

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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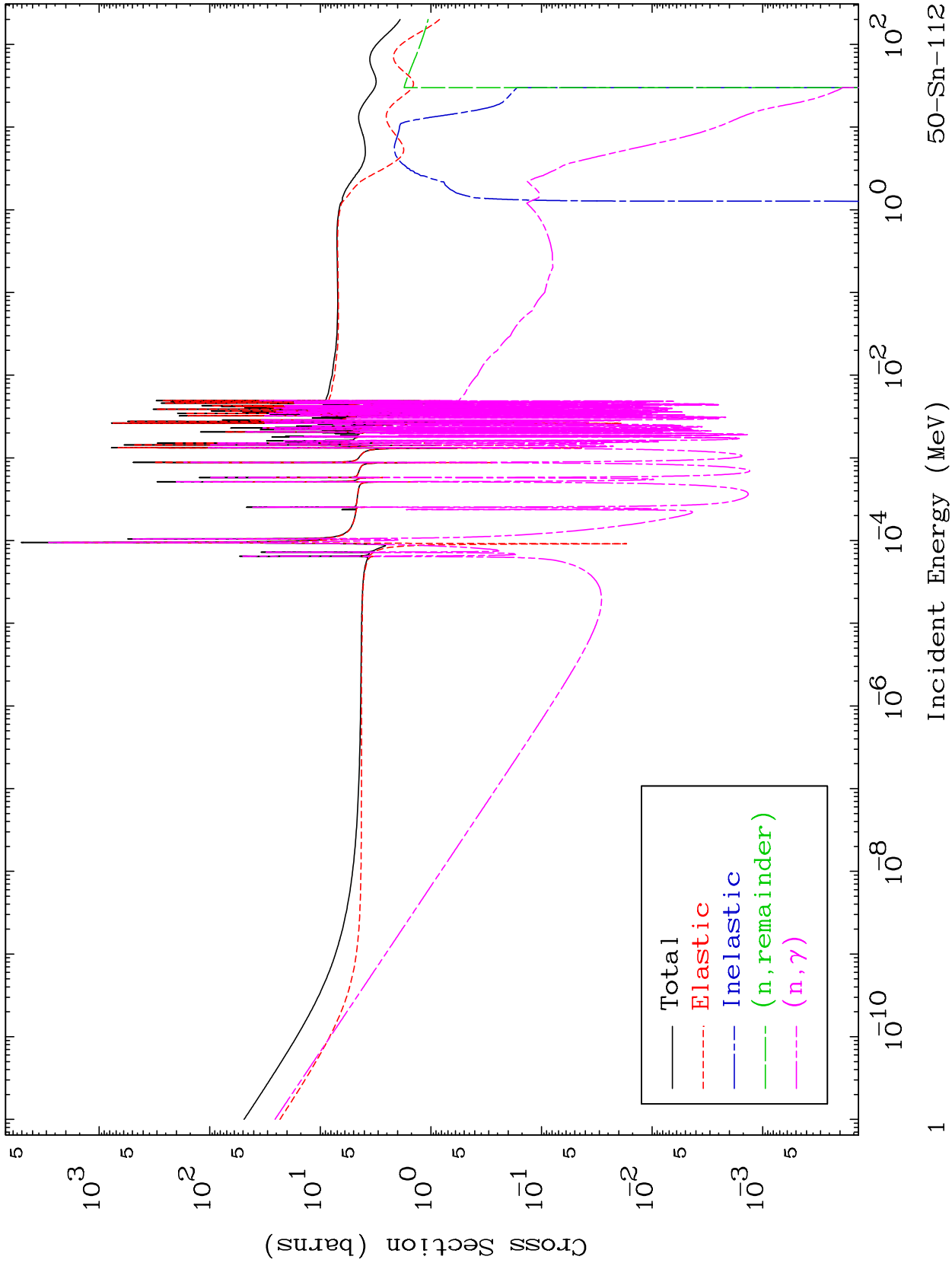
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5025

Major  
293 Kelvin Cross Sections

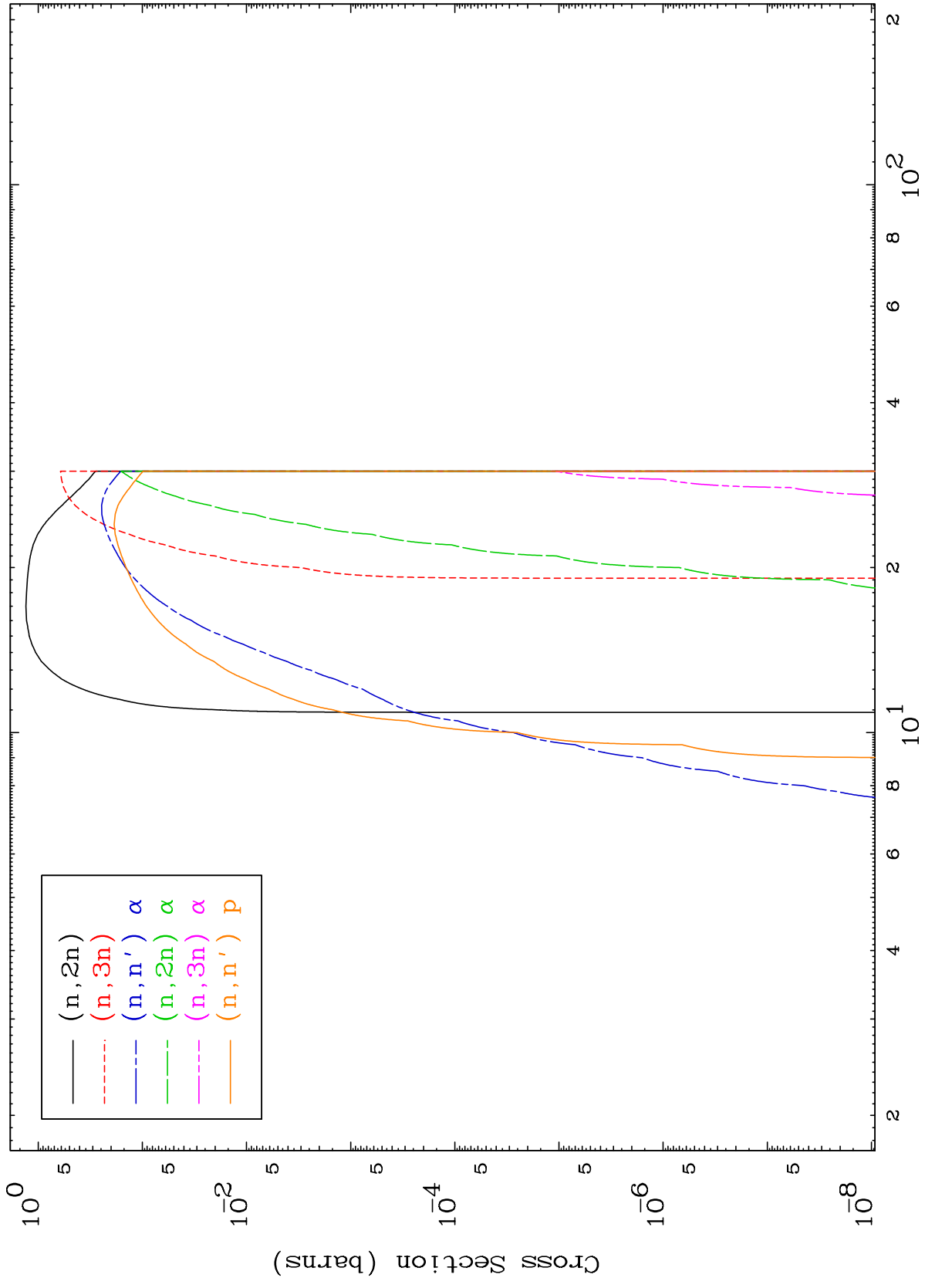
50-Sn-112



MAT 5025

Neutron Production  
293 Kelvin Cross Sections

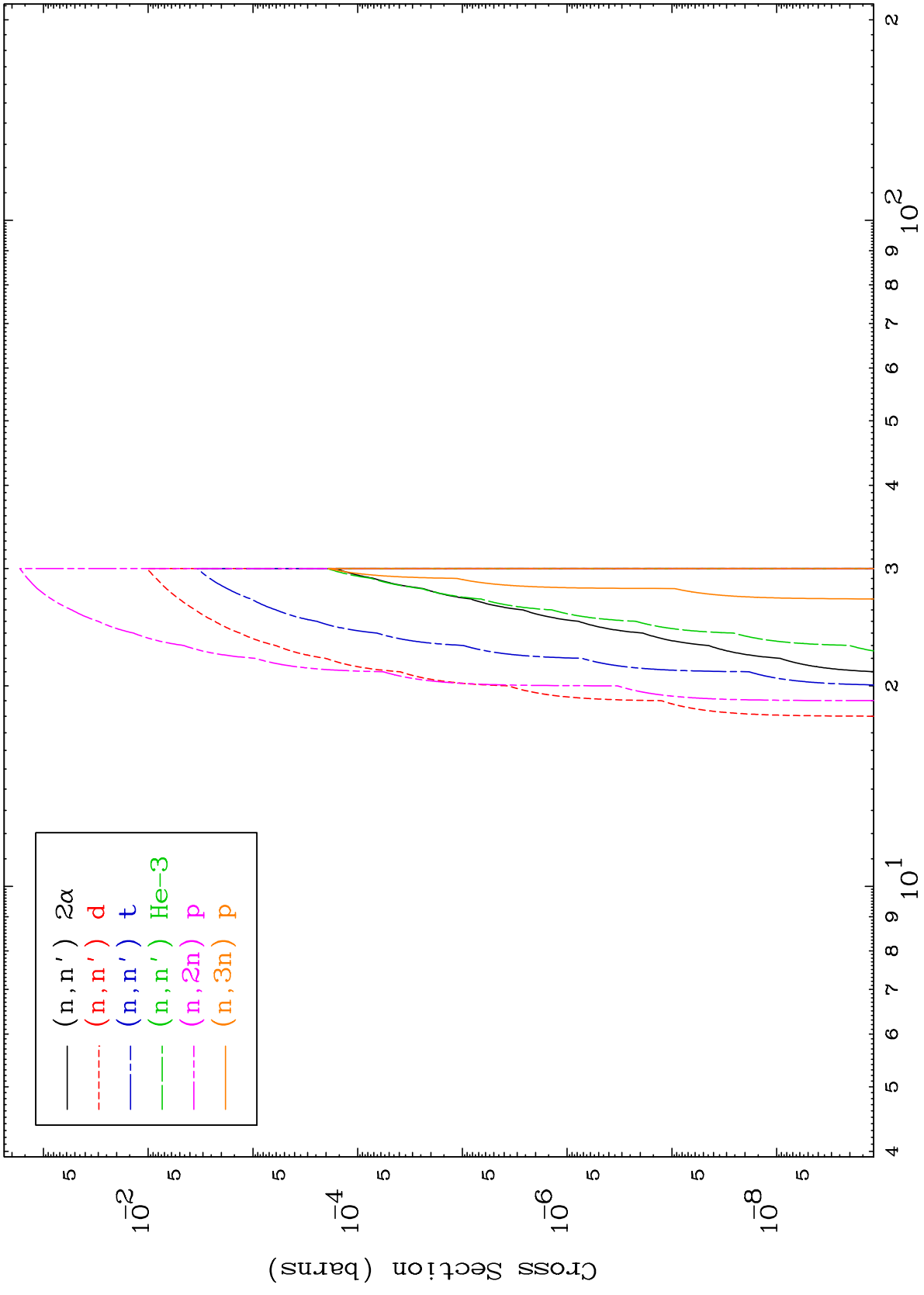
50-Sn-112

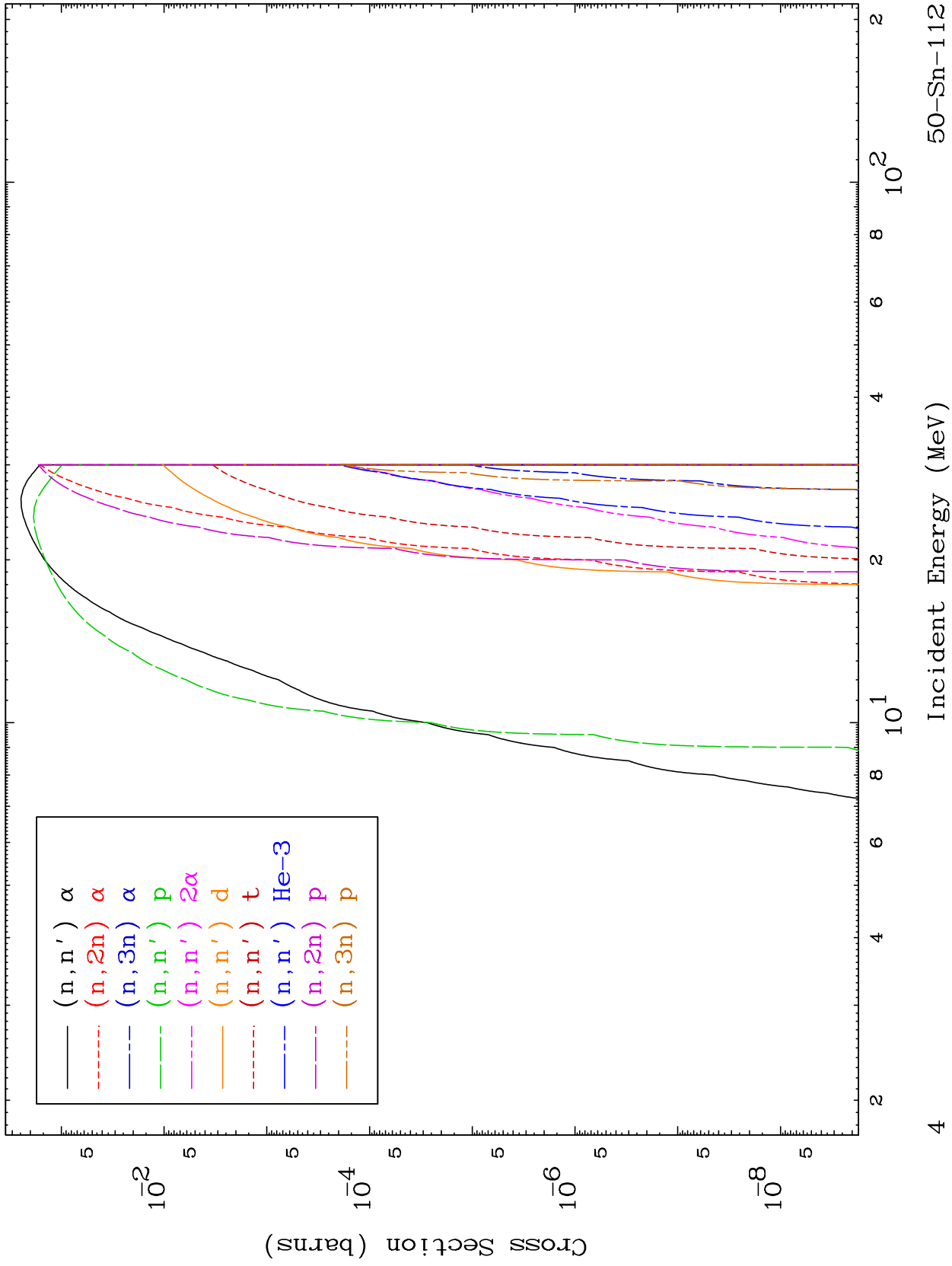


50-Sn-112

Incident Energy (MeV)

2

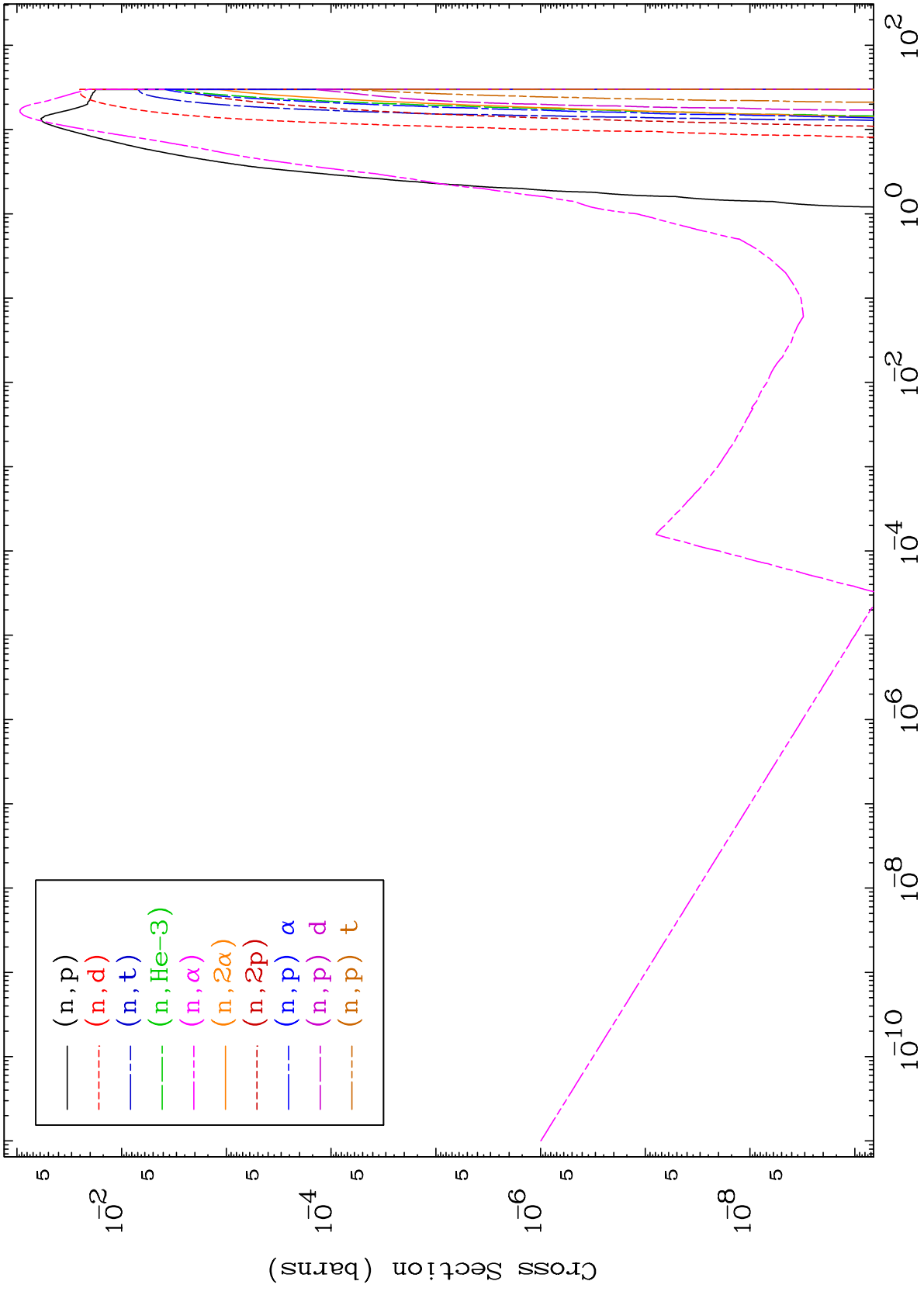




MAT 5025

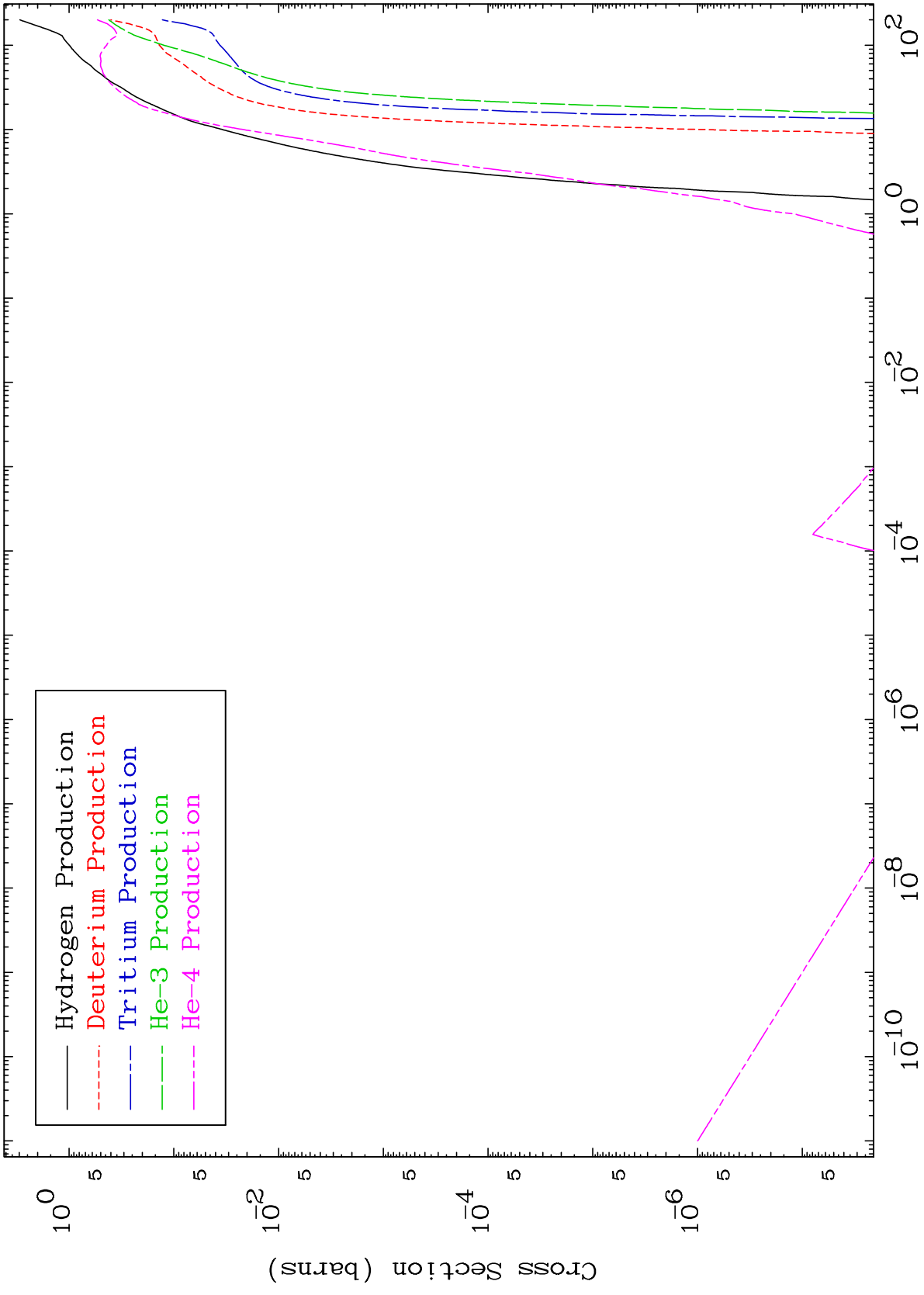
293 Kelvin Cross Sections

50-Sn-112



5

50-Sn-112

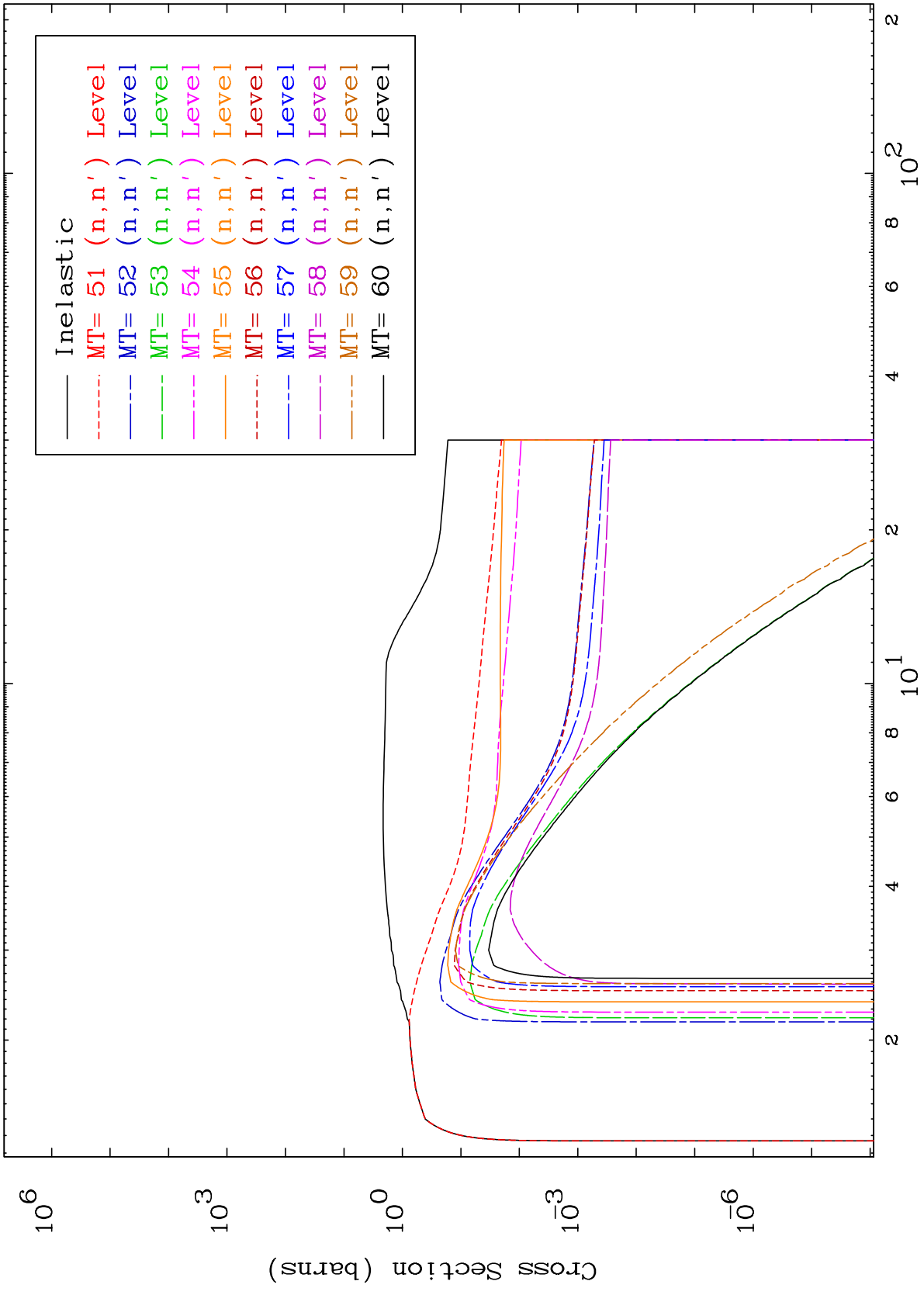


MAT 5025

(n,n') Level

50-Sn-112

293 Kelvin Cross Sections



7

Incident Energy (MeV)

50-Sn-112

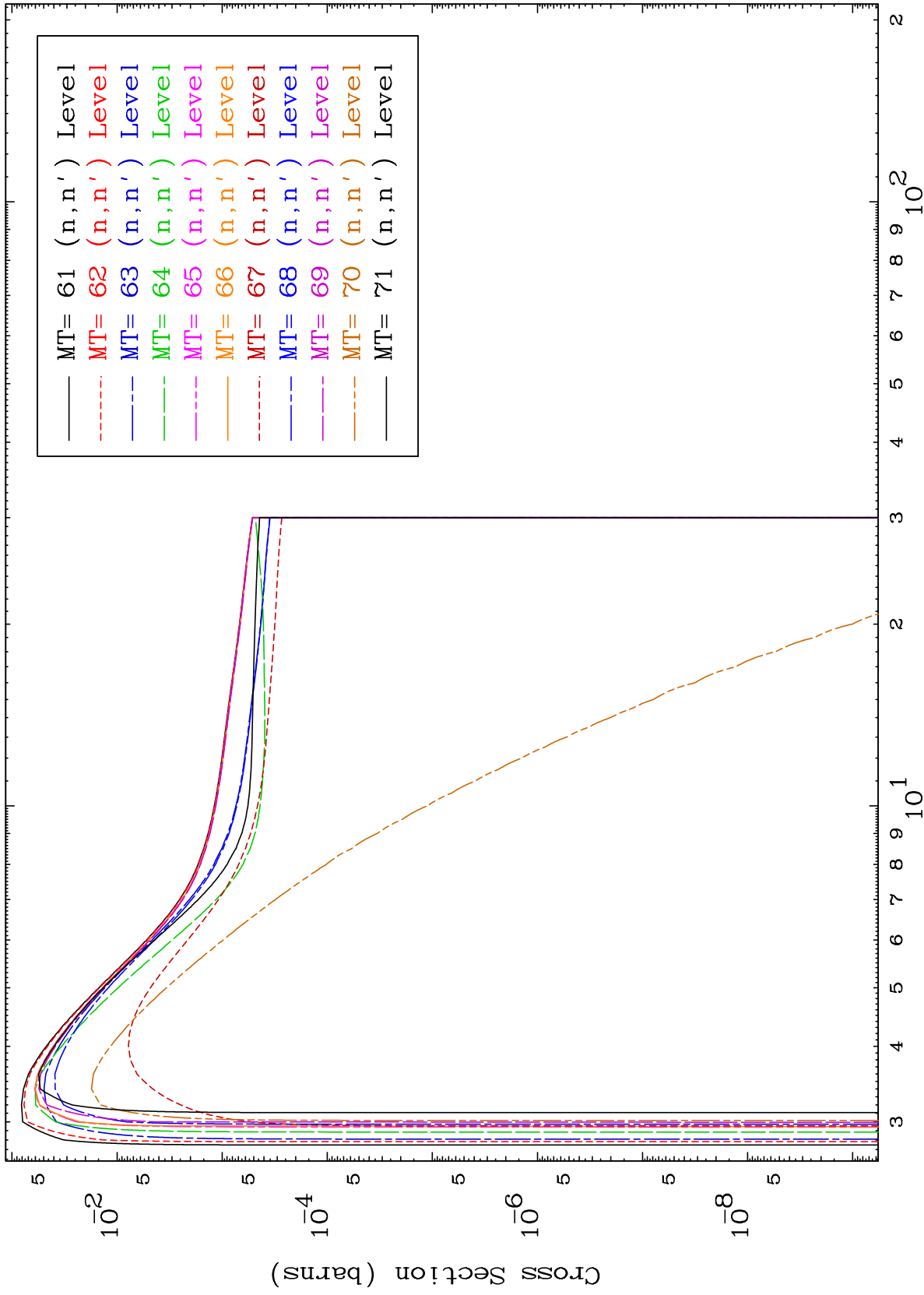


MAT 5025

(n,n') Level

293 Kelvin Cross Sections

50-Sn-112



8

Incident Energy (MeV)

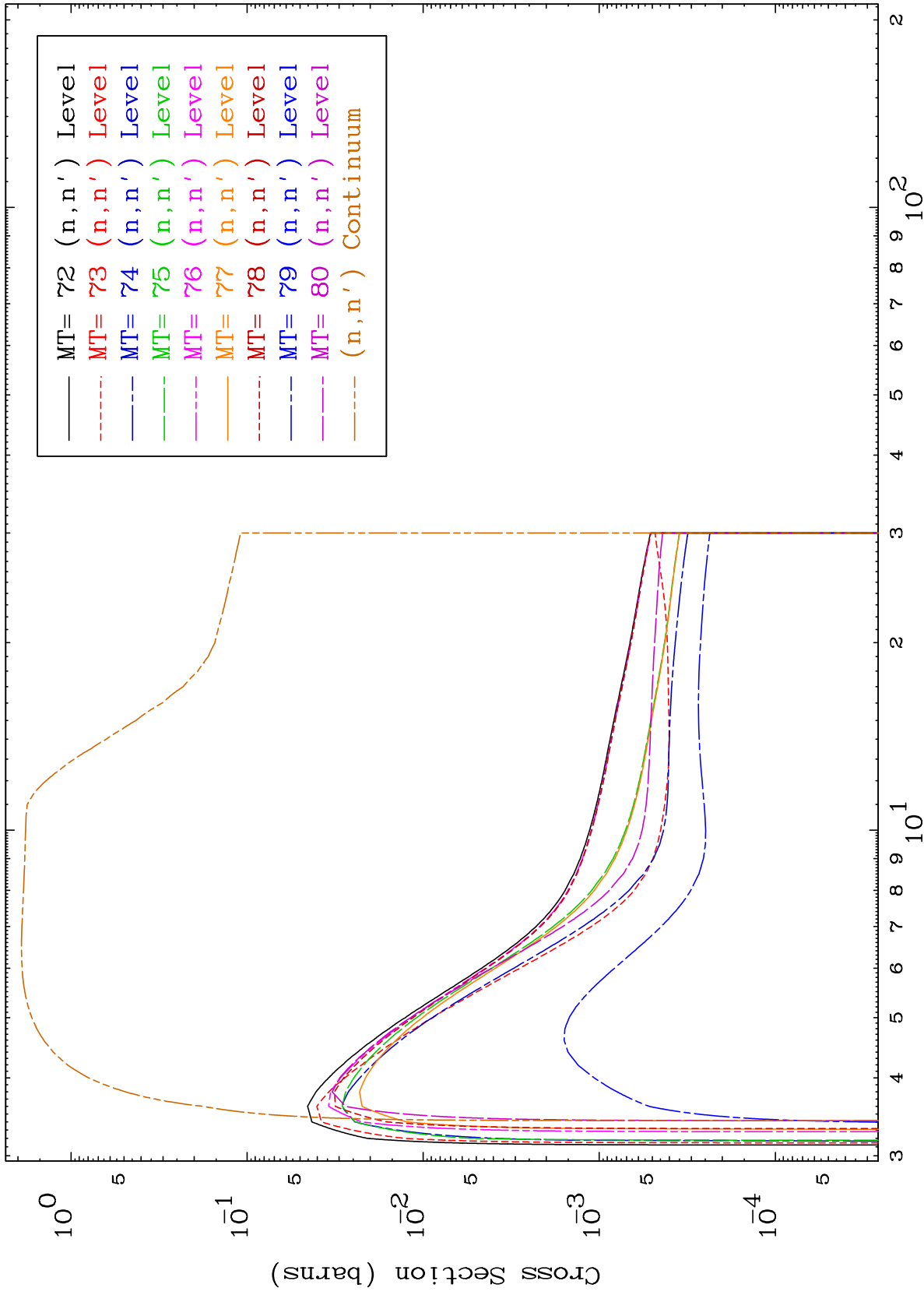
50-Sn-112

MAT 5025

(n,n') Level

50-Sn-112

293 Kelvin Cross Sections



9

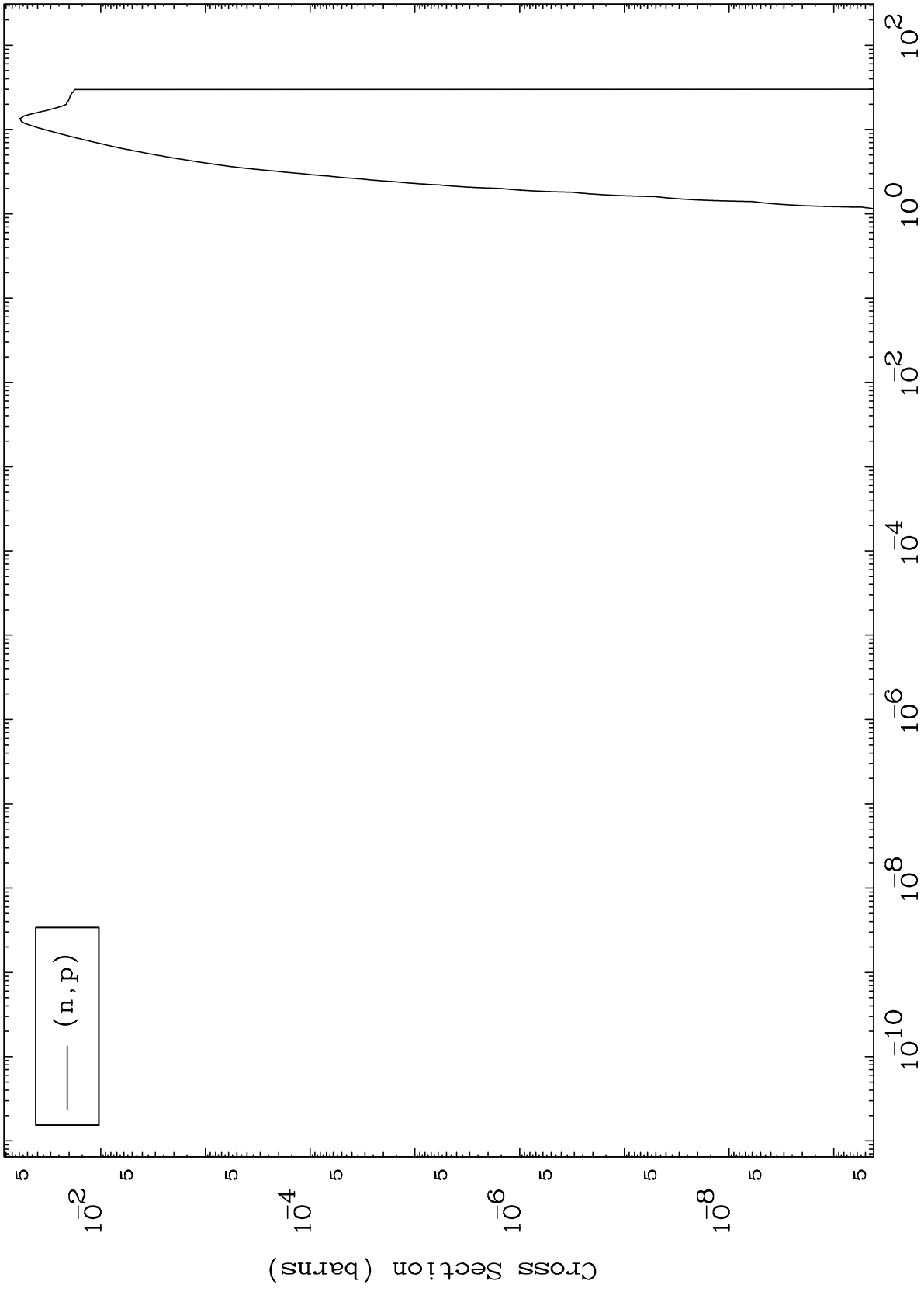
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-112



10

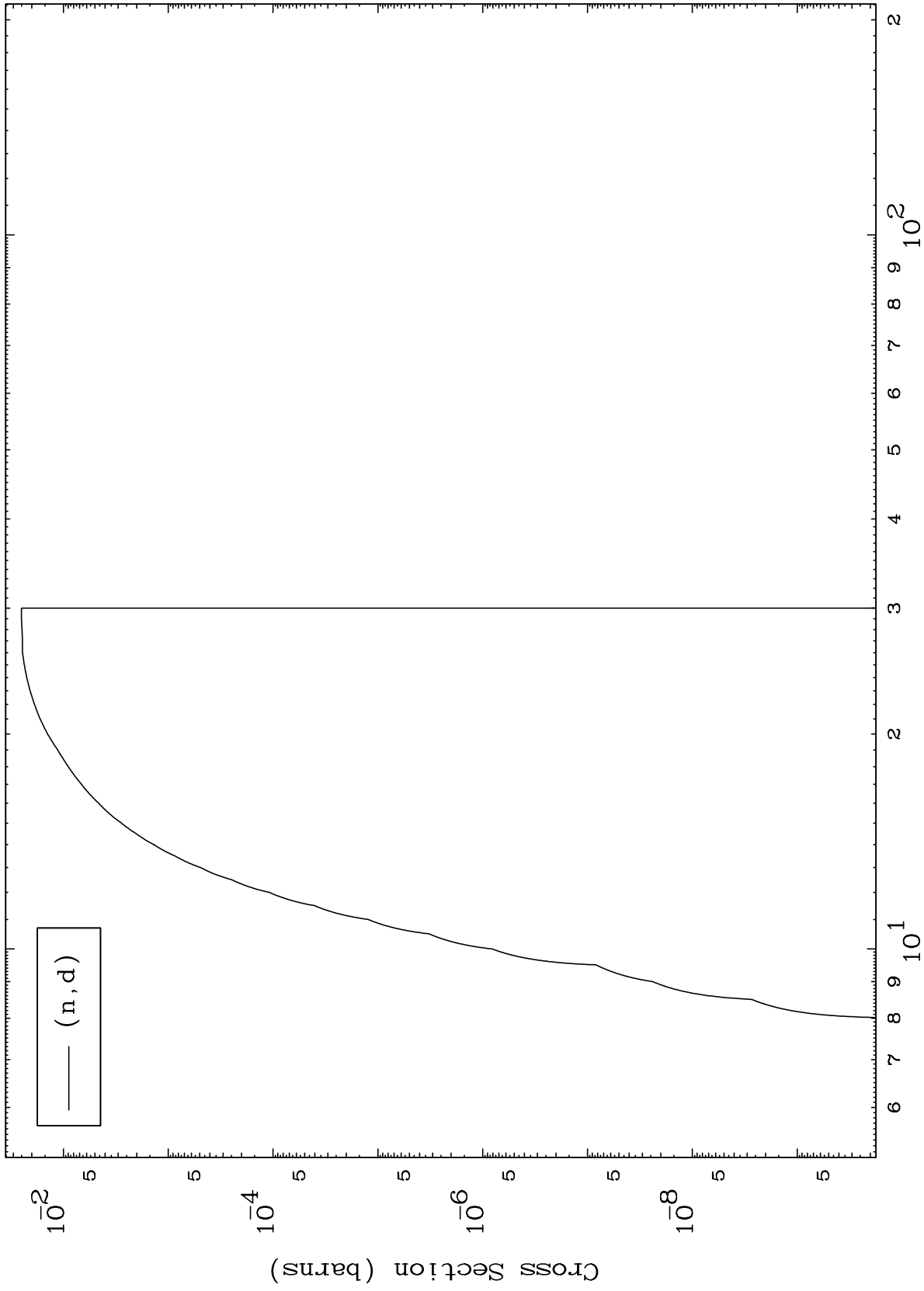
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-112



11

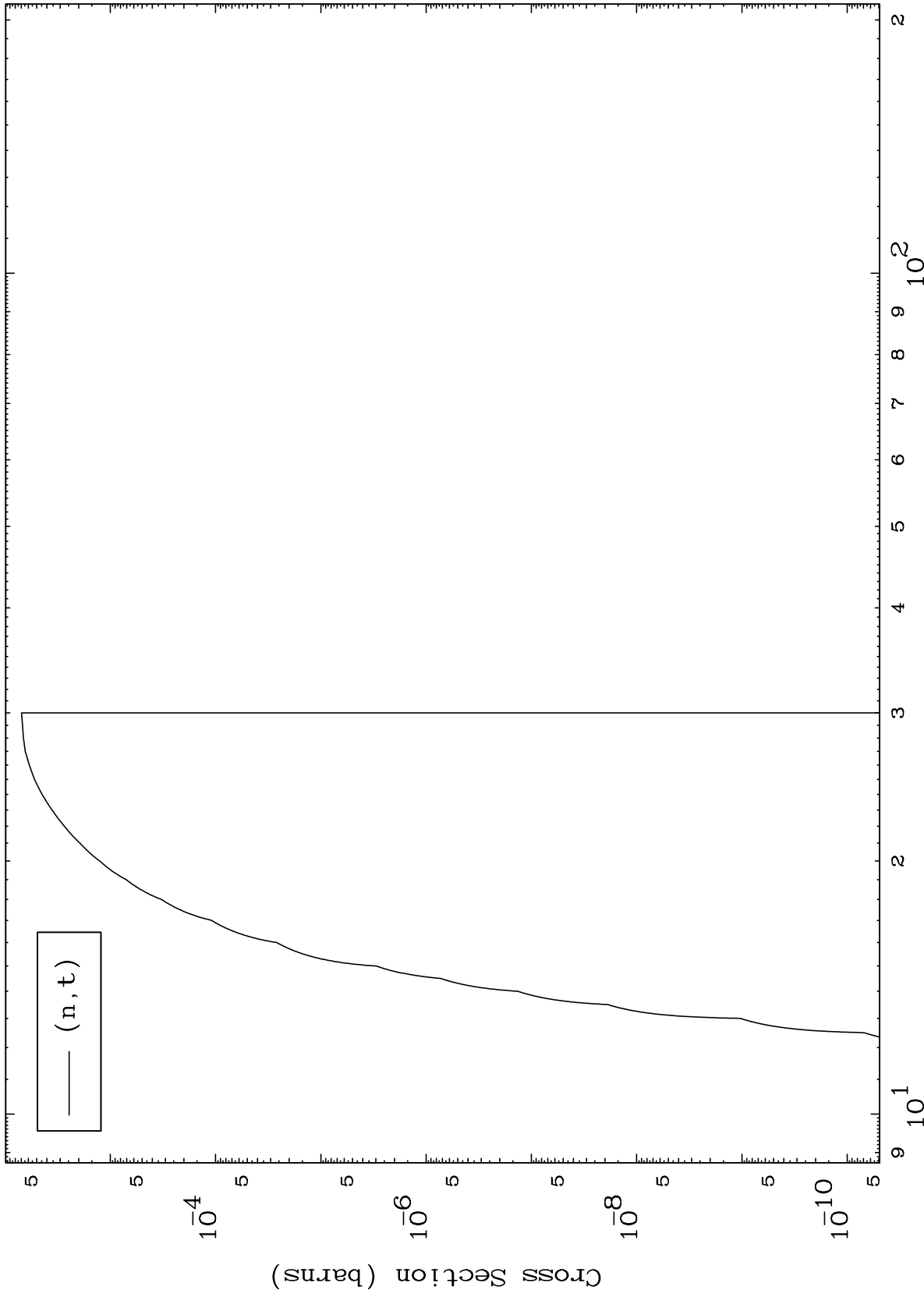
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-112



12

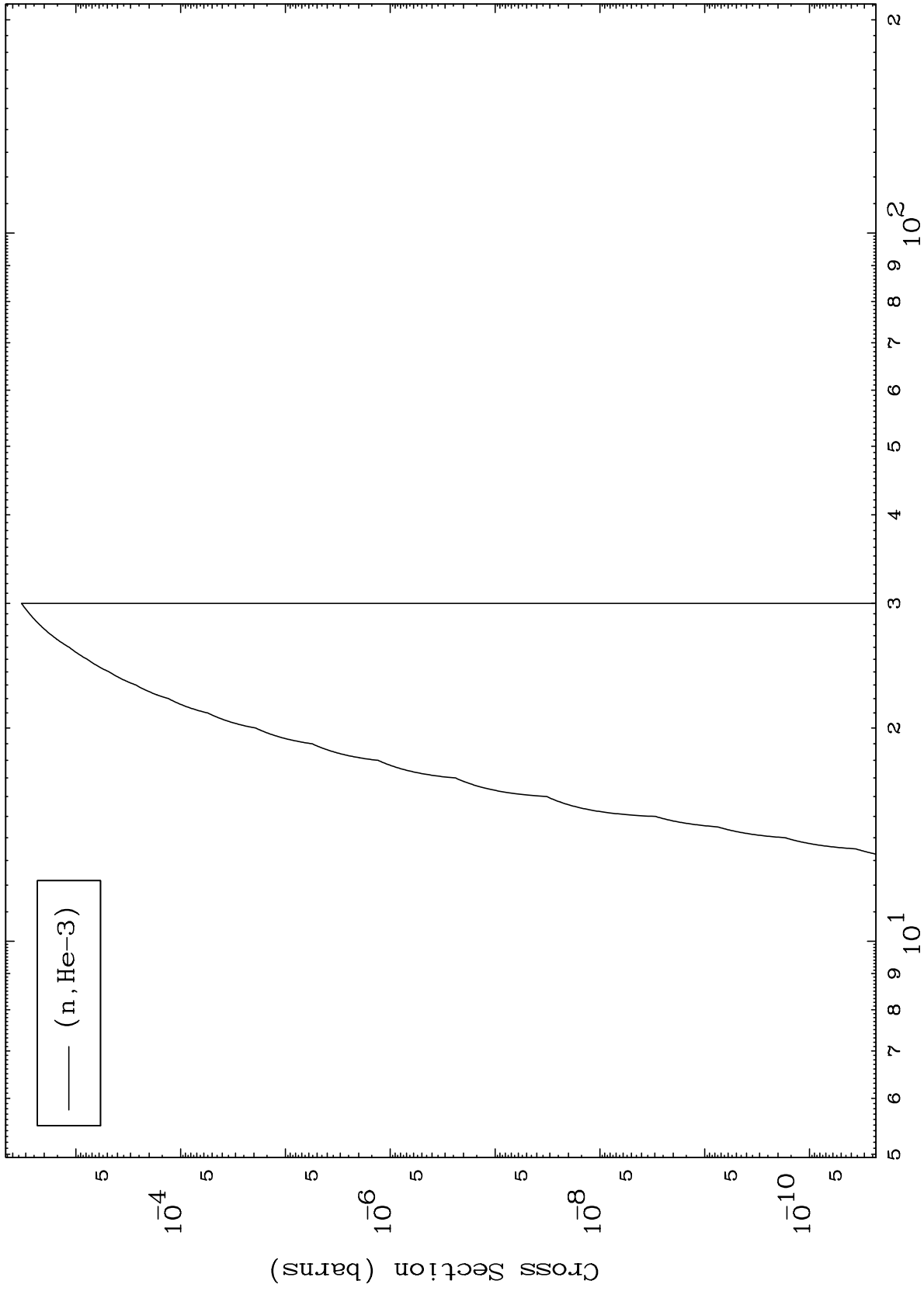
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-112



13

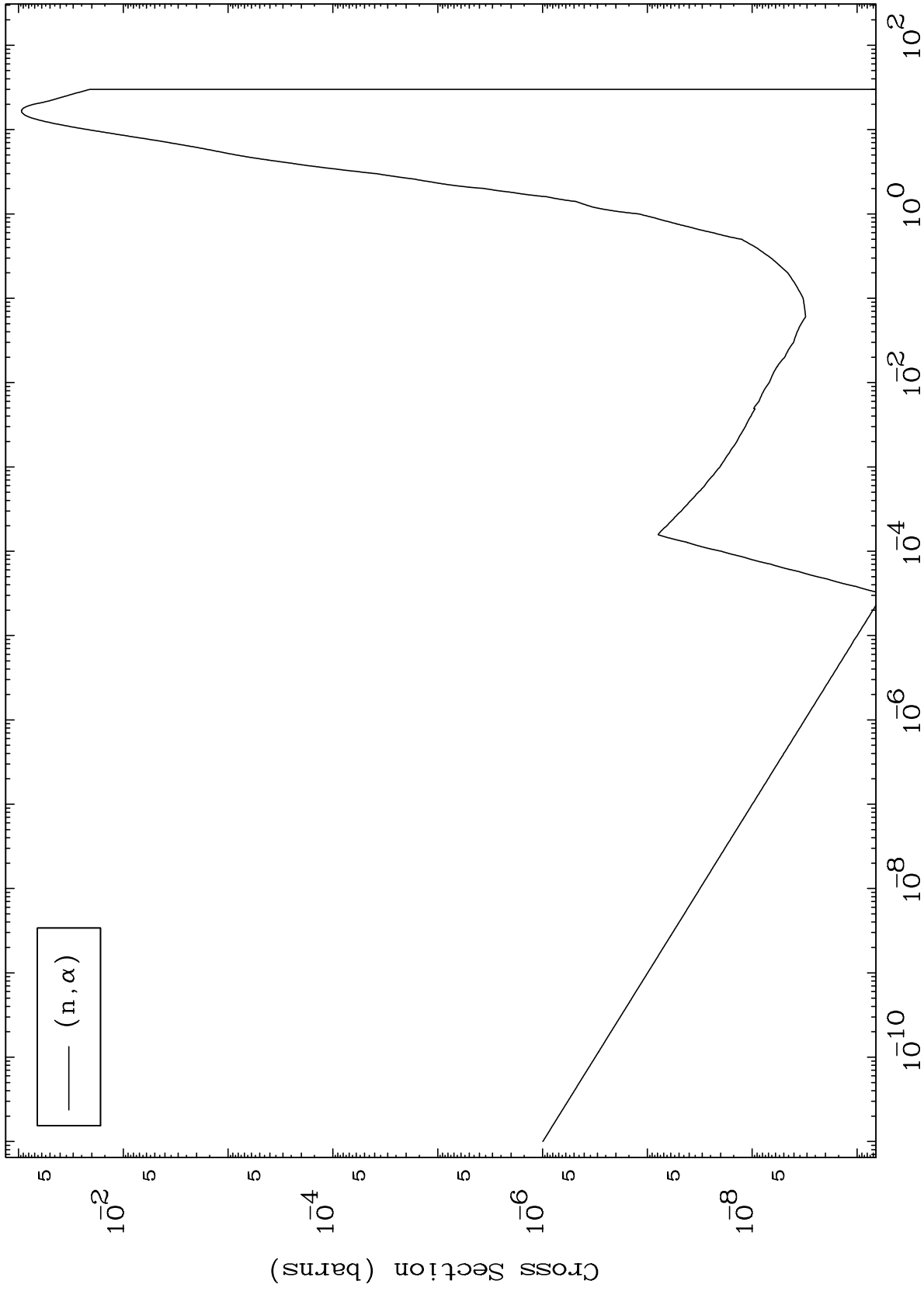
Incident Energy (MeV)

50-Sn-112

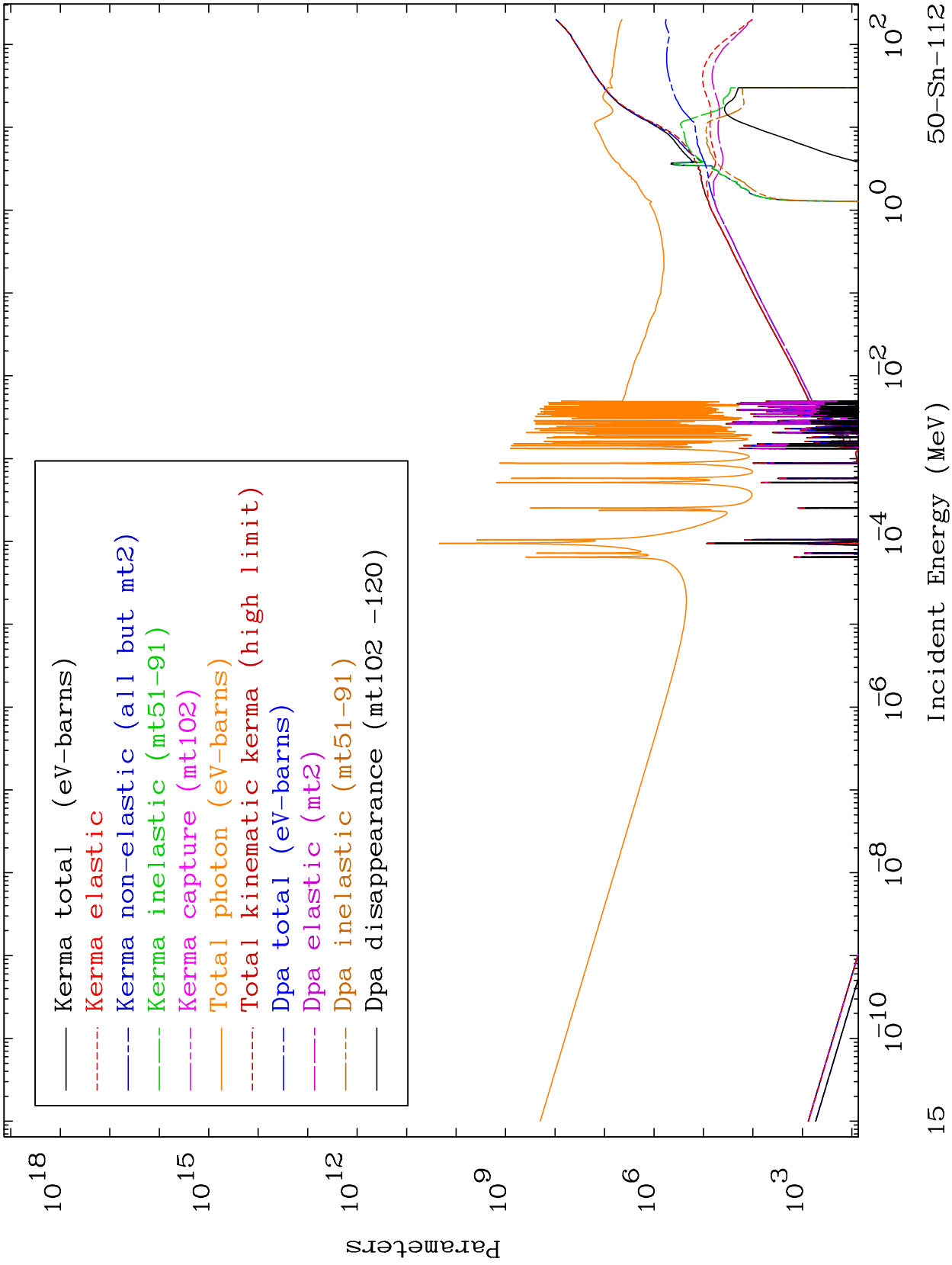
MAT 5025

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-112



(n,α)

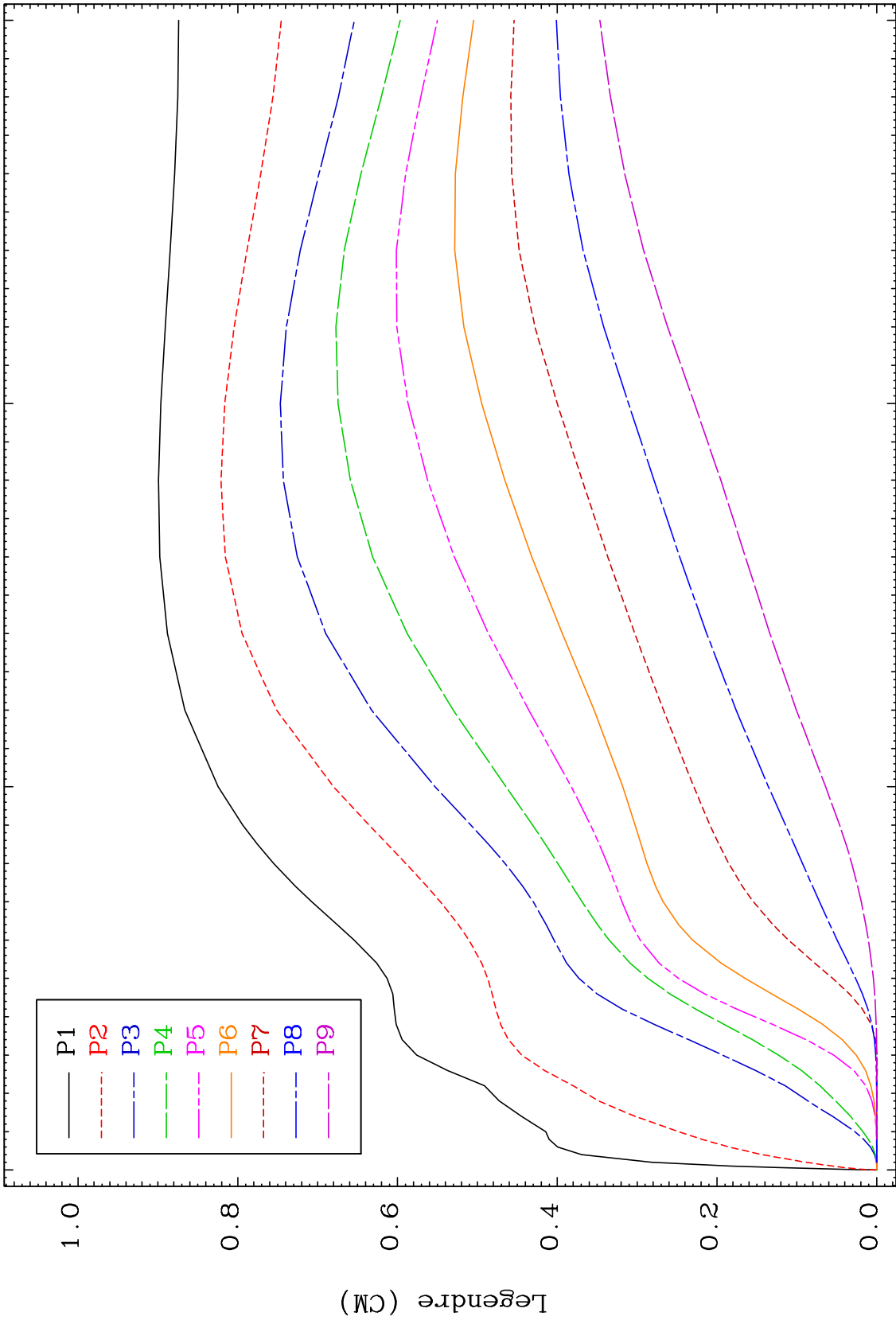




MAT 5025

Elastic Legendre Coefficients

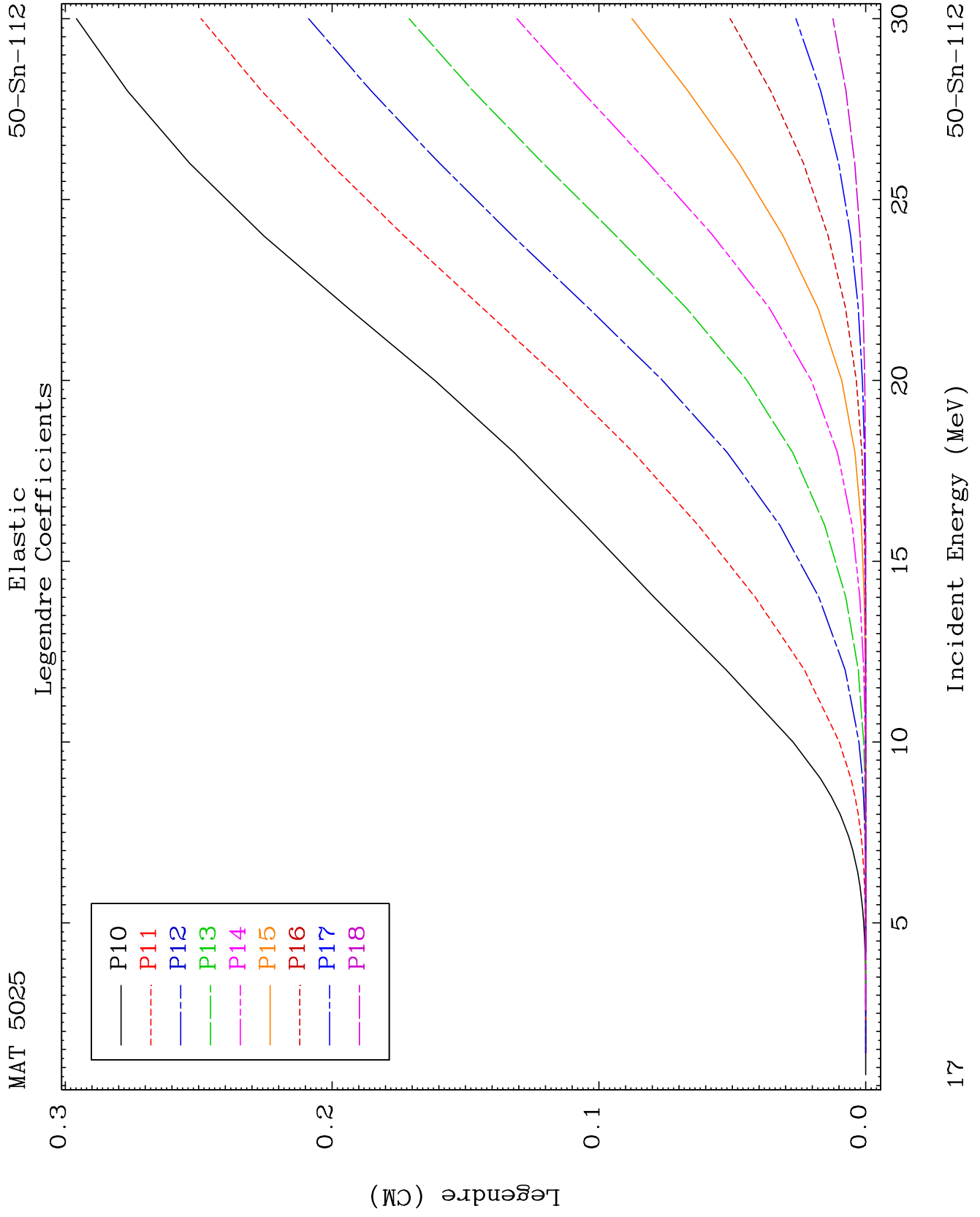
50-Sn-112



16

Incident Energy (MeV)

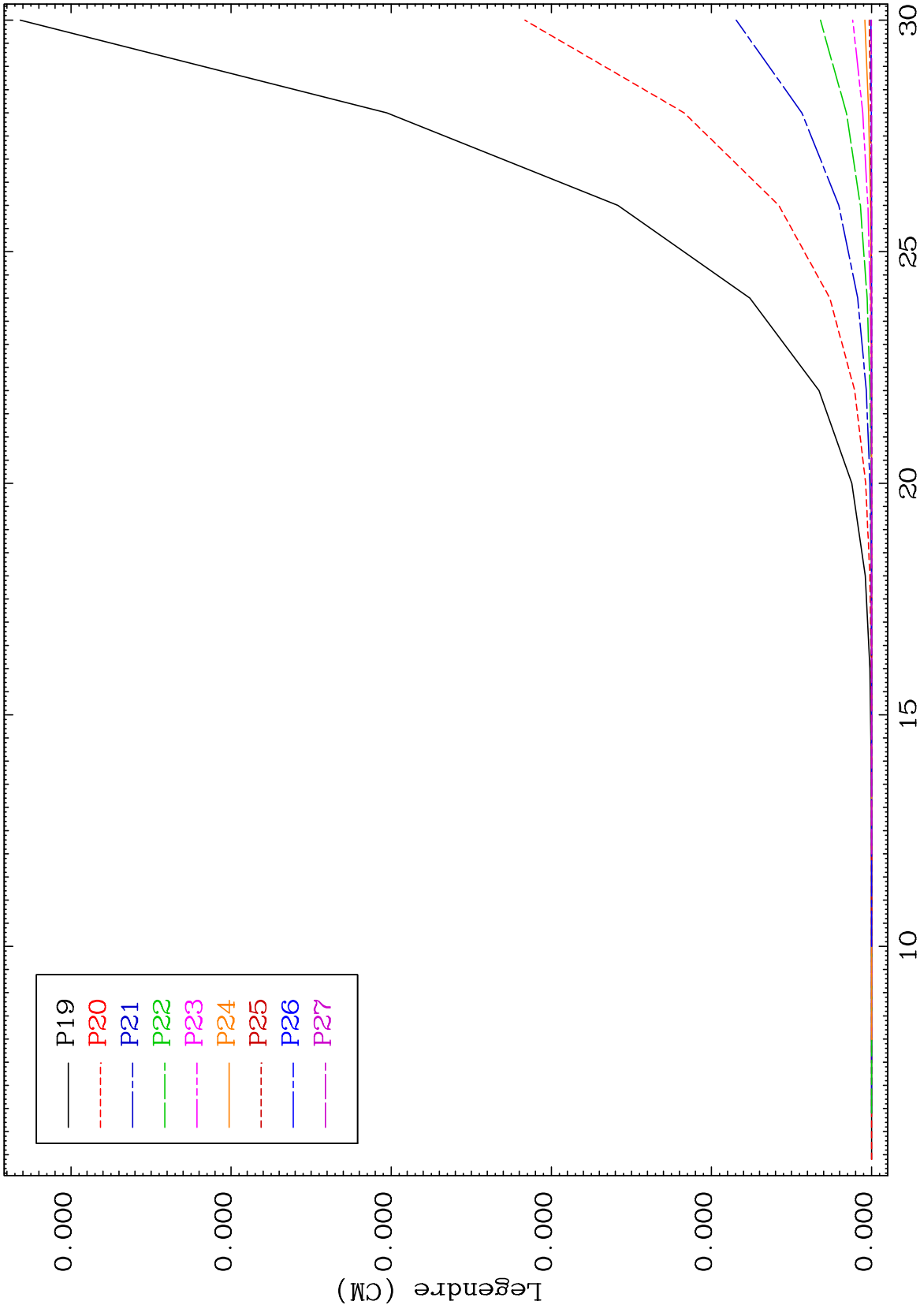
50-Sn-112



MAT 5025

Elastic Legendre Coefficients

50-Sn-112



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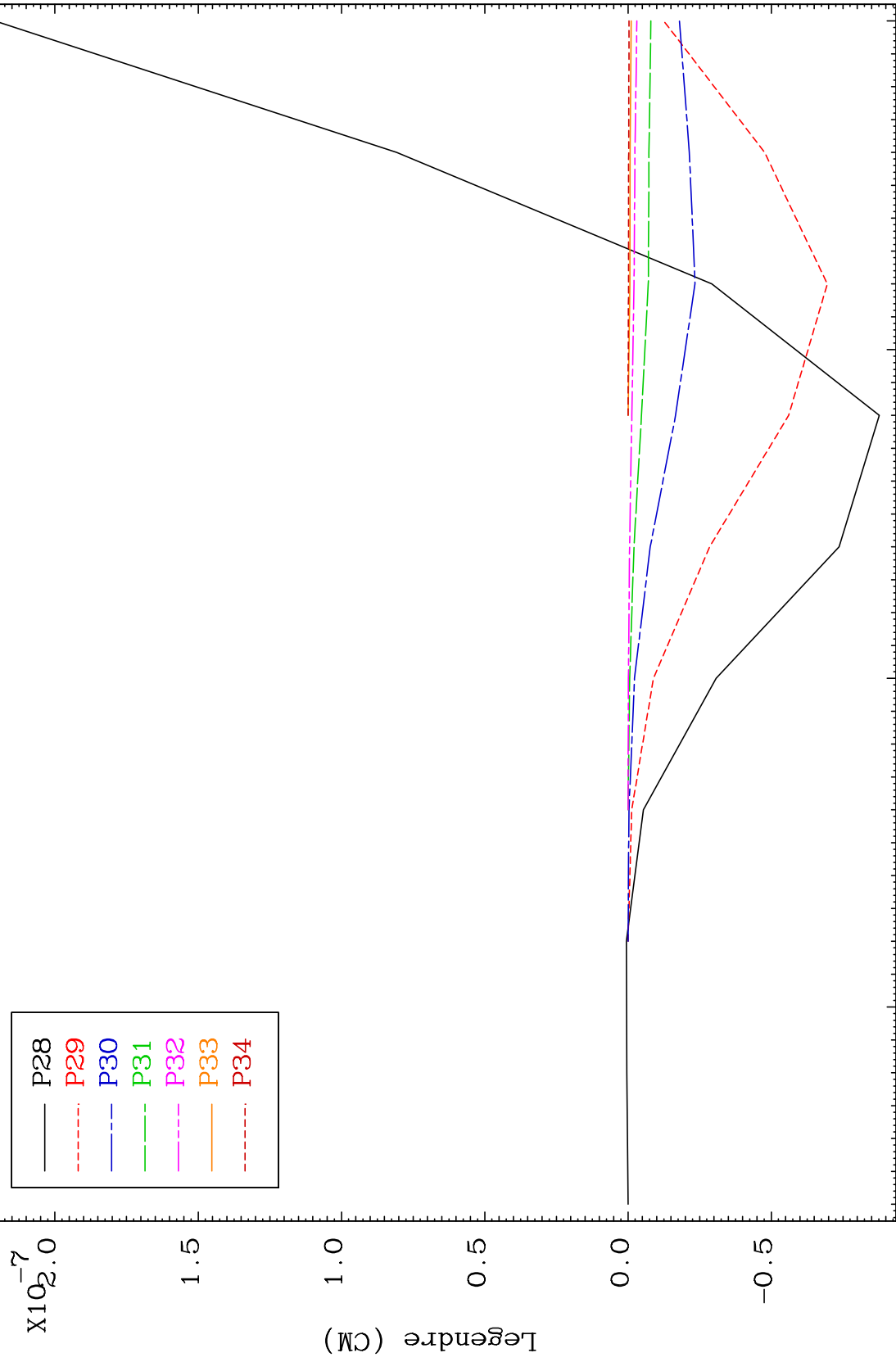
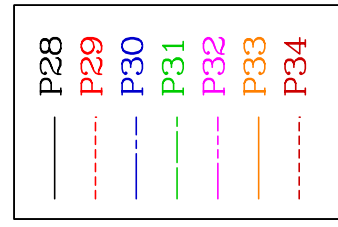
Incident Energy (MeV)

50-Sn-112

MAT 5025

Elastic Legendre Coefficients

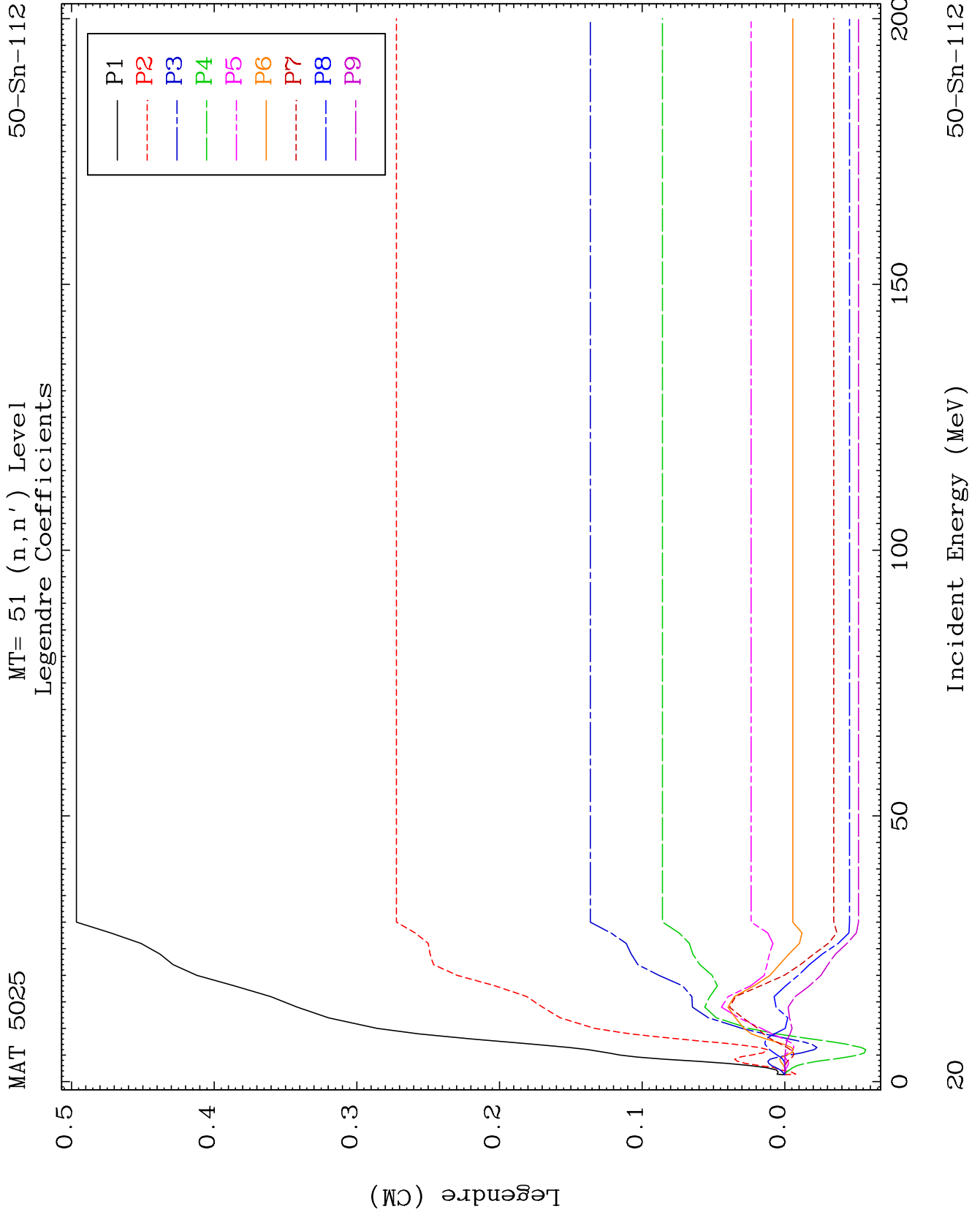
50-Sn-112



19

Incident Energy (MeV)

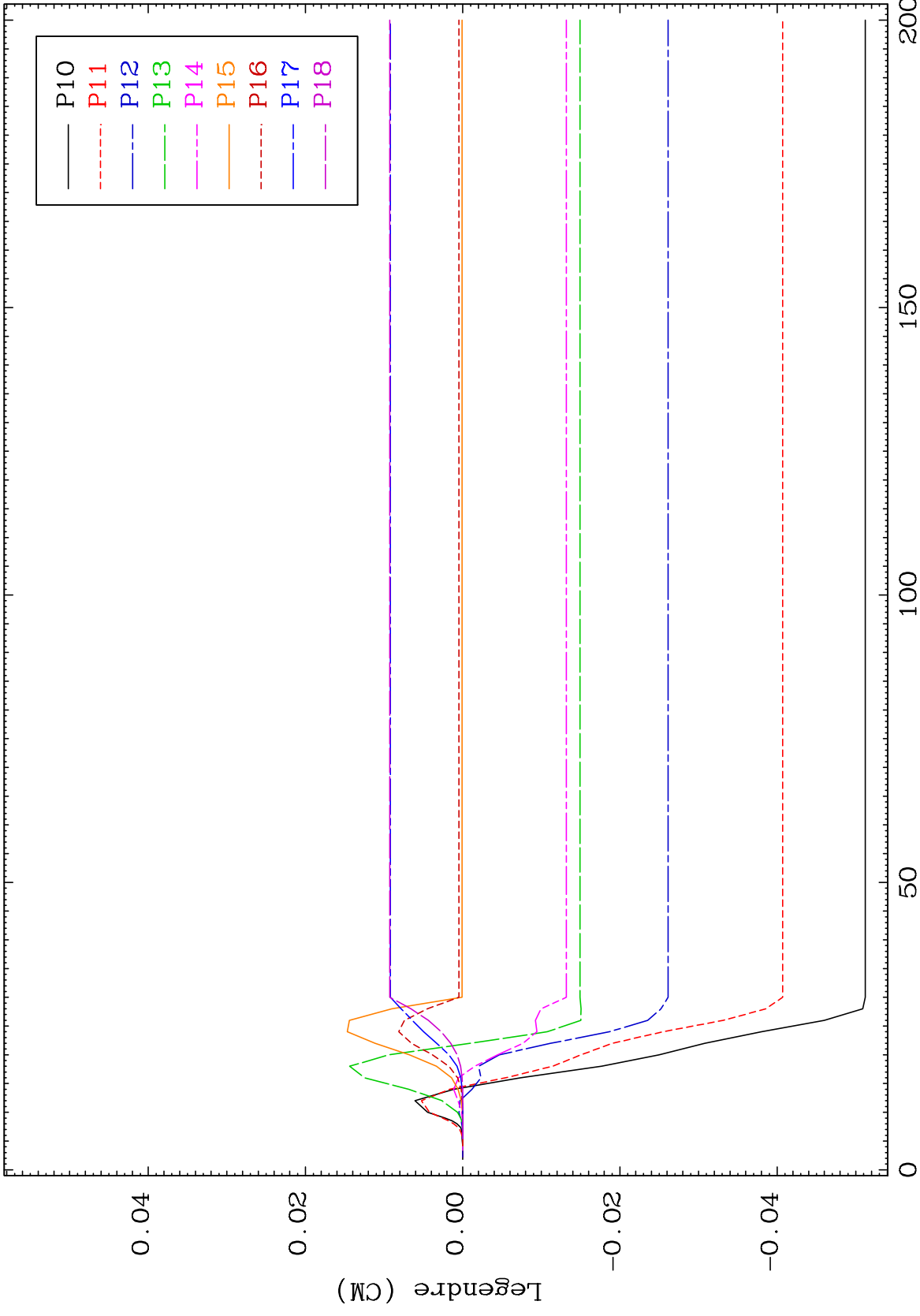
50-Sn-112



MAT 5025

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

50-Sn-112

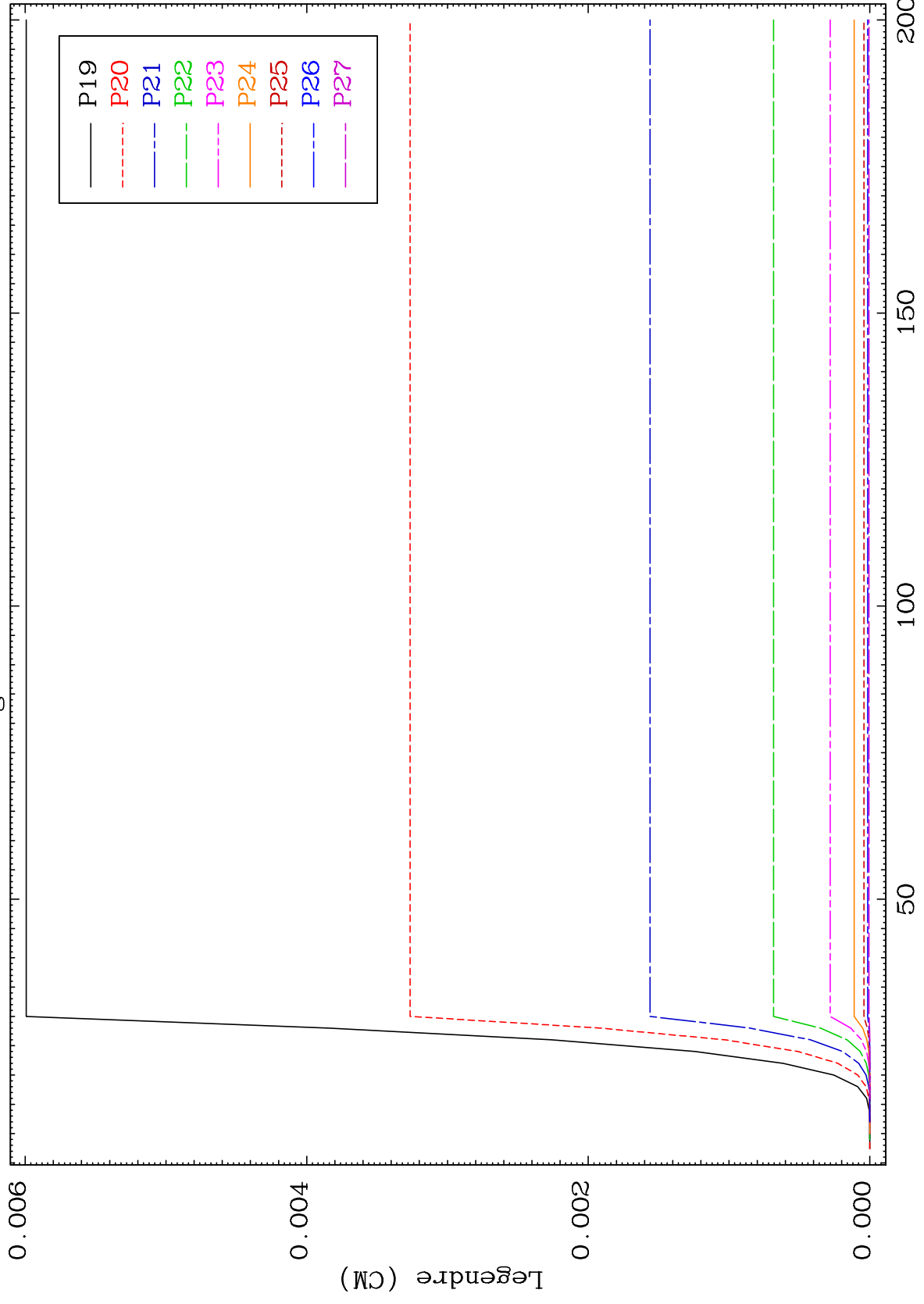


21

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-112

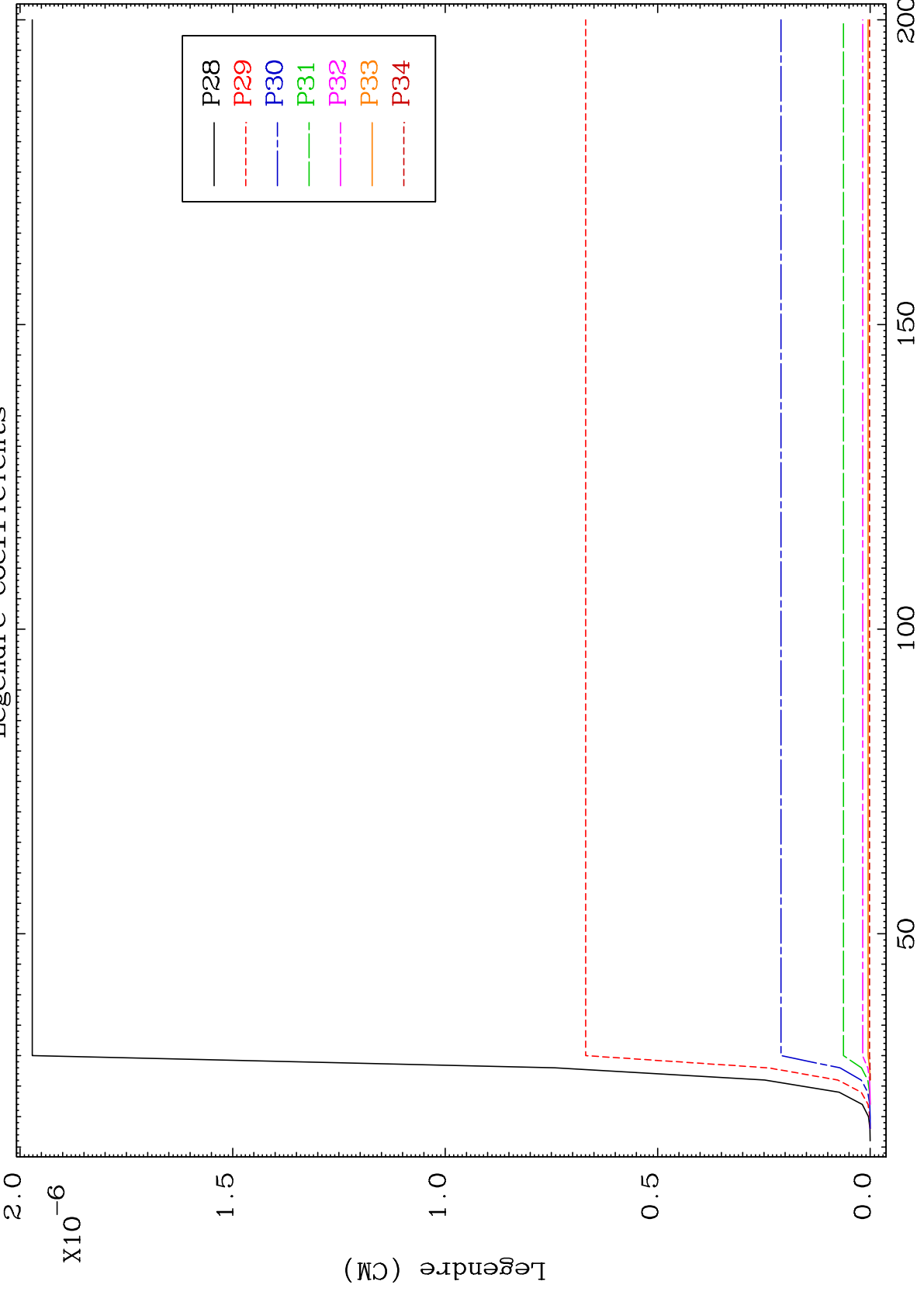


22

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-112

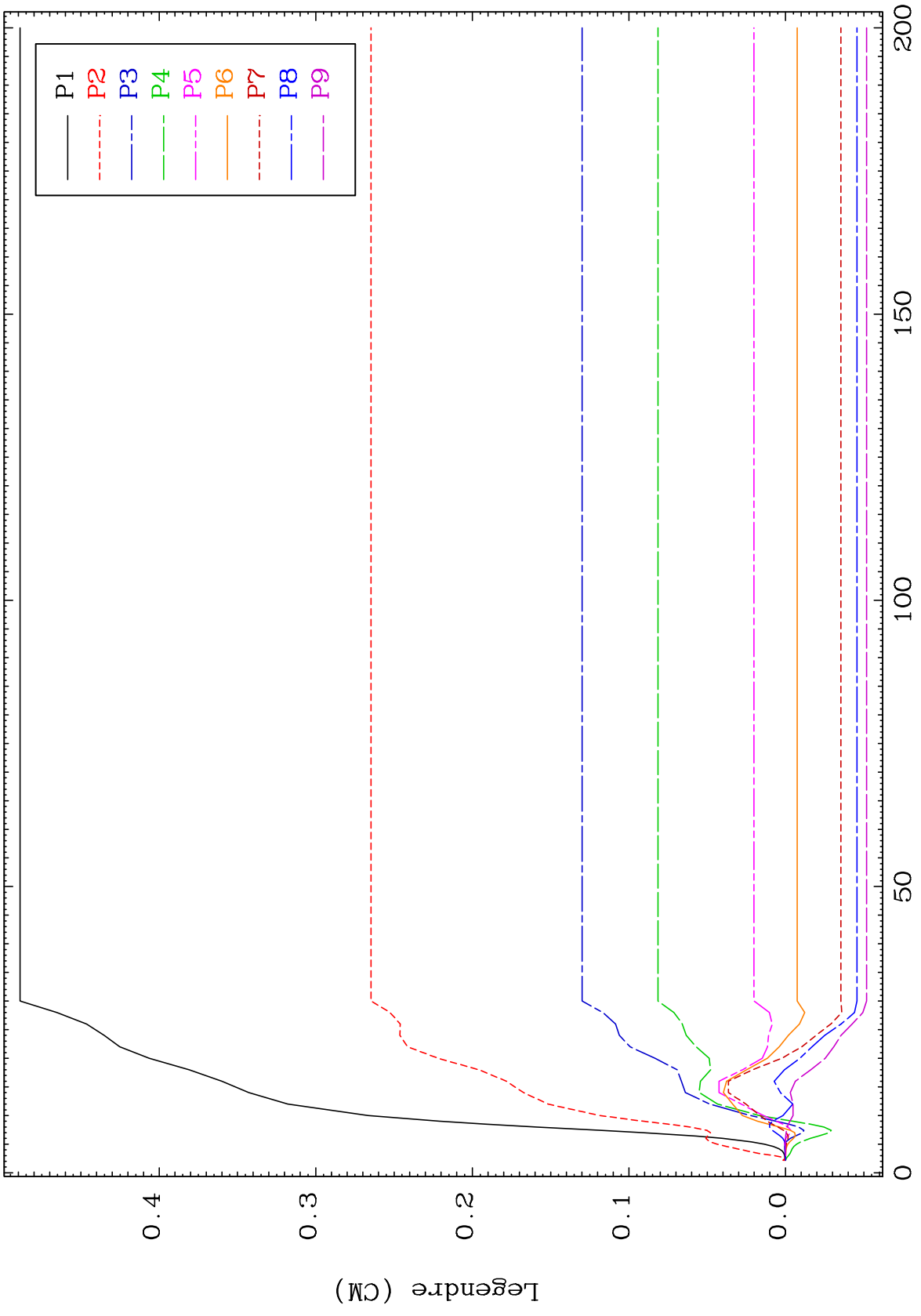




MAT 5025

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

50-Sn-112

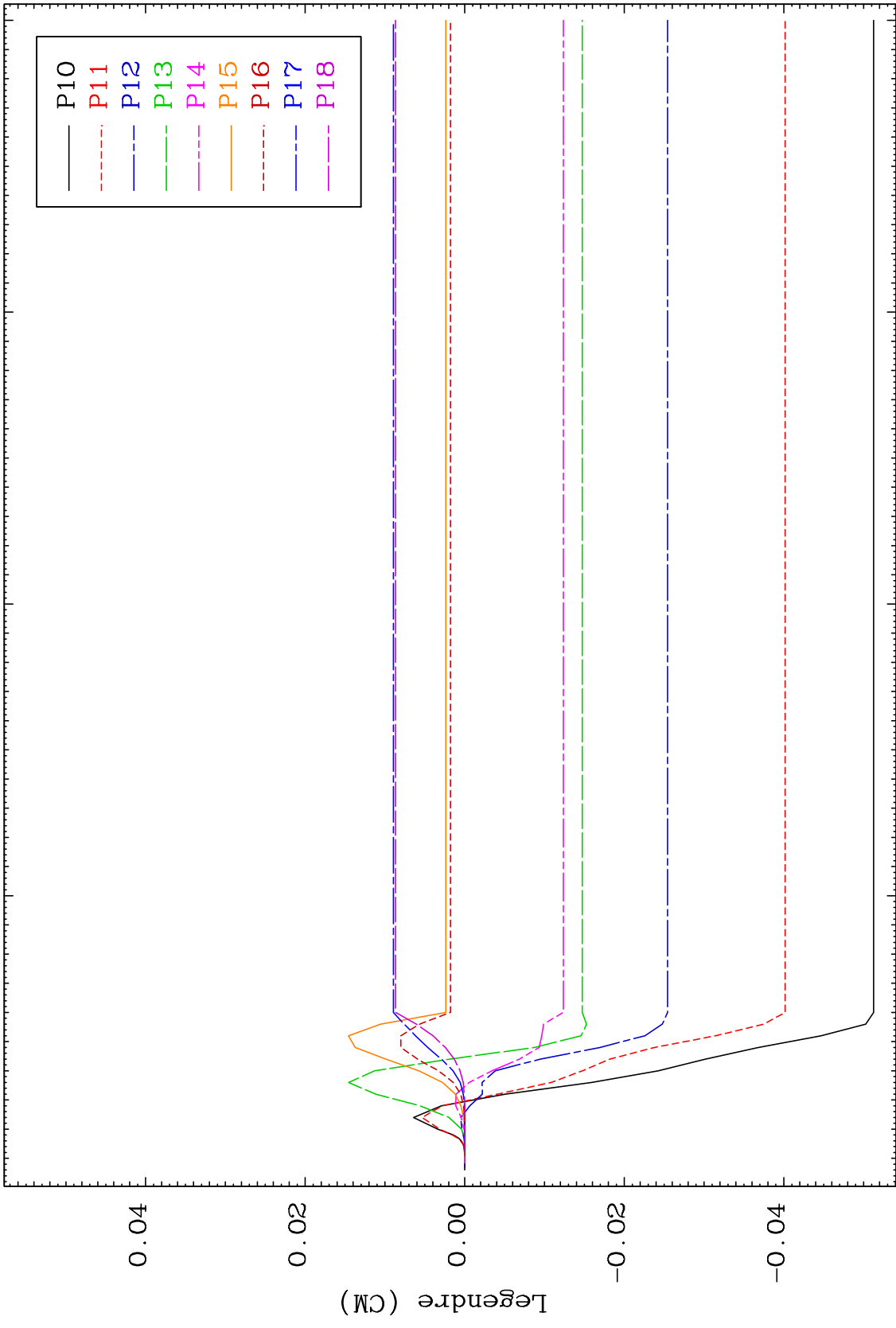


24

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-112

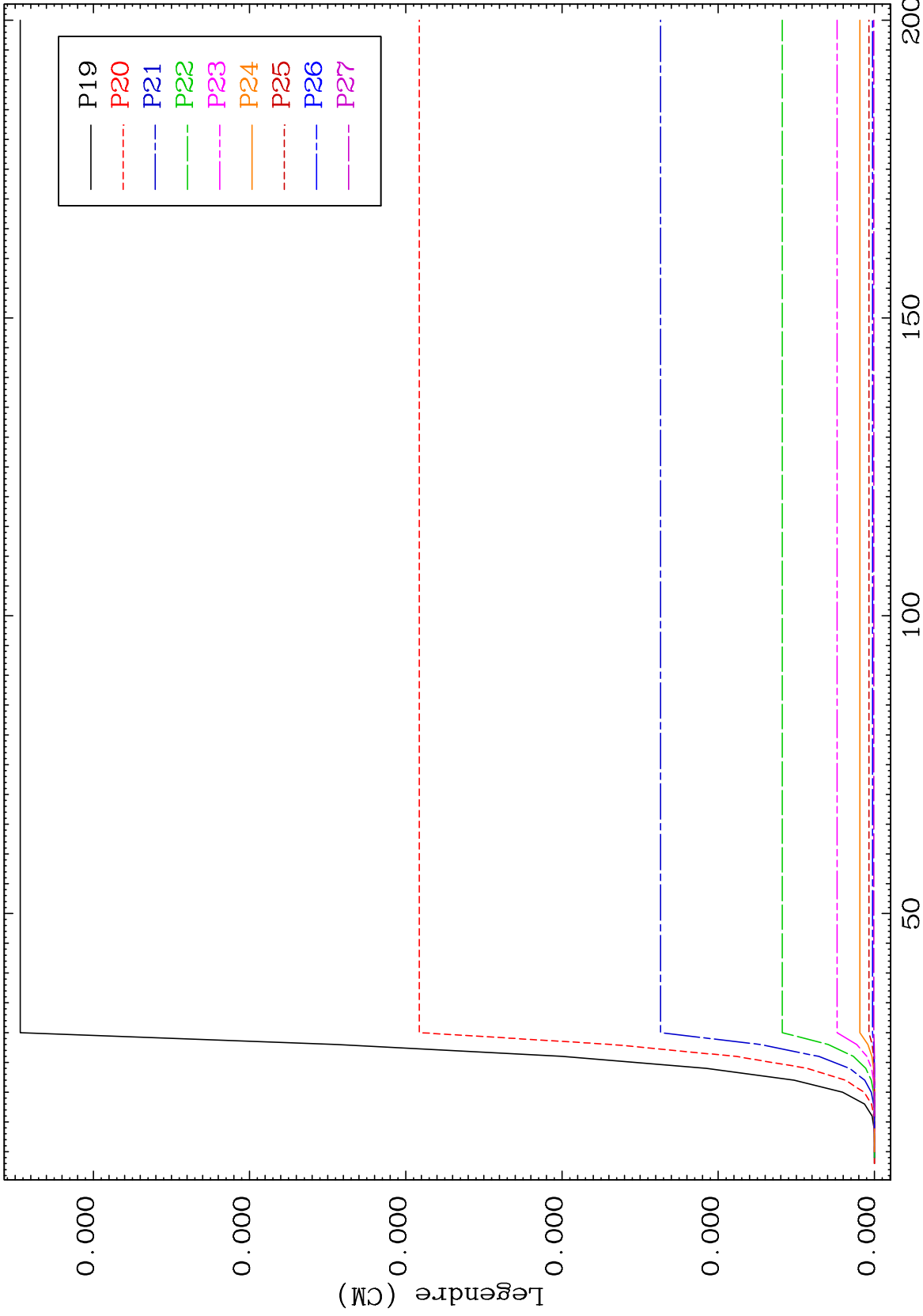


25 Incident Energy (MeV) 50-Sn-112

MAT 5025

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

50-Sn-112



26

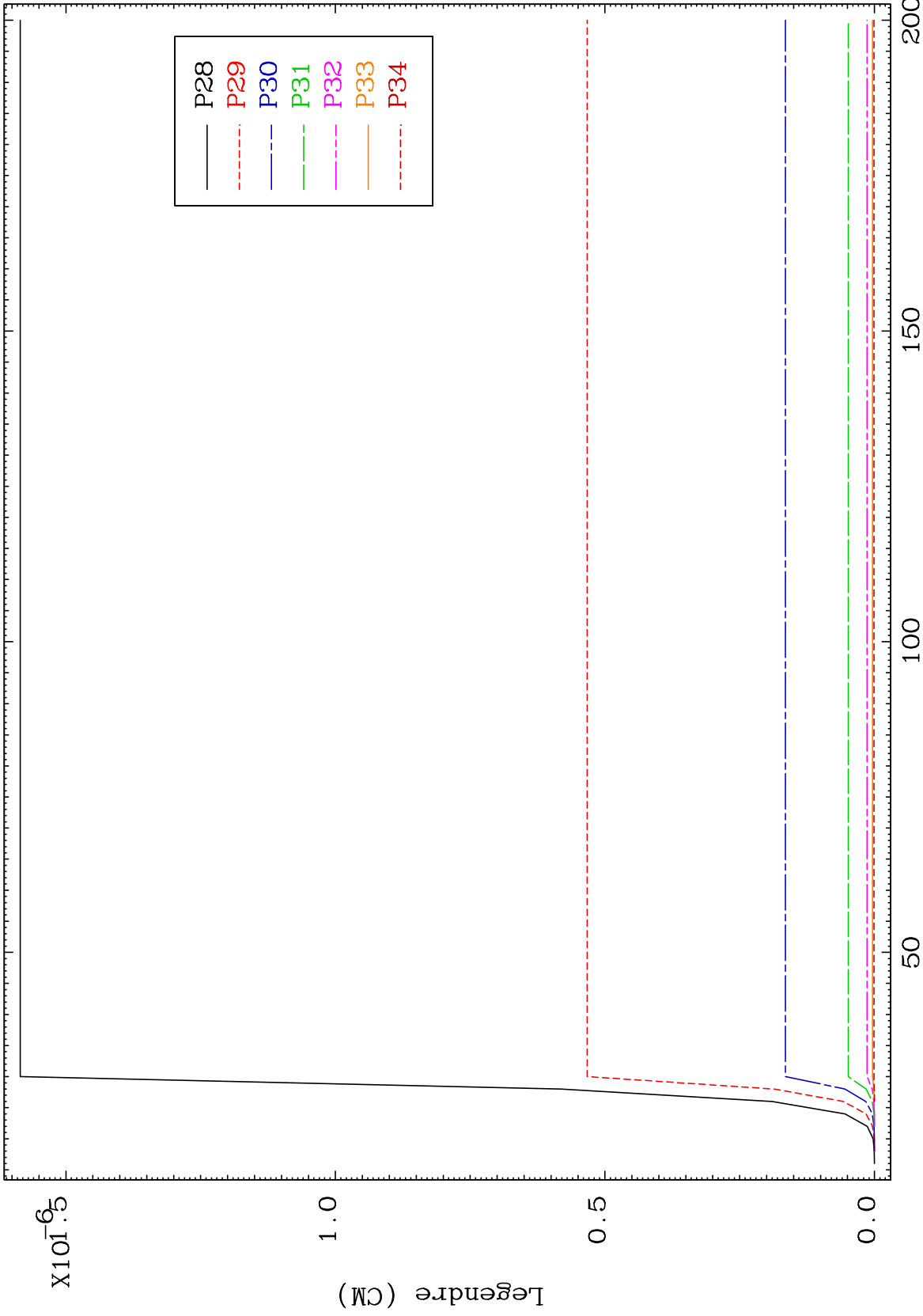
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

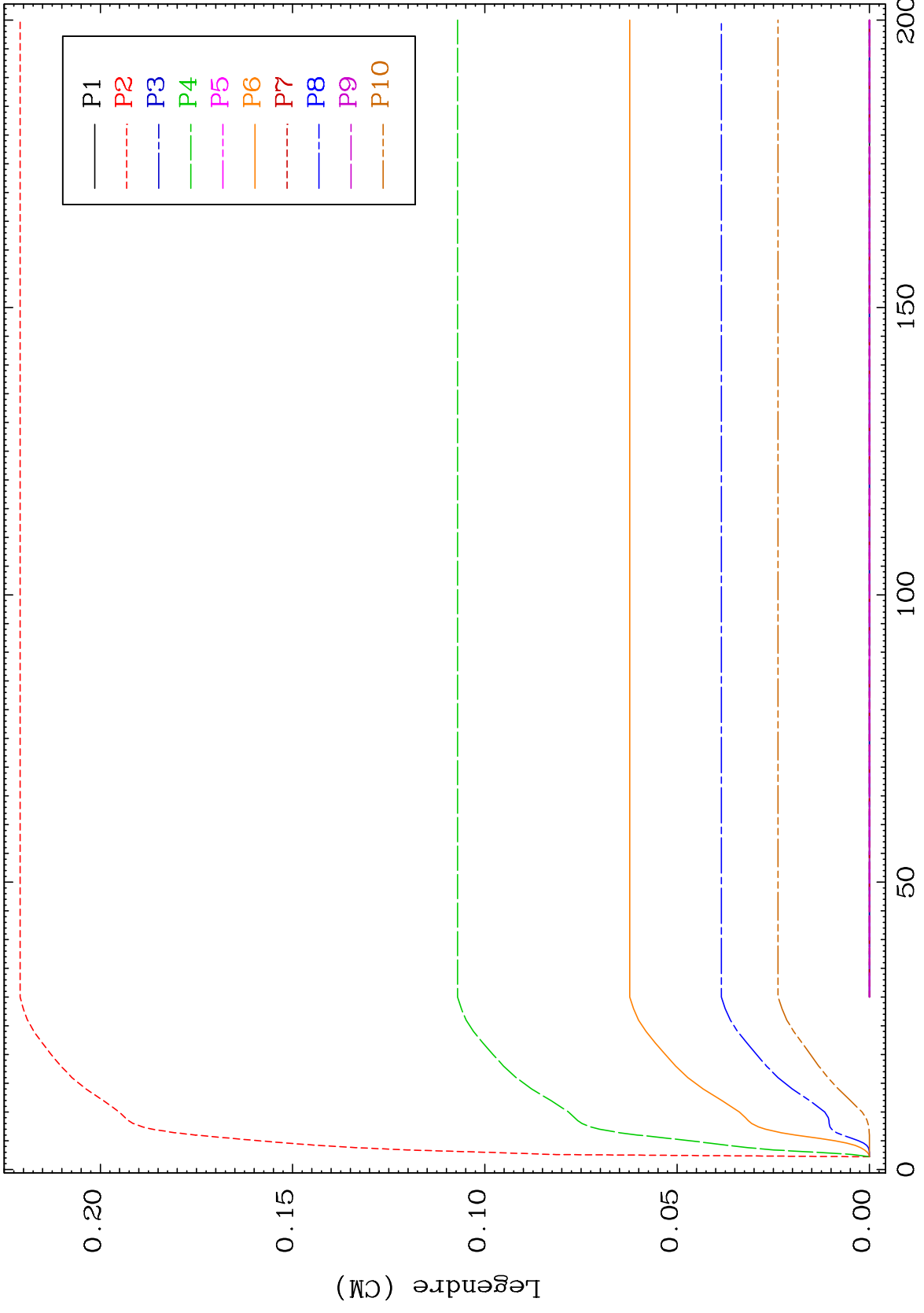


27

Incident Energy (MeV)

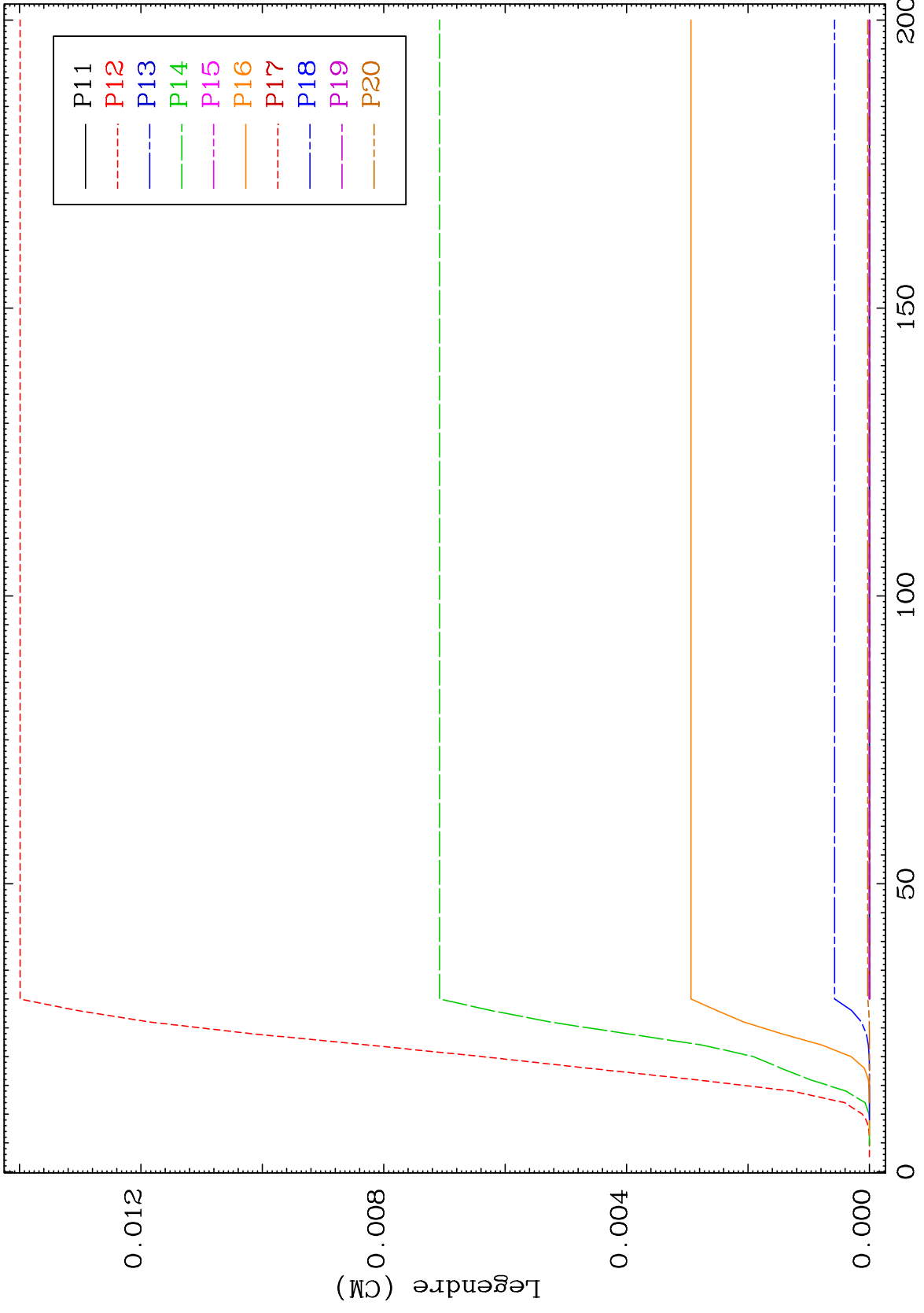
50-Sn-112

MAT 5025 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-112



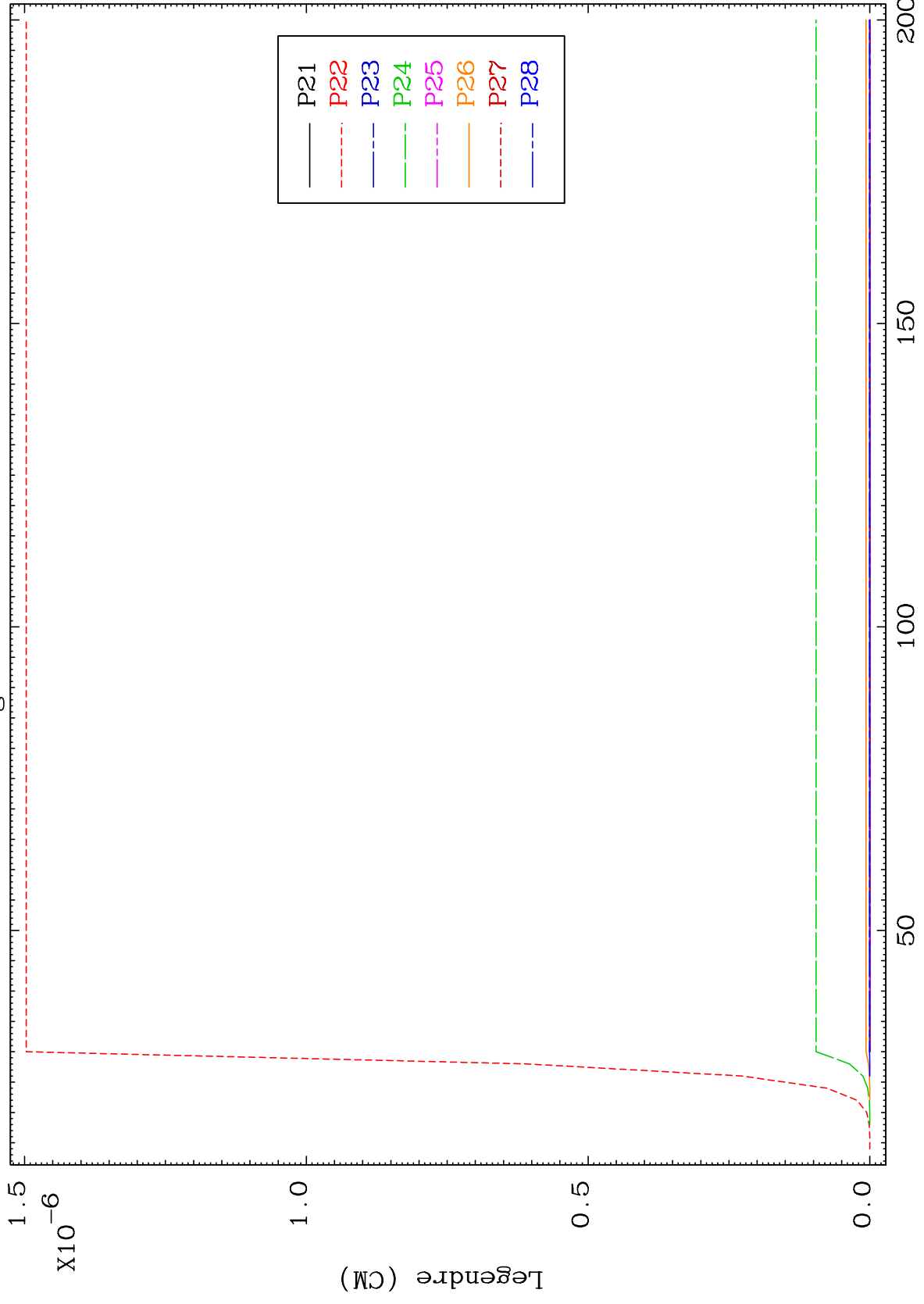
28 50-Sn-112

MAT 5025 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-112



29 50-Sn-112

MAT 5025 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-112

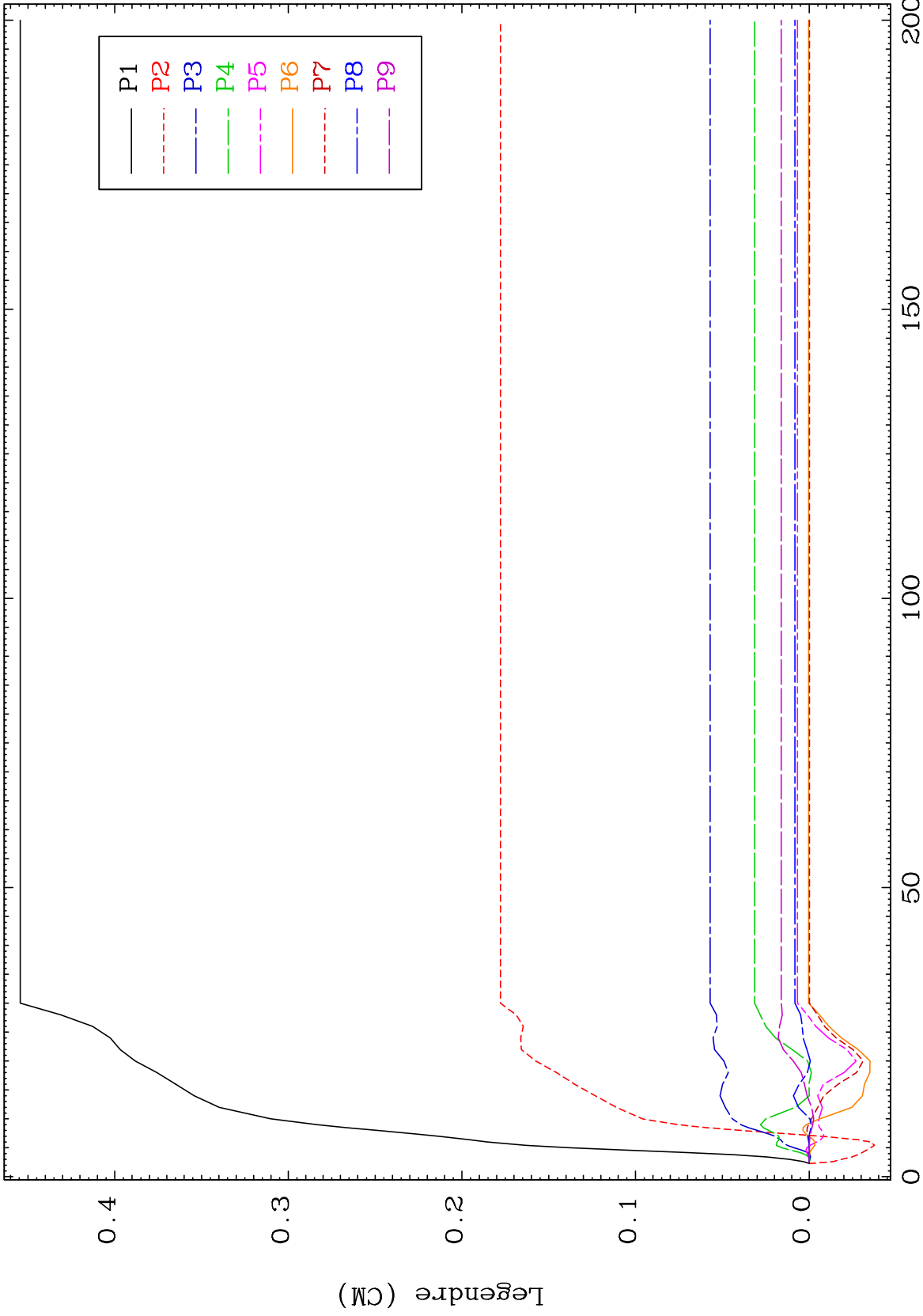


50-Sn-112

MAT 5025

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

50-Sn-112



31

Incident Energy (MeV)

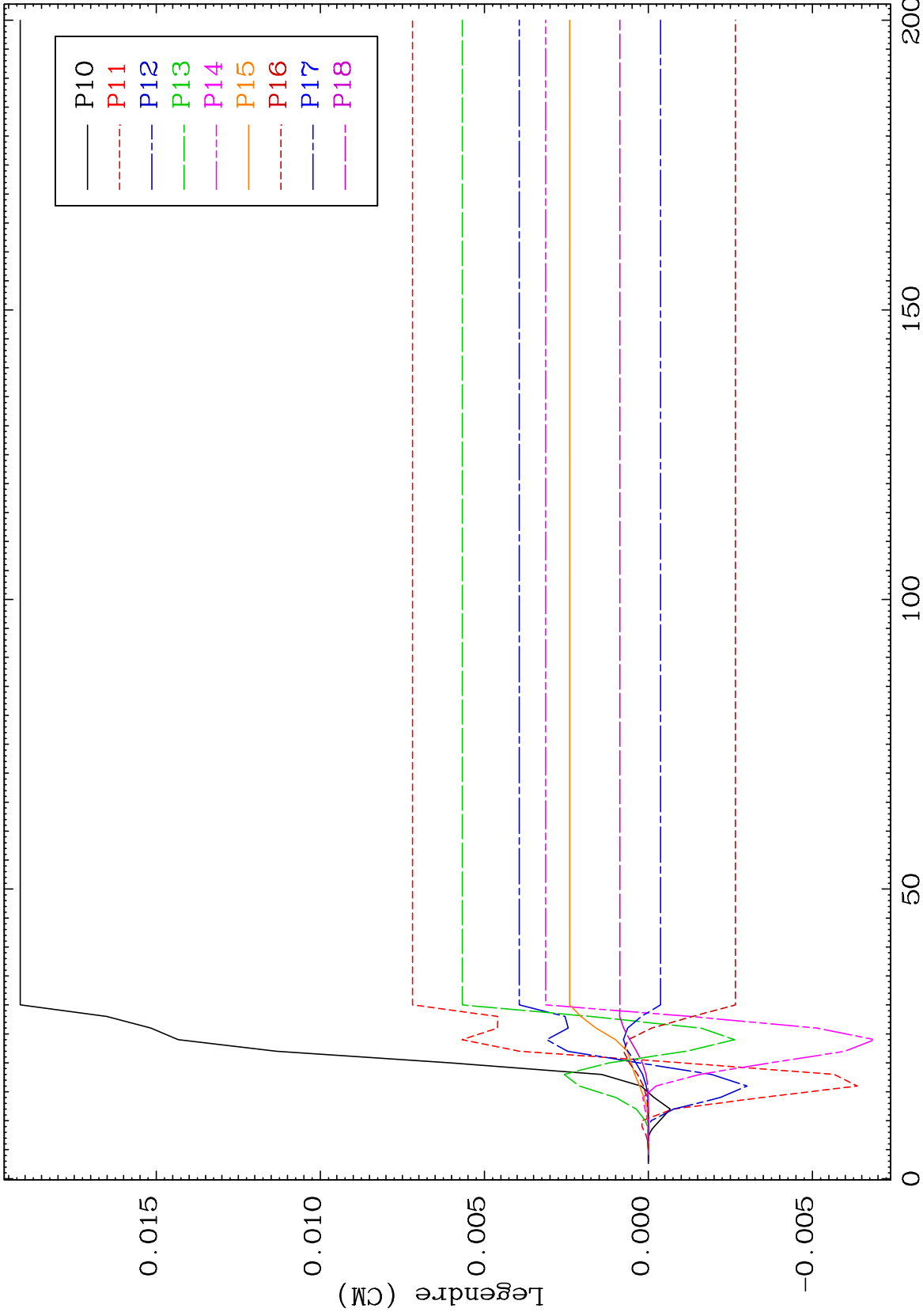
50-Sn-112



MAT 5025

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

50-Sn-112



32

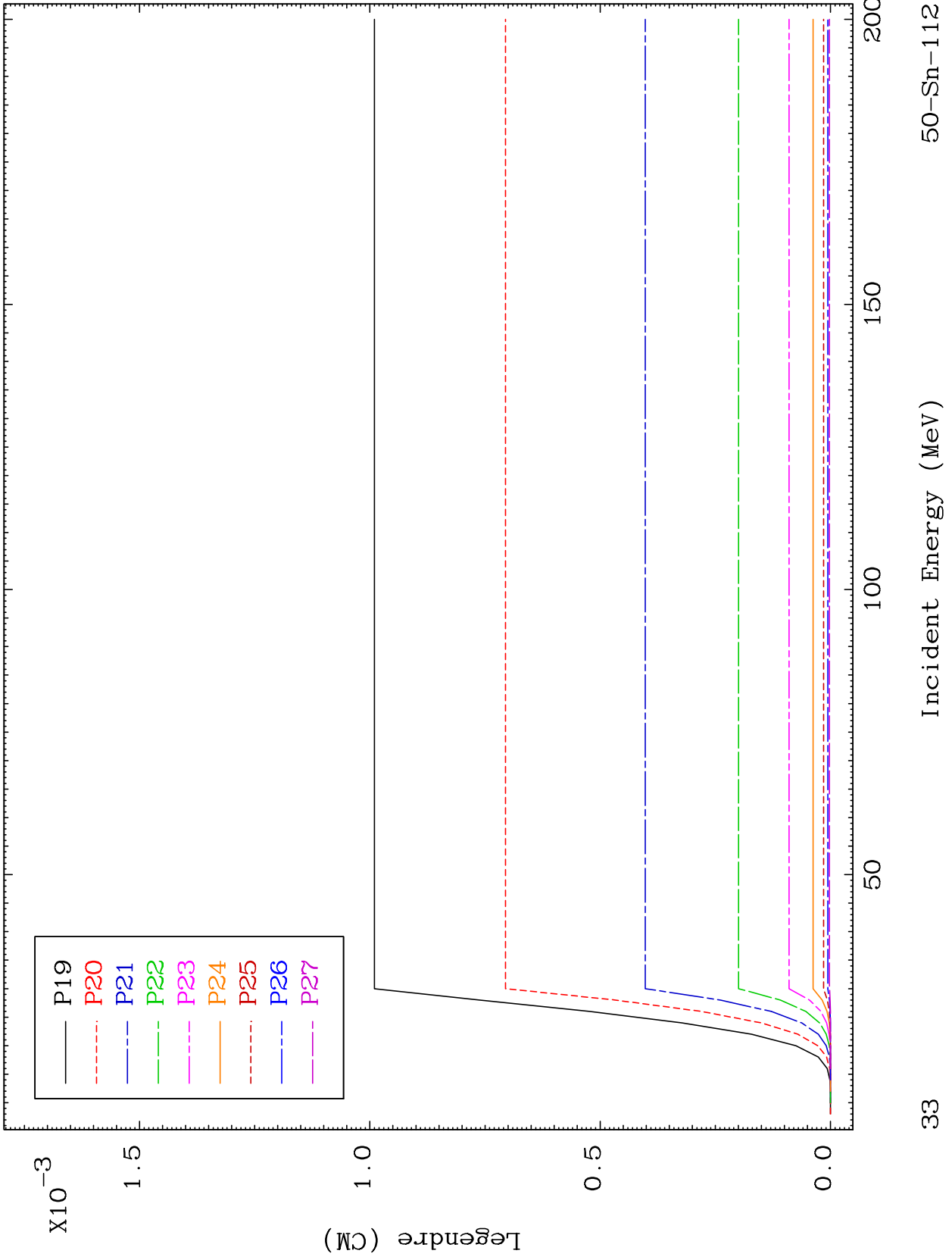
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

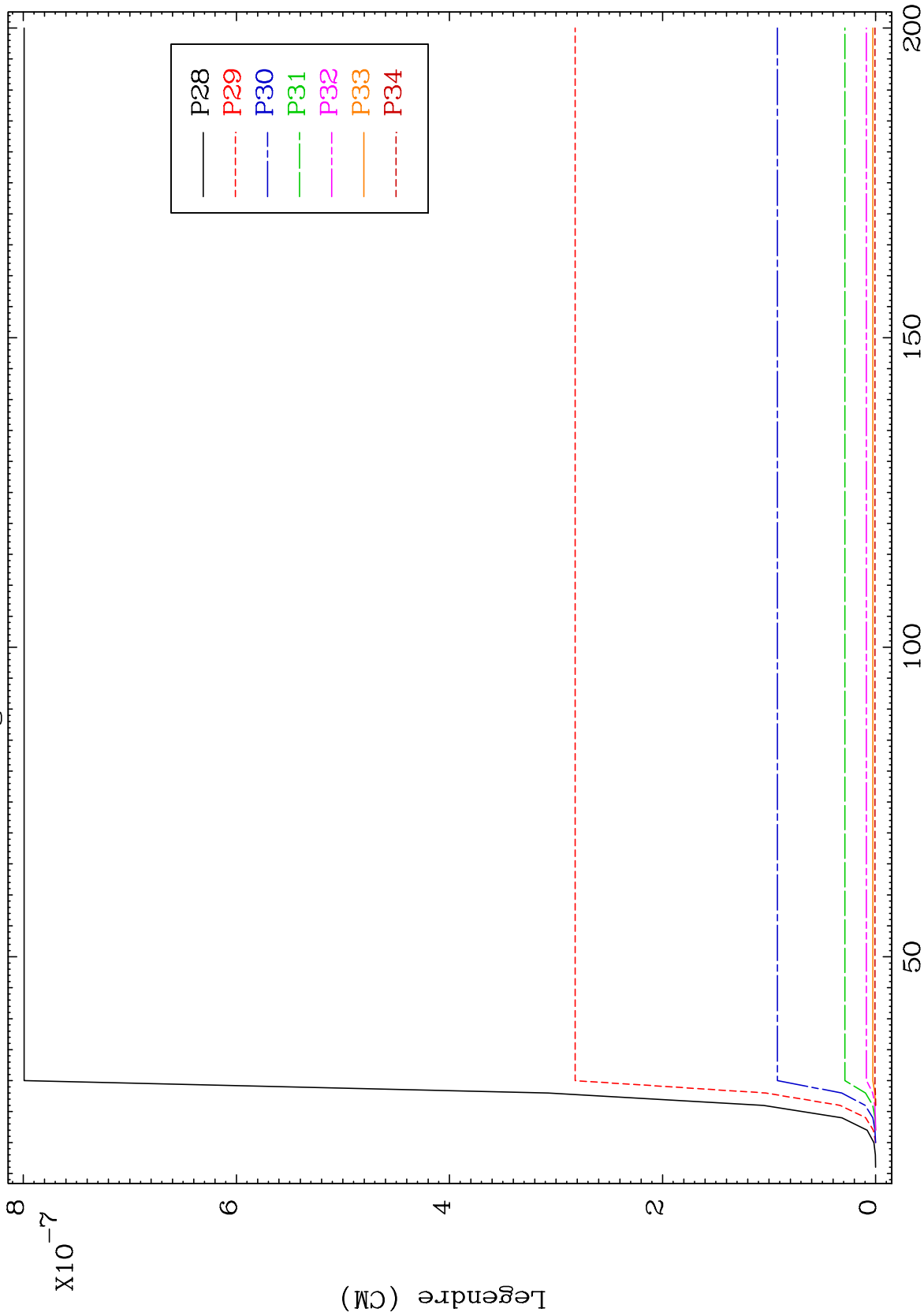
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MAT 5025

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

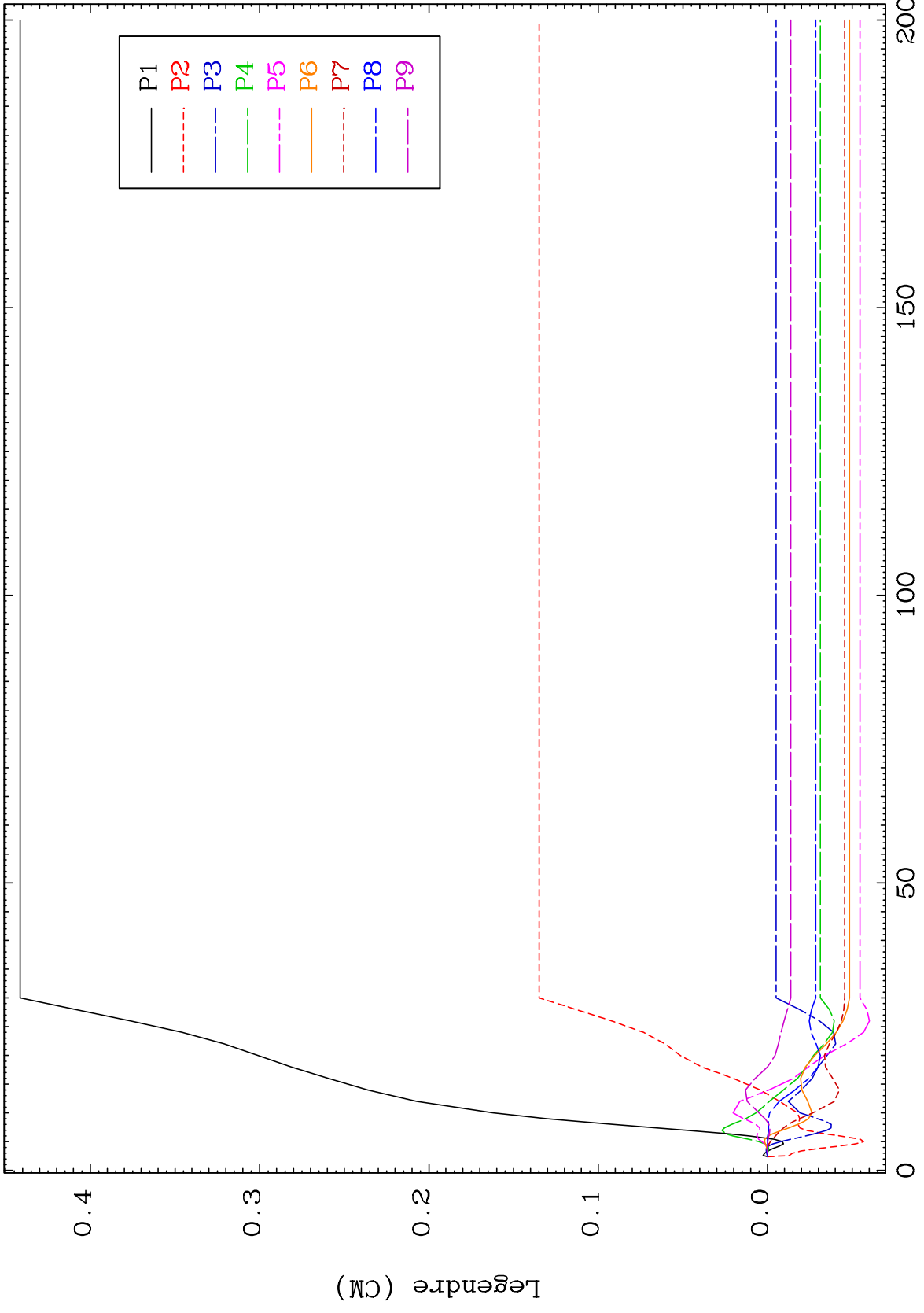
50-Sn-112



34

50-Sn-112

MAT 5025 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-112

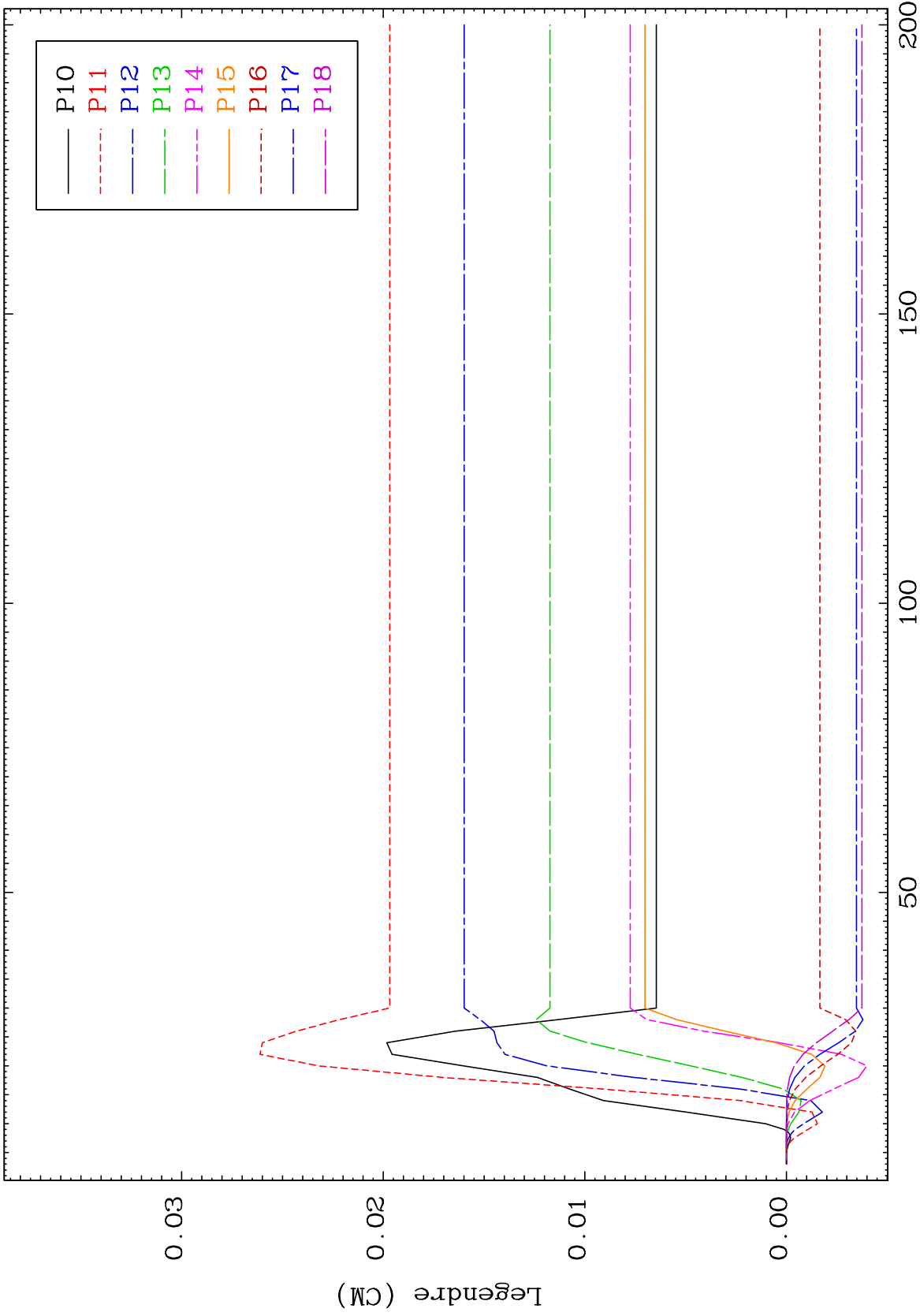


Legendre (CM) Incident Energy (MeV) 50-Sn-112

MAT 5025

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

50-Sn-112



36

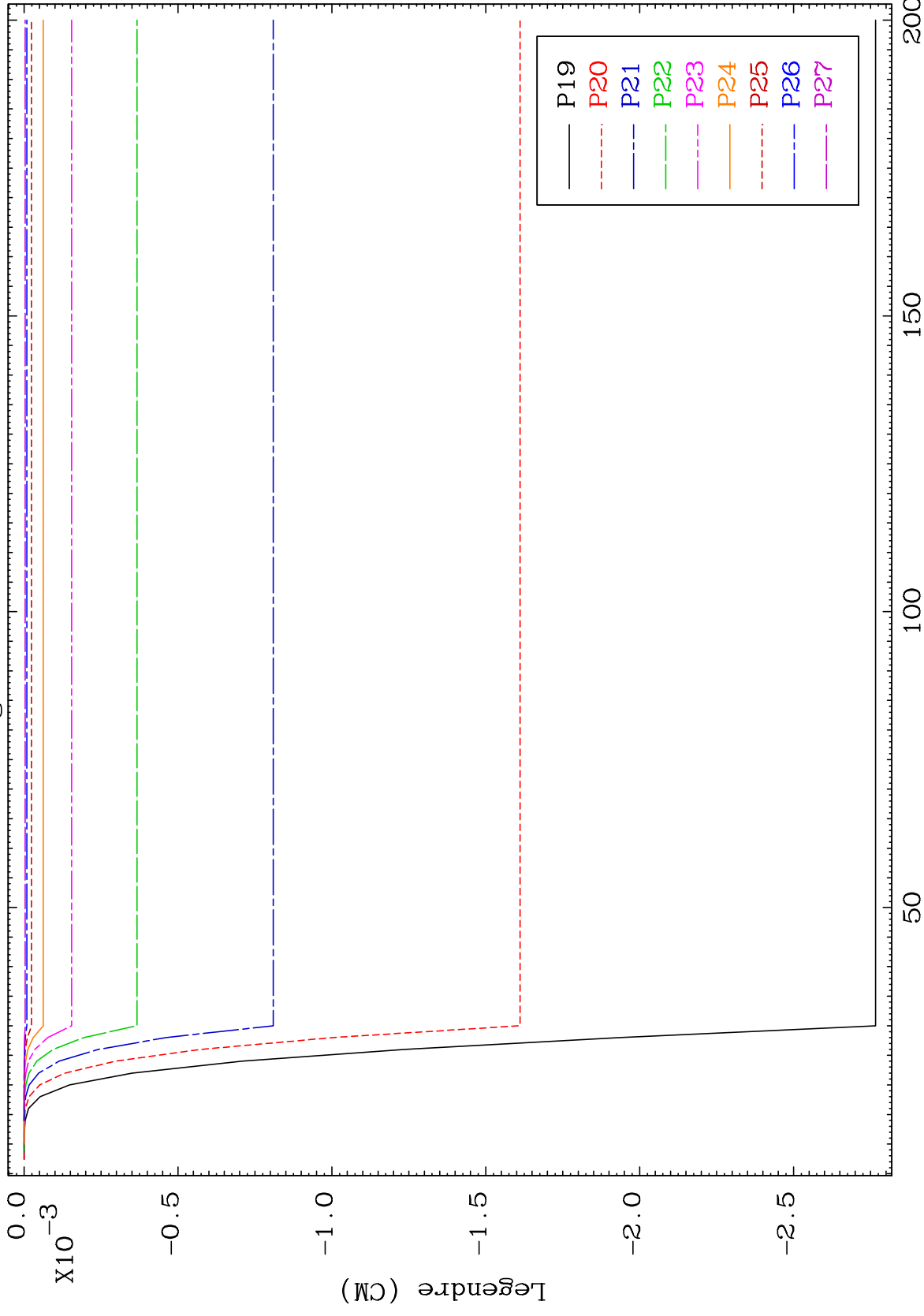
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



50-Sn-112

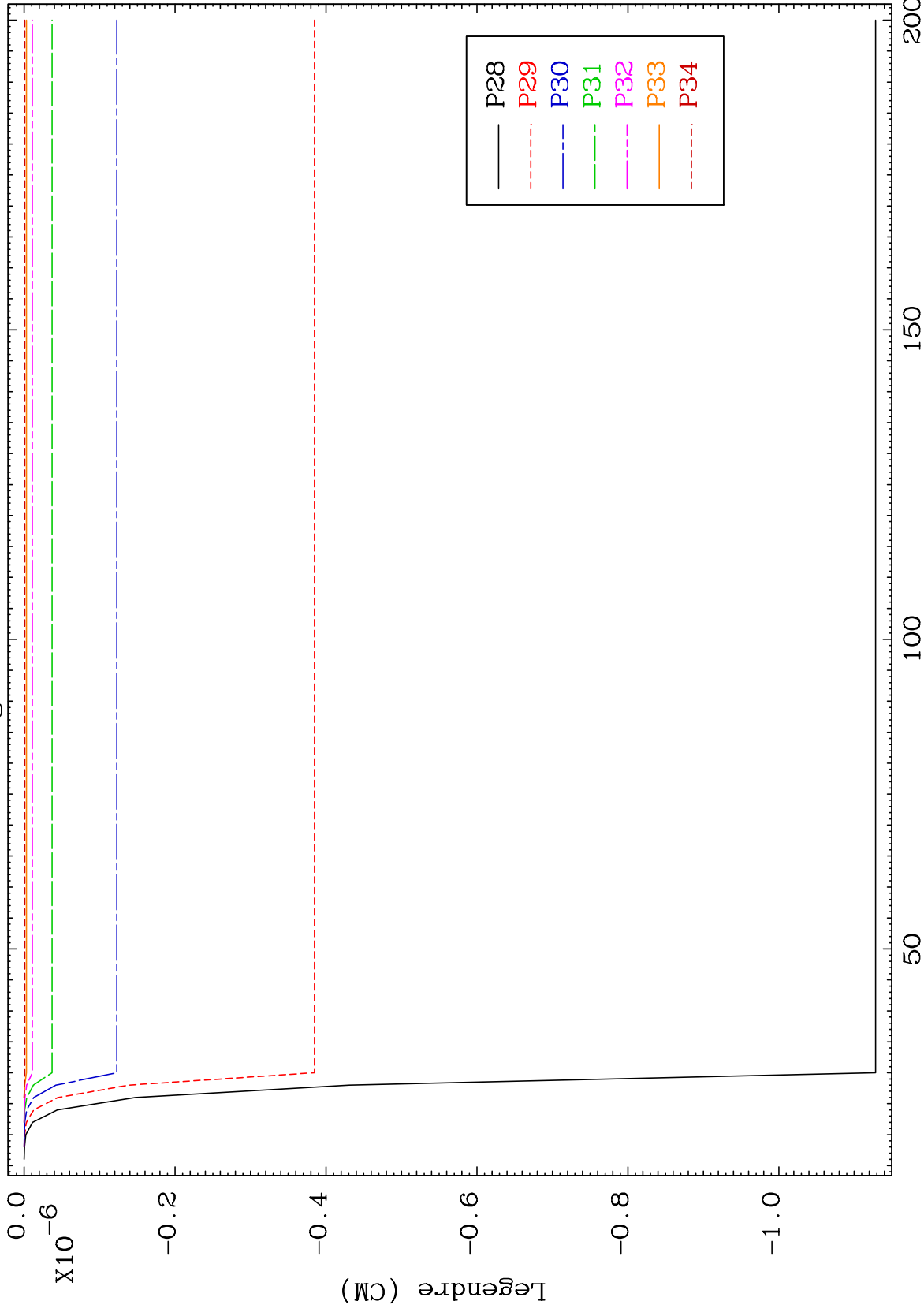
Incident Energy (MeV)

37

MAT 5025

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

50-Sn-112



50-Sn-112

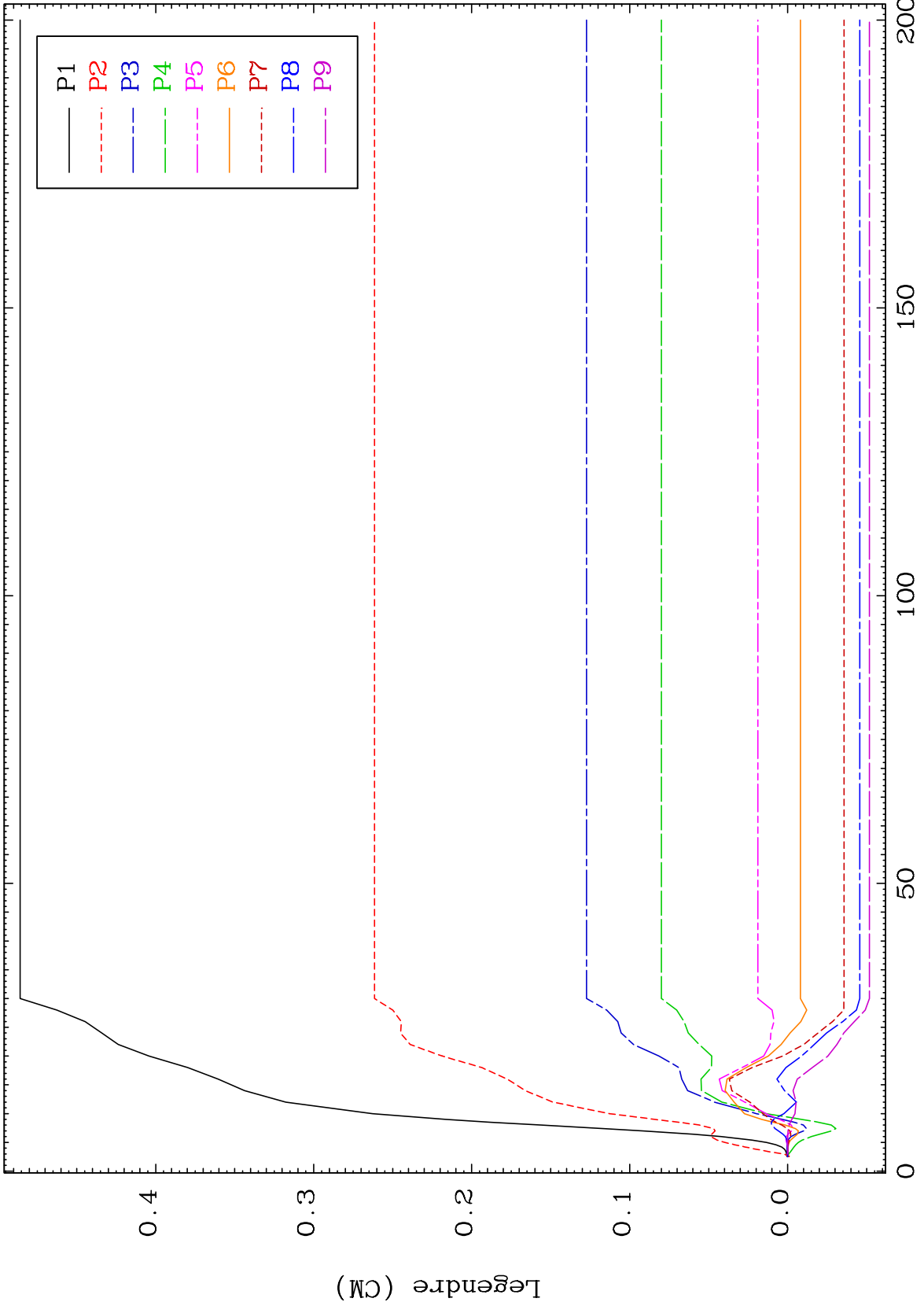
Incident Energy (MeV)

38

MAT 5025

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

50-Sn-112



39

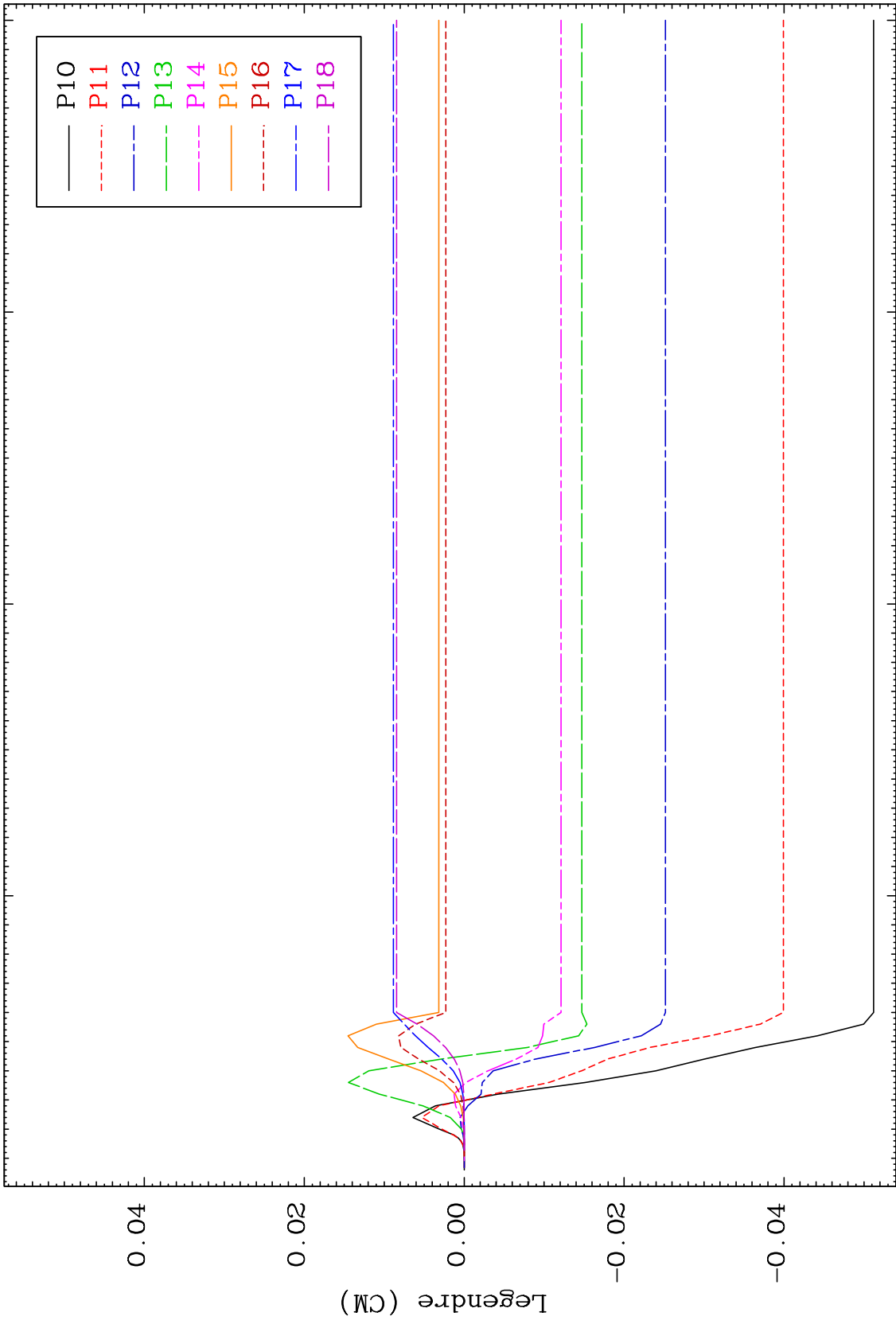
50-Sn-112



MAT 5025

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

50-Sn-112



40

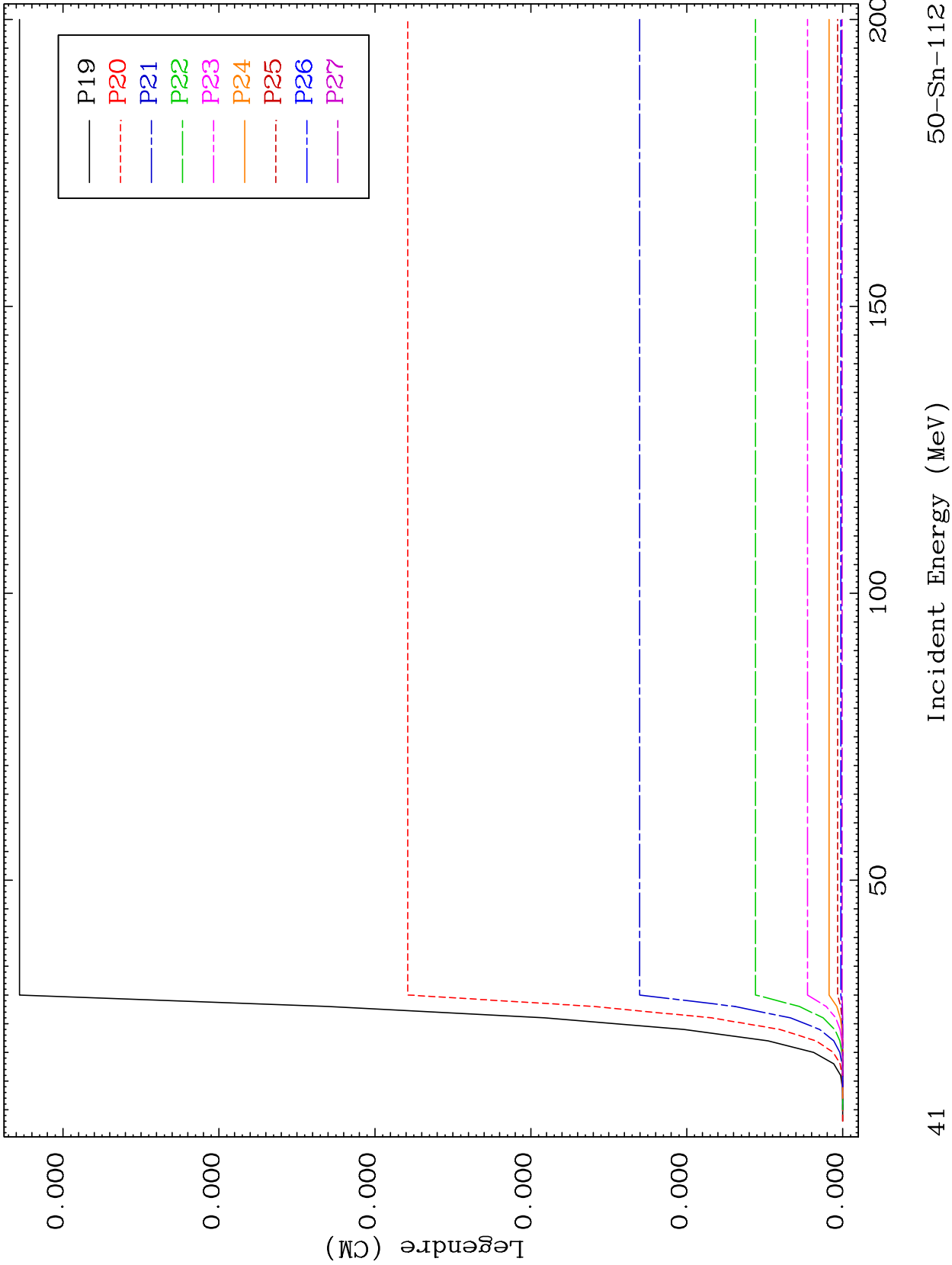
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

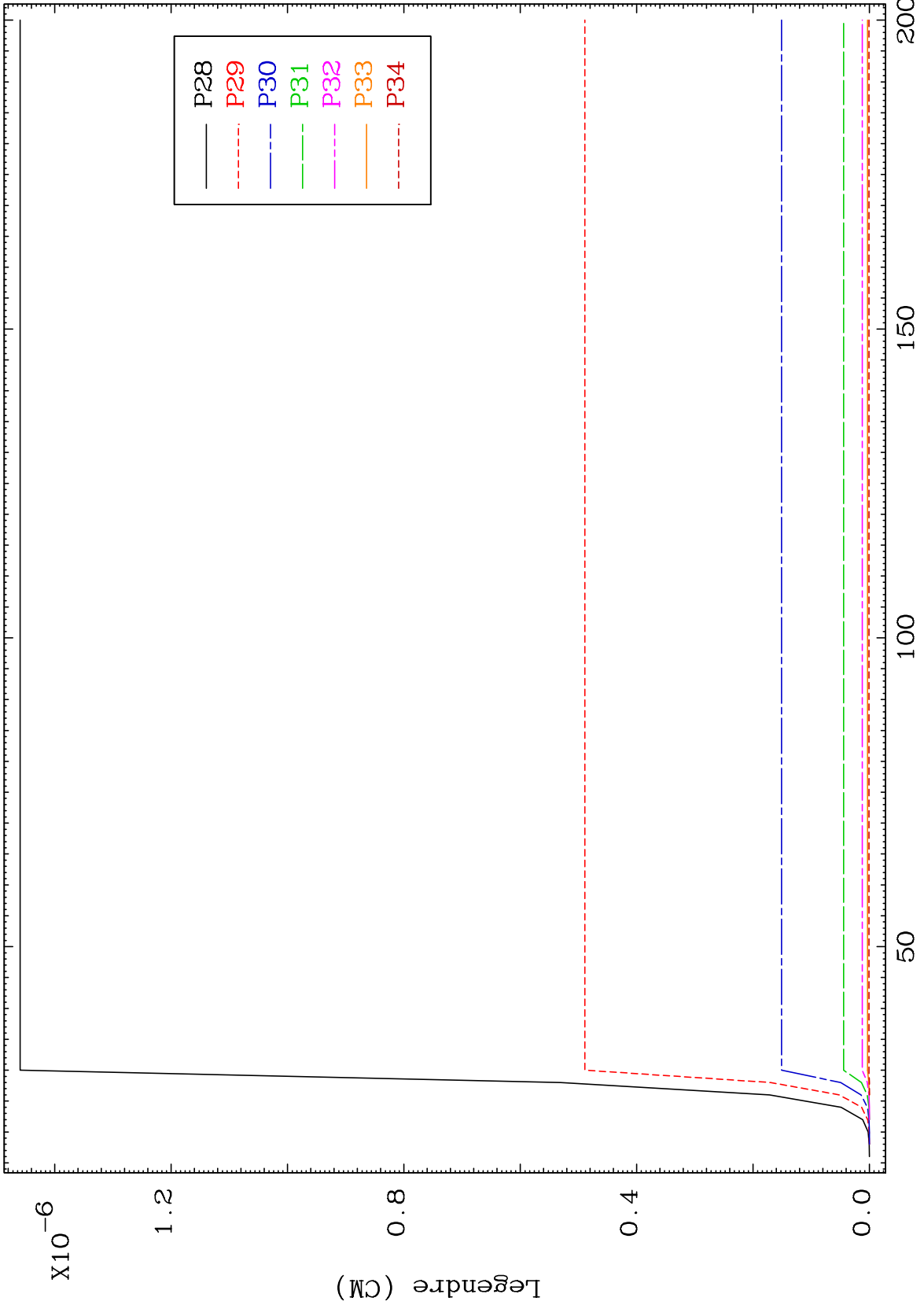
50-Sn-112



MAT 5025

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

50-Sn-112



42

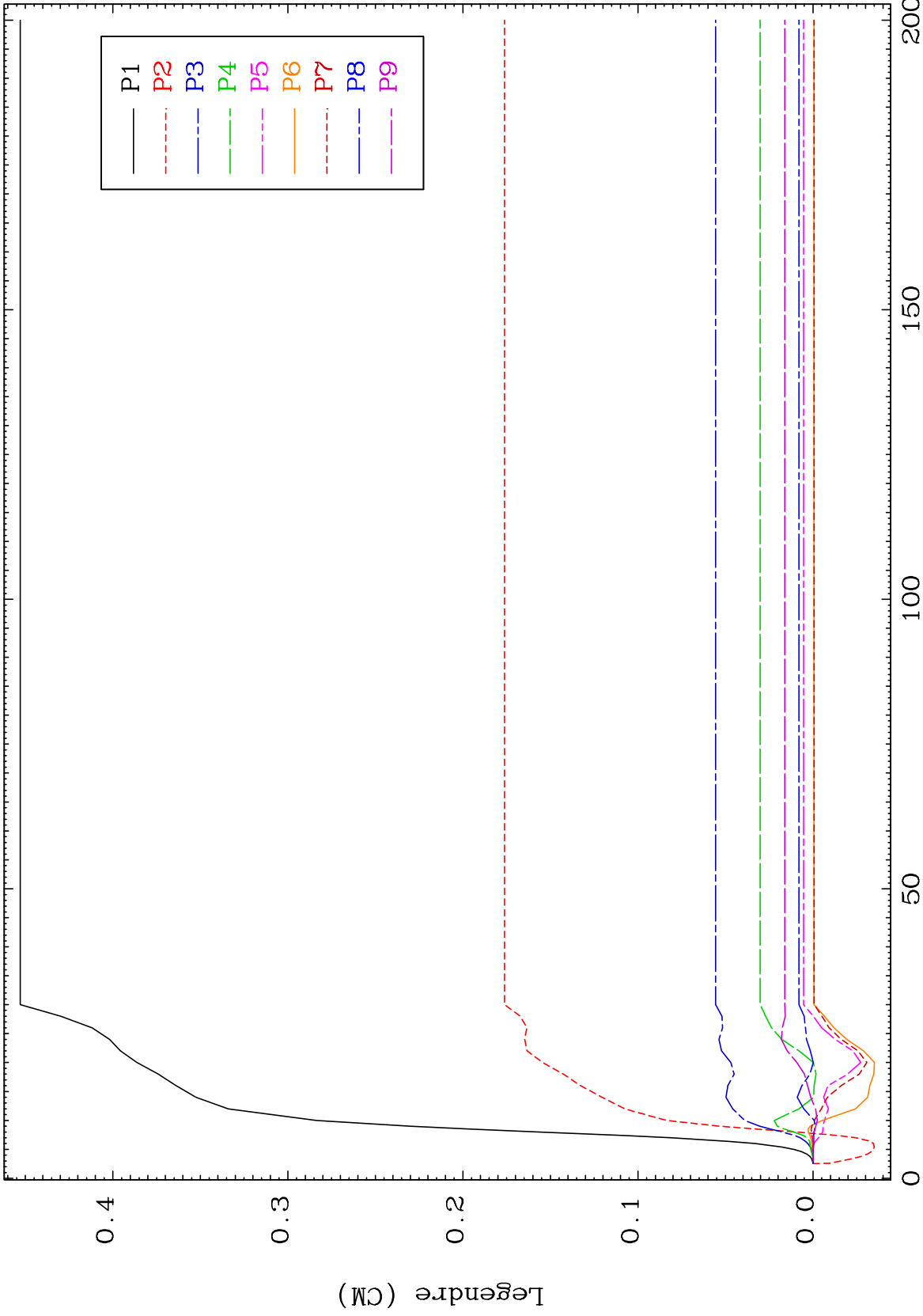
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



43

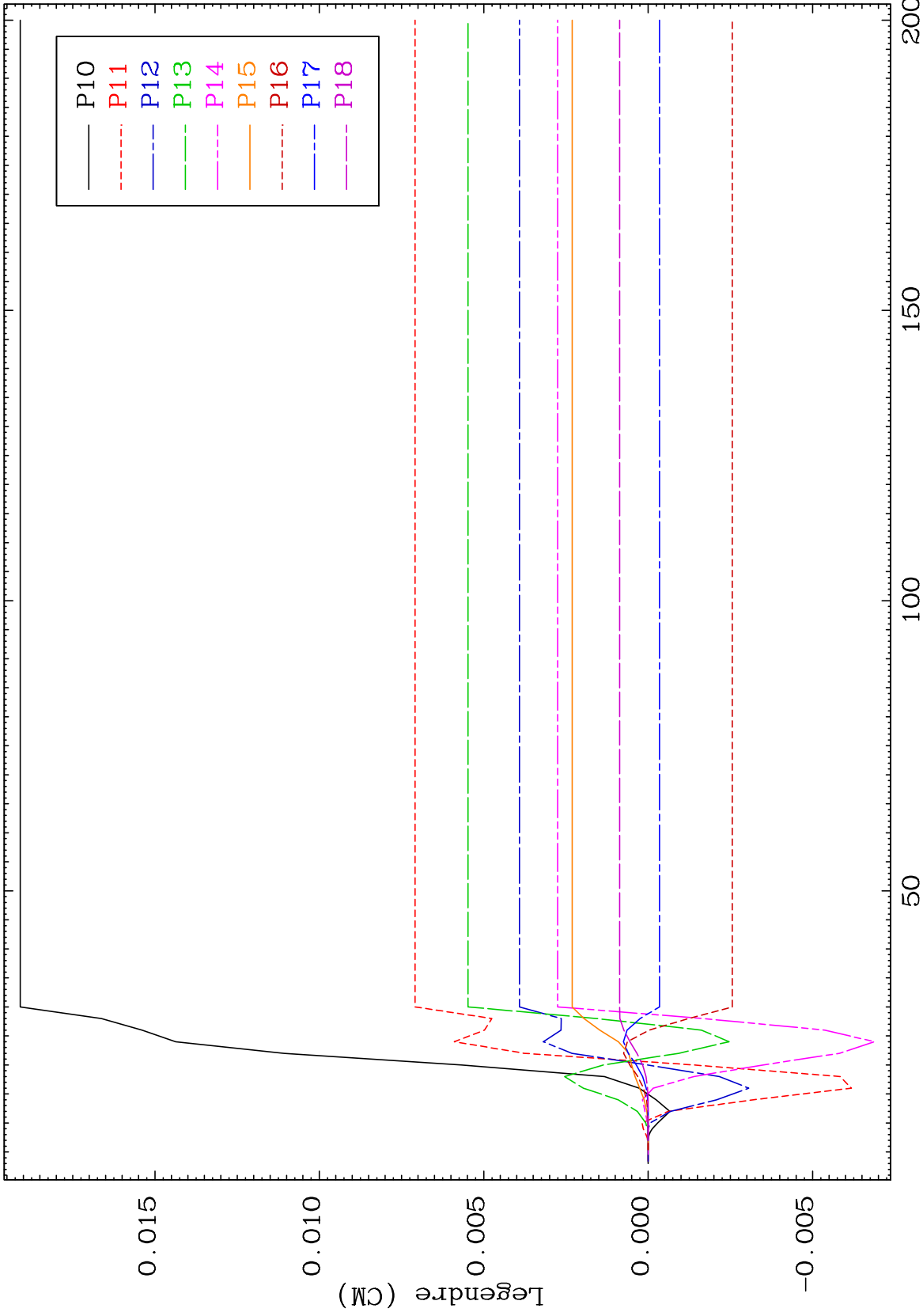
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



44

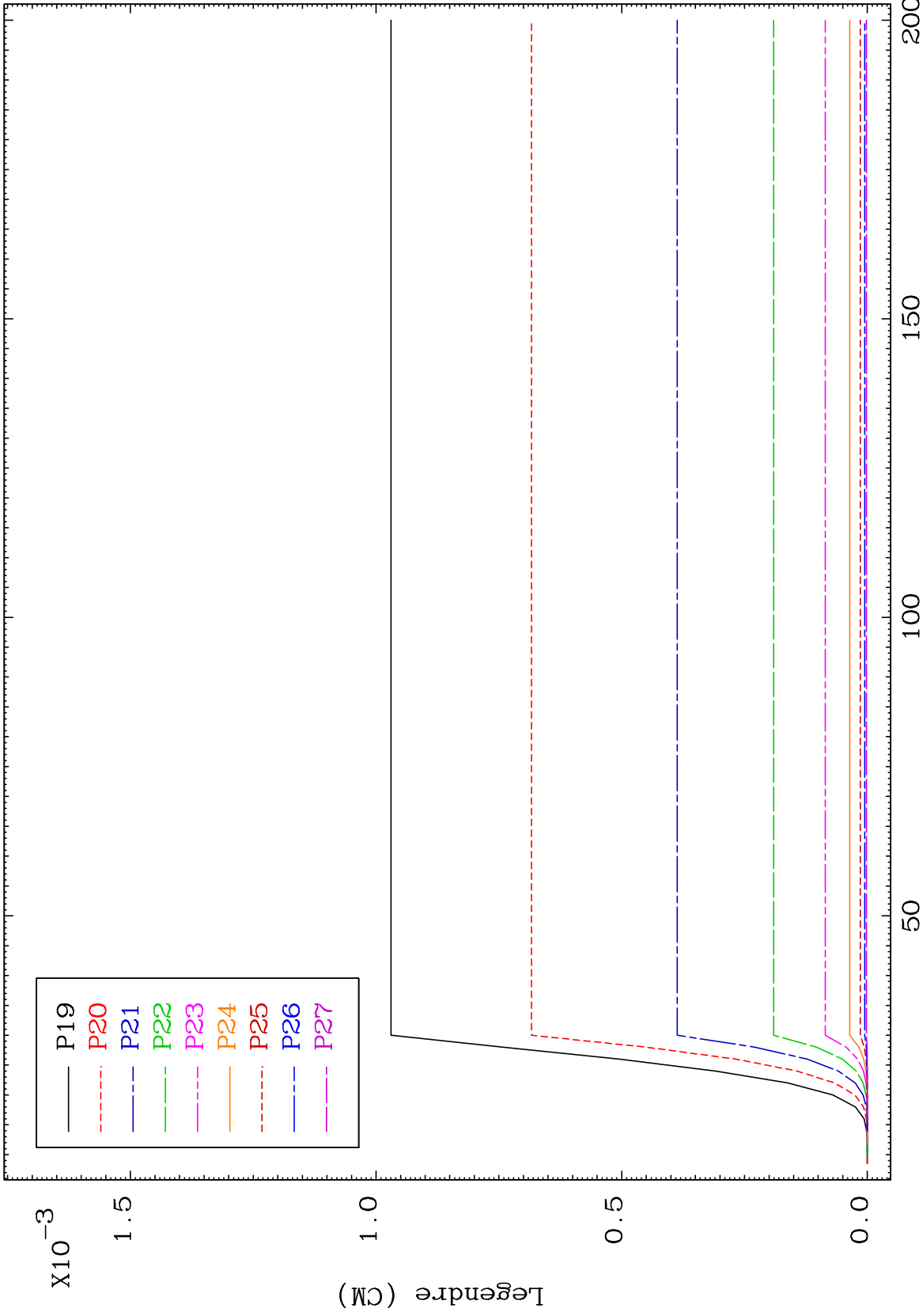
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



45

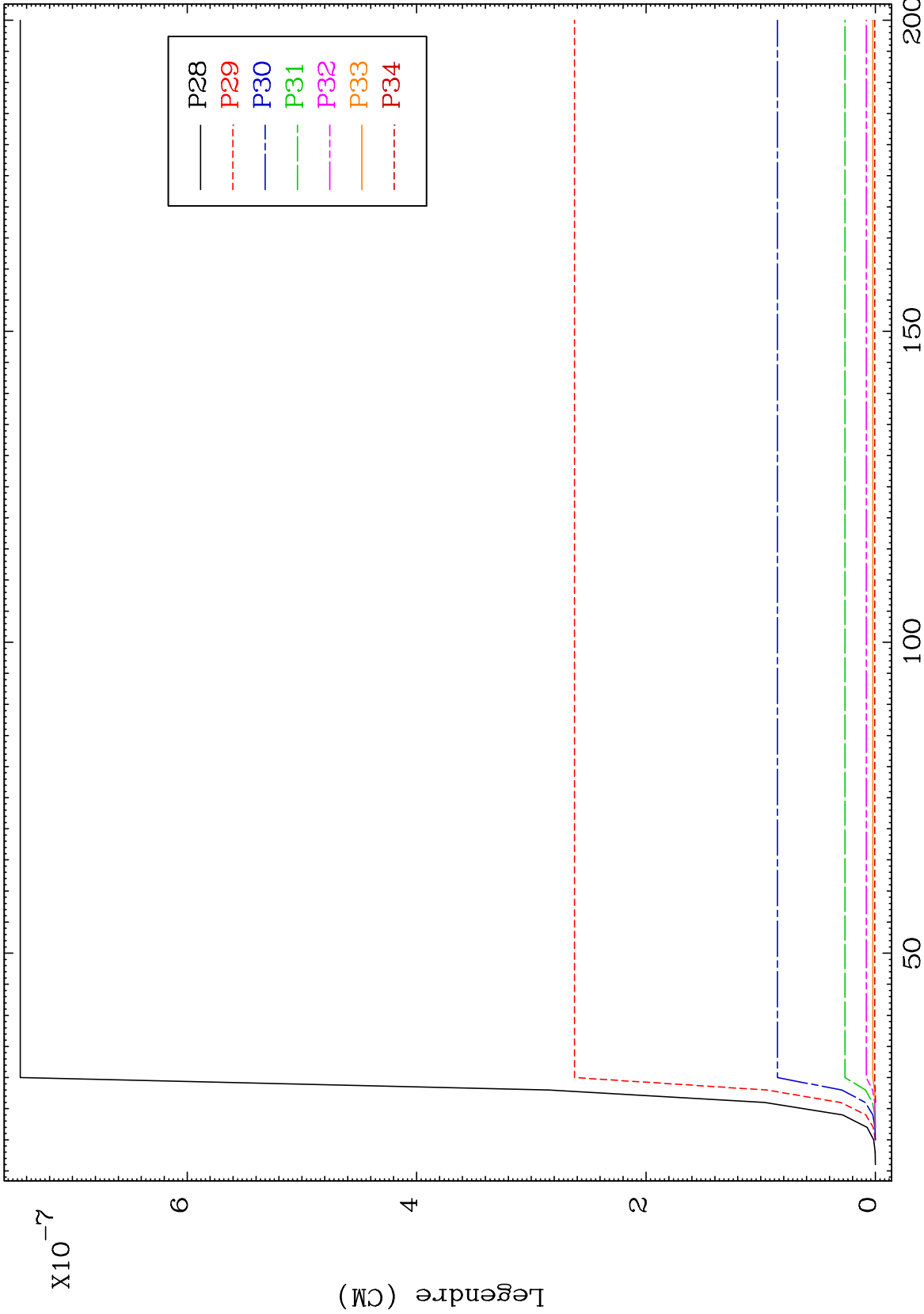
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

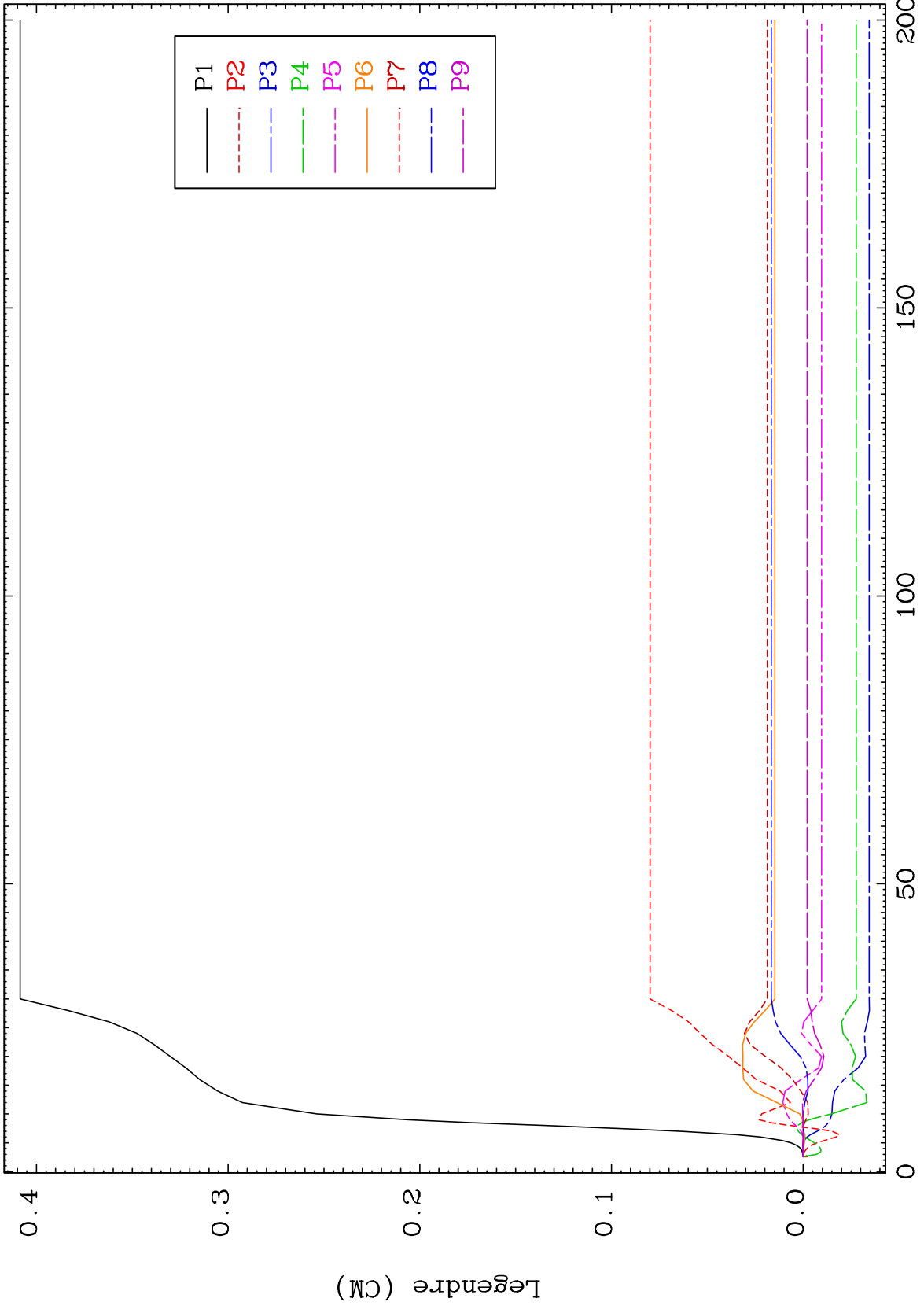


46

Incident Energy (MeV)

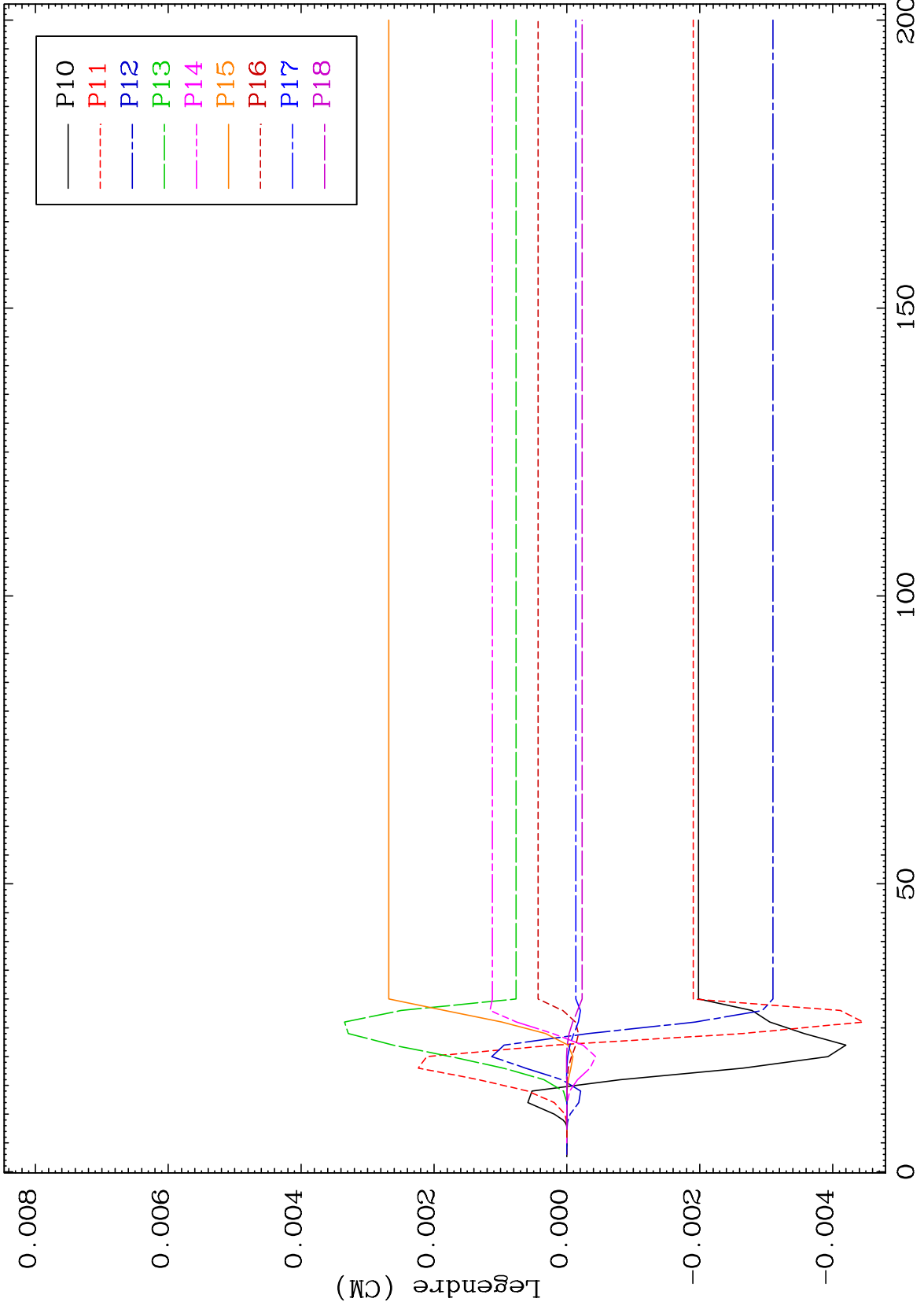
50-Sn-112

MAT 5025 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-112





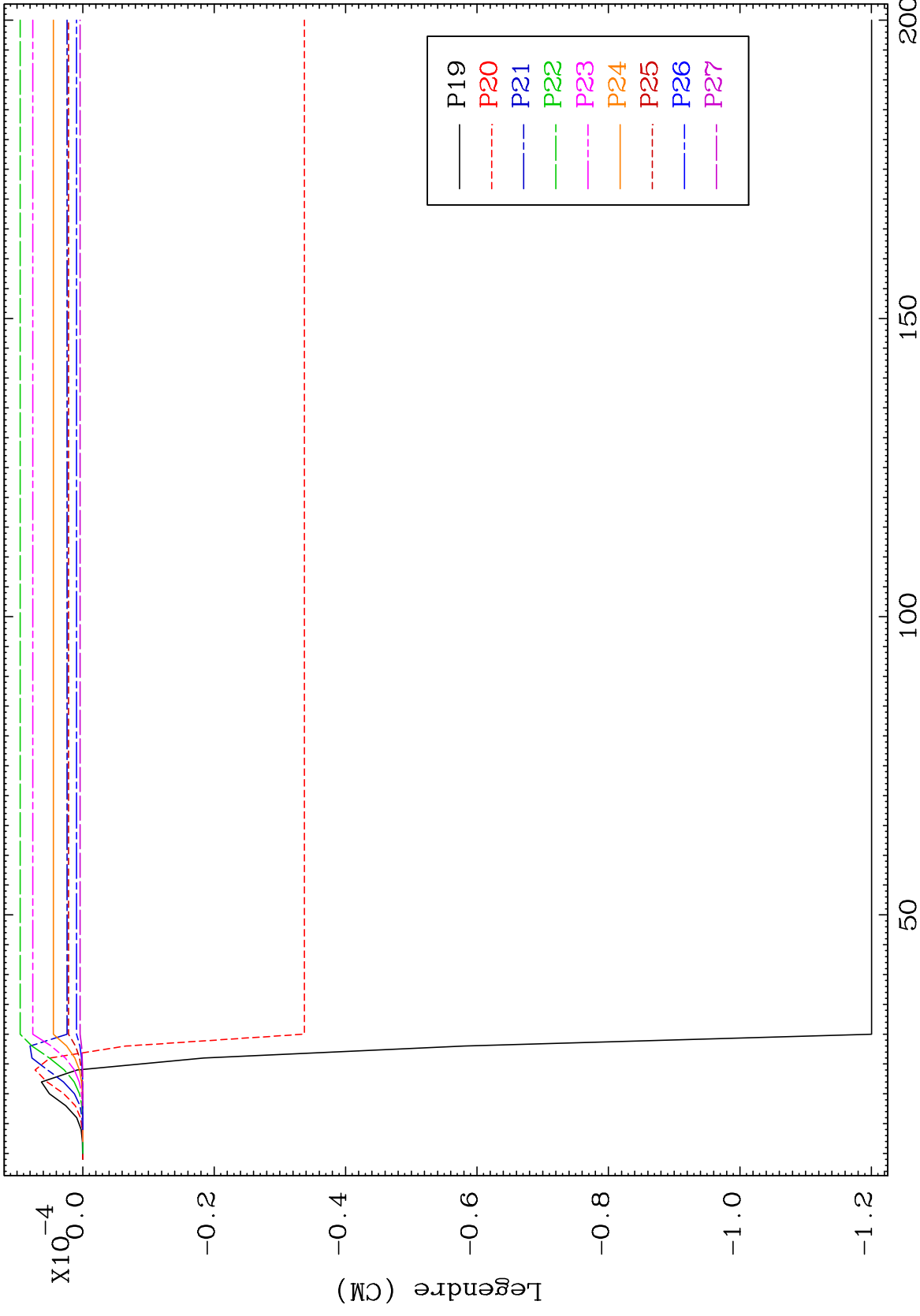
MAT 5025 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112

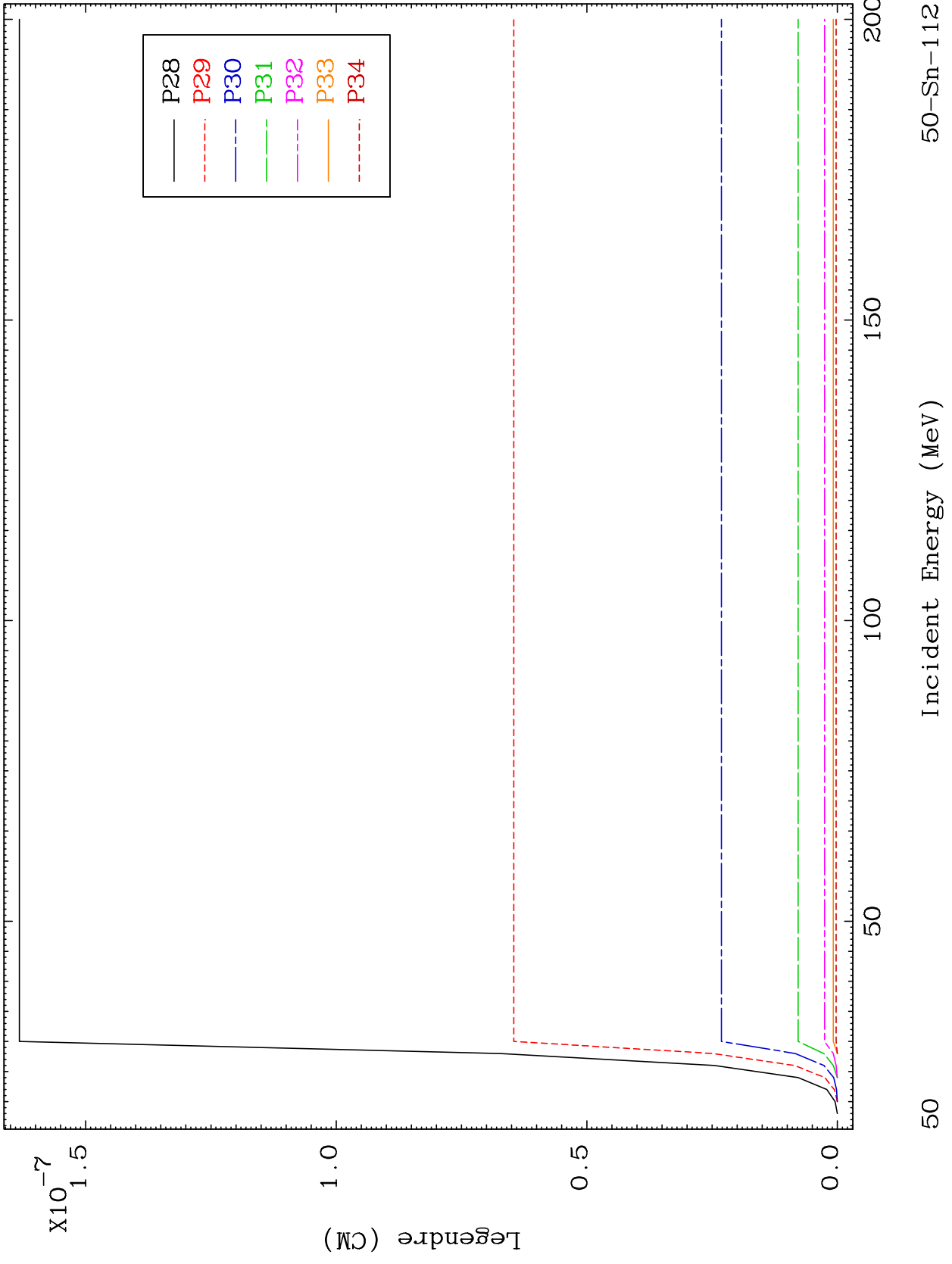


49

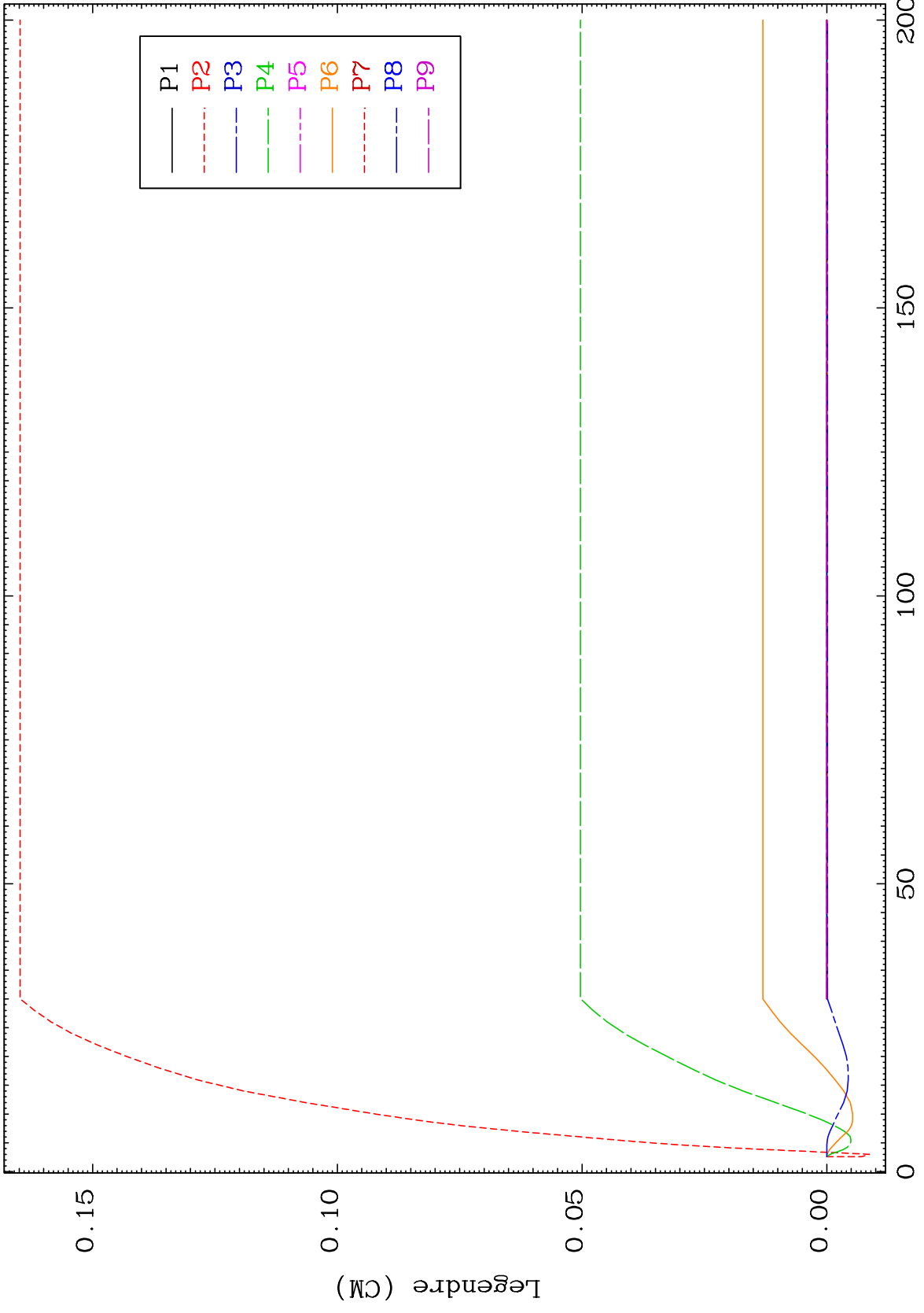
Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-112

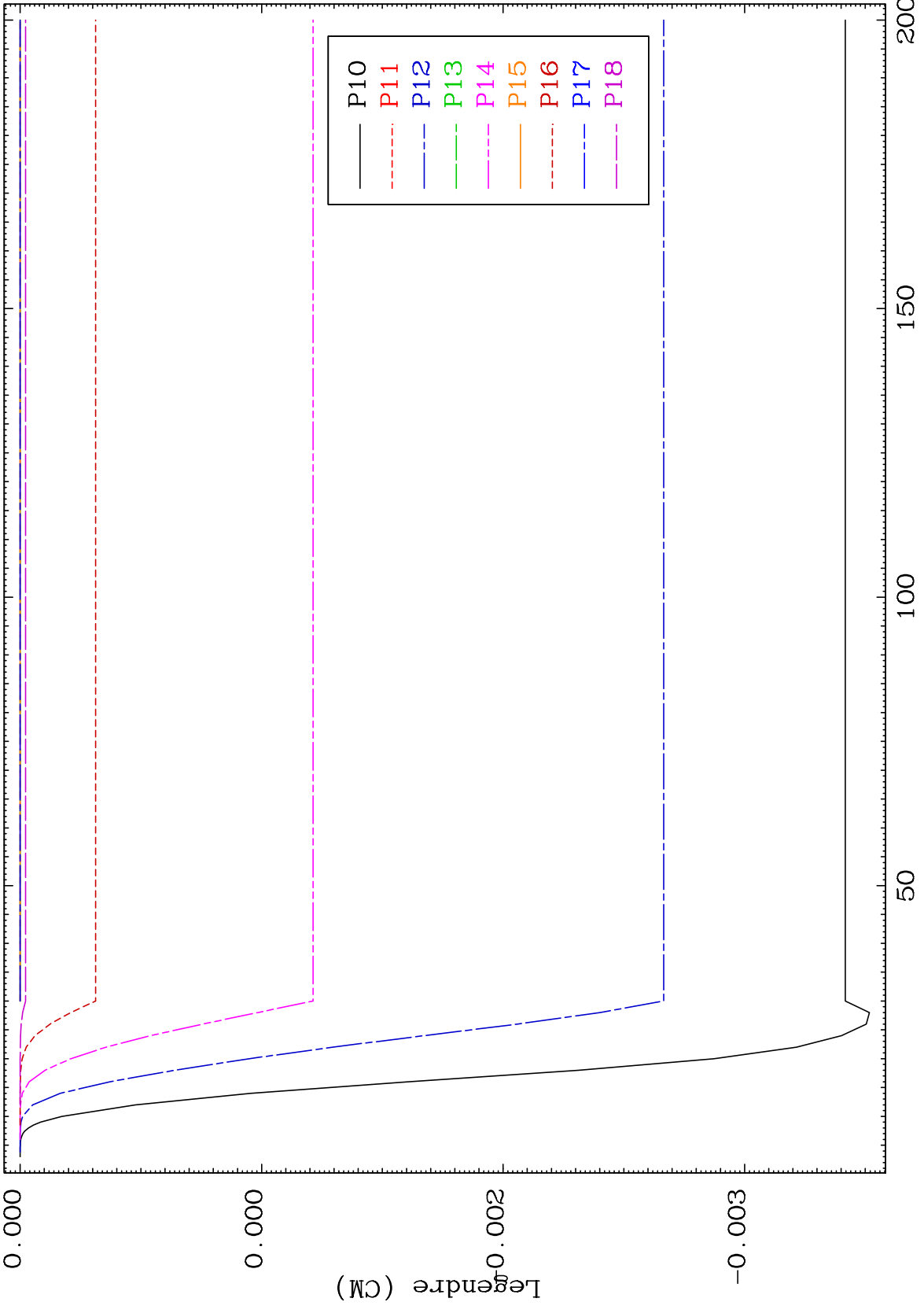


MAT 5025 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-112



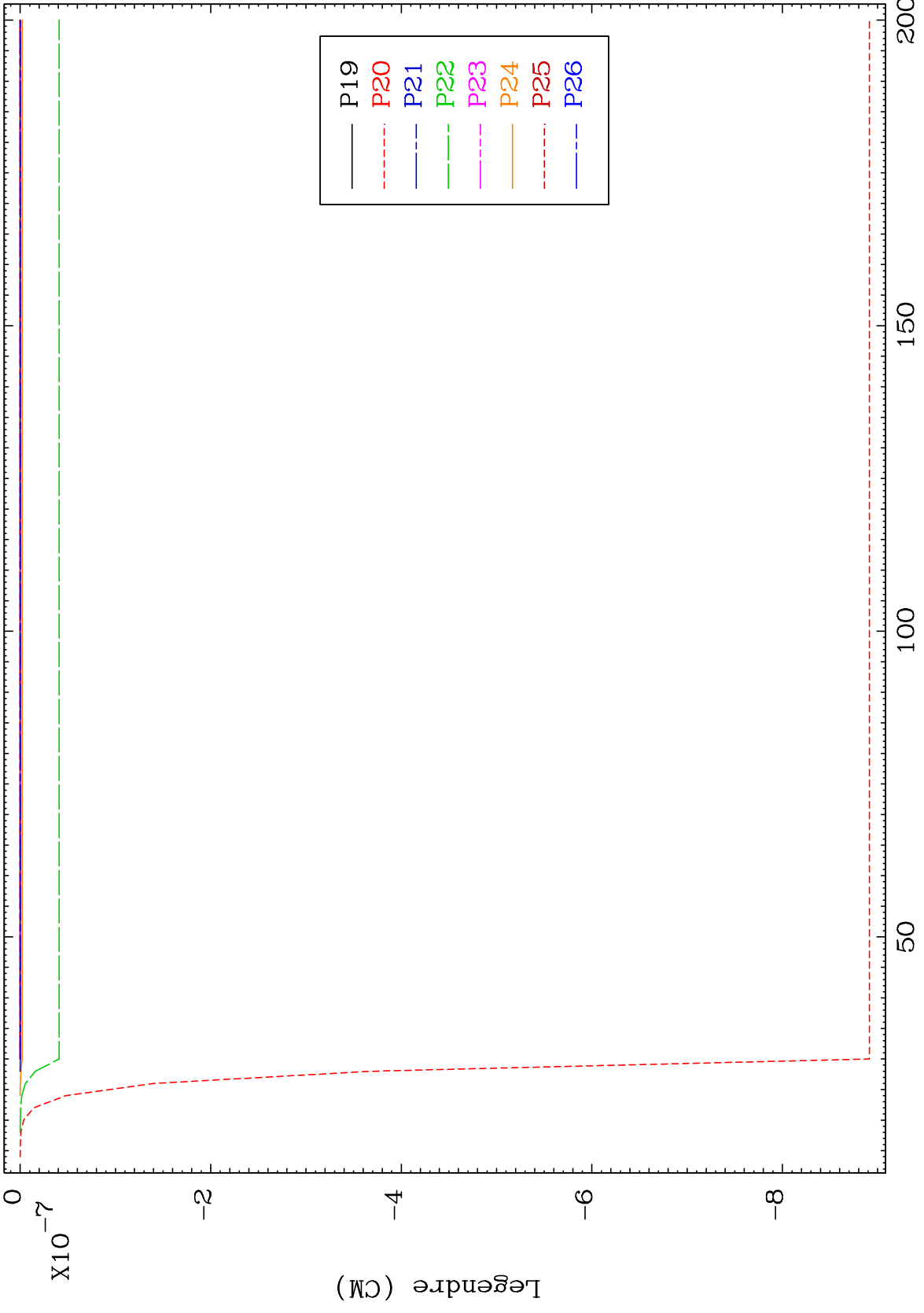
51 Incident Energy (MeV) 50-Sn-112

MAT 5025 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-112

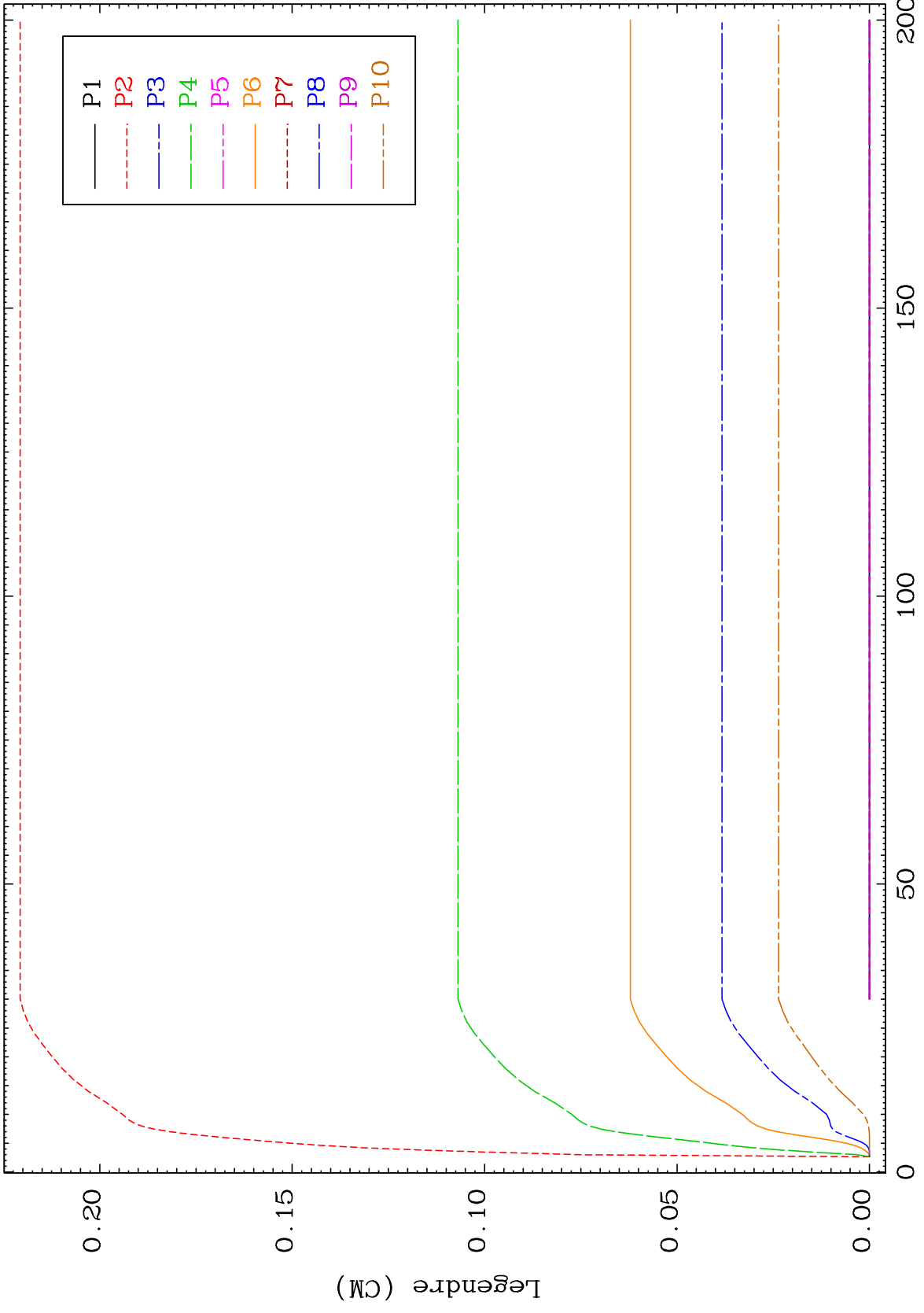


52 50-Sn-112

MAT 5025 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-112

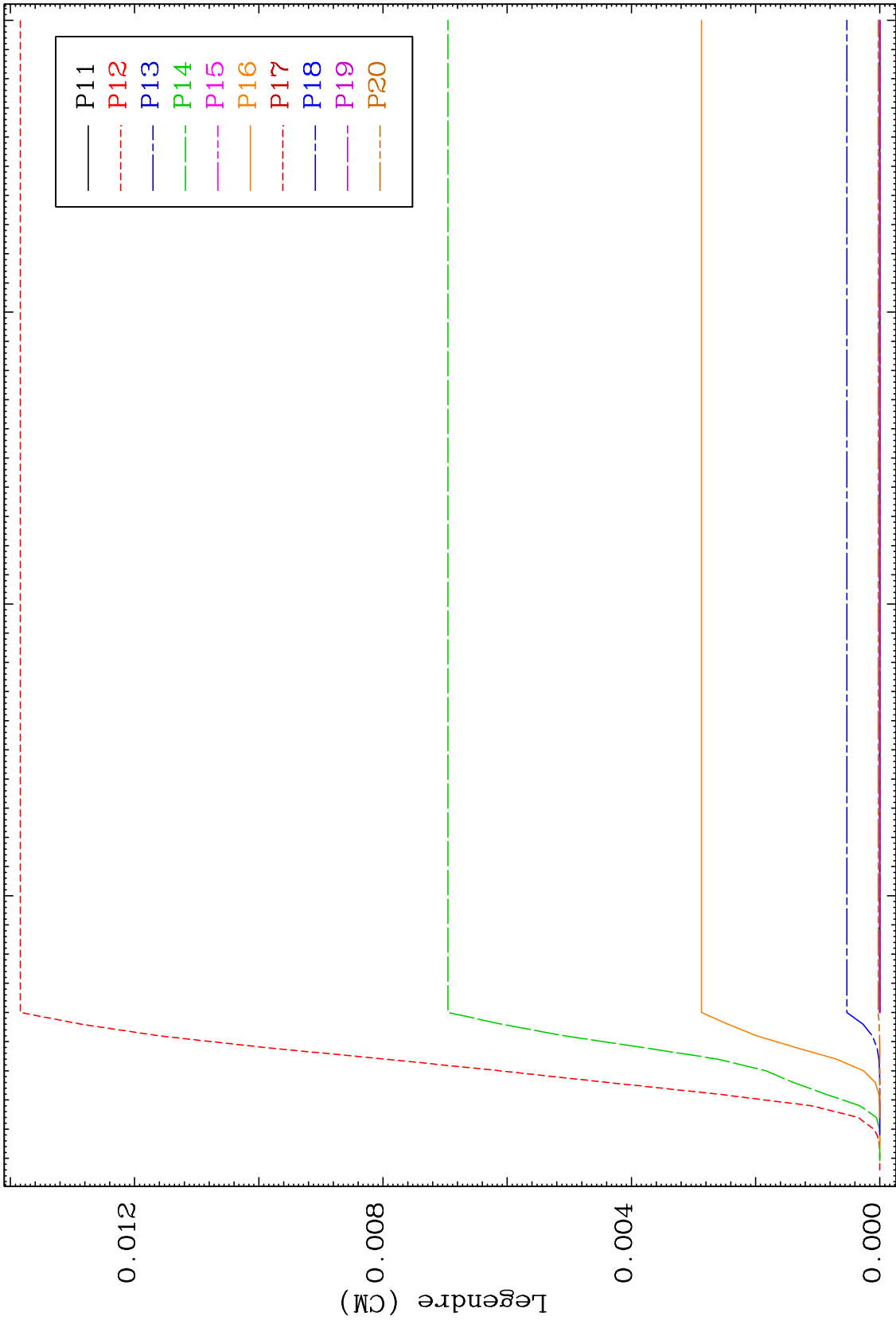


MAT 5025 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-112



54 50-Sn-112

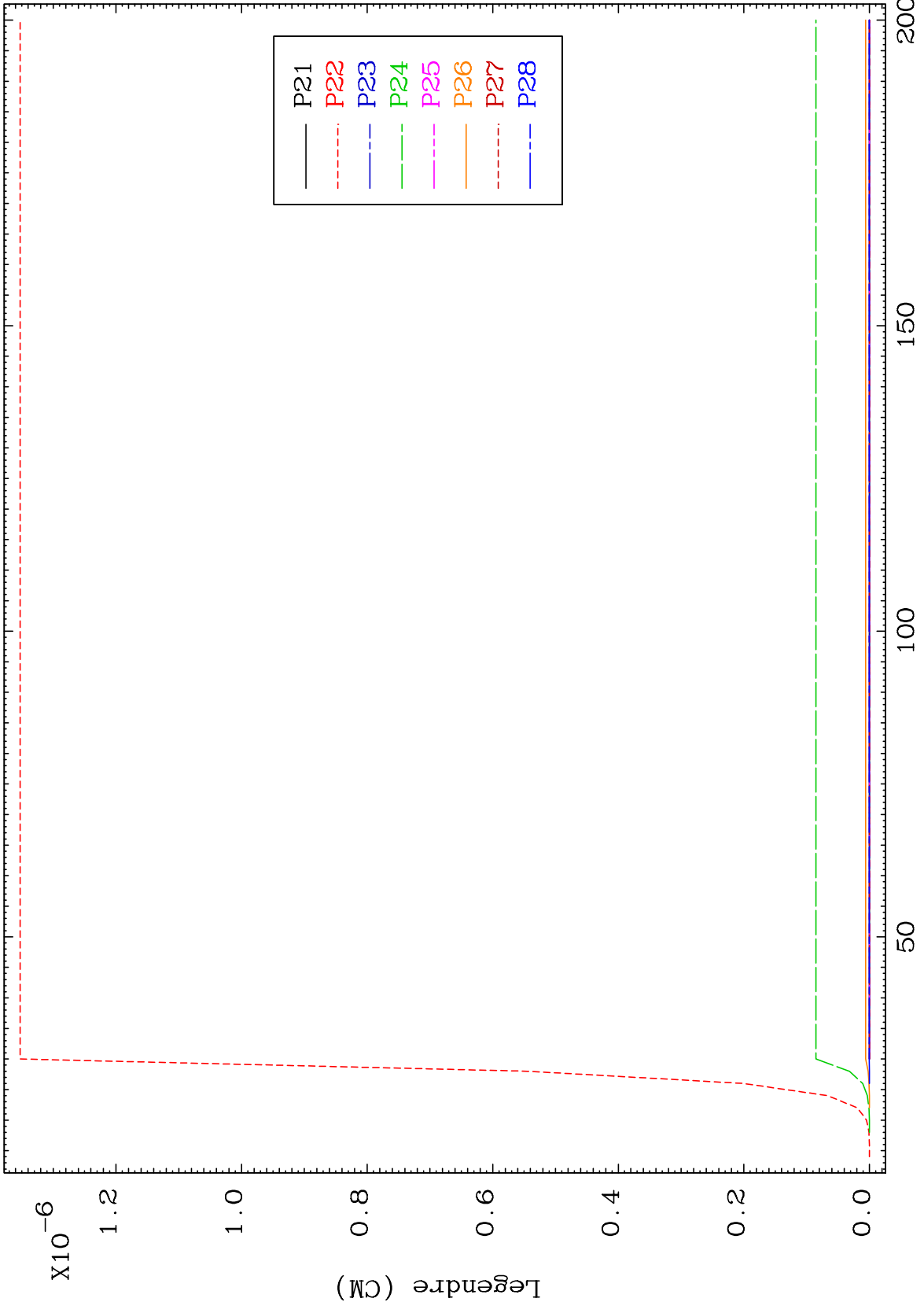
MAT 5025 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-112



55 Incident Energy (MeV) 200 50-Sn-112

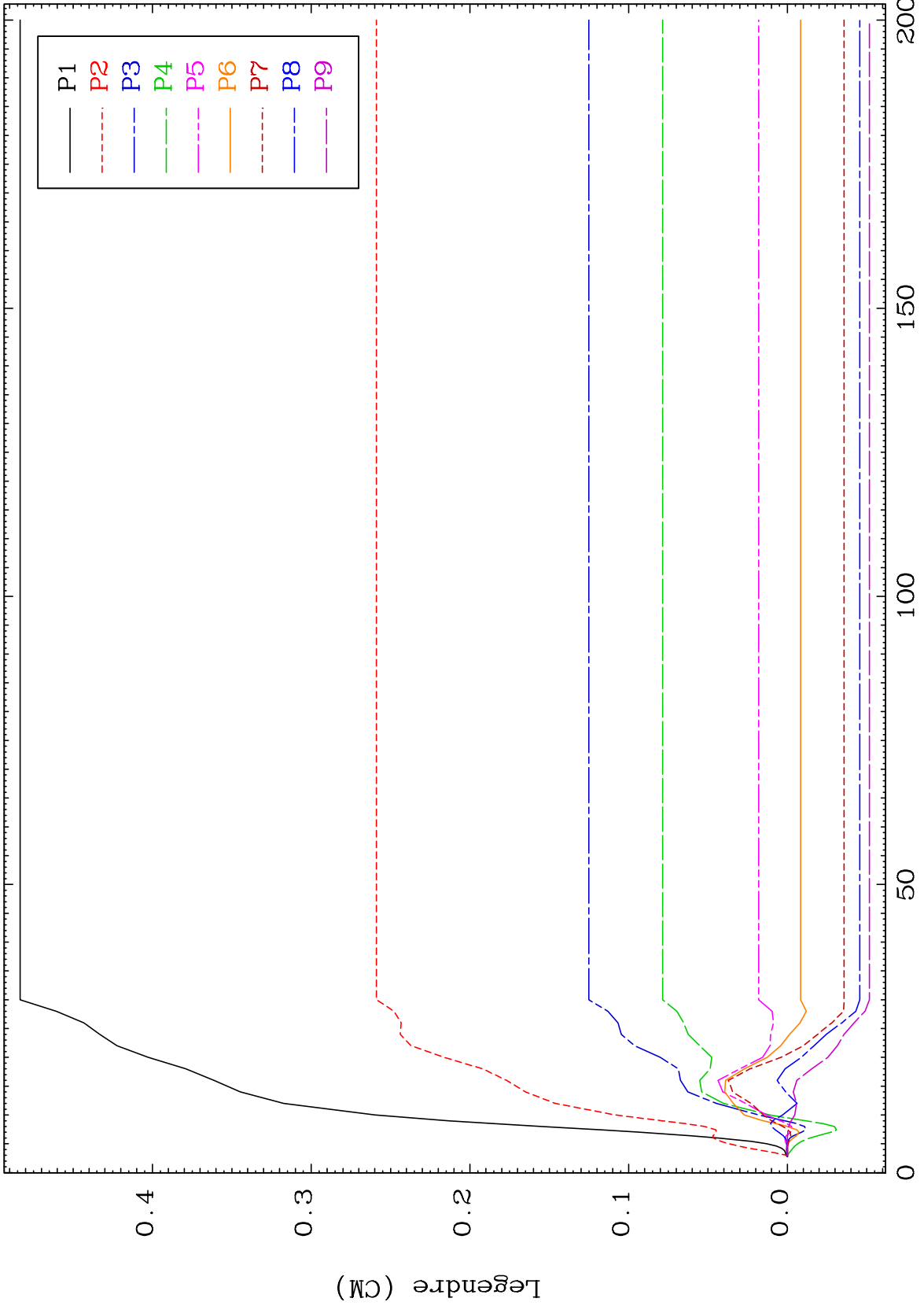


MAT 5025 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-112



56 50-Sn-112

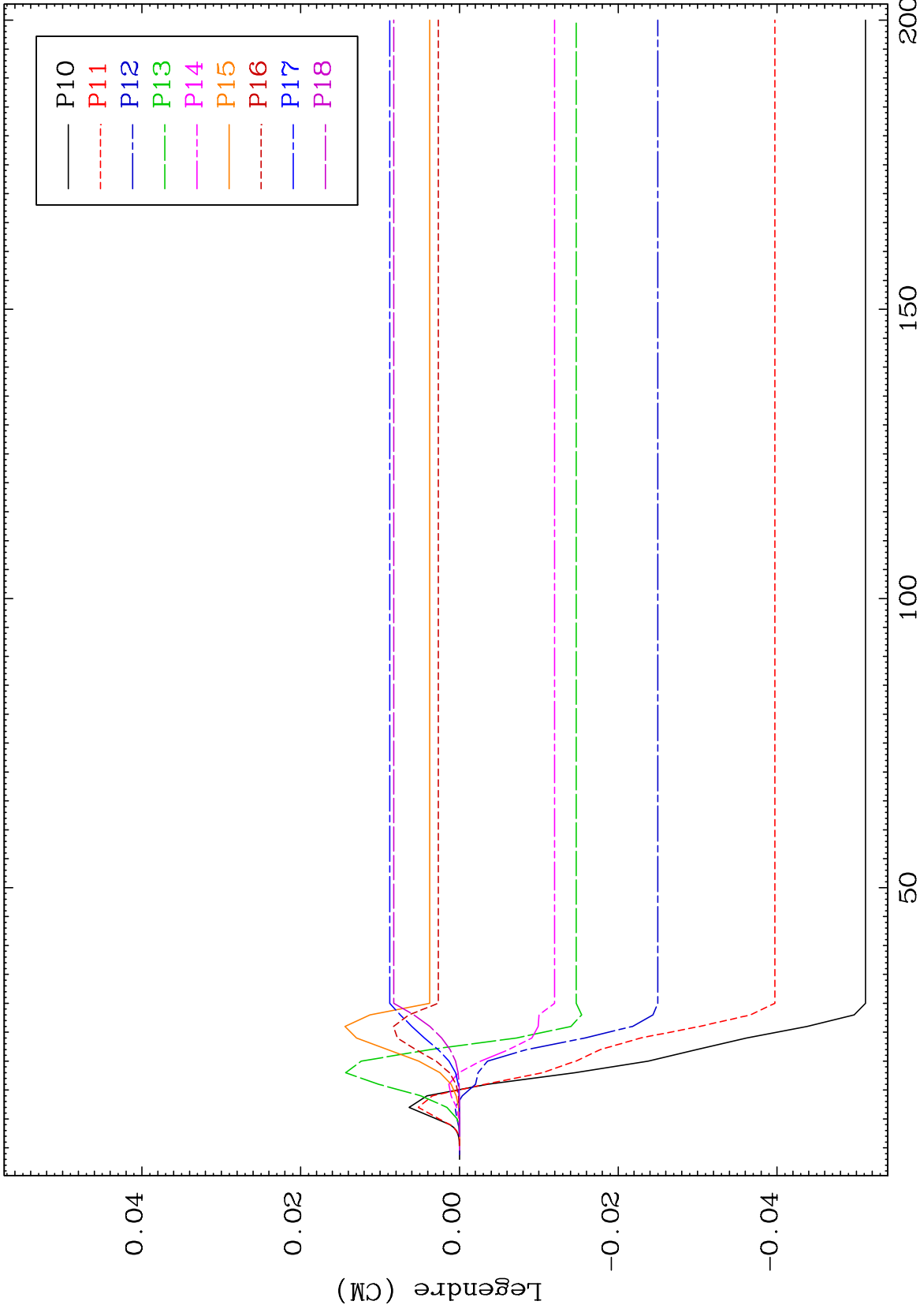
MAT 5025 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112



58

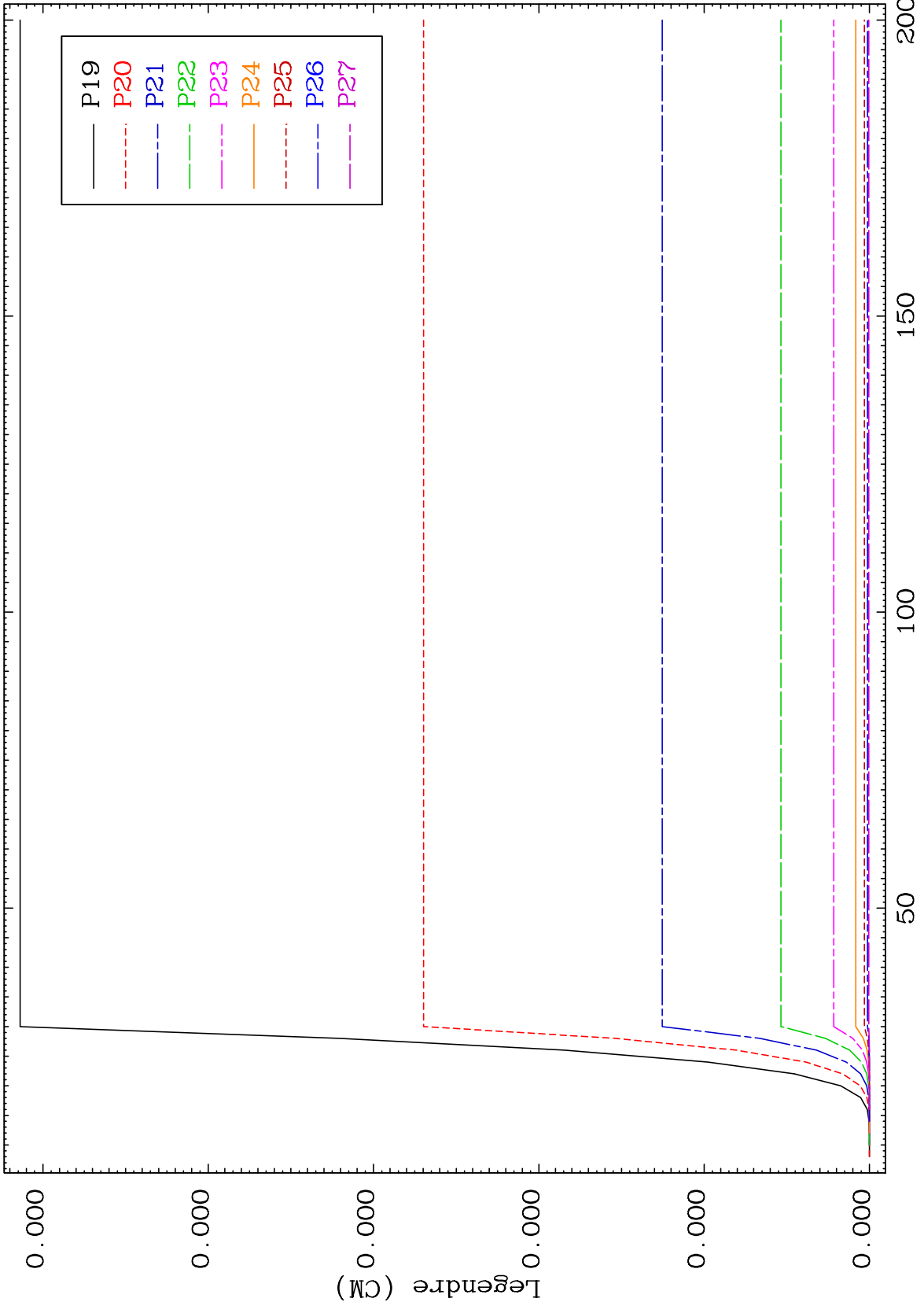
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



59

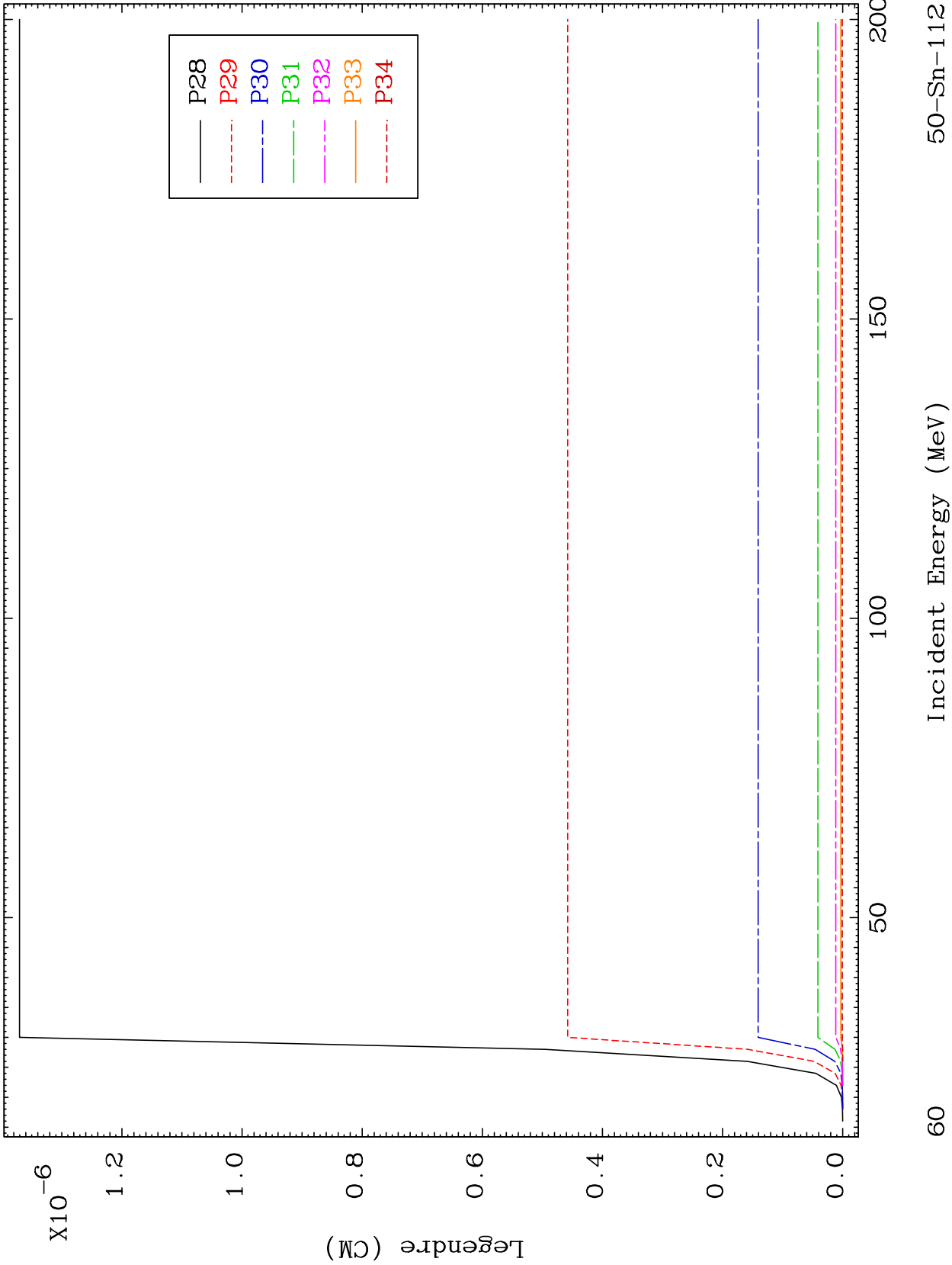
Incident Energy (MeV)

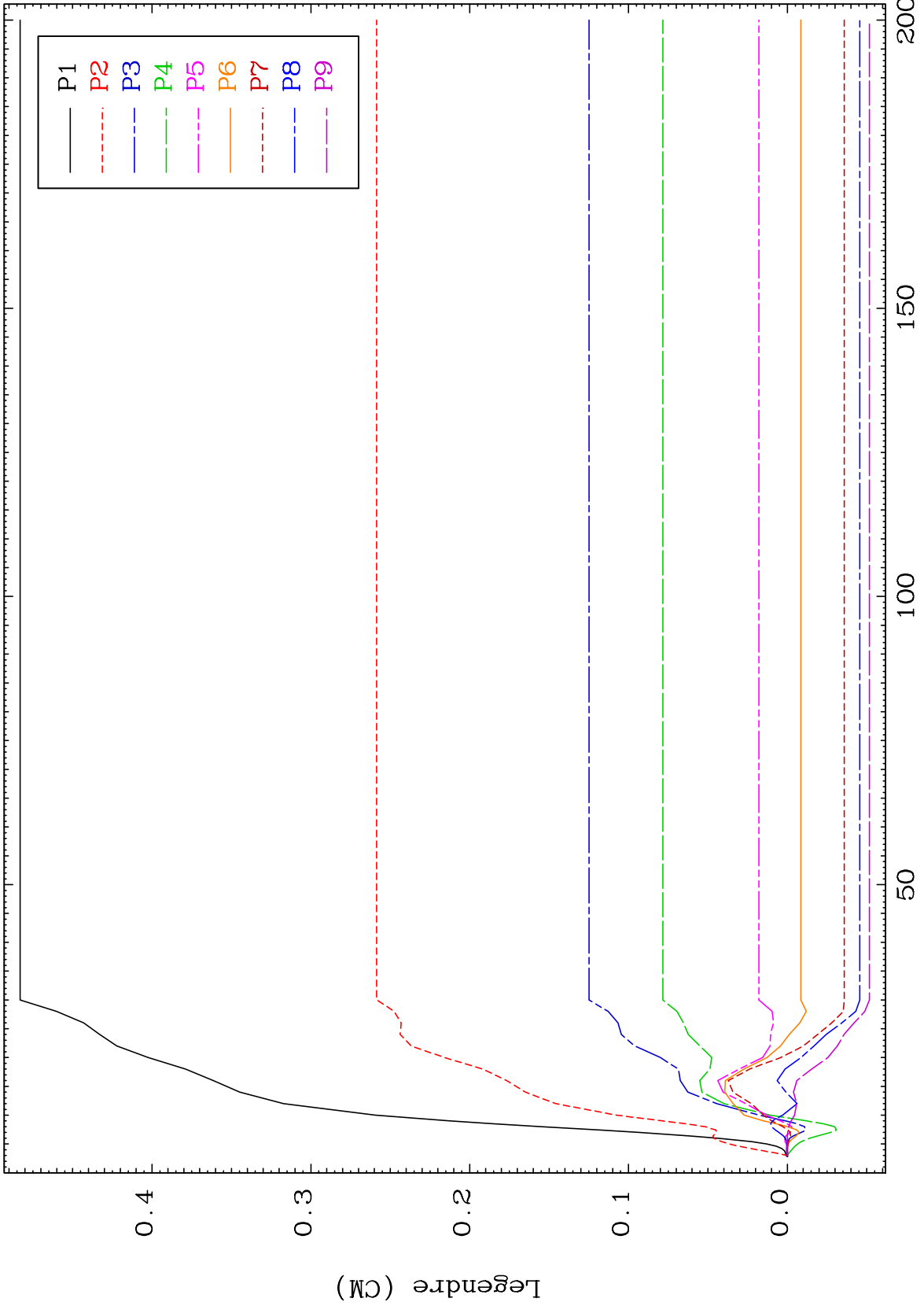
50-Sn-112

MAT 5025

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

50-Sn-112

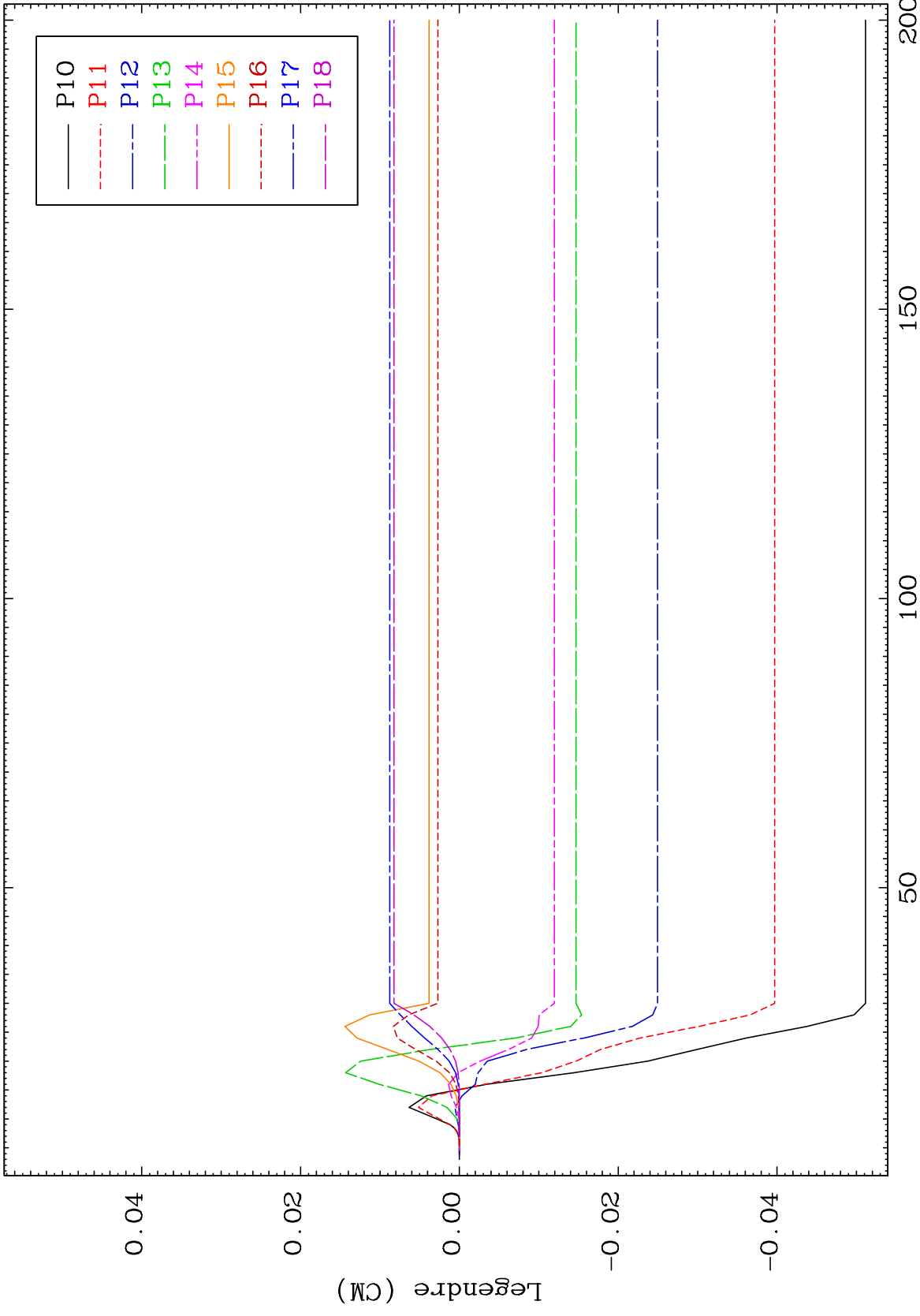




MAT 5025

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

50-Sn-112



62

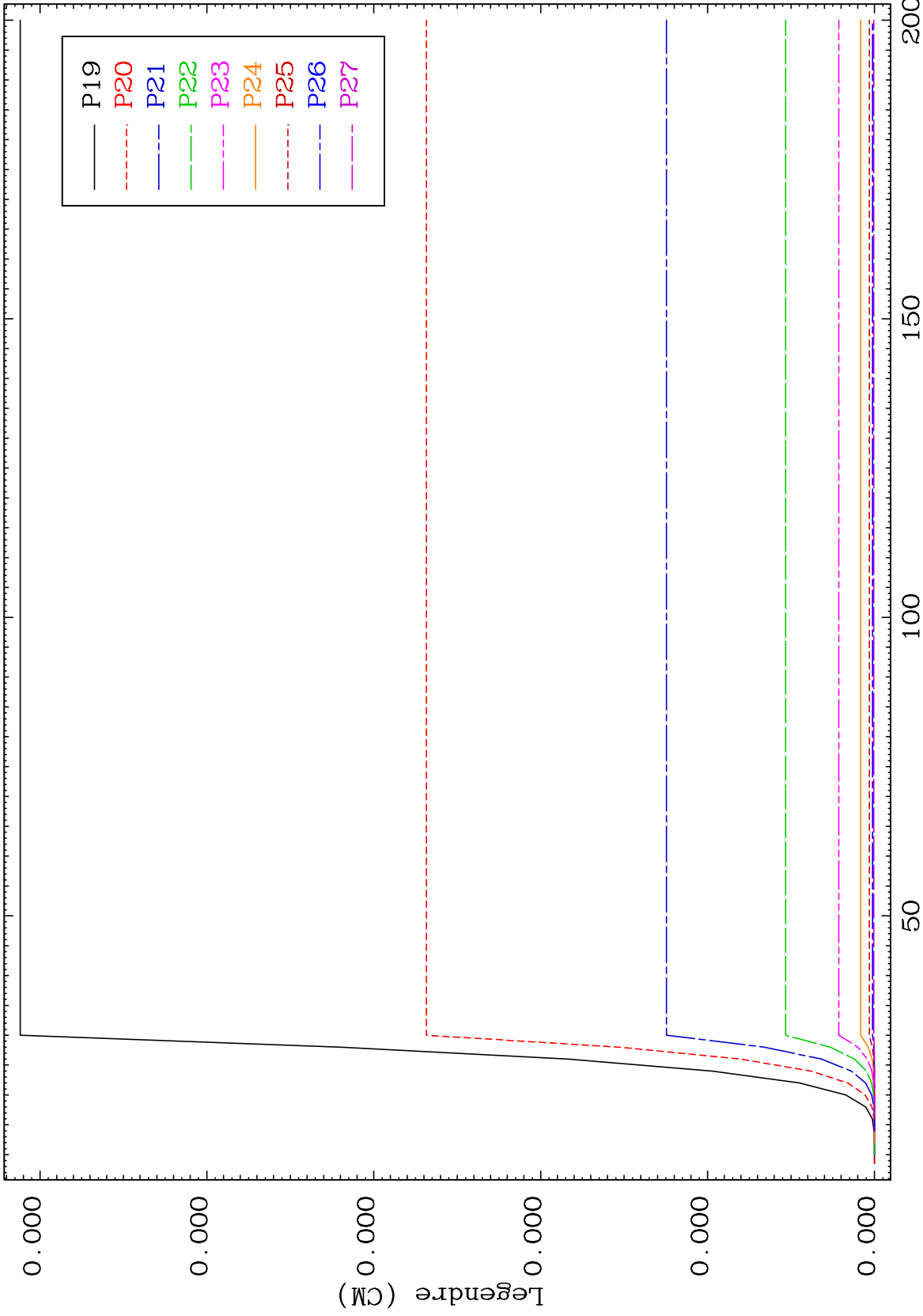
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



63

Incident Energy (MeV)

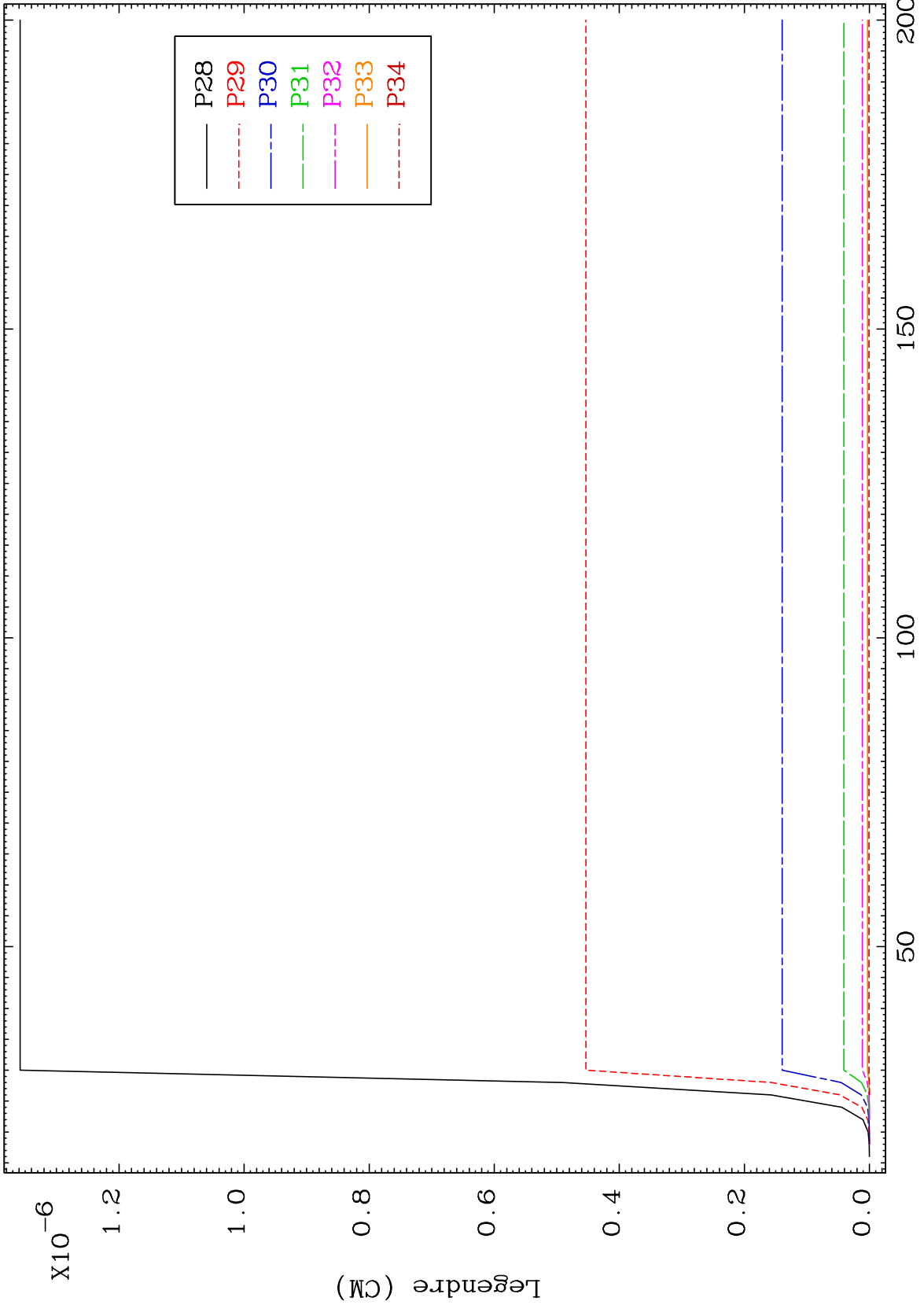
50-Sn-112



MAT 5025

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

50-Sn-112



64

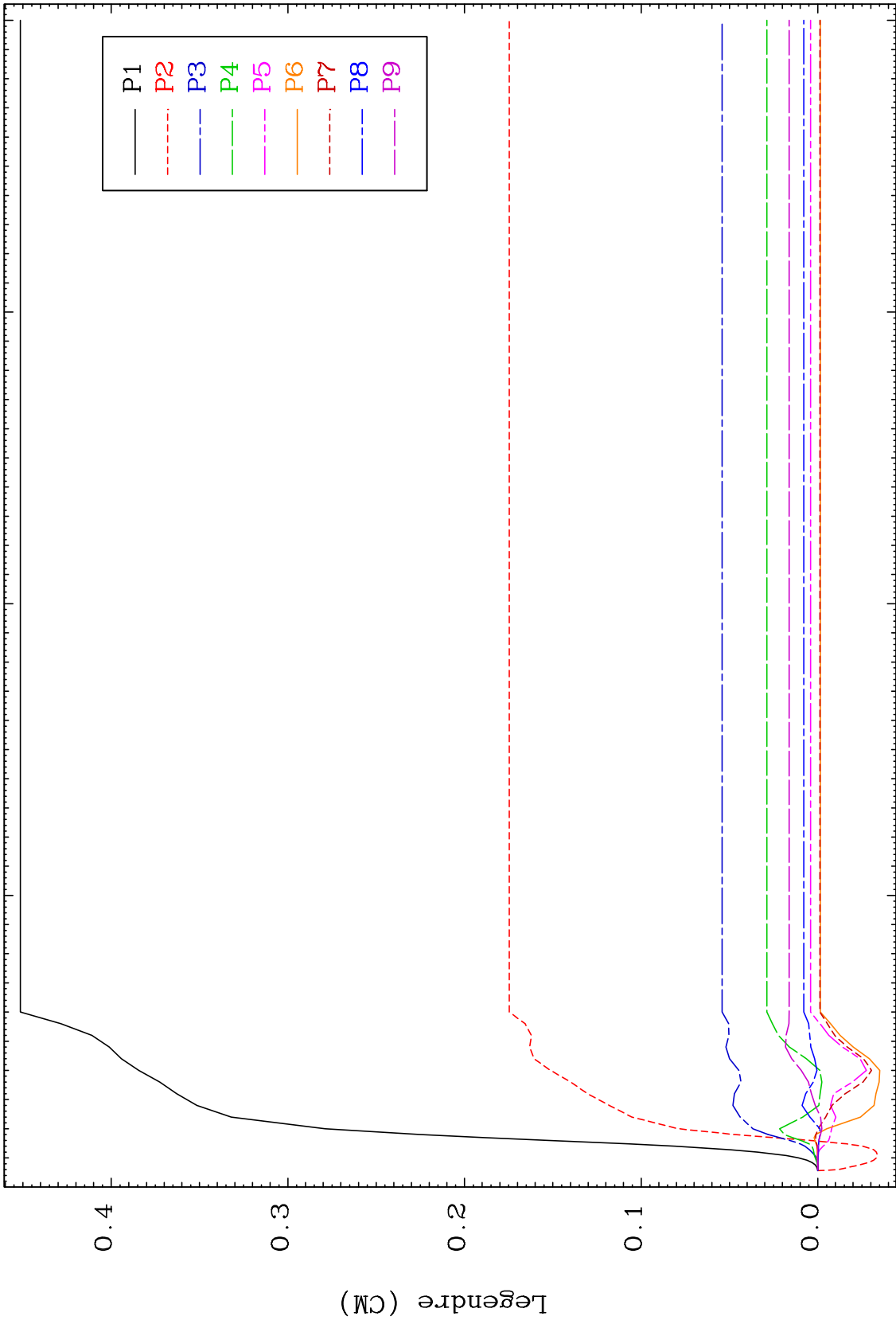
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



65

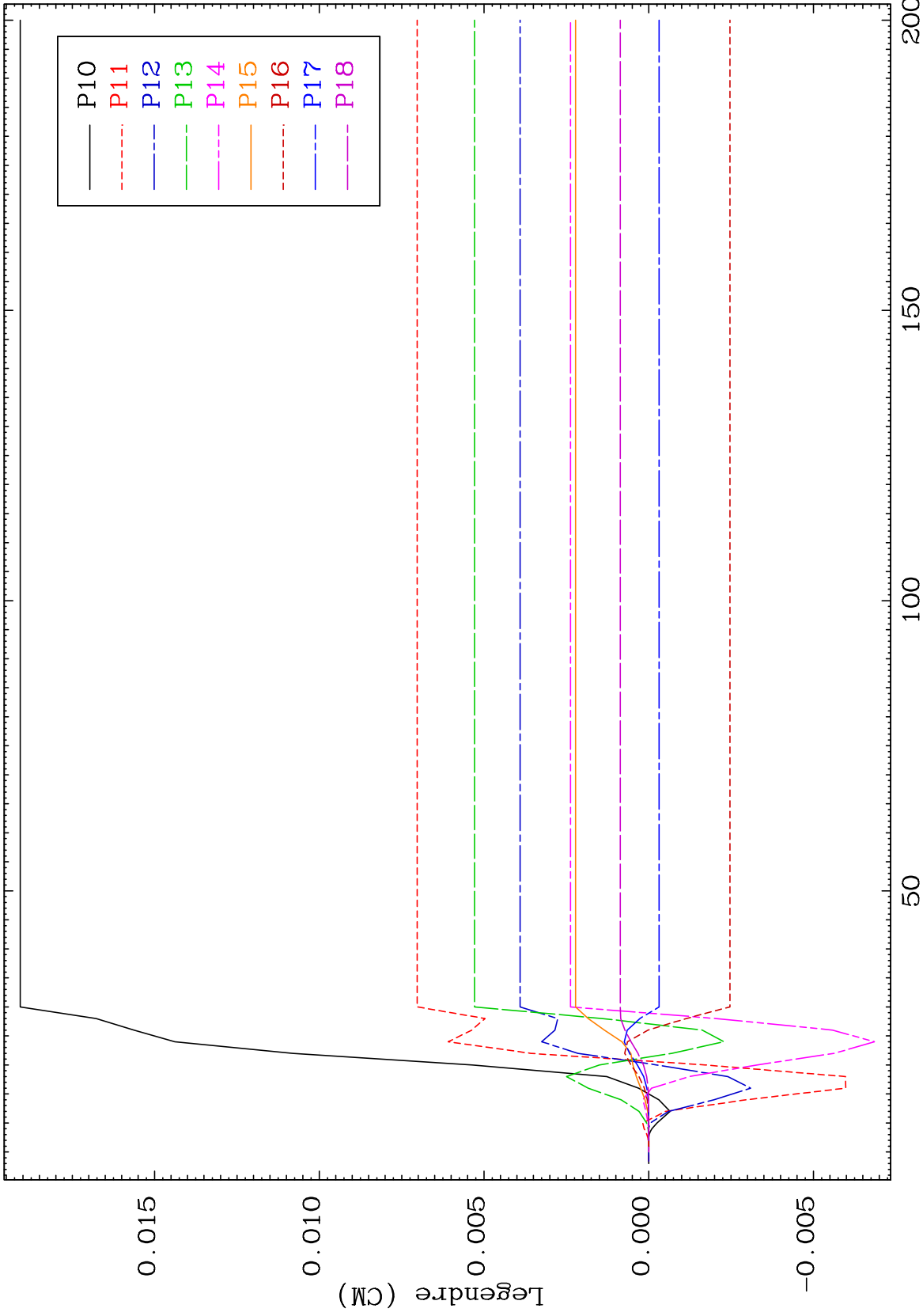
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



66

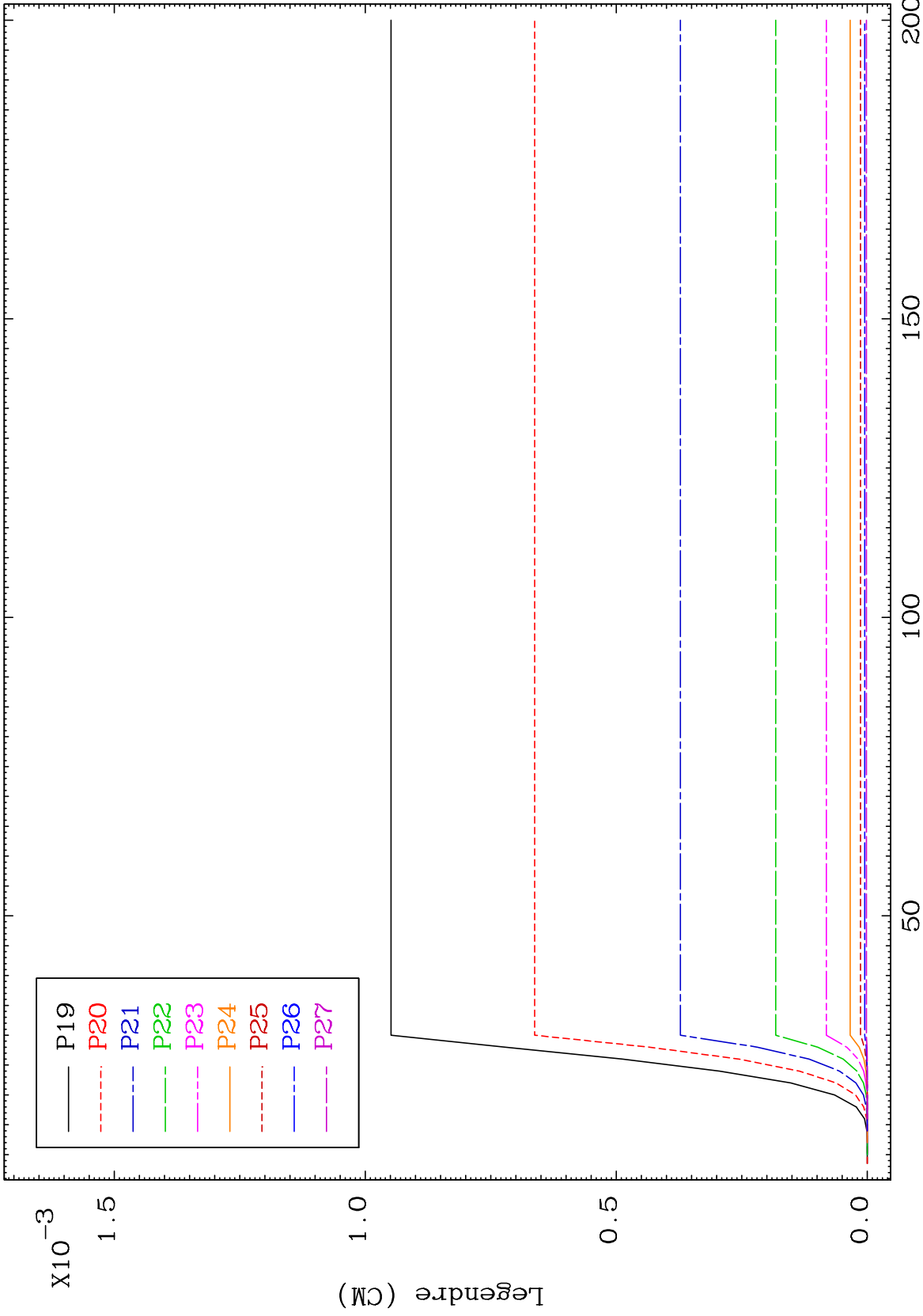
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



67

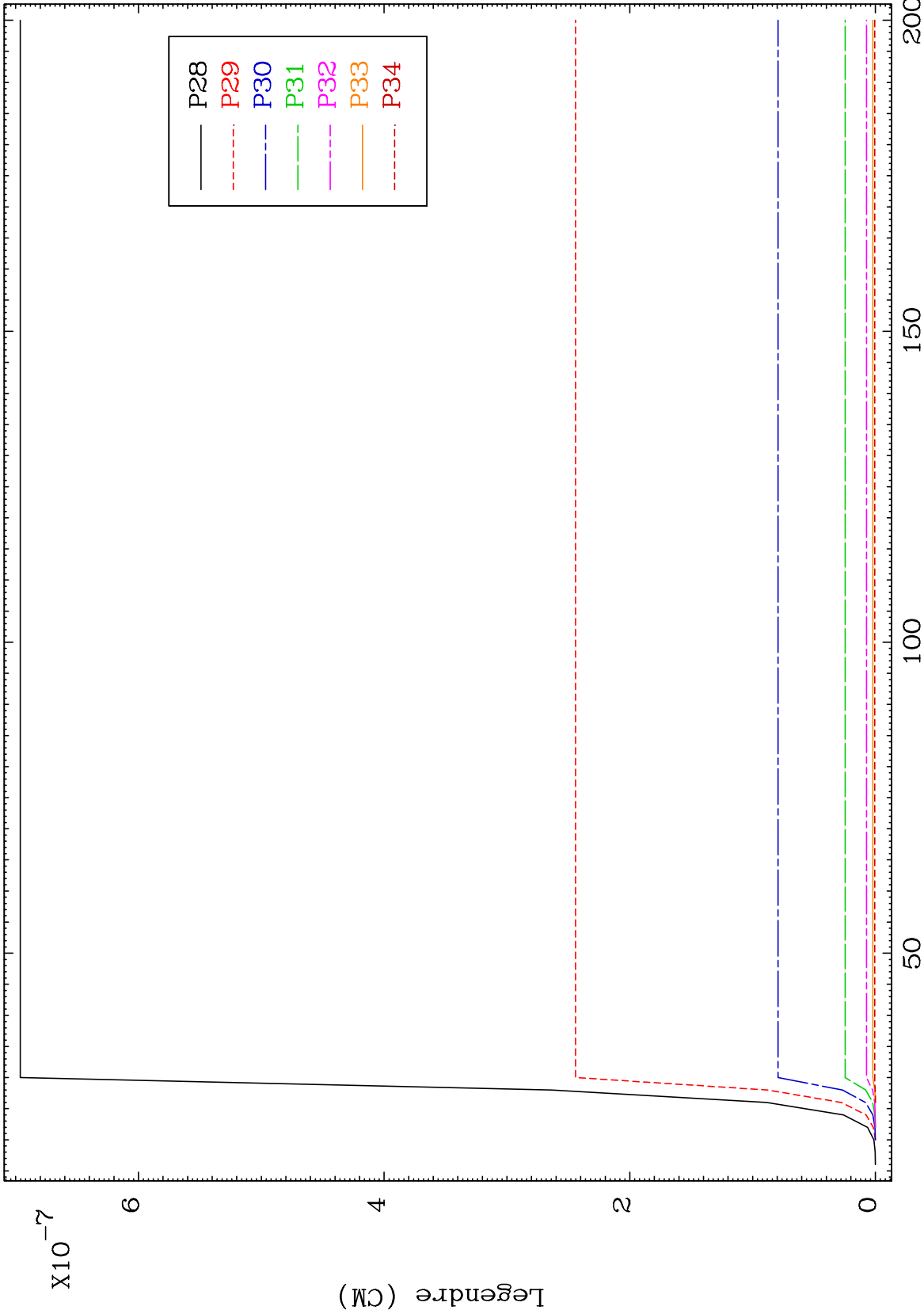
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



68

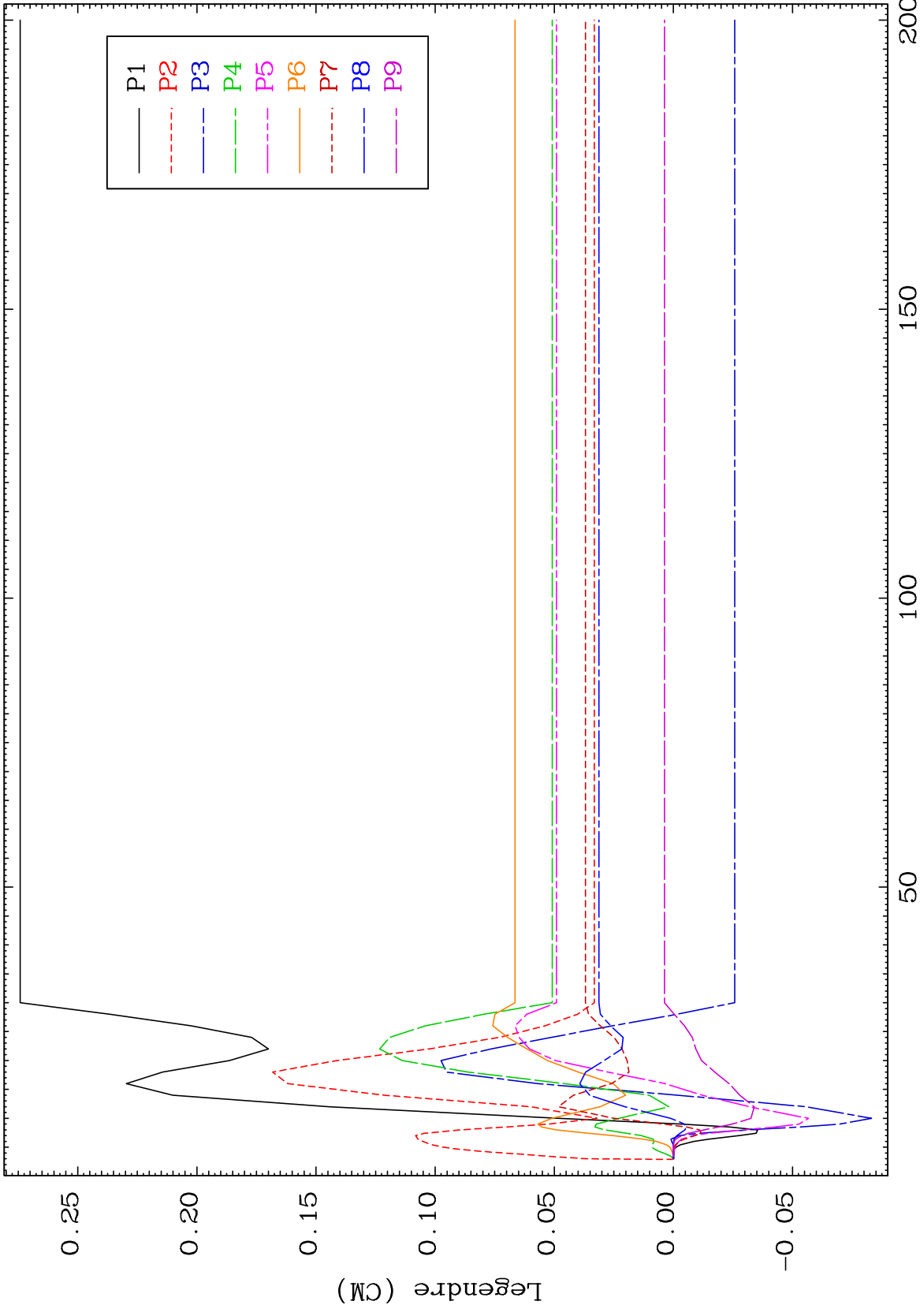
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

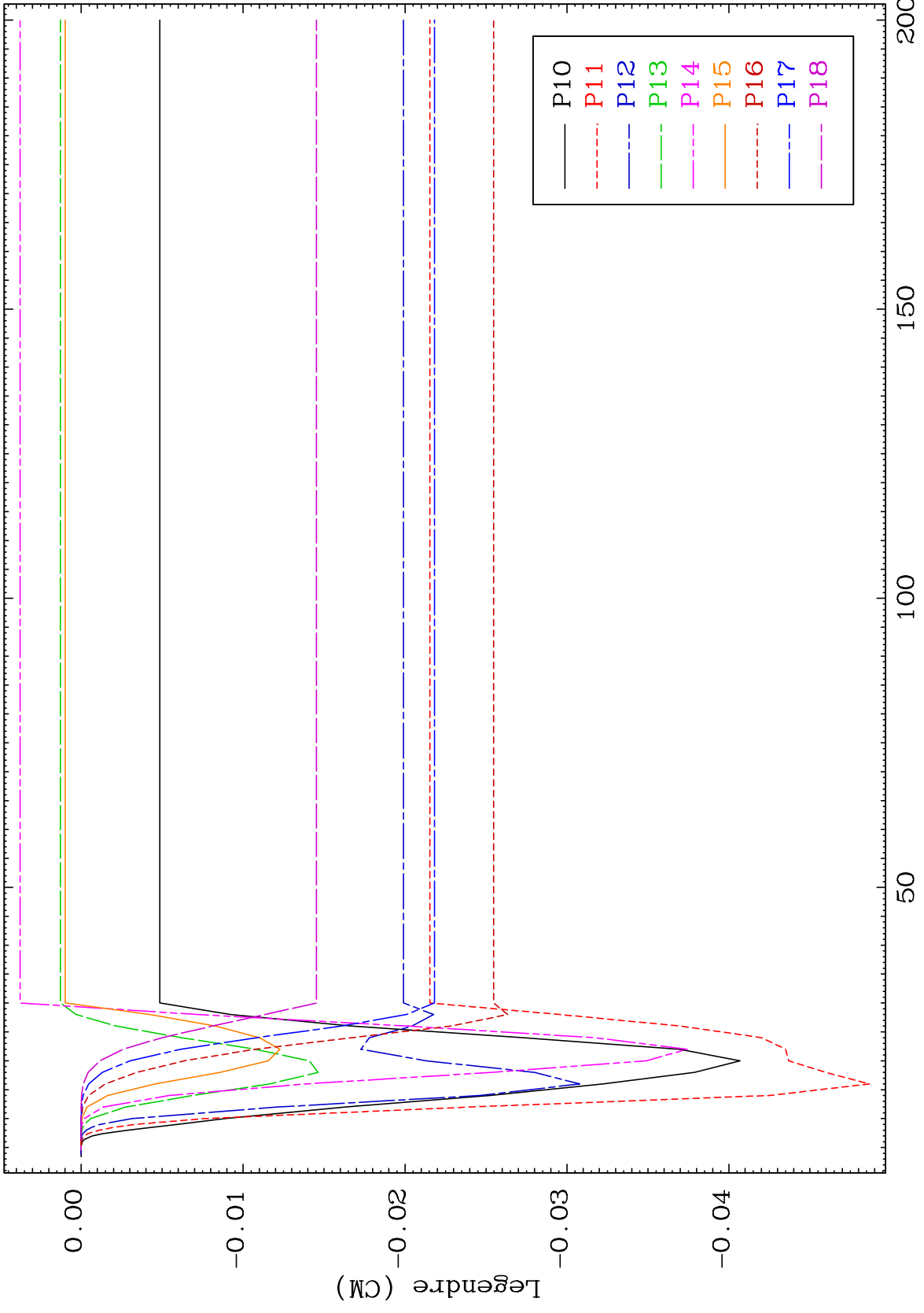
50-Sn-112



69

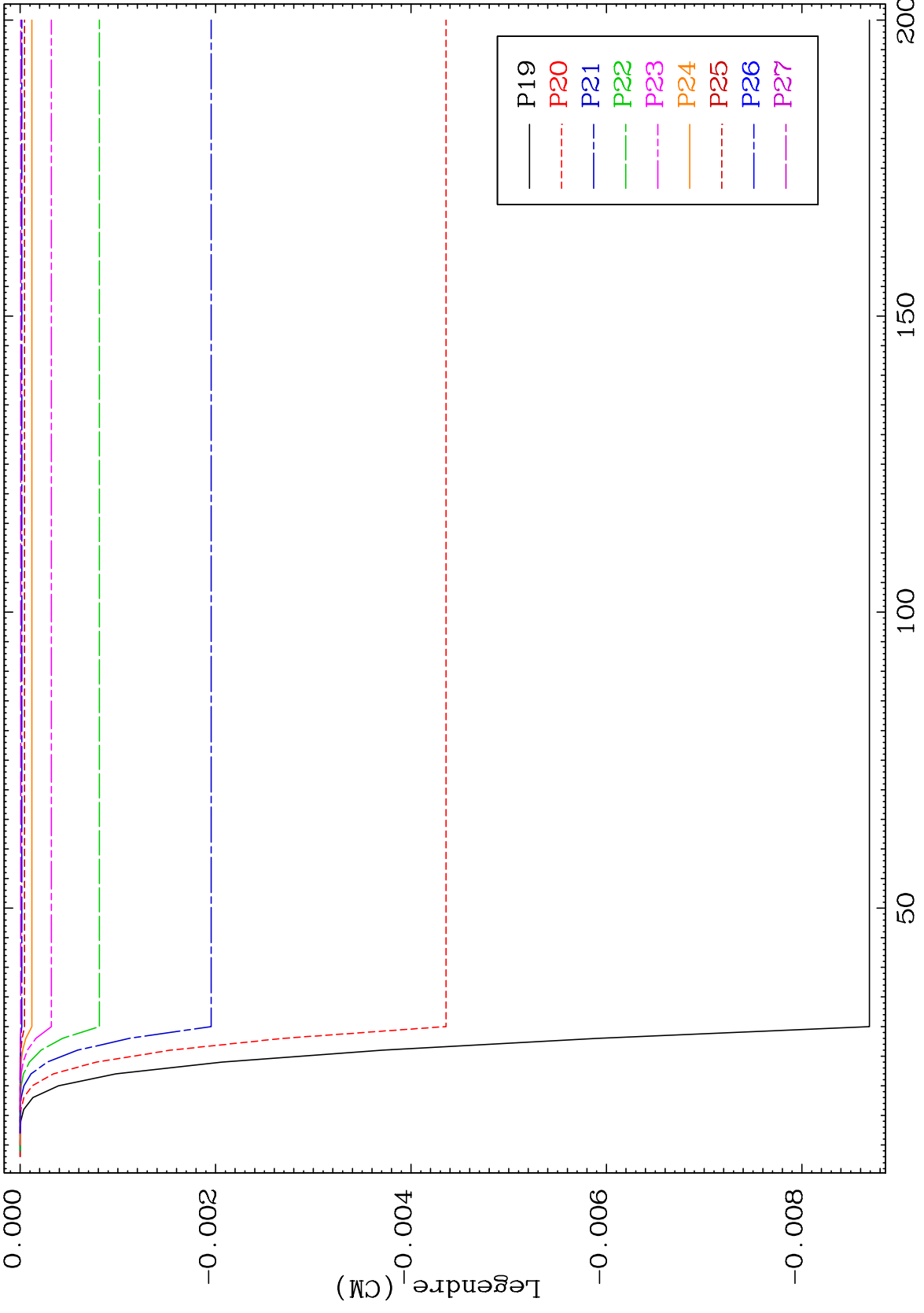
50-Sn-112

MAT 5025 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-112



70 50 100 150 200 Incident Energy (MeV) 50-Sn-112

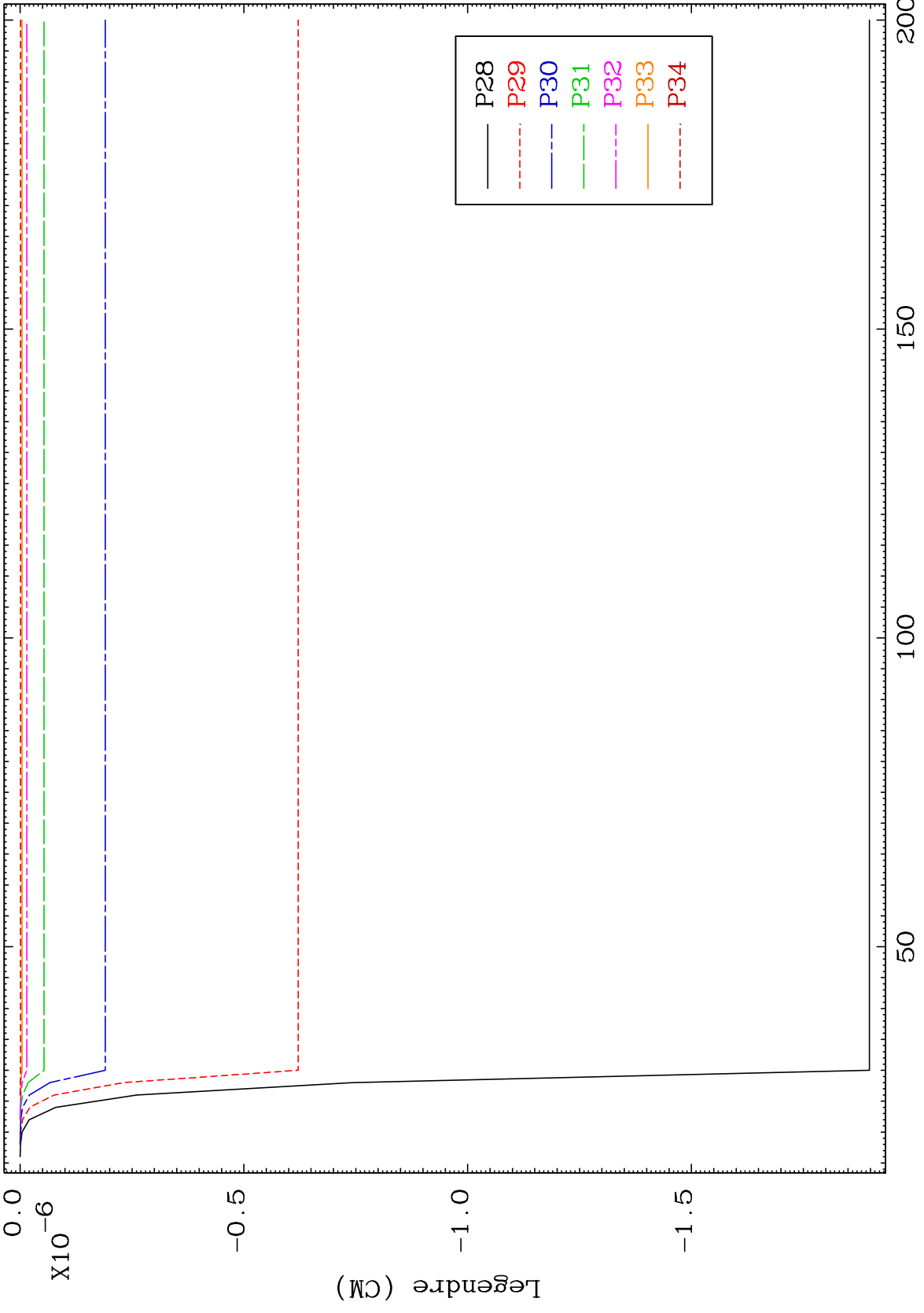
MAT 5025 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-112





MAT 5025 MT= 64 (n,n') Level 50-Sn-112

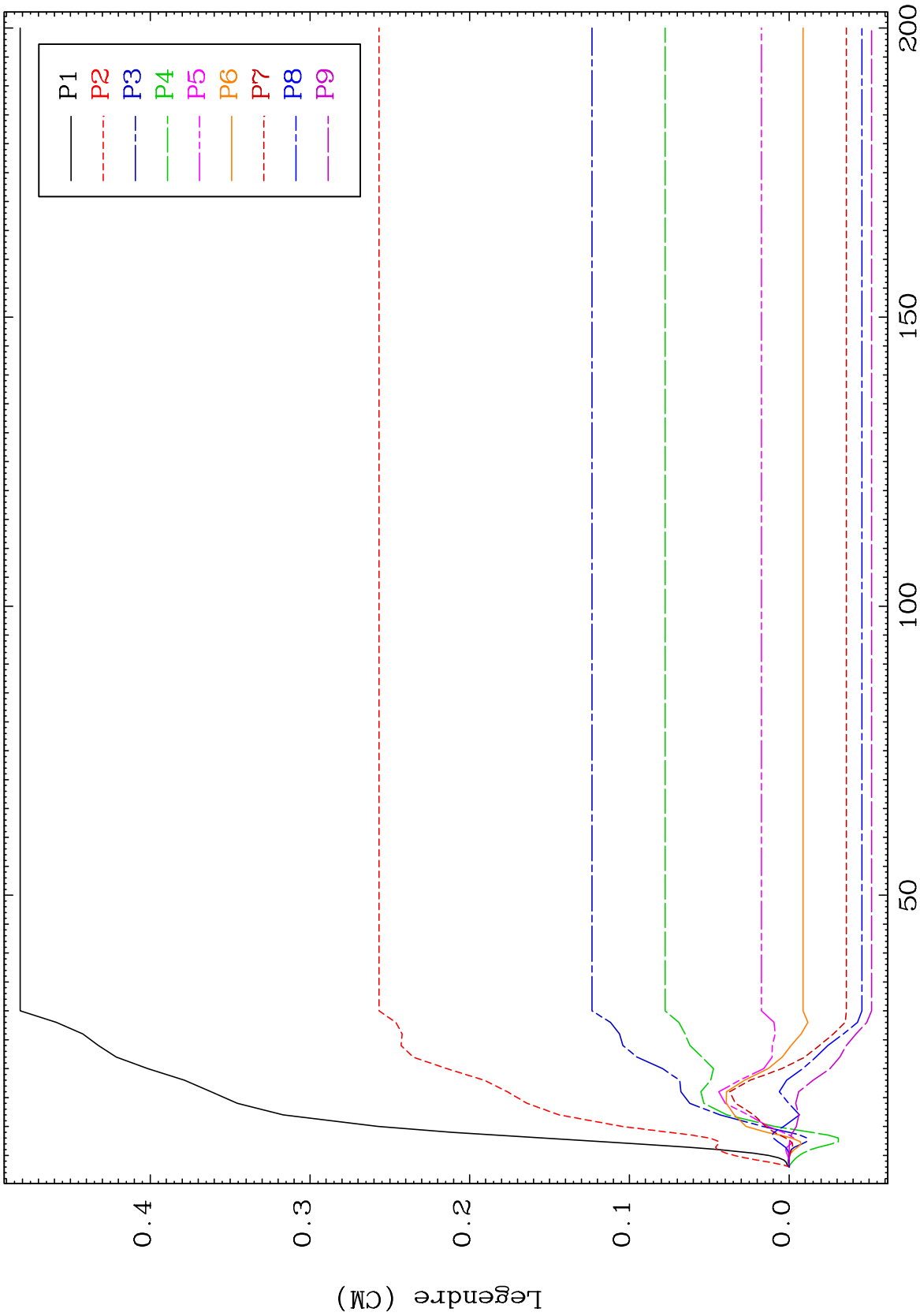
Legendre Coefficients



MAT 5025

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

50-Sn-112



73

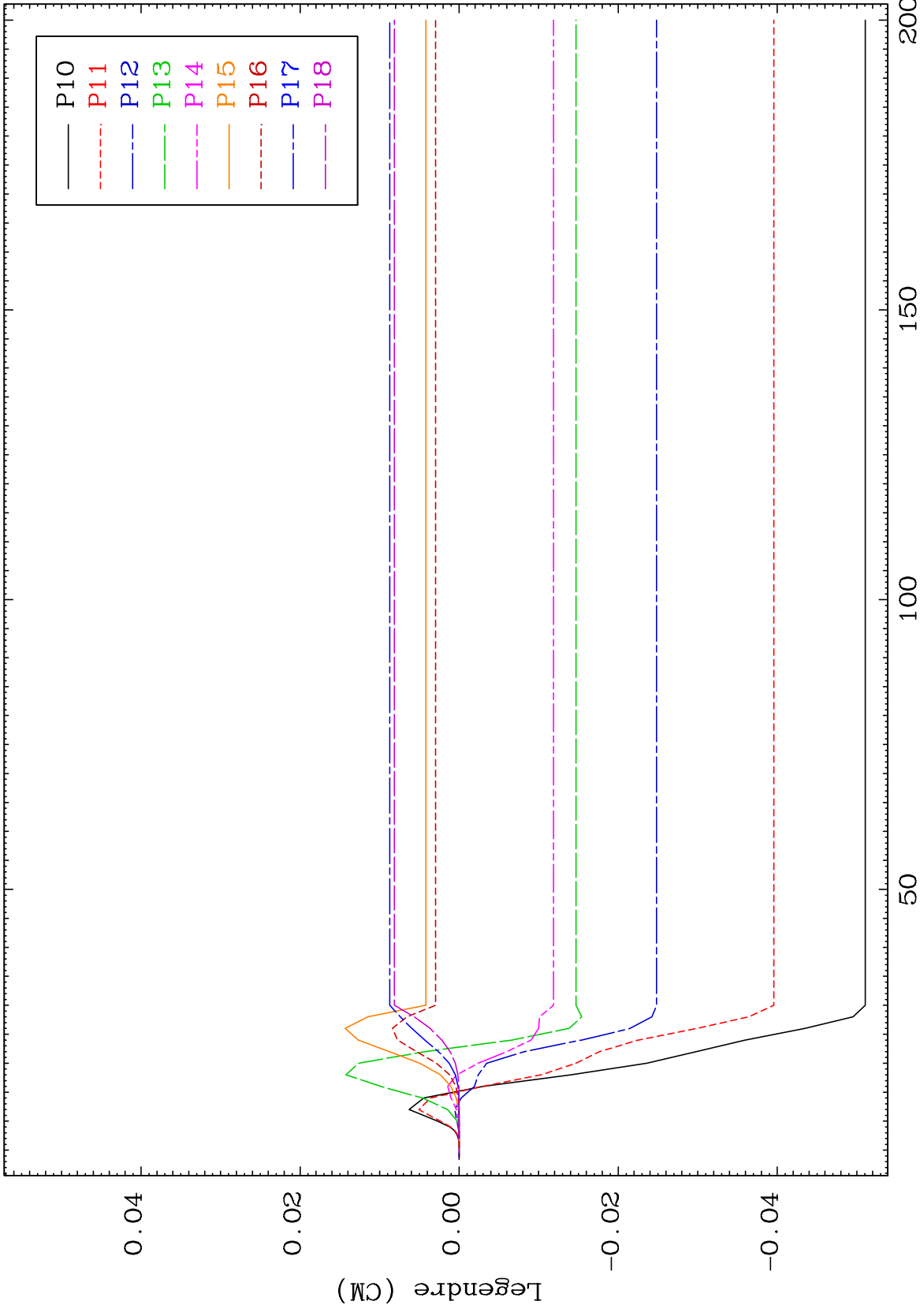
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

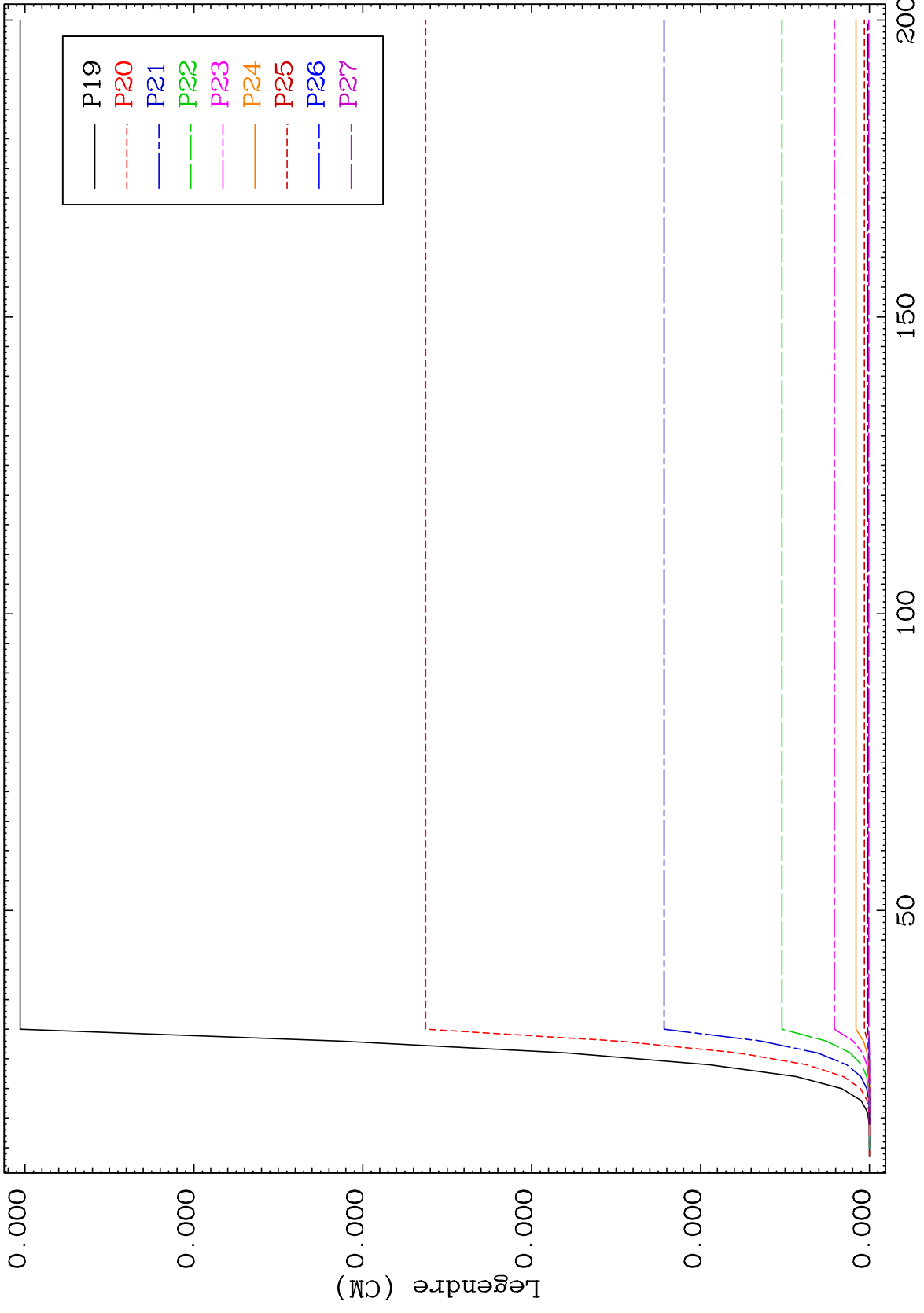


74

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-112



75

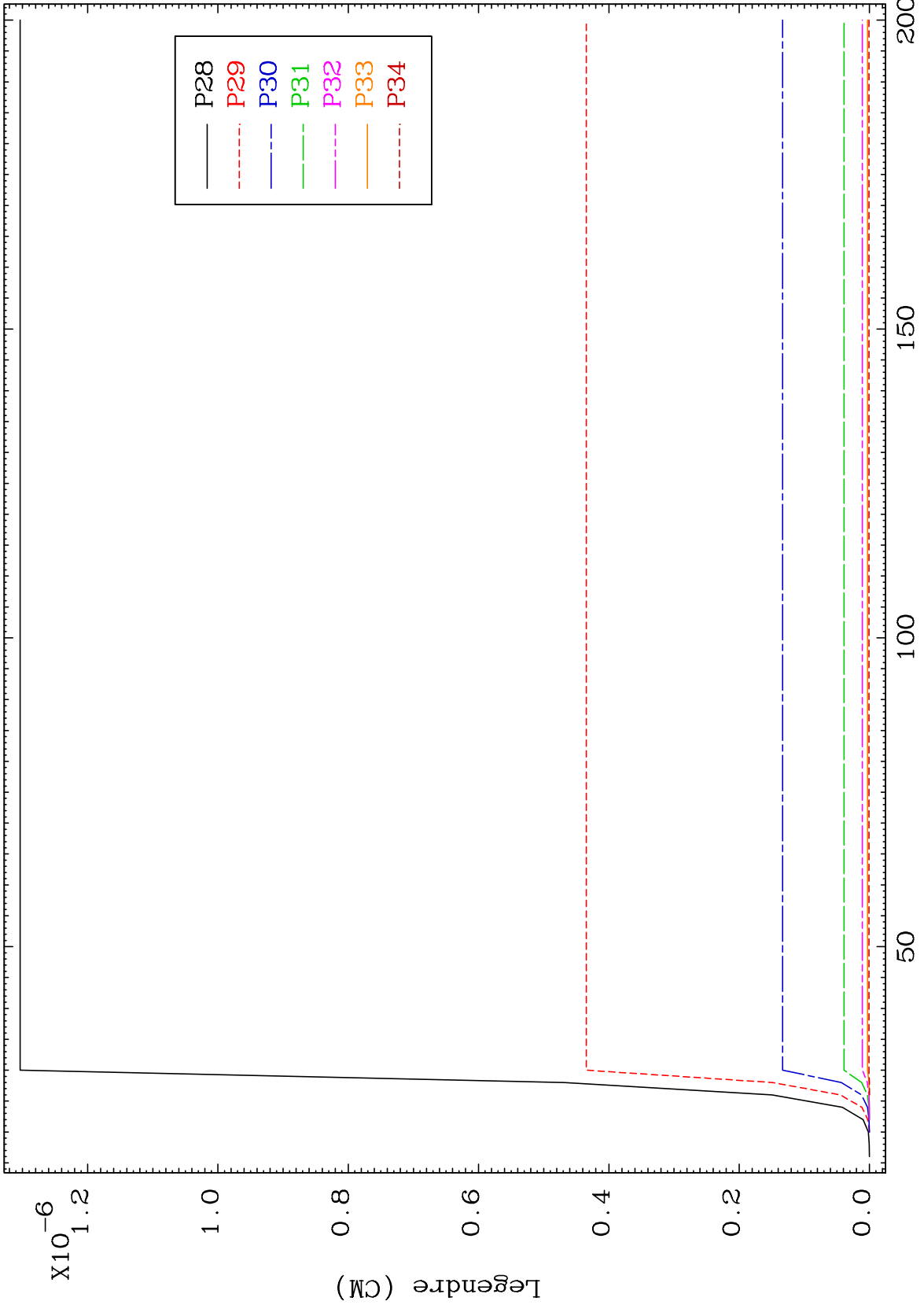
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



76

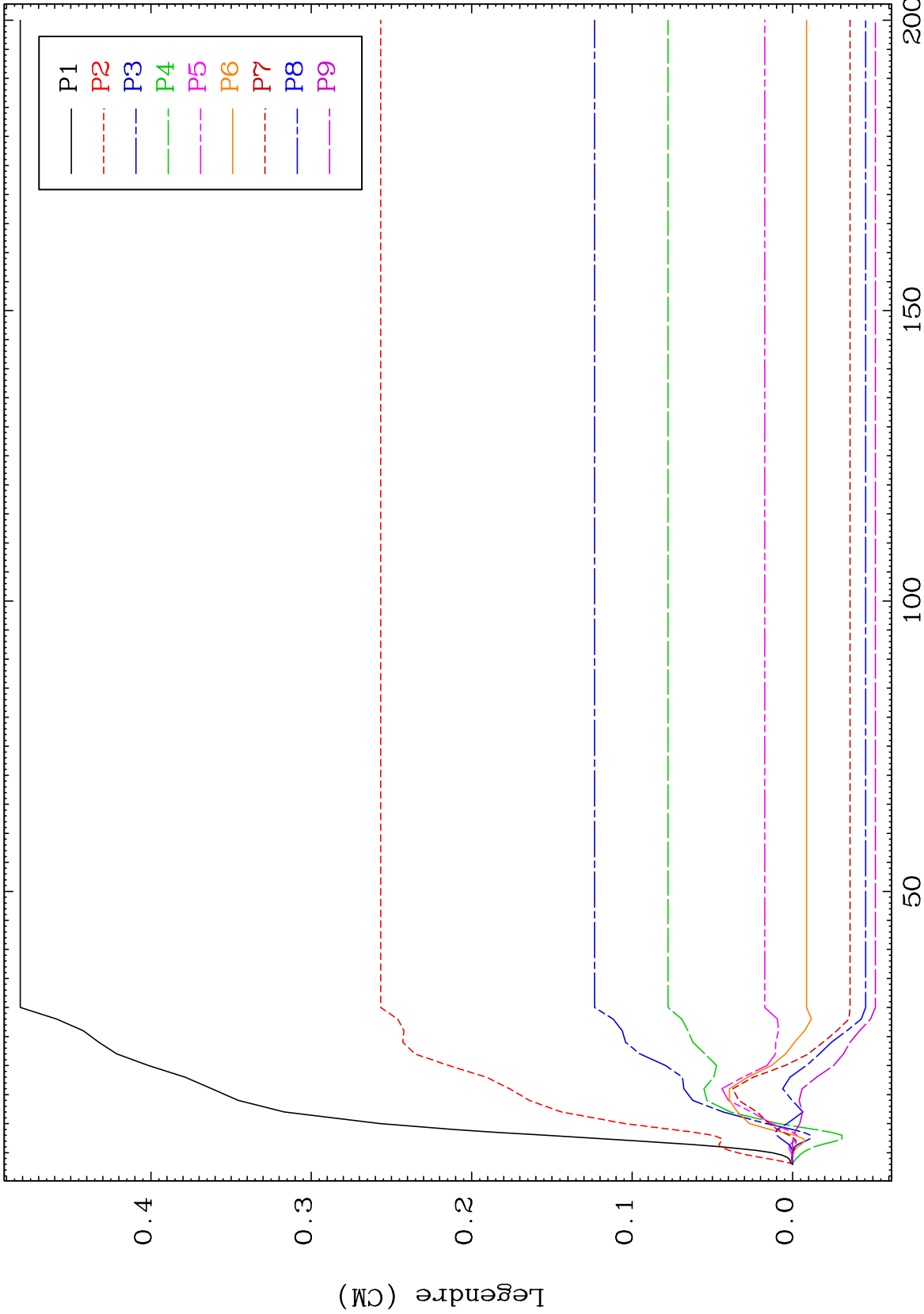
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



77

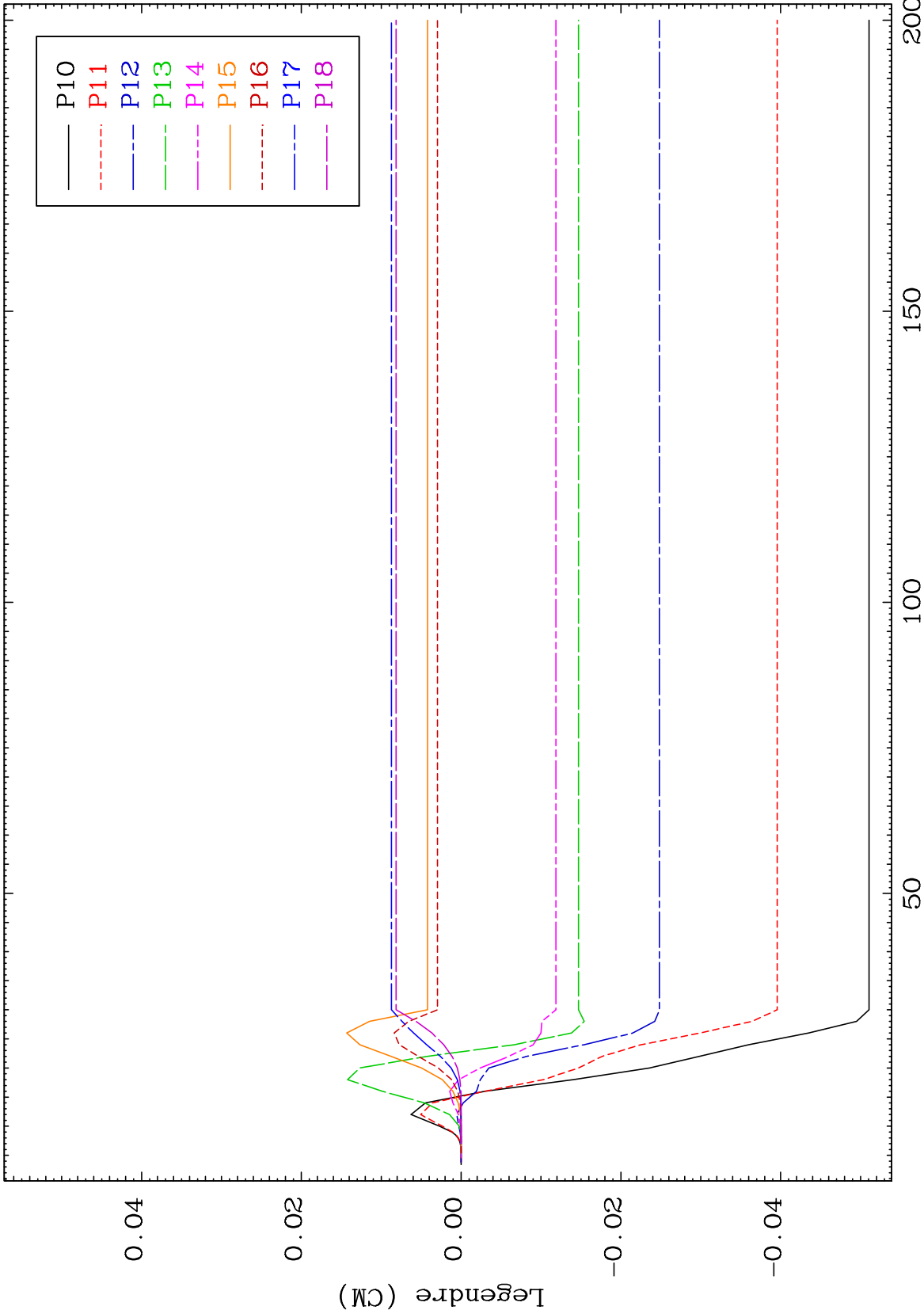
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

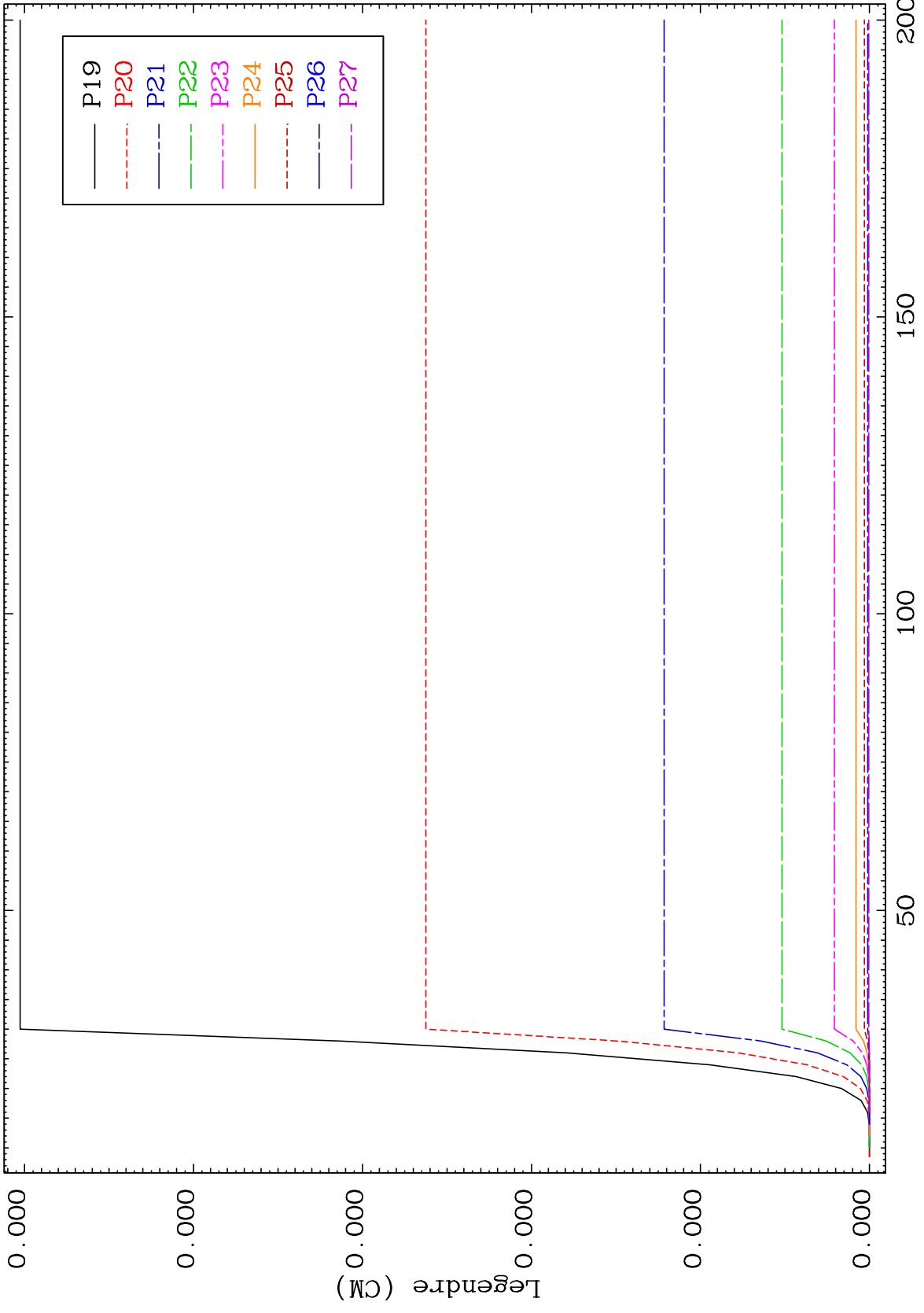


78

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-112

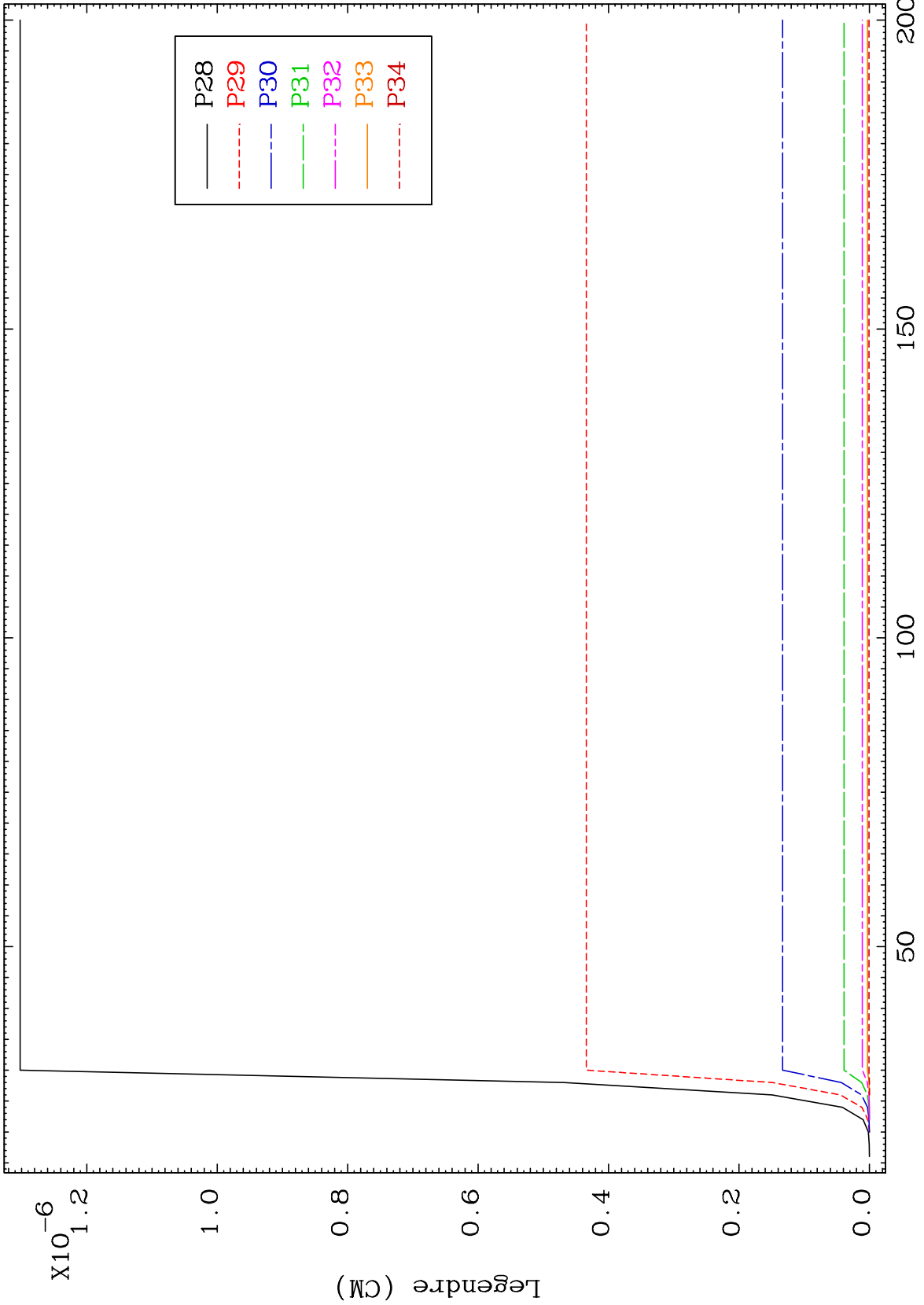




MAT 5025

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

50-Sn-112



80

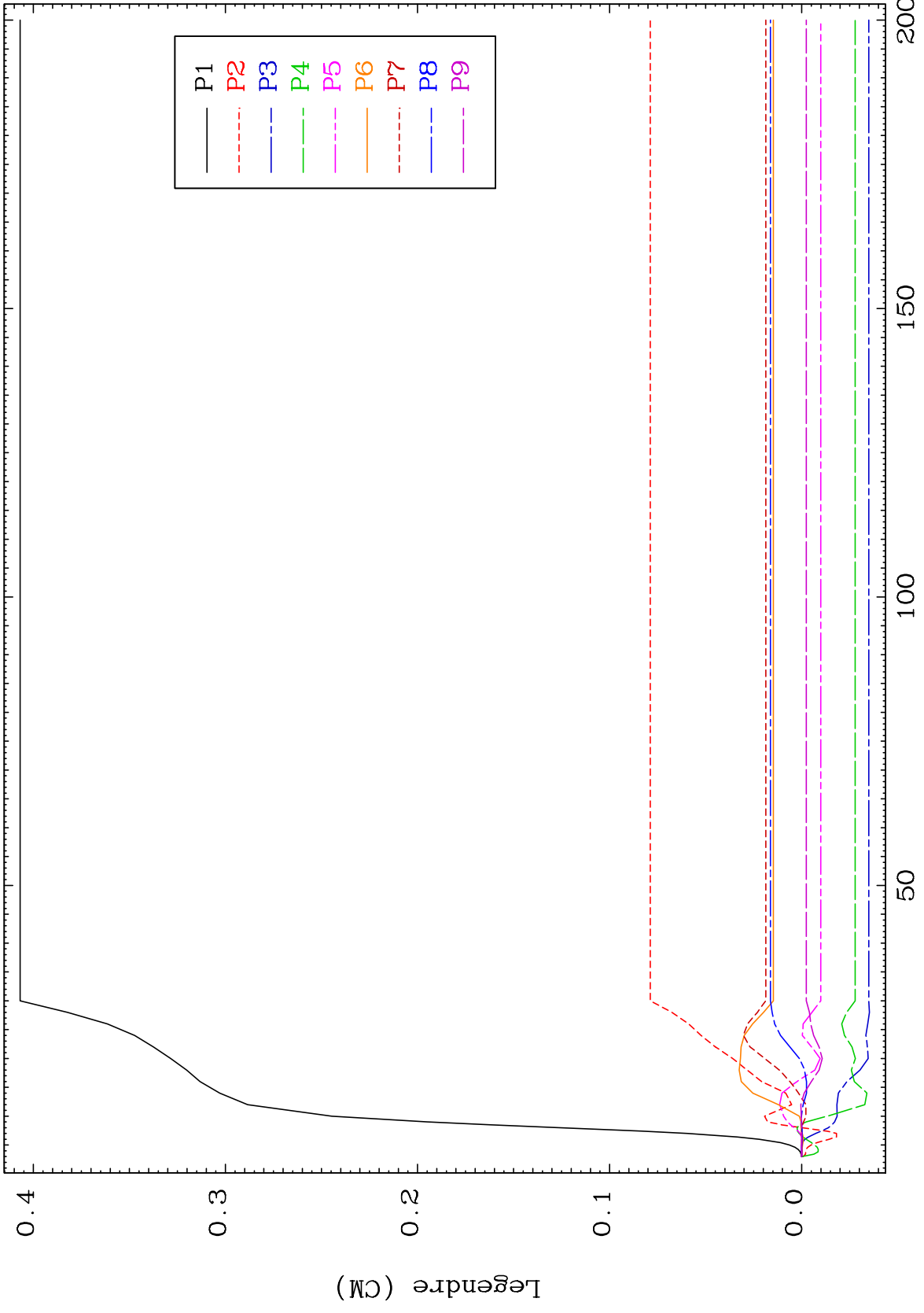
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



81

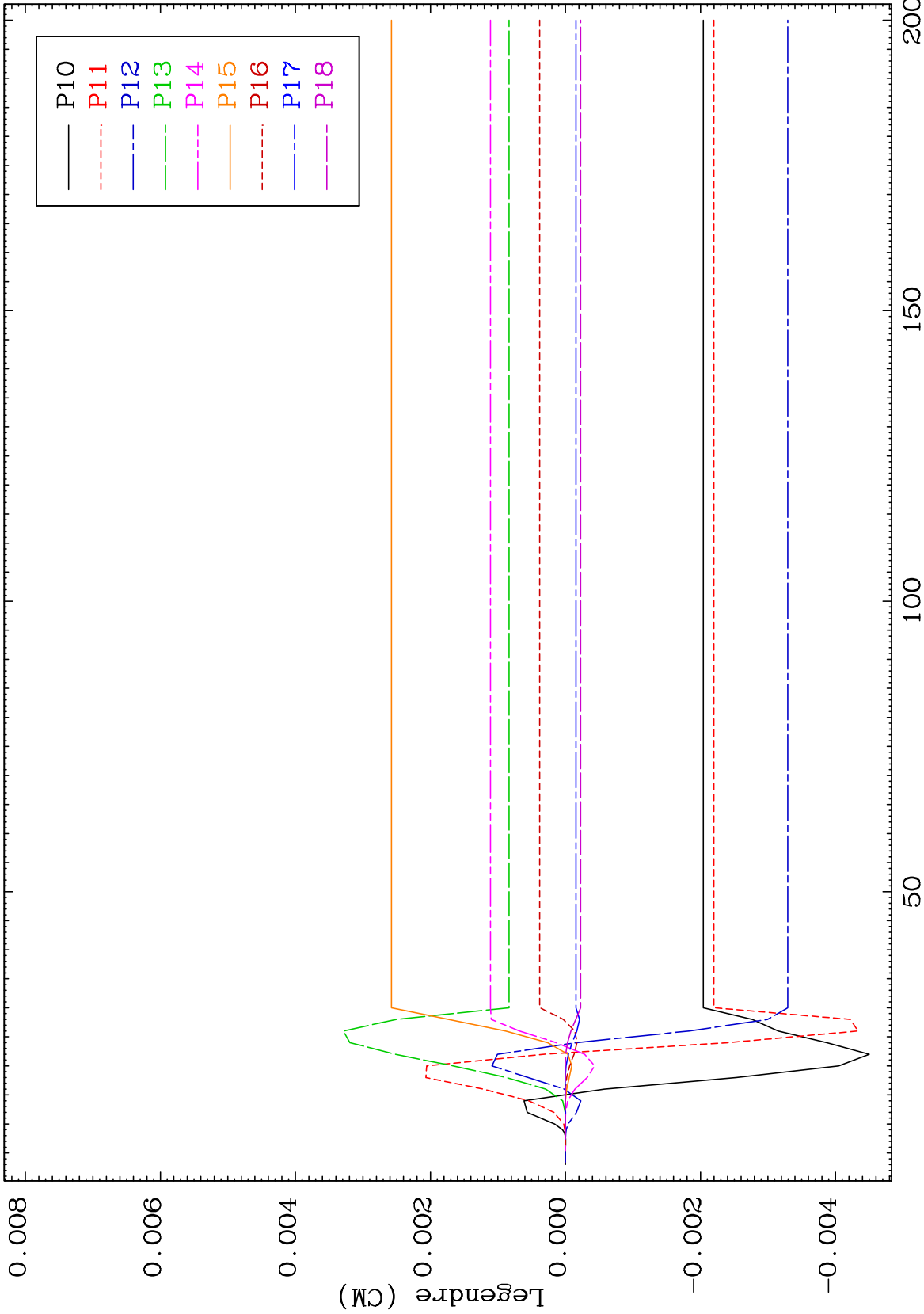
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



82

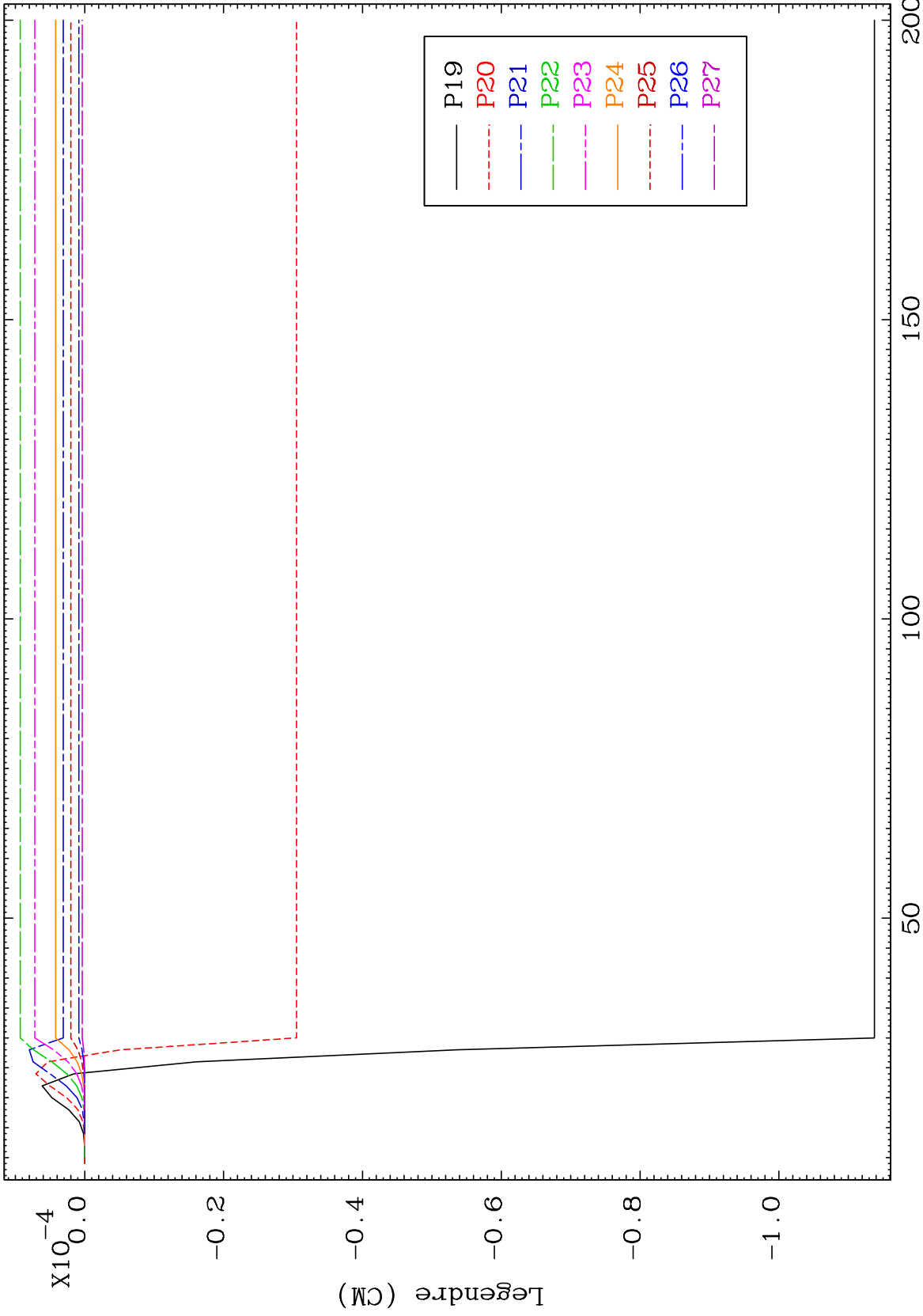
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



50-Sn-112

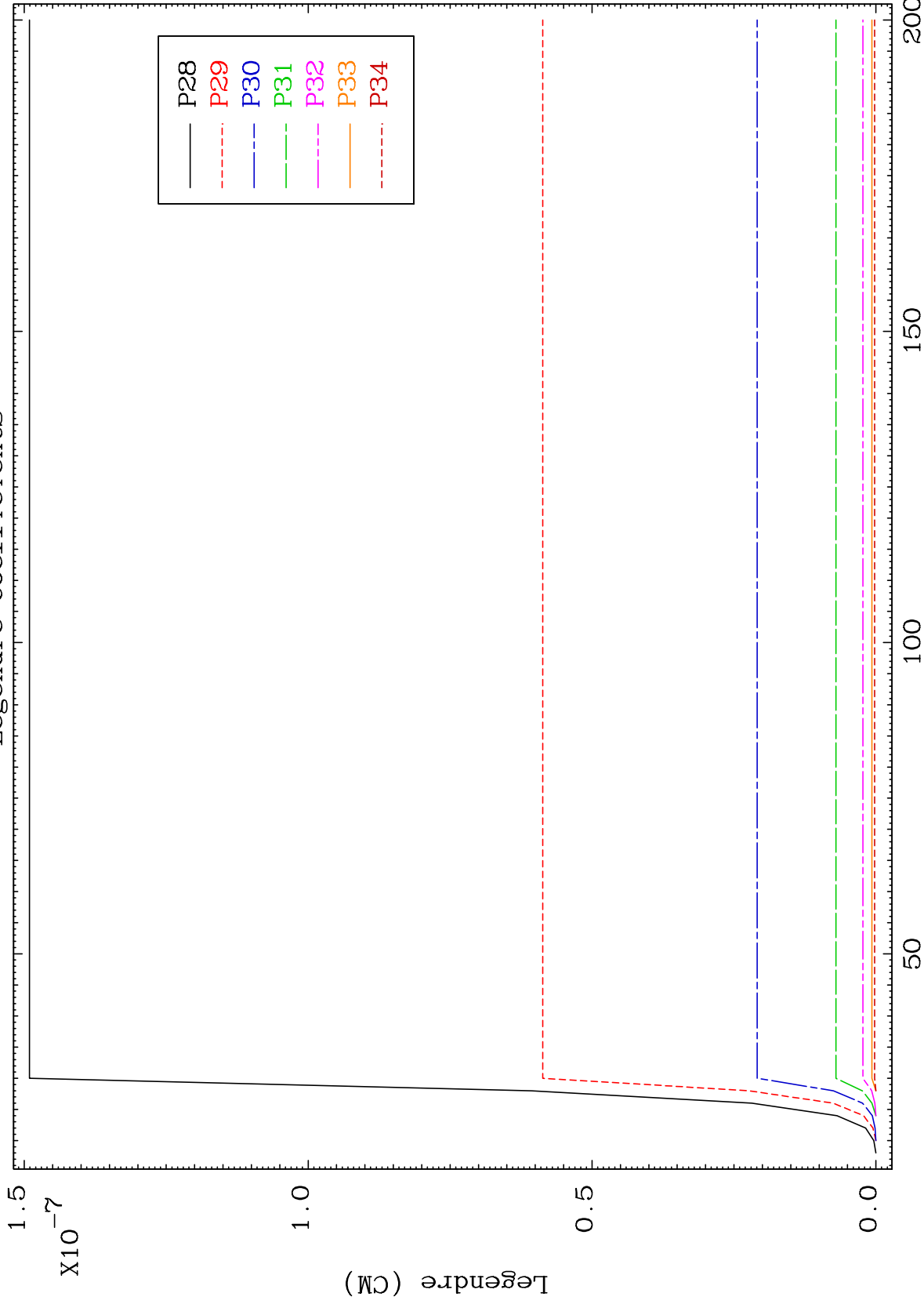
Incident Energy (MeV)

83

MAT 5025

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

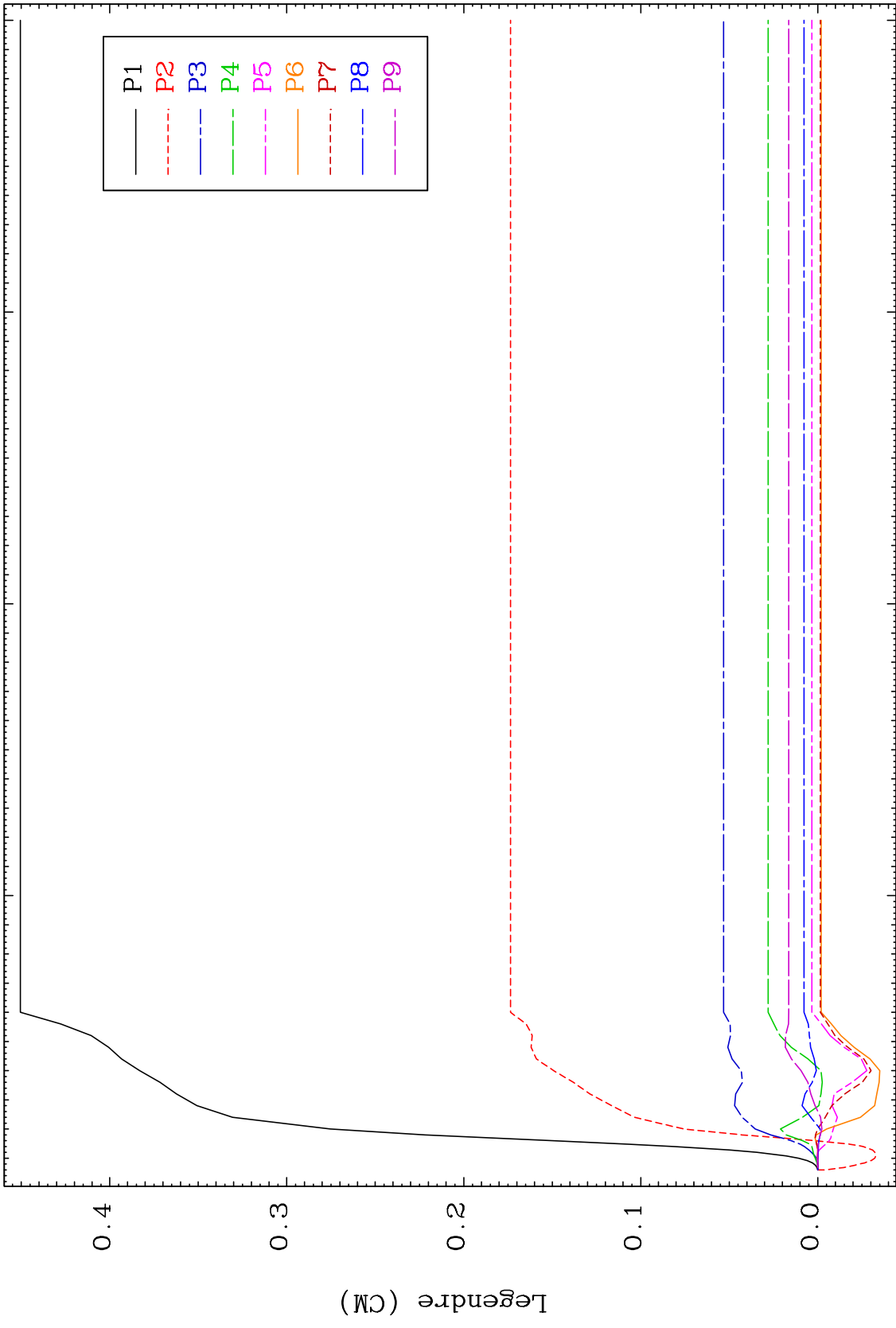
50-Sn-112



84

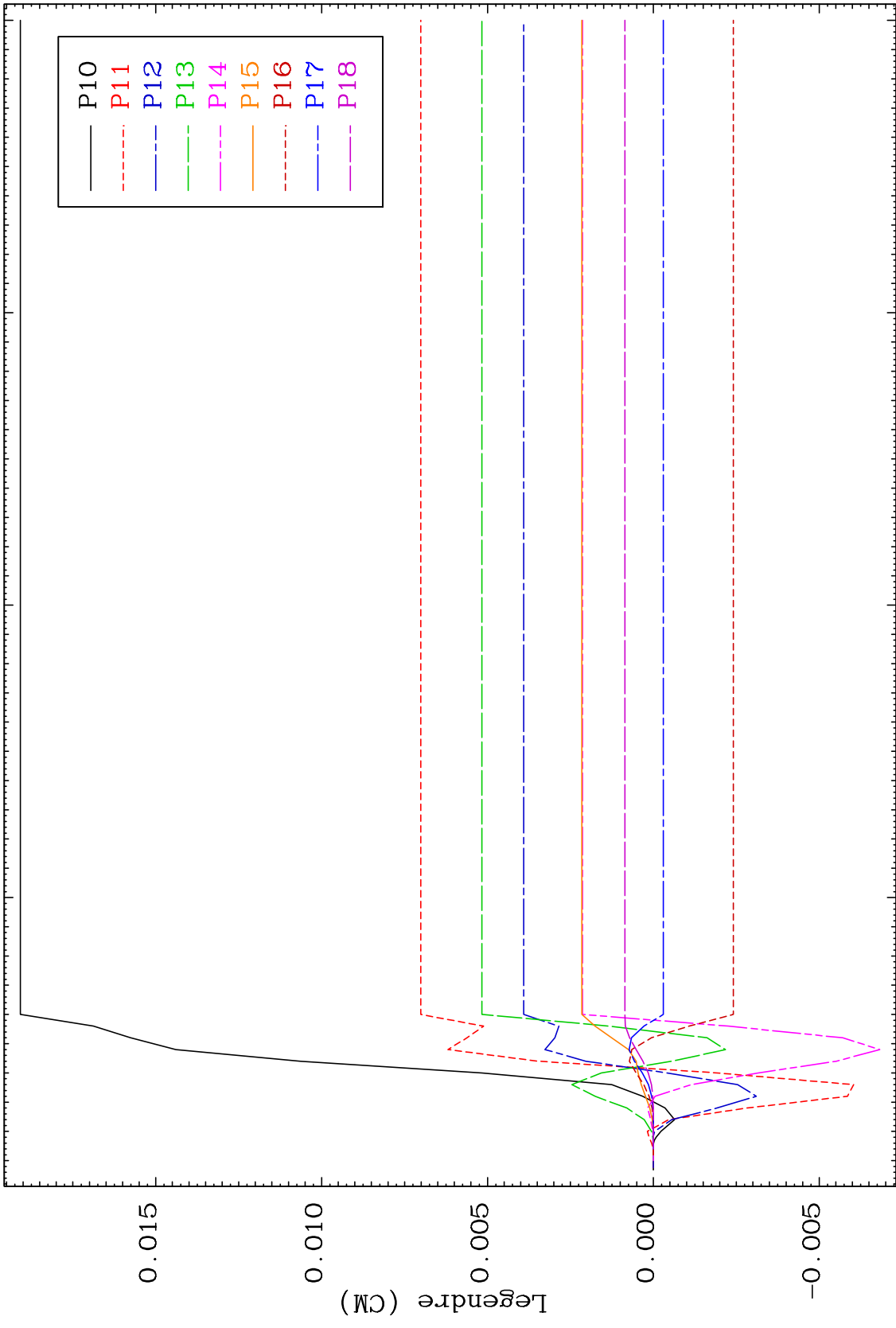
50-Sn-112

MAT 5025 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-112



85 Incident Energy (MeV) 50-Sn-112

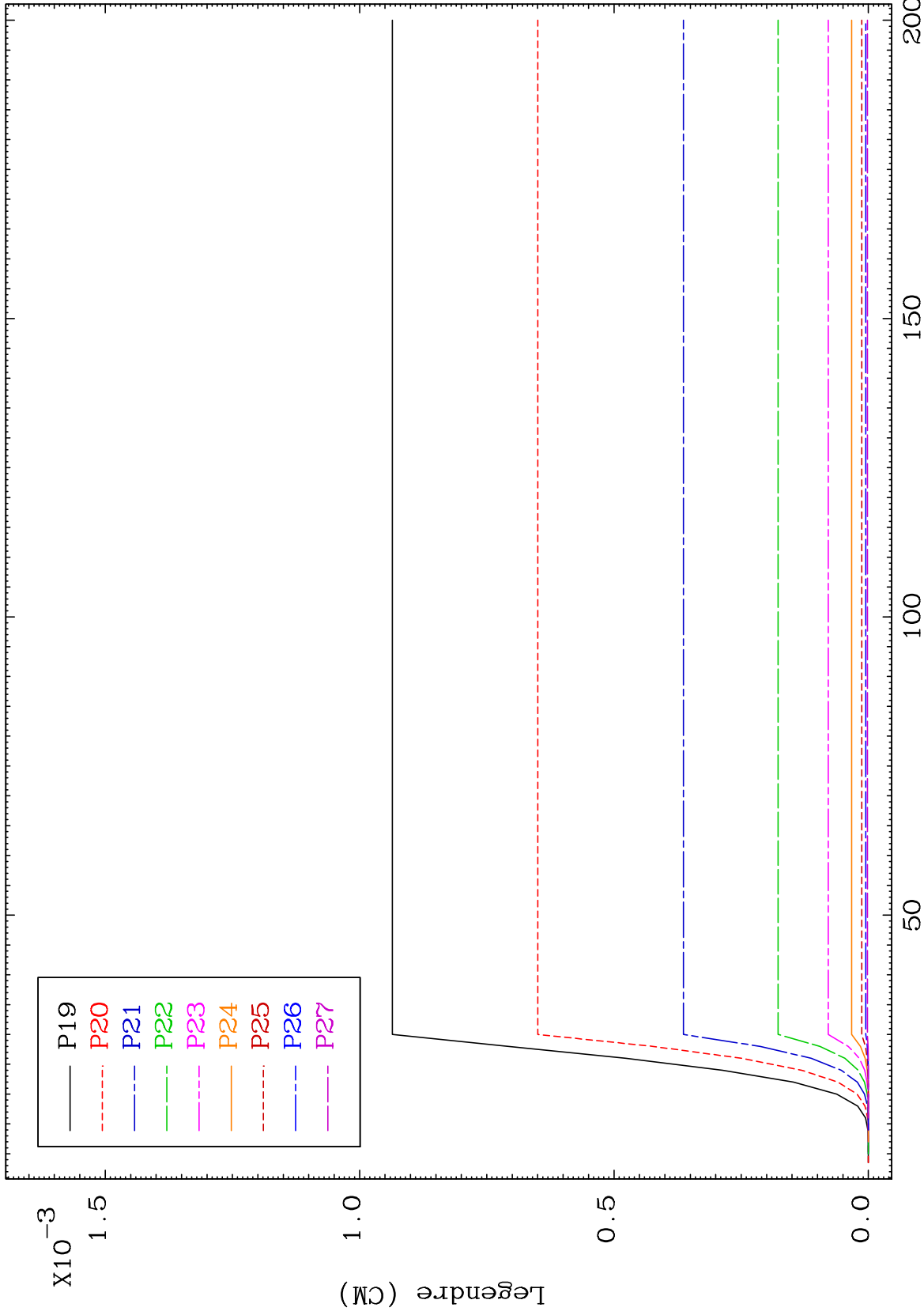
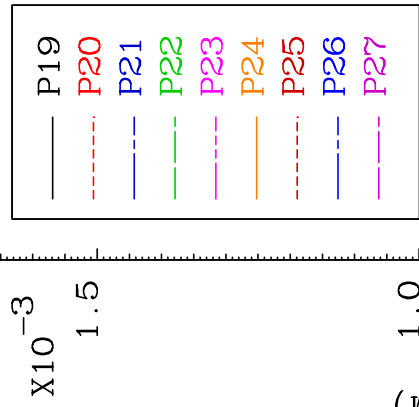
MAT 5025 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112



87

Incident Energy (MeV)

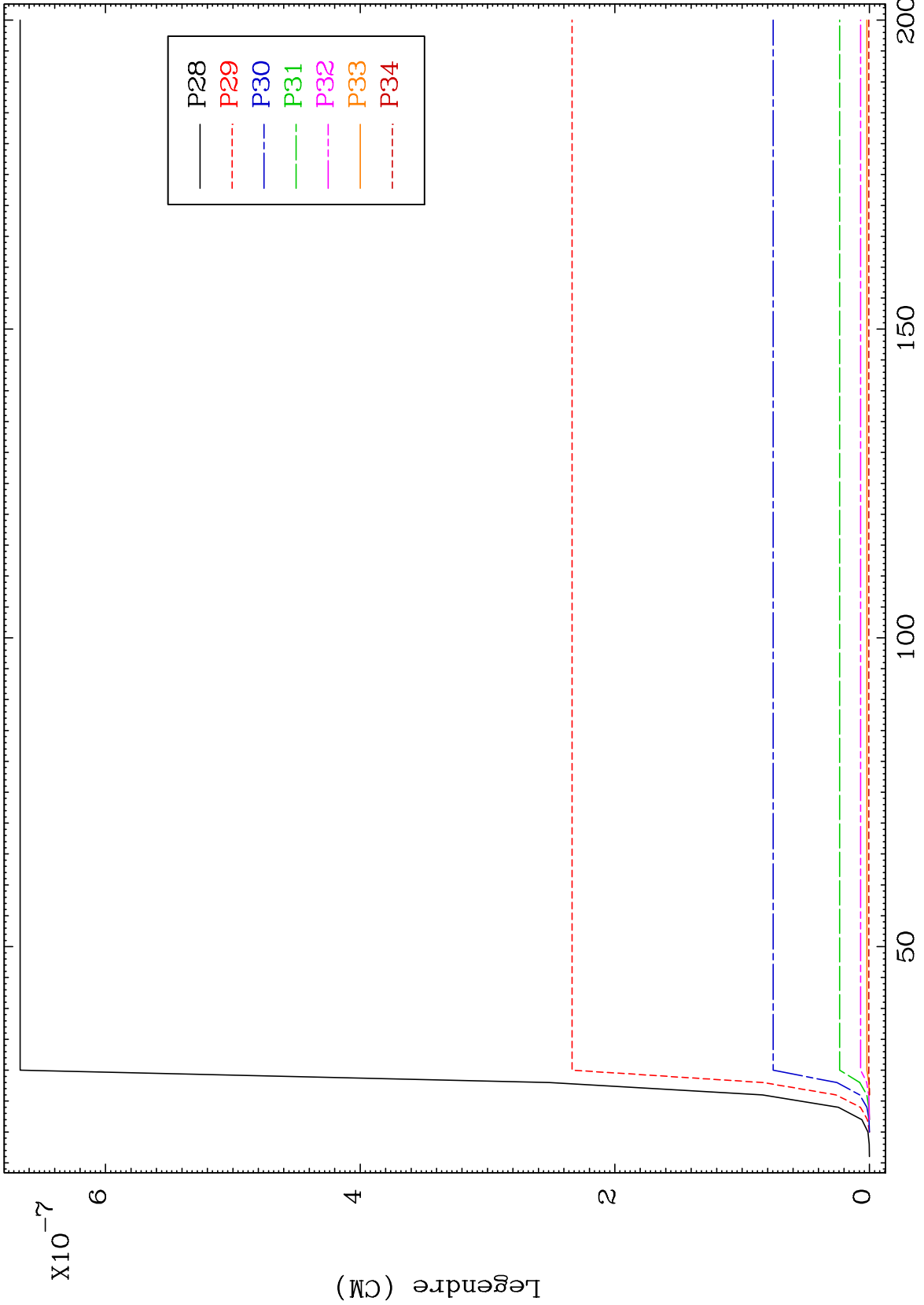
50-Sn-112



MAT 5025

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

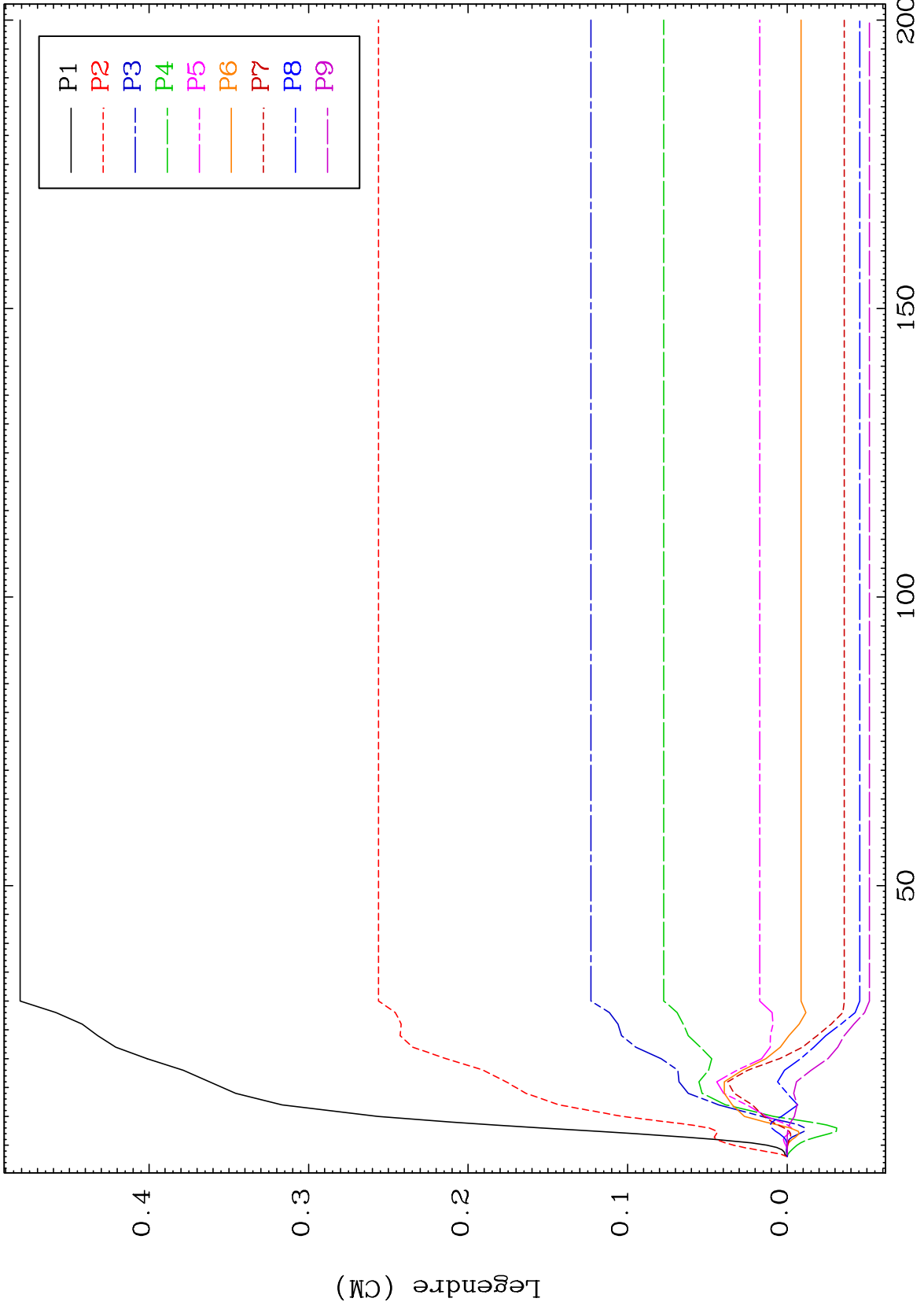
50-Sn-112



MAT 5025

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

50-Sn-112



89

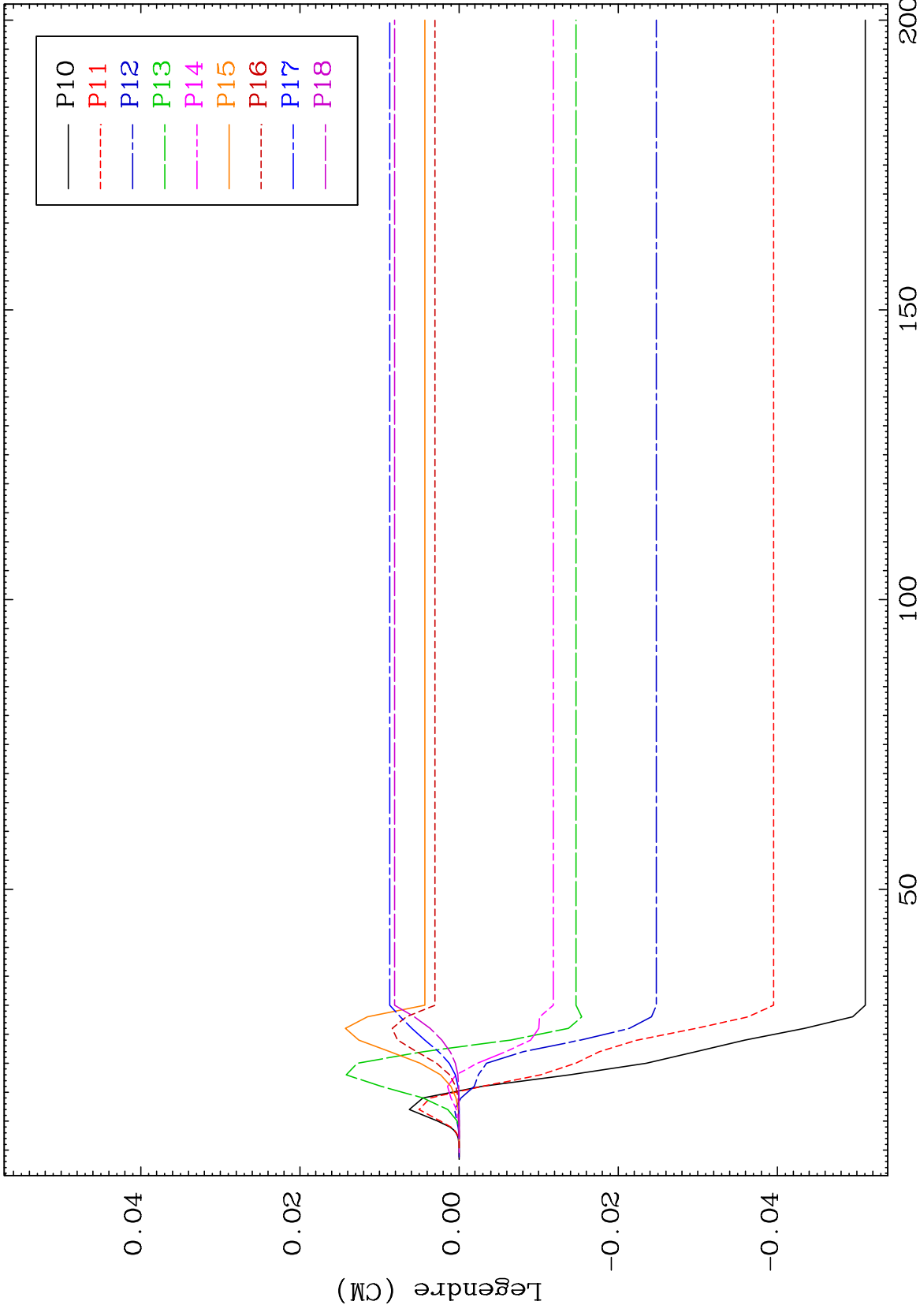
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

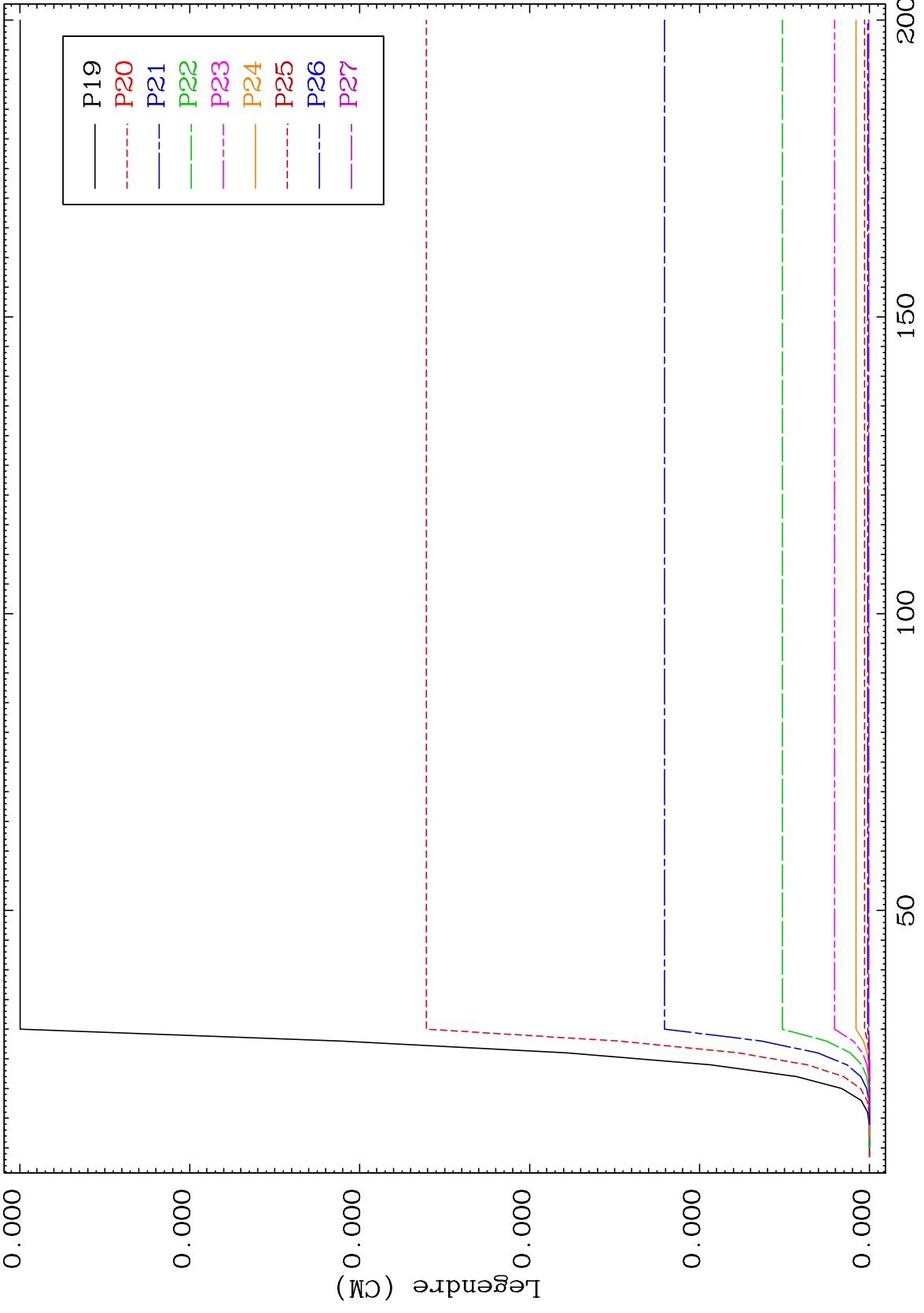


90

Incident Energy (MeV)

50-Sn-112

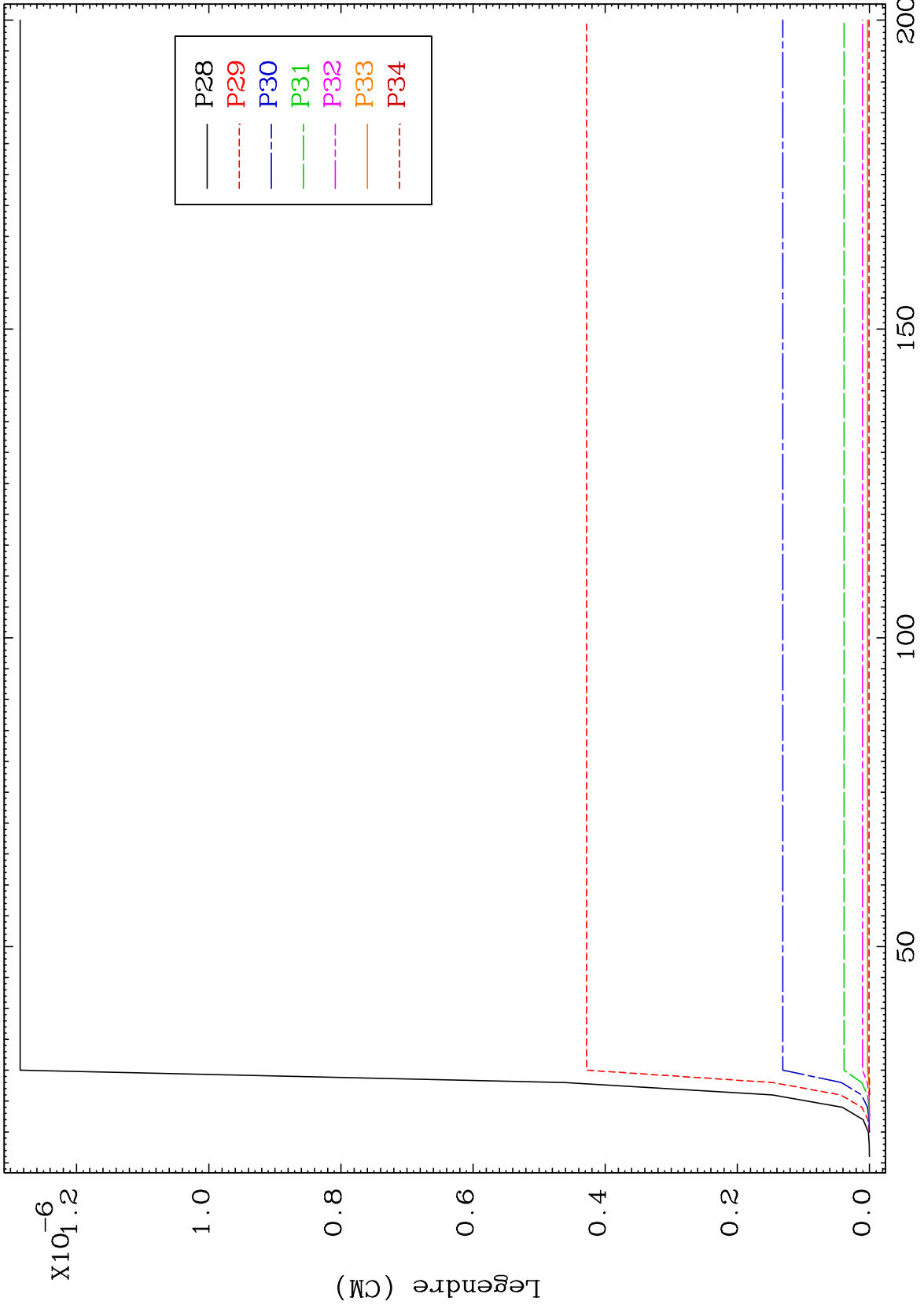
MAT 5025 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

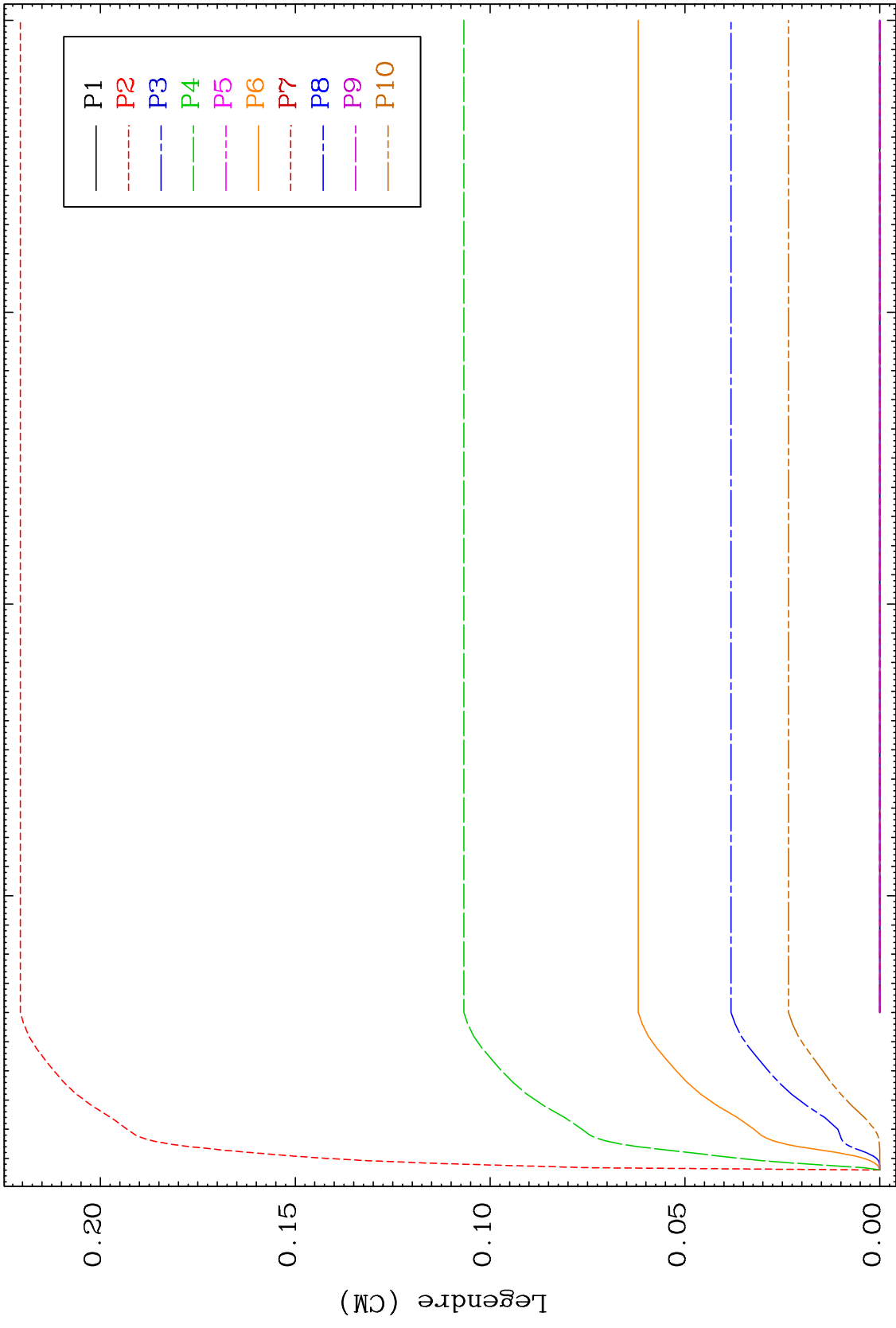
50-Sn-112



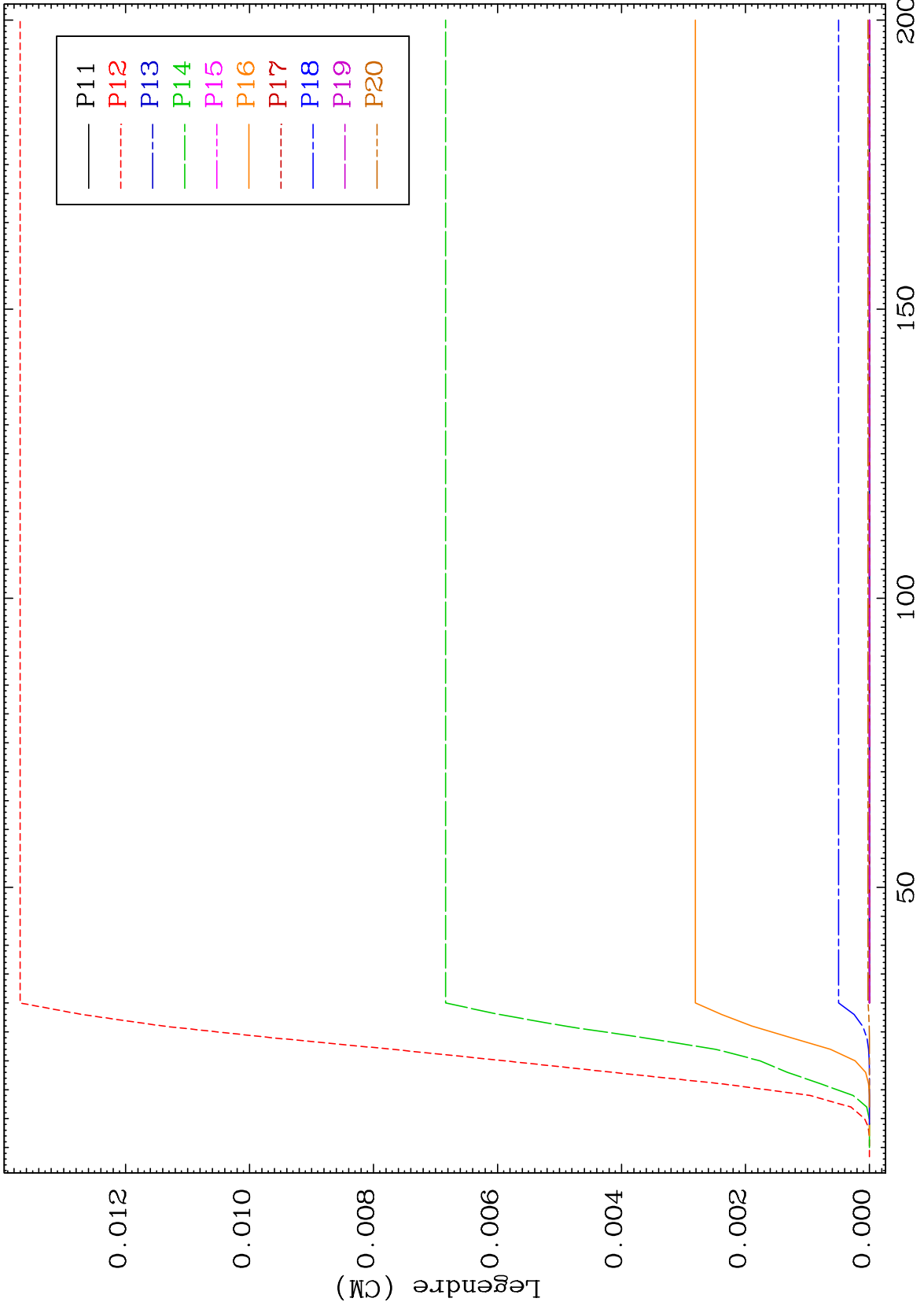
92

50-Sn-112

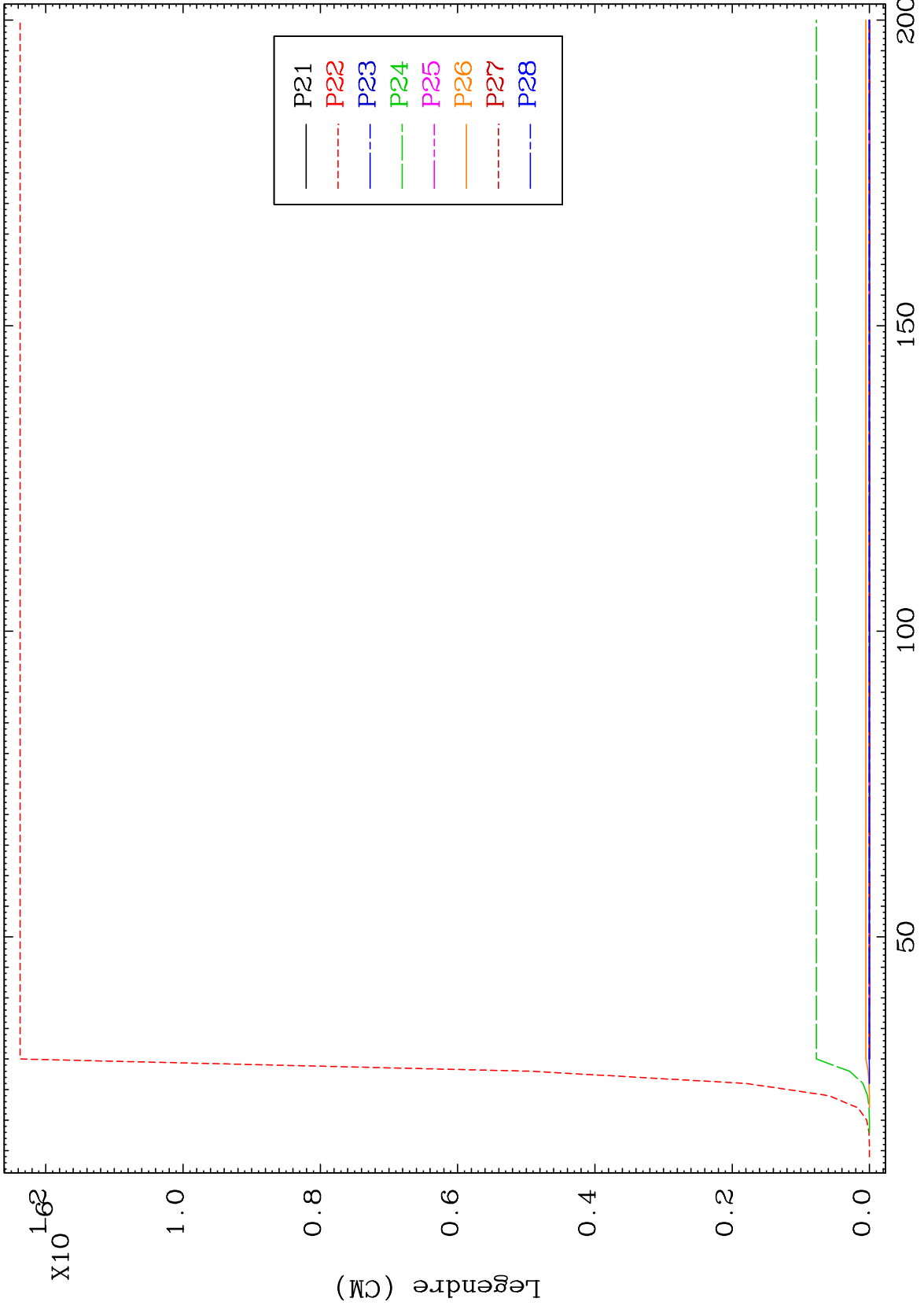
MAT 5025 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-112



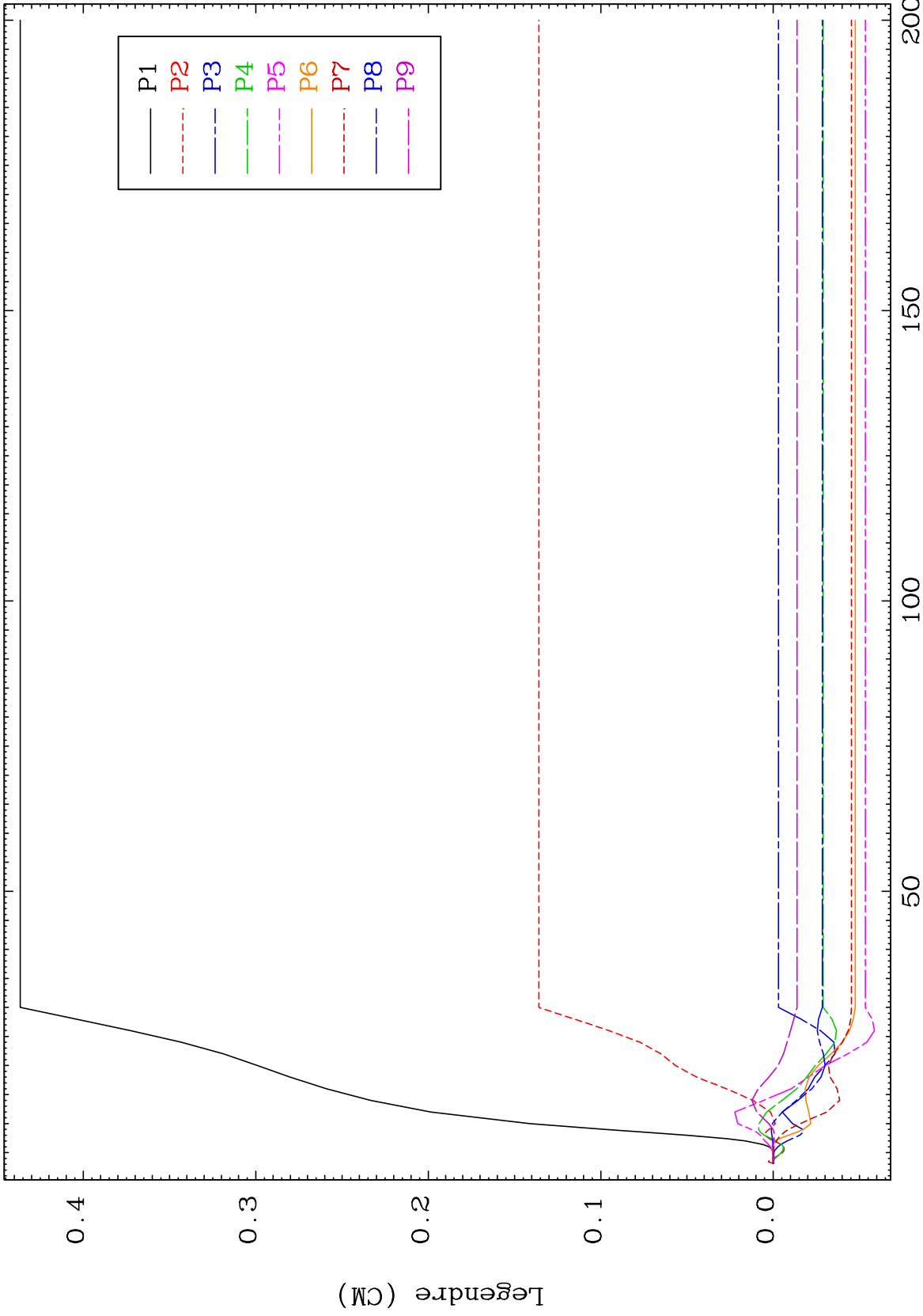
95 50 100 150 200 Incident Energy (MeV) 50-Sn-112



MAT 5025

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

50-Sn-112

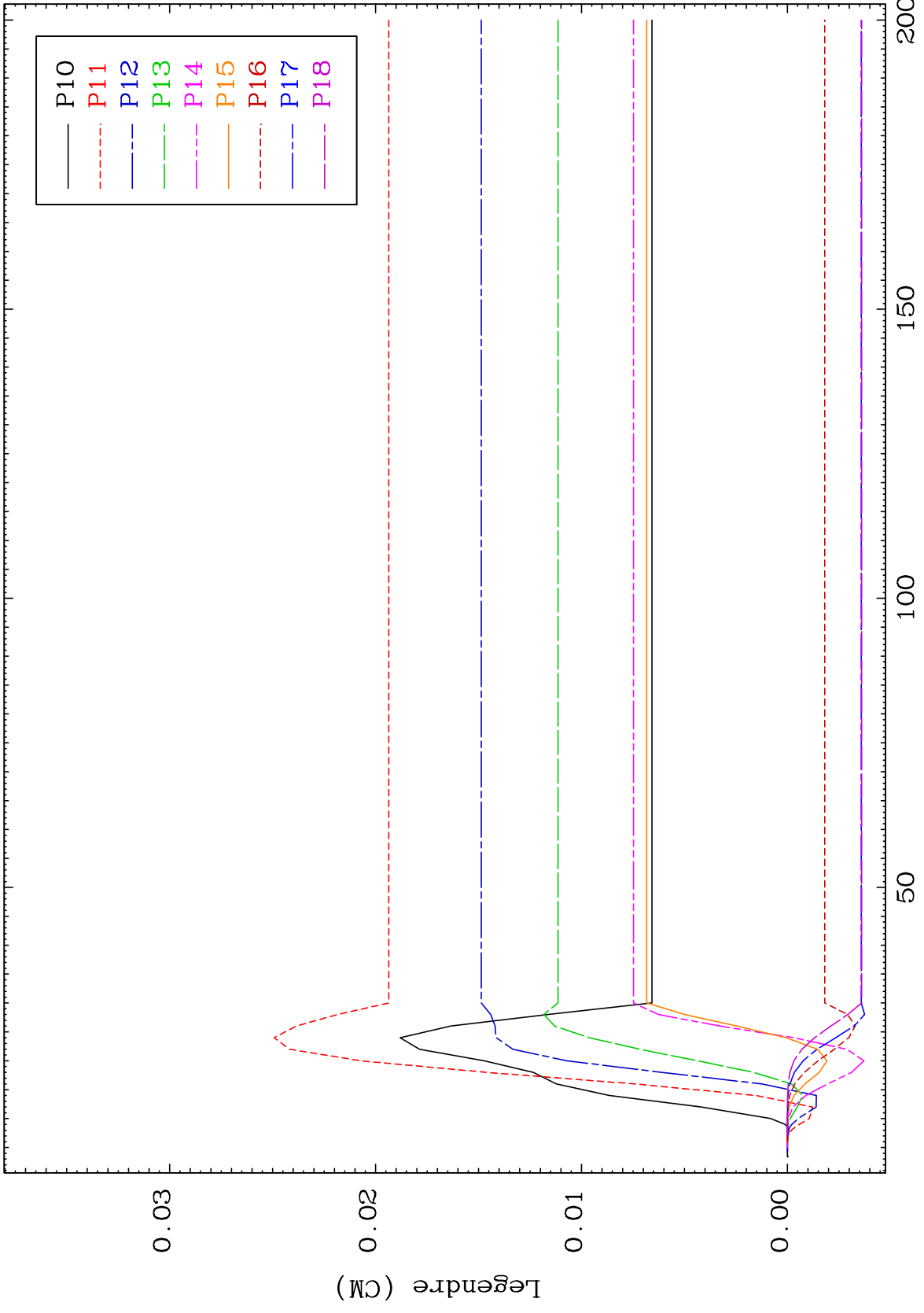


96

Incident Energy (MeV)

50-Sn-112

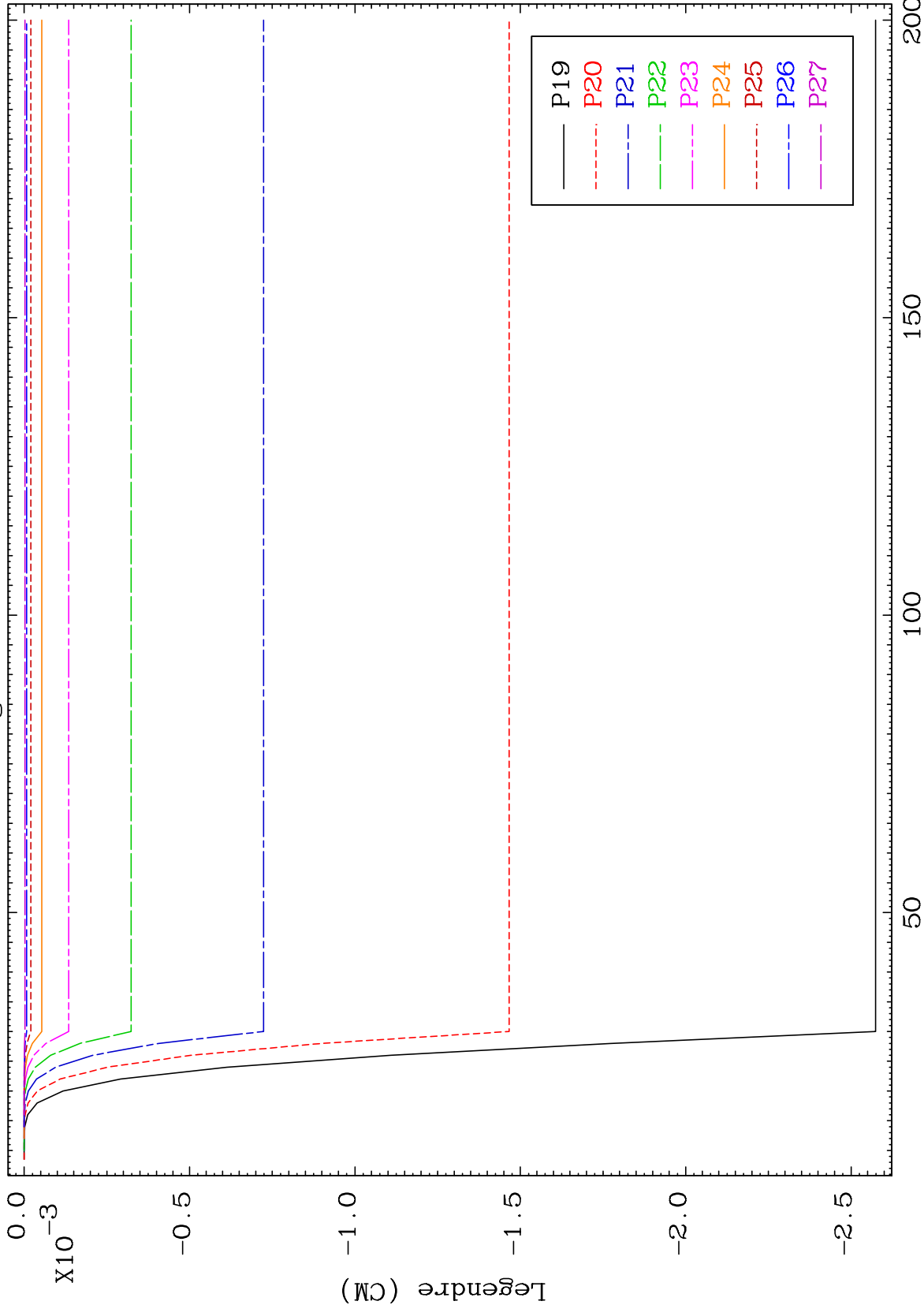
MAT 5025 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112

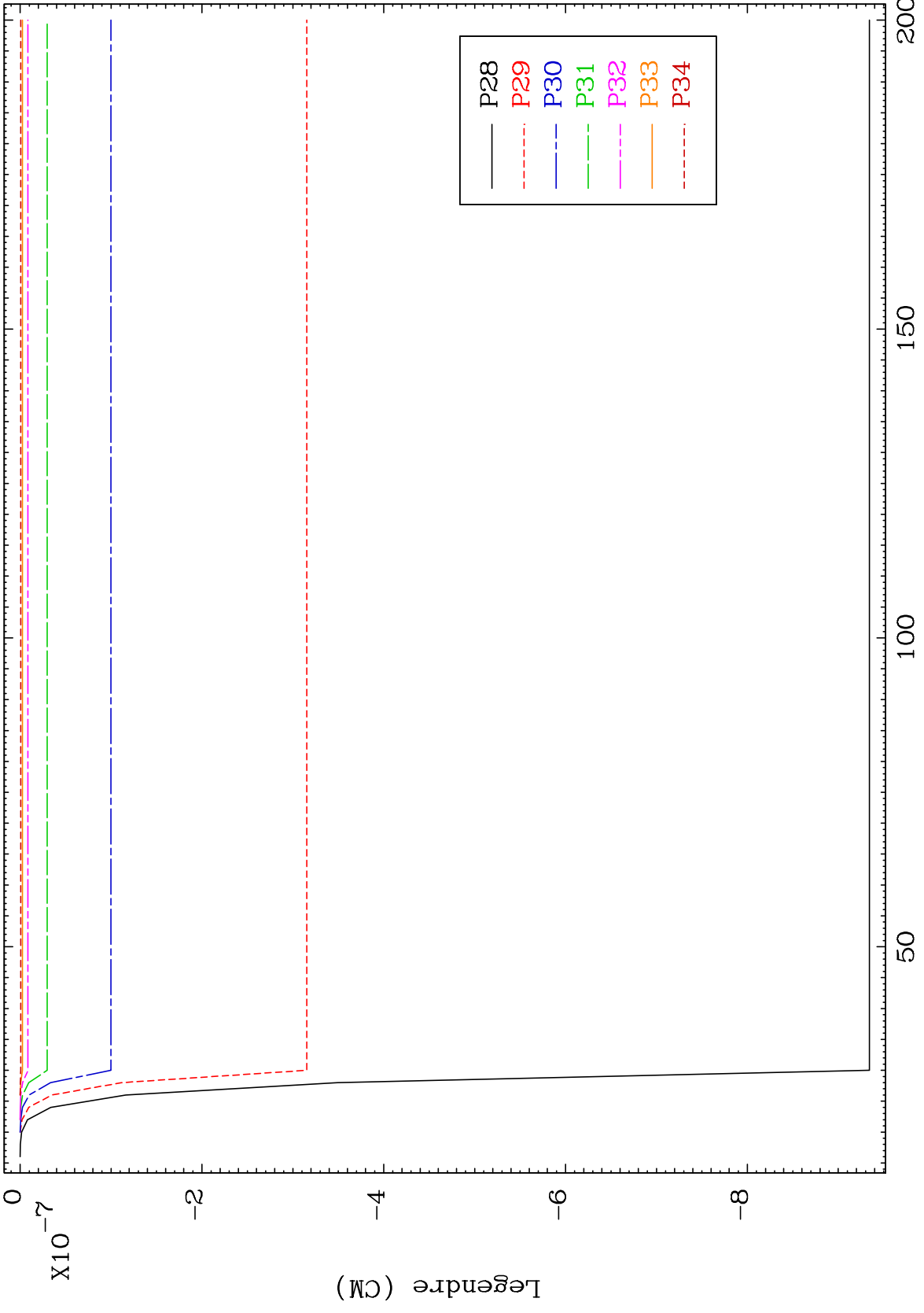


50-Sn-112

Incident Energy (MeV)

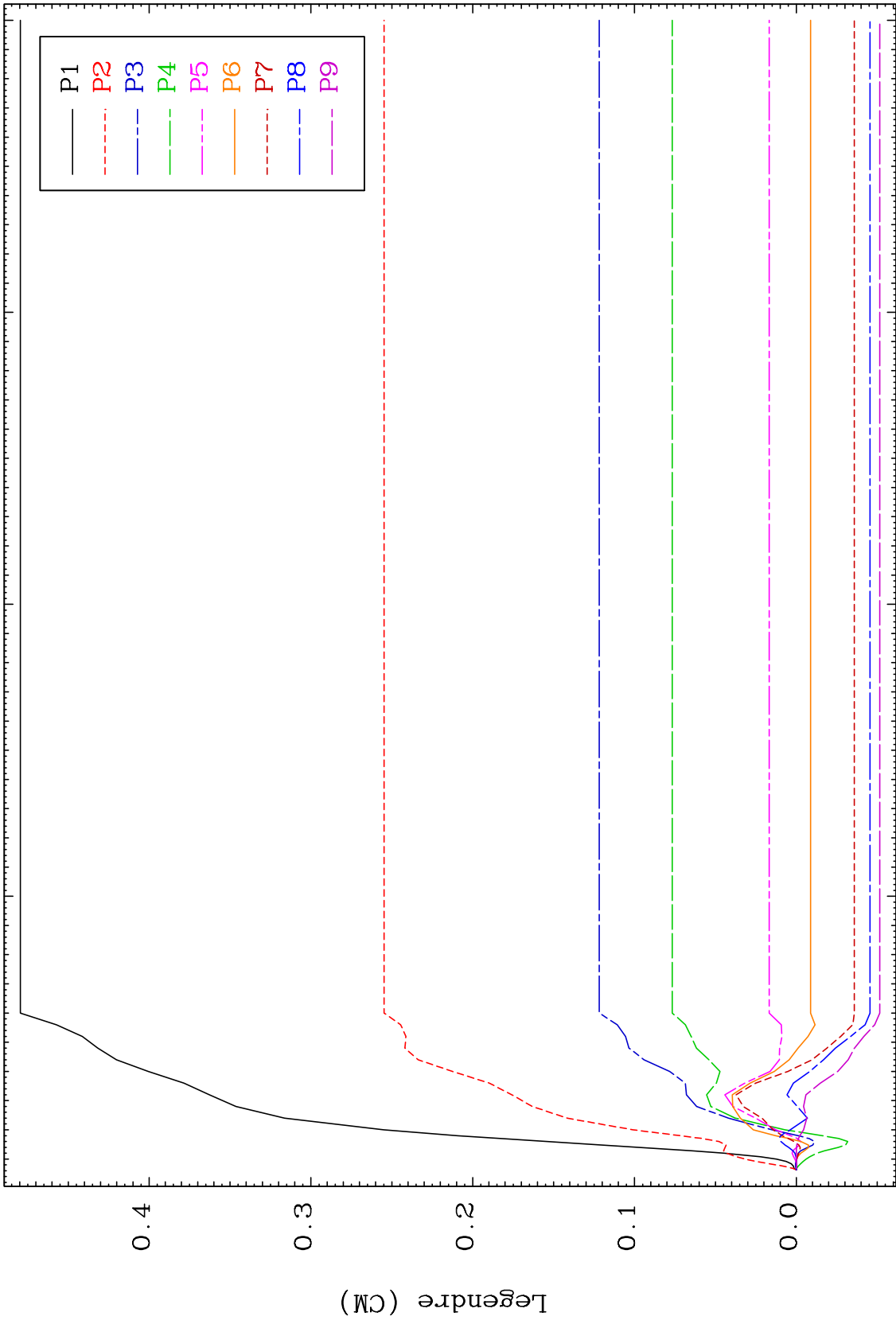
98

MAT 5025 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-112



99 50-Sn-112

MAT 5025 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-112

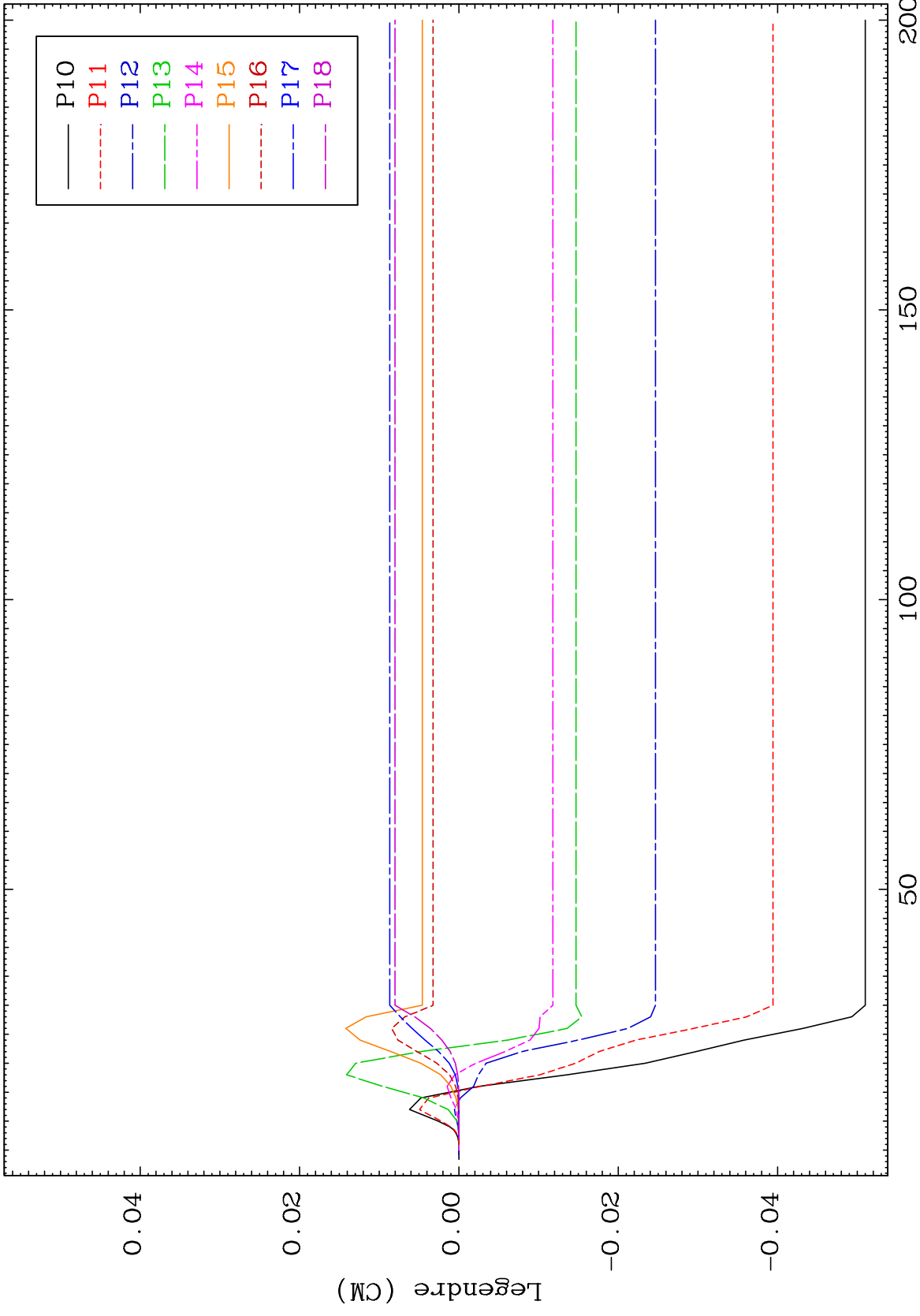


Incident Energy (MeV) 50-Sn-112

MAT 5025

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

50-Sn-112

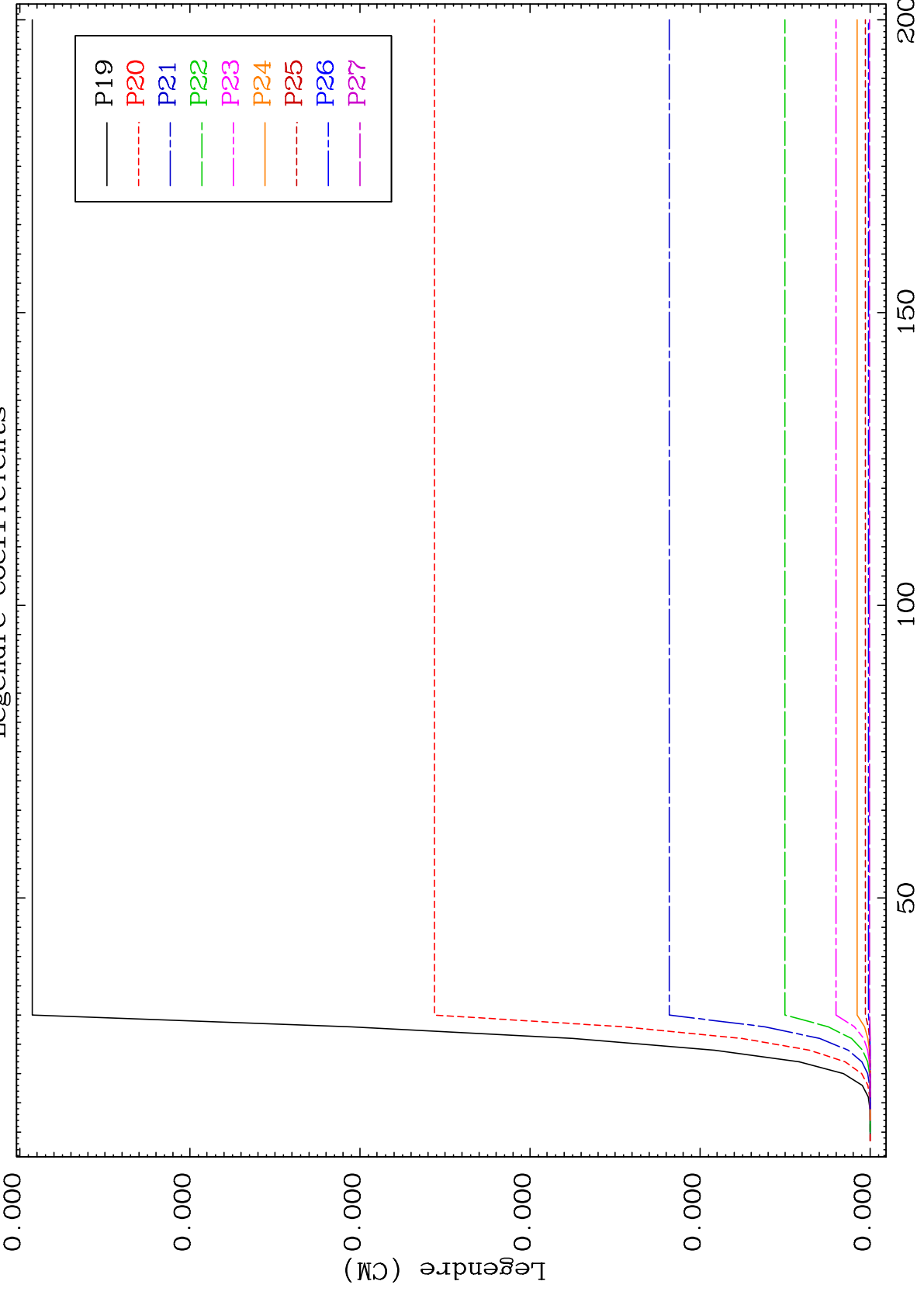


101

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-112

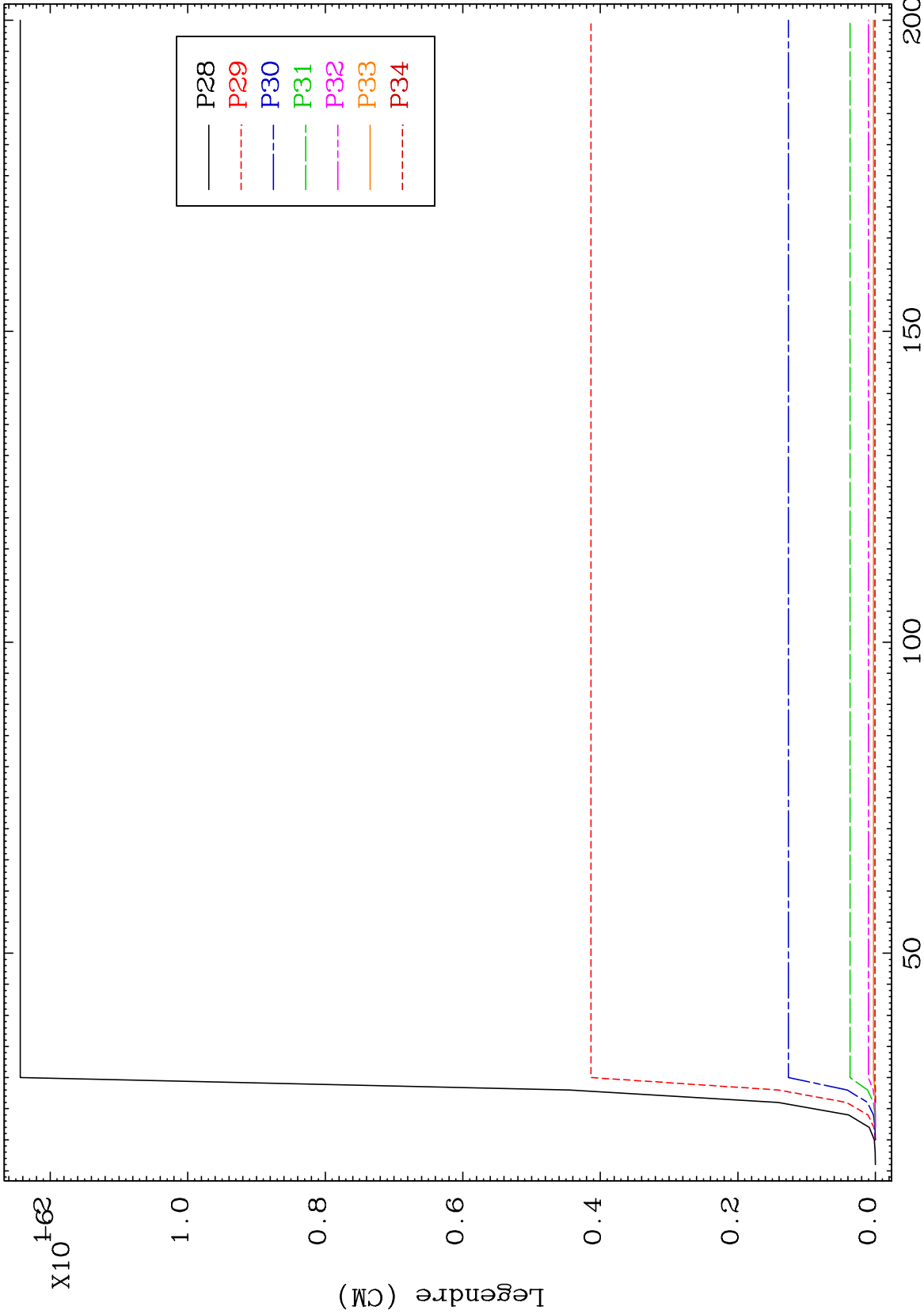


102 Incident Energy (MeV) 50-Sn-112

MAT 5025

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

50-Sn-112



103

Incident Energy (MeV)

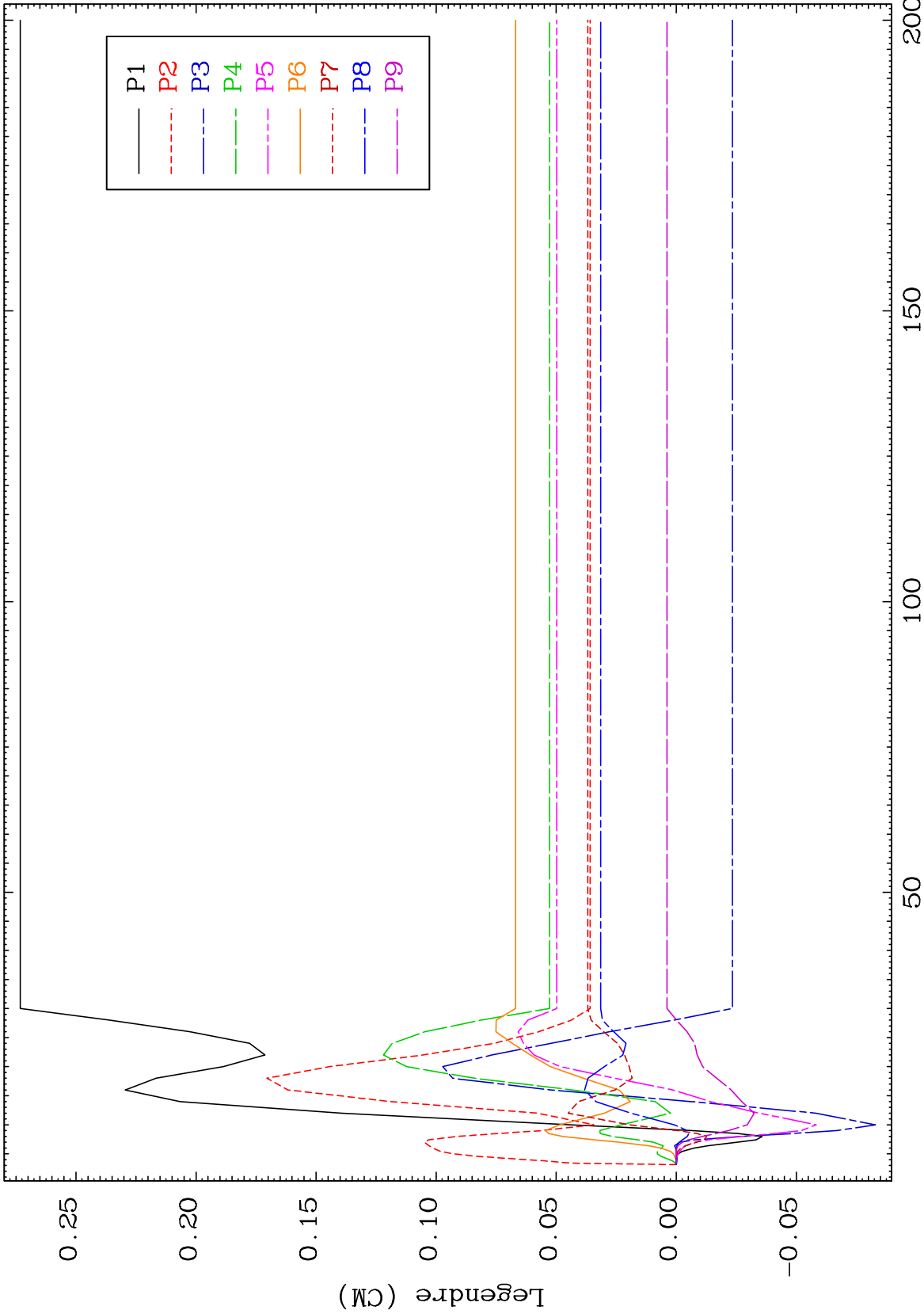
50-Sn-112



MAT 5025

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

50-Sn-112

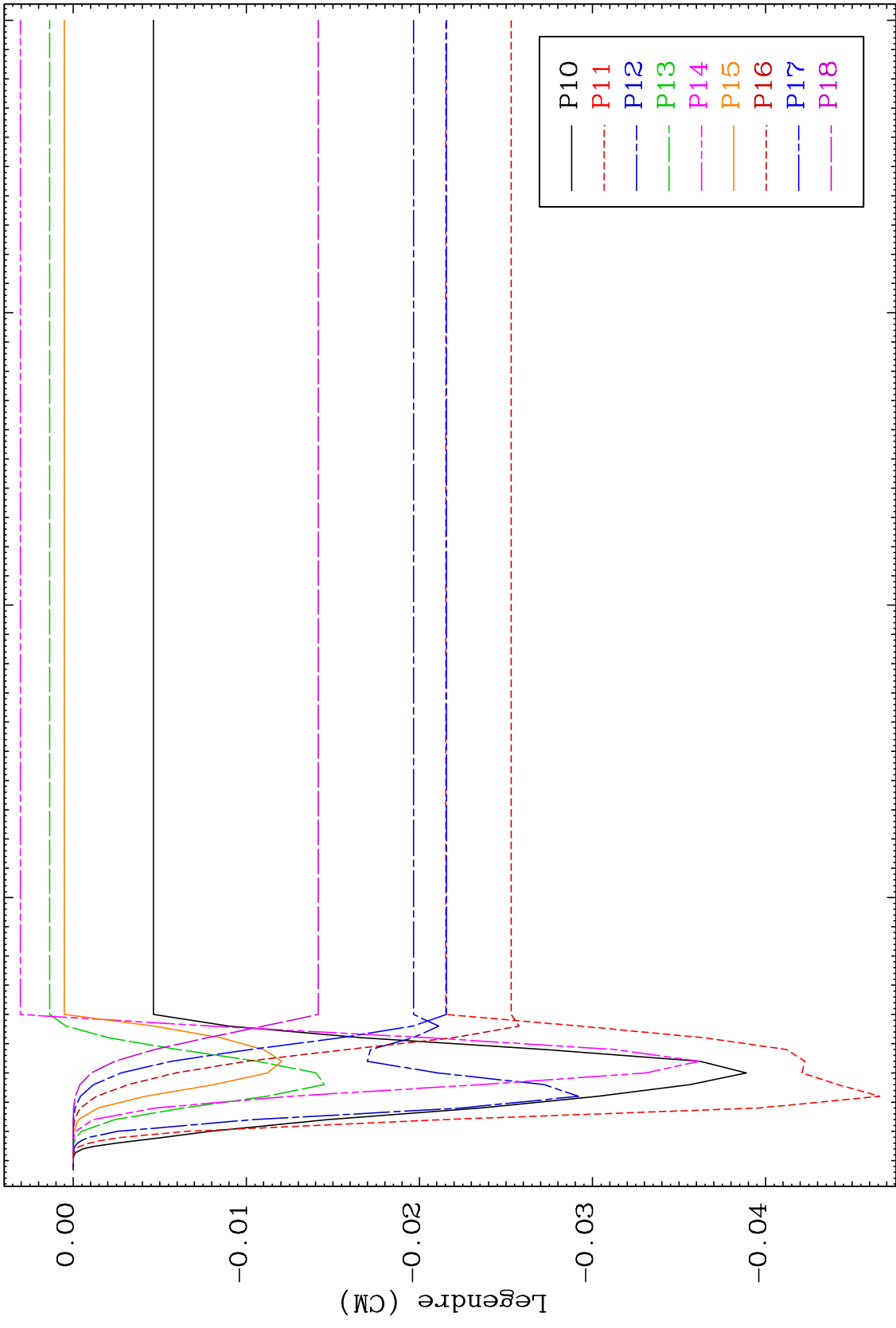


104

Incident Energy (MeV)

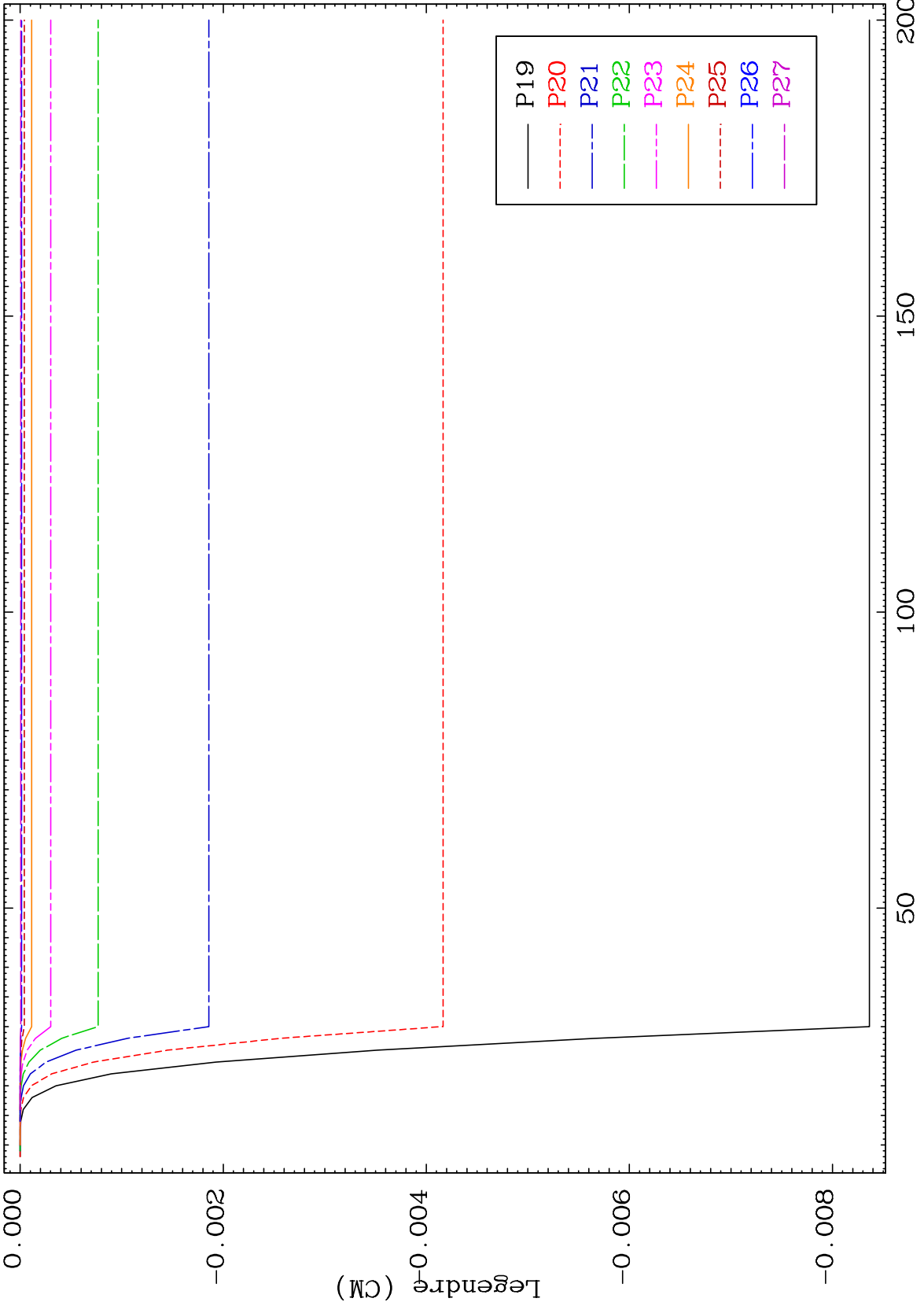
50-Sn-112

MAT 5025 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-112

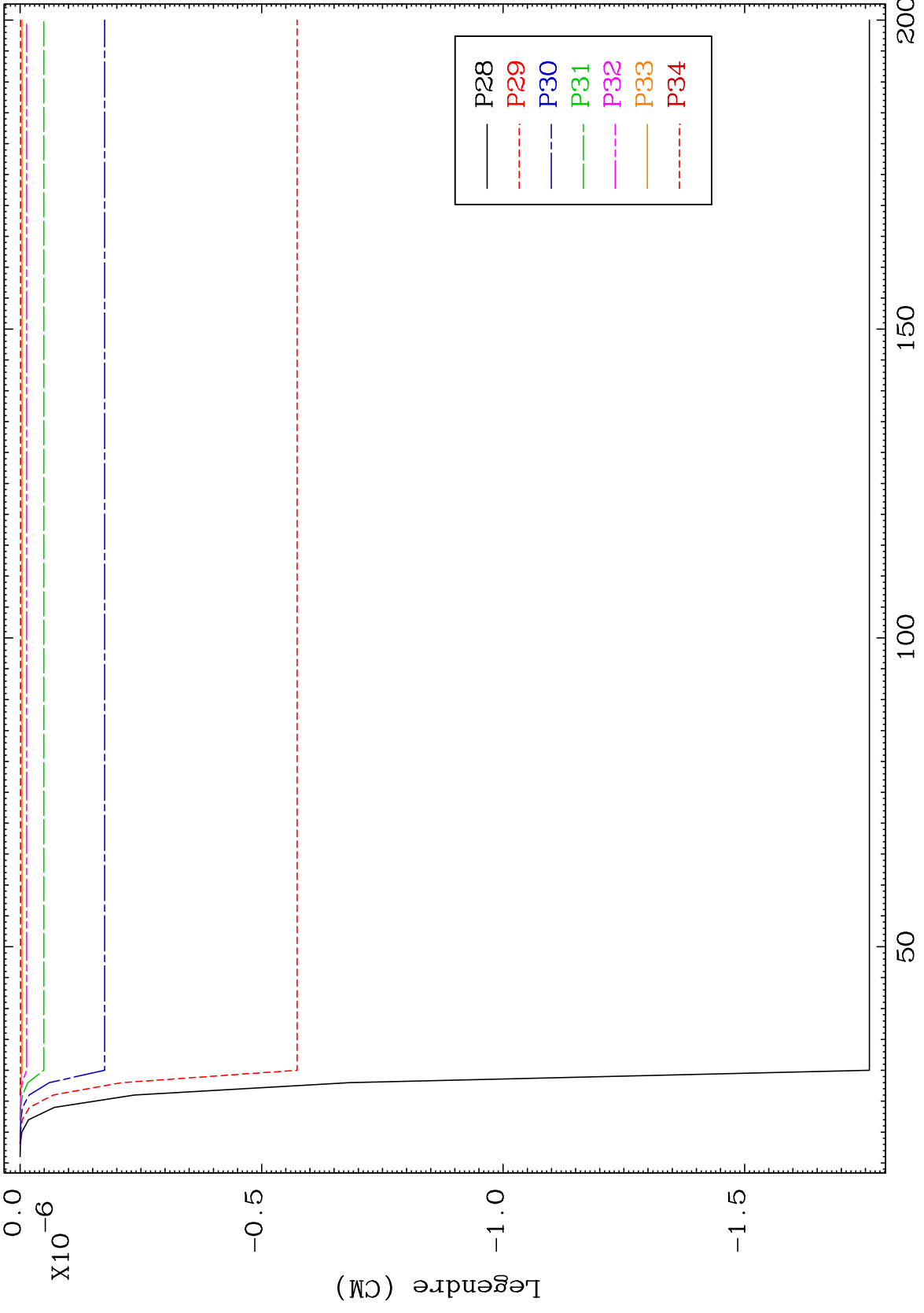


Incident Energy (MeV) 50-Sn-112

MAT 5025 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-112

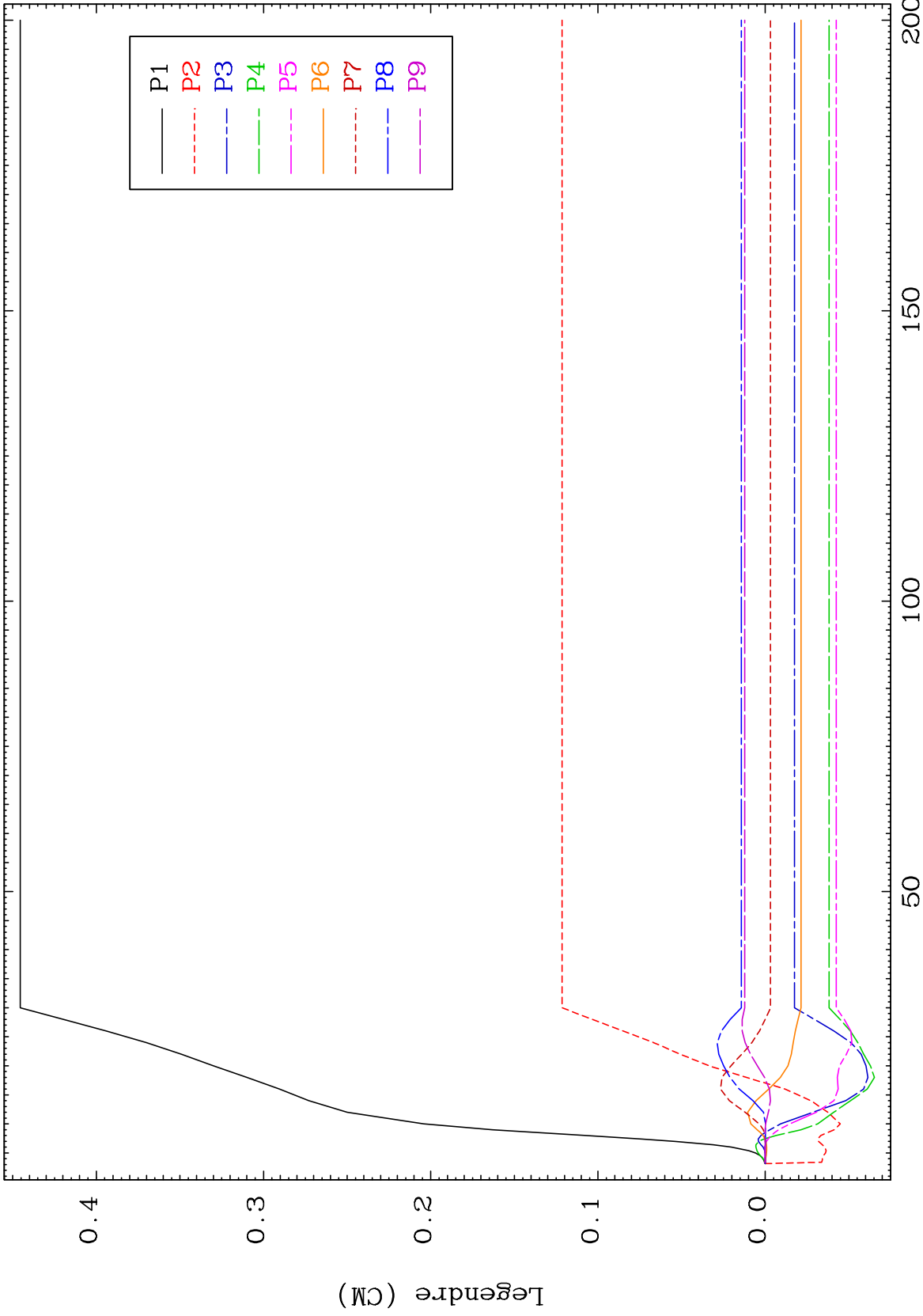


107 50-Sn-112

MAT 5025

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

50-Sn-112



108

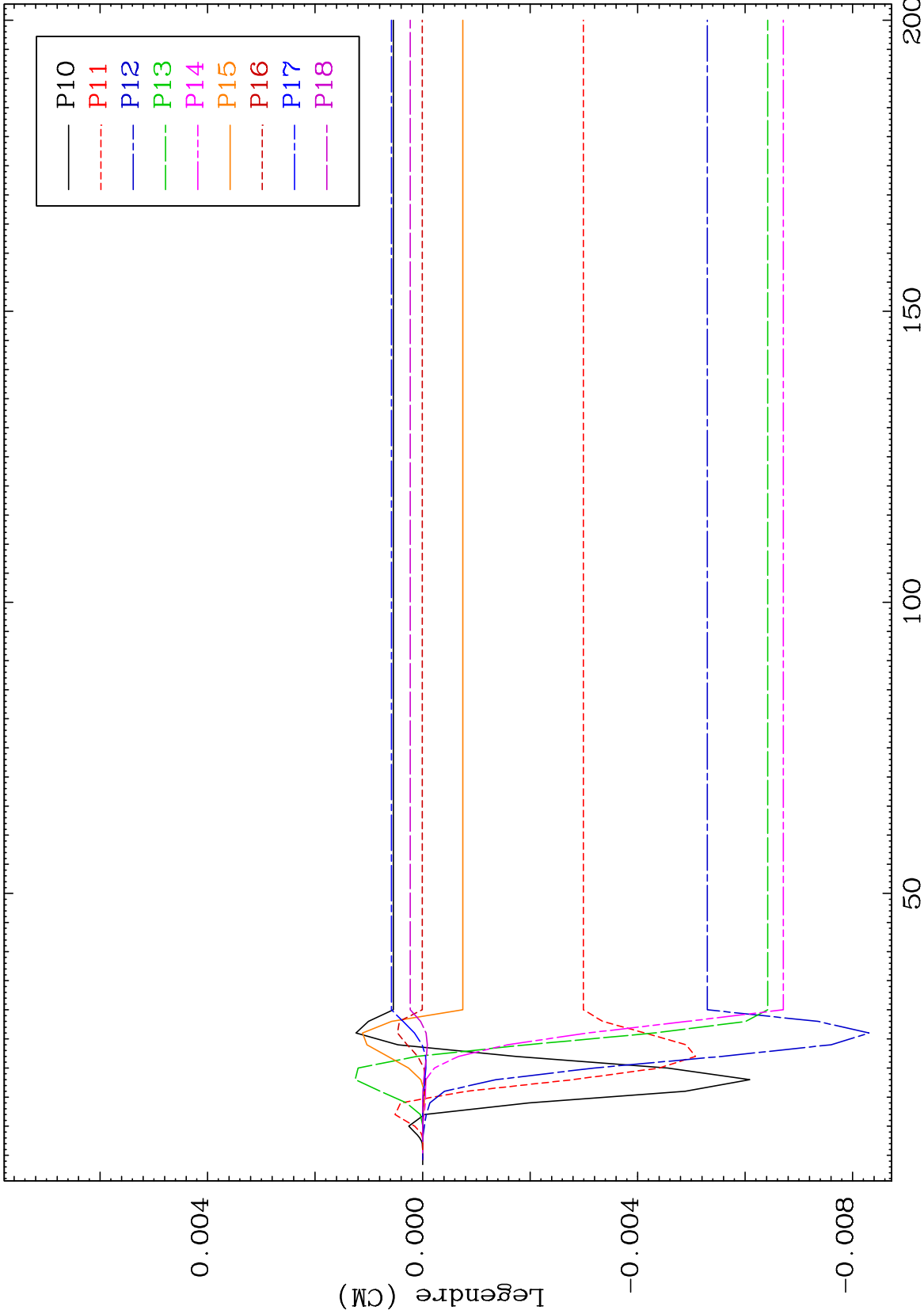
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



109

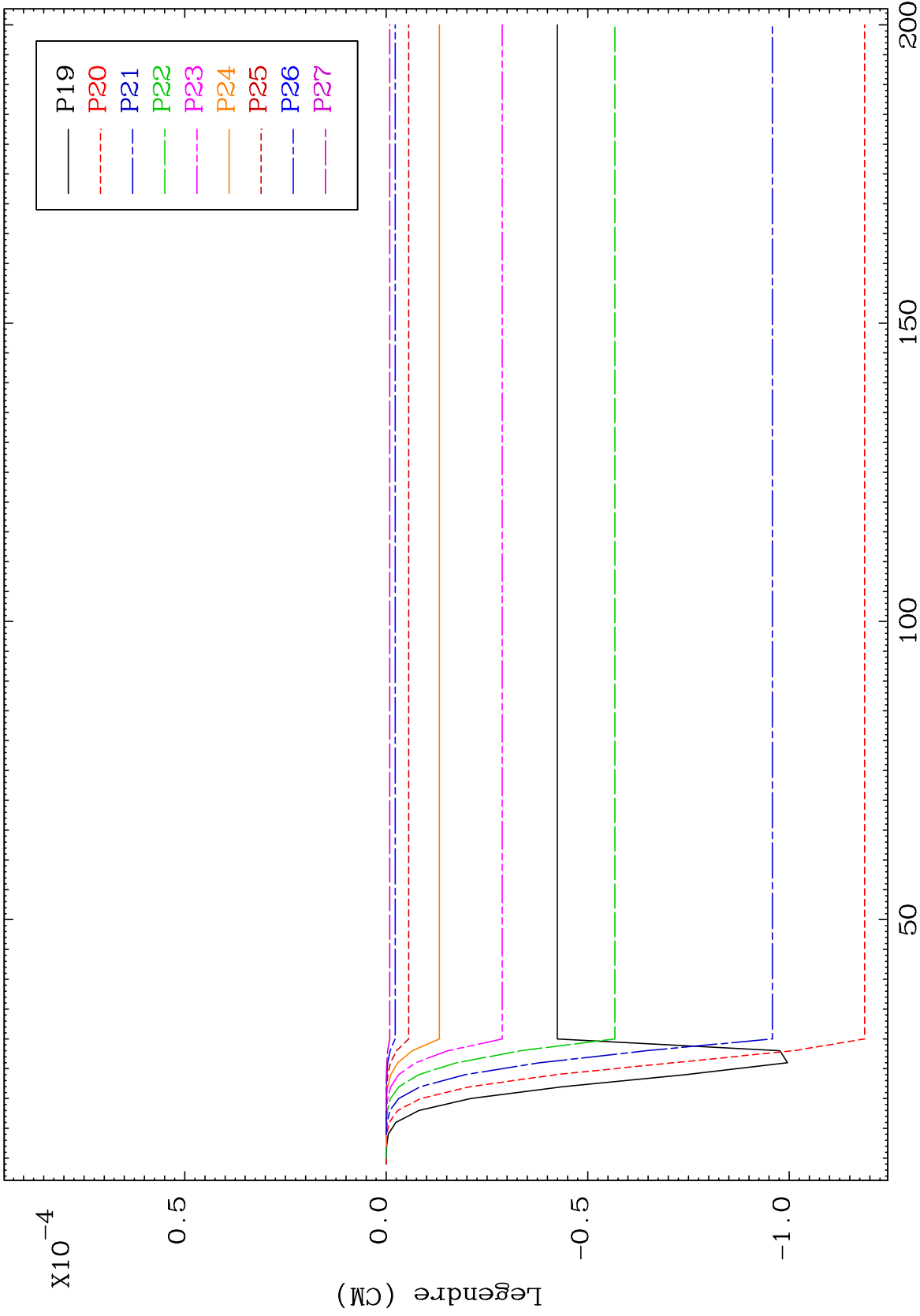
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



110

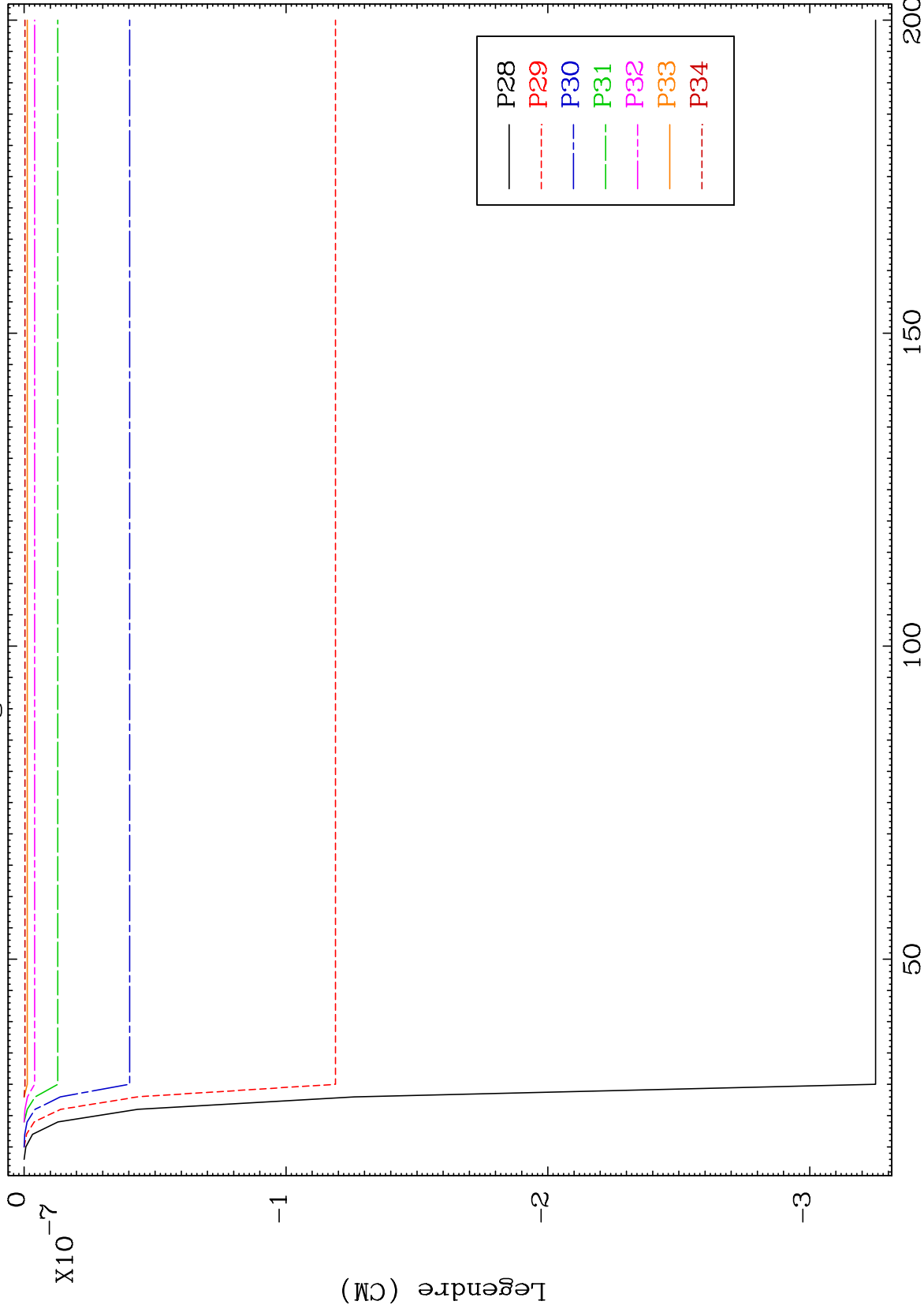
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

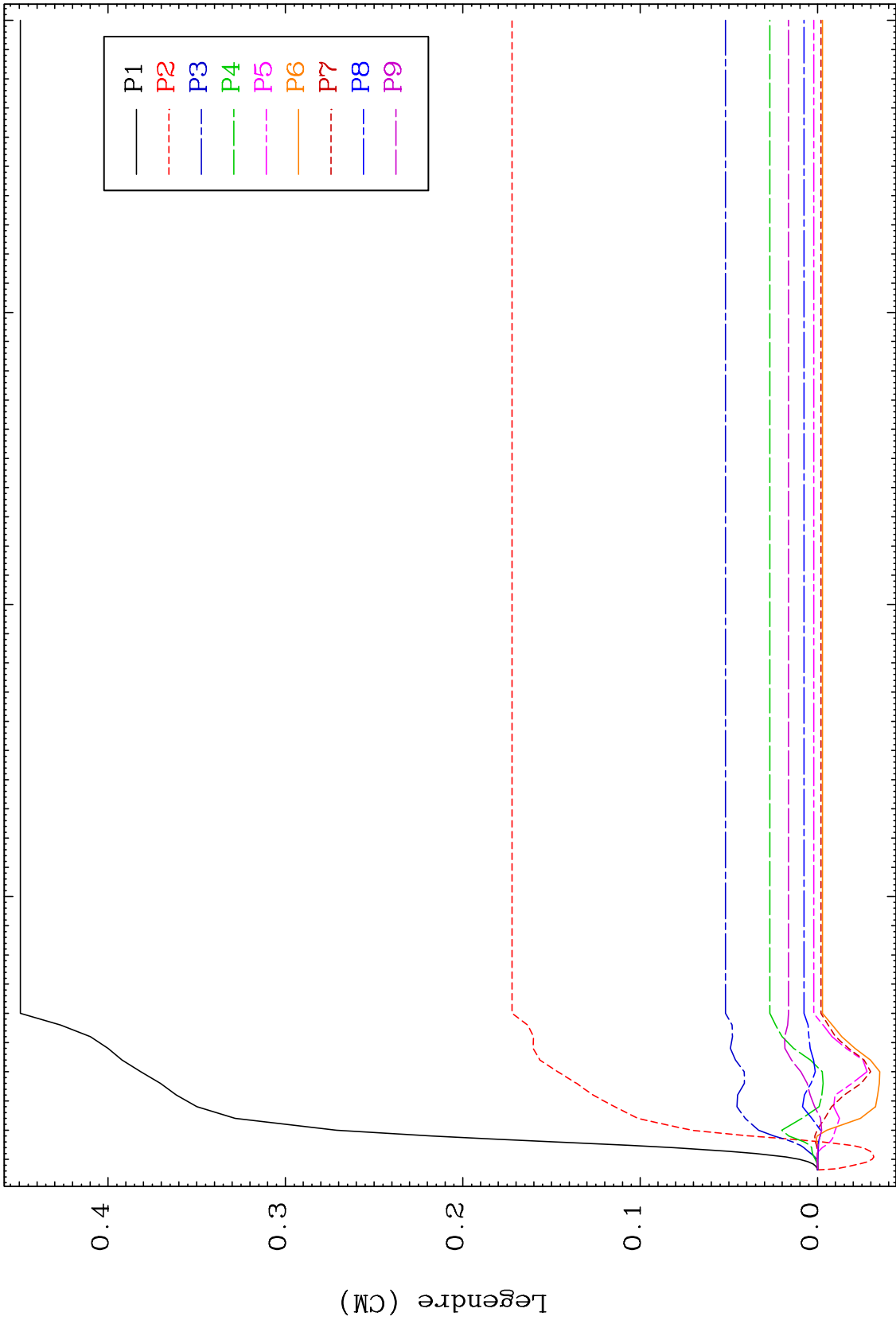


111

50-Sn-112



MAT 5025 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-112

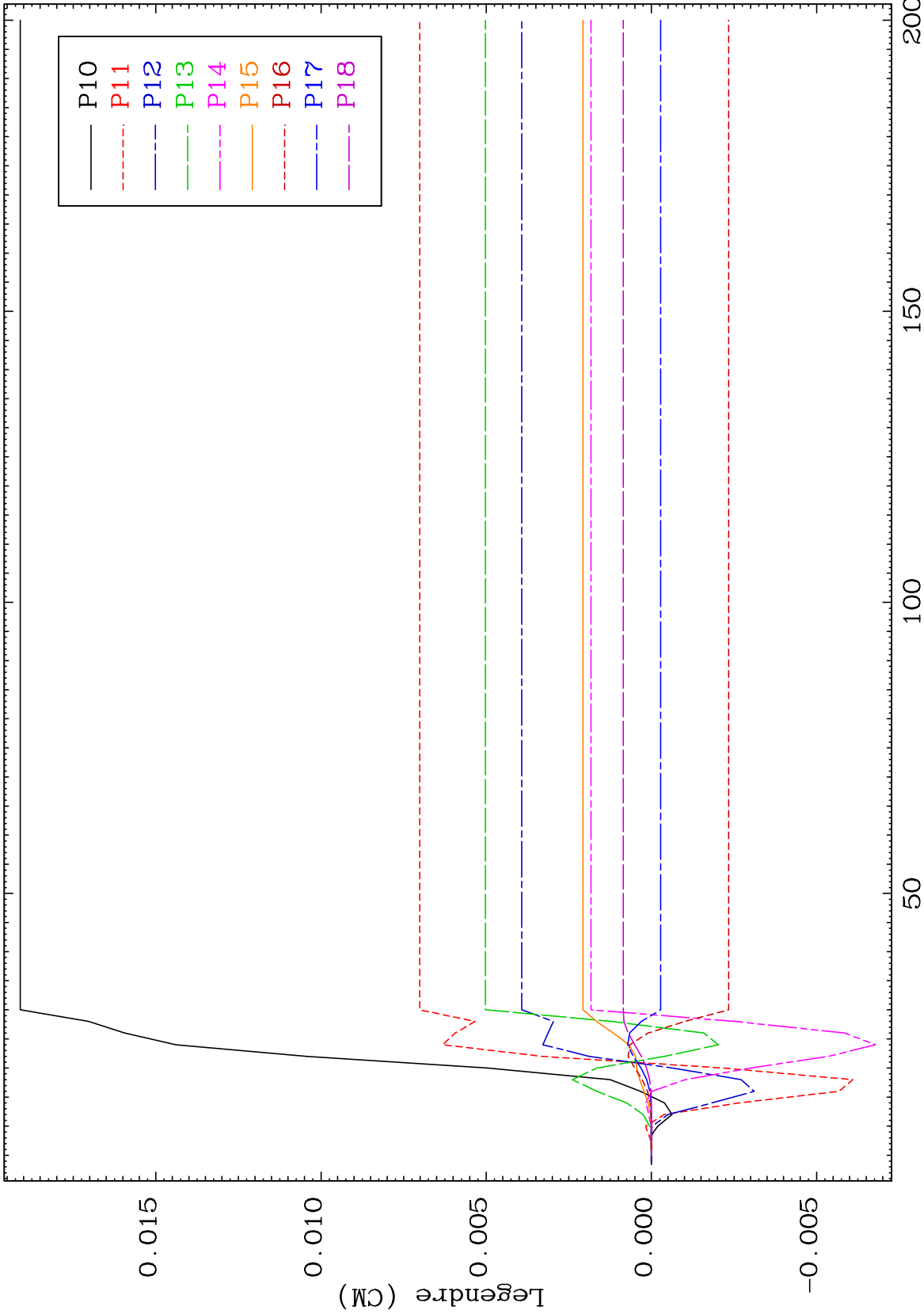


Legendre (CM) Incident Energy (MeV) 112 50-Sn-112

MAT 5025

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

50-Sn-112



113

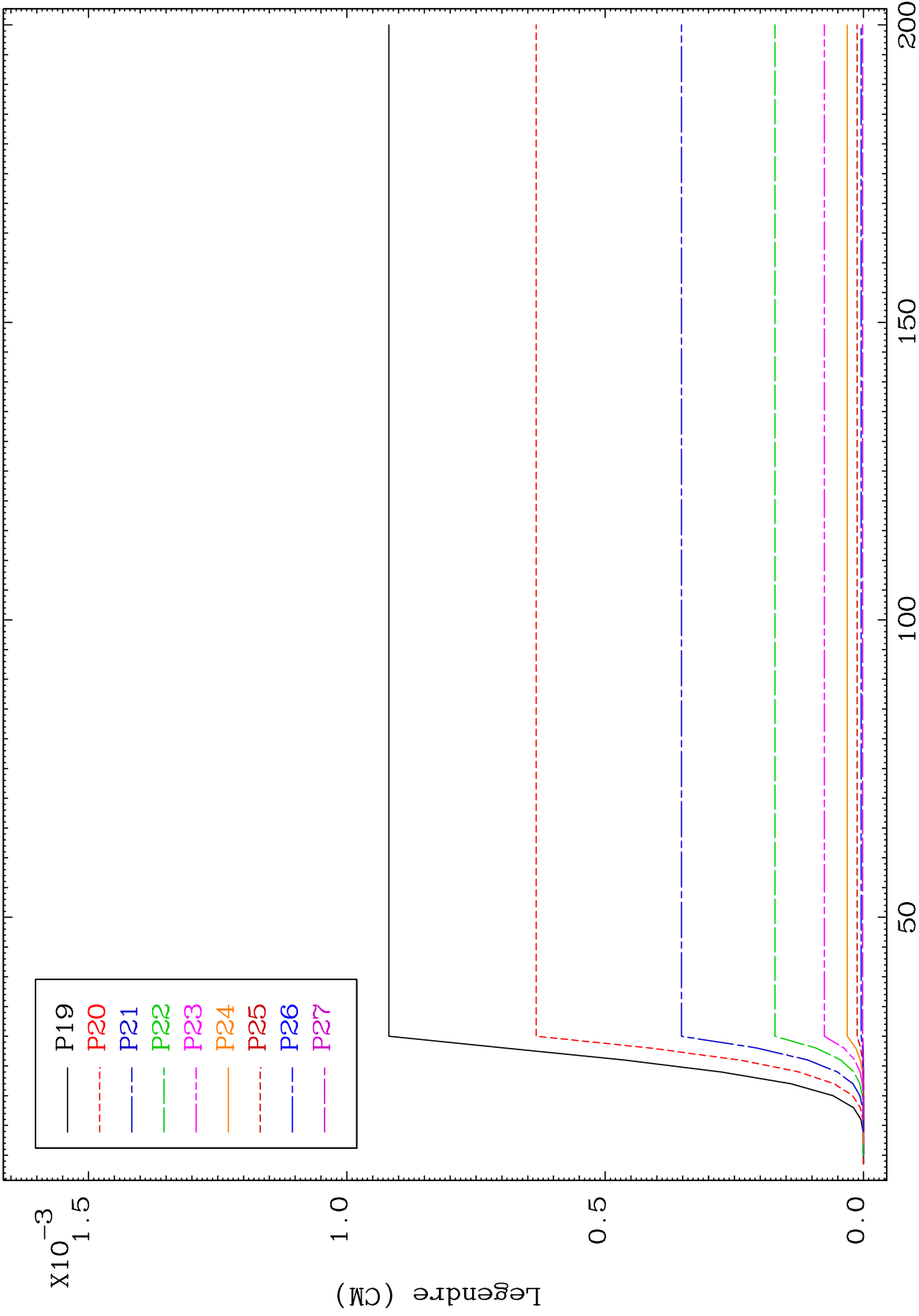
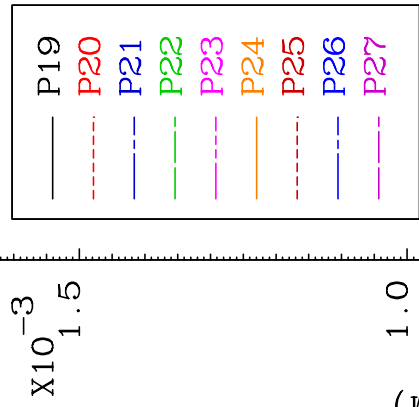
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



114

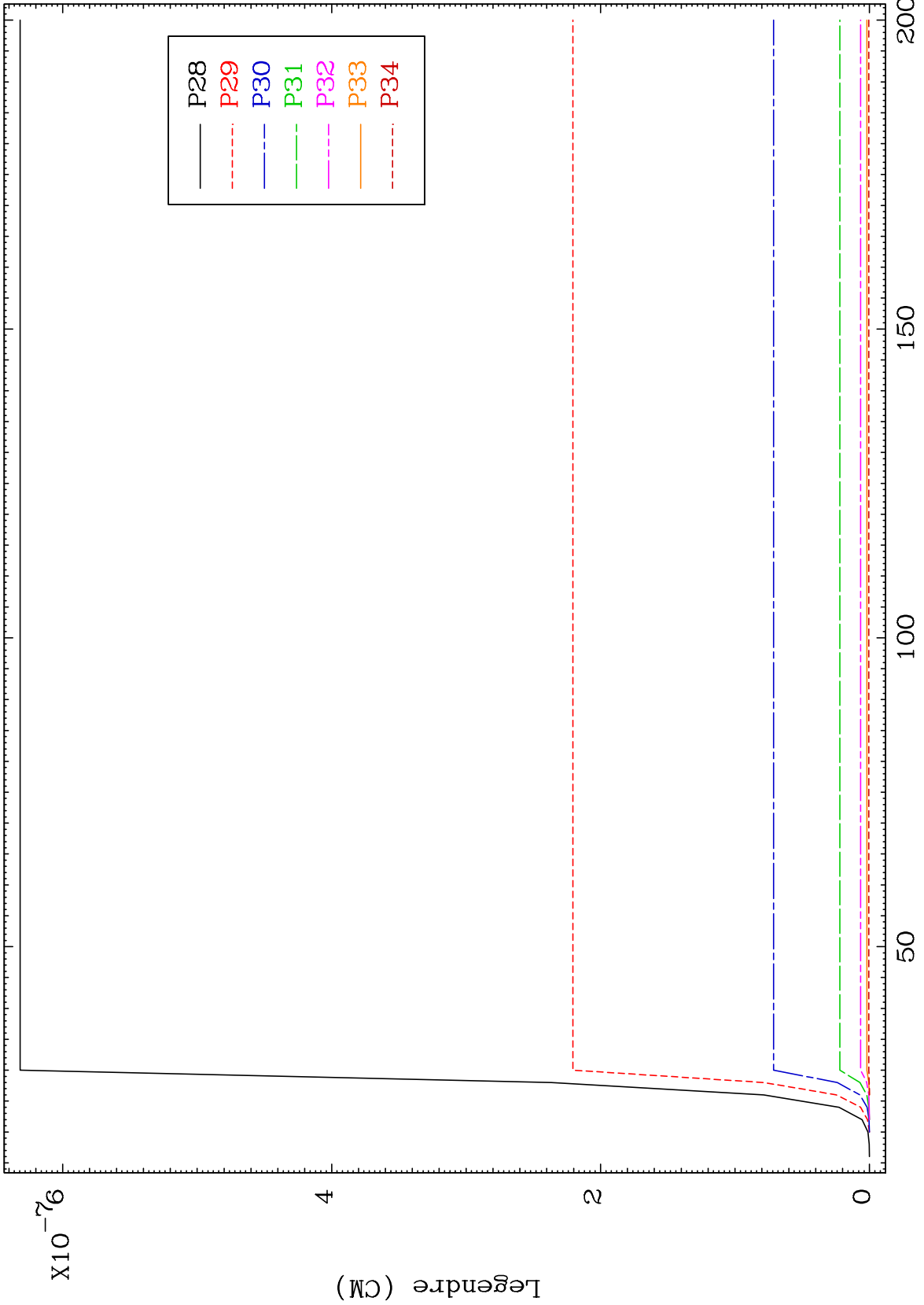
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



115

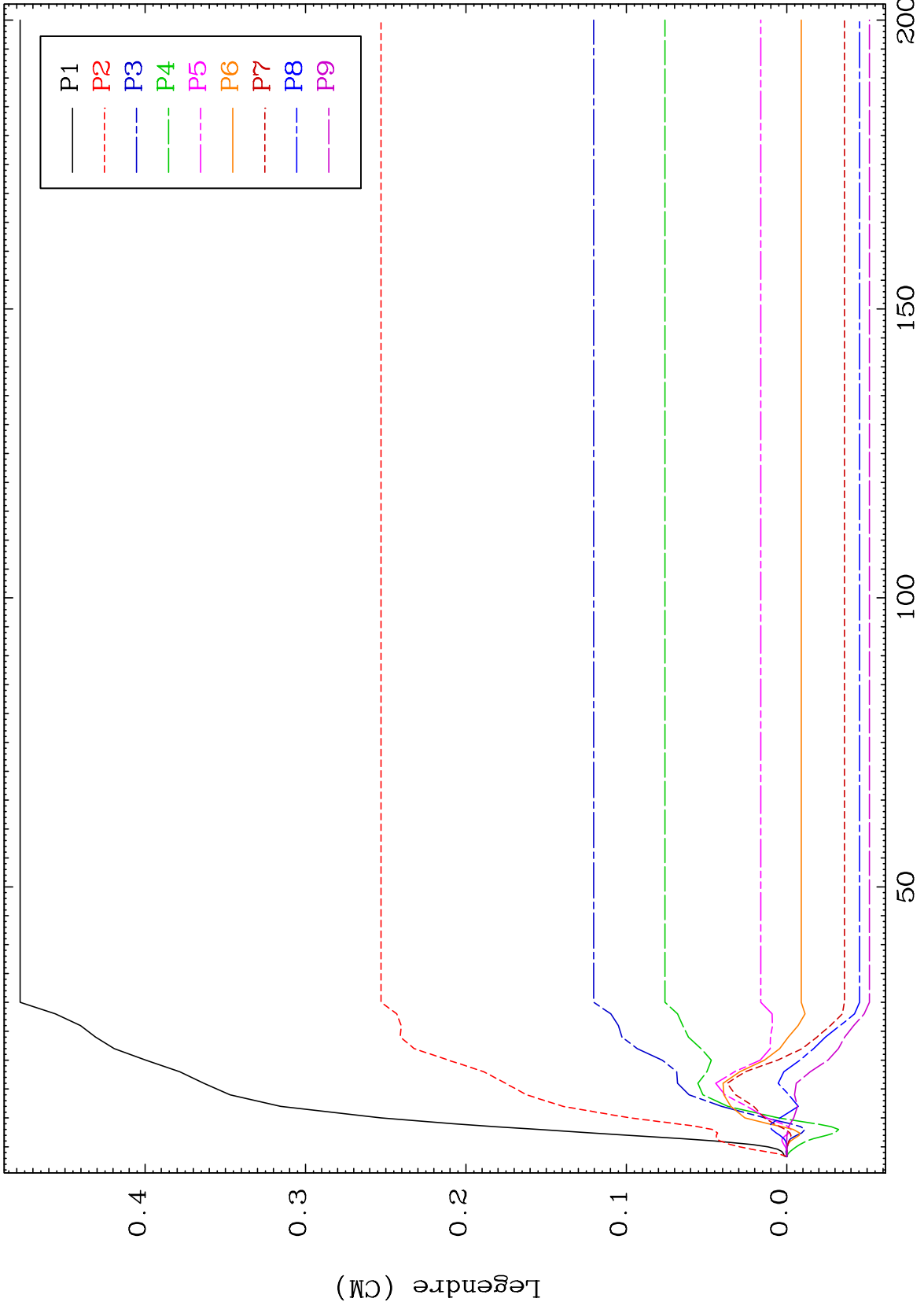
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



116

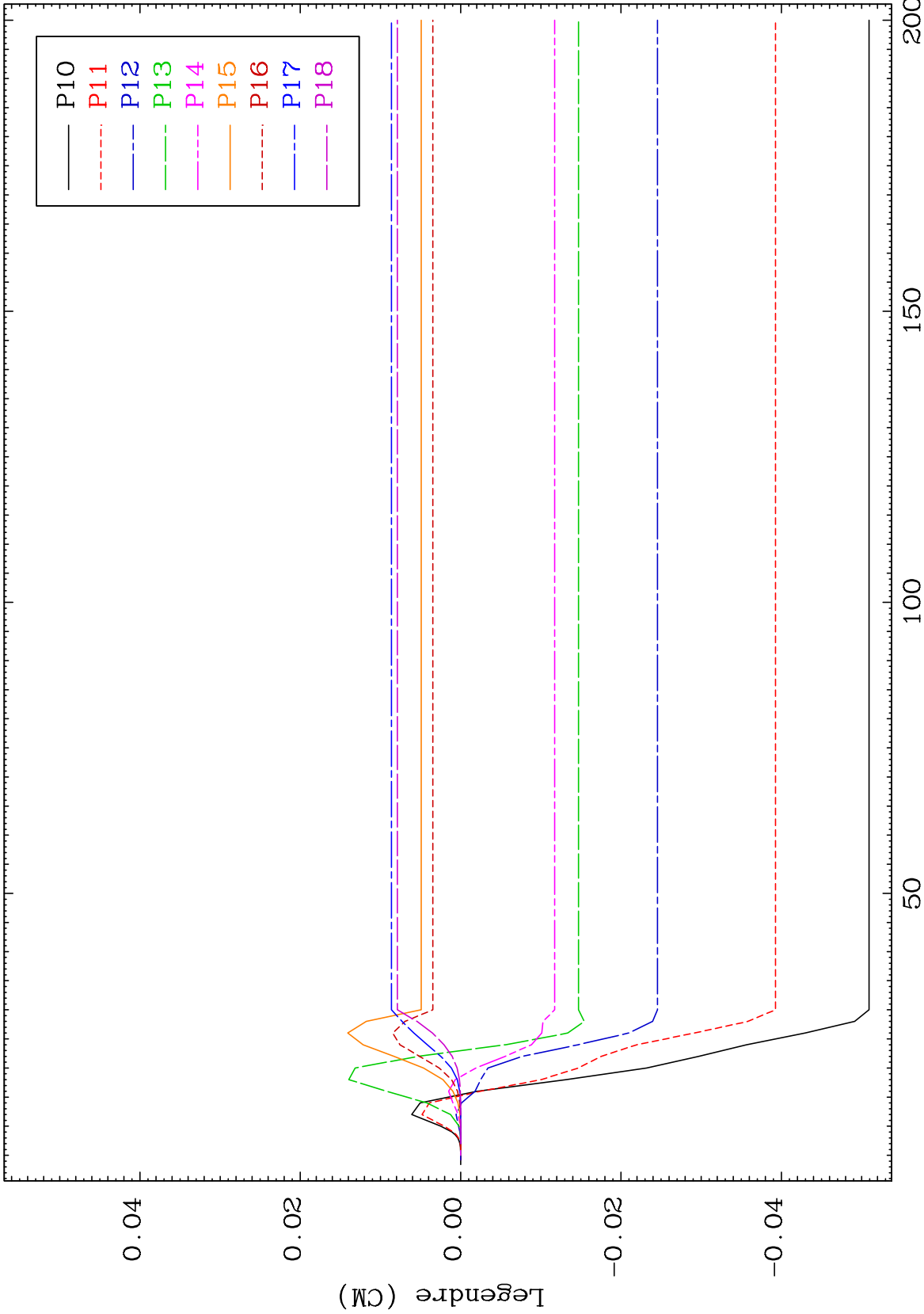
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



117

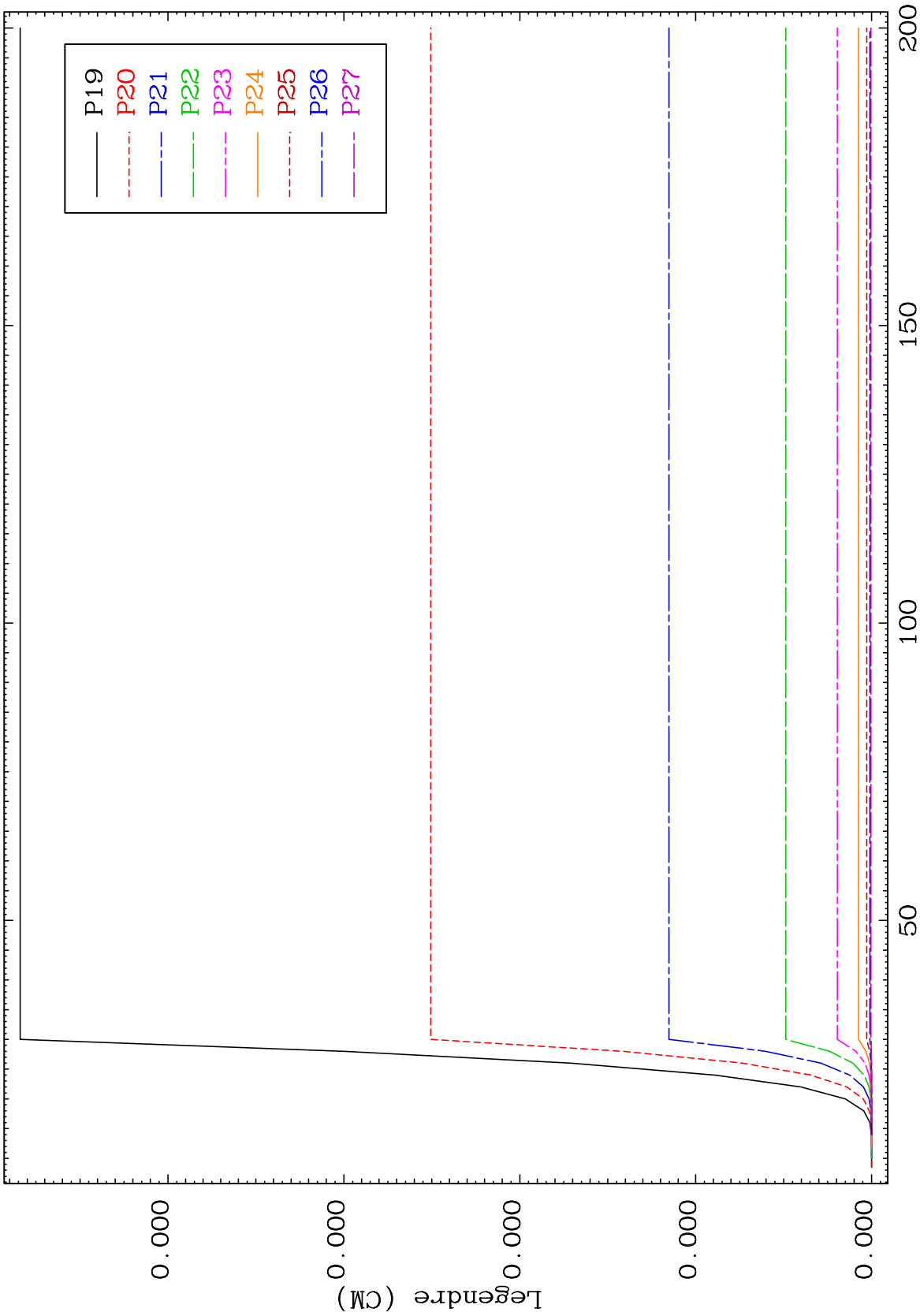
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



118

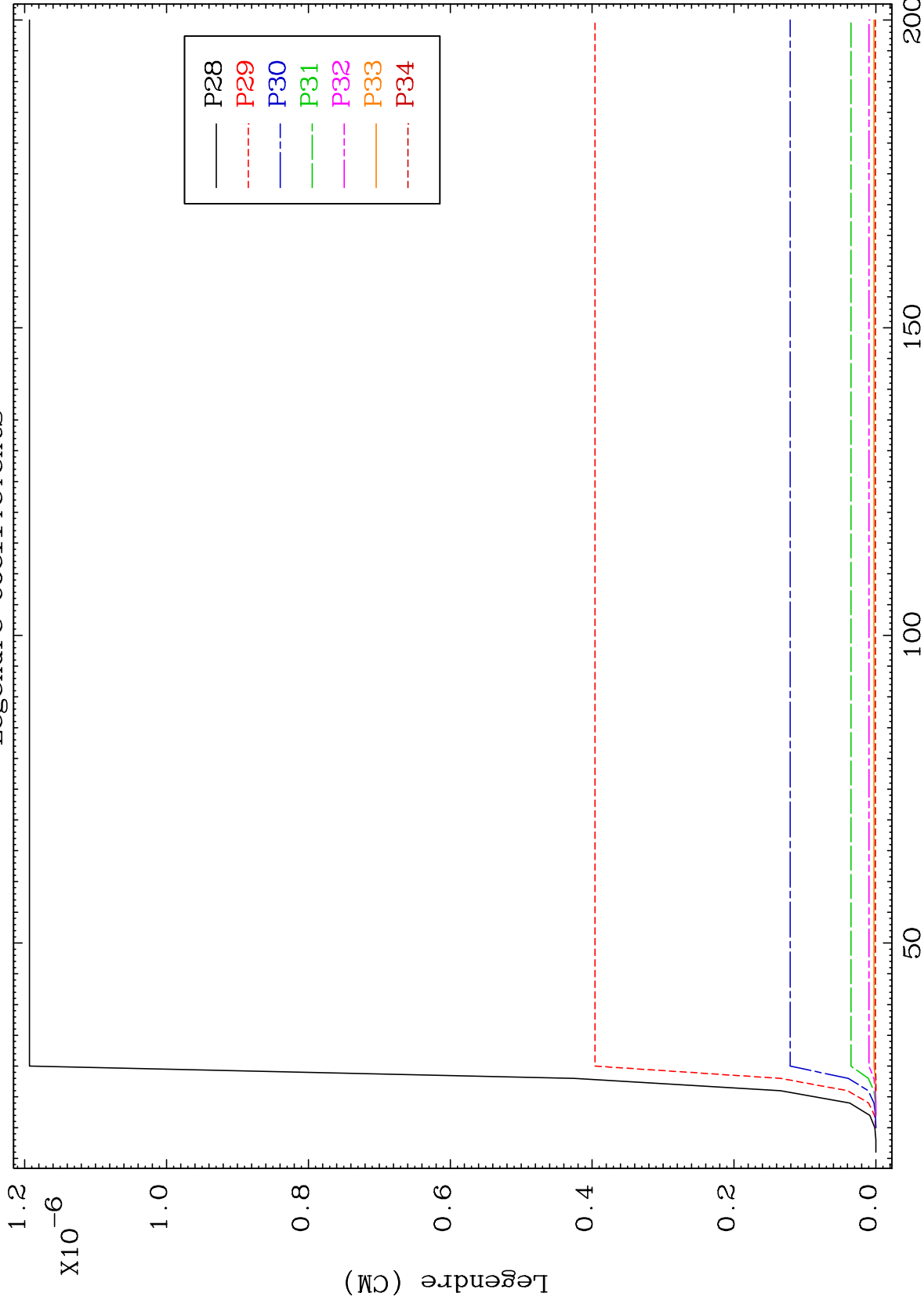
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



119

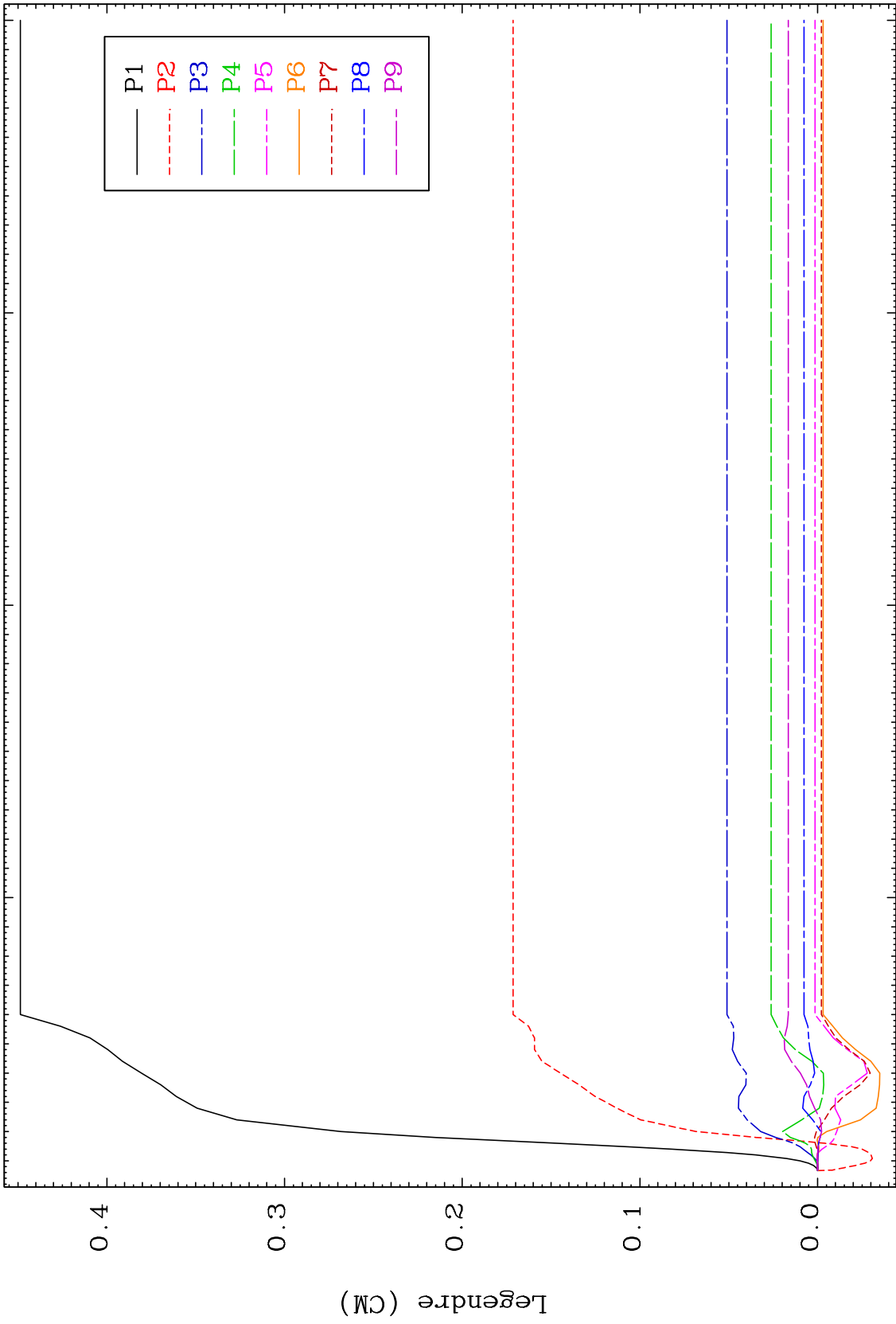
50-Sn-112



MAT 5025

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

50-Sn-112



120

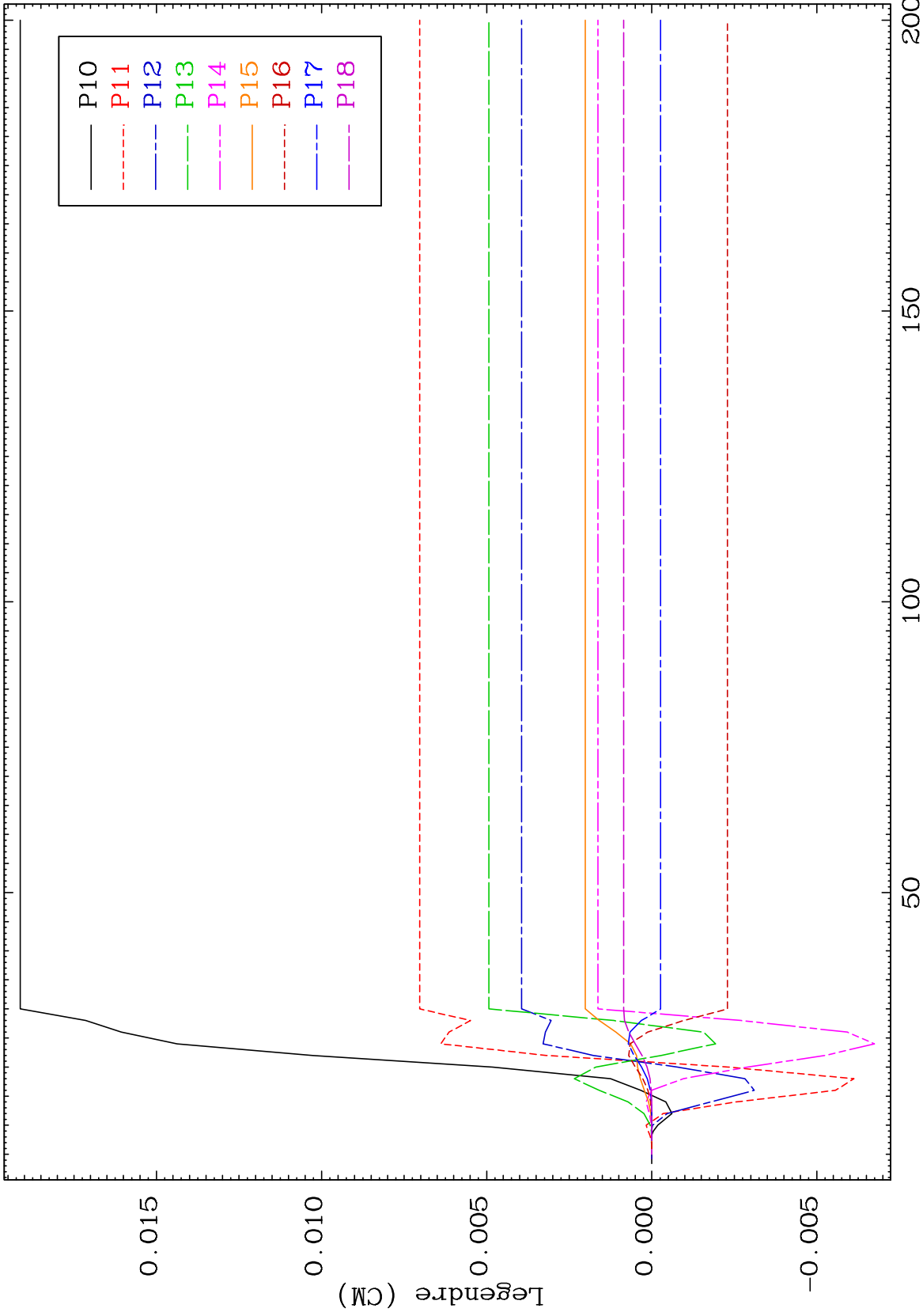
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



121

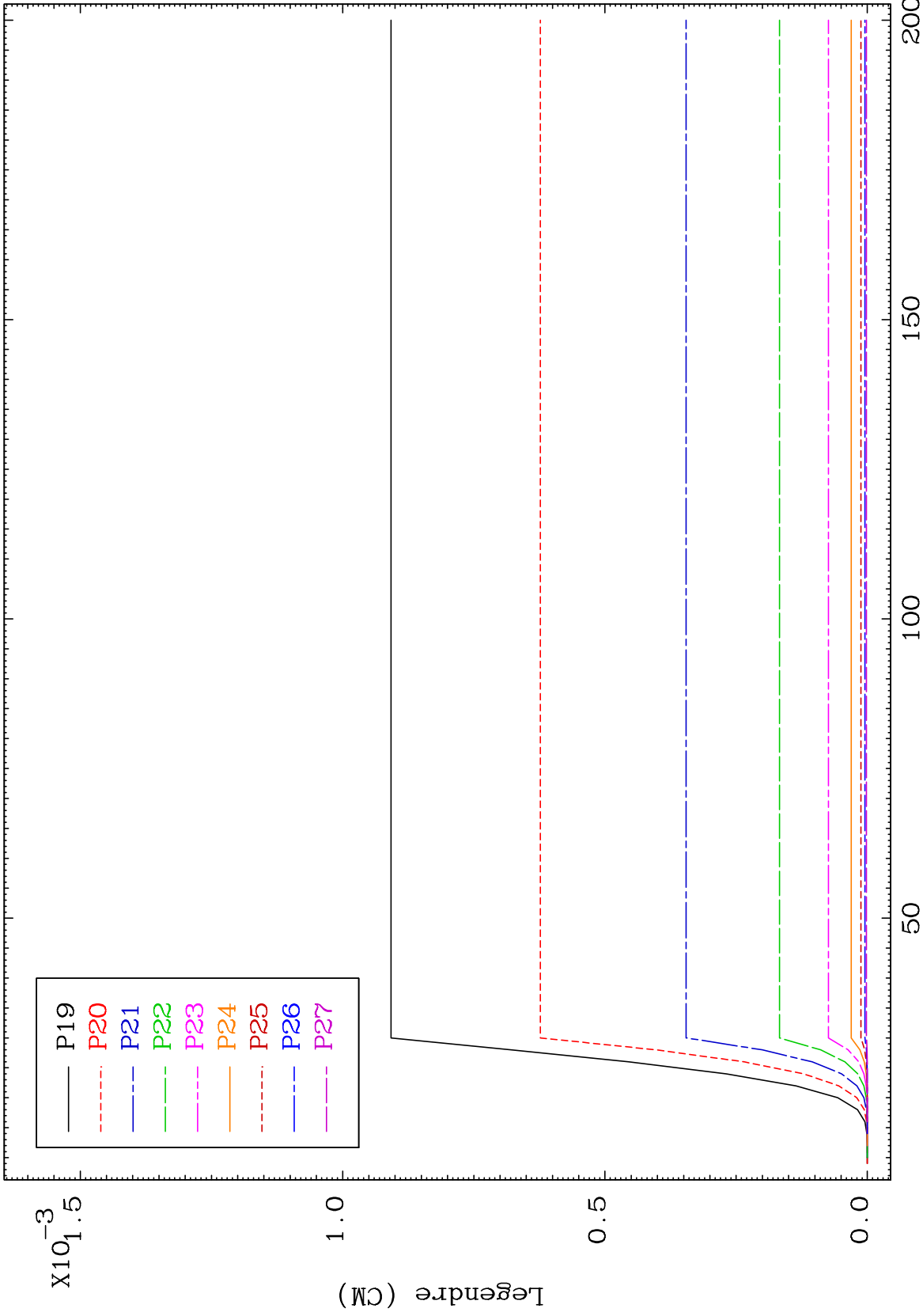
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



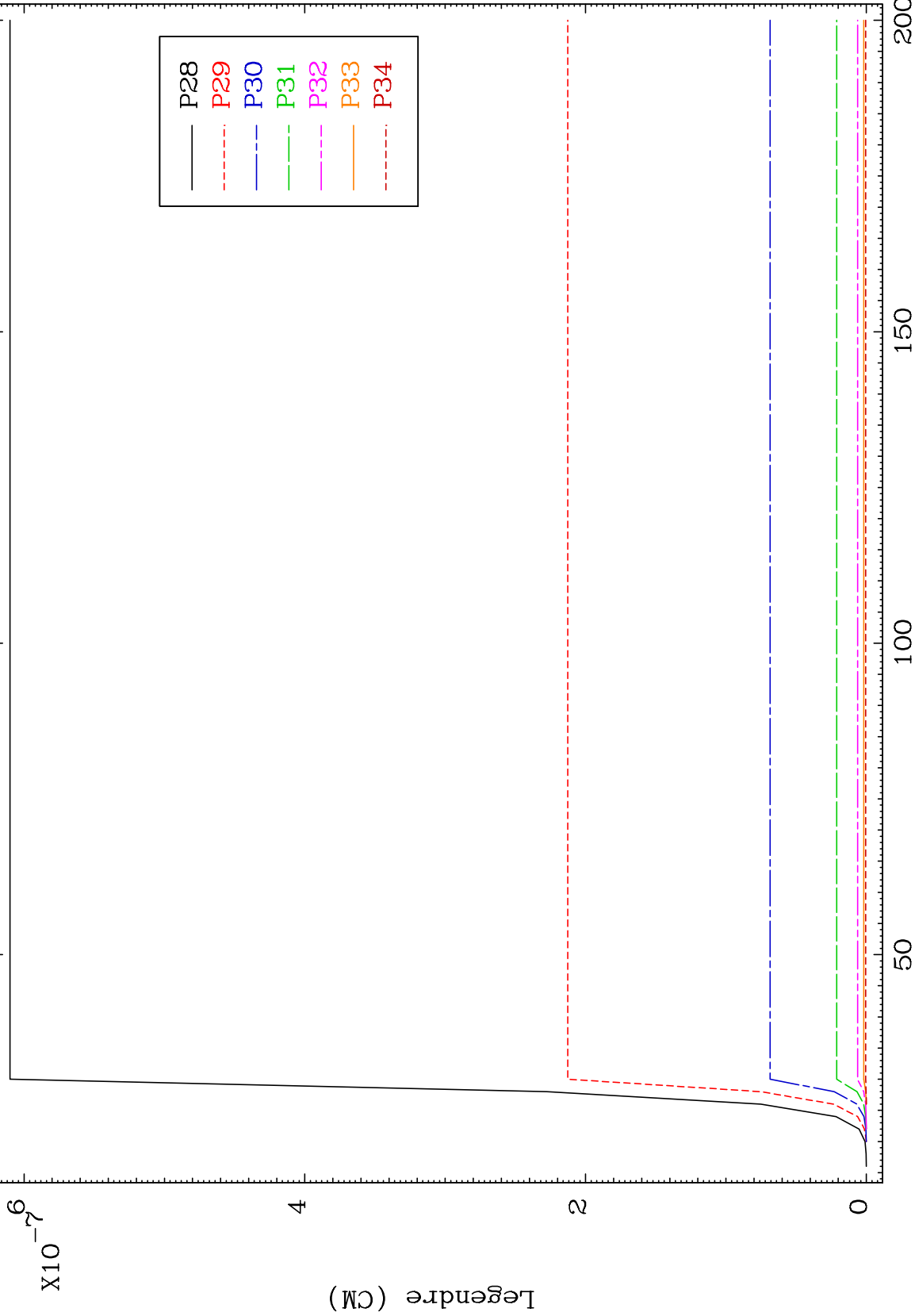
122

50-Sn-112

MAT 5025

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

50-Sn-112



123

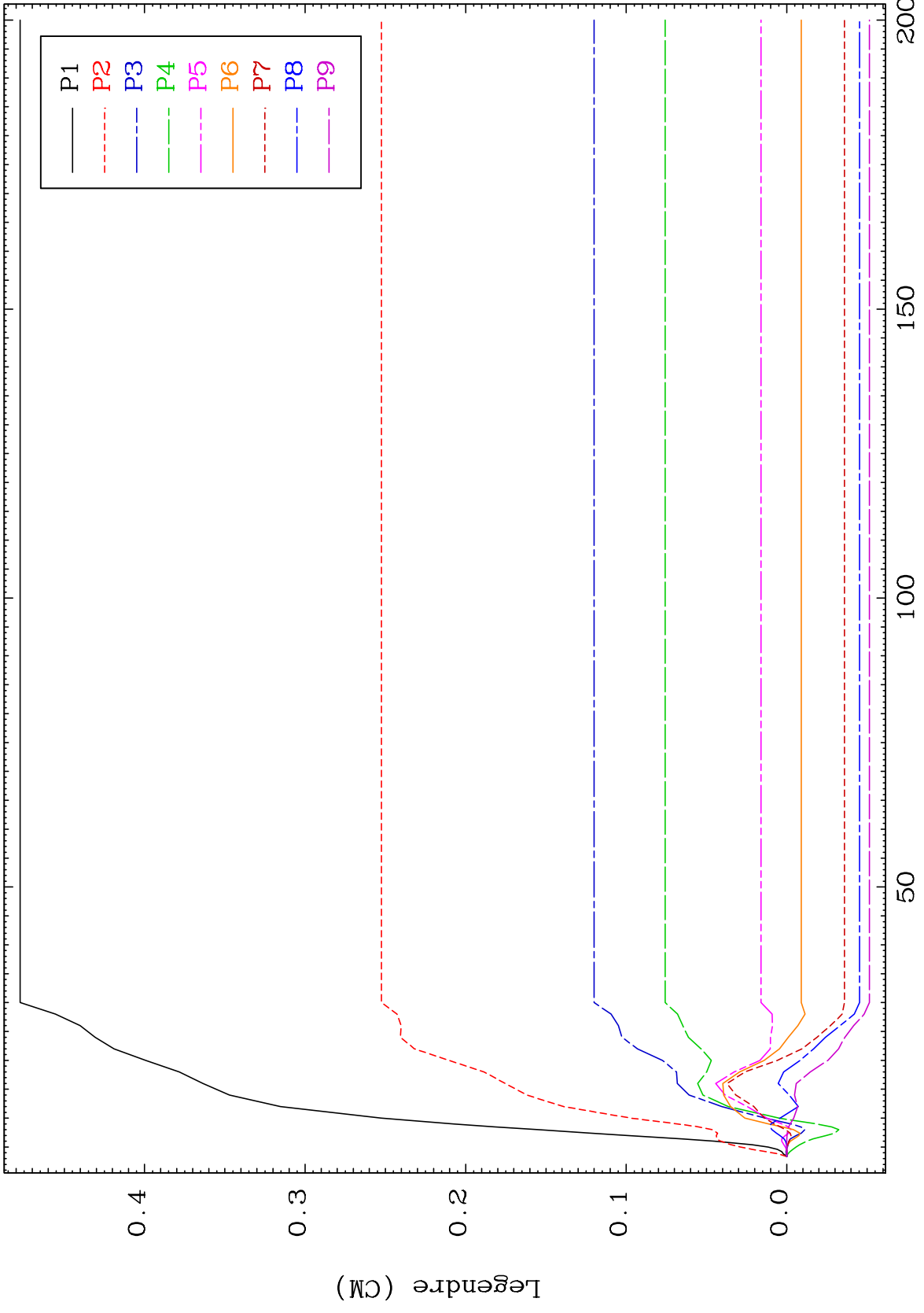
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



124

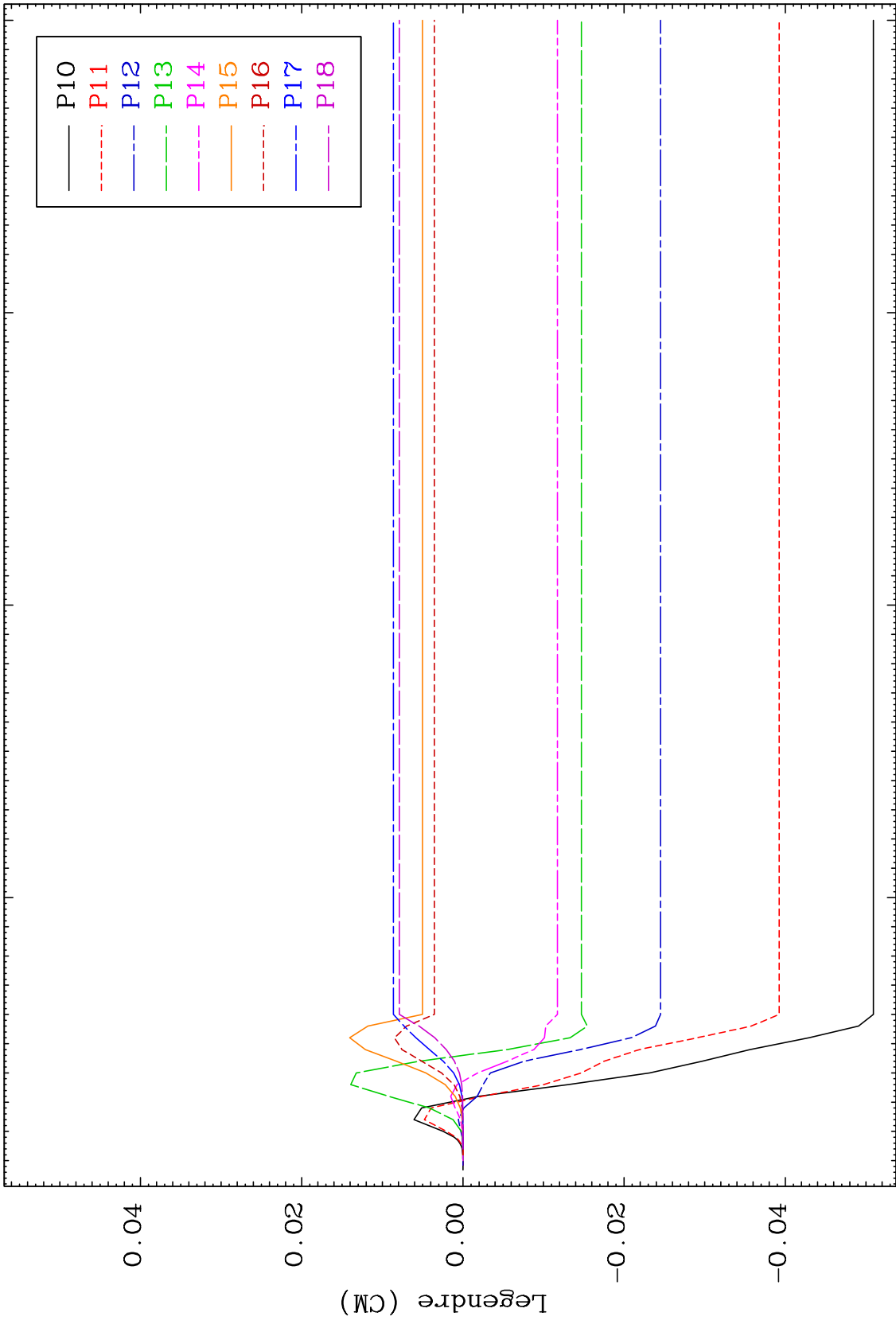
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112



125

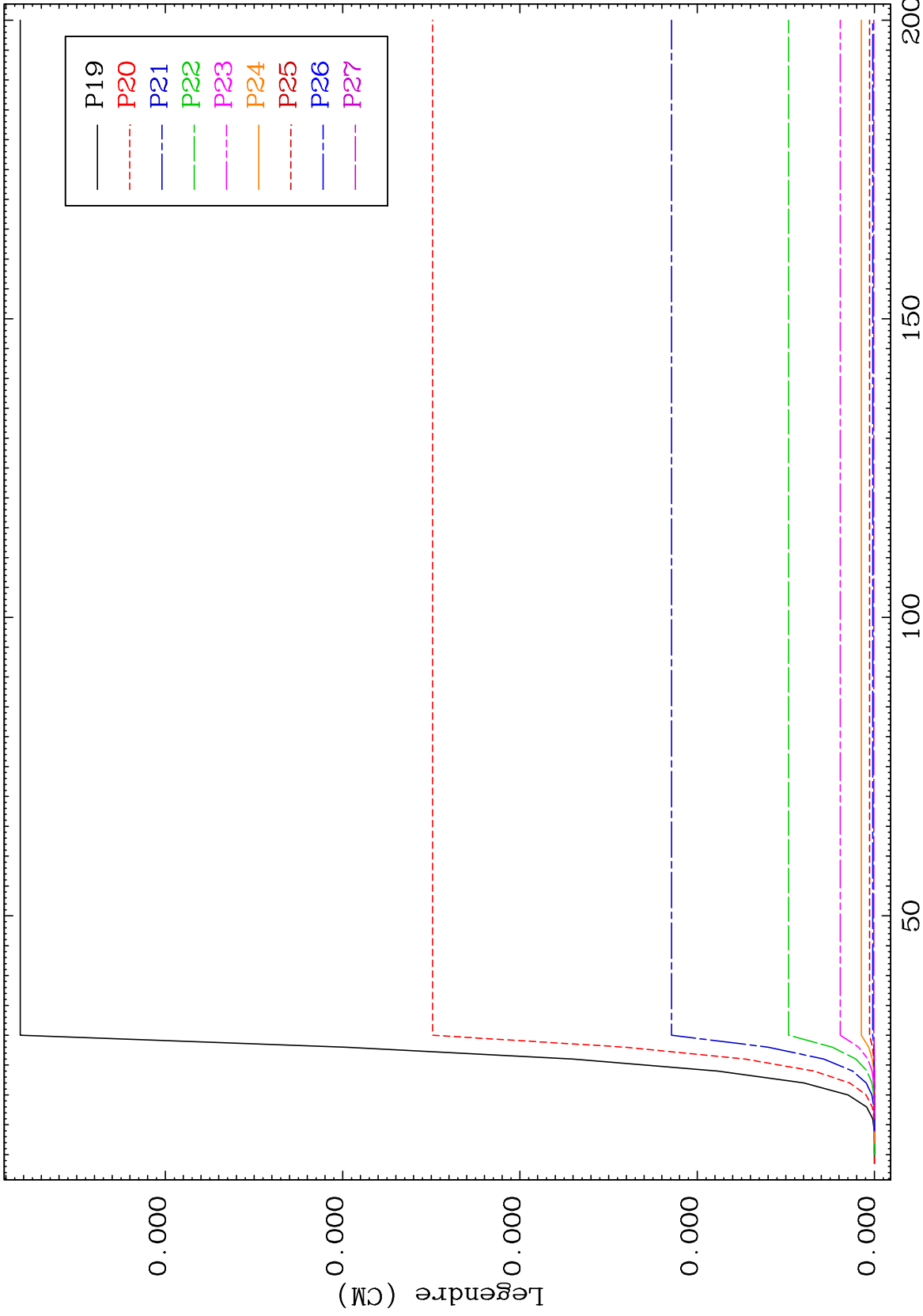
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

50-Sn-112

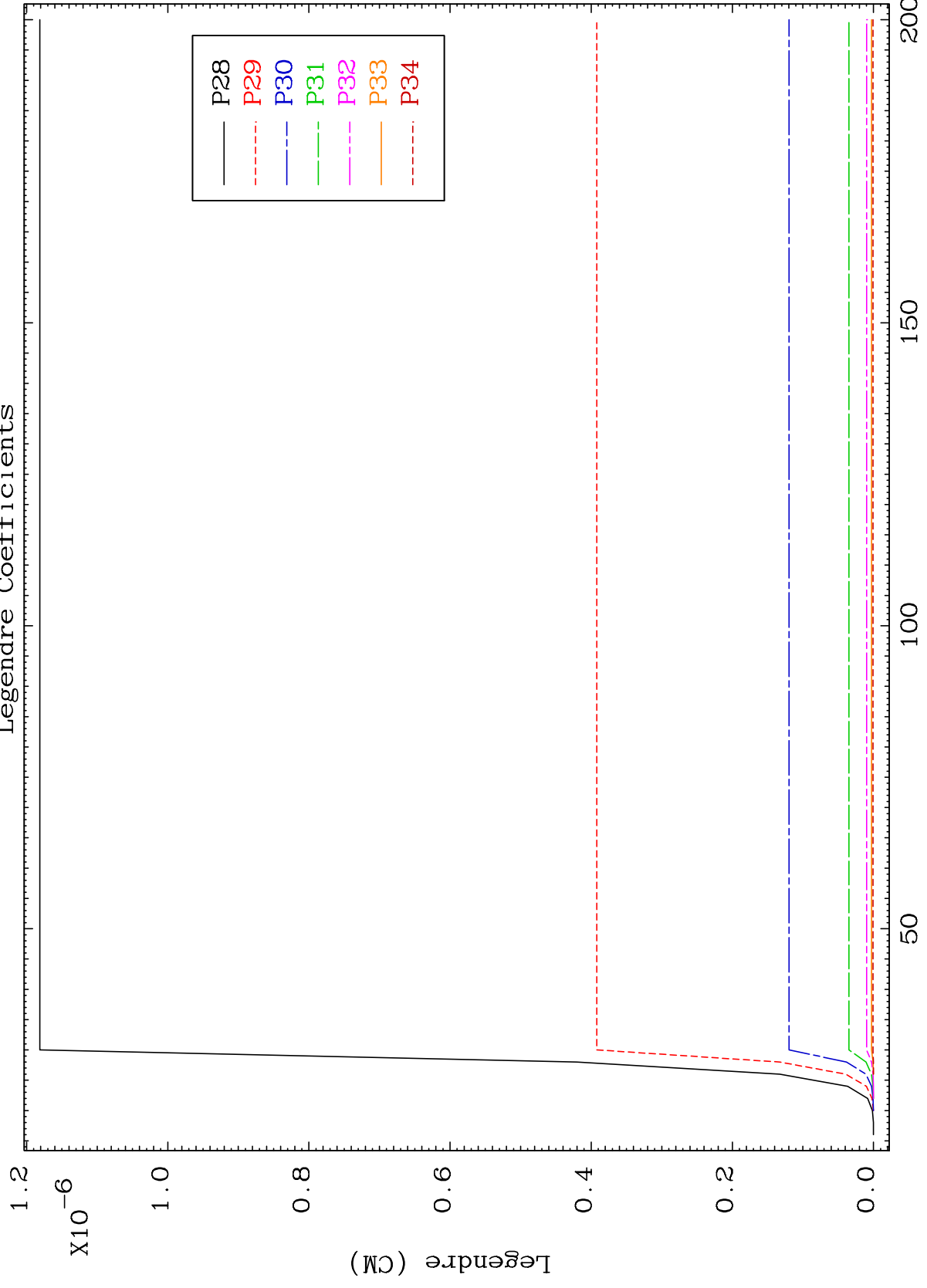


126

Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-112

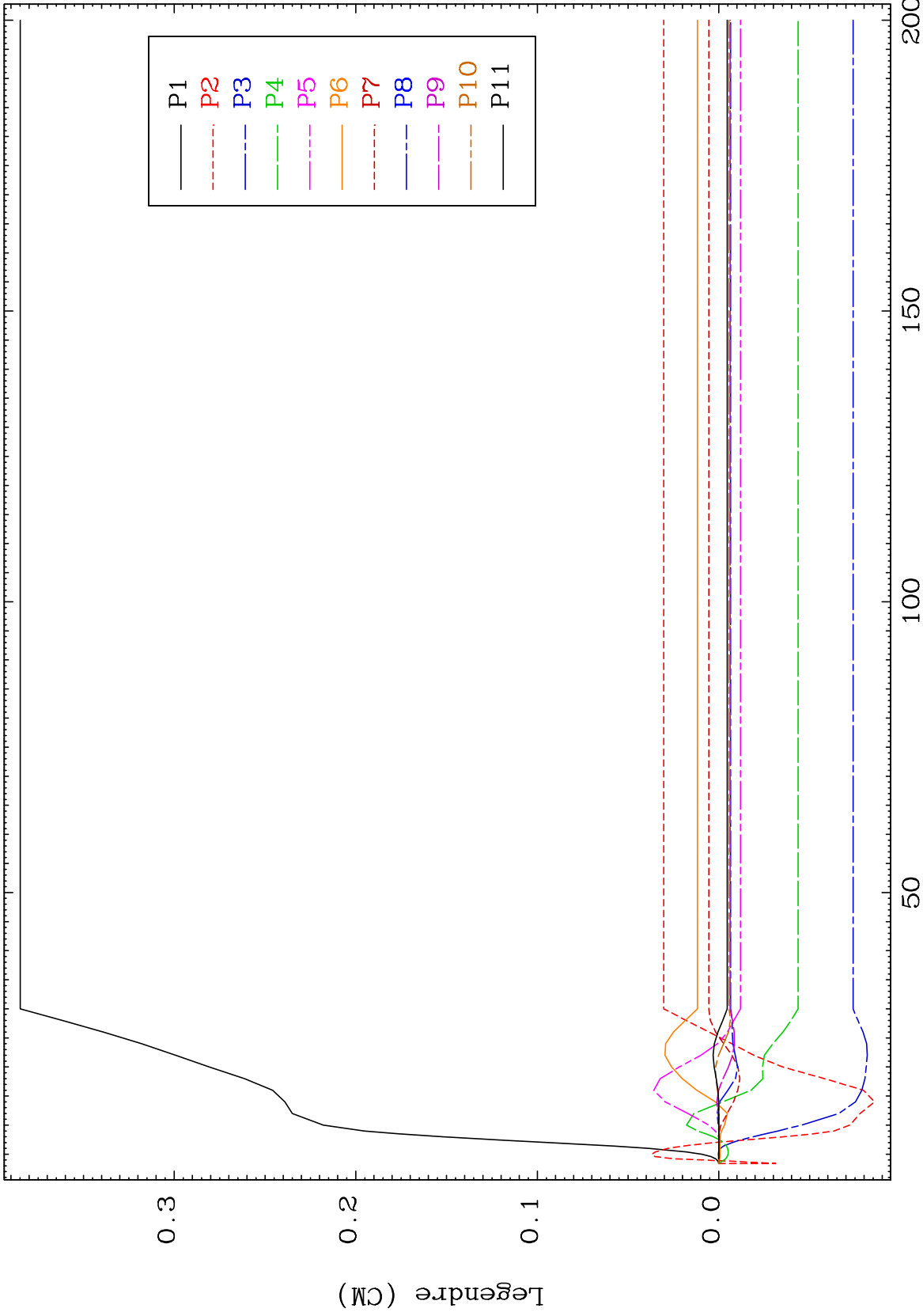




MAT 5025

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

50-Sn-112

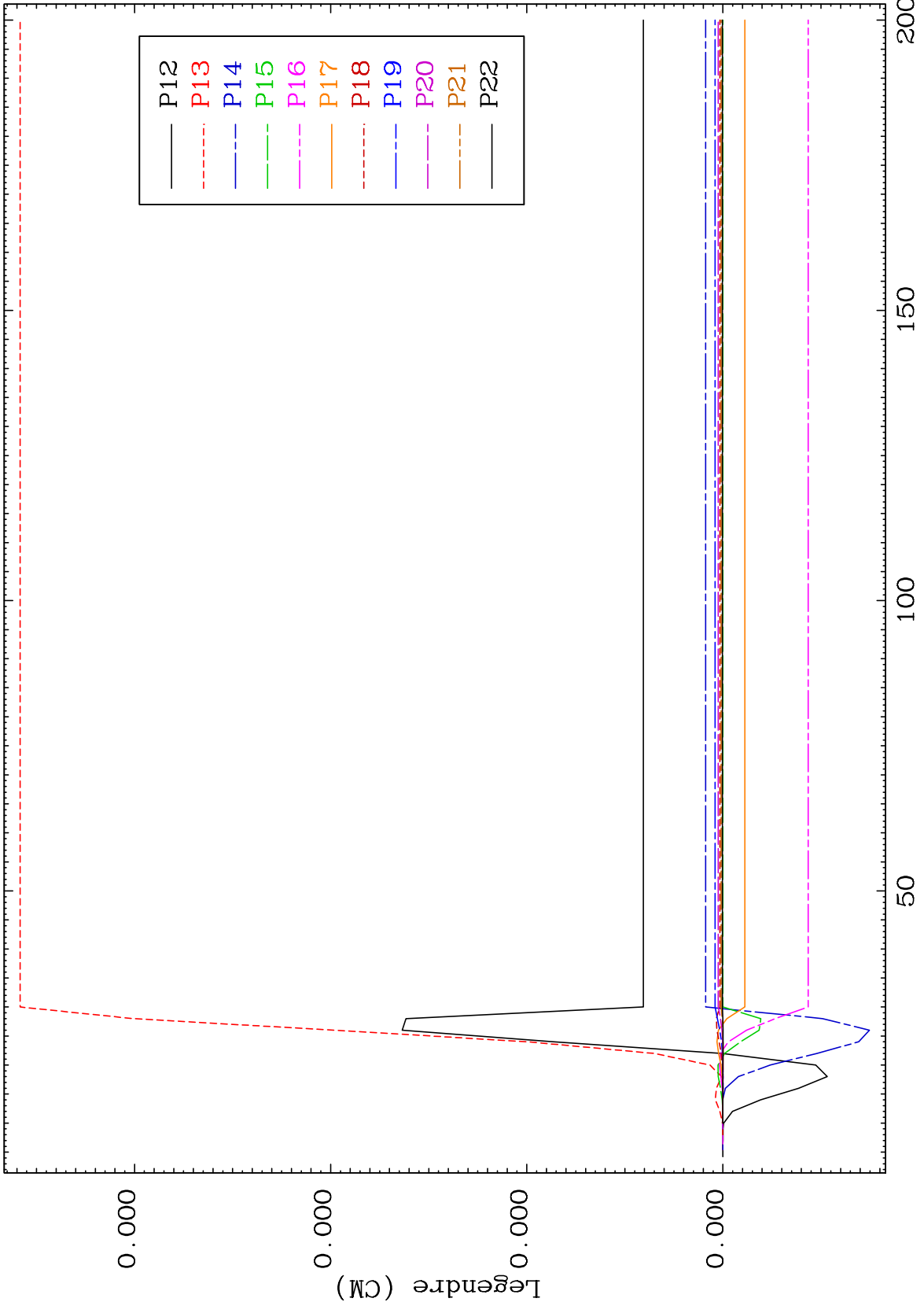


128

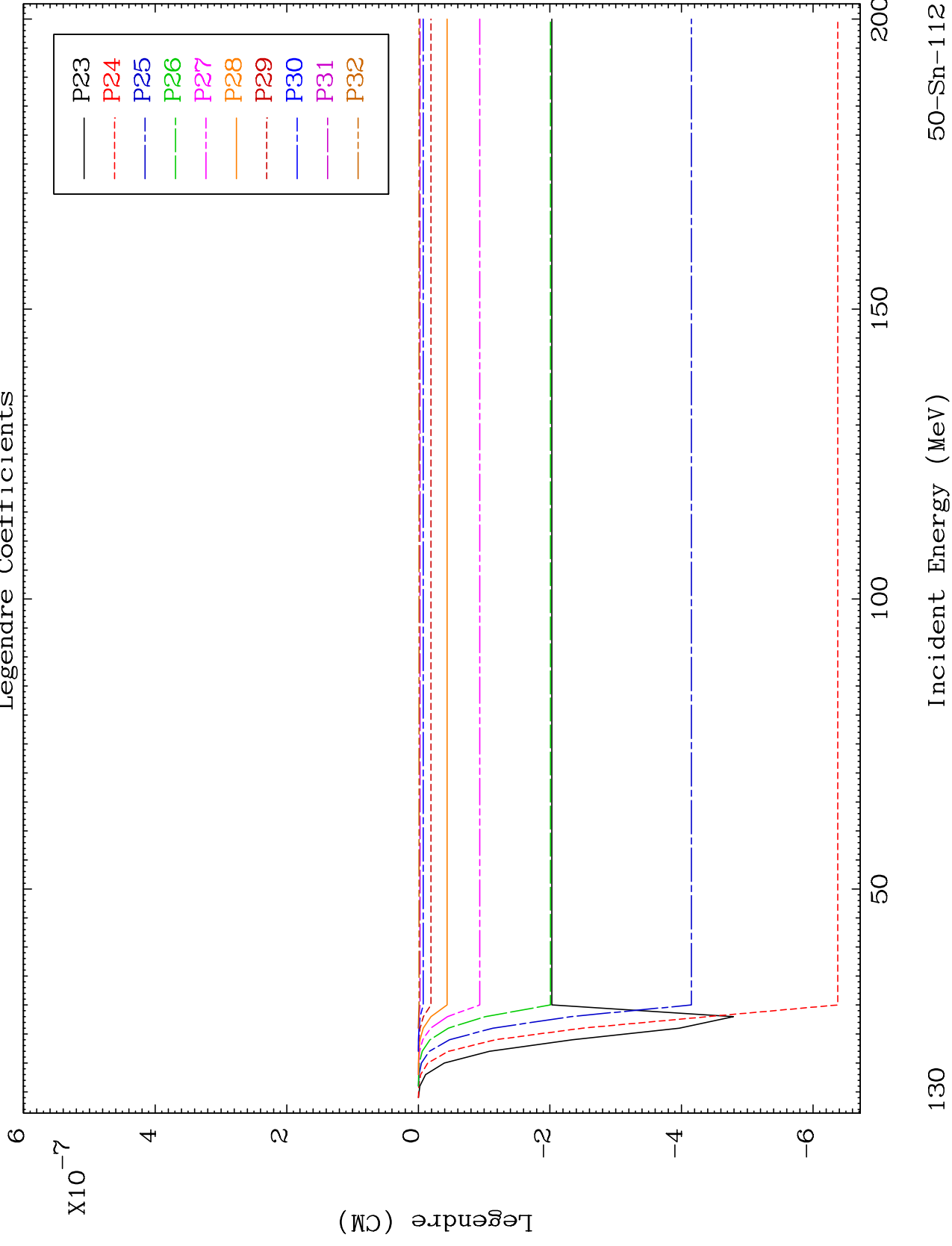
Incident Energy (MeV)

50-Sn-112

MAT 5025 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-112



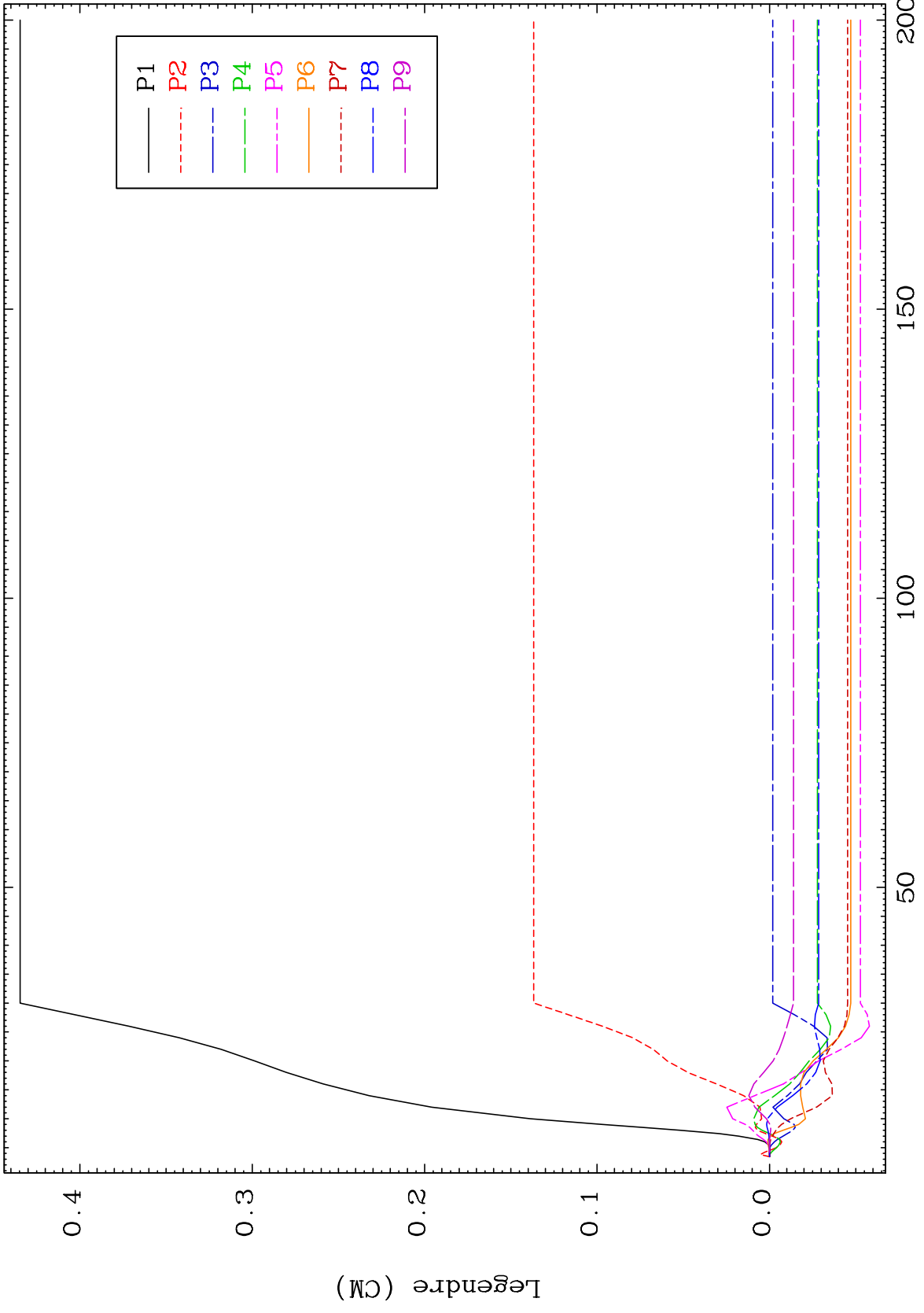
MAT 5025 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112

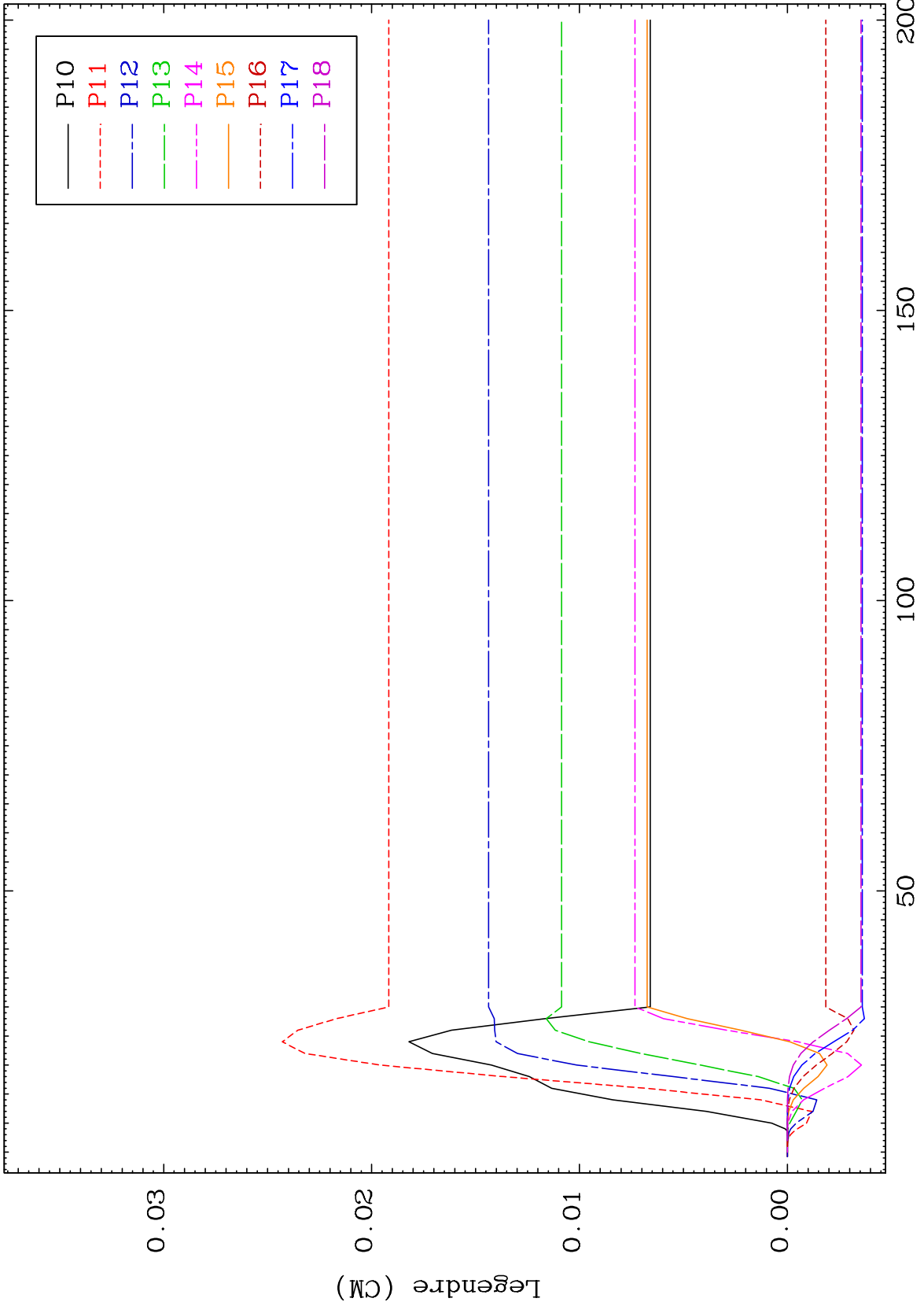


131

Incident Energy (MeV)

50-Sn-112

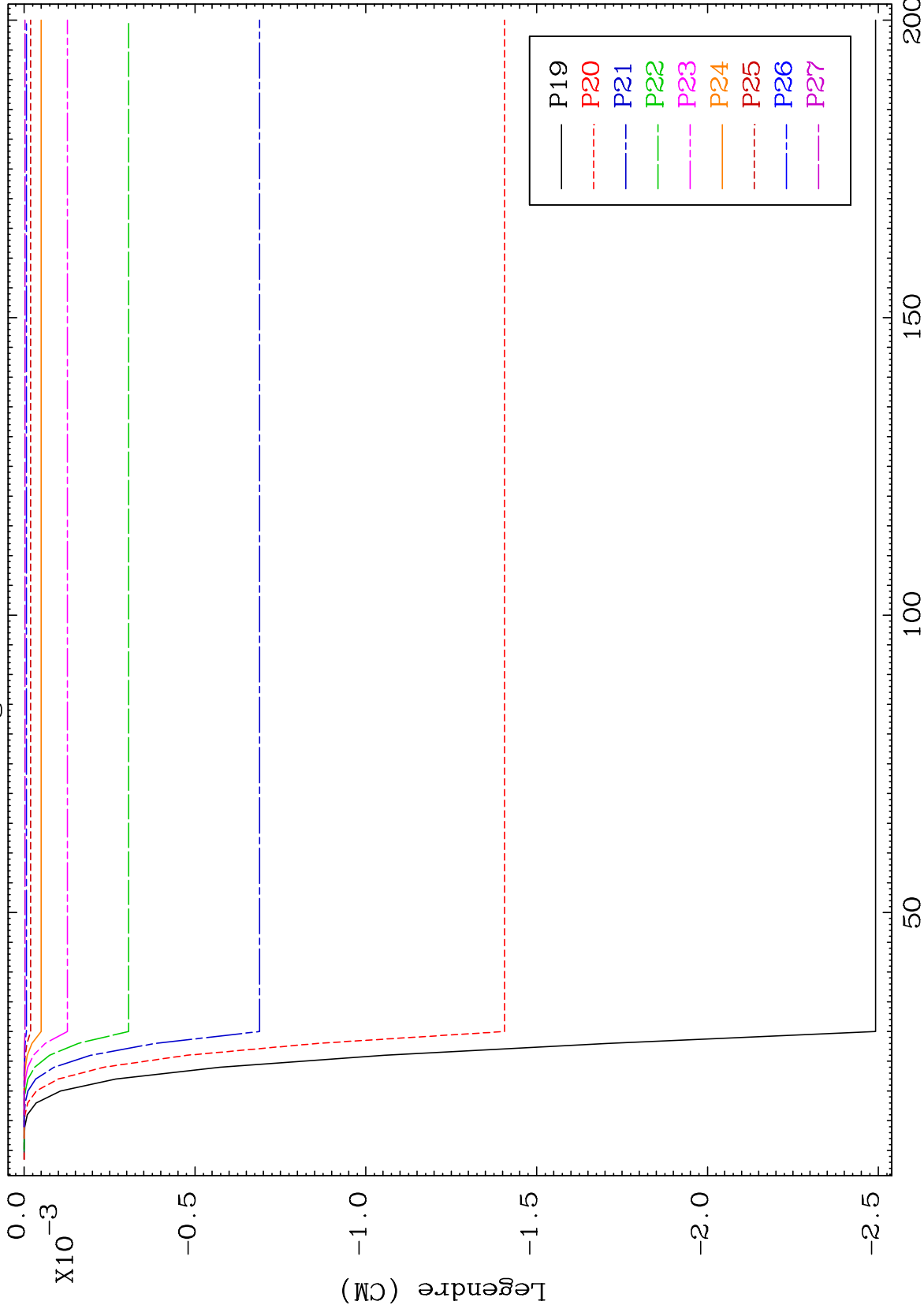
MAT 5025 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-112



MAT 5025

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

50-Sn-112

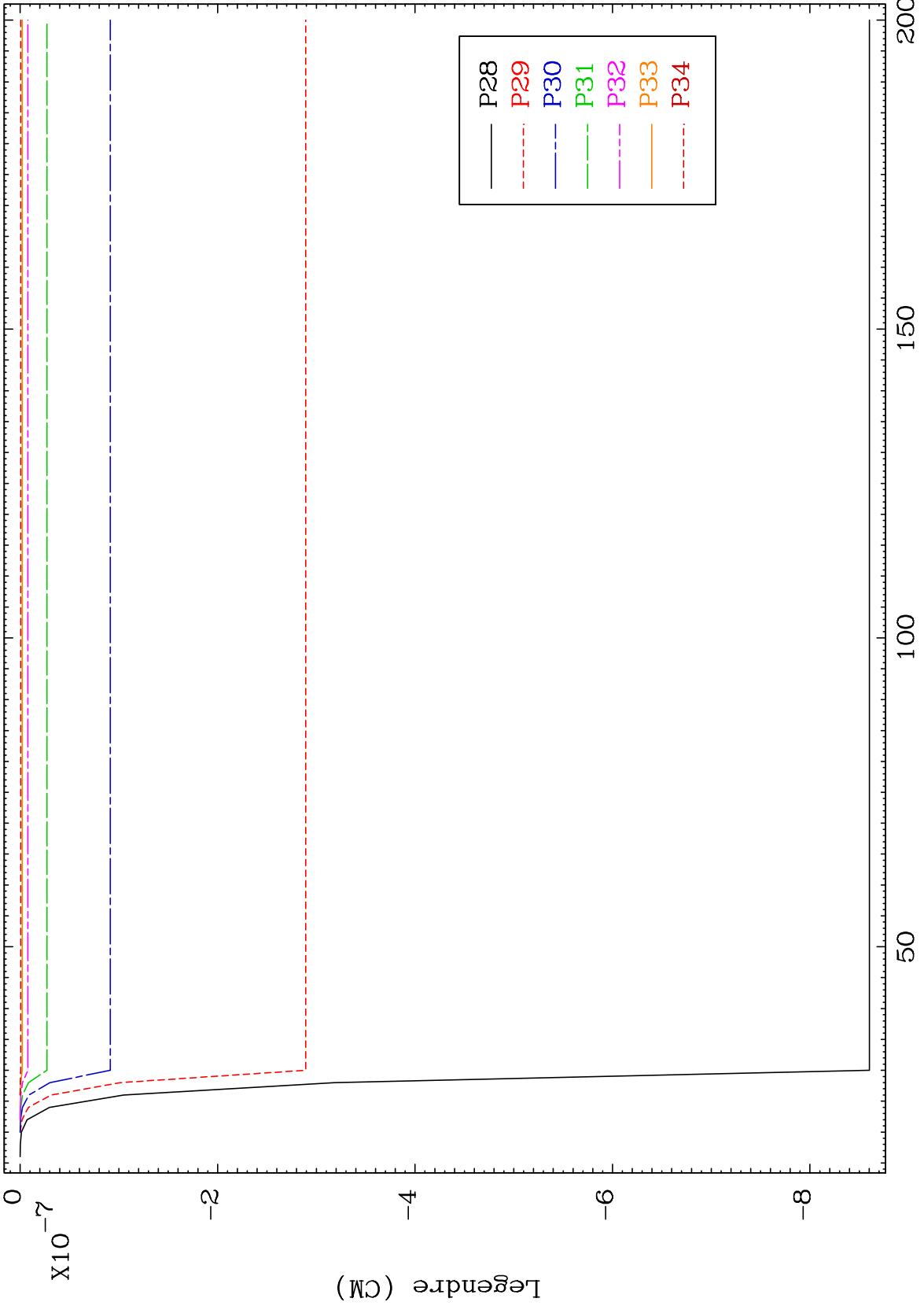


50-Sn-112

Incident Energy (MeV)

133

MAT 5025 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-112

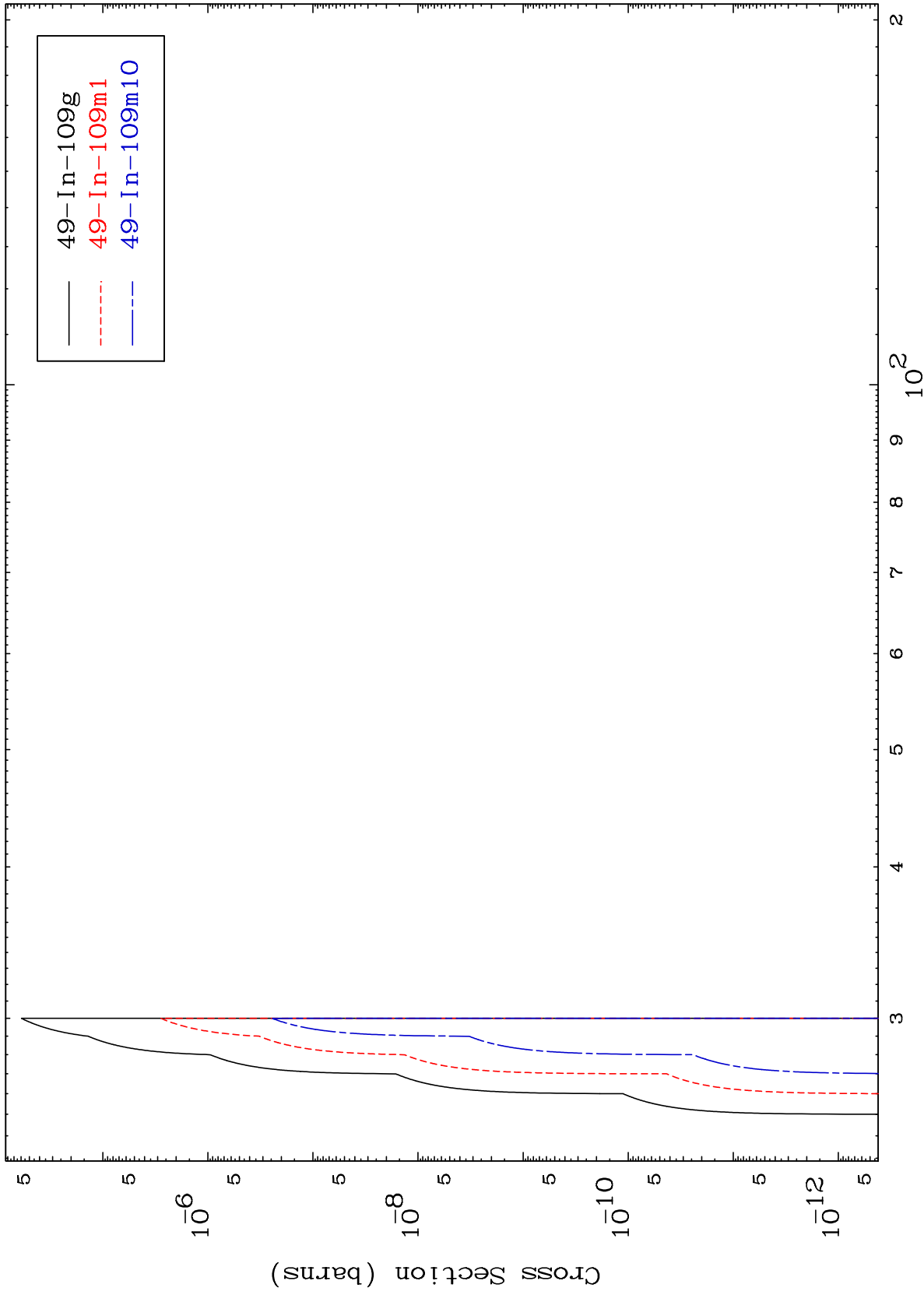


MAT 5025

(n,2n) d

50-Sn-112

Radionuclide Production Cross Section



135

Incident Energy (MeV)

50-Sn-112

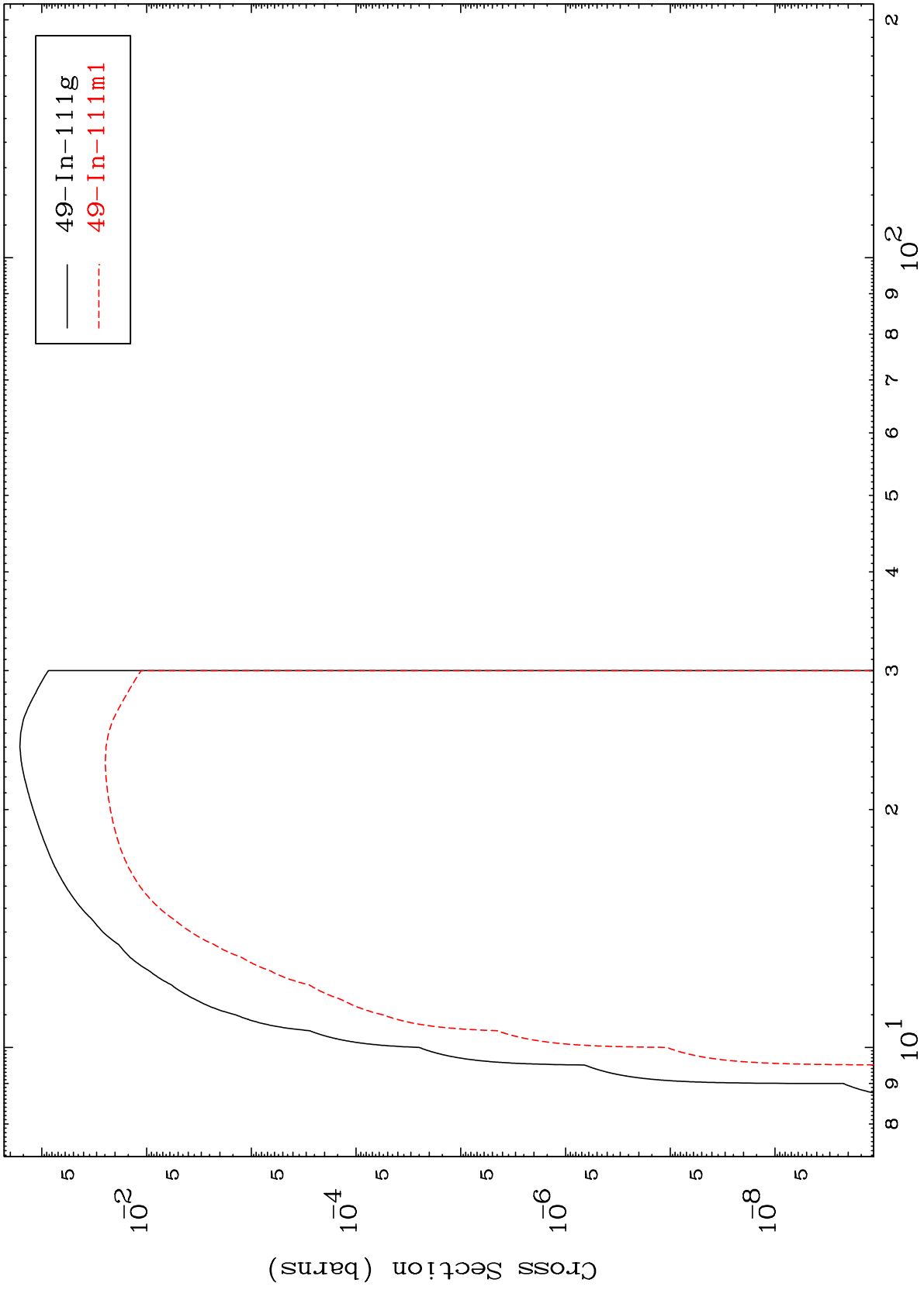


MAT 5025

(n,n') p

50-Sn-112

Radionuclide Production Cross Section



136

Incident Energy (MeV)

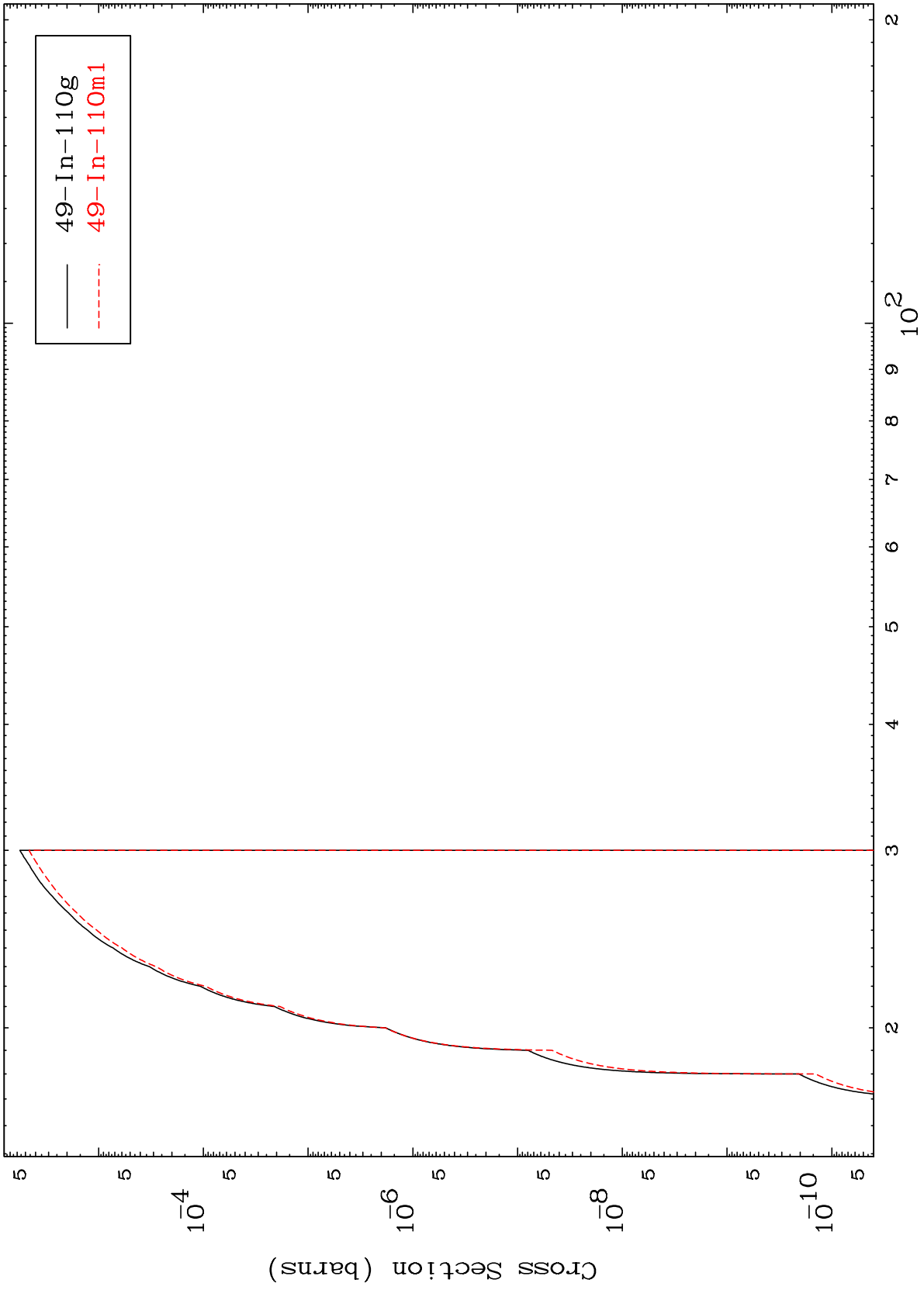
50-Sn-112

MAT 5025

(n,n') d

50-Sn-112

Radionuclide Production Cross Section



137

Incident Energy (MeV)

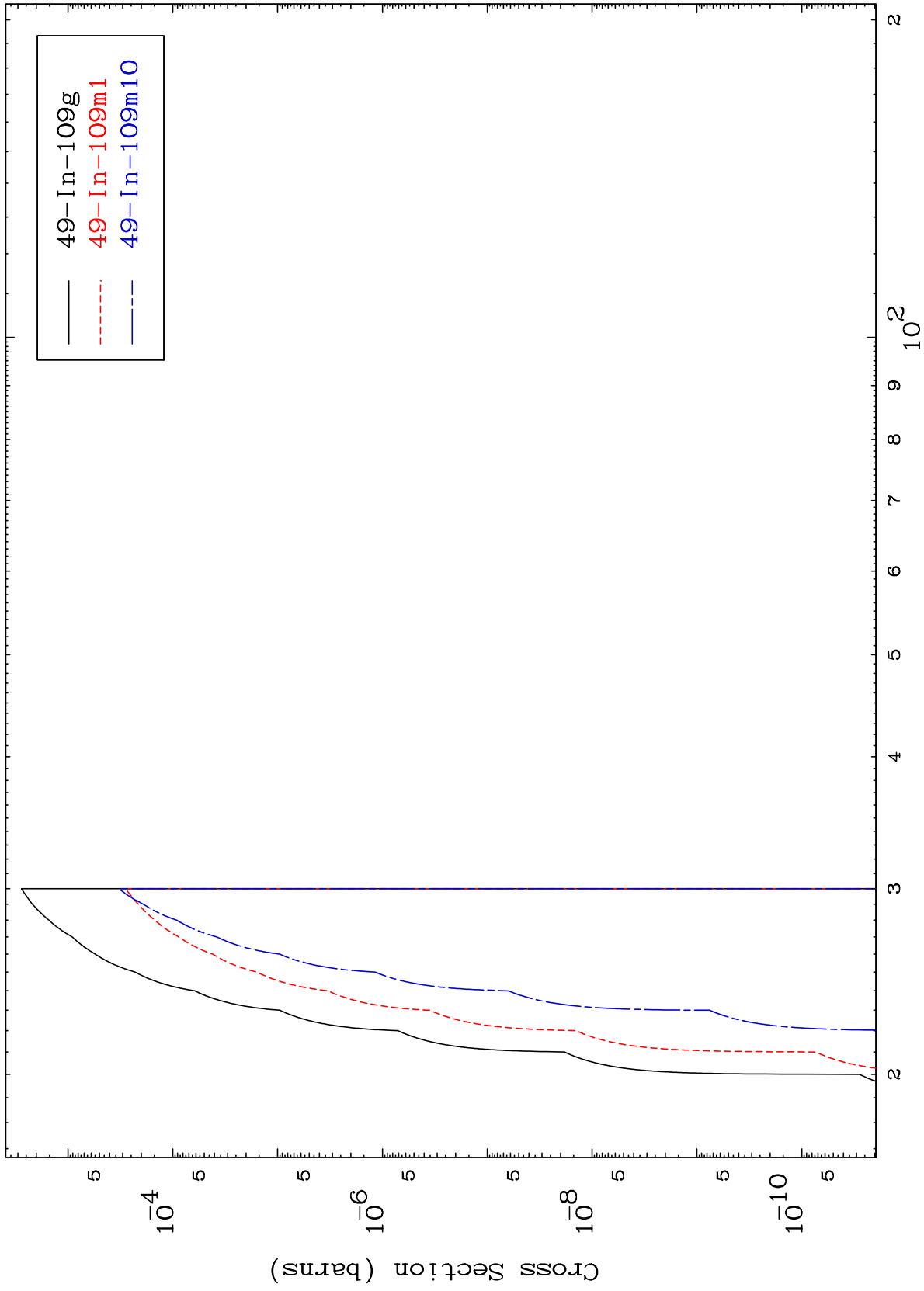
50-Sn-112

MAT 5025

(n,n') t

50-Sn-112

Radionuclide Production Cross Section



138

Incident Energy (MeV)

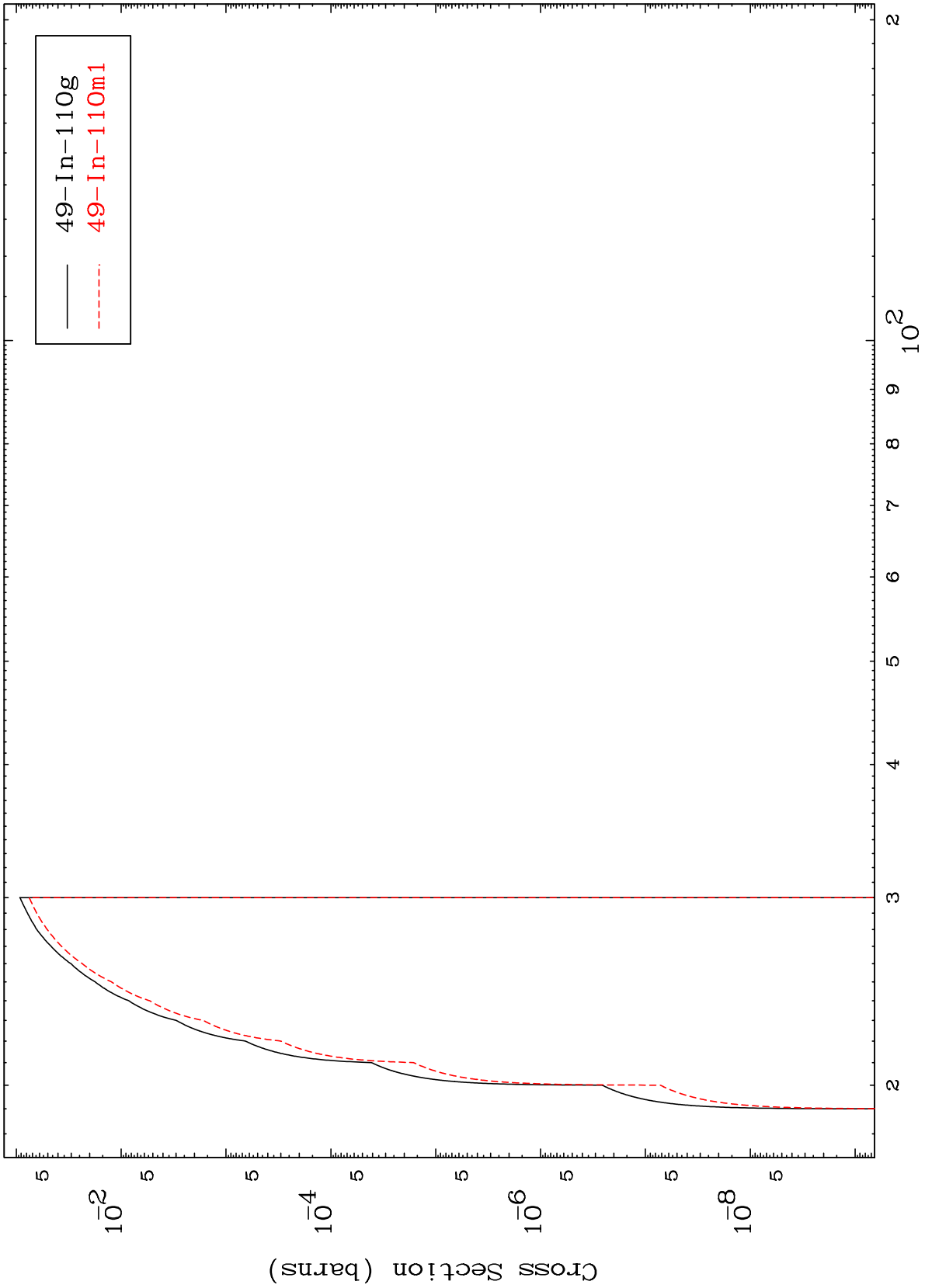
50-Sn-112

MAT 5025

(n,2n) p

50-Sn-112

Radionuclide Production Cross Section



139

Incident Energy (MeV)

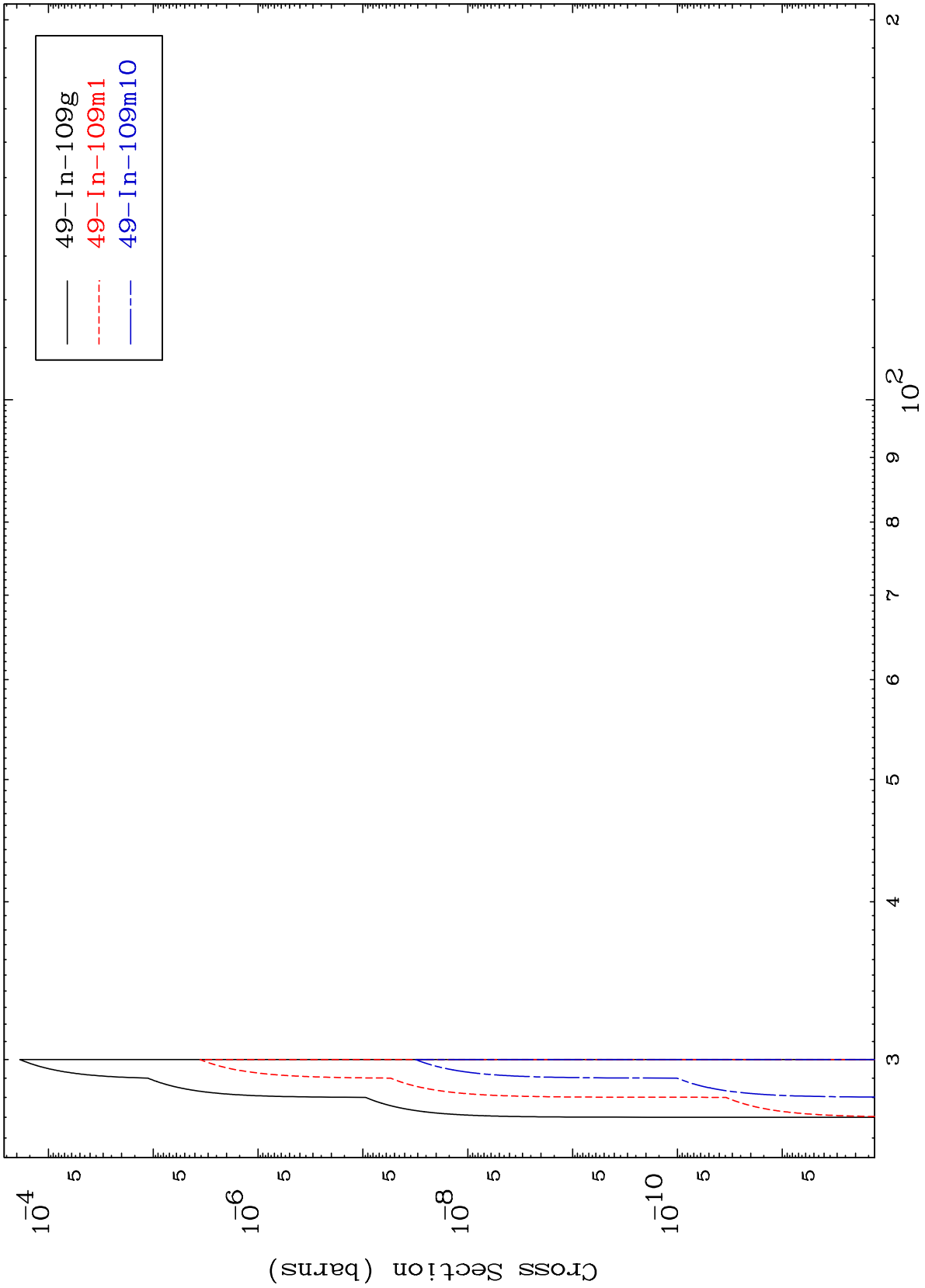
50-Sn-112

MAT 5025

(n,3n) p

50-Sn-112

Radionuclide Production Cross Section



140

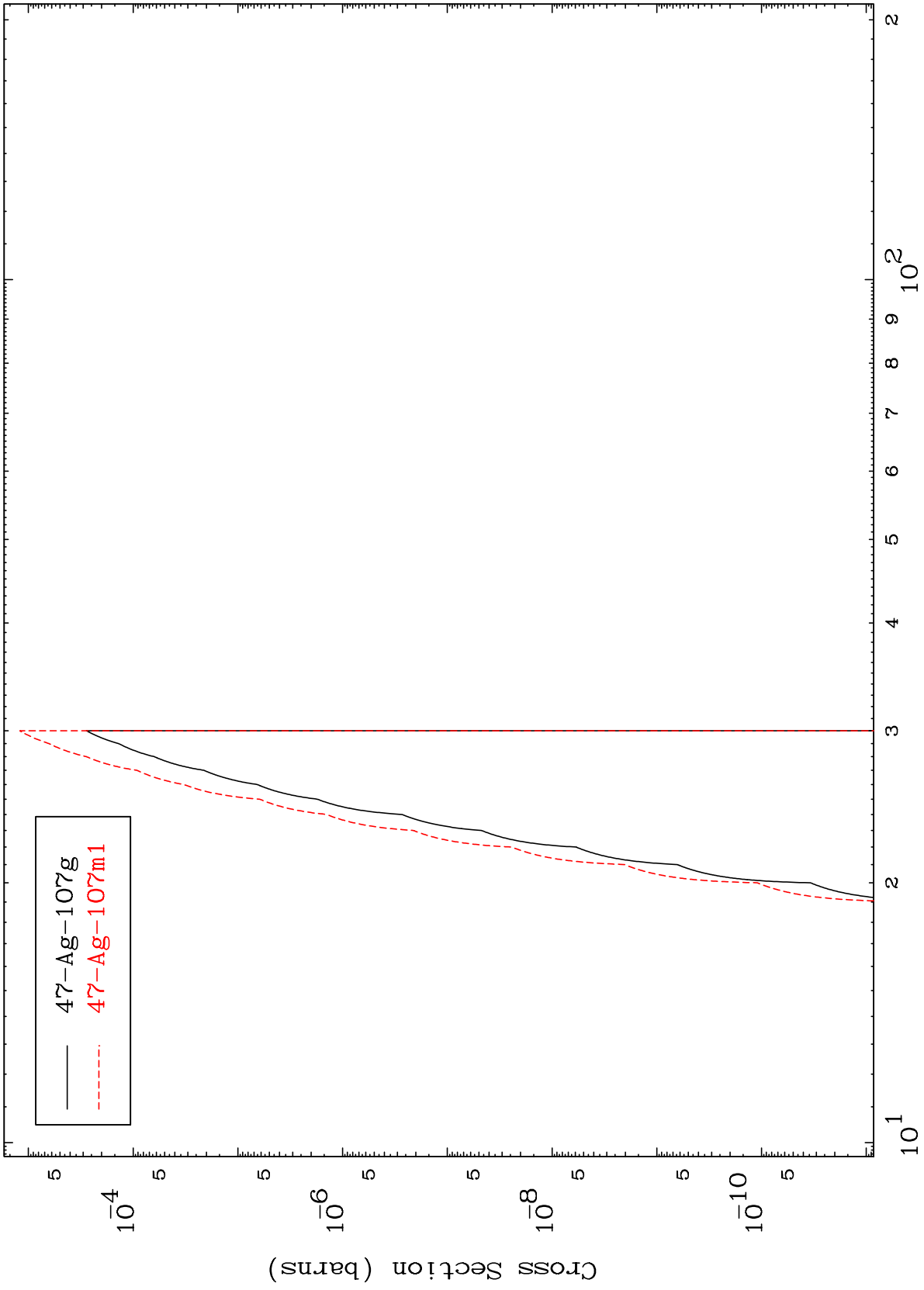
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

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



50-Sn-112

Incident Energy (MeV)

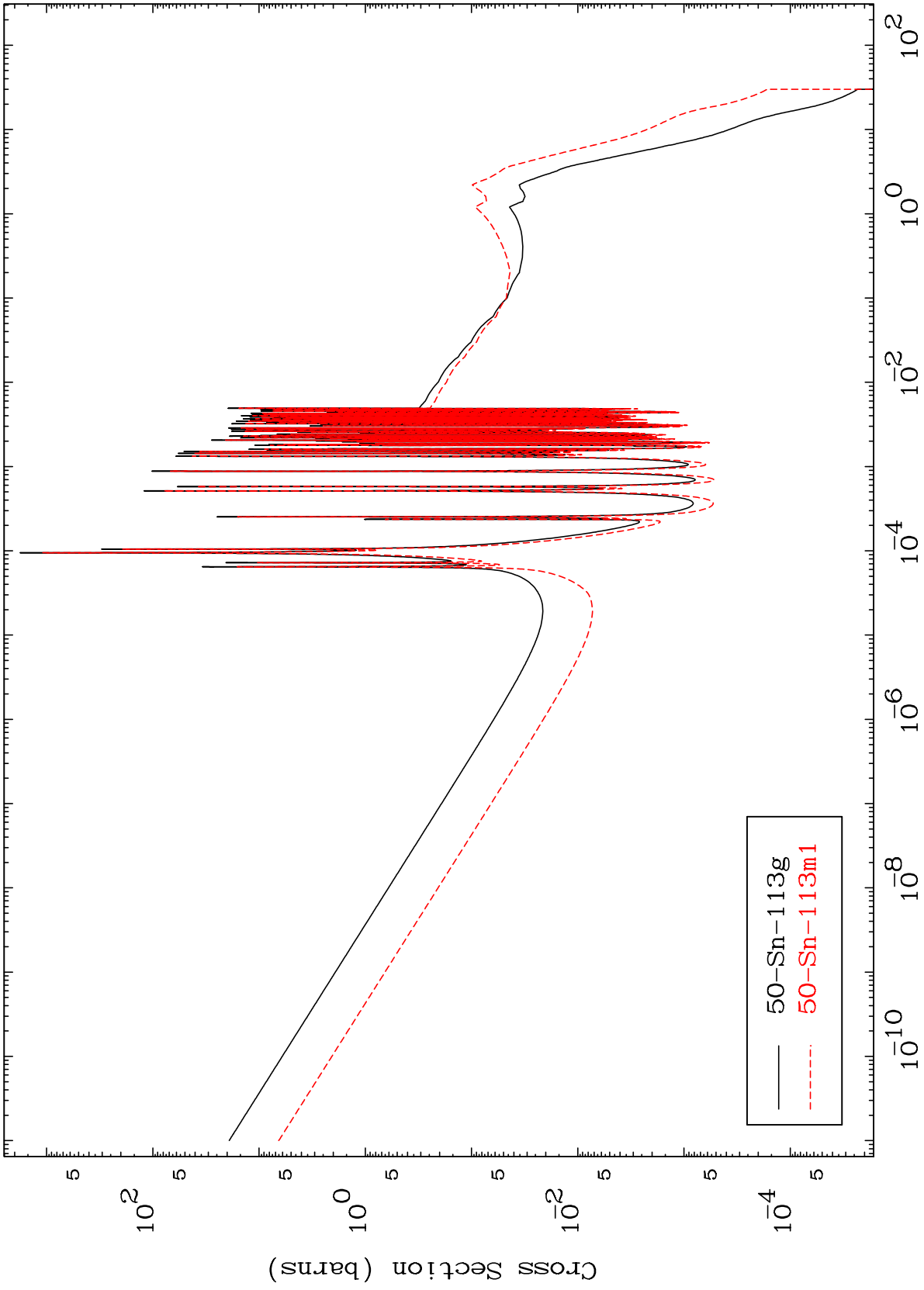
141

MAT 5025

50-Sn-112

Radionuclide Production Cross Section

(n,γ)



142

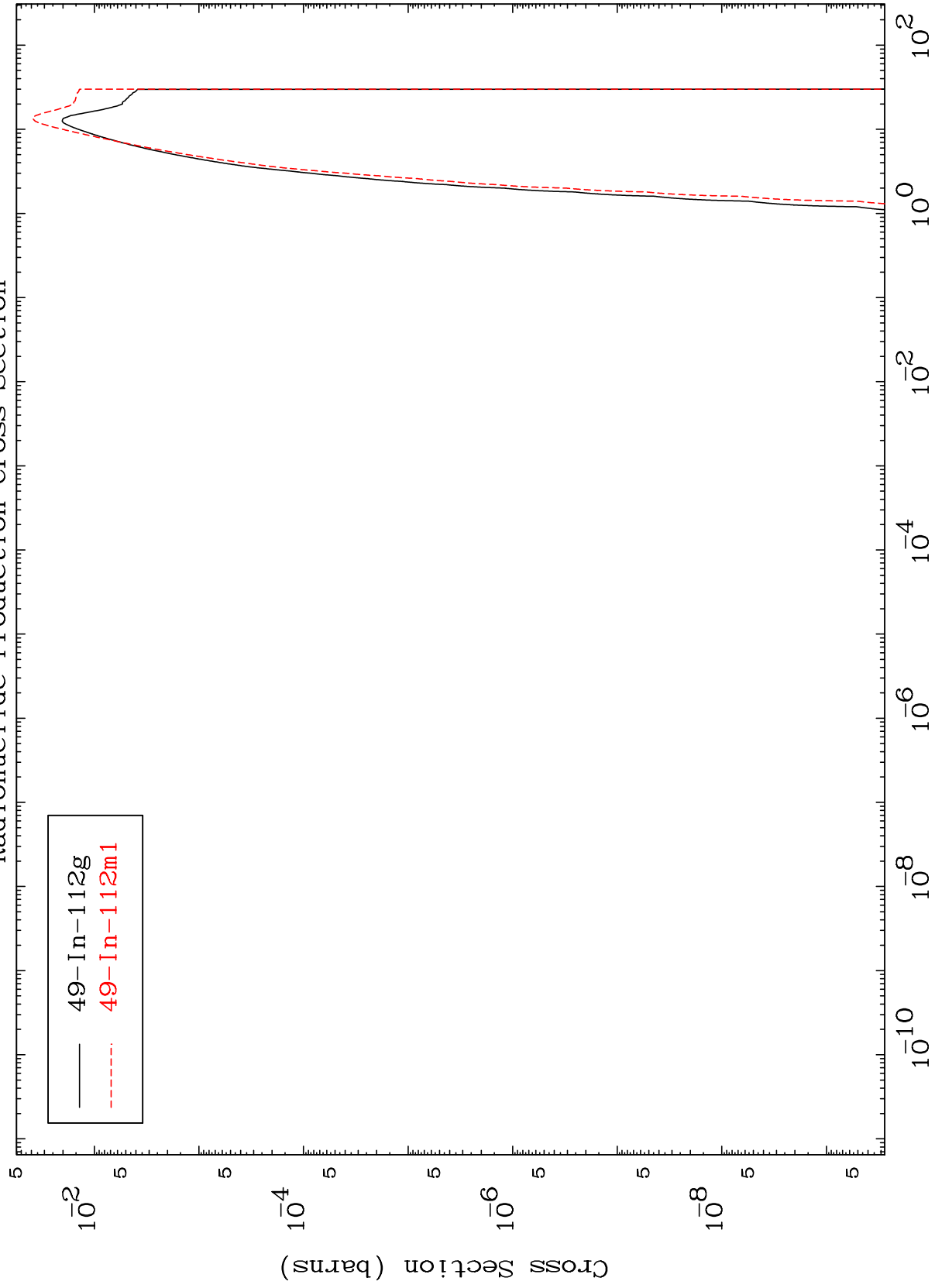
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,p)  
Radionuclide Production Cross Section

50-Sn-112



143

Incident Energy (MeV)

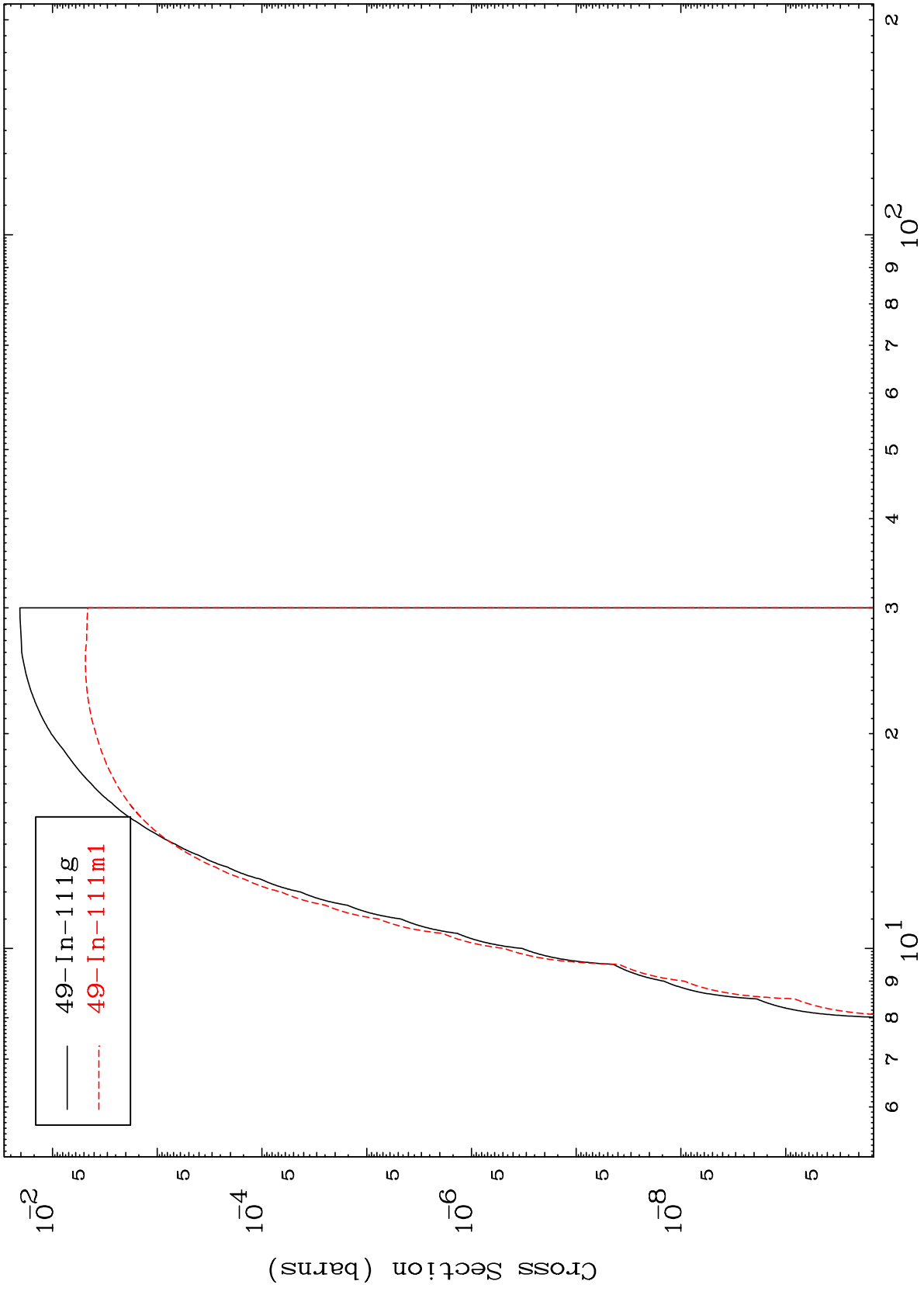
50-Sn-112



MAT 5025

(n,d)  
Radionuclide Production Cross Section

50-Sn-112



144

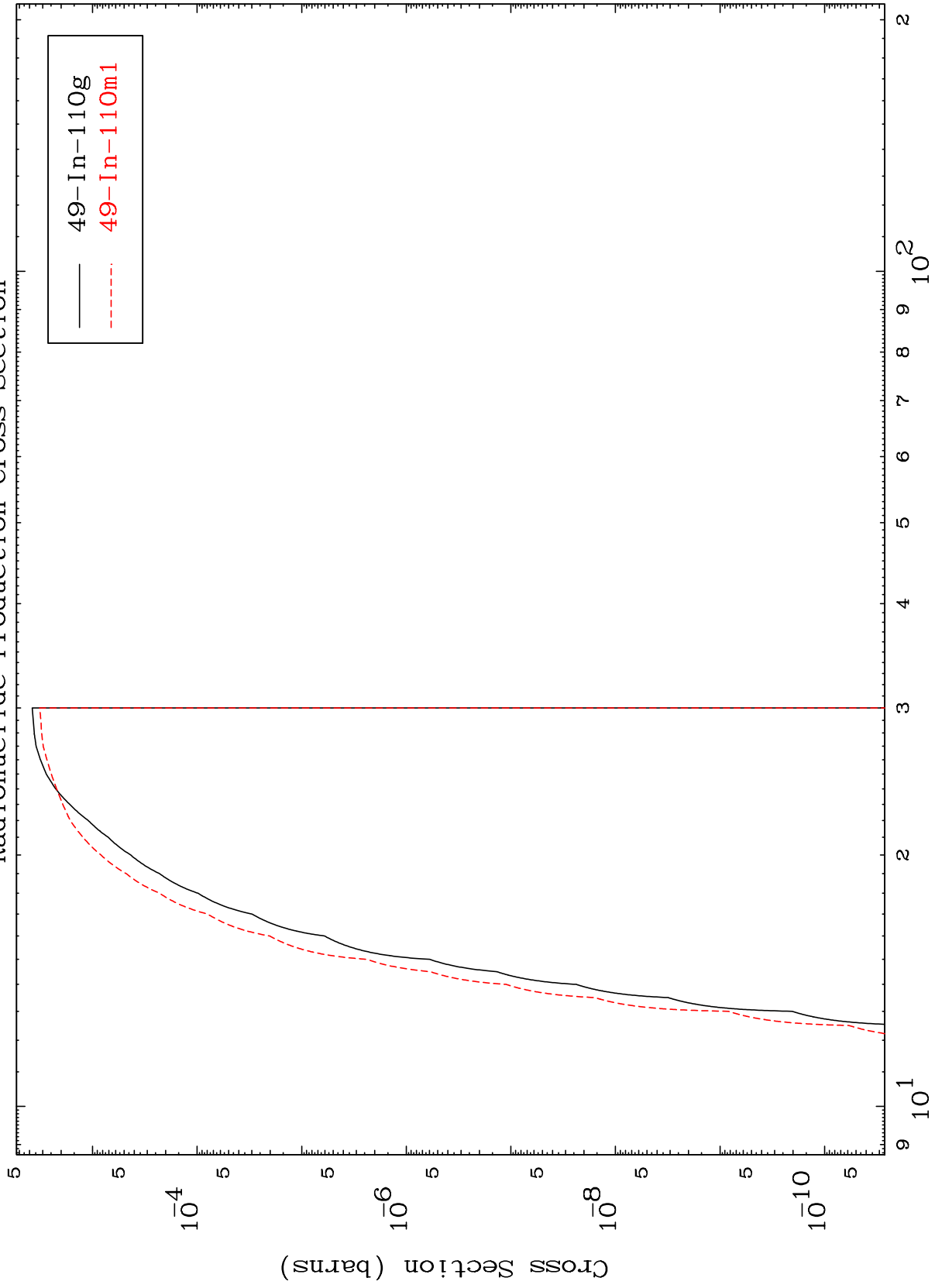
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n, t)  
Radionuclide Production Cross Section



145

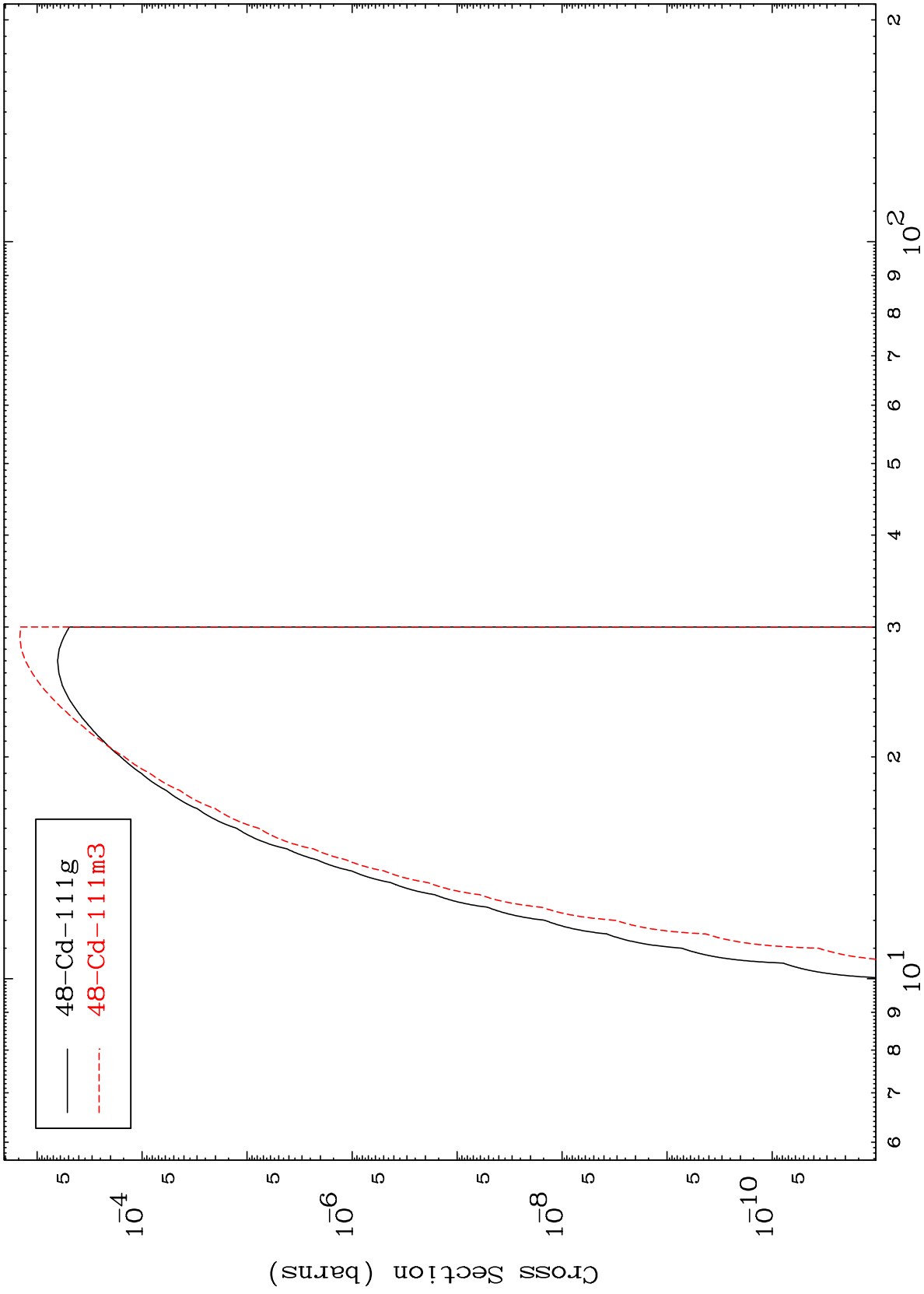
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

Radionuclide Production Cross Section  
(n,2p)



146

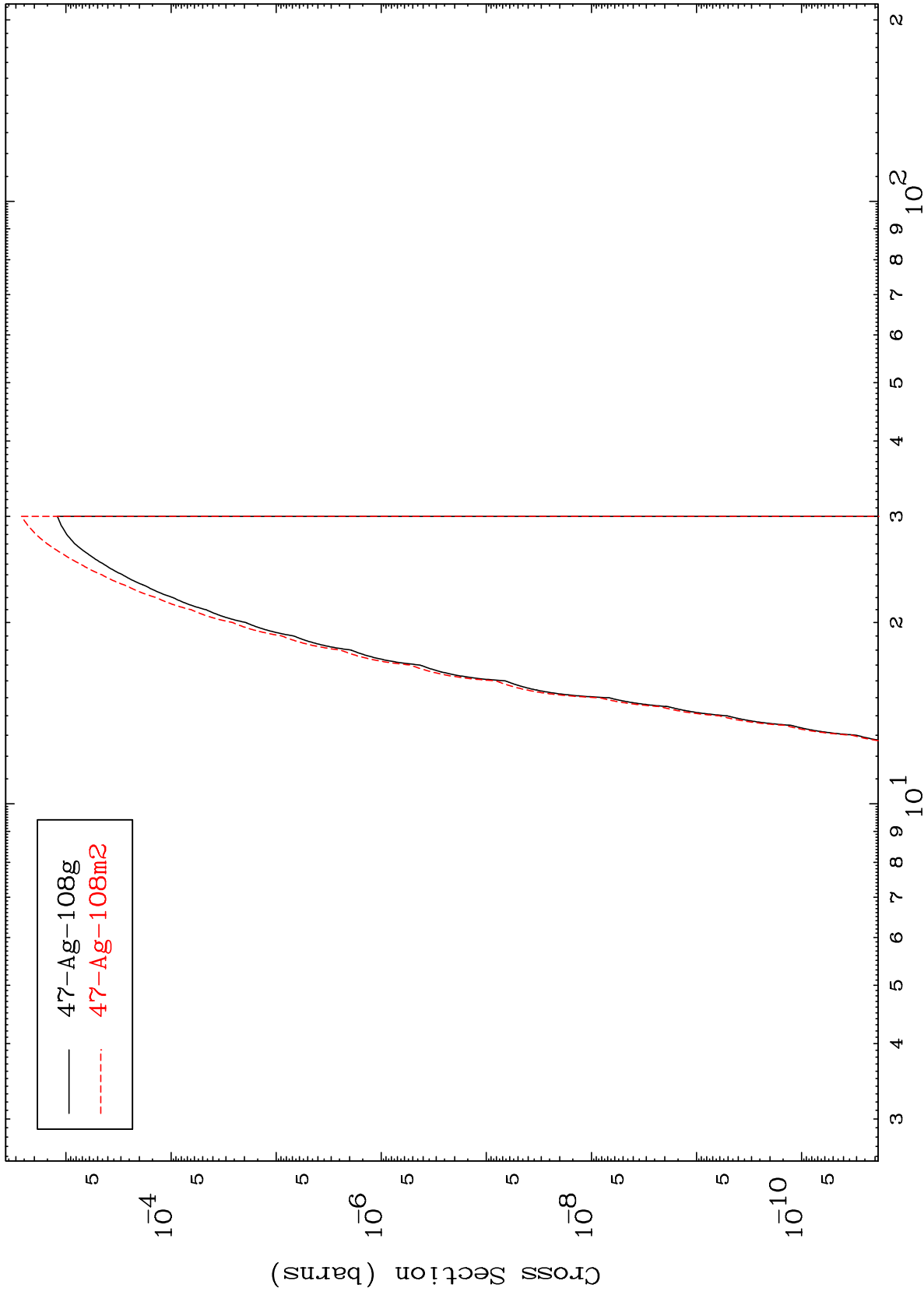
50-Sn-112

MAT 5025

(n,p)  $\alpha$

50-Sn-112

Radionuclide Production Cross Section



147

Incident Energy (MeV)

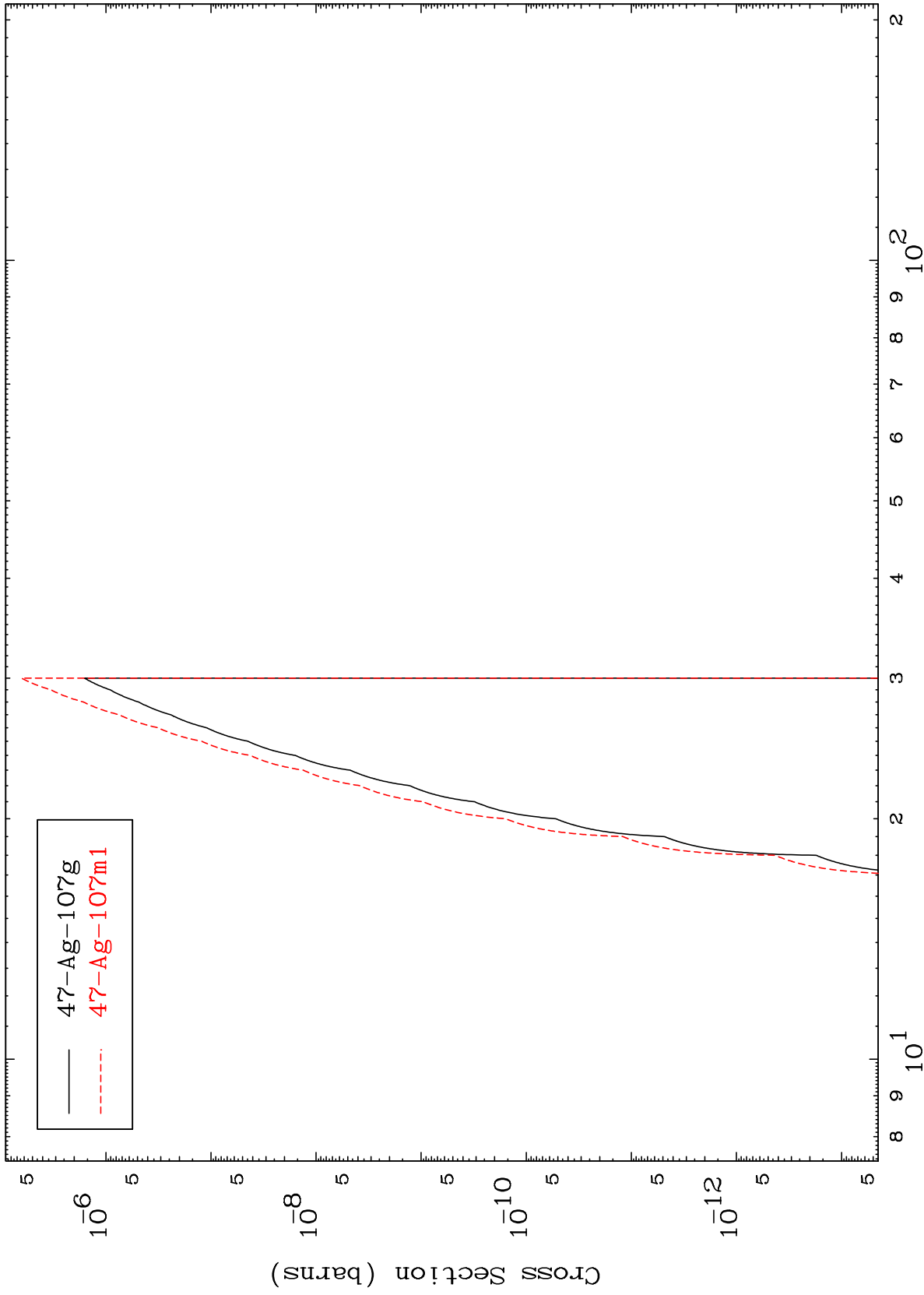
50-Sn-112

MAT 5025

(n,d)  $\alpha$

50-Sn-112

Radionuclide Production Cross Section



148

Incident Energy (MeV)

50-Sn-112