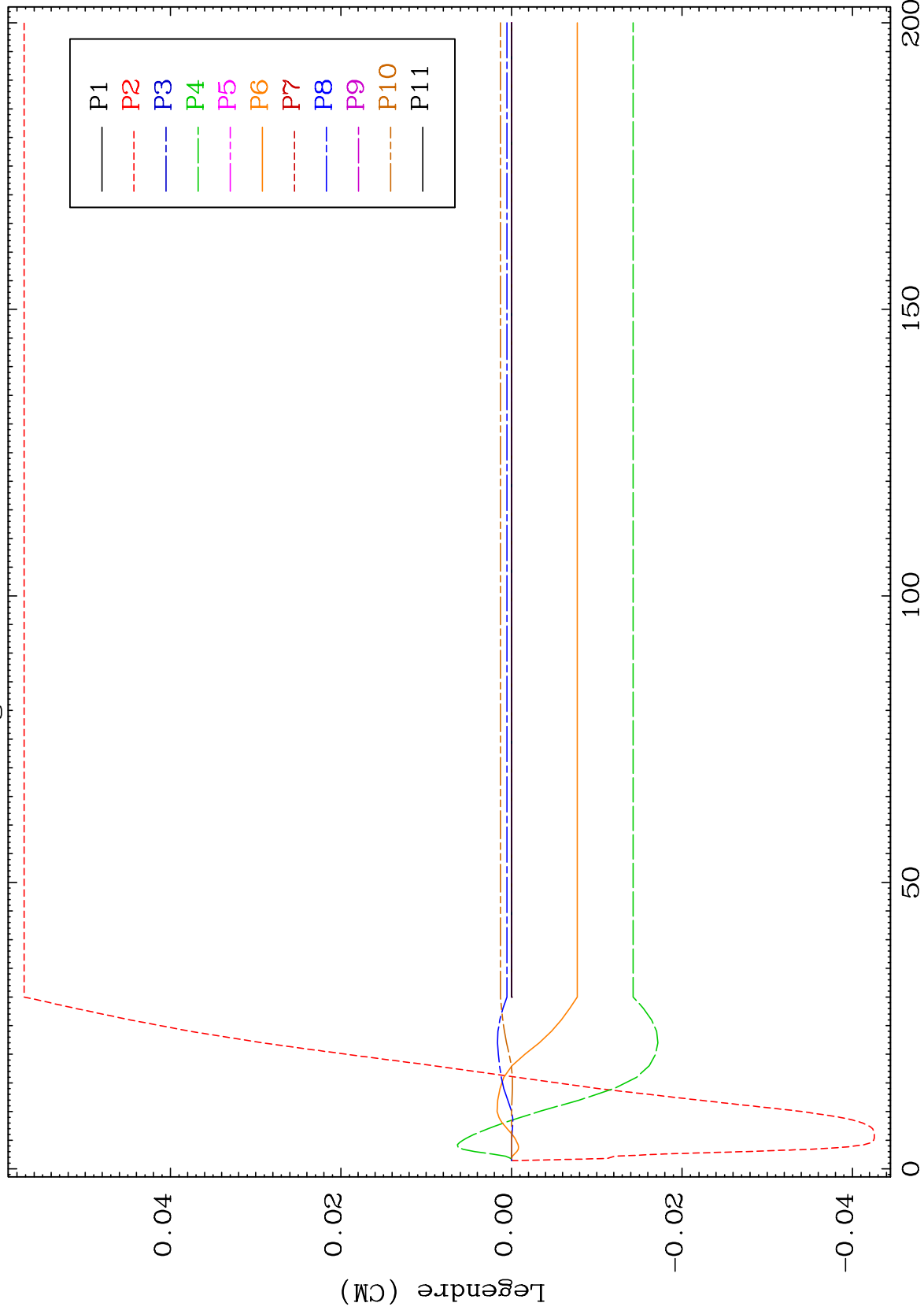
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

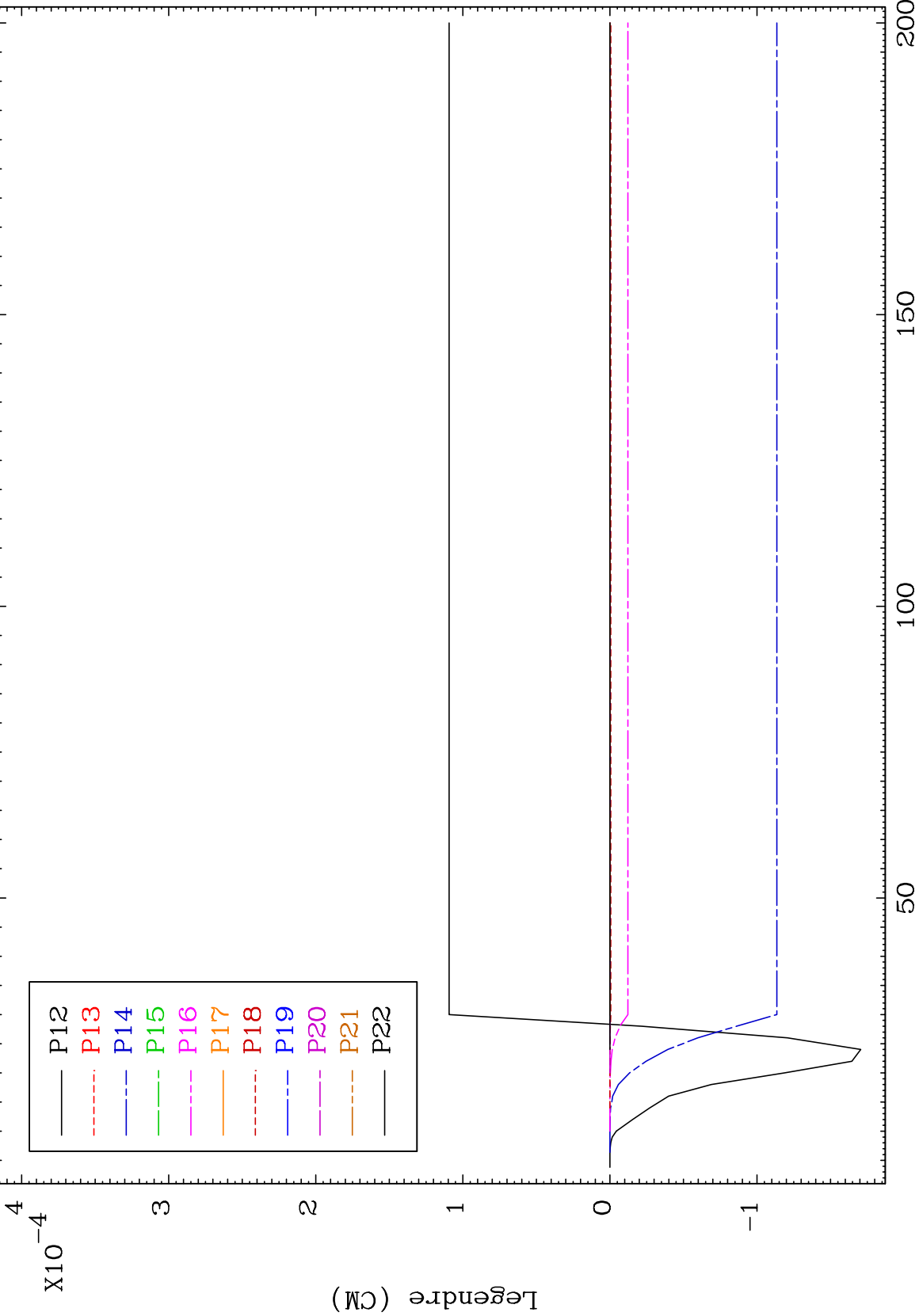
Incident Energy (MeV)

61

MAT 3828

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

38-Sr-85



62

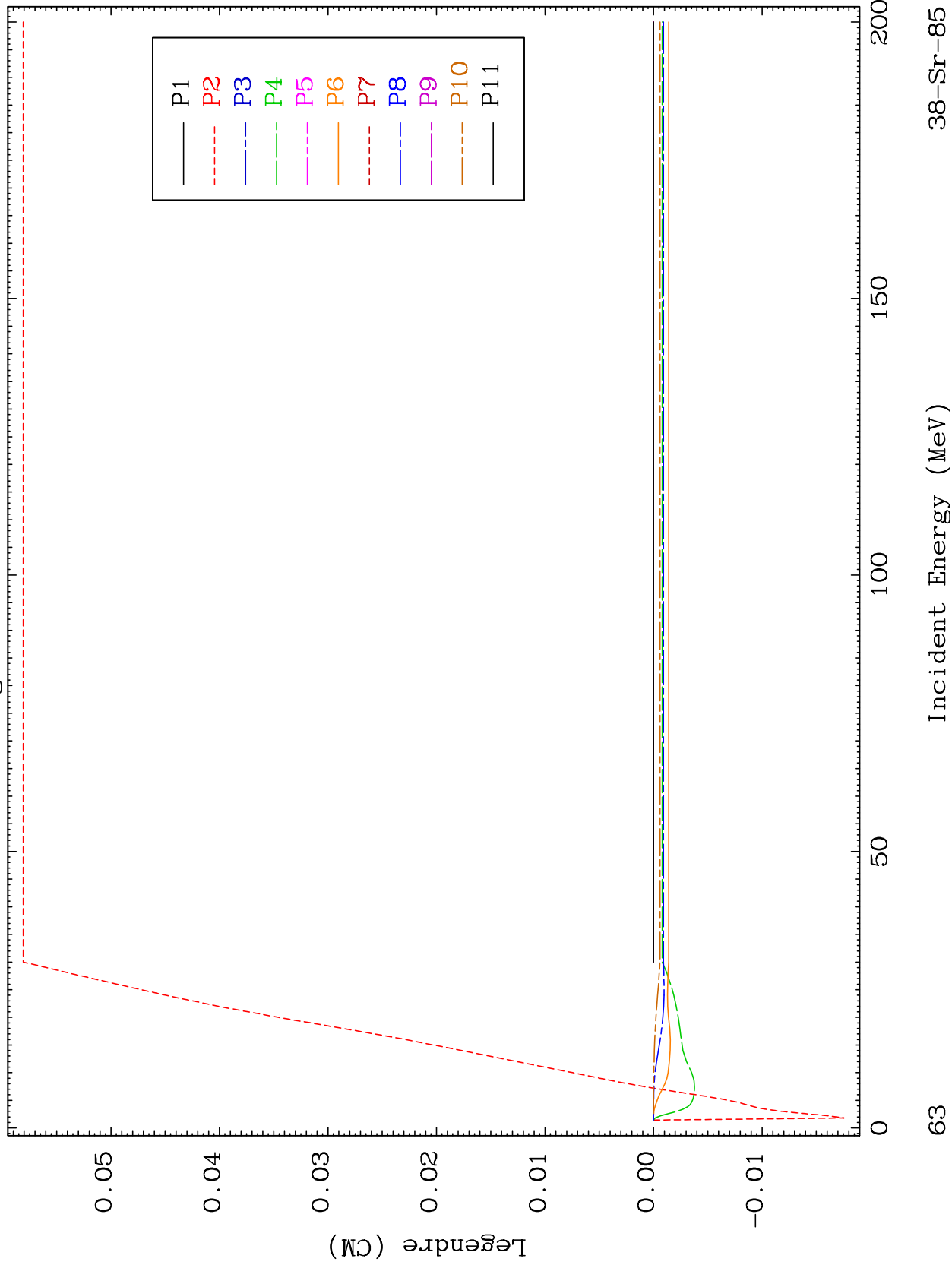
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

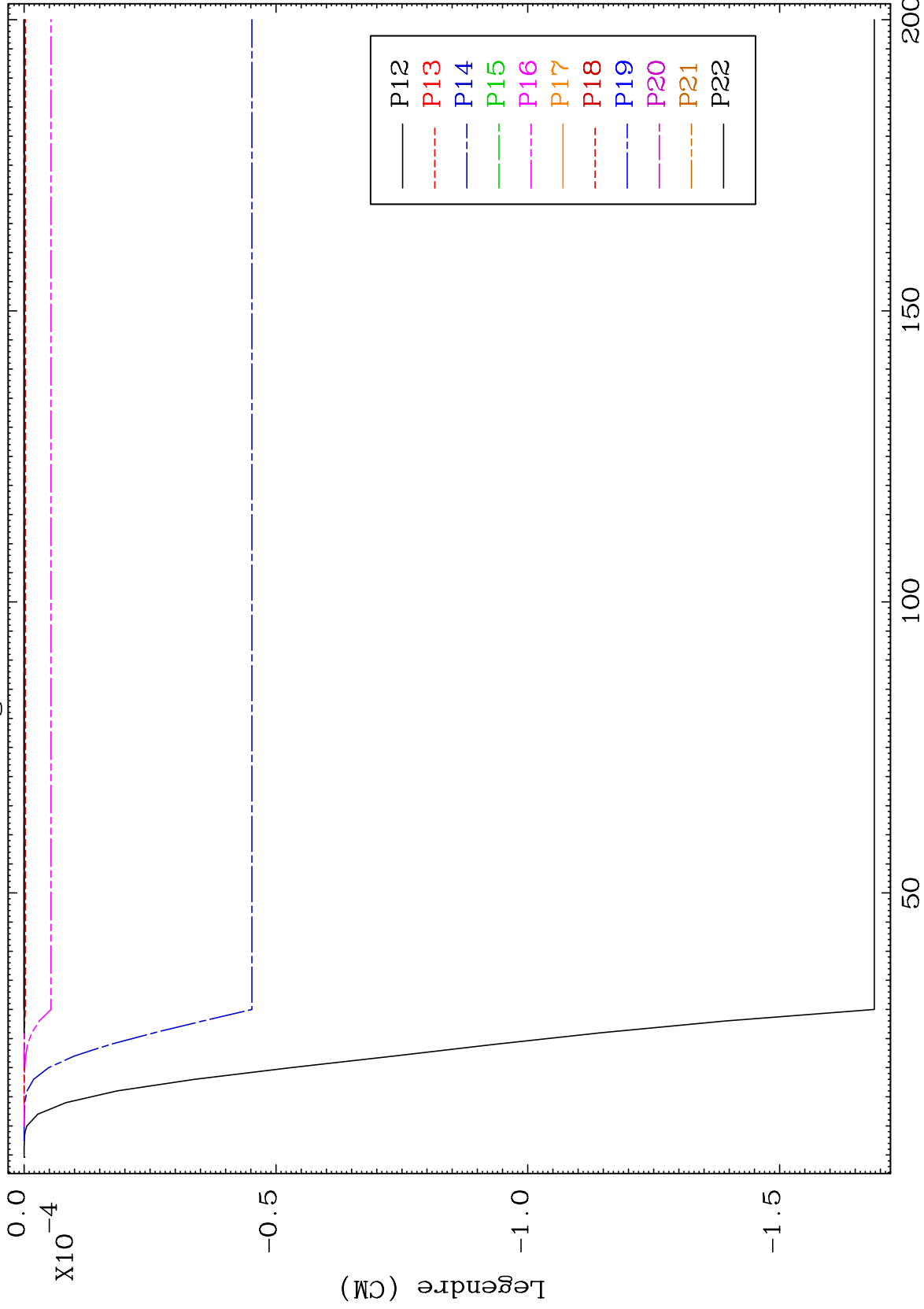
Incident Energy (MeV)

63

MAT 3828

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

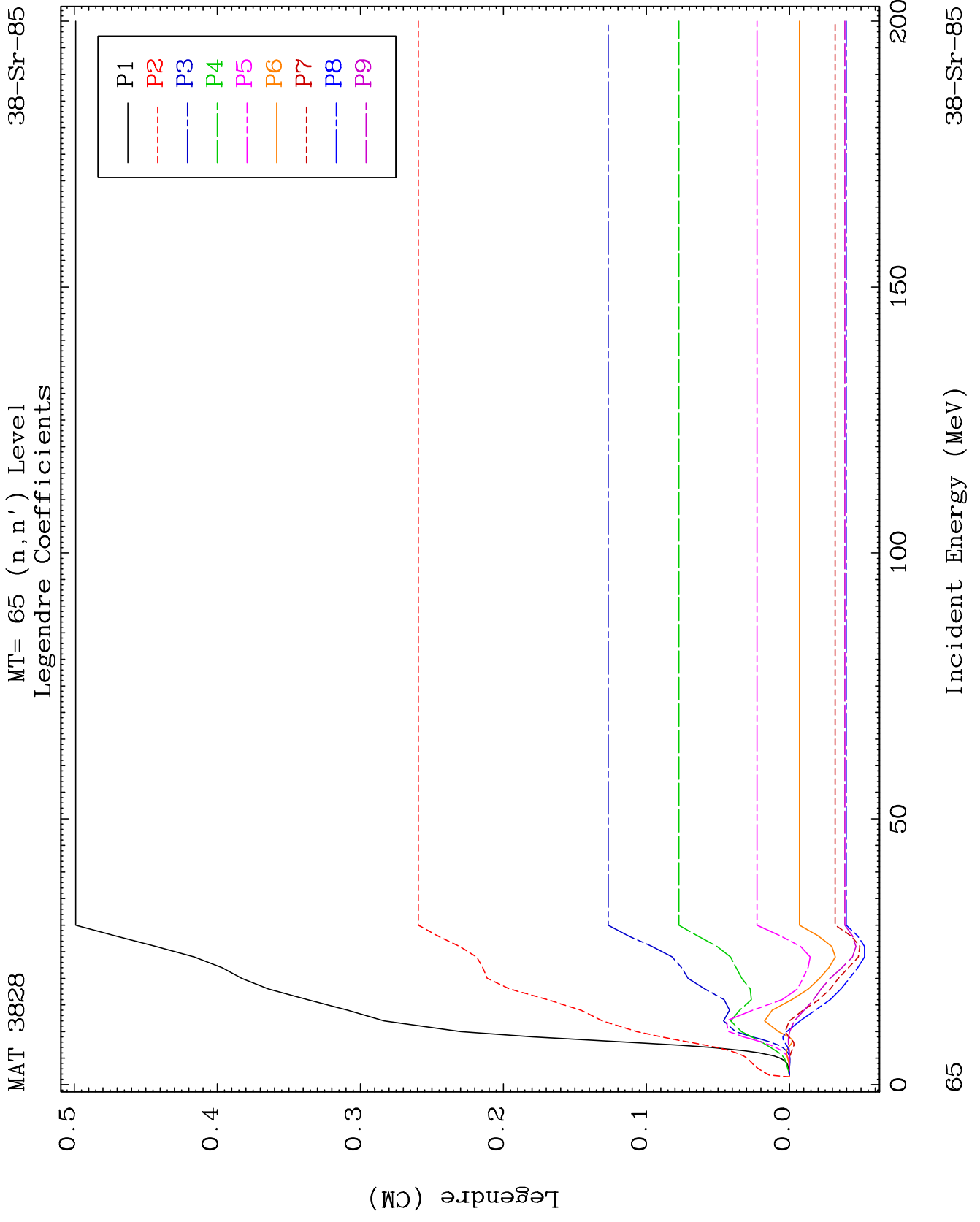
38-Sr-85



64

Incident Energy (MeV)

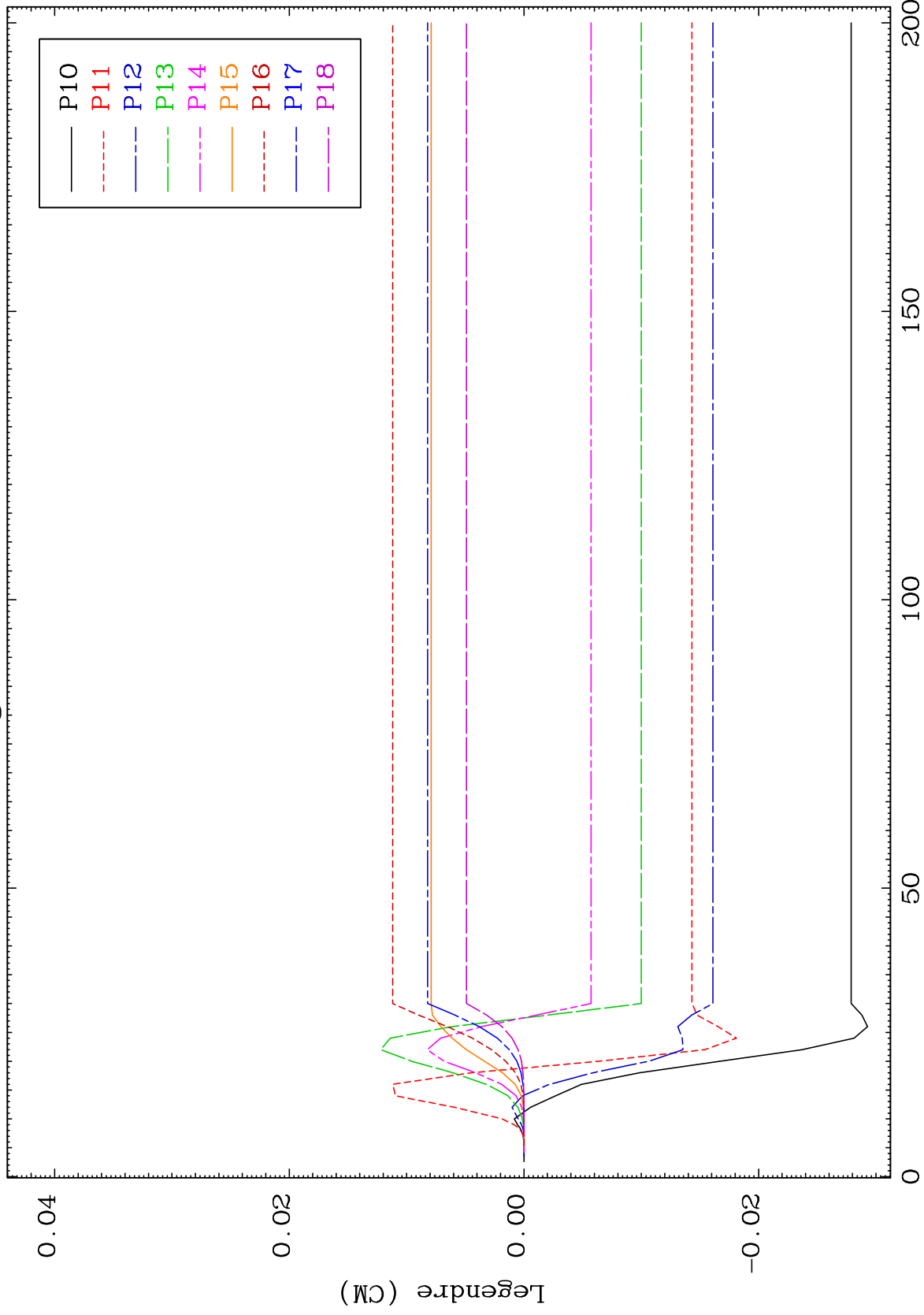
38-Sr-85



MAT 3828

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

38-Sr-85



66

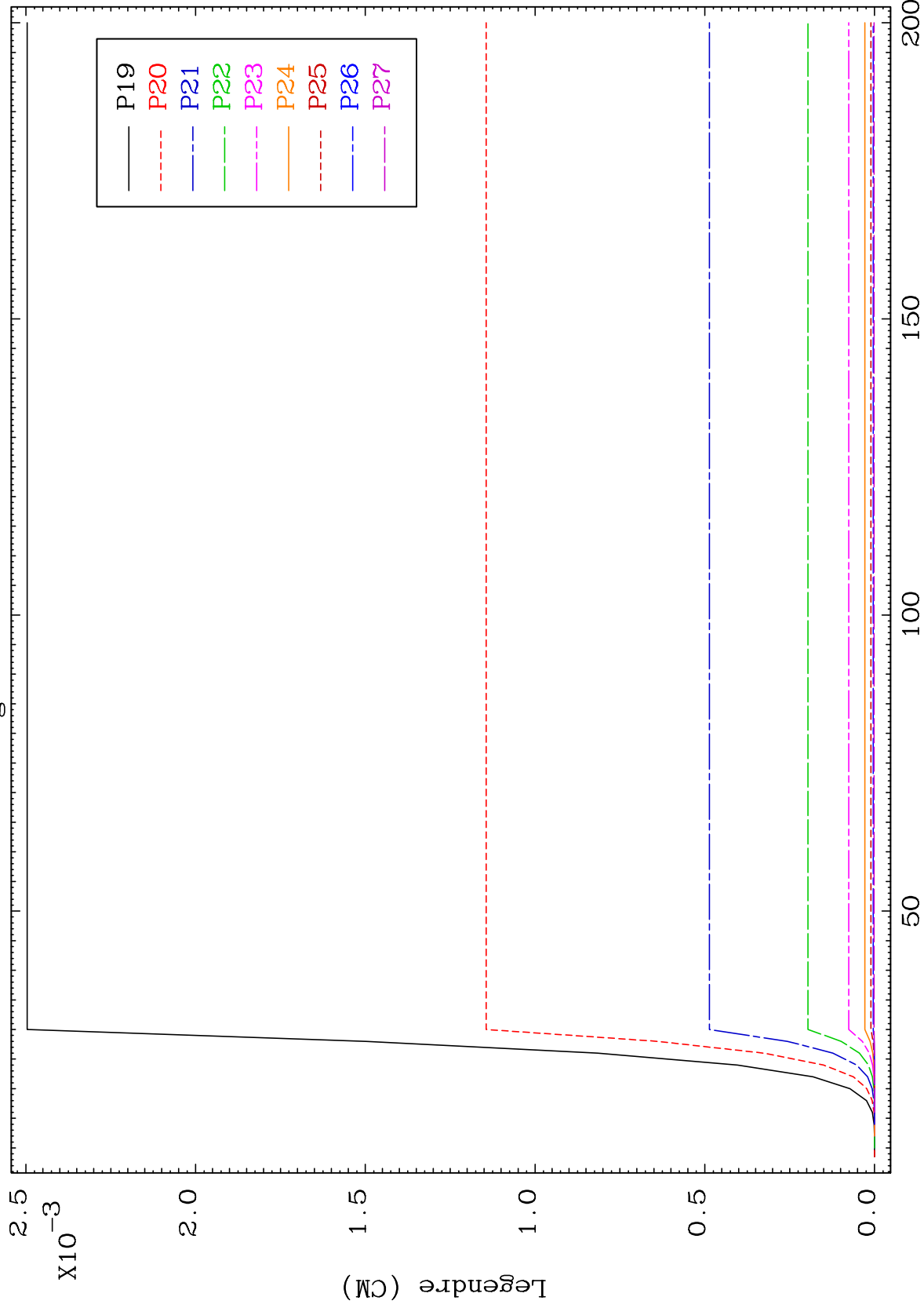
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



67

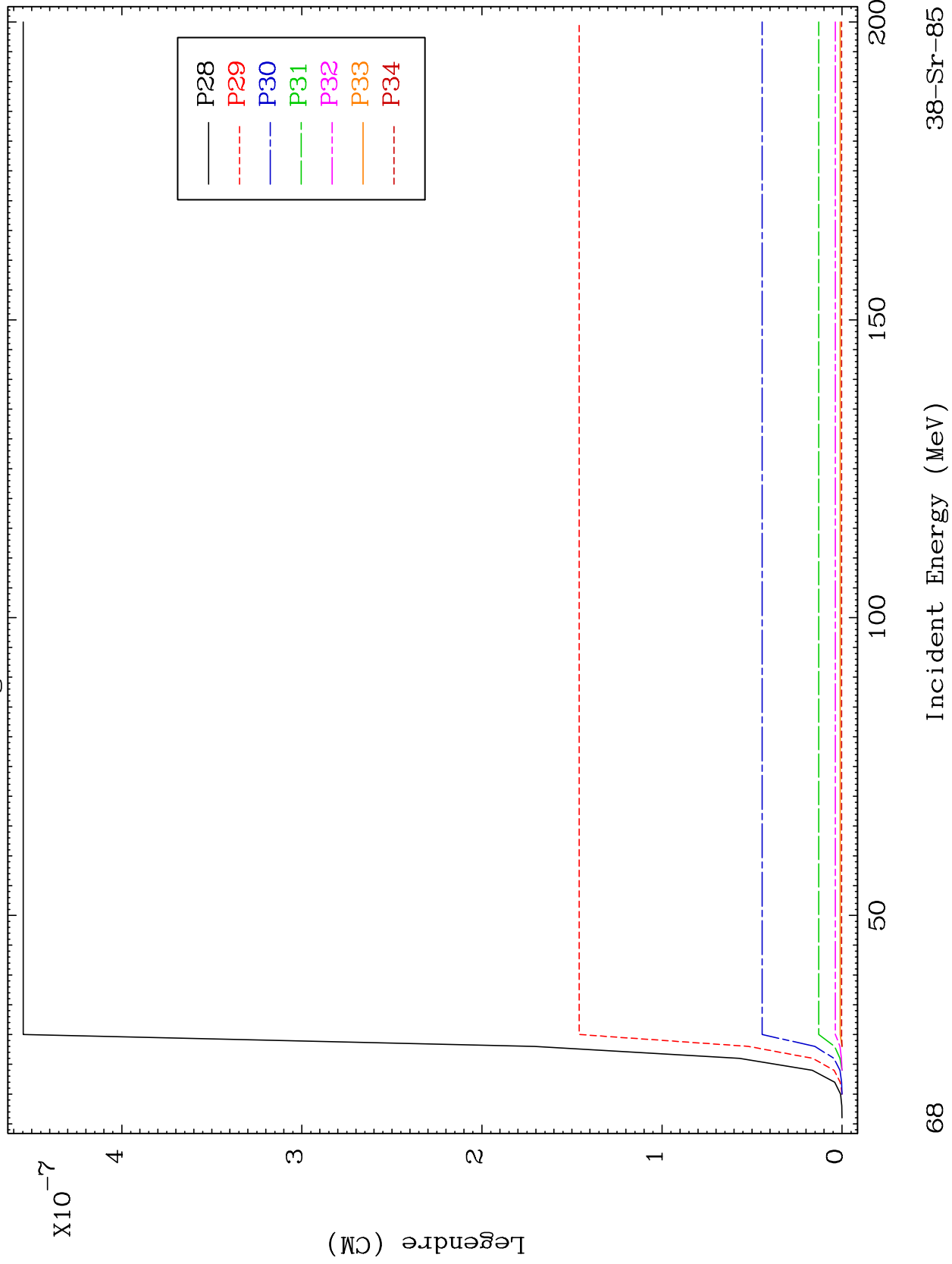
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

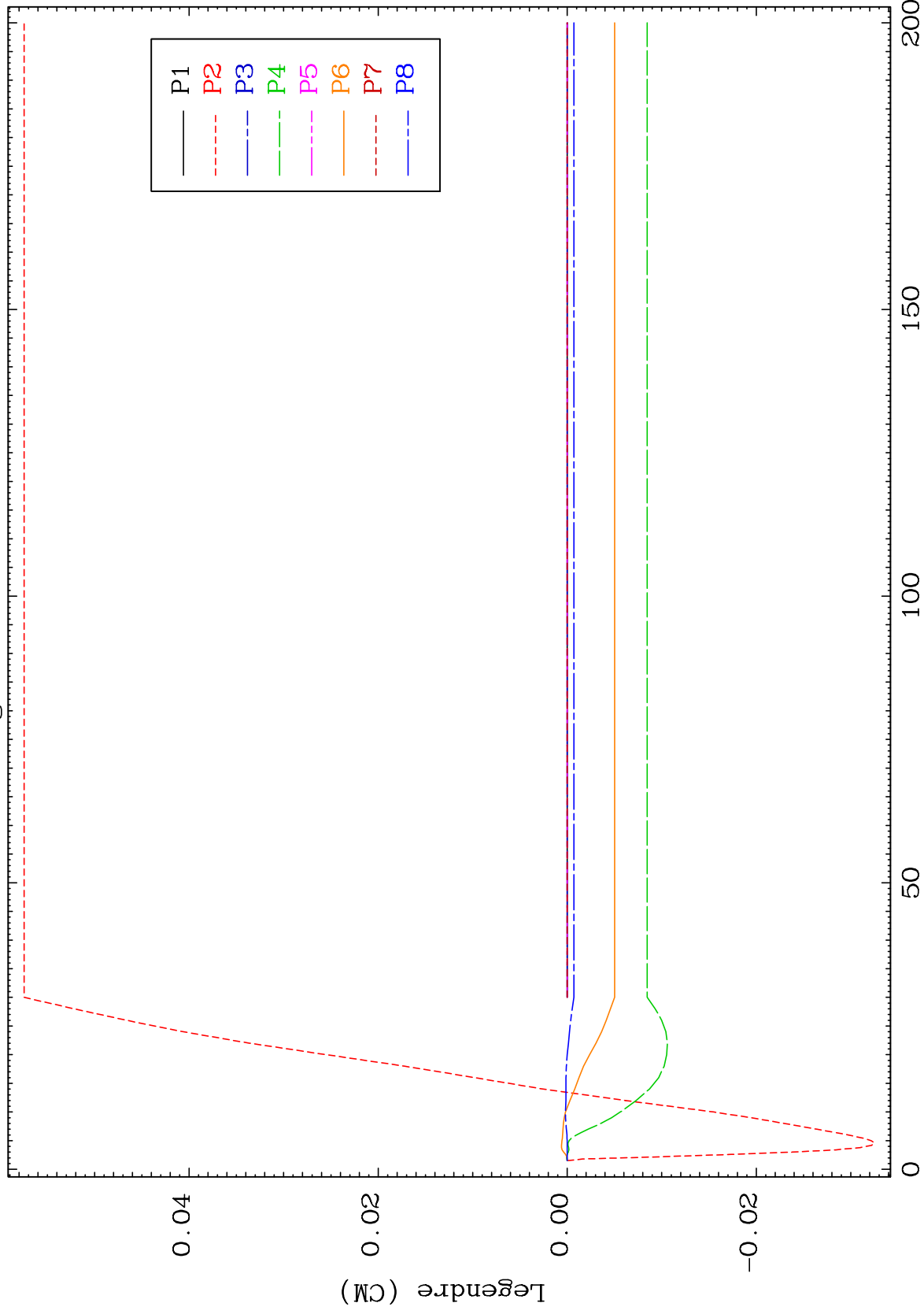
38-Sr-85



MAT 3828

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

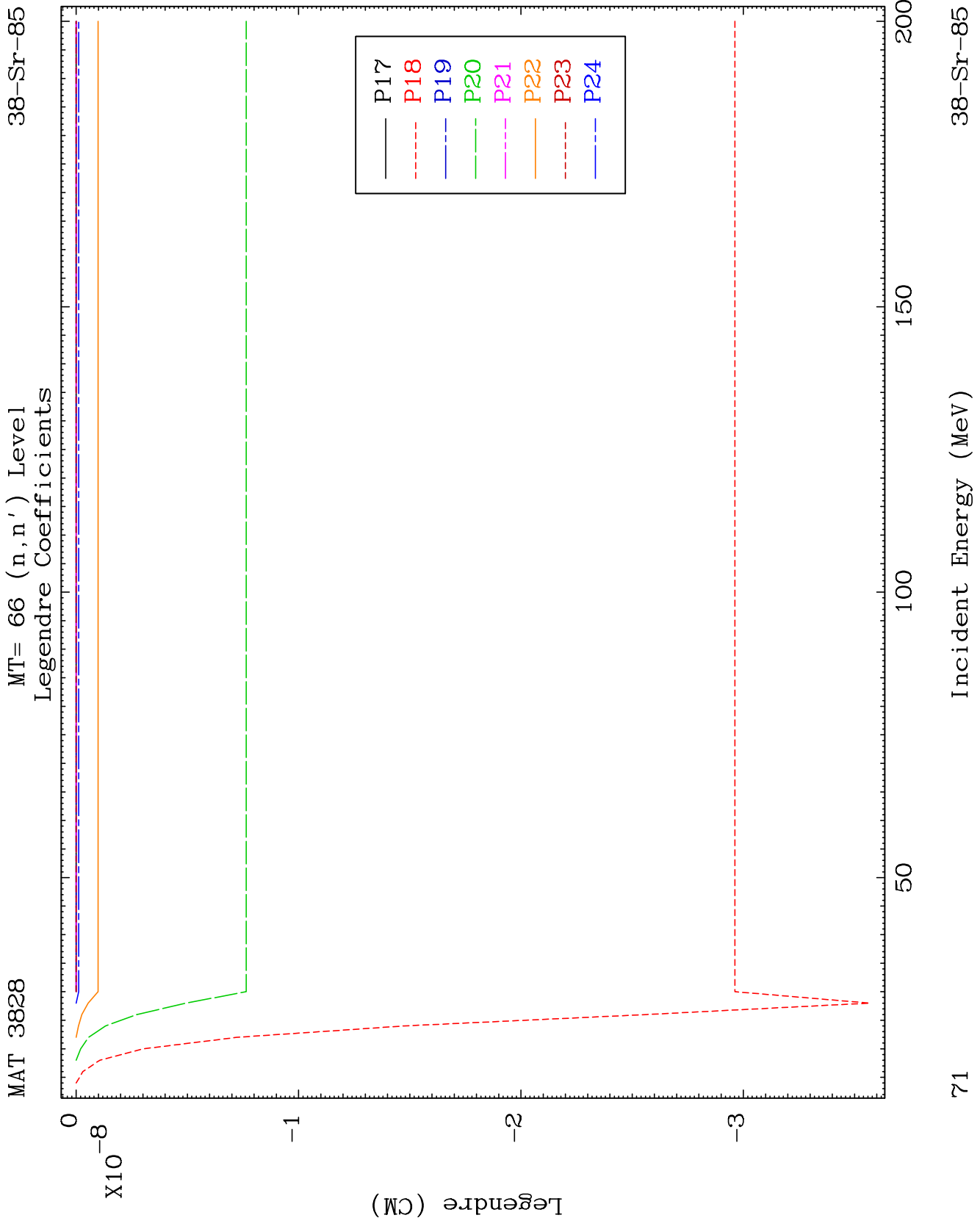
38-Sr-85



38-Sr-85

Incident Energy (MeV)

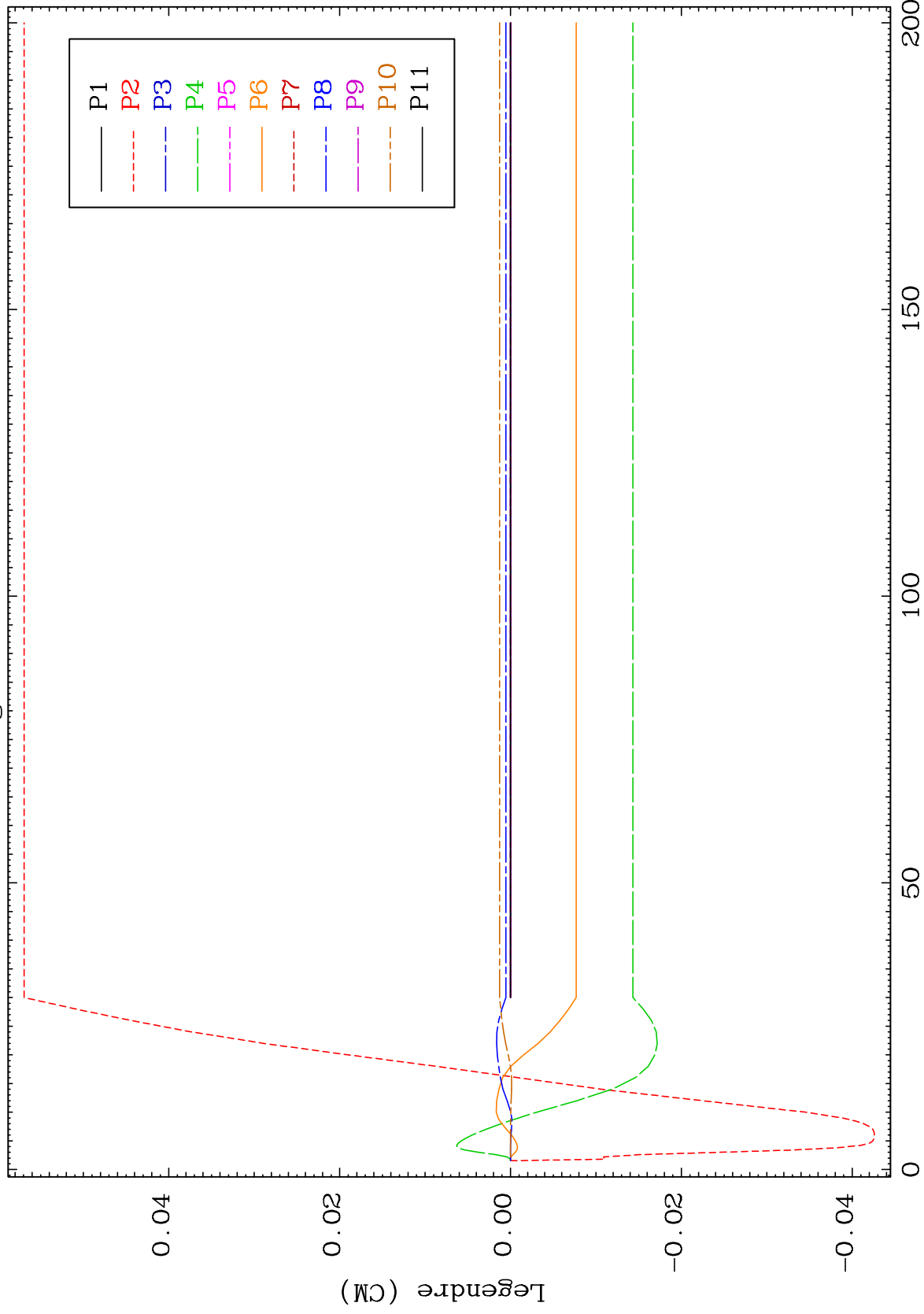
69



MAT 3828

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

38-Sr-85



72

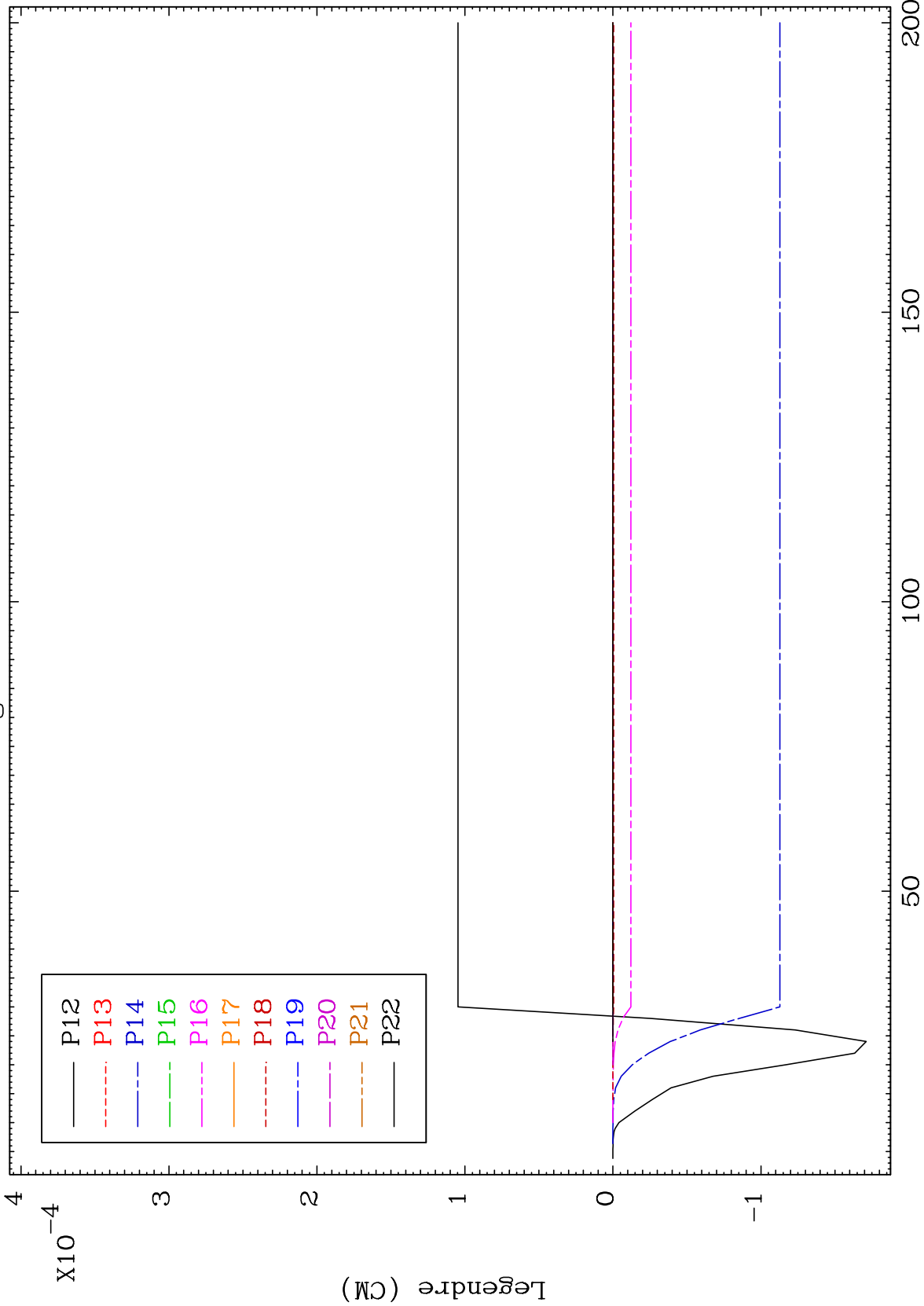
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



73

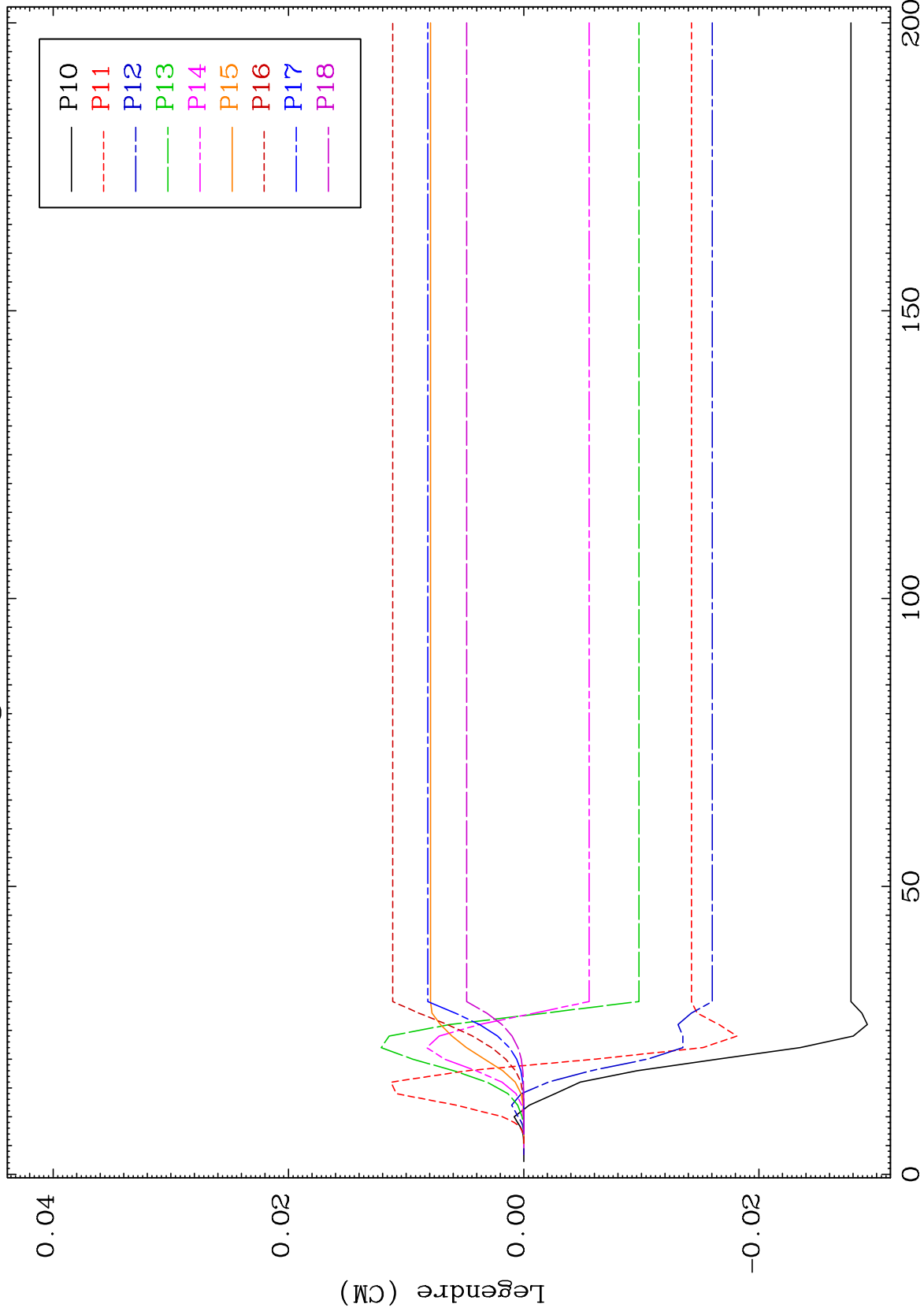
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



75

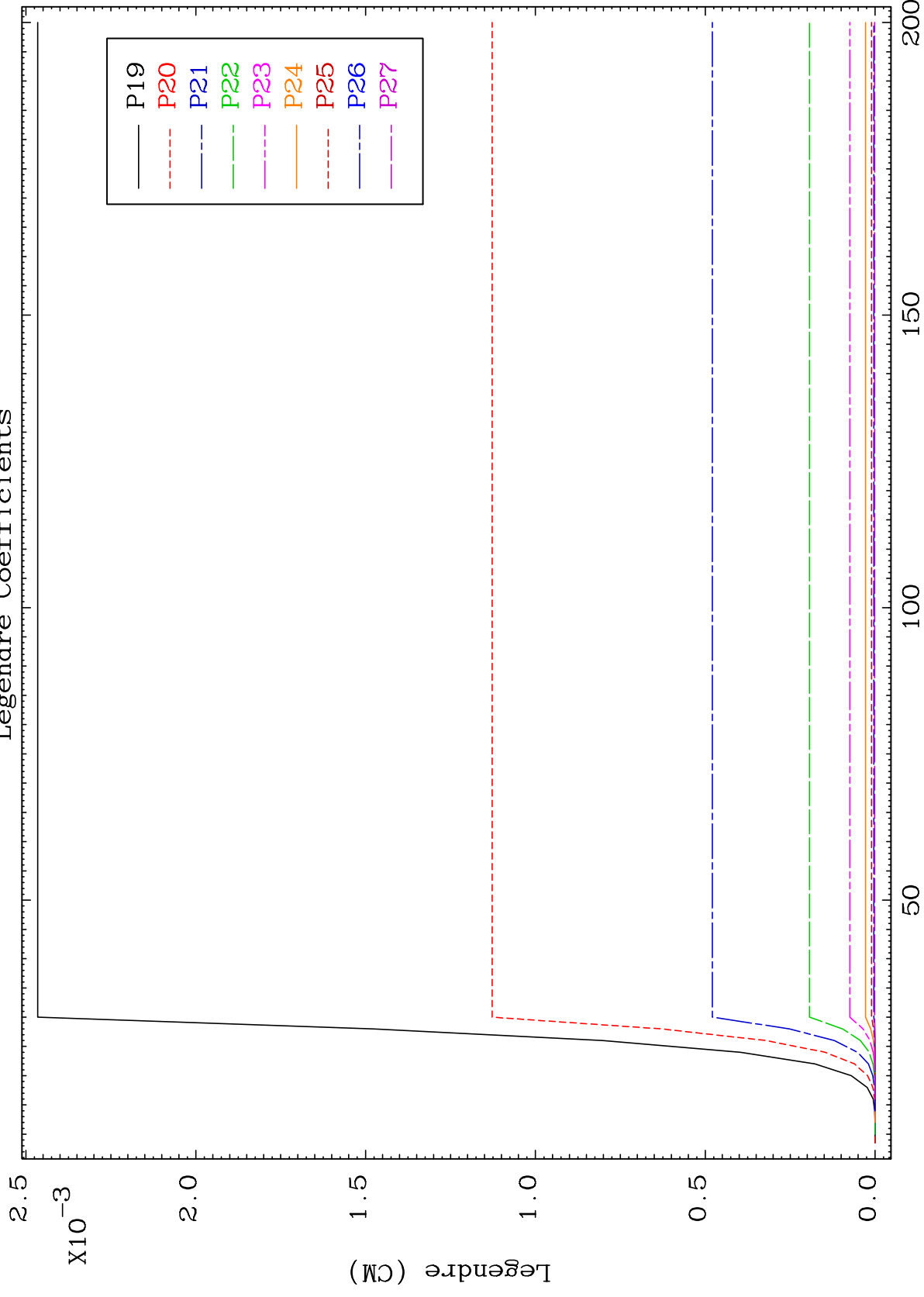
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



76

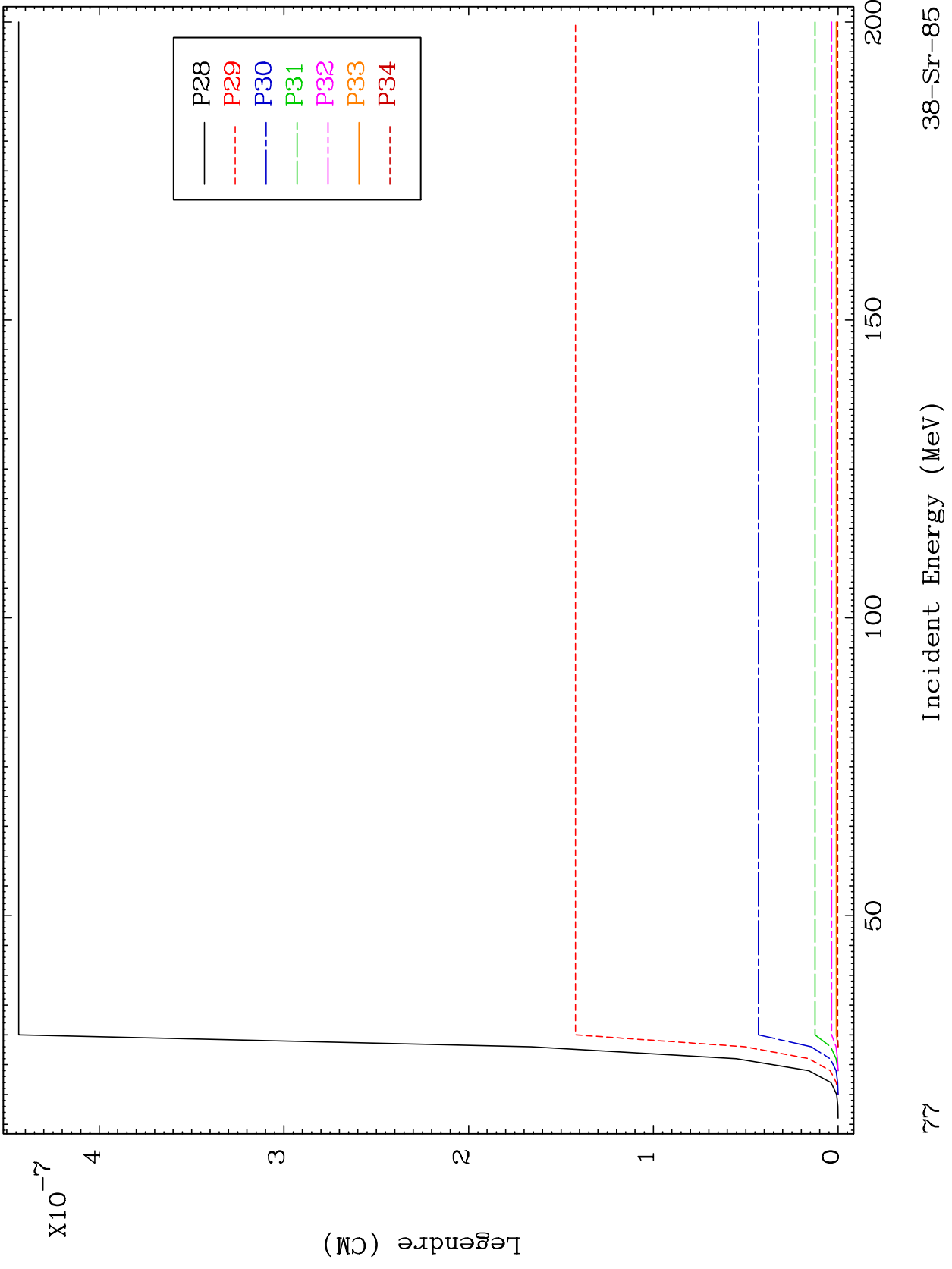
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



77

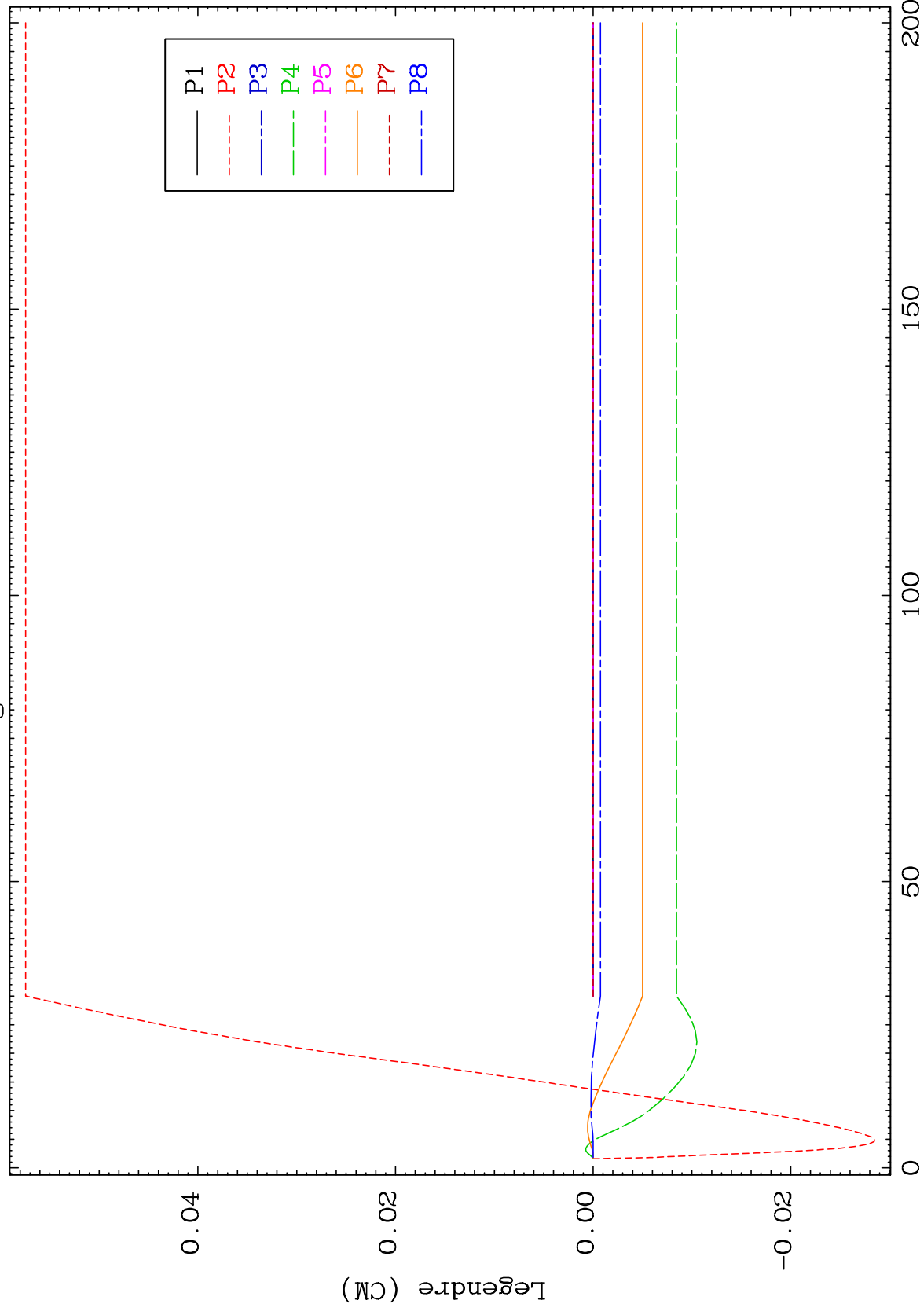
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



78

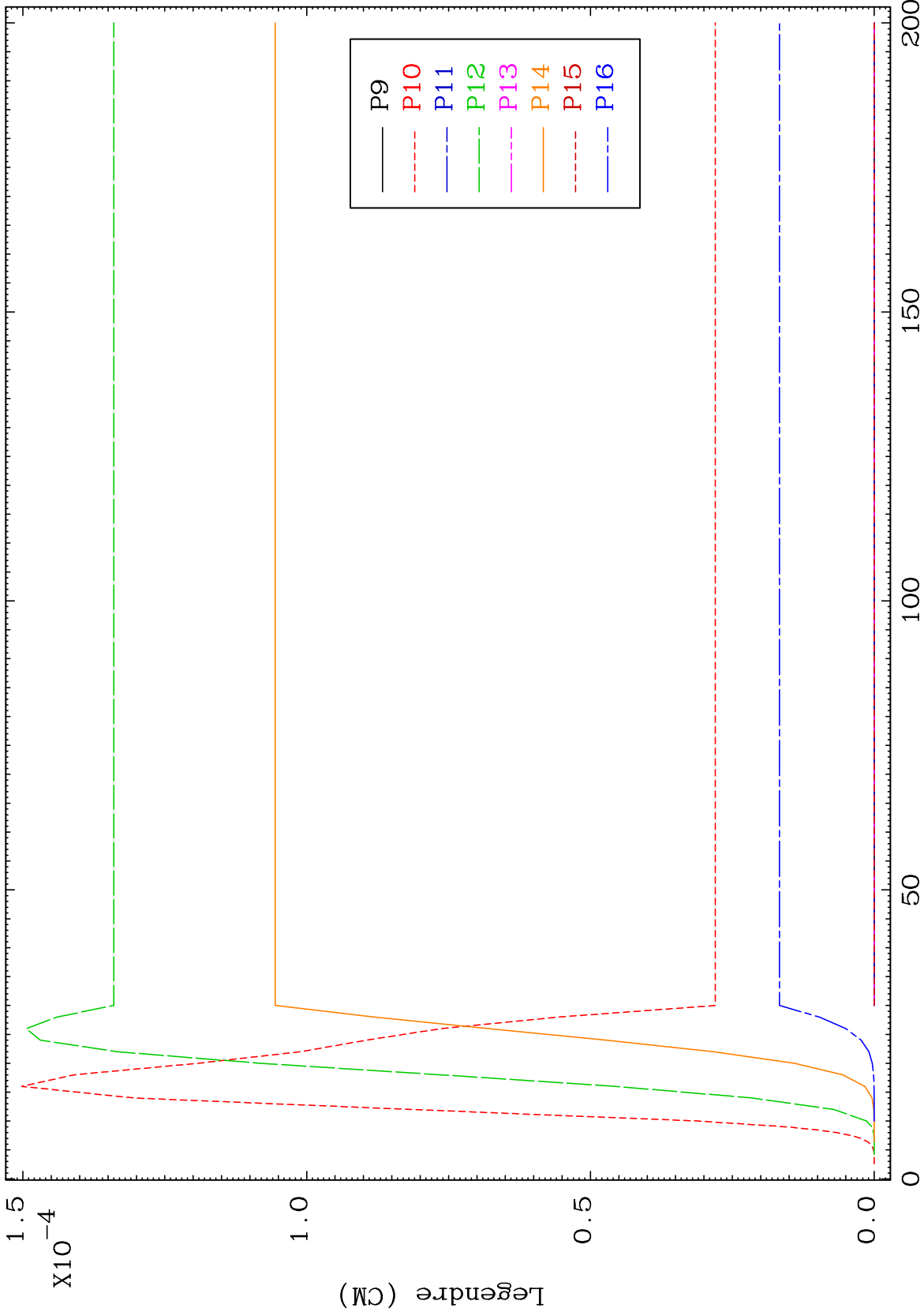
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



79

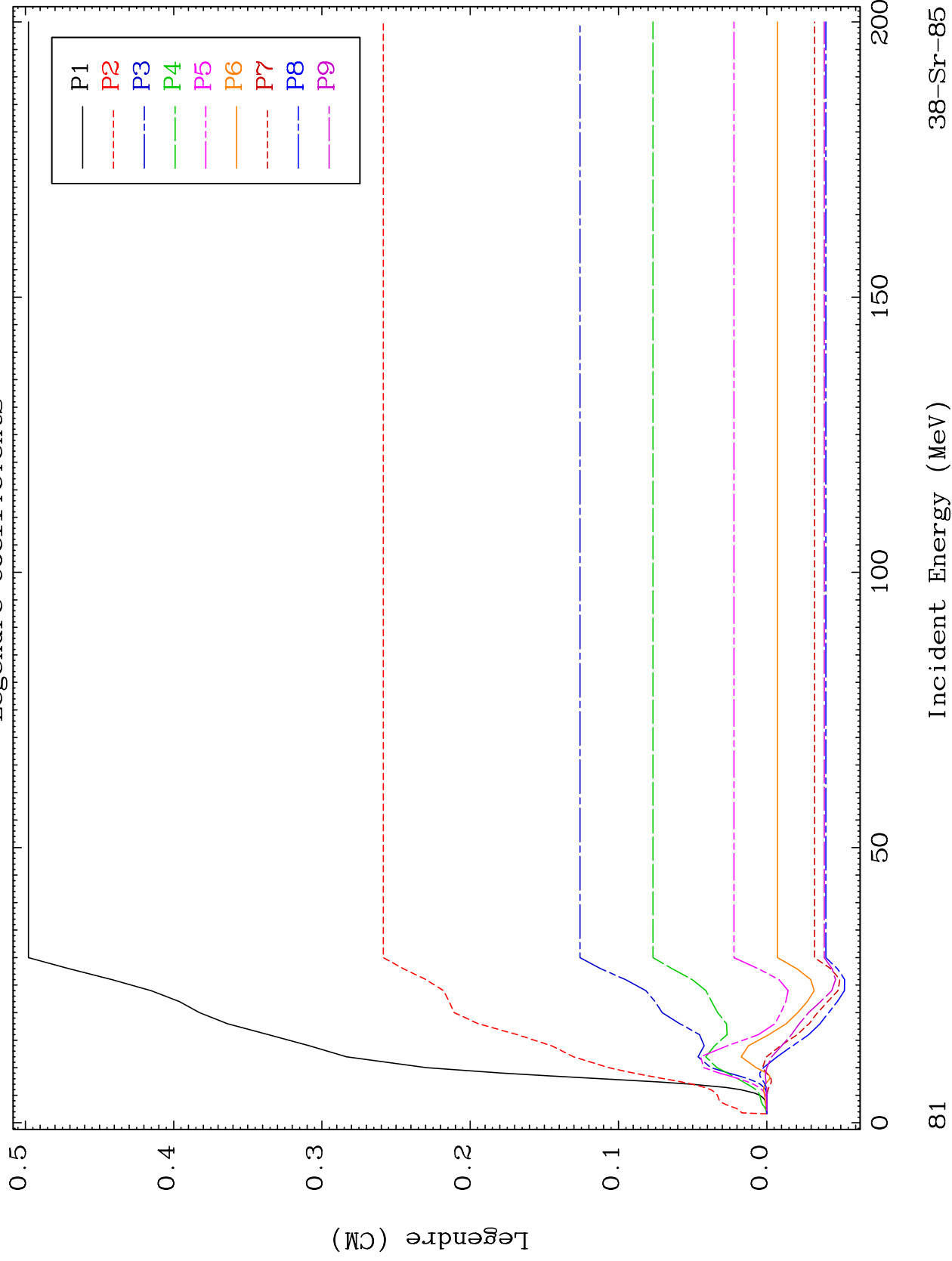
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85

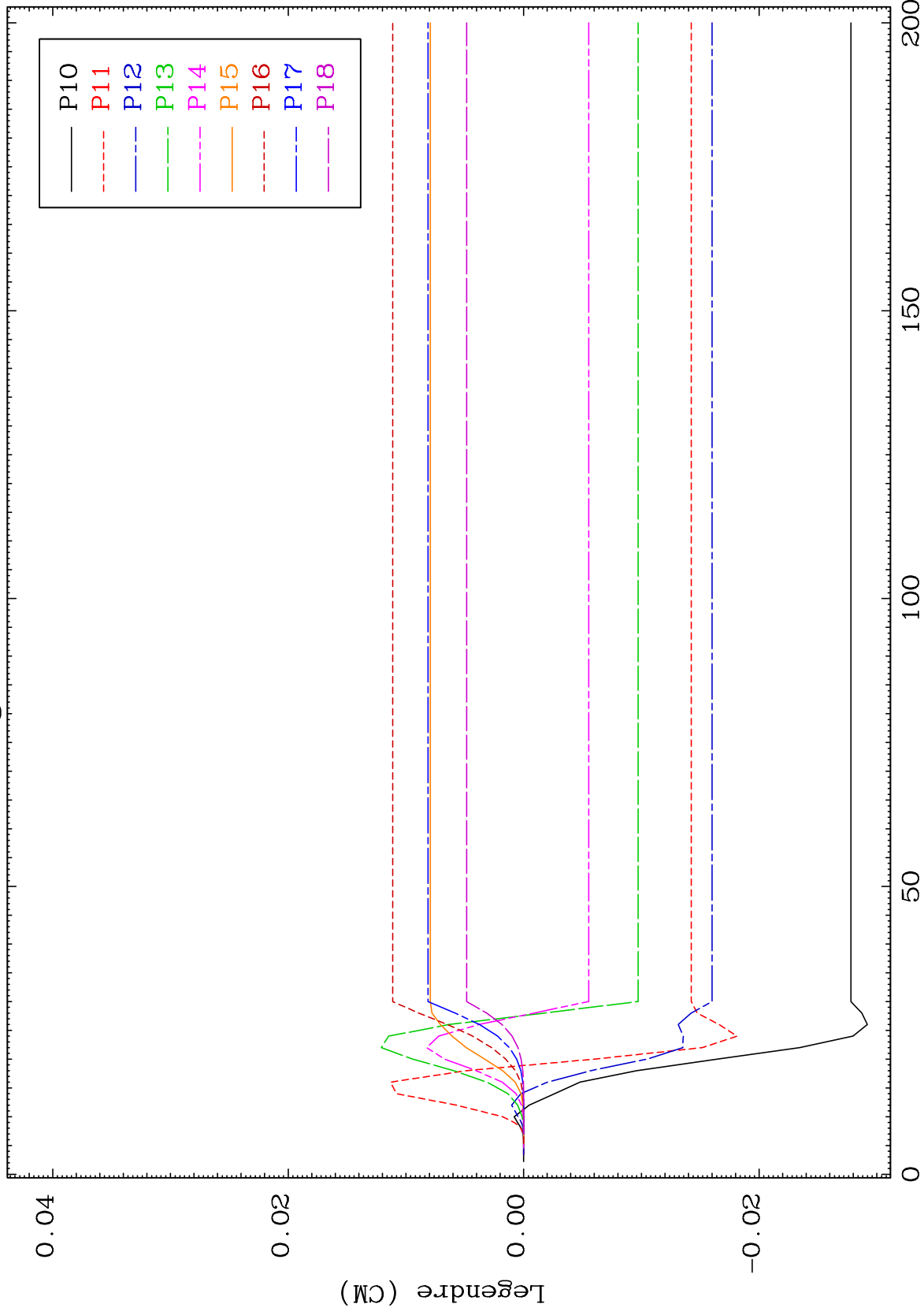


81

MAT 3828

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

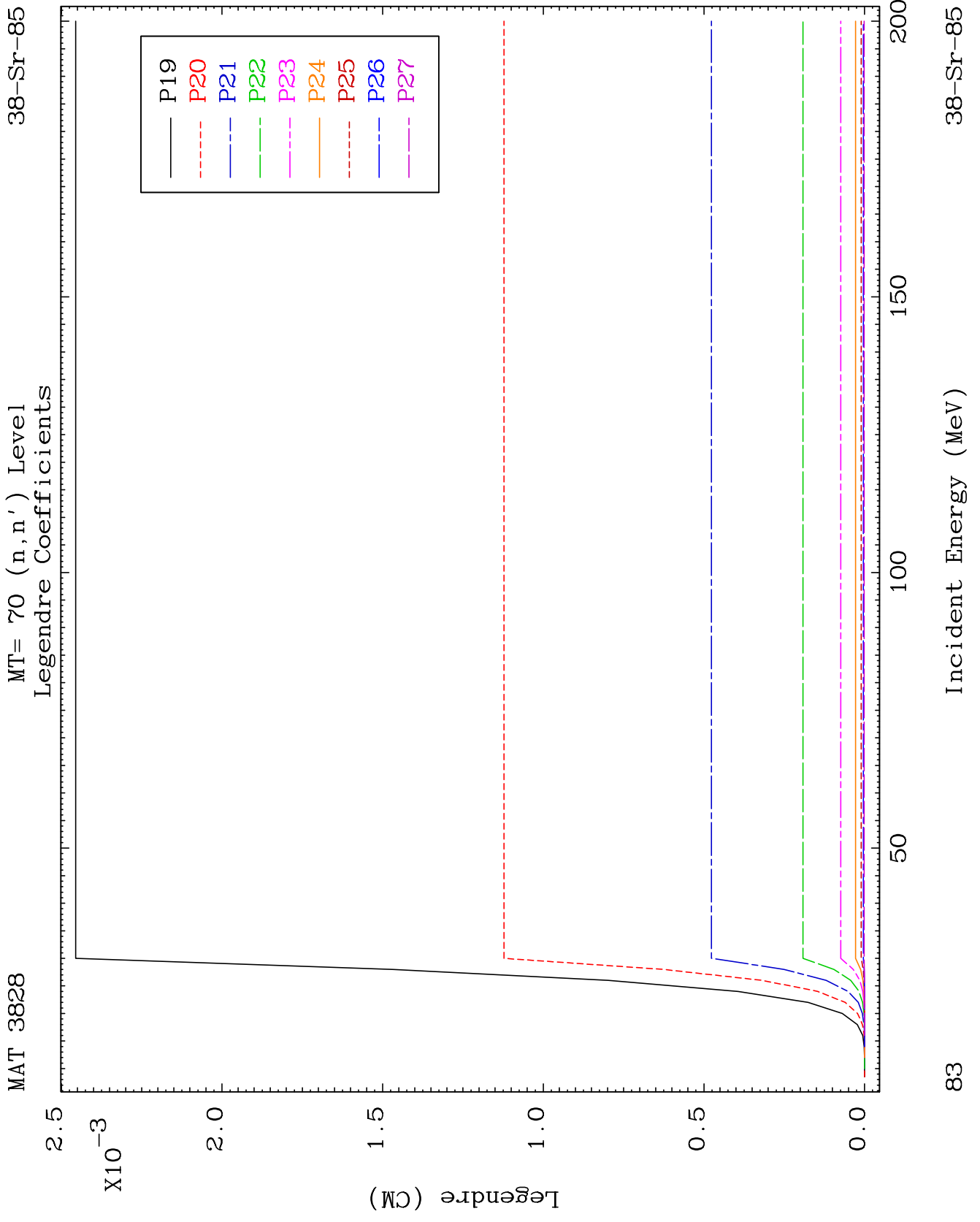
38-Sr-85



82

Incident Energy (MeV)

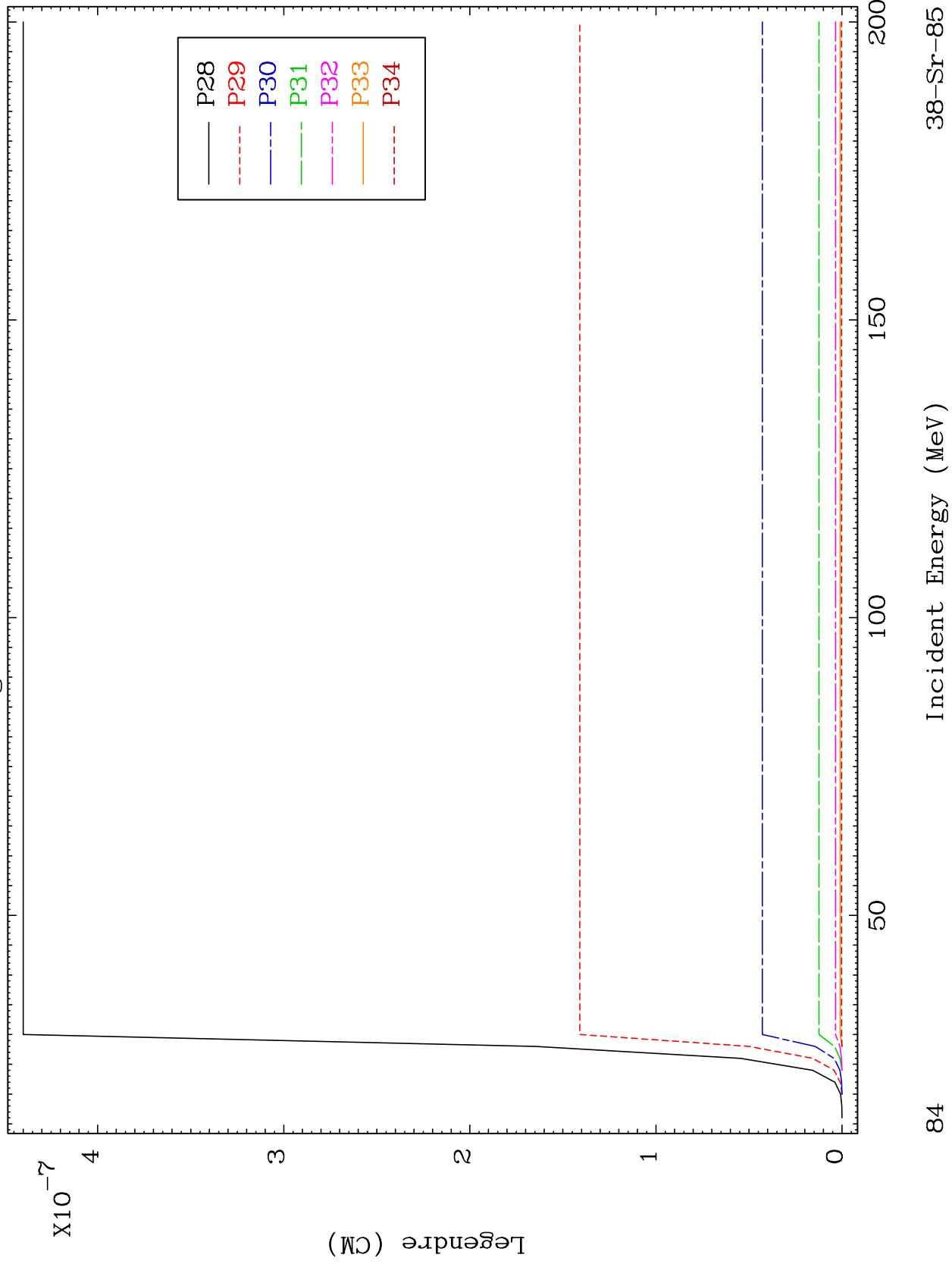
38-Sr-85



MAT 3828

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

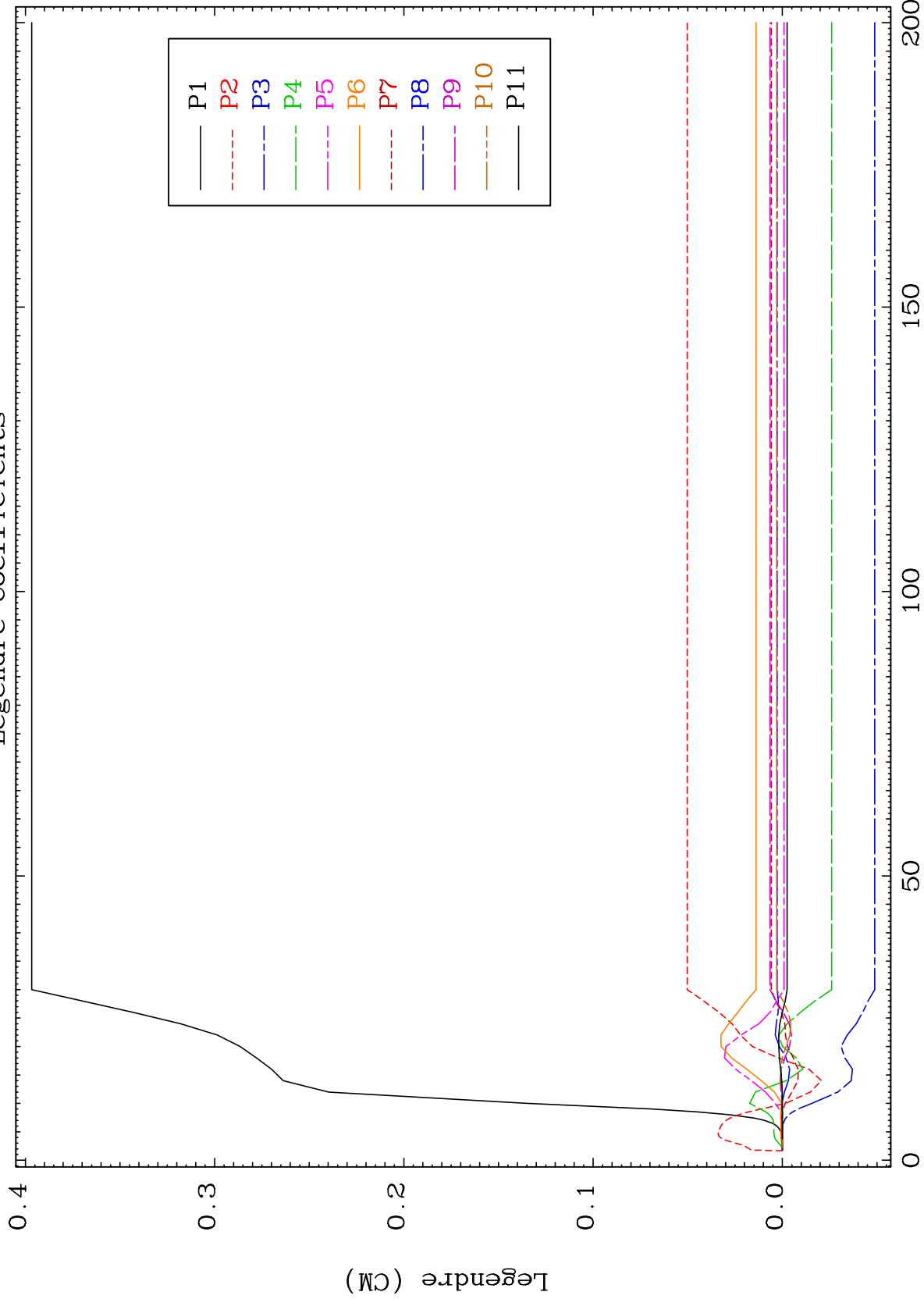
38-Sr-85



MAT 3828

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

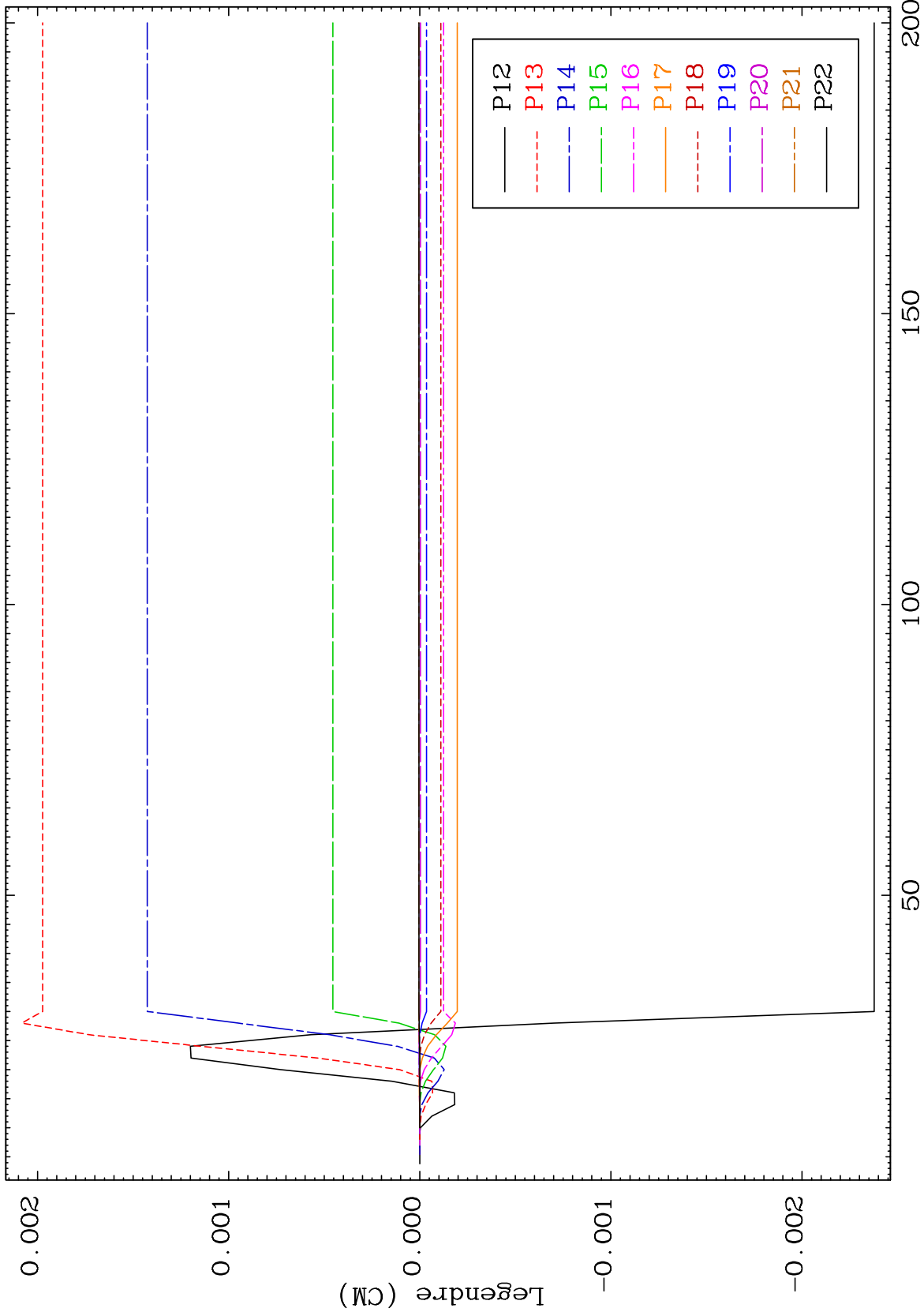
38-Sr-85



85

Incident Energy (MeV)

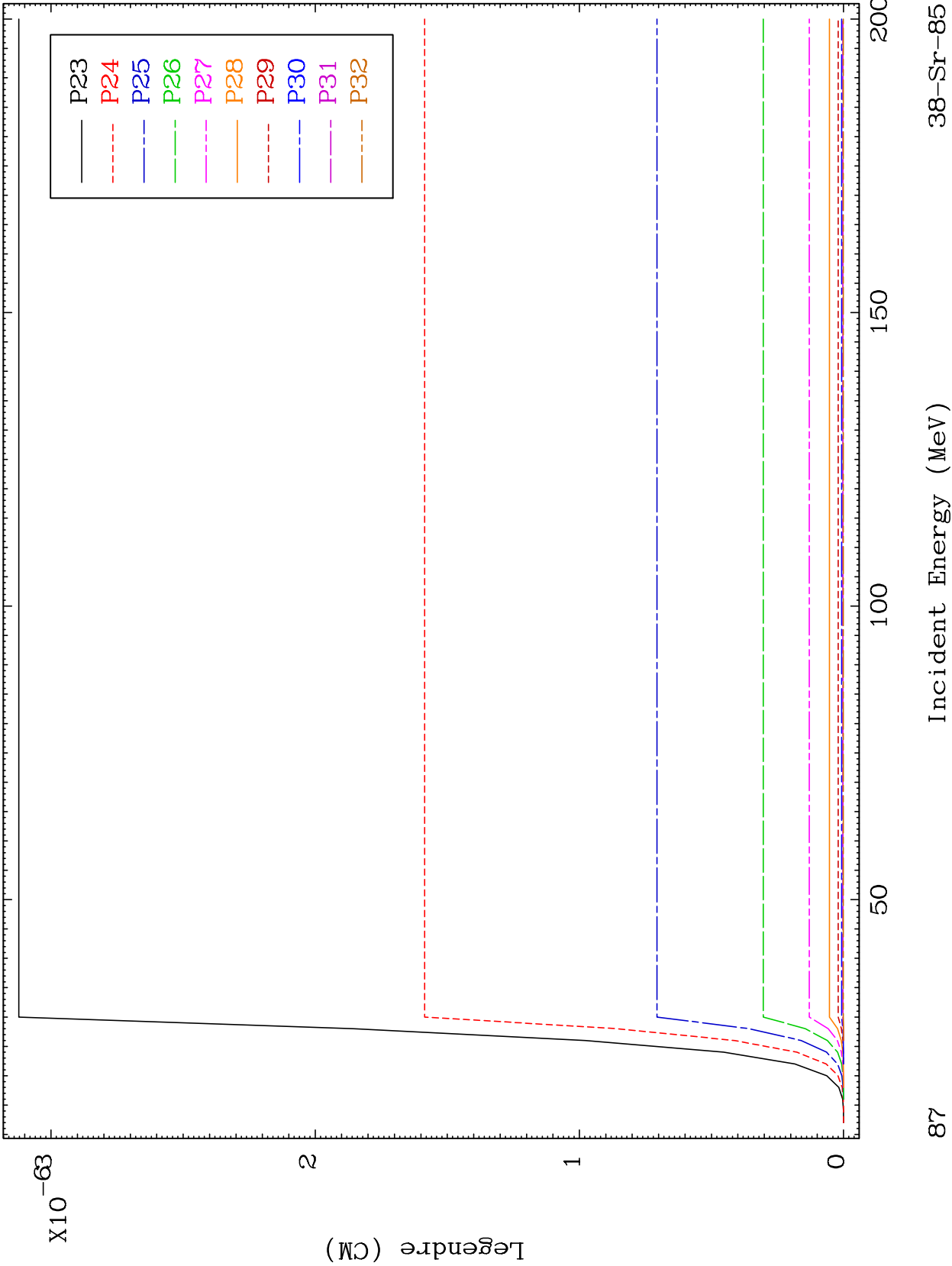
38-Sr-85



MAT 3828

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

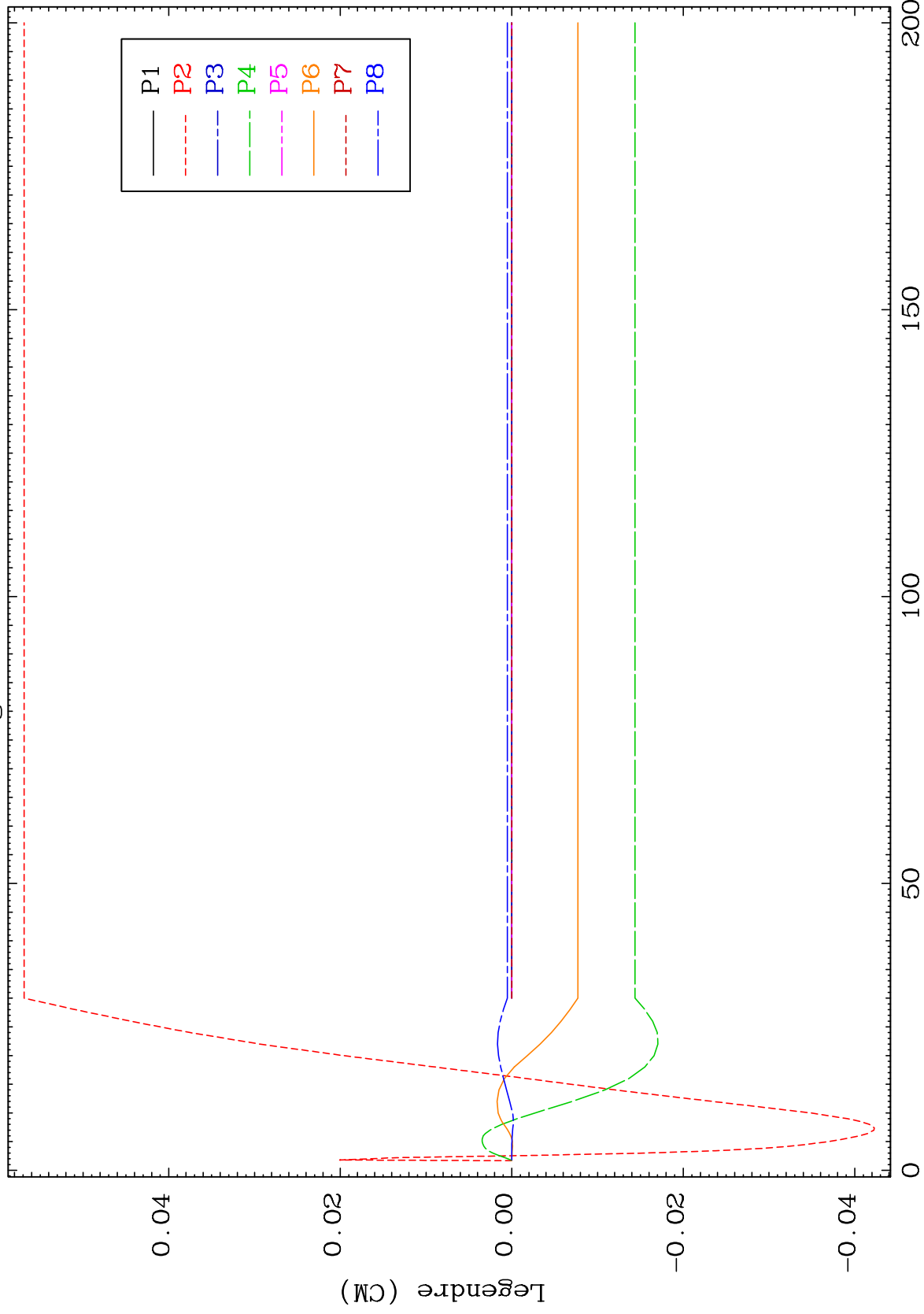
38-Sr-85



MAT 3828

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

38-Sr-85



88

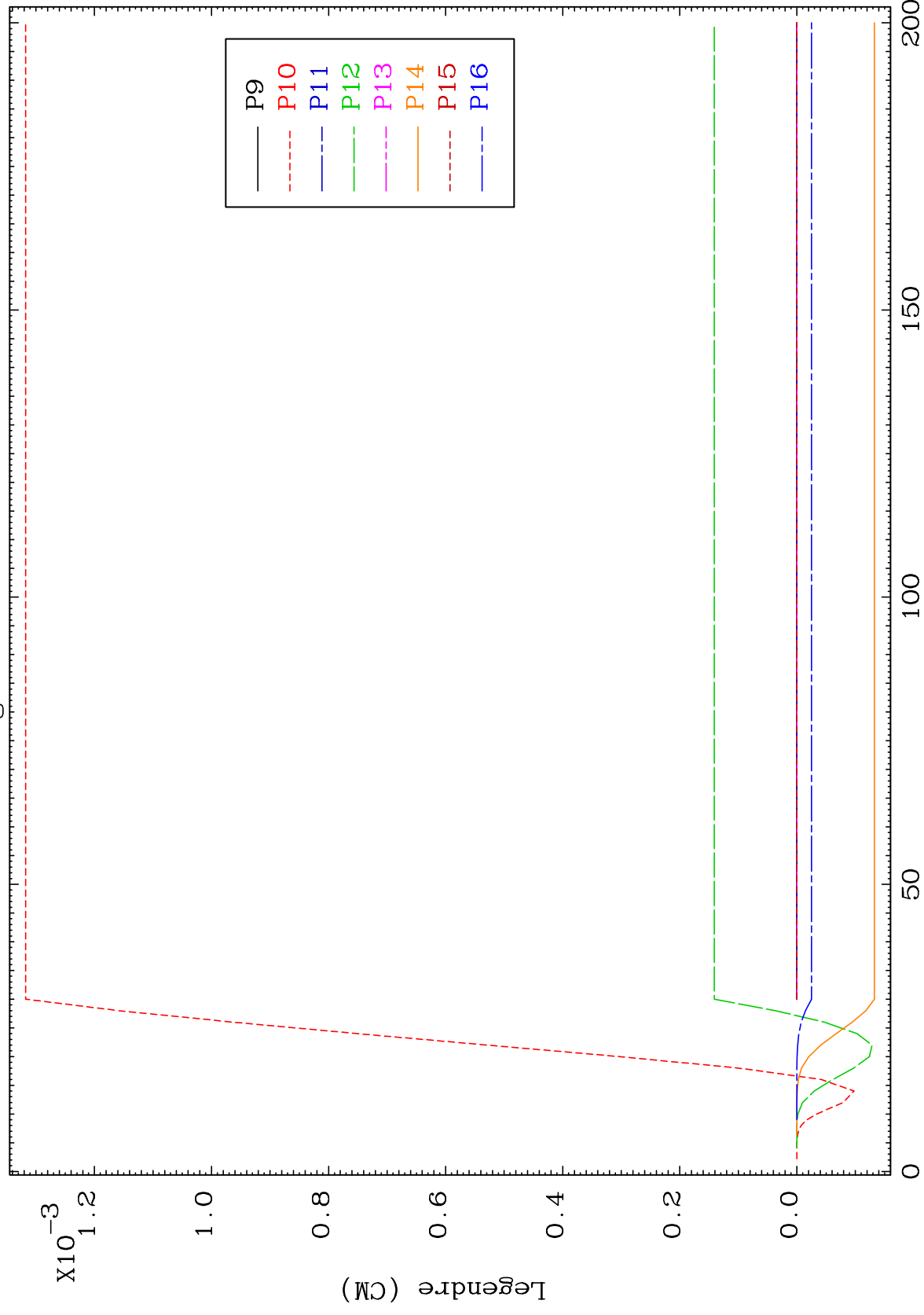
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



89

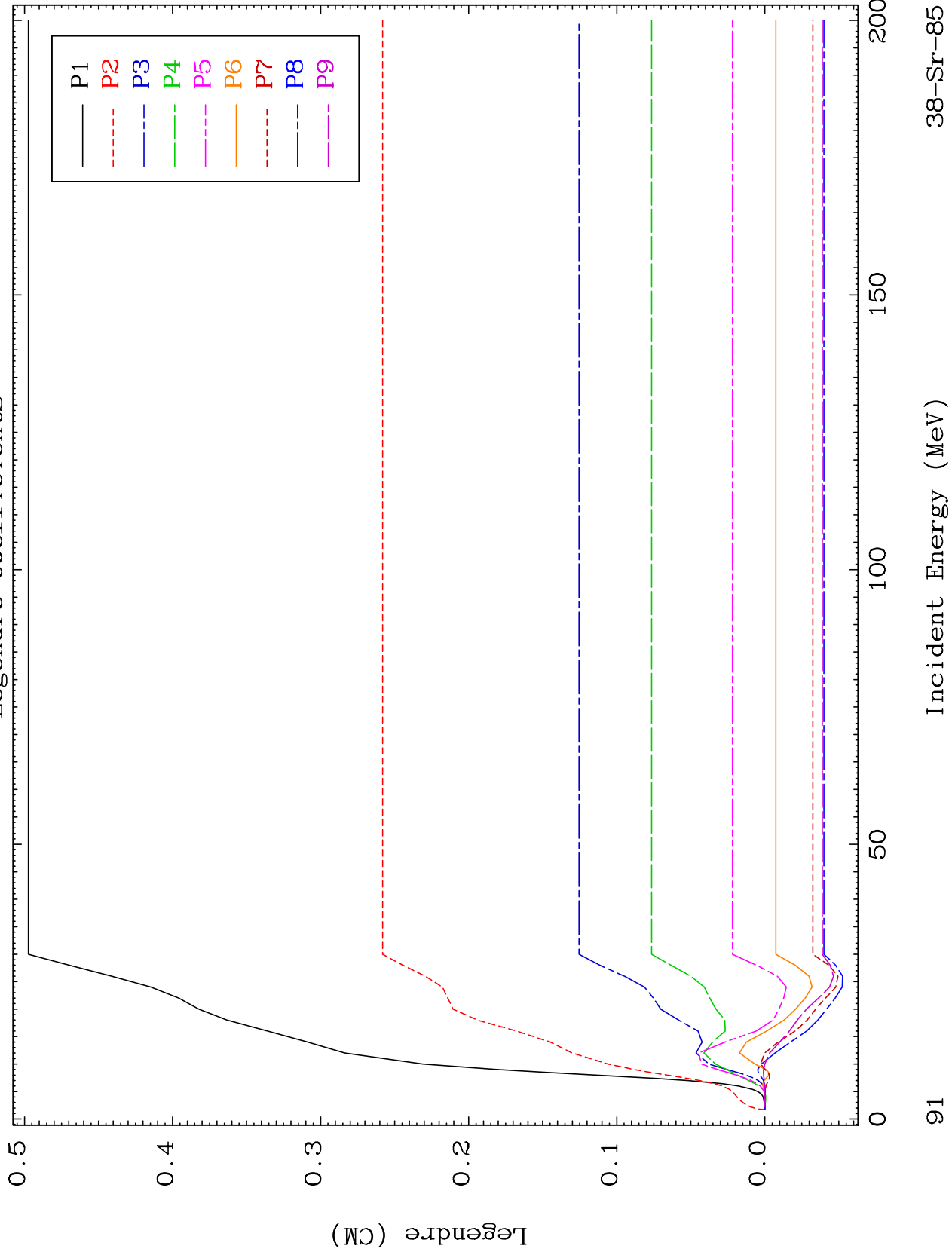
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

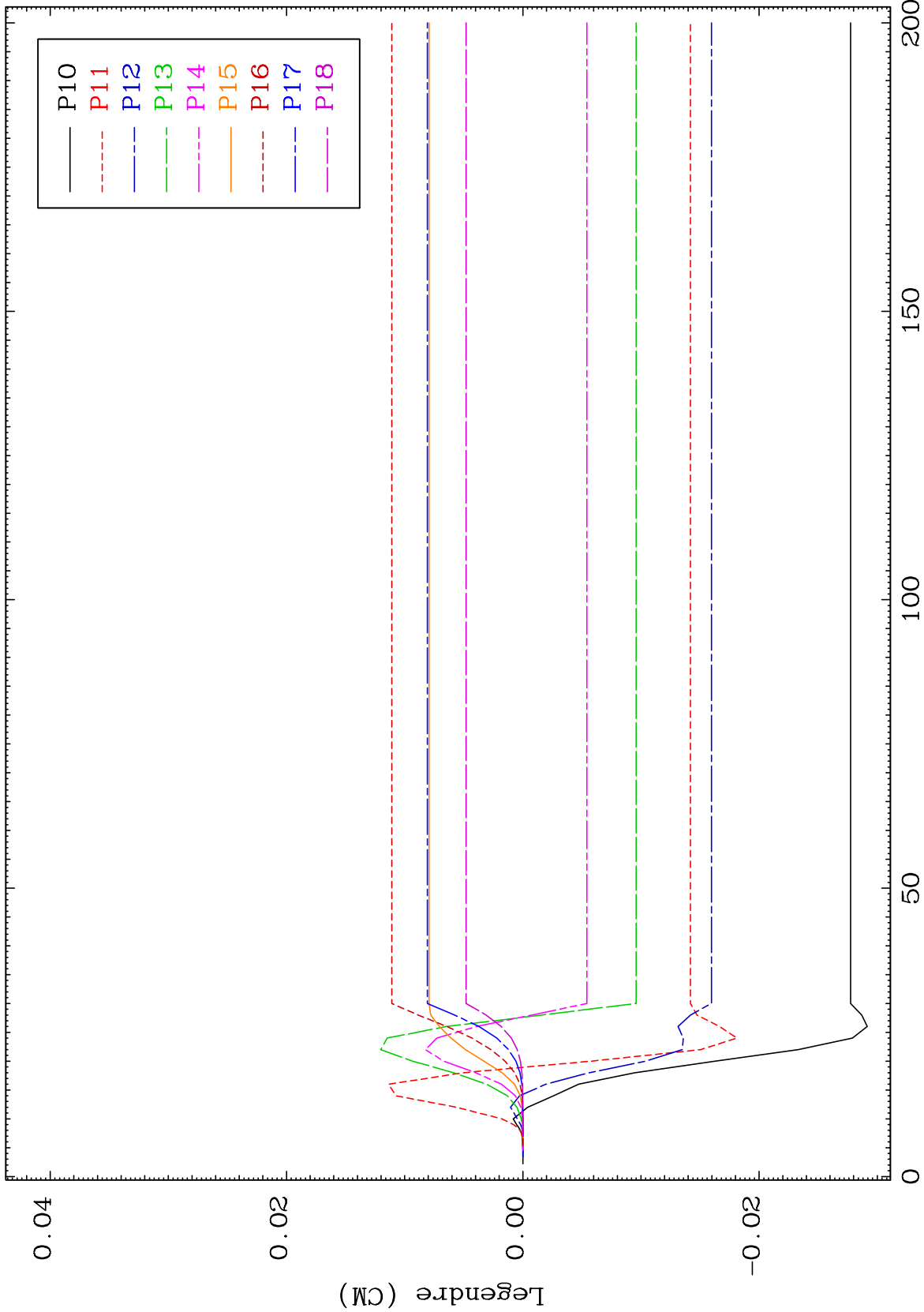
38-Sr-85



MAT 3828

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

38-Sr-85



92

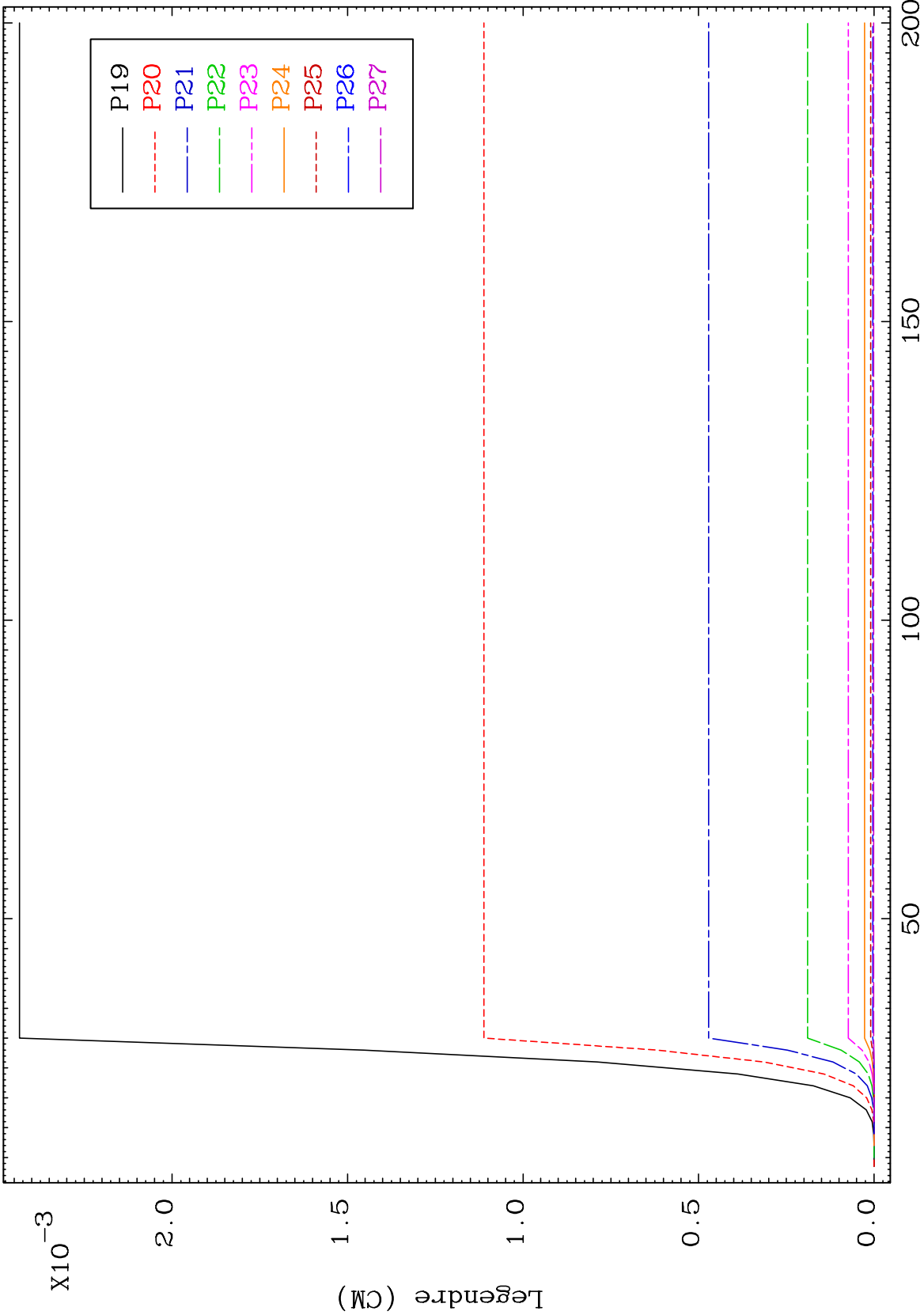
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



93

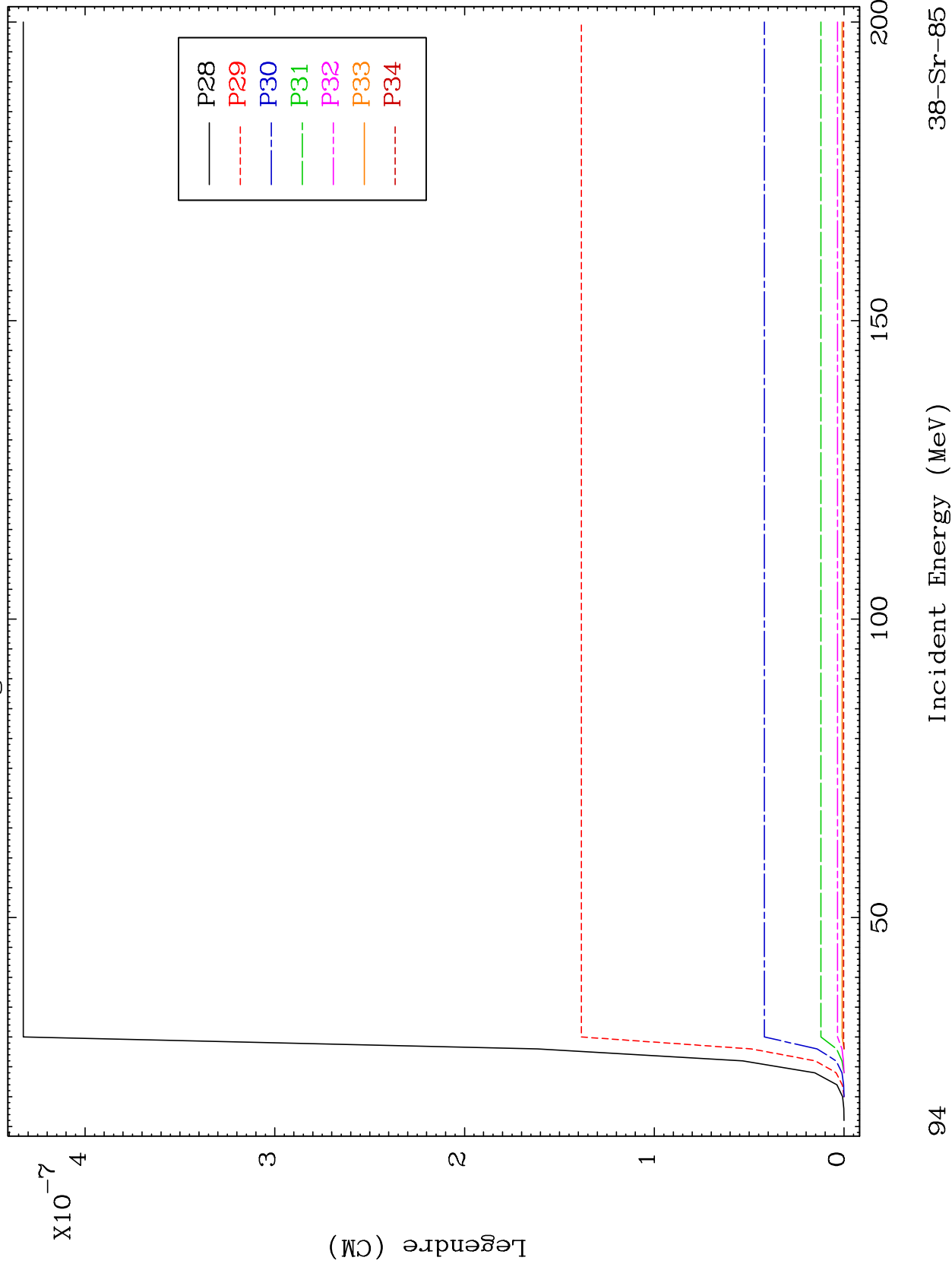
Incident Energy (MeV)

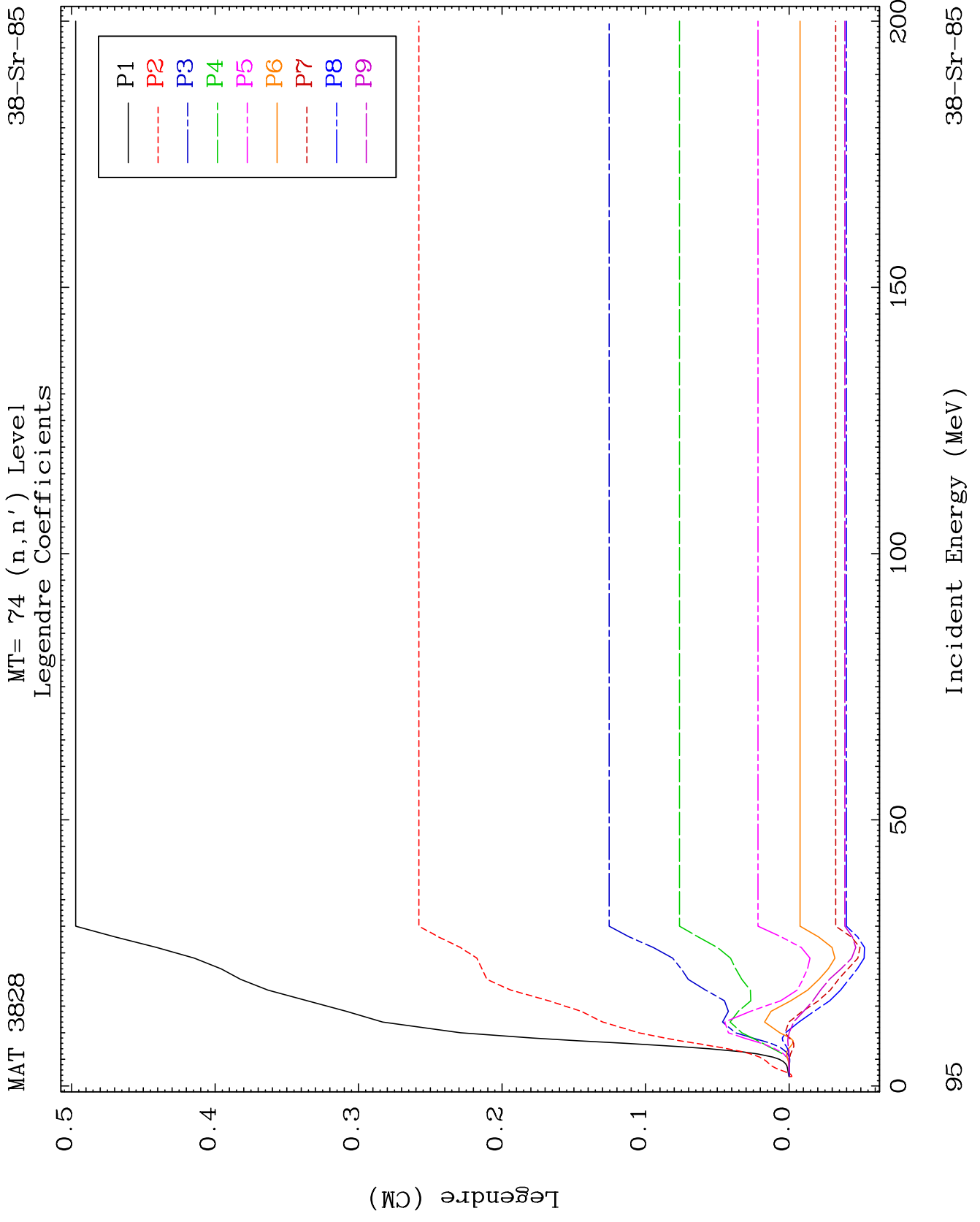
38-Sr-85

MAT 3828

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

38-Sr-85

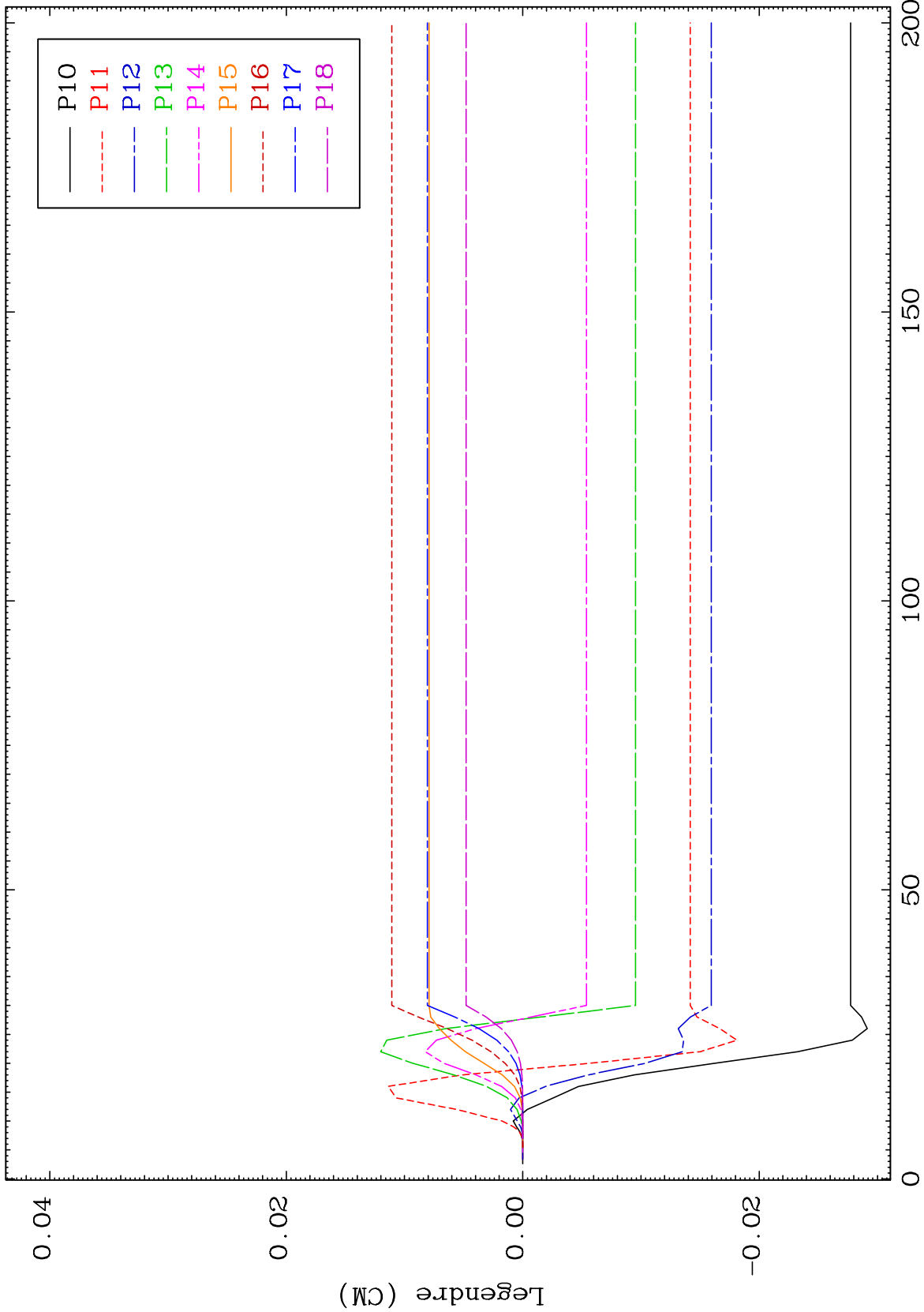




MAT 3828

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

38-Sr-85



96

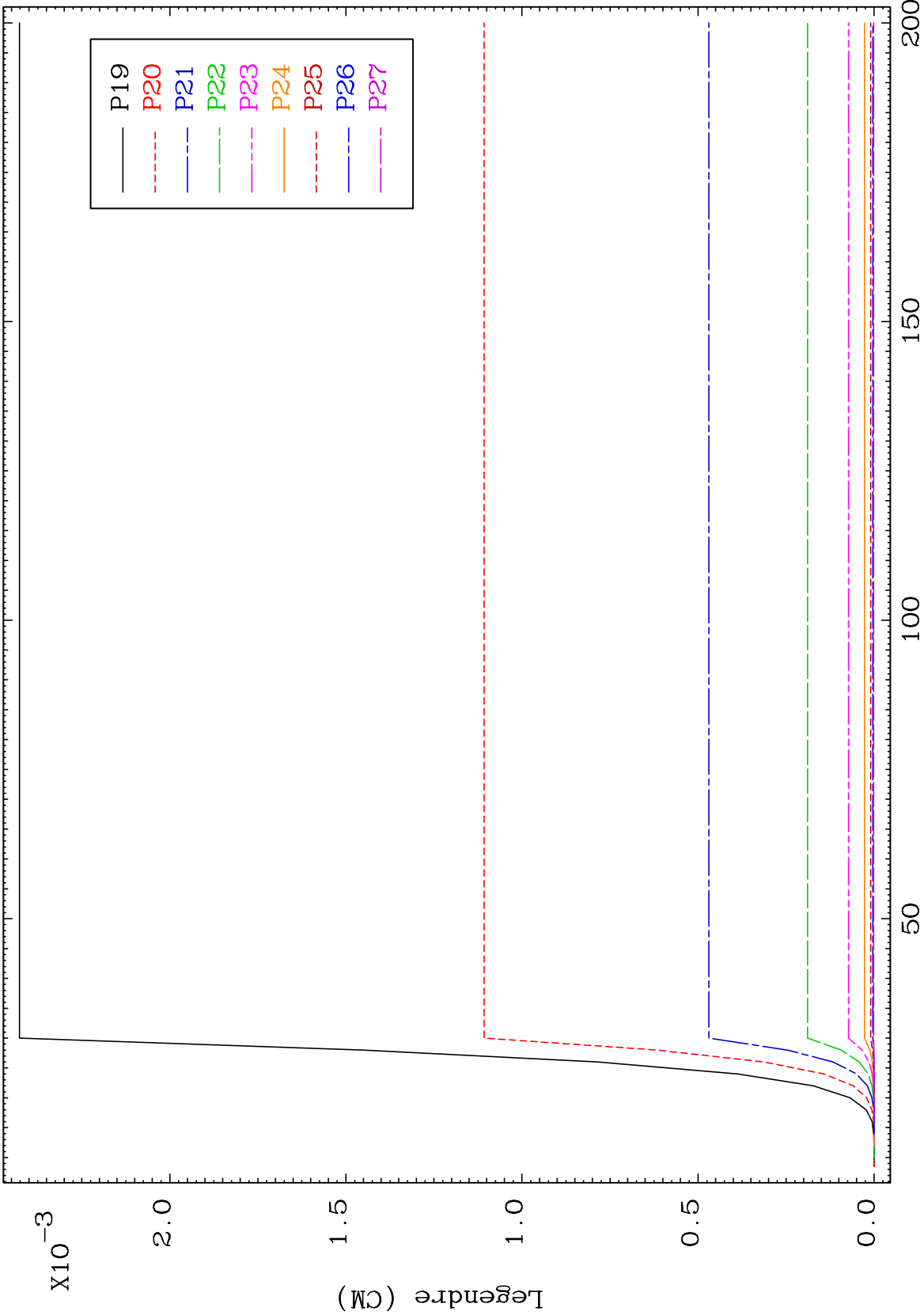
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



97

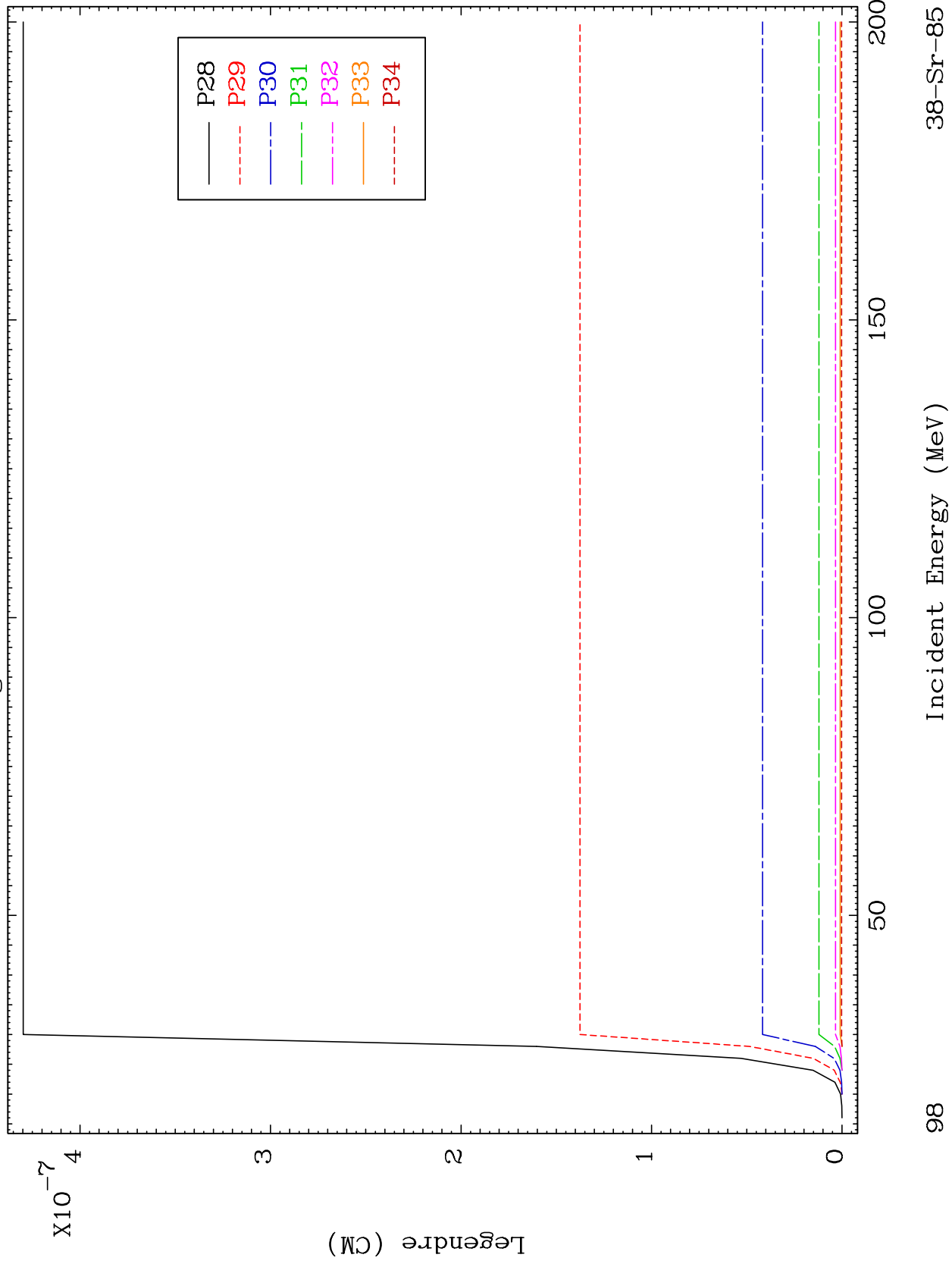
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

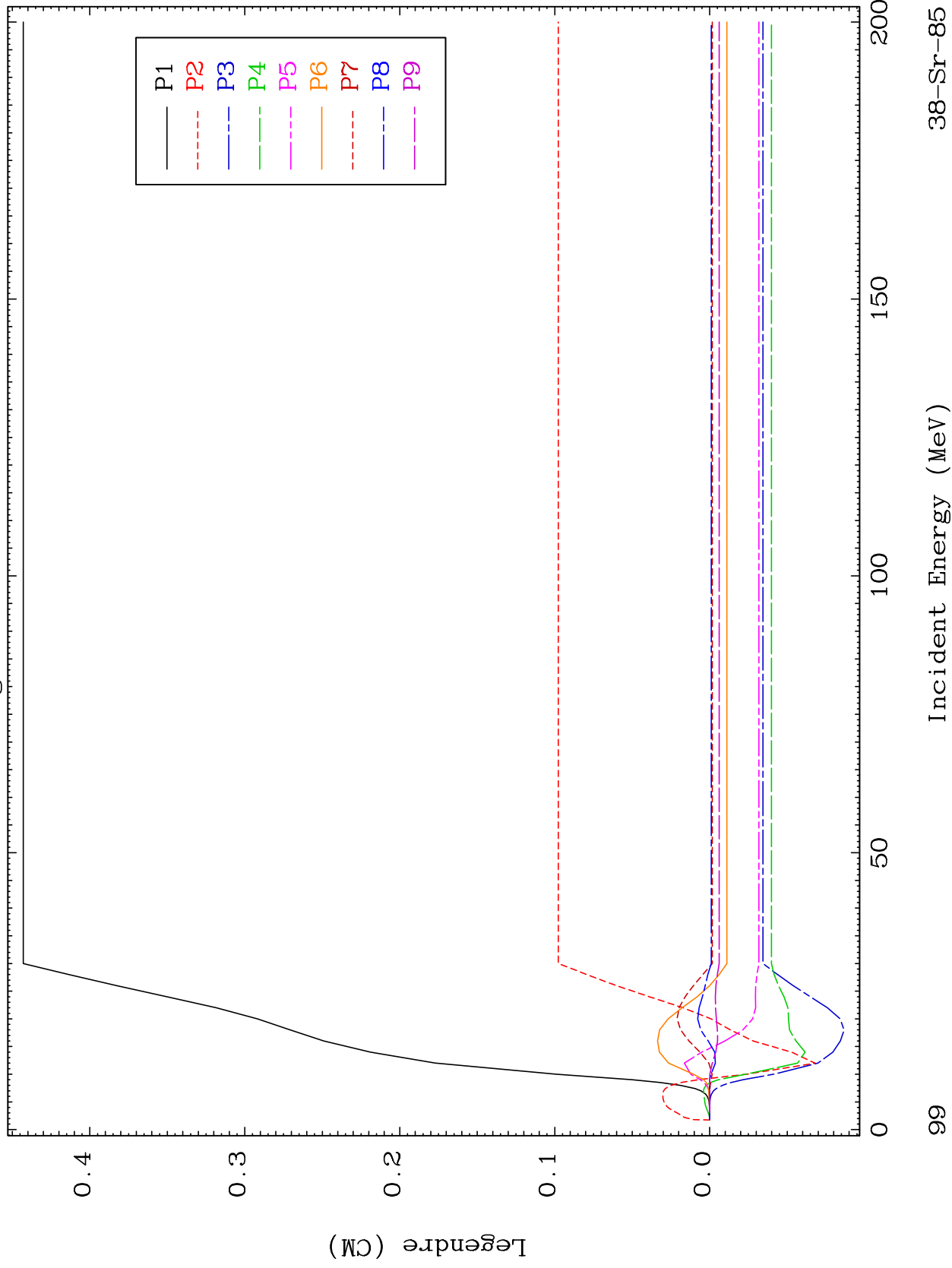
38-Sr-85



MAT 3828

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

38-Sr-85



38-Sr-85

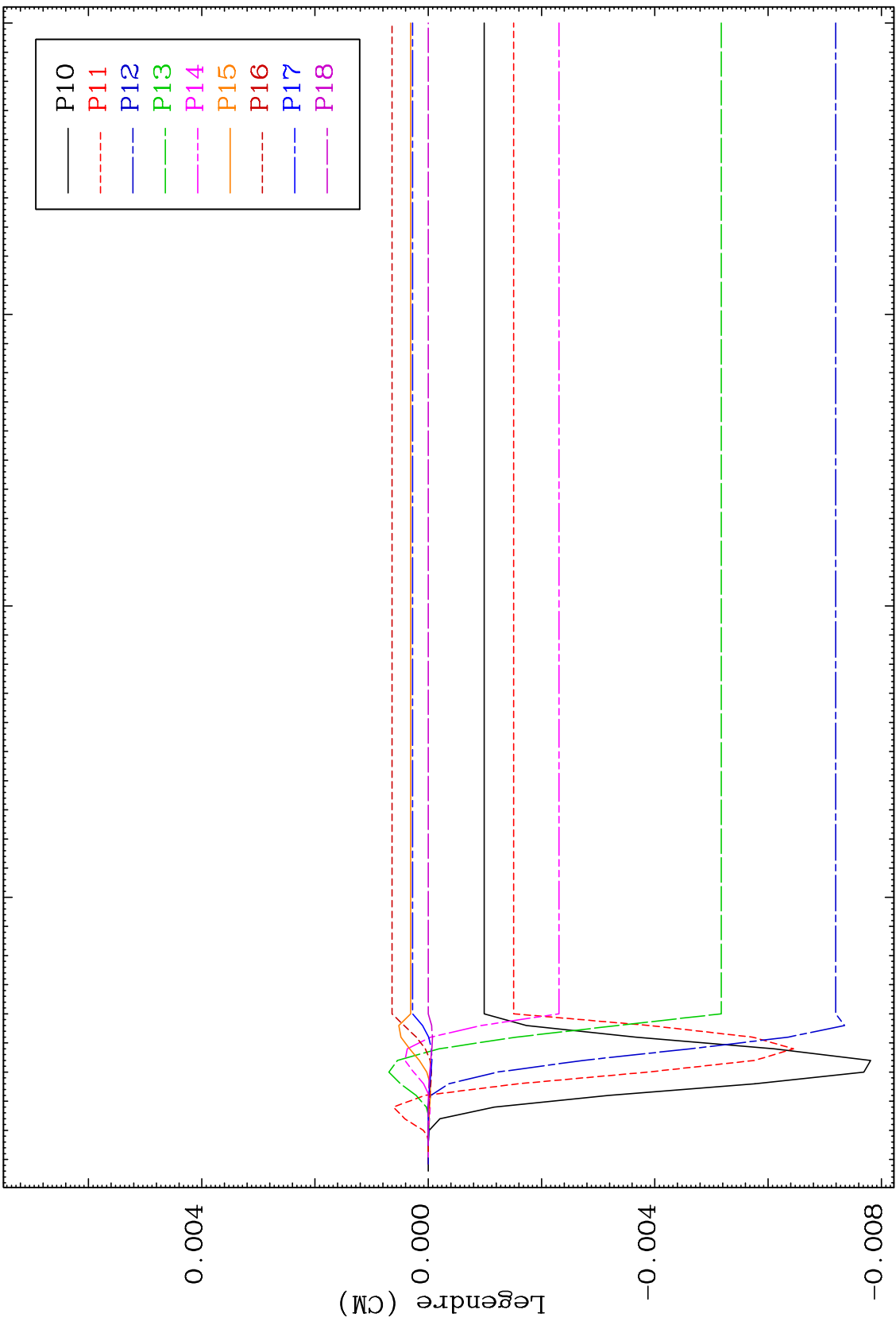
Incident Energy (MeV)

99

MAT 3828

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

38-Sr-85



200

150

100

50

100

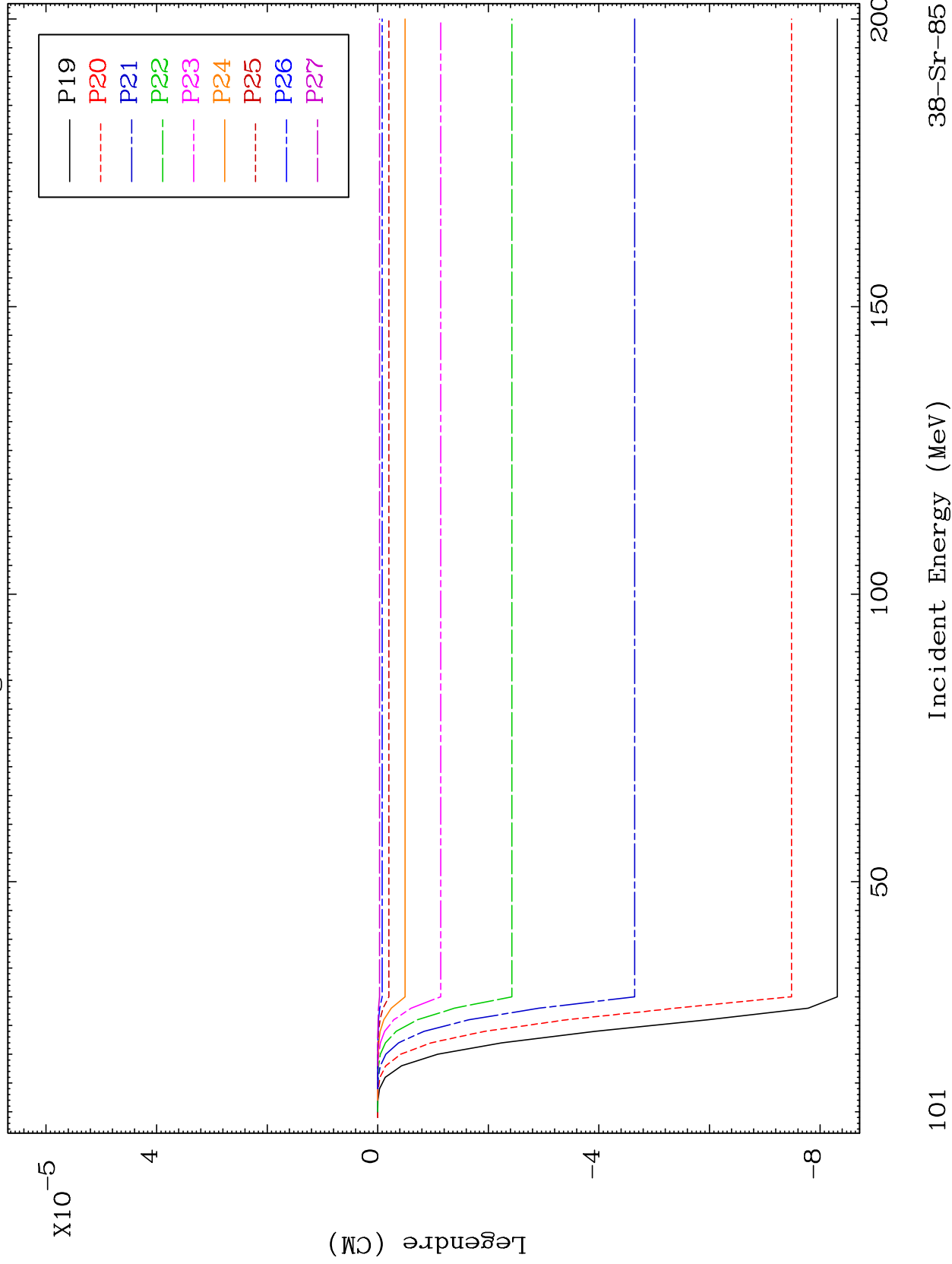
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

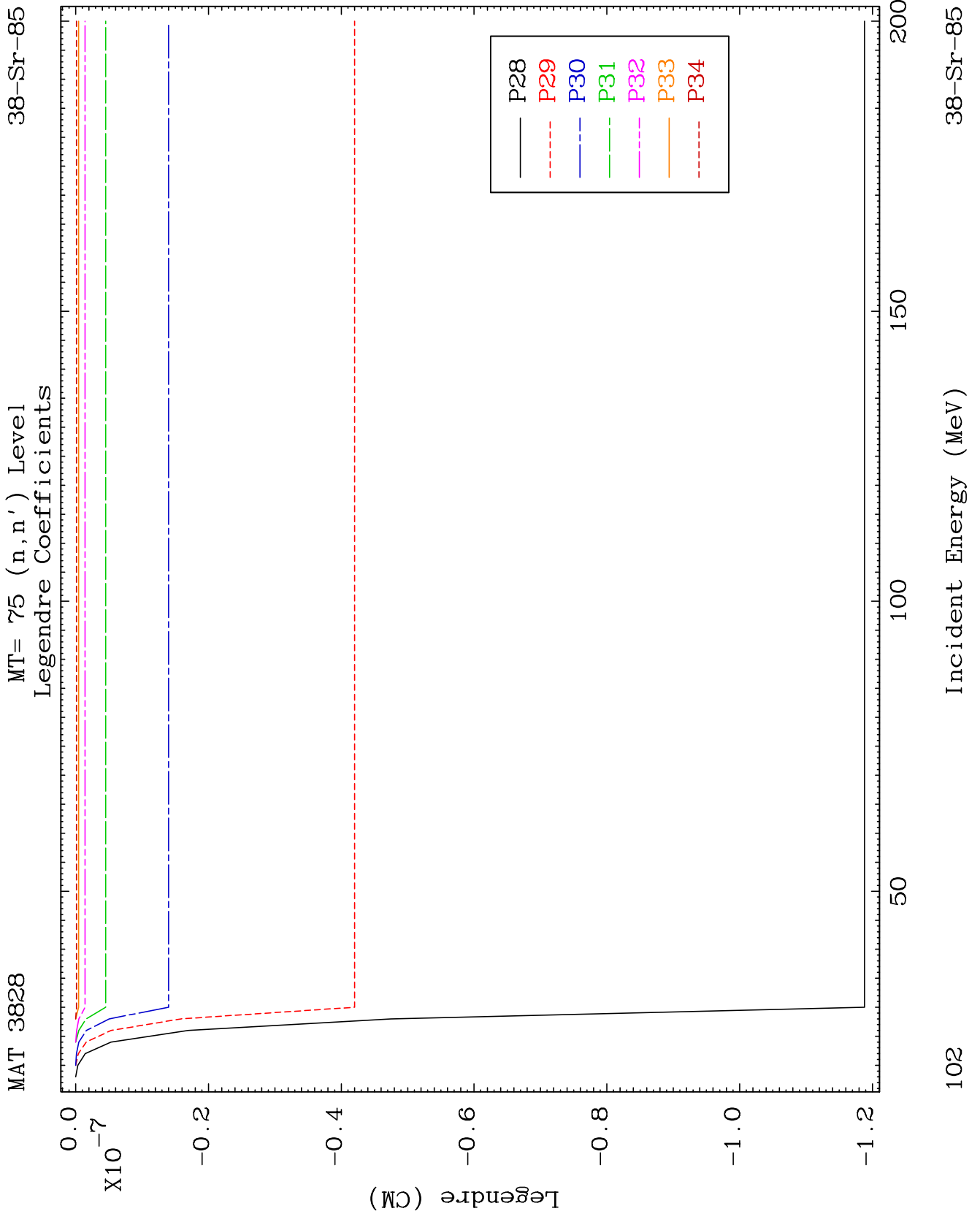
38-Sr-85



101

Incident Energy (MeV)

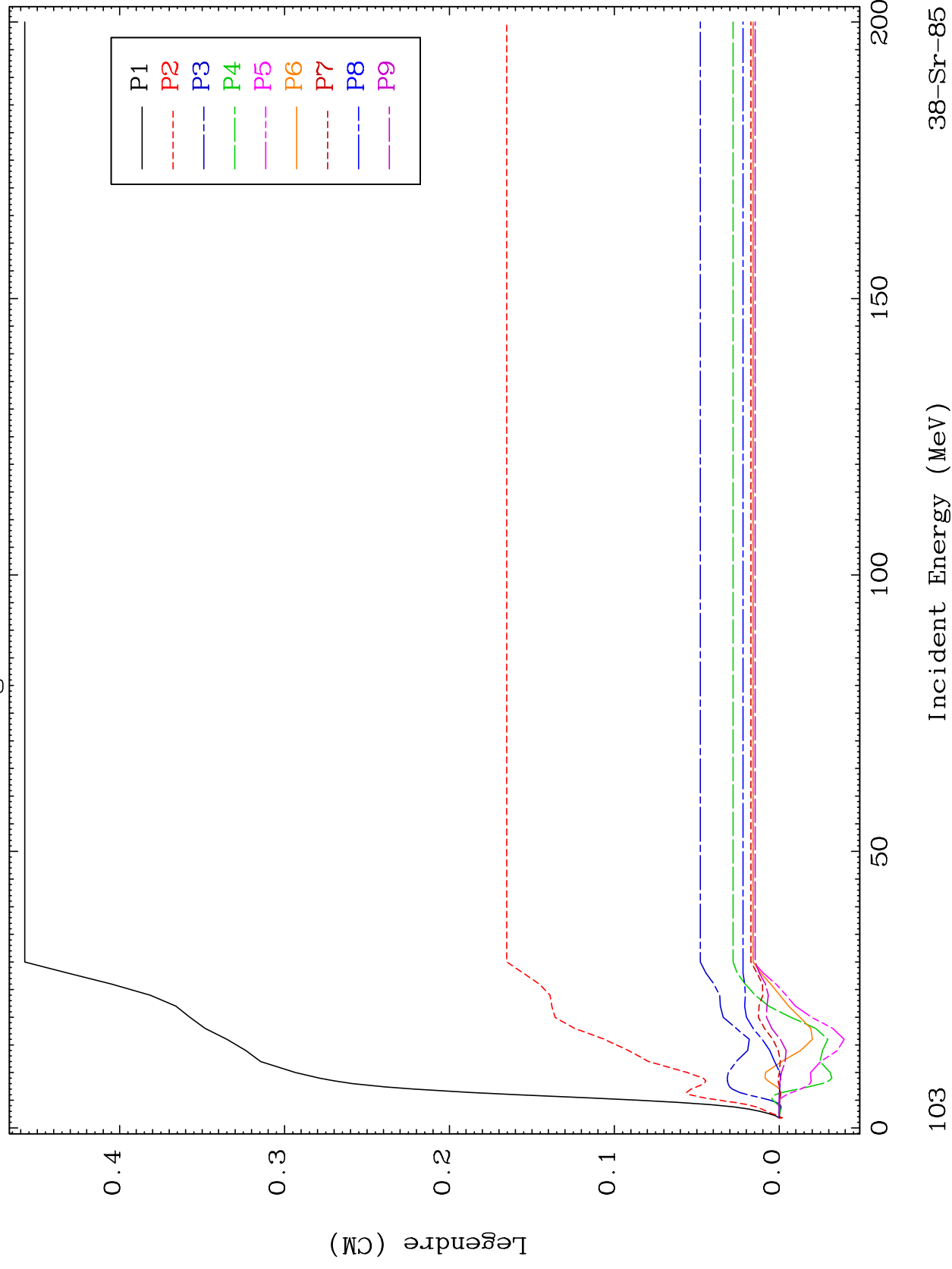
38-Sr-85



MAT 3828

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

38-Sr-85



38-Sr-85

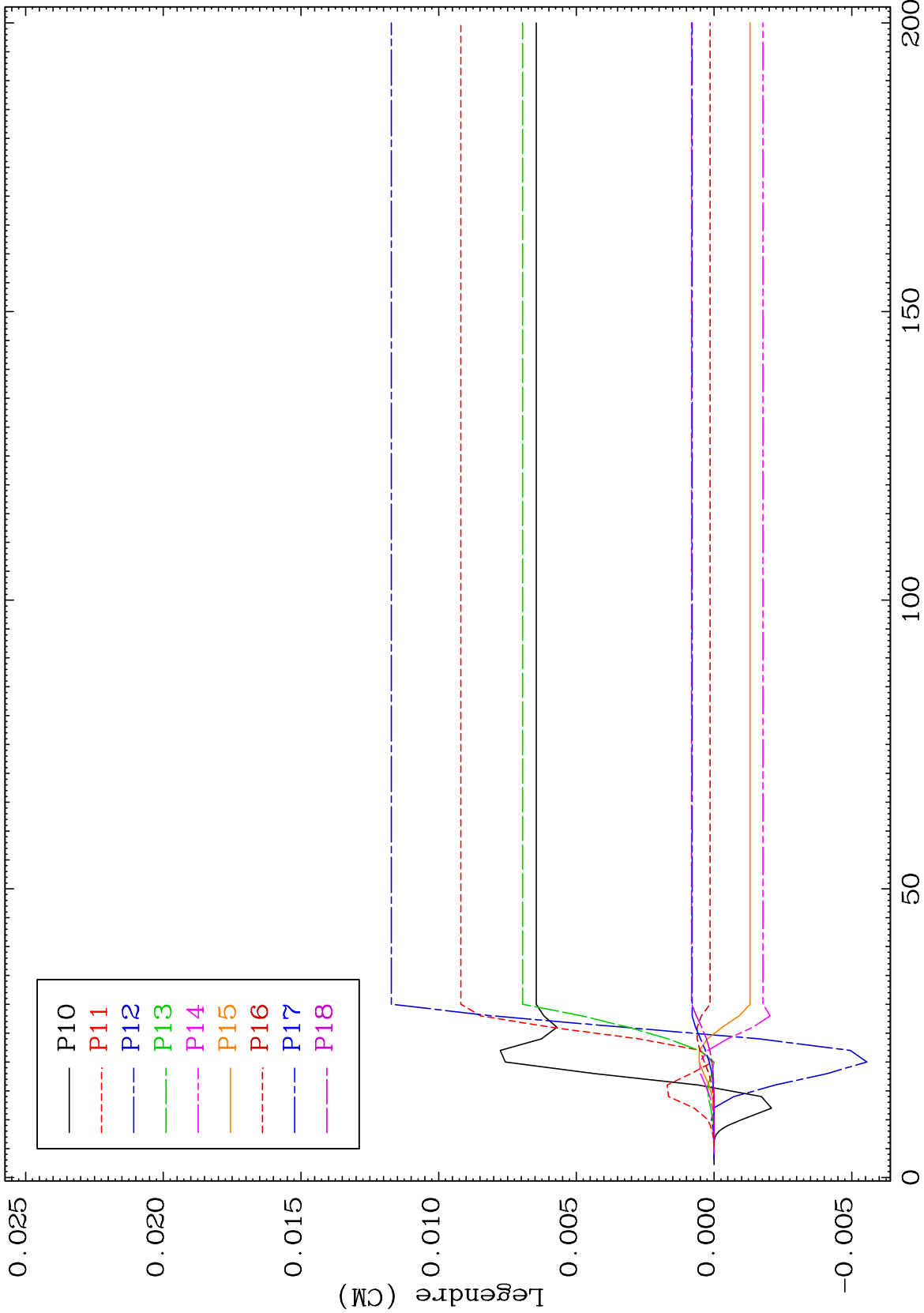
Incident Energy (MeV)

103

MAT 3828

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

38-Sr-85



104

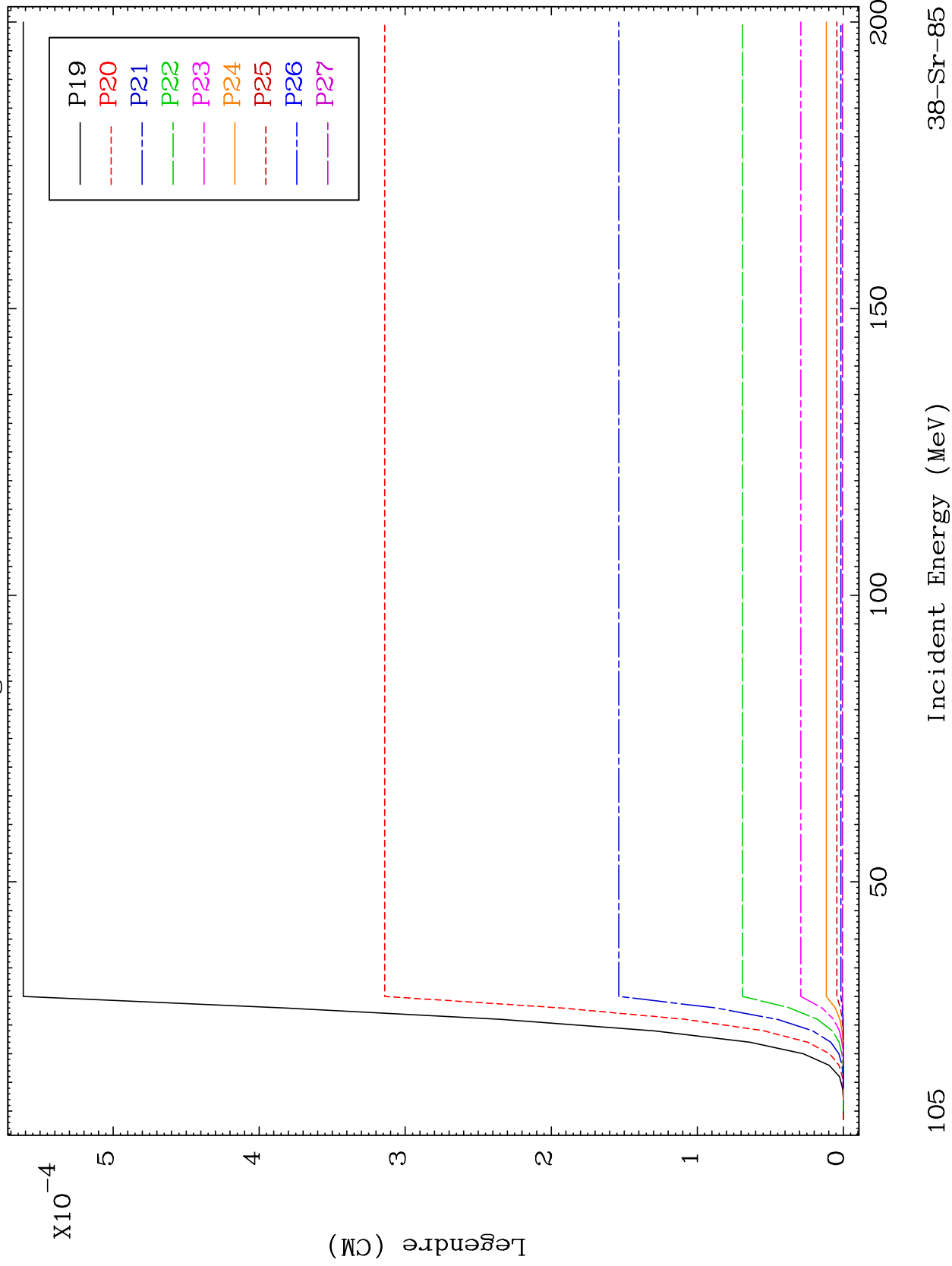
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85

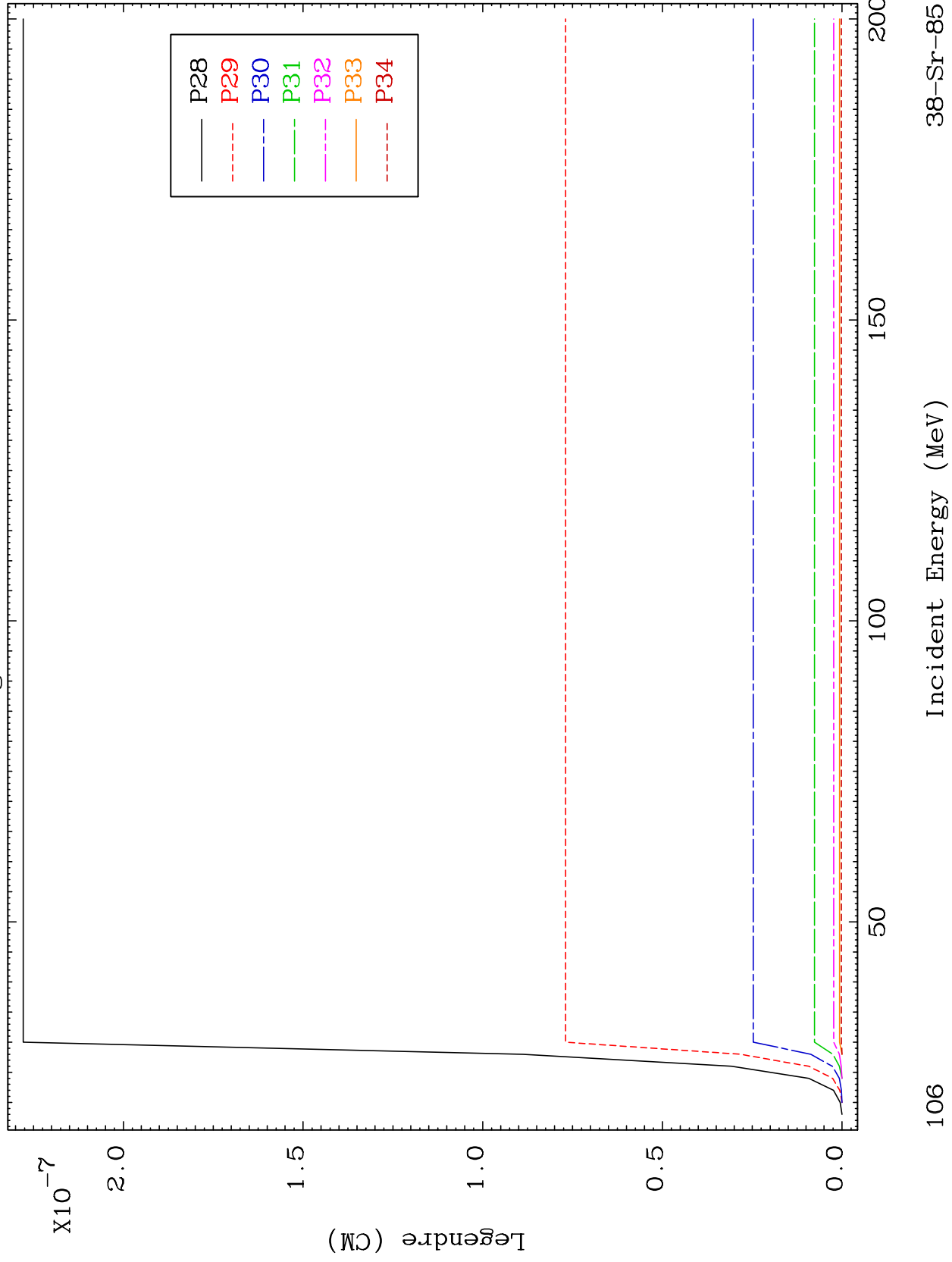


38-Sr-85

MAT 3828

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

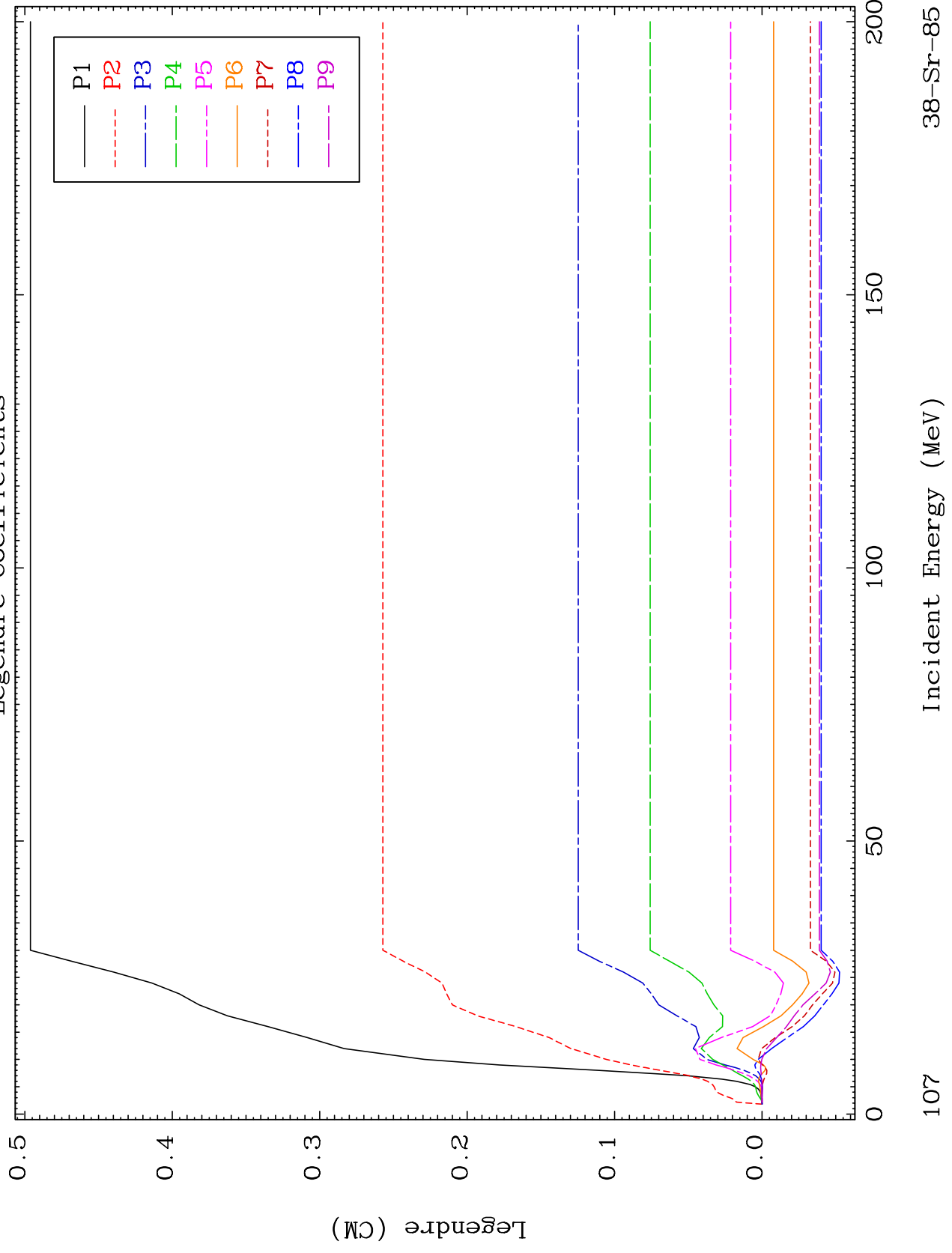
38-Sr-85



MAT 3828

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

38-Sr-85

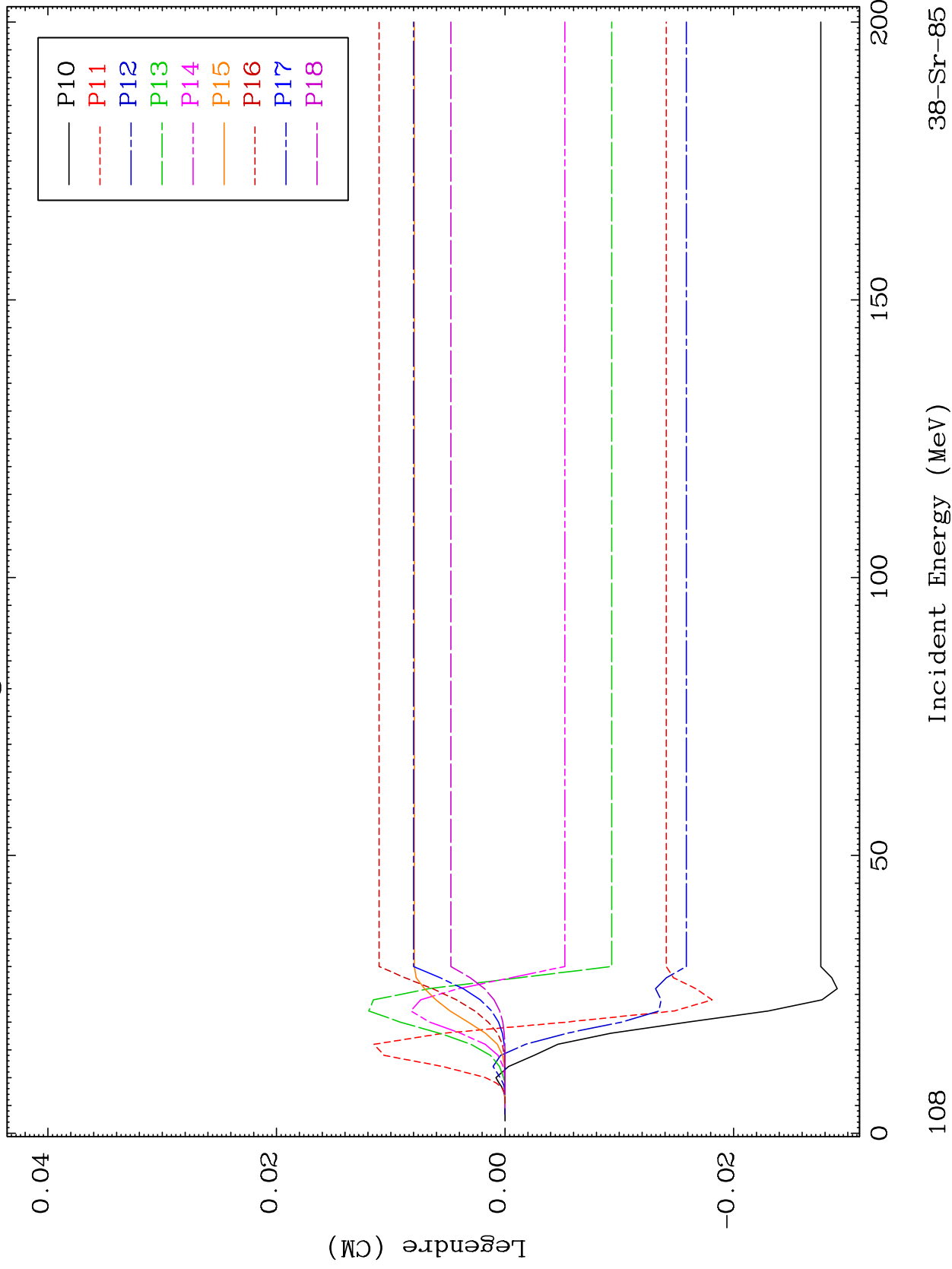


107

MAT 3828

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

38-Sr-85



108

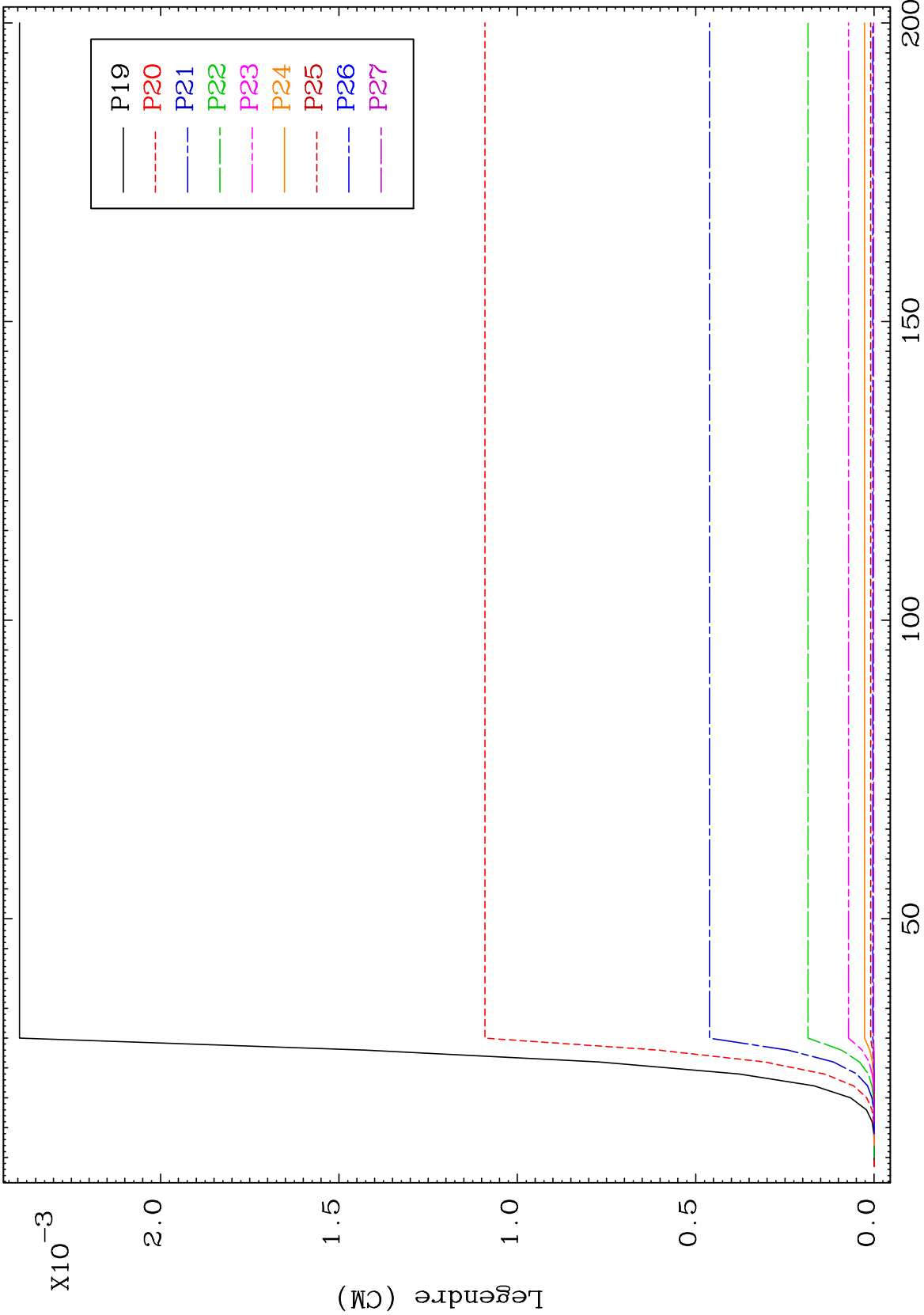
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



109

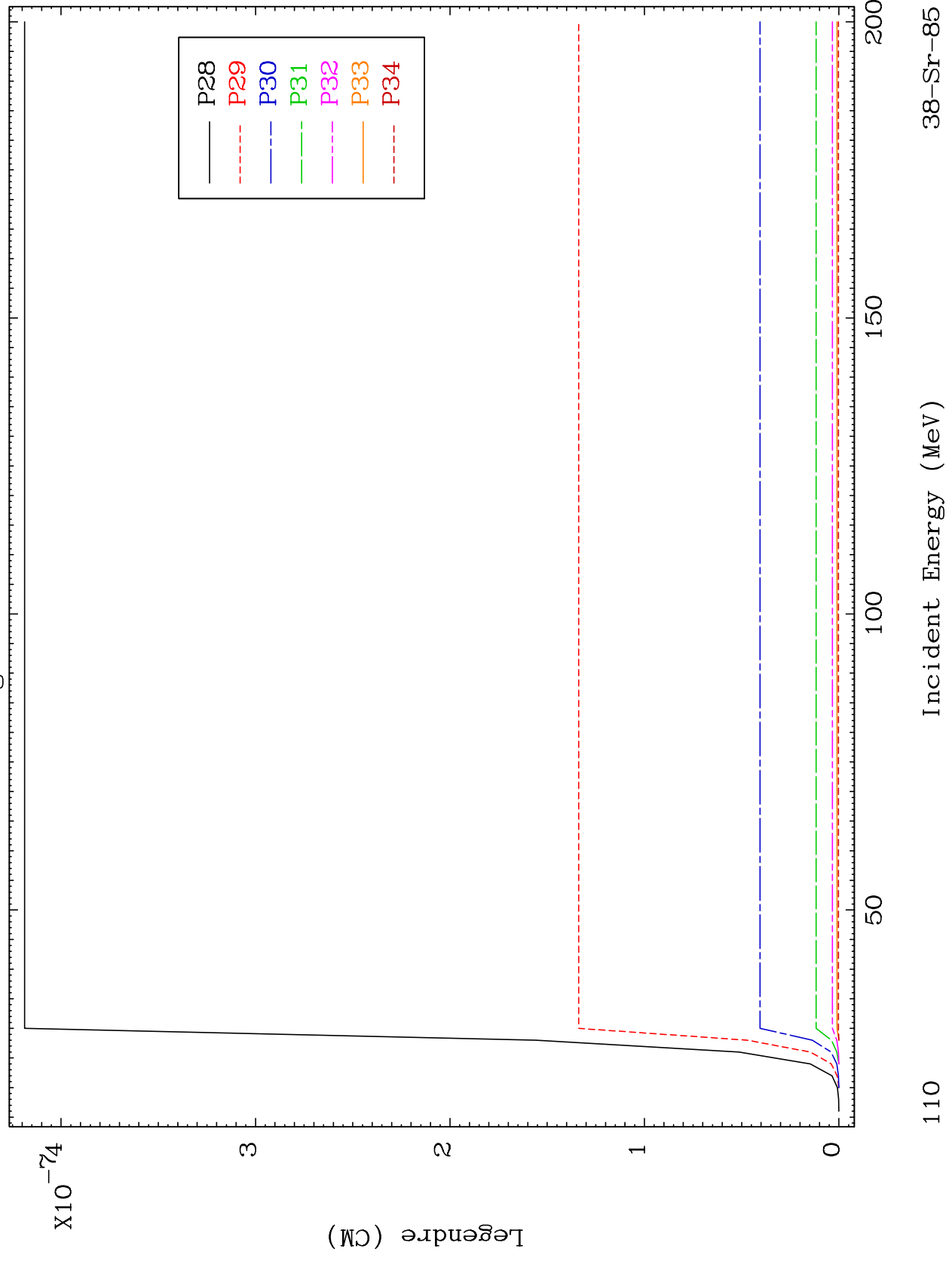
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

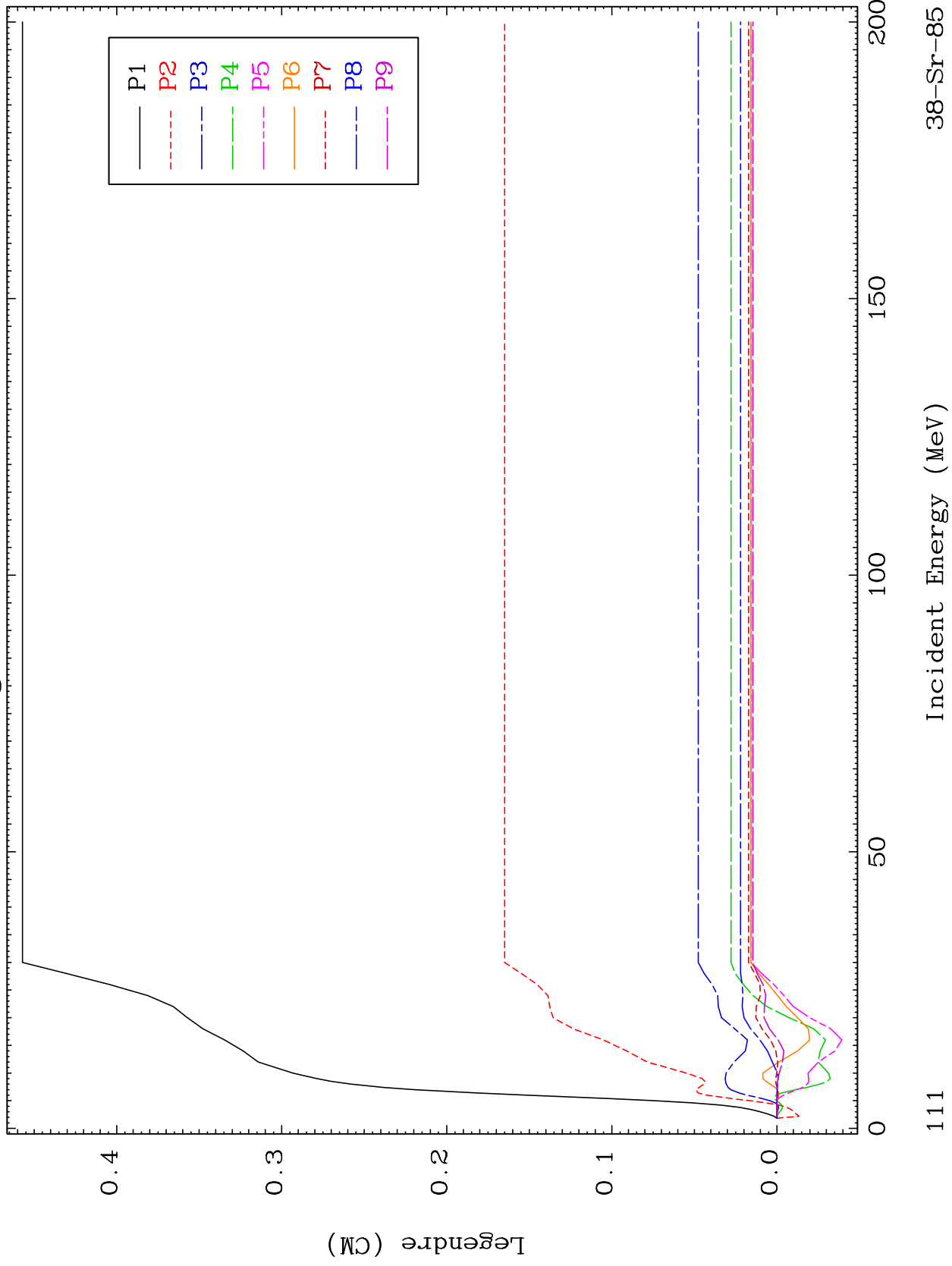
38-Sr-85



MAT 3828

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

38-Sr-85



111

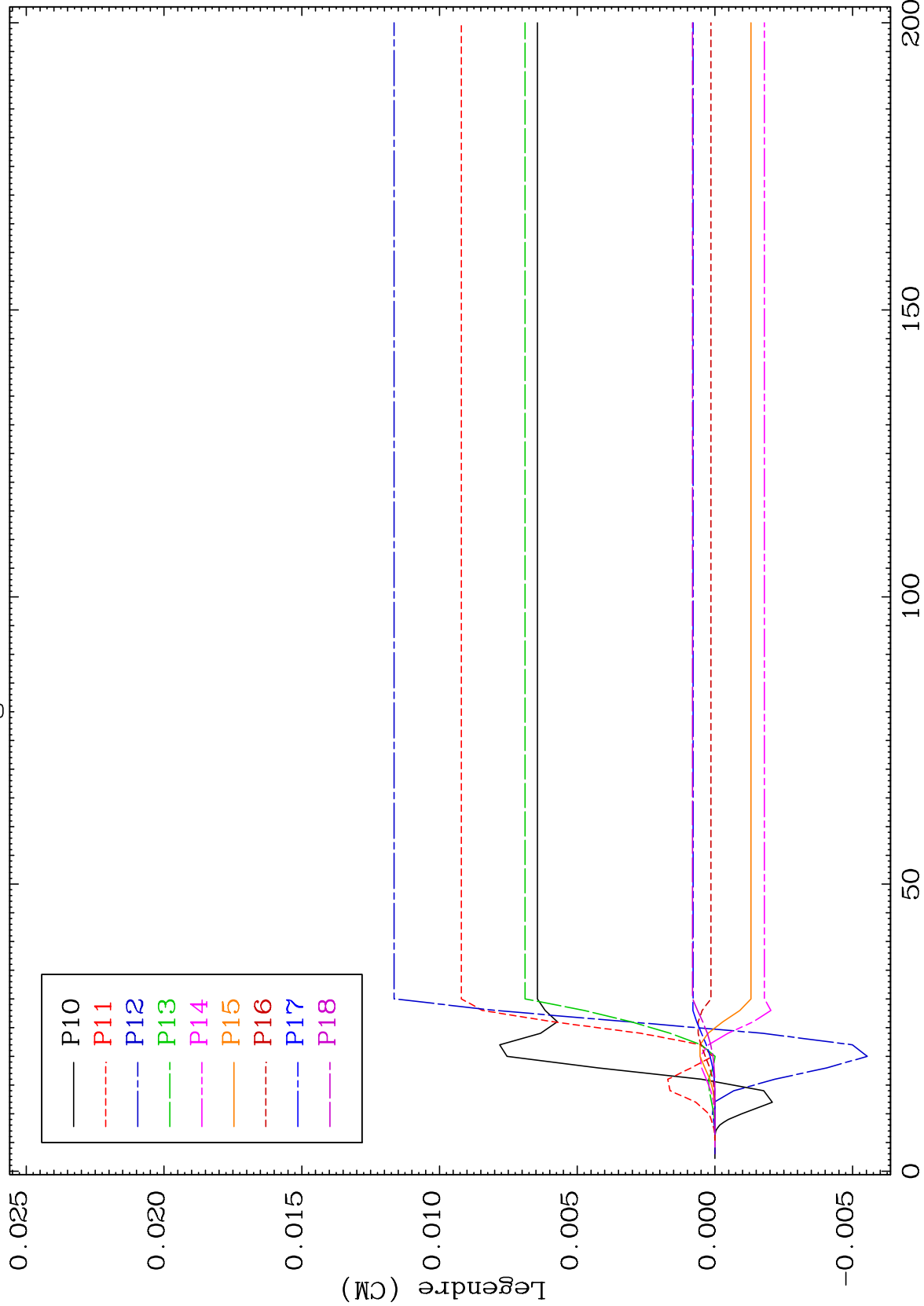
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



112

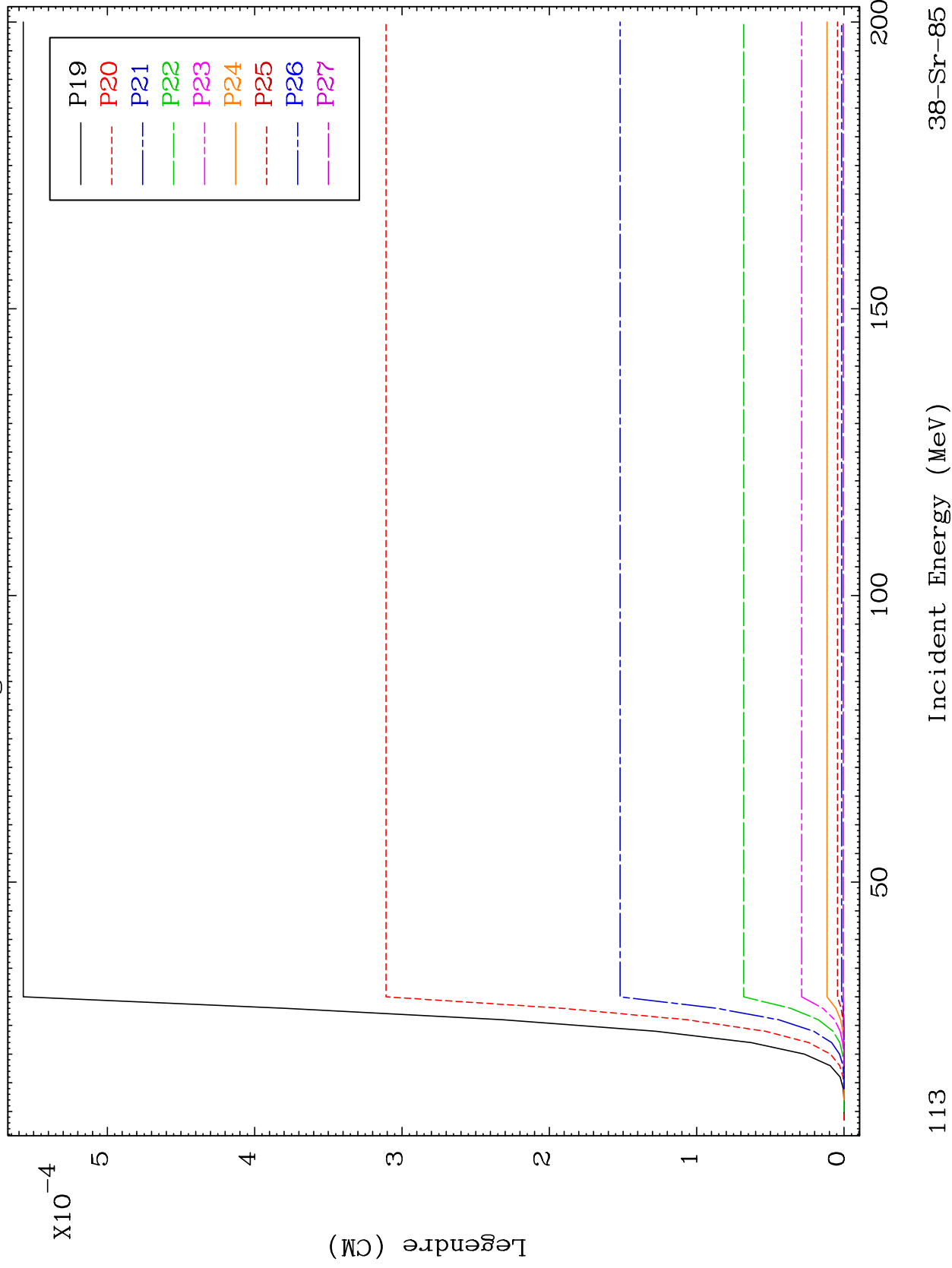
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



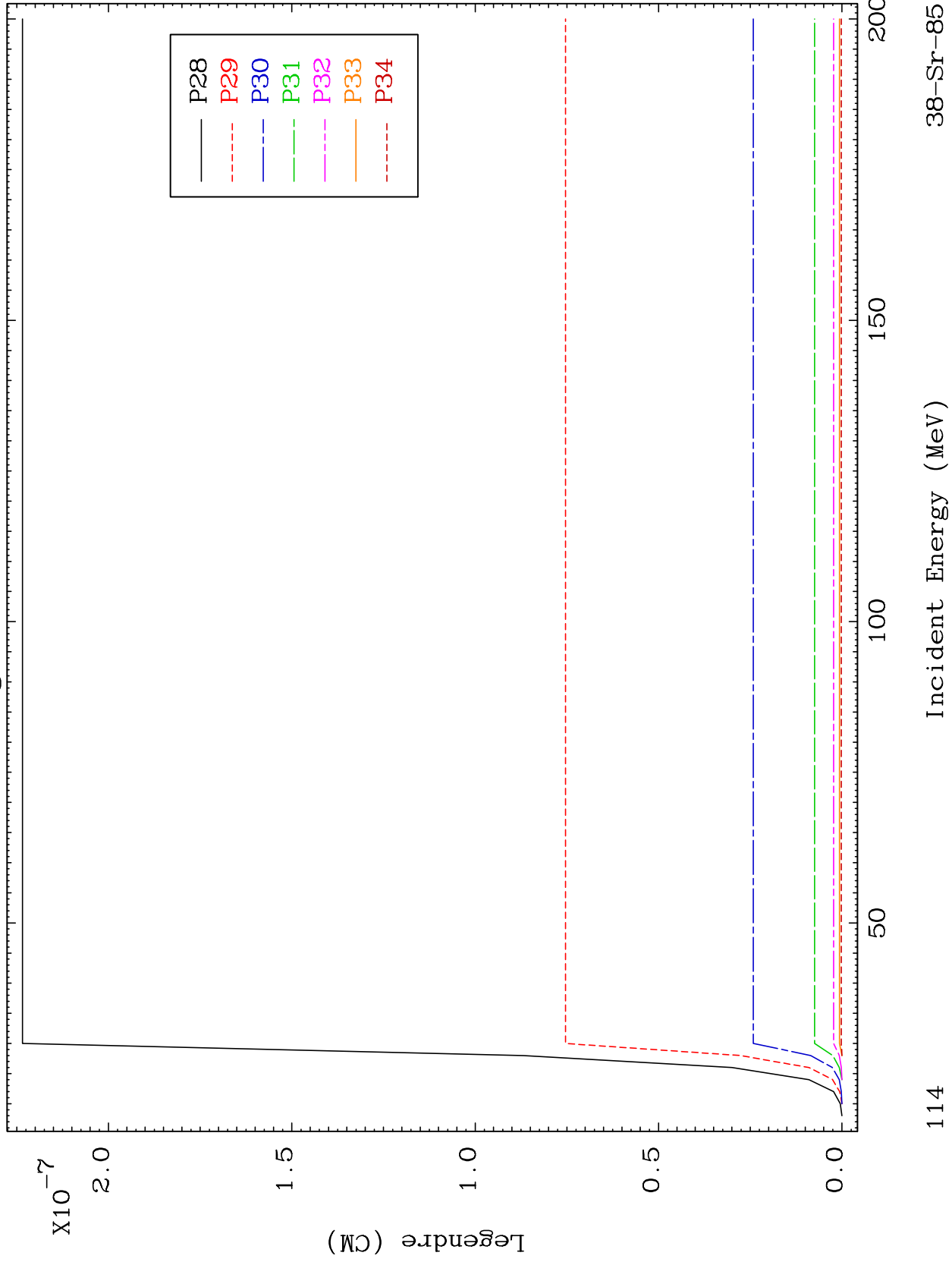
113

38-Sr-85

MAT 3828

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

38-Sr-85



114

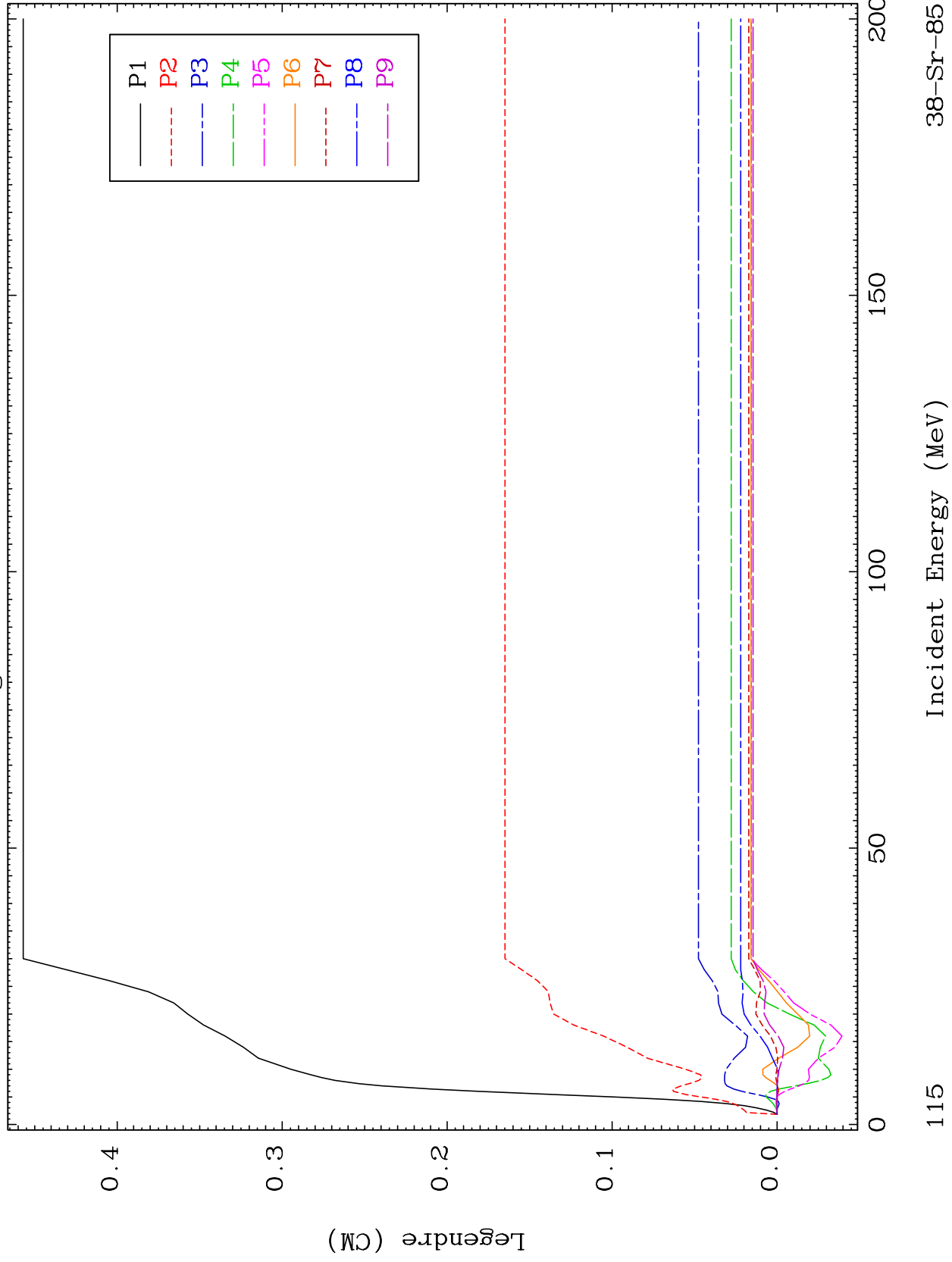
Incident Energy (MeV)

38-Sr-85

MAT 3828

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

38-Sr-85



38-Sr-85

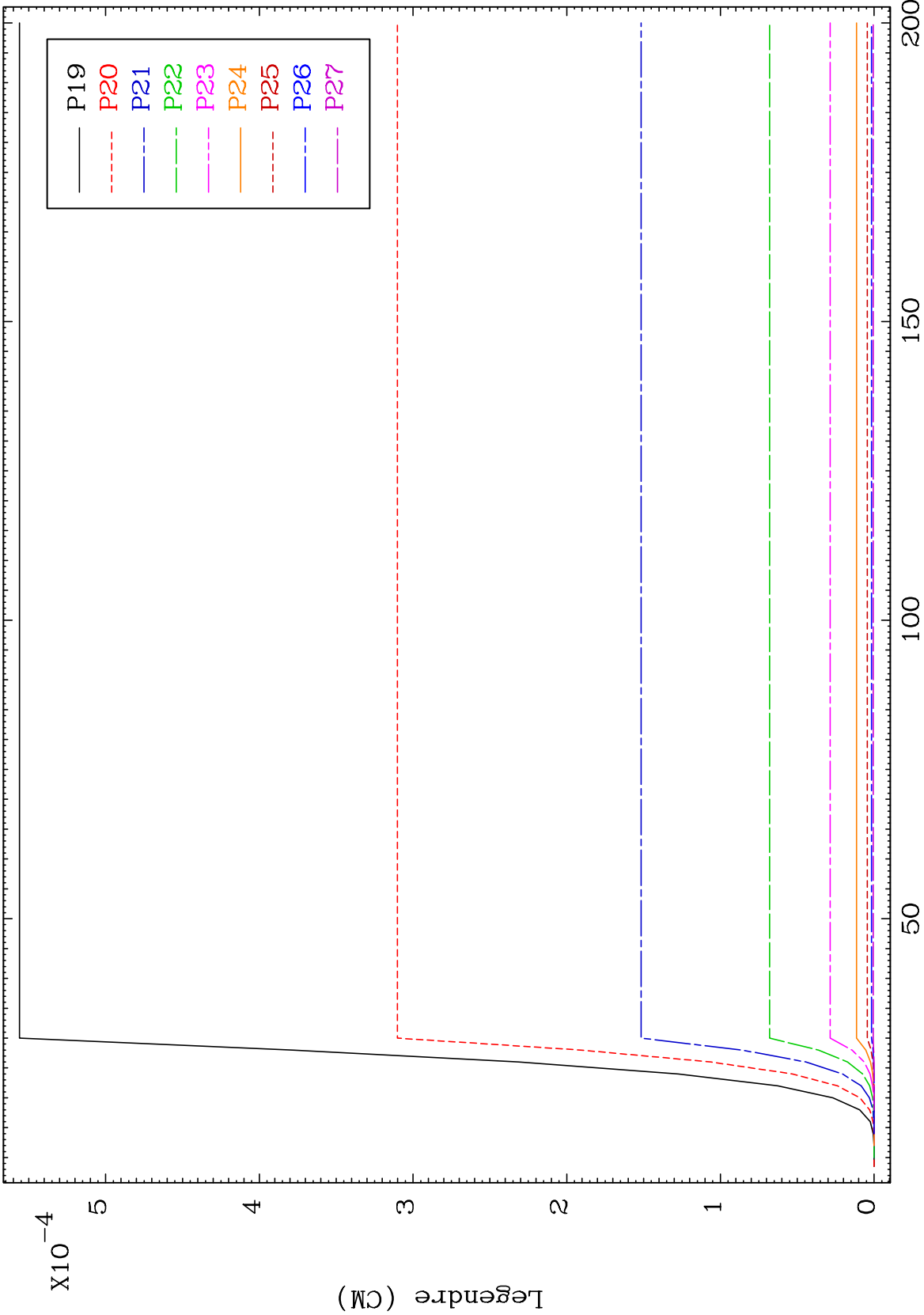
Incident Energy (MeV)

115

MAT 3828

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

38-Sr-85



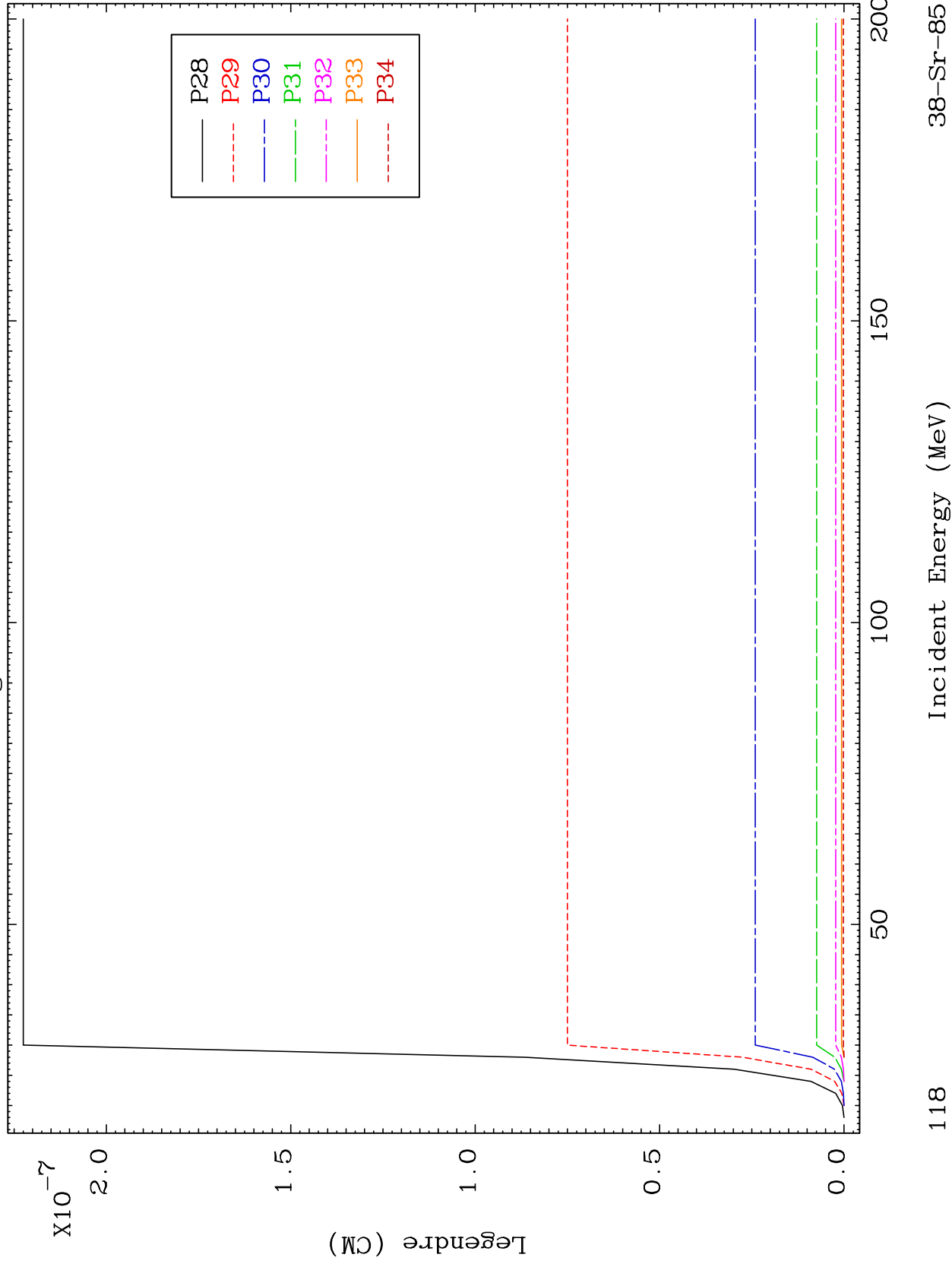
117

38-Sr-85

MAT 3828

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

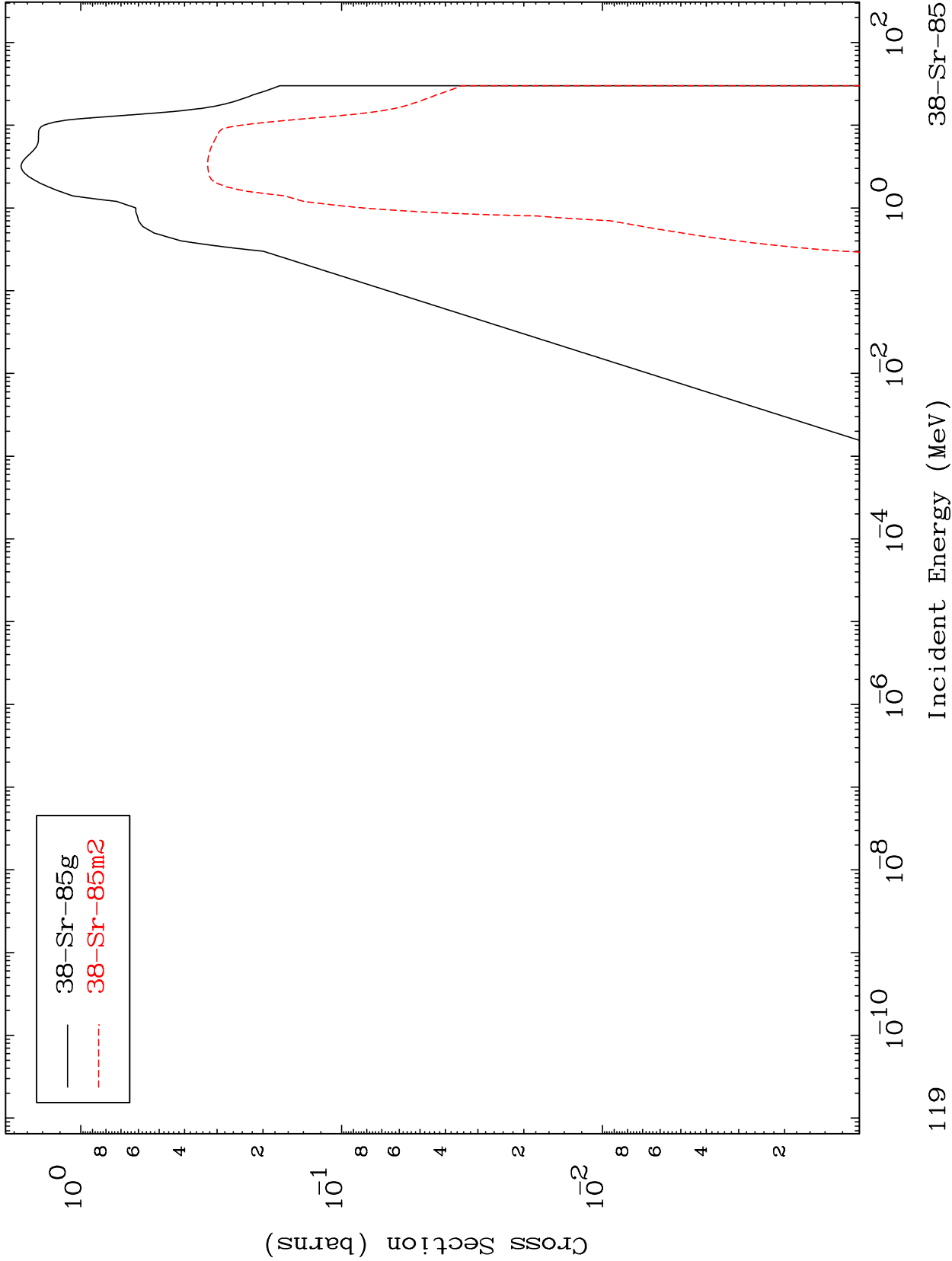
38-Sr-85



MAT 3828

Inelastic
Radionuclide Production Cross Section

38-Sr-85



119

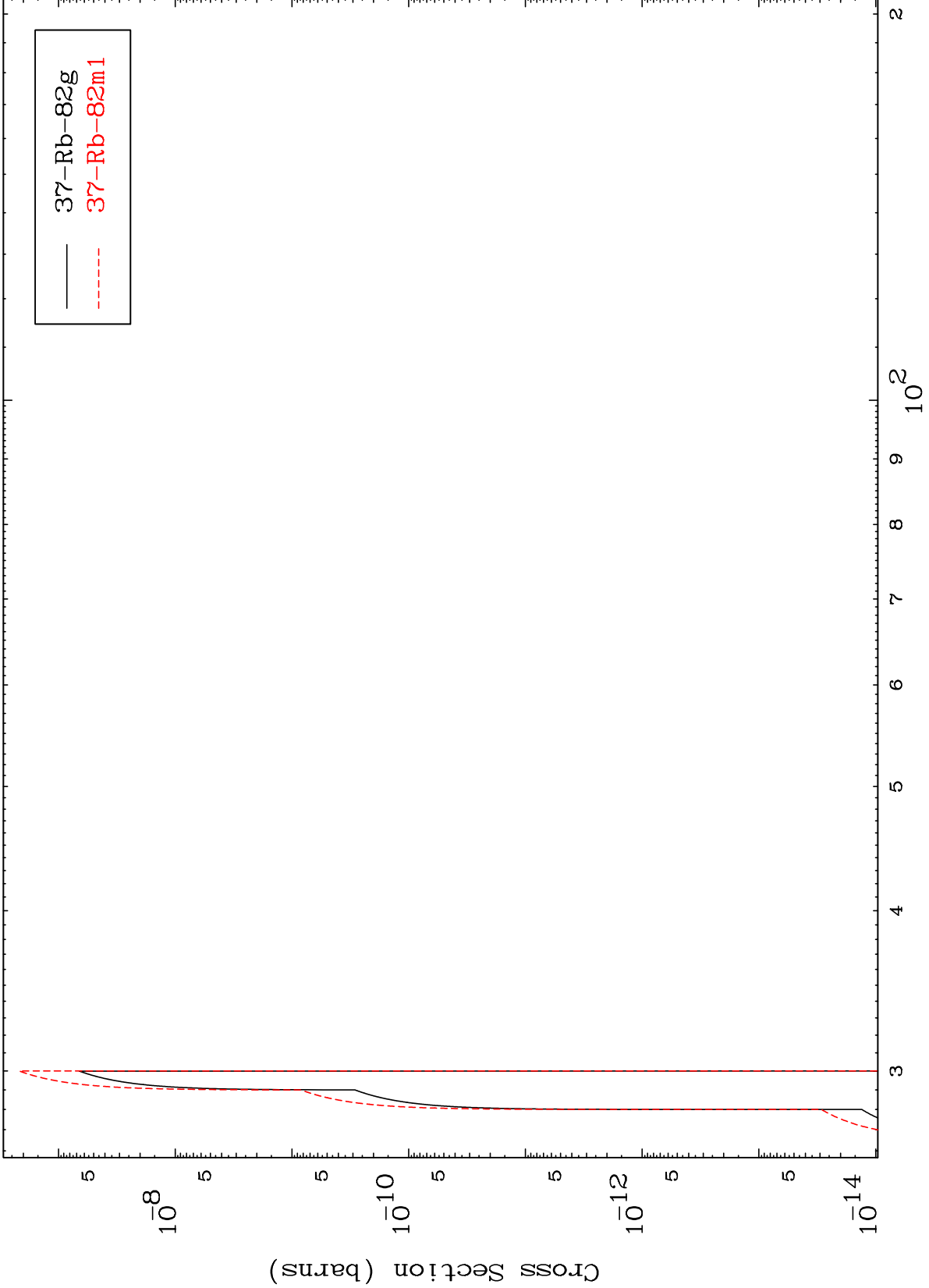
38-Sr-85

MAT 3828

(n,2n) d

38-Sr-85

Radionuclide Production Cross Section



120

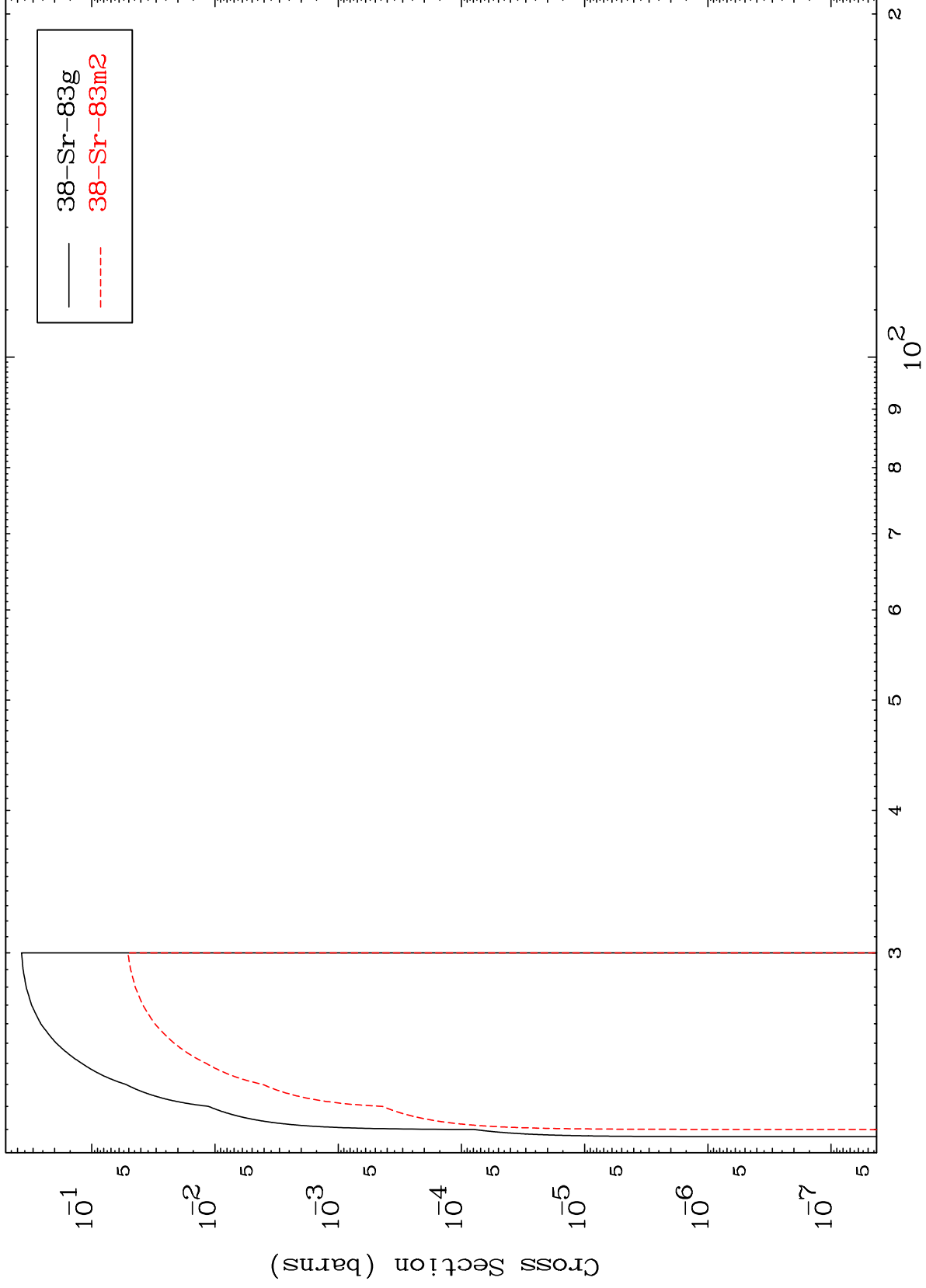
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

(n,3n)
Radionuclide Production Cross Section



121

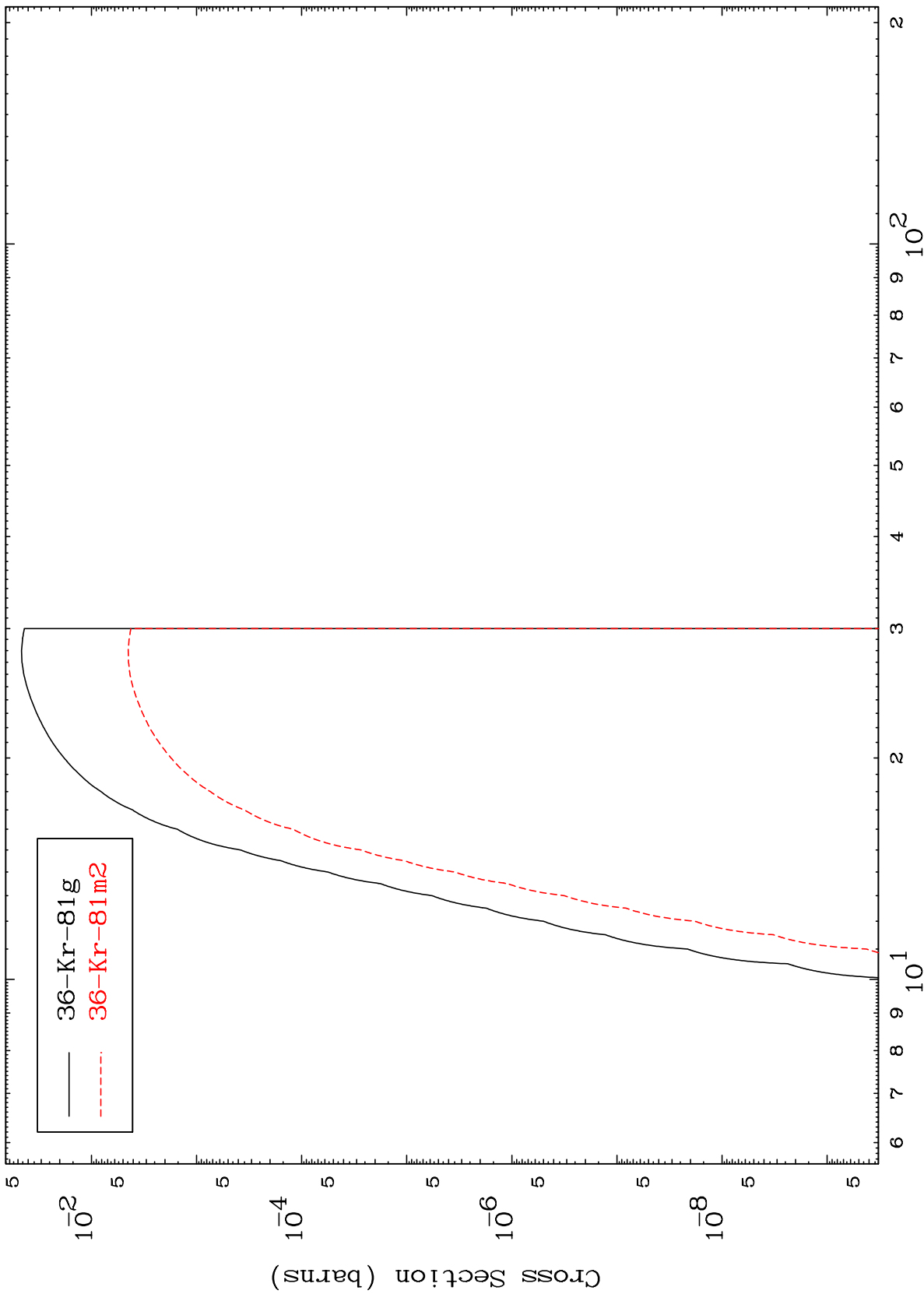
38-Sr-85

MAT 3828

$(n, n') \alpha$

38-Sr-85

Radionuclide Production Cross Section



122

Incident Energy (MeV)

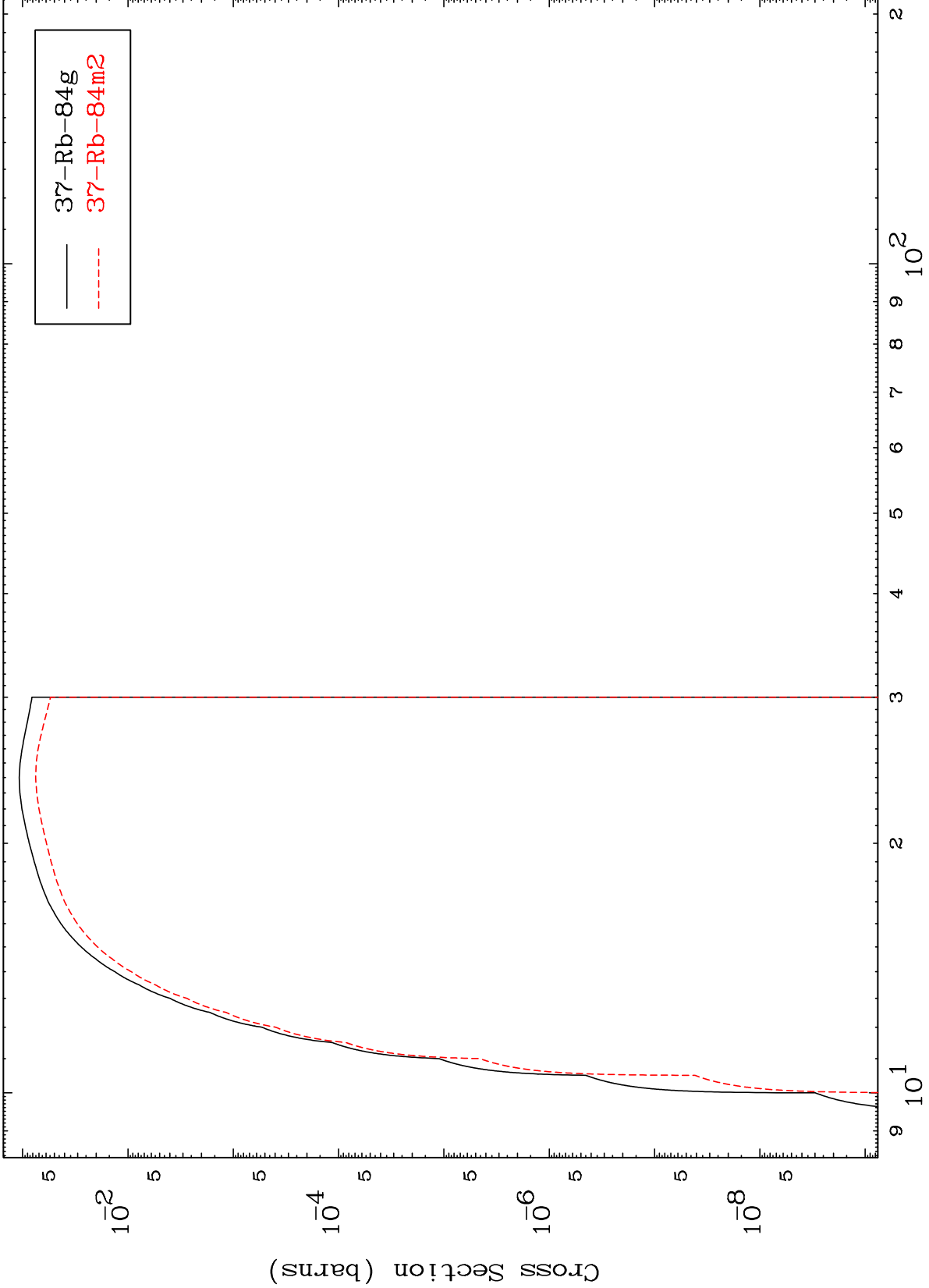
38-Sr-85

MAT 3828

(n,n') p

38-Sr-85

Radionuclide Production Cross Section

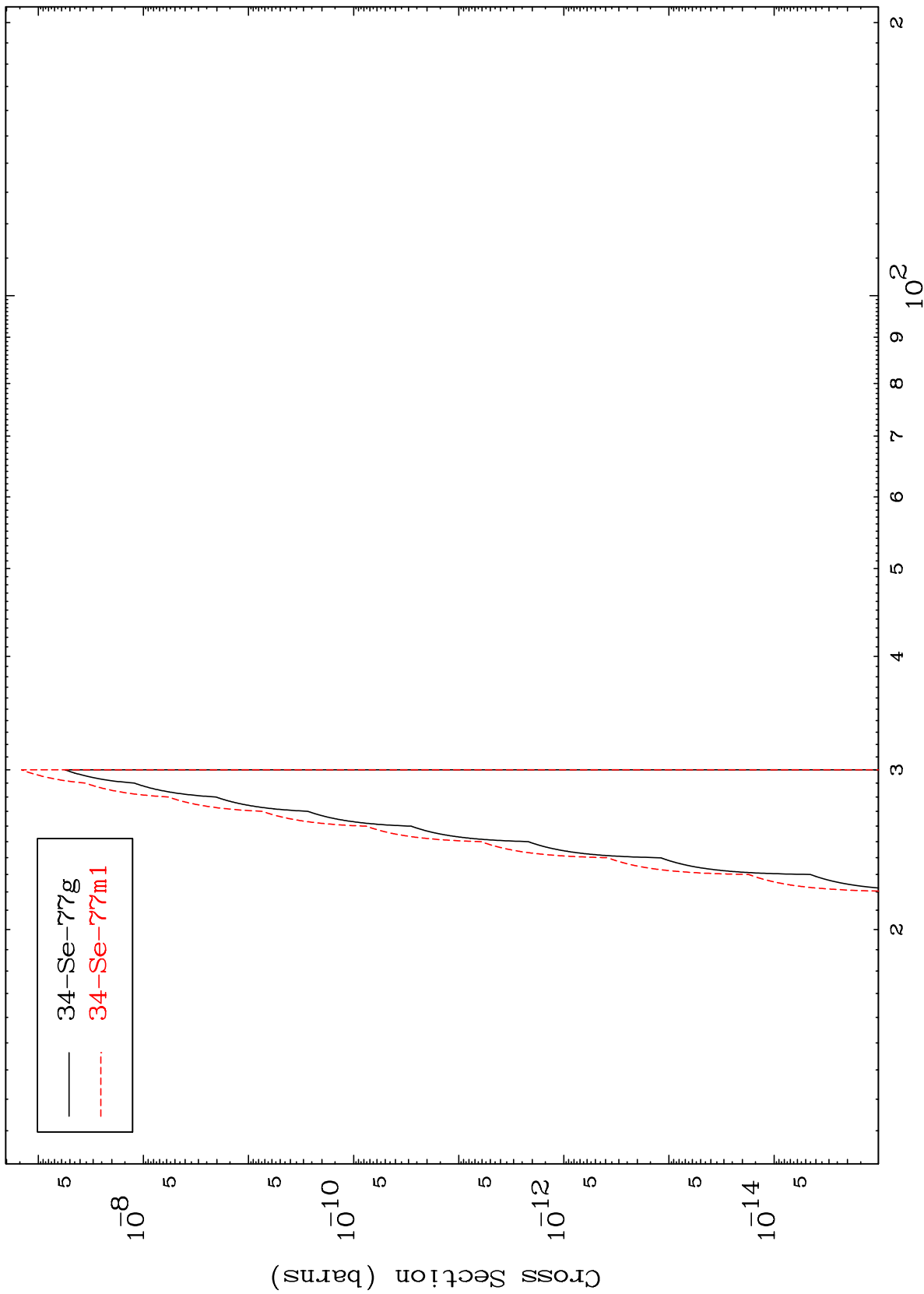


123

Incident Energy (MeV)

38-Sr-85

(n,n') 2α
Radionuclide Production Cross Section

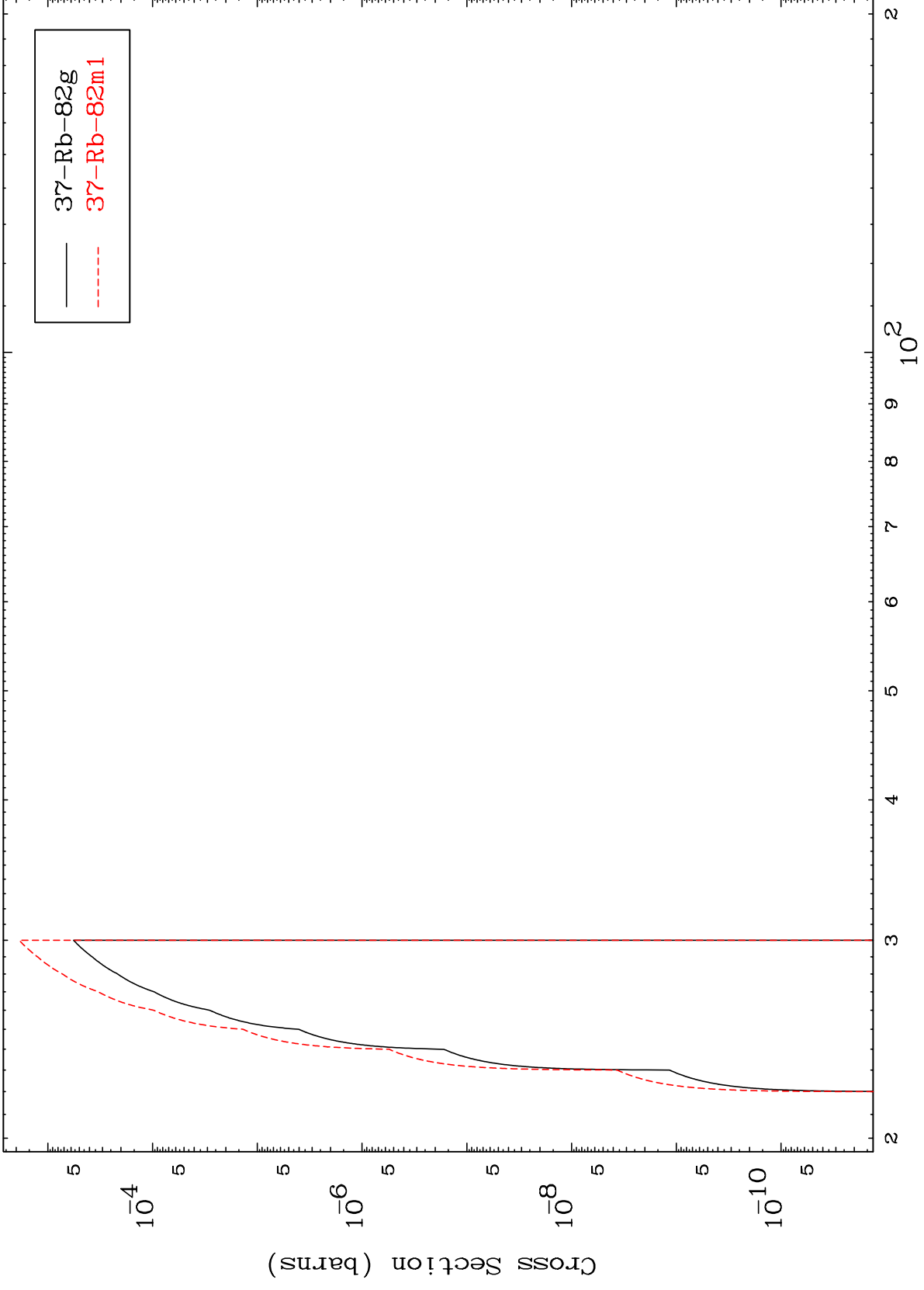


MAT 3828

(n,n') t

38-Sr-85

Radionuclide Production Cross Section

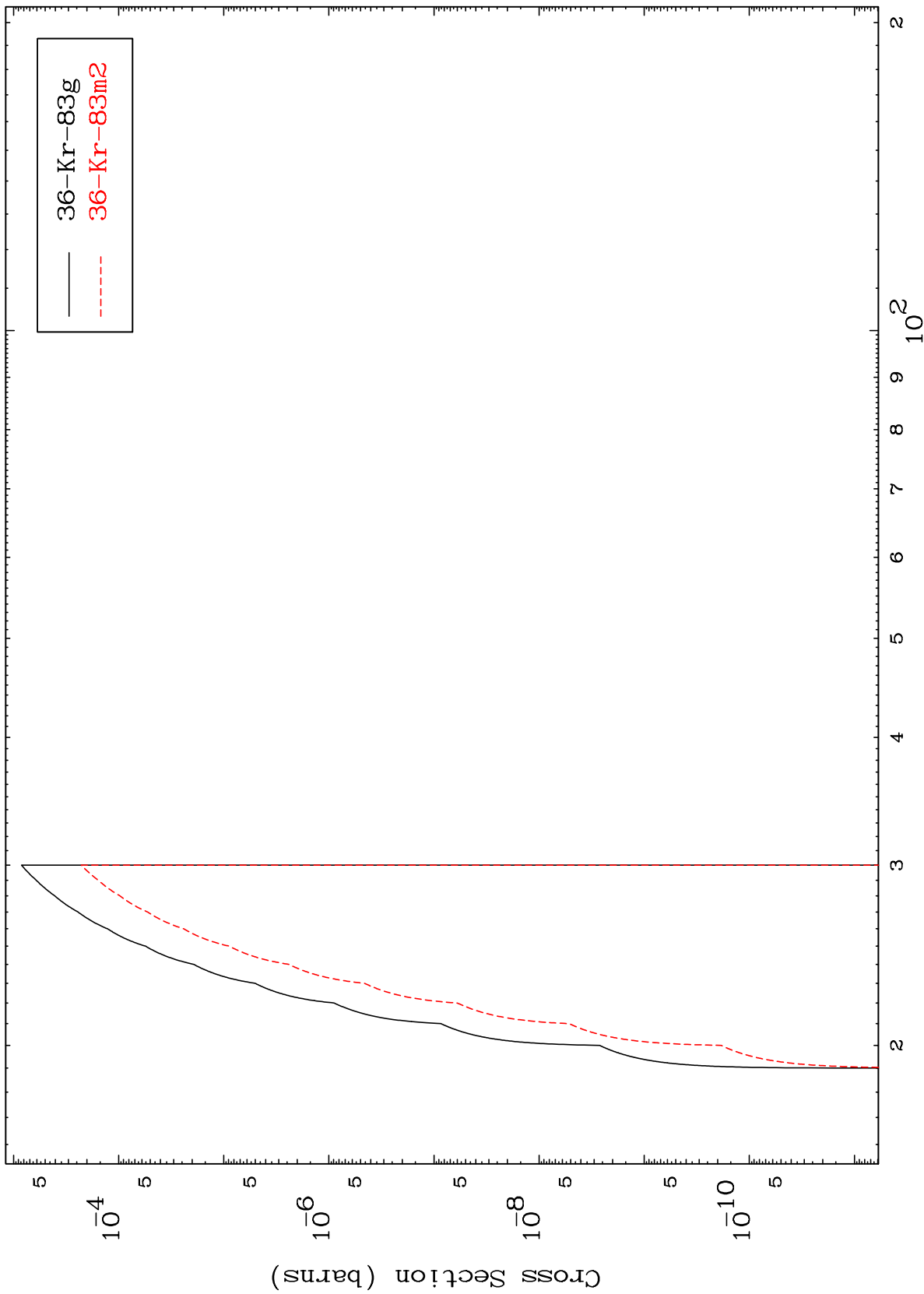


125

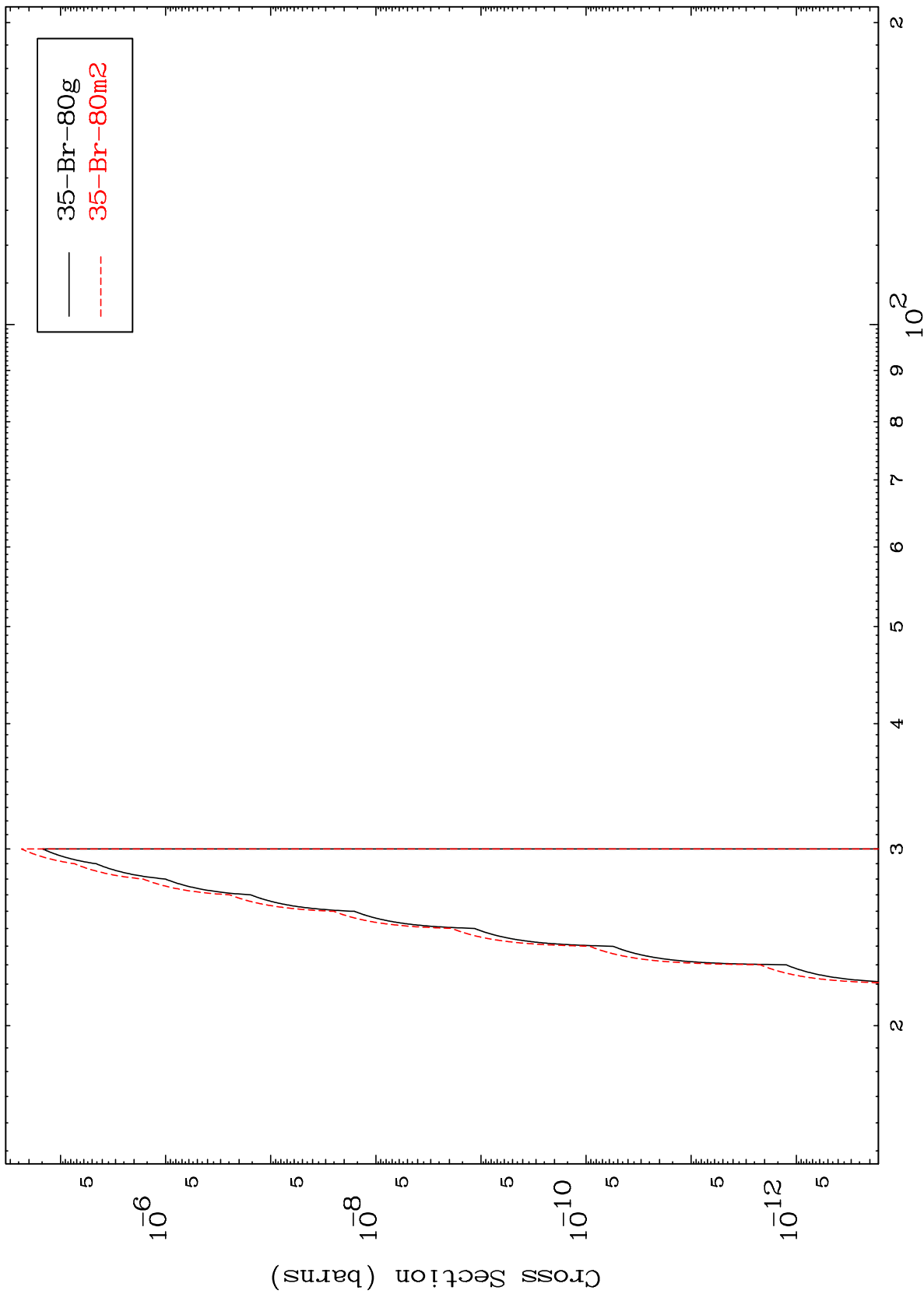
Incident Energy (MeV)

38-Sr-85

$(n,2n)$ p
Radionuclide Production Cross Section



(n,n') p α
Radionuclide Production Cross Section

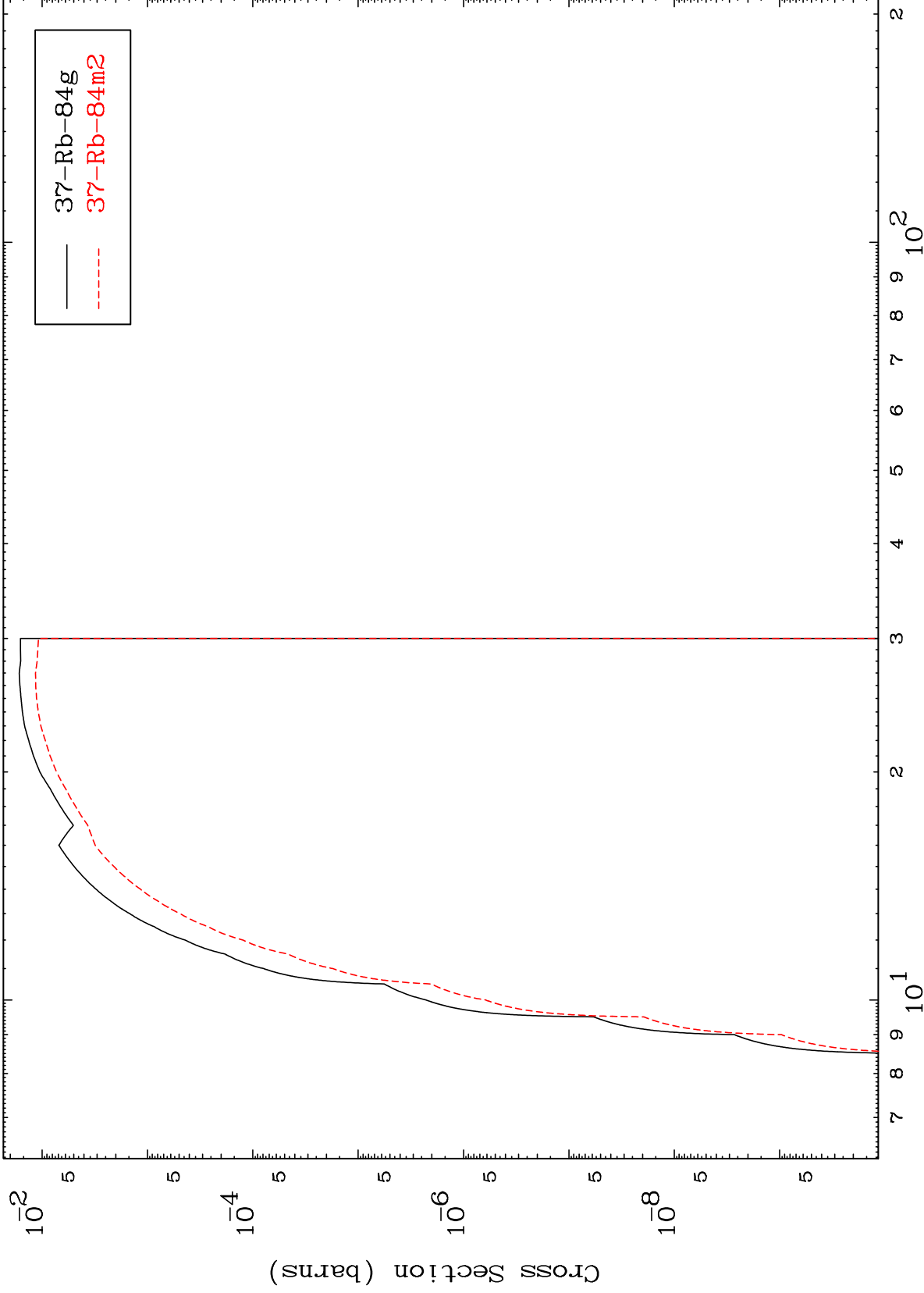


MAT 3828

(n,d)

38-Sr-85

Radionuclide Production Cross Section



128

Incident Energy (MeV)

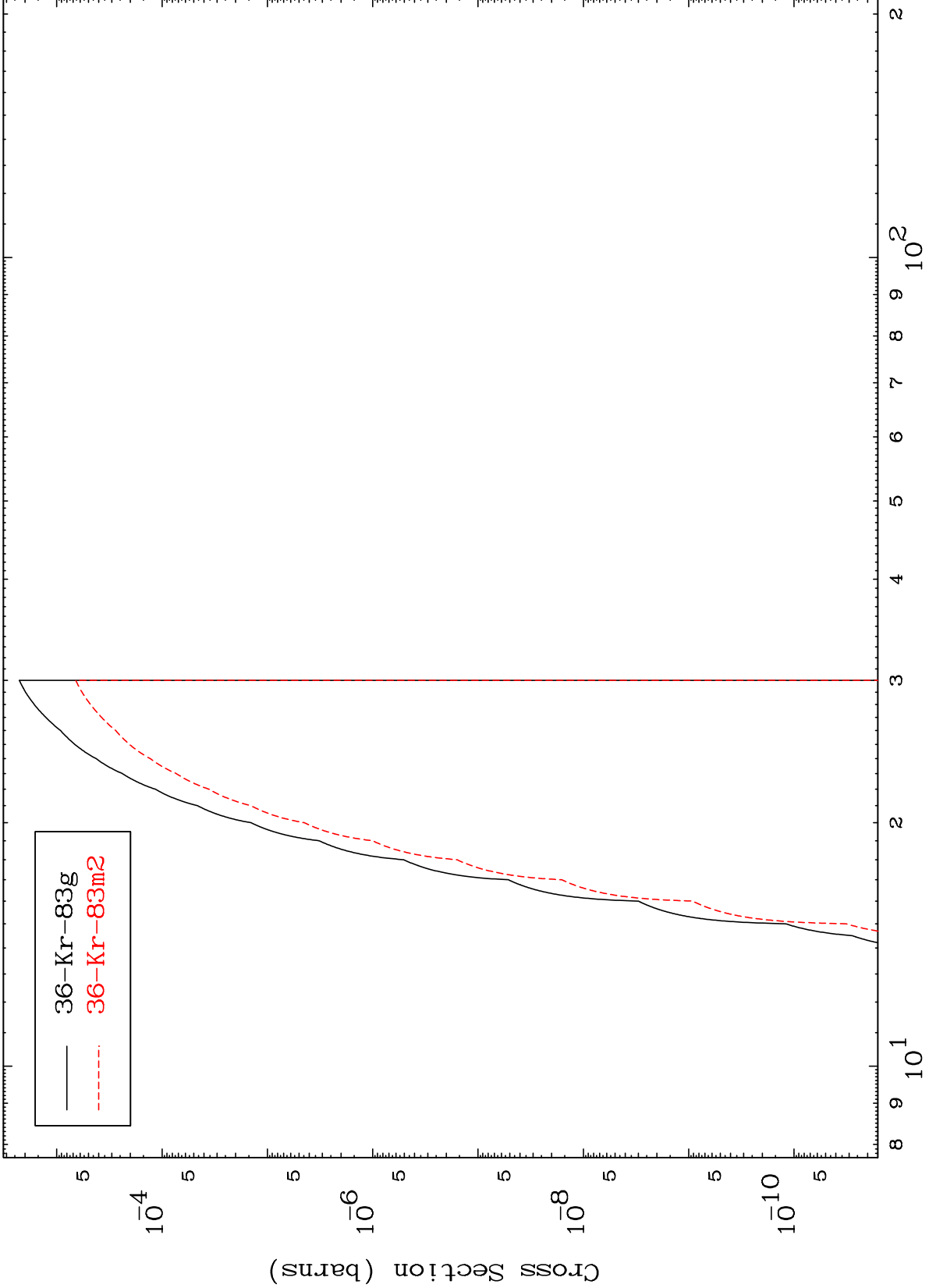
38-Sr-85

MAT 3828

(n,He-3)

38-Sr-85

Radionuclide Production Cross Section



36-Kr-83g
36-Kr-83m2

129

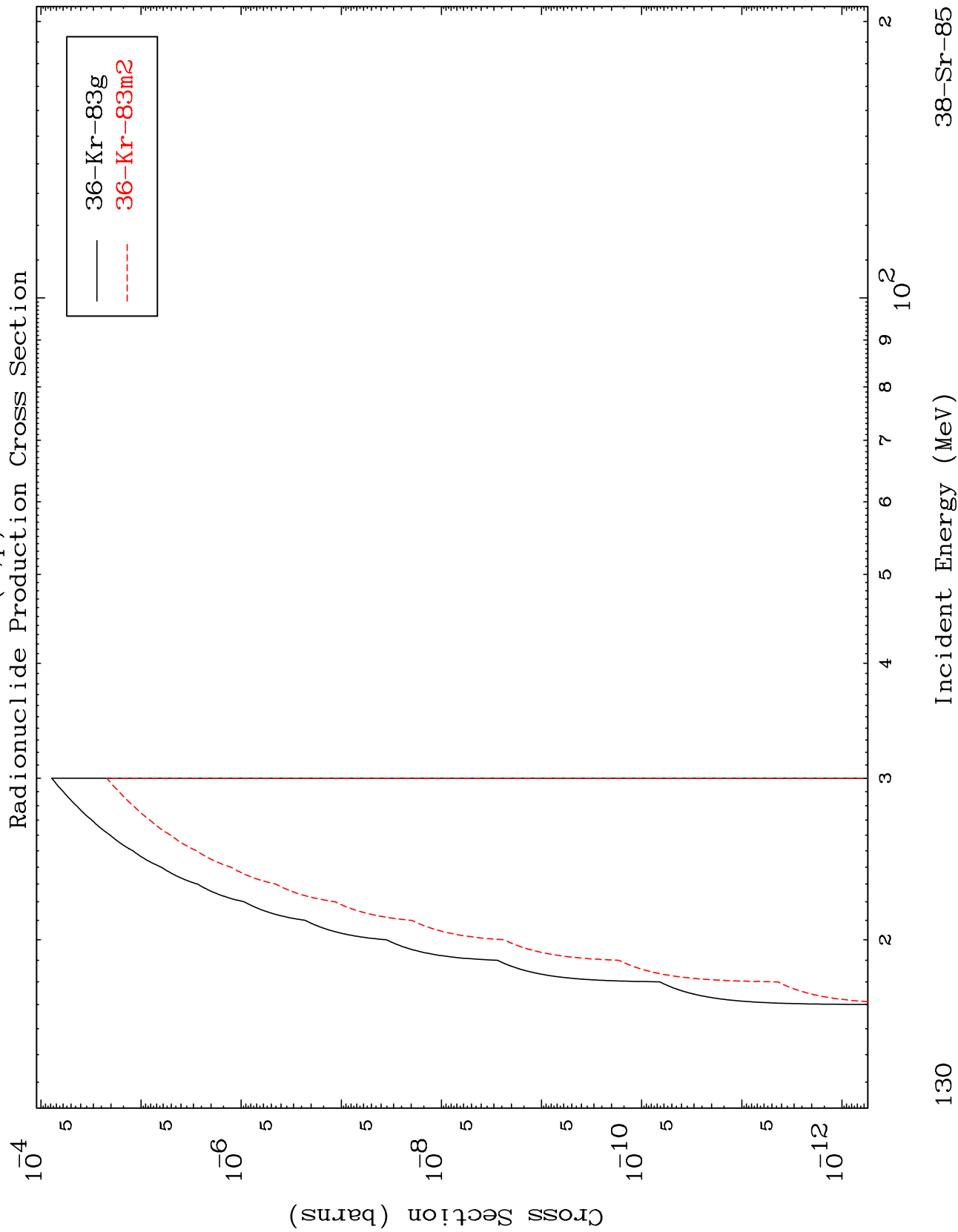
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,p) d

38-Sr-85



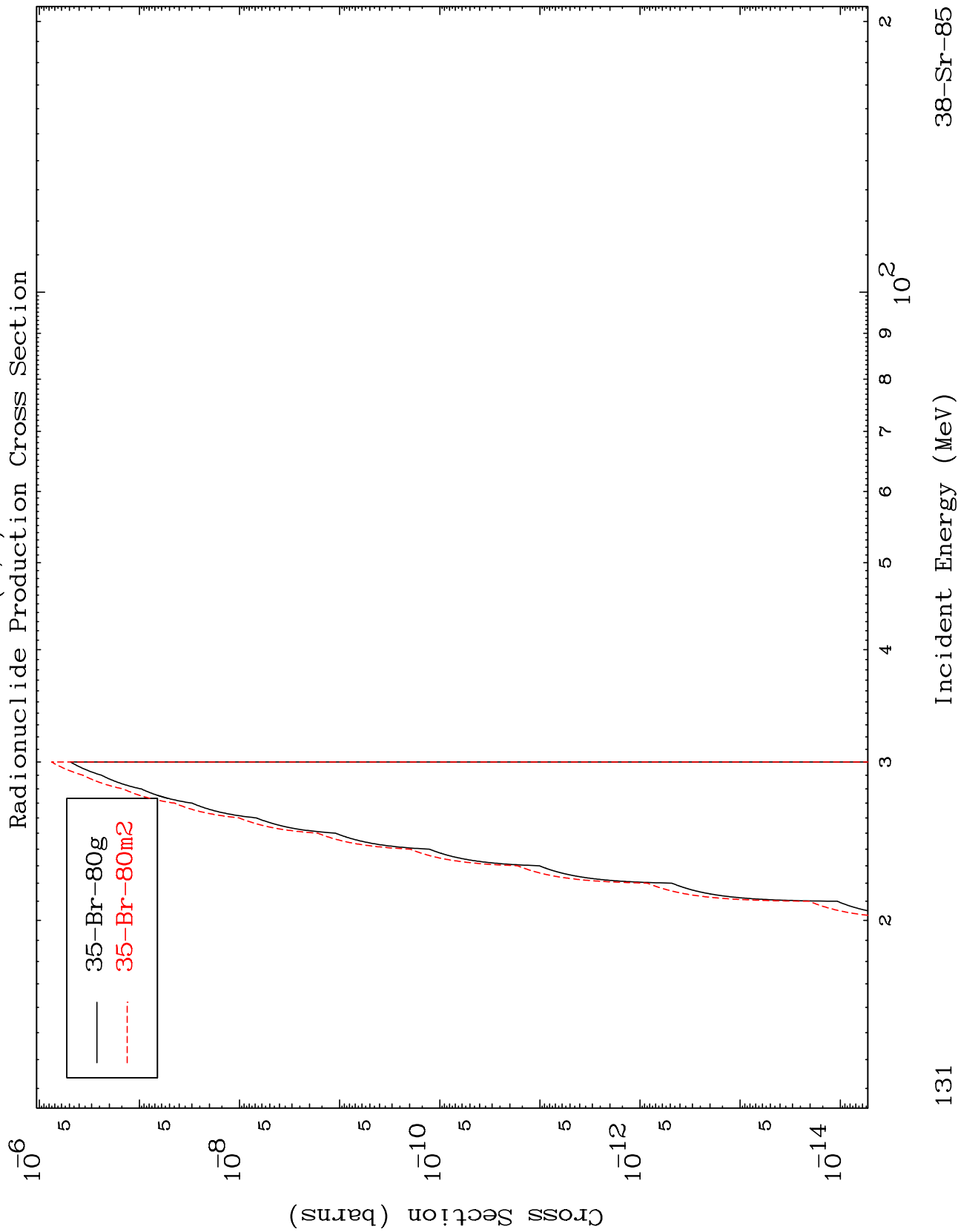
130

38-Sr-85

MAT 3828

(n,d) α

38-Sr-85



131

38-Sr-85