

Program EVALPLOT
(Version 2018-1)

by

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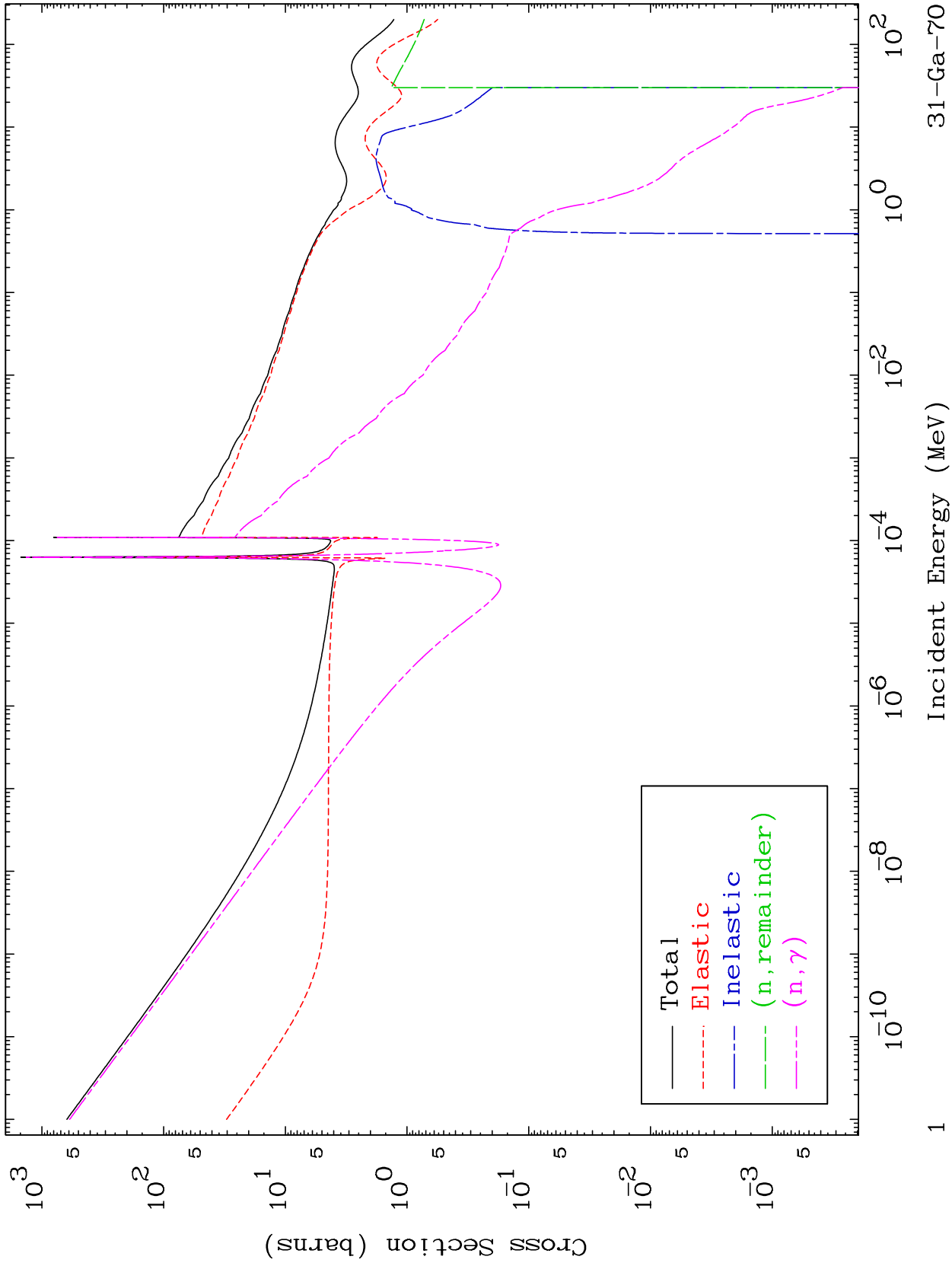
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3128

Major
293 Kelvin Cross Sections

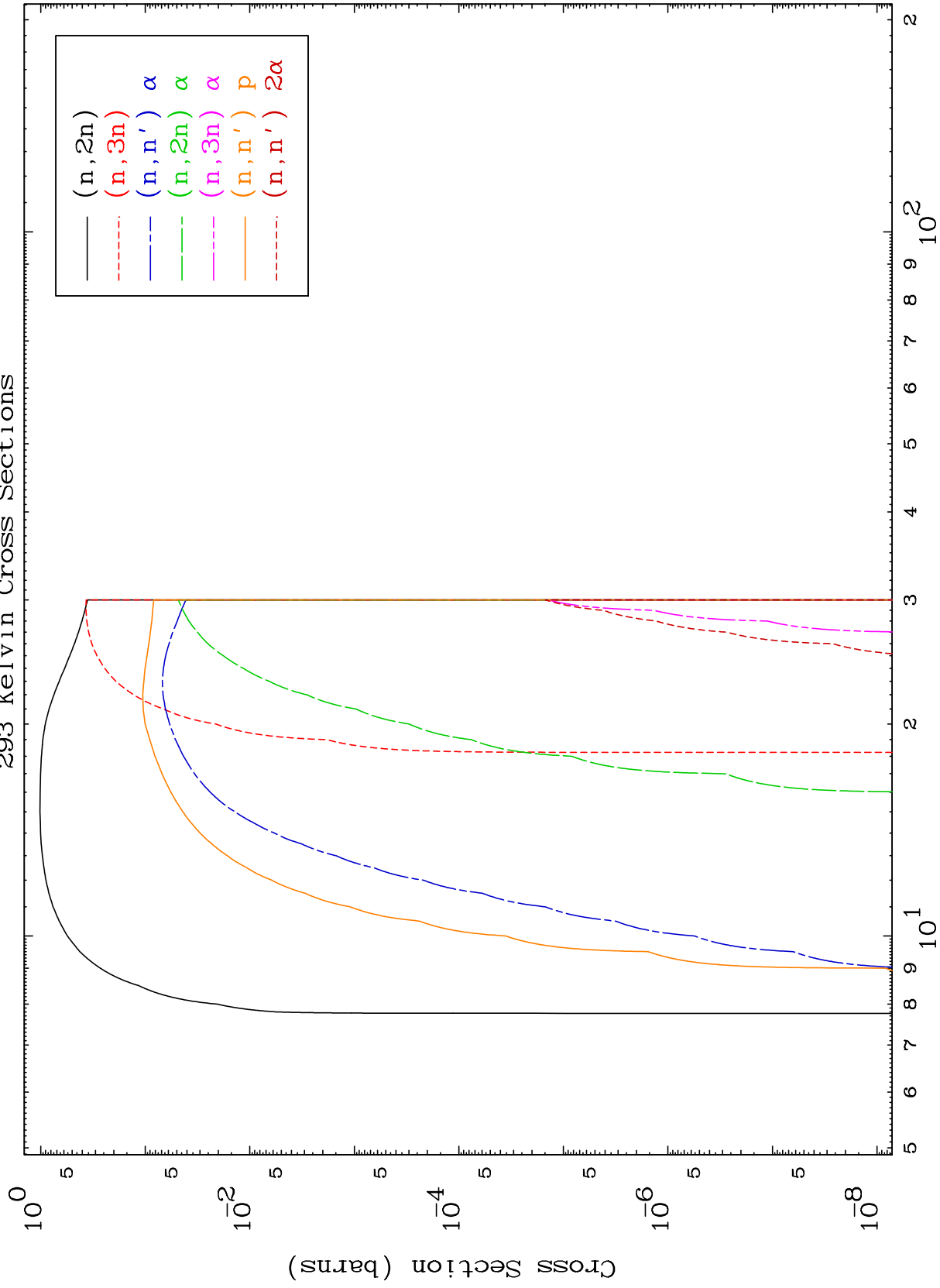
31-Ga-70



MAT 3128

Neutron Production
293 Kelvin Cross Sections

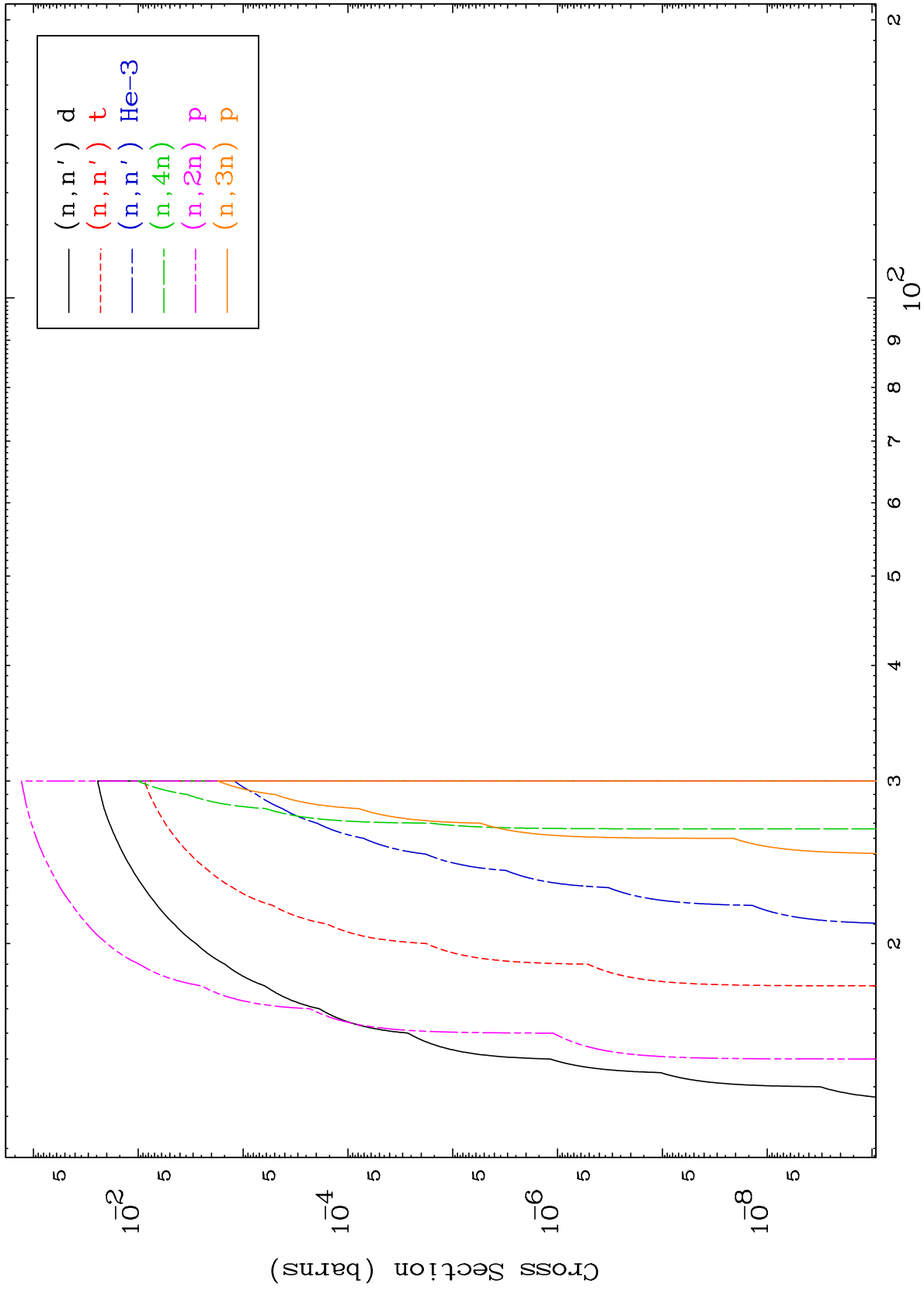
31-Ga-70

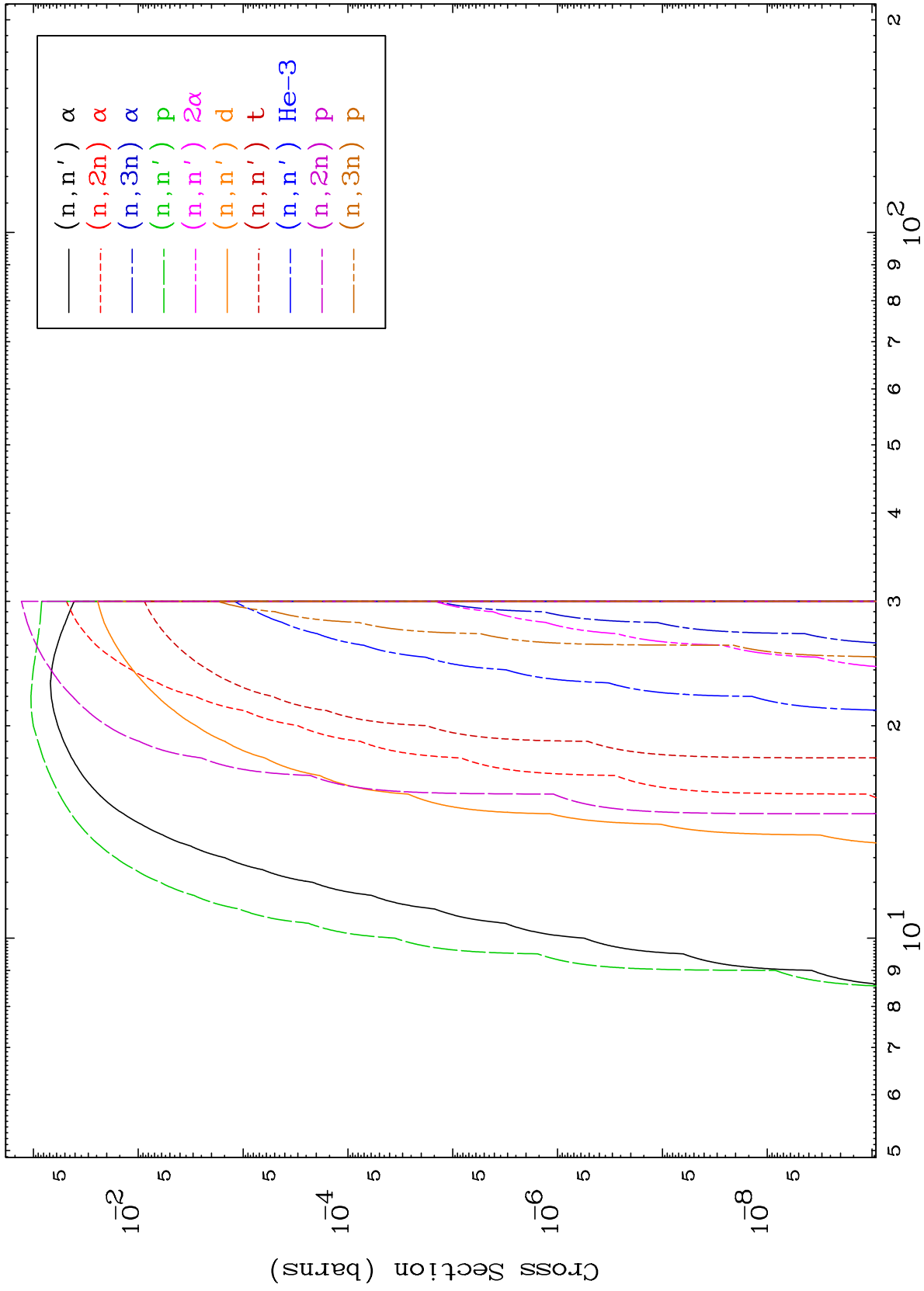


2

Incident Energy (MeV)

31-Ga-70

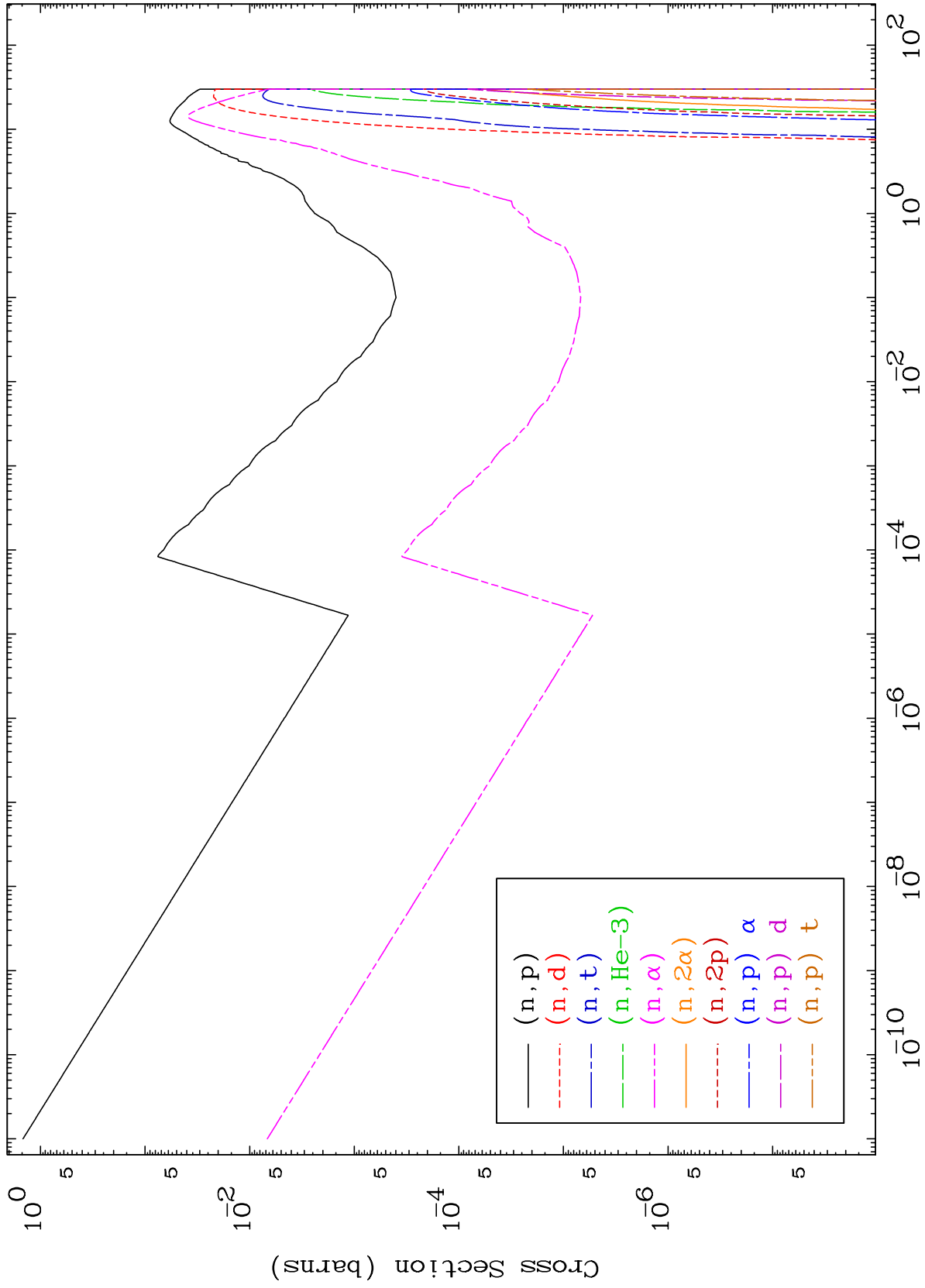




MAT 3128

Charged Particle
293 Kelvin Cross Sections

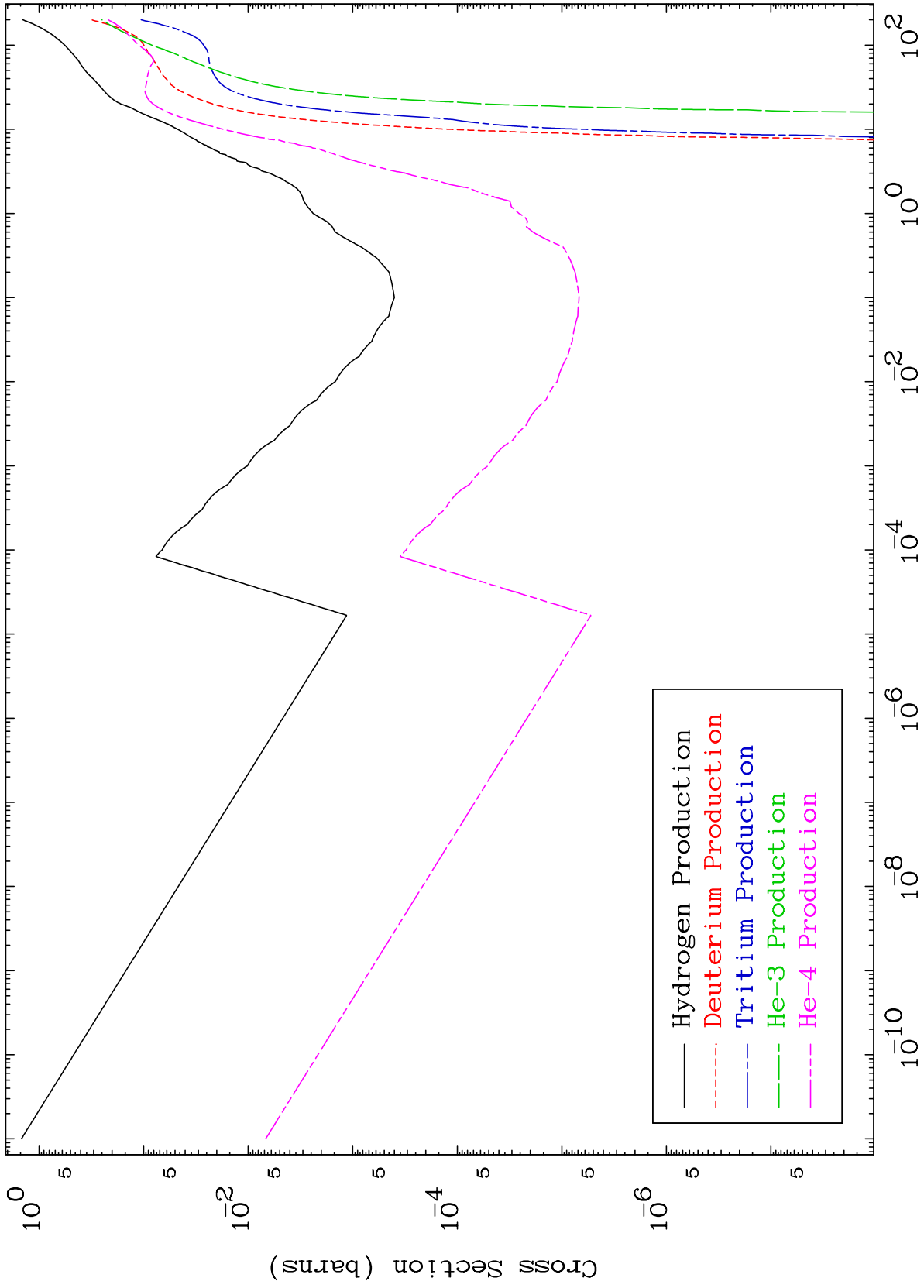
31-Ga-70



MAT 3128

Particle Production
293 Kelvin Cross Sections

31-Ga-70

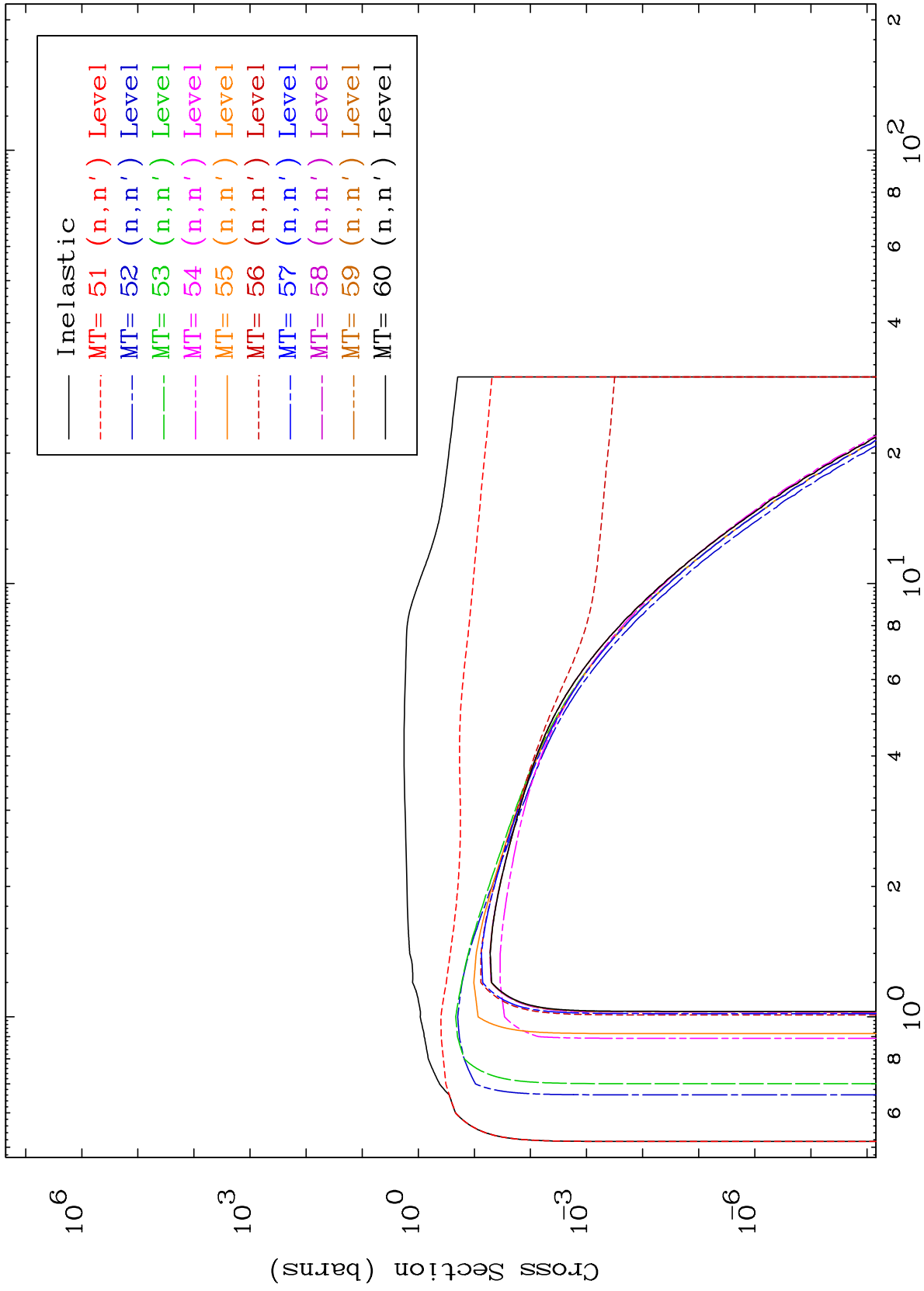


MAT 3128

(n,n') Level

31-Ga-70

293 Kelvin Cross Sections



7

Incident Energy (MeV)

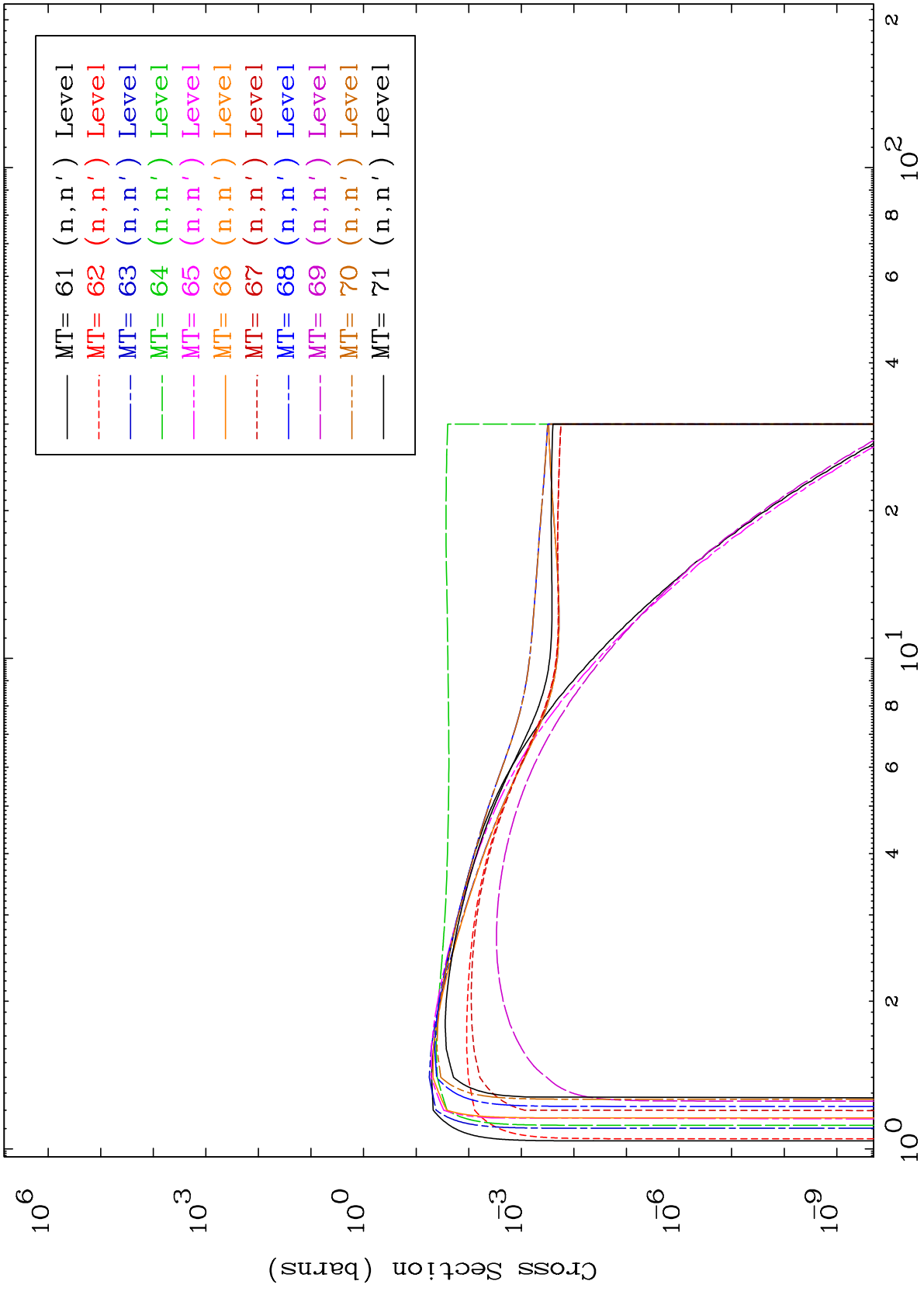
31-Ga-70

MAT 3128

(n,n') Level

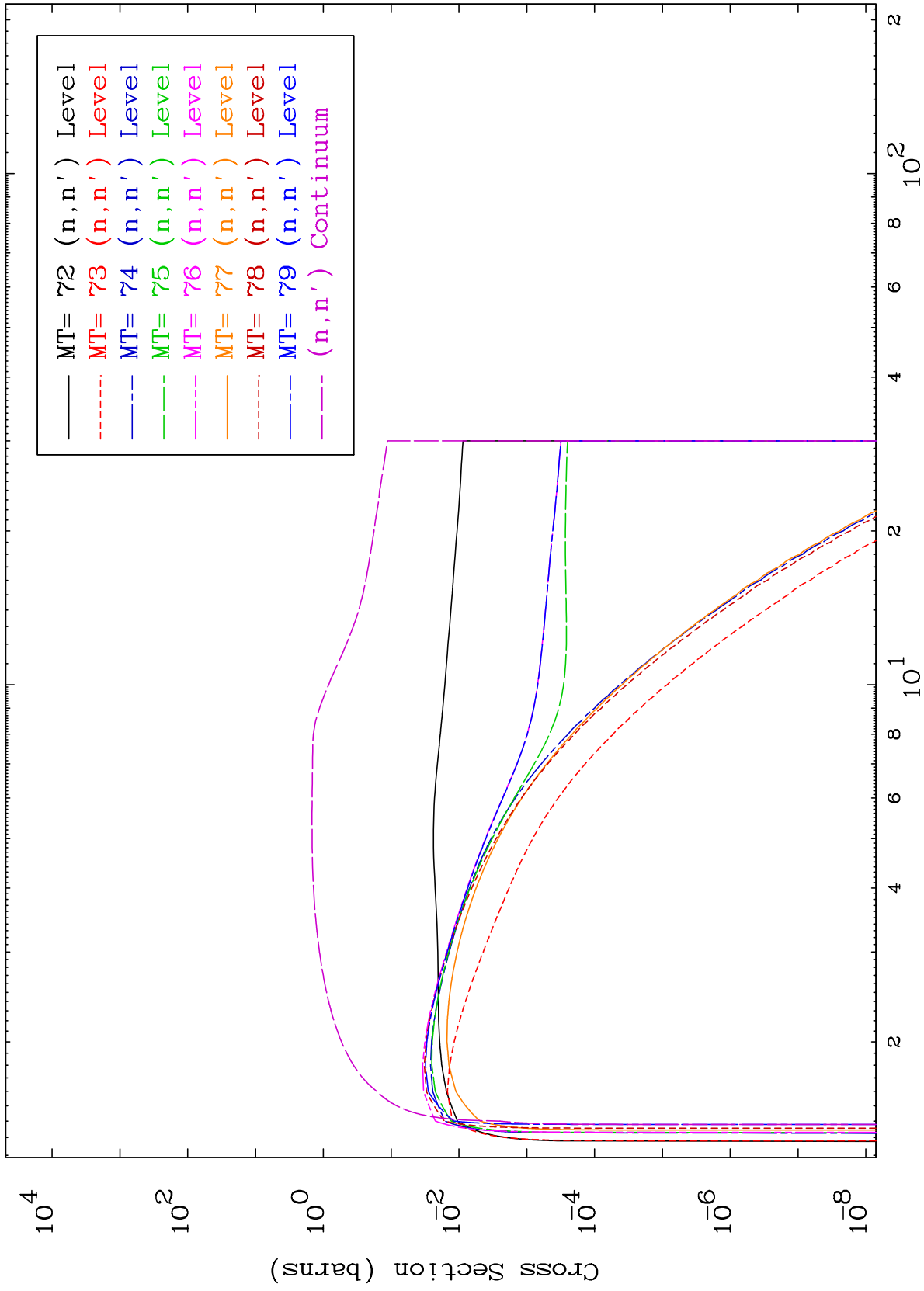
31-Ga-70

293 Kelvin Cross Sections



Incident Energy (MeV)

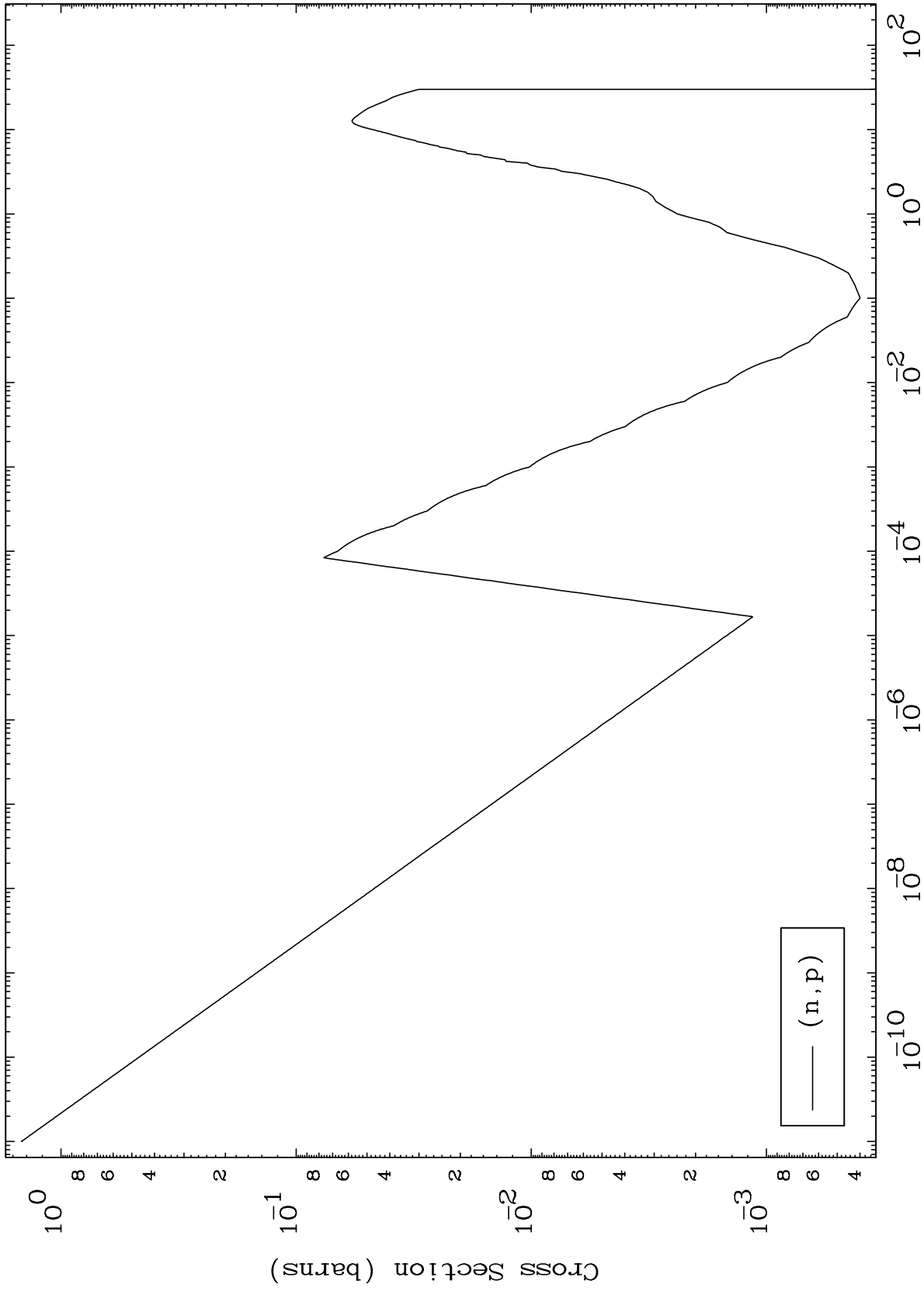
31-Ga-70



MAT 3128

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-70



10

Incident Energy (MeV)

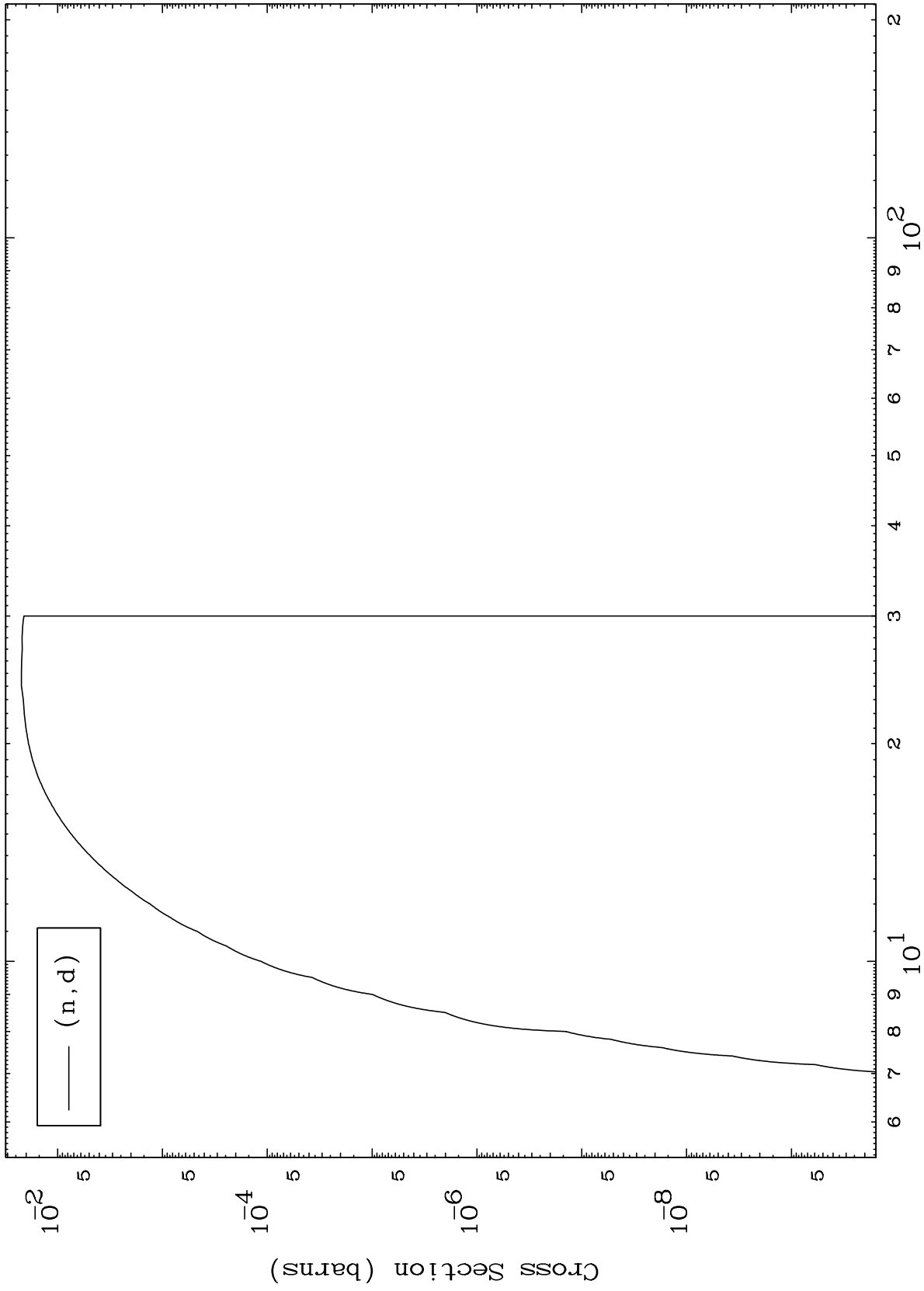
31-Ga-70

— (n, p)

MAT 3128

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-70



11

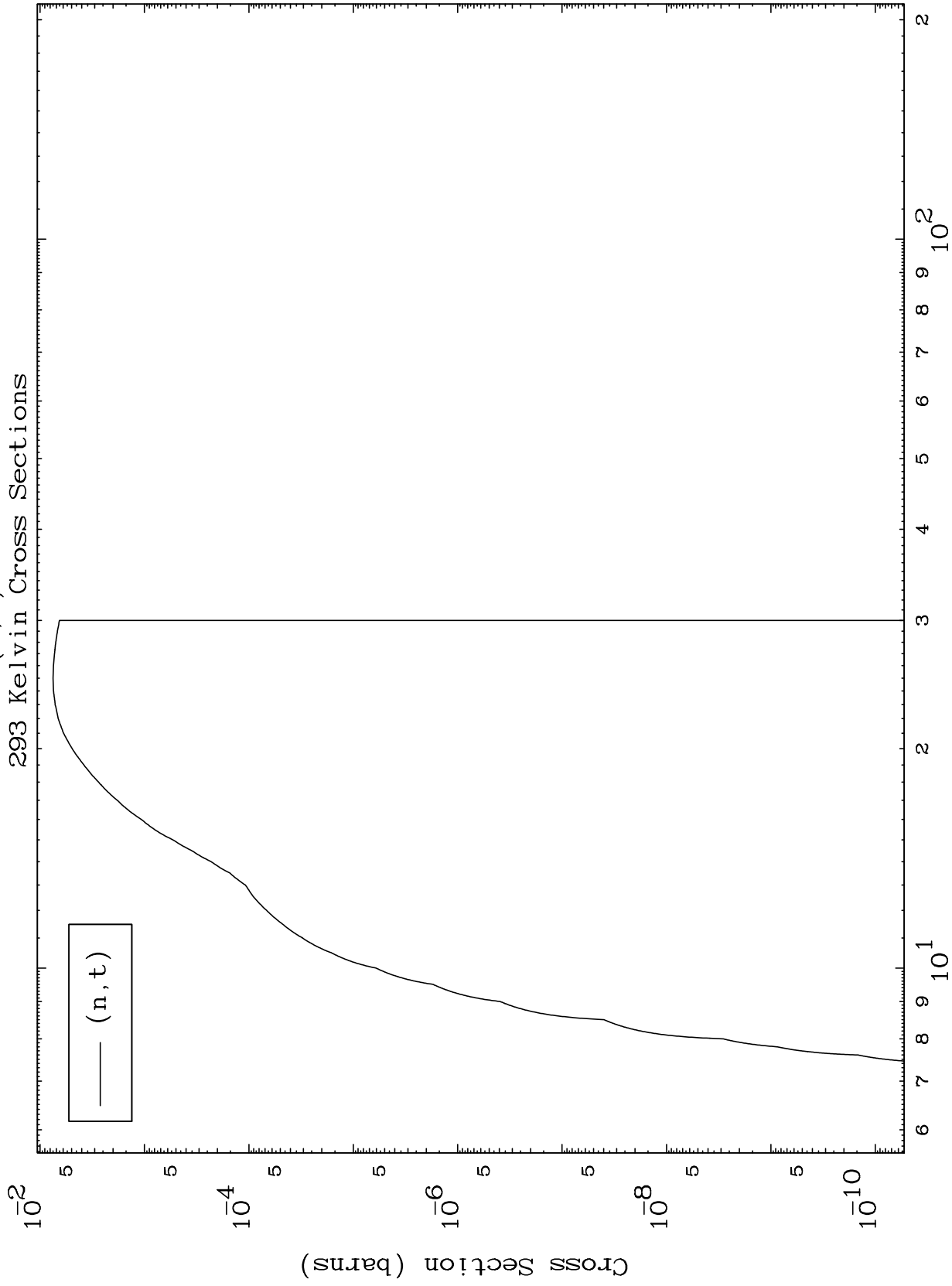
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-70



12

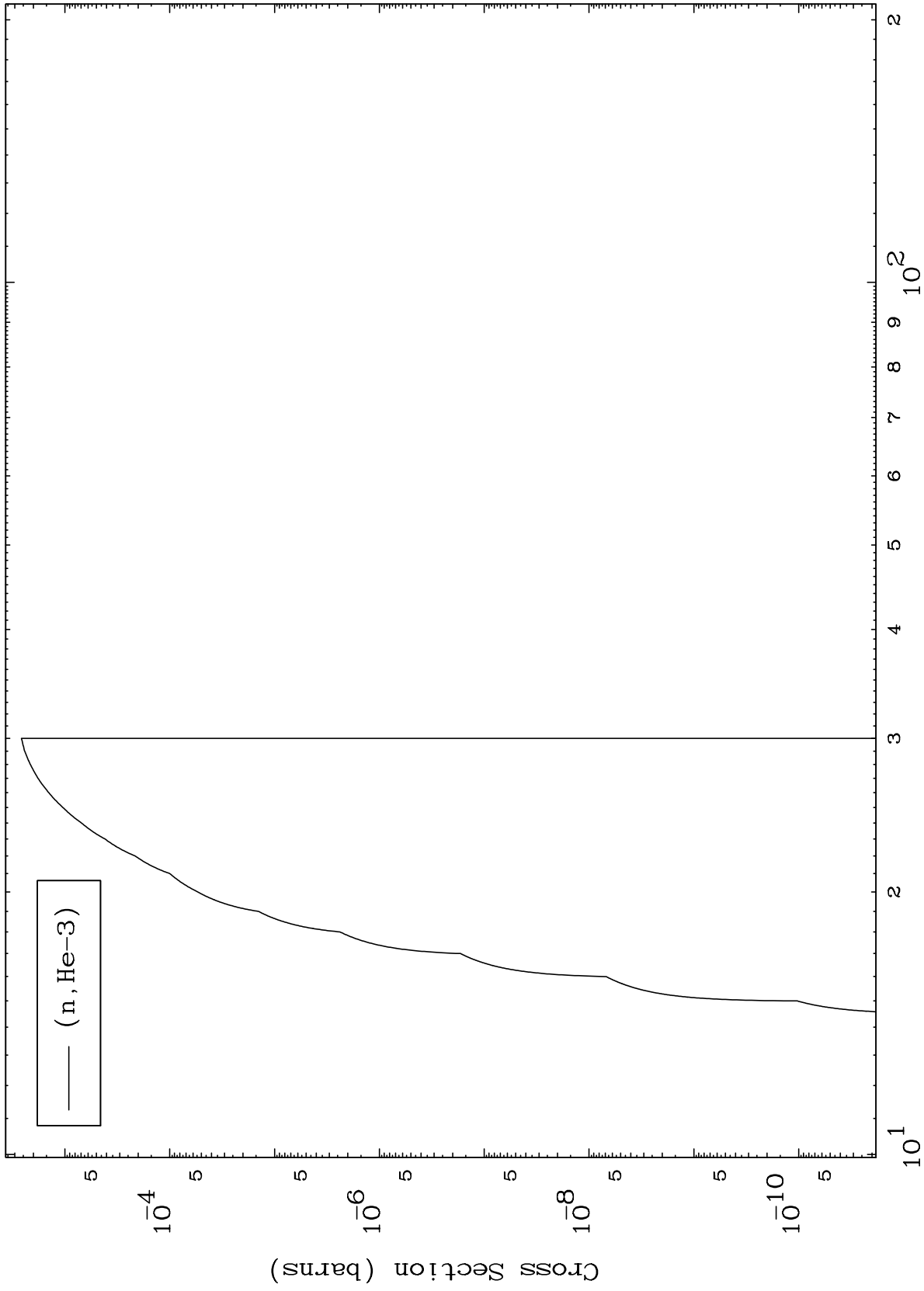
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-70



13

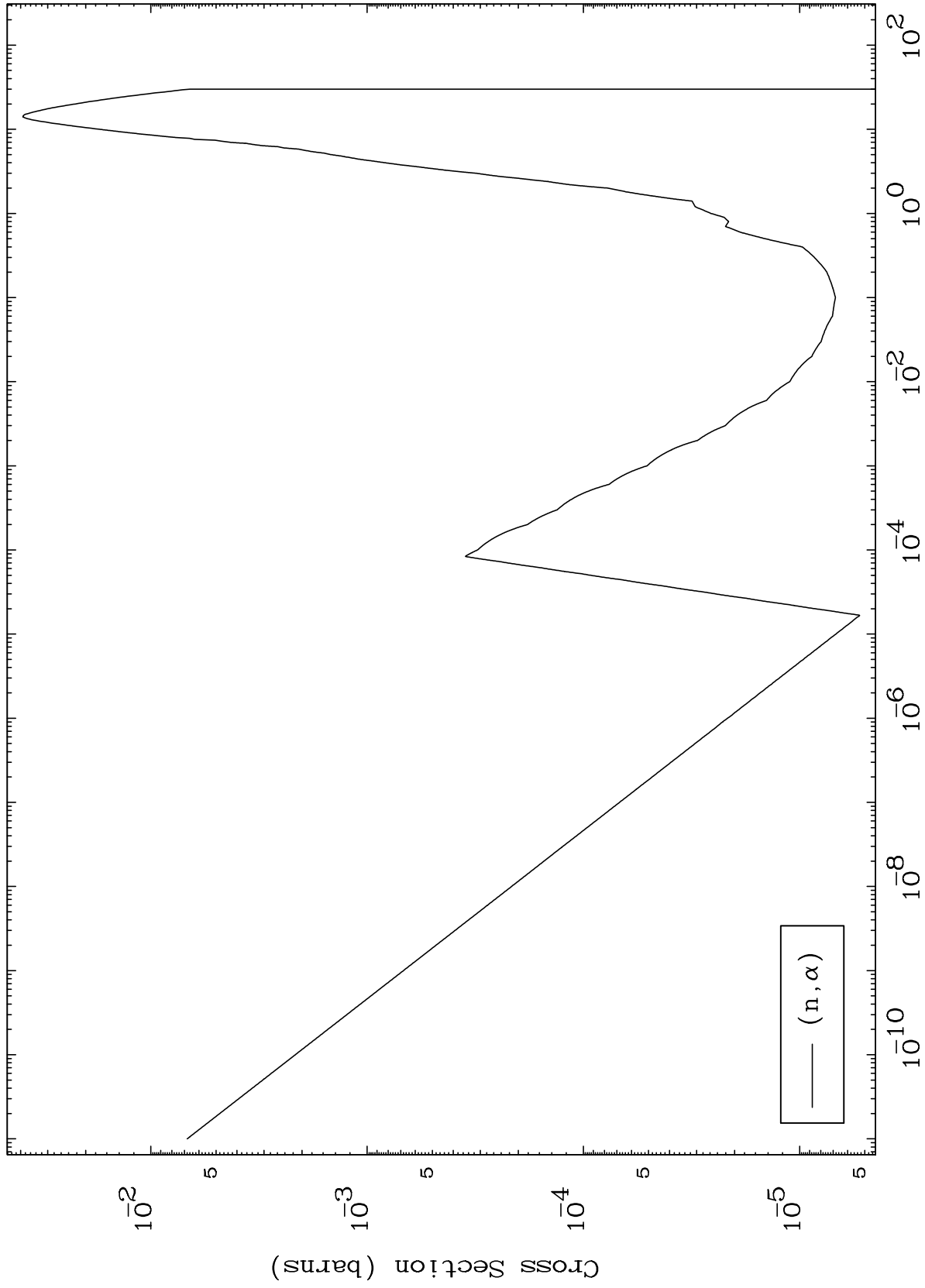
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,α) Levels
293 Kelvin Cross Sections

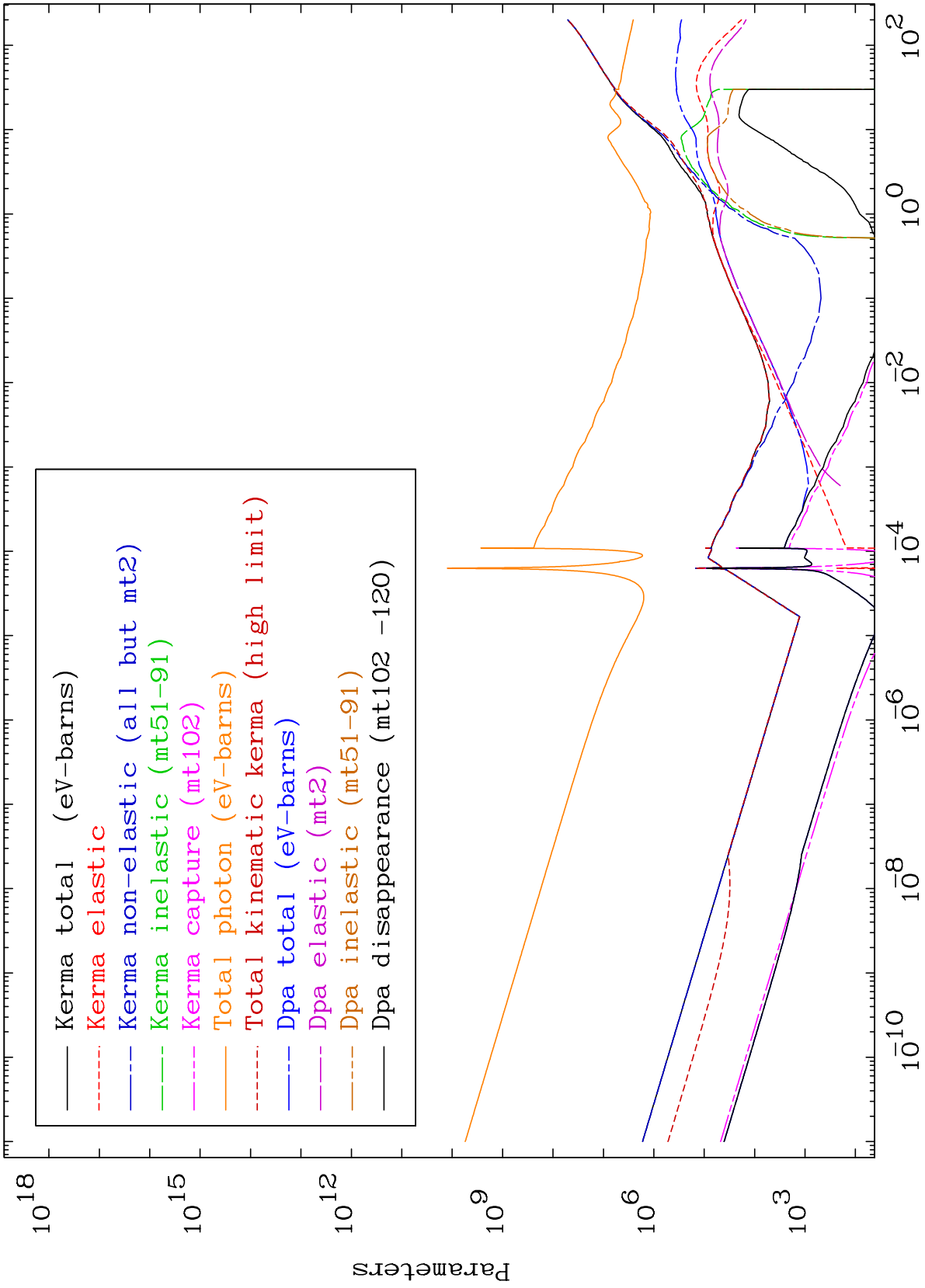
31-Ga-70



14

Incident Energy (MeV)

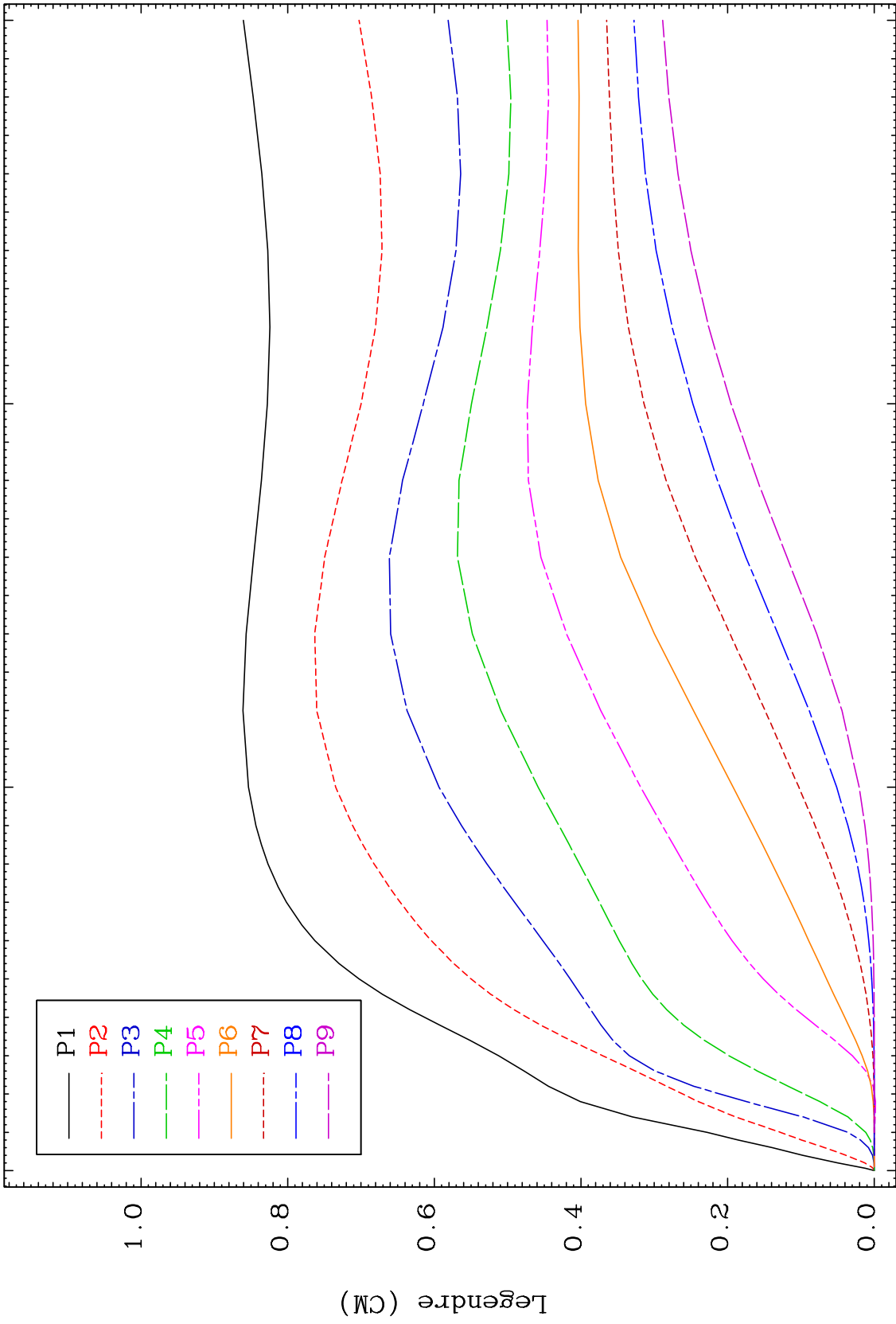
31-Ga-70



MAT 3128

Elastic Legendre Coefficients

31-Ga-70



0

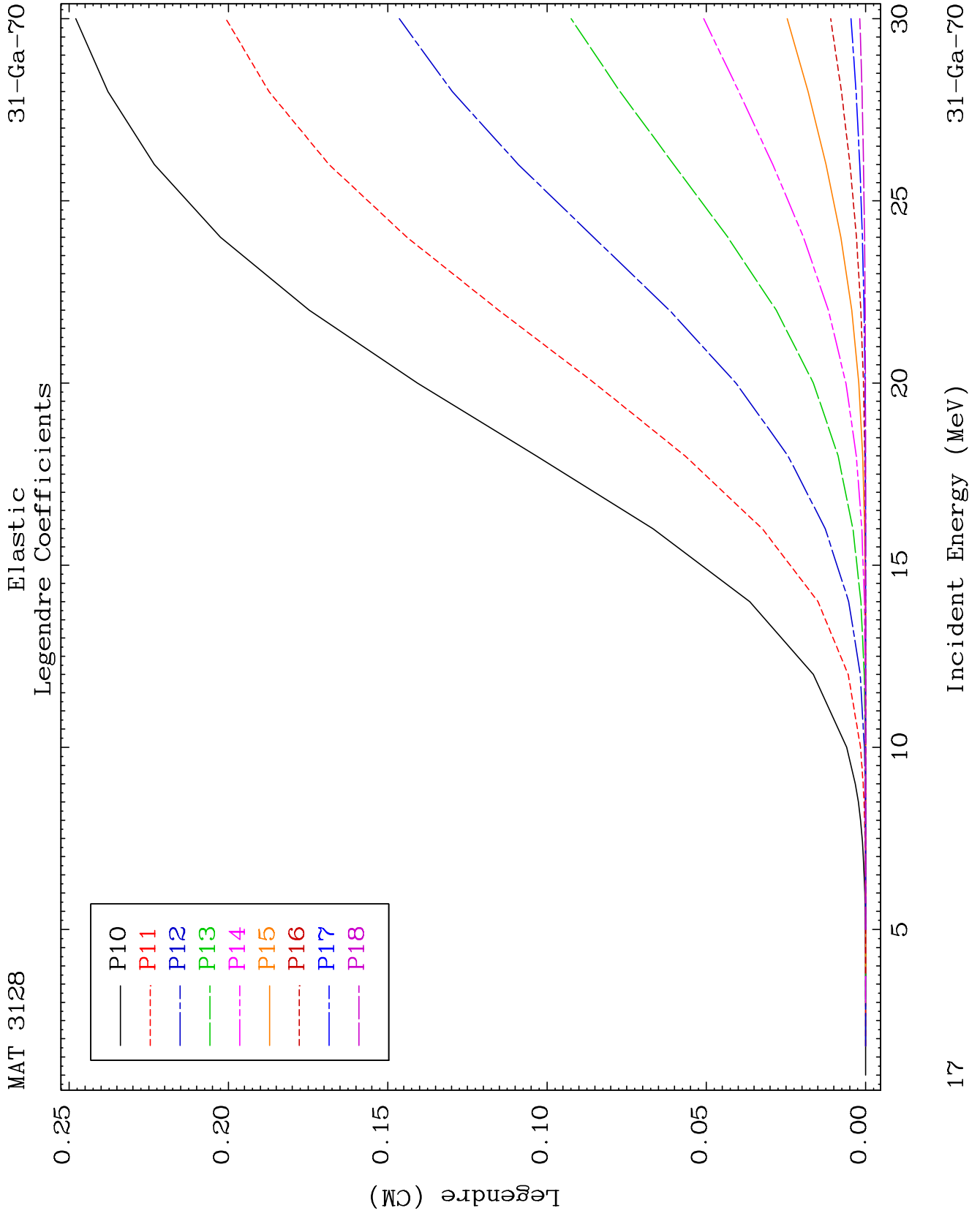
16

10

20

30

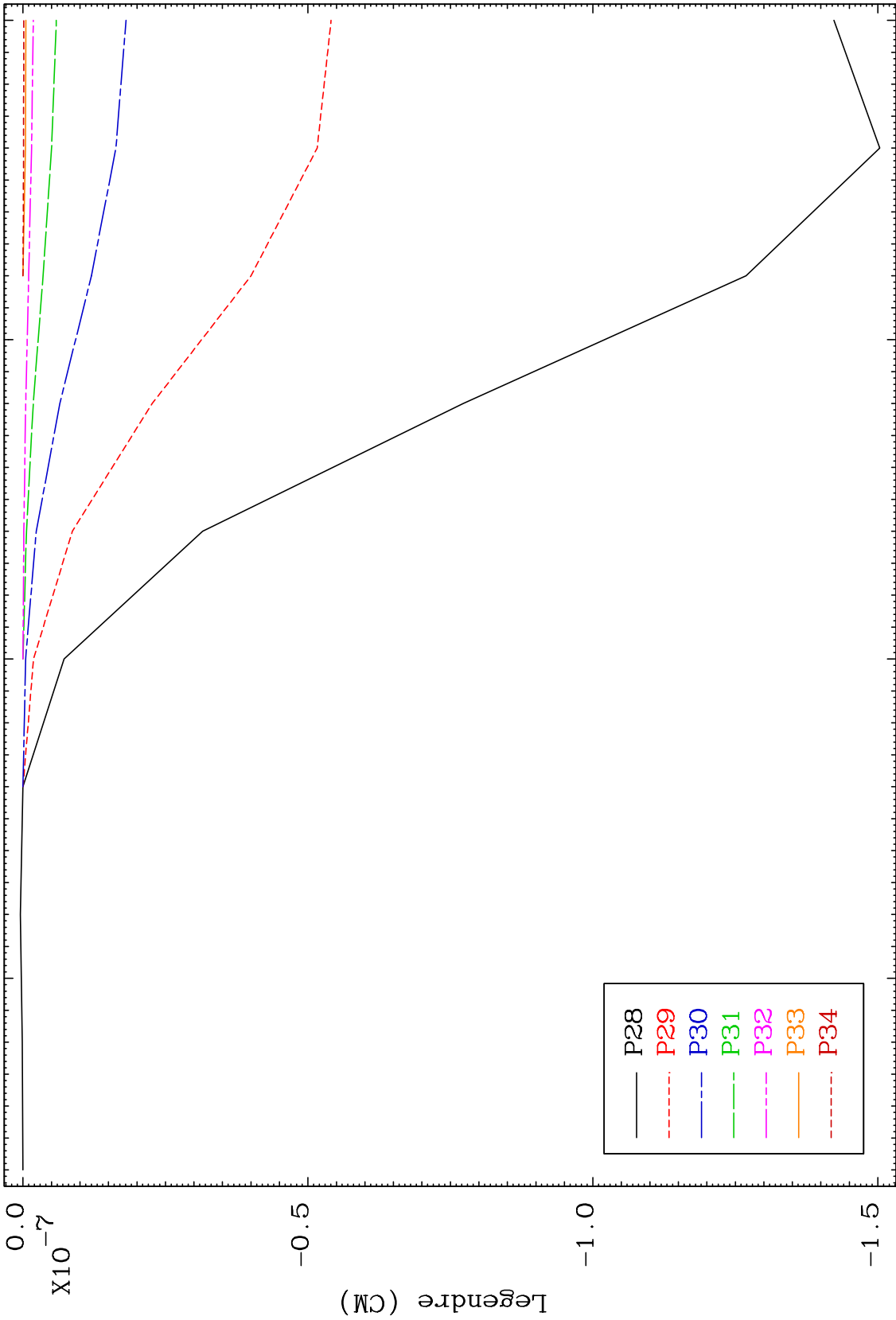
31-Ga-70



MAT 3128

31-Ga-70

Elastic Legendre Coefficients

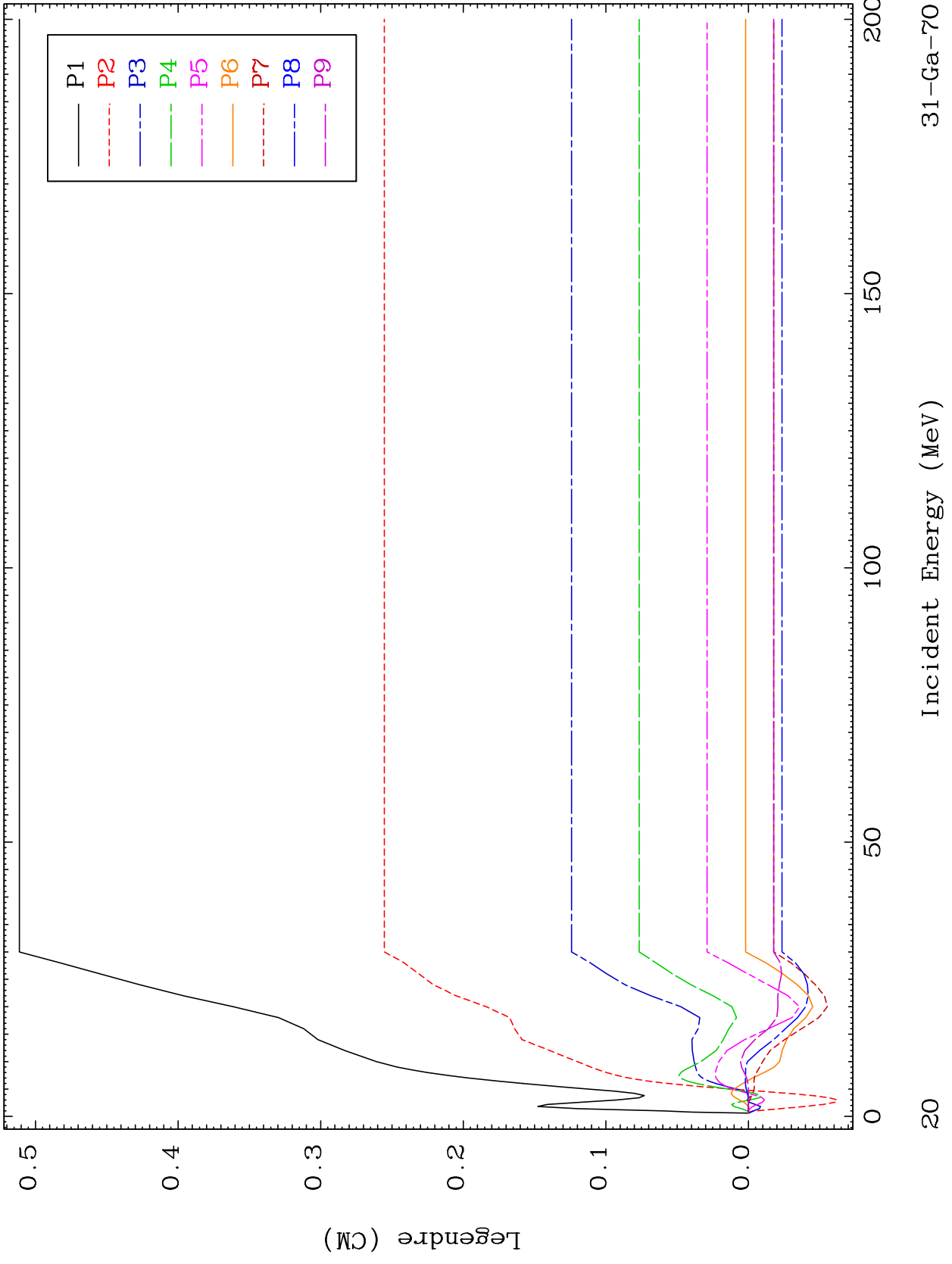


19

31-Ga-70

Incident Energy (MeV)

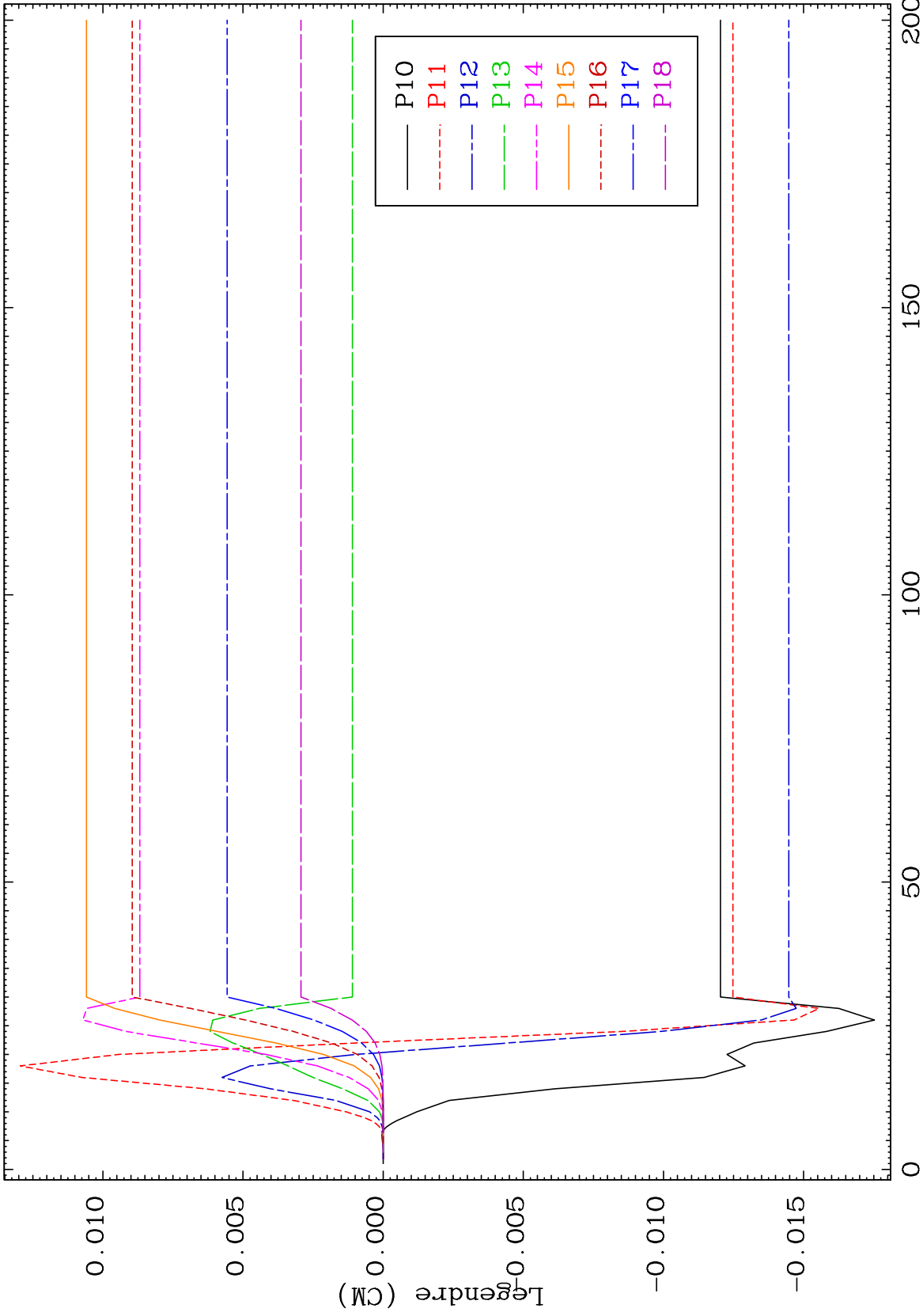
MAT 3128 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-70



MAT 3128

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

31-Ga-70



21

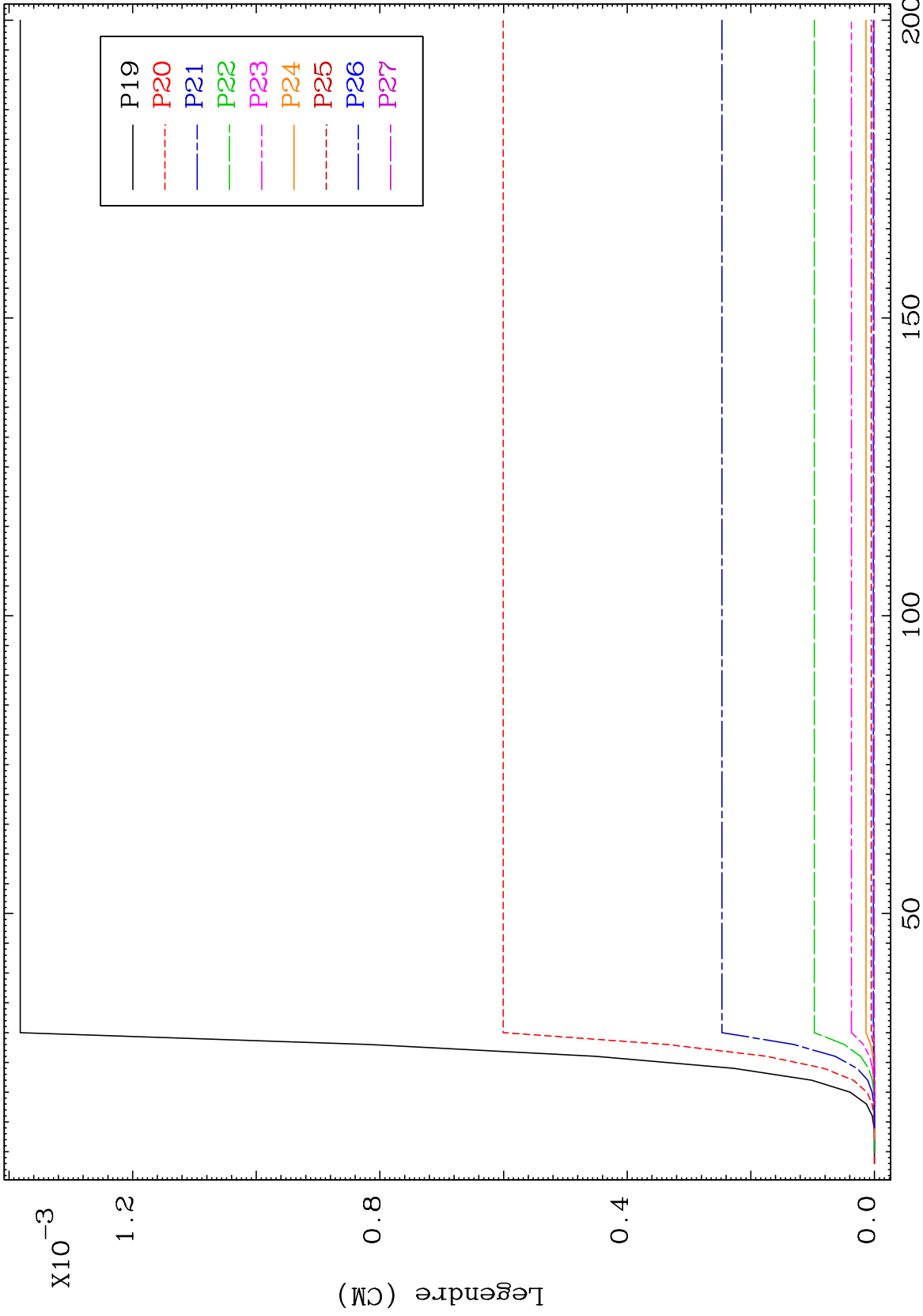
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



22

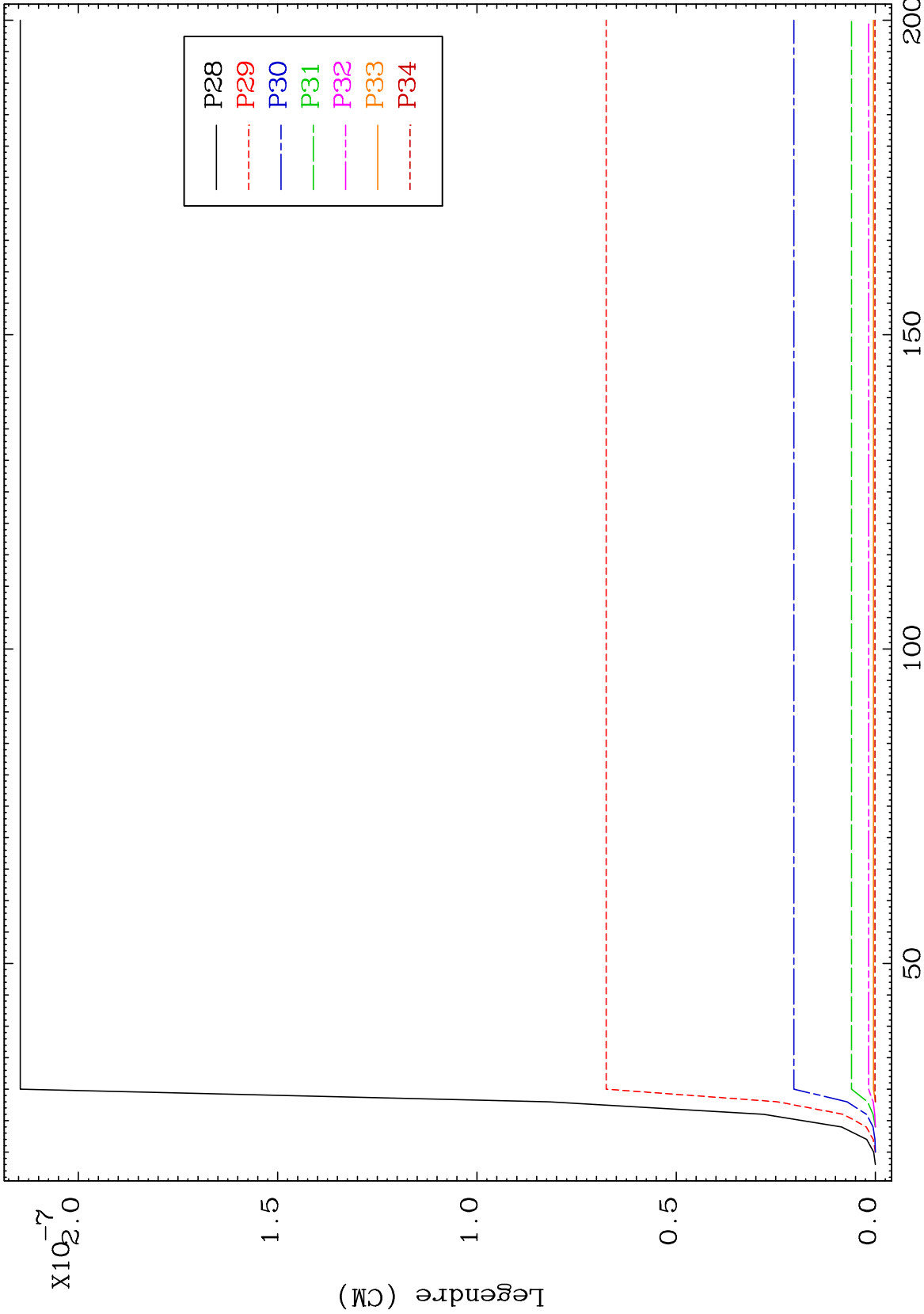
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

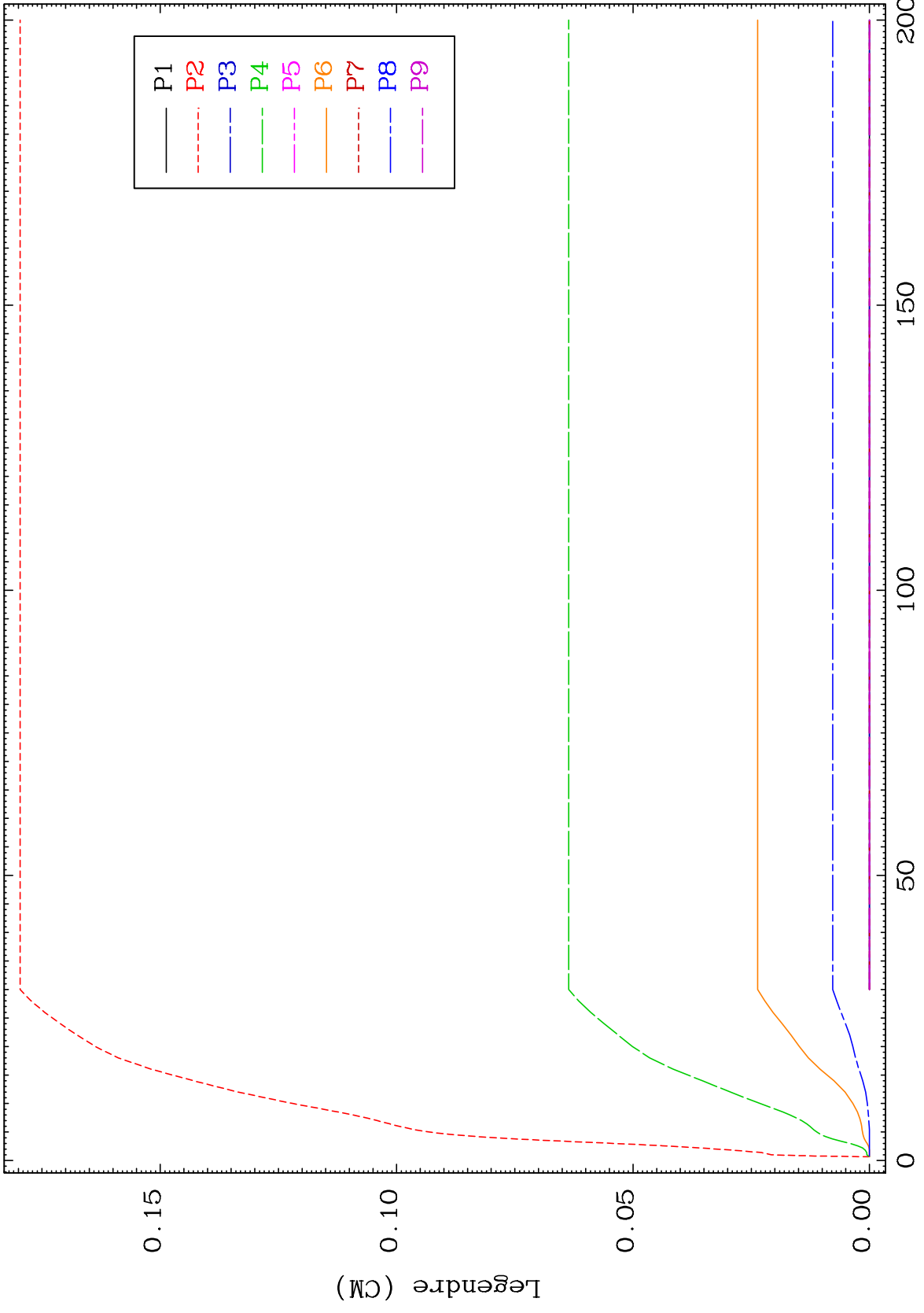
31-Ga-70



23

31-Ga-70

MAT 3128 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-70

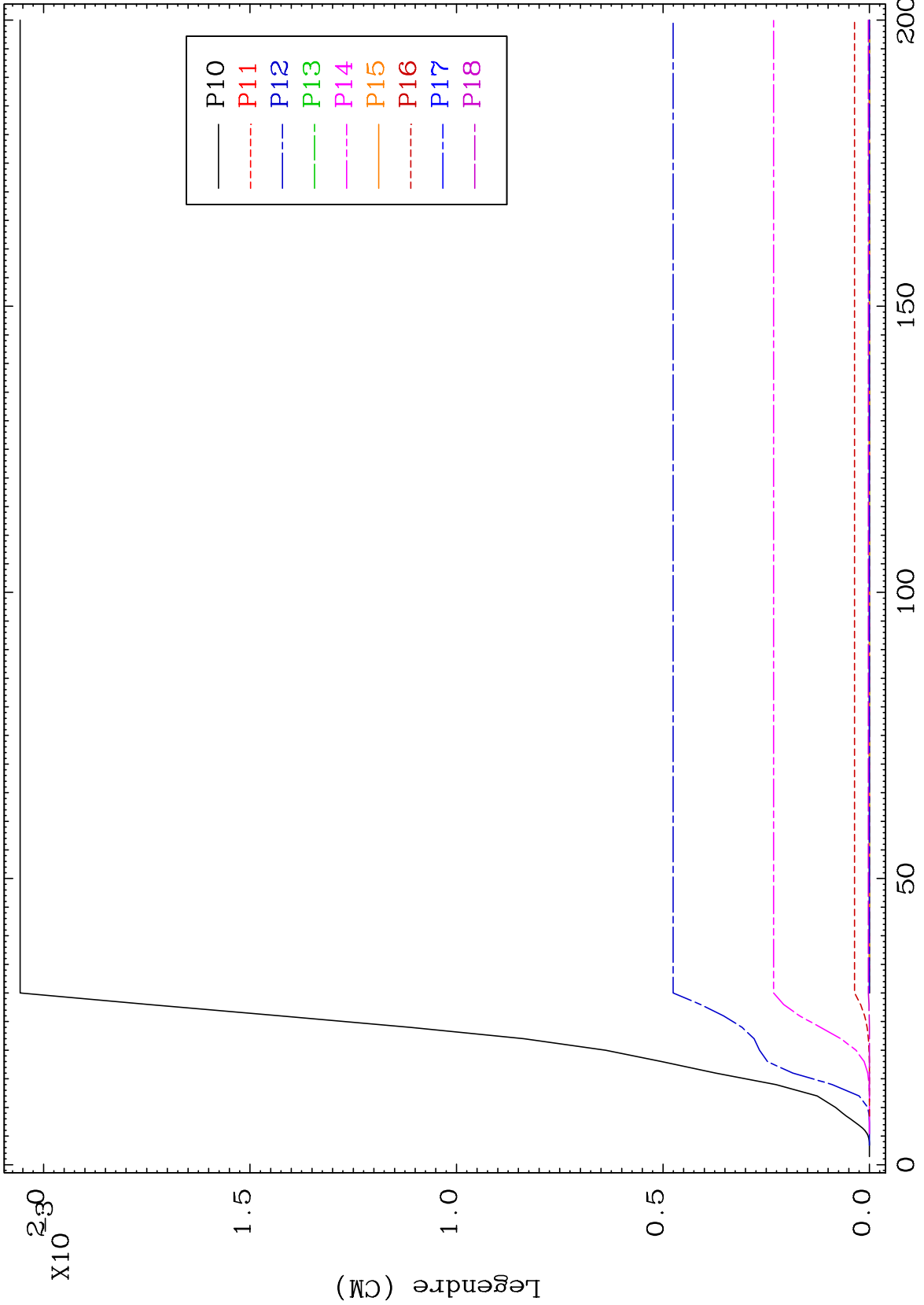


31-Ga-70

MAT 3128

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

31-Ga-70

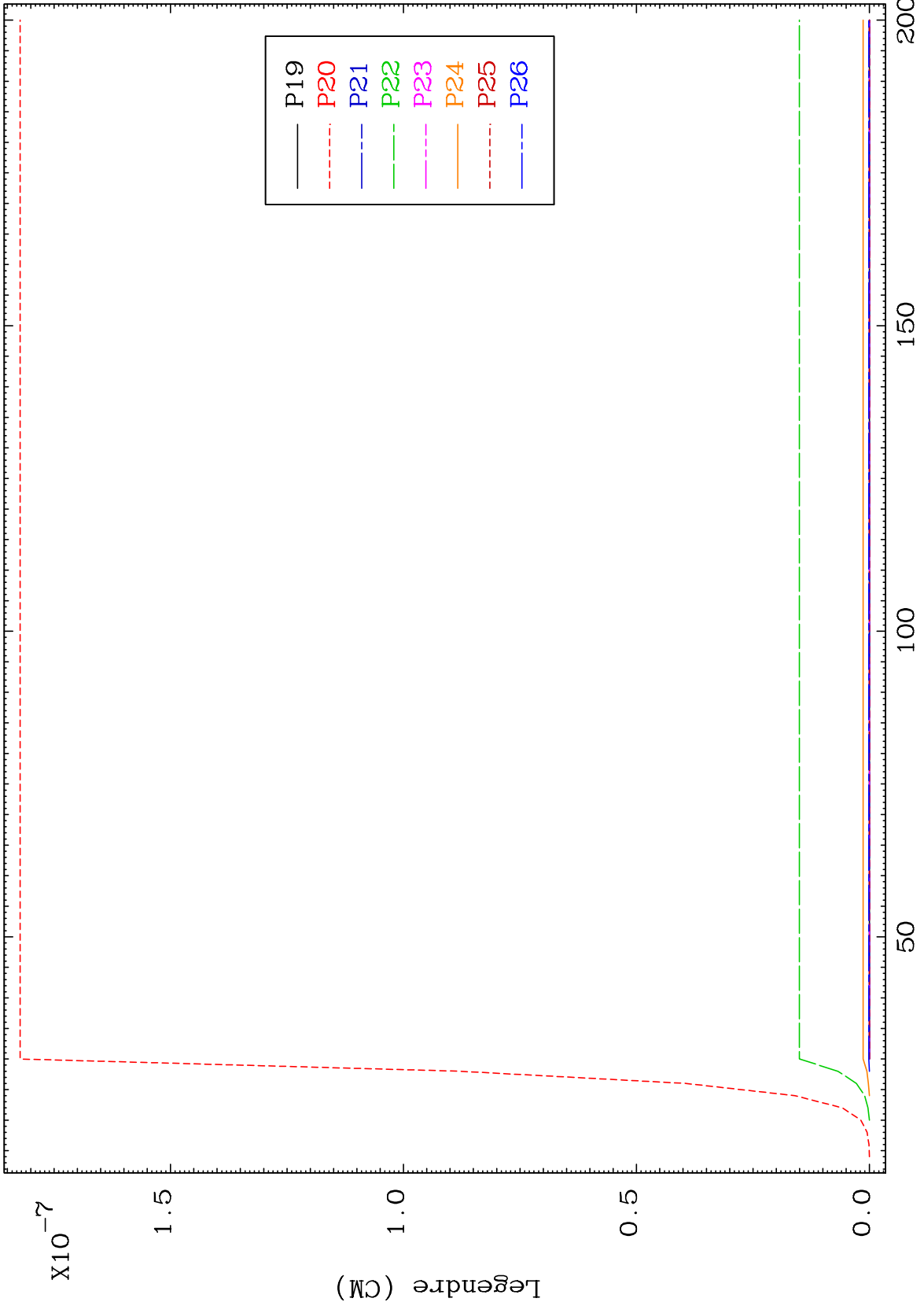


25

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-70



26

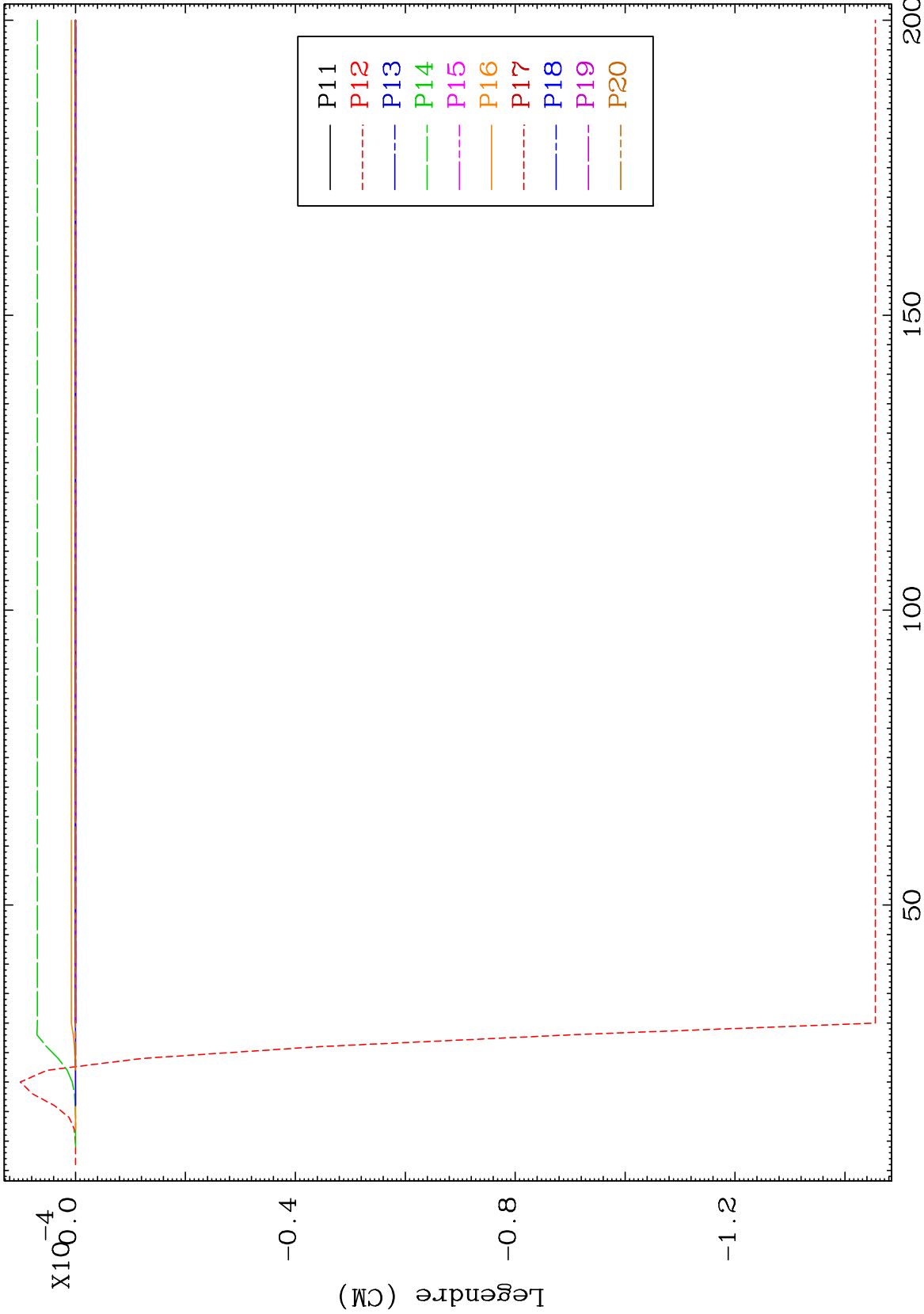
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



28

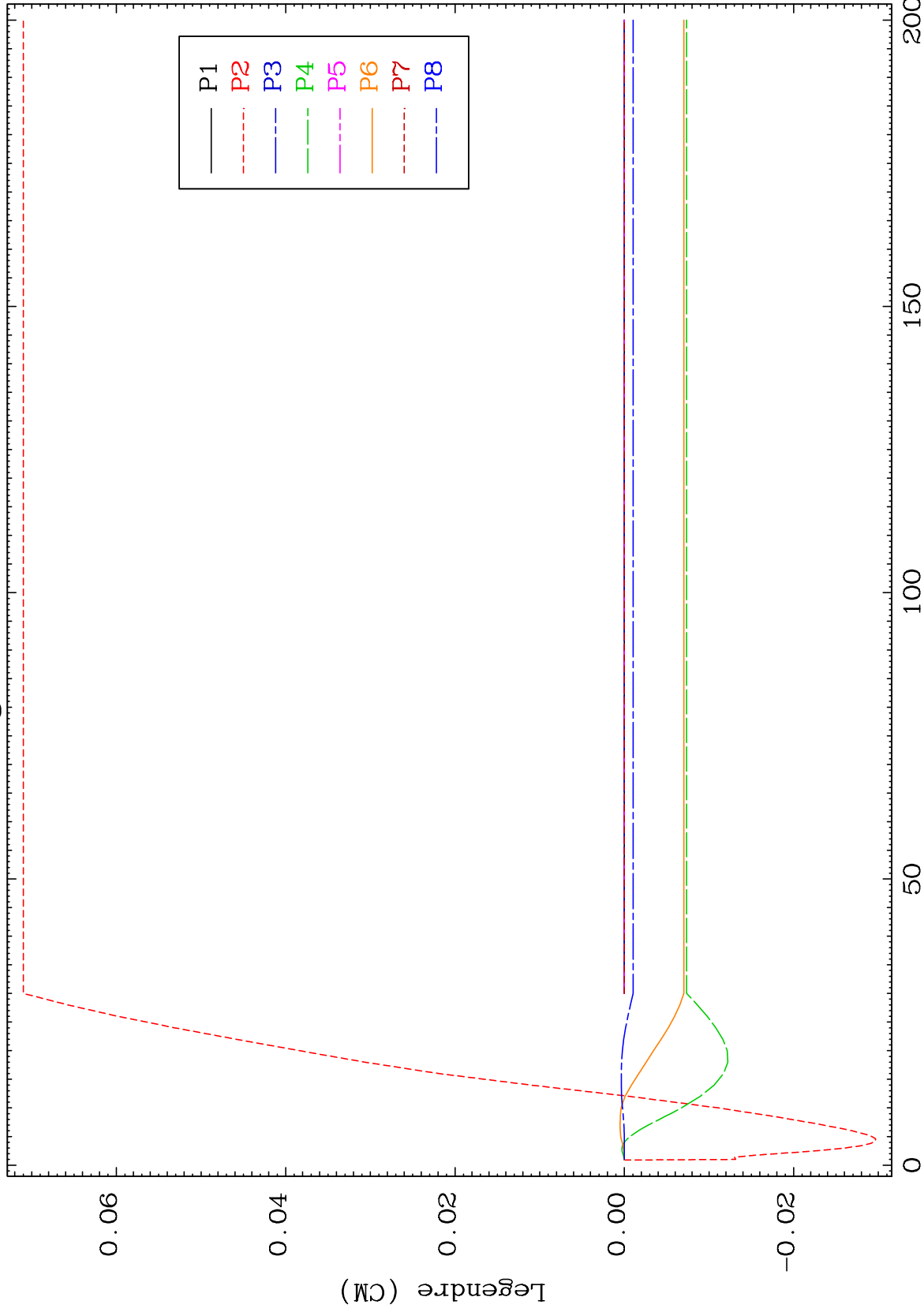
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



29

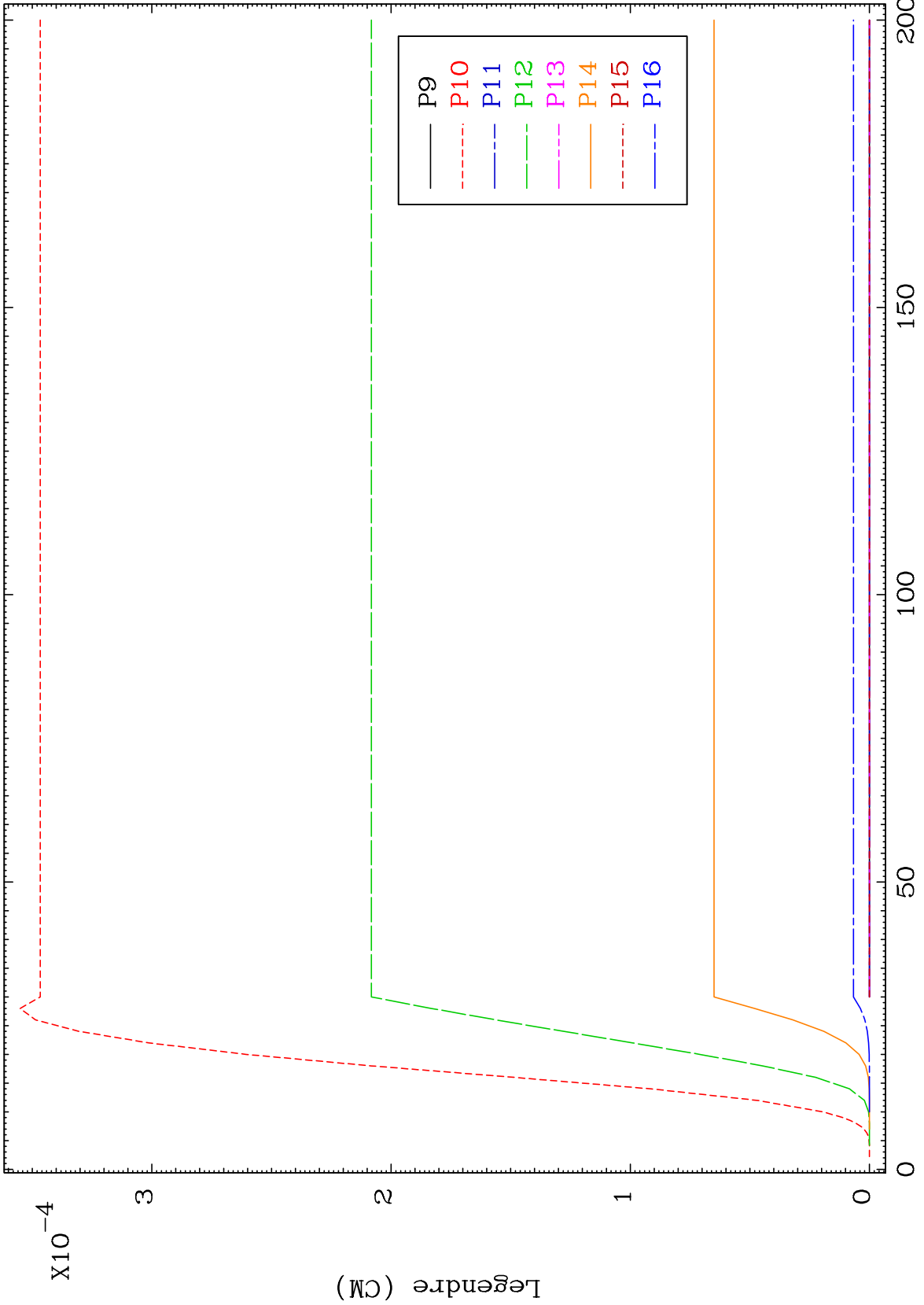
Incident Energy (MeV)

31-Ga-70

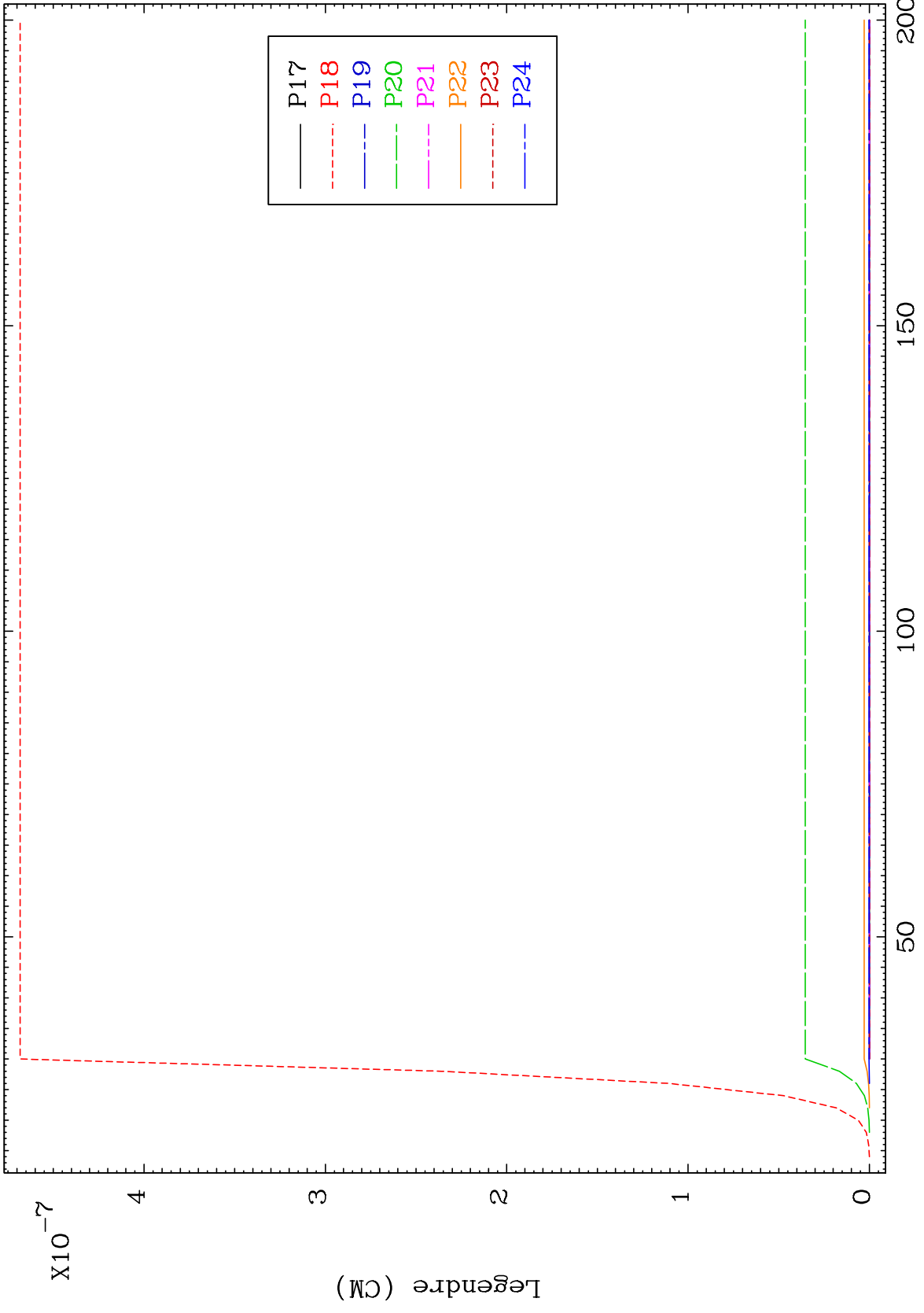
MAT 3128

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

31-Ga-70

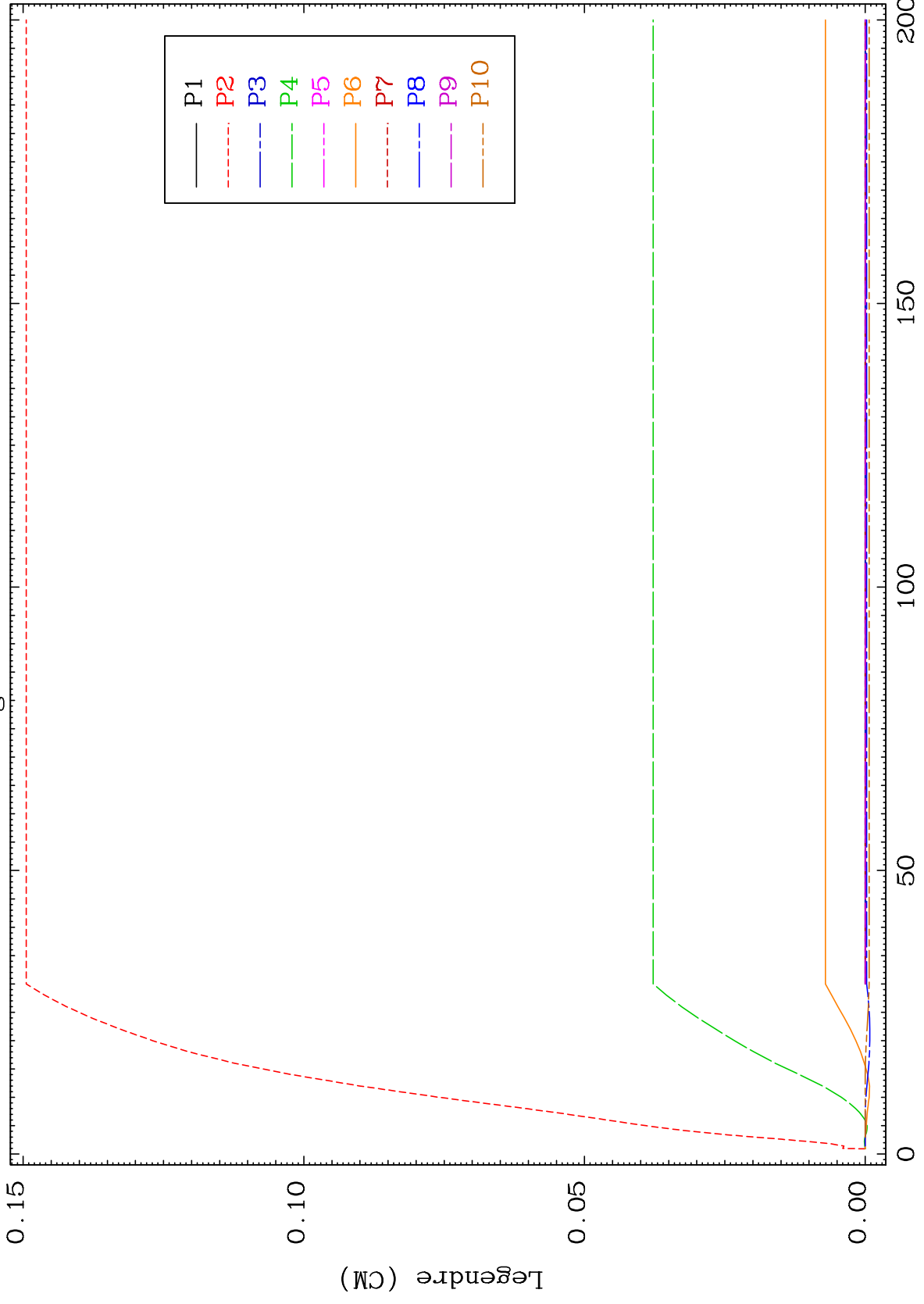


MAT 3128 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-70



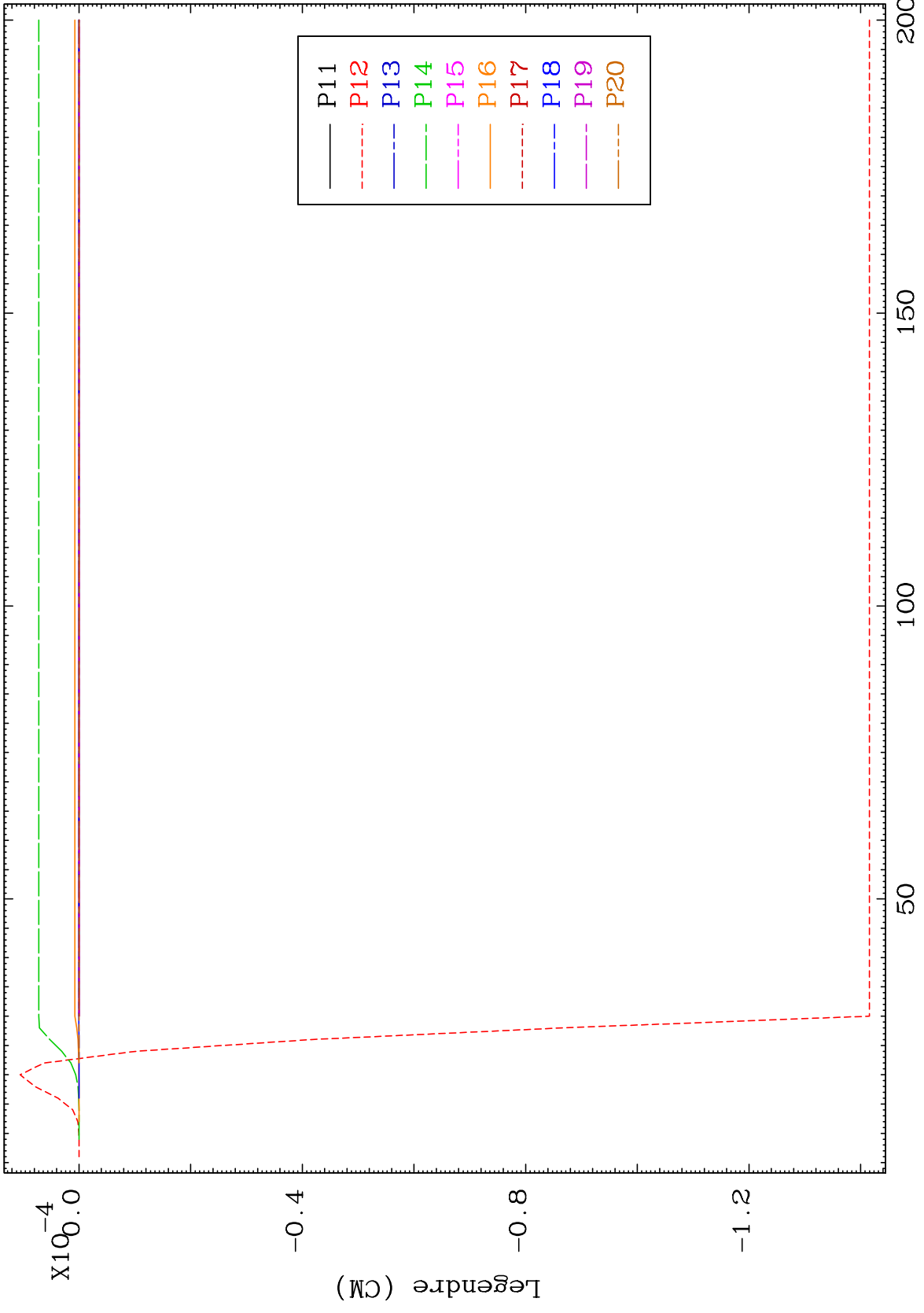
31

MAT 3128 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-70

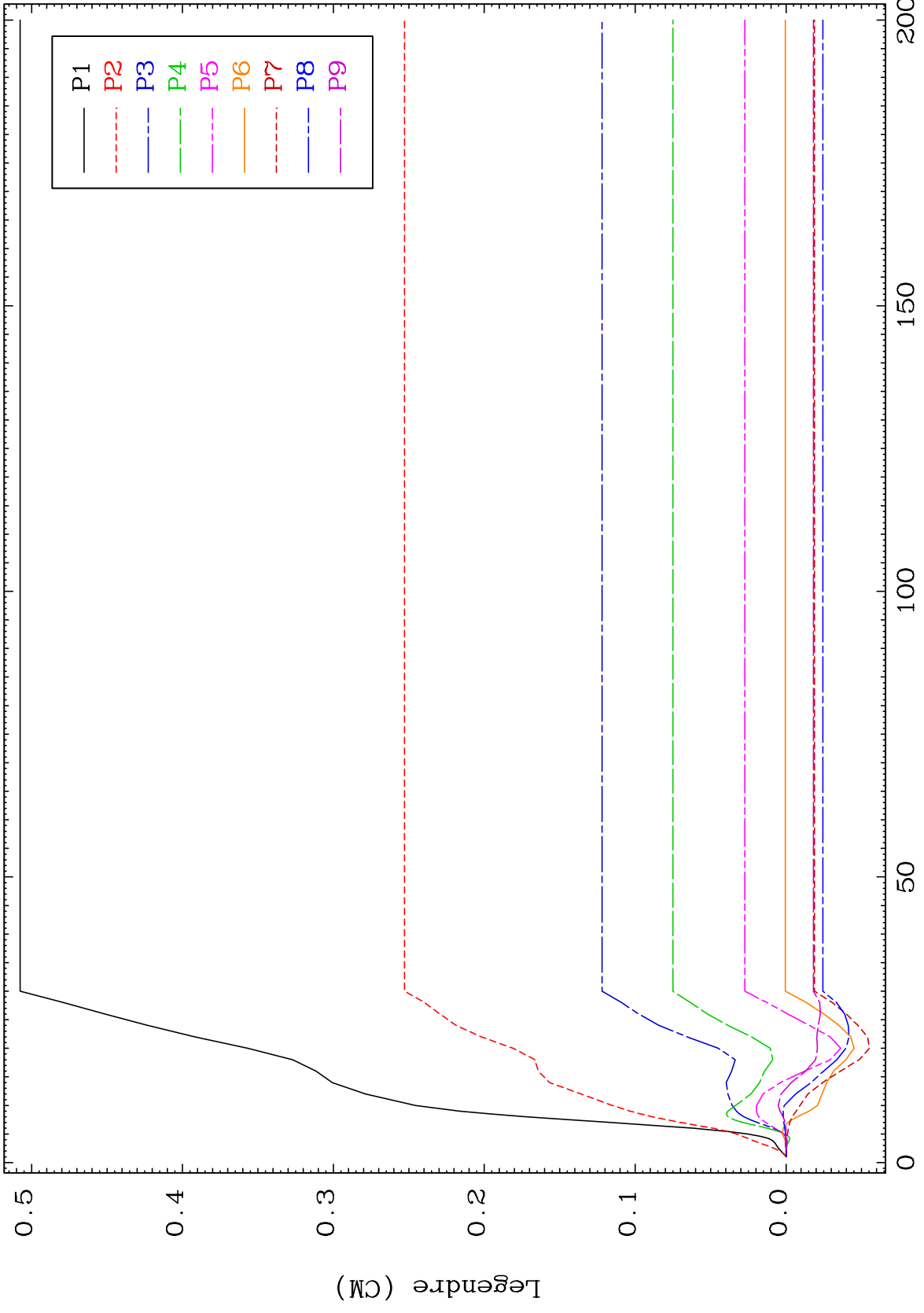


32 31-Ga-70

MAT 3128 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-70



MAT 3128 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-70

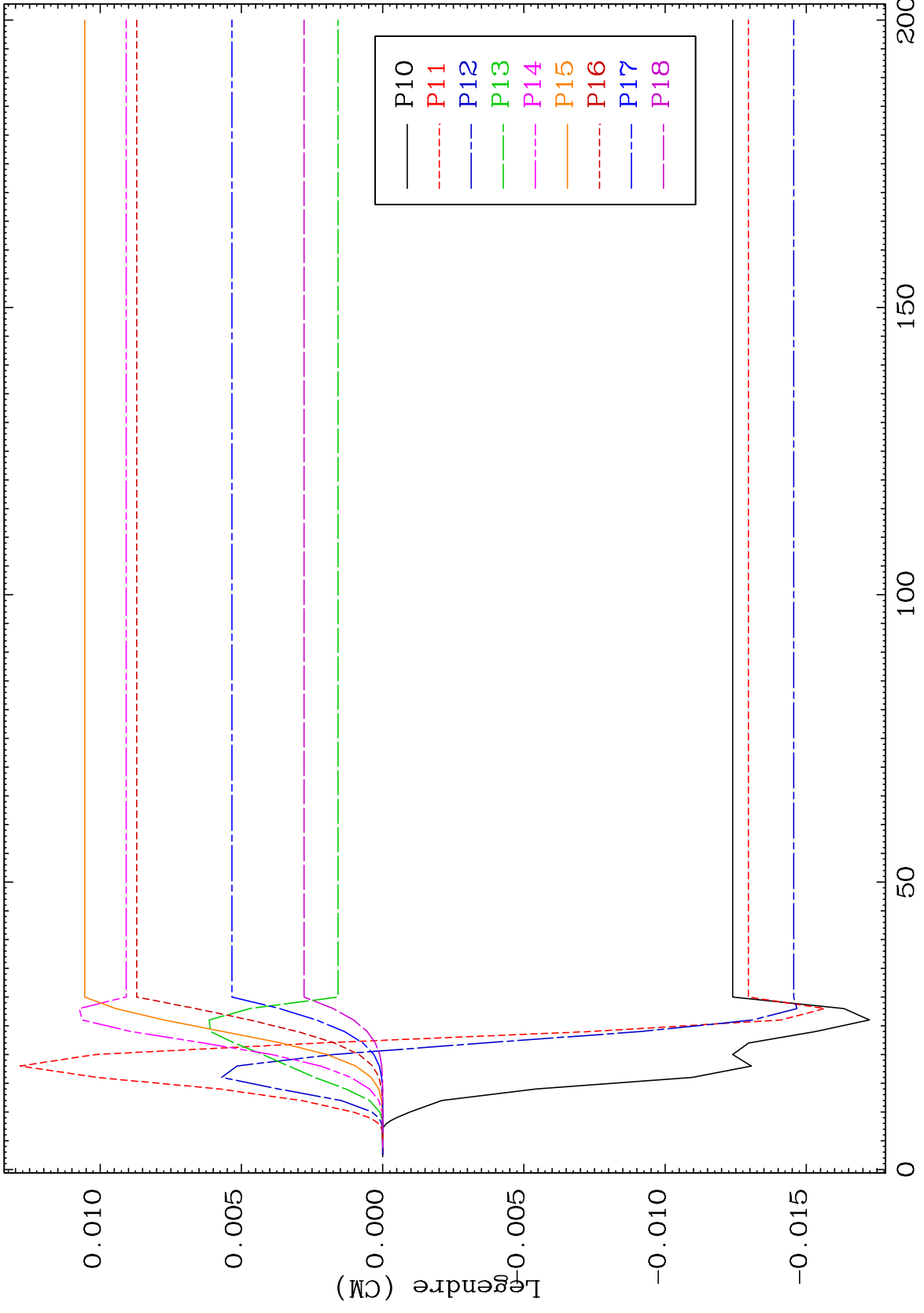


34 31-Ga-70

MAT 3128

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

31-Ga-70



35

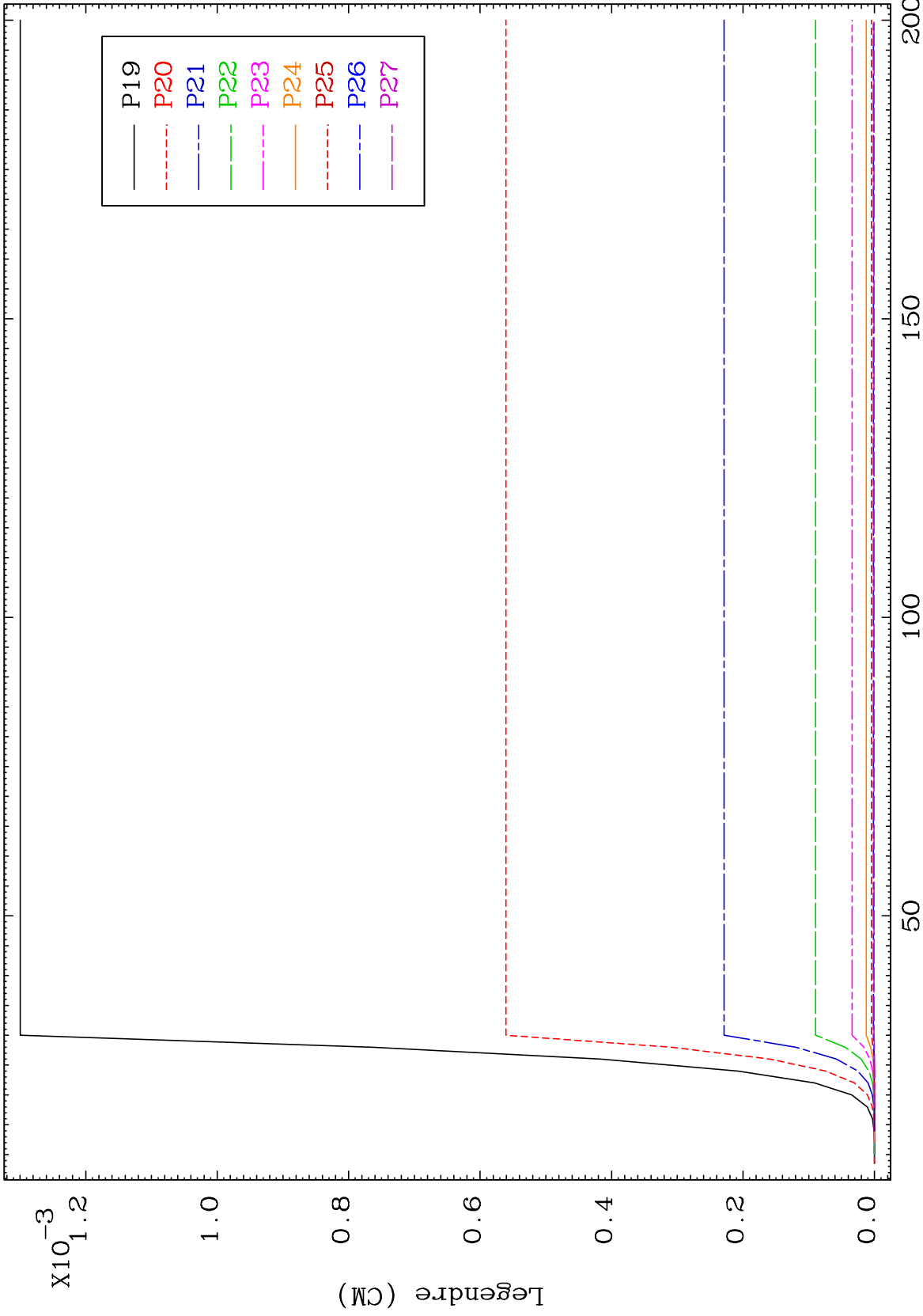
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

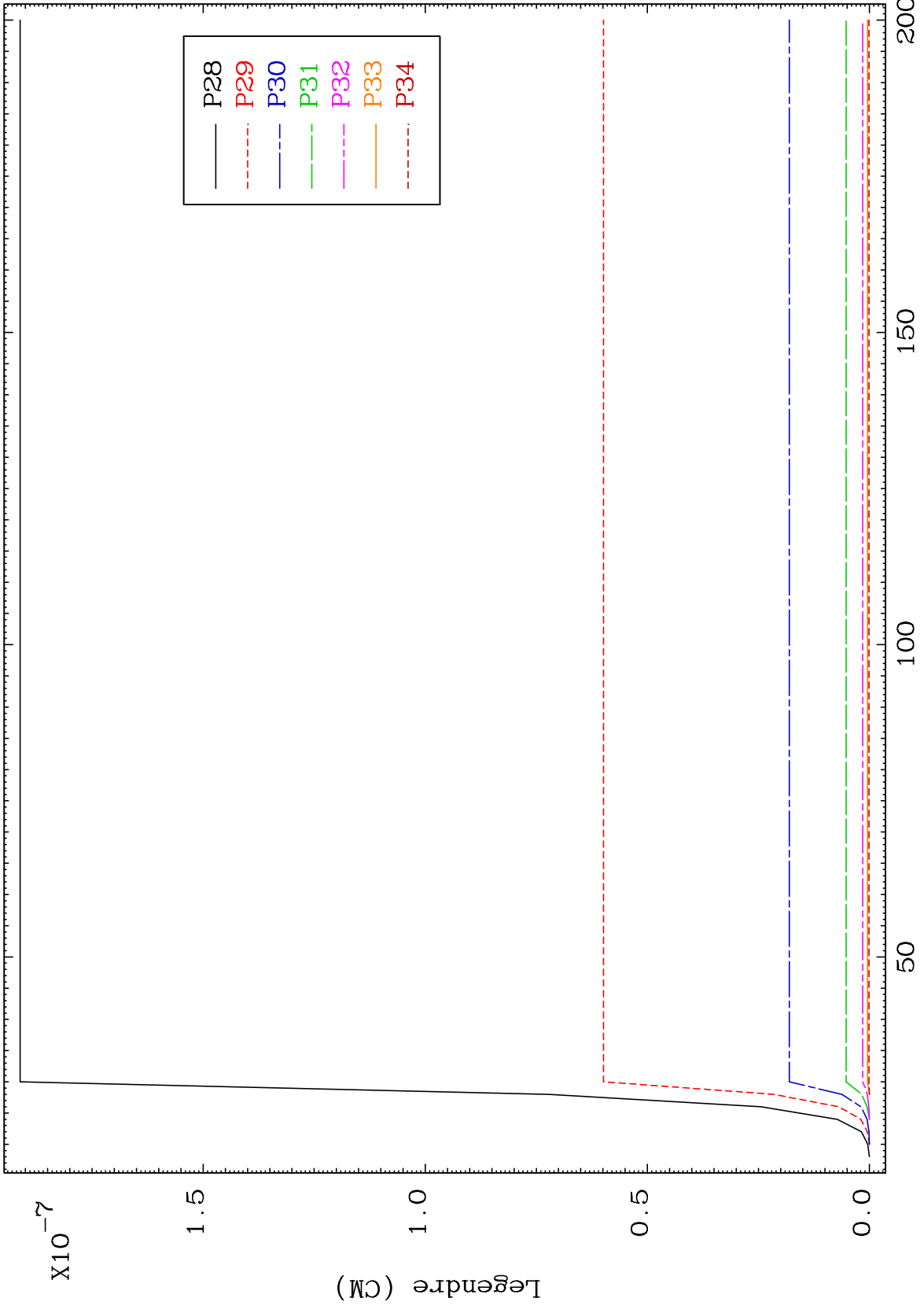


36

Incident Energy (MeV)

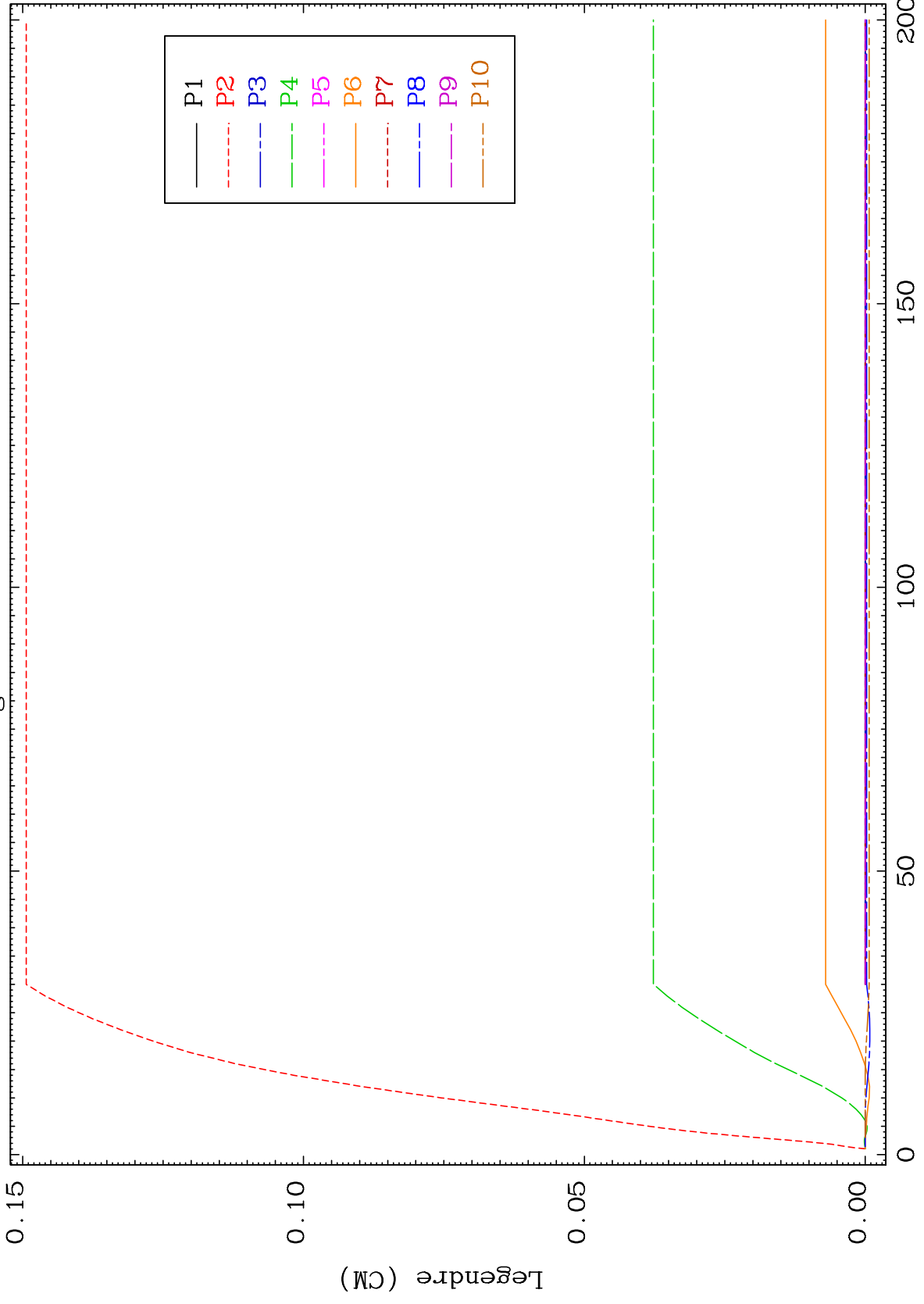
31-Ga-70

MAT 3128 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-70



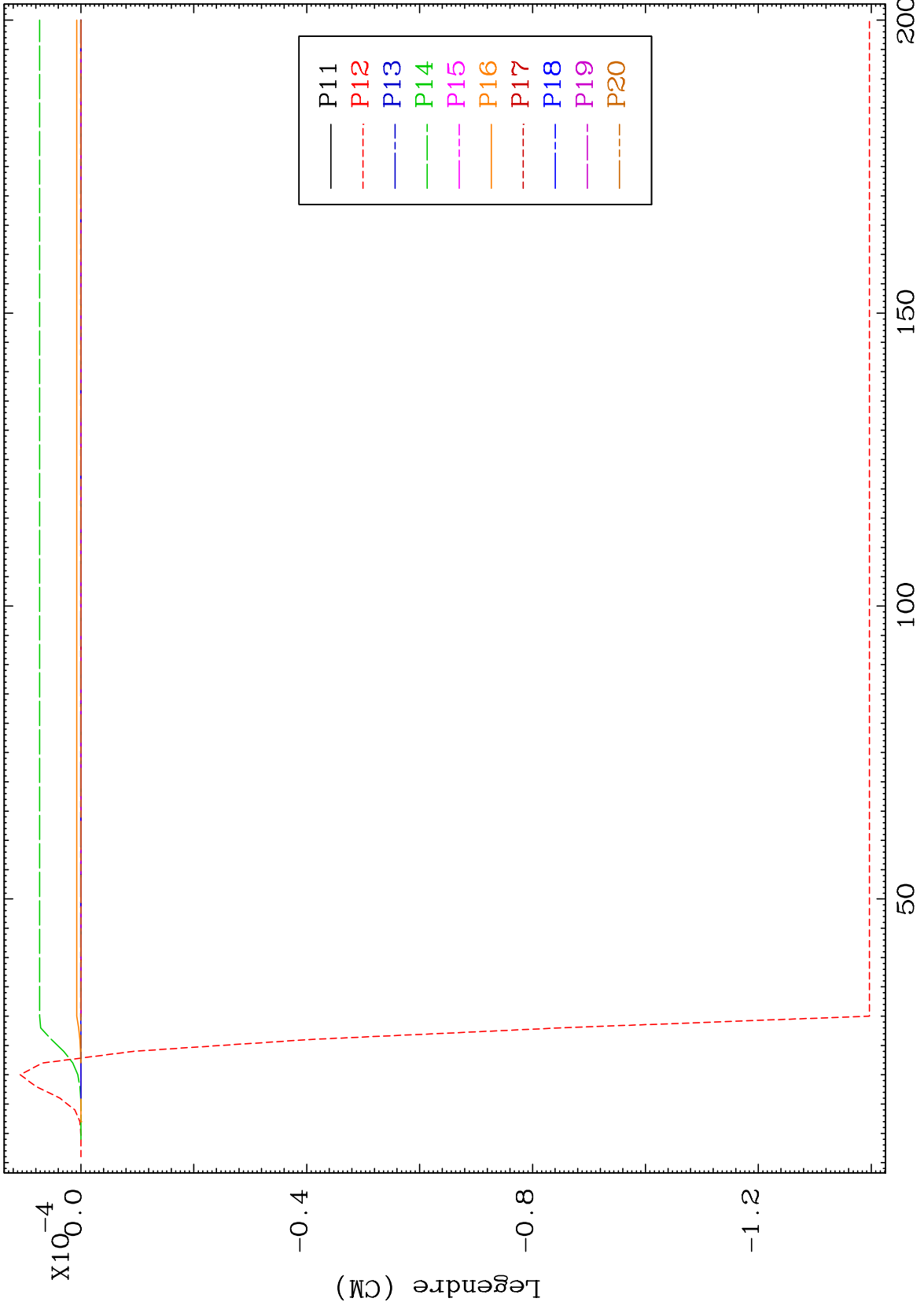
37 50 100 150 200 31-Ga-70

MAT 3128 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-70



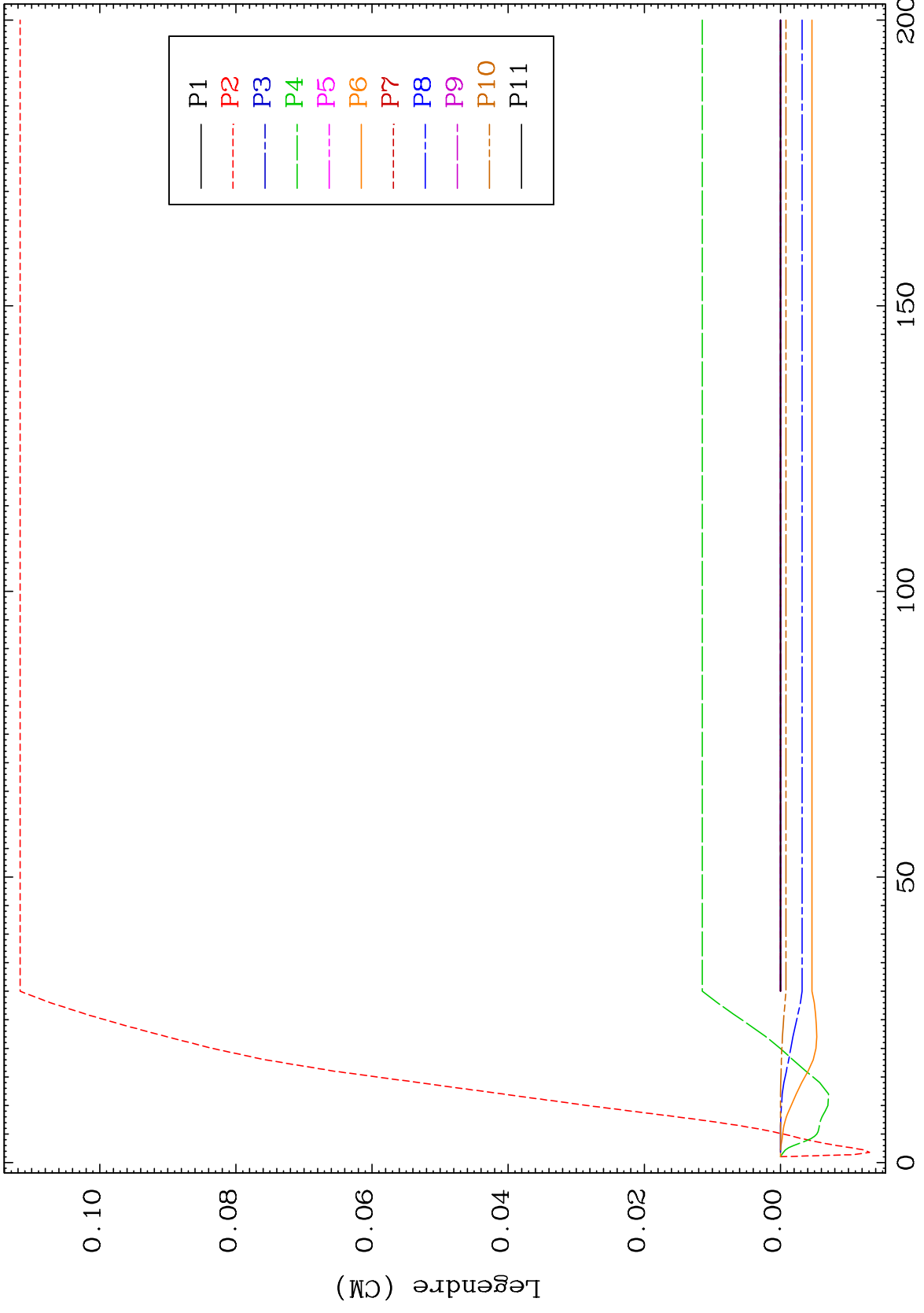
38 31-Ga-70

MAT 3128 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-70



39 31-Ga-70

MAT 3128 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-70

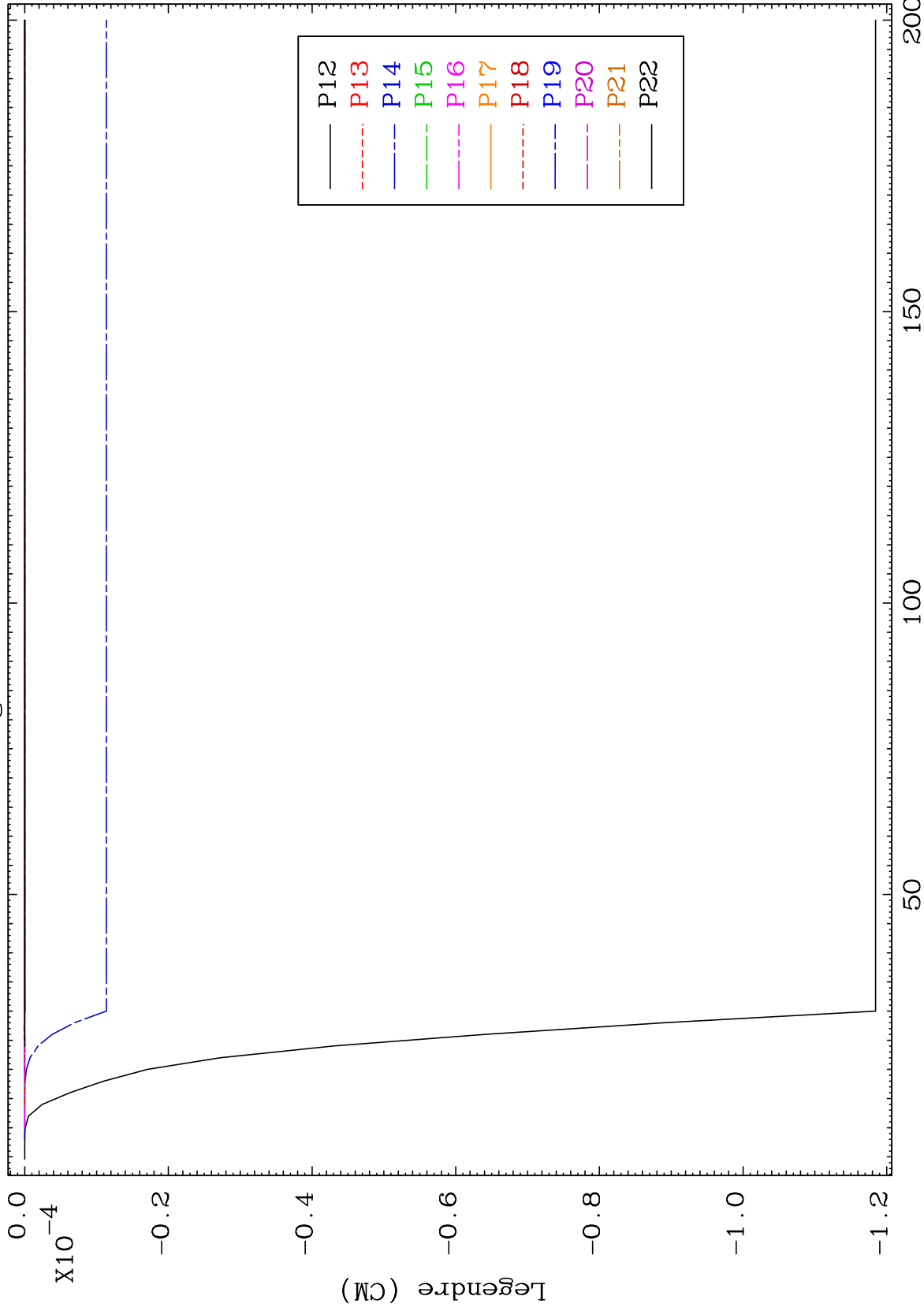


31-Ga-70

MAT 3128

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

31-Ga-70

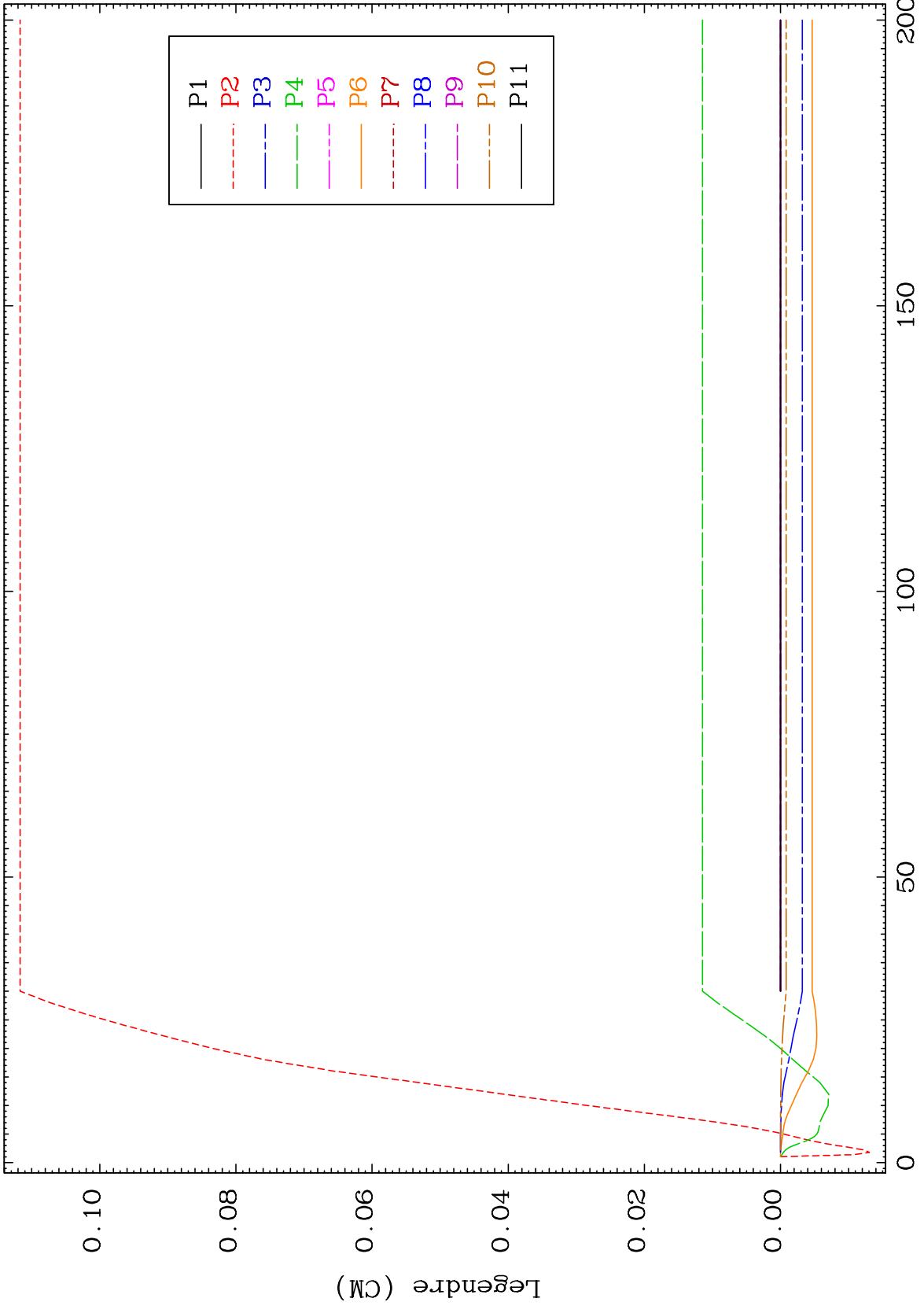


41

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-70

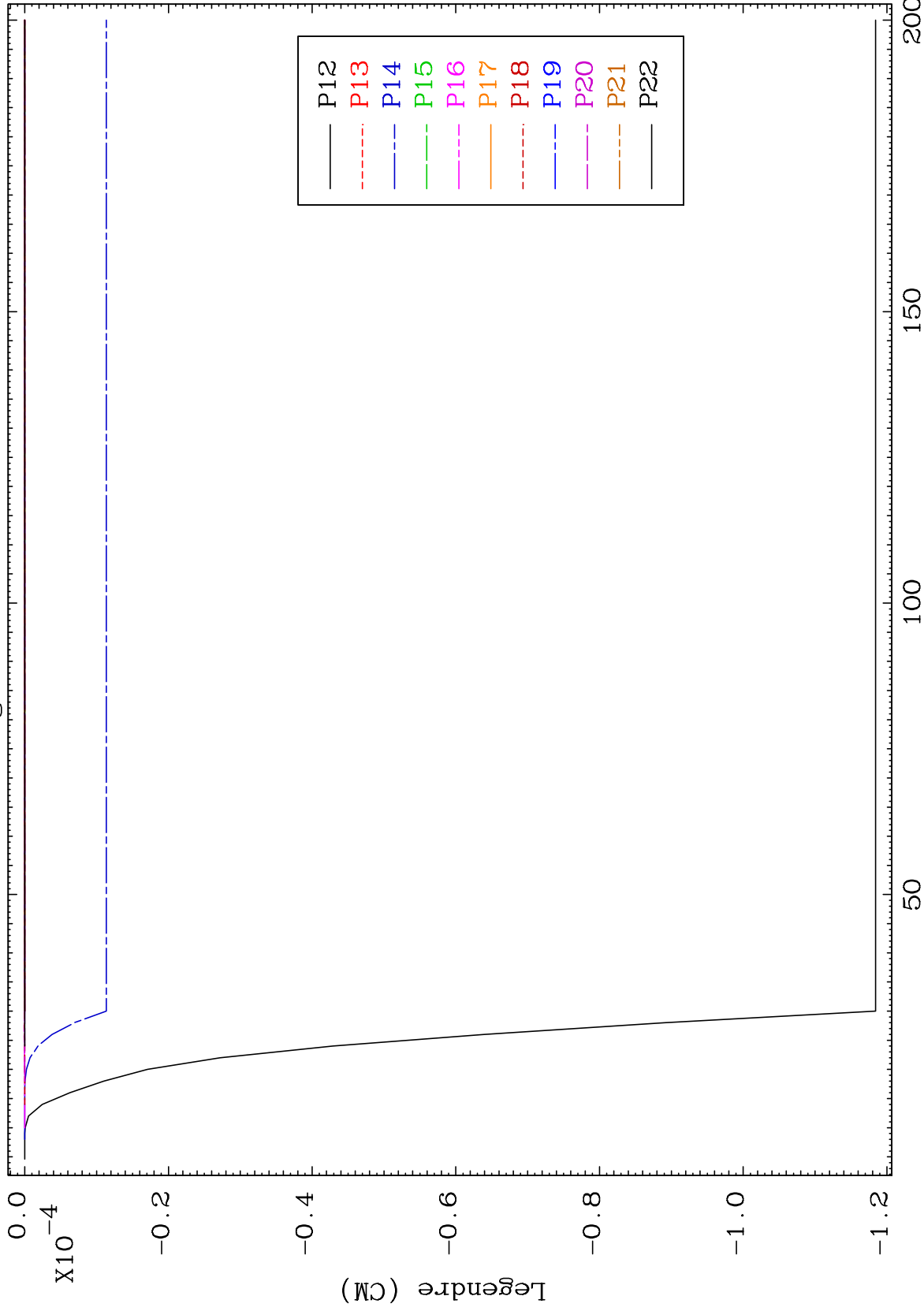


42 31-Ga-70

MAT 3128

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

31-Ga-70

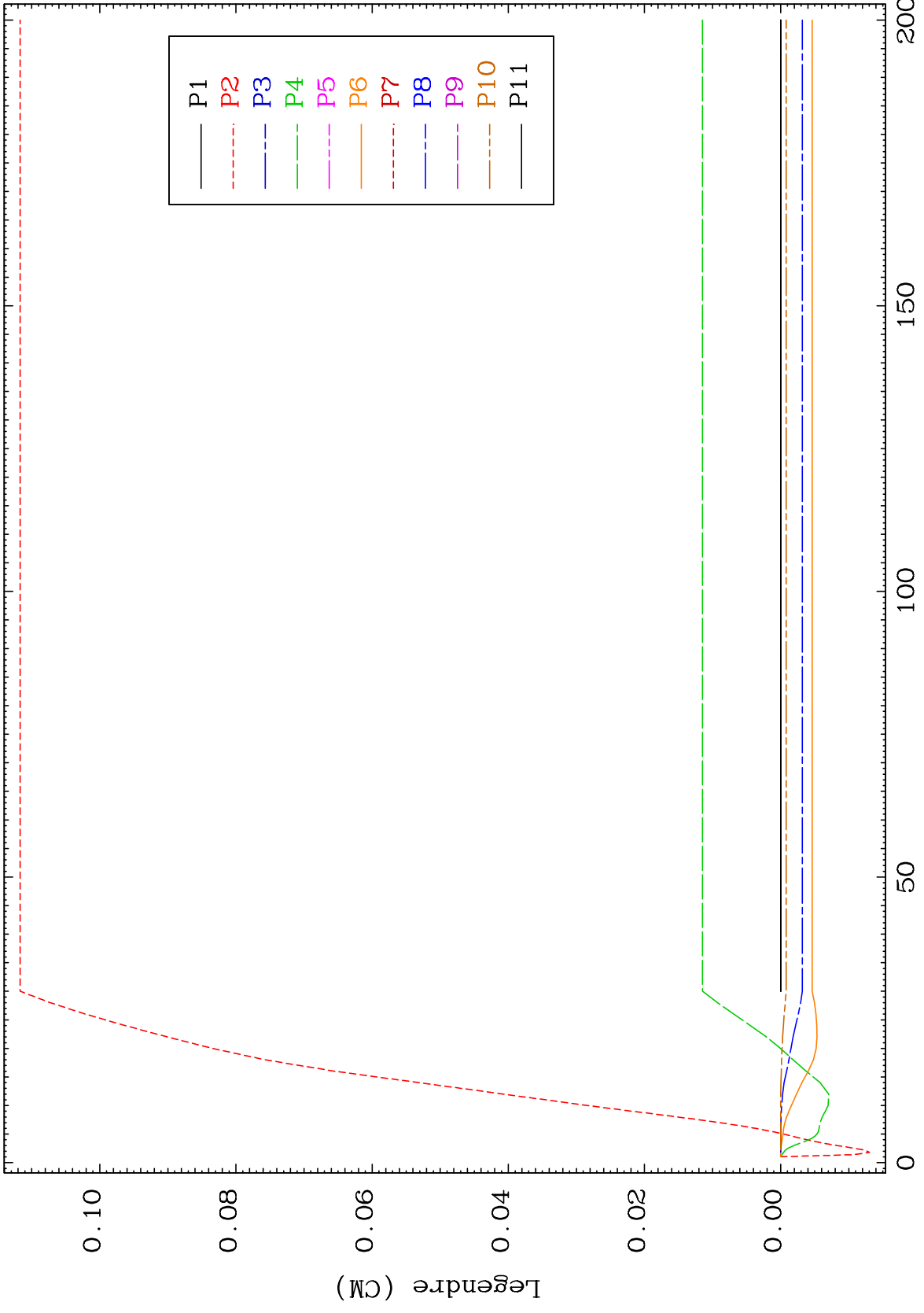


43

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-70

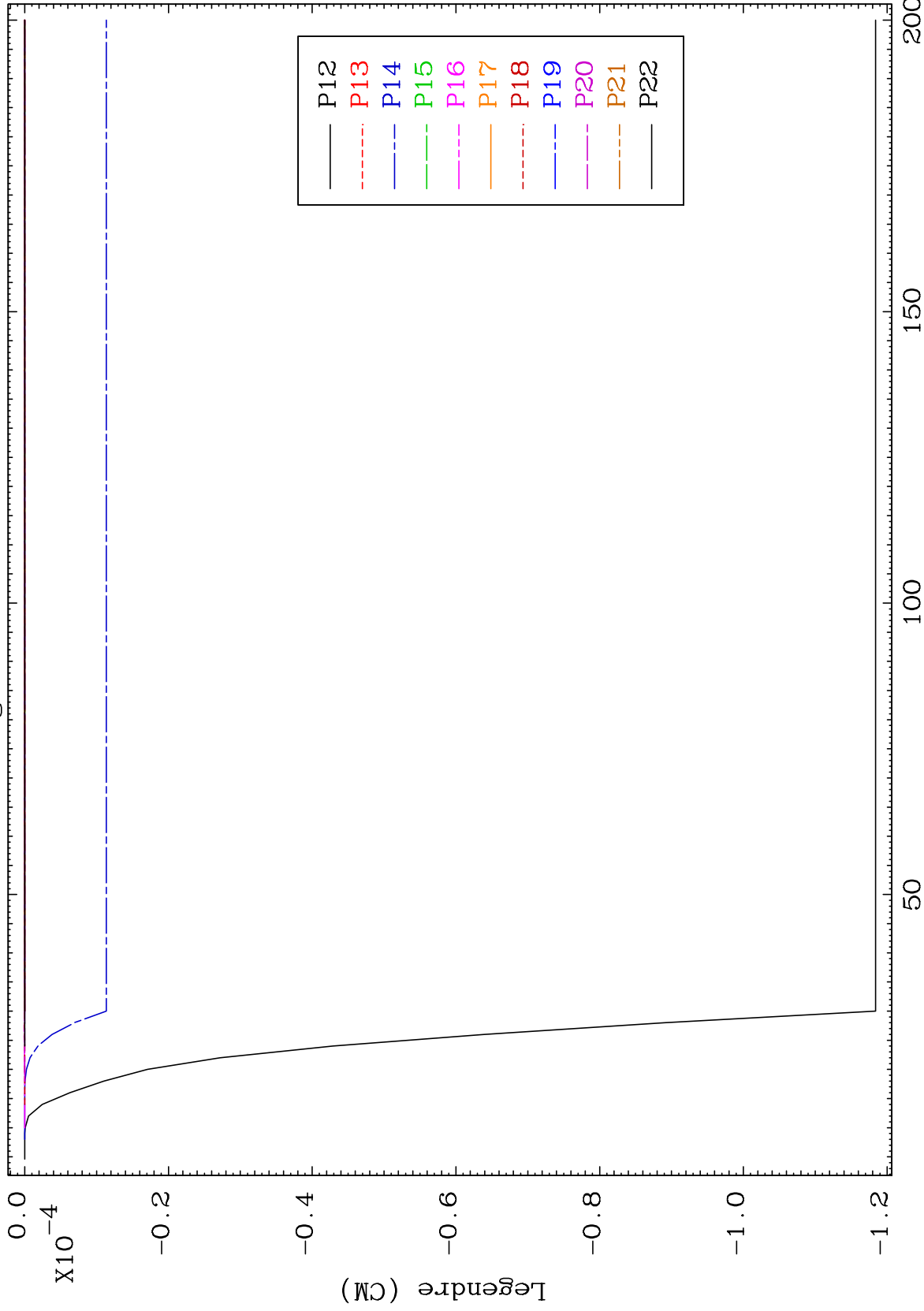


44 31-Ga-70

MAT 3128

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

31-Ga-70

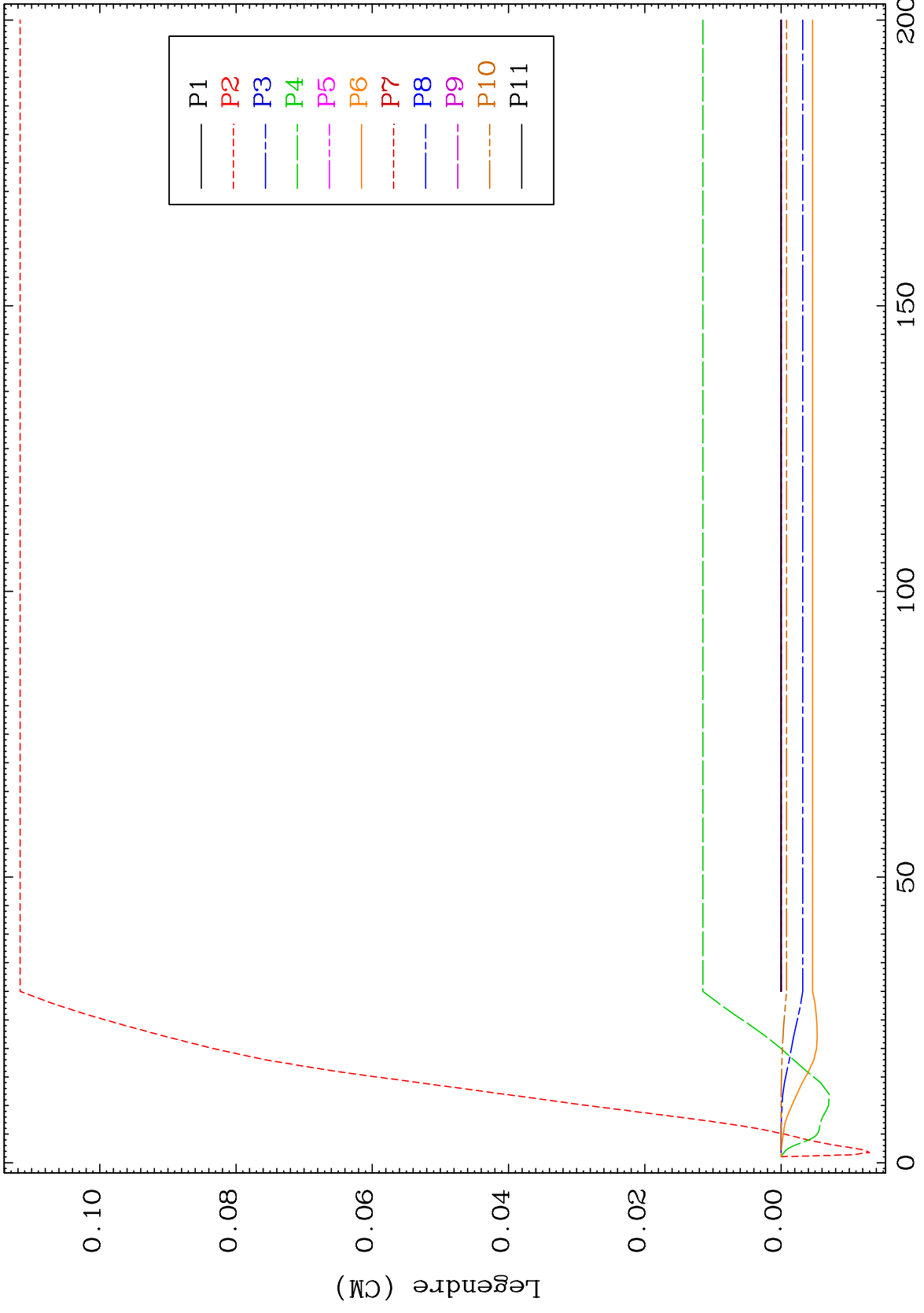


45

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-70

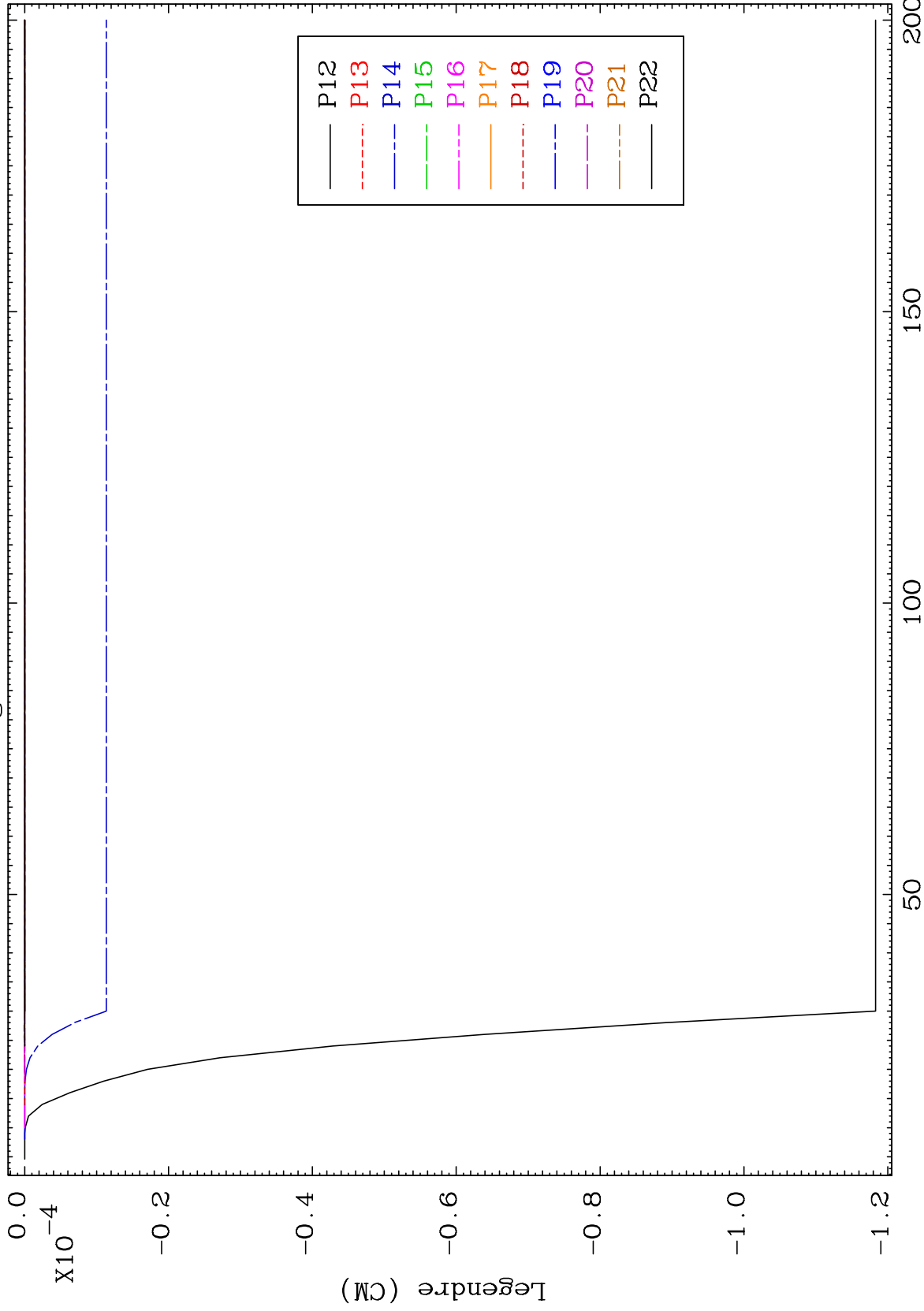


46 31-Ga-70

MAT 3128

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

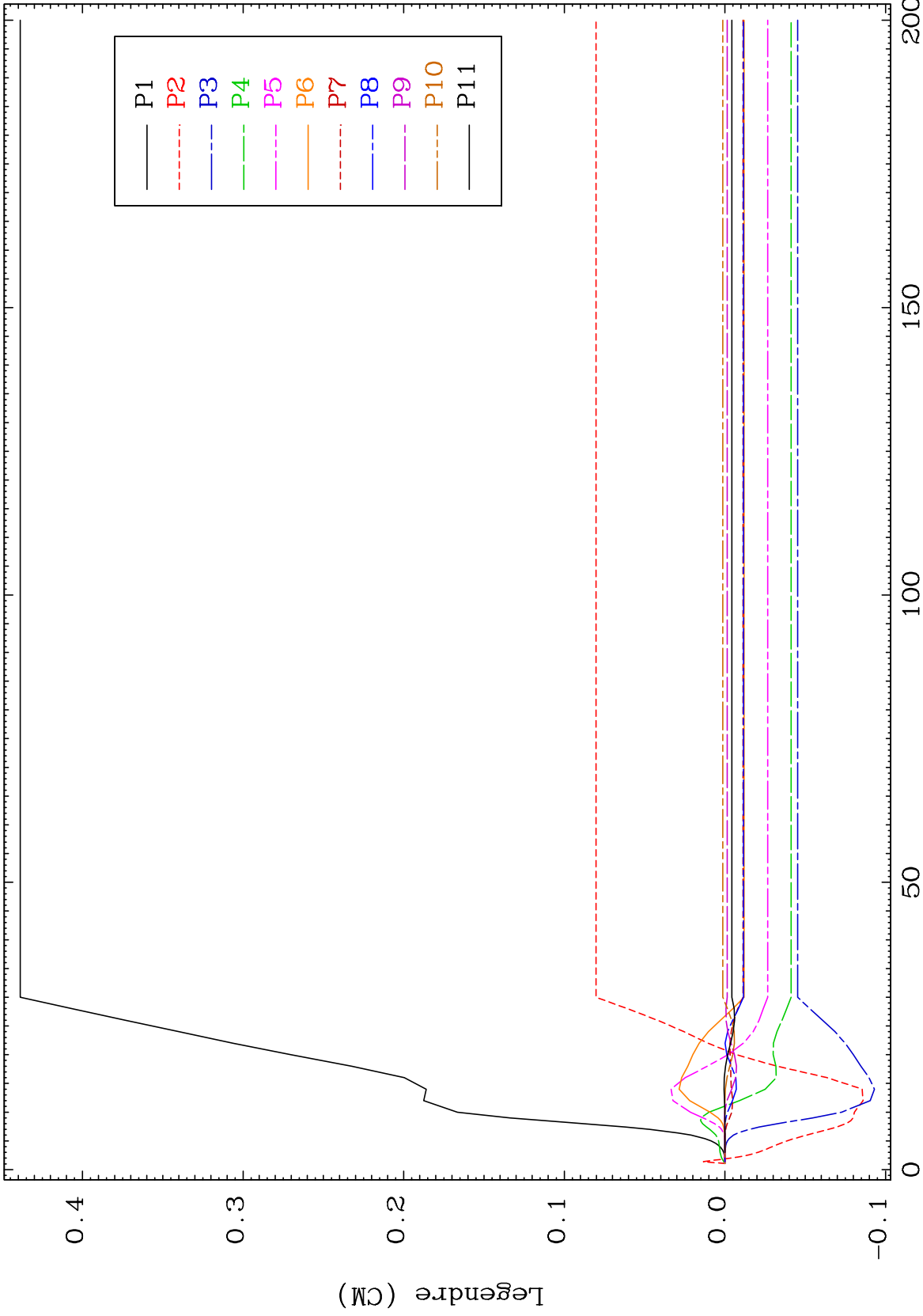
31-Ga-70



MAT 3128

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

31-Ga-70



48

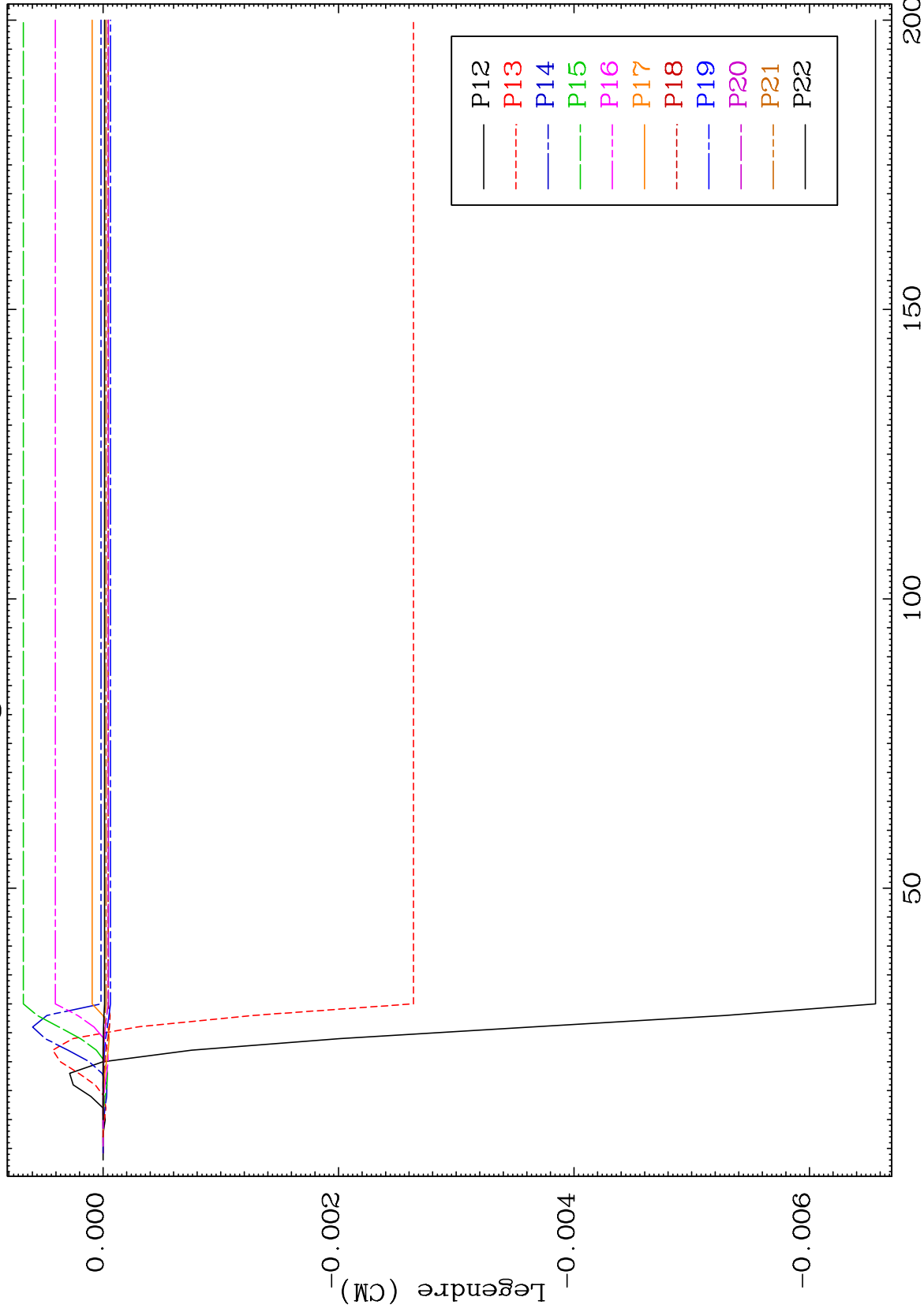
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

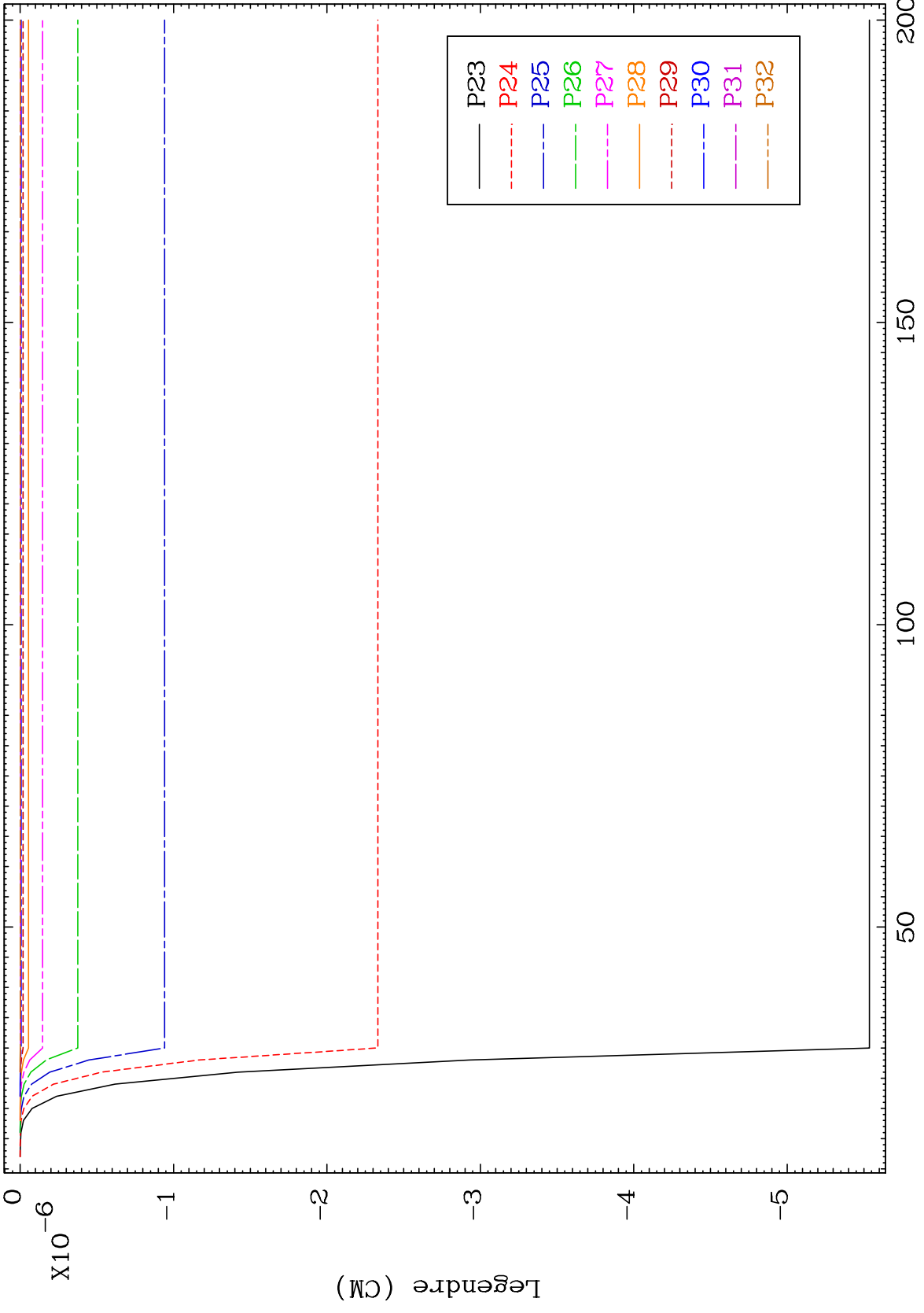


49

Incident Energy (MeV)

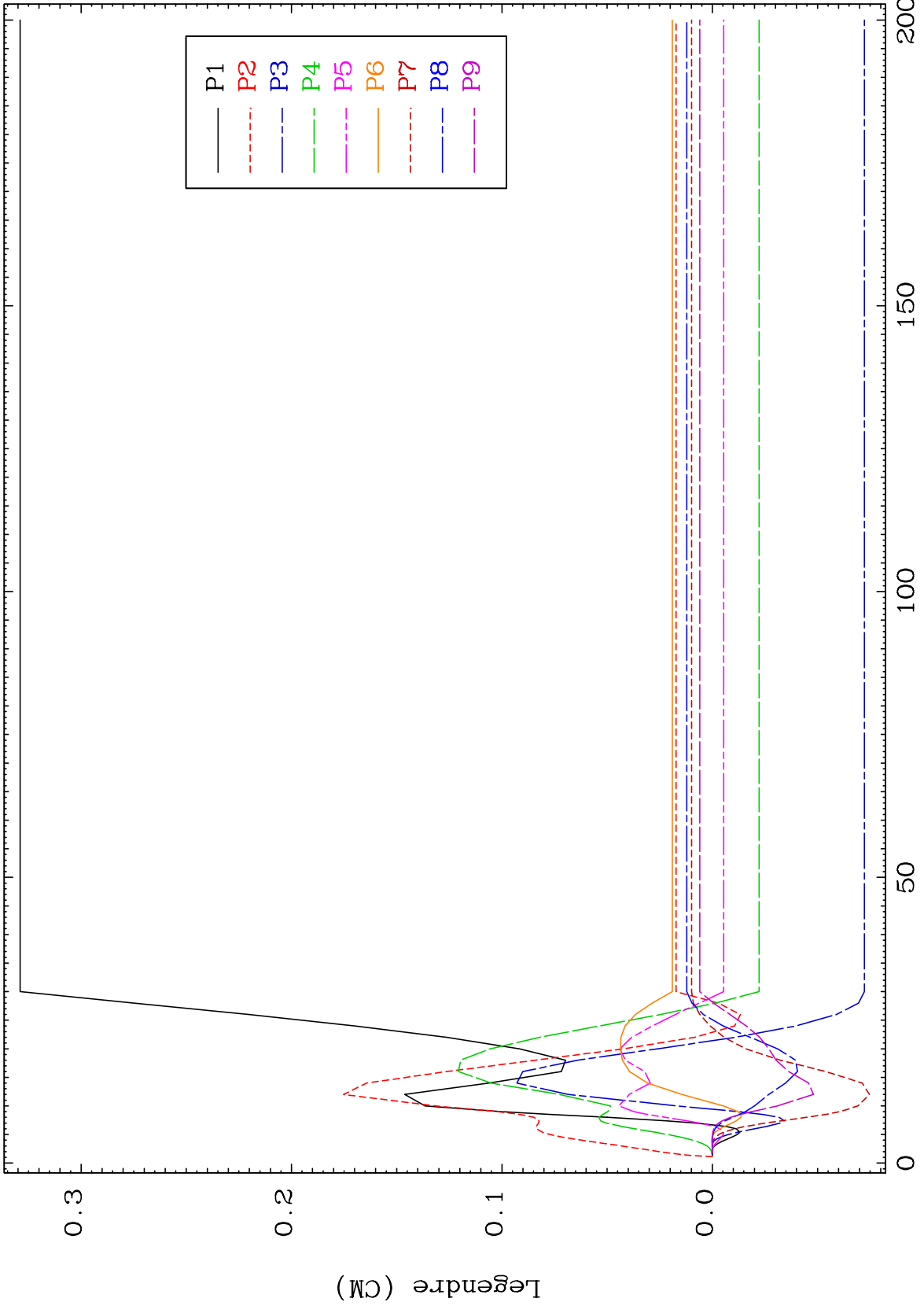
31-Ga-70

MAT 3128 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-70



50 Incident Energy (MeV) 200 31-Ga-70

MAT 3128 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-70

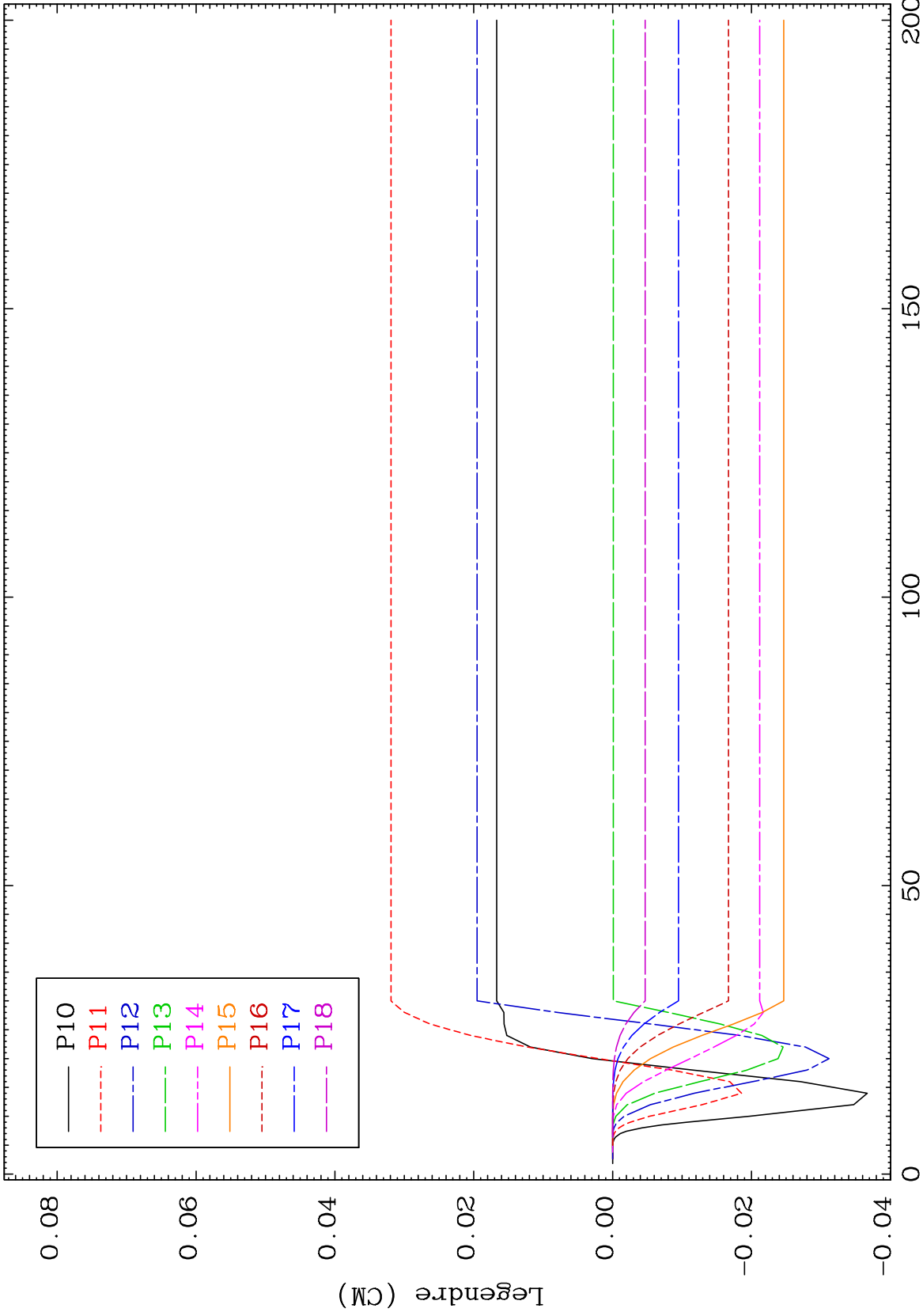


51 31-Ga-70

MAT 3128

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

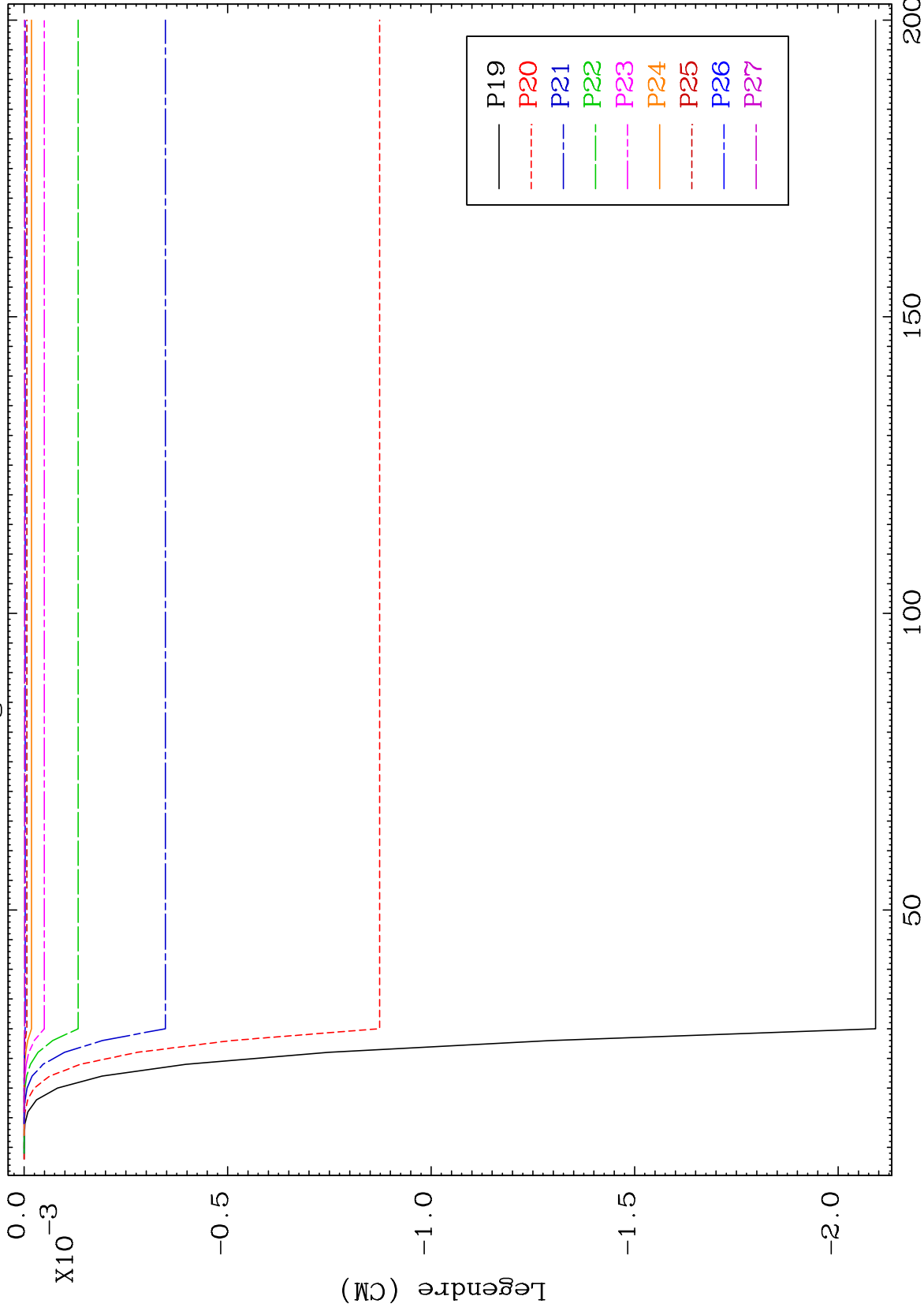
31-Ga-70



52

Incident Energy (MeV)

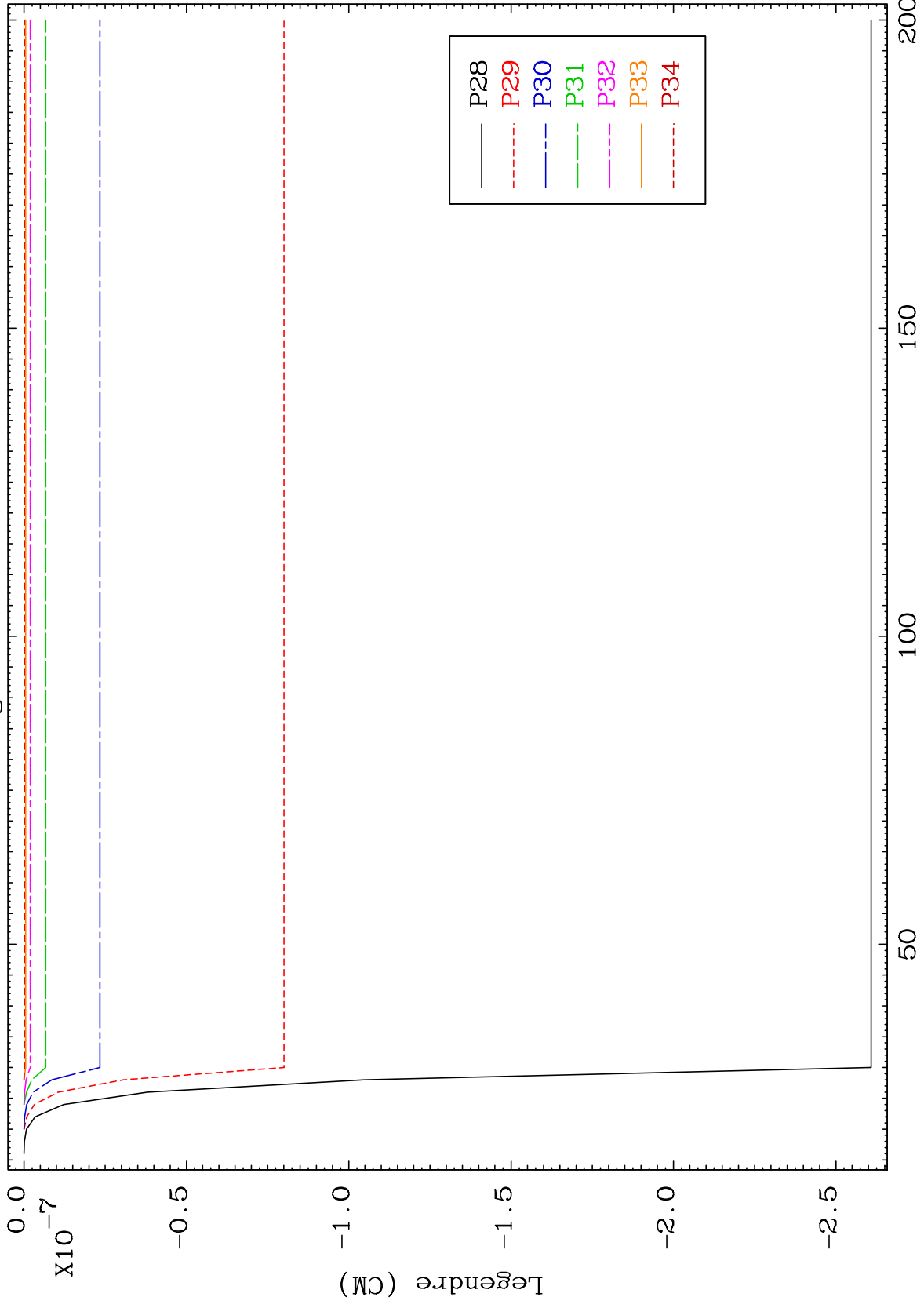
31-Ga-70



MAT 3128

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

31-Ga-70



31-Ga-70

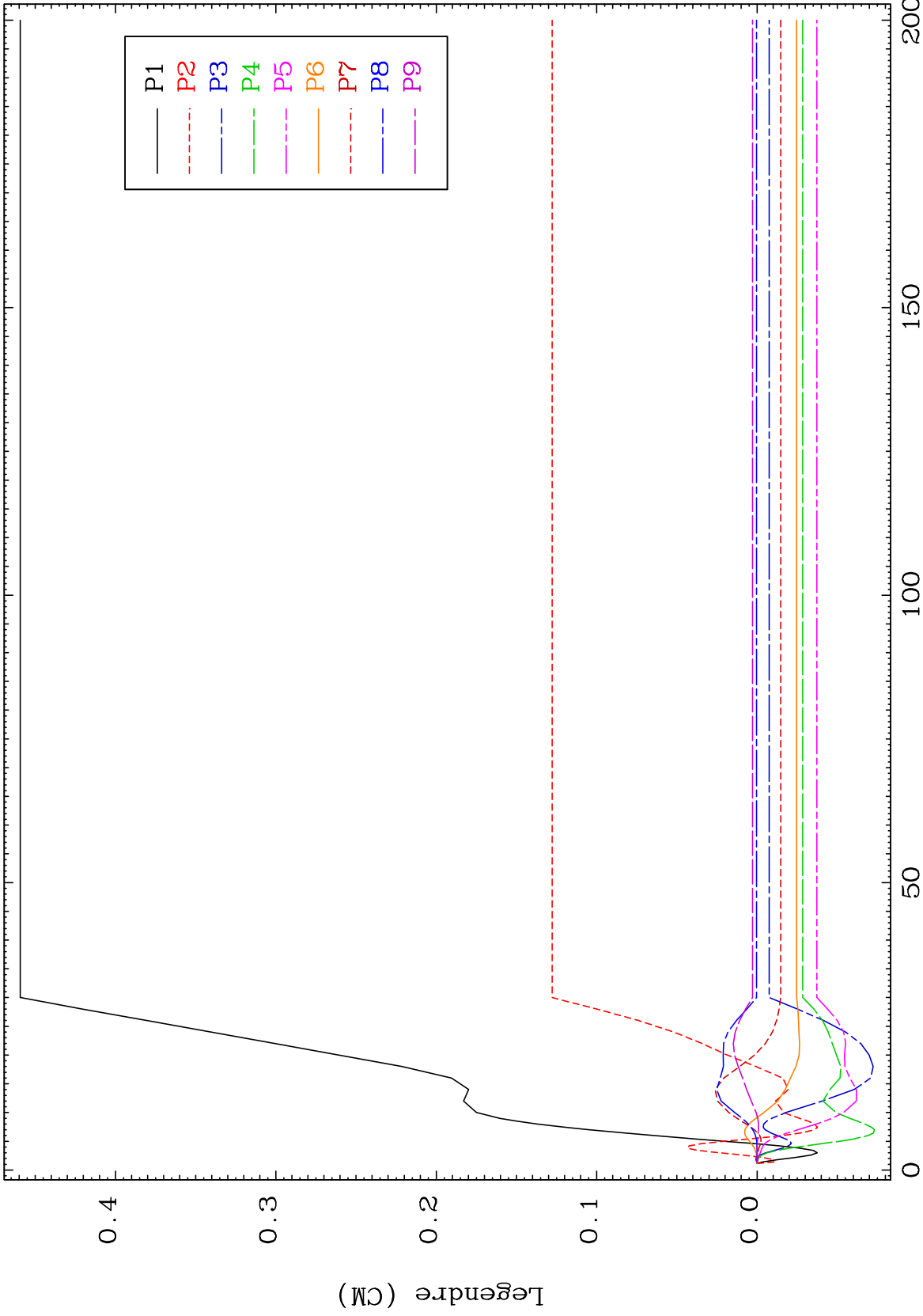
Incident Energy (MeV)

54

MAT 3128

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

31-Ga-70



55

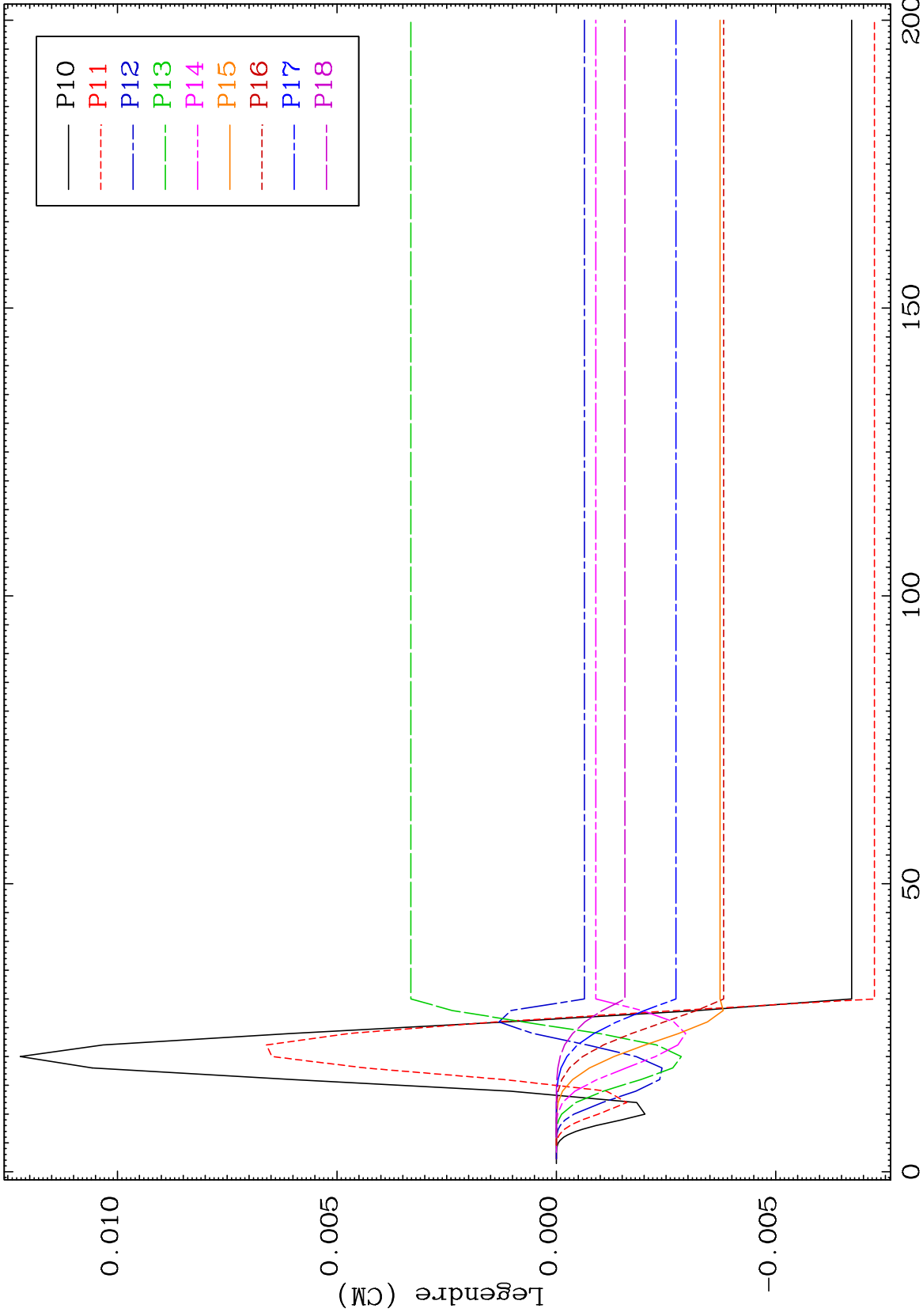
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



56

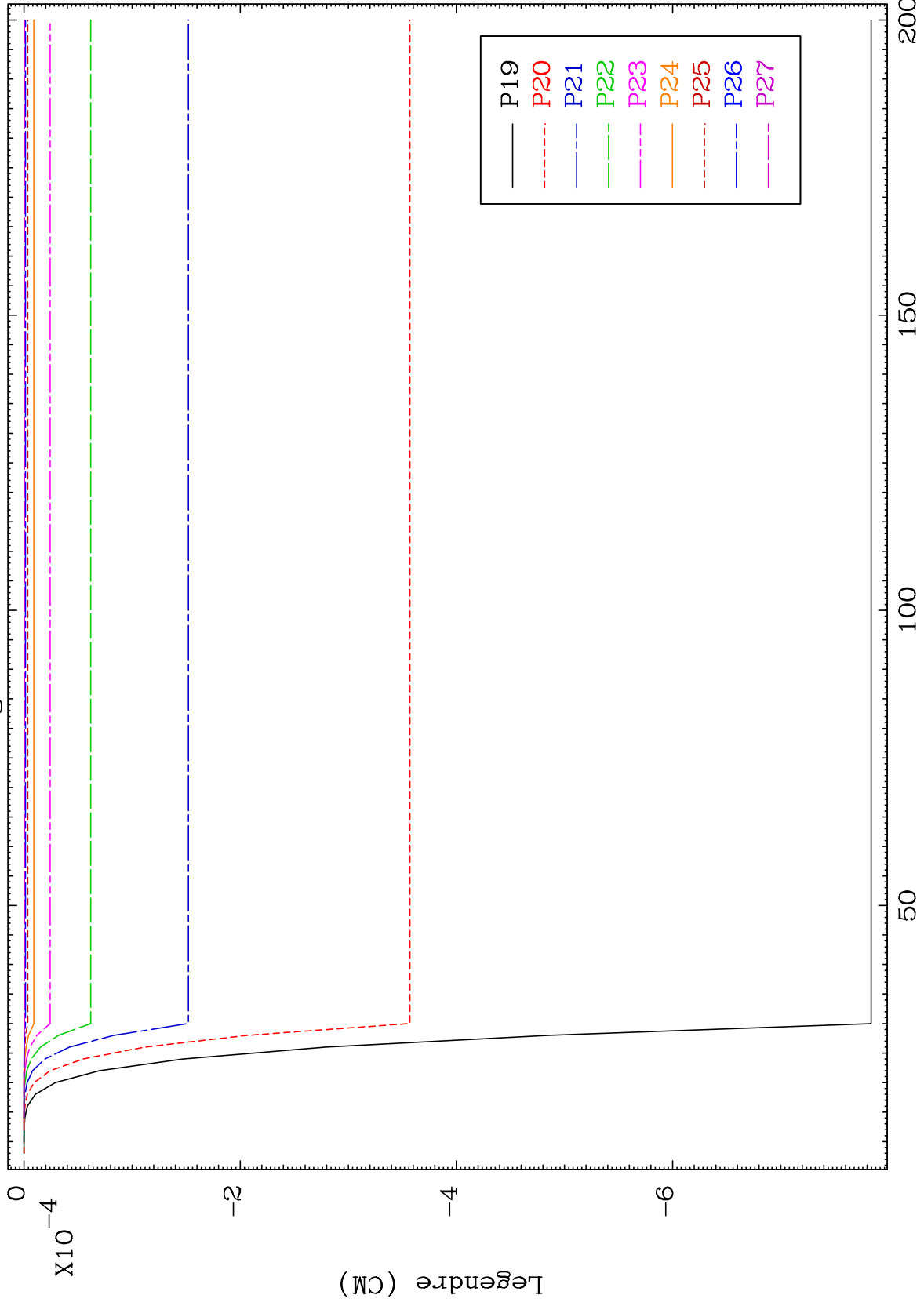
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



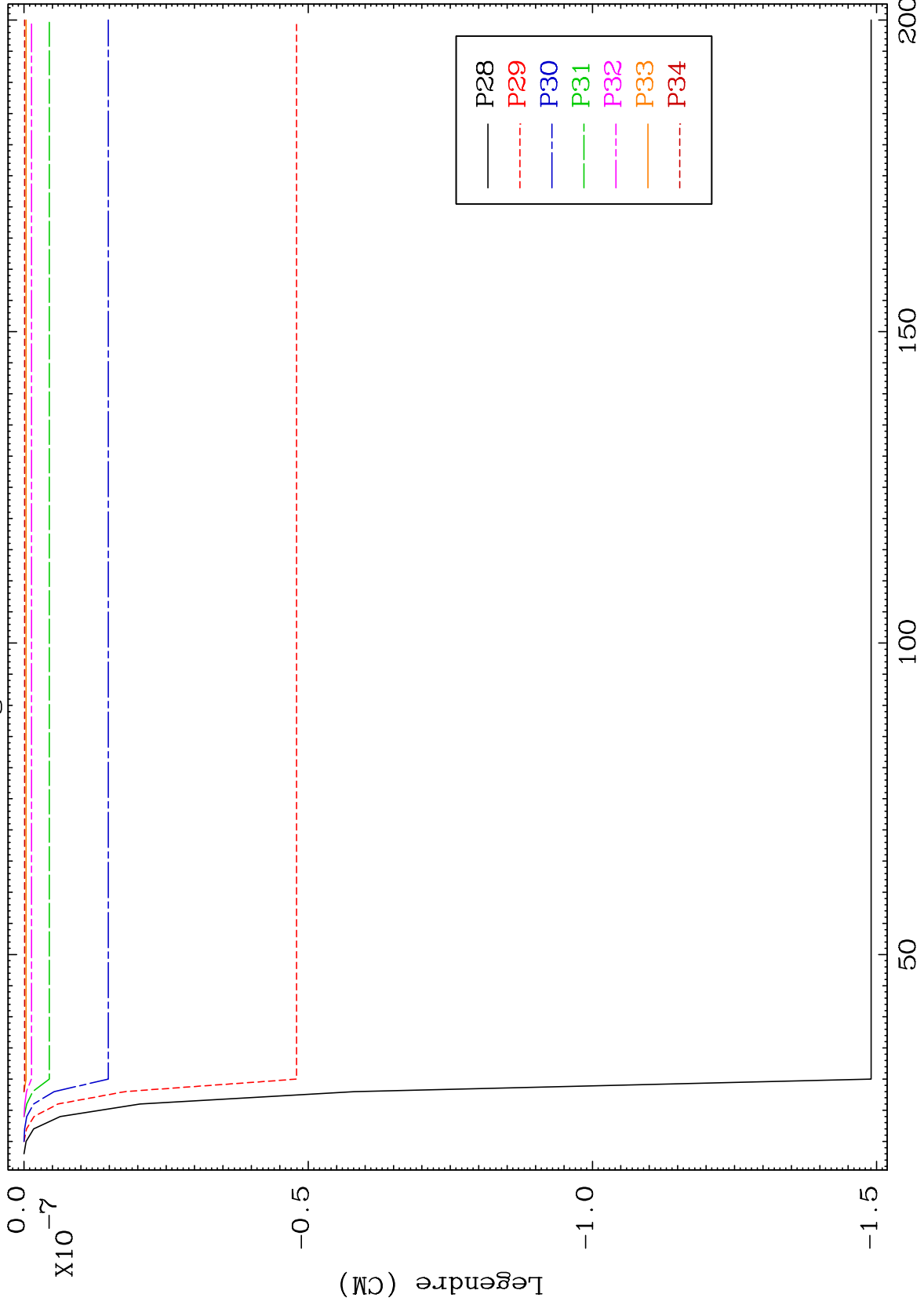
57

31-Ga-70

MAT 3128

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

31-Ga-70

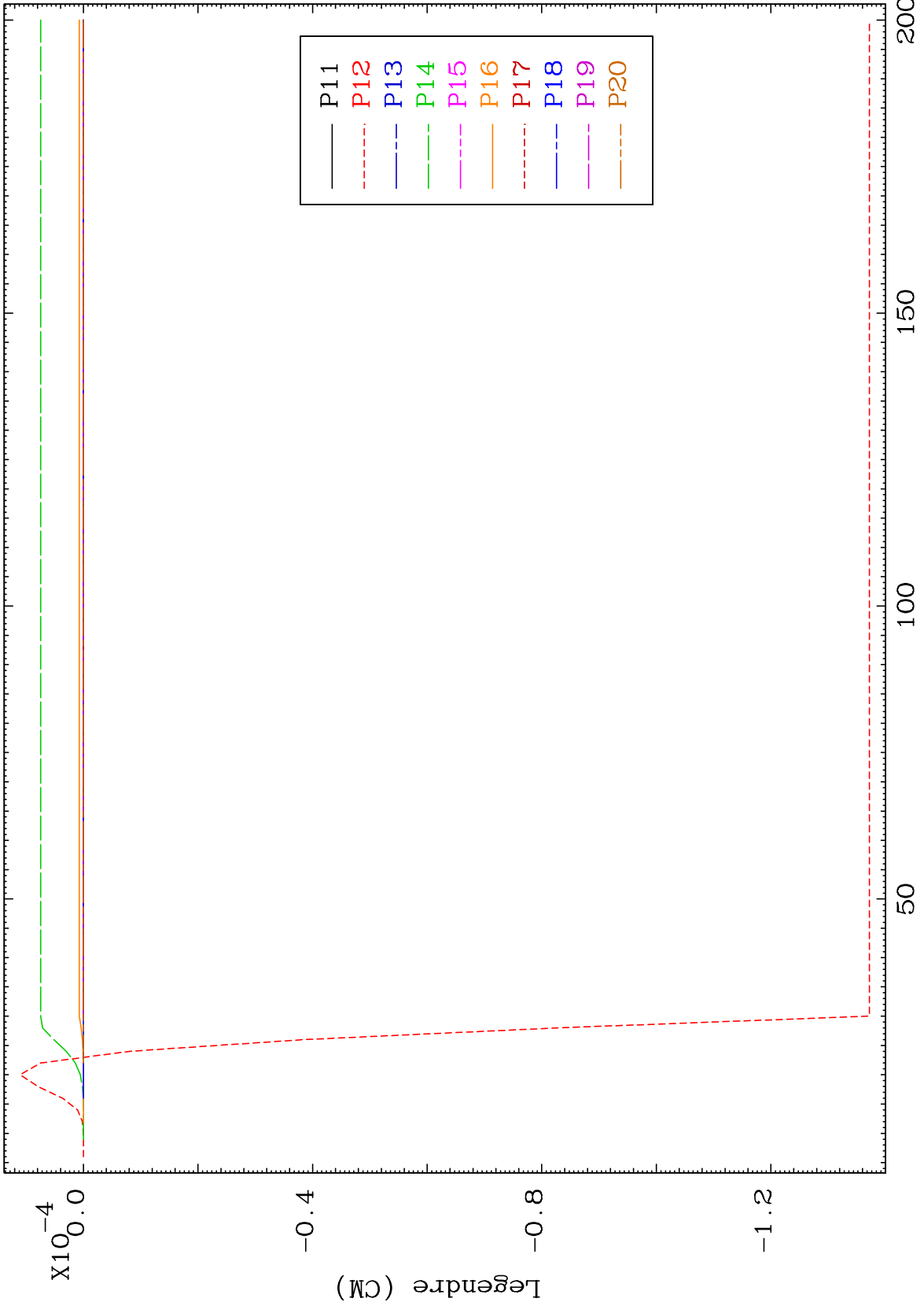


31-Ga-70

Incident Energy (MeV)

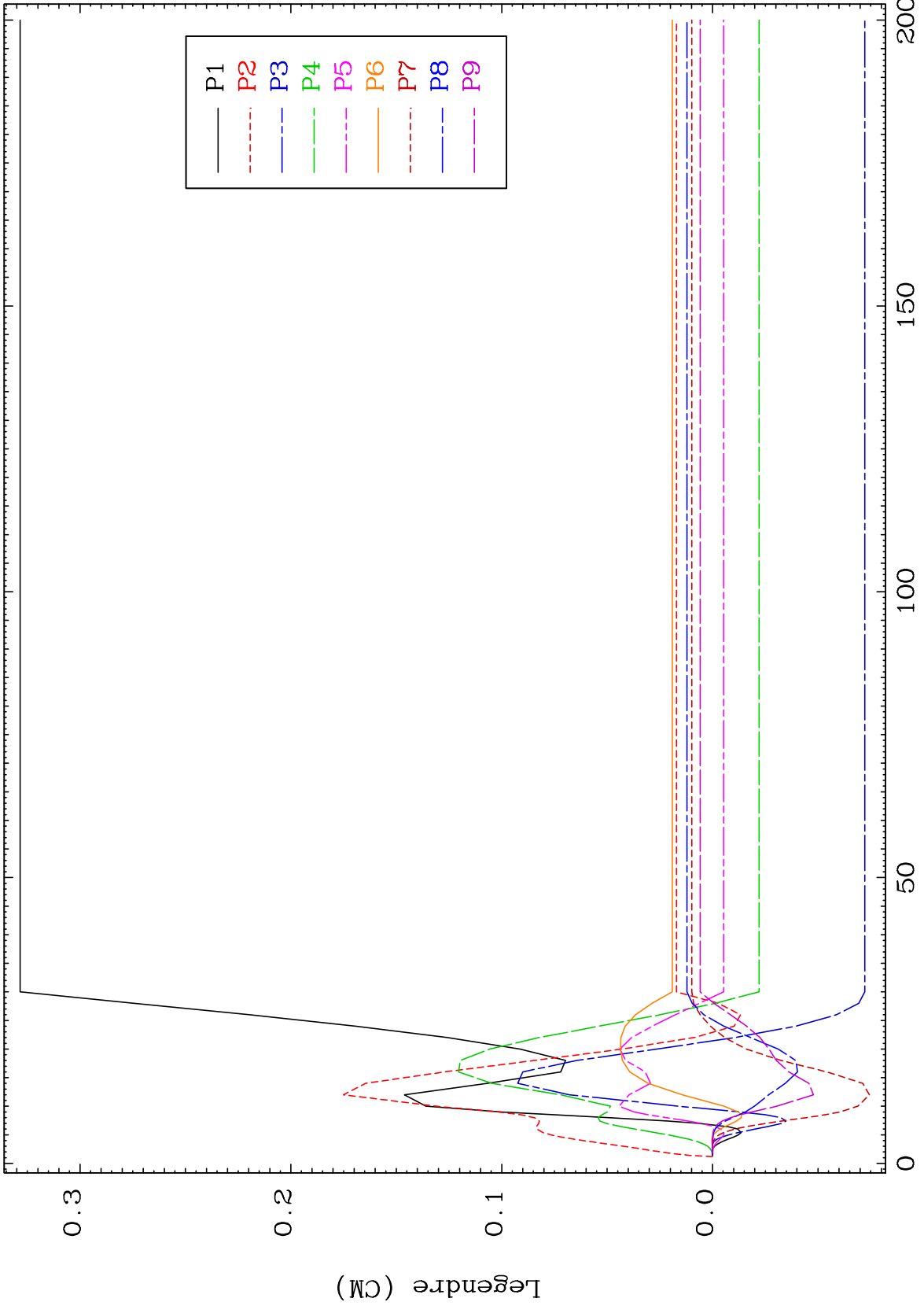
58

MAT 3128 MT= 65 (n,n') Level Legendre Coefficients 31-Ga-70



60 Incident Energy (MeV) 31-Ga-70

MAT 3128 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-70



31-Ga-70

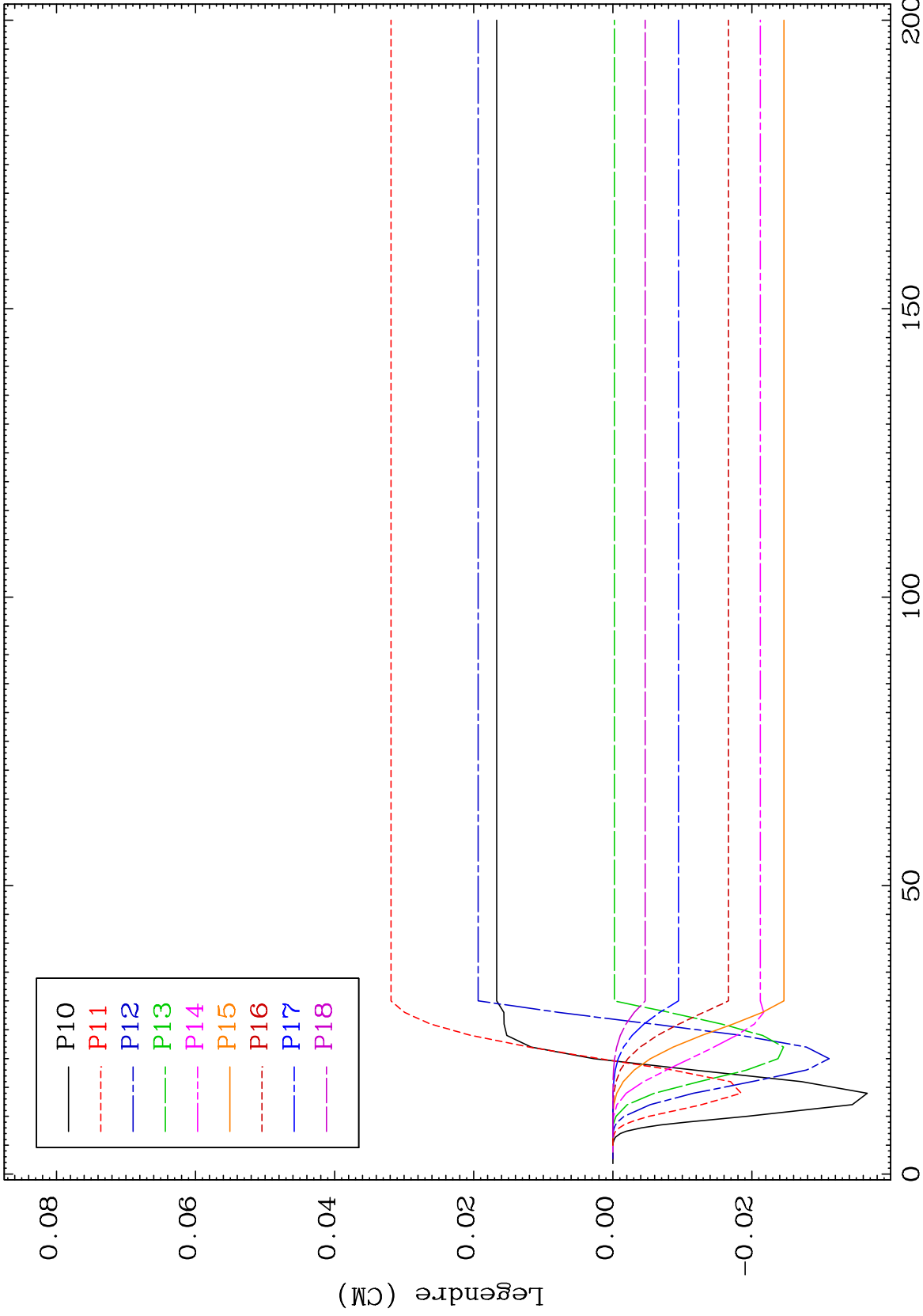
Incident Energy (MeV)

61

MAT 3128

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

31-Ga-70



62

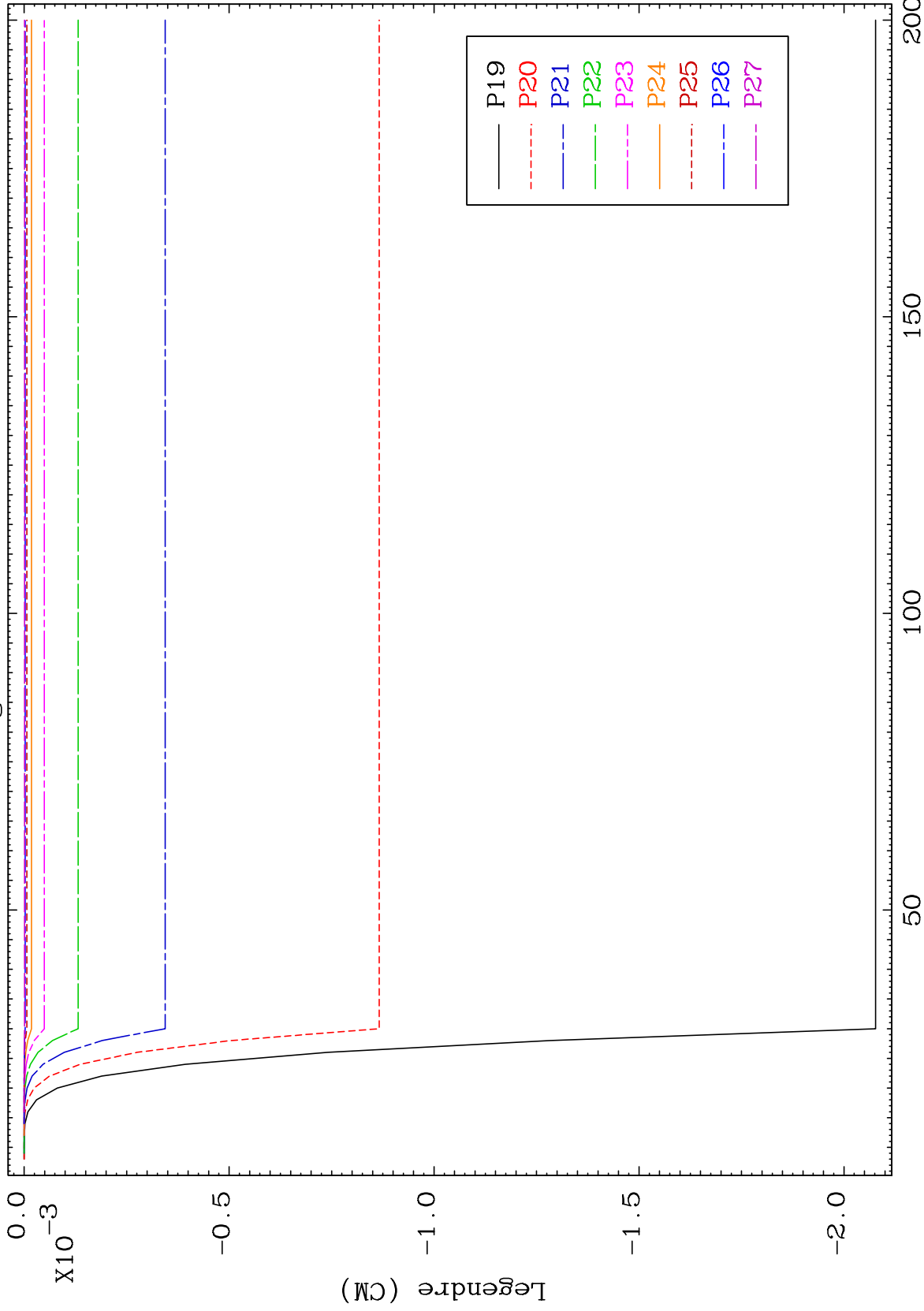
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



63

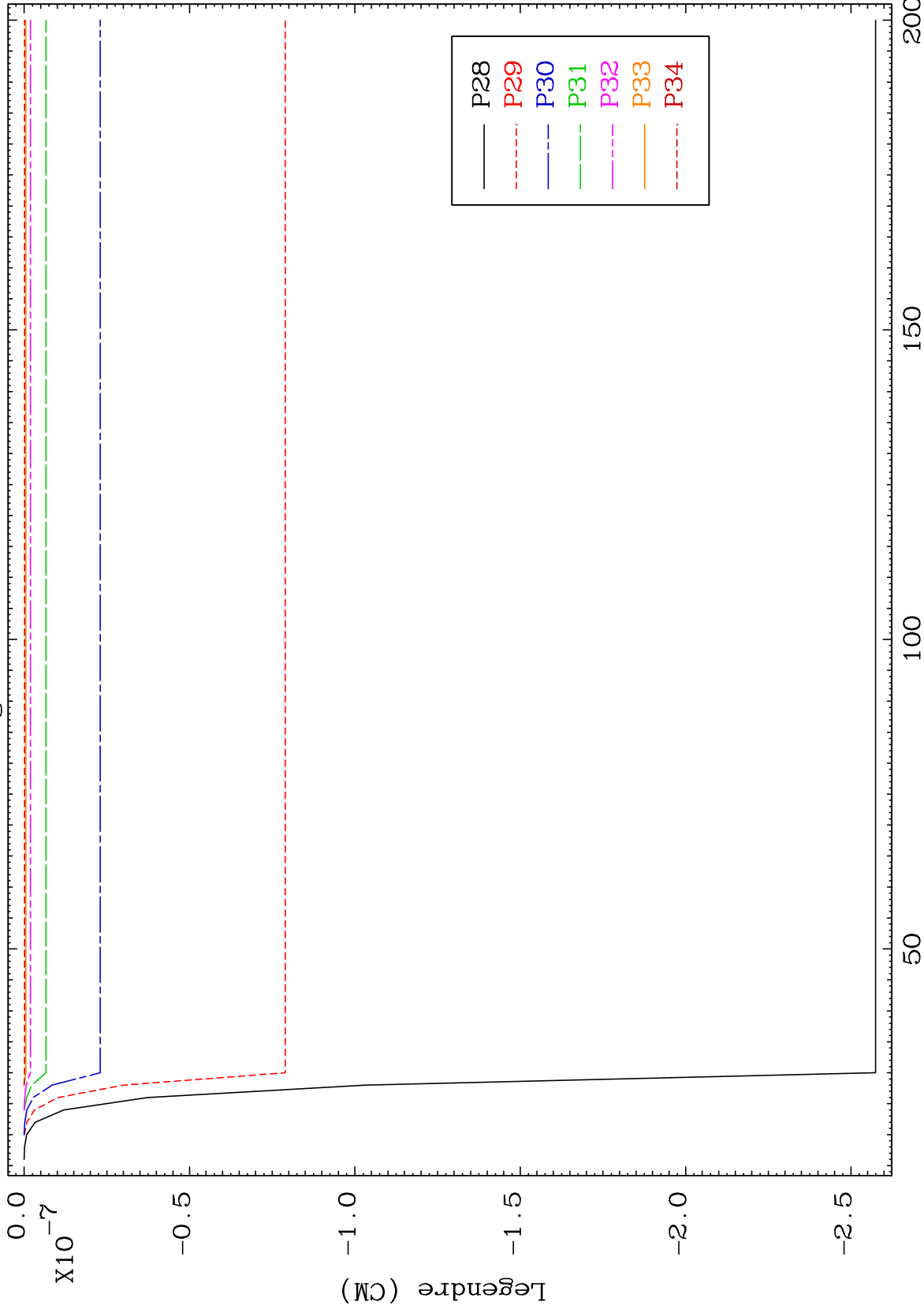
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



31-Ga-70

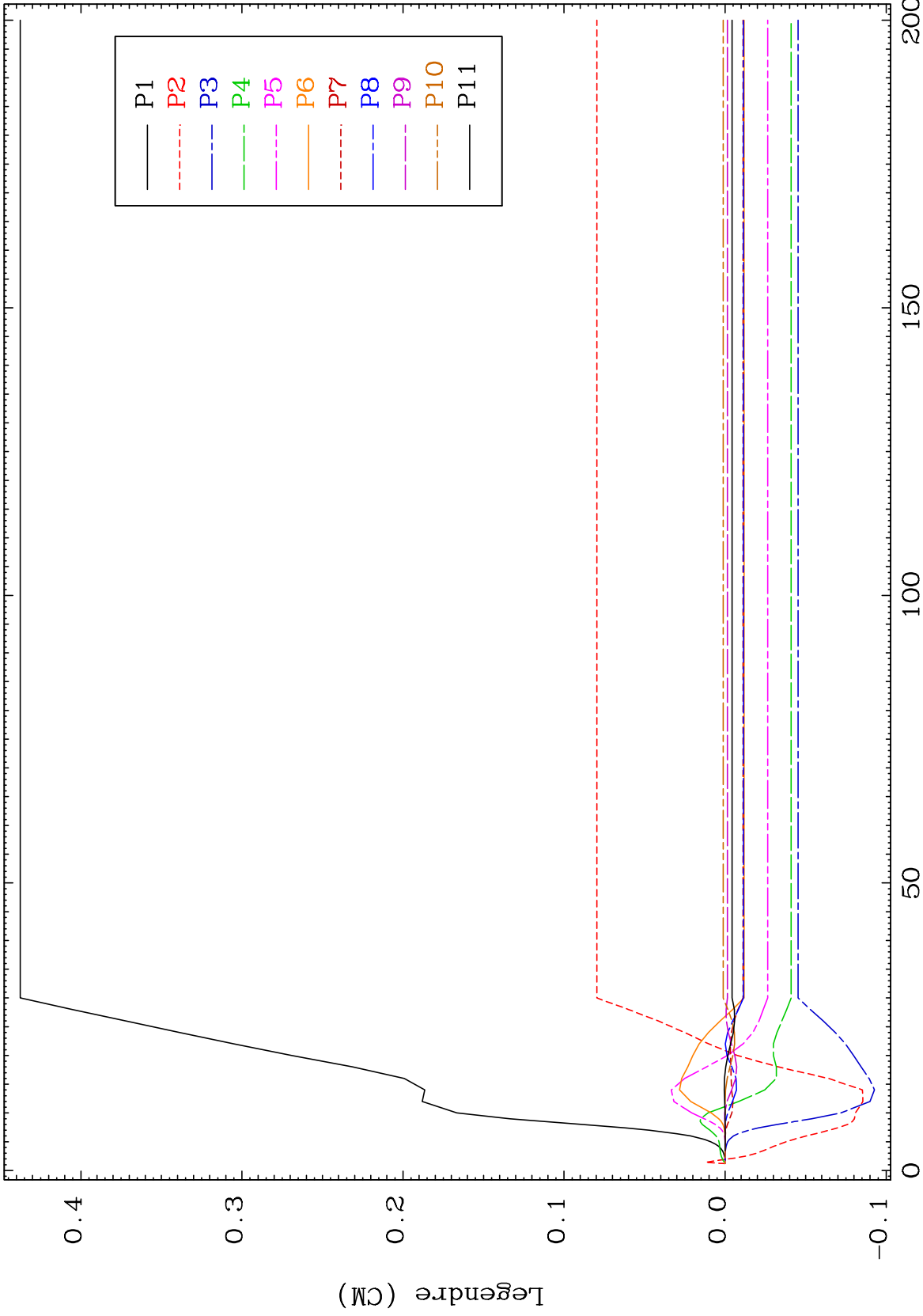
Incident Energy (MeV)

64

MAT 3128

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

31-Ga-70



65

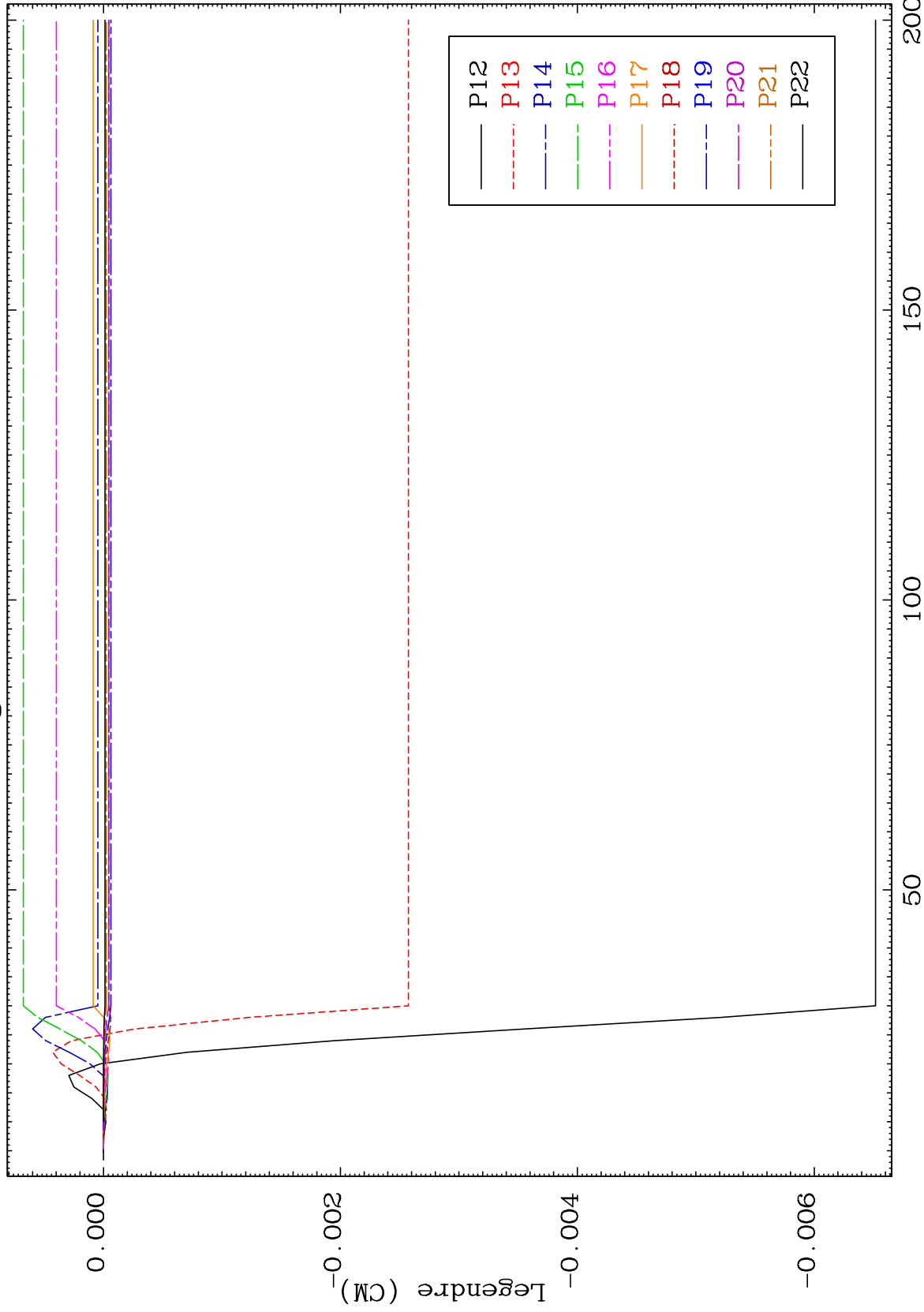
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

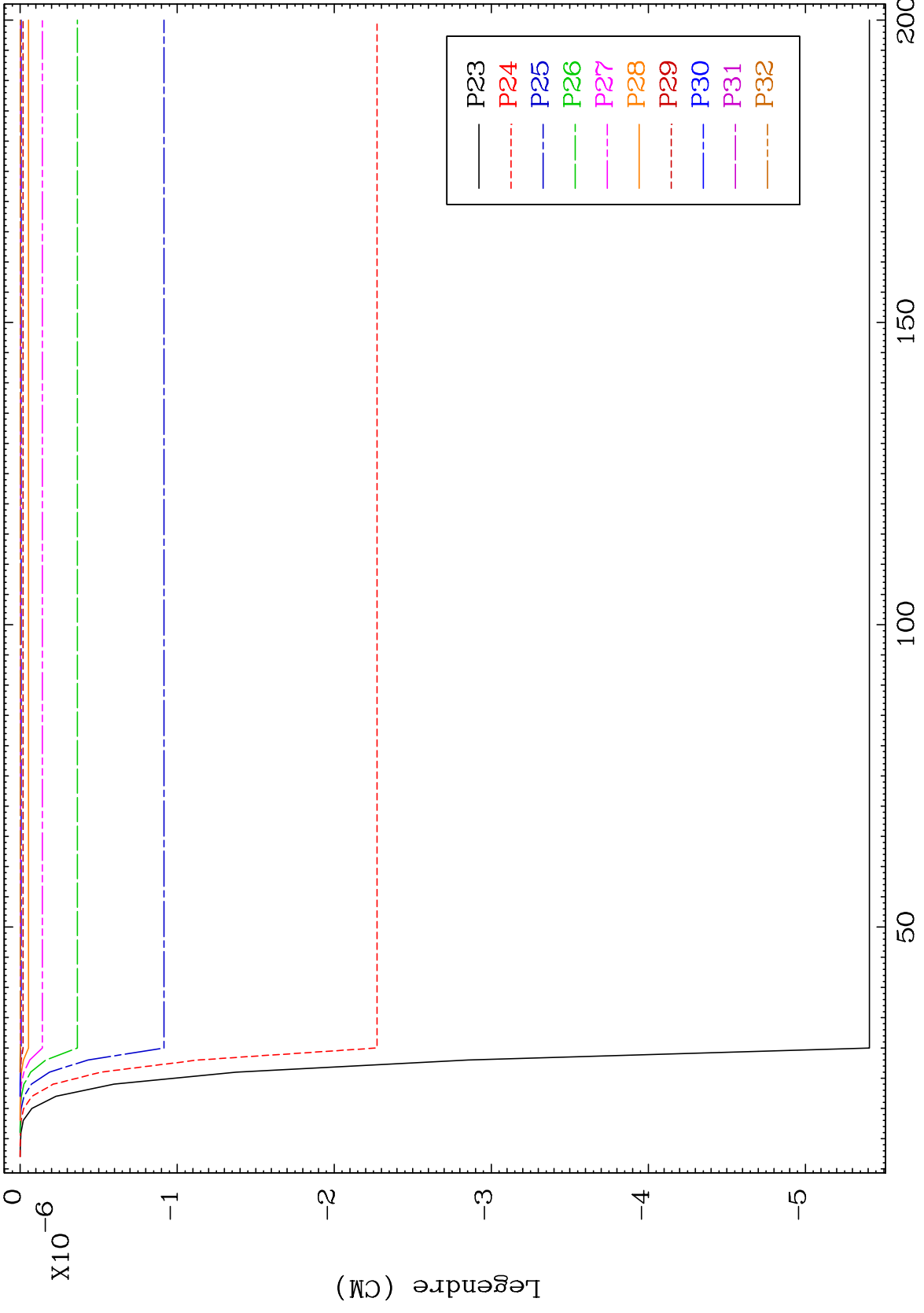


66

Incident Energy (MeV)

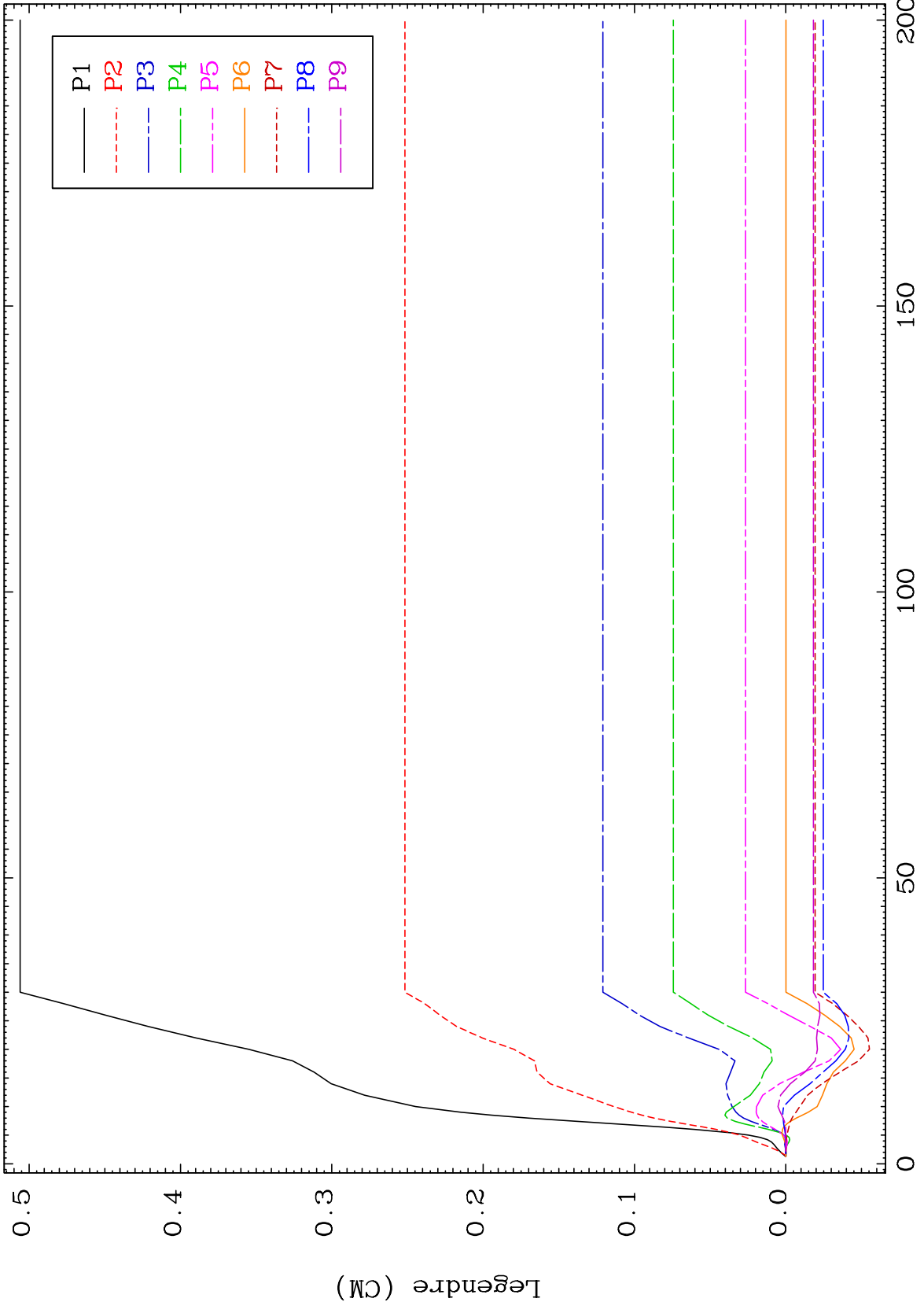
31-Ga-70

MAT 3128 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-70



67 31-Ga-70

MAT 3128 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-70

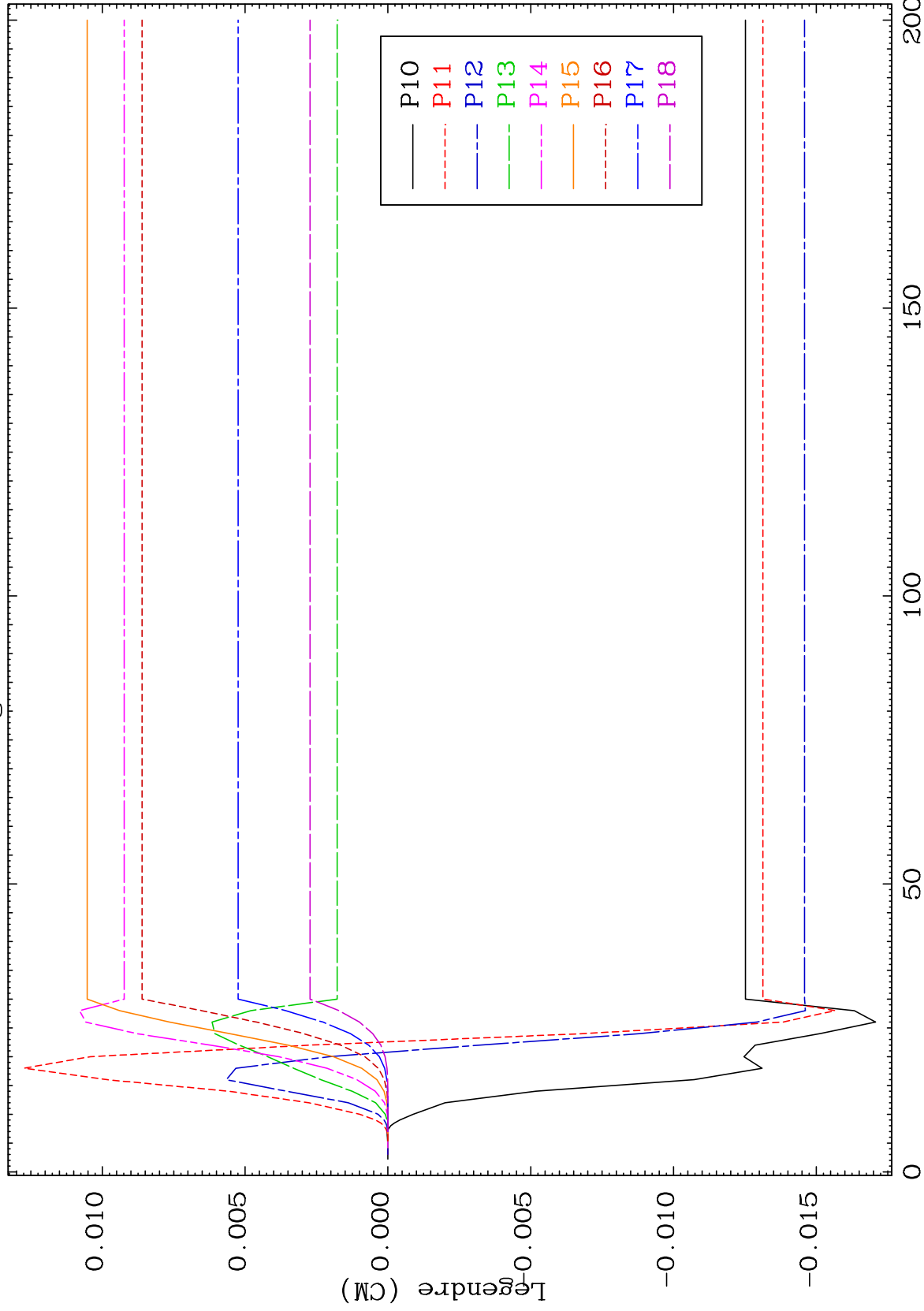


68 31-Ga-70

MAT 3128

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

31-Ga-70



69

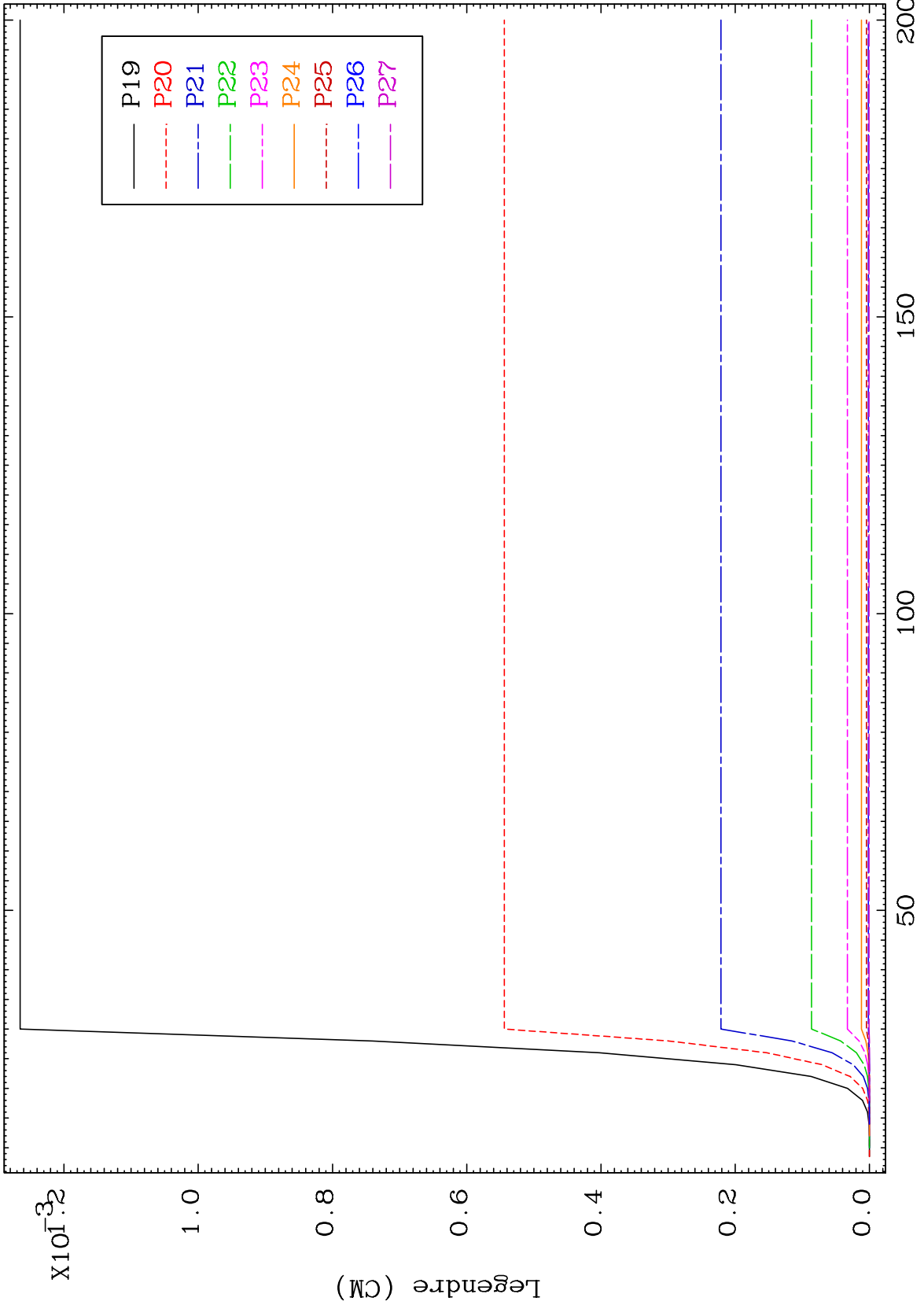
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

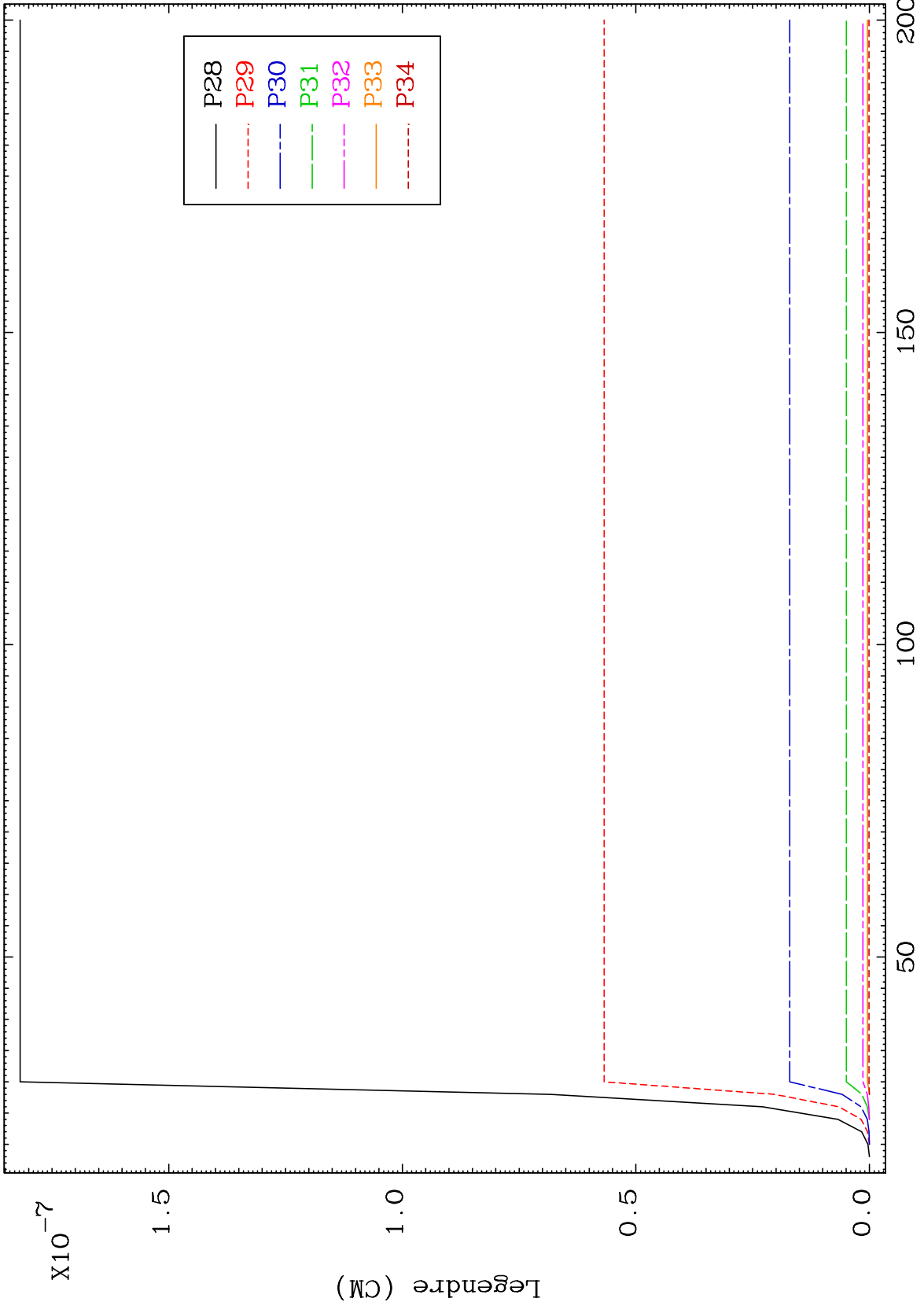


70

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-70

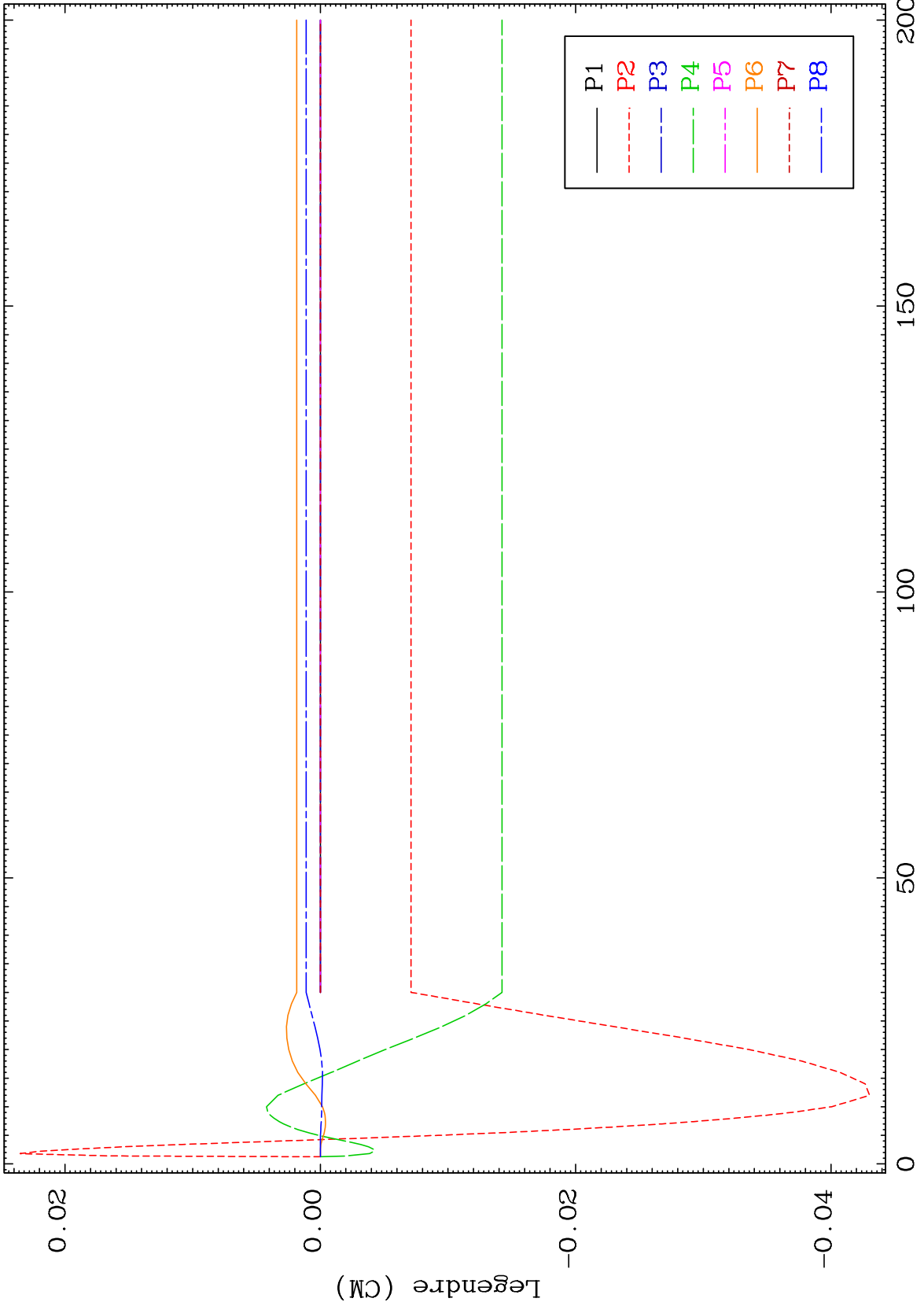


71 31-Ga-70

MAT 3128

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

31-Ga-70



72

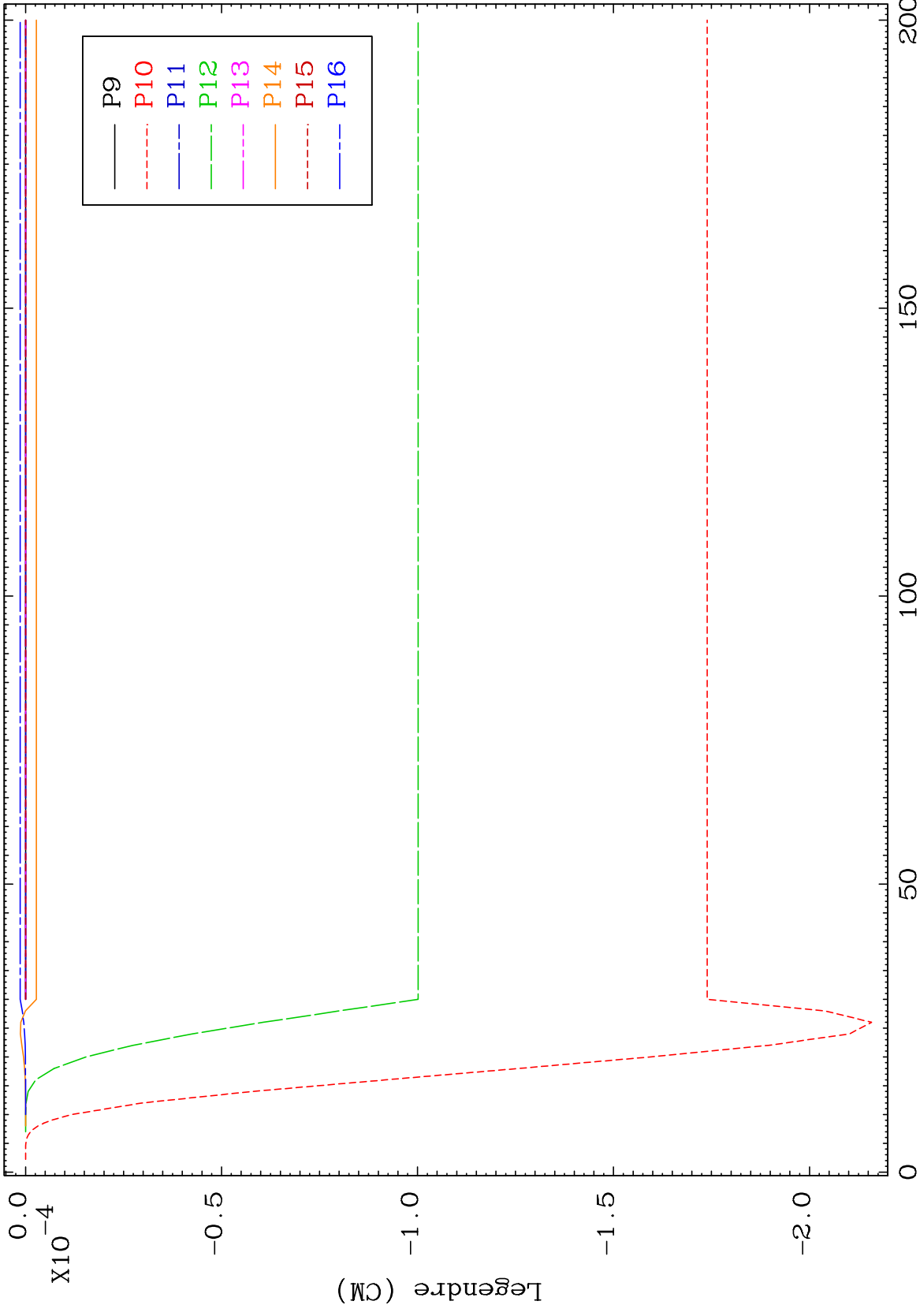
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

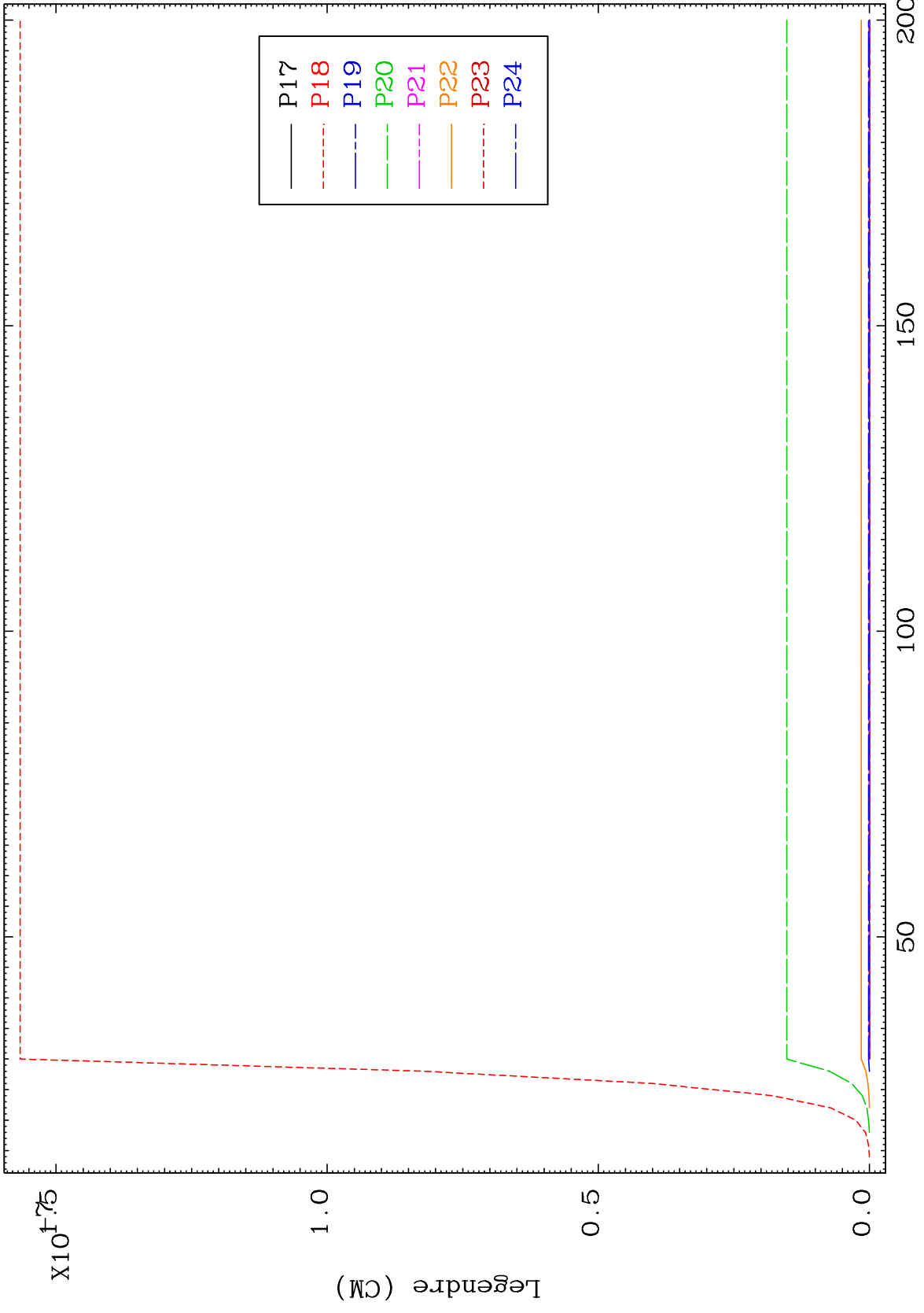
31-Ga-70



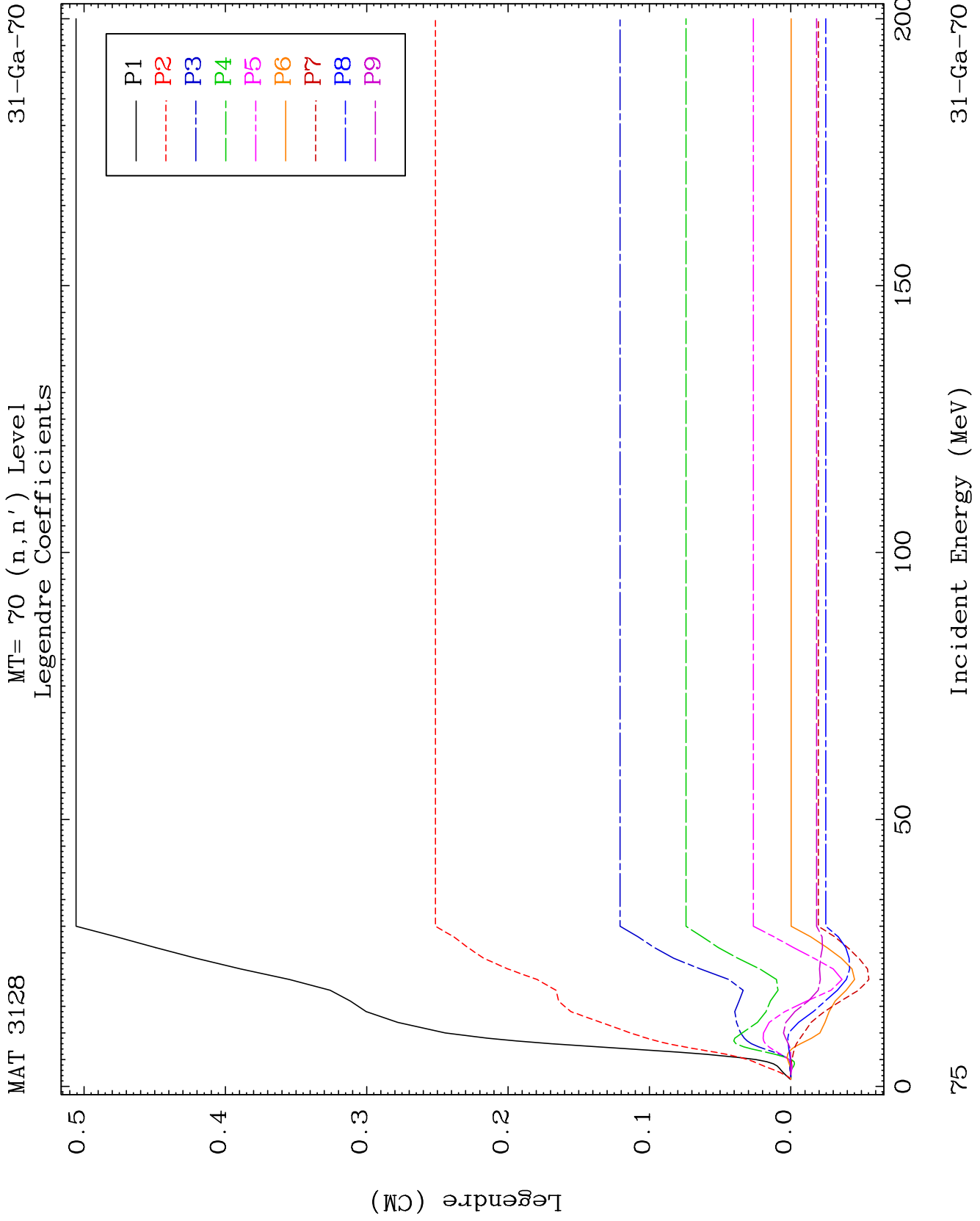
31-Ga-70

73

MAT 3128 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-70



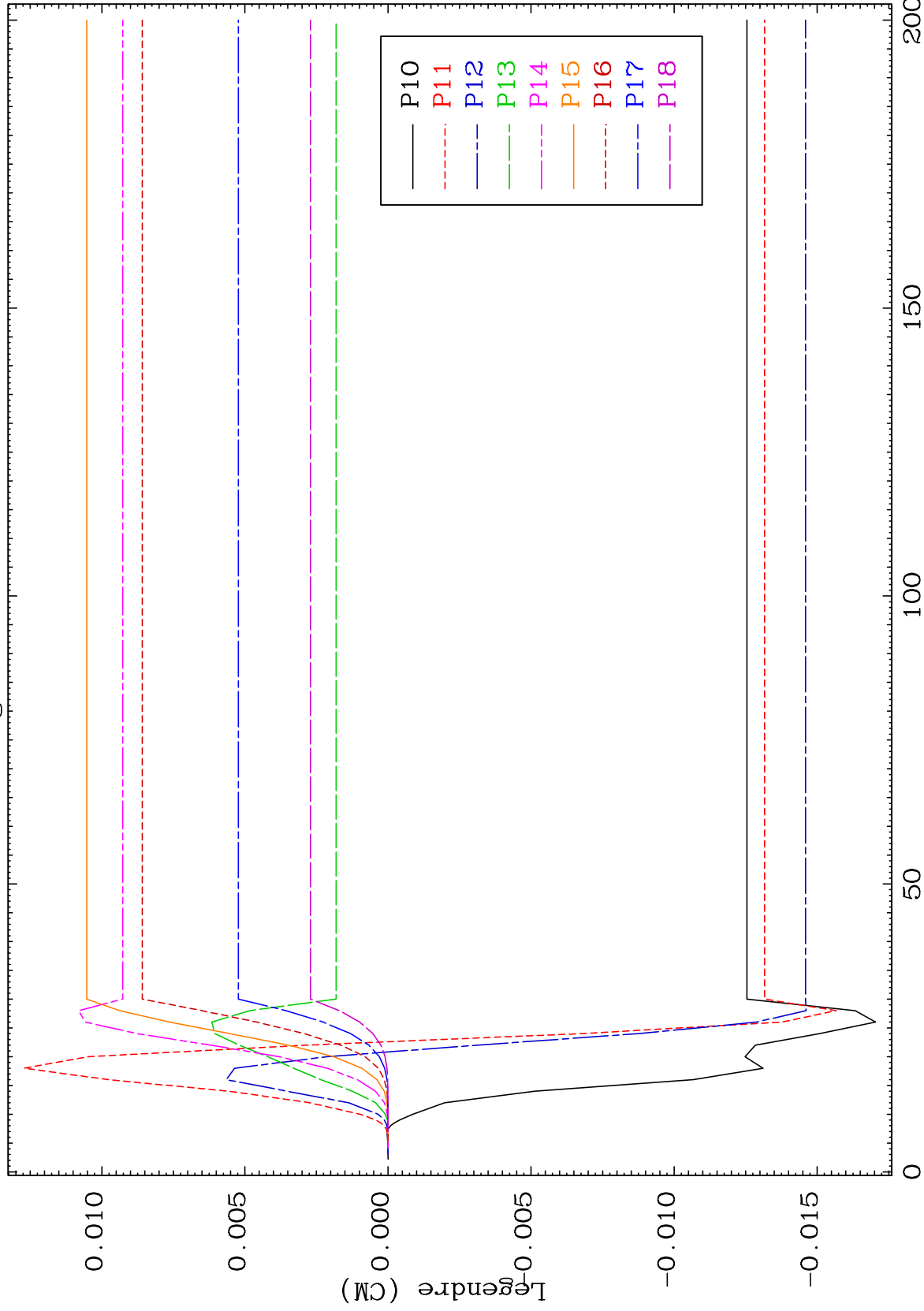
74 50 100 150 200 31-Ga-70



MAT 3128

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

31-Ga-70



76

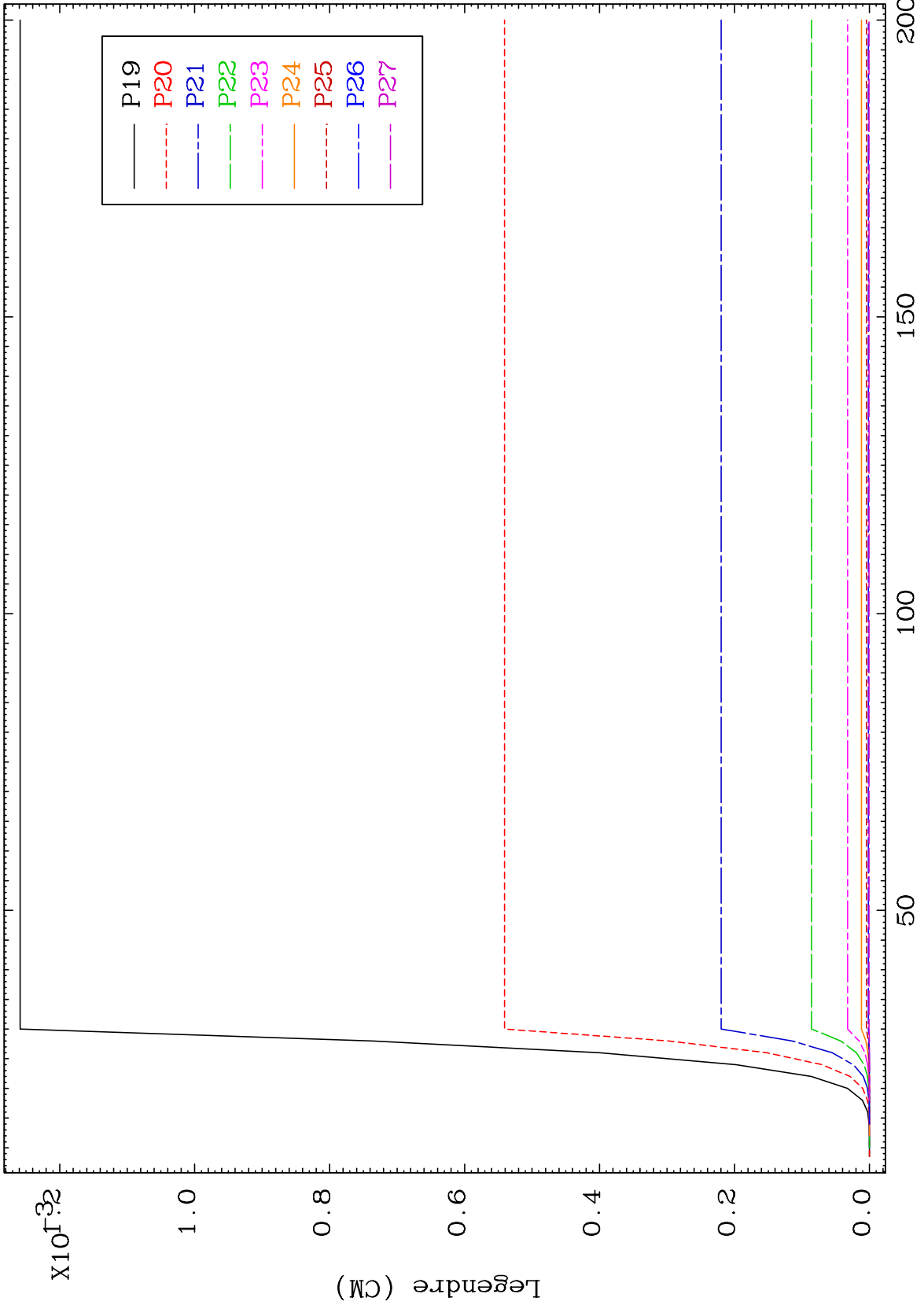
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

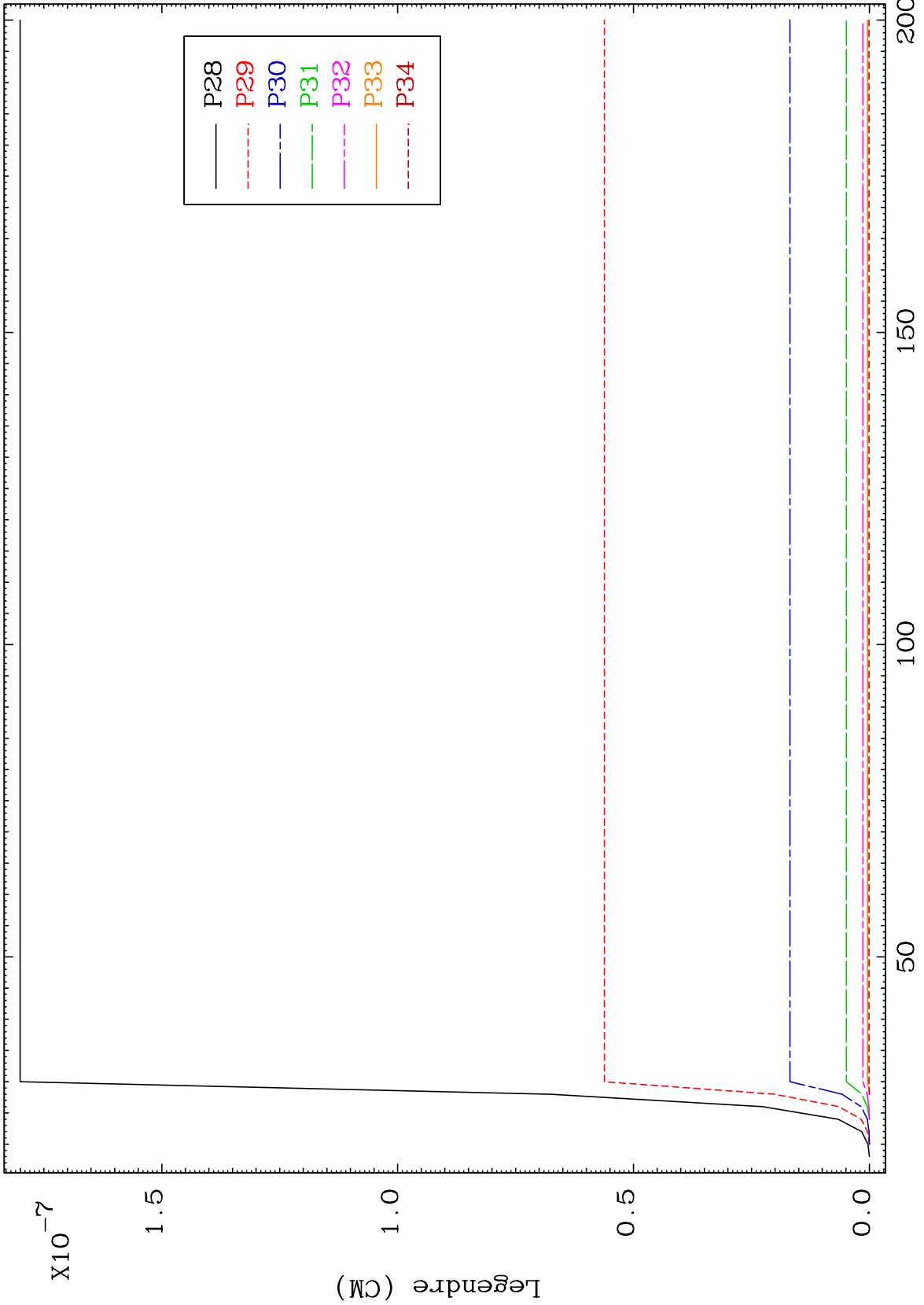


77

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-70

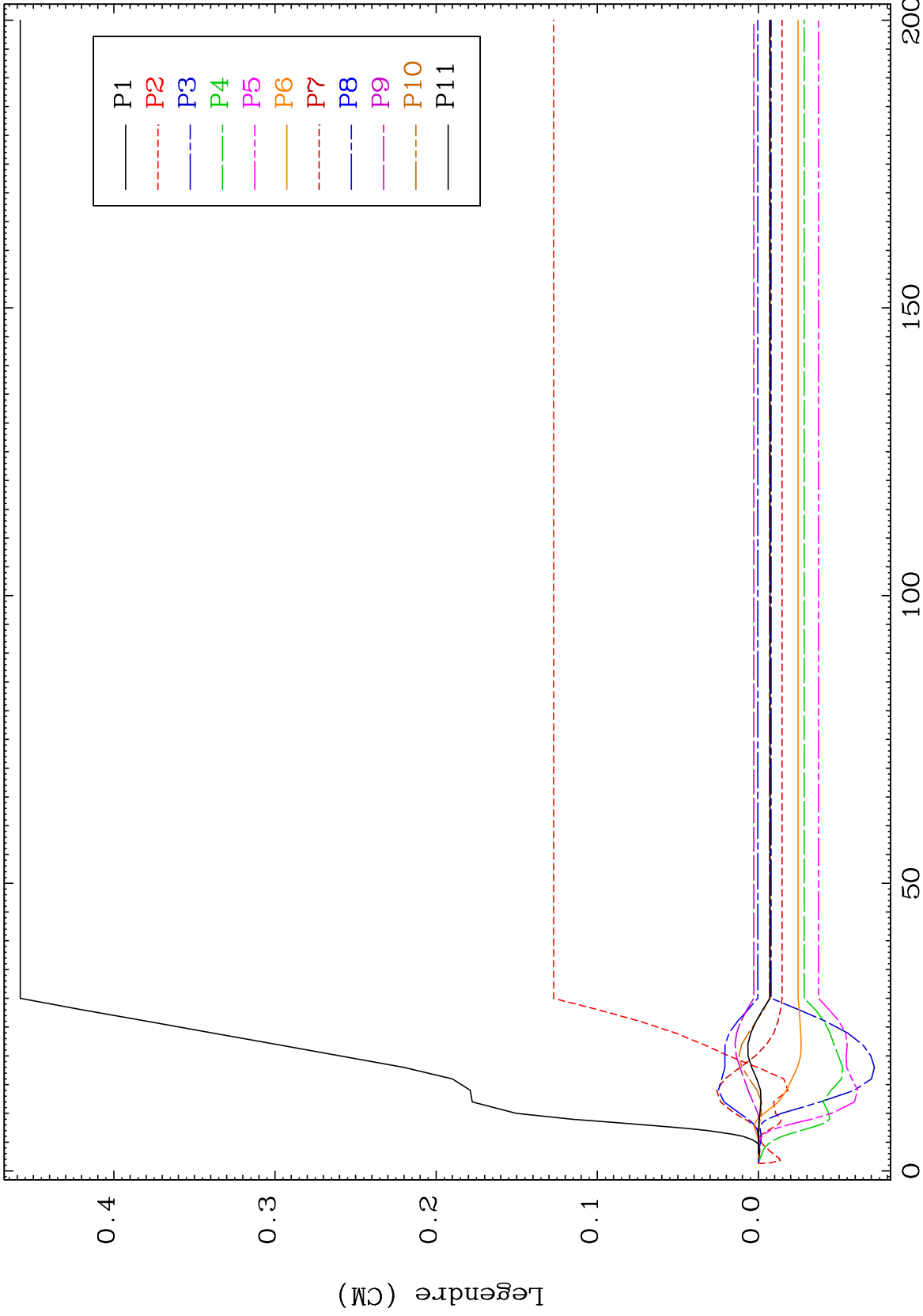


78 31-Ga-70

MAT 3128

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

31-Ga-70



79

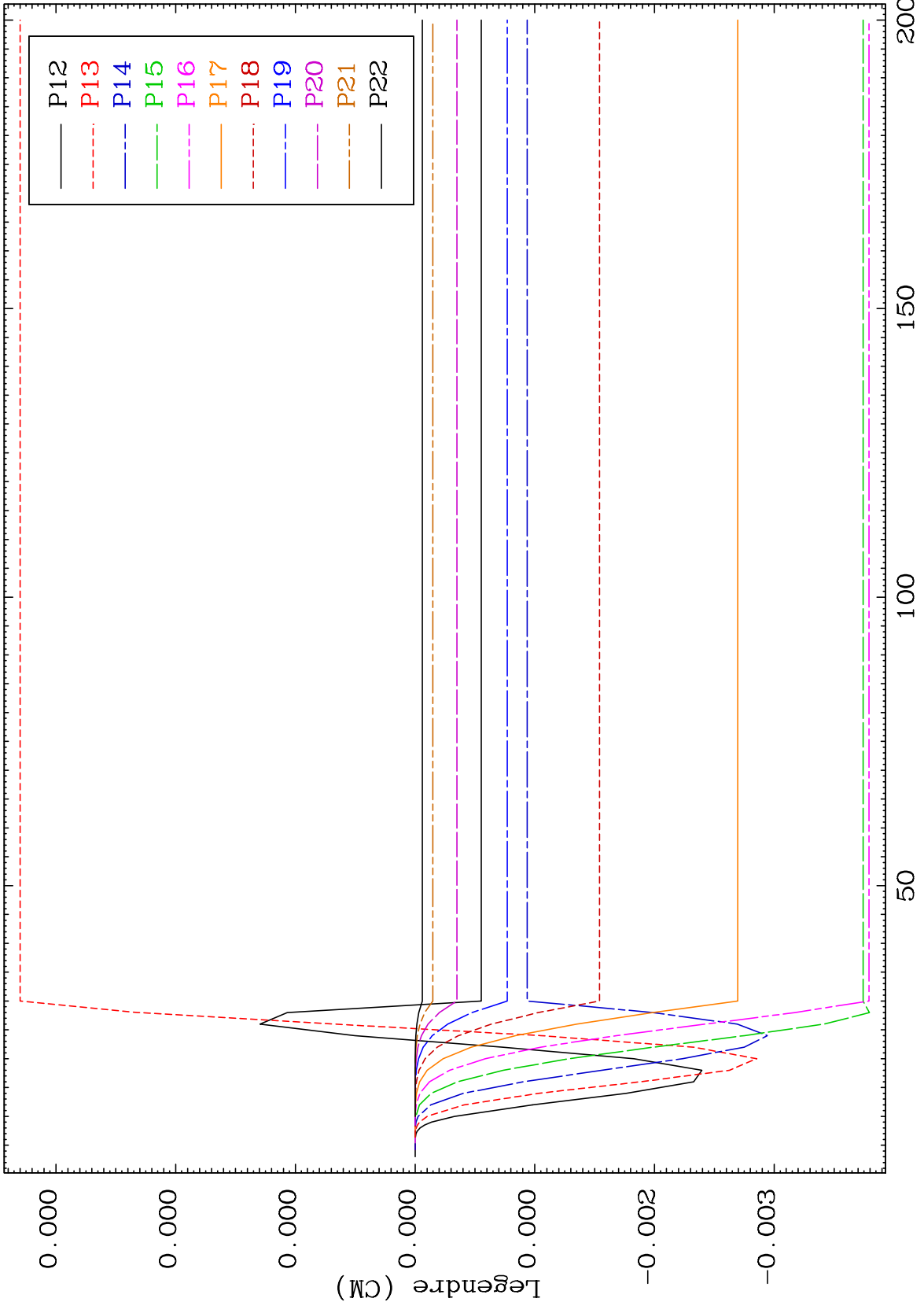
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

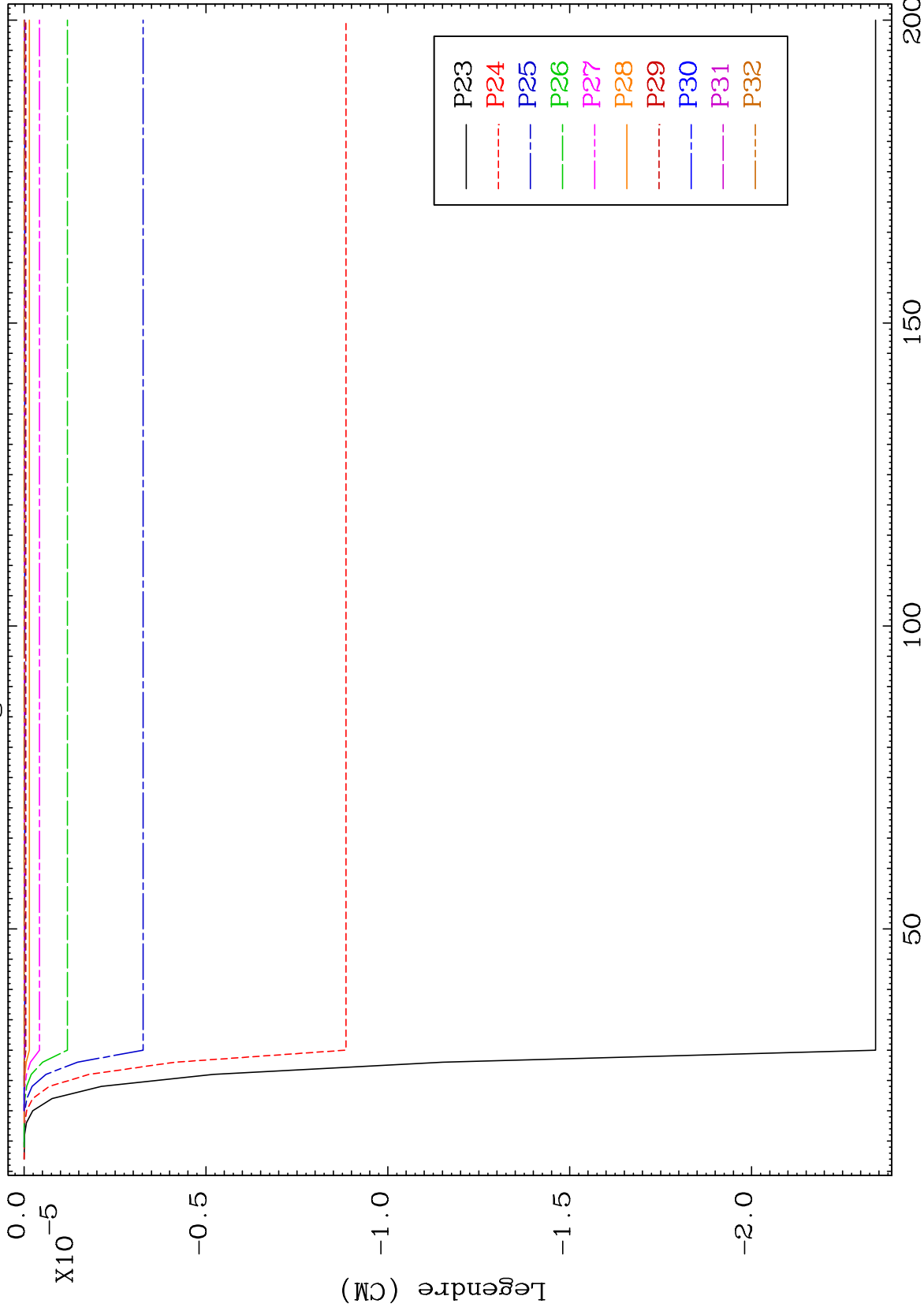
31-Ga-70



80

Incident Energy (MeV)

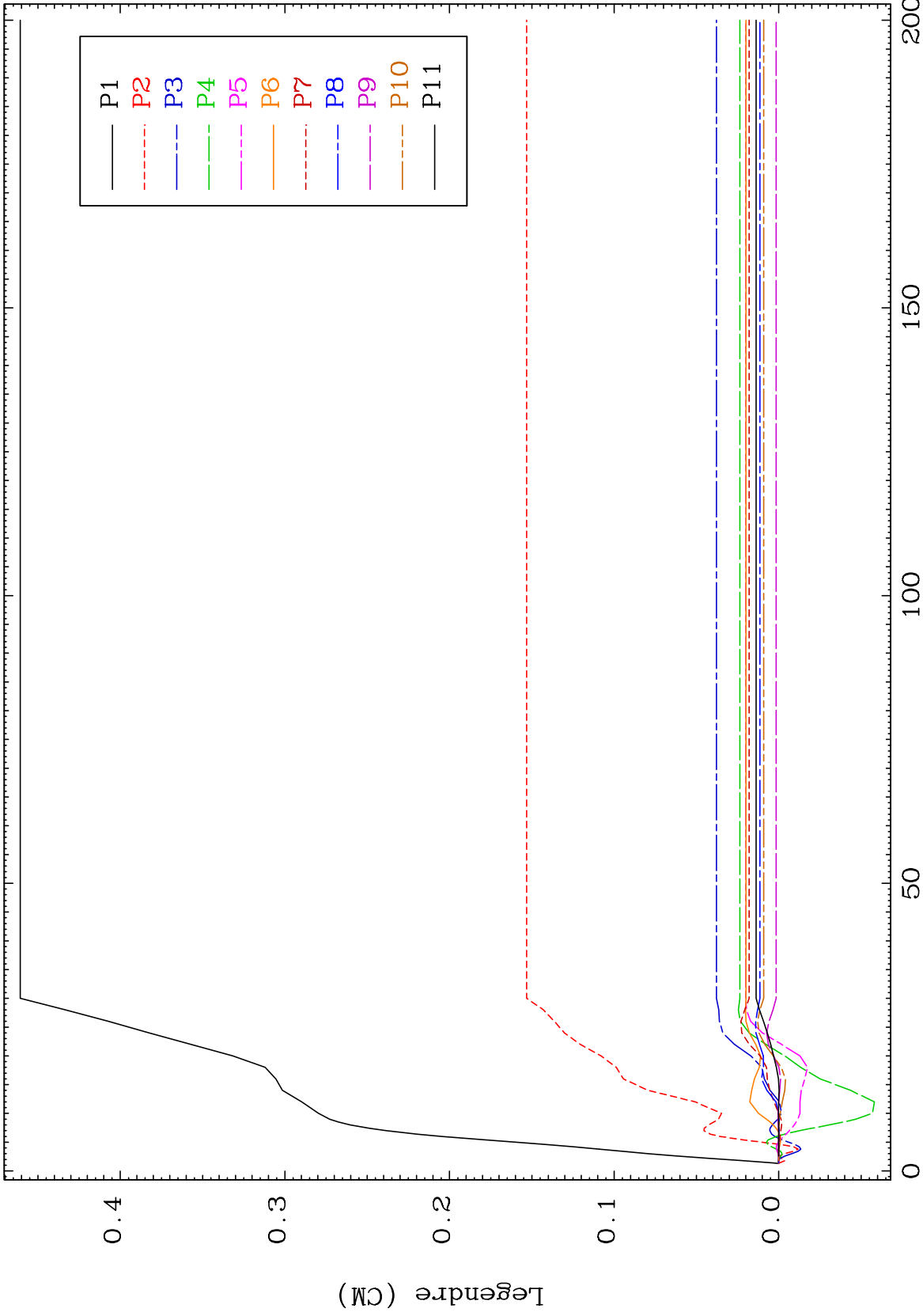
31-Ga-70



MAT 3128

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

31-Ga-70



82

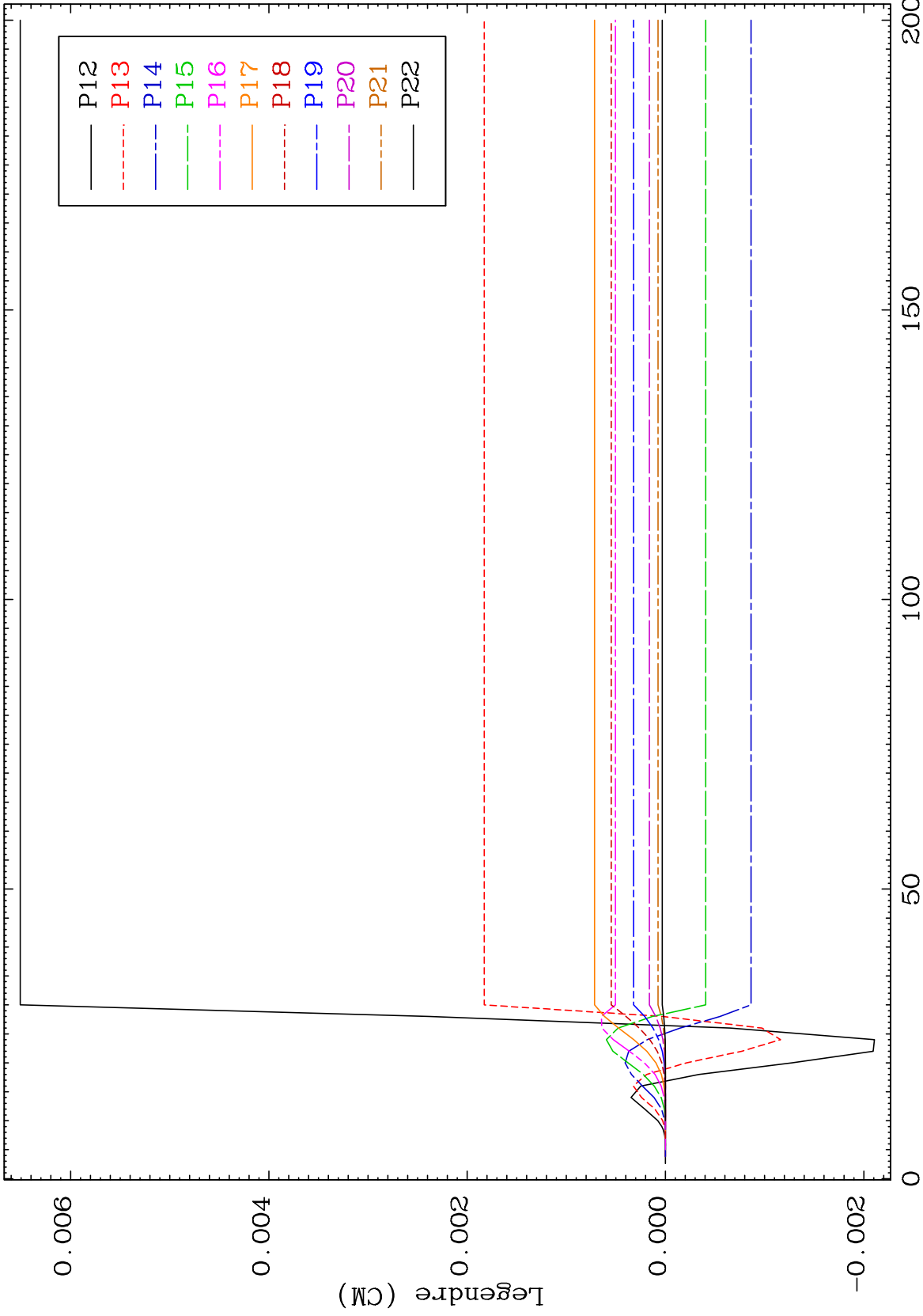
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



83

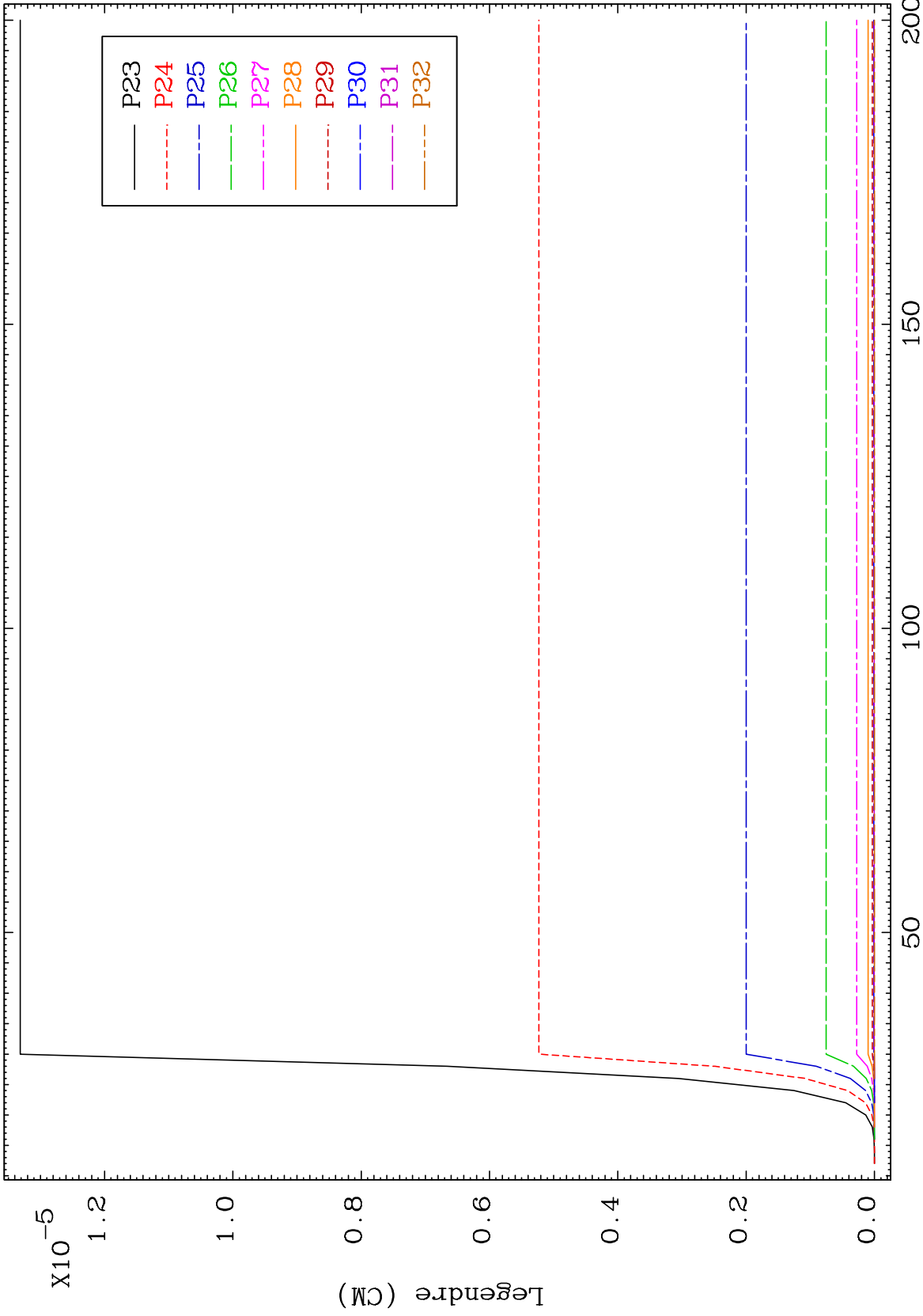
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70

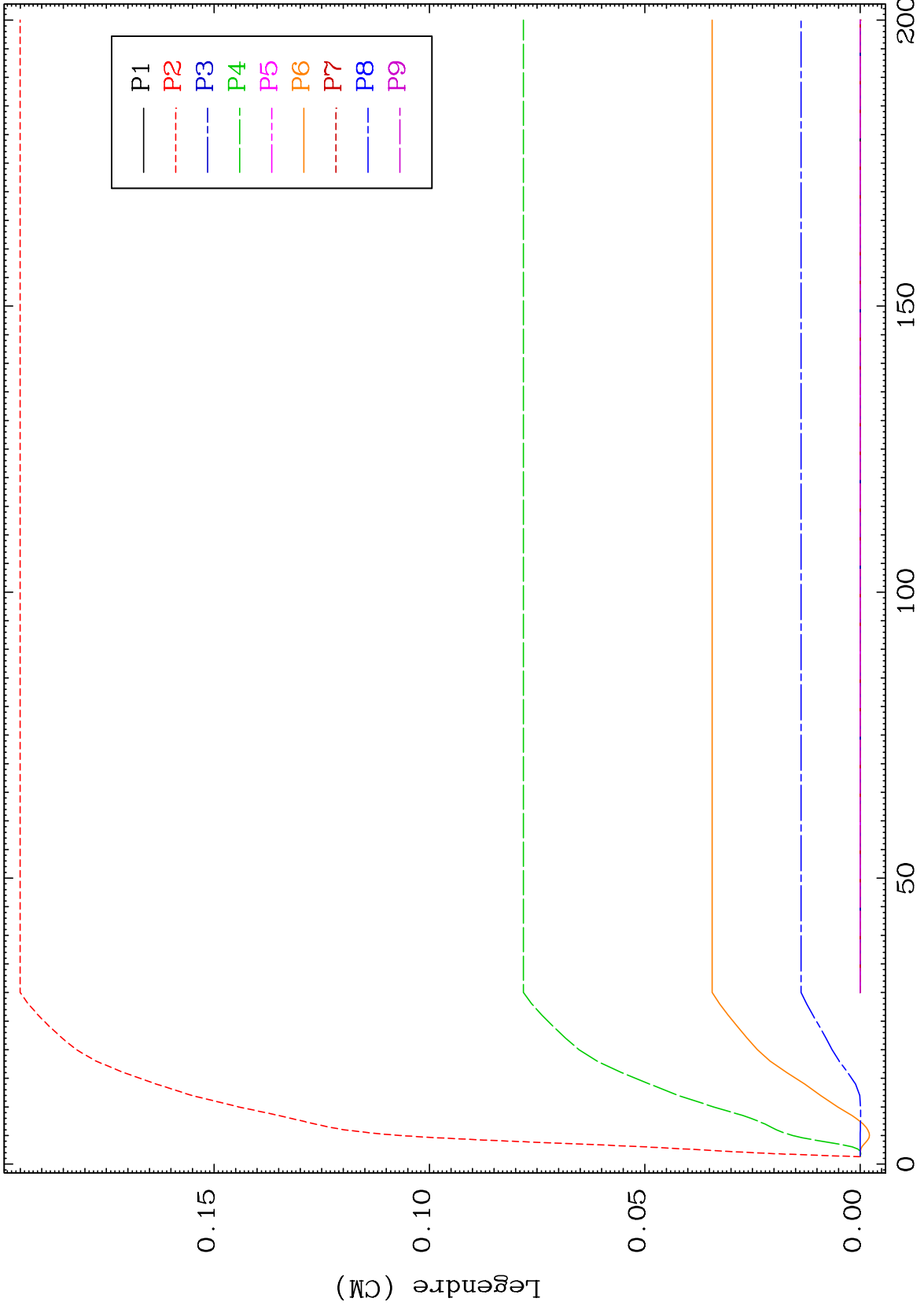


84

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-70

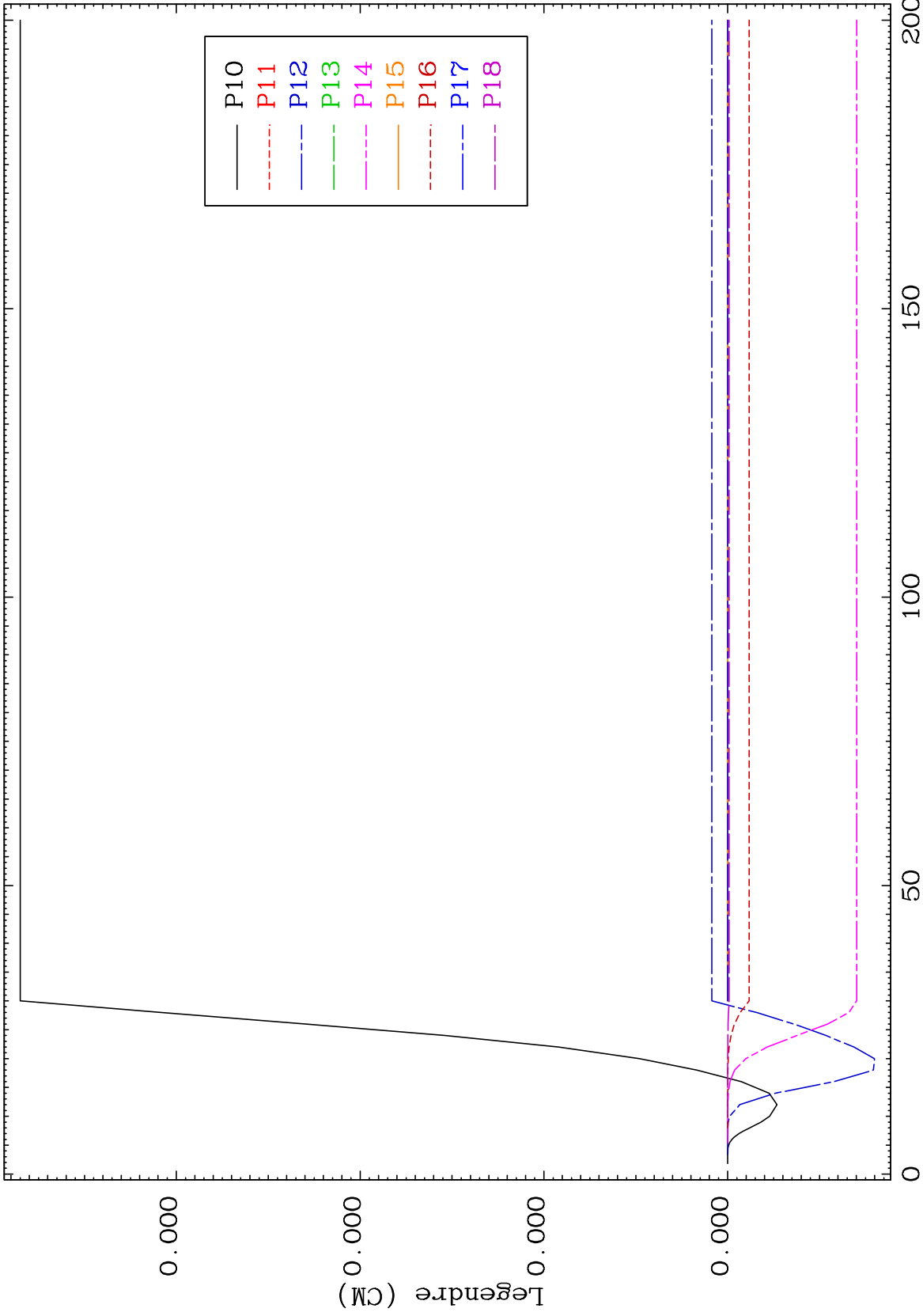


85 Incident Energy (MeV) 31-Ga-70

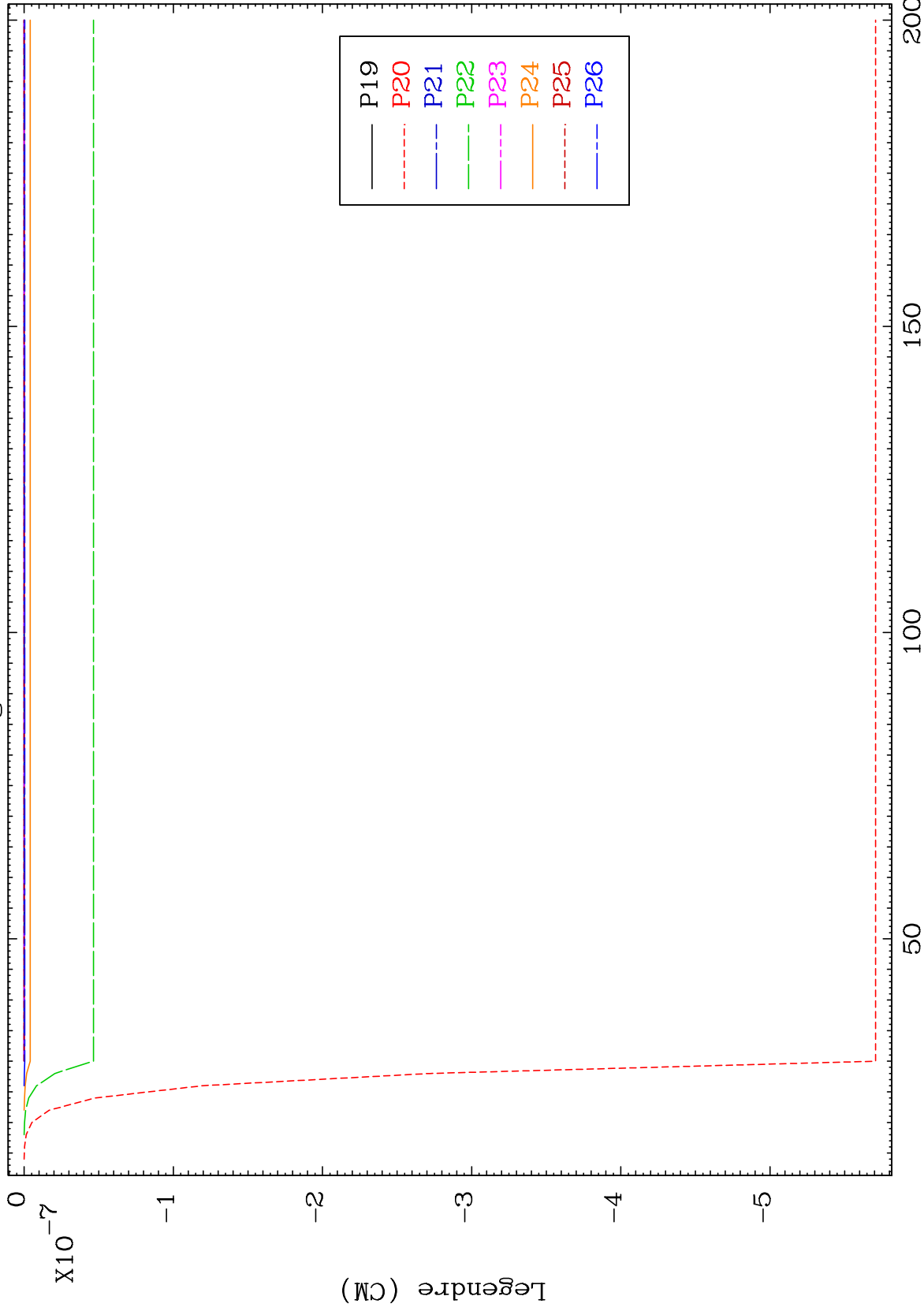
MAT 3128

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

31-Ga-70



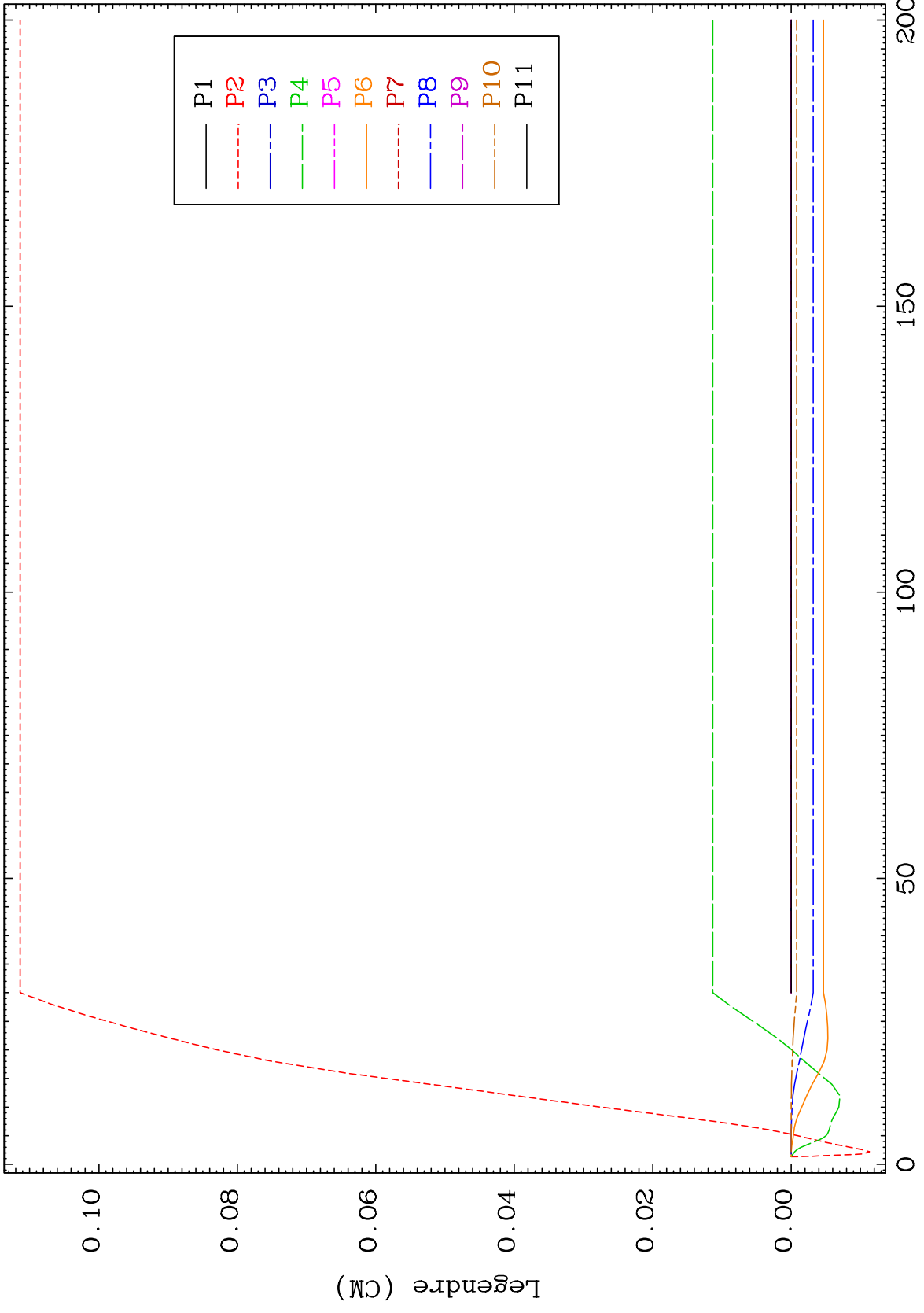
MAT 3128 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-70



MAT 3128

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

31-Ga-70



88

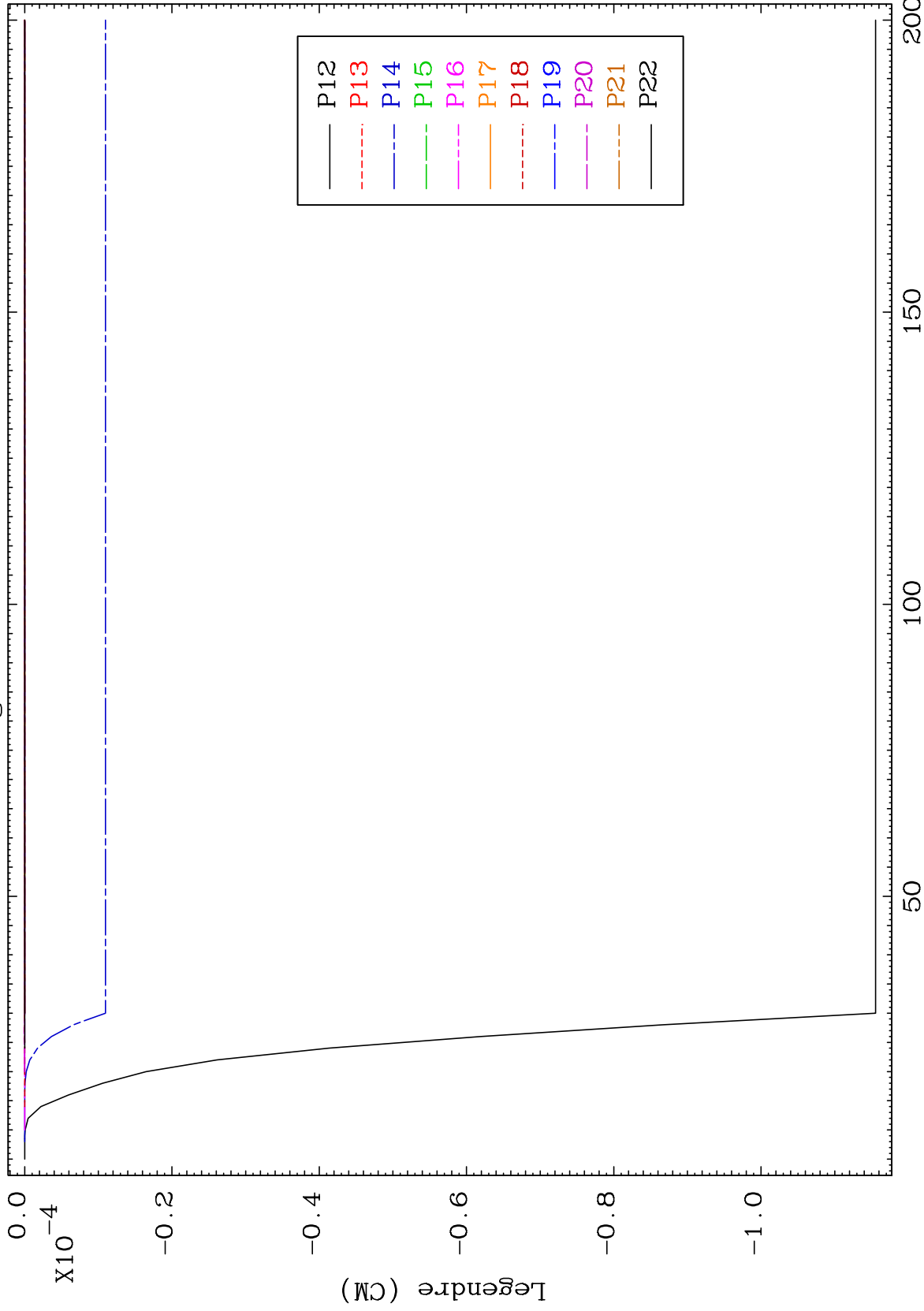
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



89

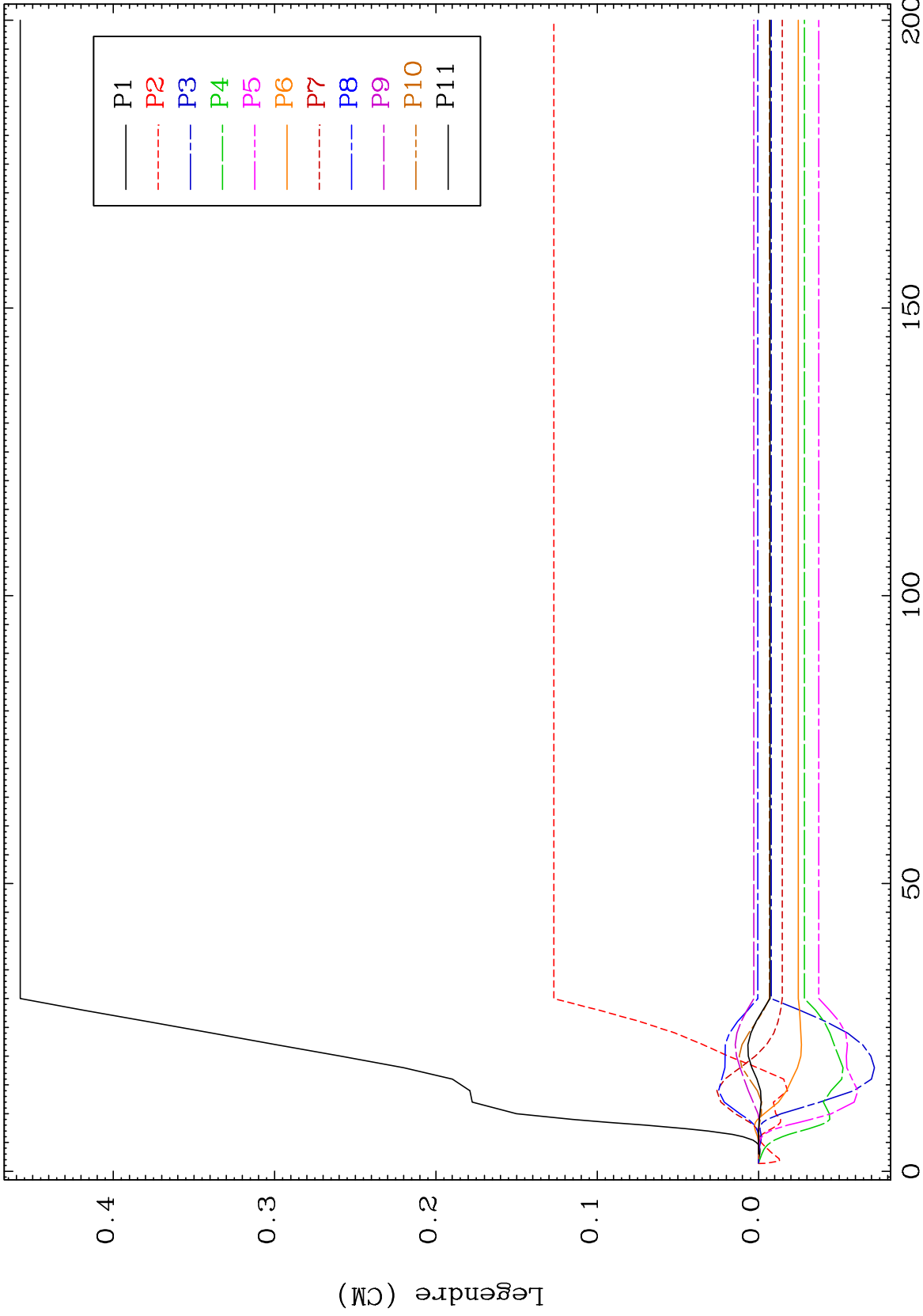
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



90

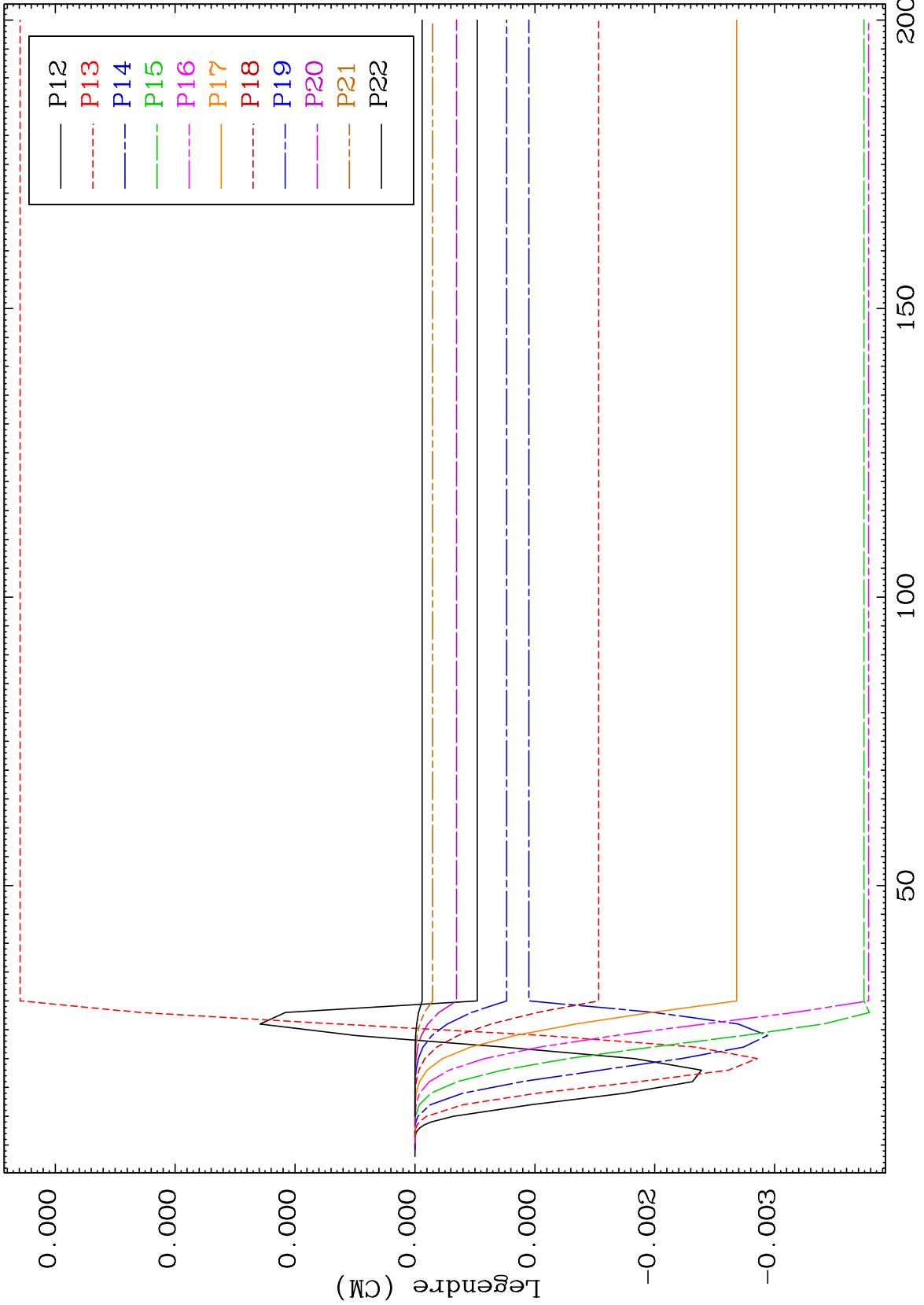
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

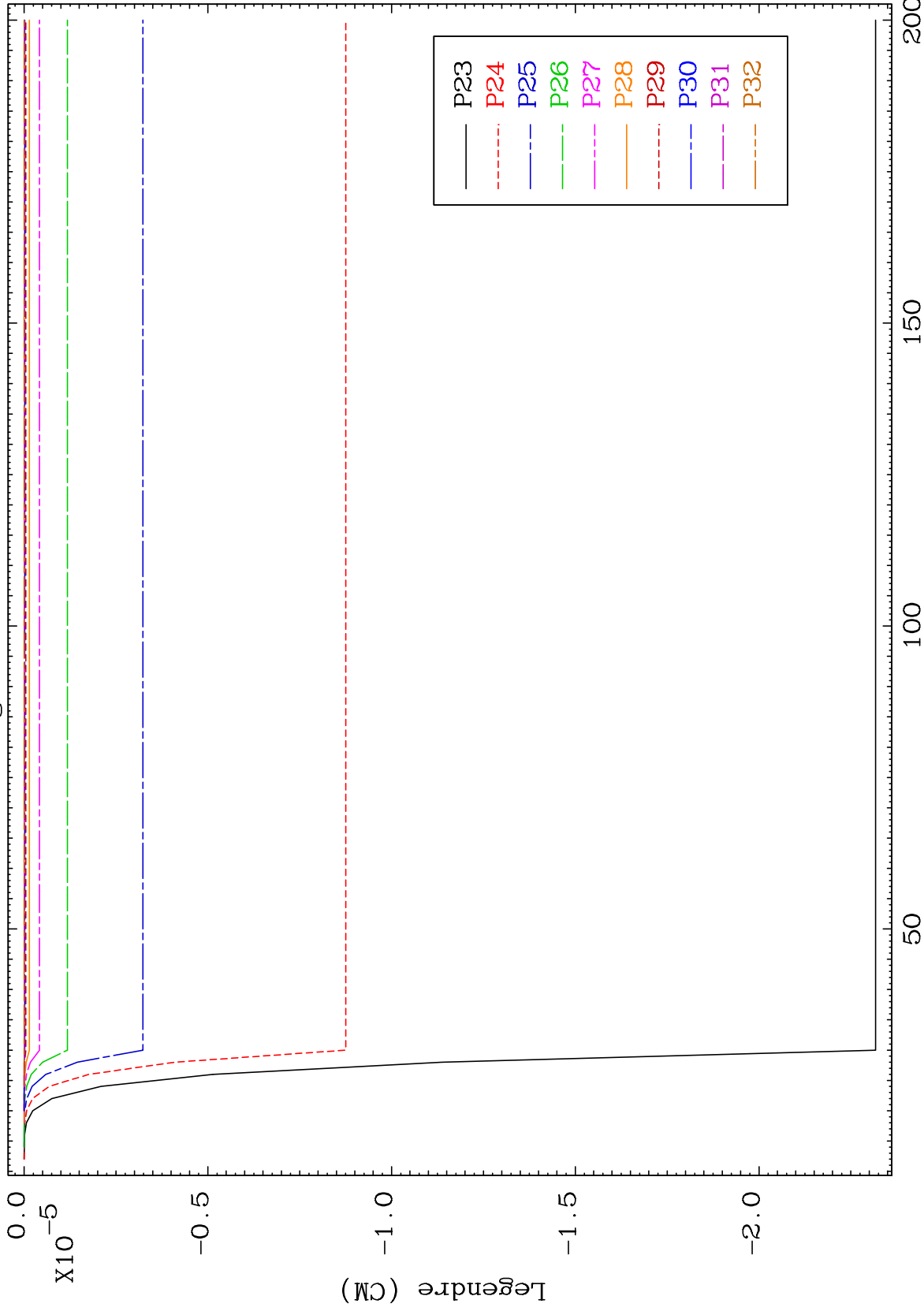
31-Ga-70



MAT 3128

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

31-Ga-70

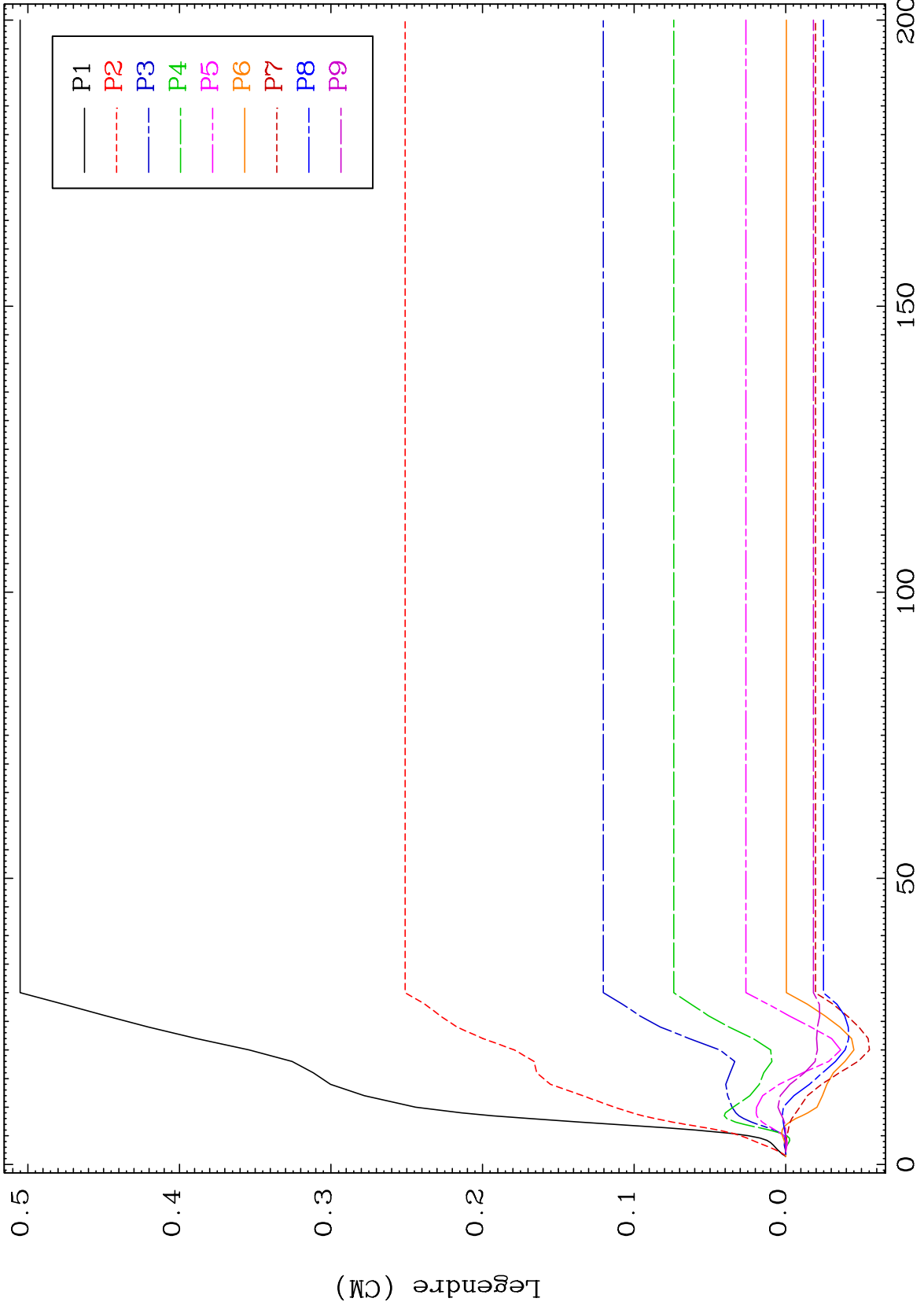


31-Ga-70

Incident Energy (MeV)

92

MAT 3128 MT= 76 (n,n') Level Legendre Coefficients 31-Ga-70

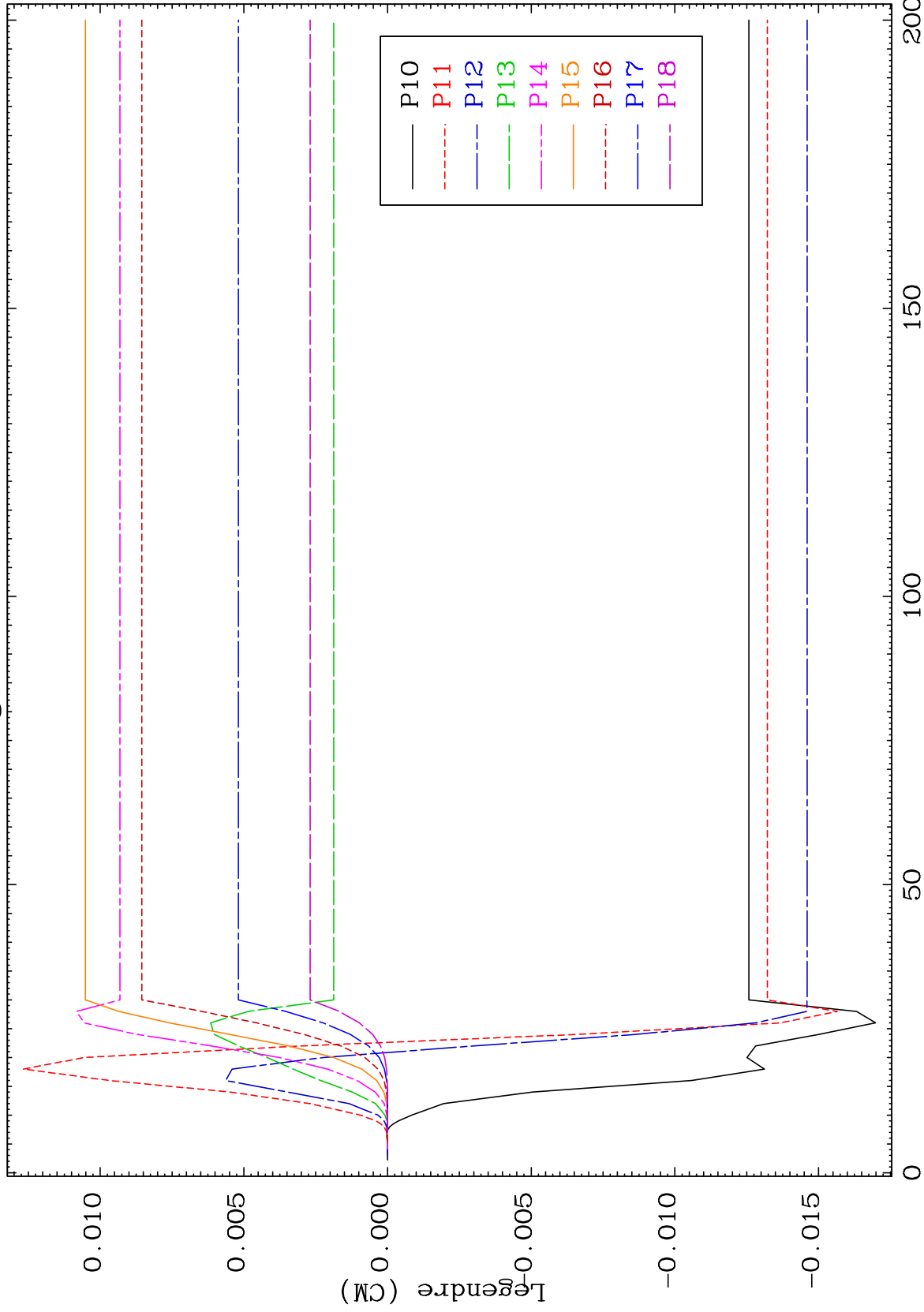


93 31-Ga-70

MAT 3128

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

31-Ga-70



94

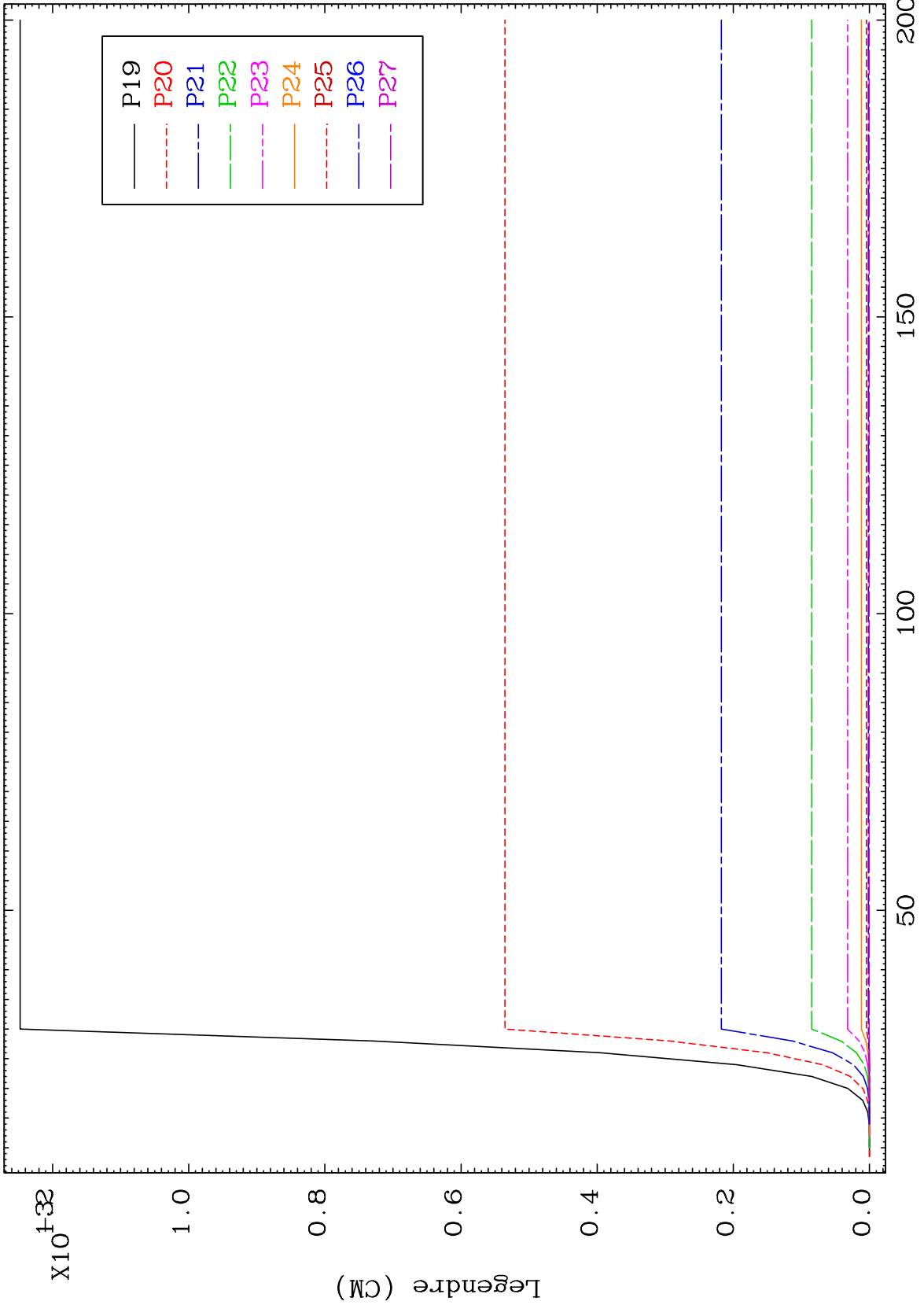
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



95

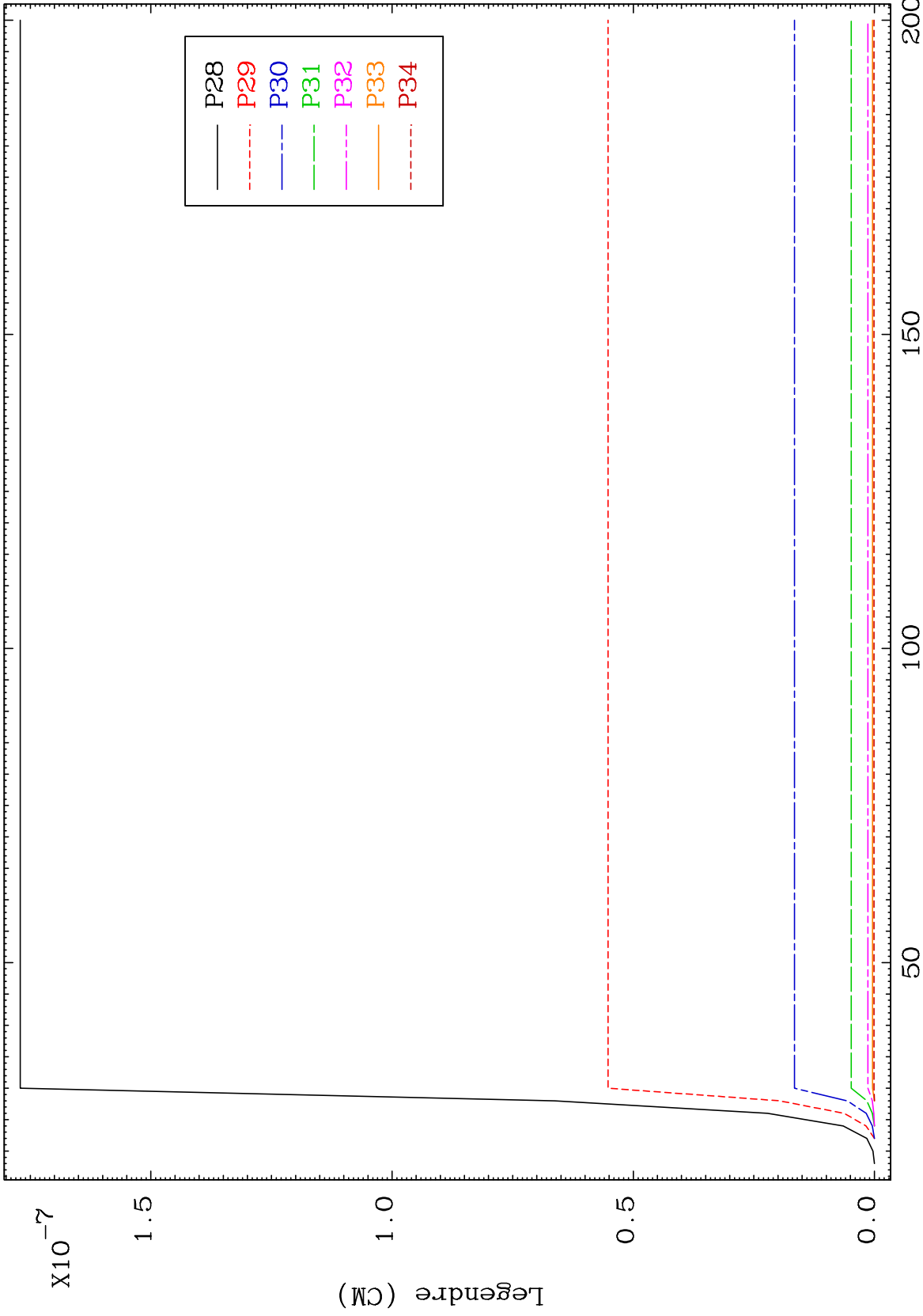
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



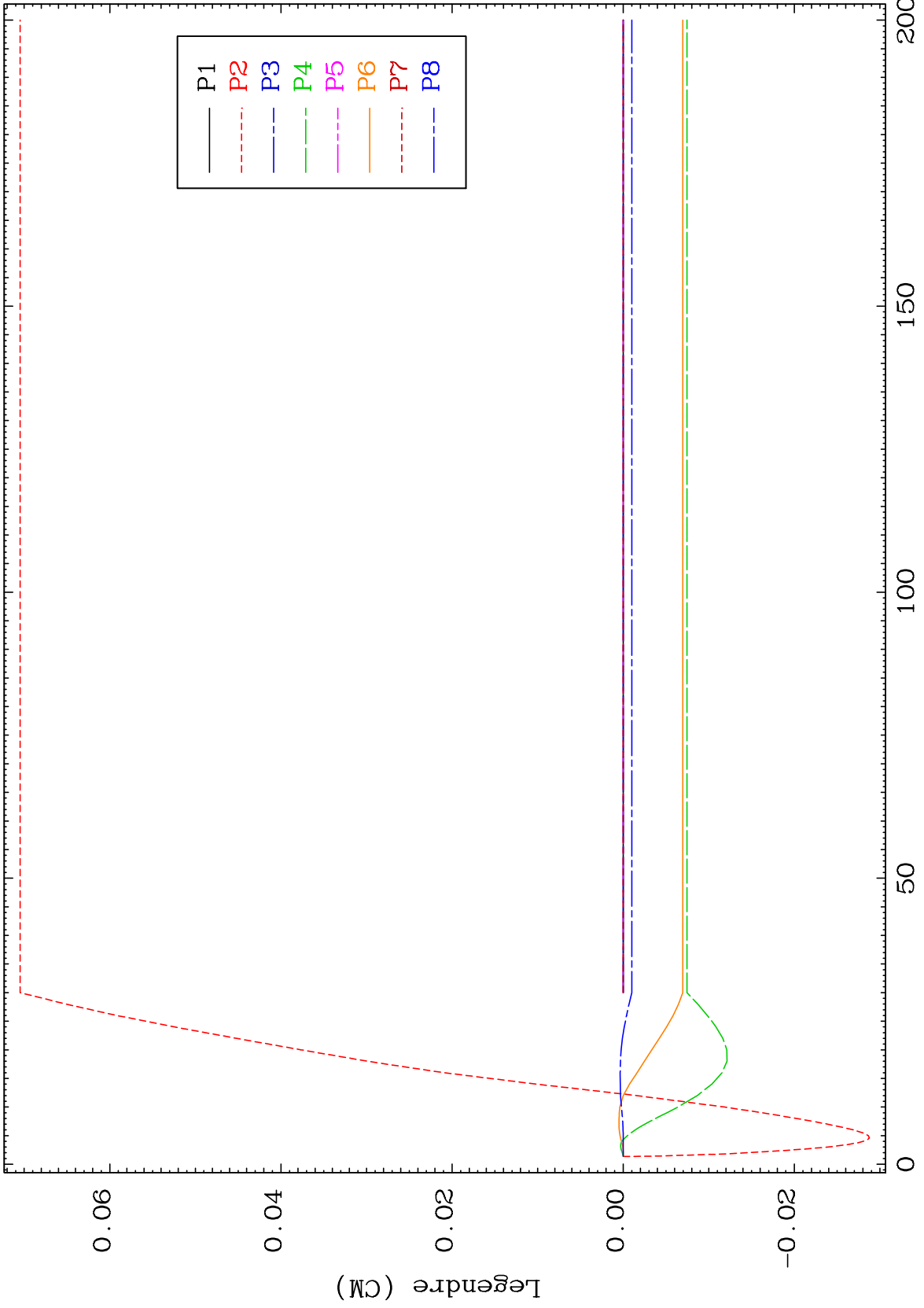
96

31-Ga-70

MAT 3128

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

31-Ga-70



97

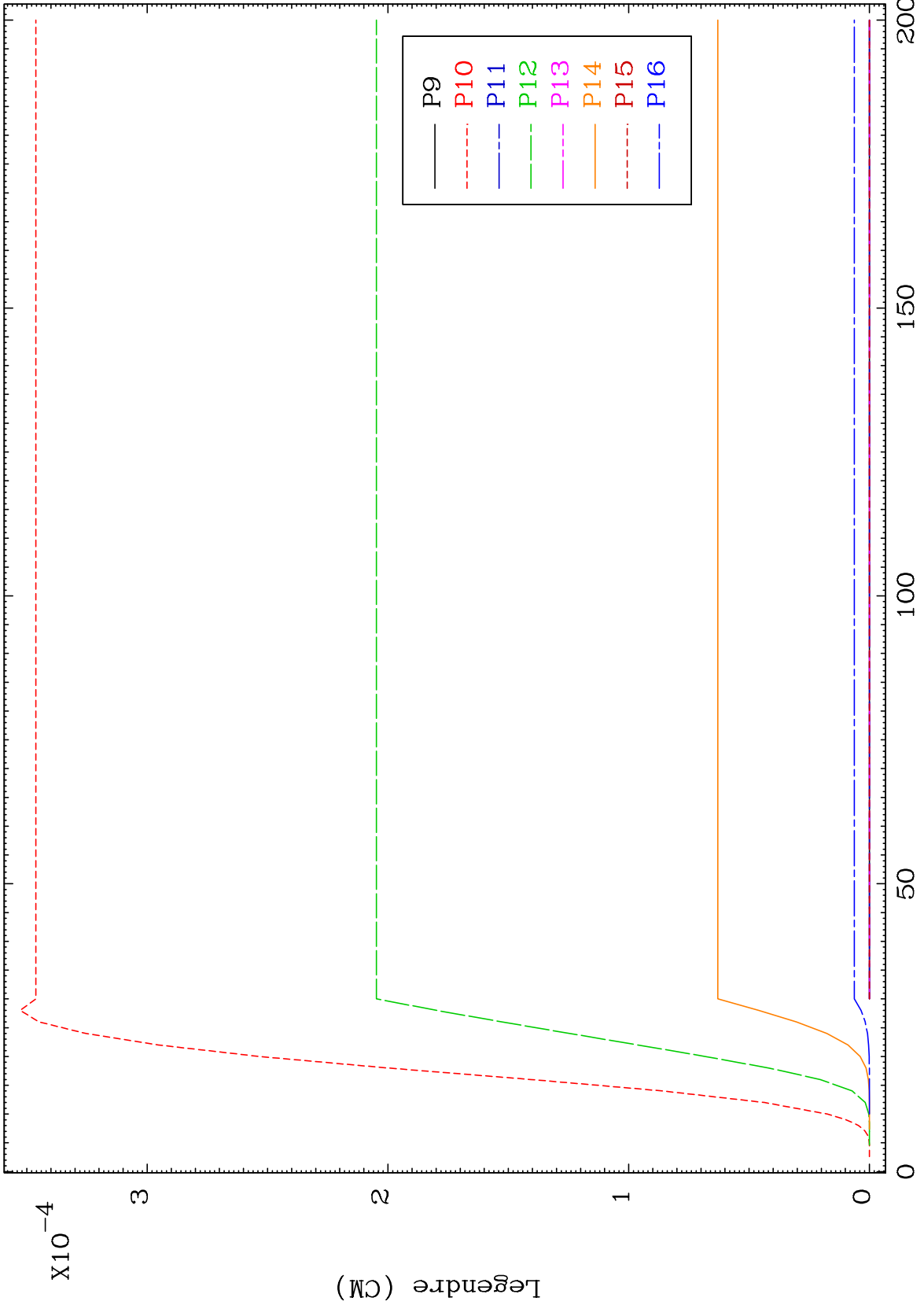
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



98

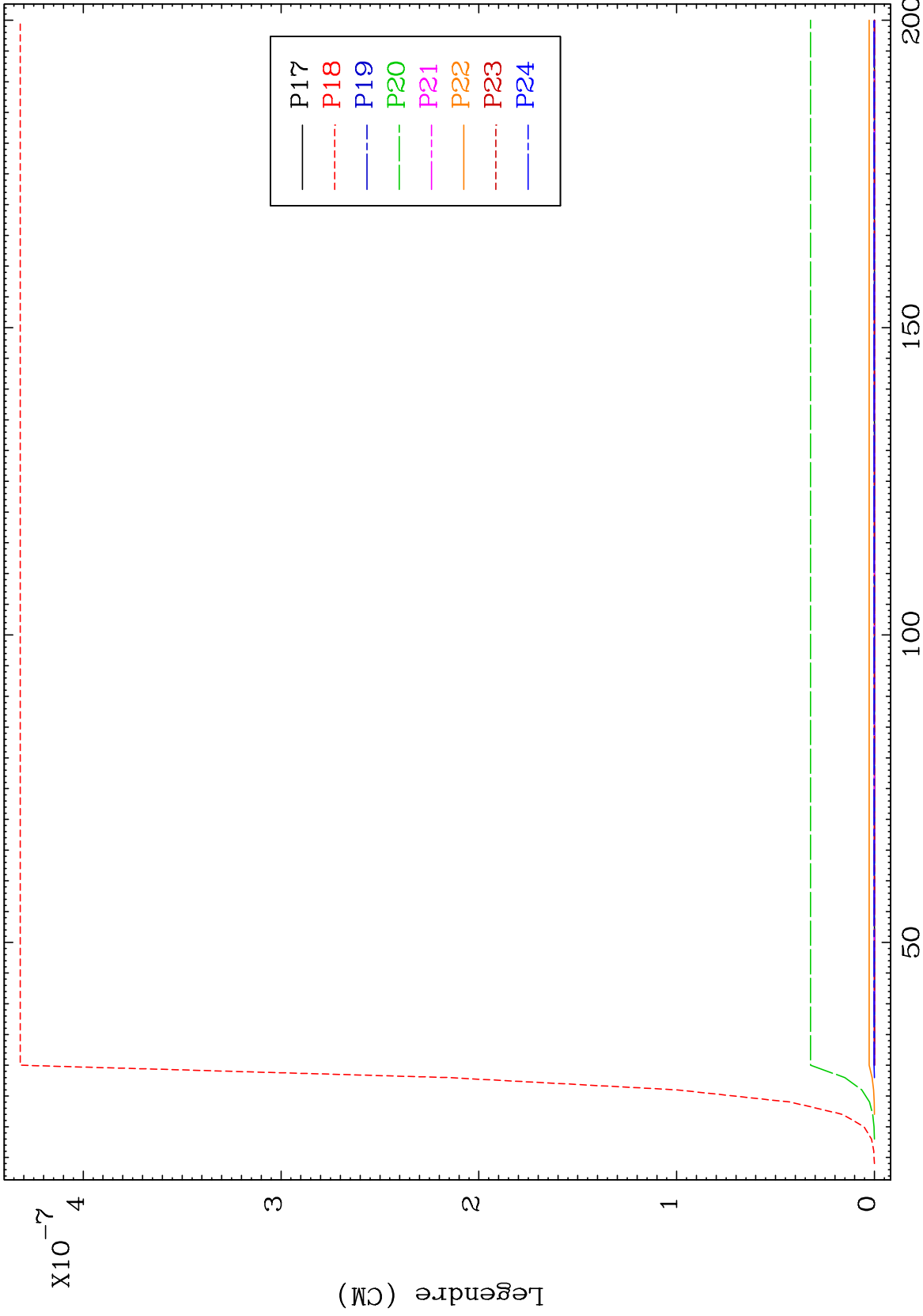
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



99

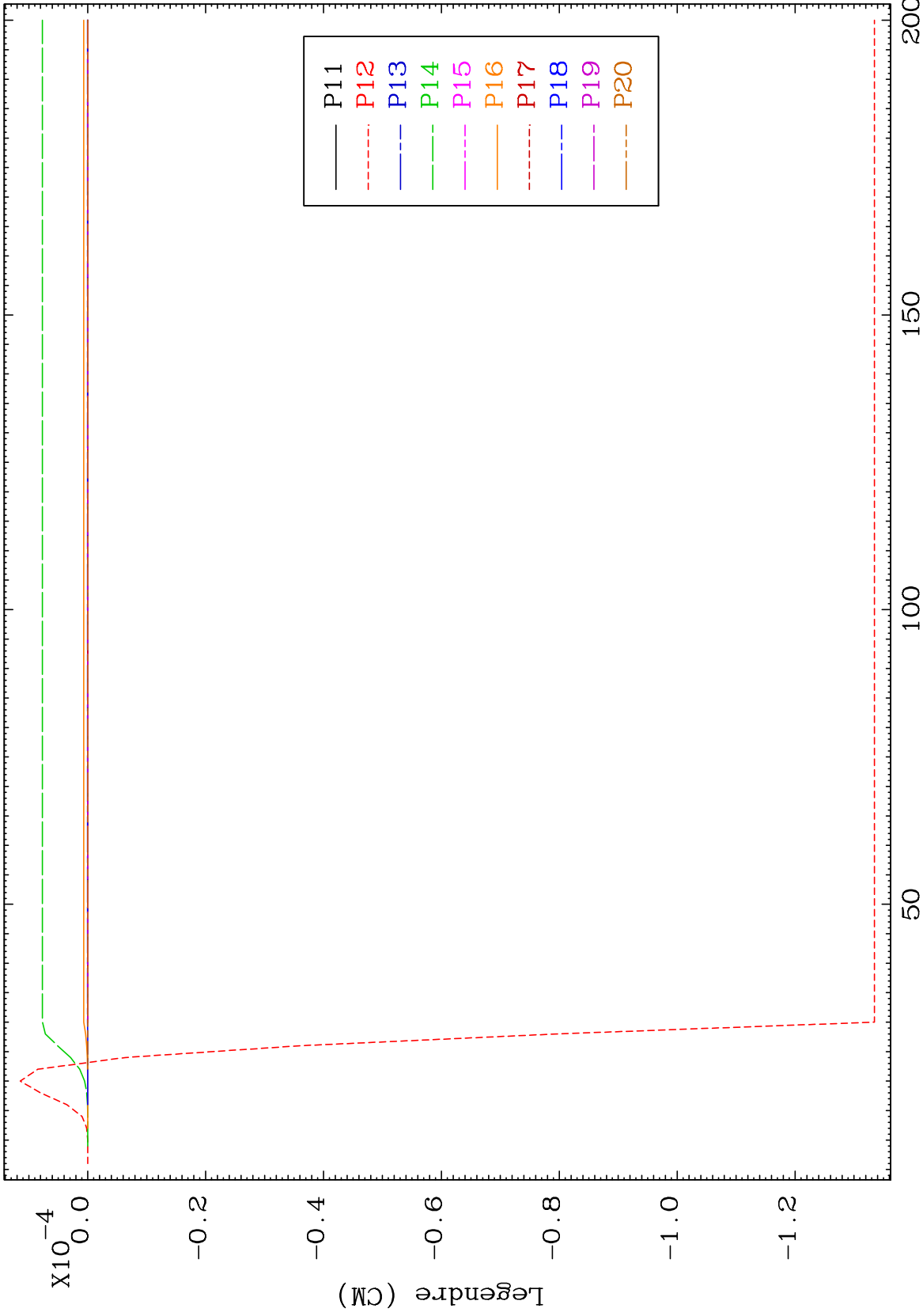
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



101

Incident Energy (MeV)

31-Ga-70

MAT 3128 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-70

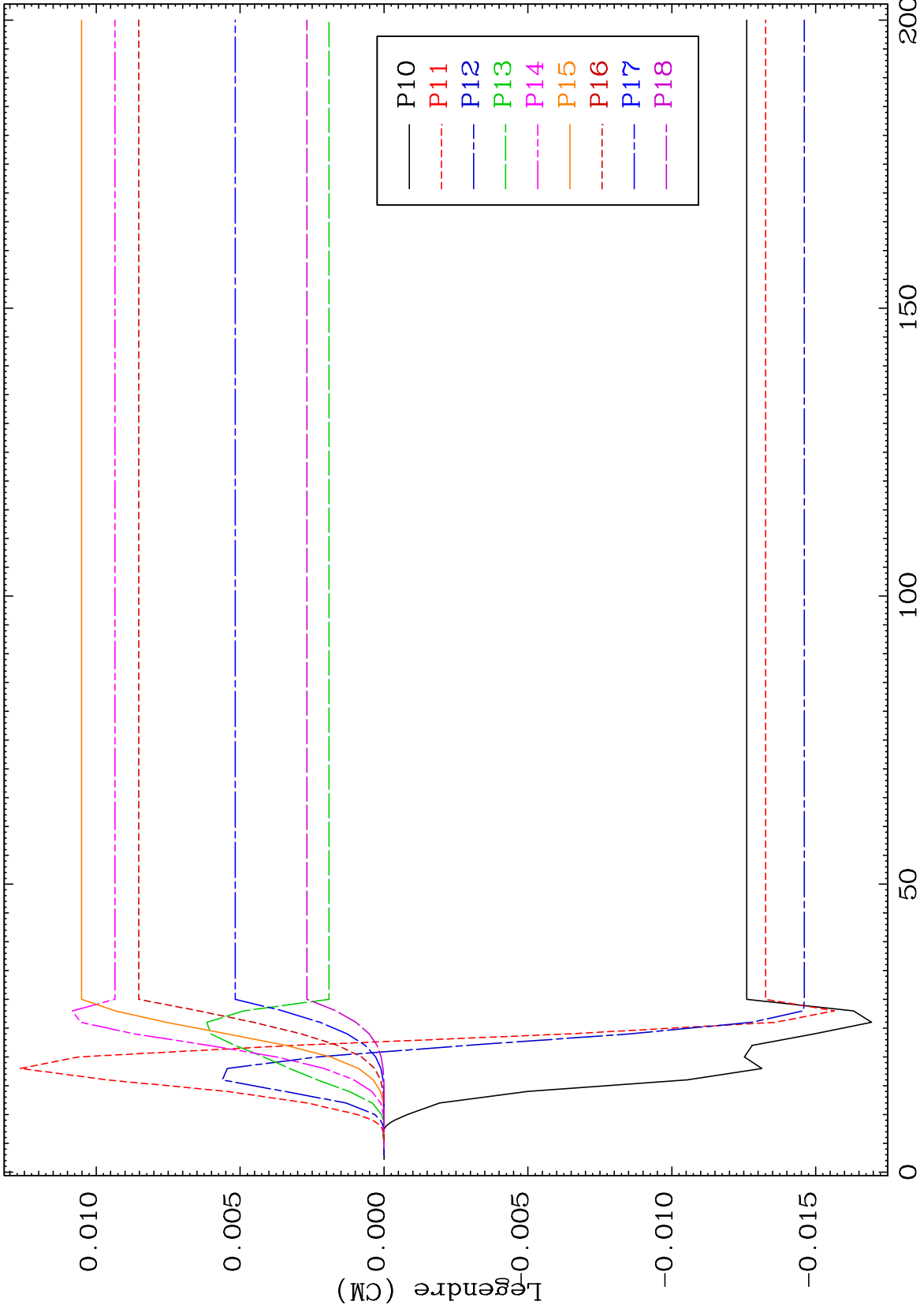


Incident Energy (MeV) 31-Ga-70

MAT 3128

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

31-Ga-70



103

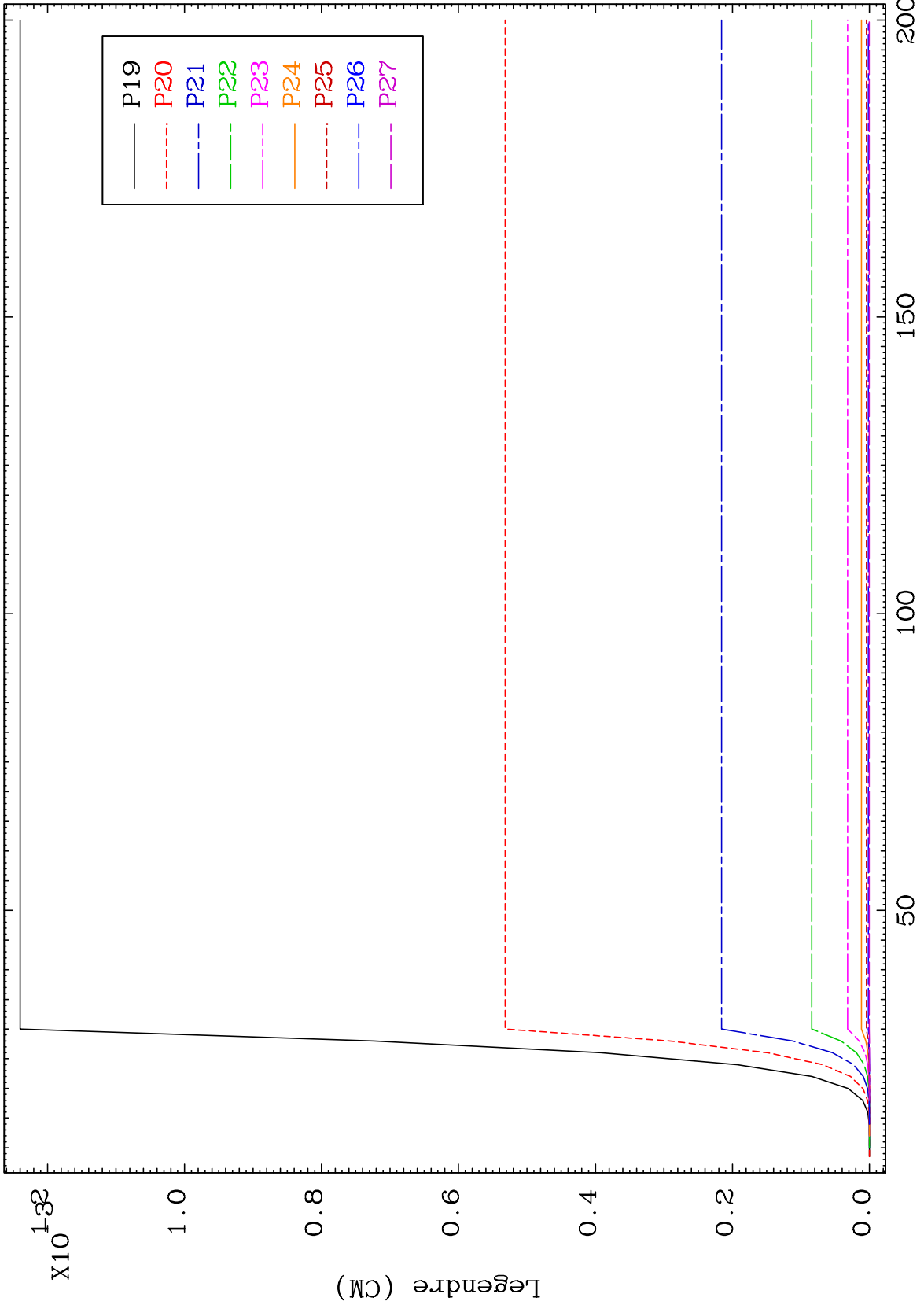
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

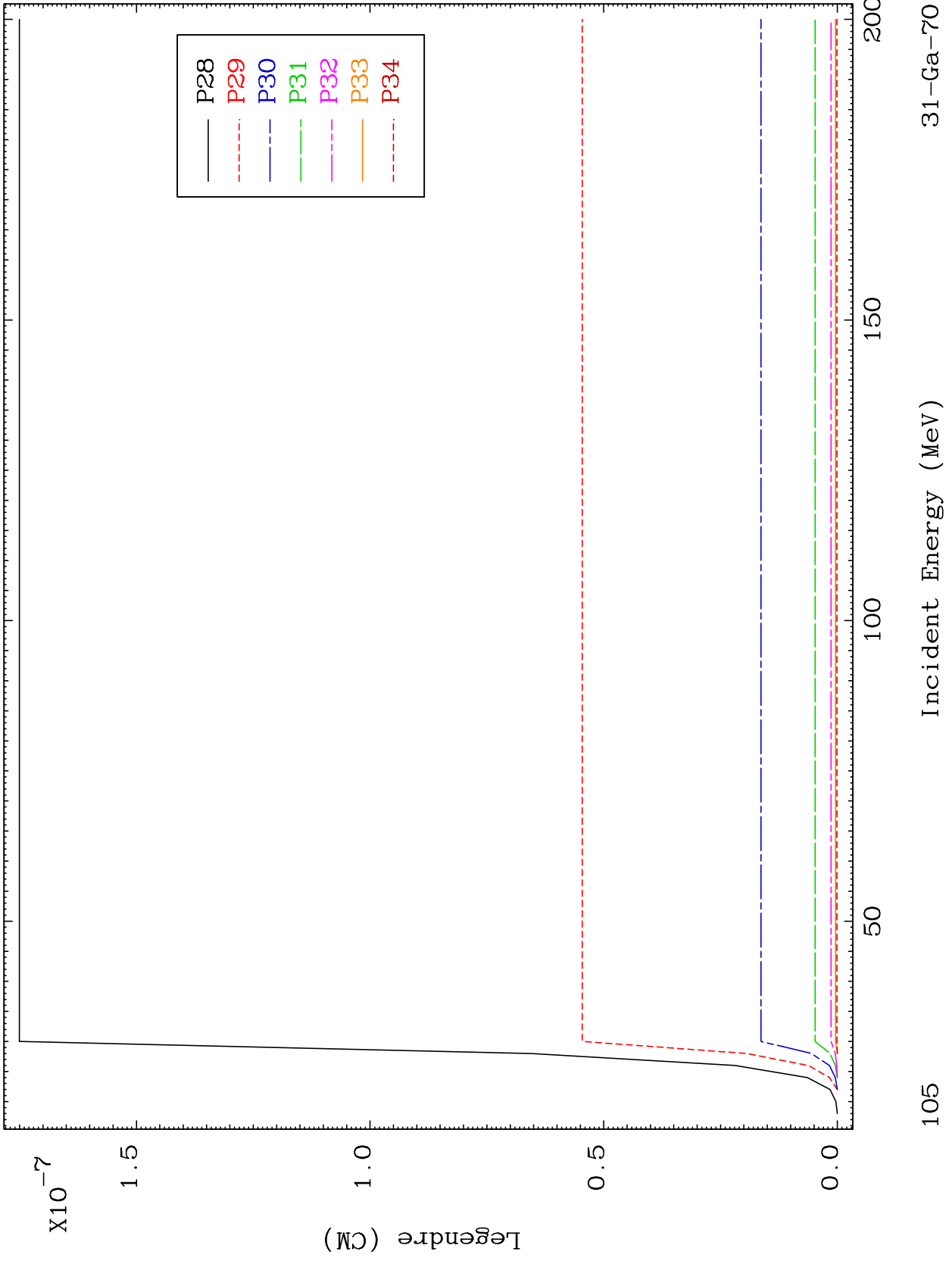
31-Ga-70



104

31-Ga-70

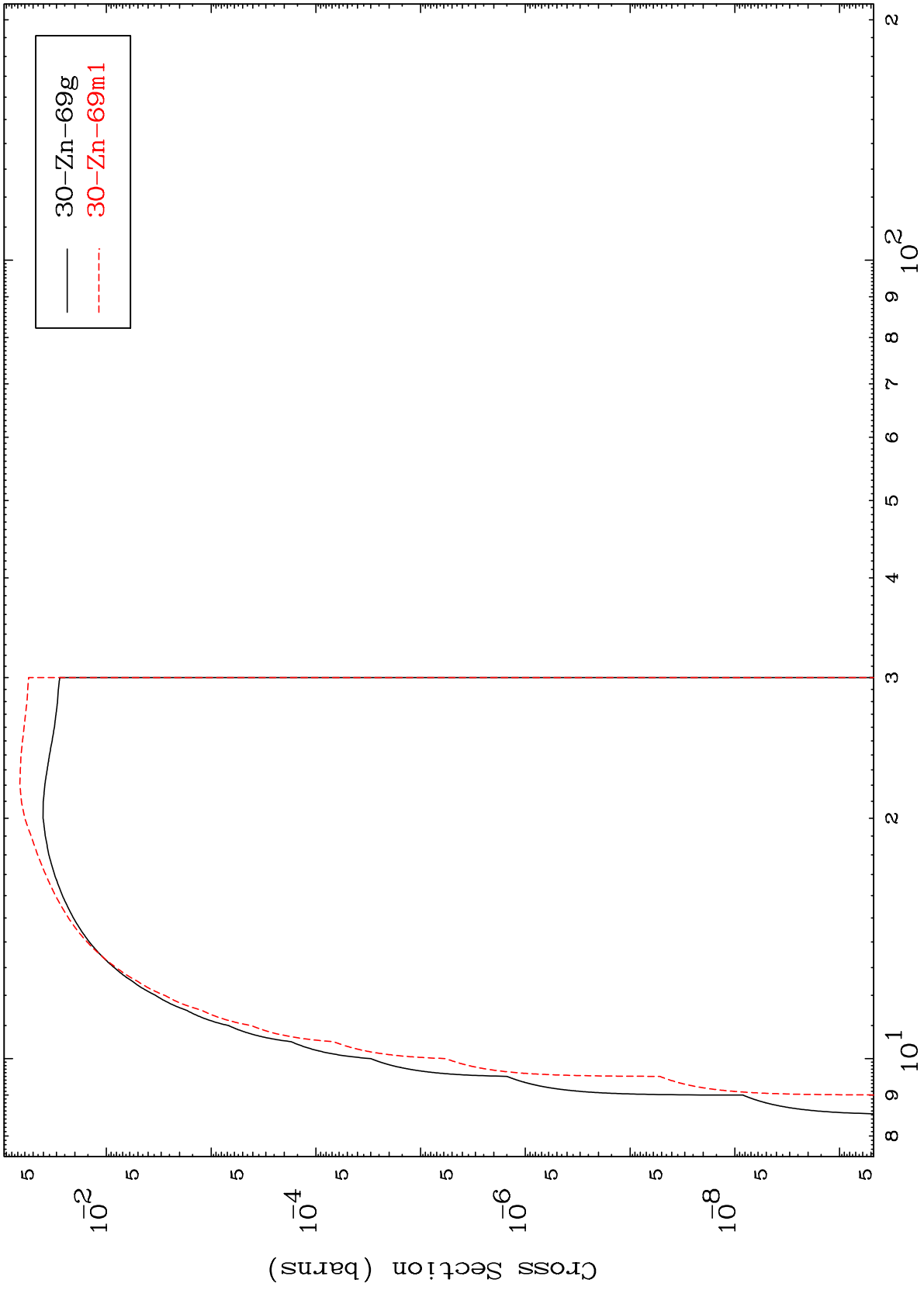
MAT 3128 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-70



MAT 3128

31-Ga-70

(n,n') p
Radionuclide Production Cross Section



31-Ga-70

Incident Energy (MeV)

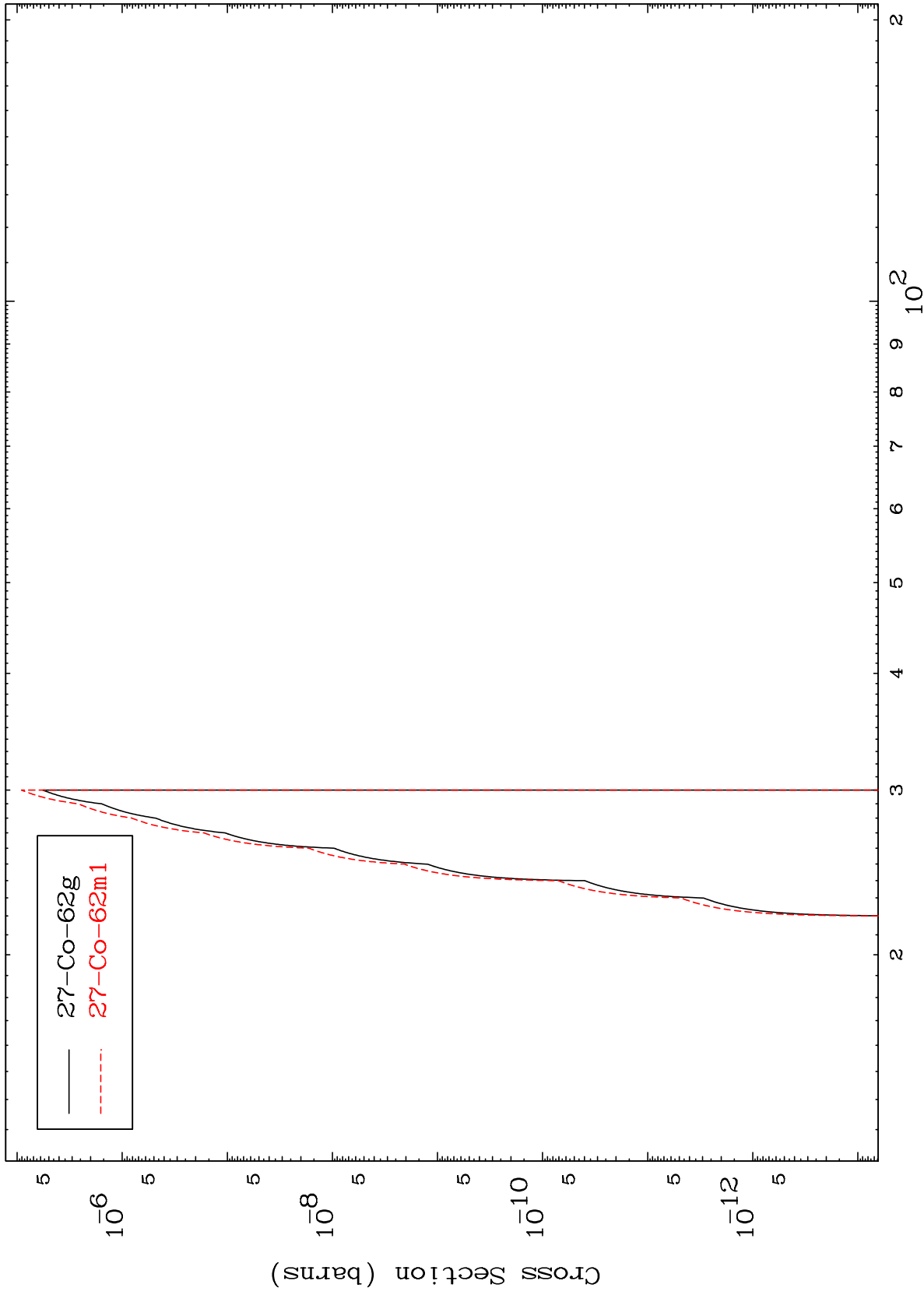
106

MAT 3128

(n,n') 2 α

31-Ga-70

Radionuclide Production Cross Section



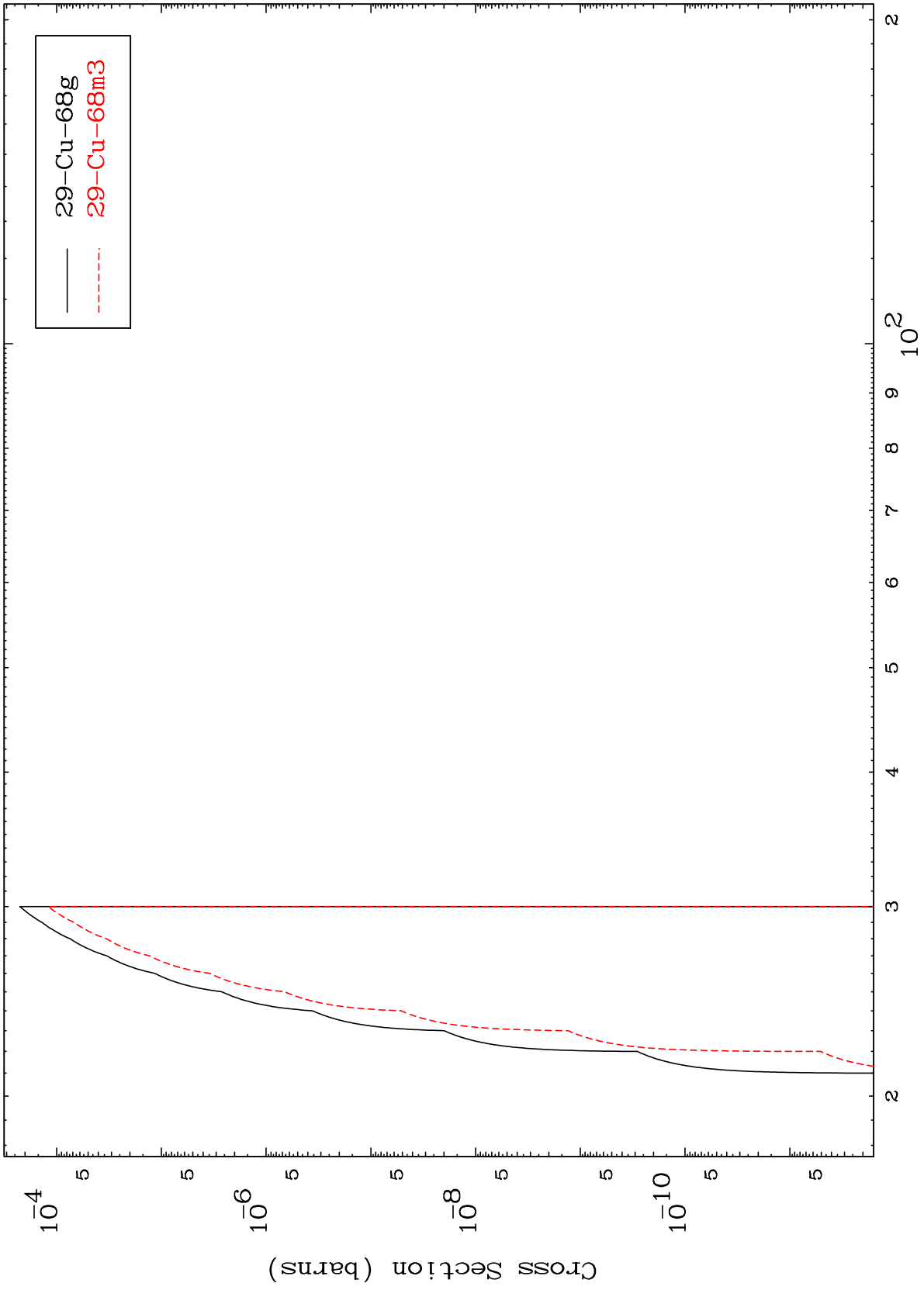
107

MAT 3128

(n,2n) p

31-Ga-70

Radionuclide Production Cross Section



108

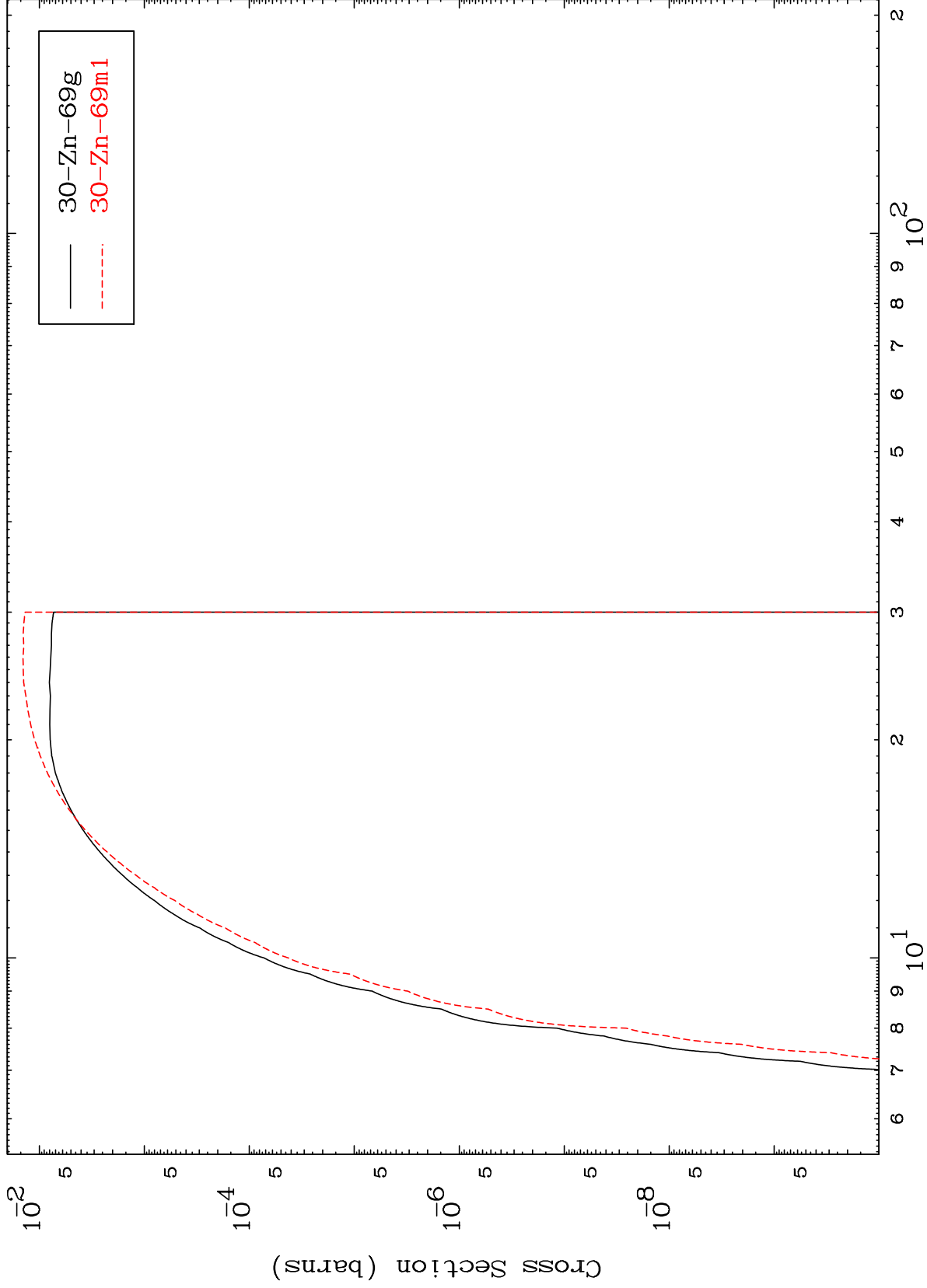
Incident Energy (MeV)

31-Ga-70

MAT 3128

31-Ga-70

(n,d)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

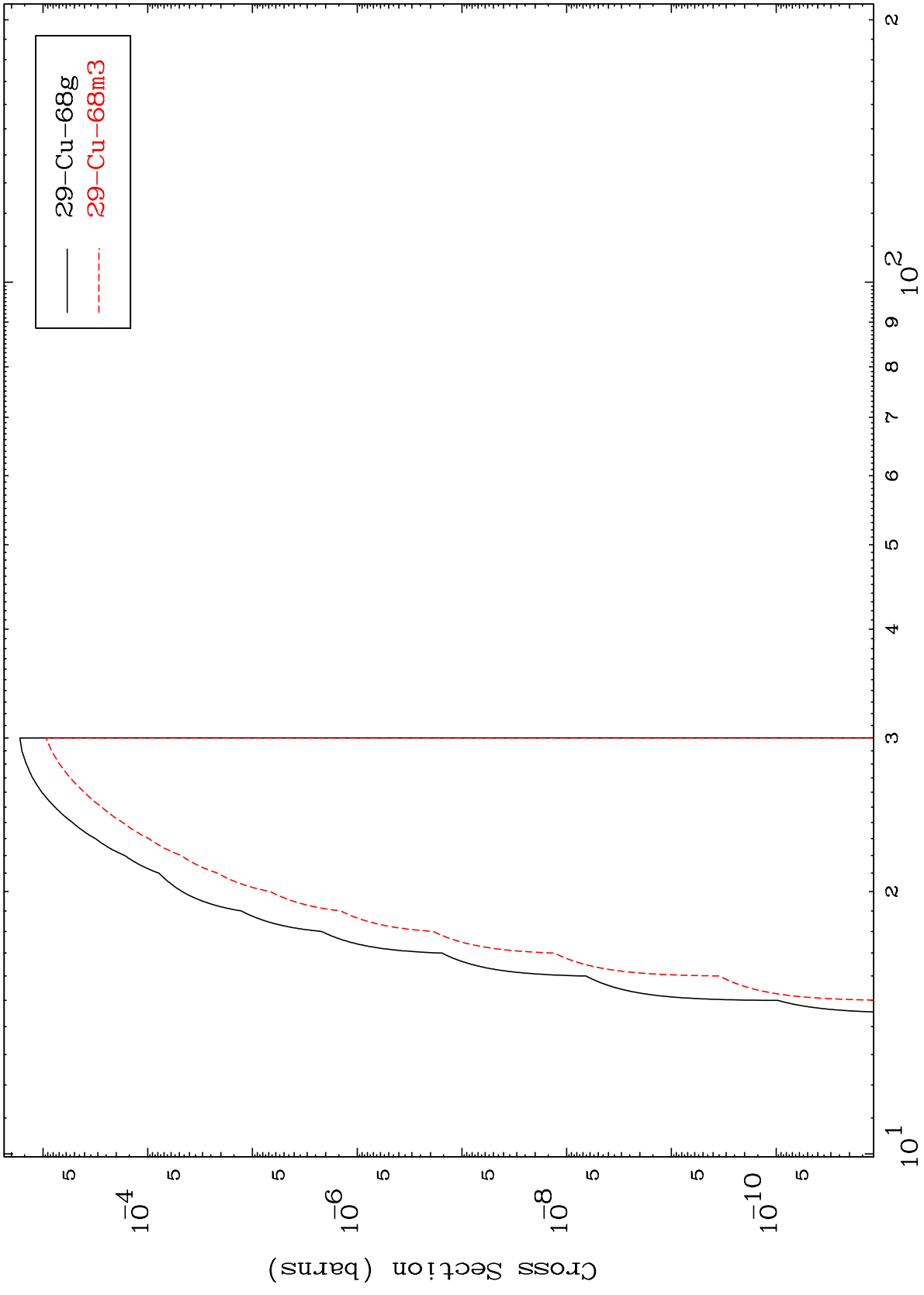
31-Ga-70

MAT 3128

(n, He-3)

31-Ga-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

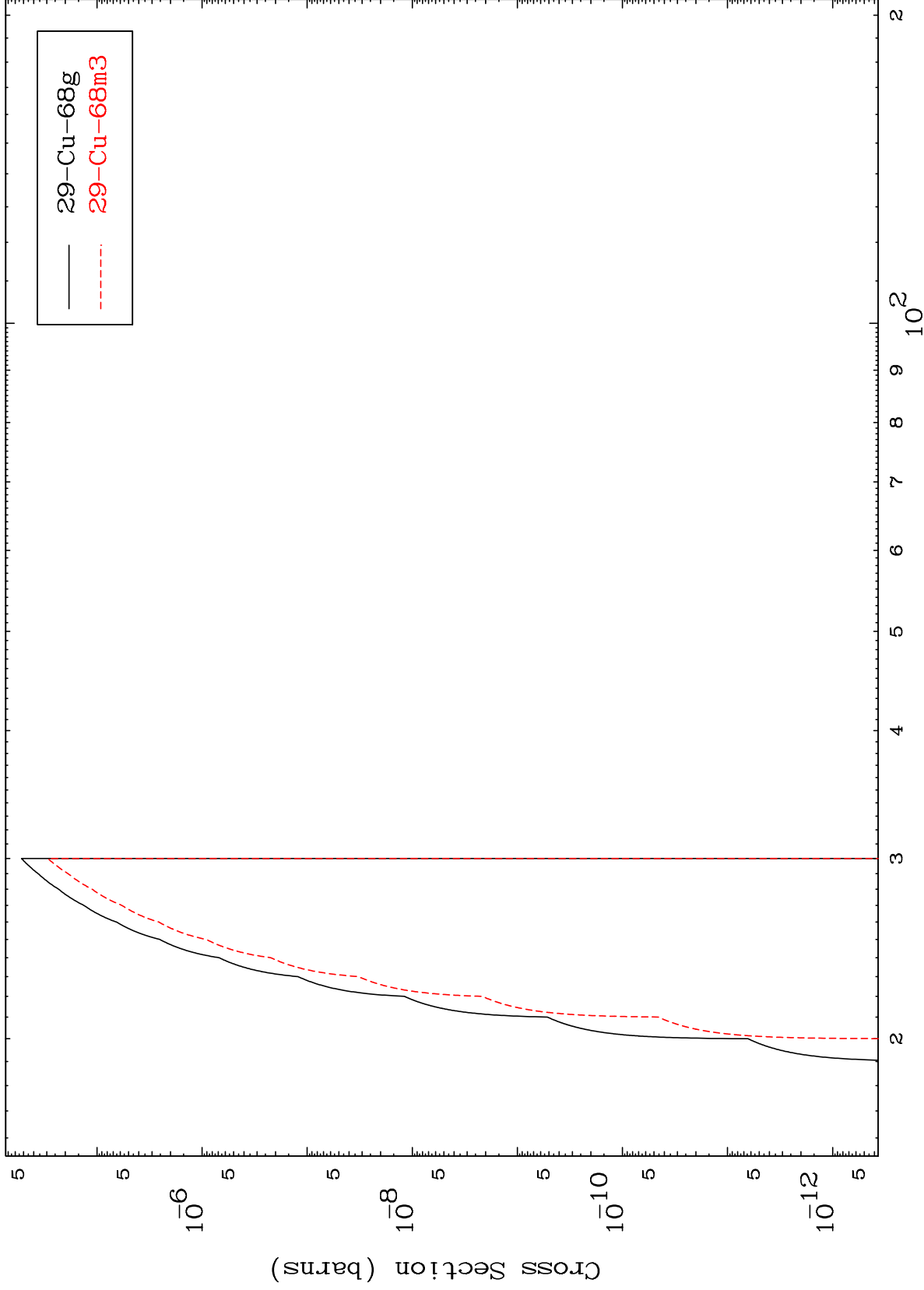
31-Ga-70

MAT 3128

(n,p) d

31-Ga-70

Radionuclide Production Cross Section



111

Incident Energy (MeV)

31-Ga-70