

Program EVALPLOT  
(Version 2018-1)

by

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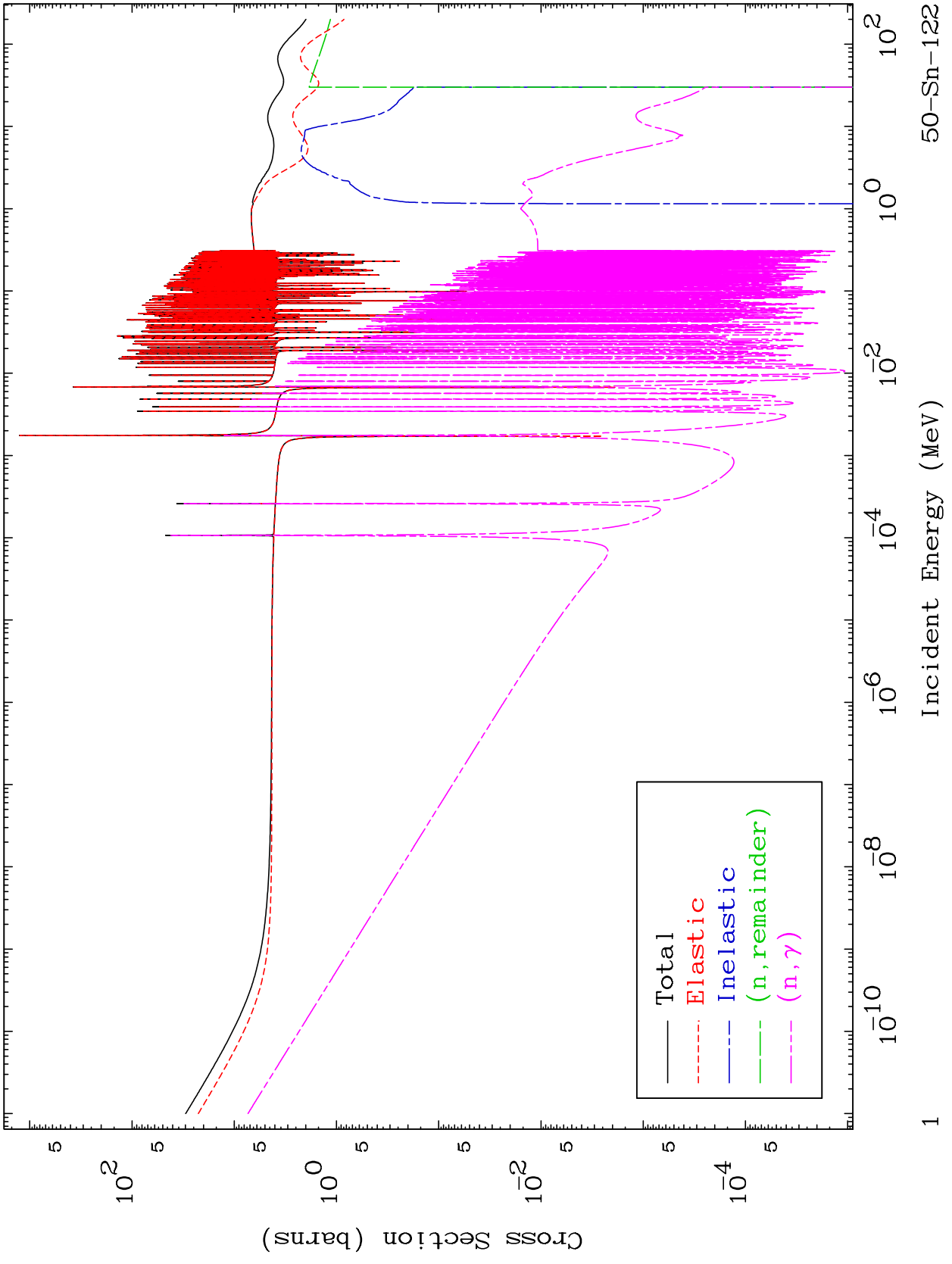
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5055

Major  
293 Kelvin Cross Sections

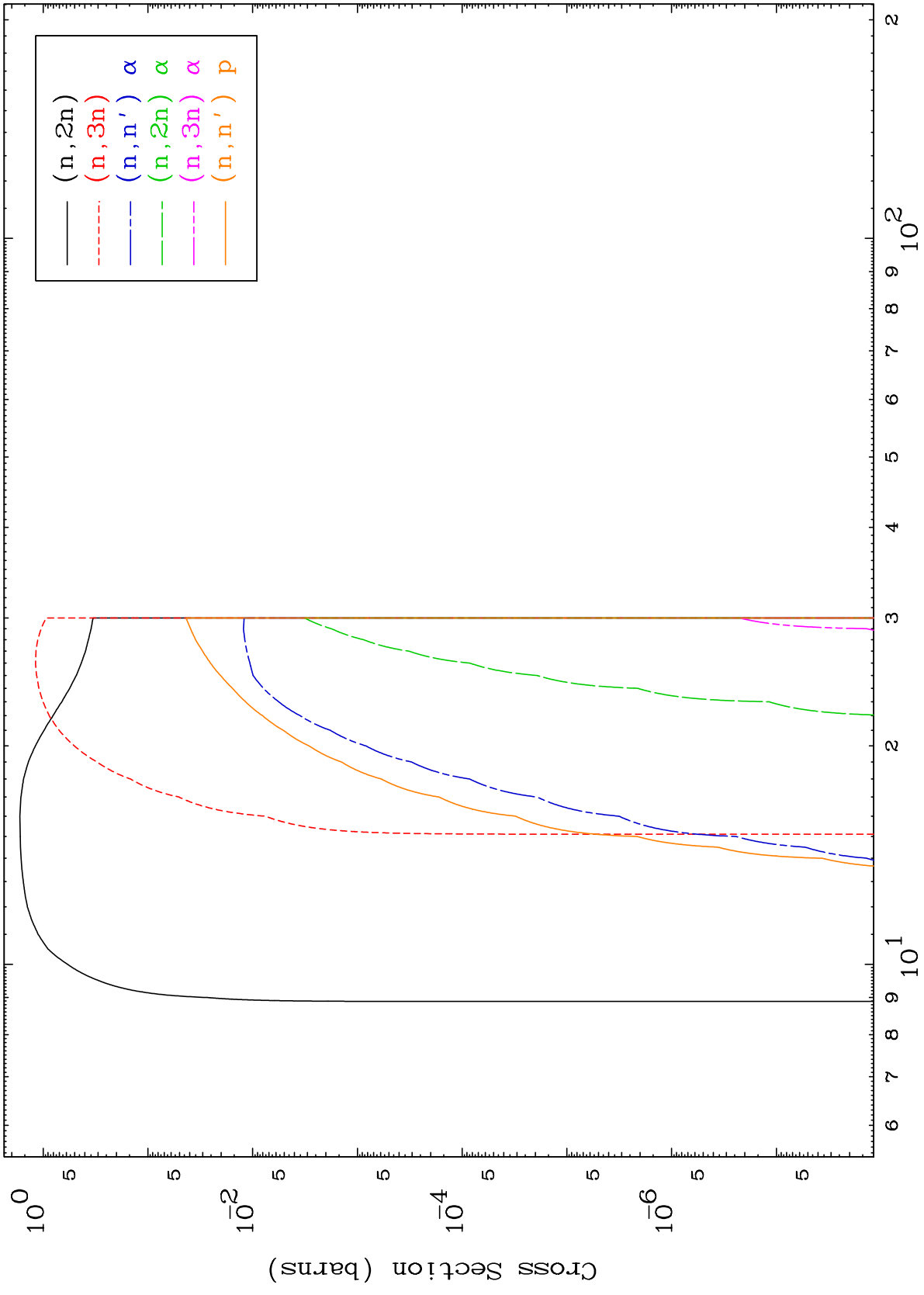
50-Sn-122



MAT 5055

Neutron Production  
293 Kelvin Cross Sections

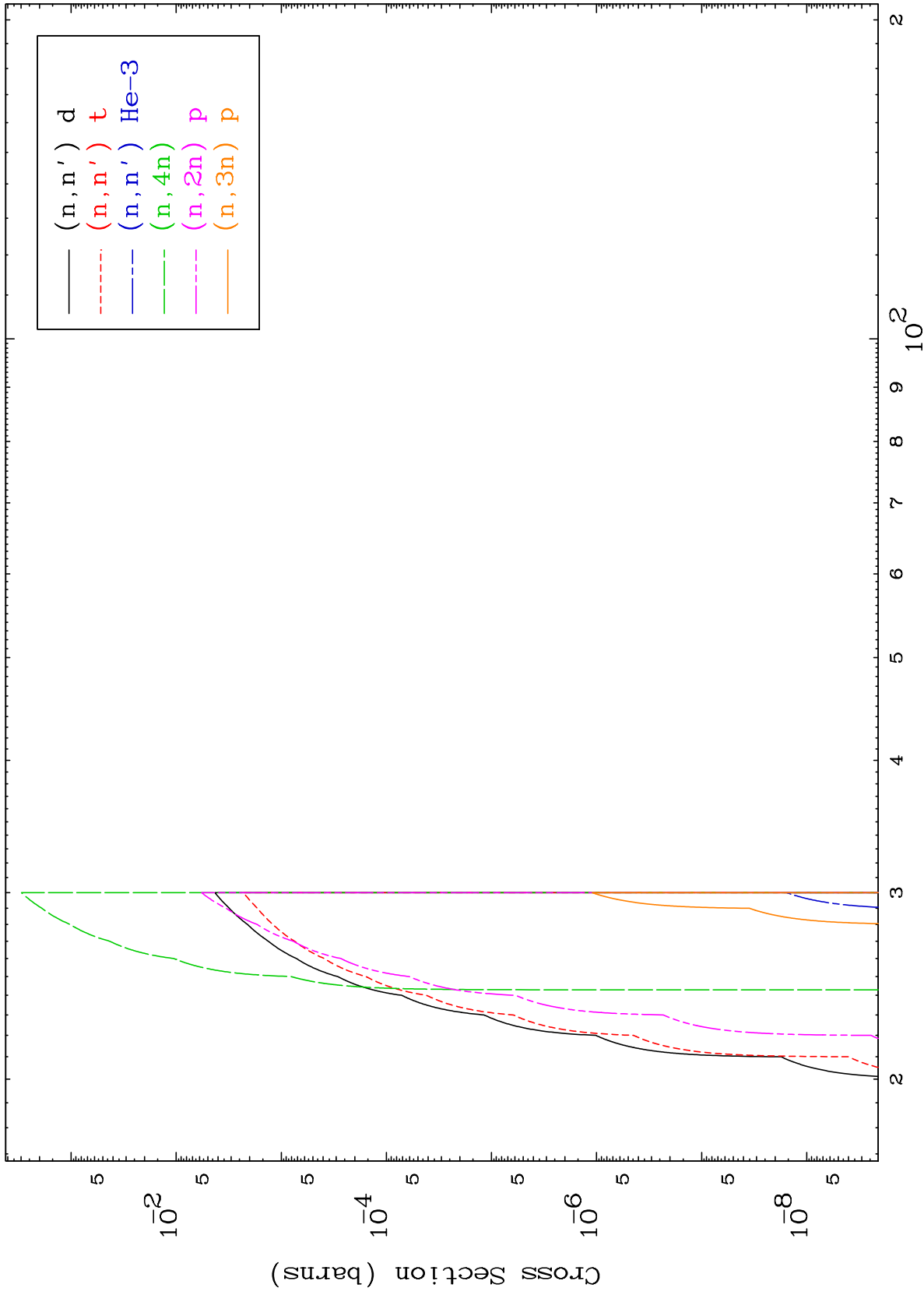
50-Sn-122



2

Incident Energy (MeV)

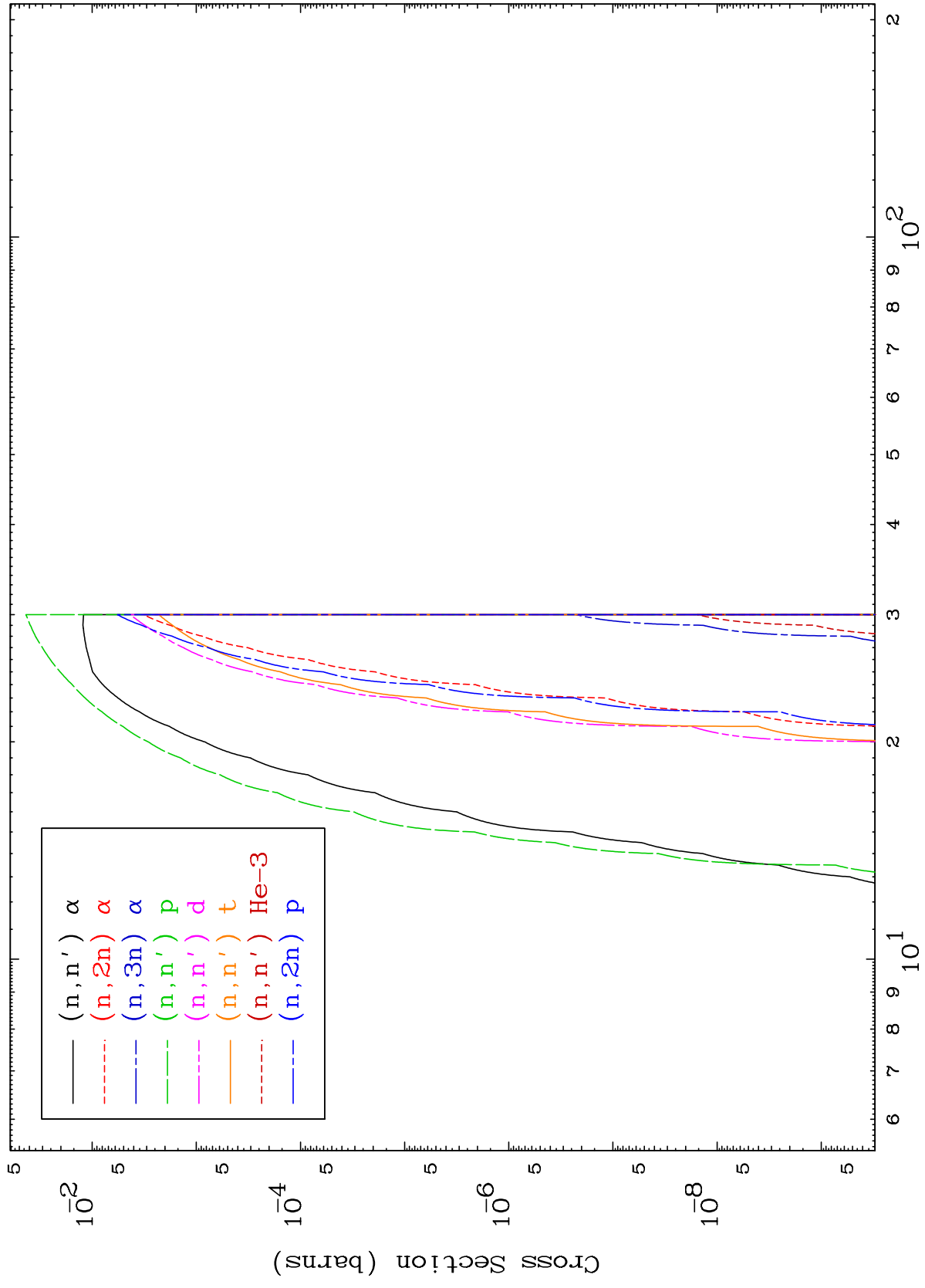
50-Sn-122



MAT 5055

Charged Particle  
293 Kelvin Cross Sections

50-Sn-122

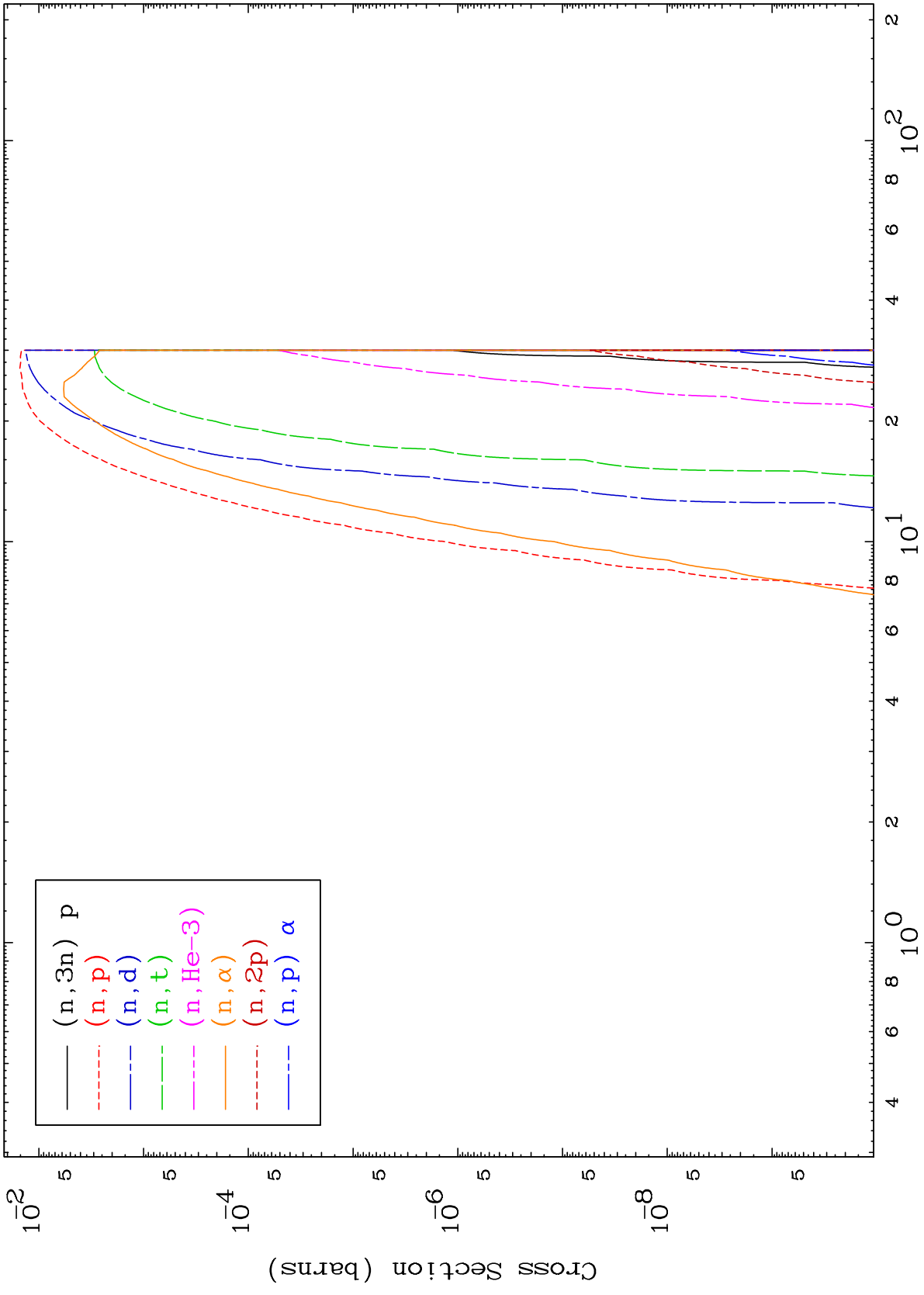


50-Sn-122

MAT 5055

293 Kelvin Cross Sections

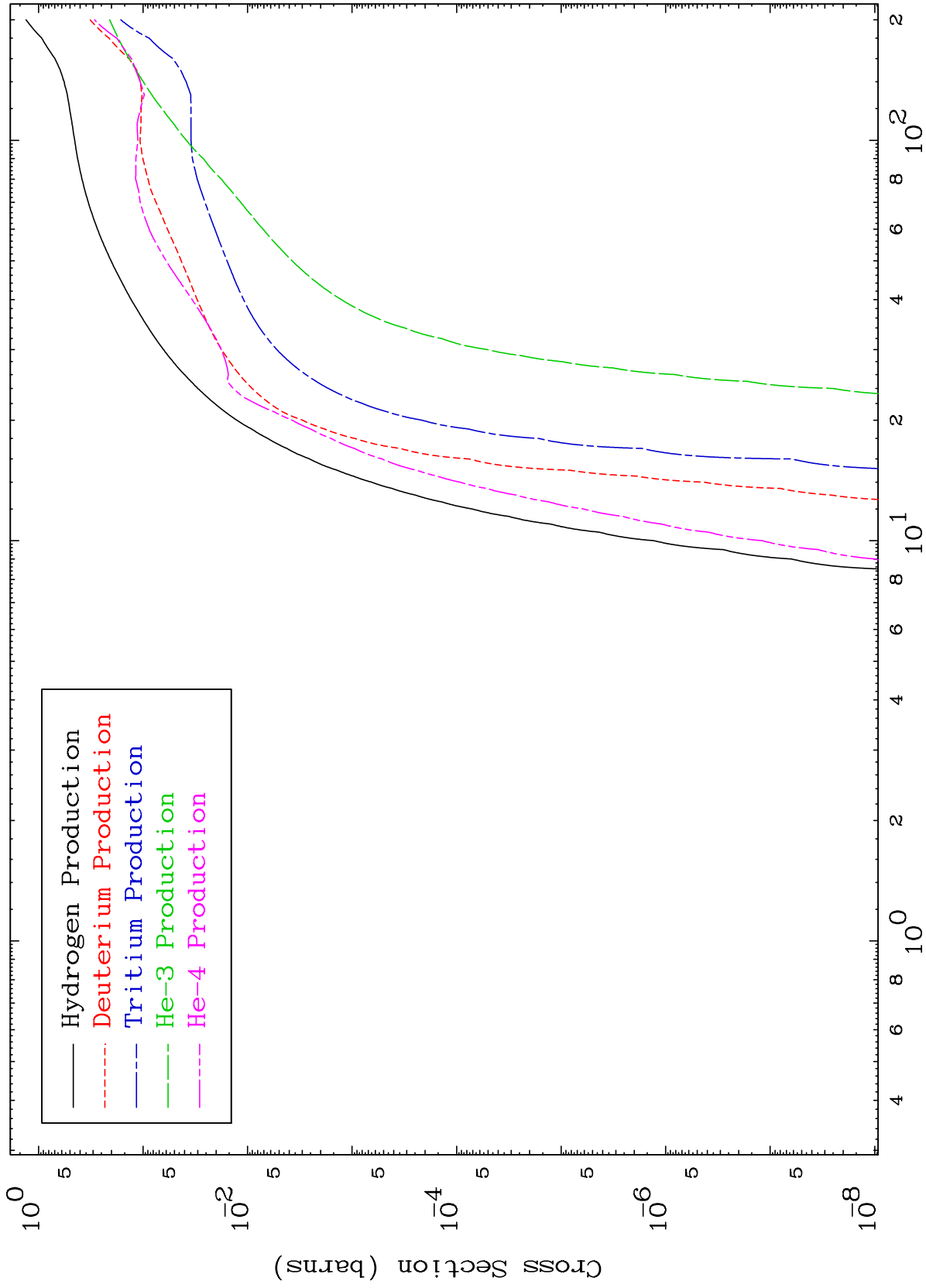
50-Sn-122



MAT 5055

Particle Production  
293 Kelvin Cross Sections

50-Sn-122



6

Incident Energy (MeV)

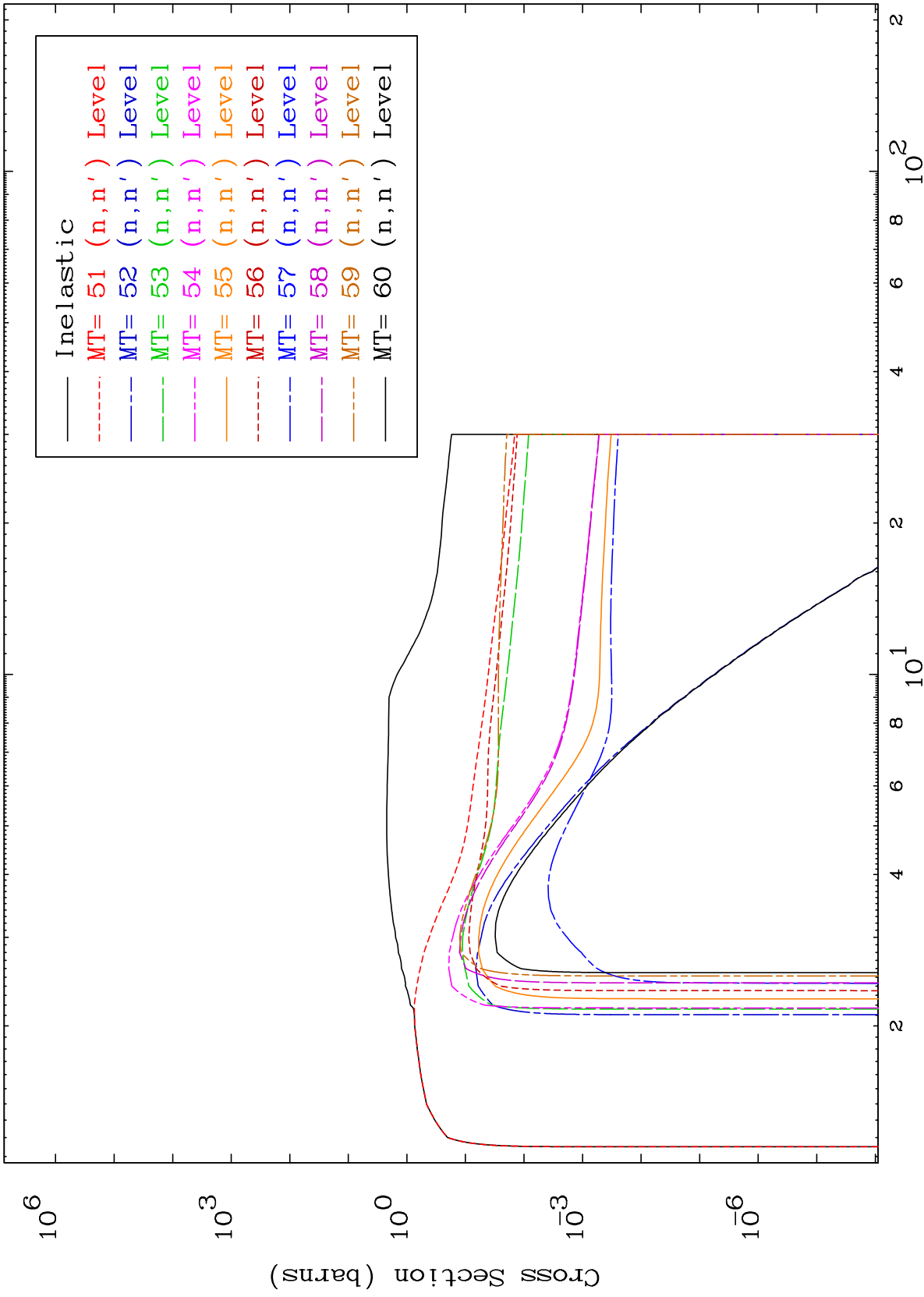
50-Sn-122

MAT 5055

(n,n') Level

50-Sn-122

293 Kelvin Cross Sections

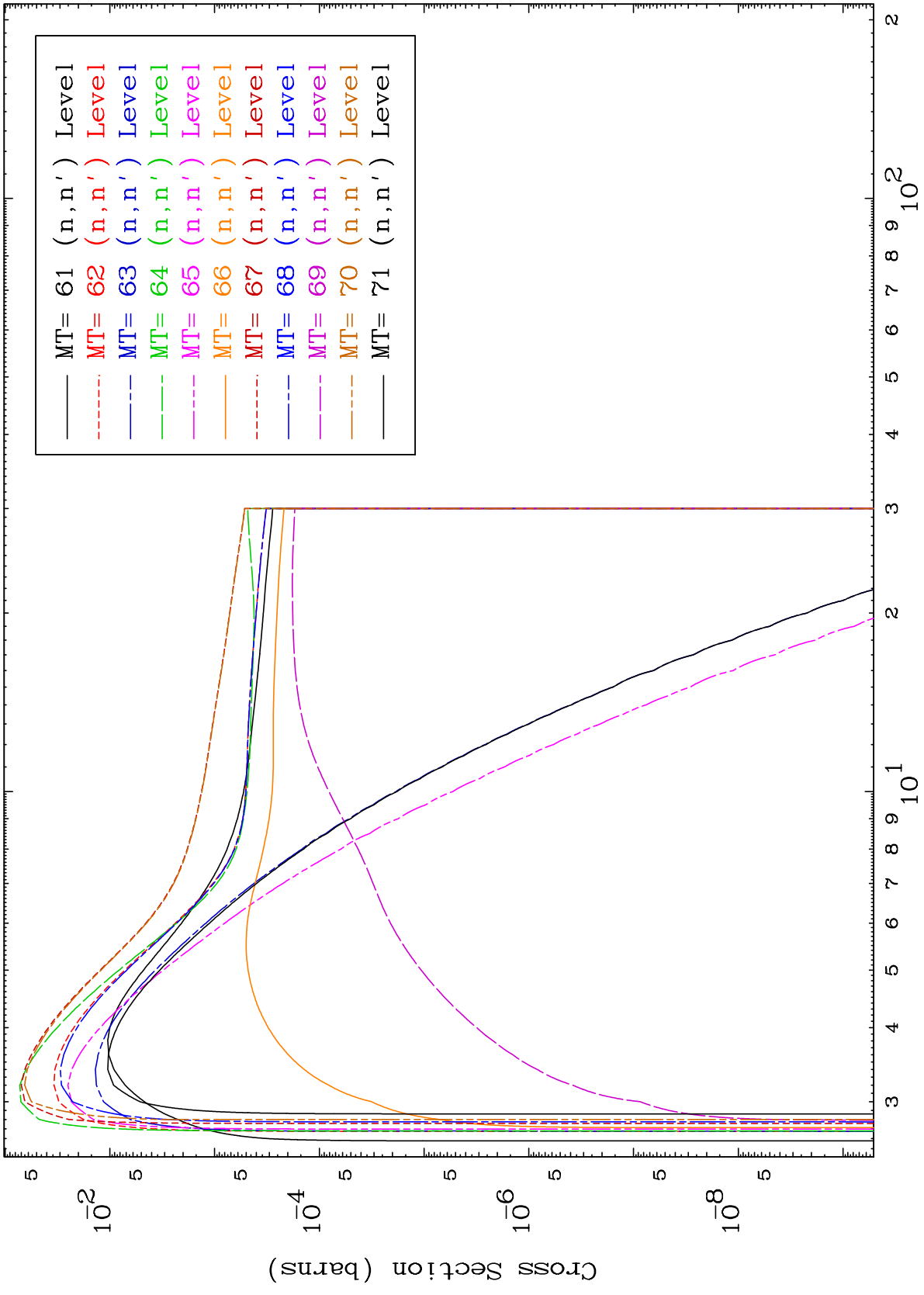


MAT 5055

(n,n') Level

293 Kelvin Cross Sections

50-Sn-122

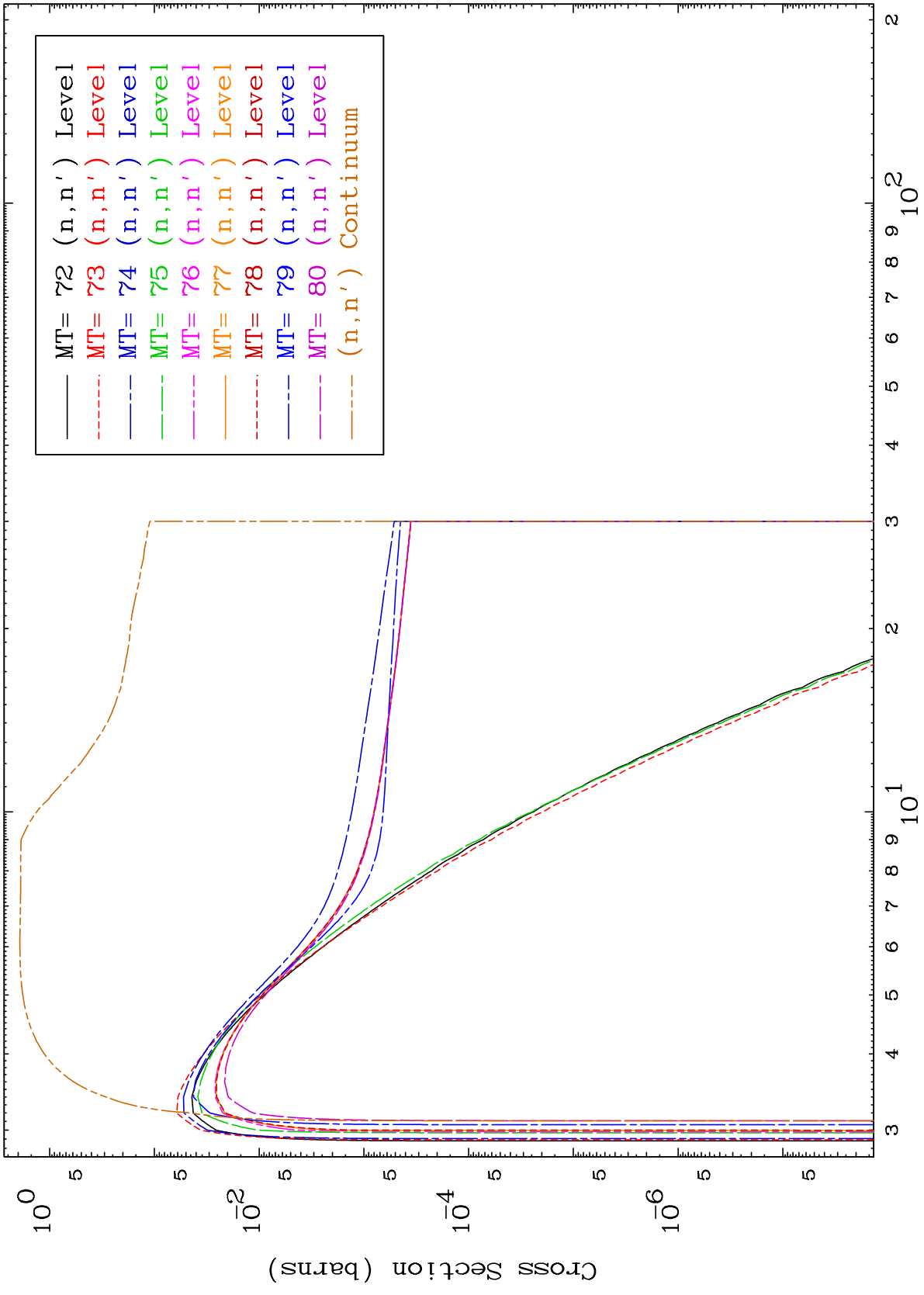


MAT 5055

(n,n') Level

50-Sn-122

293 Kelvin Cross Sections



9

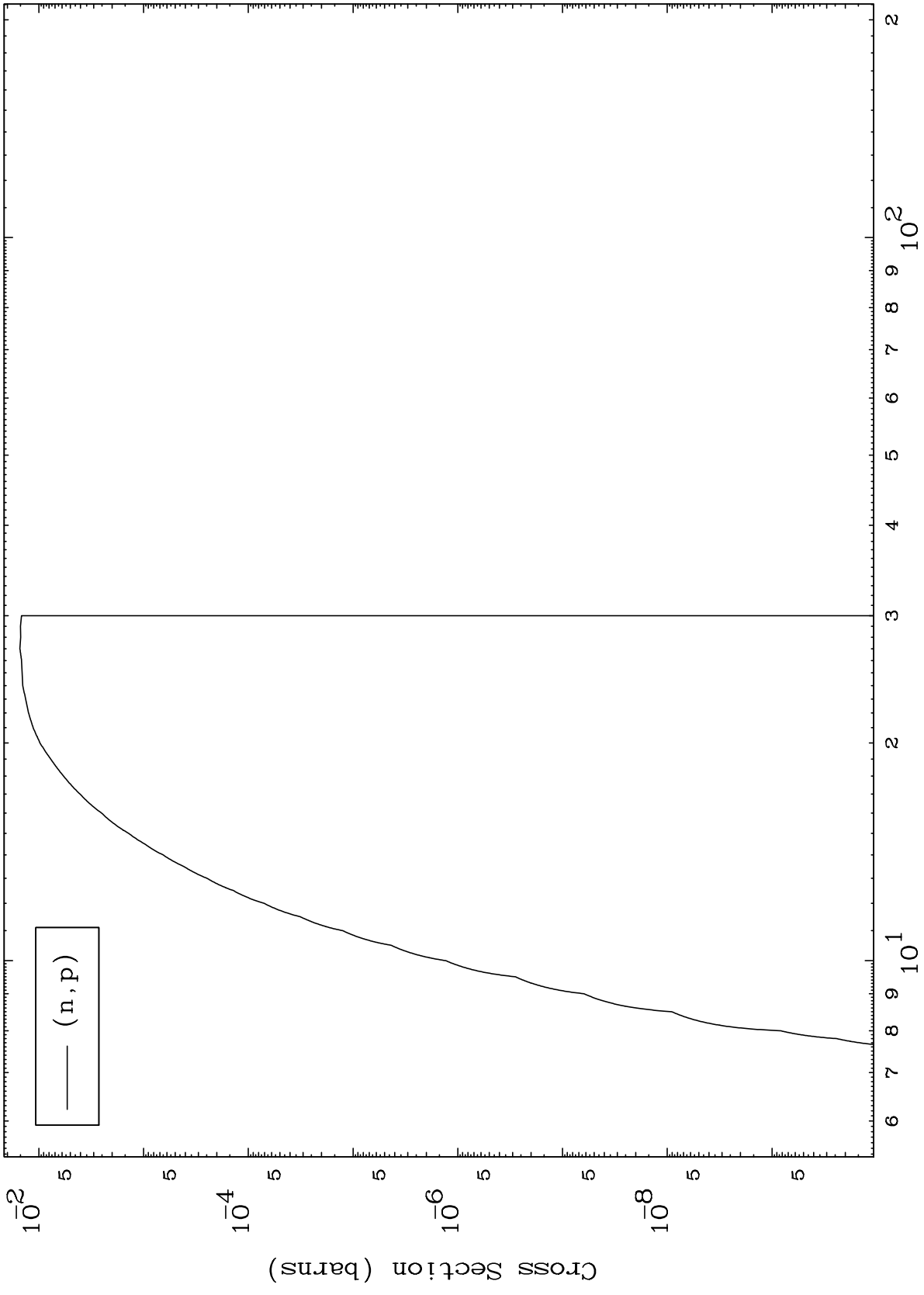
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-122



10

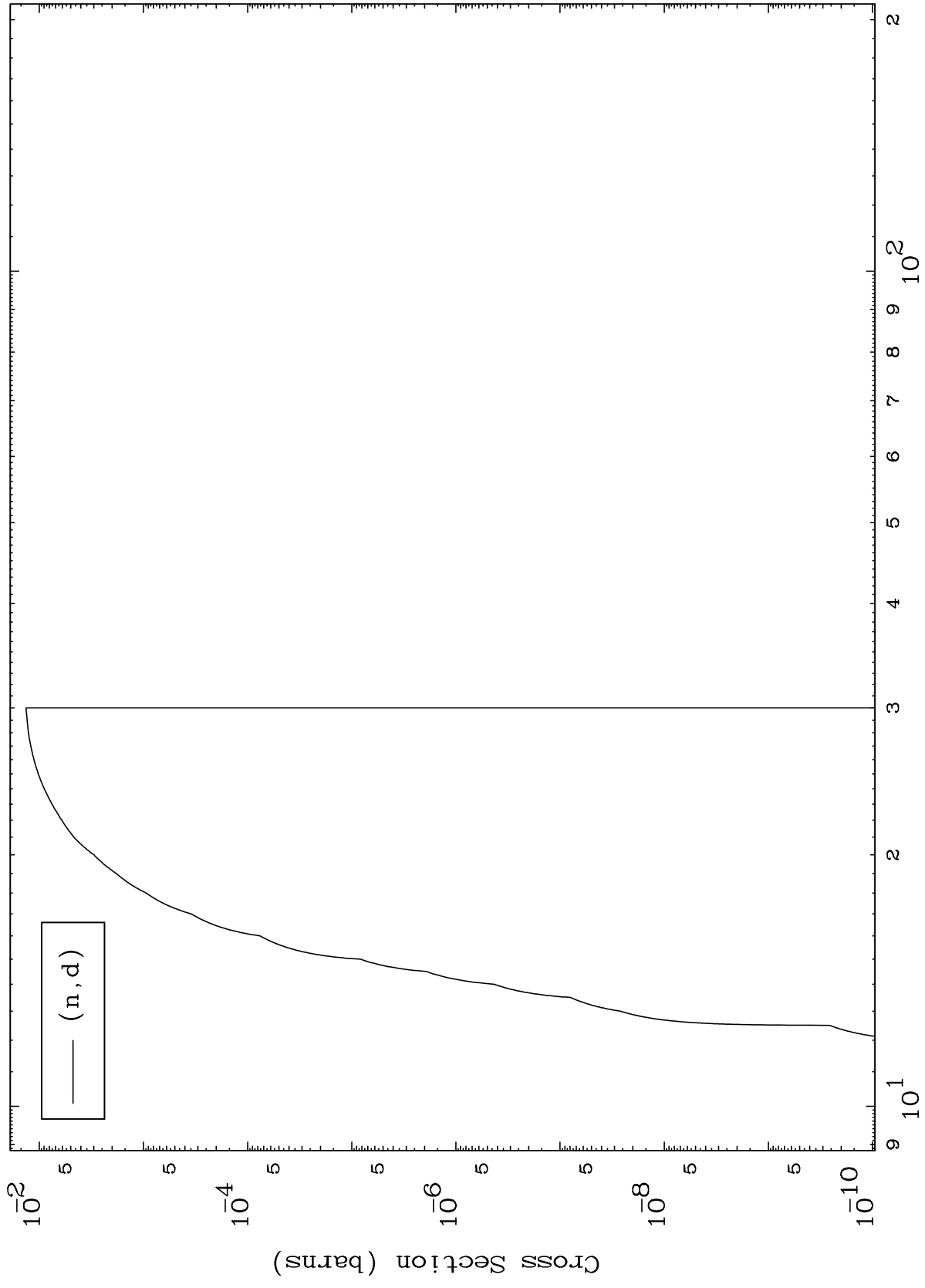
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-122



11

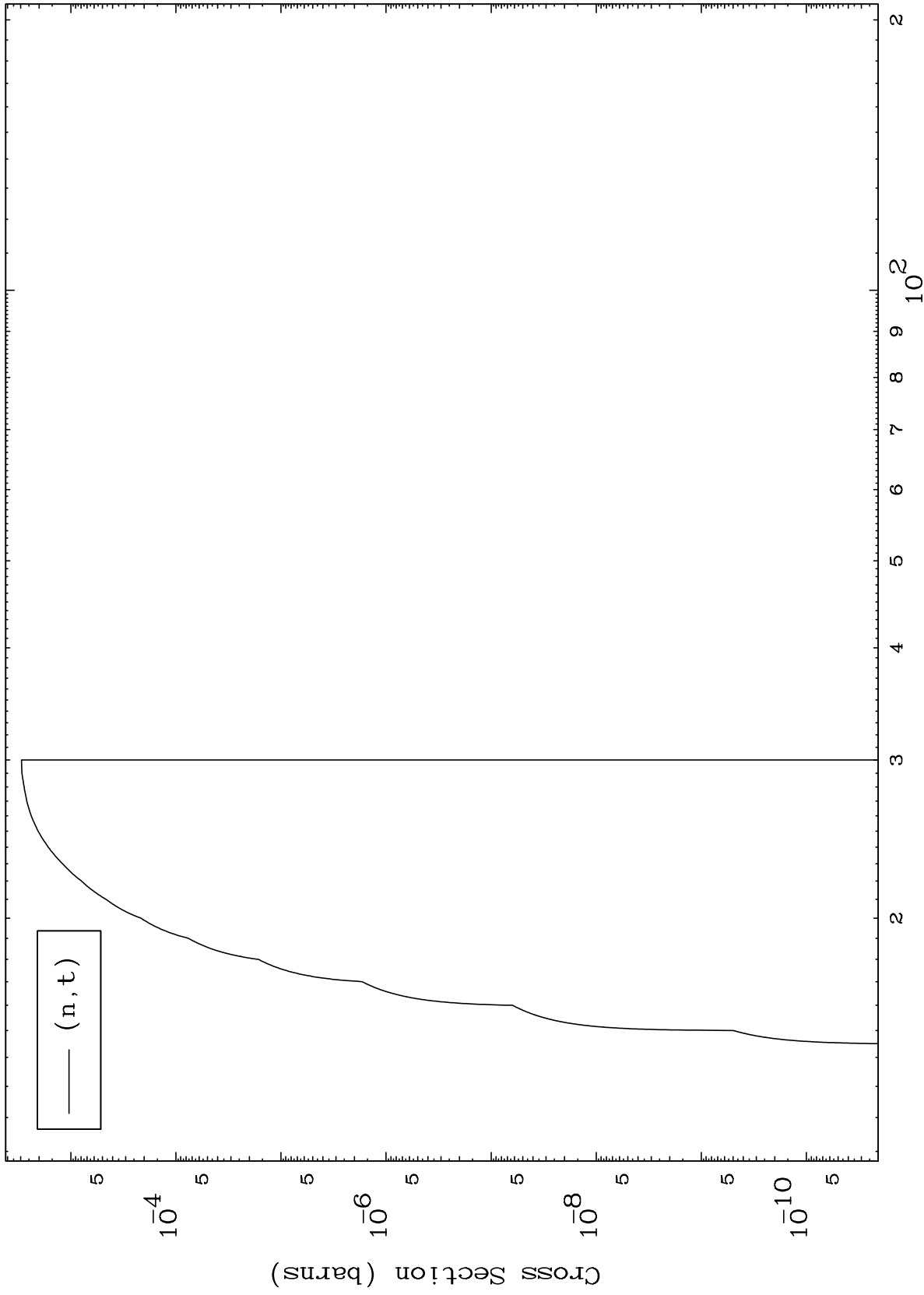
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50-Sn-122

MAT 5055

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-122



12

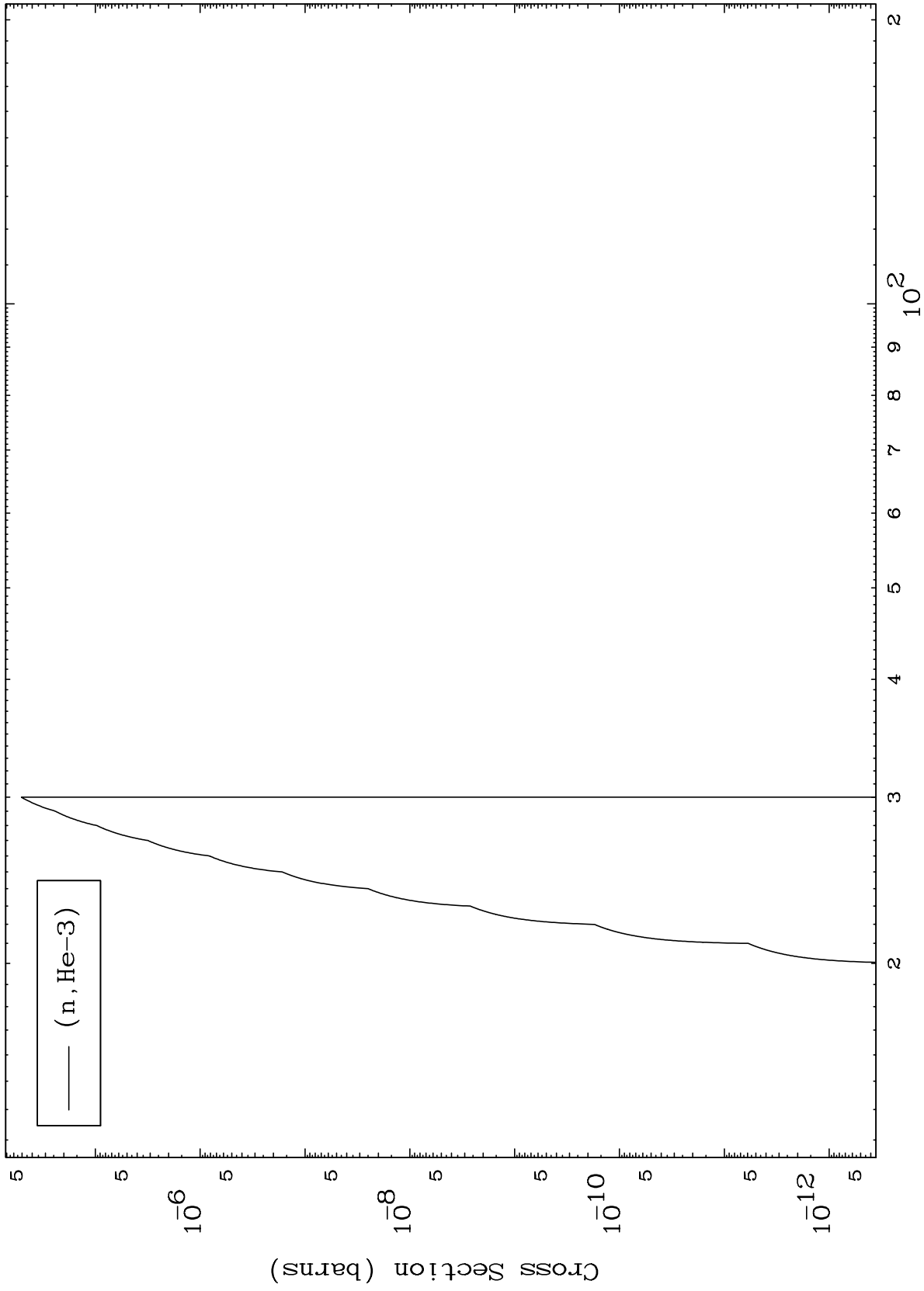
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-122



13

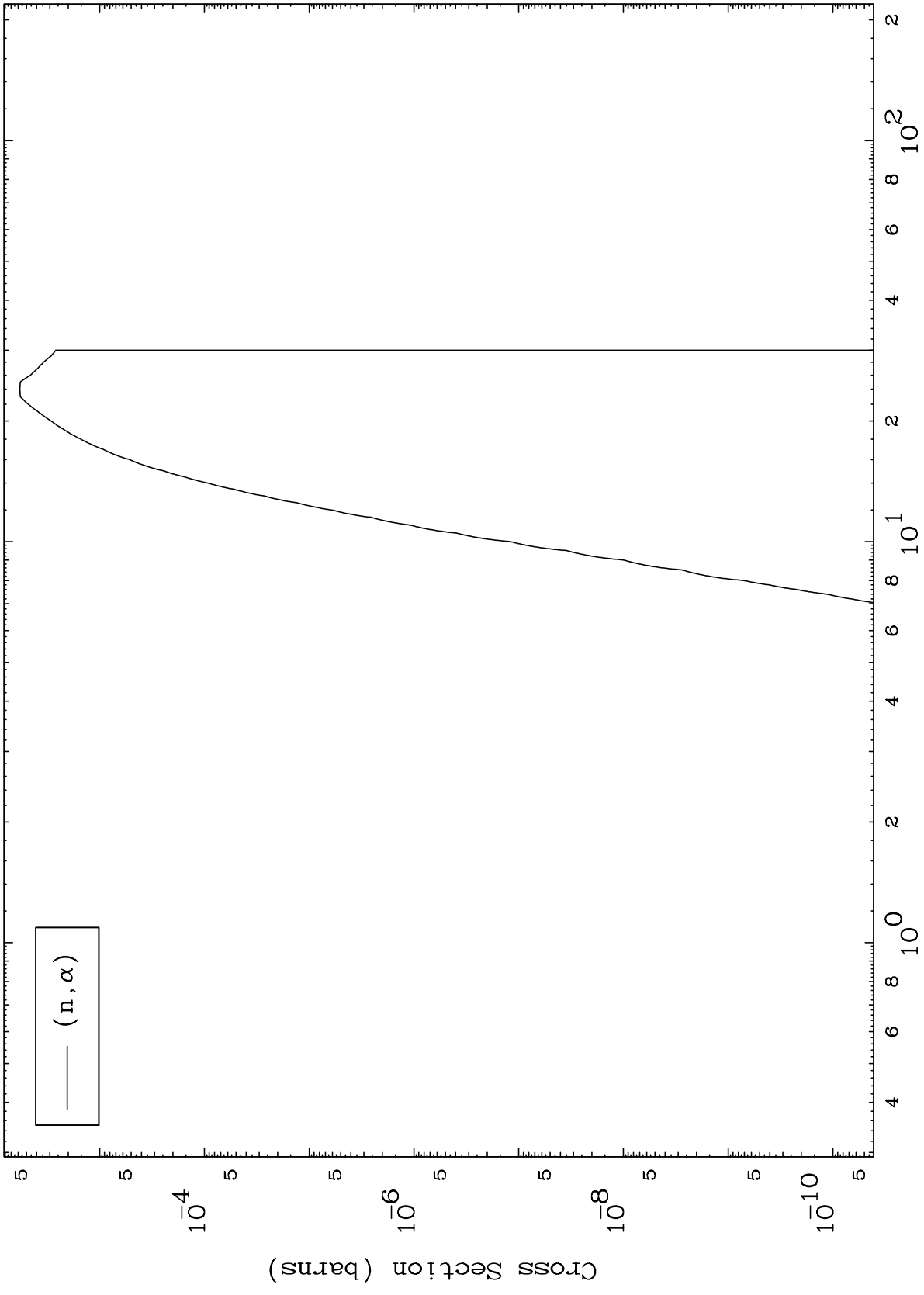
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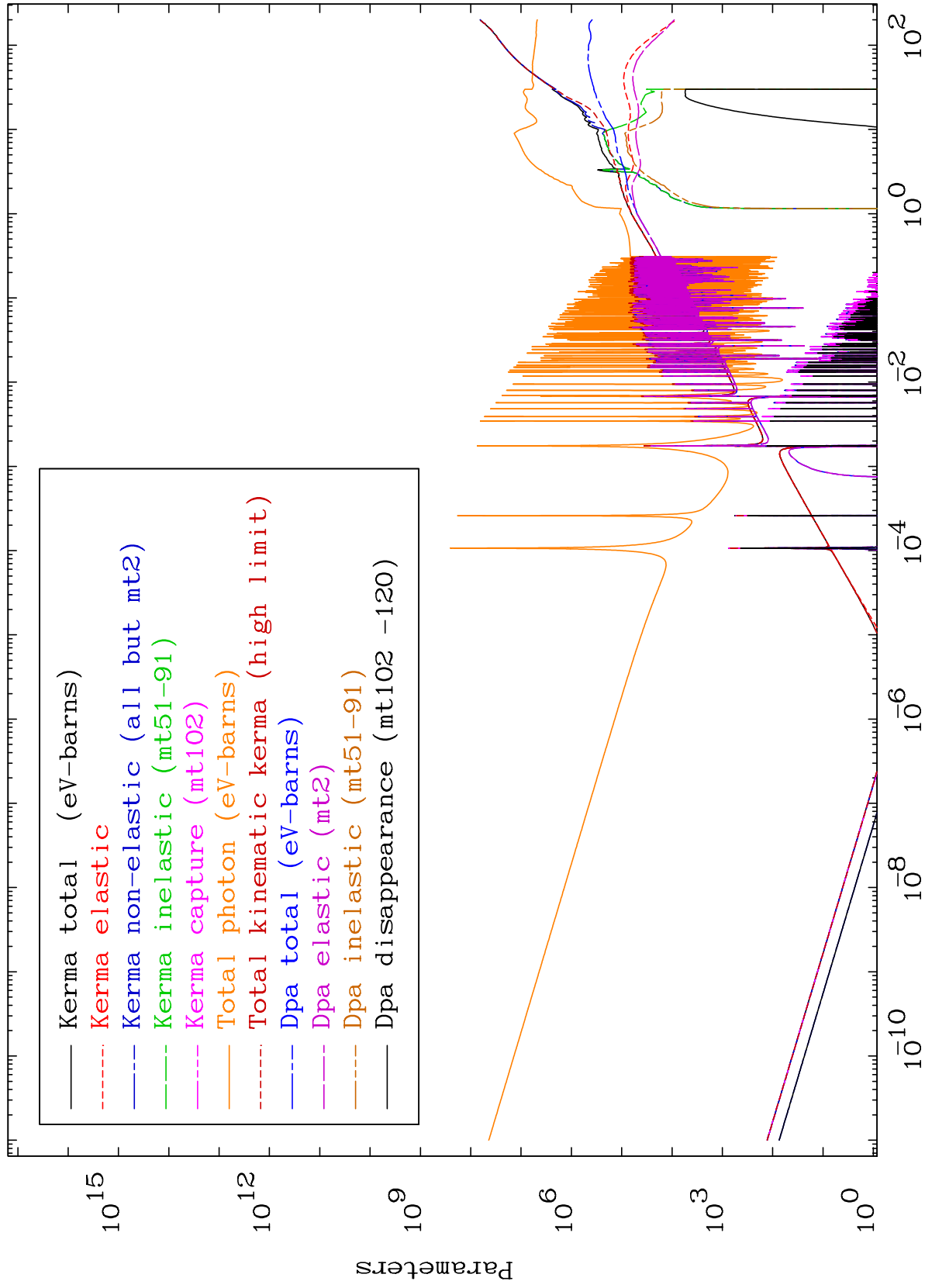
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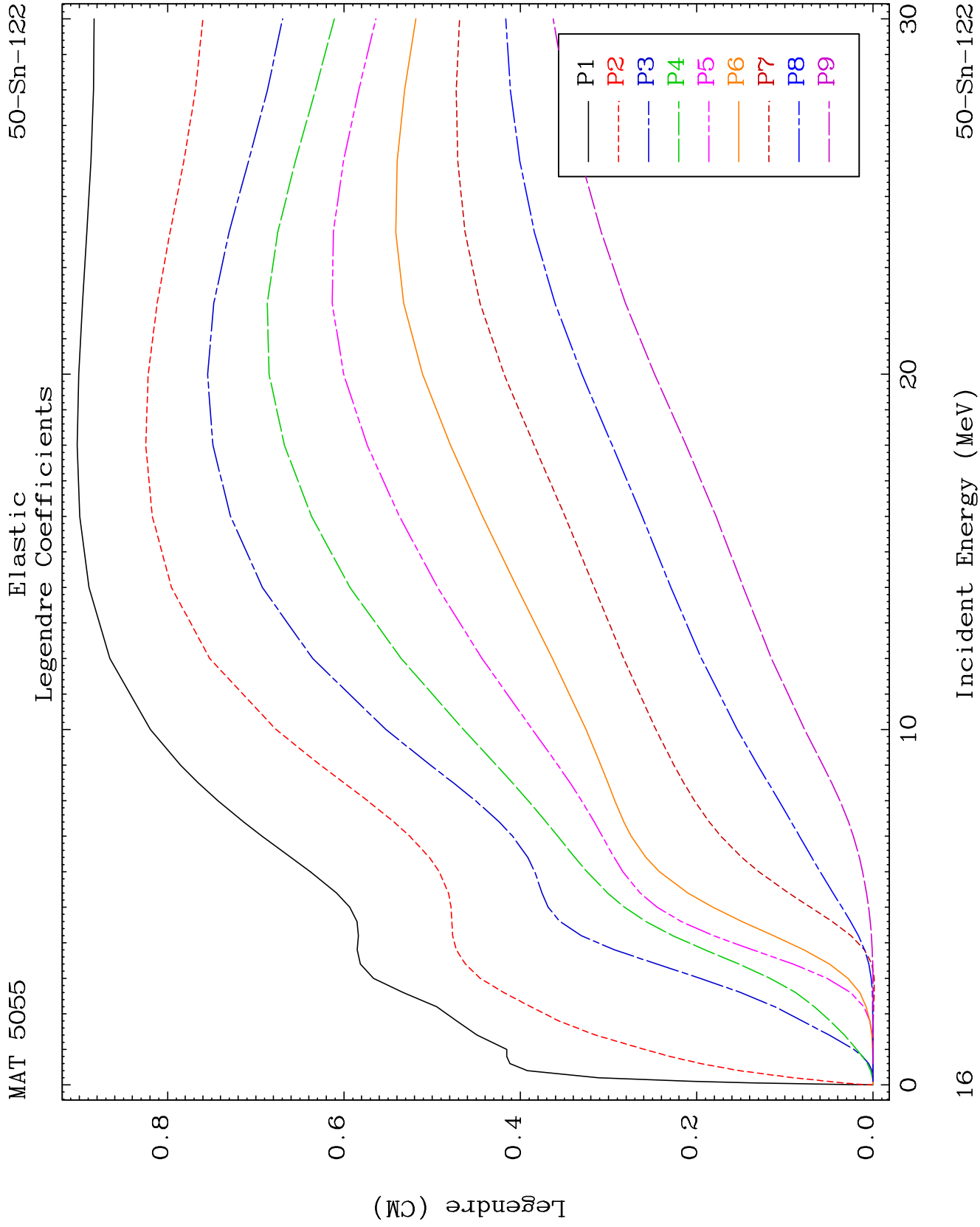
MAT 5055

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-122



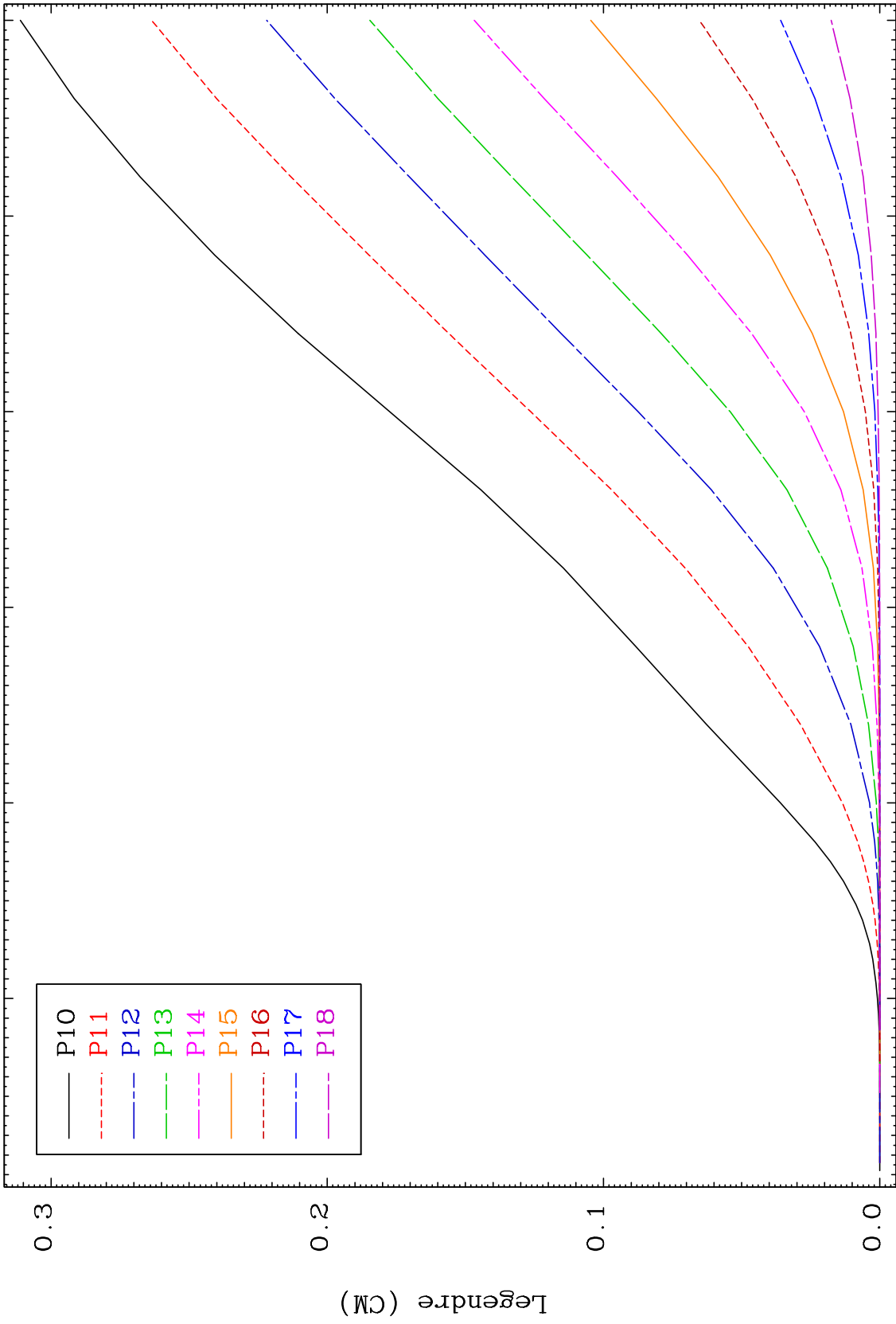




MAT 5055

Elastic Legendre Coefficients

50-Sn-122



17

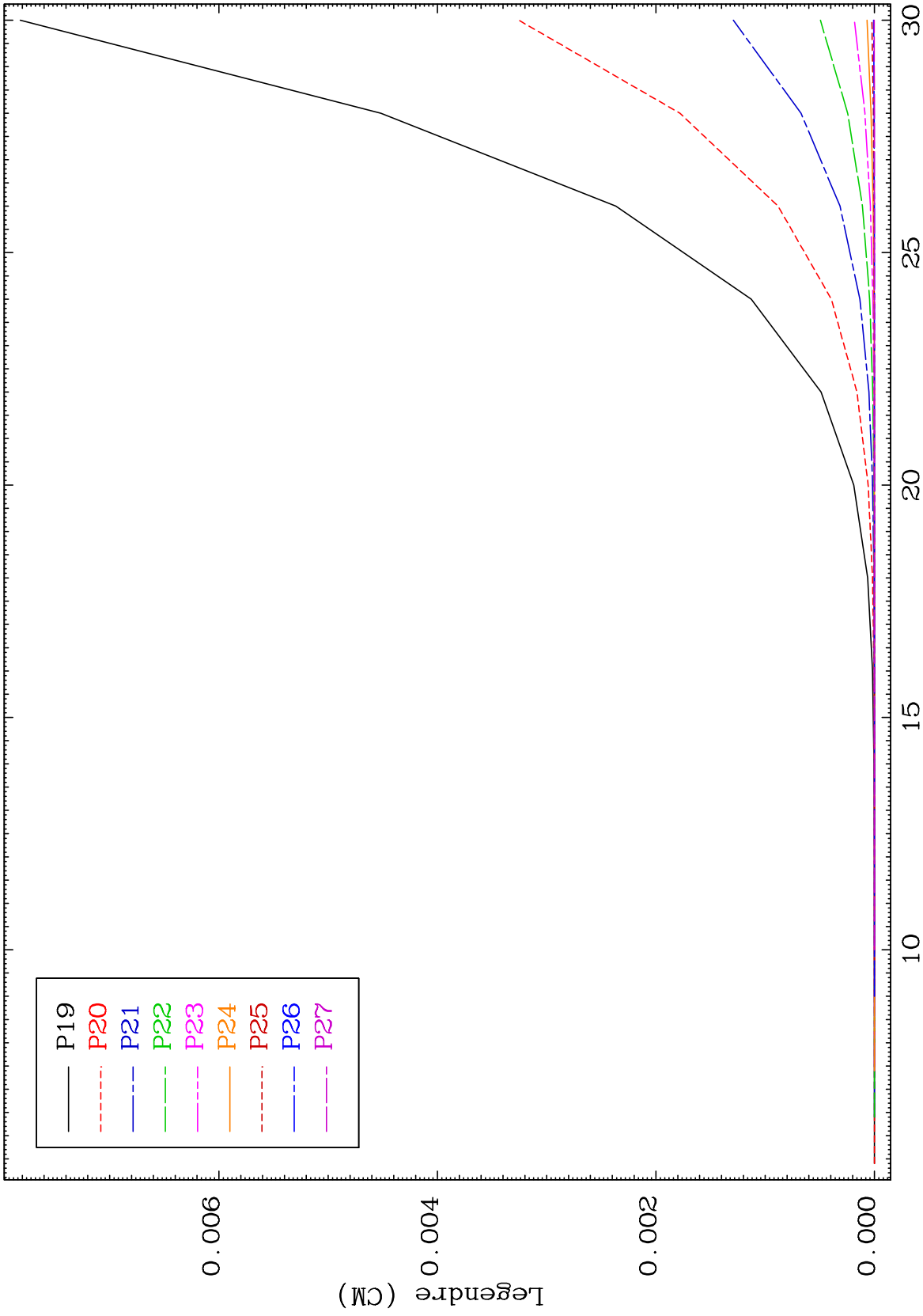
Incident Energy (MeV)

50-Sn-122

MAT 5055

Elastic Legendre Coefficients

50-Sn-122



18

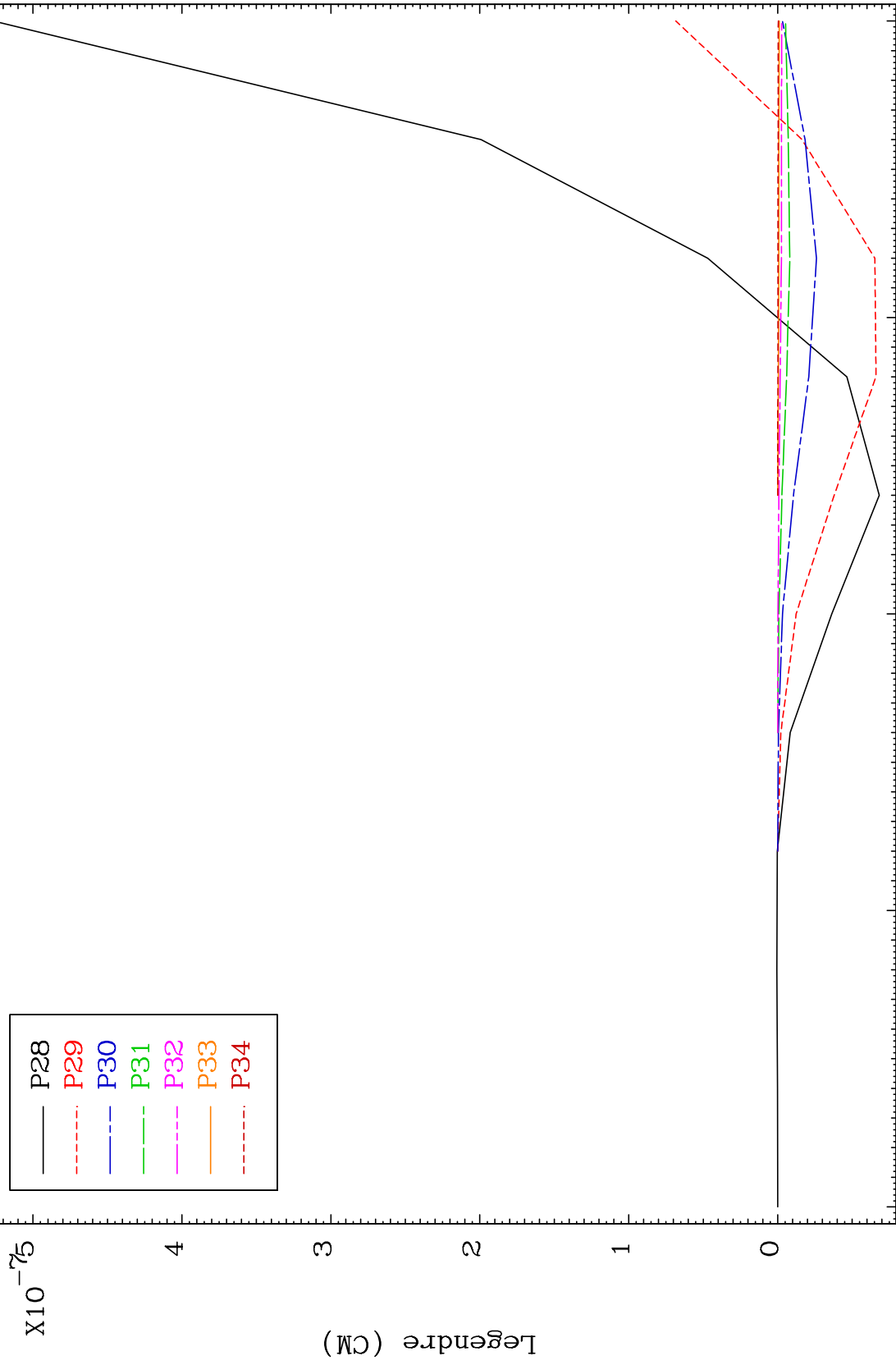
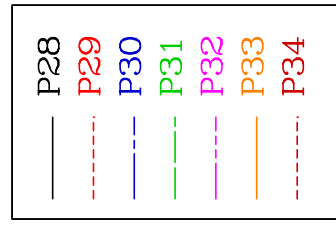
Incident Energy (MeV)

50-Sn-122

MAT 5055

Elastic Legendre Coefficients

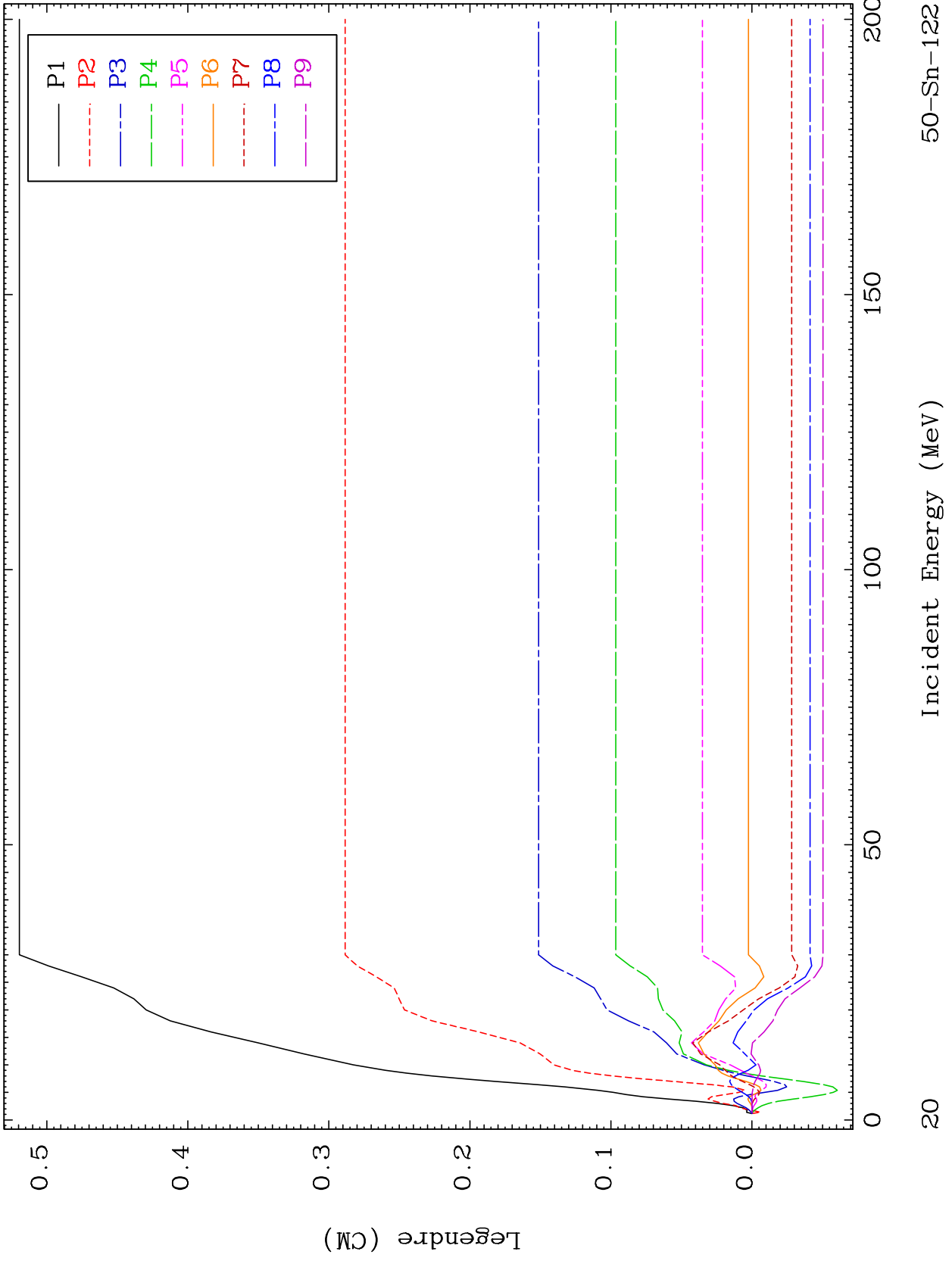
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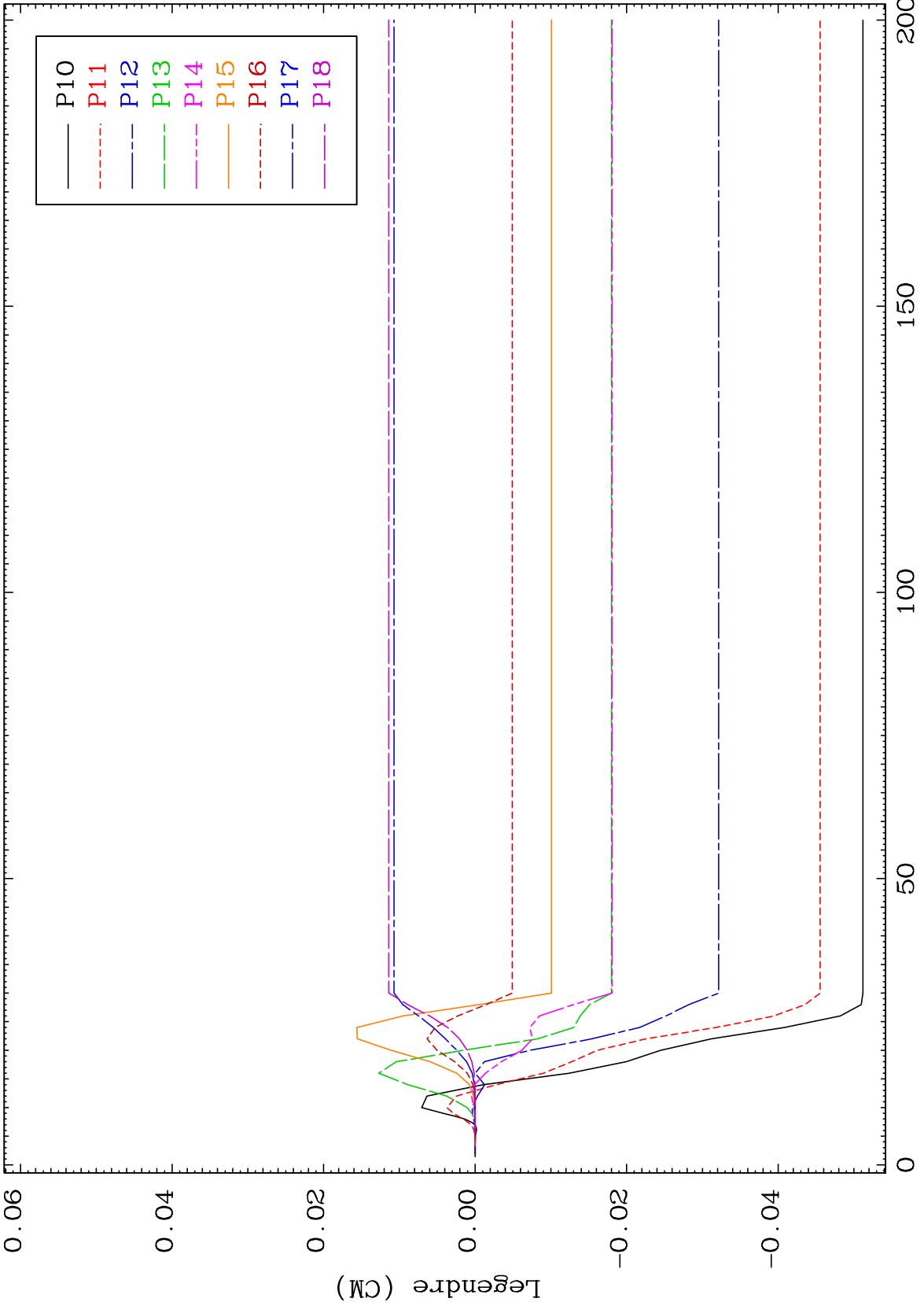
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50-Sn-122

MAT 5055 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-122

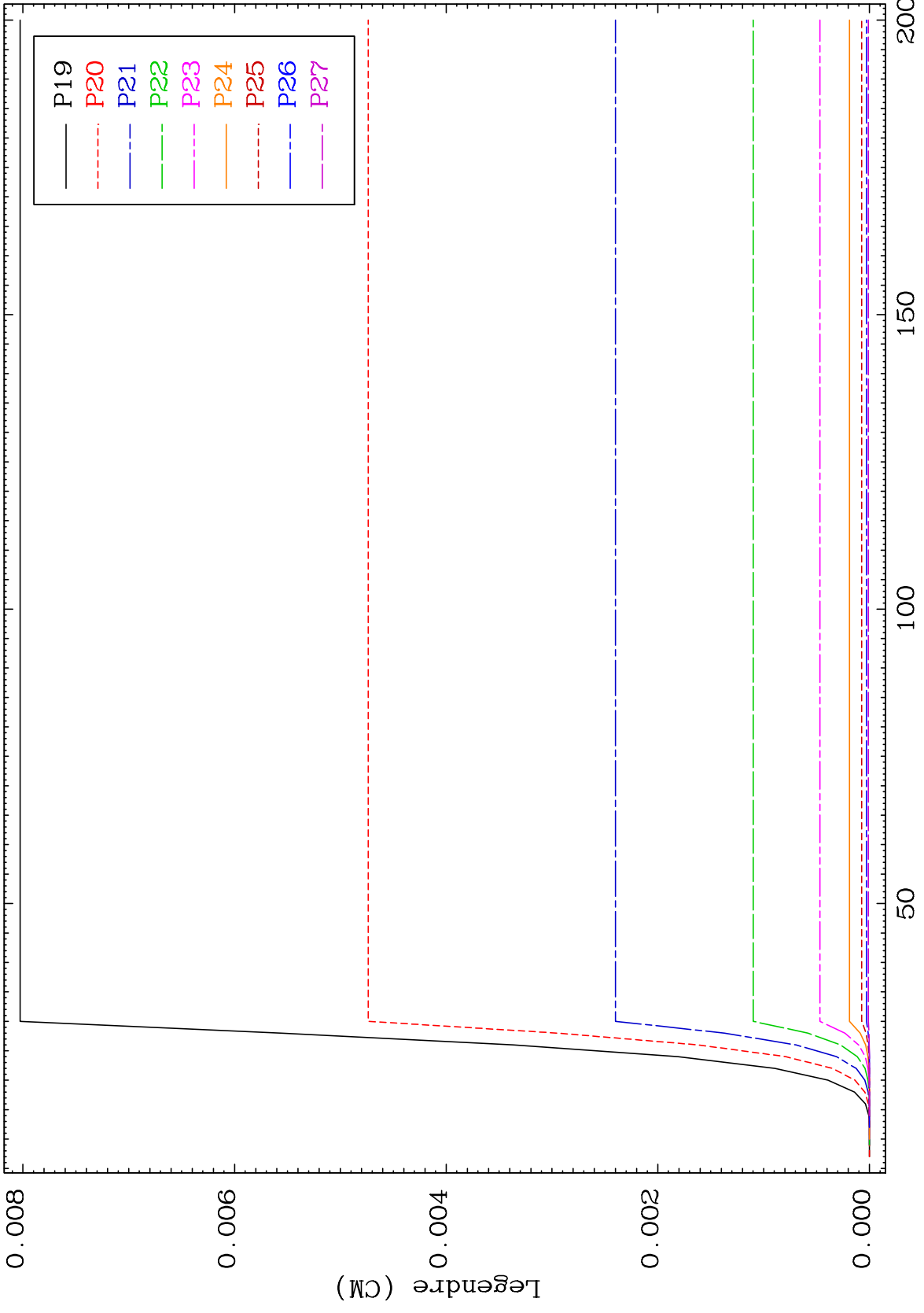


MAT 5055 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-122



21 Incident Energy (MeV) 50-Sn-122

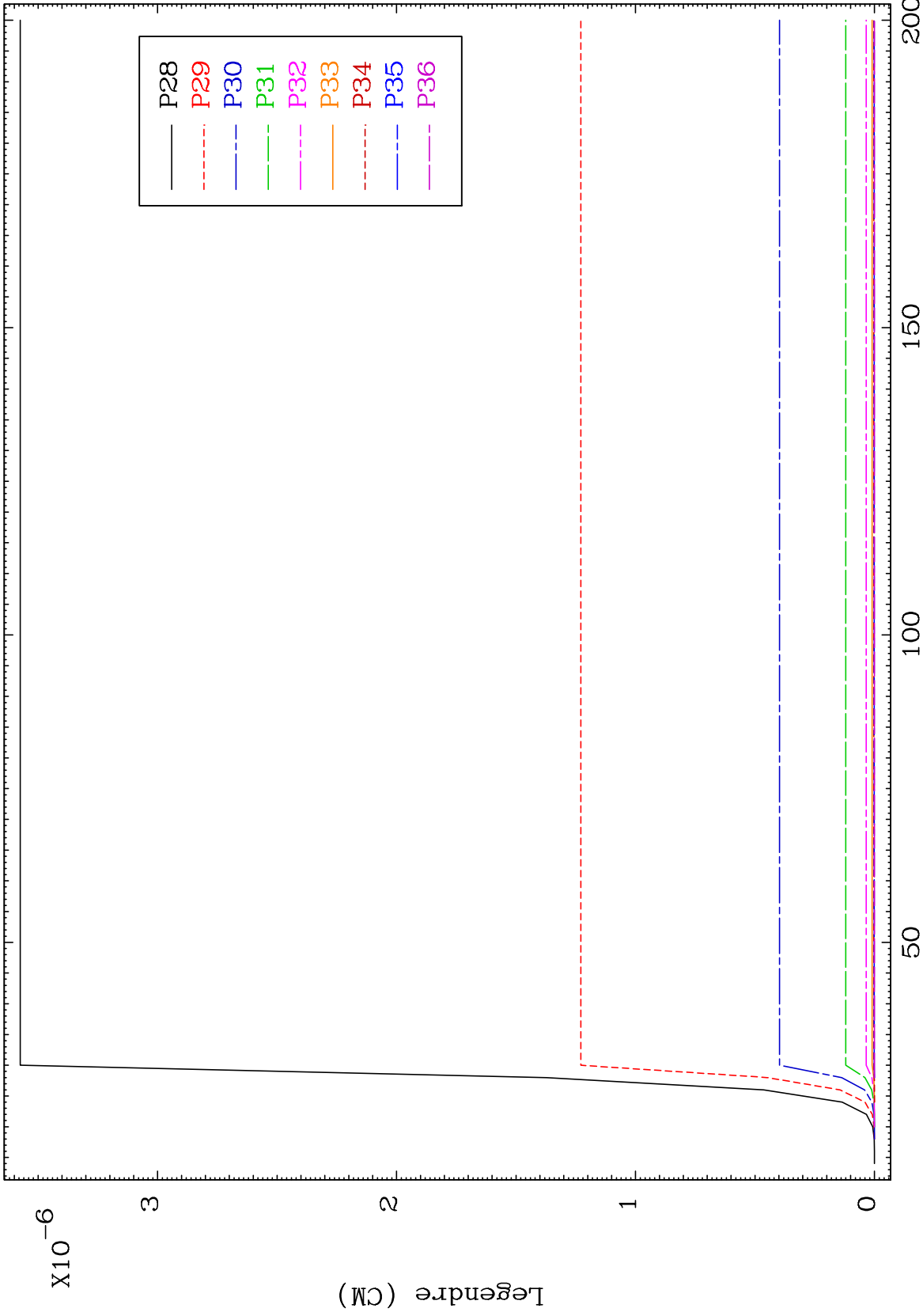
MAT 5055 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055

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

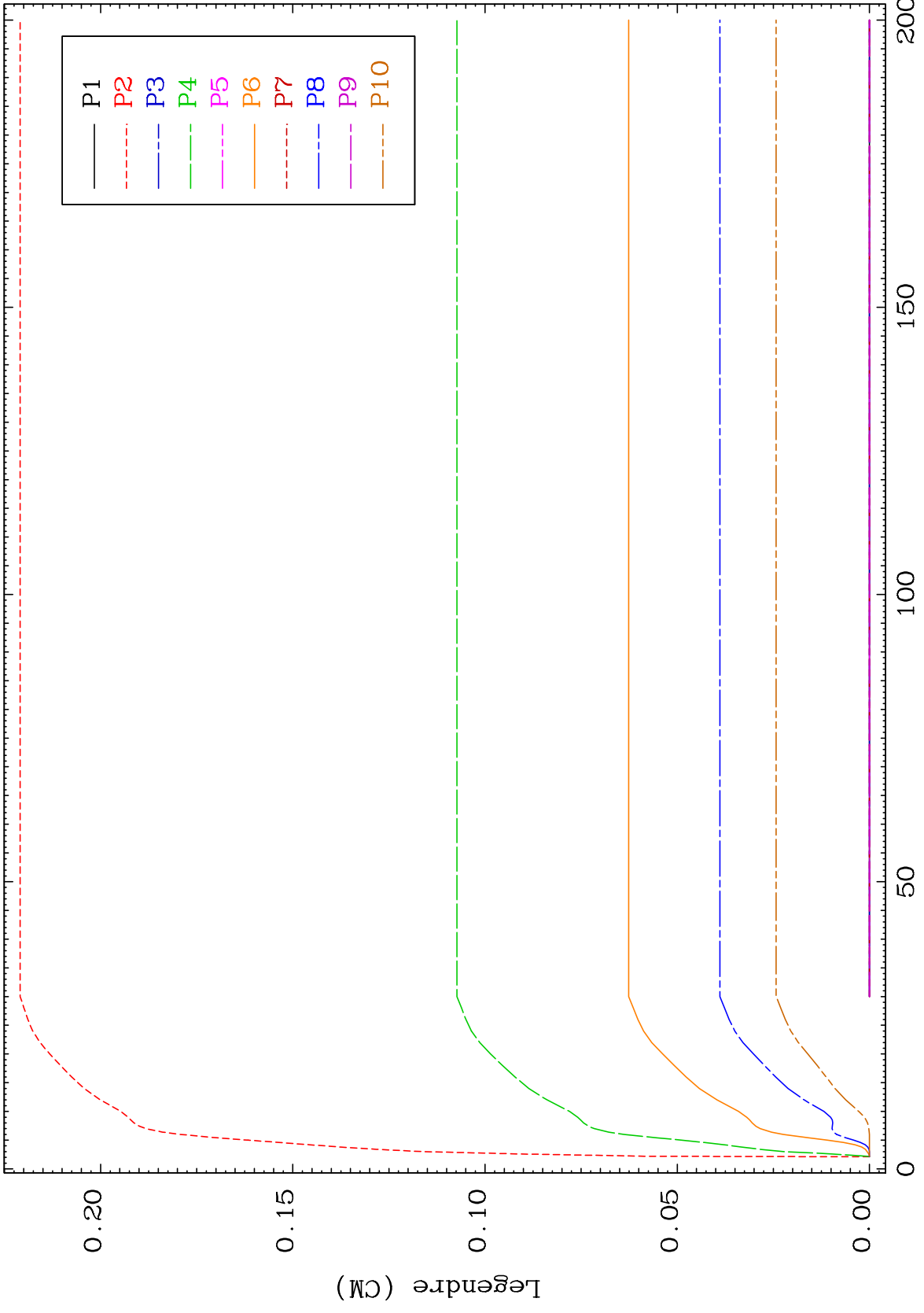
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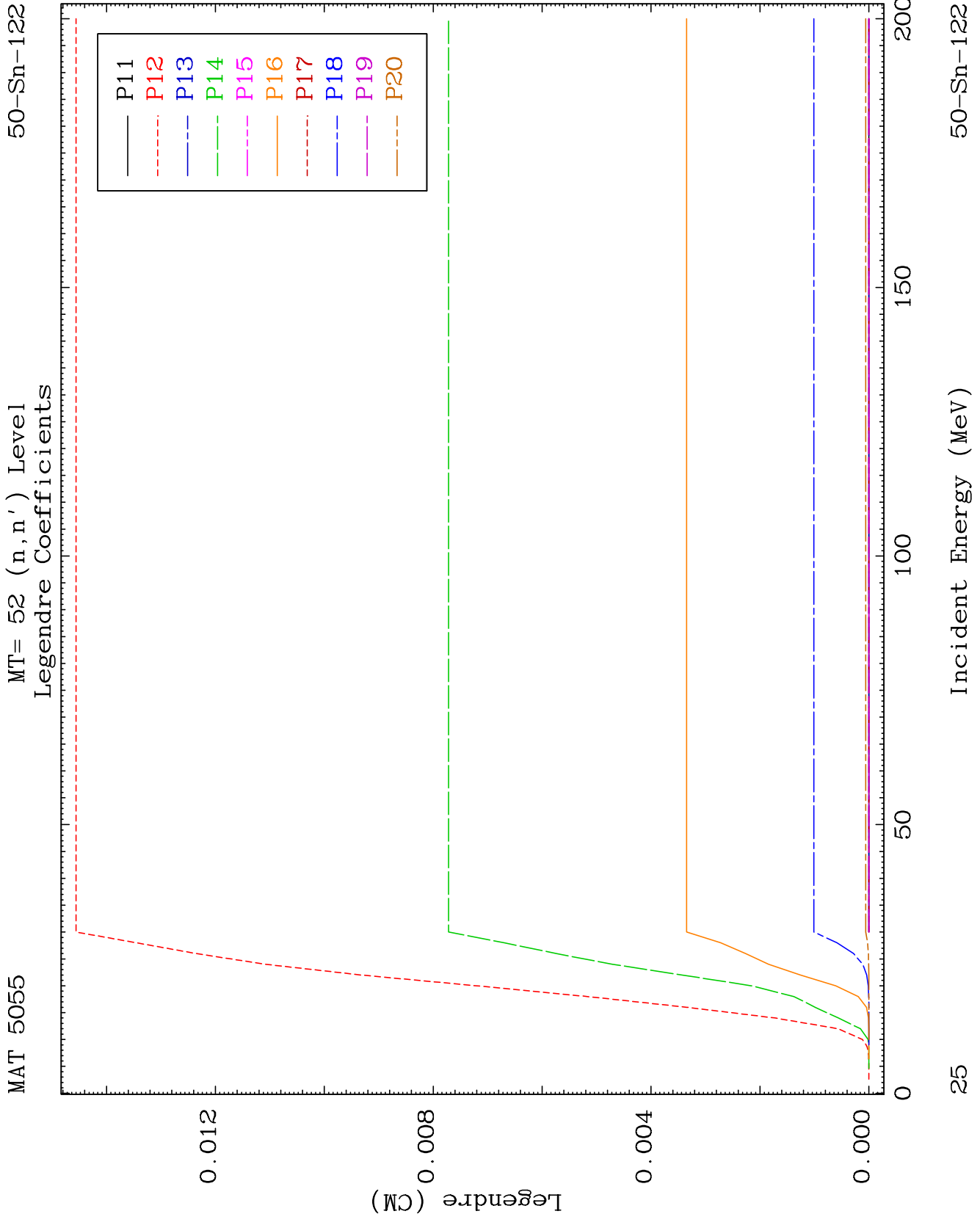
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50-Sn-122

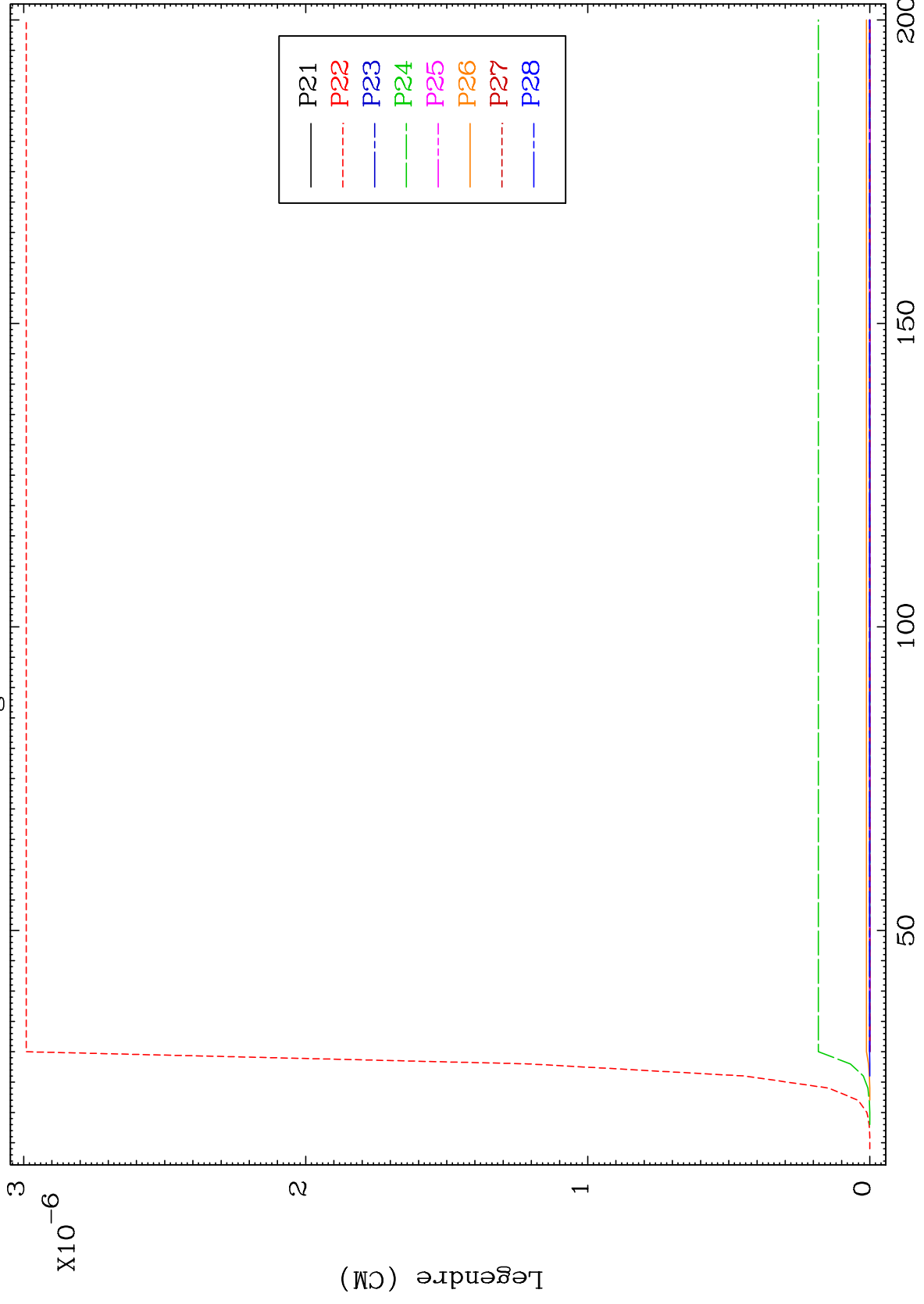
MAT 5055 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-122



24 50-Sn-122



MAT 5055 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-122



26

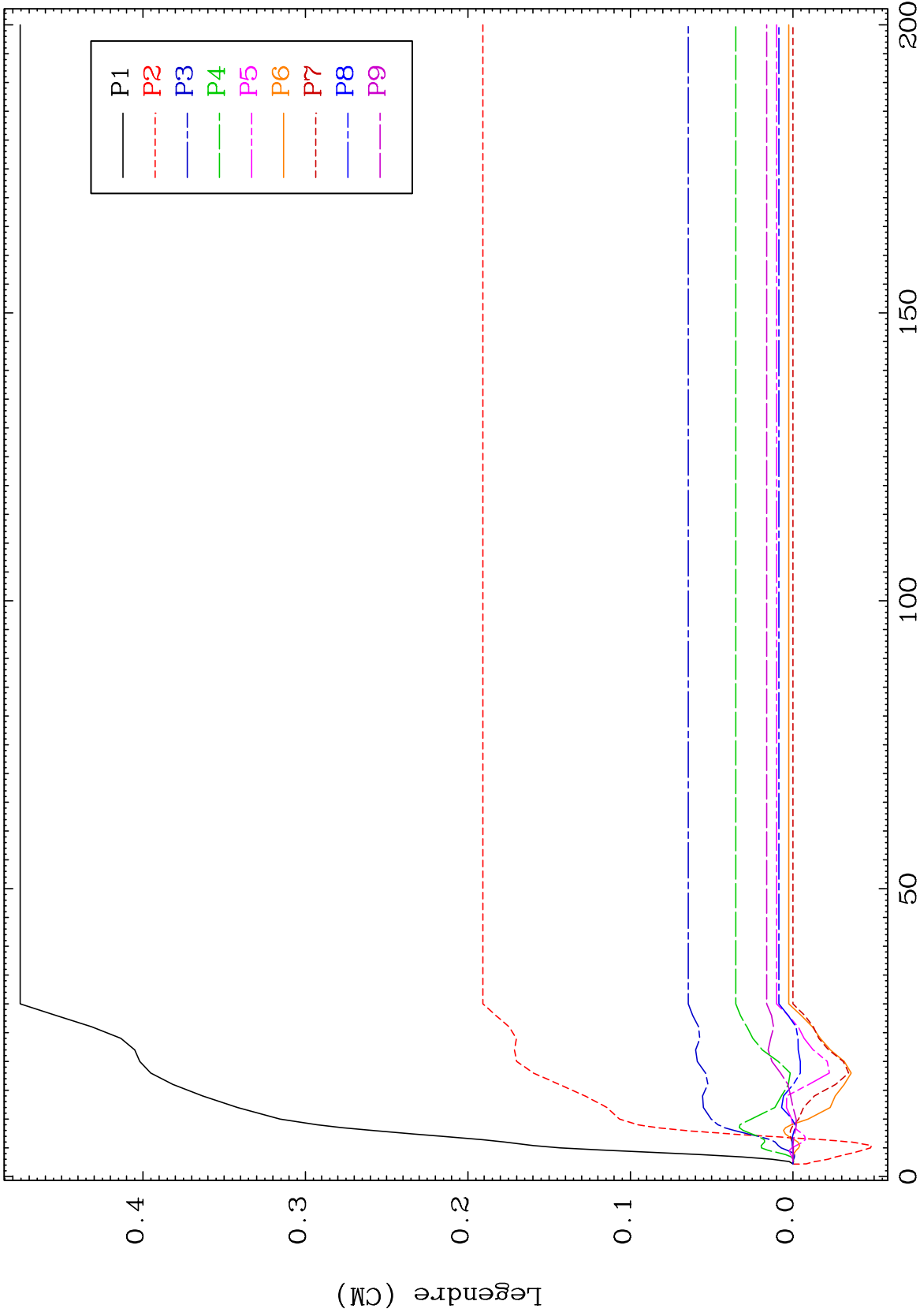
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



27

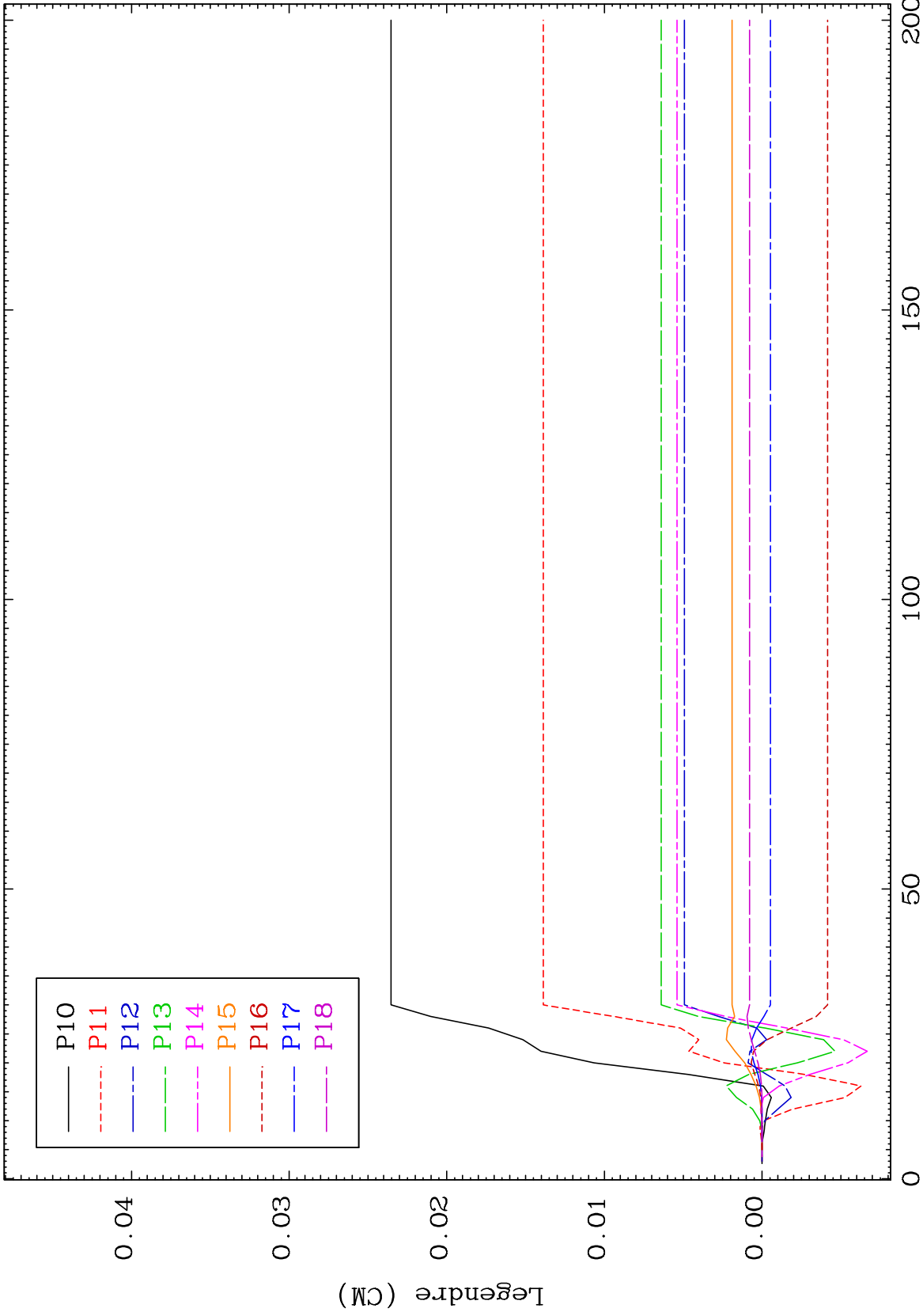
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



28

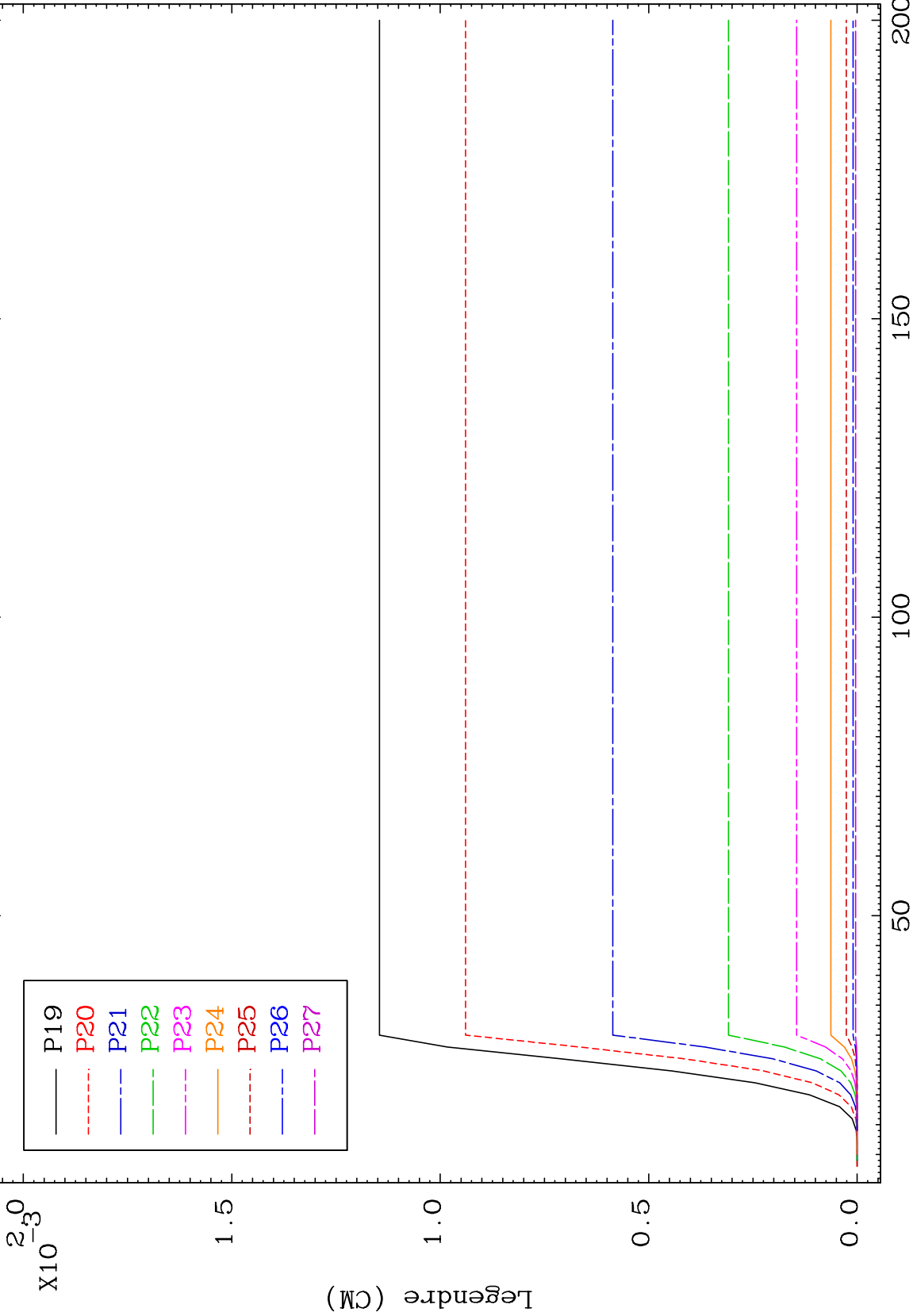
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



29

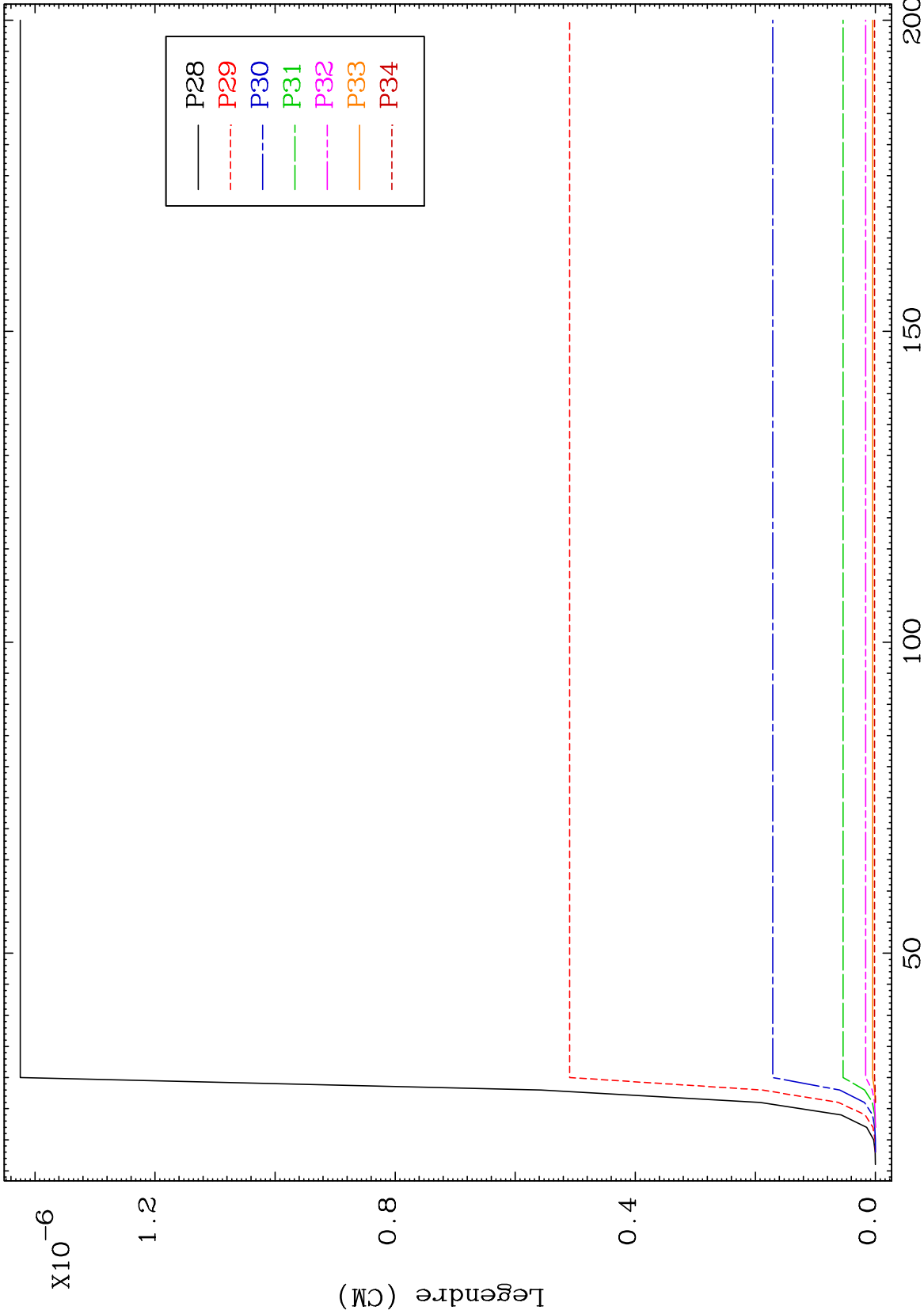
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122

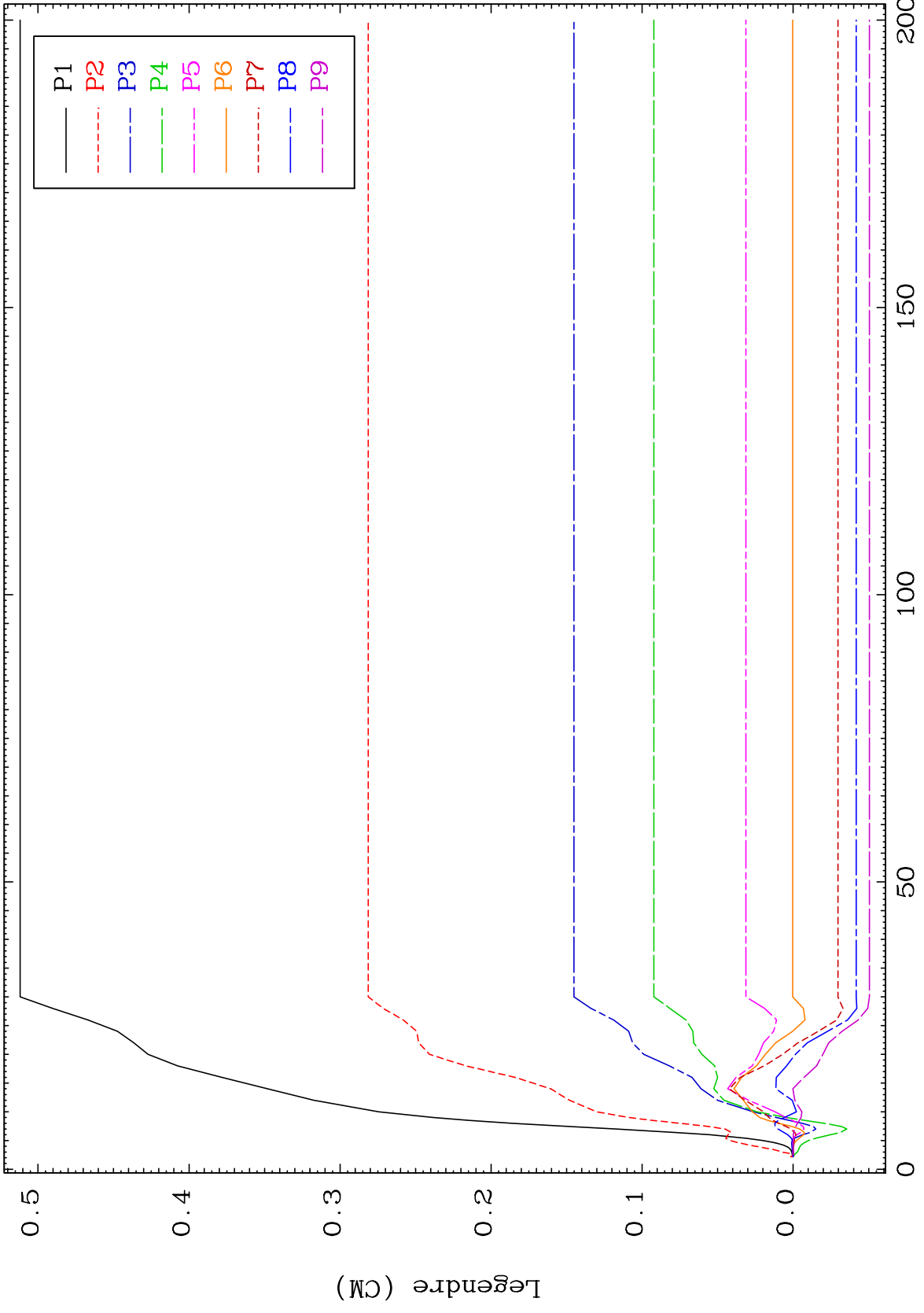


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Incident Energy (MeV)

50-Sn-122

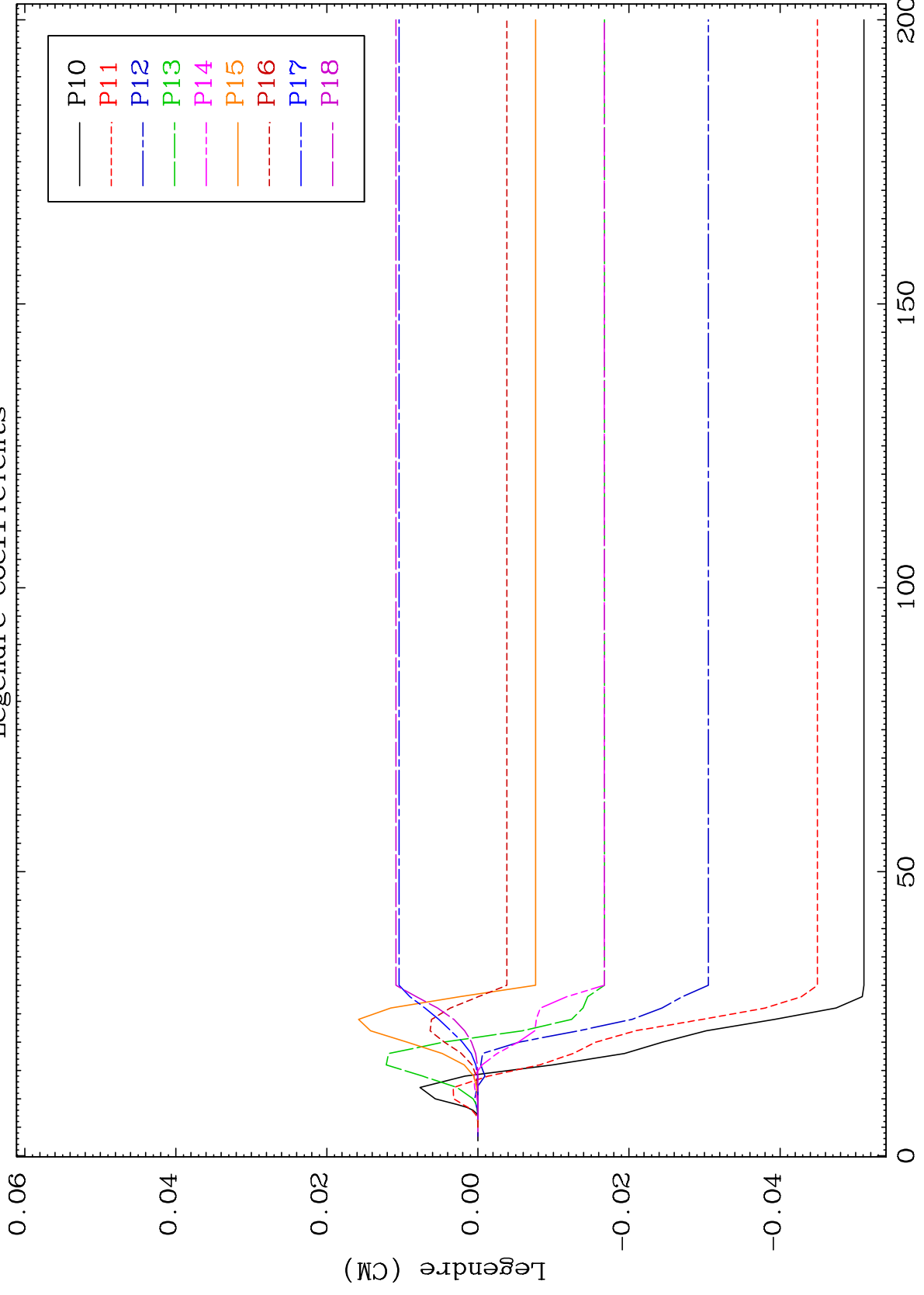
MAT 5055 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055 MT= 54 (n,n') Level Legendre Coefficients

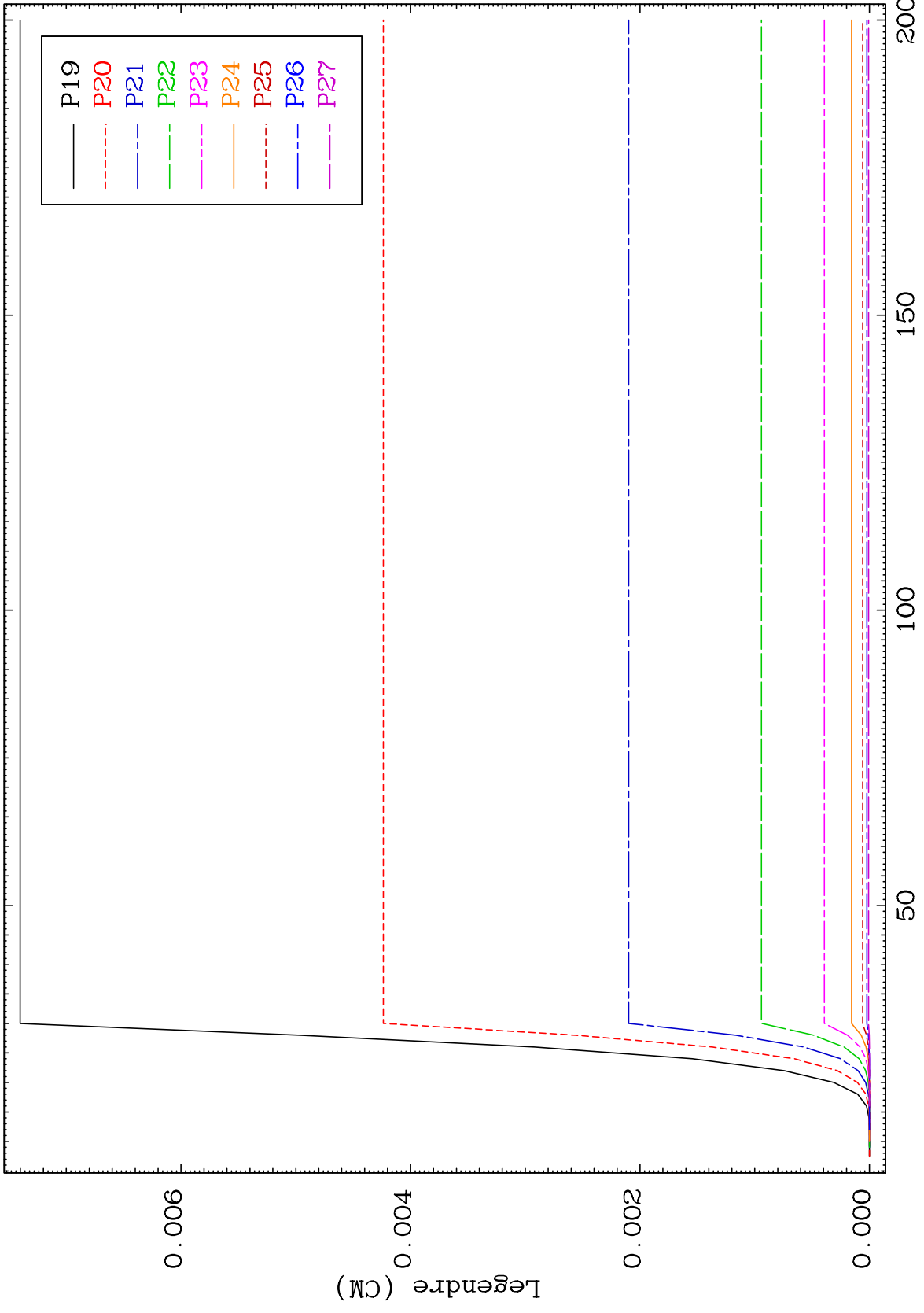
50-Sn-122

50-Sn-122

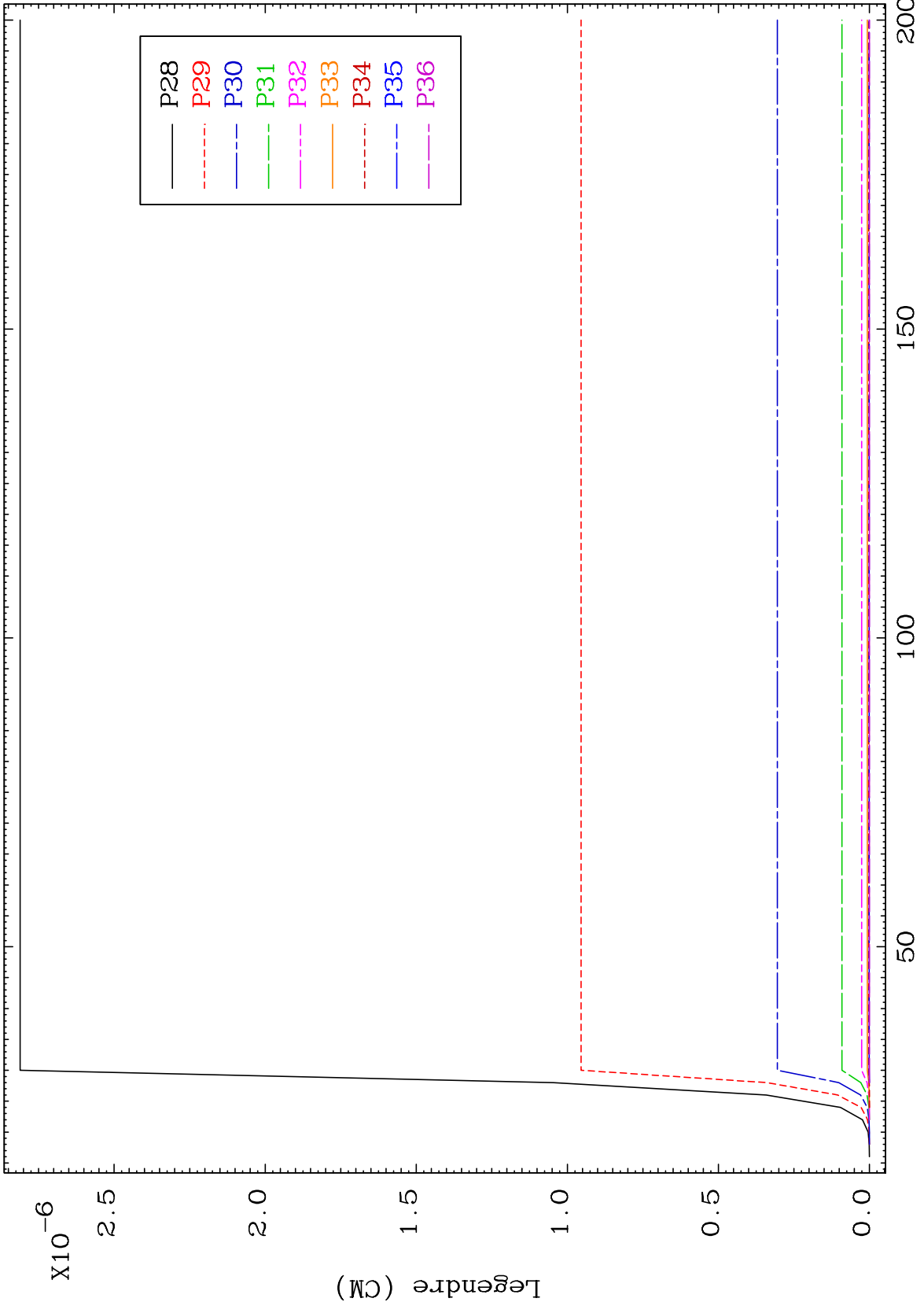


32

MAT 5055 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-122

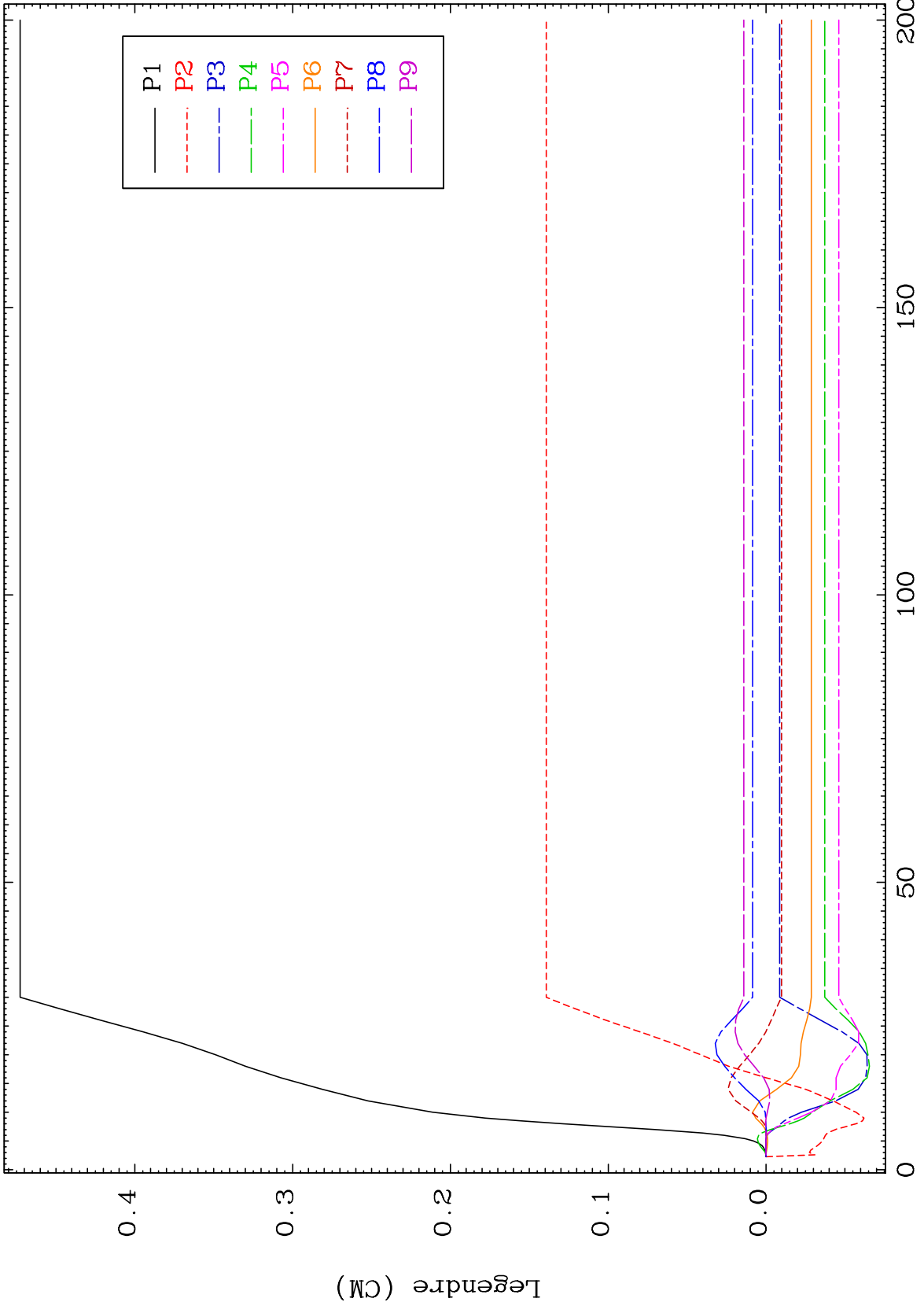


MAT 5055 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-122



34 50-Sn-122

MAT 5055 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-122

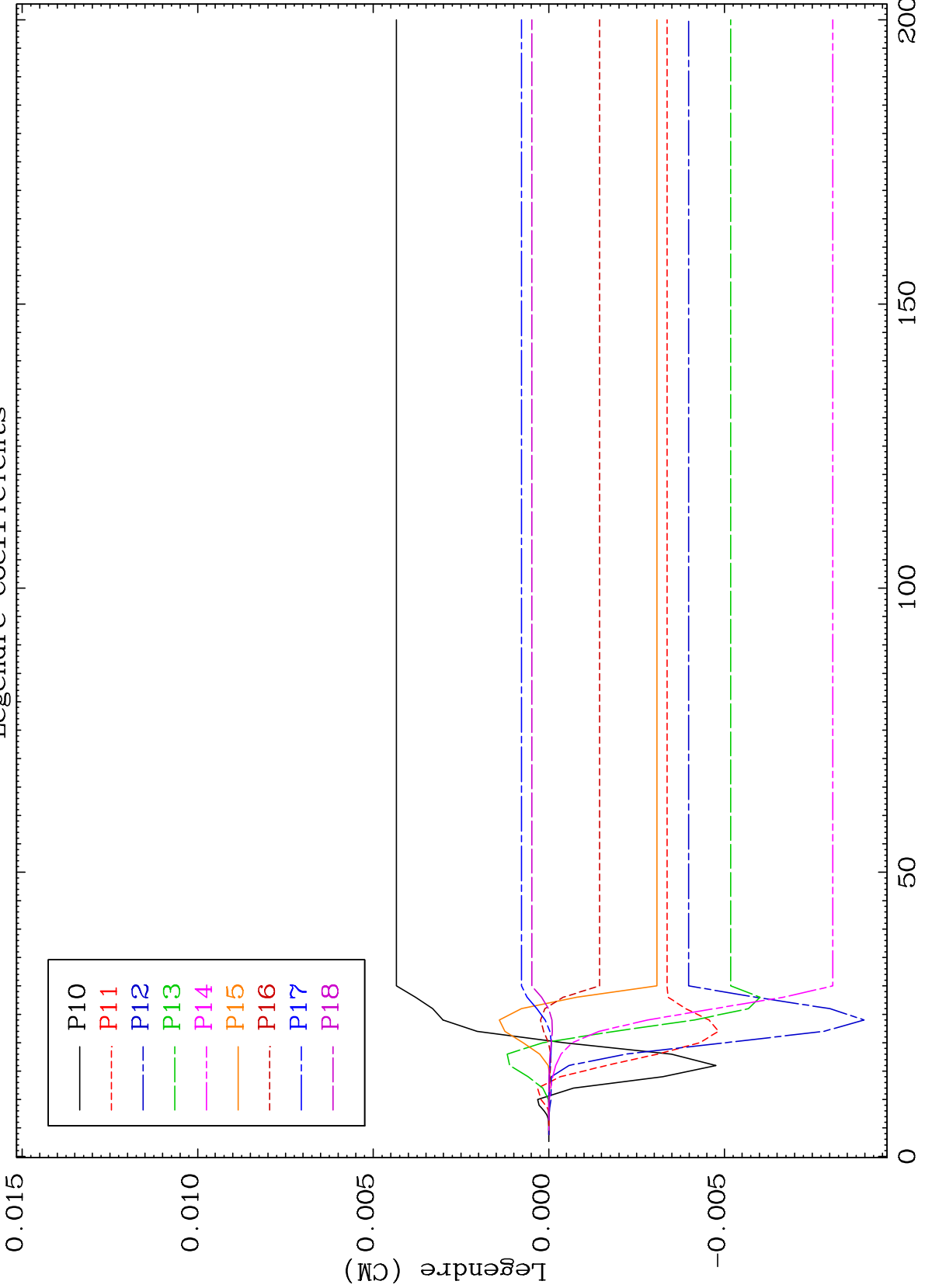


35 Incident Energy (MeV) 50-Sn-122

MAT 5055 MT= 55 (n,n') Level Legendre Coefficients

50-Sn-122

36



50-Sn-122

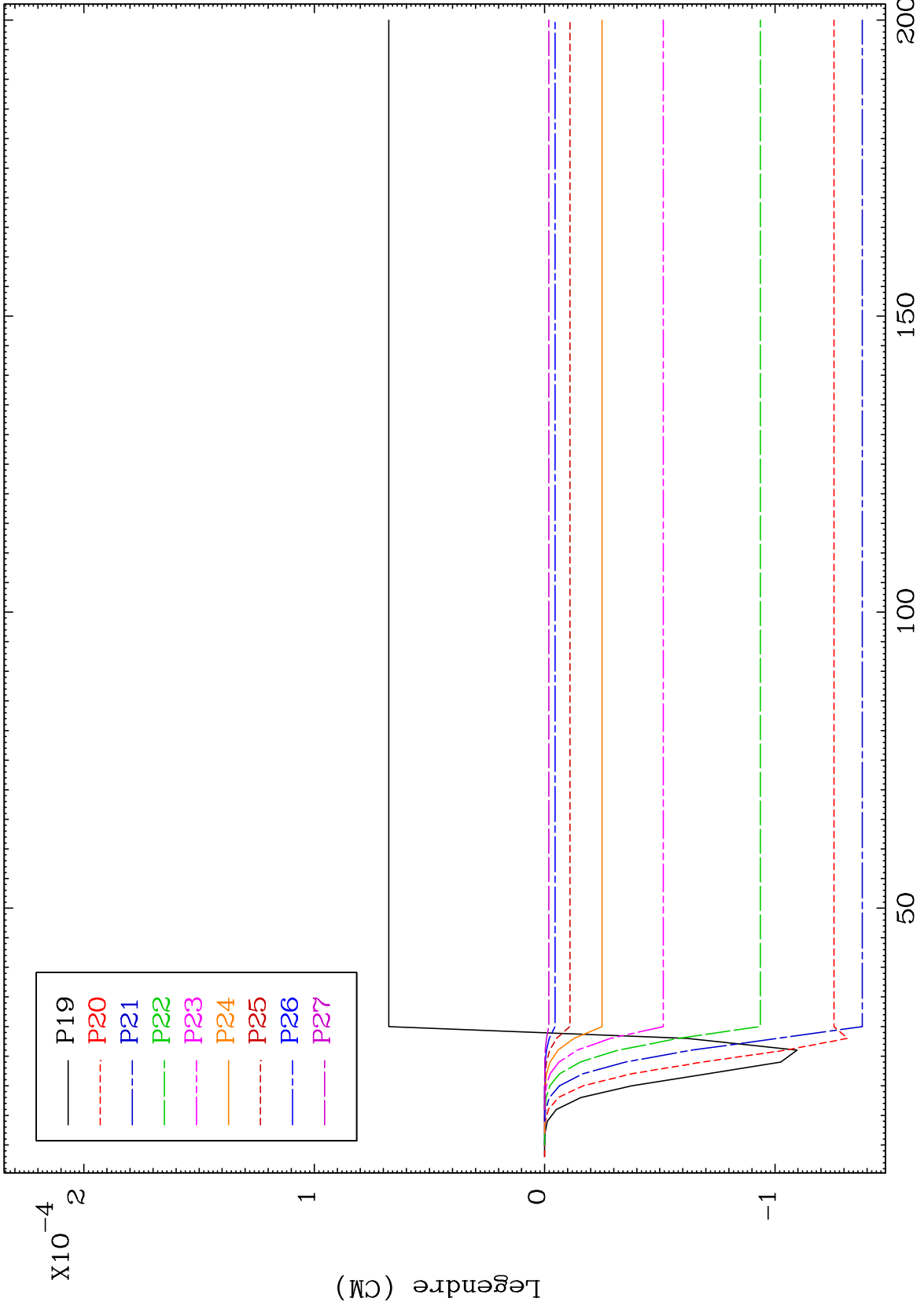
Incident Energy (MeV)

36

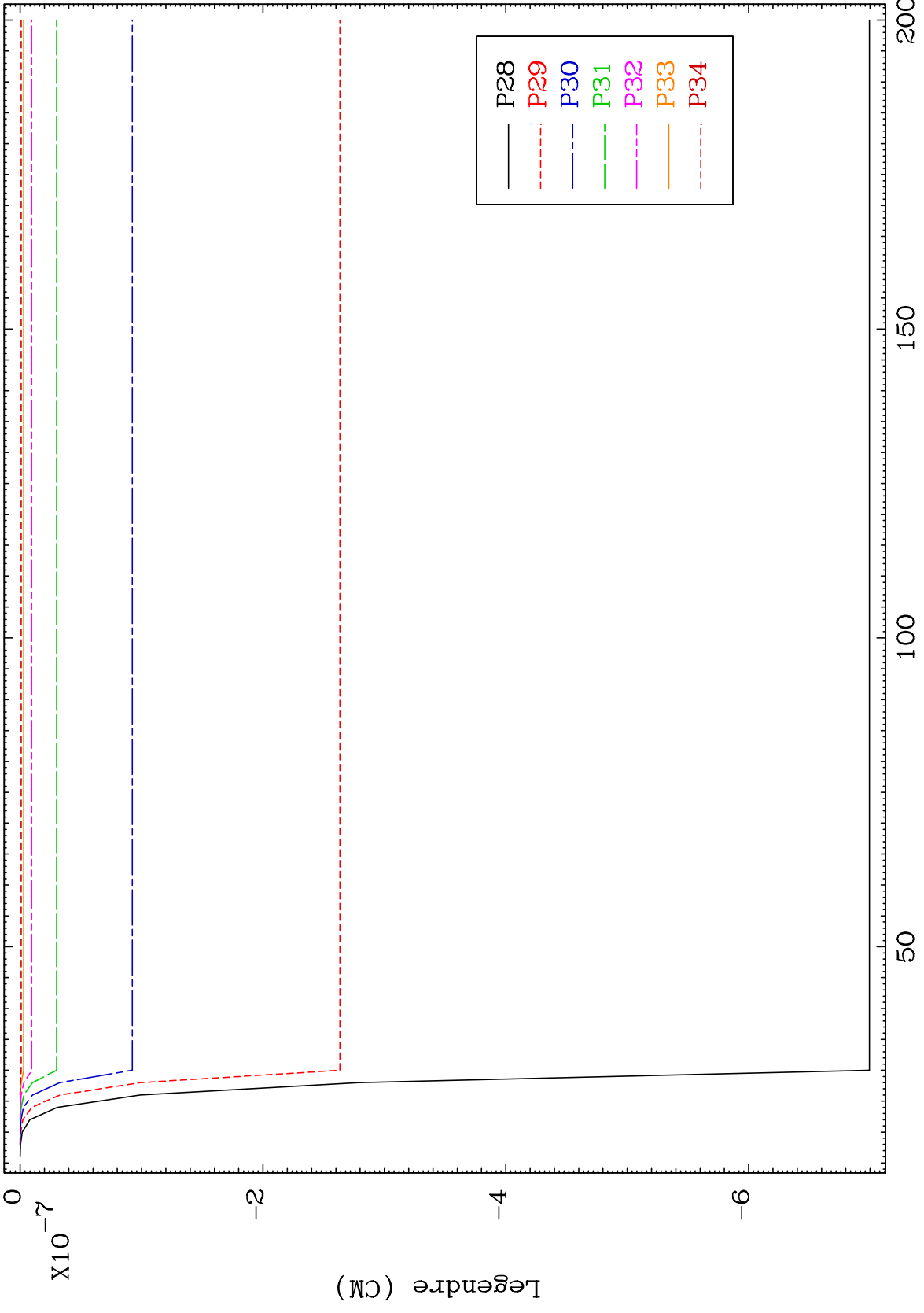
MAT 5055

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

50-Sn-122

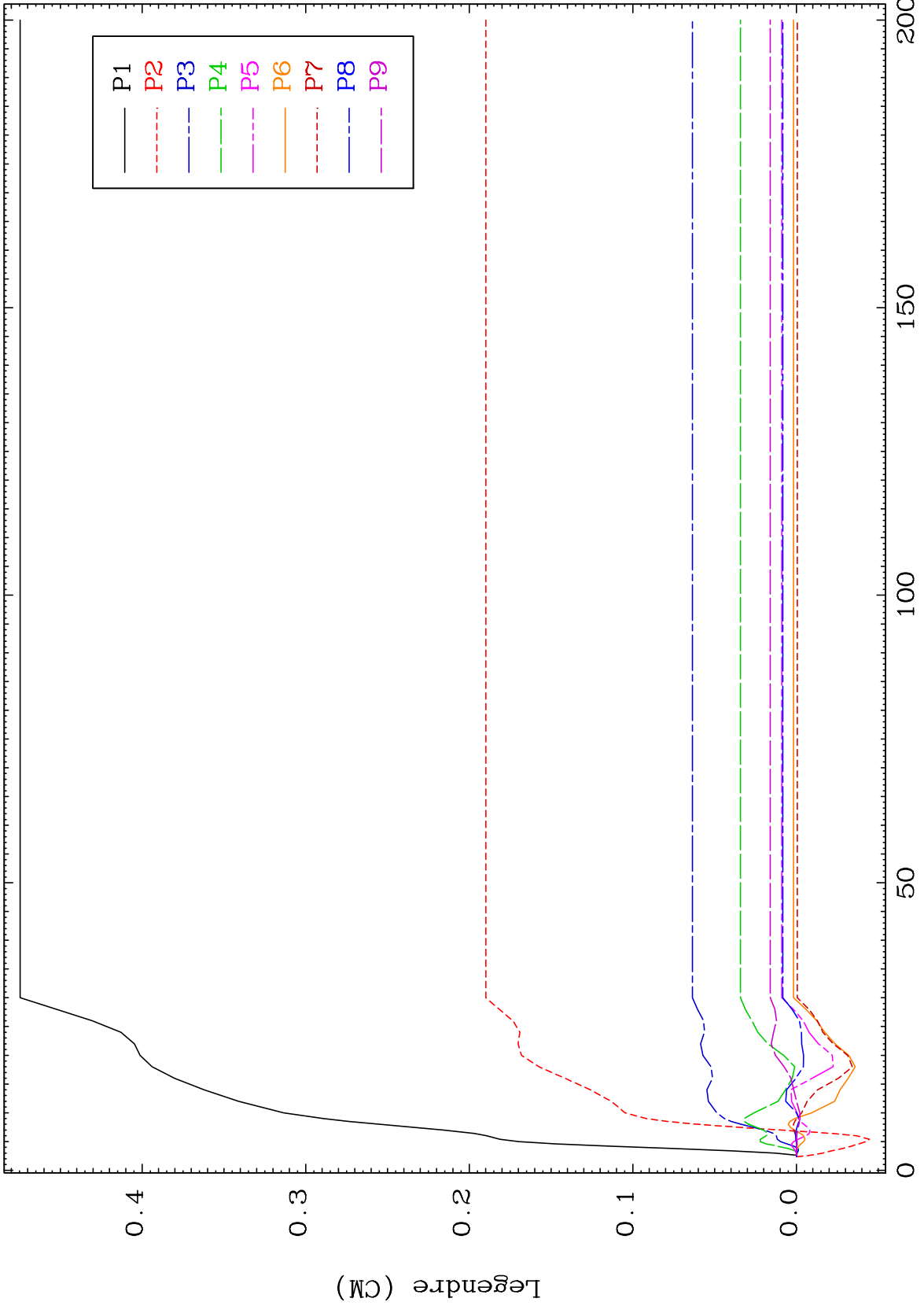


MAT 5055 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-122



38 50-Sn-122

MAT 5055 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-122

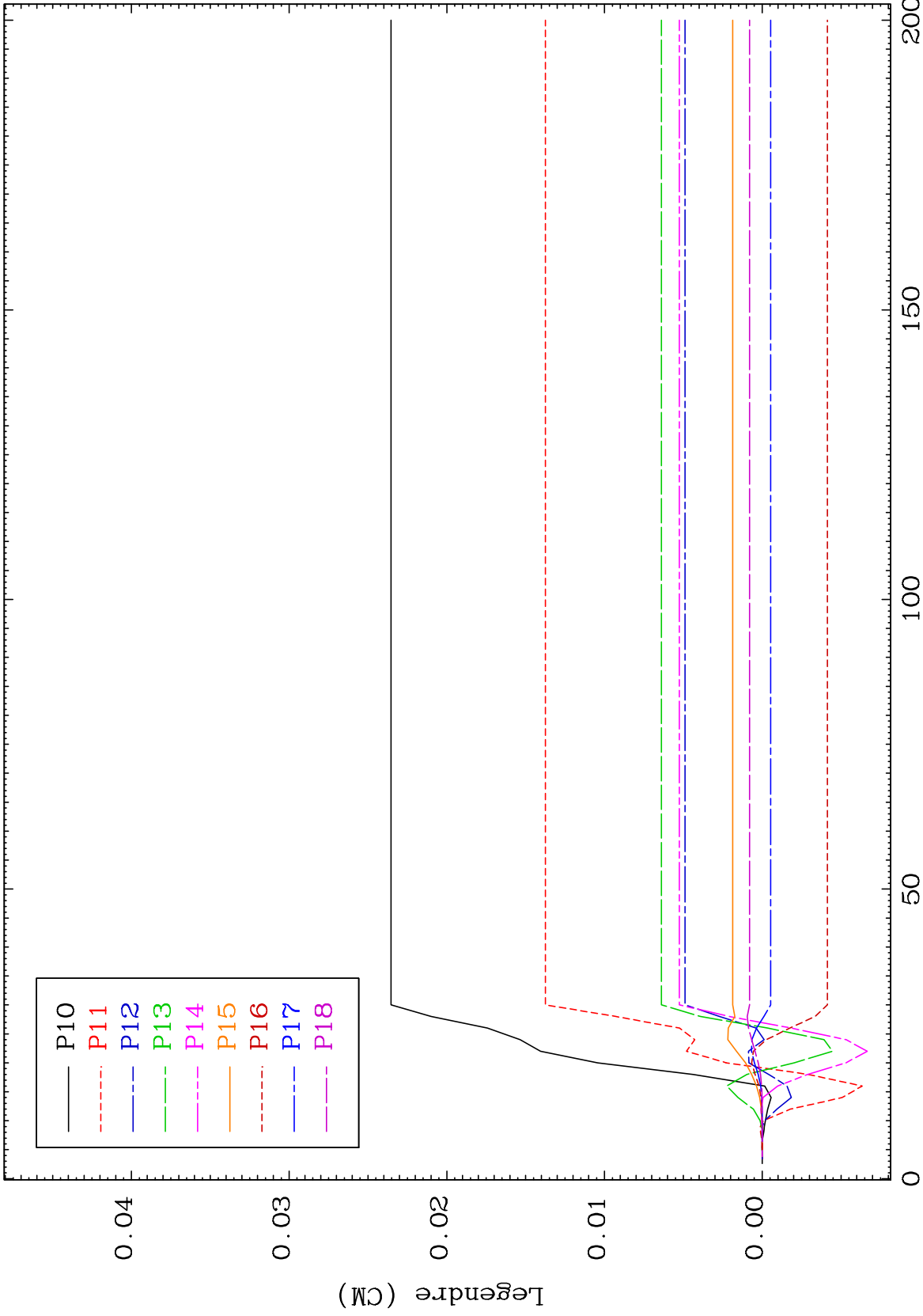


39 50-Sn-122

MAT 5055

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

50-Sn-122



40

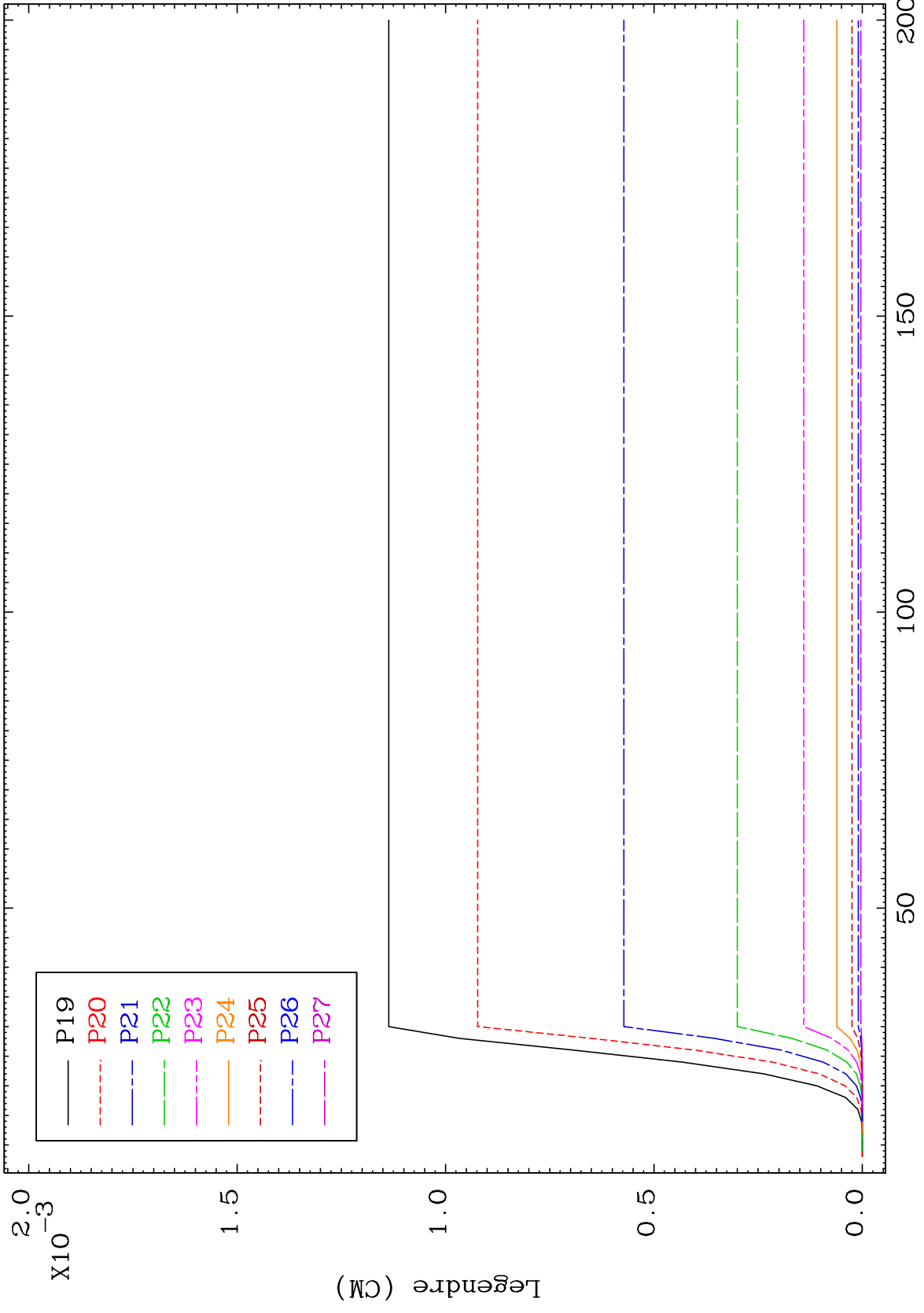
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

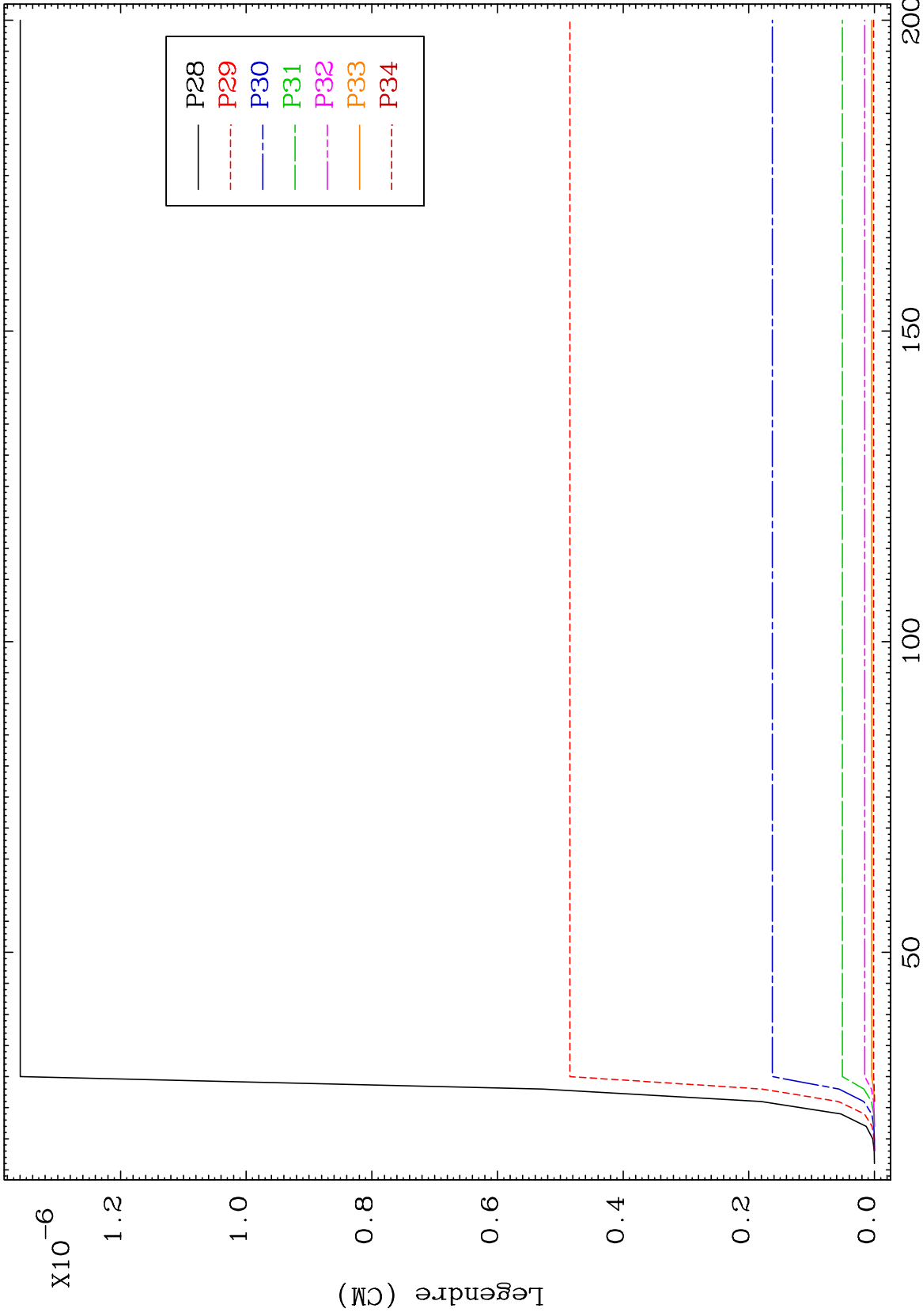
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MAT 5055

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

50-Sn-122



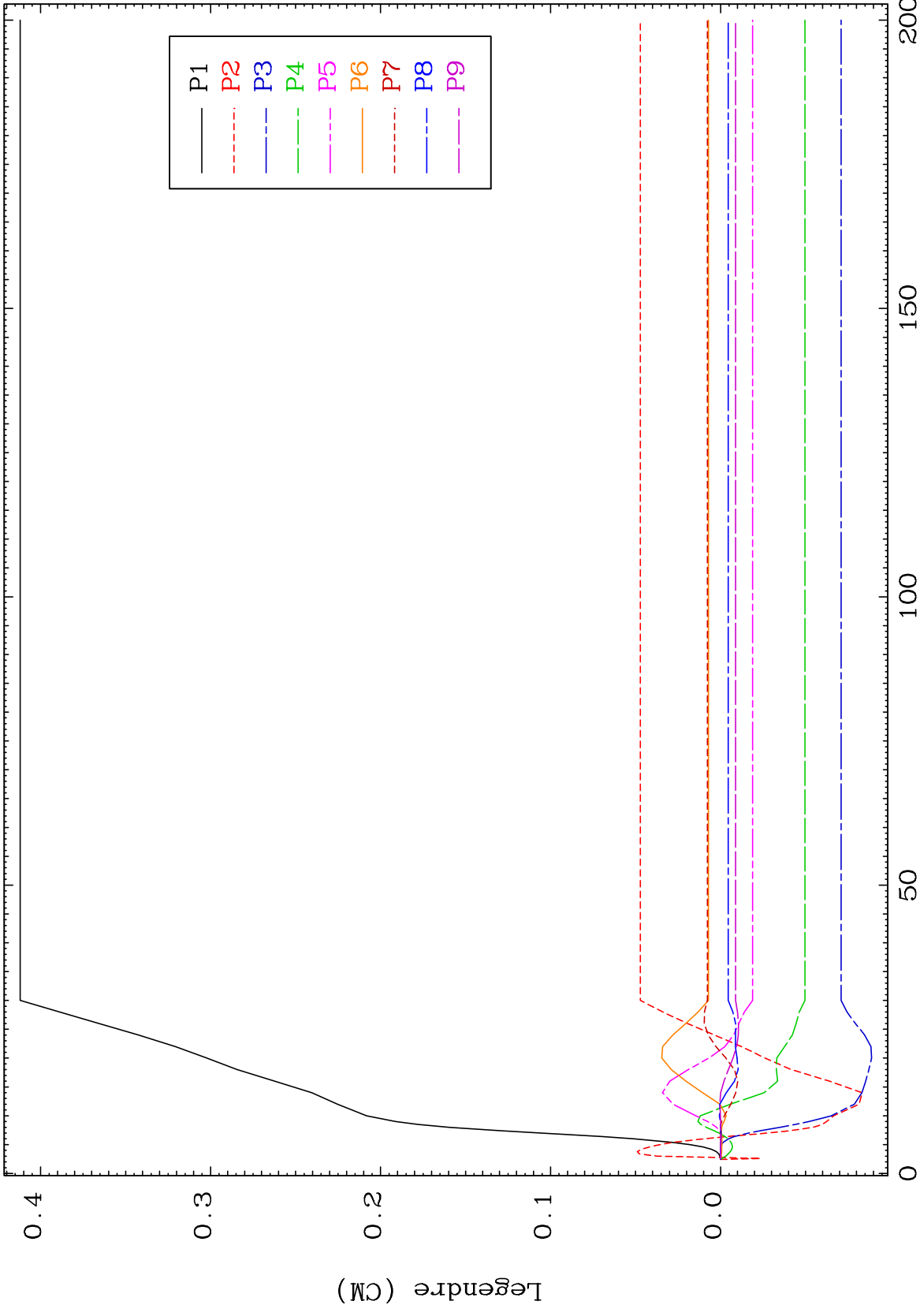
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Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 57 (n,n') Level Legendre Coefficients

50-Sn-122



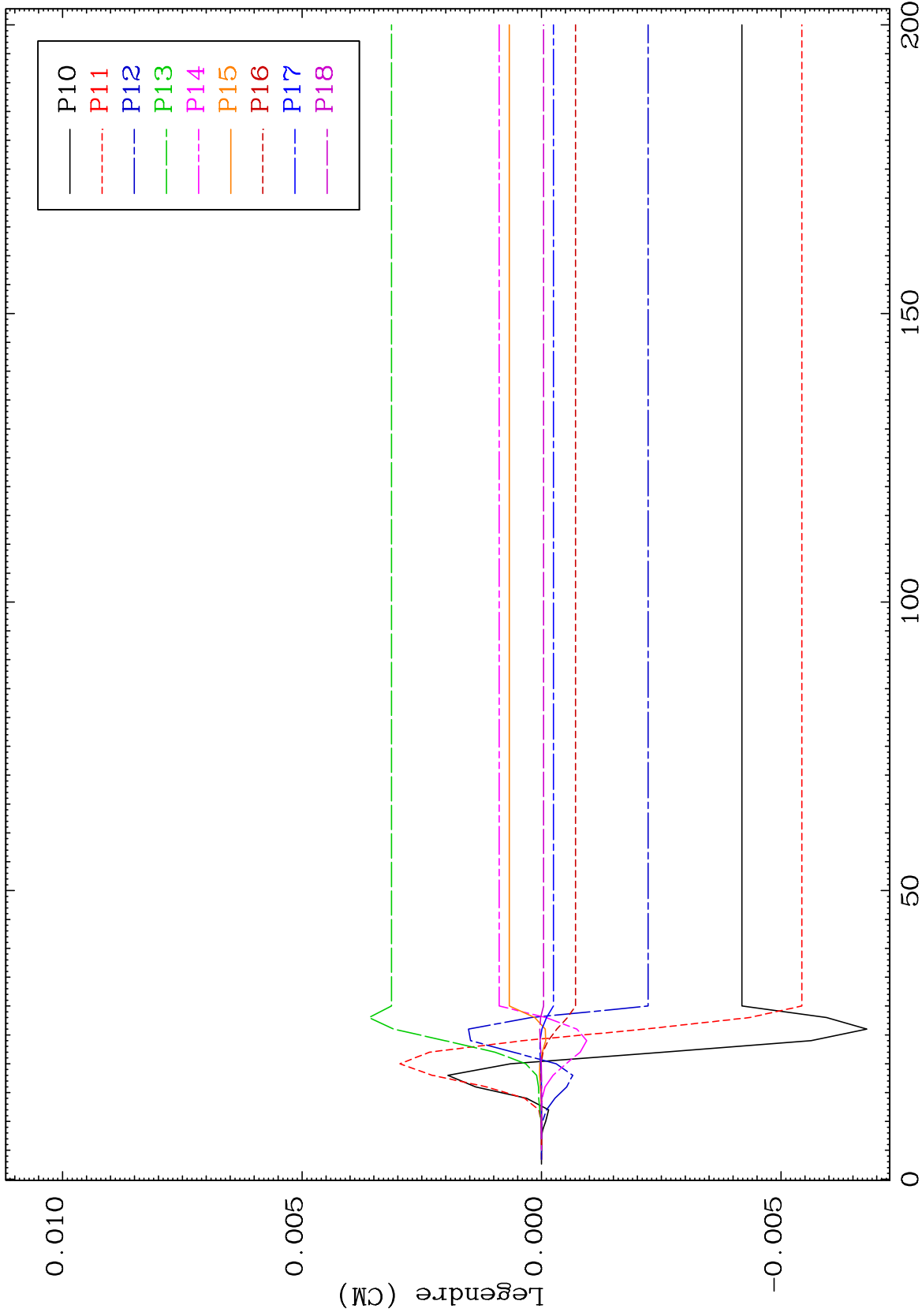
50-Sn-122

Incident Energy (MeV)

MAT 5055

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

50-Sn-122



44

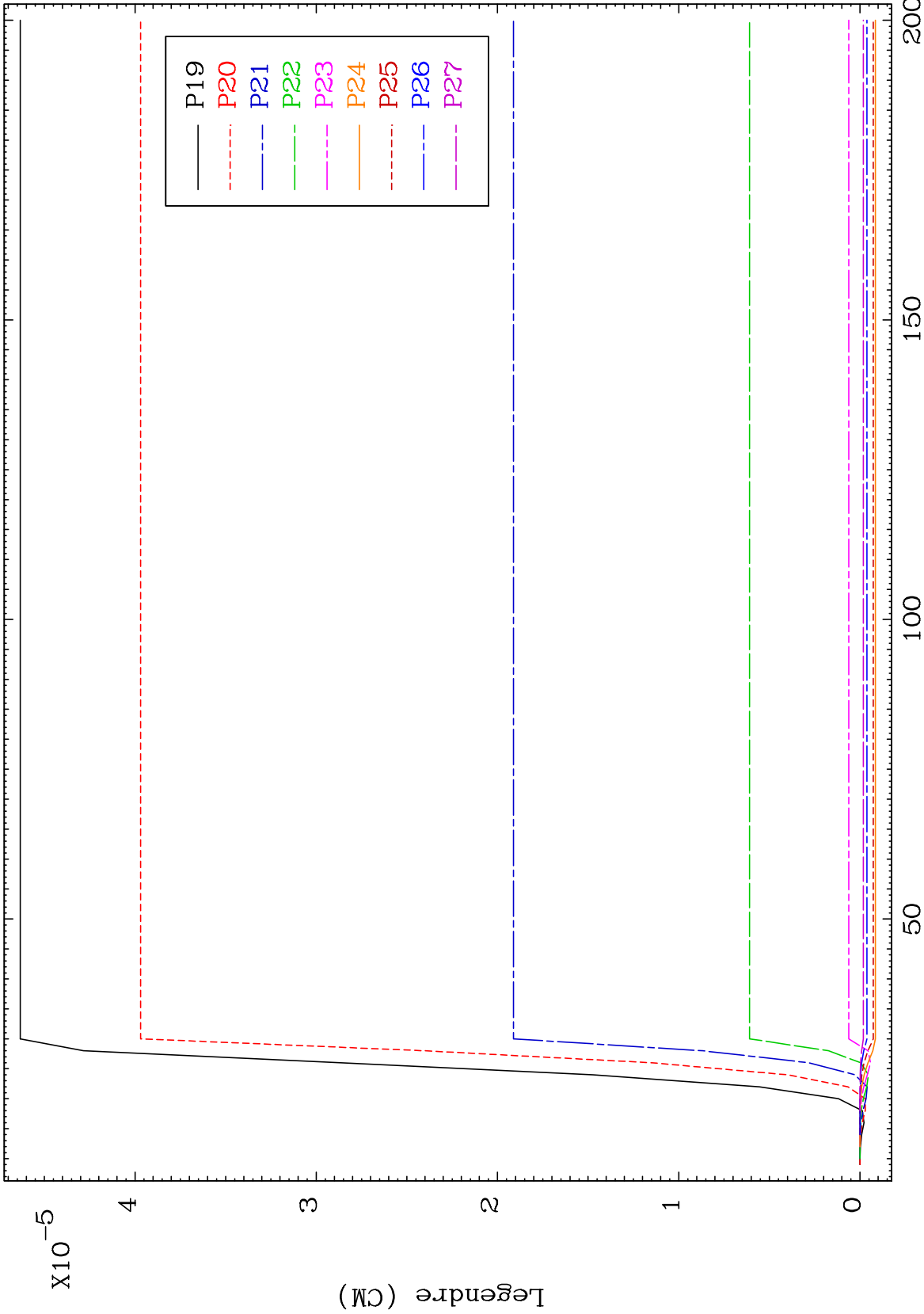
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



45

50

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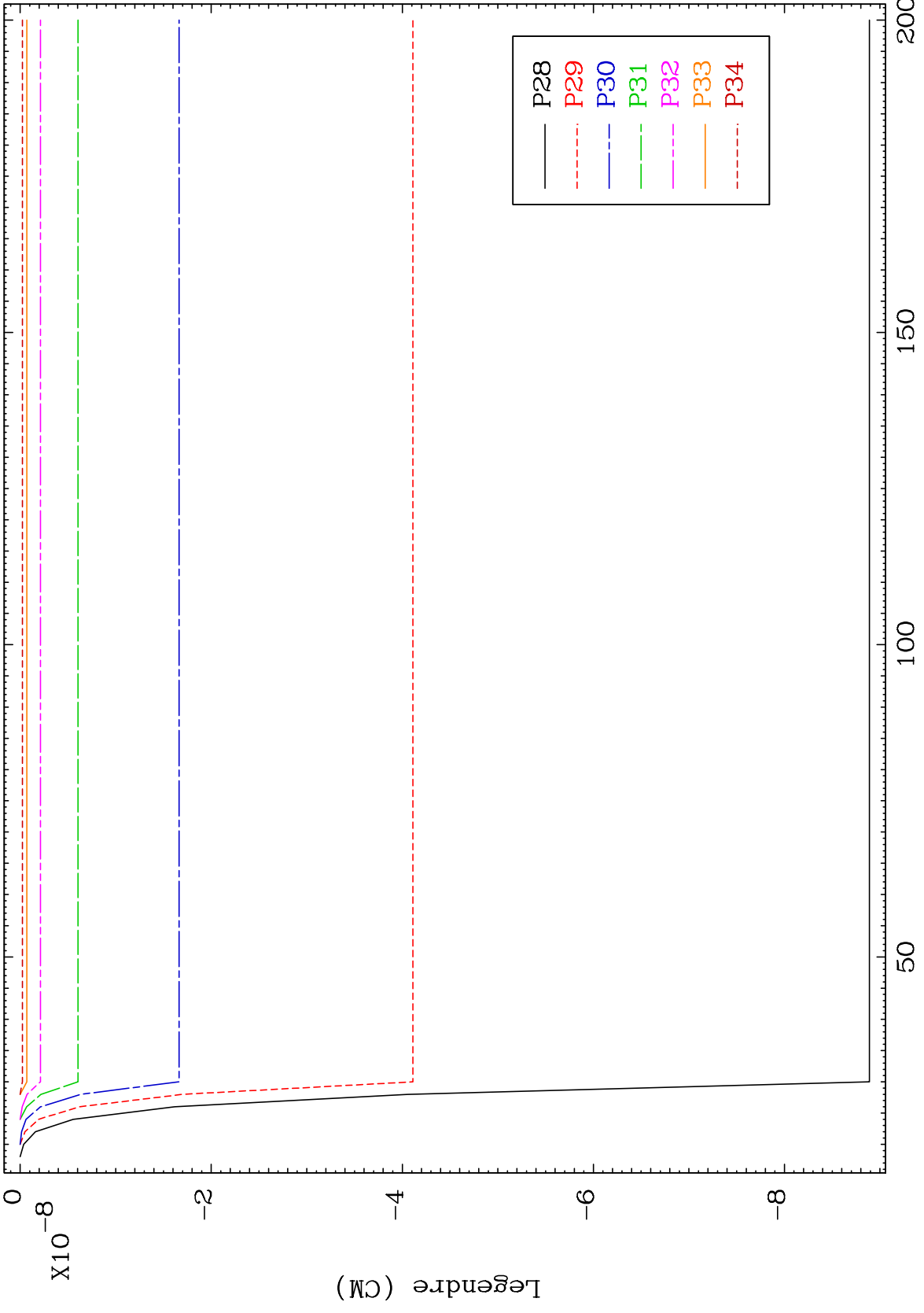
Incident Energy (MeV)

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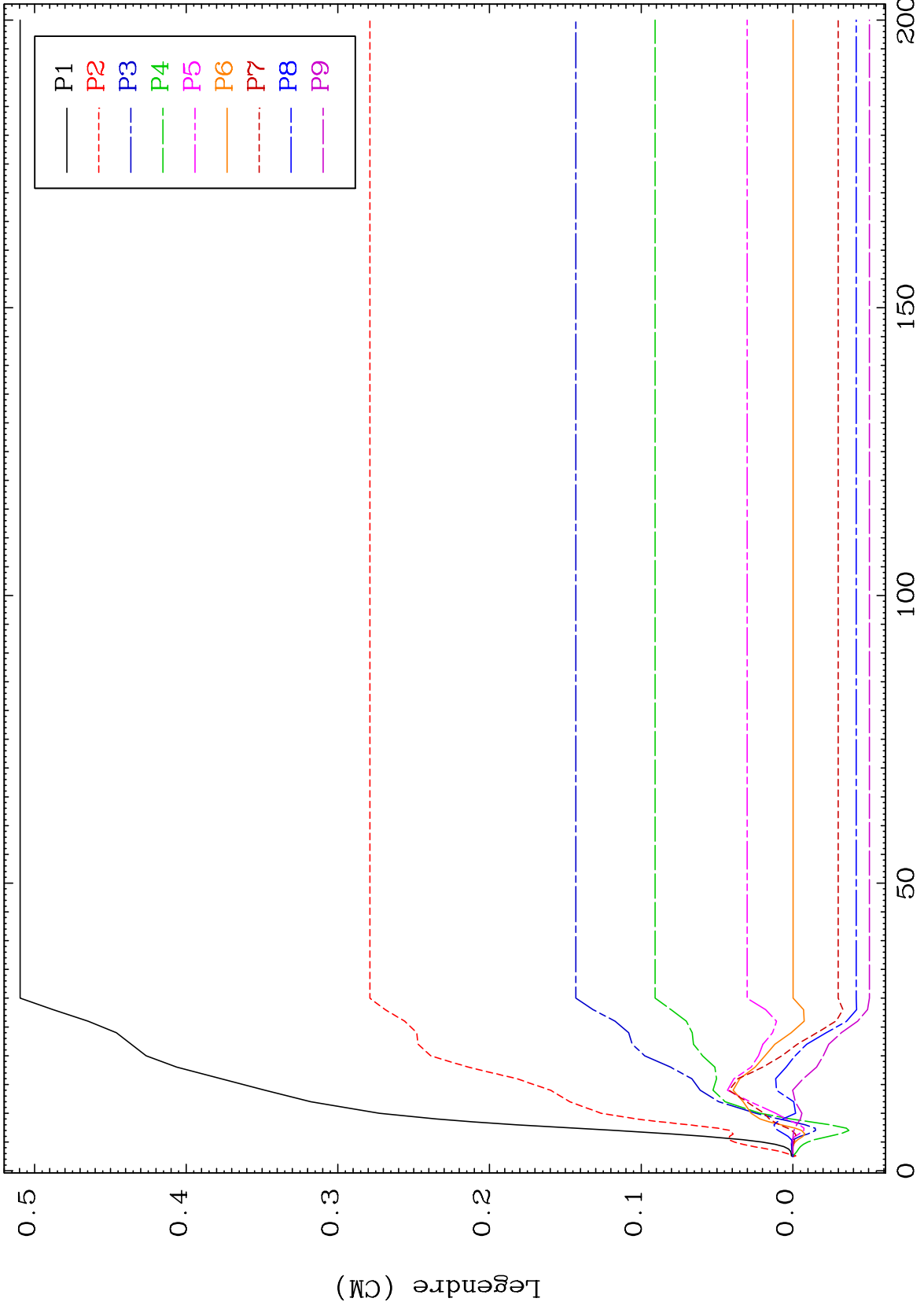
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50-Sn-122

MAT 5055 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-122



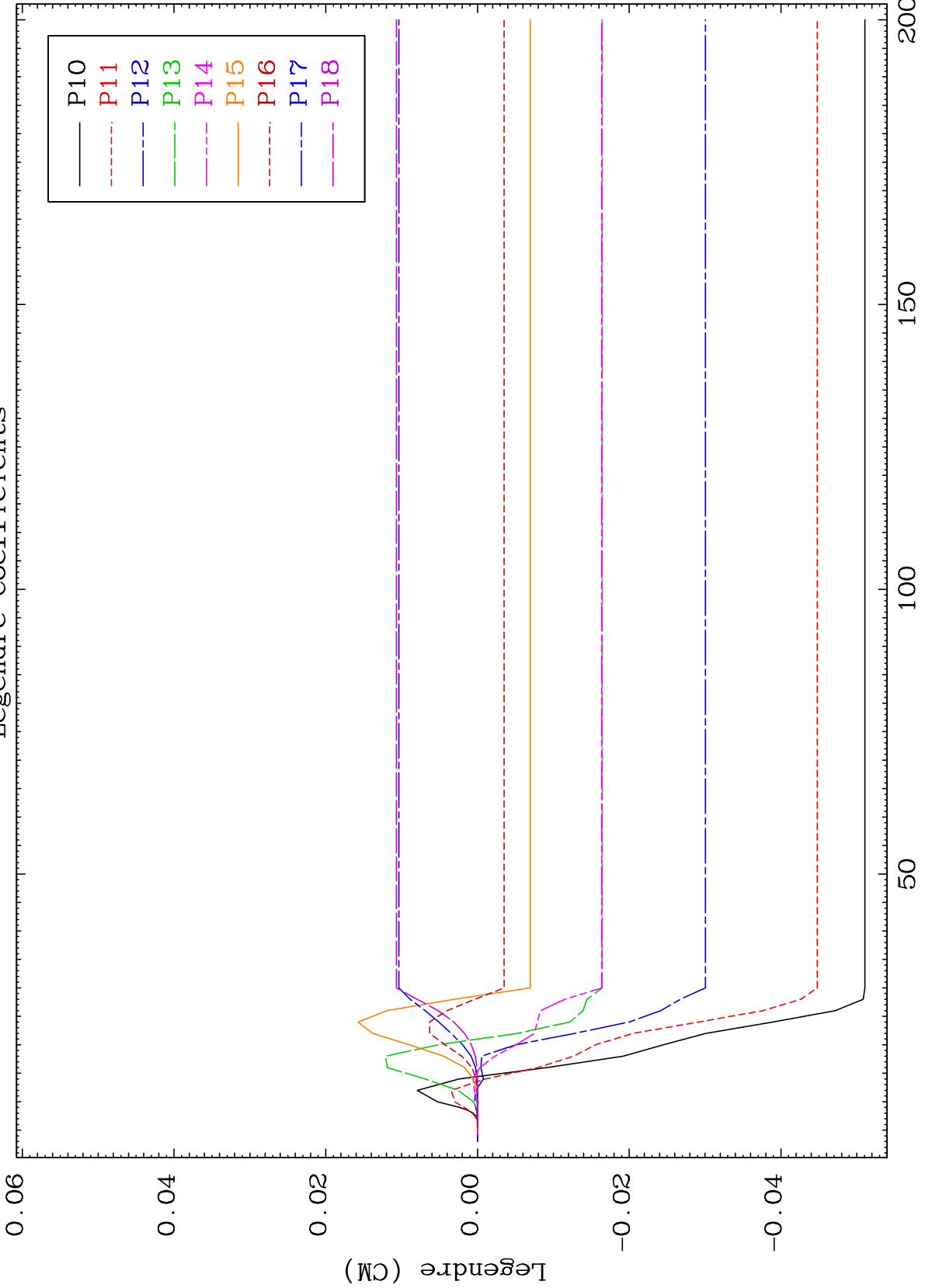
MAT 5055 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055 MT= 58 (n,n') Level Legendre Coefficients

50-Sn-122

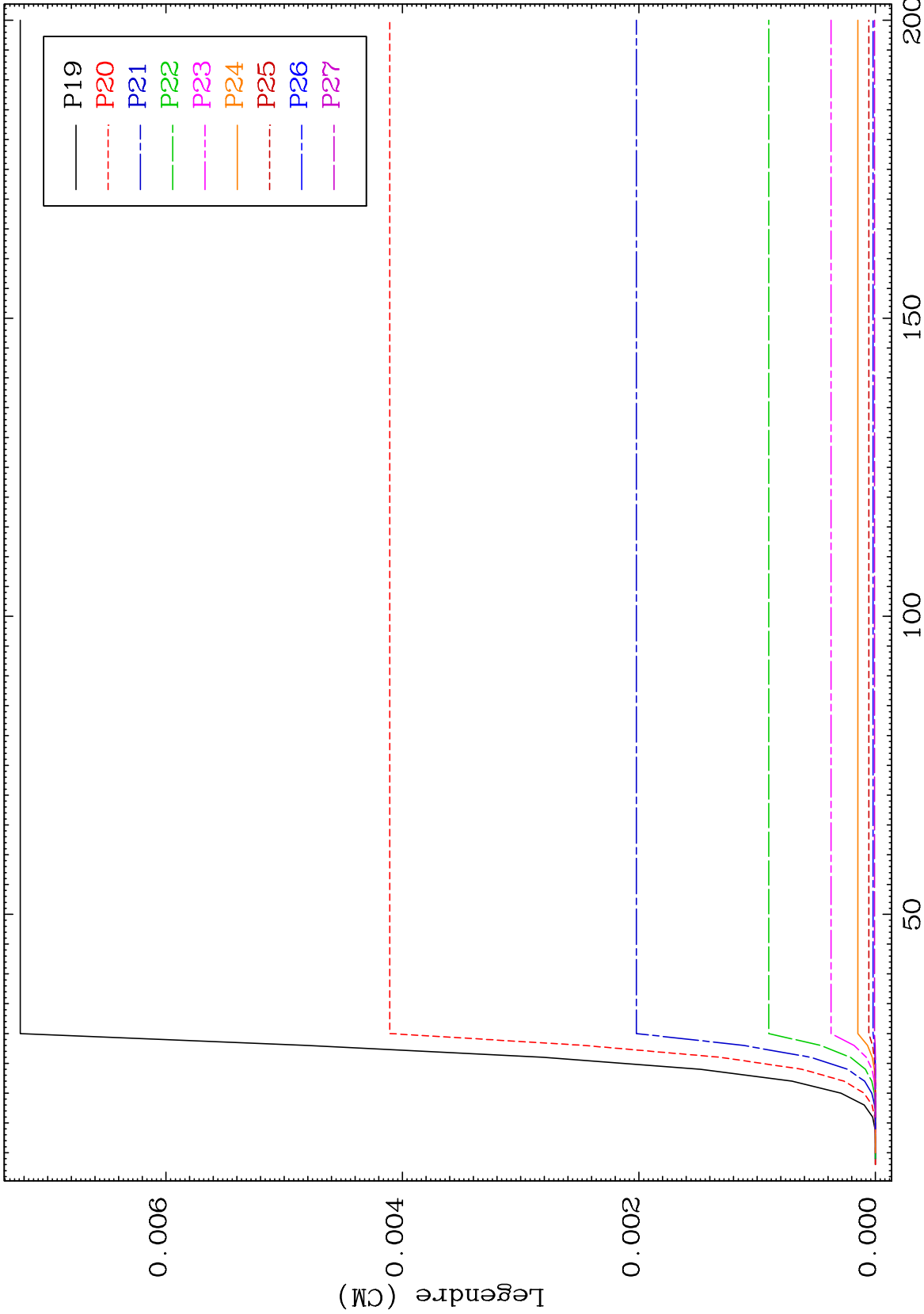
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MAT 5055

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

50-Sn-122

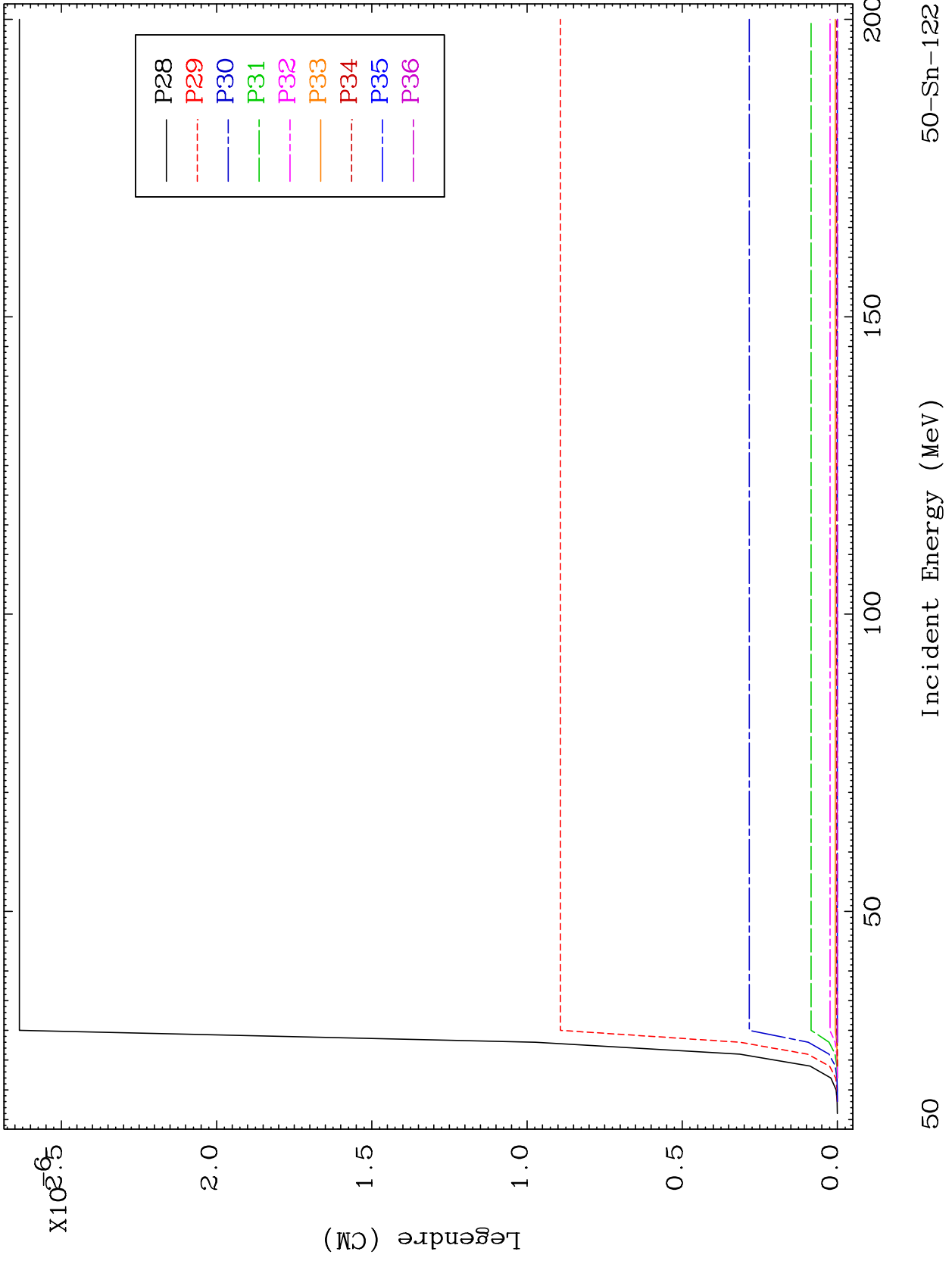


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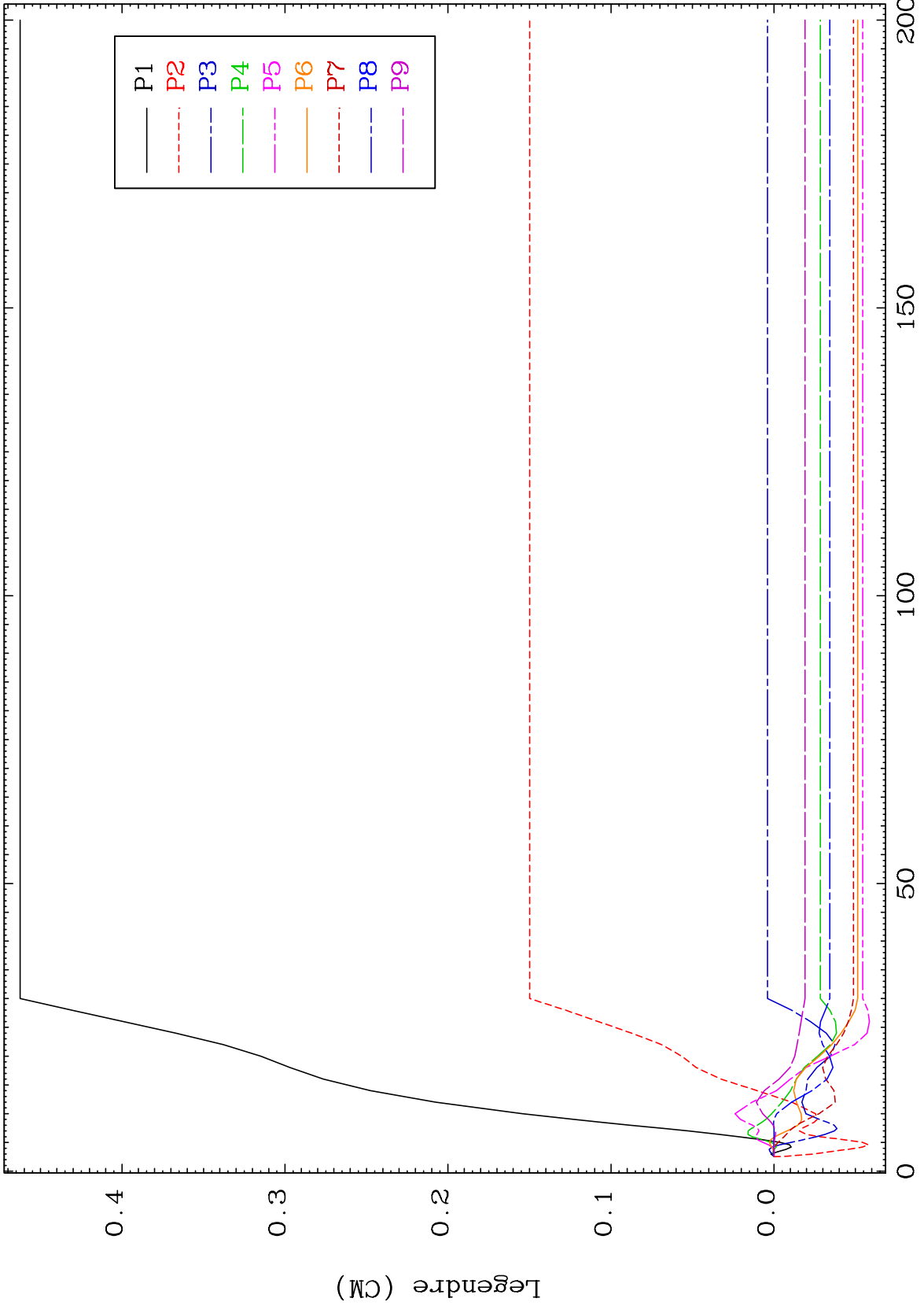
Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-122



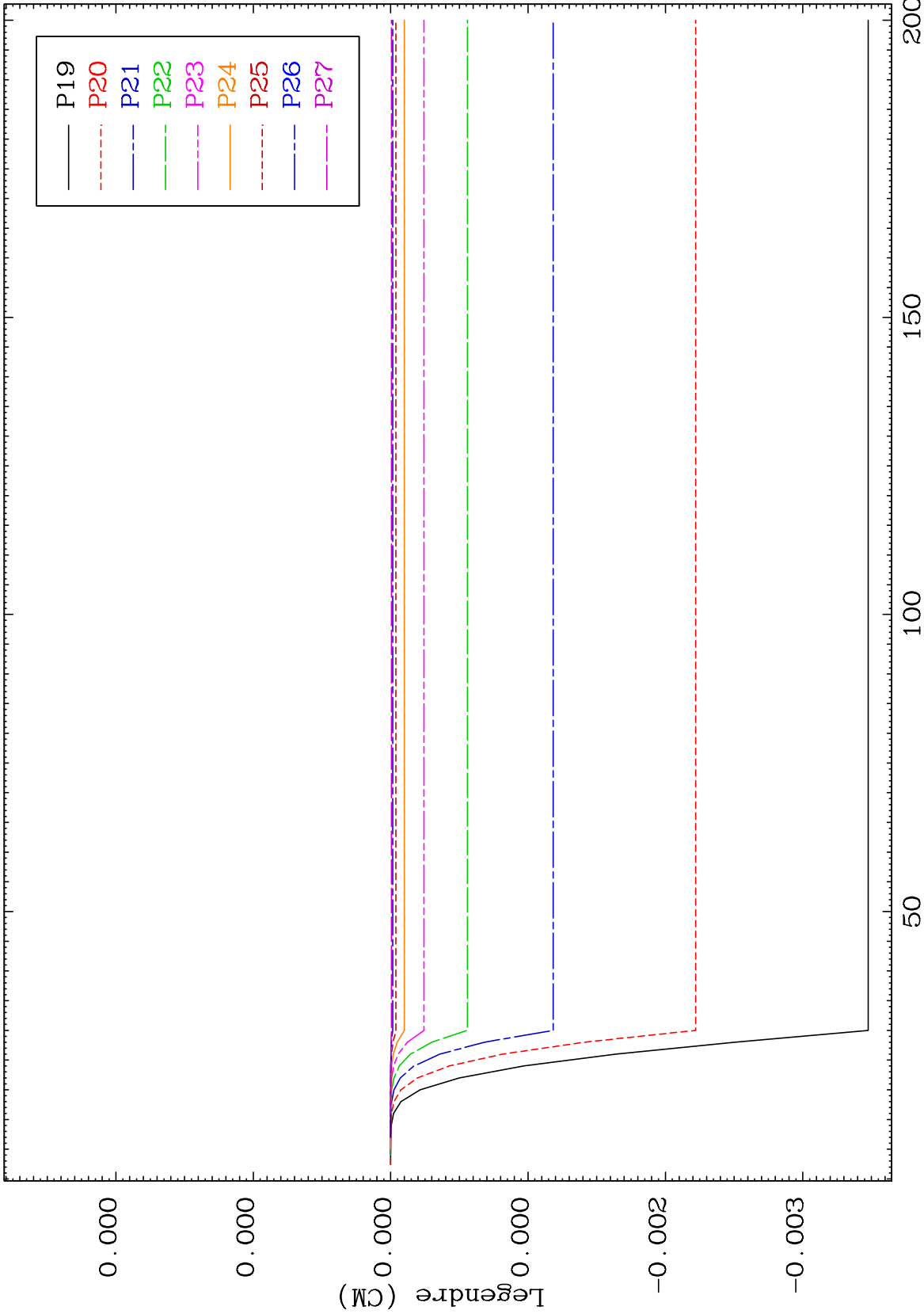
51 Incident Energy (MeV) 50-Sn-122



MAT 5055

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

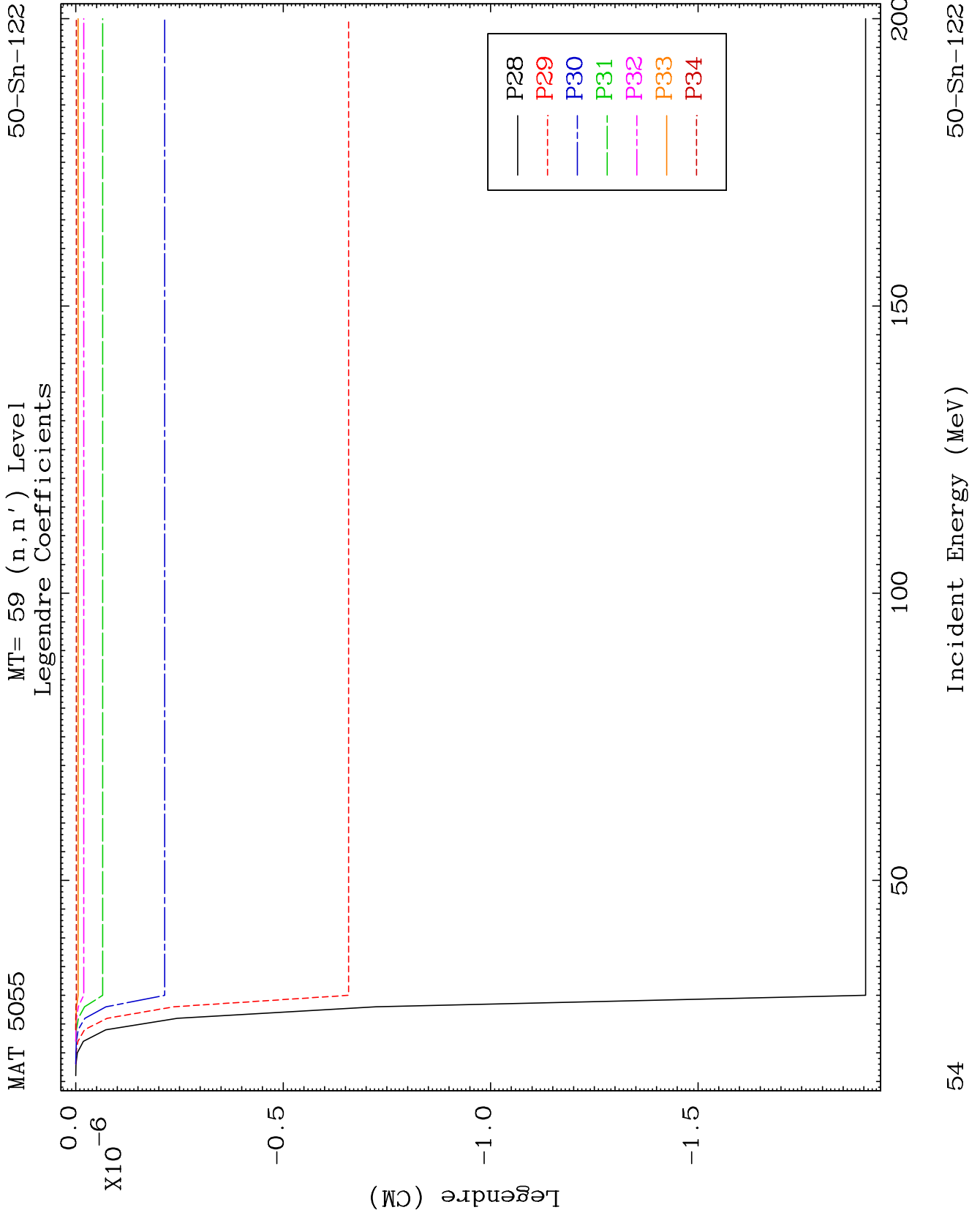
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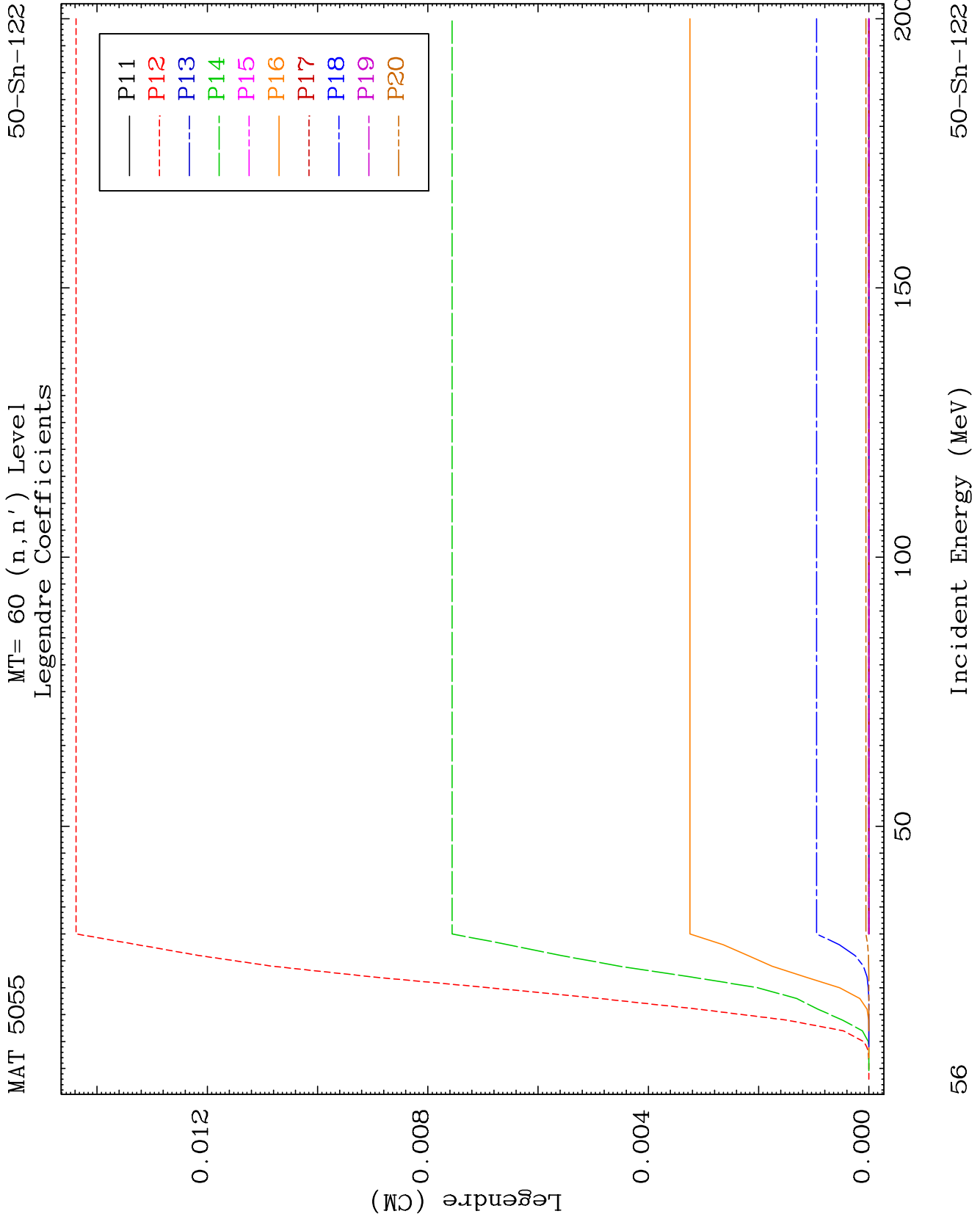
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Incident Energy (MeV)

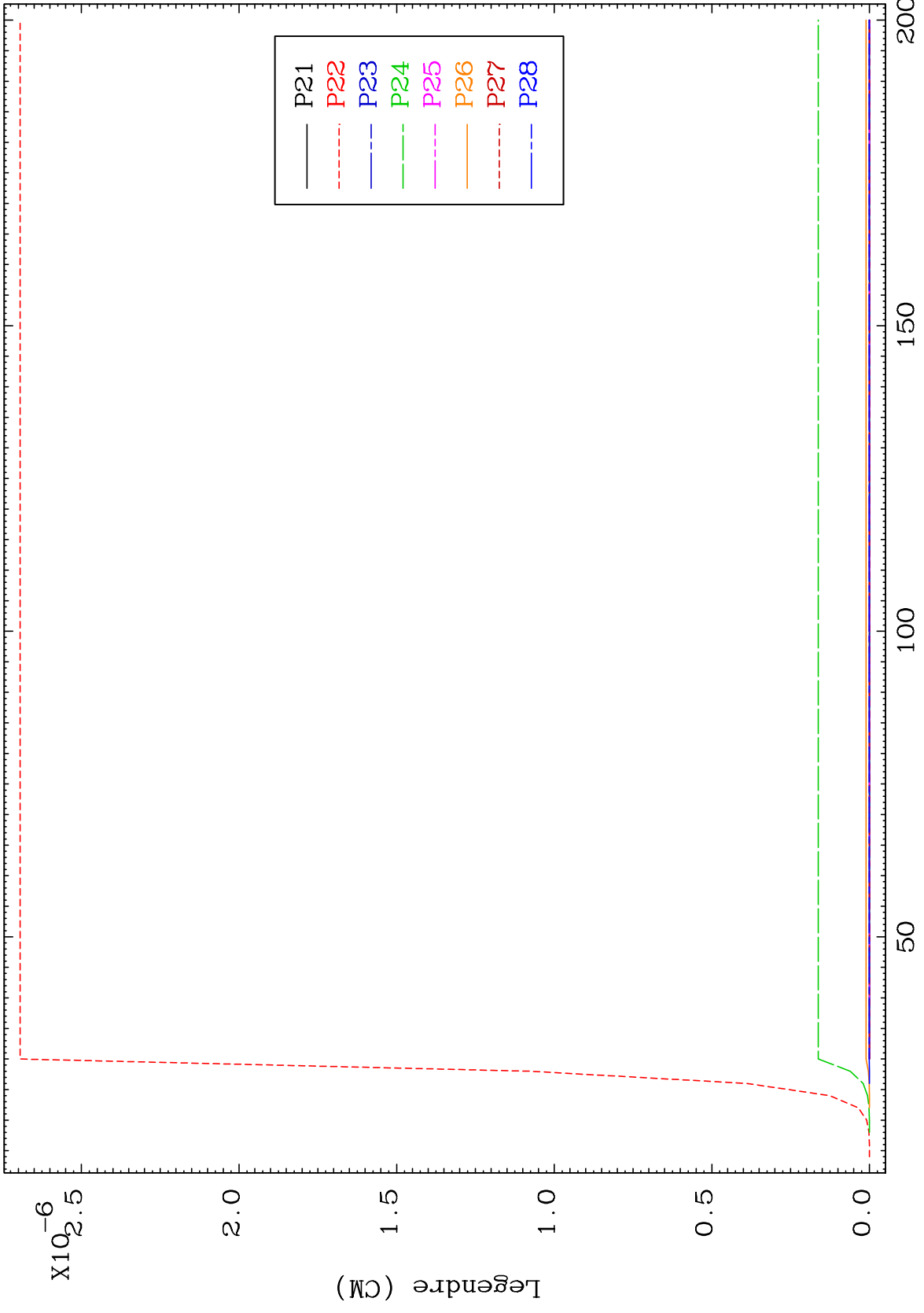
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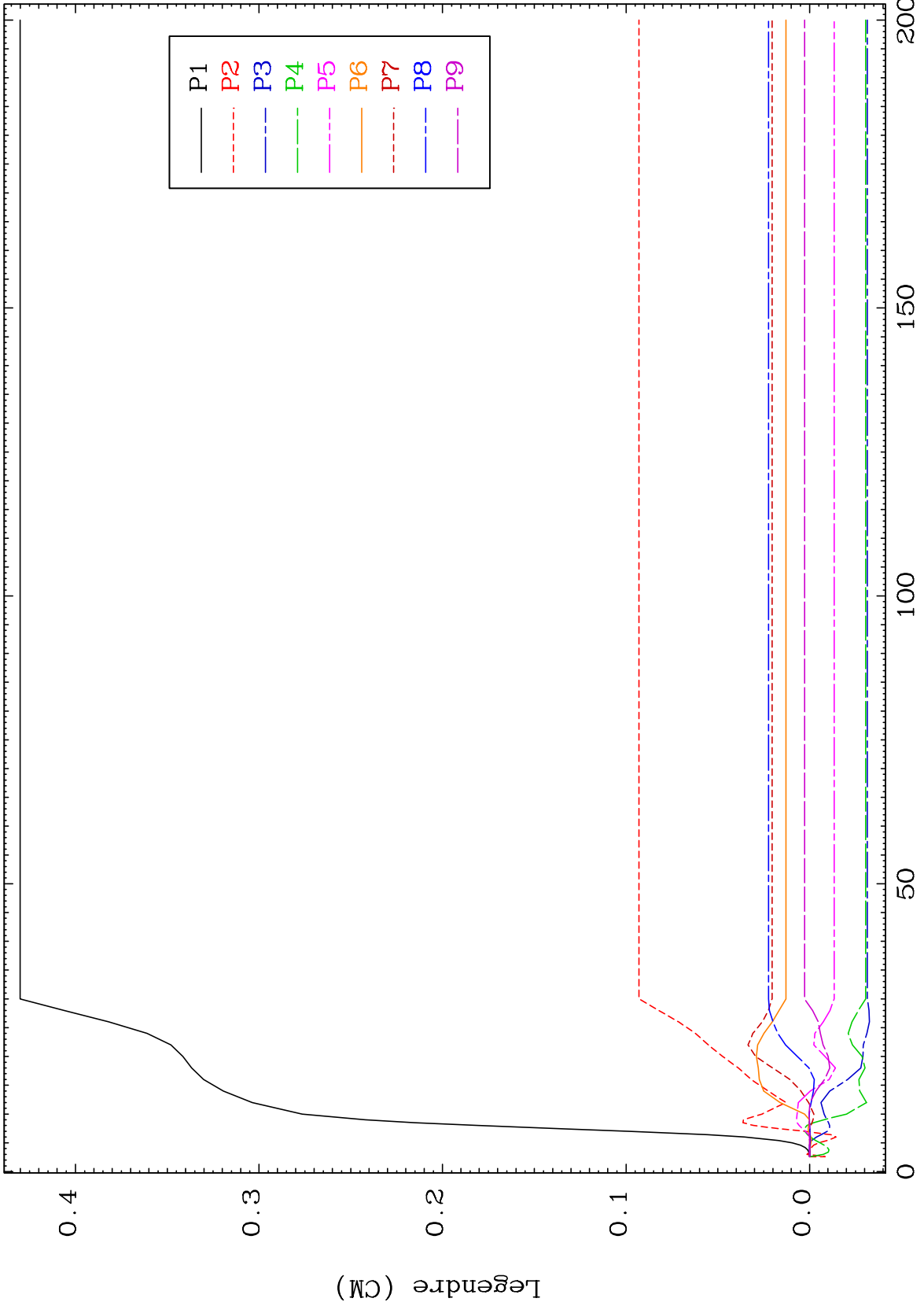




MAT 5055 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-122

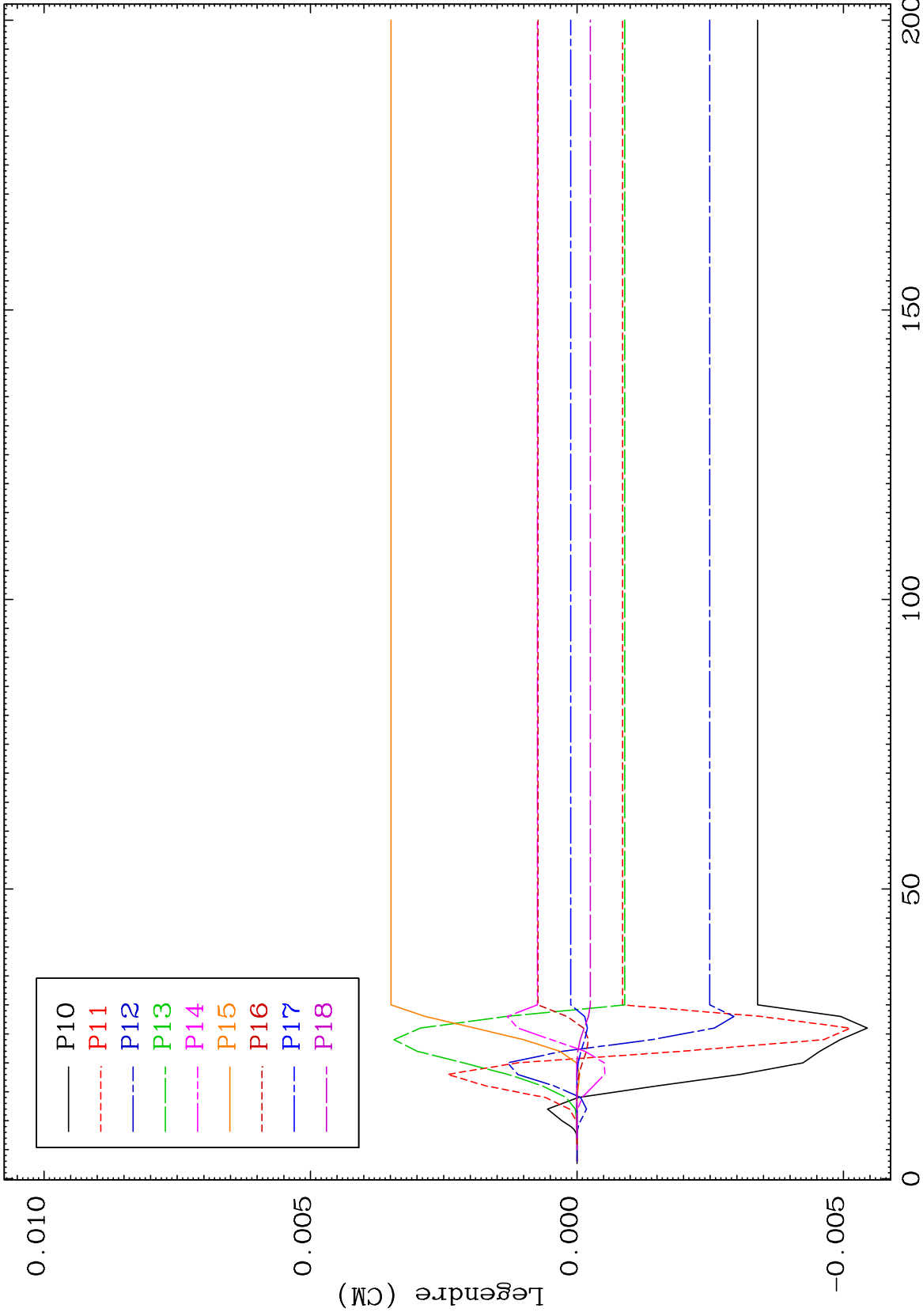


58 50-Sn-122

MAT 5055

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

50-Sn-122

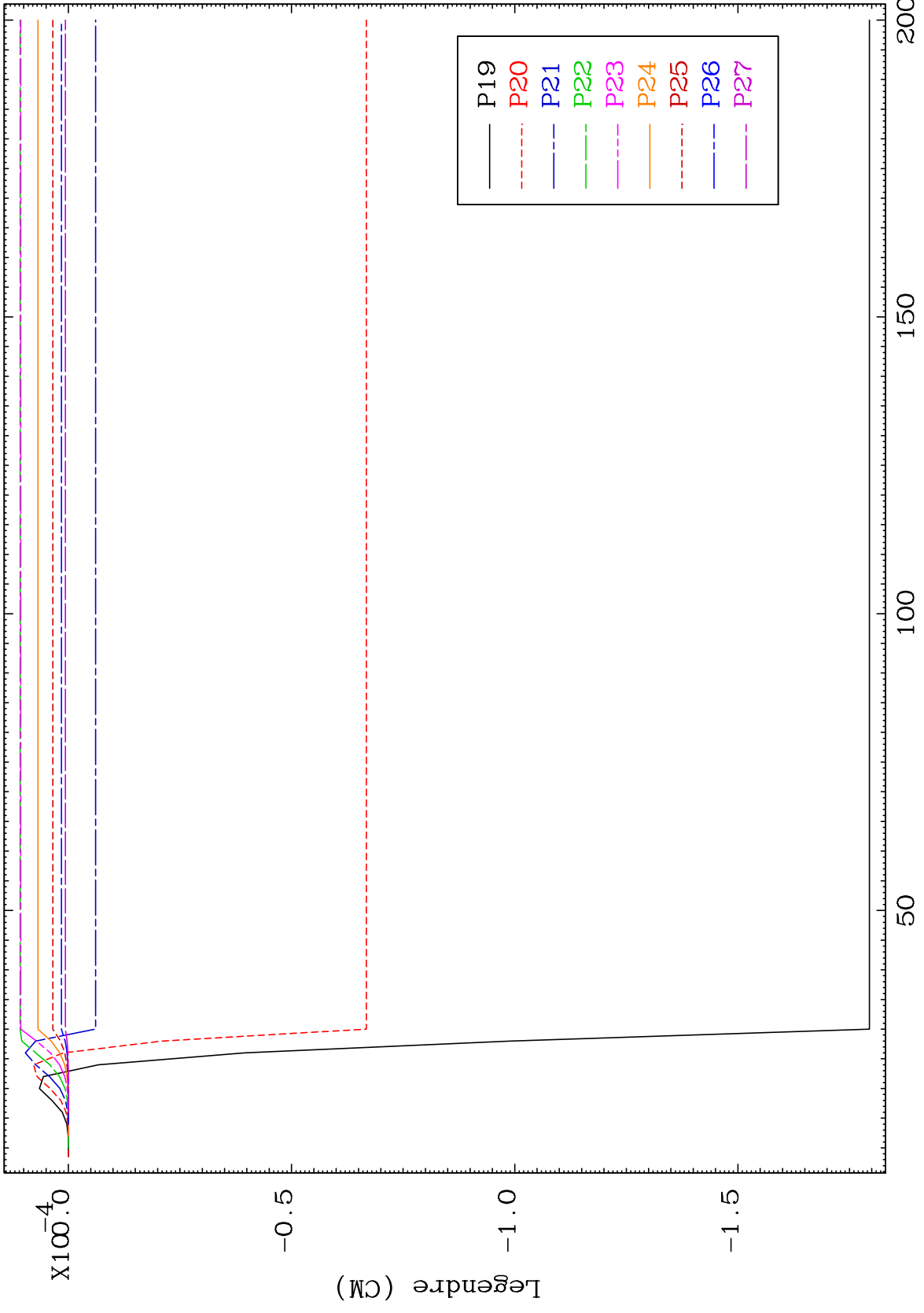


59

Incident Energy (MeV)

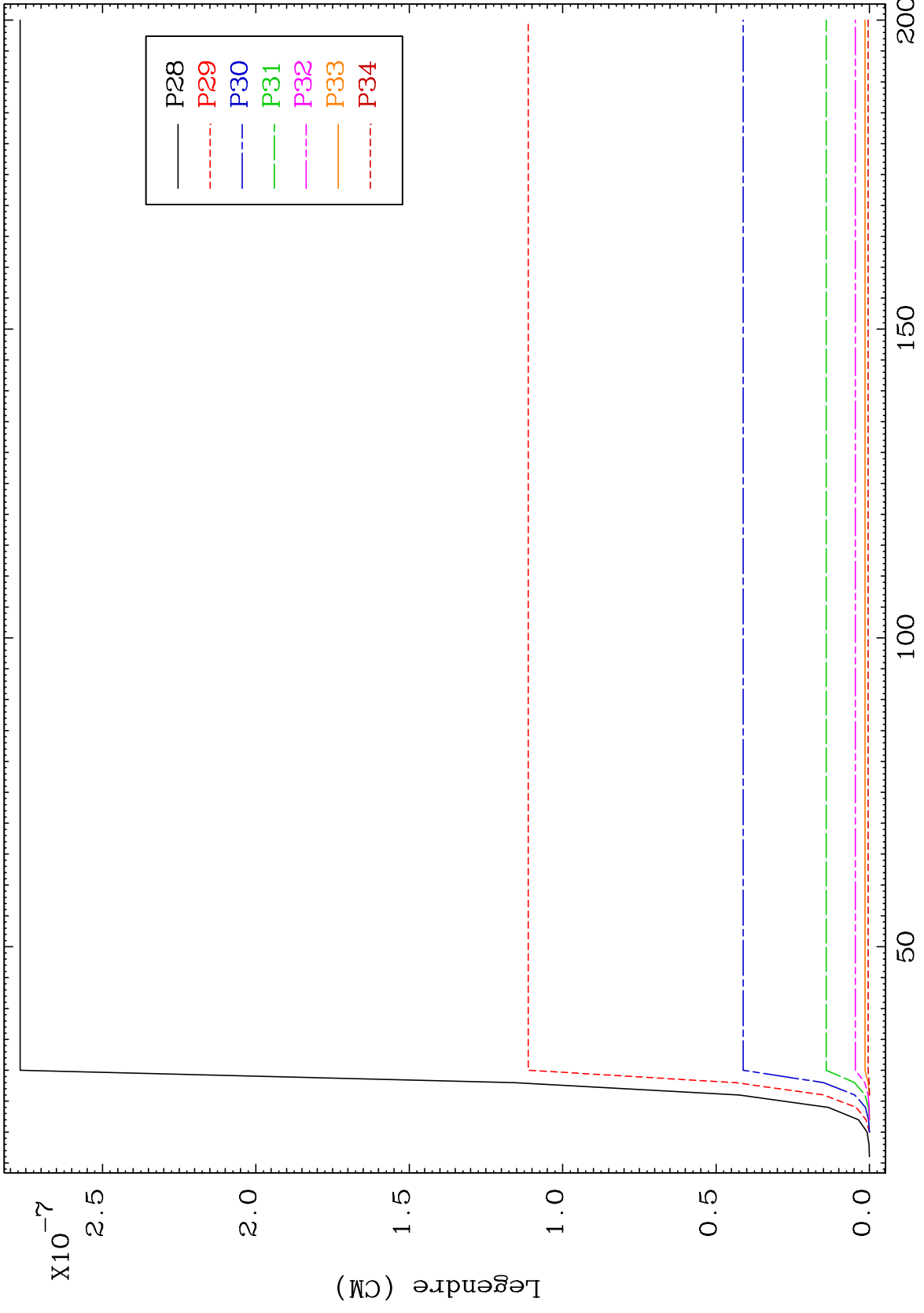
50-Sn-122

MAT 5055 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-122



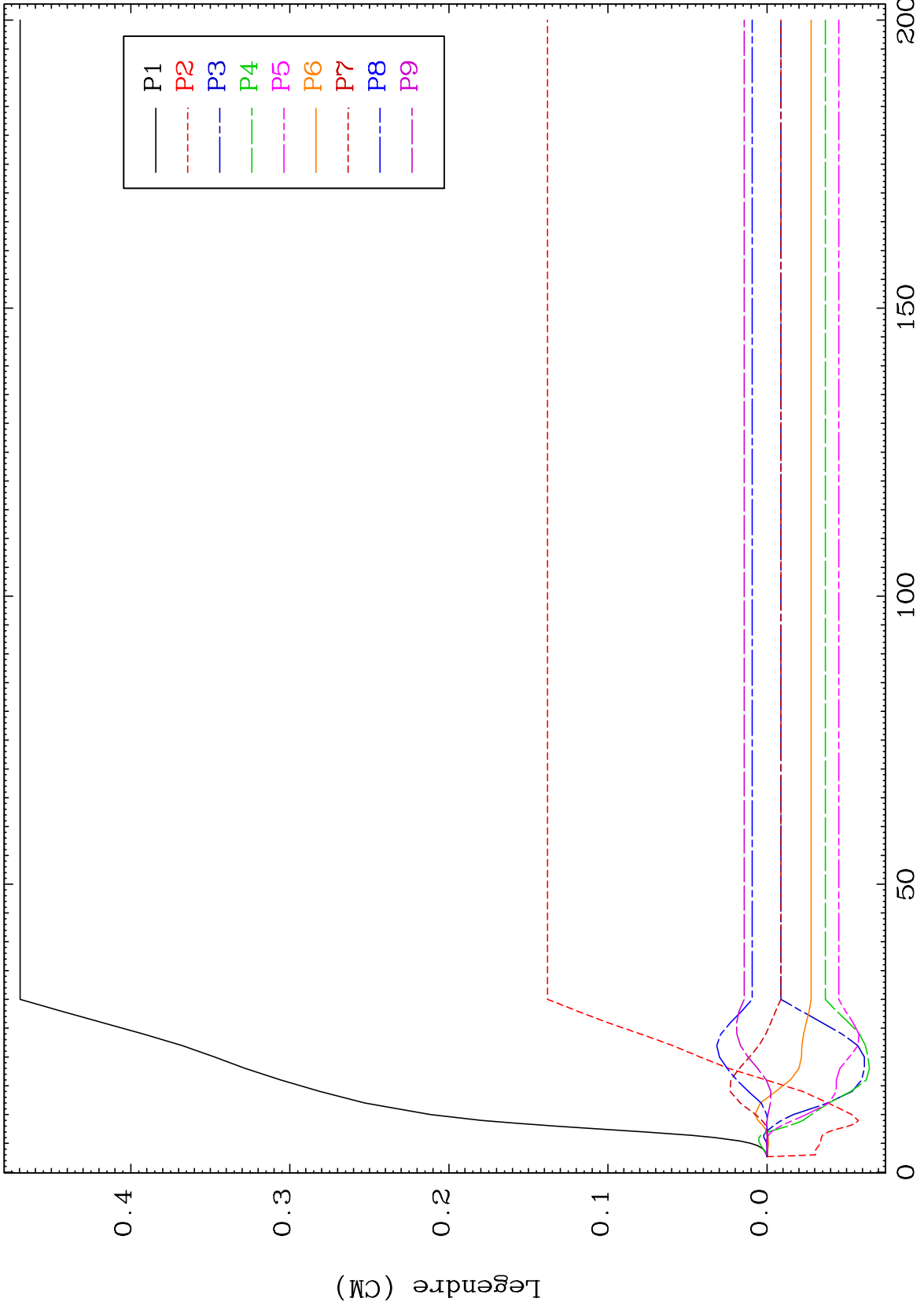
60 50-Sn-122

MAT 5055 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-122



61 50-Sn-122

MAT 5055 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-122

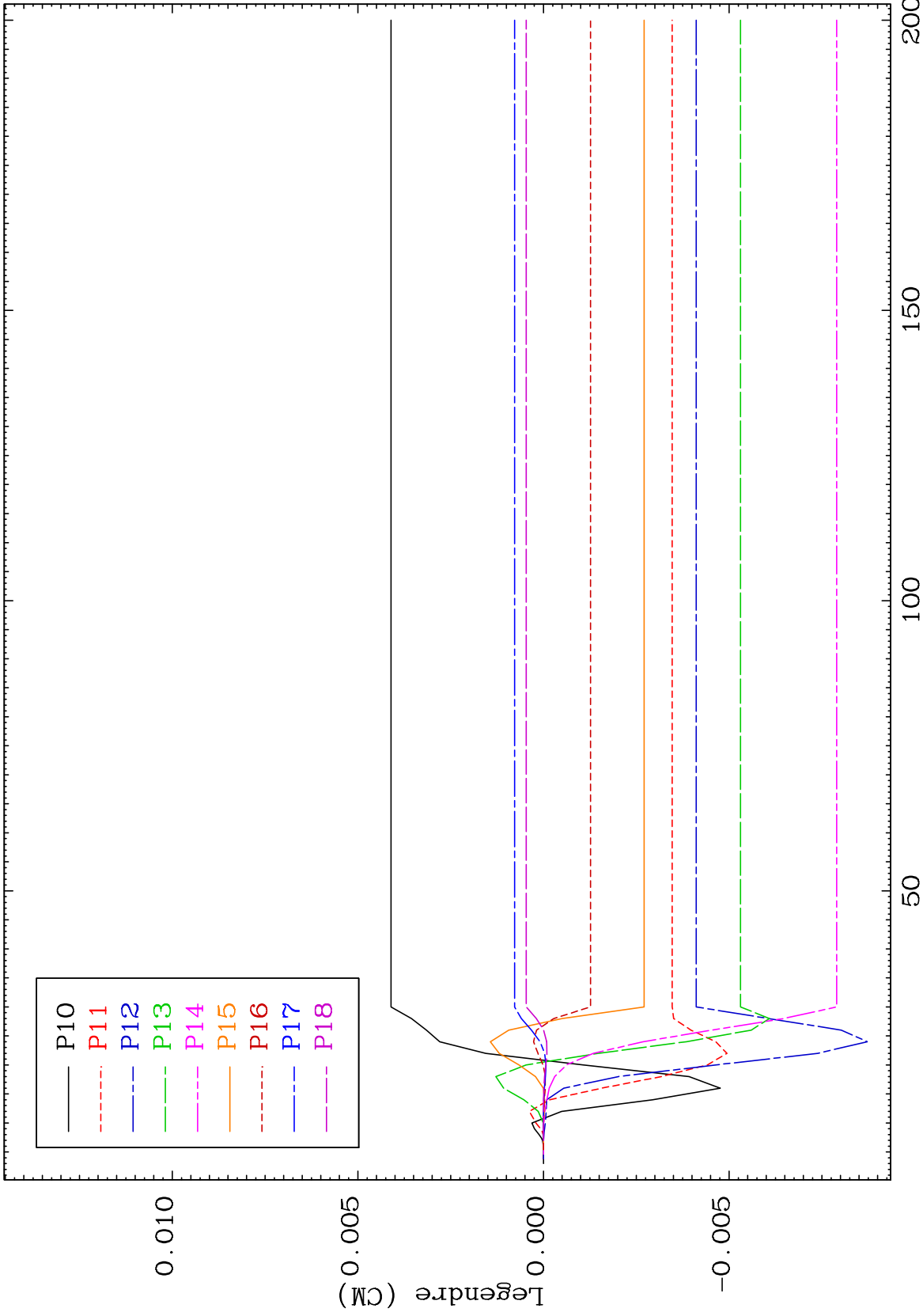


62 50-Sn-122

MAT 5055

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

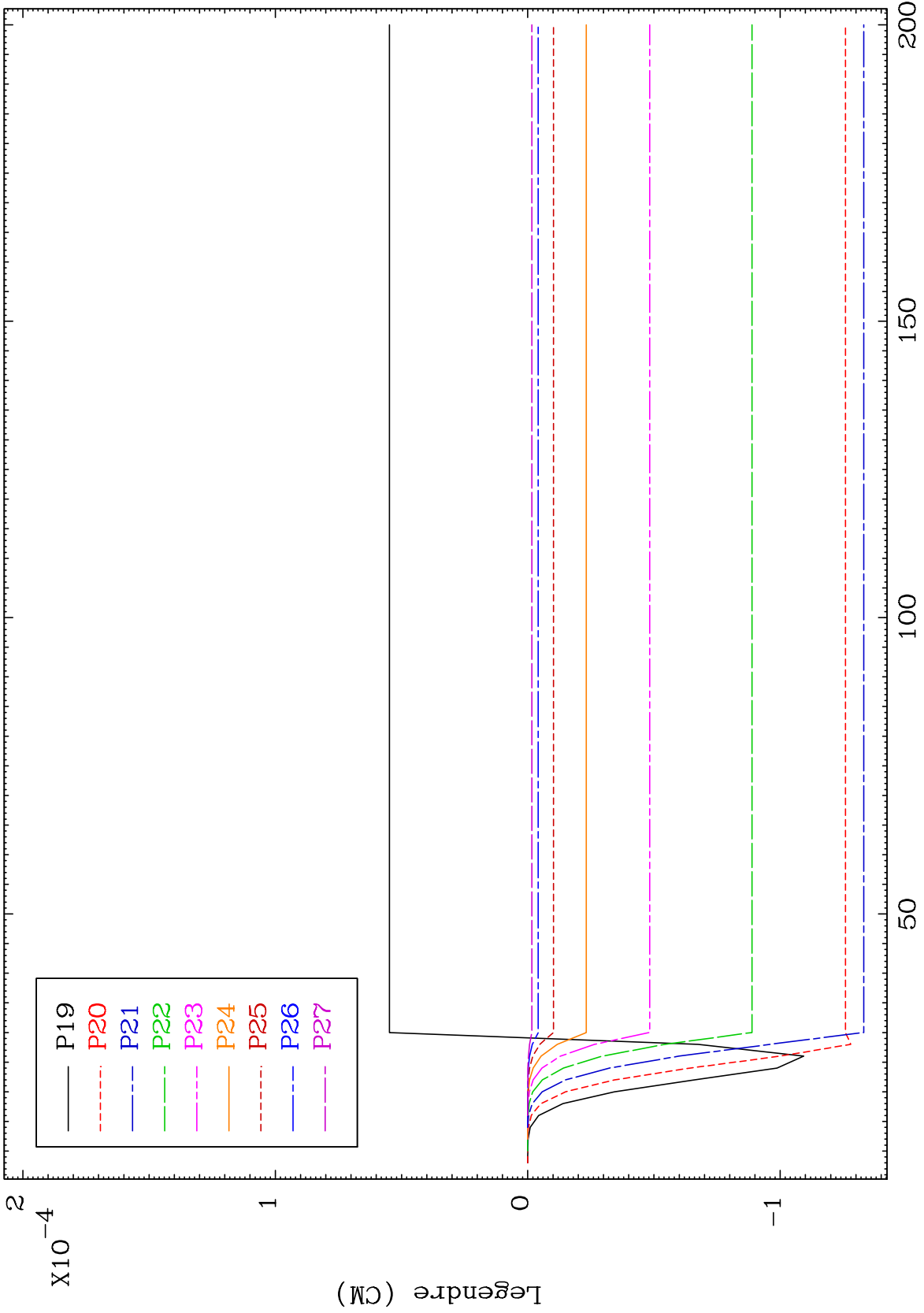
50-Sn-122



MAT 5055

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

50-Sn-122

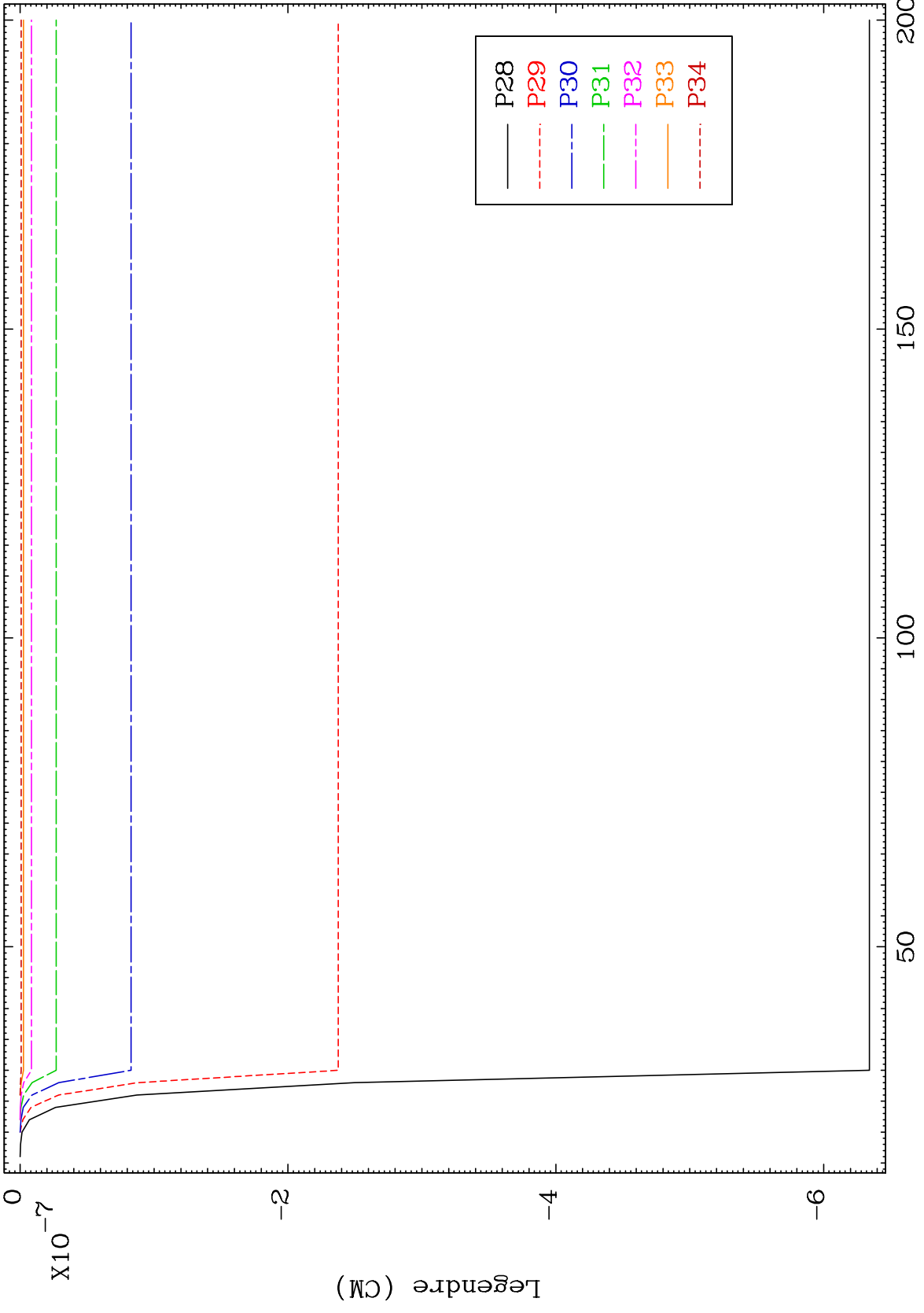


64

Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-122

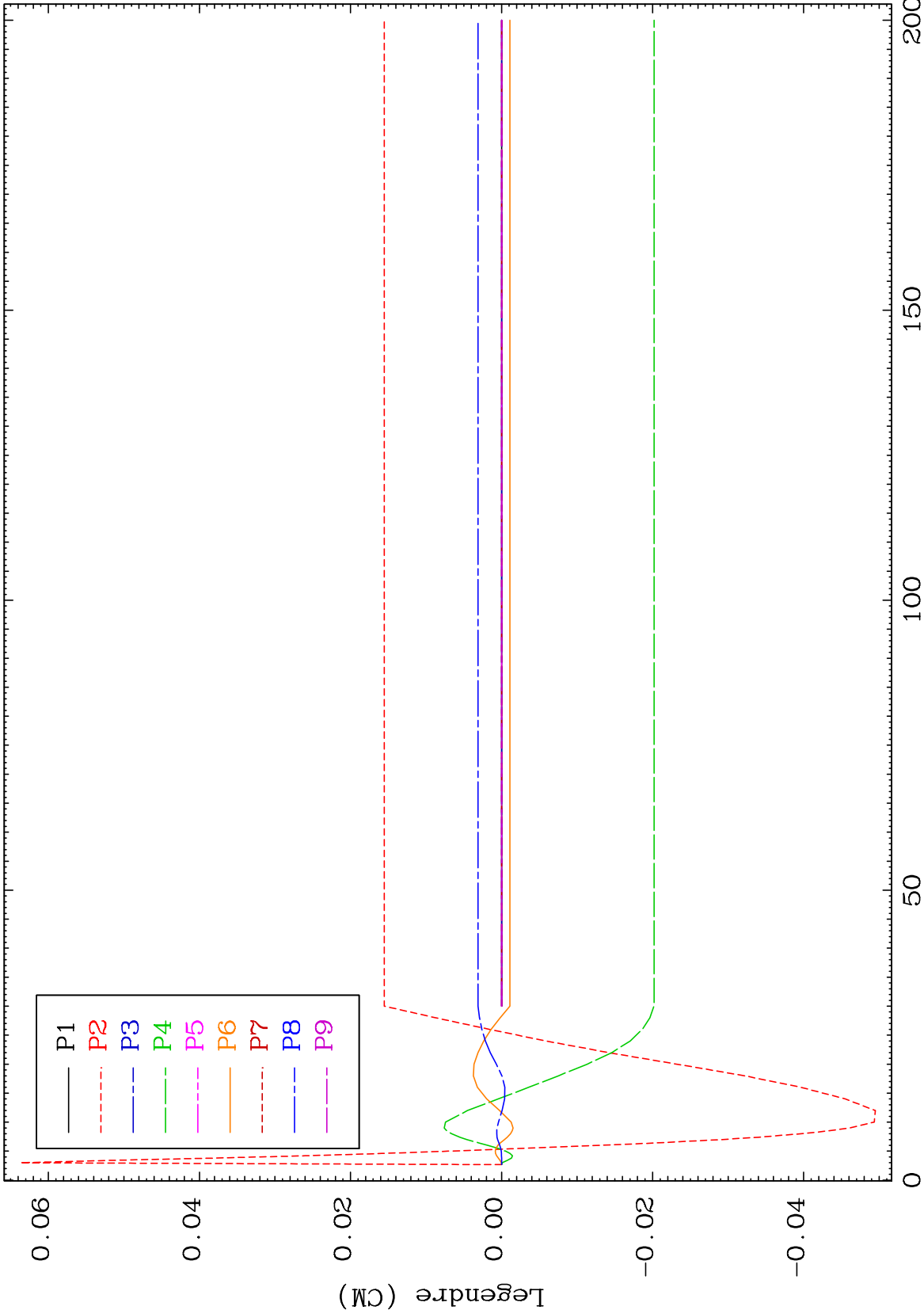


65 Incident Energy (MeV) 50-Sn-122

MAT 5055

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

50-Sn-122



66

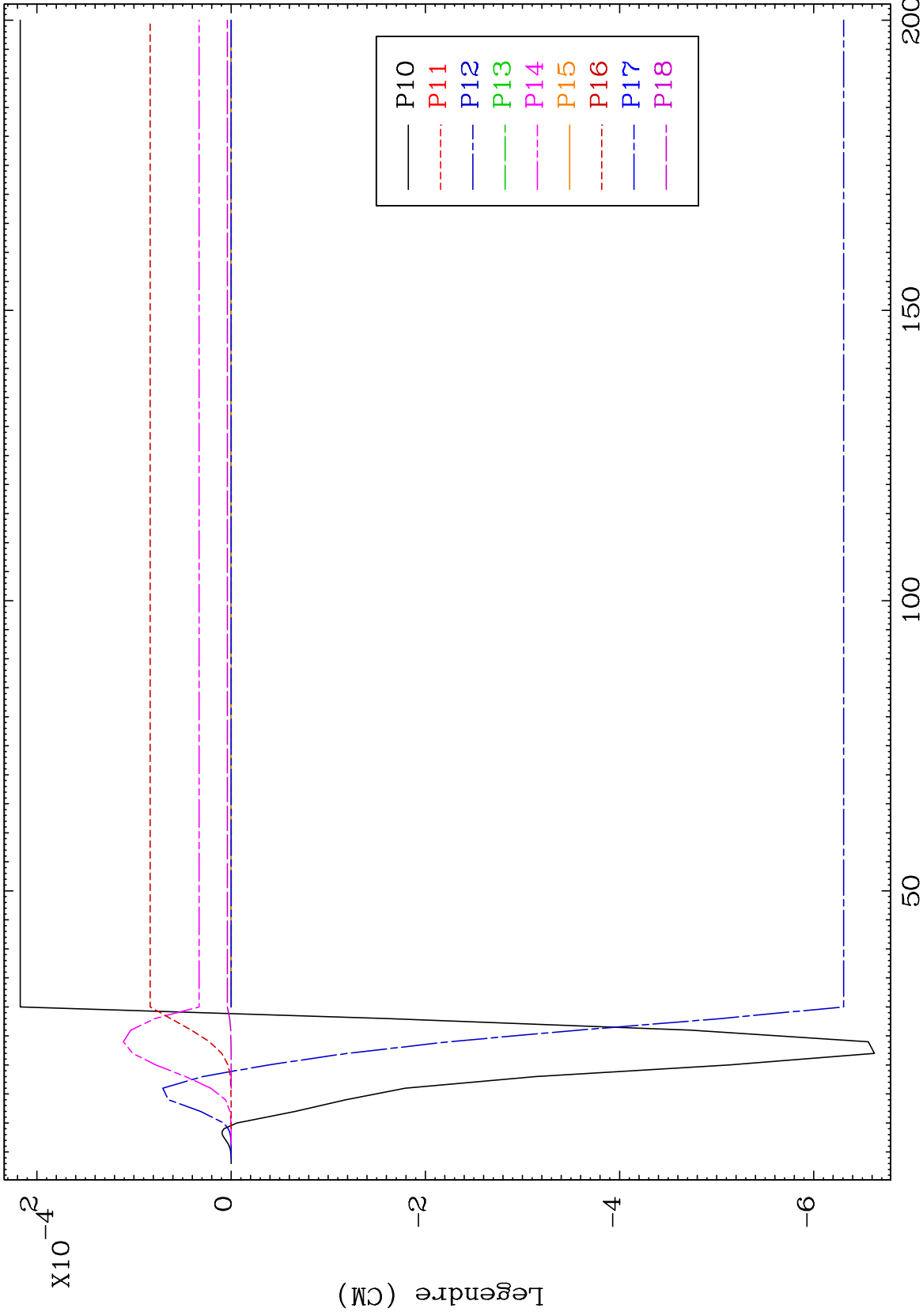
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122

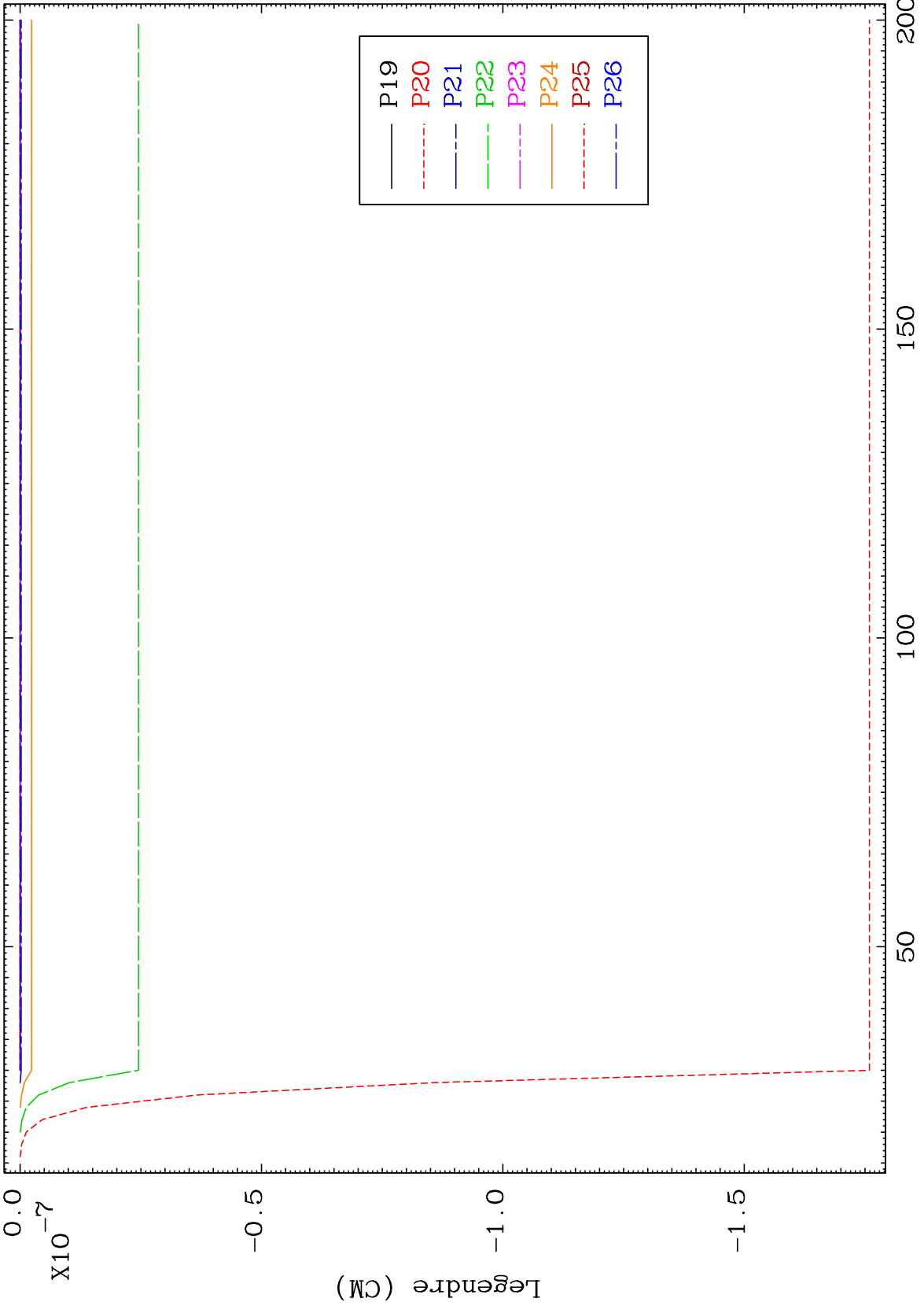


67

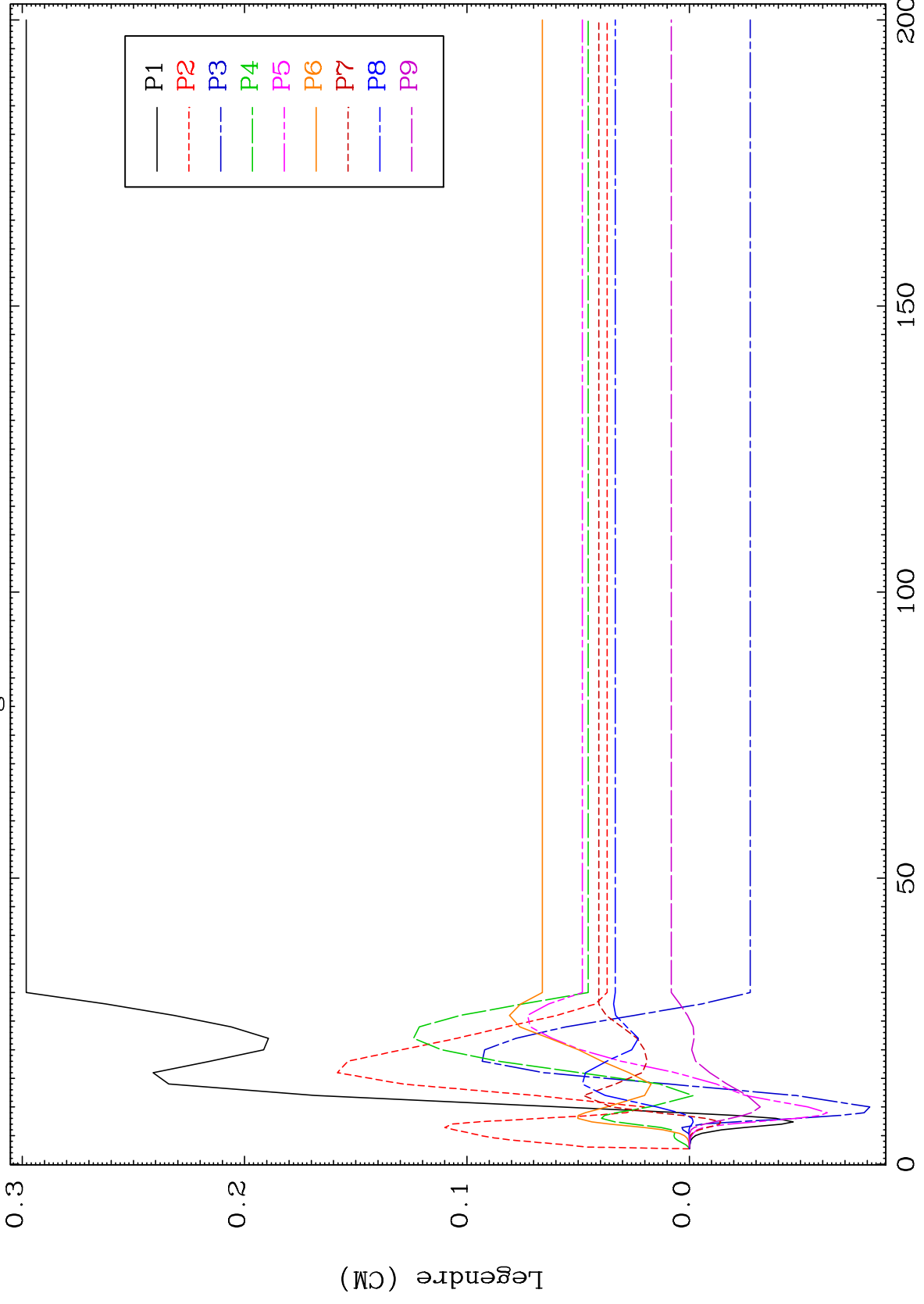
Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-122

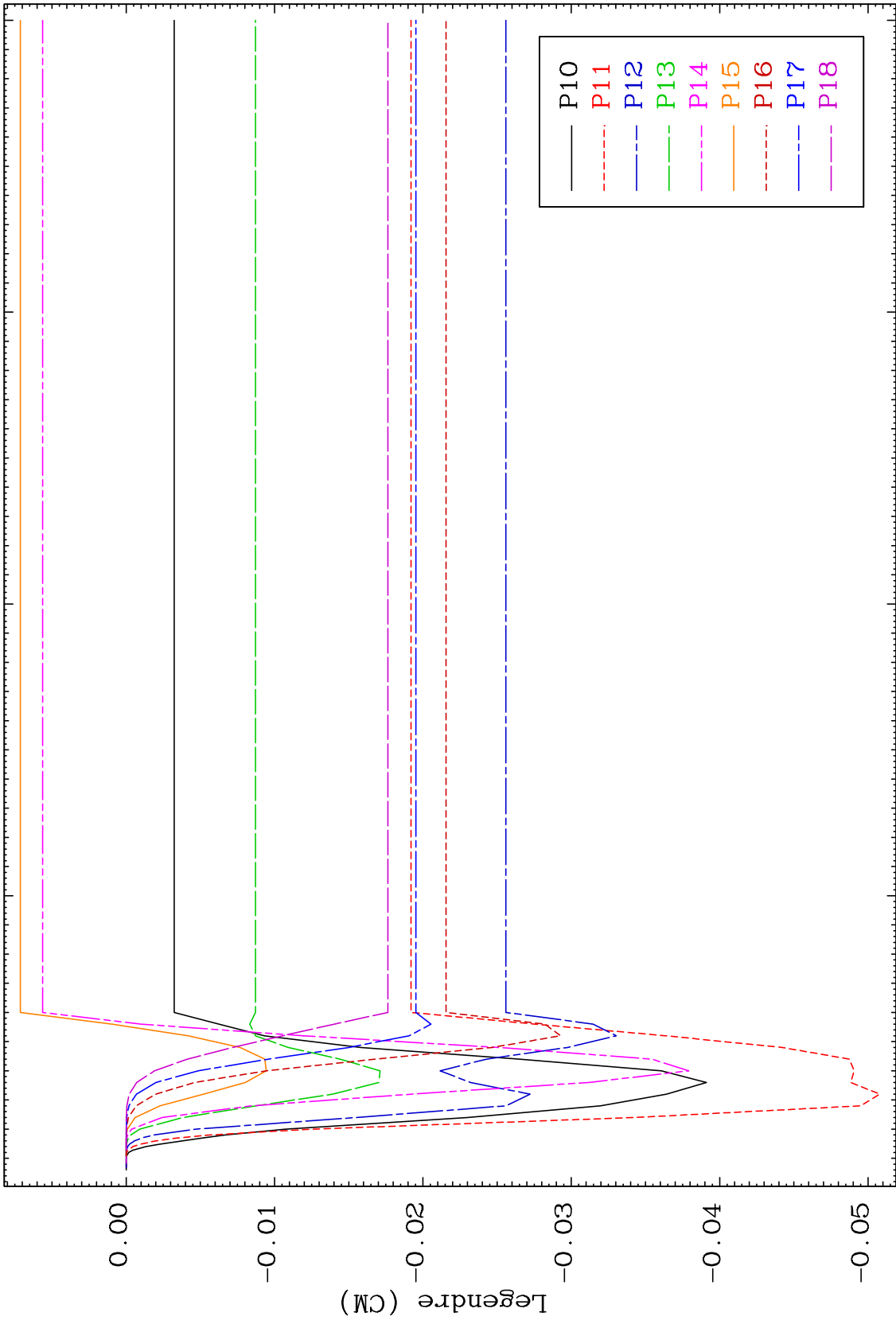


MAT 5055 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-122



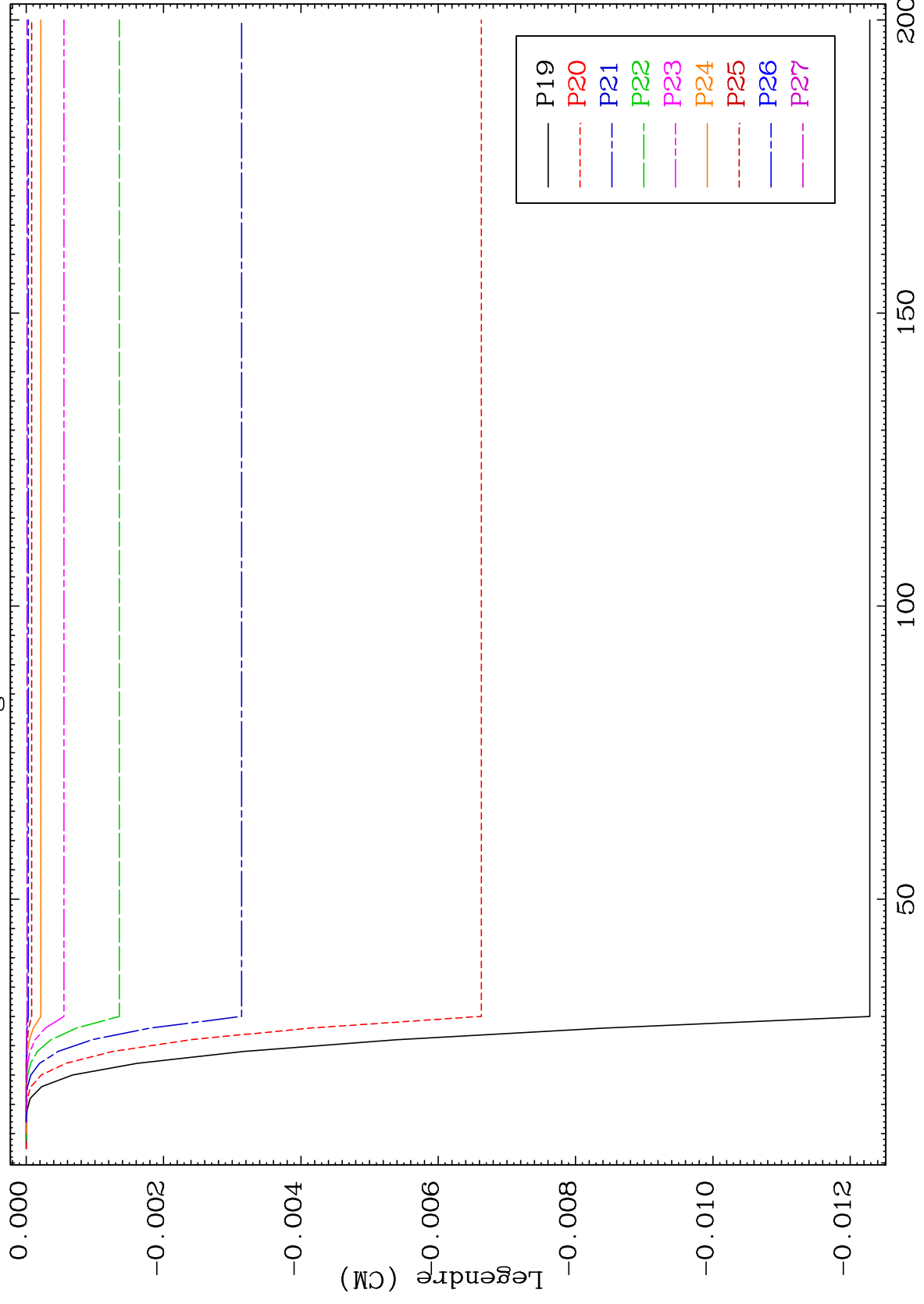
69 Incident Energy (MeV) 50-Sn-122

MAT 5055 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-122



70 Incident Energy (MeV) 50-Sn-122

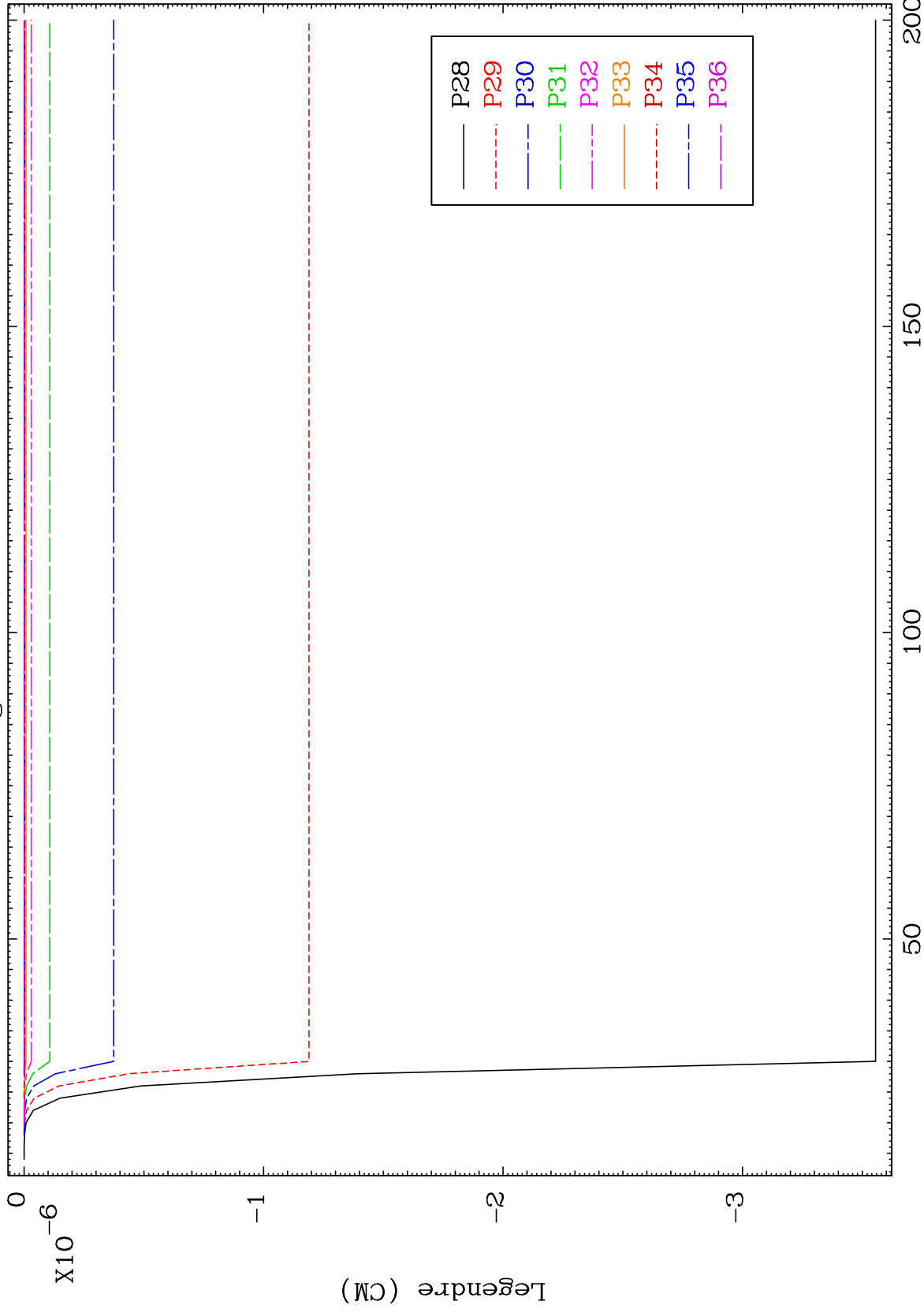
MAT 5055 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055

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

50-Sn-122

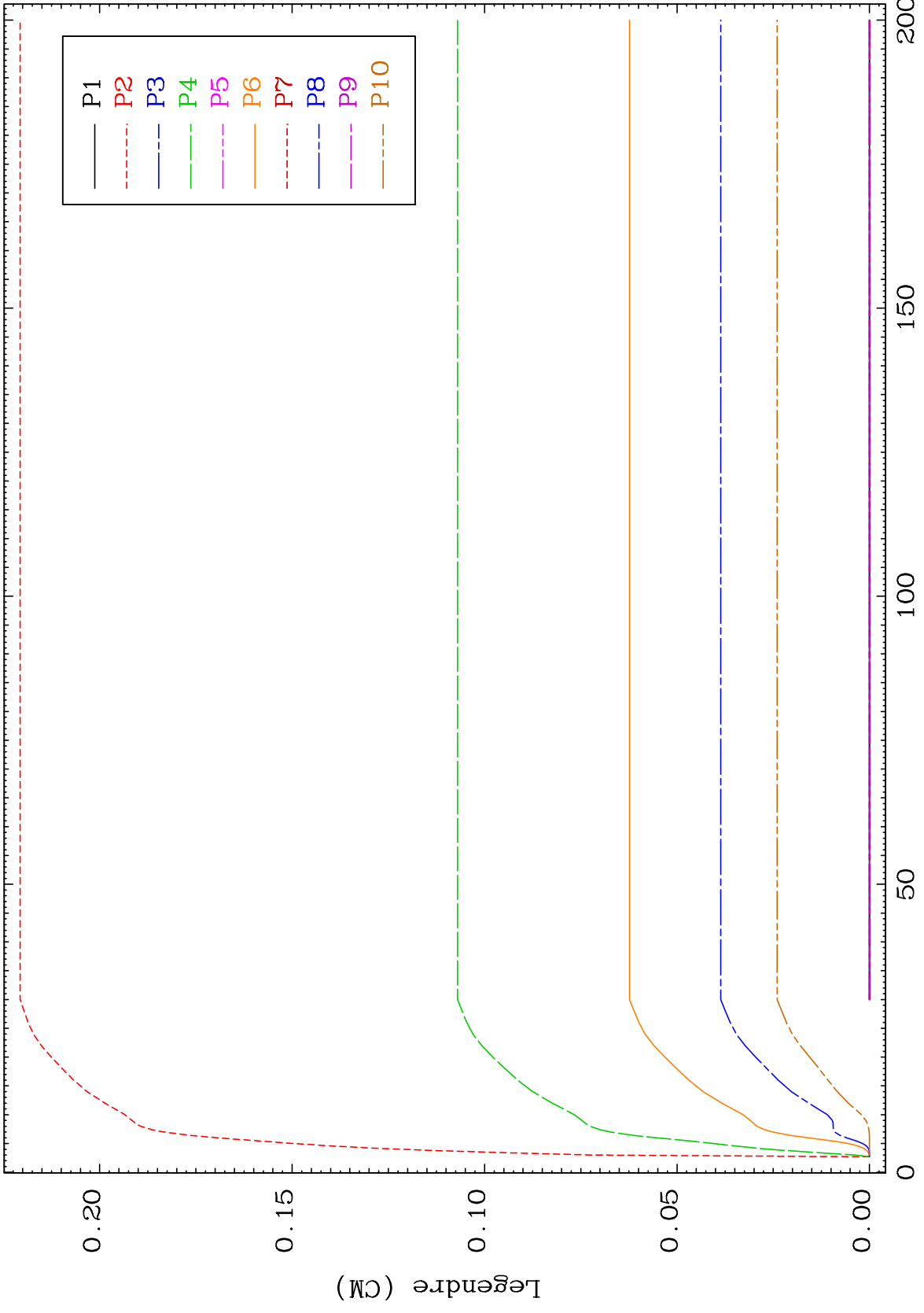


50-Sn-122

Incident Energy (MeV)

72

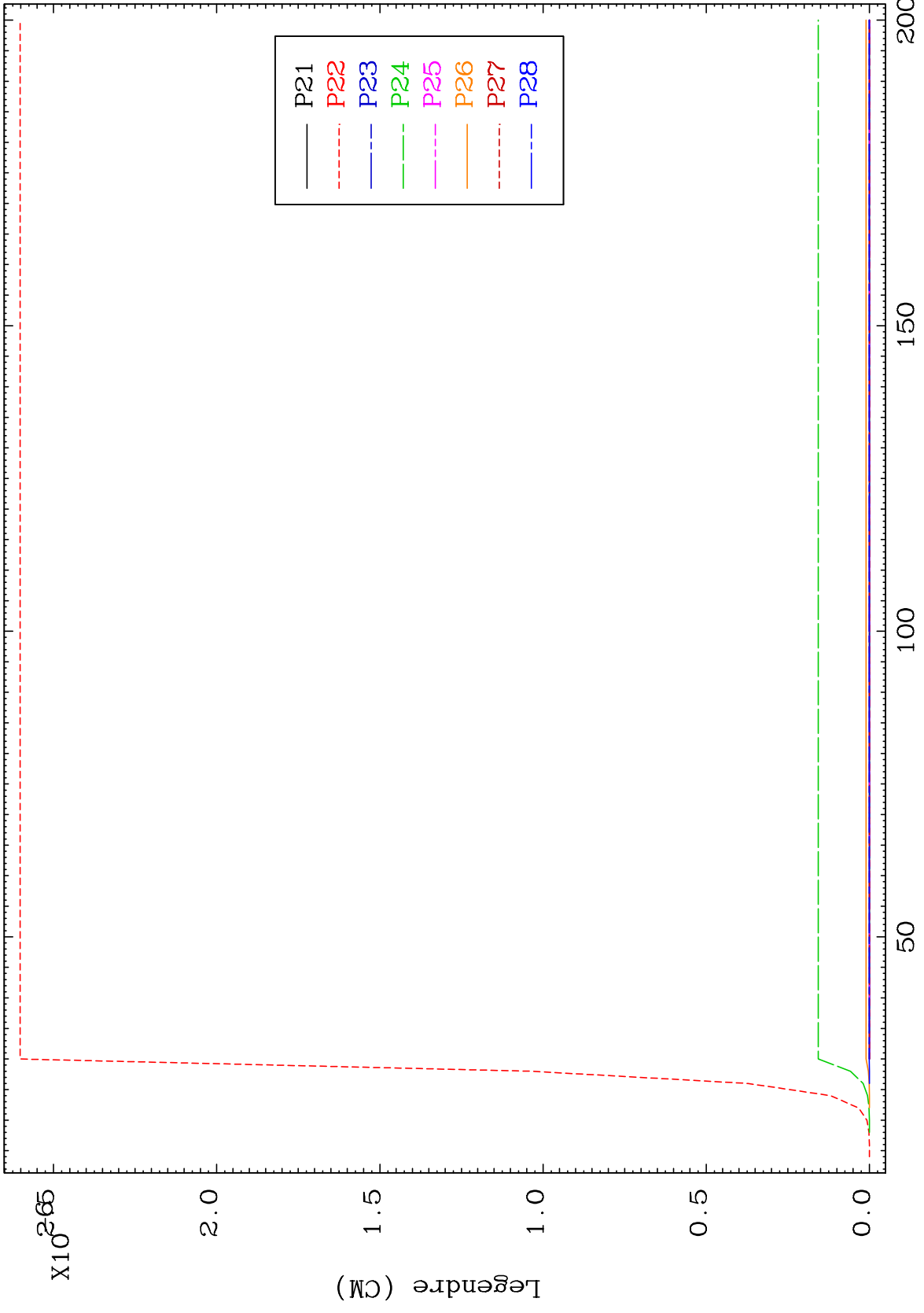
MAT 5055 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-122



73 50-Sn-122



MAT 5055 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-122

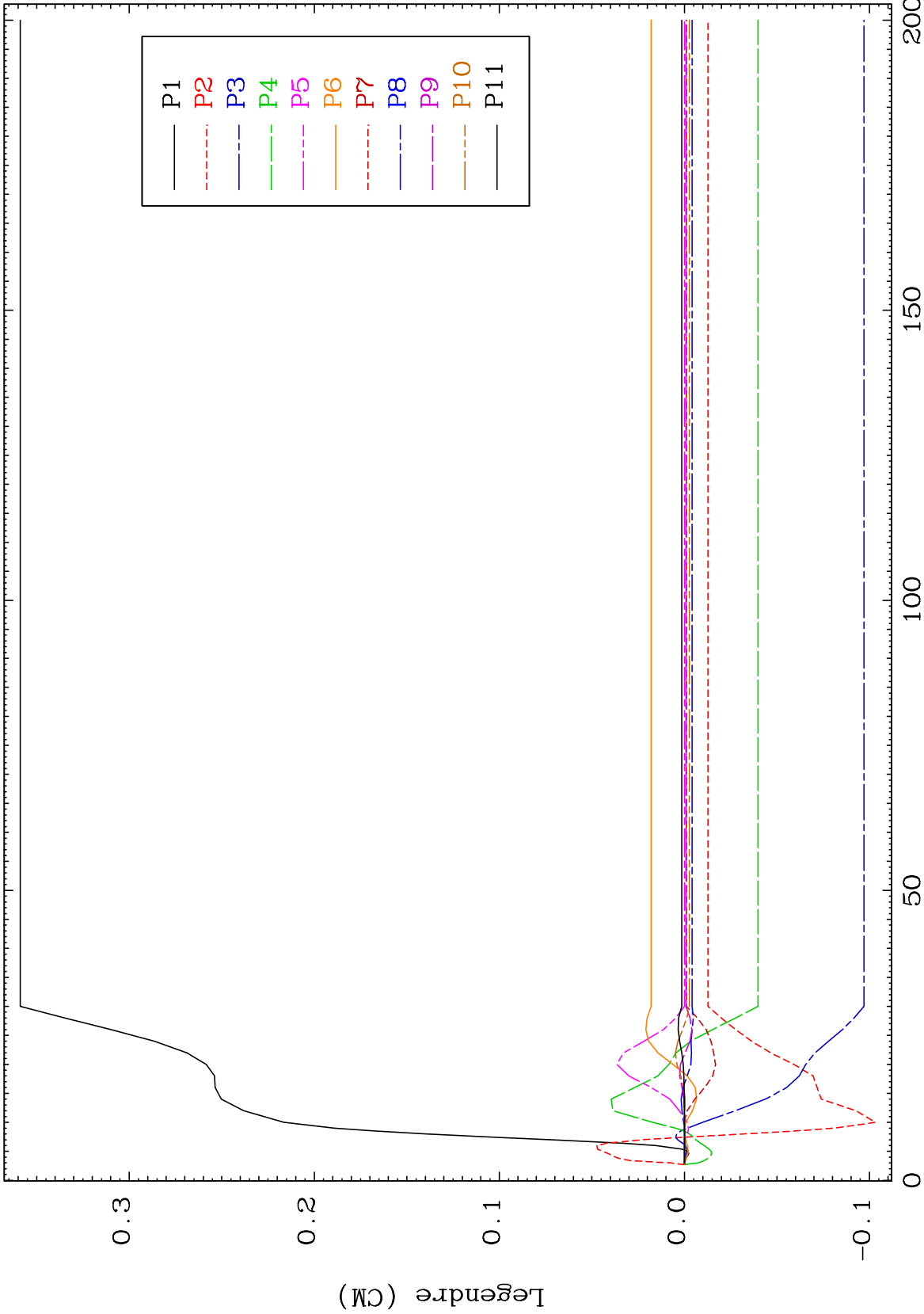


75 50 100 150 200 50-Sn-122

MAT 5055

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

50-Sn-122



76

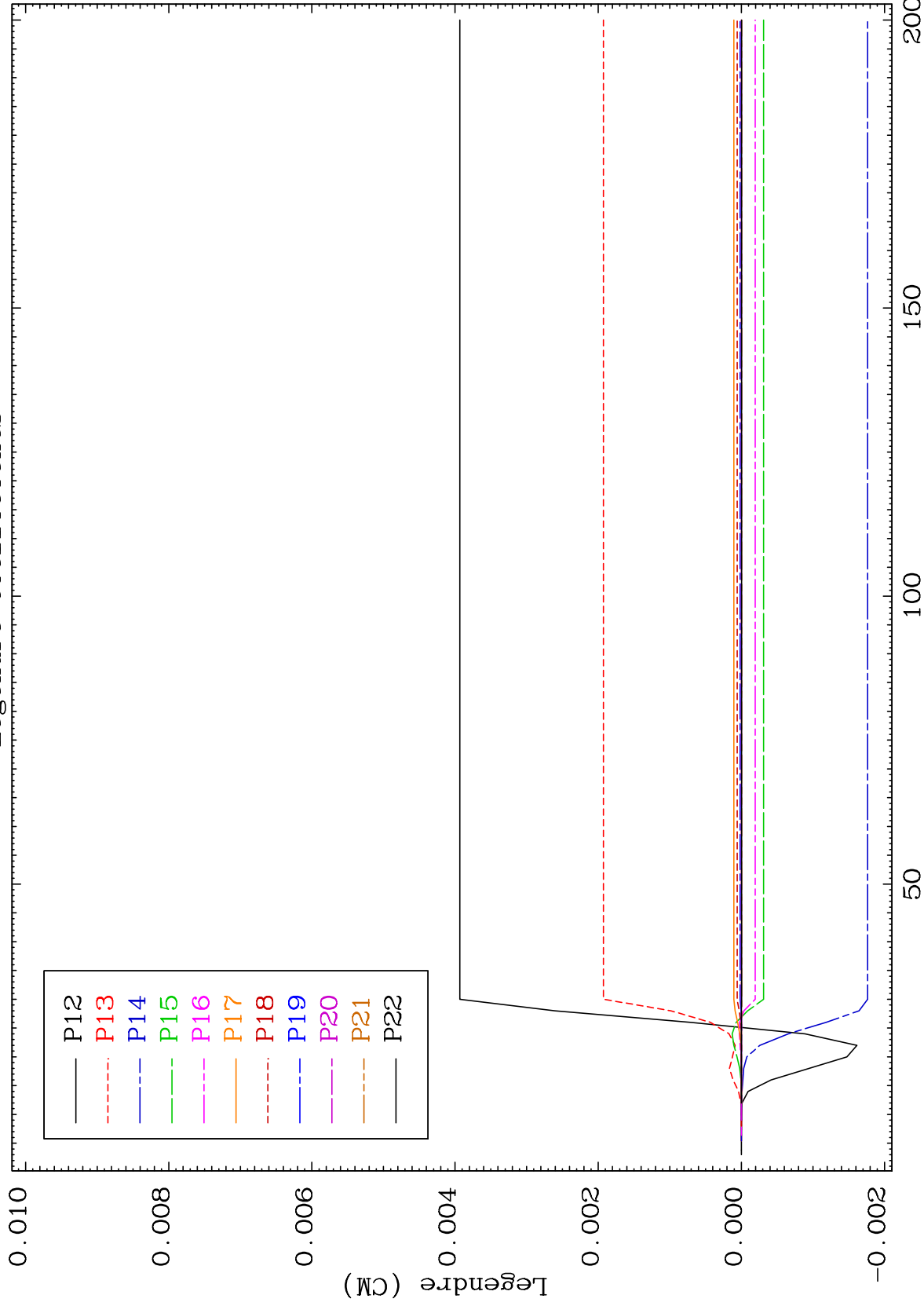
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122

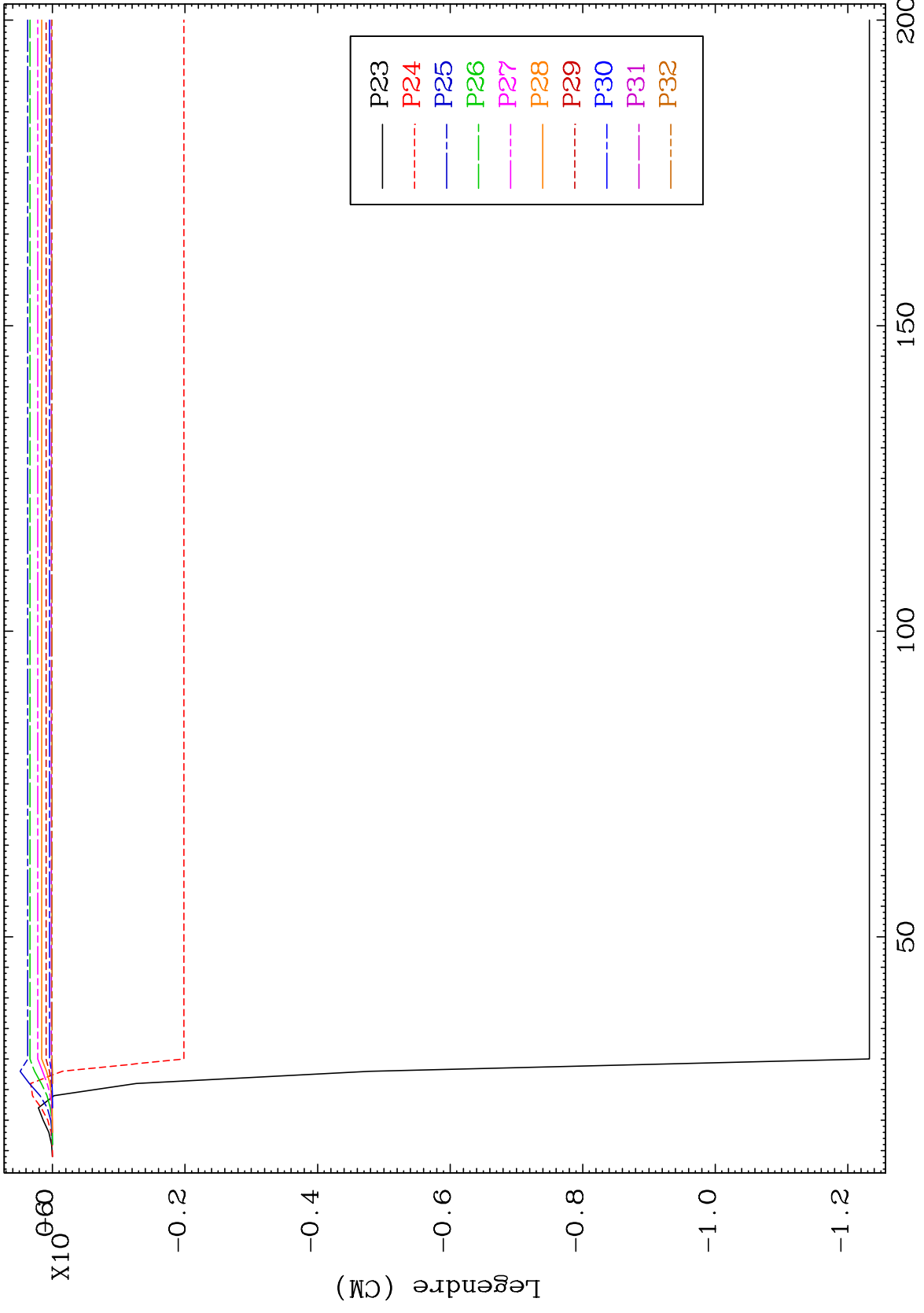


77

Incident Energy (MeV)

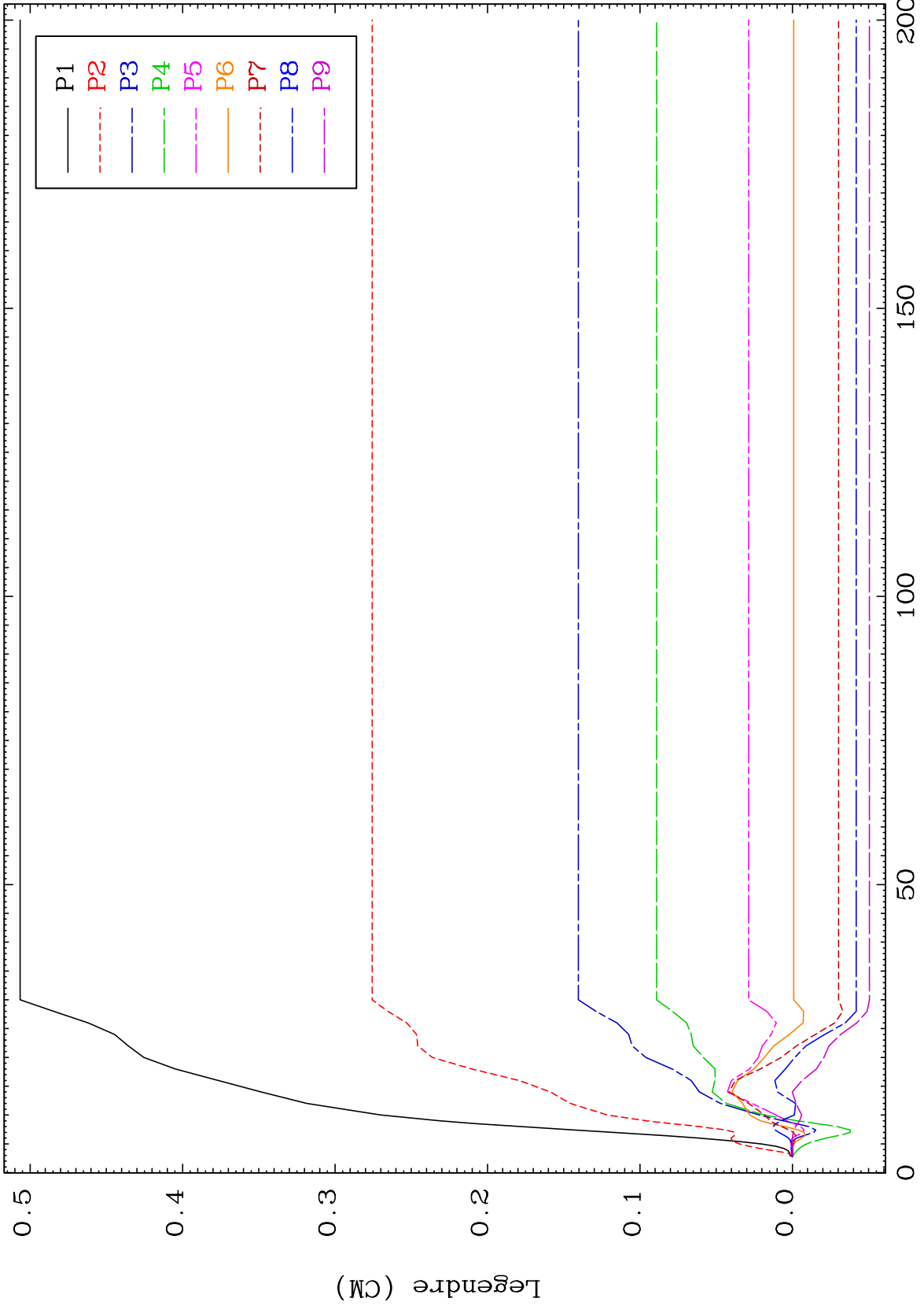
50-Sn-122

MAT 5055 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-122

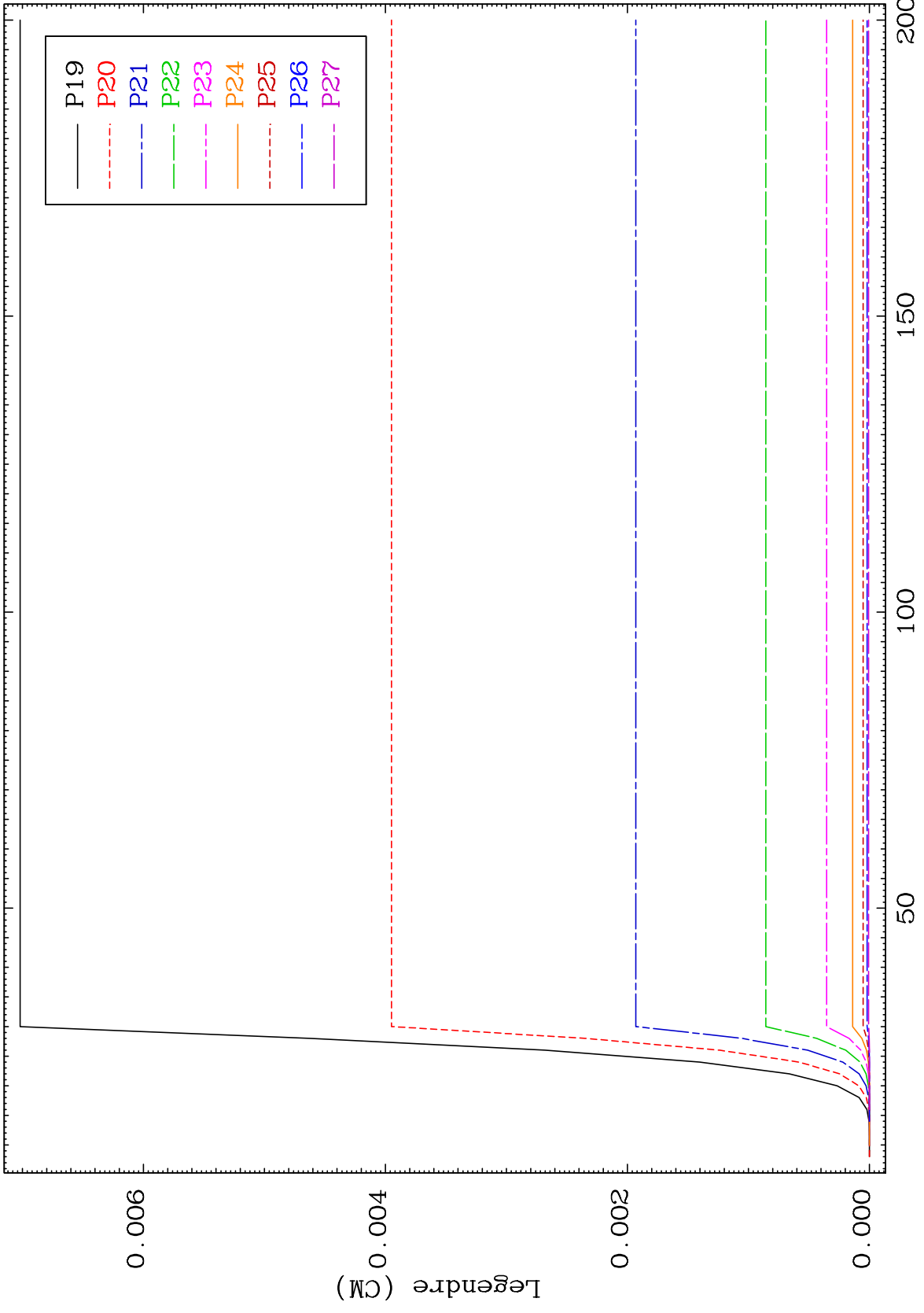


78 Incident Energy (MeV) 50-Sn-122

MAT 5055 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-122



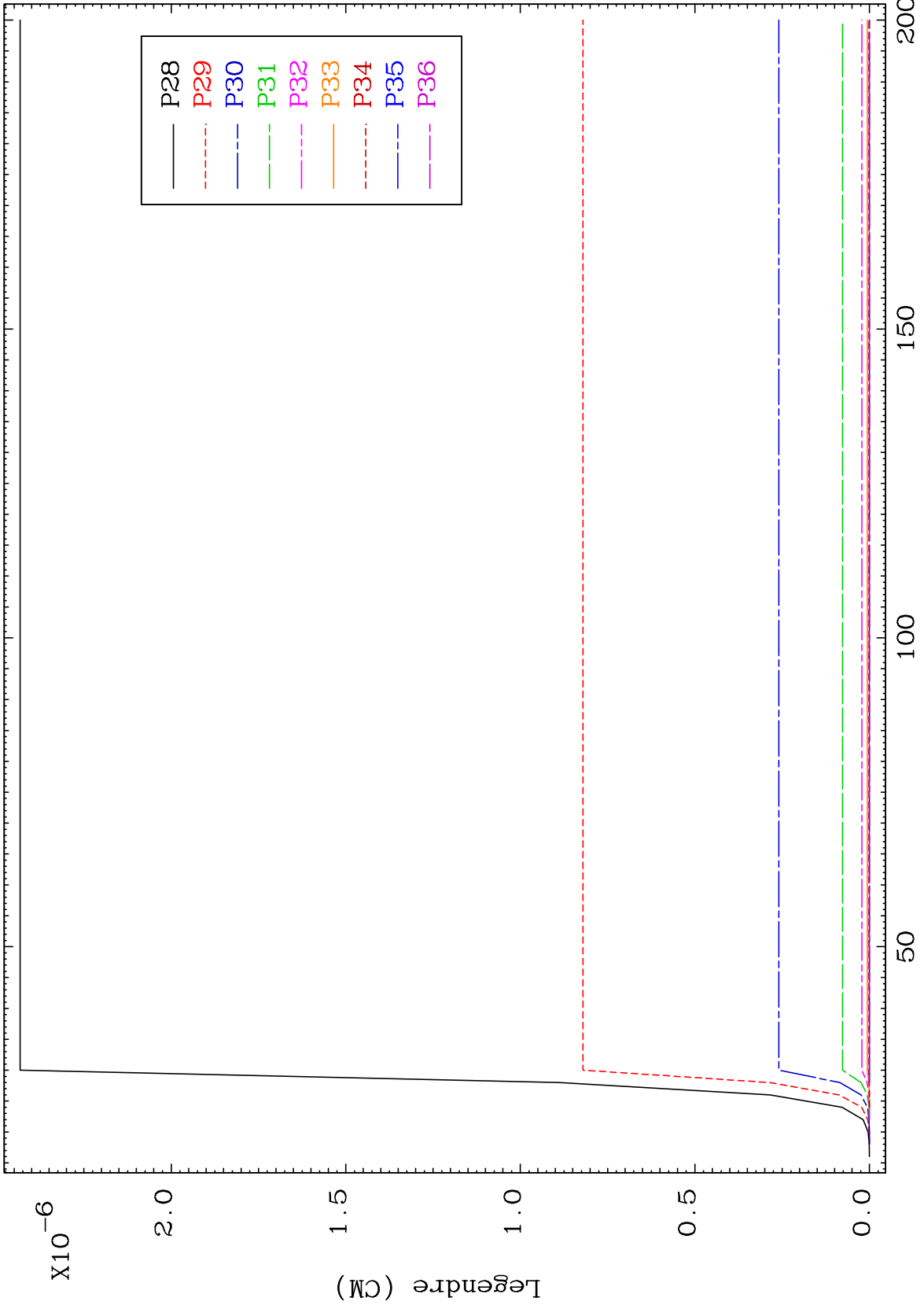




MAT 5055

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

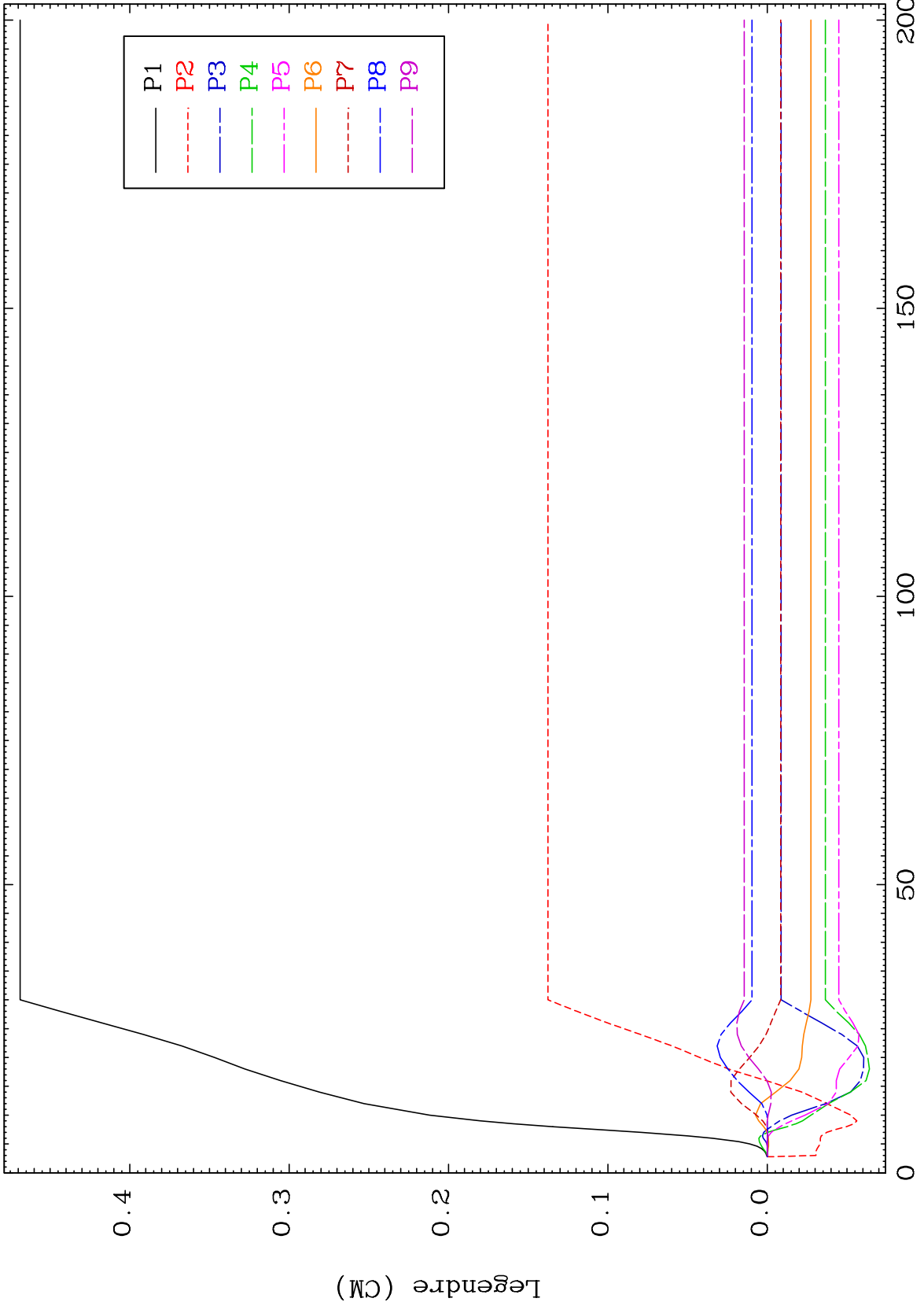
50-Sn-122



82

50-Sn-122

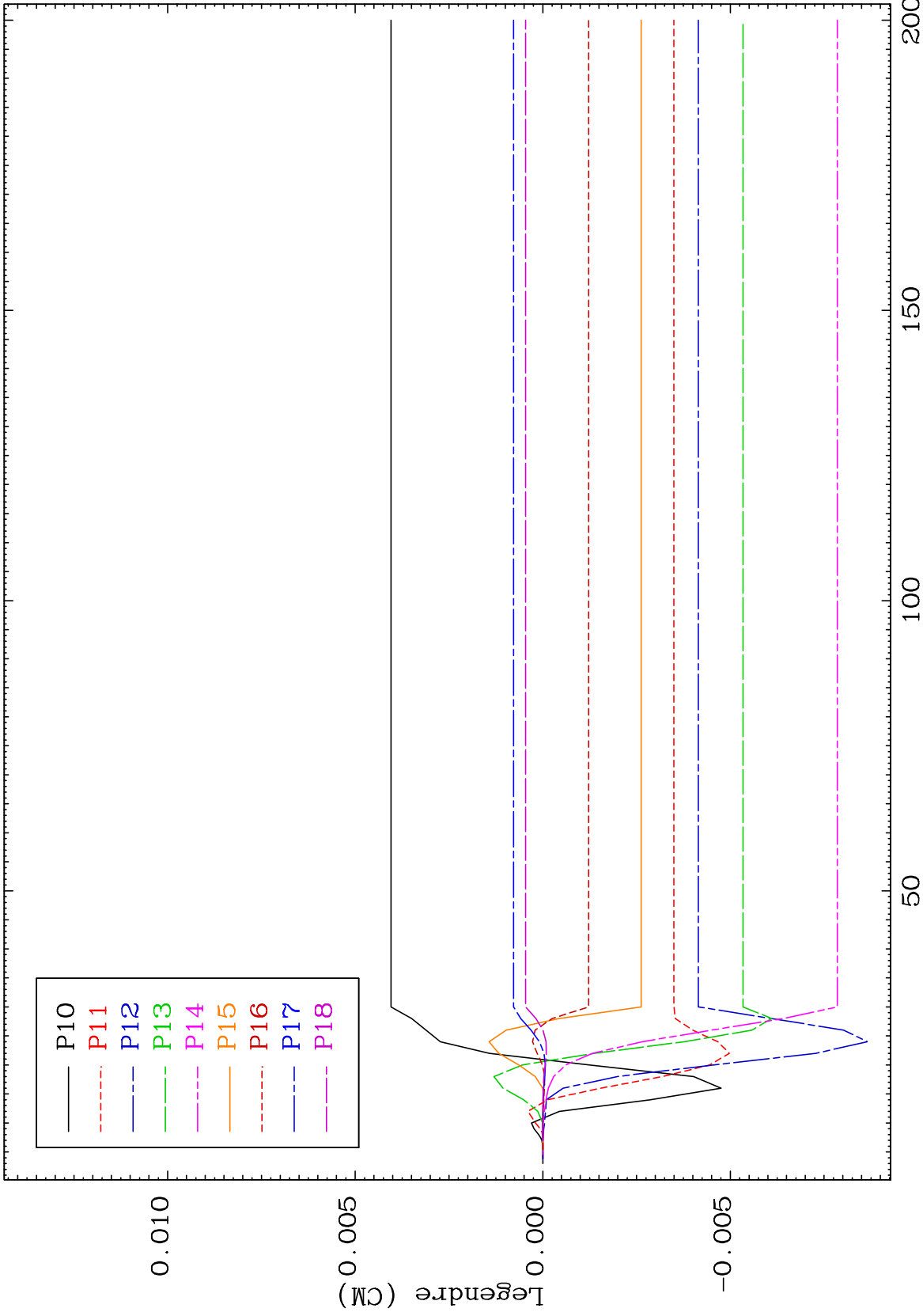
MAT 5055 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-122



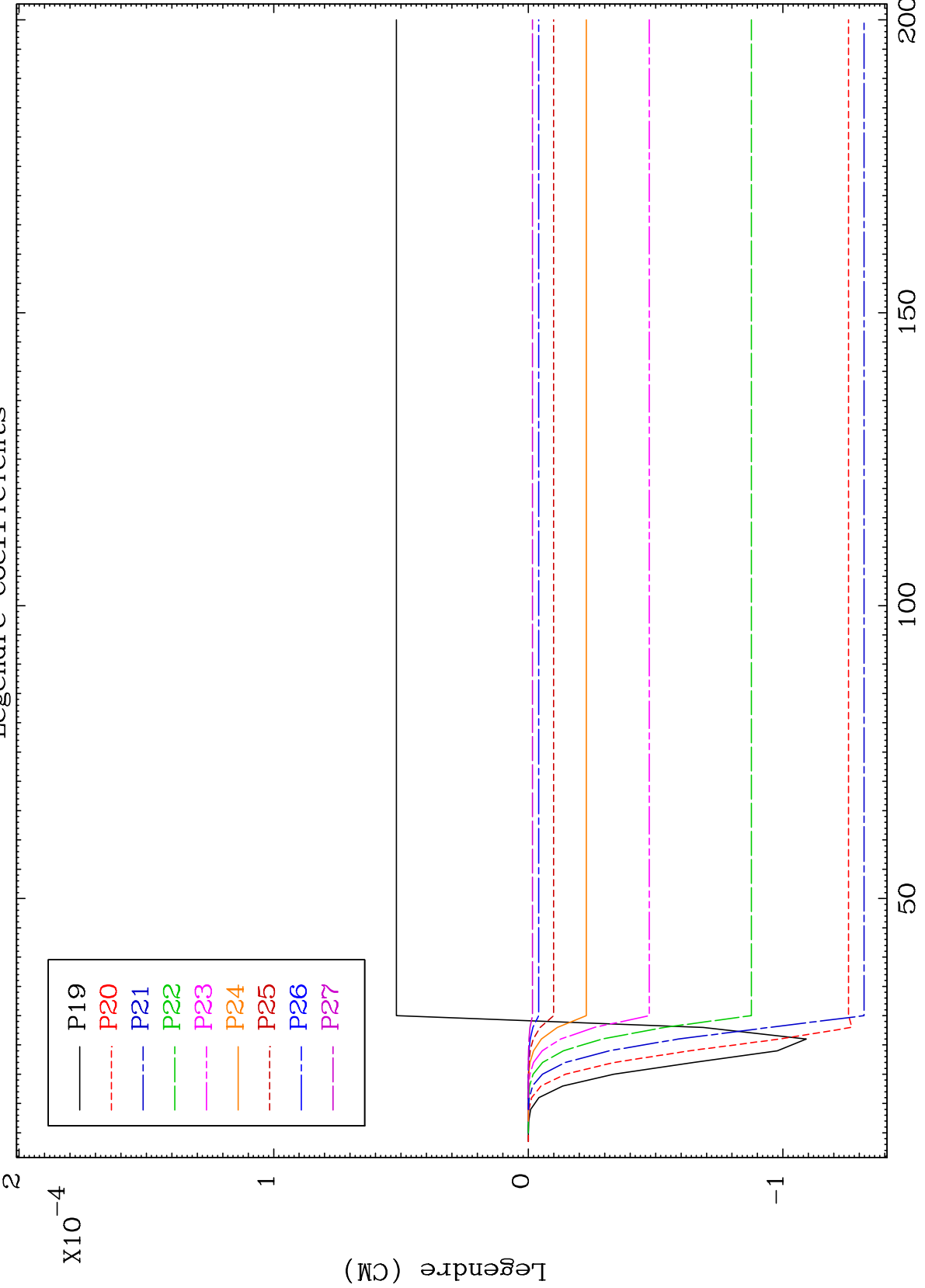
MAT 5055

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

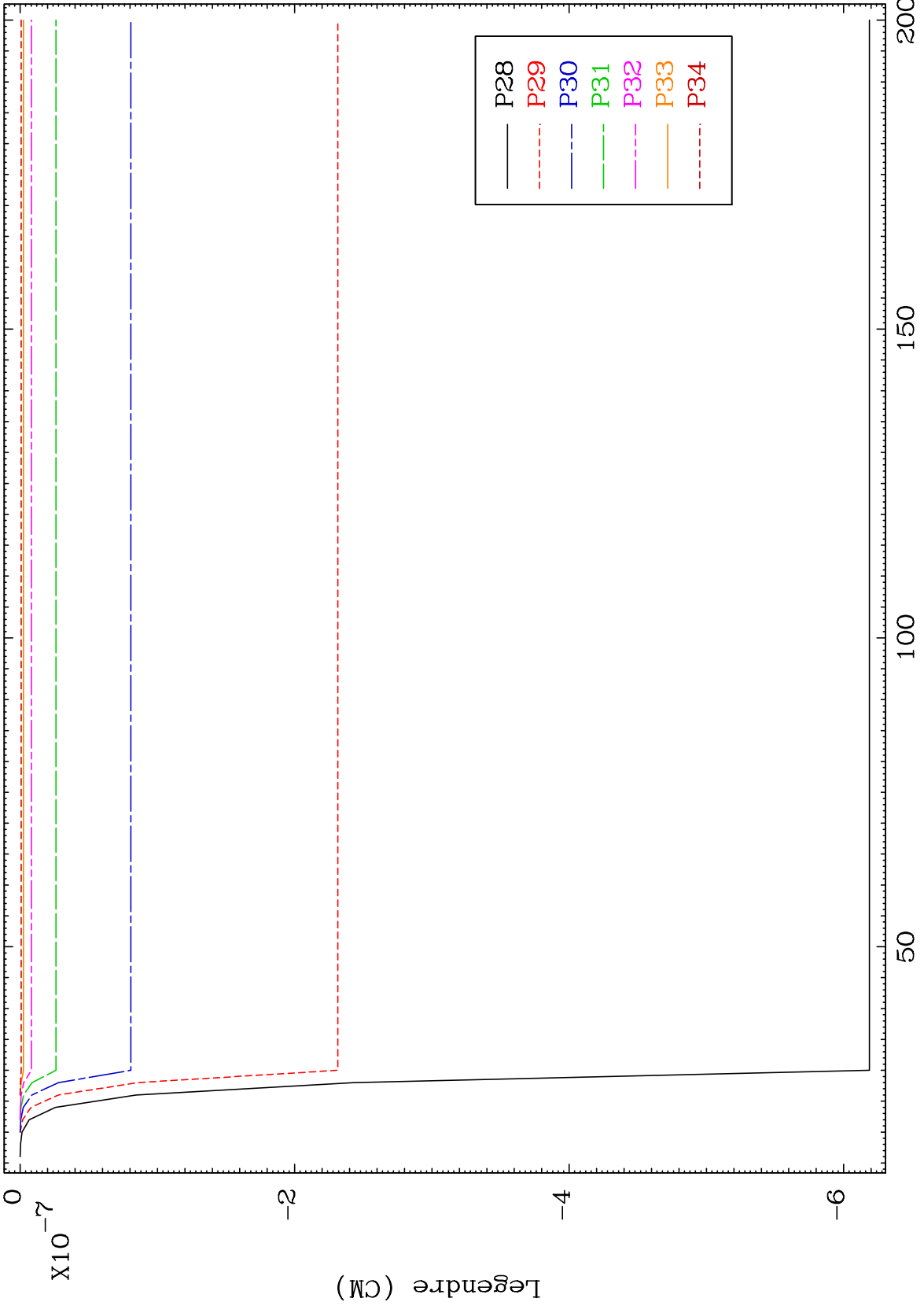
50-Sn-122



MAT 5055 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-122



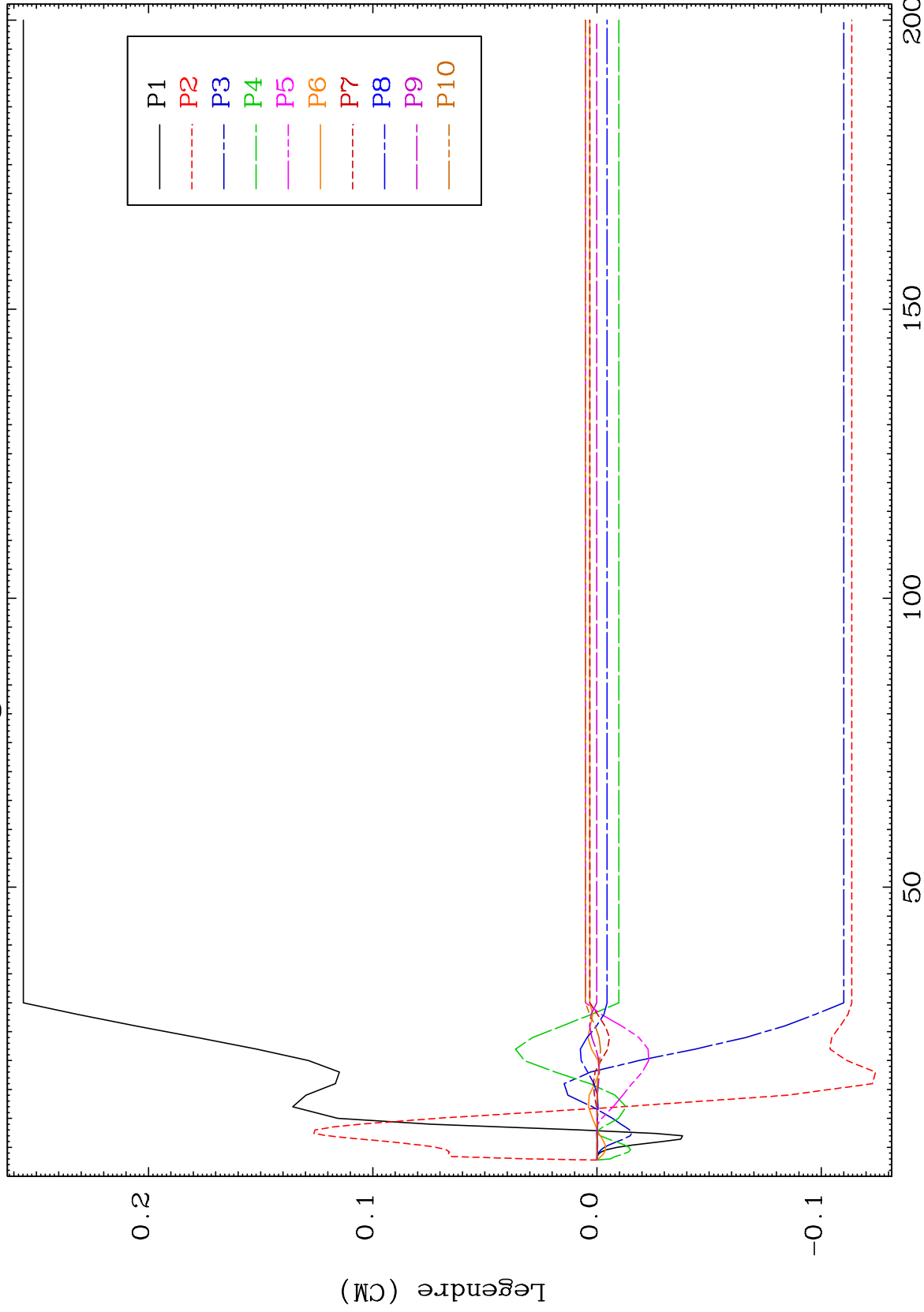
MAT 5055 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055

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

50-Sn-122



87

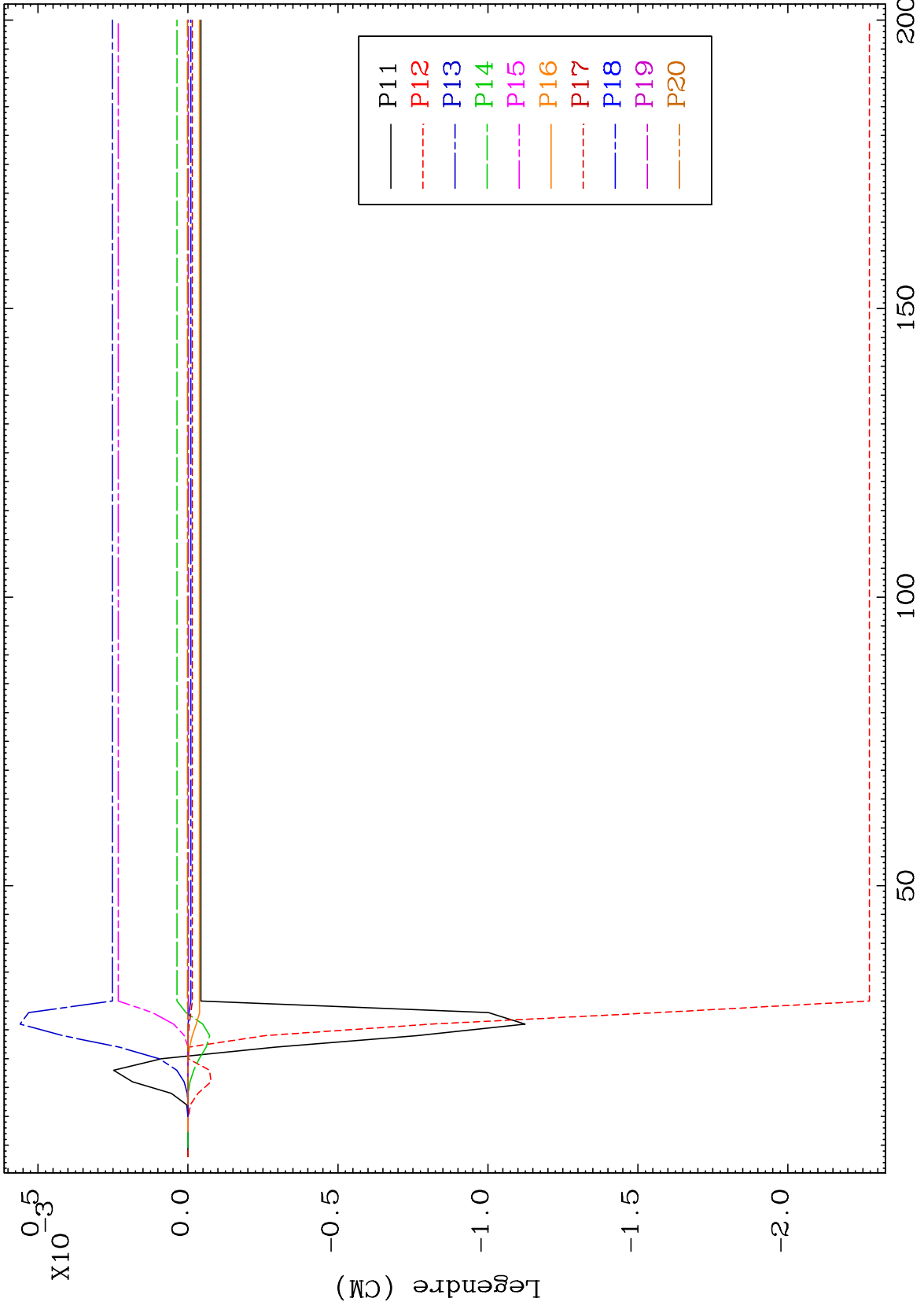
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

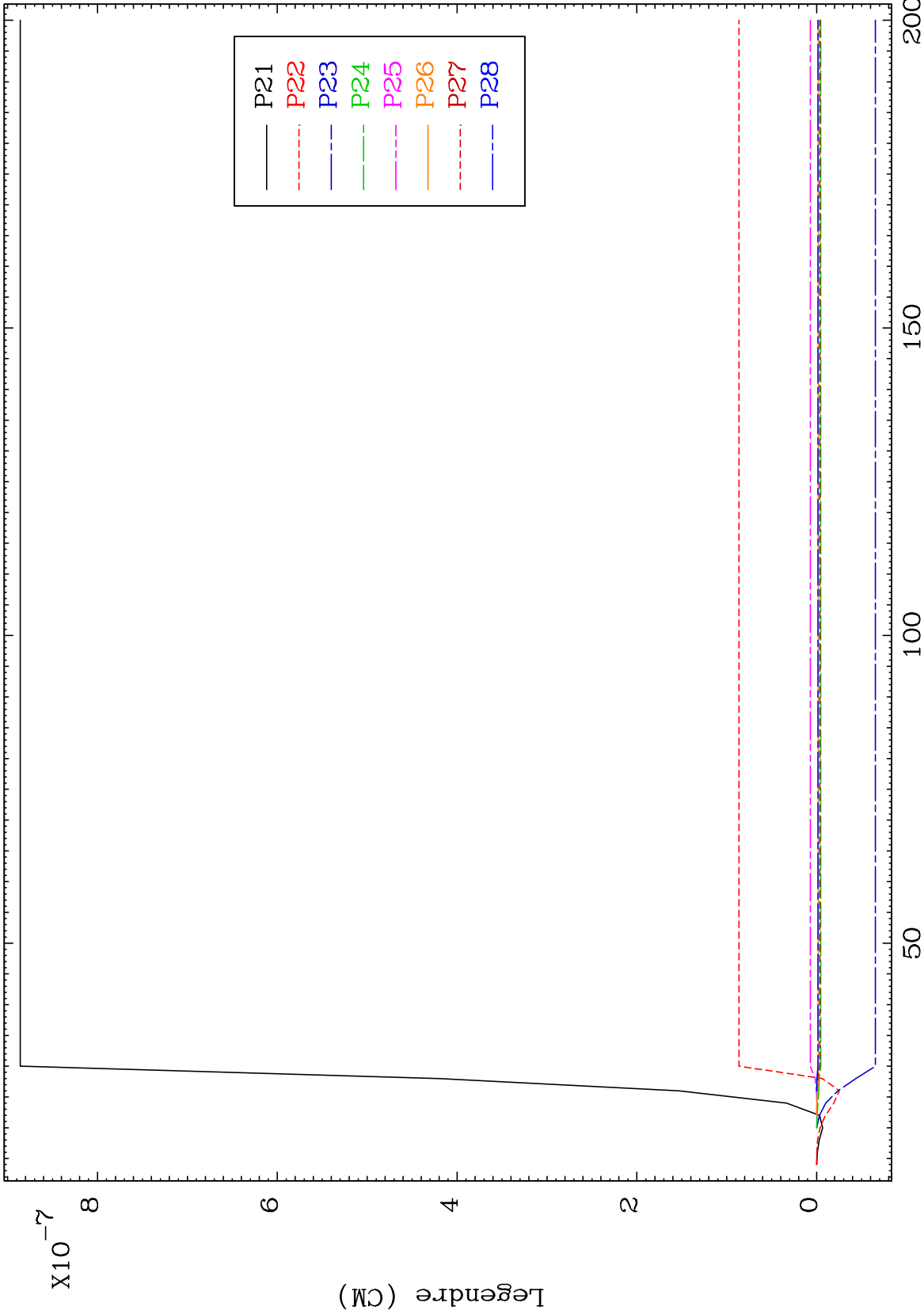
50-Sn-122



MAT 5055

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

50-Sn-122

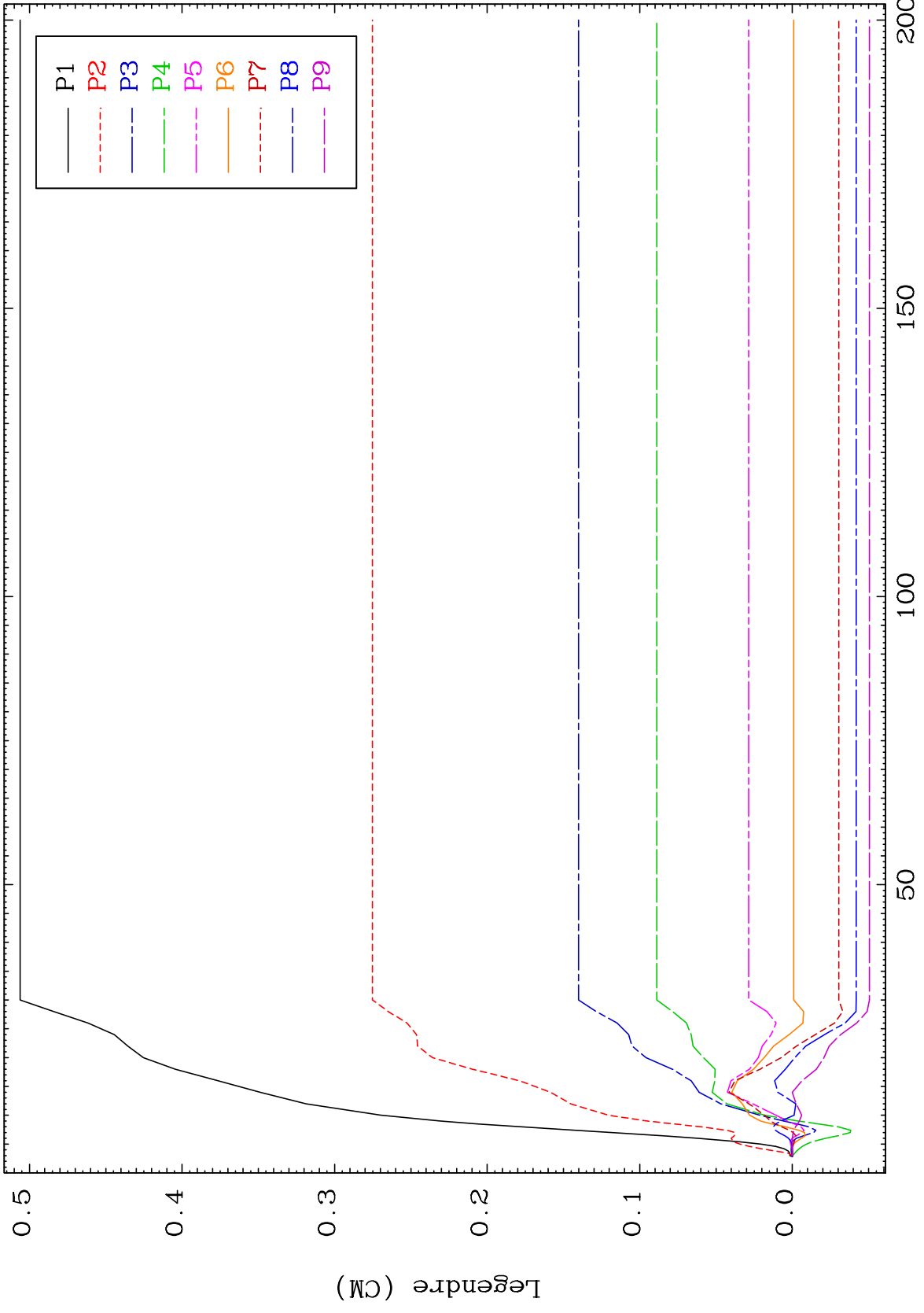


89

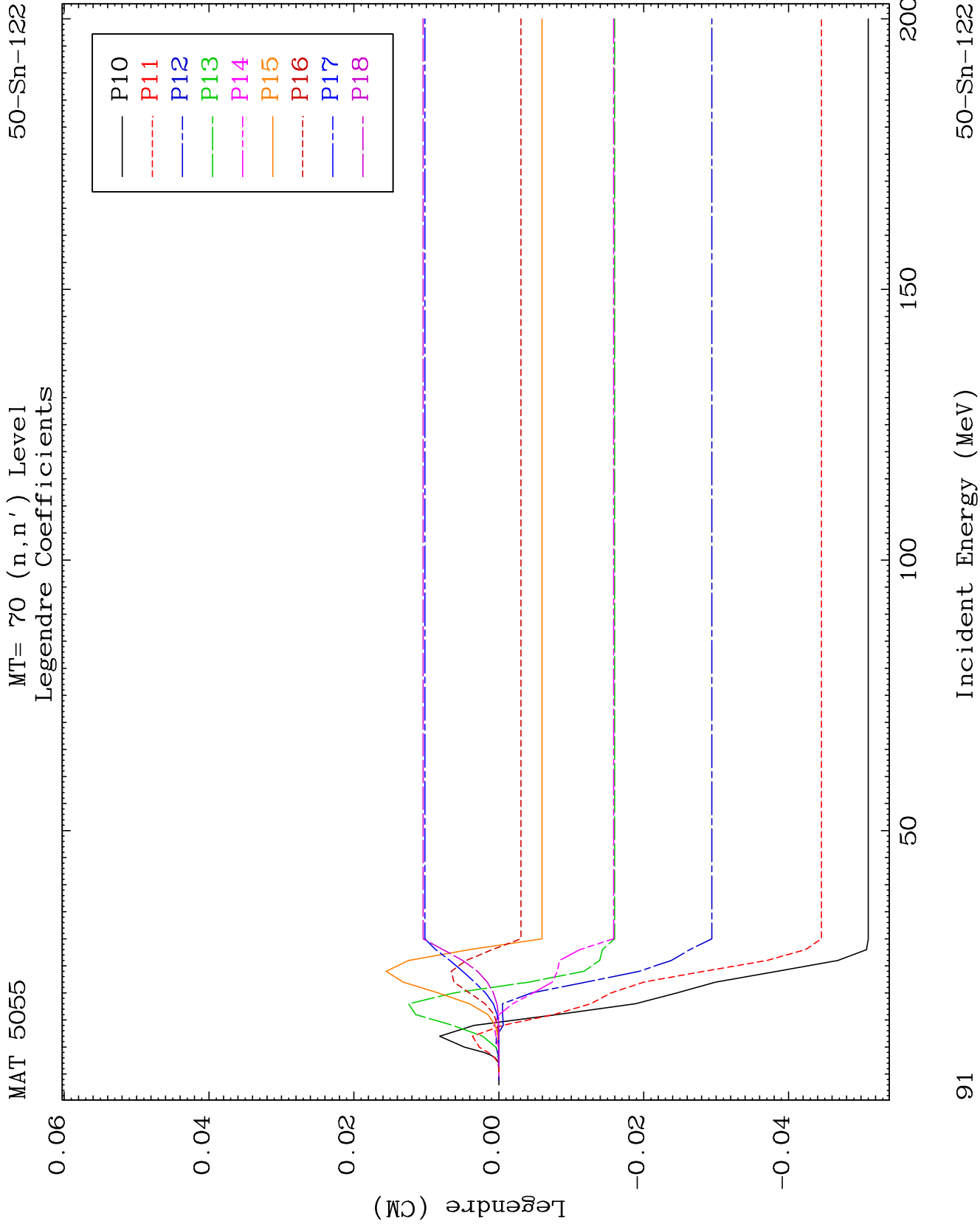
Incident Energy (MeV)

50-Sn-122

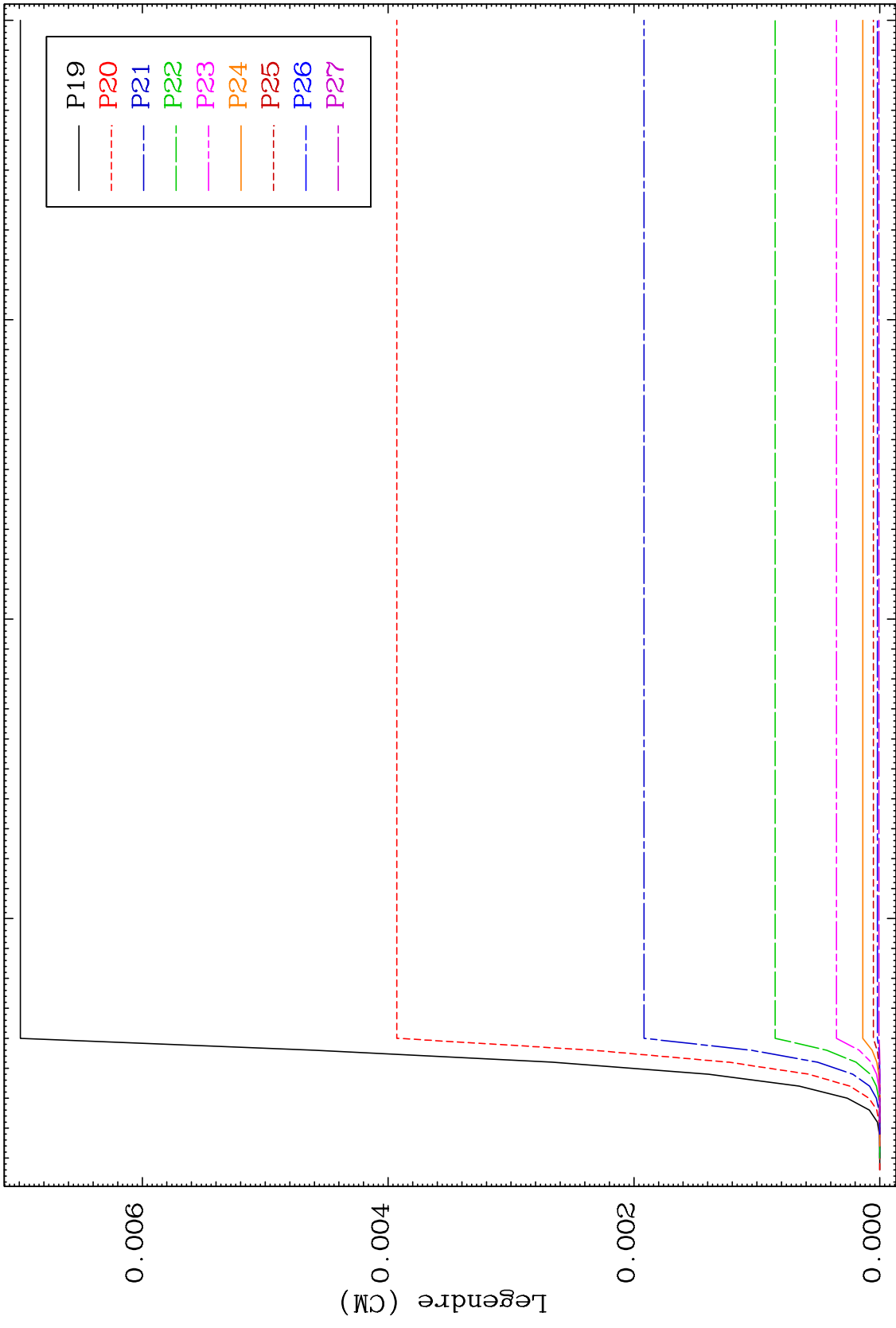
MAT 5055 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-122



90 50 100 150 200 Incident Energy (MeV) 50-Sn-122



MAT 5055 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-122

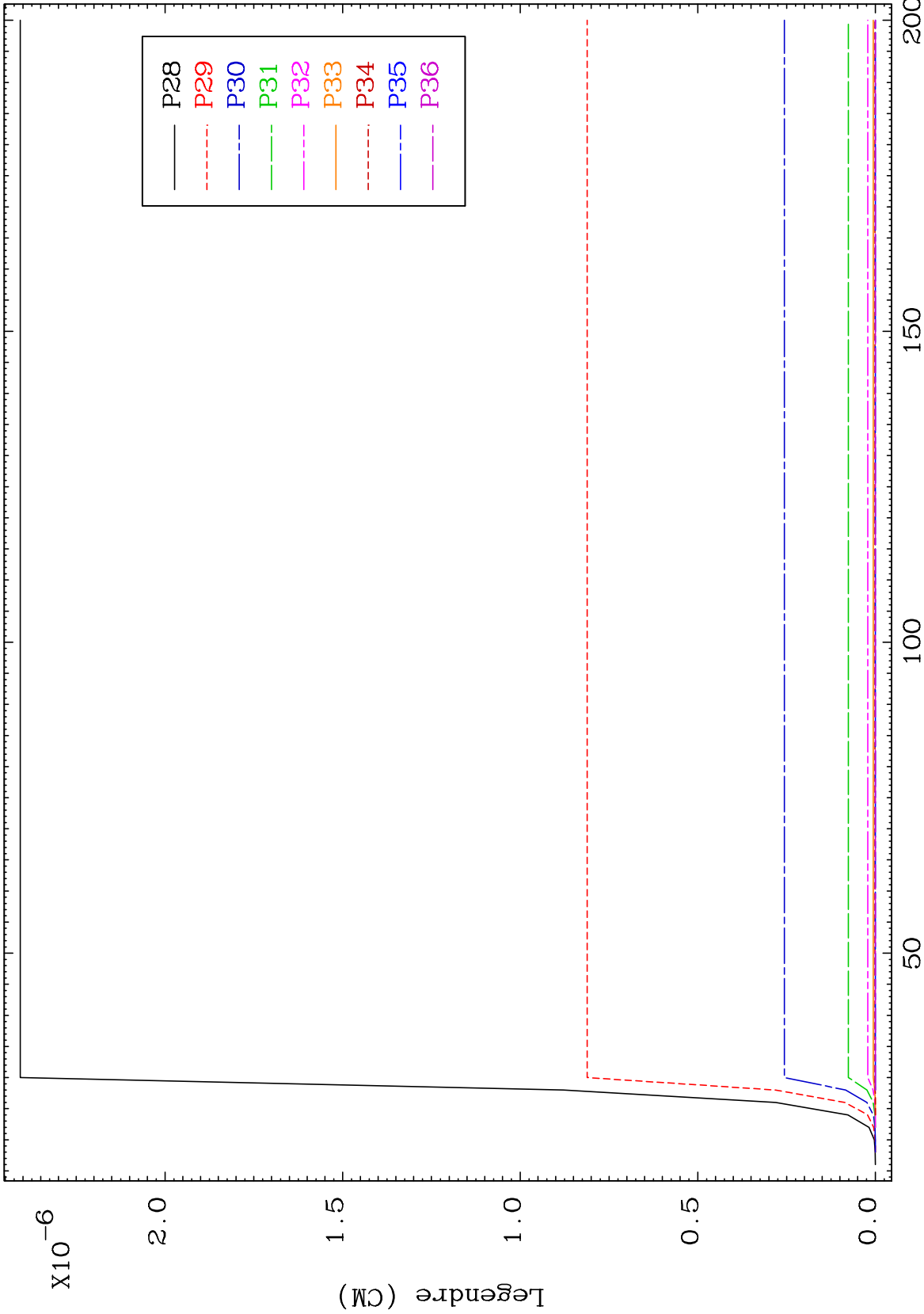


92 50-Sn-122

MAT 5055

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

50-Sn-122



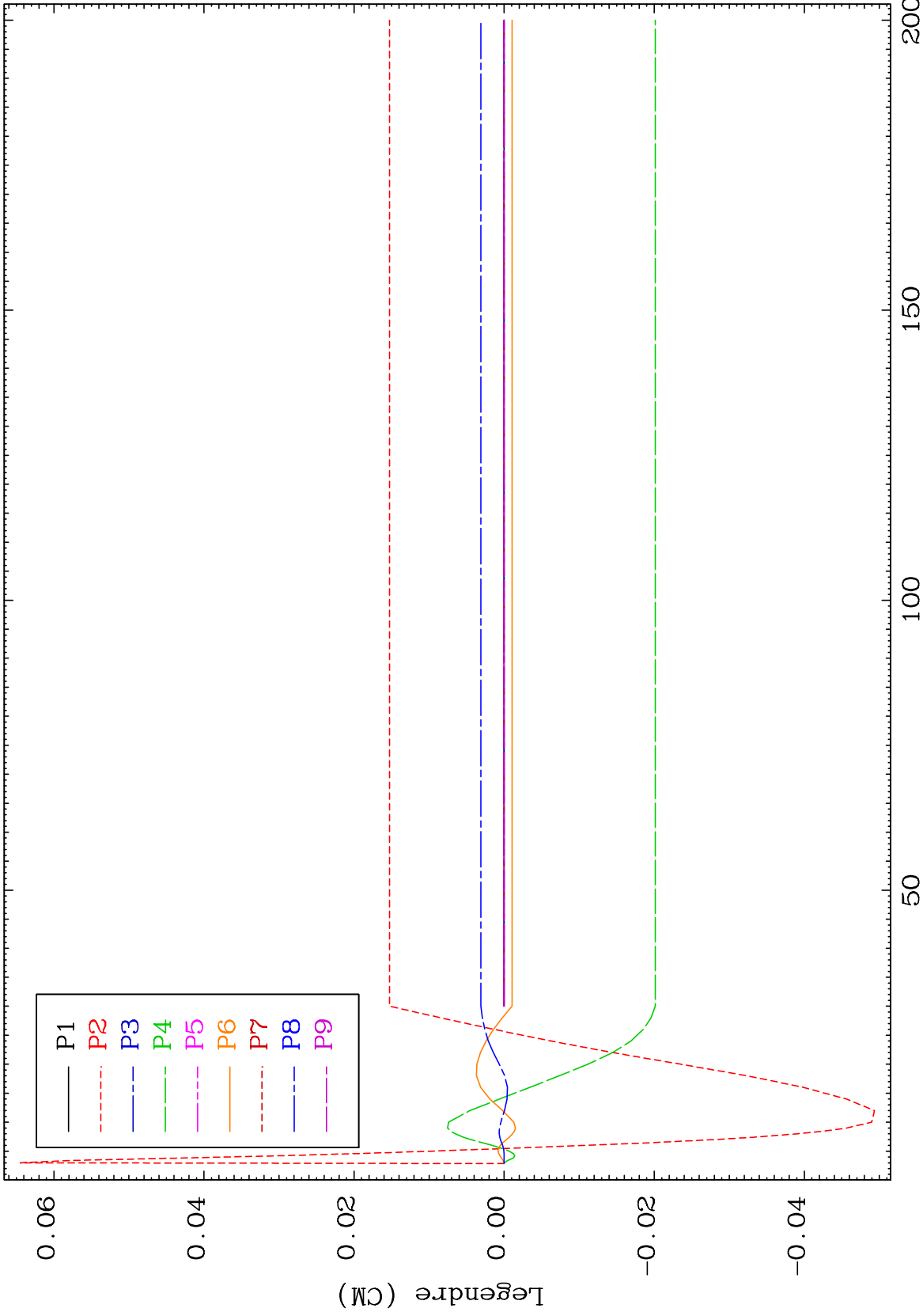
93

50-Sn-122

MAT 5055

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

50-Sn-122



94

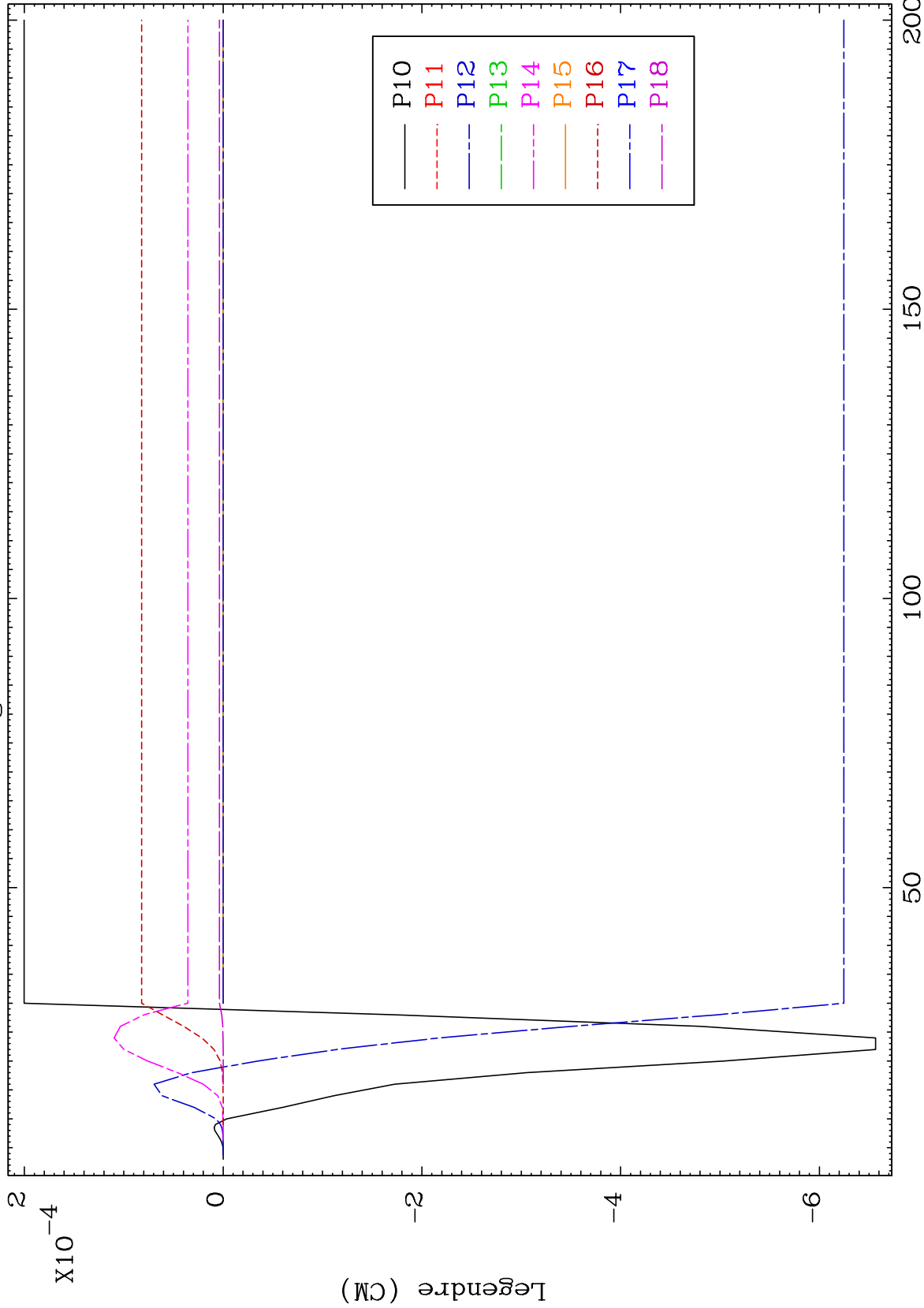
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122

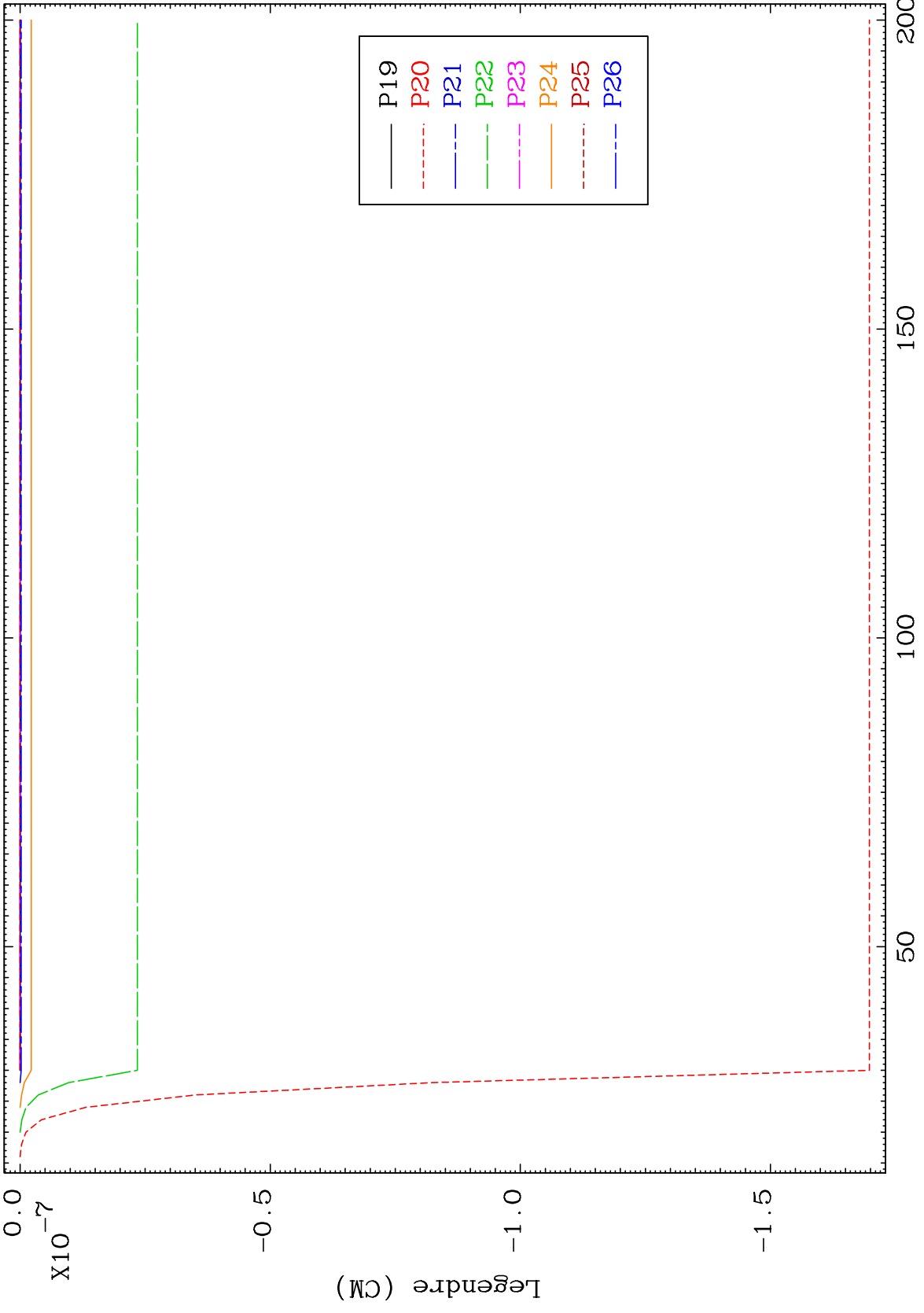


95

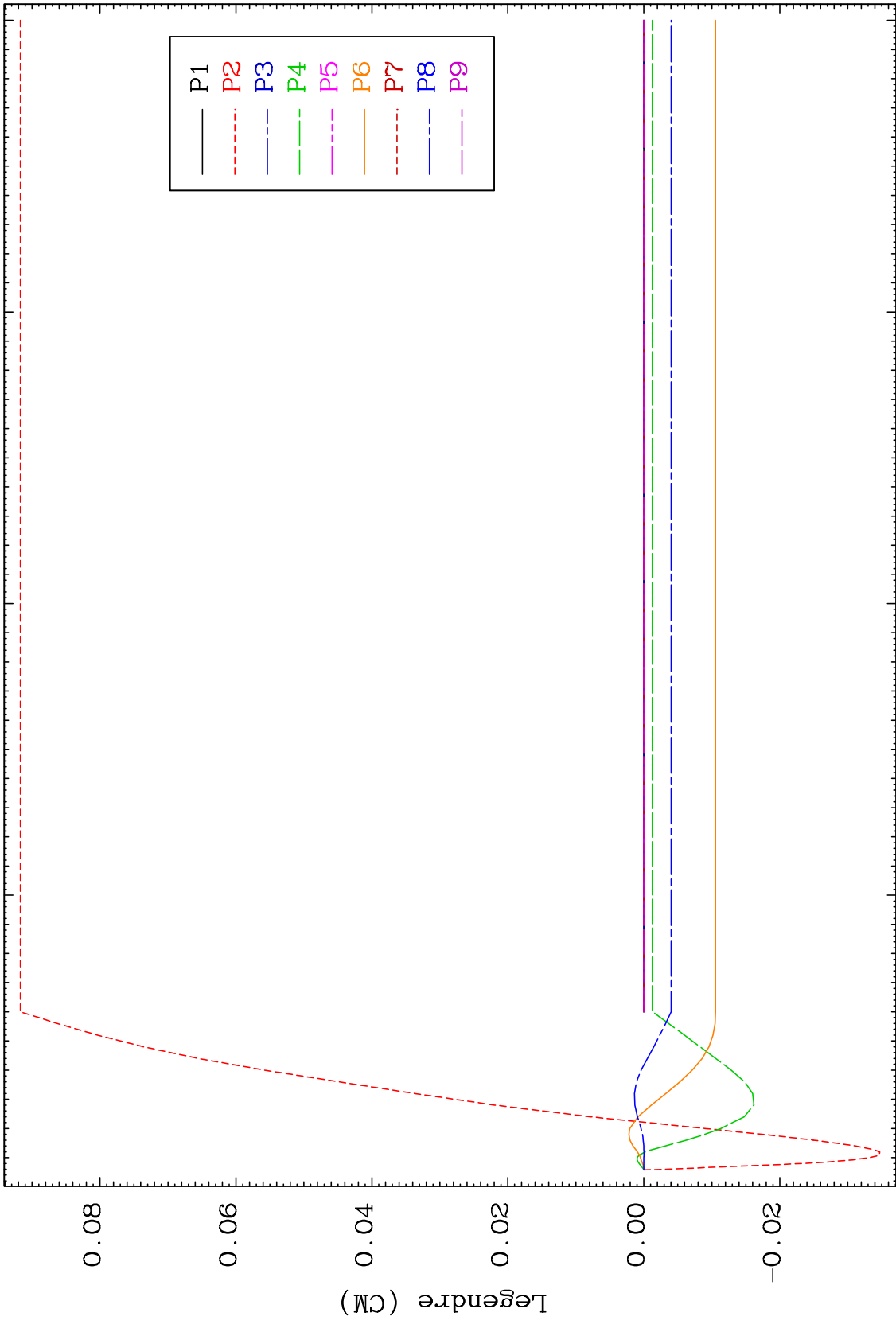
Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-122



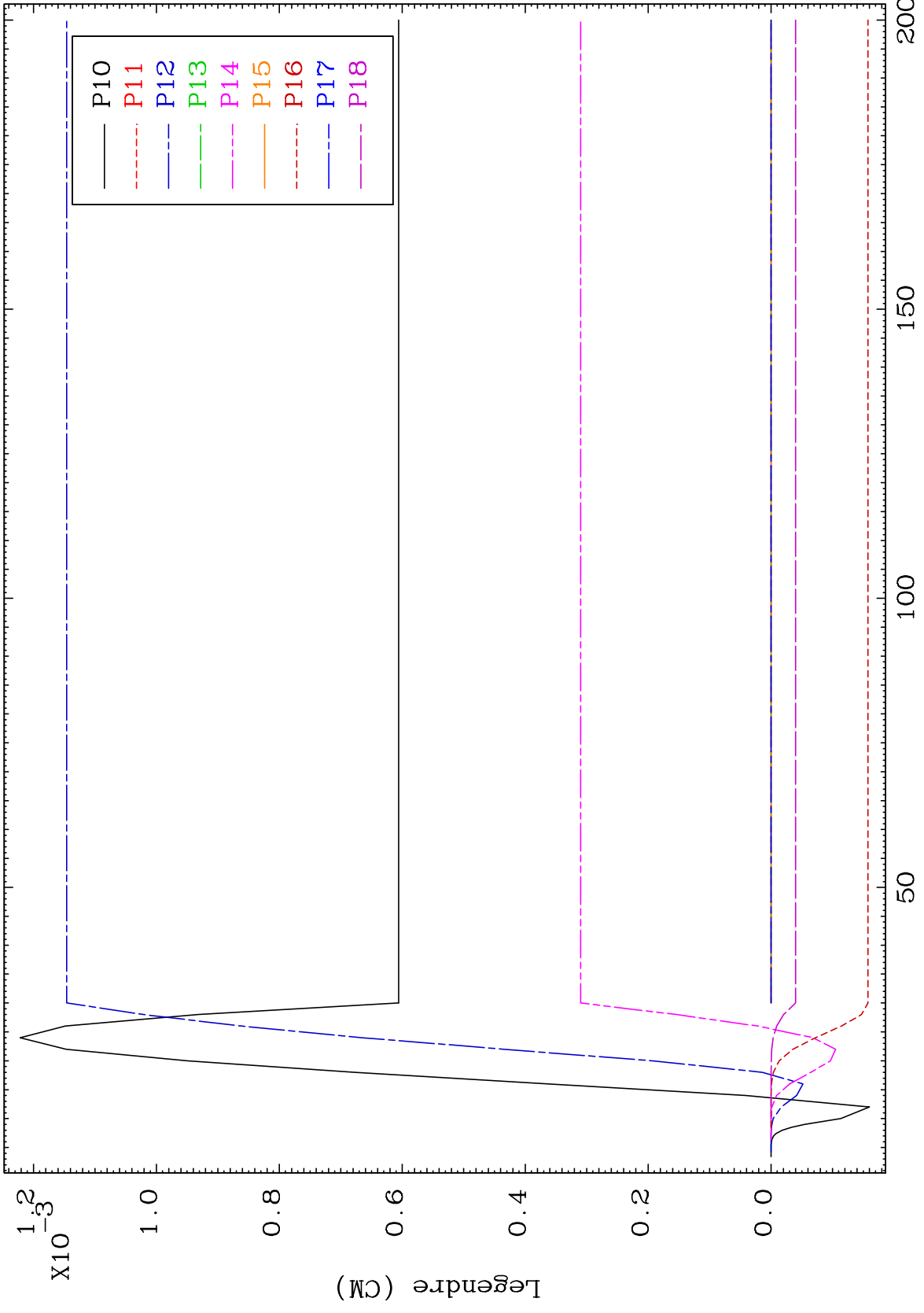
MAT 5055 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055

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

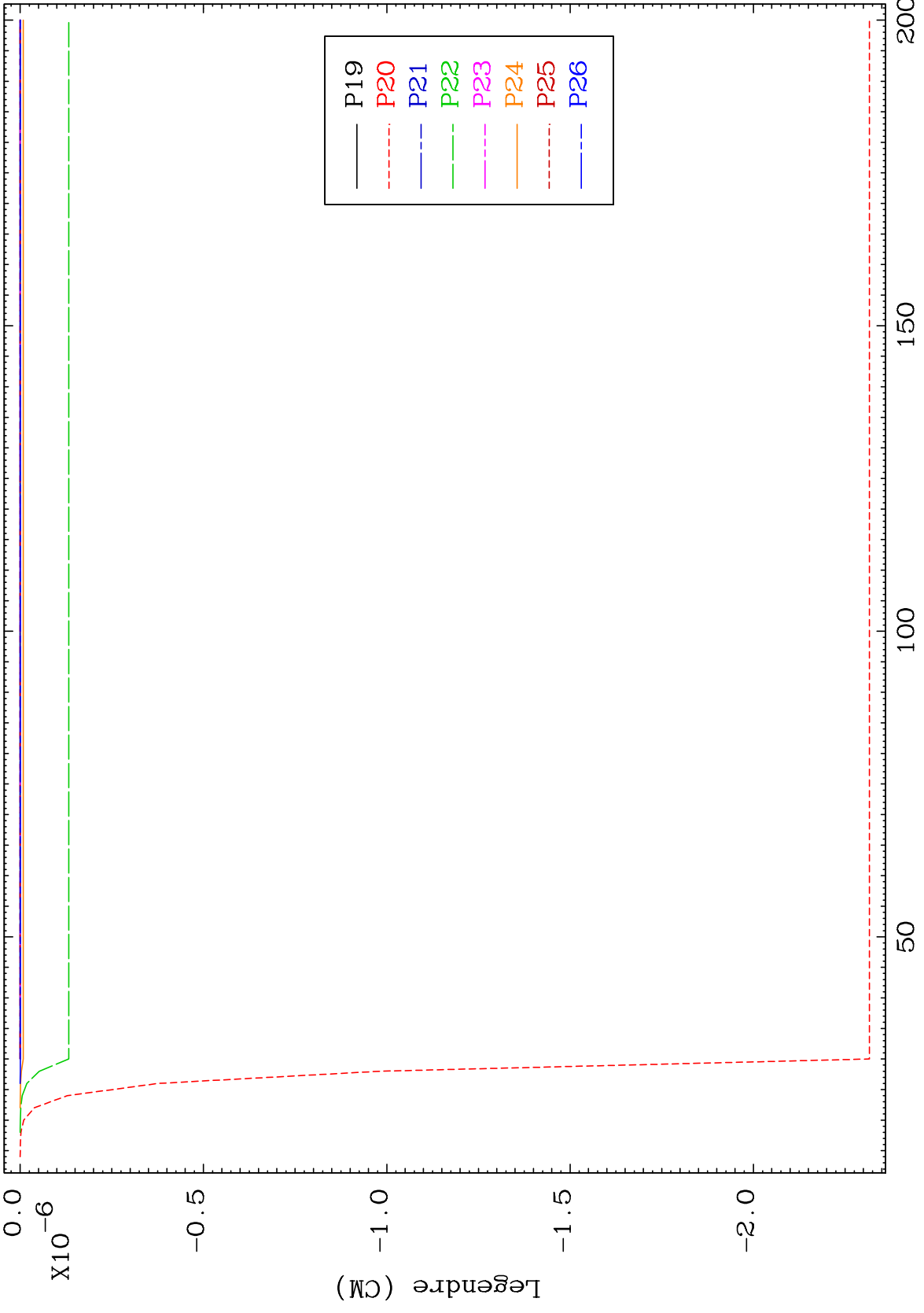
50-Sn-122



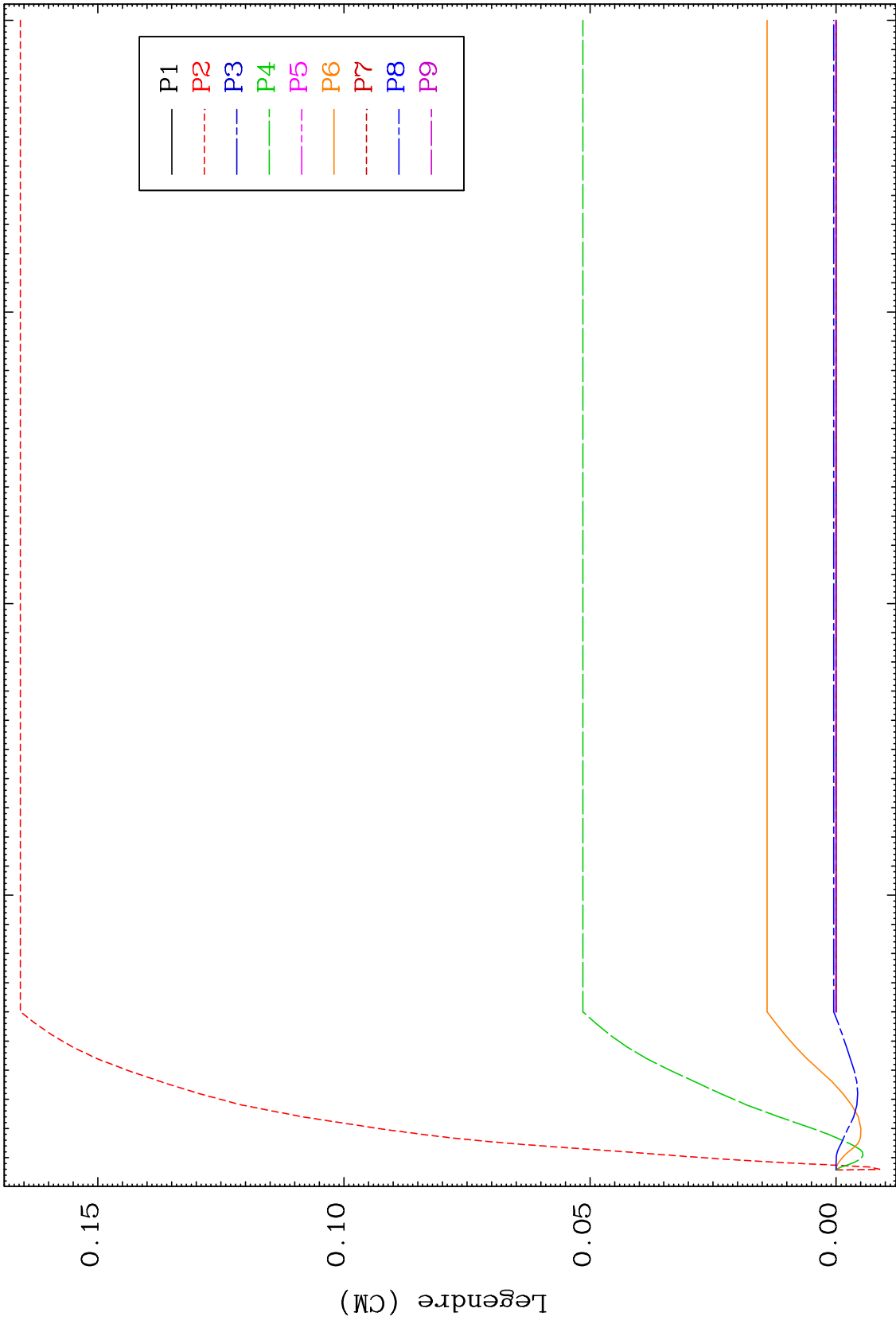
98

50-Sn-122

MAT 5055 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-122

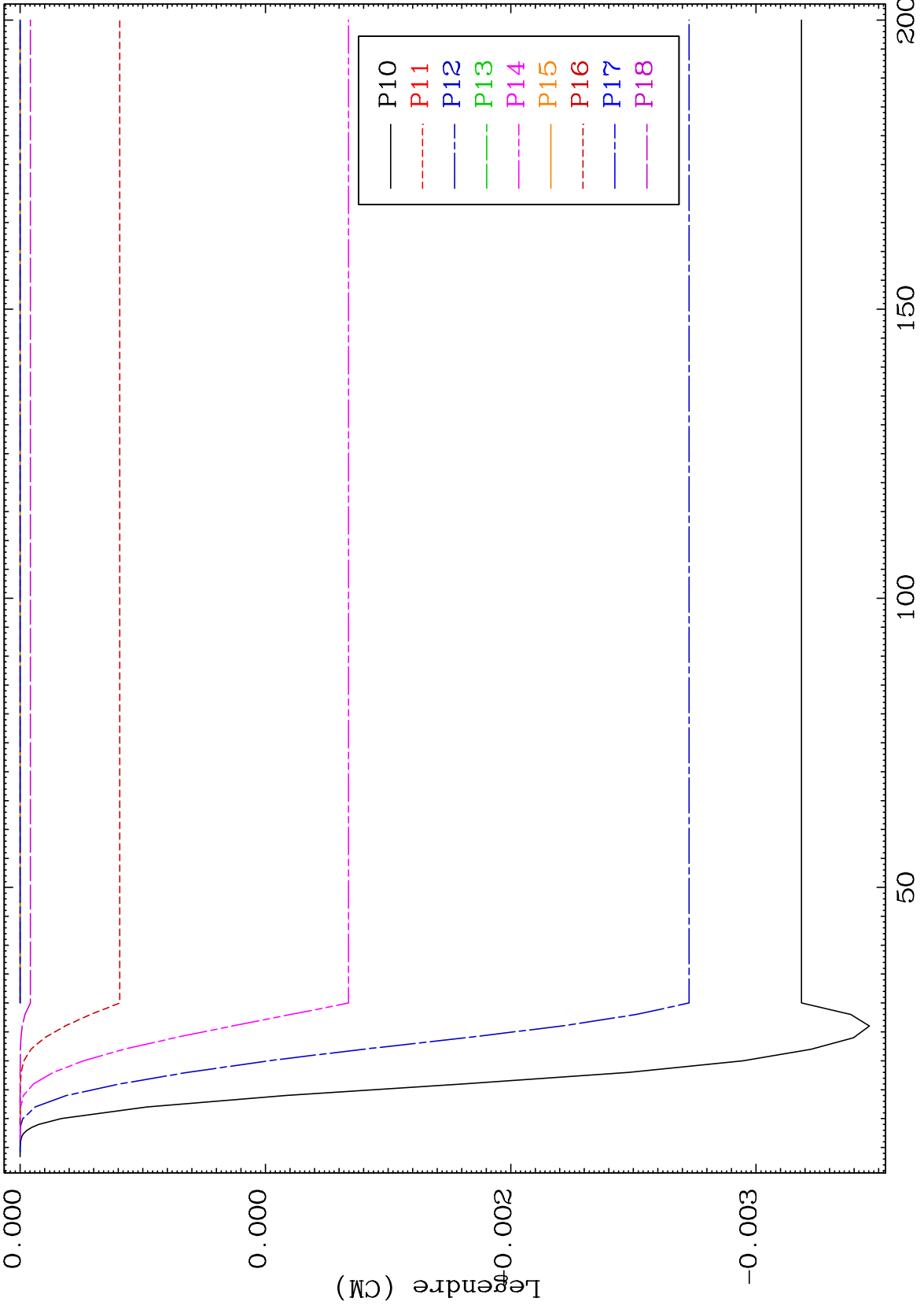


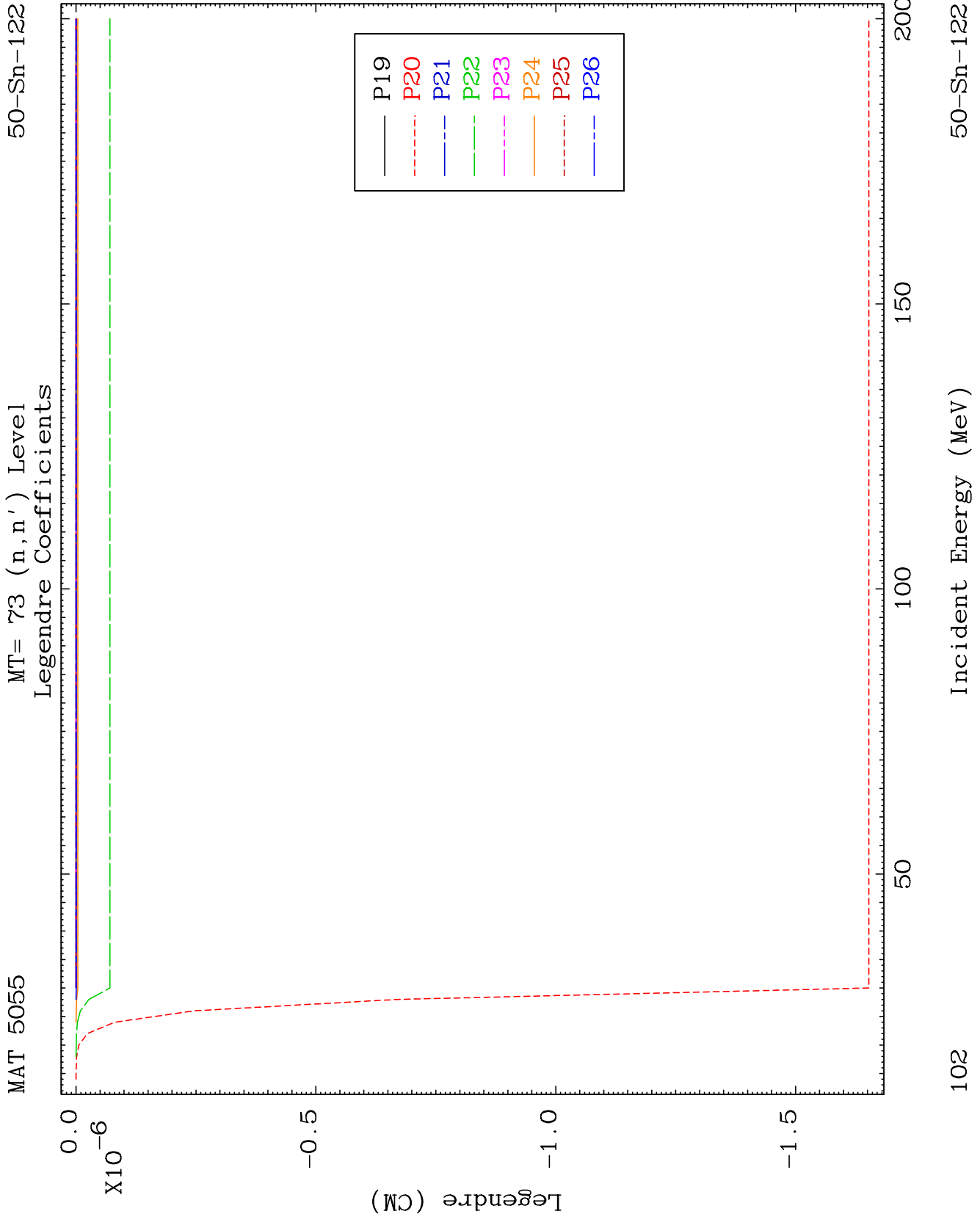
MAT 5055 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-122



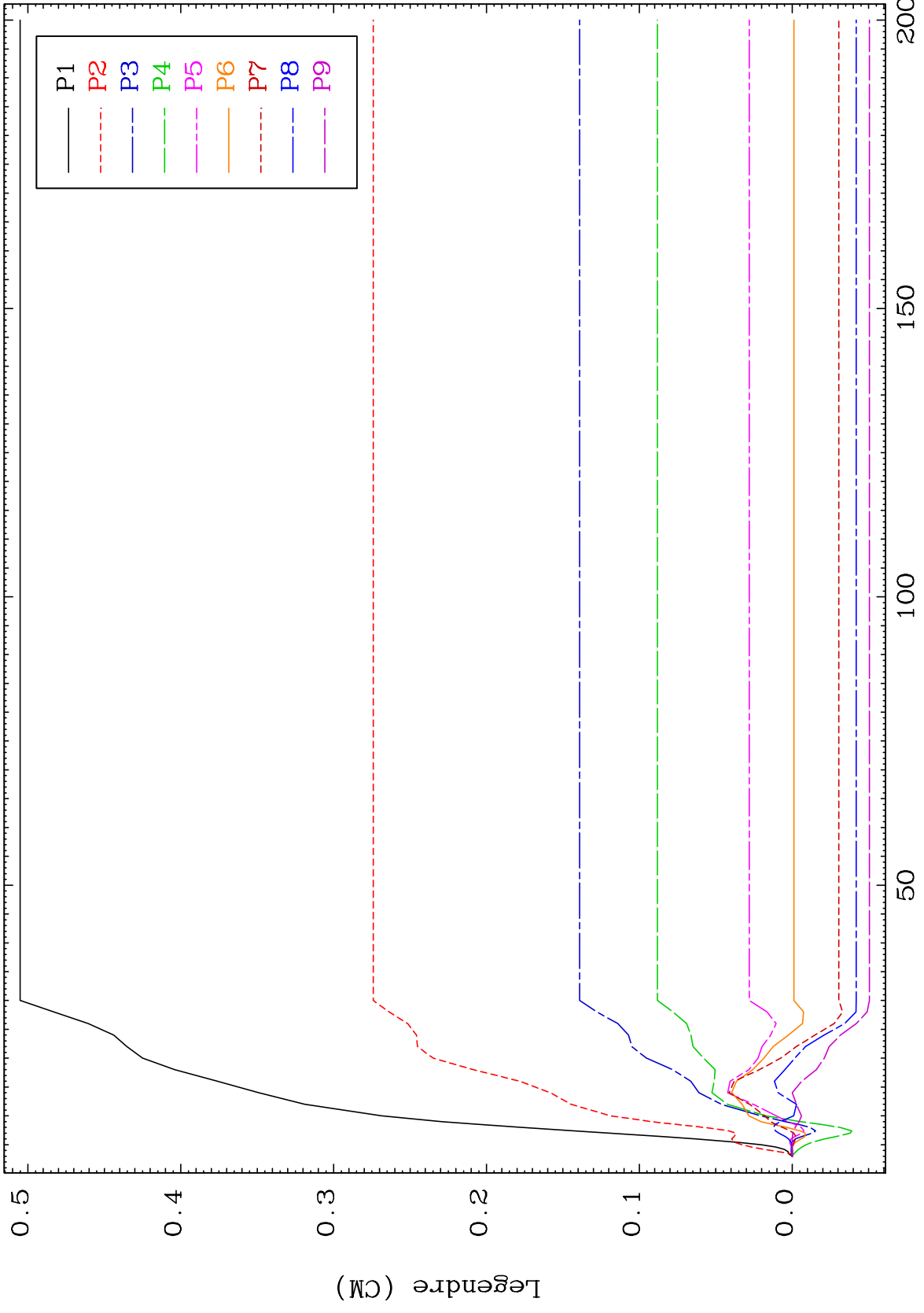
Incident Energy (MeV) 50-Sn-122

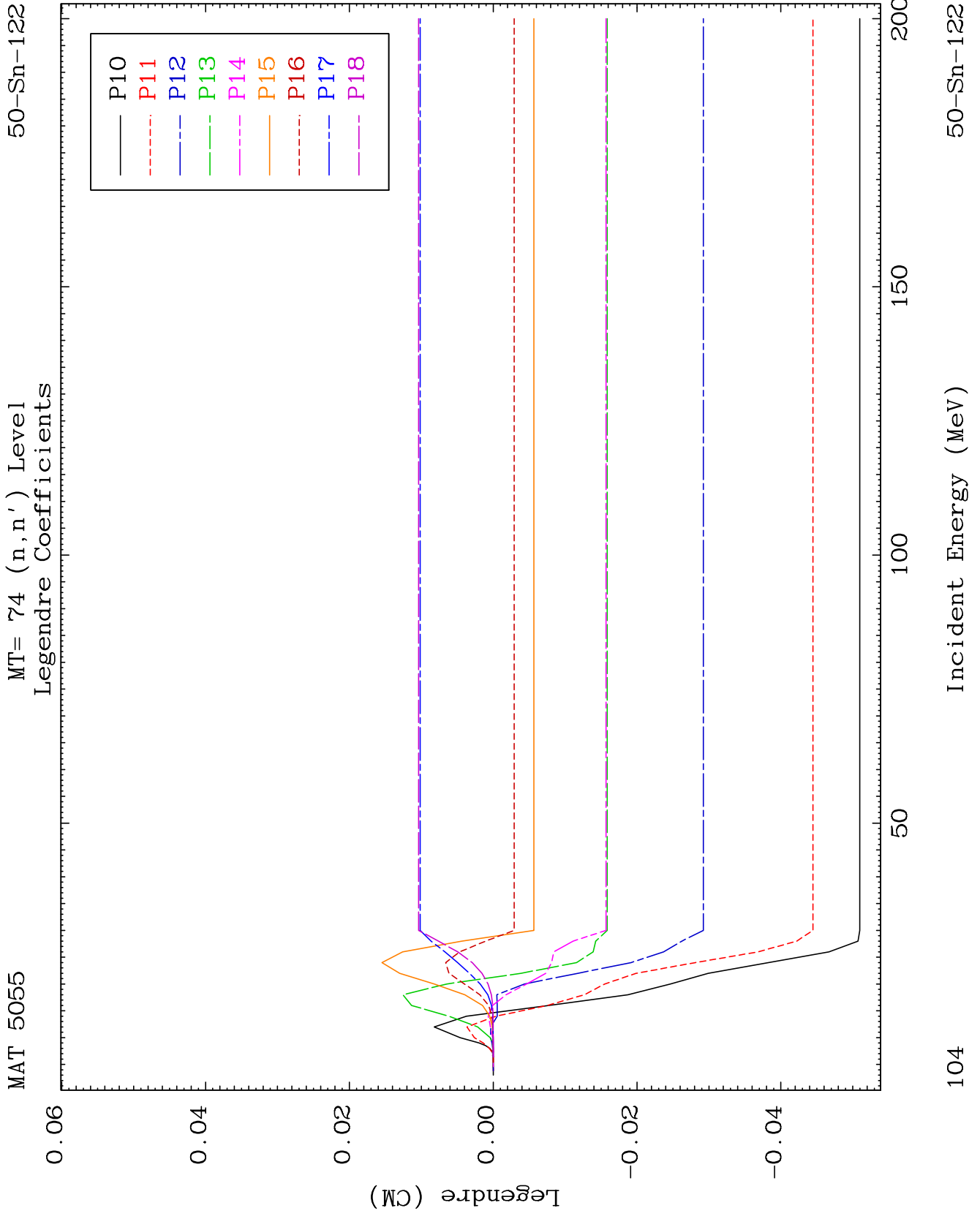
MAT 5055 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-122



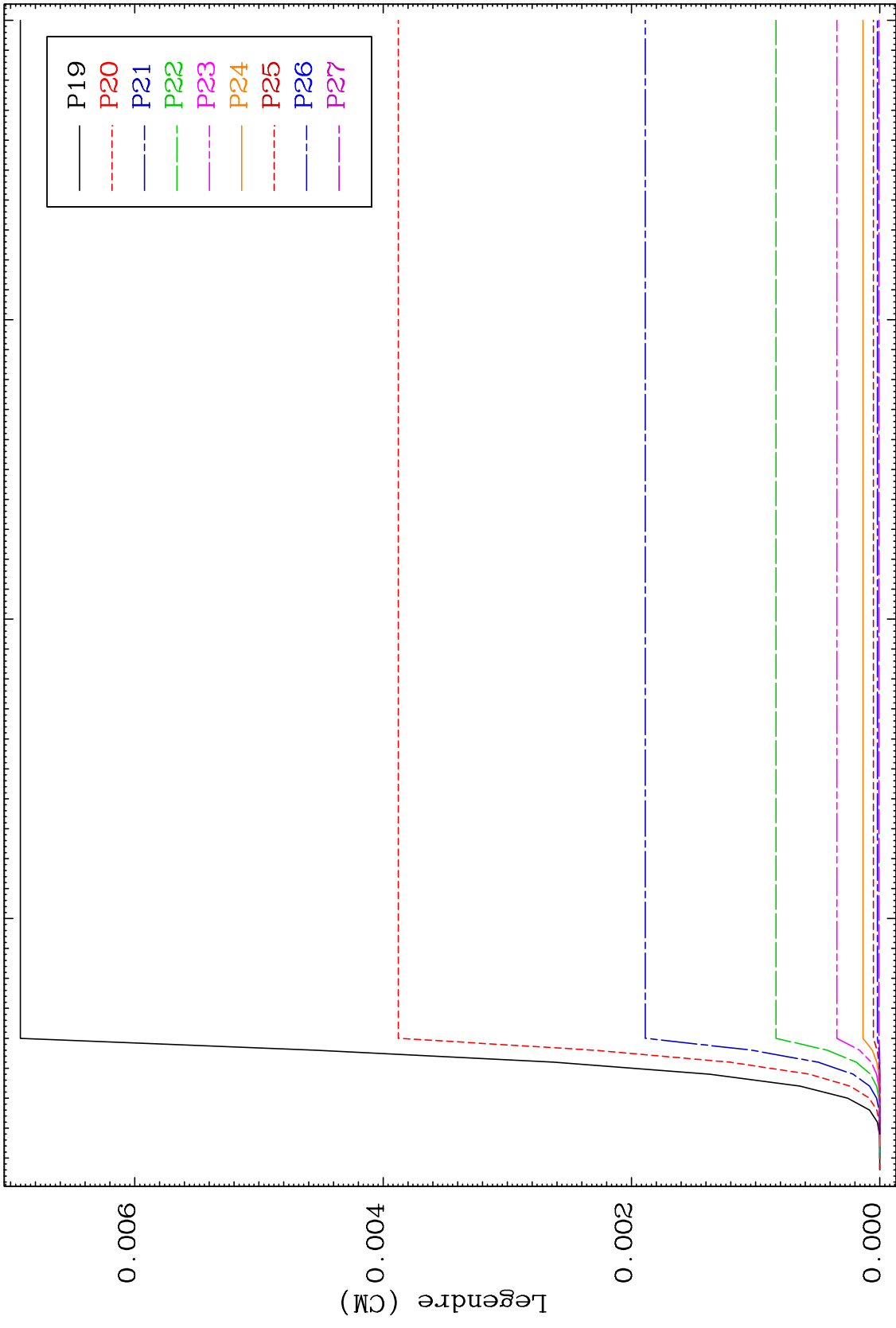


MAT 5055 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-122





MAT 5055 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-122

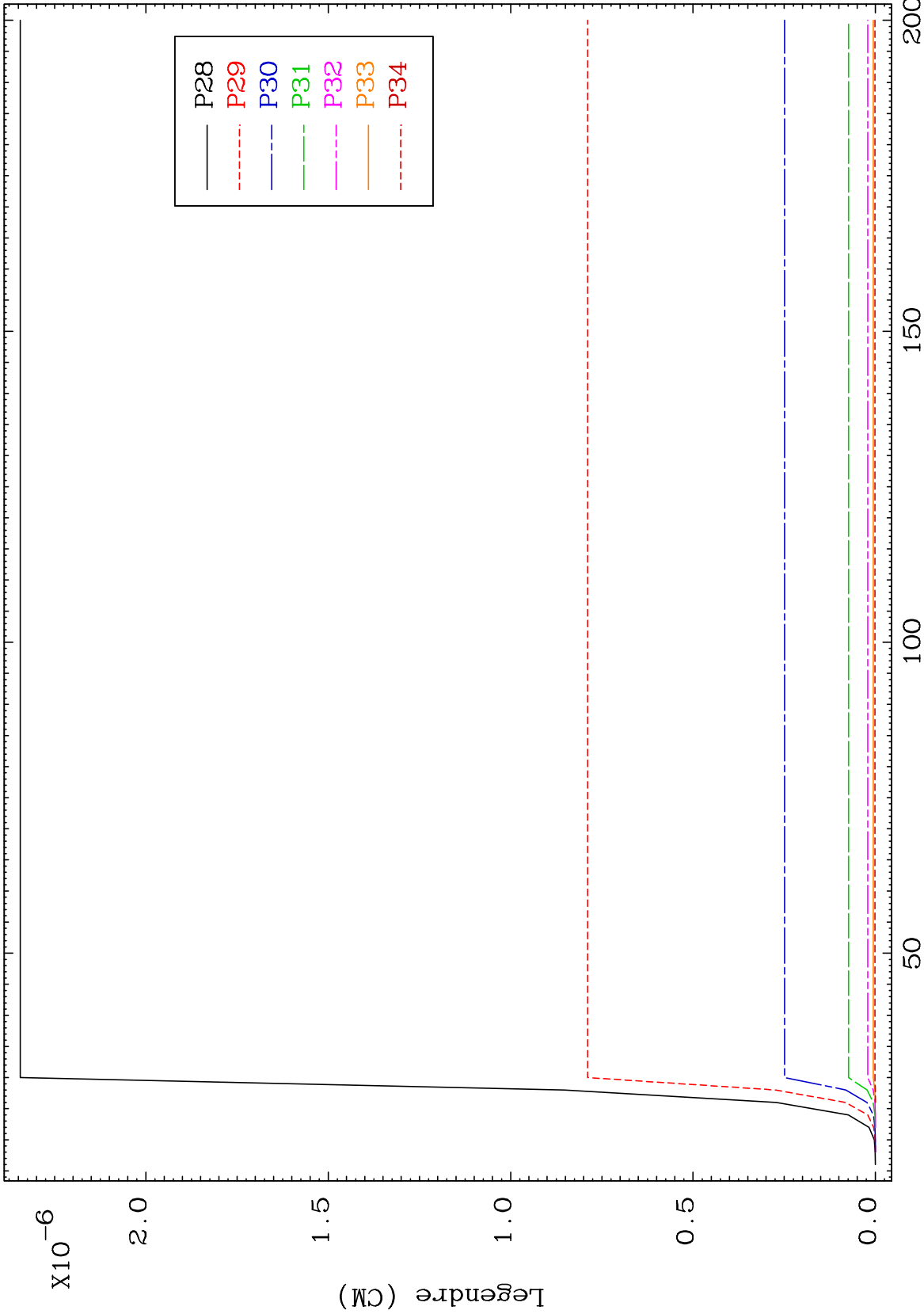


105 Incident Energy (MeV) 50-Sn-122

MAT 5055

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

50-Sn-122

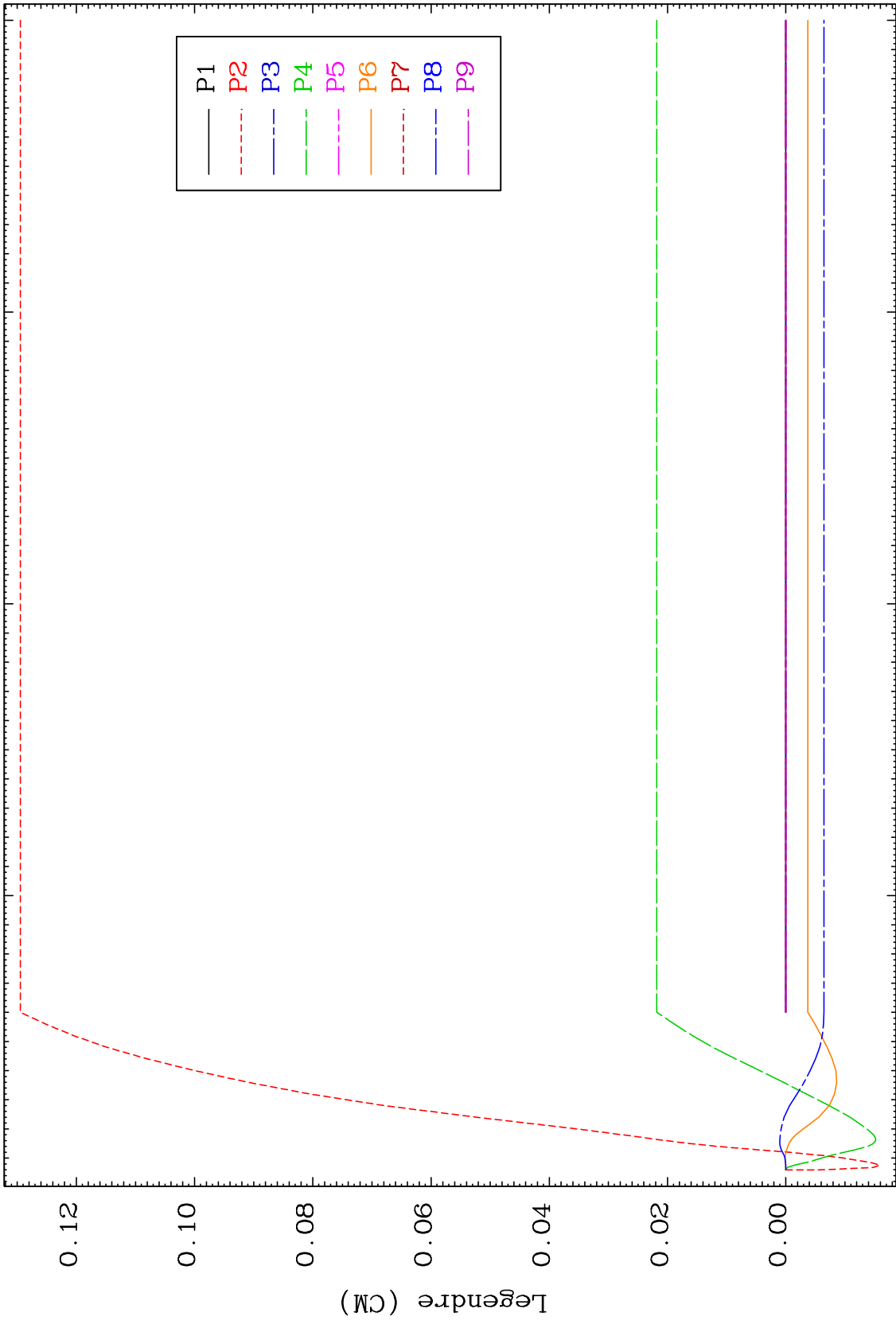


106

Incident Energy (MeV)

50-Sn-122

MAT 5055 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-122

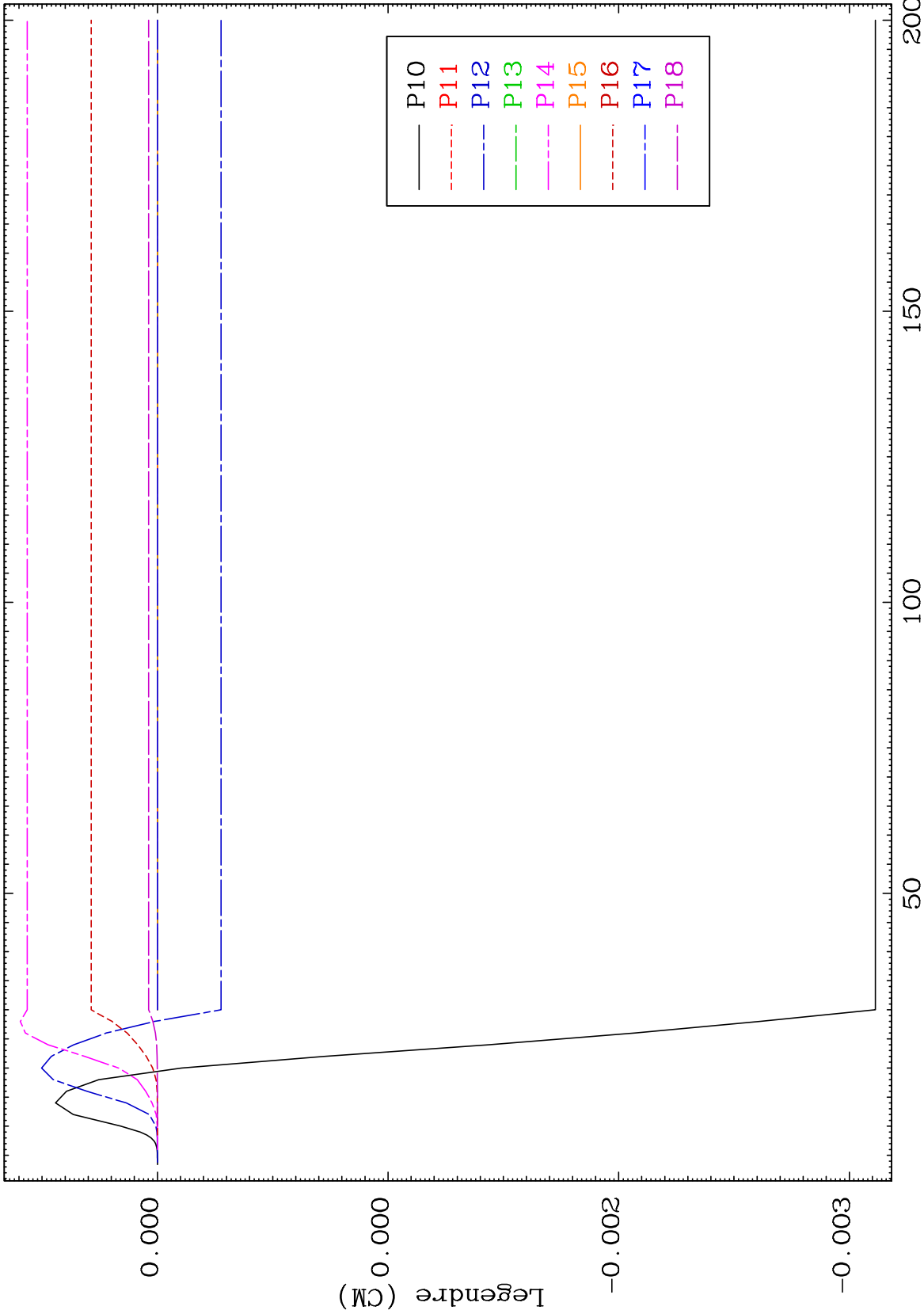


107 50-Sn-122

MAT 5055

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

50-Sn-122

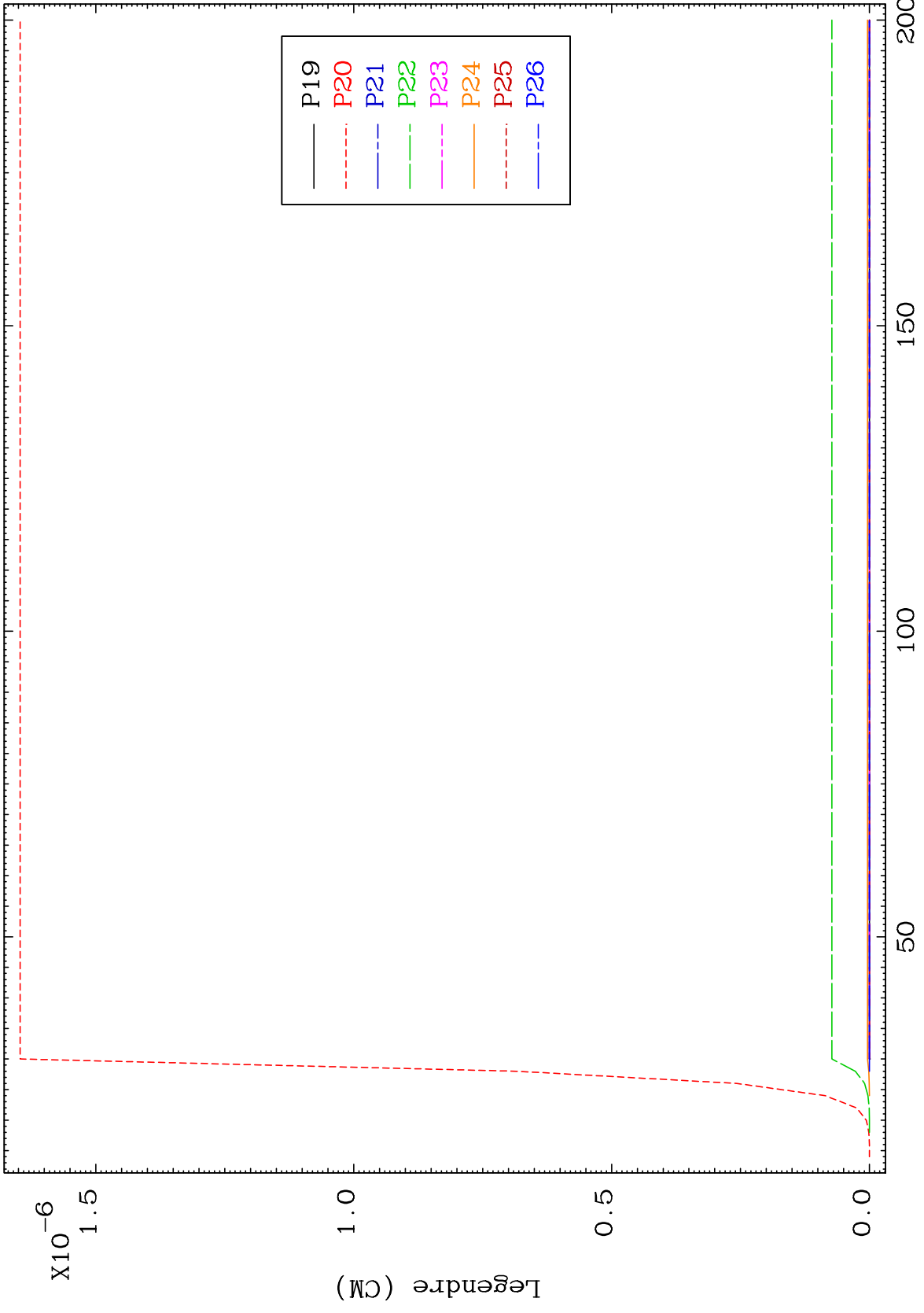


108

Incident Energy (MeV)

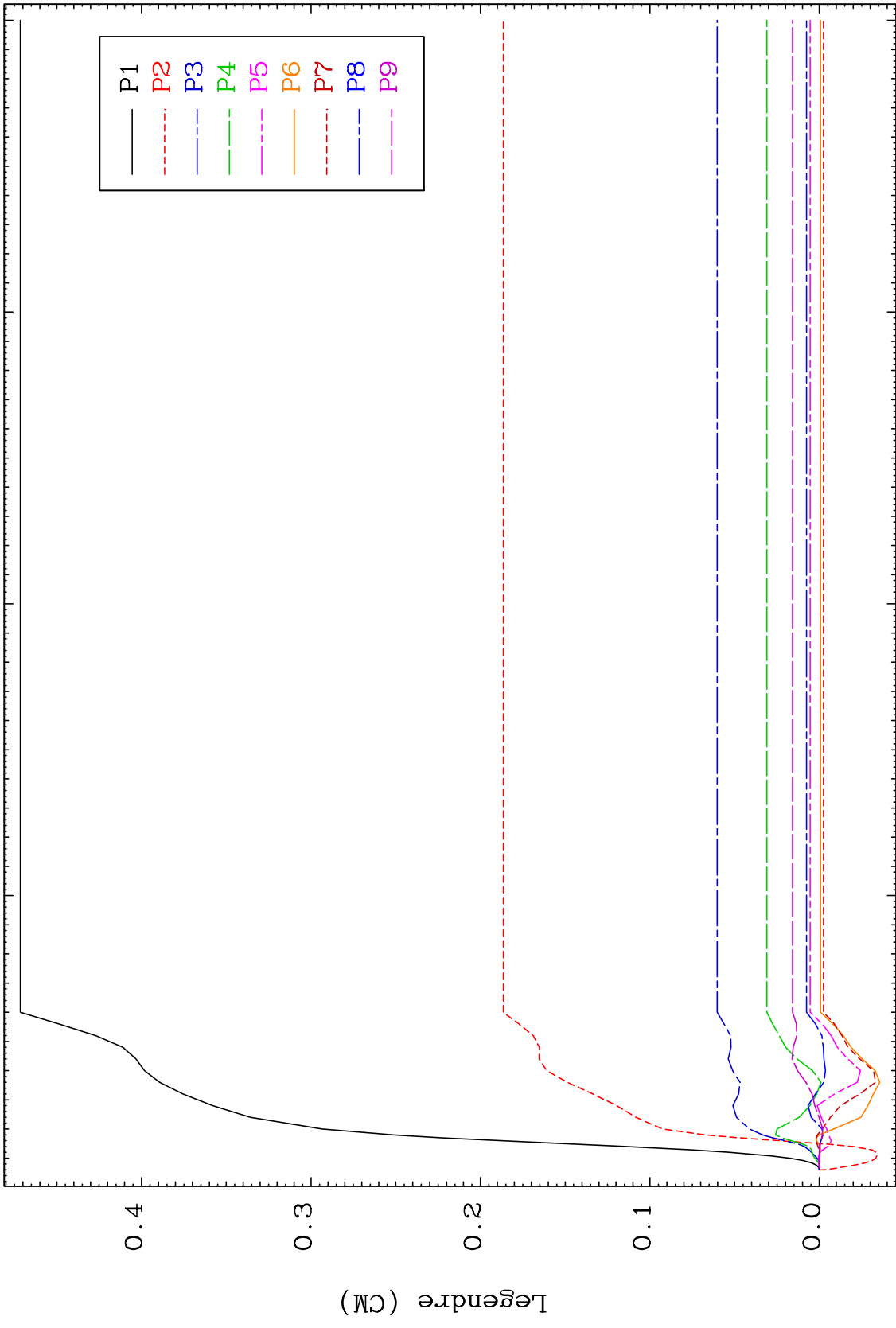
50-Sn-122

MAT 5055 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-122



109 Incident Energy (MeV) 50-Sn-122

MAT 5055 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-122

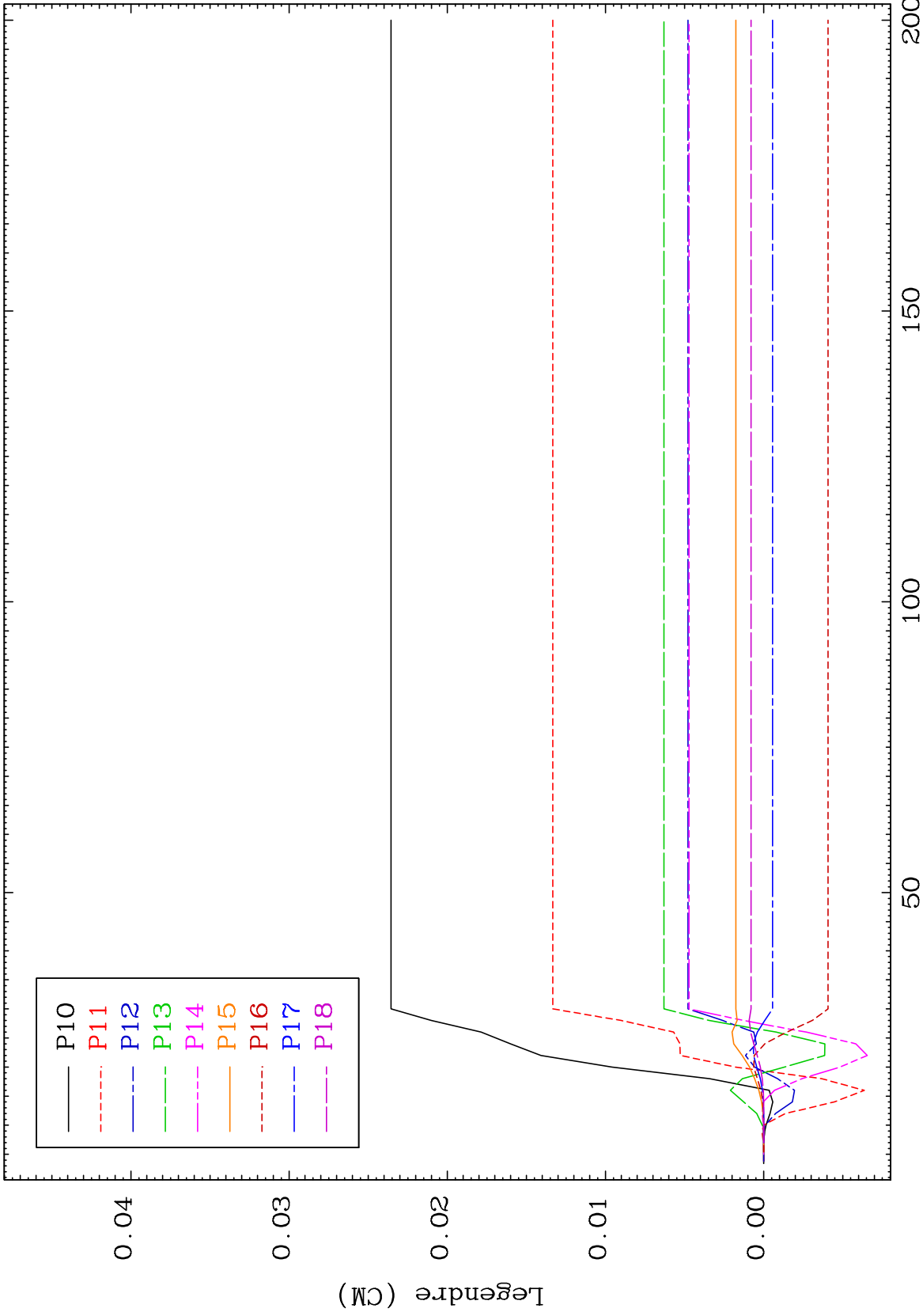


110 Incident Energy (MeV) 50-Sn-122

MAT 5055

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

50-Sn-122



111

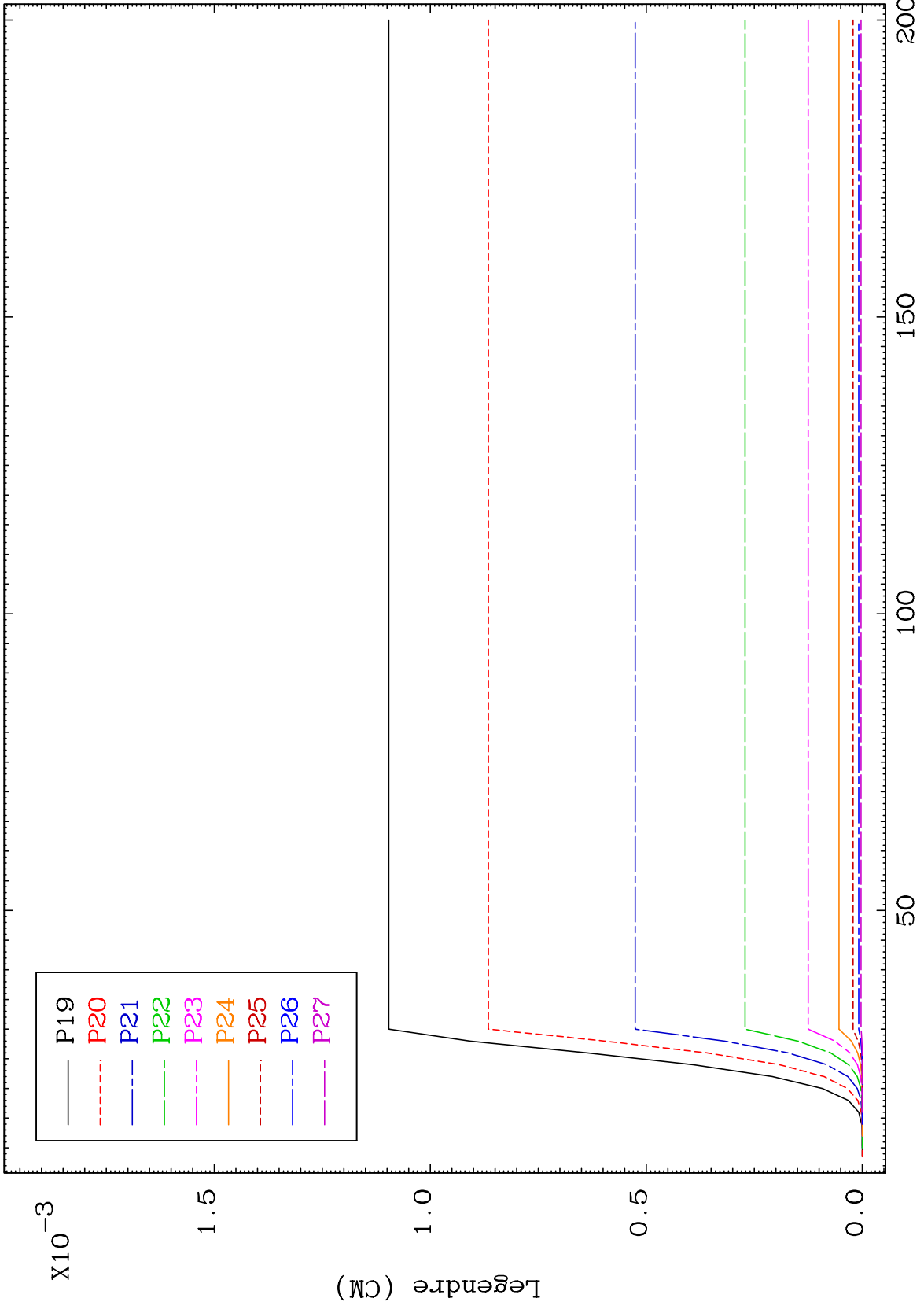
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



112

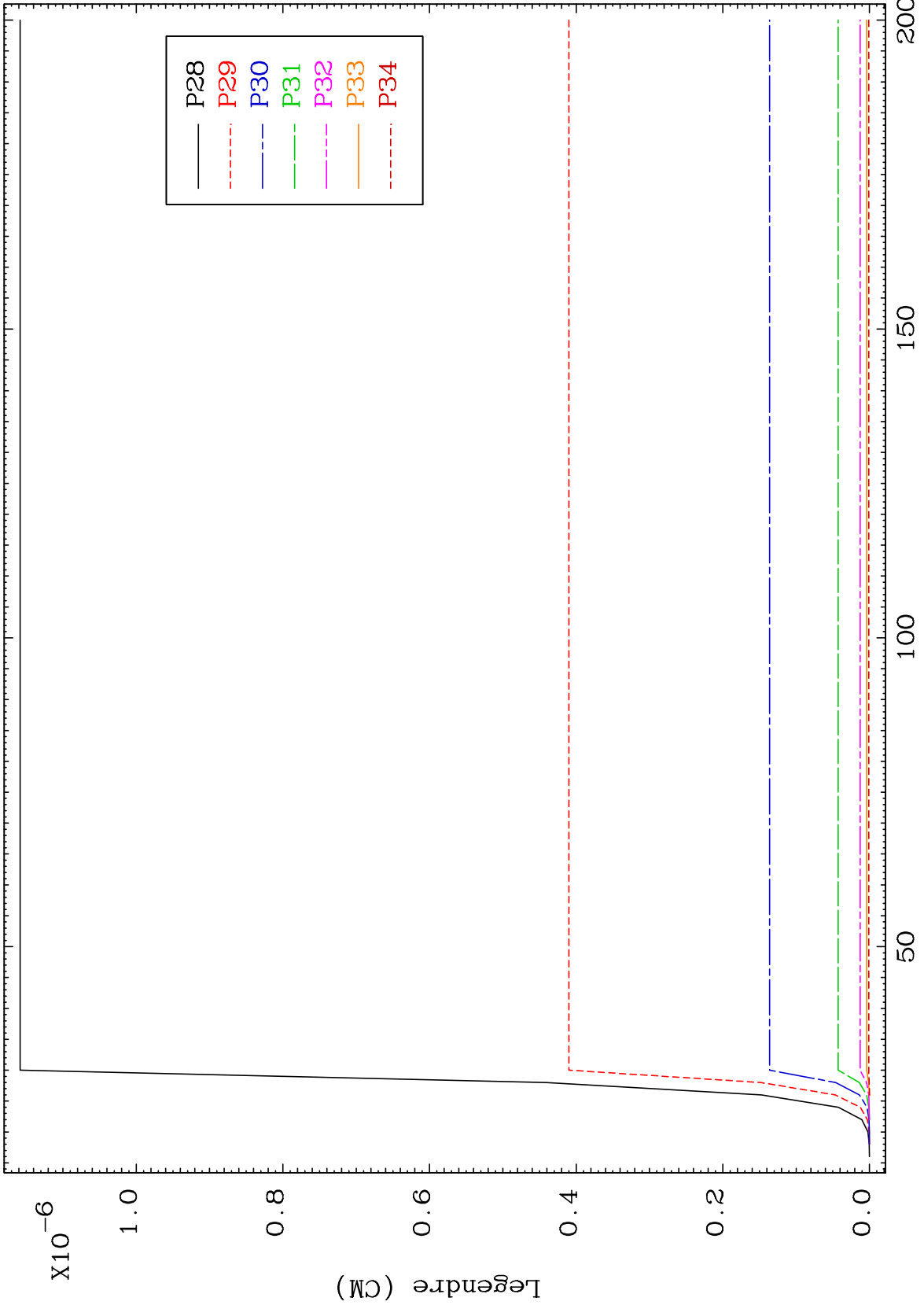
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



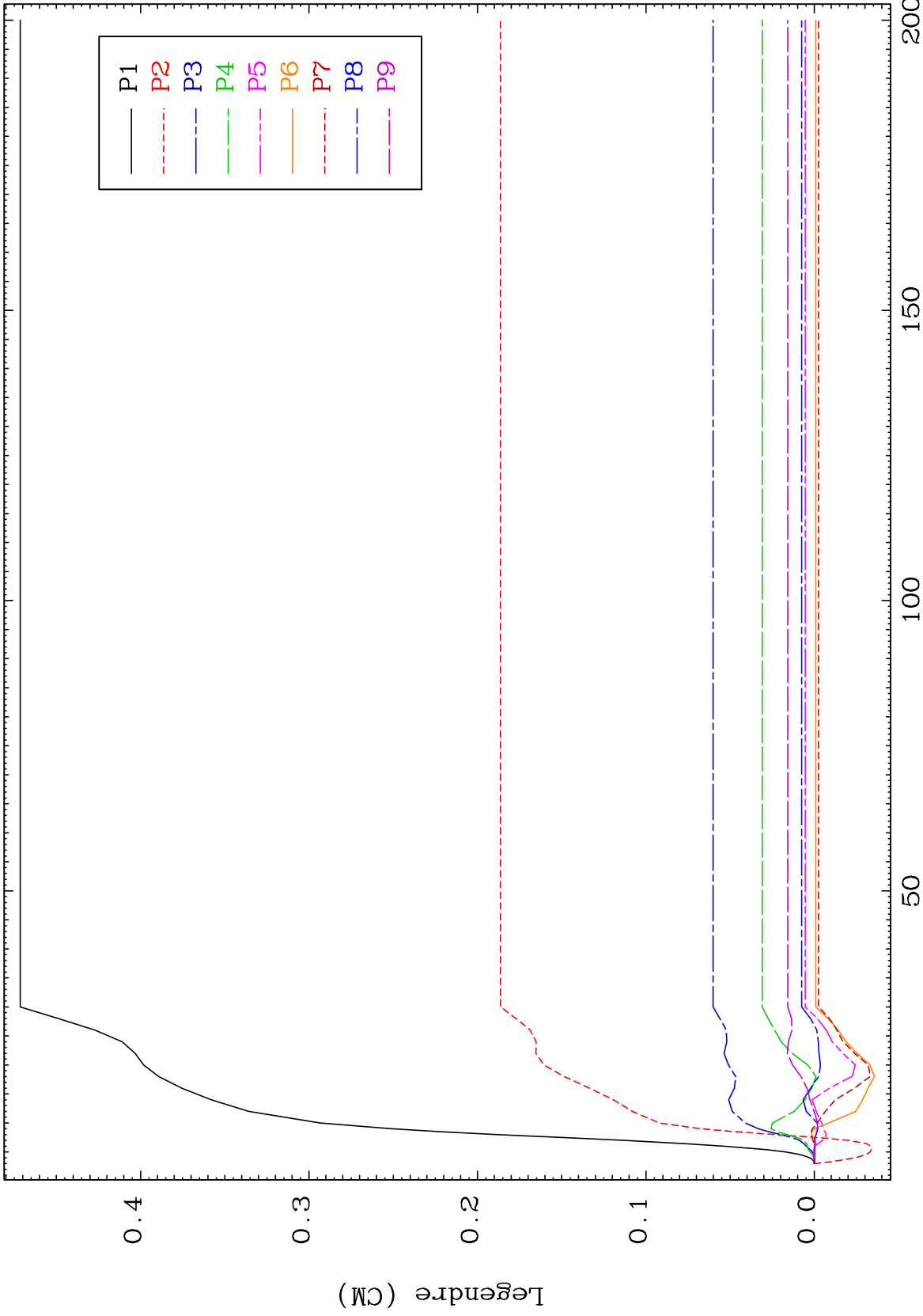
113

50-Sn-122

MAT 5055

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

50-Sn-122



114

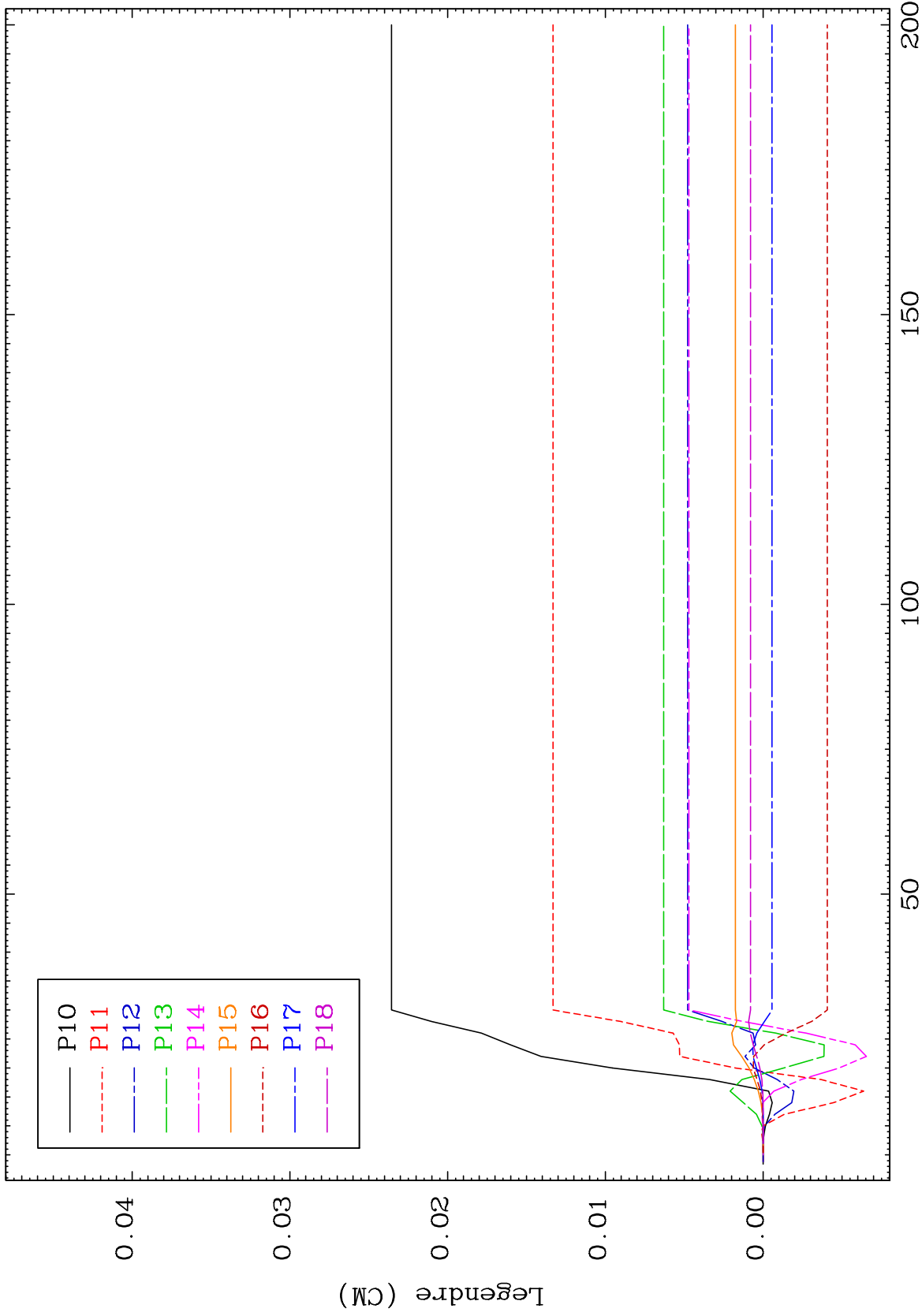
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



115

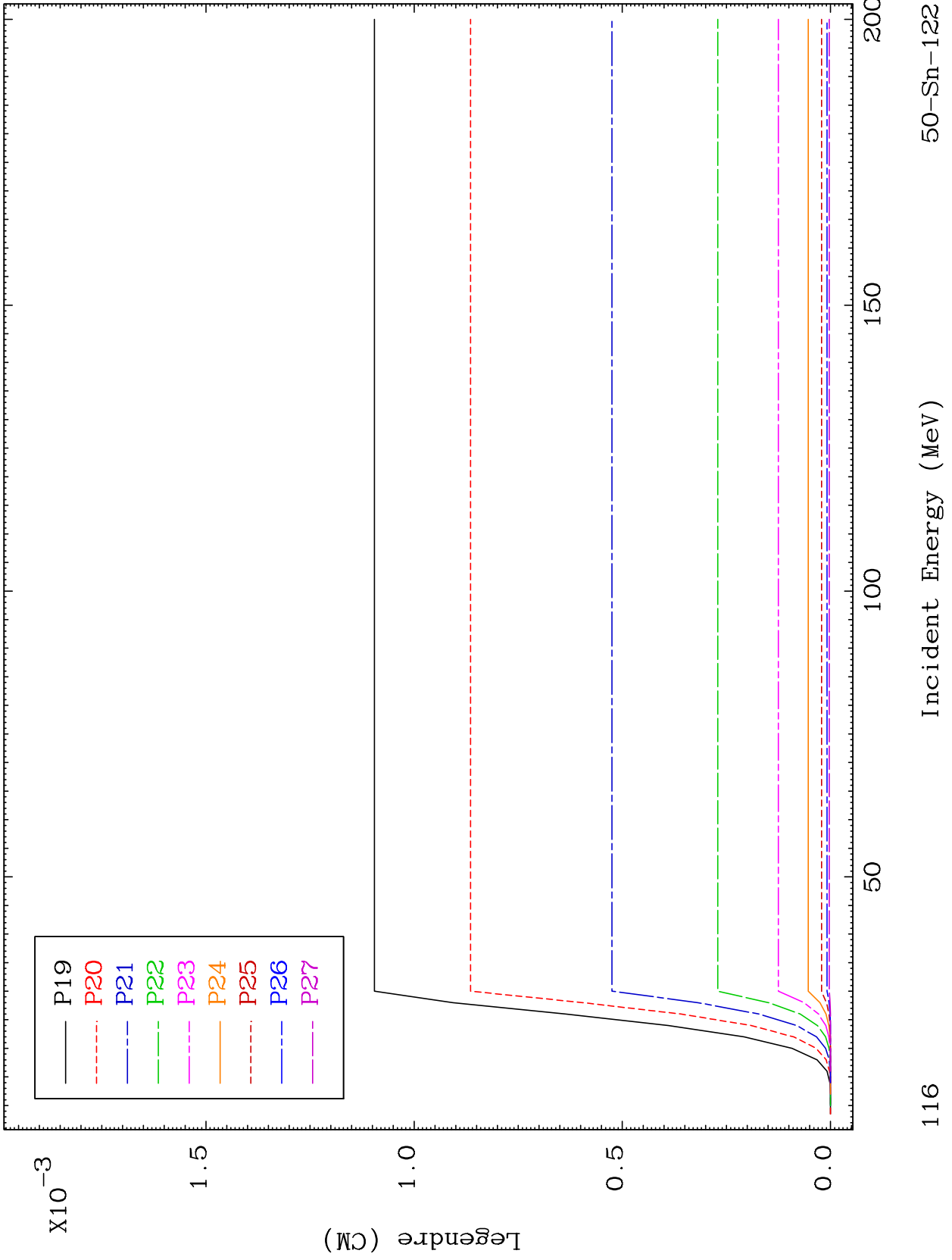
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

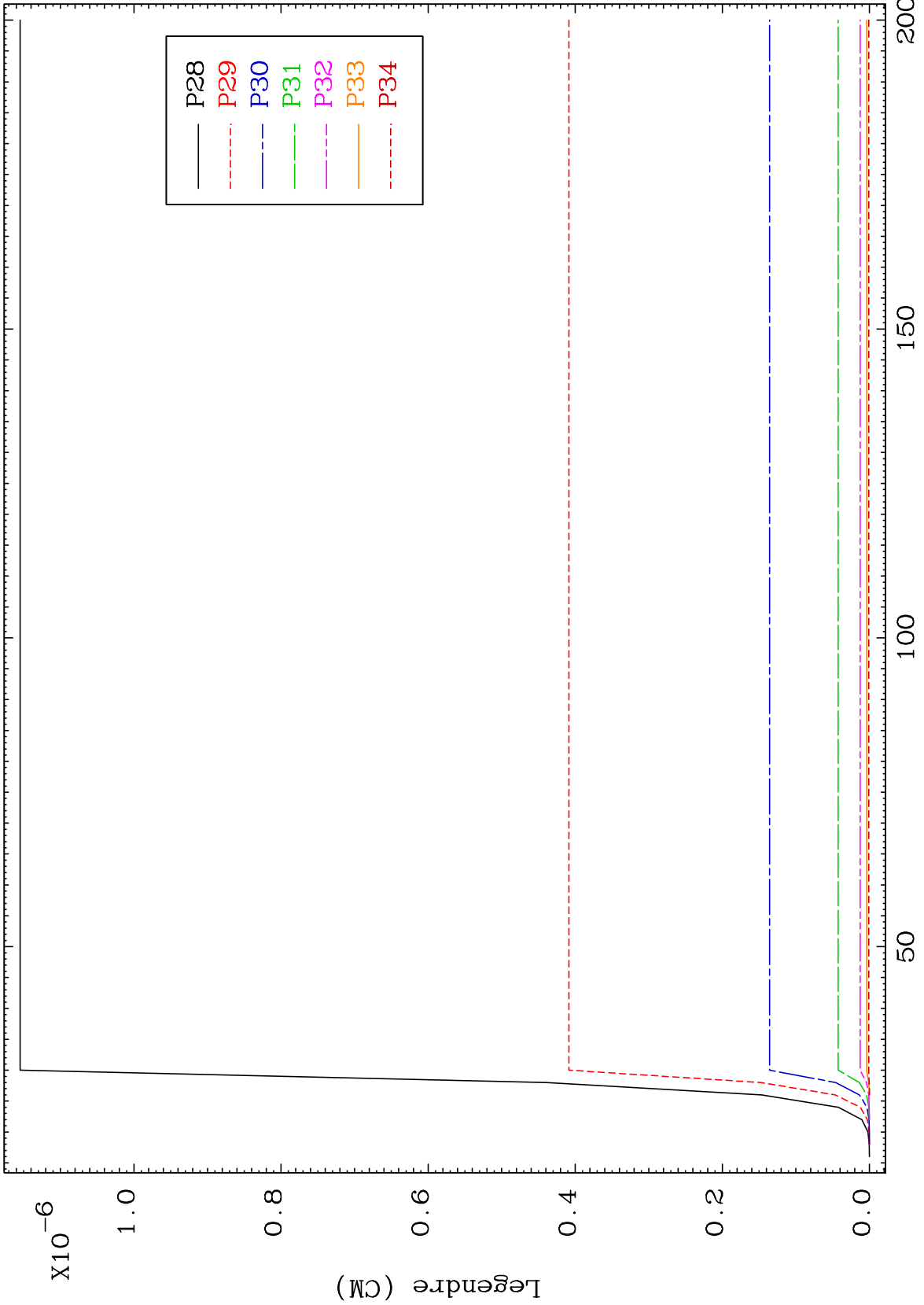
50-Sn-122



MAT 5055

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

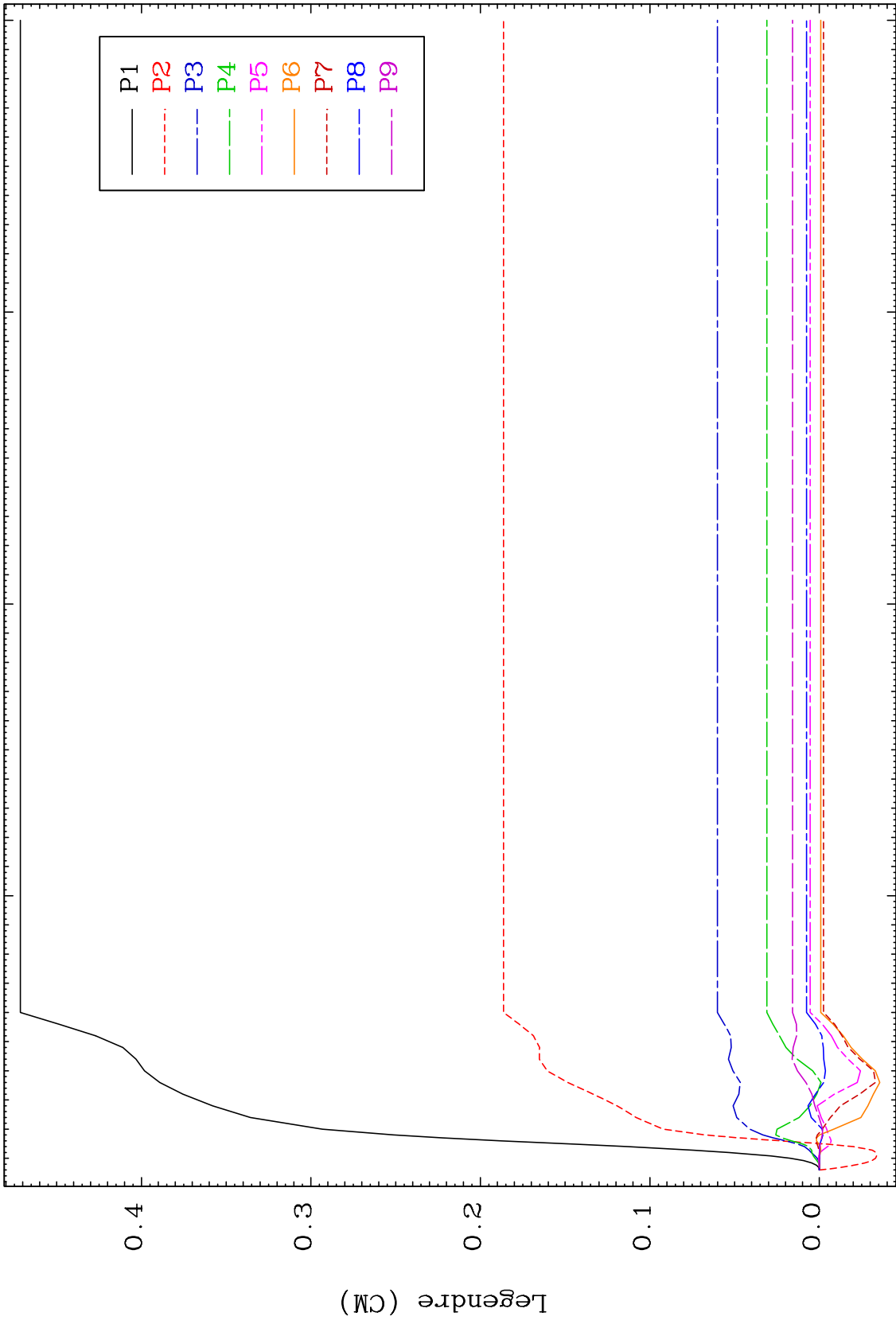
50-Sn-122



117

50-Sn-122

MAT 5055 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-122

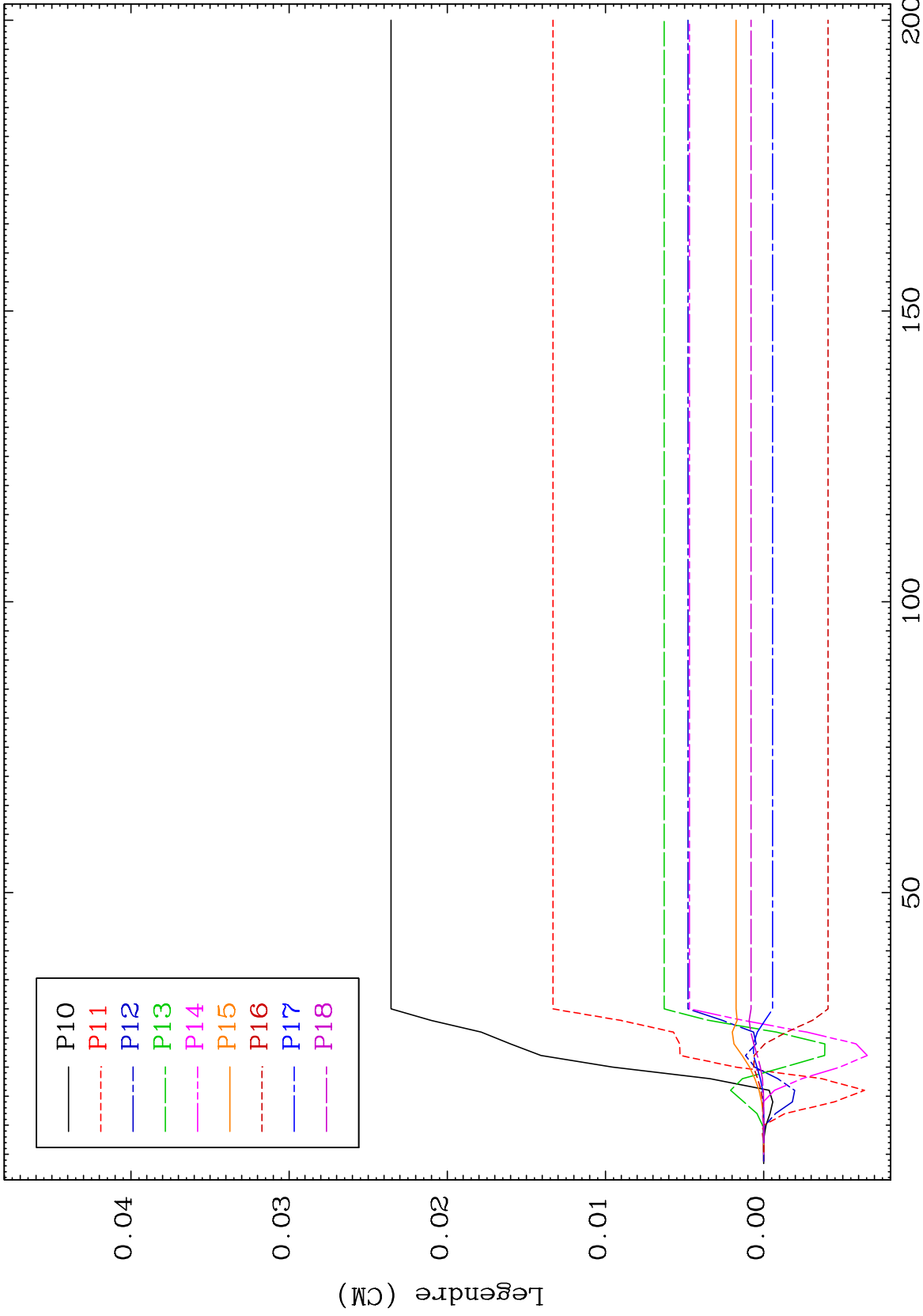


118 50-Sn-122

MAT 5055

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

50-Sn-122



119

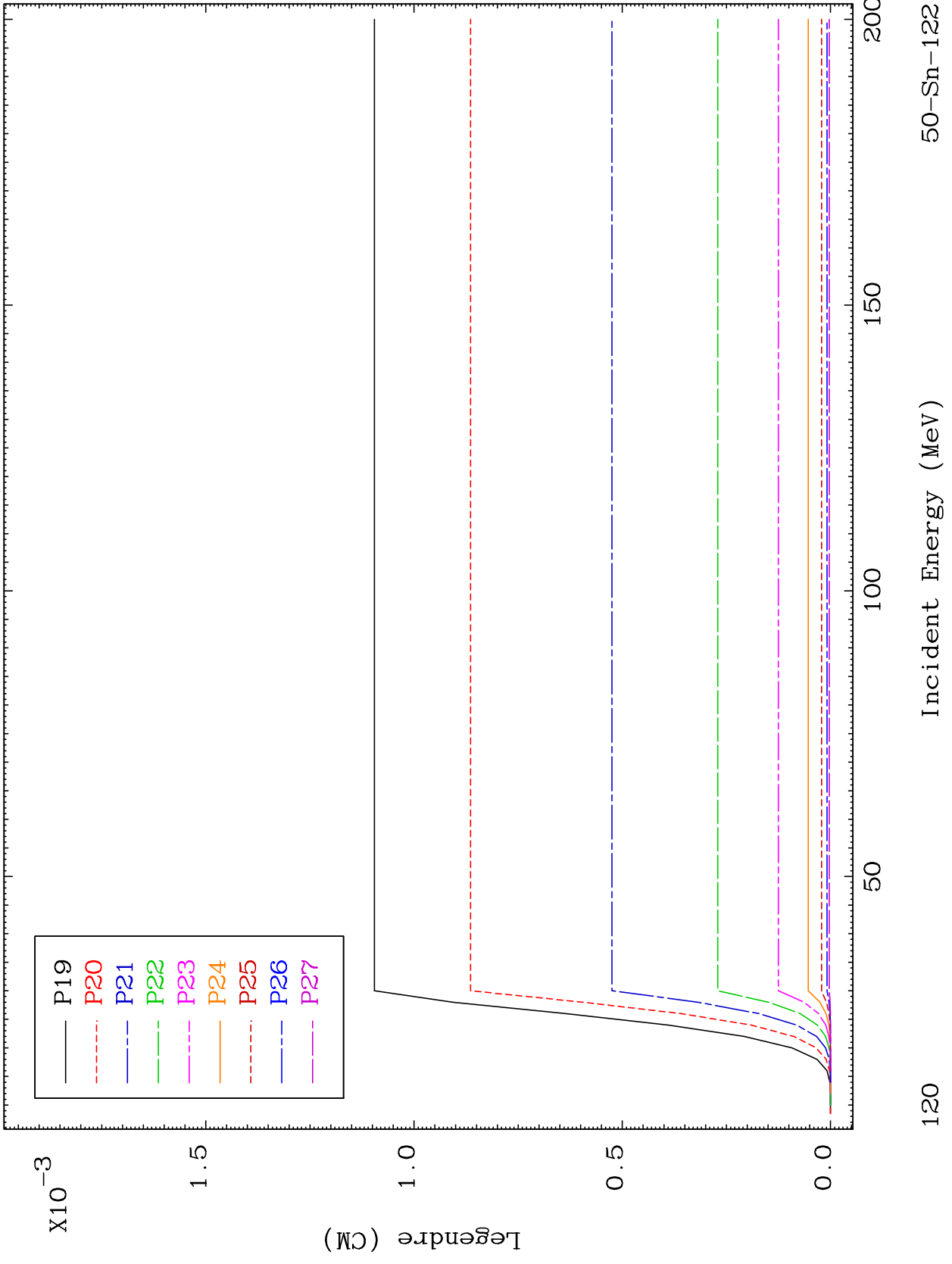
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

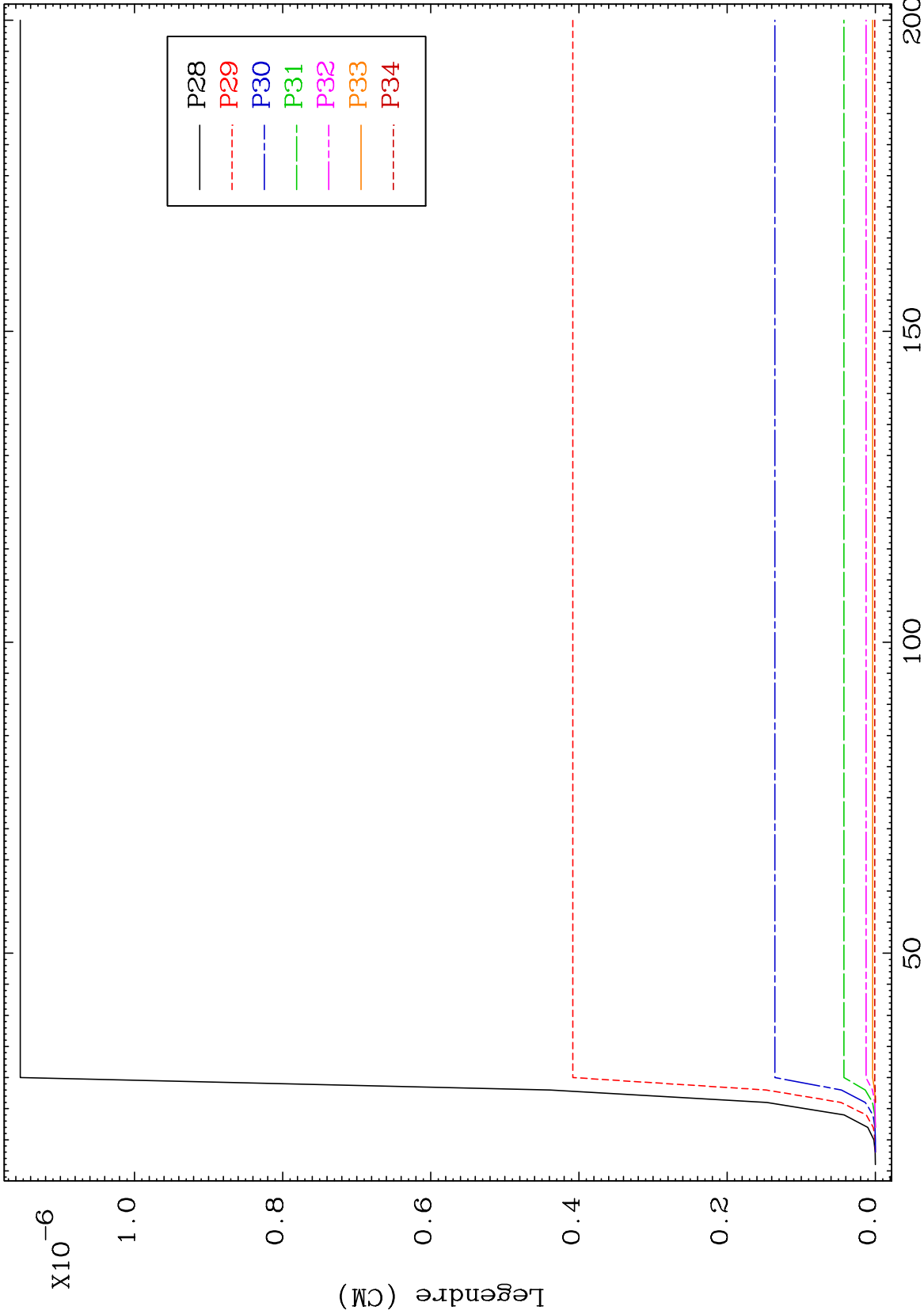
50-Sn-122



MAT 5055

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

50-Sn-122

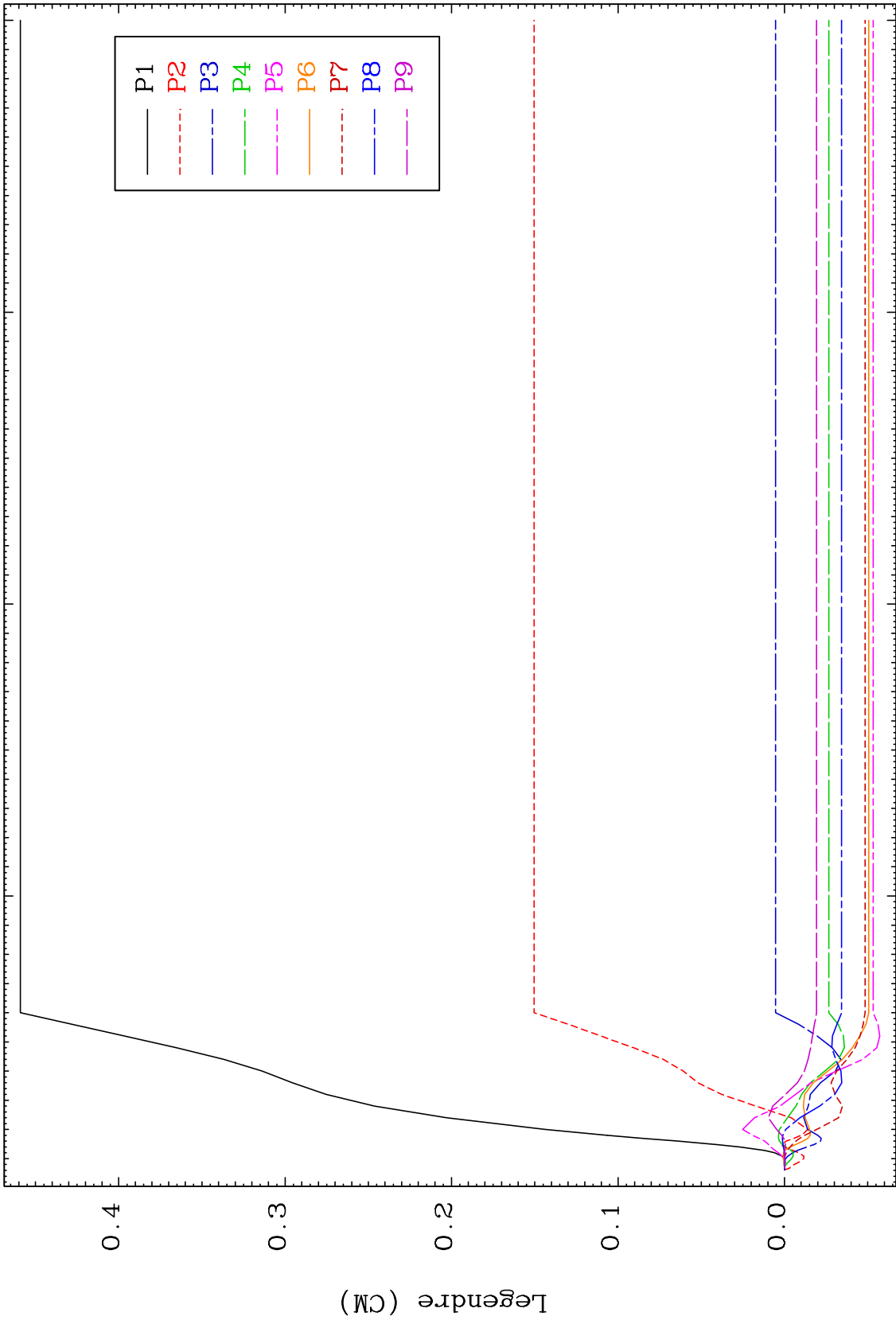


121

Incident Energy (MeV)

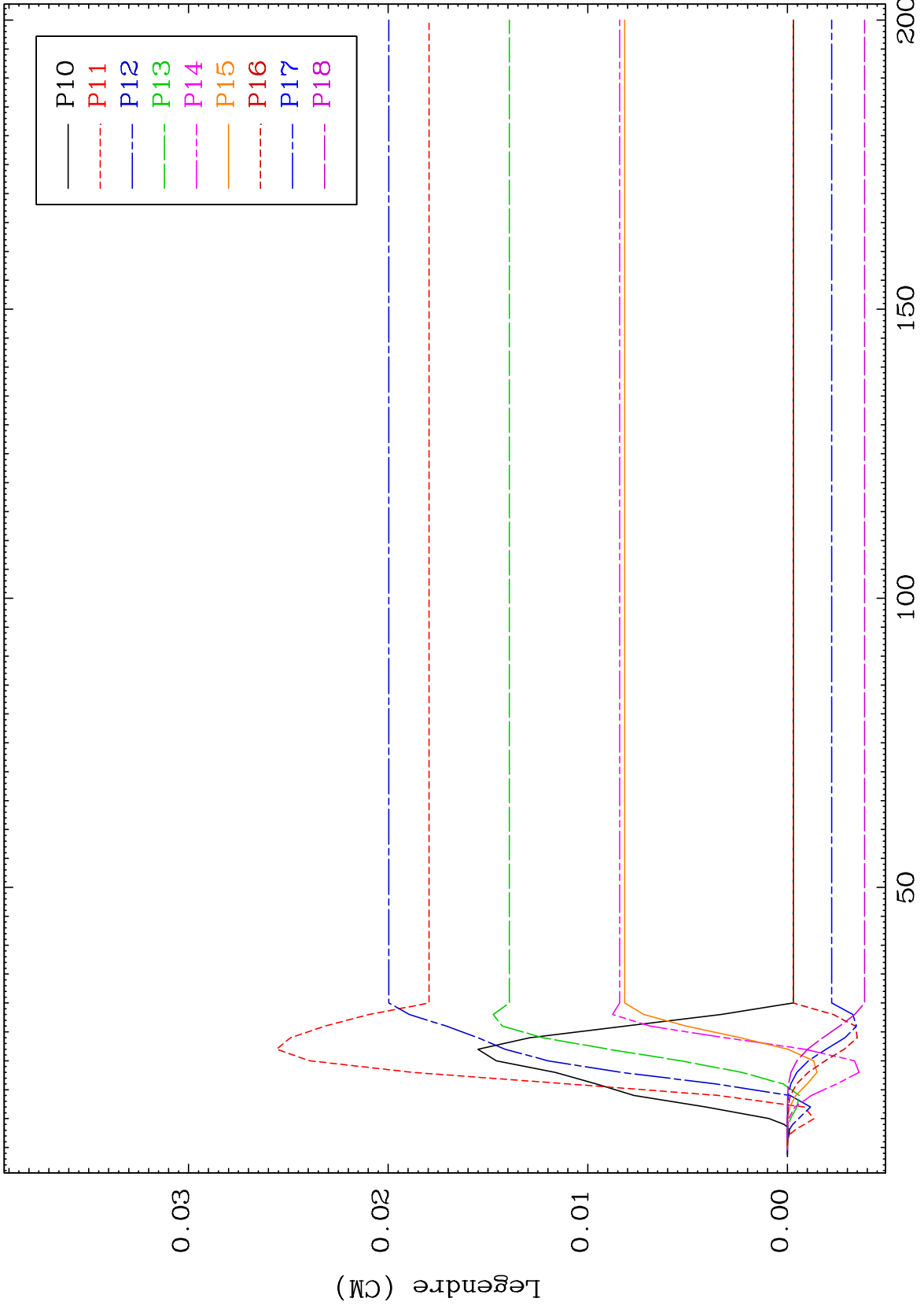
50-Sn-122

MAT 5055 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-122



122 Incident Energy (MeV) 50-Sn-122

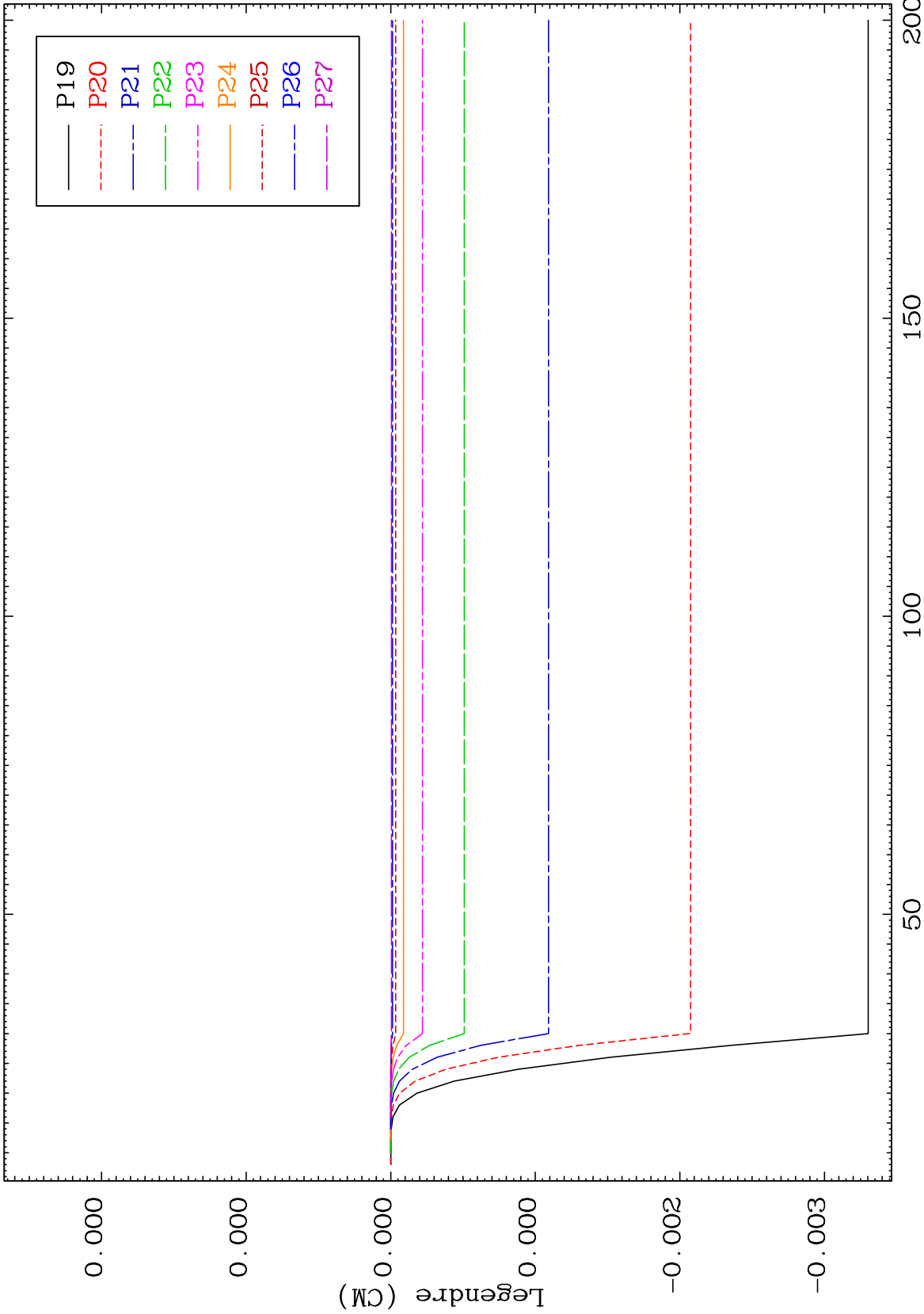
MAT 5055 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-122



MAT 5055

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

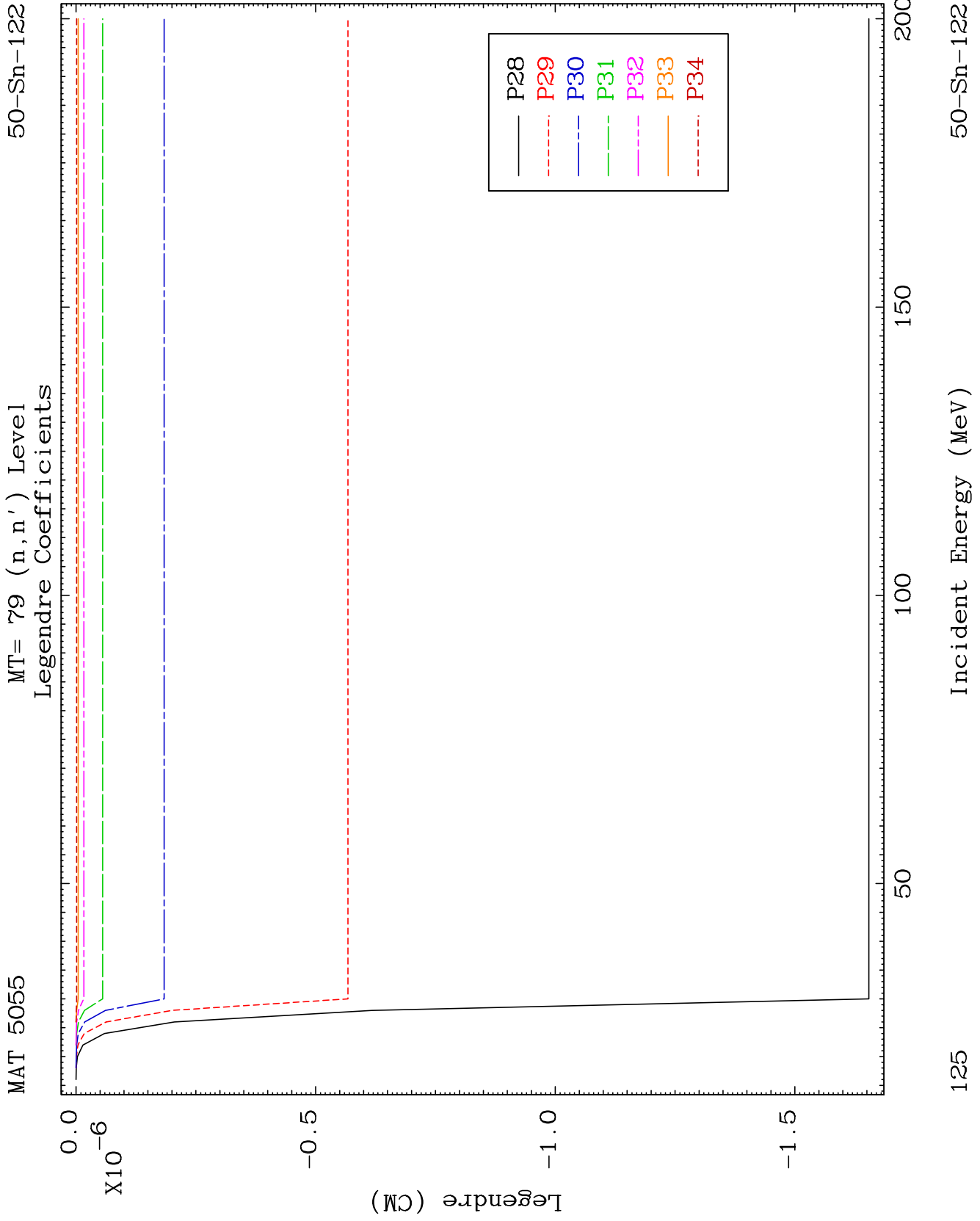
50-Sn-122



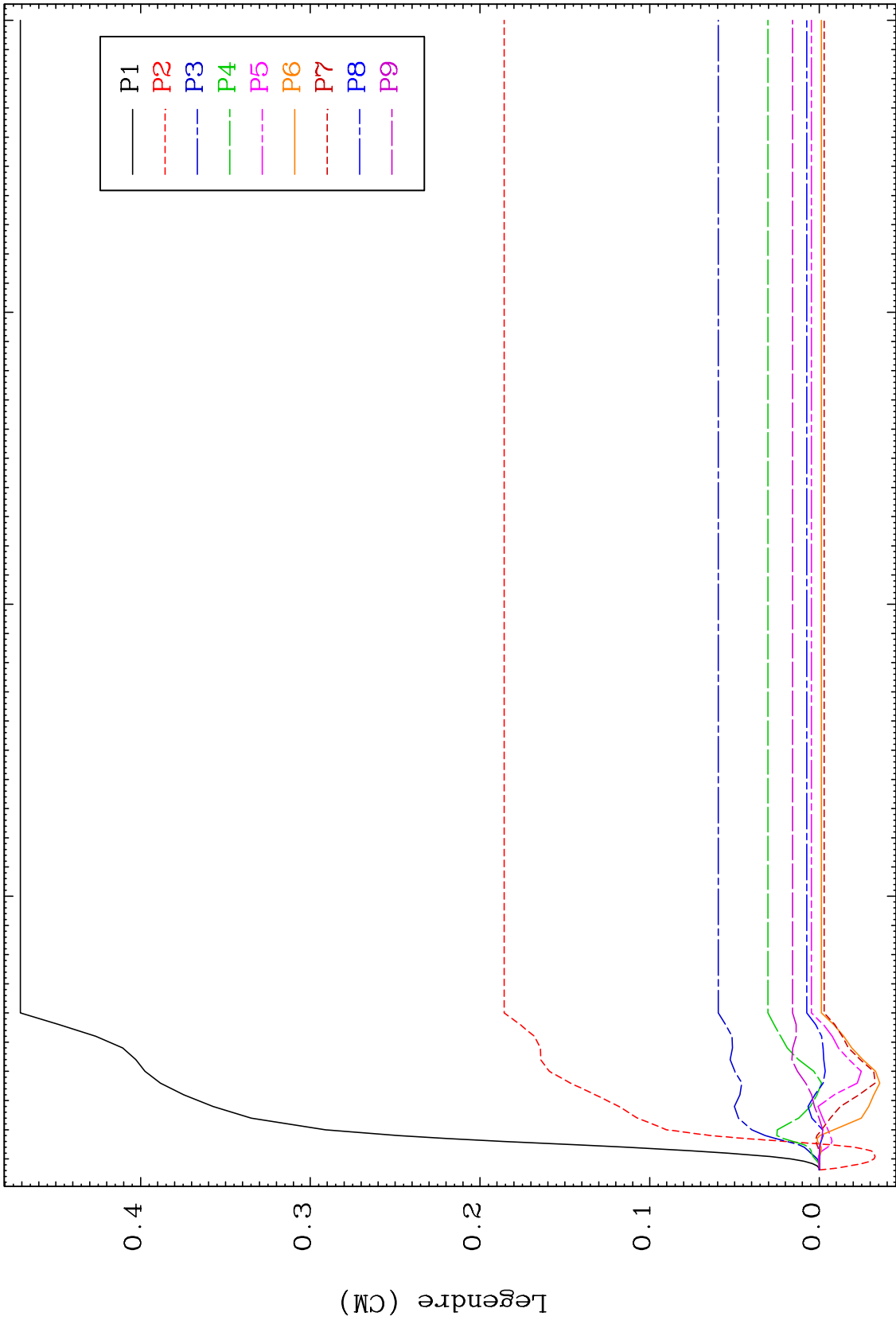
124

Incident Energy (MeV)

50-Sn-122



MAT 5055 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-122

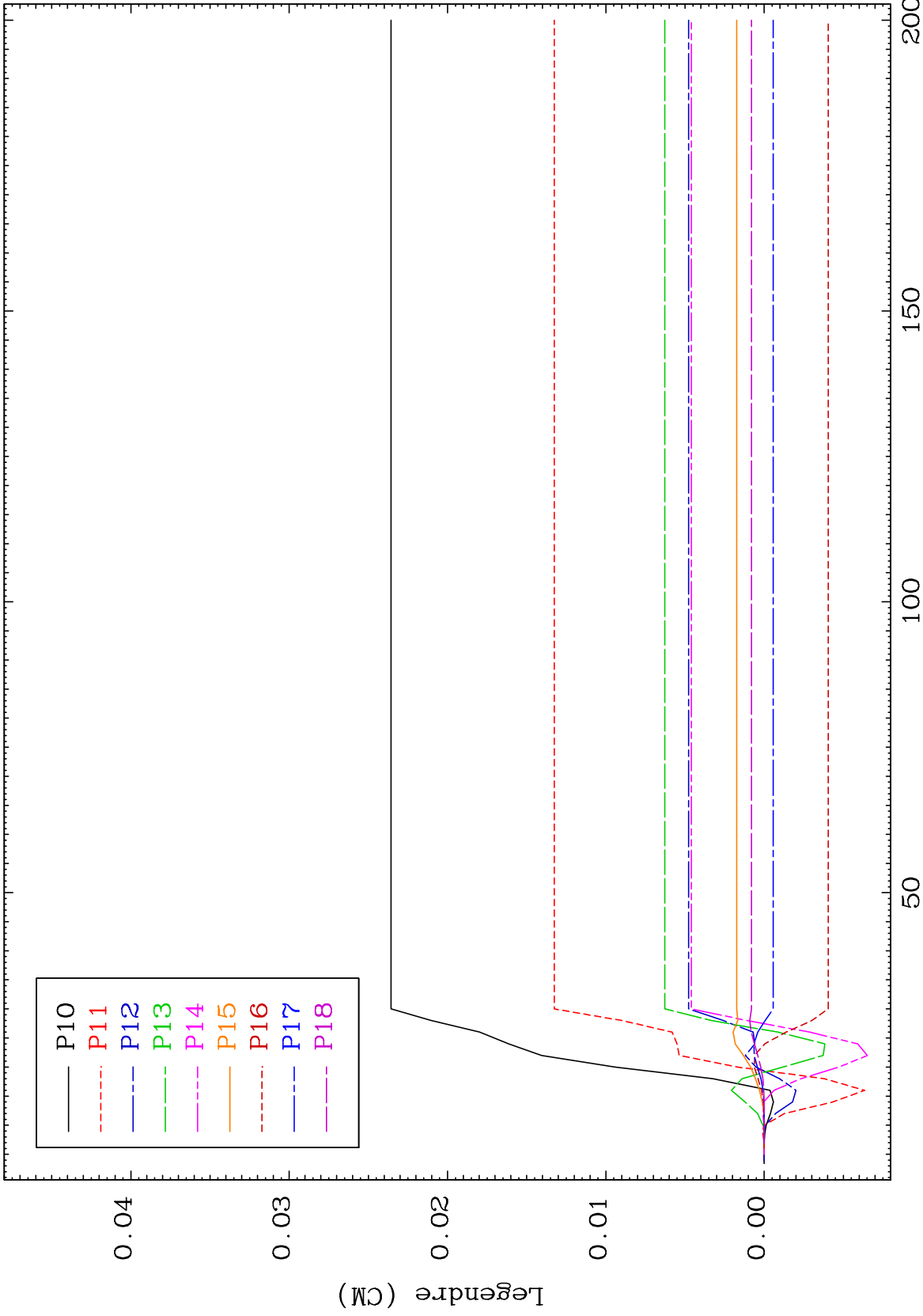


126 Incident Energy (MeV) 50-Sn-122

MAT 5055

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

50-Sn-122



127

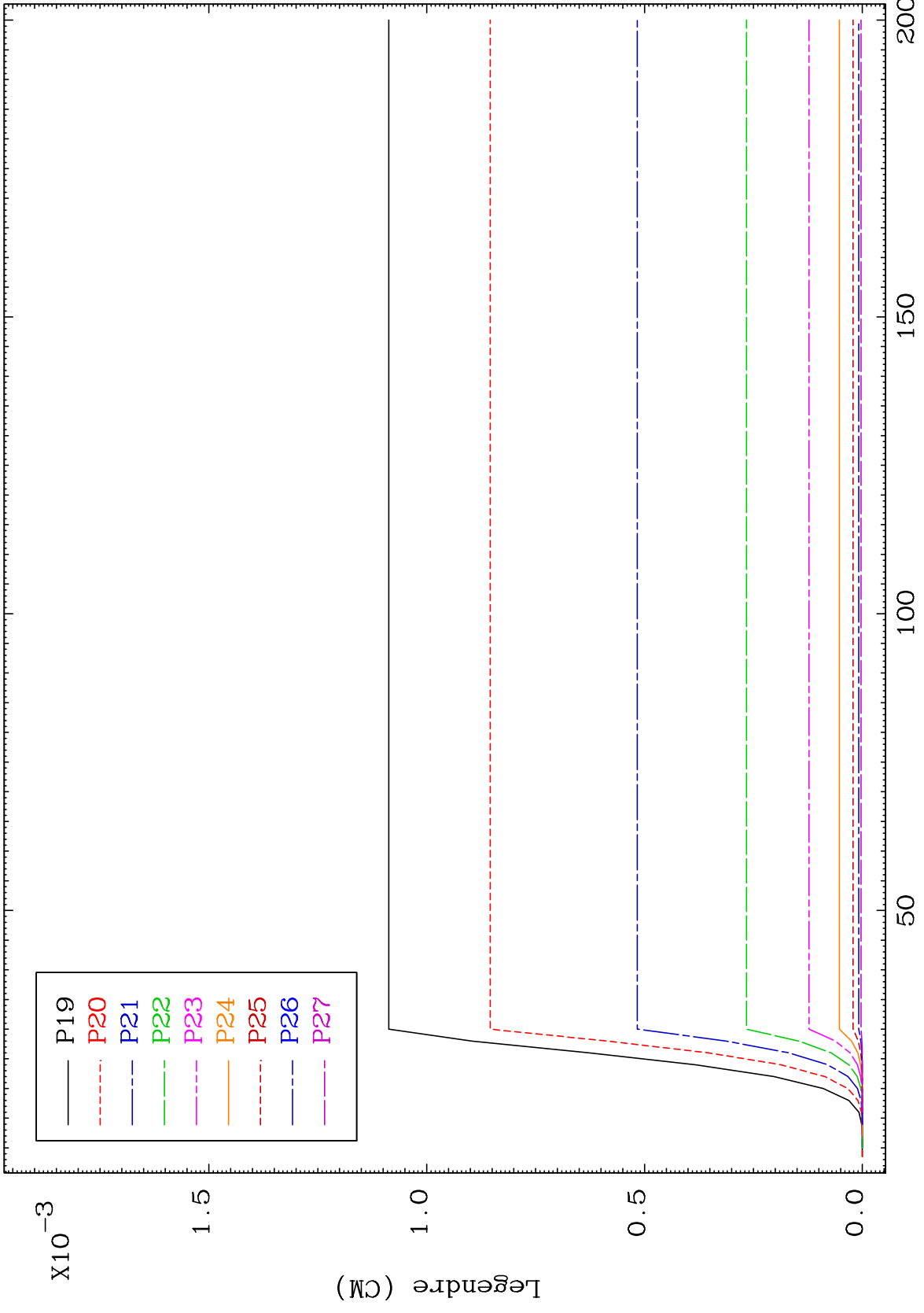
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

50-Sn-122



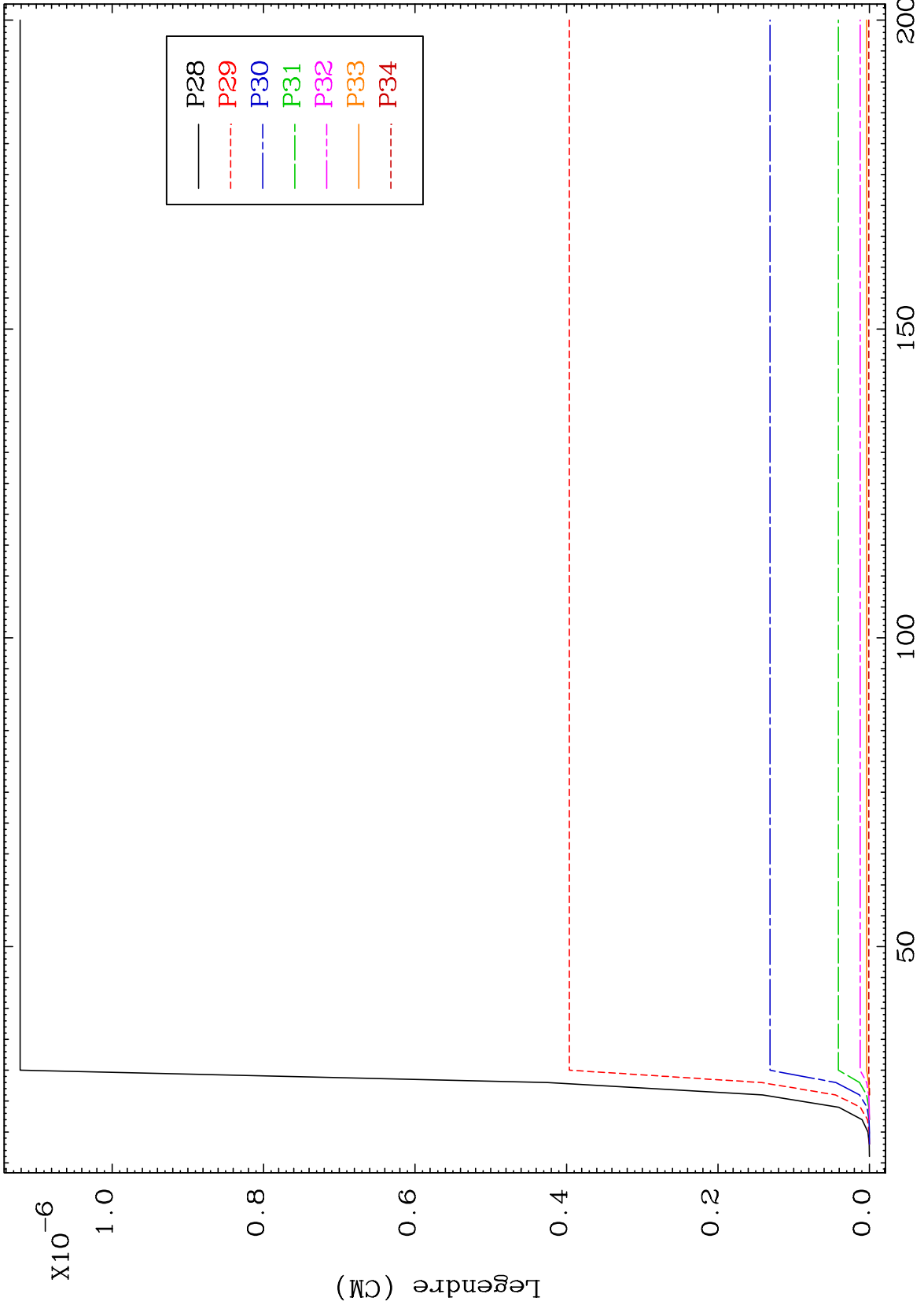
128

50-Sn-122

MAT 5055

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

50-Sn-122



129

Incident Energy (MeV)

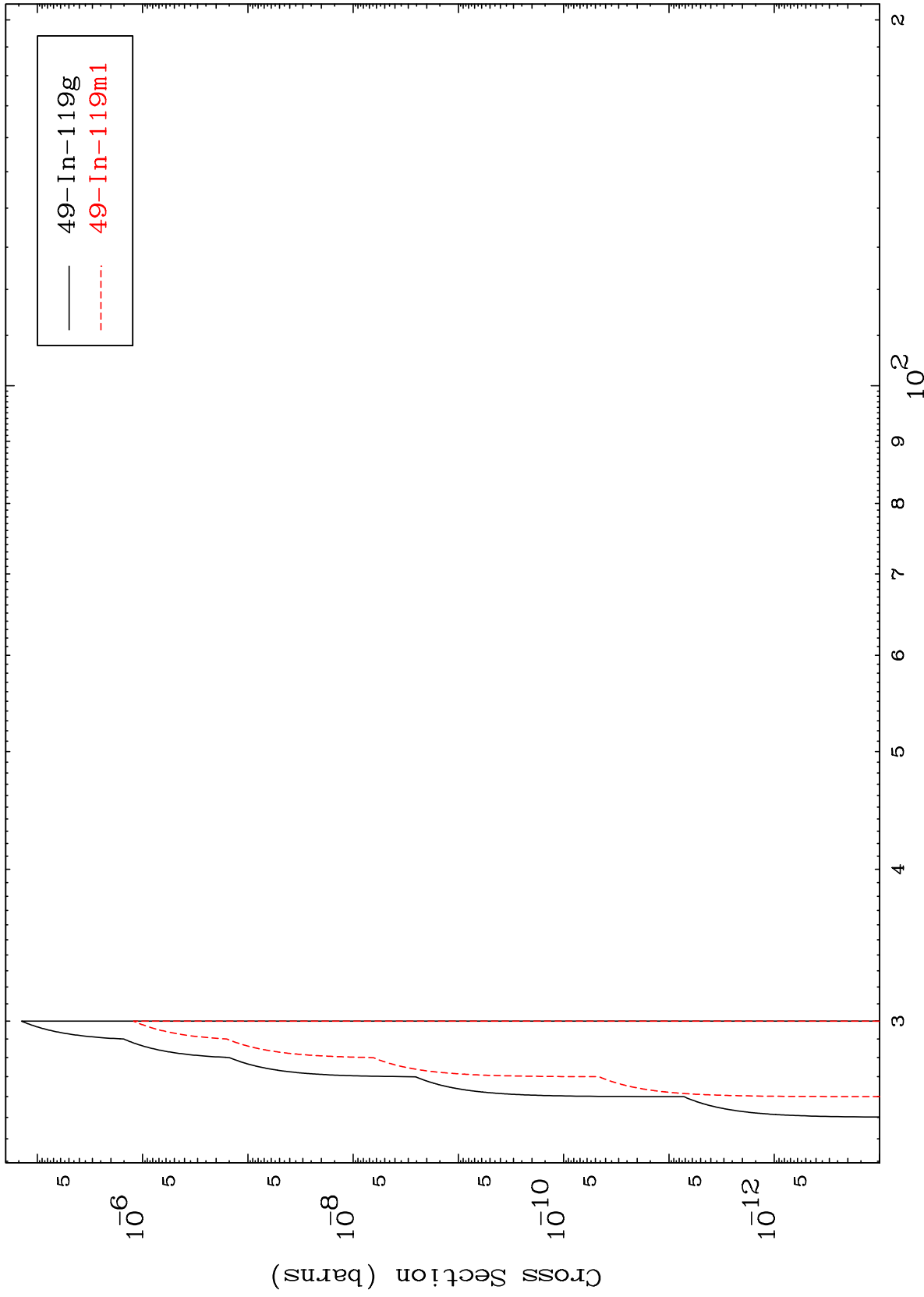
50-Sn-122

MAT 5055

(n,2n) d

50-Sn-122

Radionuclide Production Cross Section



130

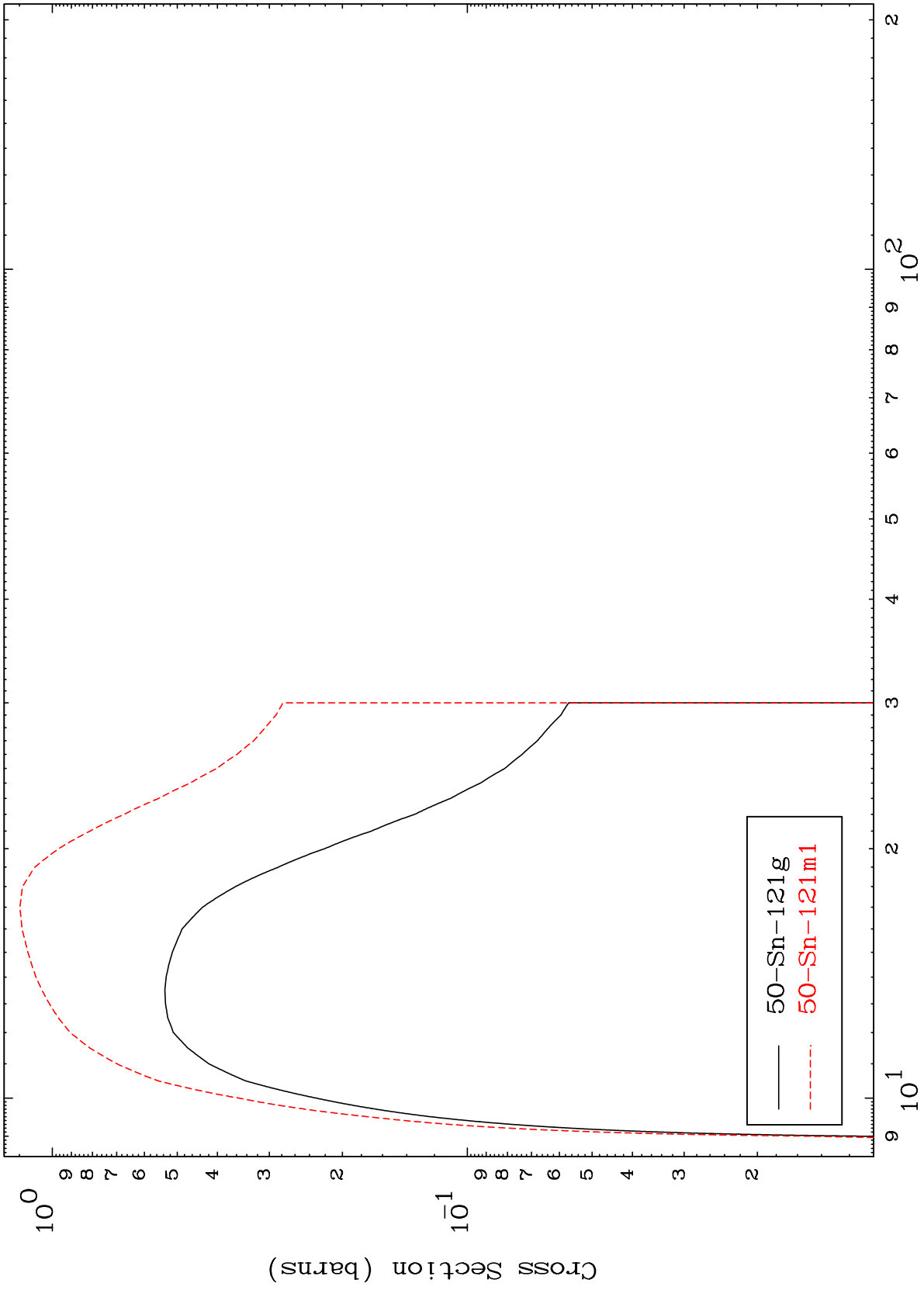
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

Radionuclide Production Cross Section  
(n,2n)



131

Incident Energy (MeV)

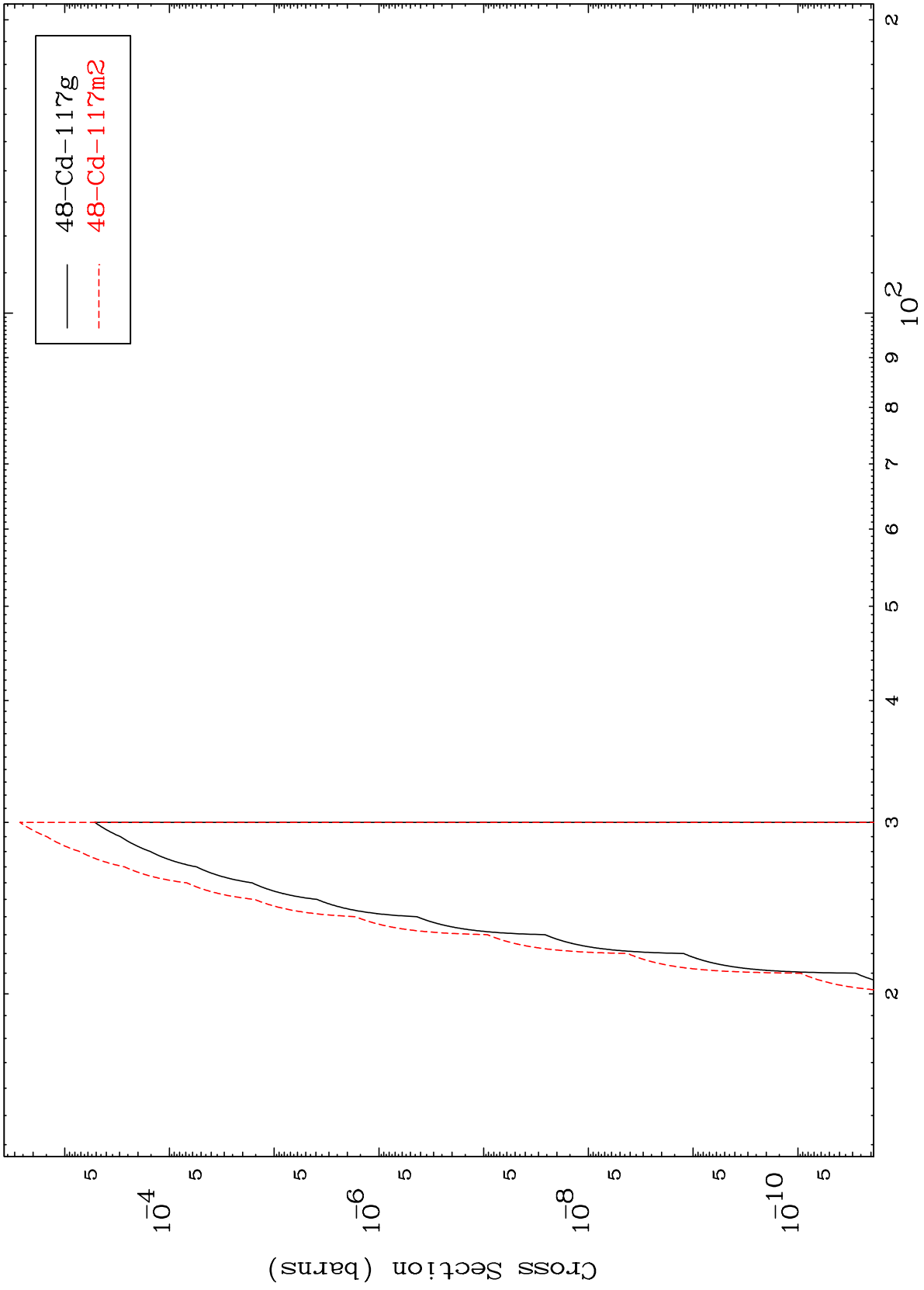
50-Sn-122

MAT 5055

(n,2n)  $\alpha$

50-Sn-122

Radionuclide Production Cross Section



132

Incident Energy (MeV)

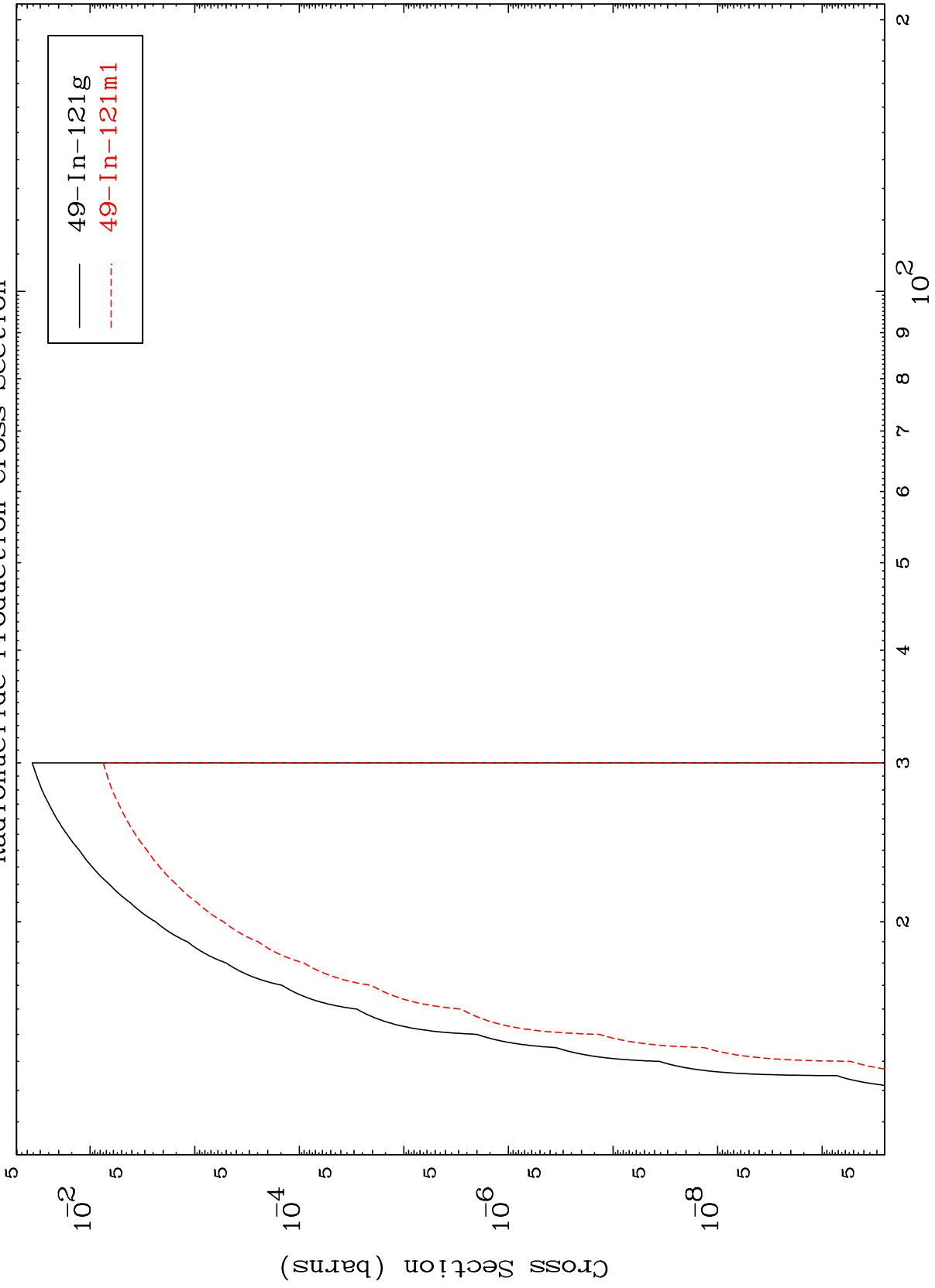
50-Sn-122

MAT 5055

(n,n') p

50-Sn-122

Radionuclide Production Cross Section



133

Incident Energy (MeV)

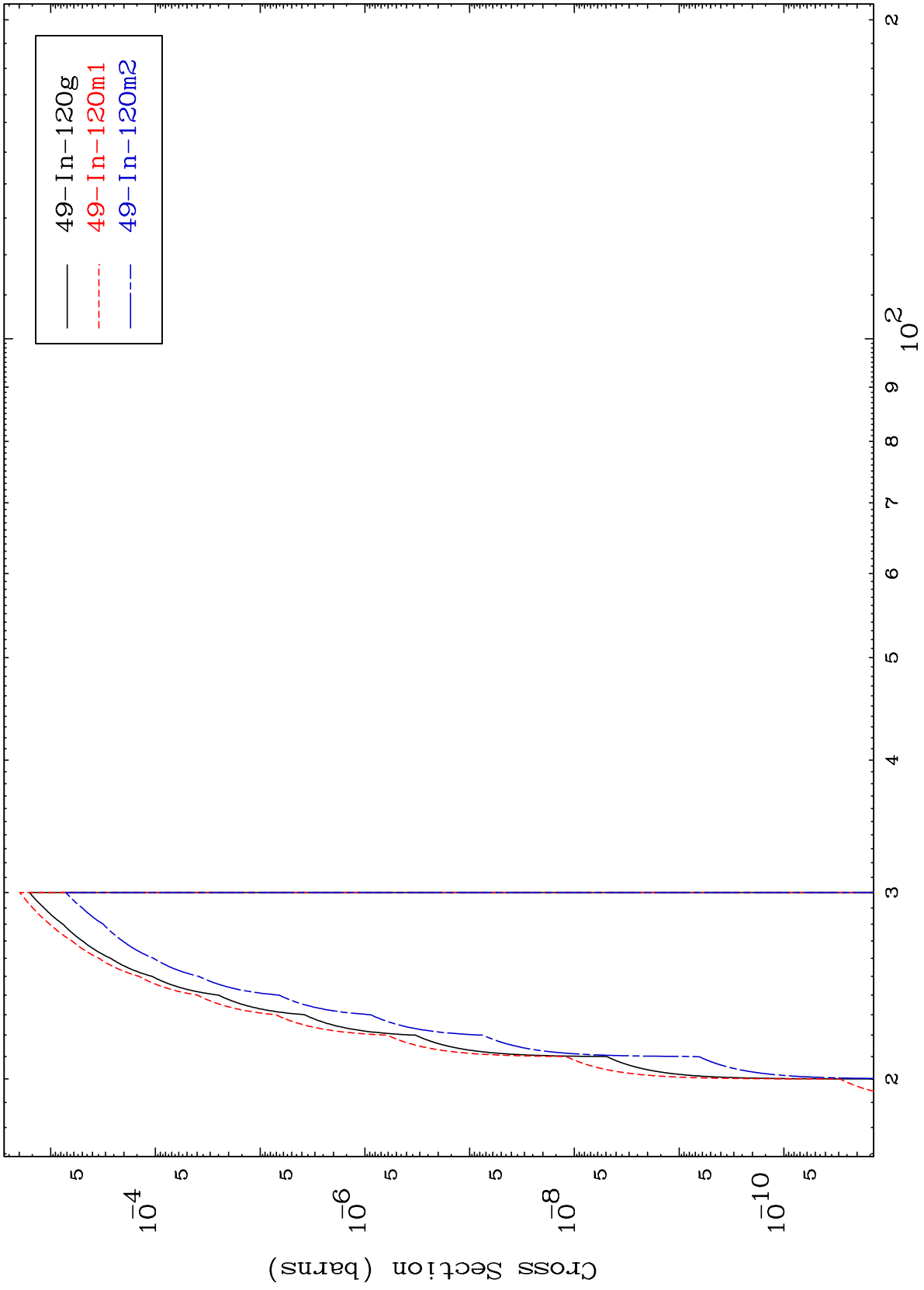
50-Sn-122

MAT 5055

(n,n') d

50-Sn-122

Radionuclide Production Cross Section



134

Incident Energy (MeV)

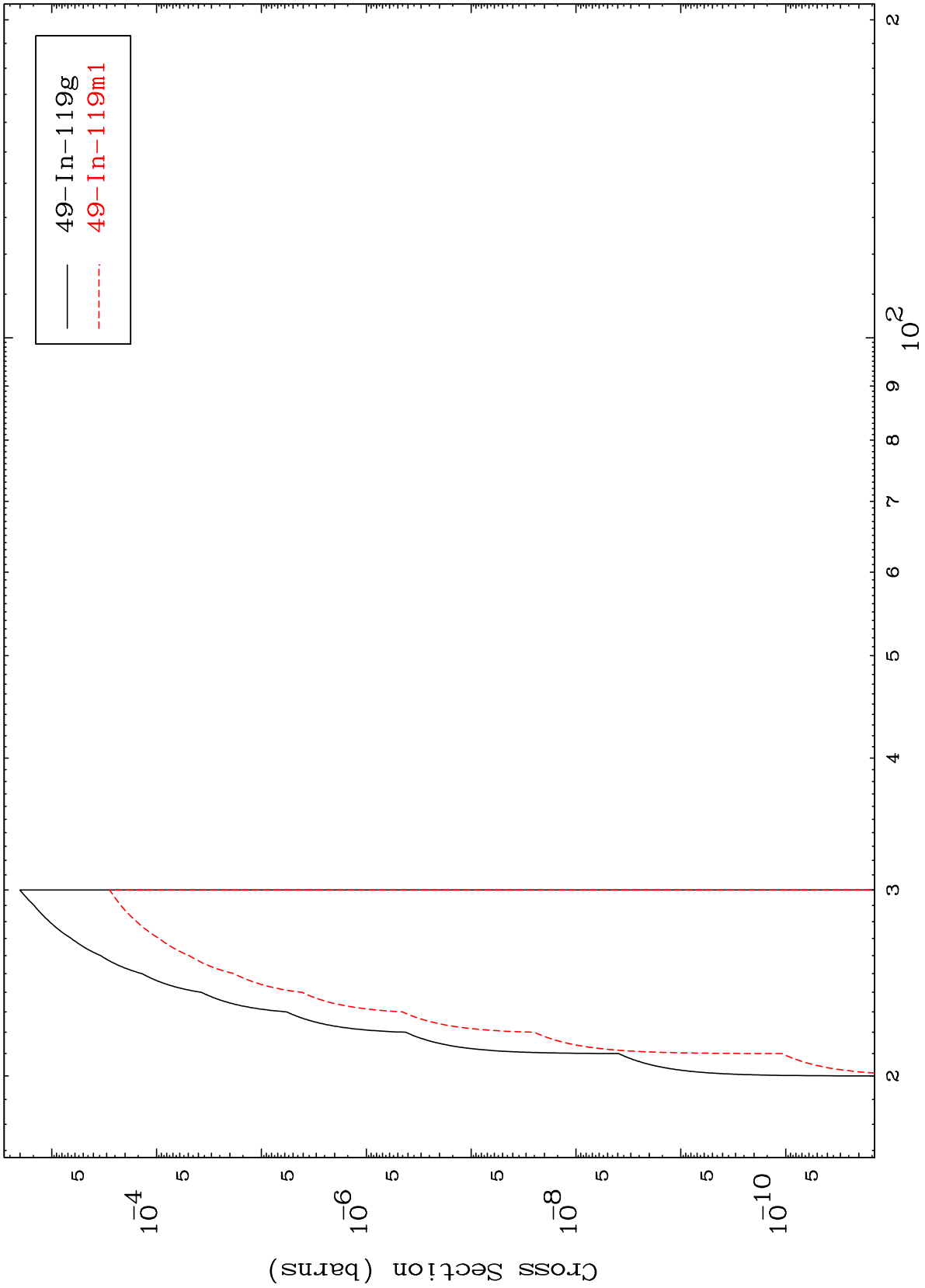
50-Sn-122

MAT 5055

(n,n') t

50-Sn-122

Radionuclide Production Cross Section



135

Incident Energy (MeV)

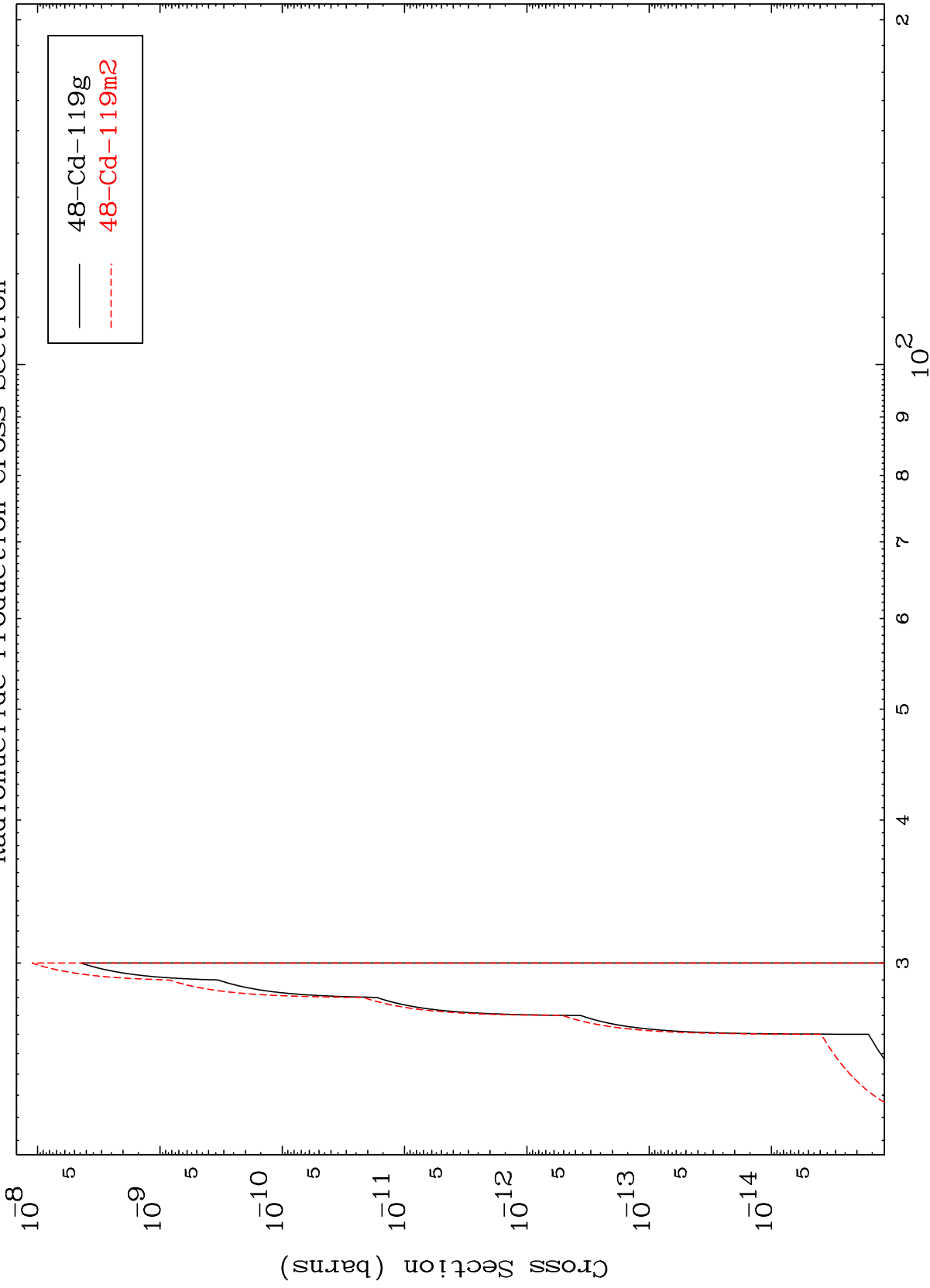
50-Sn-122

MAT 5055

(n, n') He-3

50-Sn-122

Radionuclide Production Cross Section



136

Incident Energy (MeV)

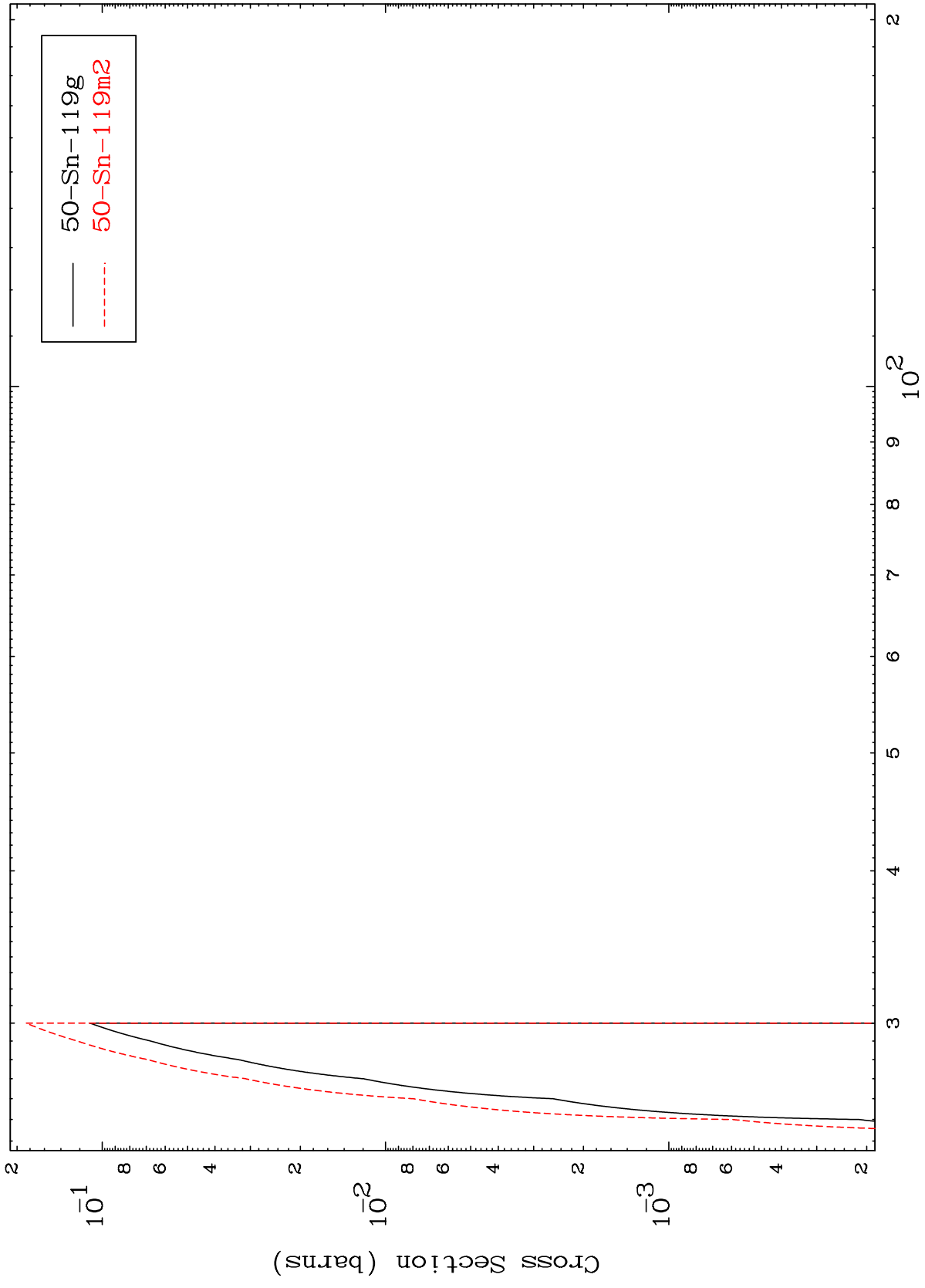
50-Sn-122

MAT 5055

(n,4n)

50-Sn-122

Radionuclide Production Cross Section



137

Incident Energy (MeV)

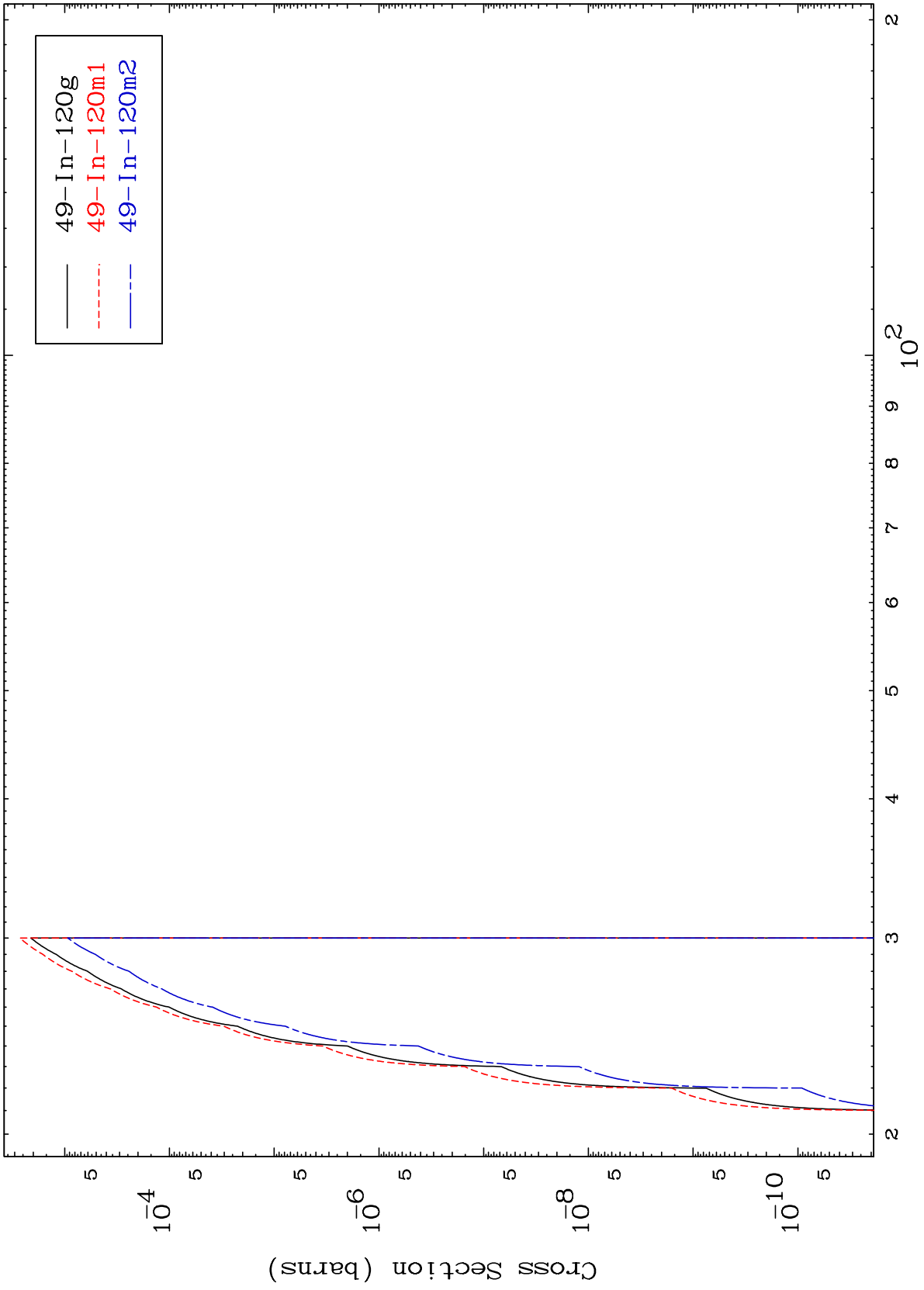
50-Sn-122

MAT 5055

(n,2n) p

50-Sn-122

Radionuclide Production Cross Section



138

Incident Energy (MeV)

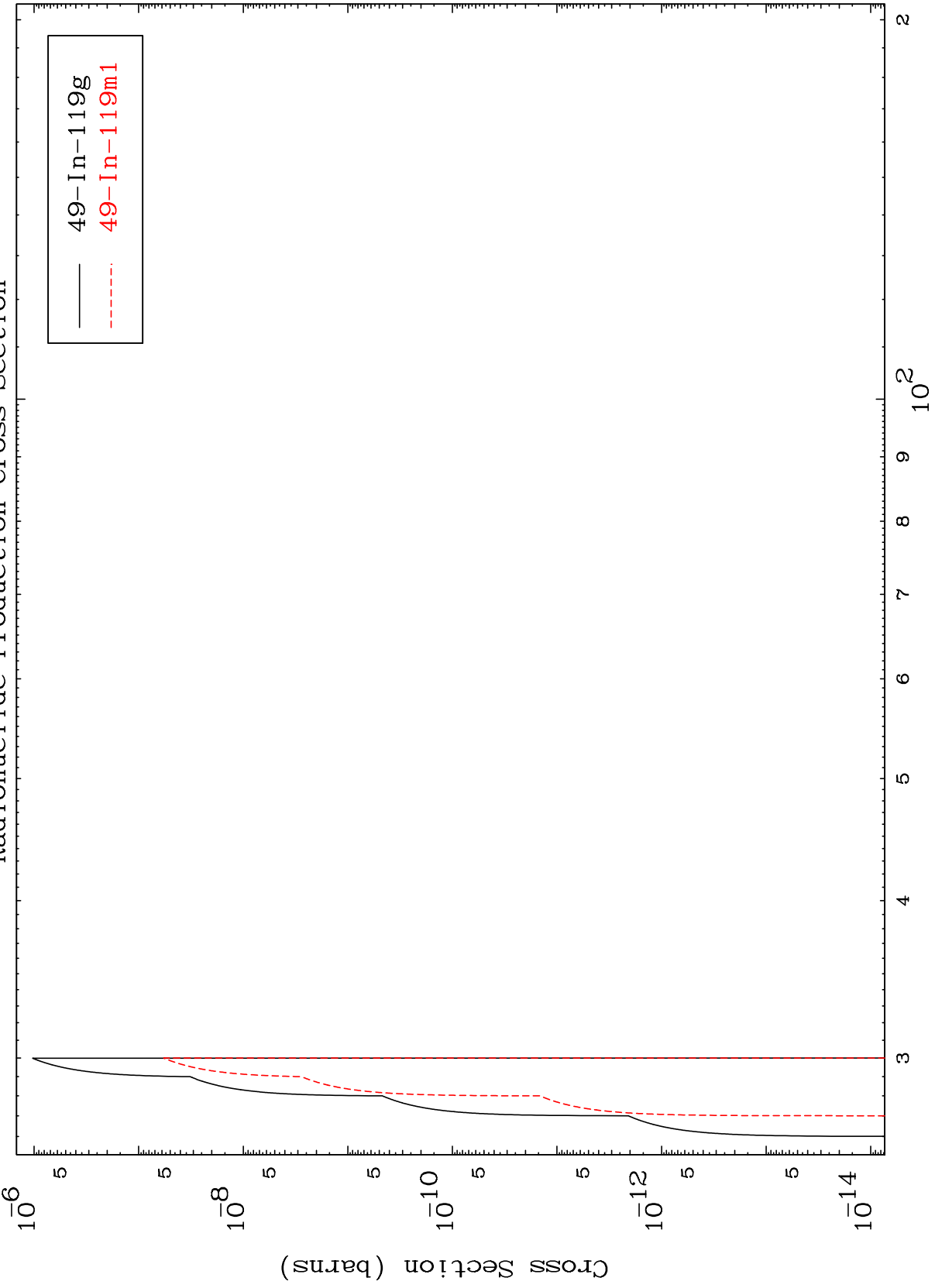
50-Sn-122

MAT 5055

(n,3n) p

50-Sn-122

Radionuclide Production Cross Section



139

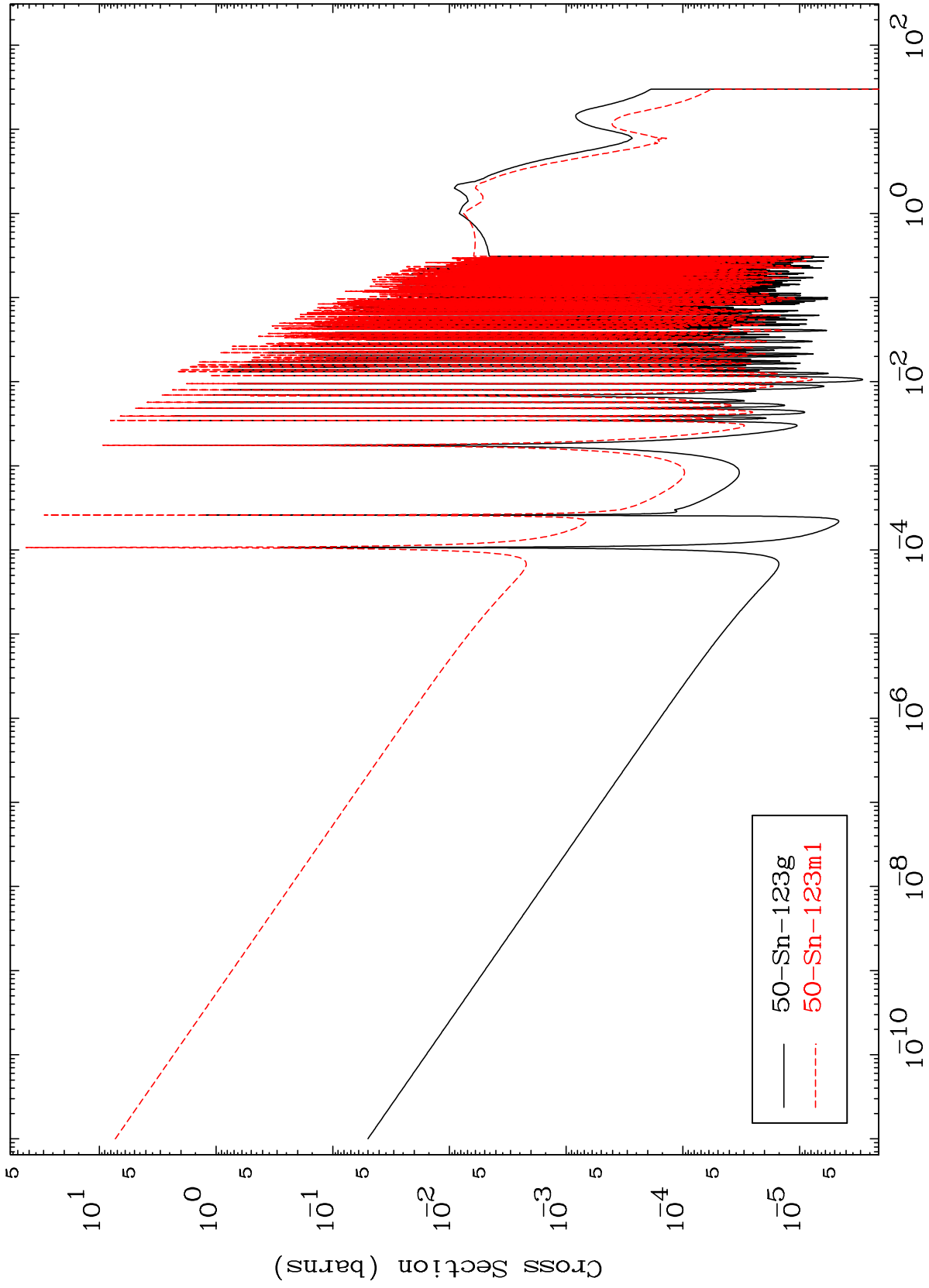
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

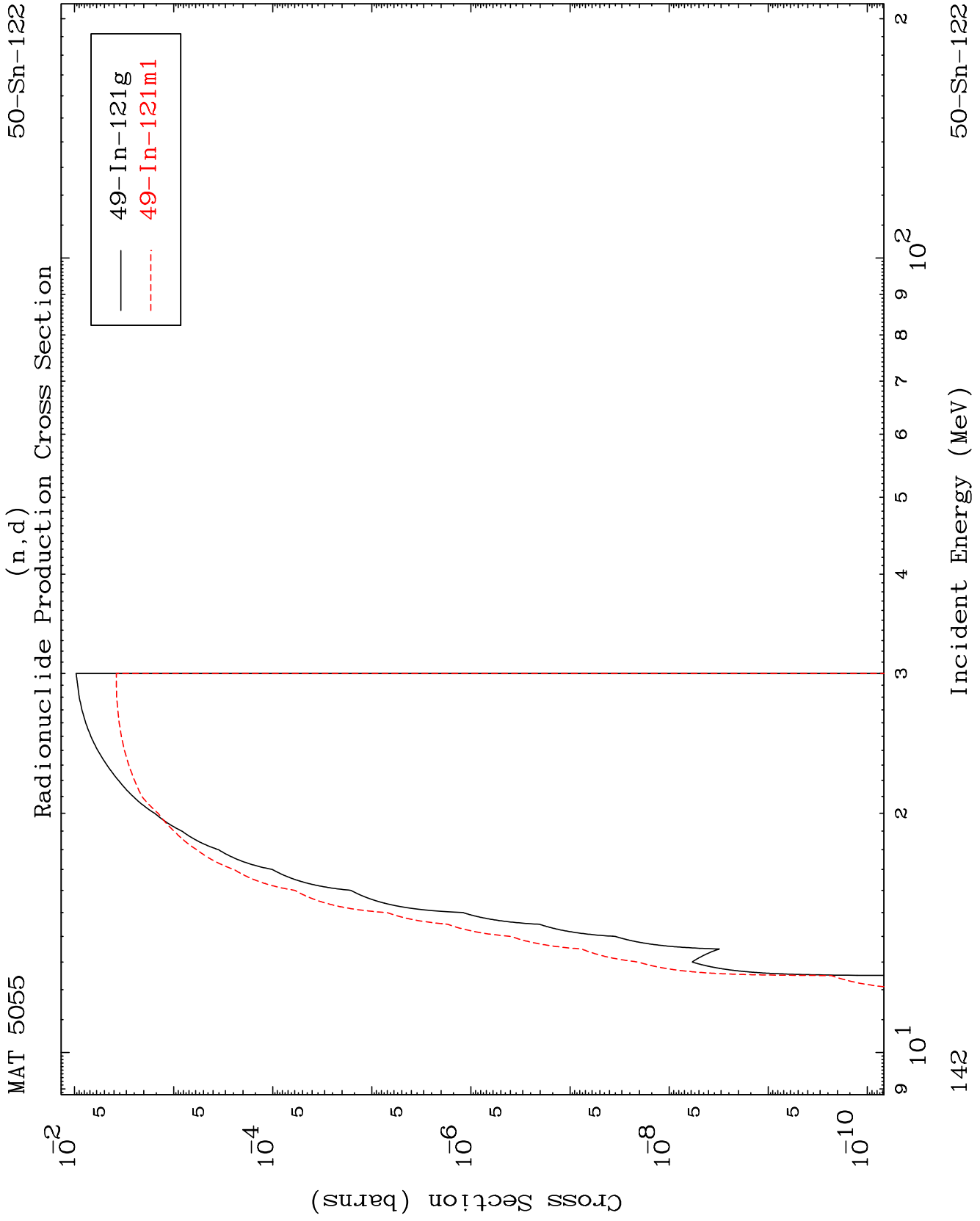
(n,γ)  
Radionuclide Production Cross Section



140

50-Sn-122

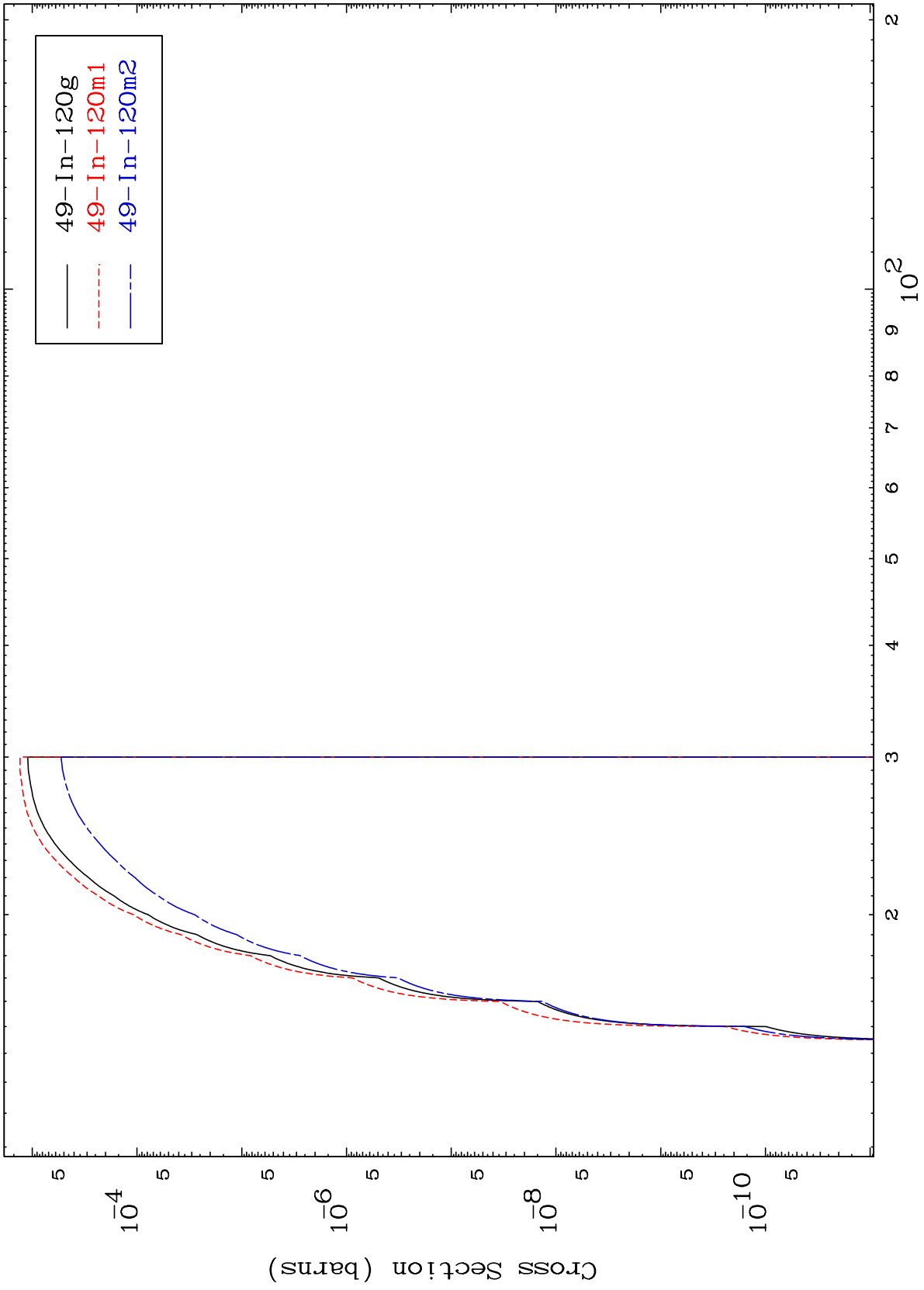




MAT 5055

50-Sn-122

(n, t)  
Radionuclide Production Cross Section



143

50-Sn-122

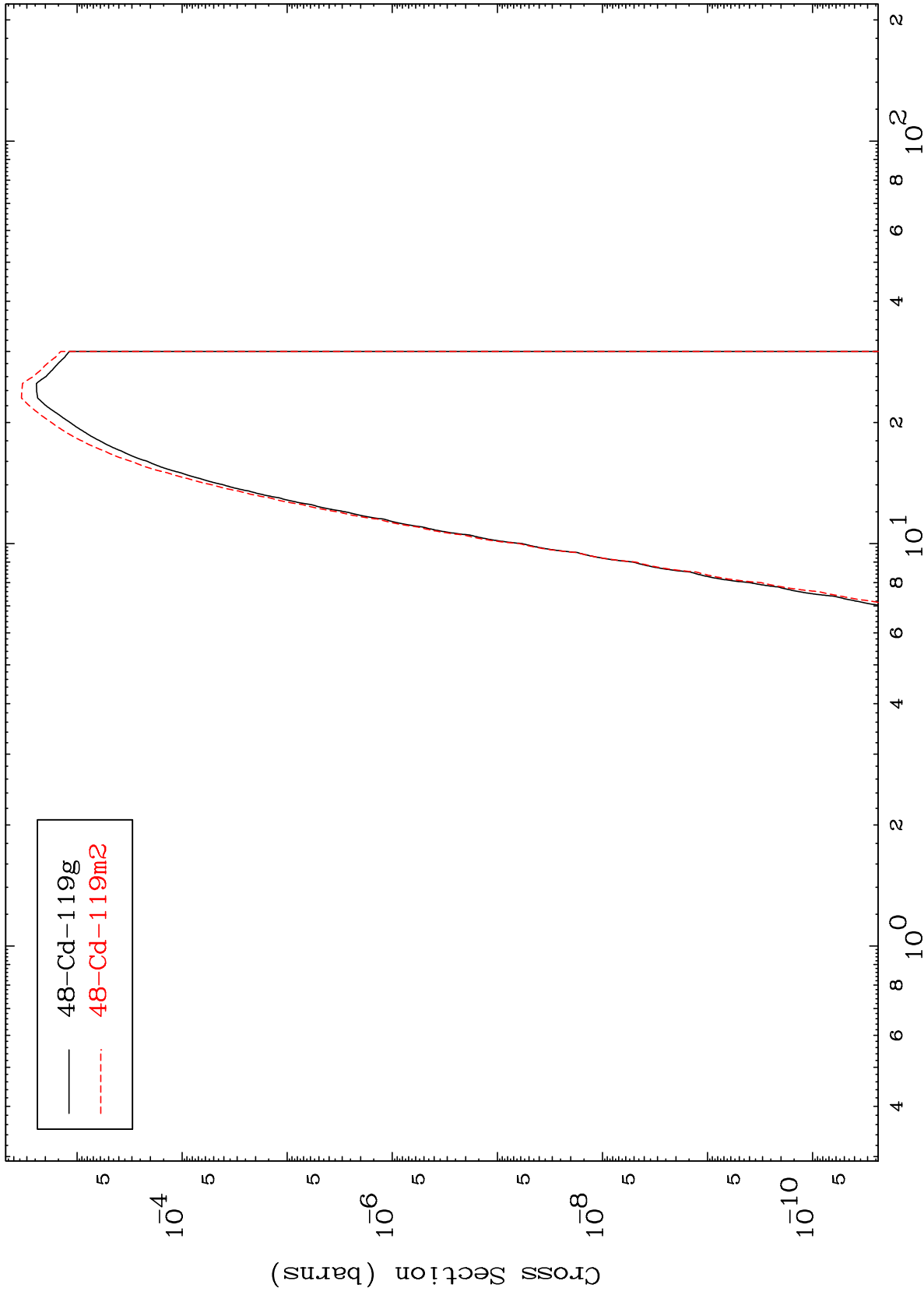
Incident Energy (MeV)

MAT 5055

(n,  $\alpha$ )

50-Sn-122

Radionuclide Production Cross Section



144

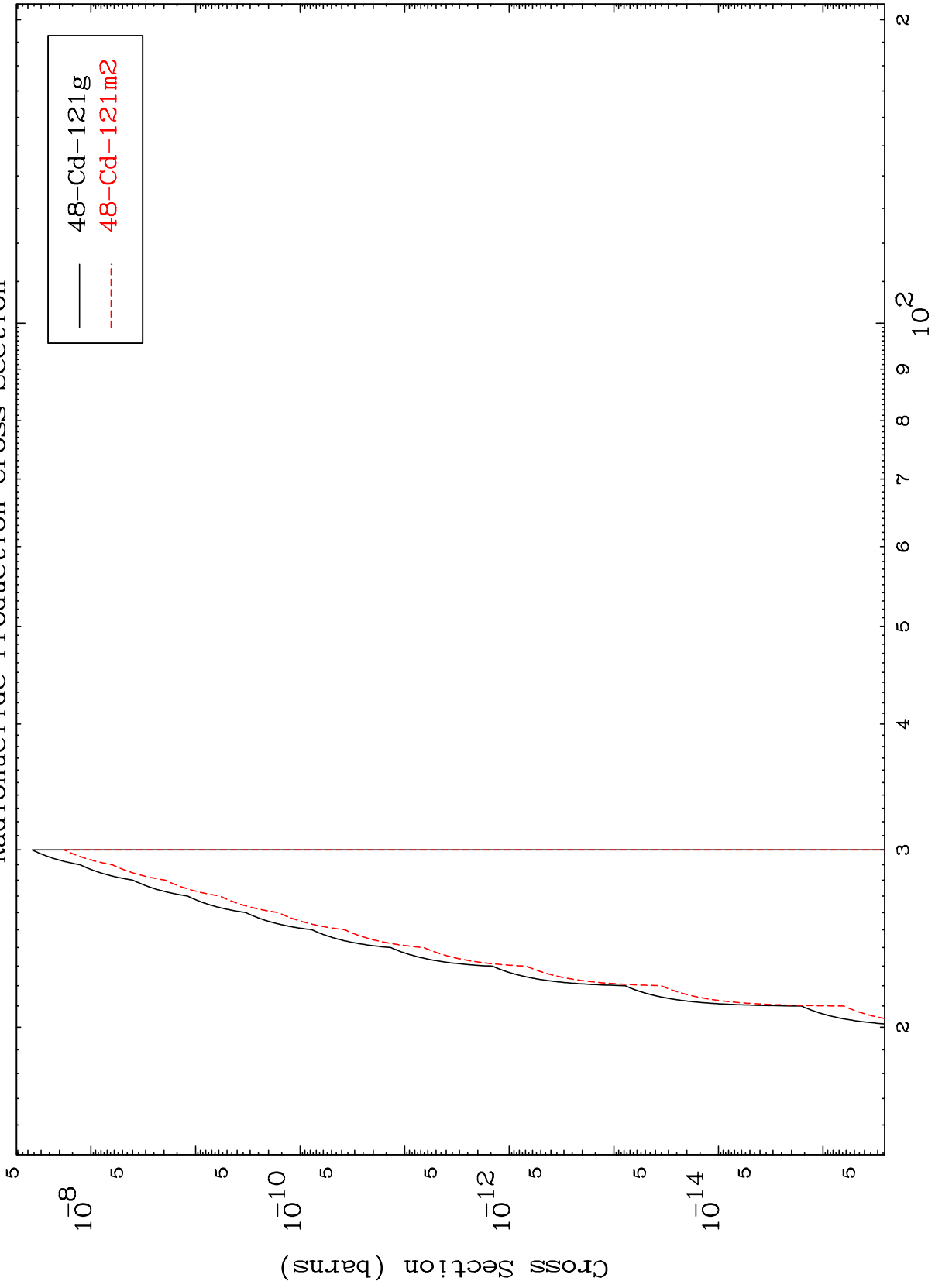
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

(n,2p)  
Radionuclide Production Cross Section



145

50-Sn-122

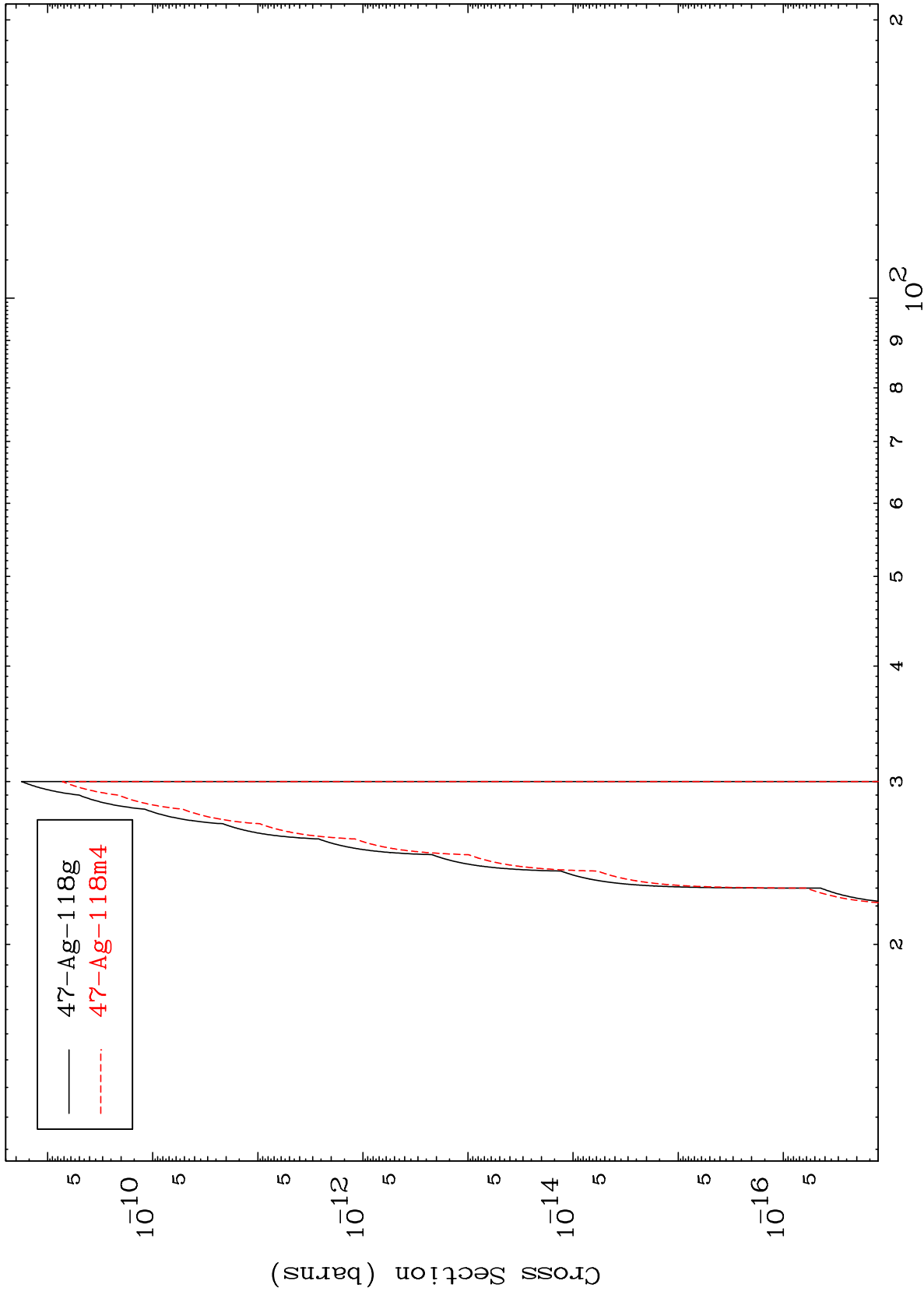
Incident Energy (MeV)

MAT 5055

(n,p)  $\alpha$

50-Sn-122

Radionuclide Production Cross Section



47-Ag-118g  
47-Ag-118m4

146

Incident Energy (MeV)

50-Sn-122