

Program EVALPLOT  
(Version 2018-1)

by

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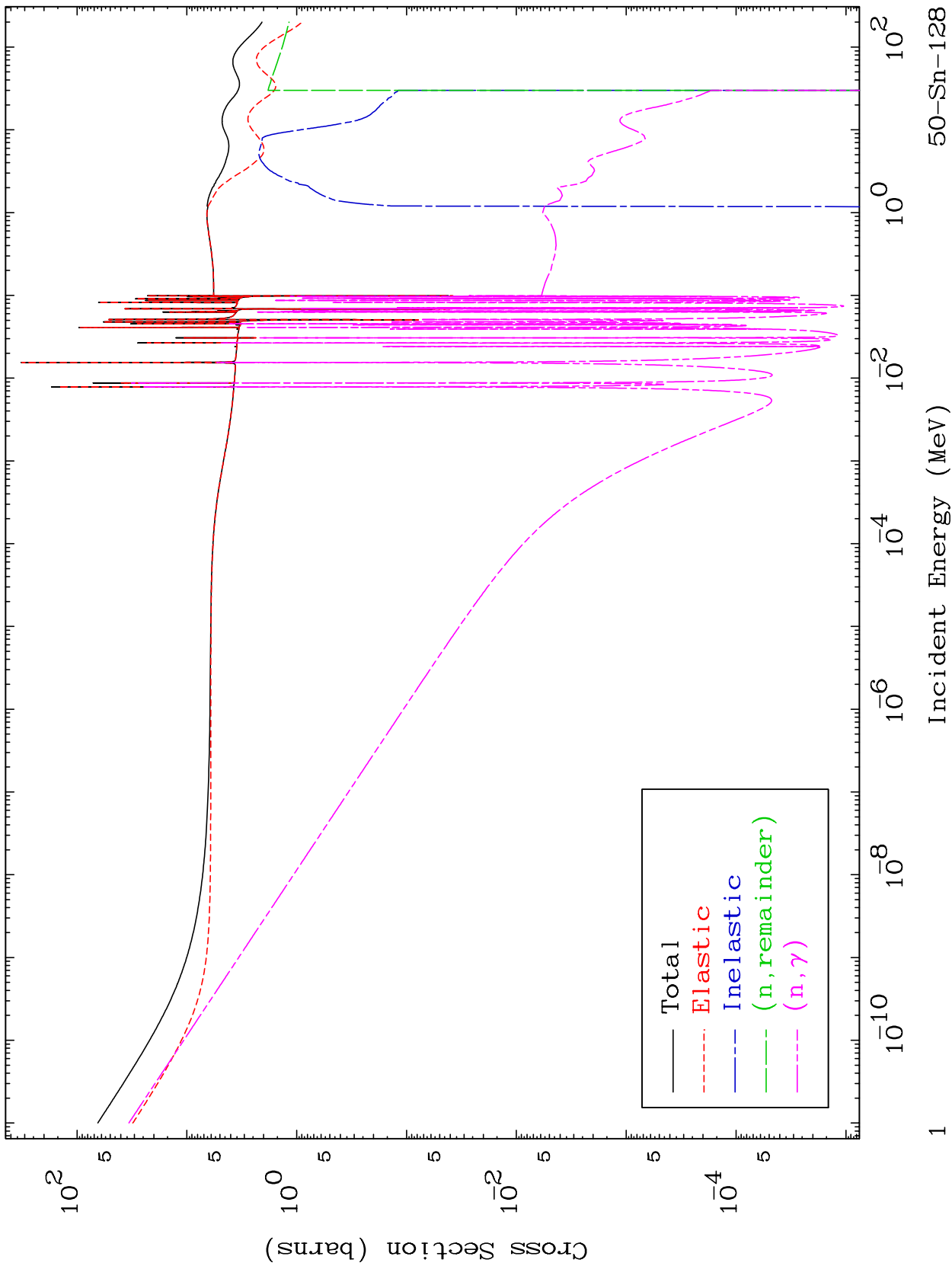
Press Mouse Button to Start

MAT 5073

Major

293 Kelvin Cross Sections

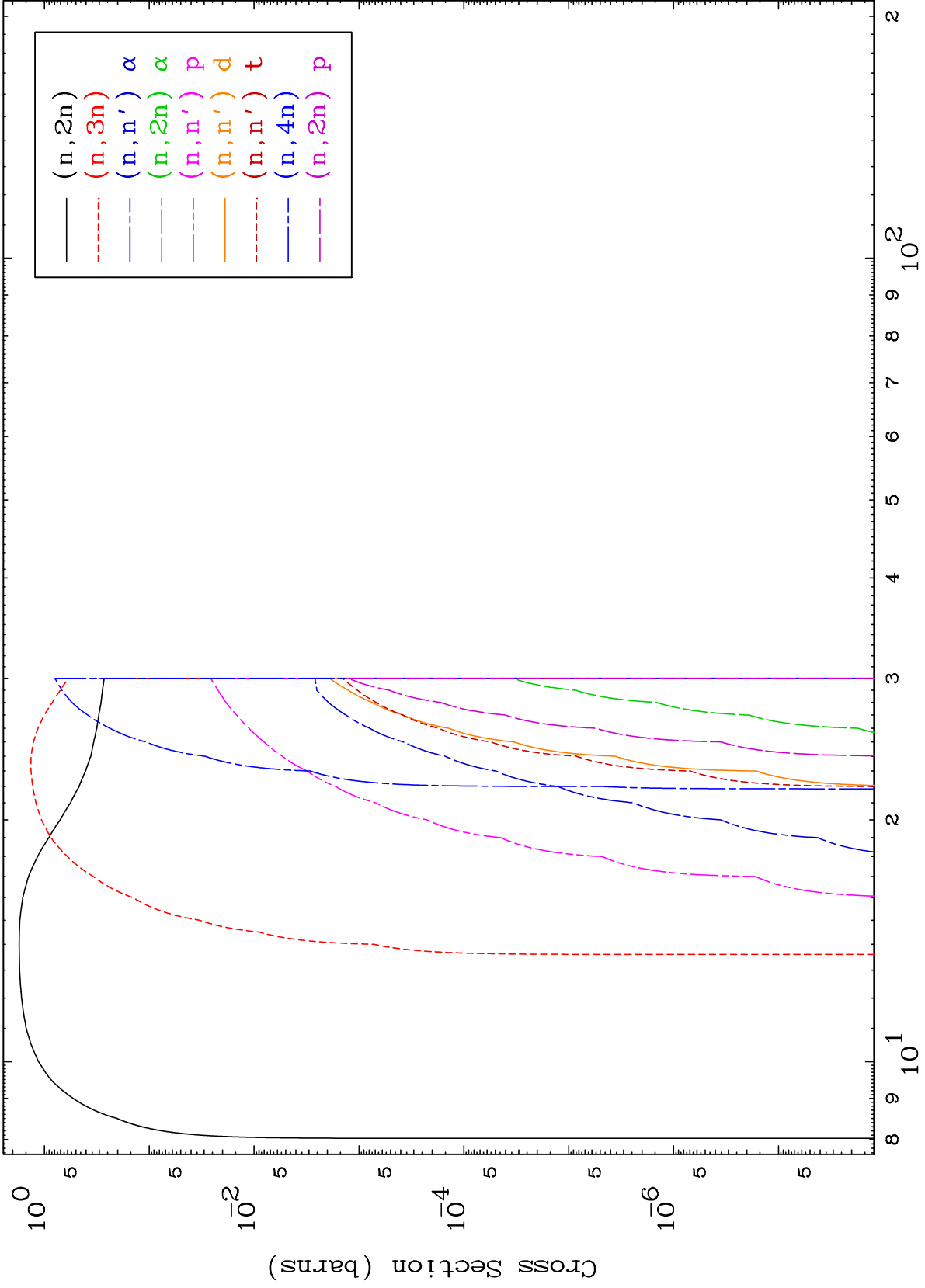
50-Sn-128



MAT 5073

Neutron Production  
293 Kelvin Cross Sections

50-Sn-128



2

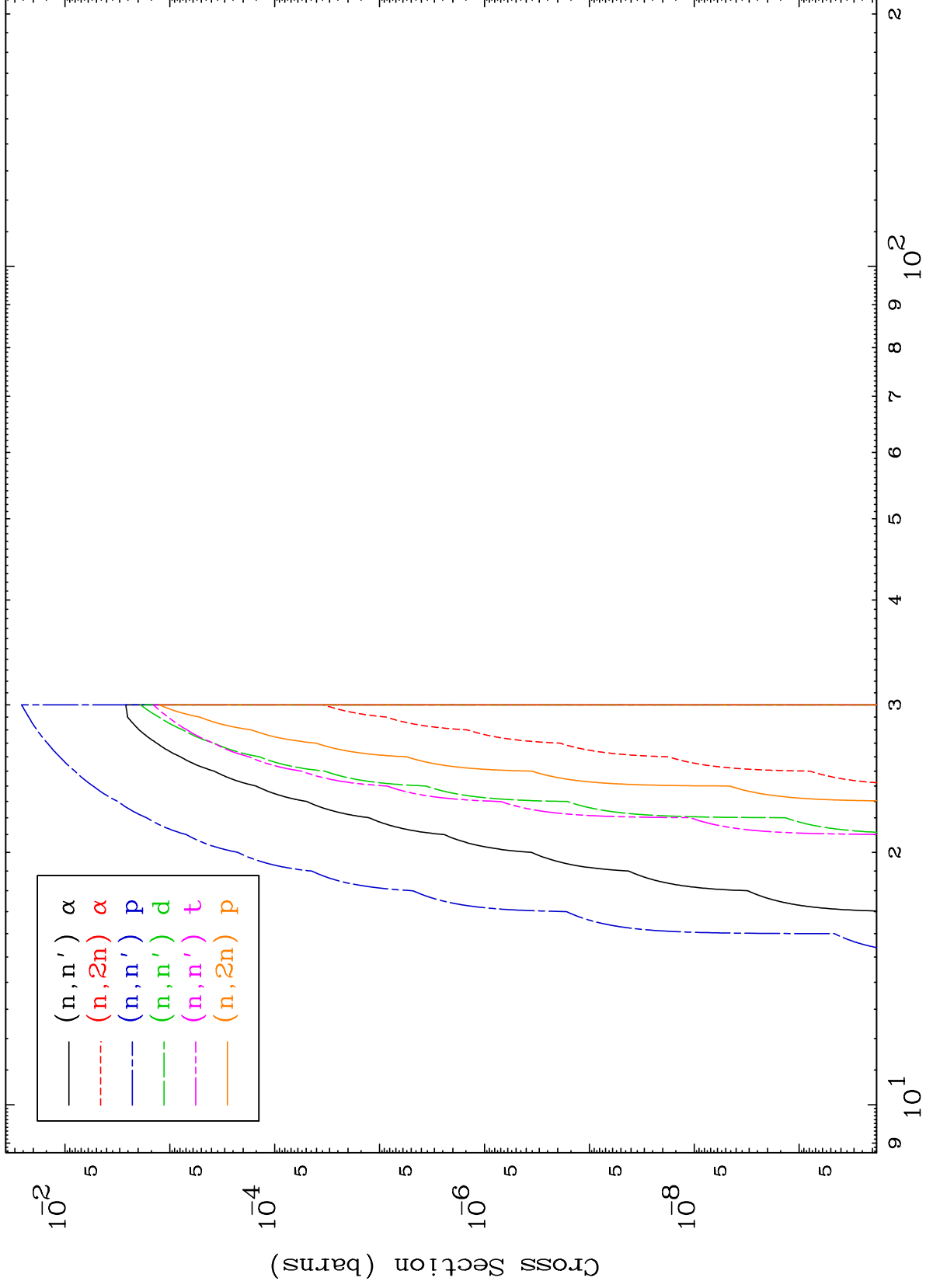
Incident Energy (MeV)

50-Sn-128

MAT 5073

Charged Particle  
293 Kelvin Cross Sections

50-Sn-128



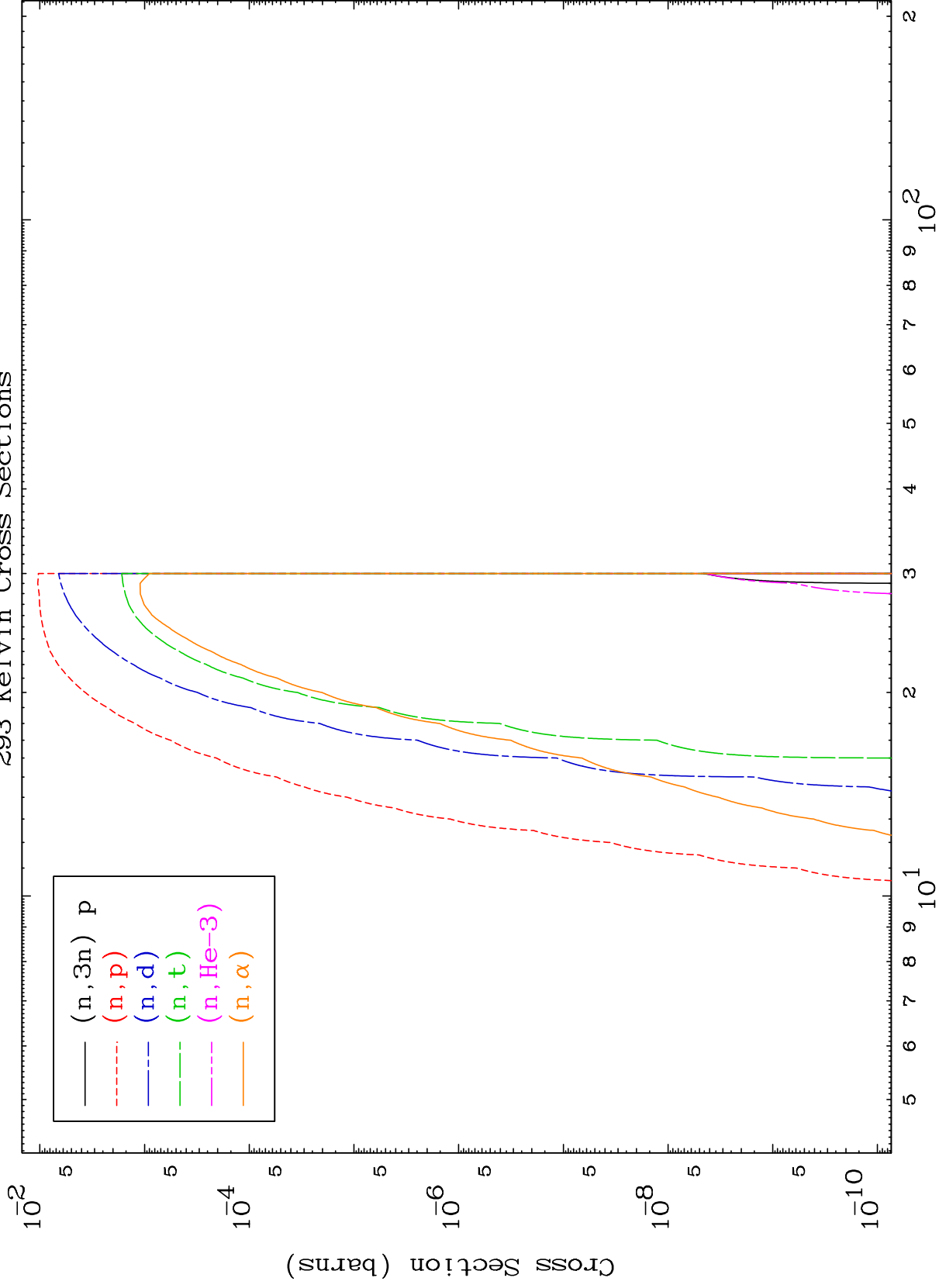
Incident Energy (MeV)

50-Sn-128

MAT 5073

Charged Particle  
293 Kelvin Cross Sections

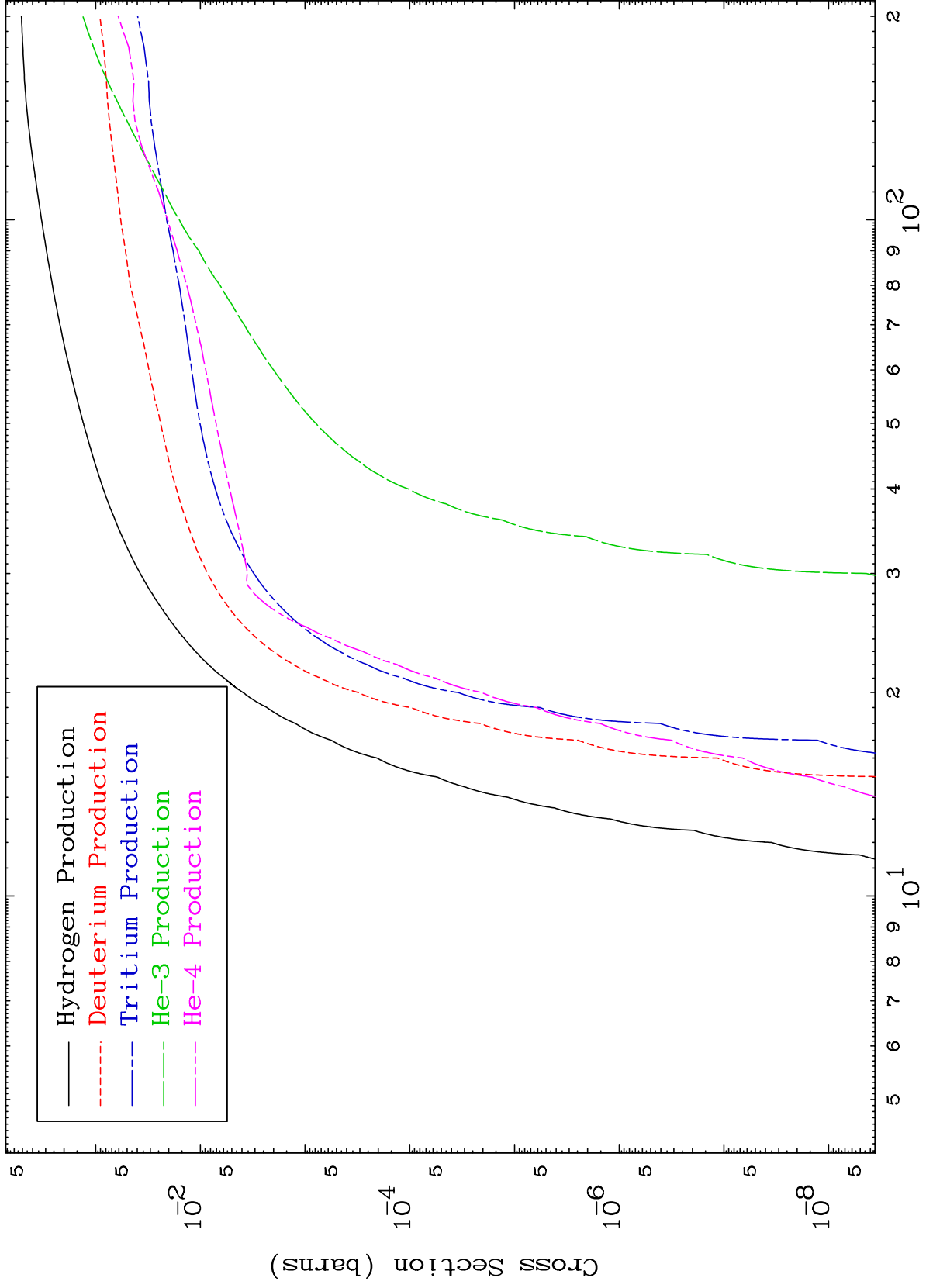
50-Sn-128



MAT 5073

Particle Production  
293 Kelvin Cross Sections

50-Sn-128



5

Incident Energy (MeV)

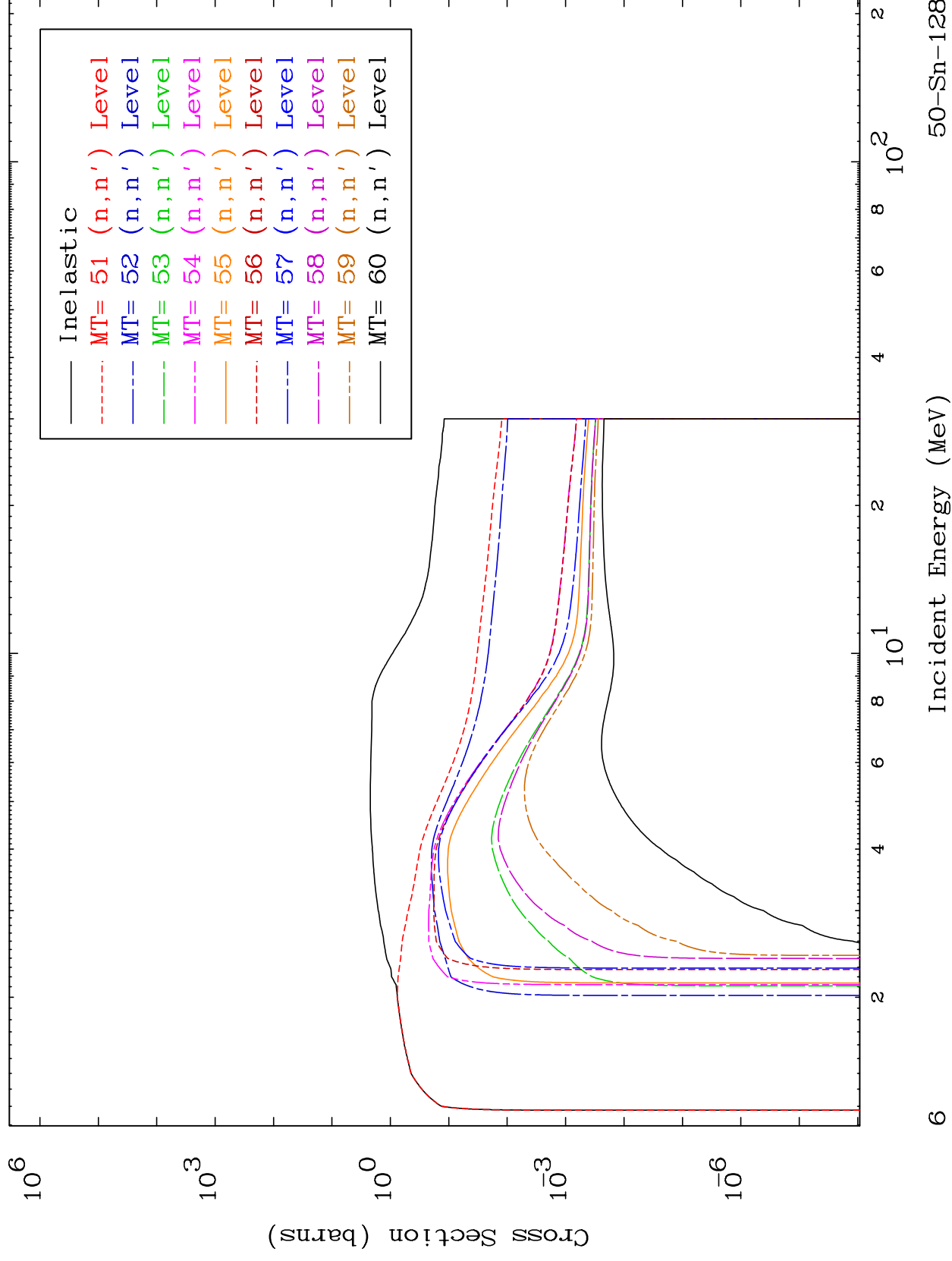
50-Sn-128

MAT 5073

(n,n') Level

50-Sn-128

293 Kelvin Cross Sections



6

Incident Energy (MeV)

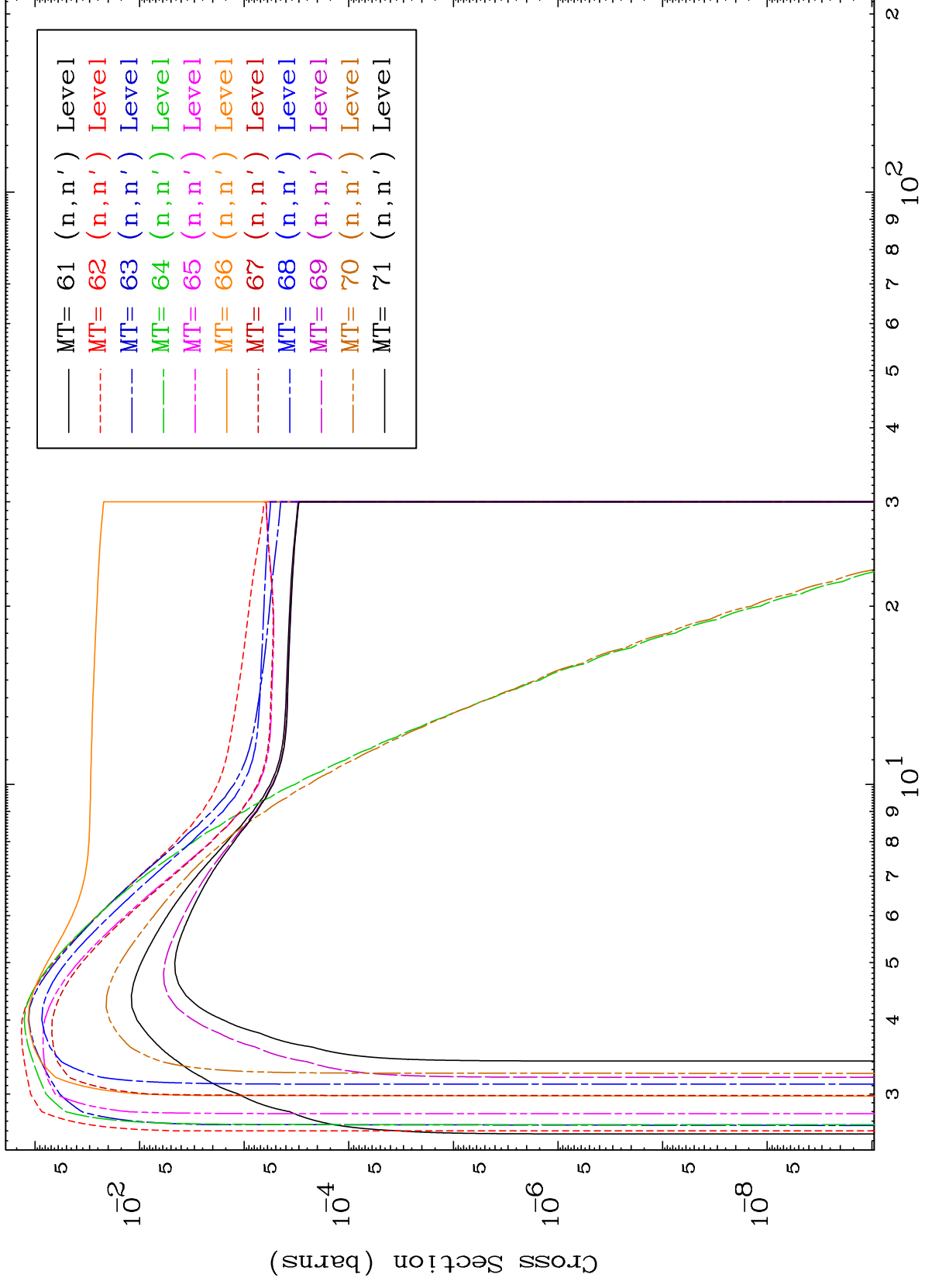
50-Sn-128

MAT 5073

(n,n') Level

50-Sn-128

293 Kelvin Cross Sections



7

Incident Energy (MeV)

50-Sn-128

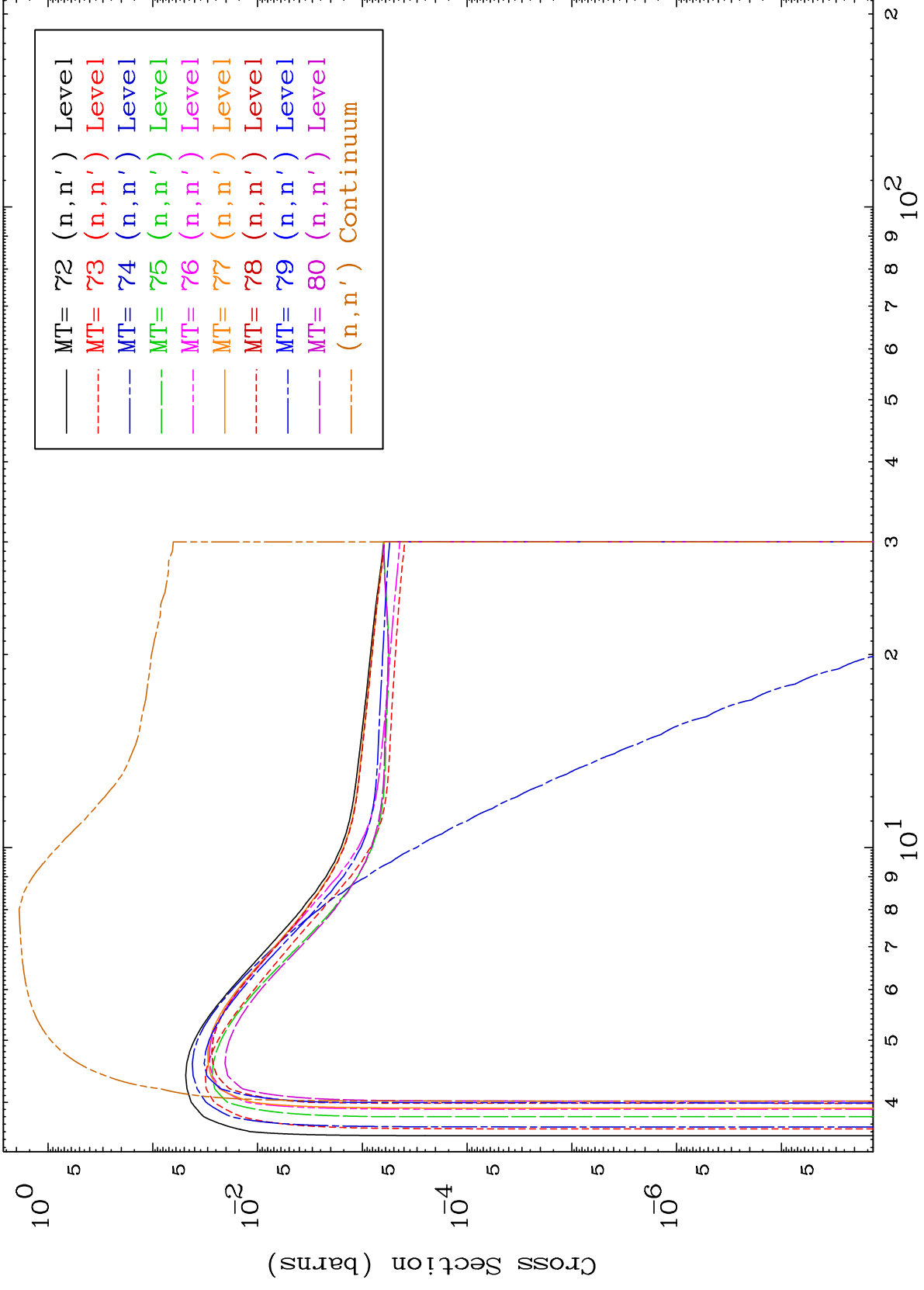


MAT 5073

(n,n') Level

50-Sn-128

293 Kelvin Cross Sections



8

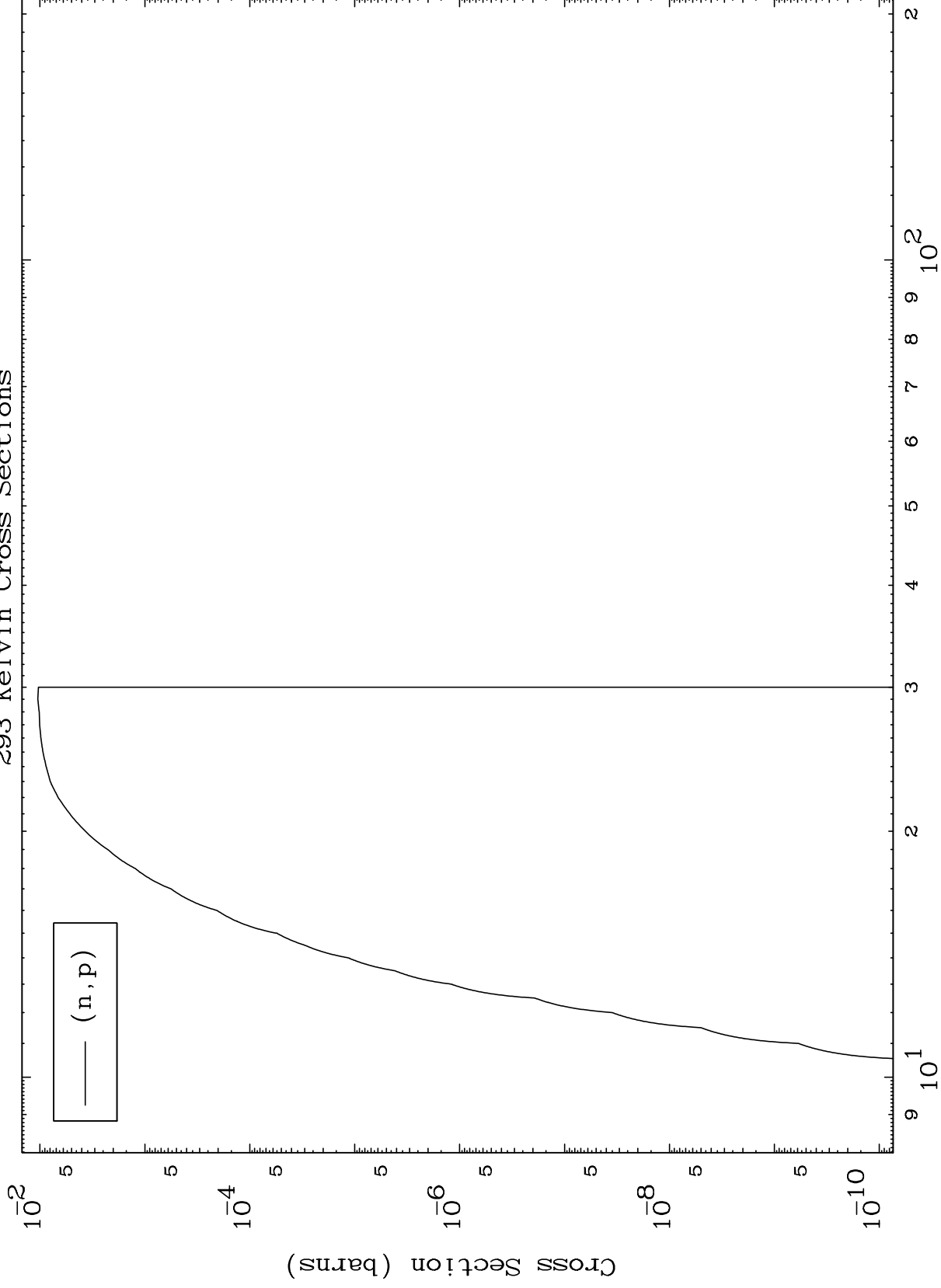
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-128



9

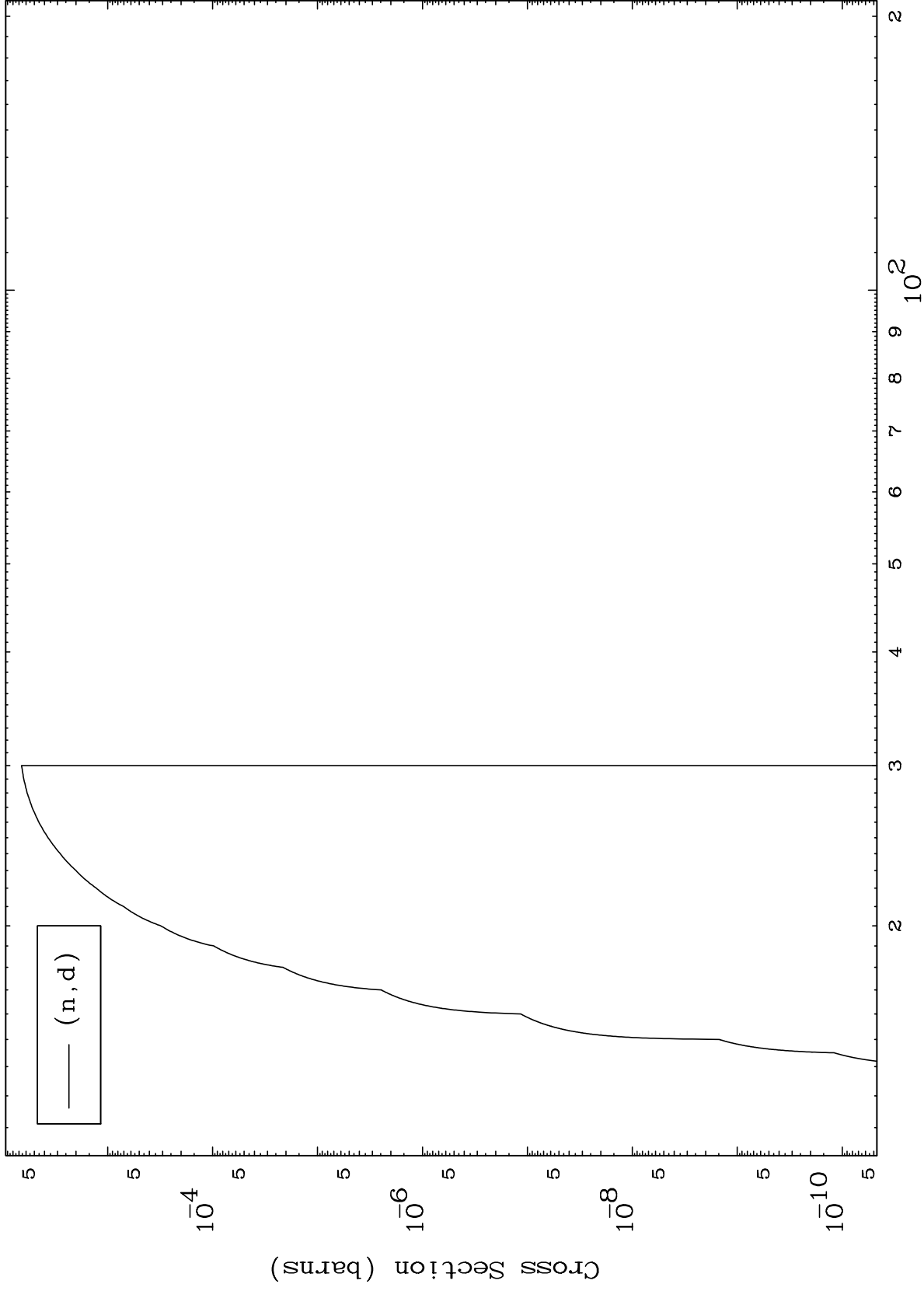
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-128



10

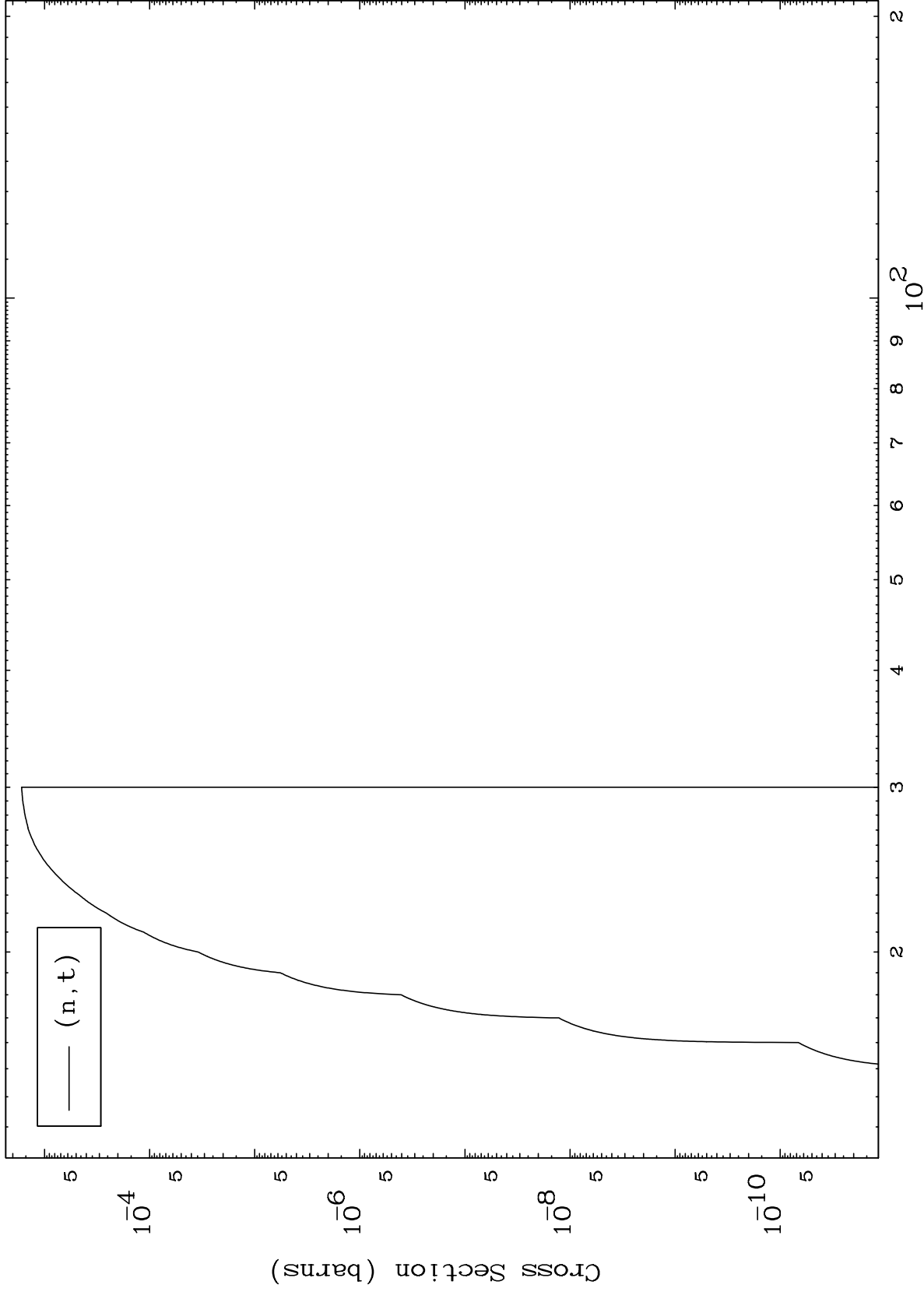
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,t) Levels  
293 Kelvin Cross Sections

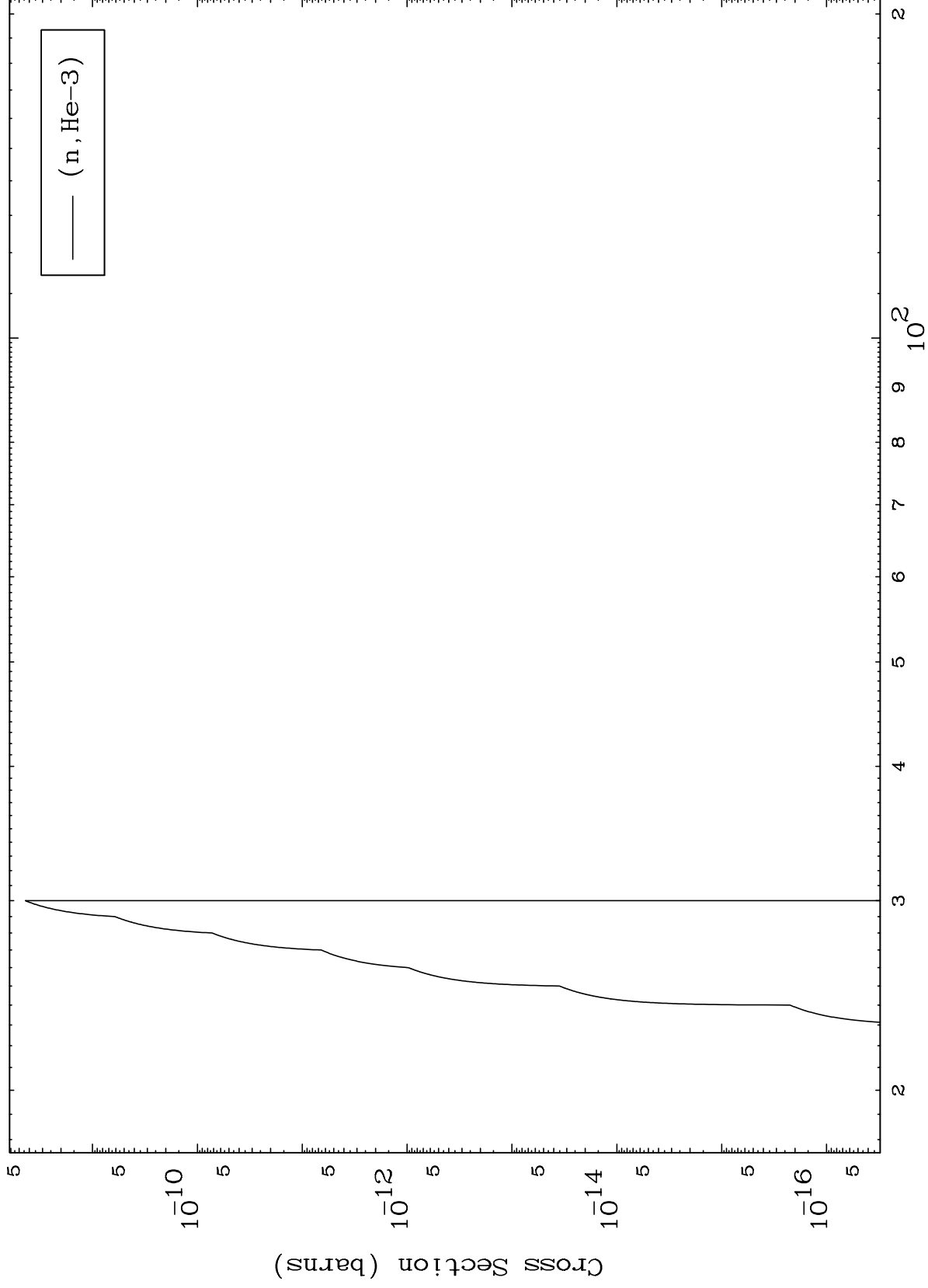
50-Sn-128



MAT 5073

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-128



12

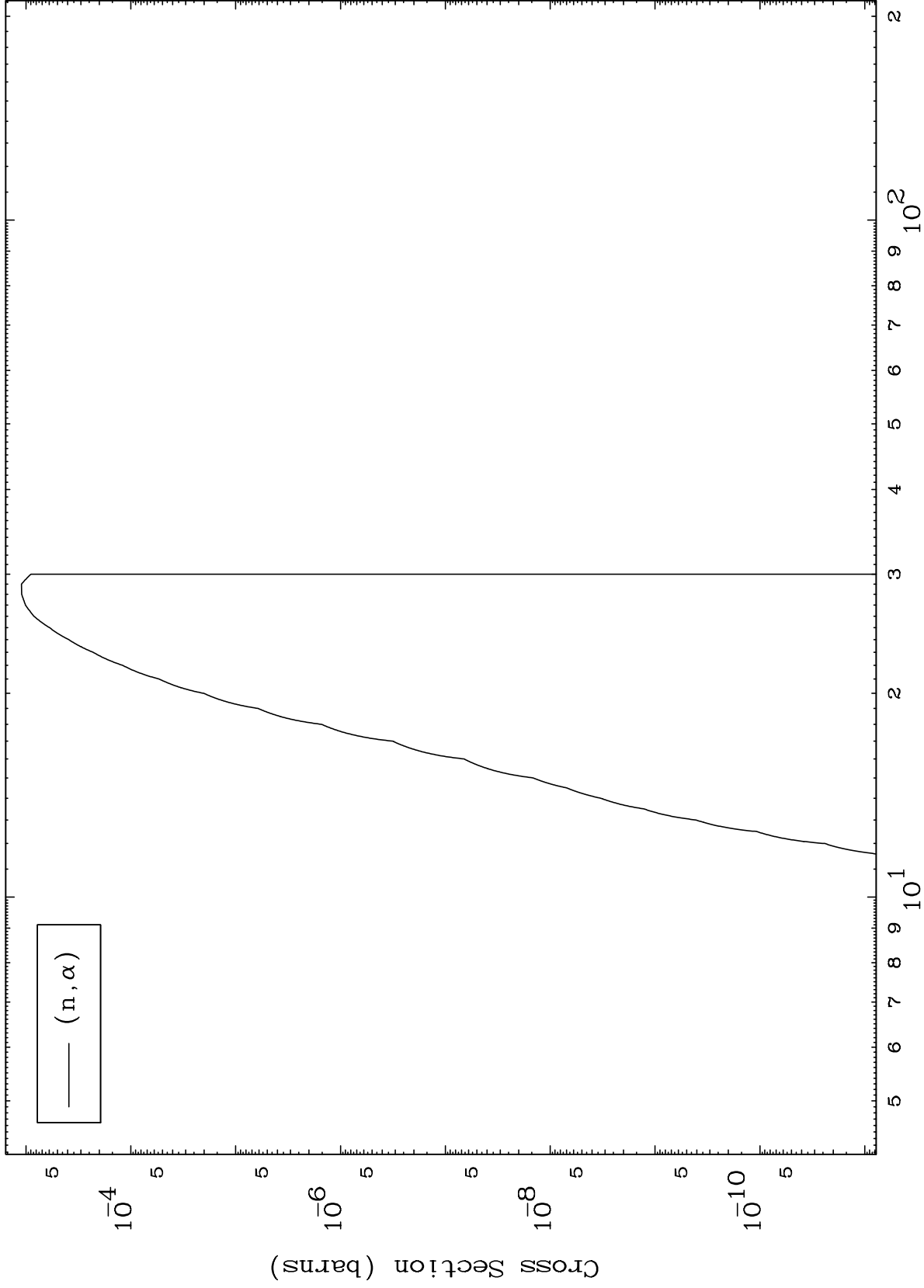
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,α) Levels  
293 Kelvin Cross Sections

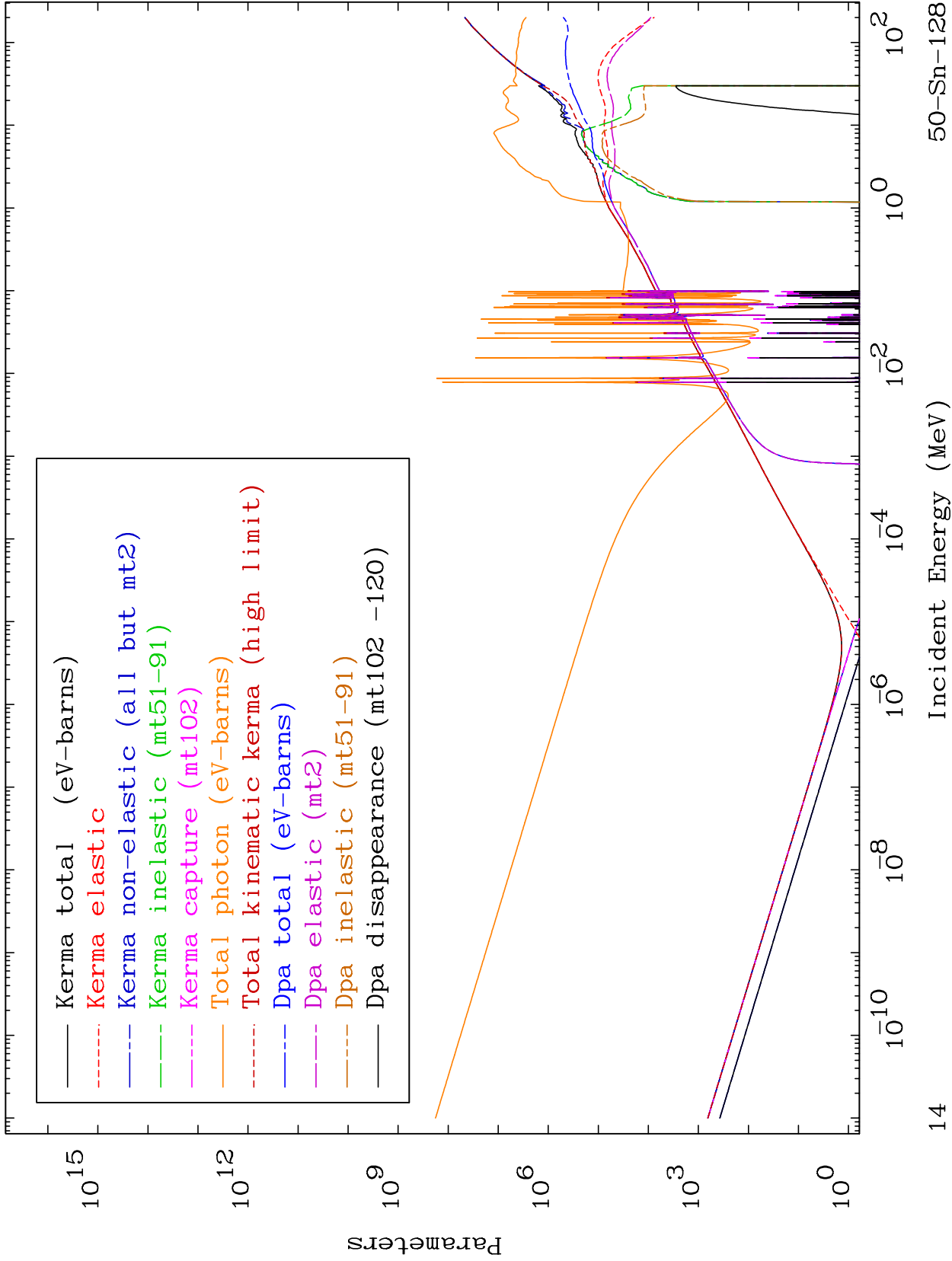
50-Sn-128

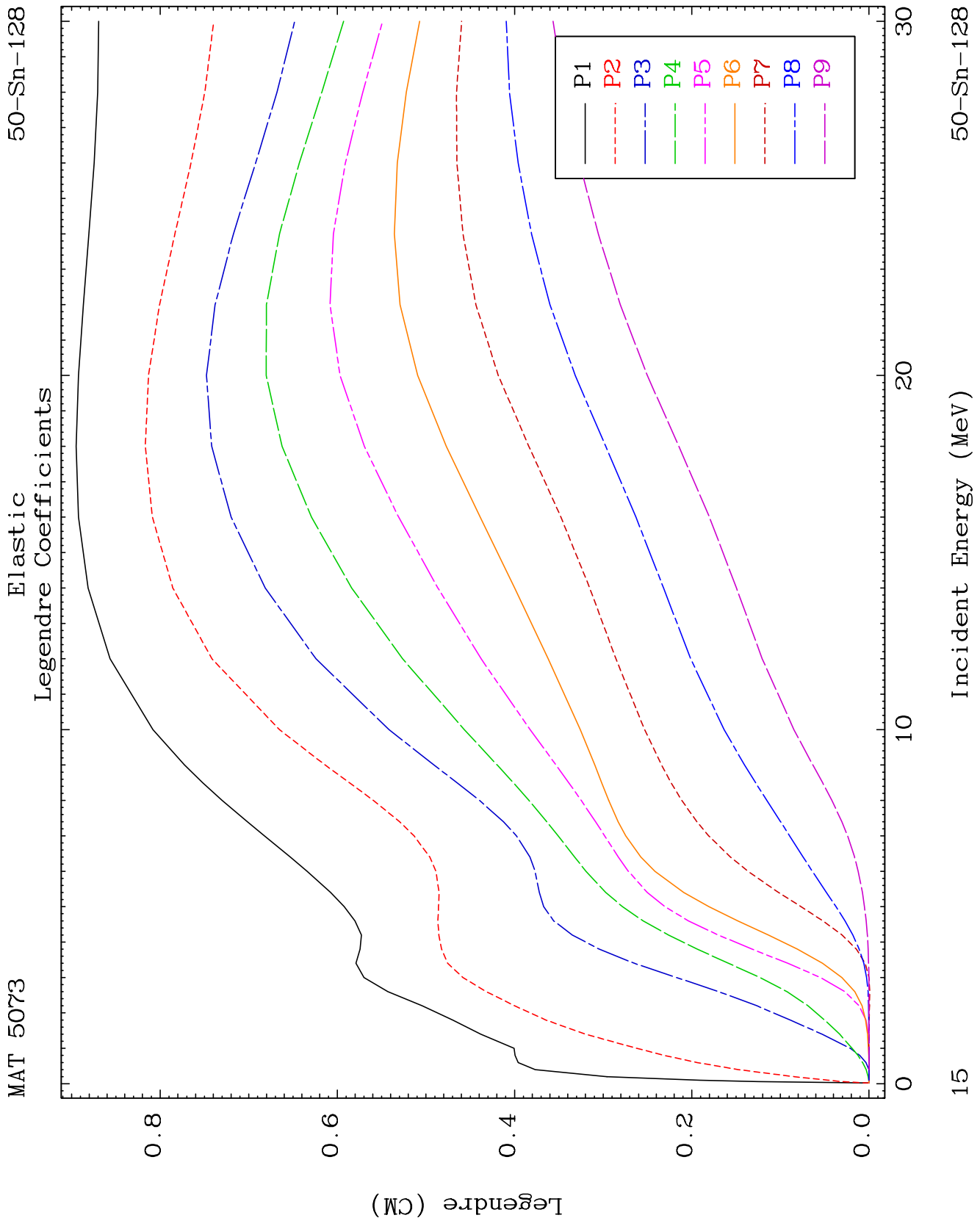


13

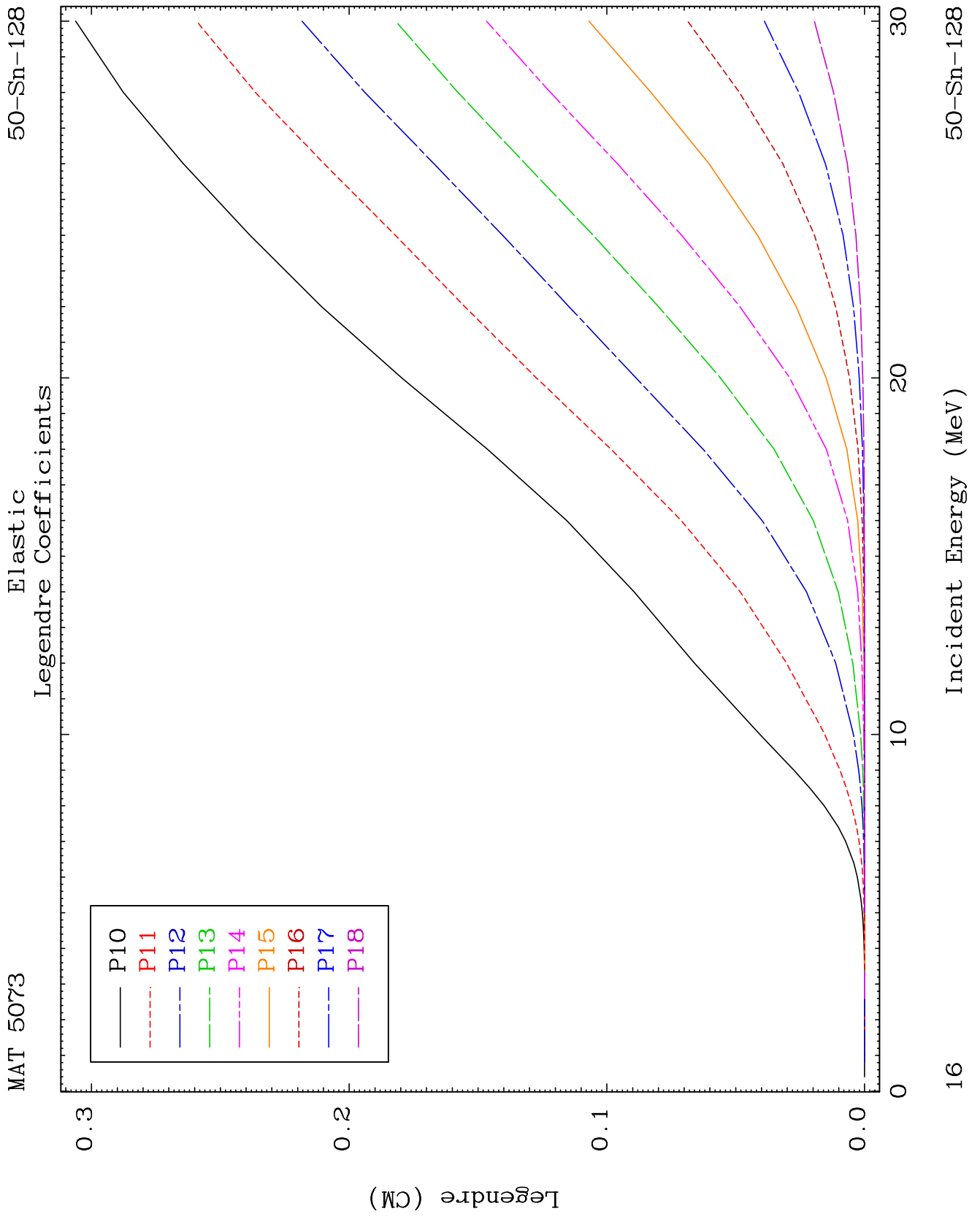
Incident Energy (MeV)

50-Sn-128





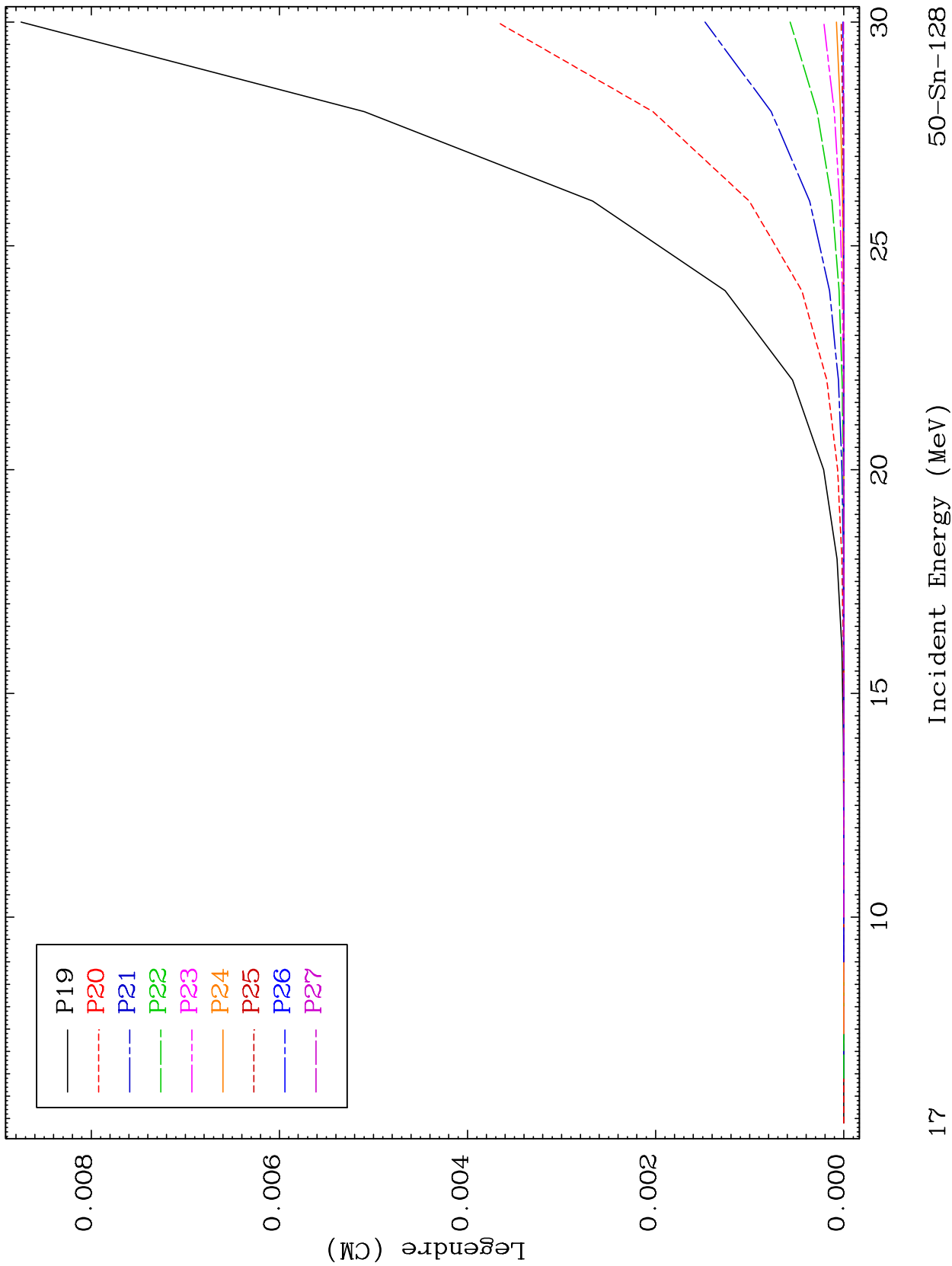




MAT 5073

Elastic  
Legendre Coefficients

50-Sn-128

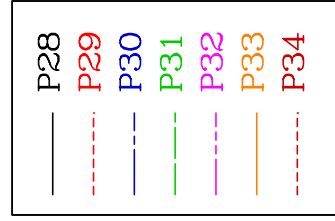


17

MAT 5073

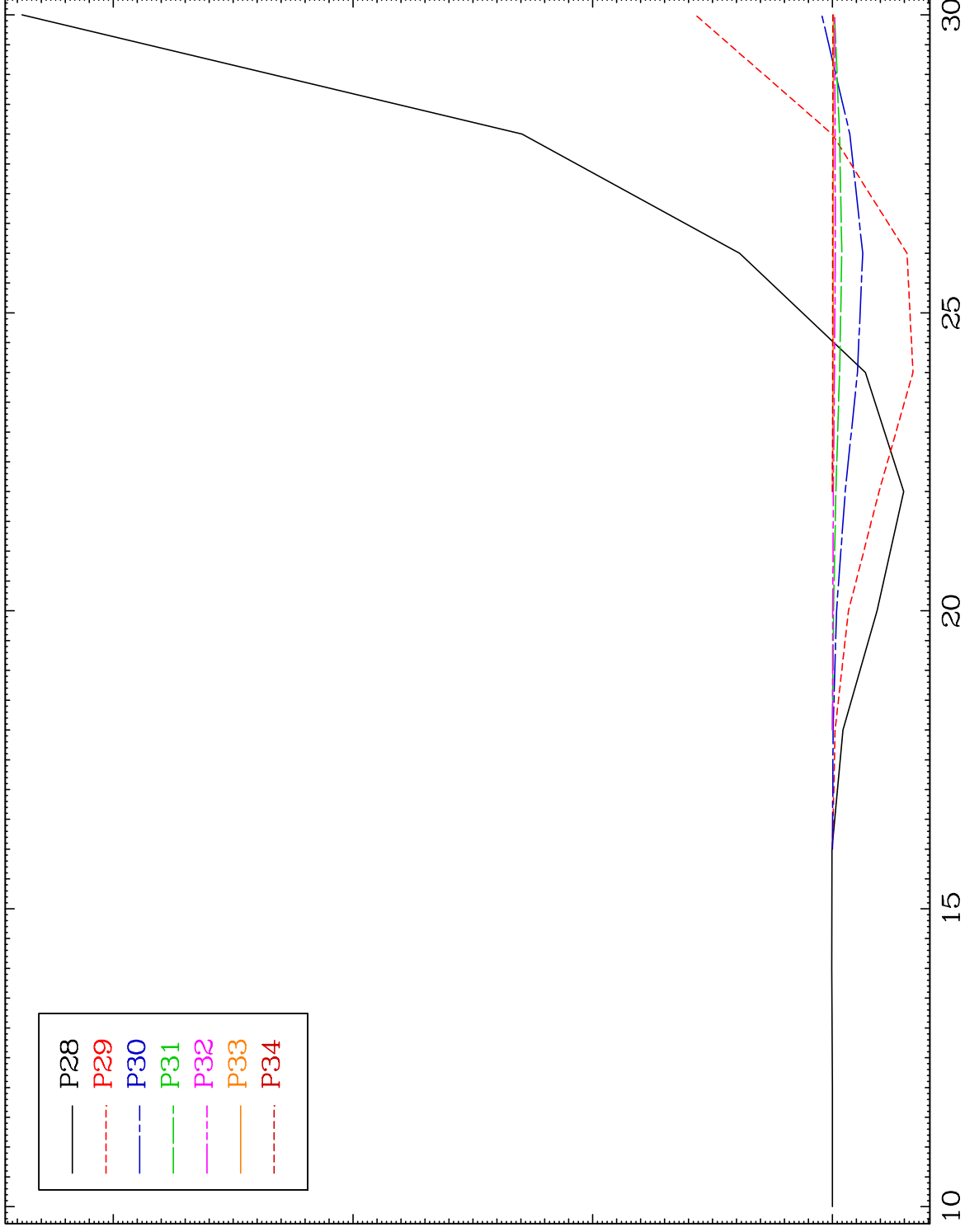
Elastic  
Legendre Coefficients

50-Sn-128



$\times 10^{-7}$

Legendre (CM)



10

15

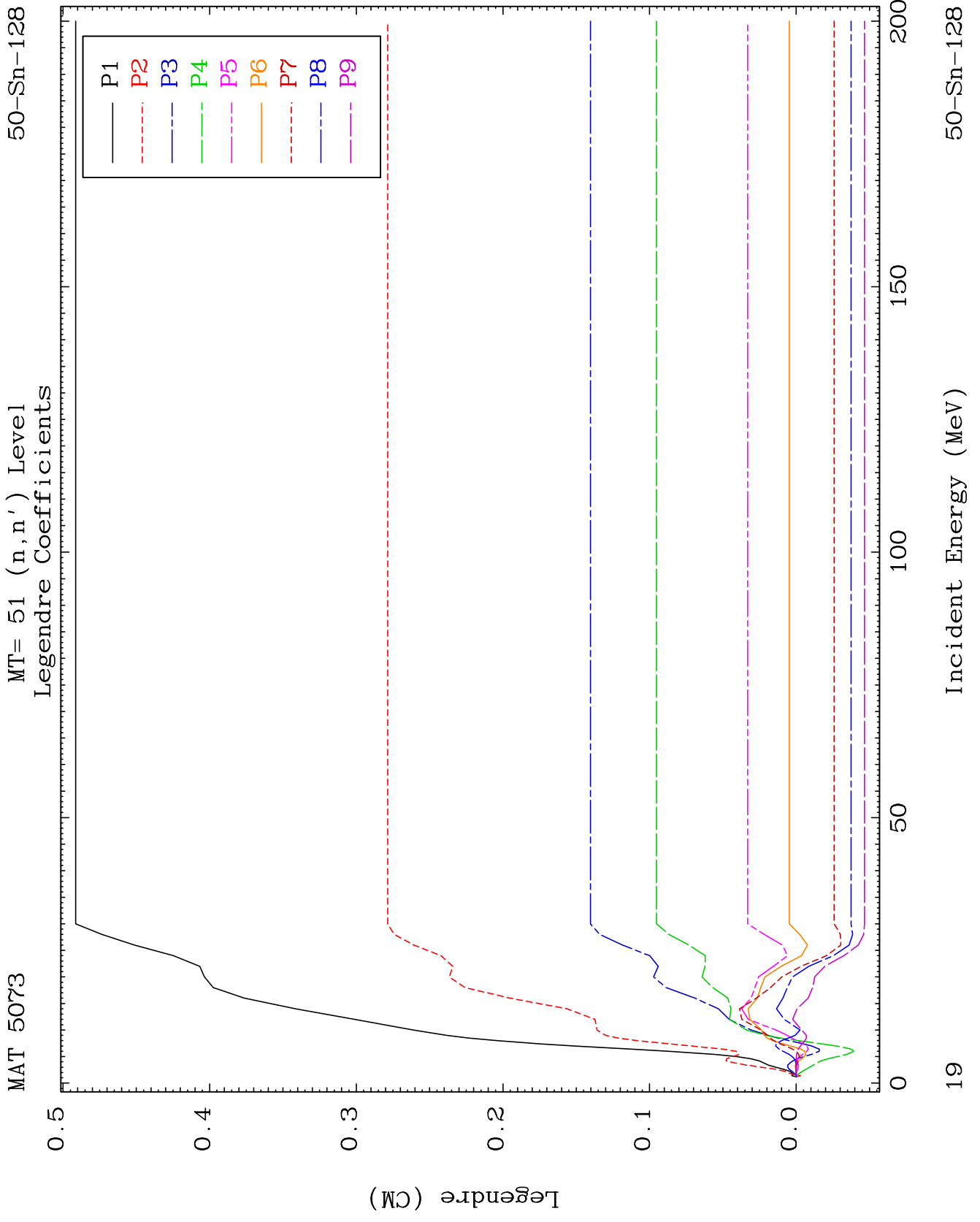
20

25

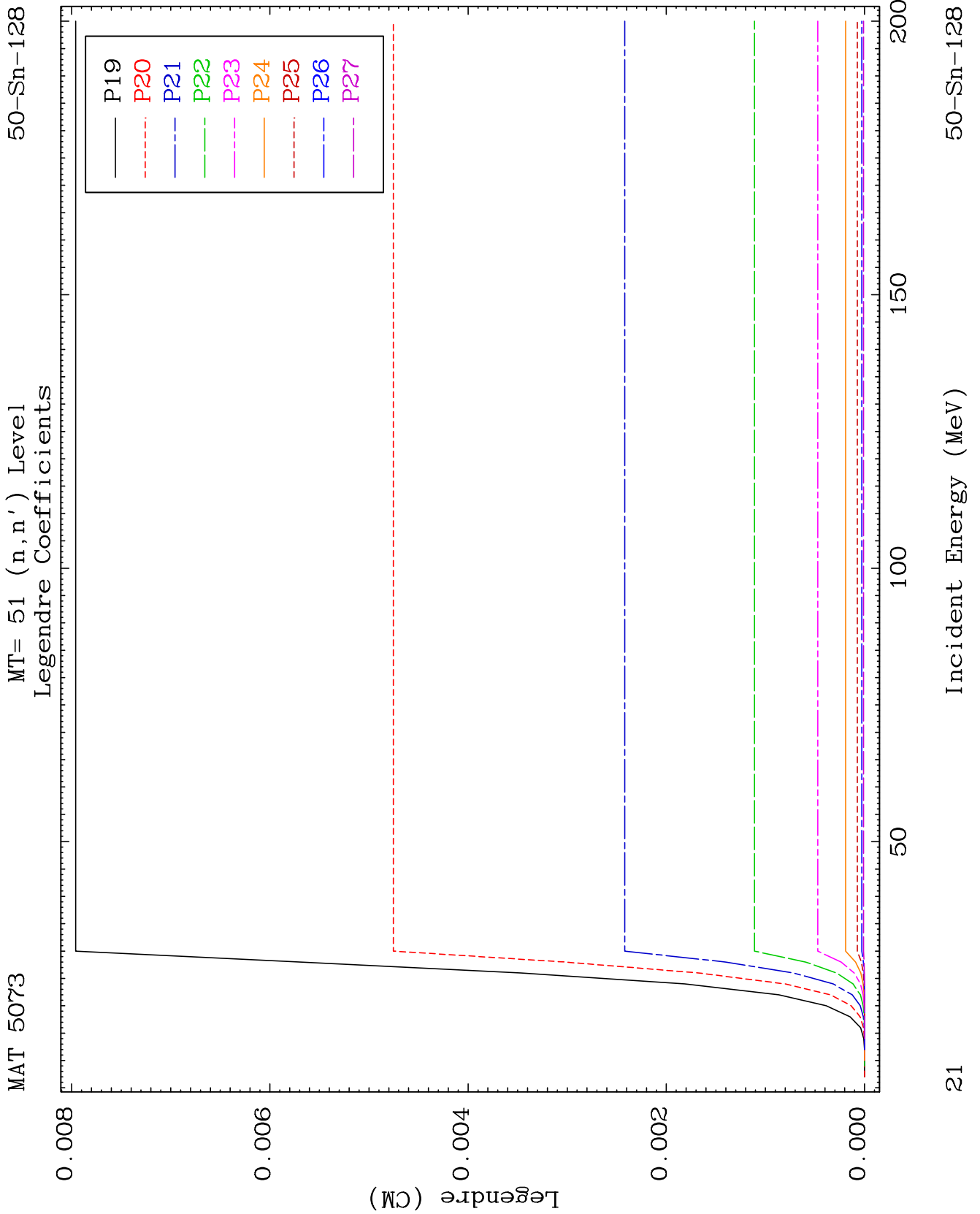
30

Incident Energy (MeV)

50-Sn-128



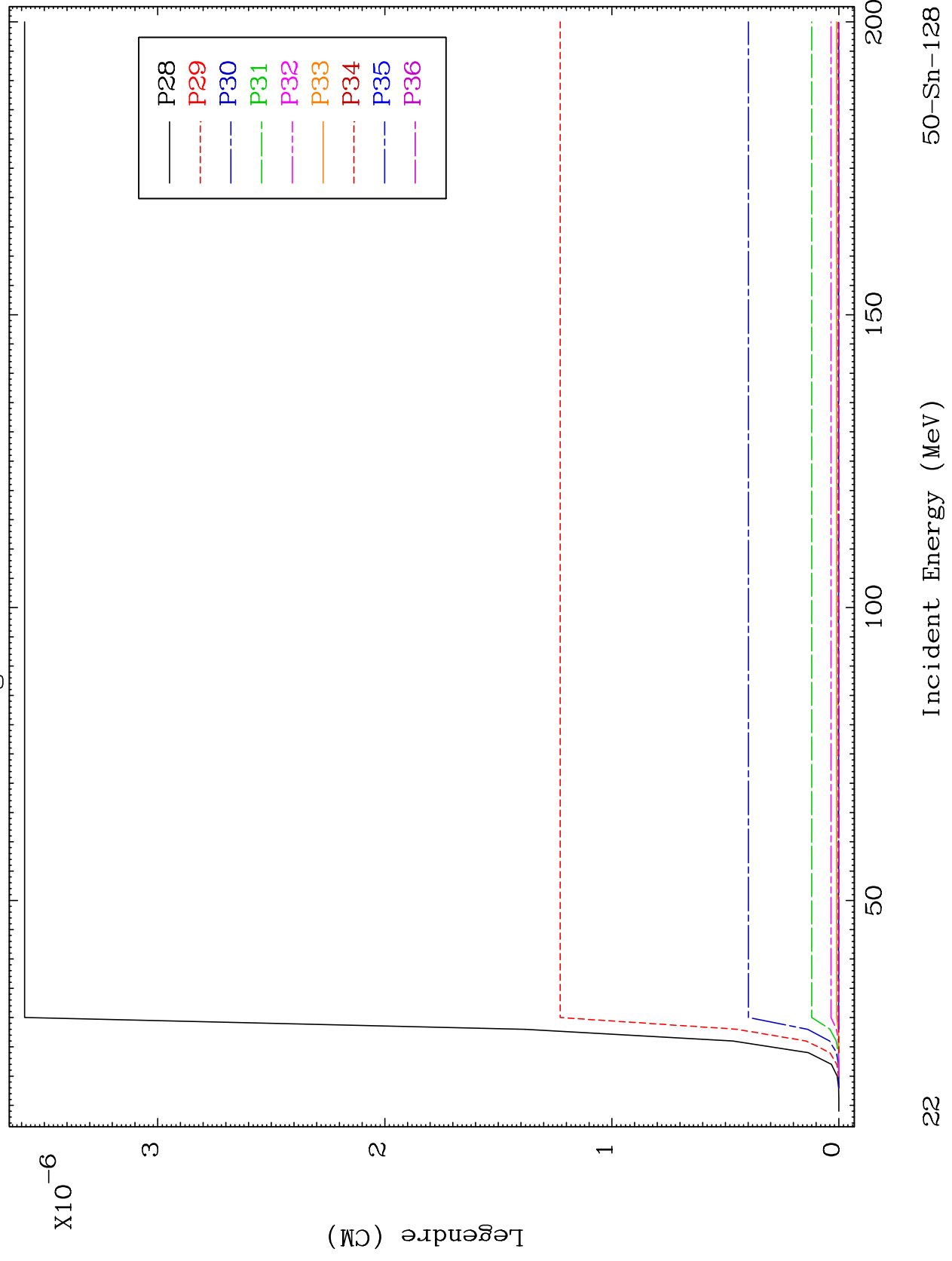




MAT 5073

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

50-Sn-128

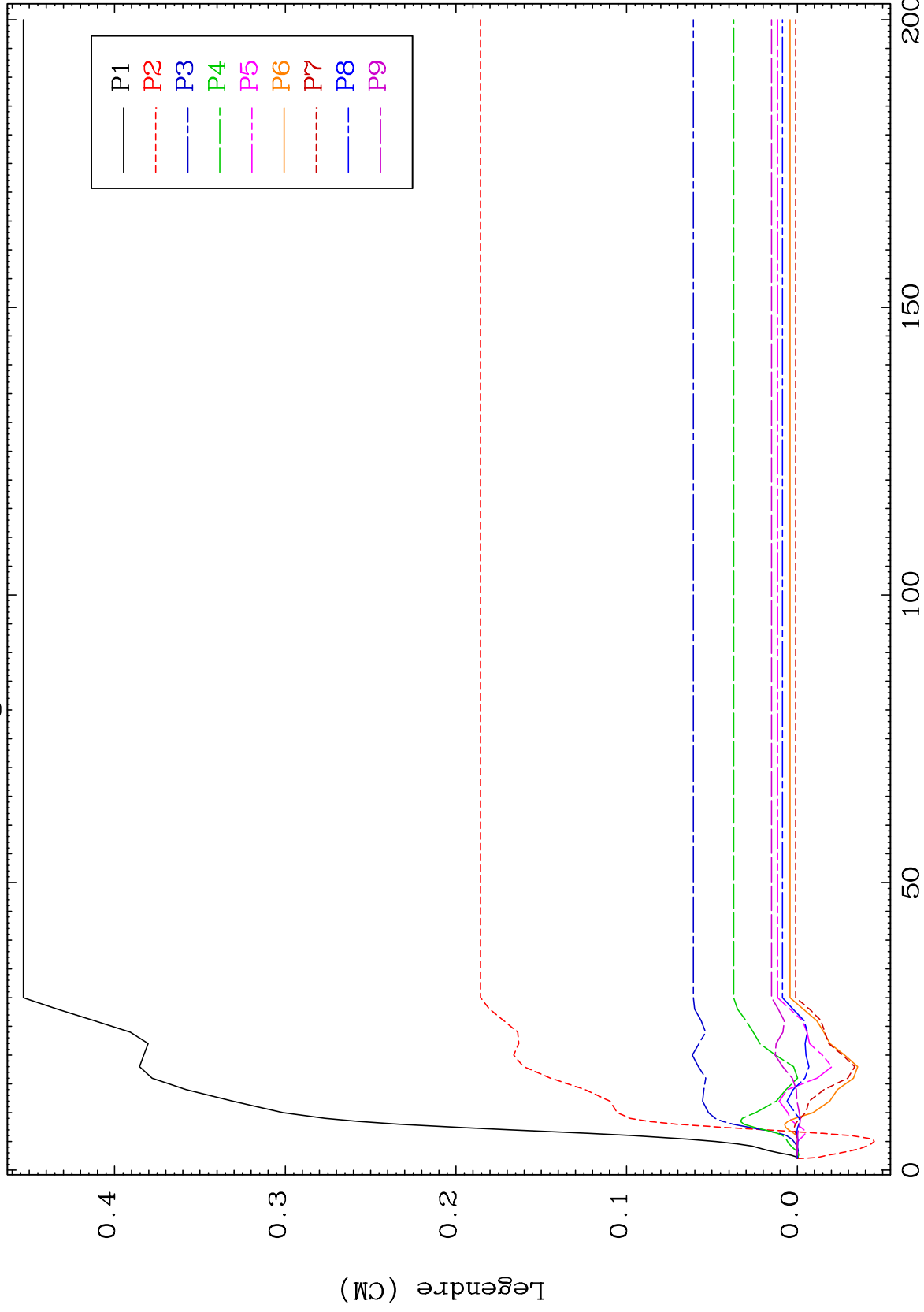


22

MAT 5073

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

50-Sn-128



50-Sn-128

Incident Energy (MeV)

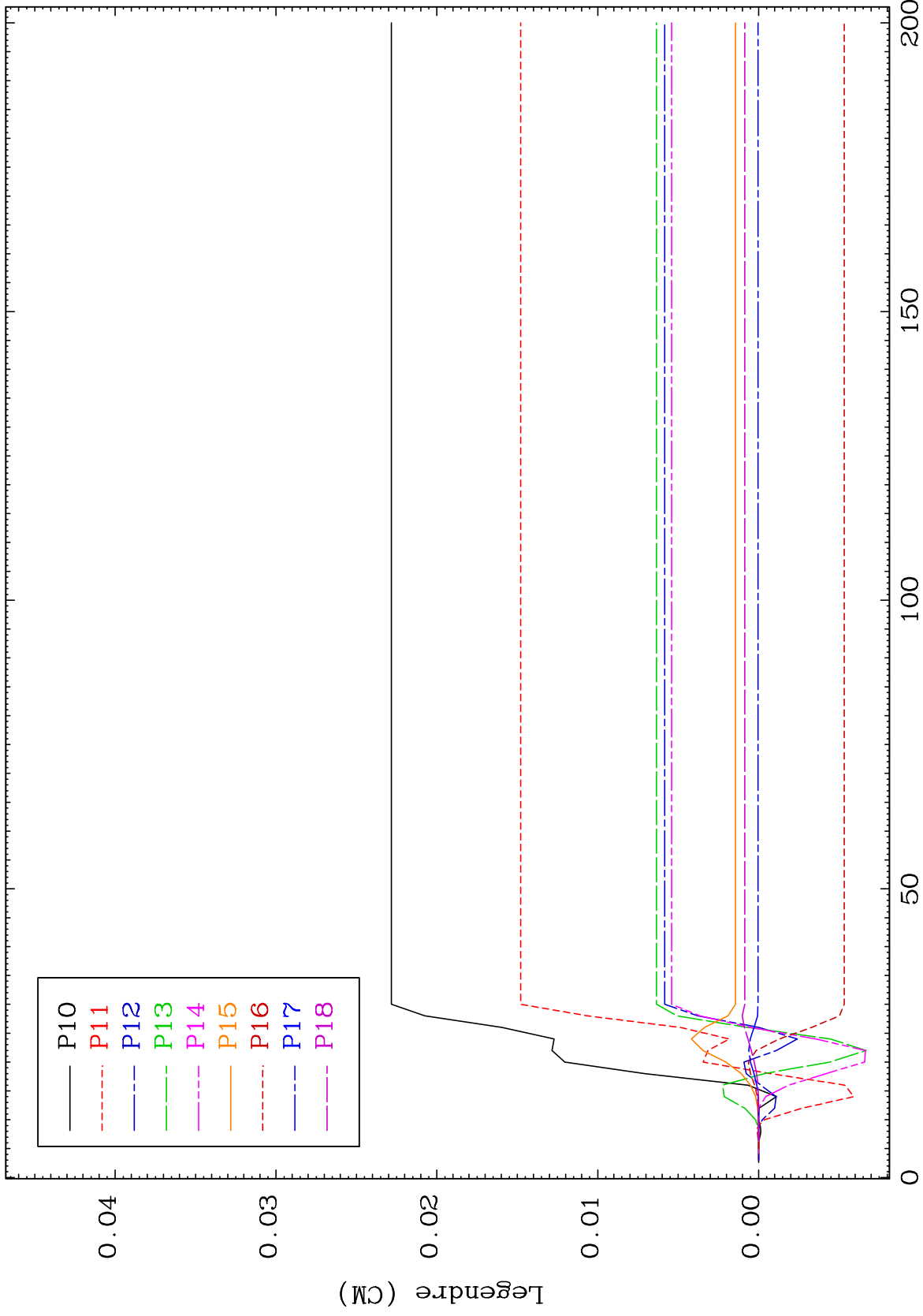
23



MAT 5073

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

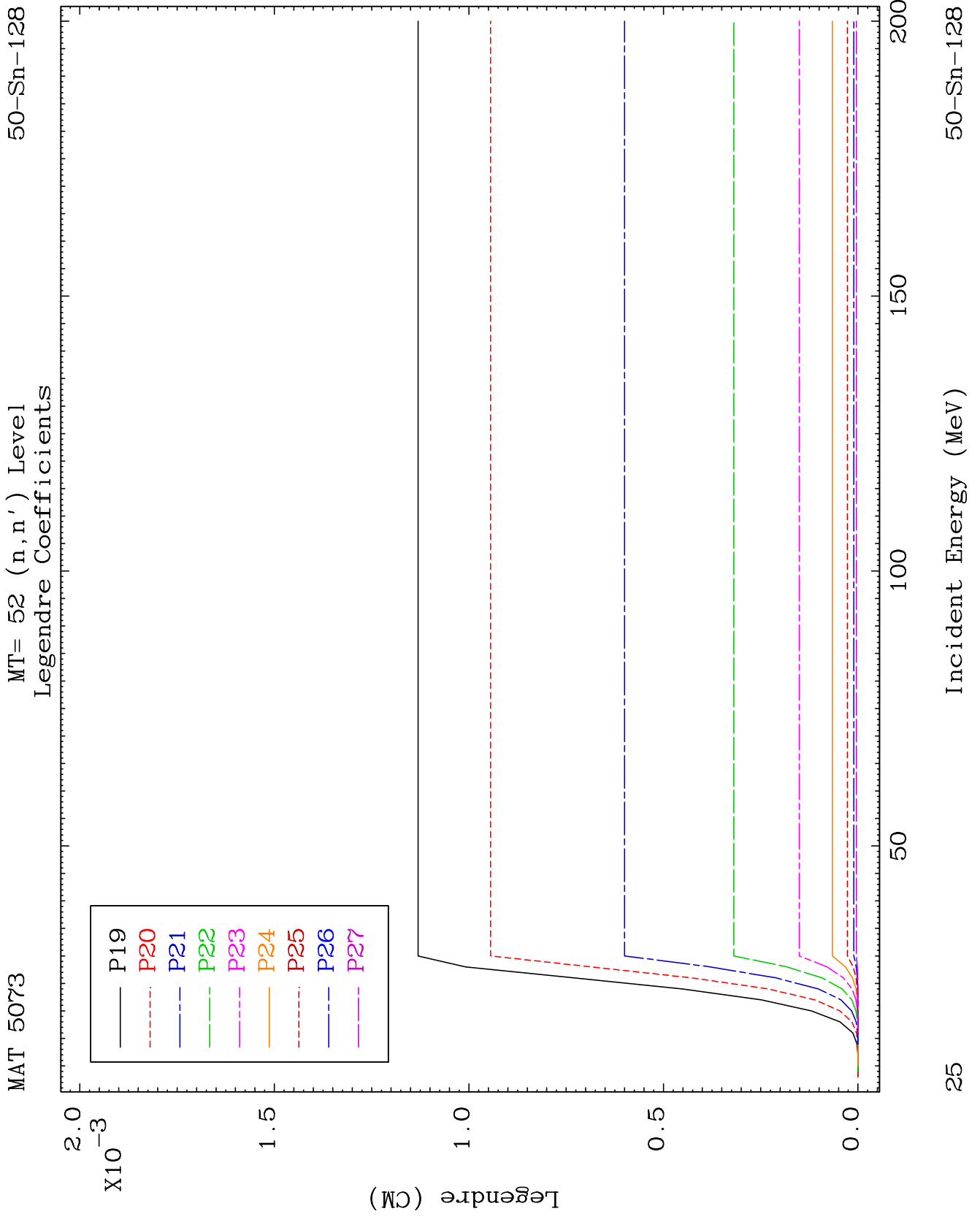
50-Sn-128

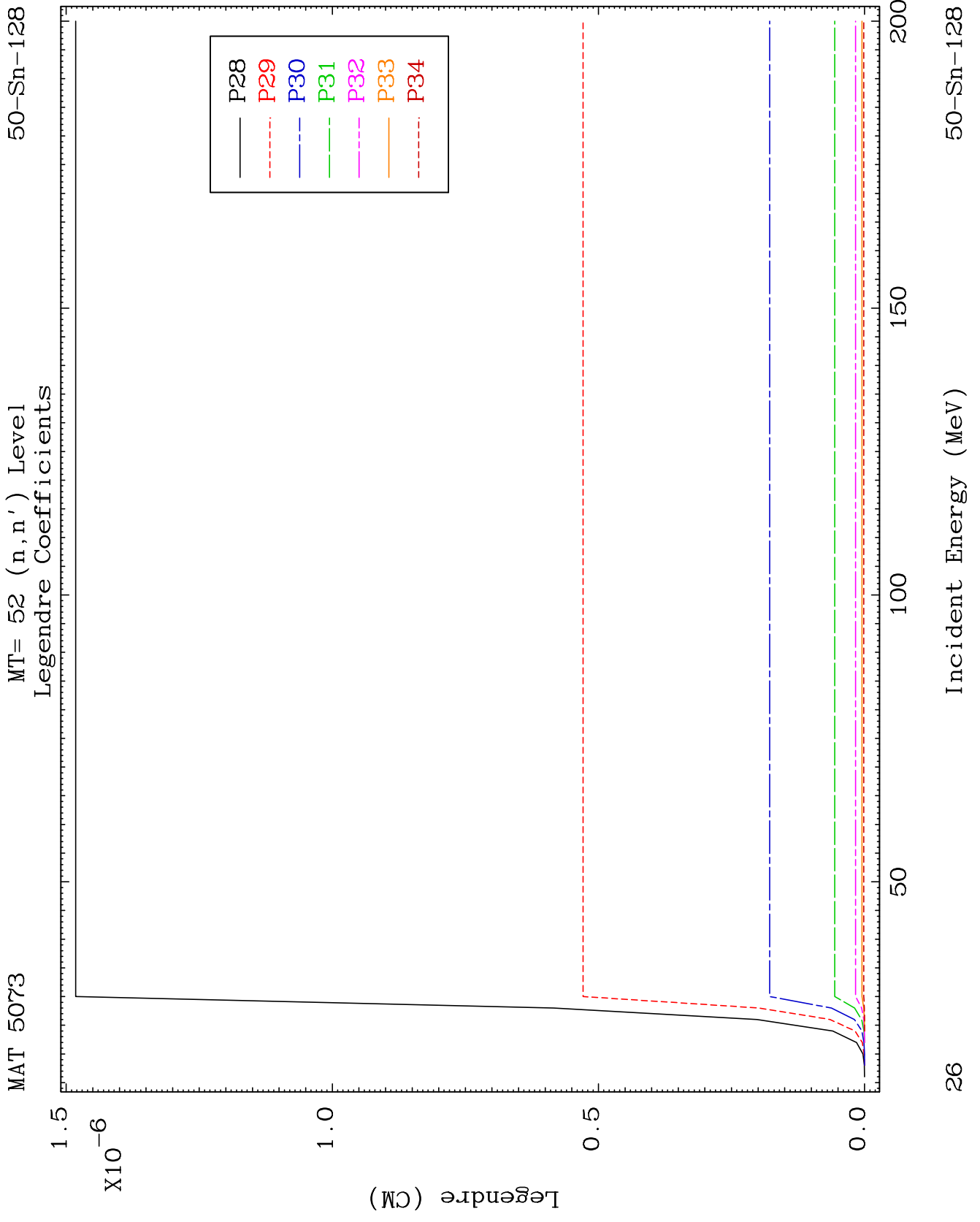


24

Incident Energy (MeV)

50-Sn-128

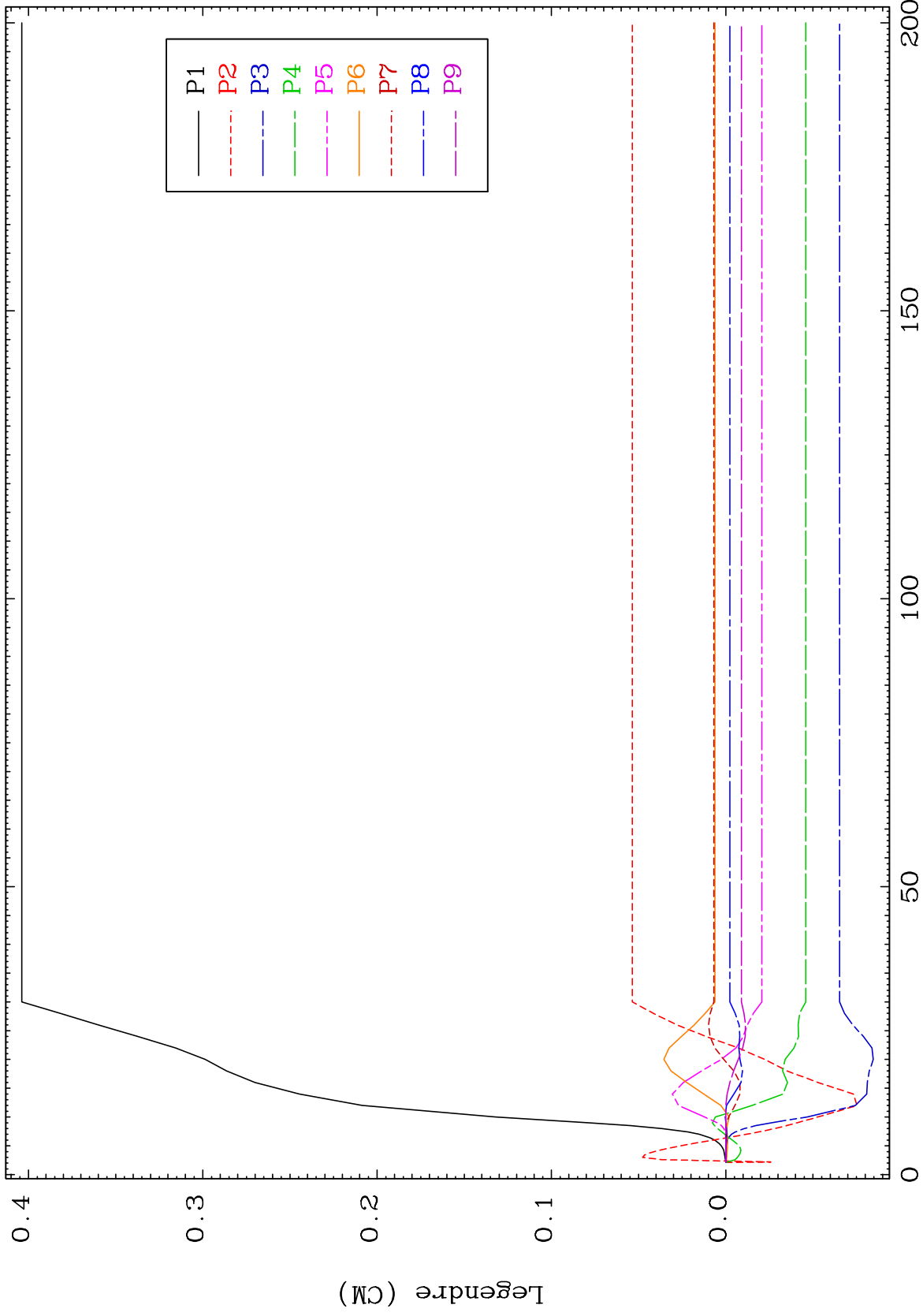




MAT 5073

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

50-Sn-128



27

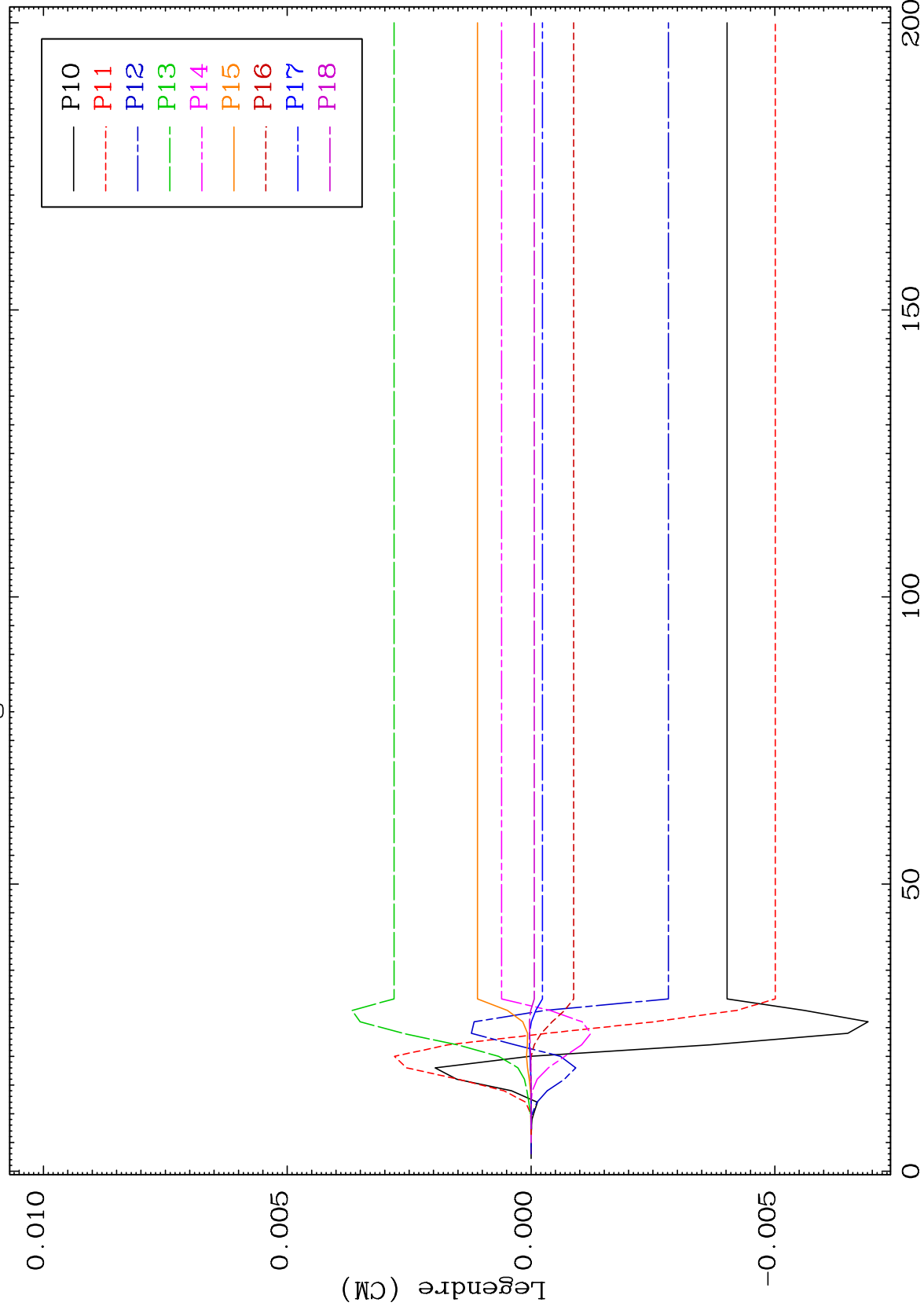
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

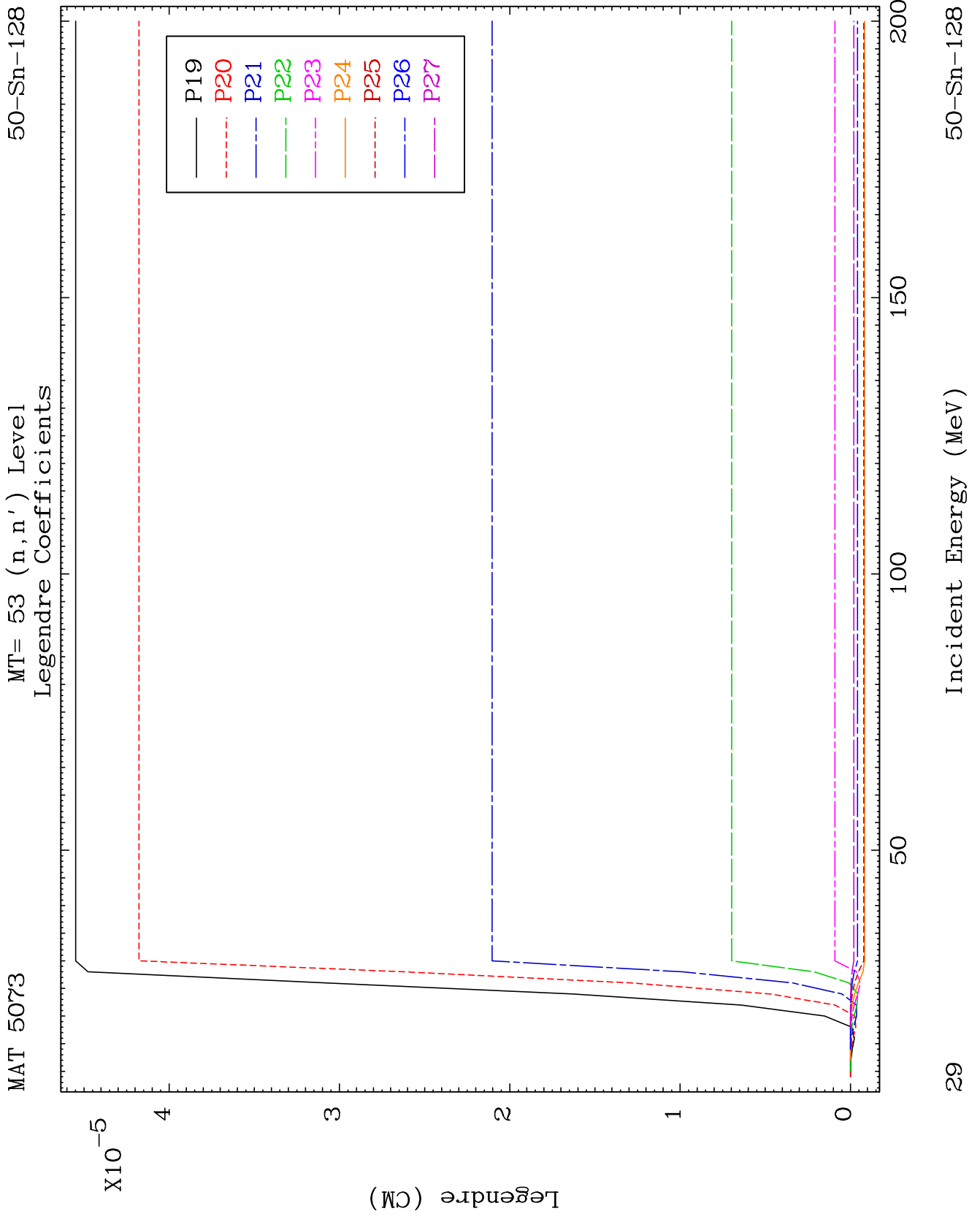
50-Sn-128

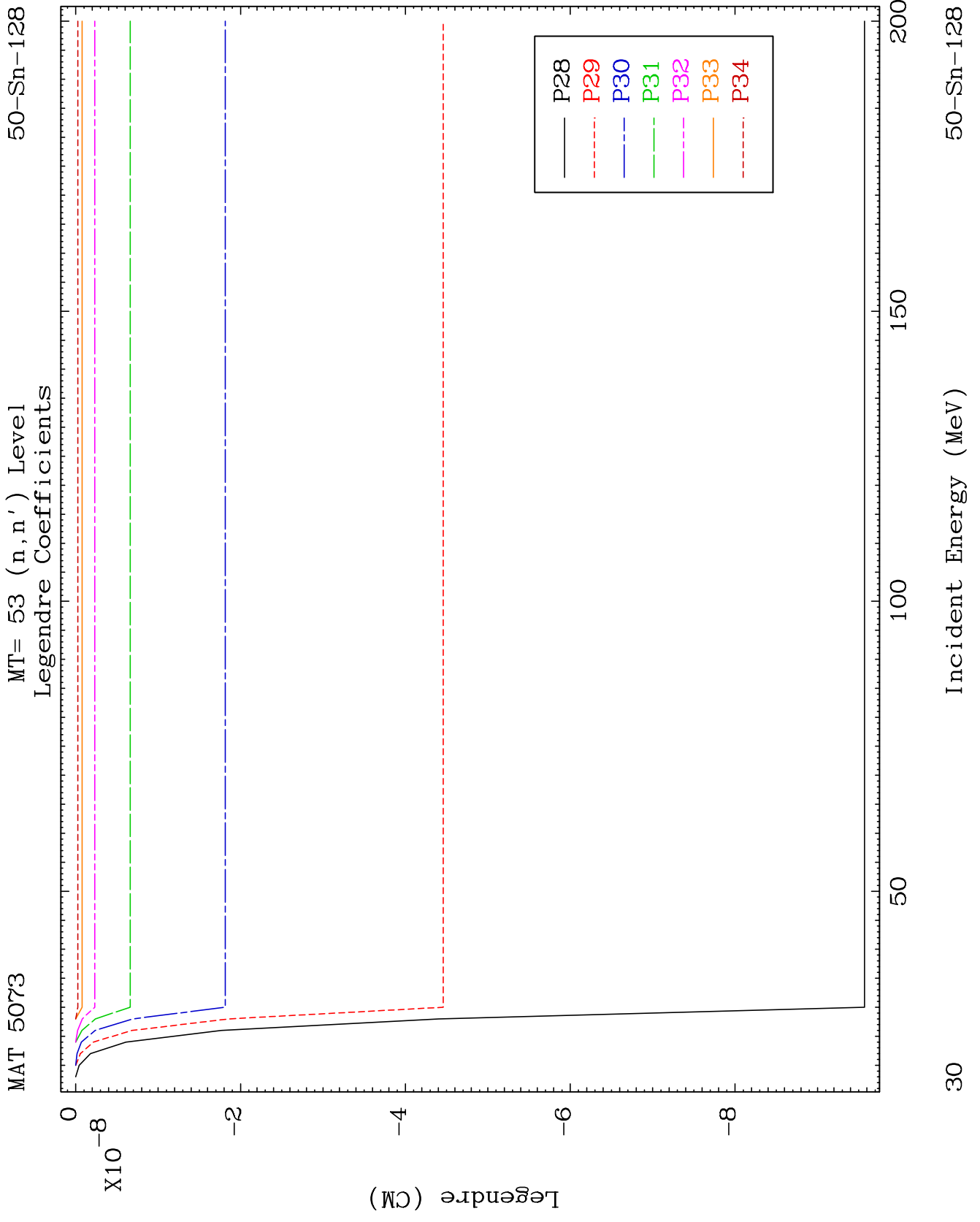


28

Incident Energy (MeV)

50-Sn-128

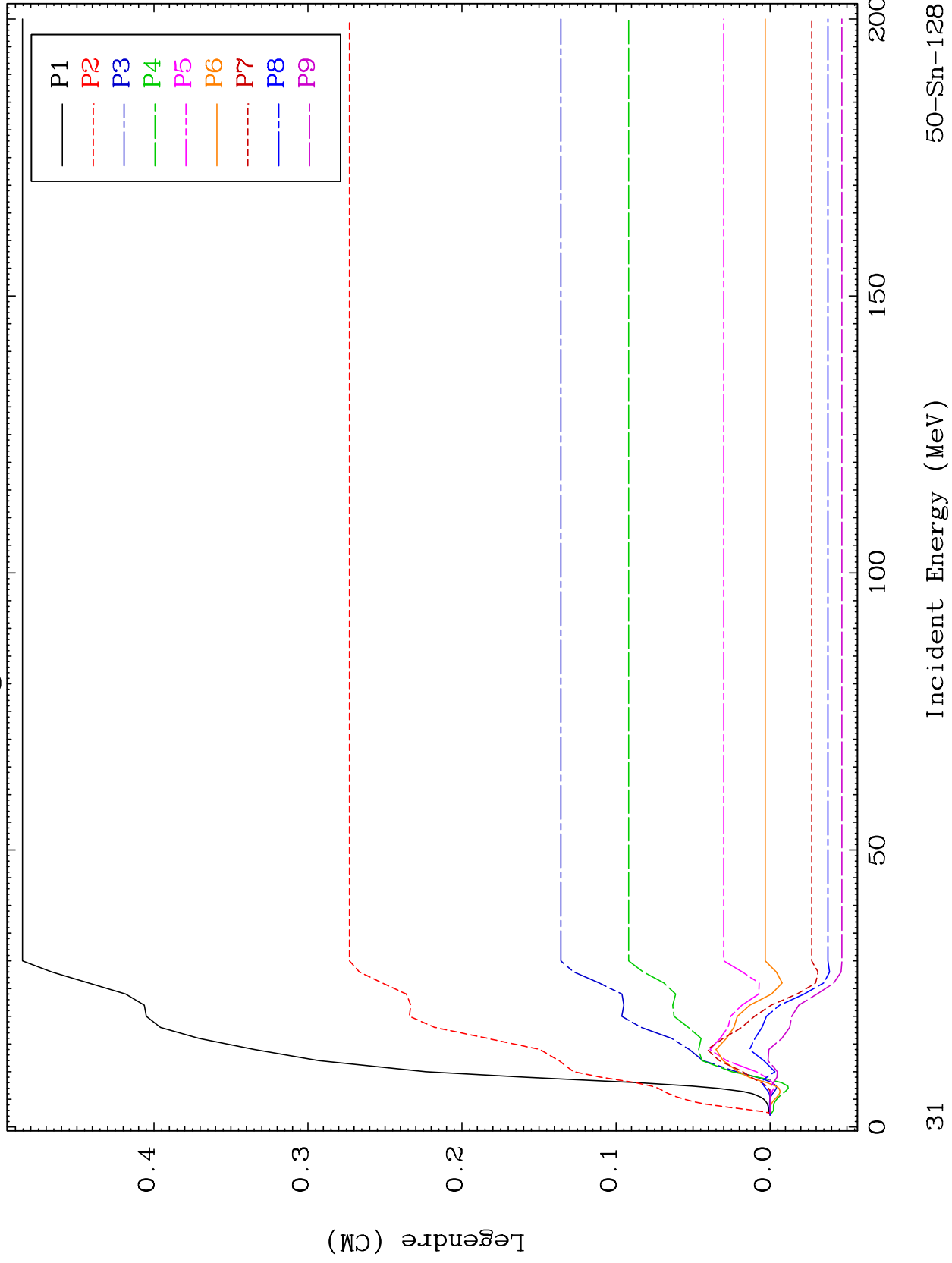




MAT 5073

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

50-Sn-128



31

Incident Energy (MeV)

50-Sn-128

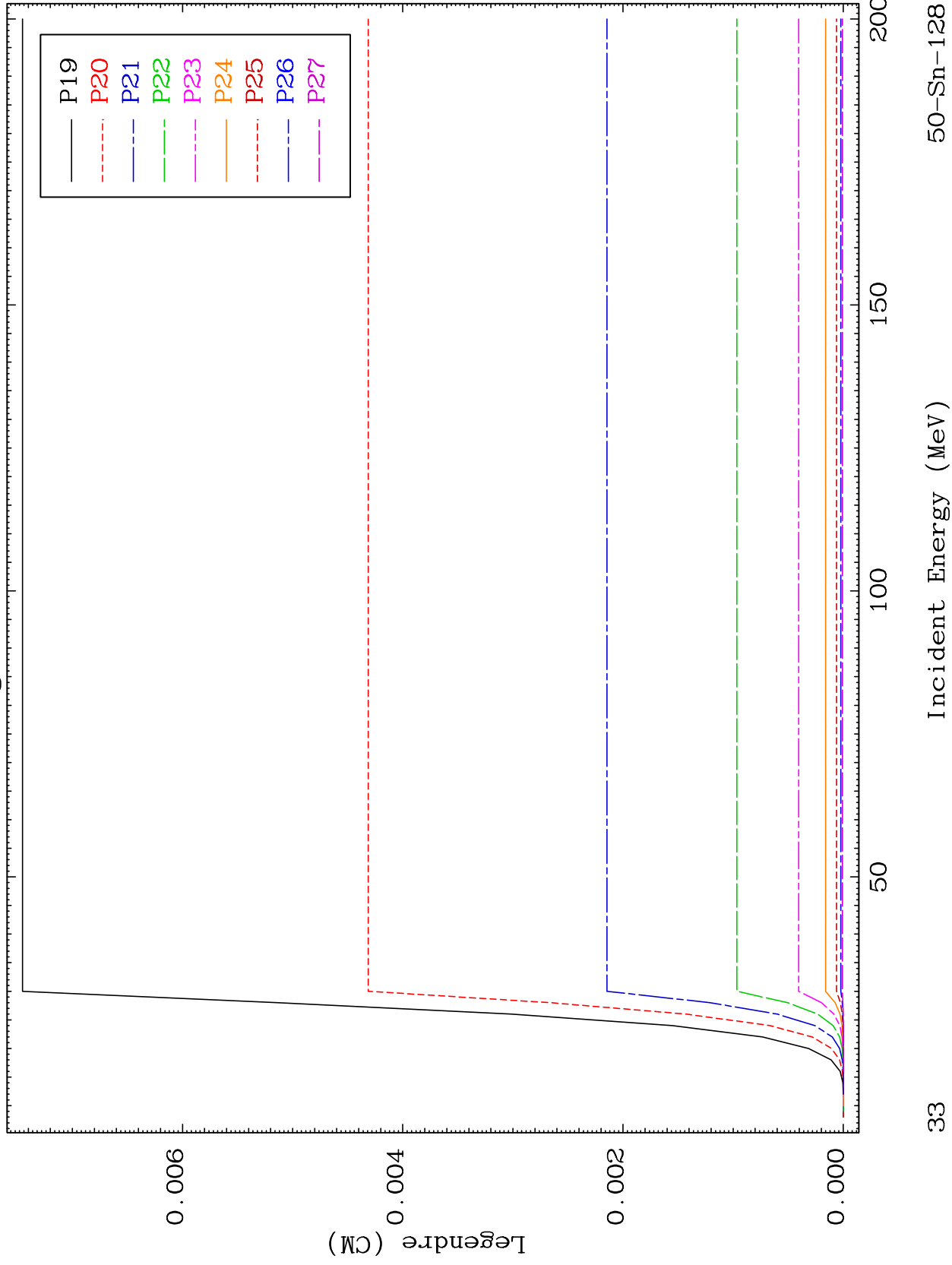




MAT 5073

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

50-Sn-128



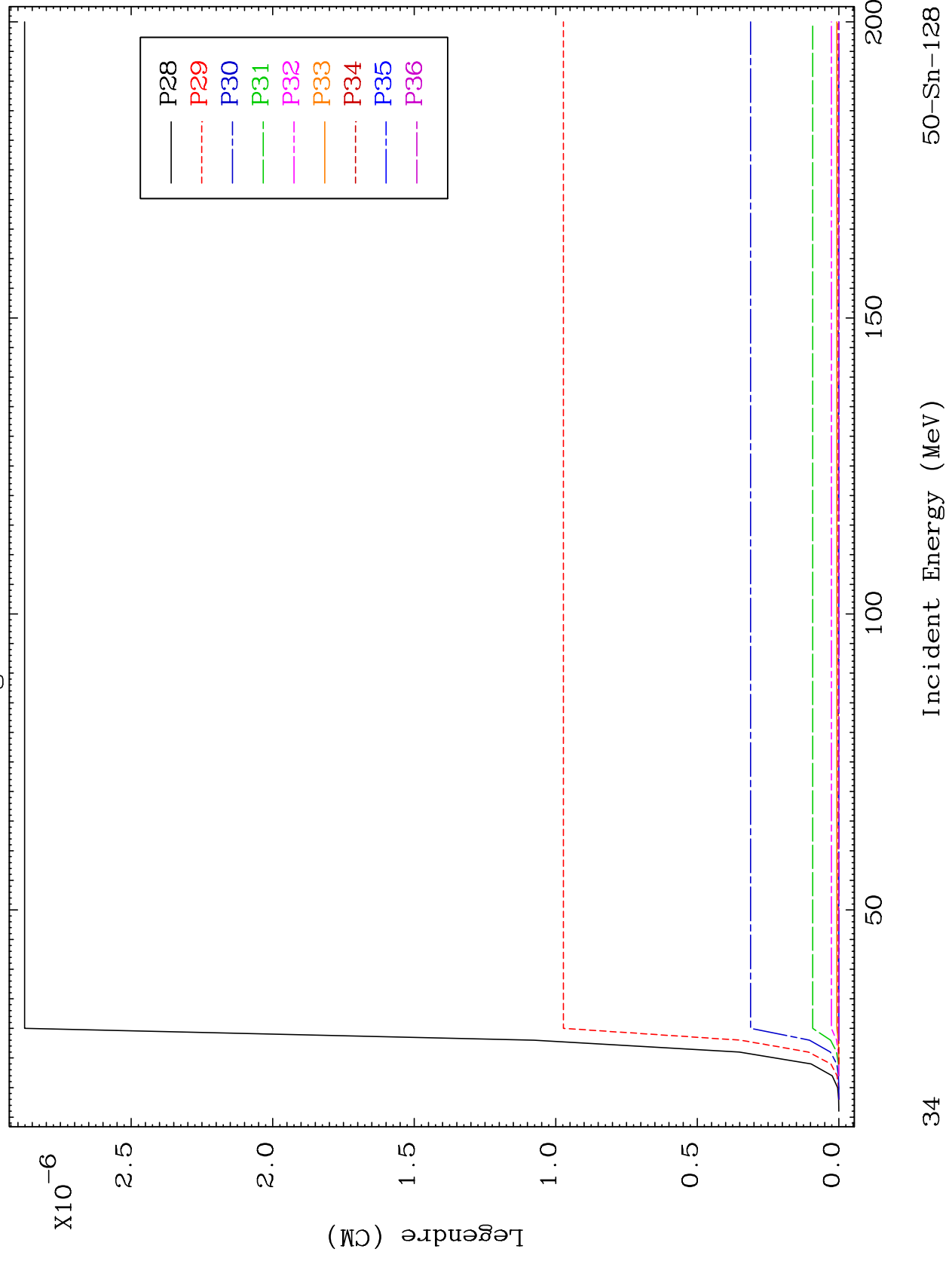
33

50-Sn-128

MAT 5073

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

50-Sn-128



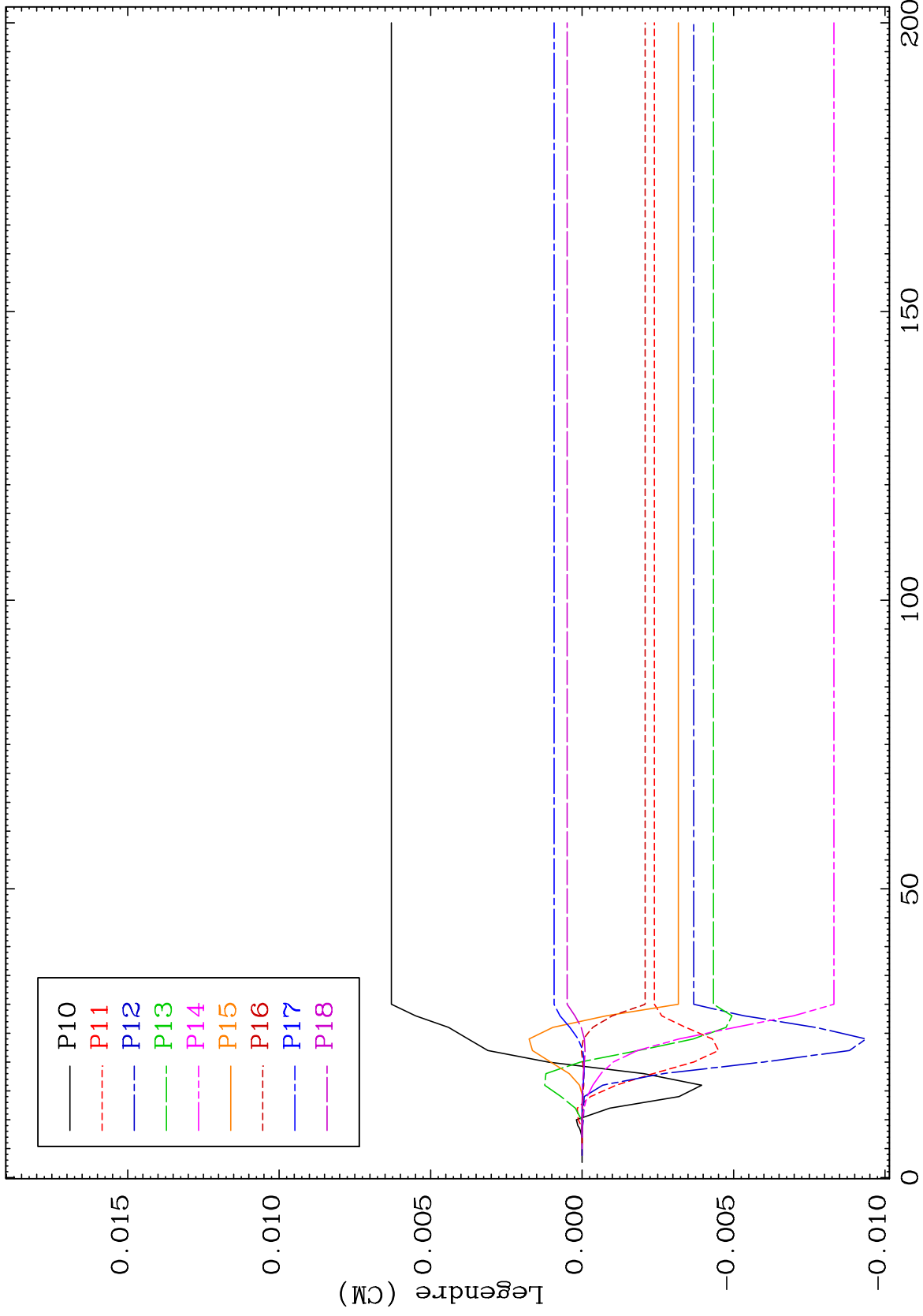
34



MAT 5073

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

50-Sn-128



36

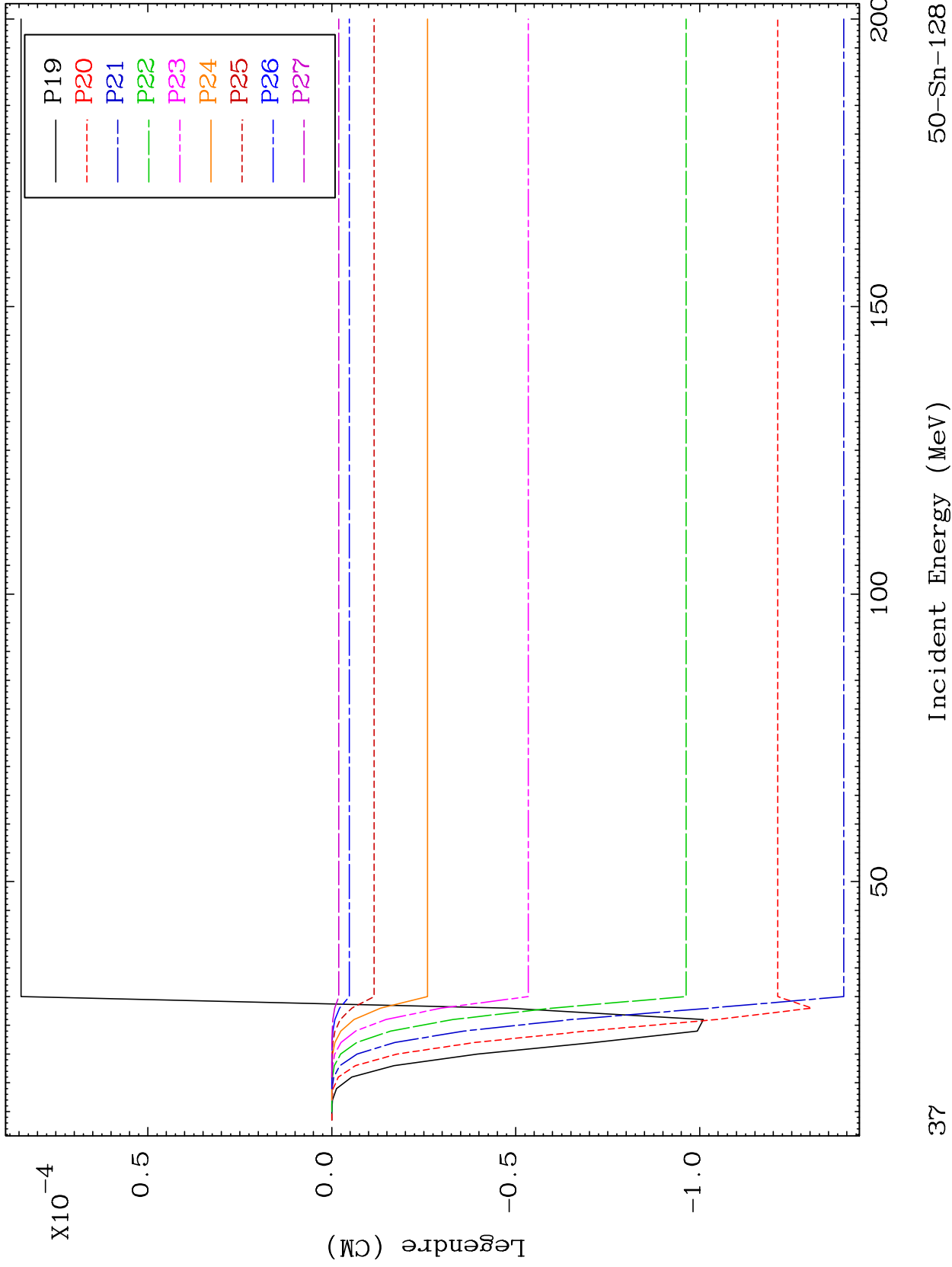
Incident Energy (MeV)

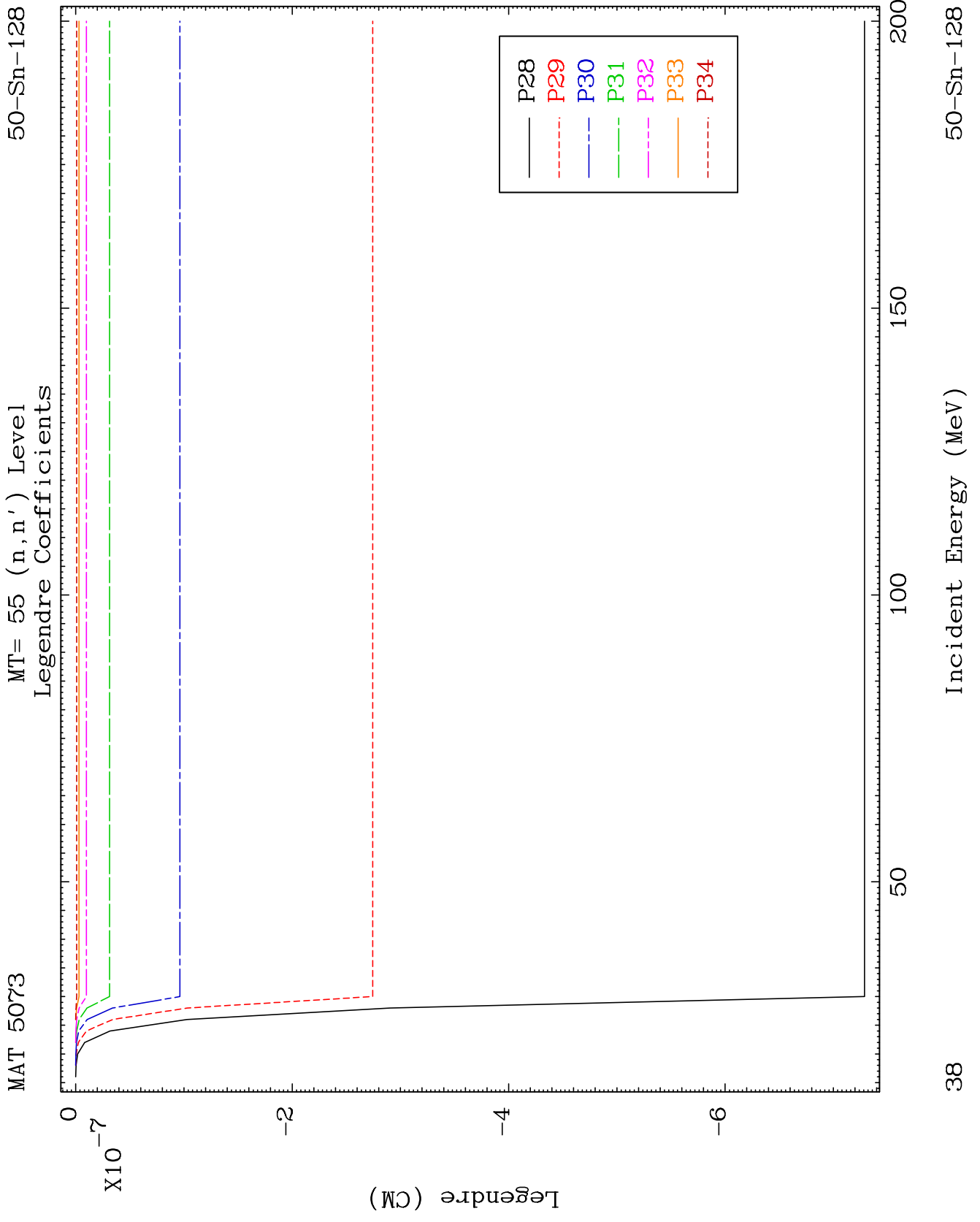
50-Sn-128

MAT 5073

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

50-Sn-128

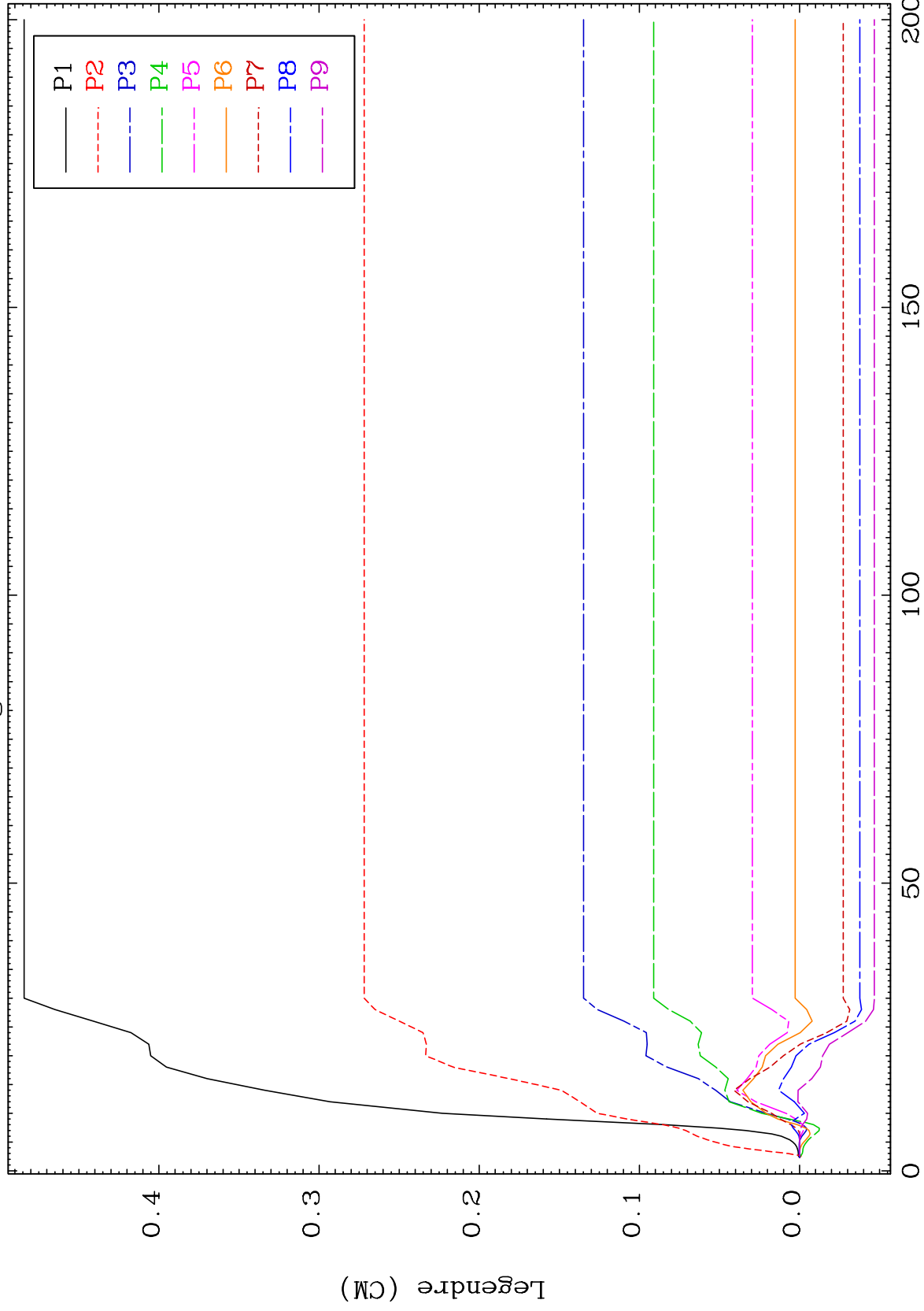




MAT 5073

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

50-Sn-128



39

Incident Energy (MeV)

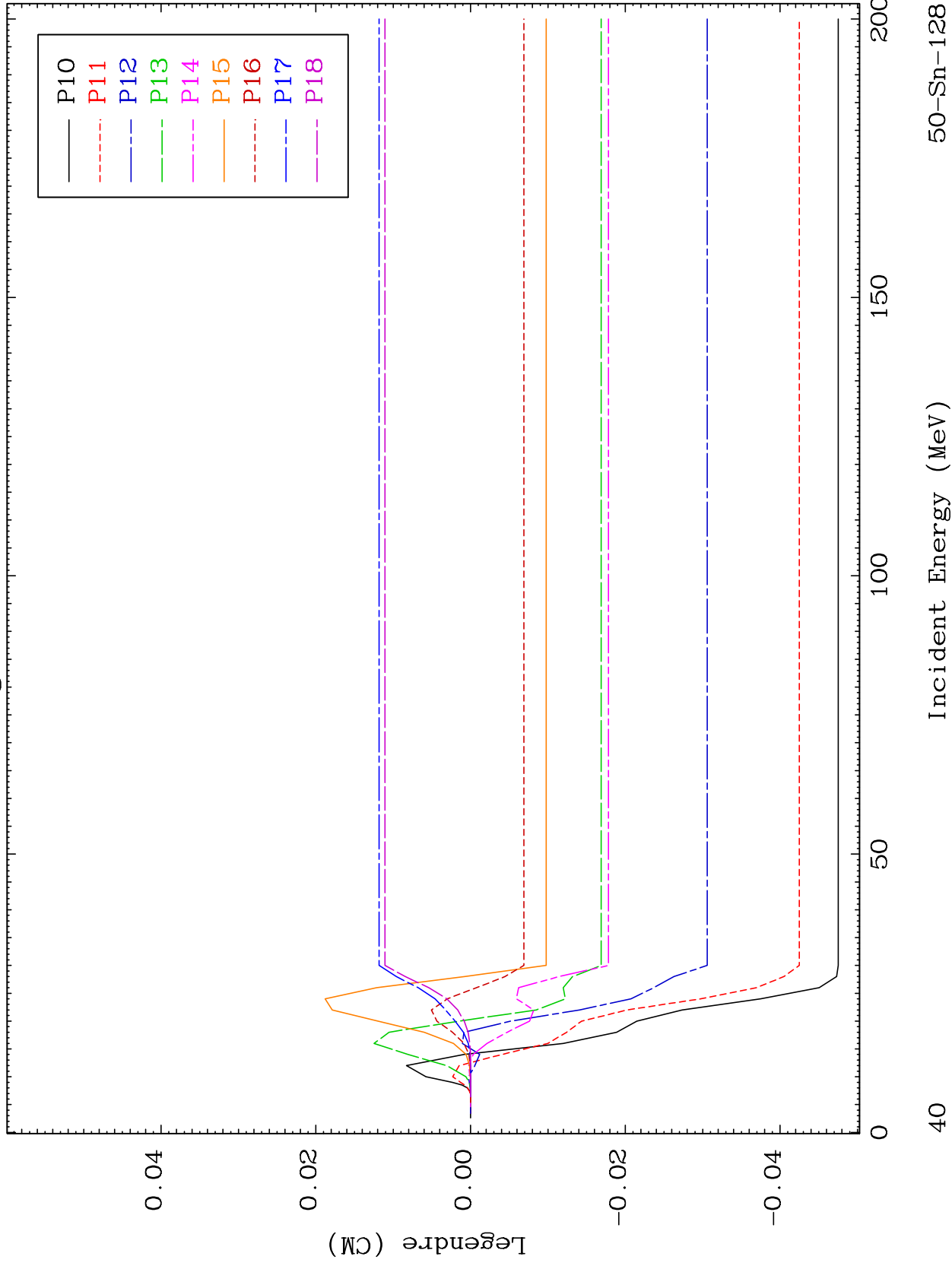
50-Sn-128



MAT 5073

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

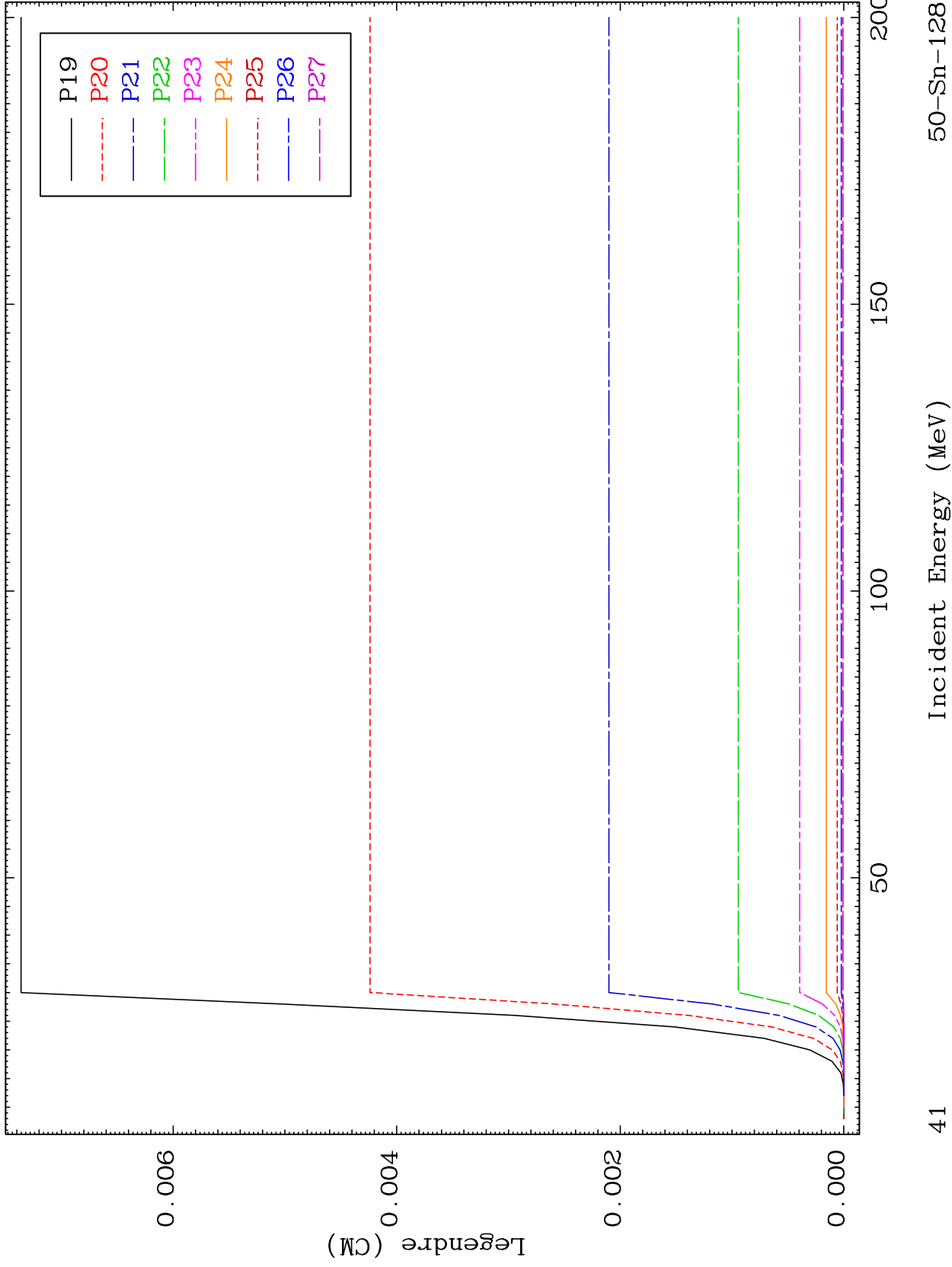
50-Sn-128

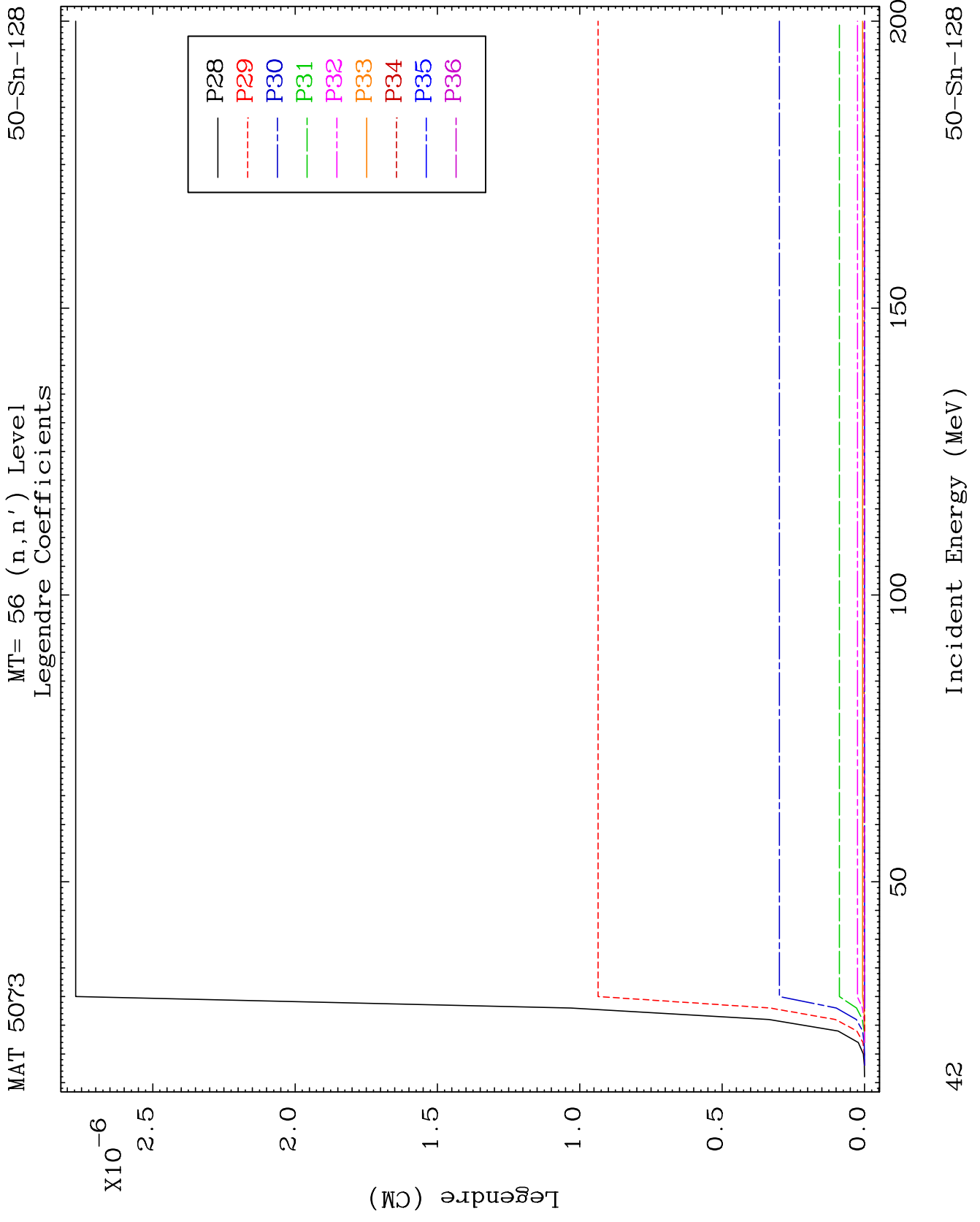


MAT 5073

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

50-Sn-128

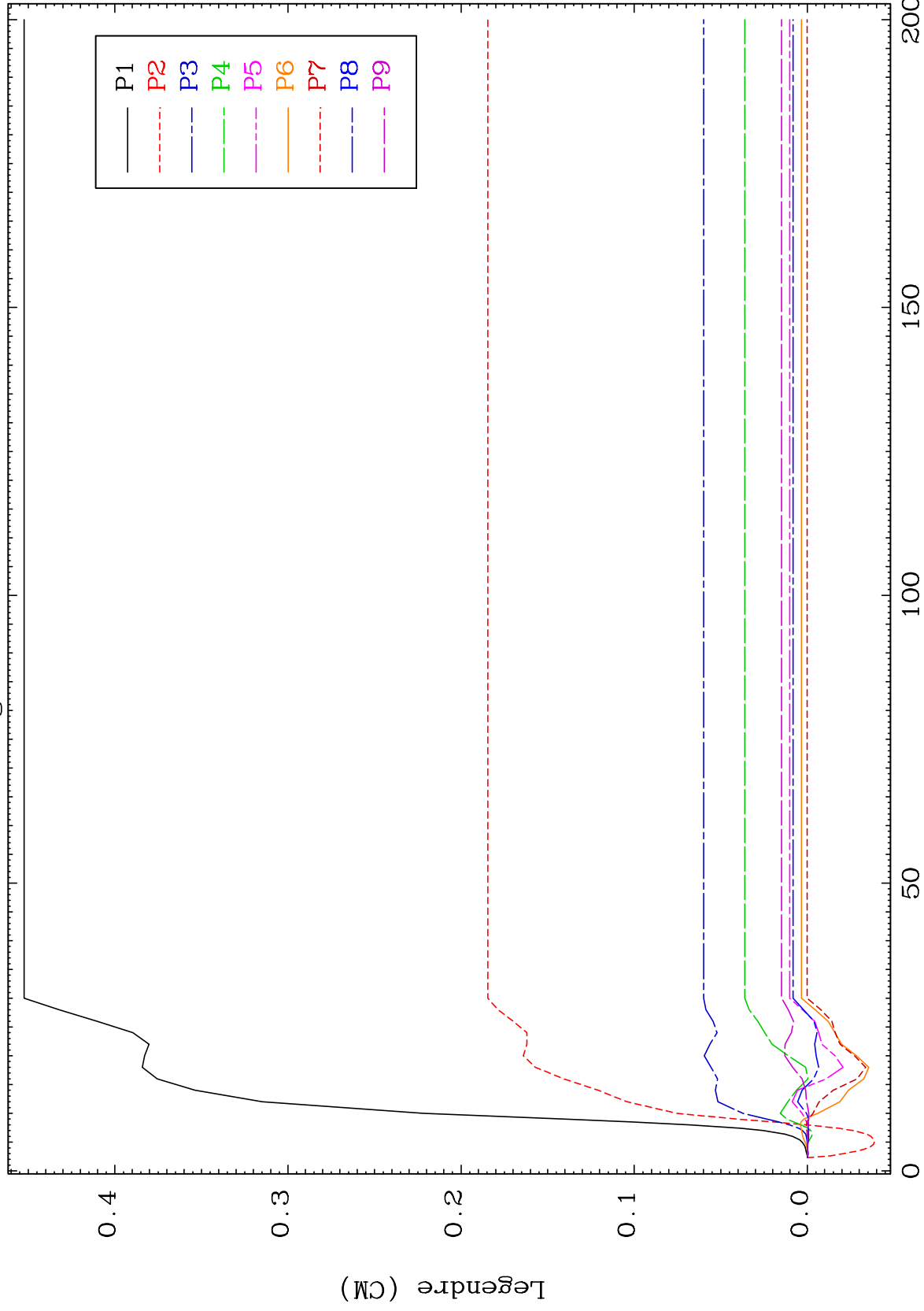




MAT 5073

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

50-Sn-128



50-Sn-128

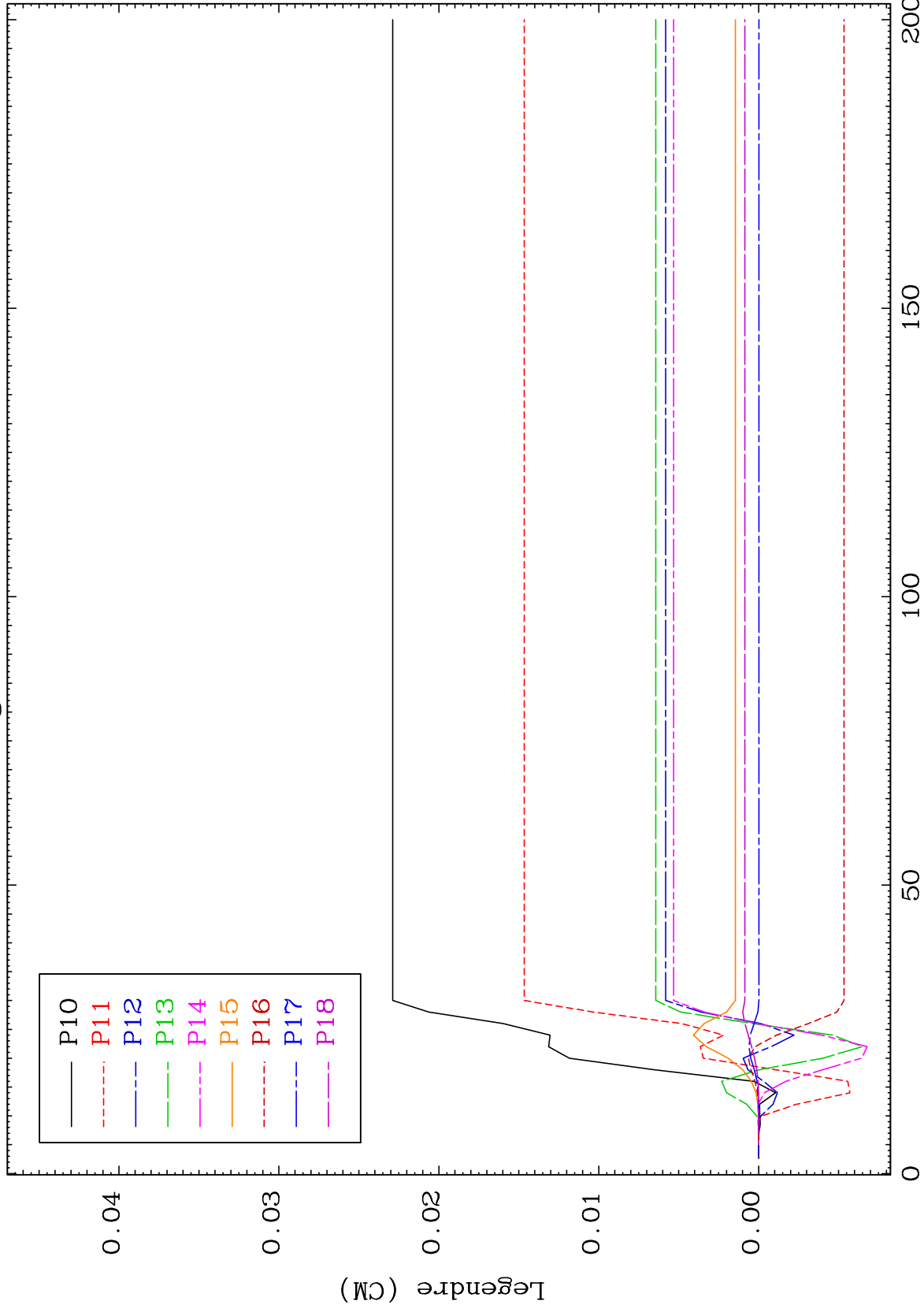
Incident Energy (MeV)

43

MAT 5073

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

50-Sn-128



44

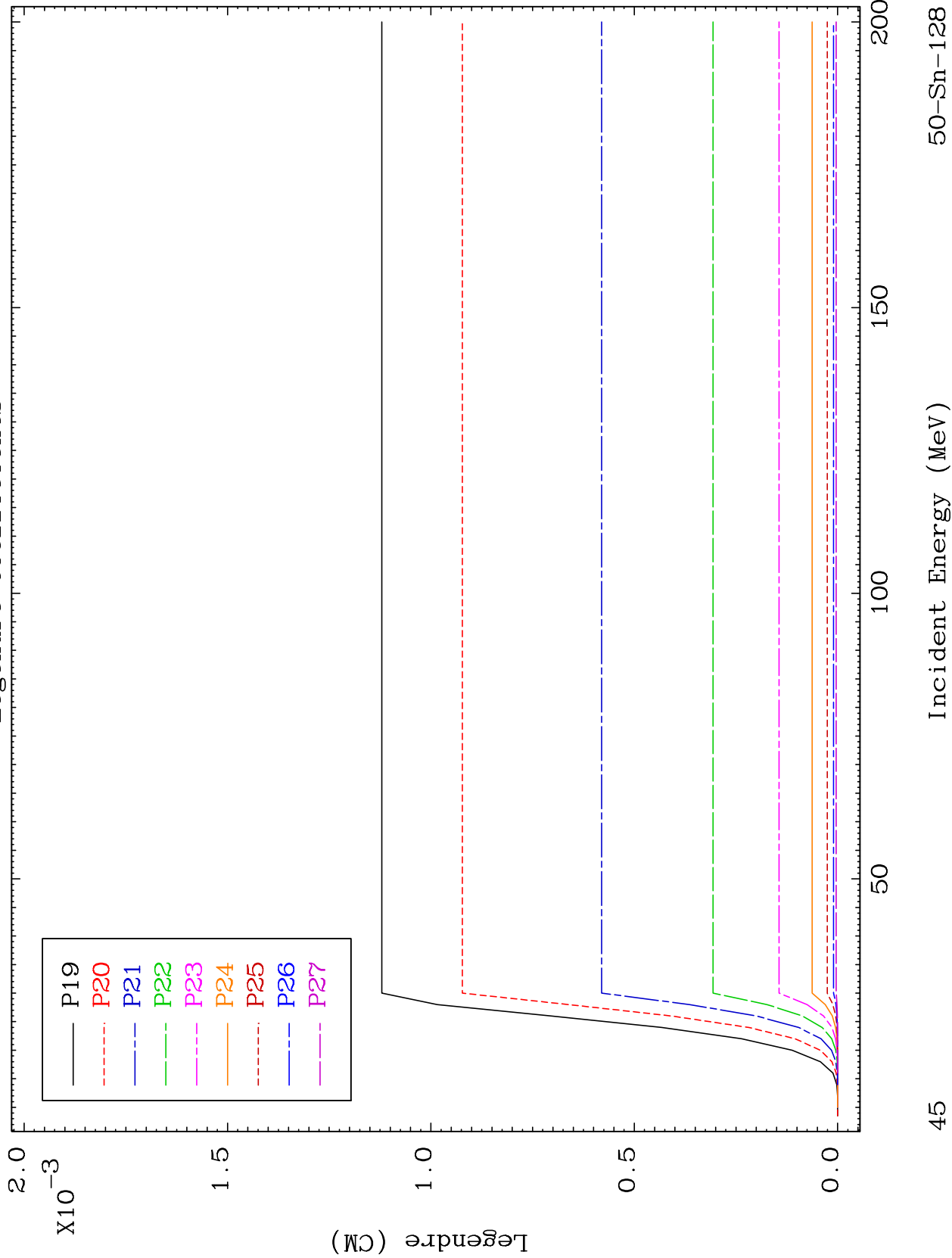
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

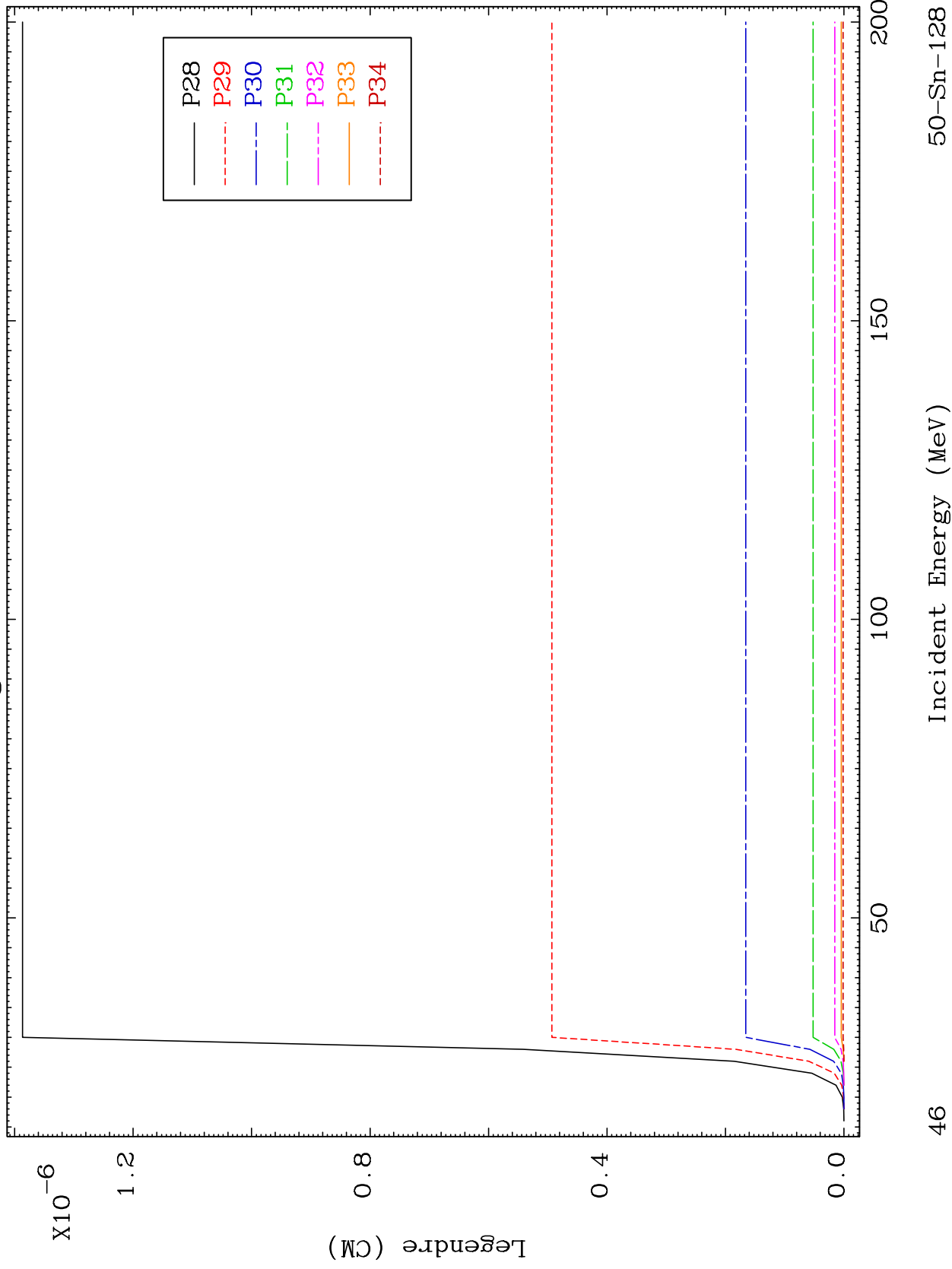
50-Sn-128



MAT 5073

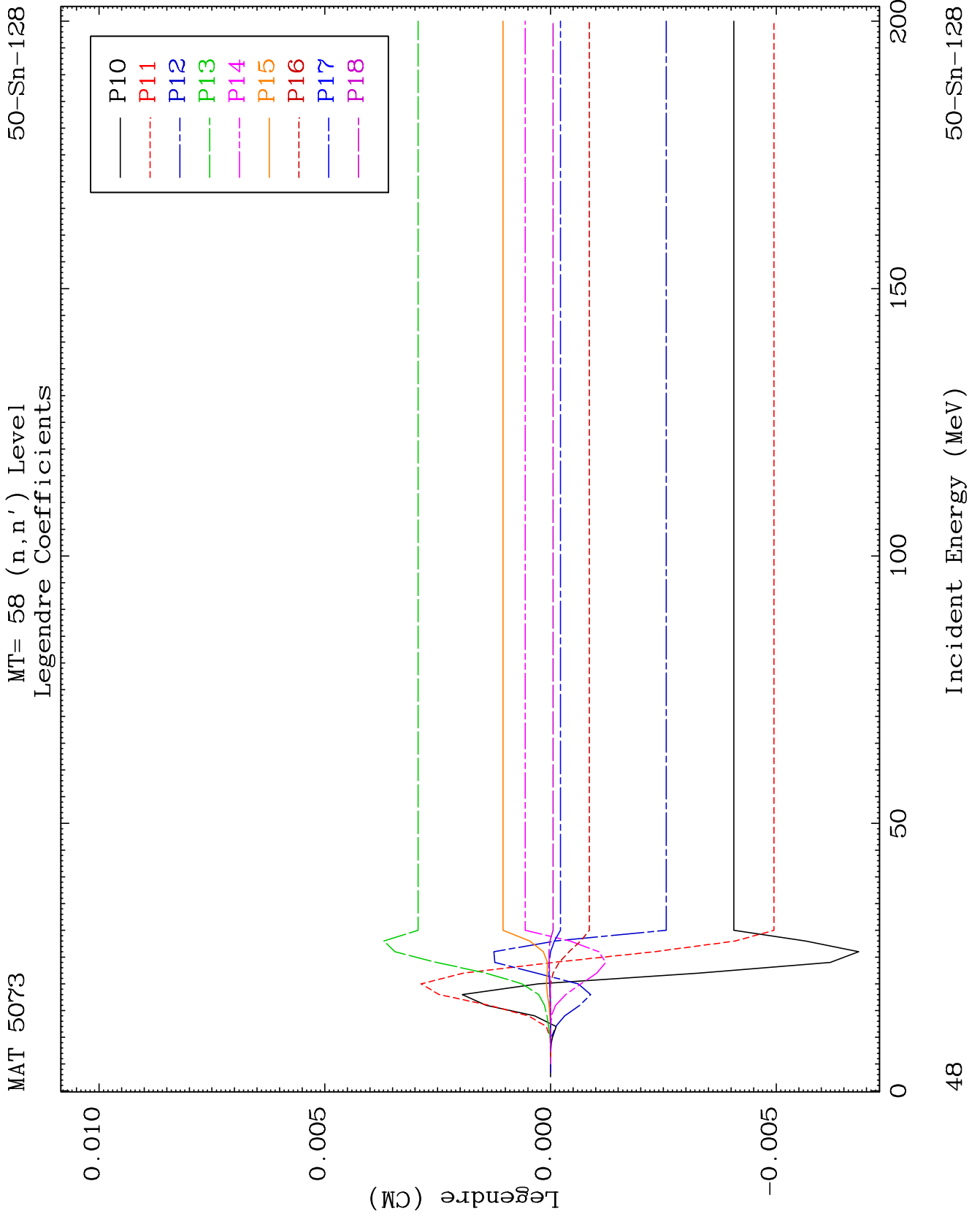
MT= 57 (n,n') Level  
Legendre Coefficients

50-Sn-128





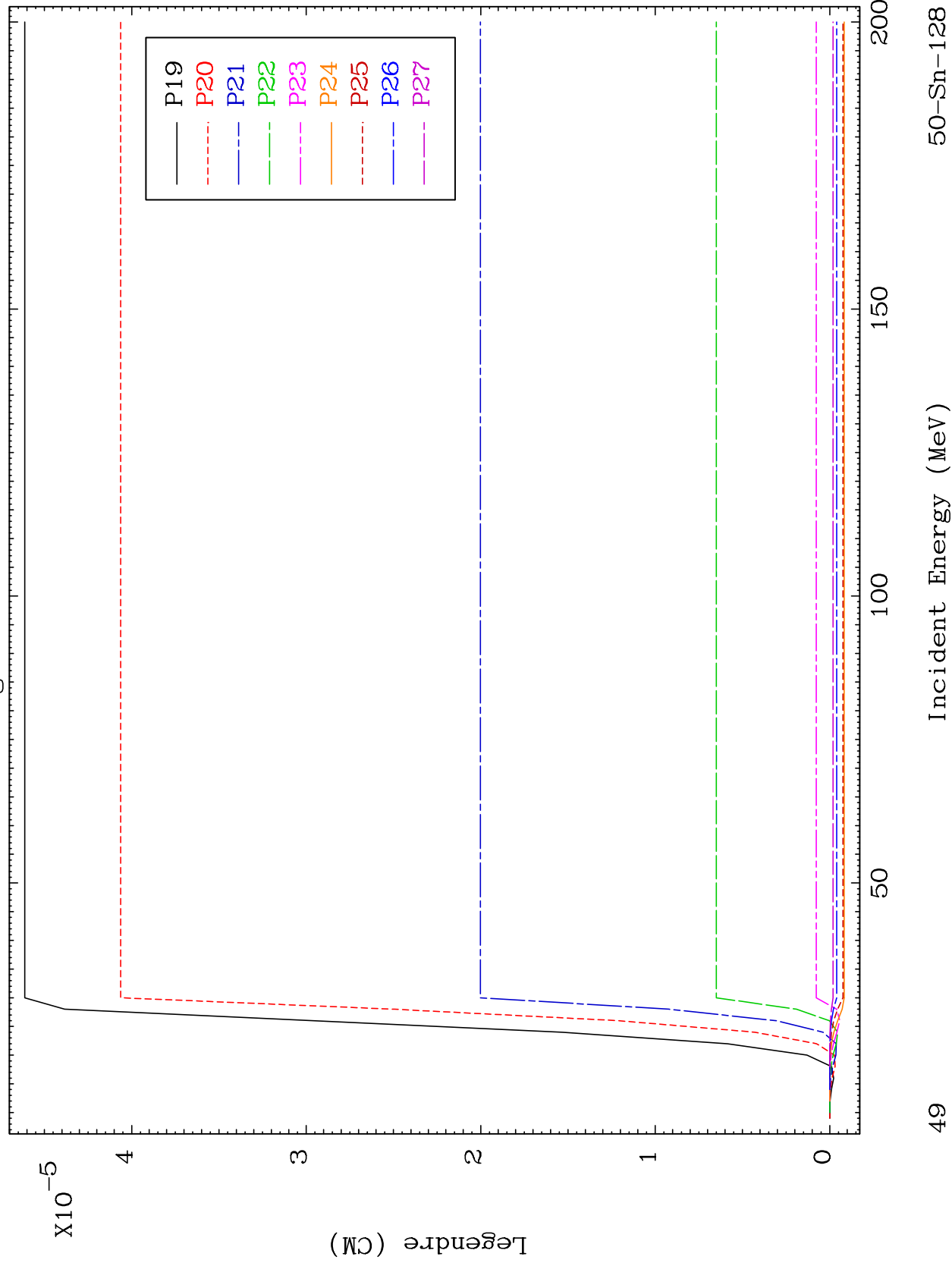




MAT 5073

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

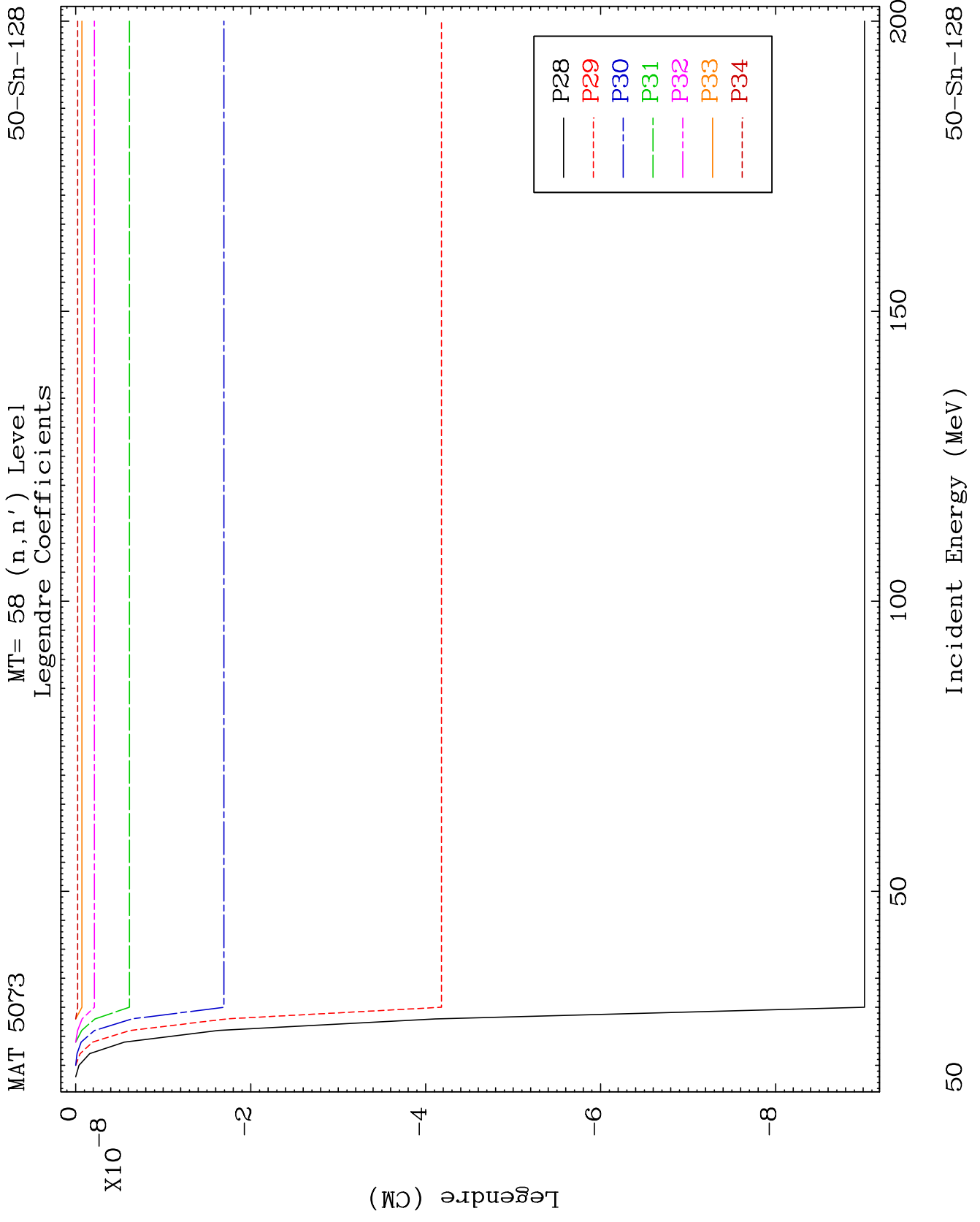
50-Sn-128



49

Incident Energy (MeV)

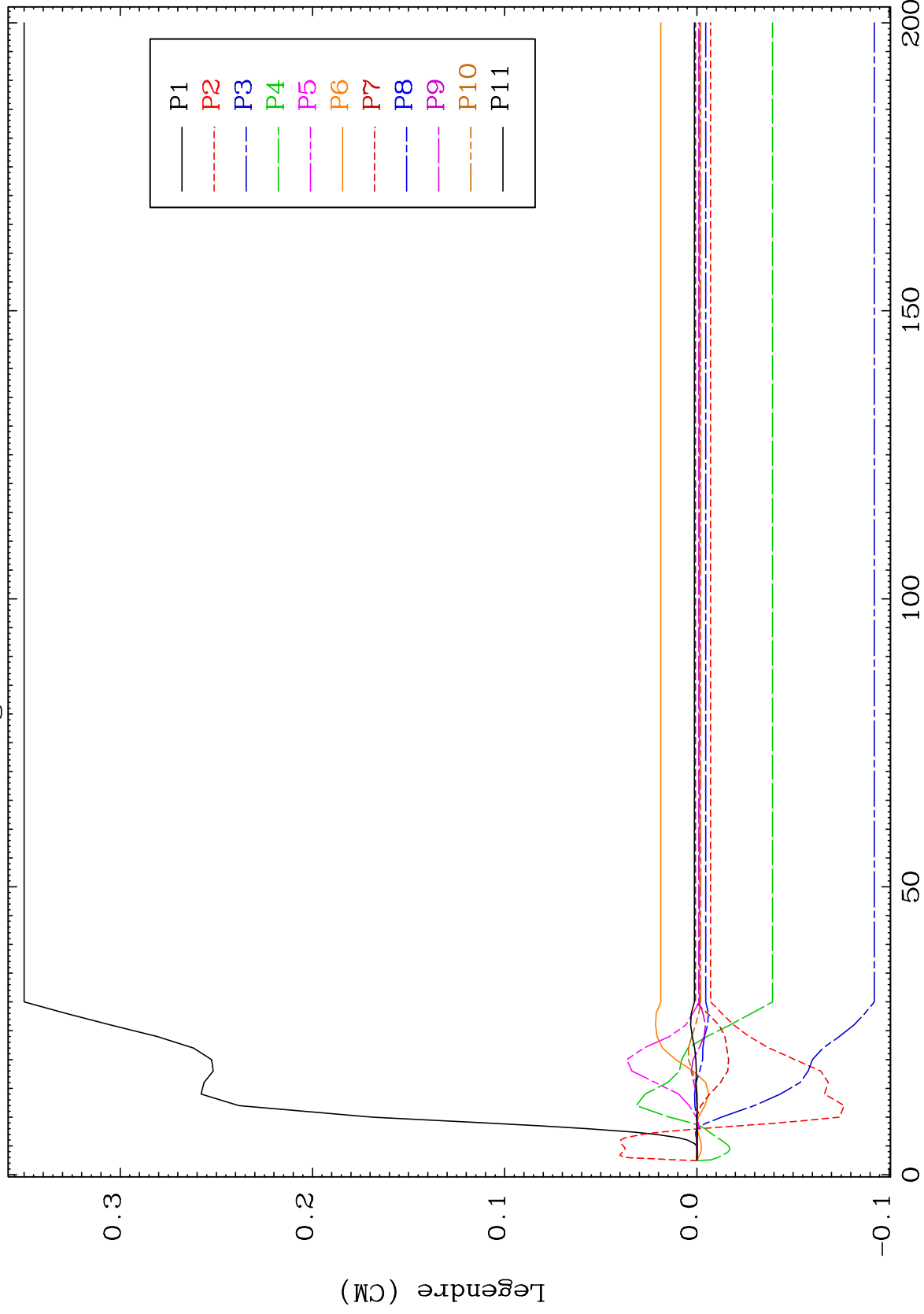
50-Sn-128



MAT 5073

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

50-Sn-128



51

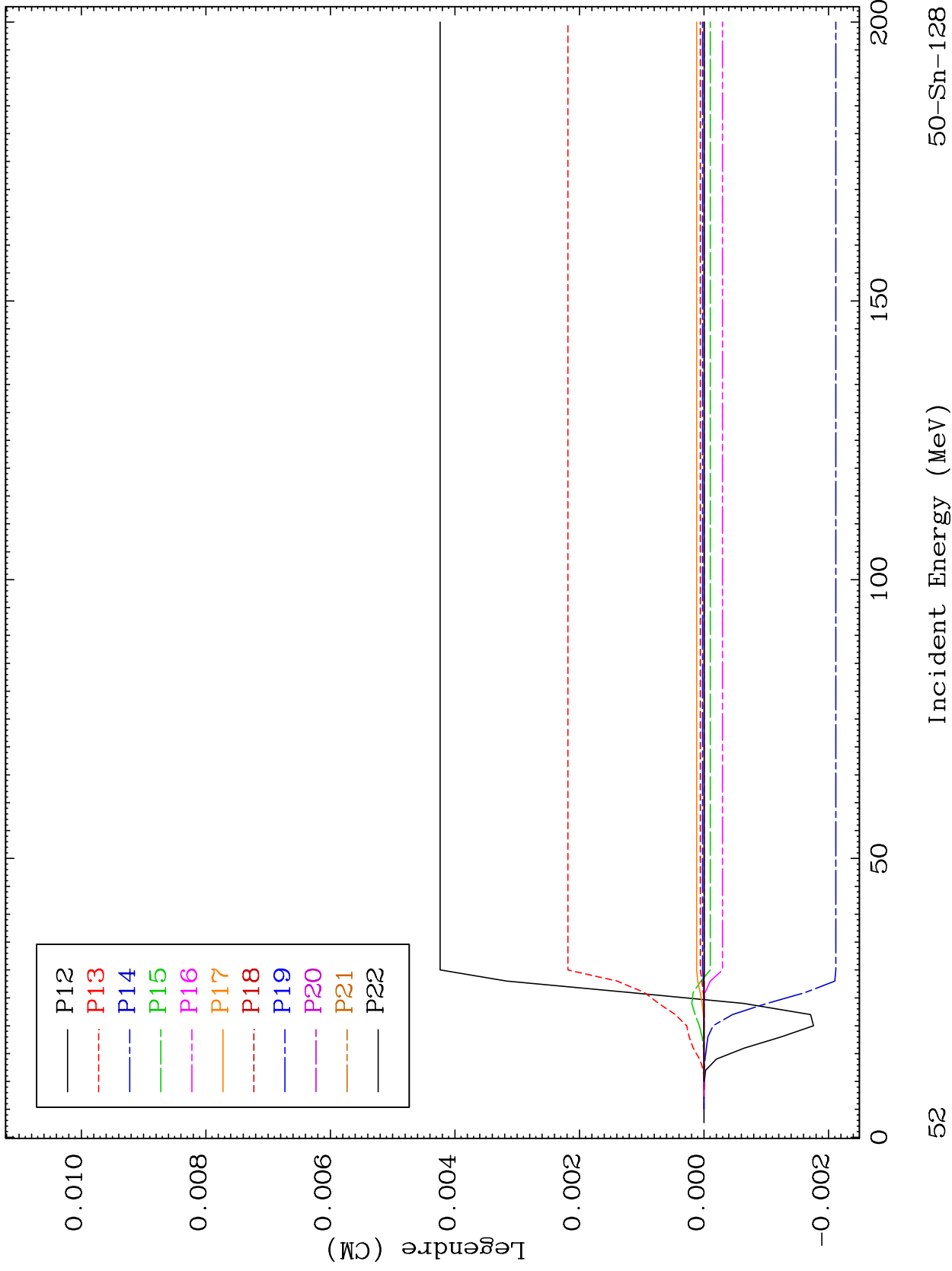
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

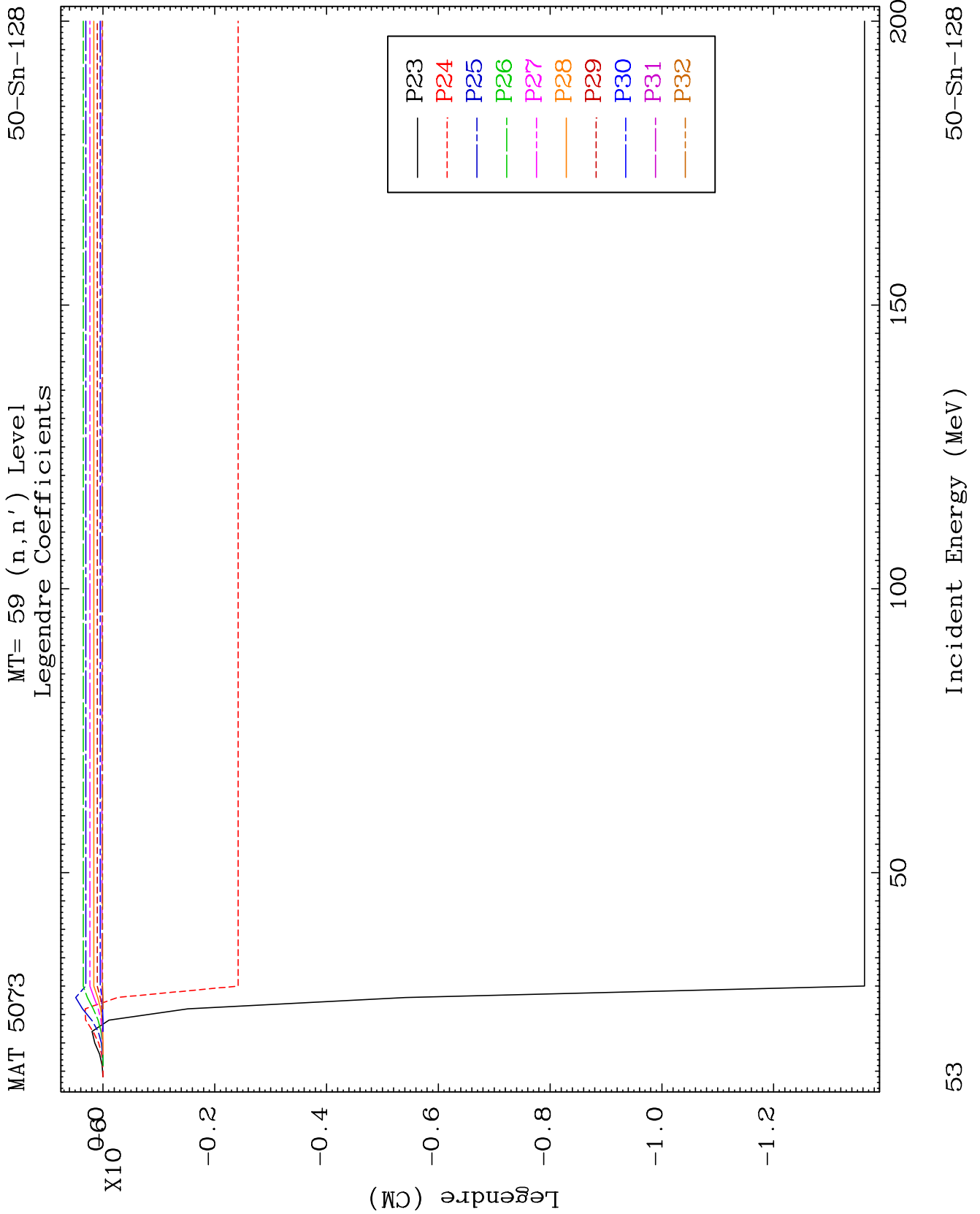
50-Sn-128



52

Incident Energy (MeV)

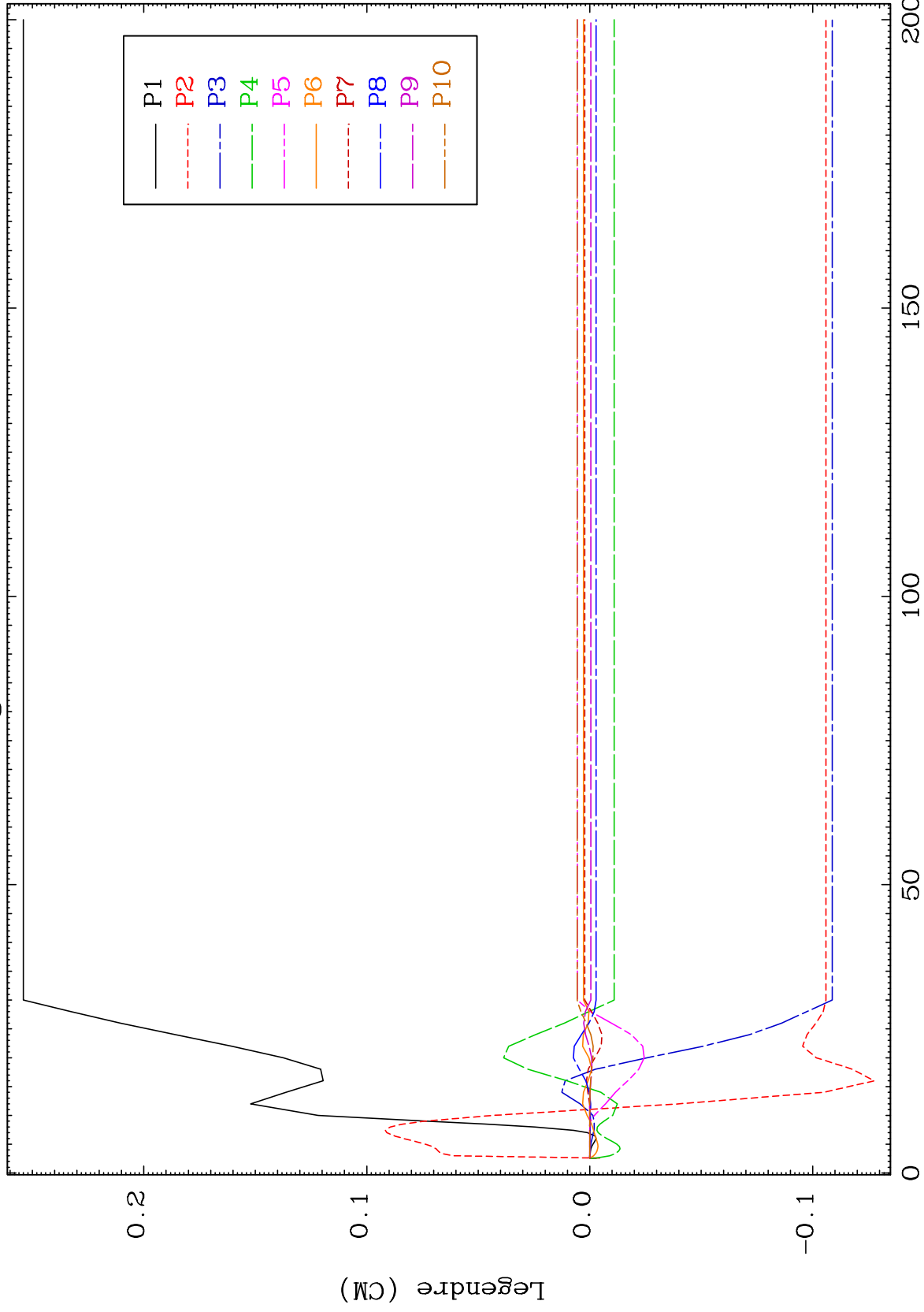
50-Sn-128



MAT 5073

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

50-Sn-128



54

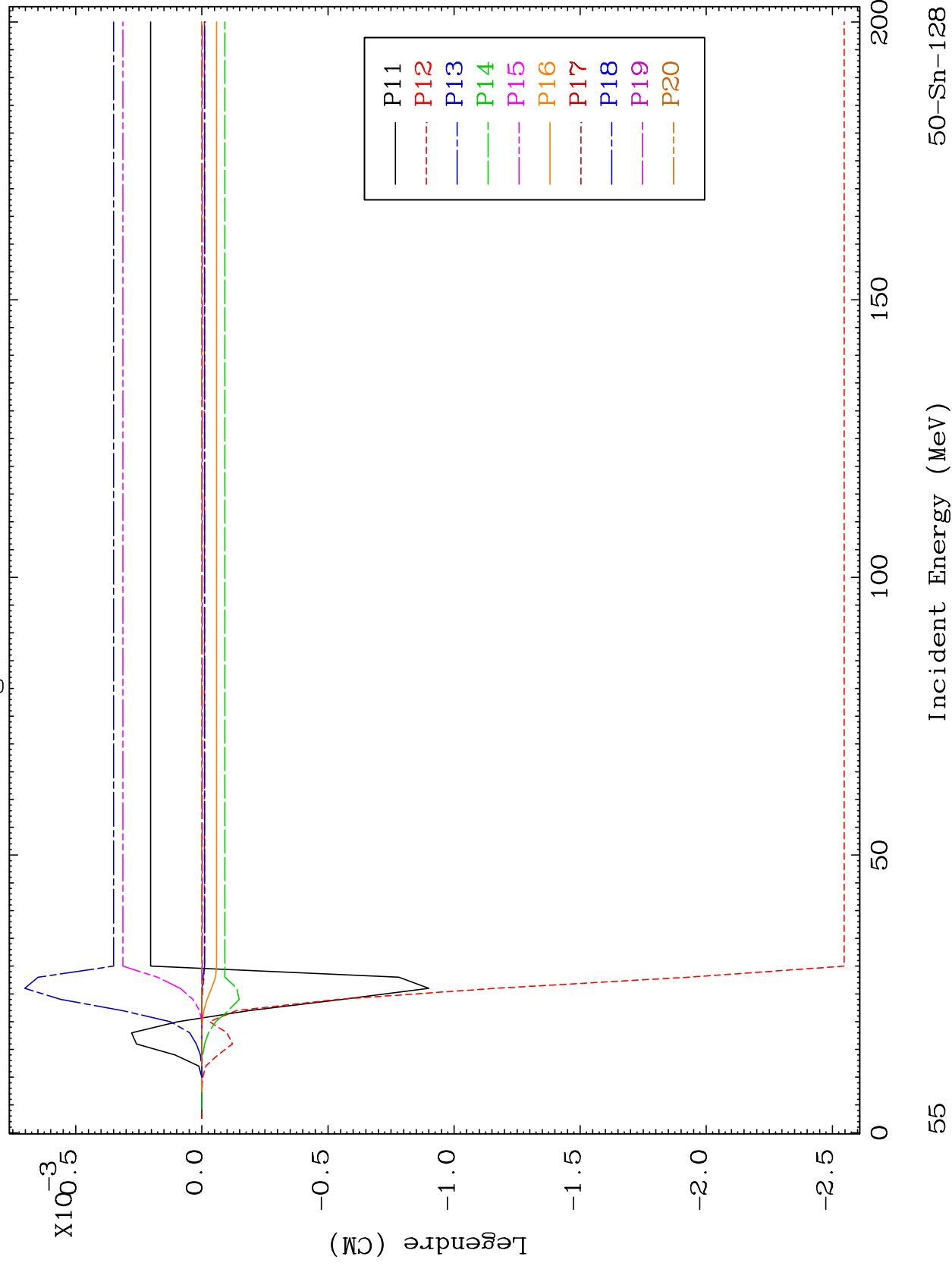
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



55

Incident Energy (MeV)

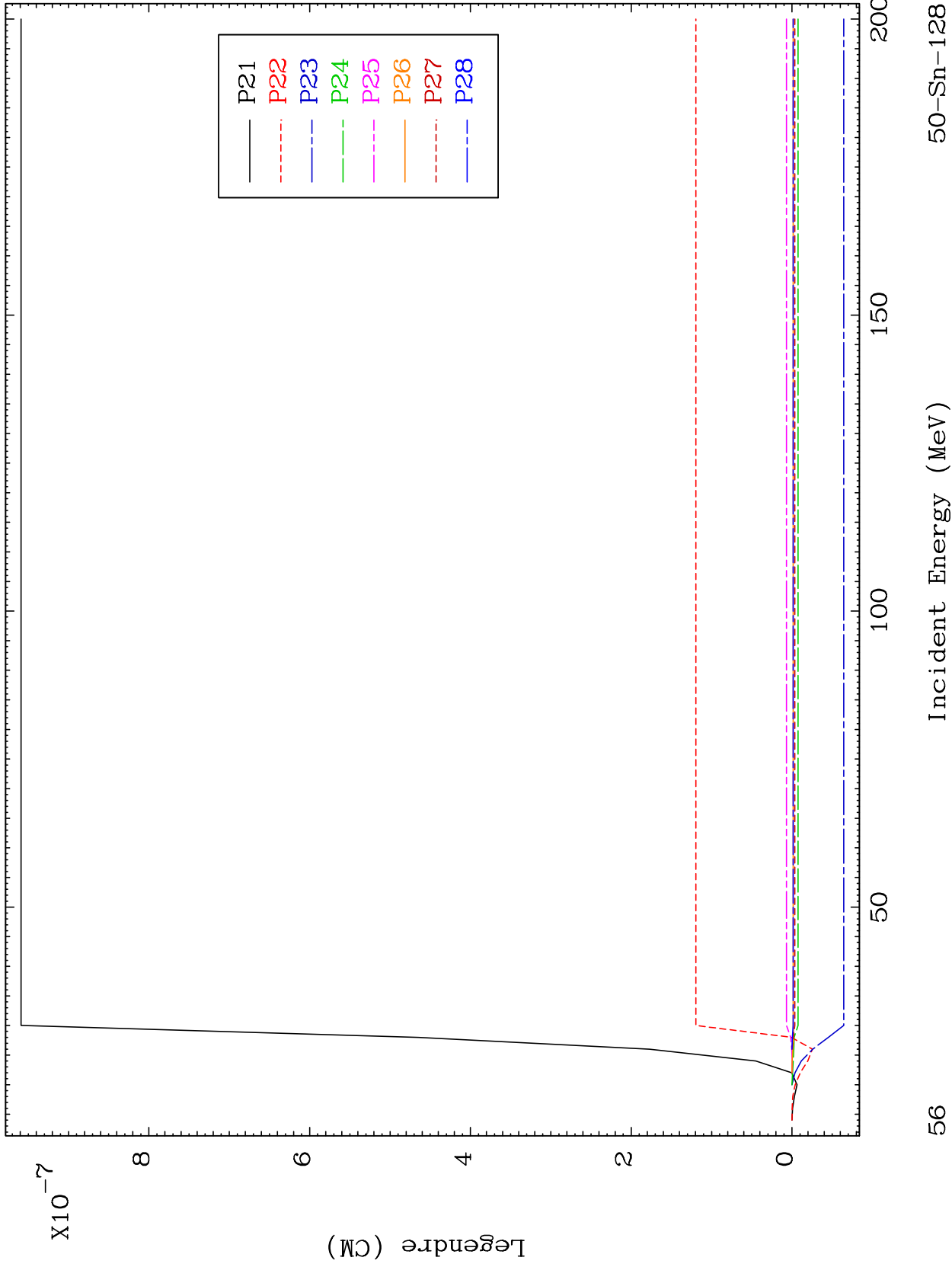
50-Sn-128



MAT 5073

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

50-Sn-128

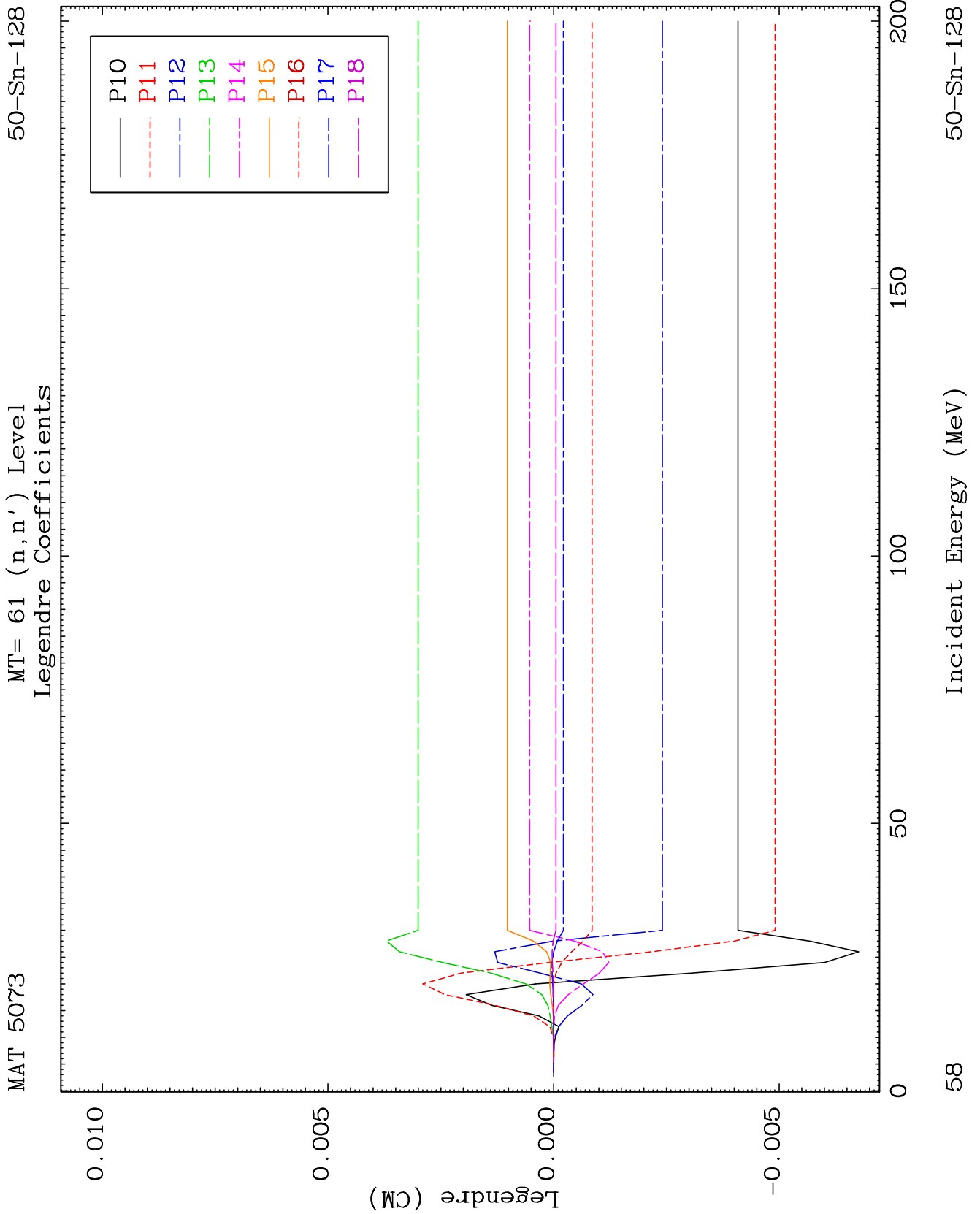


50-Sn-128

Incident Energy (MeV)

56

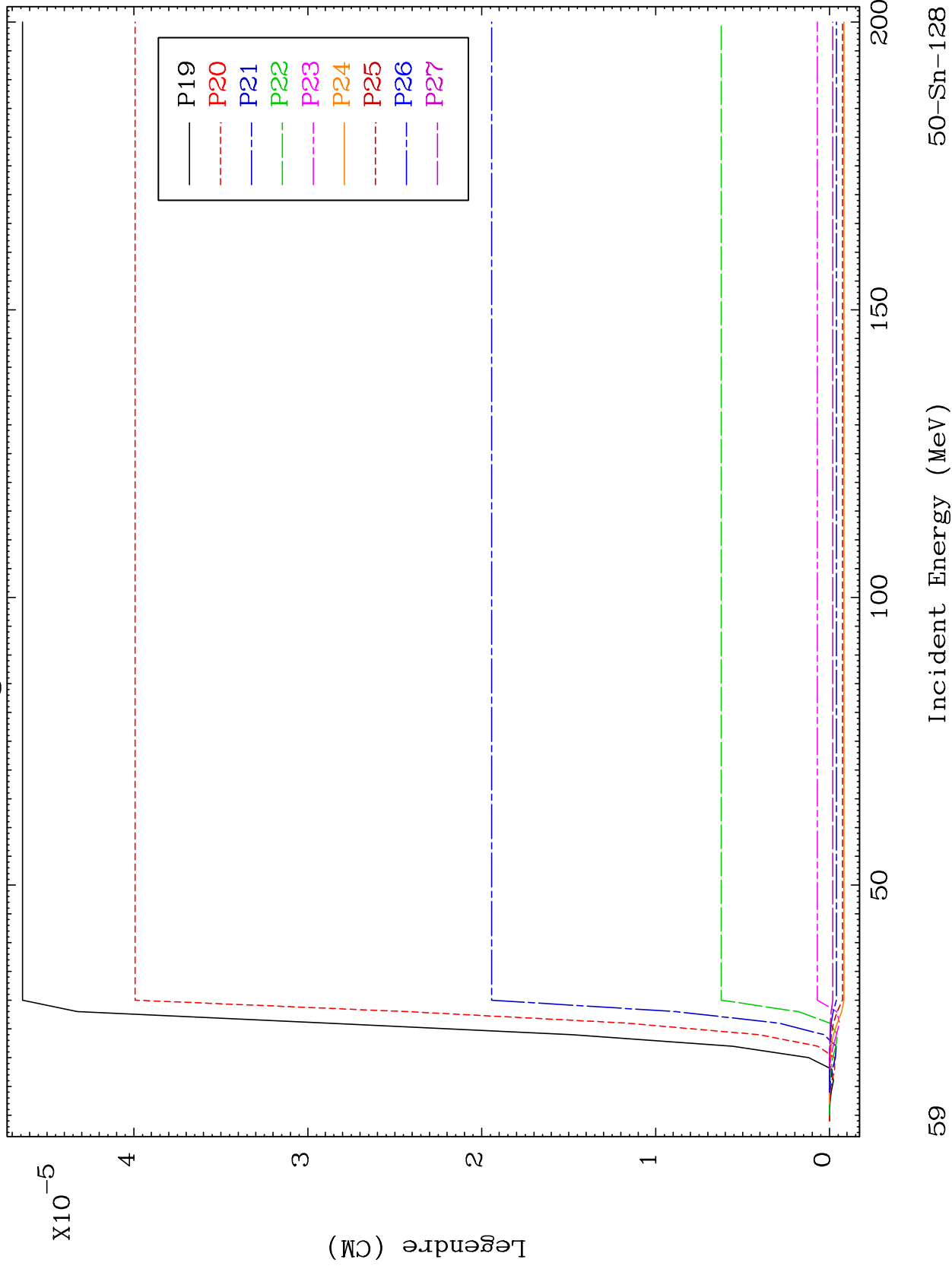




MAT 5073

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

50-Sn-128



59

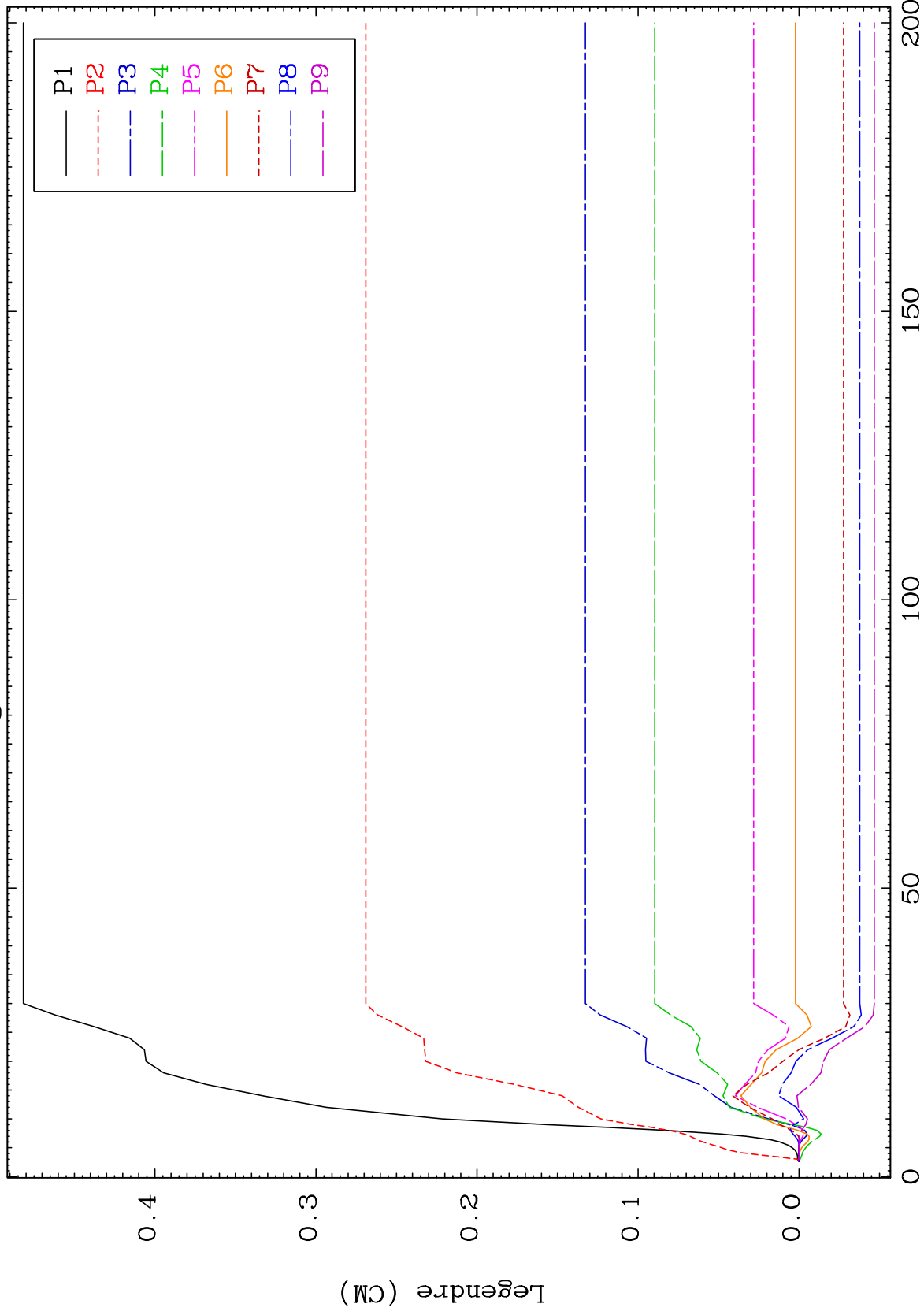
50-Sn-128



MAT 5073

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

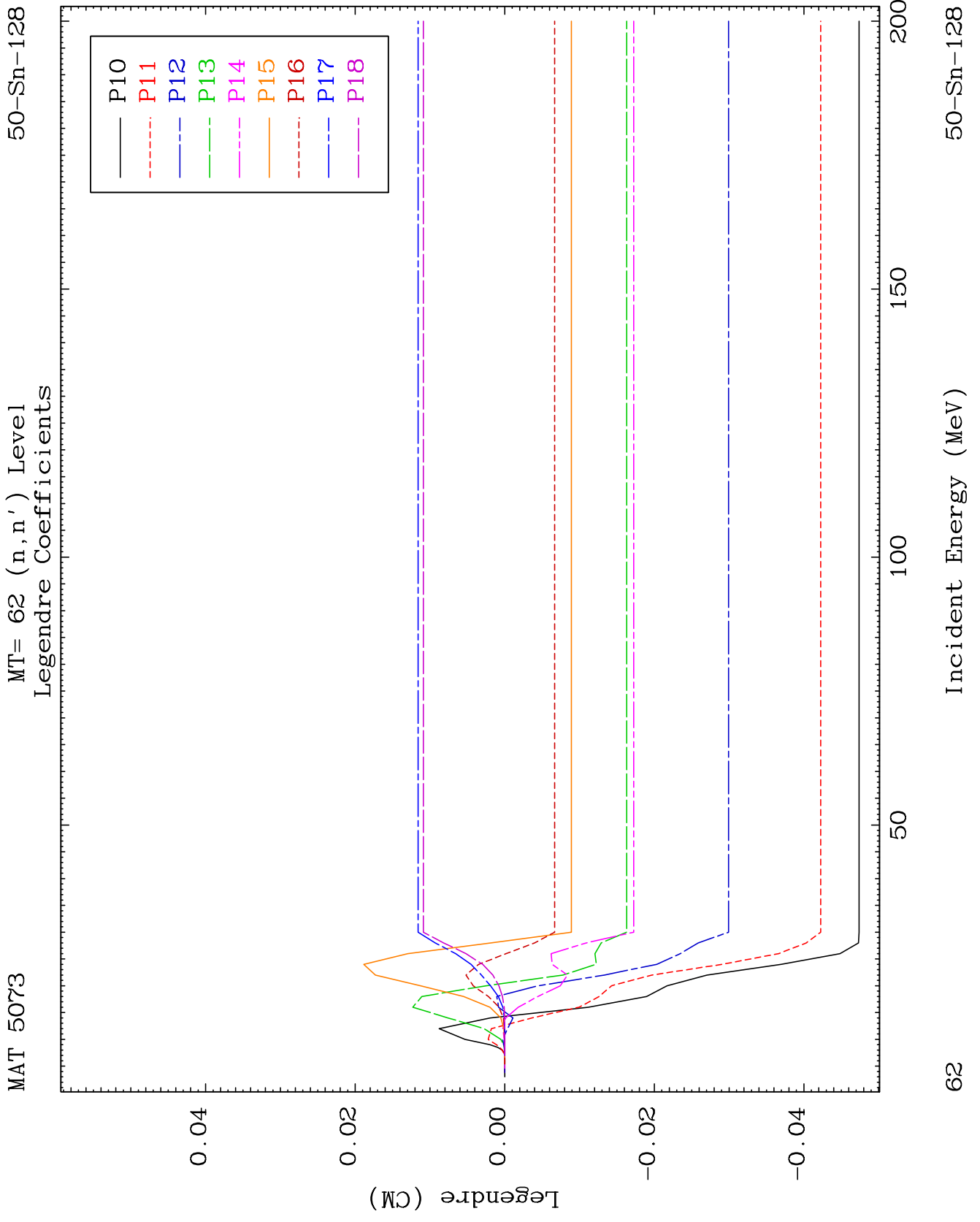
50-Sn-128



61

Incident Energy (MeV)

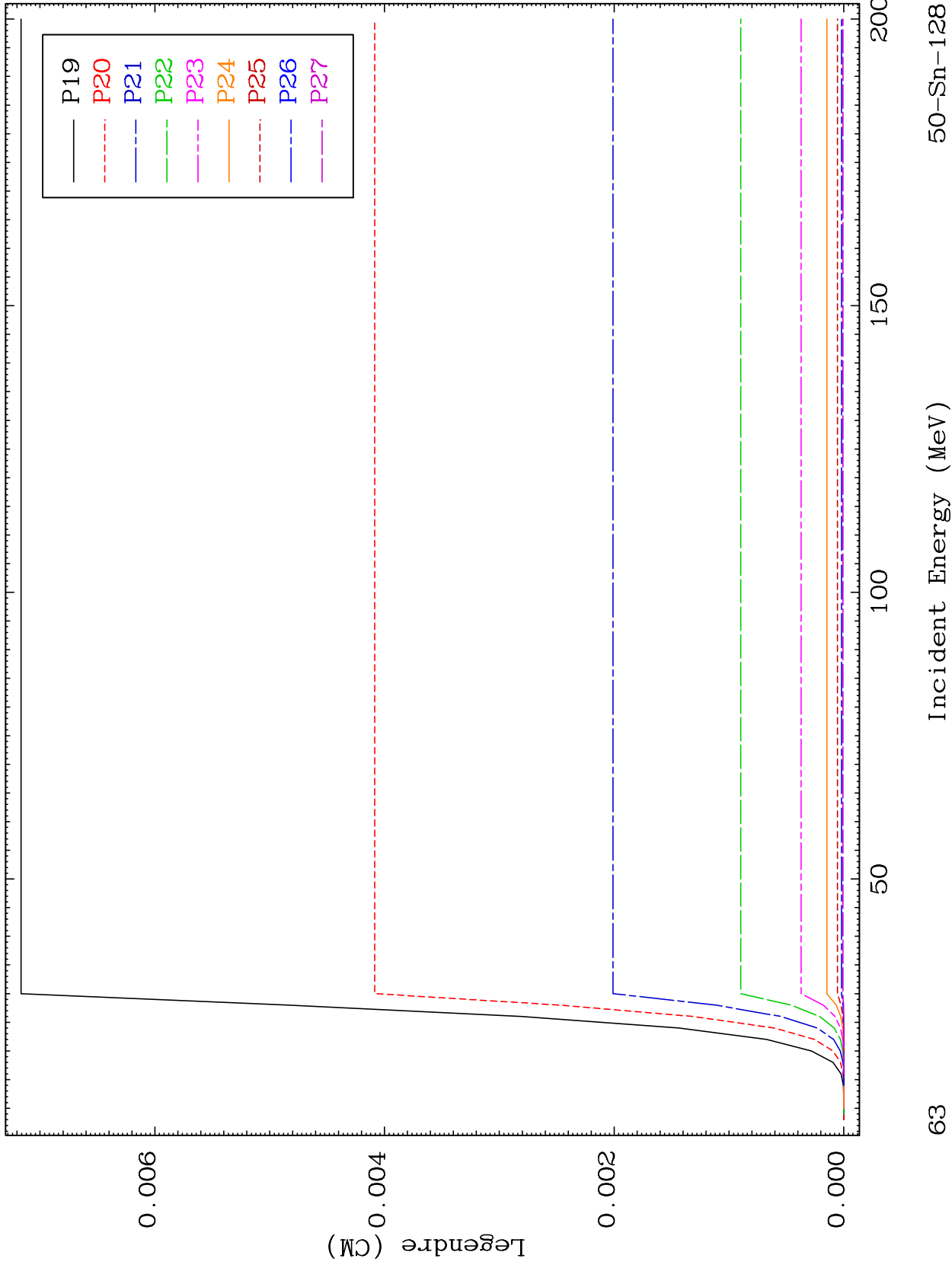
50-Sn-128



MAT 5073

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

50-Sn-128



63

Incident Energy (MeV)

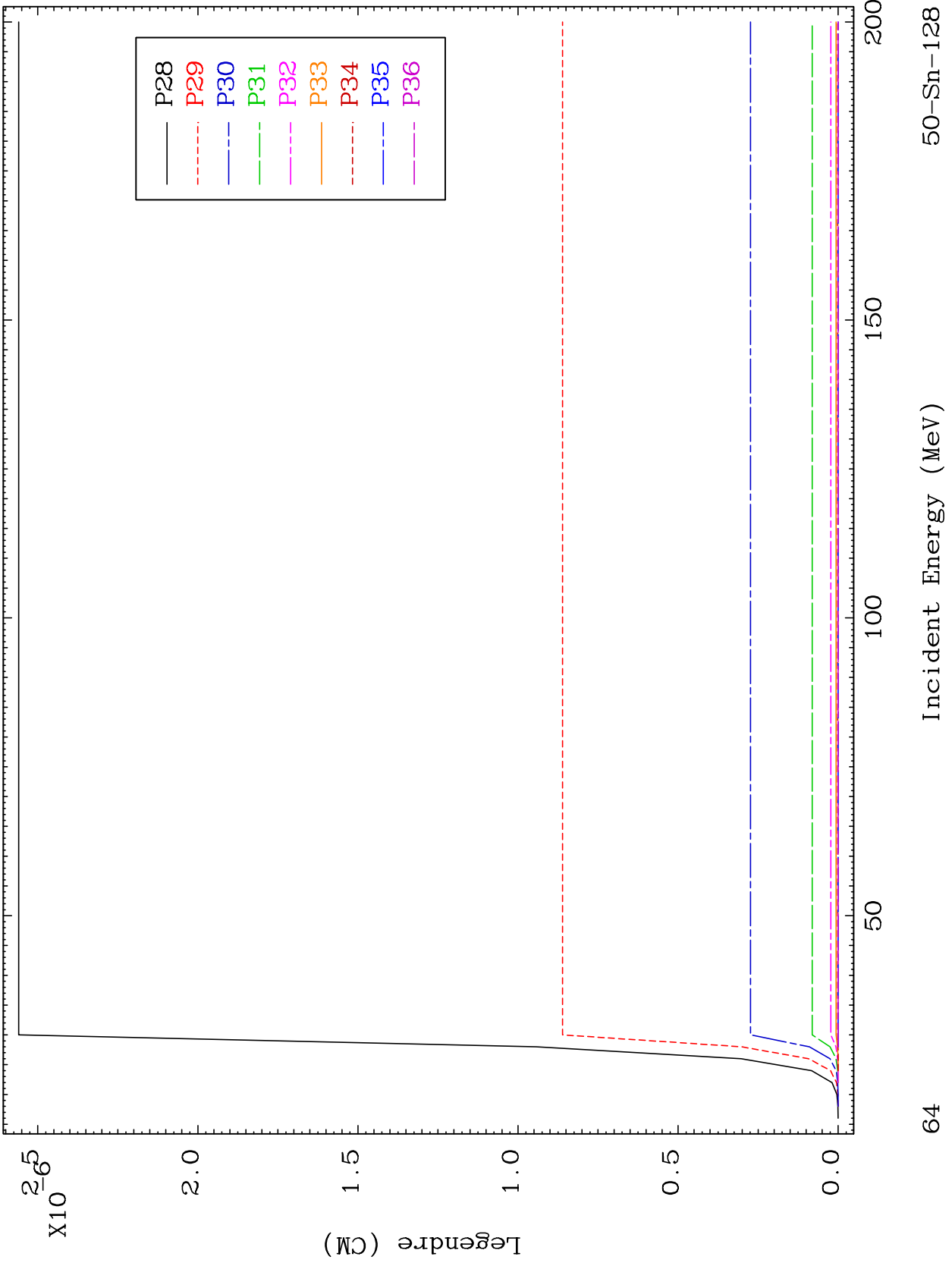
50-Sn-128



MAT 5073

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

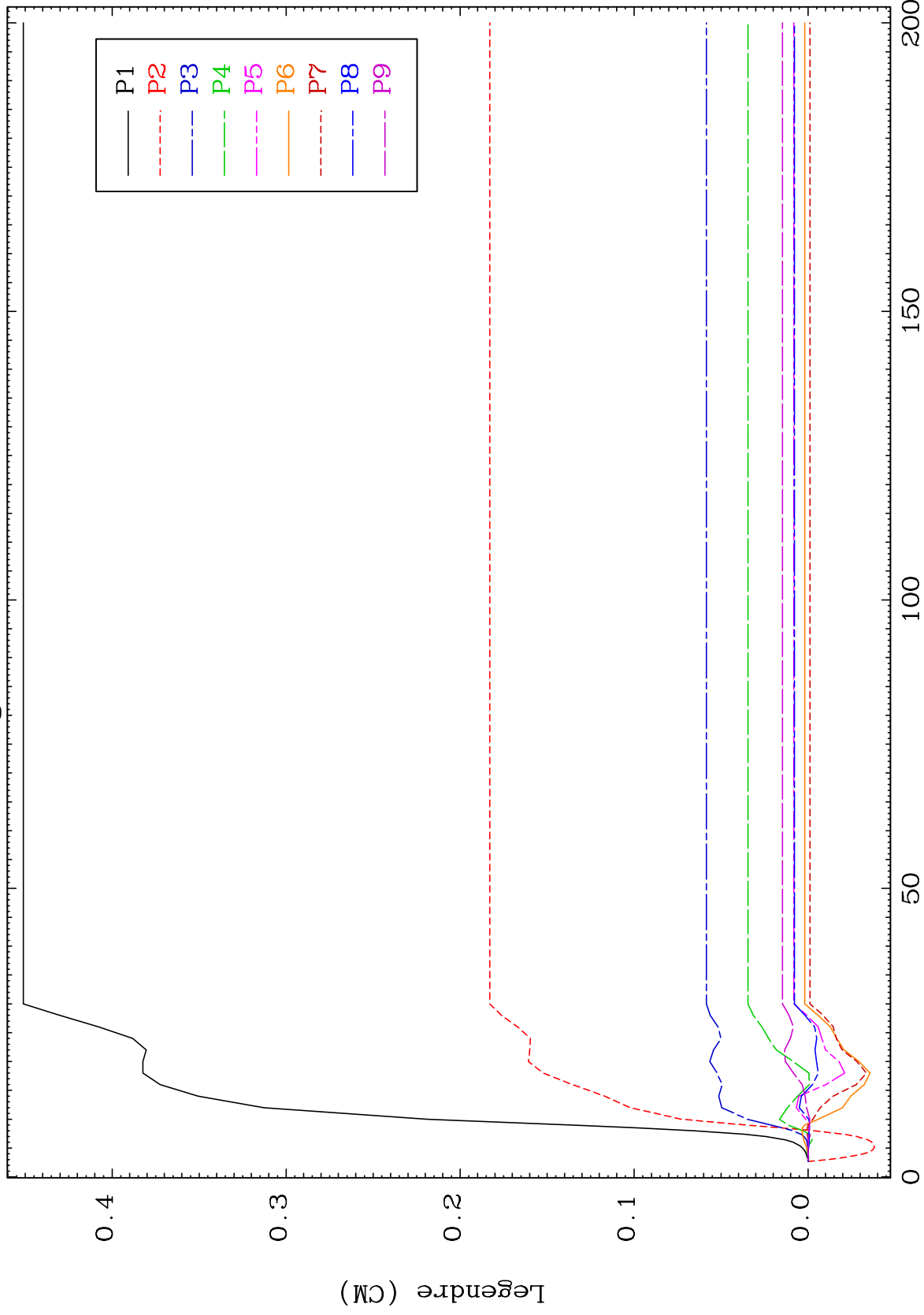
50-Sn-128



MAT 5073

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

50-Sn-128



50-Sn-128

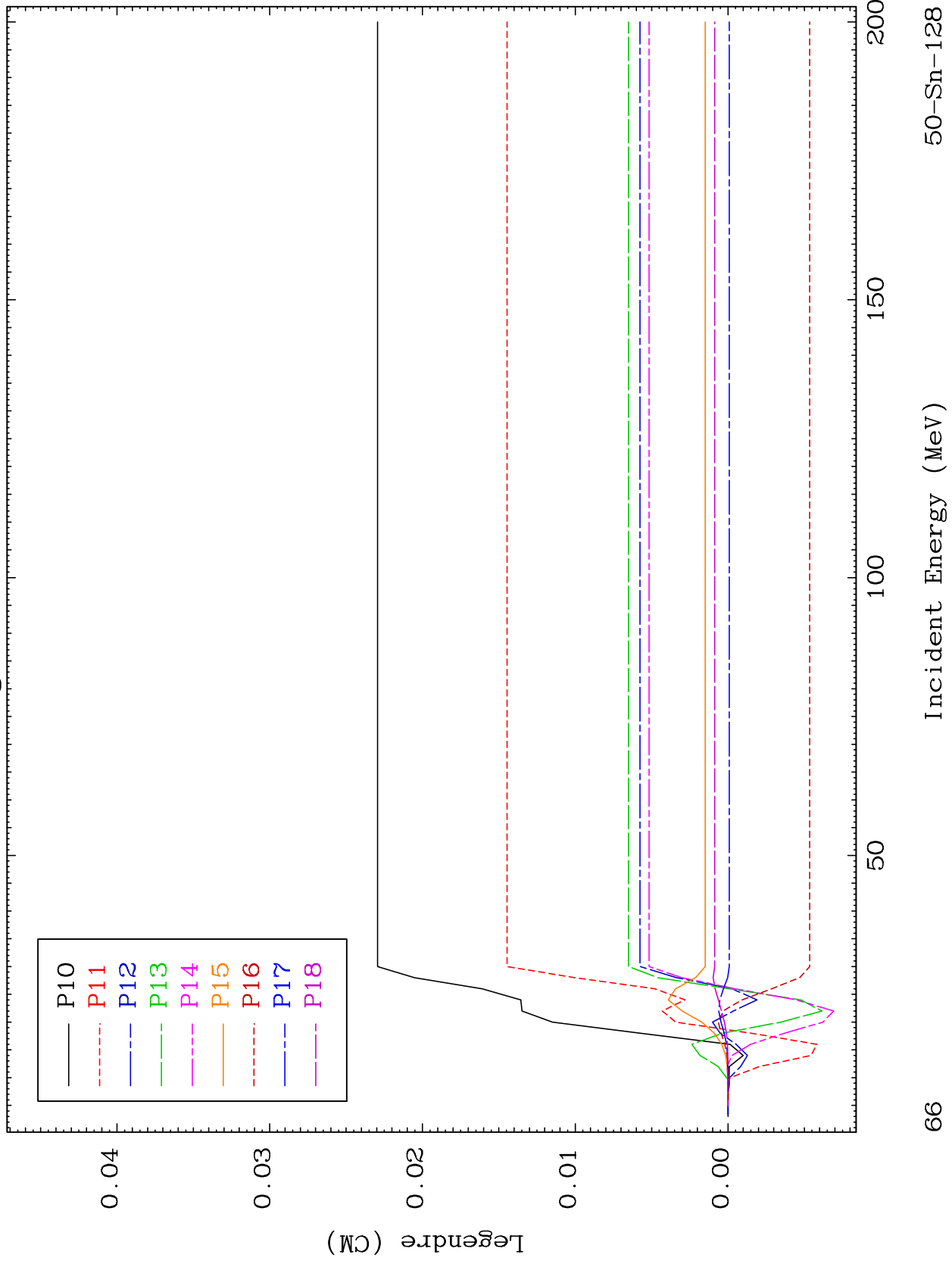
Incident Energy (MeV)

65

MAT 5073

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

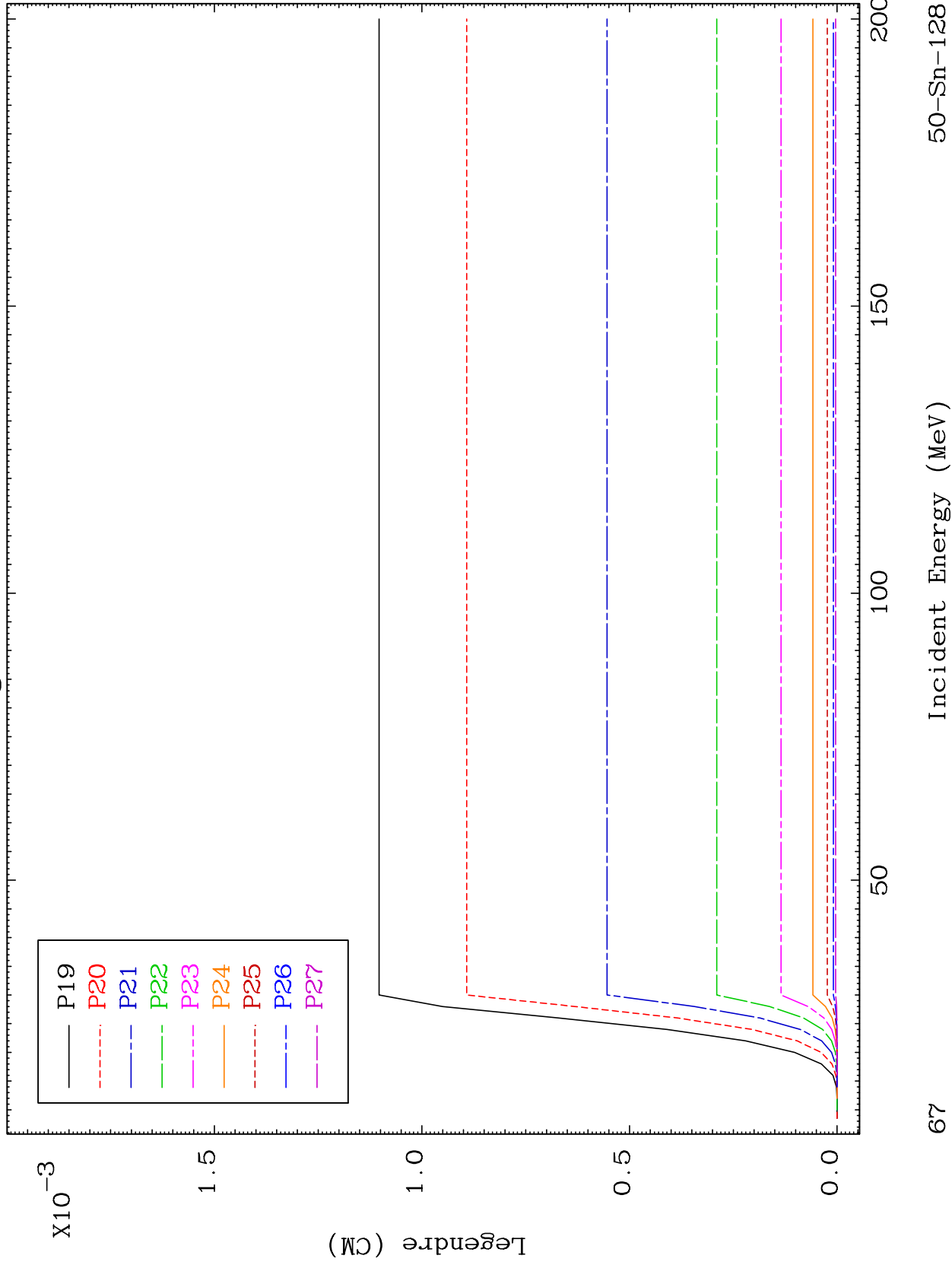
50-Sn-128

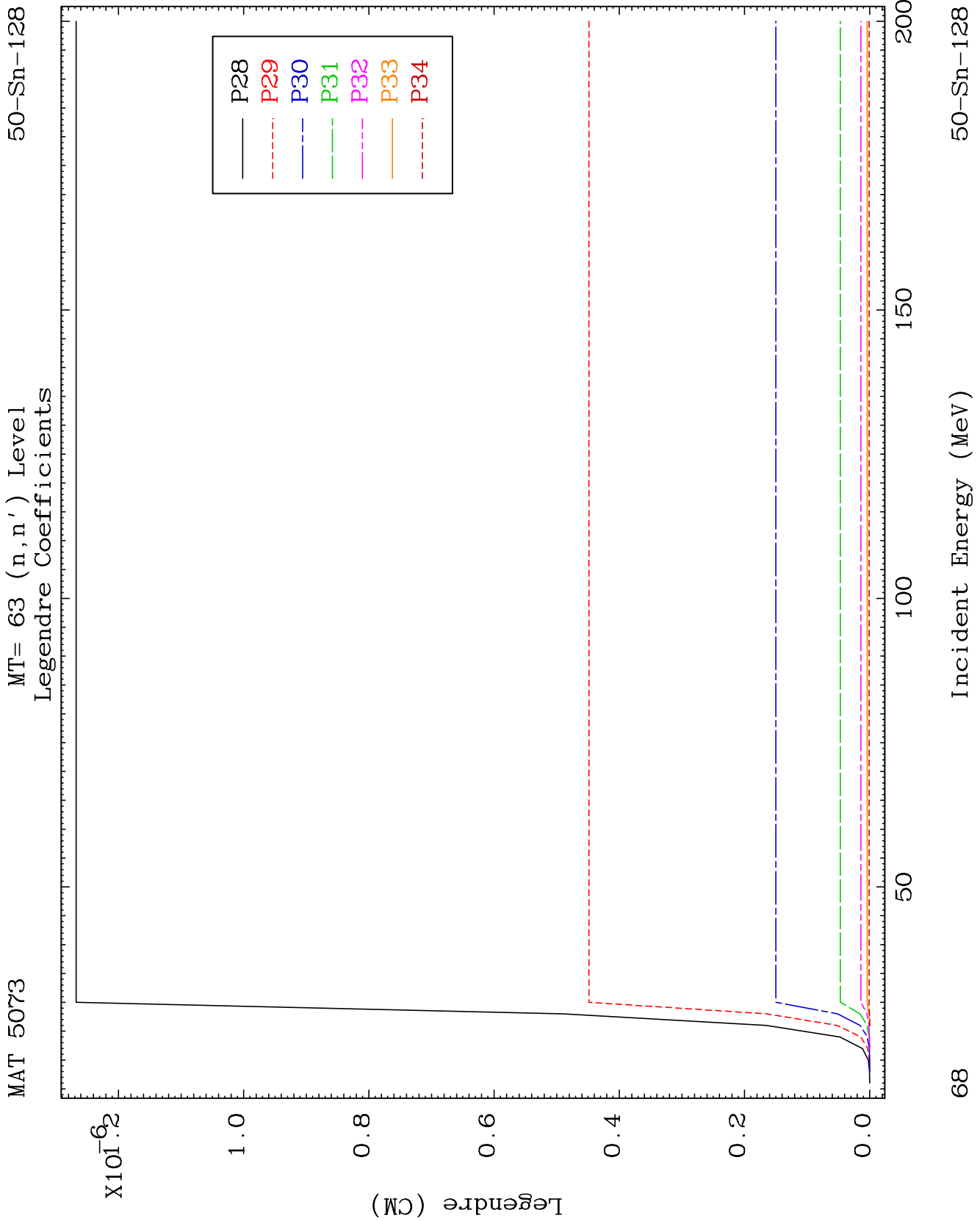


MAT 5073

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

50-Sn-128



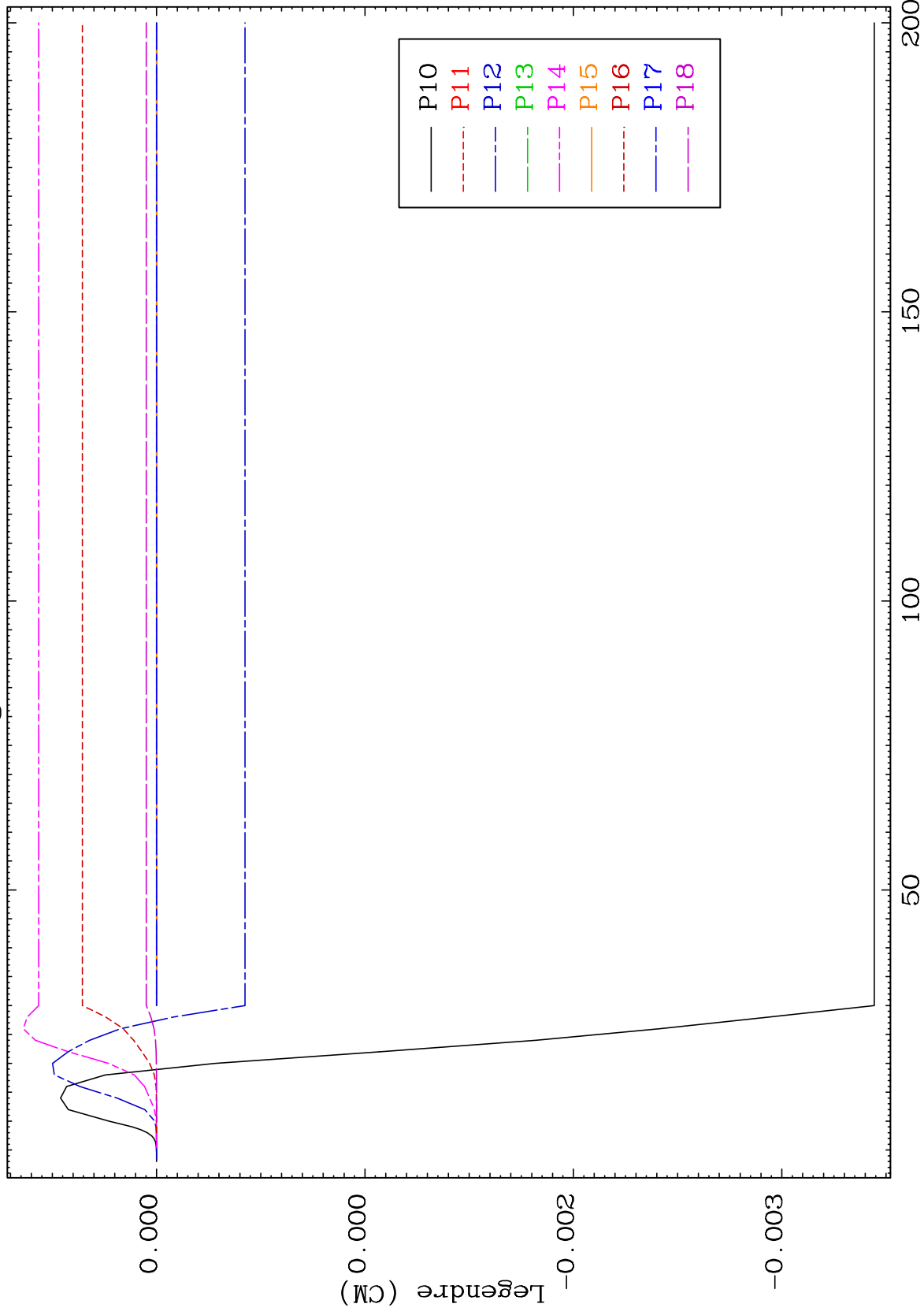




MAT 5073

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

50-Sn-128



70

Incident Energy (MeV)

50-Sn-128

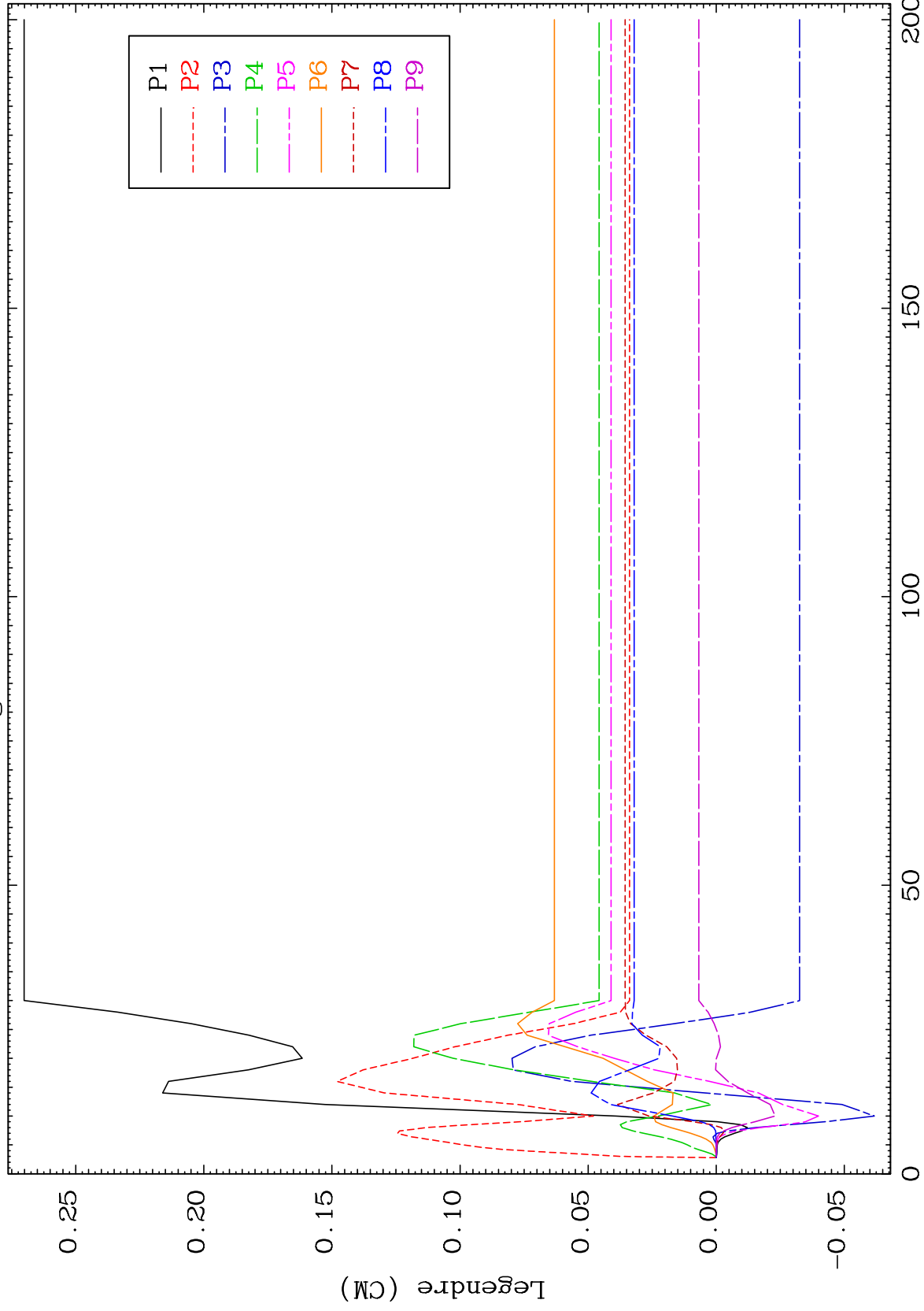




MAT 5073

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

50-Sn-128



72

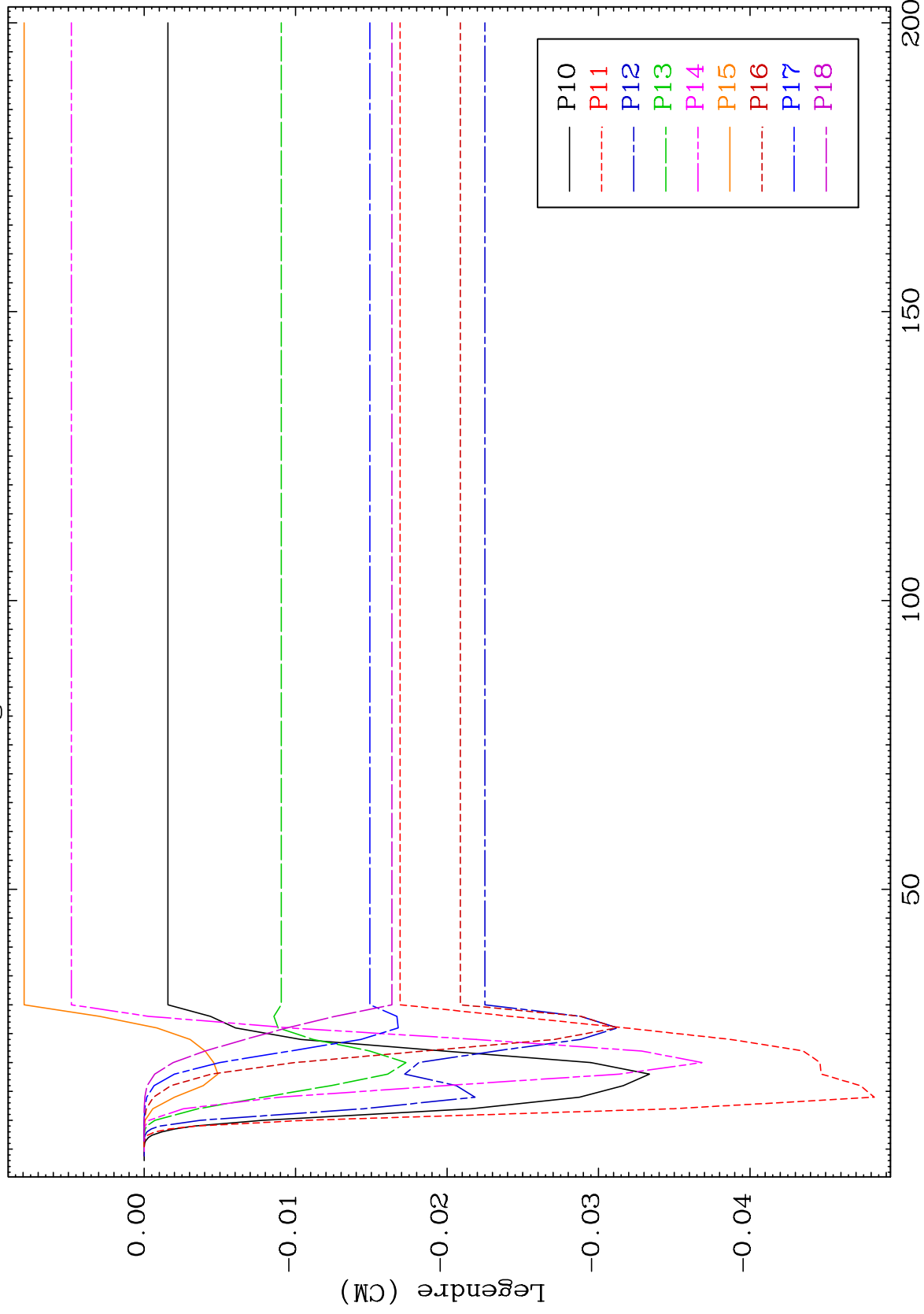
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

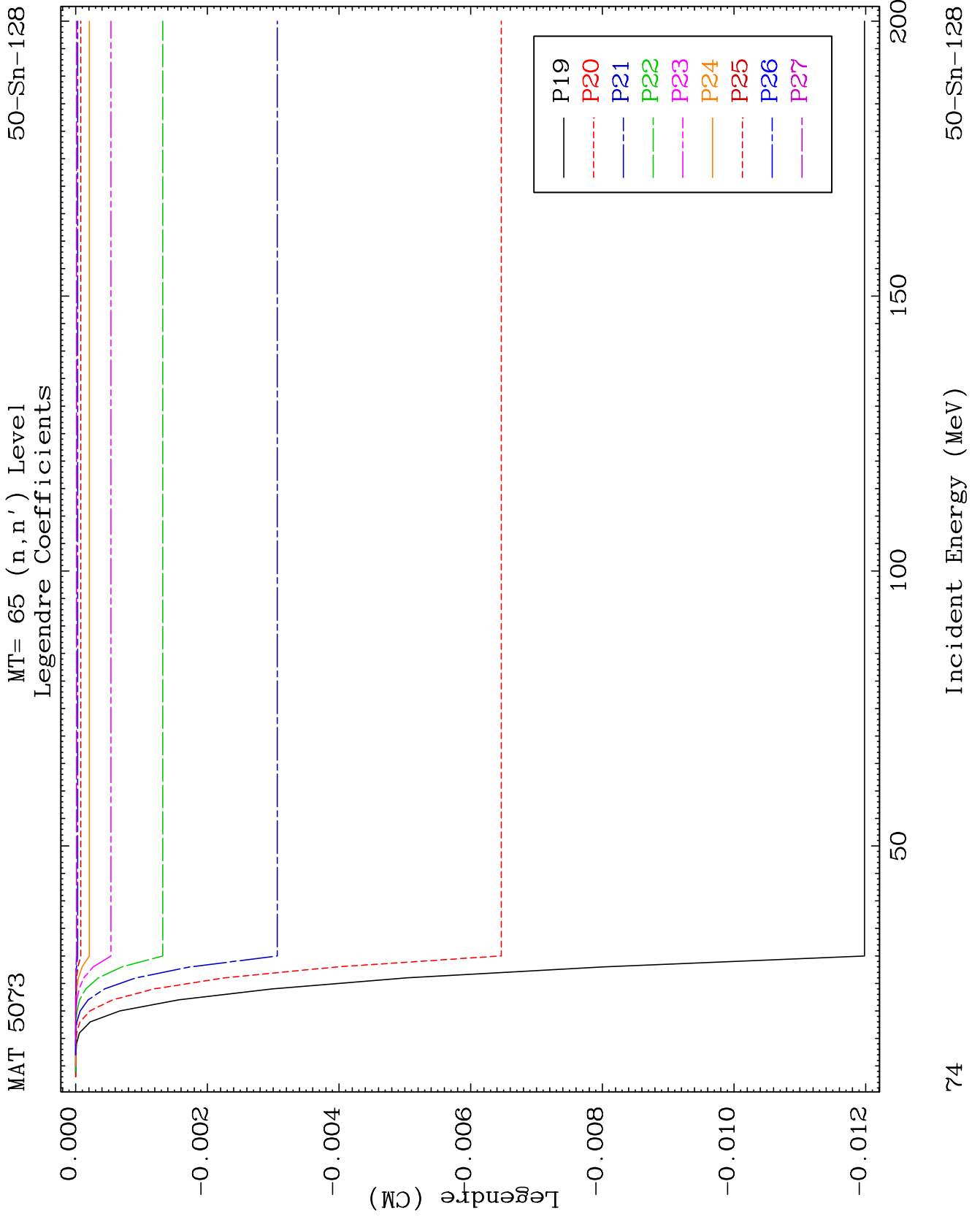
50-Sn-128

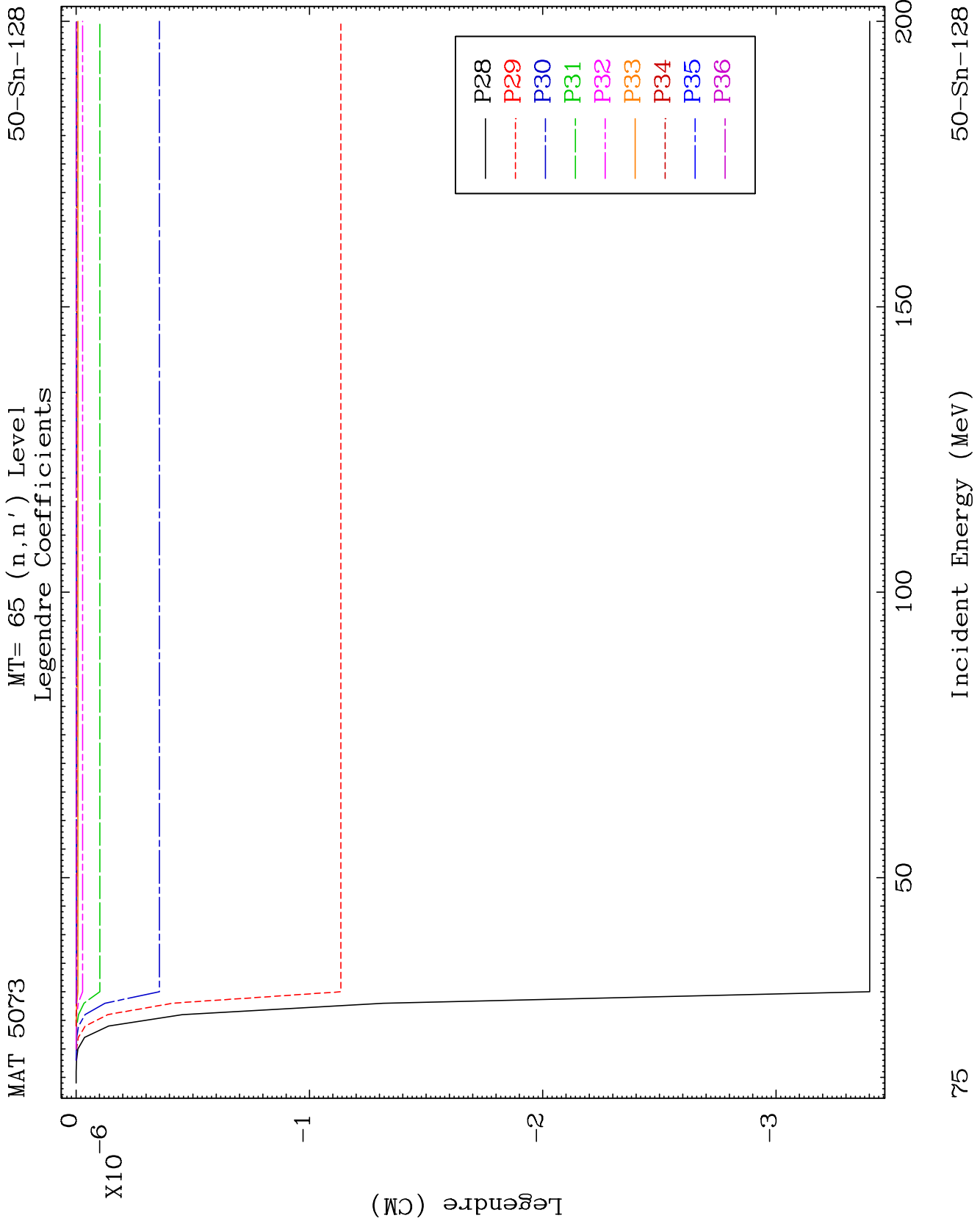


73

Incident Energy (MeV)

50-Sn-128





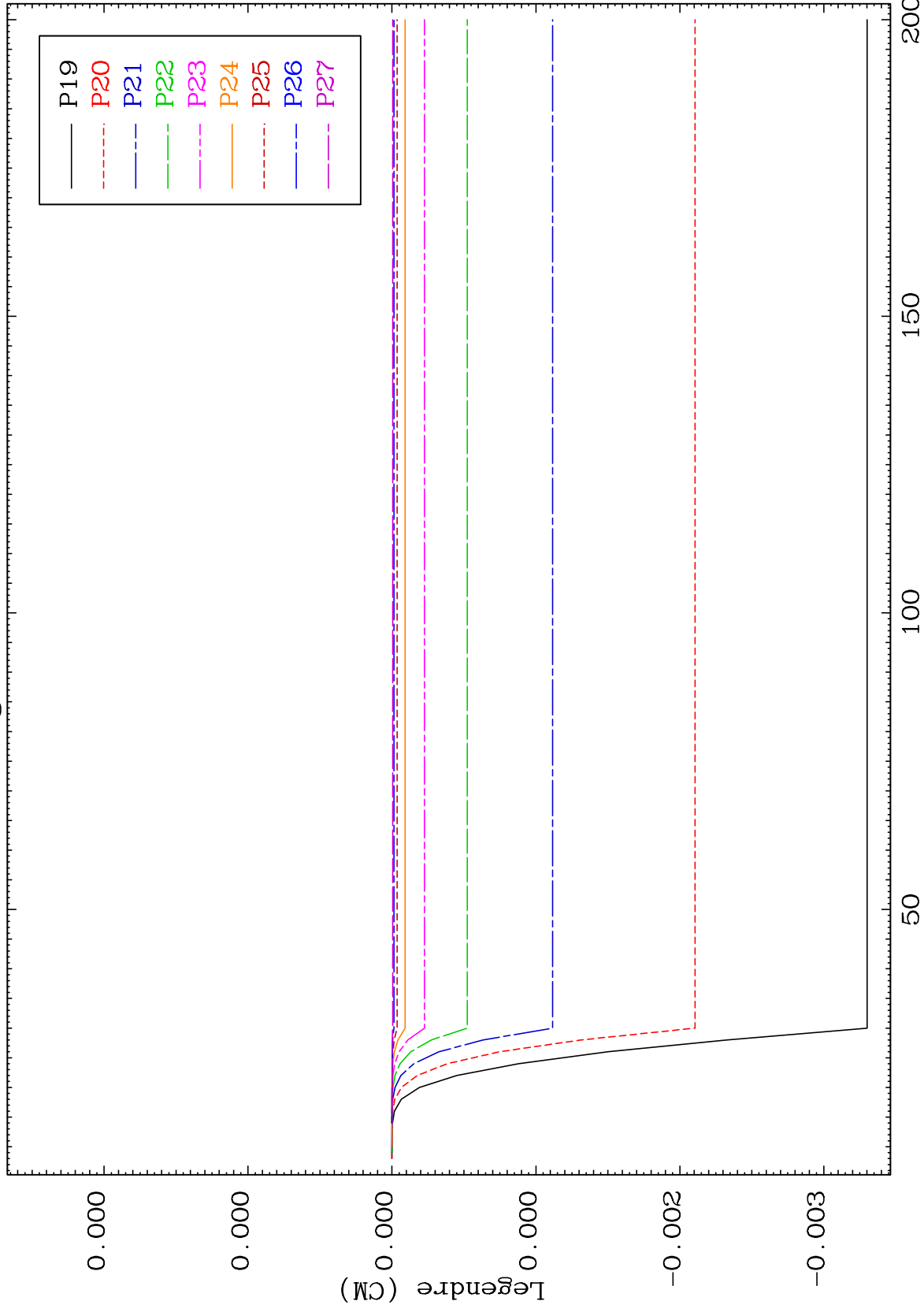




MAT 5073

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

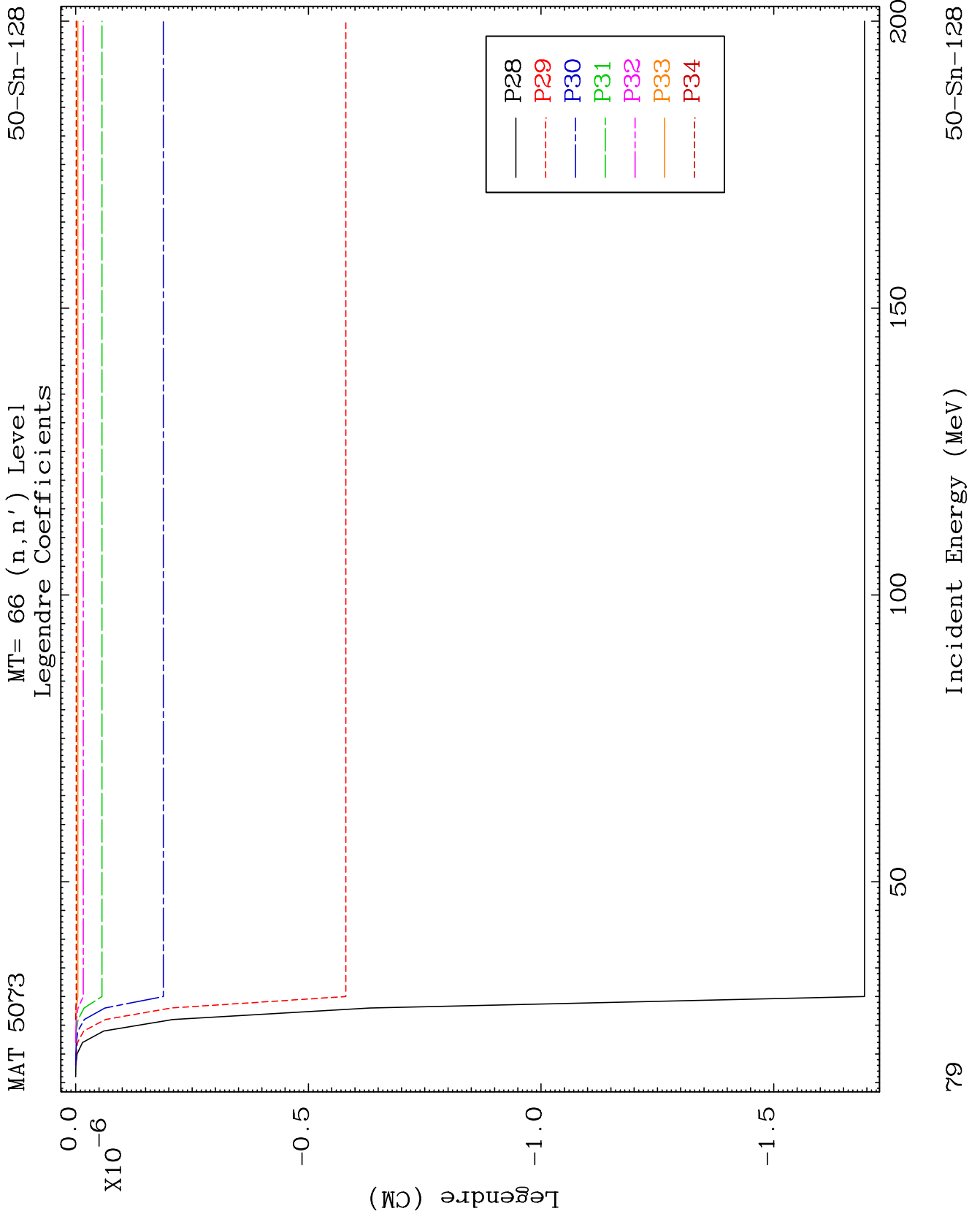
50-Sn-128



78

Incident Energy (MeV)

50-Sn-128

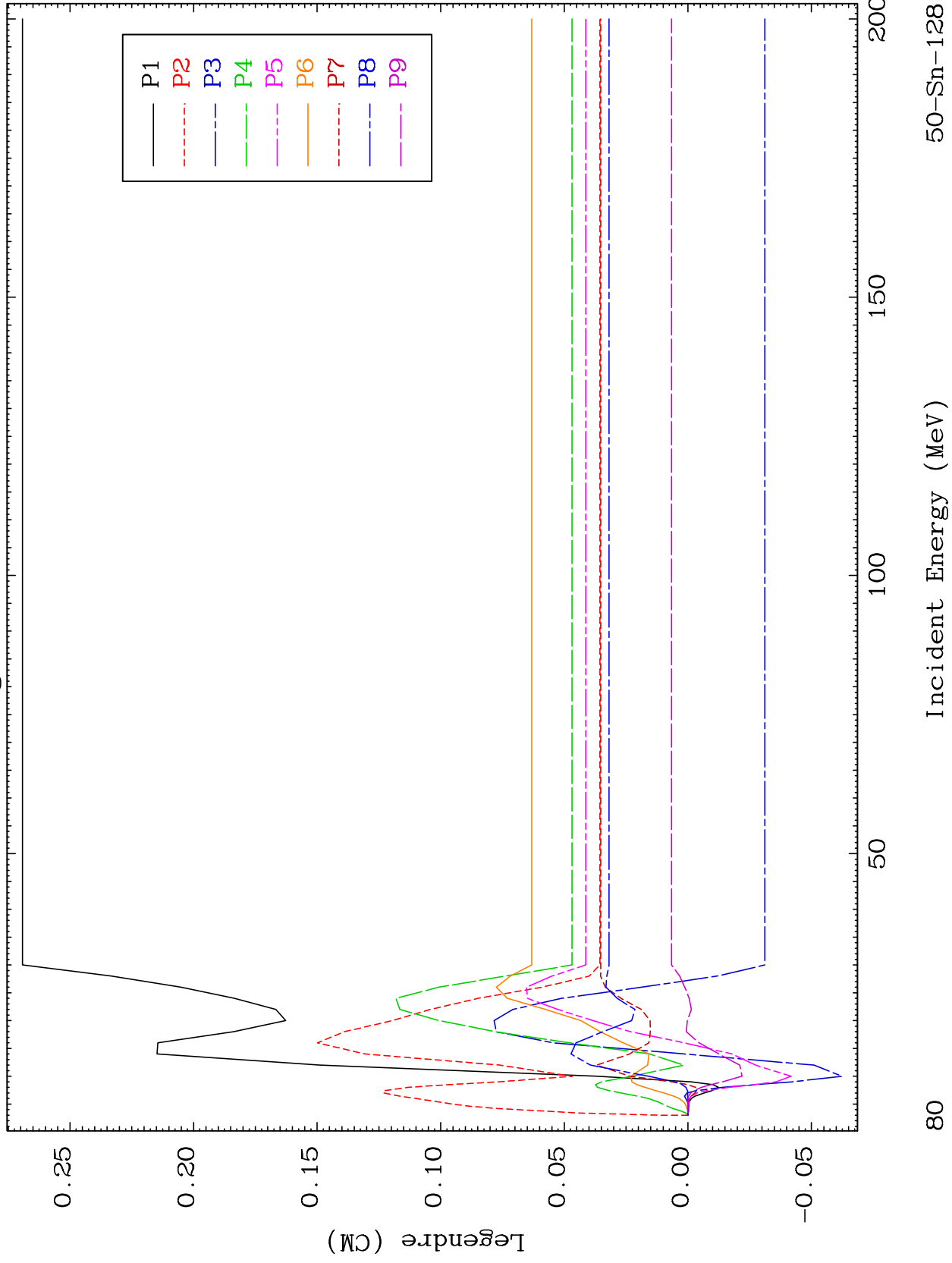




MAT 5073

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

50-Sn-128



50-Sn-128

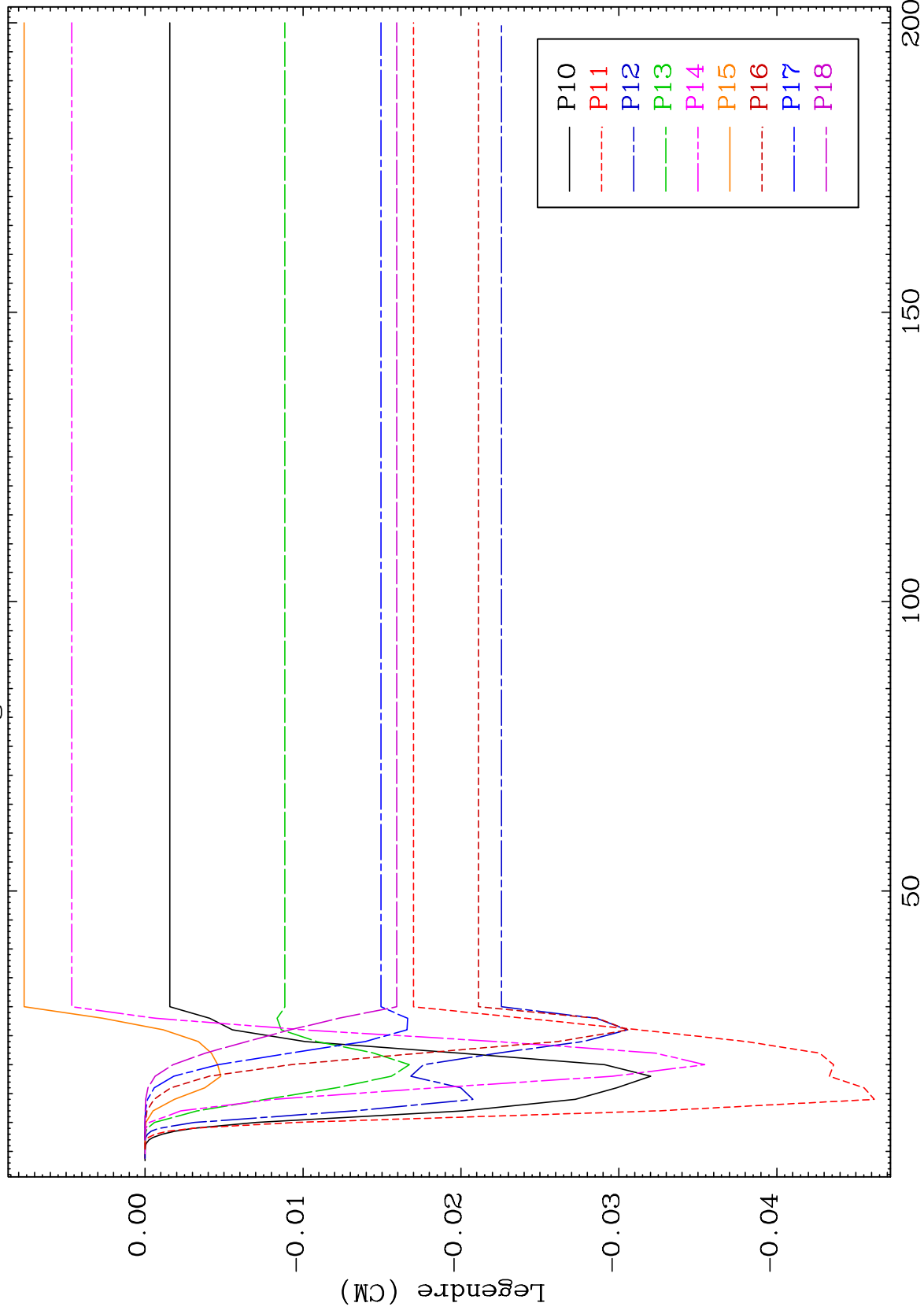
Incident Energy (MeV)

80

MAT 5073

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

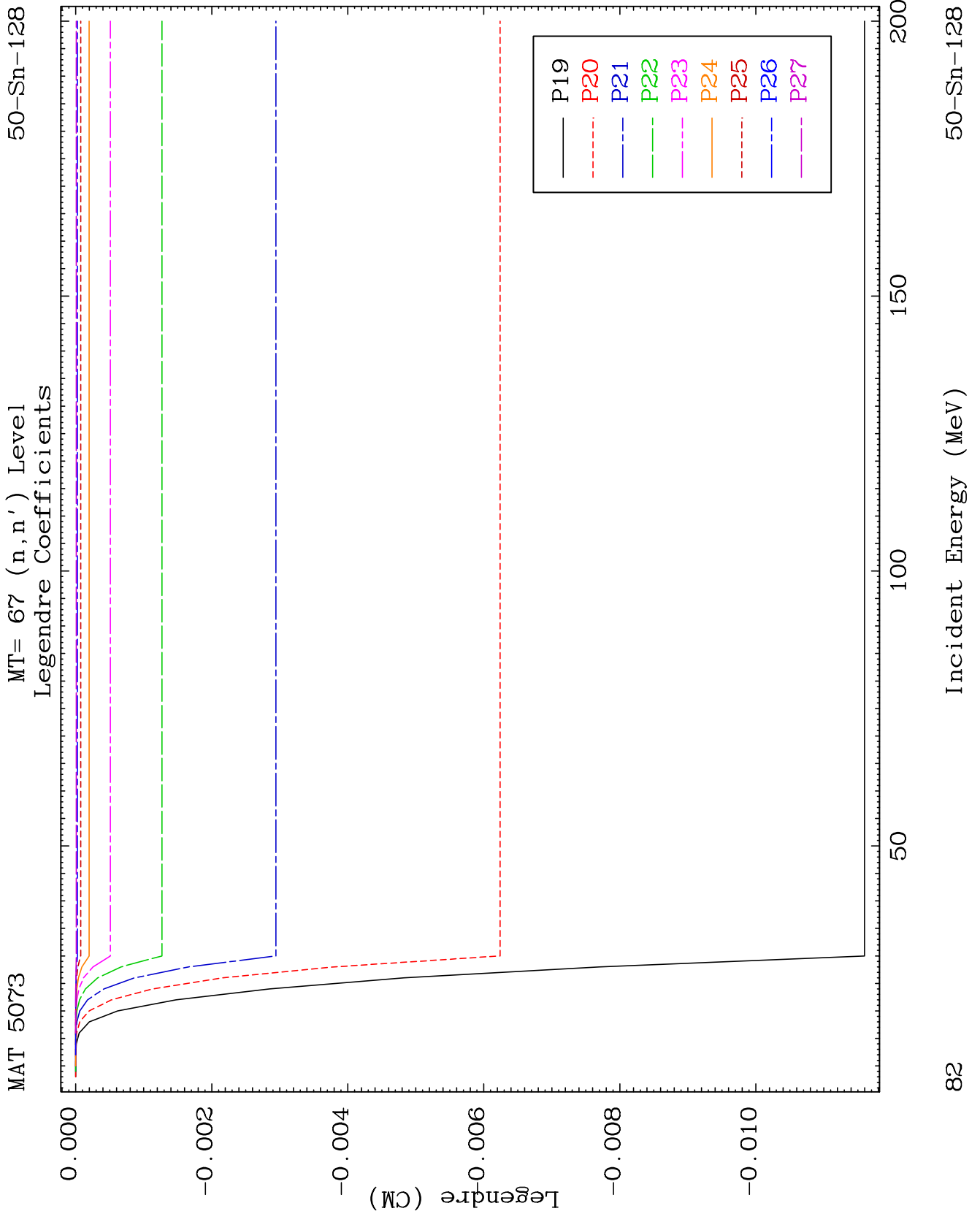
50-Sn-128

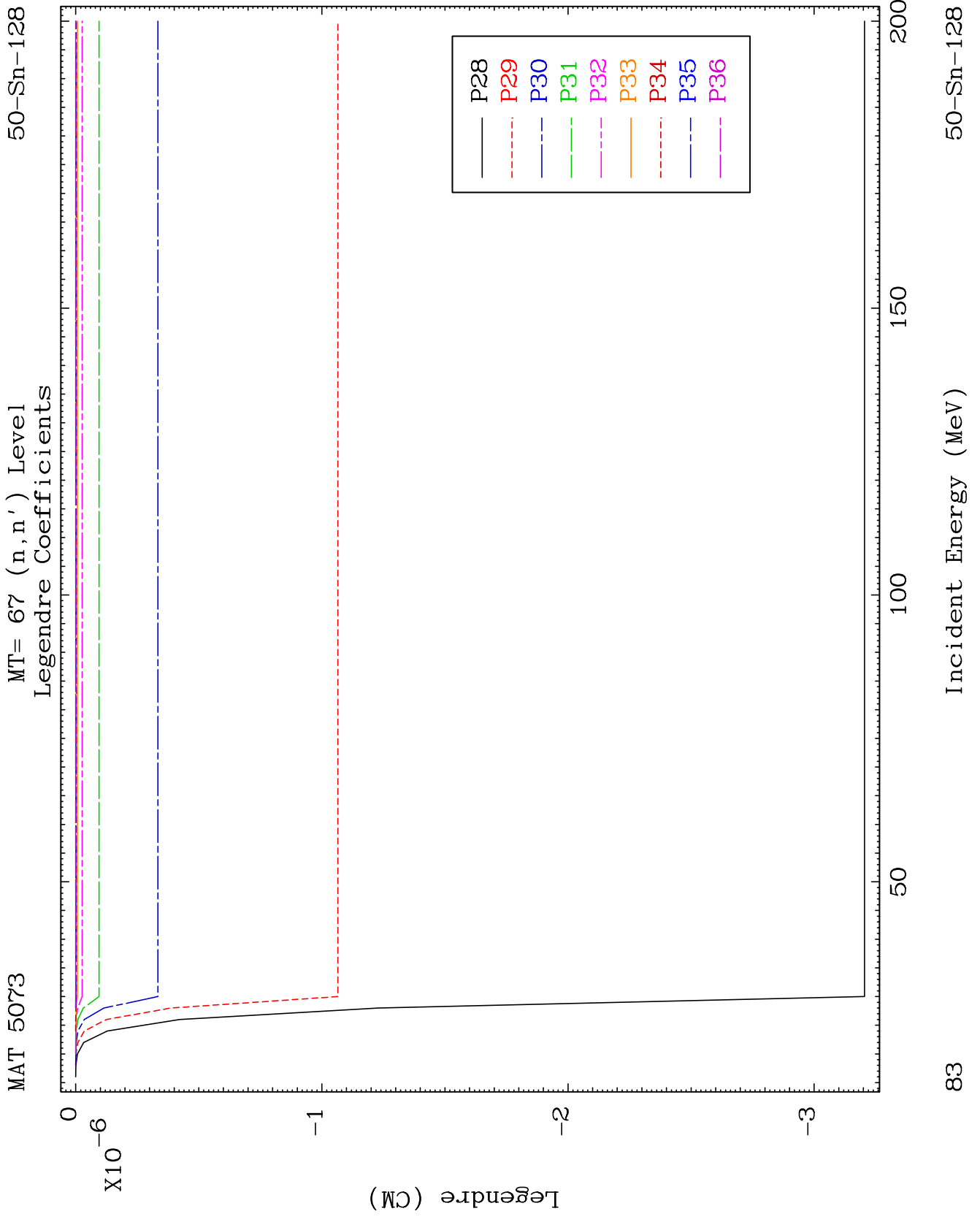


81

Incident Energy (MeV)

50-Sn-128

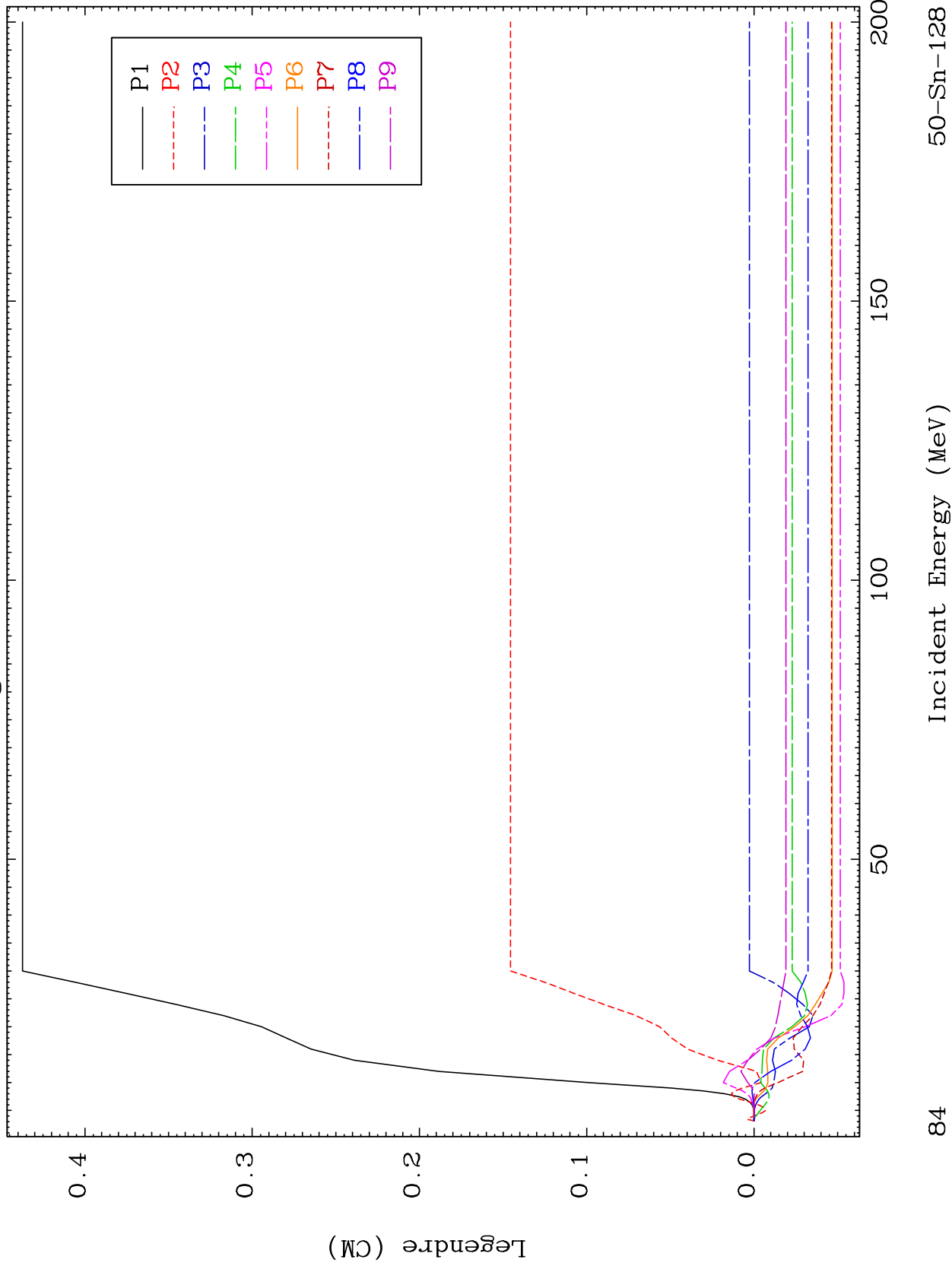




MAT 5073

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

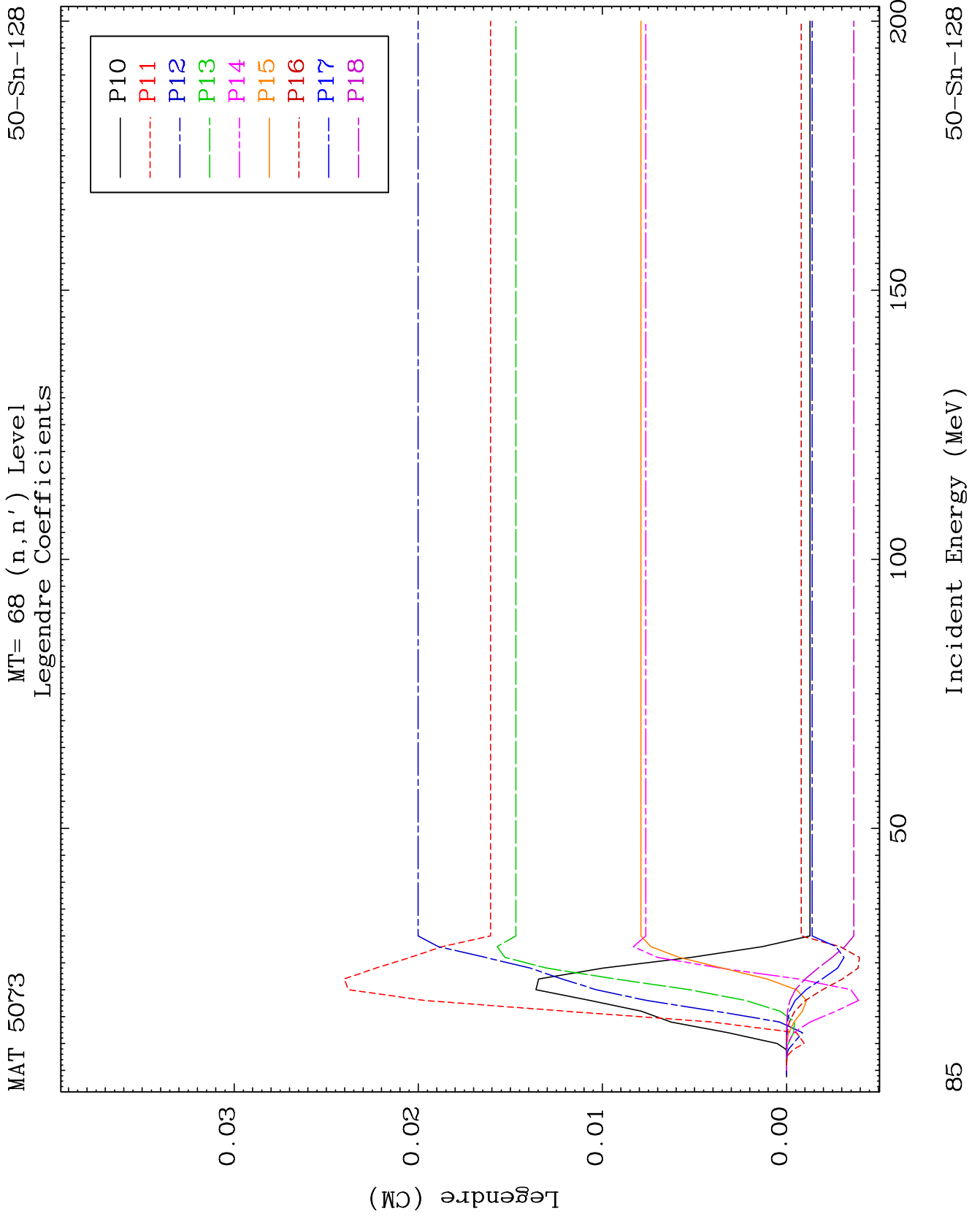
50-Sn-128



84

Incident Energy (MeV)

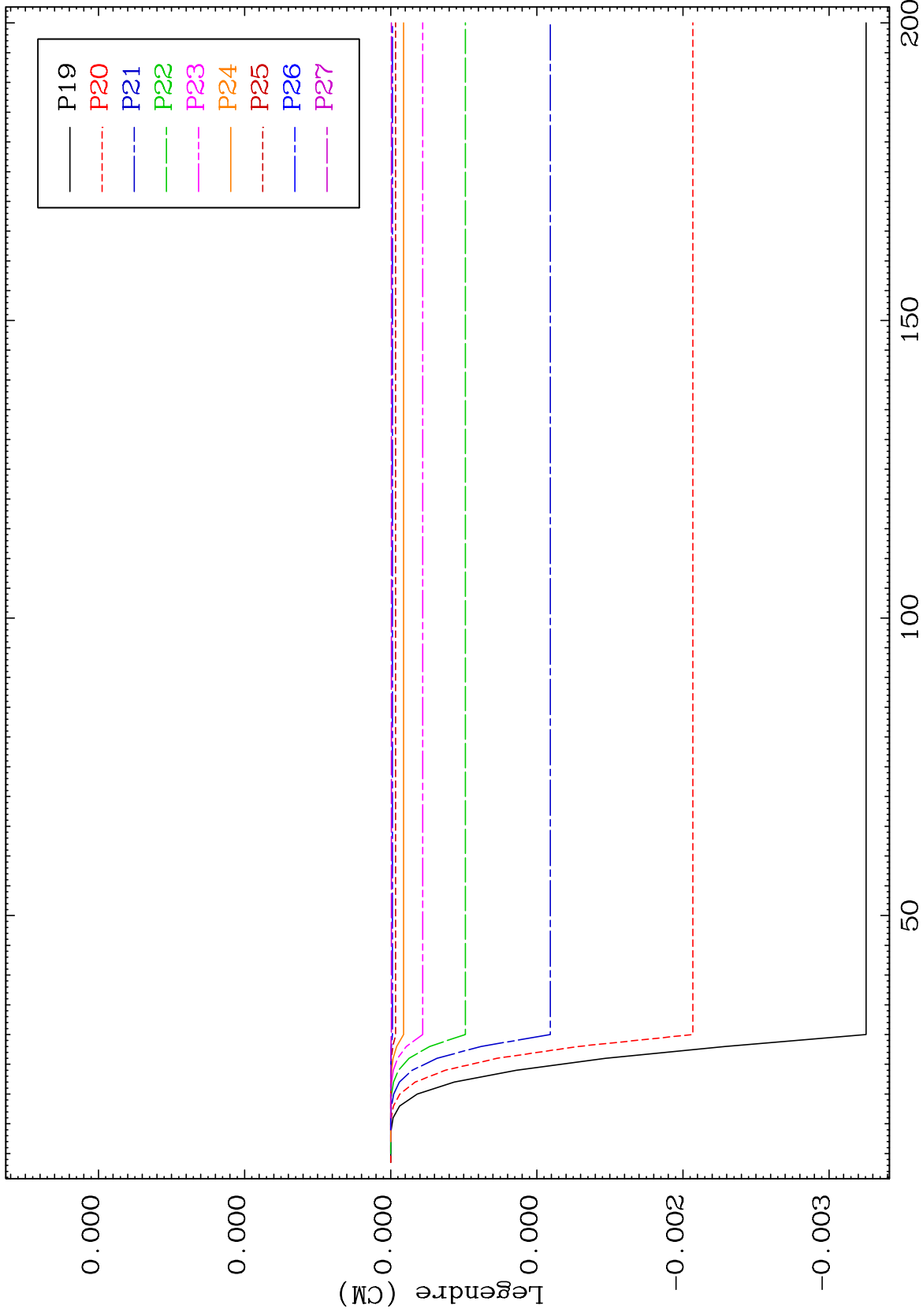
50-Sn-128

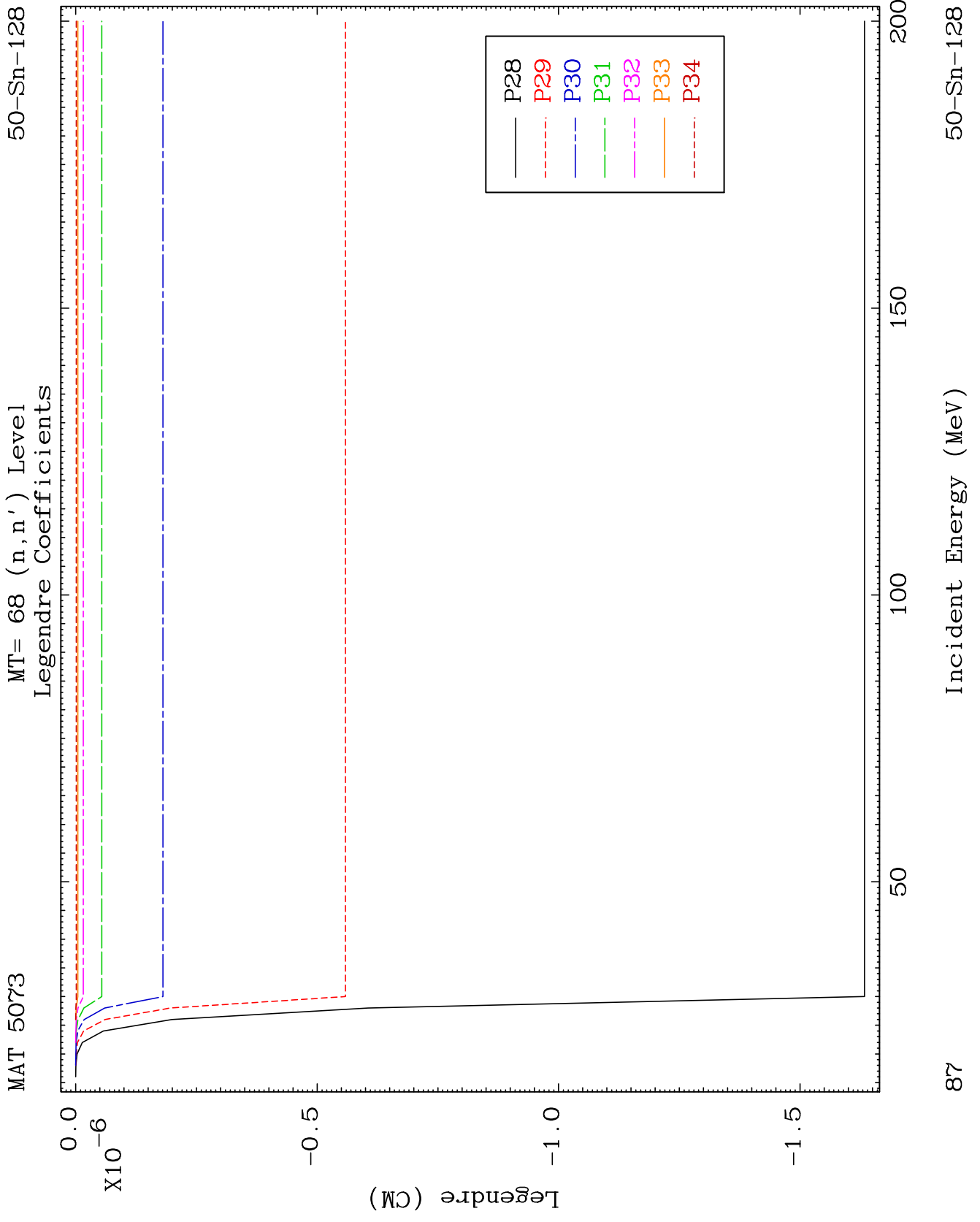


MAT 5073

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

50-Sn-128



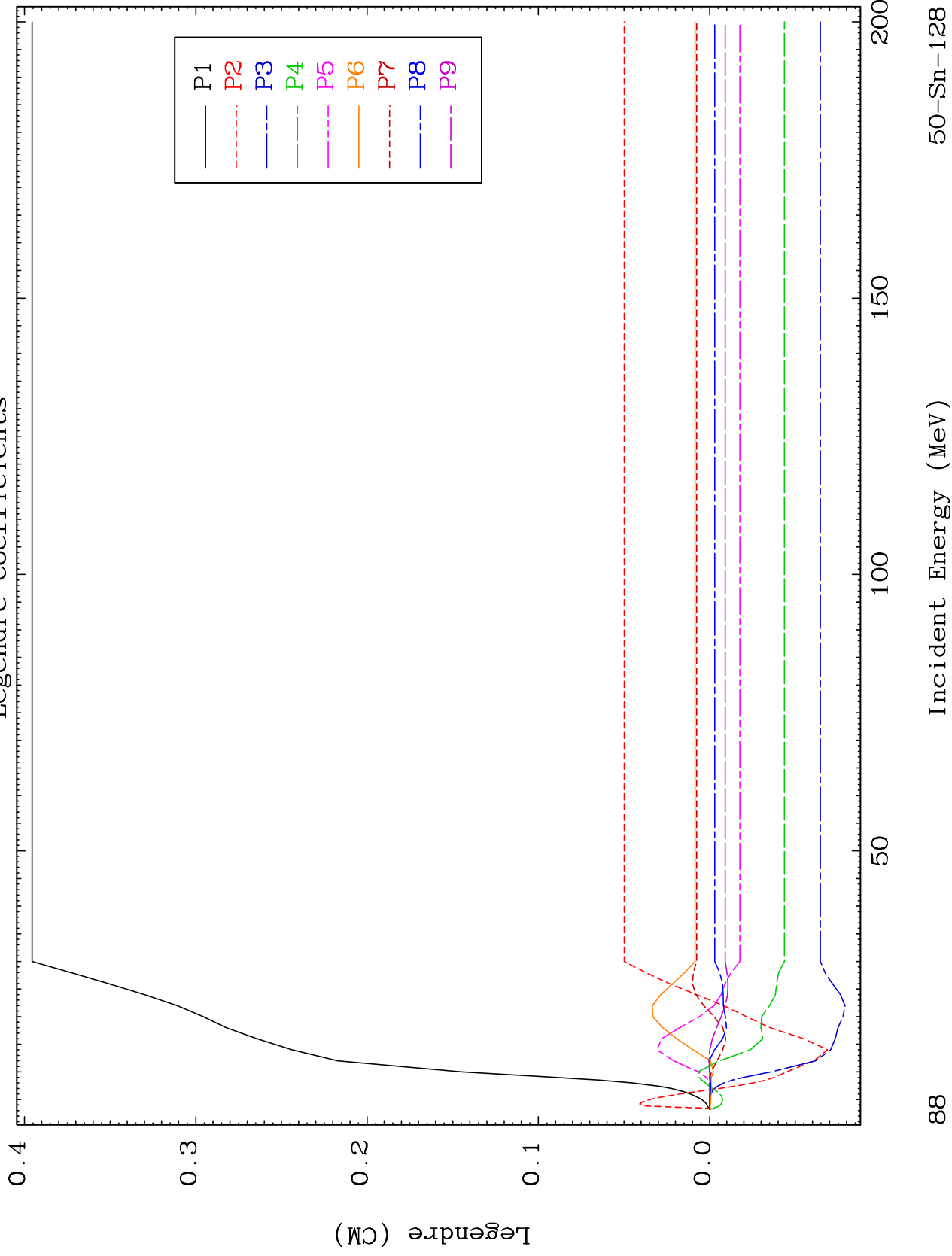




MAT 5073

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

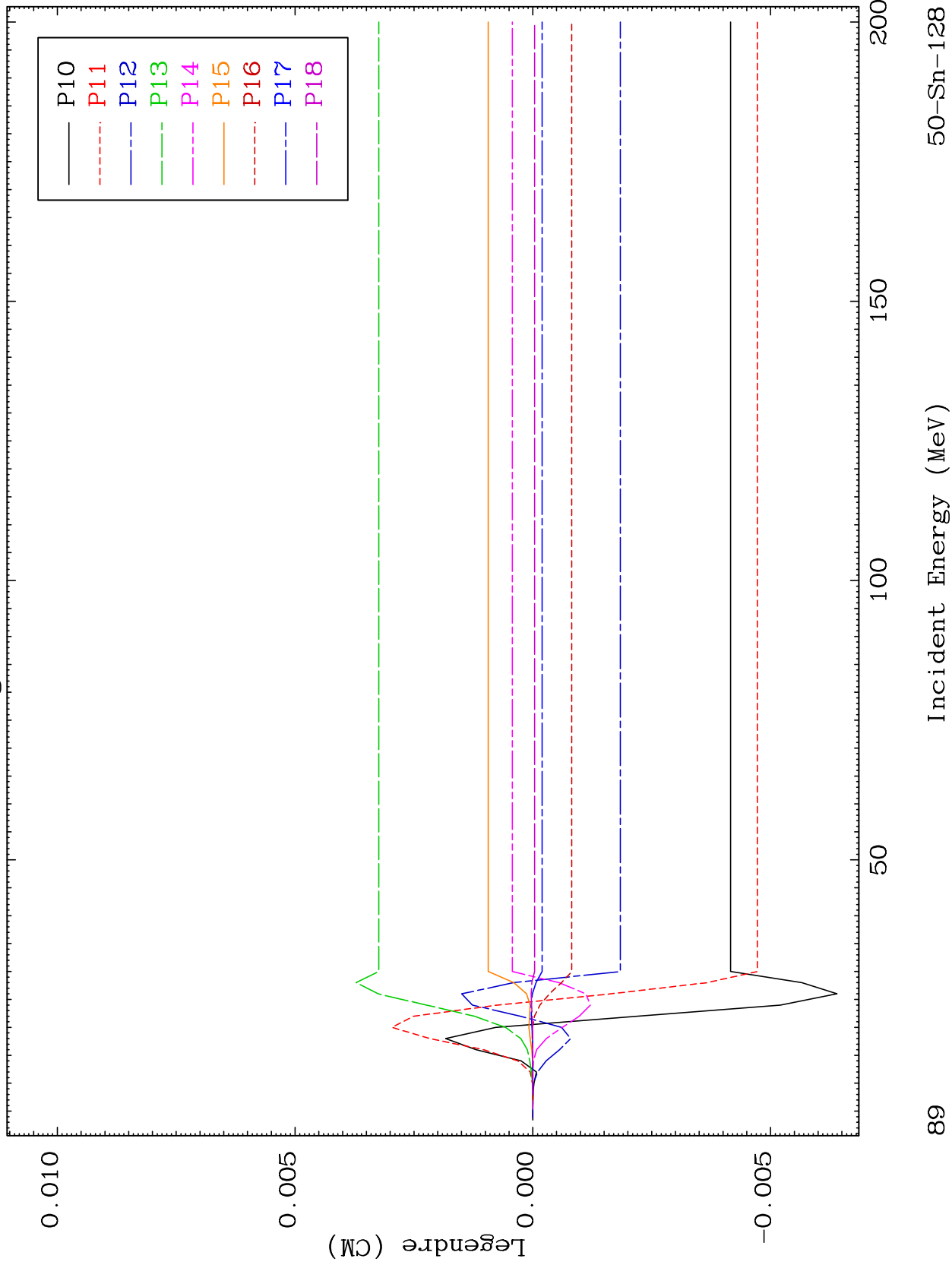
50-Sn-128



MAT 5073

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

50-Sn-128



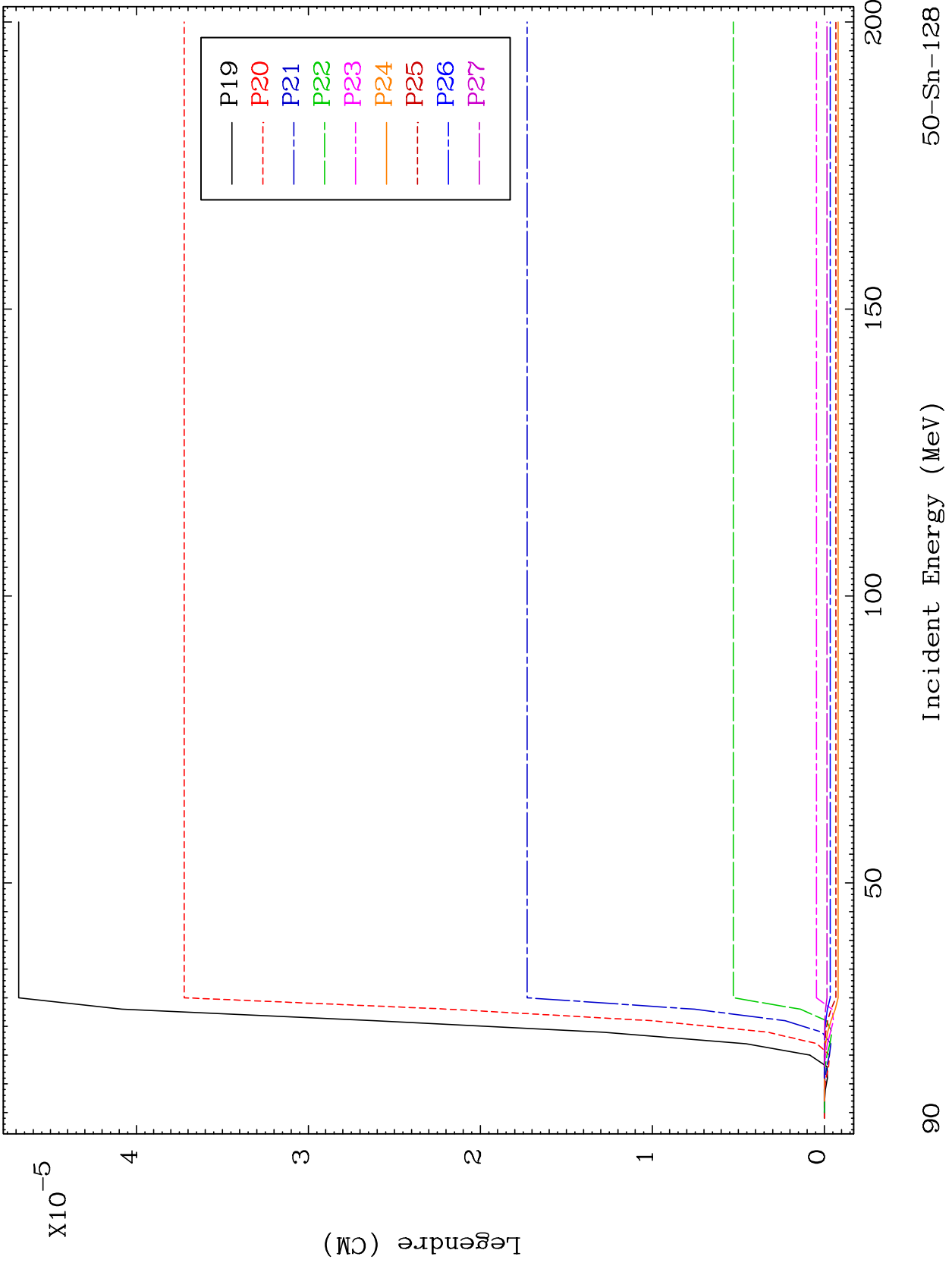
89

50-Sn-128

MAT 5073

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

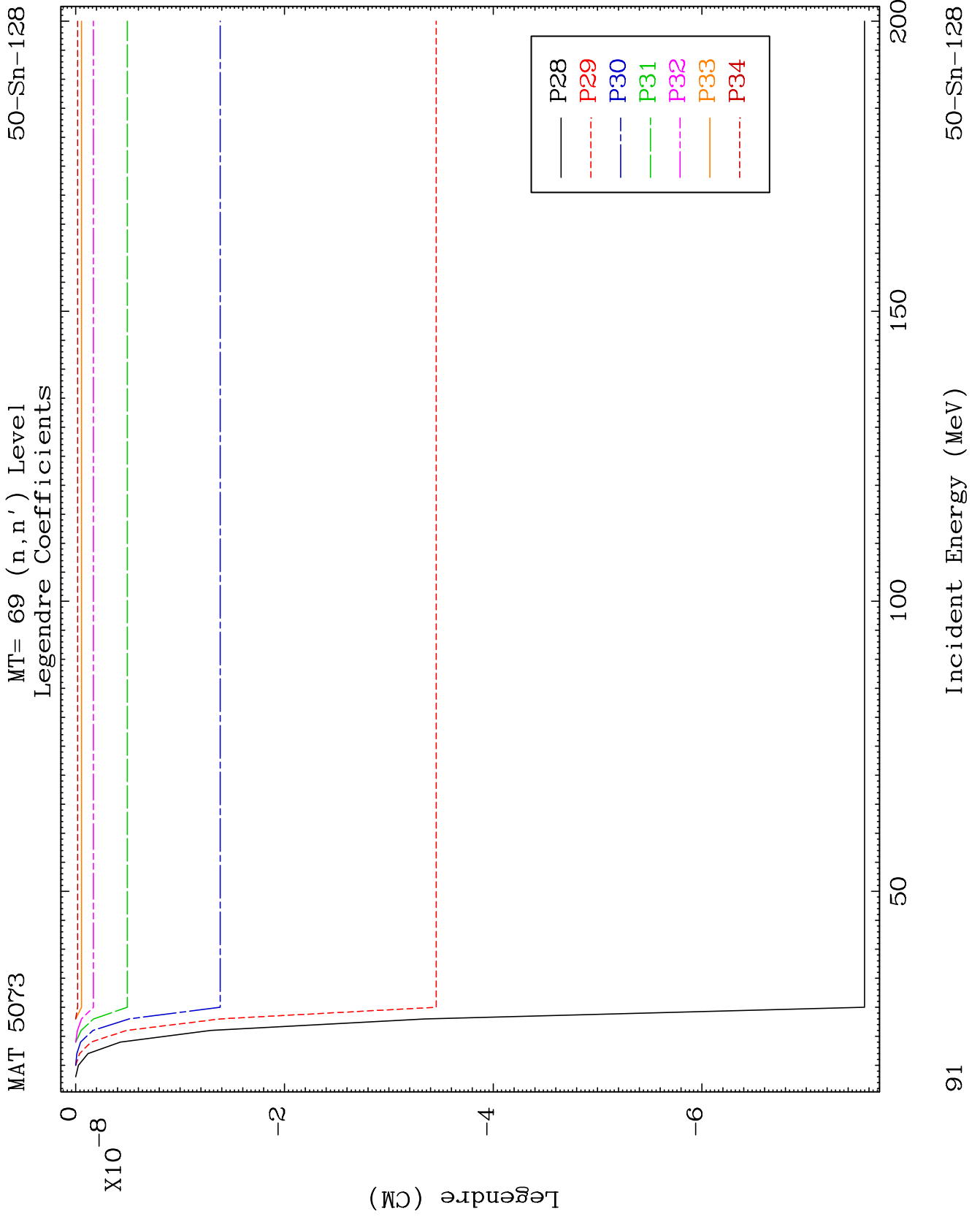
50-Sn-128



90

Incident Energy (MeV)

50-Sn-128

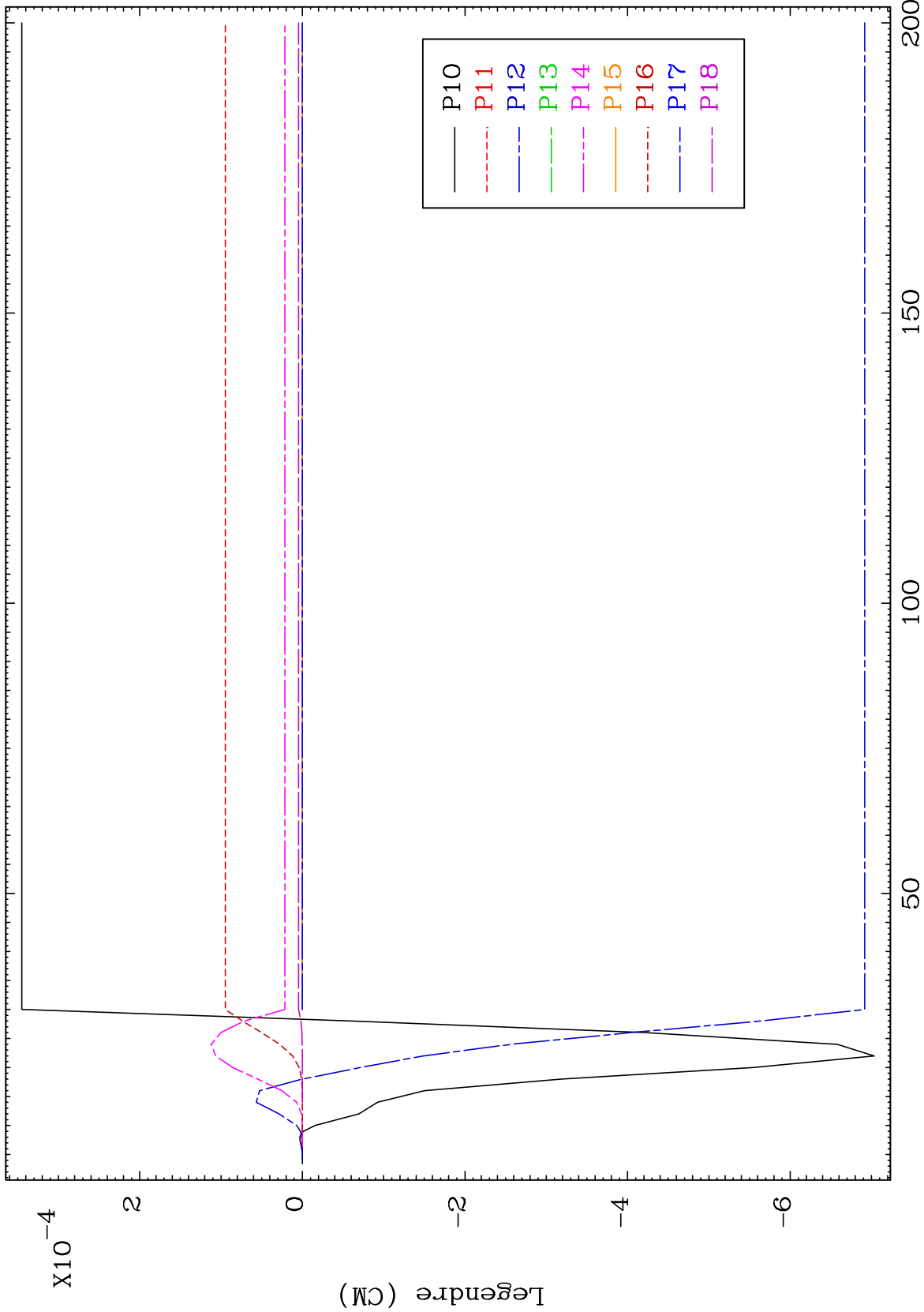




MAT 5073

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

50-Sn-128





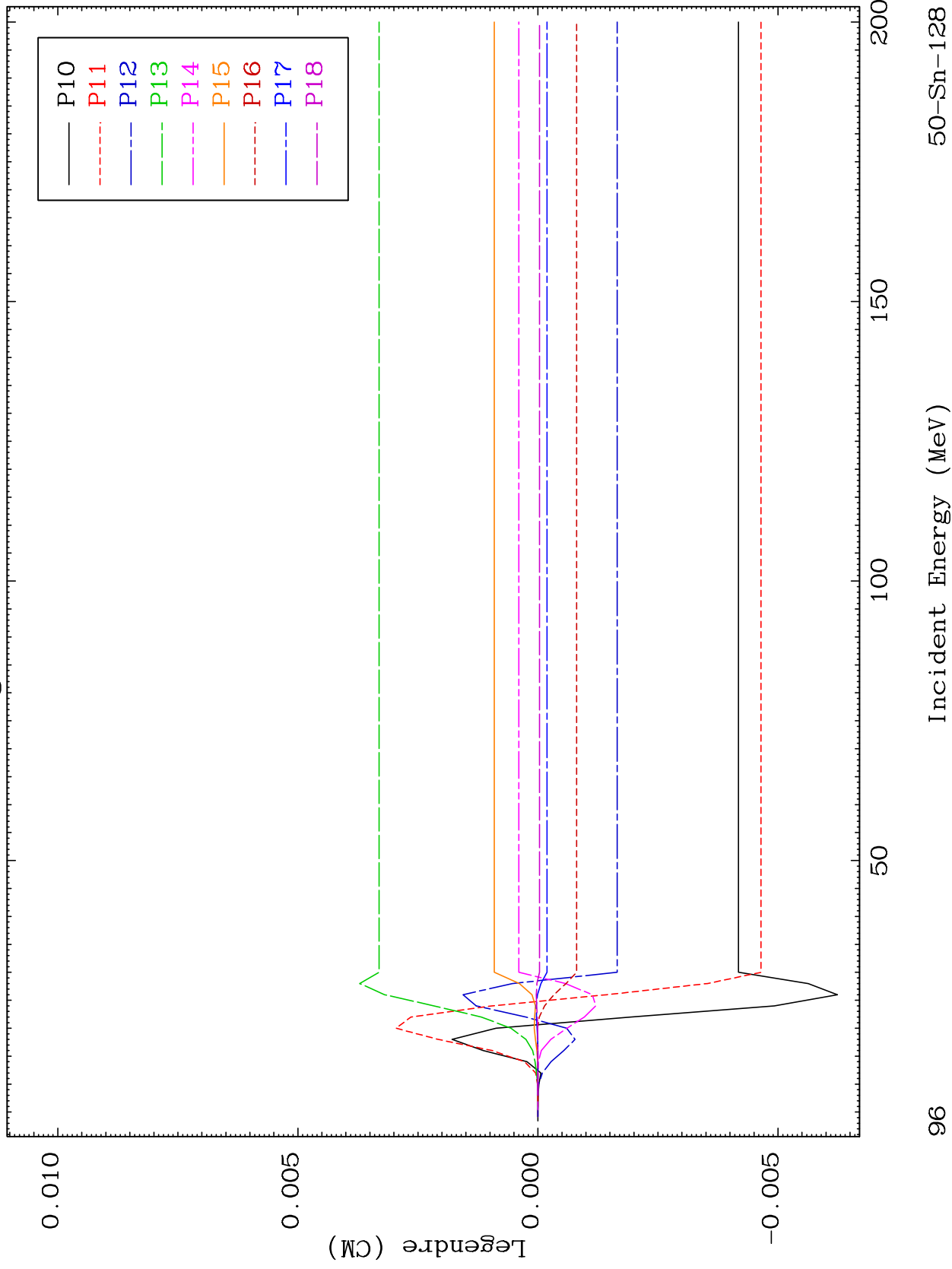




MAT 5073

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

50-Sn-128



96

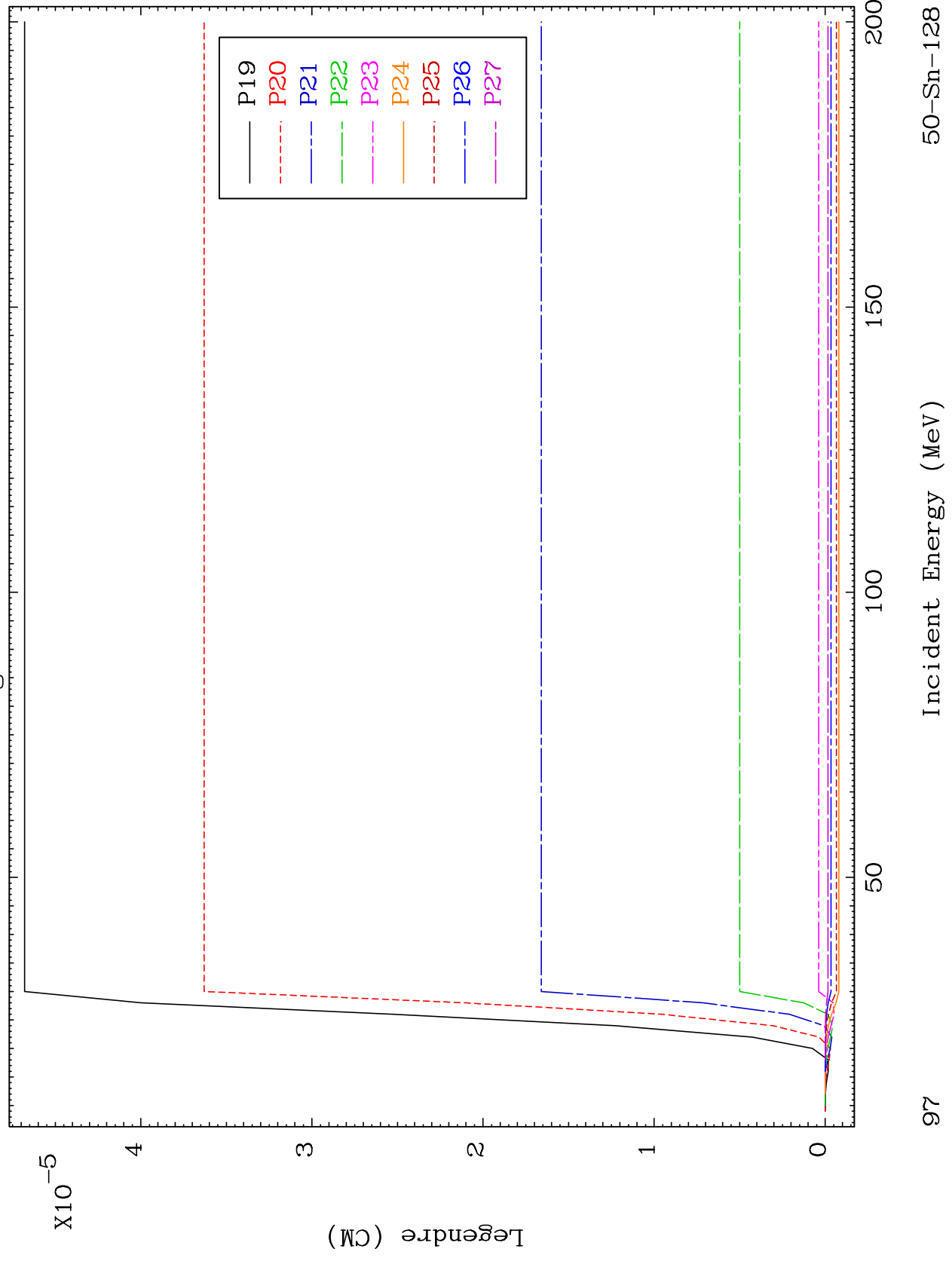
Incident Energy (MeV)

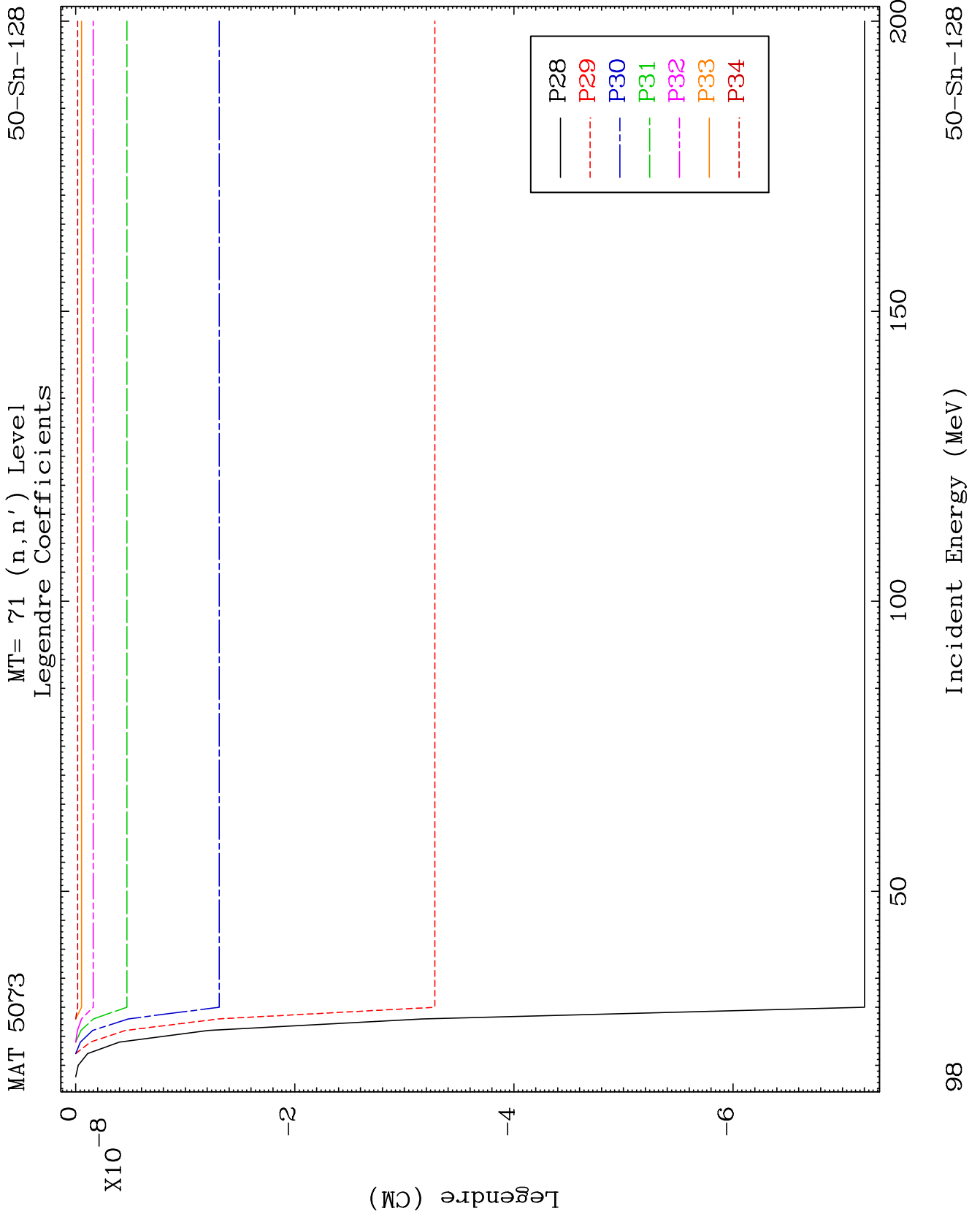
50-Sn-128

MAT 5073

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

50-Sn-128

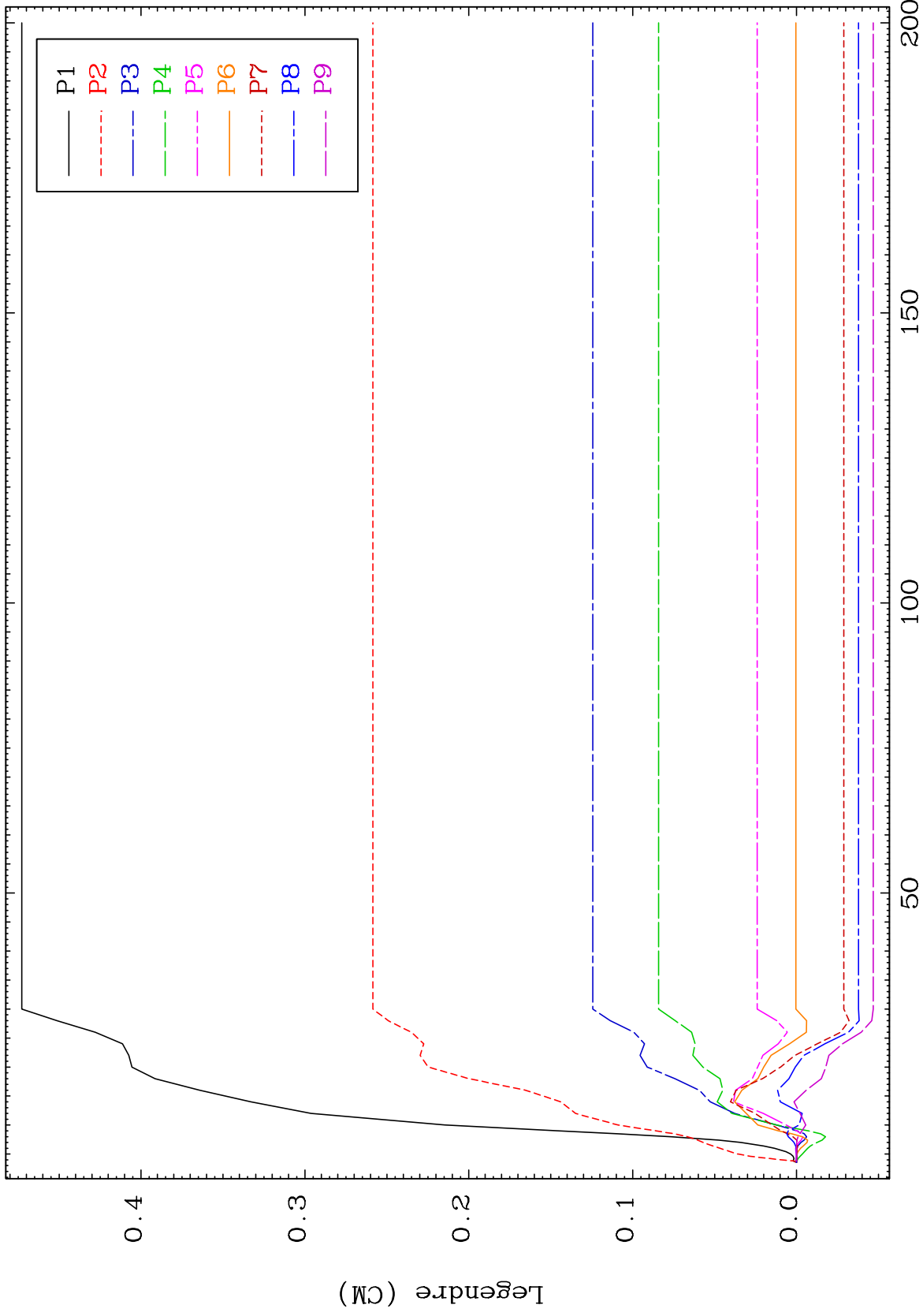




MAT 5073

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

50-Sn-128



99

Incident Energy (MeV)

50-Sn-128

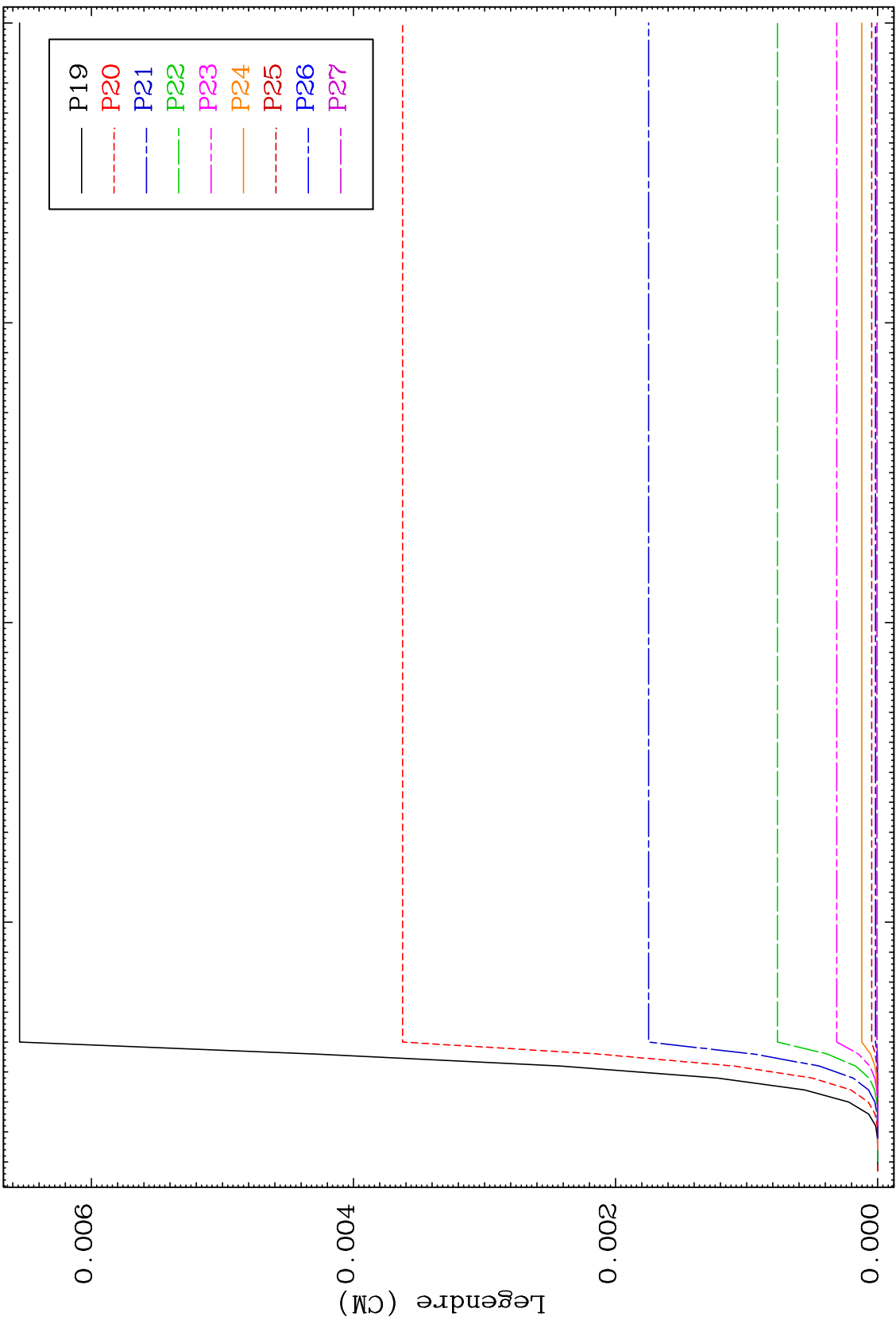


MAT 5073

MT= 72 (n,n') Level

50-Sn-128

Legendre Coefficients



101

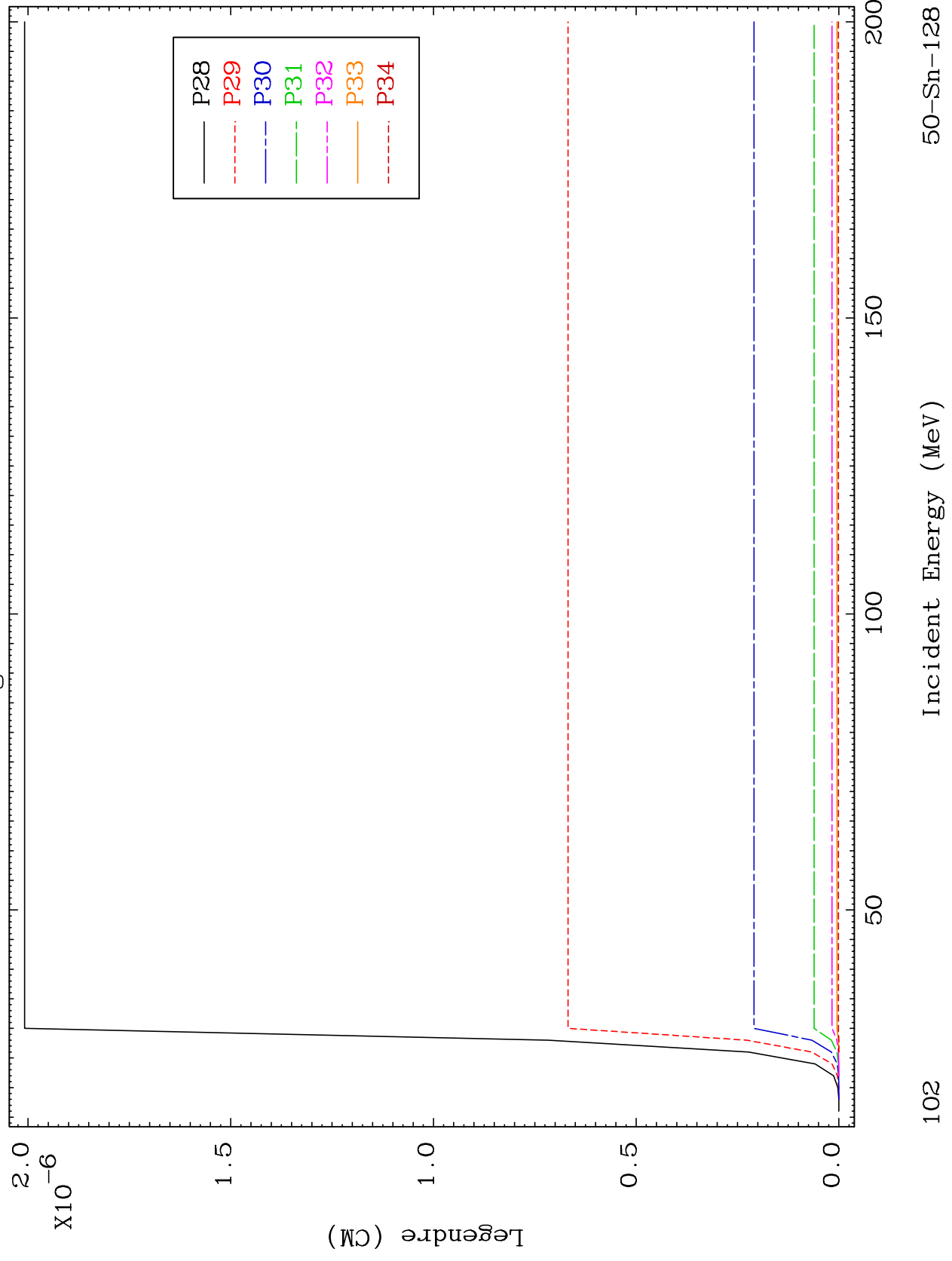
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



102

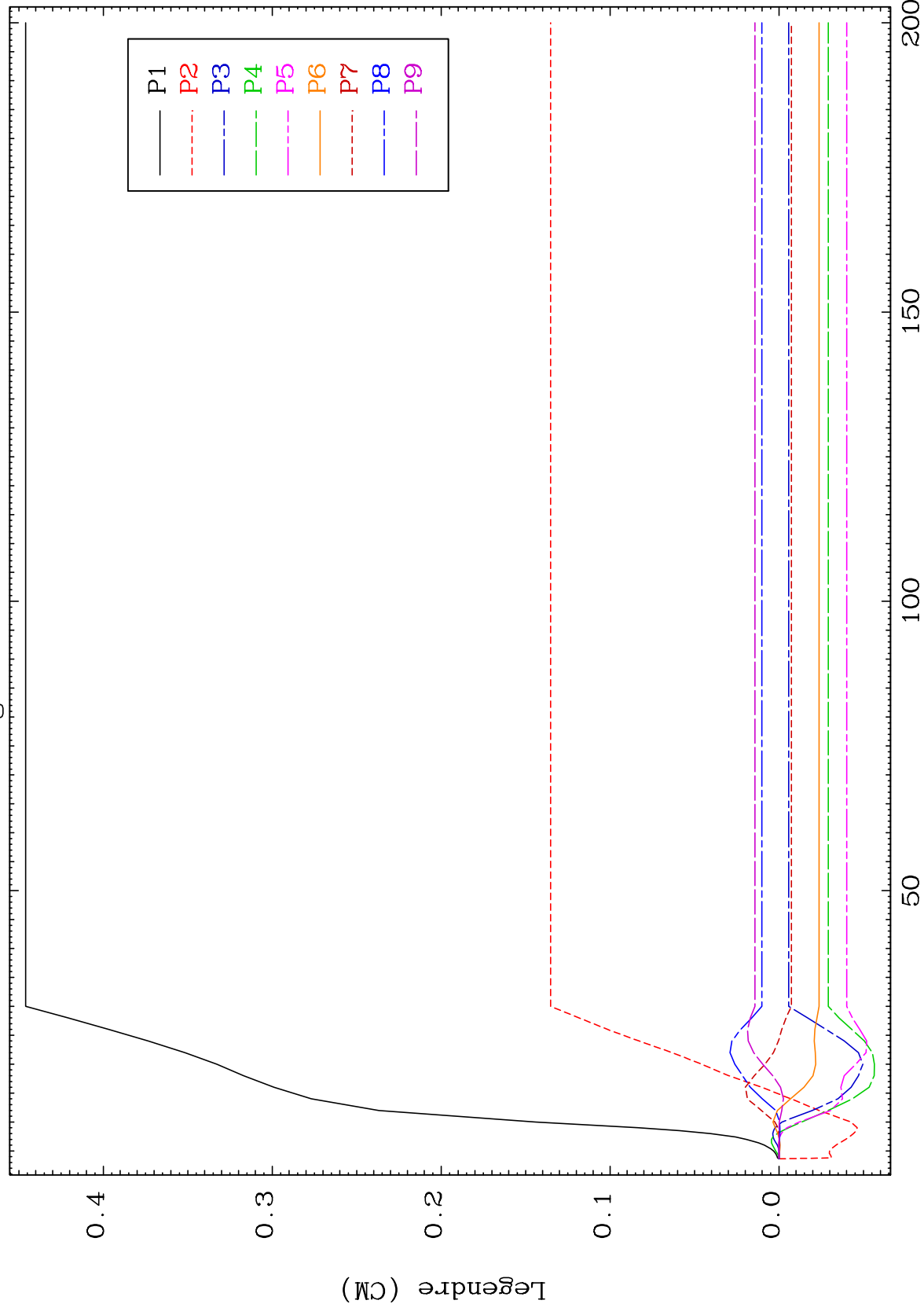
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



103

Incident Energy (MeV)

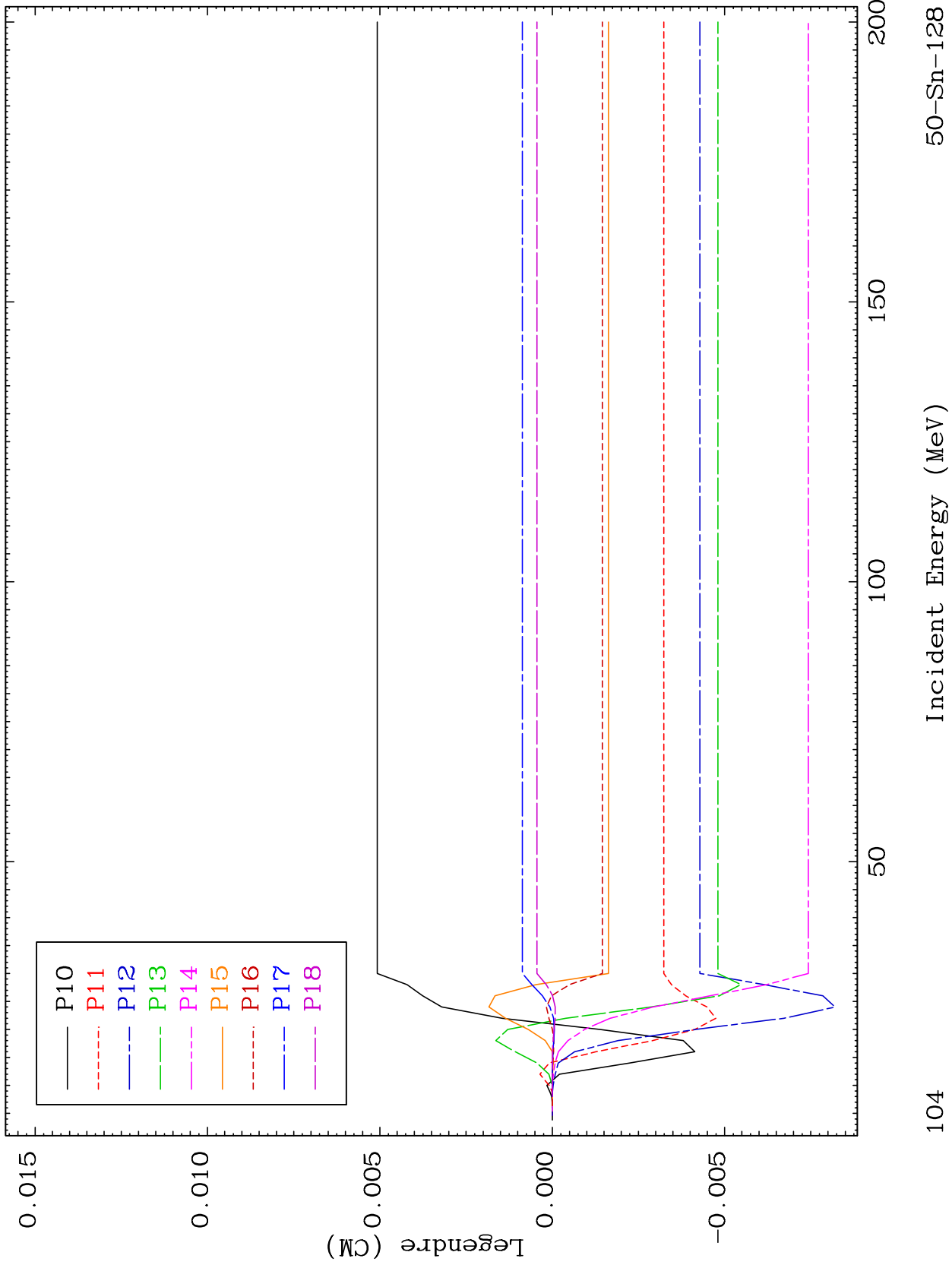
50-Sn-128



MAT 5073

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

50-Sn-128



104

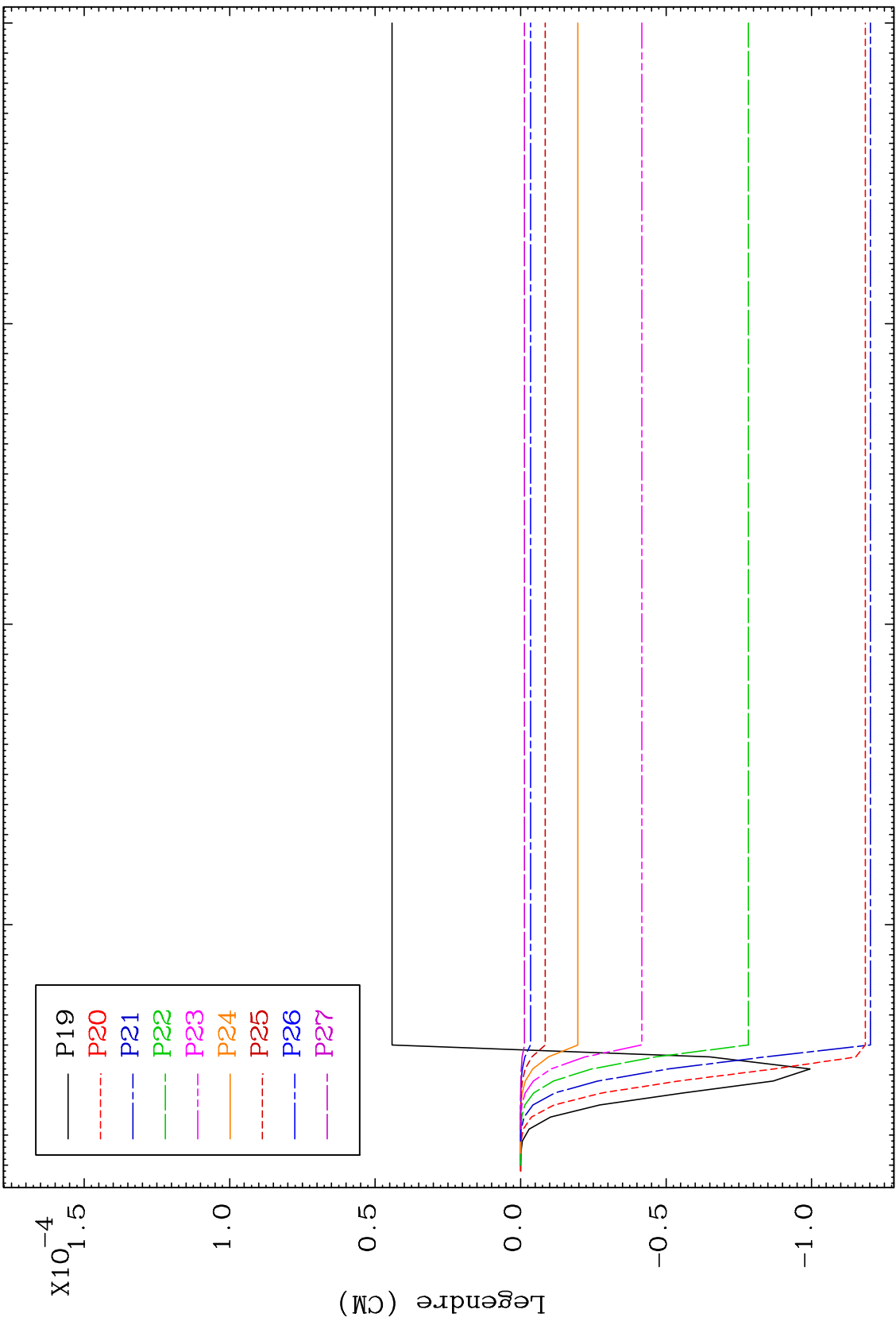
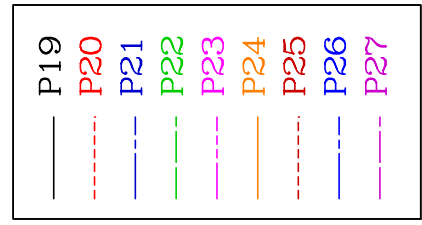
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

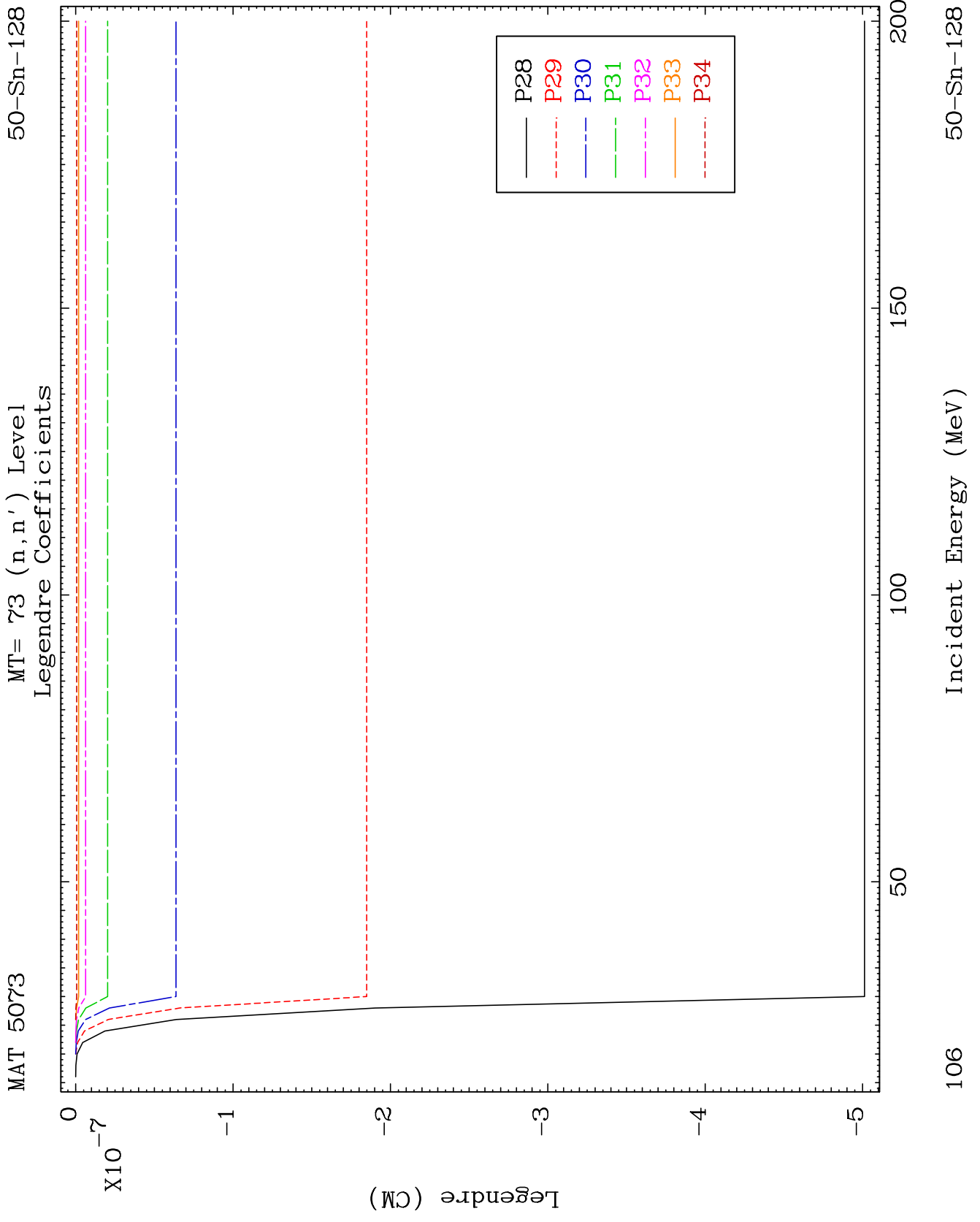
50-Sn-128

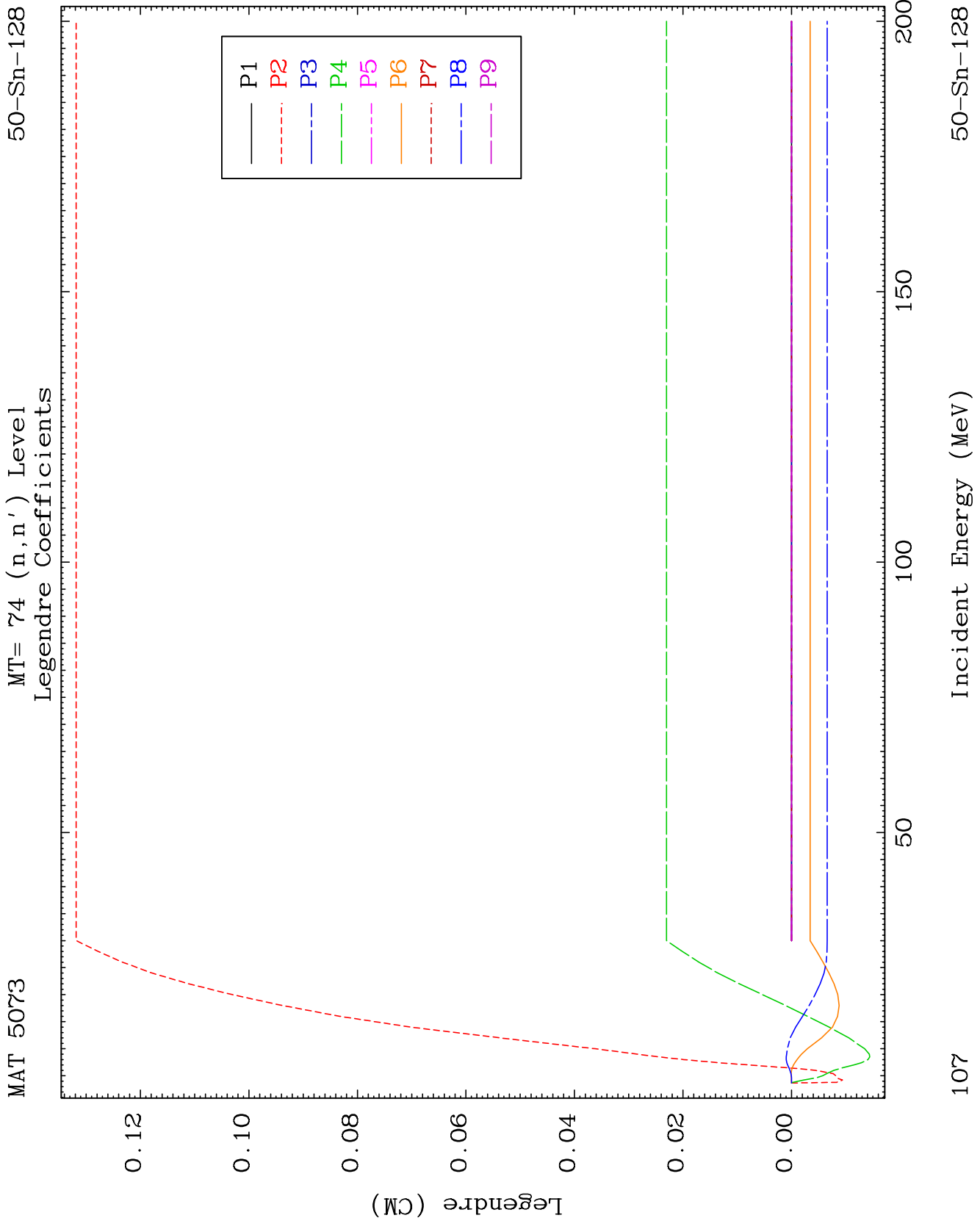


105

Incident Energy (MeV)

50-Sn-128

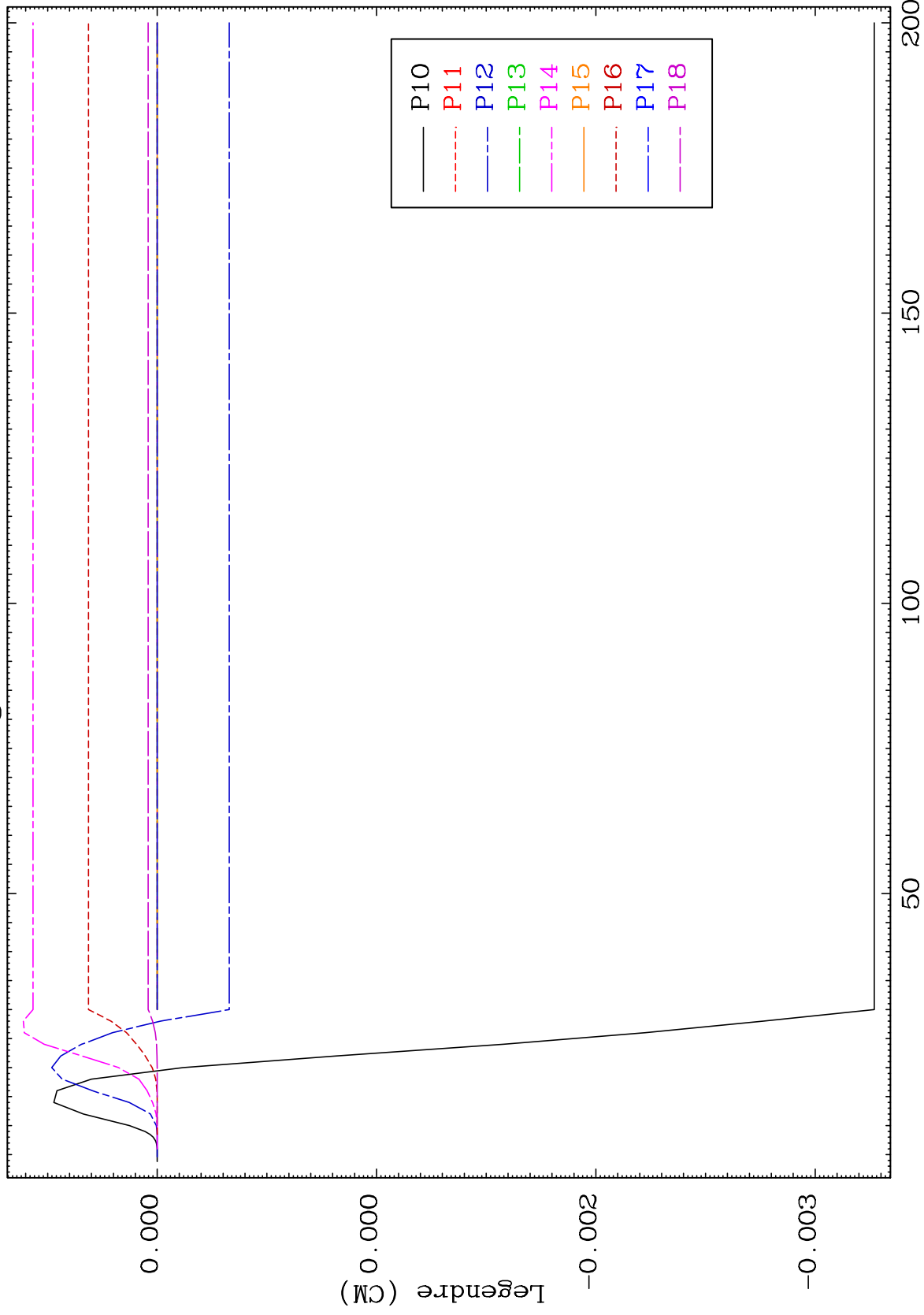




MAT 5073

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

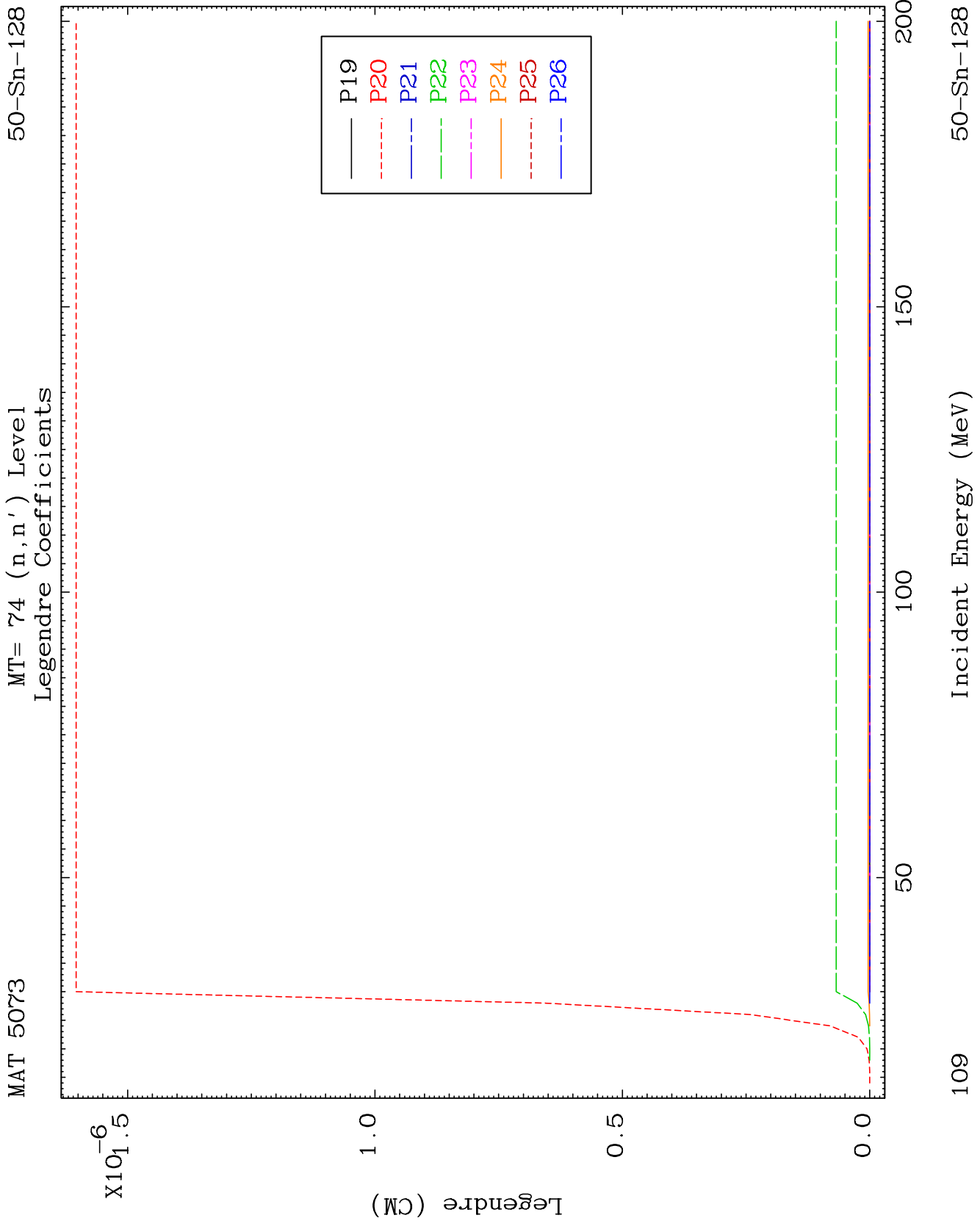
50-Sn-128



108

Incident Energy (MeV)

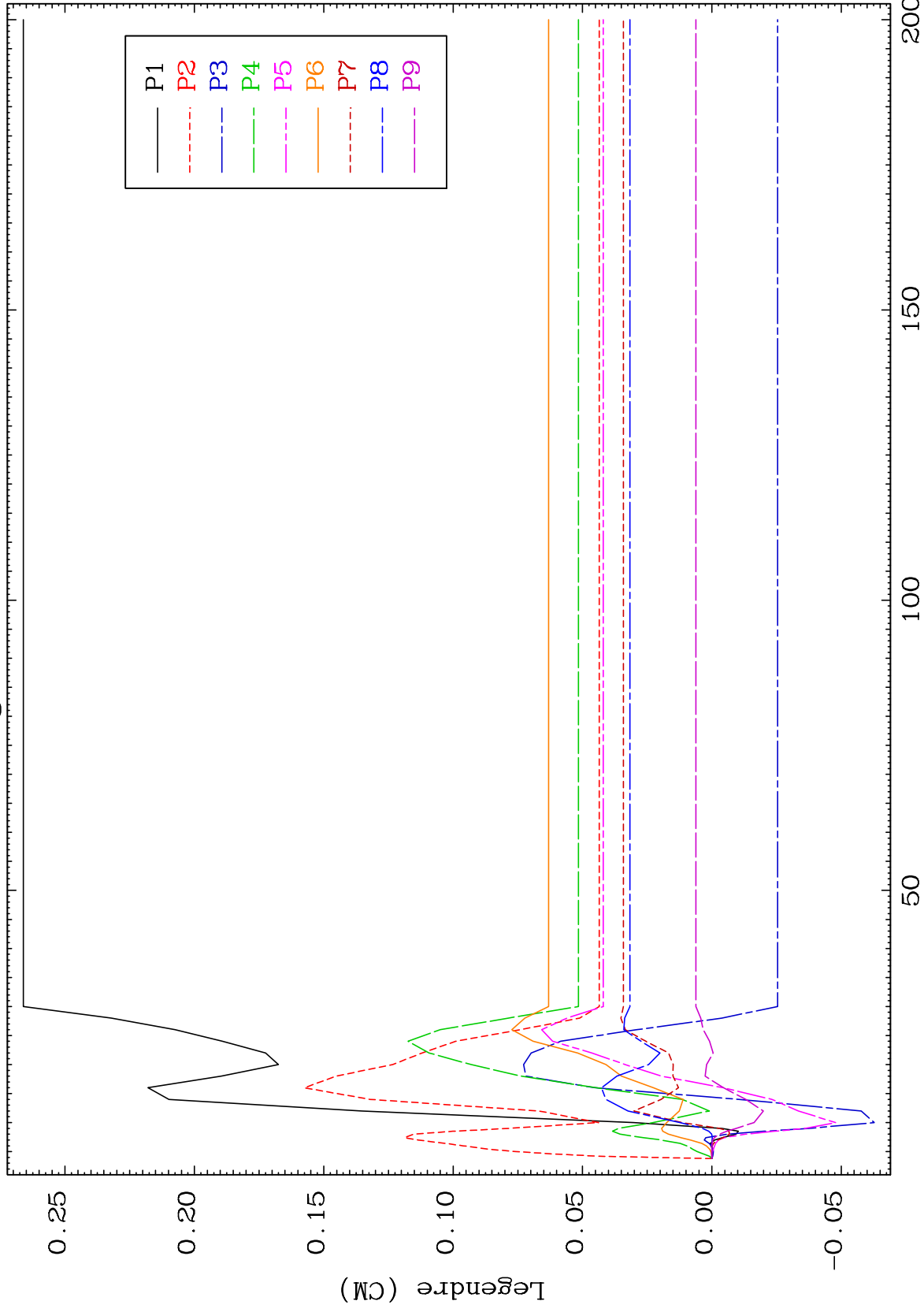
50-Sn-128



MAT 5073

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

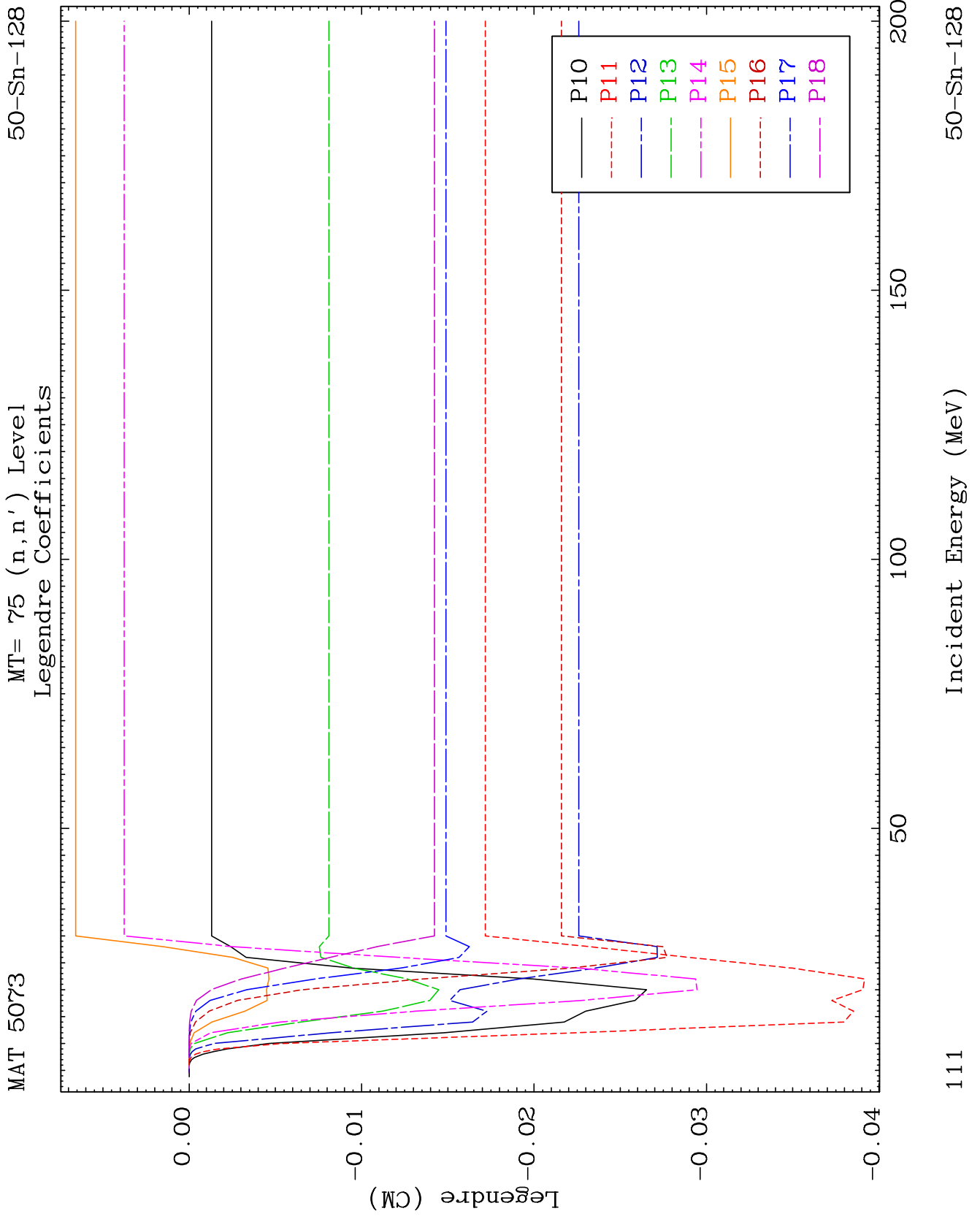
50-Sn-128



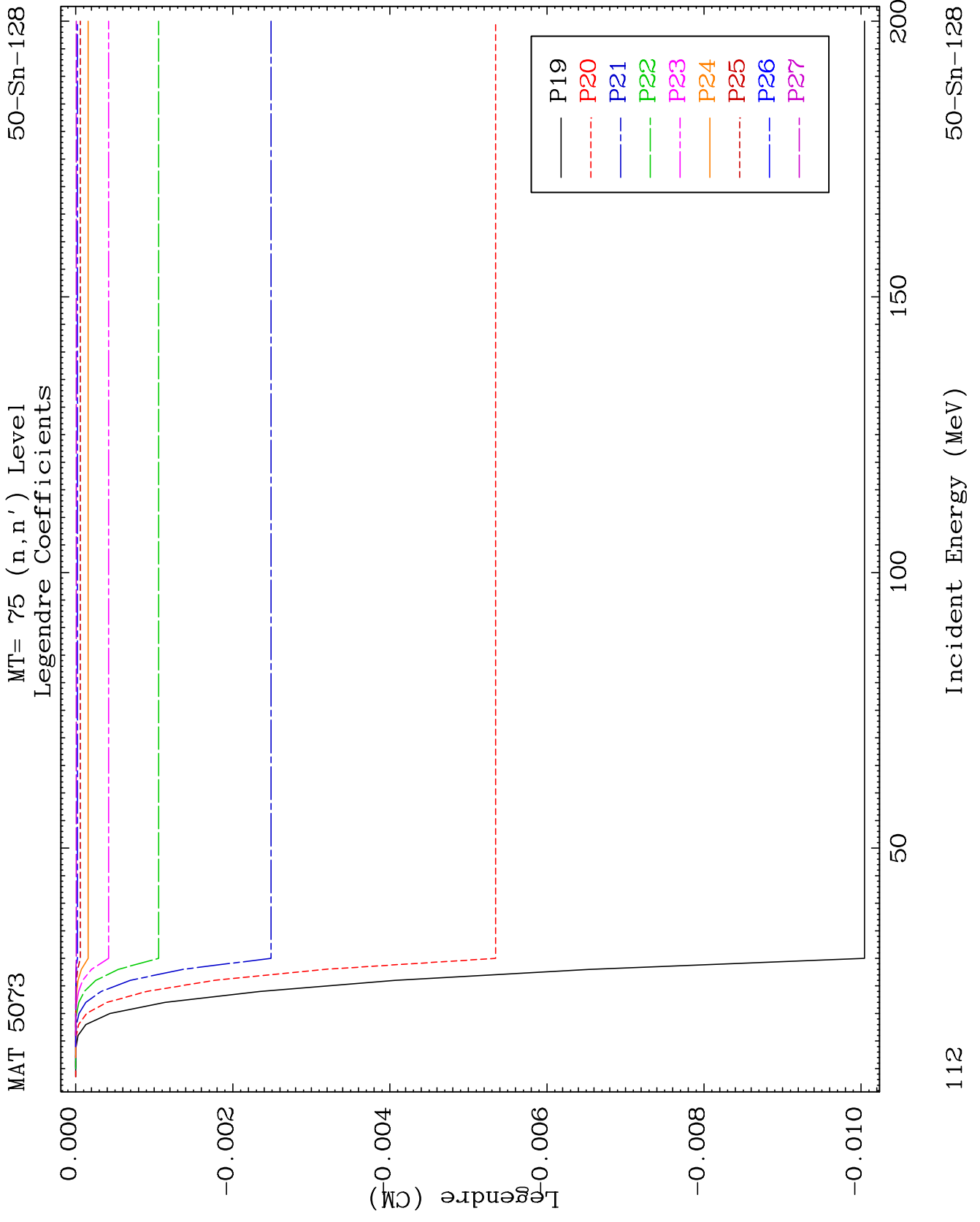
110

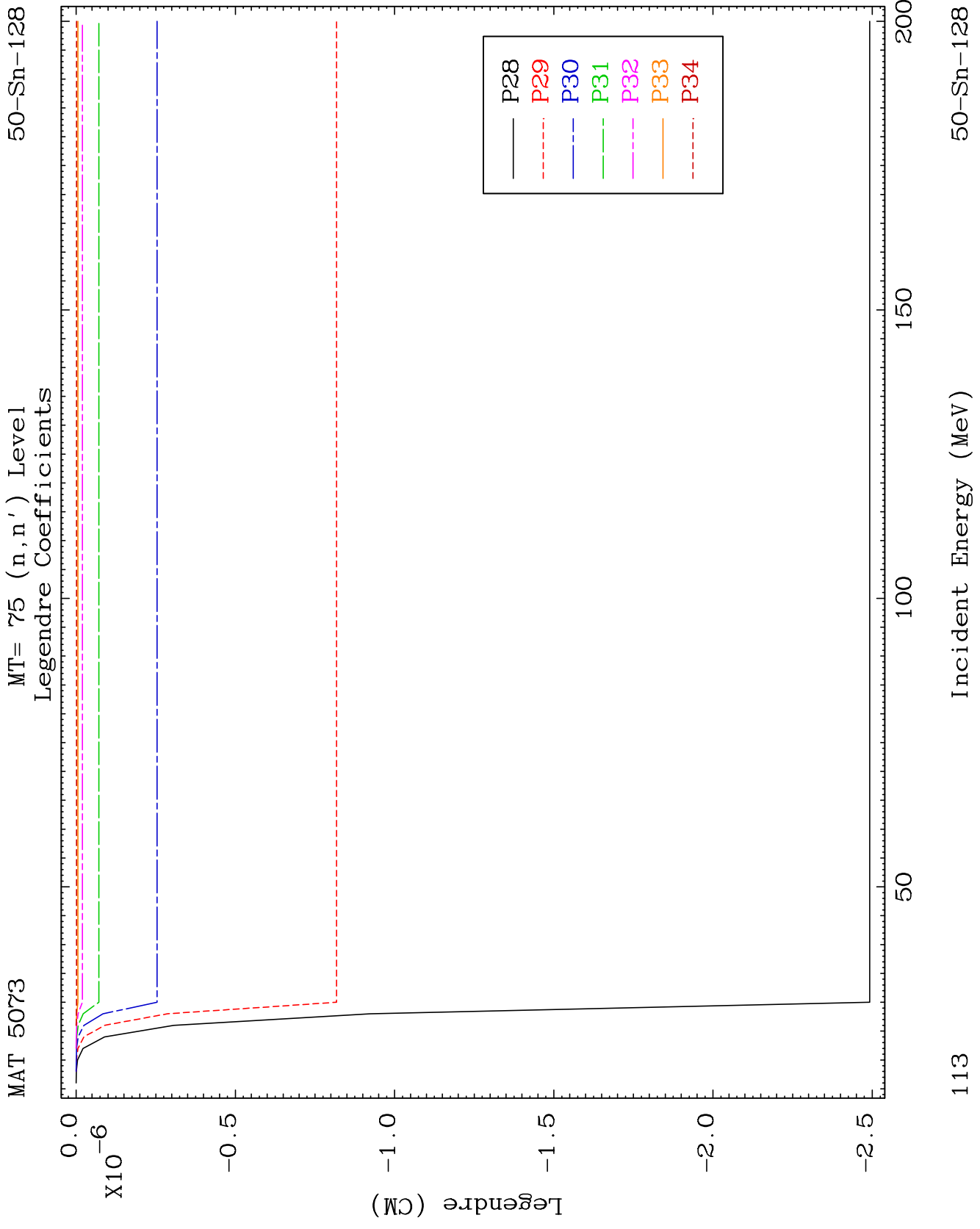
Incident Energy (MeV)

50-Sn-128





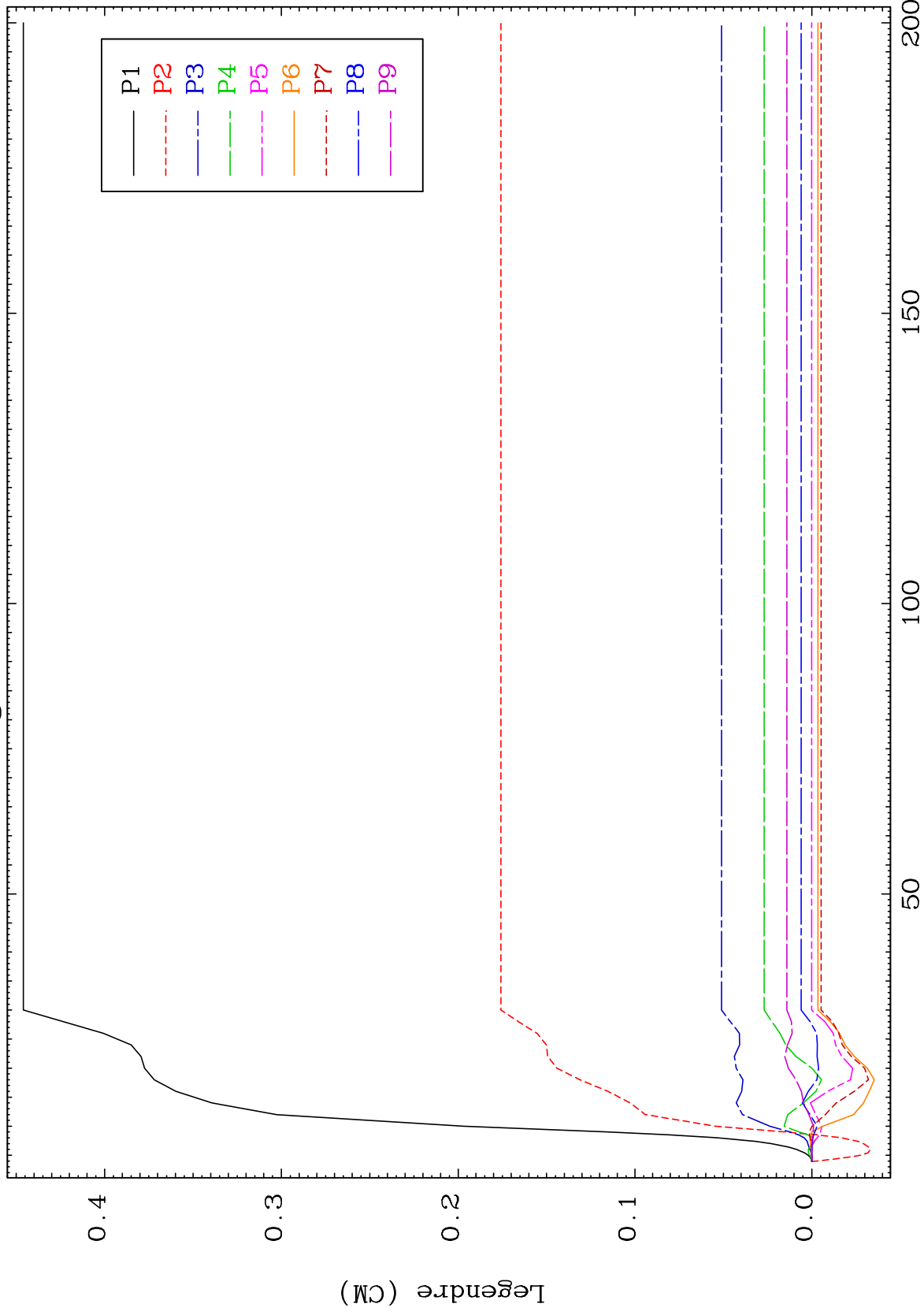




MAT 5073

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

50-Sn-128



114

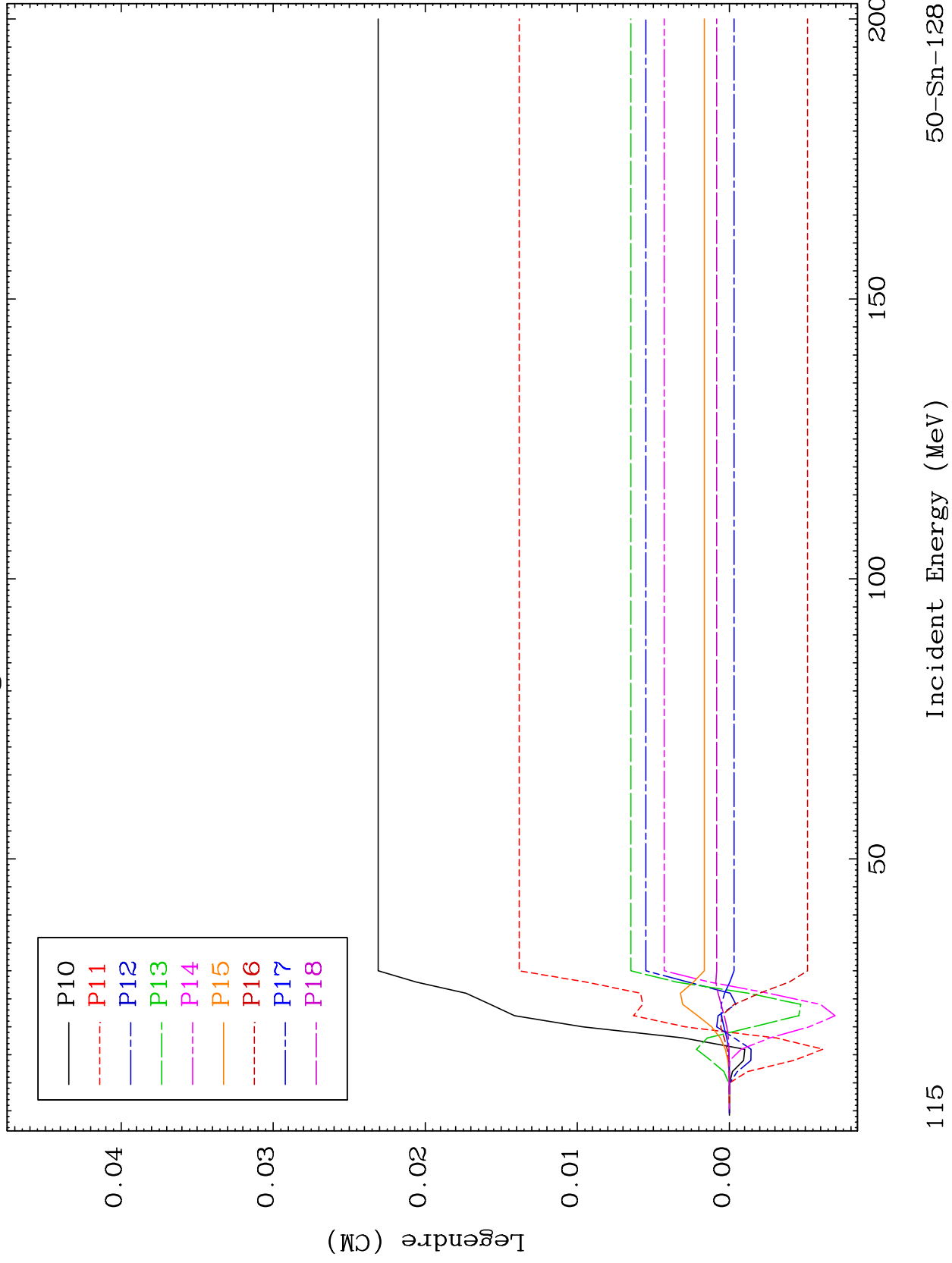
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



115

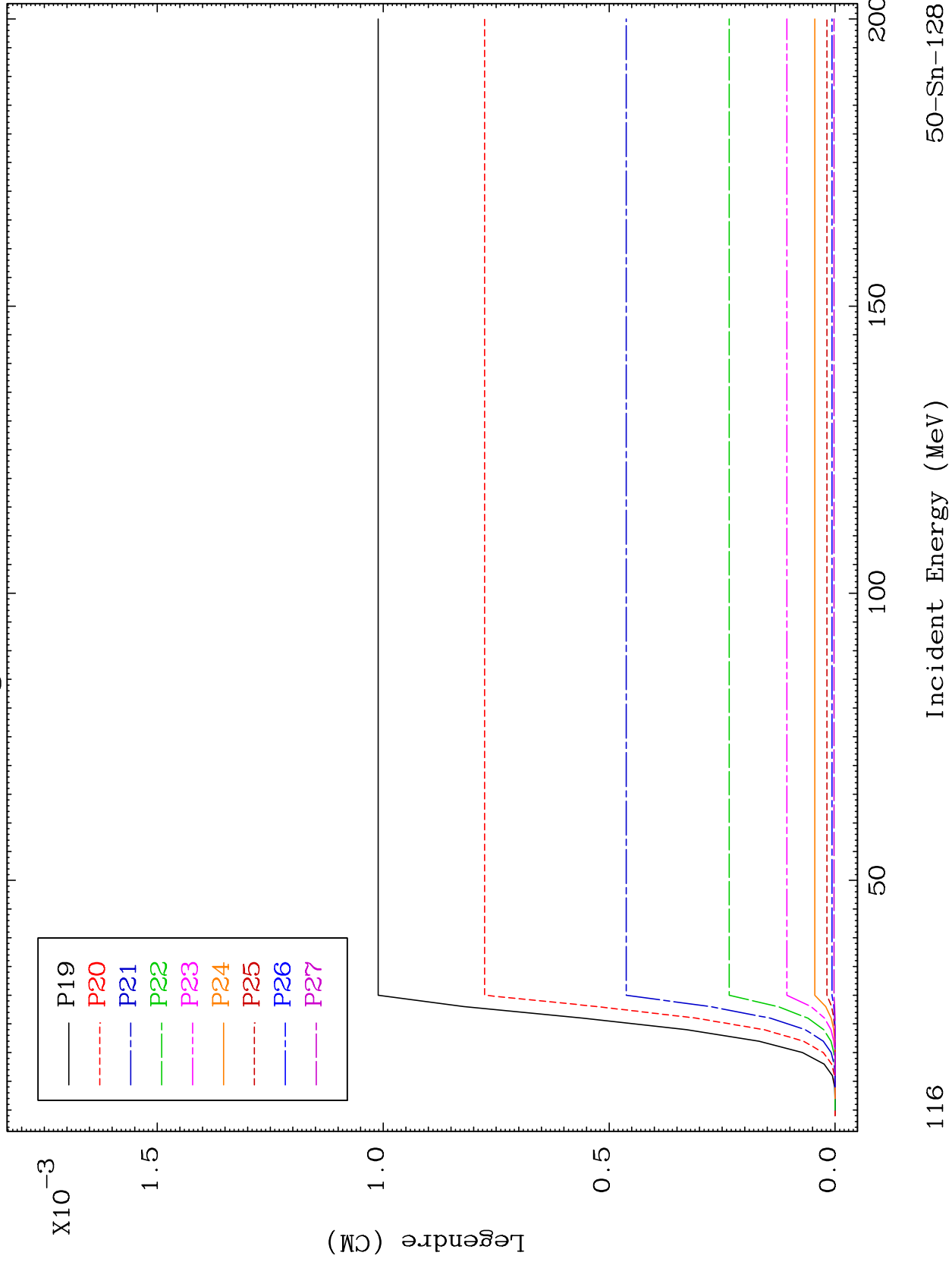
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



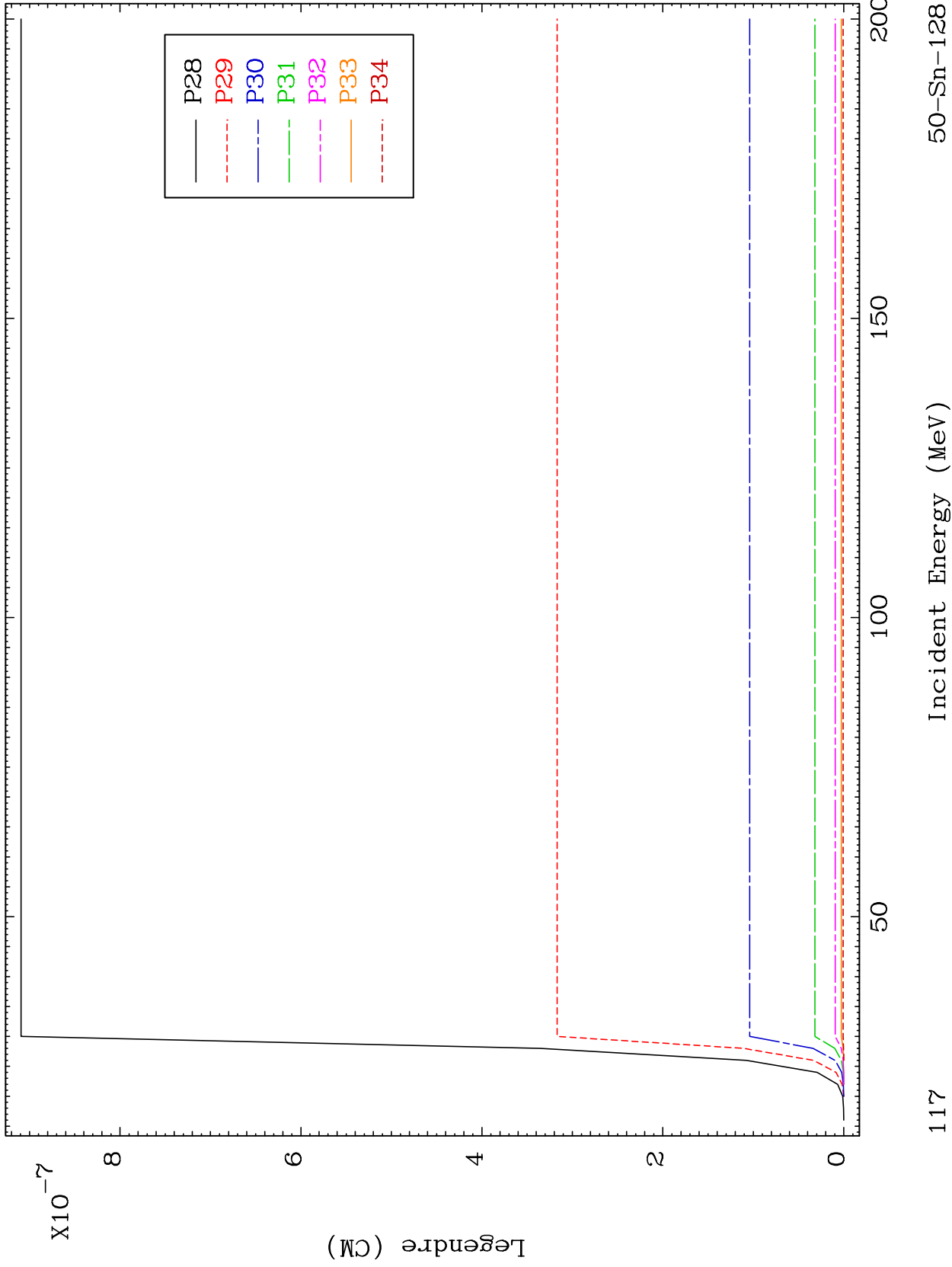
116

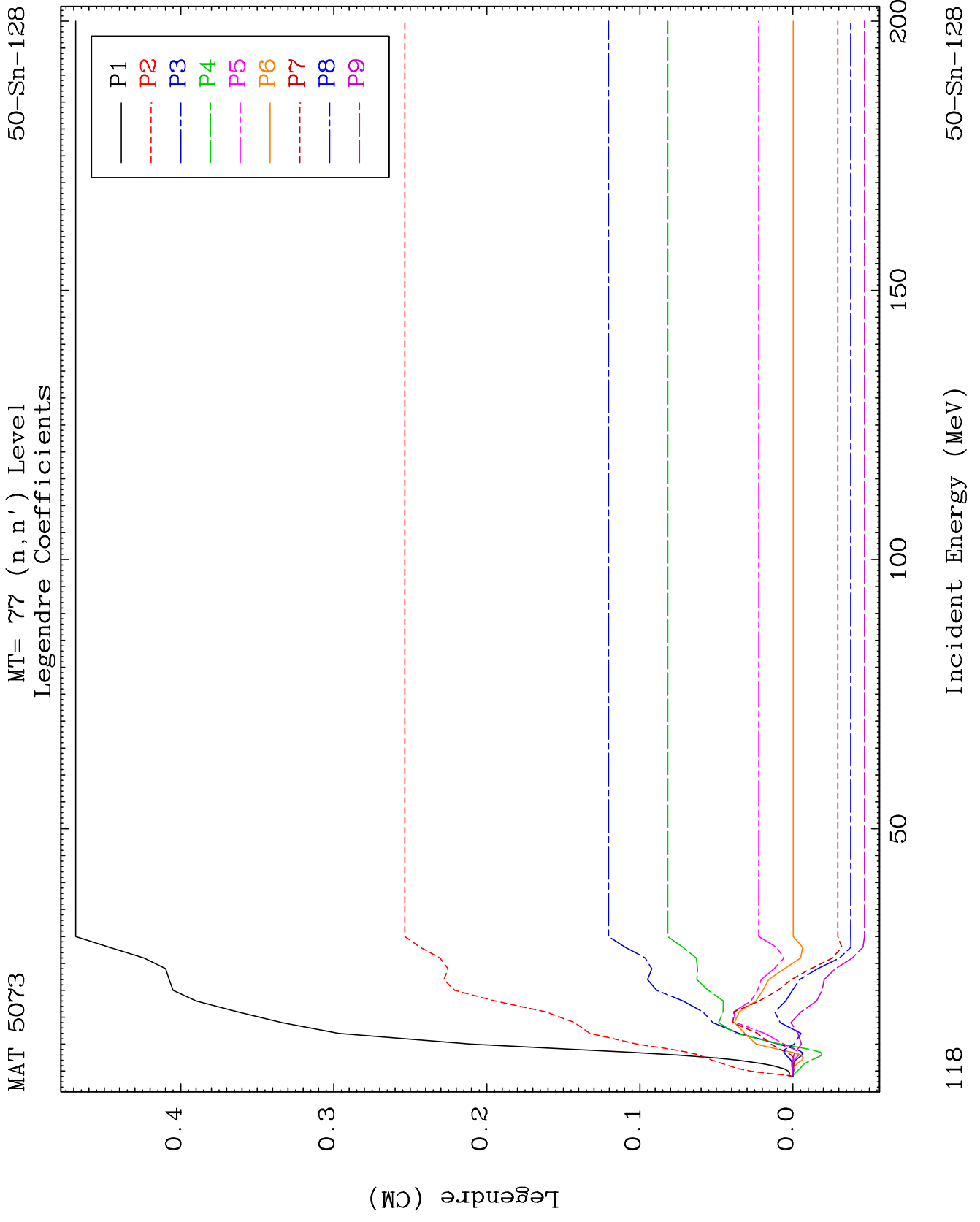
50-Sn-128

MAT 5073

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

50-Sn-128

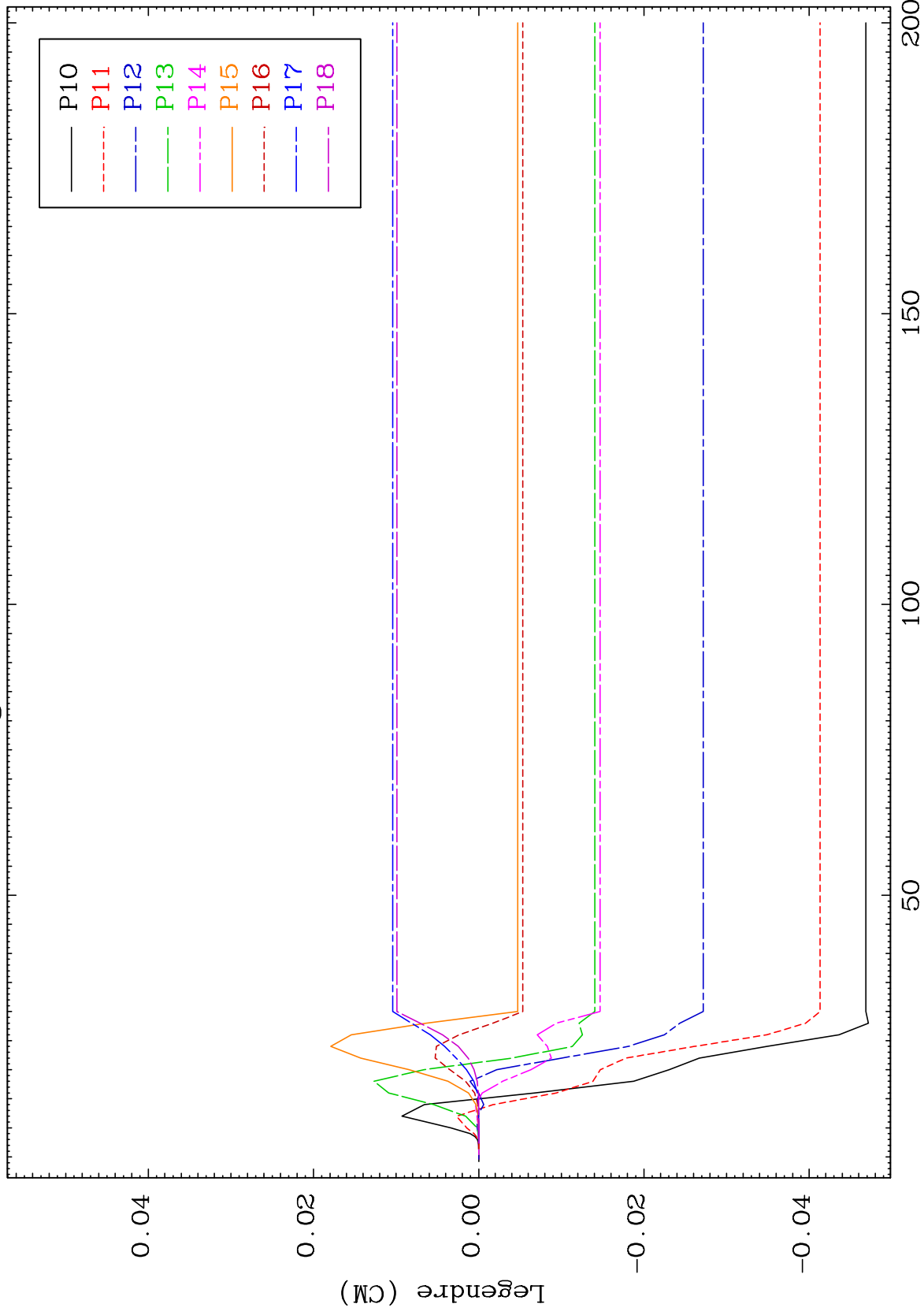




MAT 5073

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

50-Sn-128



119

Incident Energy (MeV)

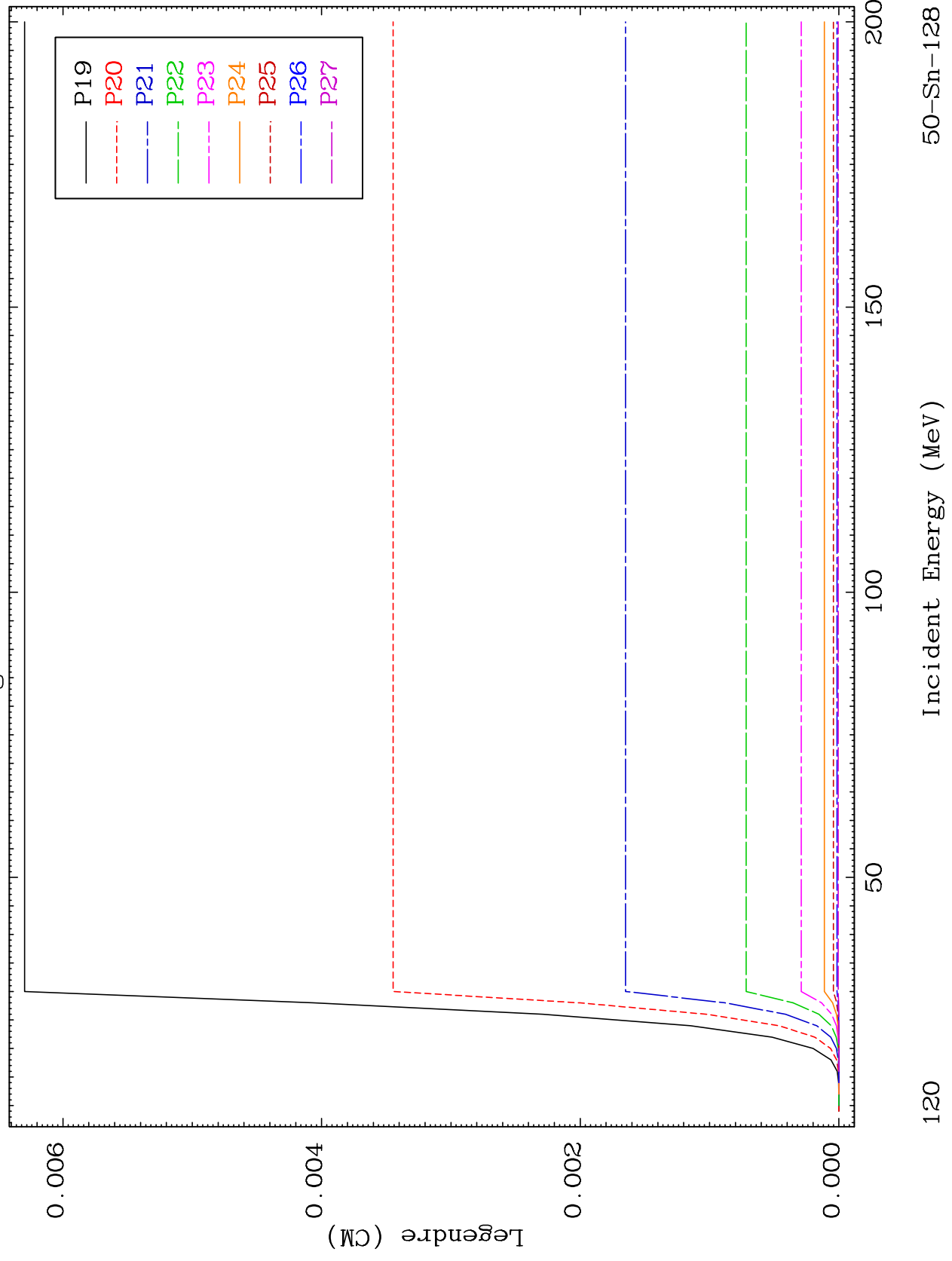
50-Sn-128



MAT 5073

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

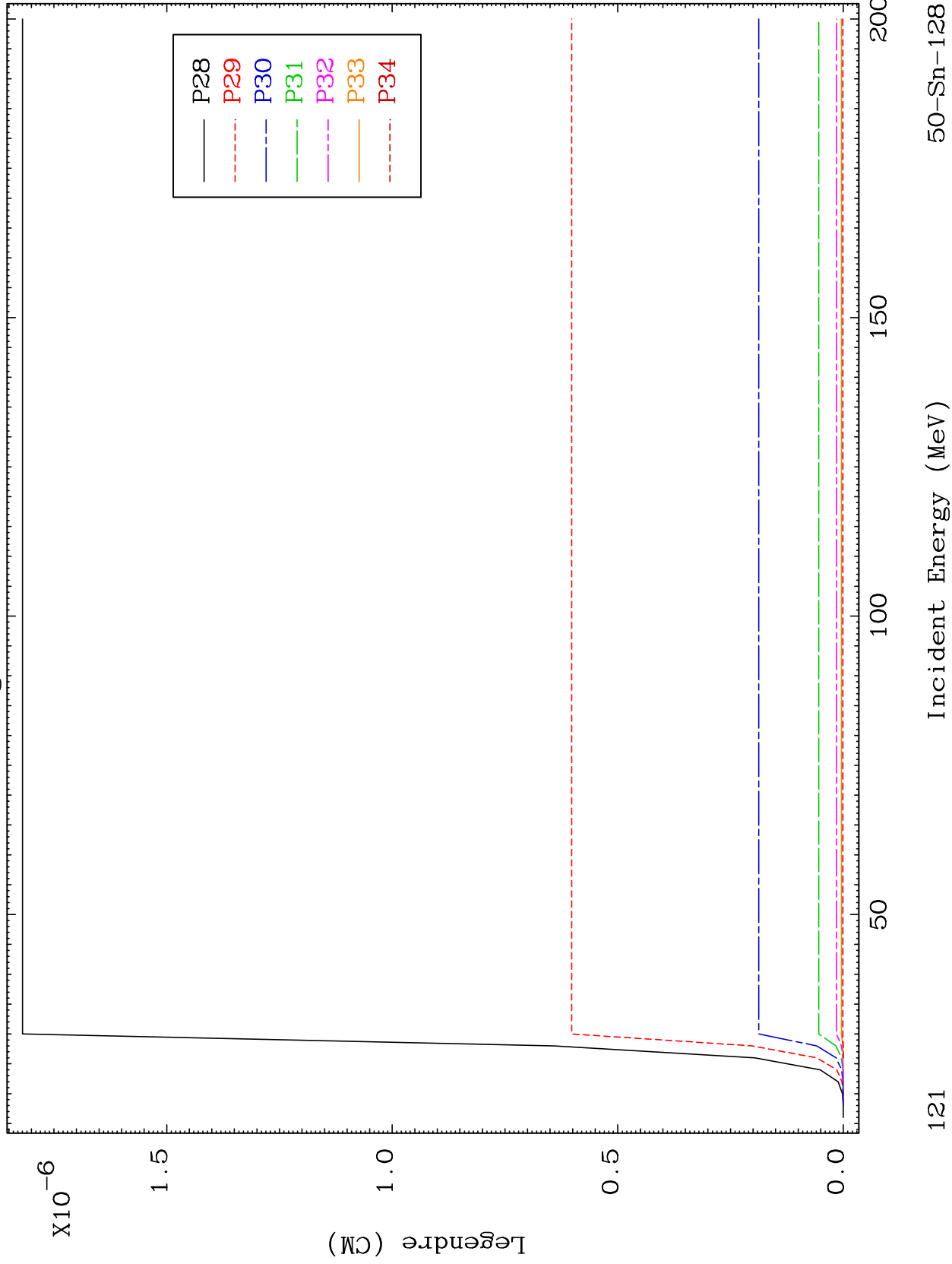
50-Sn-128



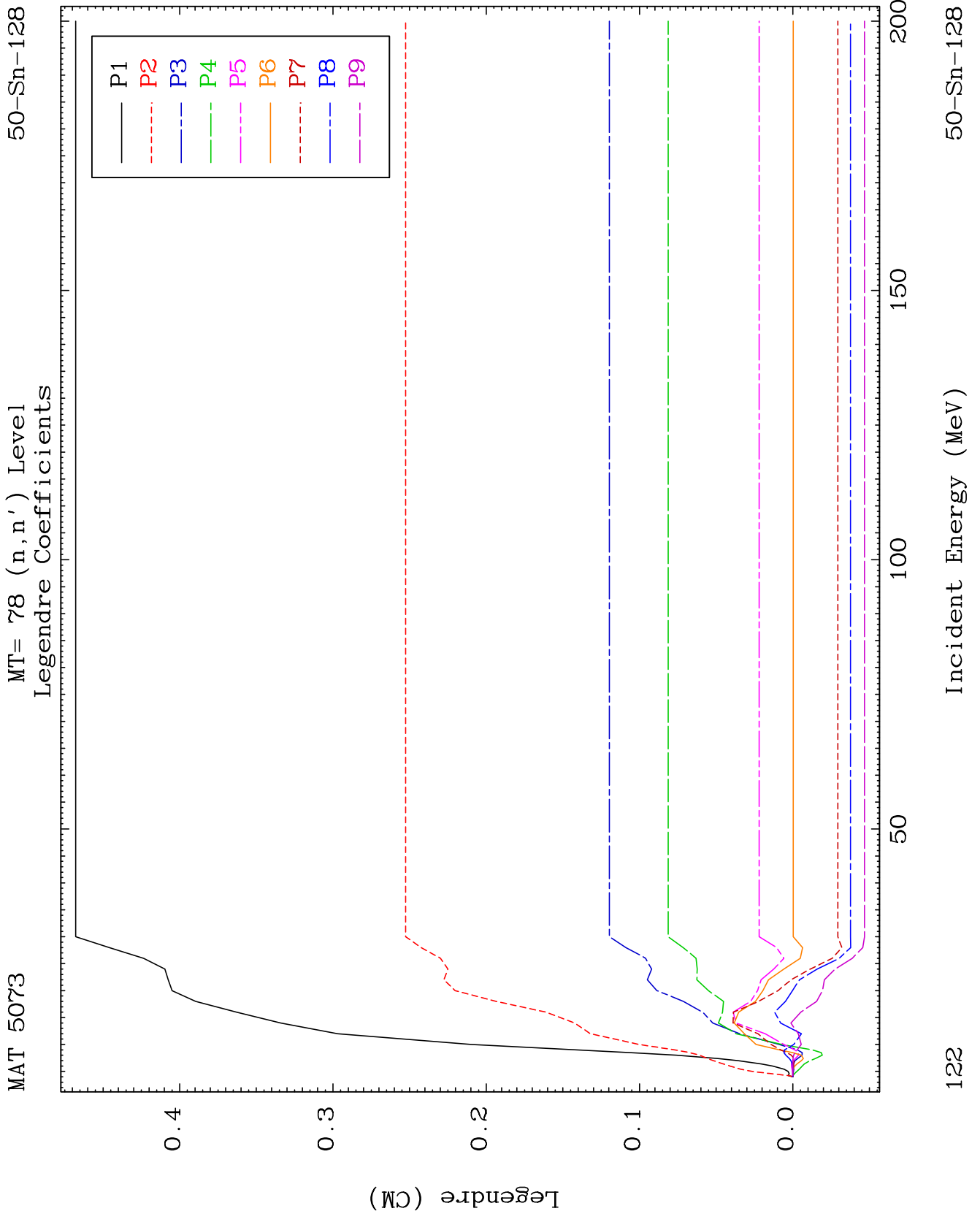
MAT 5073

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

50-Sn-128



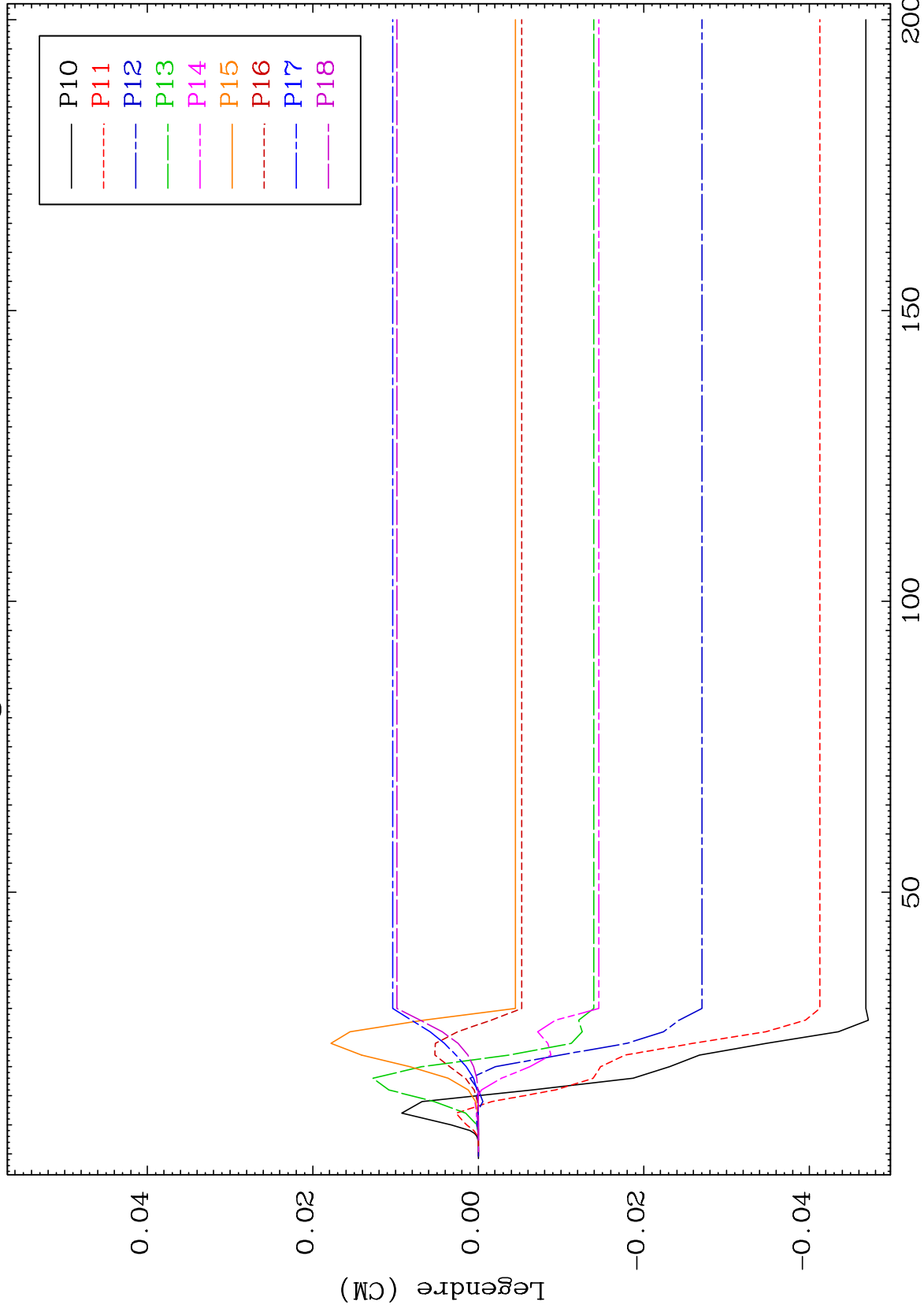
121



MAT 5073

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

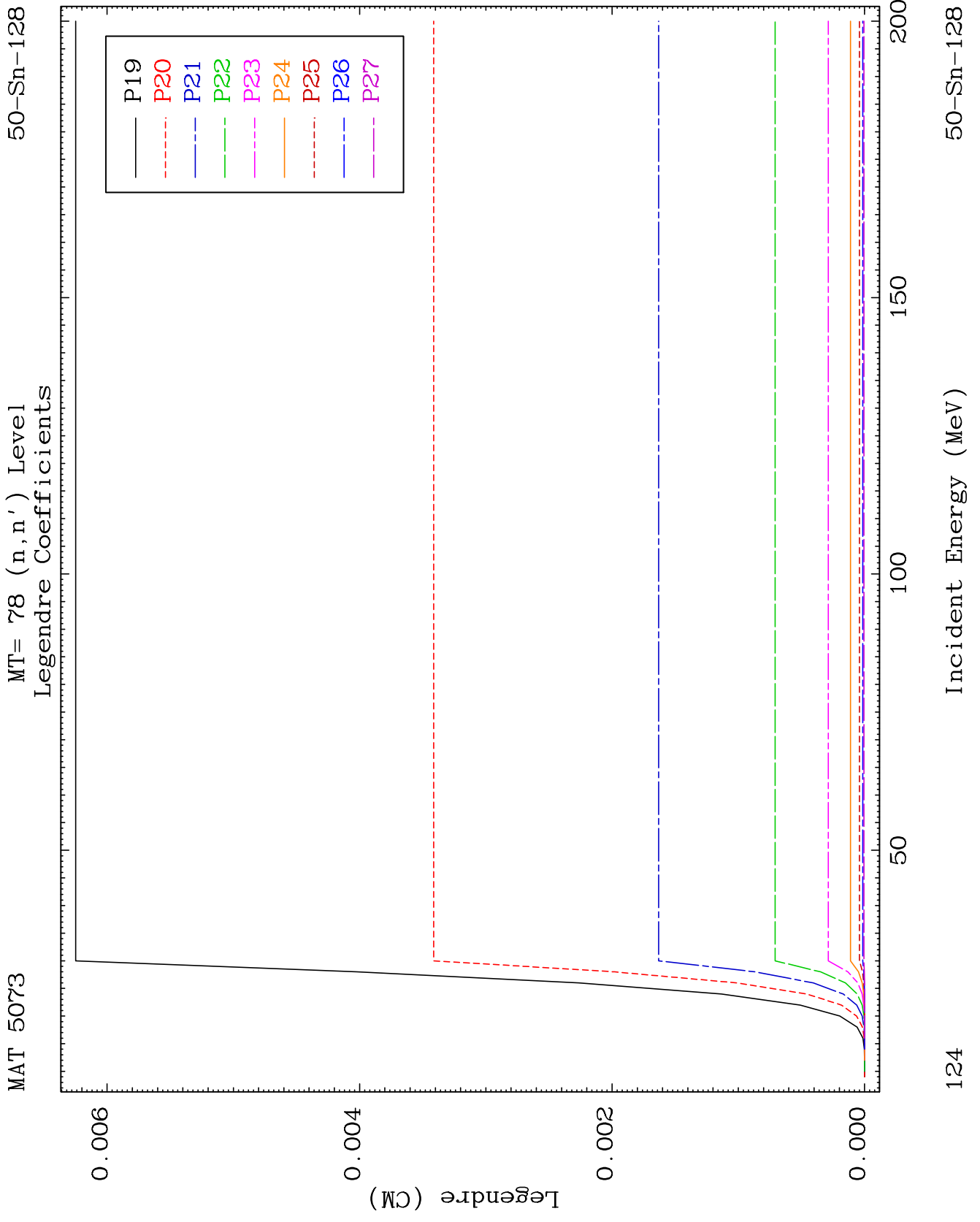
50-Sn-128

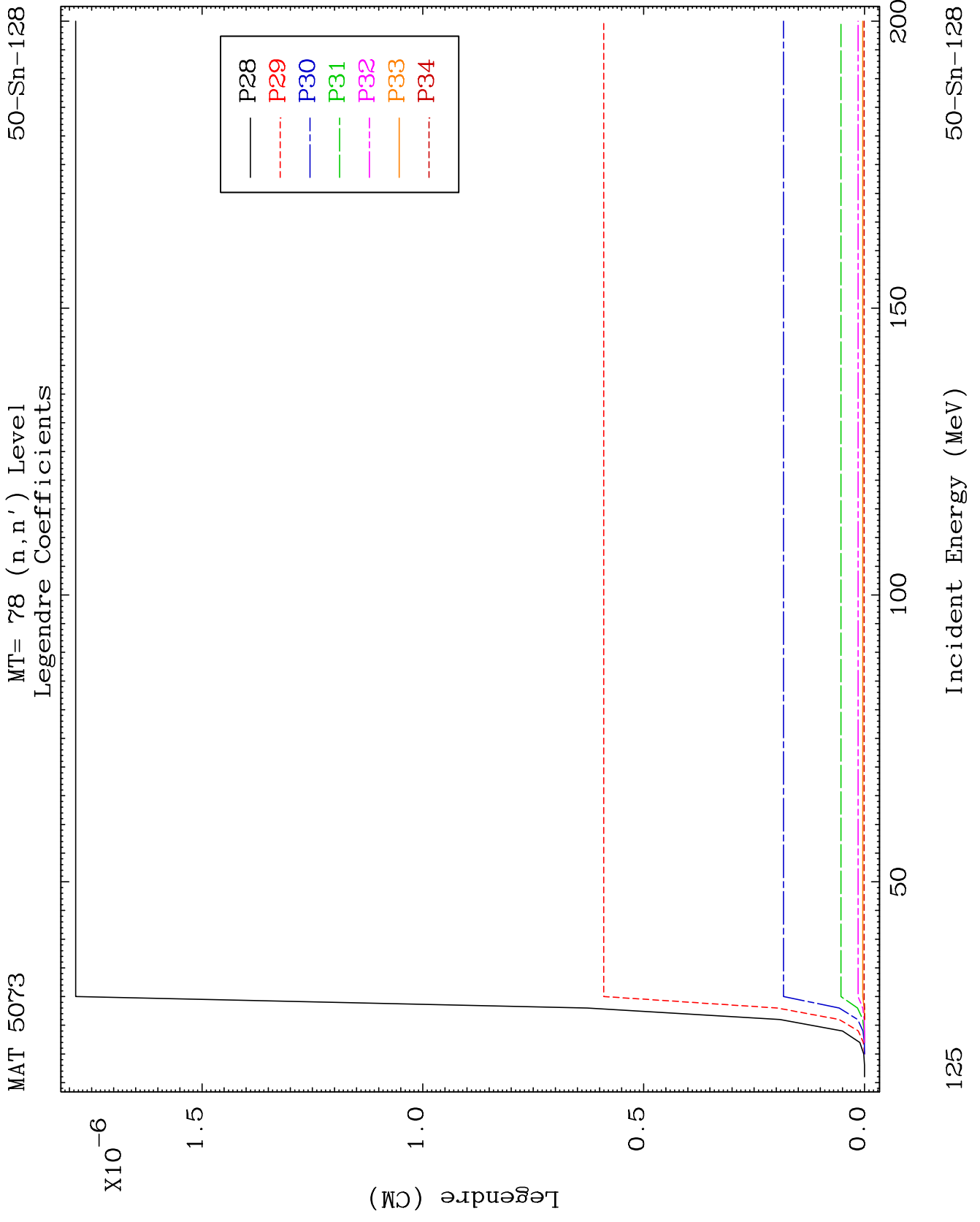


123

Incident Energy (MeV)

50-Sn-128

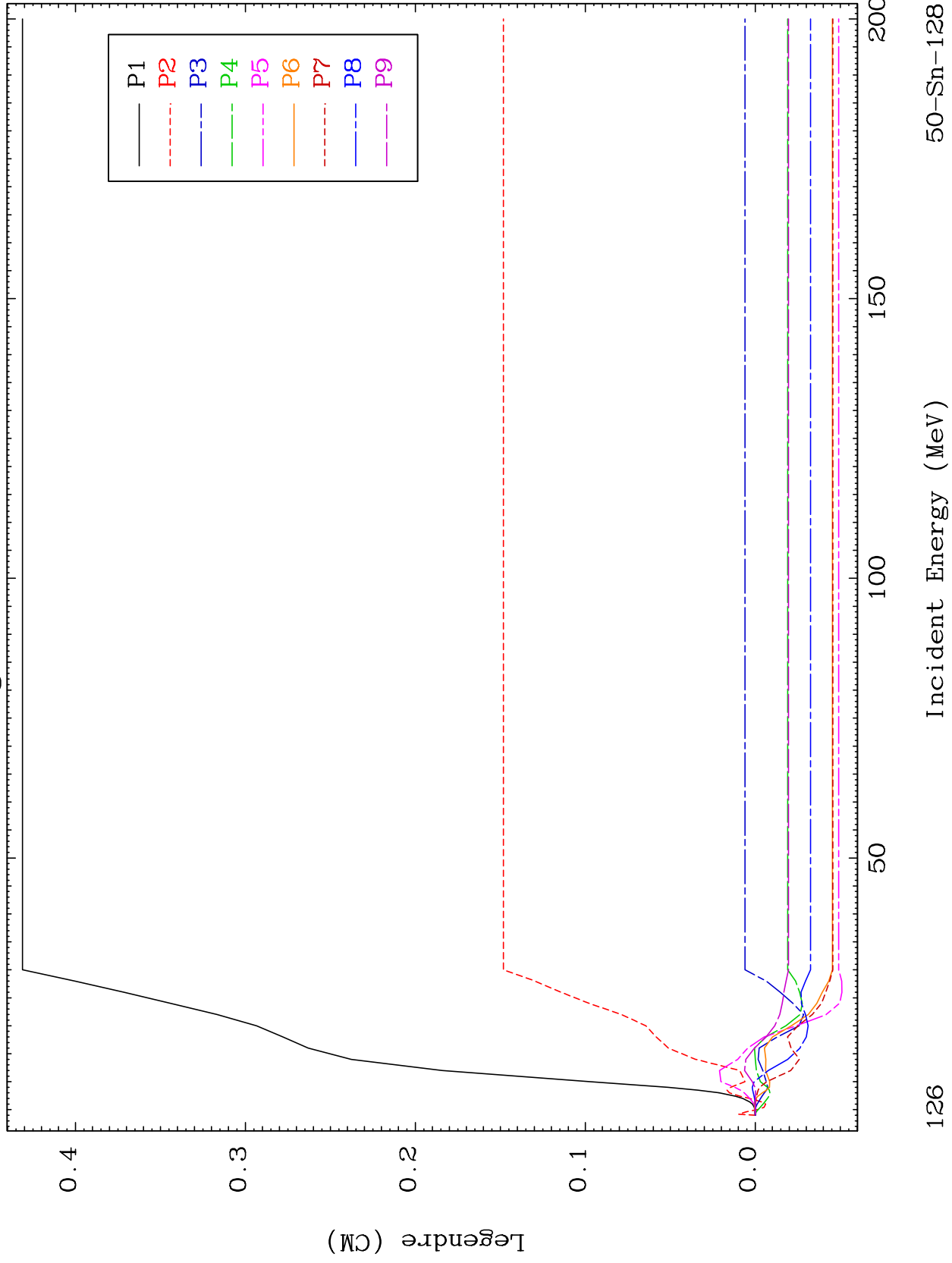




MAT 5073

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

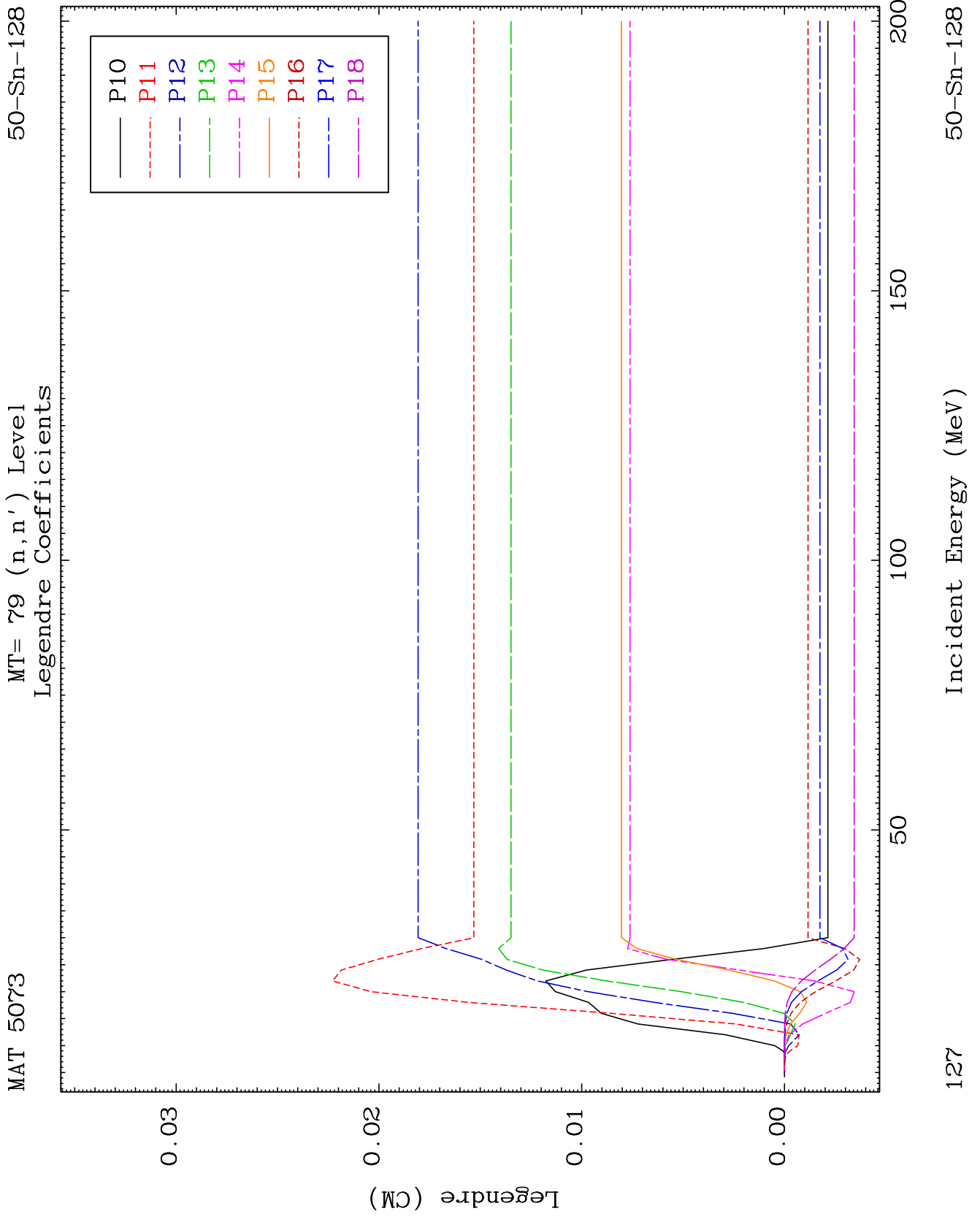
50-Sn-128



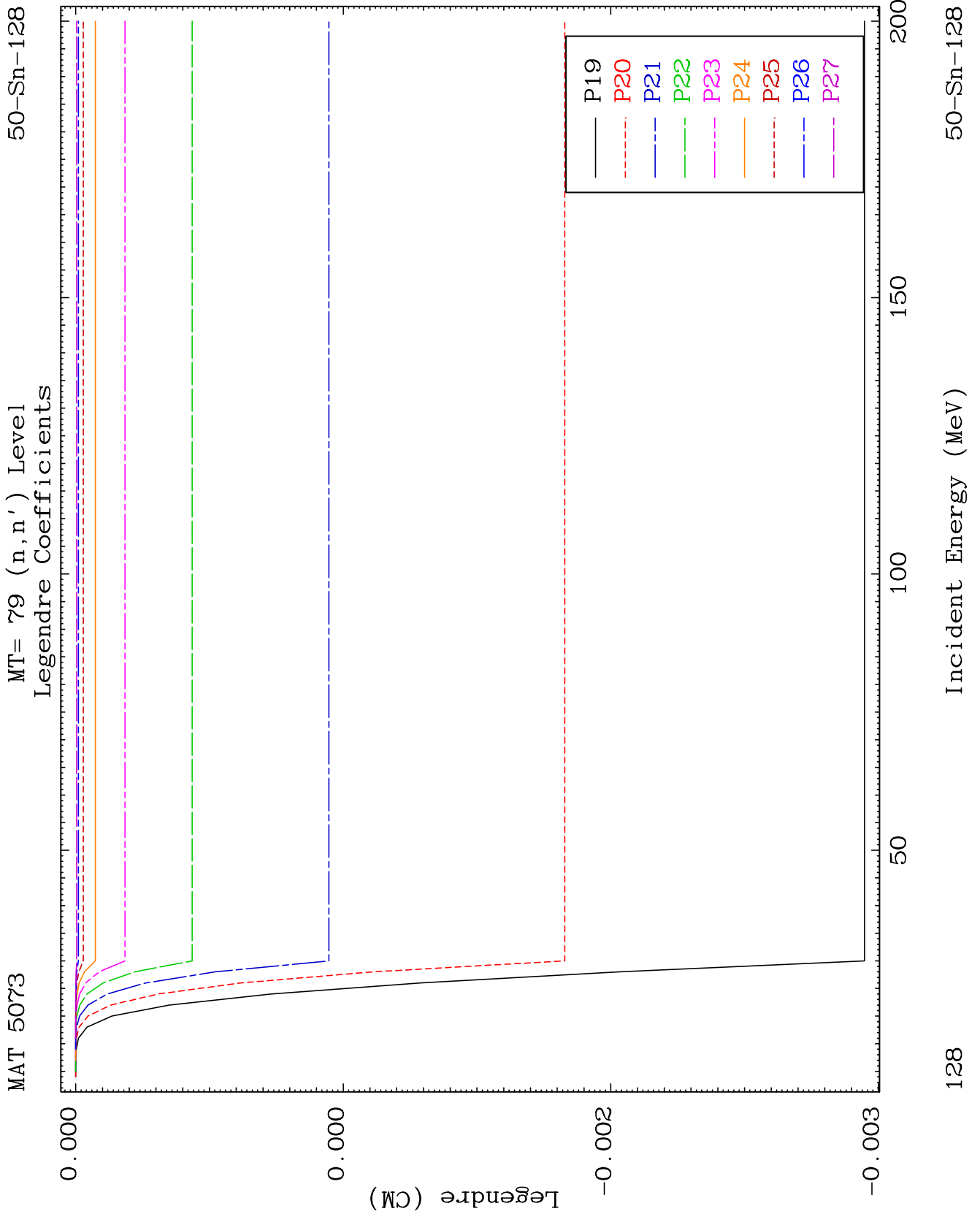
126

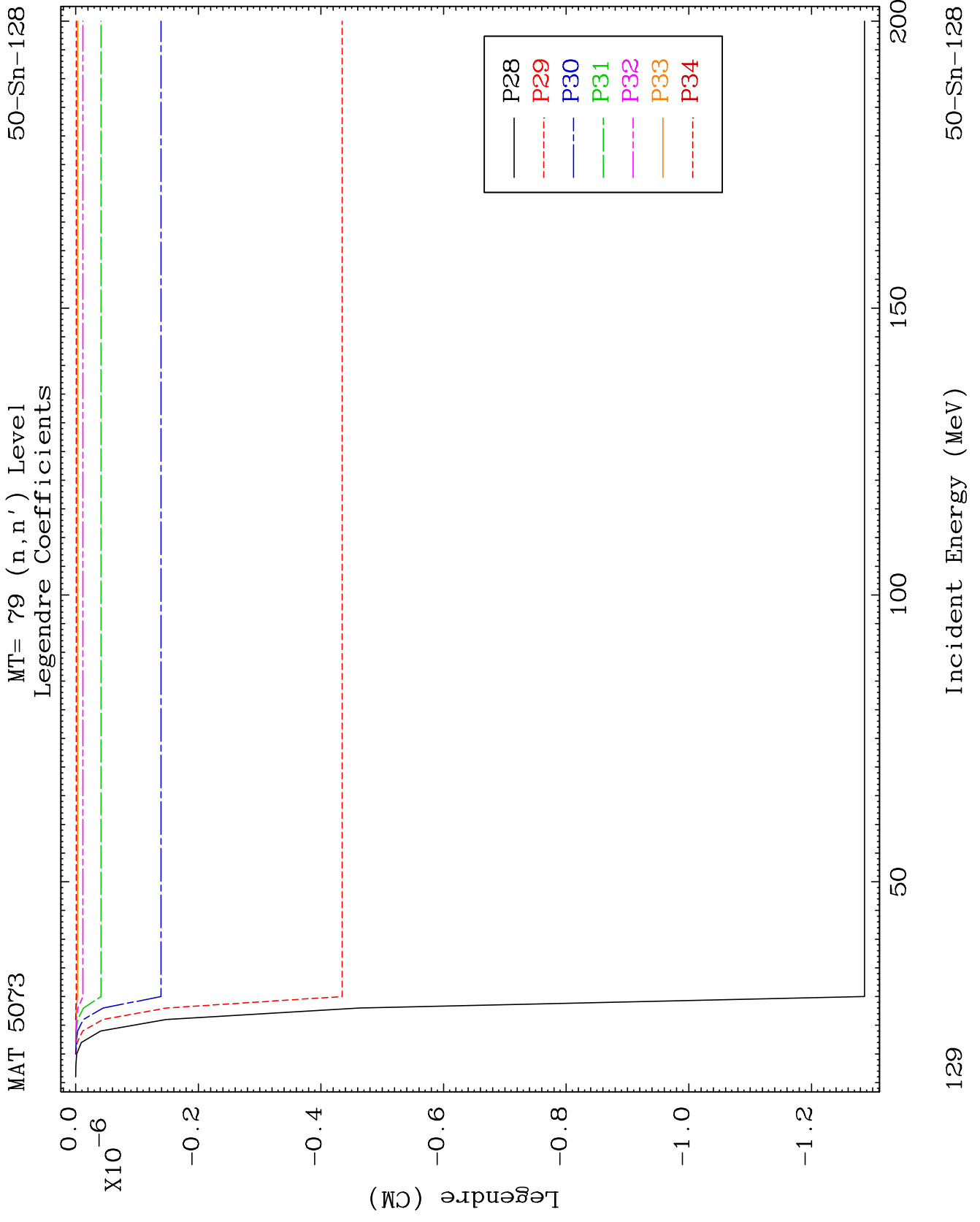
Incident Energy (MeV)

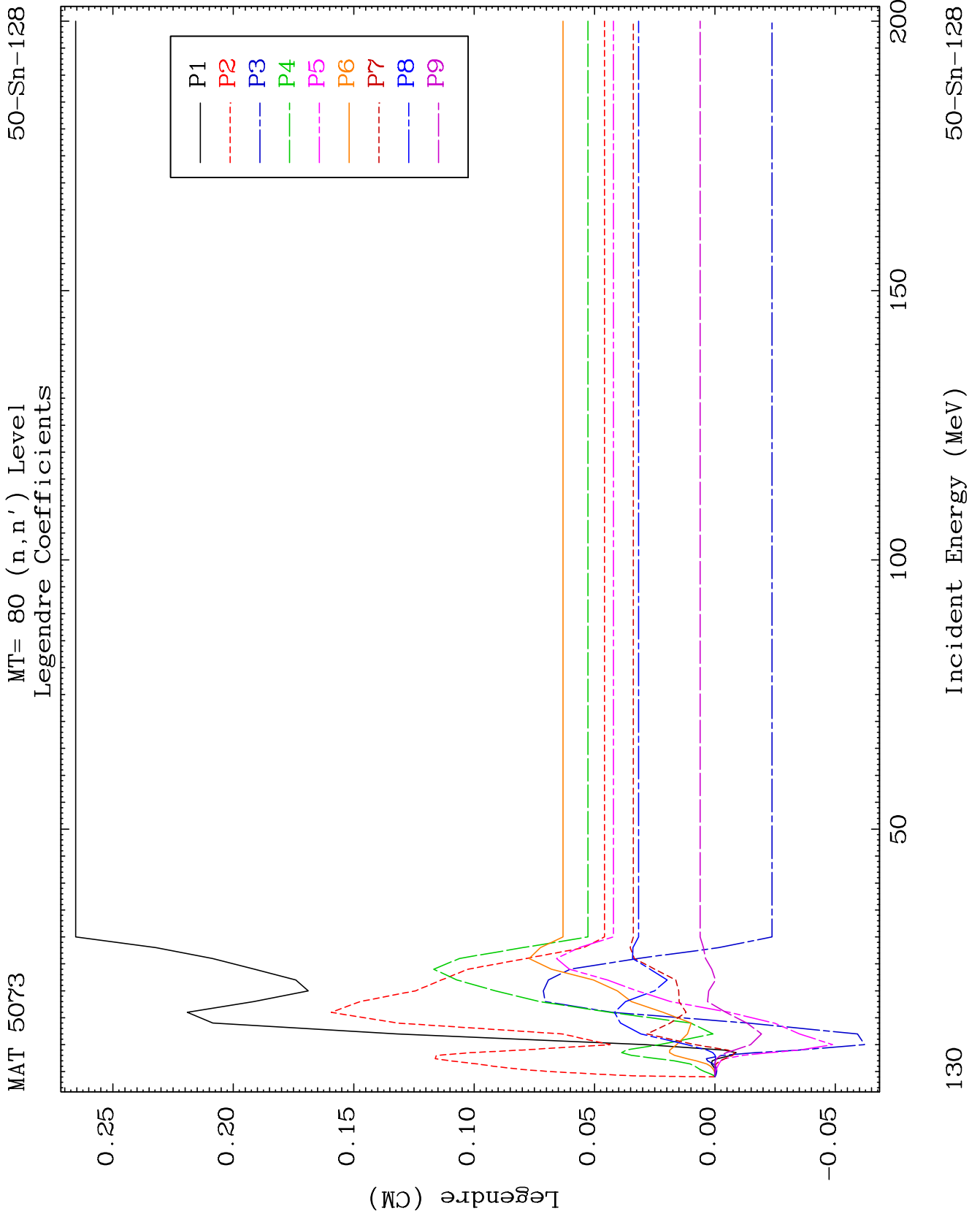
50-Sn-128







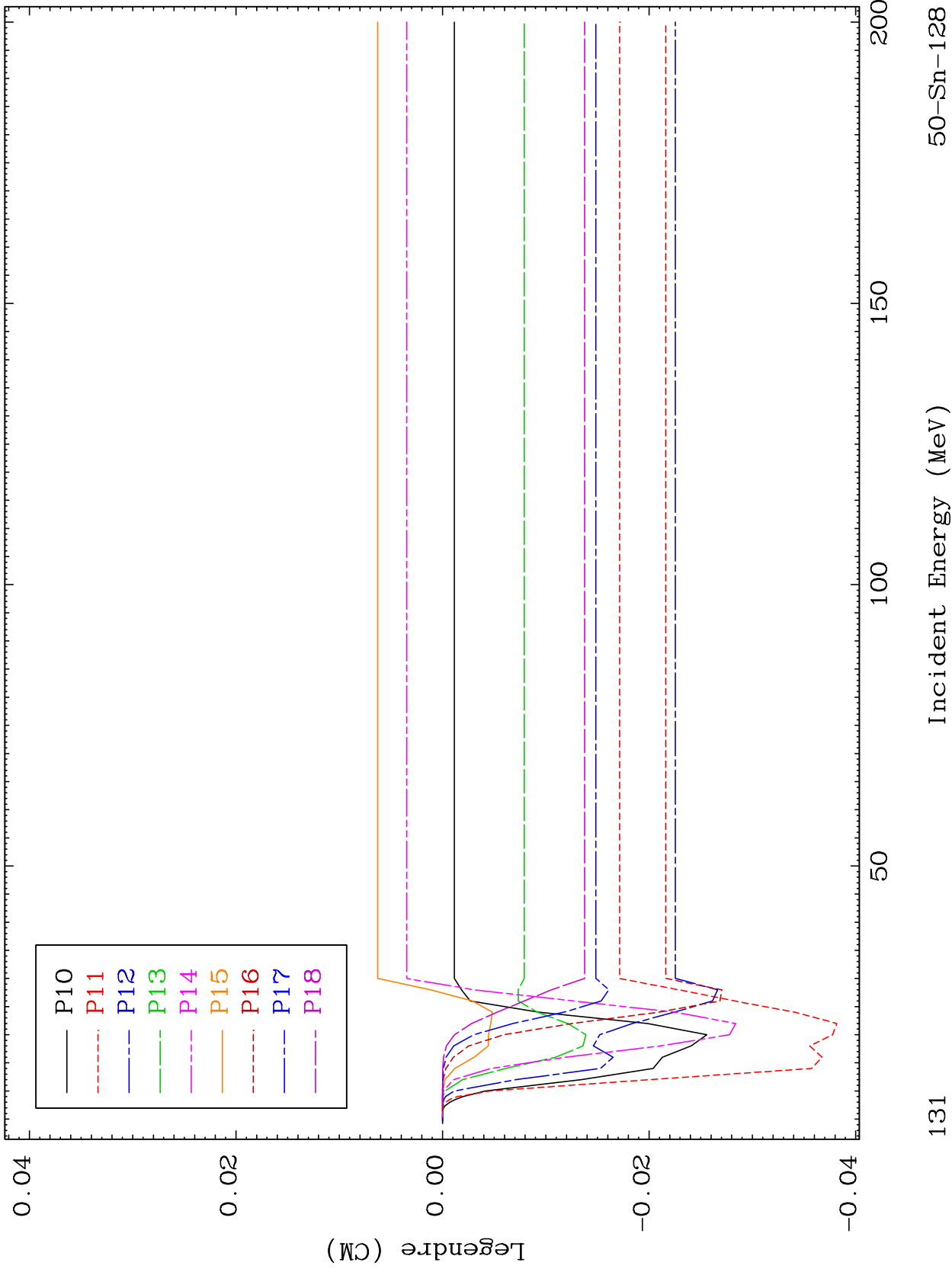




MAT 5073

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

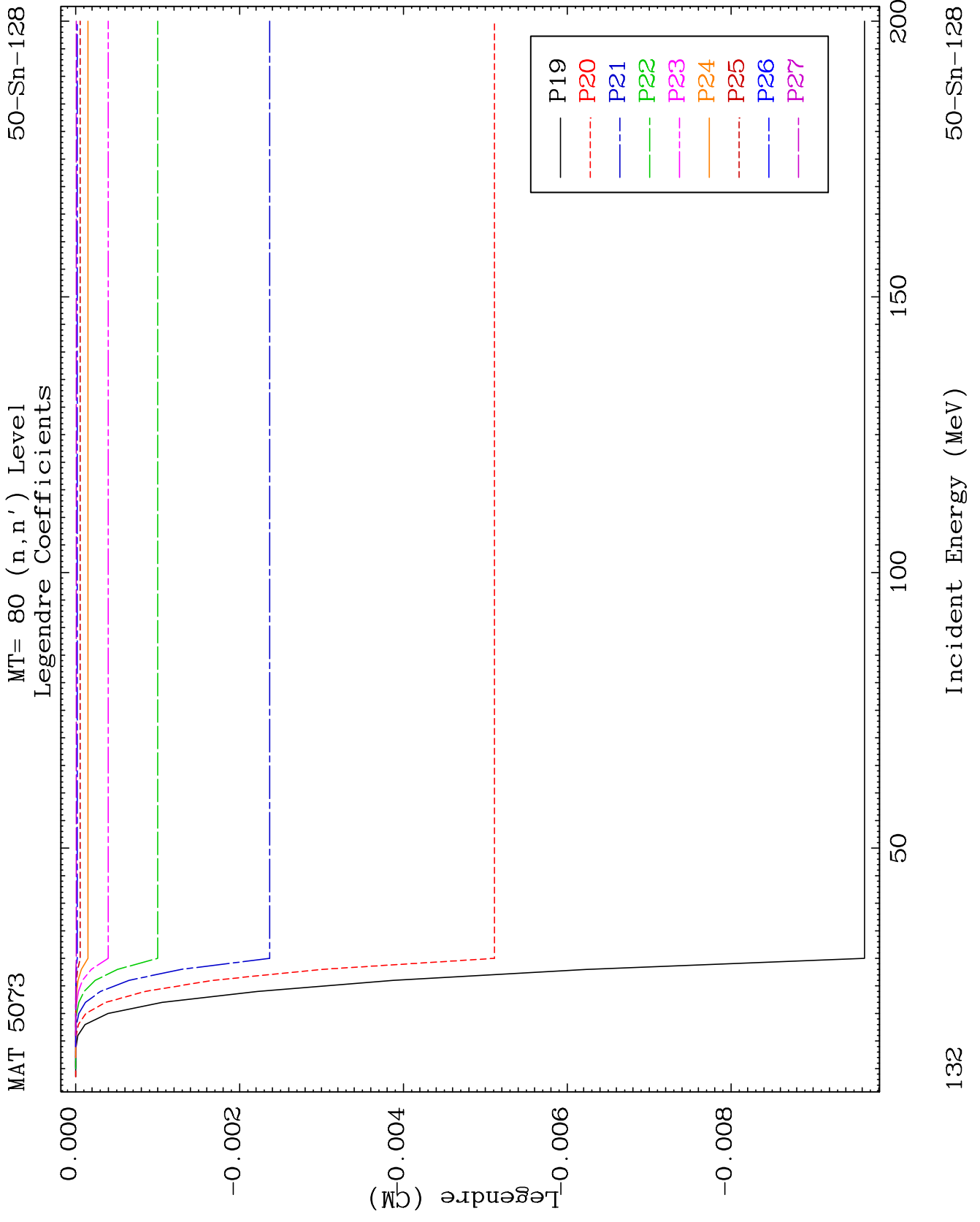
50-Sn-128

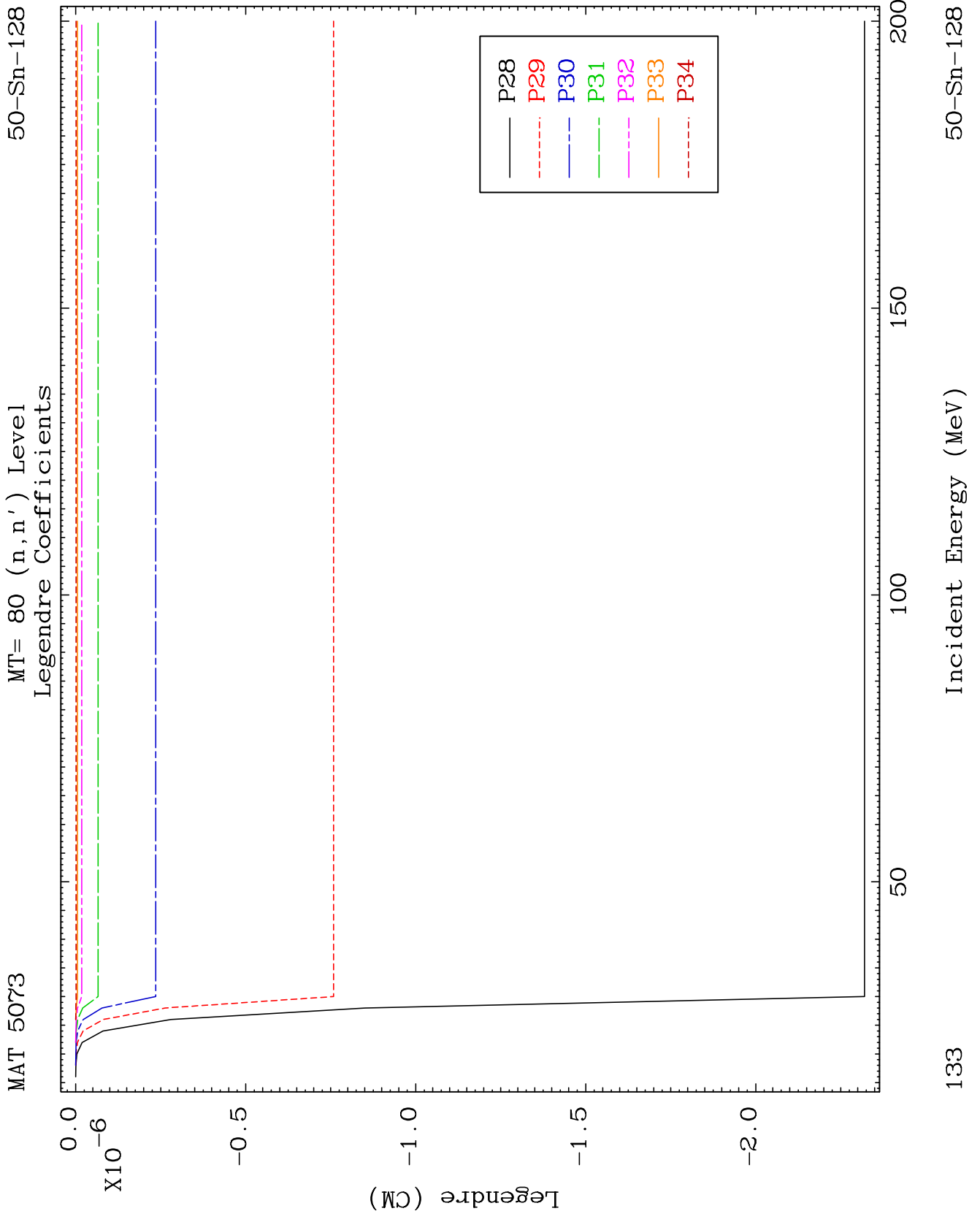


131

Incident Energy (MeV)

50-Sn-128

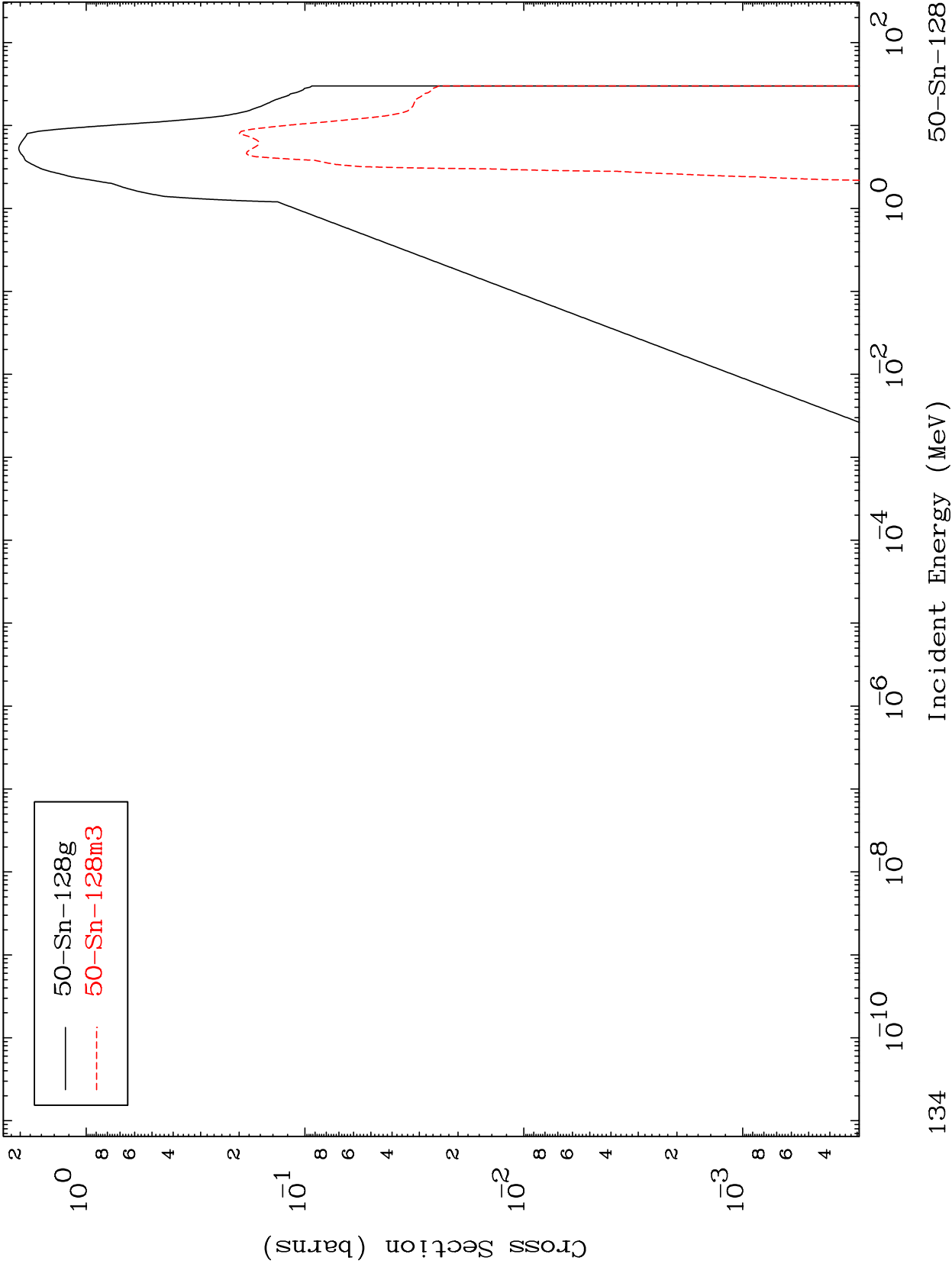




MAT 5073

Inelastic  
Radionuclide Production Cross Section

50-Sn-128

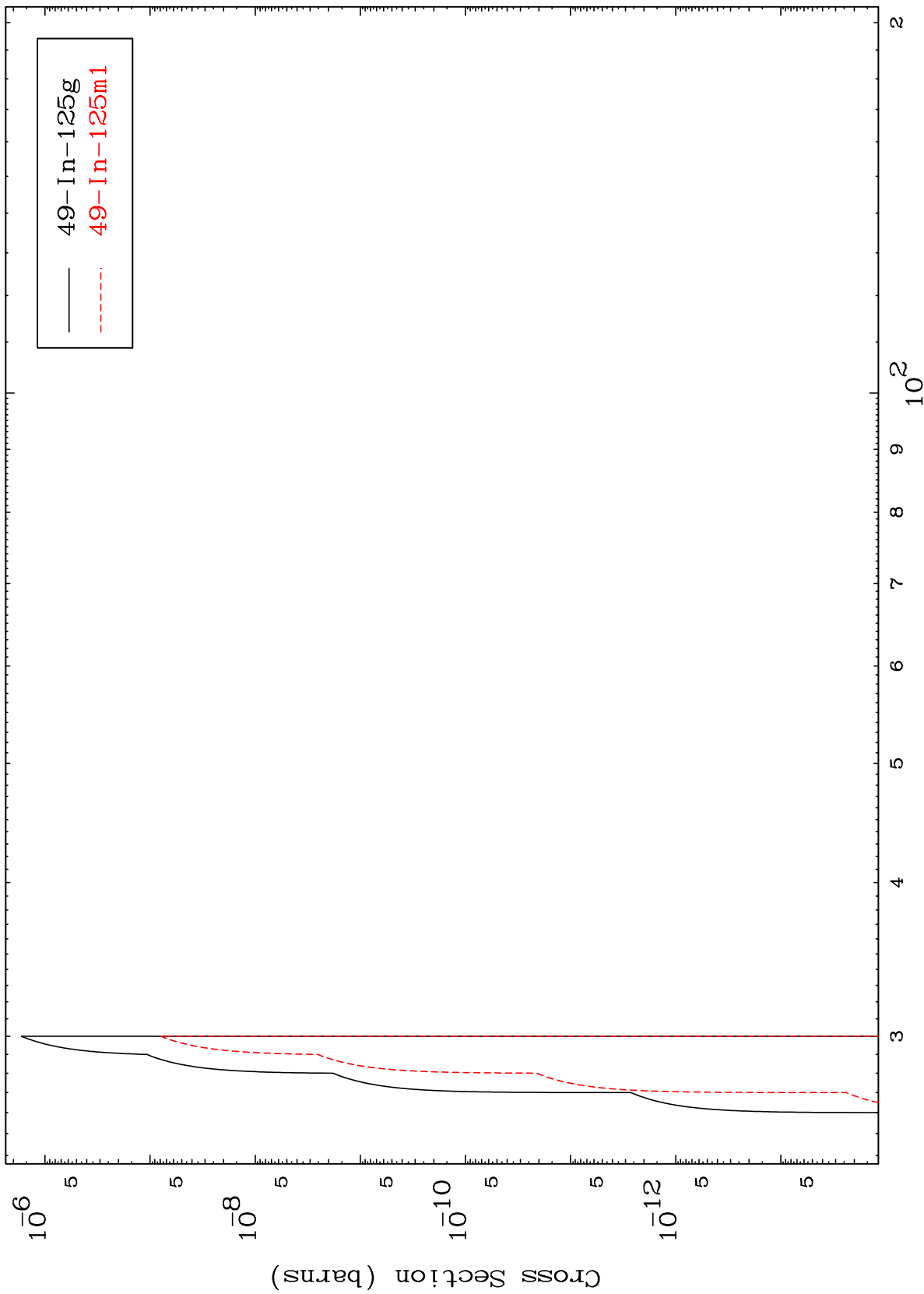


MAT 5073

(n,2n) d

50-Sn-128

Radionuclide Production Cross Section



135

Incident Energy (MeV)

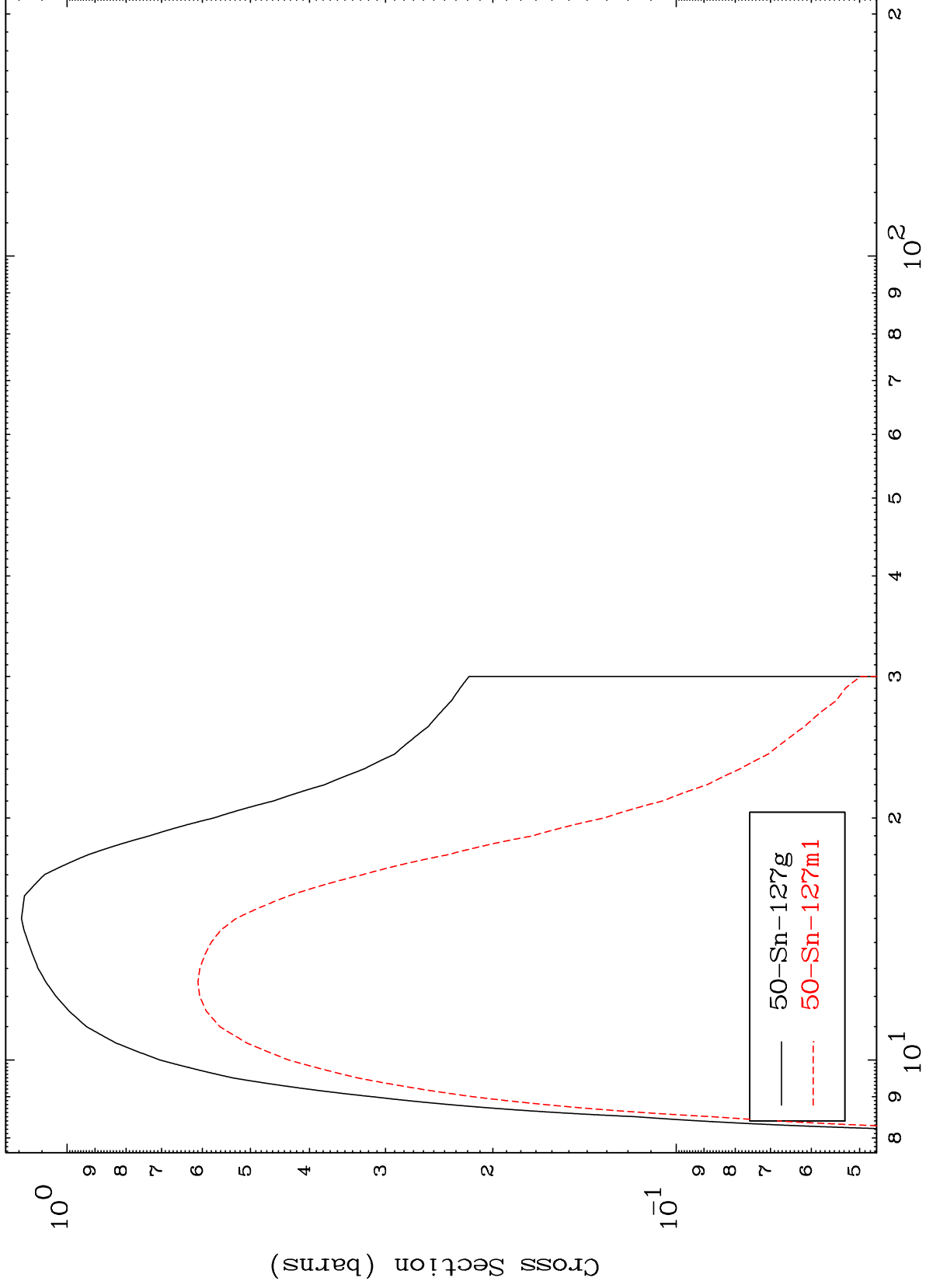
50-Sn-128



MAT 5073

50-Sn-128

(n,2n)  
Radionuclide Production Cross Section



50-Sn-128

Incident Energy (MeV)

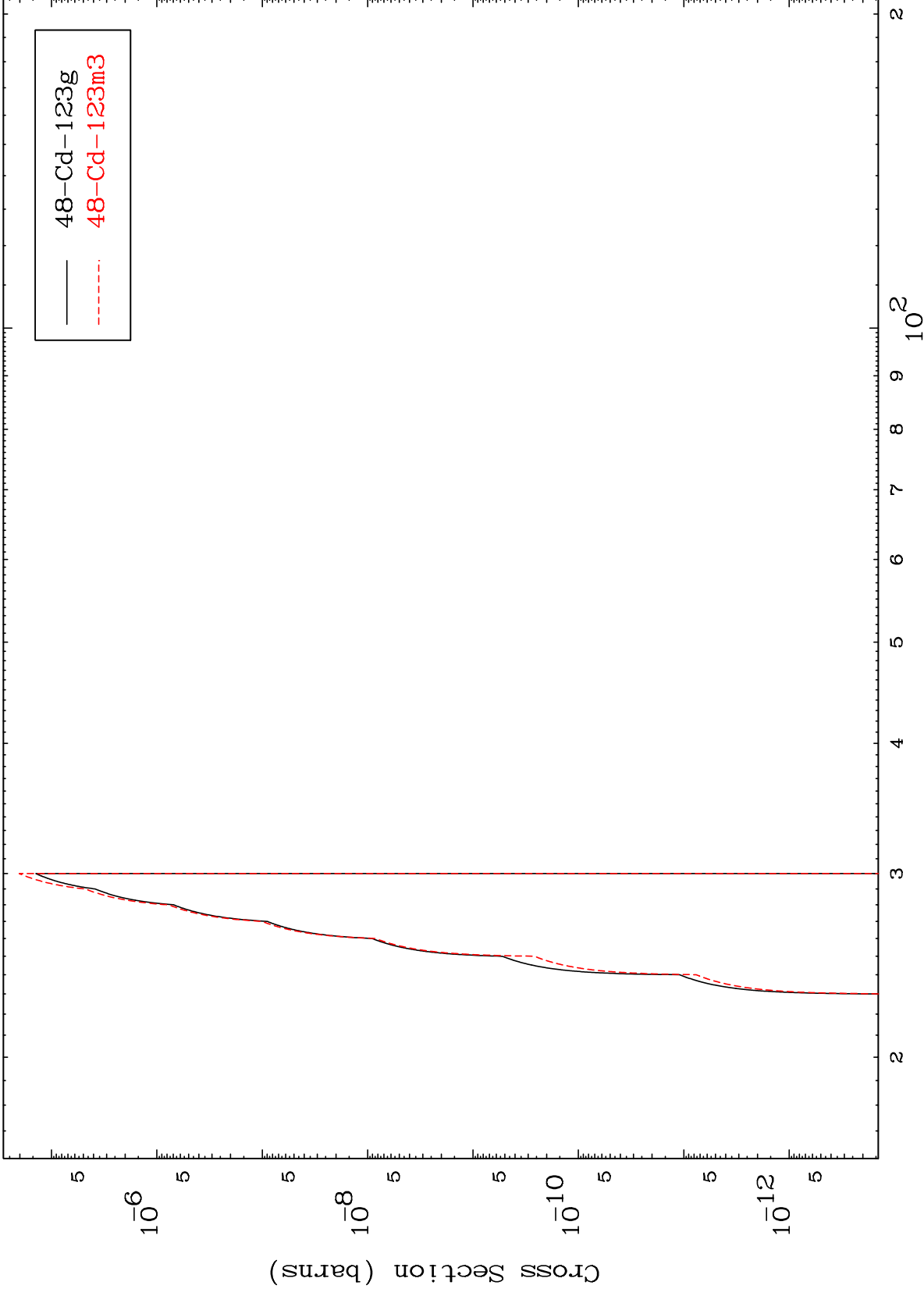
136

MAT 5073

(n,2n)  $\alpha$

50-Sn-128

Radionuclide Production Cross Section

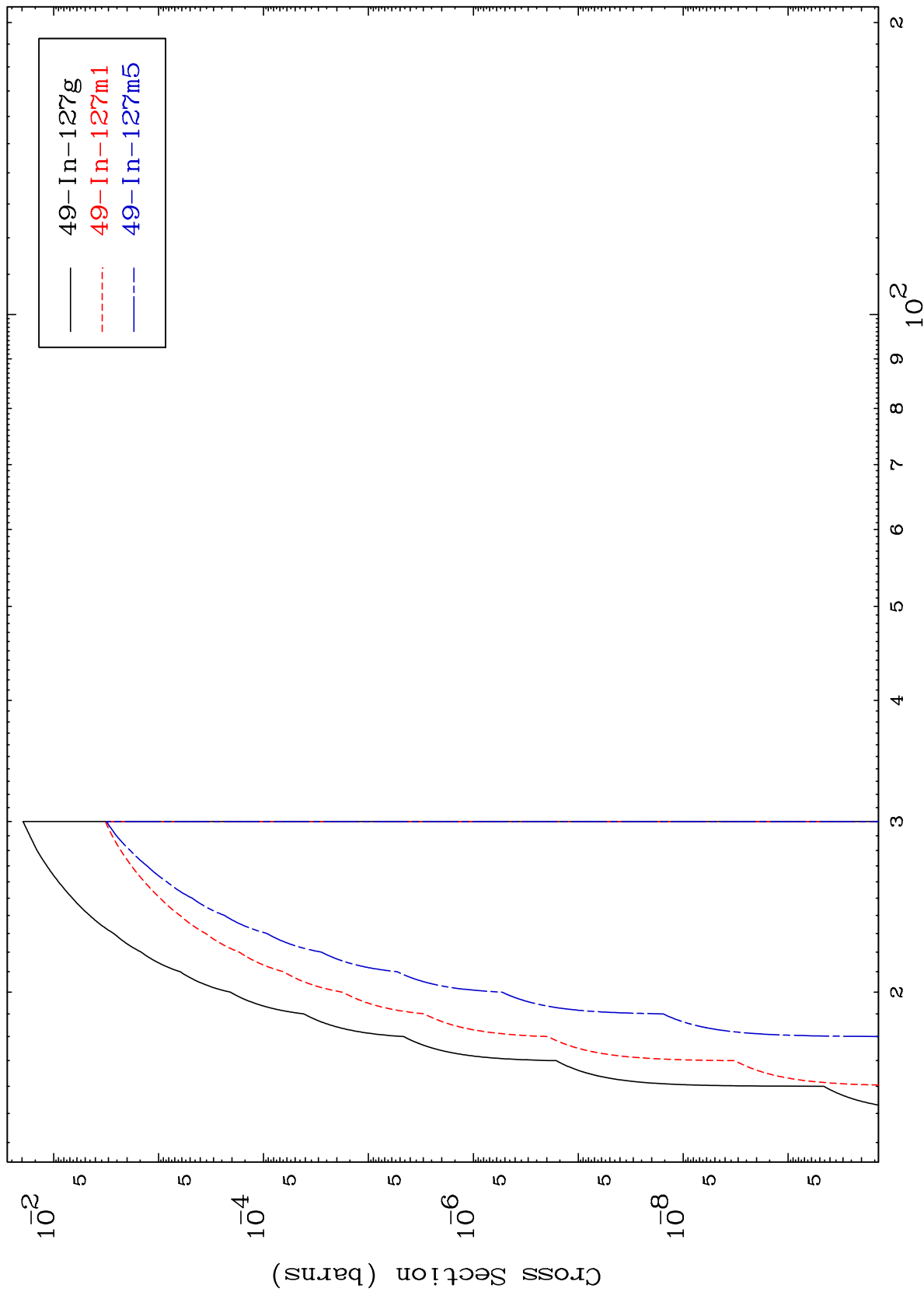


137

Incident Energy (MeV)

50-Sn-128

Radionuclide Production Cross Section

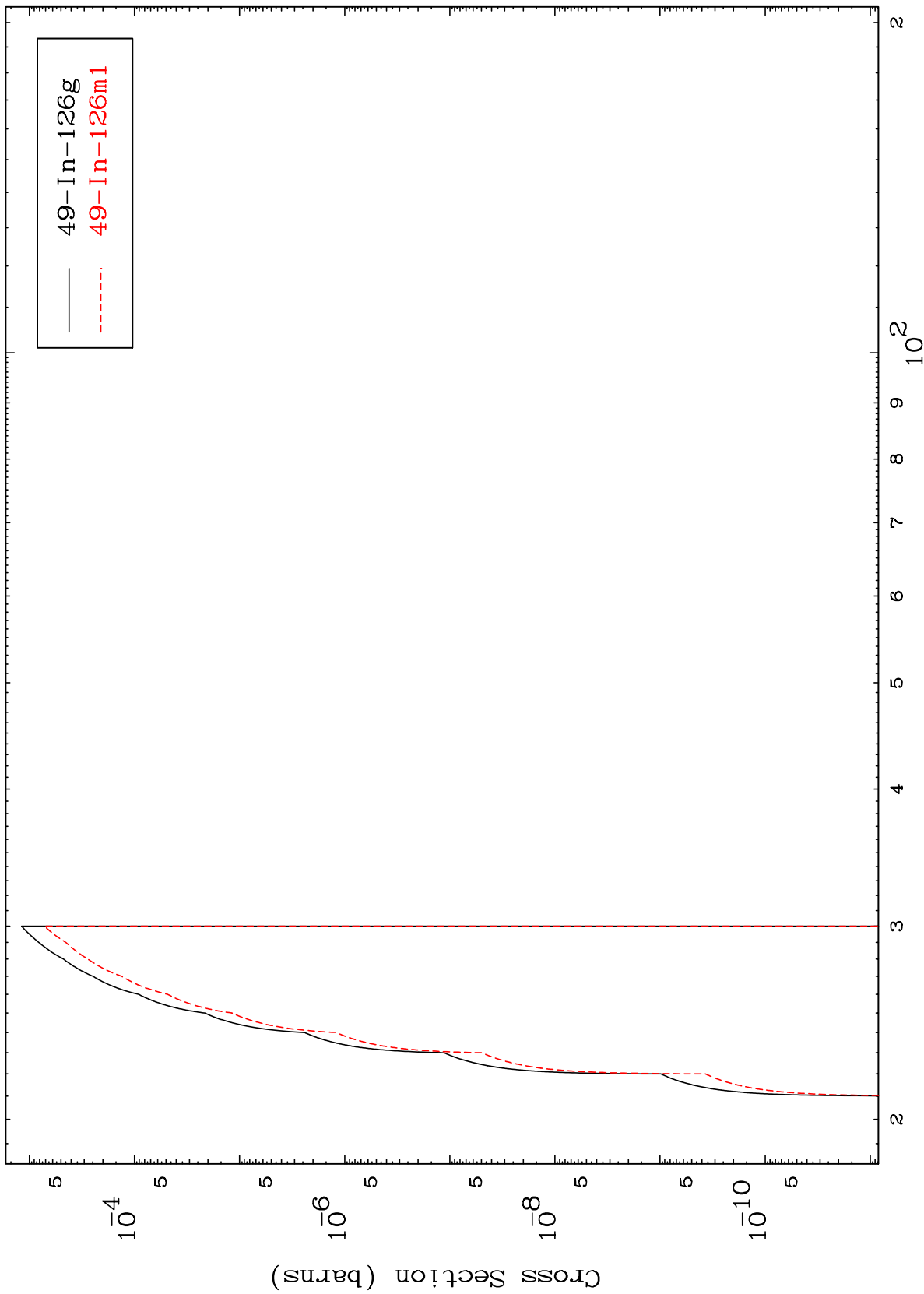


MAT 5073

(n,n') d

50-Sn-128

Radionuclide Production Cross Section



139

Incident Energy (MeV)

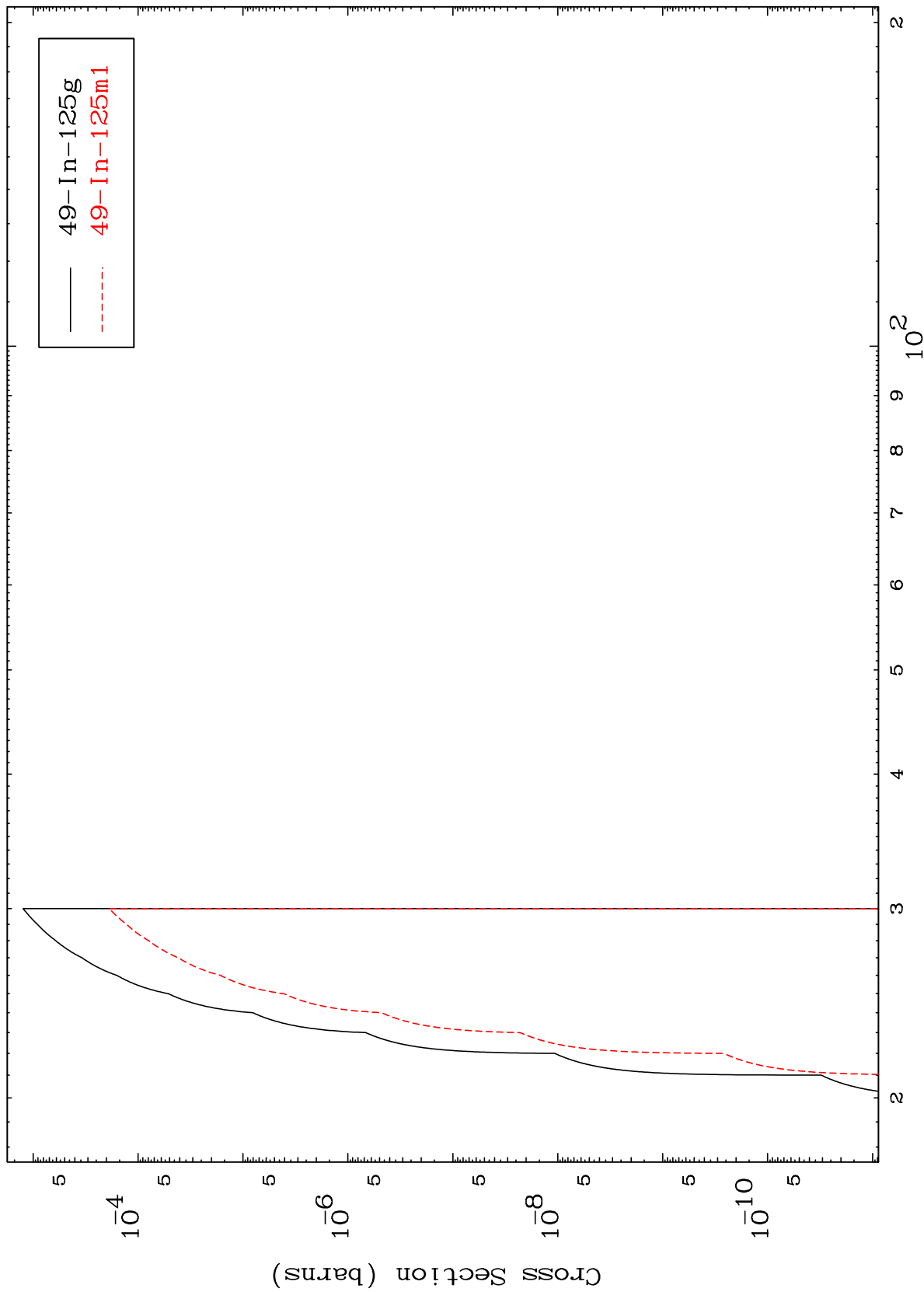
50-Sn-128

MAT 5073

(n,n') t

50-Sn-128

Radionuclide Production Cross Section



140

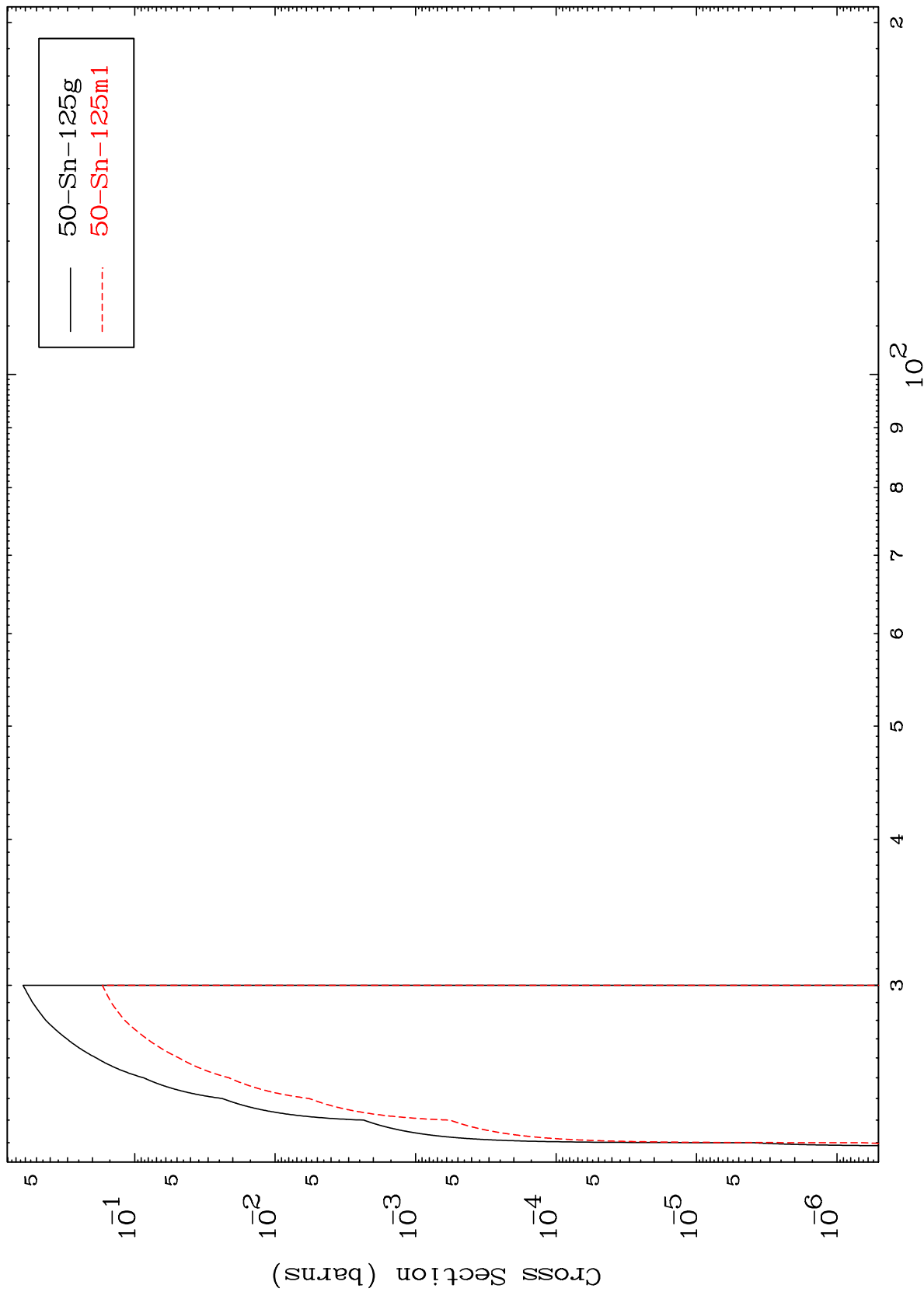
Incident Energy (MeV)

50-Sn-128

MAT 5073

50-Sn-128

(n,4n)  
Radionuclide Production Cross Section



141

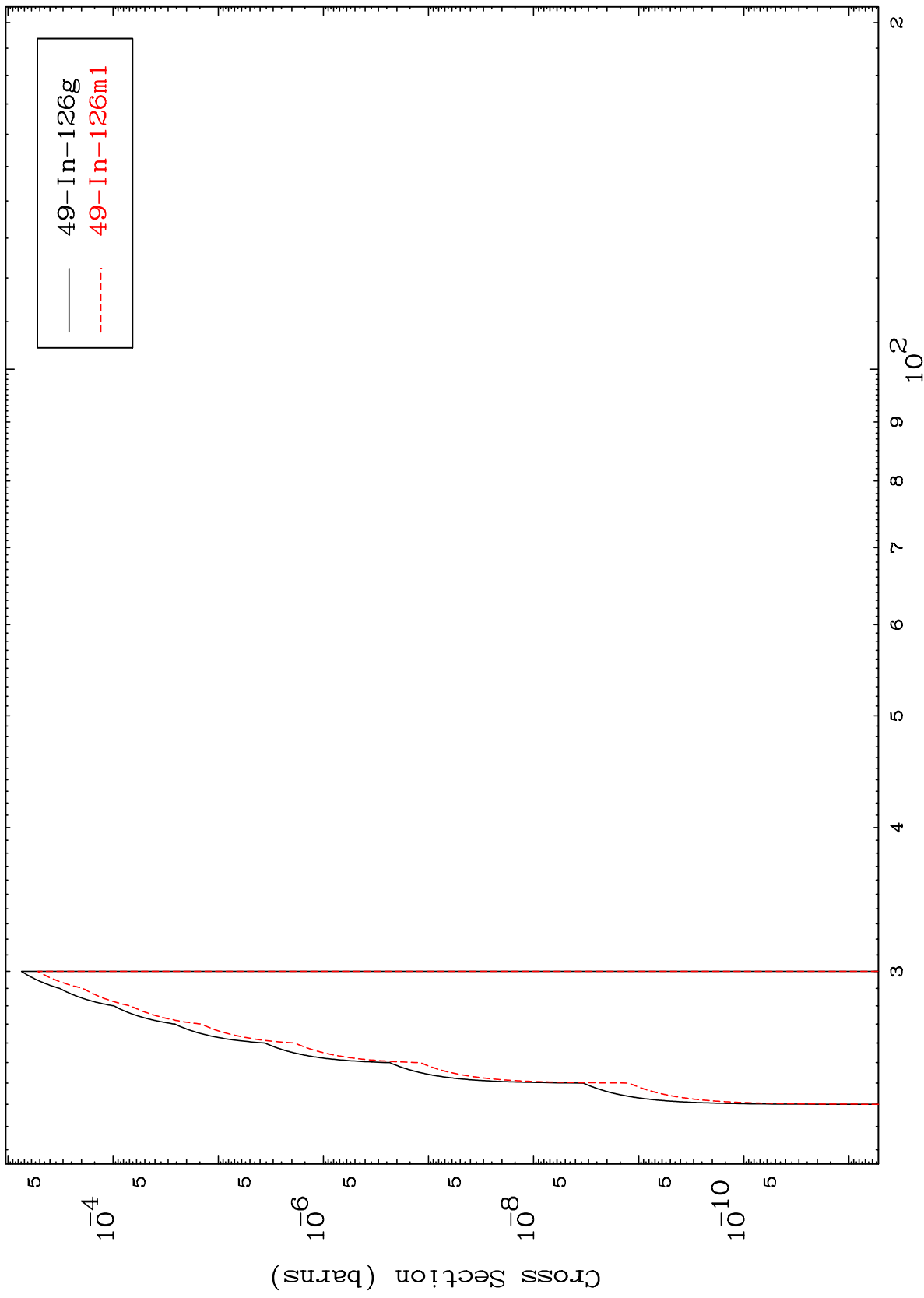
50-Sn-128

Incident Energy (MeV)

MAT 5073

50-Sn-128

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-128

Incident Energy (MeV)

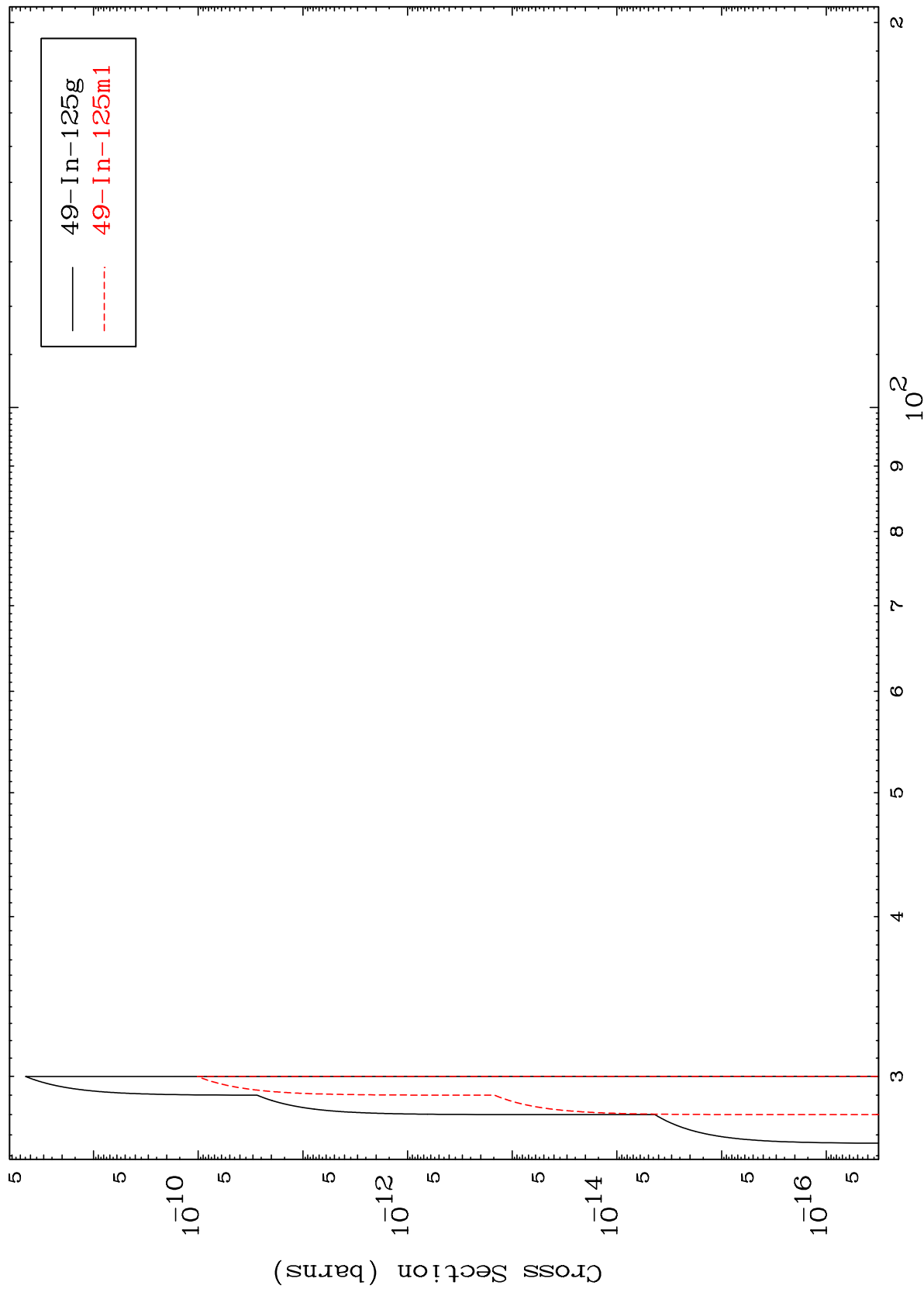
142

MAT 5073

(n,3n) p

50-Sn-128

Radionuclide Production Cross Section



49-In-125g  
49-In-125m1

143

Incident Energy (MeV)

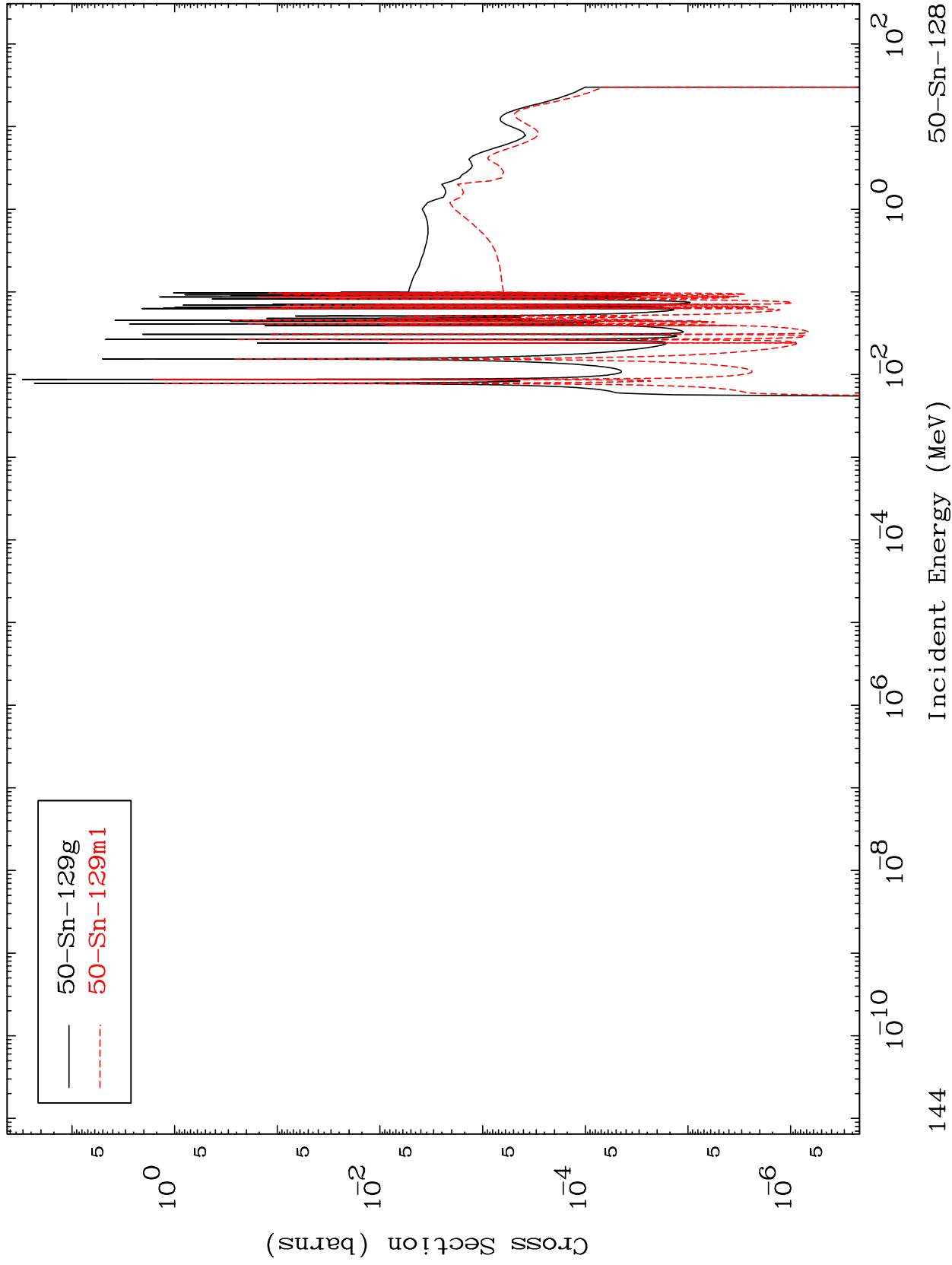
50-Sn-128

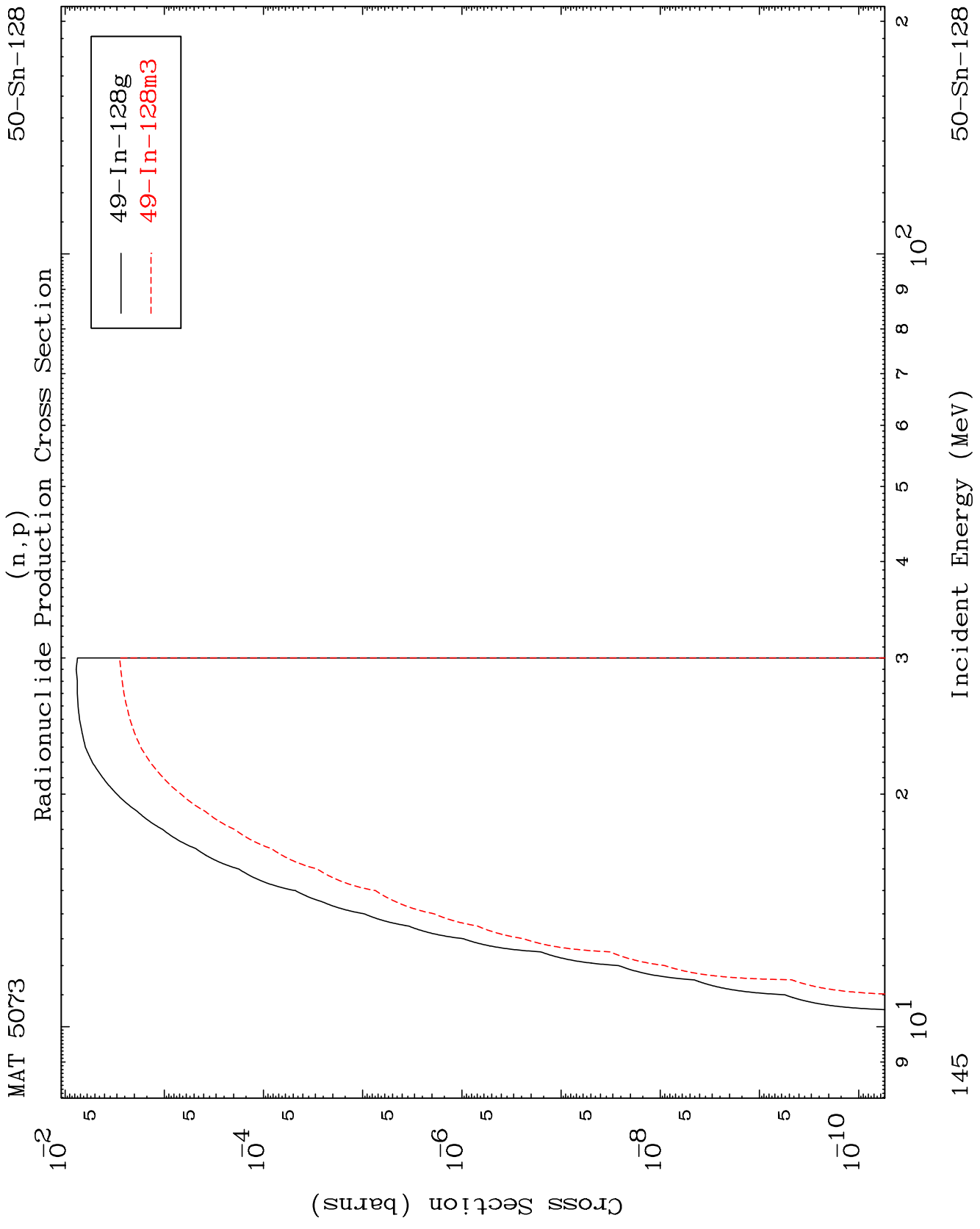


MAT 5073

50-Sn-128

(n,γ)  
Radionuclide Production Cross Section

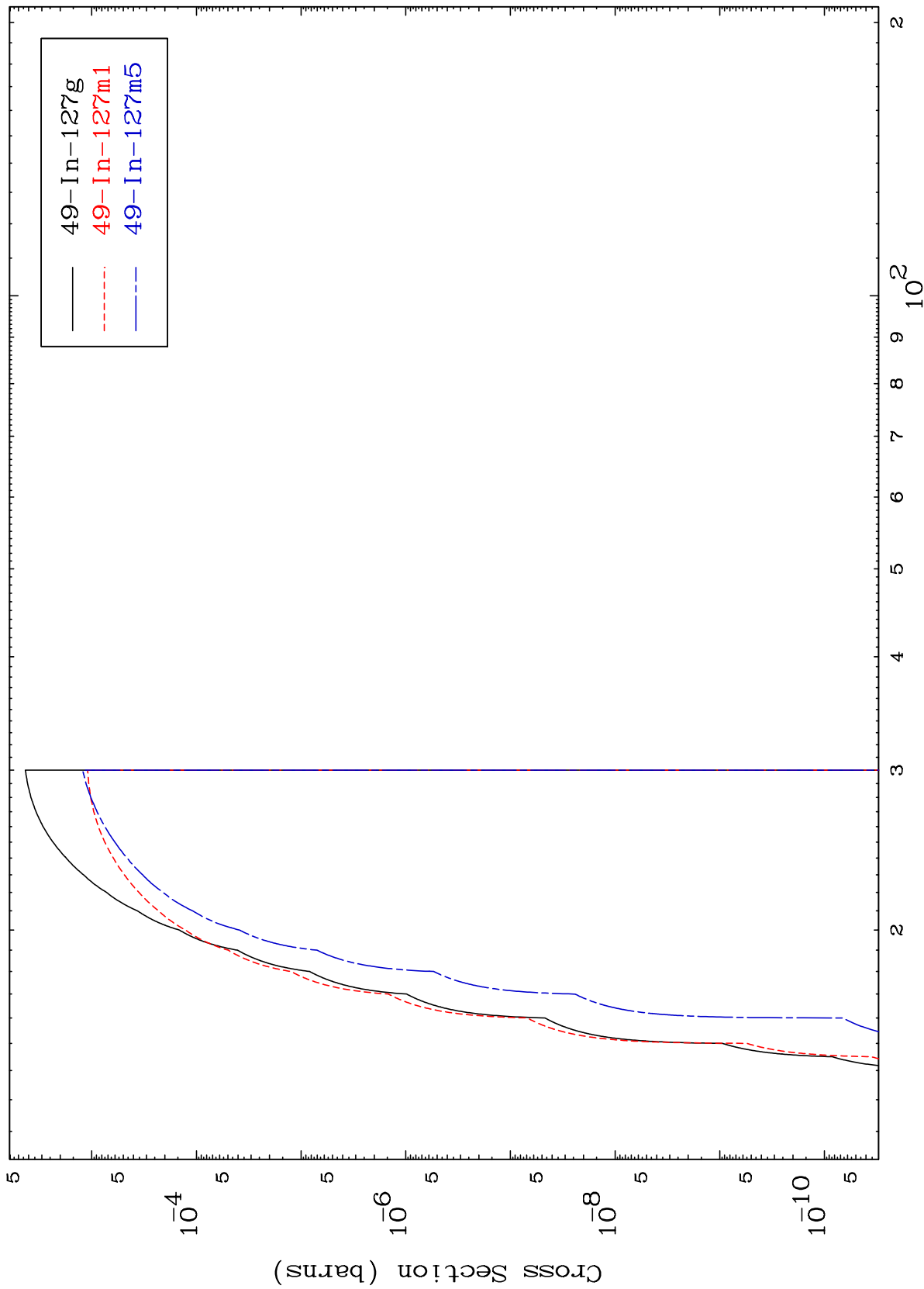




MAT 5073

50-Sn-128

(n,d)  
Radionuclide Production Cross Section



146

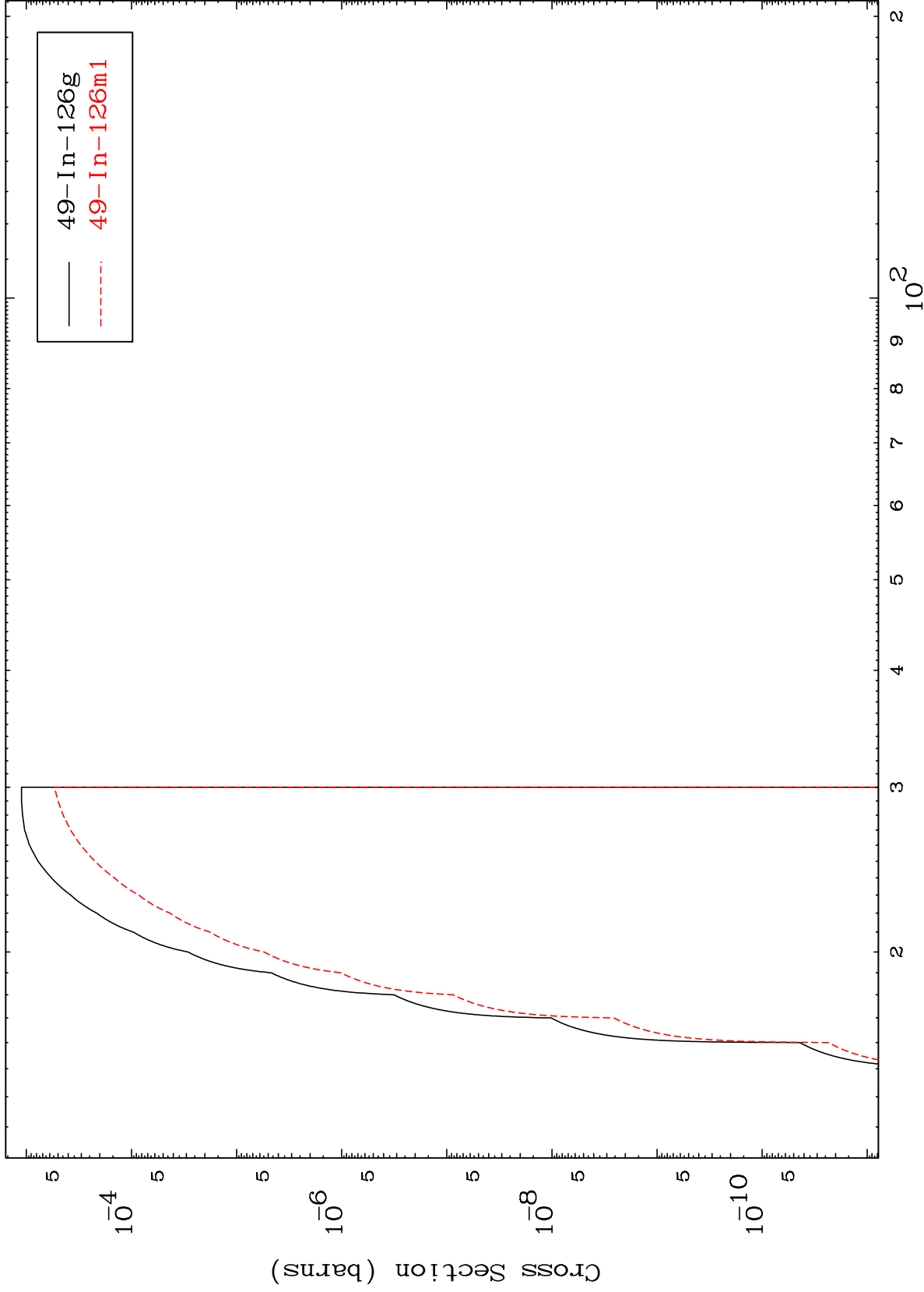
Incident Energy (MeV)

50-Sn-128

MAT 5073

50-Sn-128

(n,t)  
Radionuclide Production Cross Section



147

Incident Energy (MeV)

50-Sn-128