

Program EVALPLOT  
(Version 2018-1)

by

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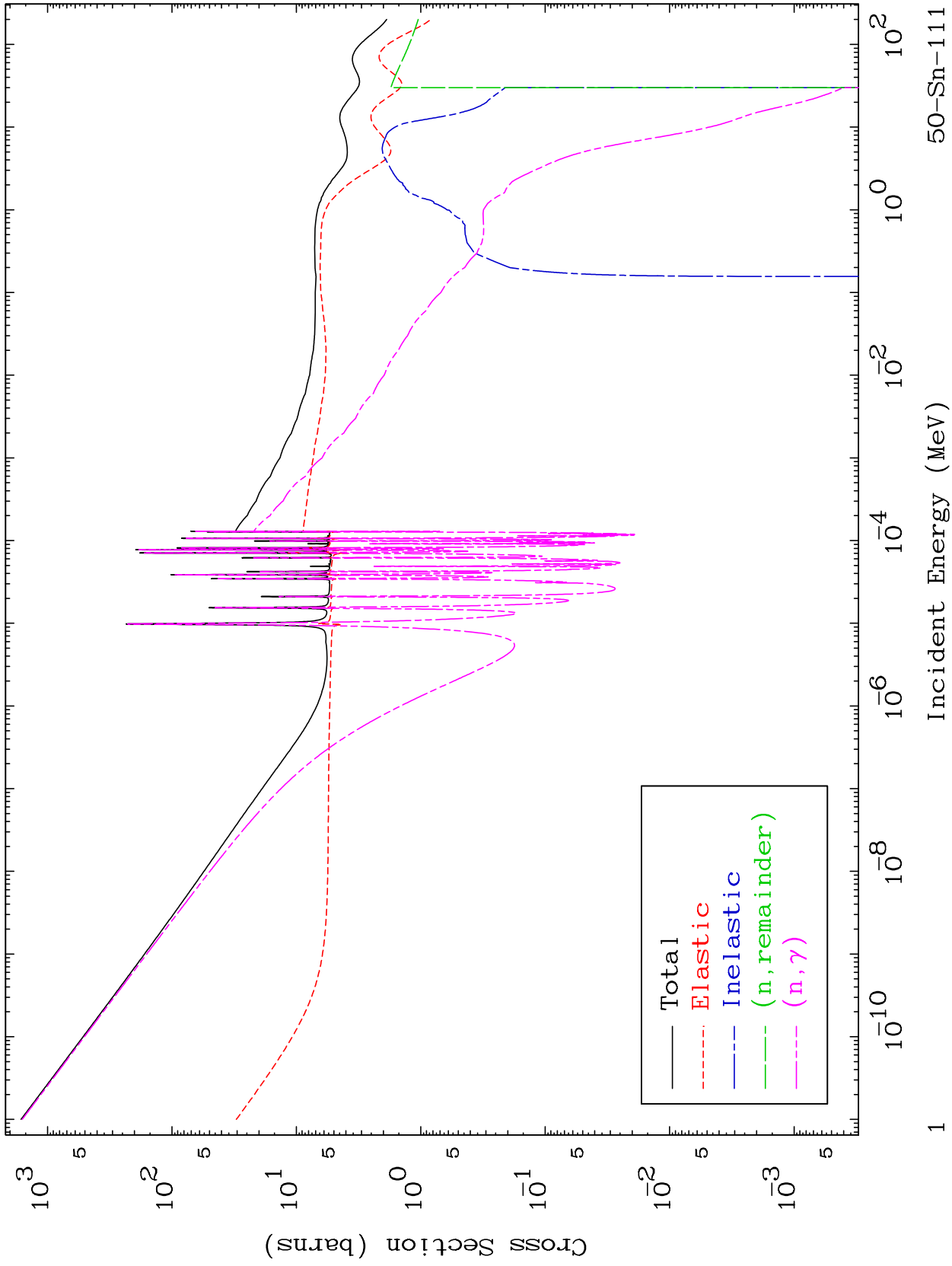
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5022

Major  
293 Kelvin Cross Sections

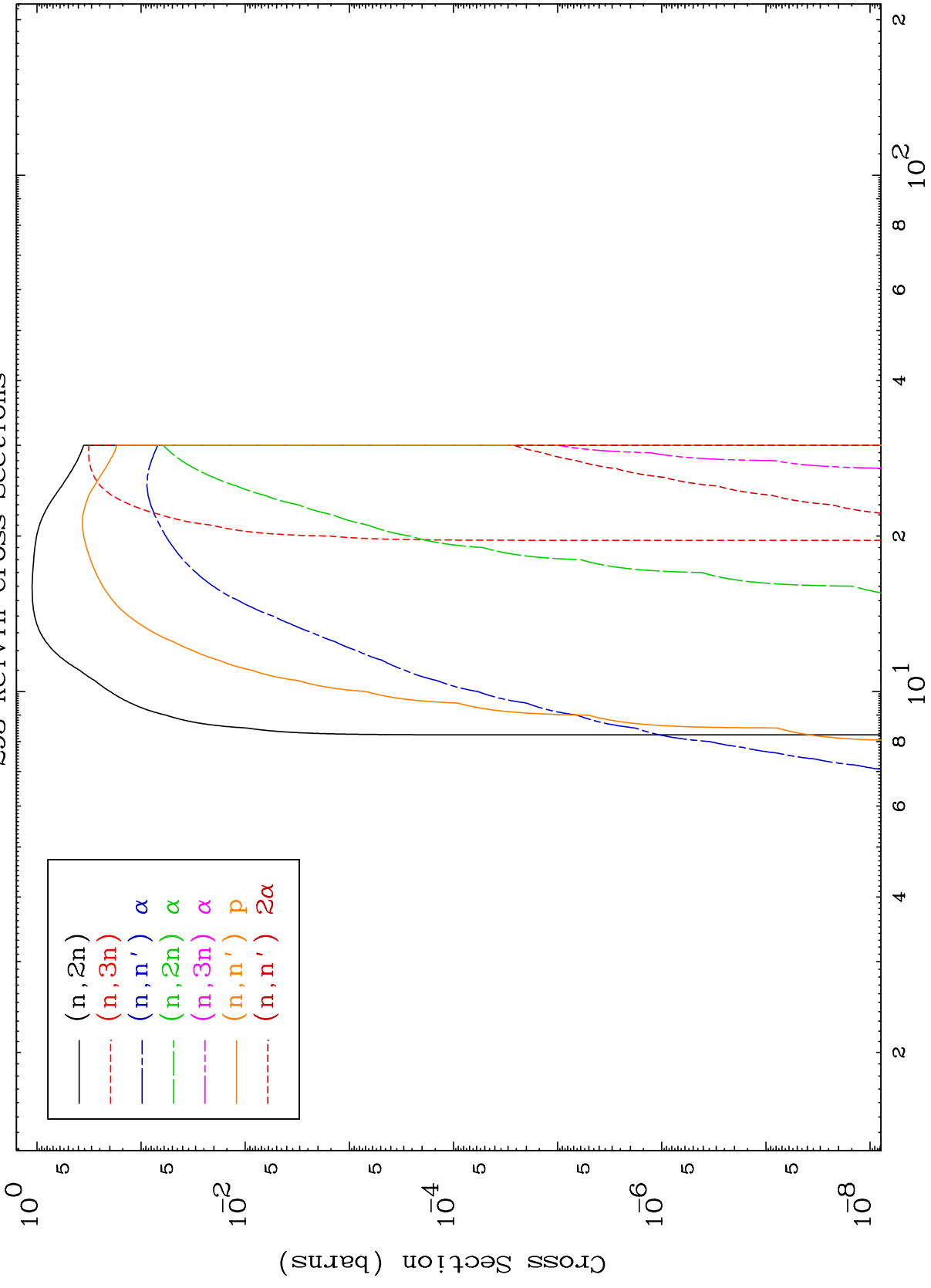
50-Sn-111



MAT 5022

Neutron Production  
293 Kelvin Cross Sections

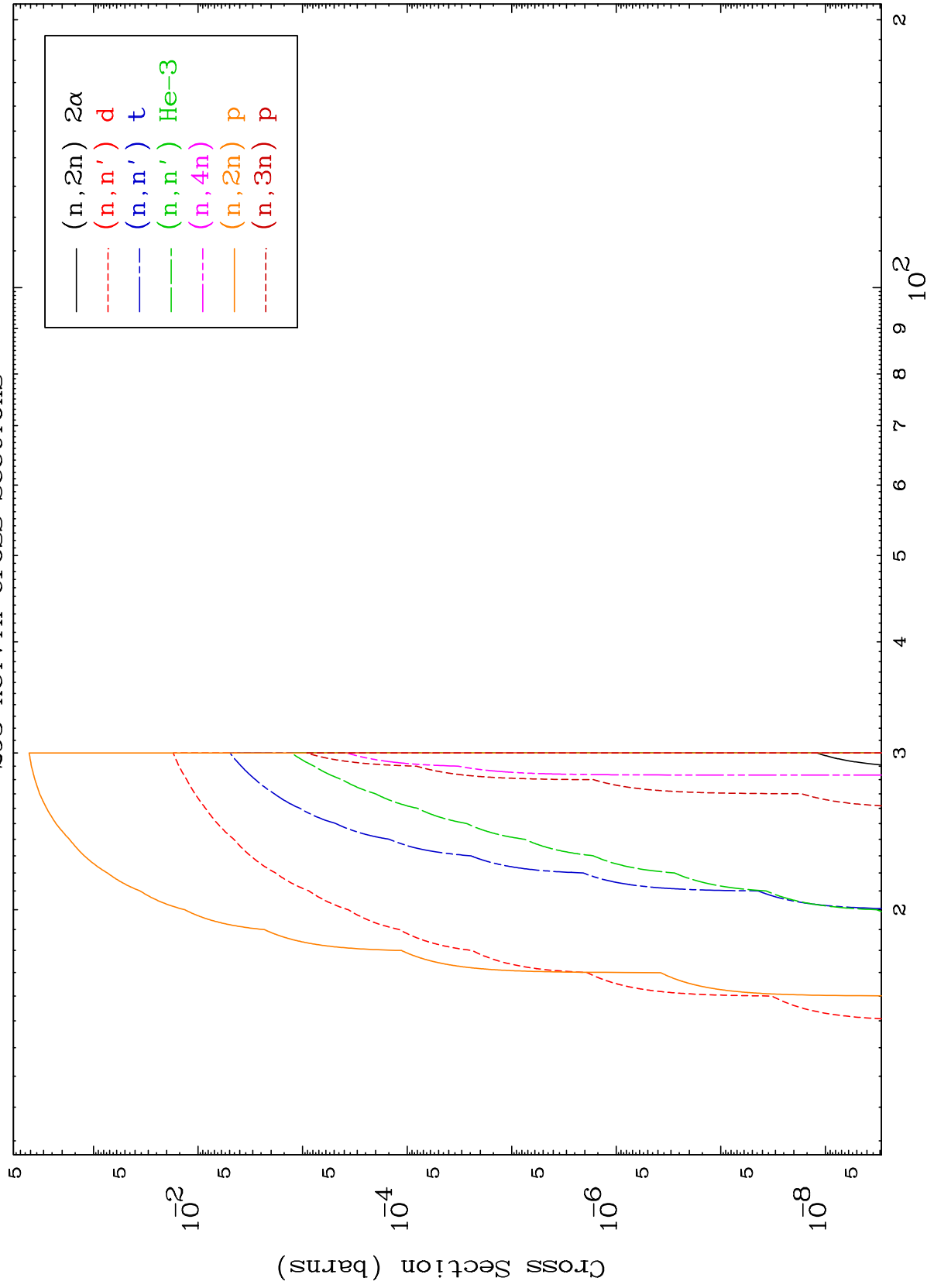
50-Sn-111

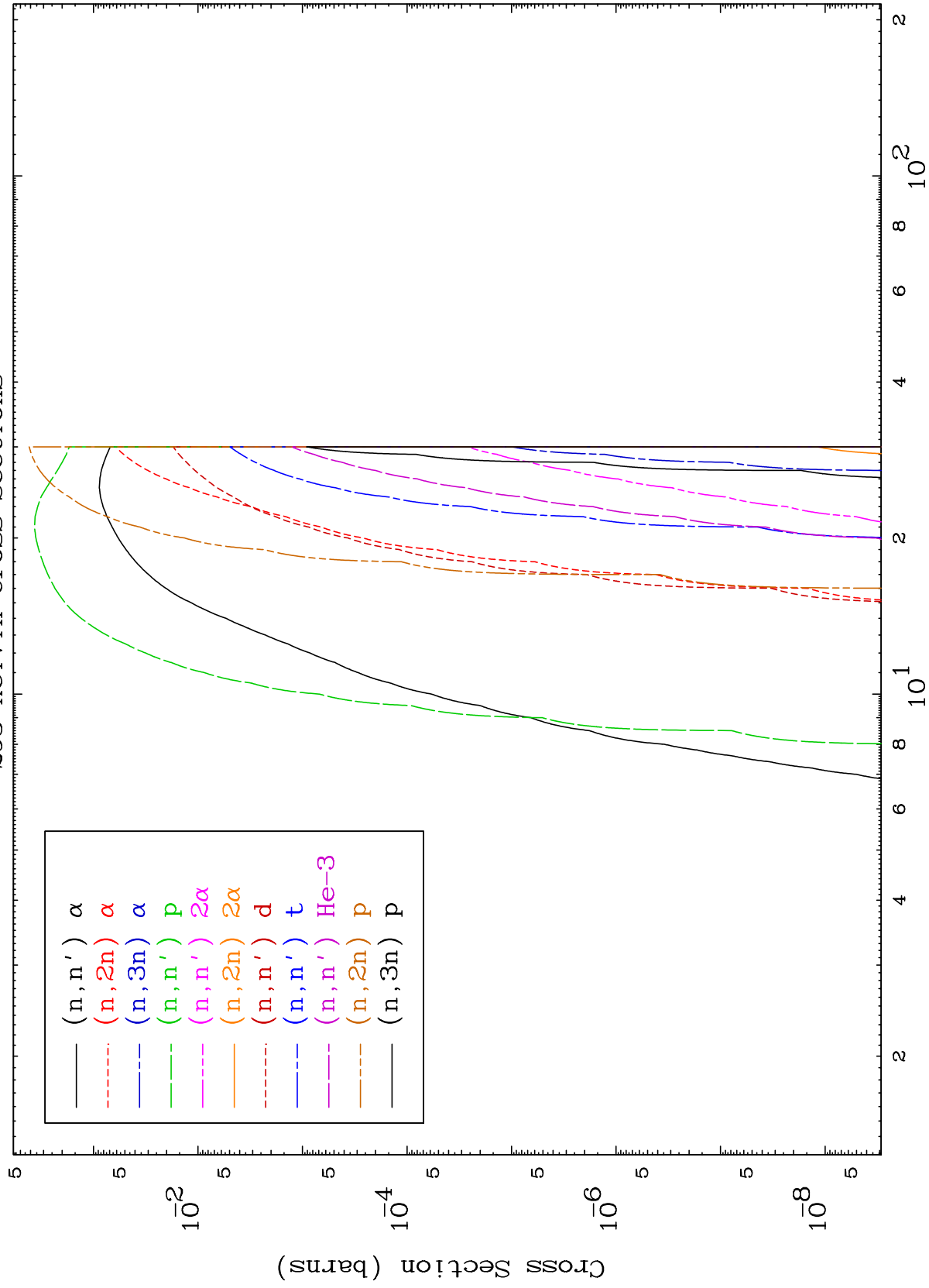


2

Incident Energy (MeV)

50-Sn-111

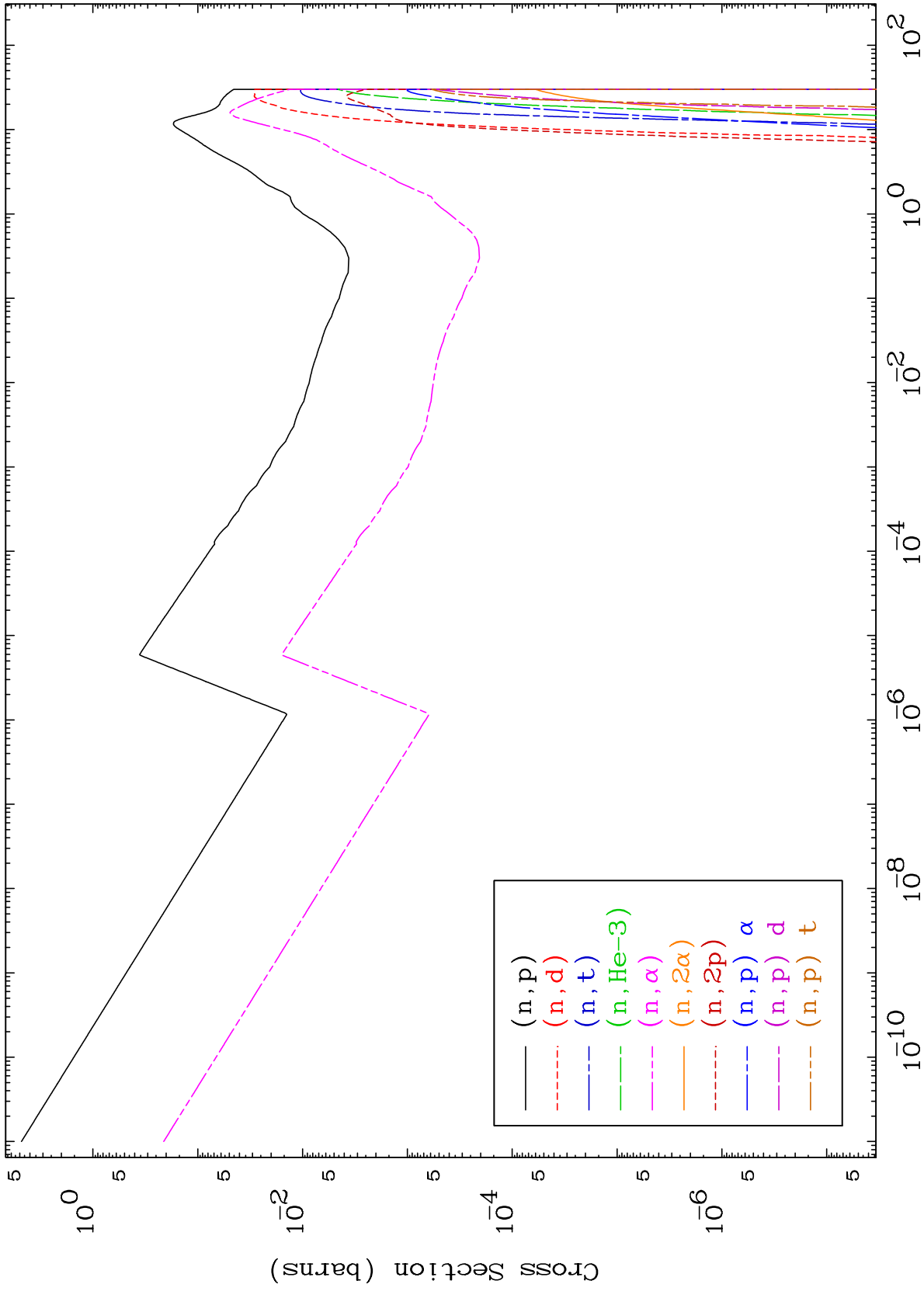




MAT 5022

293 Kelvin Cross Sections

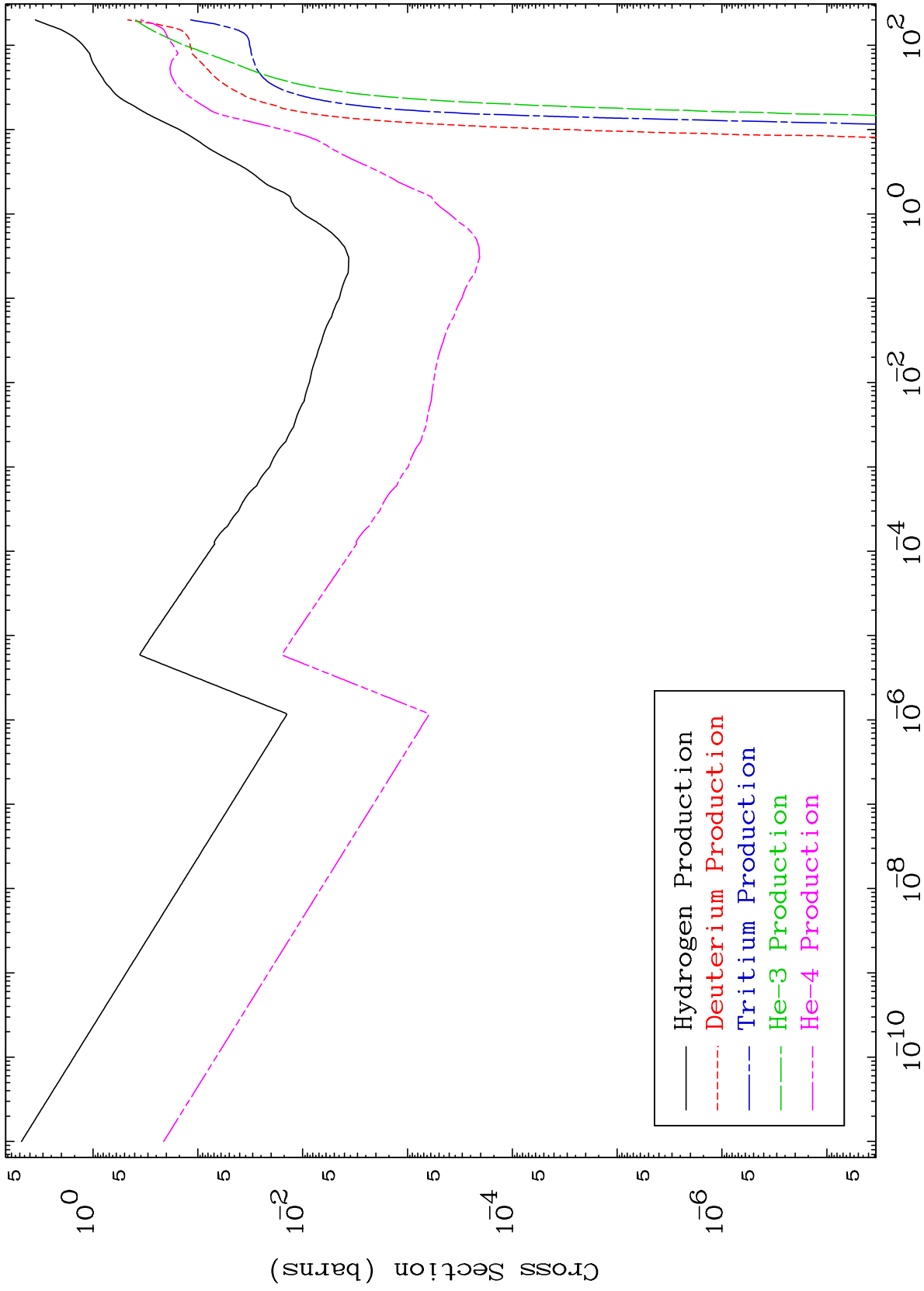
50-Sn-111



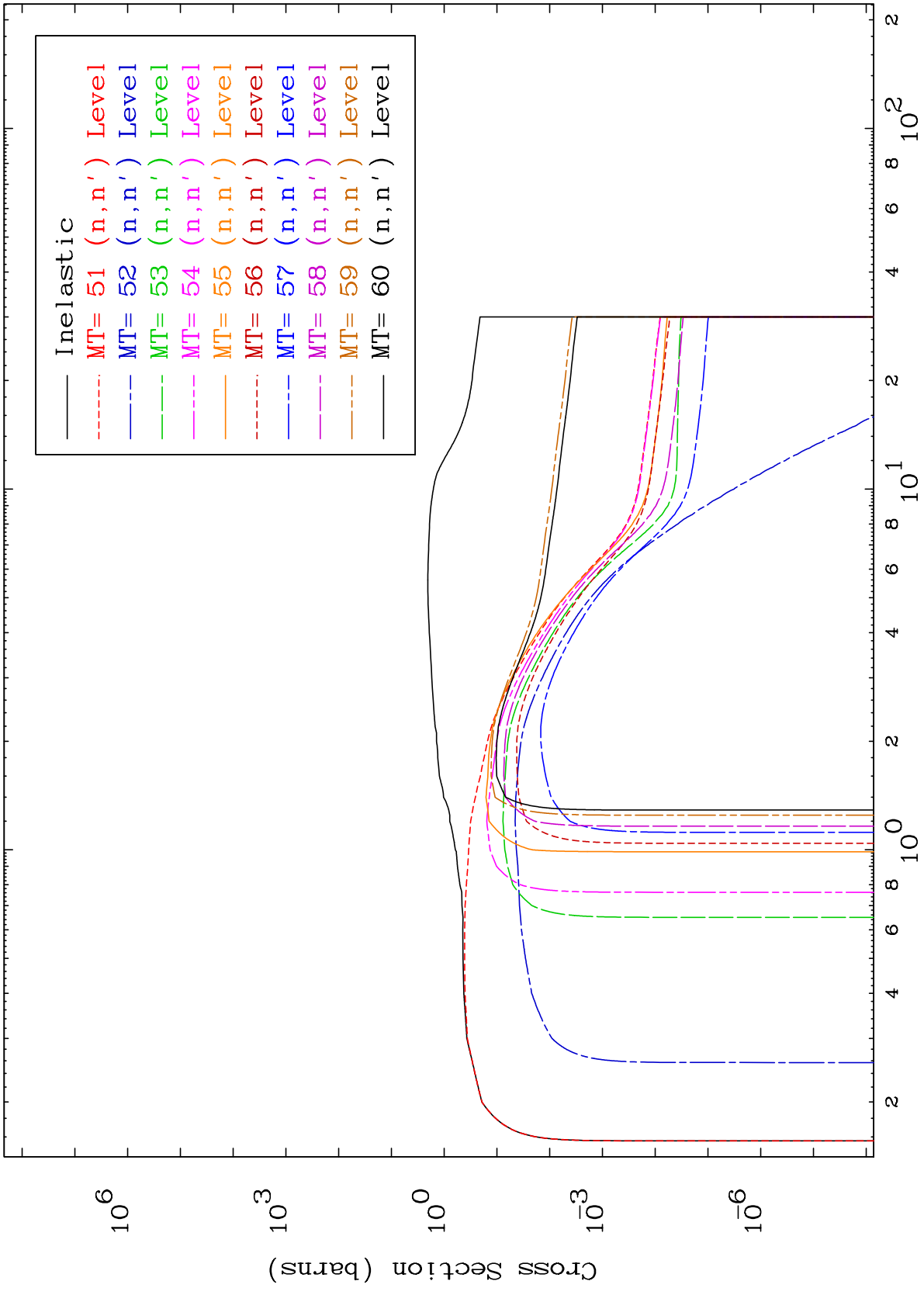
MAT 5022

Particle Production  
293 Kelvin Cross Sections

50-Sn-111



293 Kelvin Cross Sections



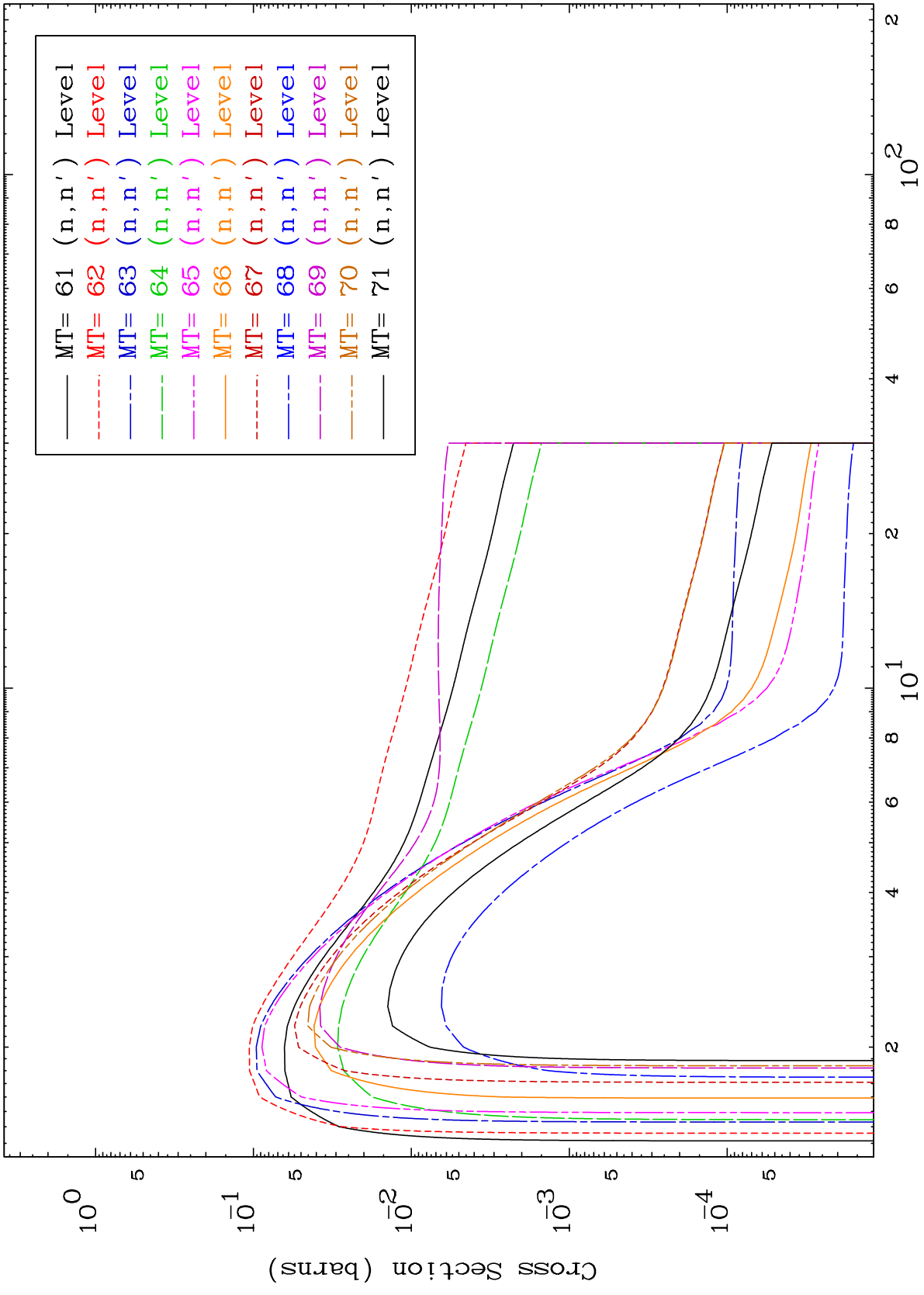


MAT 5022

(n,n') Level

50-Sn-111

293 Kelvin Cross Sections



8

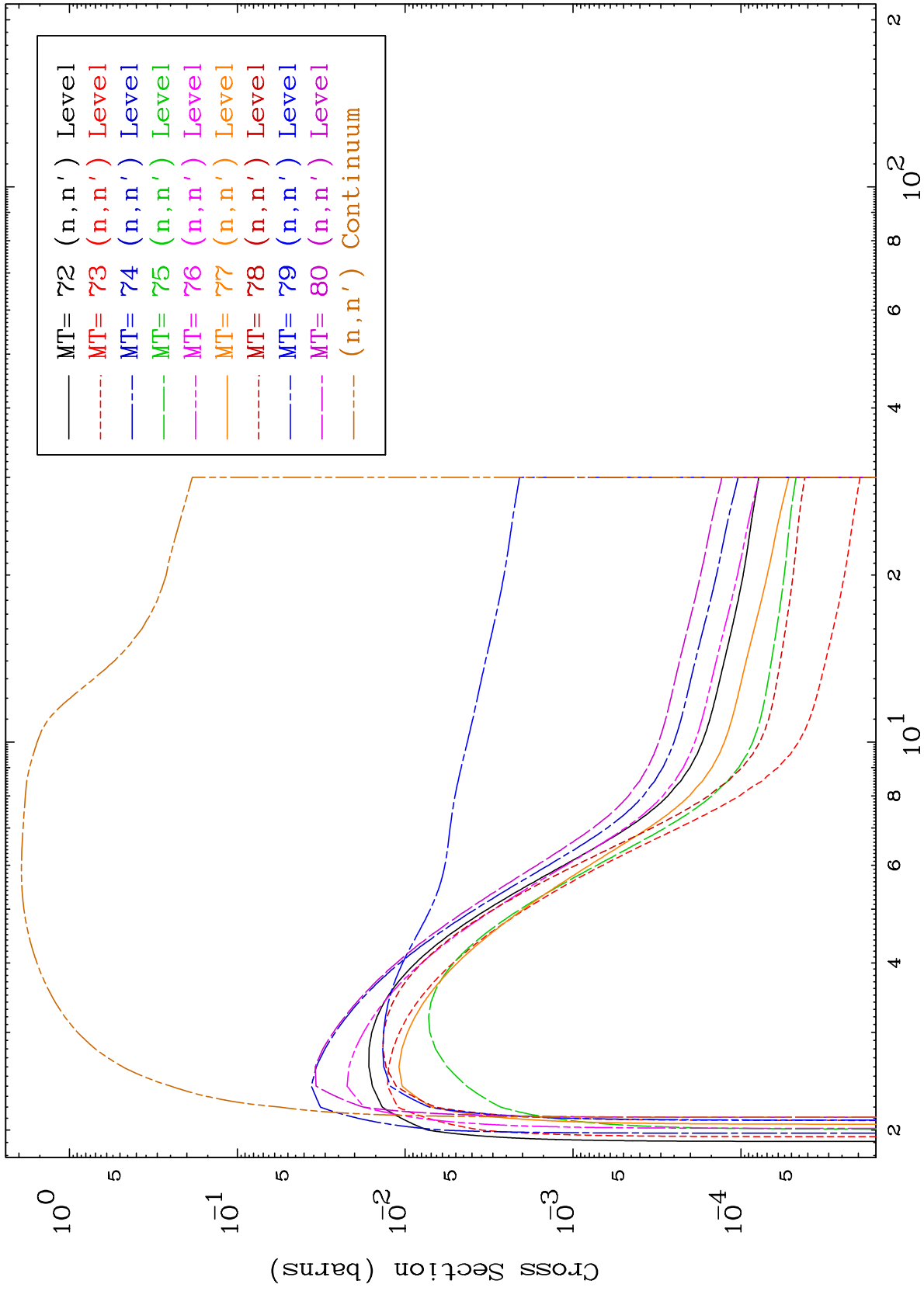
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-111



9

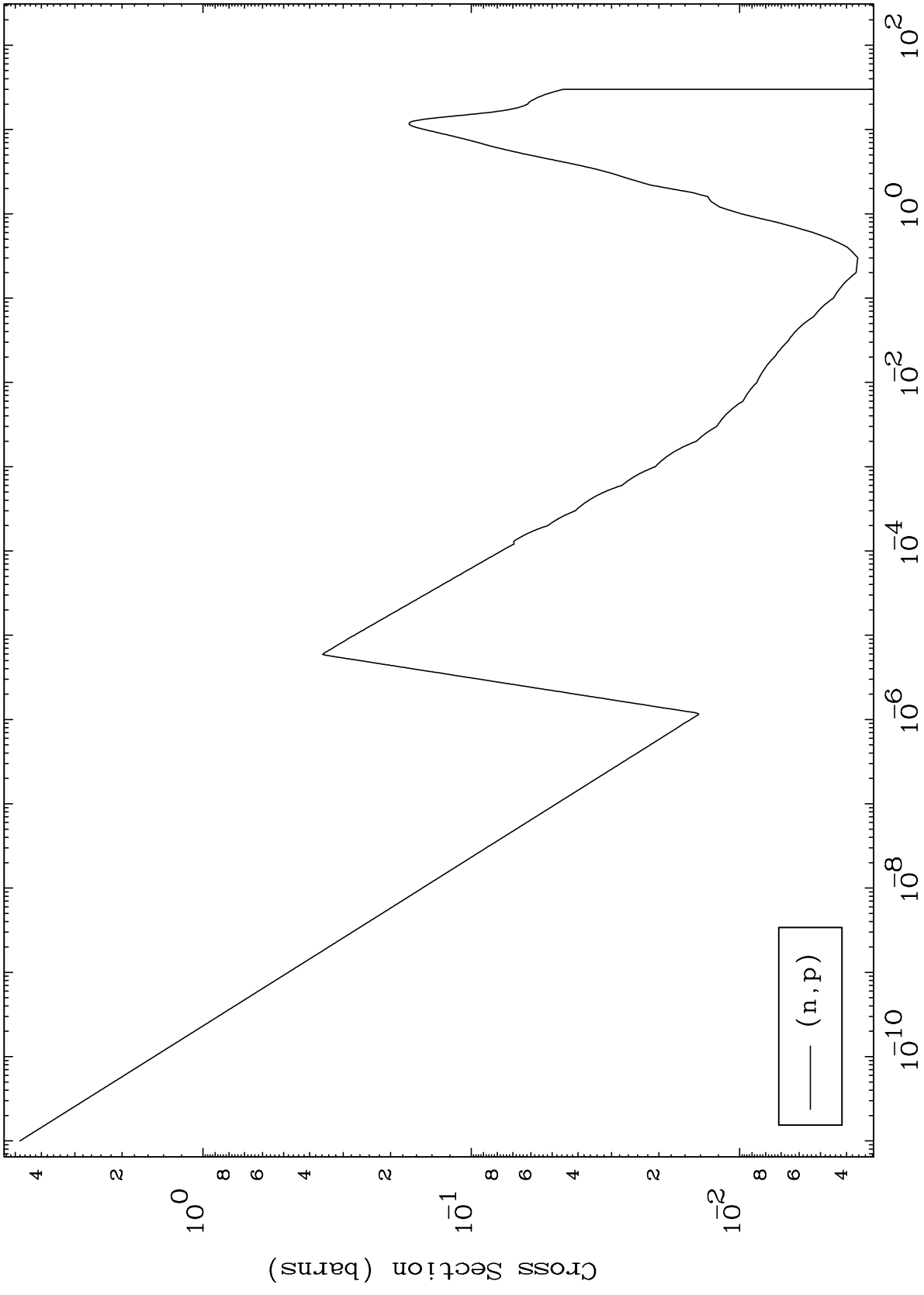
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-111



10

Incident Energy (MeV)

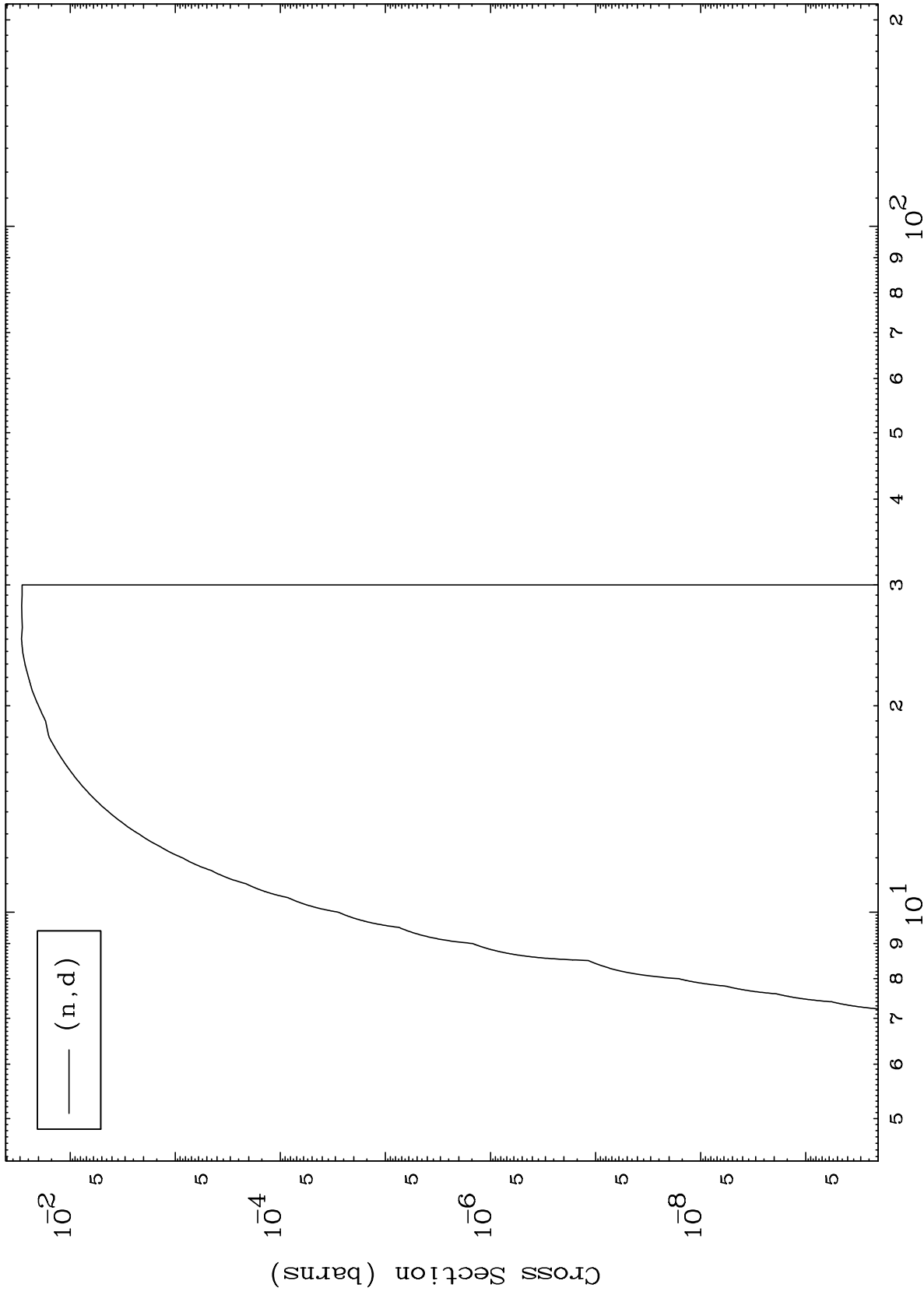
50-Sn-111

— (n, p)

MAT 5022

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-111



11

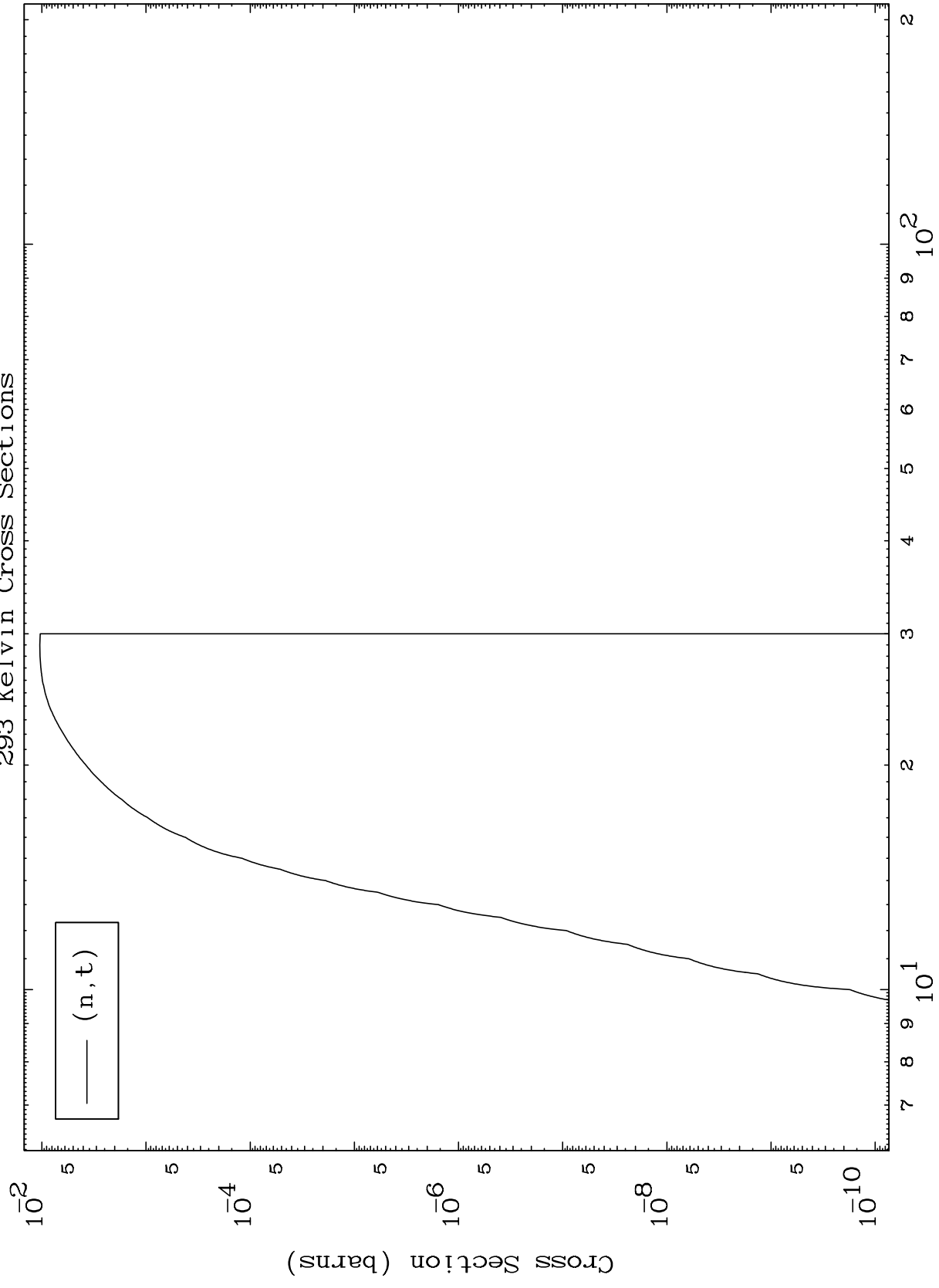
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,t) Levels  
293 Kelvin Cross Sections

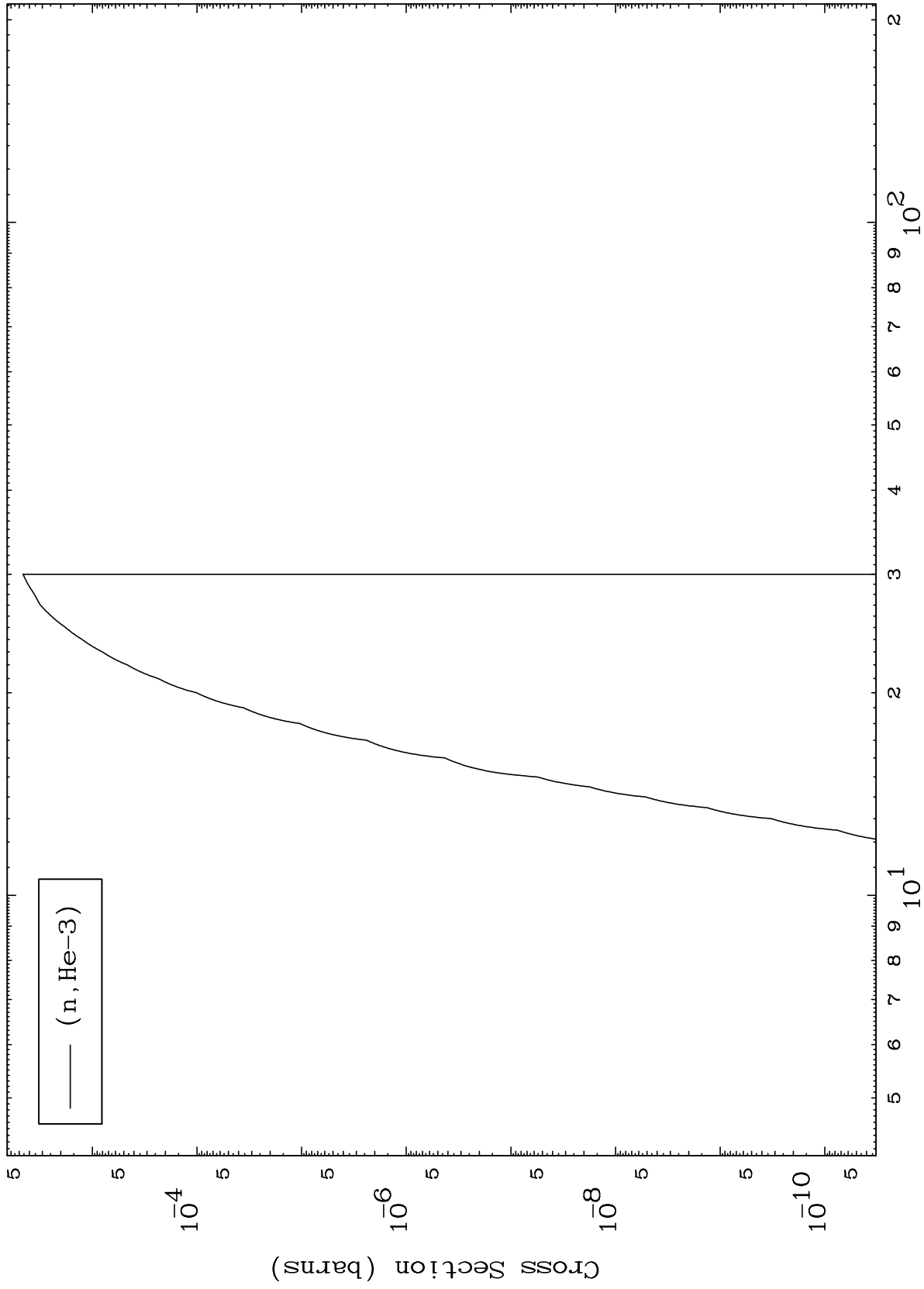
50-Sn-111



MAT 5022

(n,He3) Levels  
293 Kelvin Cross Sections

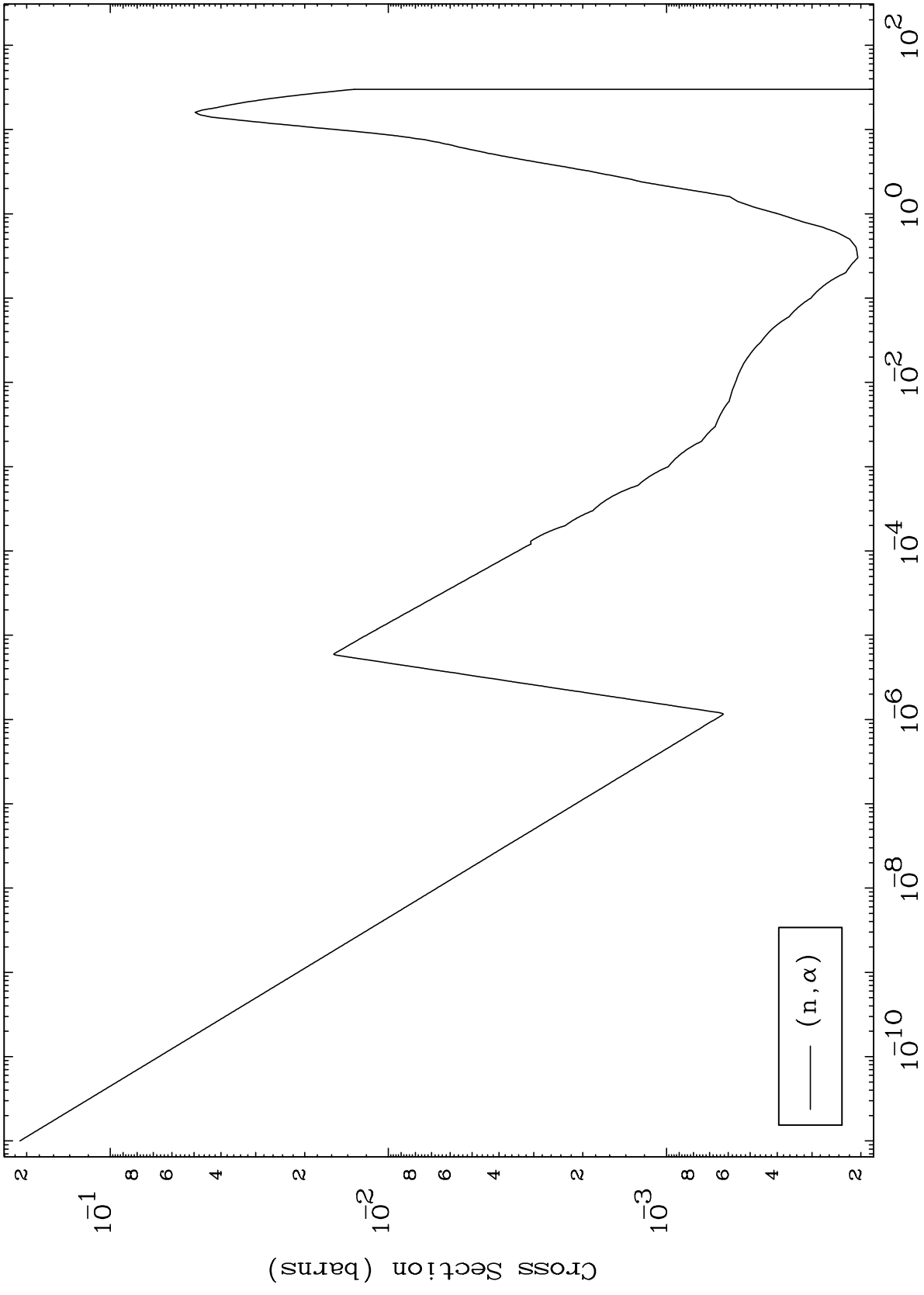
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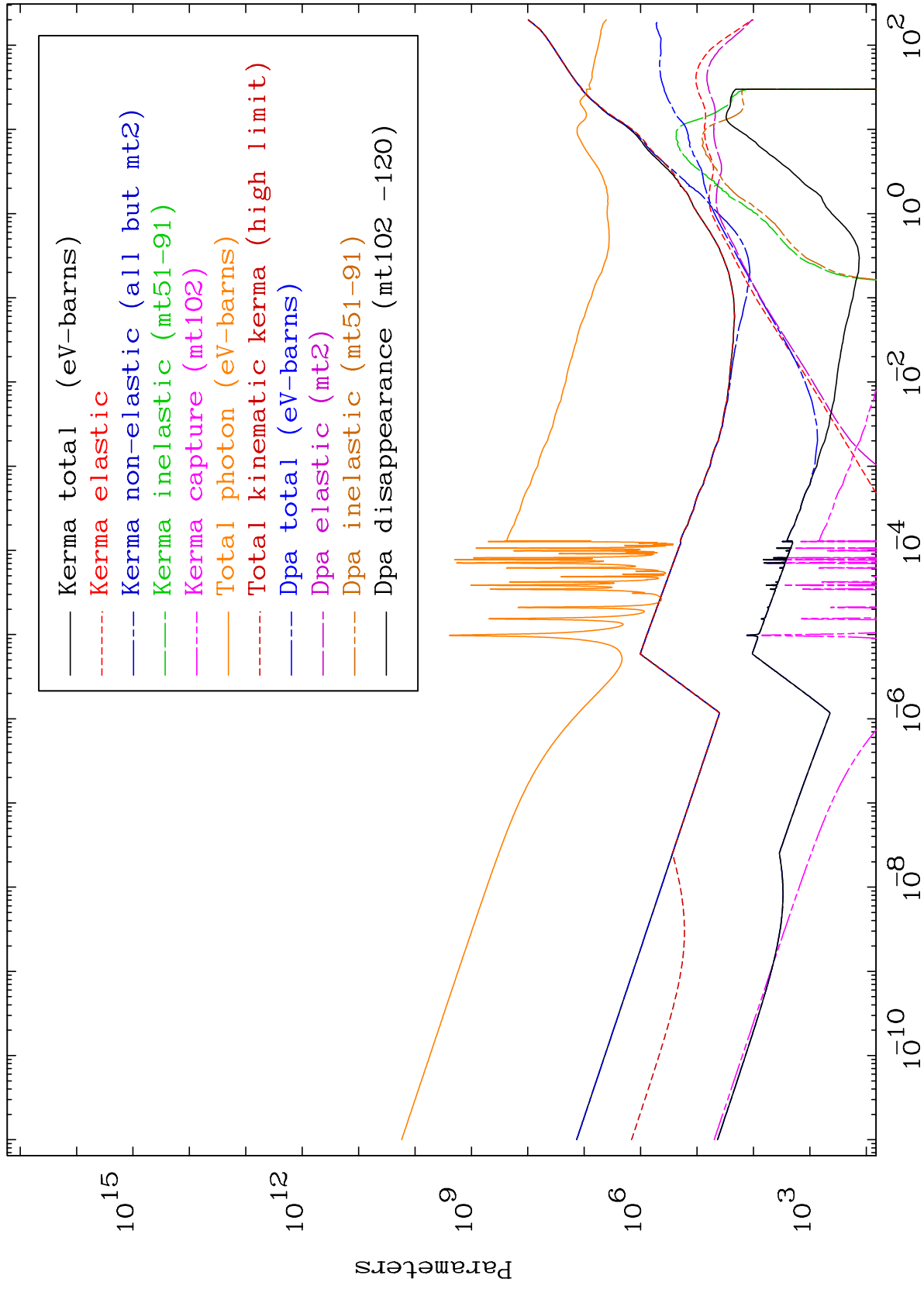


MAT 5022

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-111



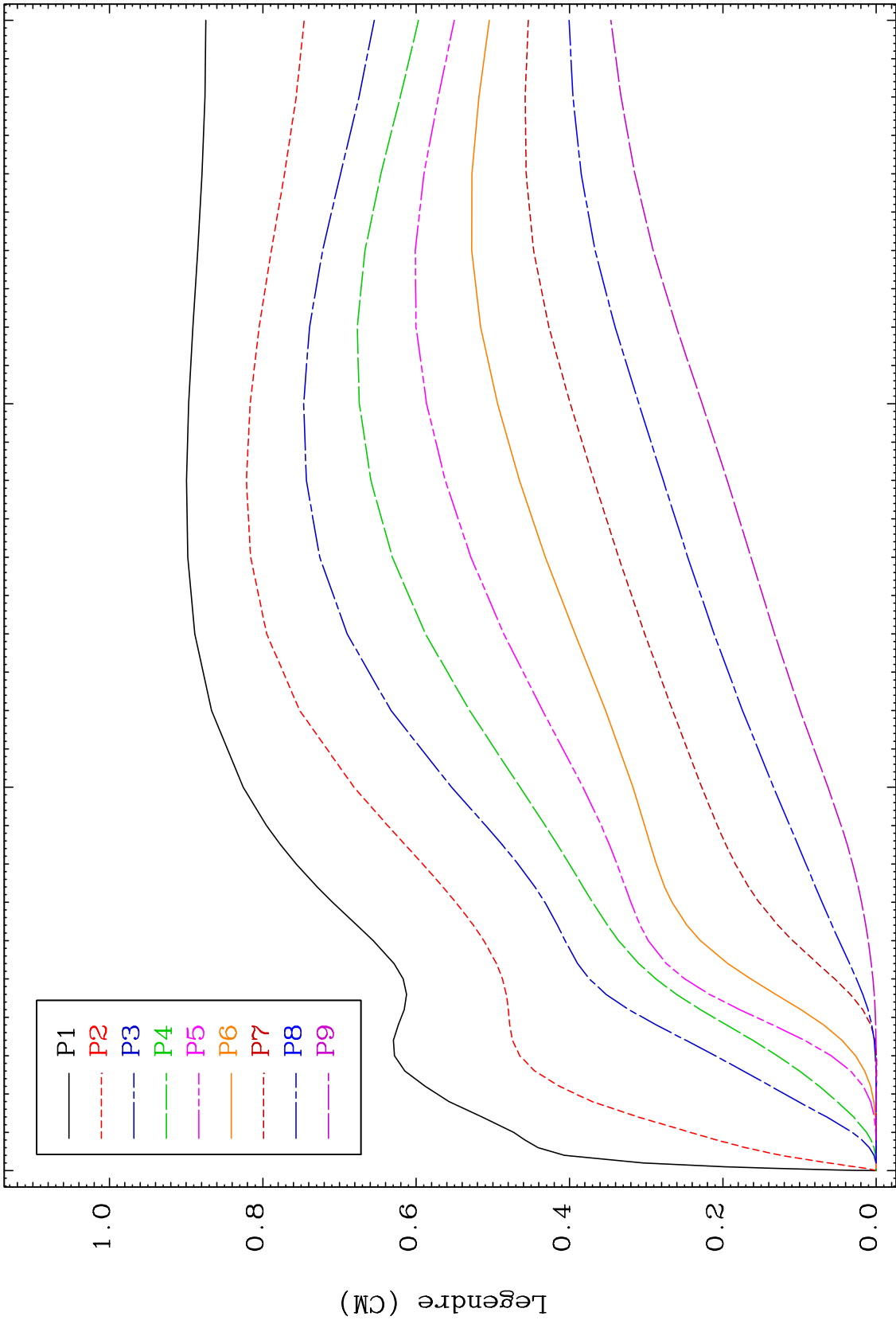




MAT 5022

Elastic Legendre Coefficients

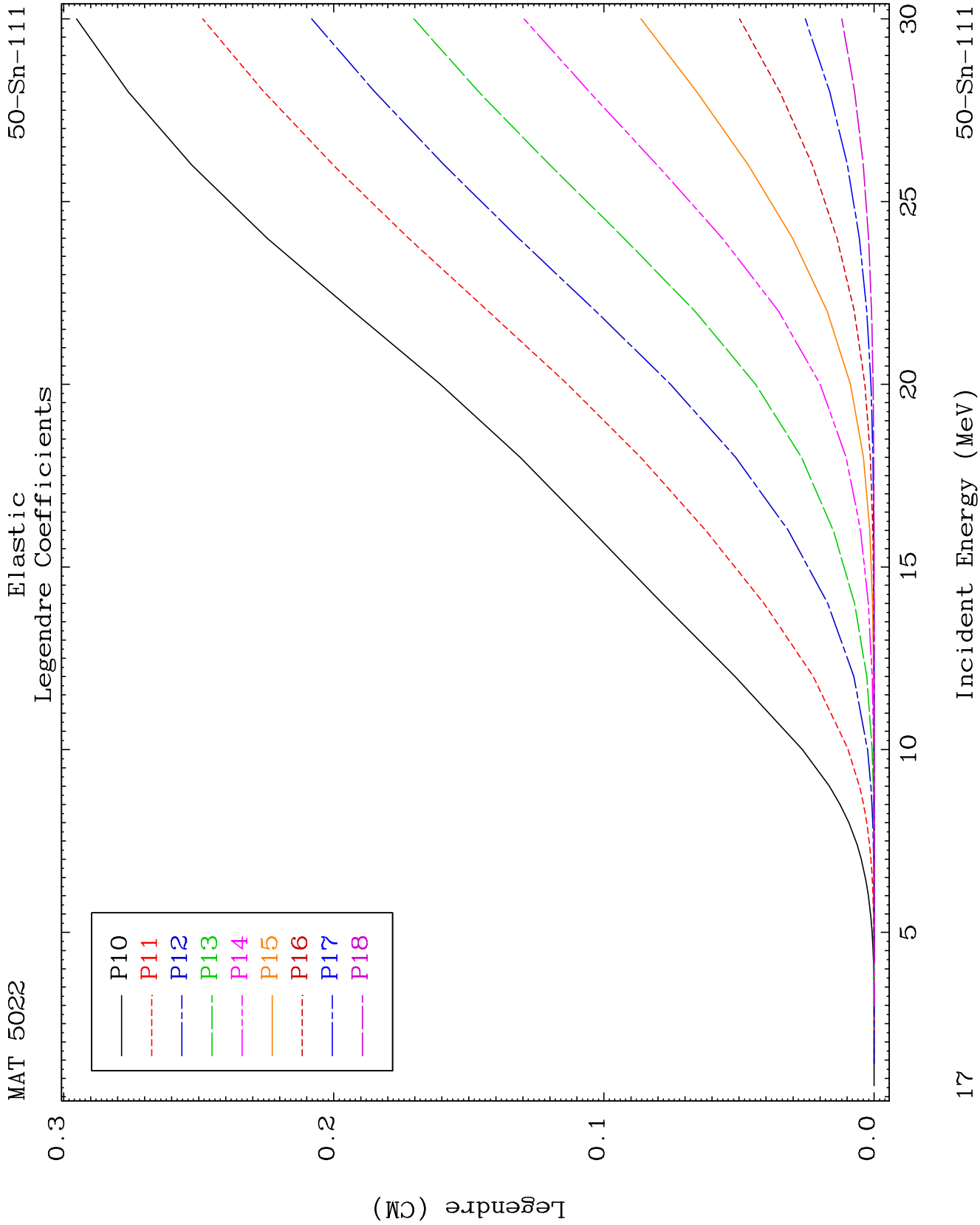
50-Sn-111



16

Incident Energy (MeV)

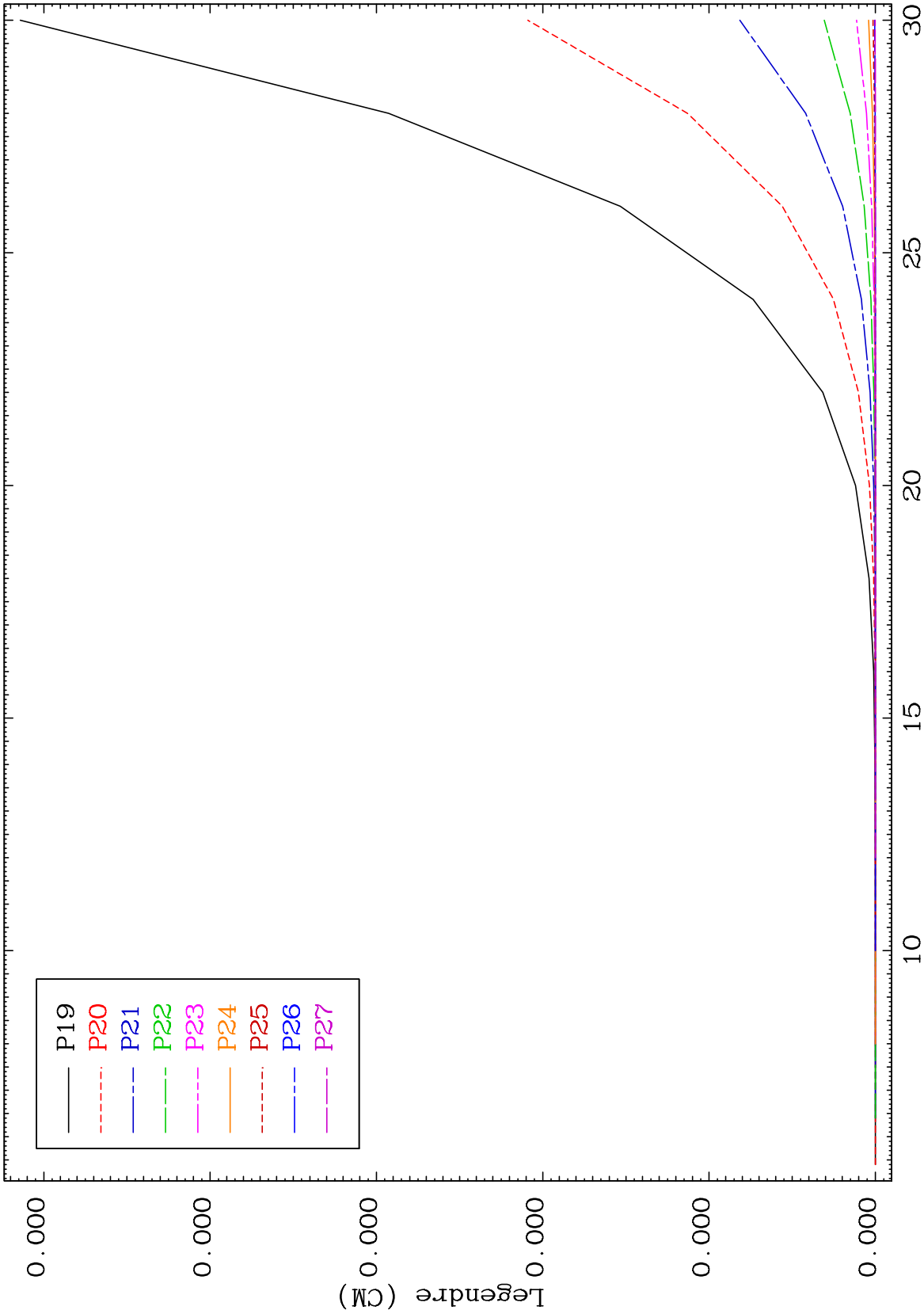
50-Sn-111



MAT 5022

### Elastic Legendre Coefficients

50-Sn-111



18

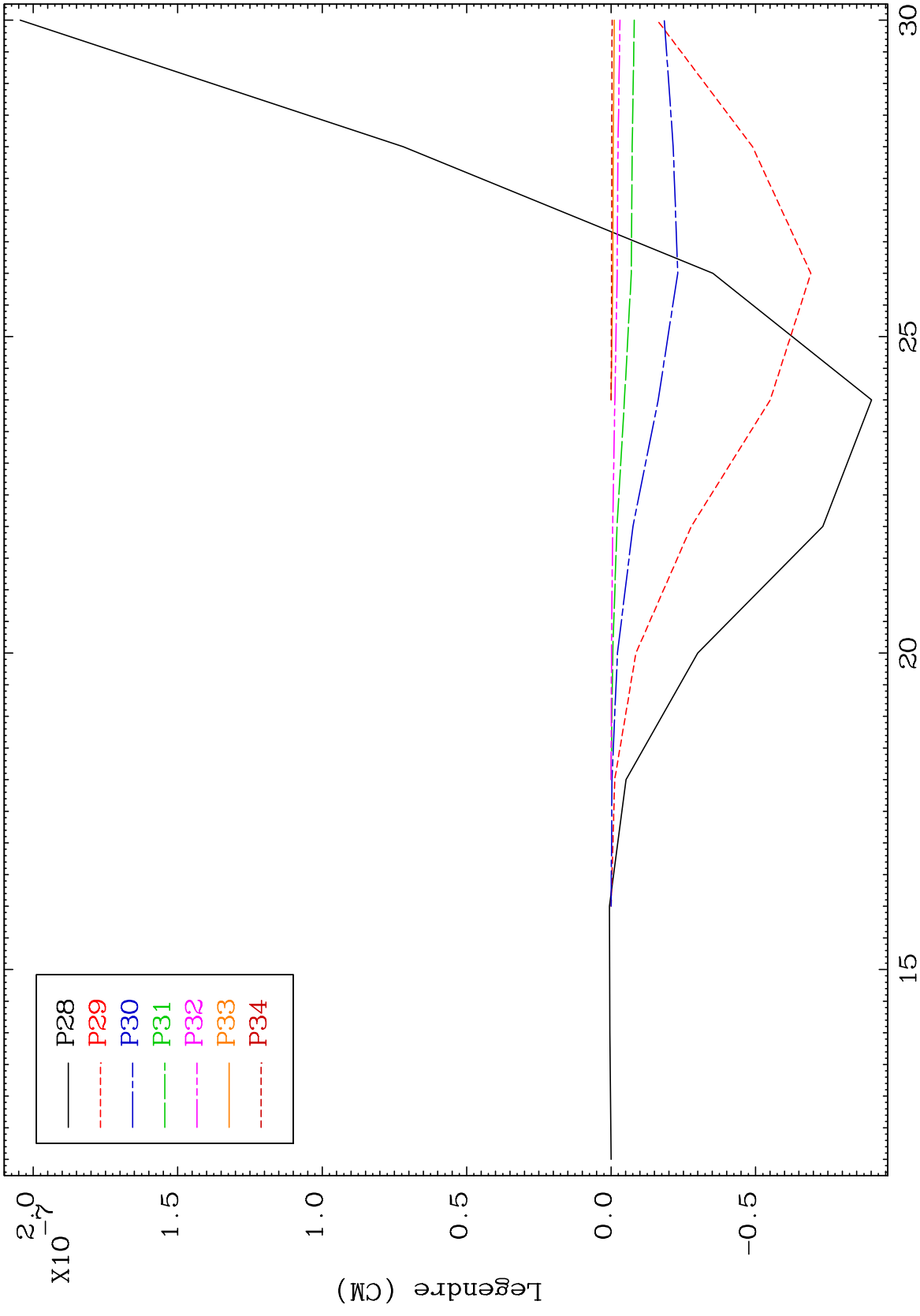
Incident Energy (MeV)

50-Sn-111

MAT 5022

Elastic Legendre Coefficients

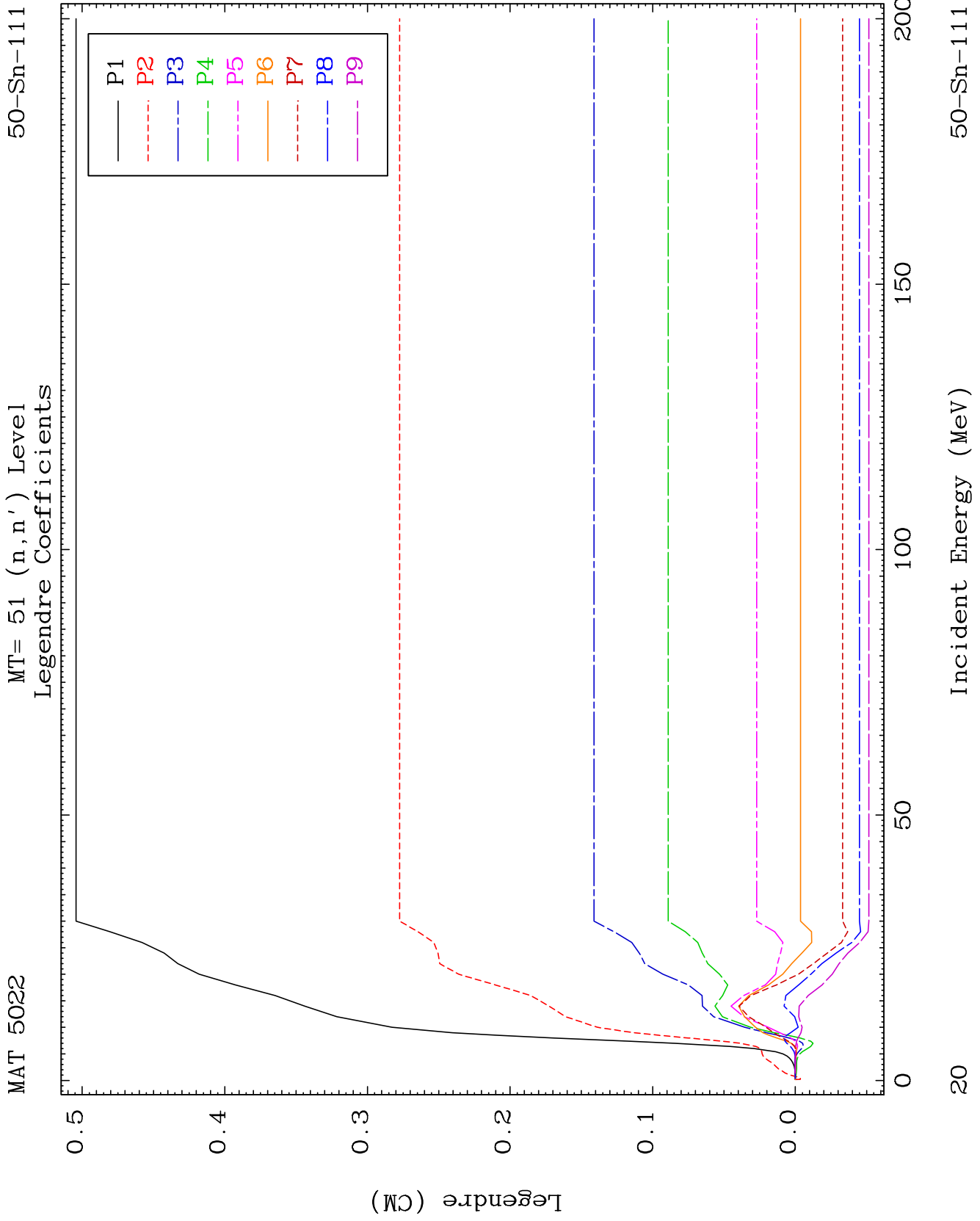
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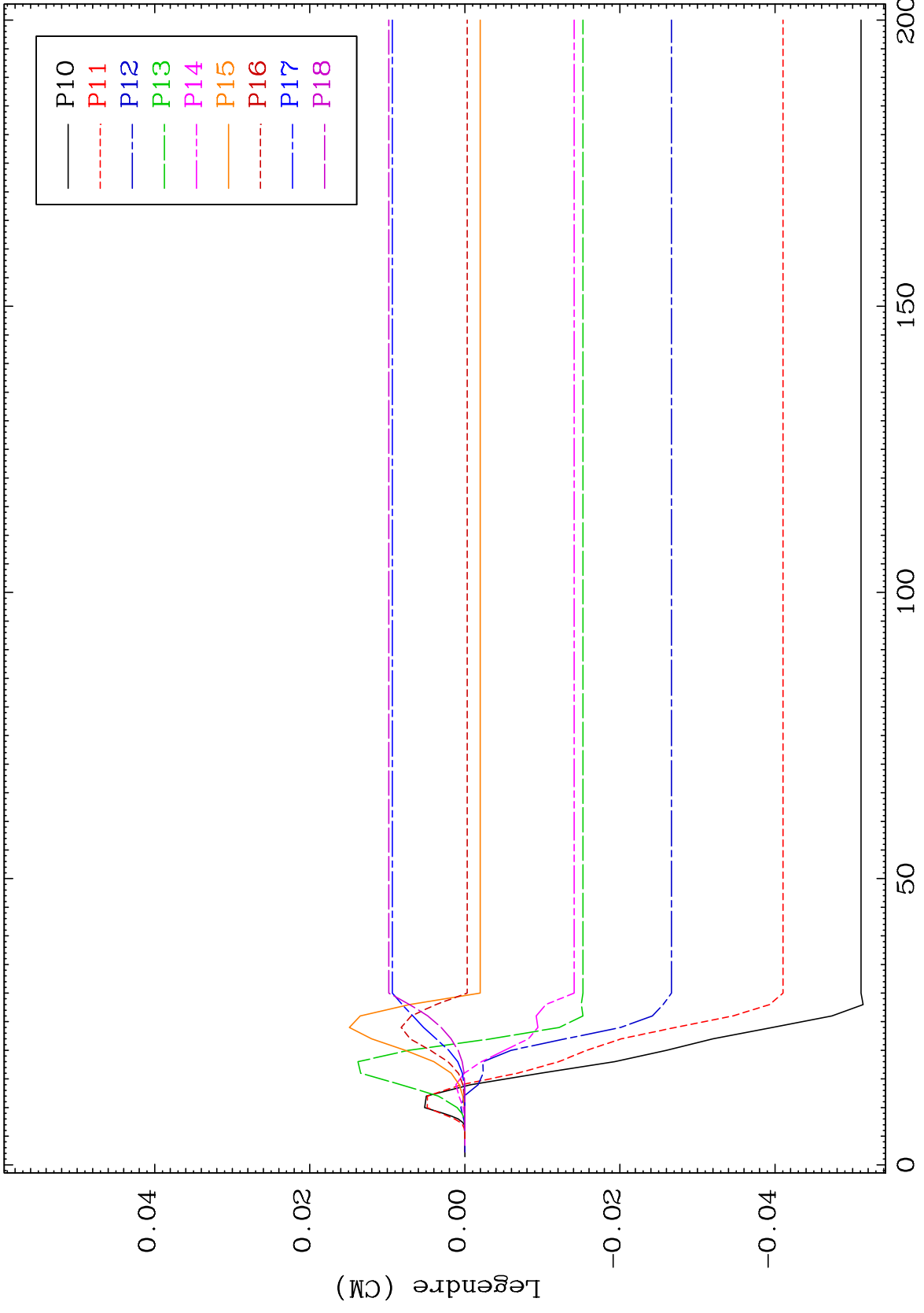
19

Incident Energy (MeV)

50-Sn-111

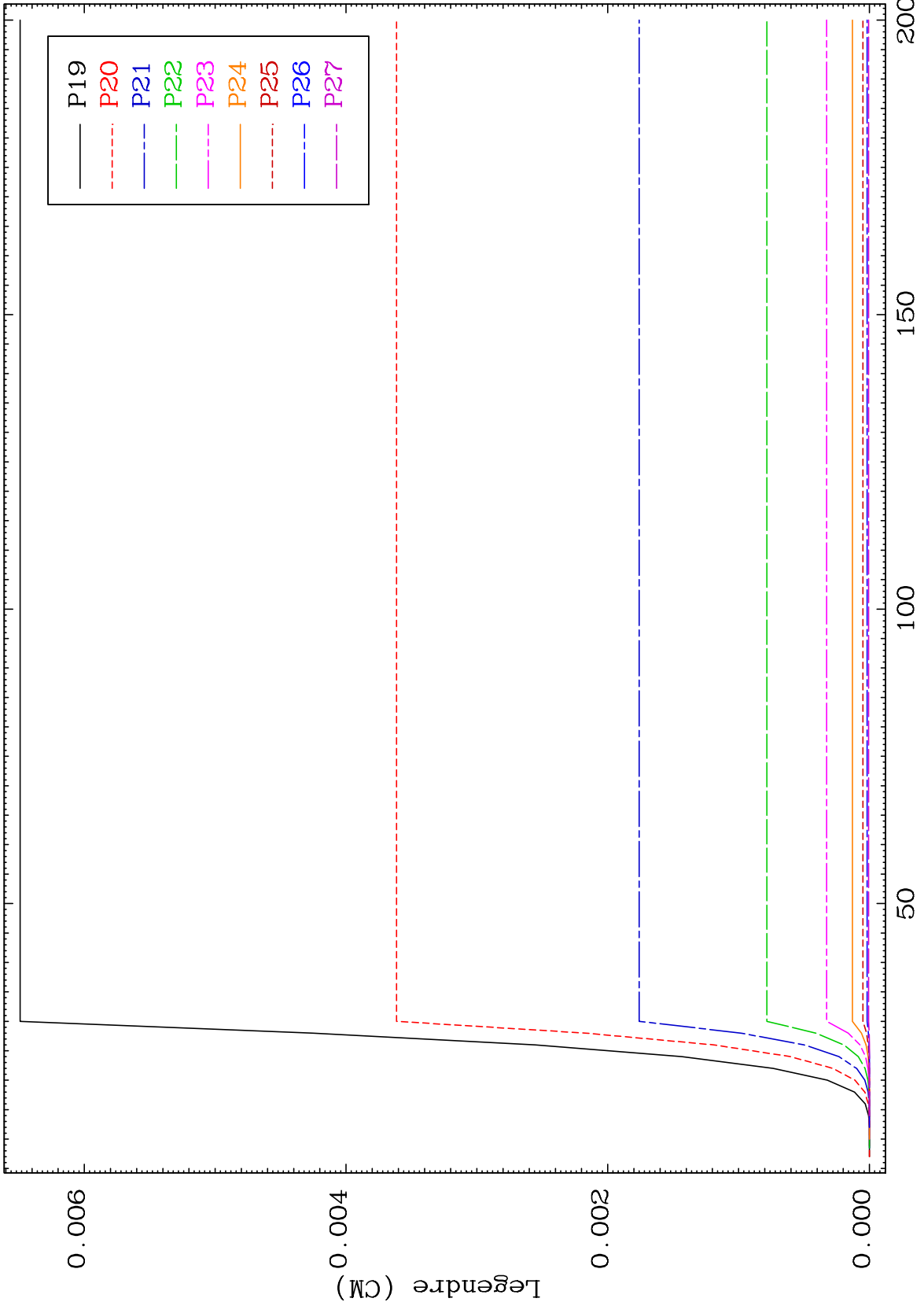


MAT 5022 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-111



21 50-Sn-111

MAT 5022 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-111

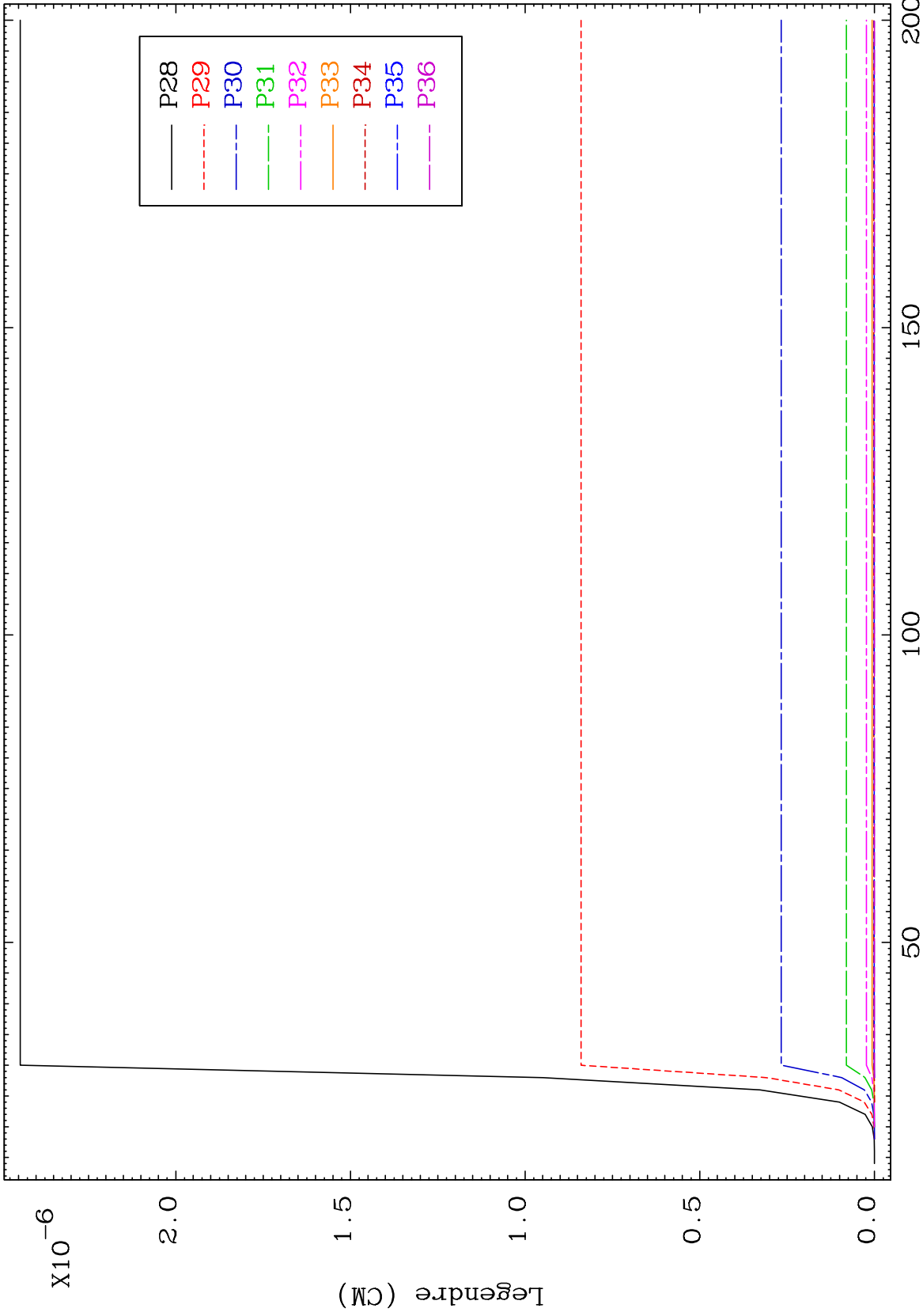


22 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

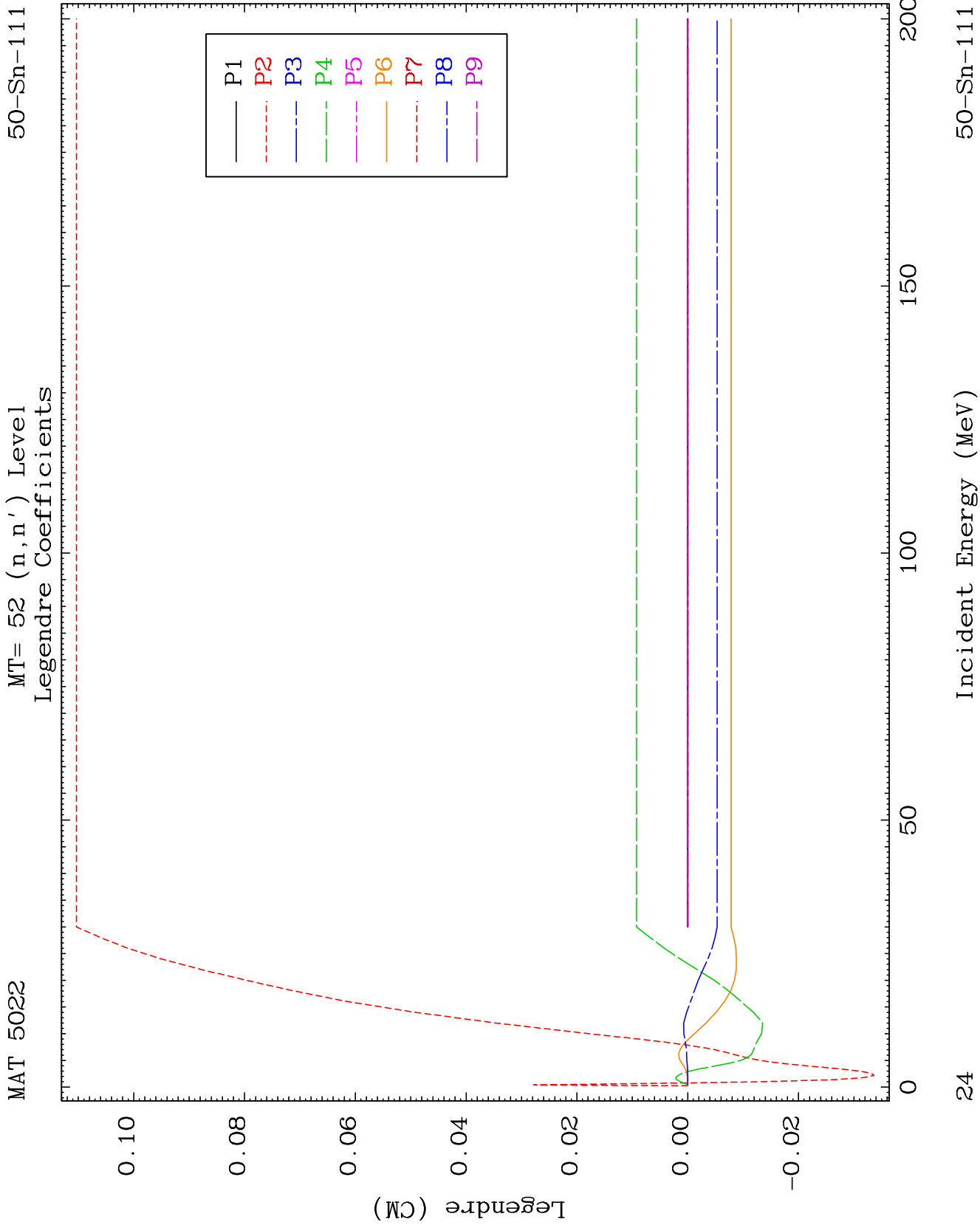
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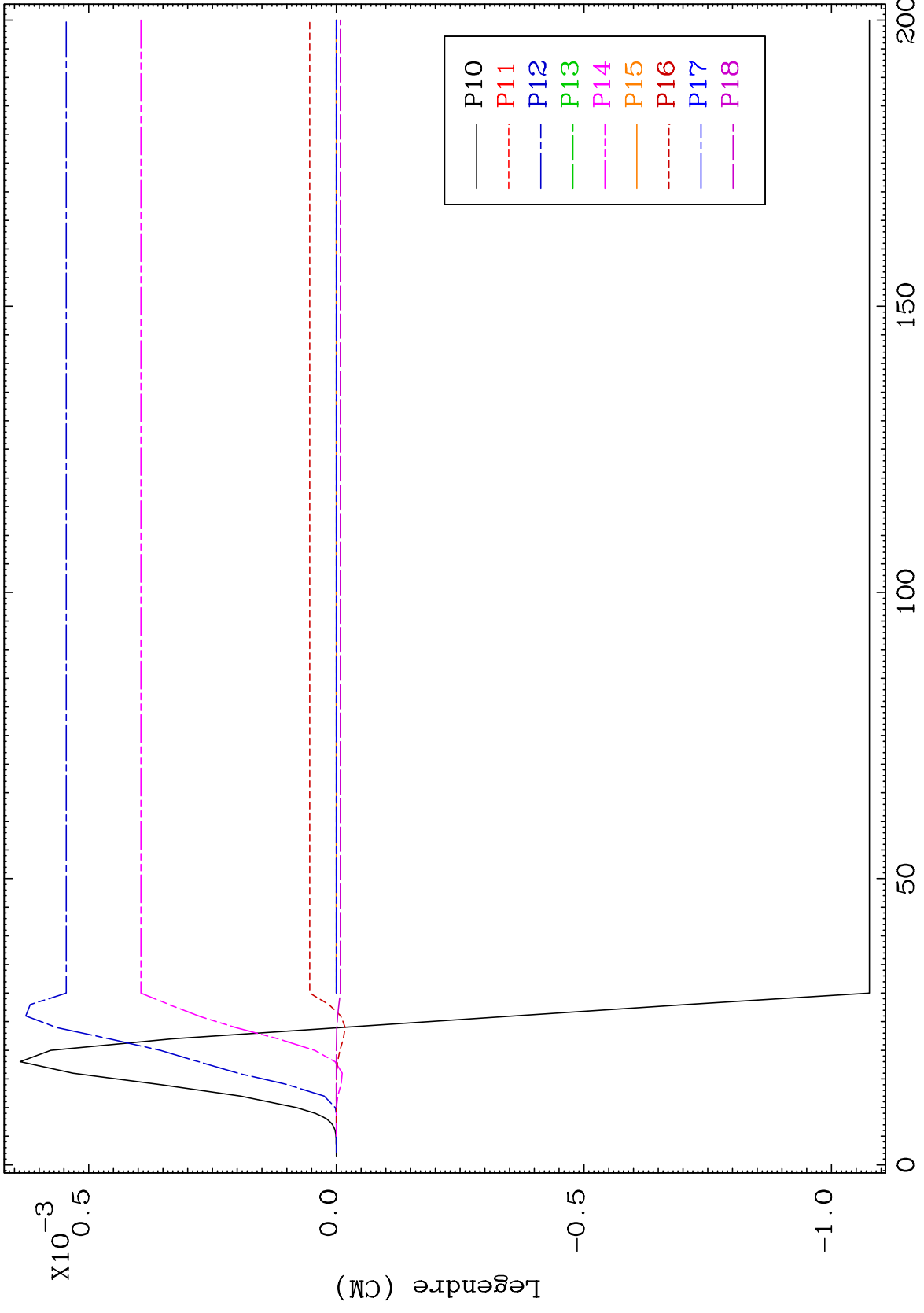
23

50-Sn-111



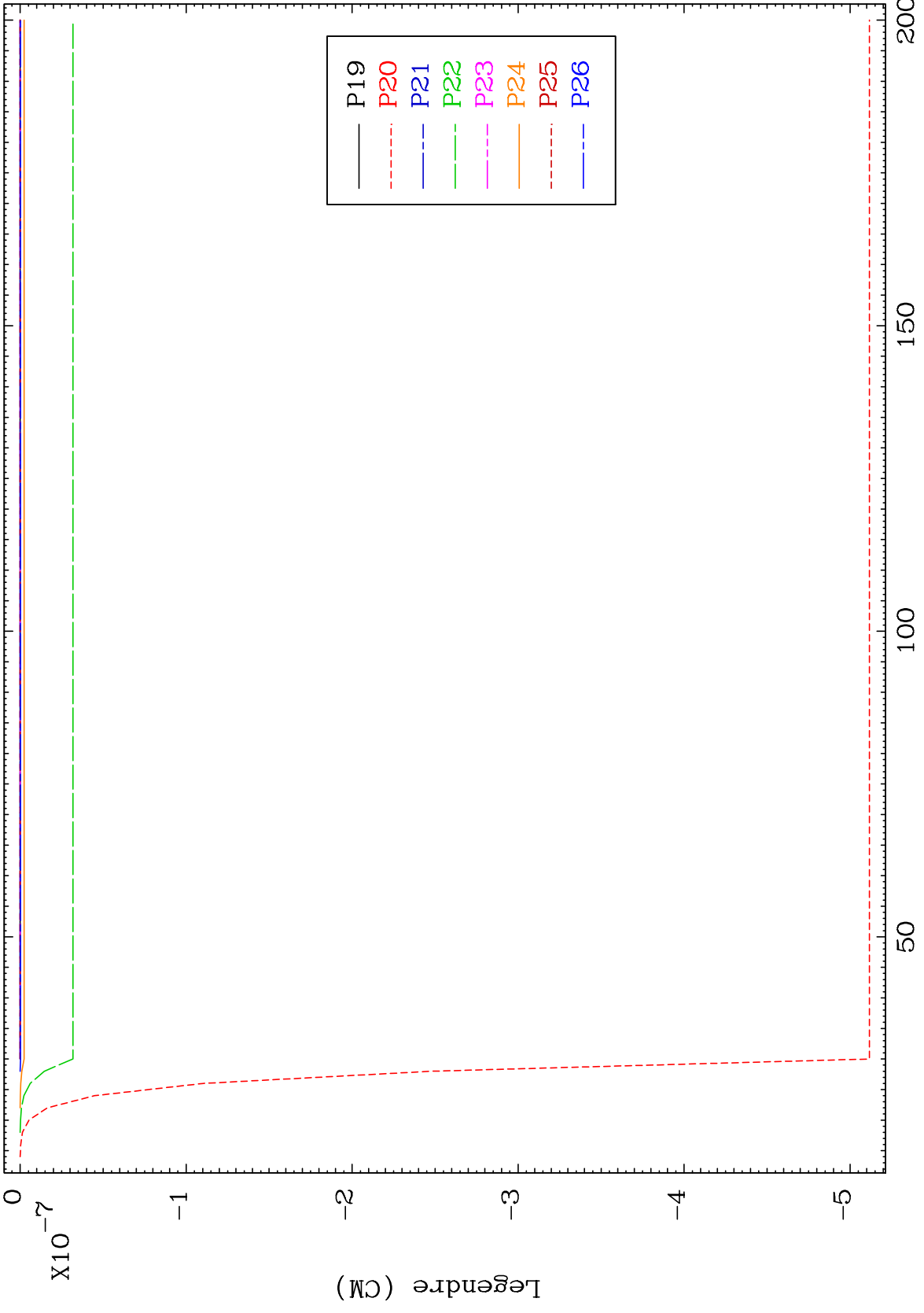


MAT 5022 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-111



25 Incident Energy (MeV) 50-Sn-111

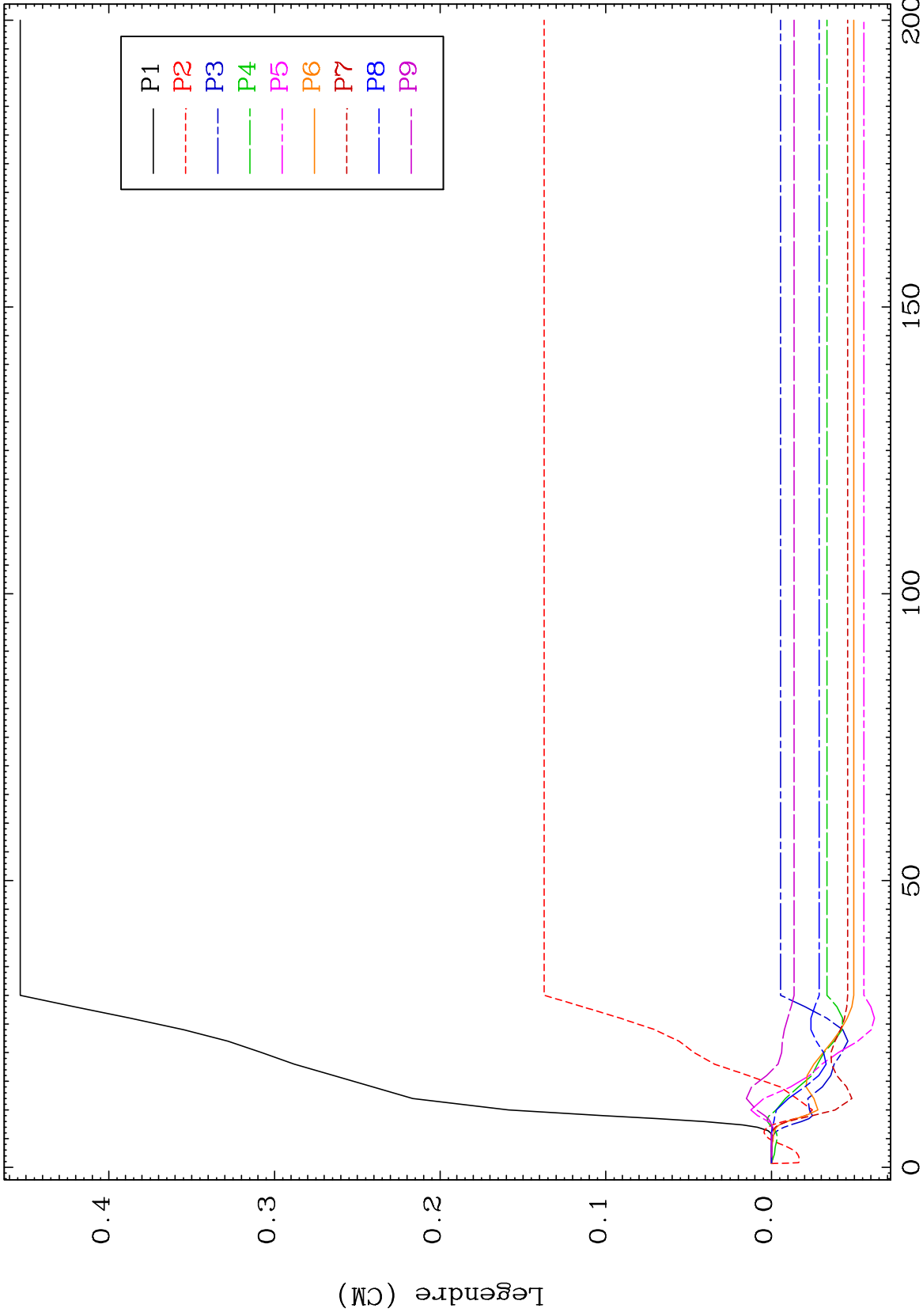
MAT 5022 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

50-Sn-111



27

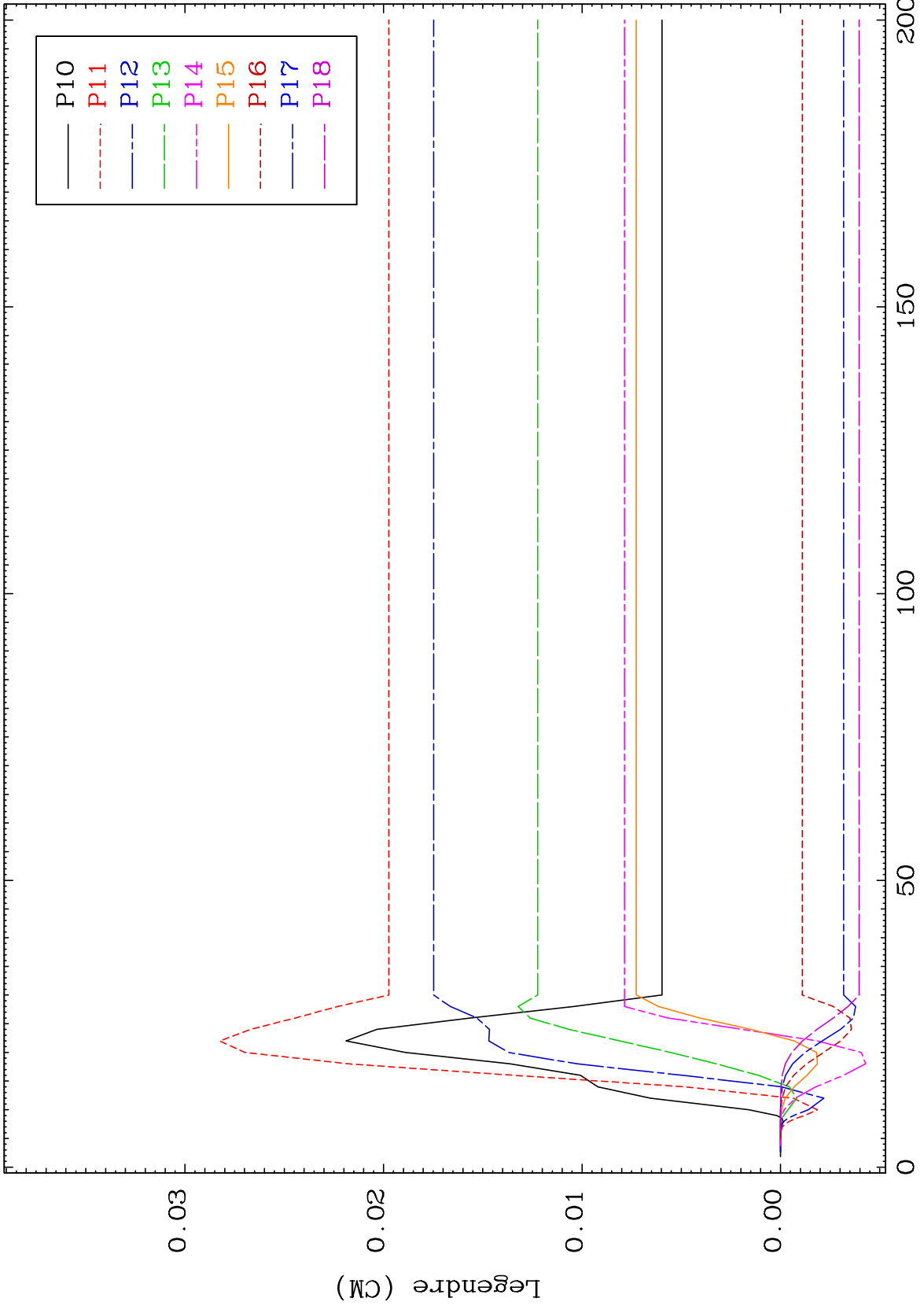
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111

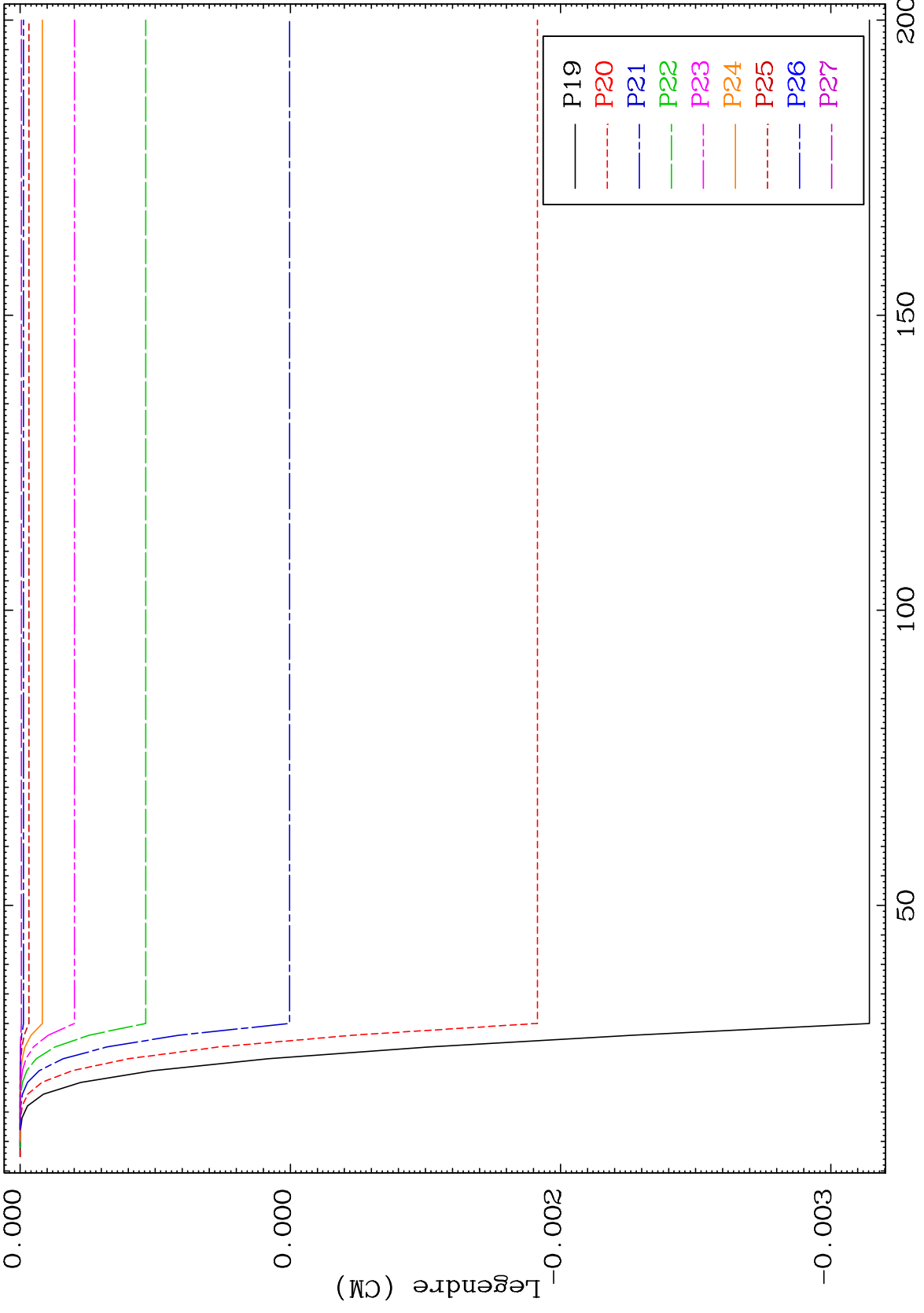


28

Incident Energy (MeV)

50-Sn-111

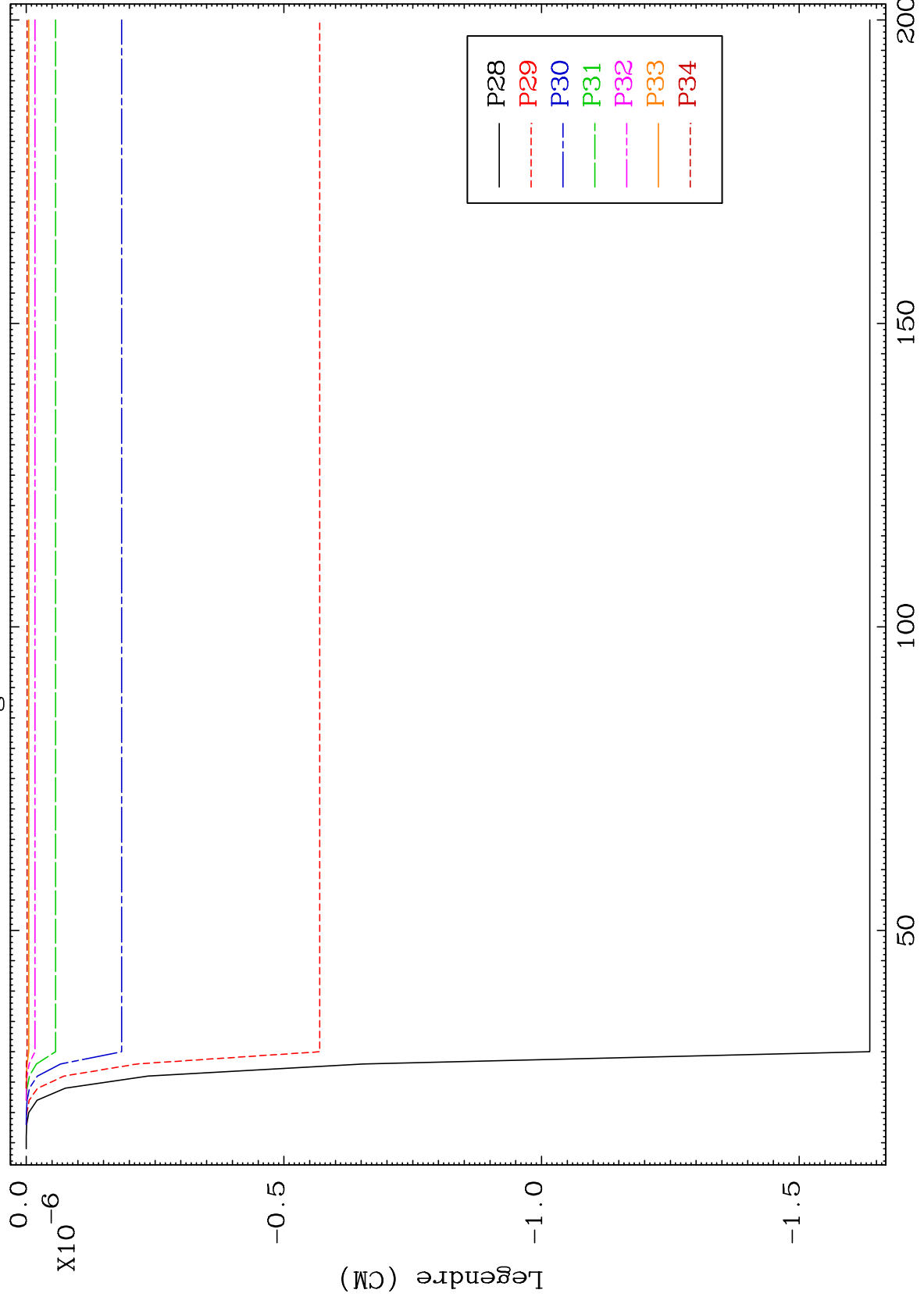
MAT 5022 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022 MT= 53 (n,n') Level

50-Sn-111

Legendre Coefficients

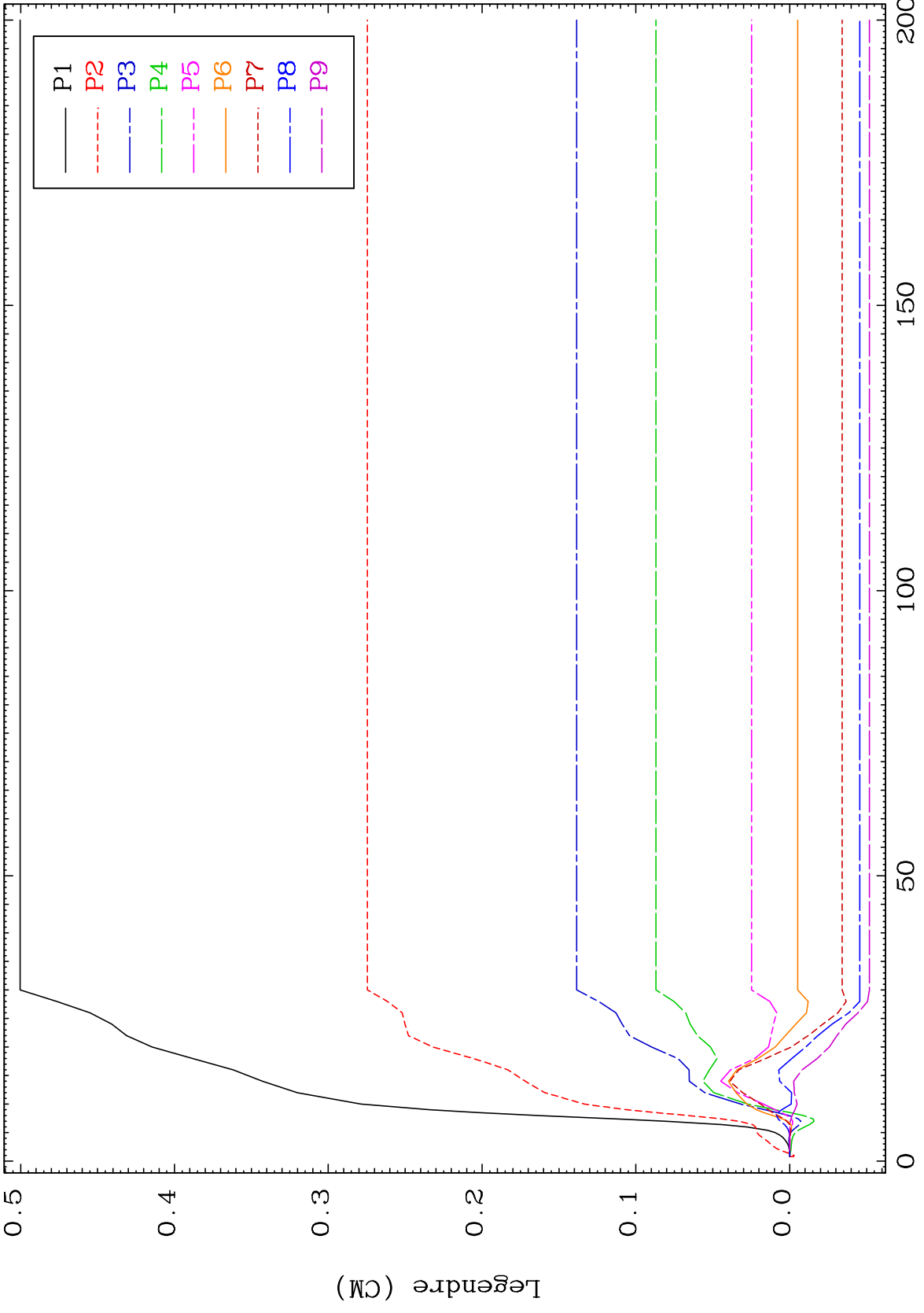


50-Sn-111

Incident Energy (MeV)

30

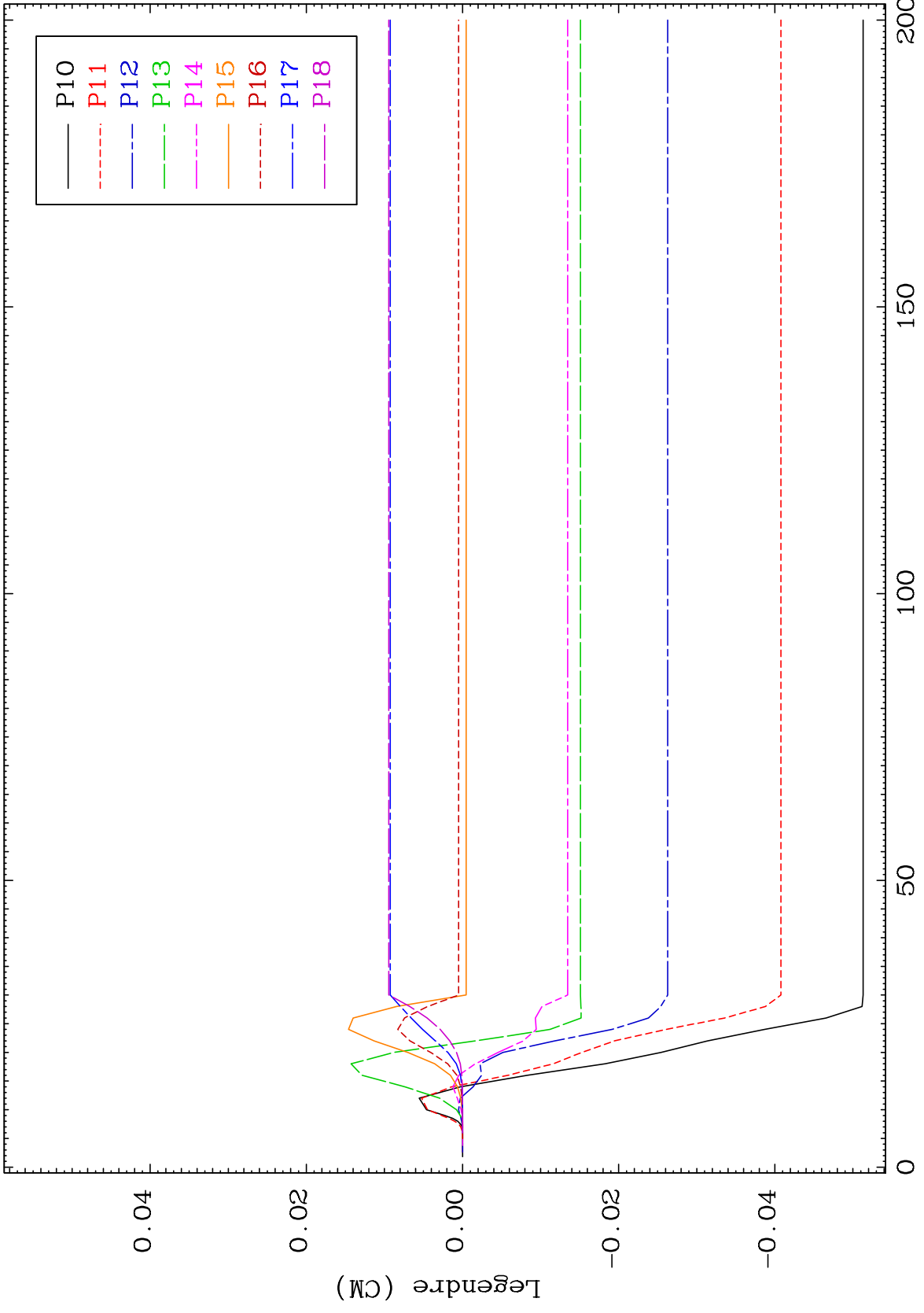
MAT 5022 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-111



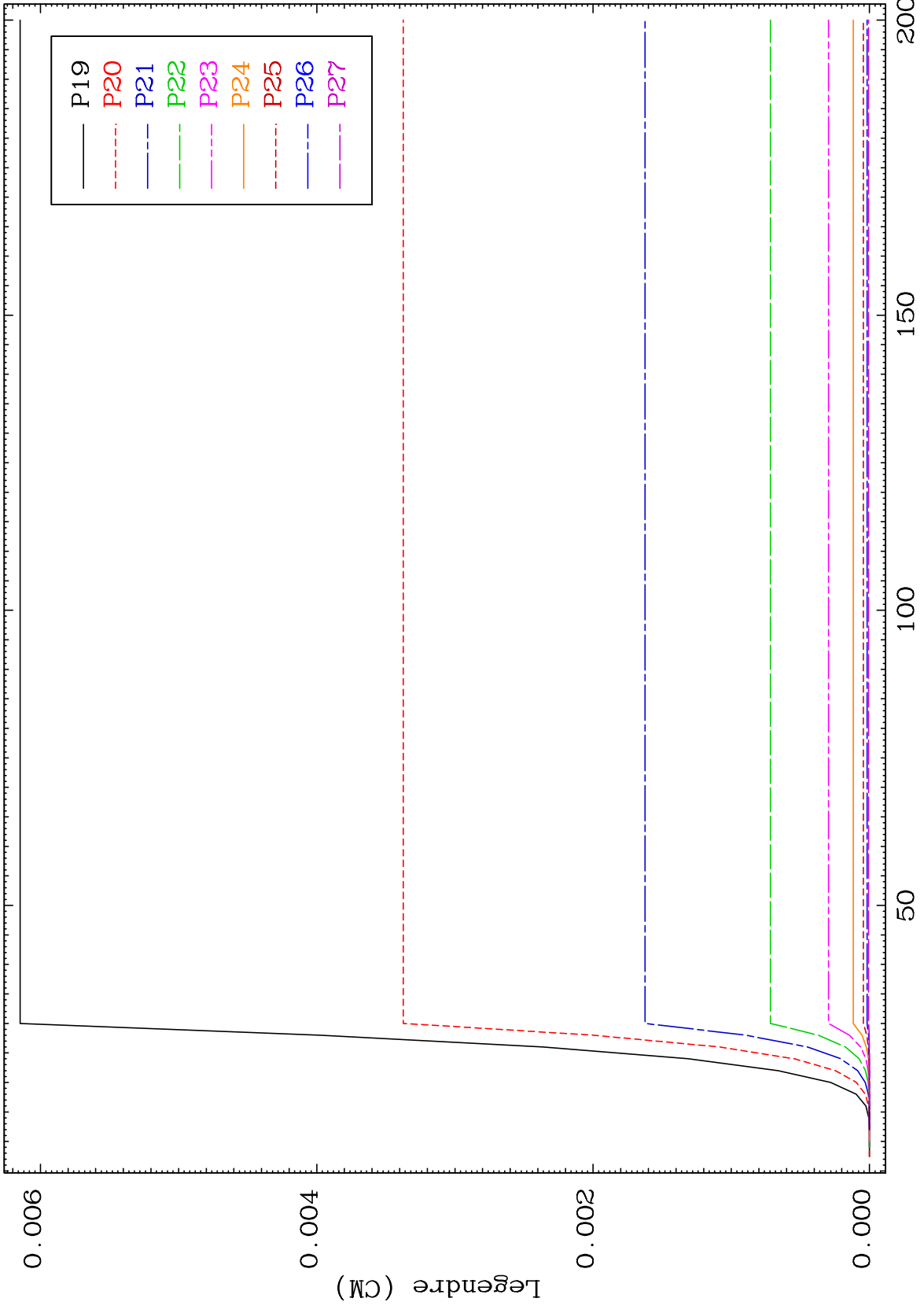
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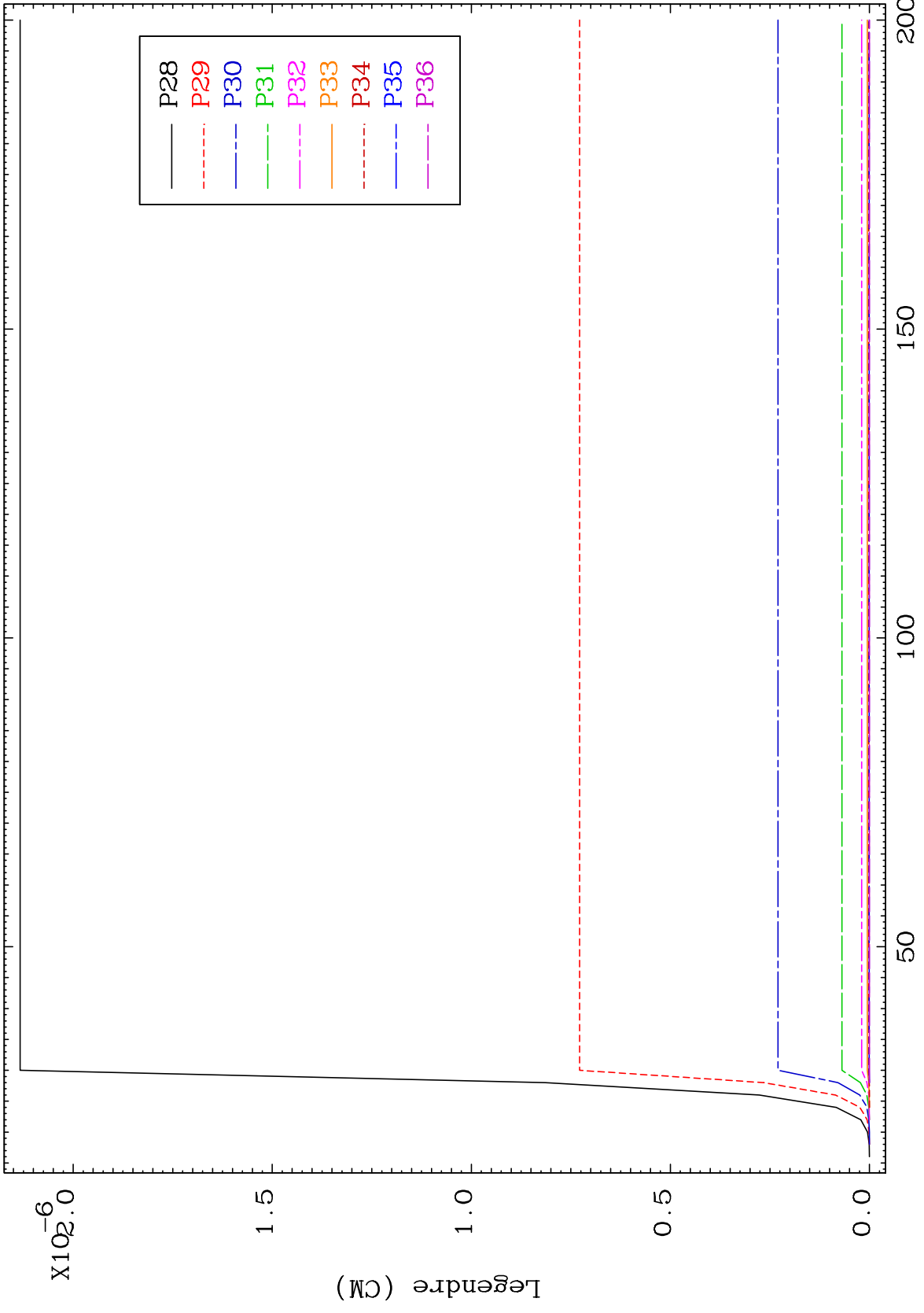
MAT 5022 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-111



32 Incident Energy (MeV) 50-Sn-111

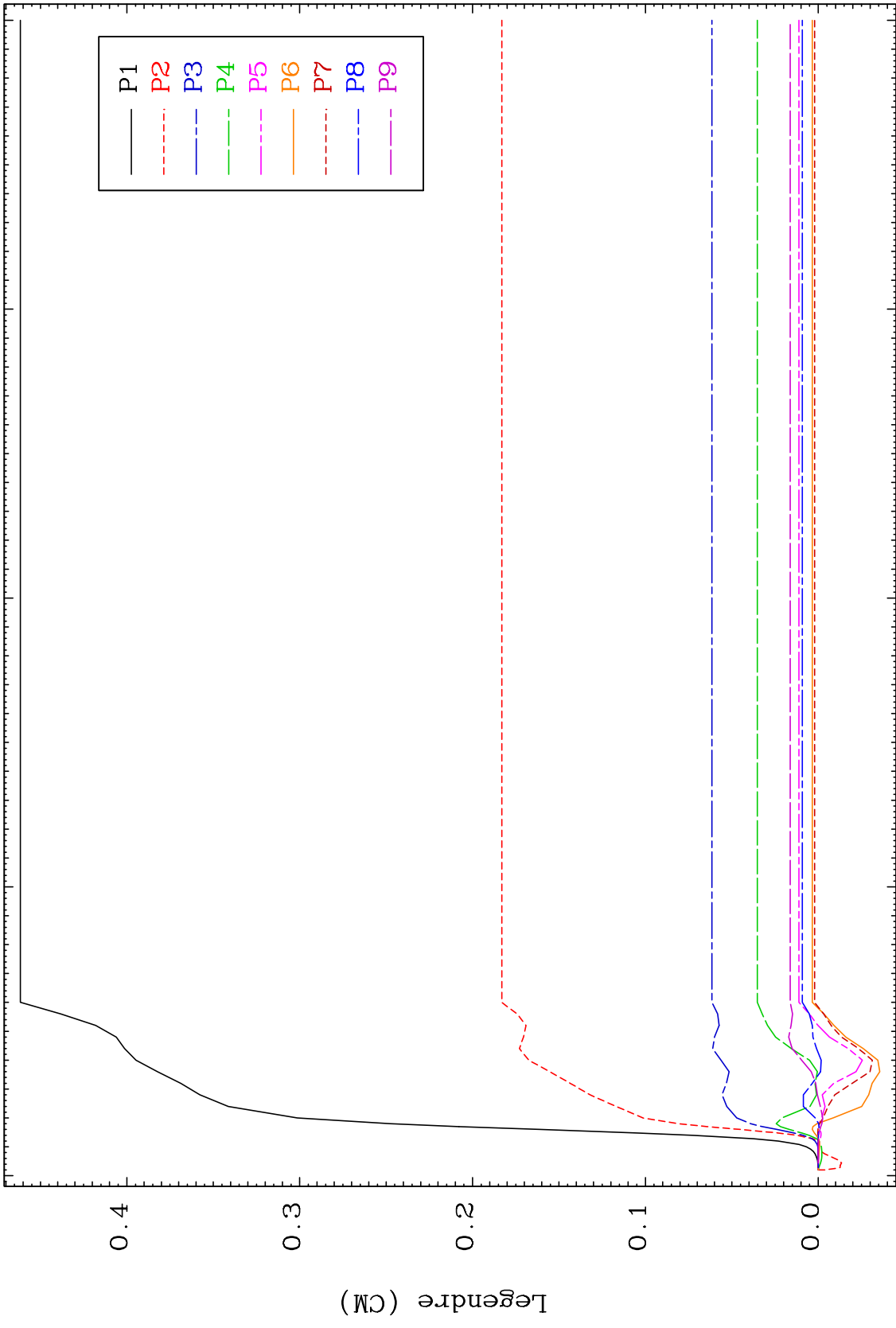


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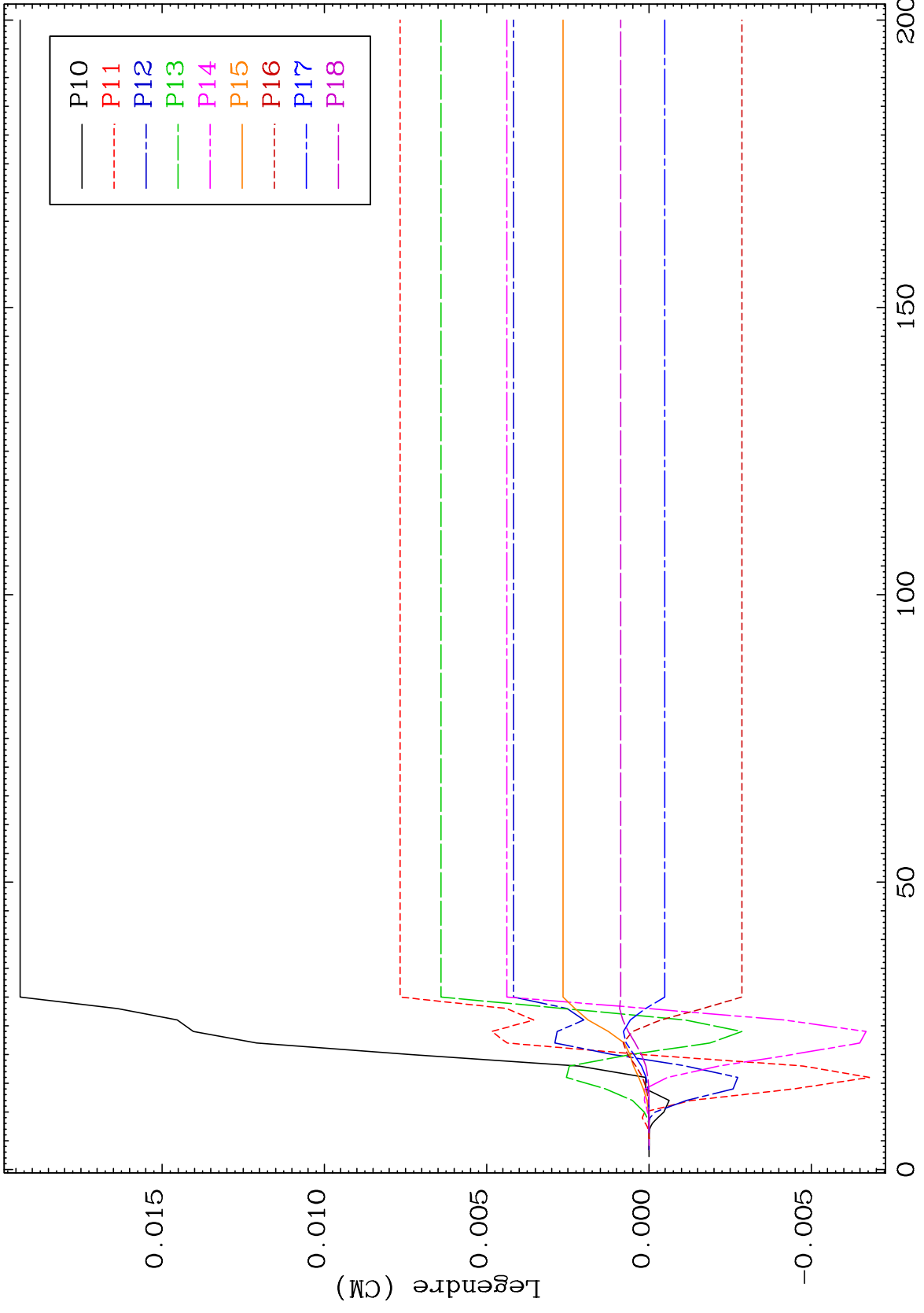
34 50-Sn-111

MAT 5022 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-111



Incident Energy (MeV) 50-Sn-111

MAT 5022 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-111

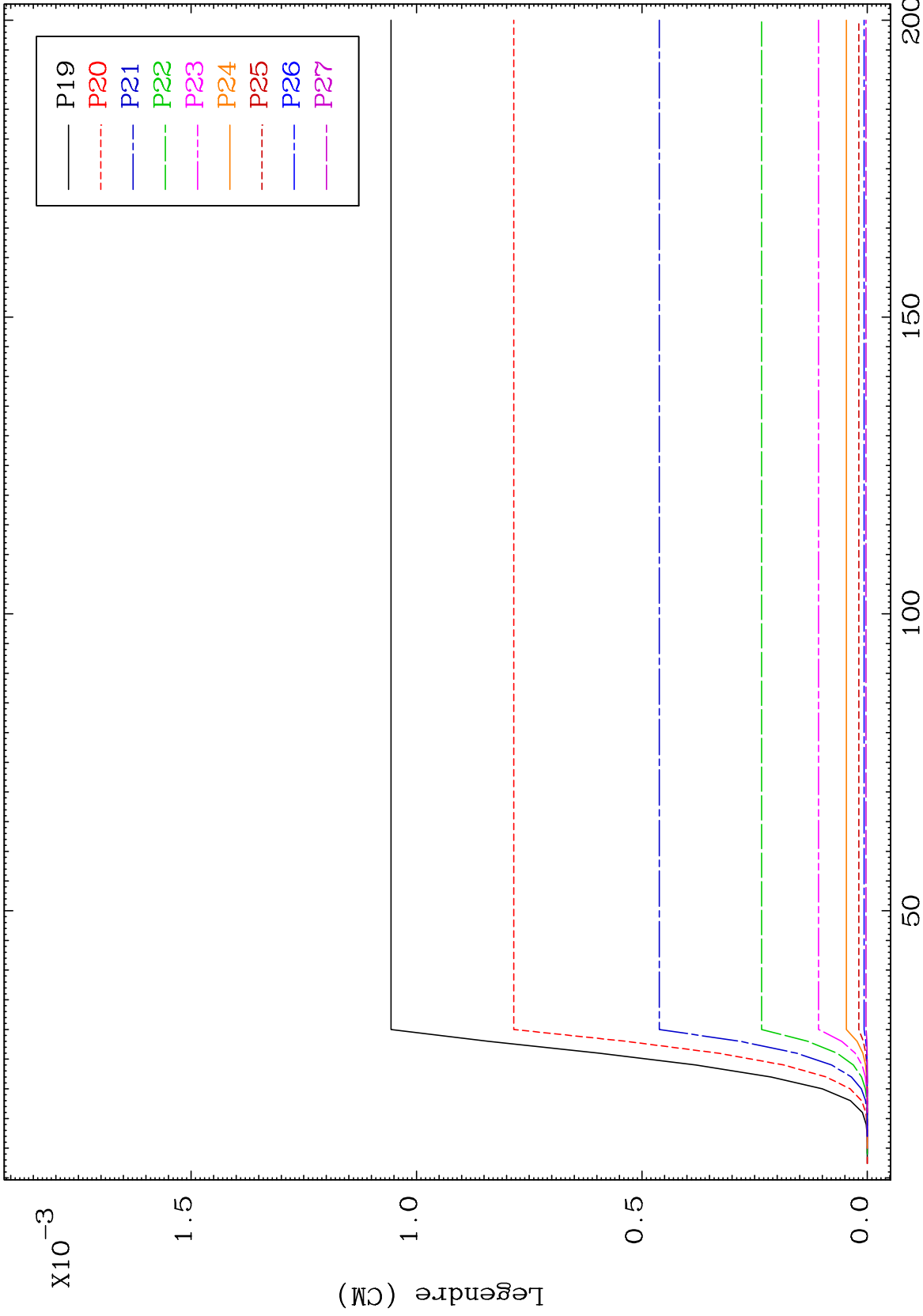


36 50-Sn-111

MAT 5022

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

50-Sn-111



37

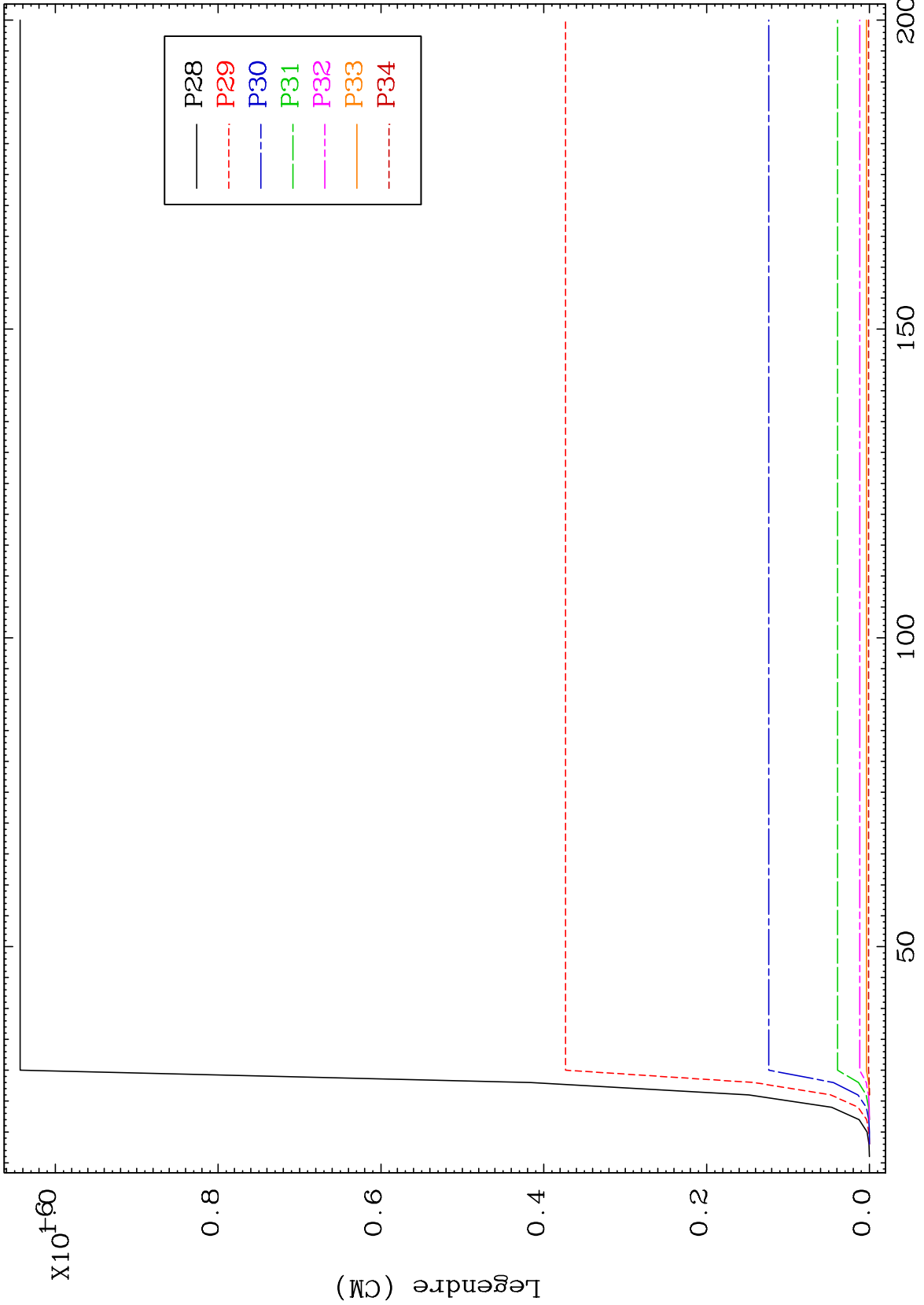
Incident Energy (MeV)

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MAT 5022

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

50-Sn-111

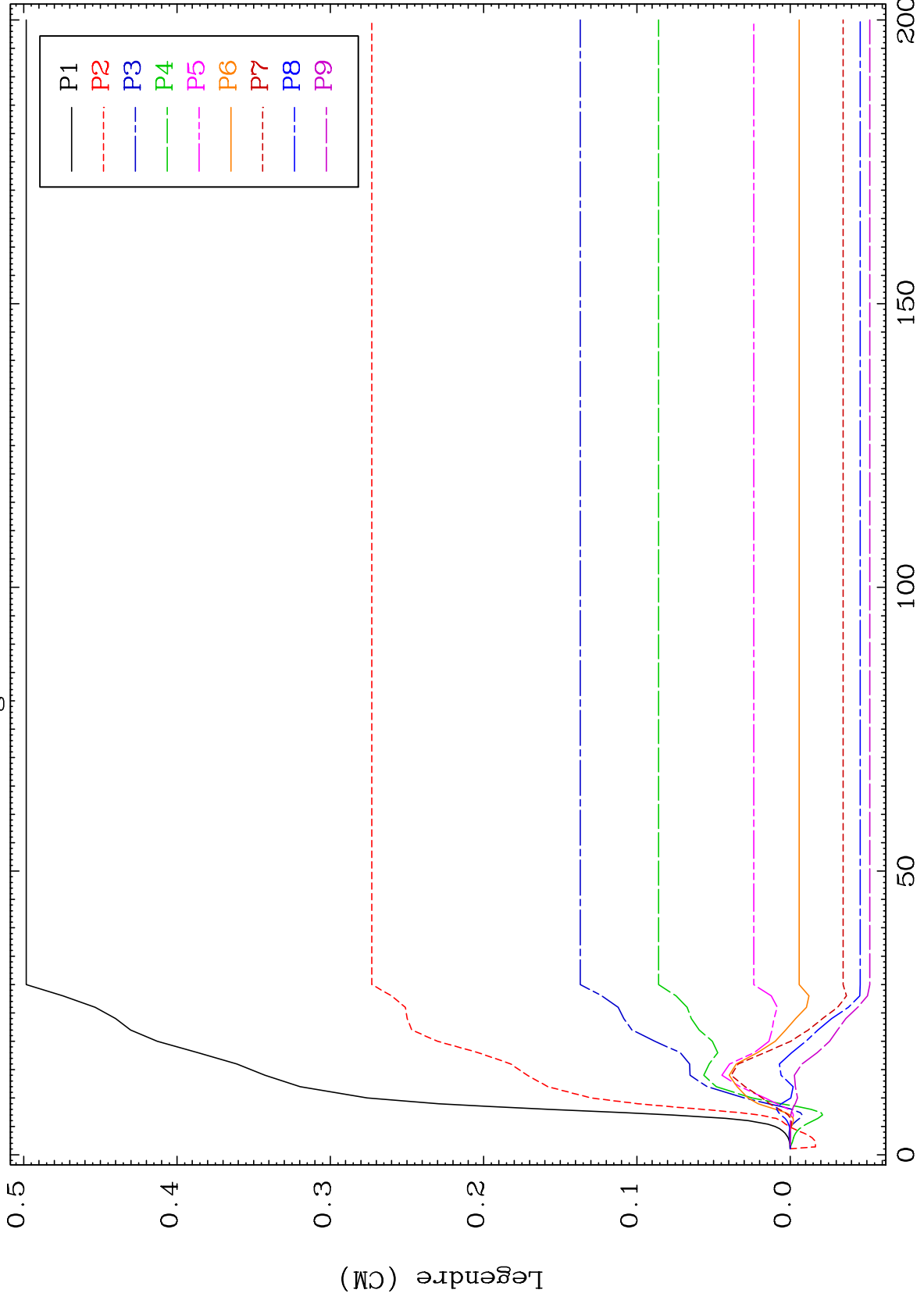


38

Incident Energy (MeV)

50-Sn-111

MAT 5022 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-111



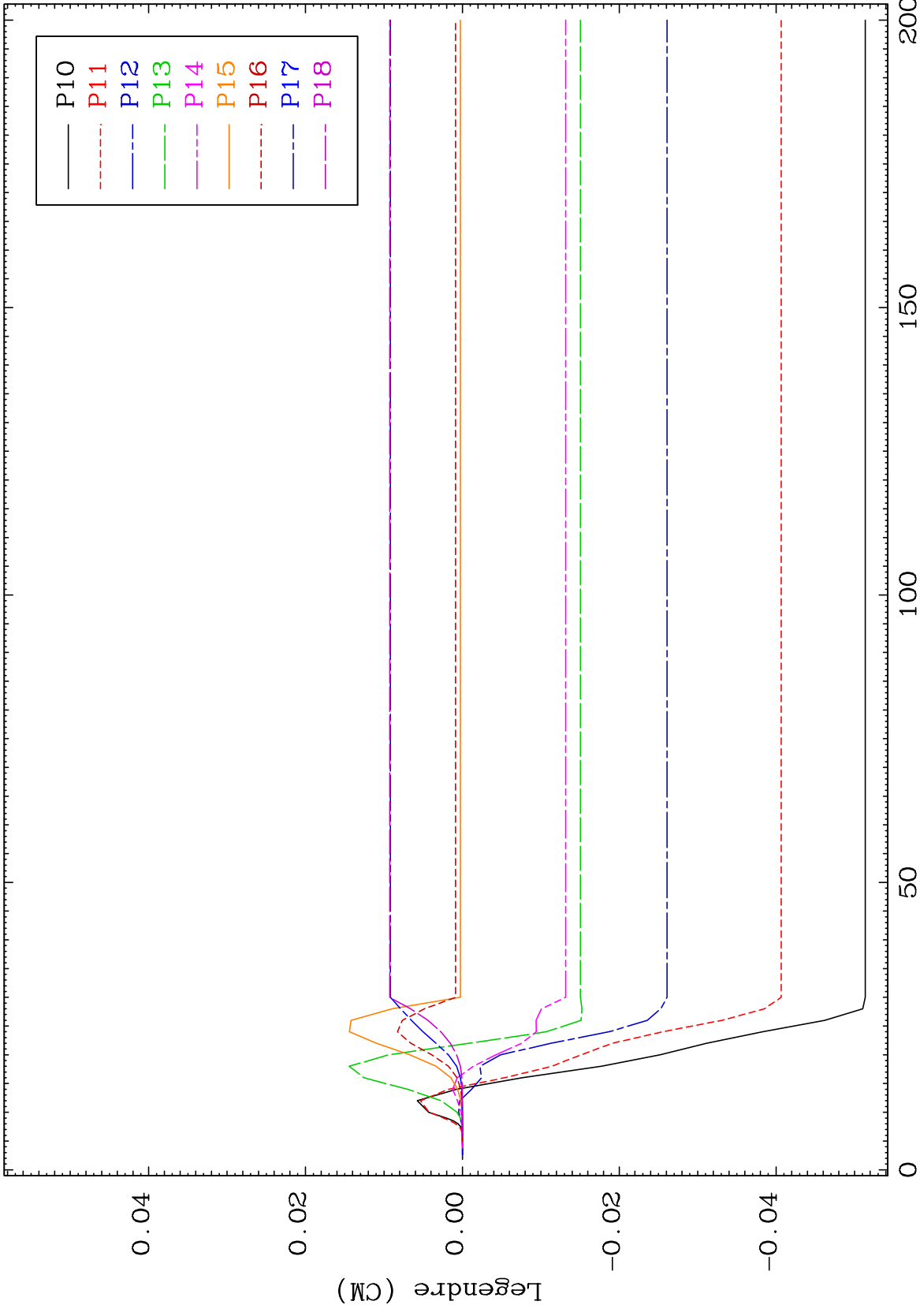
39 50-Sn-111



MAT 5022

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

50-Sn-111

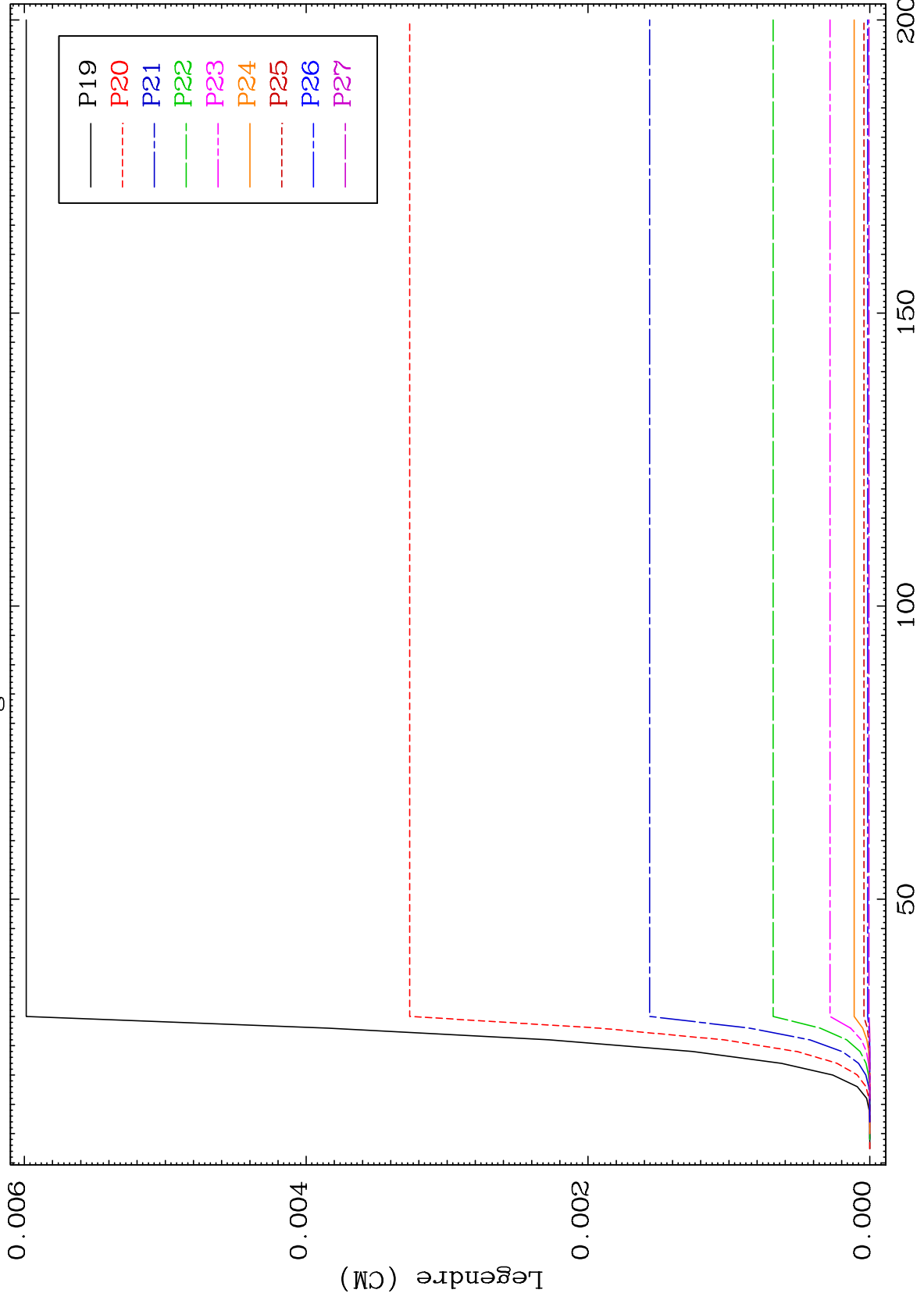


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Incident Energy (MeV)

50-Sn-111

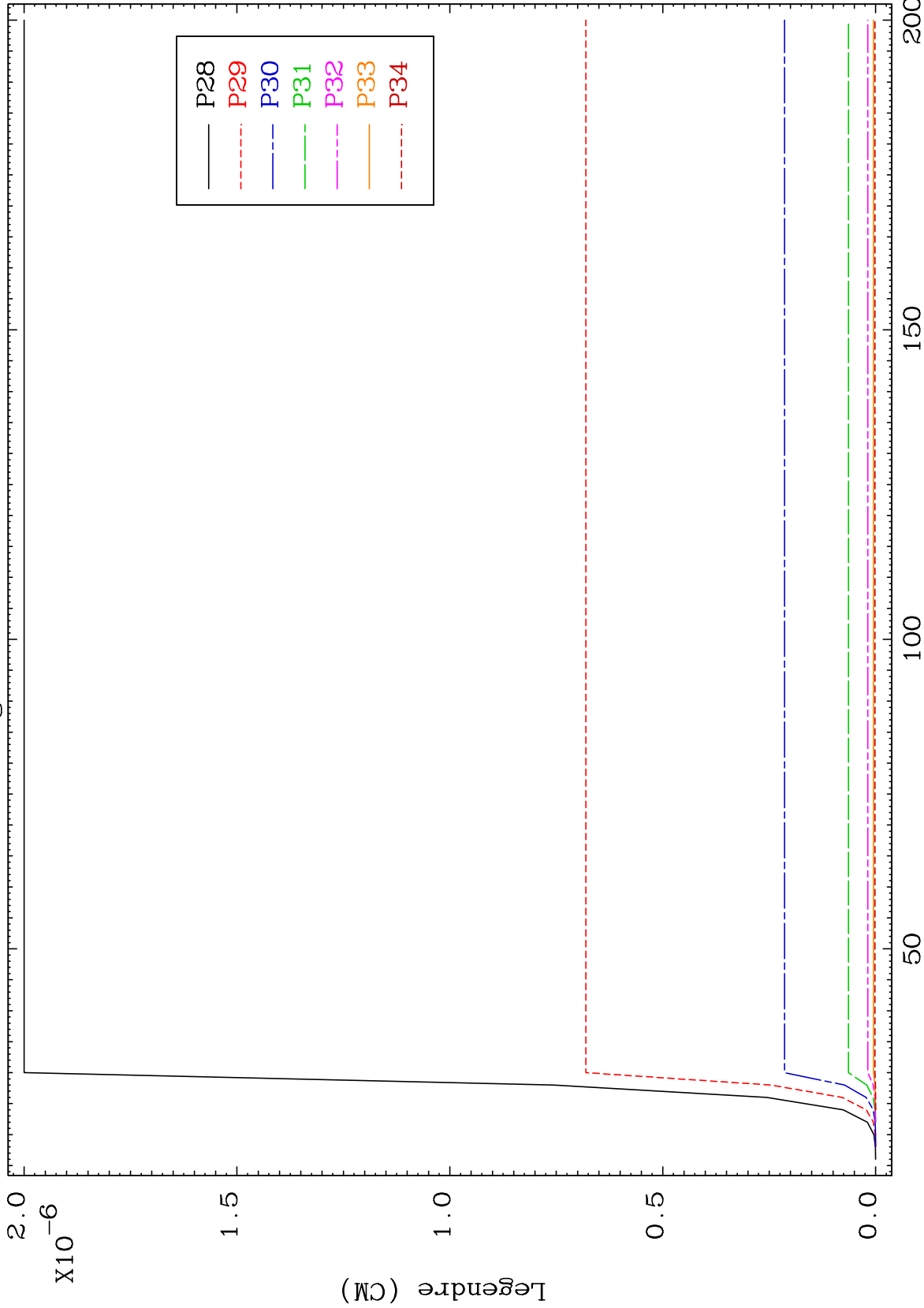
MAT 5022 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

50-Sn-111

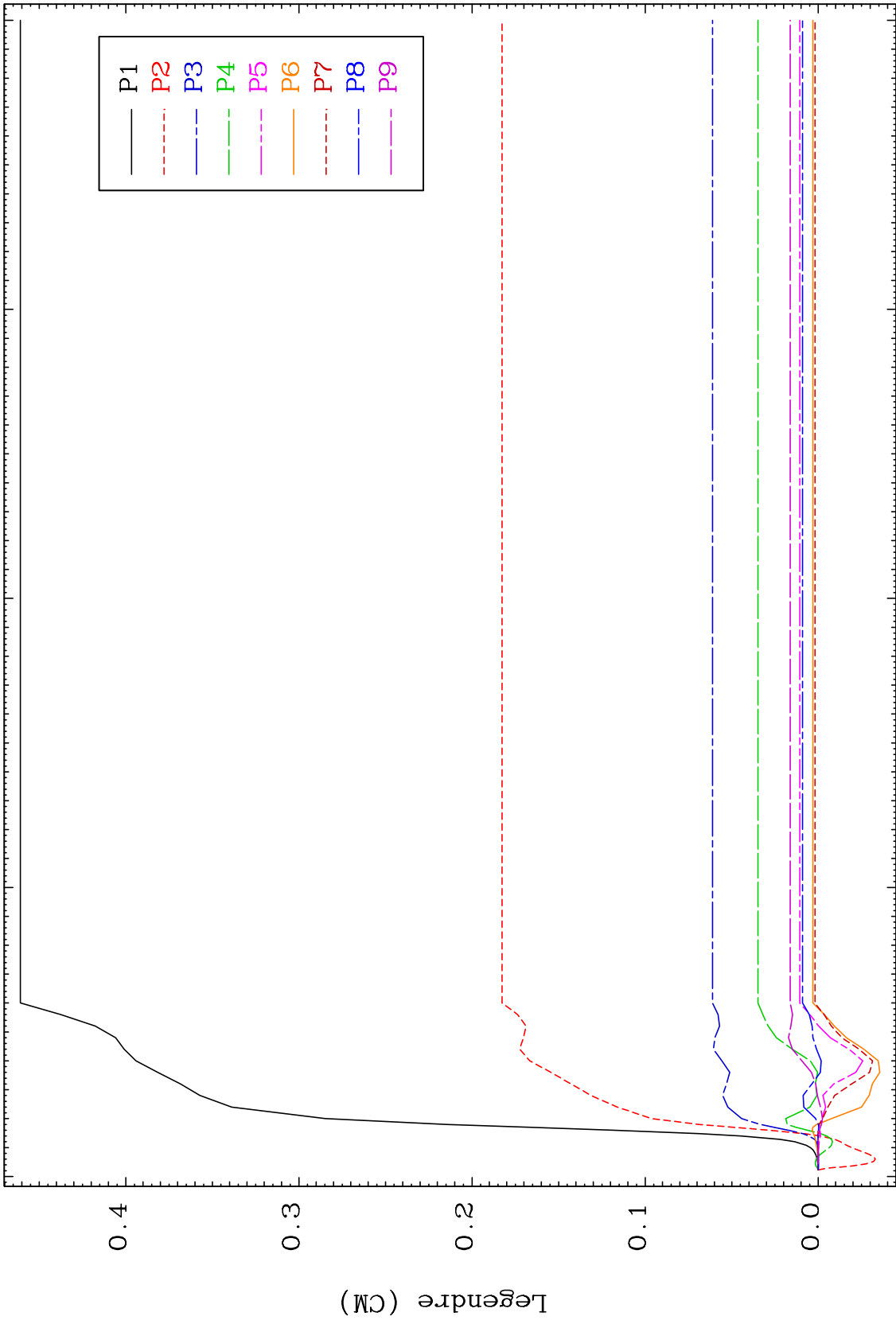


42

Incident Energy (MeV)

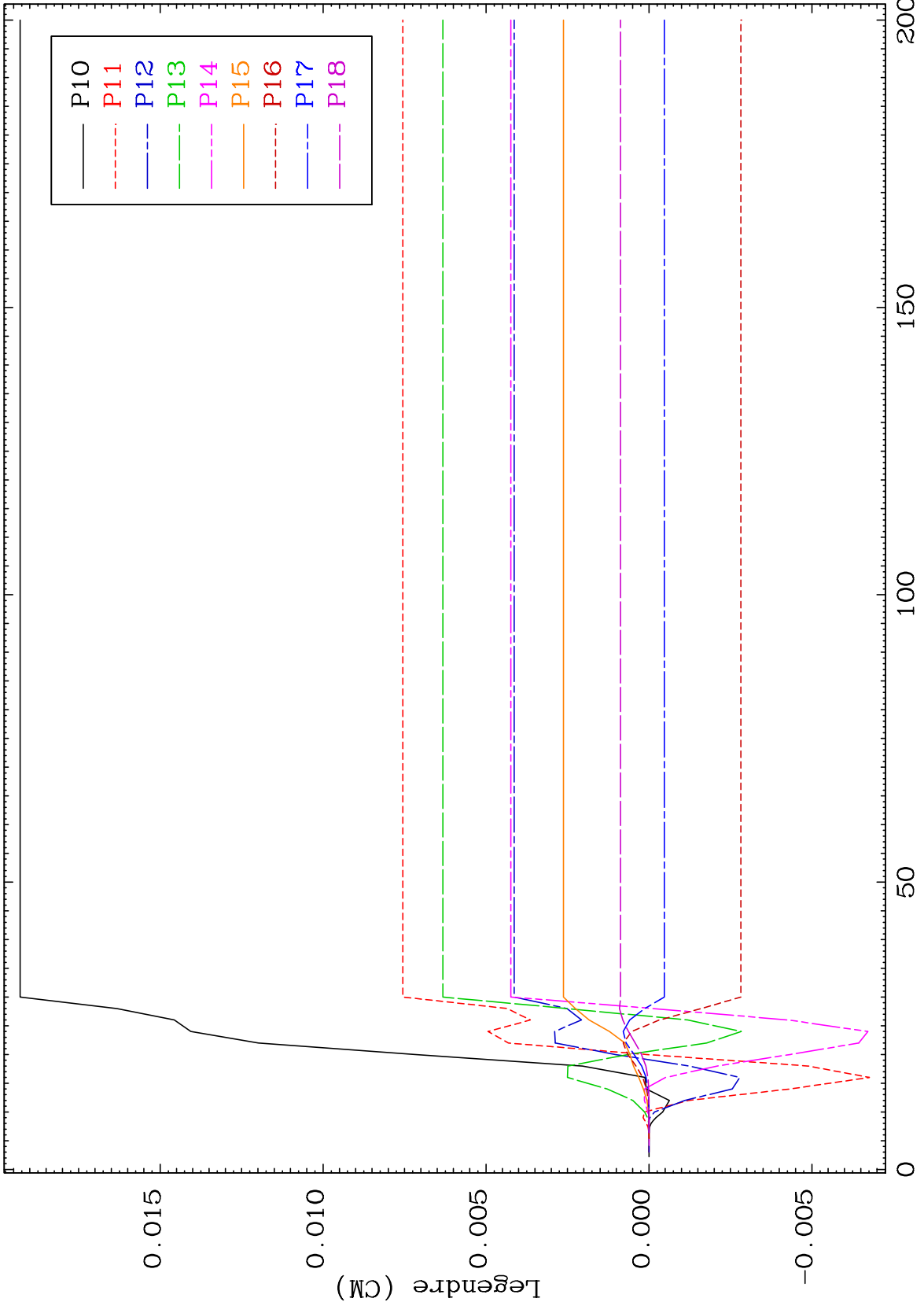
50-Sn-111

MAT 5022 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-111



43 Incident Energy (MeV) 50-Sn-111

MAT 5022 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-111

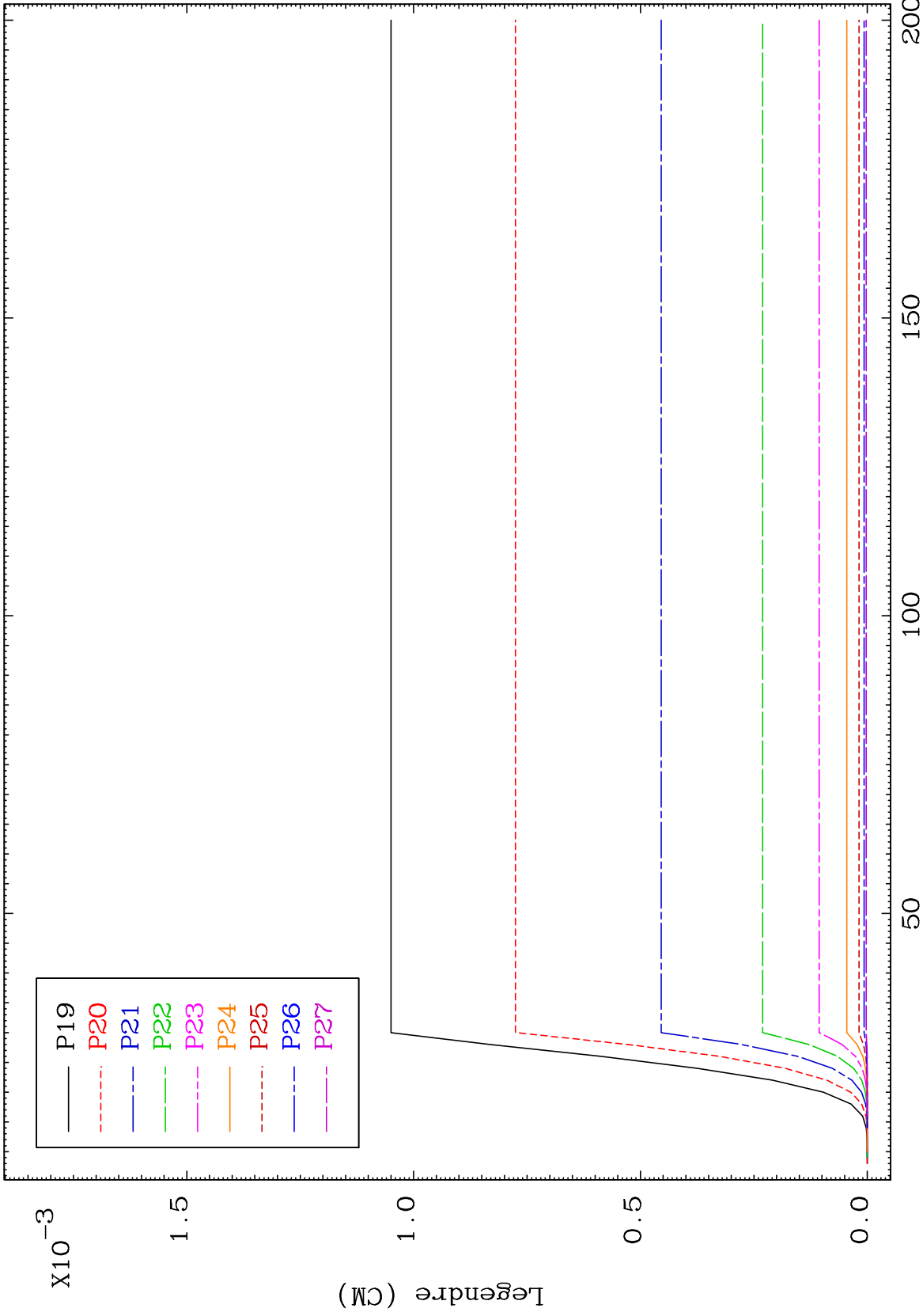


44 50-Sn-111

MAT 5022

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

50-Sn-111



45

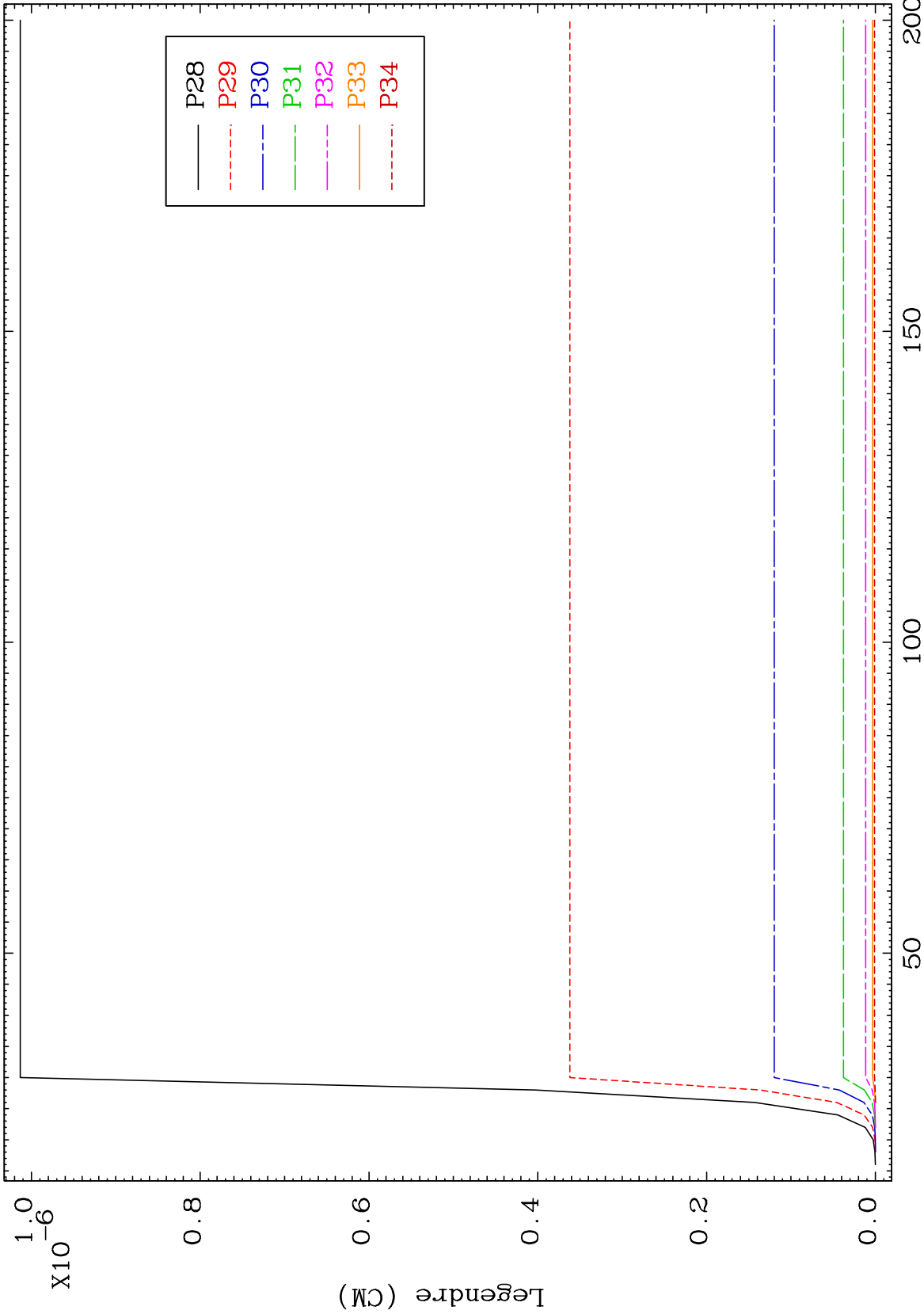
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111

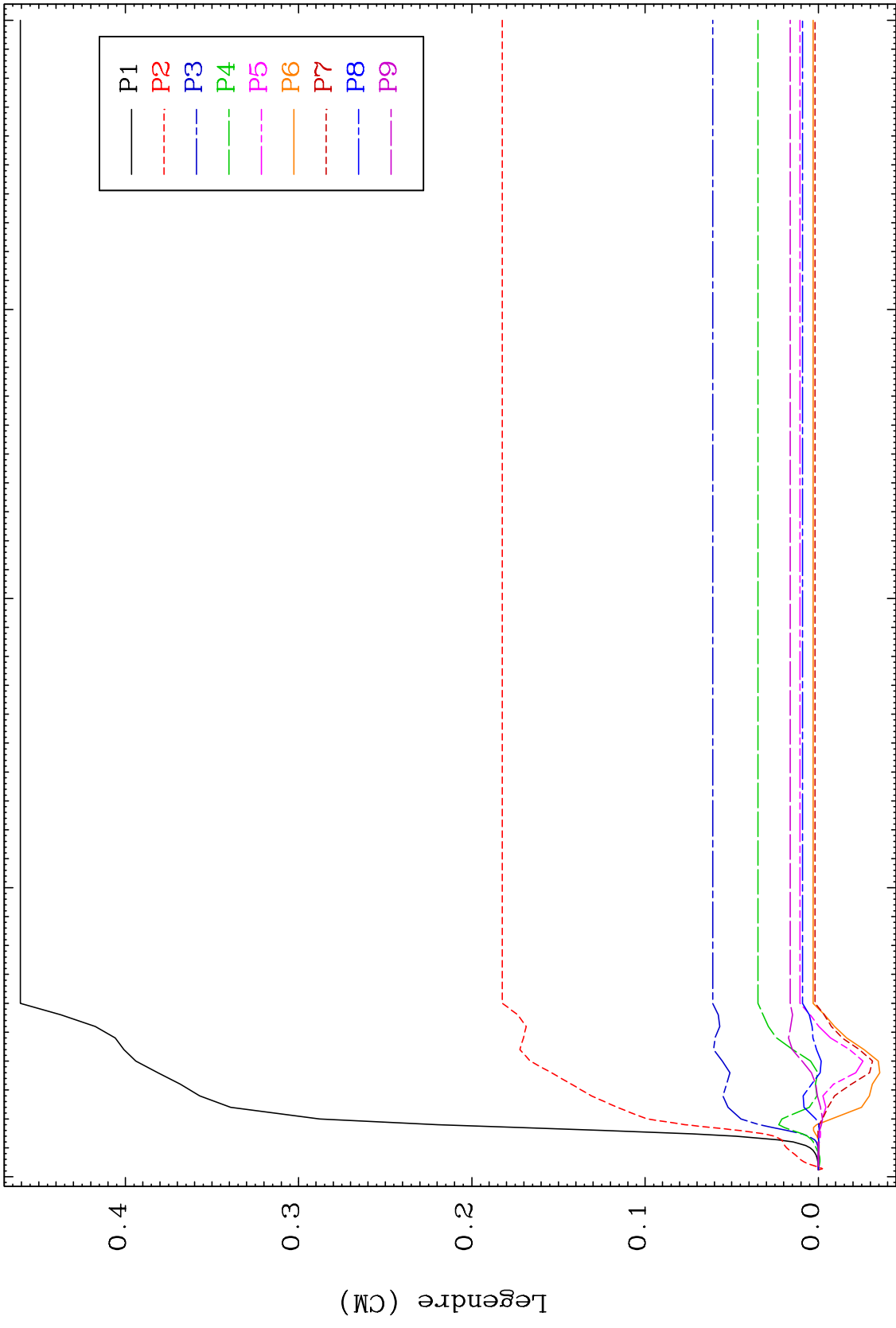


46

Incident Energy (MeV)

50-Sn-111

MAT 5022 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-111



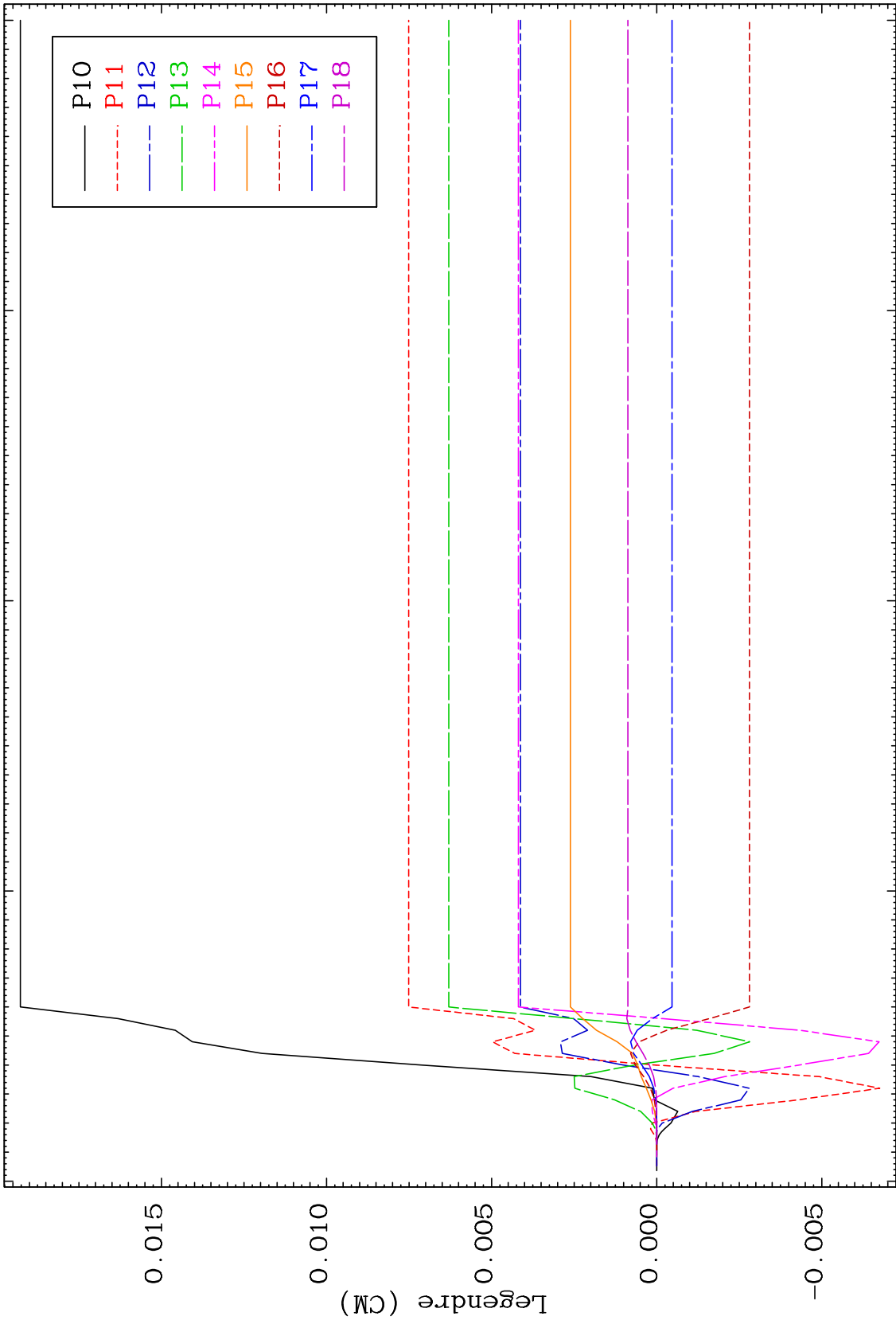
47 Incident Energy (MeV) 50-Sn-111



MAT 5022

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

50-Sn-111



48

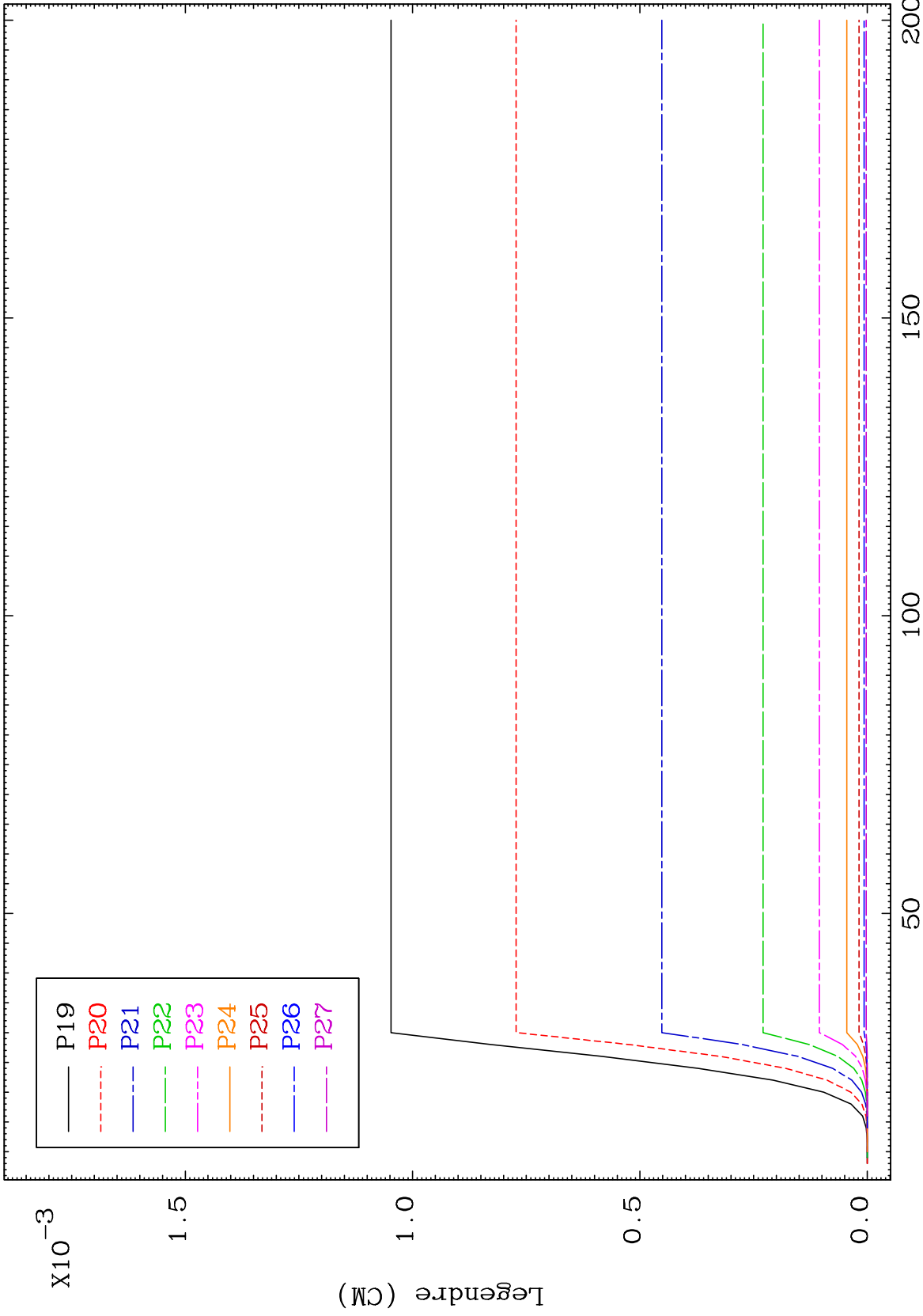
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111



49

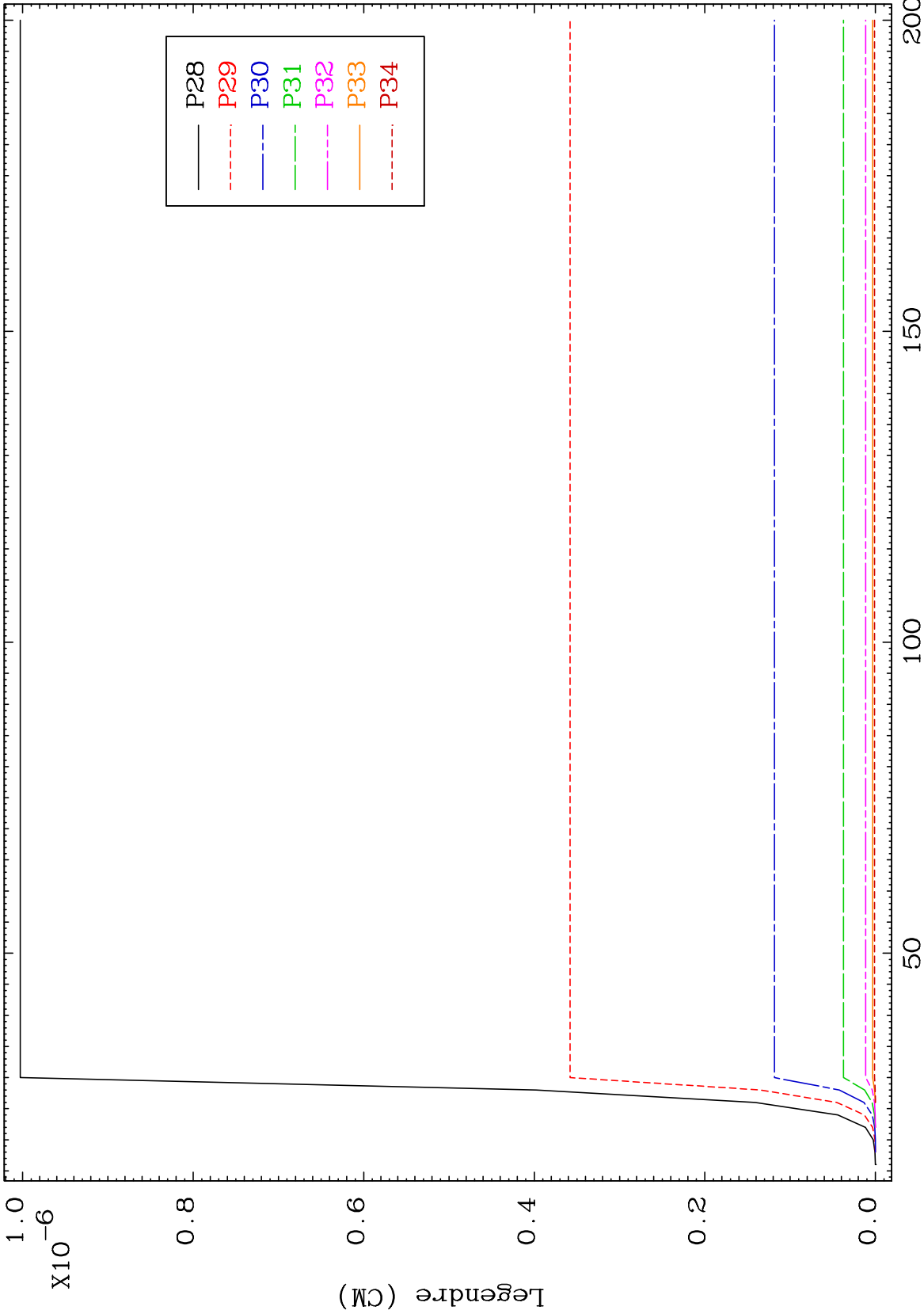
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111

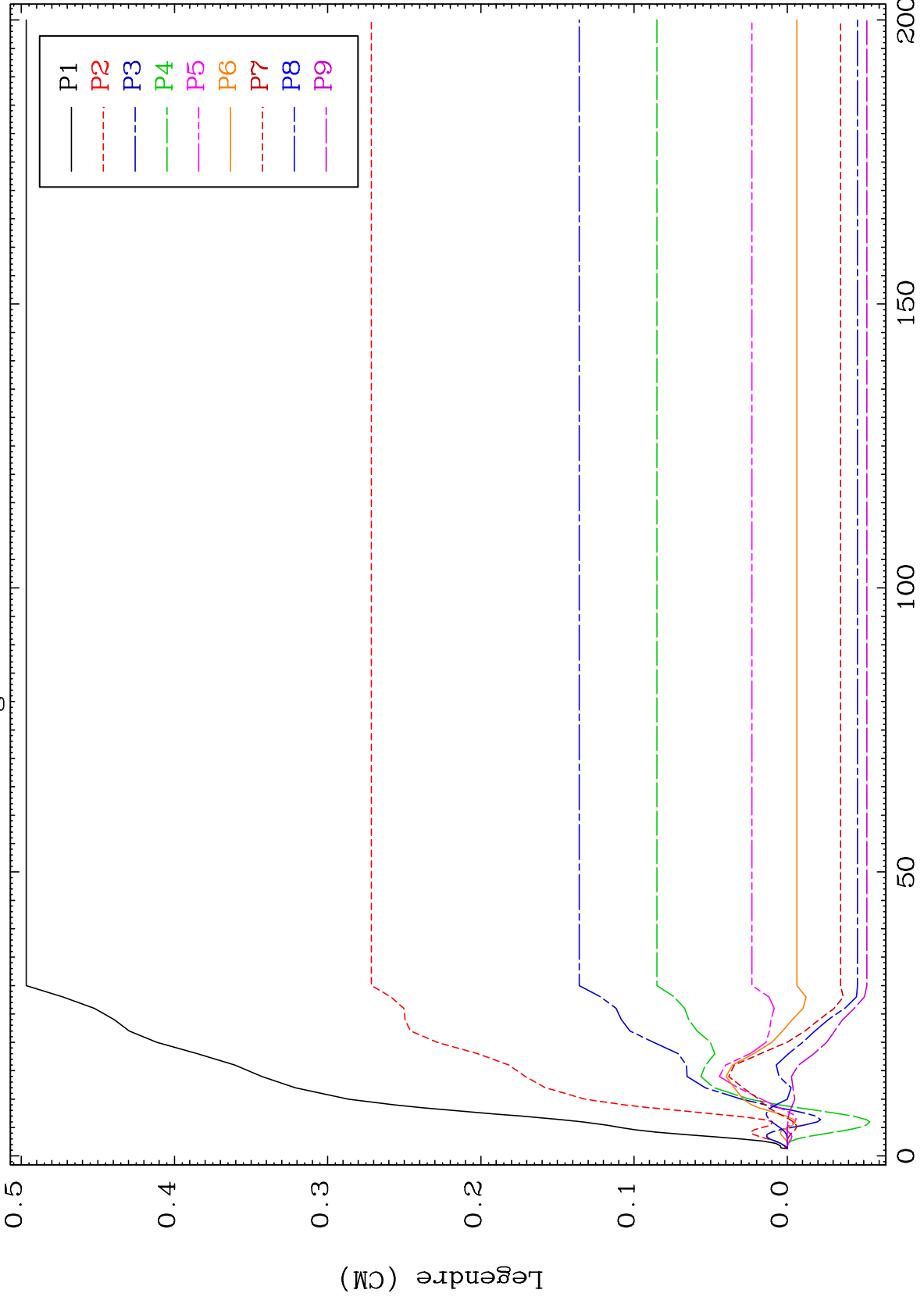


50

Incident Energy (MeV)

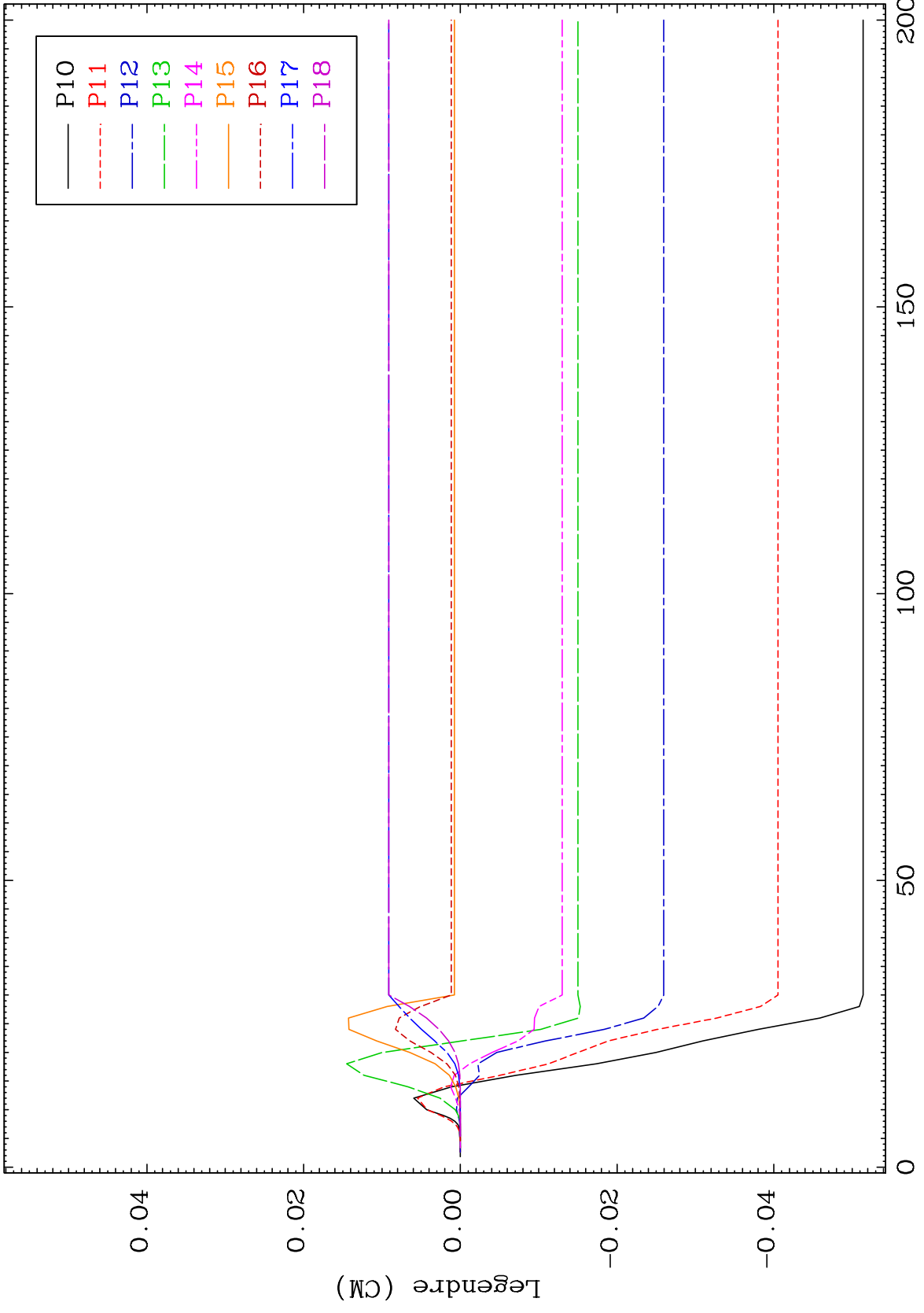
50-Sn-111

MAT 5022 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-111



51

MAT 5022 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-111

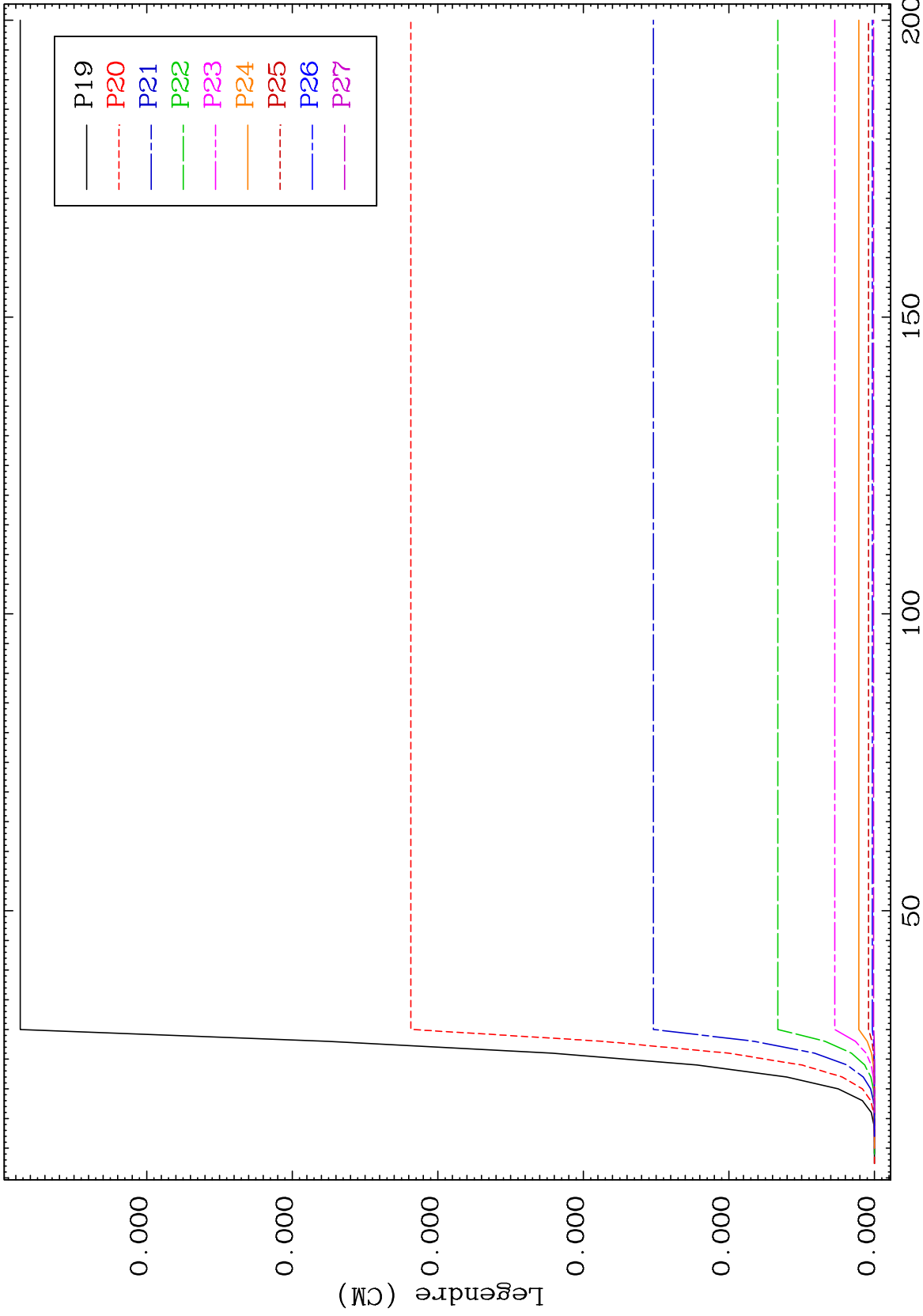


52 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



53

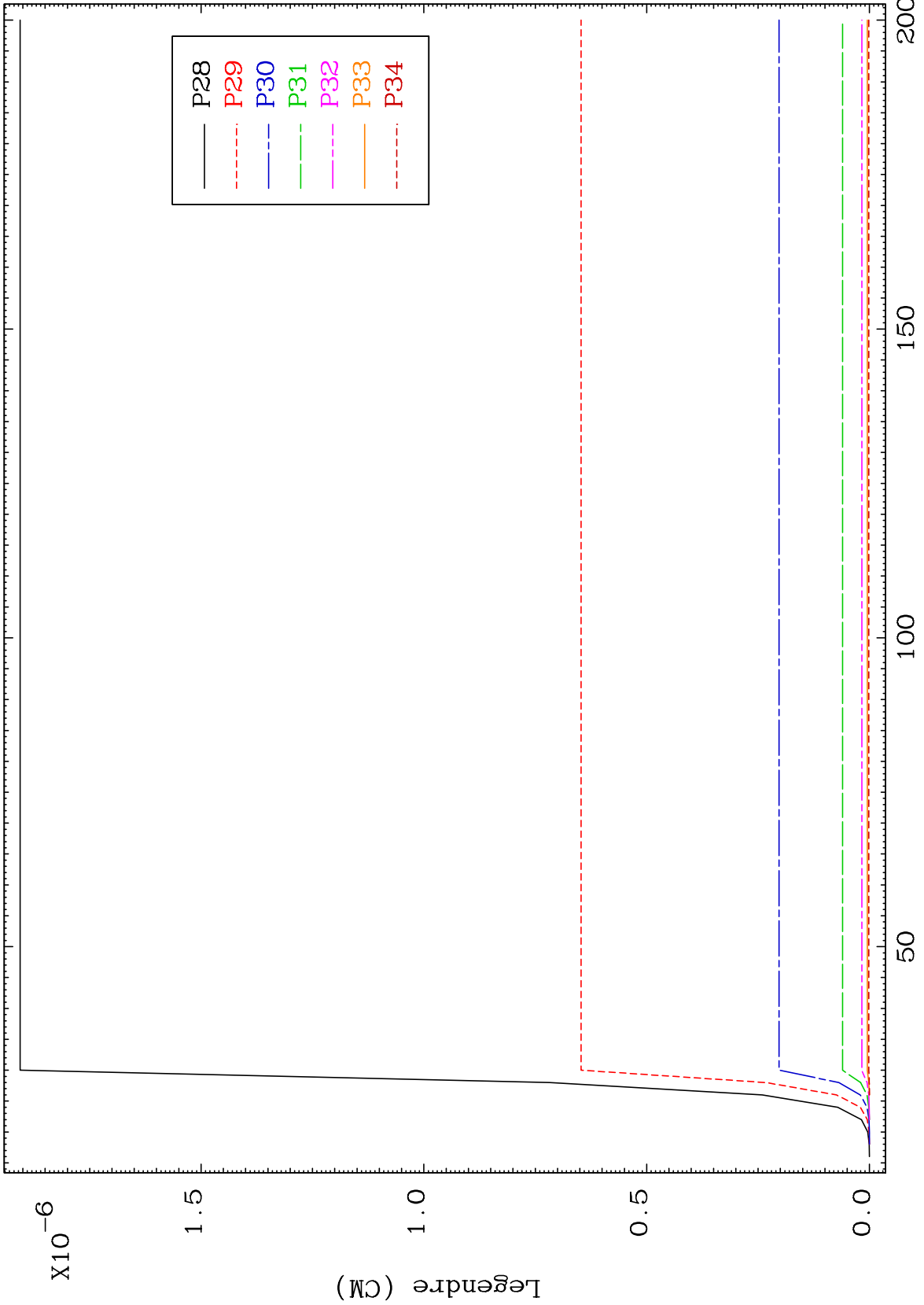
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

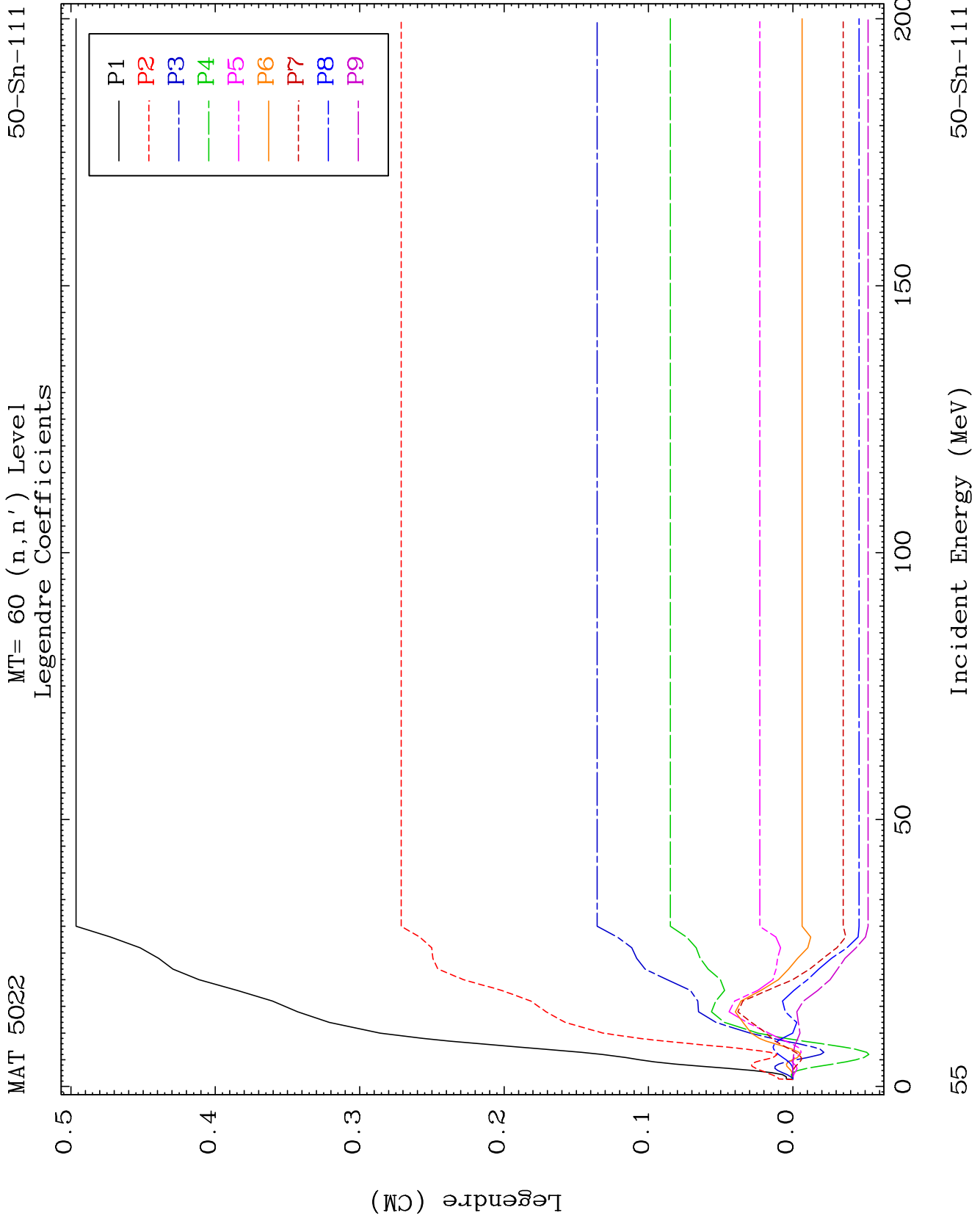
50-Sn-111



54

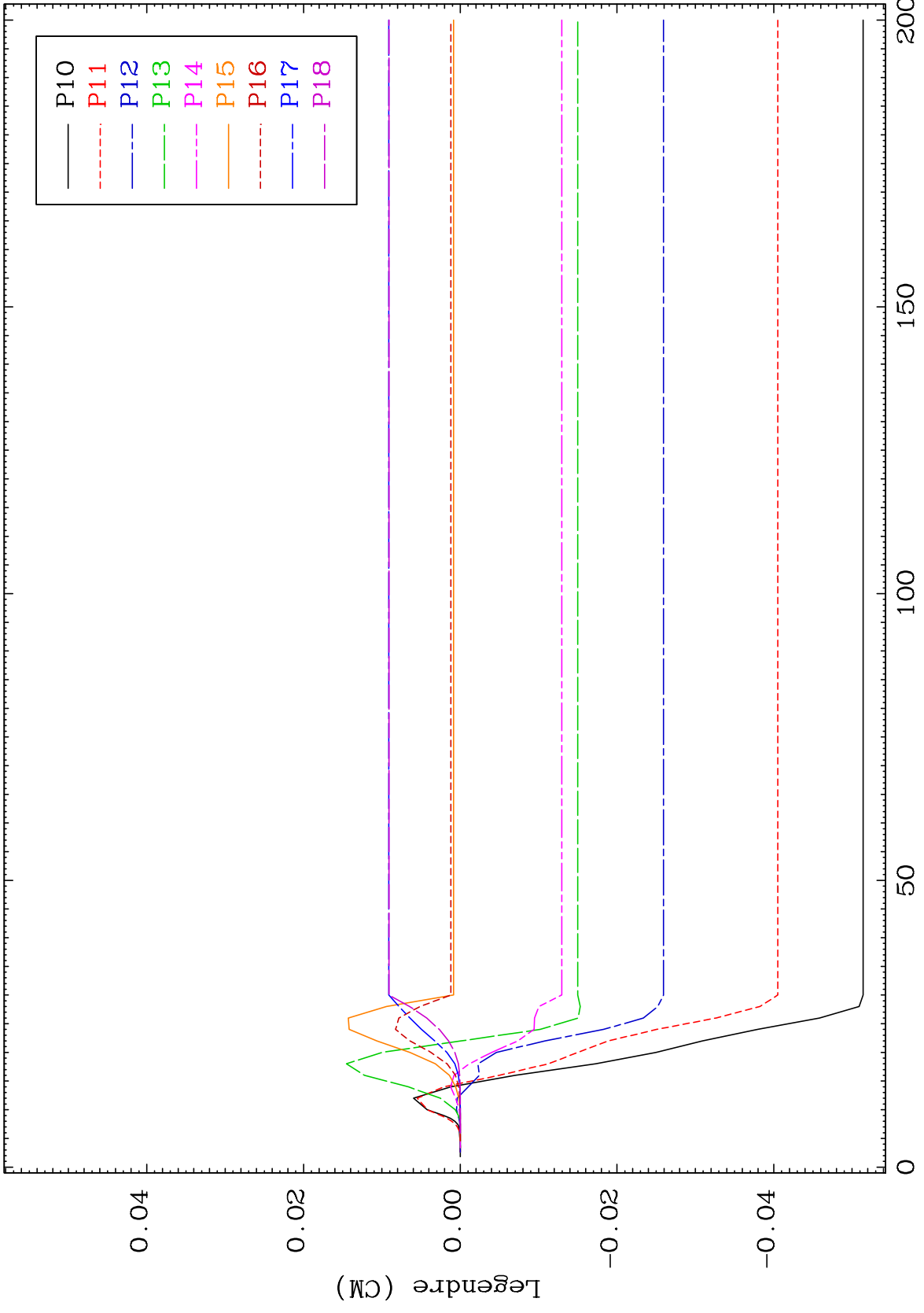
Incident Energy (MeV)

50-Sn-111



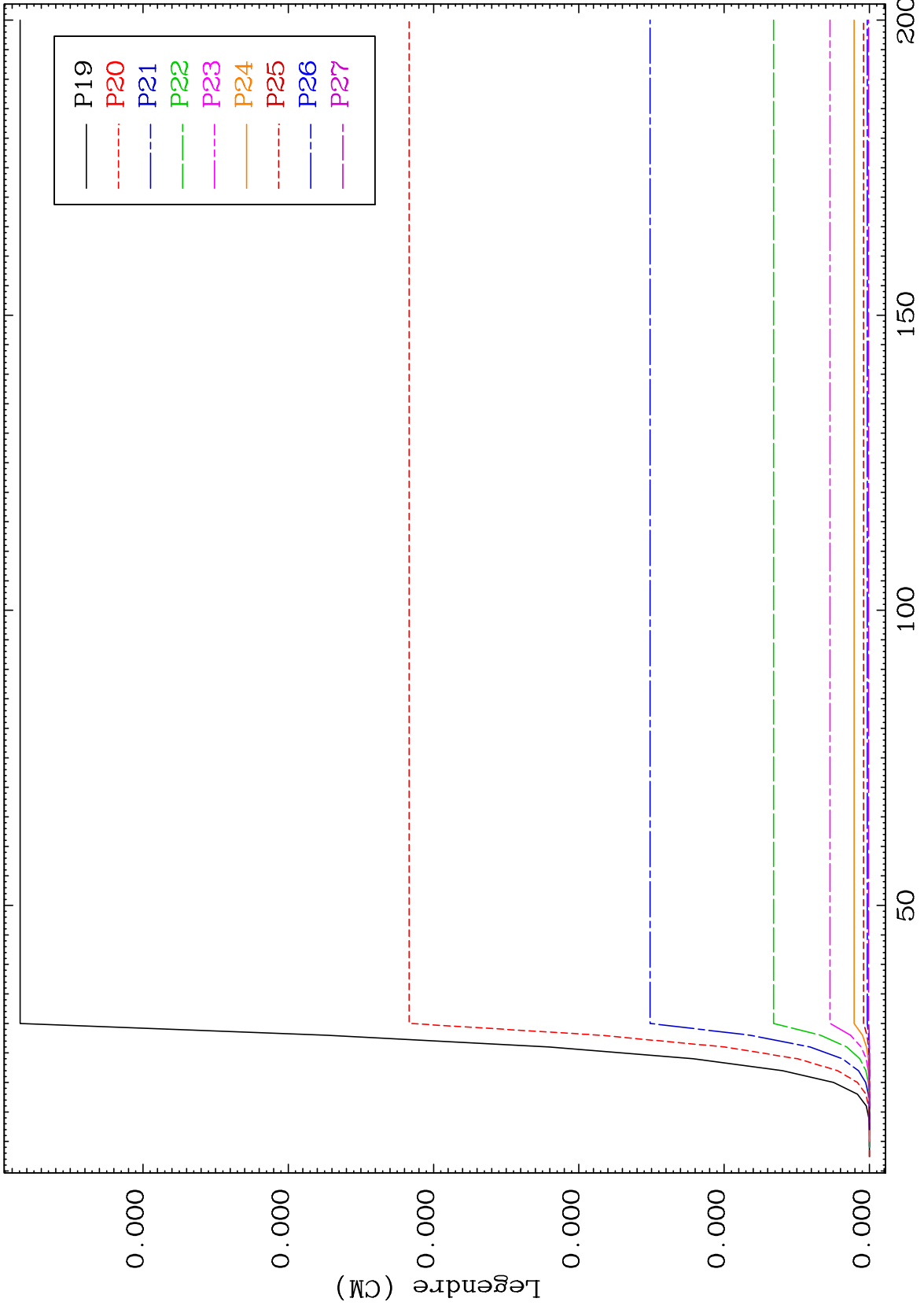


MAT 5022 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-111



56 50-Sn-111

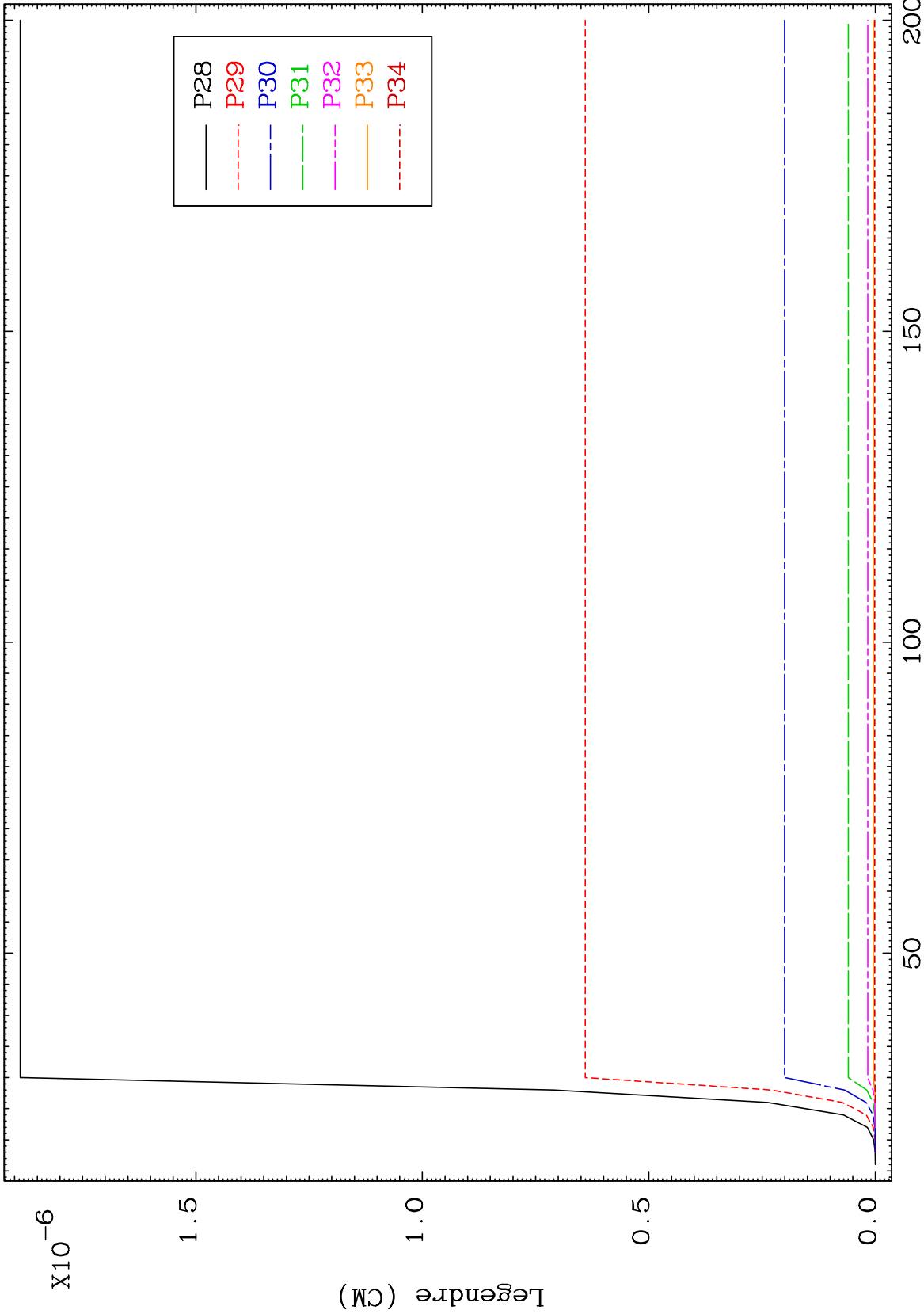
MAT 5022 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

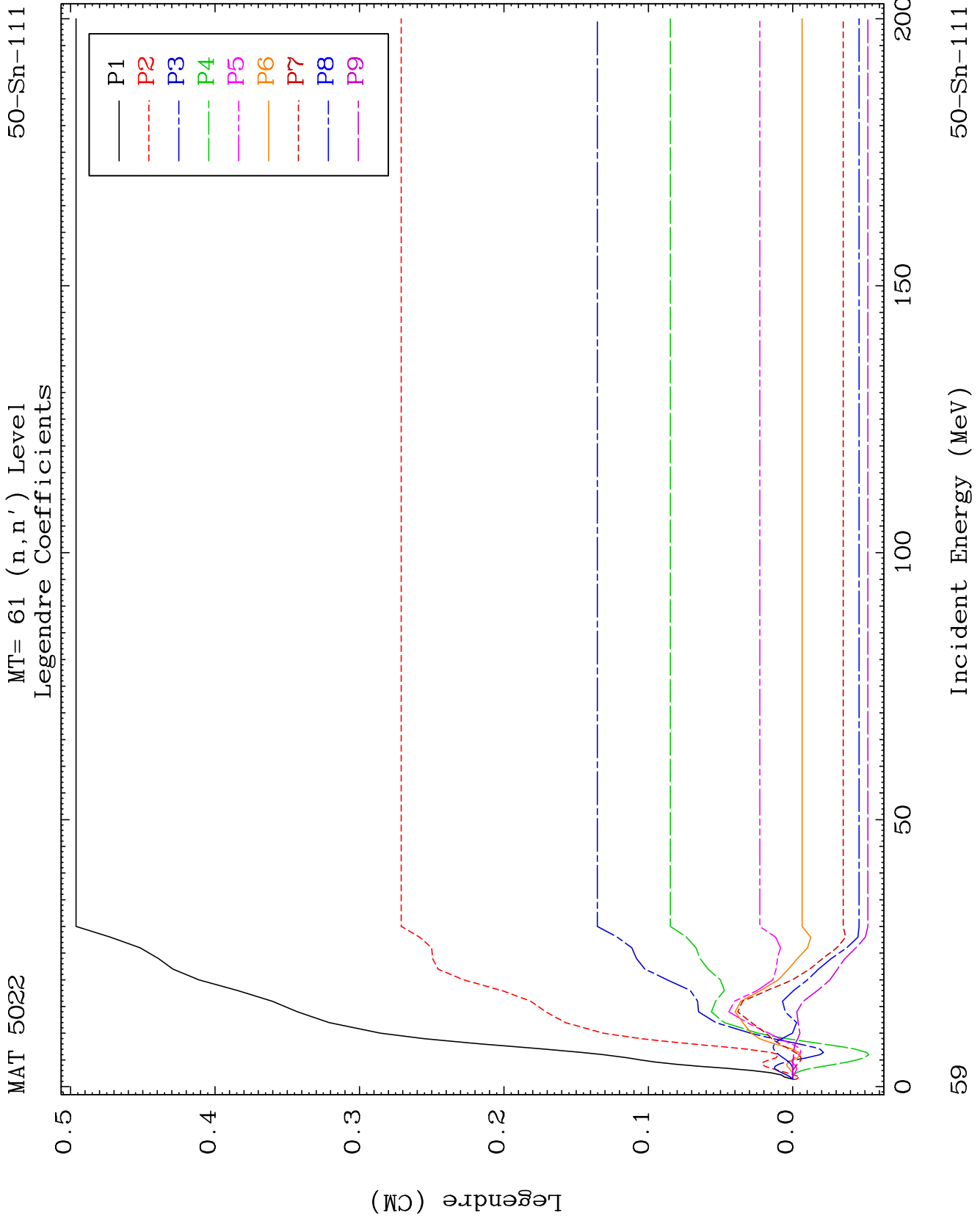
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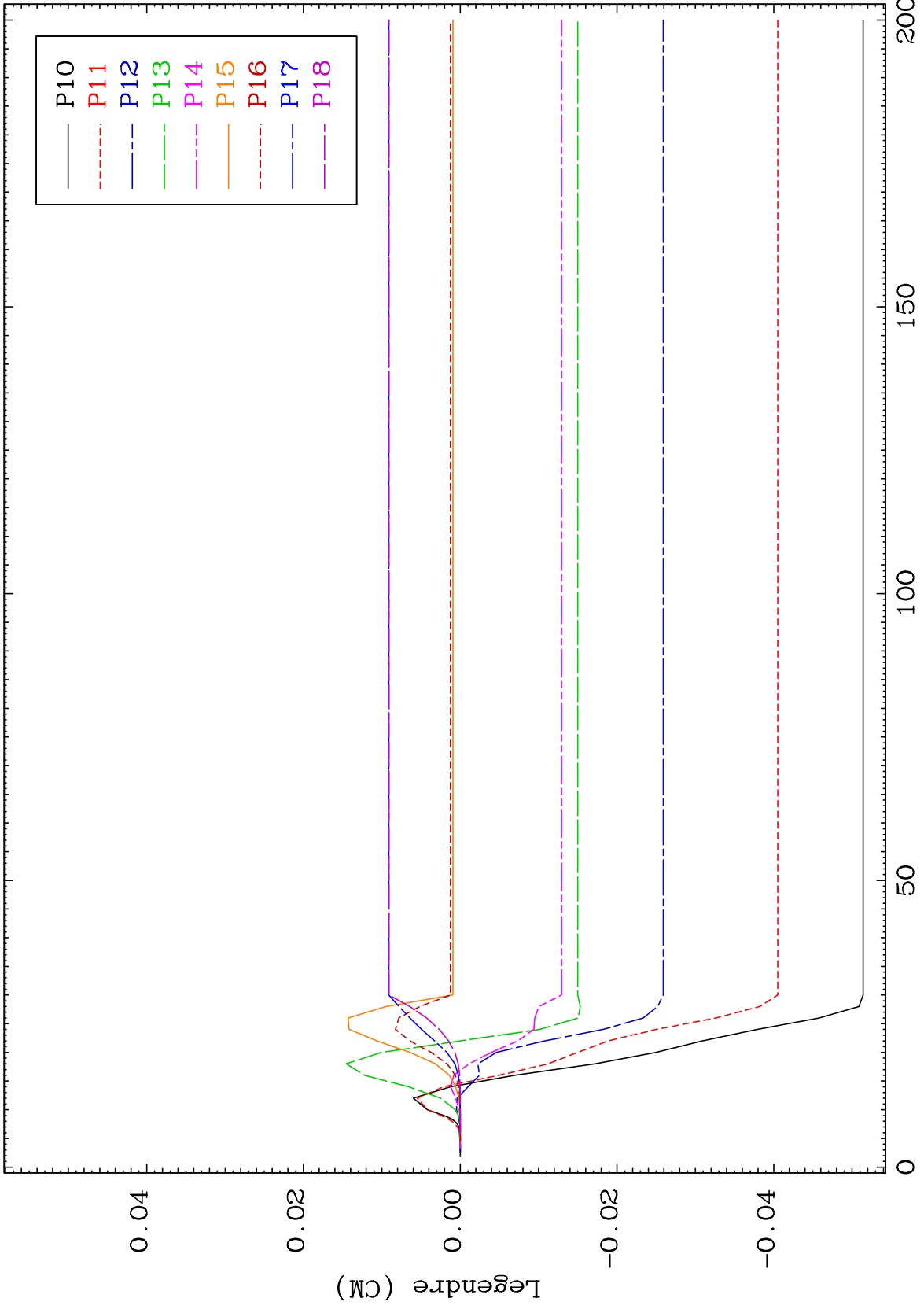
58

Incident Energy (MeV)

50-Sn-111



MAT 5022 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-111

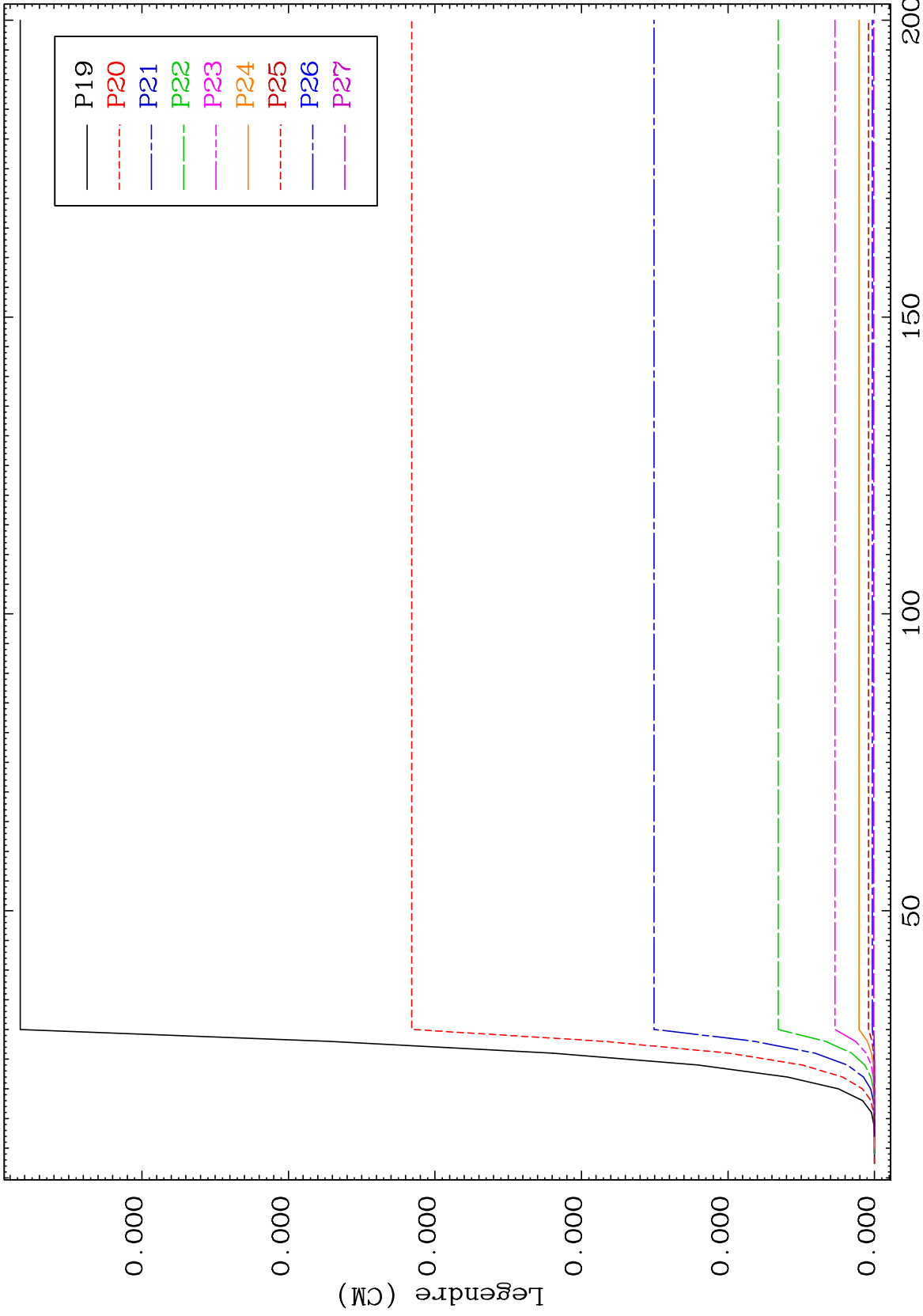


60 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



61

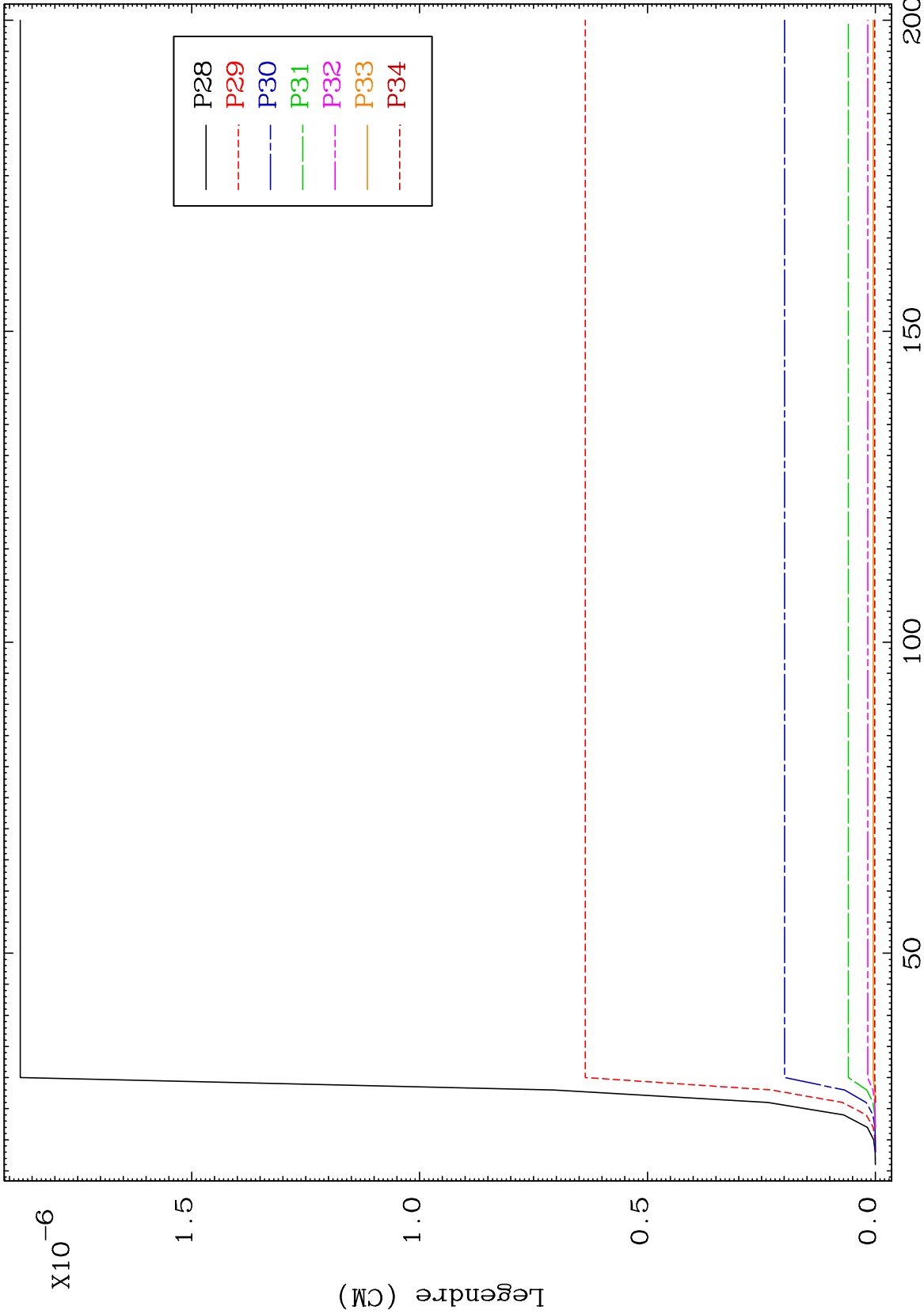
Incident Energy (MeV)

50-Sn-111

MAT 5022

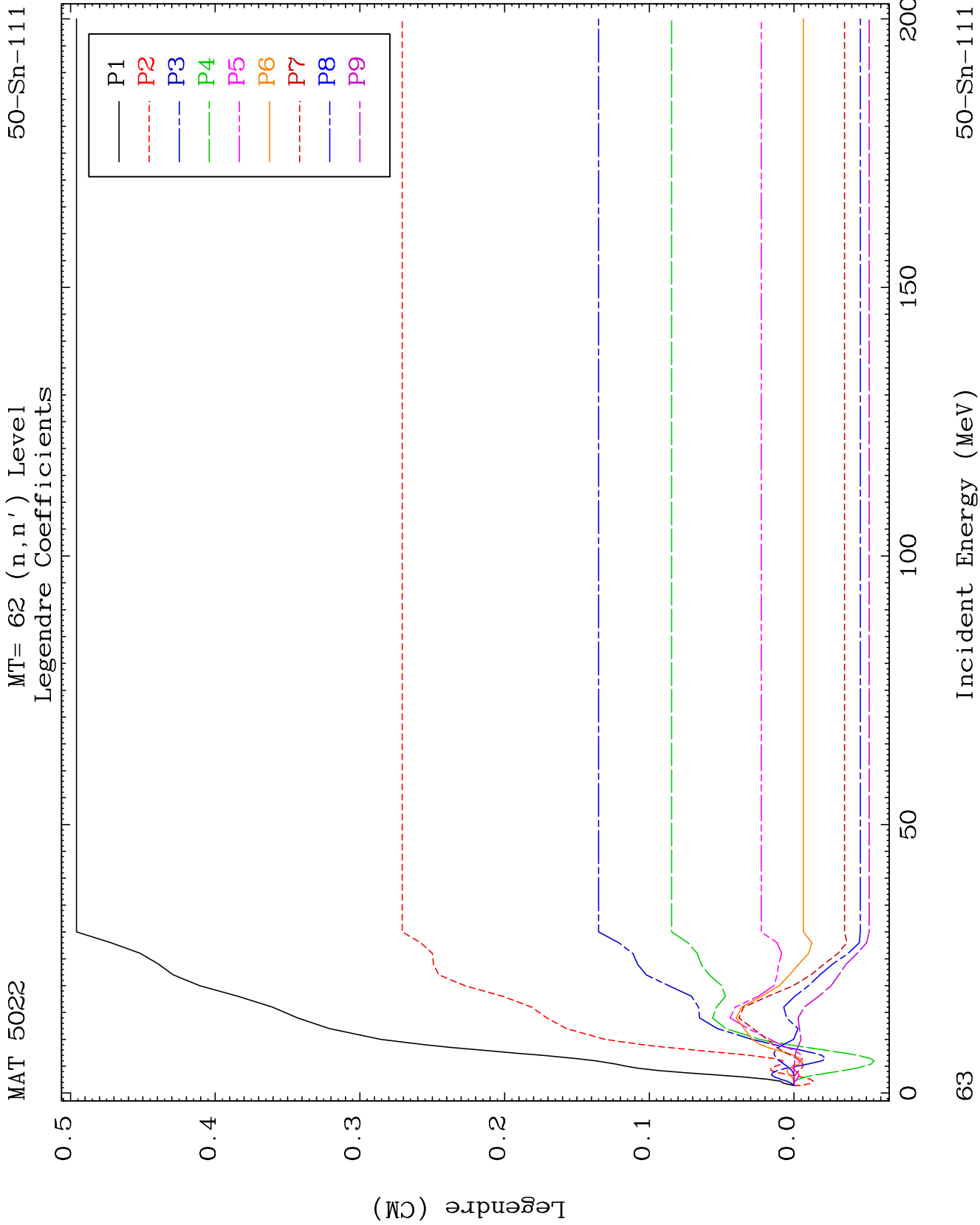
MT= 61 (n,n') Level  
Legendre Coefficients

50-Sn-111



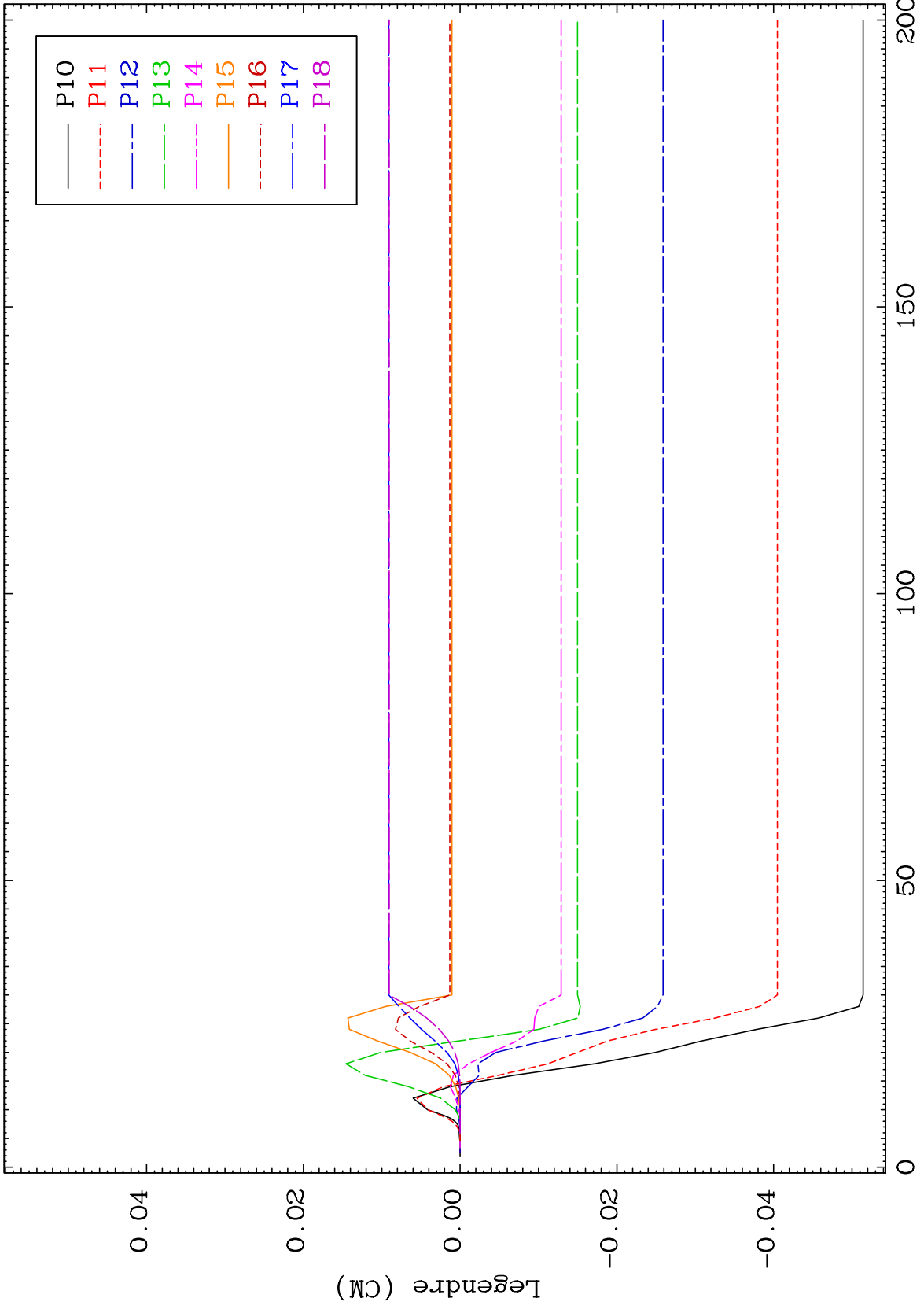
62

50-Sn-111



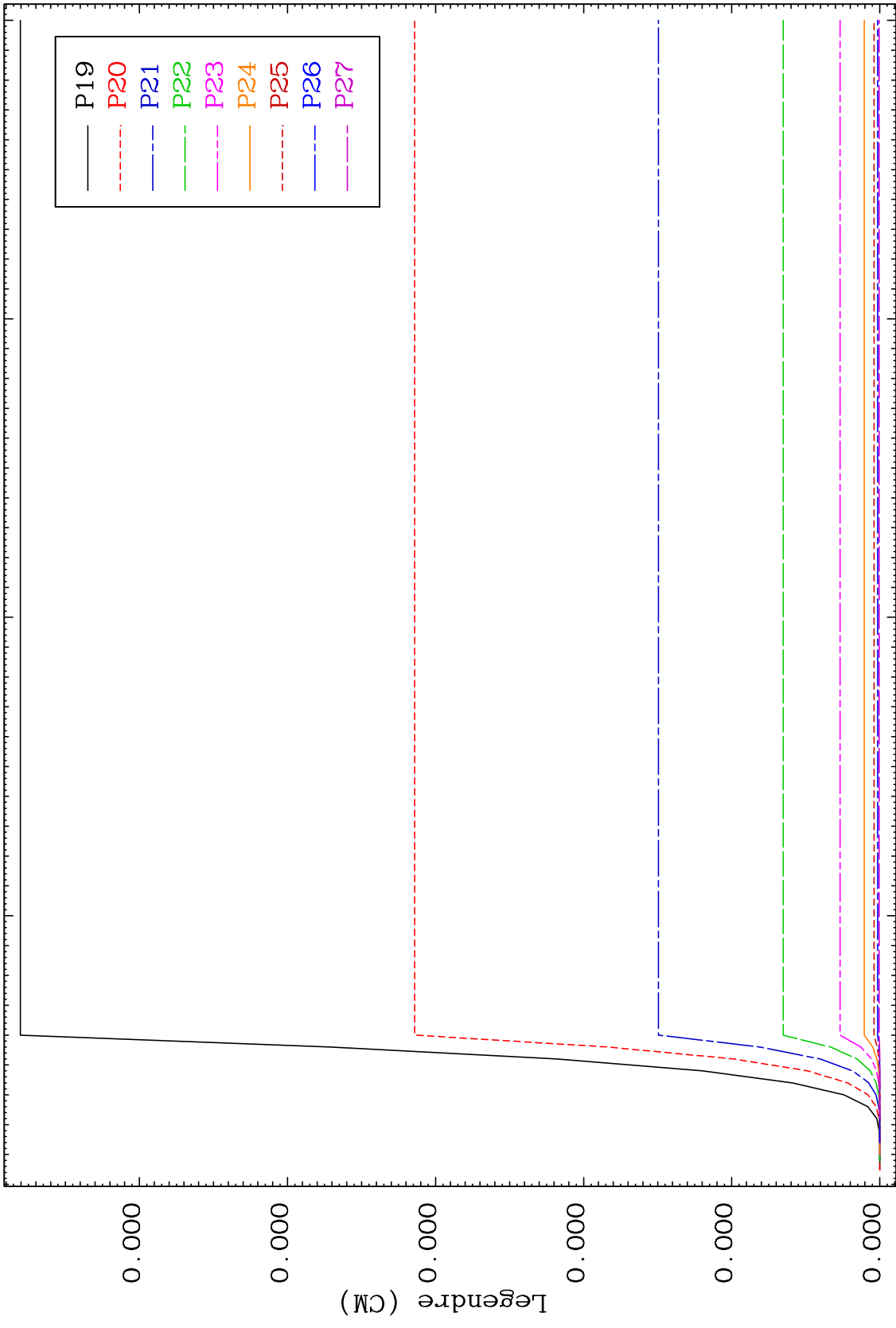


MAT 5022 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-111



64 50-Sn-111

MAT 5022 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-111

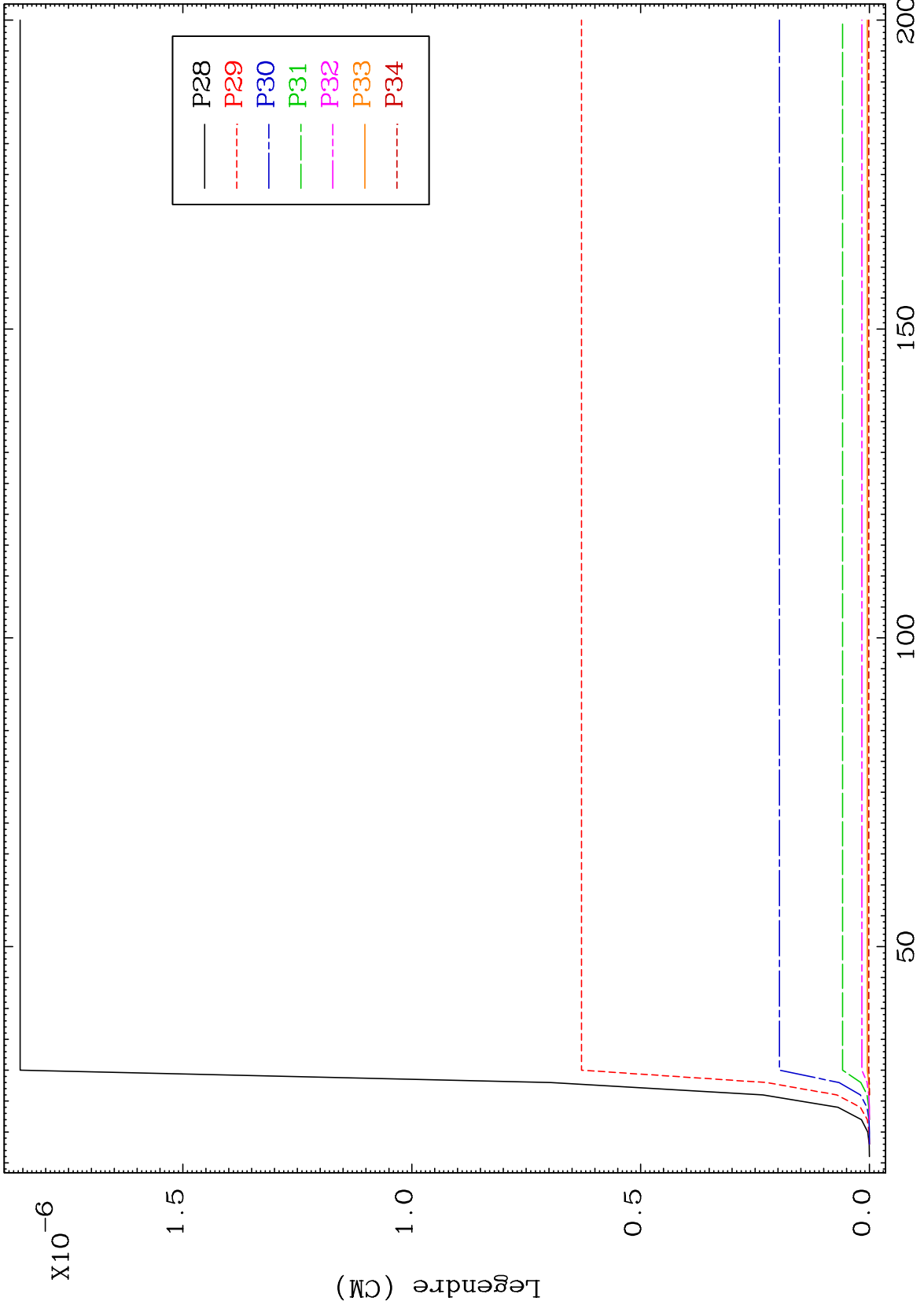


65 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



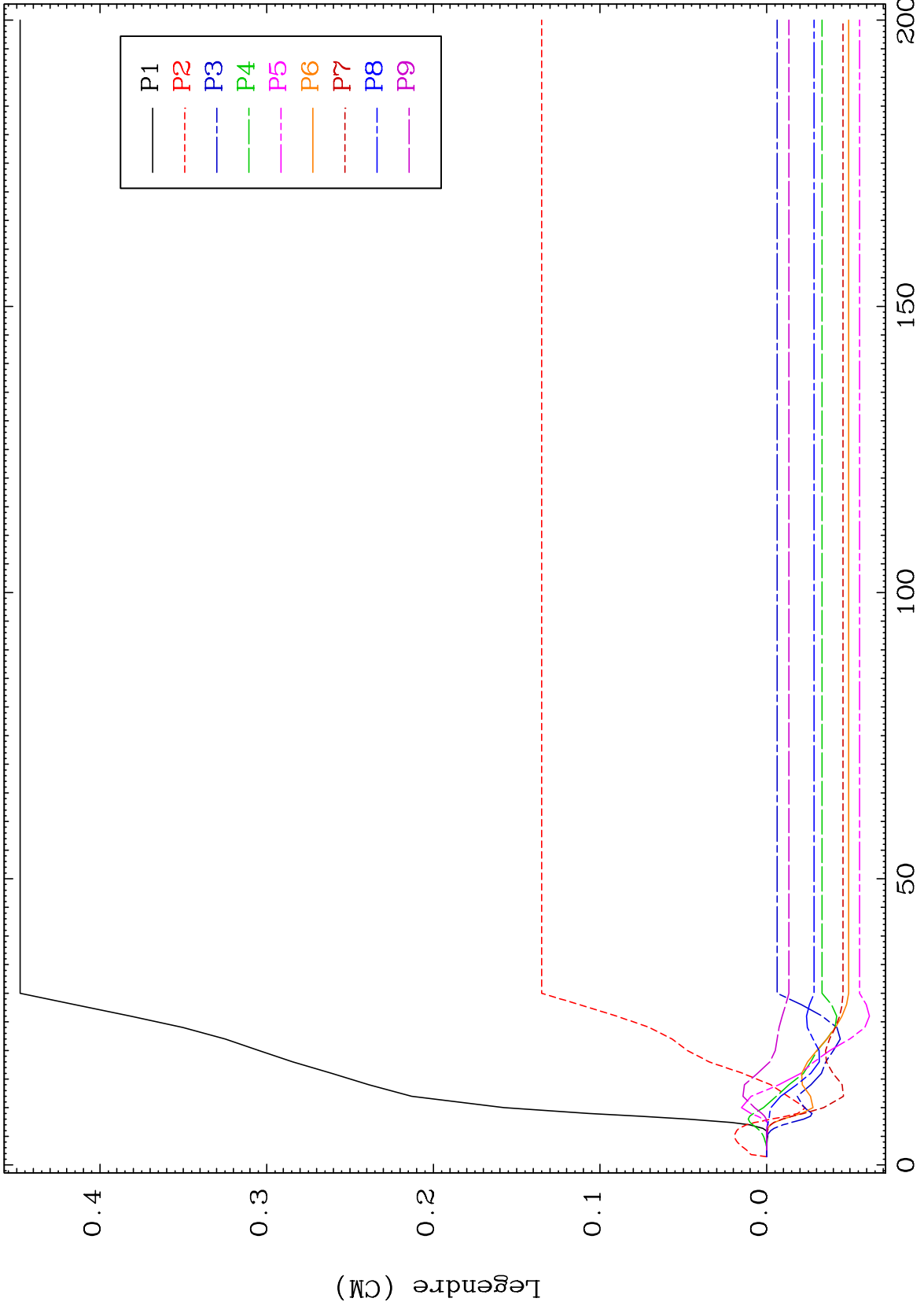
66

50-Sn-111

MAT 5022

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

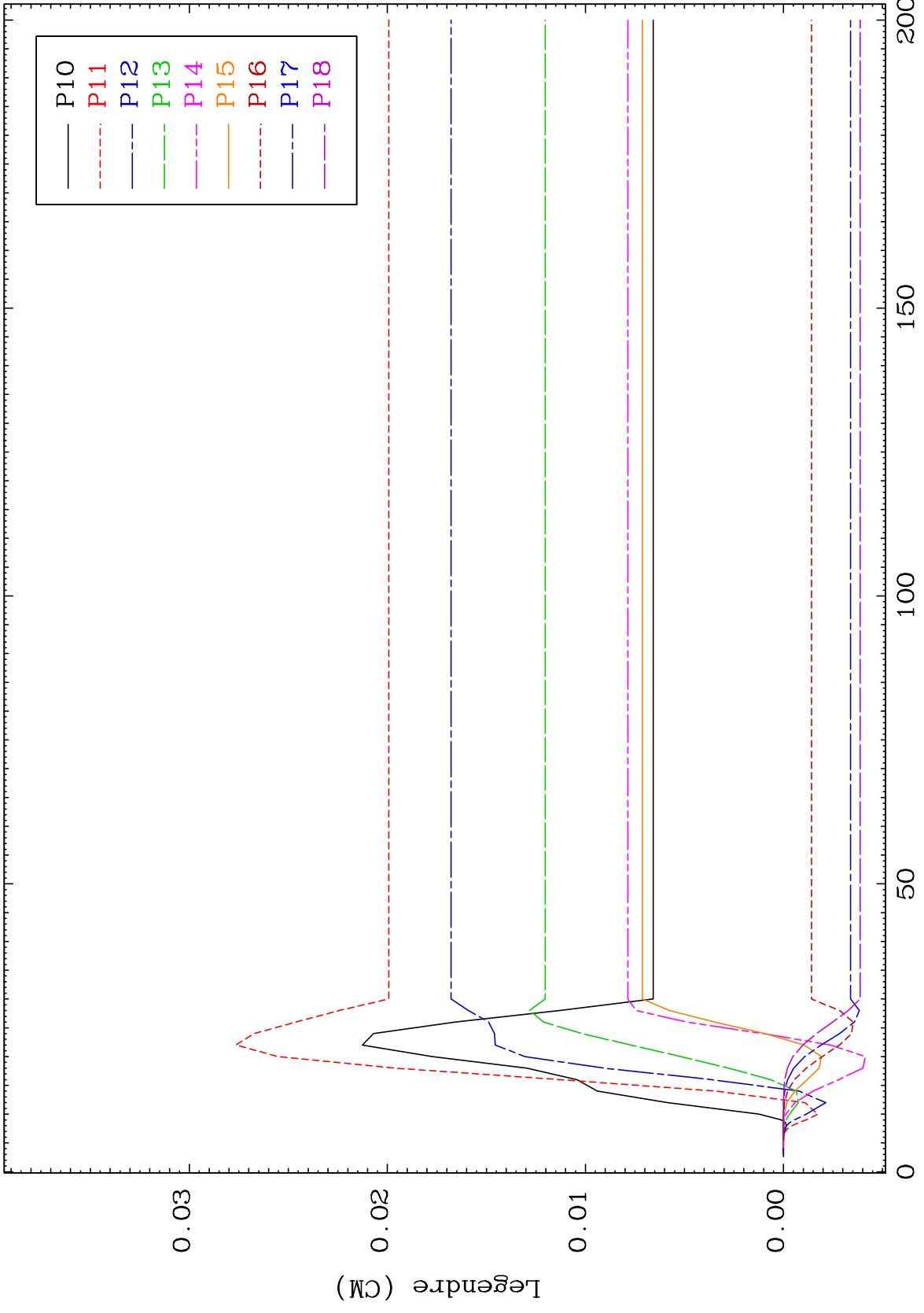
50-Sn-111



67

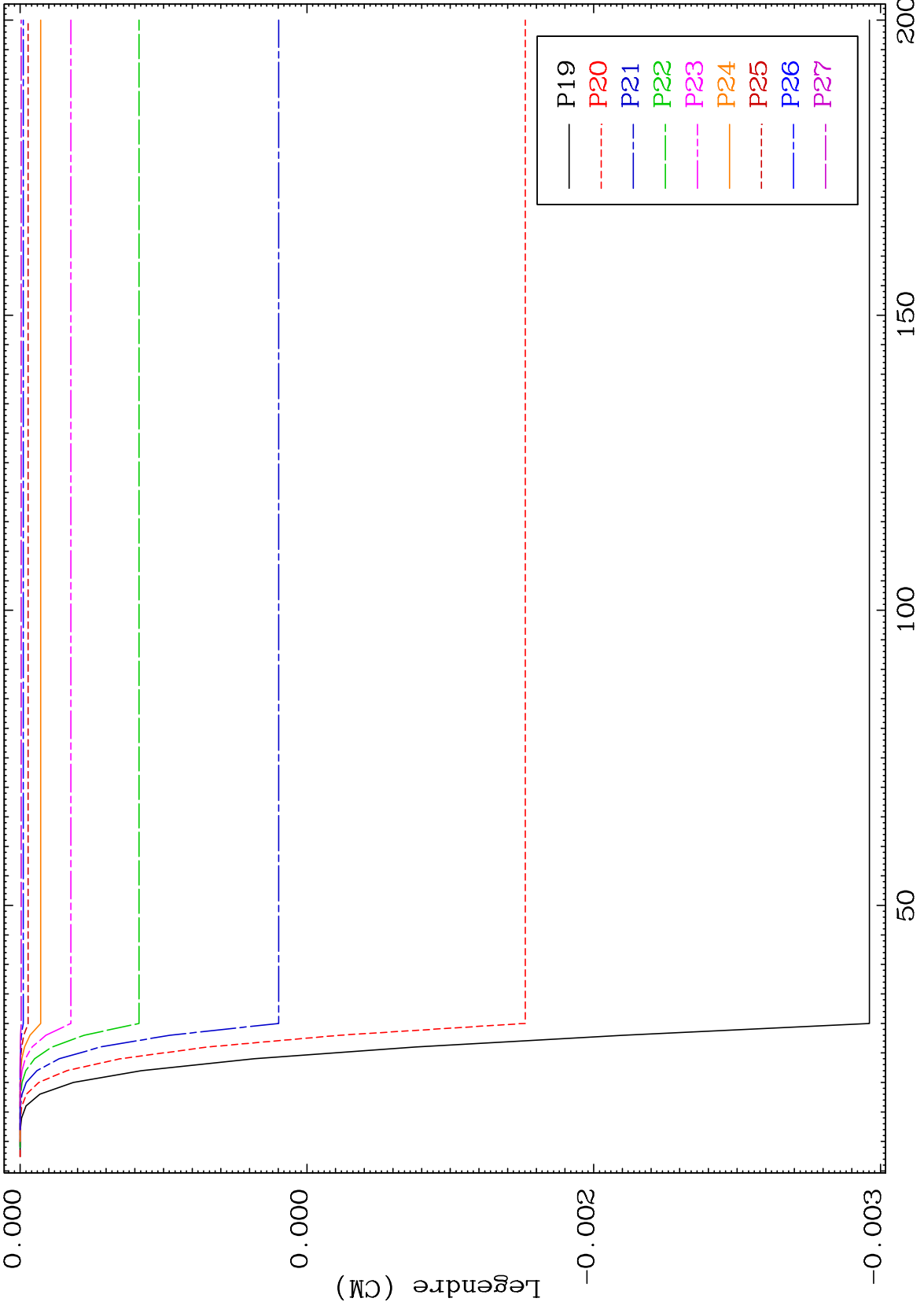
50-Sn-111

MAT 5022 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-111

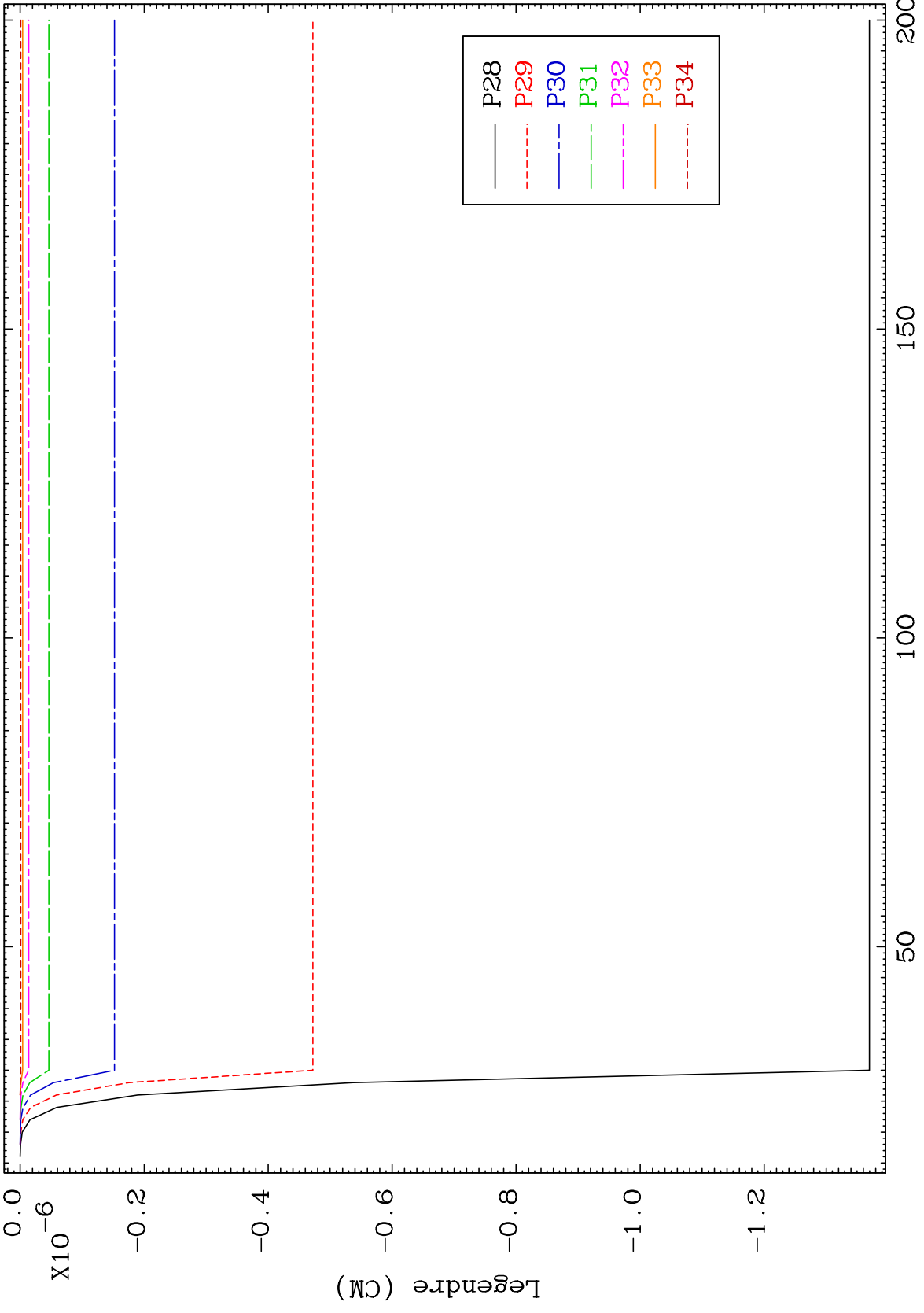


68 50-Sn-111

MAT 5022 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-111

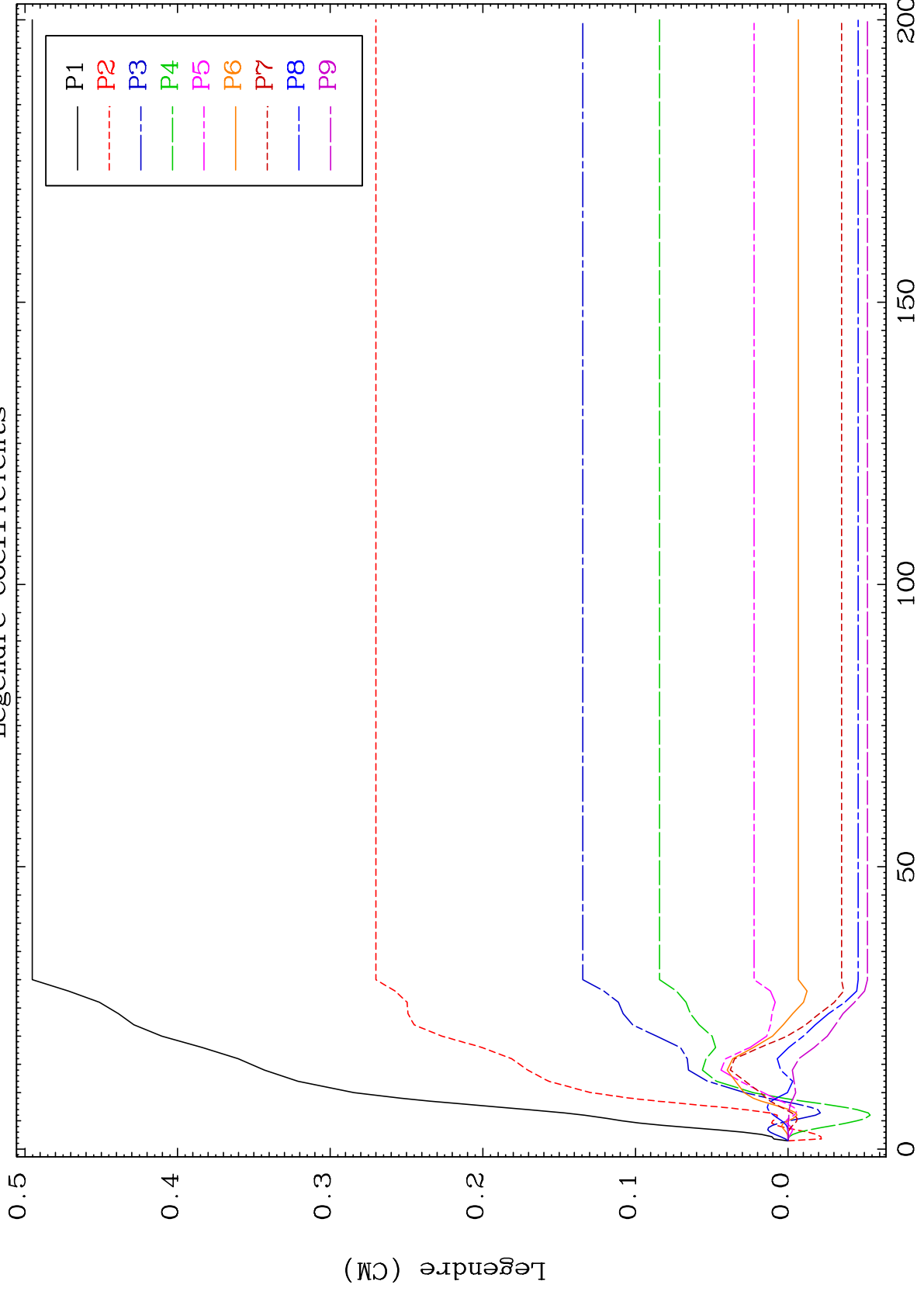


MAT 5022 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-111



70 Incident Energy (MeV) 50-Sn-111

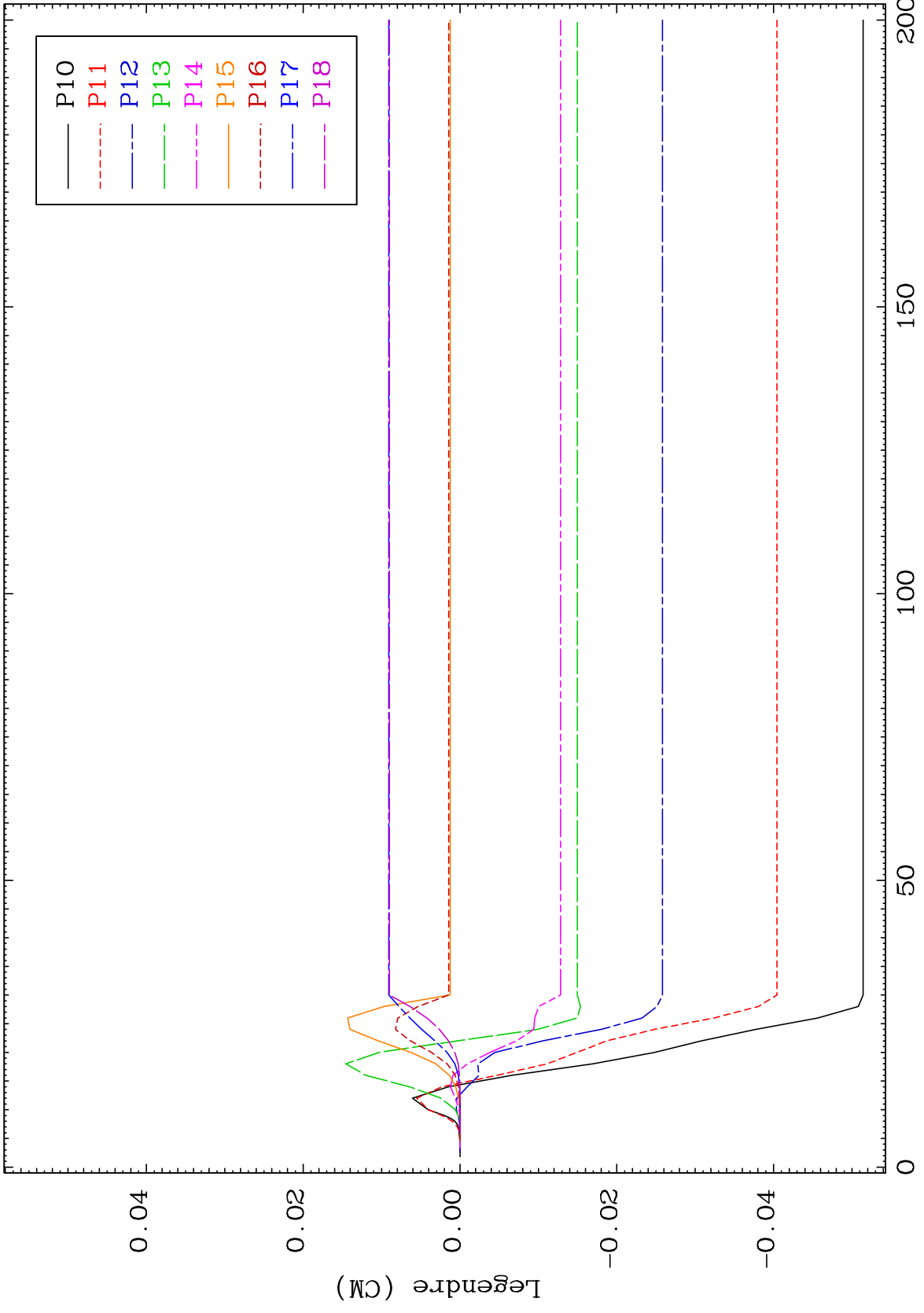
MAT 5022 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-111



71 50-Sn-111



MAT 5022 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-111

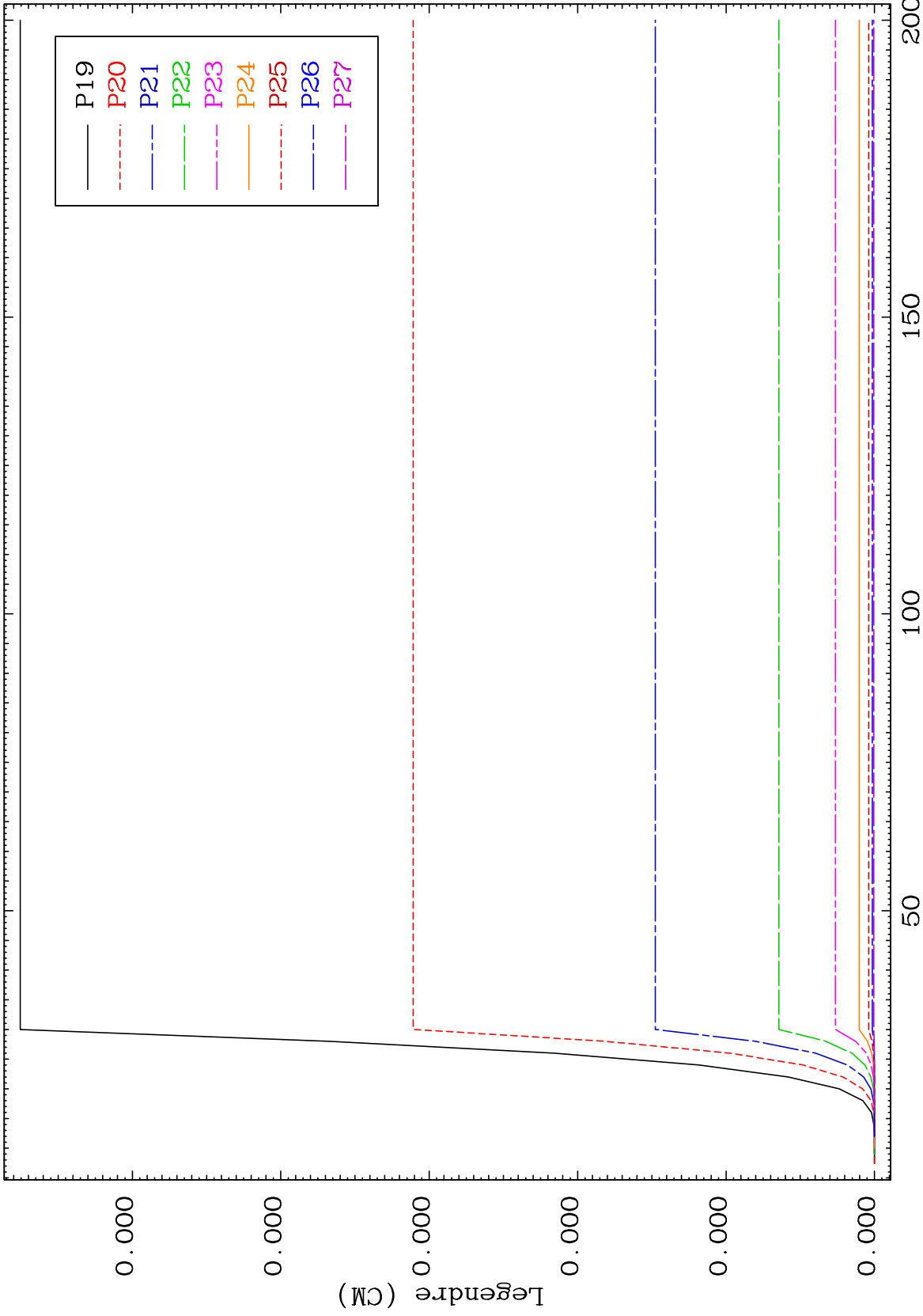


72 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



73

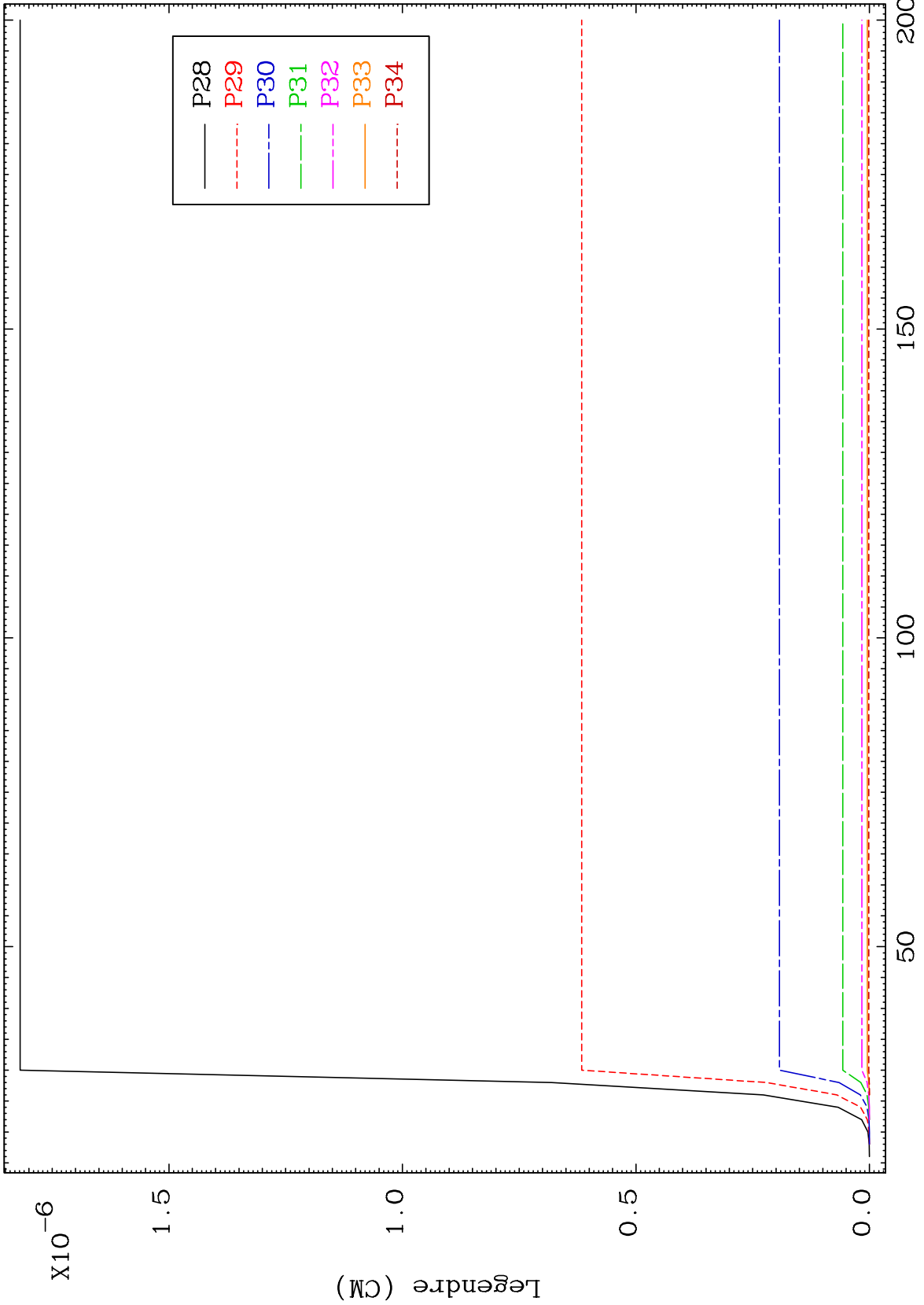
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111



74

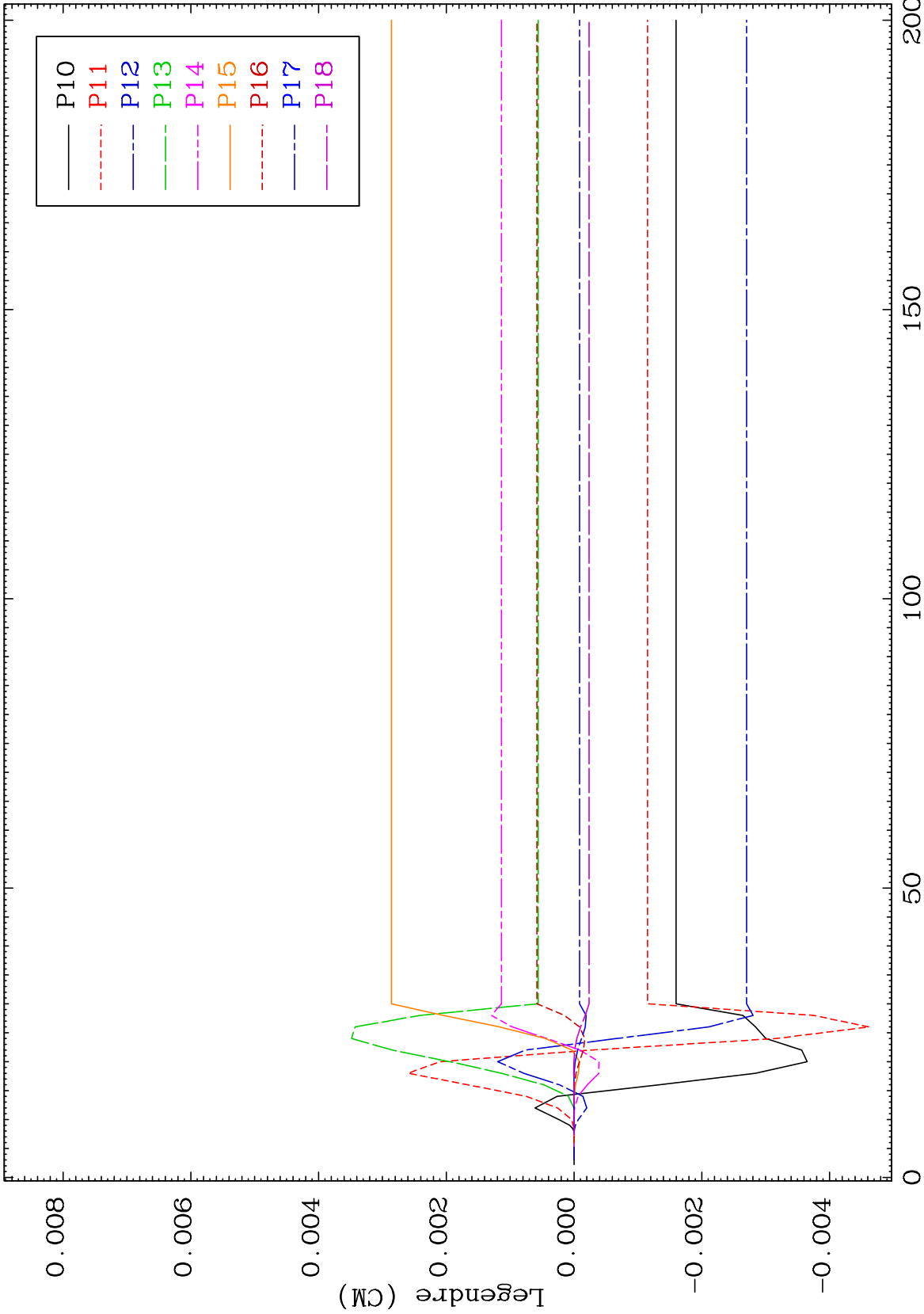
50-Sn-111



MAT 5022

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

50-Sn-111



76

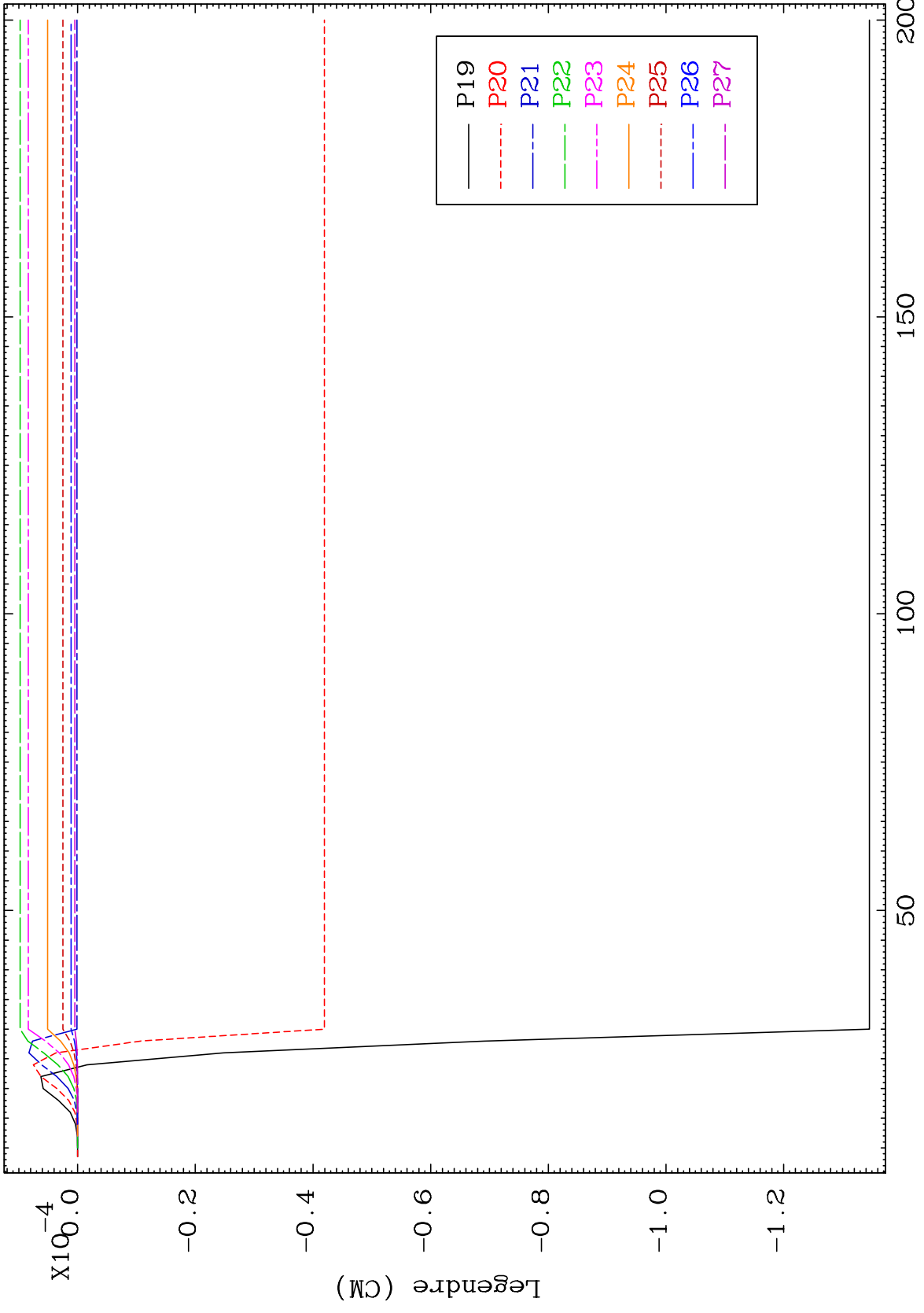
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111

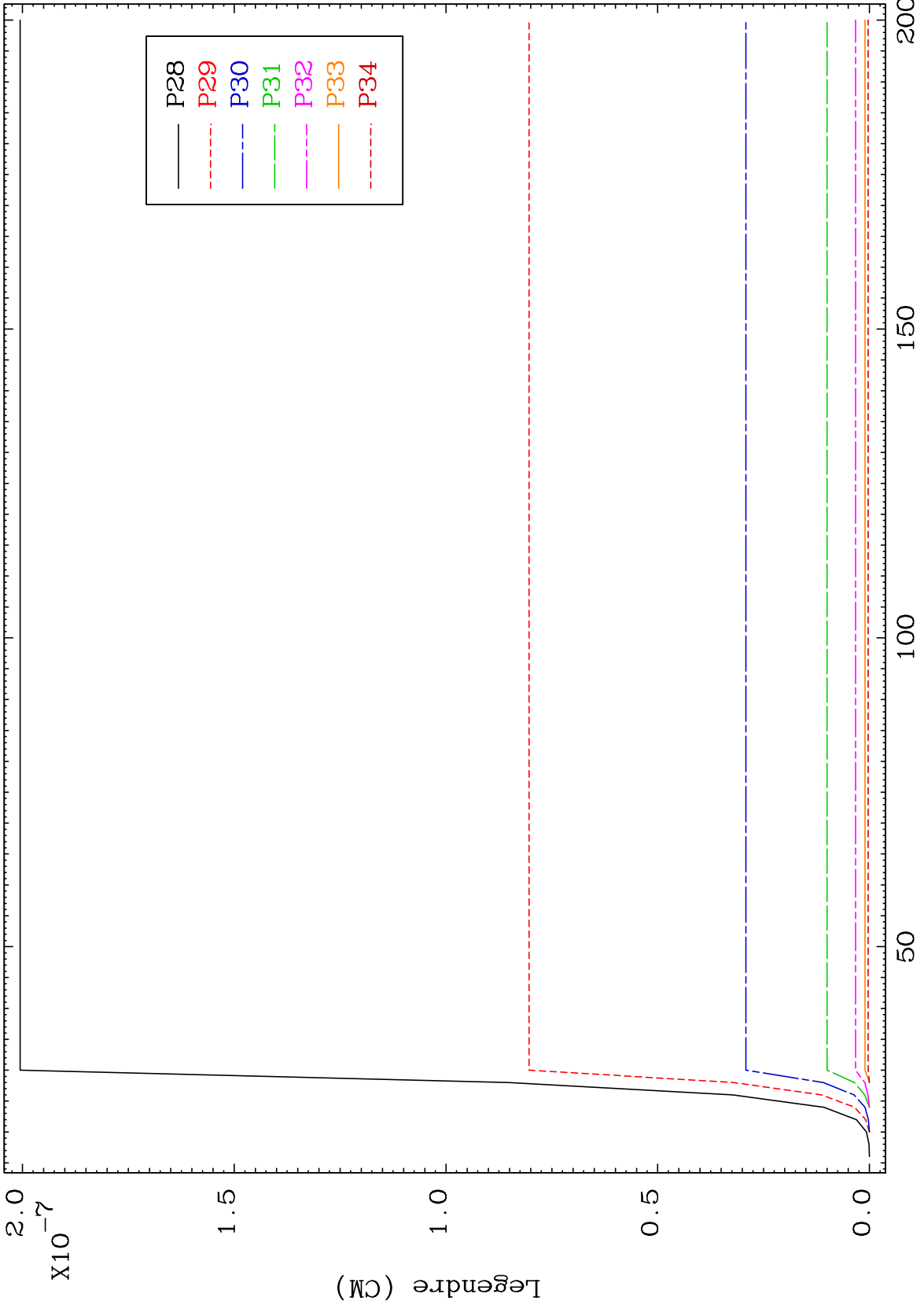


50-Sn-111

Incident Energy (MeV)

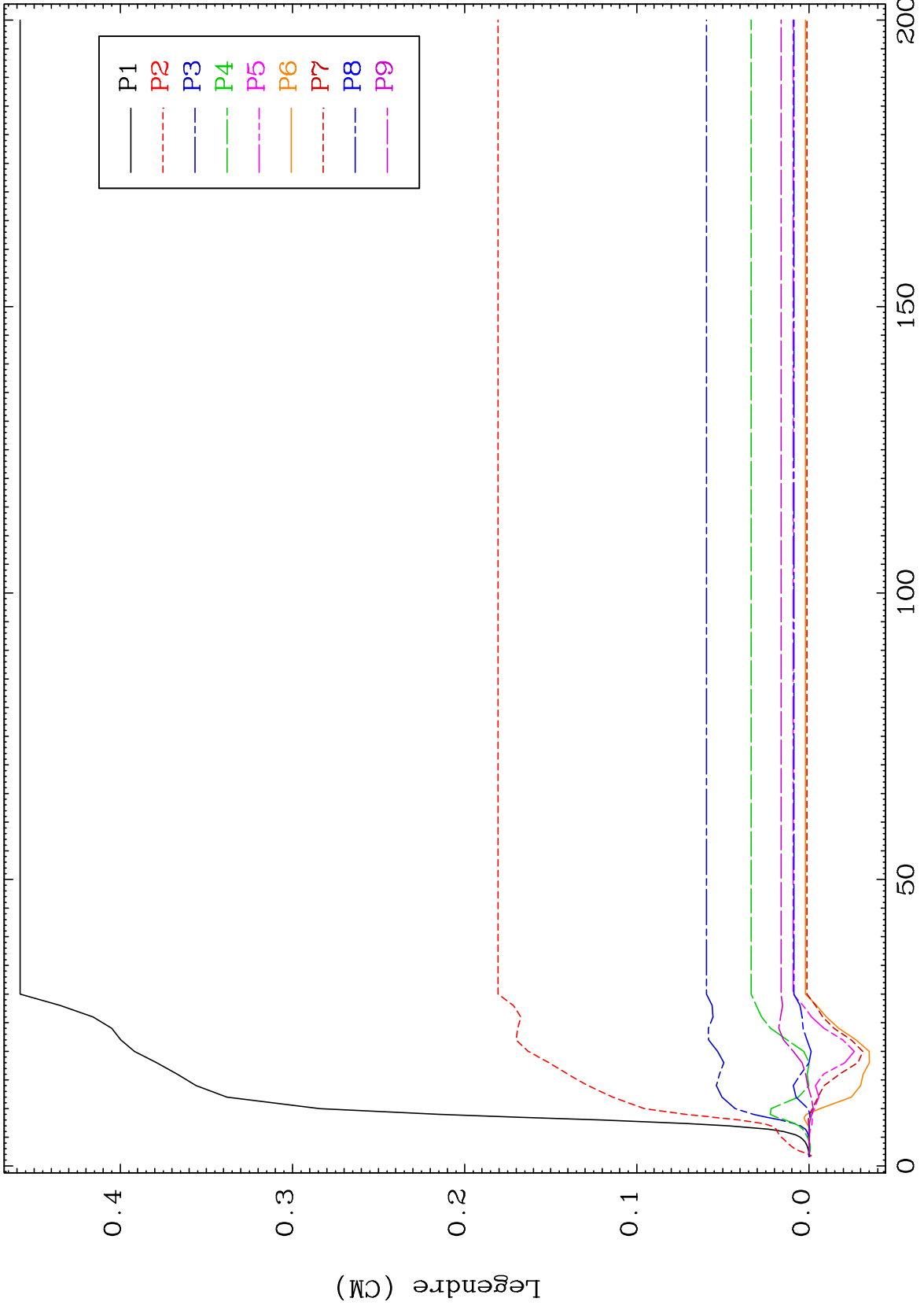
77

MAT 5022 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-111



78 Incident Energy (MeV) 50-Sn-111

MAT 5022 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-111



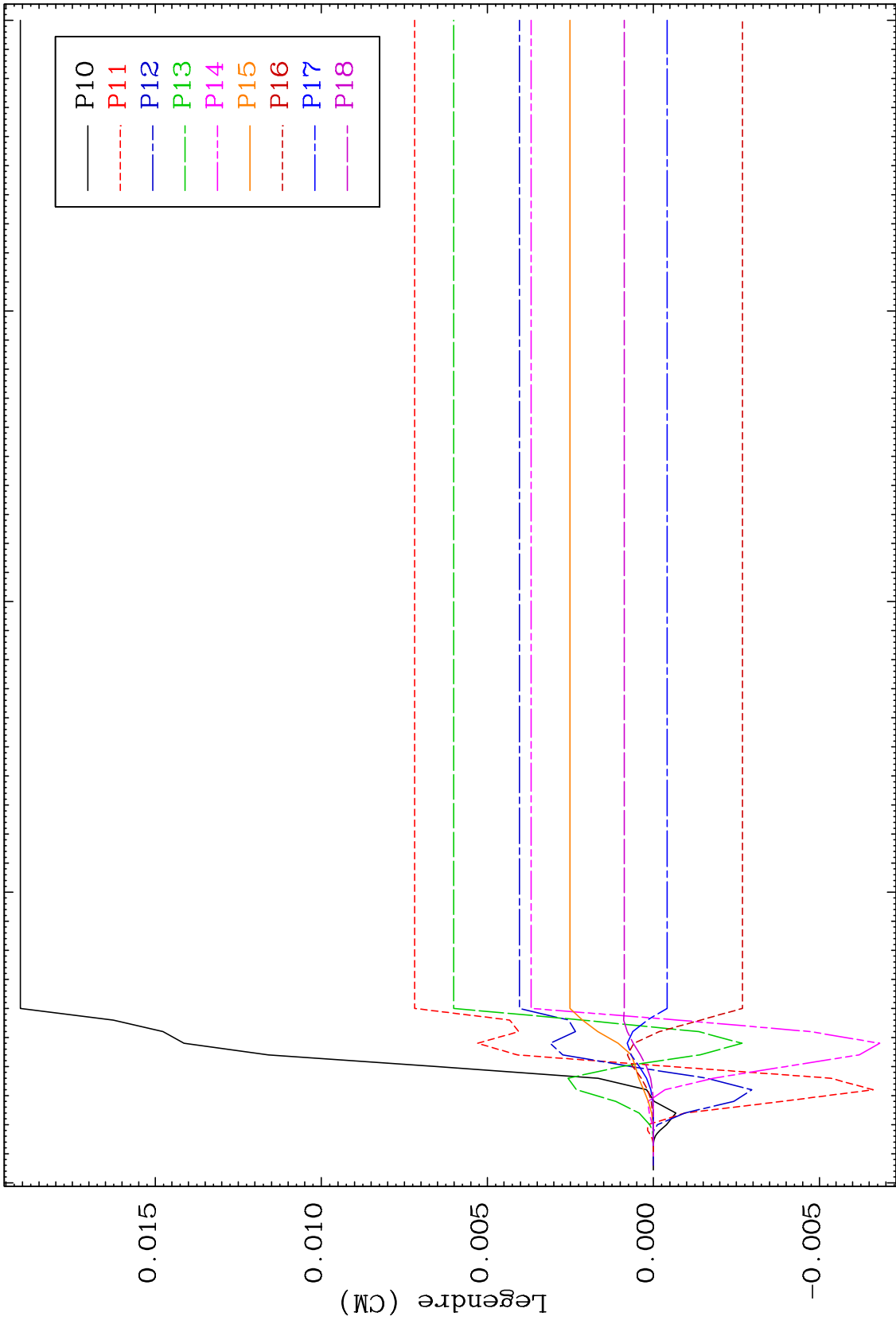
79 Incident Energy (MeV) 50-Sn-111



MAT 5022

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

50-Sn-111



50-Sn-111

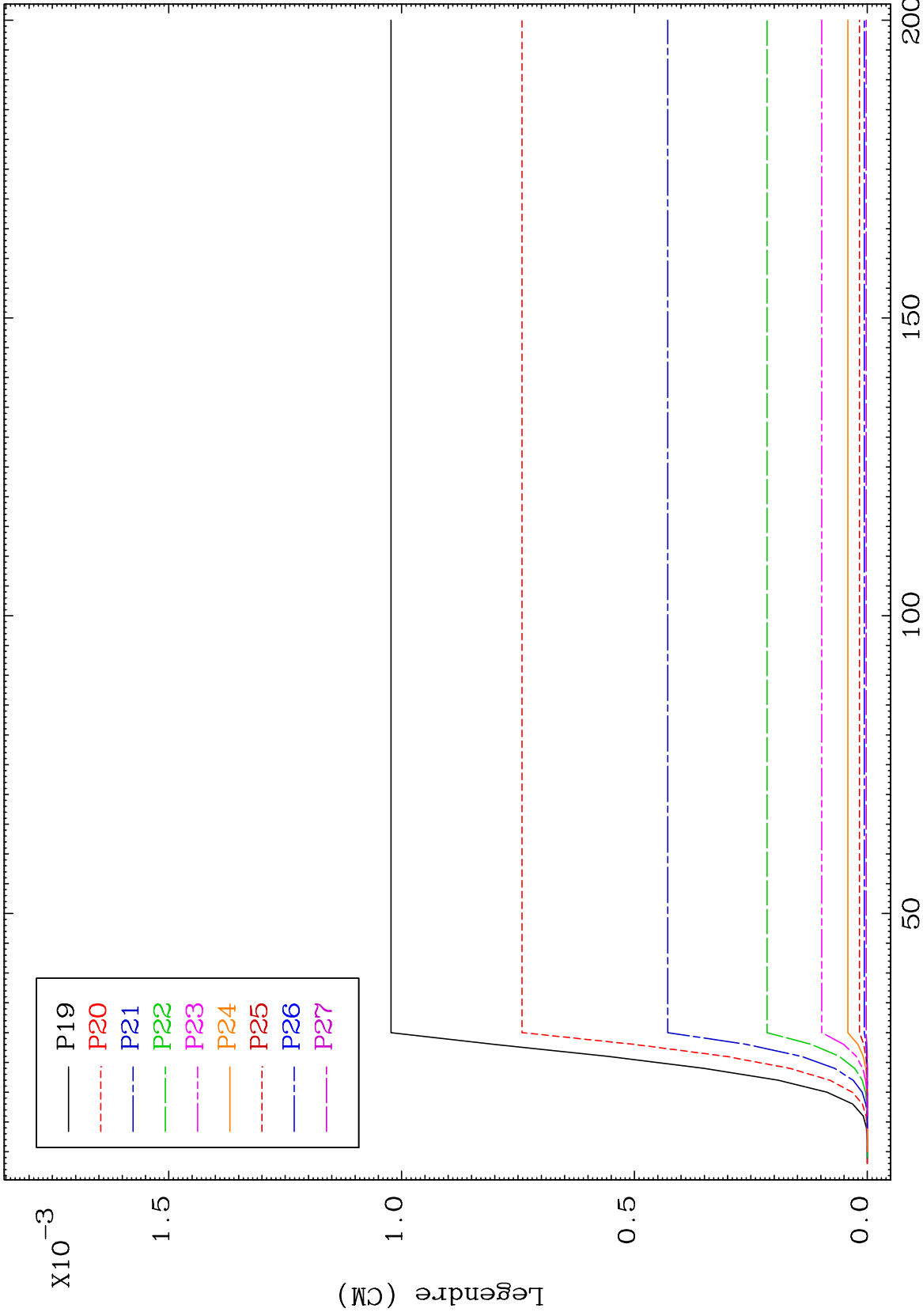
Incident Energy (MeV)

80

MAT 5022

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

50-Sn-111



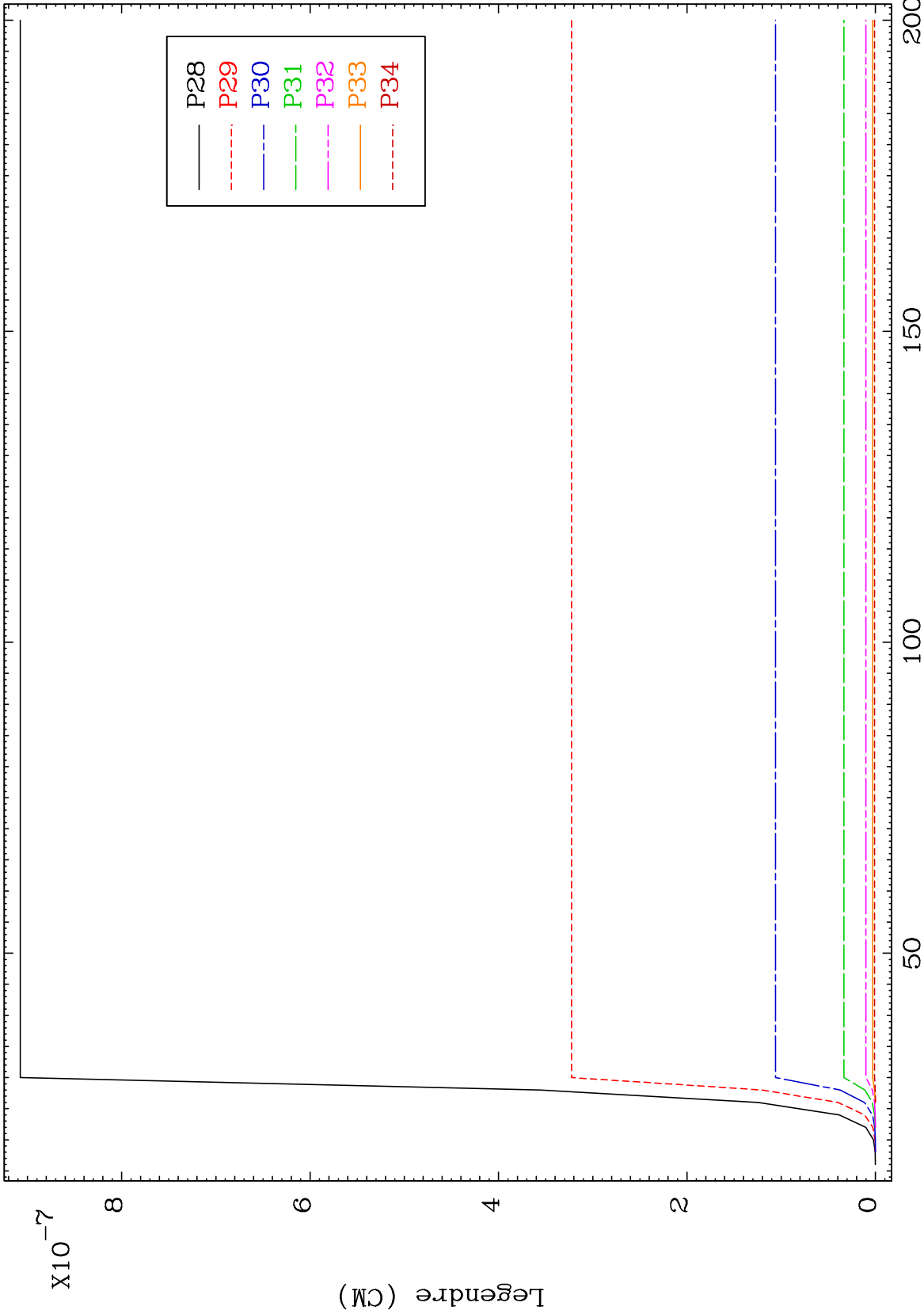
81

50-Sn-111

MAT 5022

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

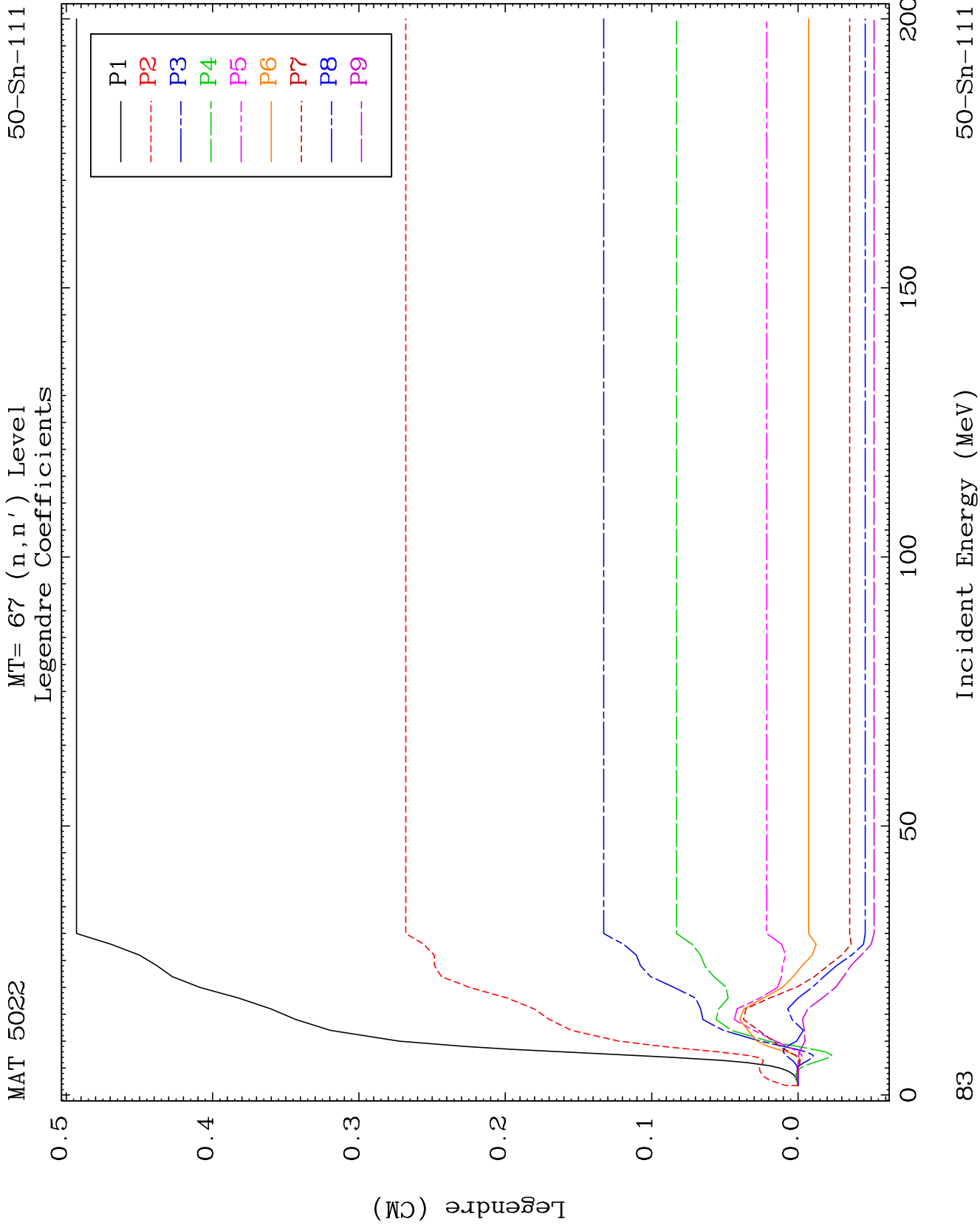
50-Sn-111



82

Incident Energy (MeV)

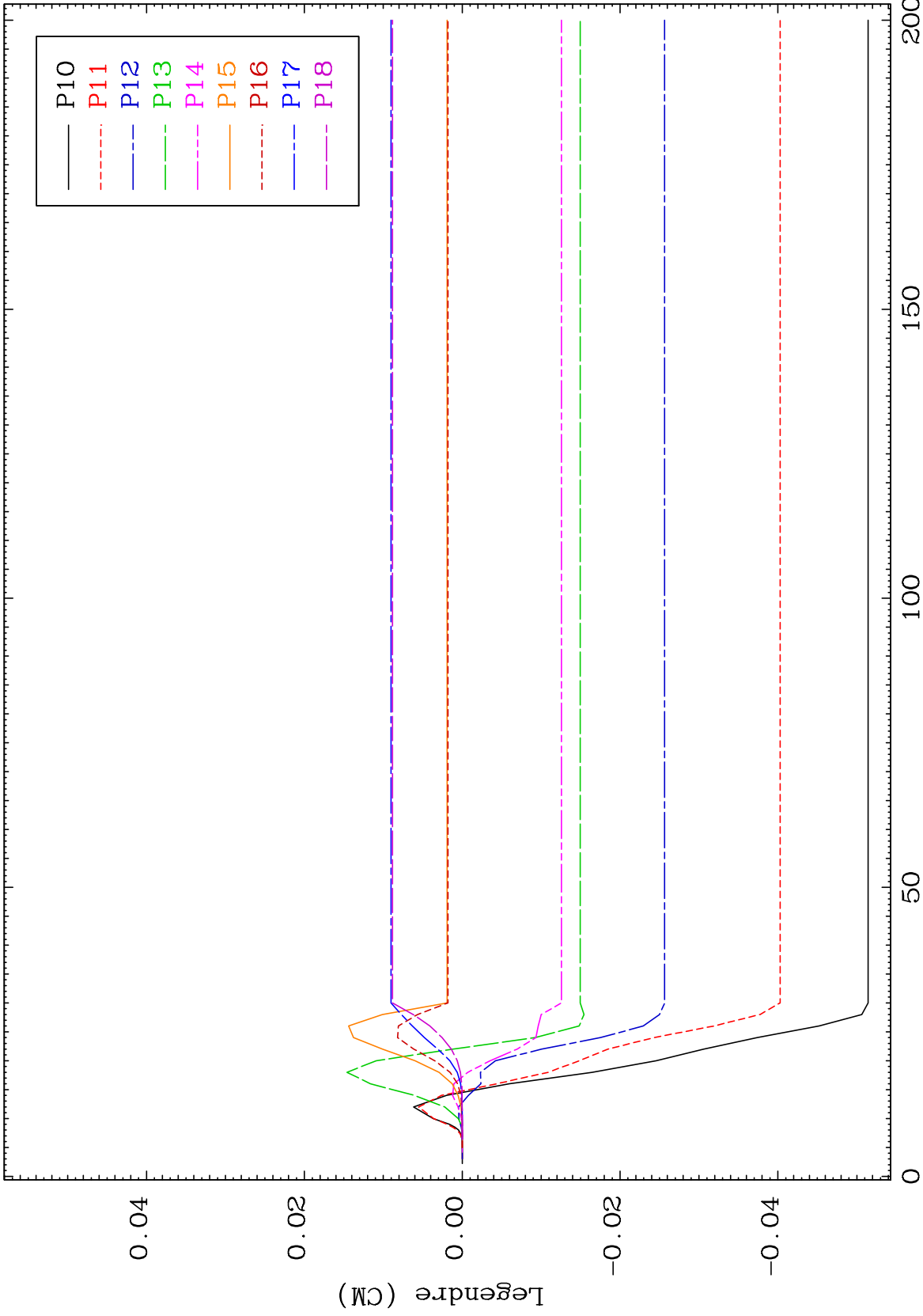
50-Sn-111



MAT 5022

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

50-Sn-111

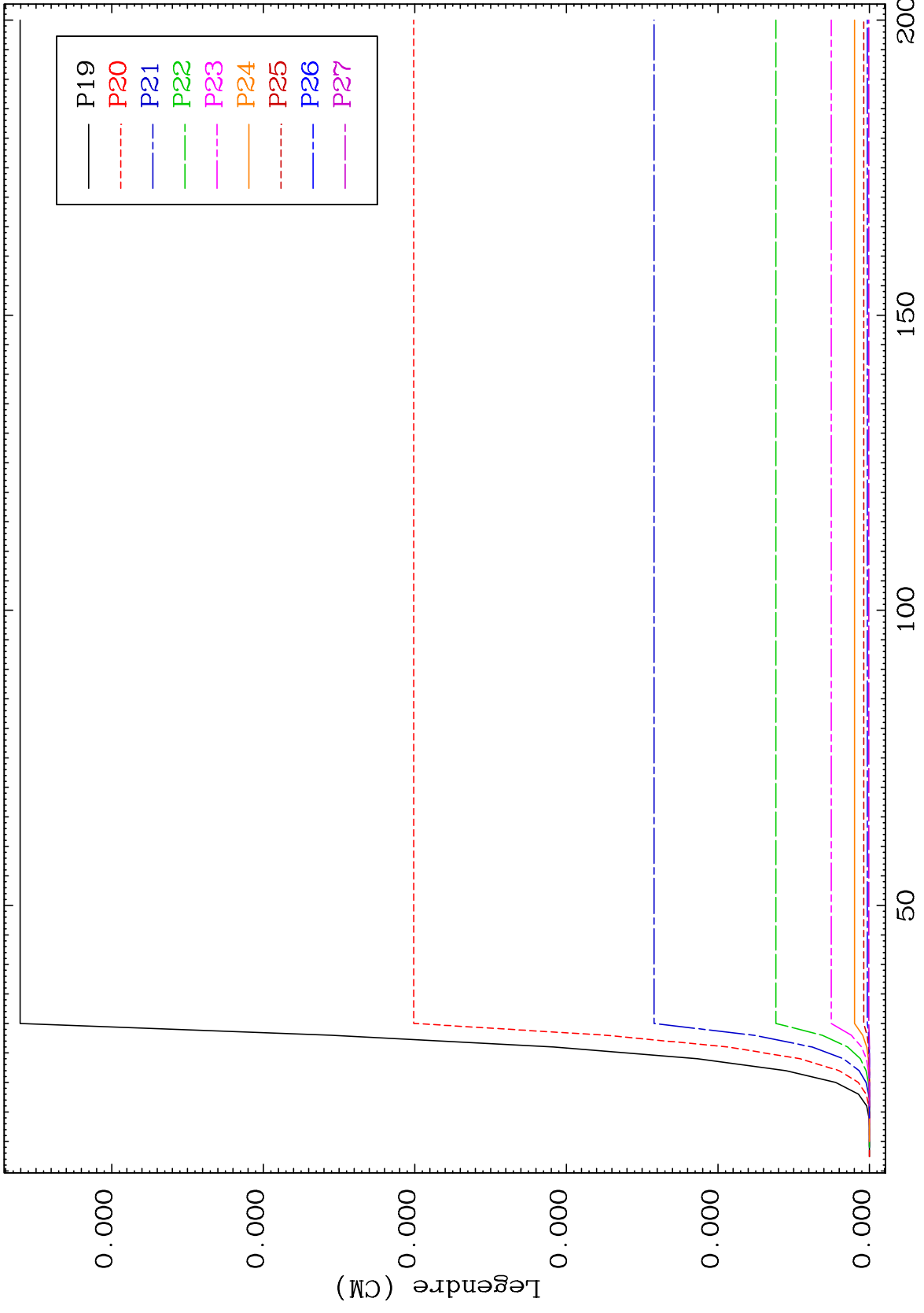


84

Incident Energy (MeV)

50-Sn-111

MAT 5022 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-111

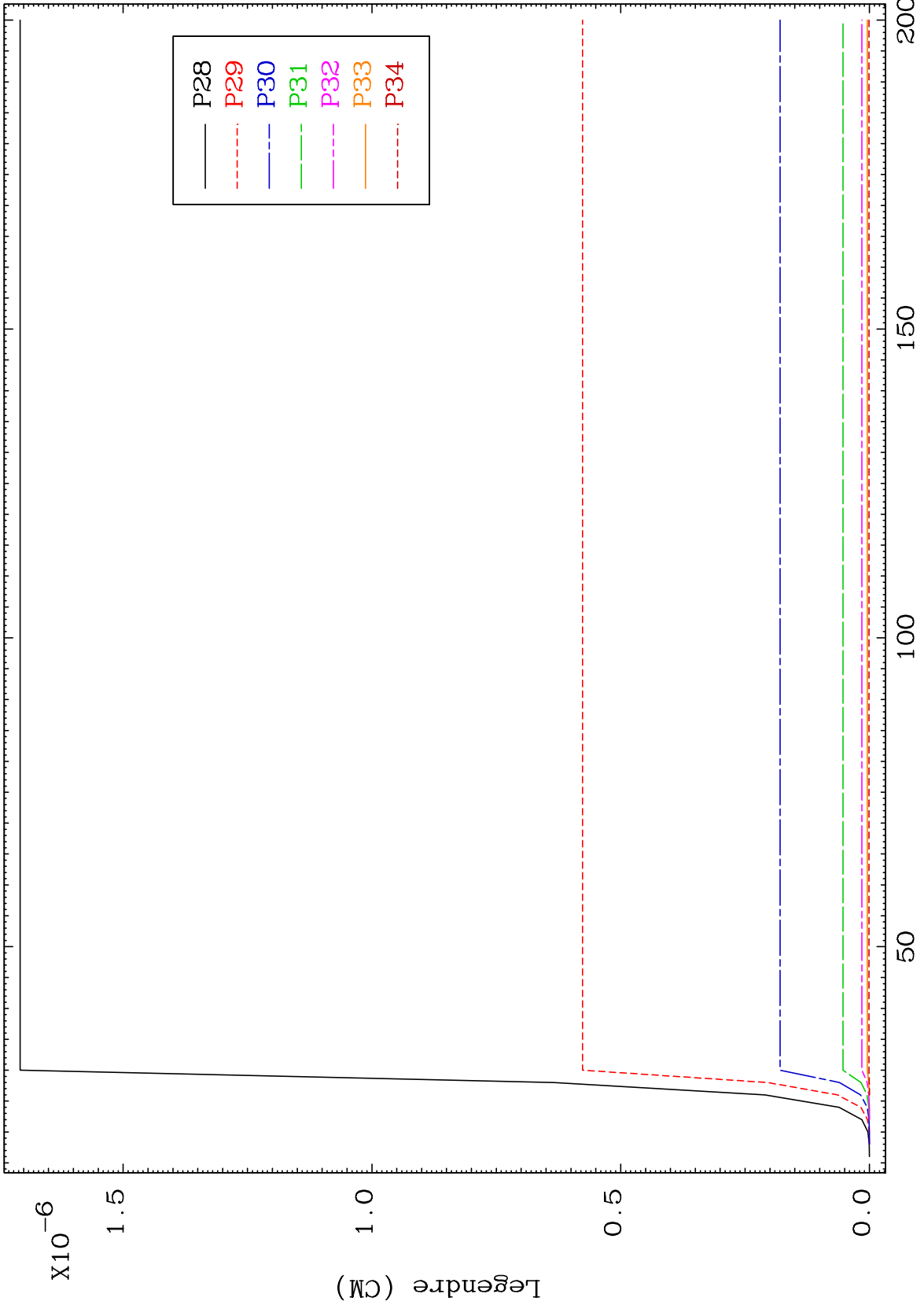


85 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

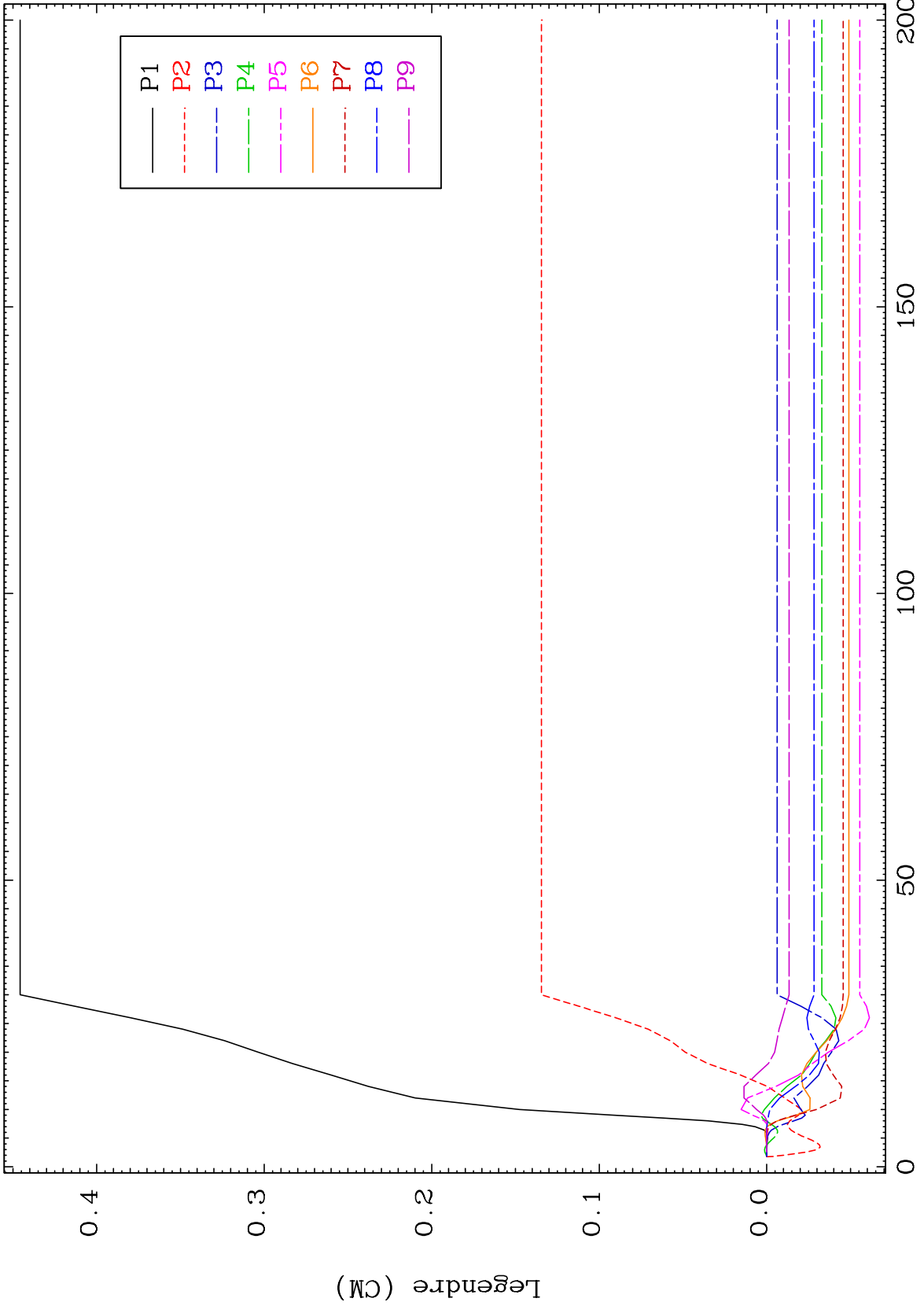
50-Sn-111



86

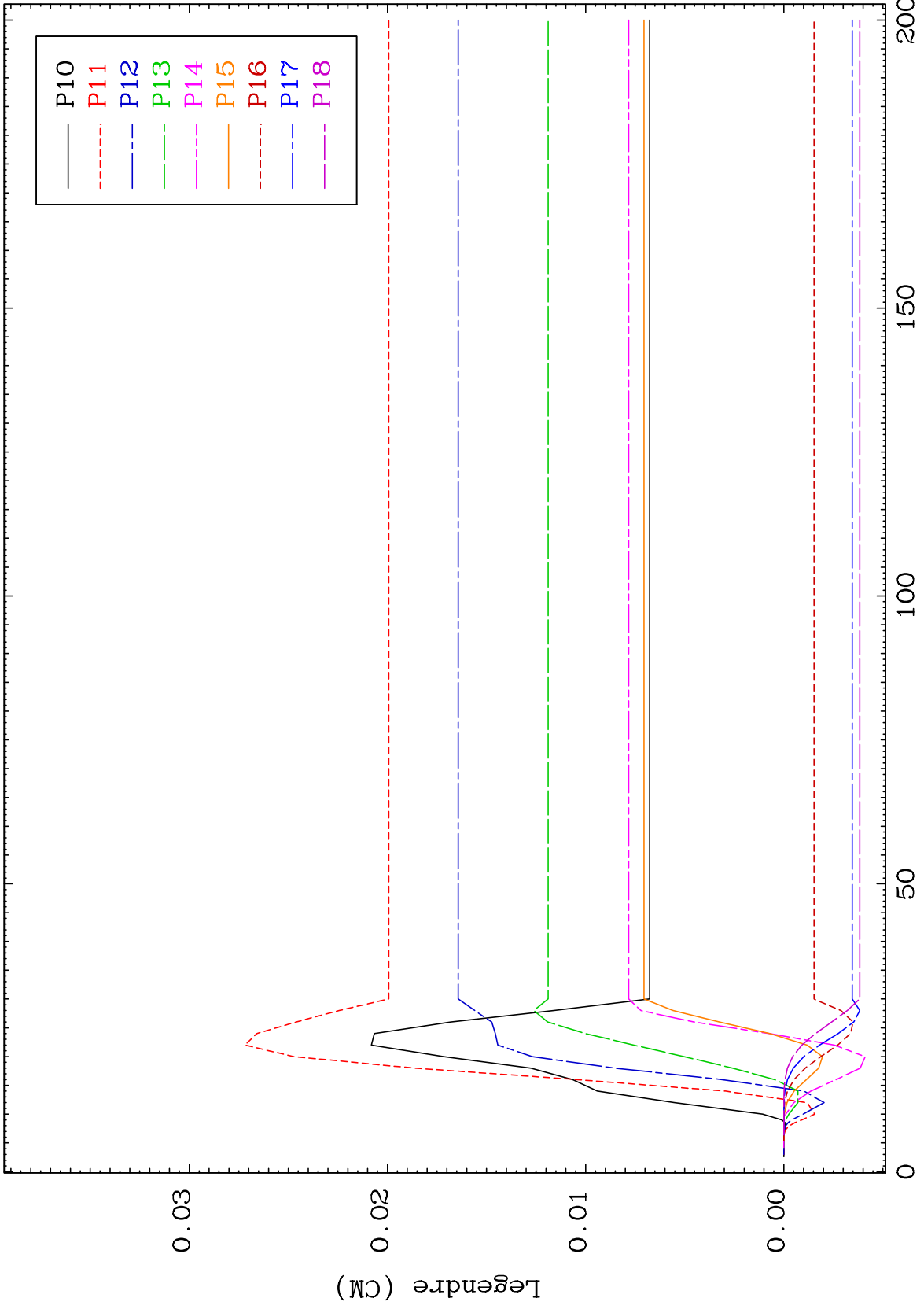
50-Sn-111

MAT 5022 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-111





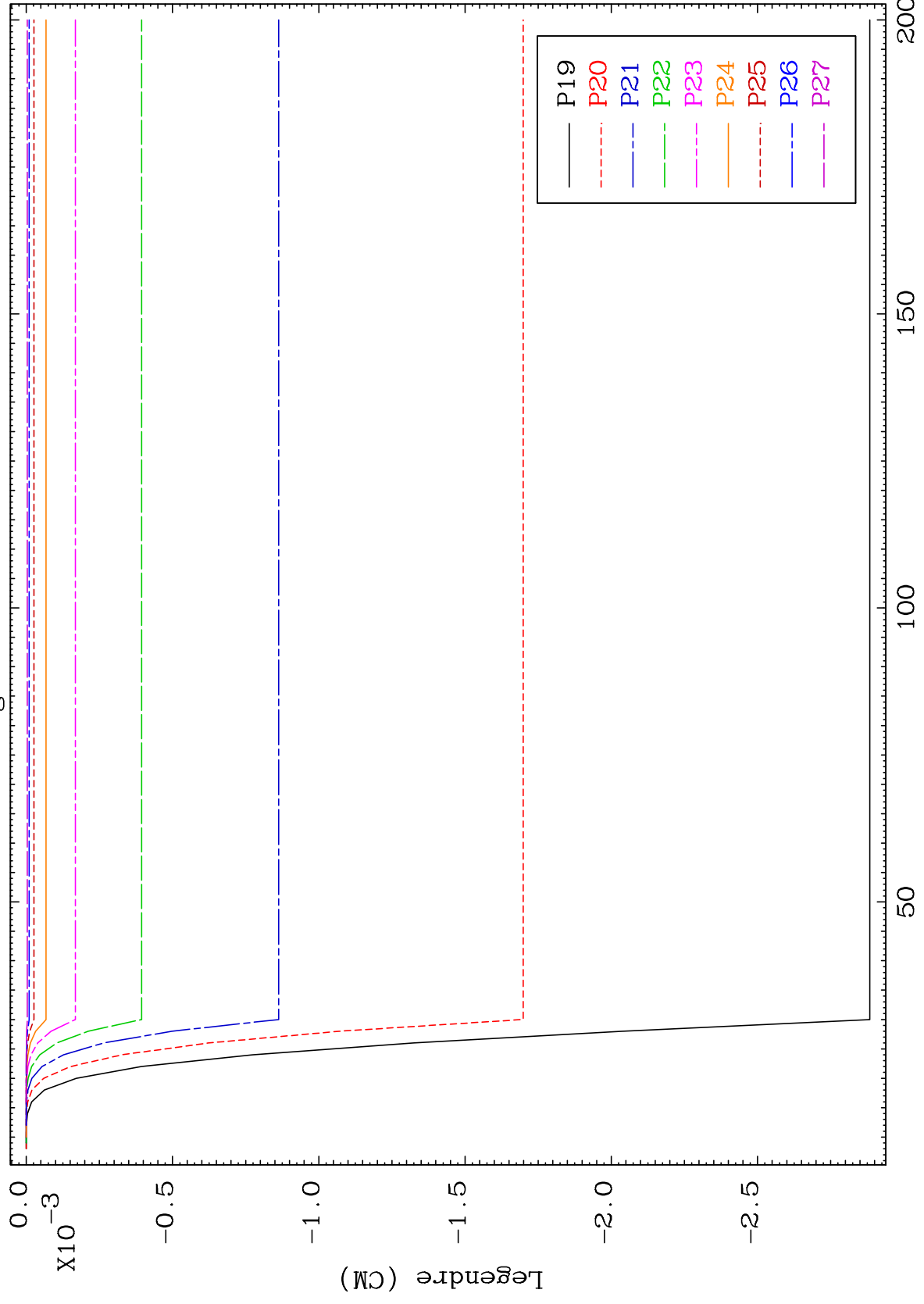
MAT 5022 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-111

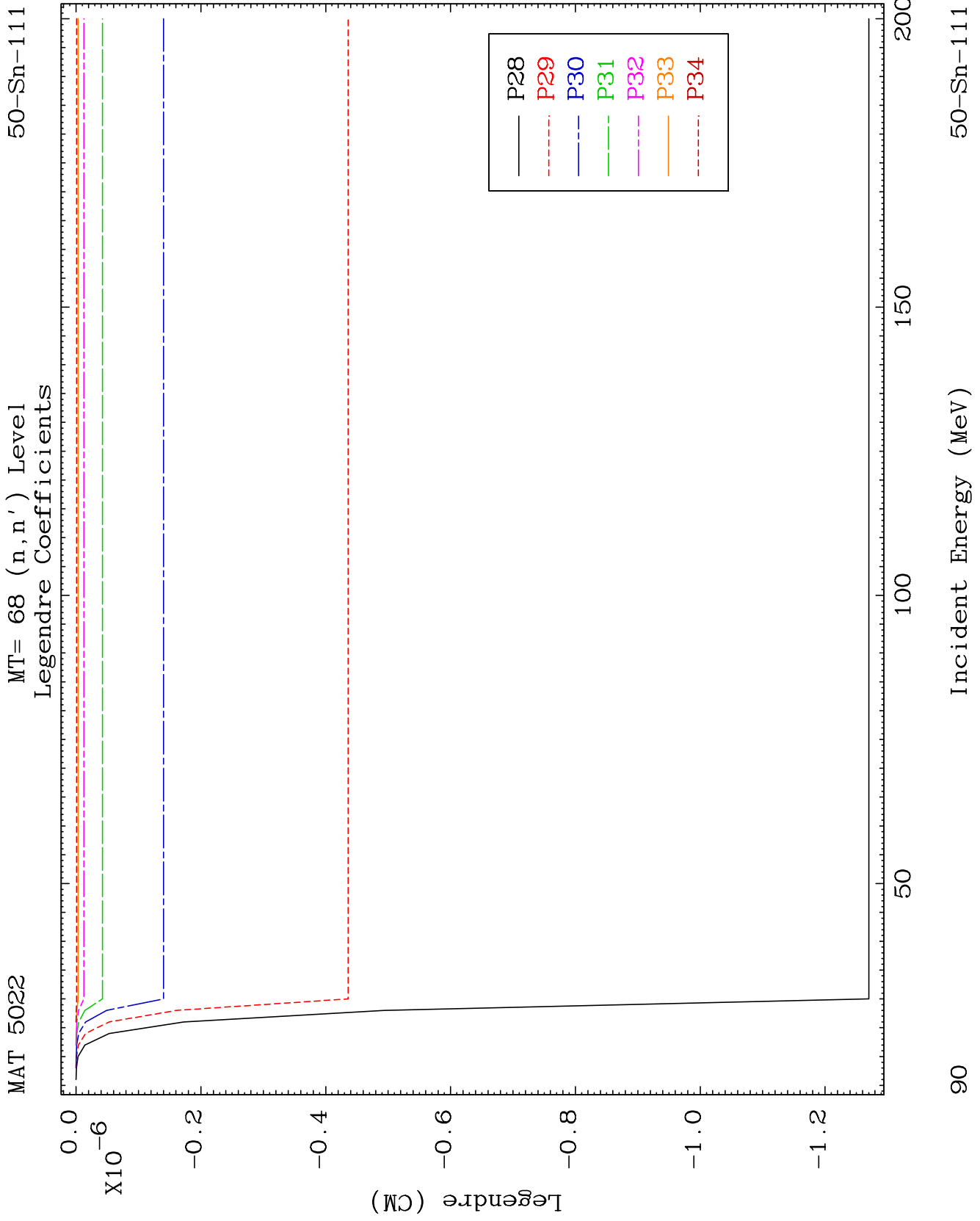


88 Incident Energy (MeV) 50-Sn-111

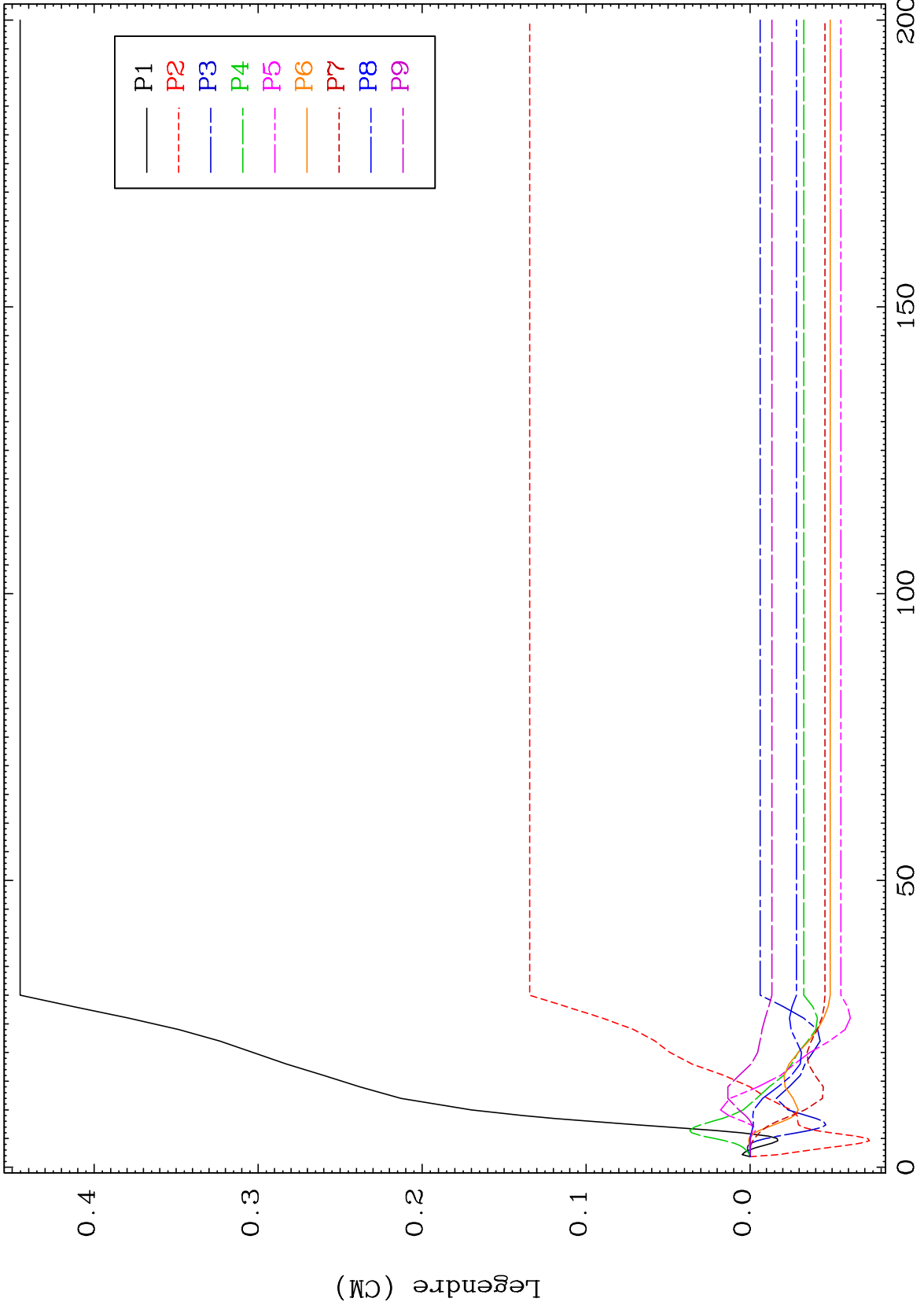
MAT 5022 MT= 68 (n,n') Level 50-Sn-111

Legendre Coefficients



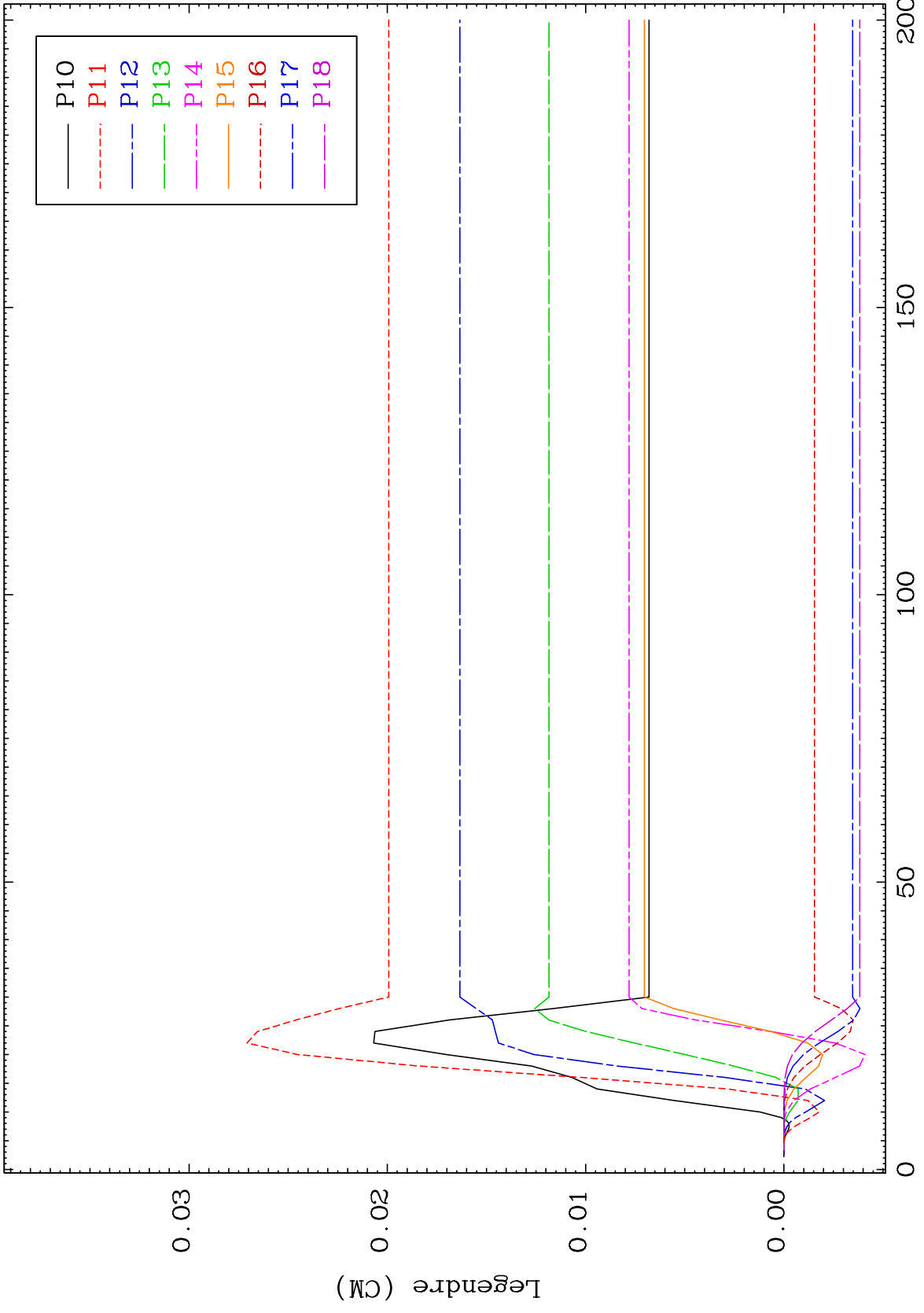


MAT 5022 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-111



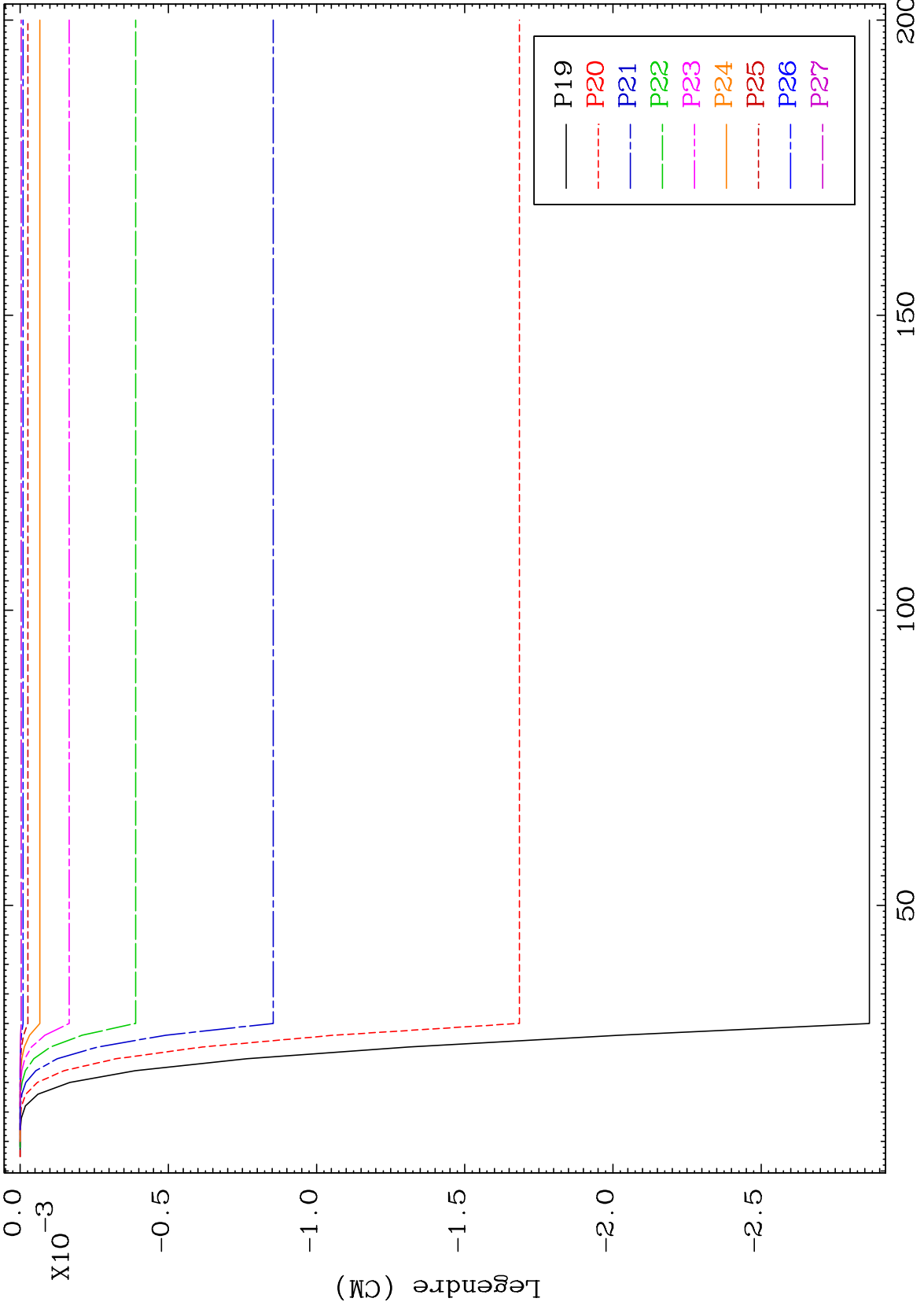
91 50-Sn-111

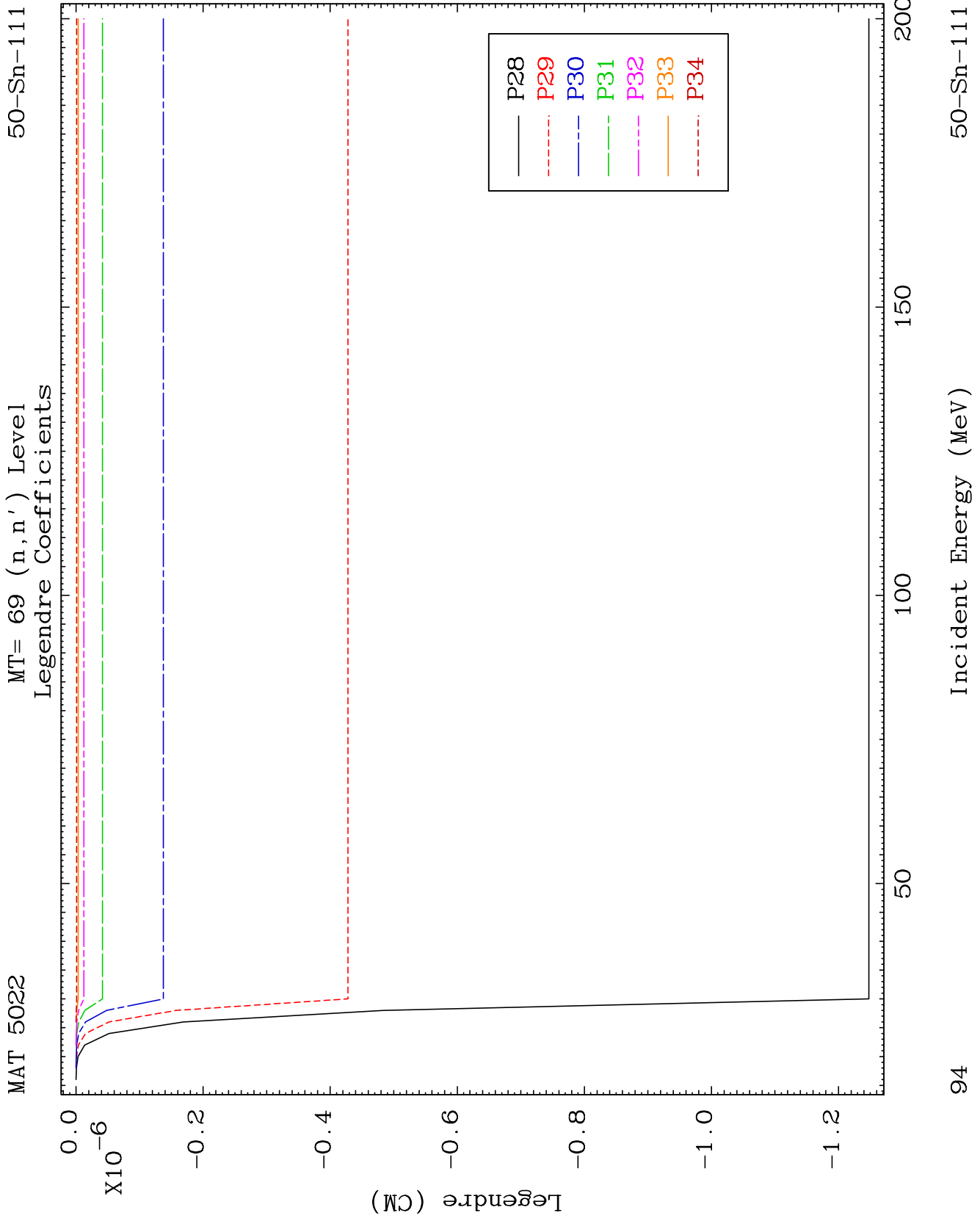
MAT 5022 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-111

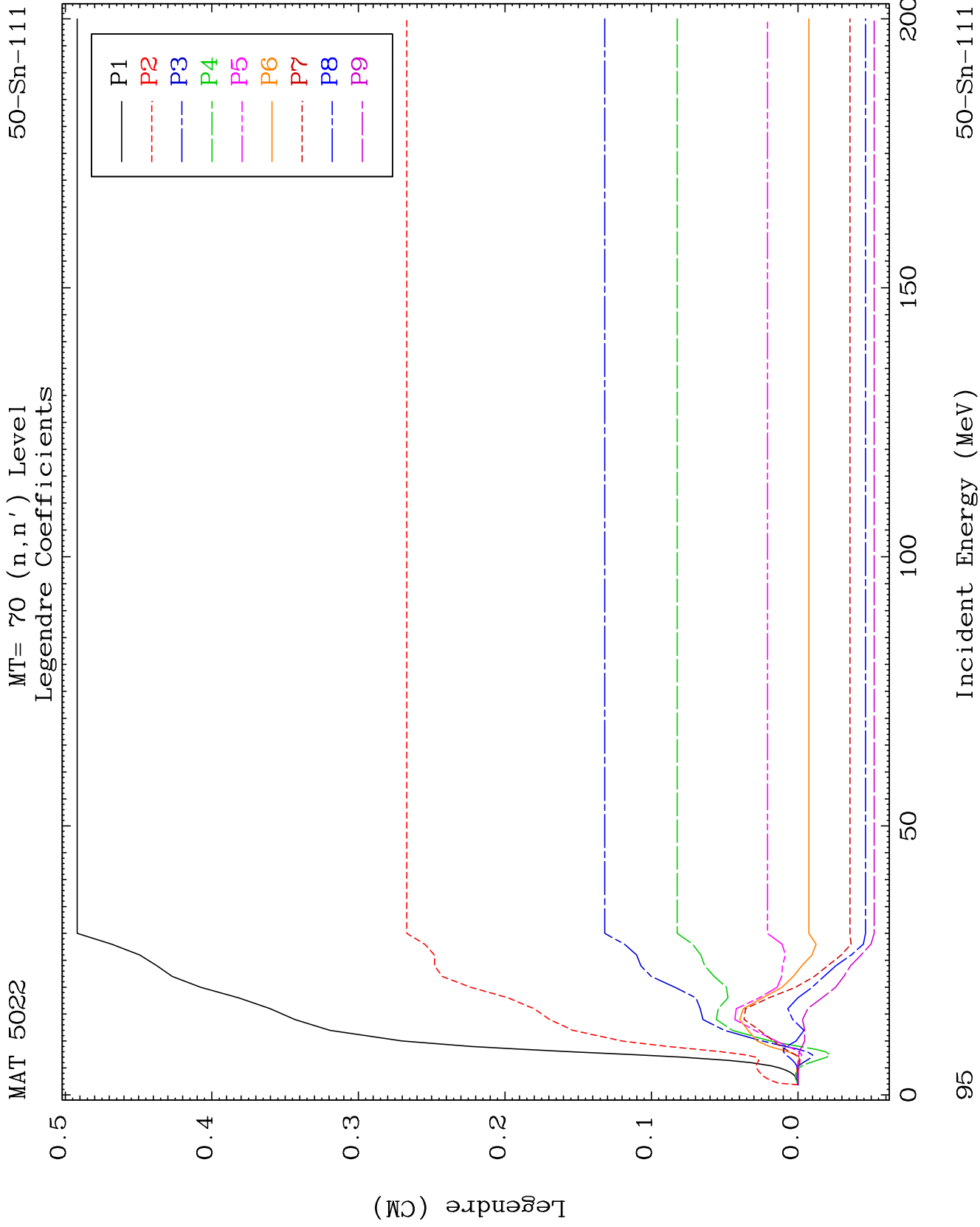


92 50-Sn-111

MAT 5022 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-111

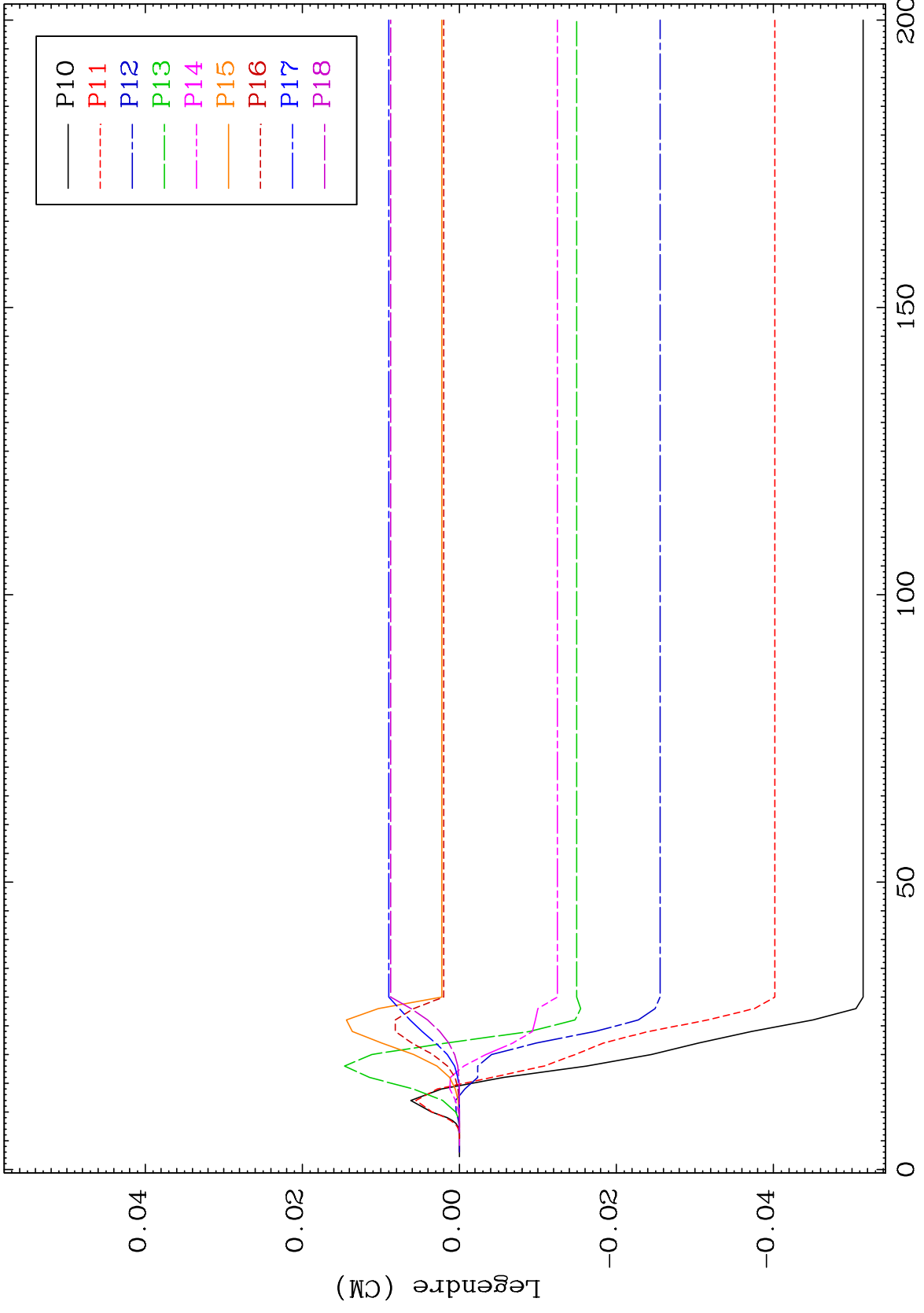






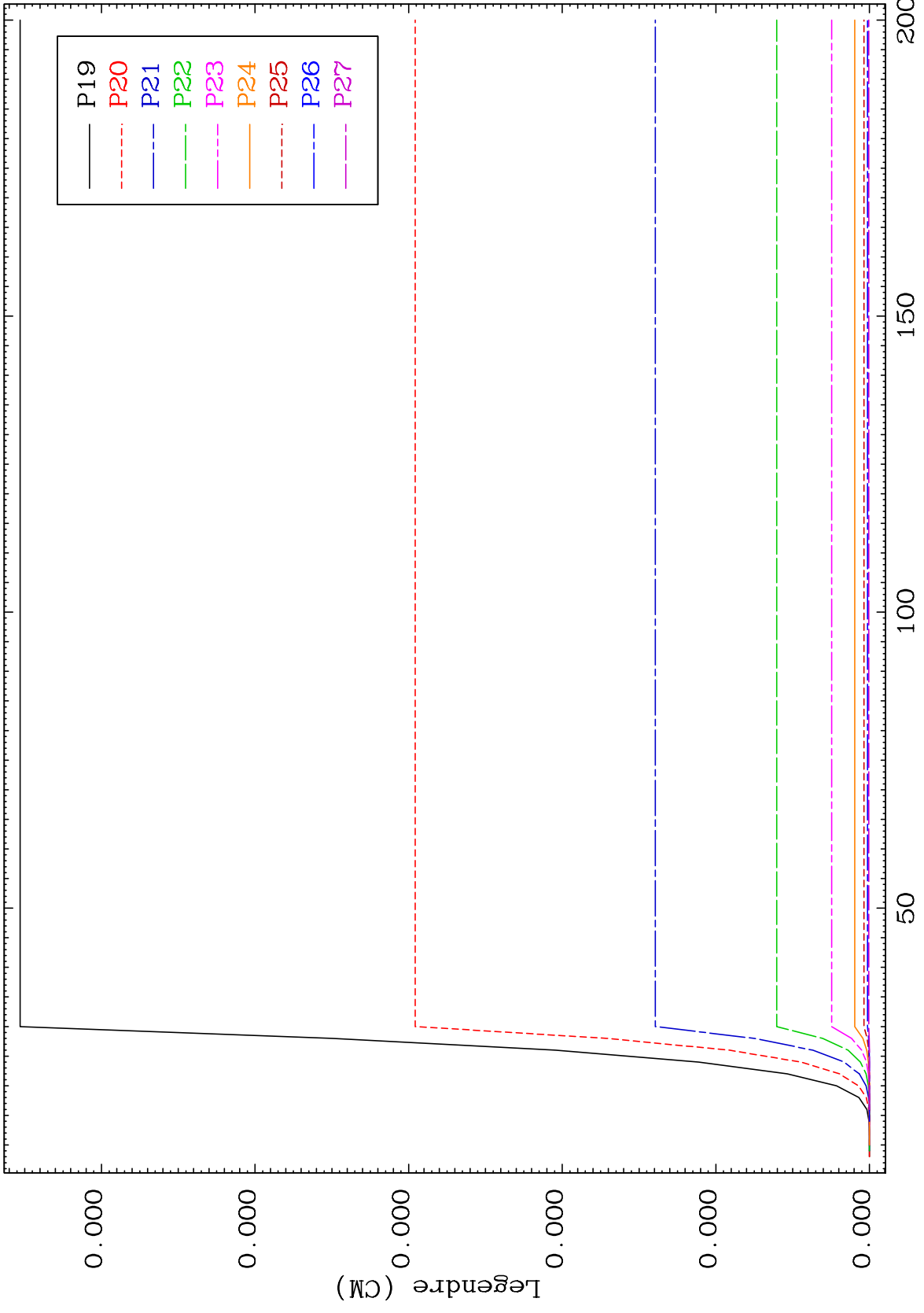


MAT 5022 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-111



96 Incident Energy (MeV) 50-Sn-111

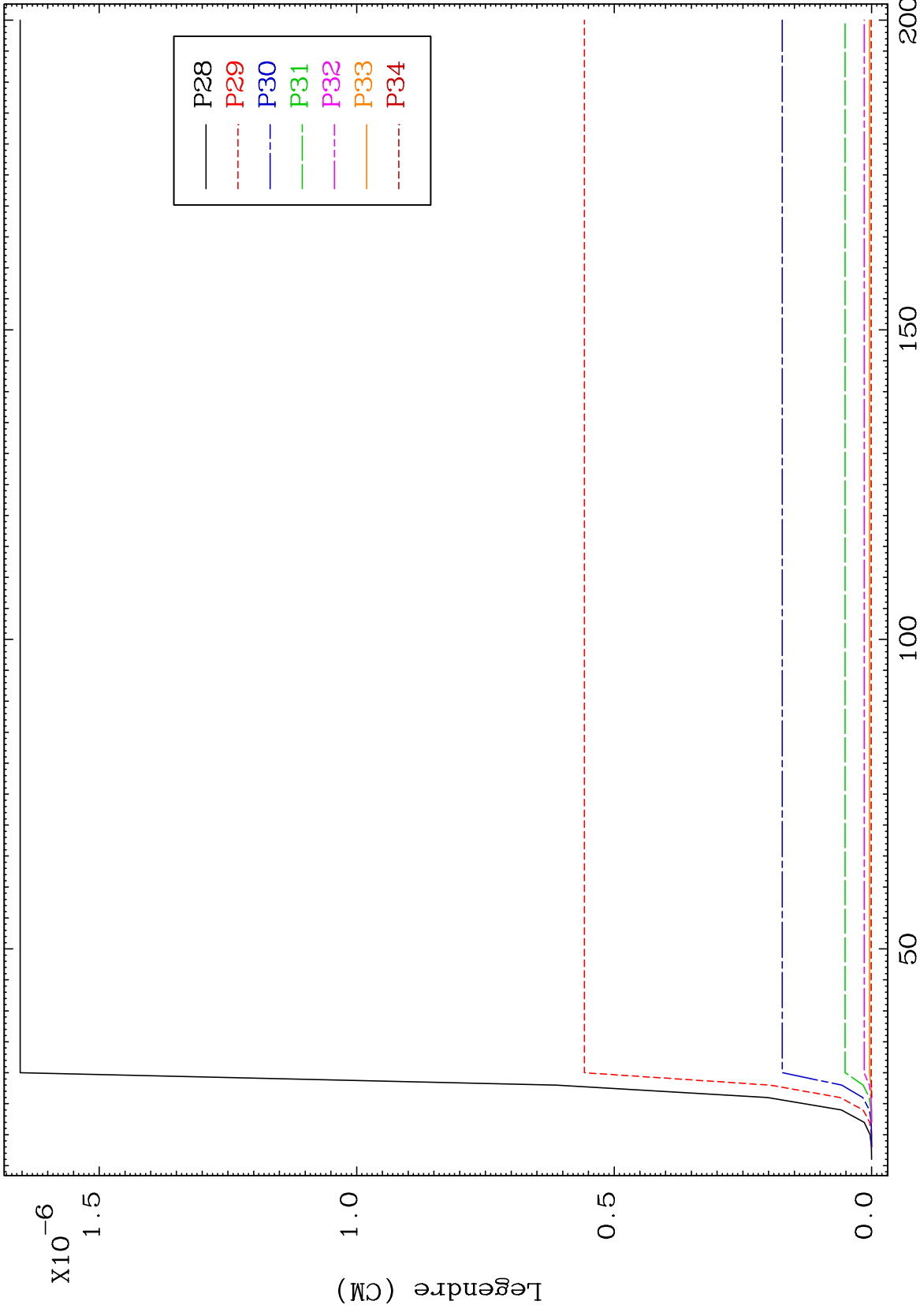
MAT 5022 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

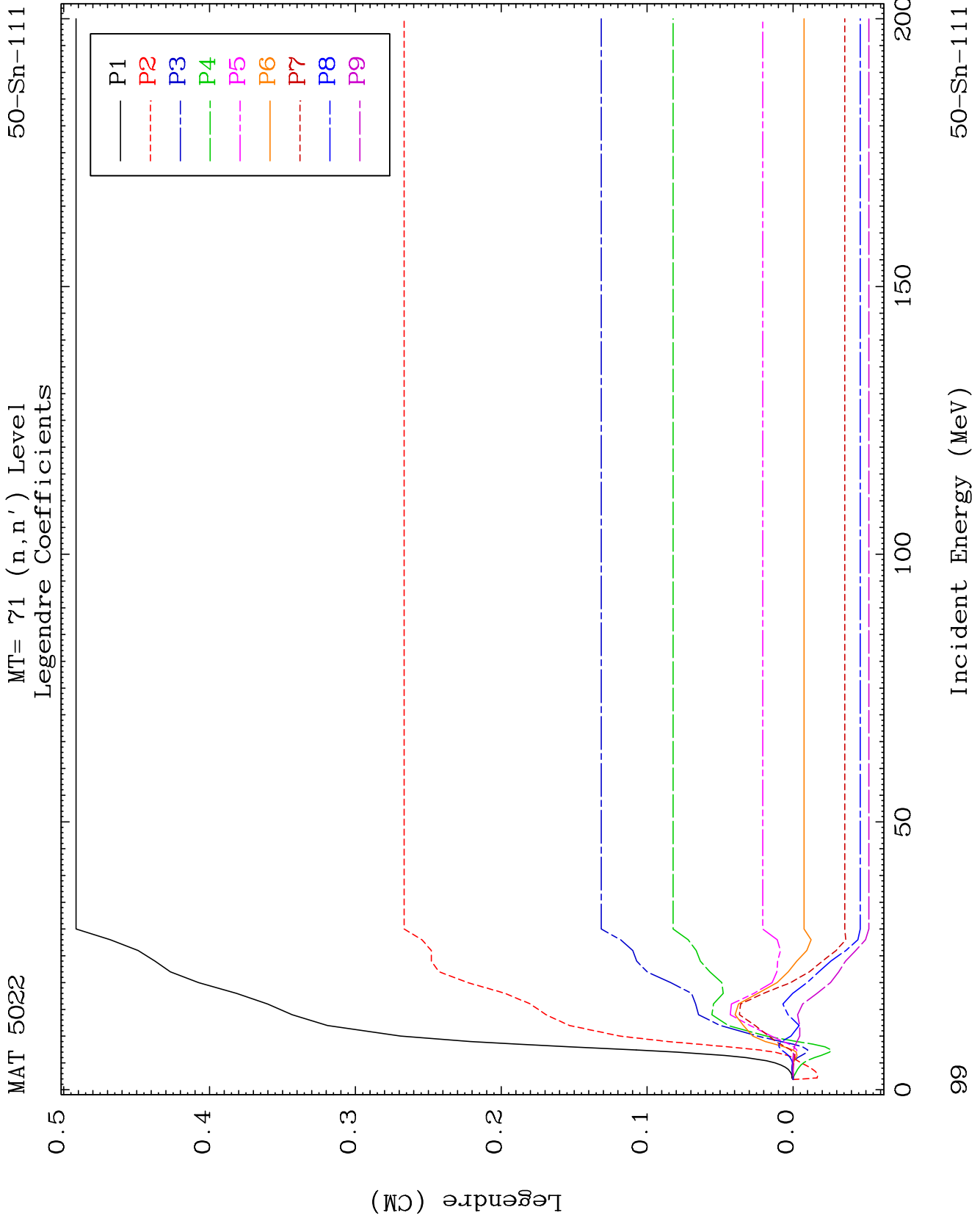
50-Sn-111



98

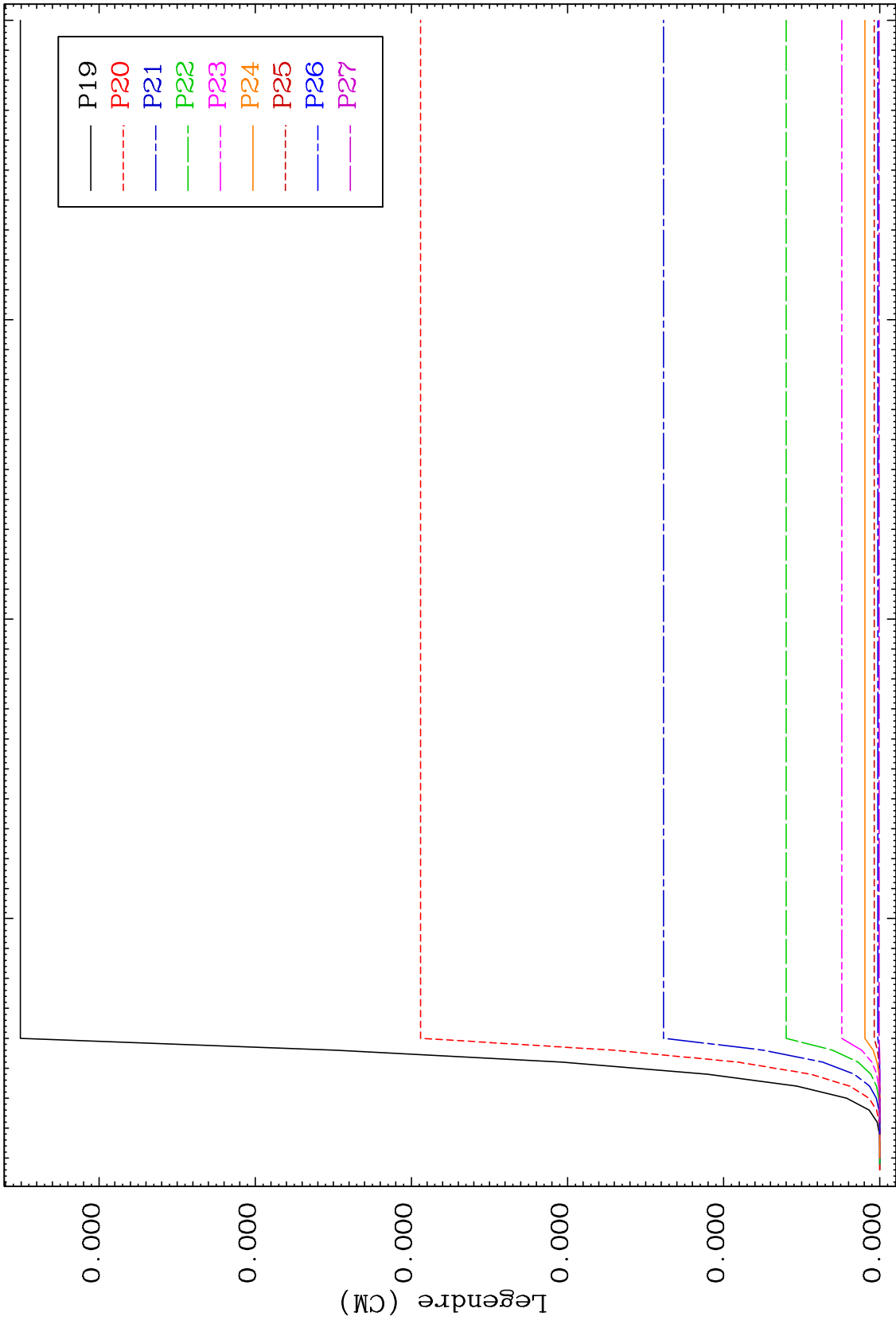
Incident Energy (MeV)

50-Sn-111





MAT 5022 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-111

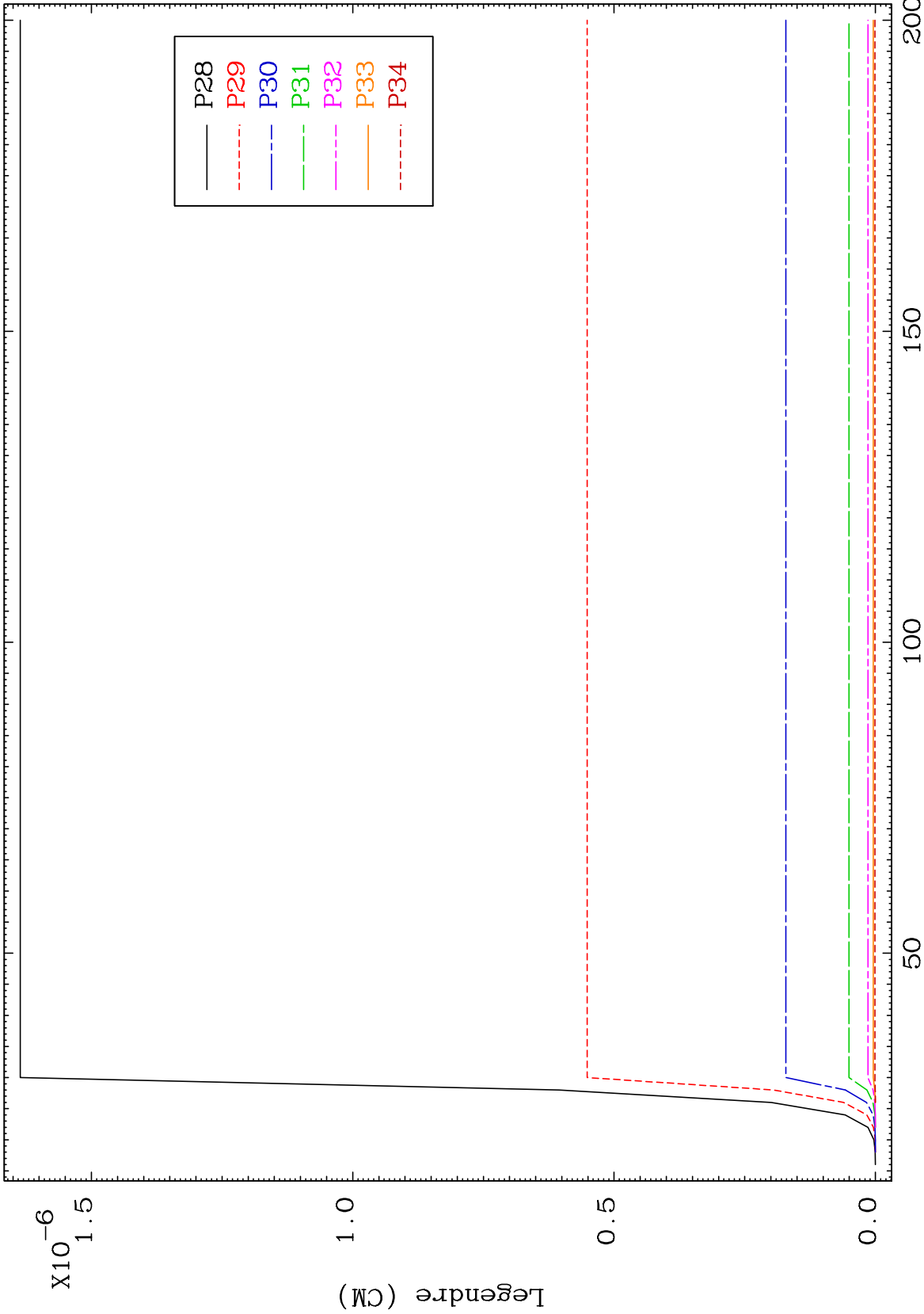


101 50-Sn-111

MAT 5022

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

50-Sn-111

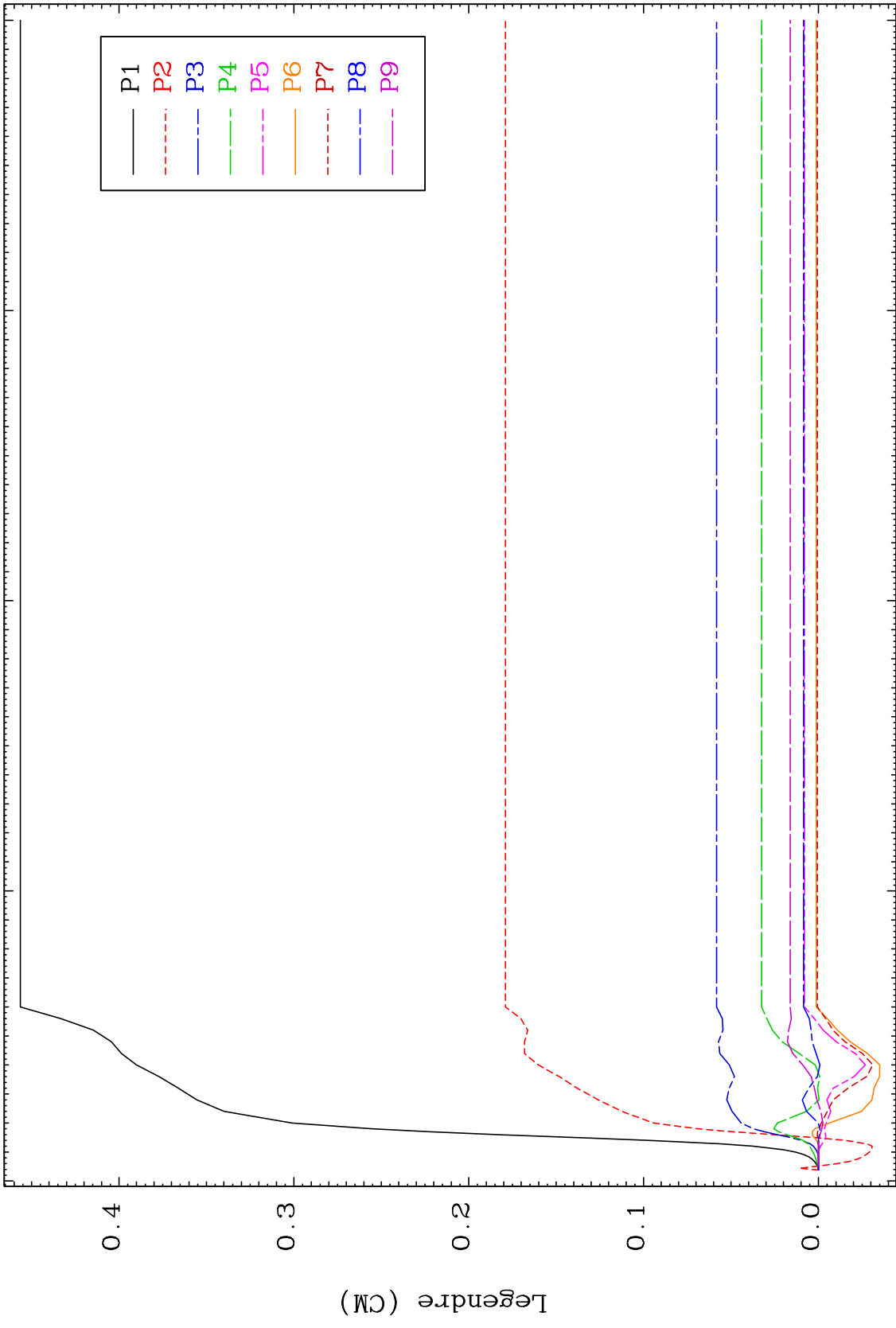


102

Incident Energy (MeV)

50-Sn-111

MAT 5022 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-111



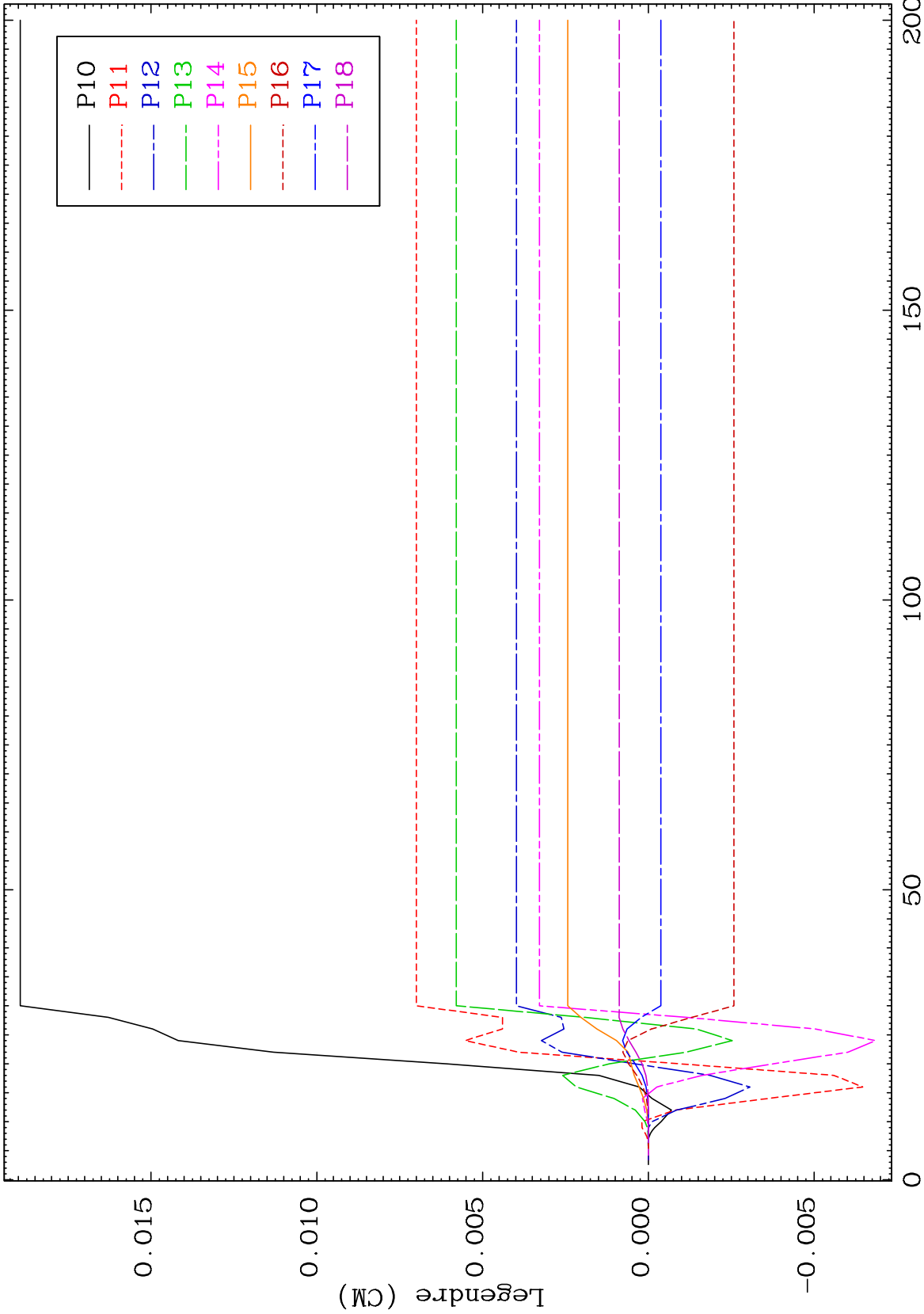
103 Incident Energy (MeV) 50-Sn-111



MAT 5022

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

50-Sn-111



50-Sn-111

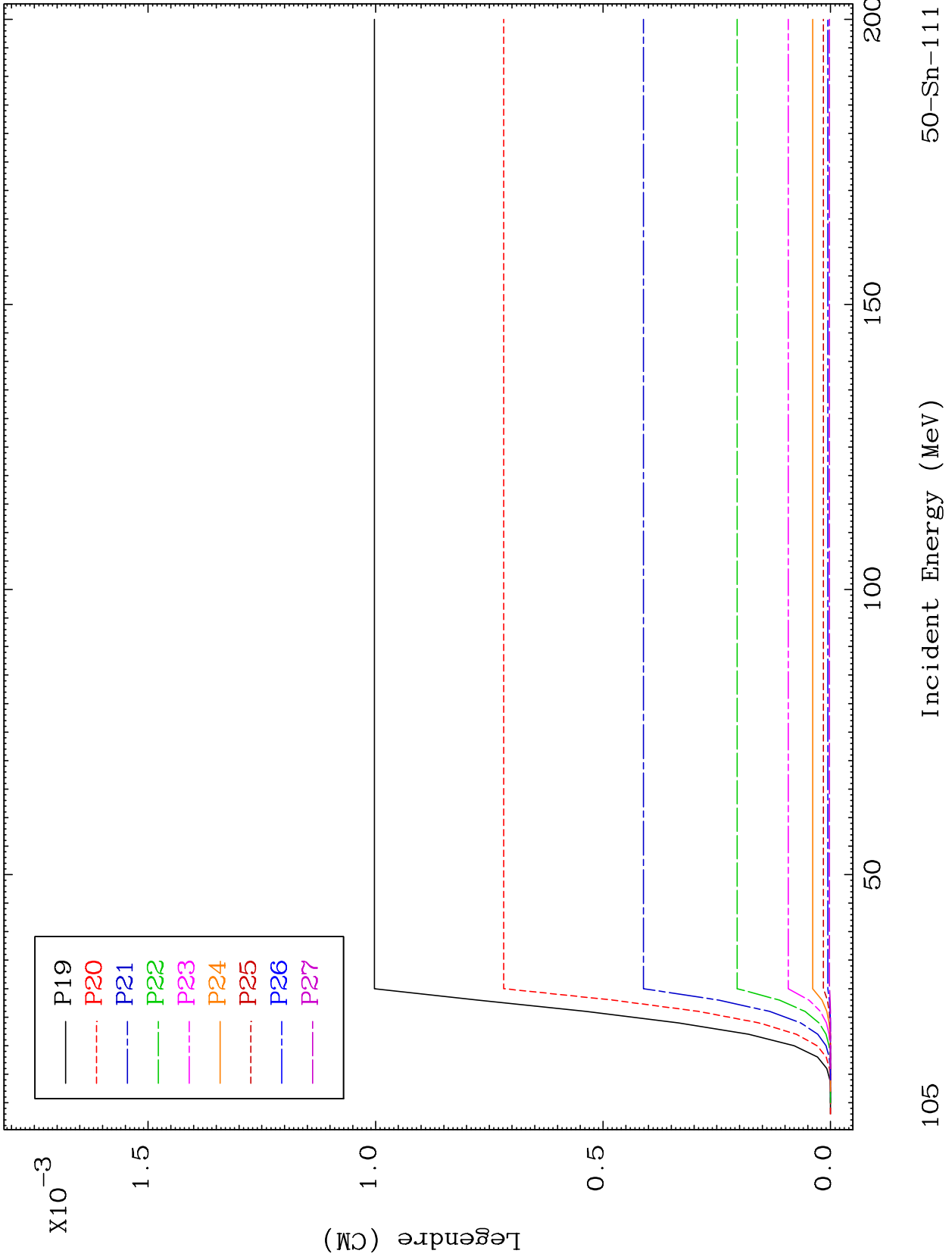
Incident Energy (MeV)

104

MAT 5022

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

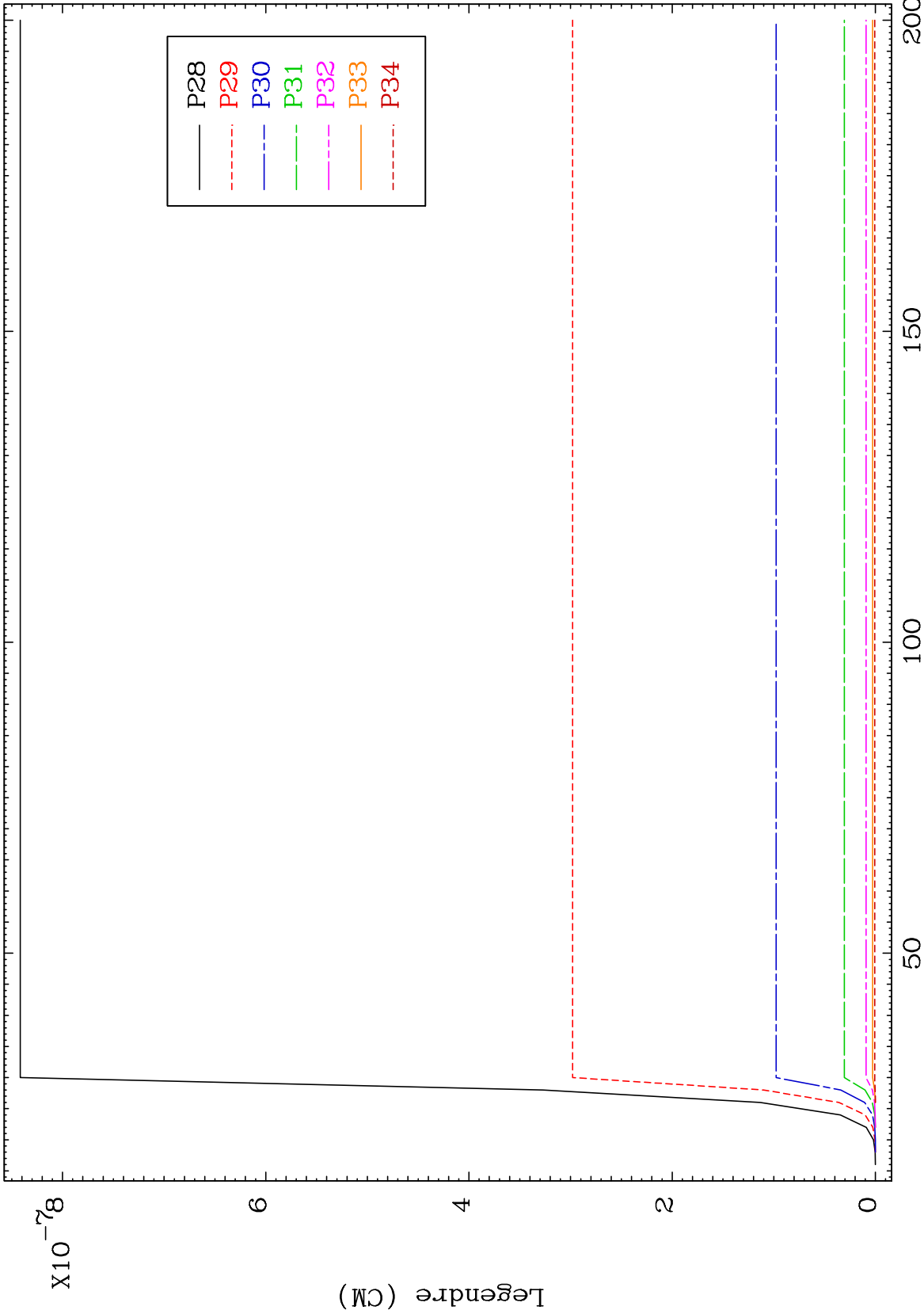
50-Sn-111



MAT 5022

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

50-Sn-111

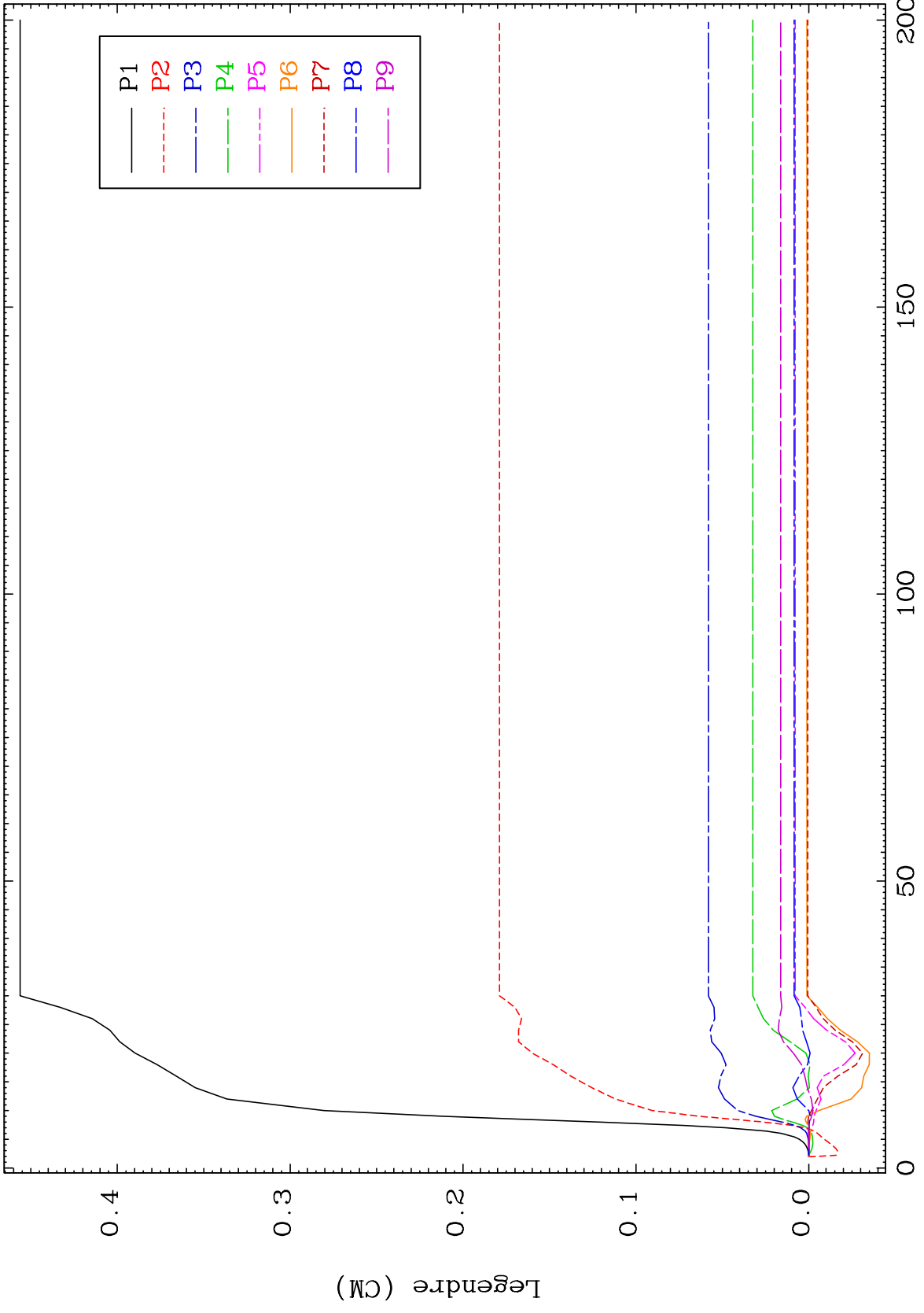


106

Incident Energy (MeV)

50-Sn-111

MAT 5022 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-111

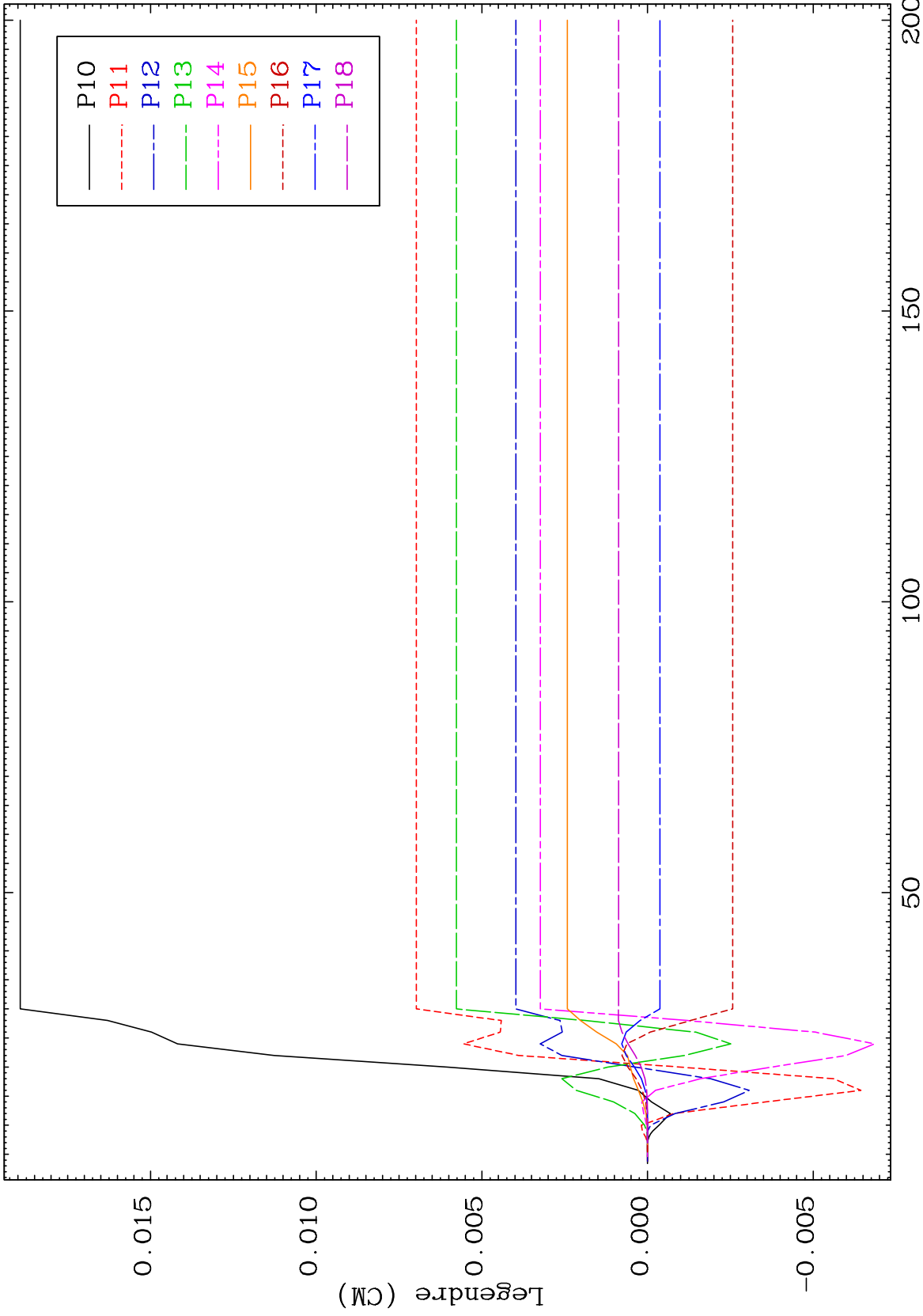


107 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



50-Sn-111

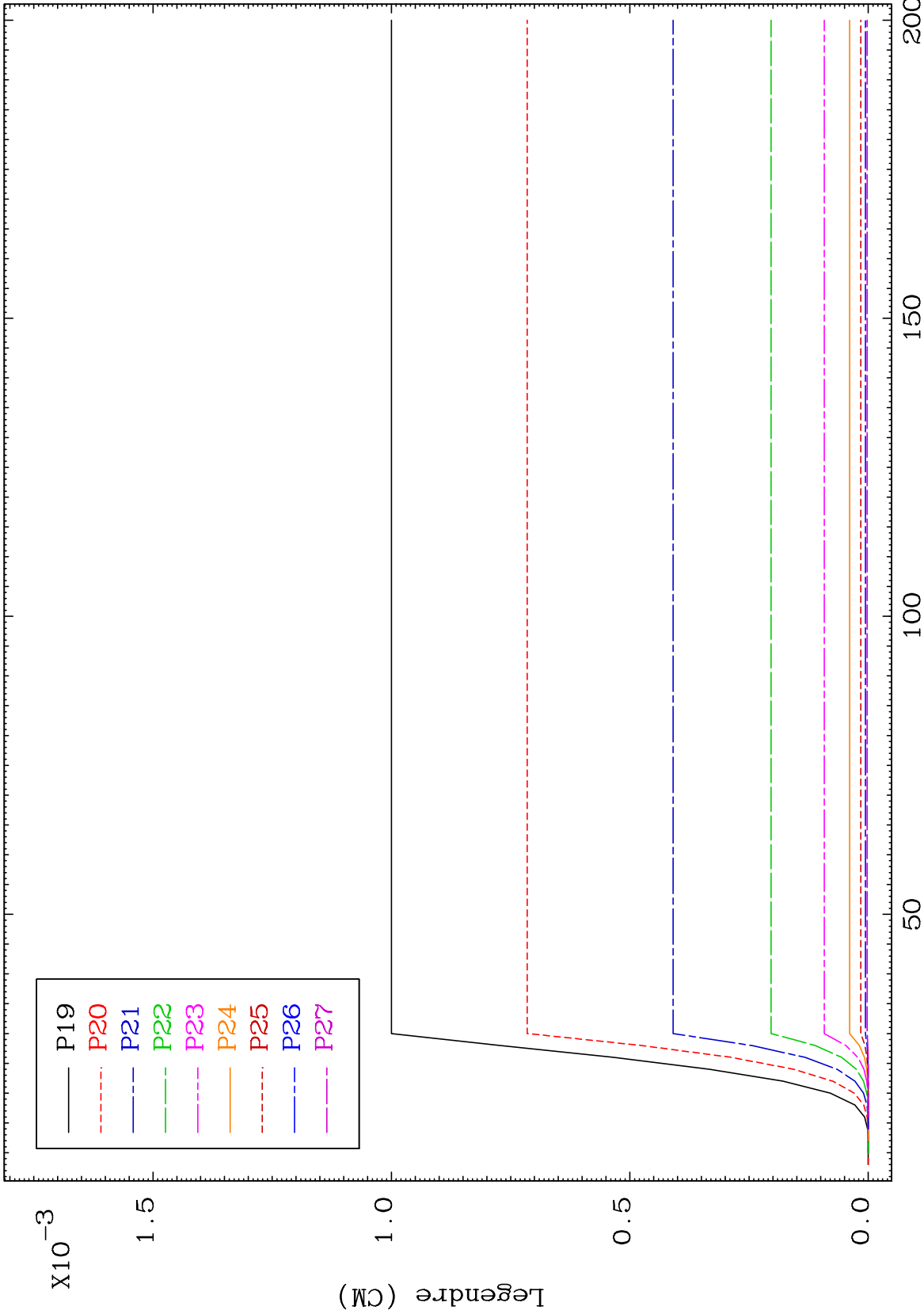
Incident Energy (MeV)

108

MAT 5022

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

50-Sn-111



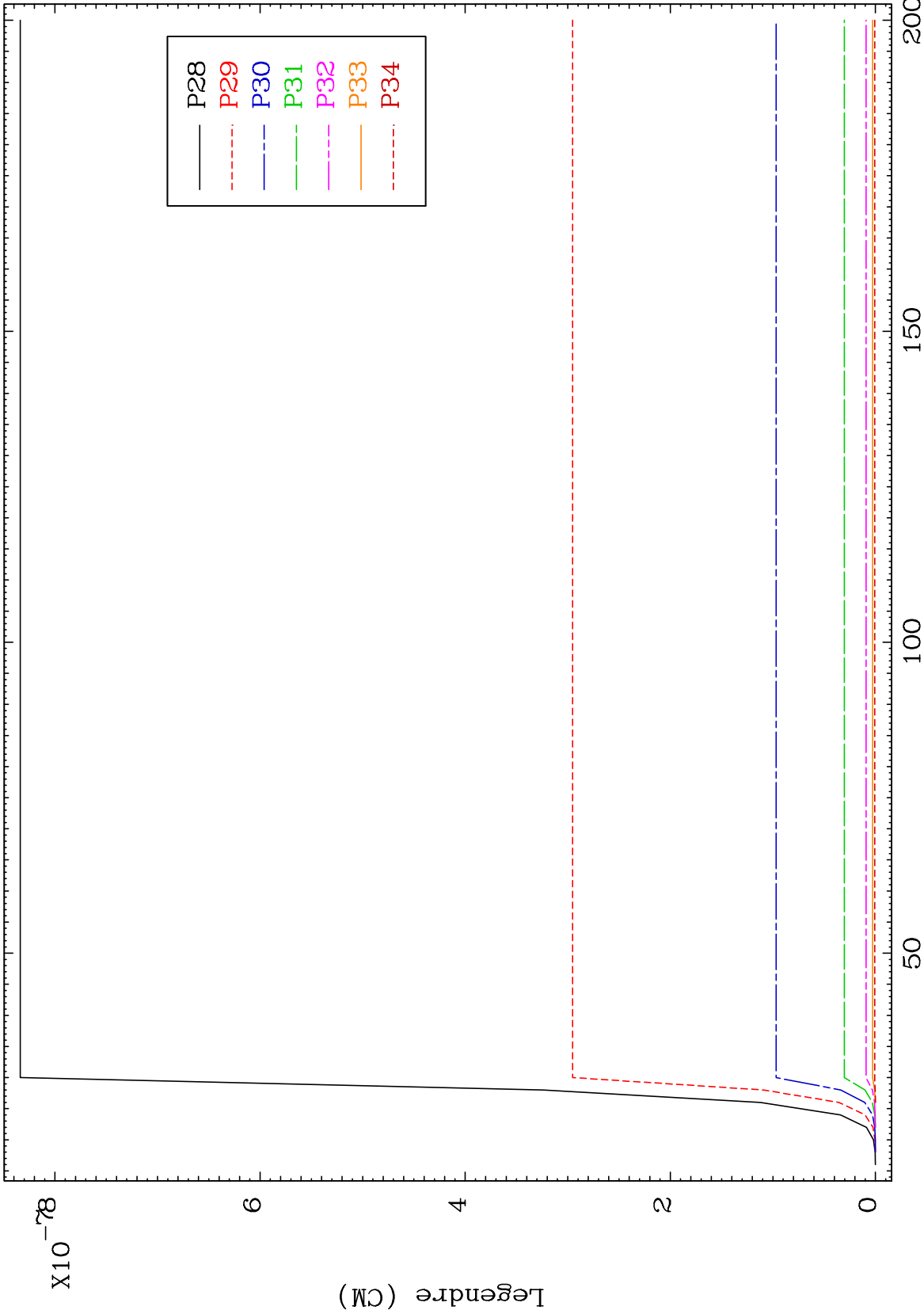
109

50-Sn-111

MAT 5022

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

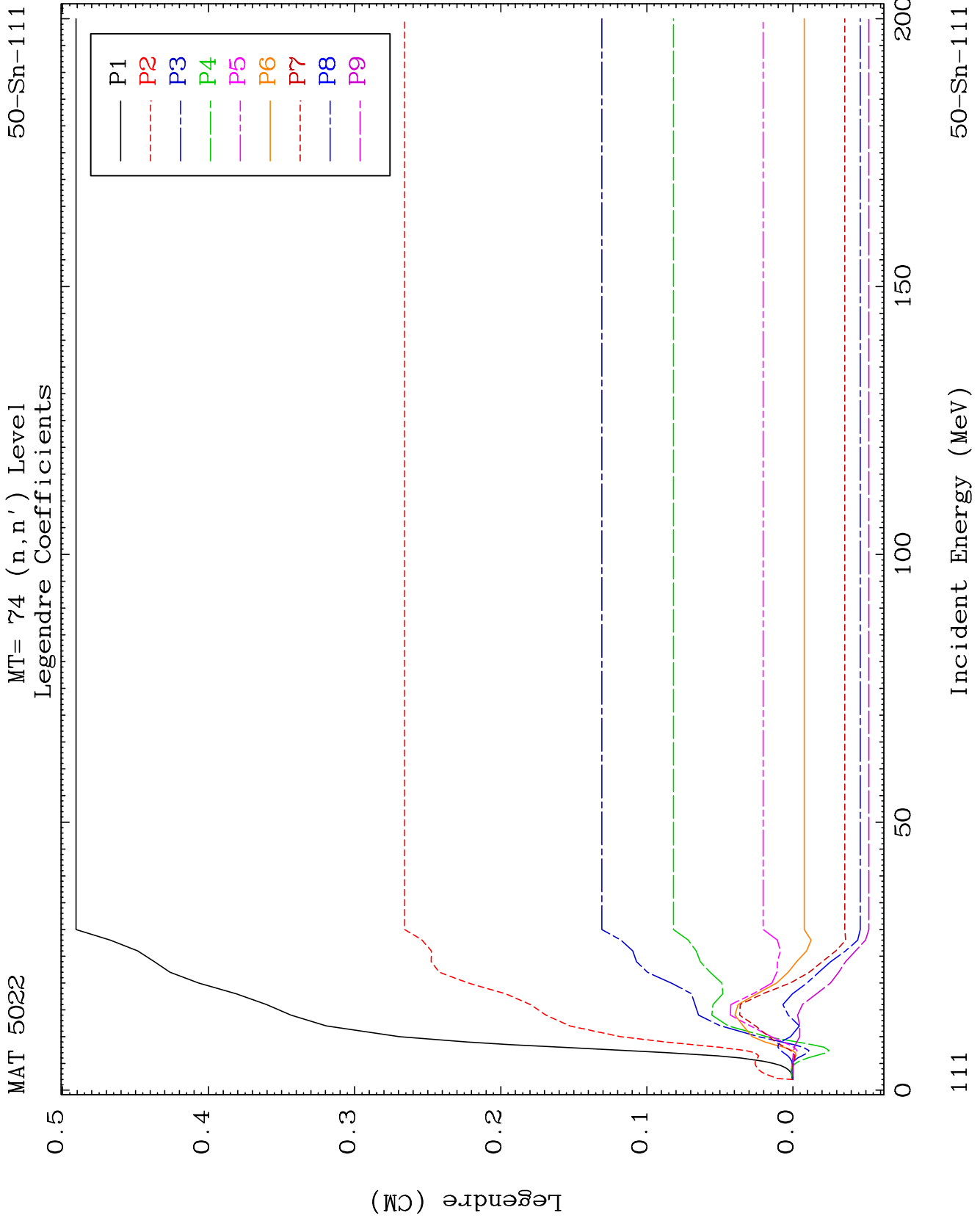
50-Sn-111



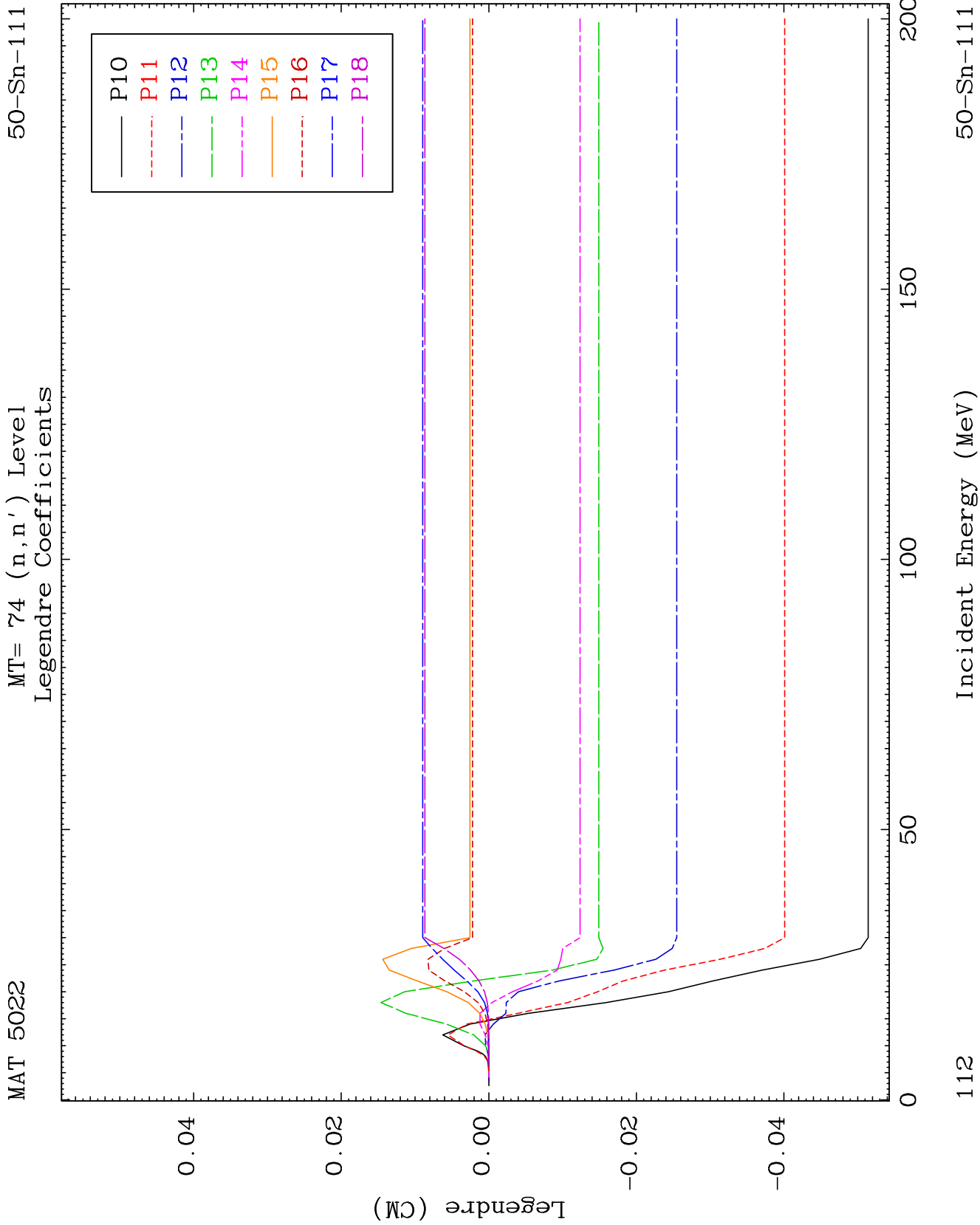
110

Incident Energy (MeV)

50-Sn-111



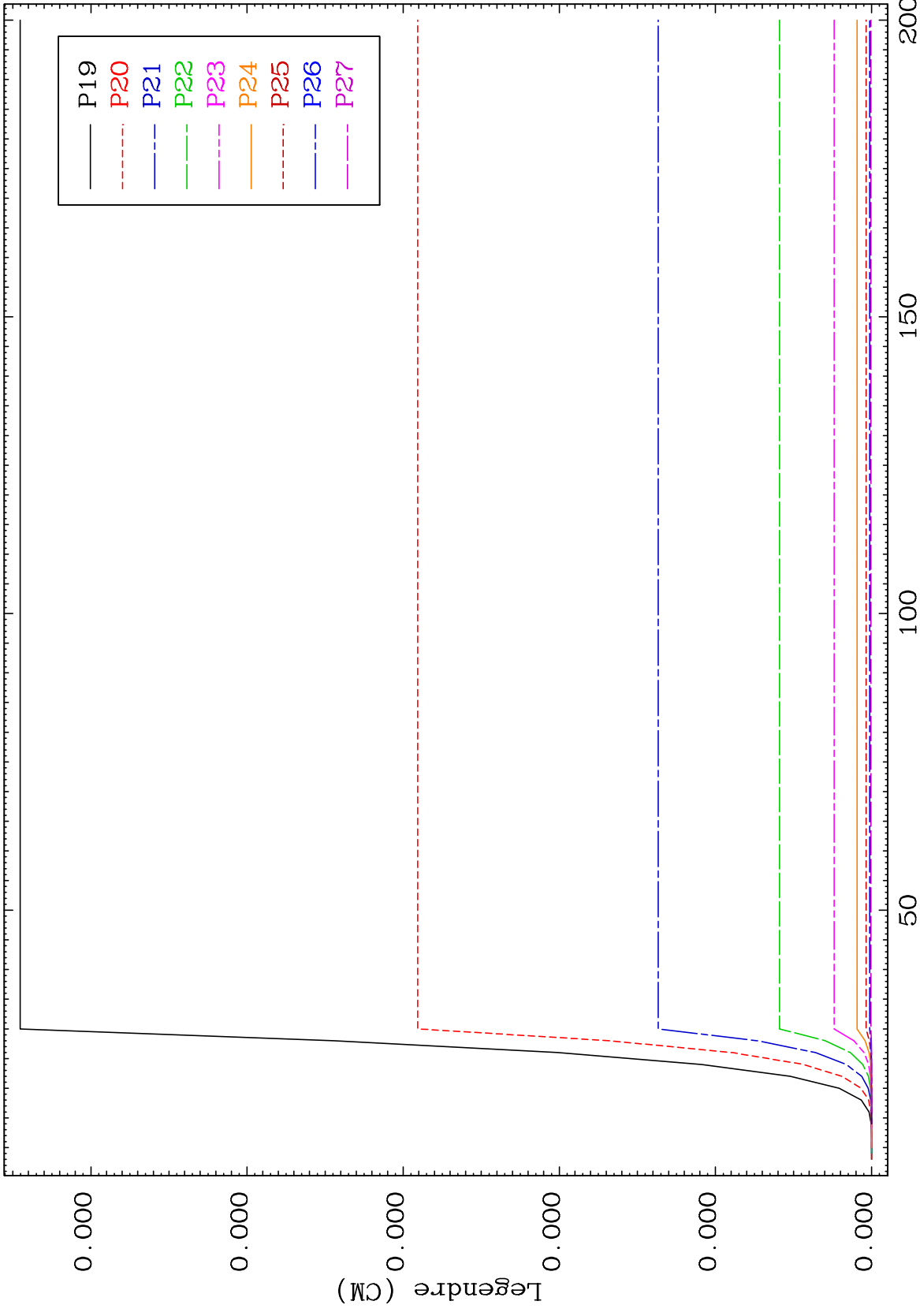




MAT 5022

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

50-Sn-111



113

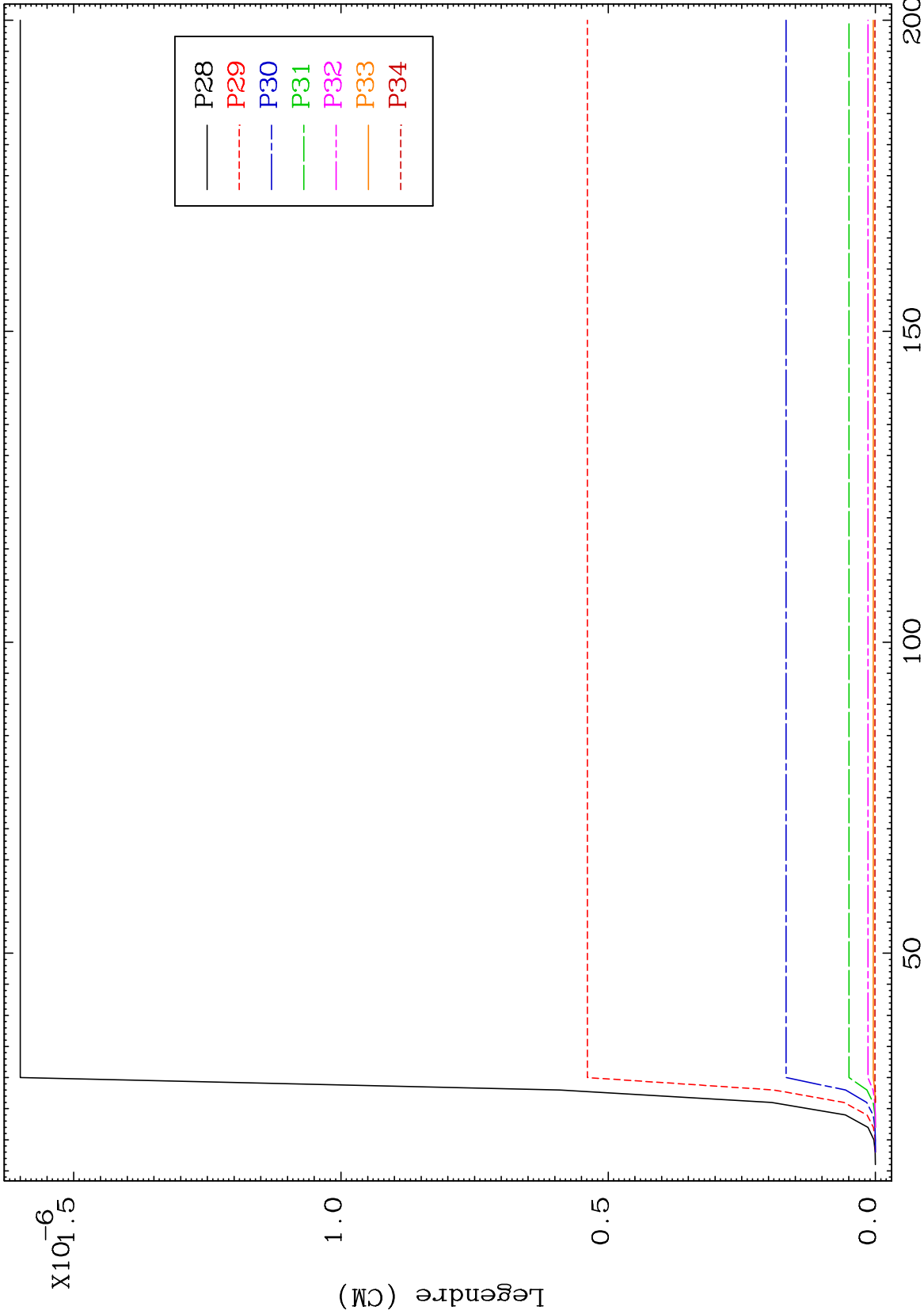
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

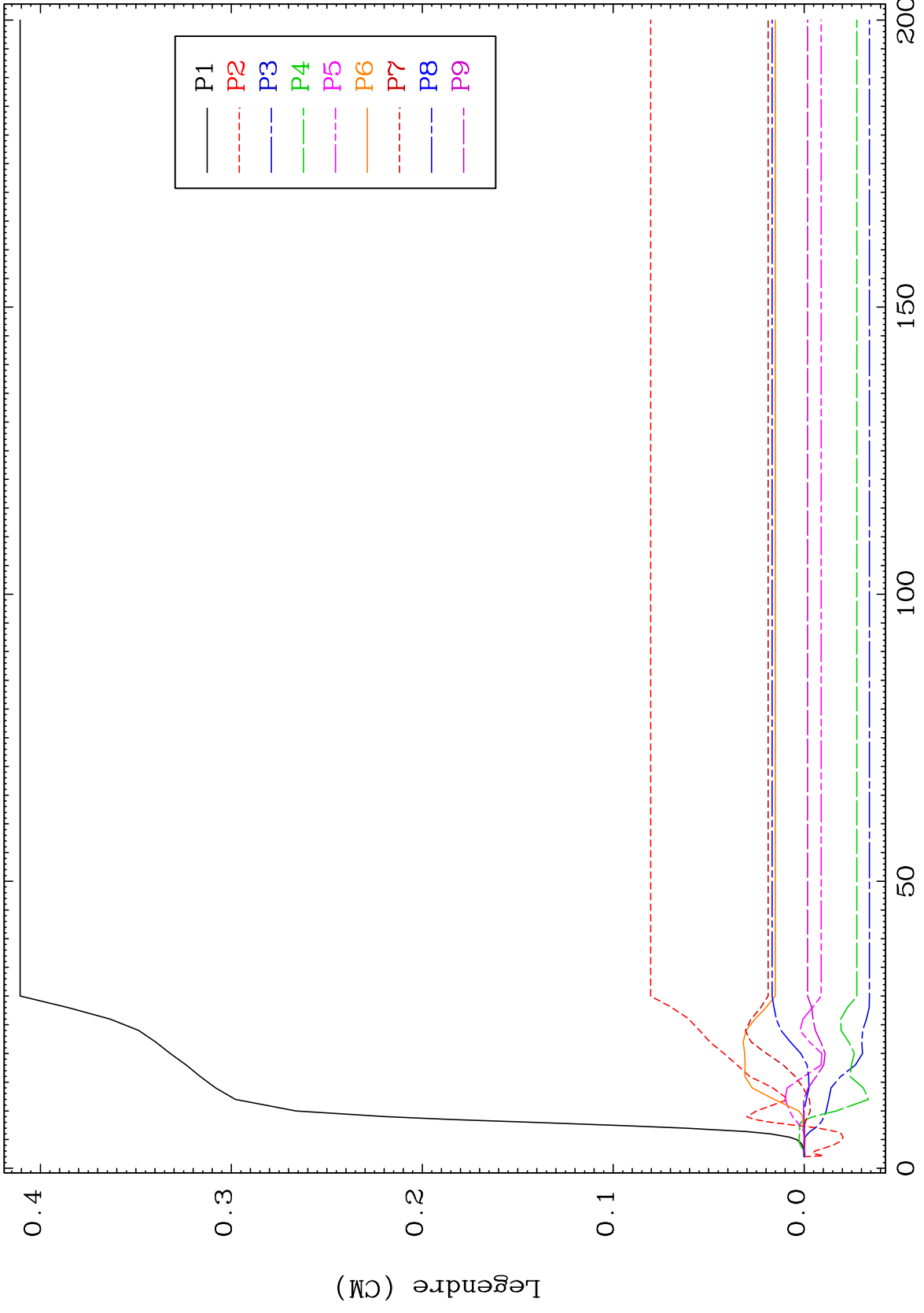
50-Sn-111



114

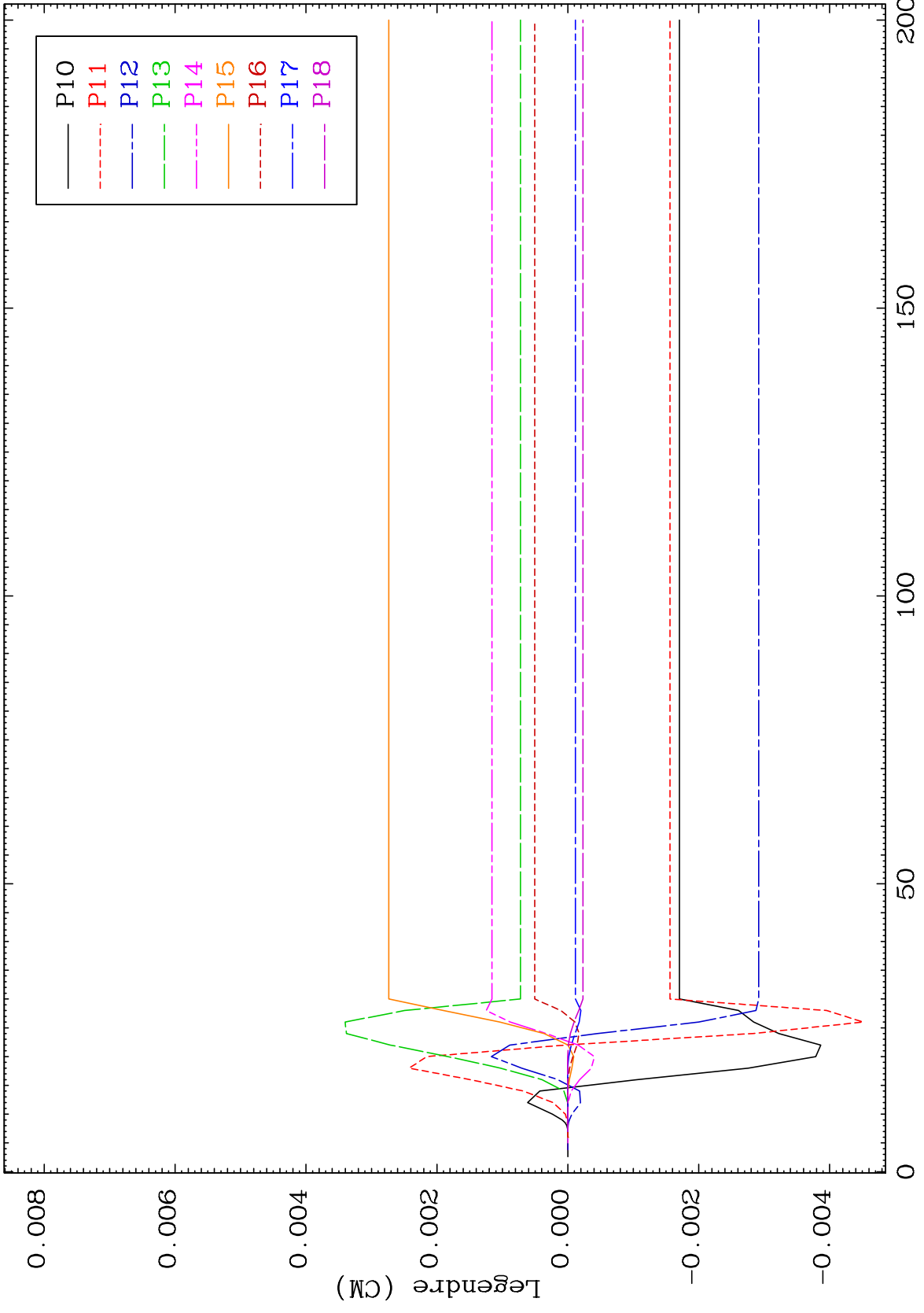
50-Sn-111

MAT 5022 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-111

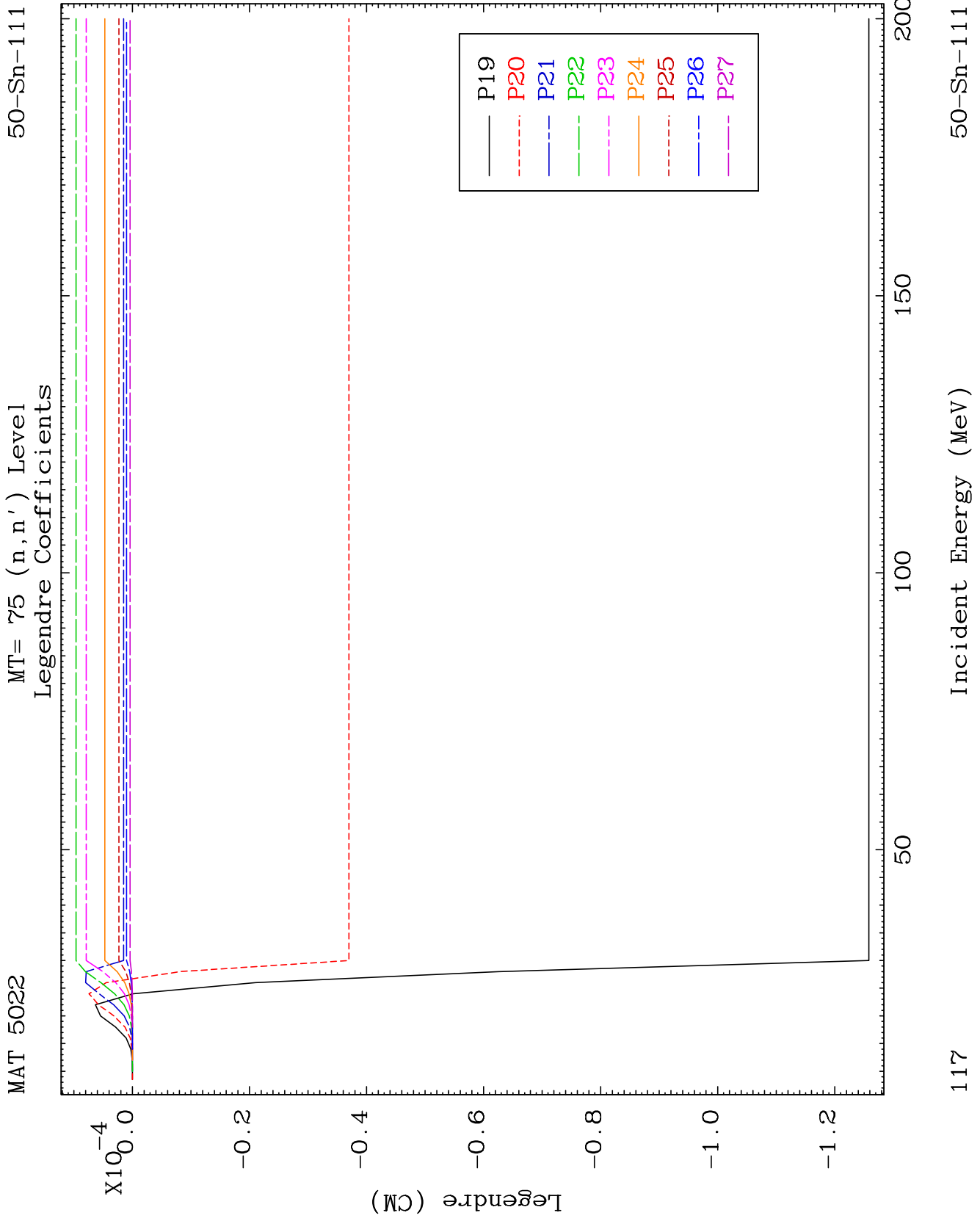


115 Incident Energy (MeV) 50-Sn-111

MAT 5022 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-111



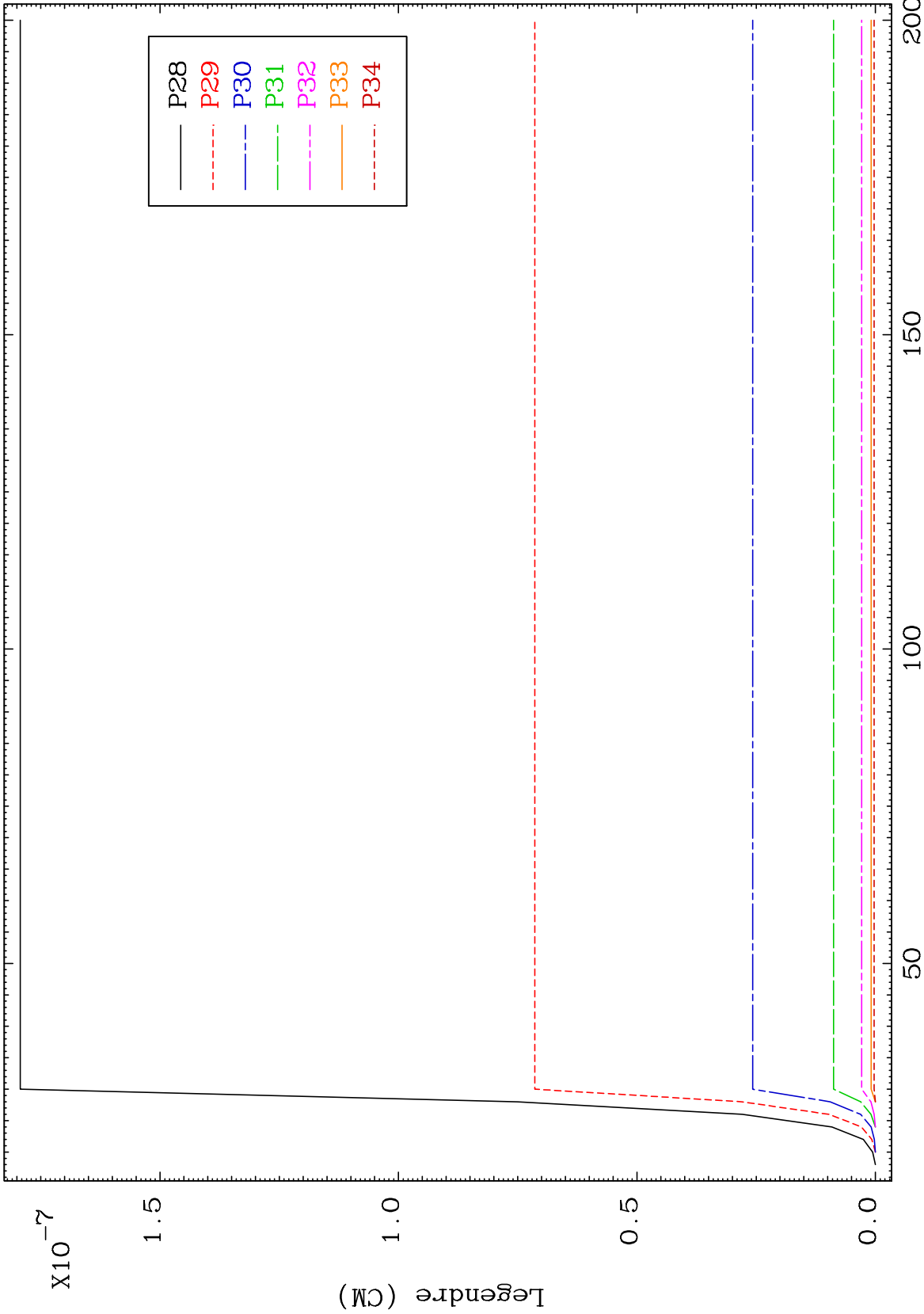
116 50-Sn-111



MAT 5022

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

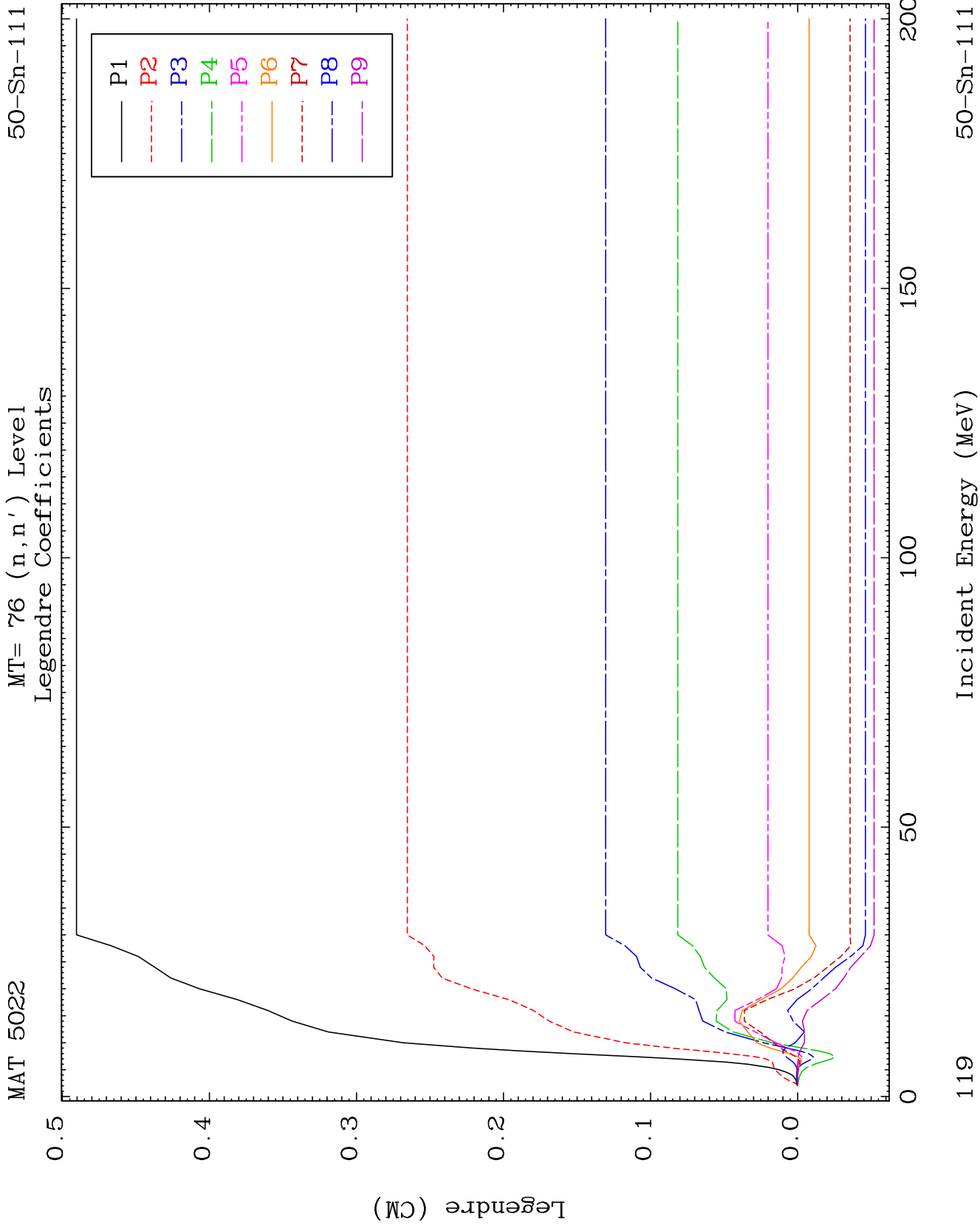
50-Sn-111



118

Incident Energy (MeV)

50-Sn-111

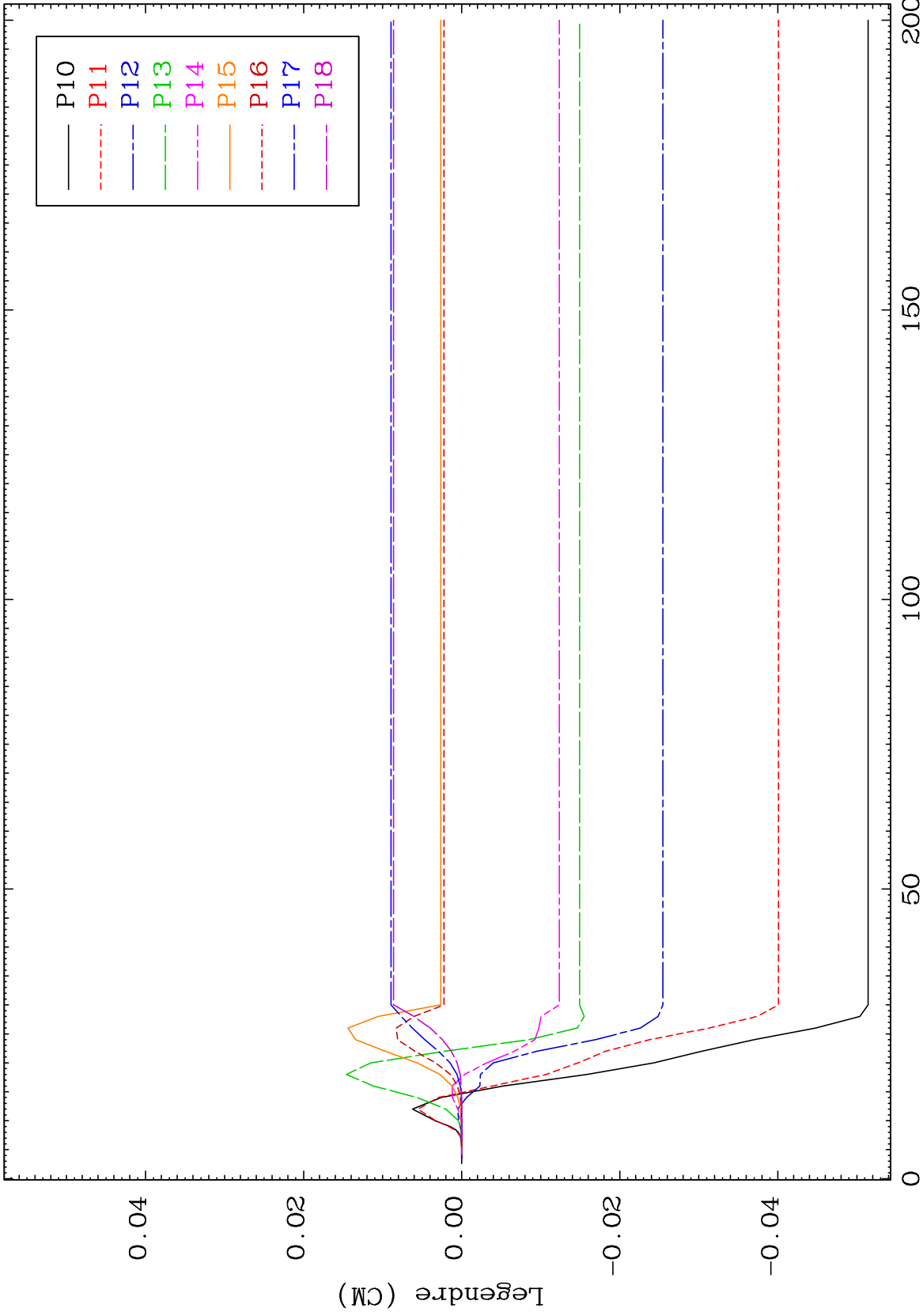




MAT 5022

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

50-Sn-111

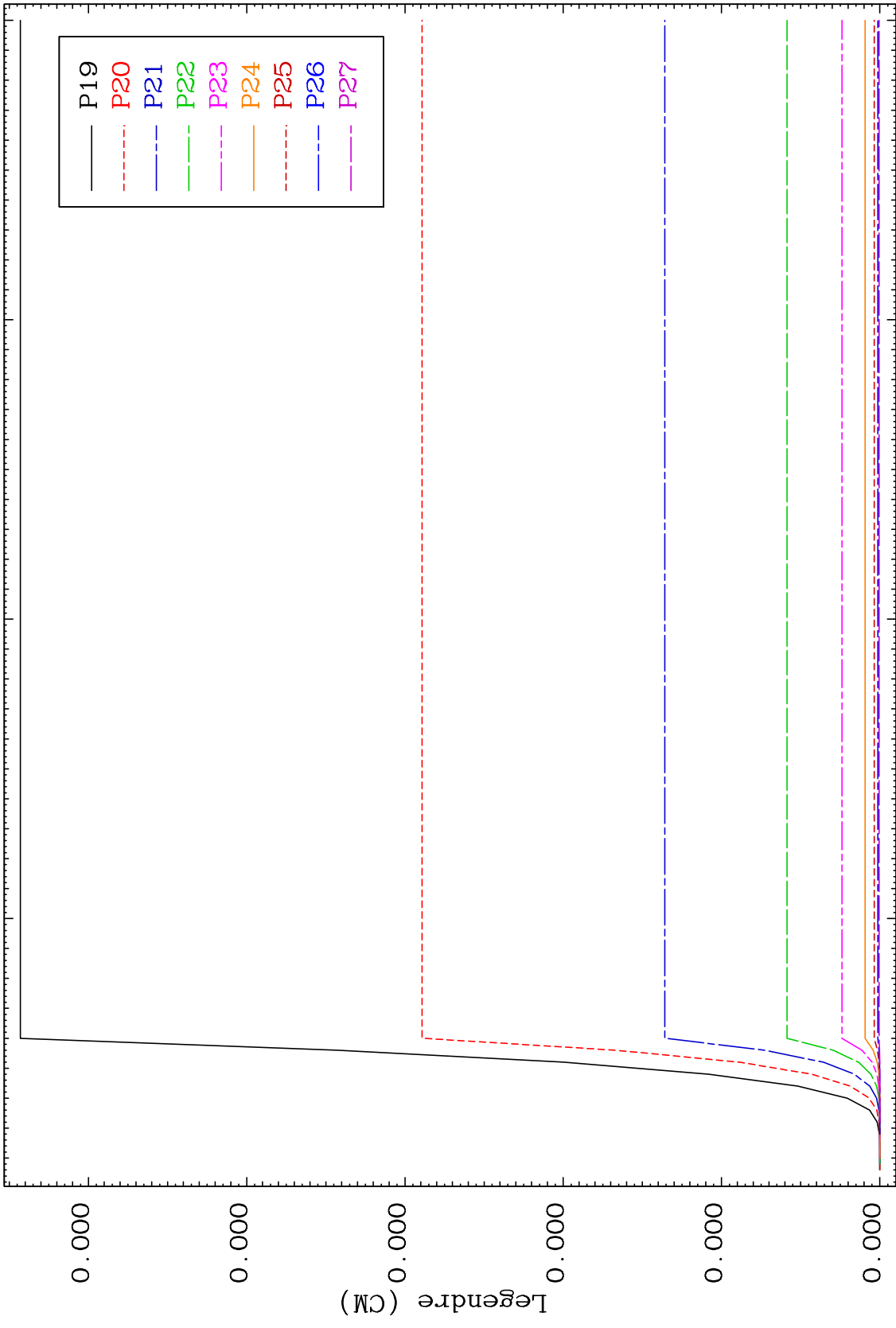


50-Sn-111

Incident Energy (MeV)

120

MAT 5022 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-111

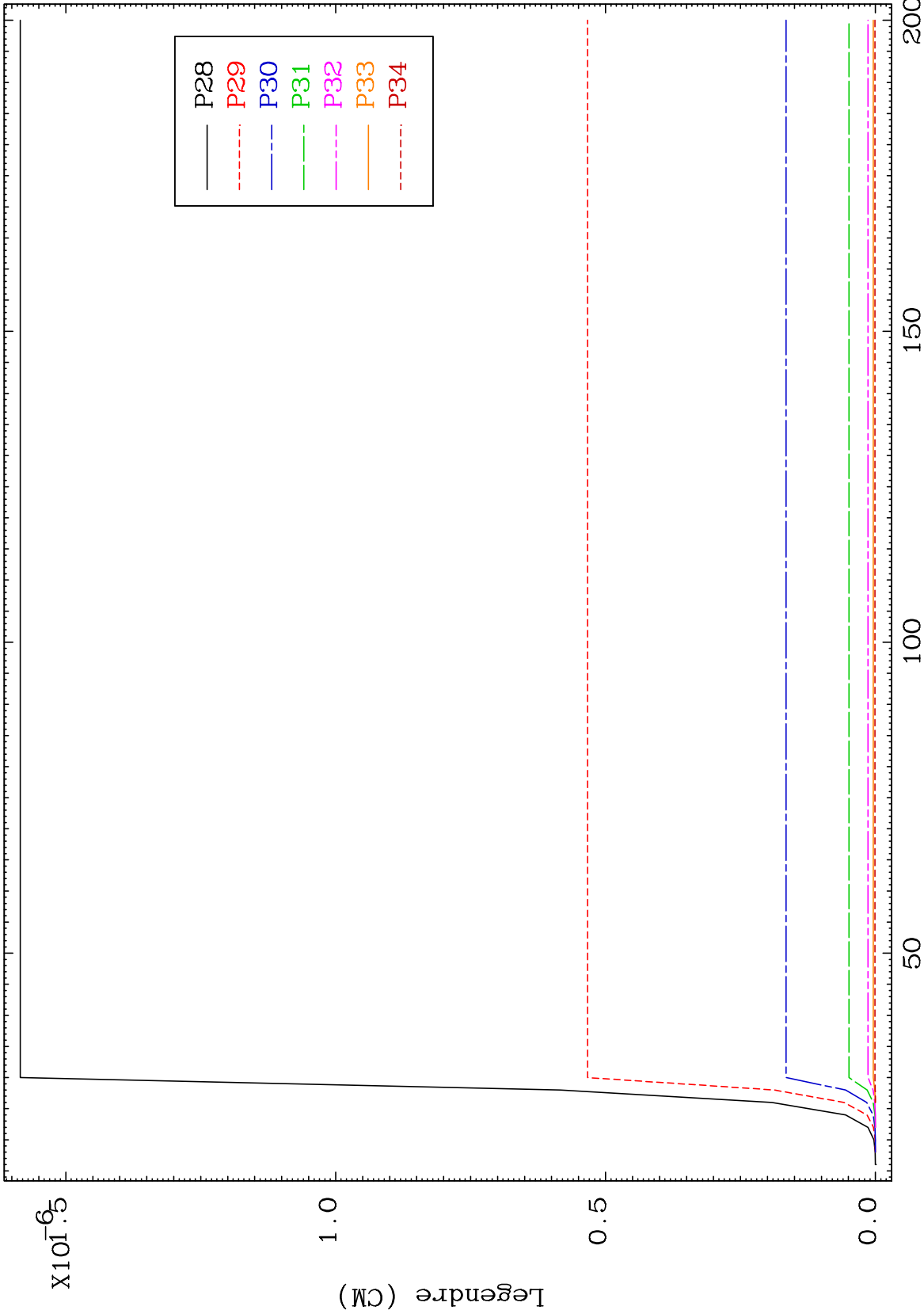


121 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111

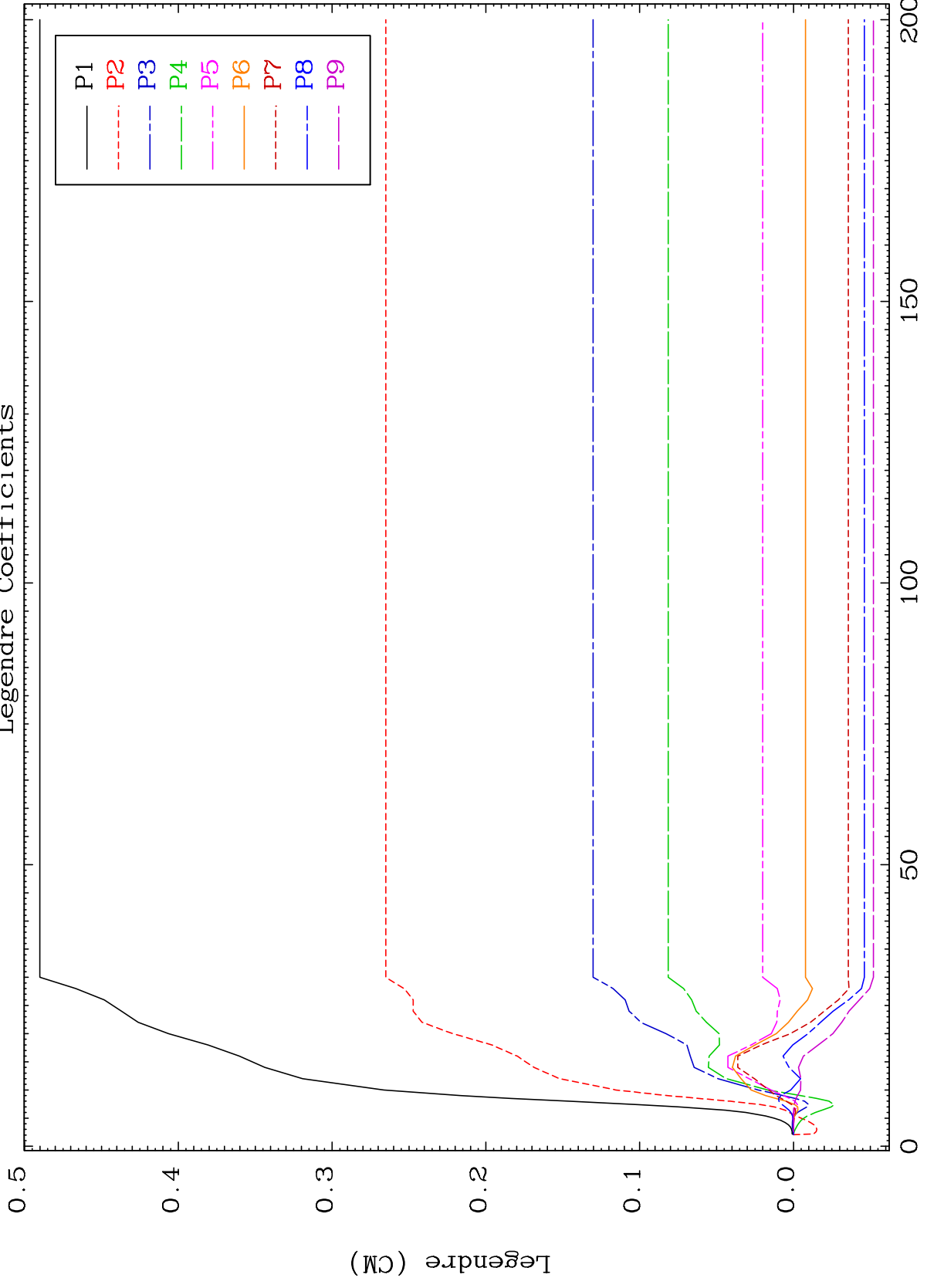


122

Incident Energy (MeV)

50-Sn-111

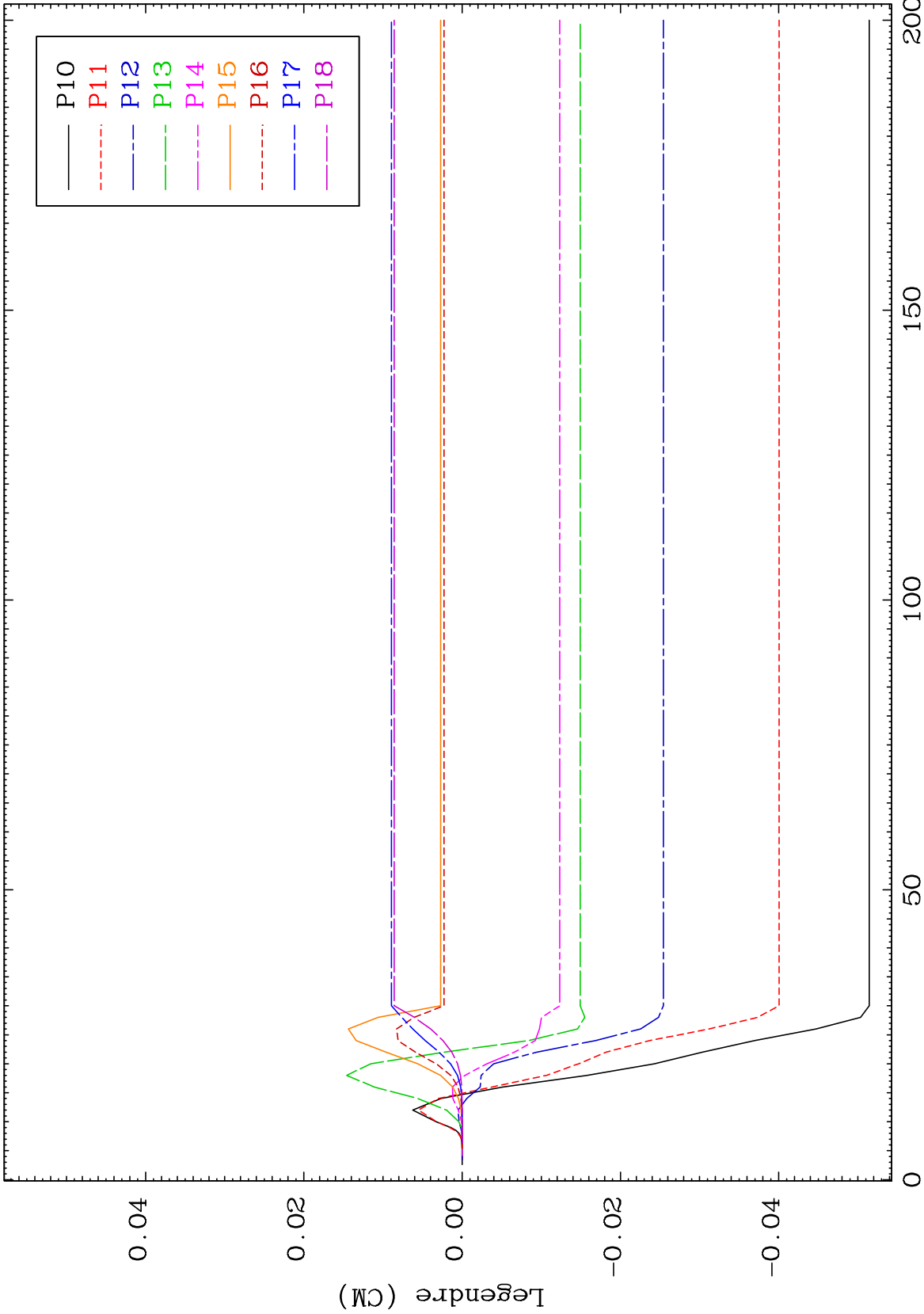
MAT 5022 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

50-Sn-111



124

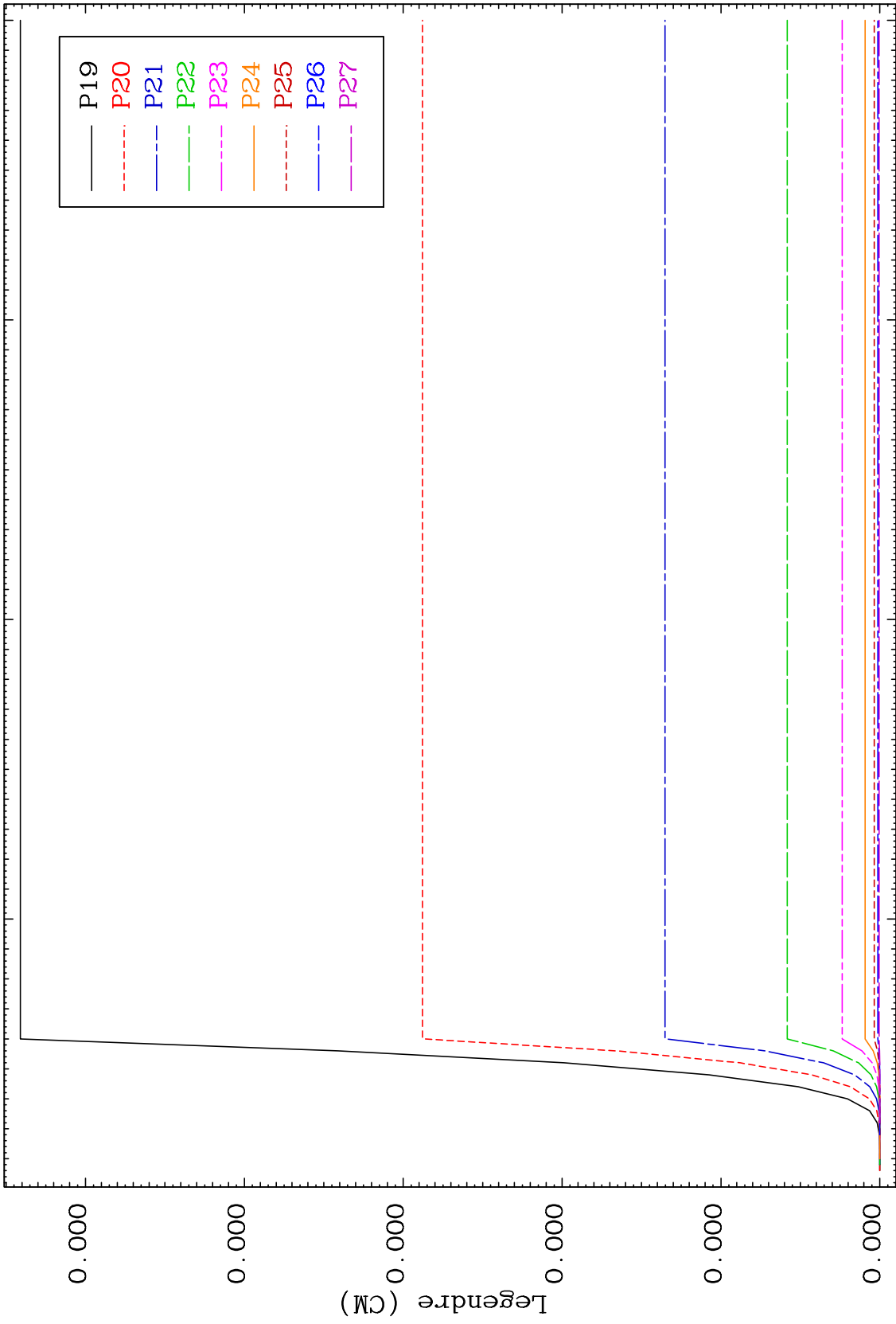
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111



125

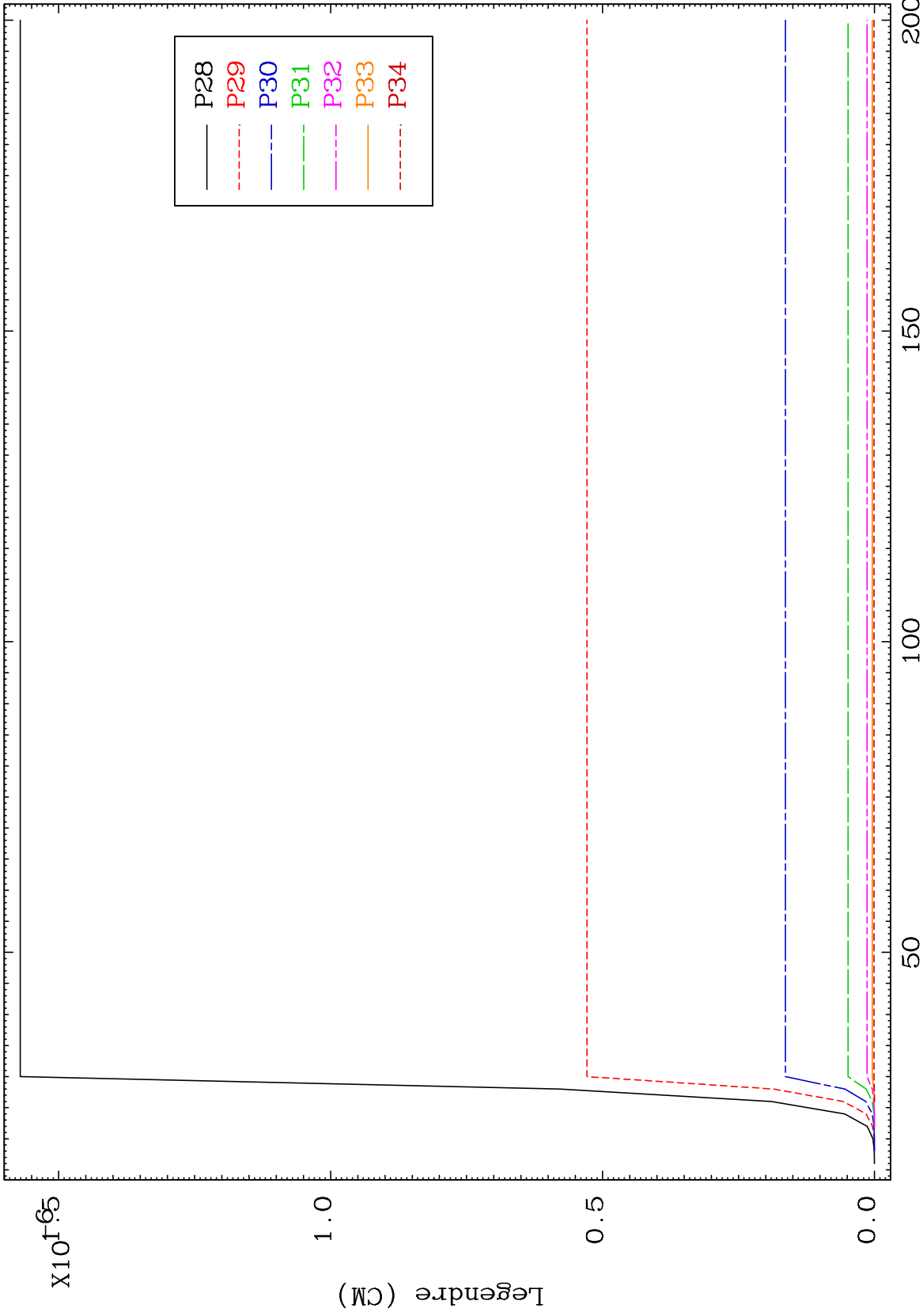
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

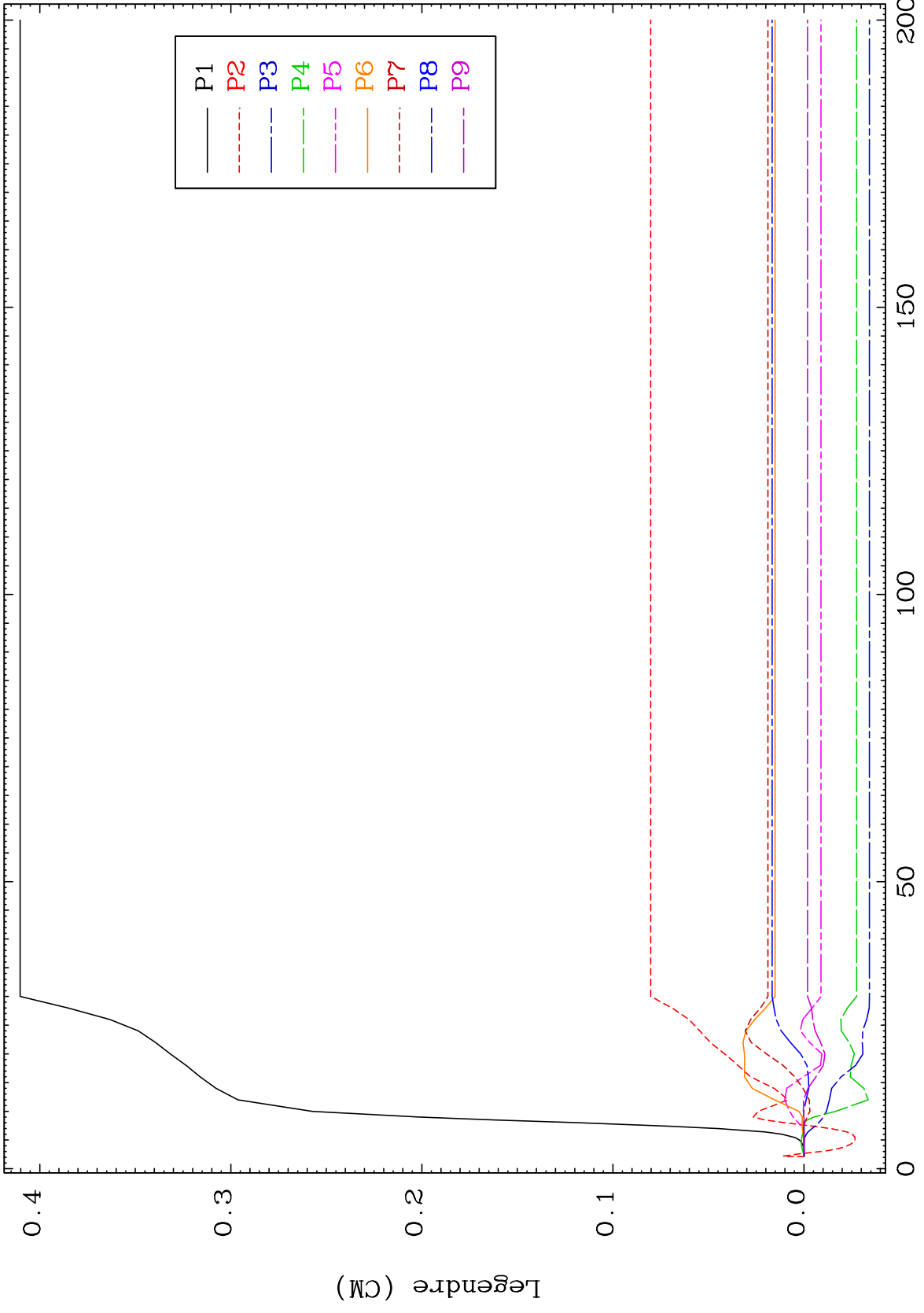
50-Sn-111



126

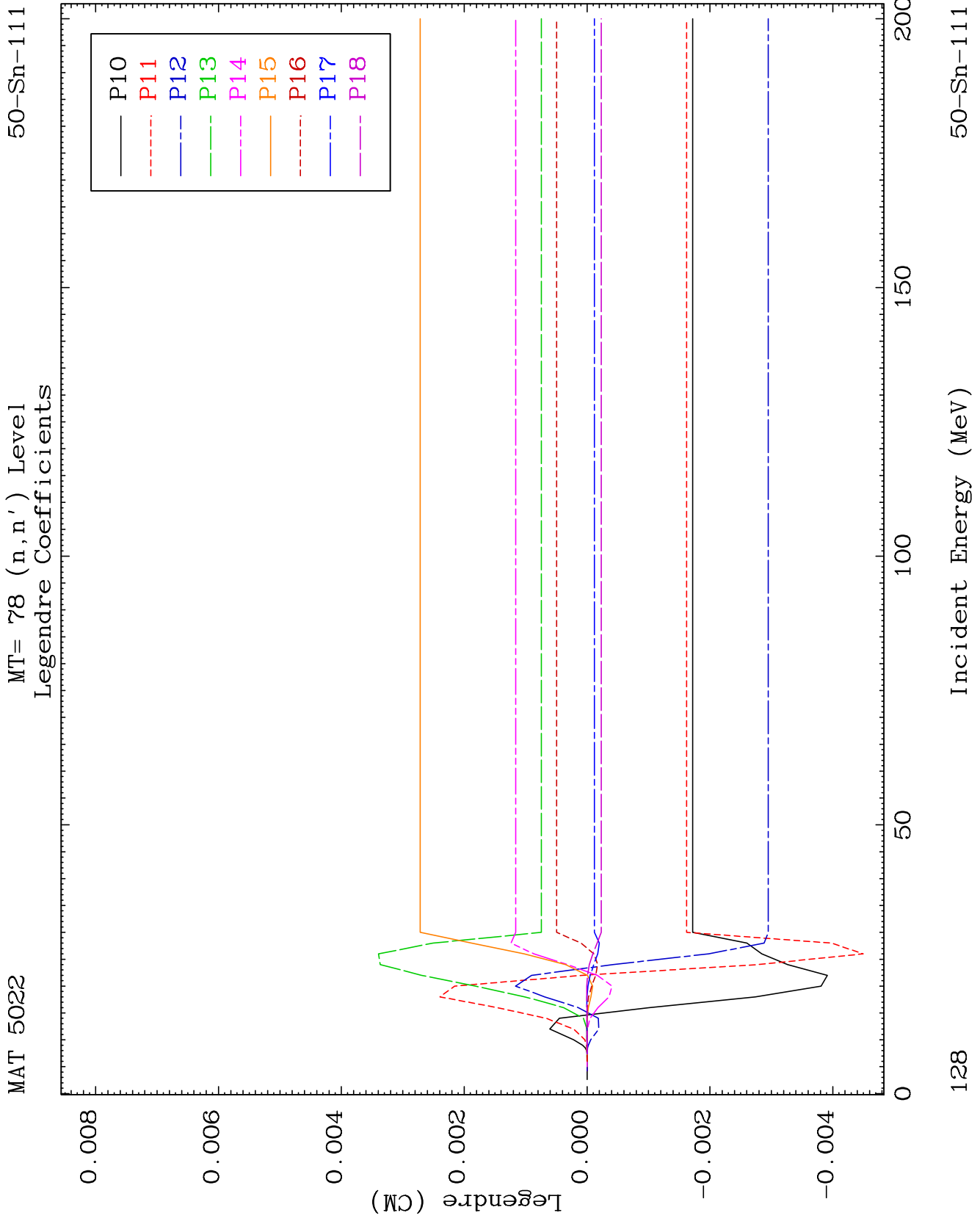
50-Sn-111

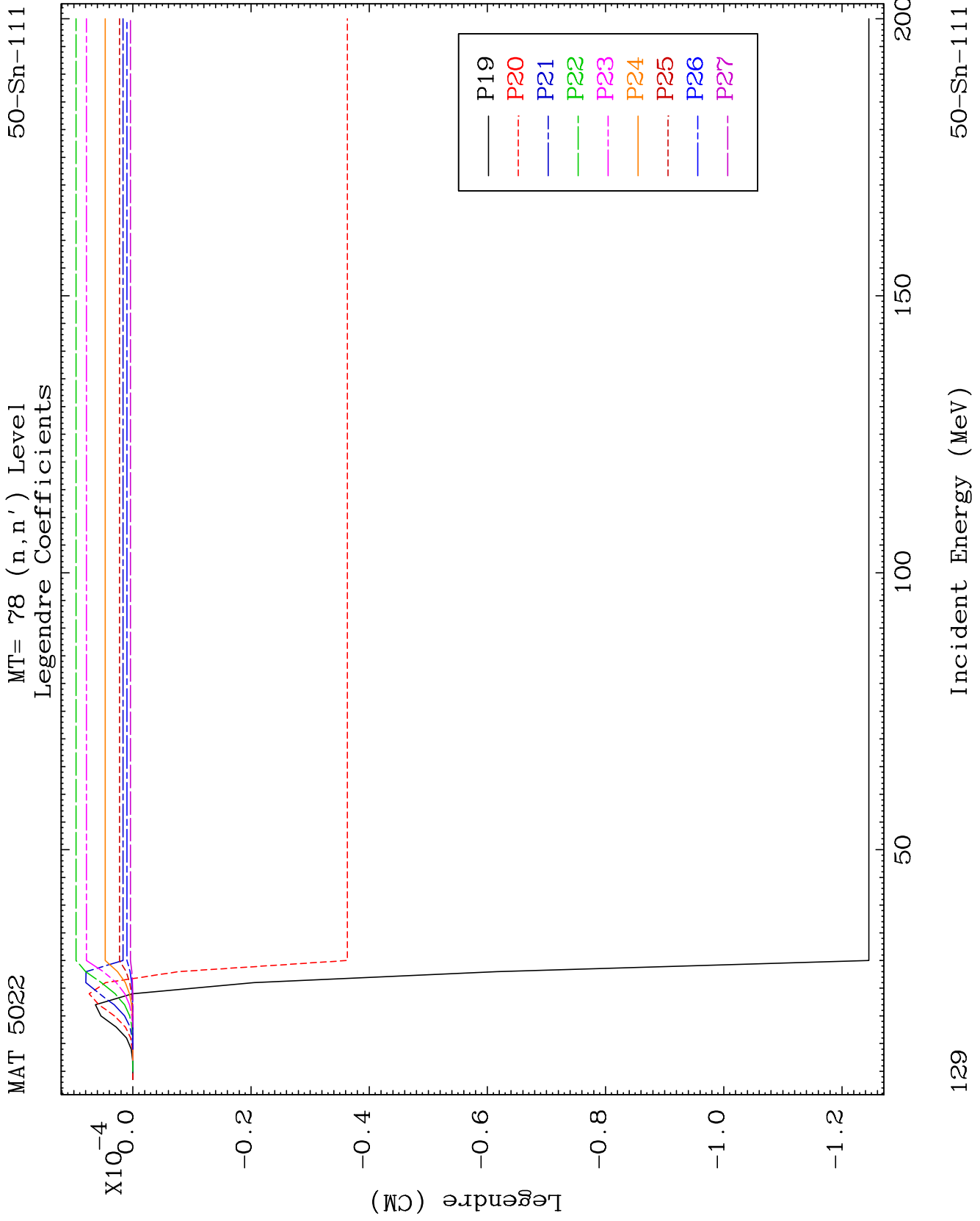
MAT 5022 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-111



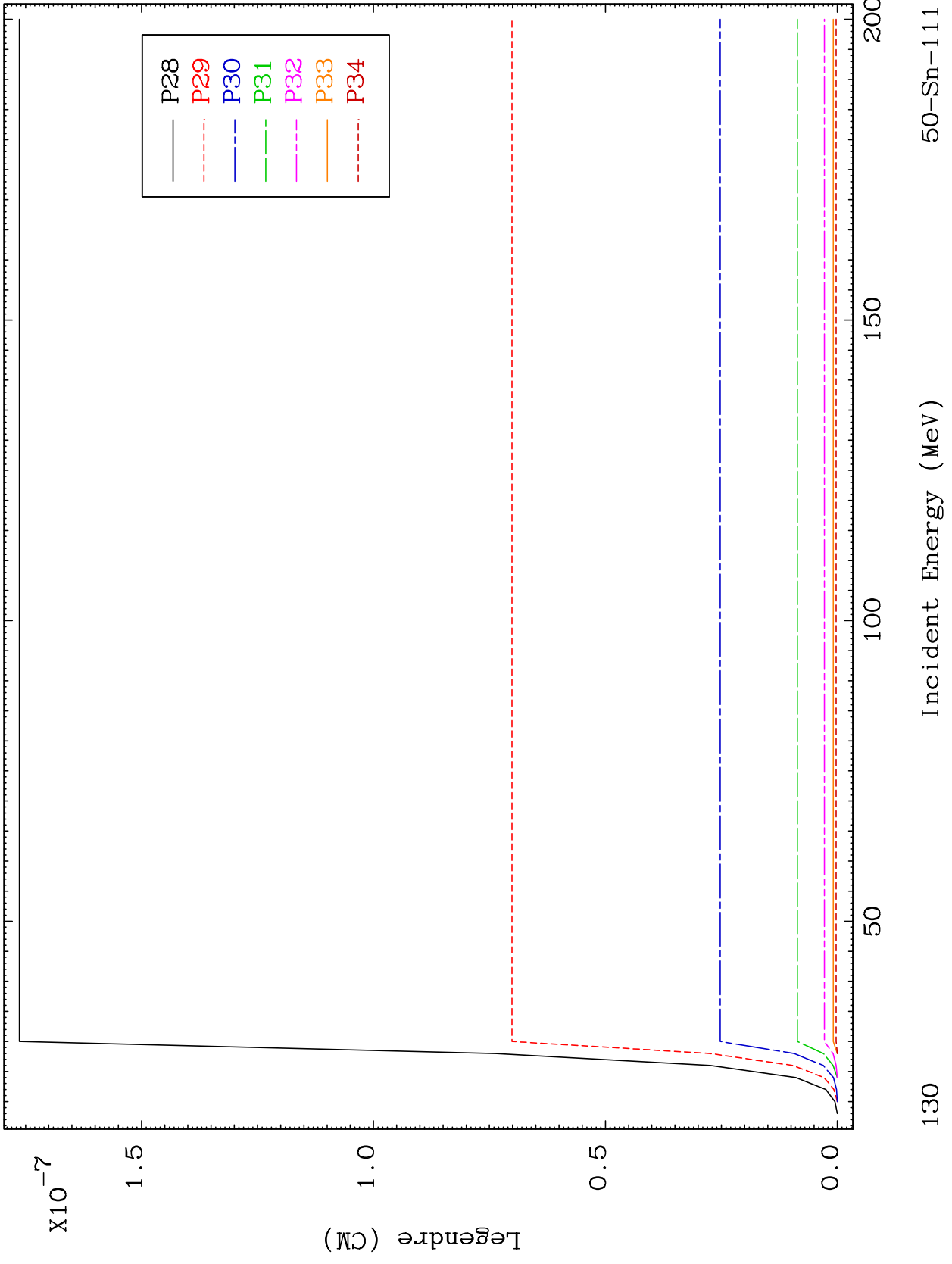
127 50-Sn-111



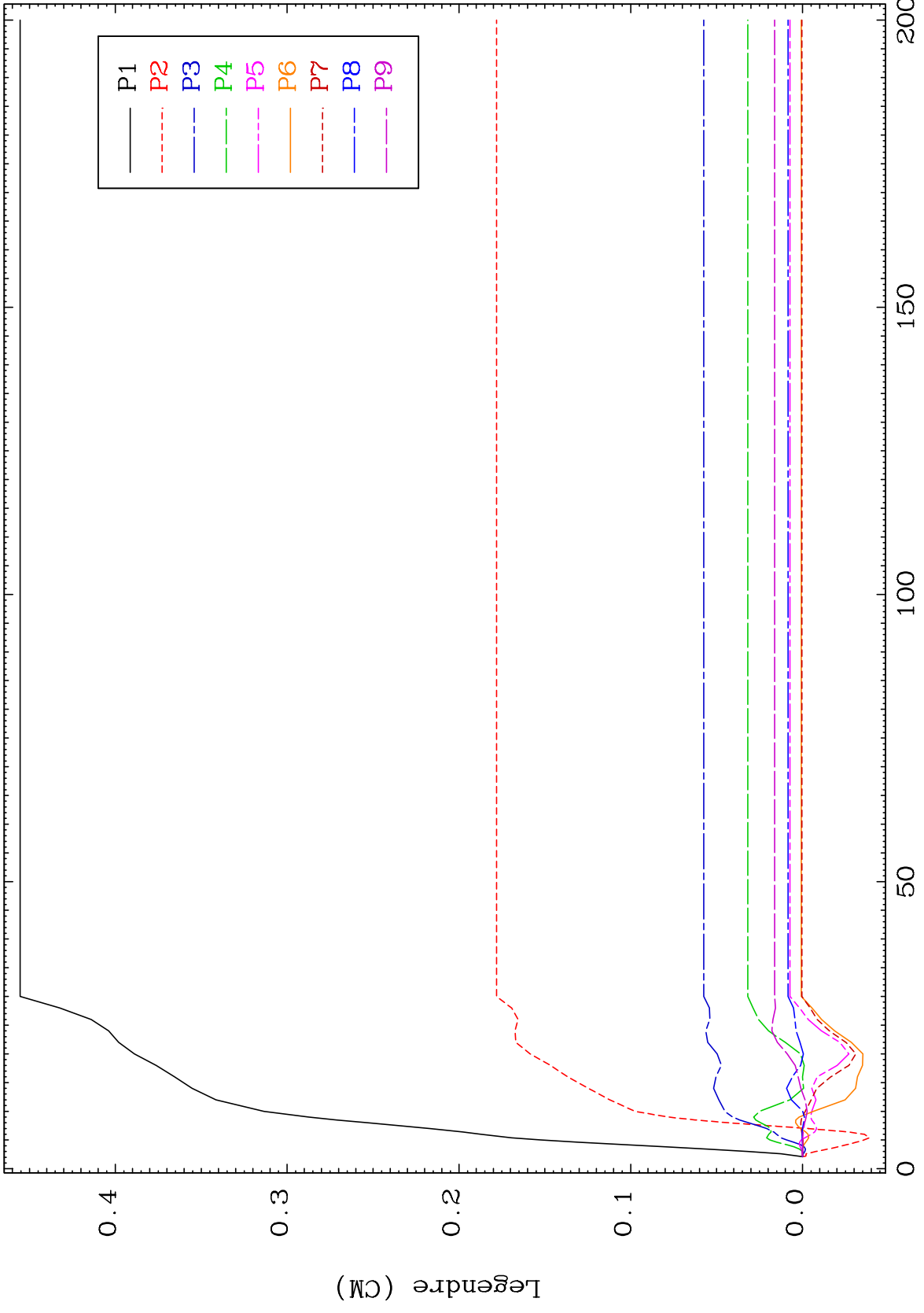




MAT 5022 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-111

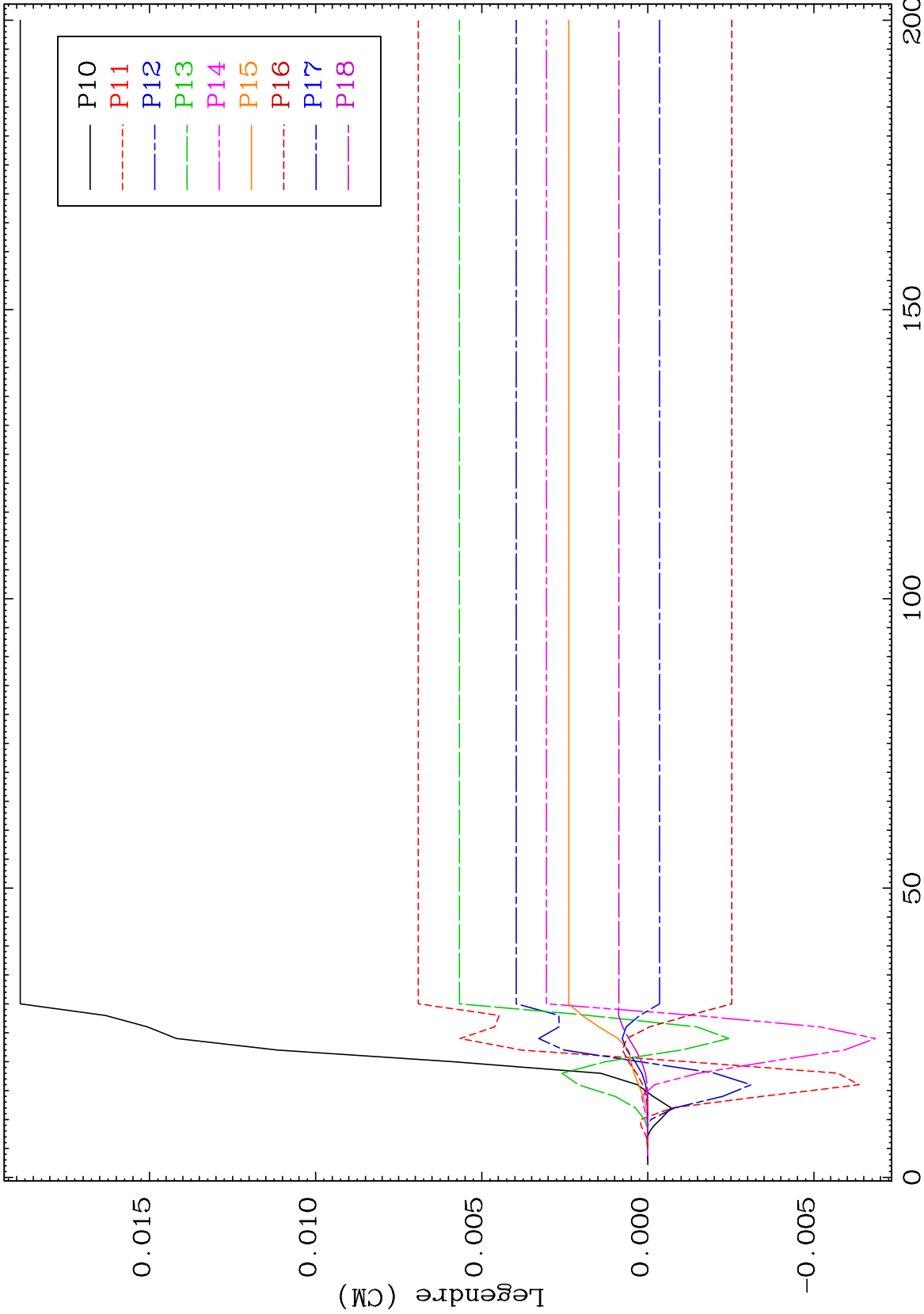


131 Incident Energy (MeV) 50-Sn-111

MAT 5022

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

50-Sn-111



50-Sn-111

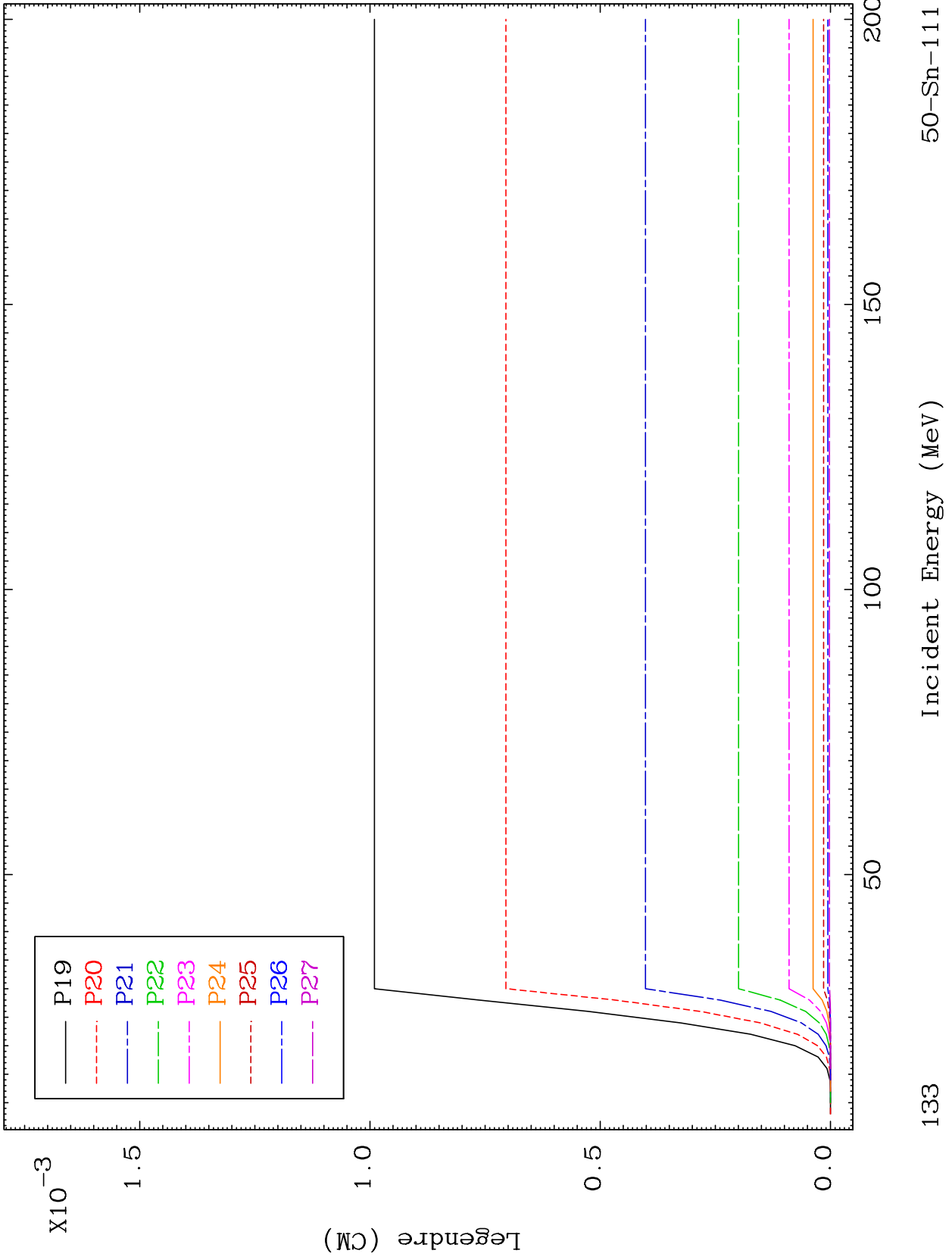
Incident Energy (MeV)

132

MAT 5022

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

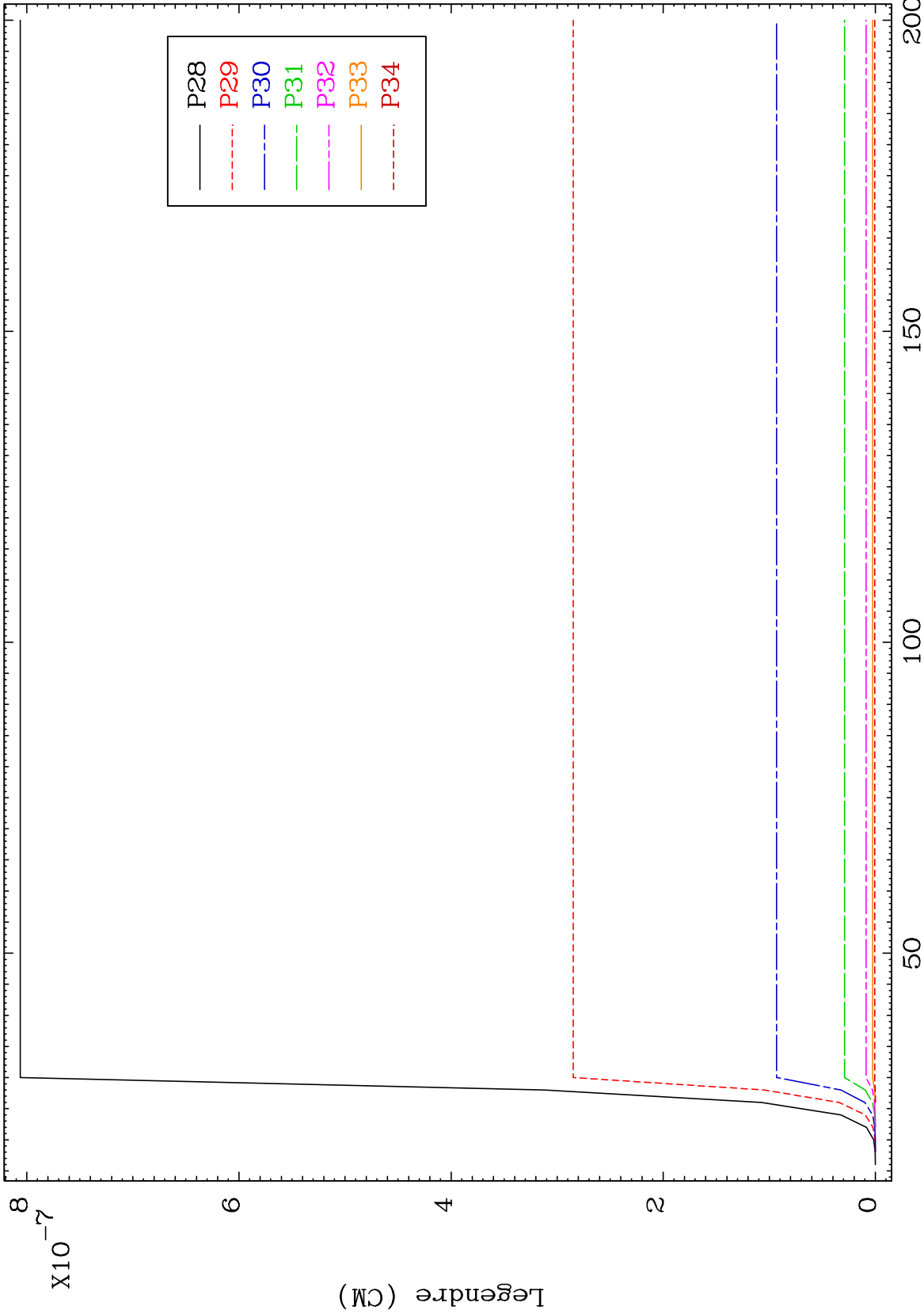
50-Sn-111



MAT 5022

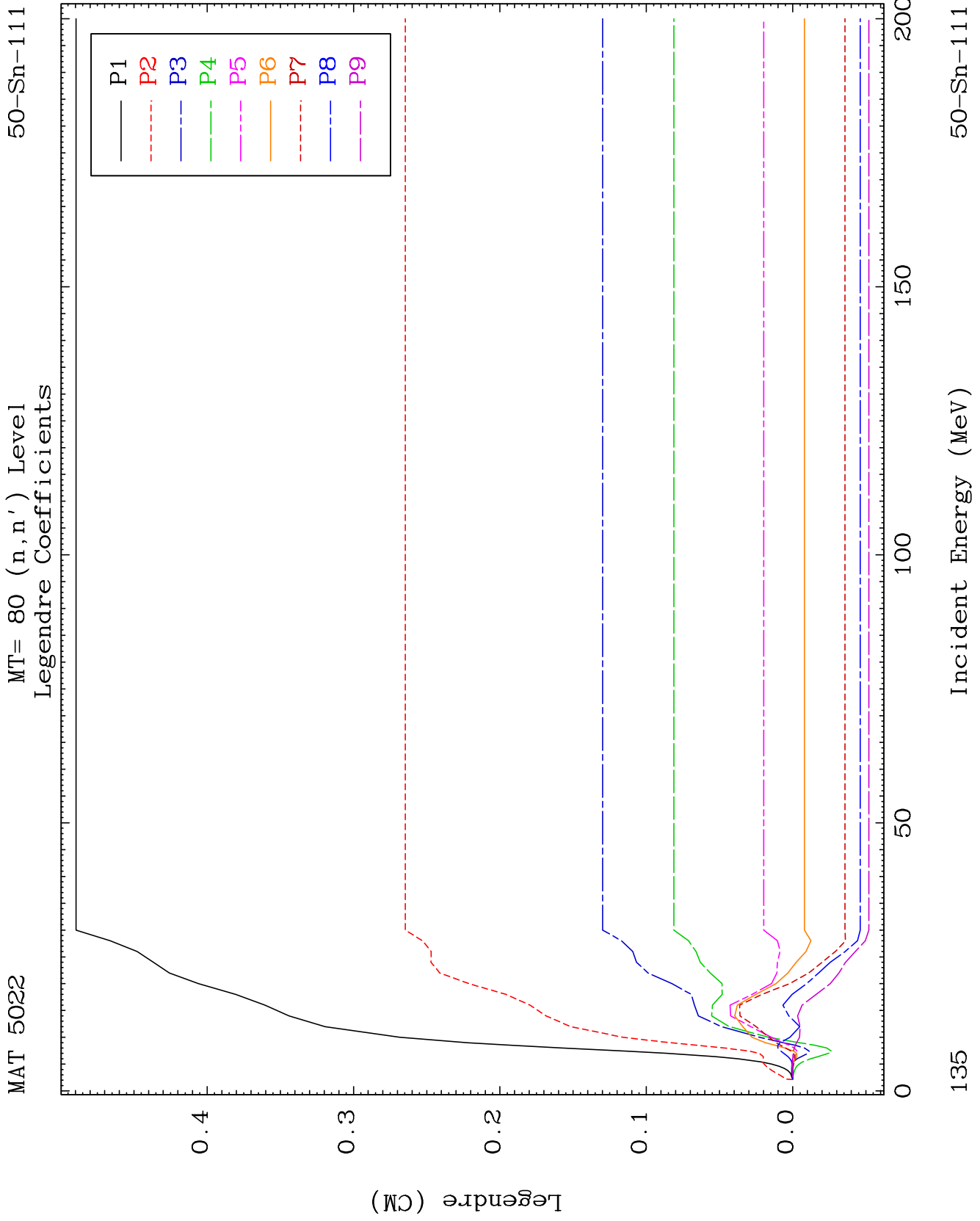
MT= 79 (n,n') Level  
Legendre Coefficients

50-Sn-111



134

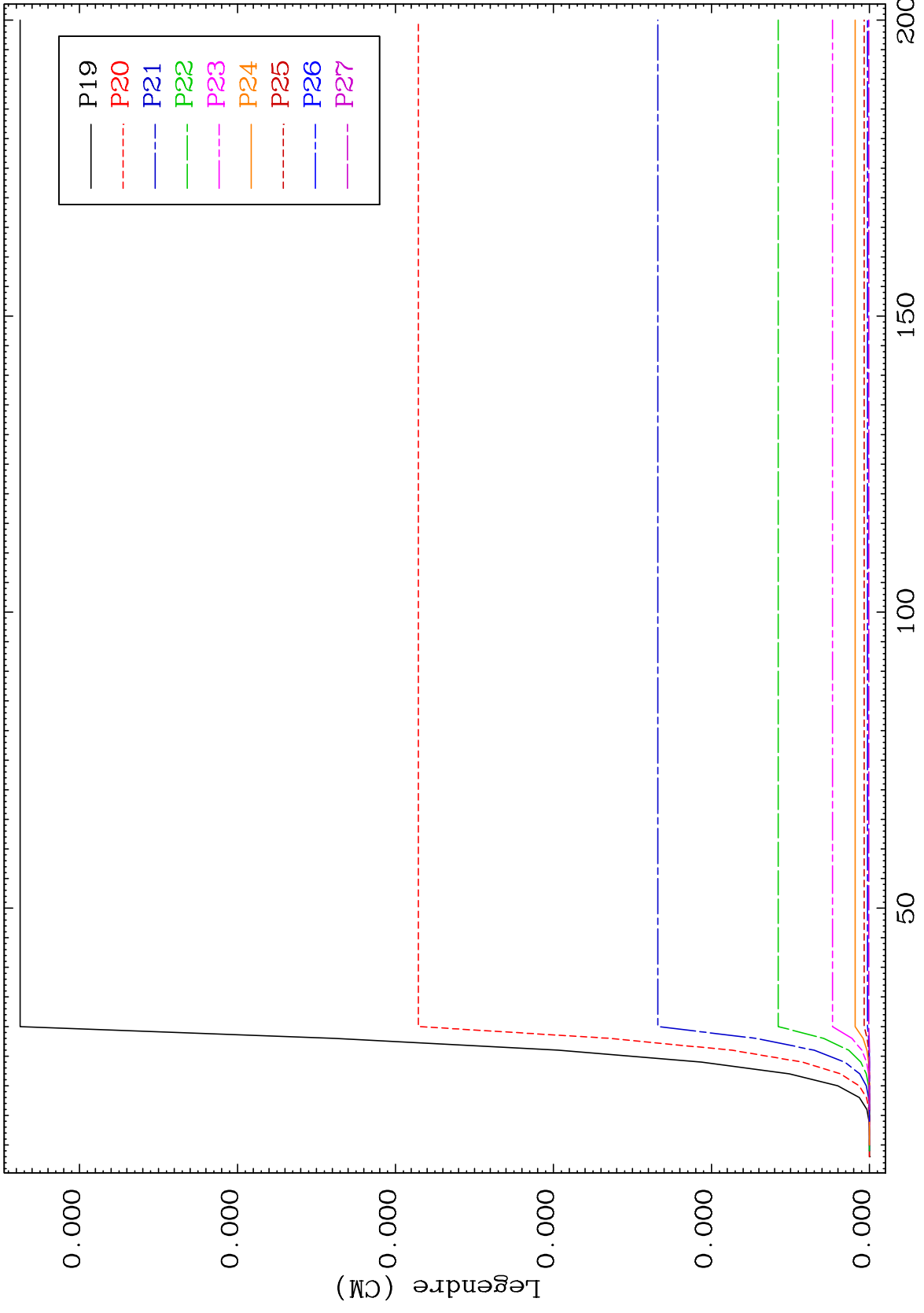
50-Sn-111







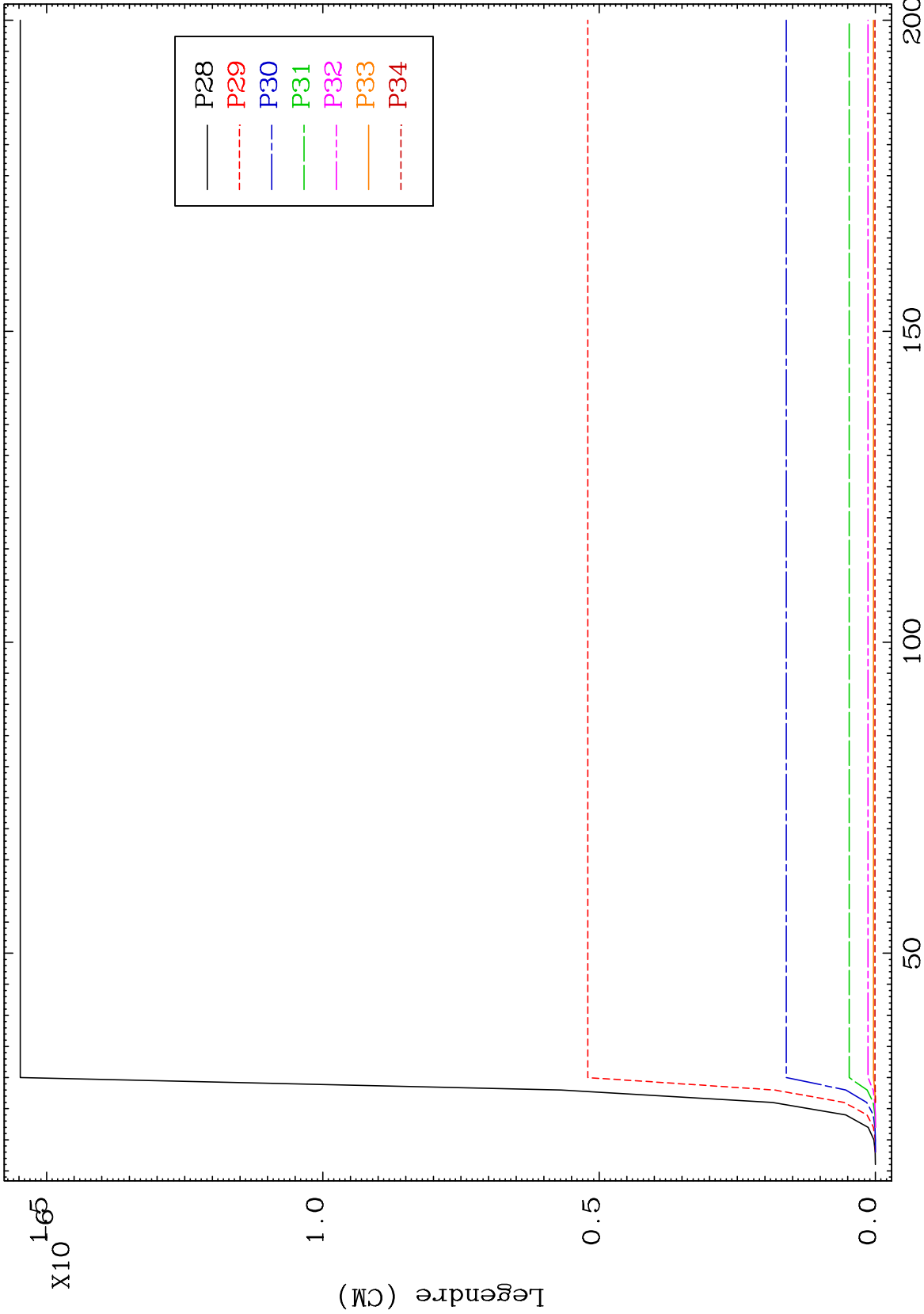
MAT 5022 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-111



MAT 5022

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

50-Sn-111



138

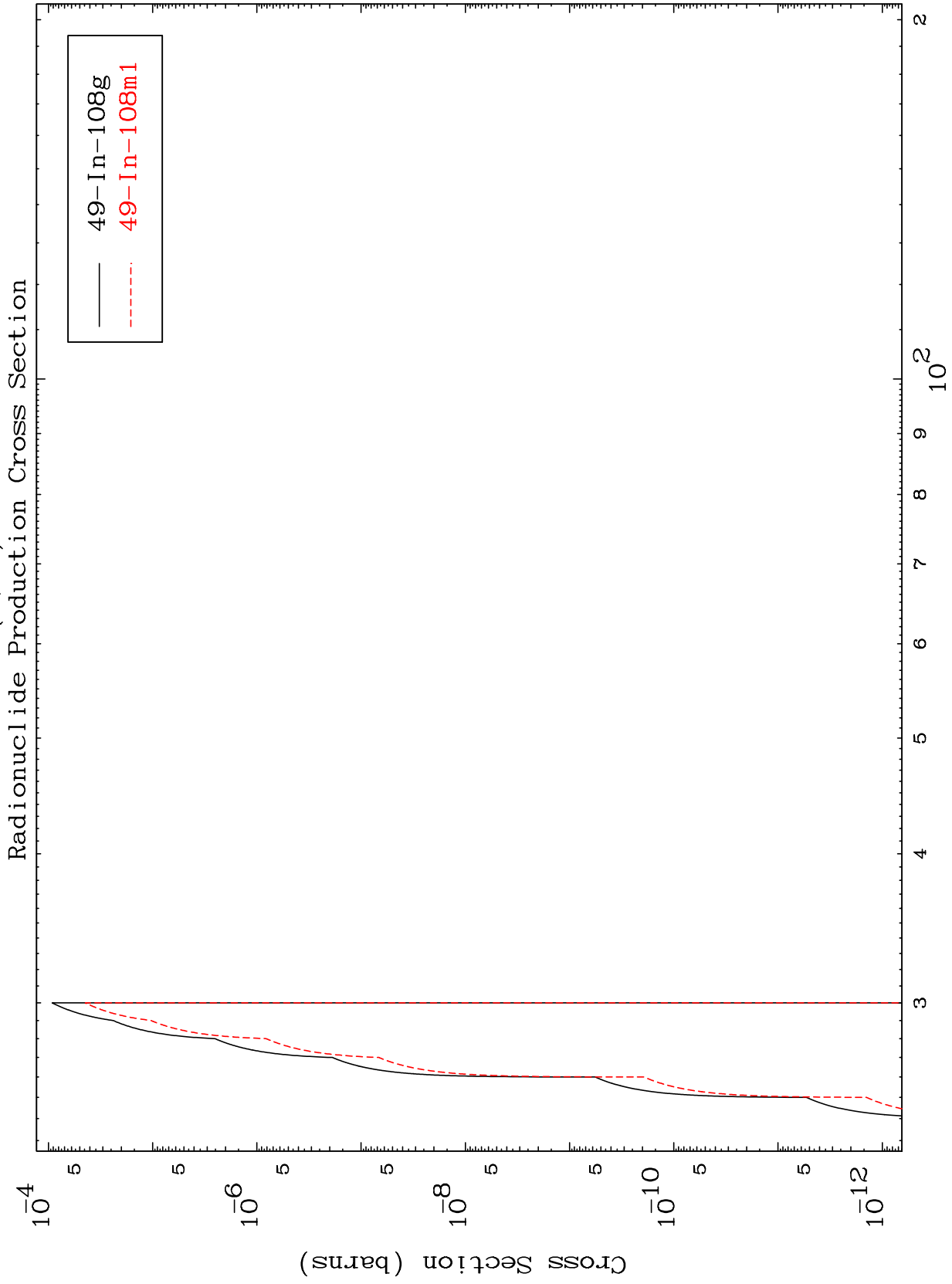
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,2n) d

50-Sn-111



139

Incident Energy (MeV)

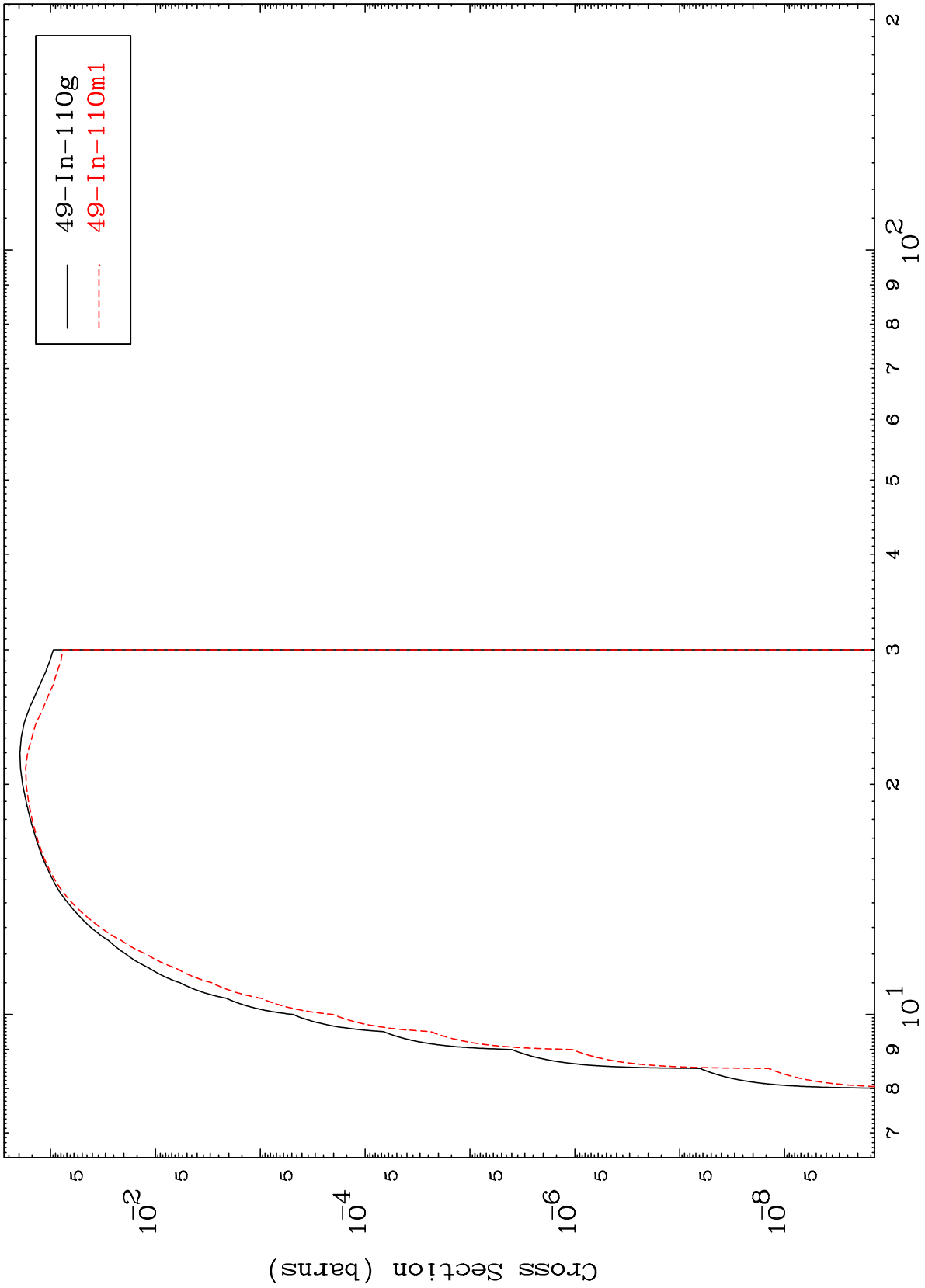
50-Sn-111

MAT 5022

(n,n') p

50-Sn-111

Radionuclide Production Cross Section



140

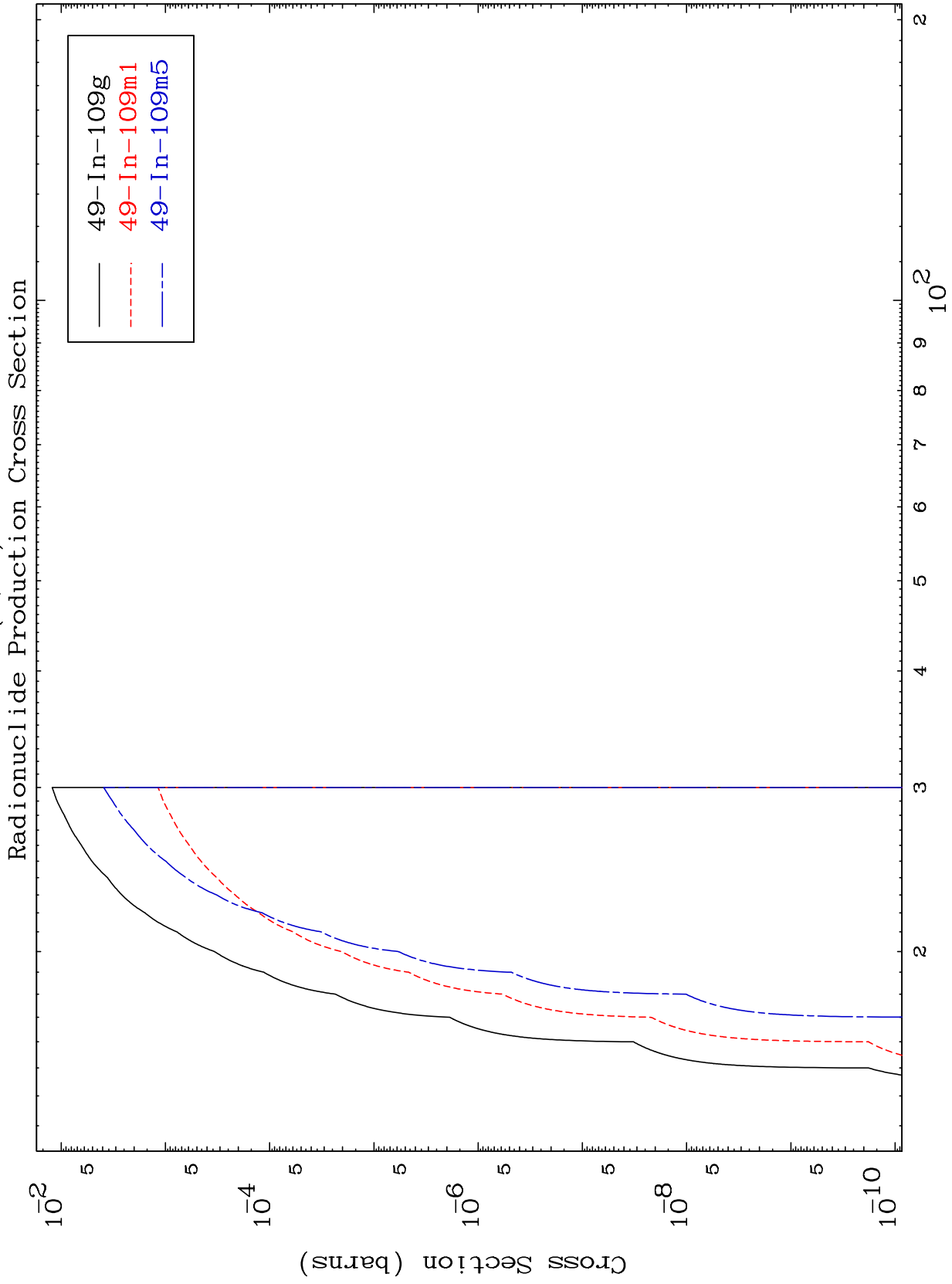
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,n') d

50-Sn-111



141

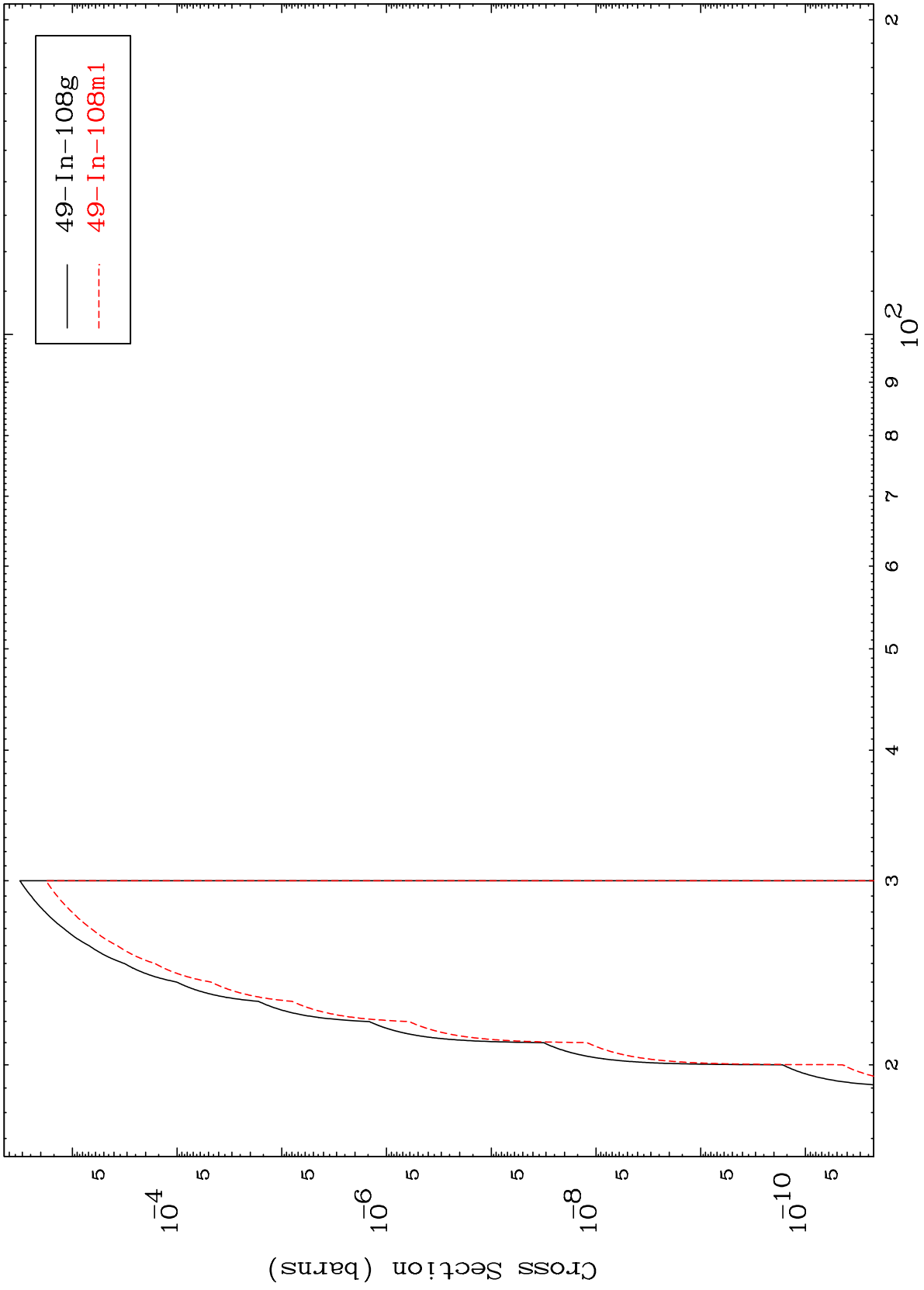
50-Sn-111

MAT 5022

(n,n') t

50-Sn-111

Radionuclide Production Cross Section



142

Incident Energy (MeV)

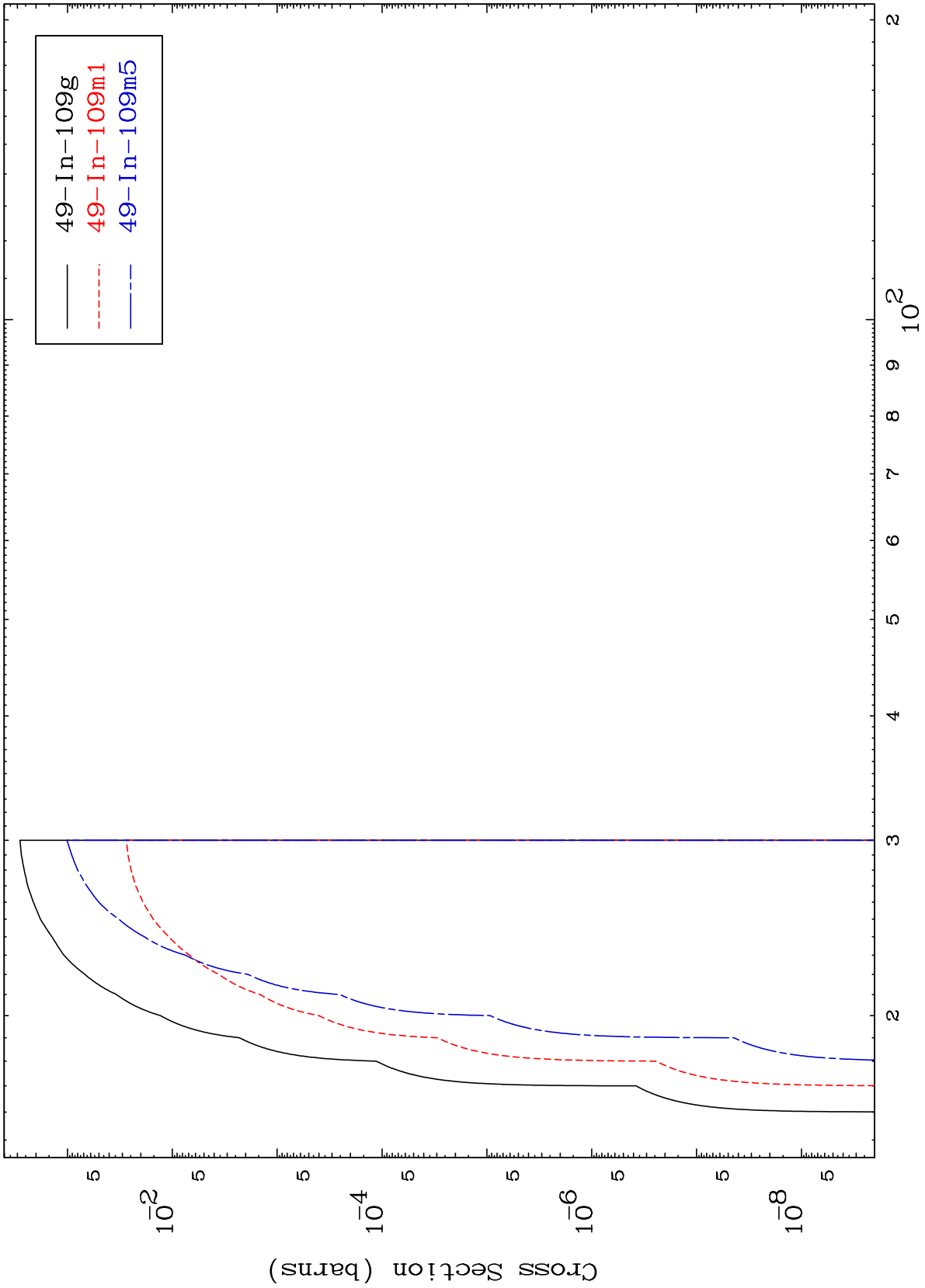
50-Sn-111

MAT 5022

(n,2n) p

50-Sn-111

Radionuclide Production Cross Section



143

Incident Energy (MeV)

50-Sn-111

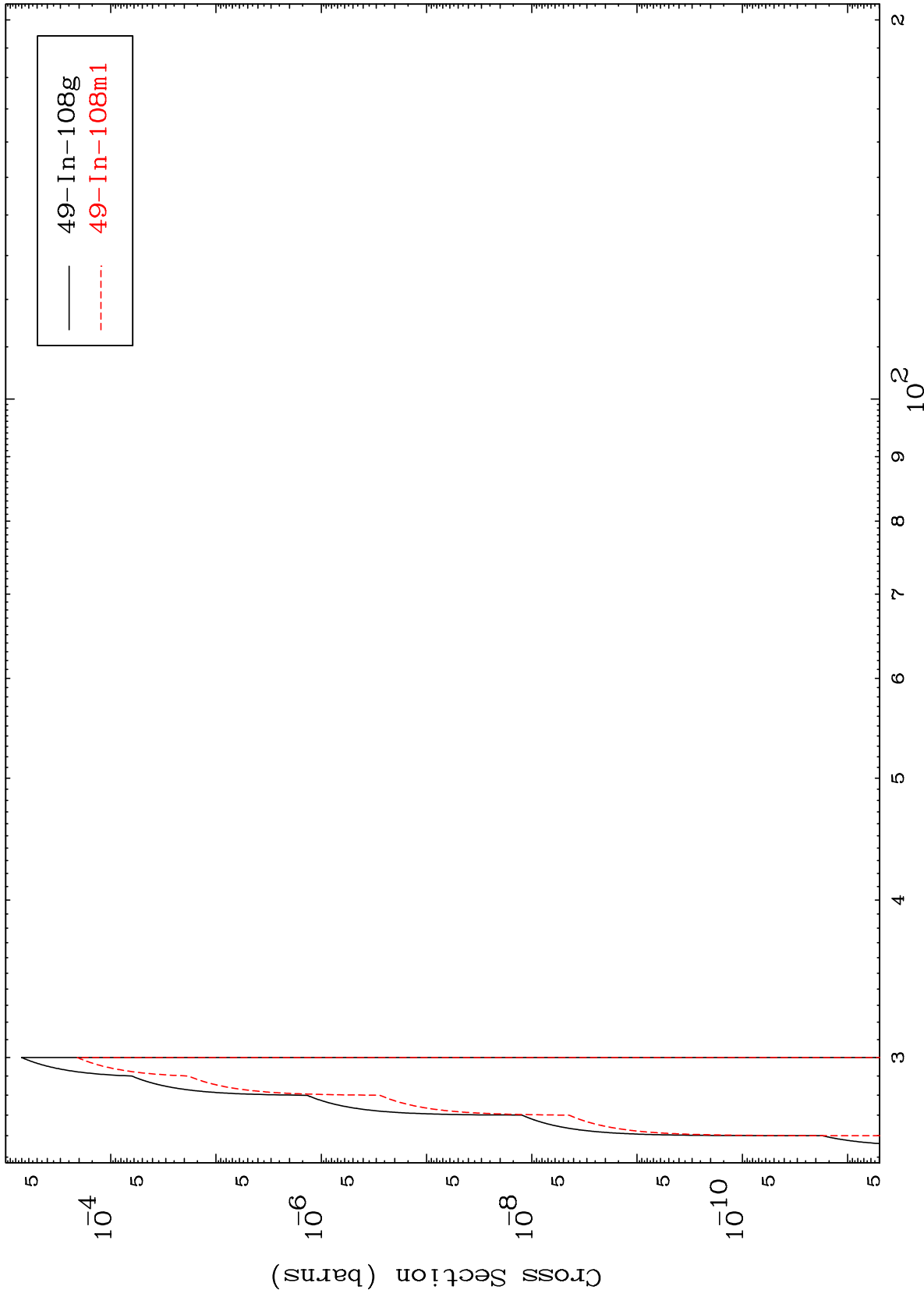


MAT 5022

(n,3n) p

50-Sn-111

Radionuclide Production Cross Section



144

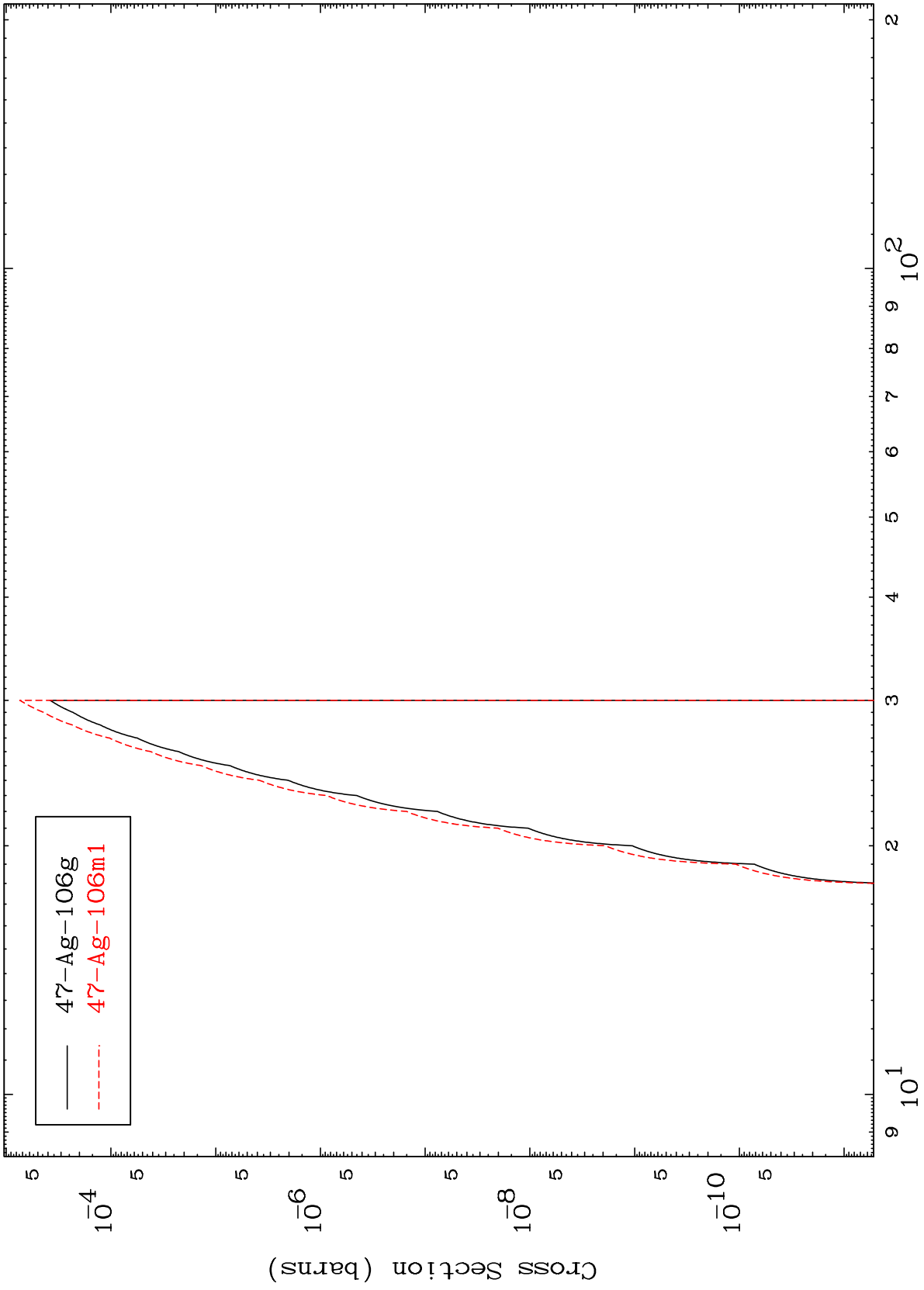
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



145

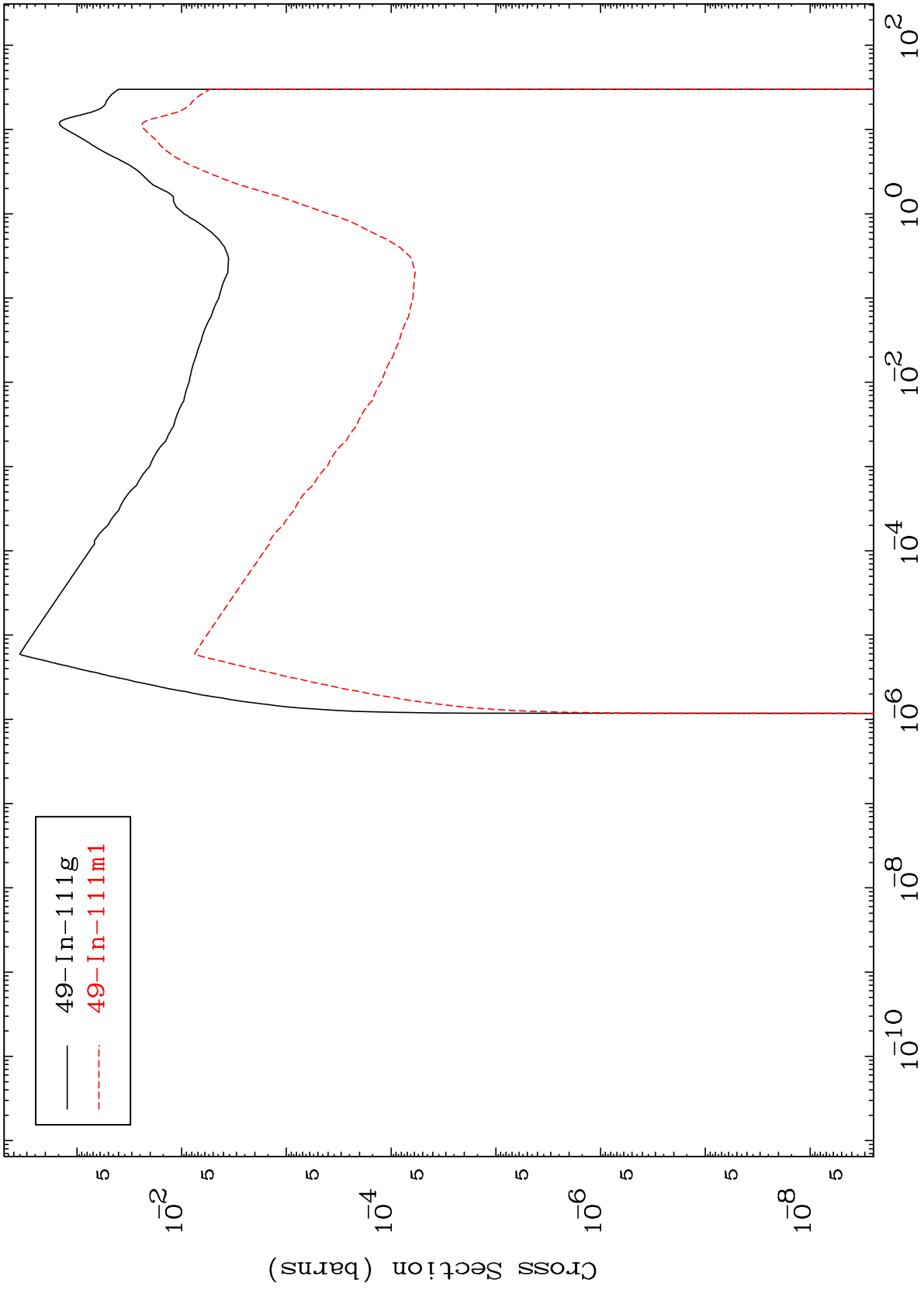
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,p)  
Radionuclide Production Cross Section

50-Sn-111



146

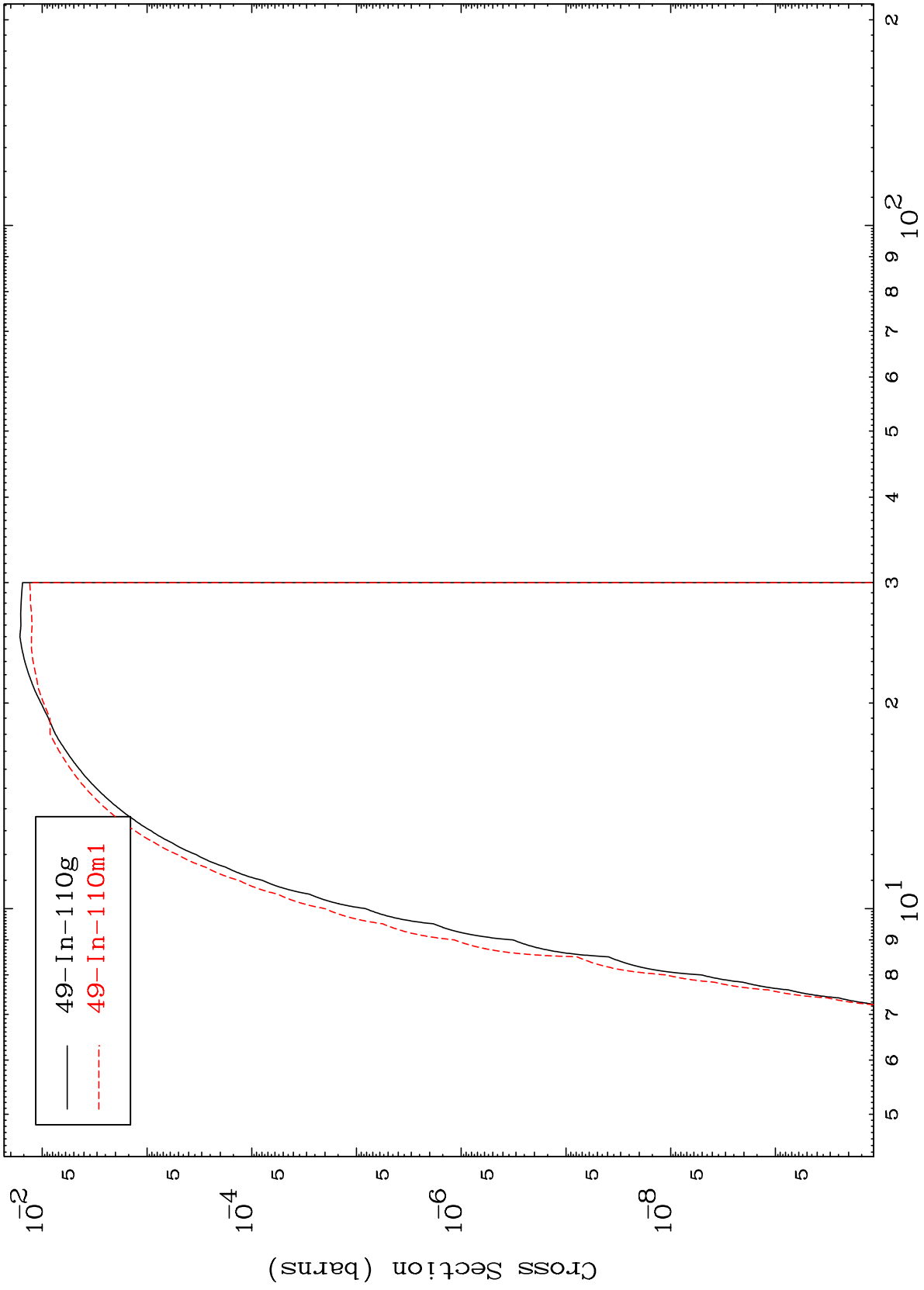
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n,d)  
Radionuclide Production Cross Section



147

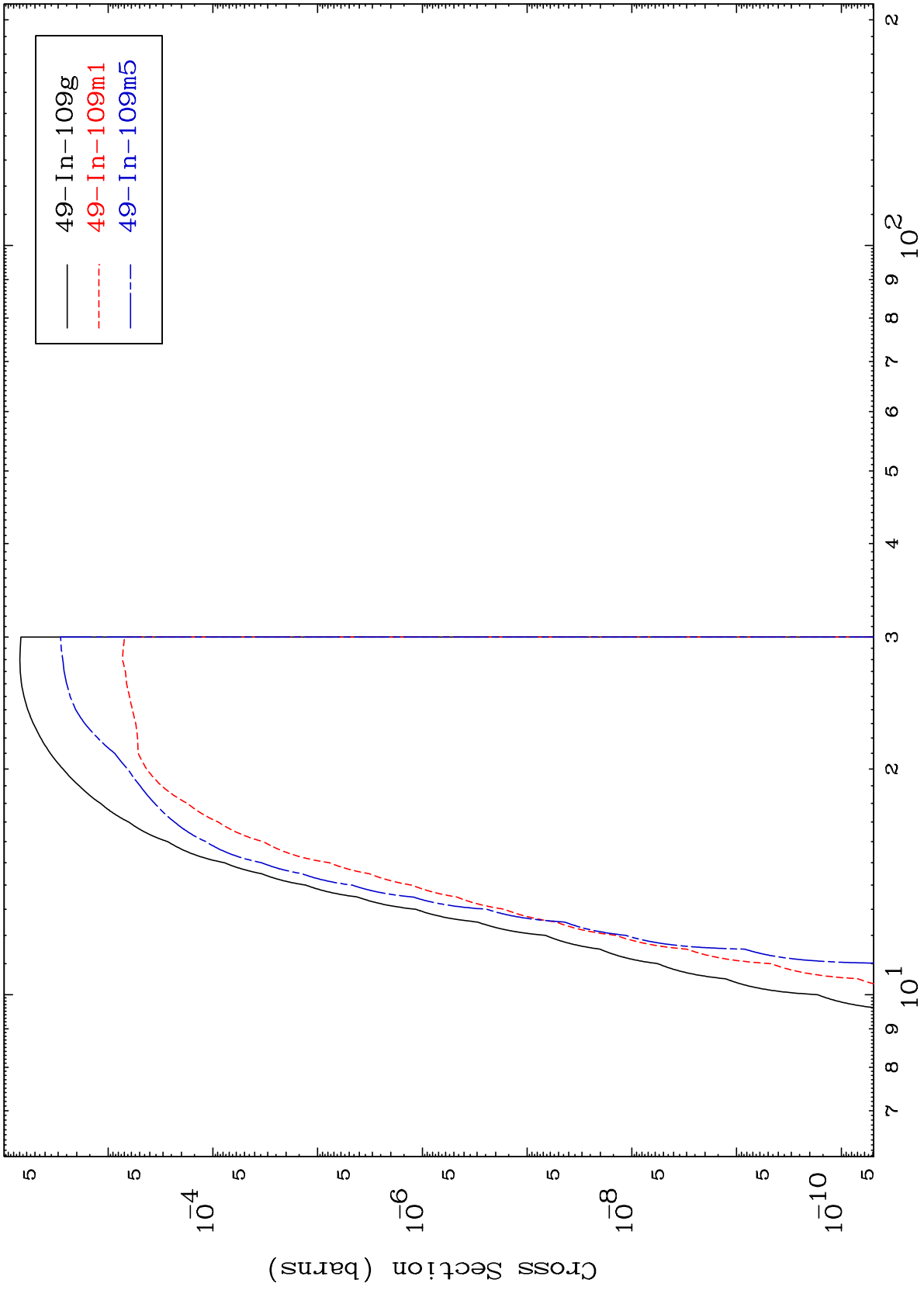
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n, t)  
Radionuclide Production Cross Section



148

Incident Energy (MeV)

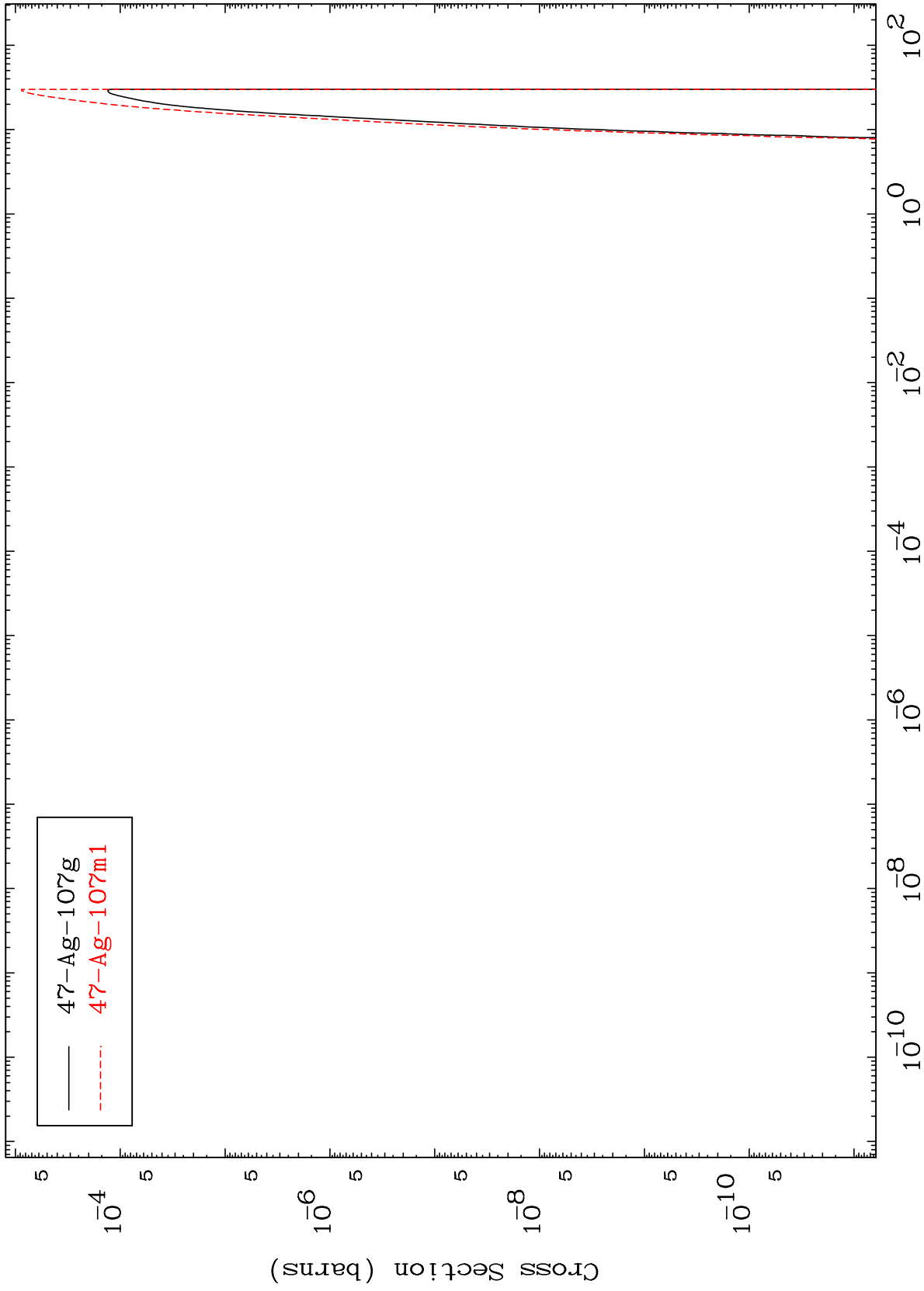
50-Sn-111

MAT 5022

(n,p)  $\alpha$

50-Sn-111

Radionuclide Production Cross Section



149

Incident Energy (MeV)

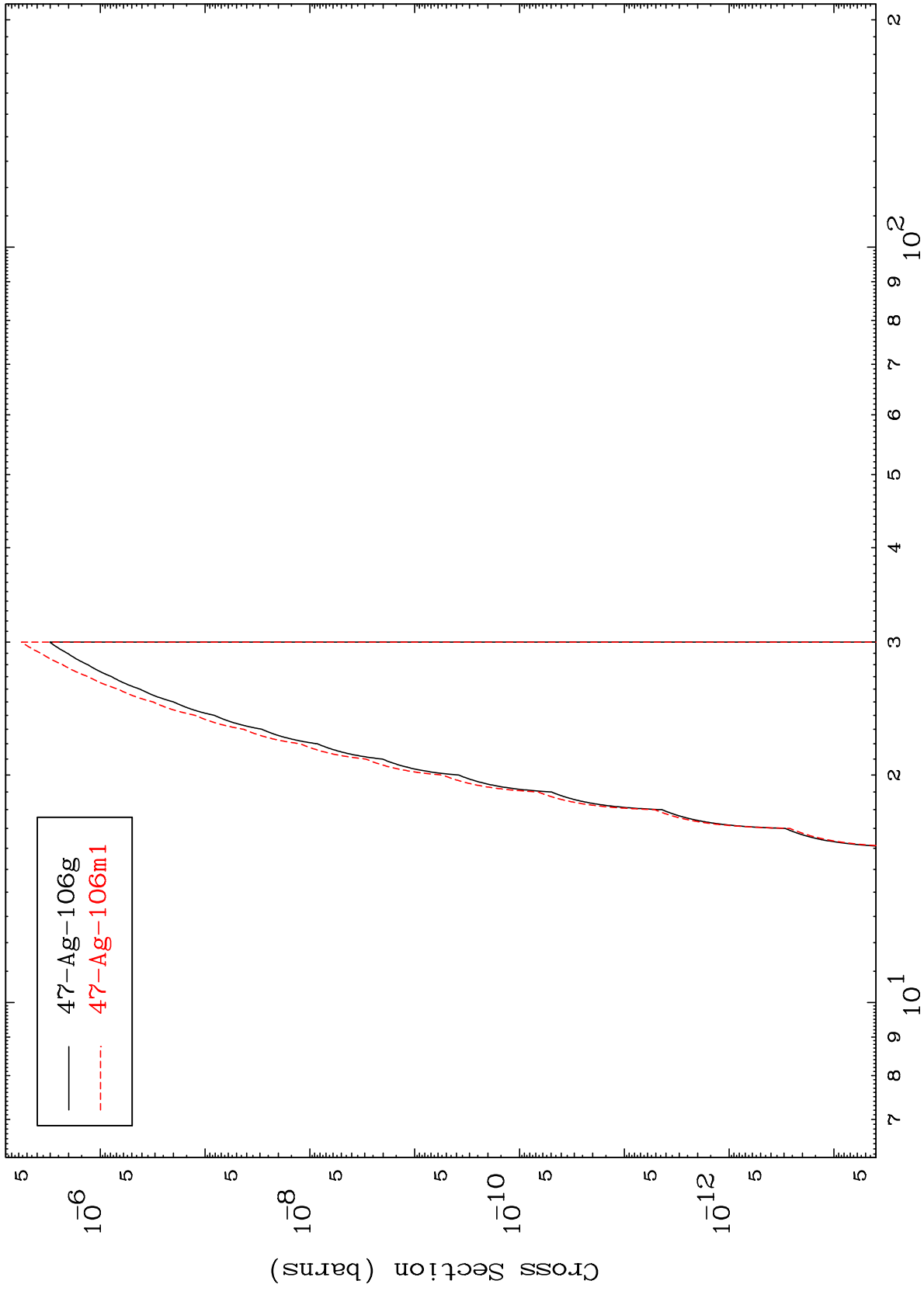
50-Sn-111

MAT 5022

(n,d)  $\alpha$

50-Sn-111

Radionuclide Production Cross Section



150

Incident Energy (MeV)

50-Sn-111