

Program EVALPLOT  
(Version 2018-1)

by

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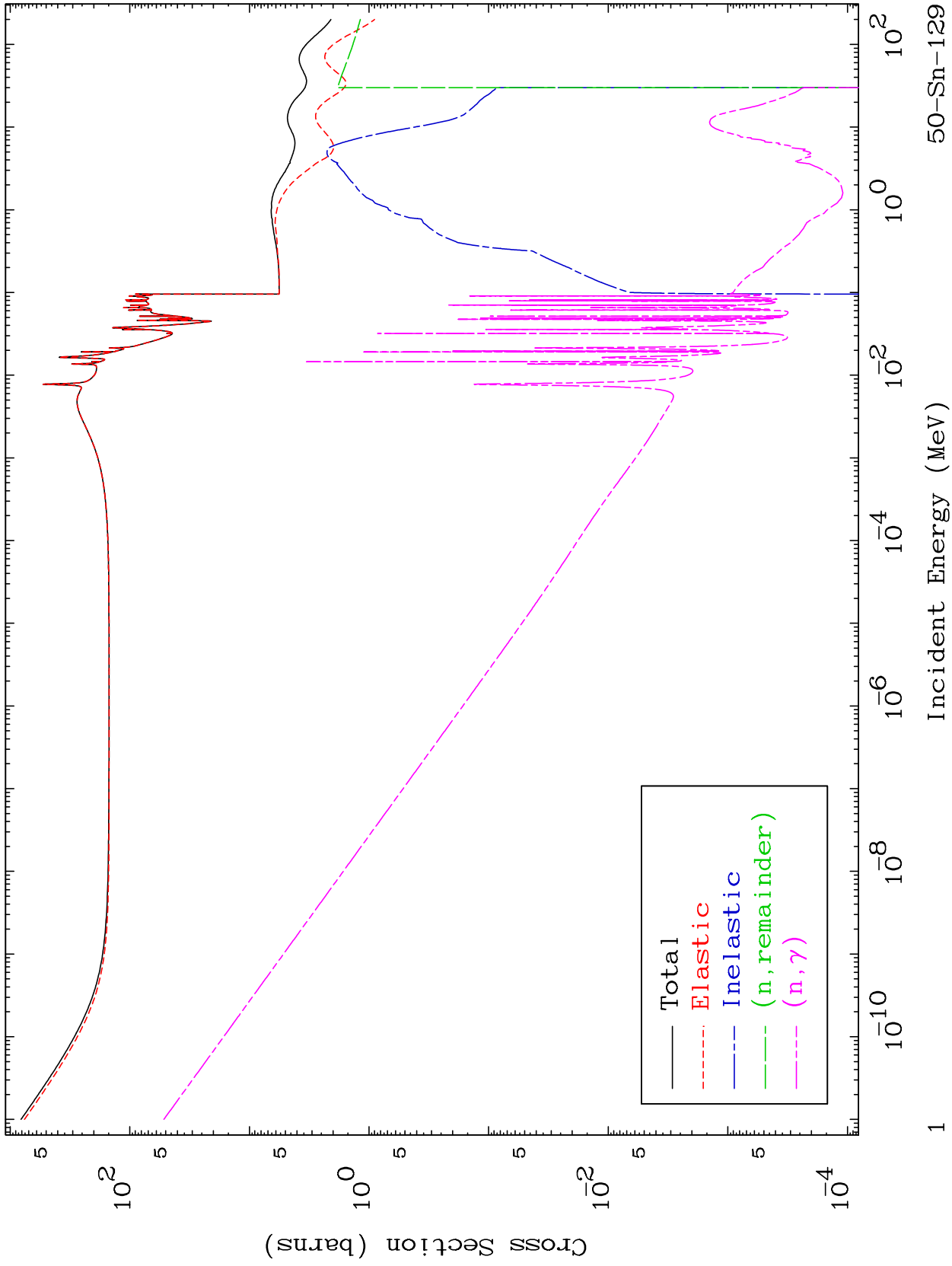
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5076

Major  
293 Kelvin Cross Sections

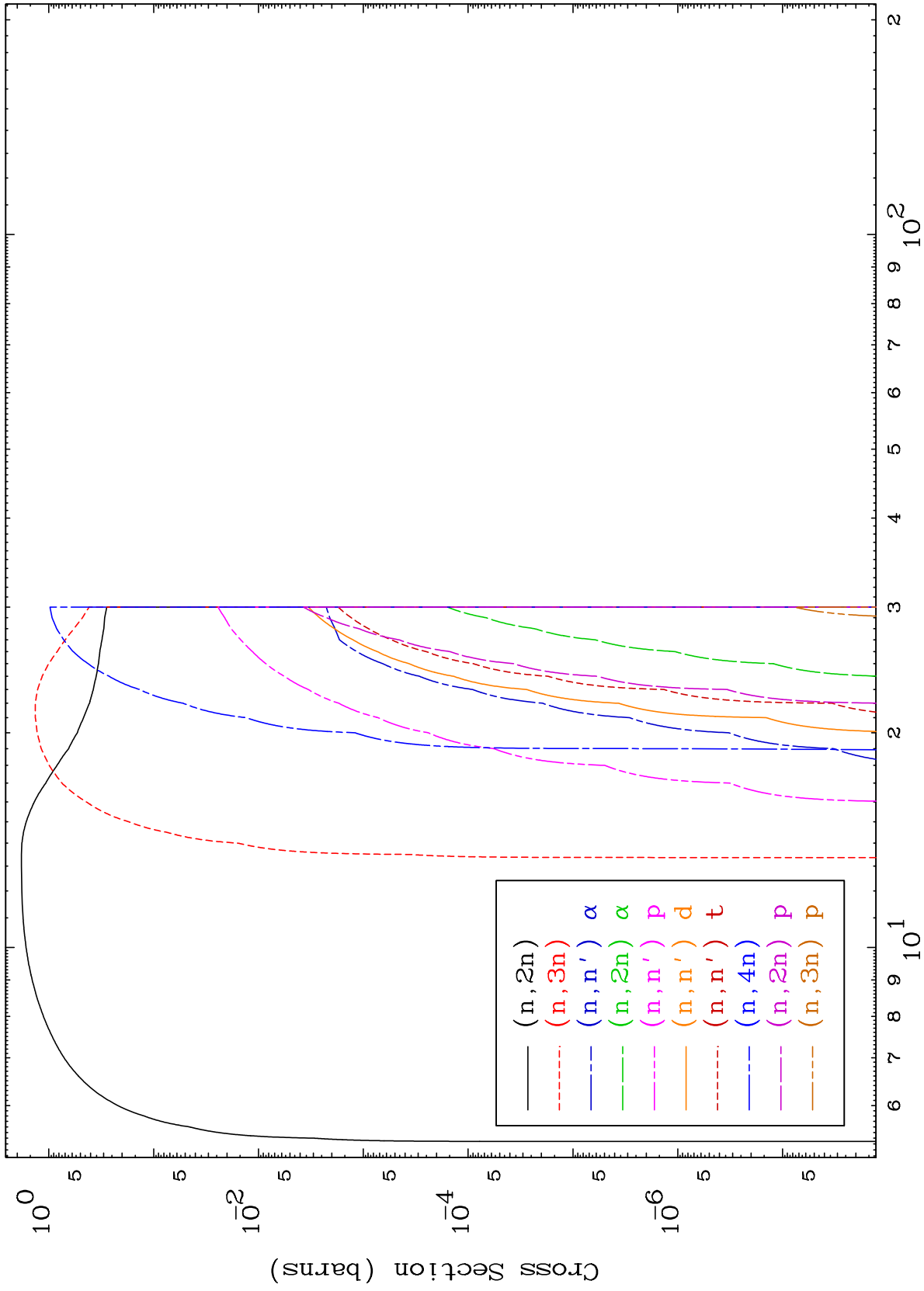
50-Sn-129



MAT 5076

Neutron Production  
293 Kelvin Cross Sections

50-Sn-129



2

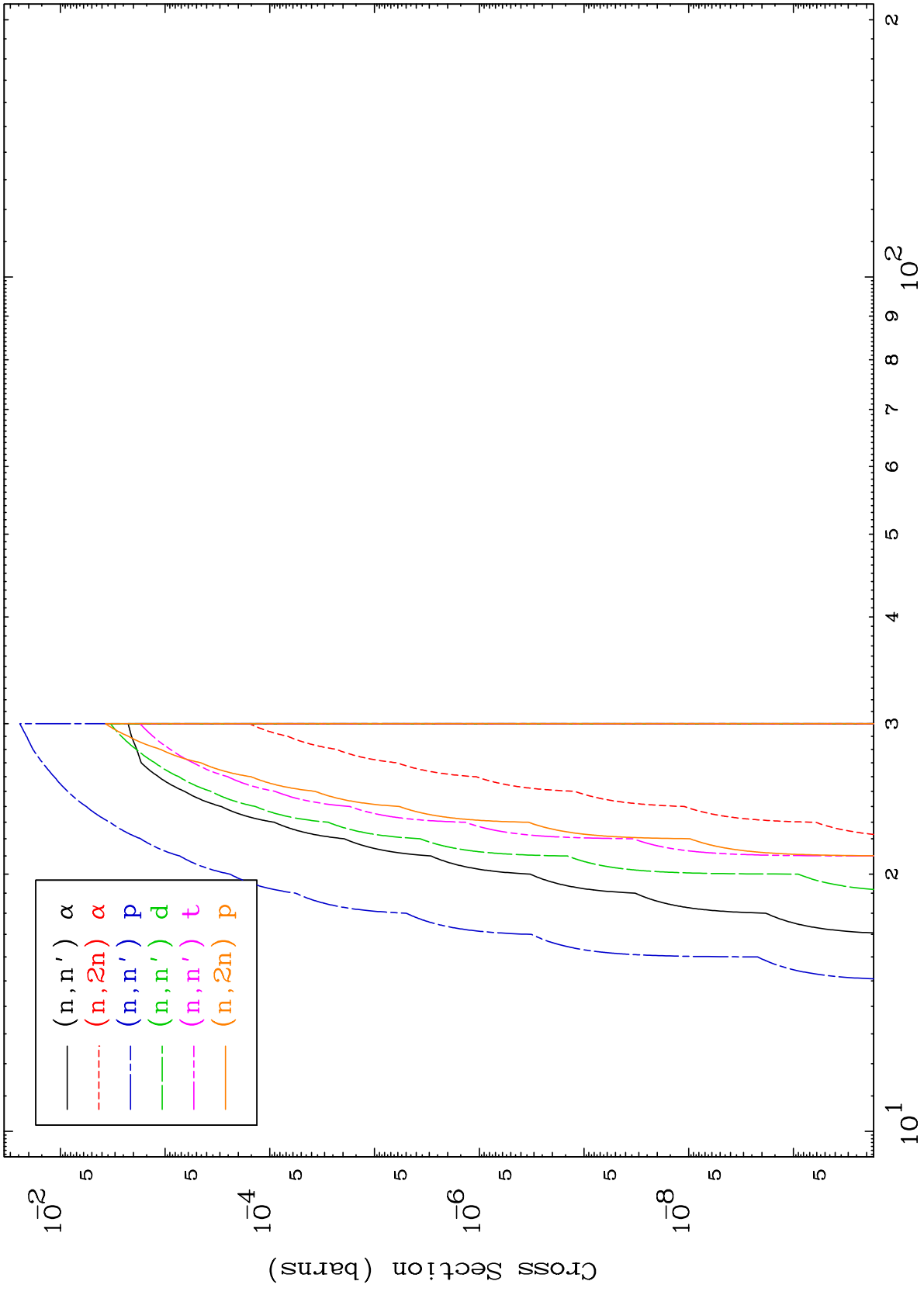
Incident Energy (MeV)

50-Sn-129

MAT 5076

Charged Particle  
293 Kelvin Cross Sections

50-Sn-129



50-Sn-129

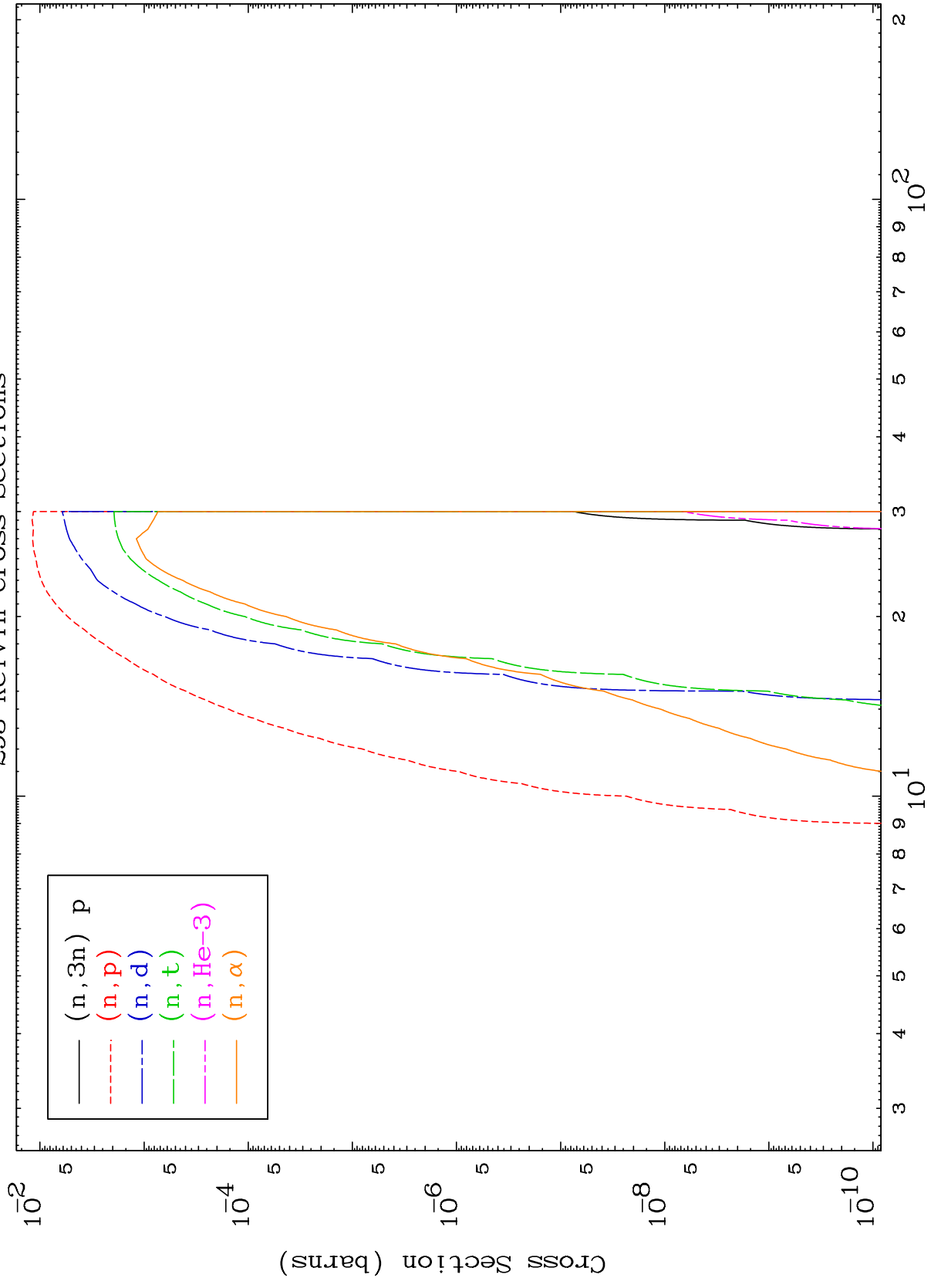
Incident Energy (MeV)

3

MAT 5076

Charged Particle  
293 Kelvin Cross Sections

50-Sn-129

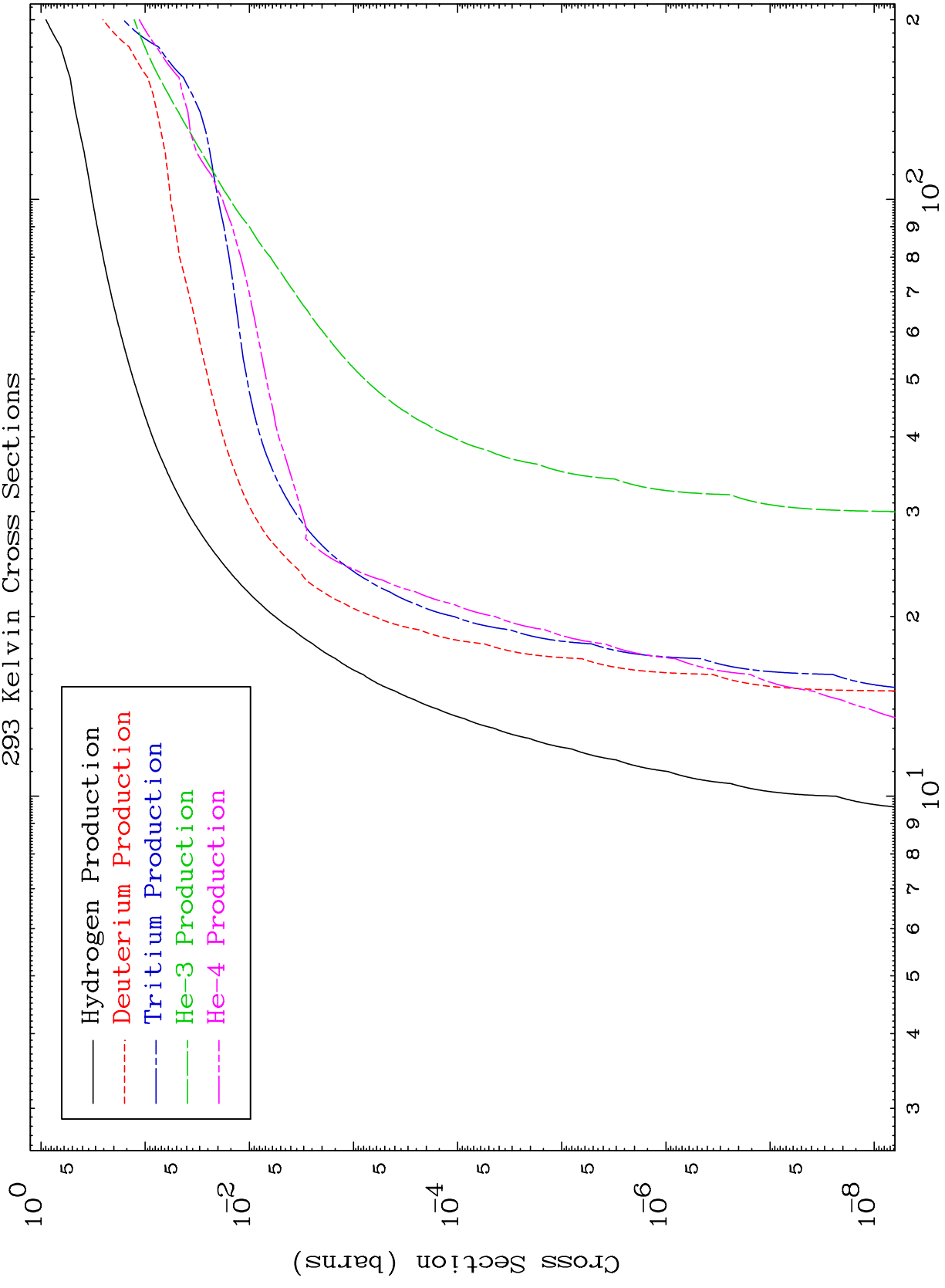


50-Sn-129

MAT 5076

Particle Production  
293 Kelvin Cross Sections

50-Sn-129



5

Incident Energy (MeV)

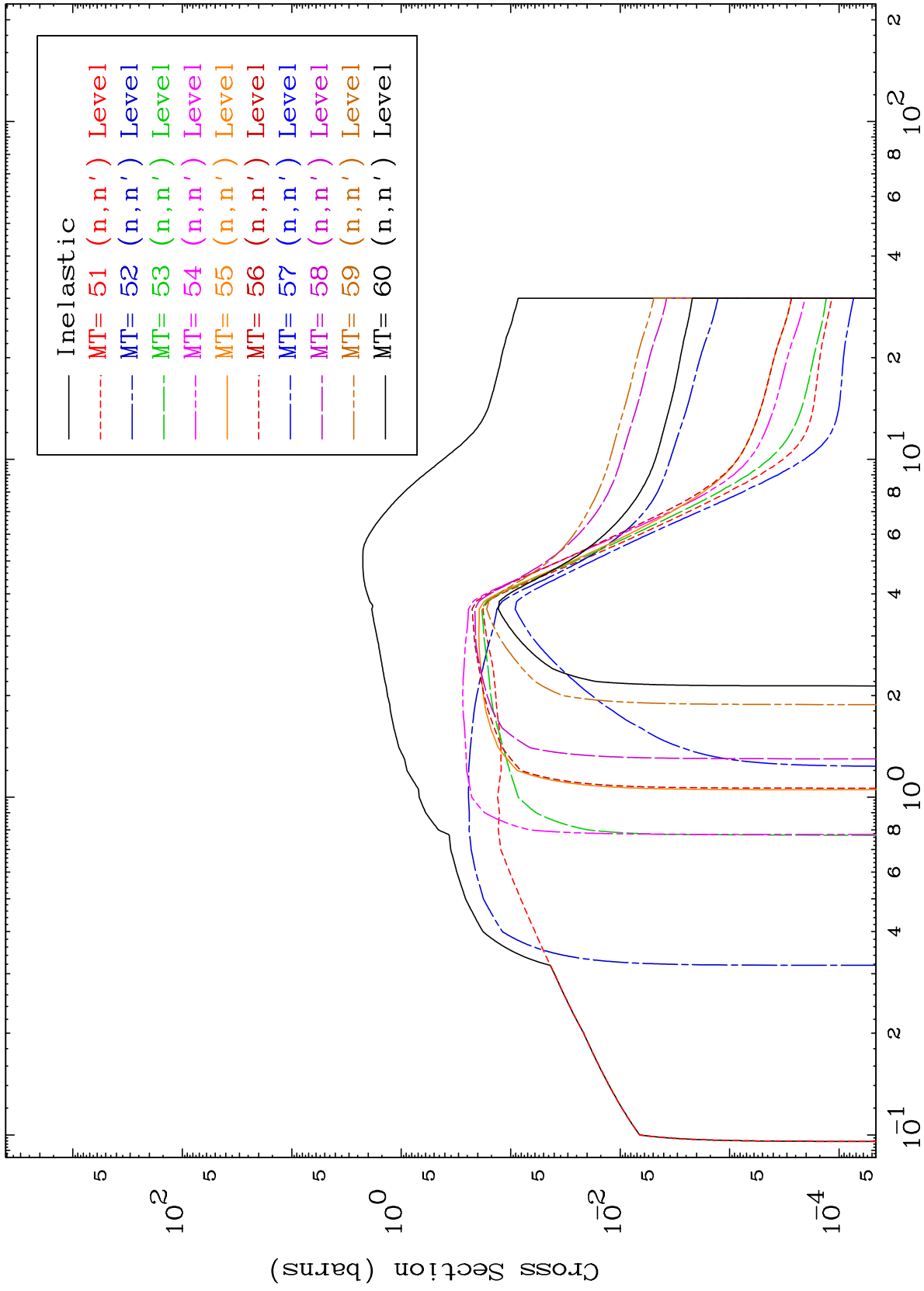
50-Sn-129

MAT 5076

(n,n') Level

50-Sn-129

293 Kelvin Cross Sections



Incident Energy (MeV)

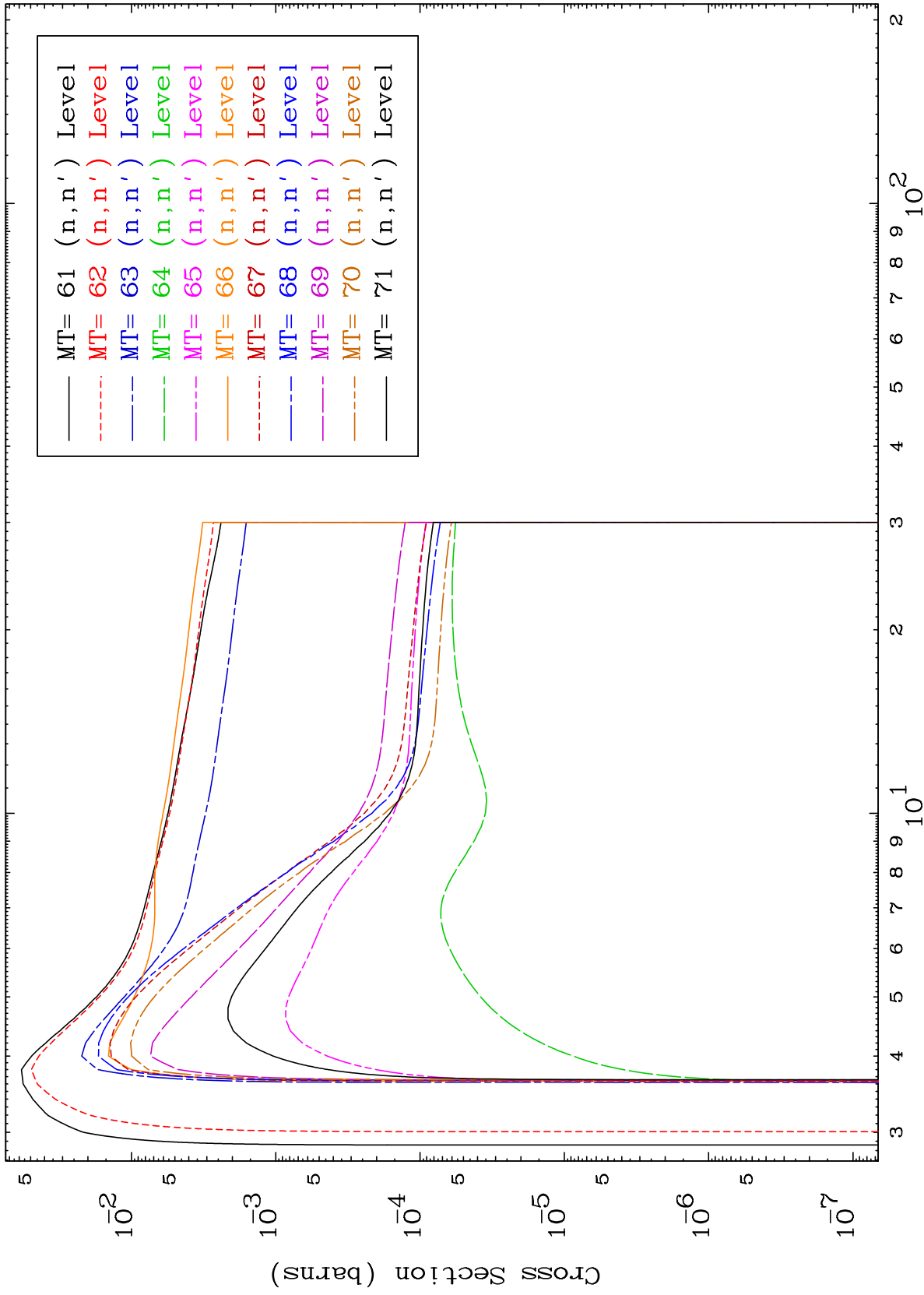
50-Sn-129

MAT 5076

(n,n') Level

293 Kelvin Cross Sections

50-Sn-129



7

Incident Energy (MeV)

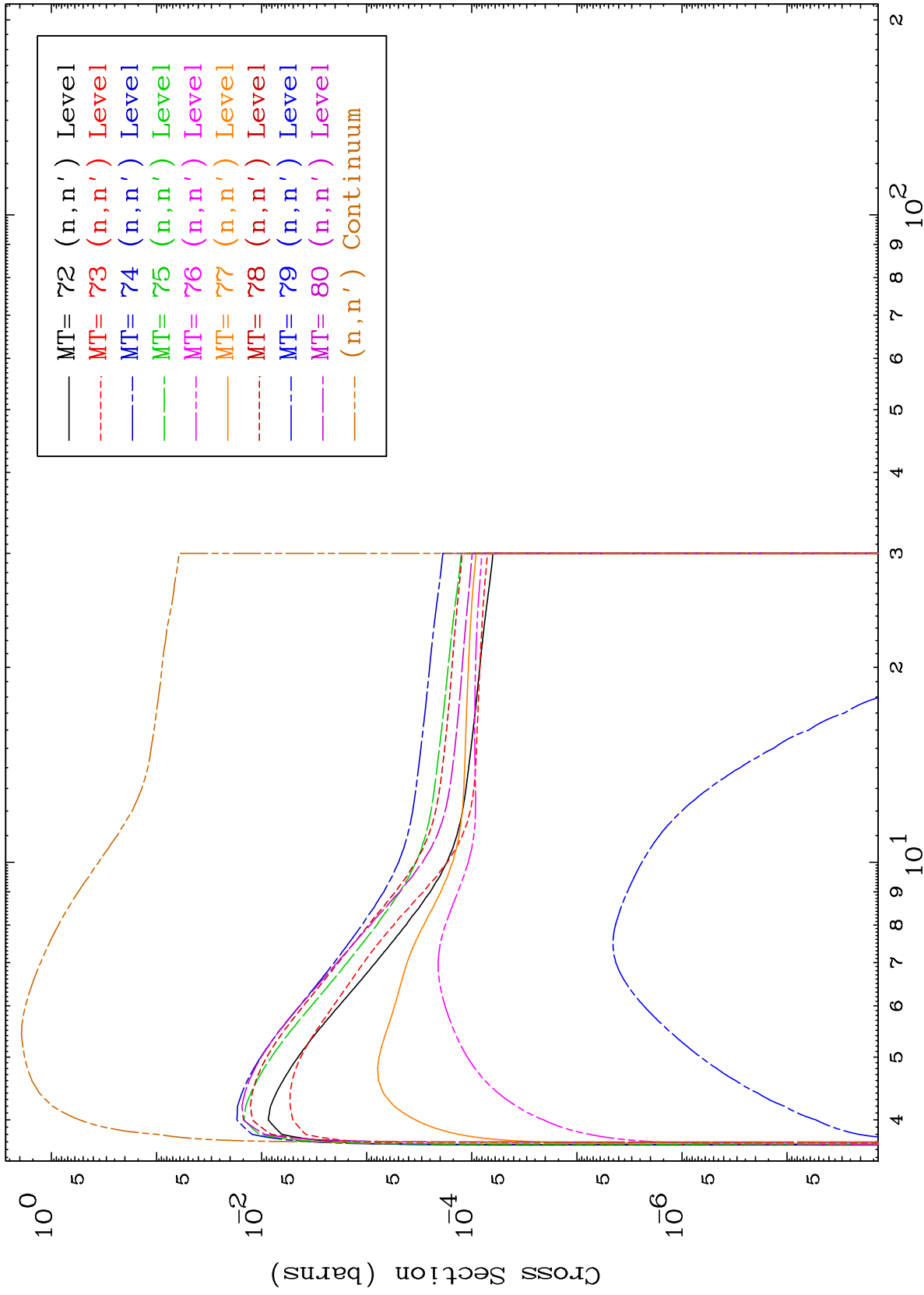
50-Sn-129



MAT 5076

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-129



8

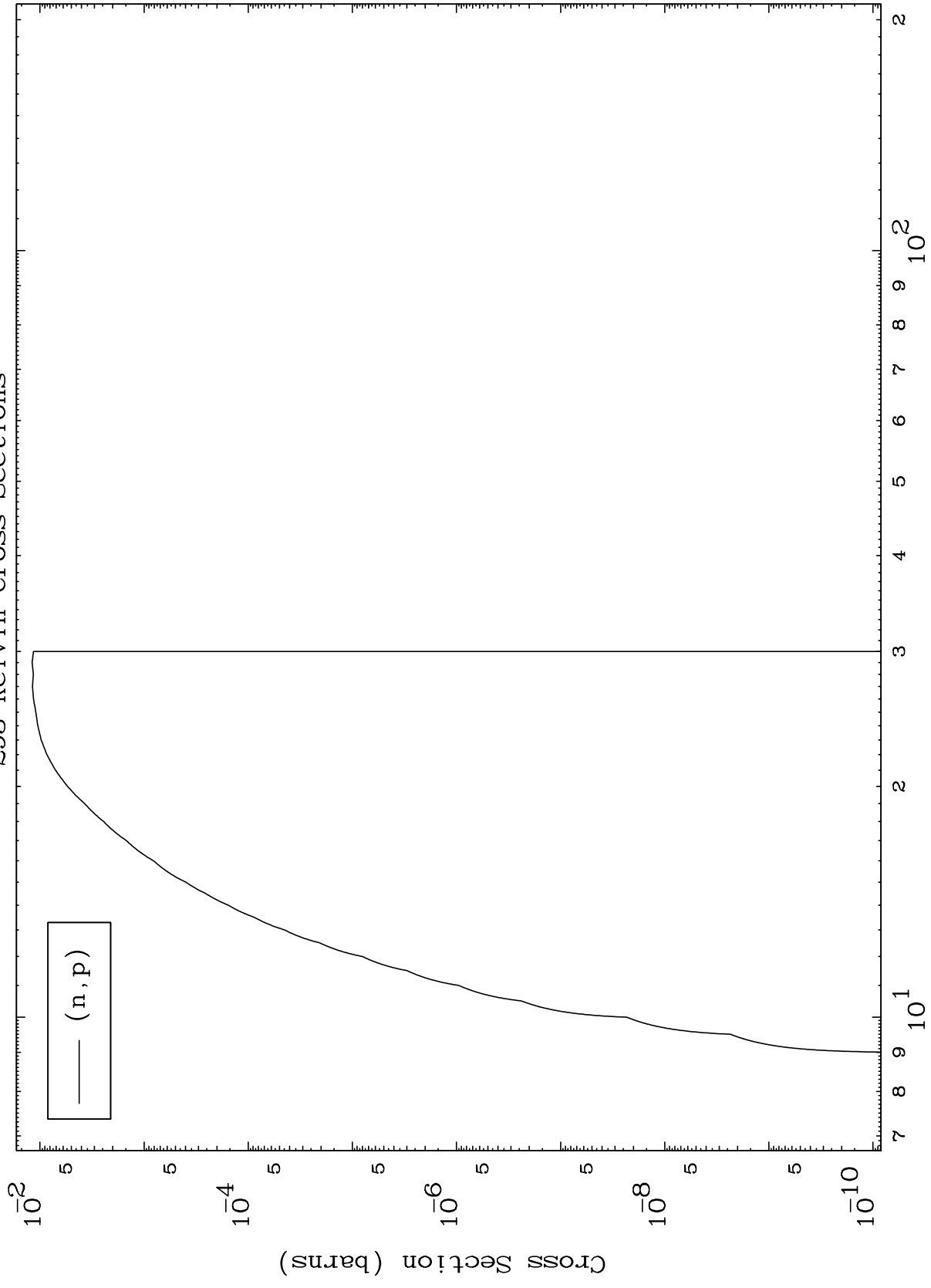
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-129



9

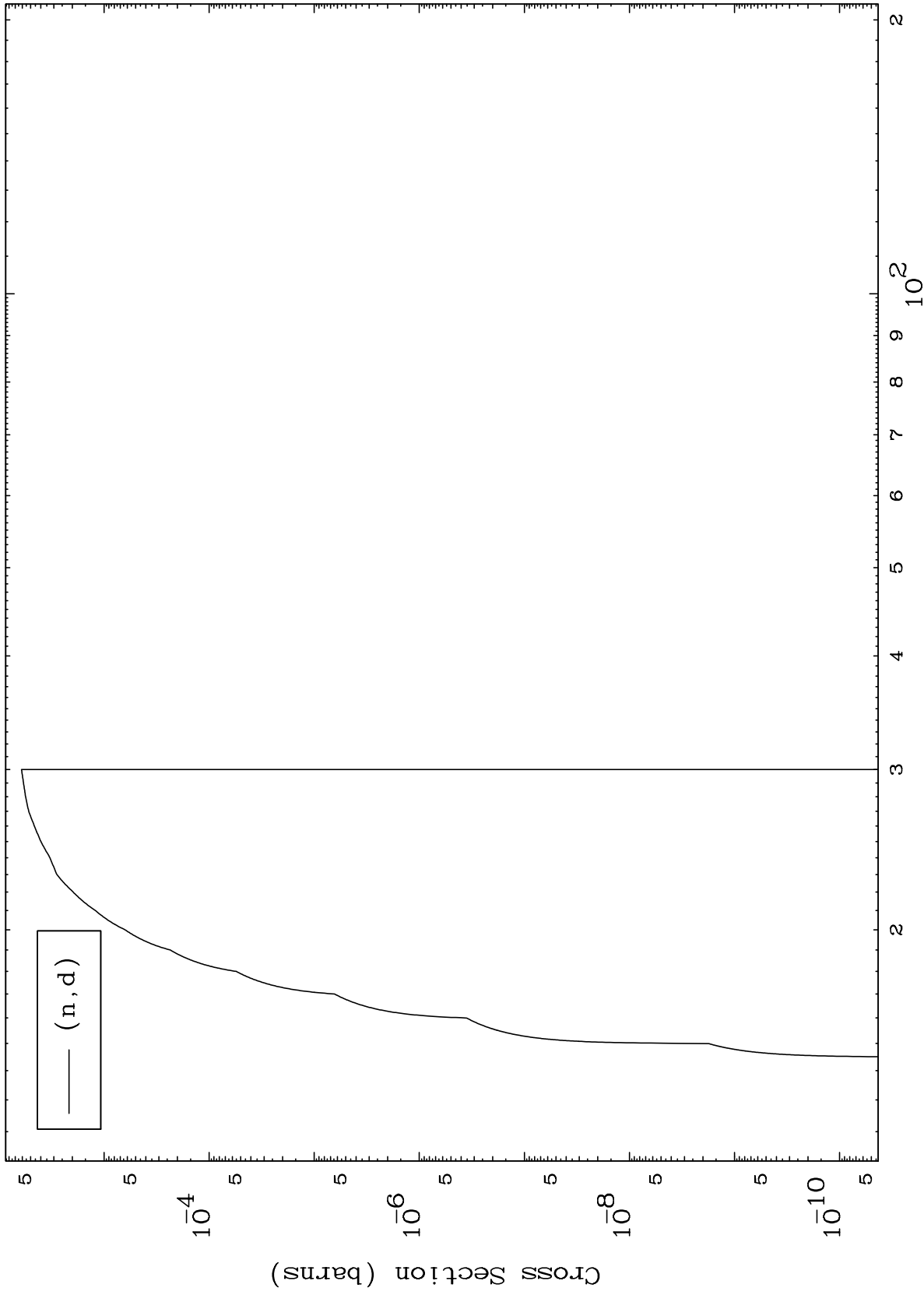
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-129



10

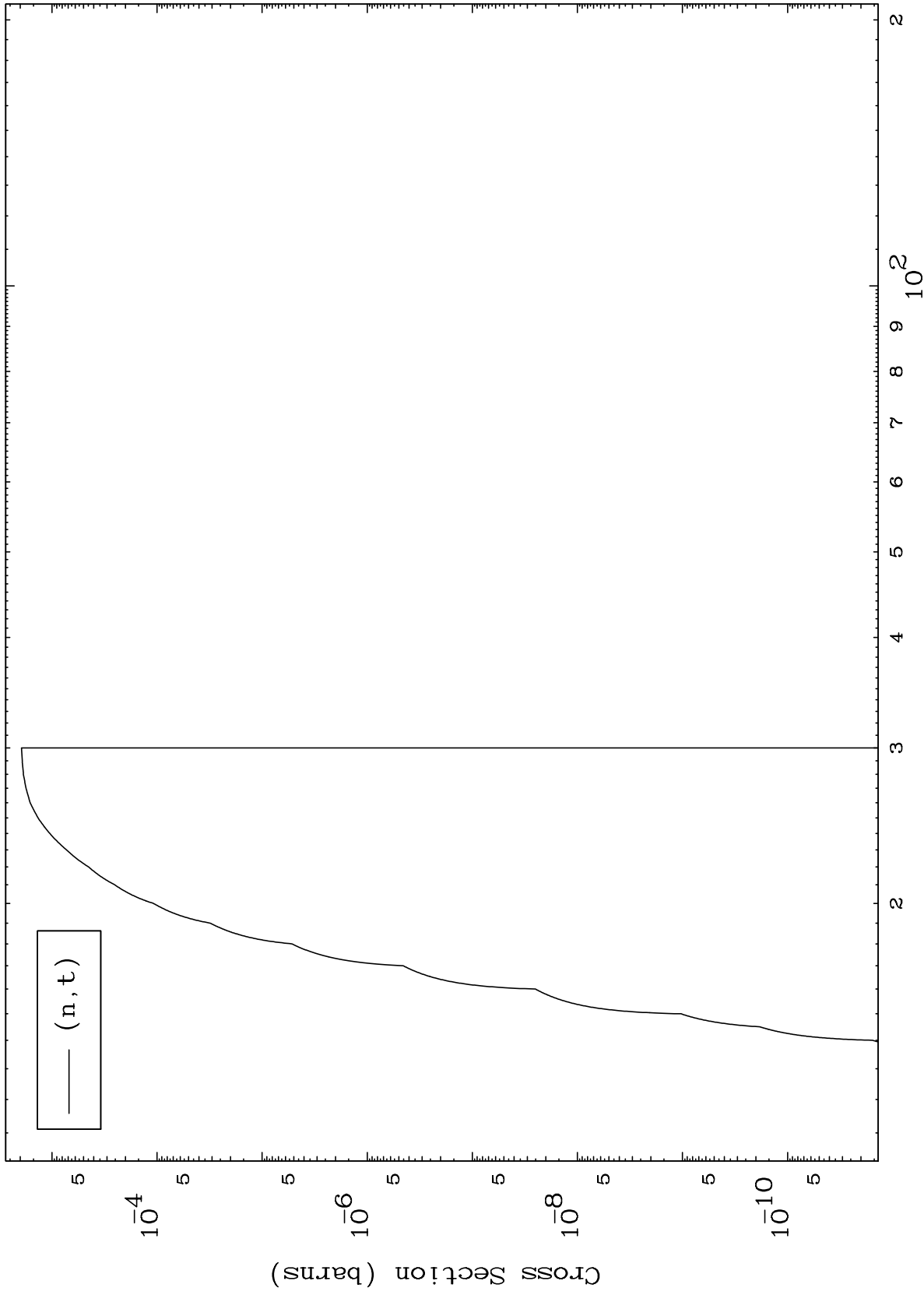
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-129



11

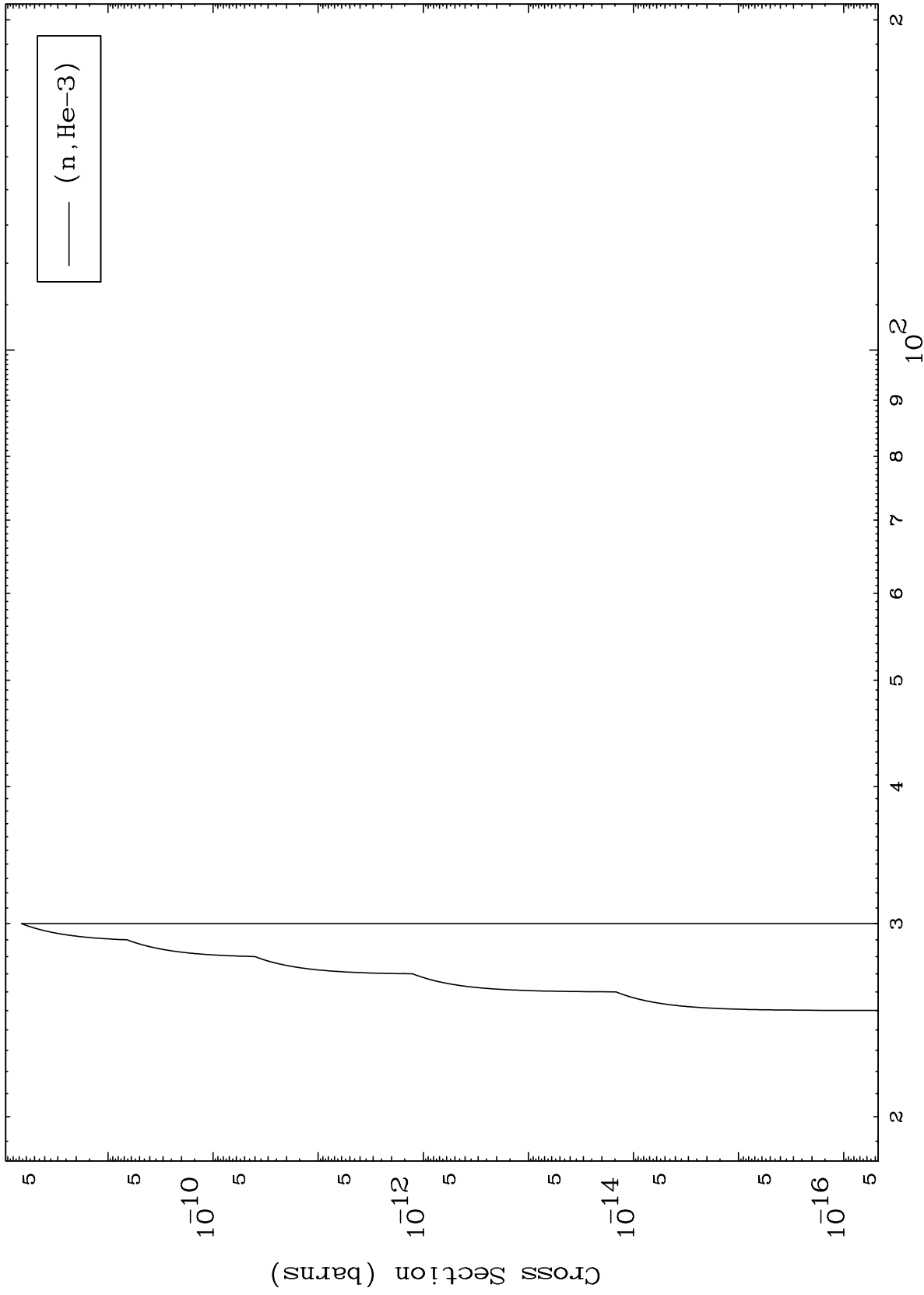
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-129



12

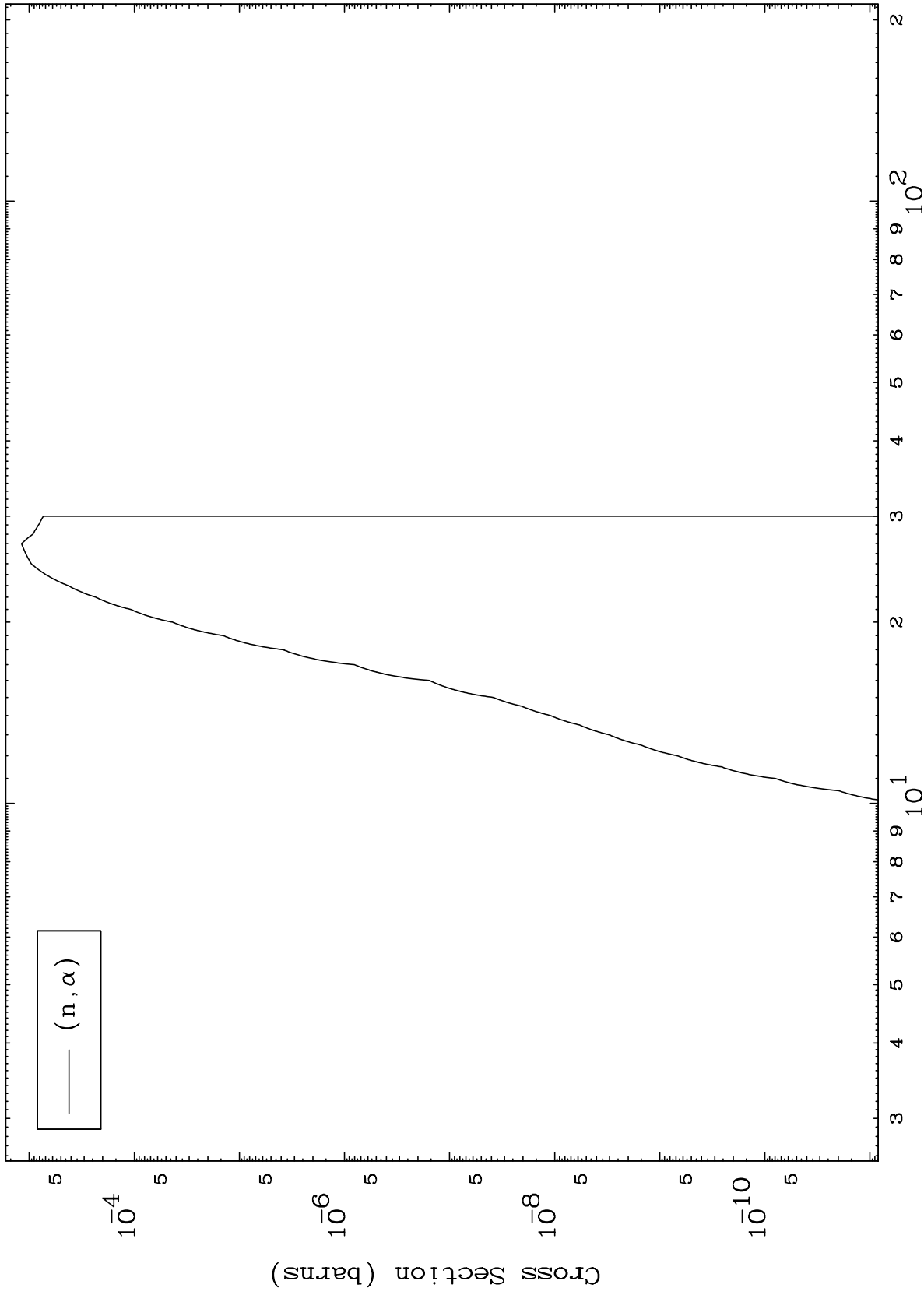
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,α) Levels  
293 Kelvin Cross Sections

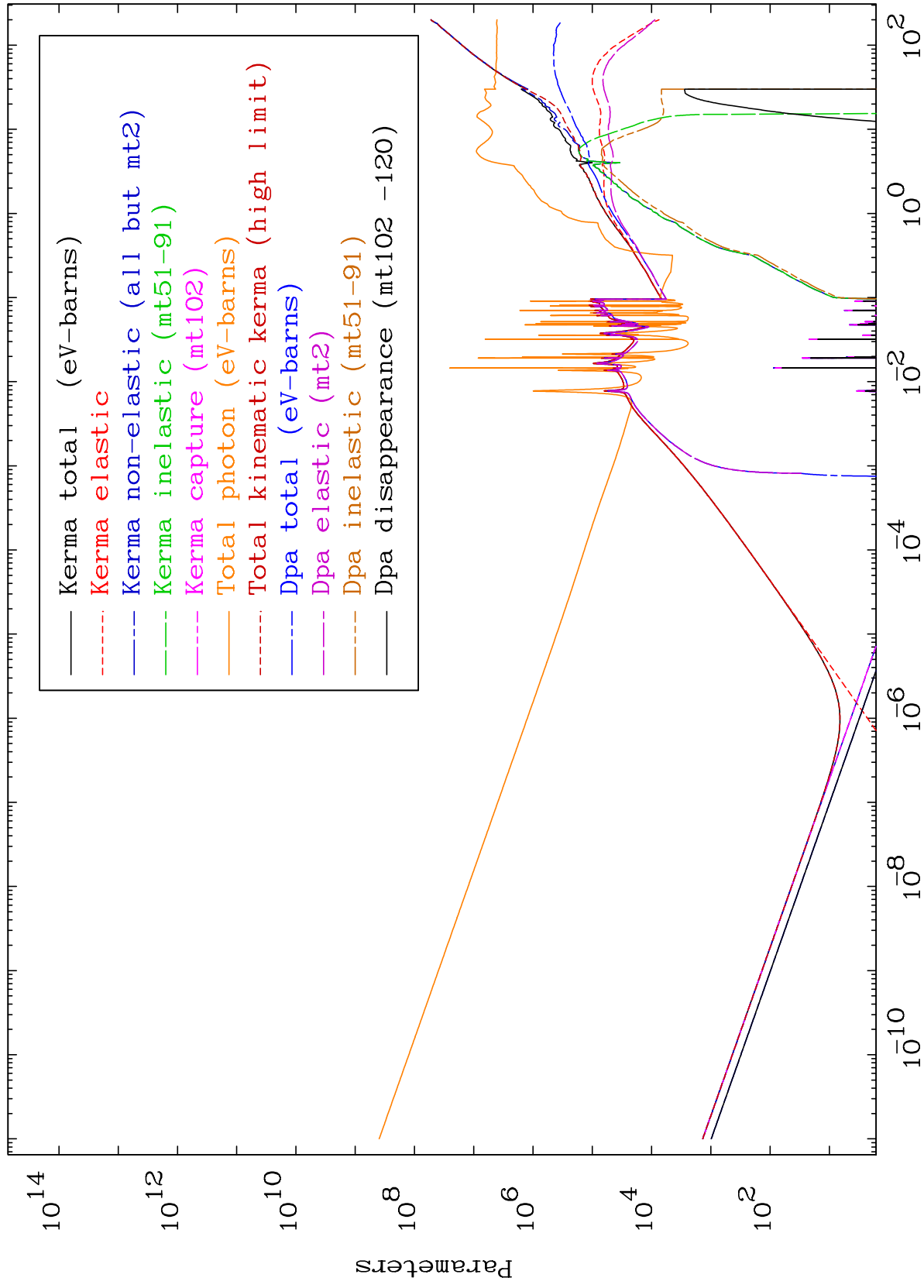
50-Sn-129



13

Incident Energy (MeV)

50-Sn-129



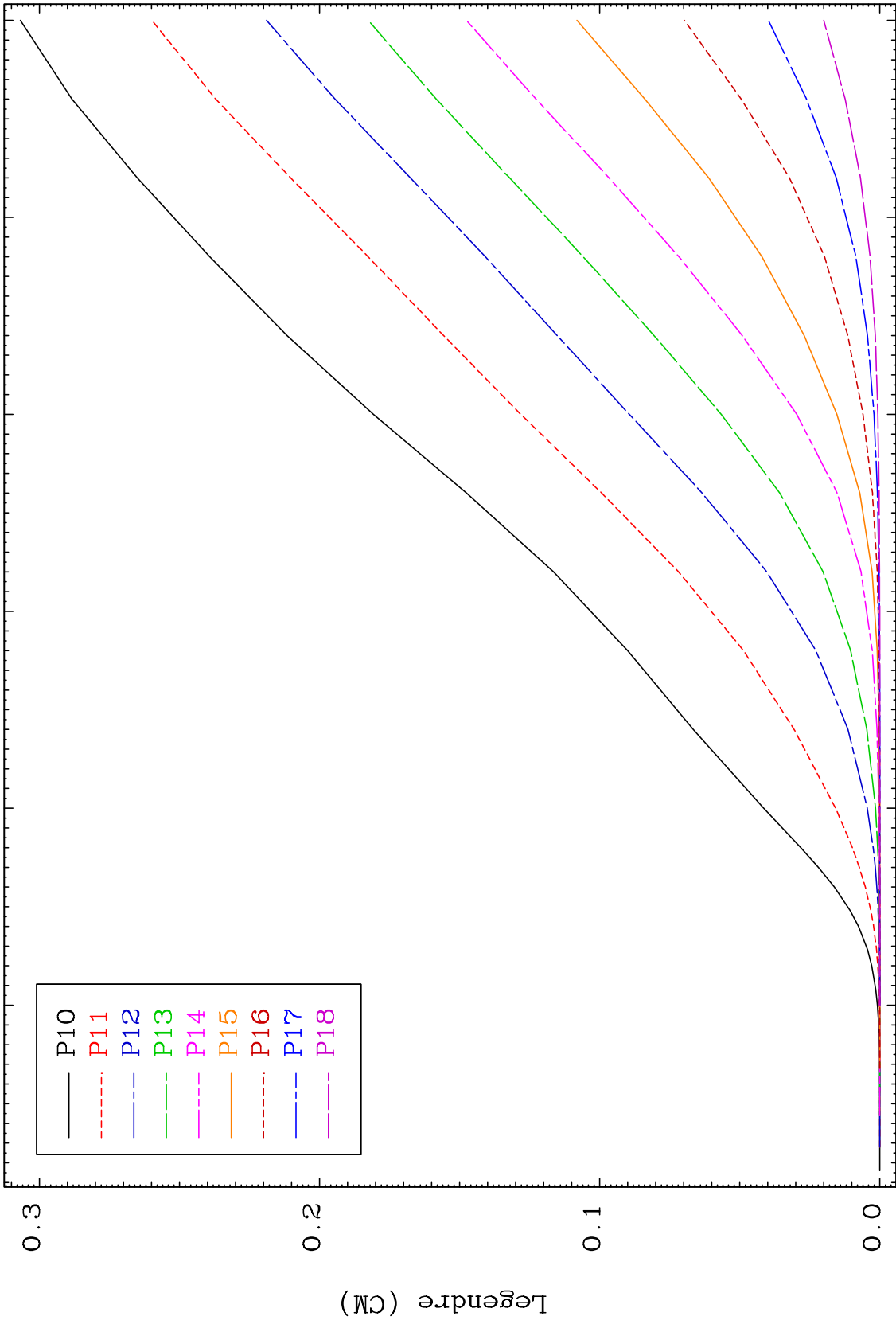




MAT 5076

Elastic Legendre Coefficients

50-Sn-129



16

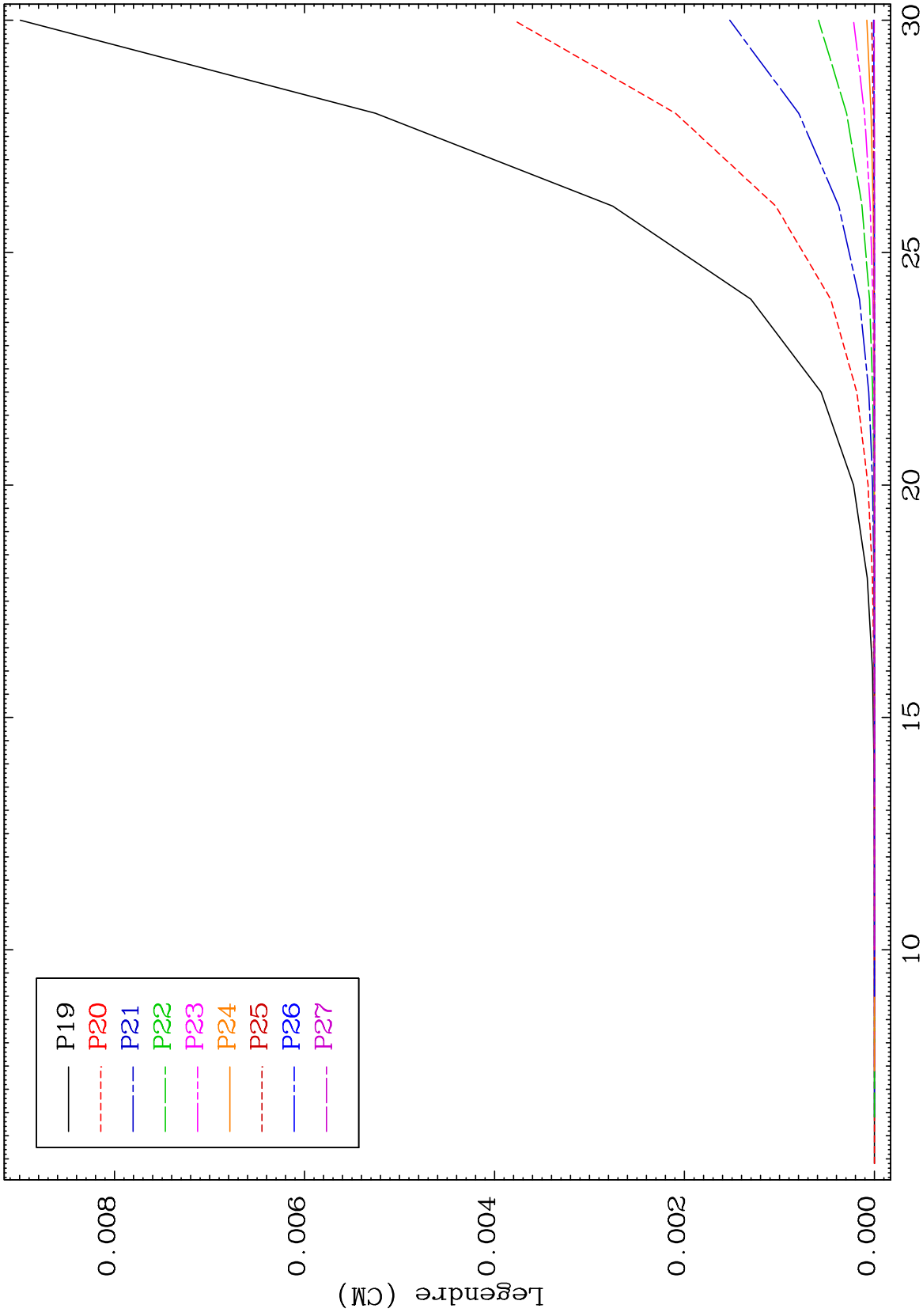
Incident Energy (MeV)

50-Sn-129

MAT 5076

Elastic Legendre Coefficients

50-Sn-129



17

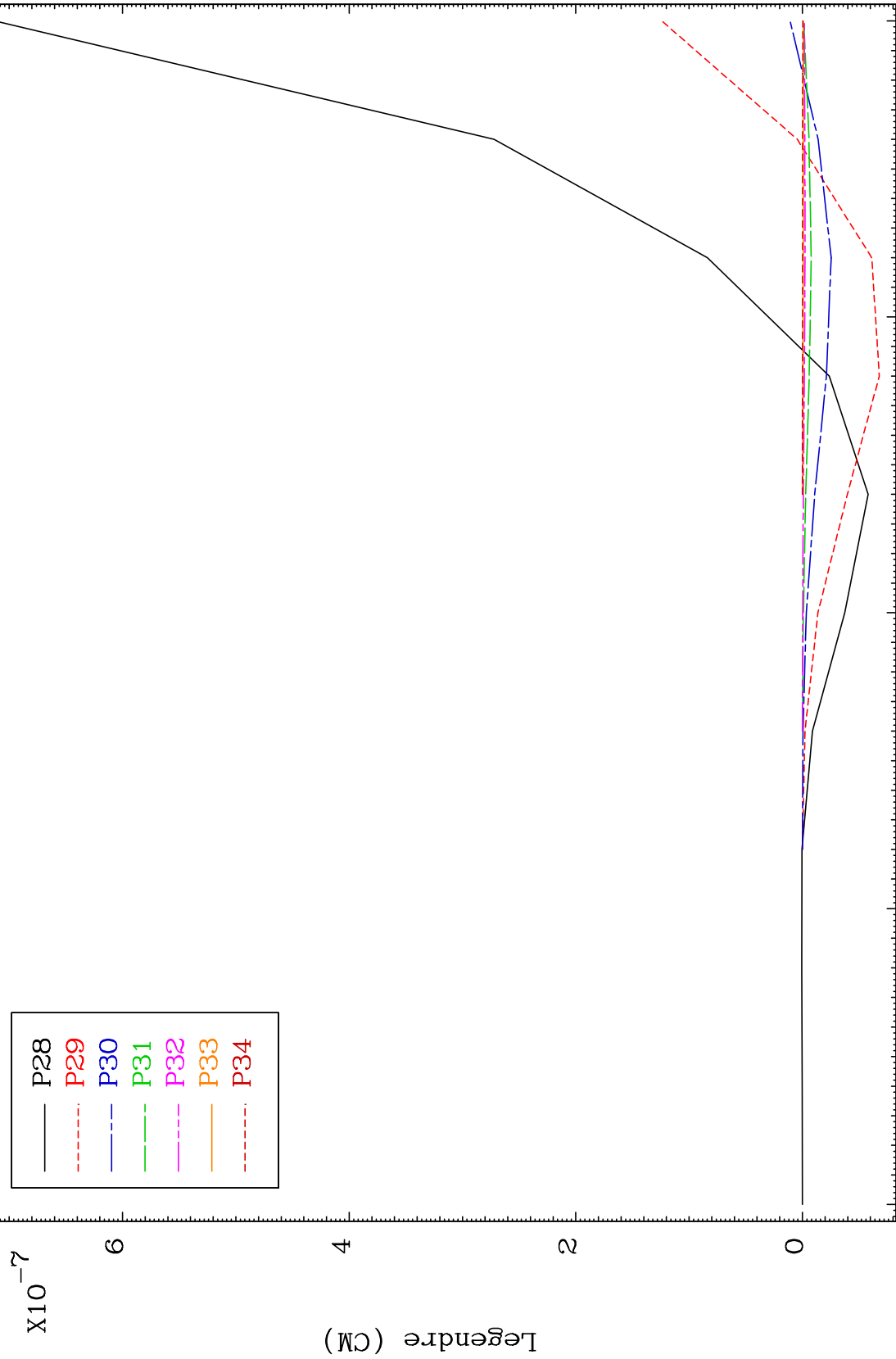
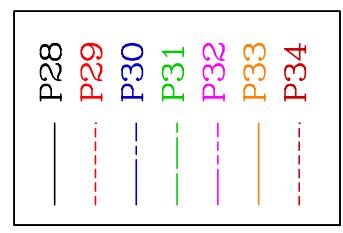
Incident Energy (MeV)

50-Sn-129

MAT 5076

Elastic Legendre Coefficients

50-Sn-129

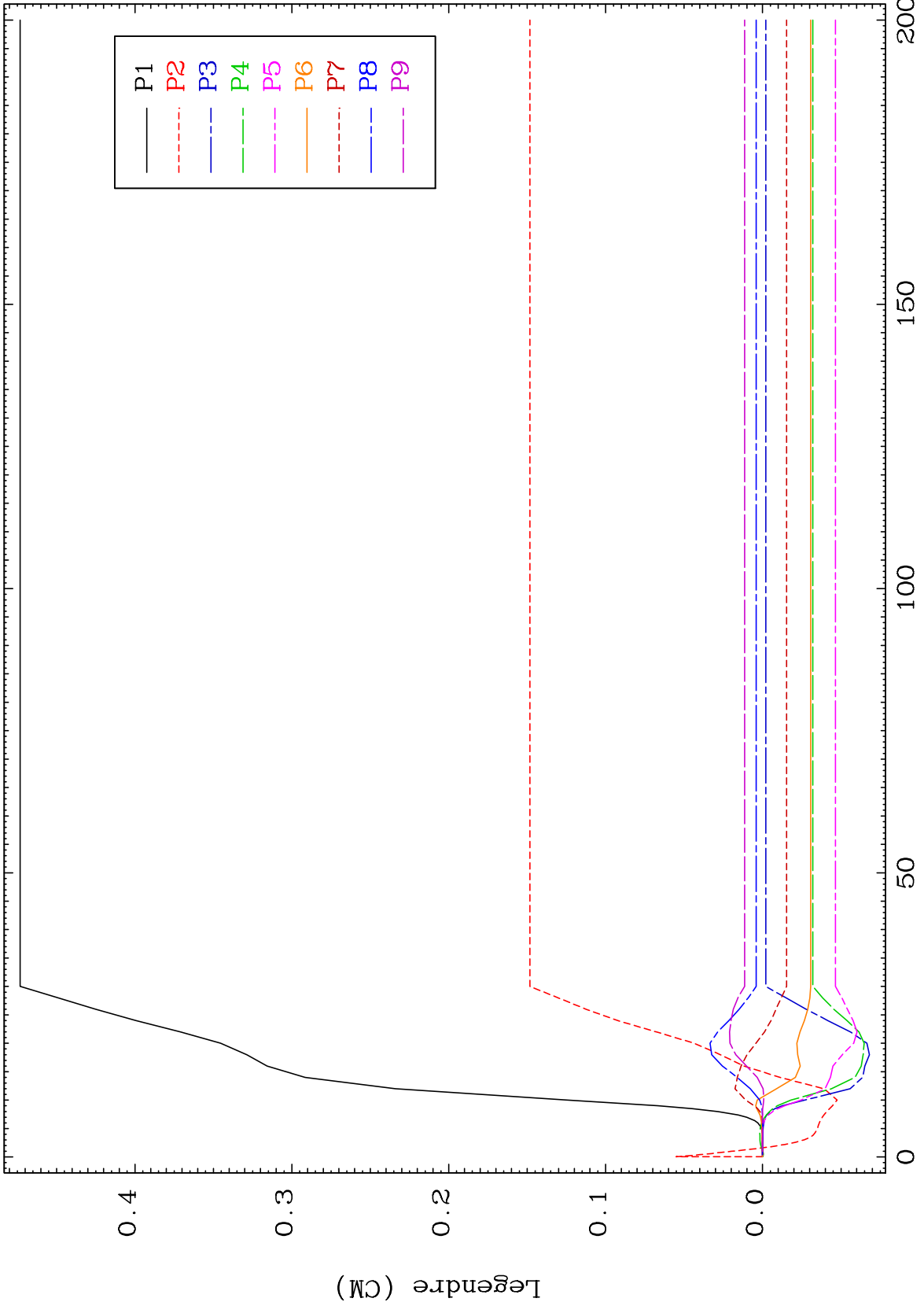


18

Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-129

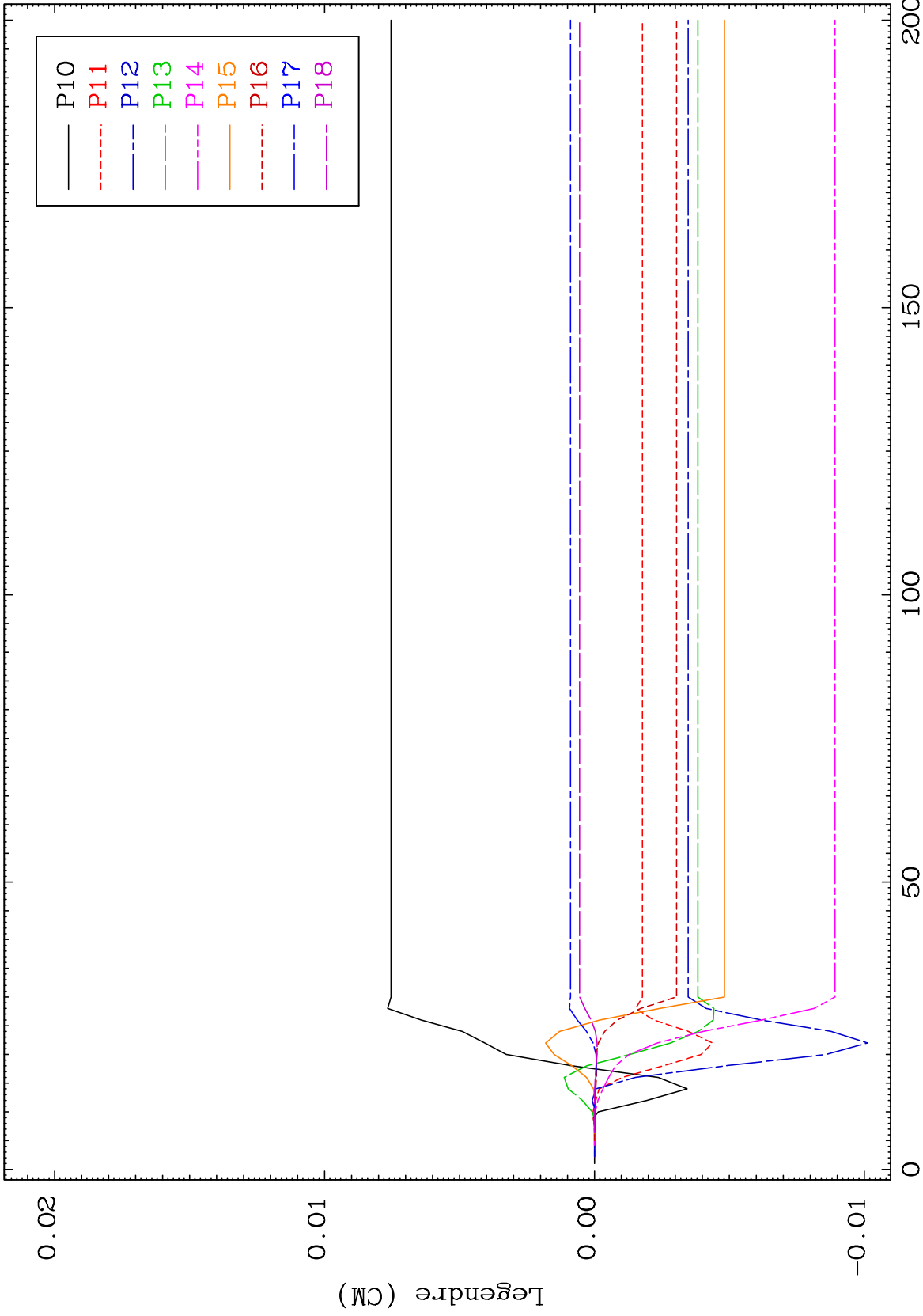


19 50-Sn-129

MAT 5076

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

50-Sn-129



50-Sn-129

Incident Energy (MeV)

0

50

100

150

200

0.02

0.01

0.00

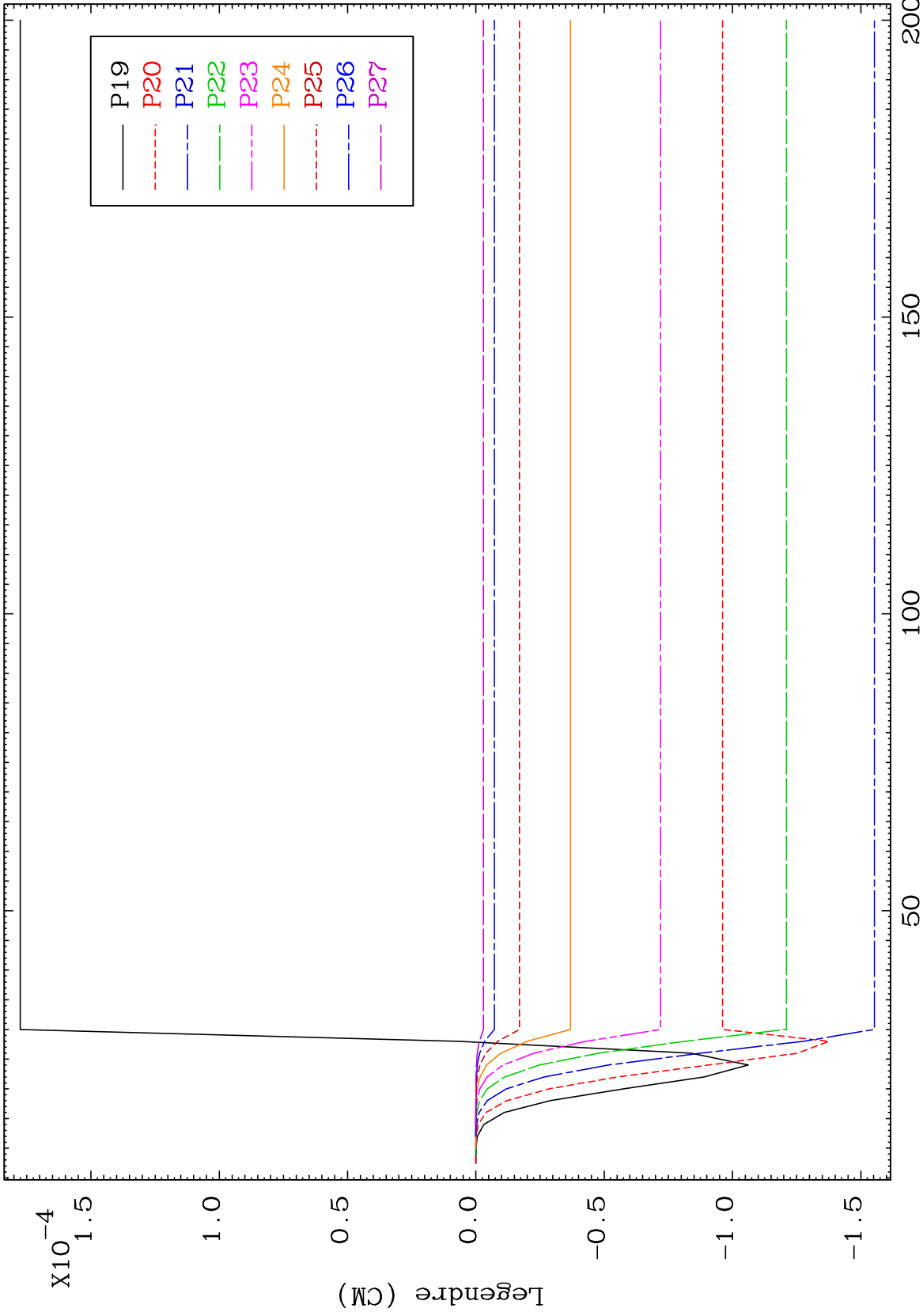
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Legendre (CM)

MAT 5076

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

50-Sn-129

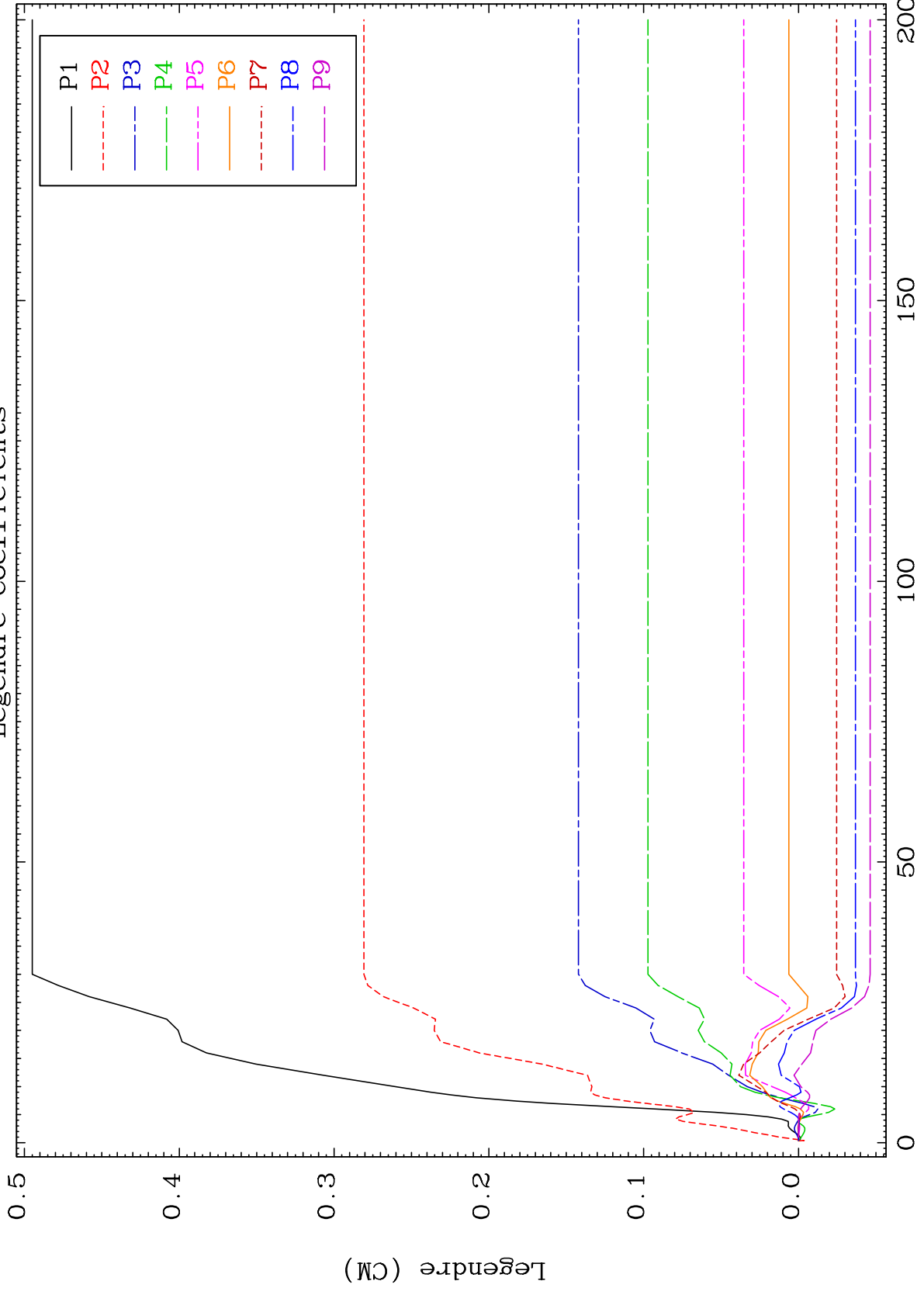


21

50-Sn-129



MAT 5076 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-129

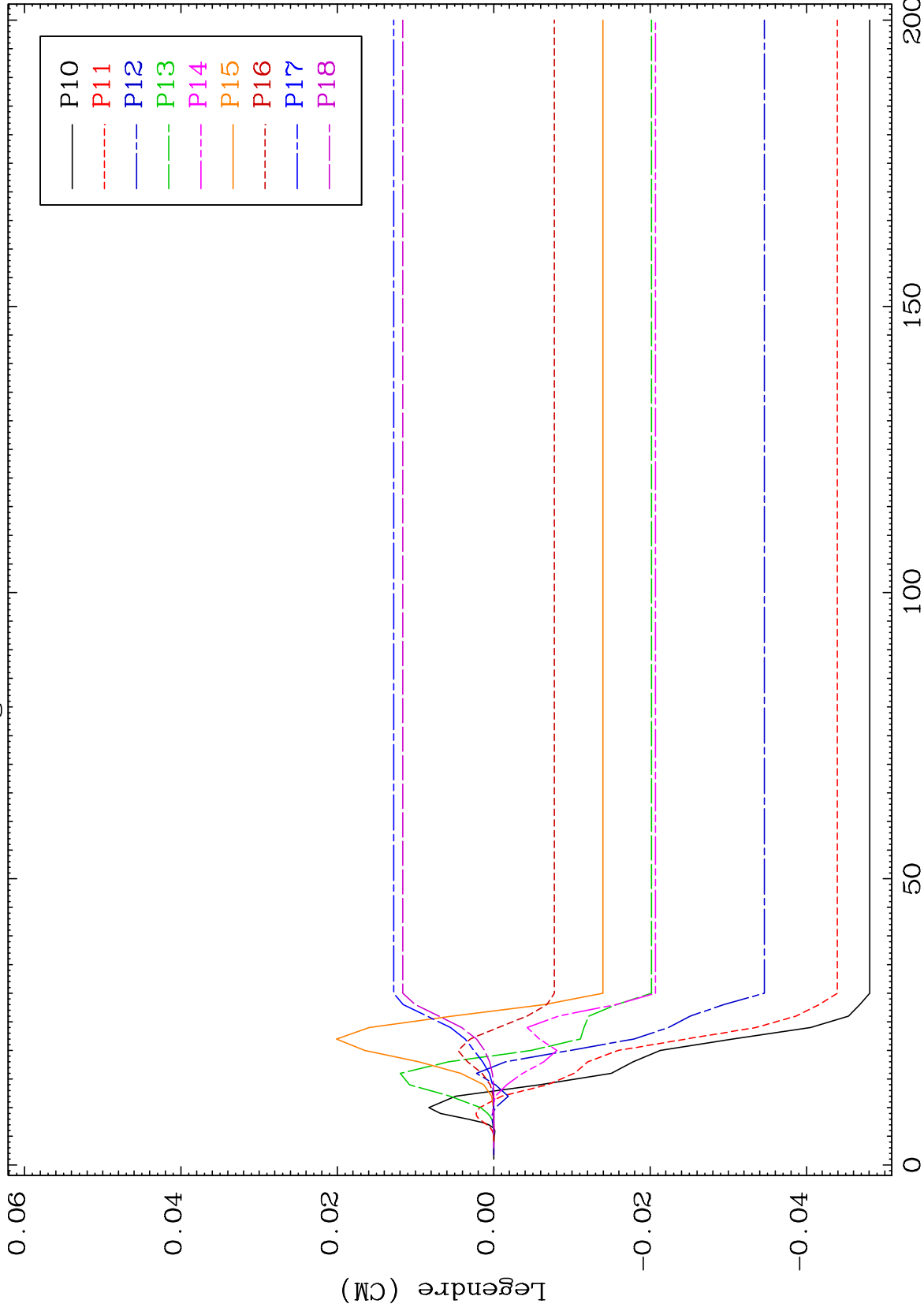




MAT 5076 MT= 52 (n,n') Level Legendre Coefficients

50-Sn-129

50-Sn-129

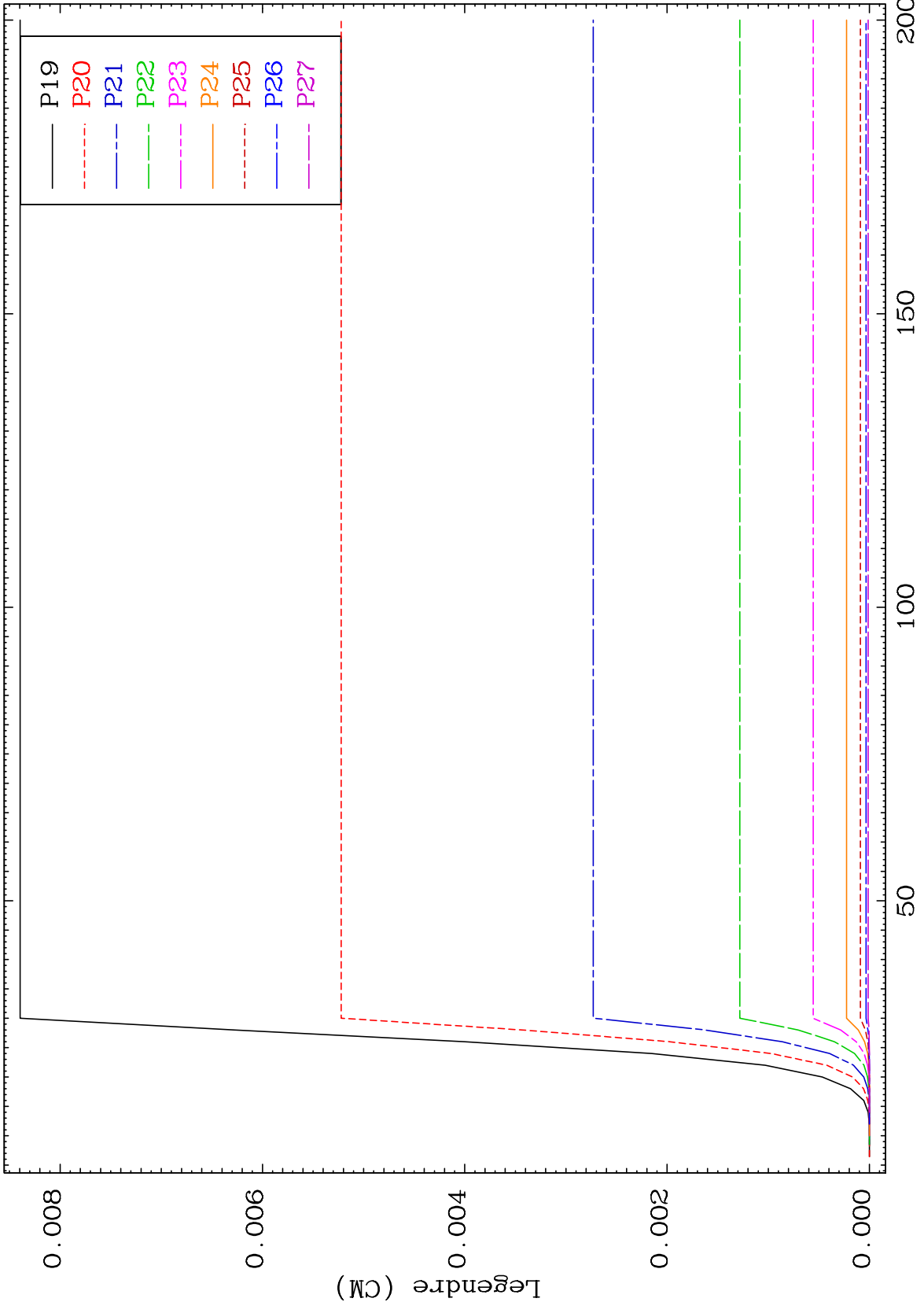


50-Sn-129

Incident Energy (MeV)

24

MAT 5076 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-129

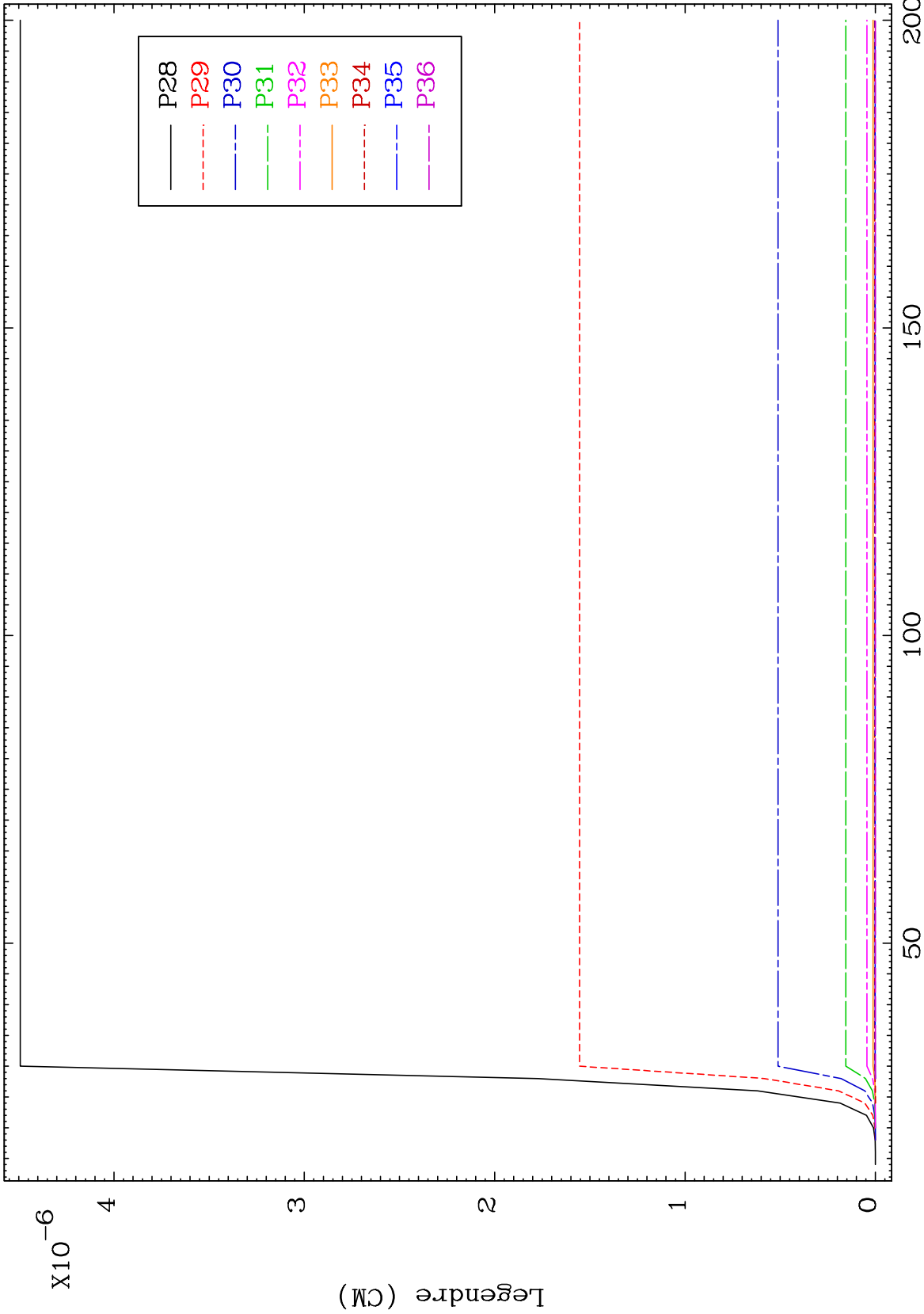


Legendre (CM) Incident Energy (MeV) 50-Sn-129

MAT 5076

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

50-Sn-129



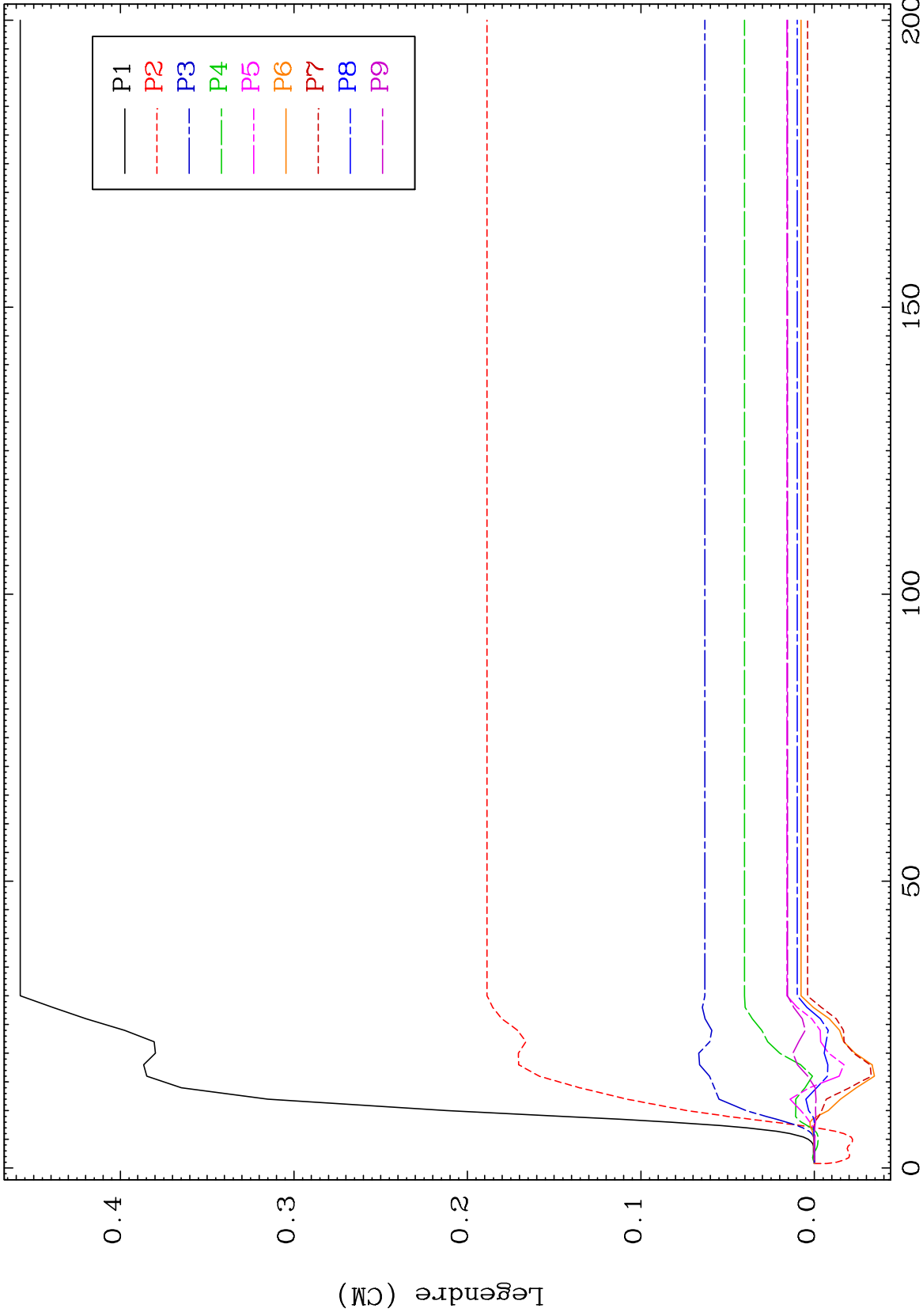
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50-Sn-129

MAT 5076

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

50-Sn-129



27

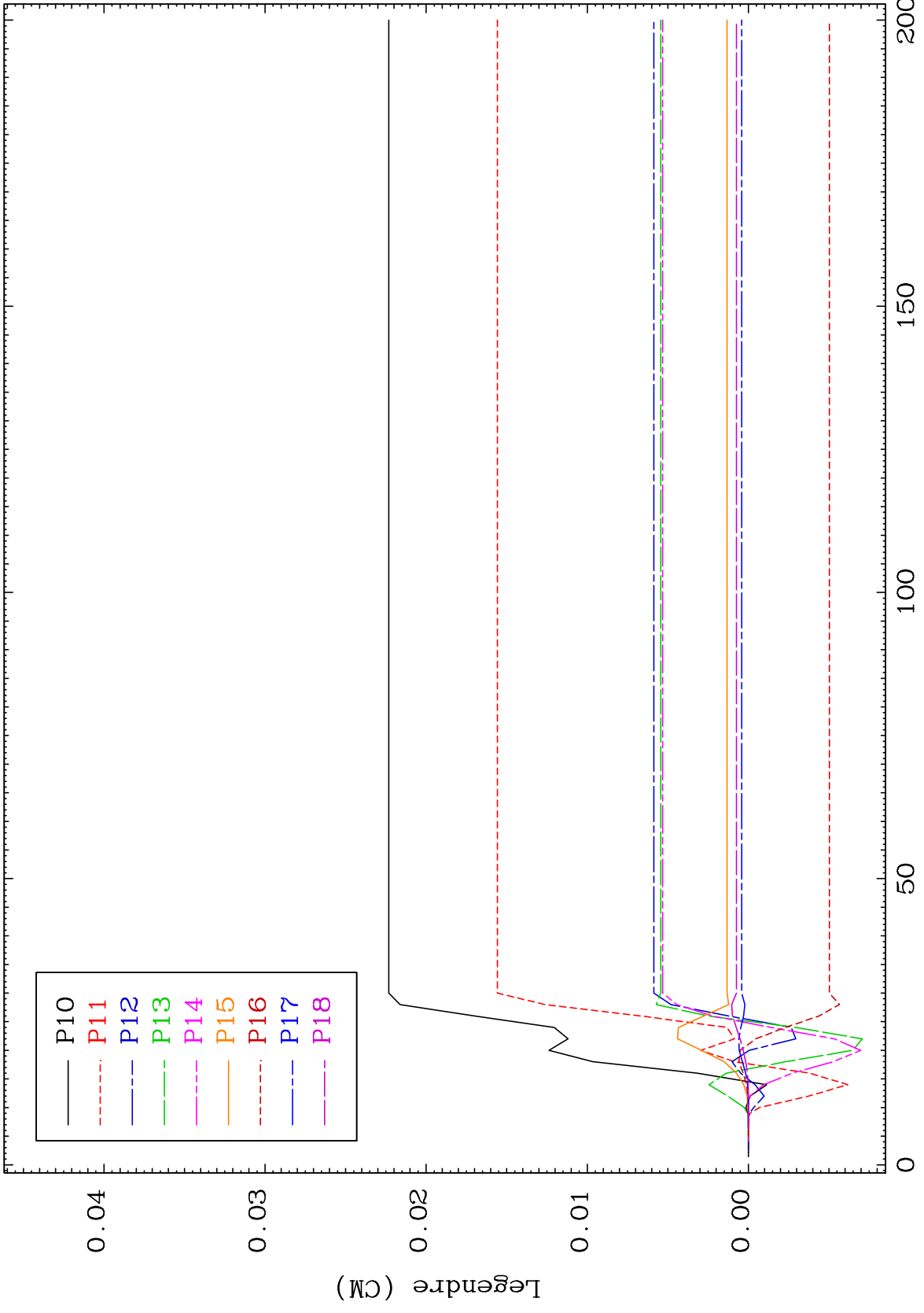
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



28

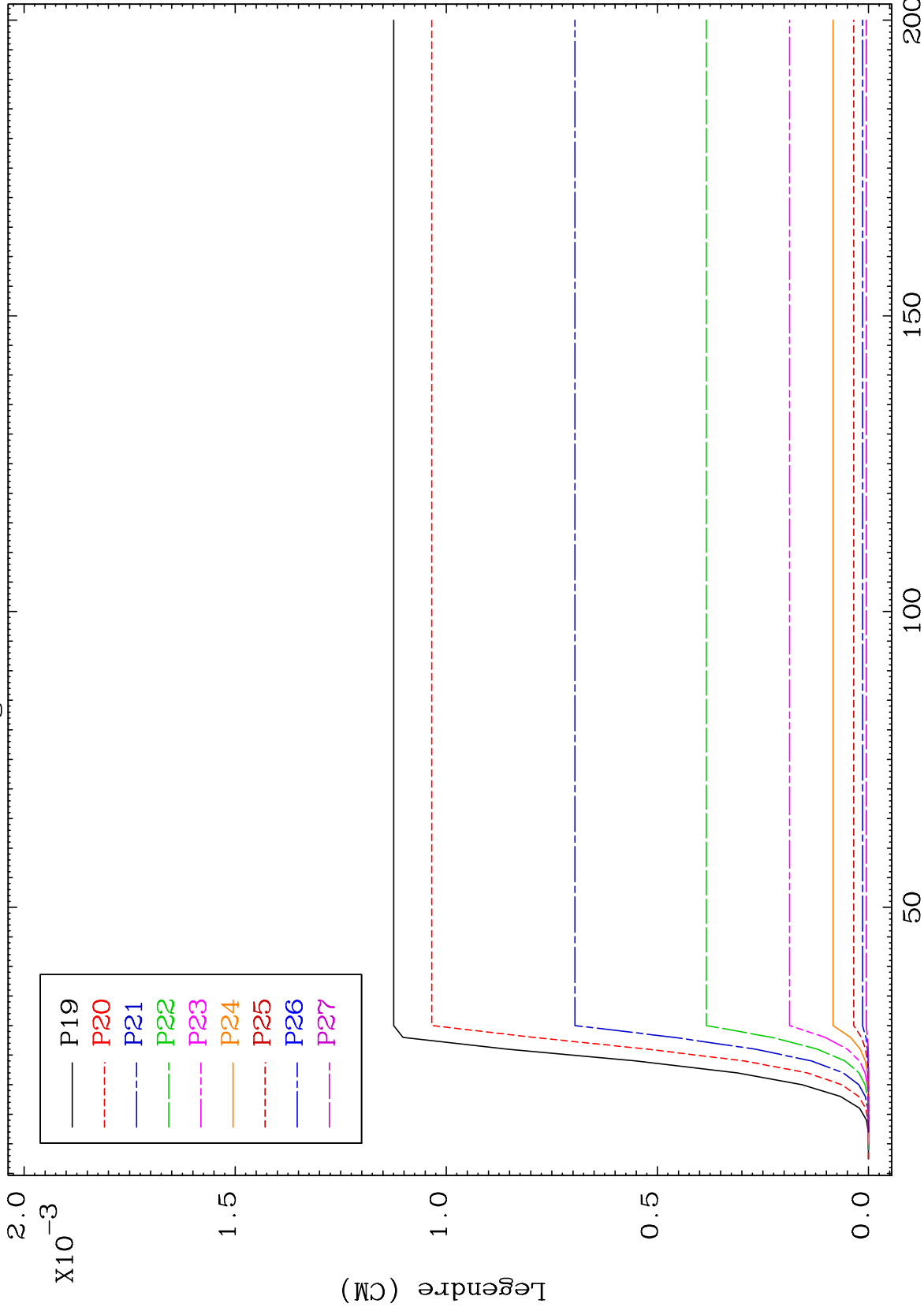
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

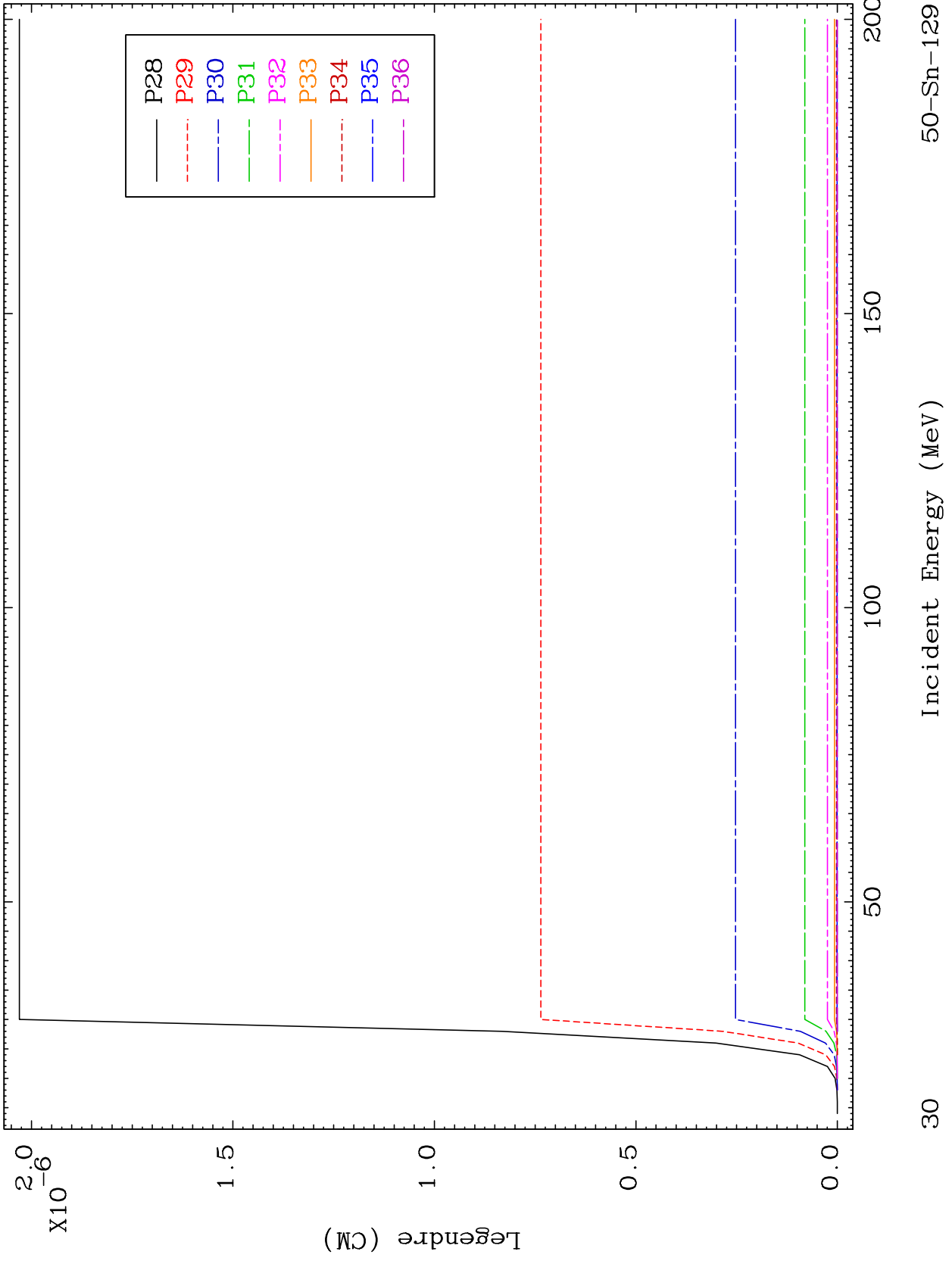
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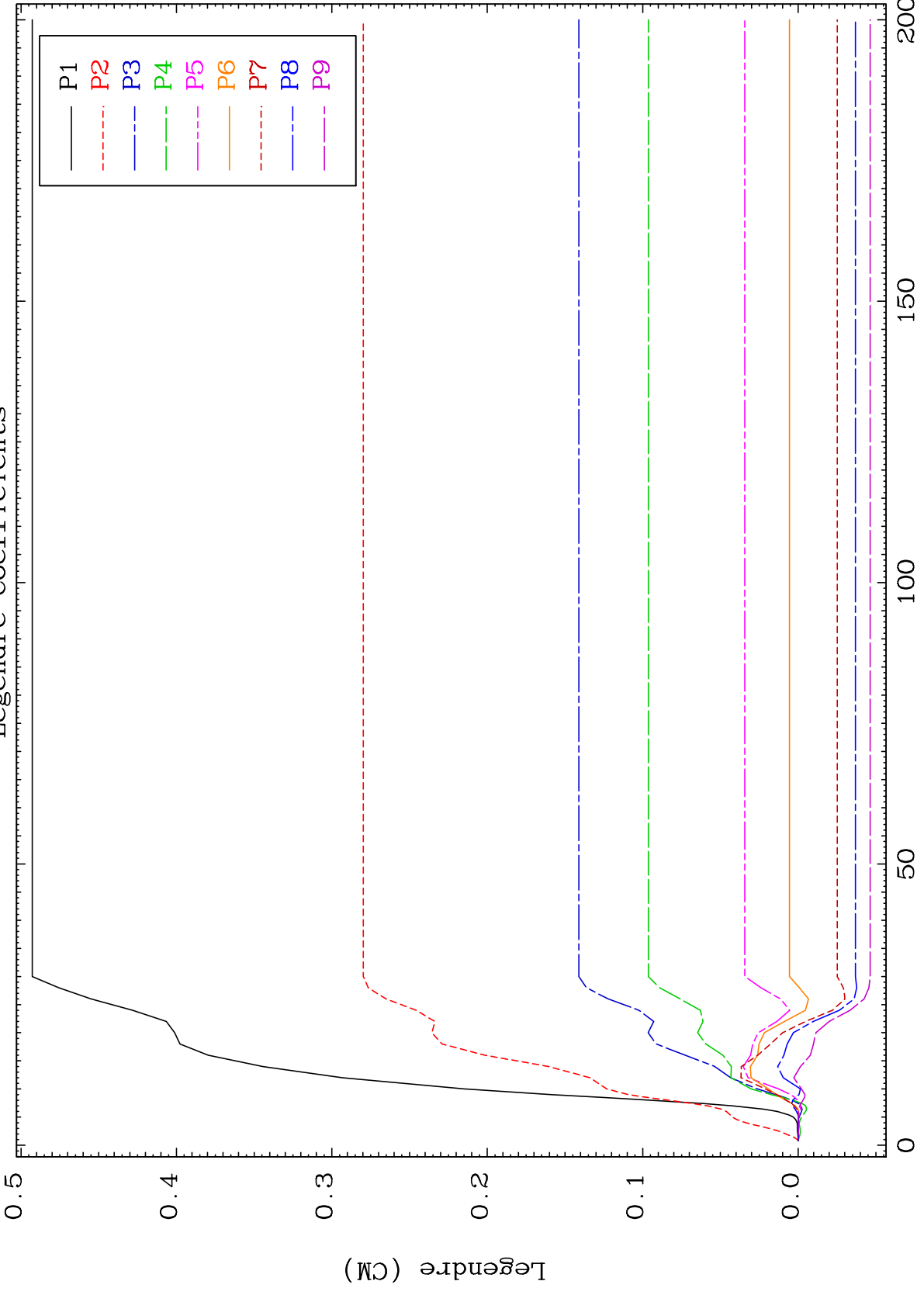
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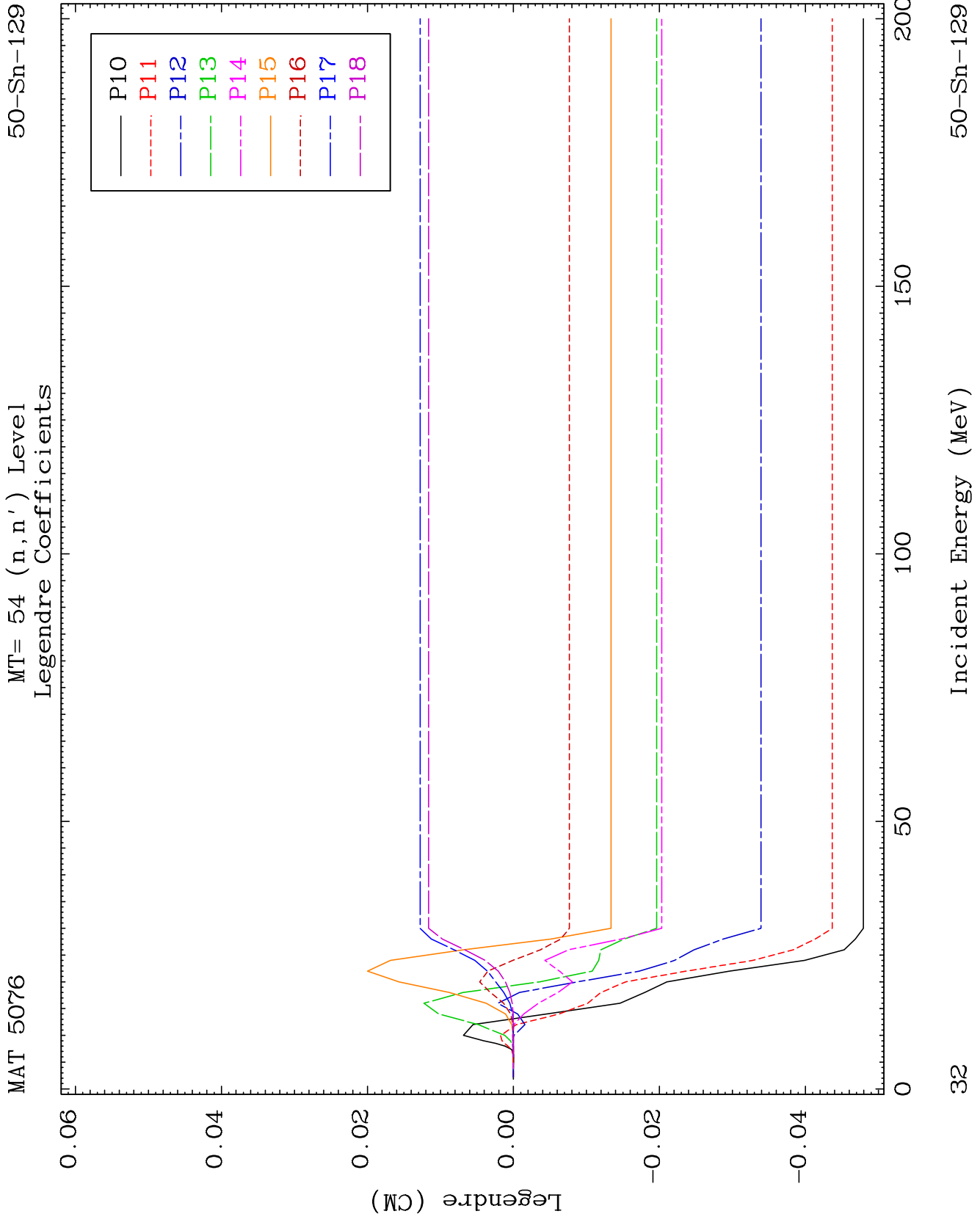
MAT 5076 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-129



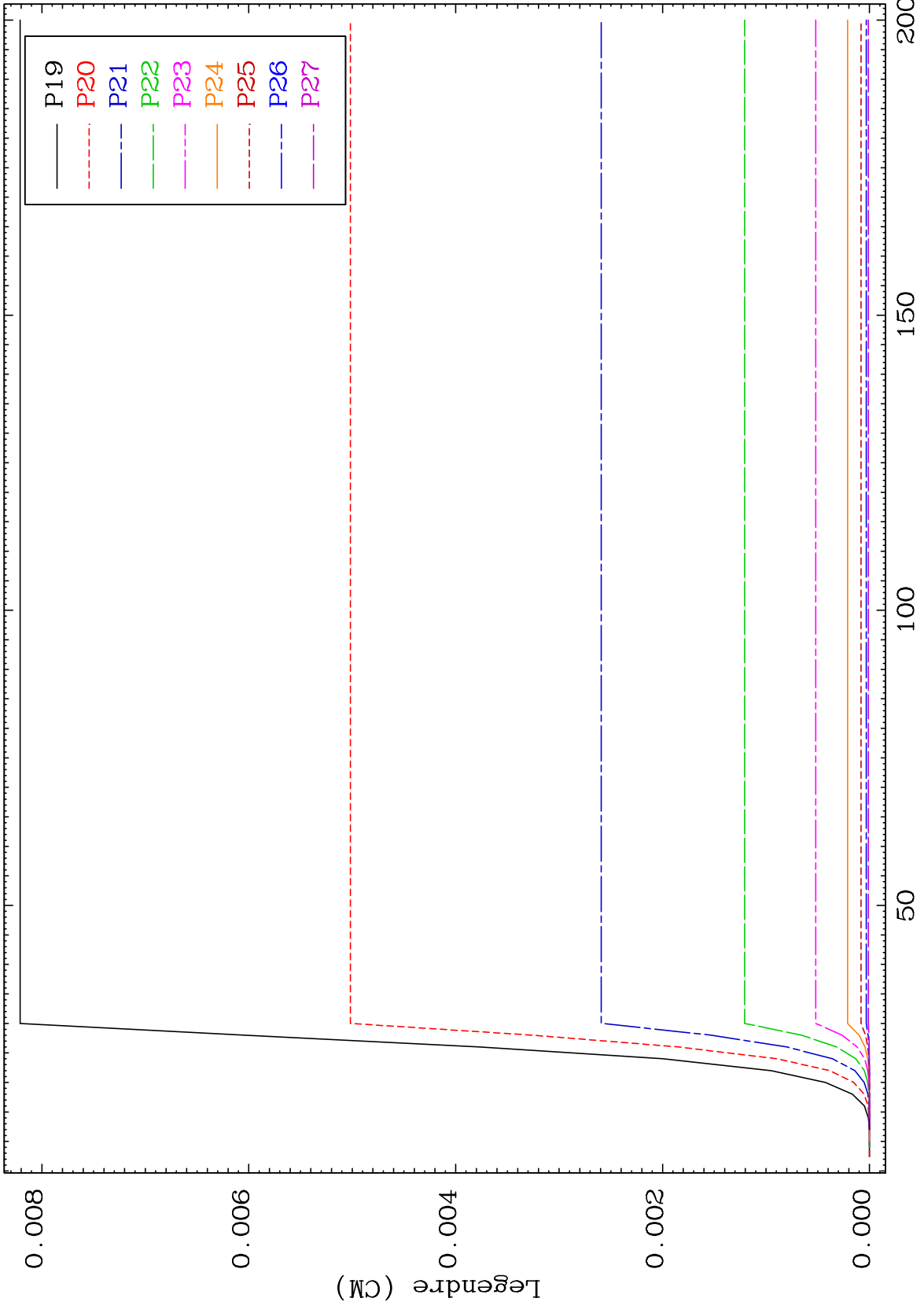
MAT 5076 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-129







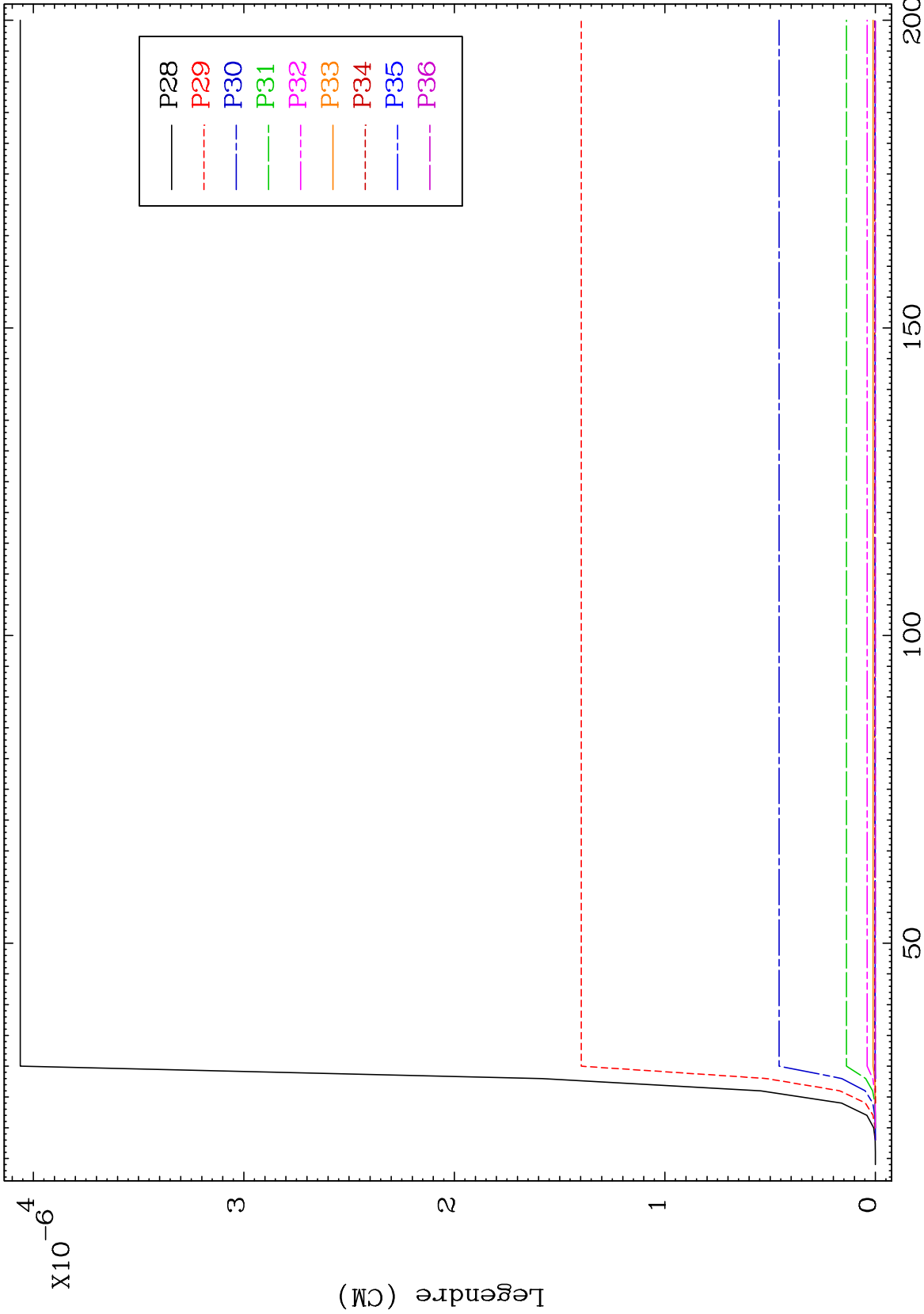
MAT 5076 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

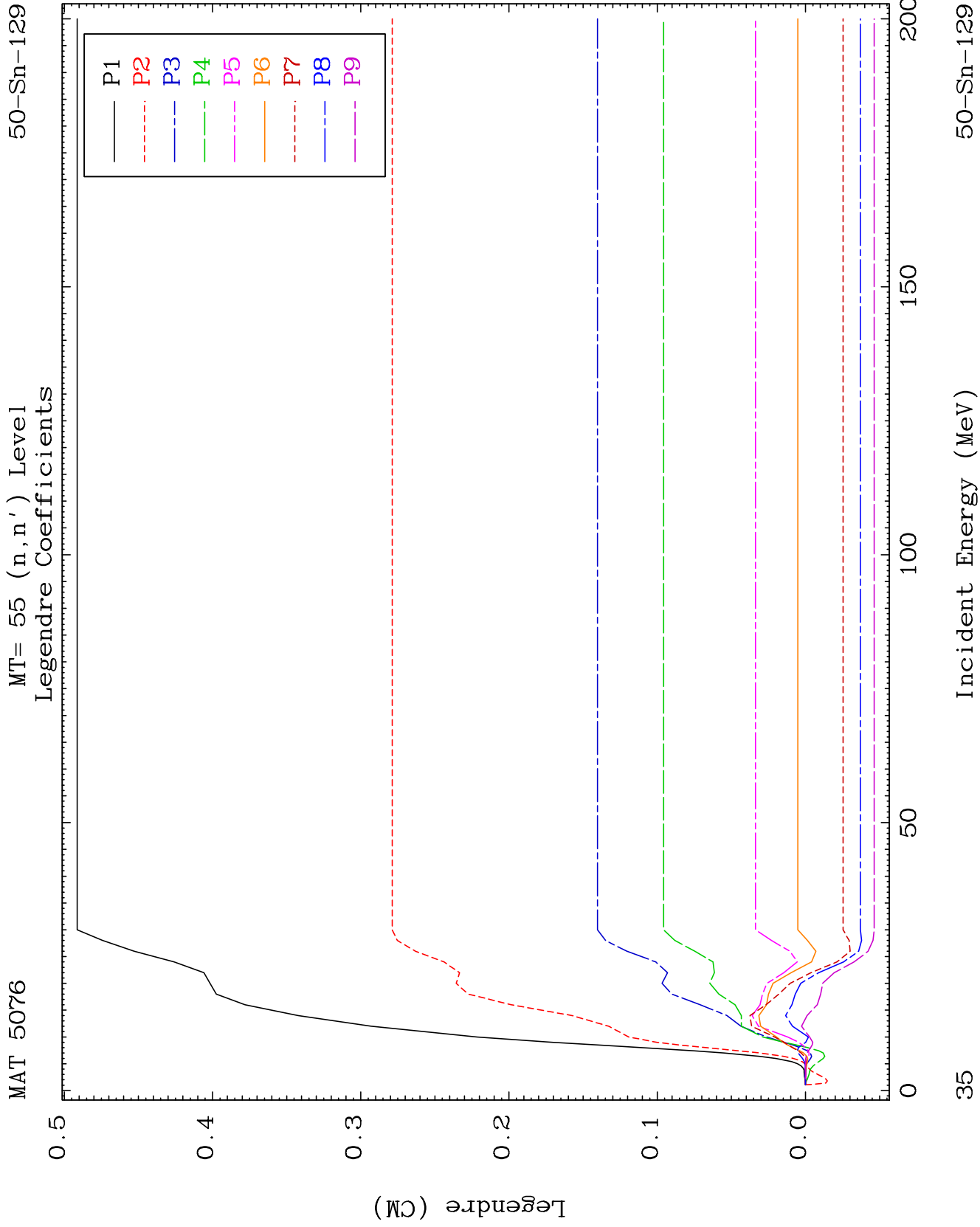
MT= 54 (n,n') Level  
Legendre Coefficients

50-Sn-129



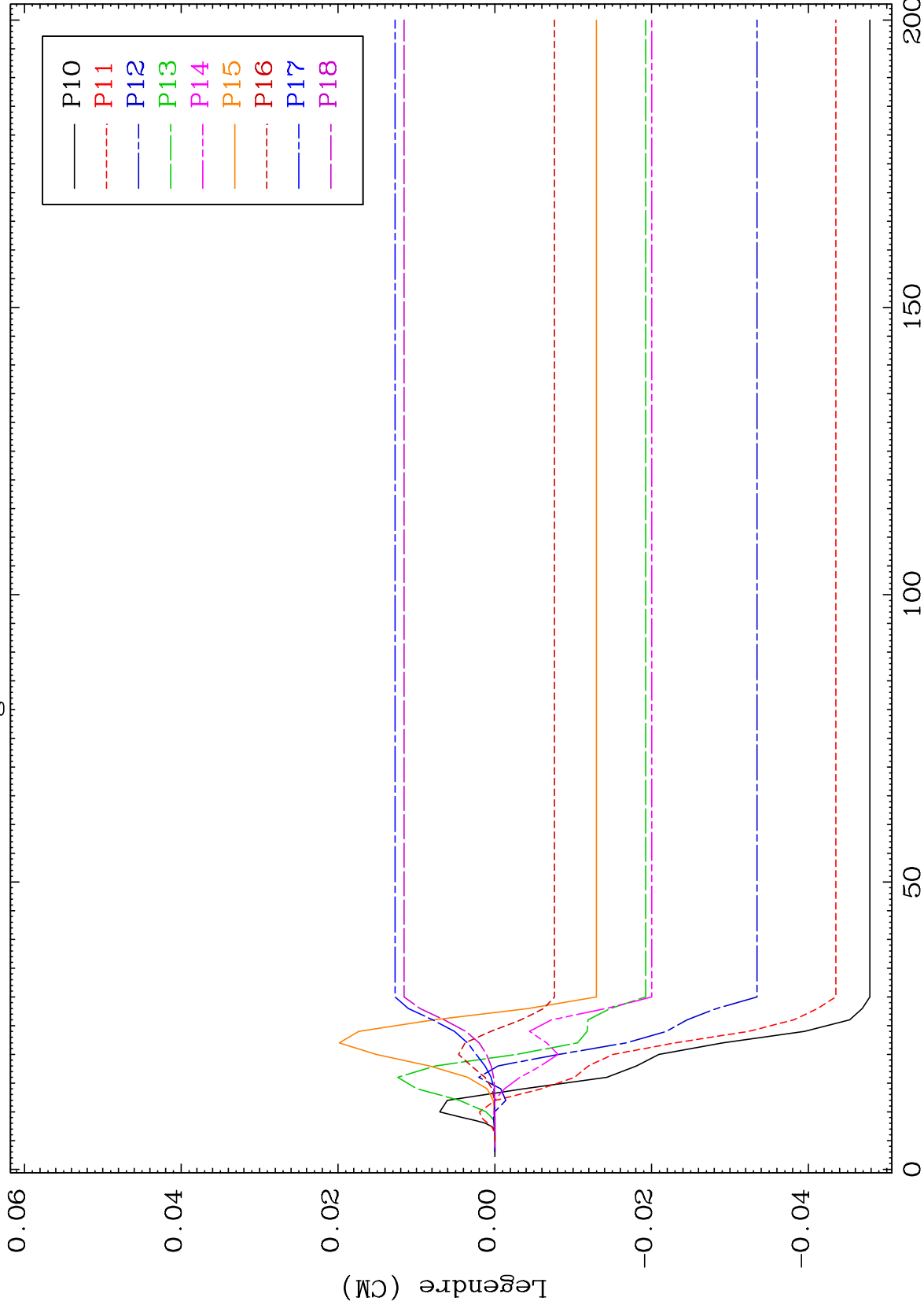
34

50-Sn-129

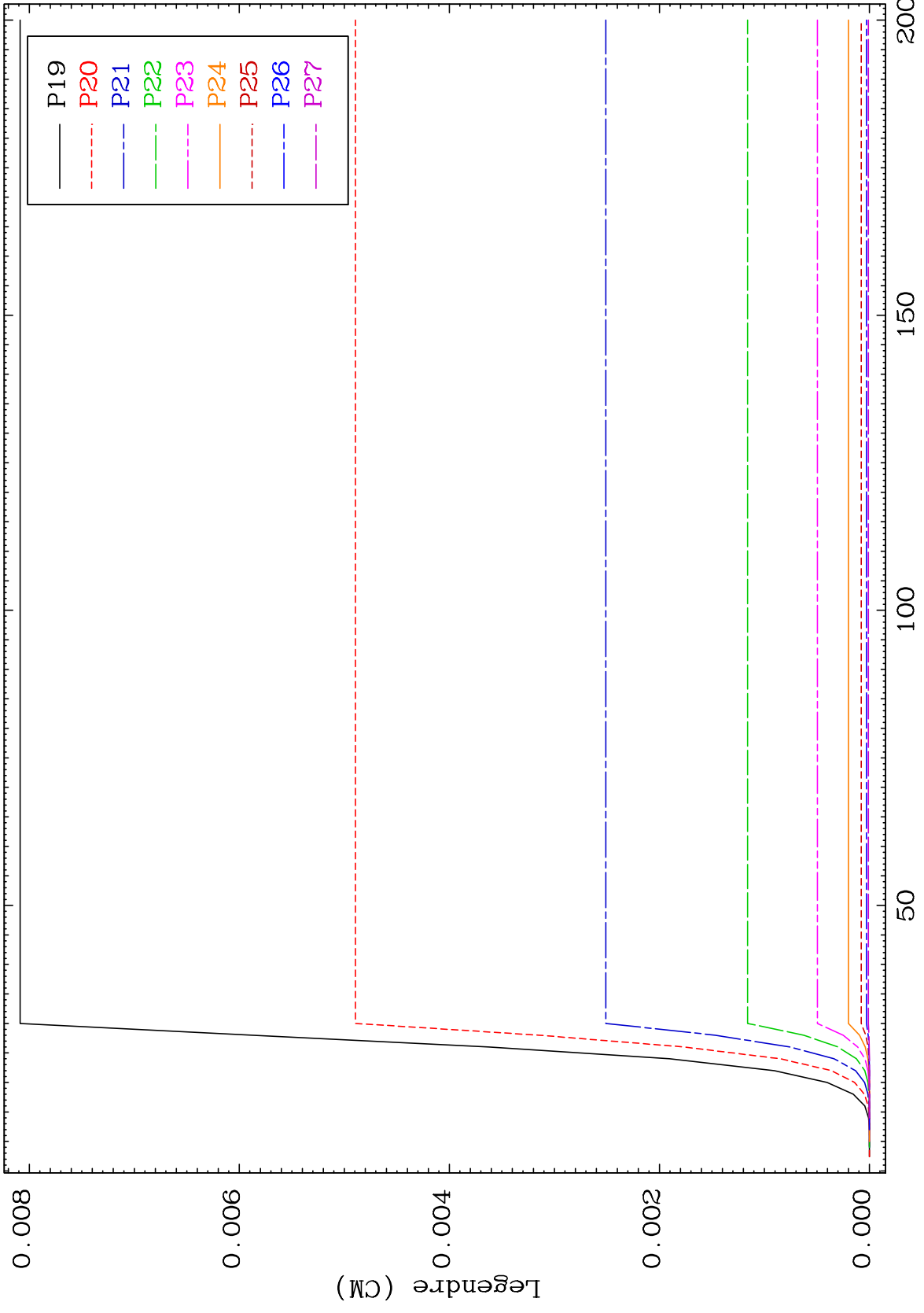


MAT 5076 MT= 55 (n,n') Level Legendre Coefficients

50-Sn-129



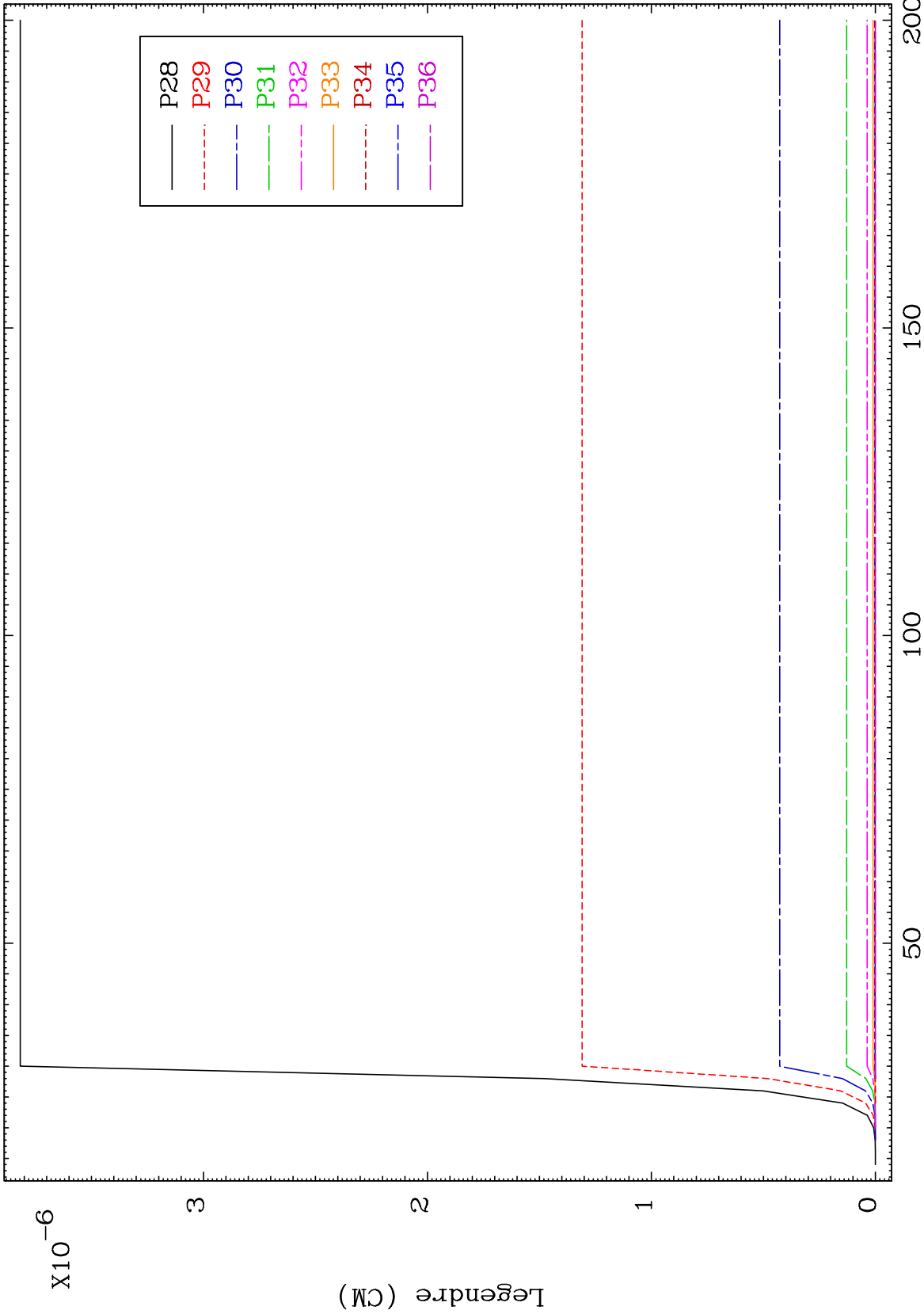
MAT 5076 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129

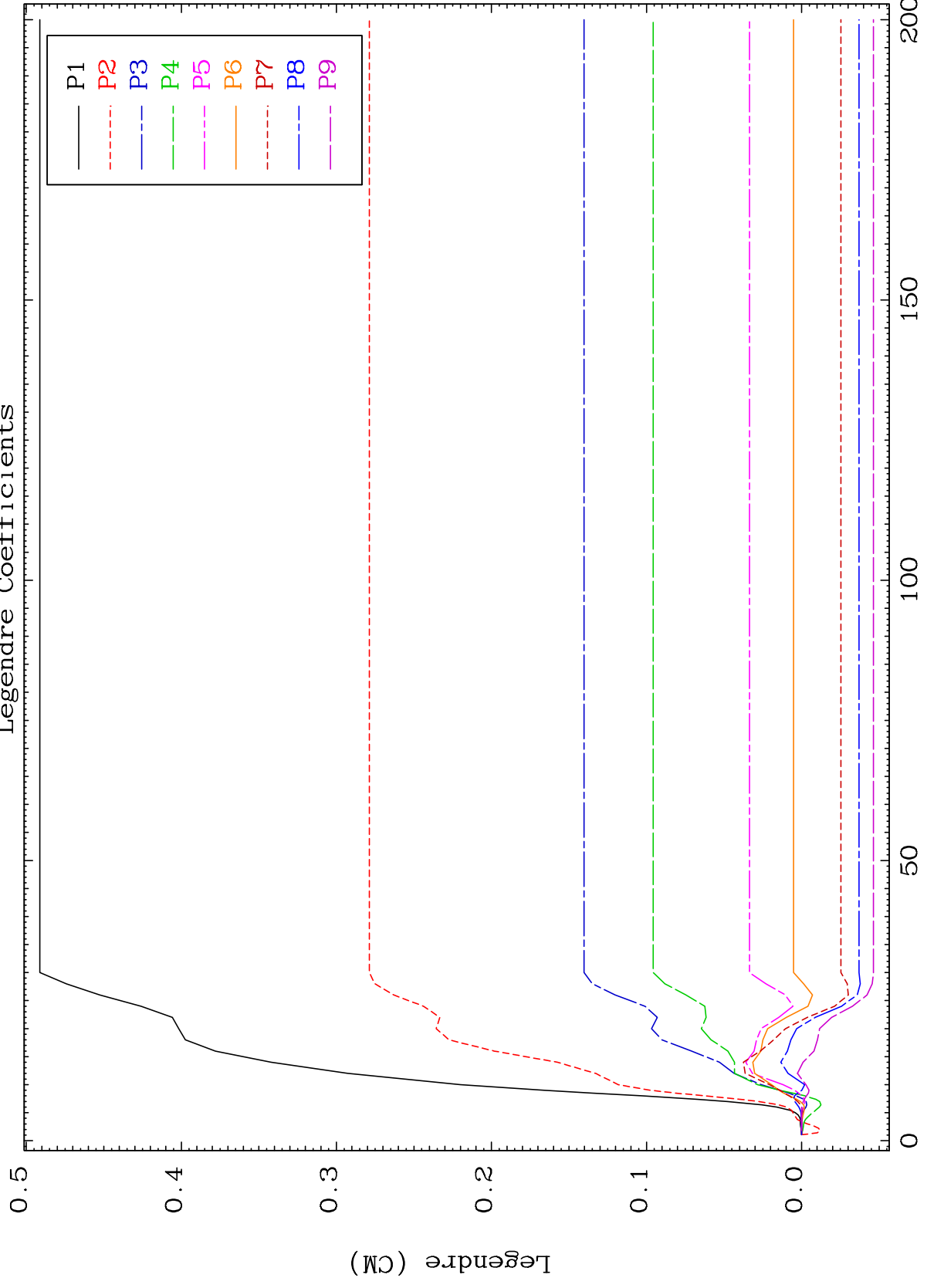


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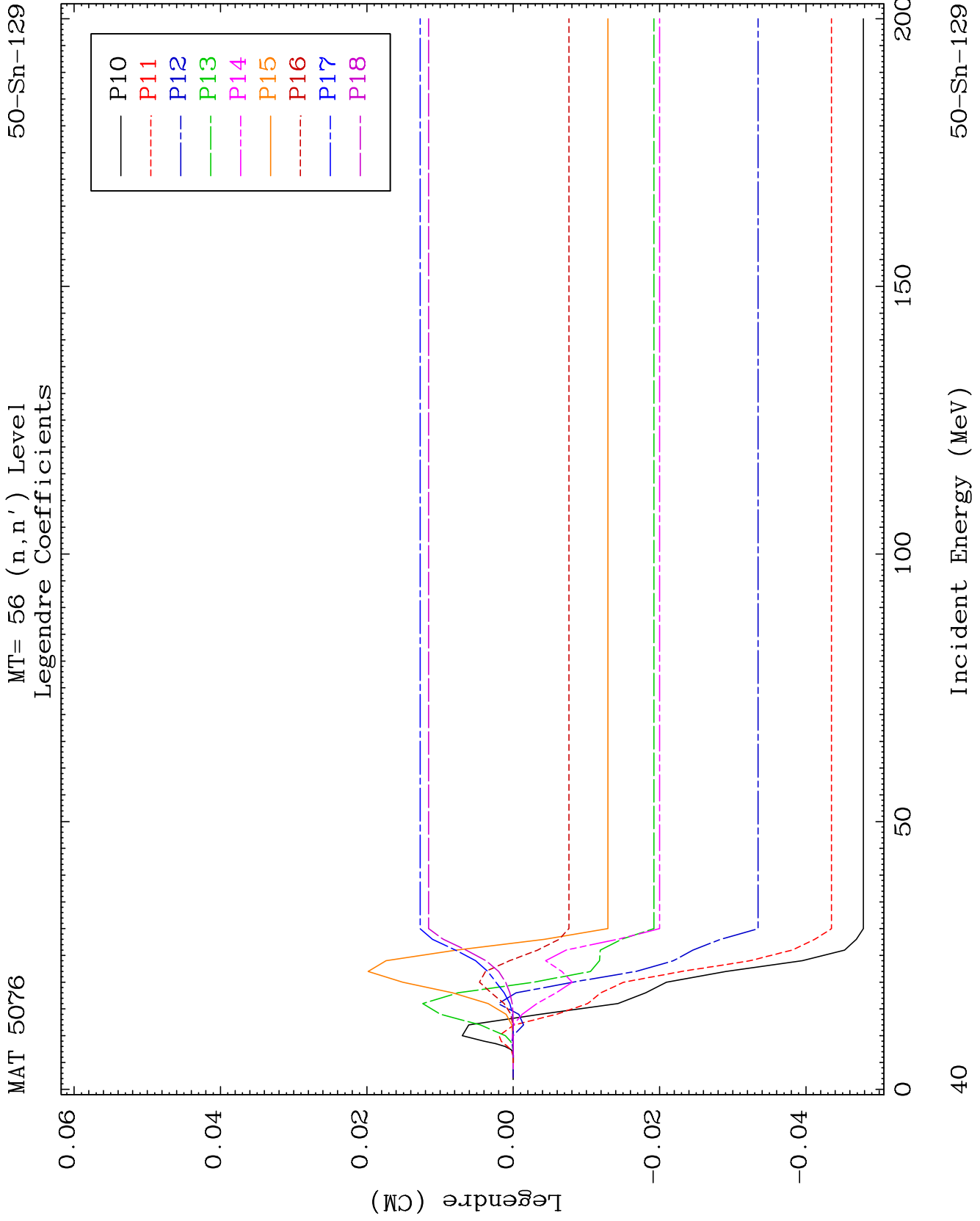
Incident Energy (MeV)

50-Sn-129

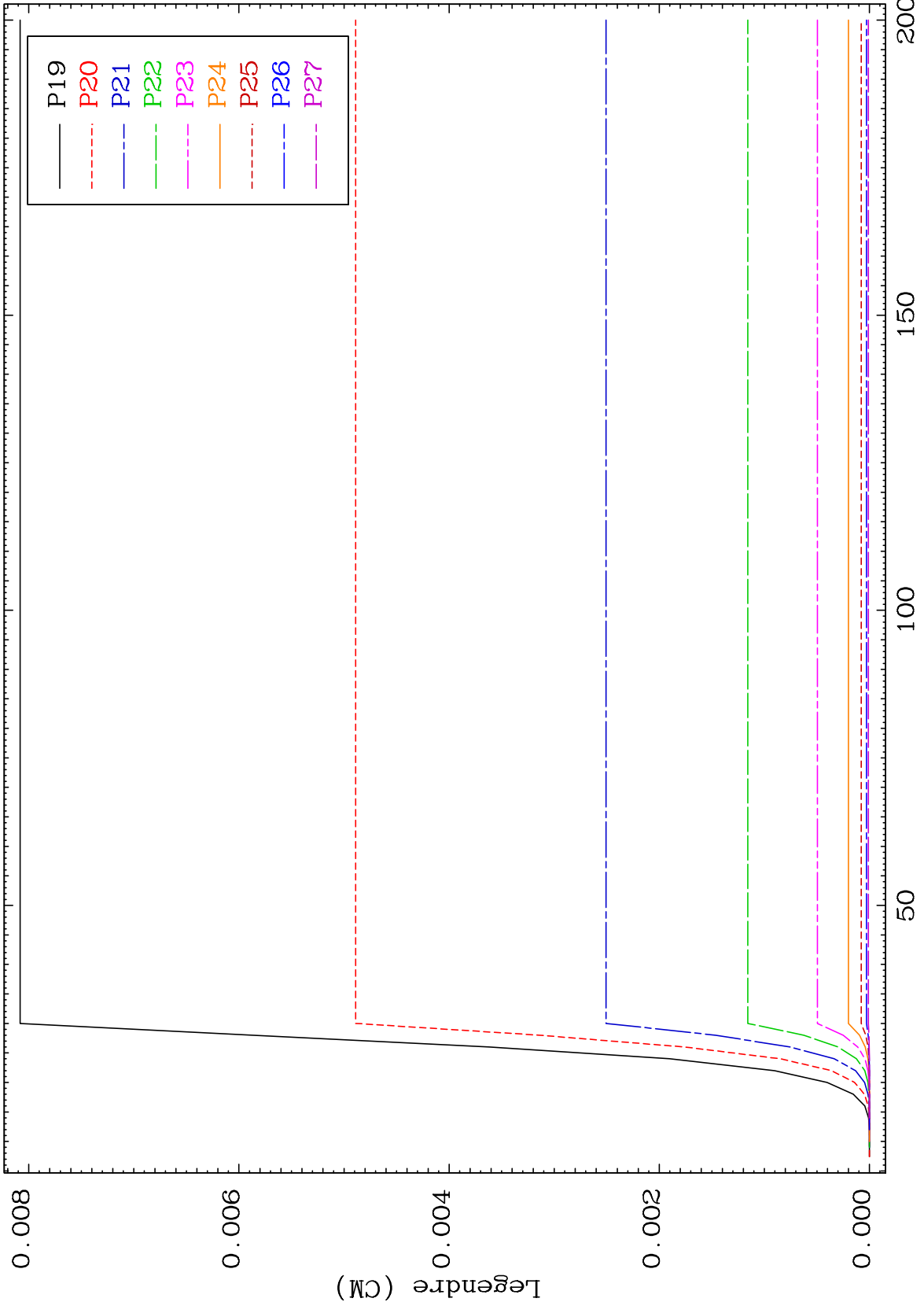
MAT 5076 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-129







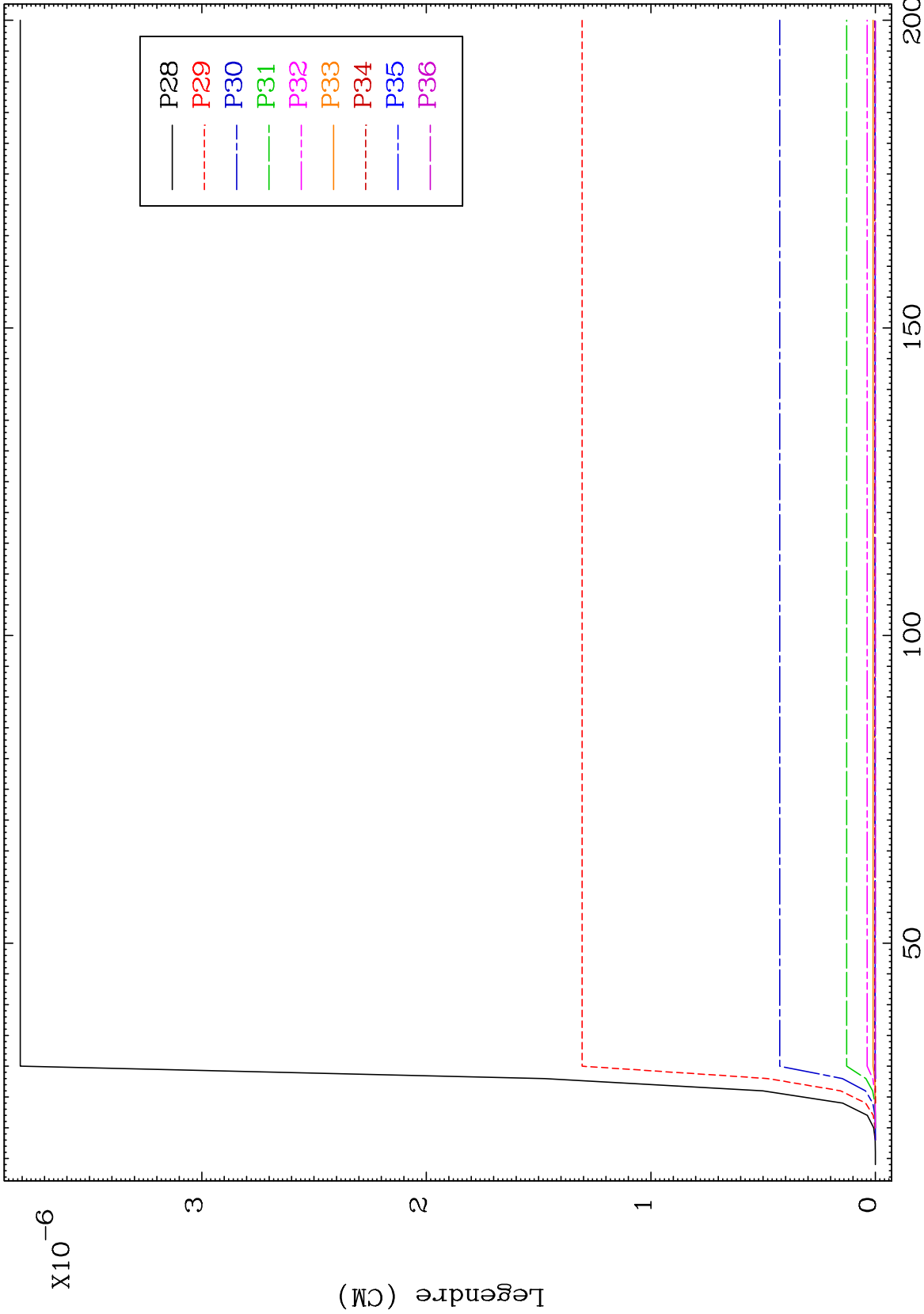
MAT 5076 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



42

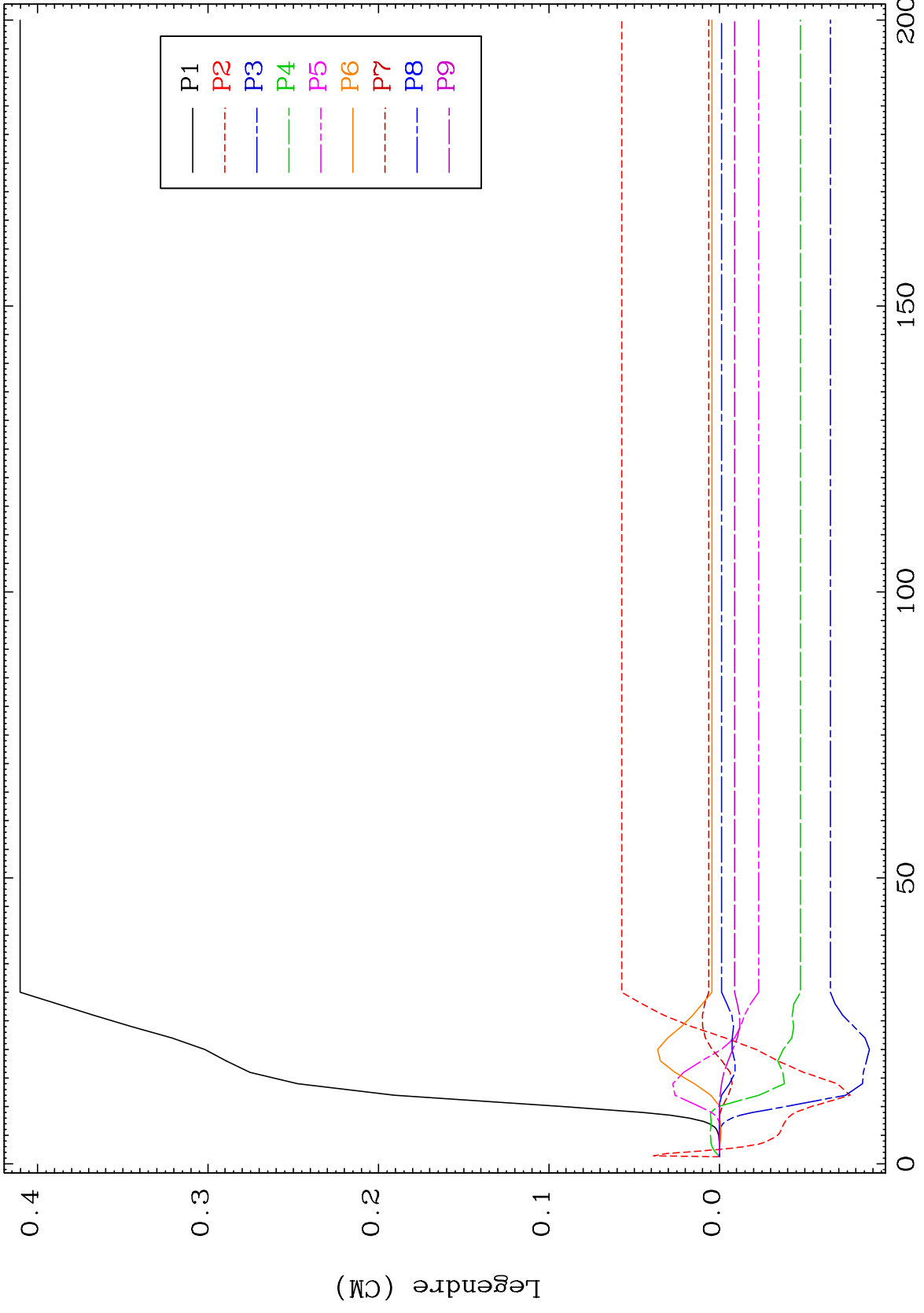
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

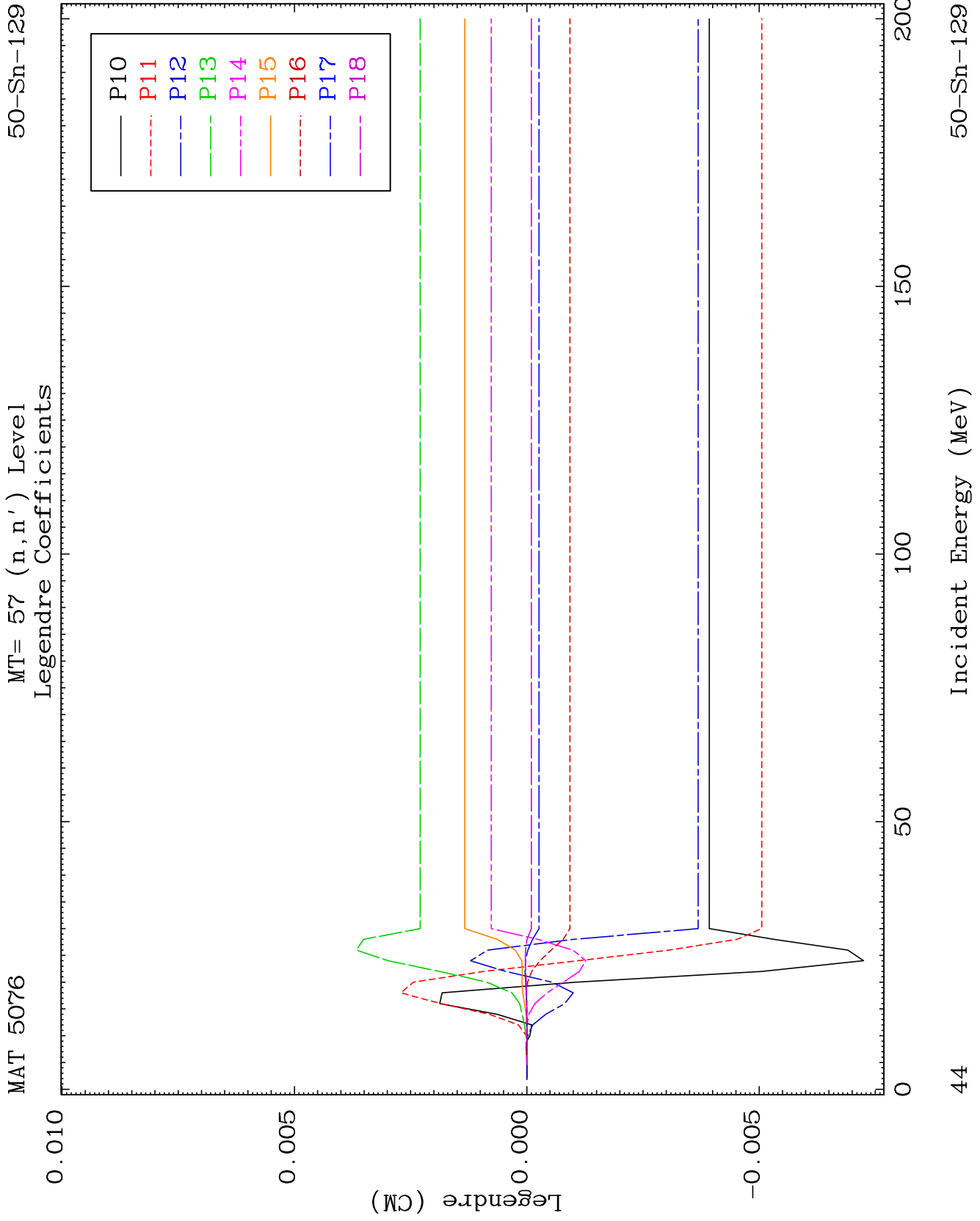
50-Sn-129



43

Incident Energy (MeV)

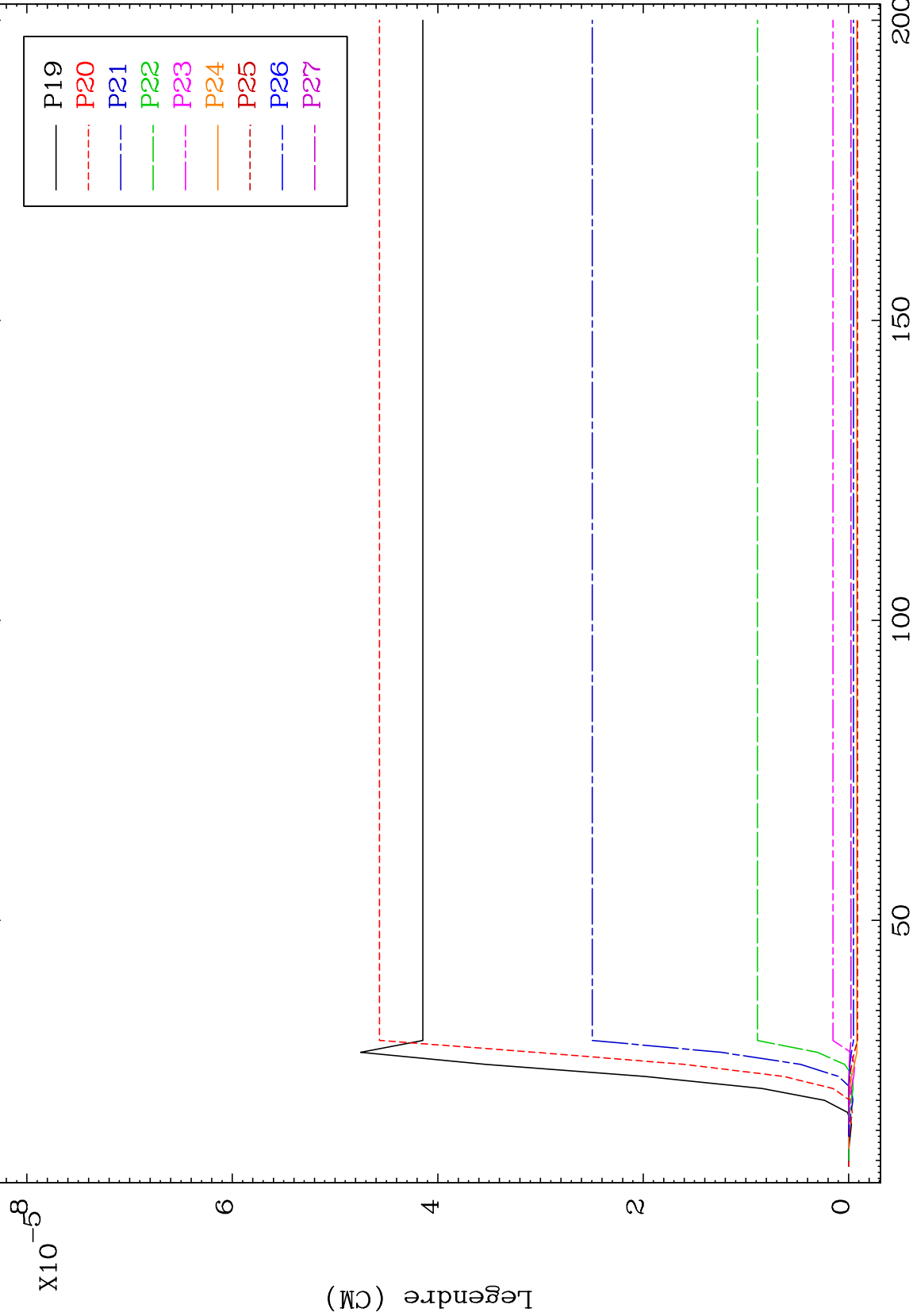
50-Sn-129



MAT 5076

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

50-Sn-129

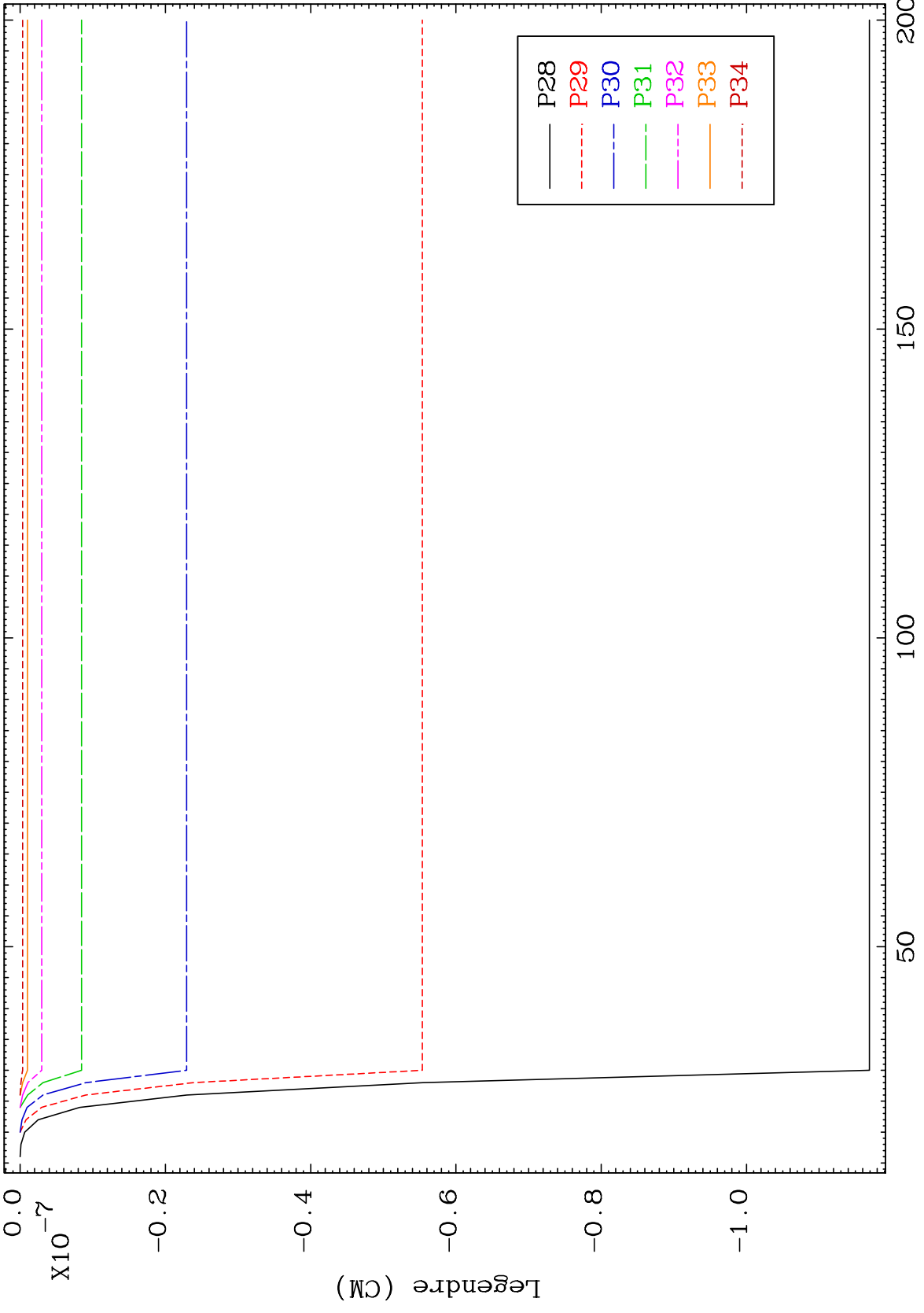


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Incident Energy (MeV)

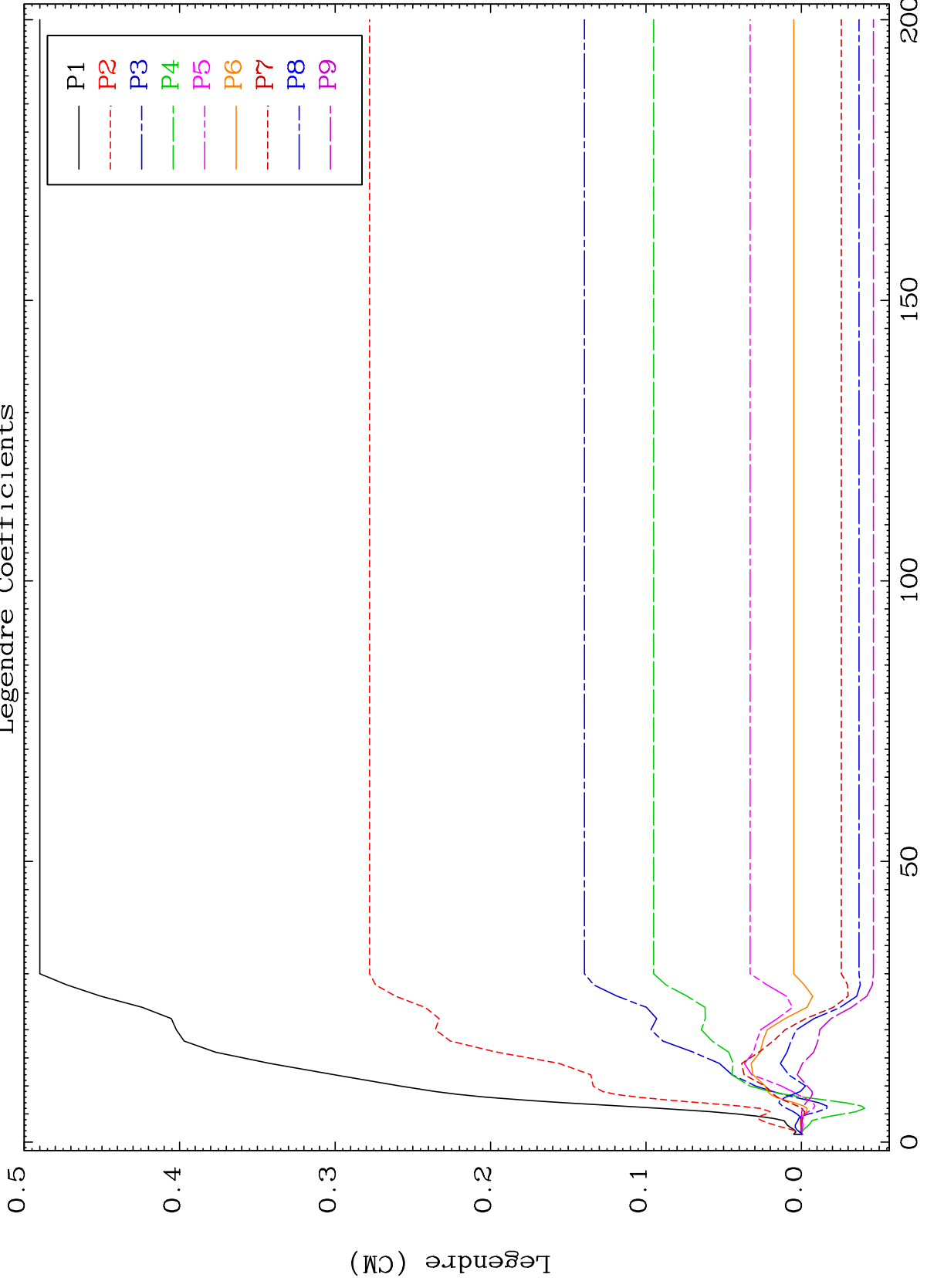
50-Sn-129

MAT 5076 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-129



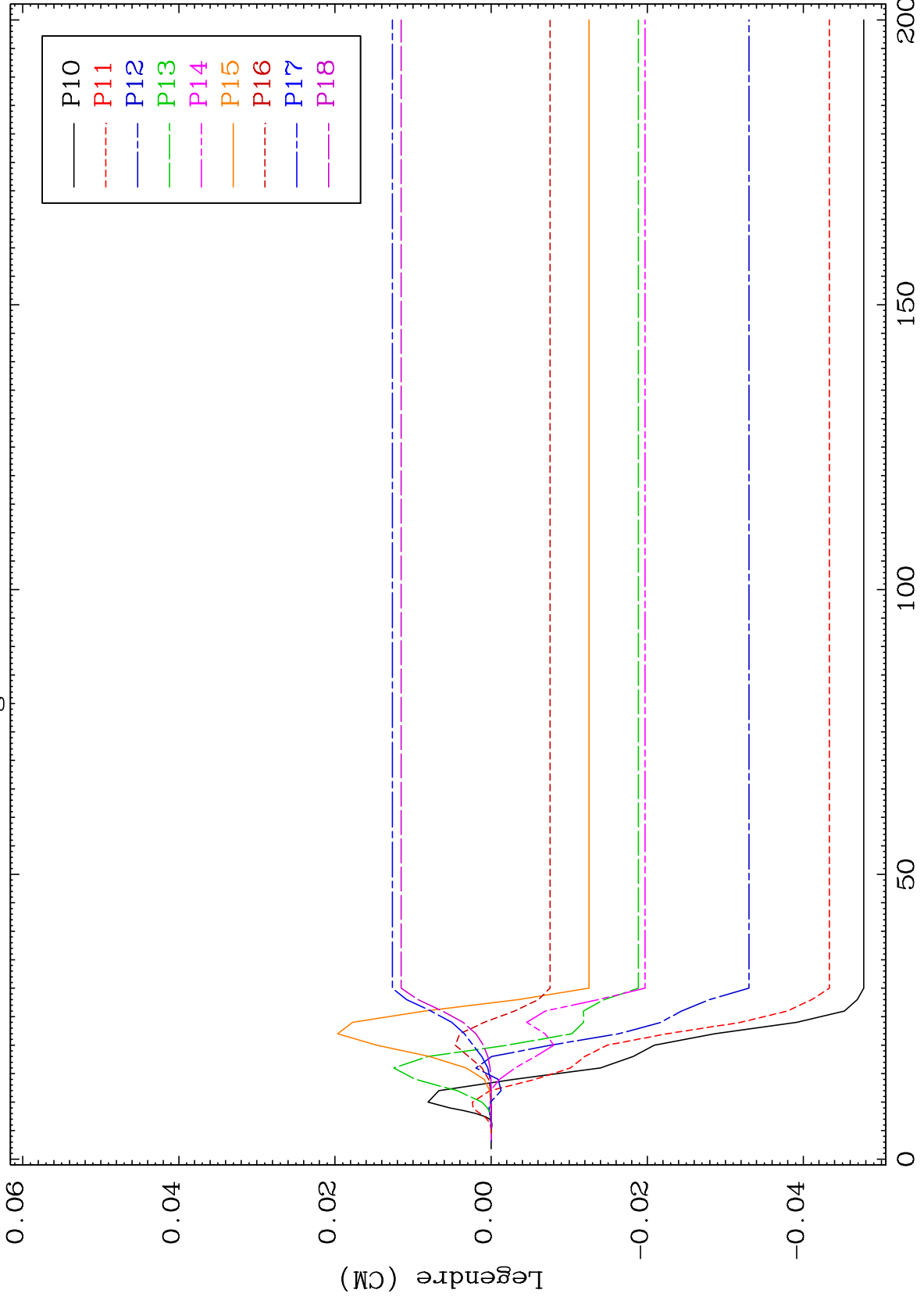
46 Incident Energy (MeV) 50-Sn-129

MAT 5076 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-129





MAT 5076 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-129



50-Sn-129

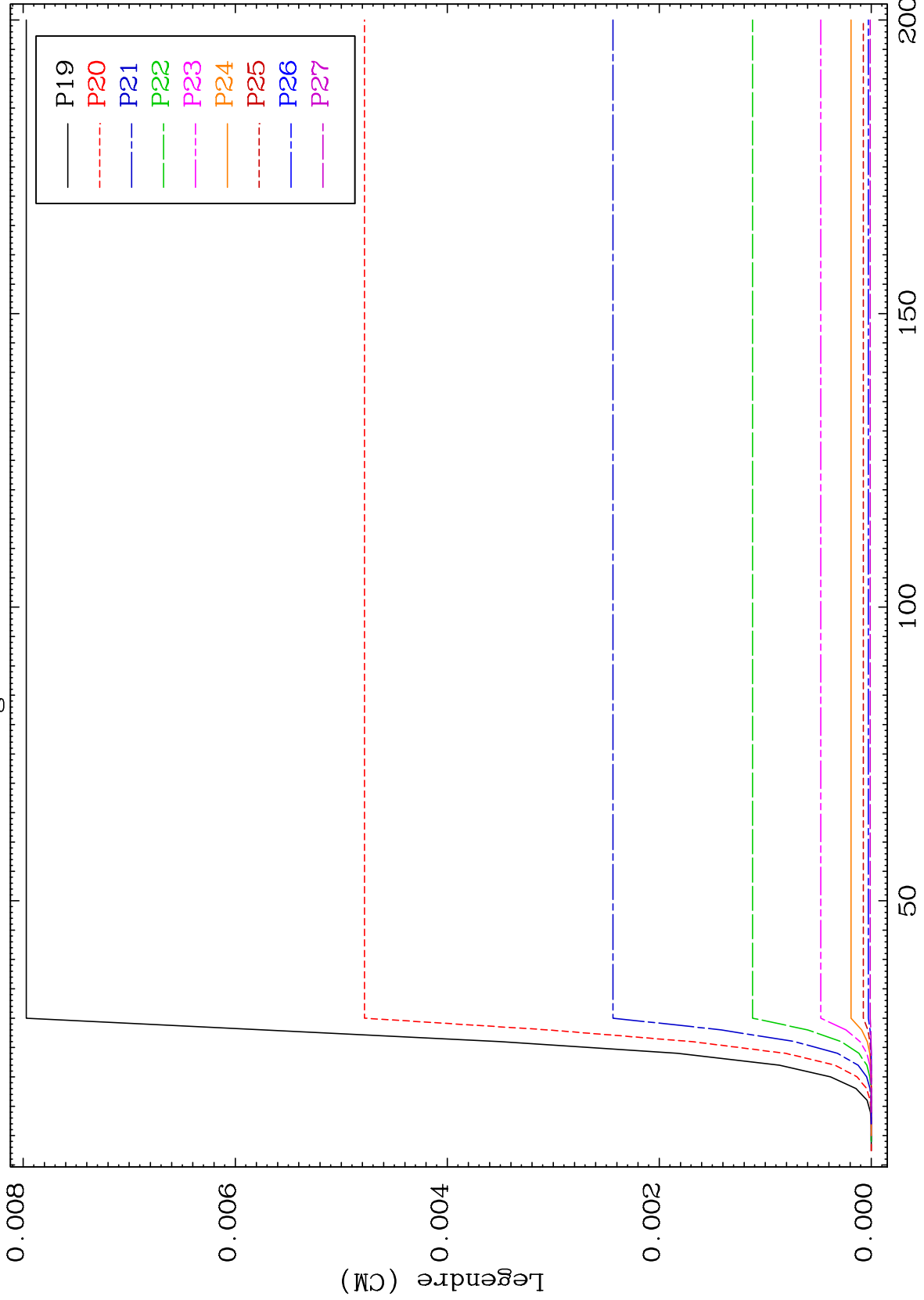
Incident Energy (MeV)

48

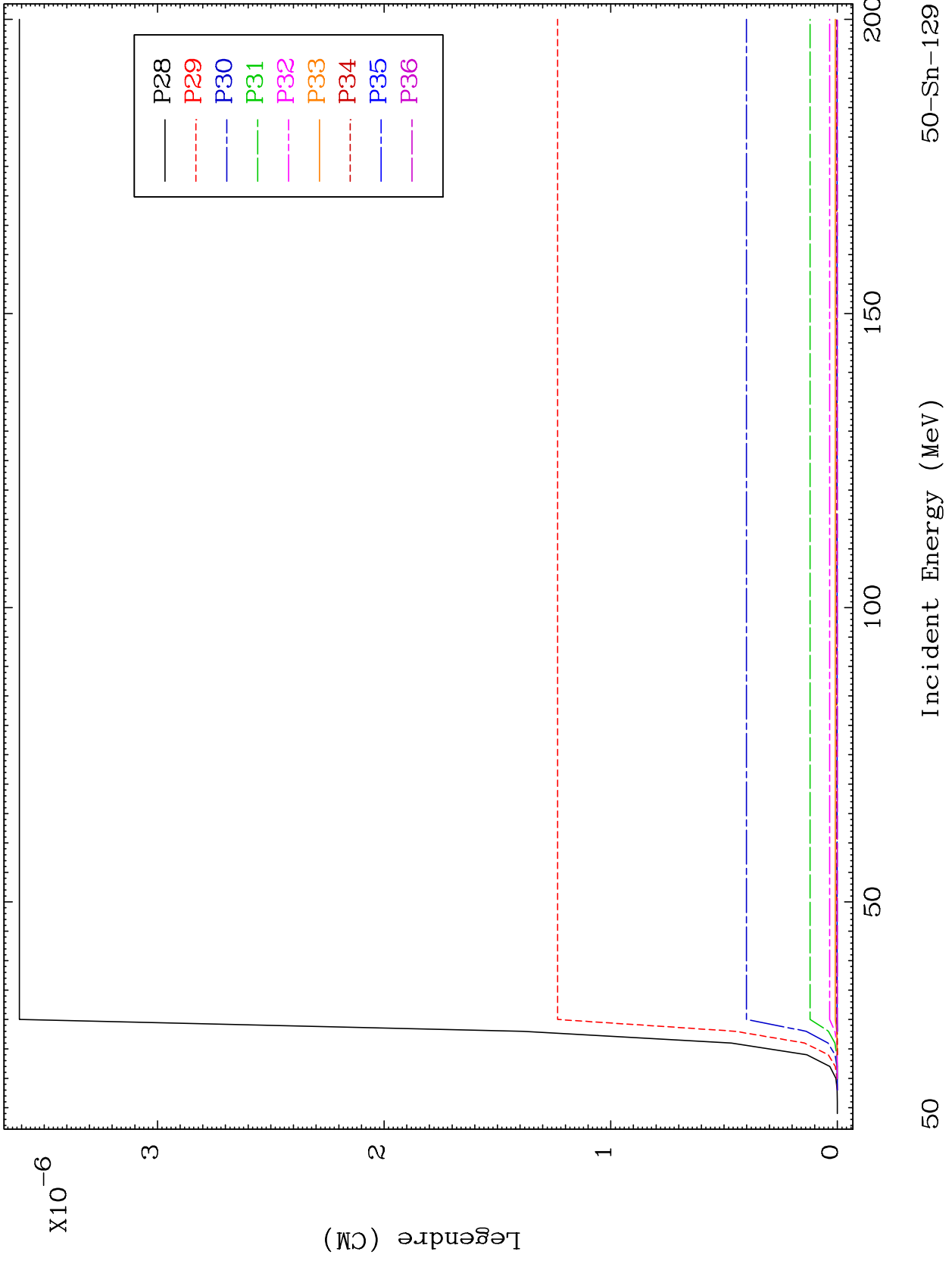
MAT 5076 MT= 58 (n,n') Level Legendre Coefficients

50-Sn-129

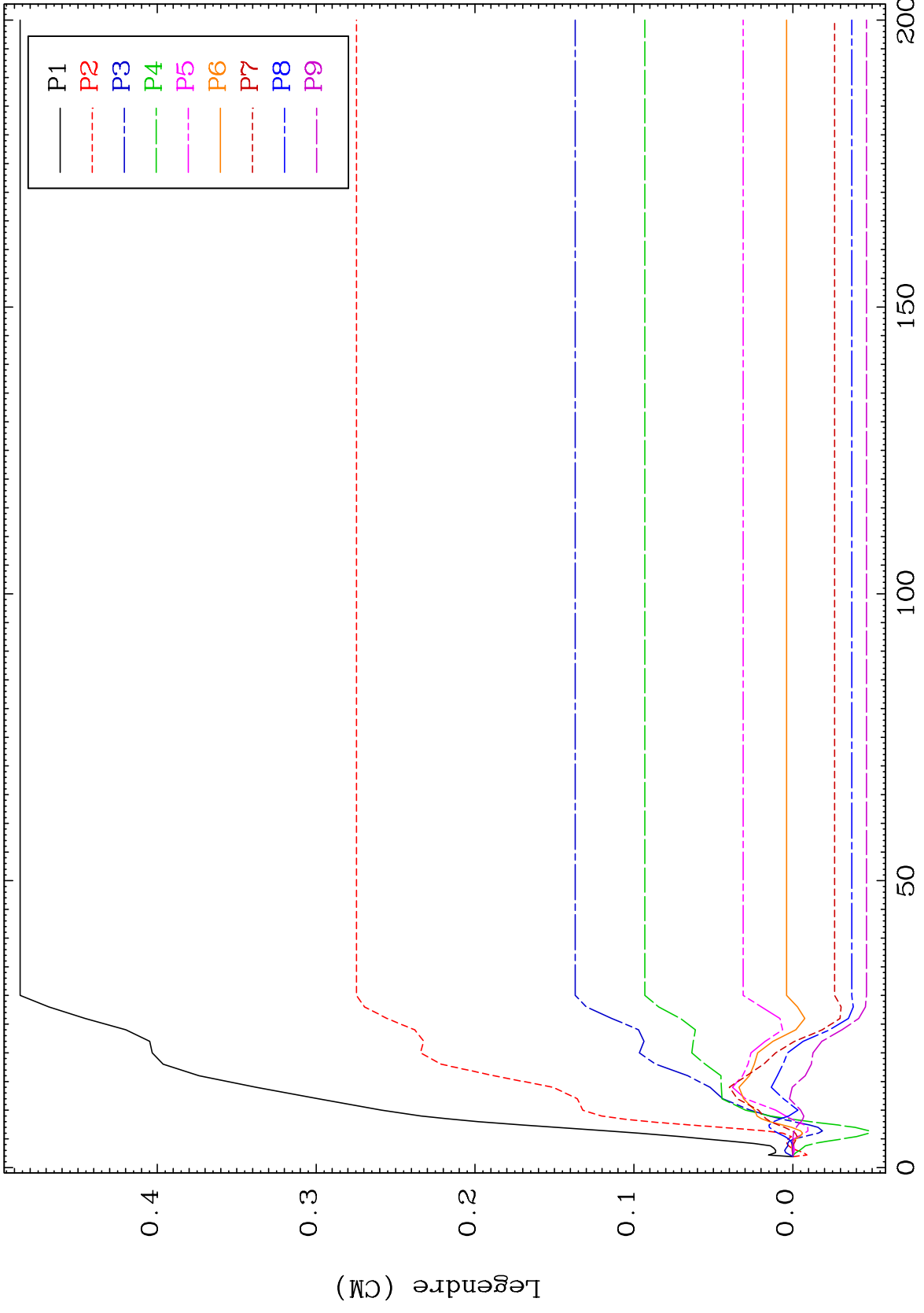
50-Sn-129



MAT 5076 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-129

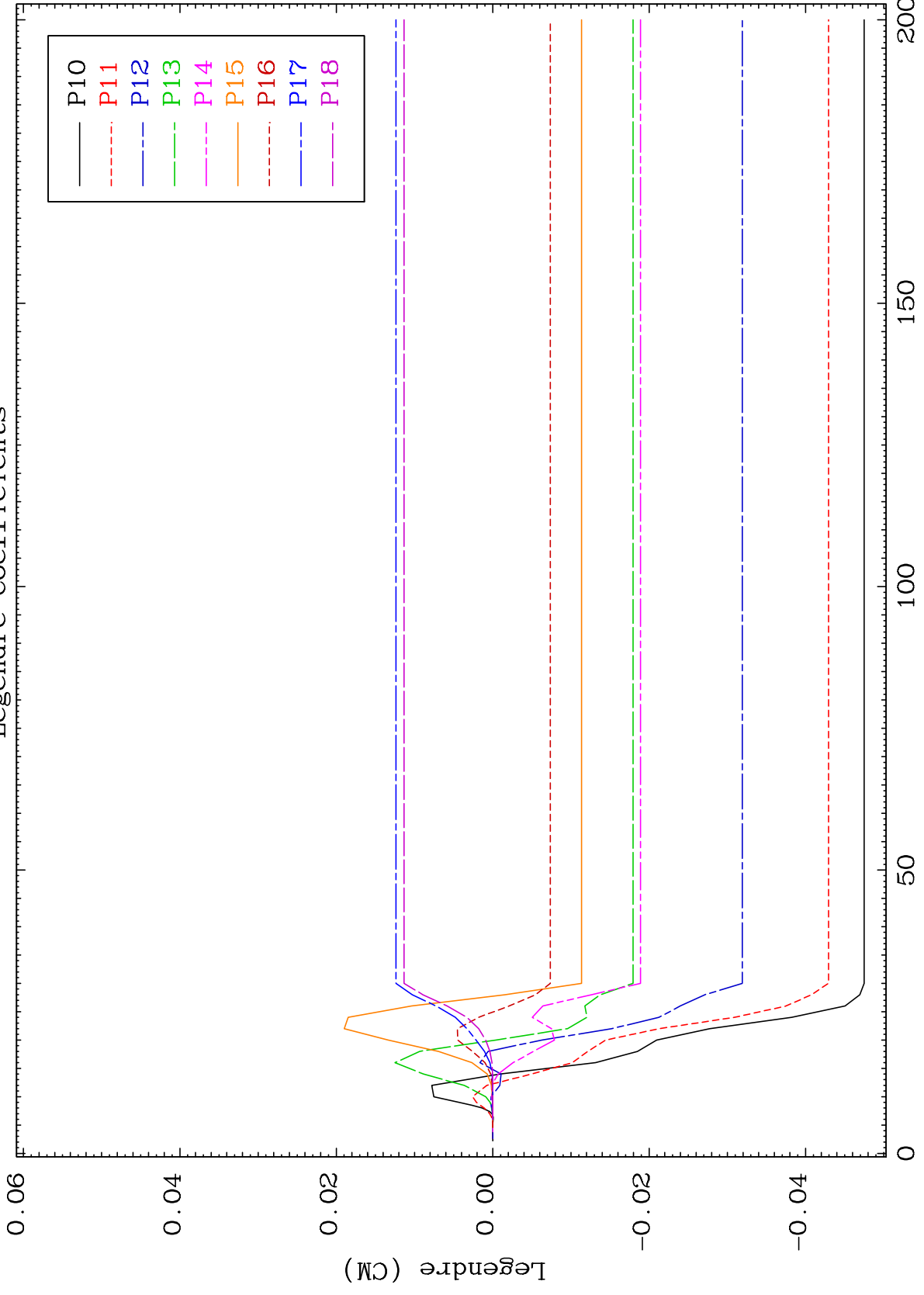


MAT 5076 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-129



51 Incident Energy (MeV) 50-Sn-129

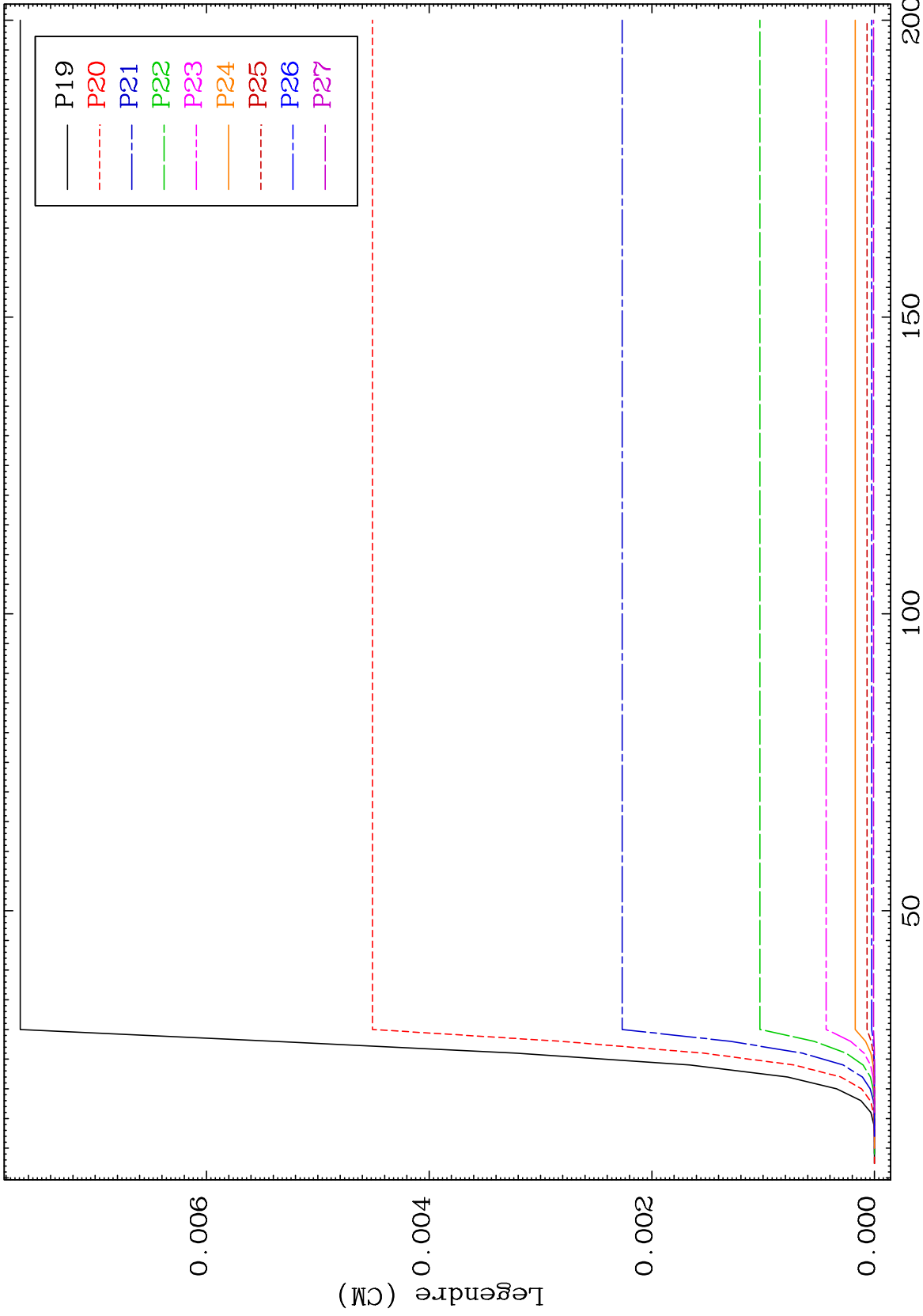
MAT 5076 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



53

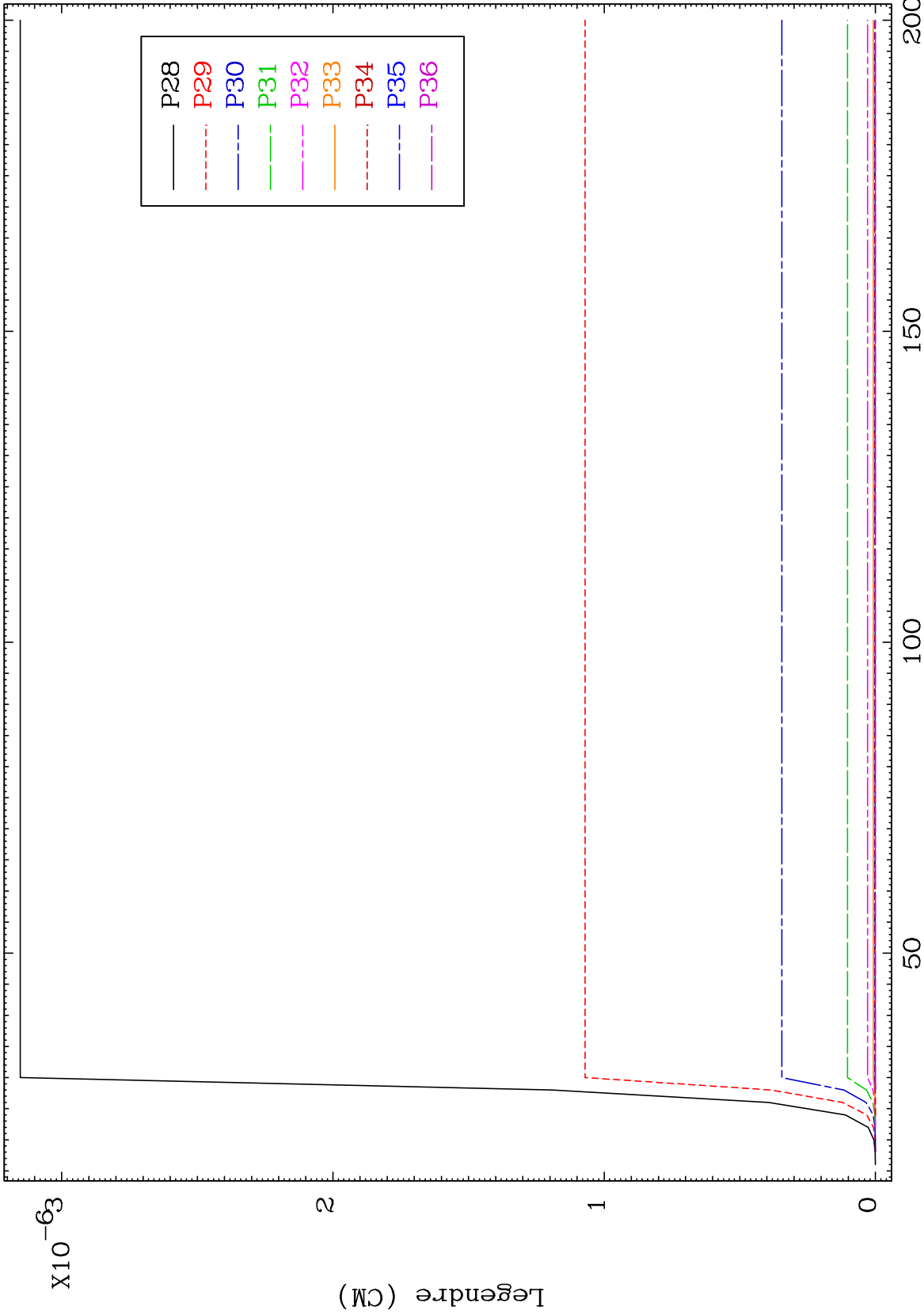
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

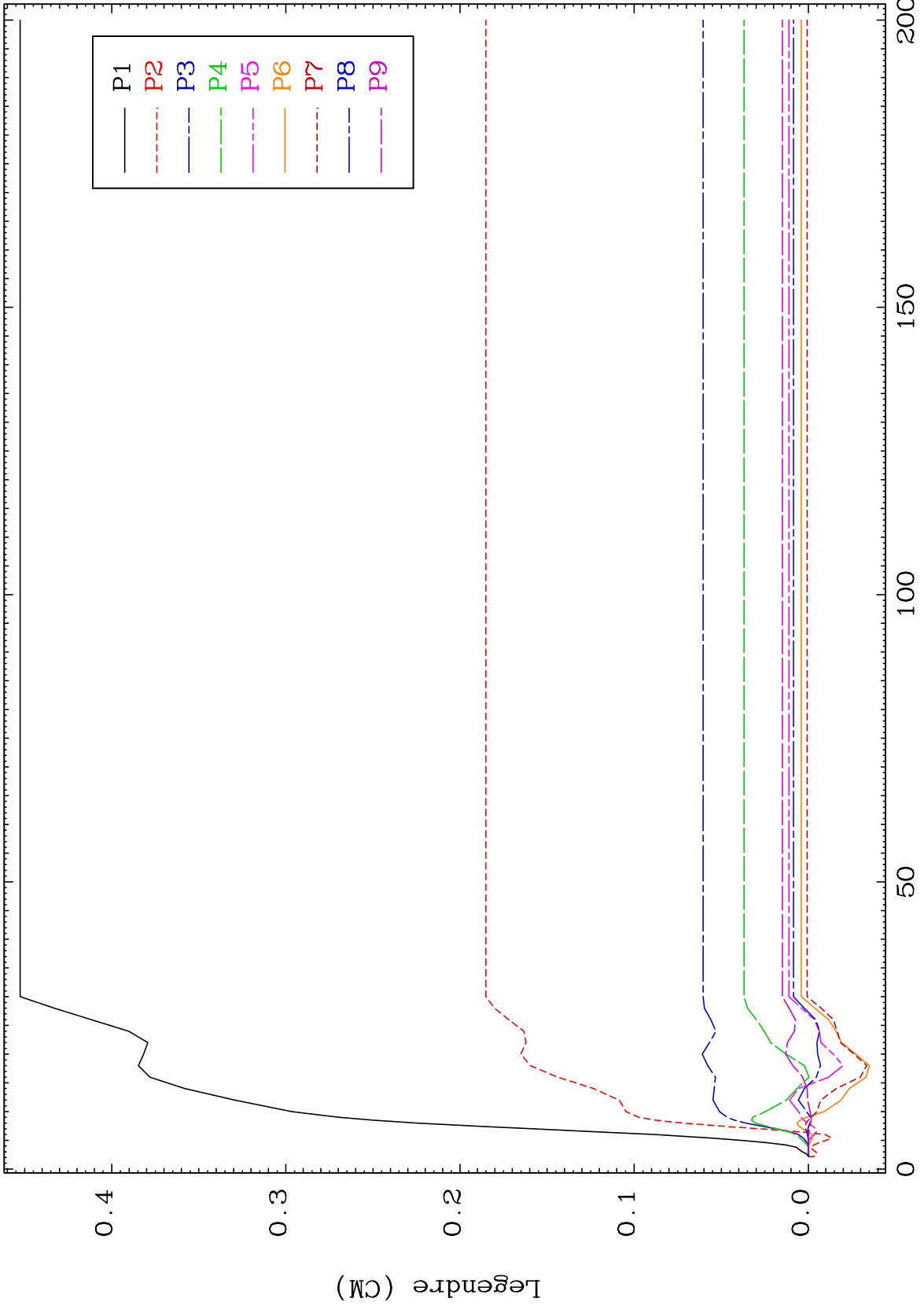


54

Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-129



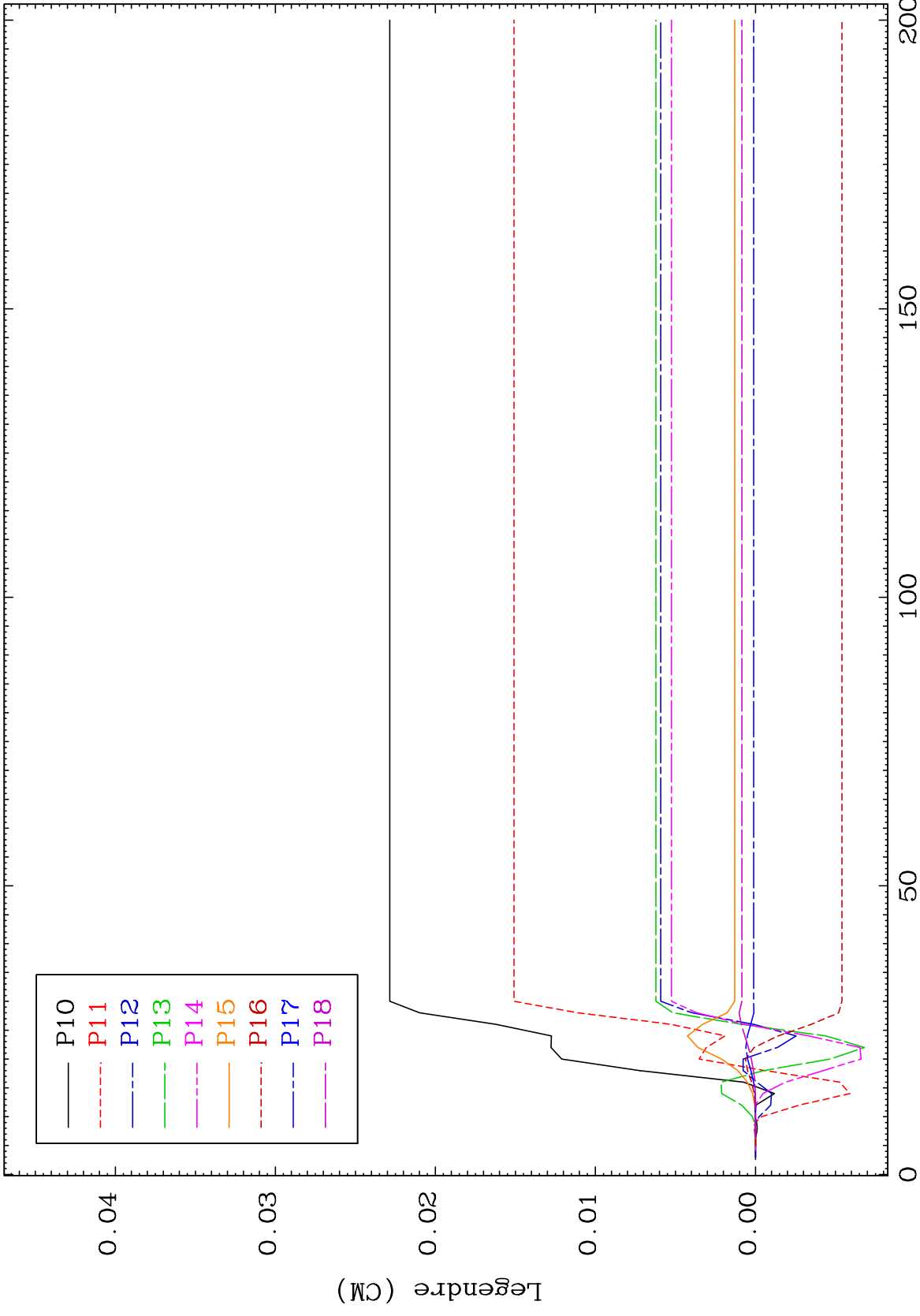
55 50-Sn-129



MAT 5076

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

50-Sn-129



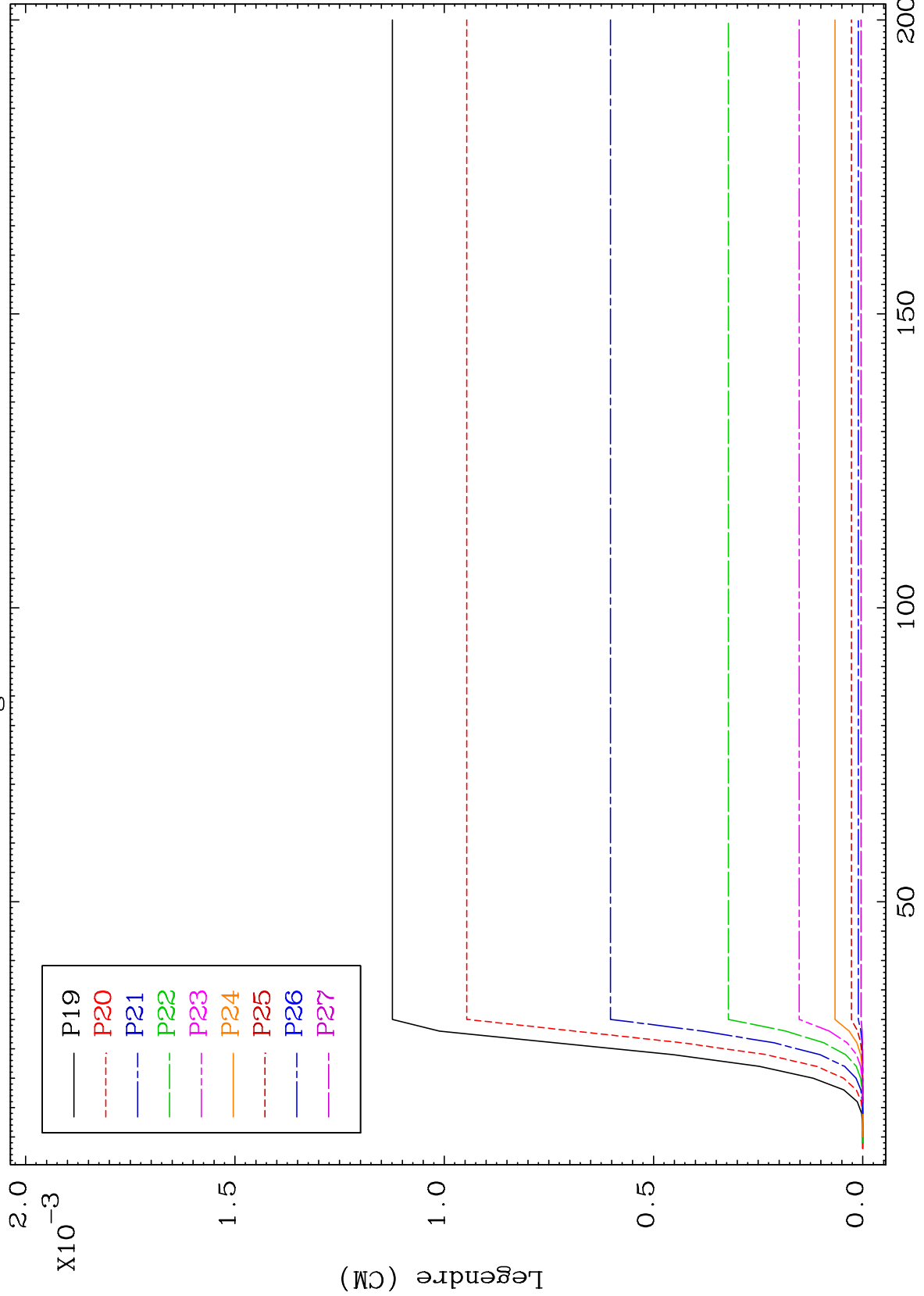
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Incident Energy (MeV)

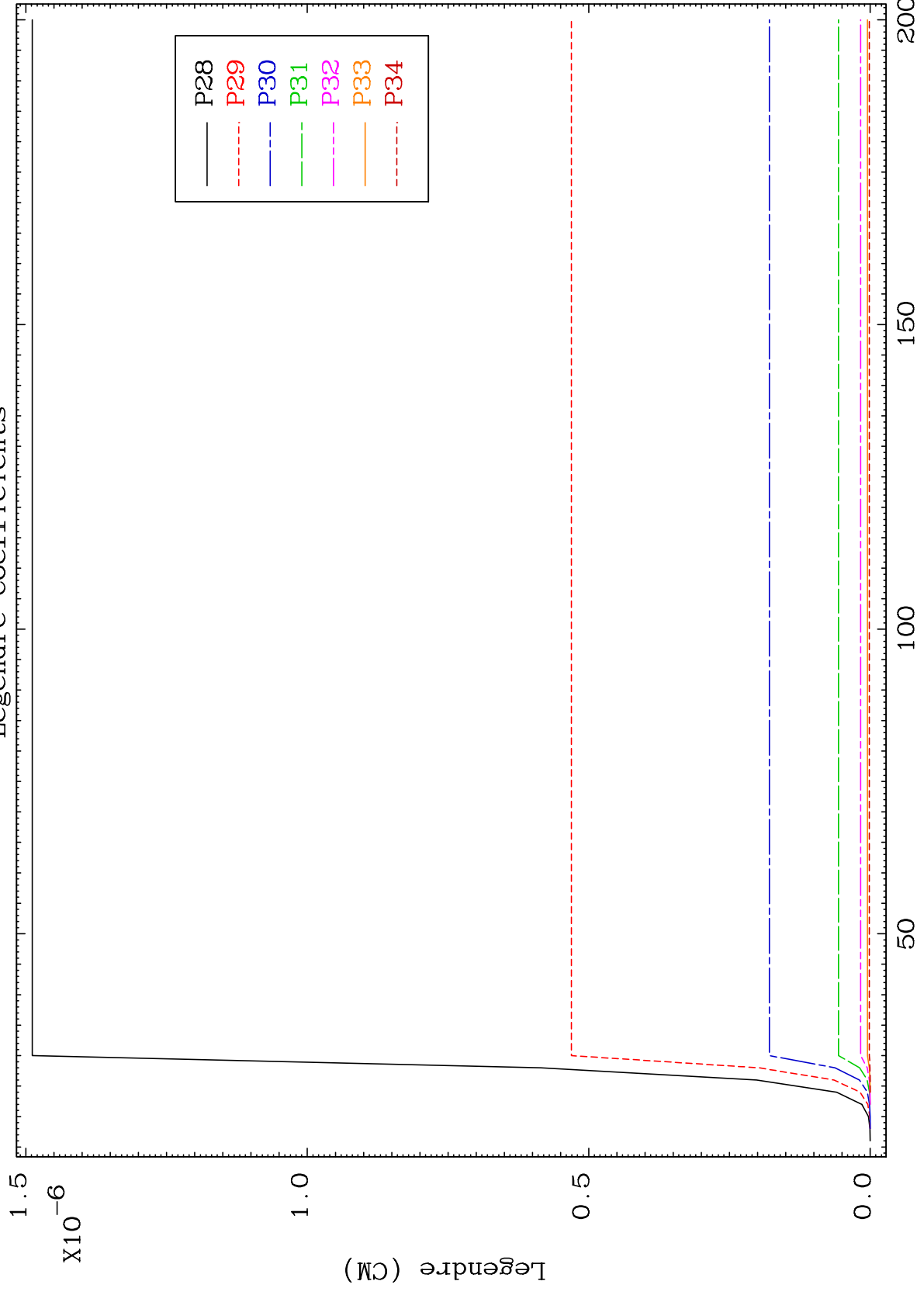
50-Sn-129

MAT 5076 MT= 60 (n,n') Level Legendre Coefficients

50-Sn-129

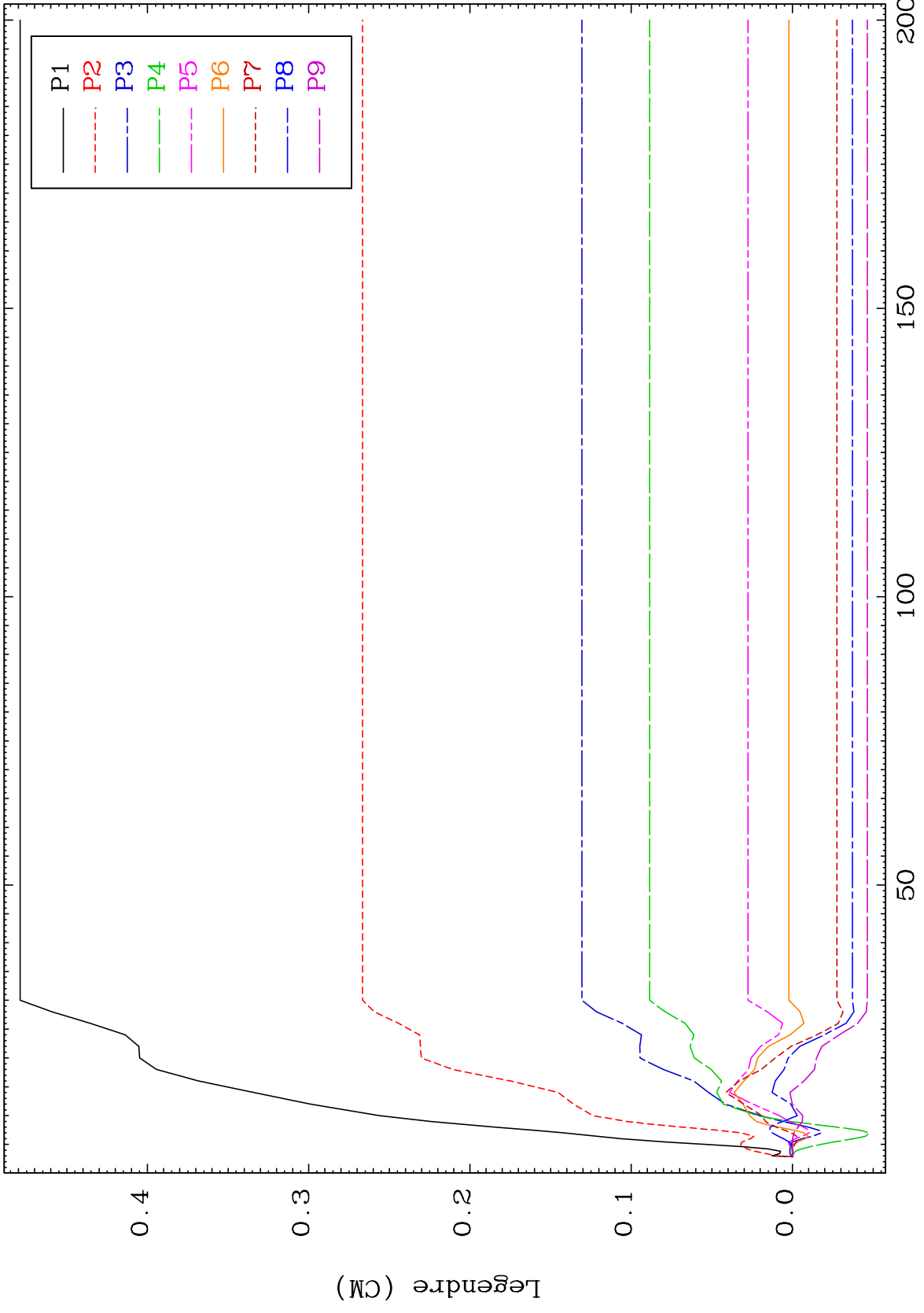


MAT 5076 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-129



58 50-Sn-129

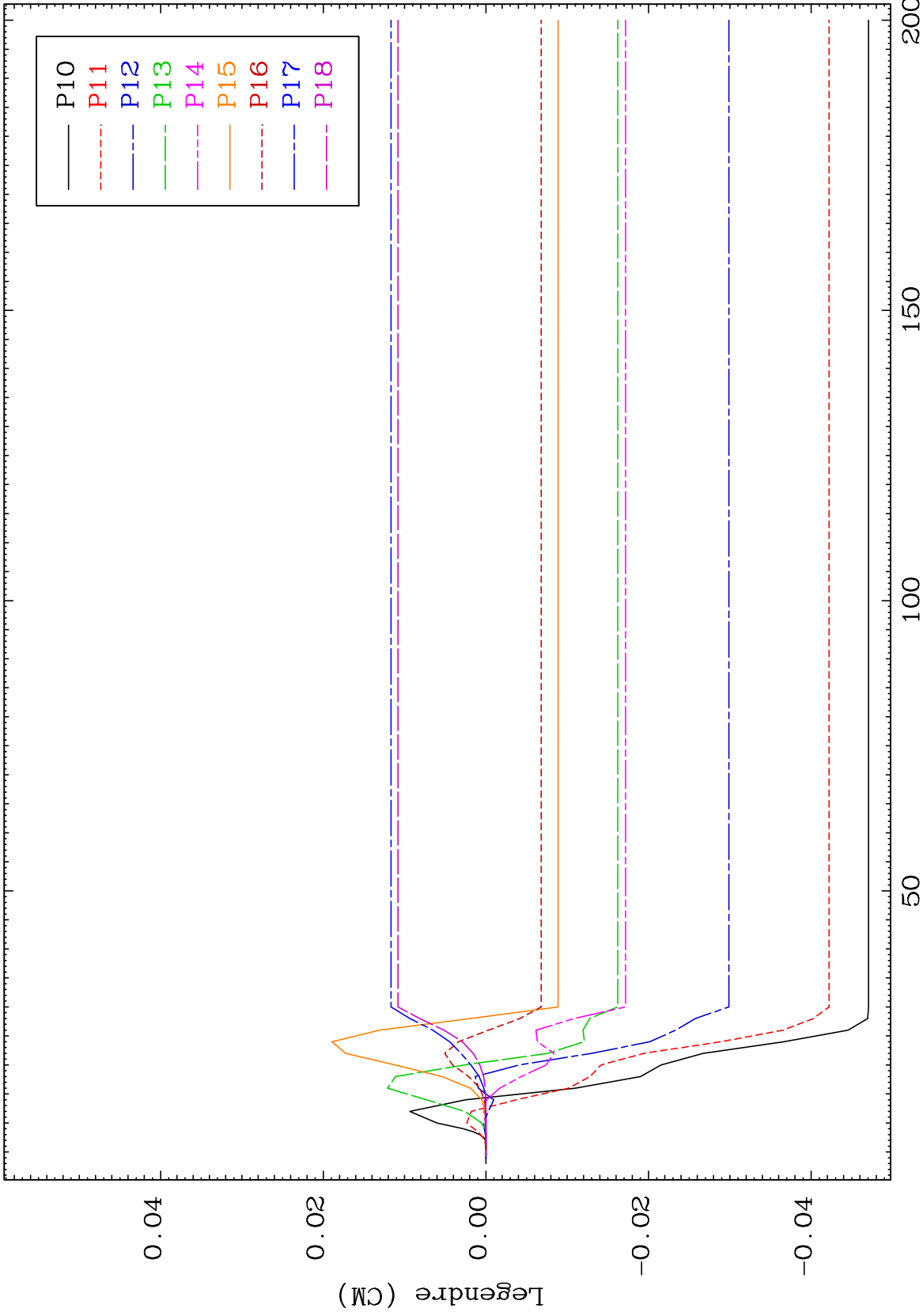
MAT 5076 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129

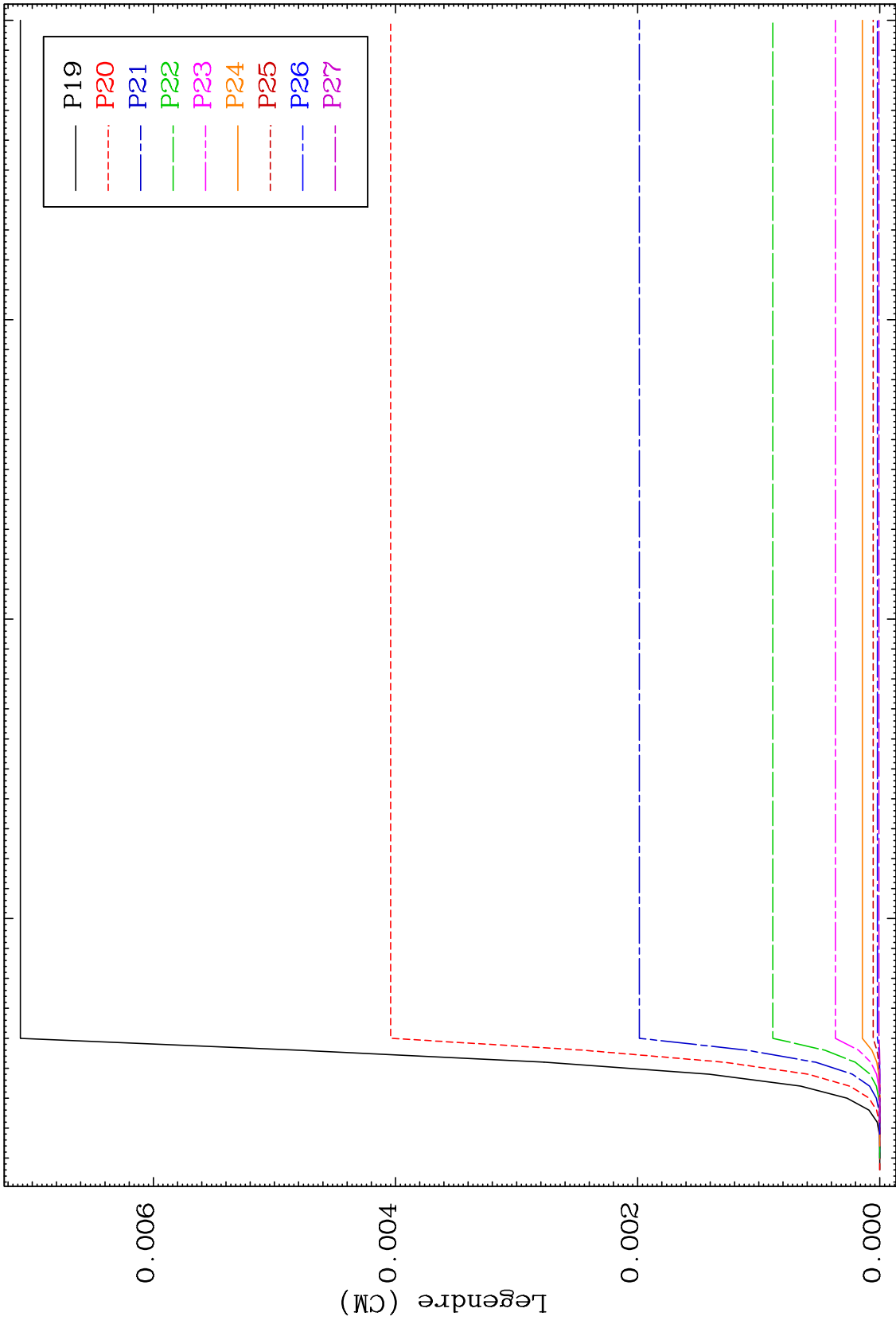


60

Incident Energy (MeV)

50-Sn-129

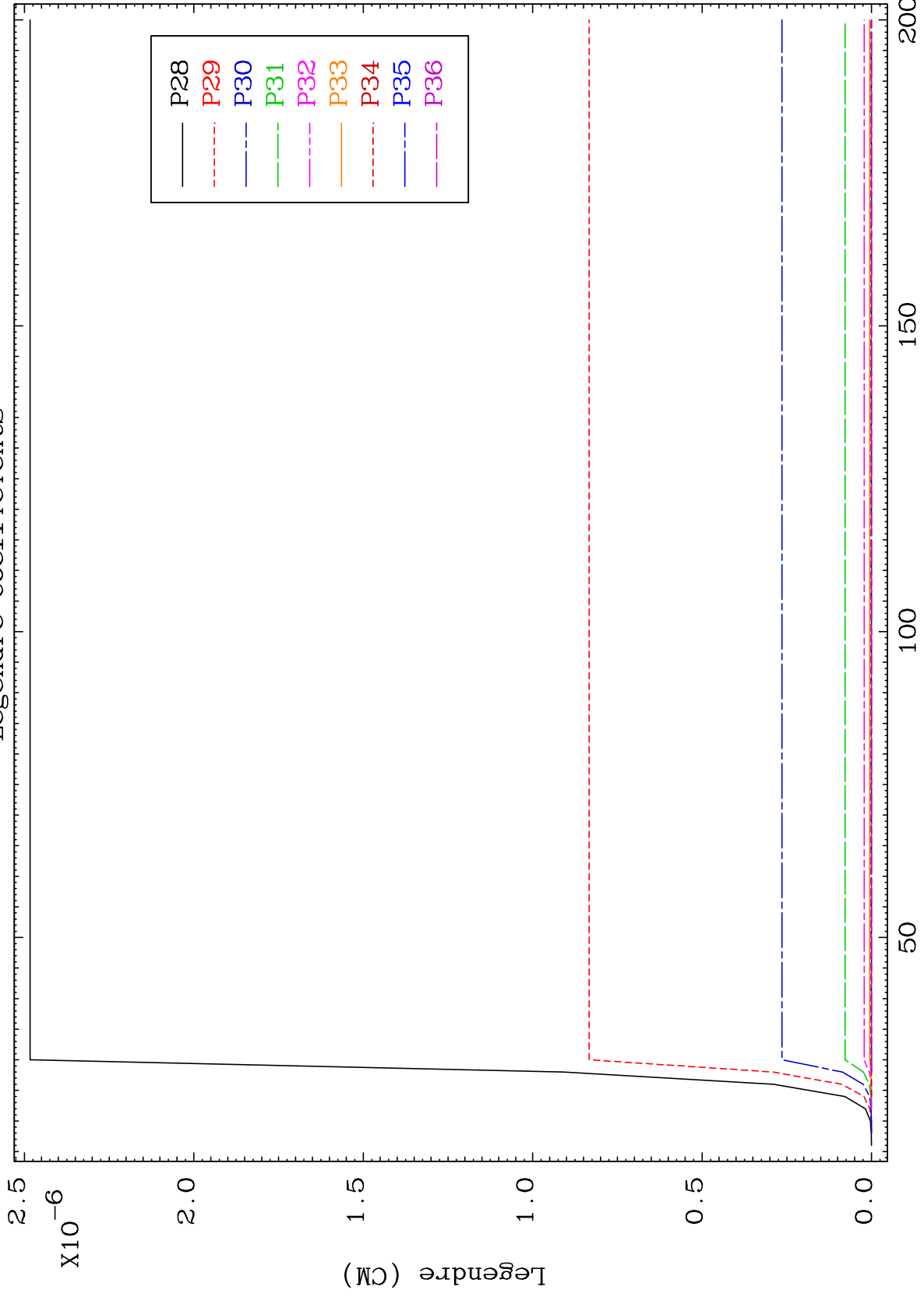
MAT 5076 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



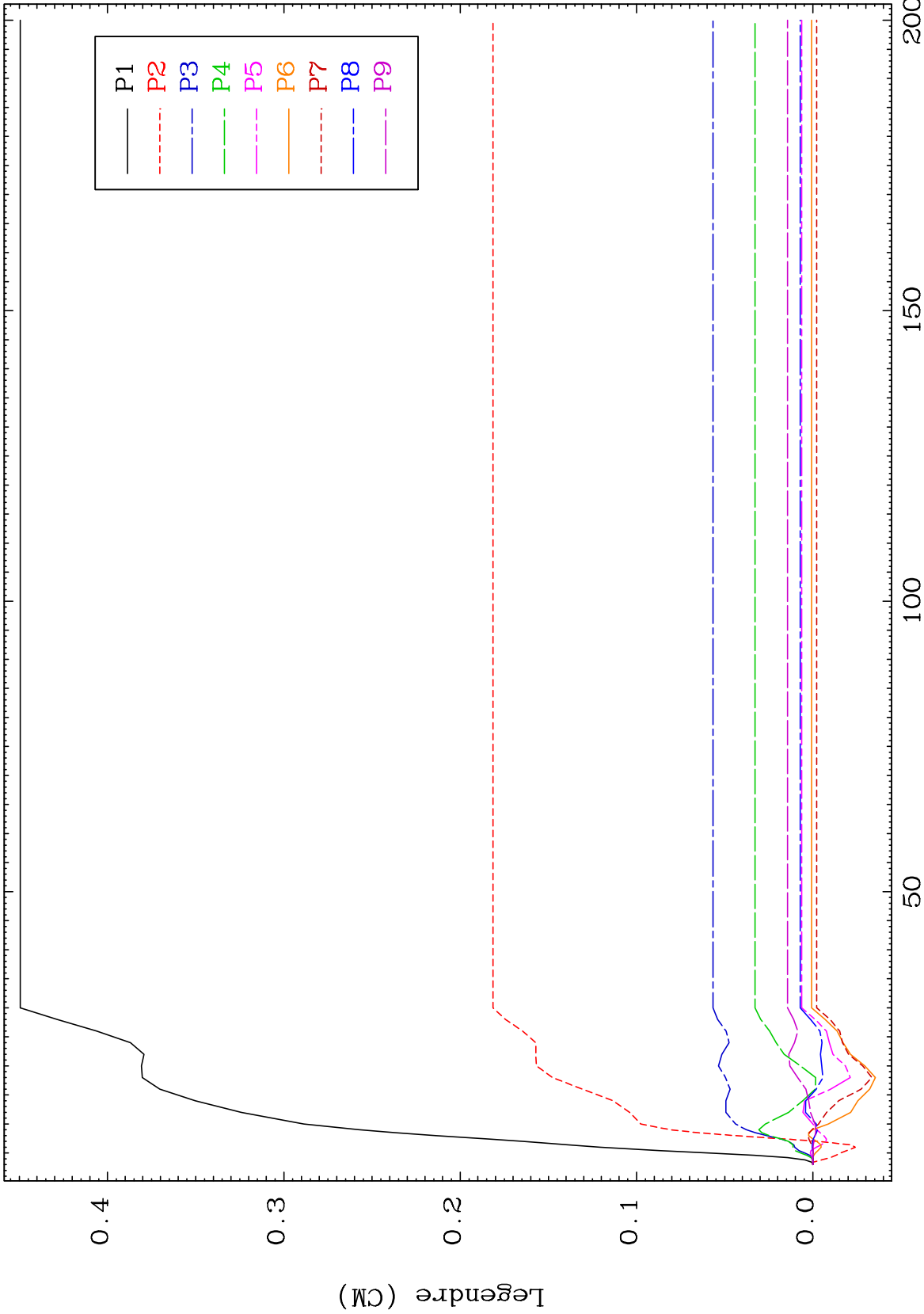
62

50-Sn-129

MAT 5076

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

50-Sn-129



63

Incident Energy (MeV)

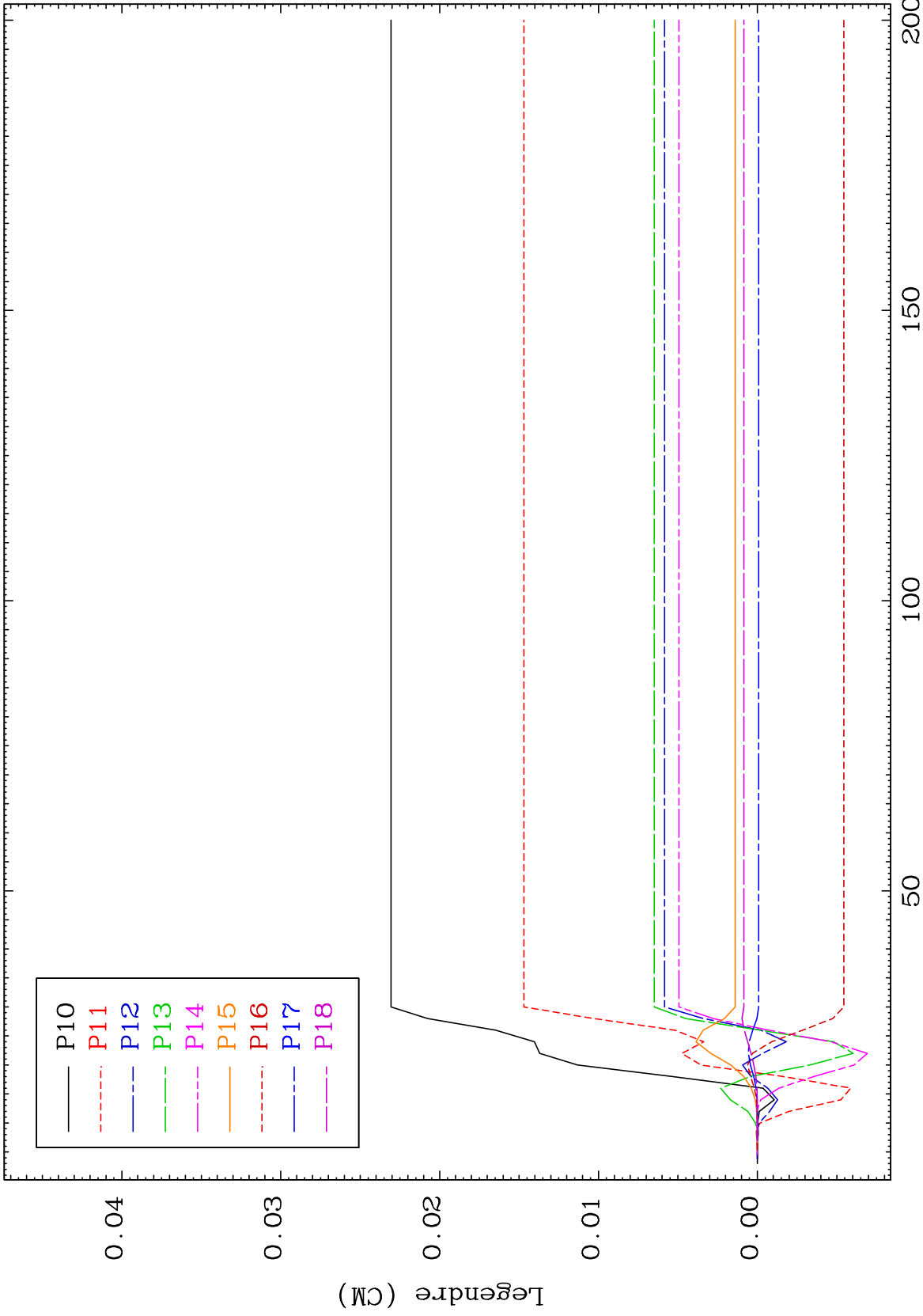
50-Sn-129



MAT 5076

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

50-Sn-129



64

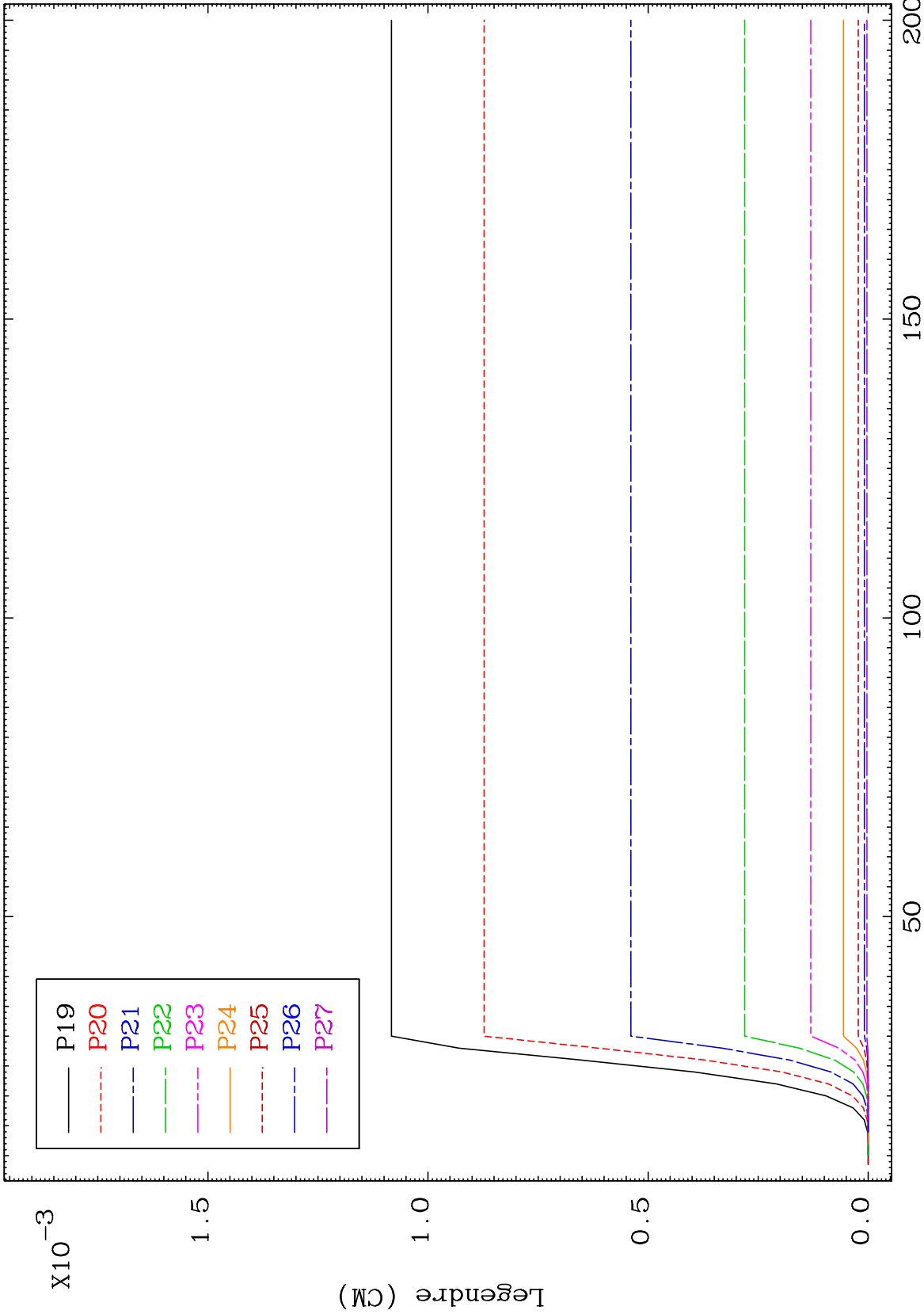
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



65

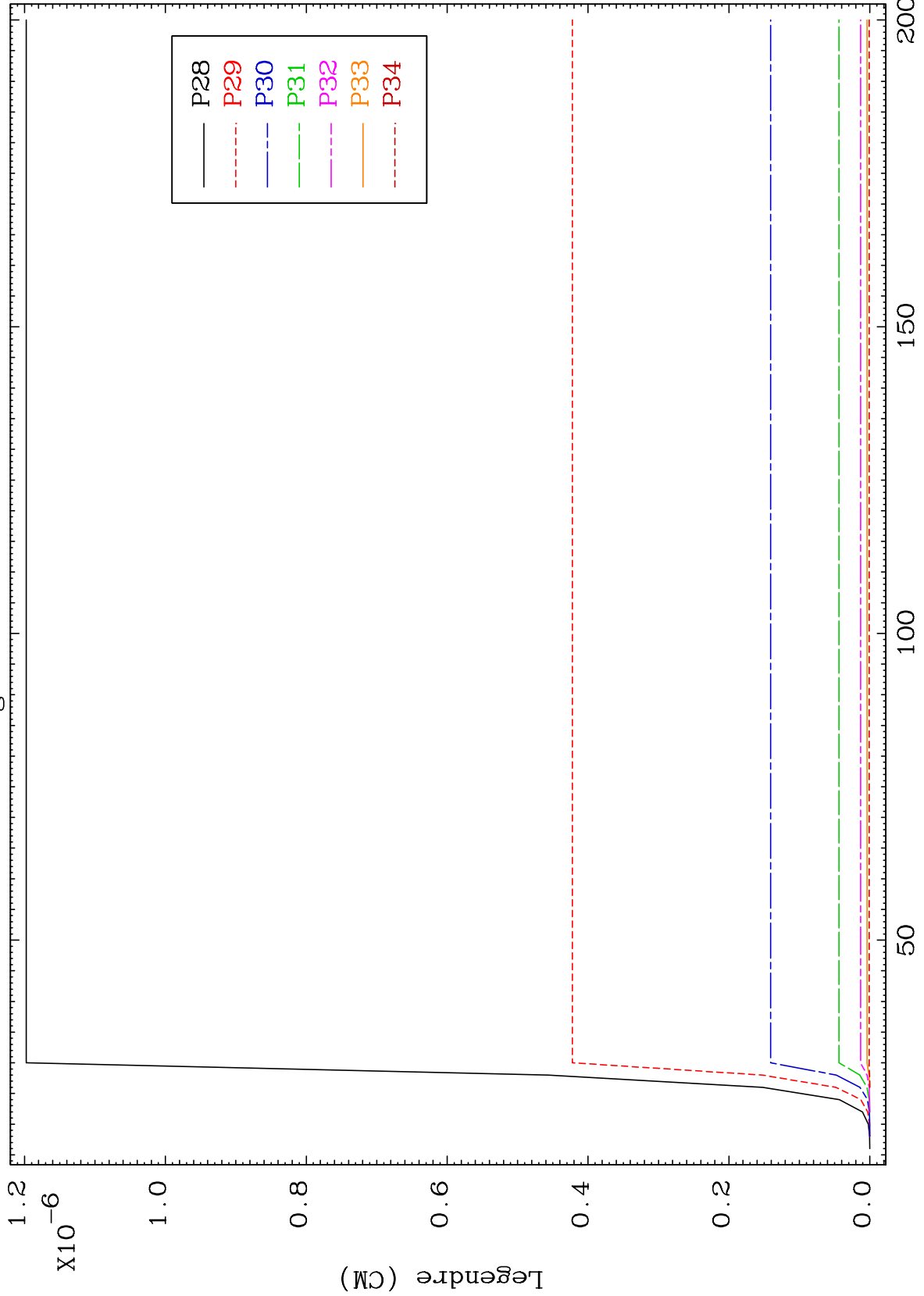
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



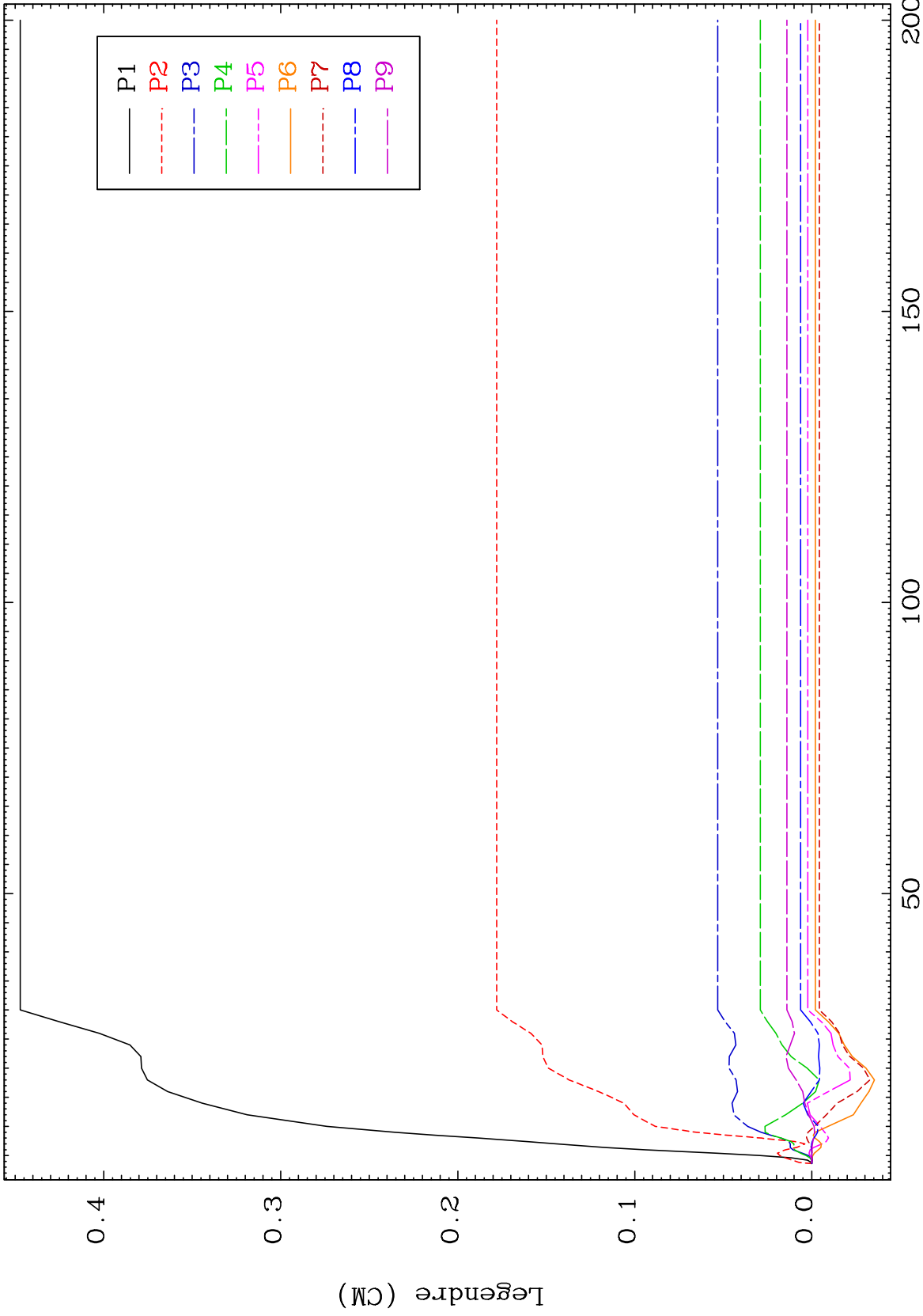
66

50-Sn-129

MAT 5076

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

50-Sn-129



67

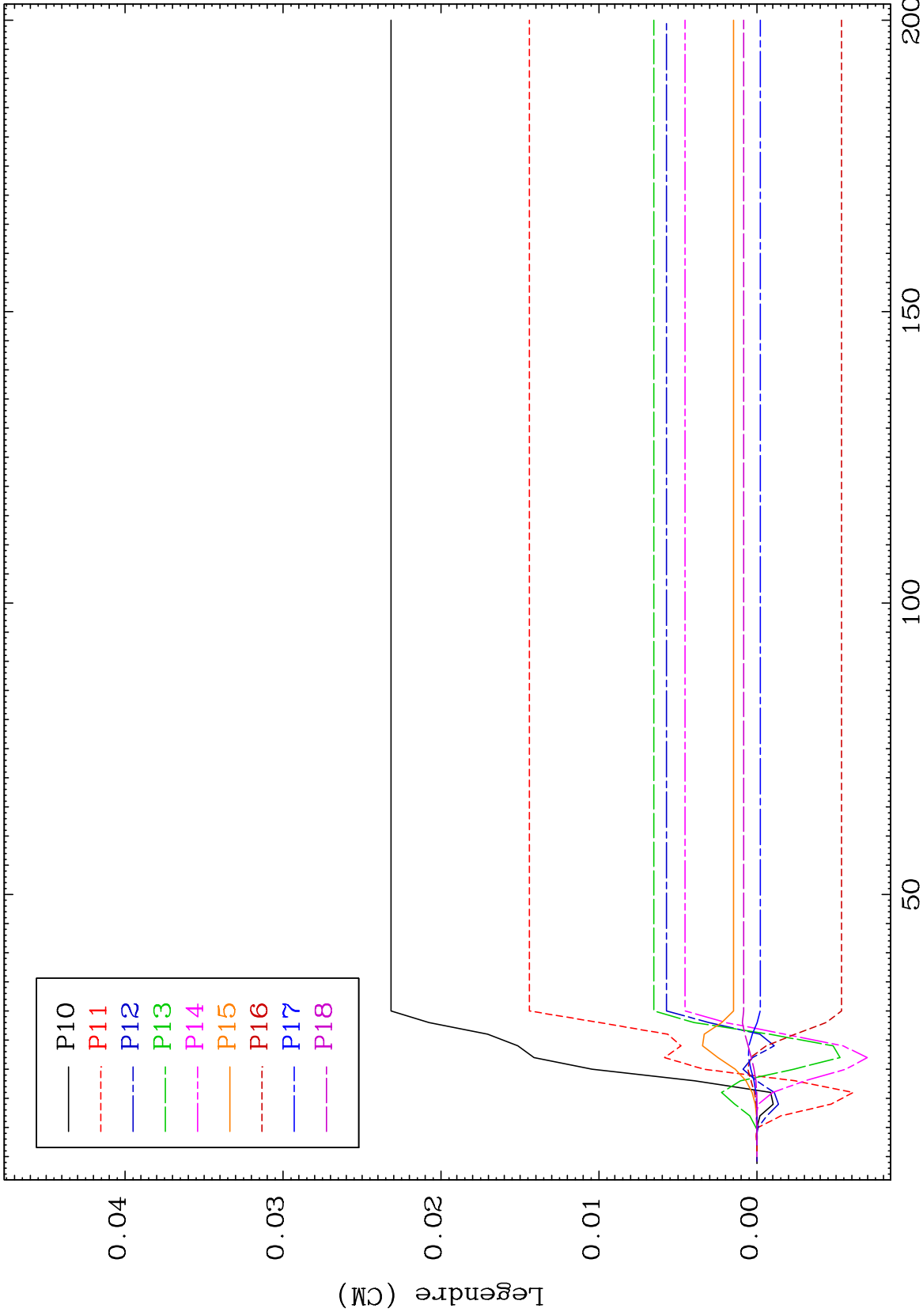
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



68

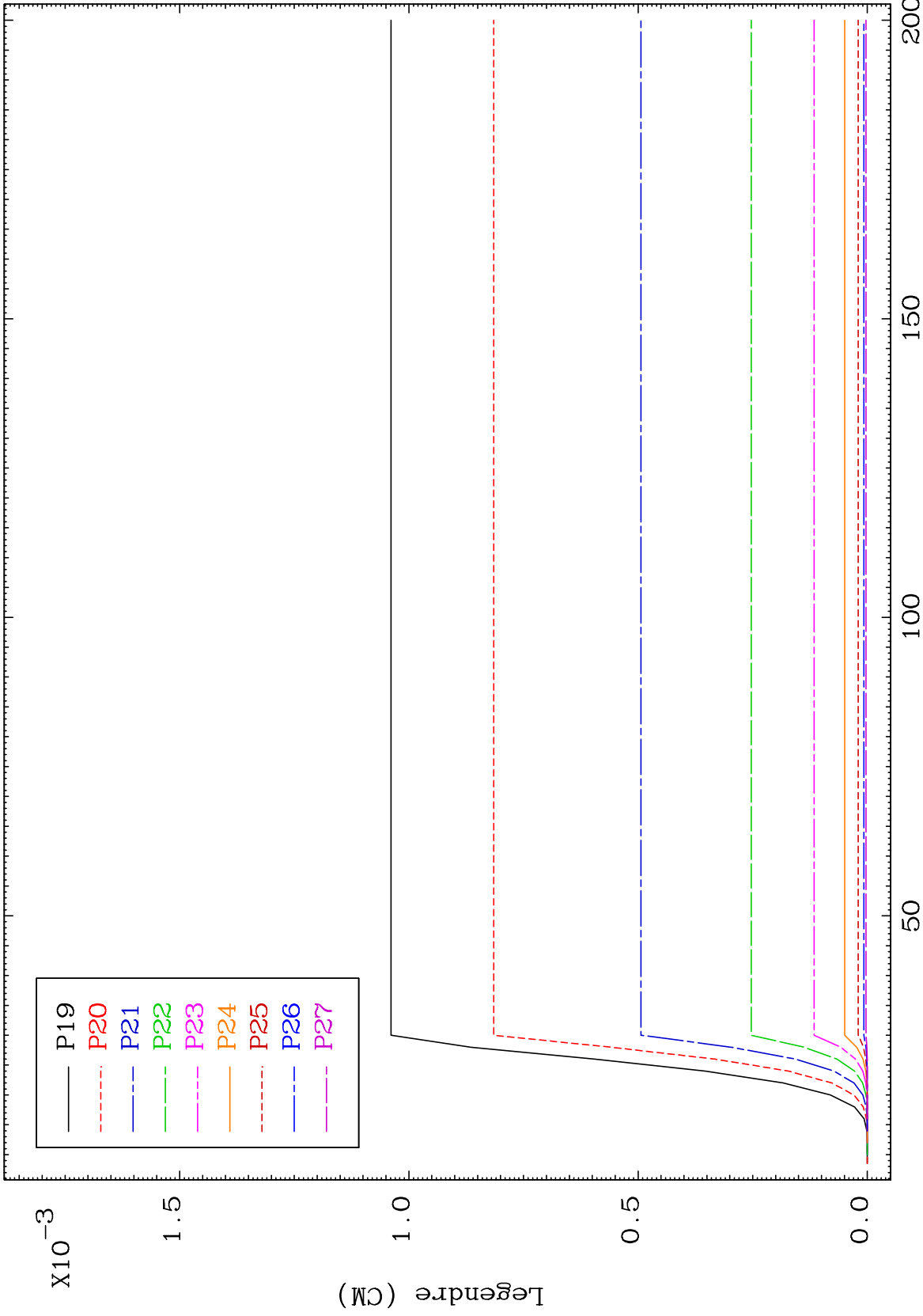
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



69

Incident Energy (MeV)

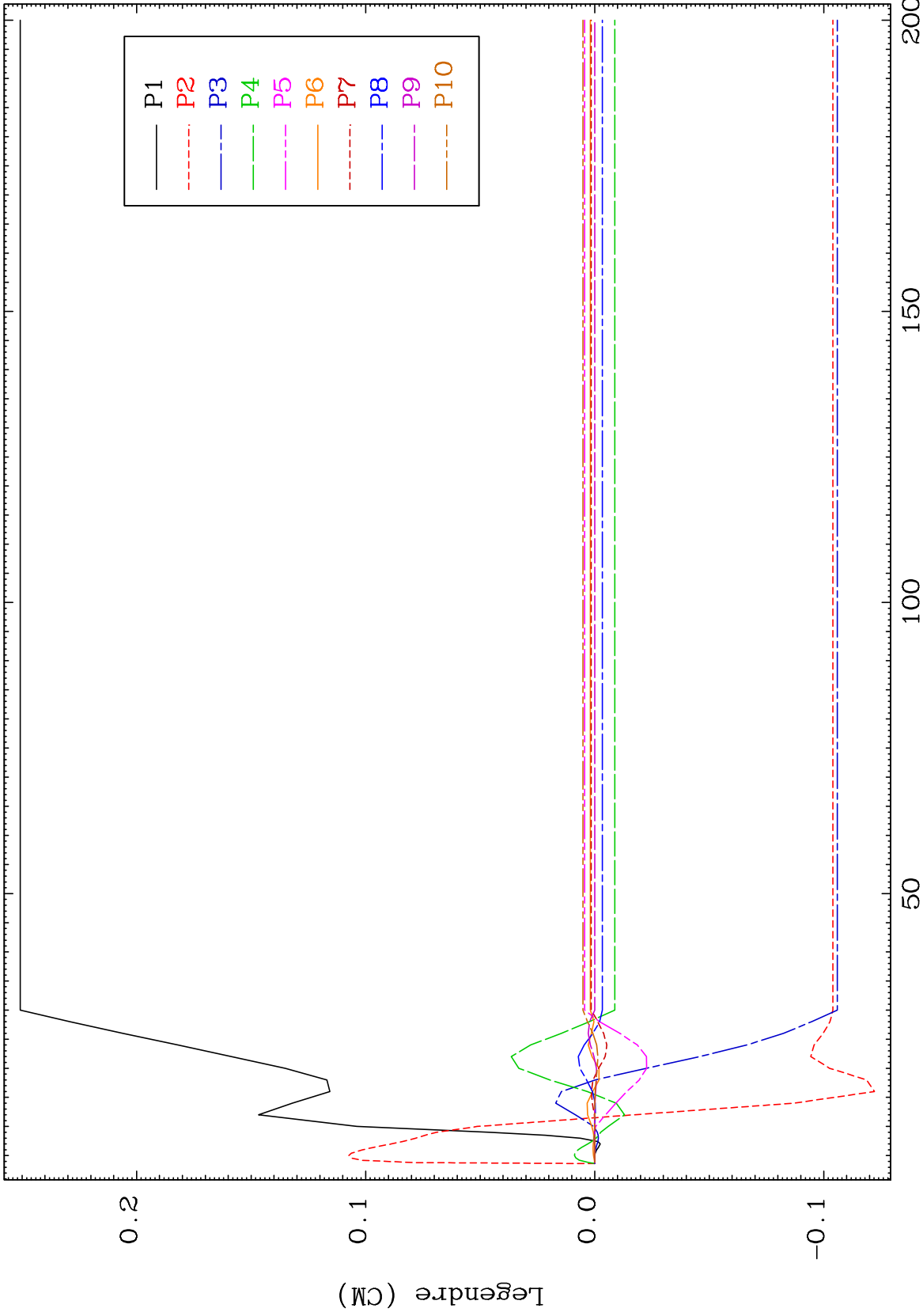
50-Sn-129



MAT 5076

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

50-Sn-129



71

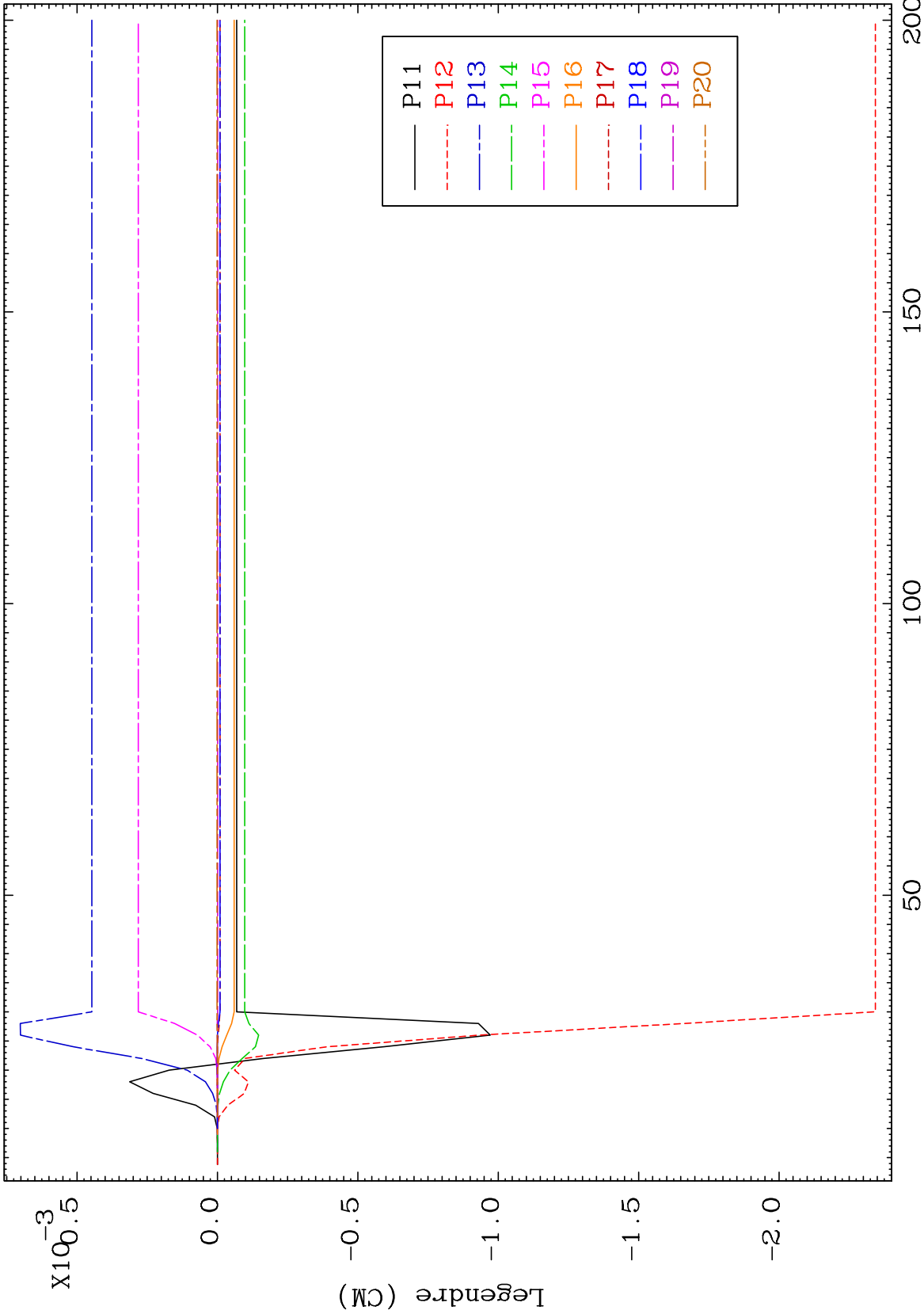
50-Sn-129



MAT 5076

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

50-Sn-129



72

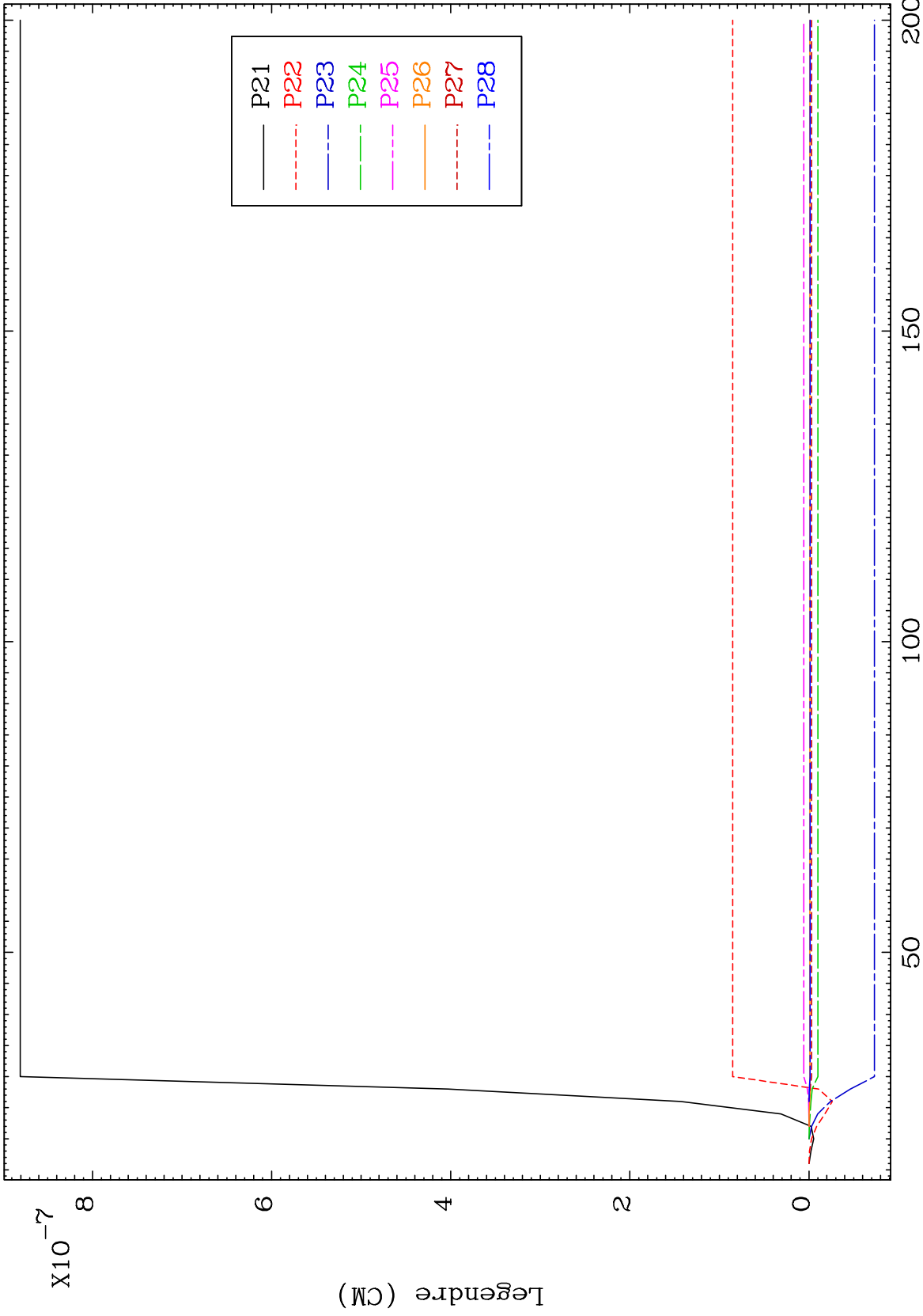
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



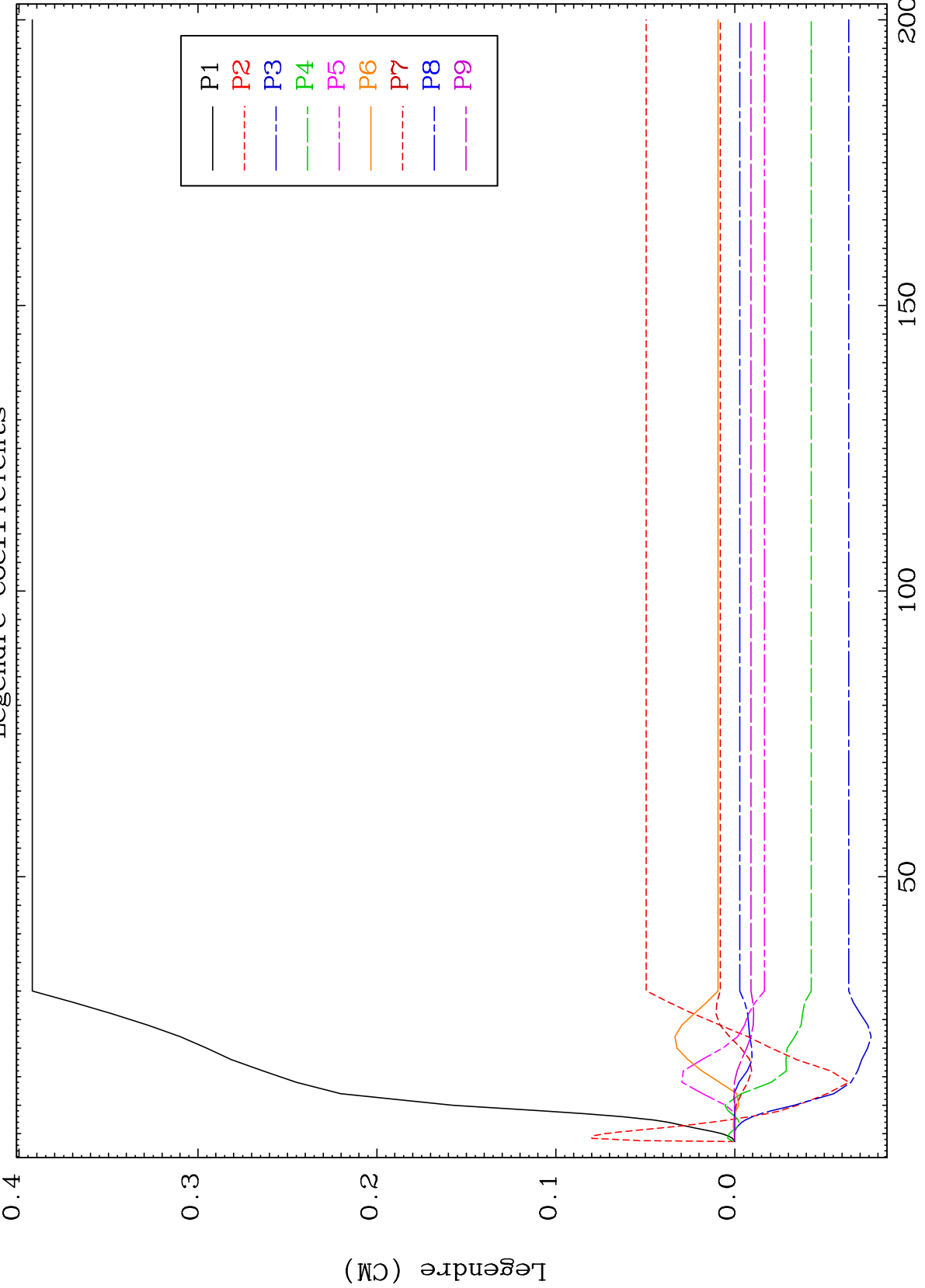
73

Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 65 (n,n') Level Legendre Coefficients

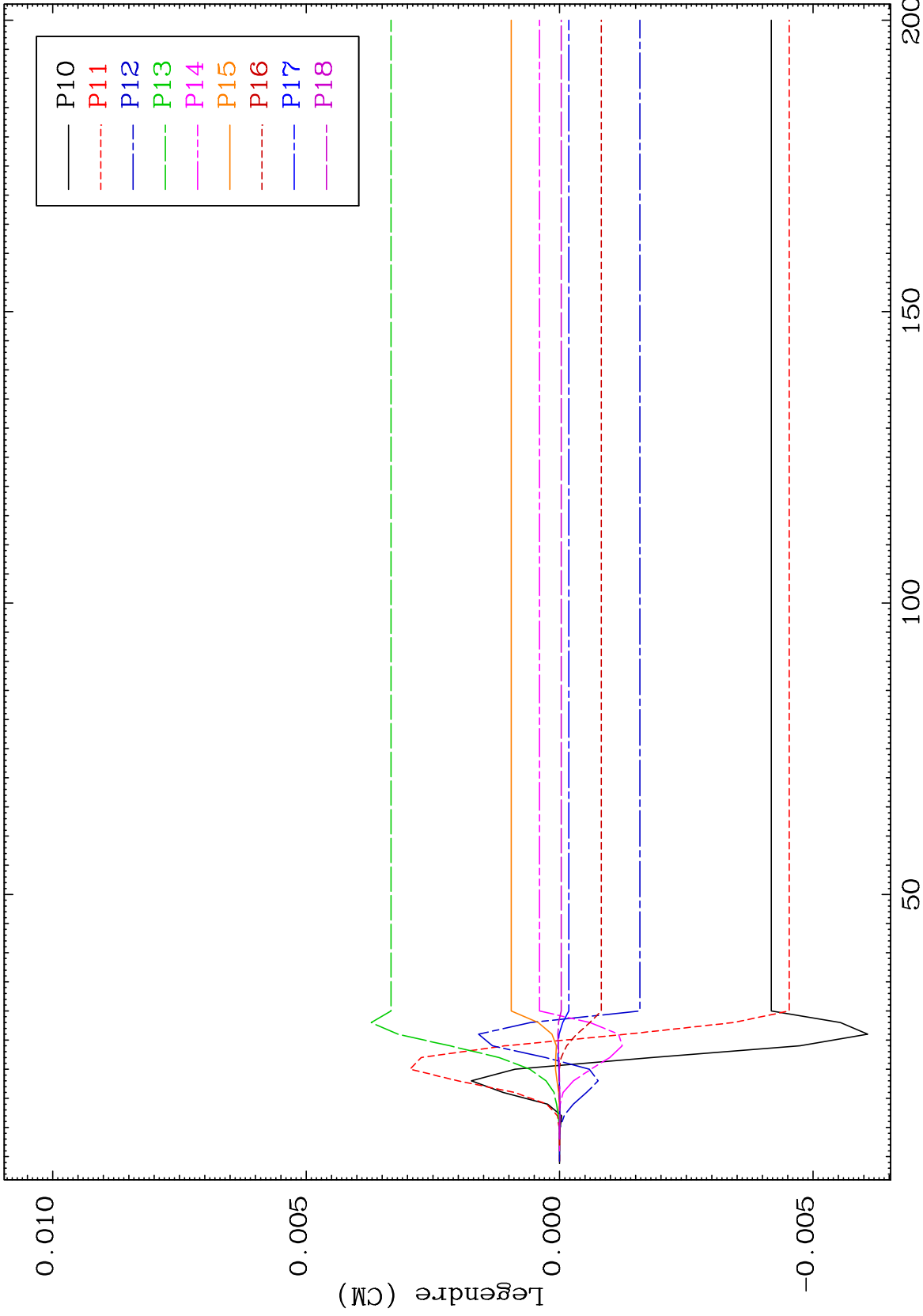
50-Sn-129



MAT 5076

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

50-Sn-129



75

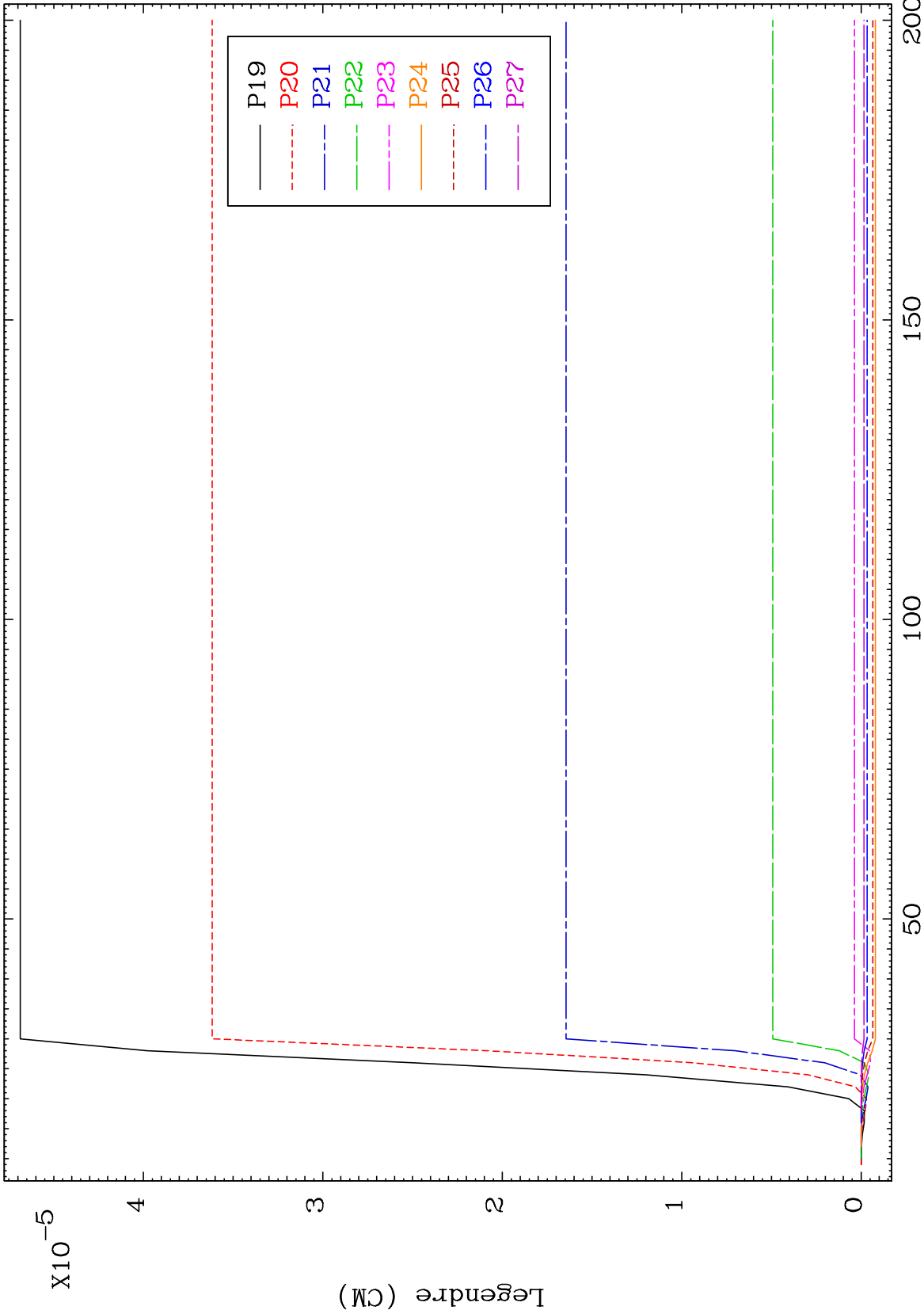
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

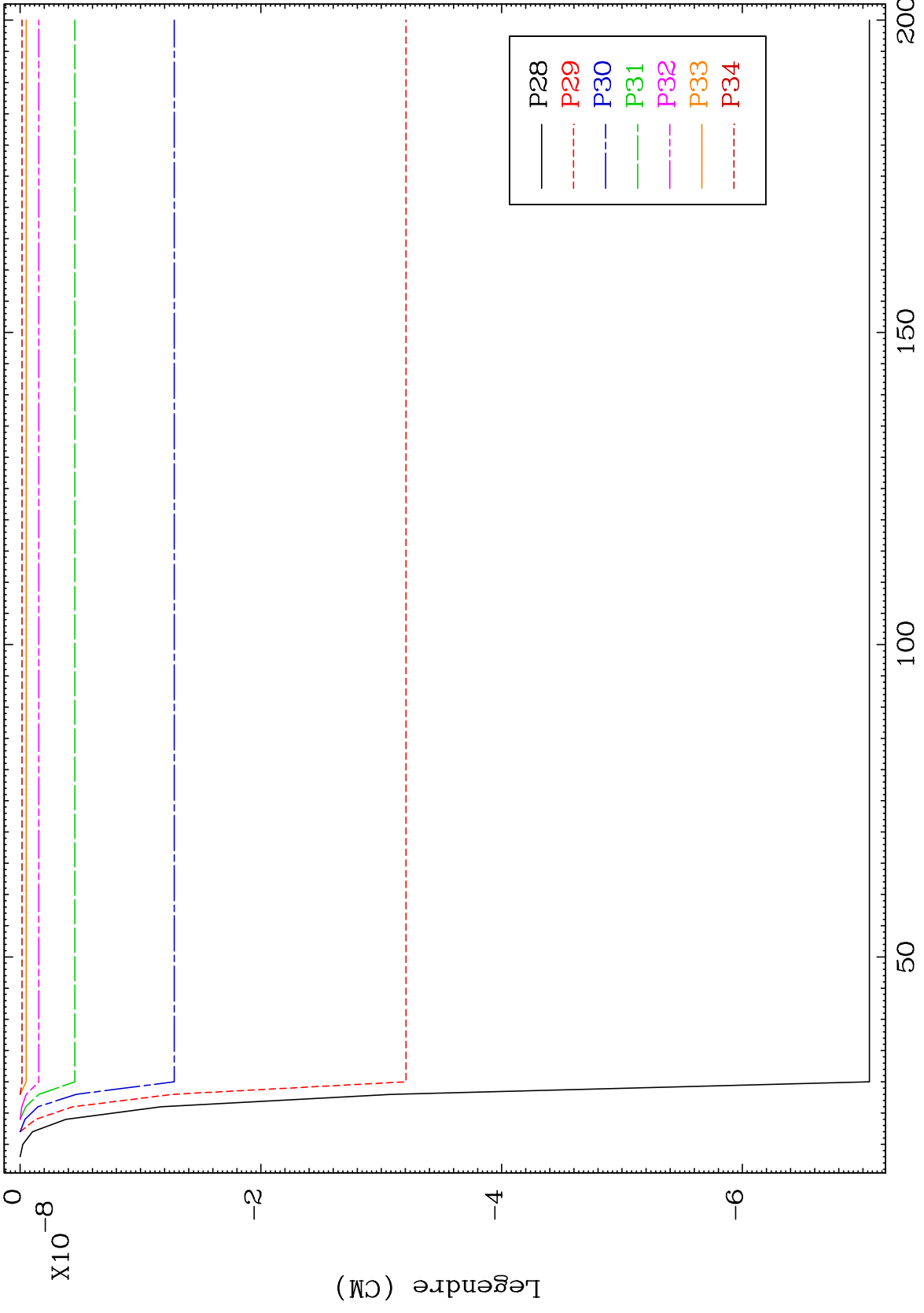


76

Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-129

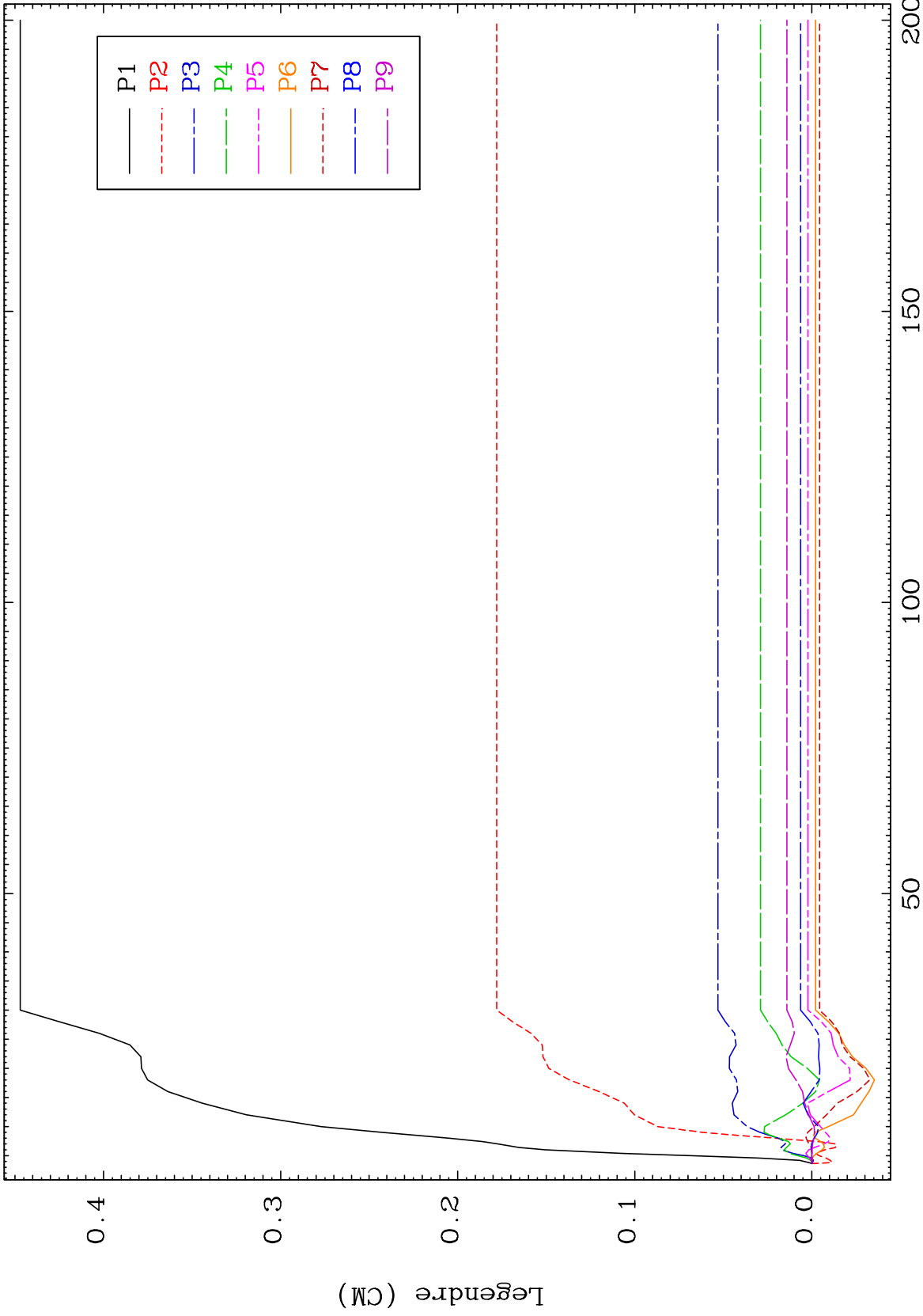


77 50-Sn-129

MAT 5076

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

50-Sn-129



78

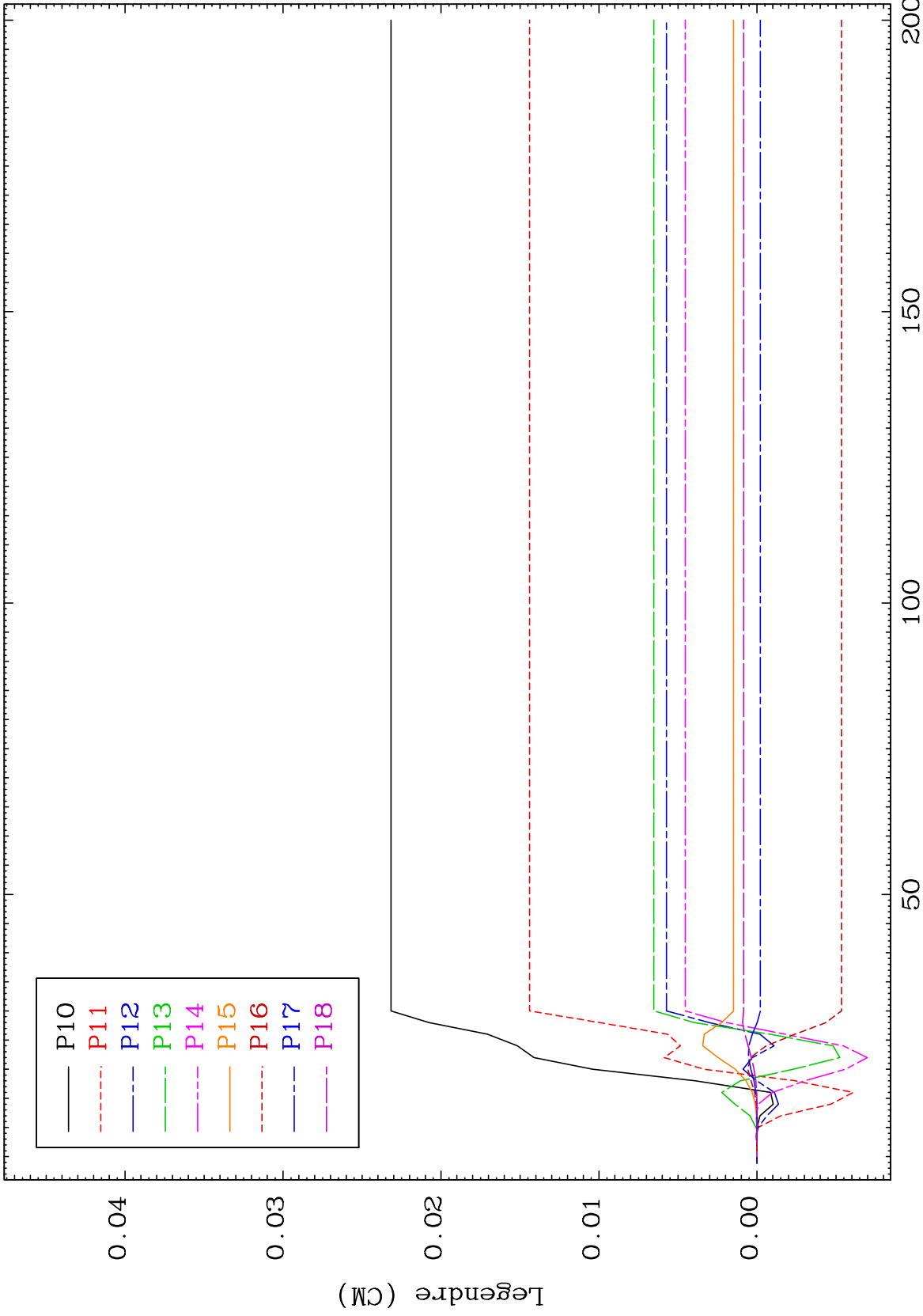
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



79

Incident Energy (MeV)

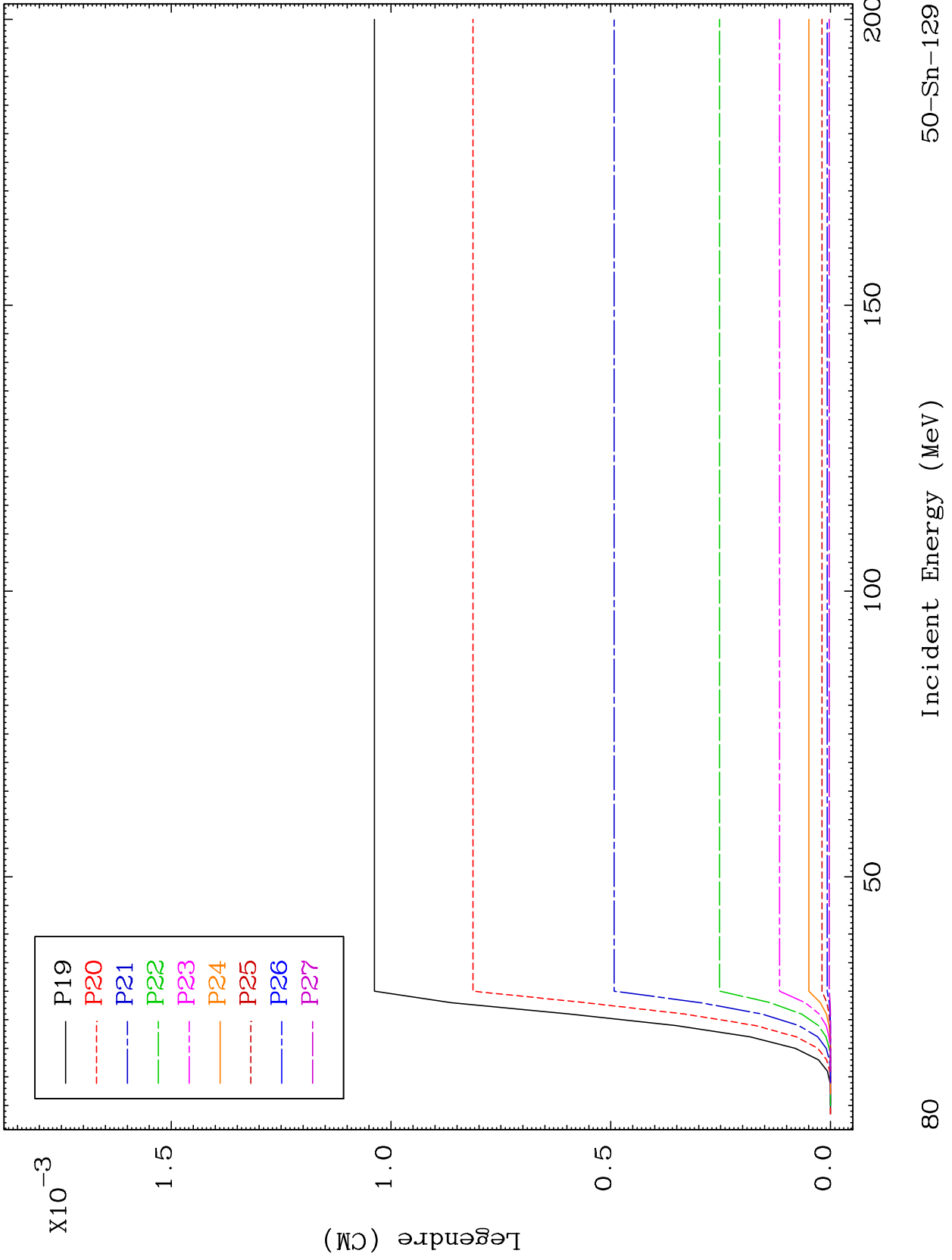
50-Sn-129



MAT 5076

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

50-Sn-129

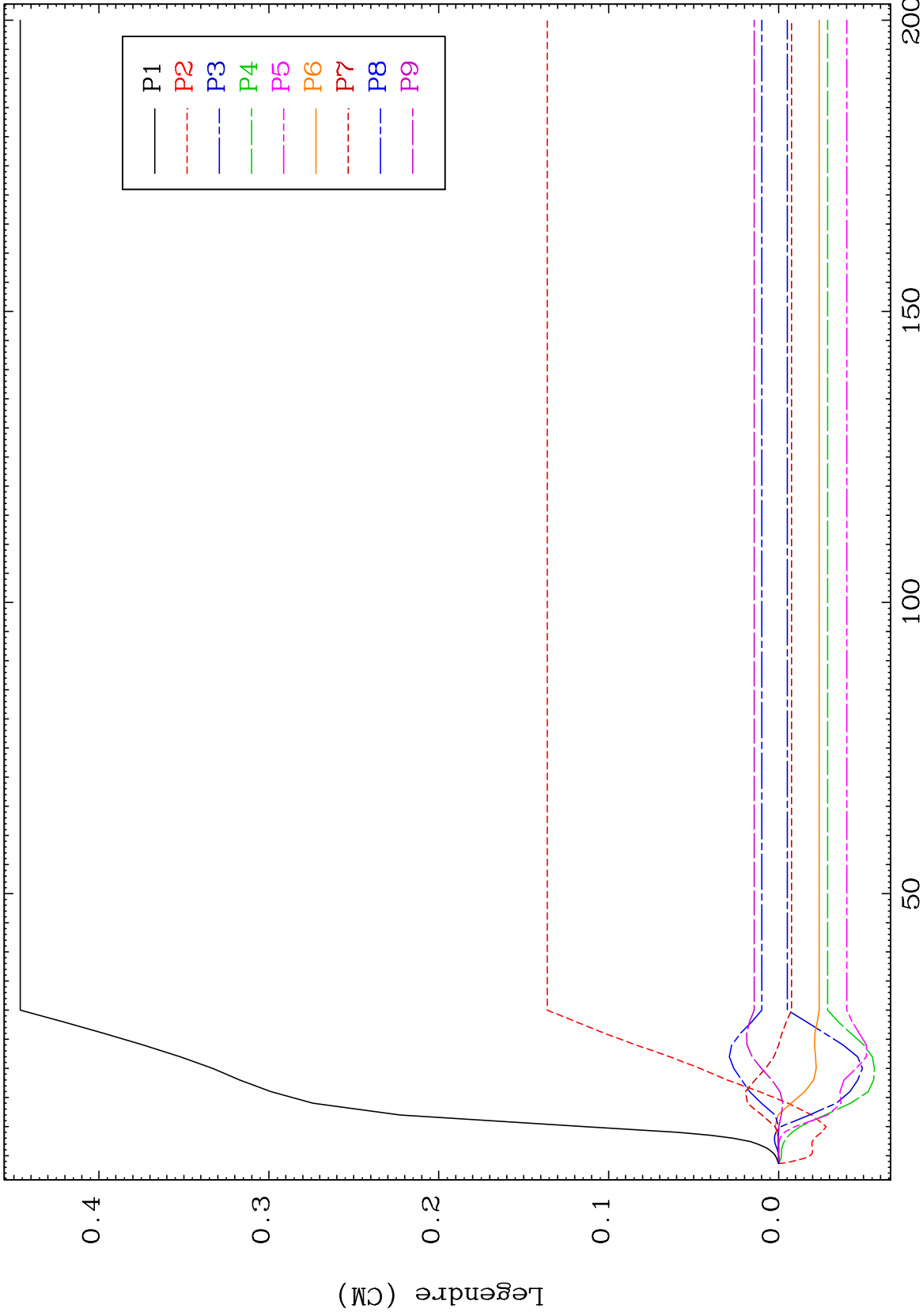




MAT 5076

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

50-Sn-129



82

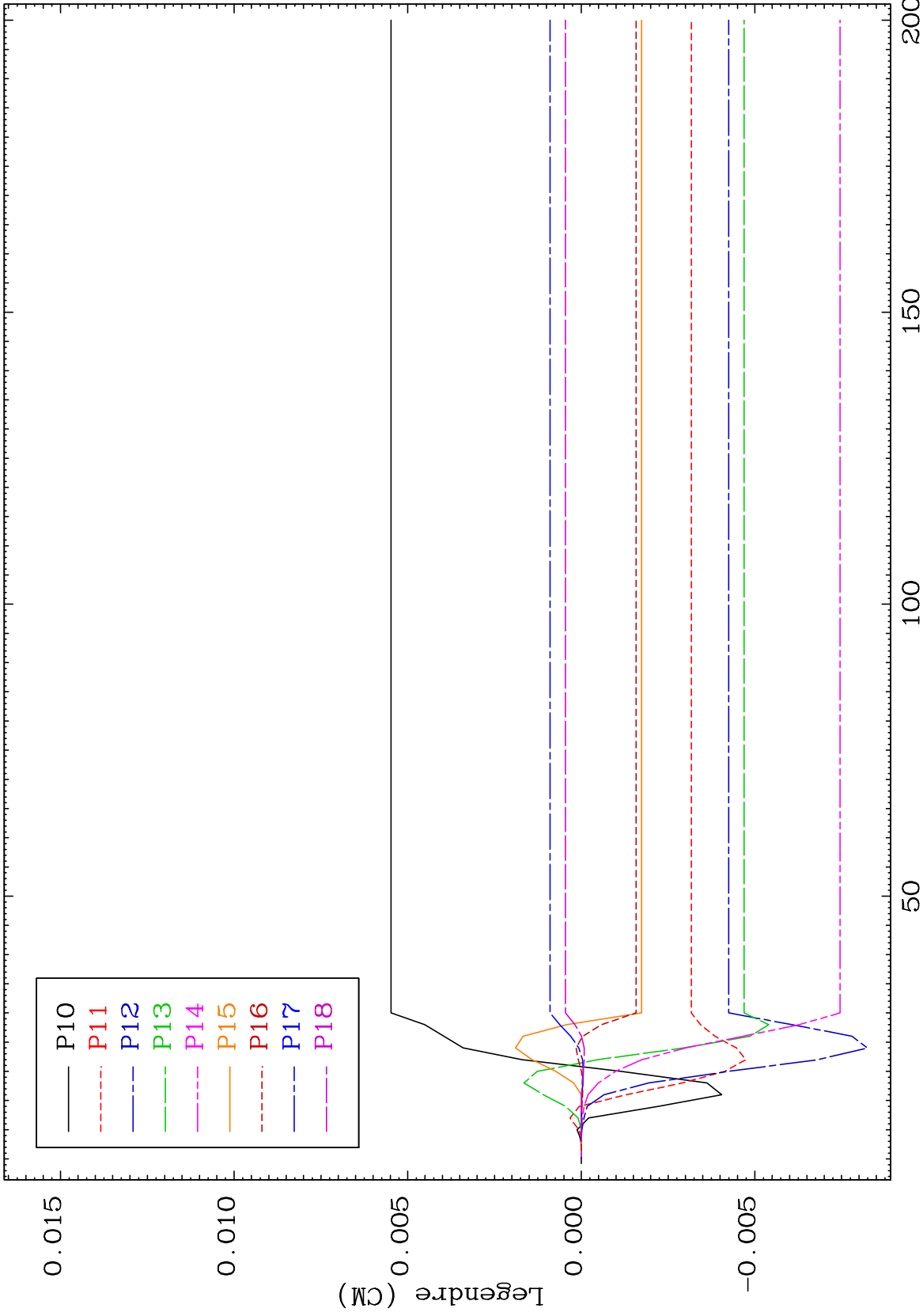
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

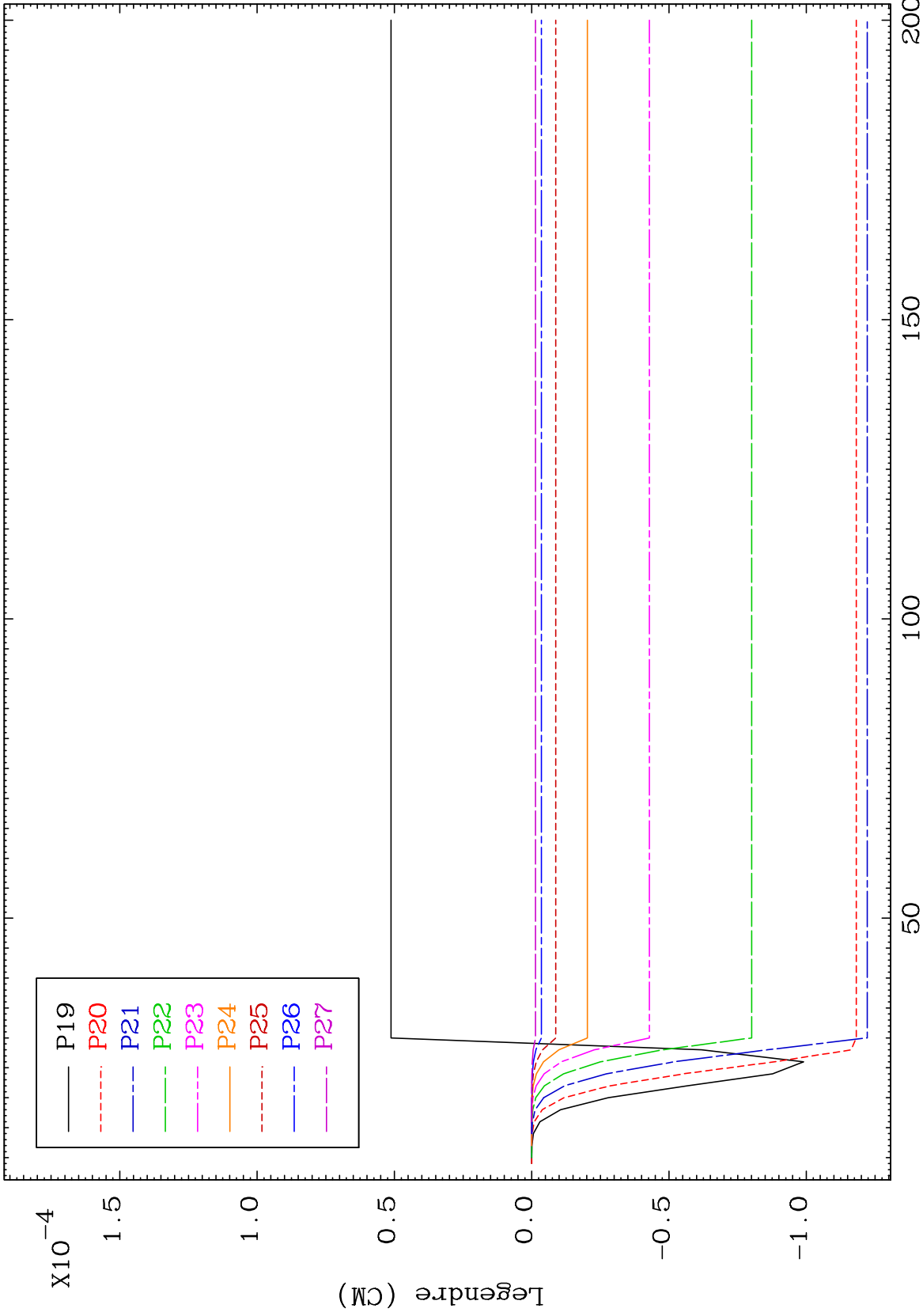
50-Sn-129



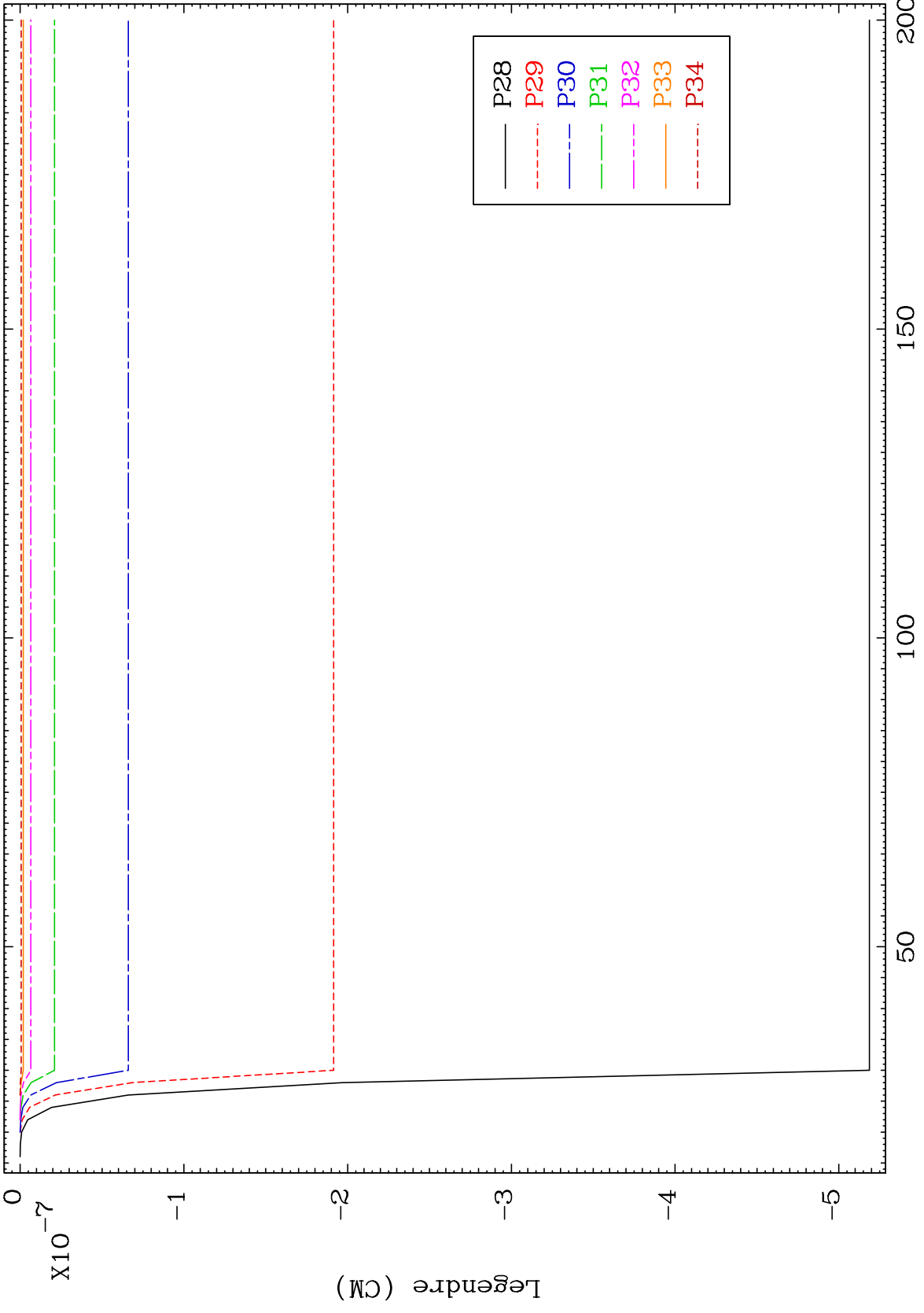
MAT 5076

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

50-Sn-129



MAT 5076 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-129

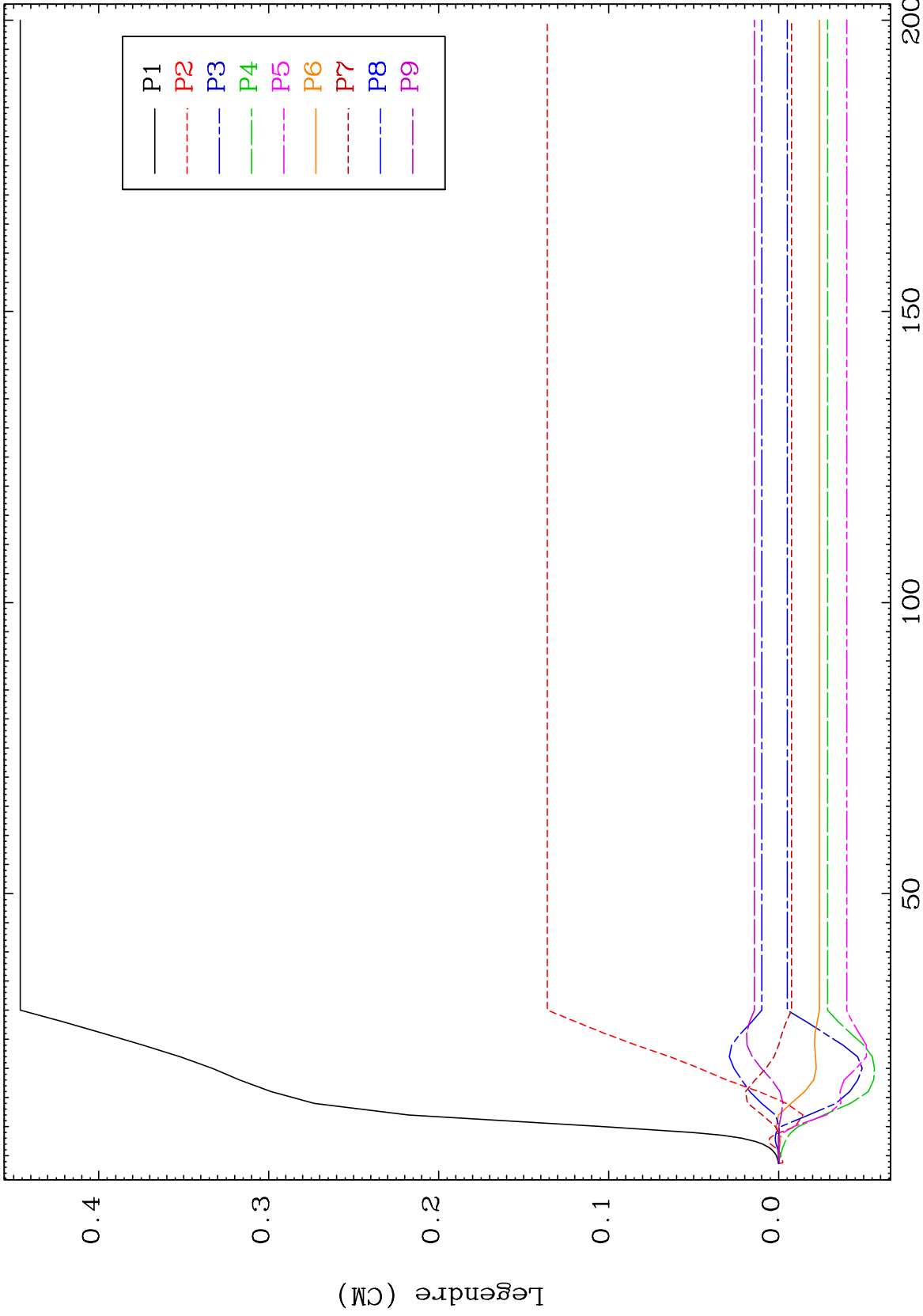


85 Incident Energy (MeV) 50-Sn-129

MAT 5076

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

50-Sn-129



86

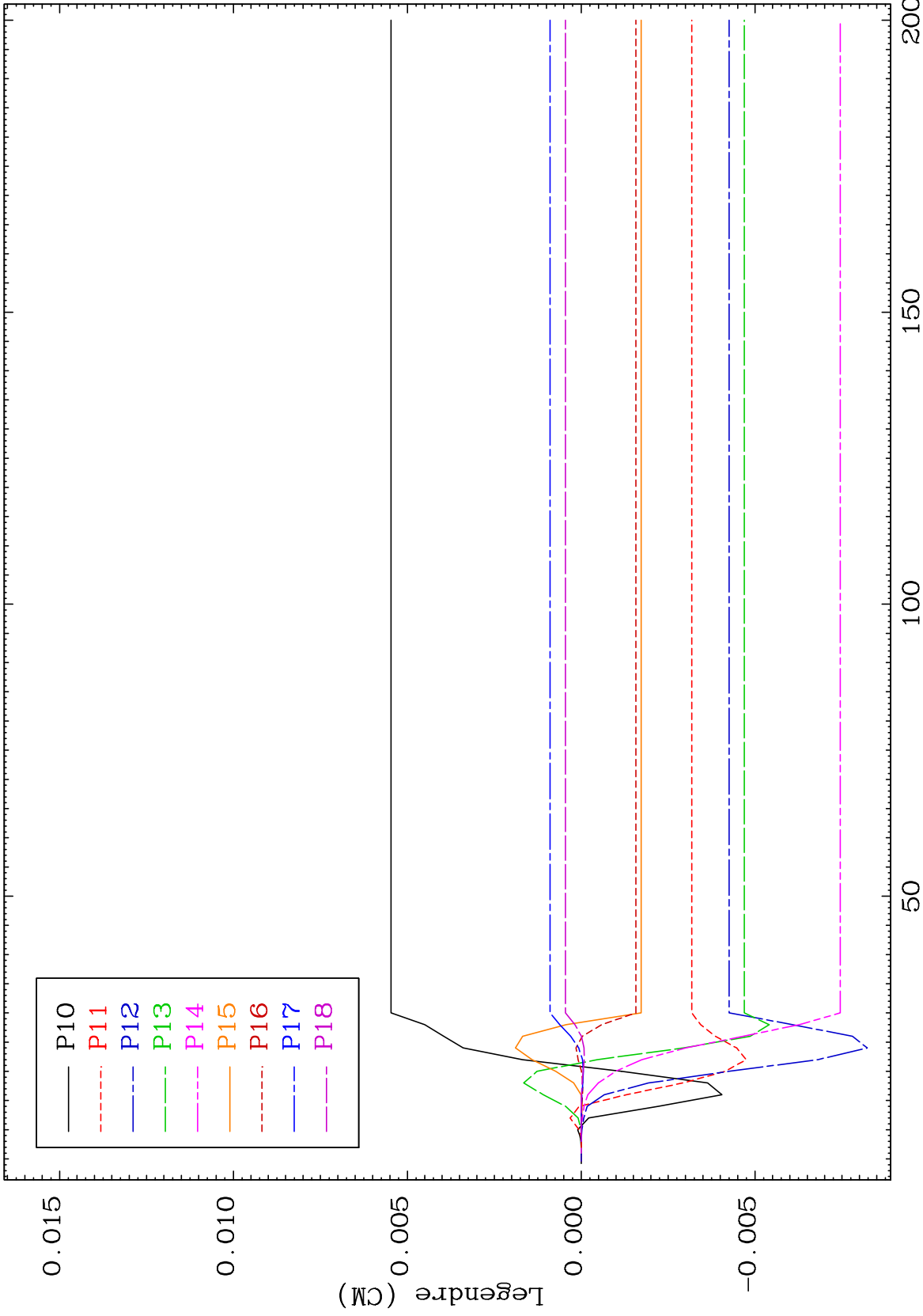
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

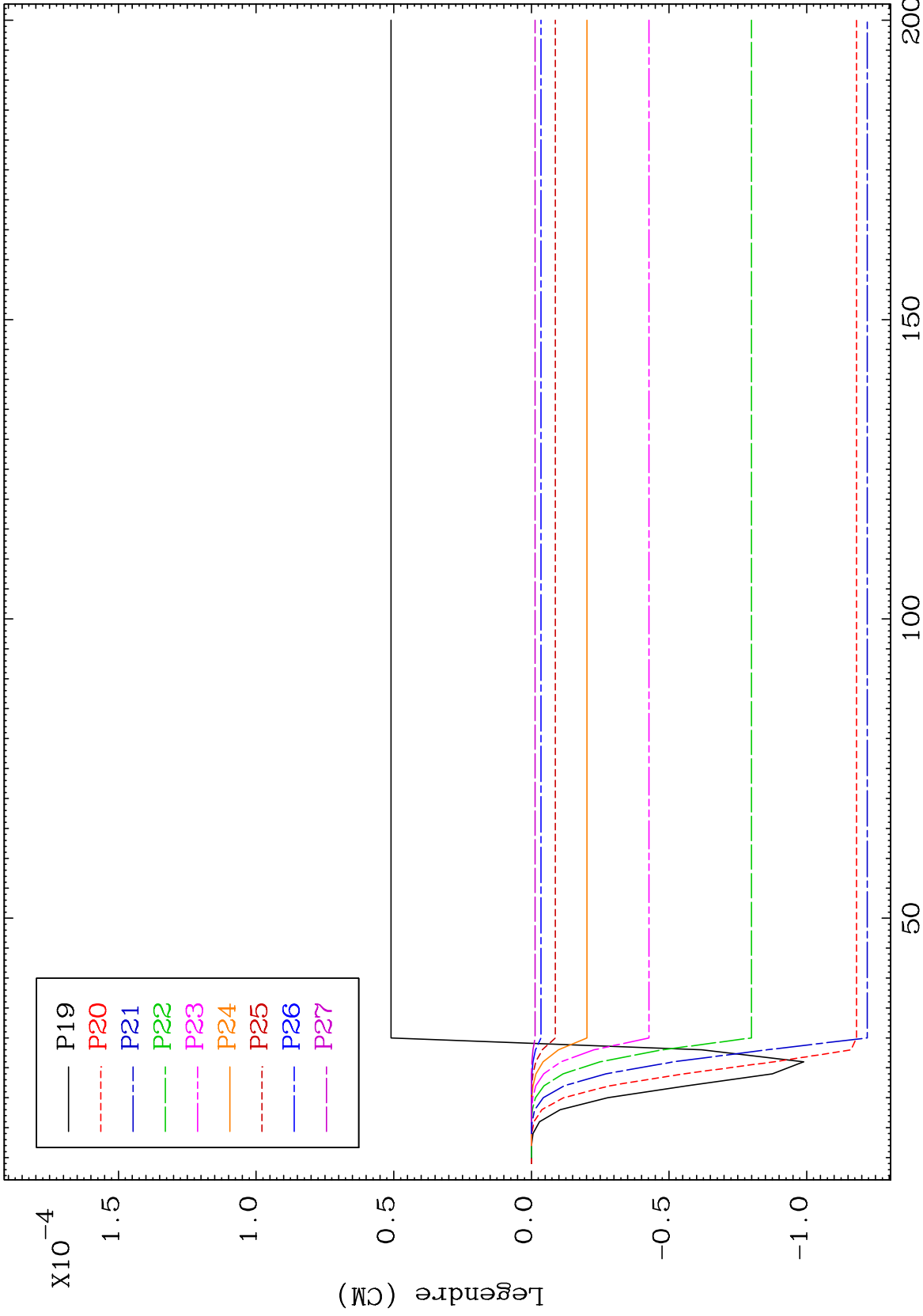




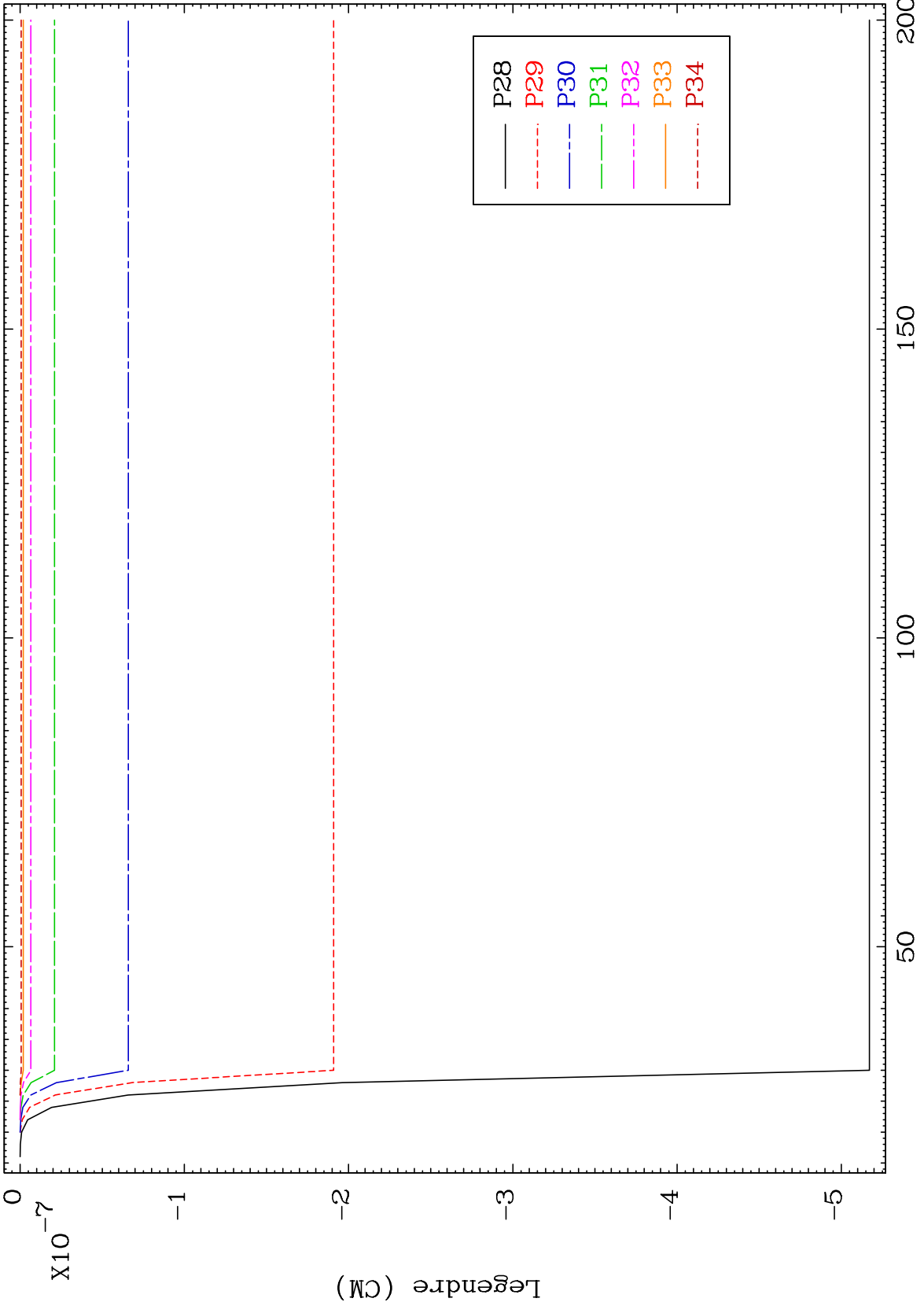
MAT 5076

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

50-Sn-129



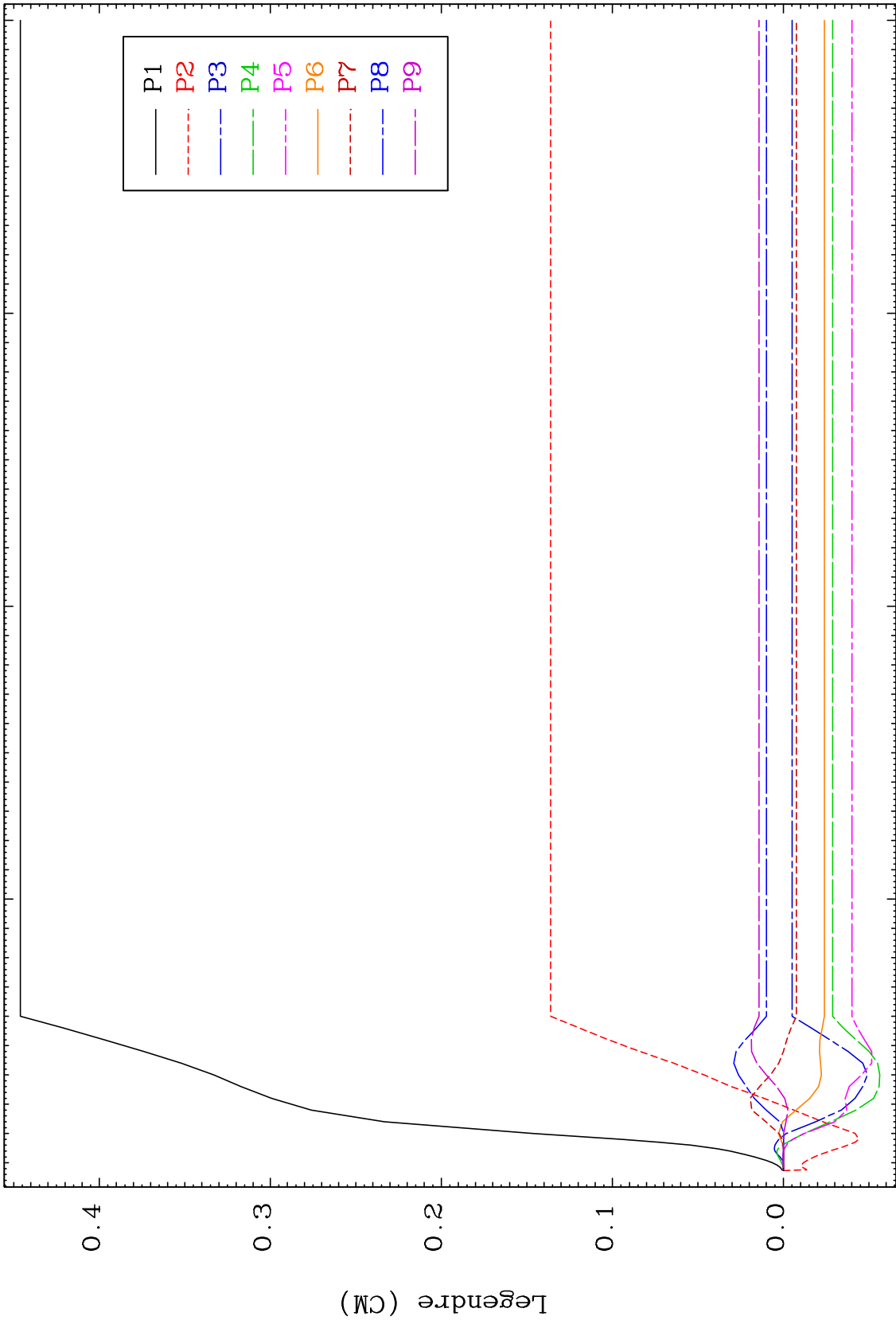
MAT 5076 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



90

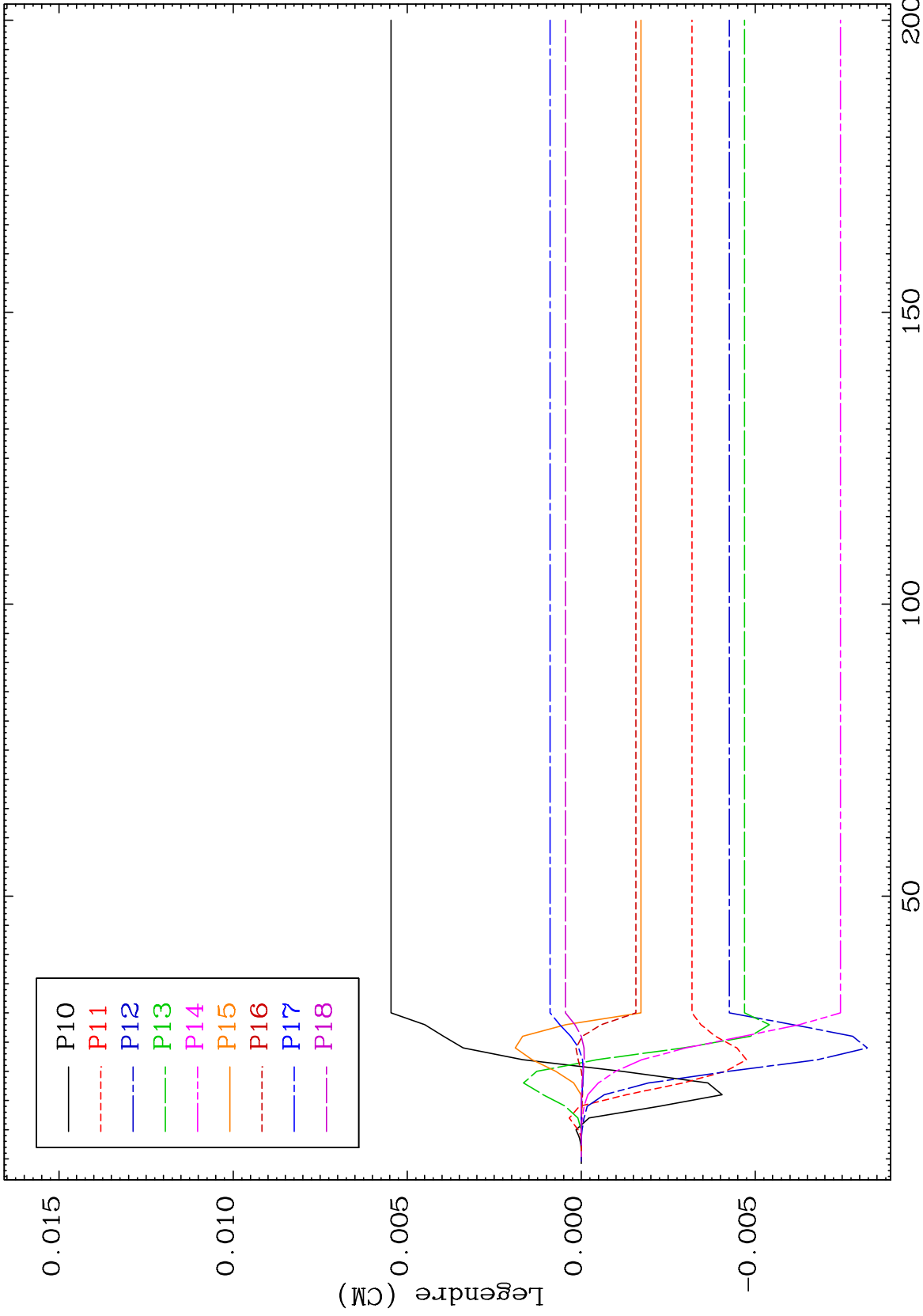
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

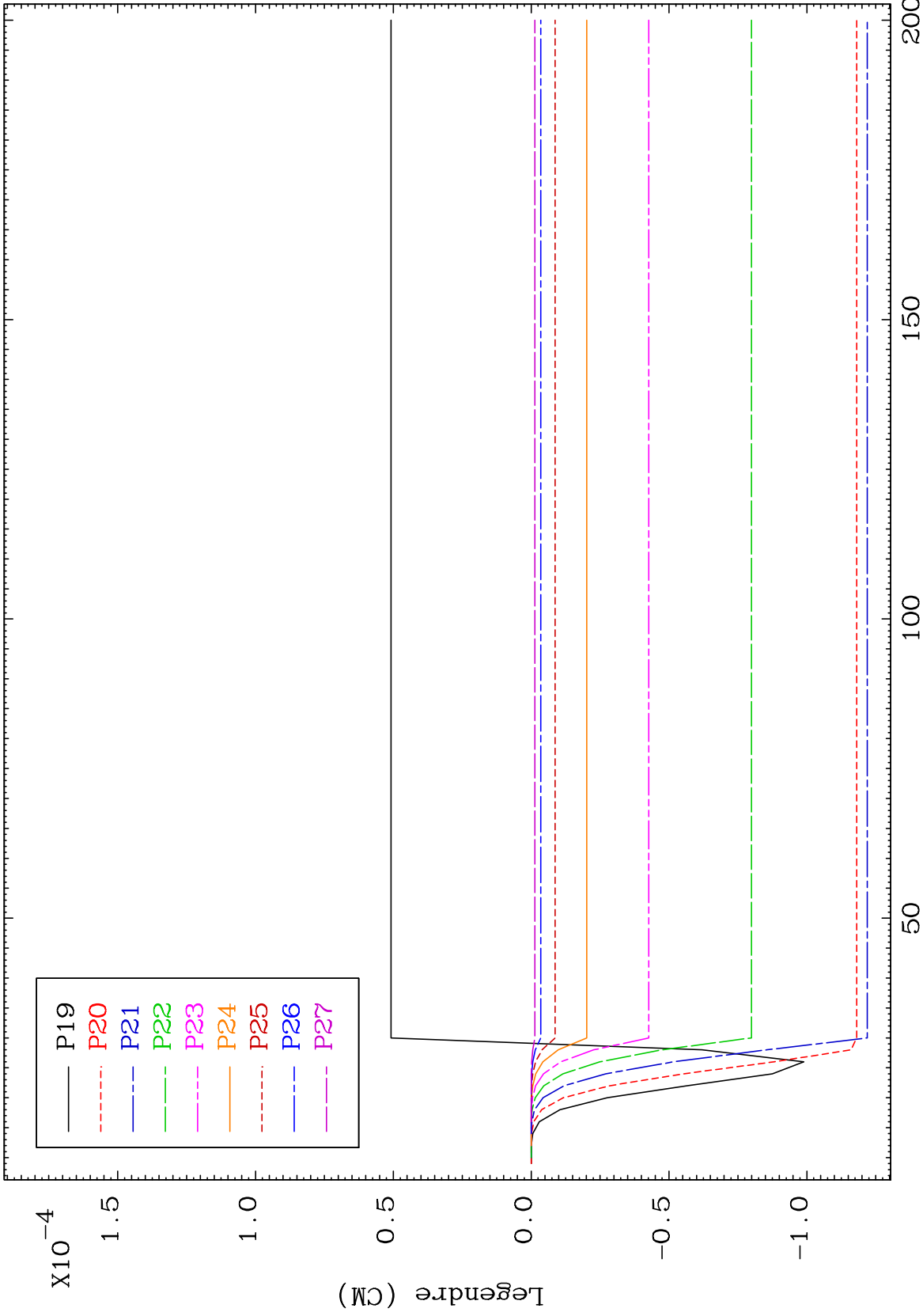
50-Sn-129



MAT 5076

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

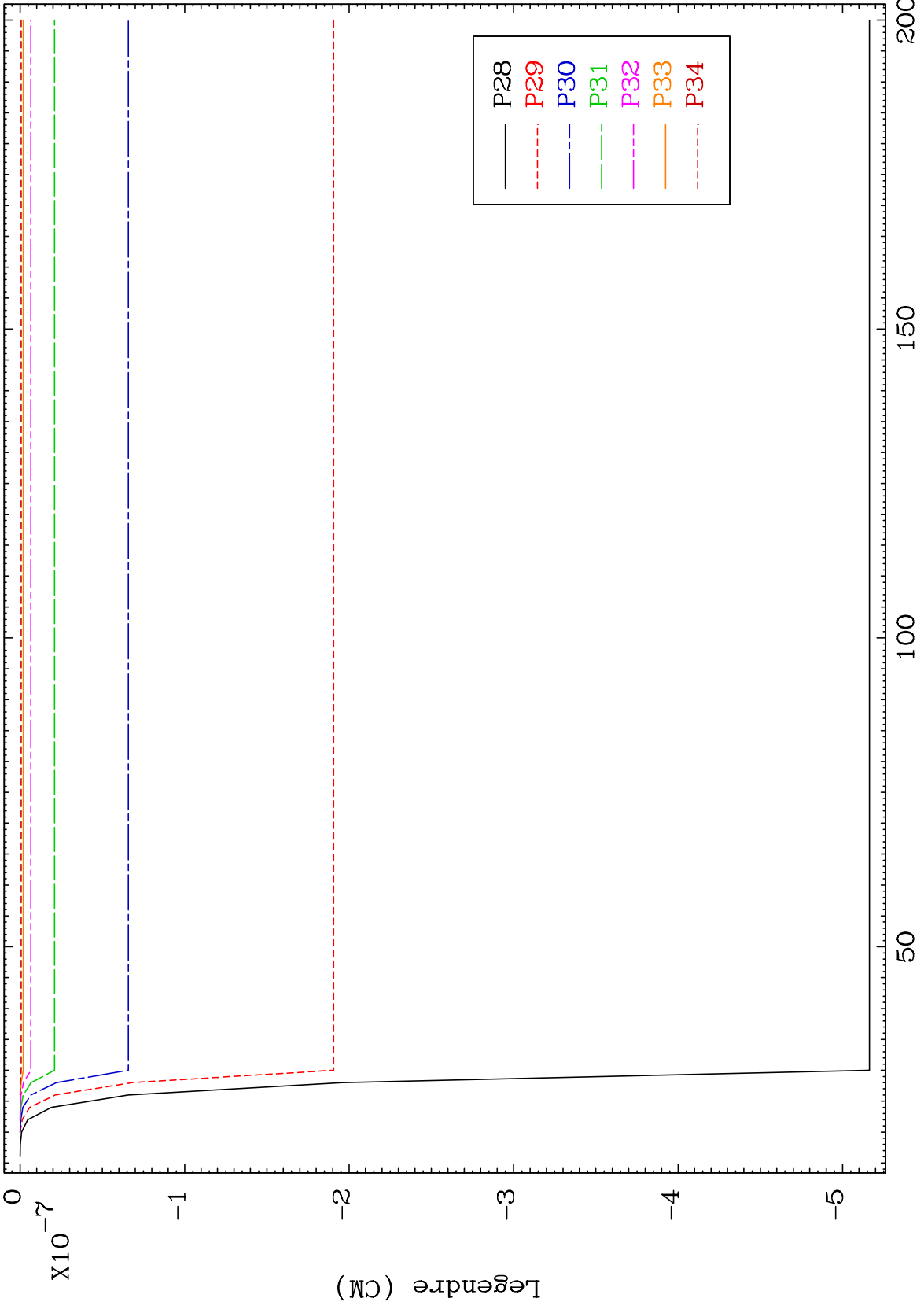
50-Sn-129



92

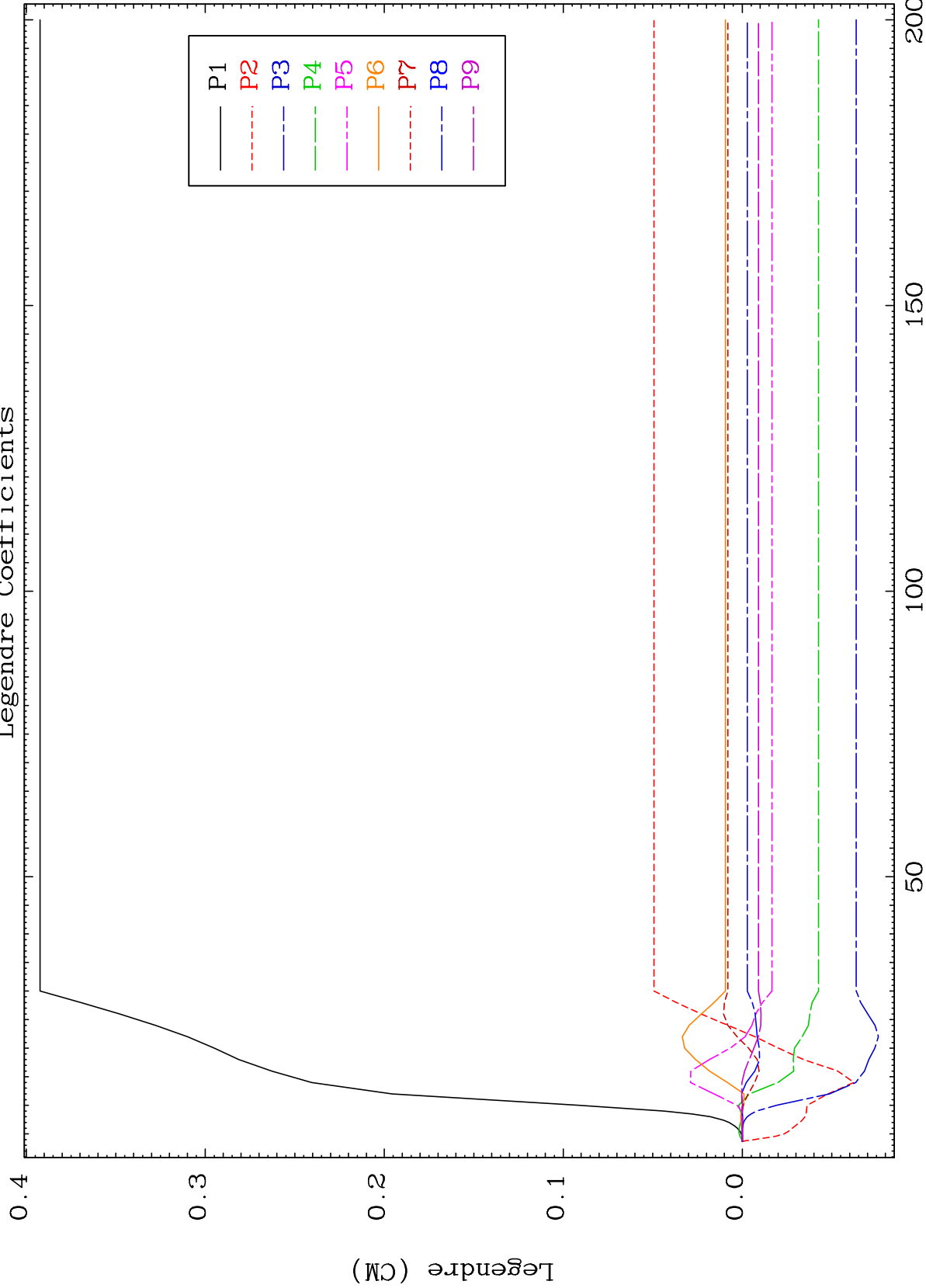
50-Sn-129

MAT 5076 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076 MT= 70 (n,n') Level Legendre Coefficients

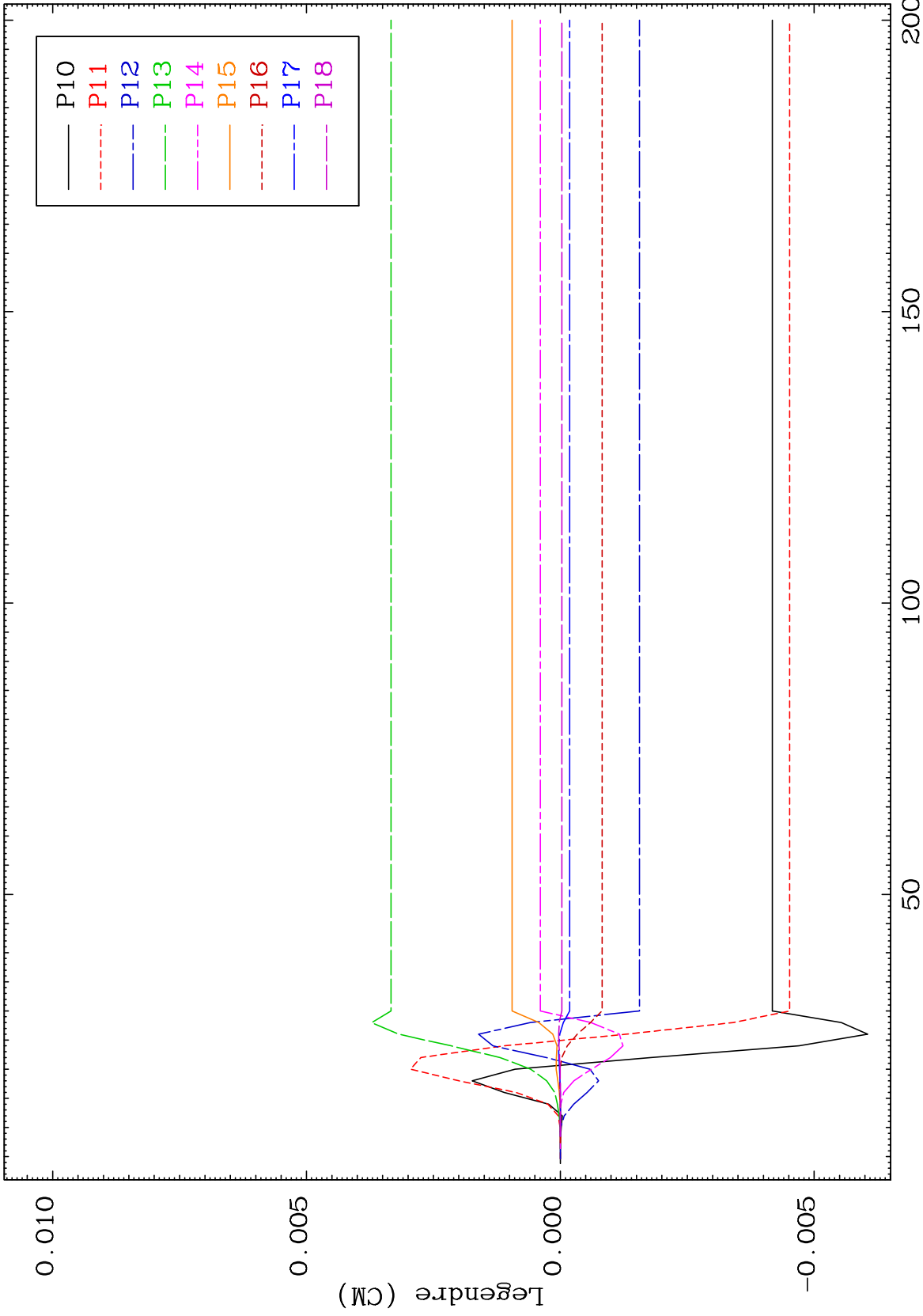
50-Sn-129



MAT 5076

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

50-Sn-129



95

Incident Energy (MeV)

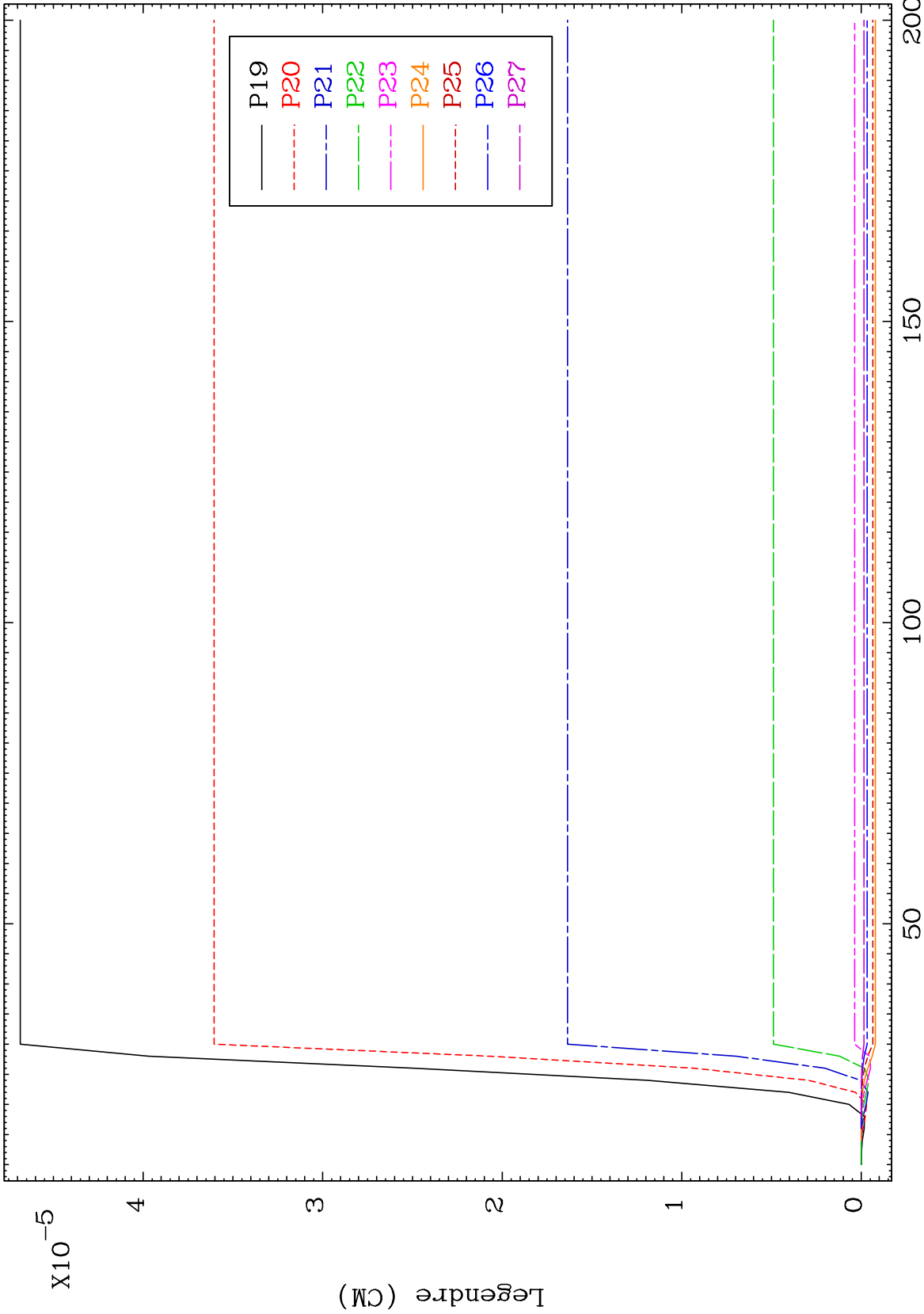
50-Sn-129



MAT 5076

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

50-Sn-129

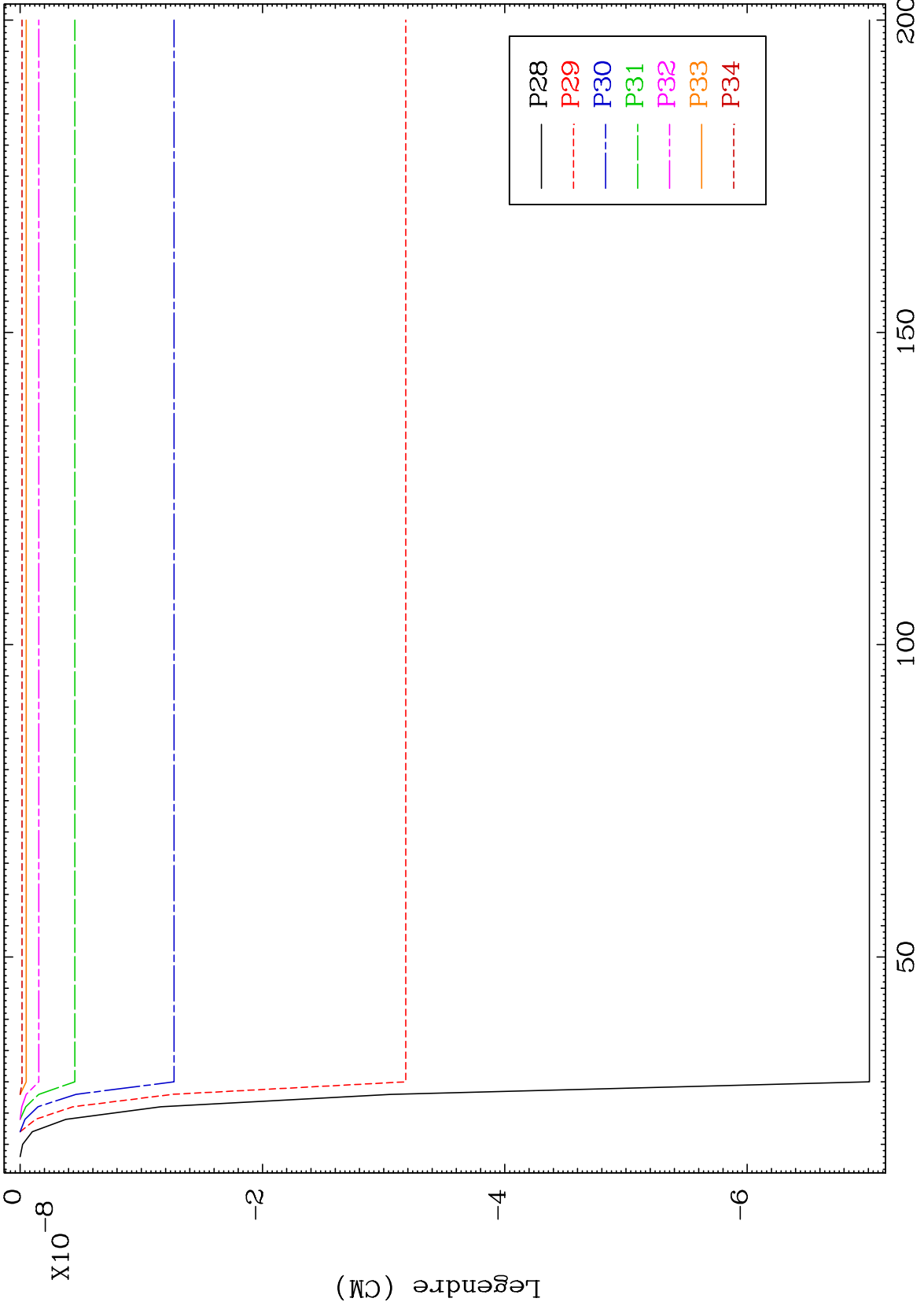


96

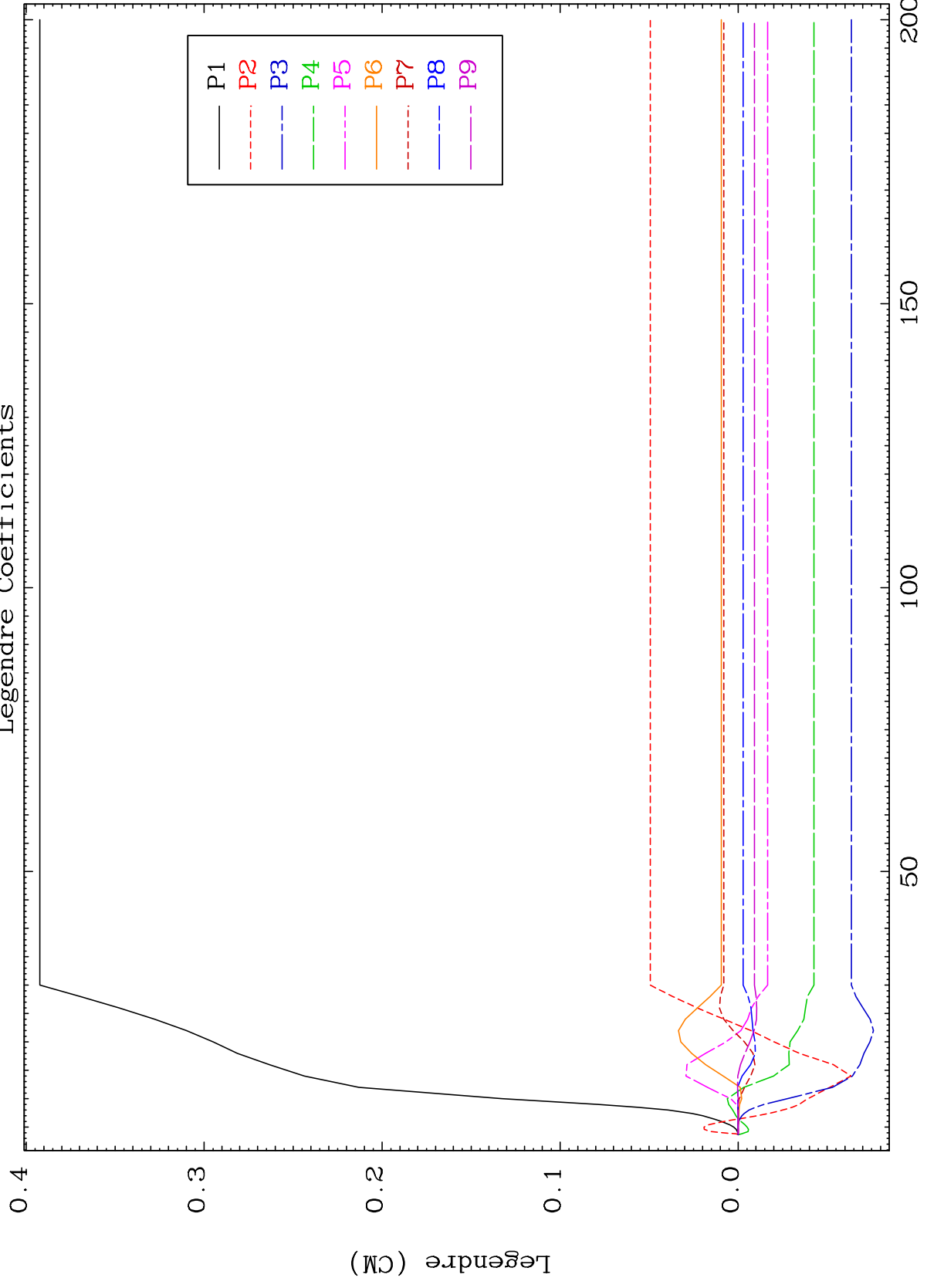
Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-129



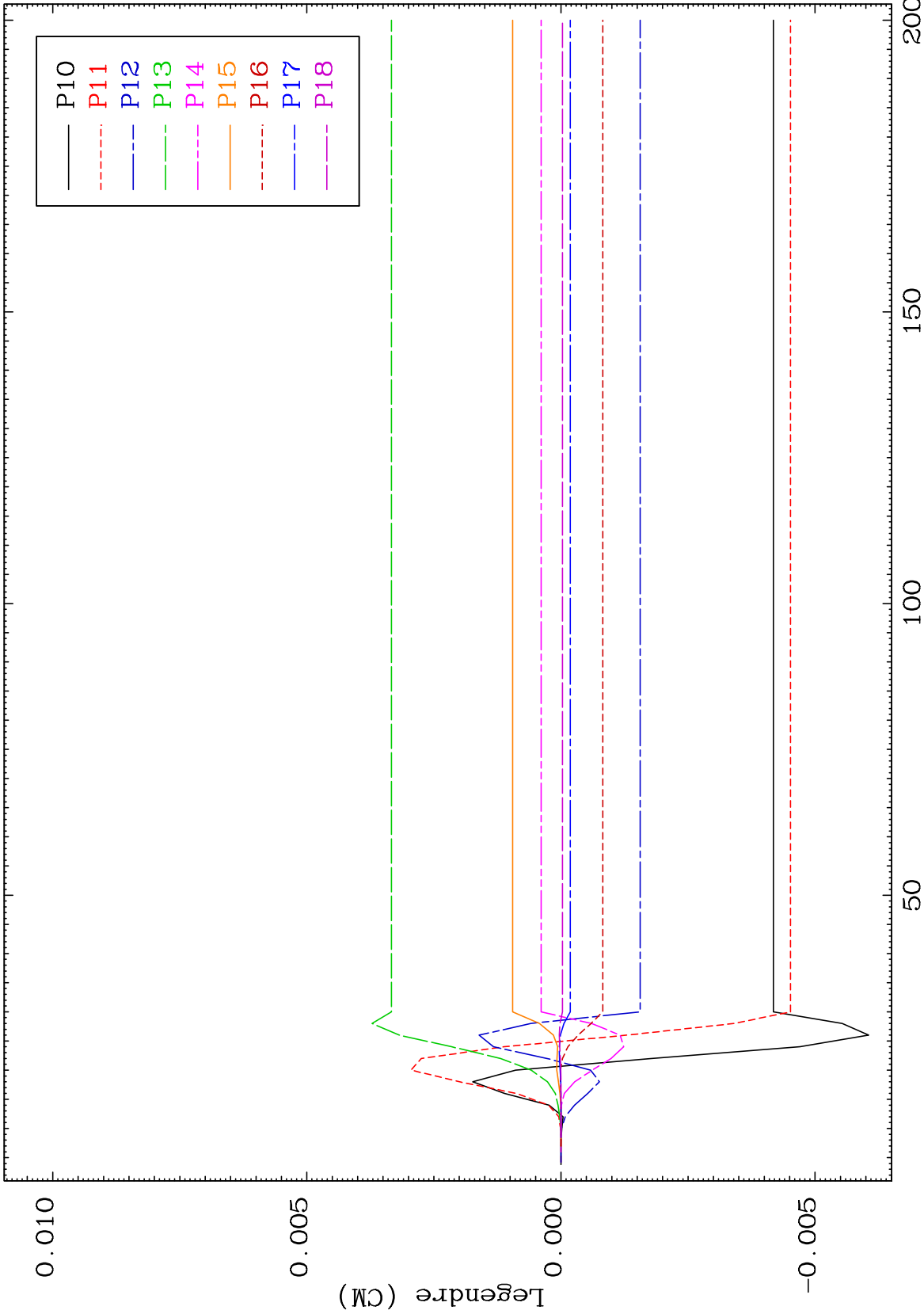
MAT 5076 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

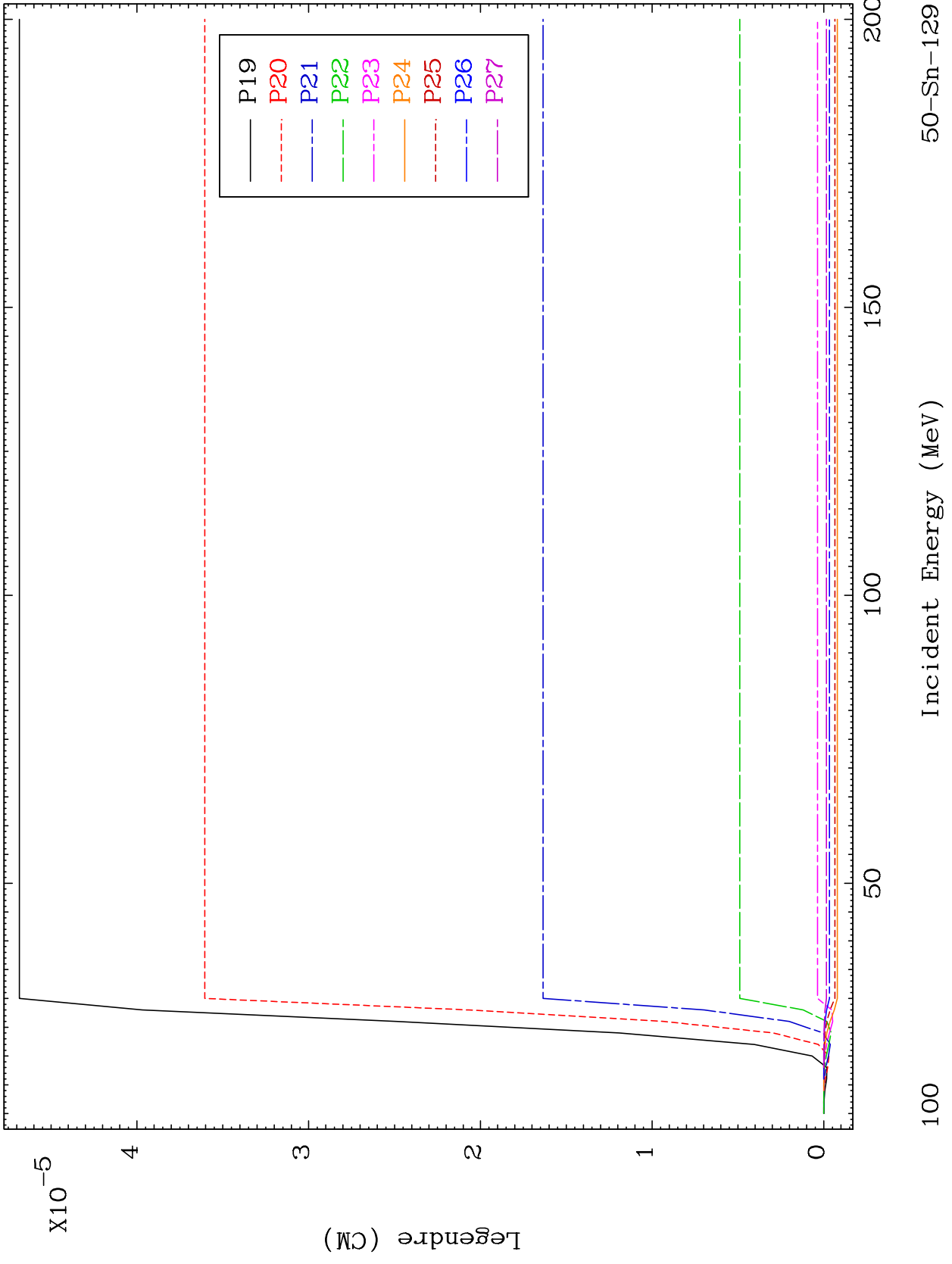
50-Sn-129



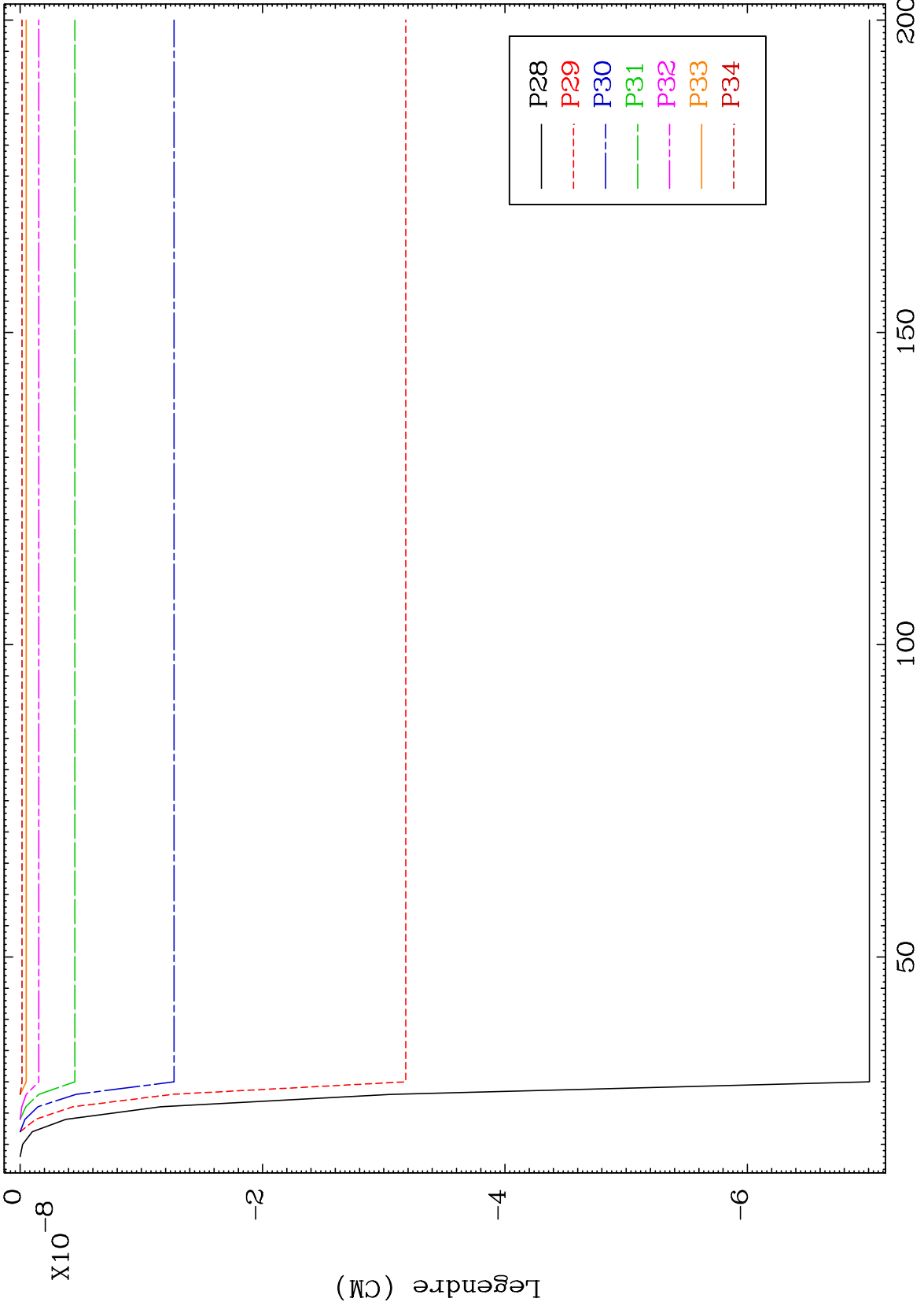
99

50-Sn-129

MAT 5076 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-129



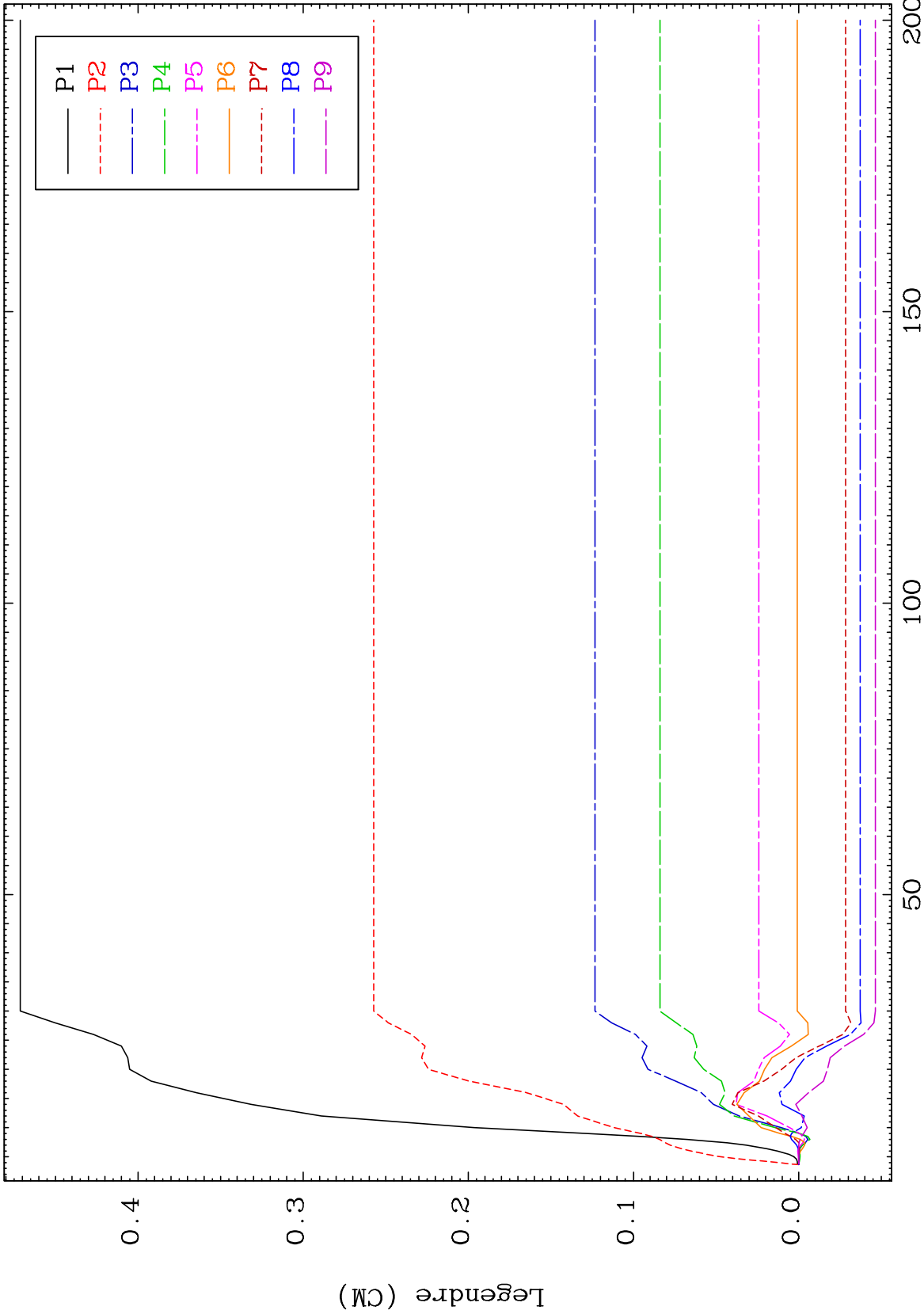
MAT 5076 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



102

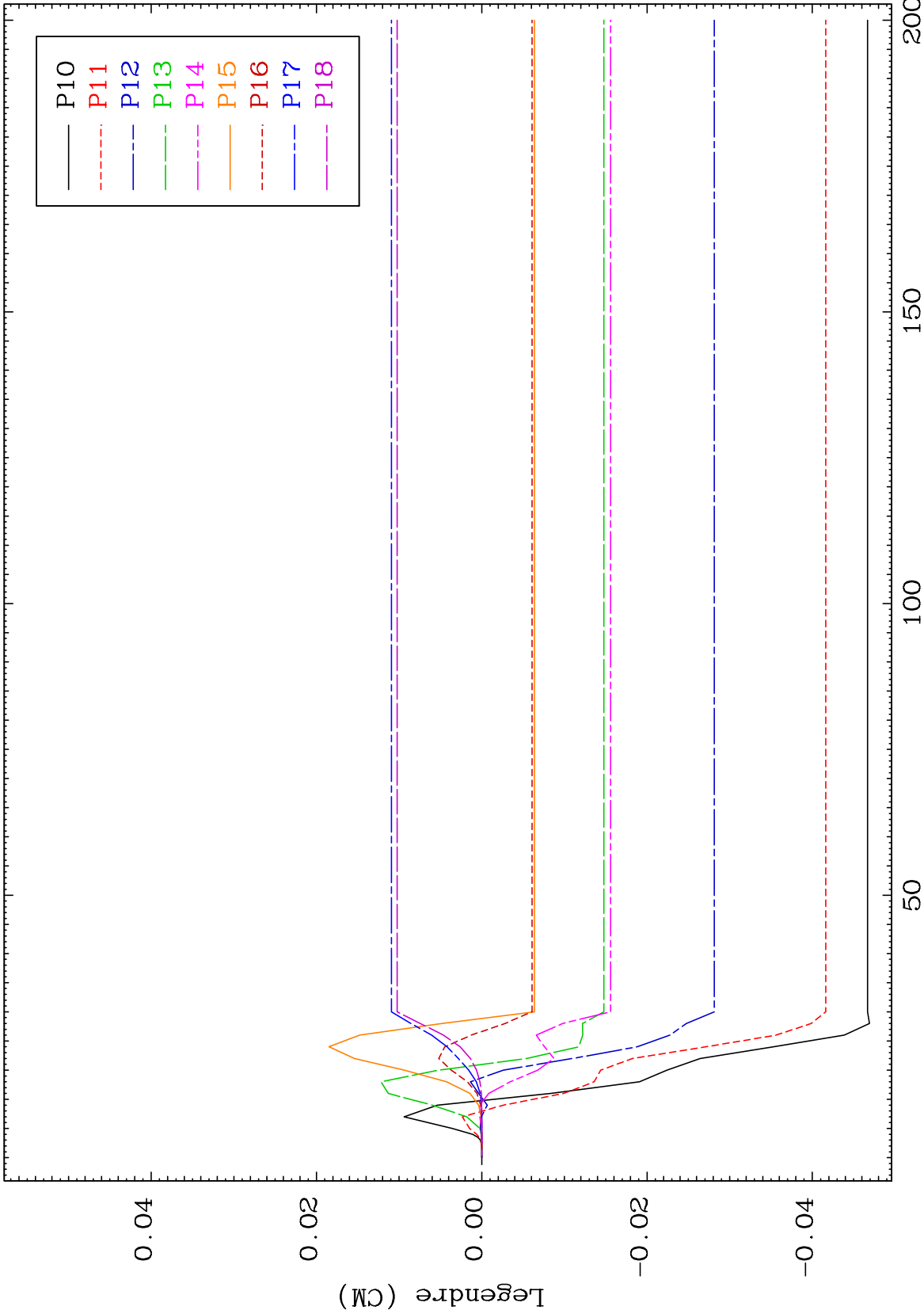
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

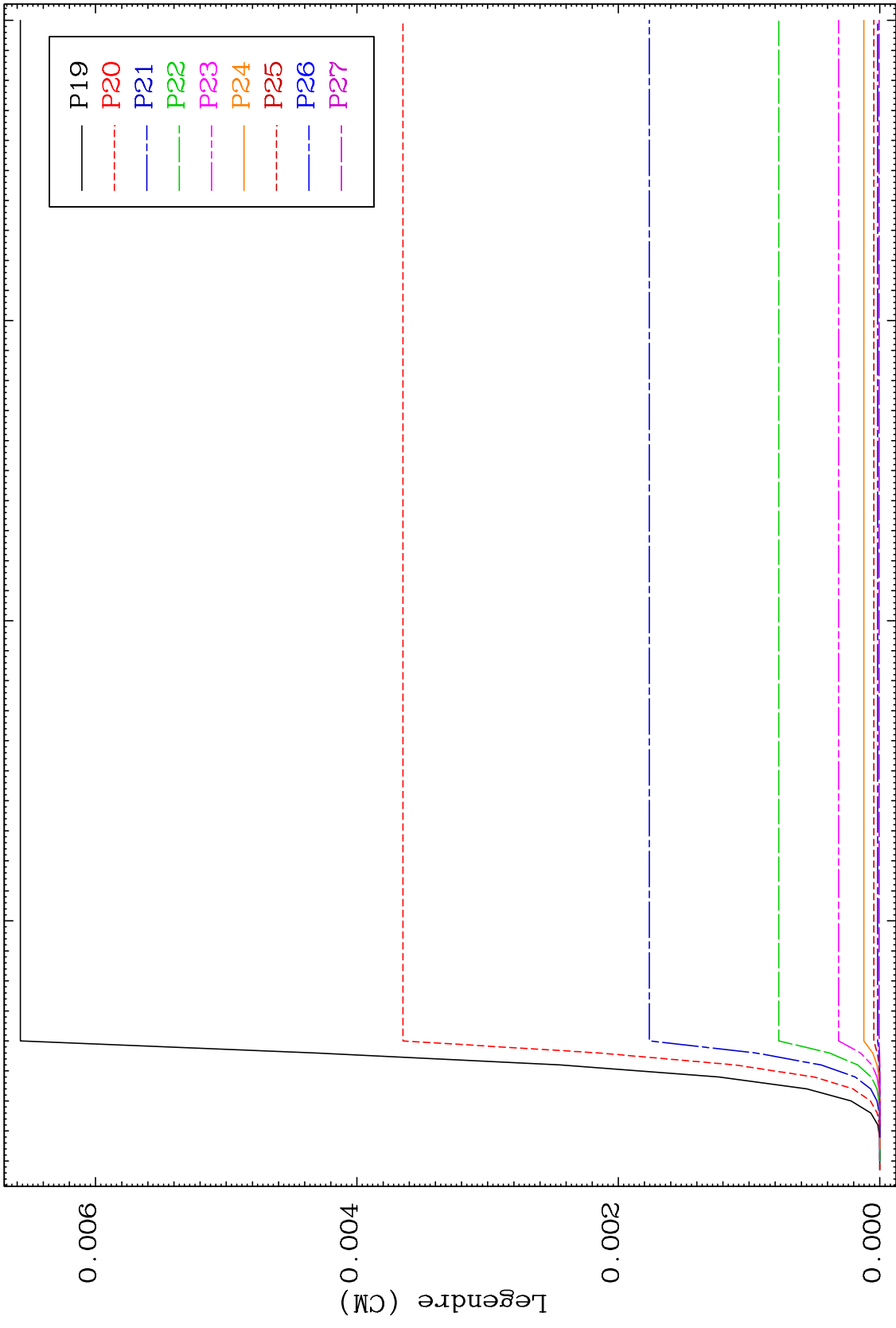


103

50-Sn-129

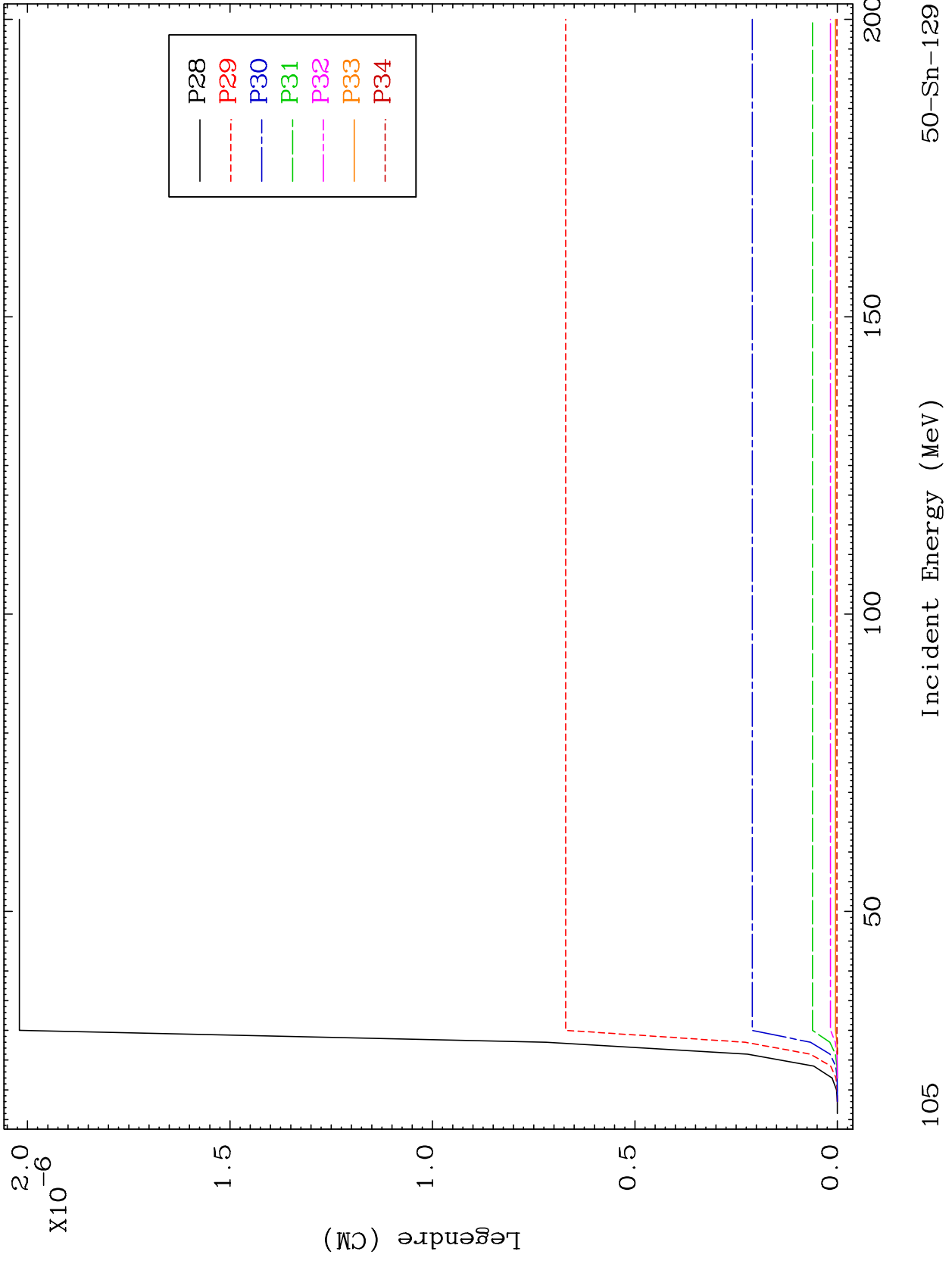


MAT 5076 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-129

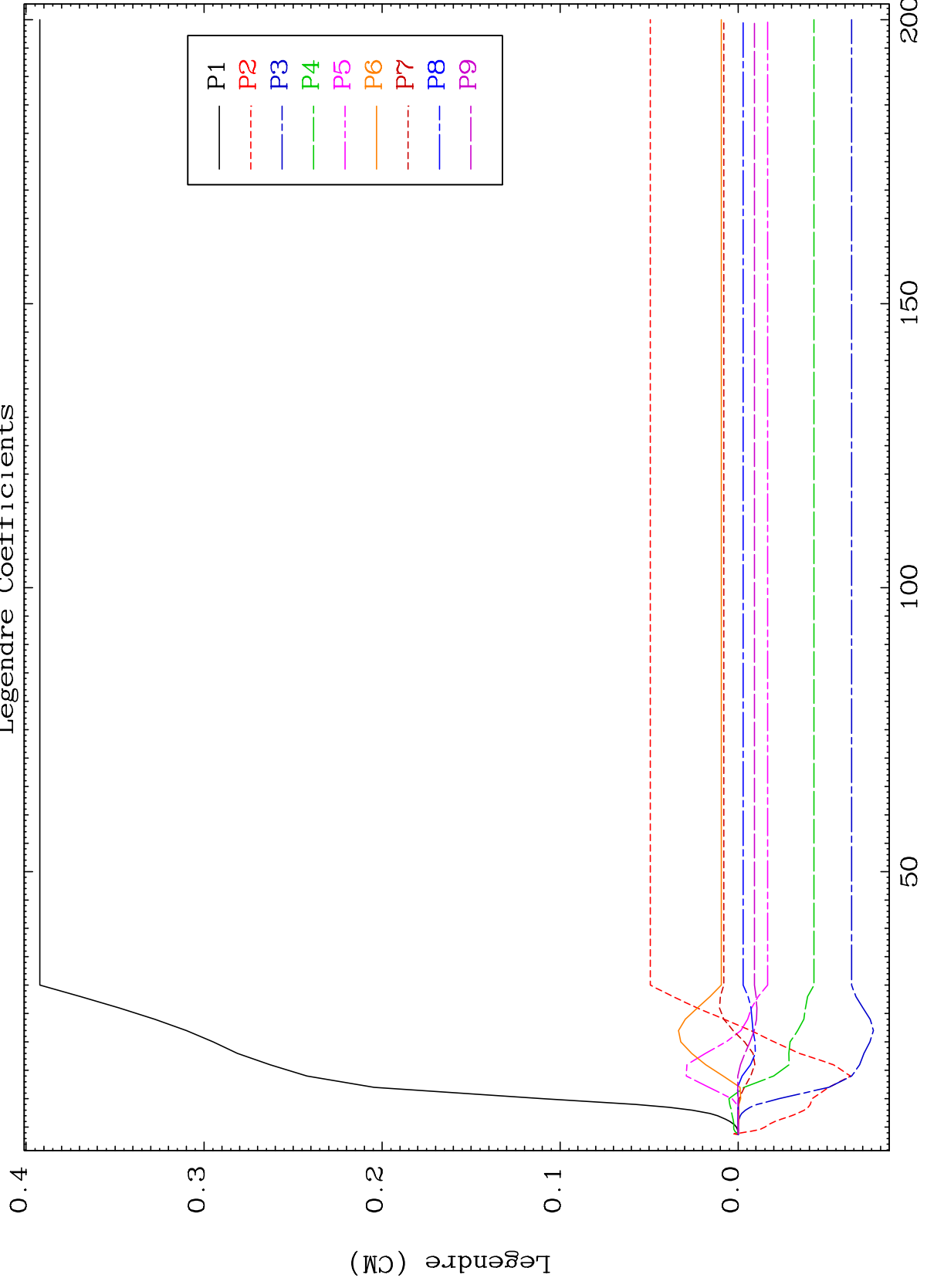


104 Incident Energy (MeV) 50-Sn-129

MAT 5076 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-129

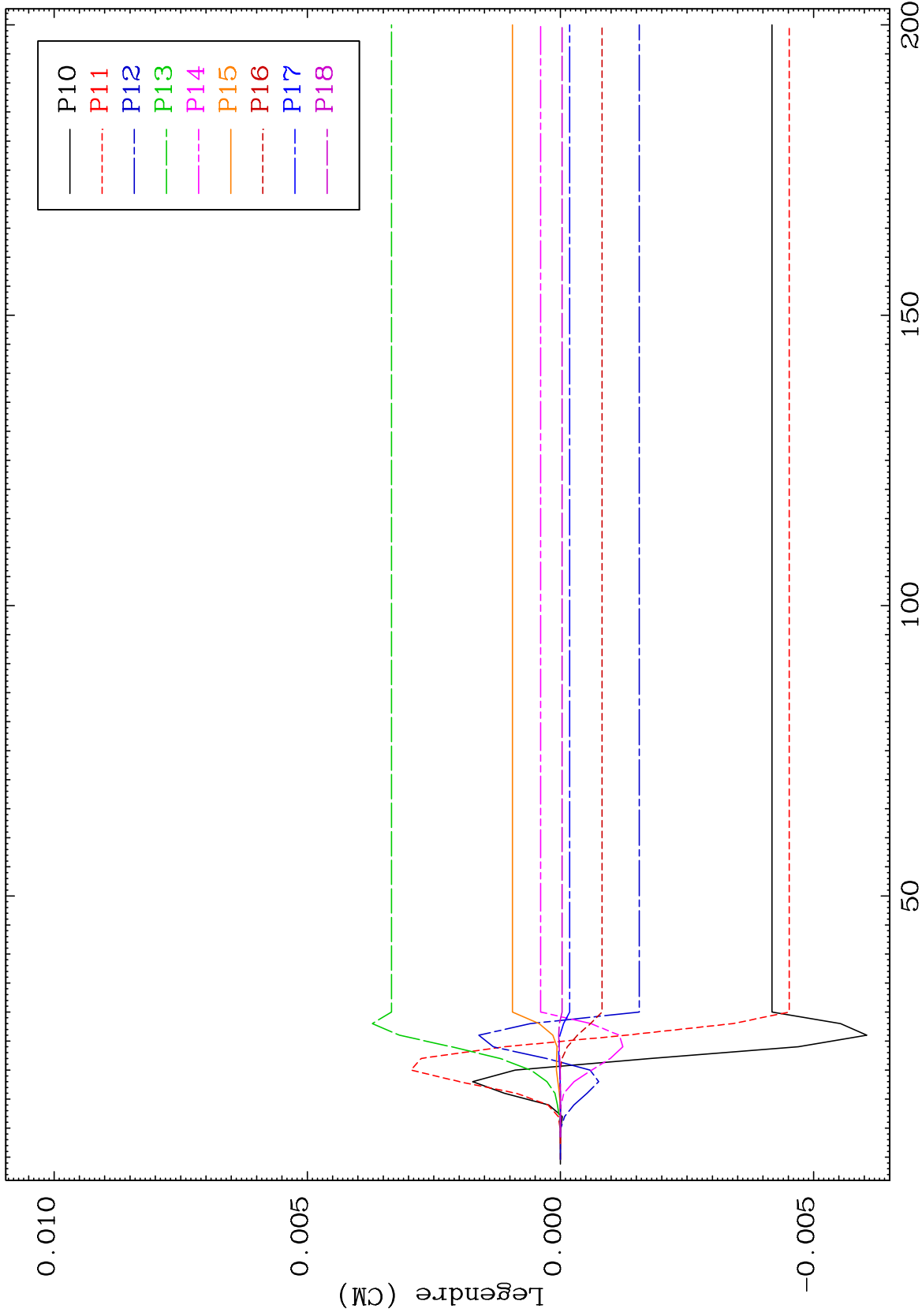


106 Incident Energy (MeV) 50-Sn-129

MAT 5076

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

50-Sn-129



107

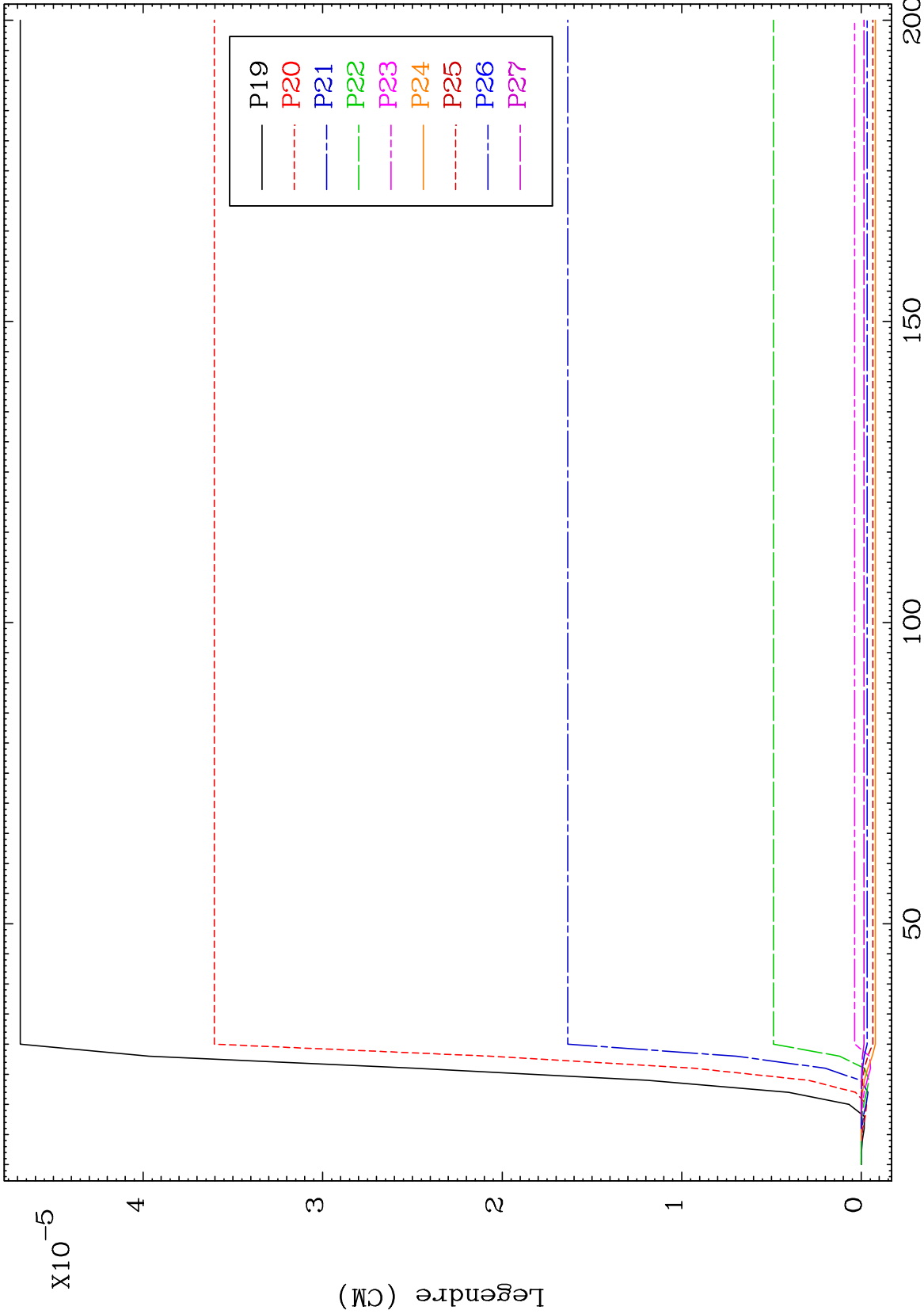
Incident Energy (MeV)

50-Sn-129

MAT 5076

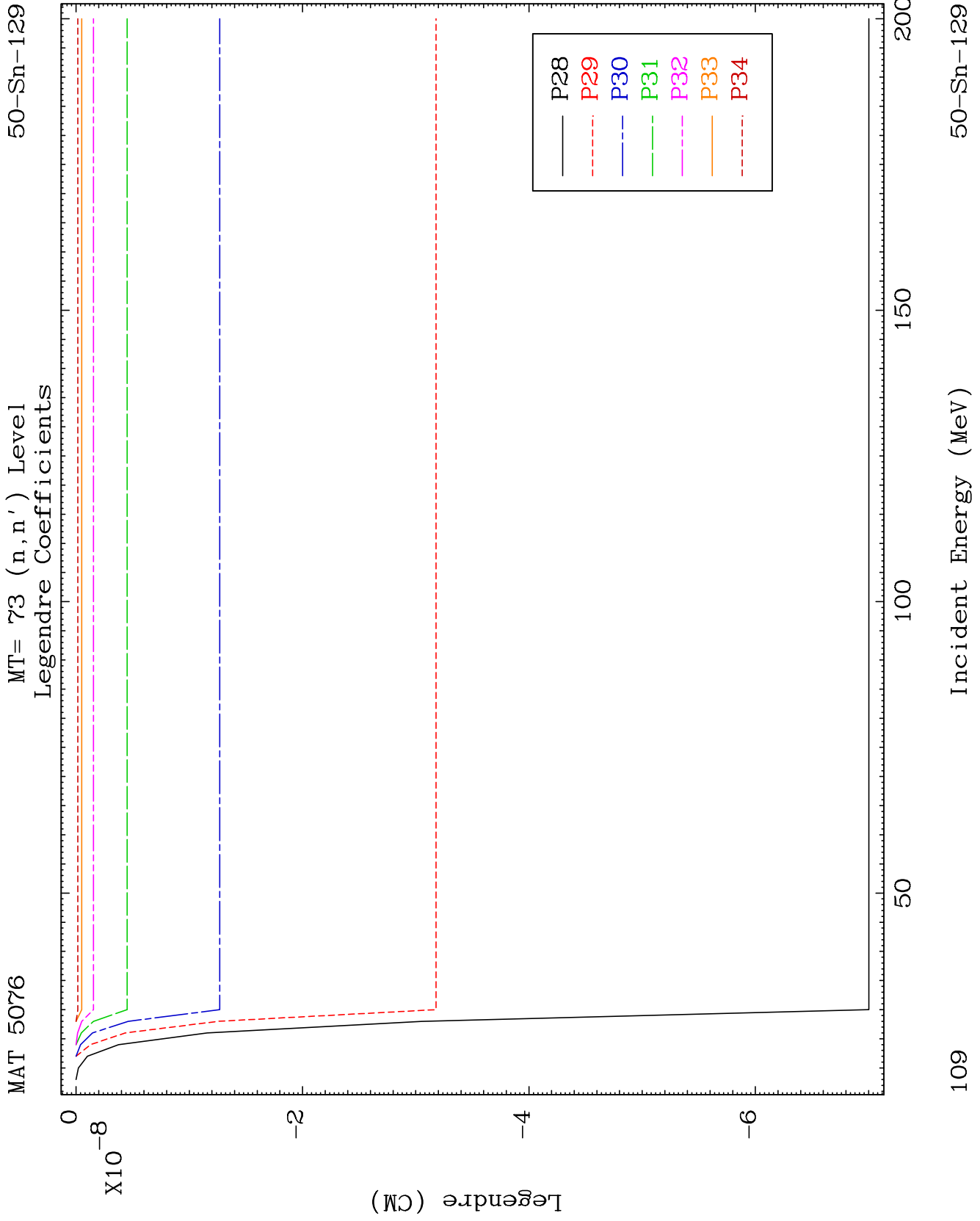
MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-129

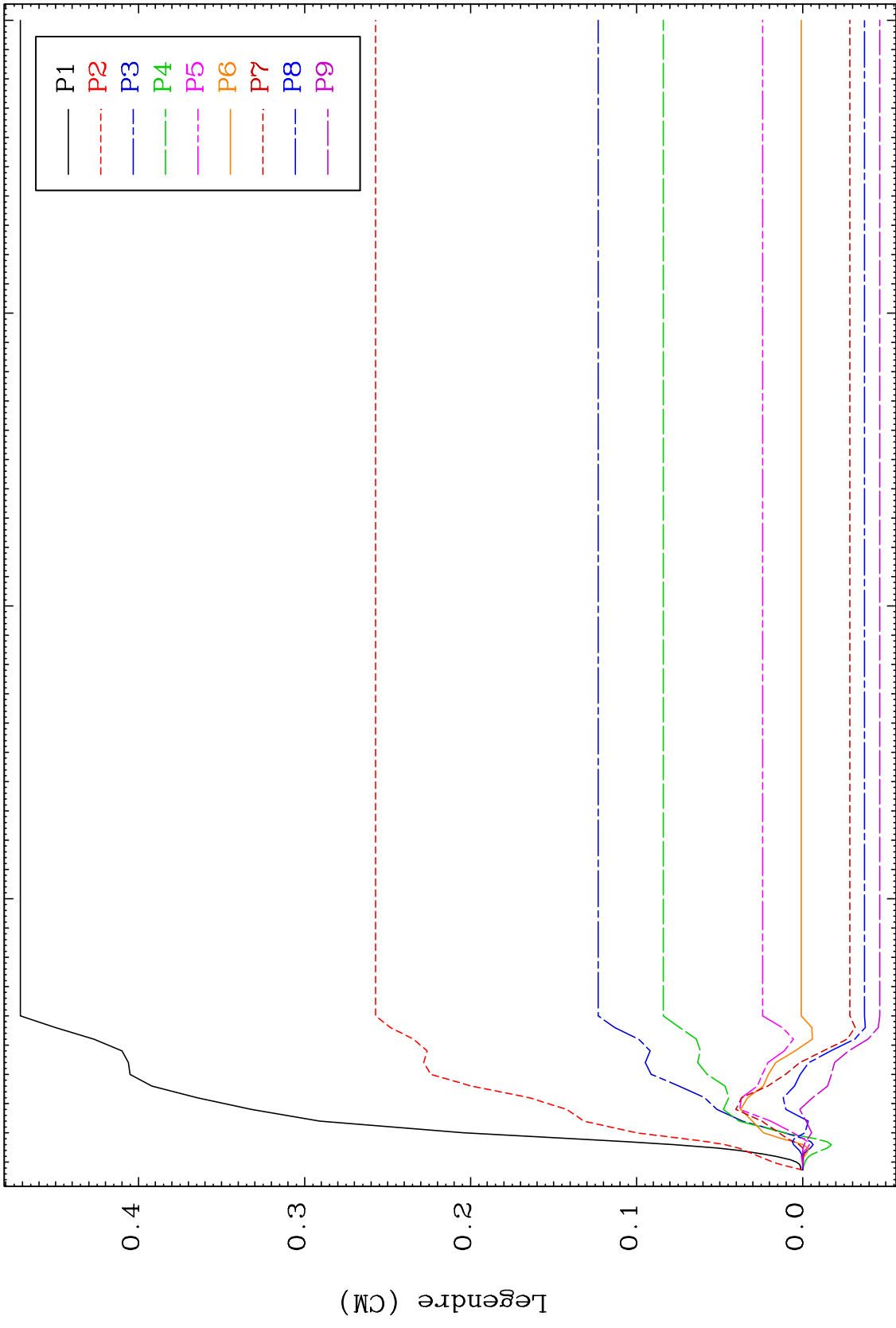


108

50-Sn-129



MAT 5076 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-129

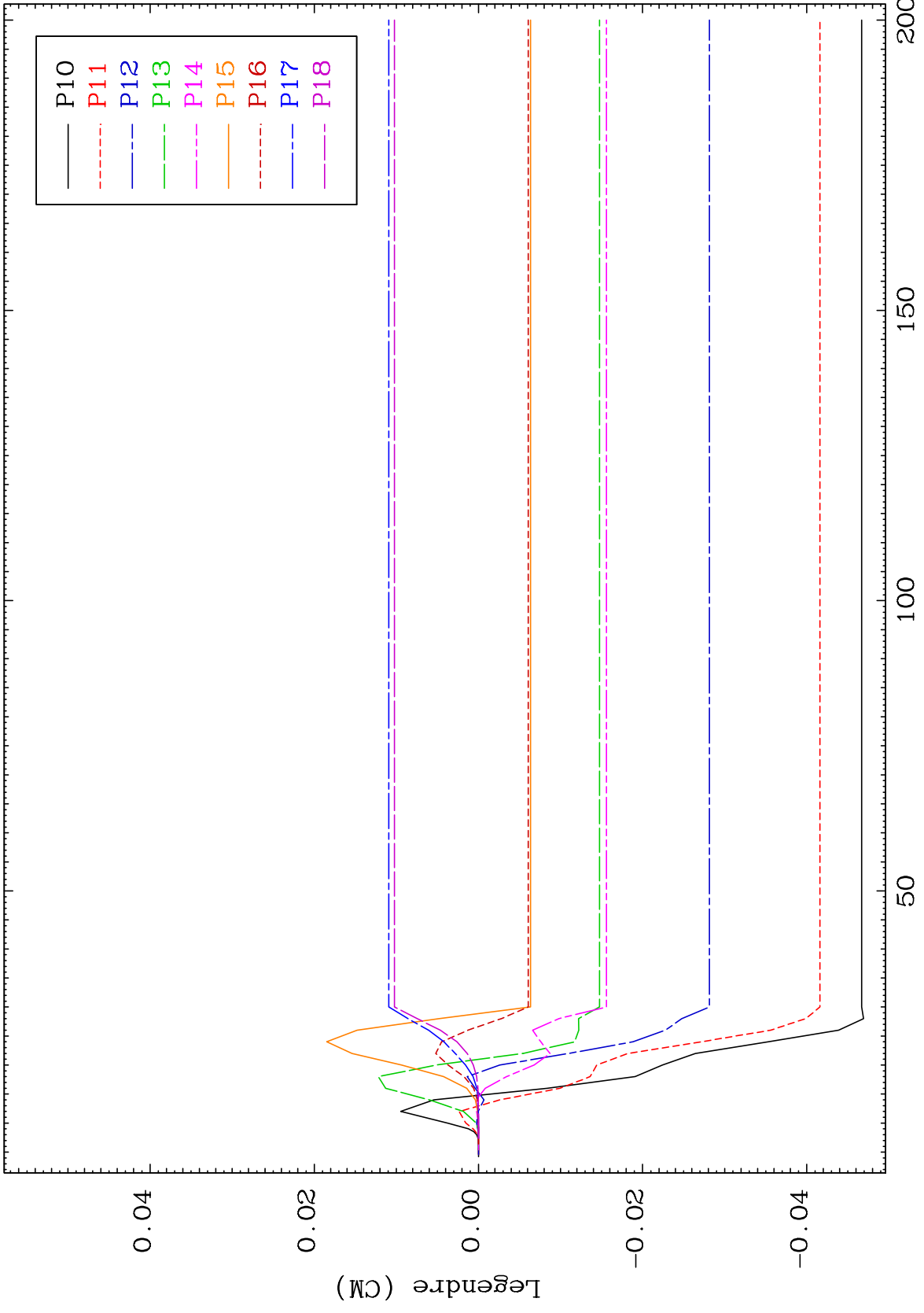


110 Incident Energy (MeV) 50-Sn-129

MAT 5076

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

50-Sn-129



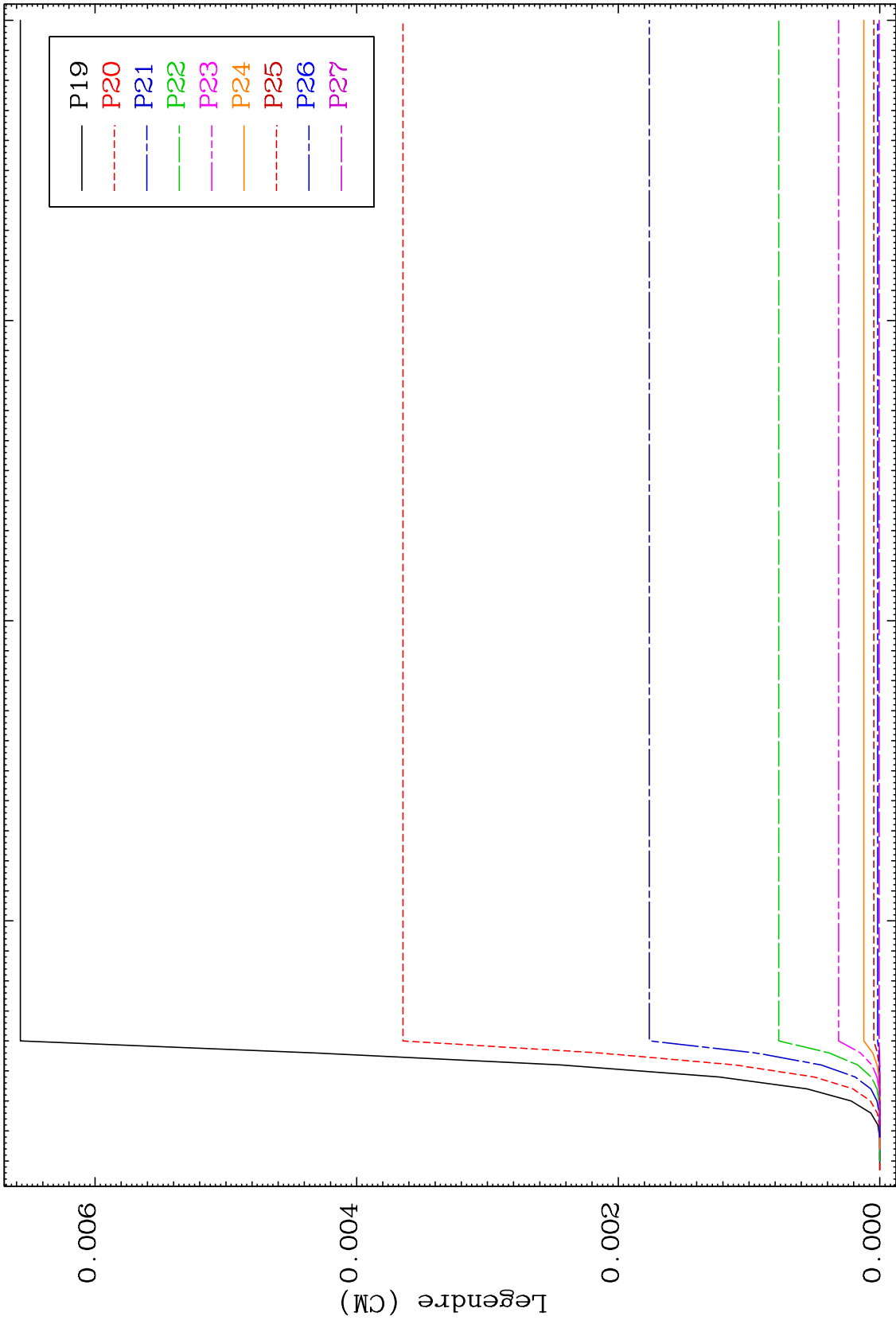
111

Incident Energy (MeV)

50-Sn-129



MAT 5076 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-129

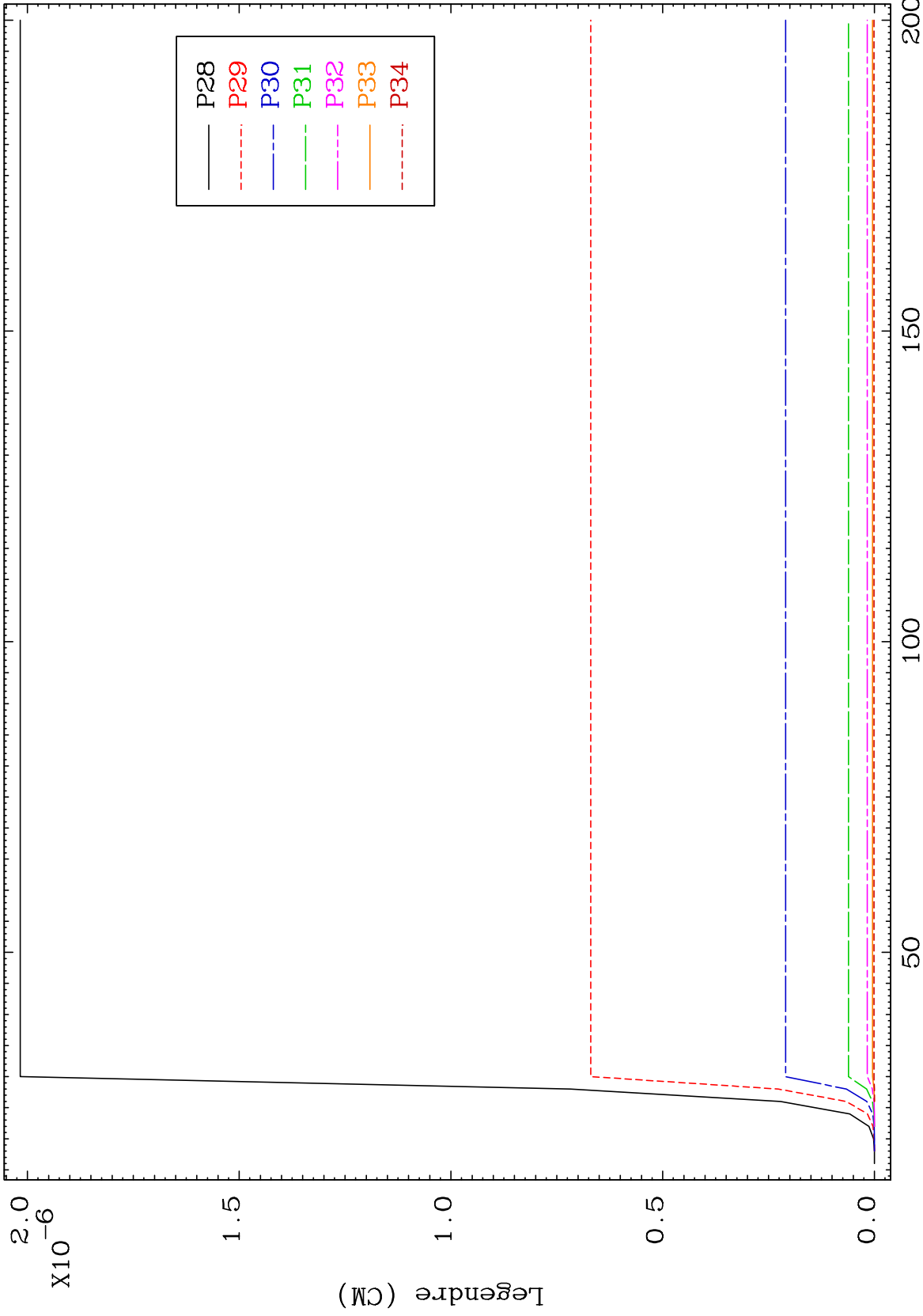


112 50-Sn-129

MAT 5076

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

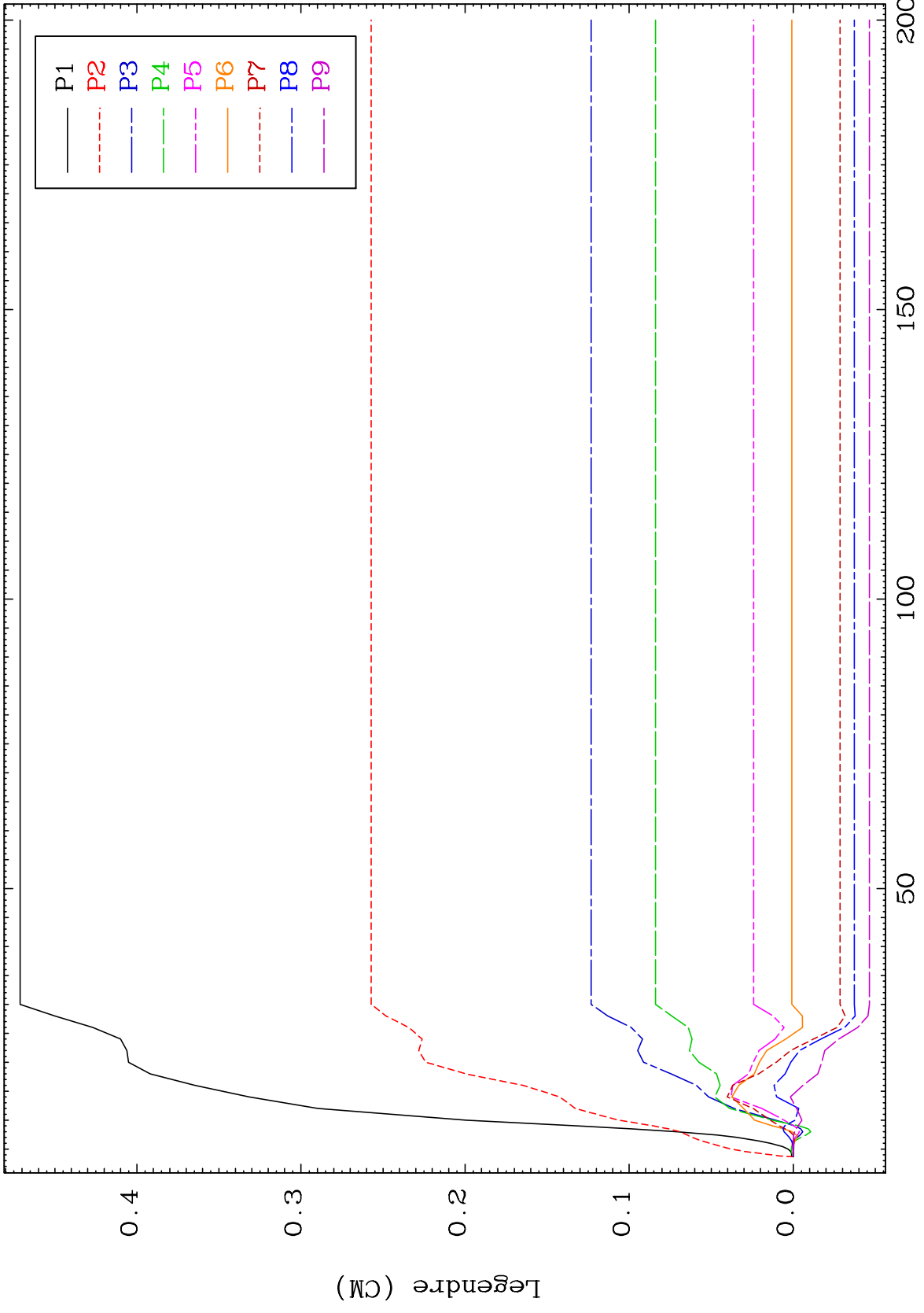
50-Sn-129



113

50-Sn-129

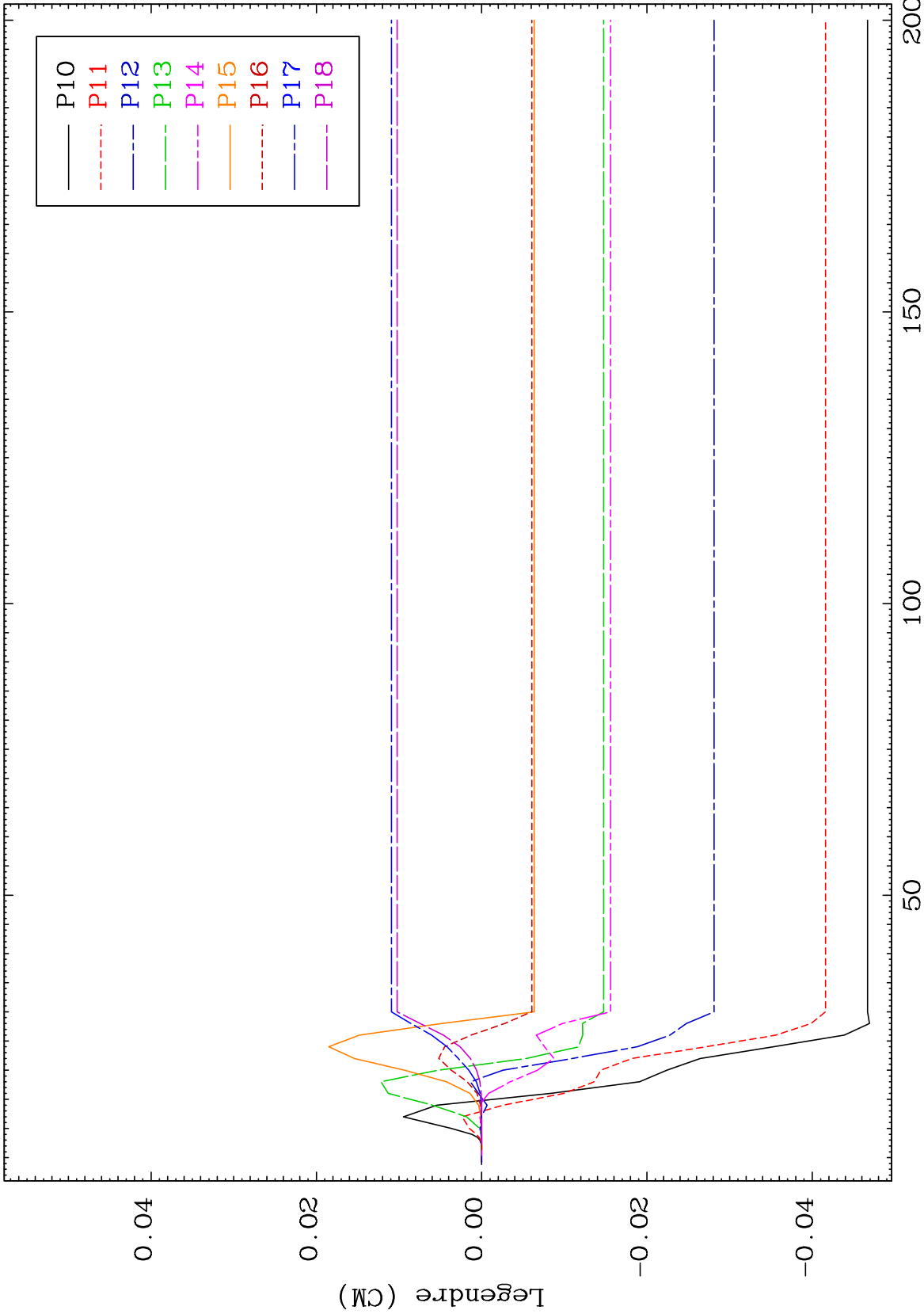
MAT 5076 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129

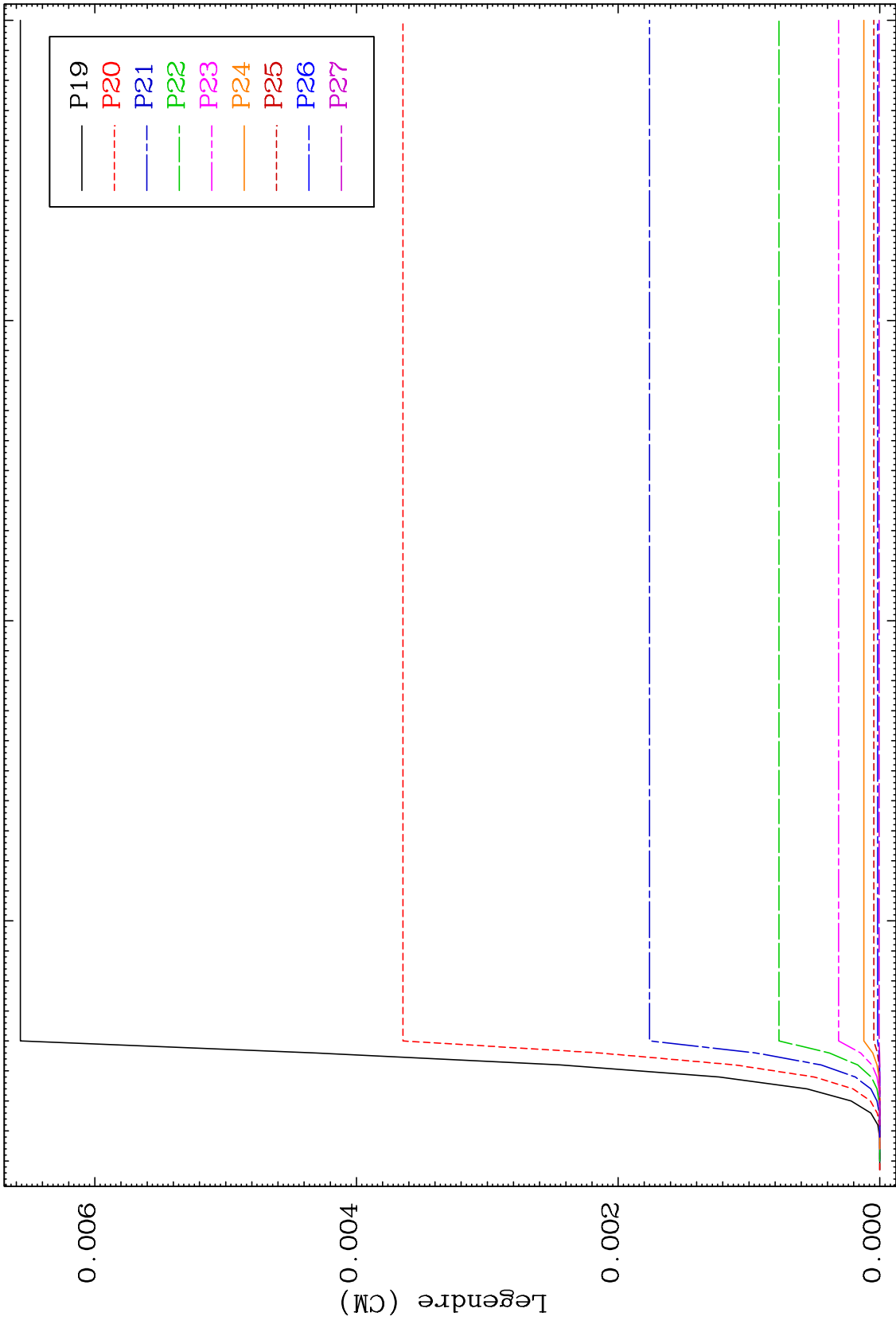


115

Incident Energy (MeV)

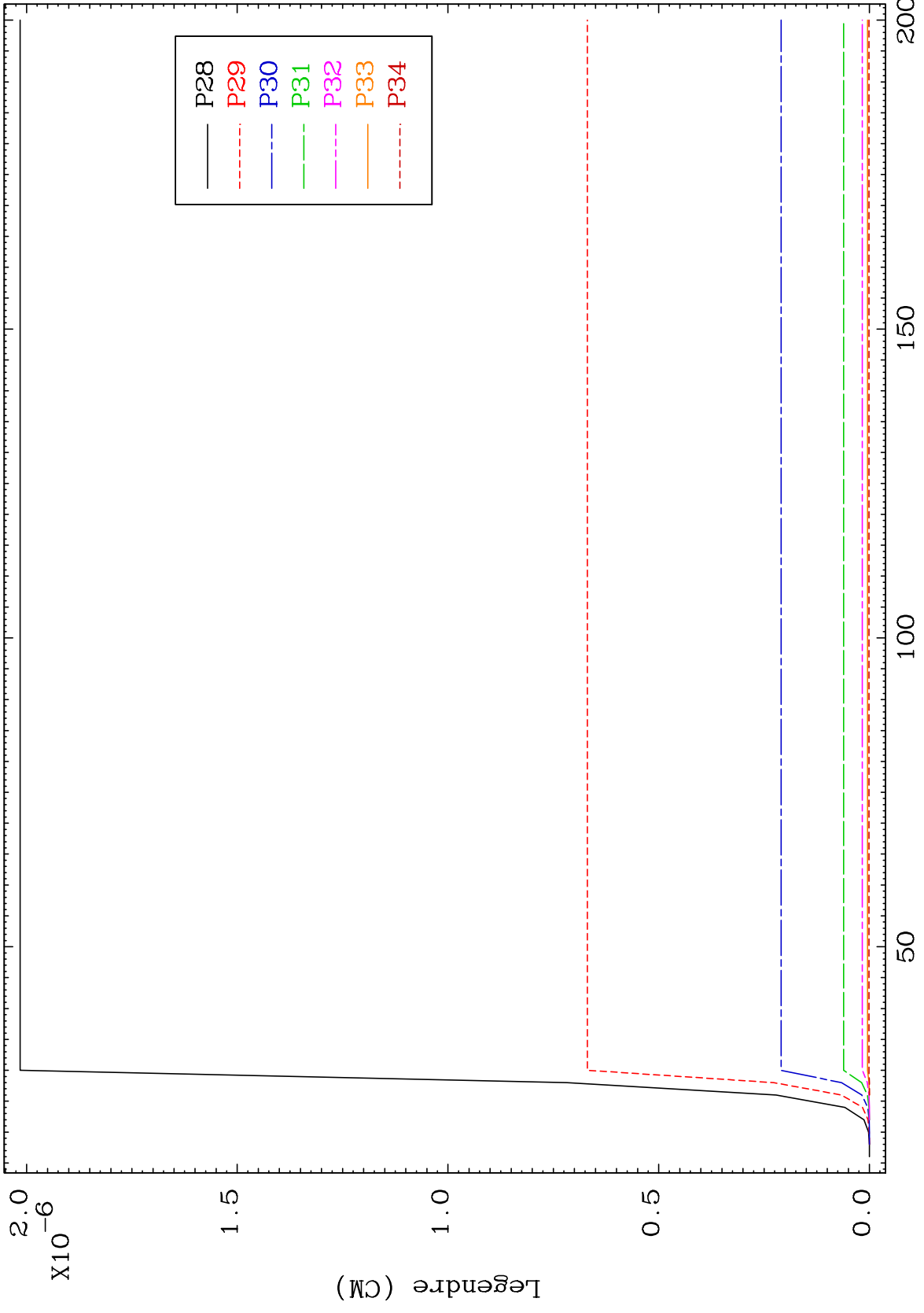
50-Sn-129

MAT 5076 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-129



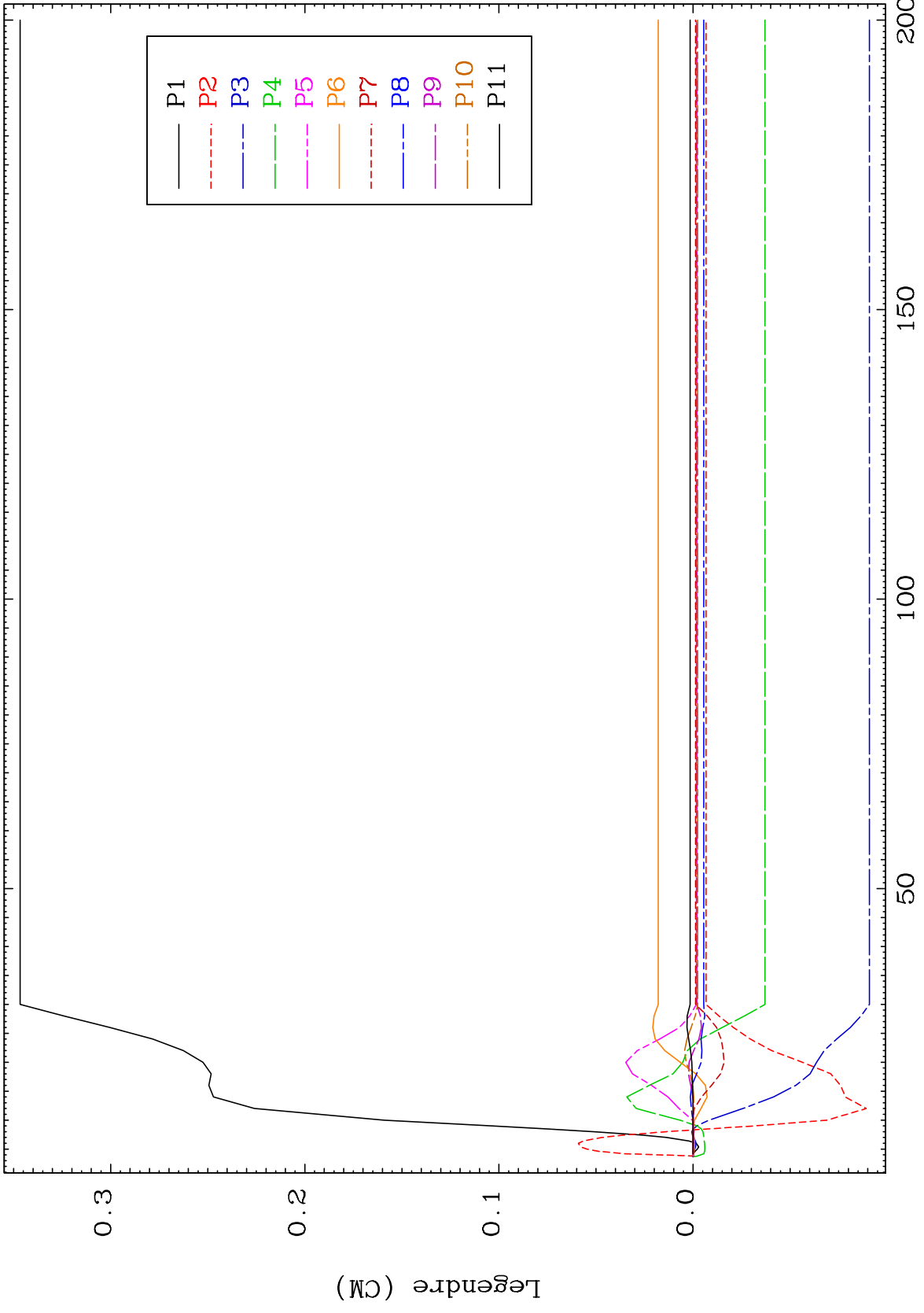
116 50-Sn-129

MAT 5076 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-129



117 50-Sn-129

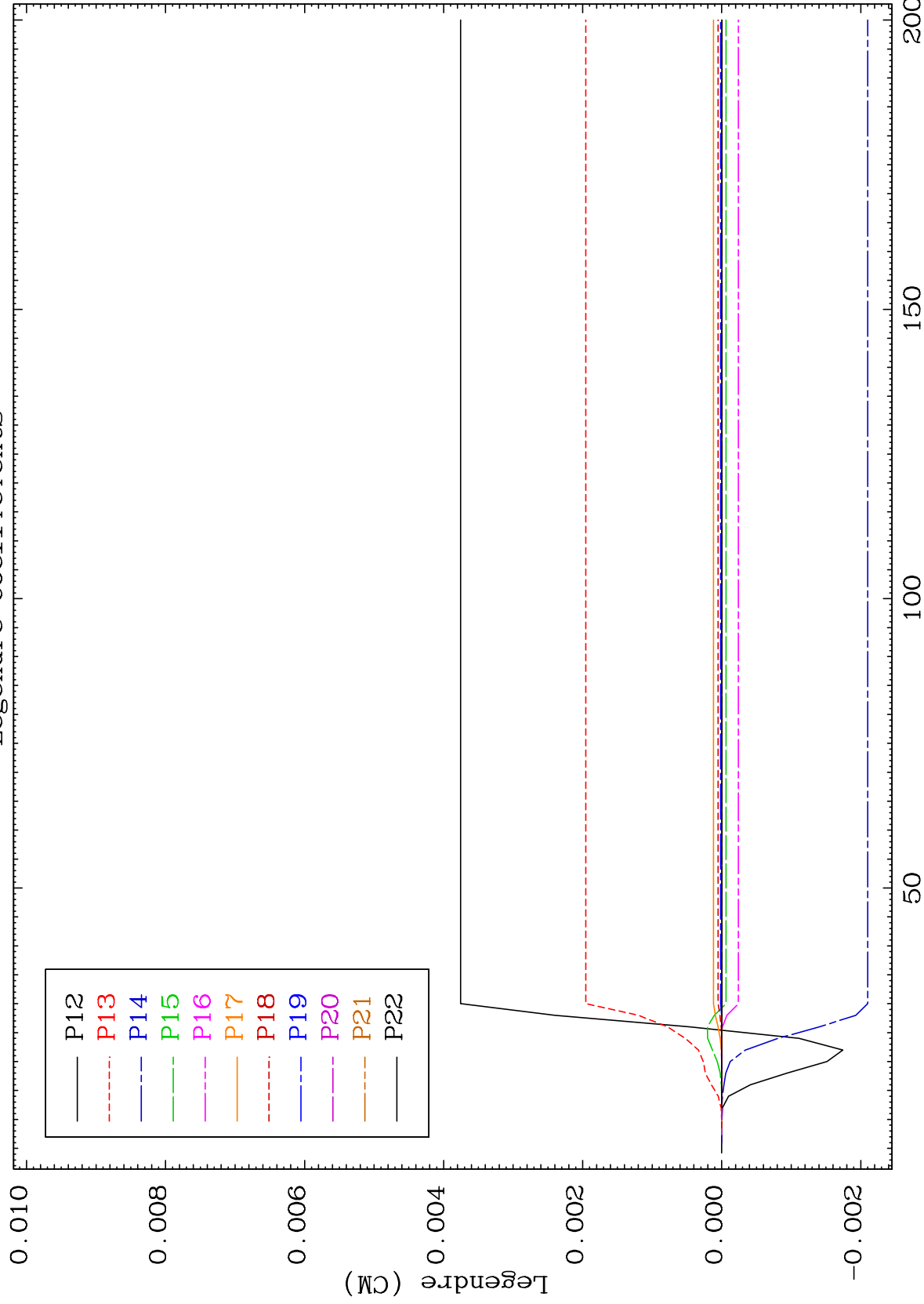
MAT 5076 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-129



MAT 5076

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

50-Sn-129



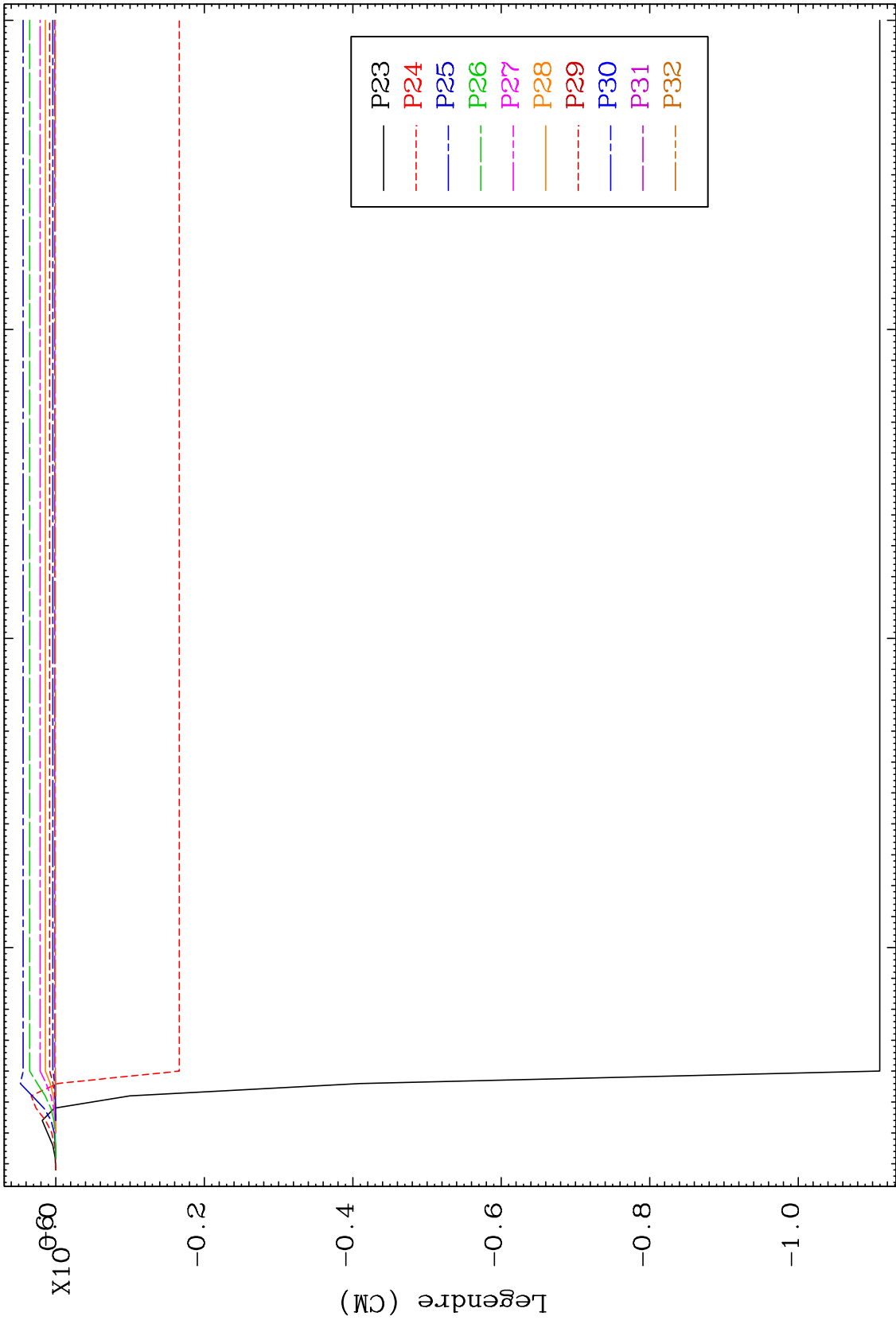
119

Incident Energy (MeV)

50-Sn-129

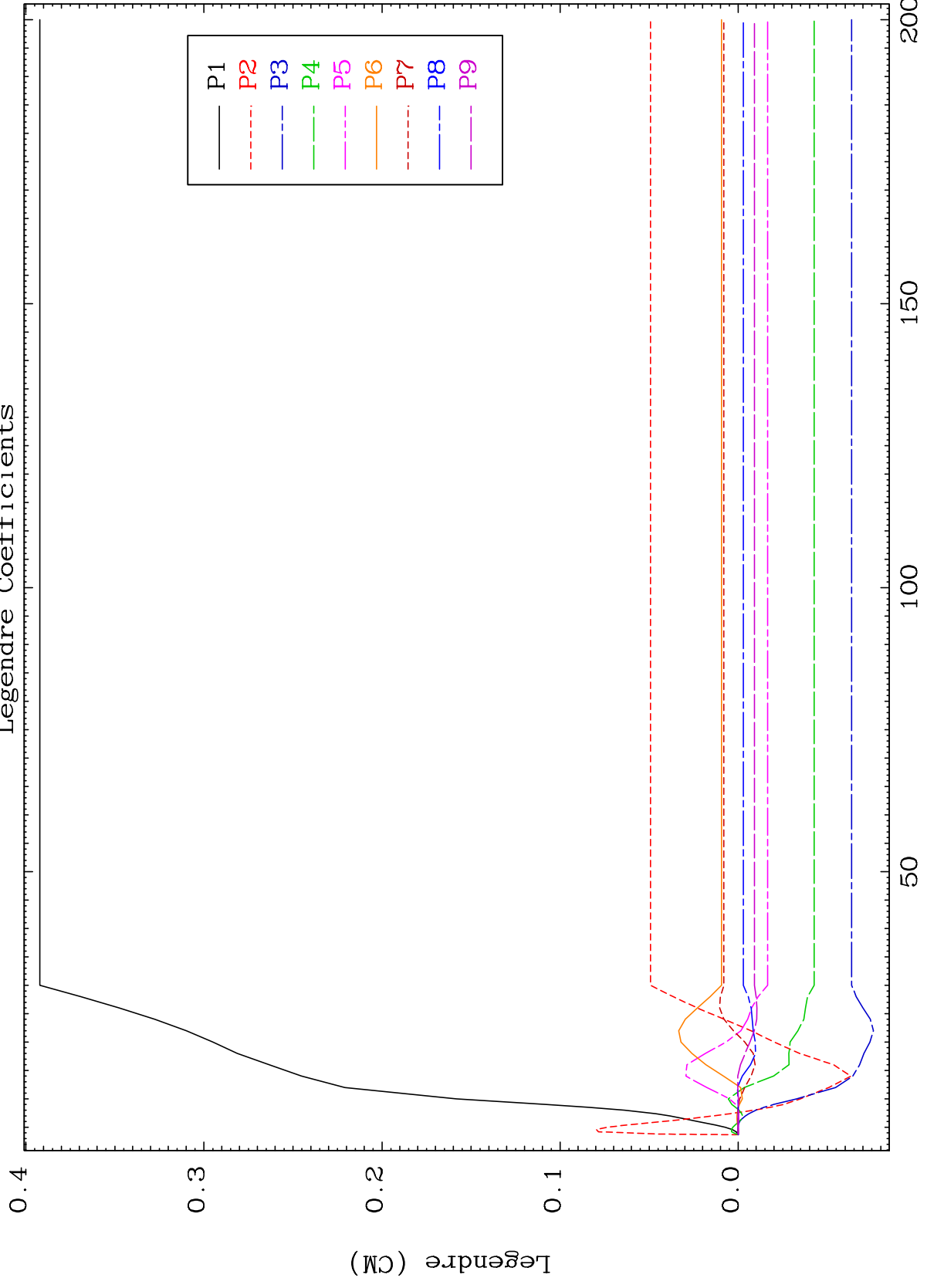


MAT 5076 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-129



120 50 100 150 200 Incident Energy (MeV) 50-Sn-129

MAT 5076 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-129

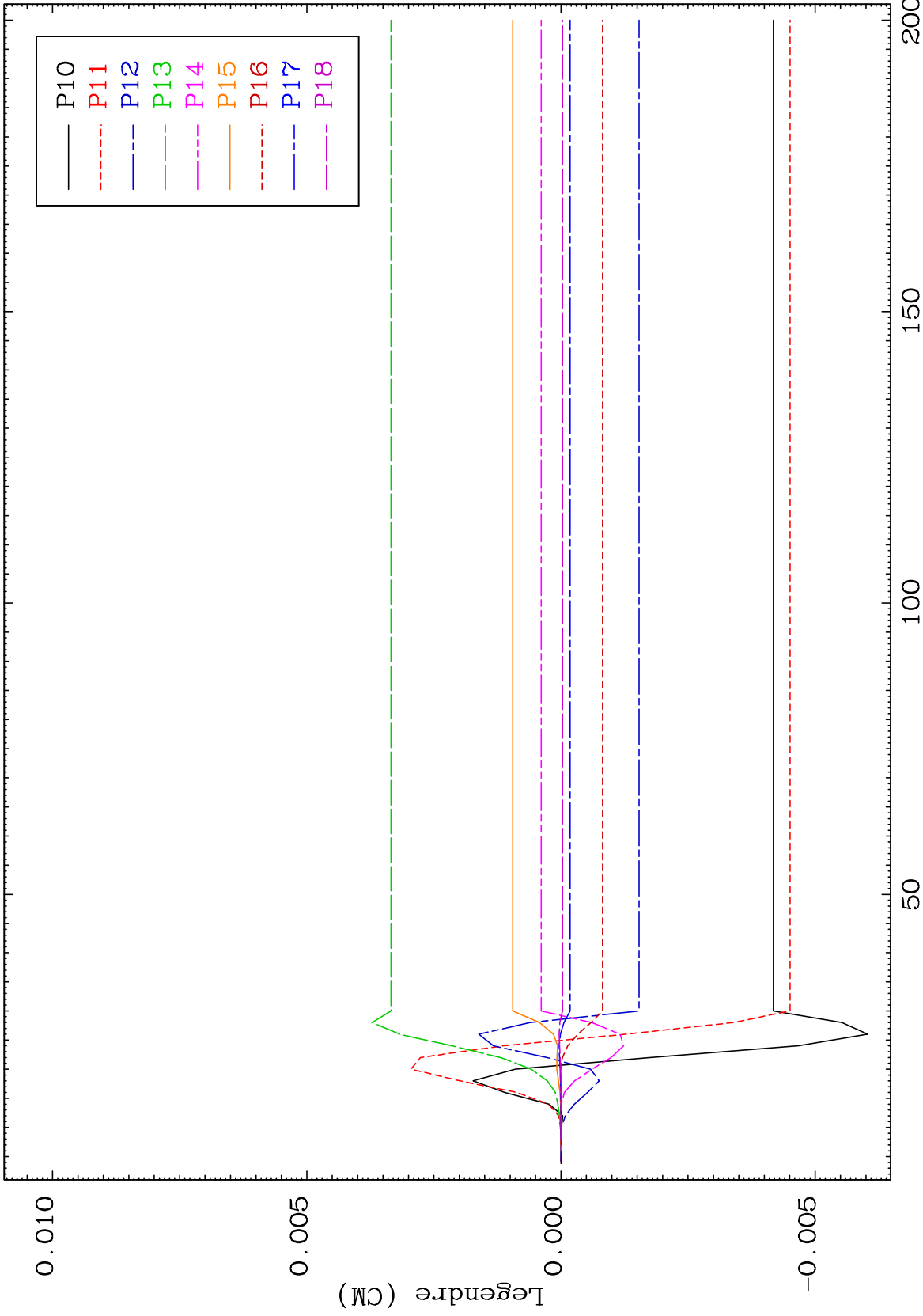


121 Incident Energy (MeV) 50-Sn-129

MAT 5076

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

50-Sn-129



122

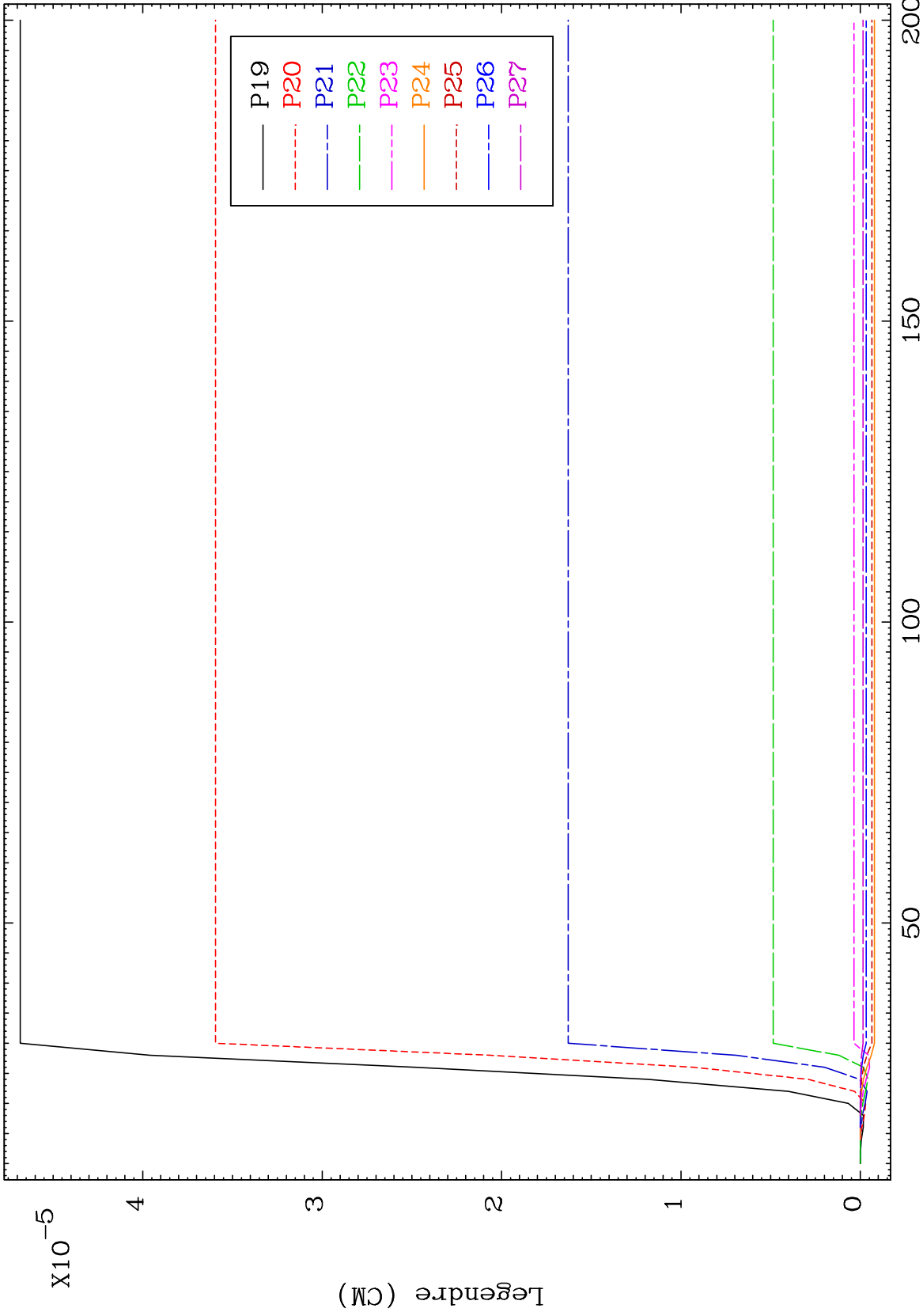
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

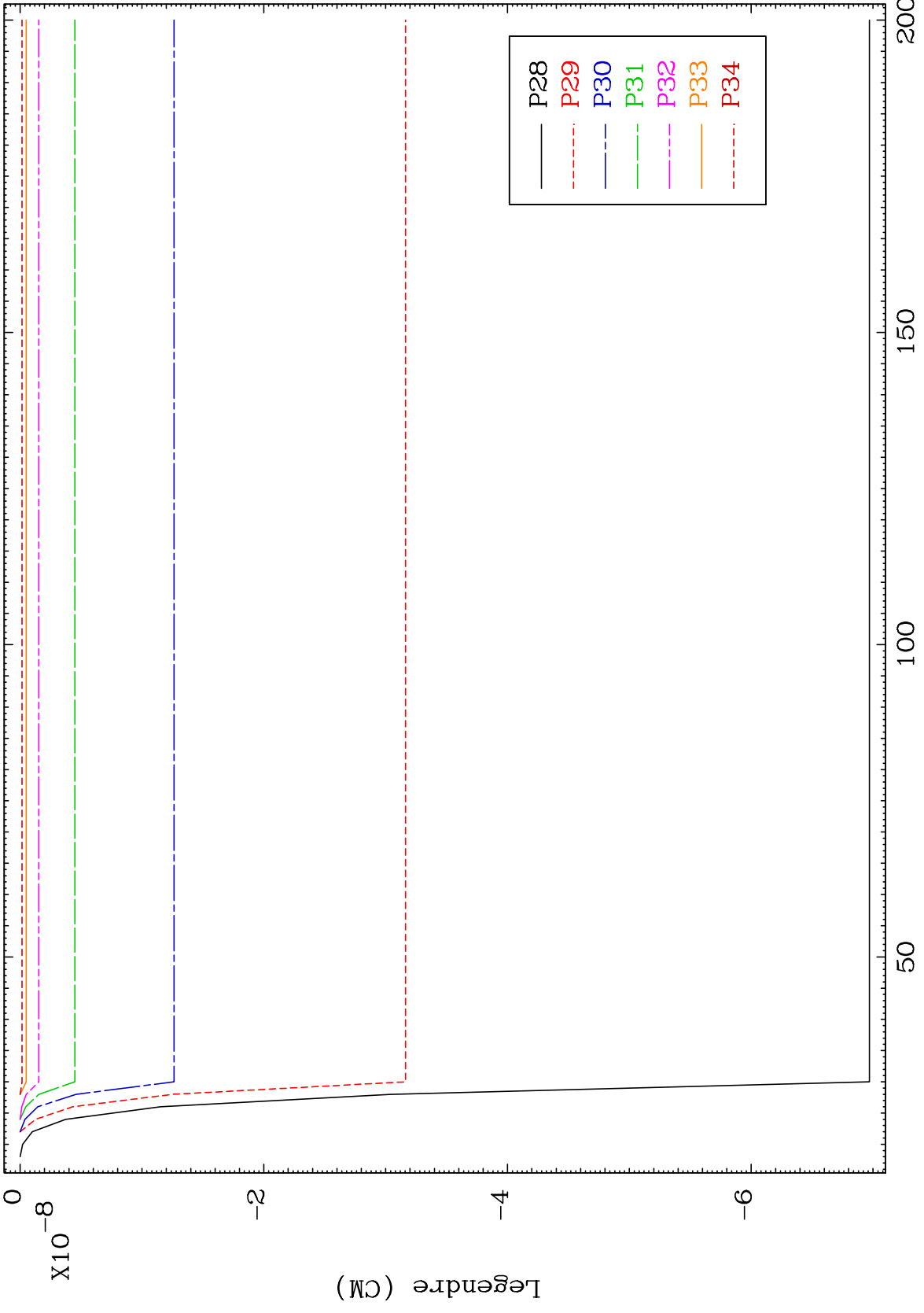
50-Sn-129



123

50-Sn-129

MAT 5076 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-129

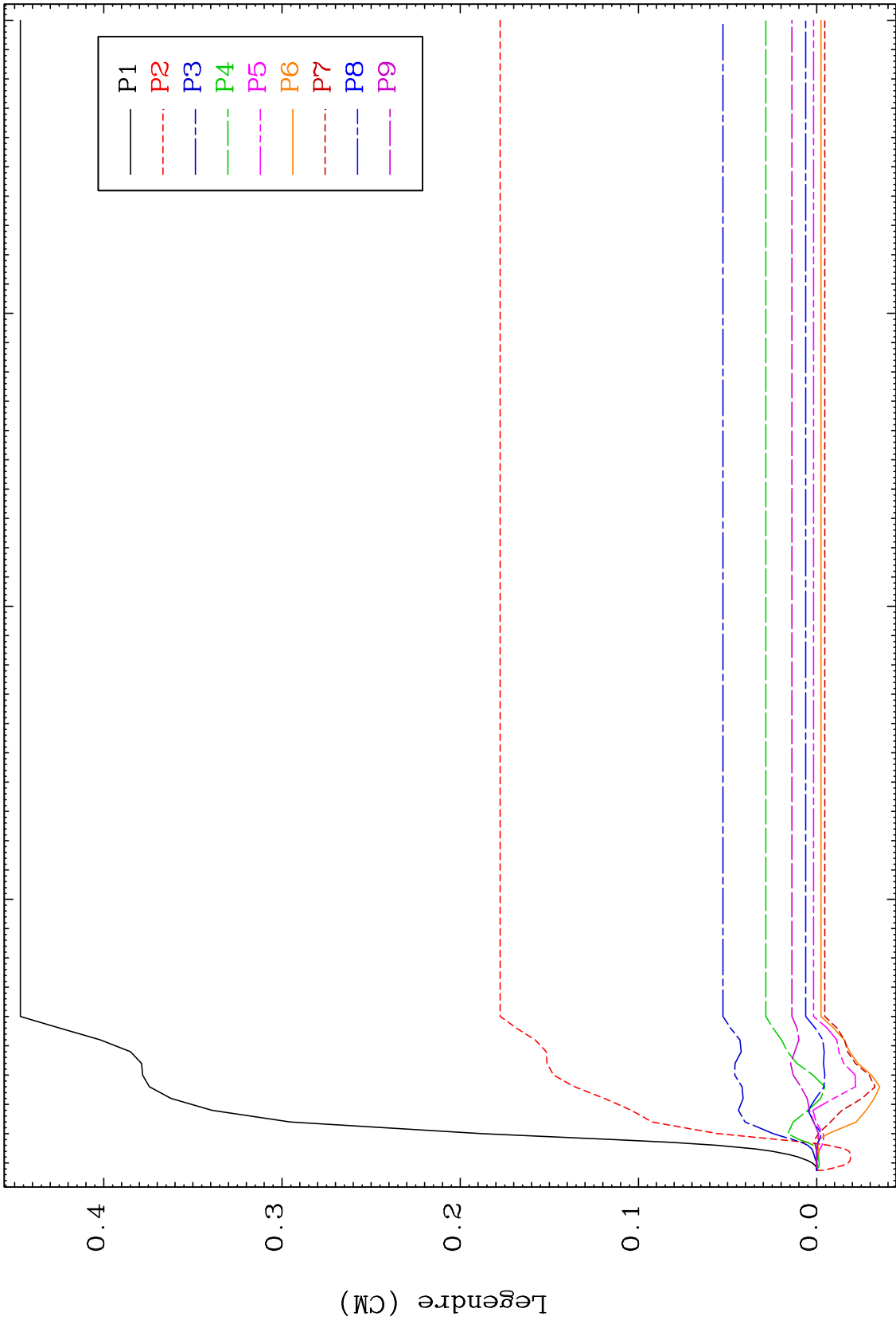


124 50-Sn-129

MAT 5076

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

50-Sn-129



125

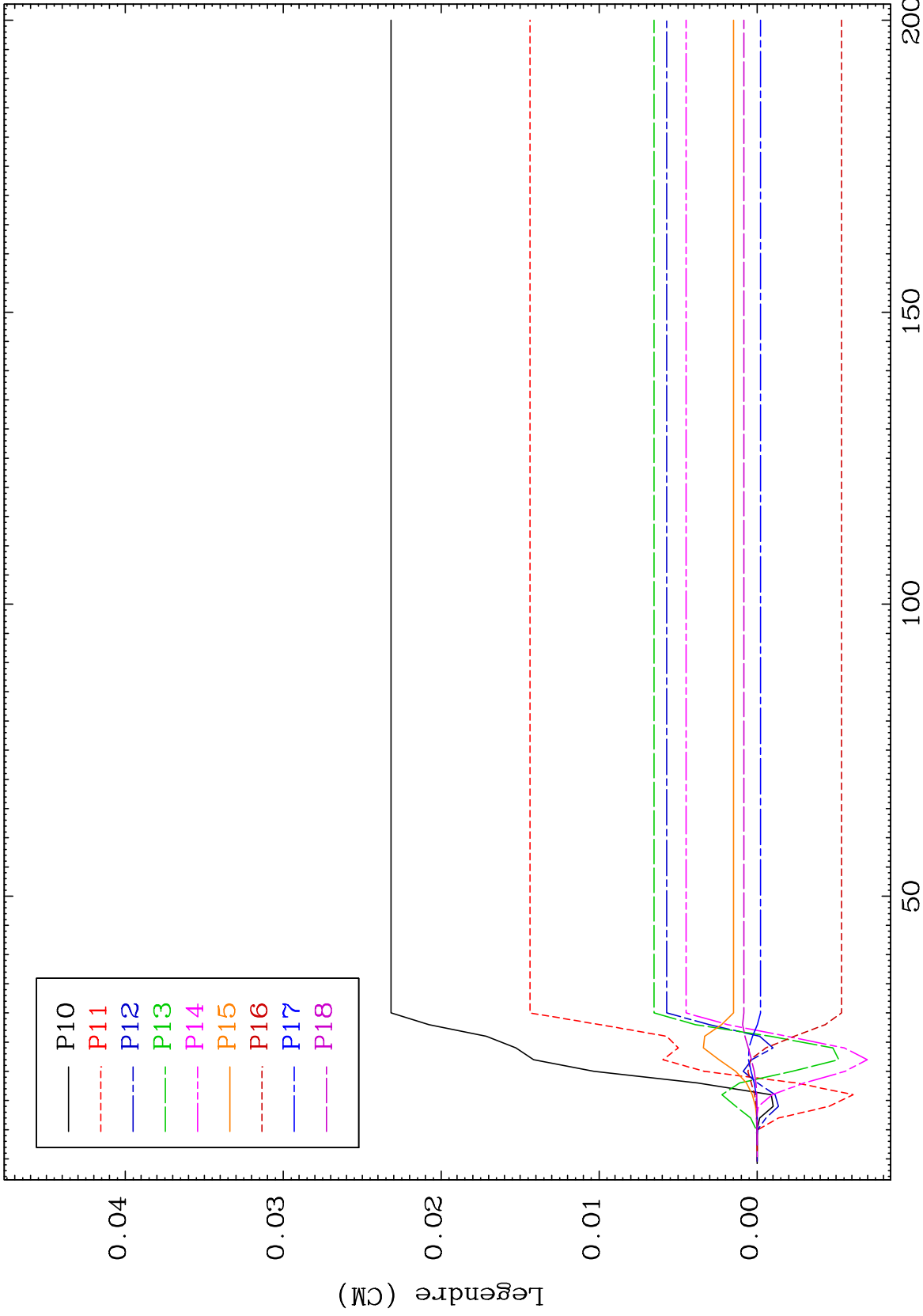
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



126

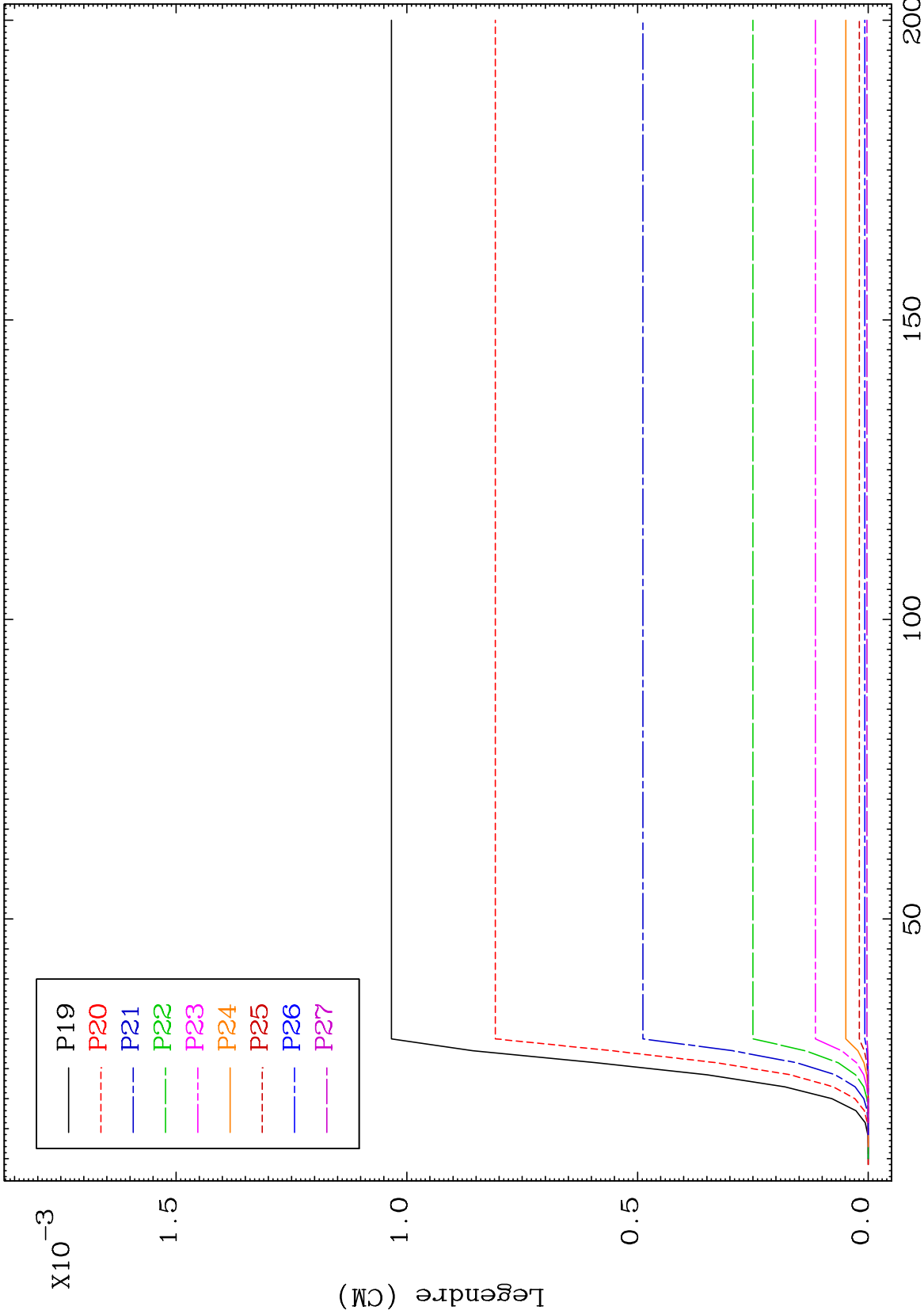
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

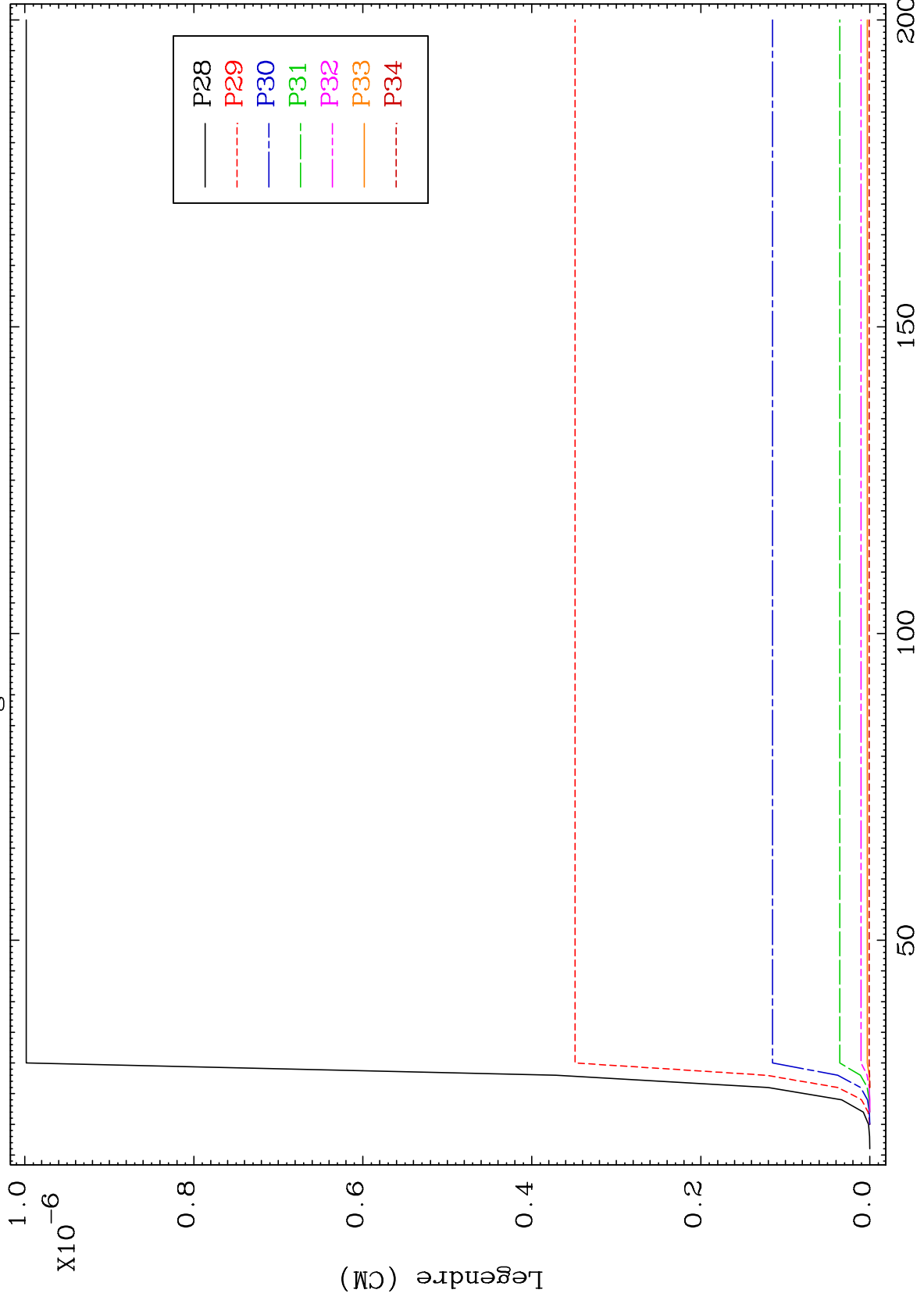


127

50-Sn-129

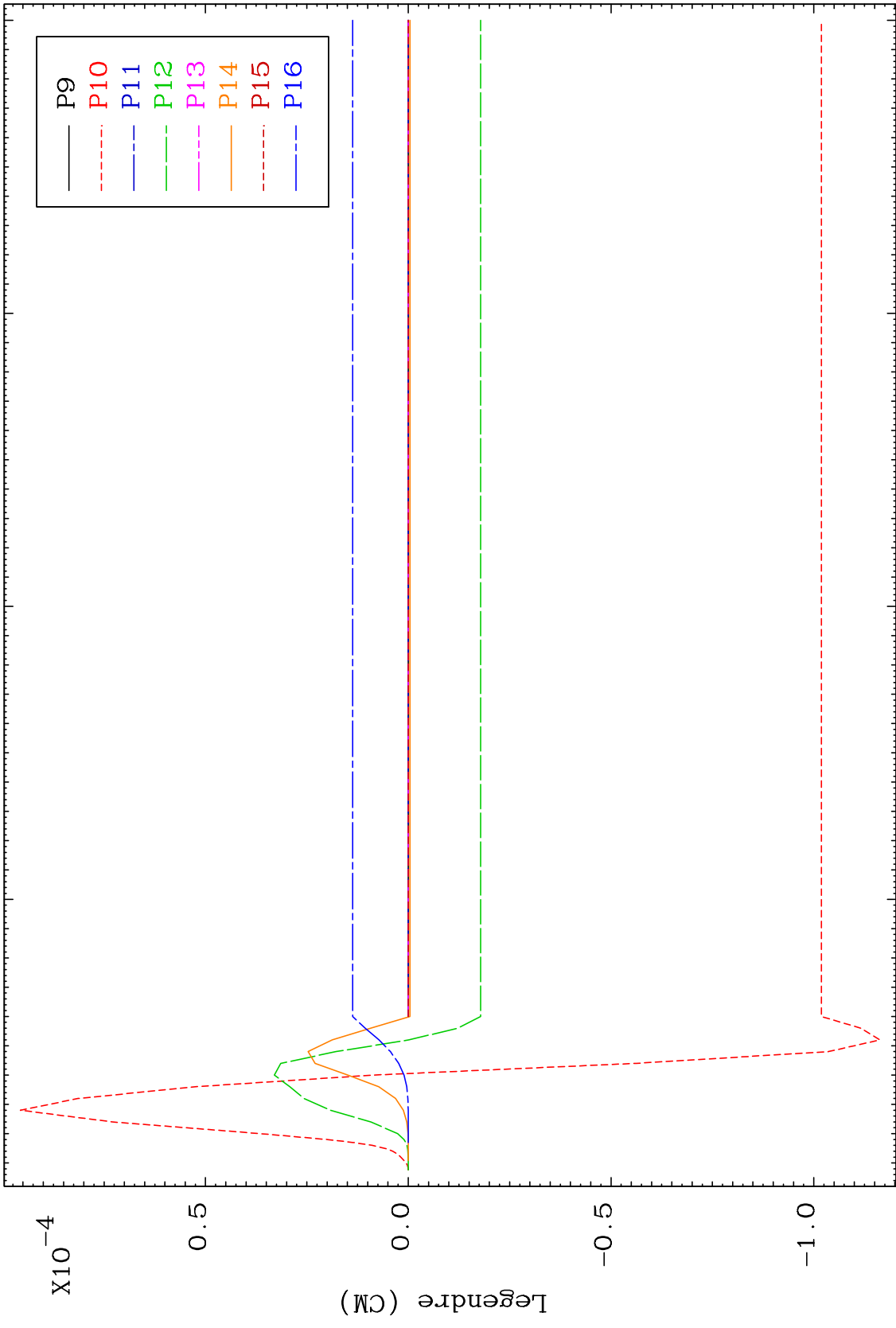


MAT 5076 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-129



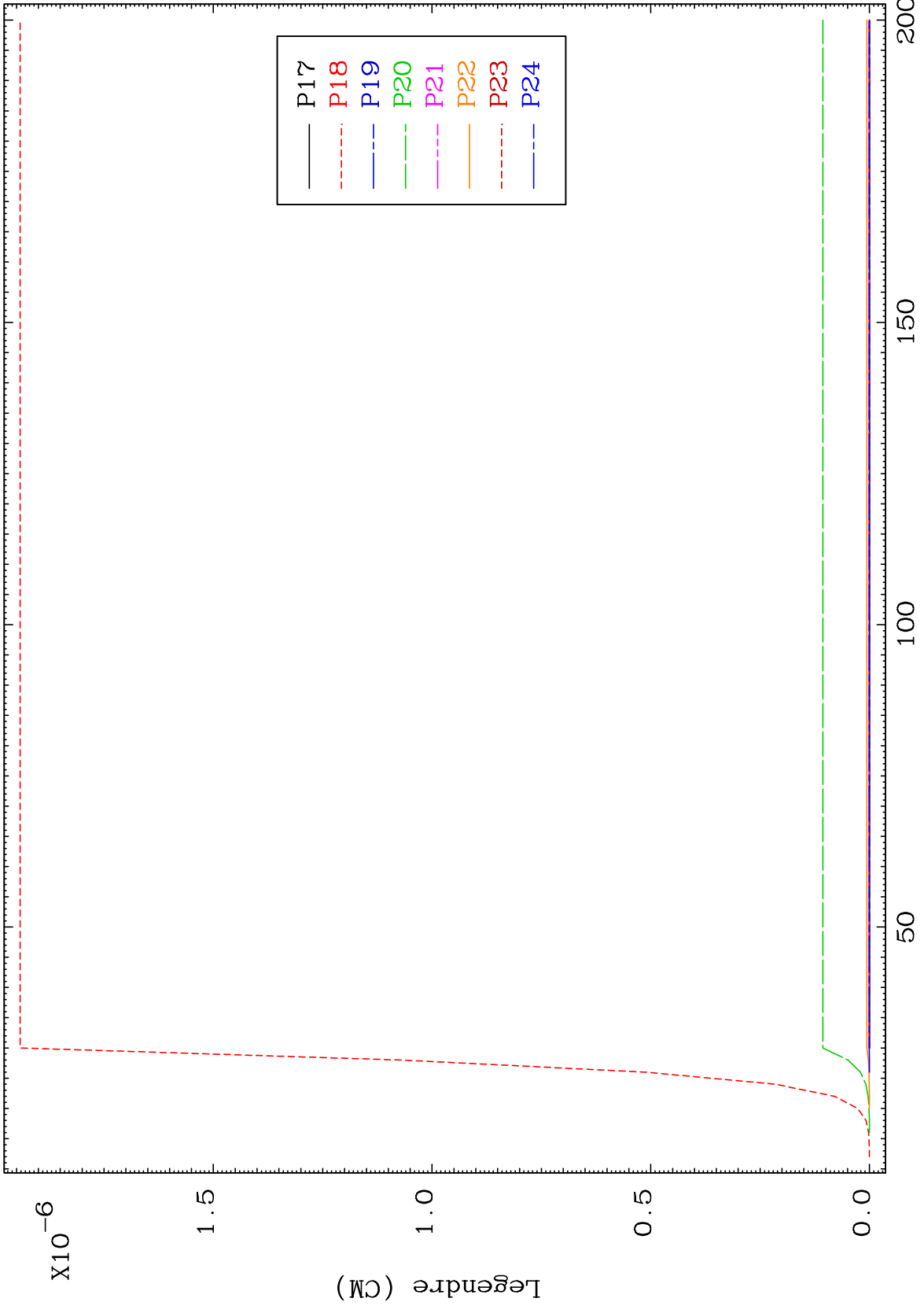


MAT 5076 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-129



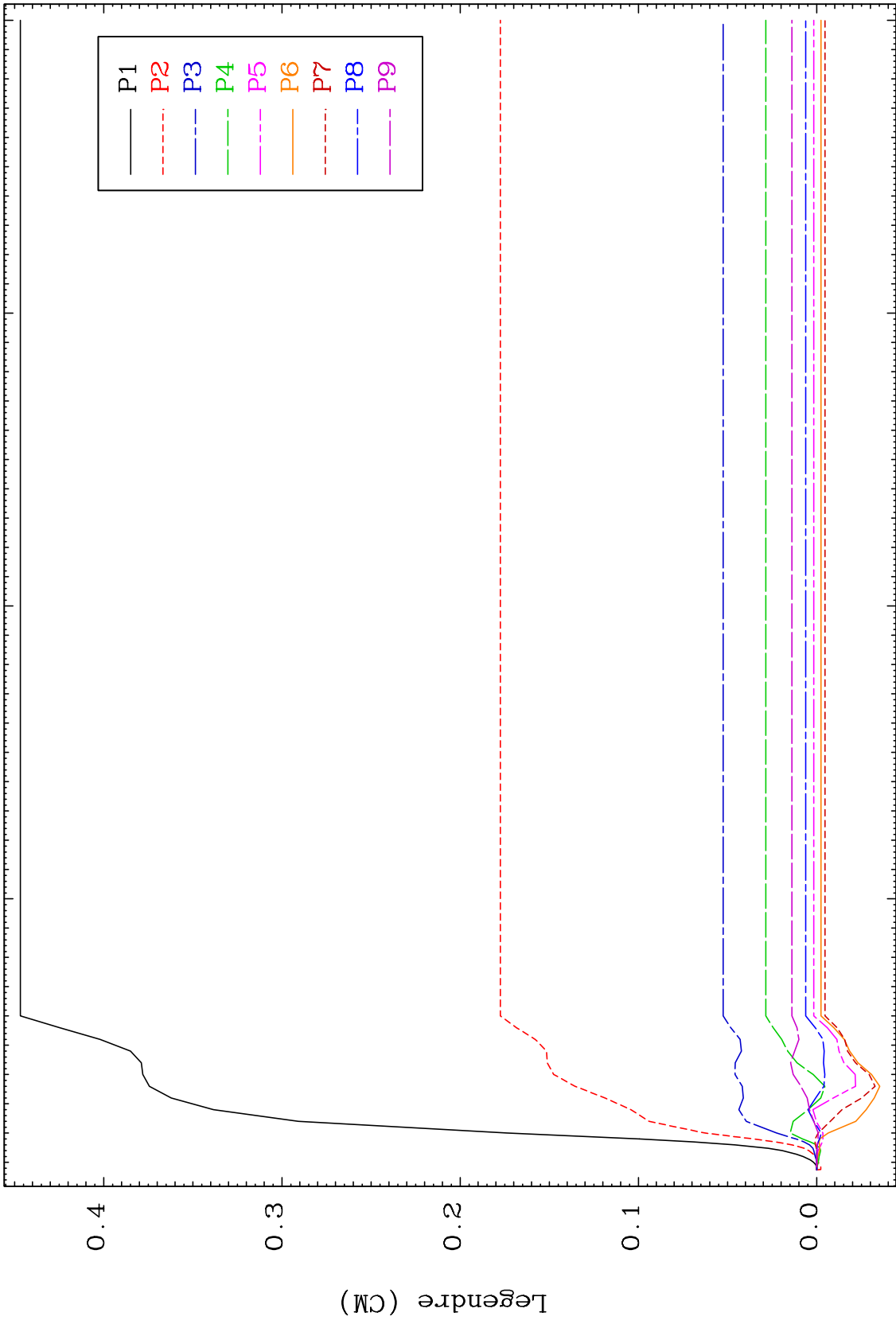
Legendre (CM) X10<sup>-4</sup> Incident Energy (MeV) 50-Sn-129

MAT 5076 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-129



131 Incident Energy (MeV) 50-Sn-129

MAT 5076 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-129

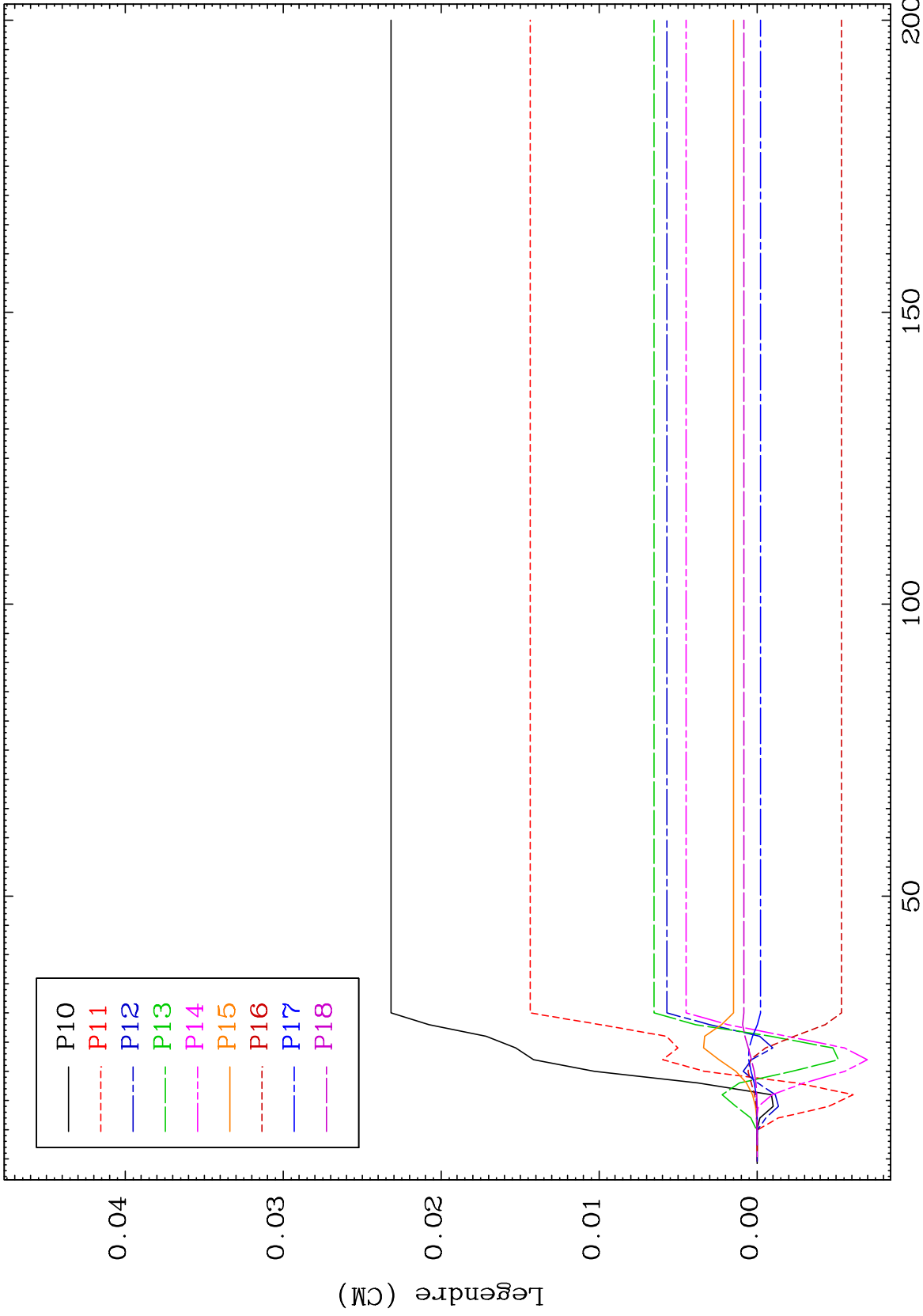


132 Incident Energy (MeV) 50-Sn-129

MAT 5076

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

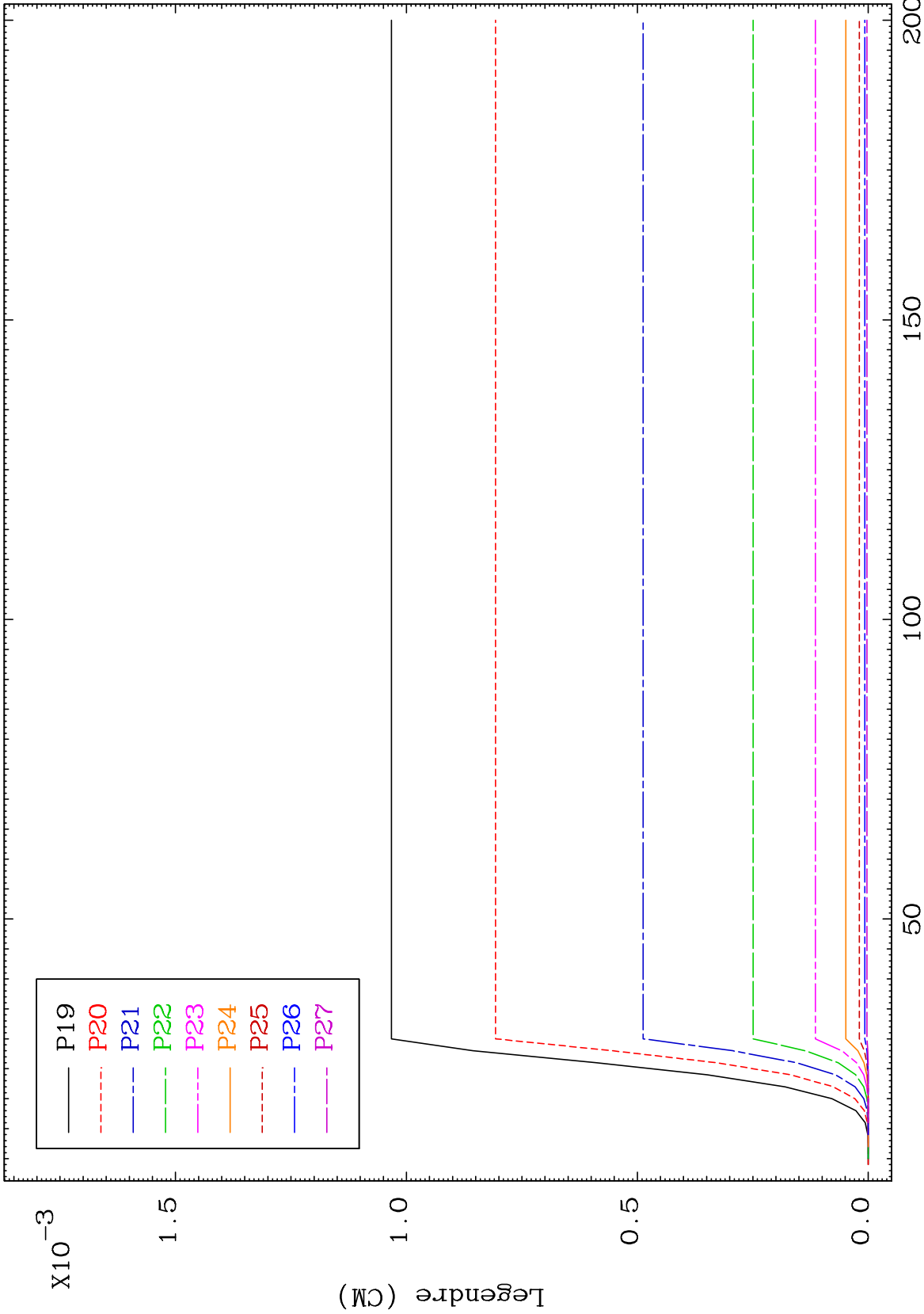
50-Sn-129



MAT 5076

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

50-Sn-129

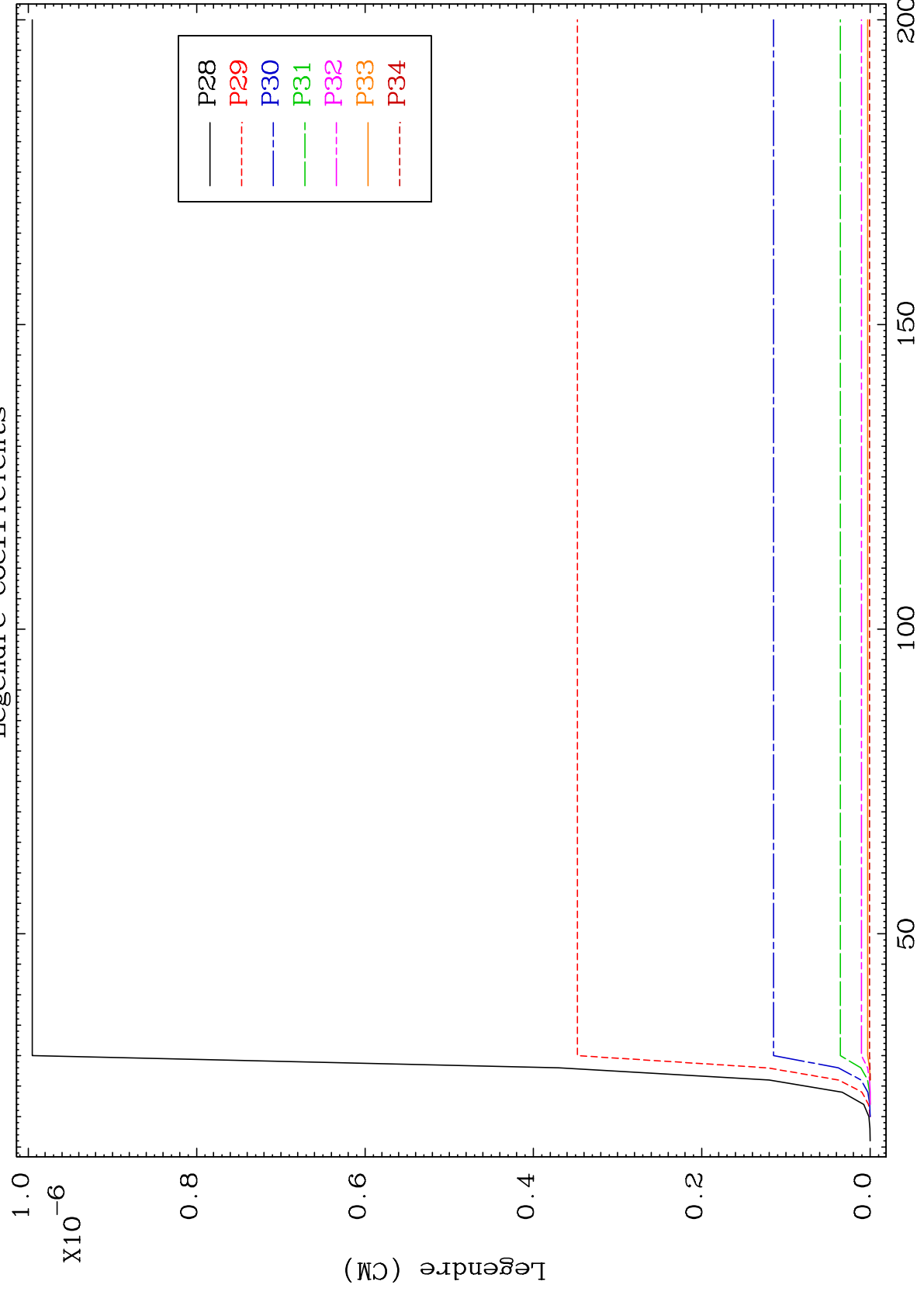


134

Incident Energy (MeV)

50-Sn-129

MAT 5076 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-129



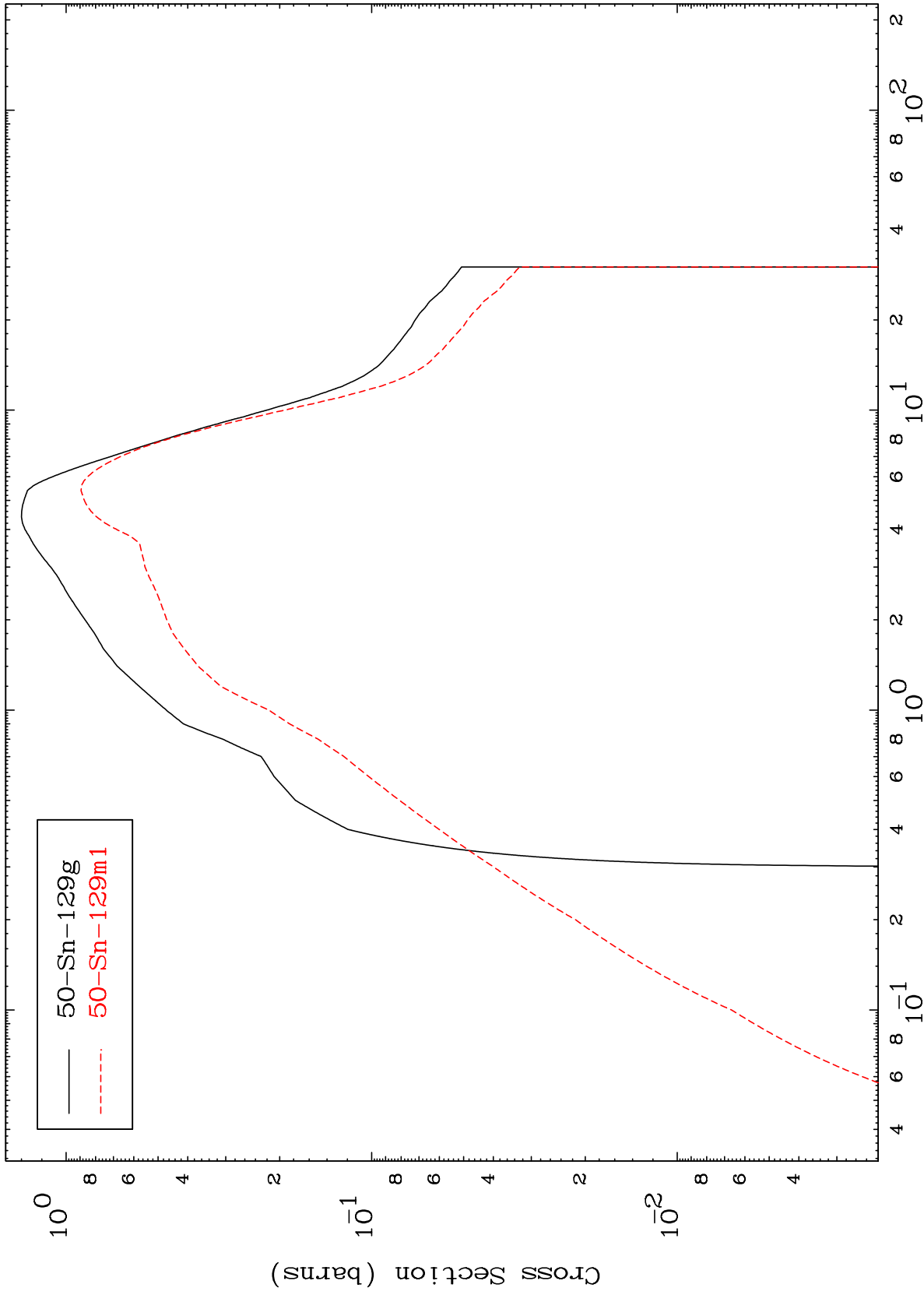
135 50-Sn-129



MAT 5076

Inelastic  
Radionuclide Production Cross Section

50-Sn-129



— 50-Sn-129g  
- - - 50-Sn-129m1

136

Incident Energy (MeV)

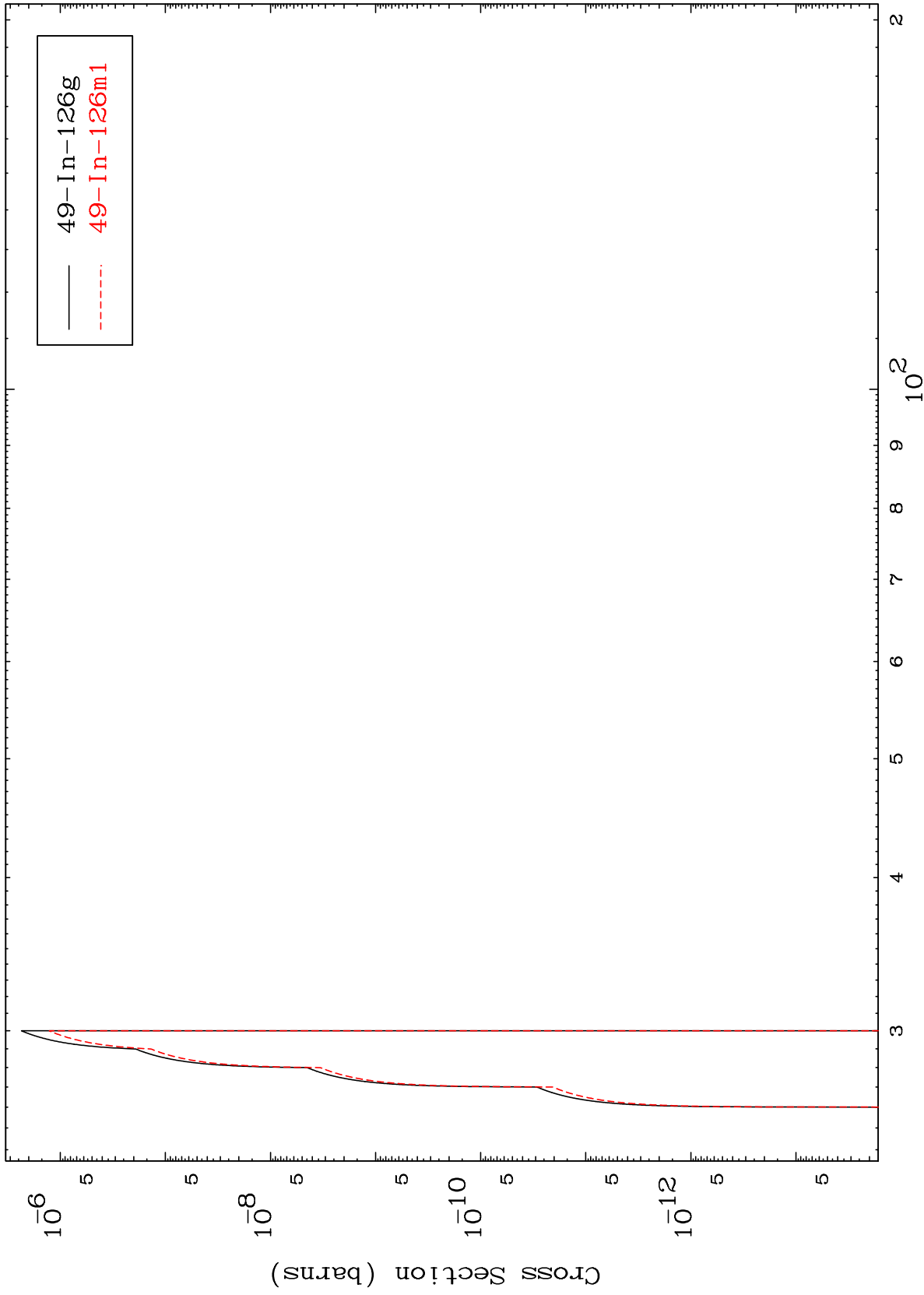
50-Sn-129

MAT 5076

(n,2n) d

50-Sn-129

Radionuclide Production Cross Section



137

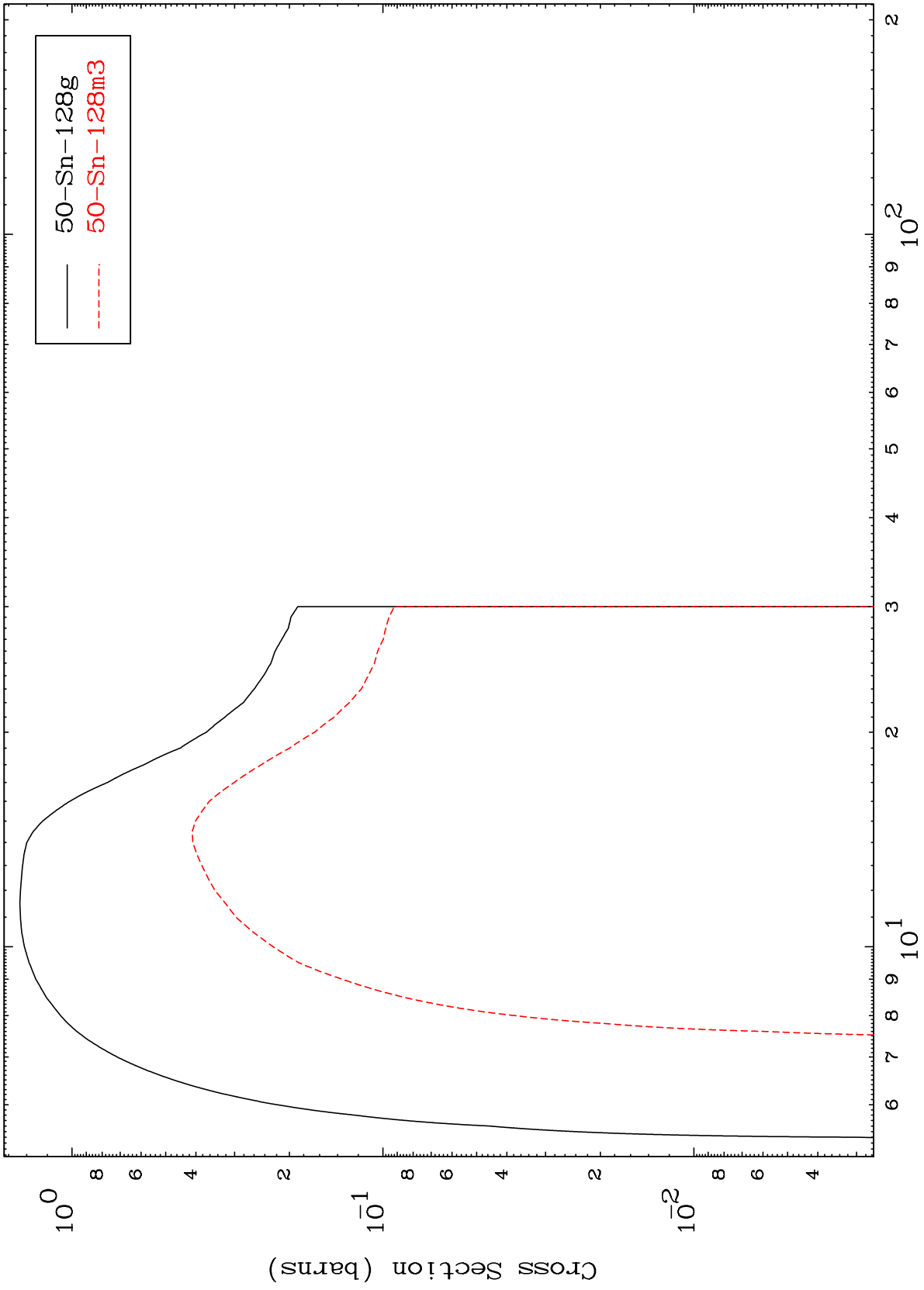
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,2n)  
Radionuclide Production Cross Section



138

Incident Energy (MeV)

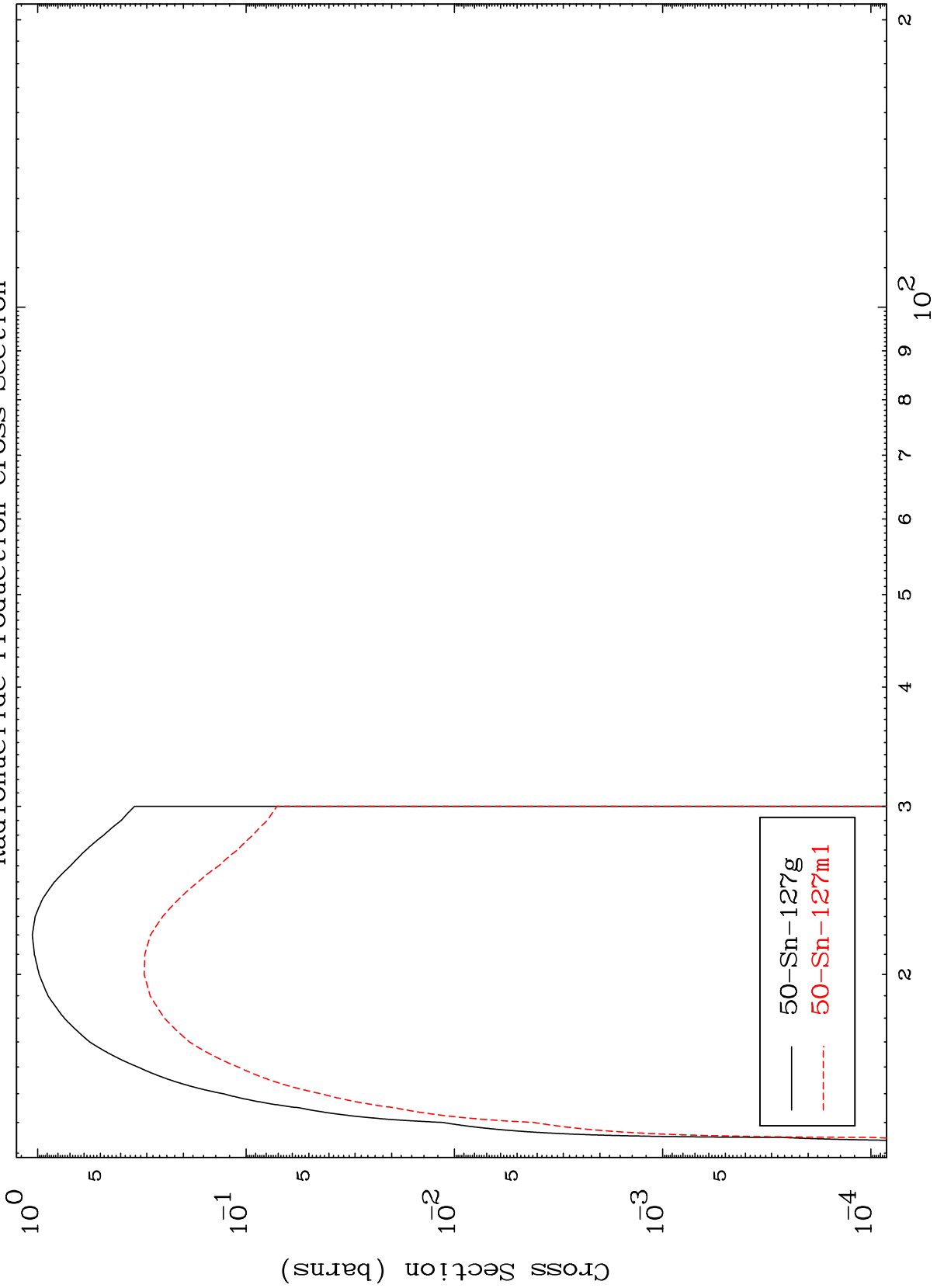
50-Sn-129

MAT 5076

(n,3n)

50-Sn-129

Radionuclide Production Cross Section



139

Incident Energy (MeV)

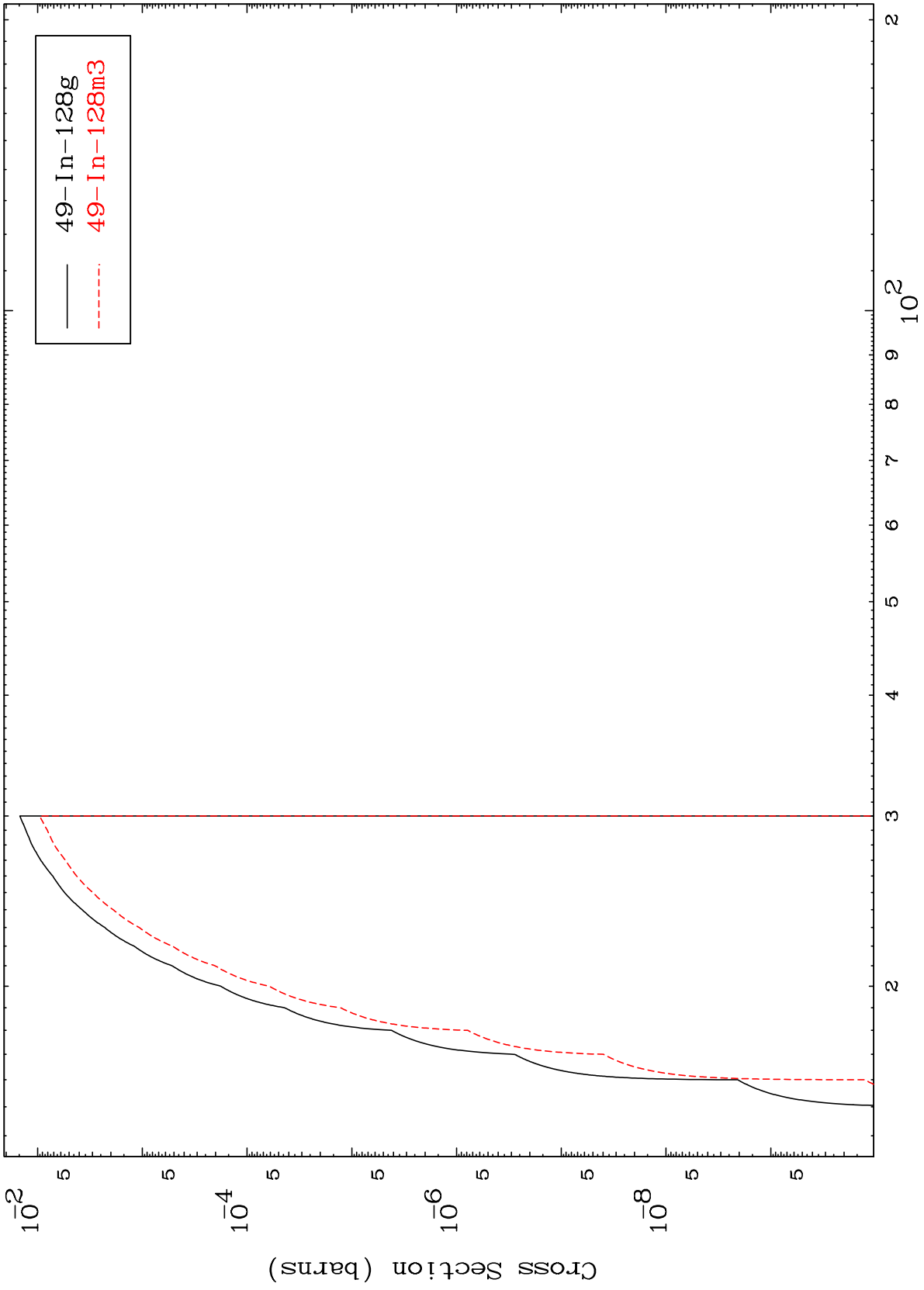
50-Sn-129

MAT 5076

(n,n') p

50-Sn-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

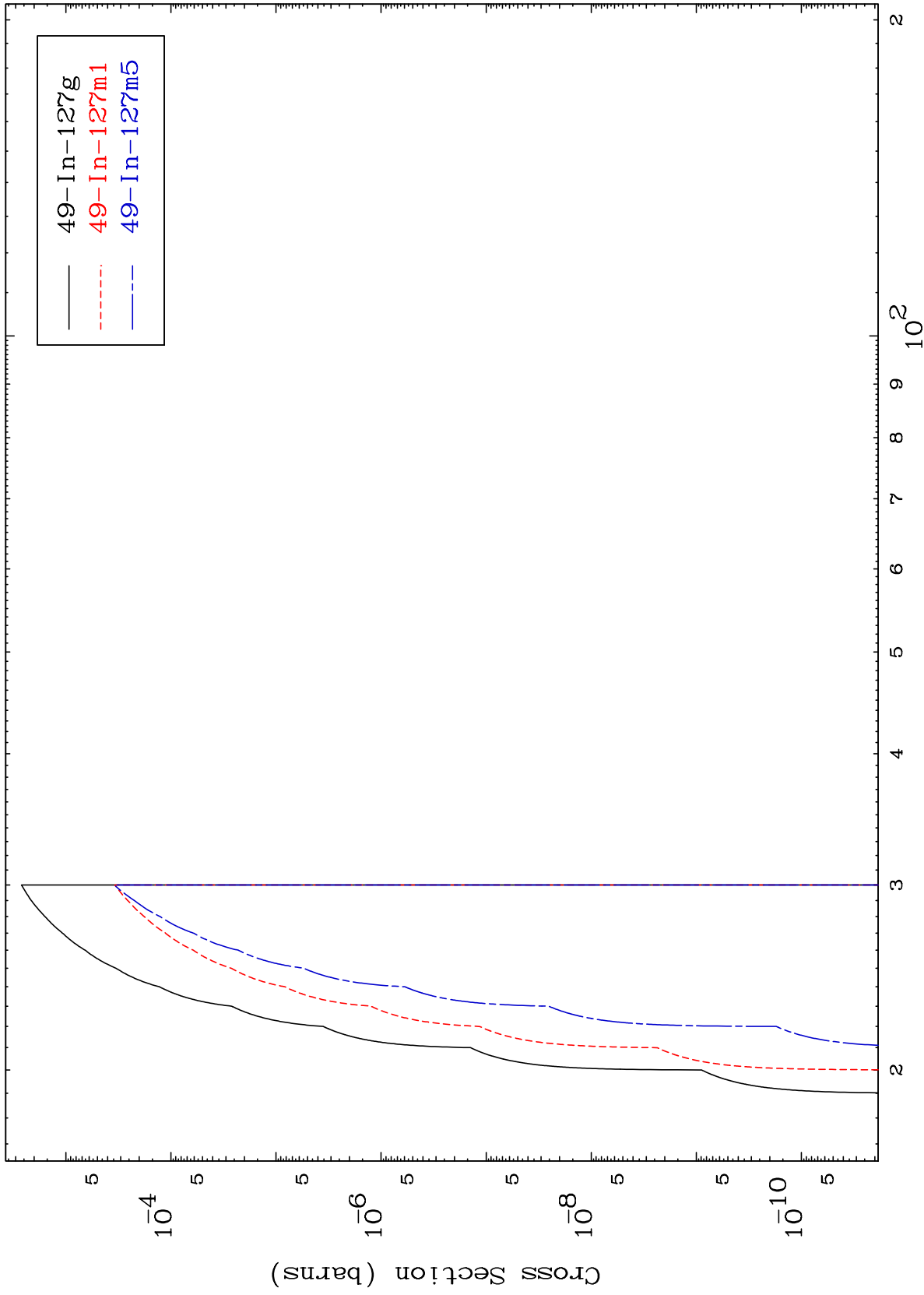
50-Sn-129

MAT 5076

(n,n') d

50-Sn-129

Radionuclide Production Cross Section



141

Incident Energy (MeV)

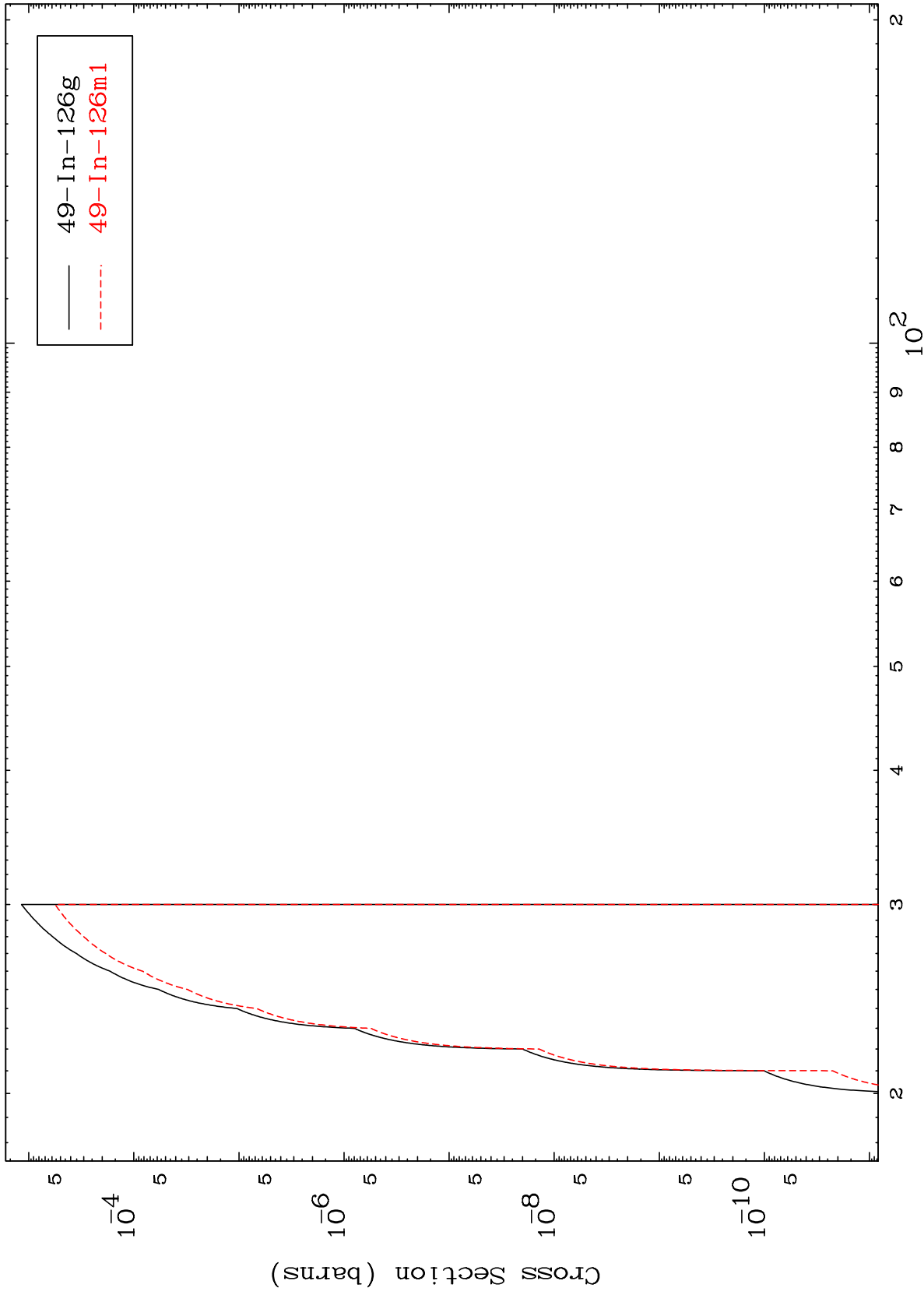
50-Sn-129

MAT 5076

(n,n') t

50-Sn-129

Radionuclide Production Cross Section



142

Incident Energy (MeV)

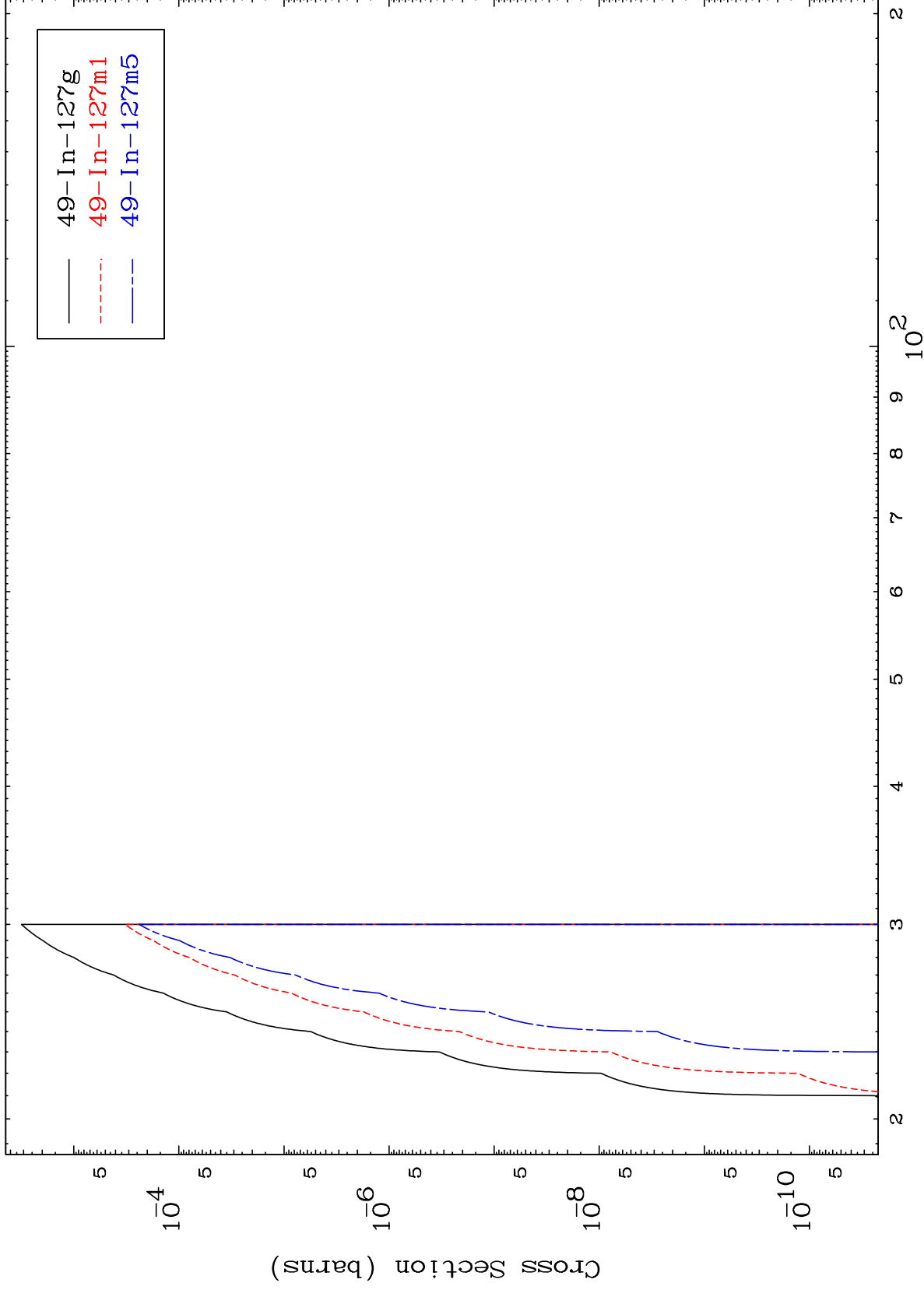
50-Sn-129

MAT 5076

(n,2n) p

50-Sn-129

Radionuclide Production Cross Section



143

Incident Energy (MeV)

50-Sn-129

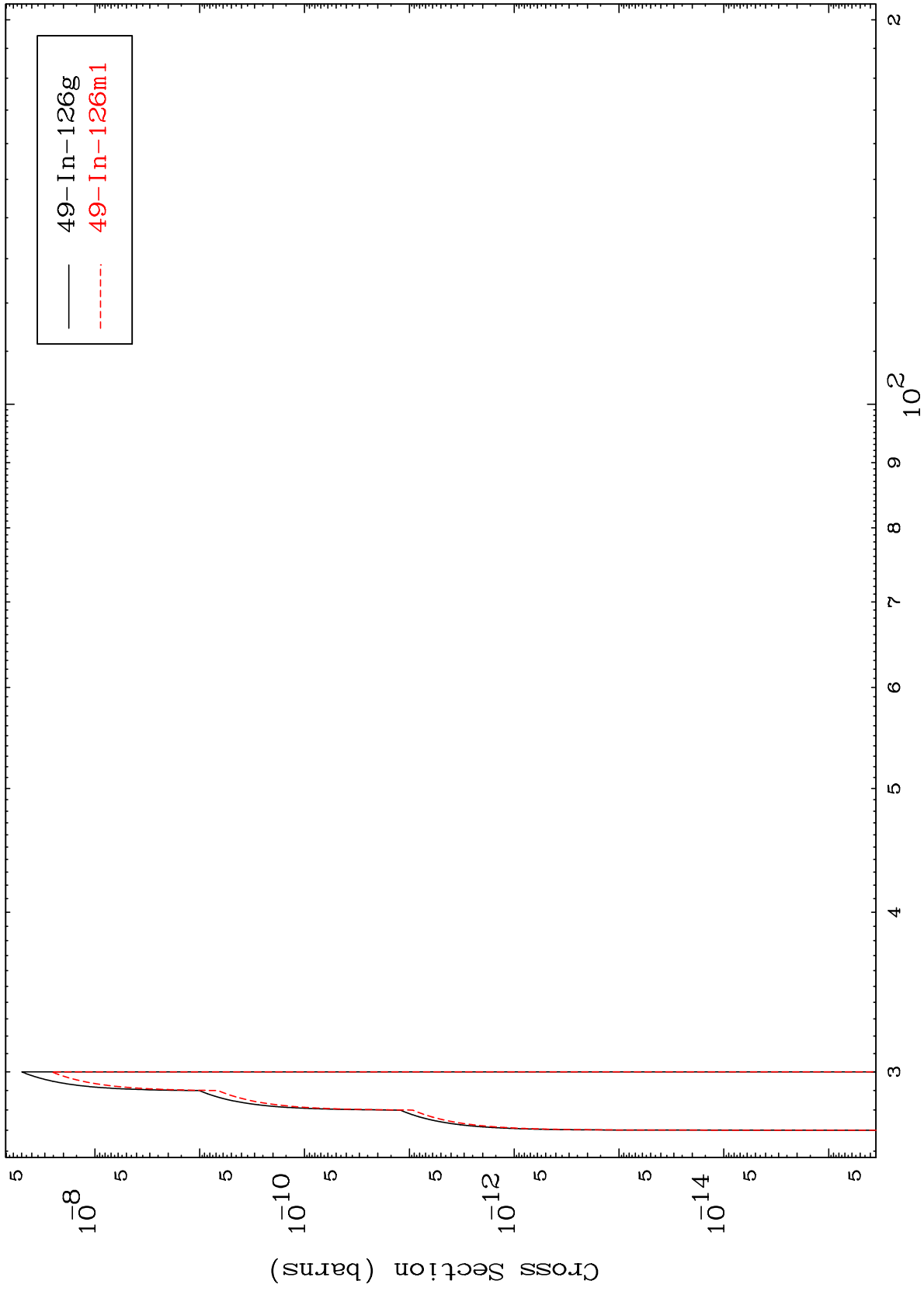


MAT 5076

(n,3n) p

50-Sn-129

Radionuclide Production Cross Section



144

Incident Energy (MeV)

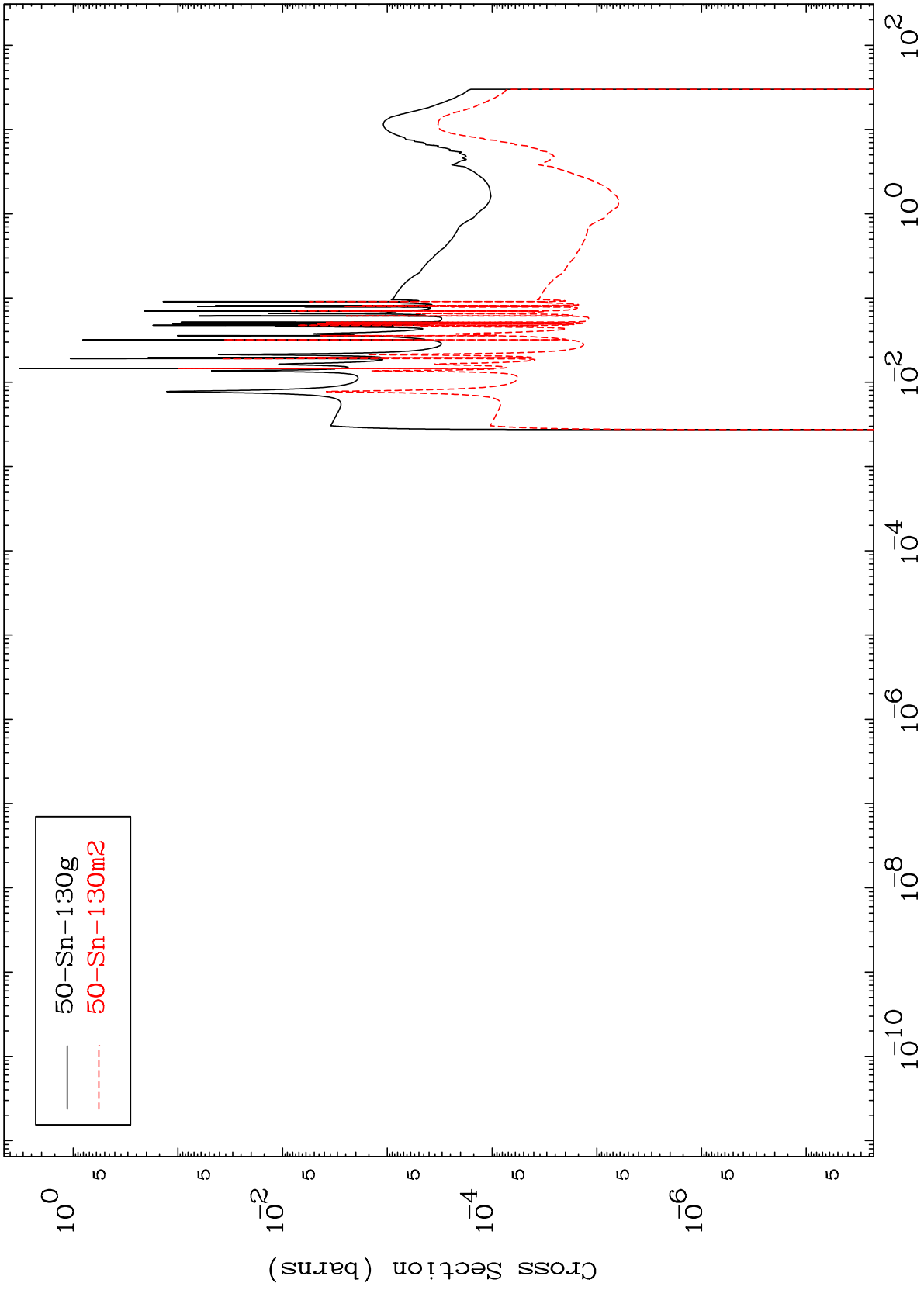
50-Sn-129

MAT 5076

(n,γ)

50-Sn-129

Radionuclide Production Cross Section



145

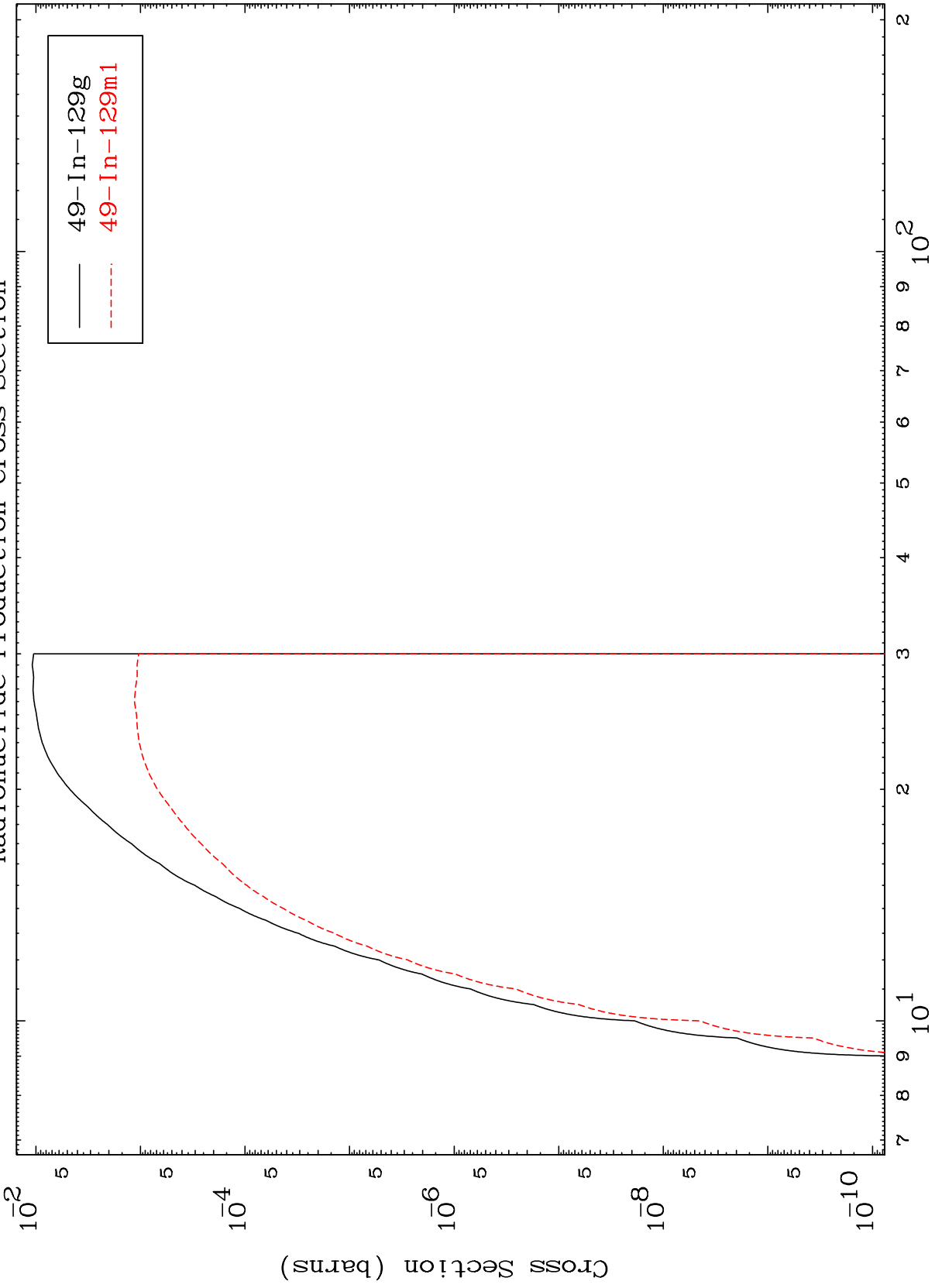
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,p)  
Radionuclide Production Cross Section



146

Incident Energy (MeV)

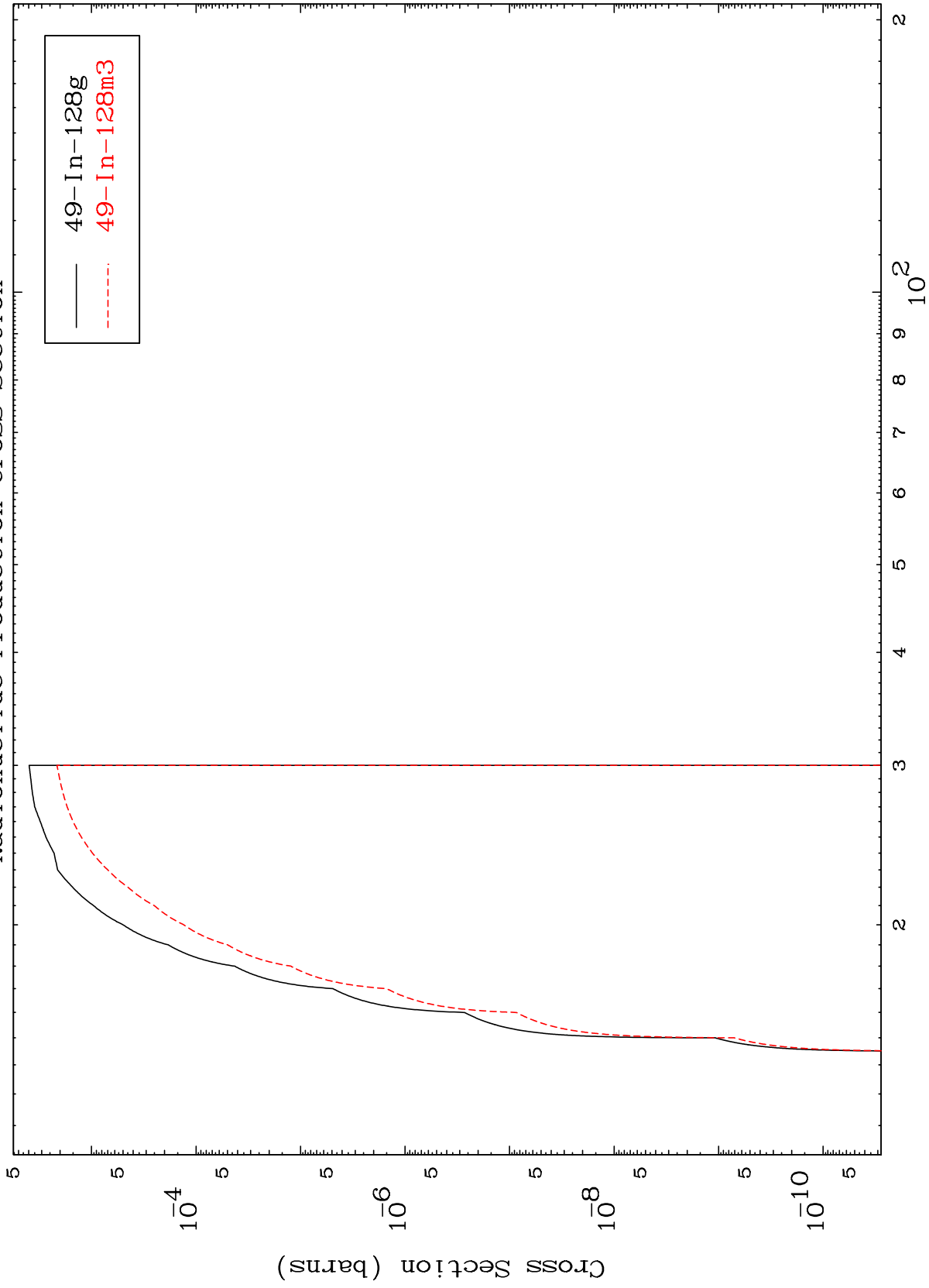
50-Sn-129

MAT 5076

(n,d)

50-Sn-129

Radionuclide Production Cross Section



147

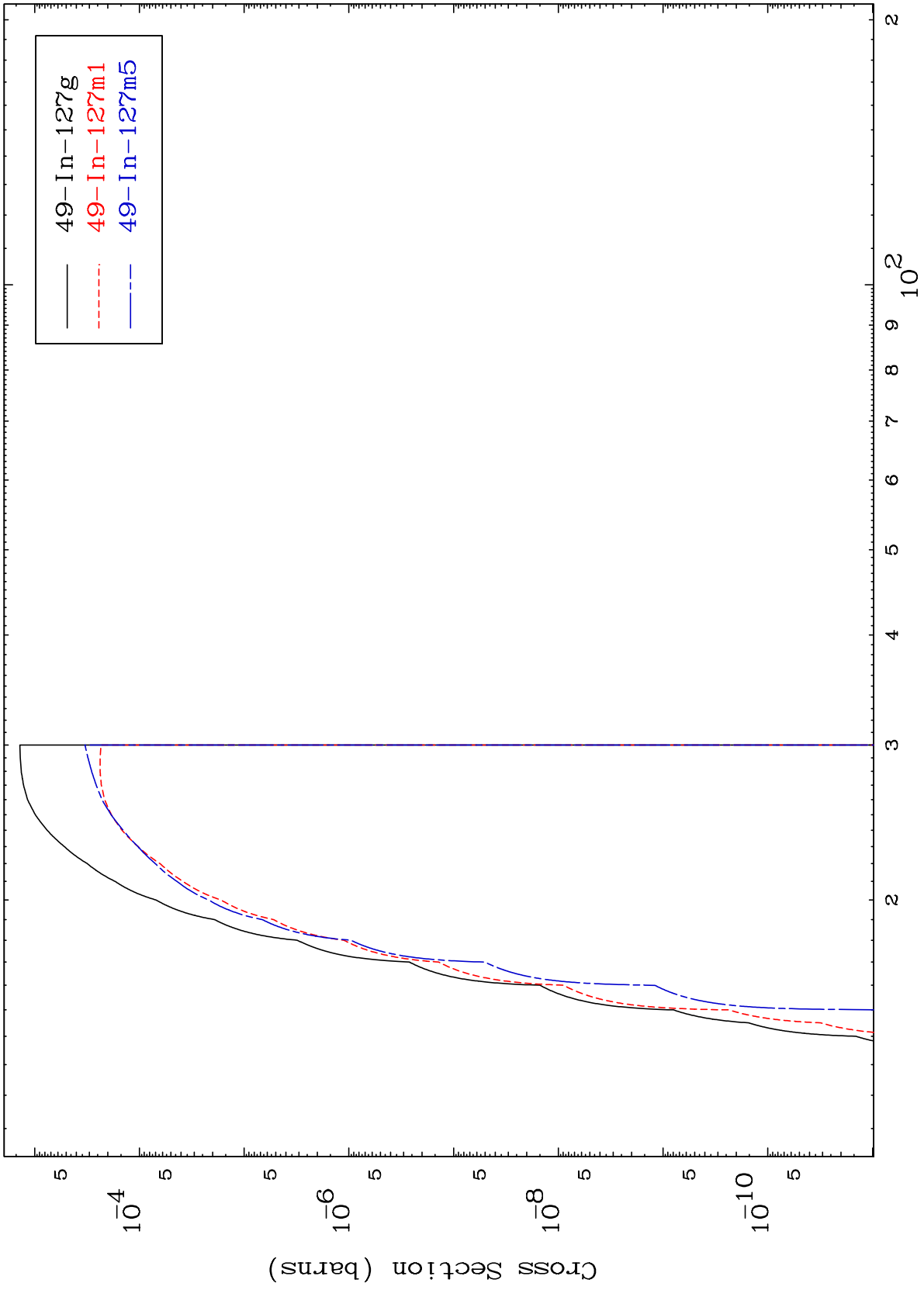
Incident Energy (MeV)

50-Sn-129

MAT 5076

Radionuclide Production Cross Section  
(n, t)

50-Sn-129



148

Incident Energy (MeV)

50-Sn-129