

Program EVALPLOT  
(Version 2021-1)

by

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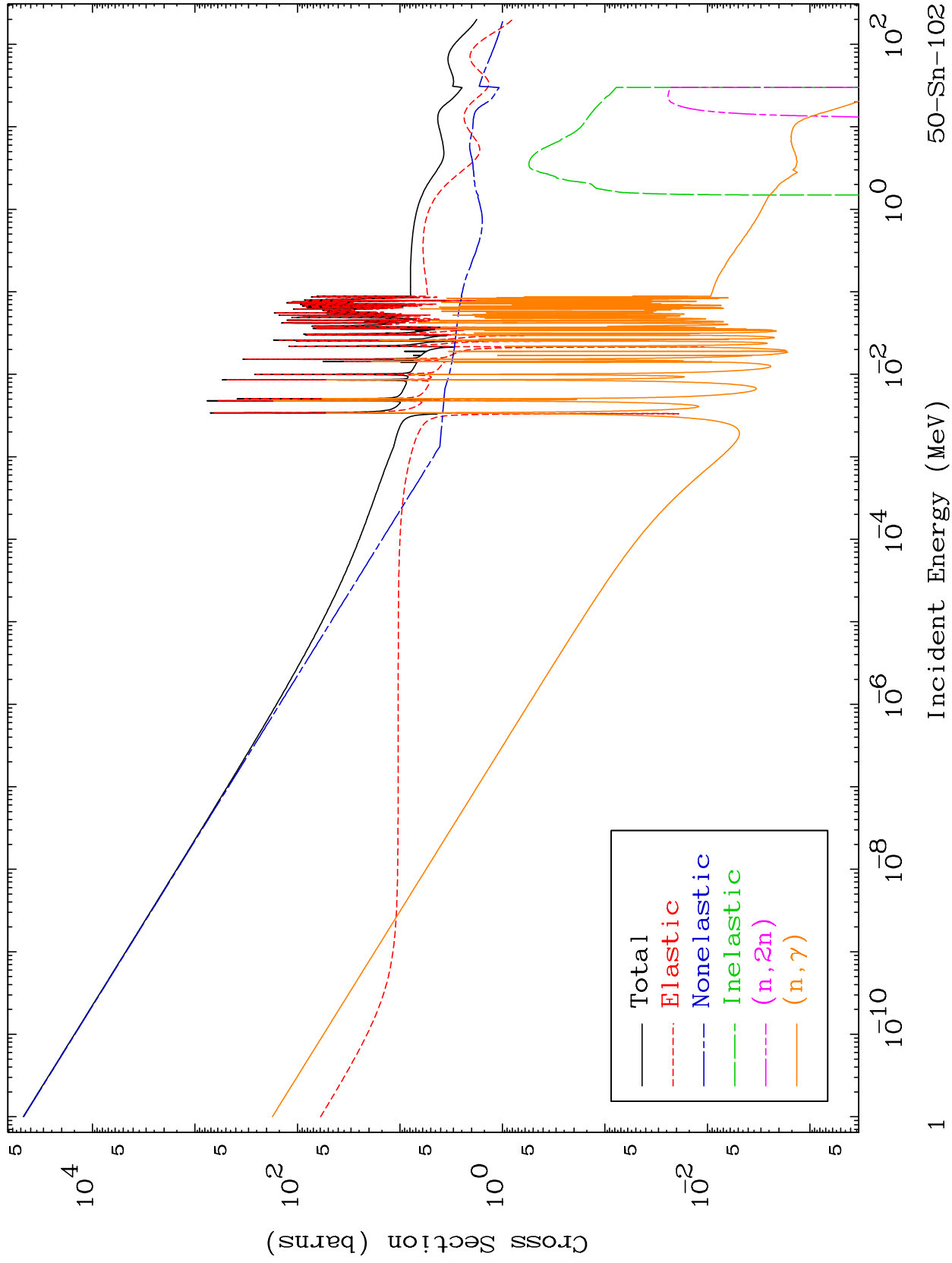
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4995

Neutron Major  
293 Kelvin Cross Sections

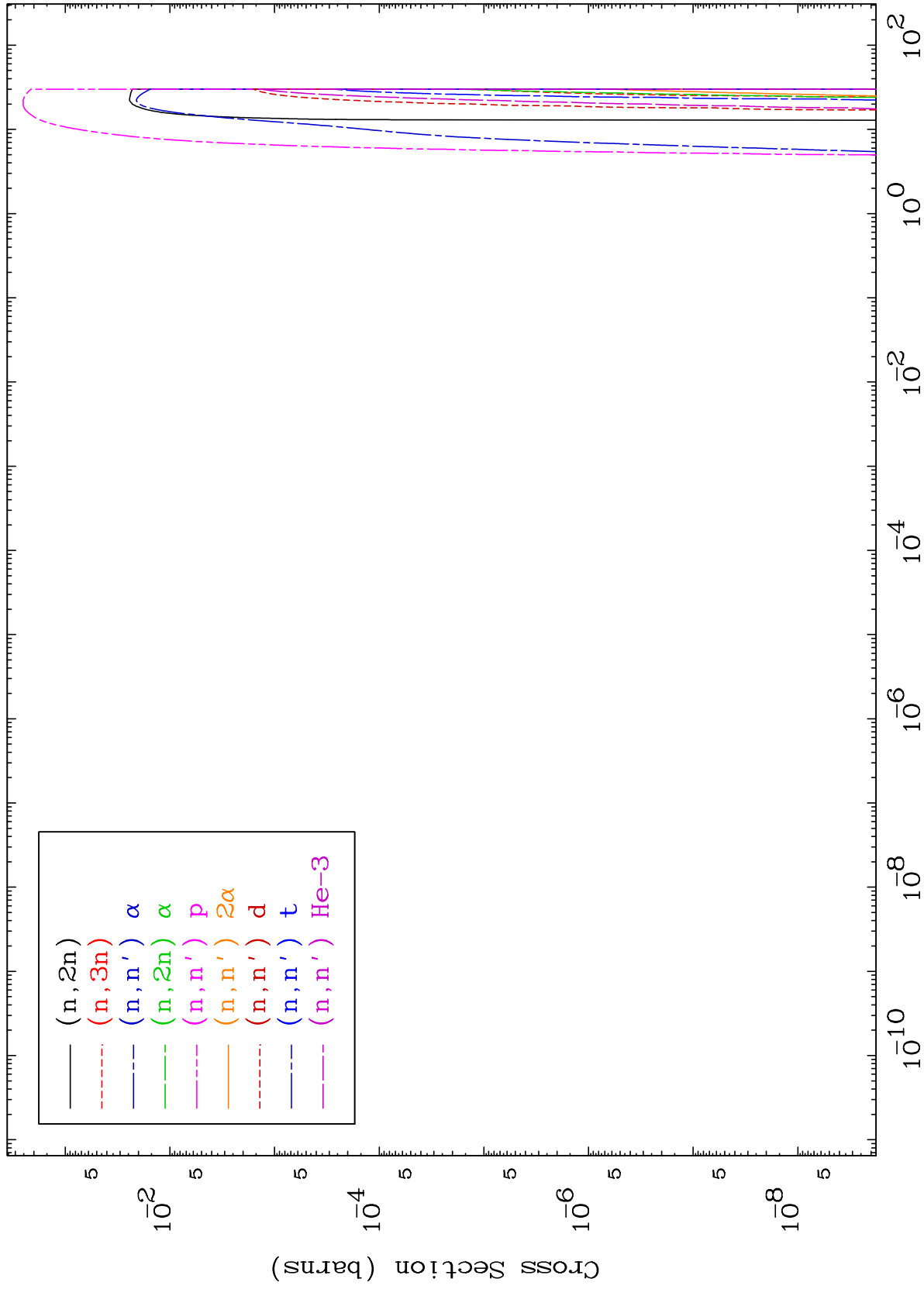
50-Sn-102



MAT 4995

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-102



2

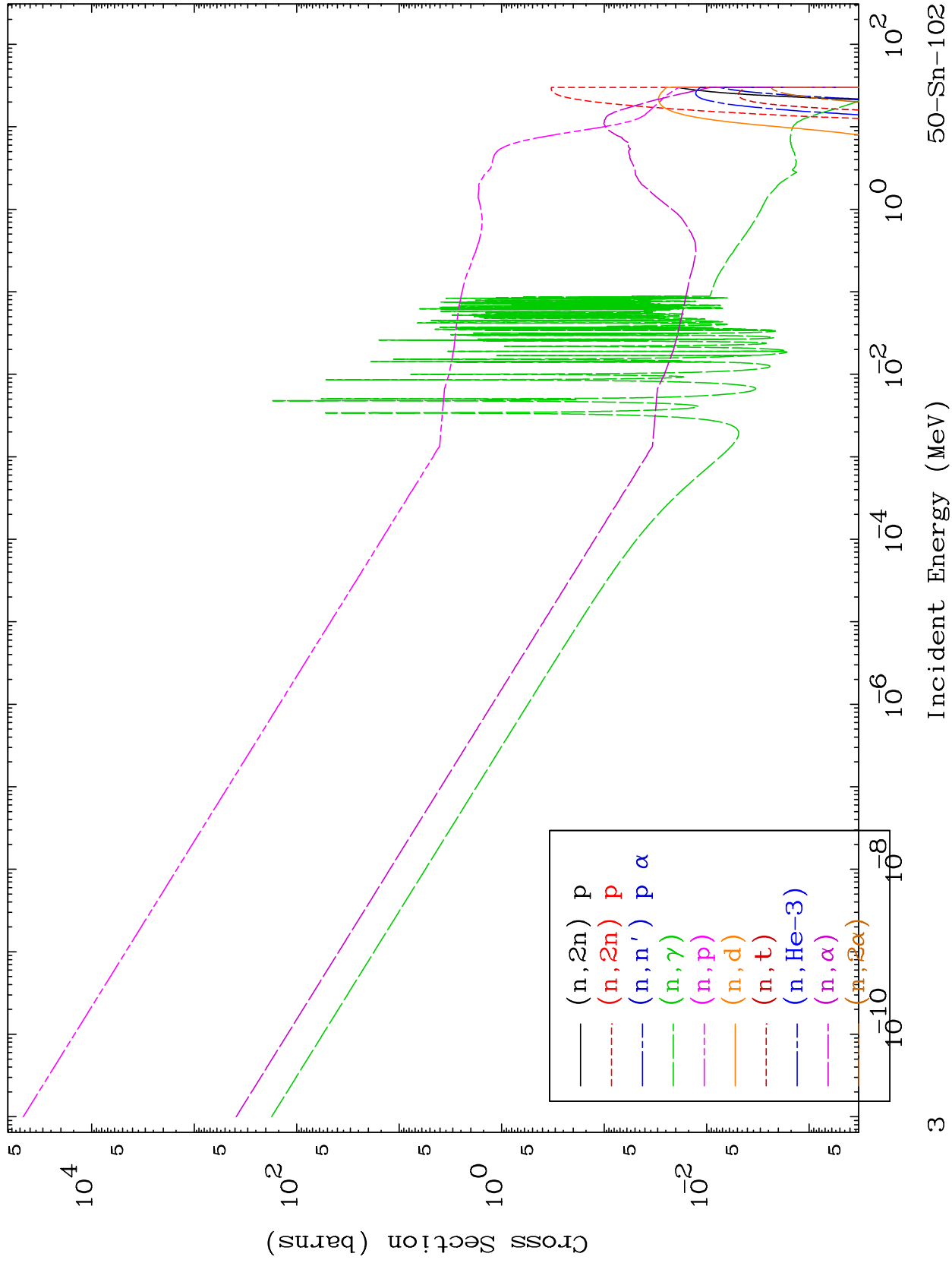
Incident Energy (MeV)

50-Sn-102

MAT 4995

Neutron Absorption  
293 Kelvin Cross Sections

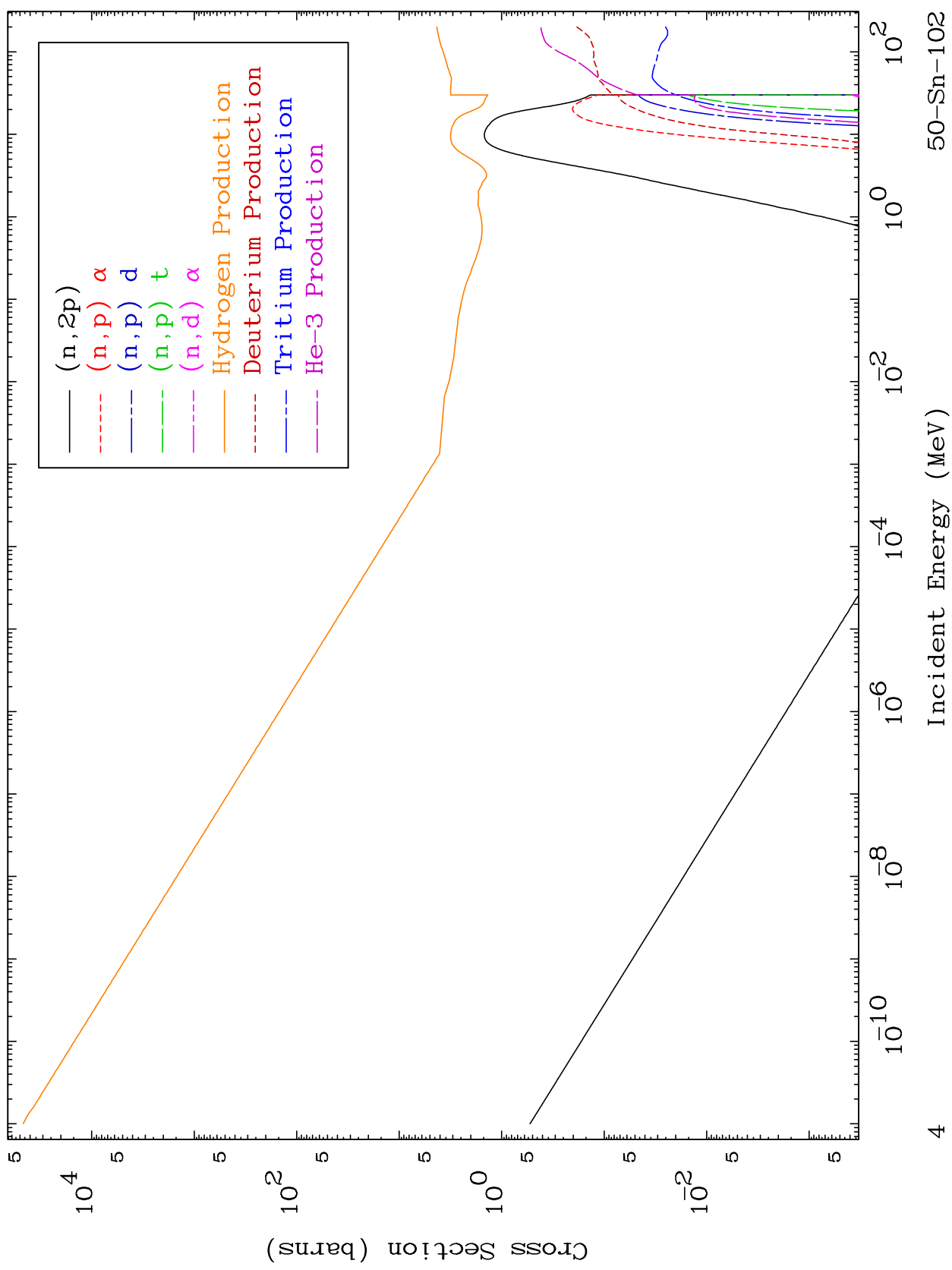
50-Sn-102



MAT 4995

Neutron Absorption  
293 Kelvin Cross Sections

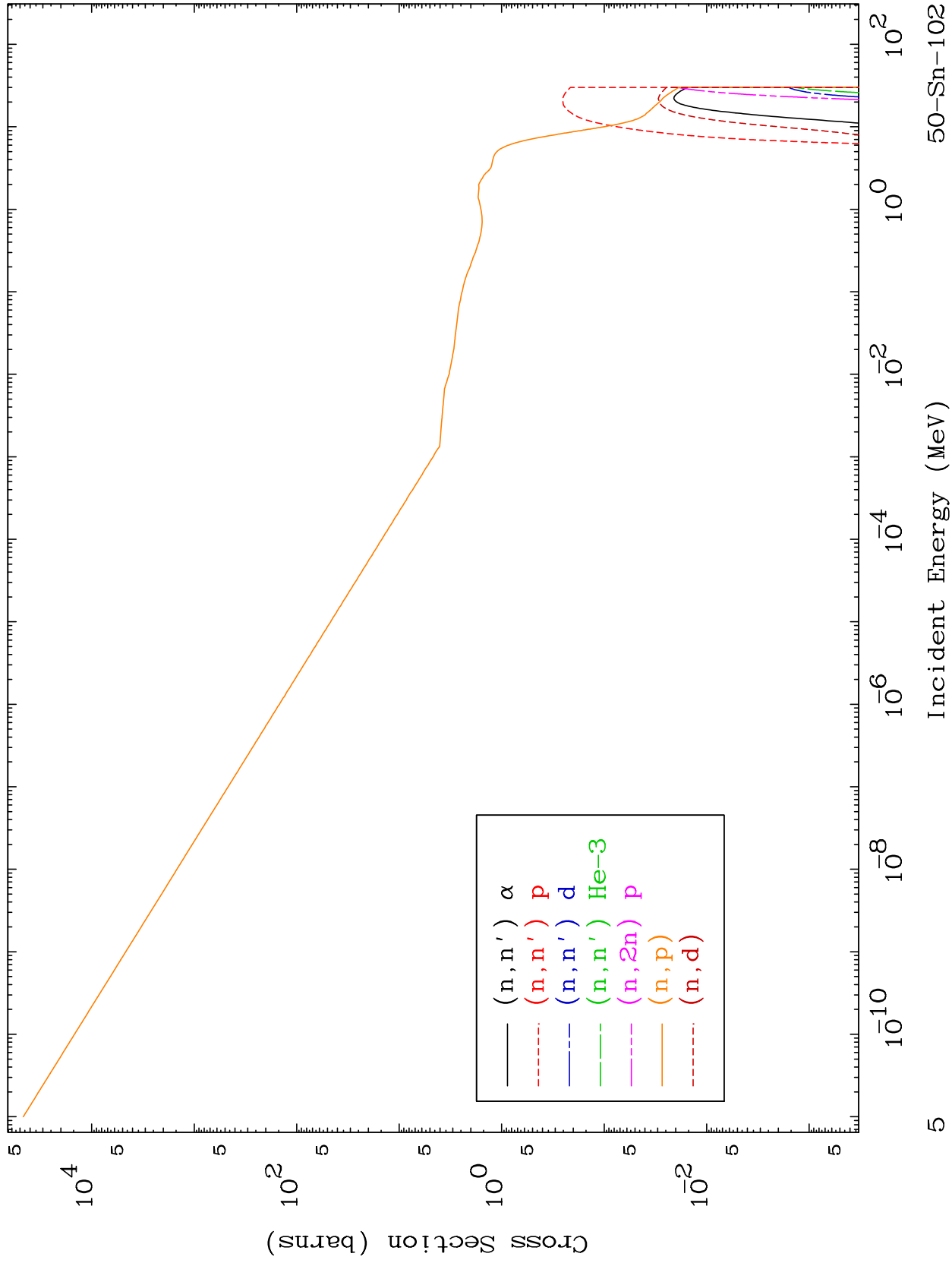
50-Sn-102



MAT 4995

Charged Particle  
293 Kelvin Cross Sections

50-Sn-102

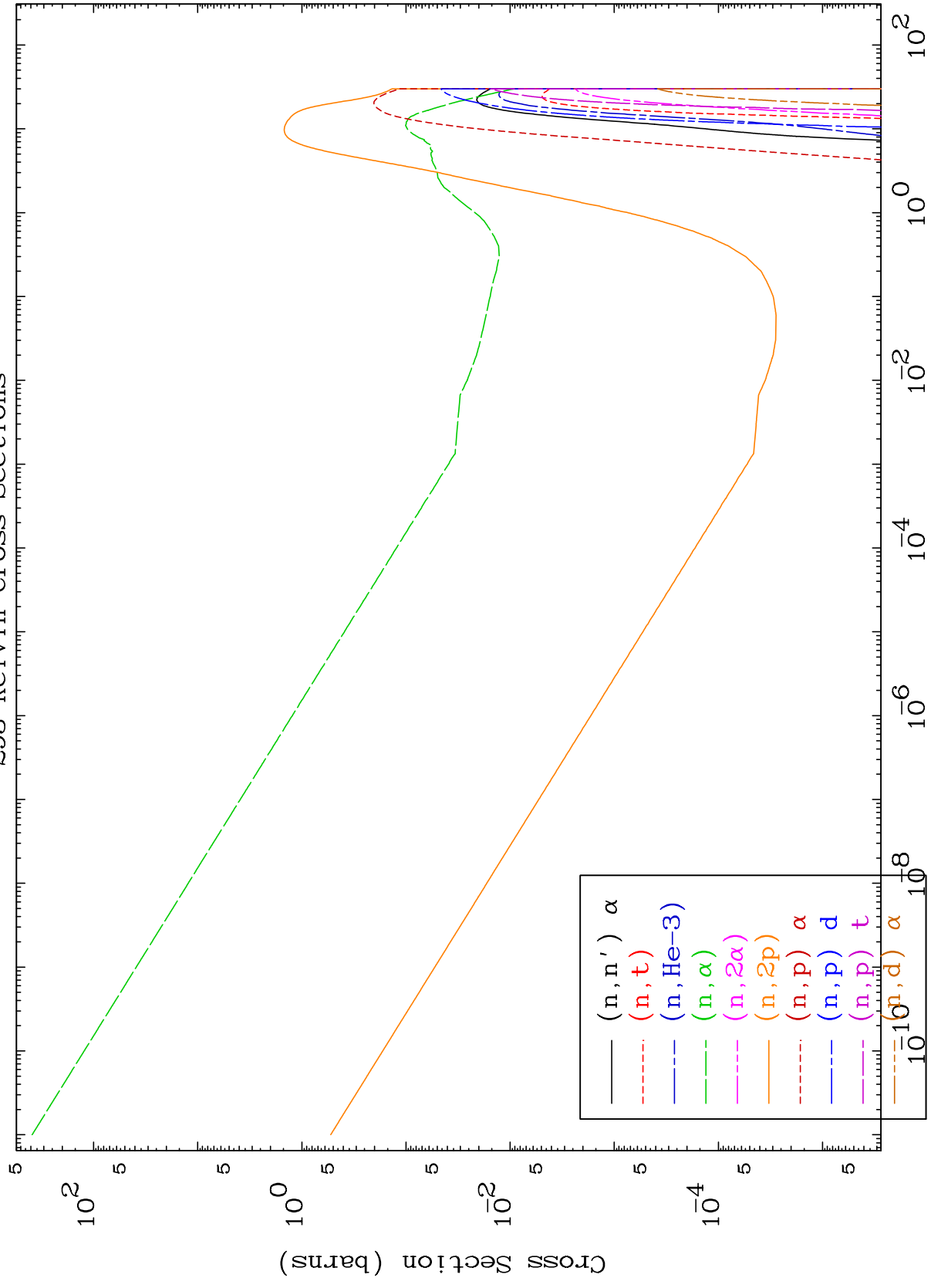


5

MAT 4995

293 Kelvin Cross Sections

50-Sn-102



6

50-Sn-102



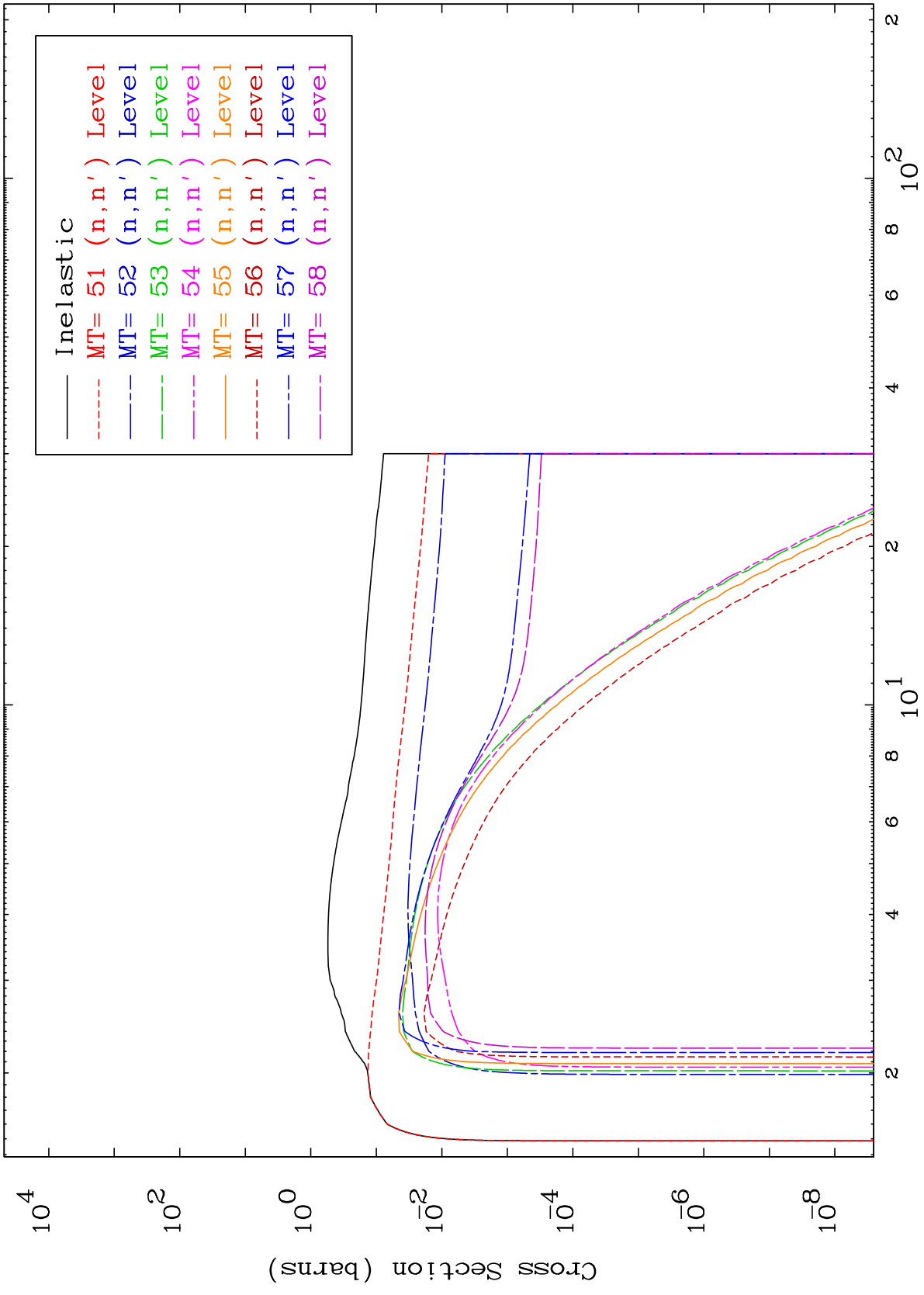


MAT 4995

(n,n') Levels

50-Sn-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

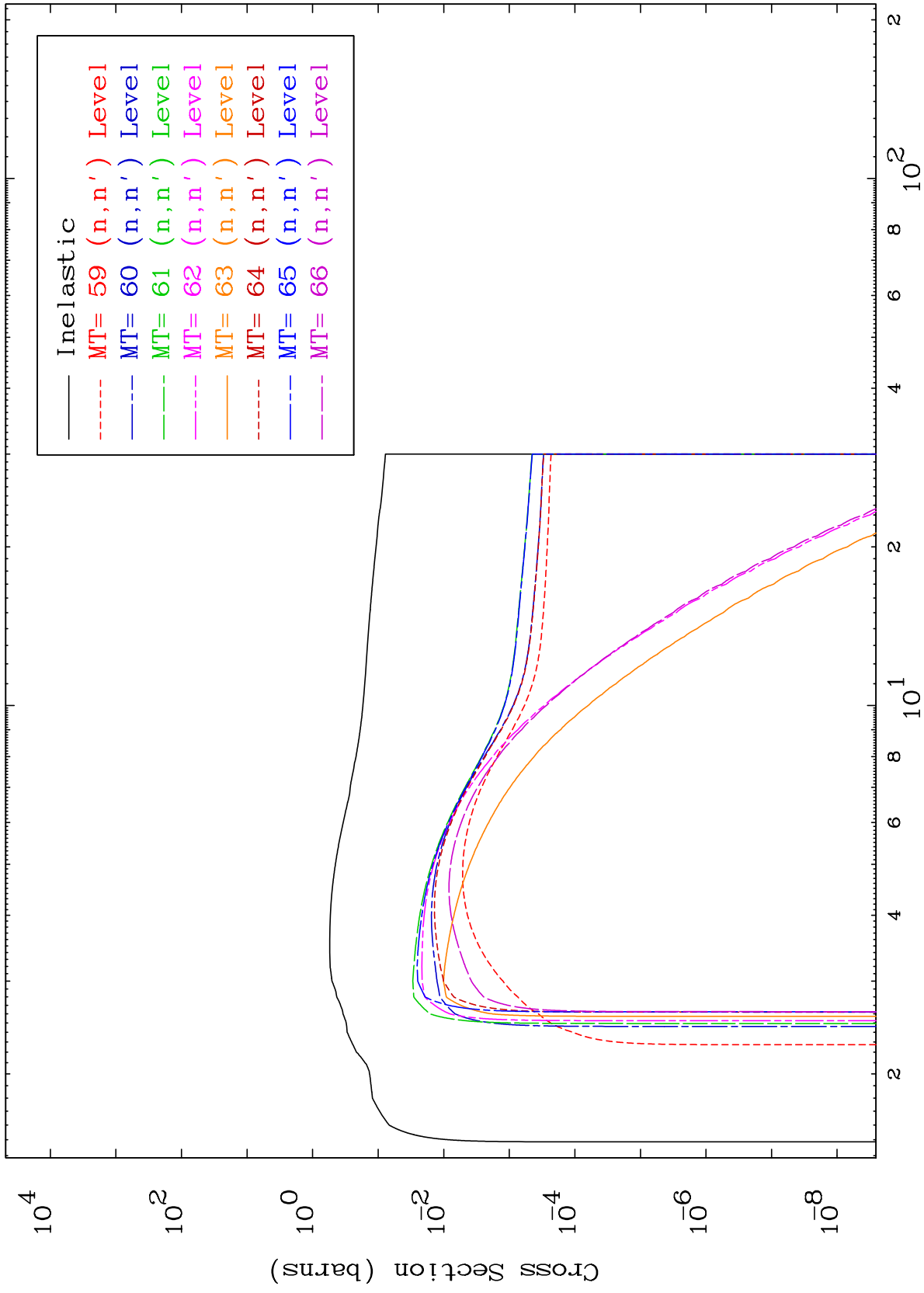
50-Sn-102

MAT 4995

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-102



9

Incident Energy (MeV)

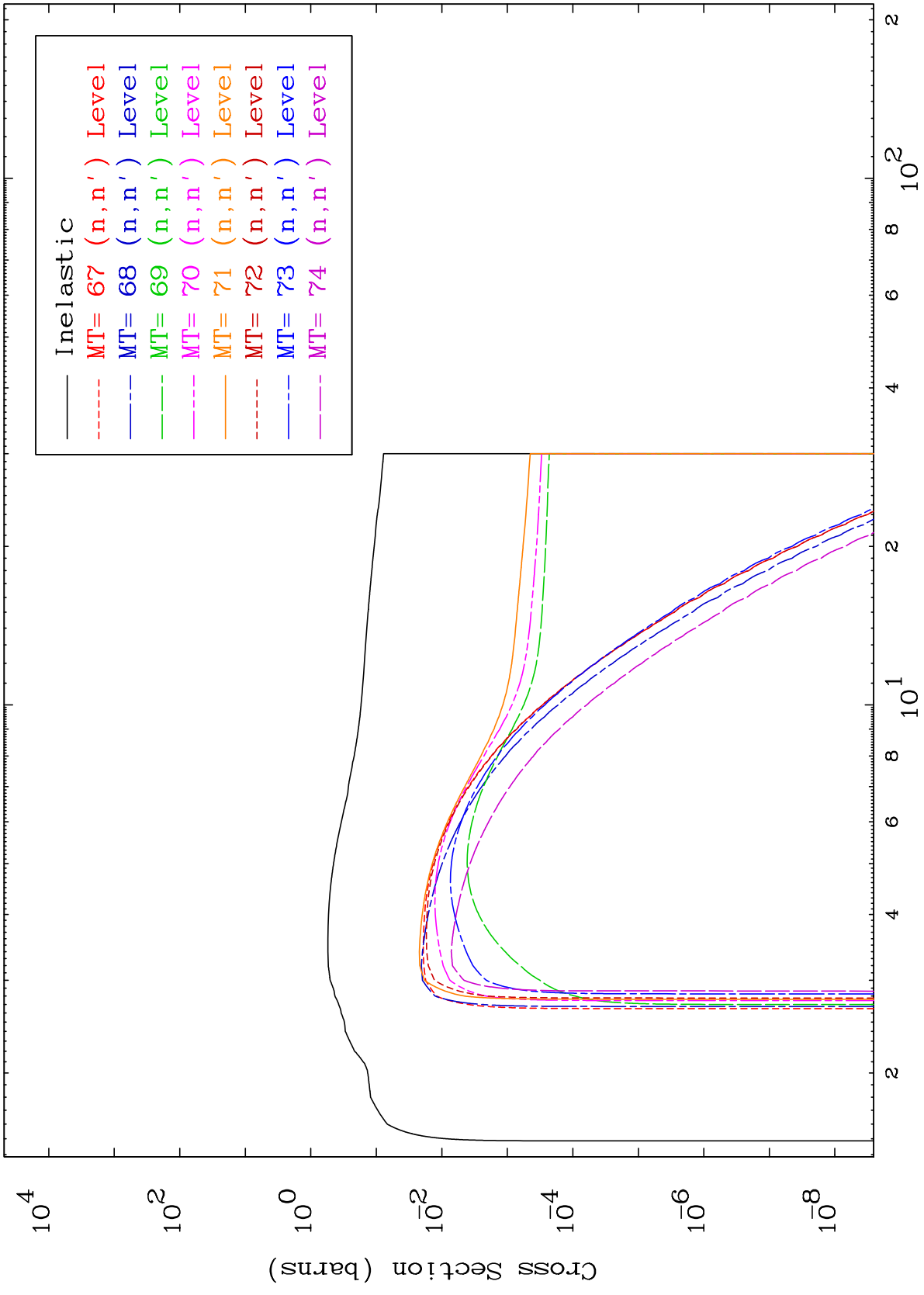
50-Sn-102

MAT 4995

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-102



10

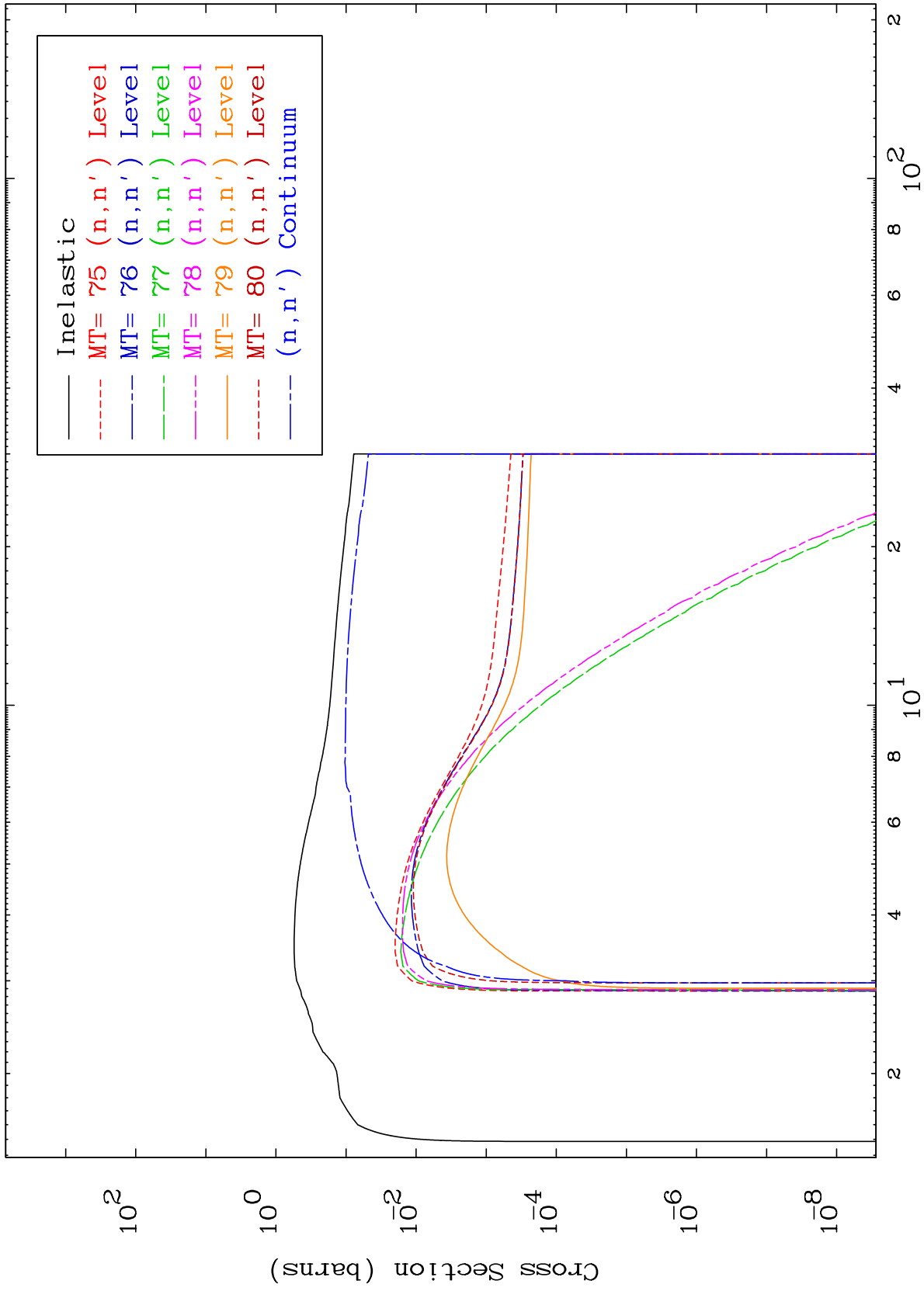
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,n') Levels  
293 Kelvin Cross Sections

50-Sn-102



11

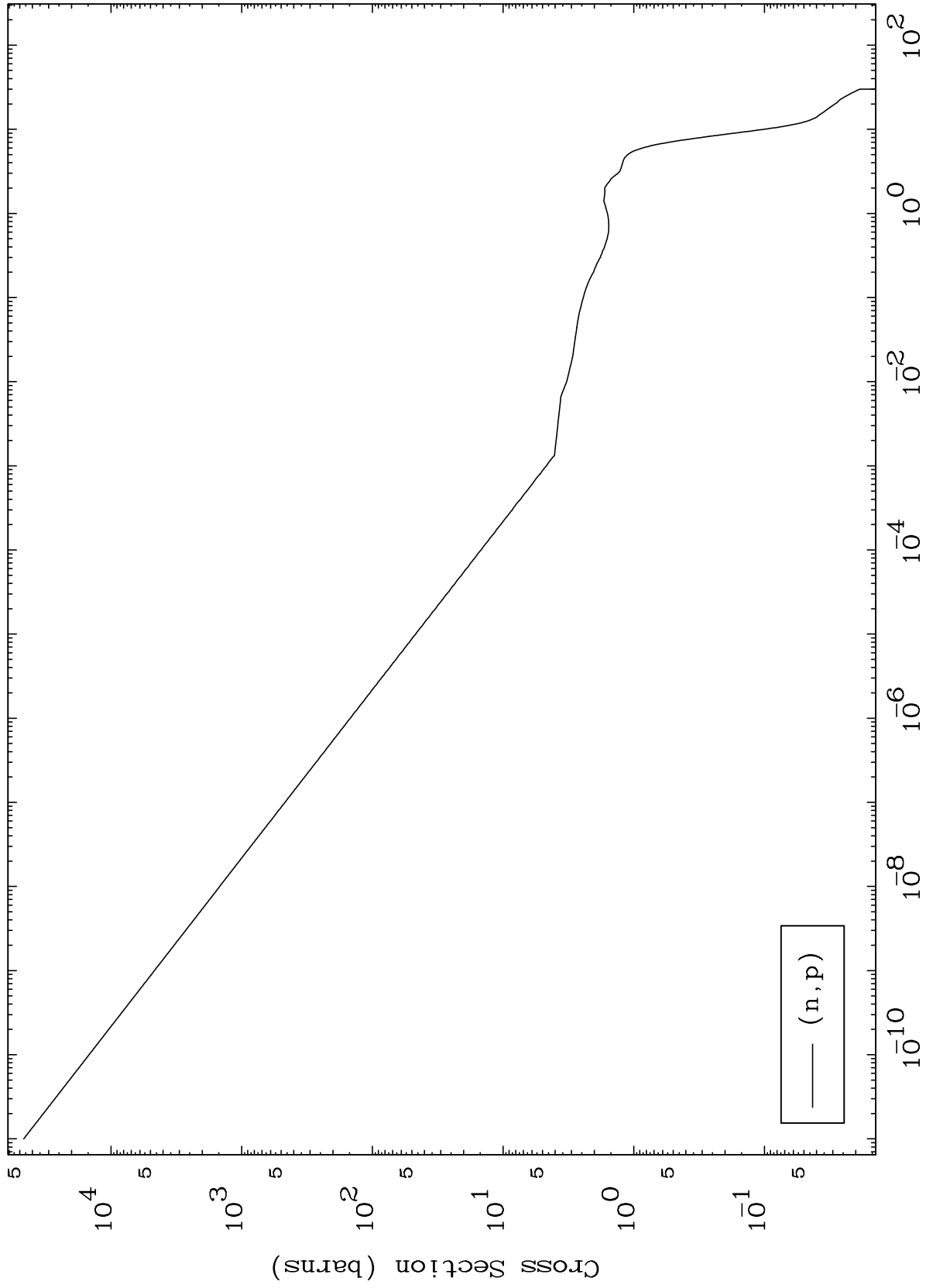
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-102

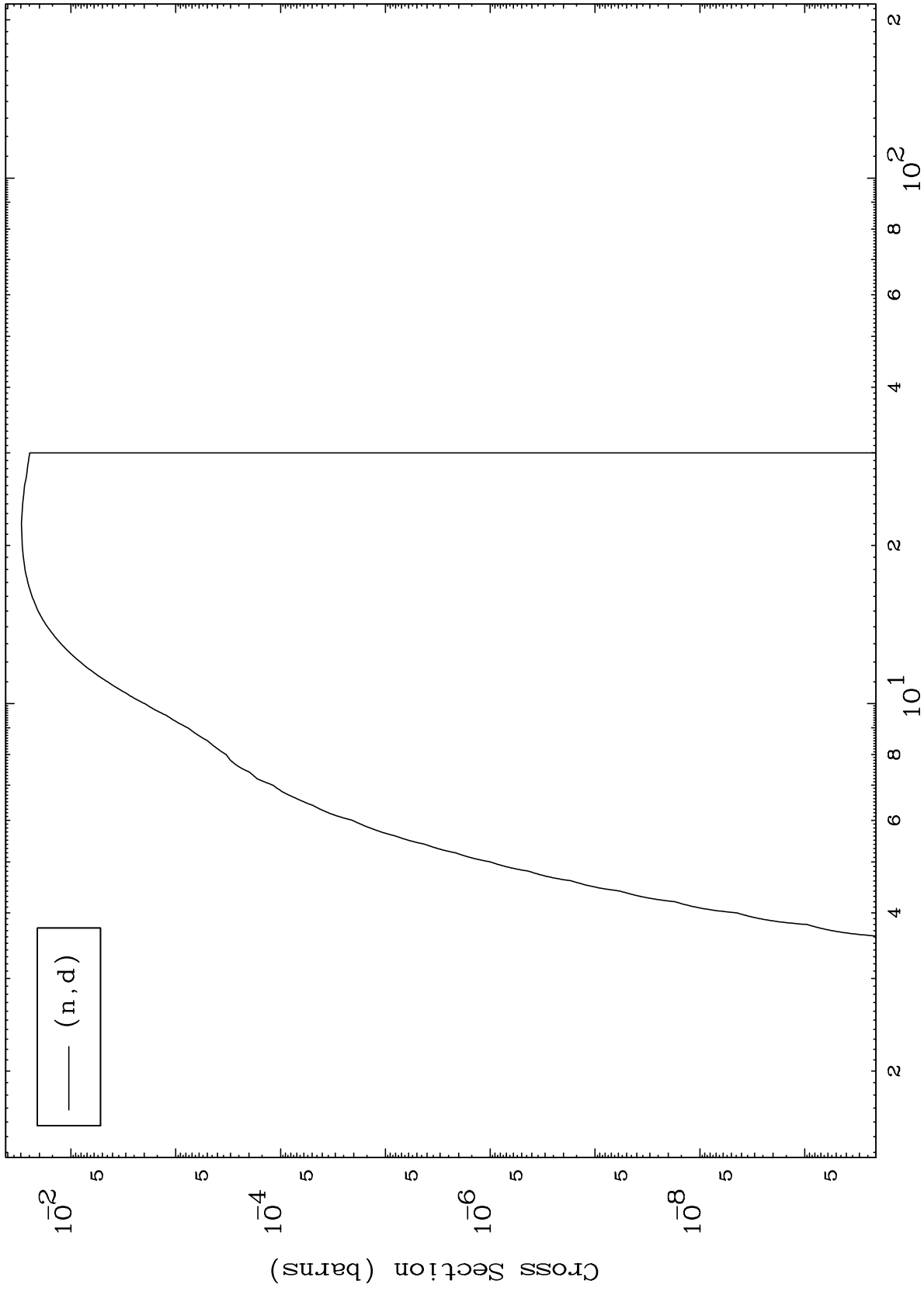


— (n, p)

MAT 4995

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-102



13

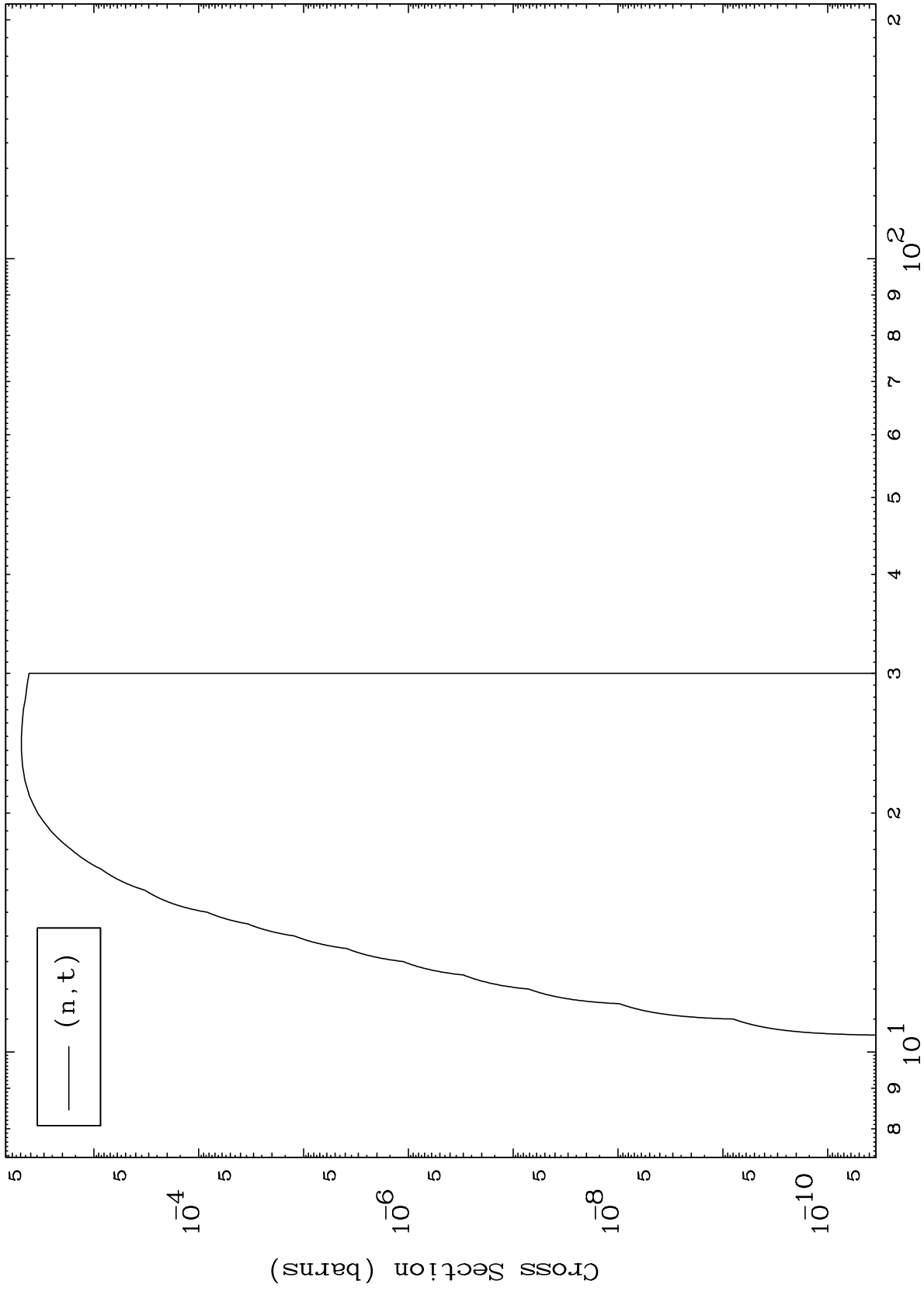
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-102



14

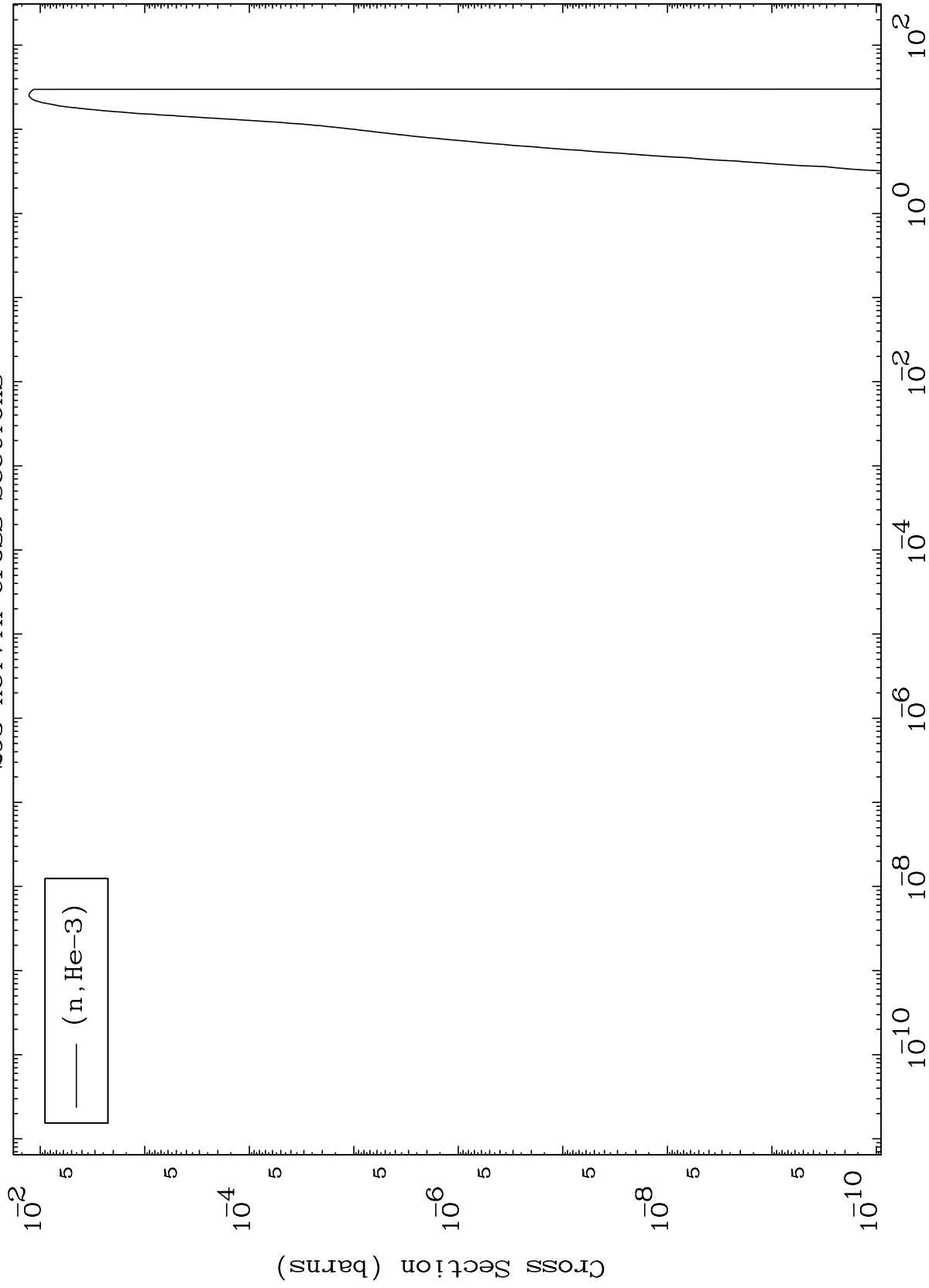
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-102



15

Incident Energy (MeV)

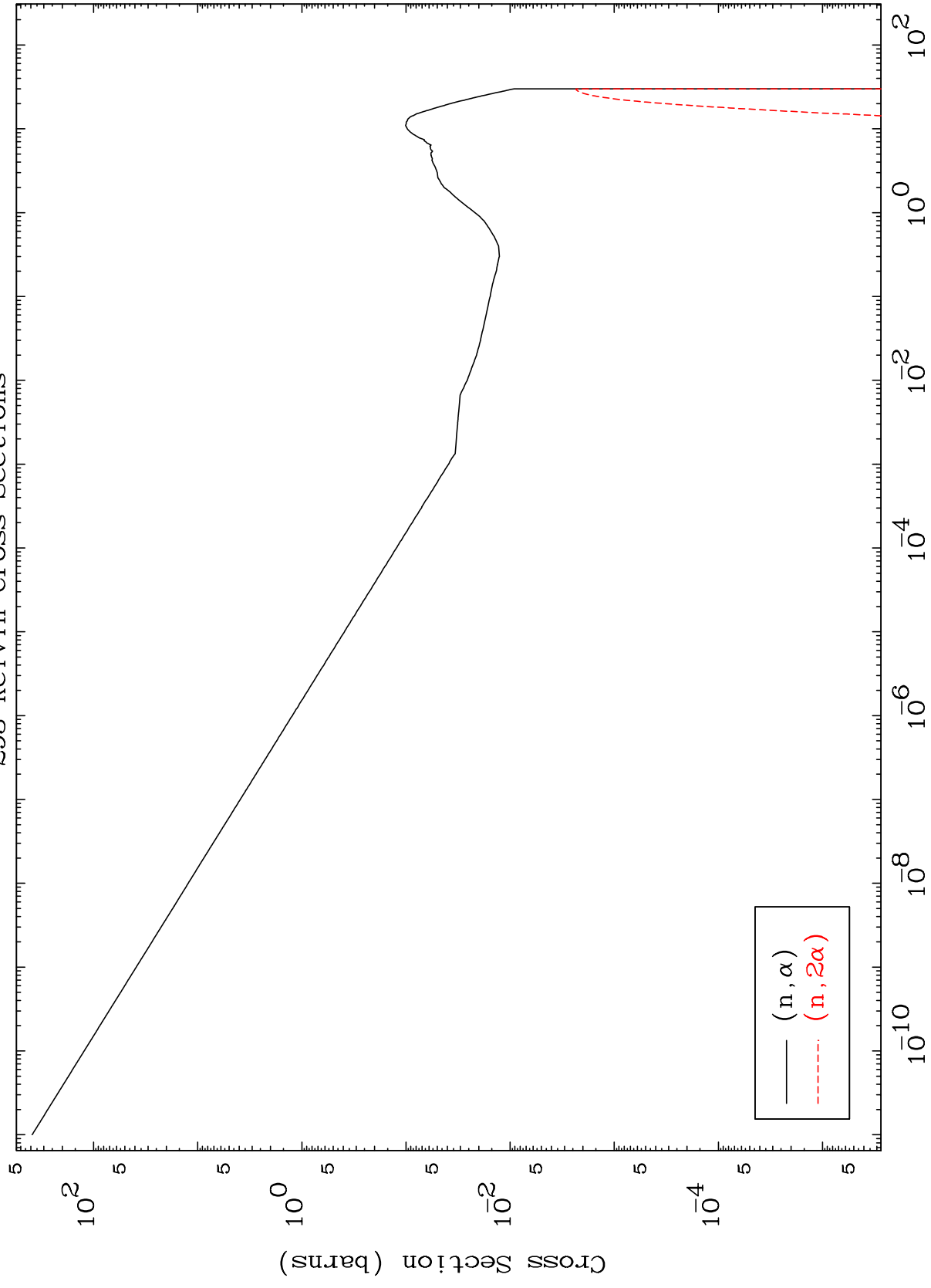
50-Sn-102



MAT 4995

293 Kelvin Cross Sections  
(n,α) Levels

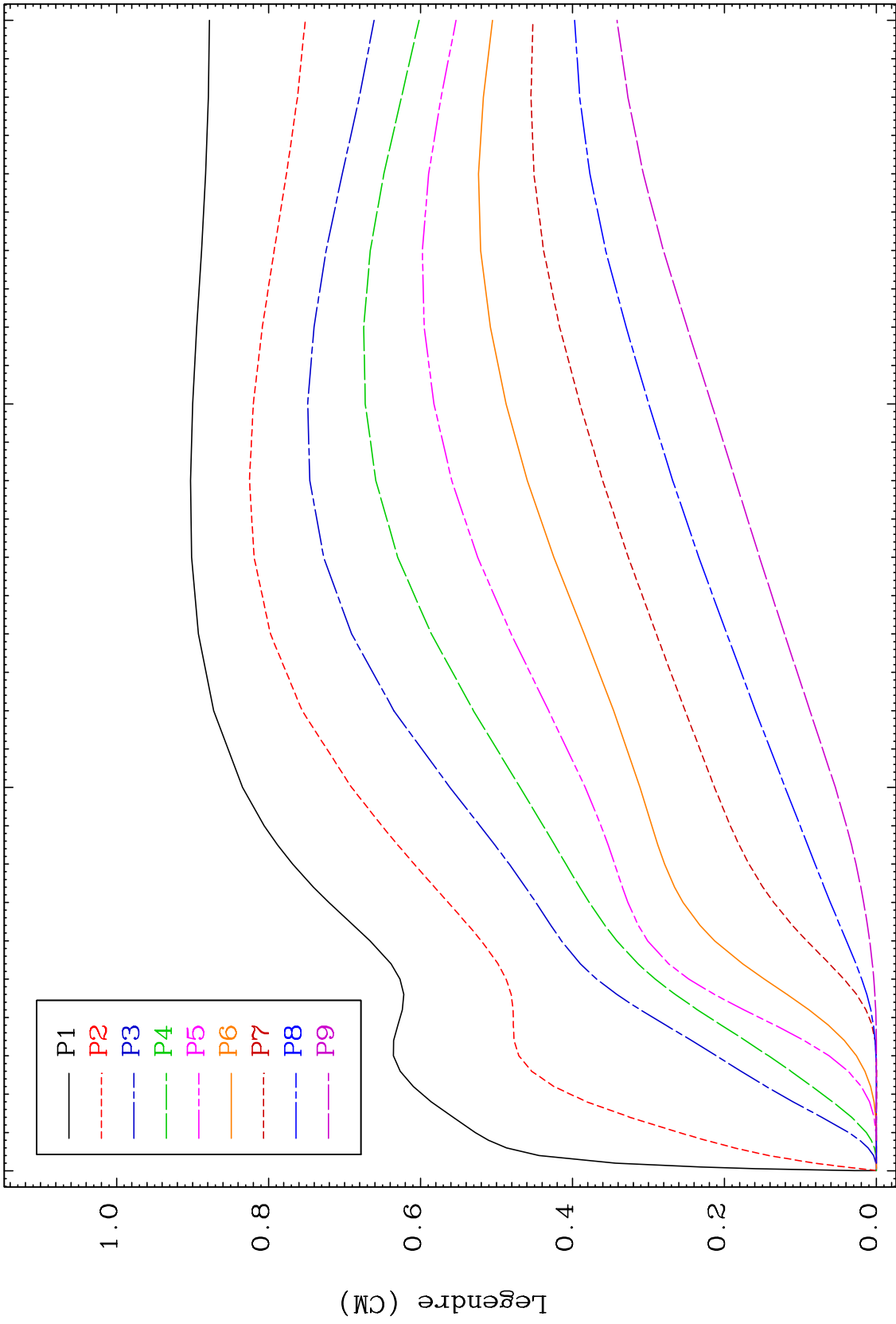
50-Sn-102



MAT 4995

Elastic Legendre Coefficients

50-Sn-102



17

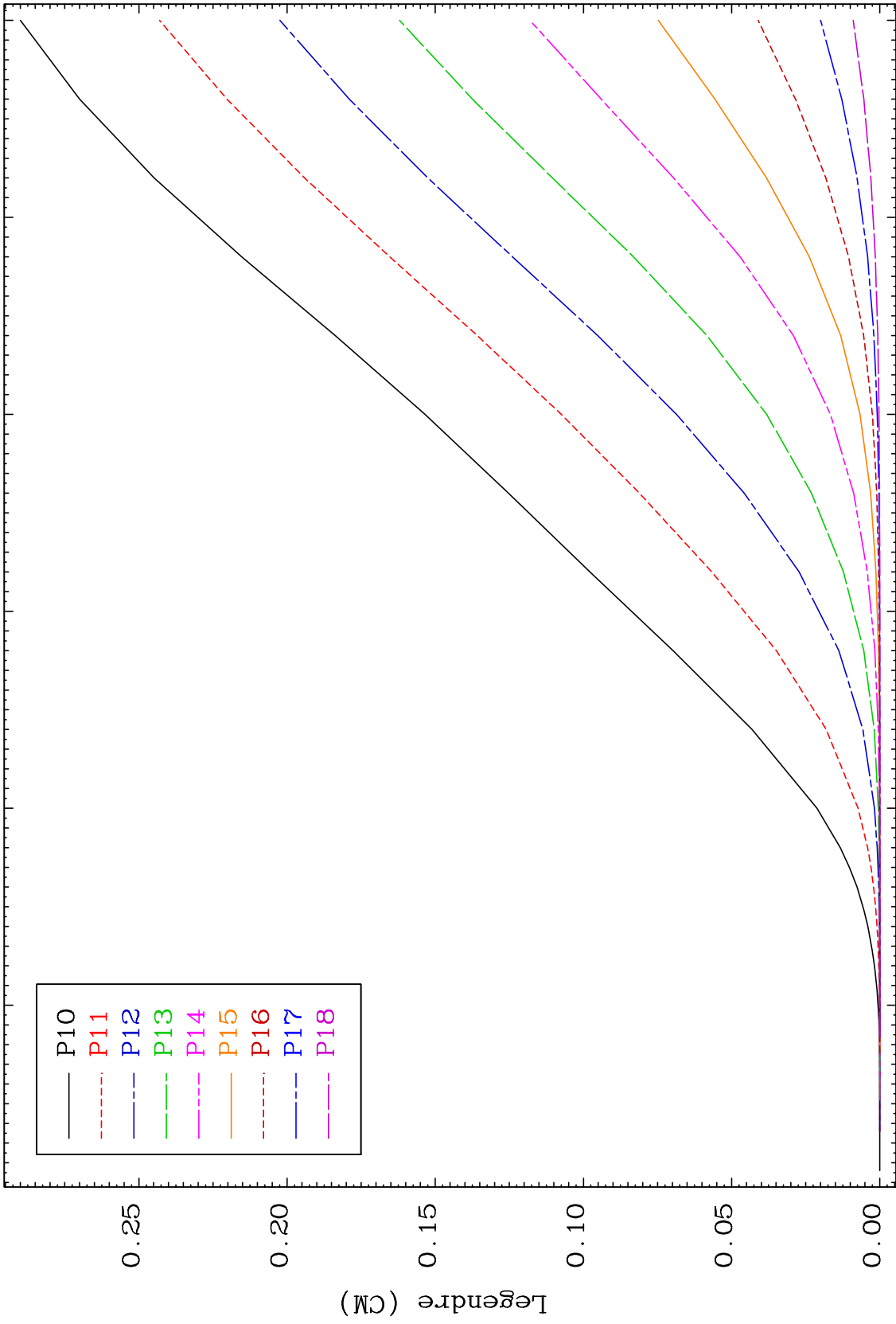
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



18

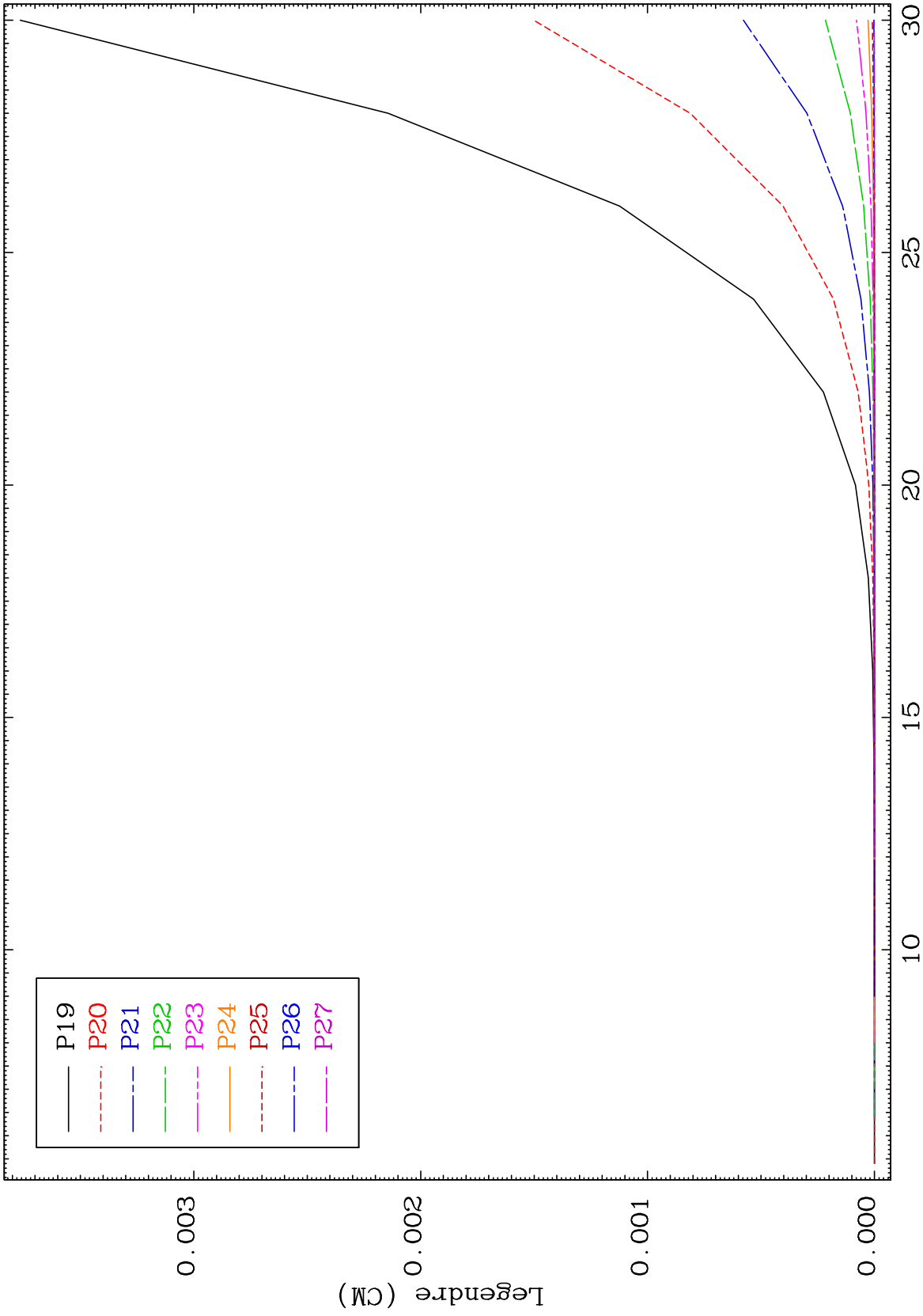
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



19

Incident Energy (MeV)

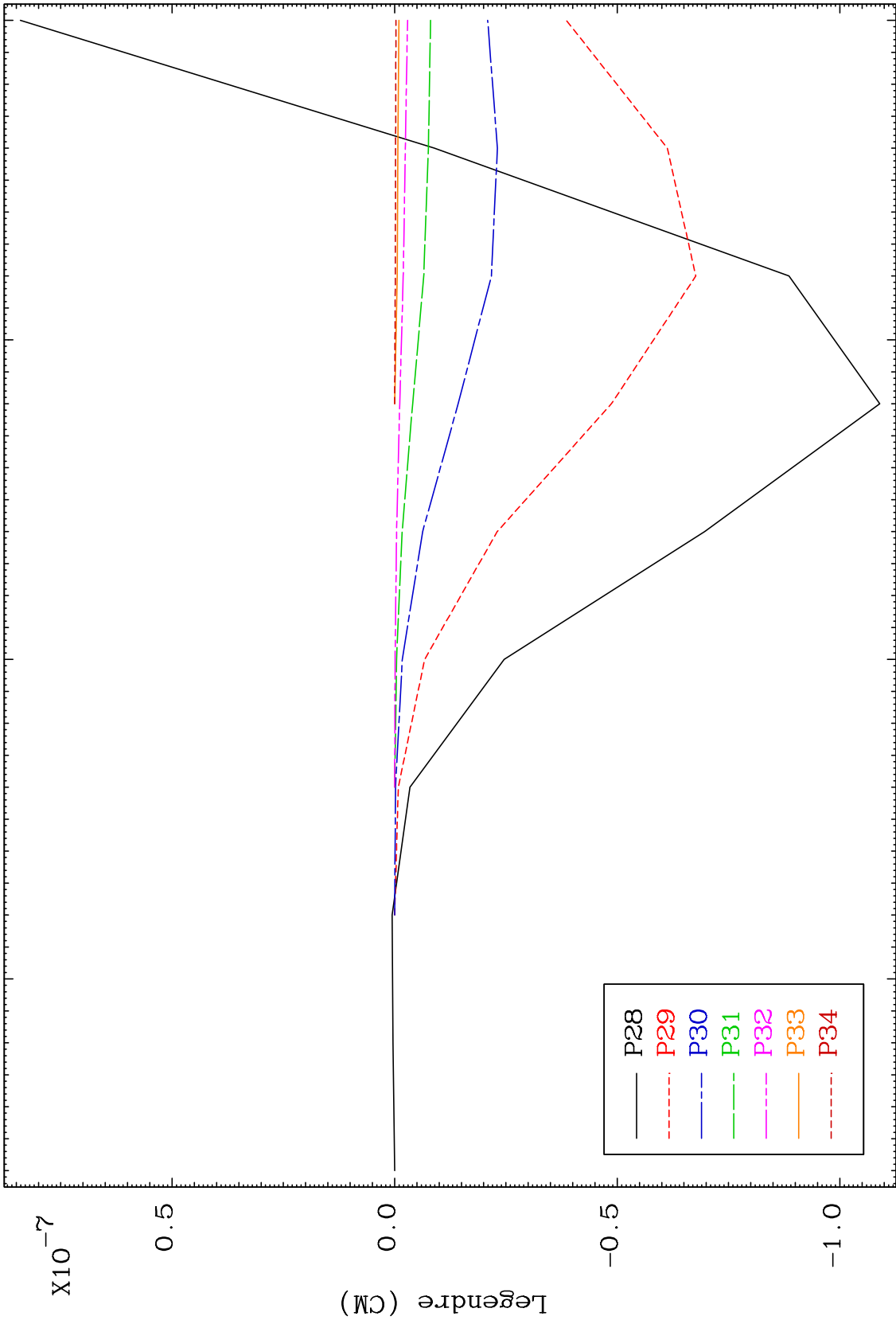
50-Sn-102

MAT 4995

Elastic  
Legendre Coefficients

50-Sn-102

$\times 10^{-7}$



Legendre (CM)

20

15

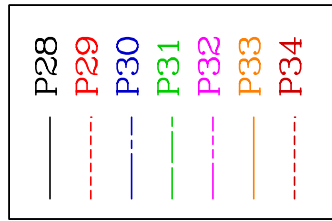
20

25

30

Incident Energy (MeV)

50-Sn-102

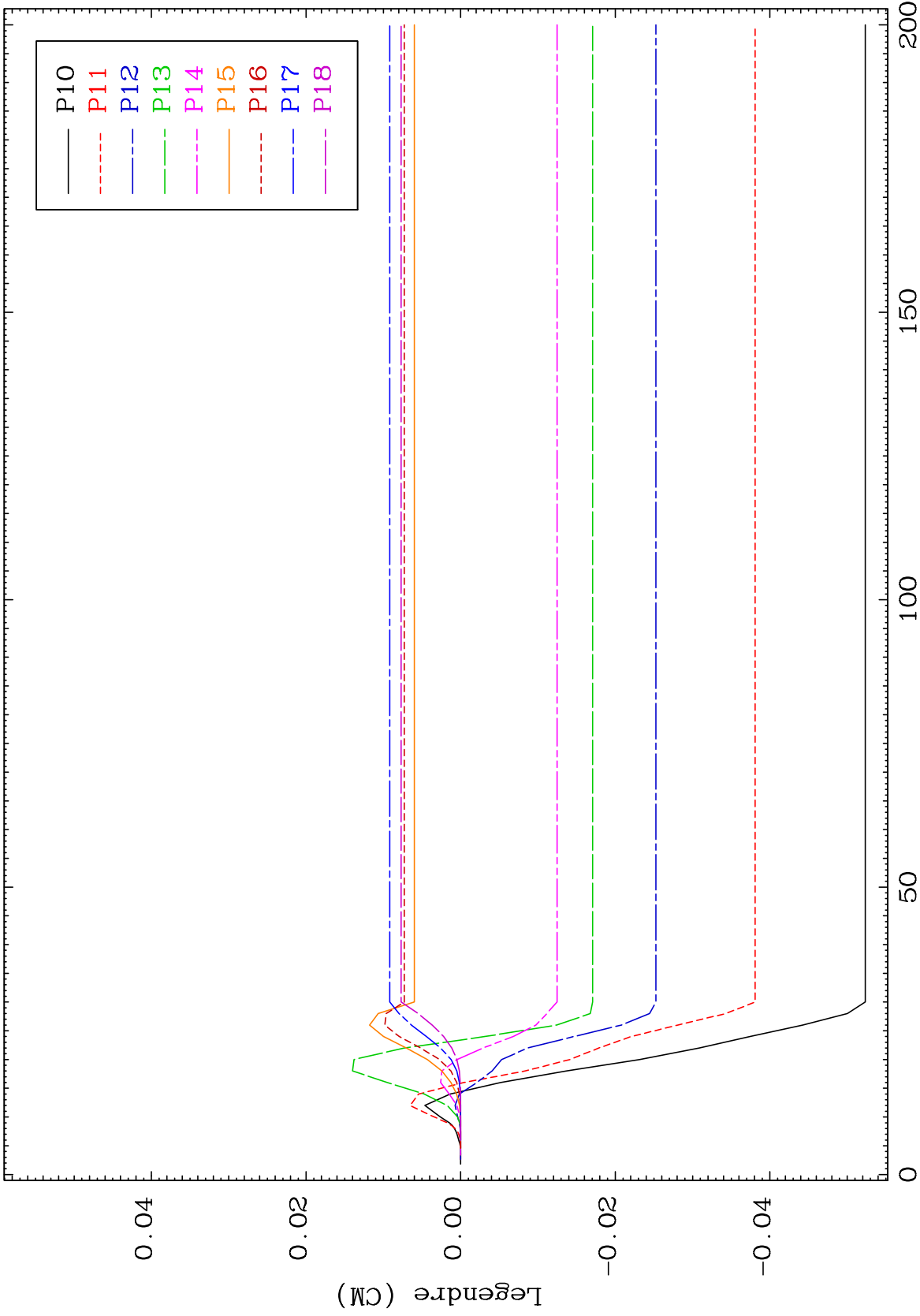




MAT 4995

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

50-Sn-102



22

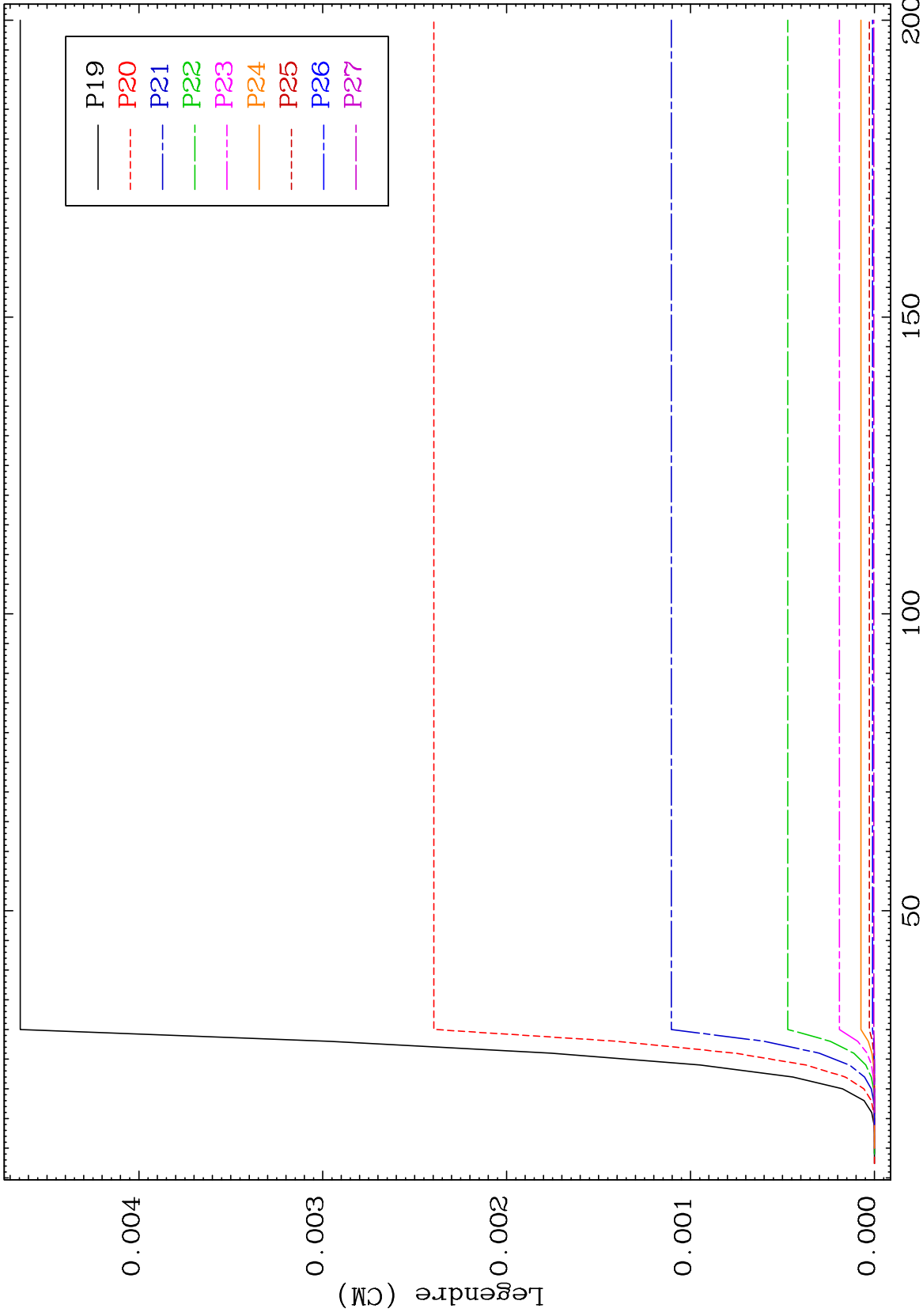
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



23

Incident Energy (MeV)

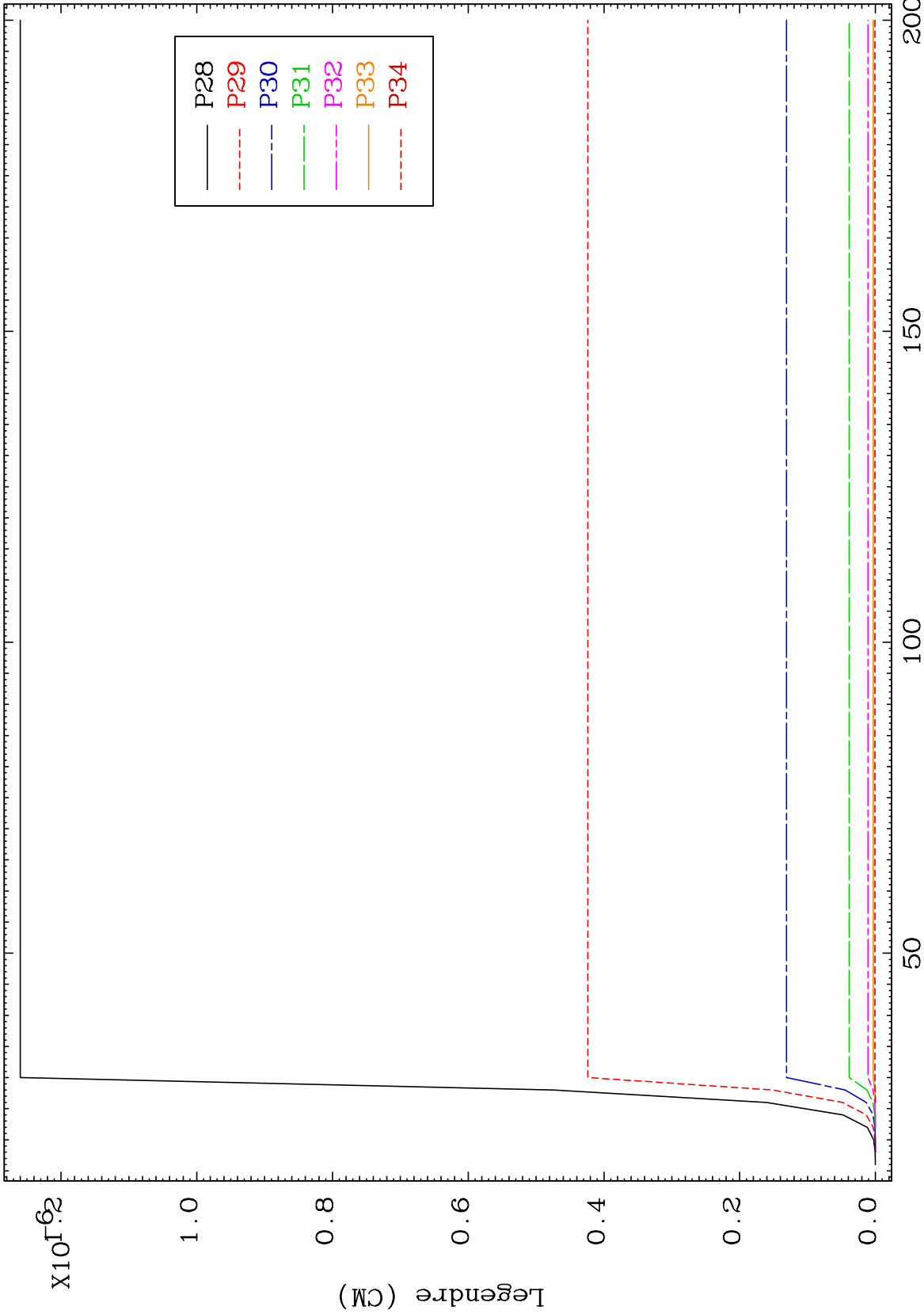
50-Sn-102



MAT 4995

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

50-Sn-102



24

Incident Energy (MeV)

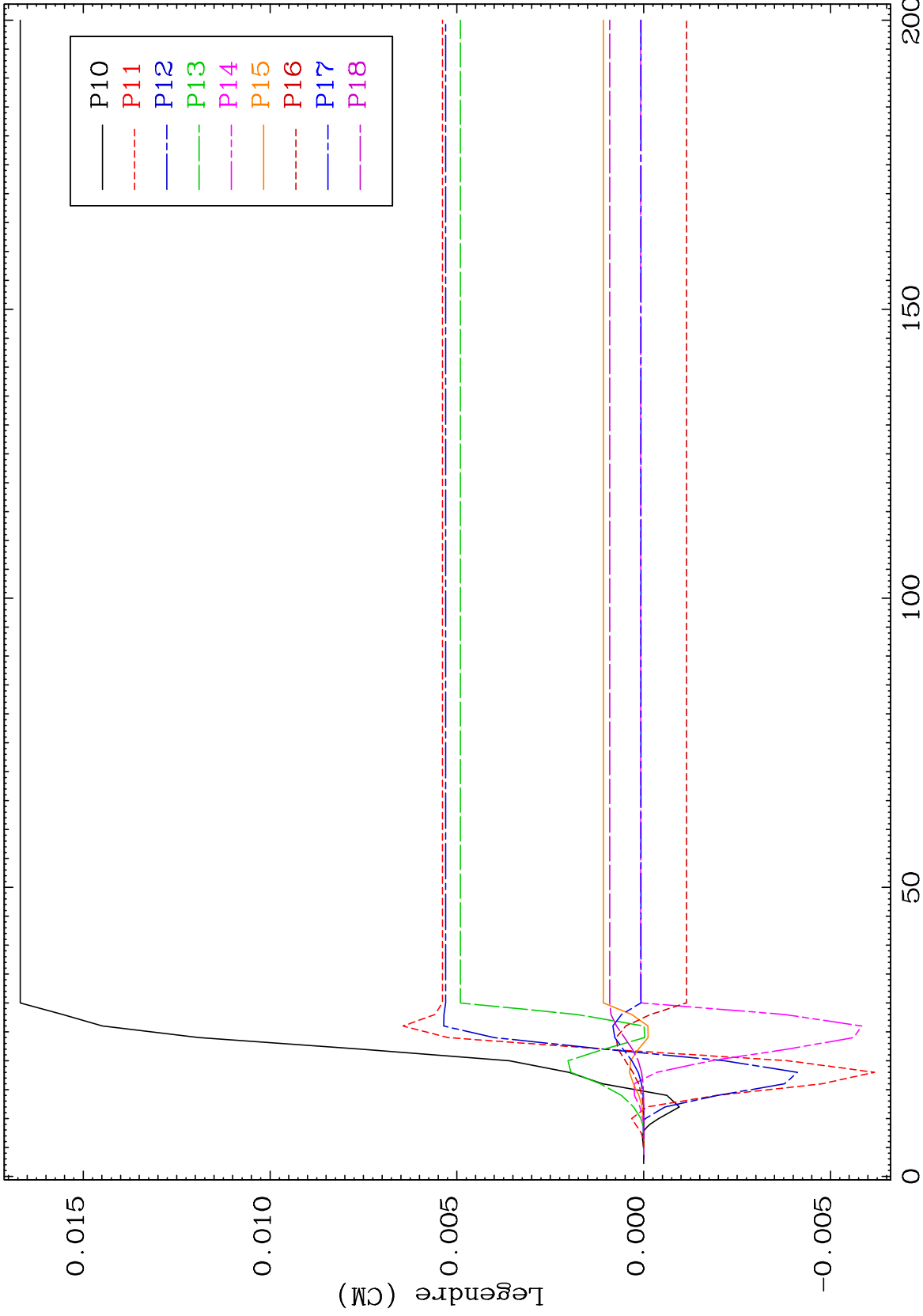
50-Sn-102



MAT 4995

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

50-Sn-102



26

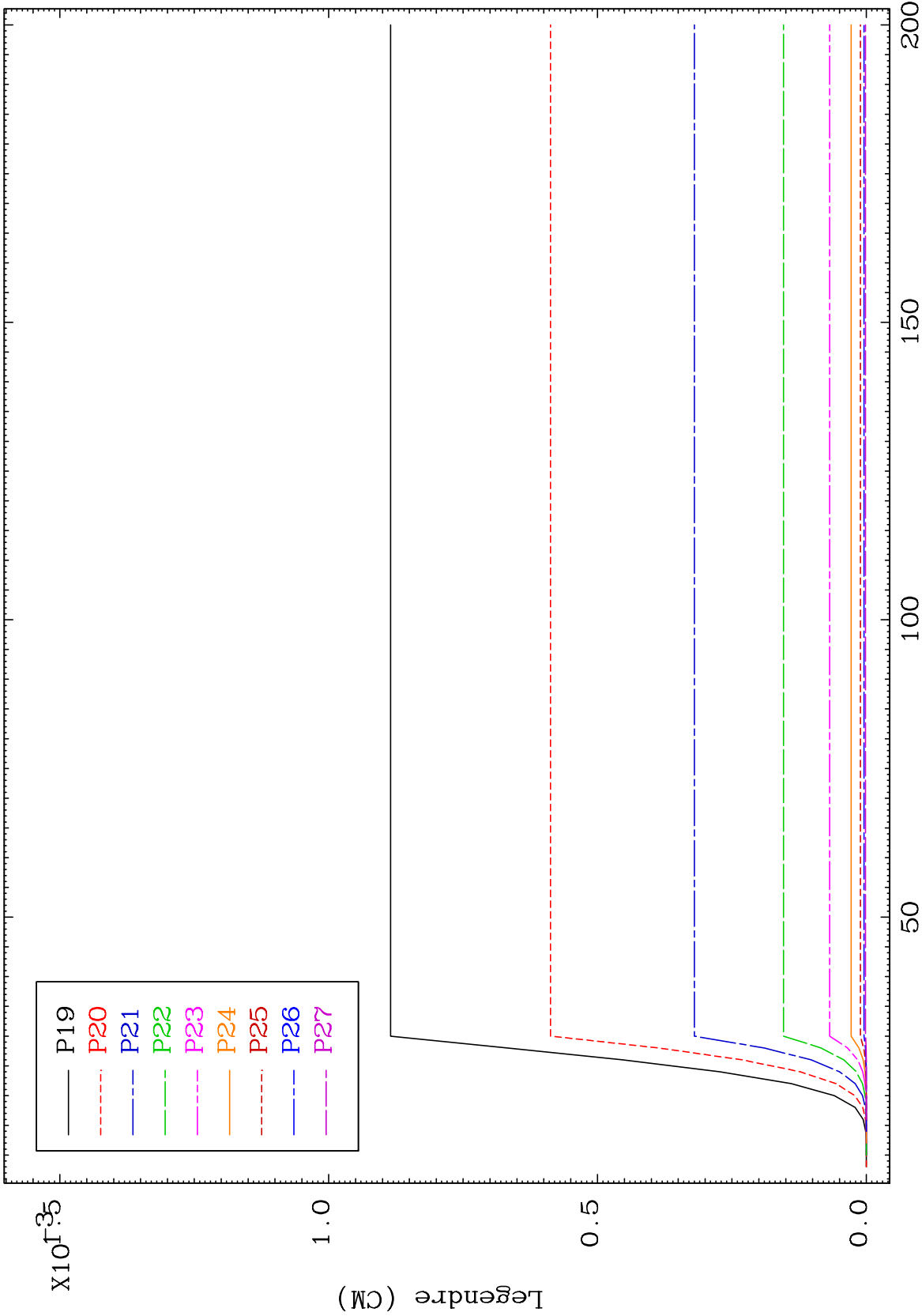
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



27

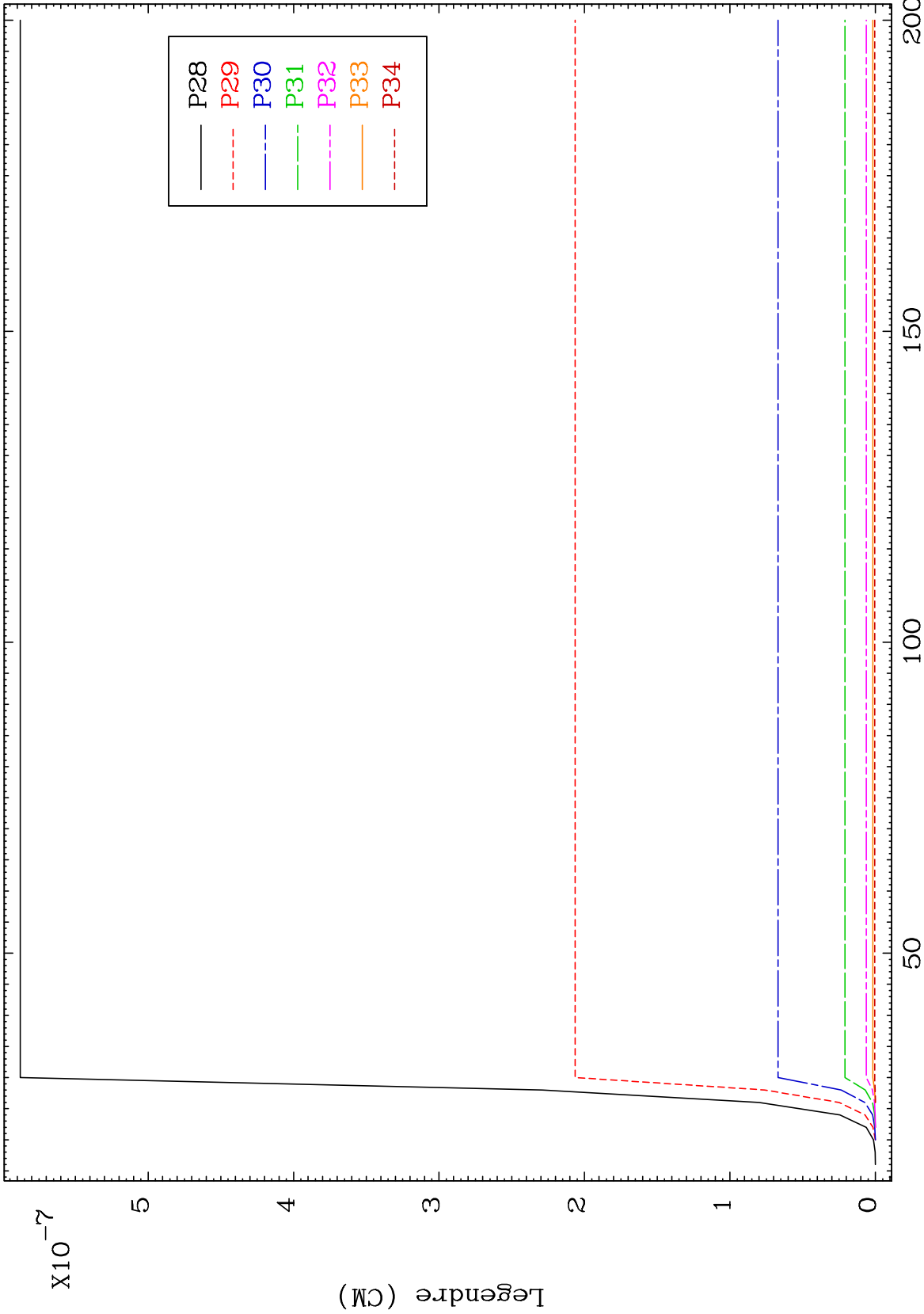
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



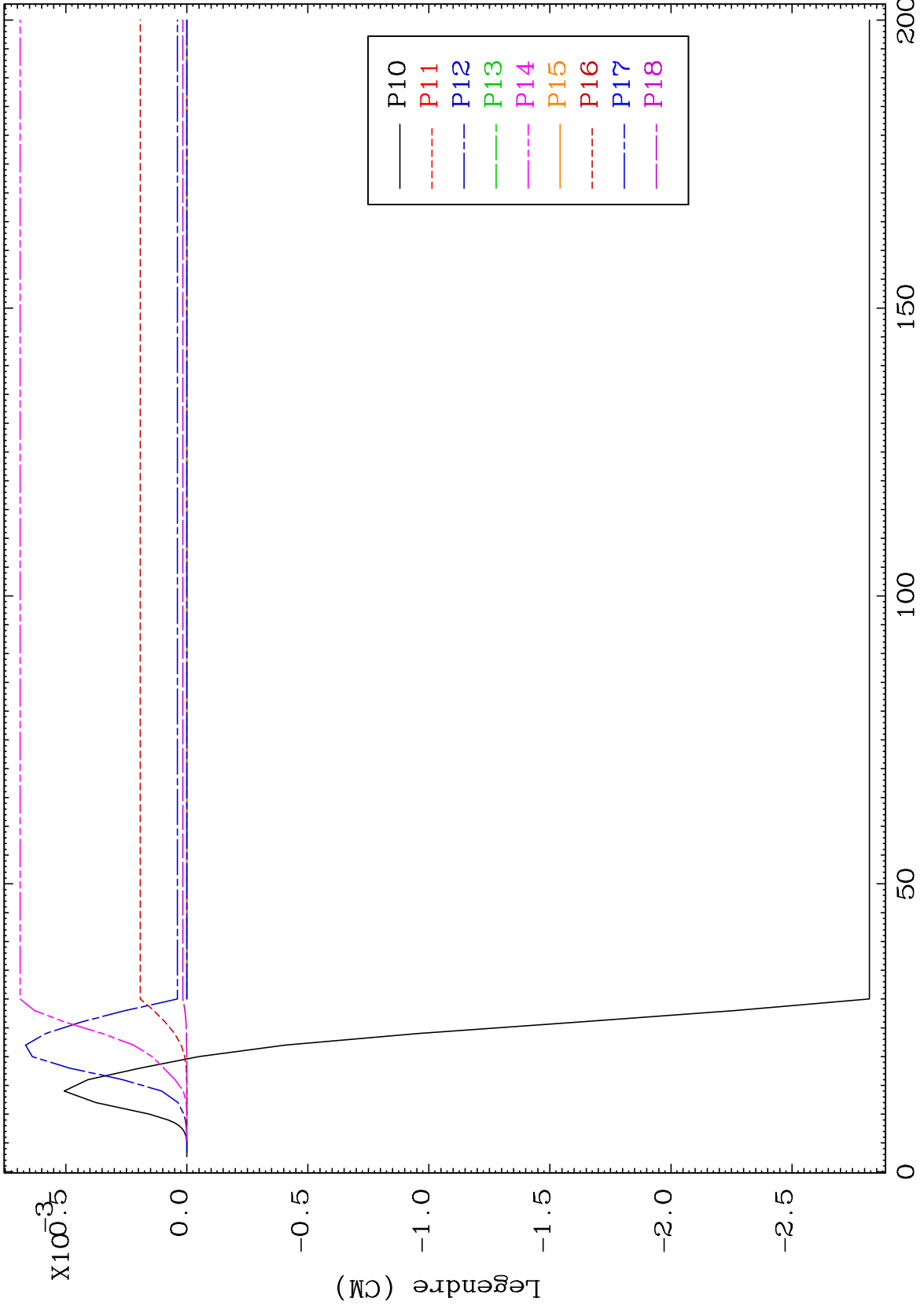
28

Incident Energy (MeV)

50-Sn-102



MAT 4995 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-102

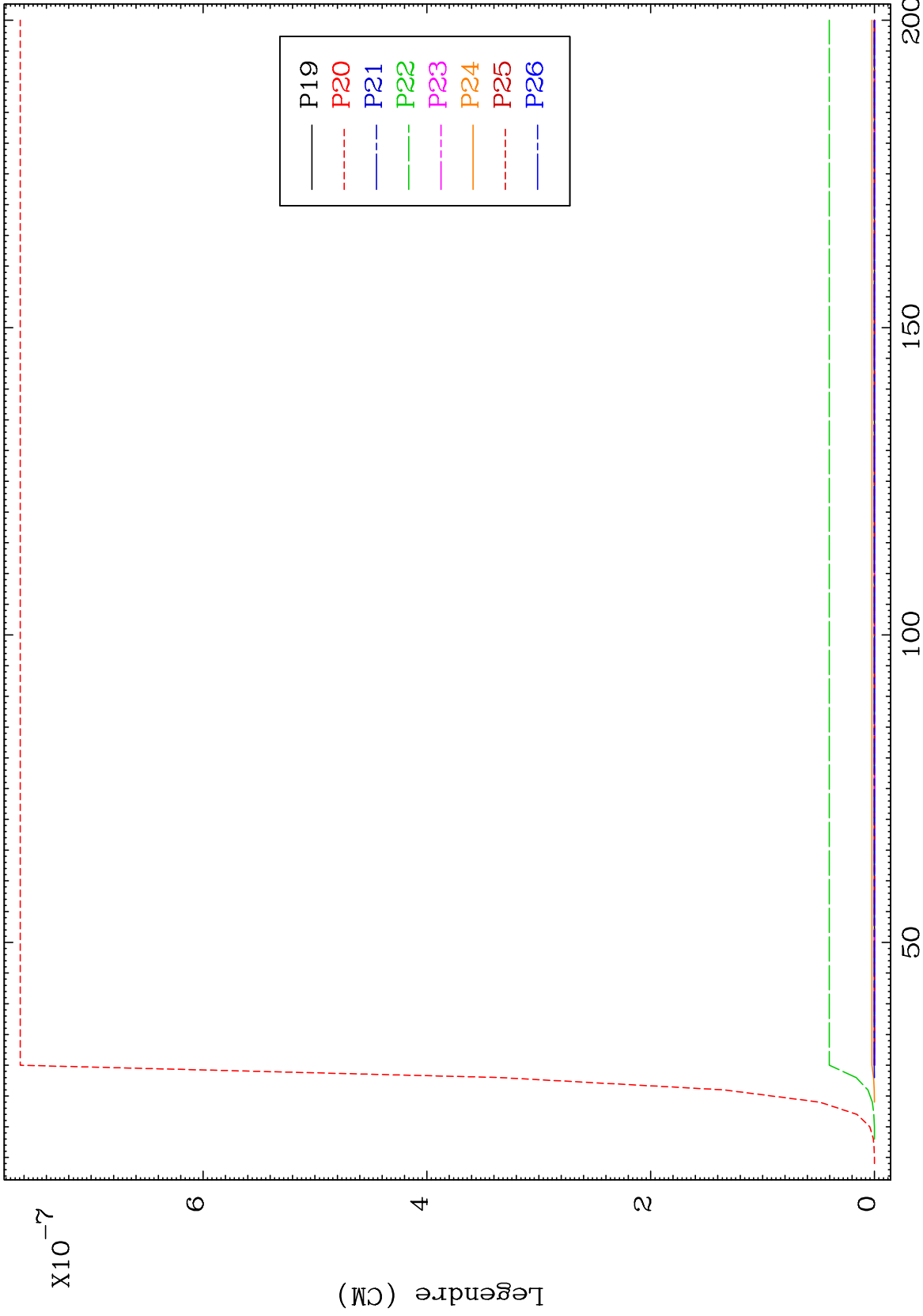


30 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102

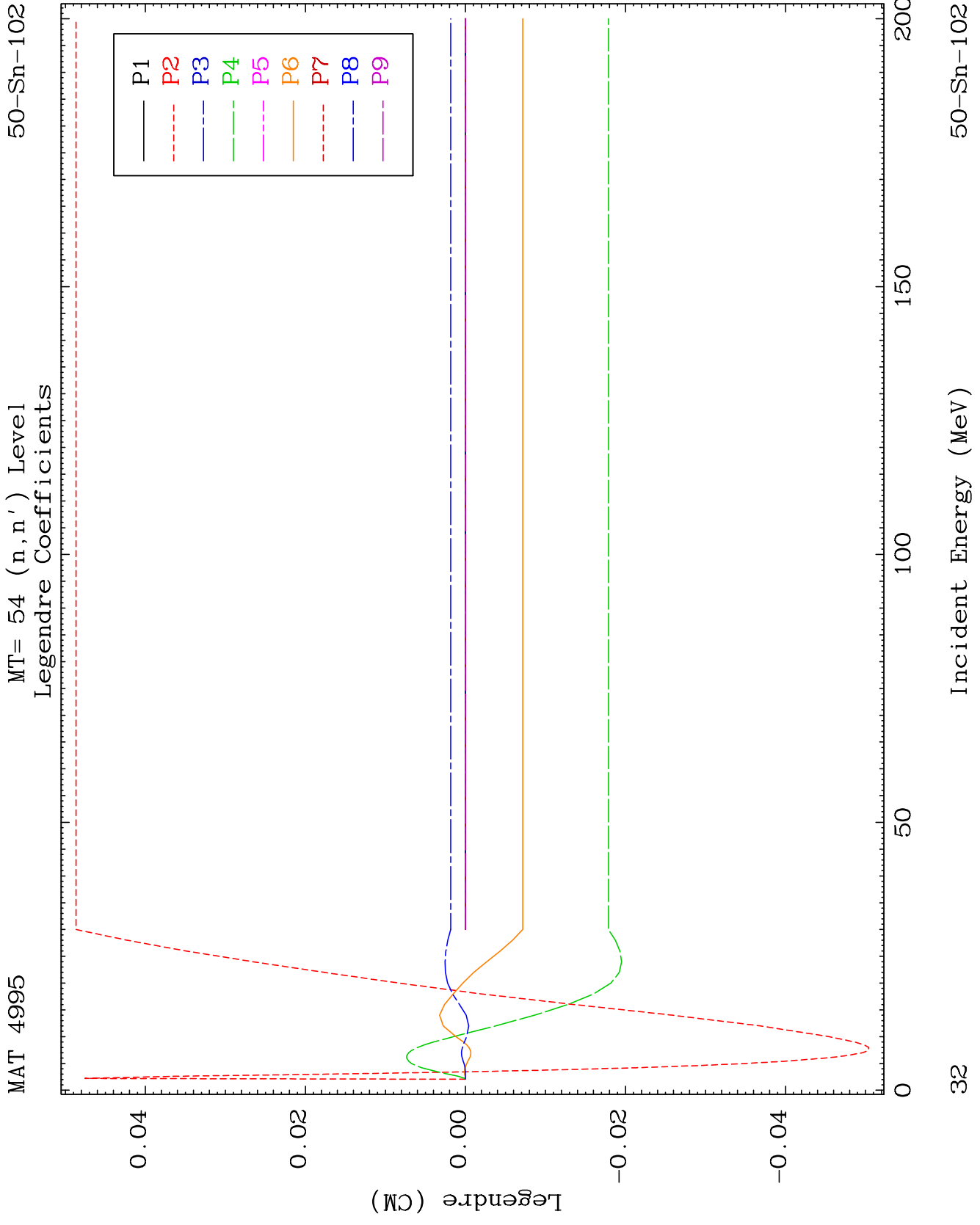


31

Incident Energy (MeV)

50-Sn-102

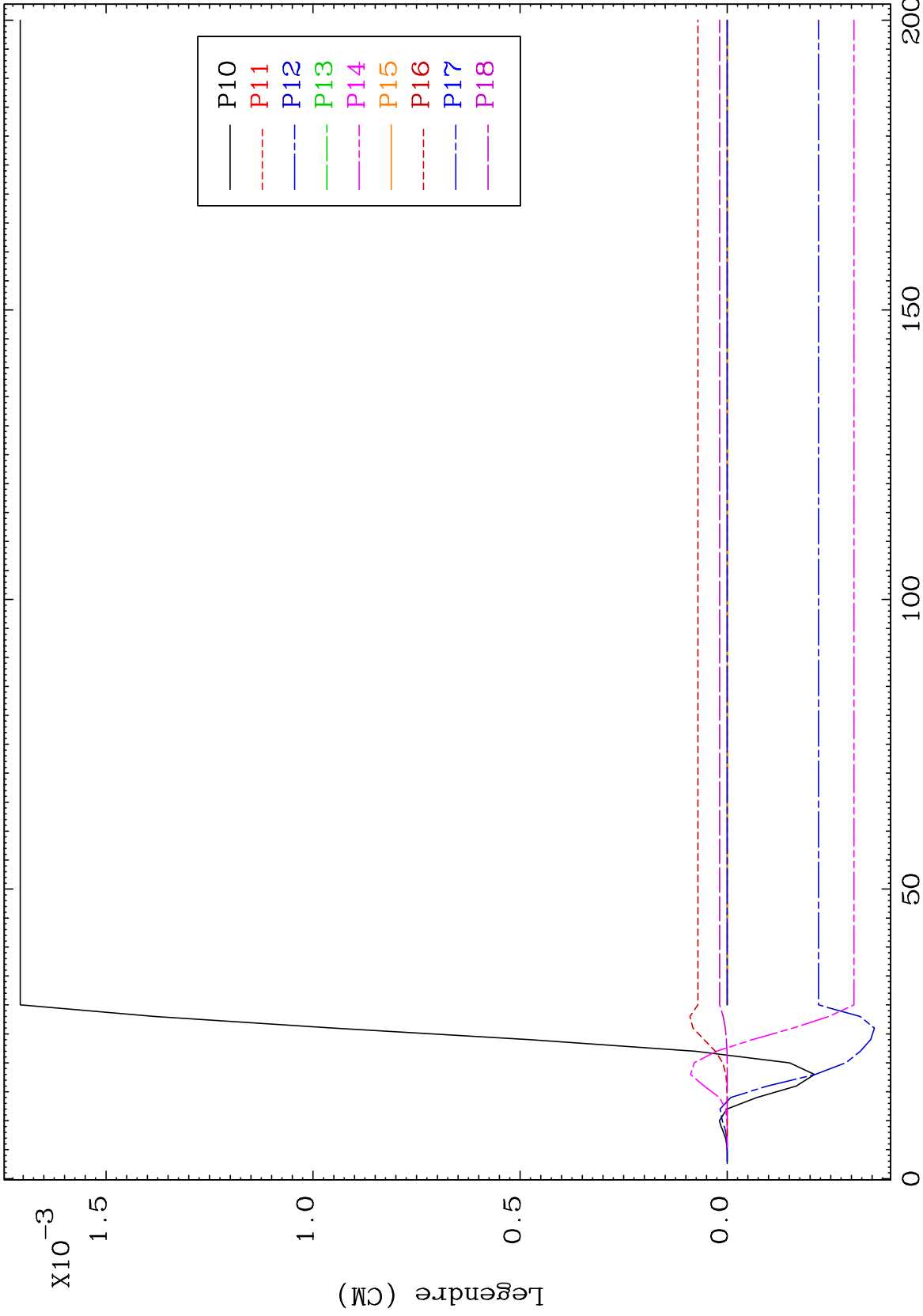




MAT 4995

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

50-Sn-102



33

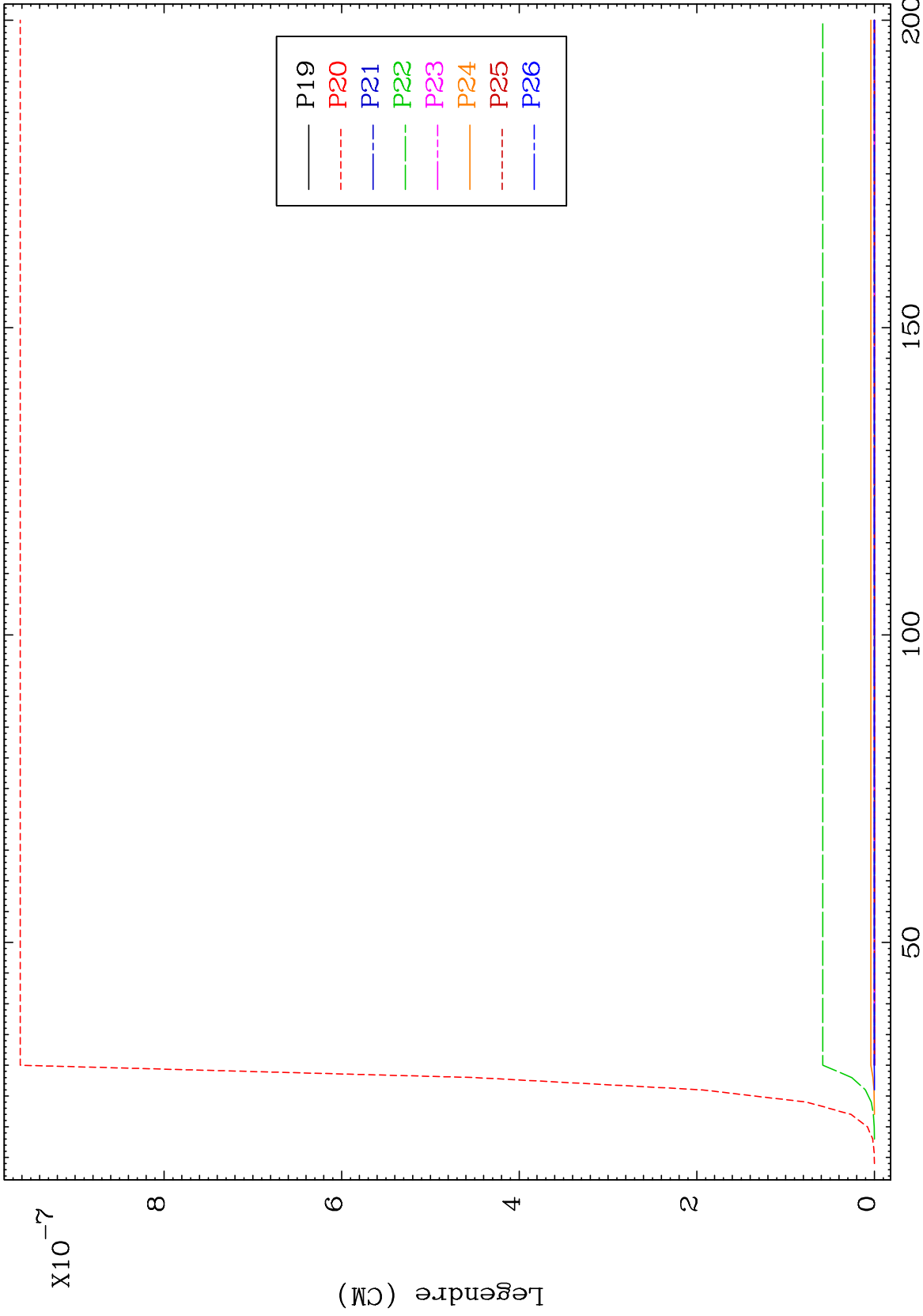
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

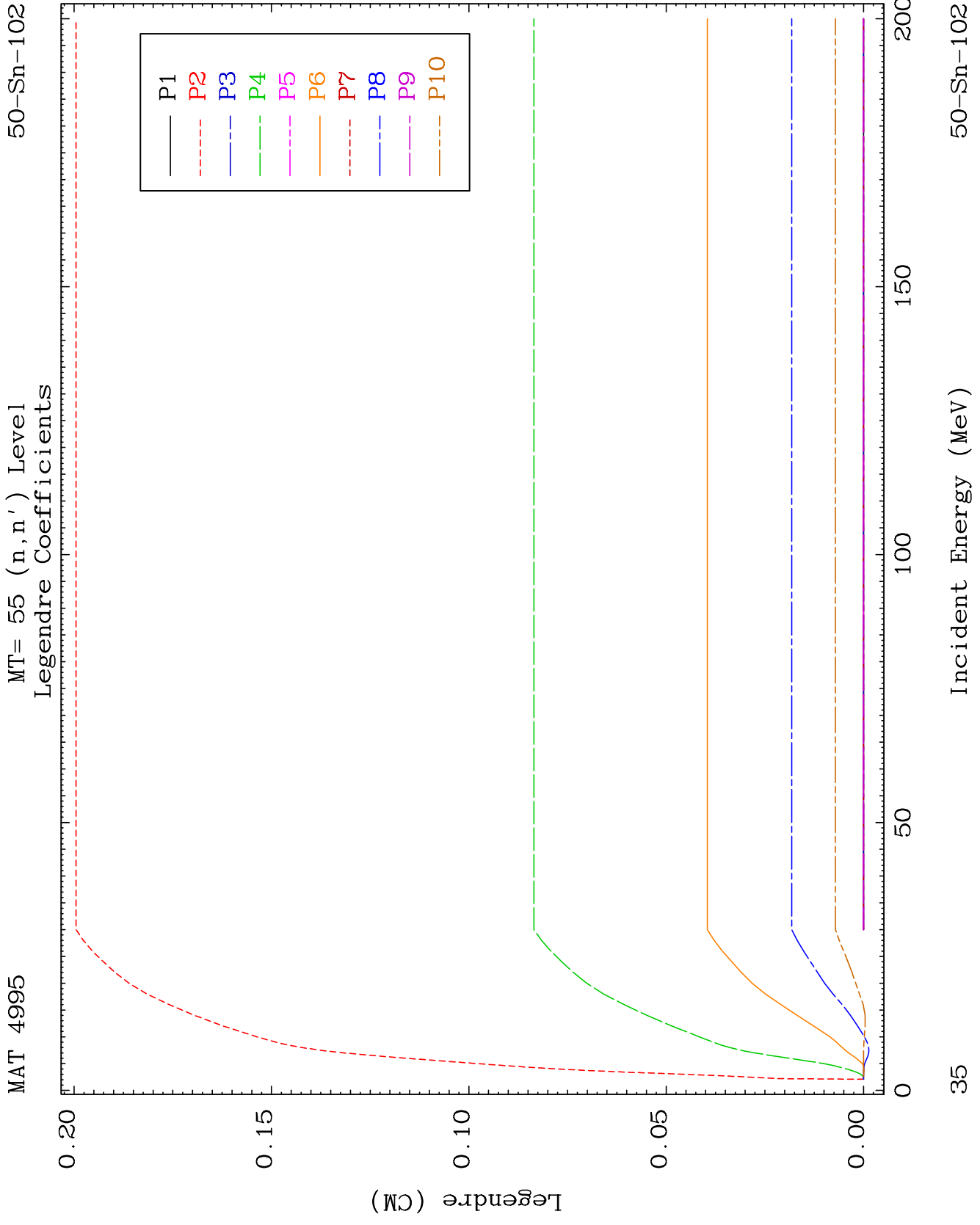
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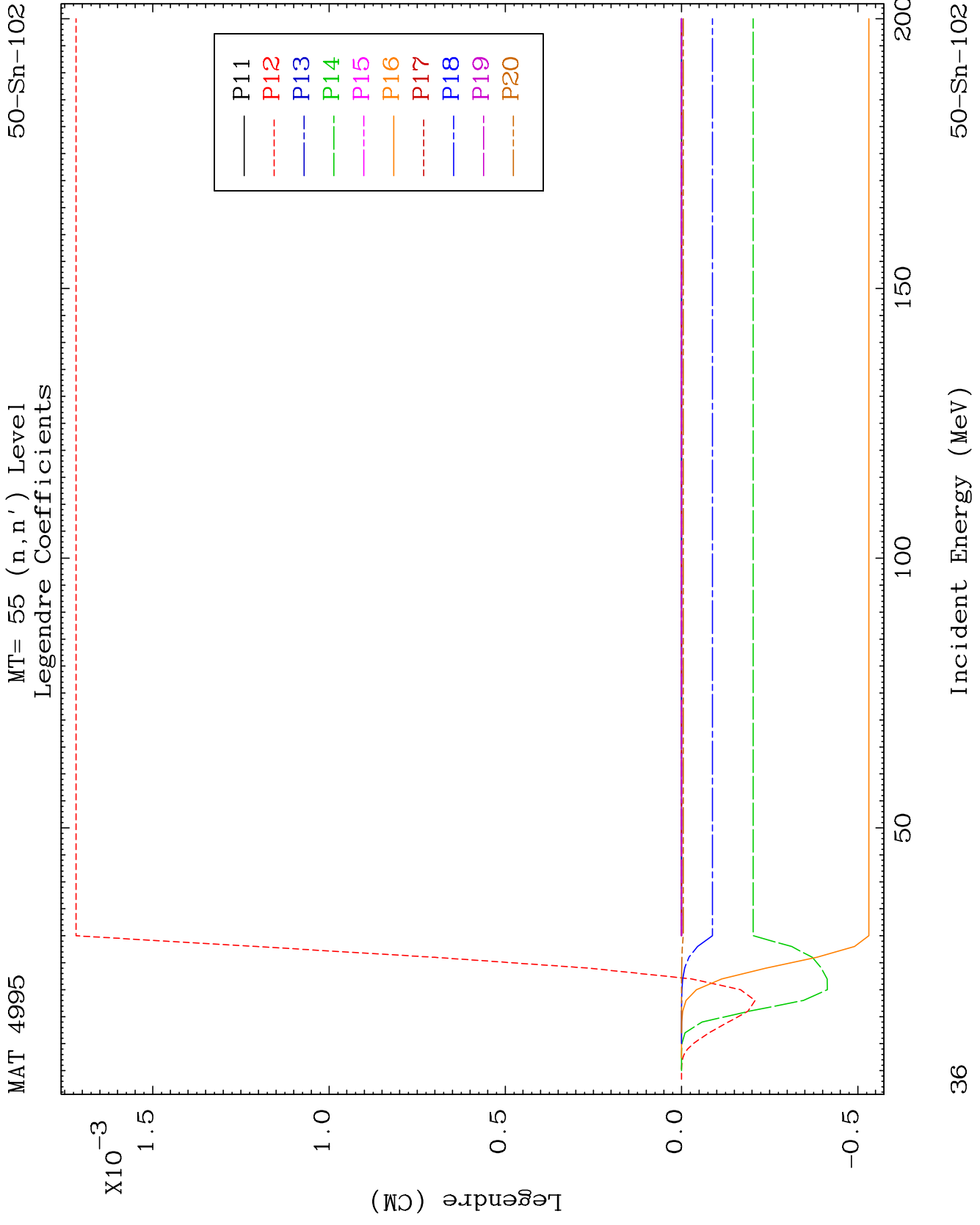


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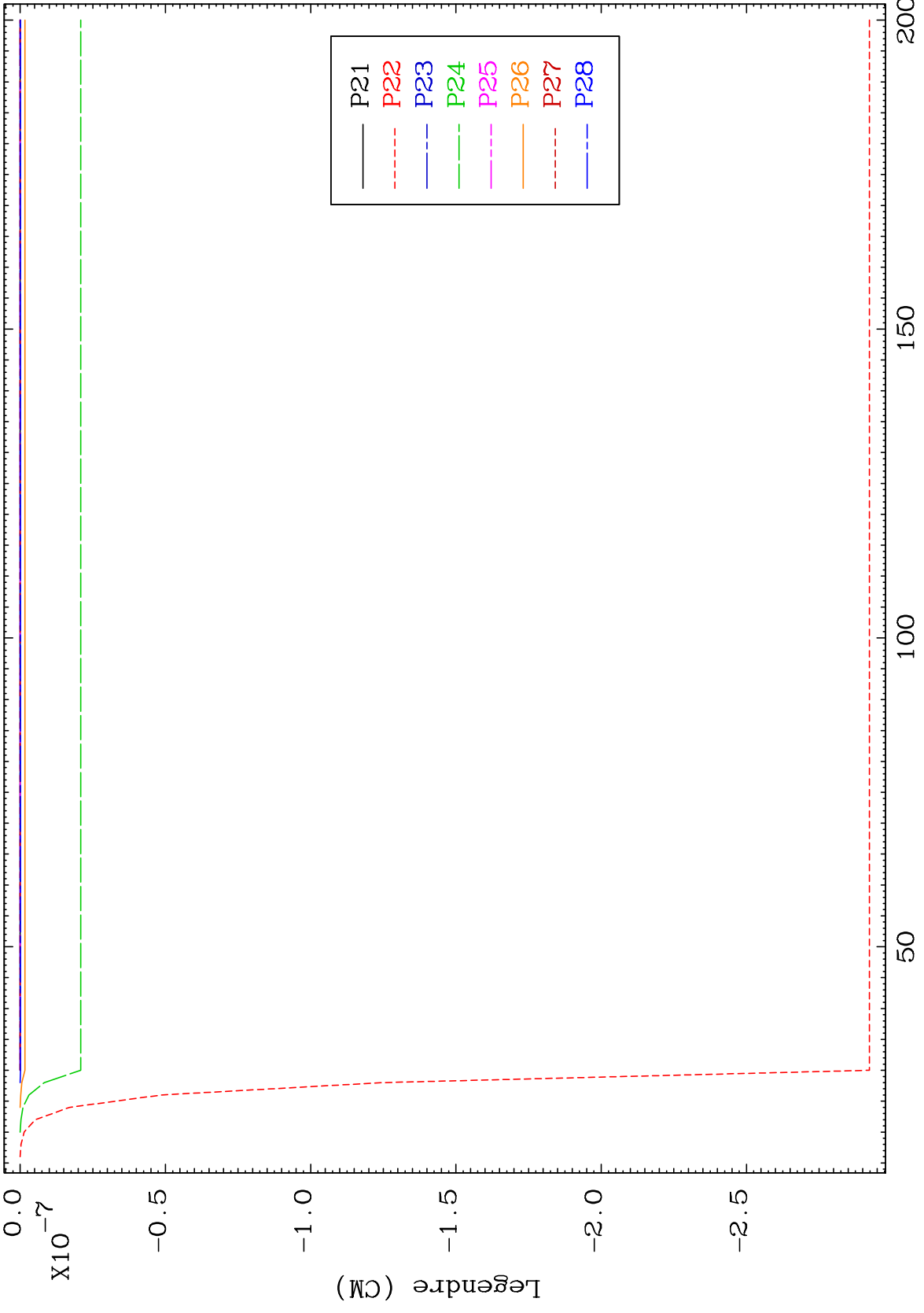
Incident Energy (MeV)

50-Sn-102

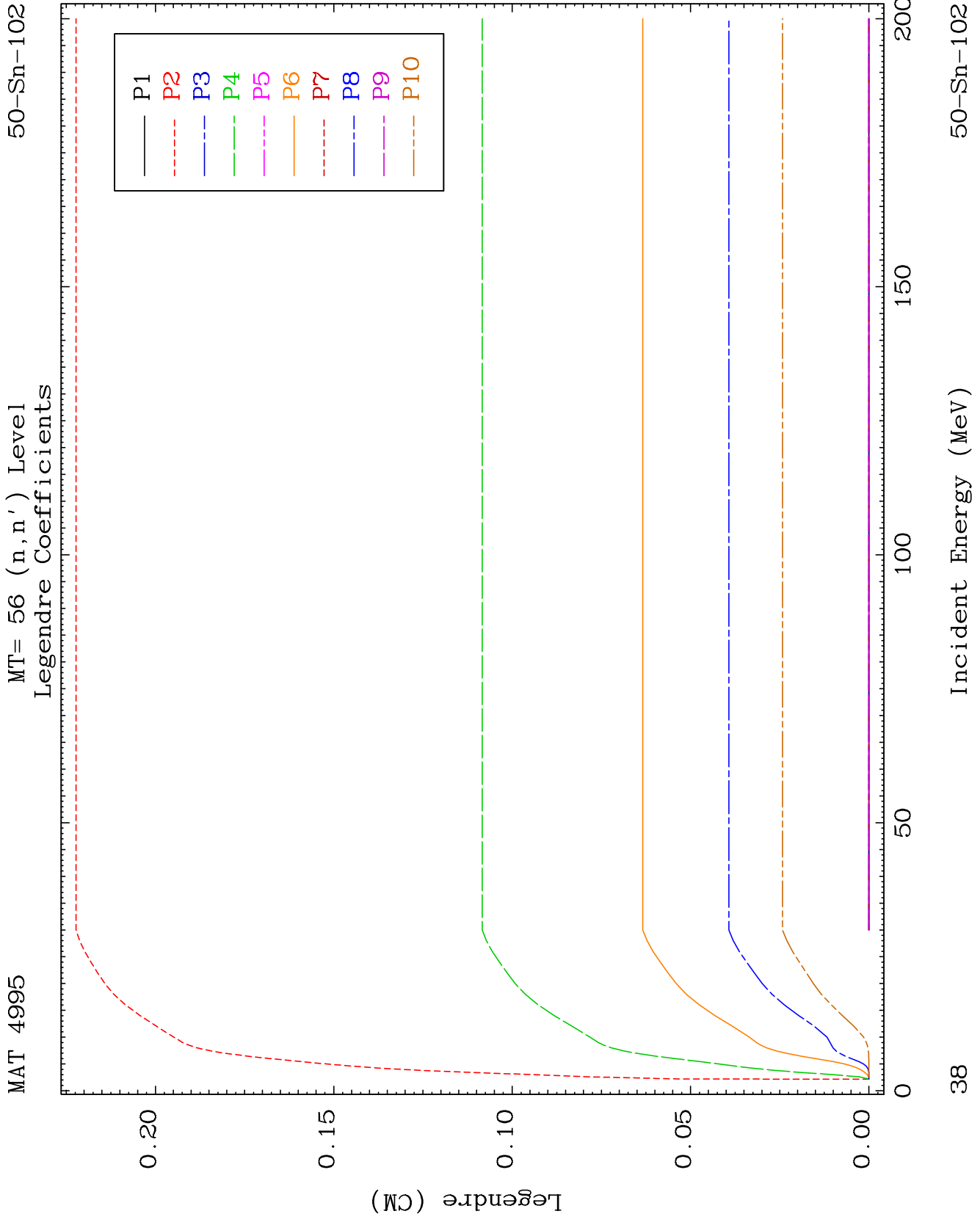


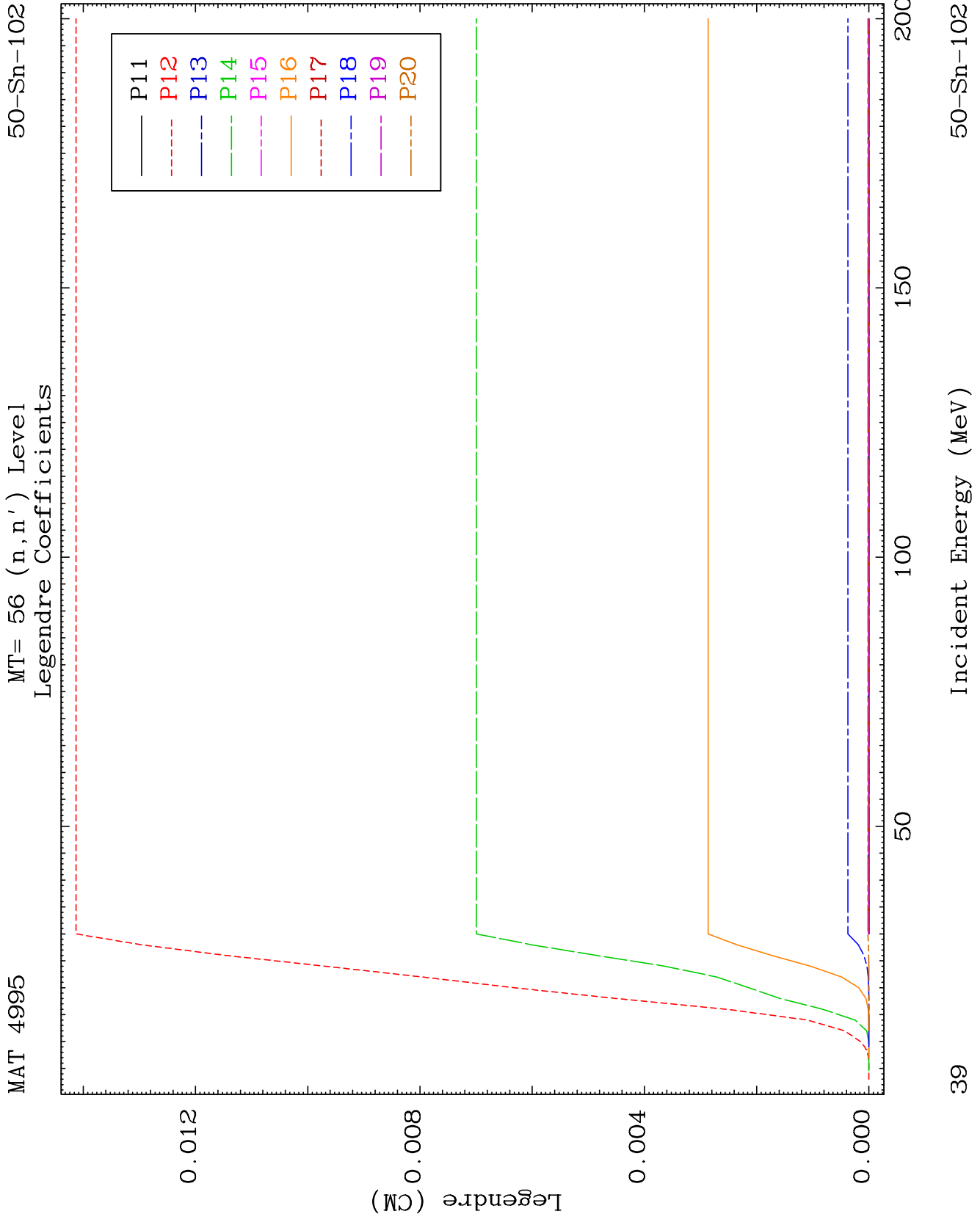


MAT 4995 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-102



37 50-Sn-102

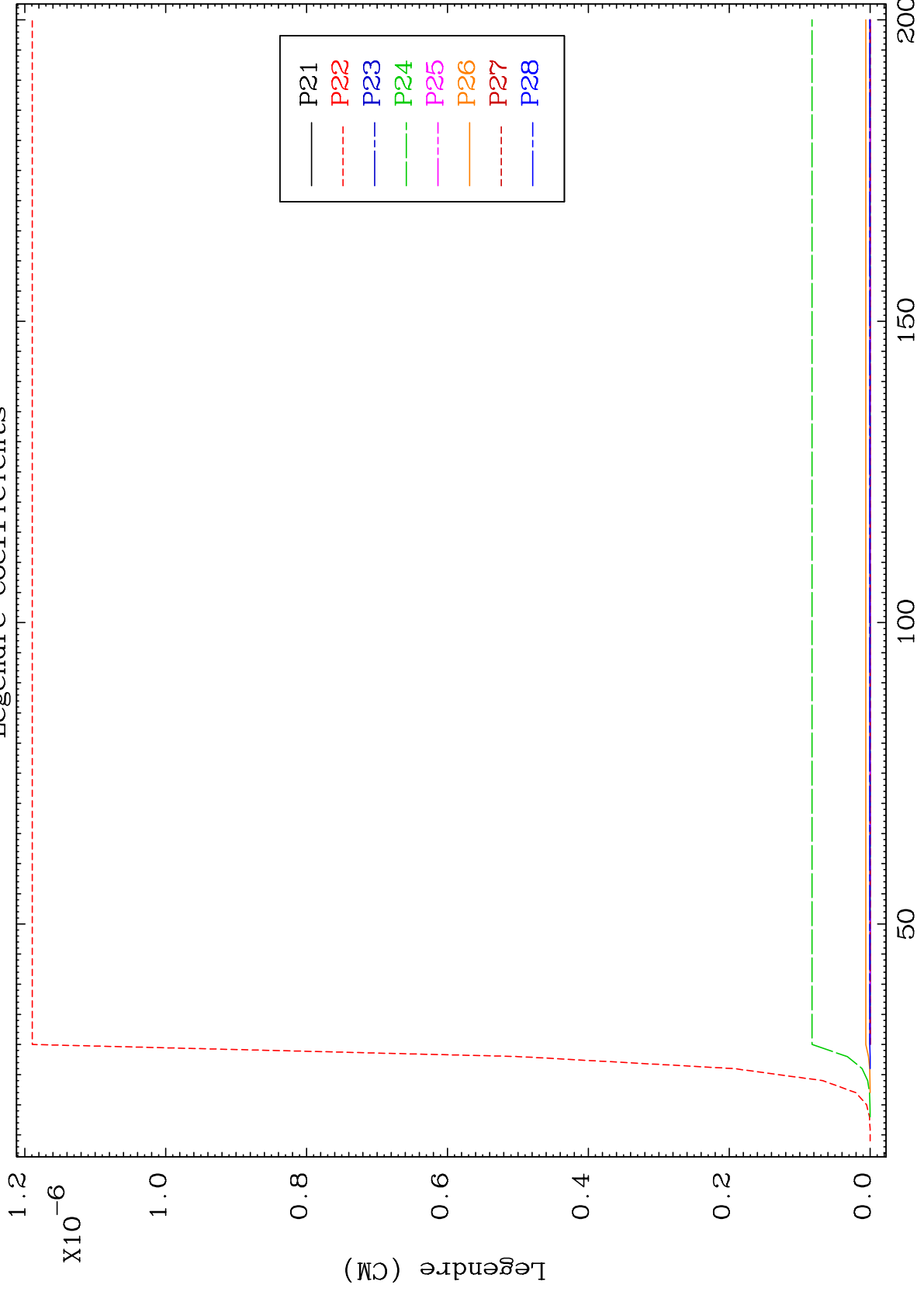






MAT 4995 MT= 56 (n,n') Level Legendre Coefficients

50-Sn-102



40

Incident Energy (MeV)

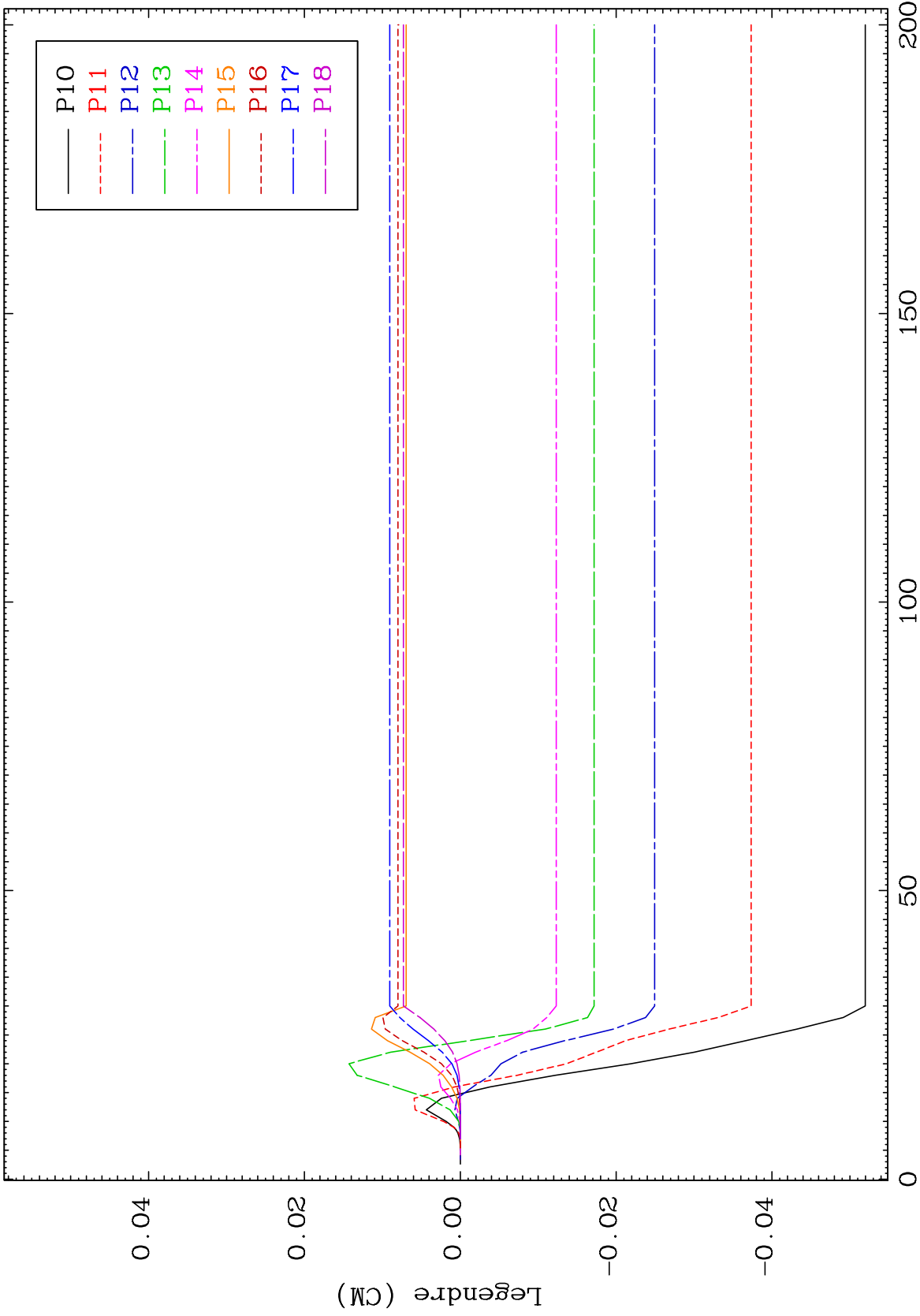
50-Sn-102



MAT 4995

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

50-Sn-102



42

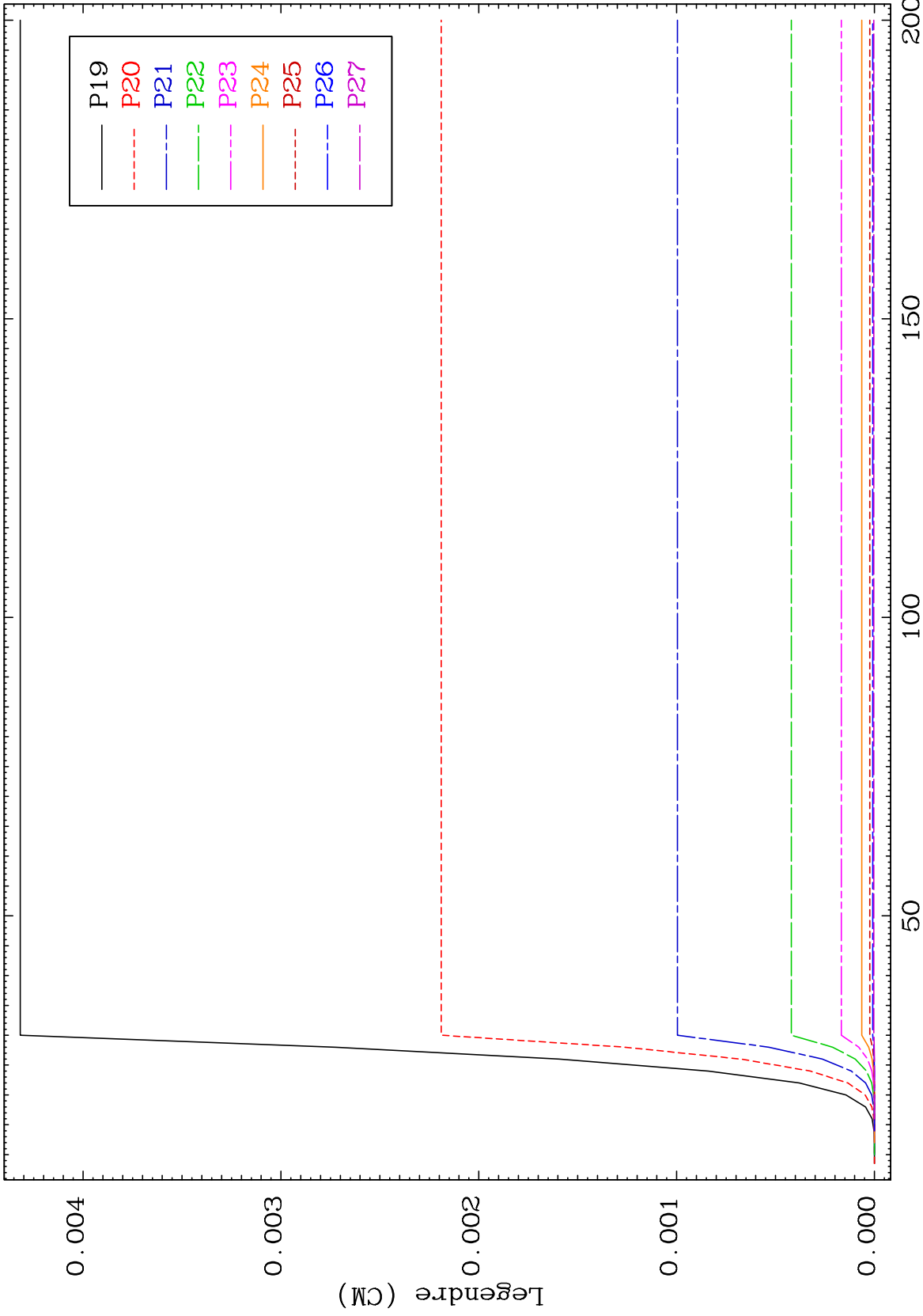
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



43

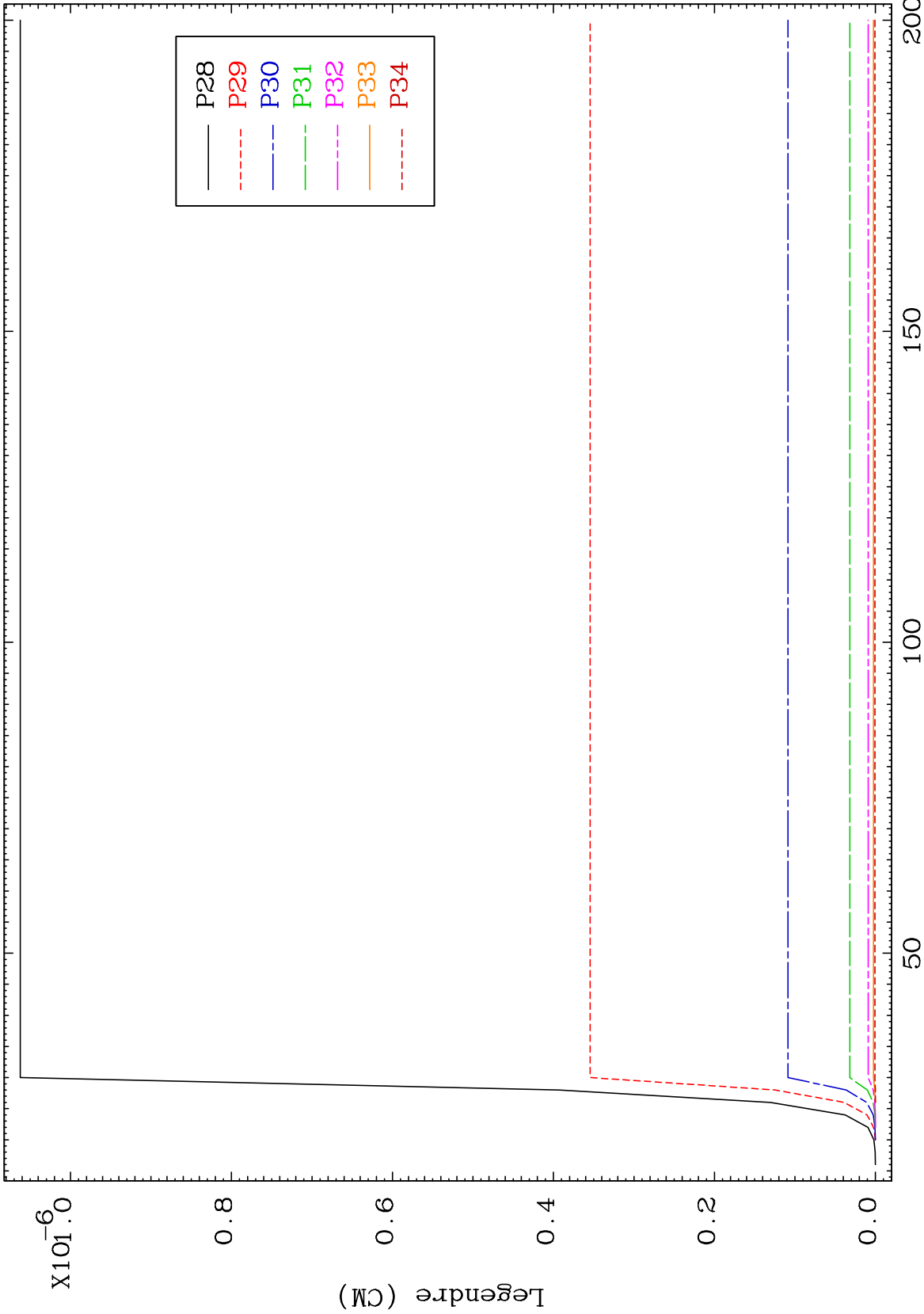
Incident Energy (MeV)

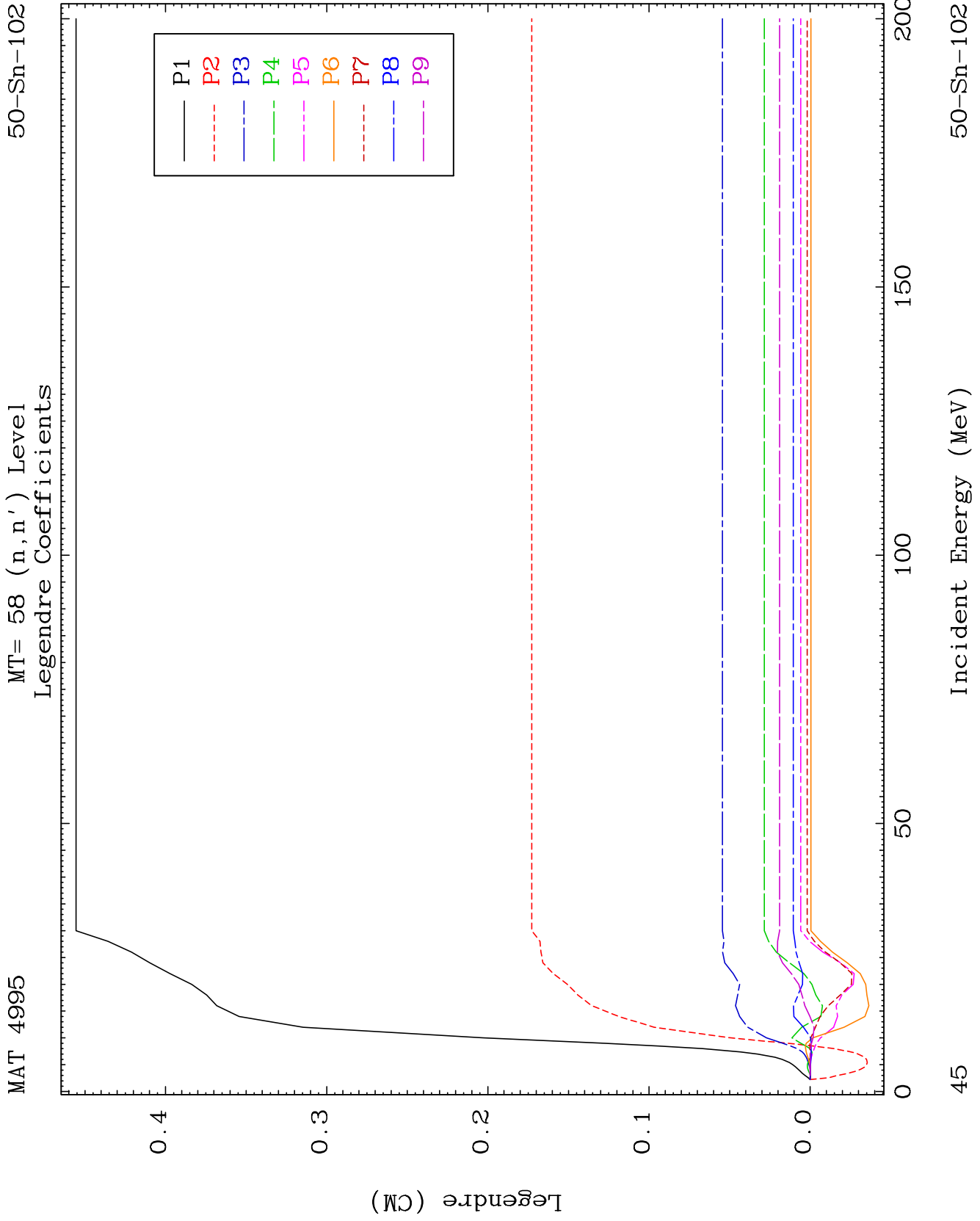
50-Sn-102

MAT 4995

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

50-Sn-102

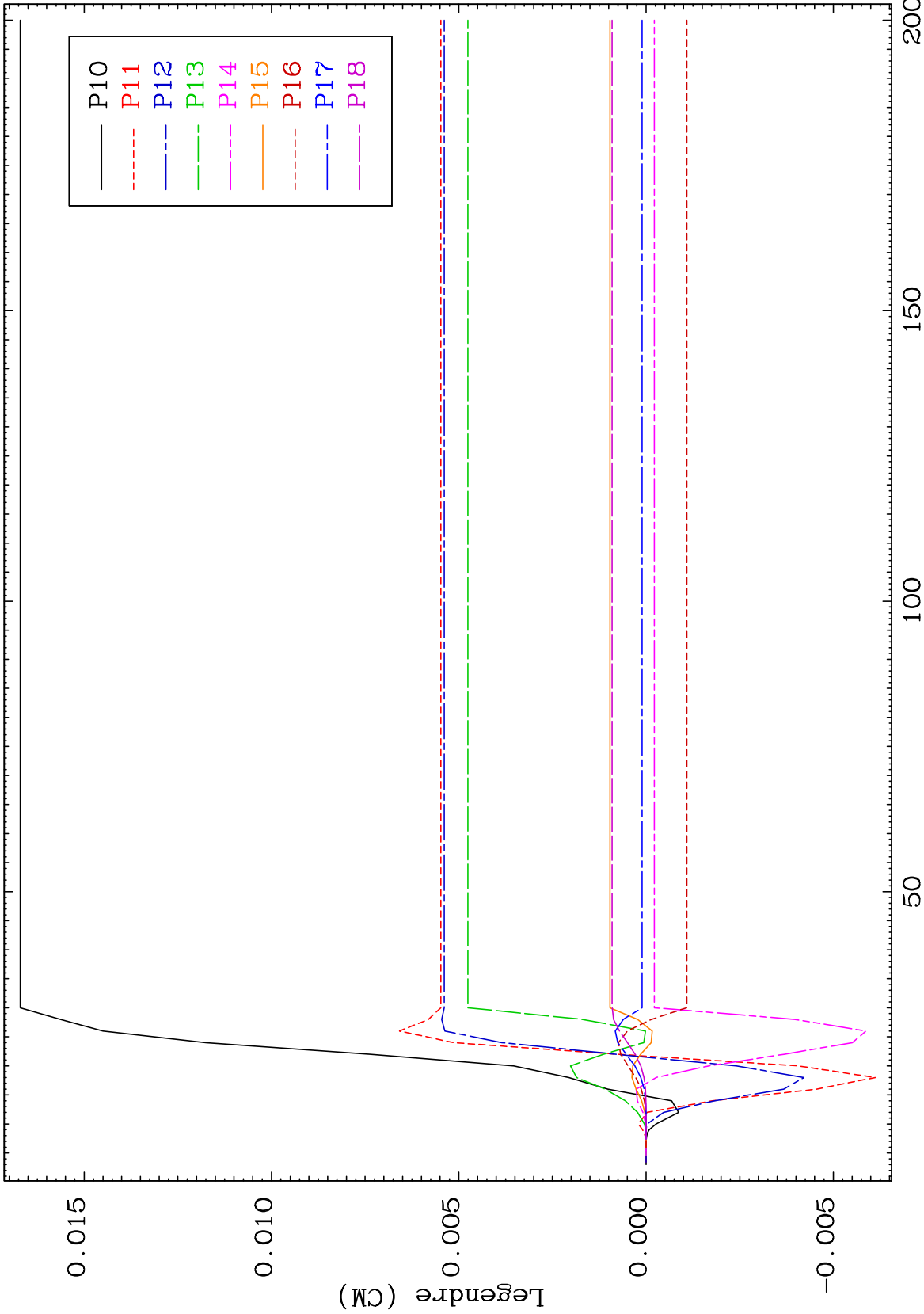




MAT 4995

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

50-Sn-102



46

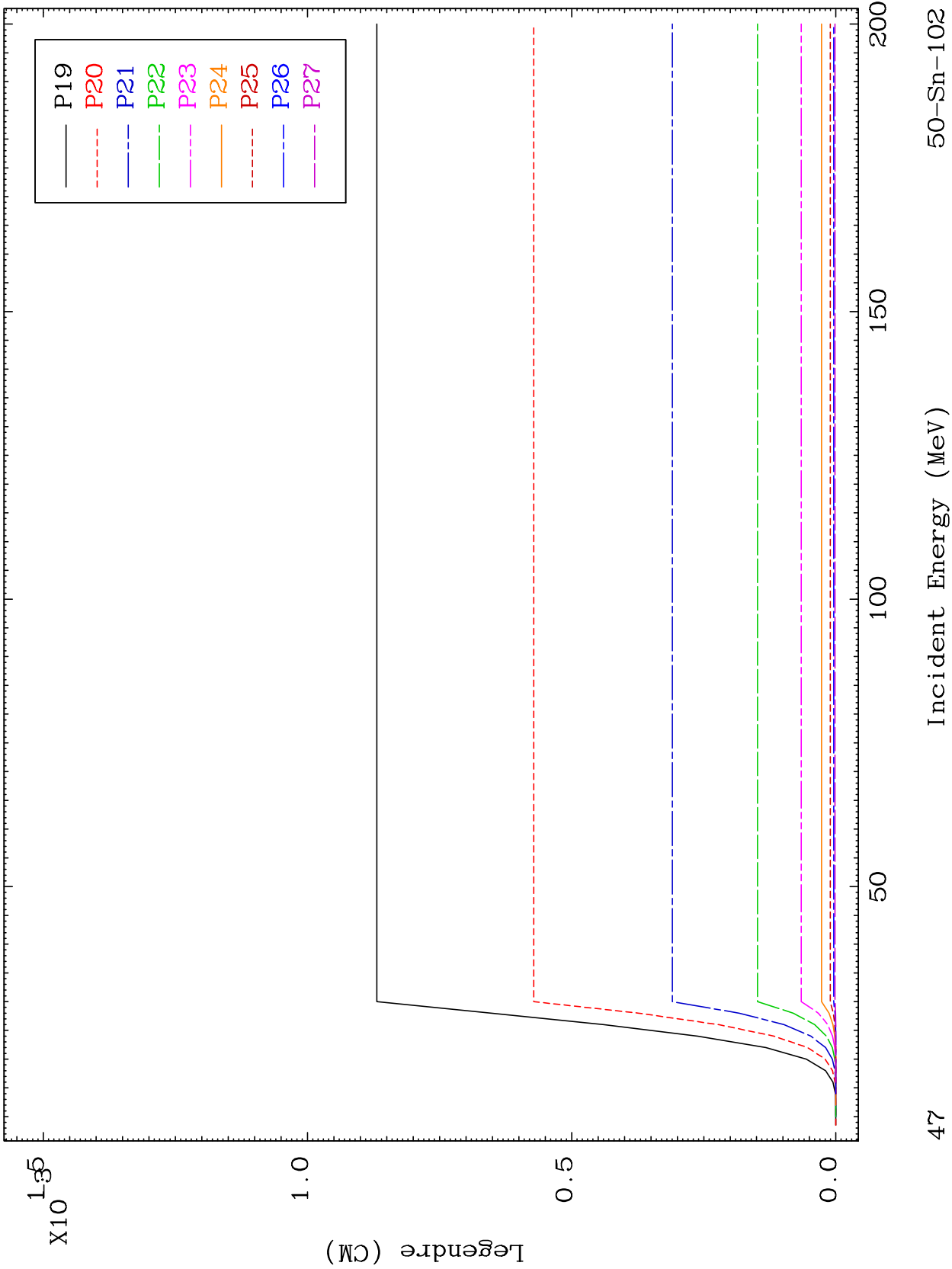
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

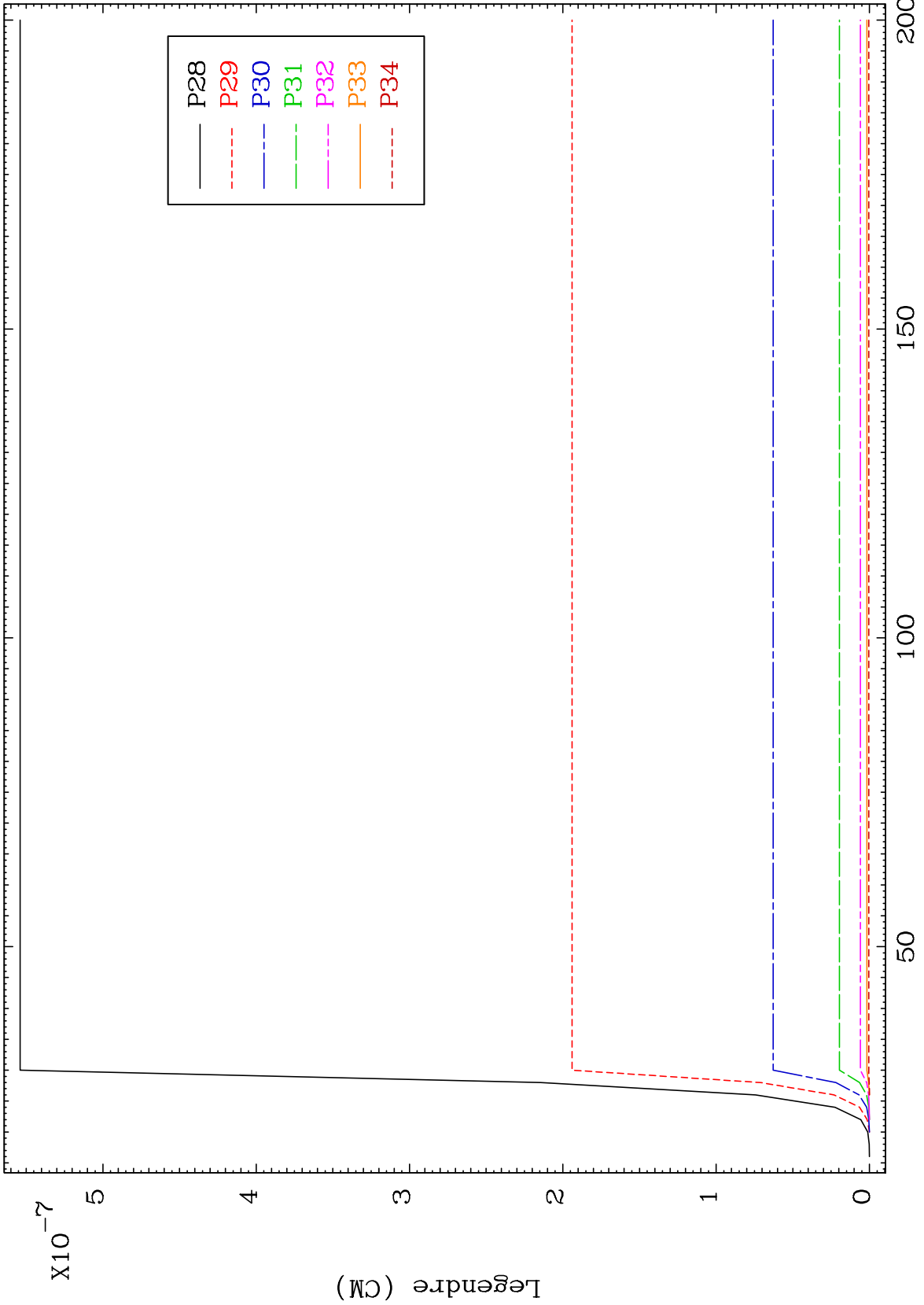




MAT 4995

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

50-Sn-102

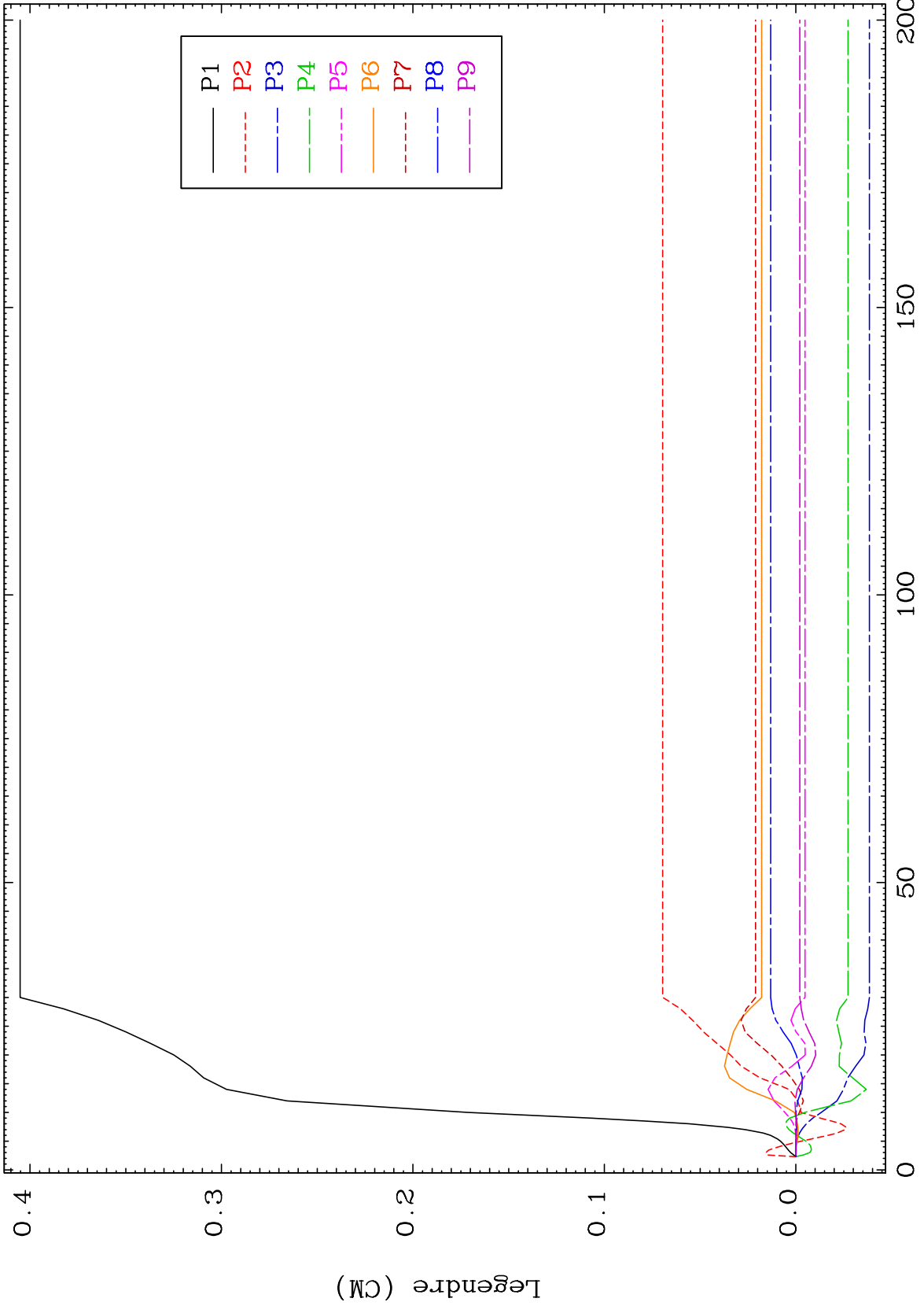


48

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-102

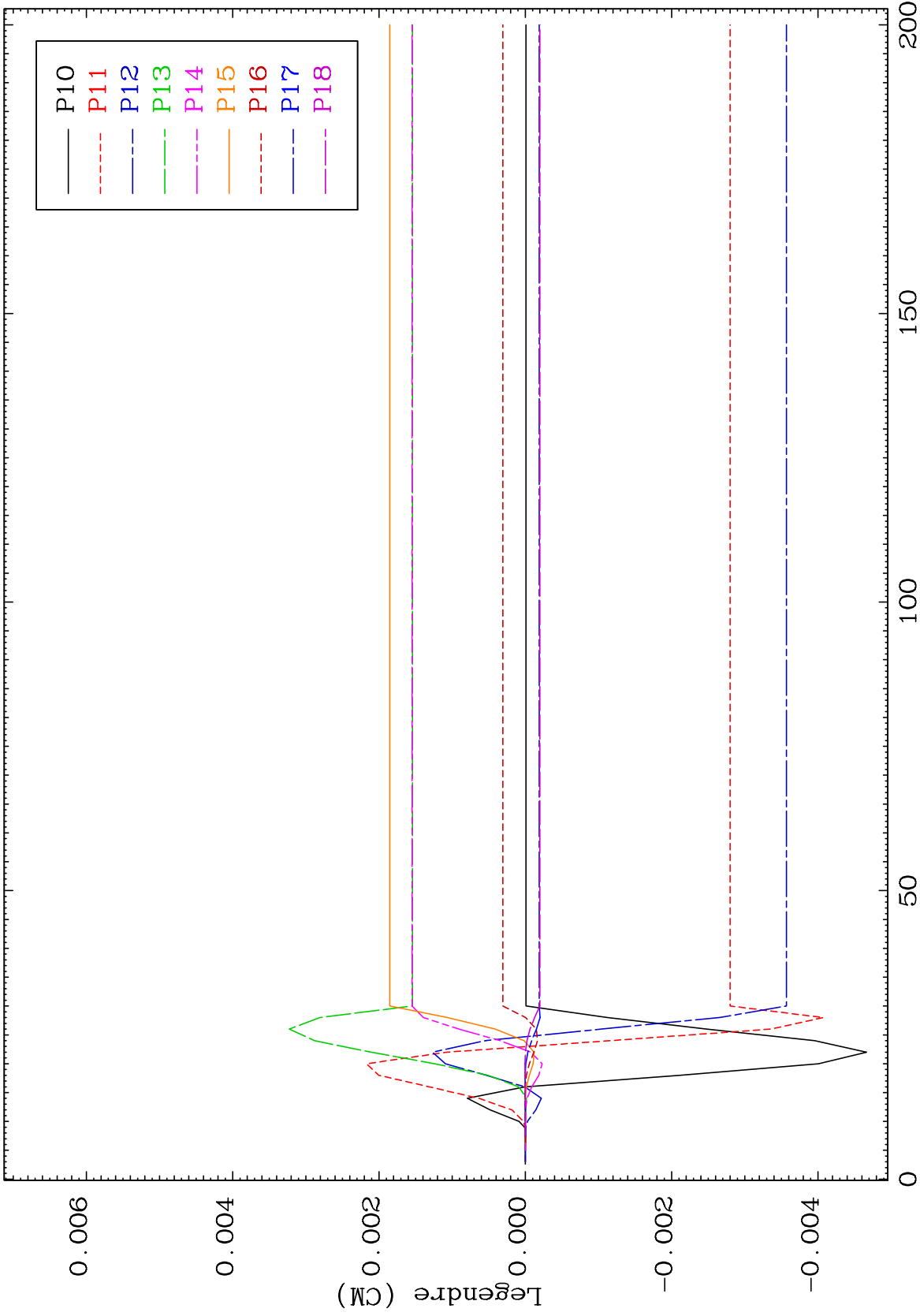


49 50-Sn-102

MAT 4995

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

50-Sn-102

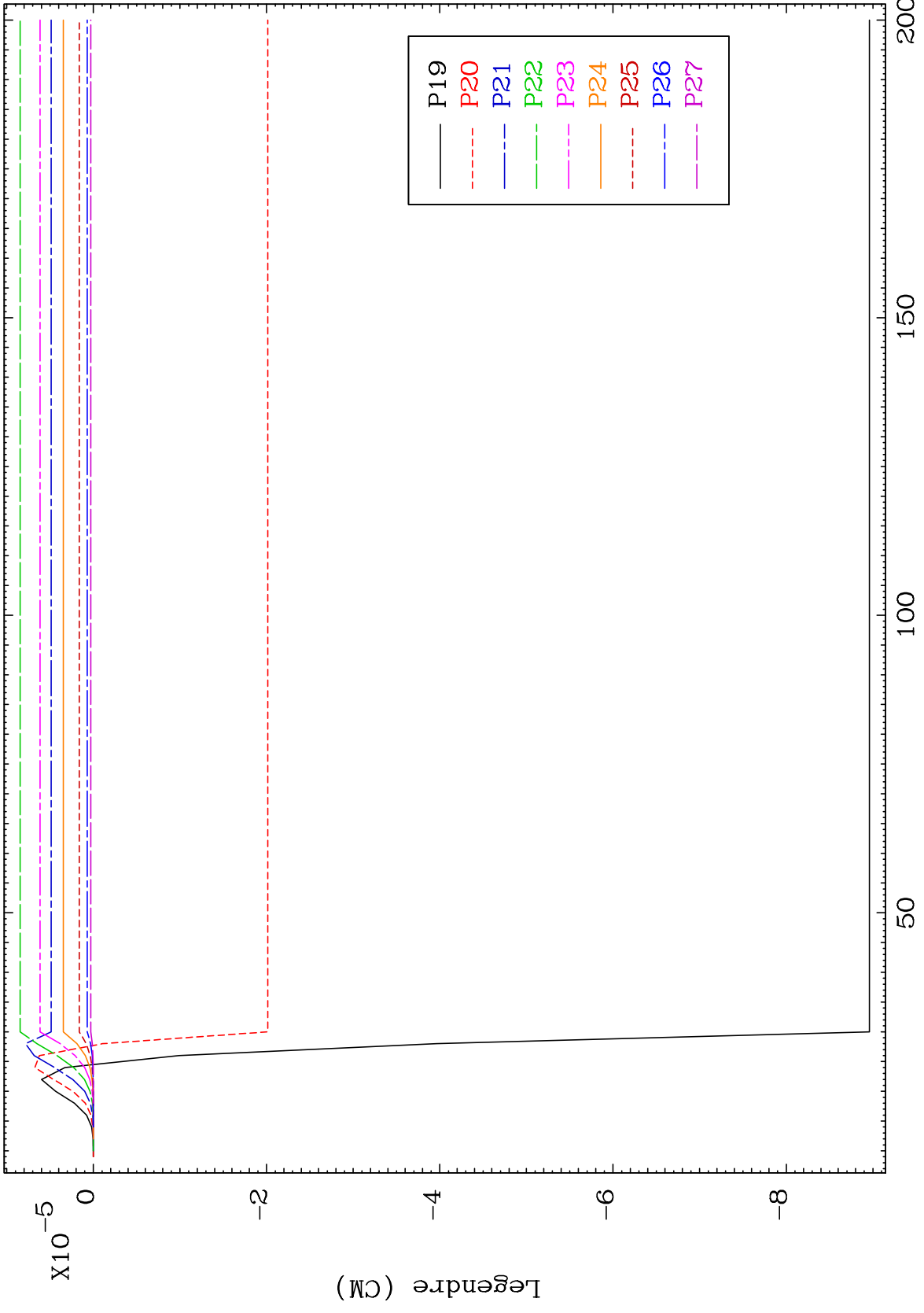


50

Incident Energy (MeV)

50-Sn-102

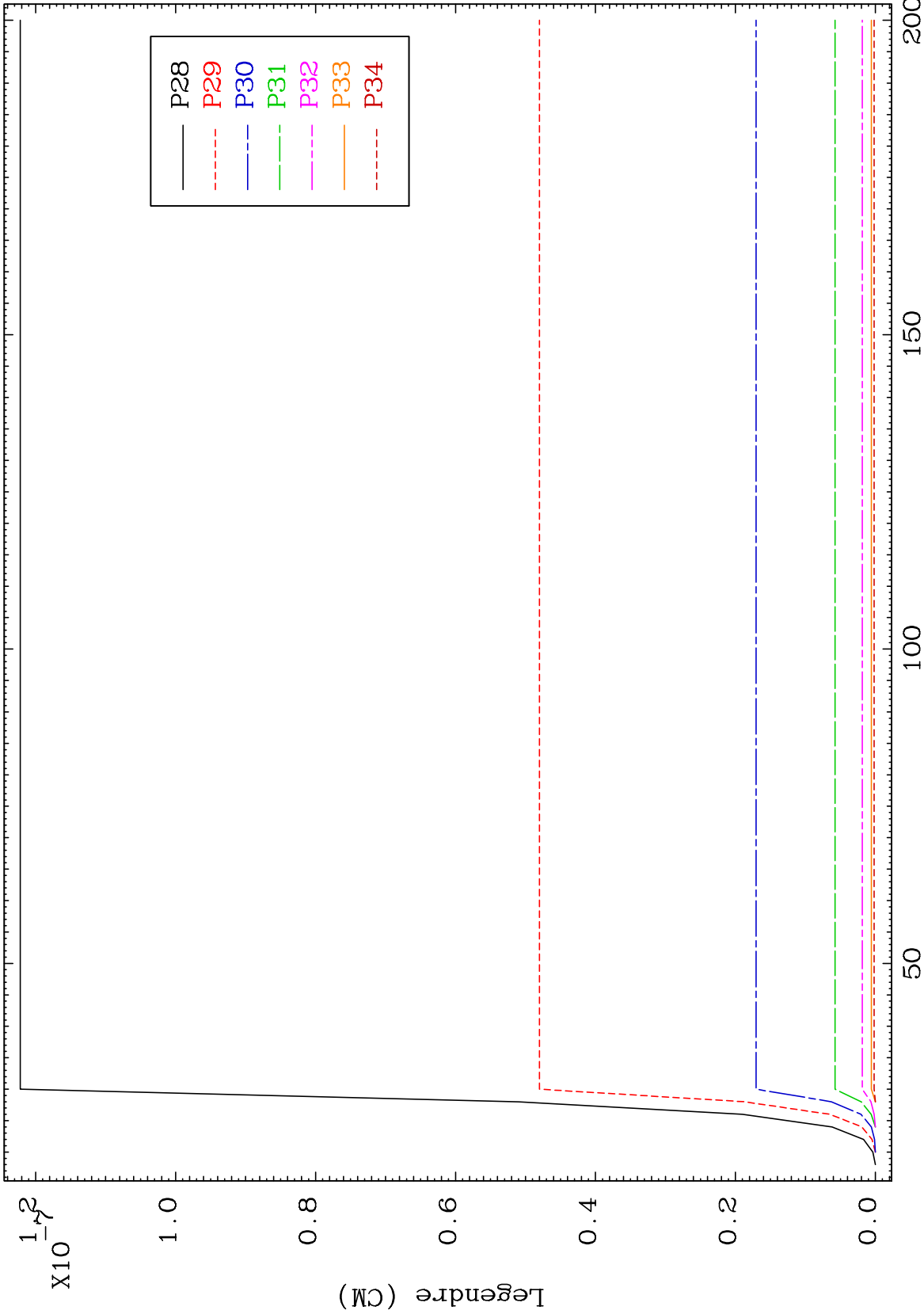
MAT 4995 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

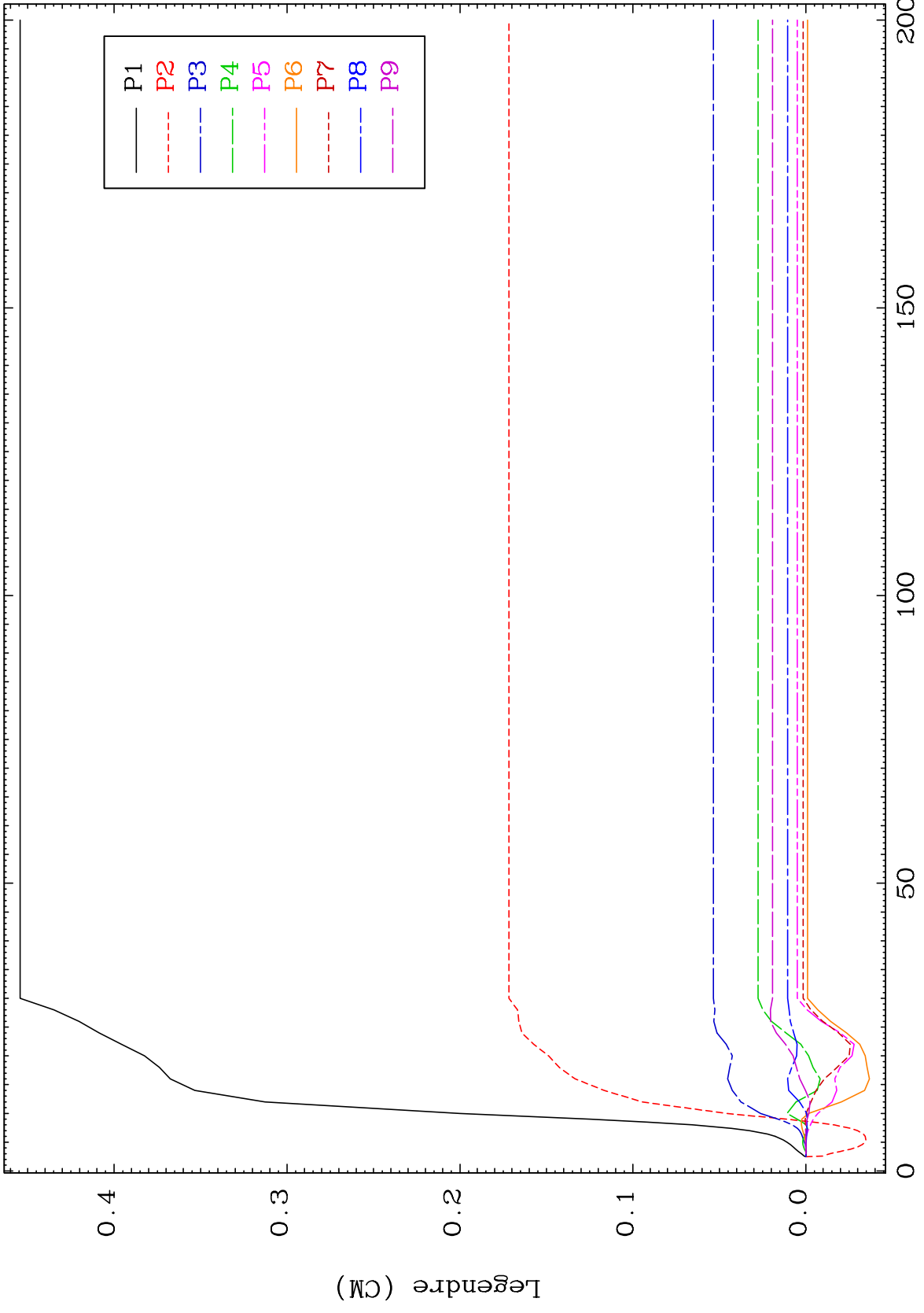


52

Incident Energy (MeV)

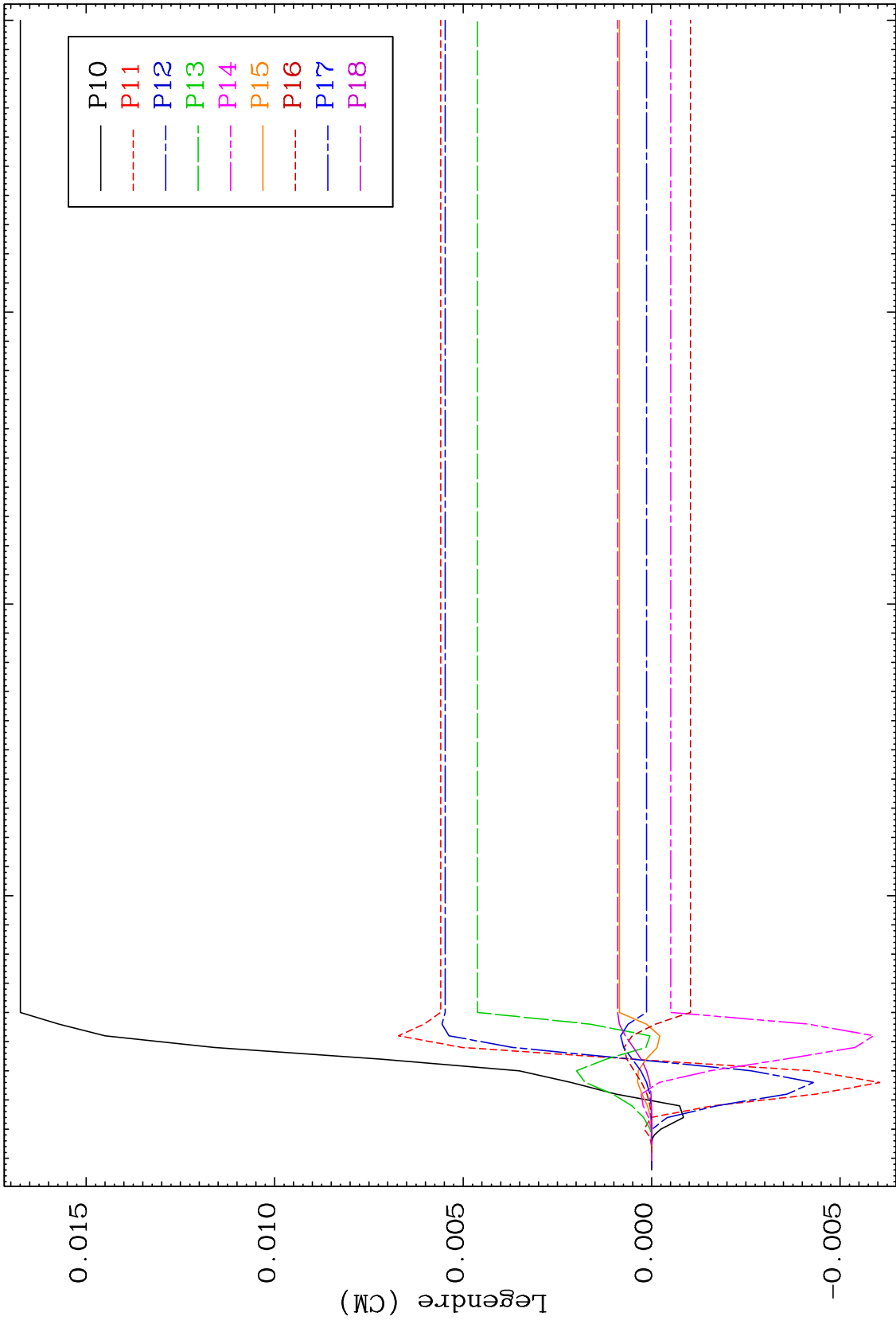
50-Sn-102

MAT 4995 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-102



53 Incident Energy (MeV) 50-Sn-102

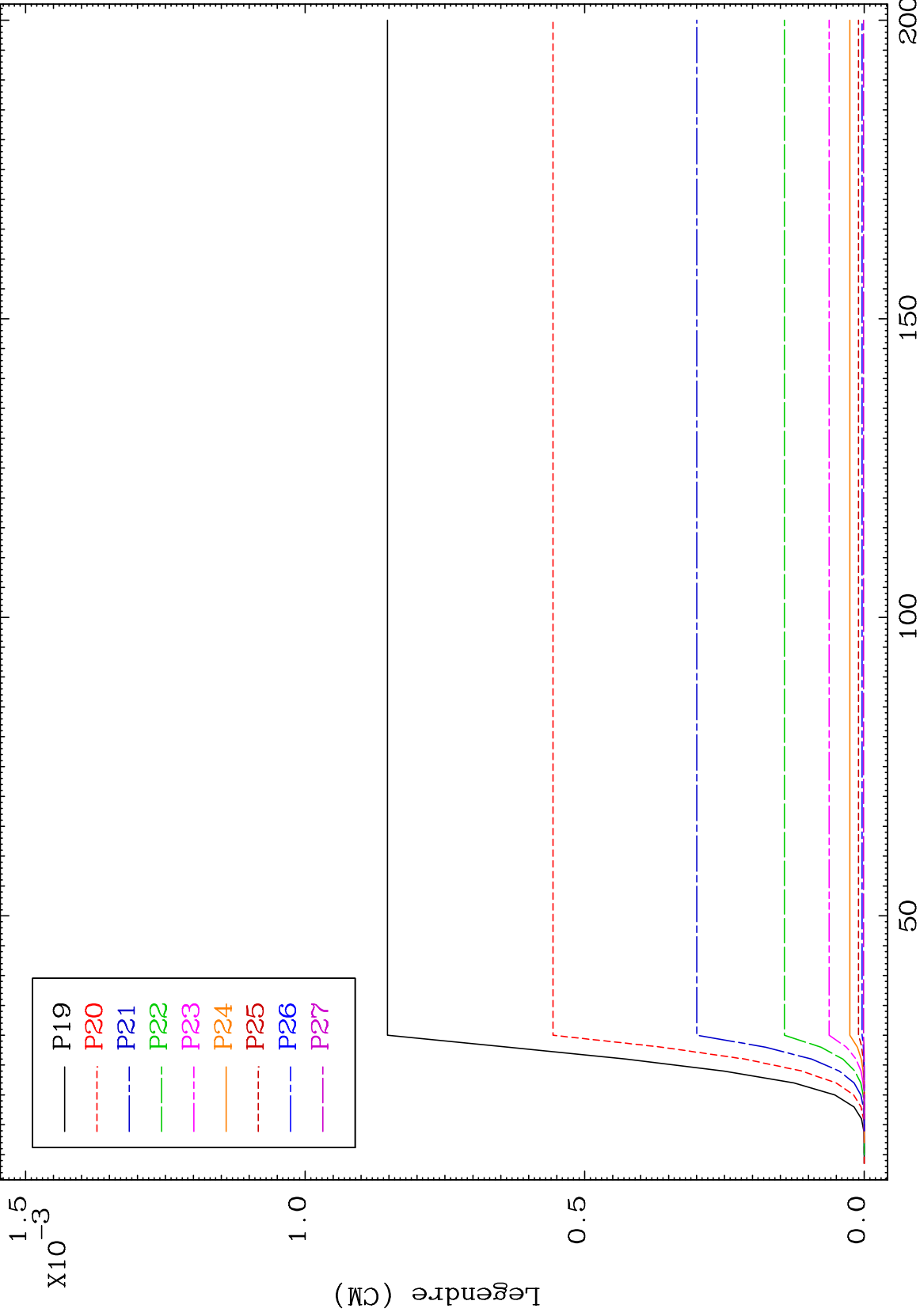
MAT 4995 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

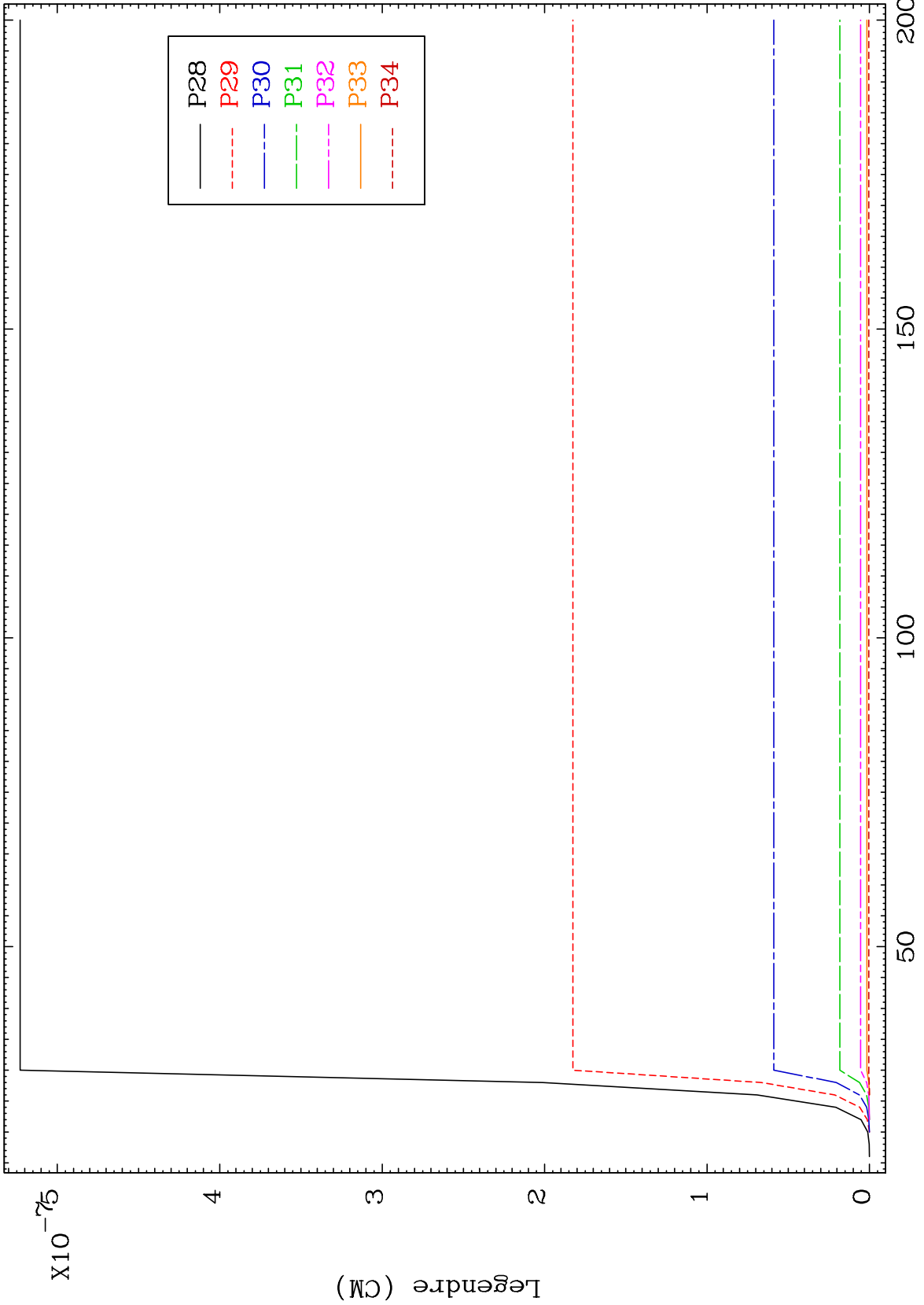




MAT 4995

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

50-Sn-102



56

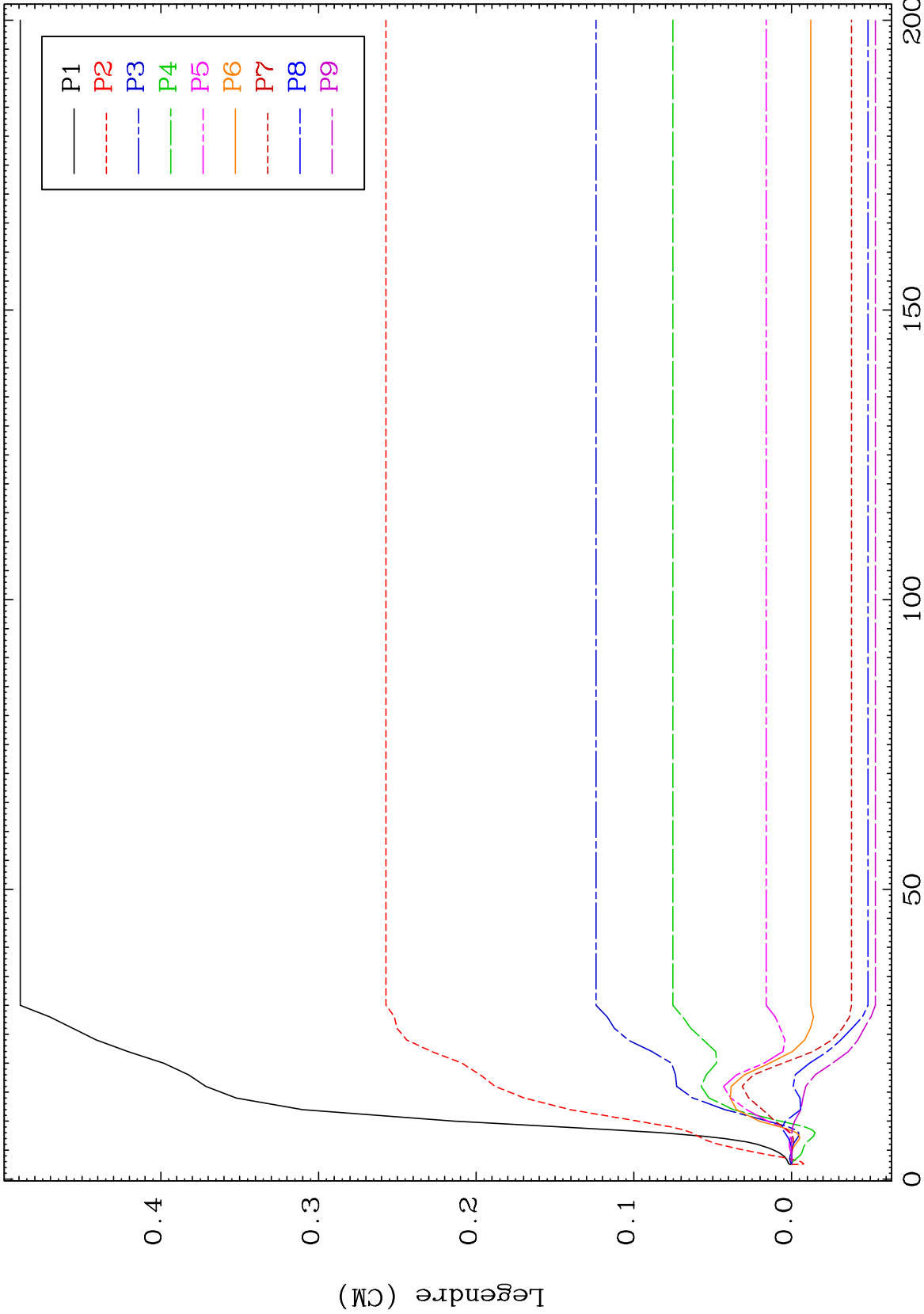
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



57

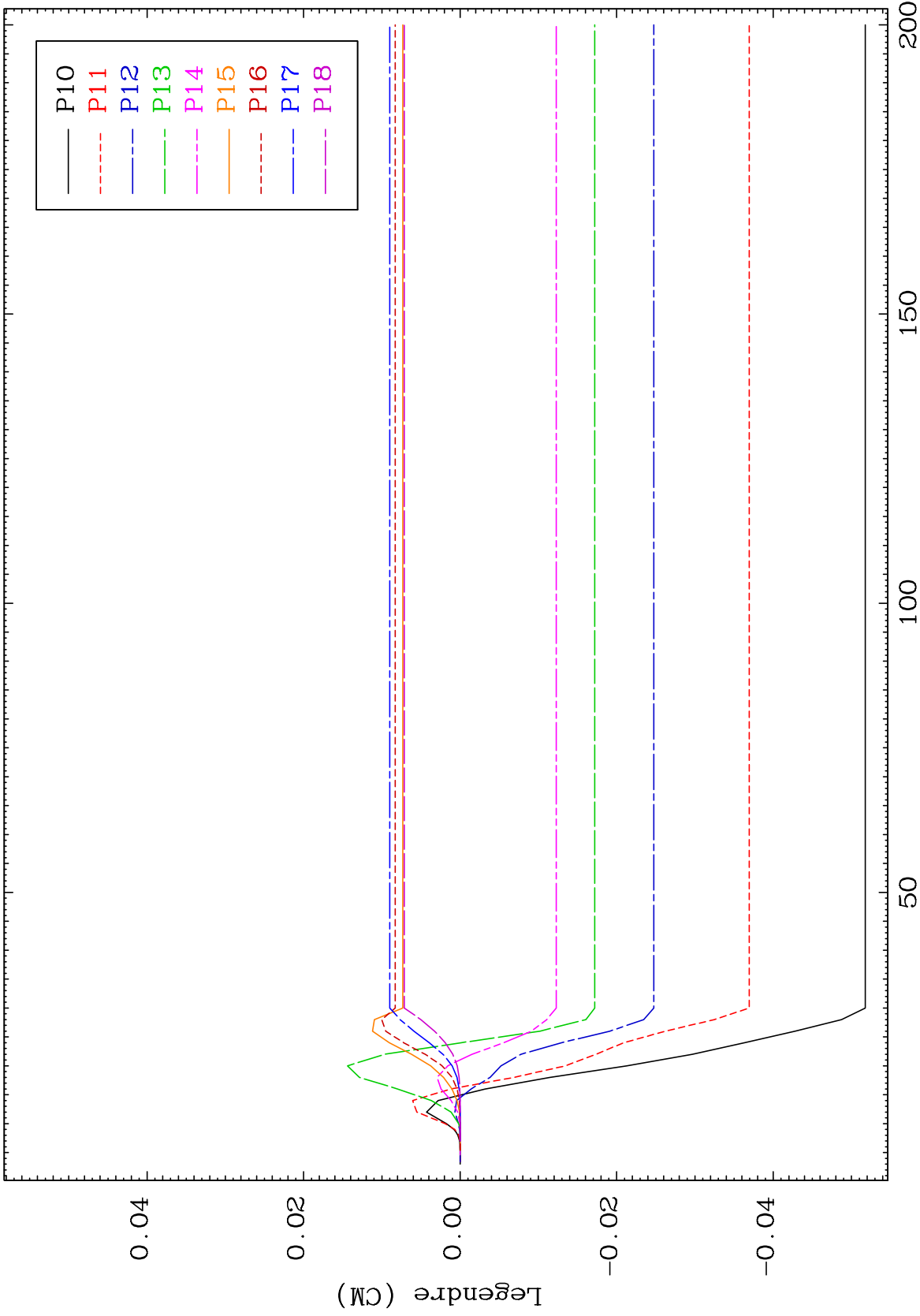
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

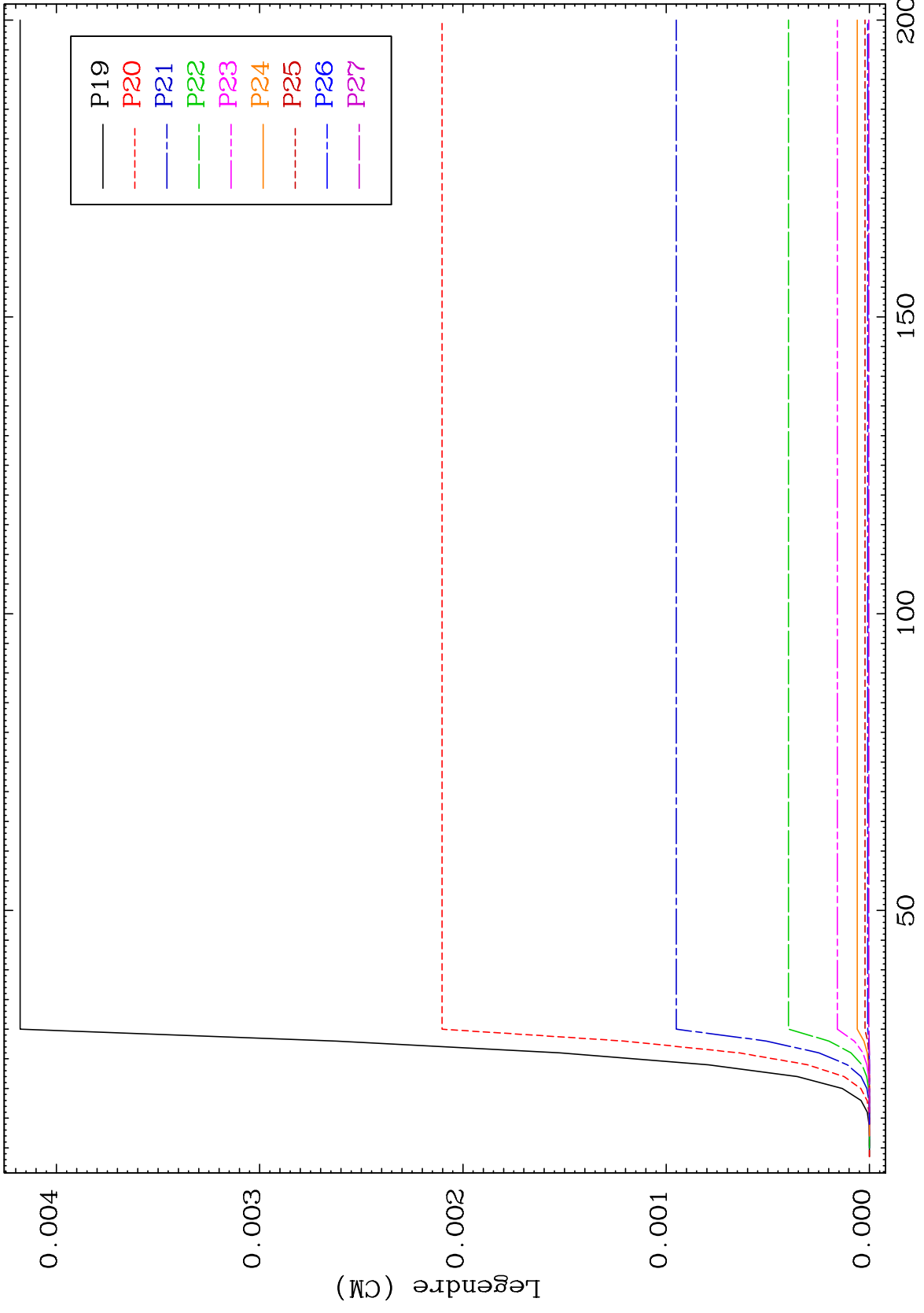


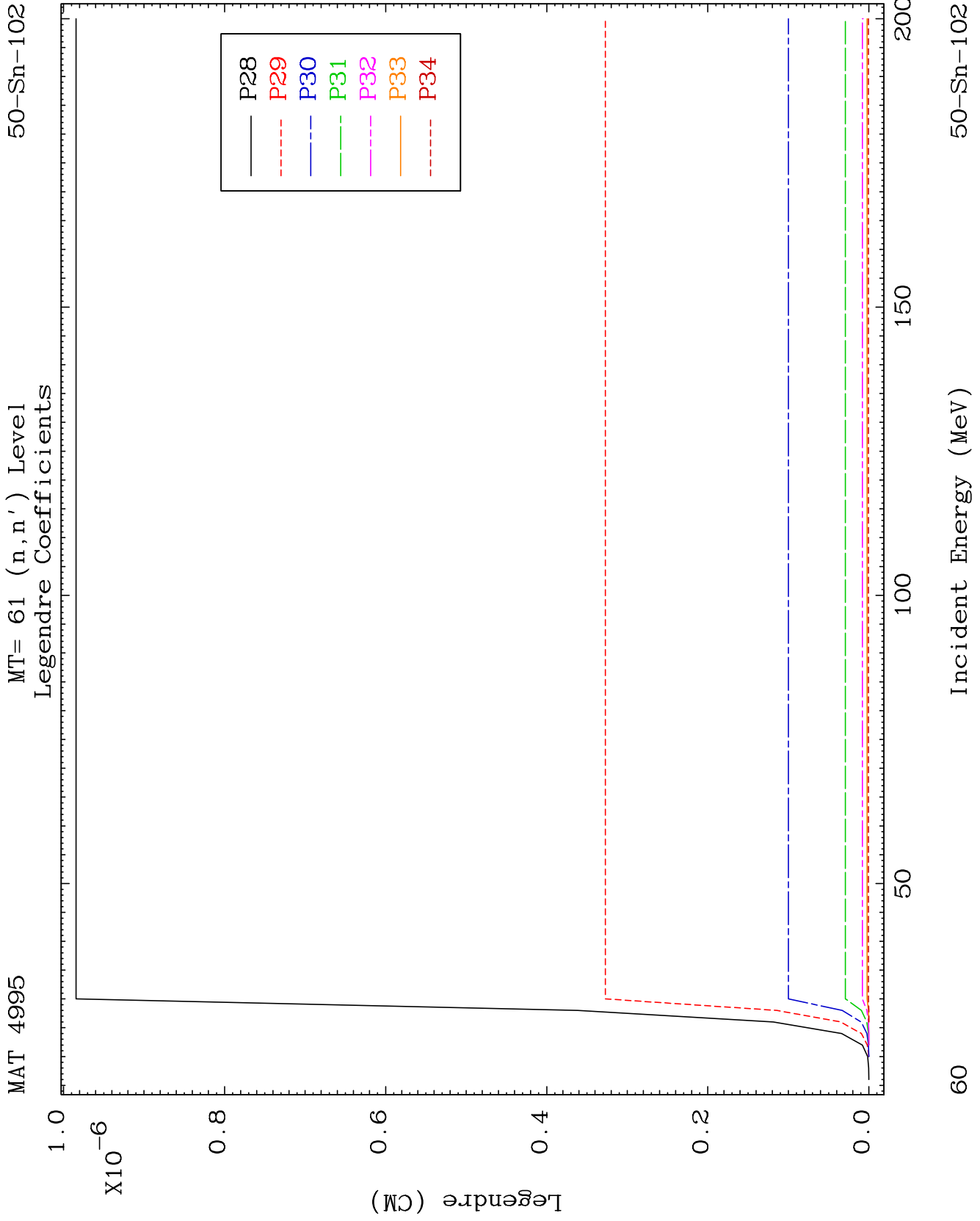
58

Incident Energy (MeV)

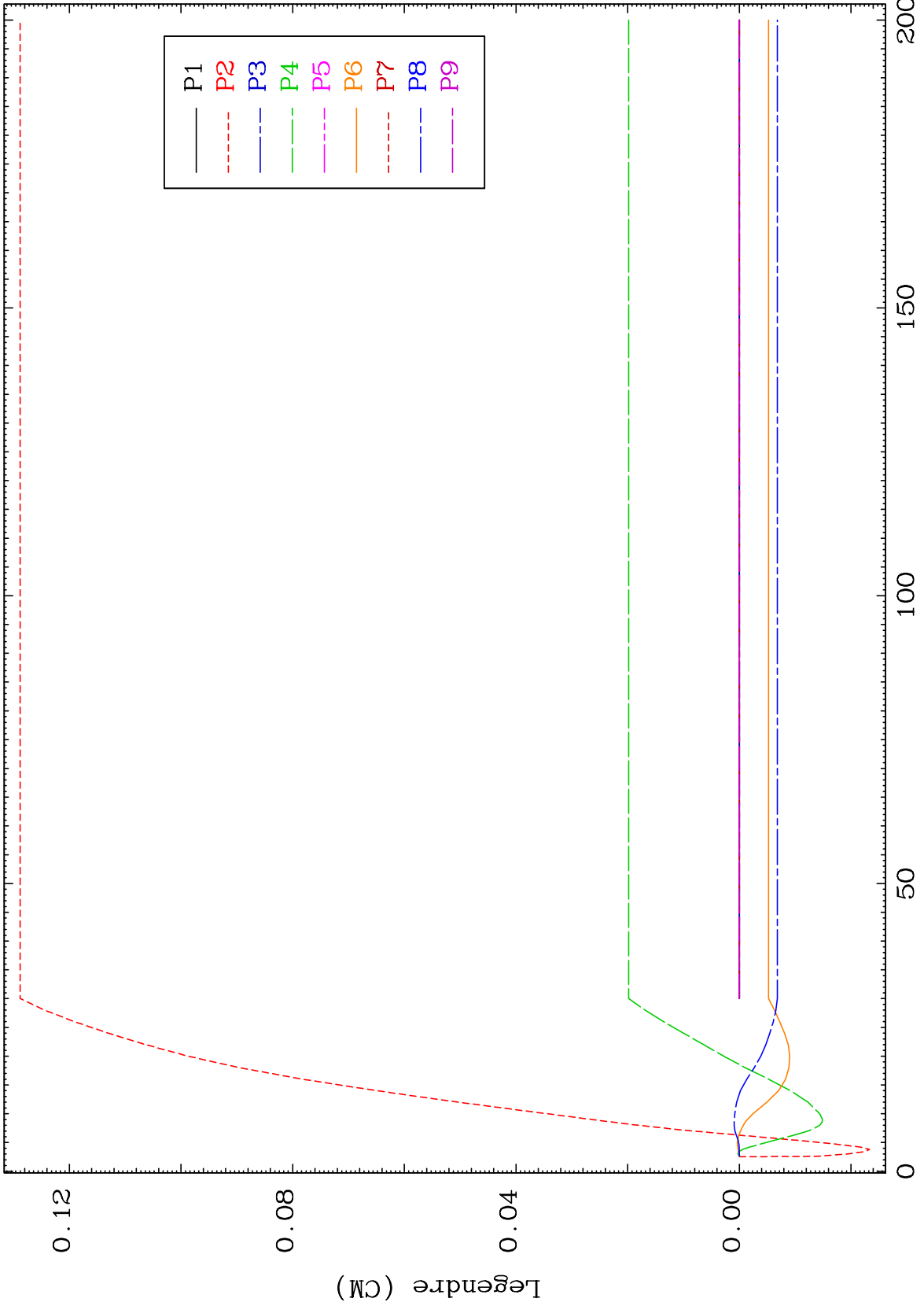
50-Sn-102

MAT 4995 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-102





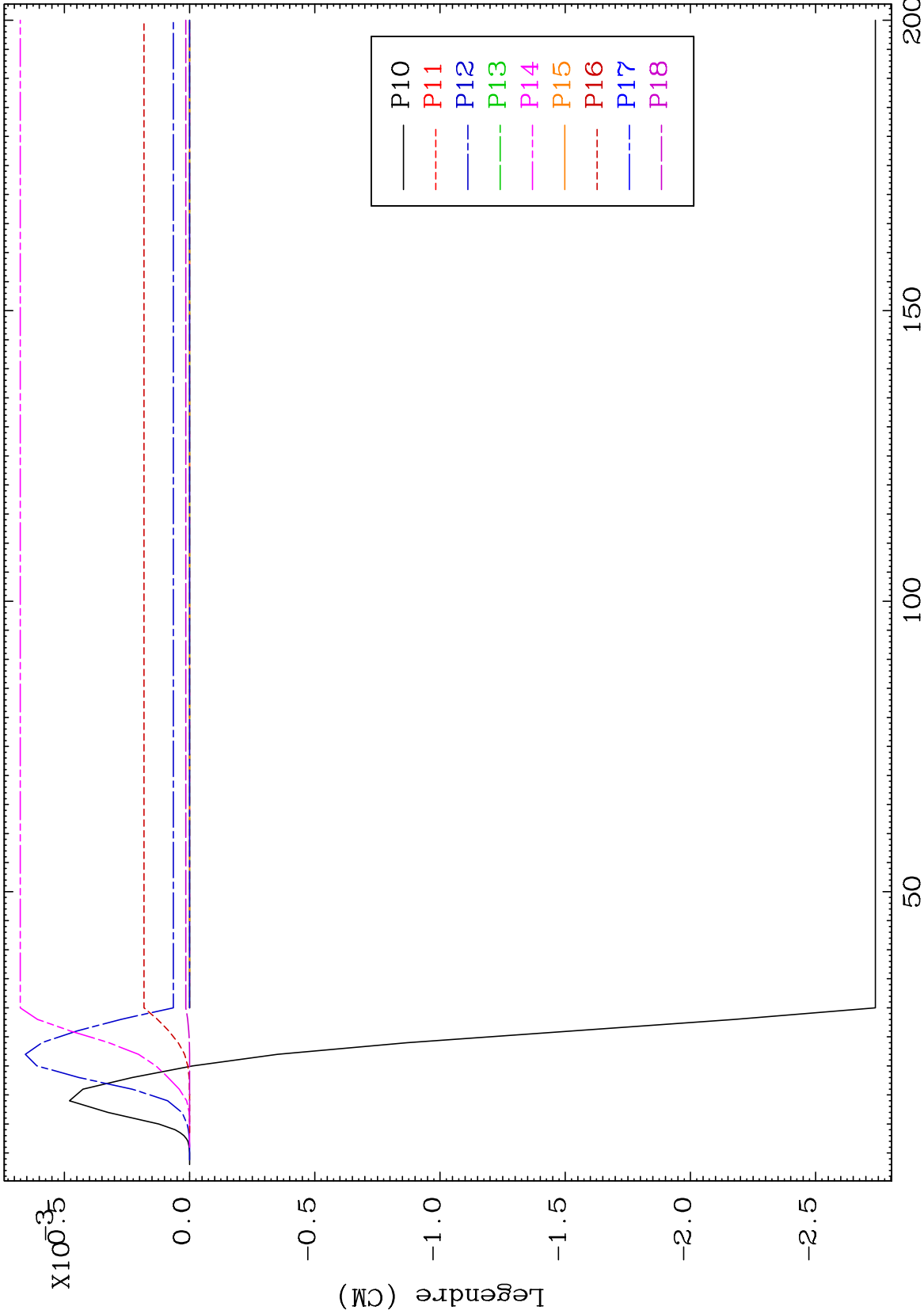
MAT 4995 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

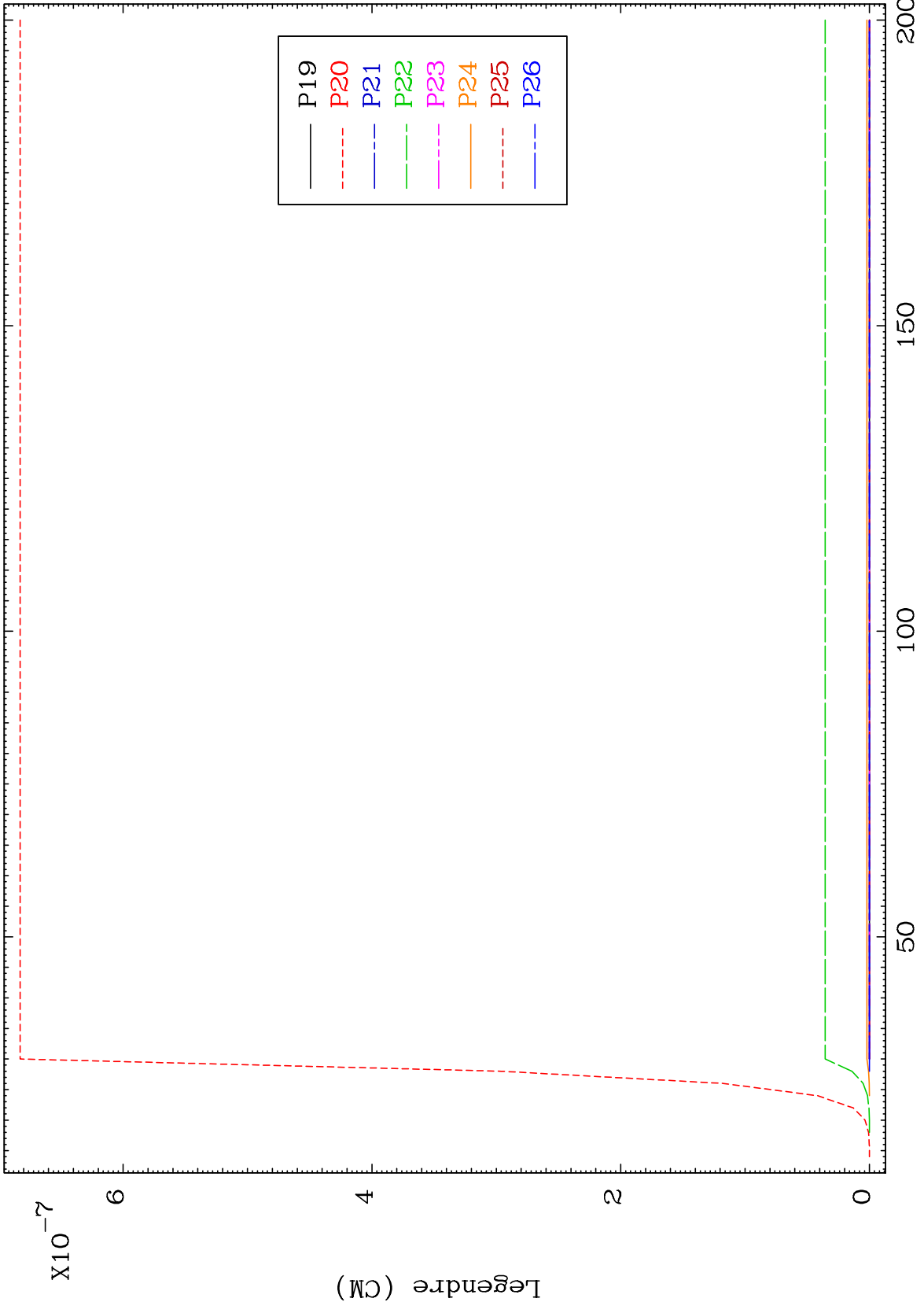


62

Incident Energy (MeV)

50-Sn-102

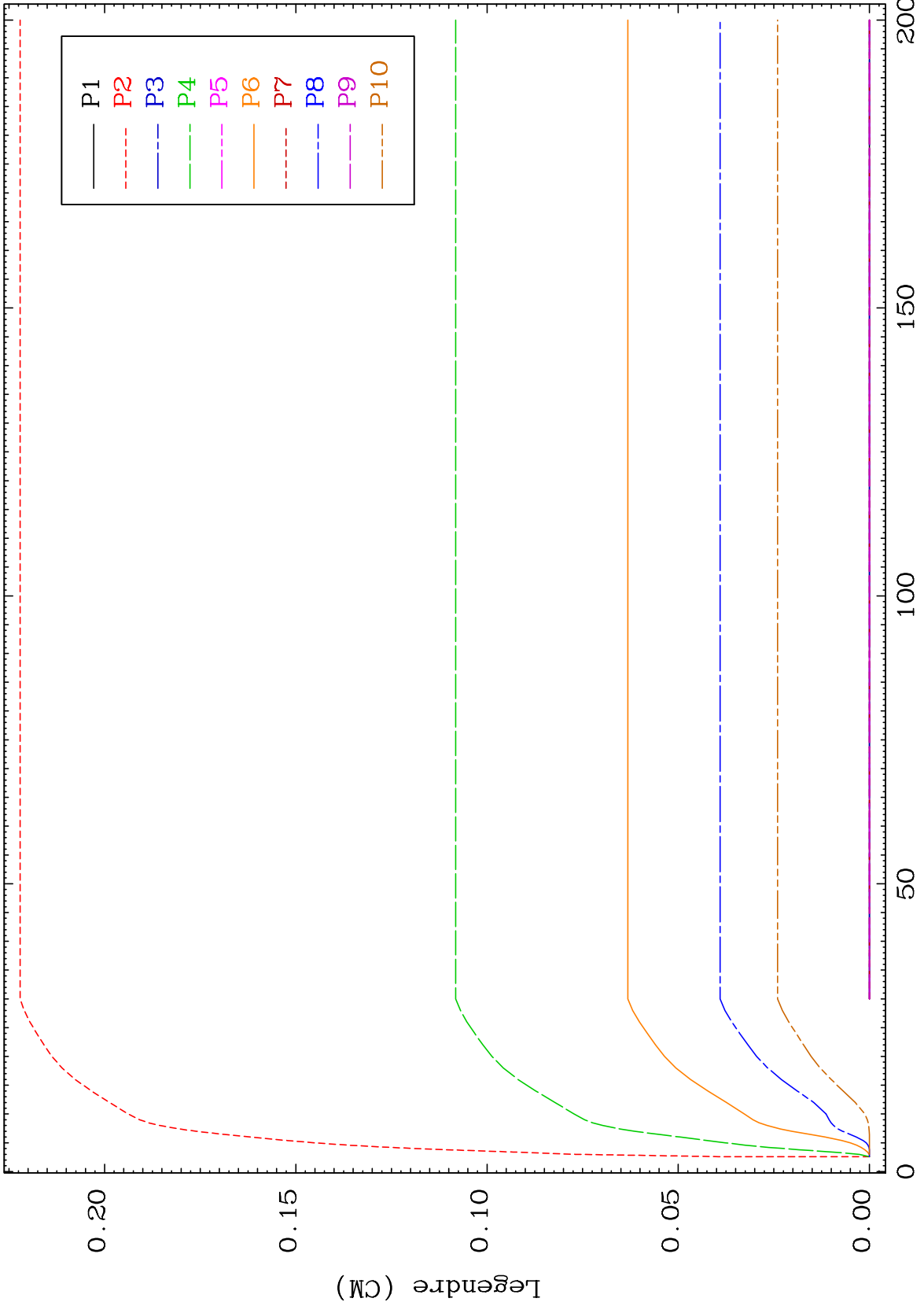
MAT 4995 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-102



63 50-Sn-102



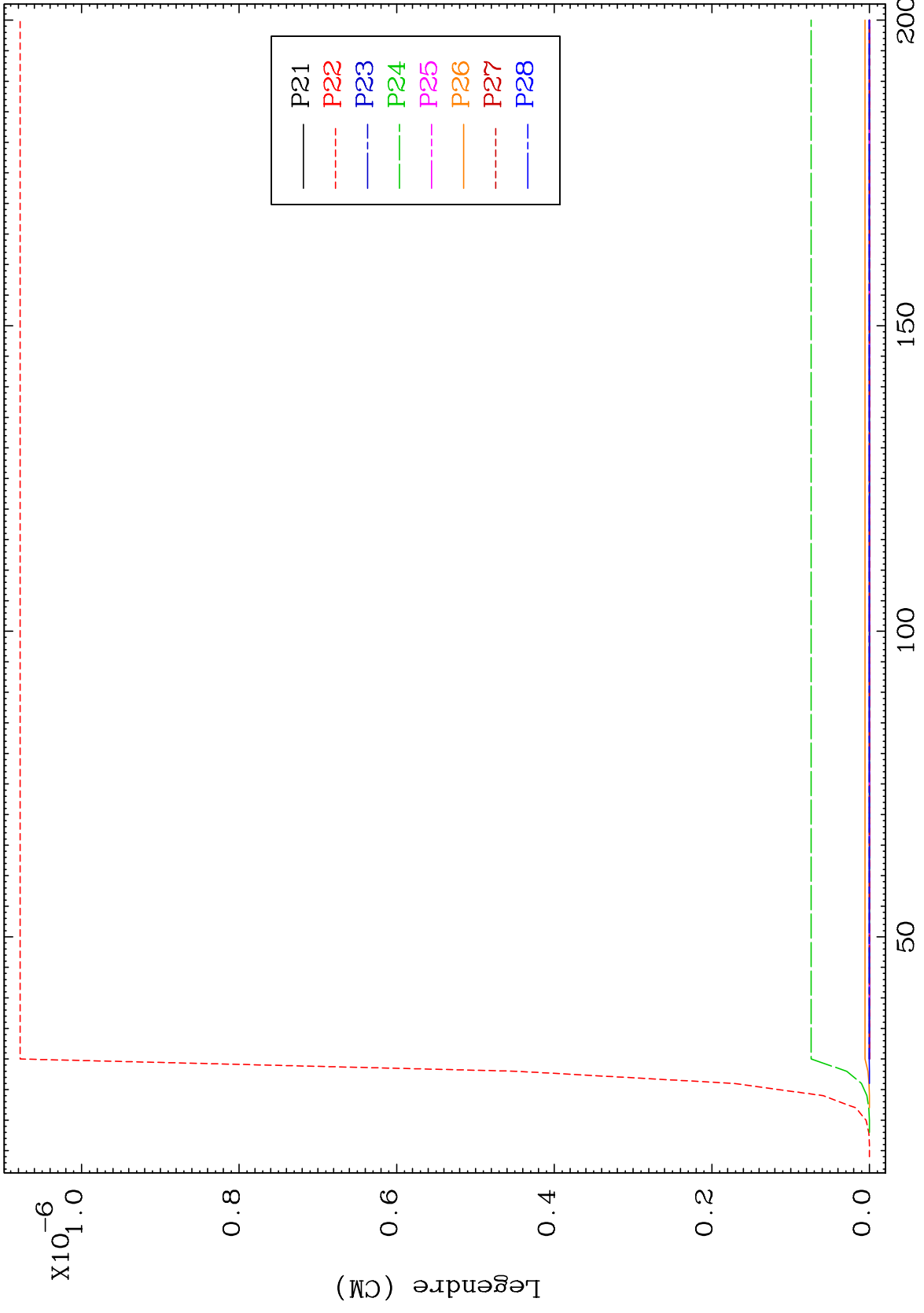
MAT 4995 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-102



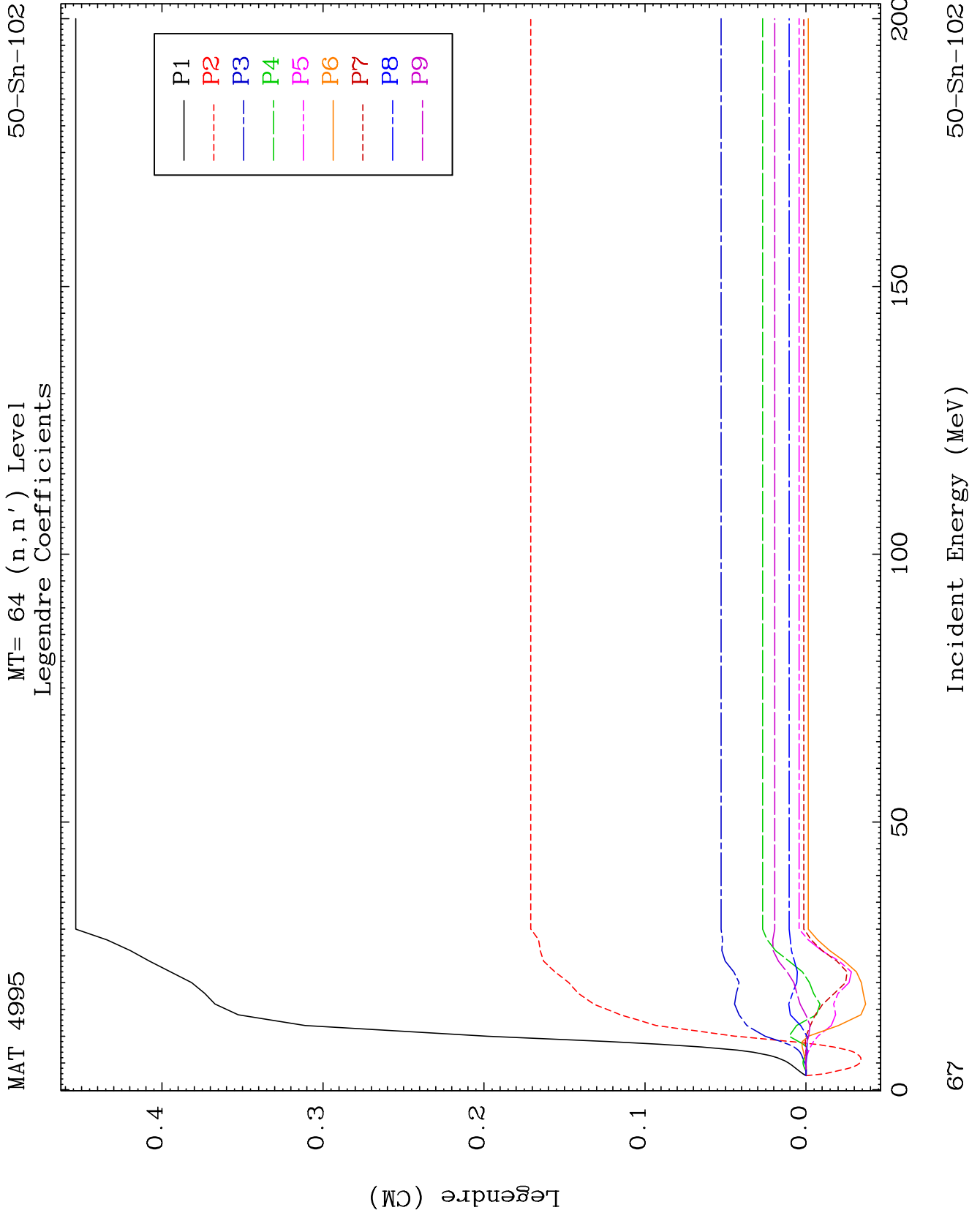
64 Incident Energy (MeV) 50-Sn-102



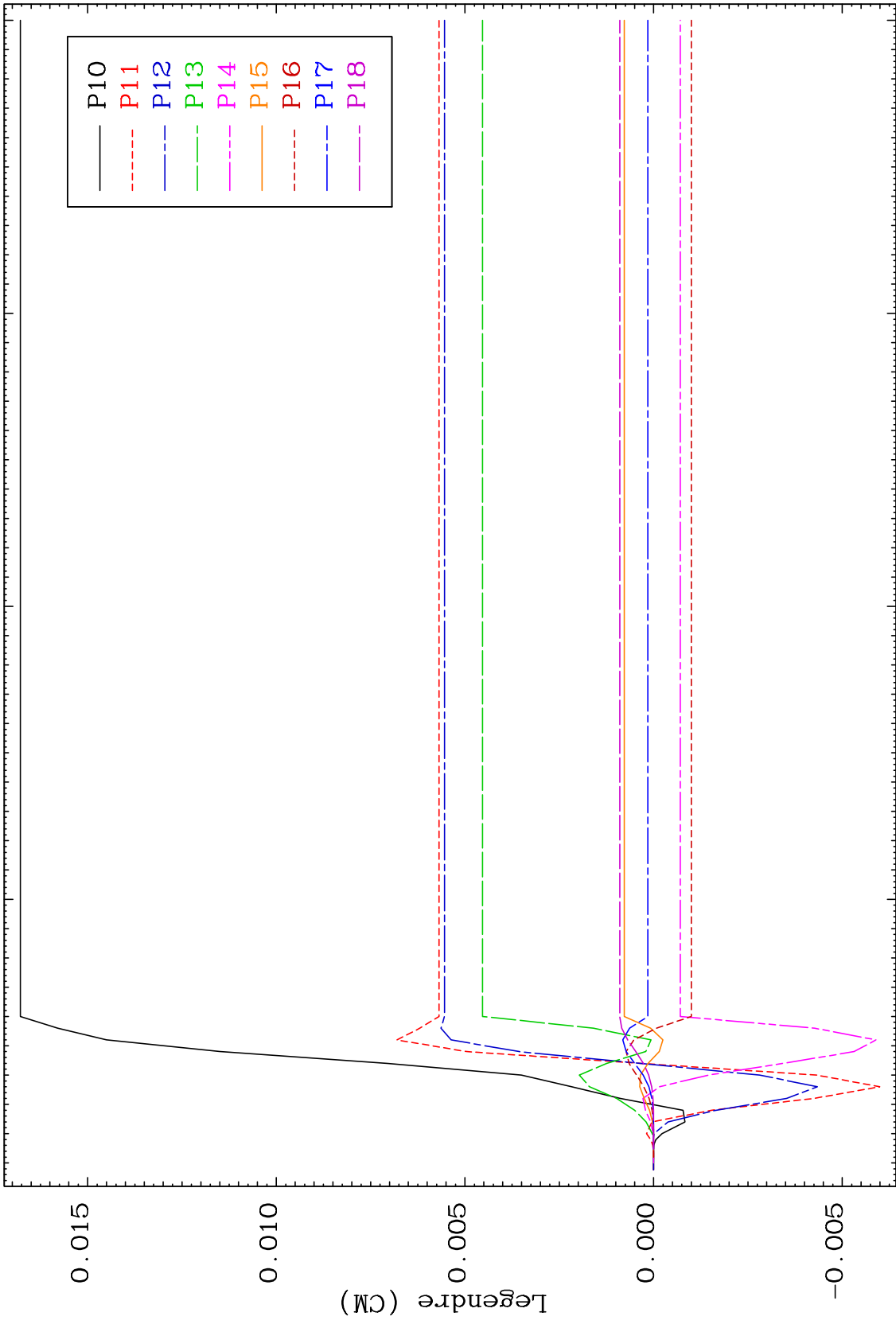
MAT 4995 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-102



66 50-Sn-102



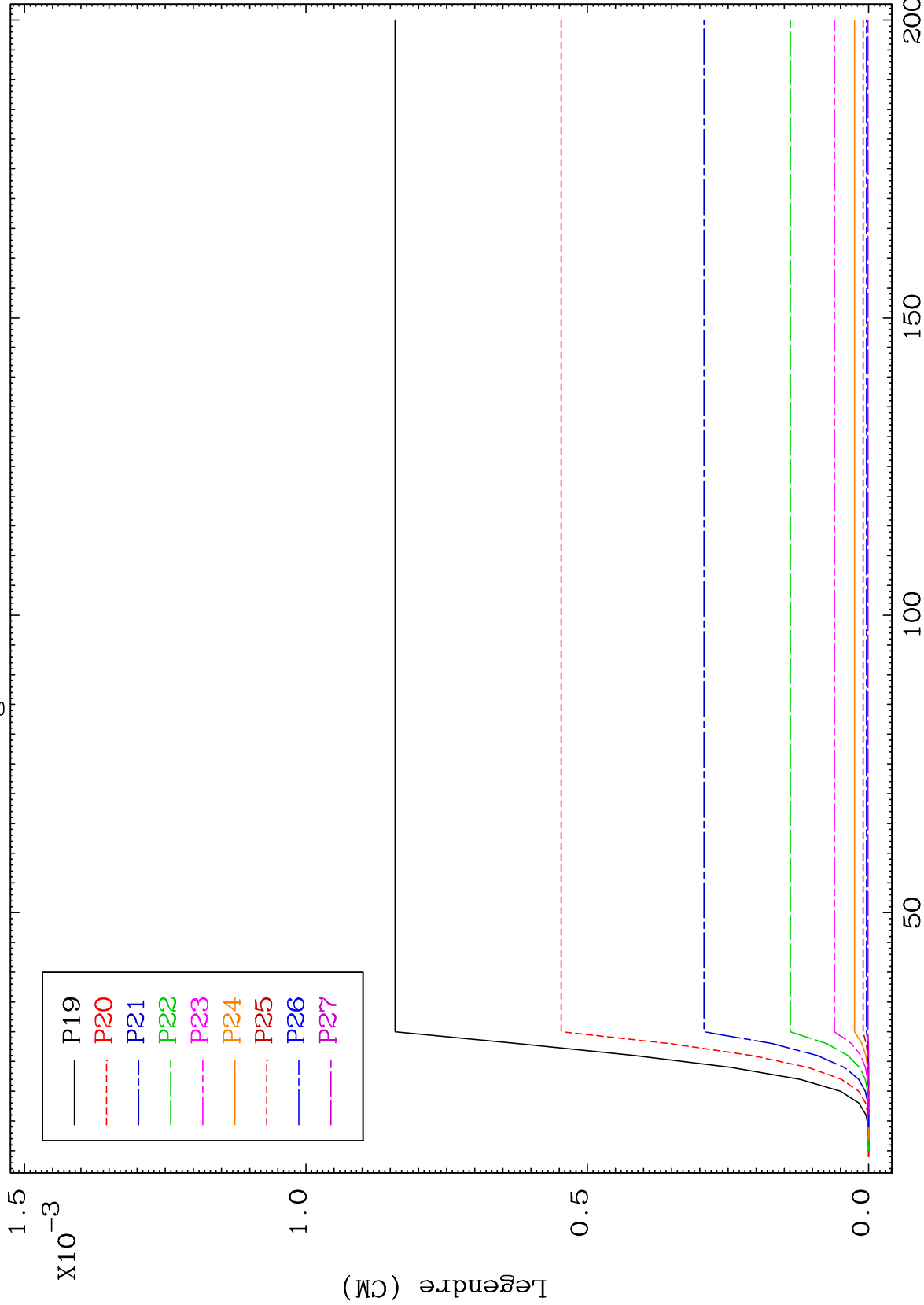
MAT 4995 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102



69

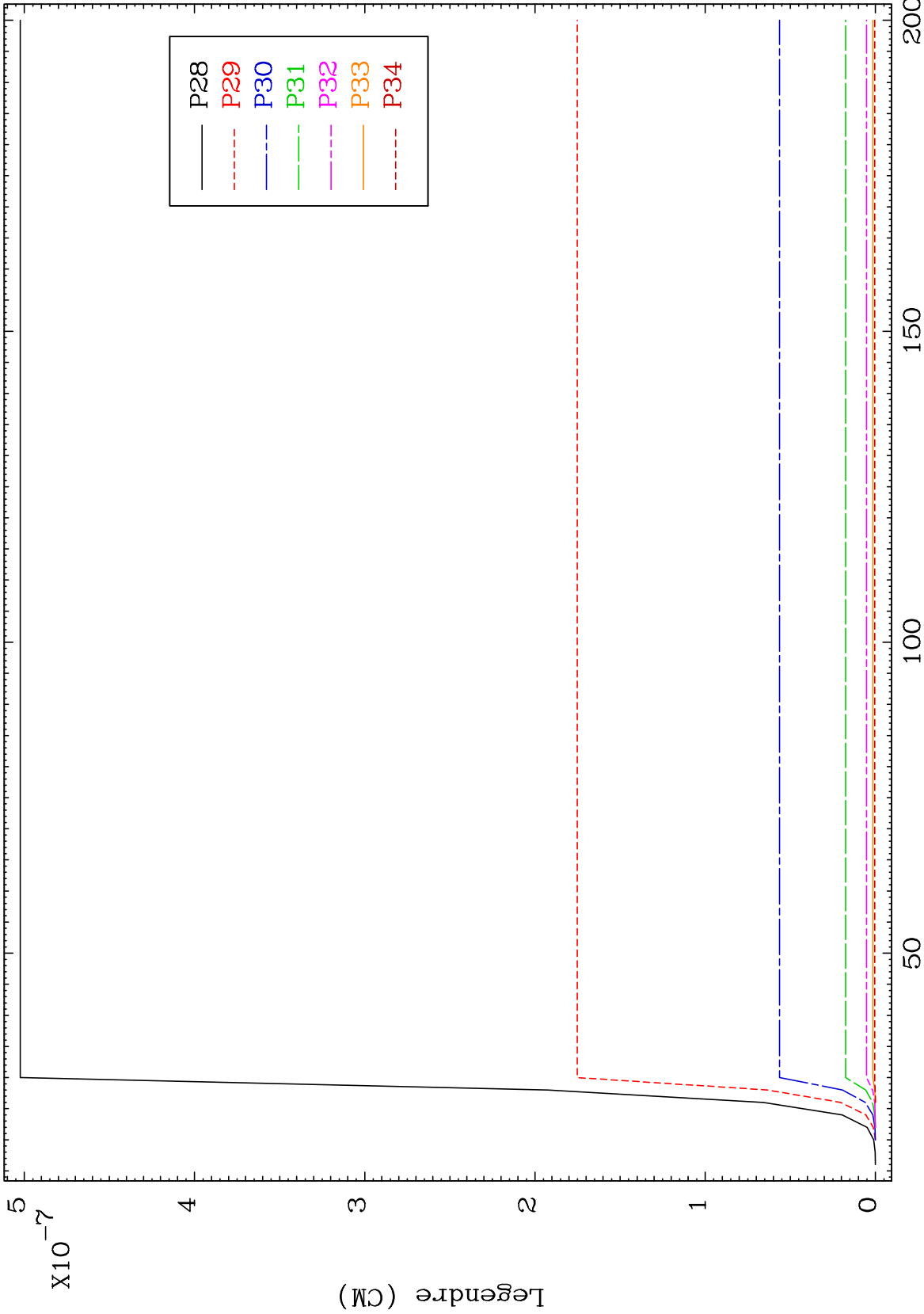
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

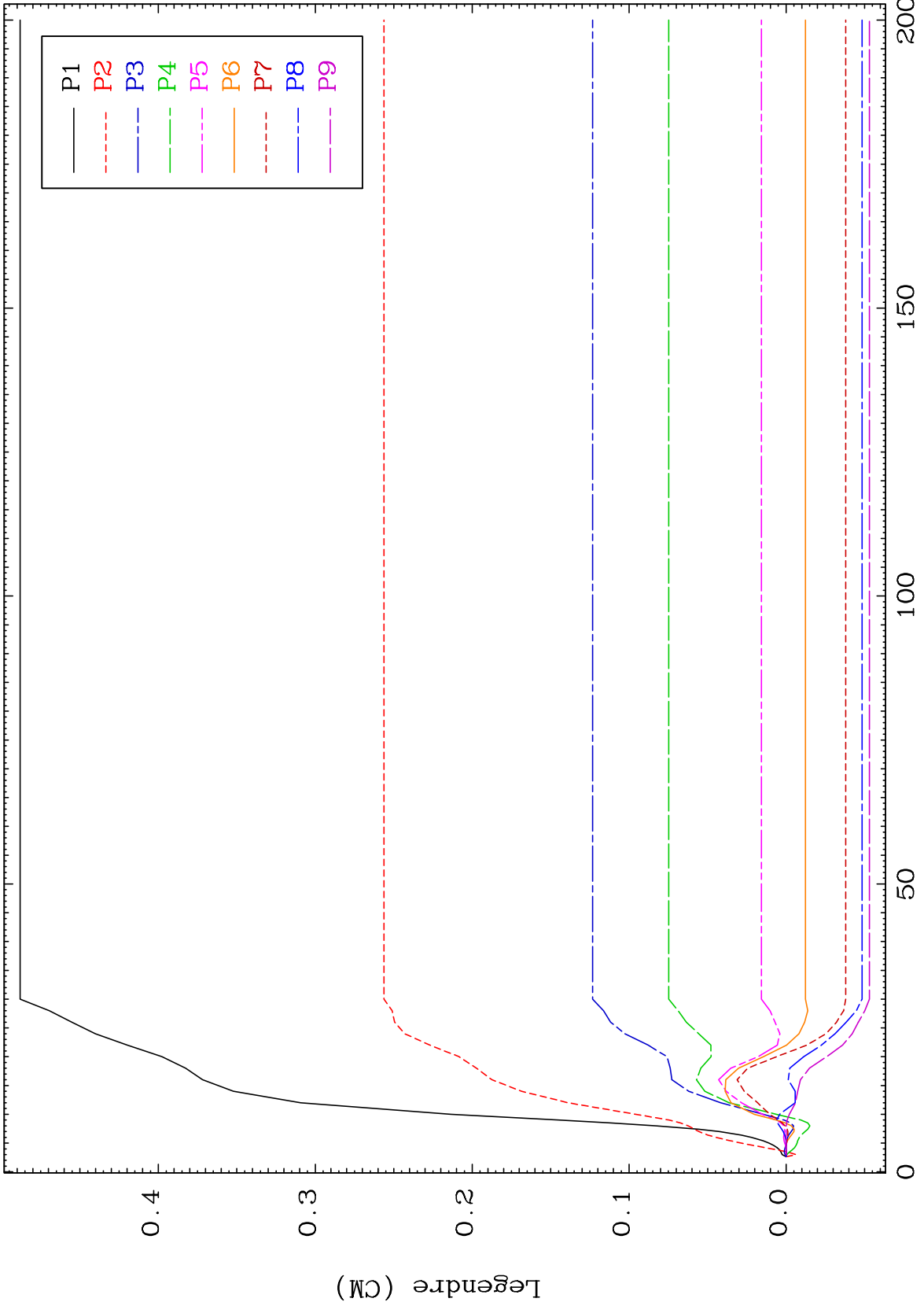


70

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-102

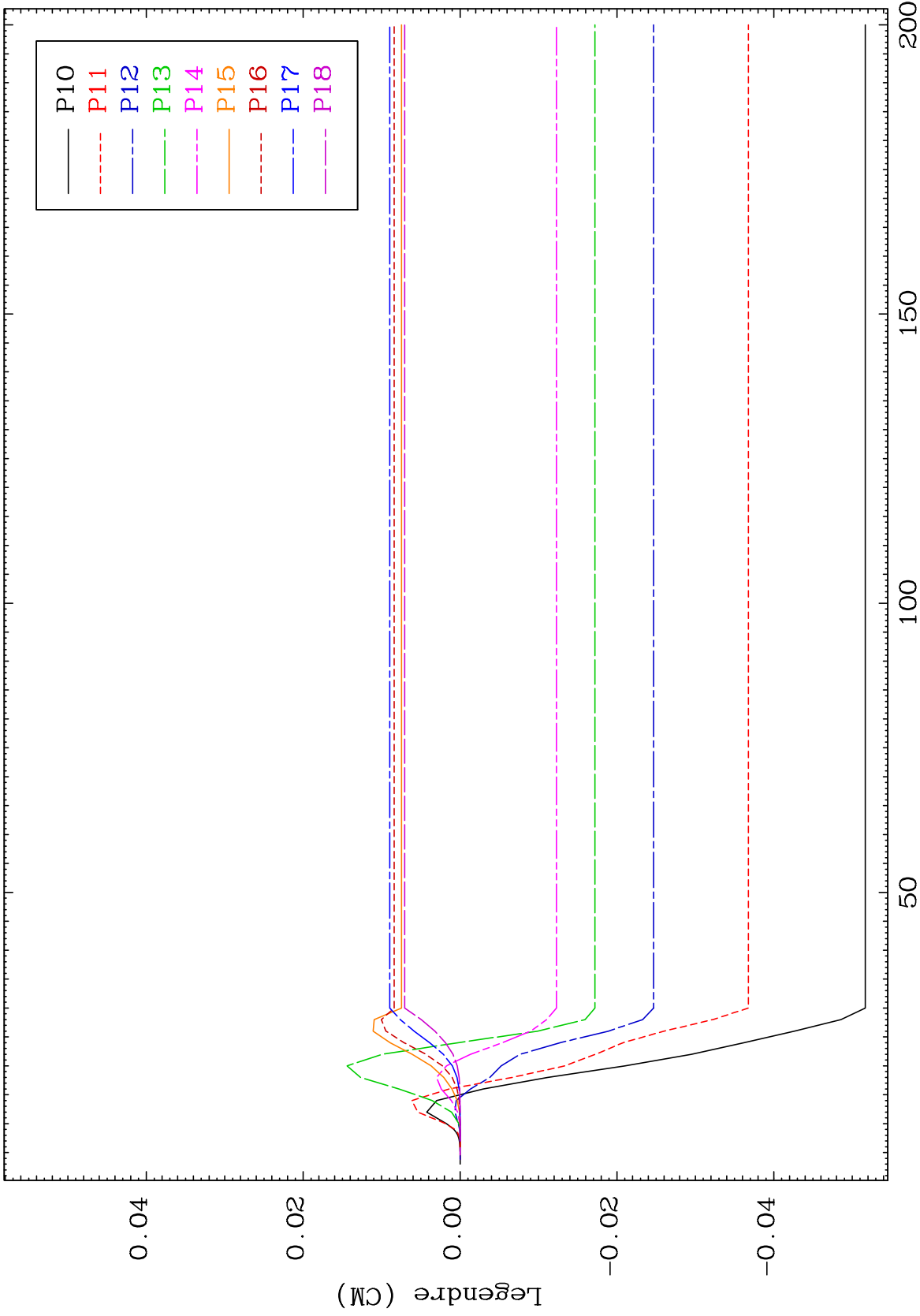




MAT 4995

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

50-Sn-102

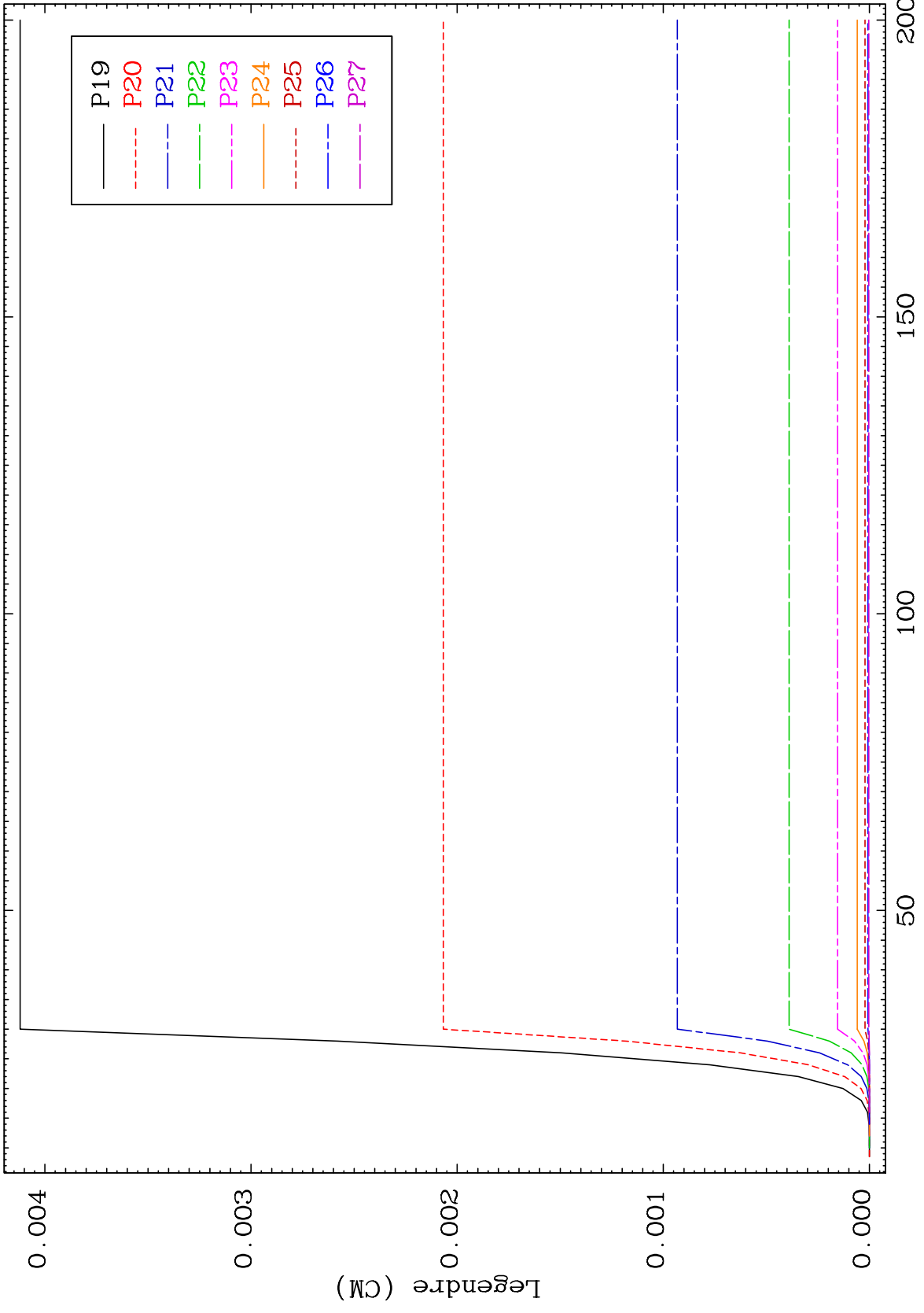


72

Incident Energy (MeV)

50-Sn-102

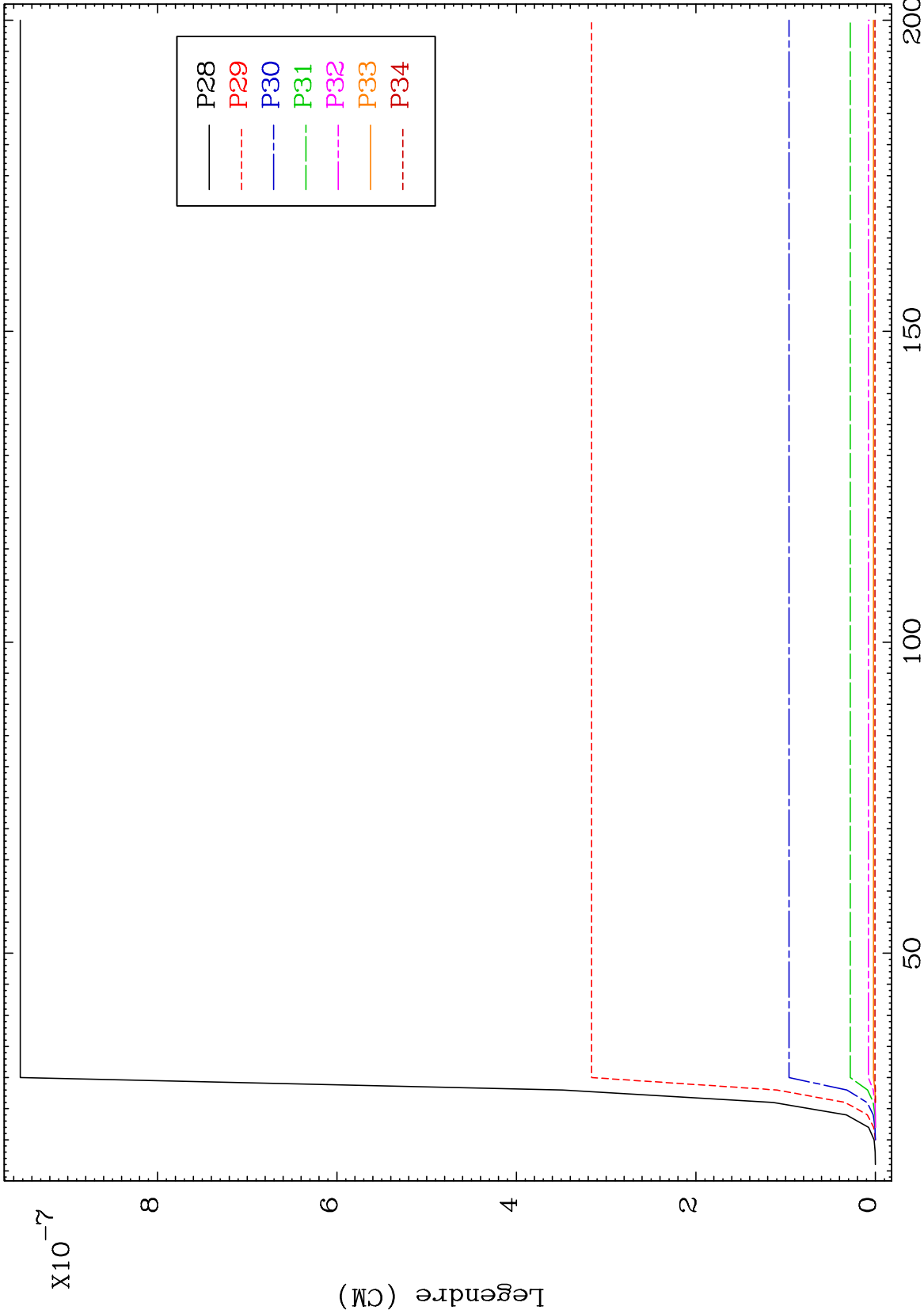
MAT 4995 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

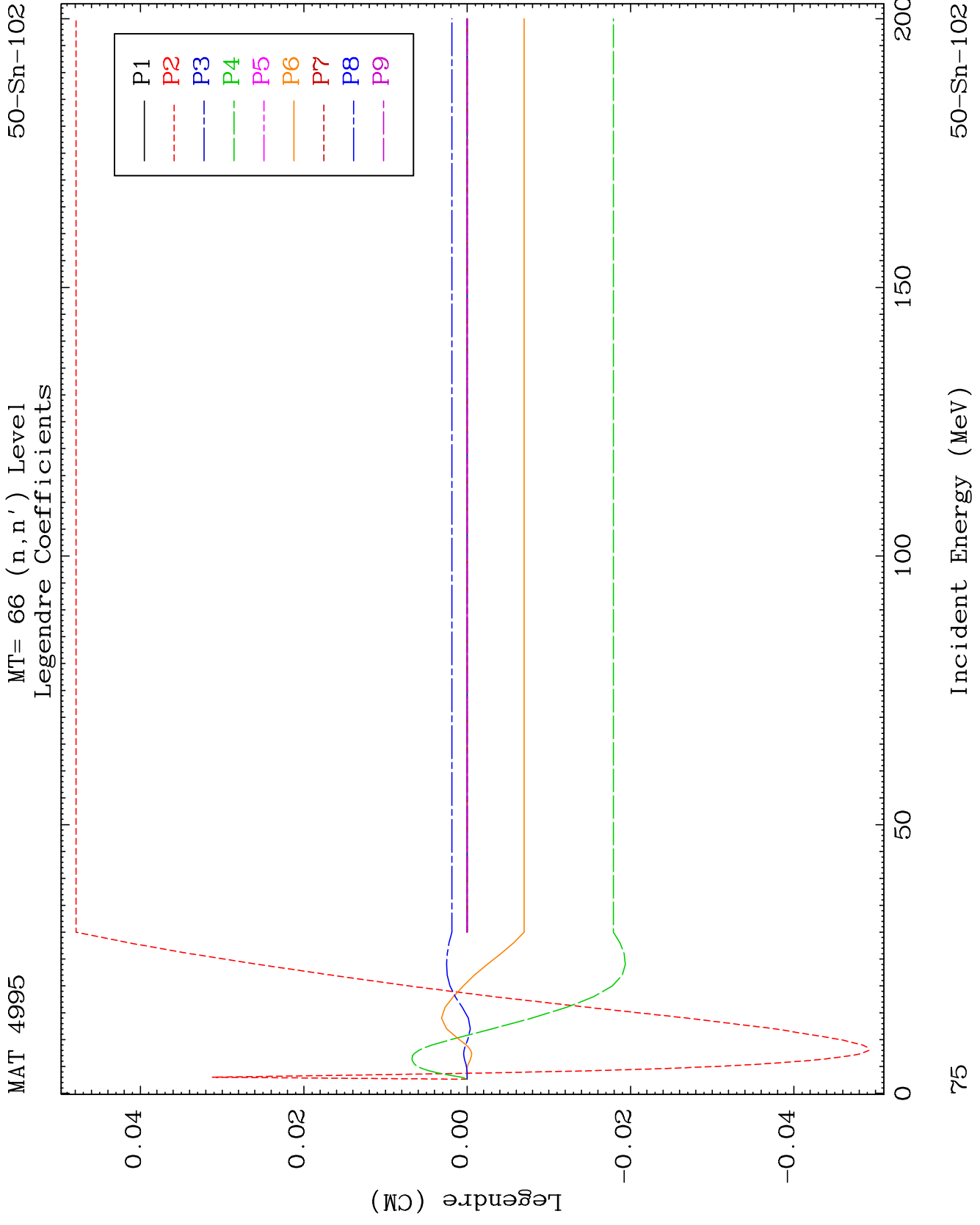
50-Sn-102



74

Incident Energy (MeV)

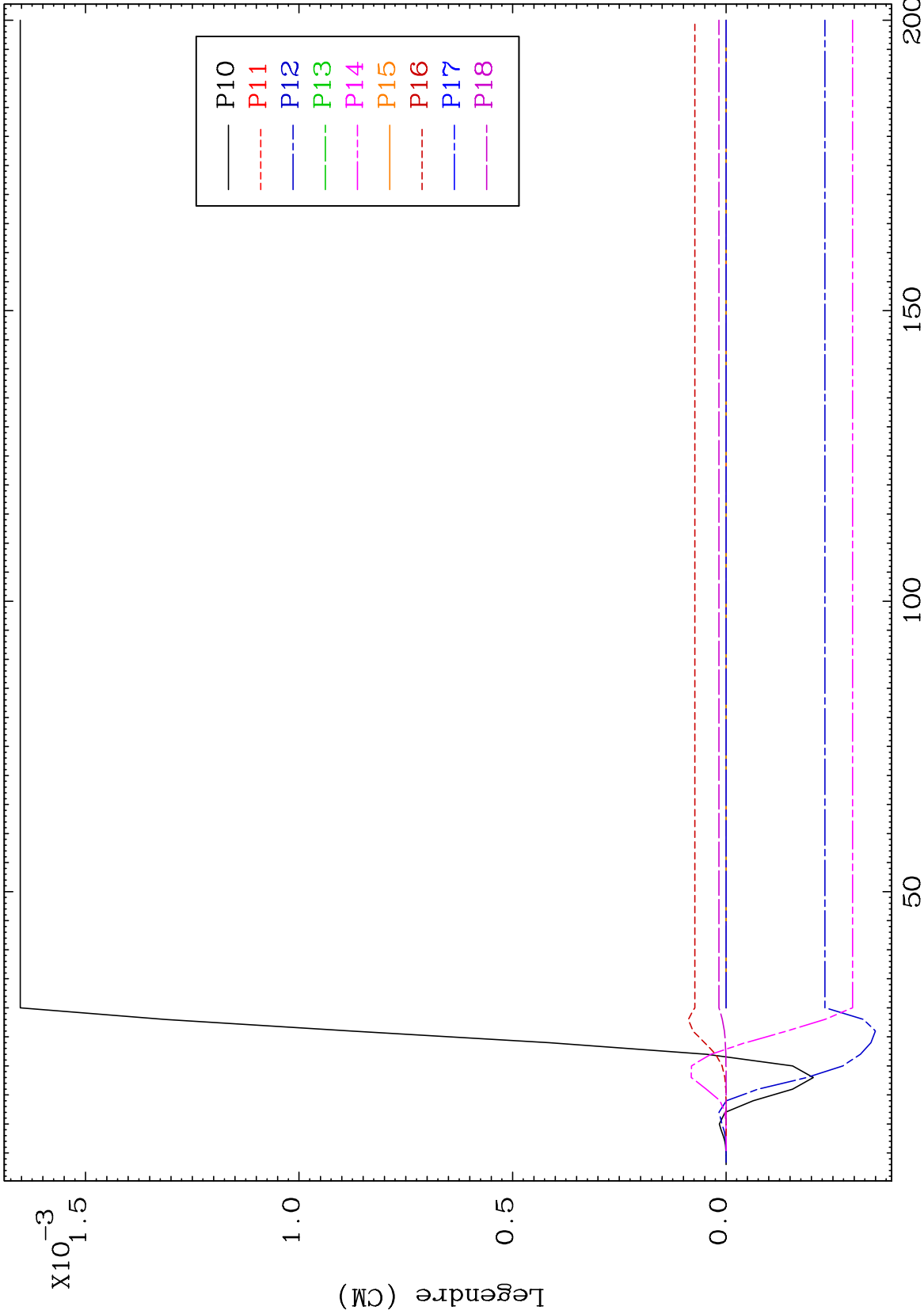
50-Sn-102



MAT 4995

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

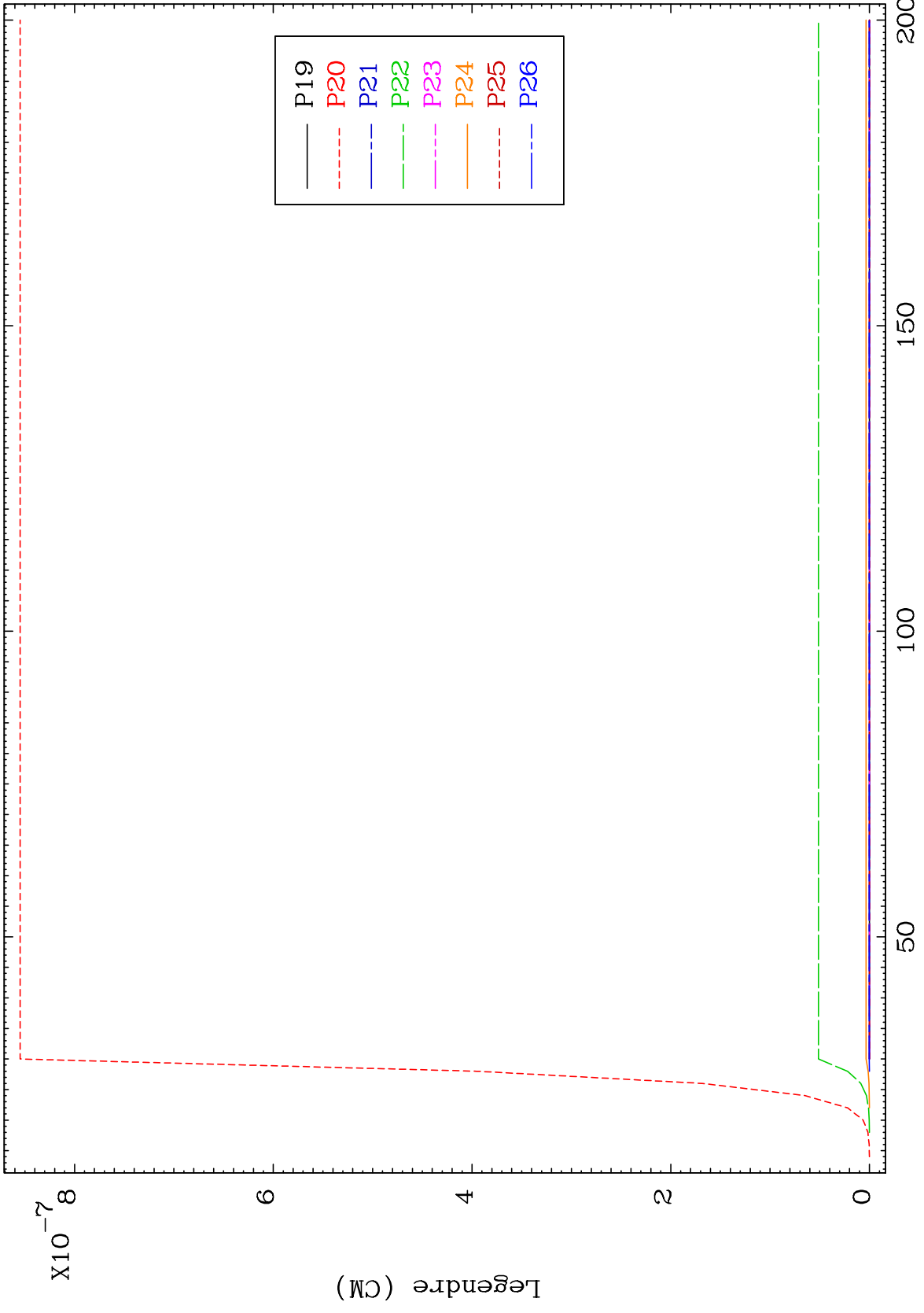
50-Sn-102



76

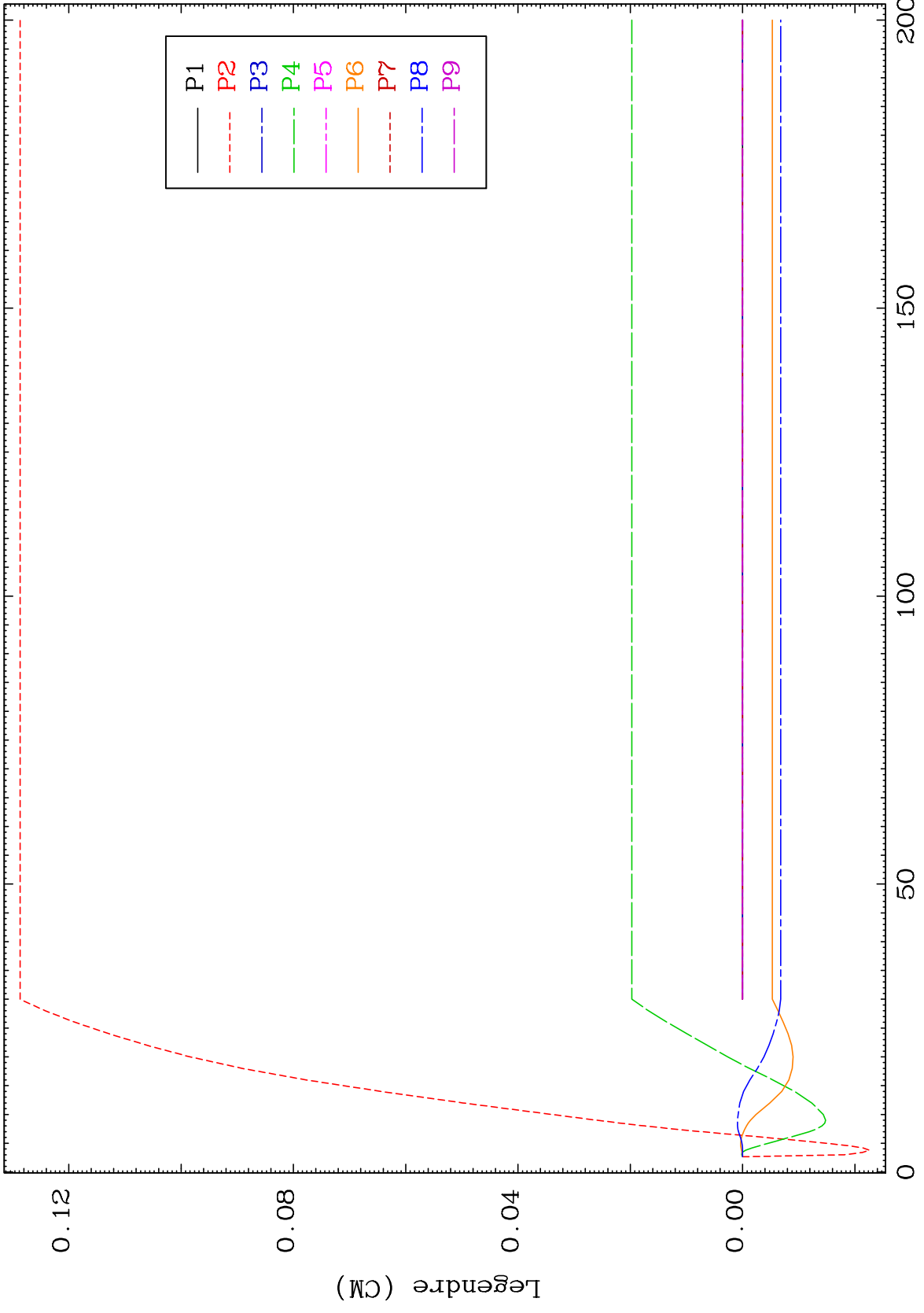
50-Sn-102

MAT 4995 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-102



77 50-Sn-102

MAT 4995 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-102

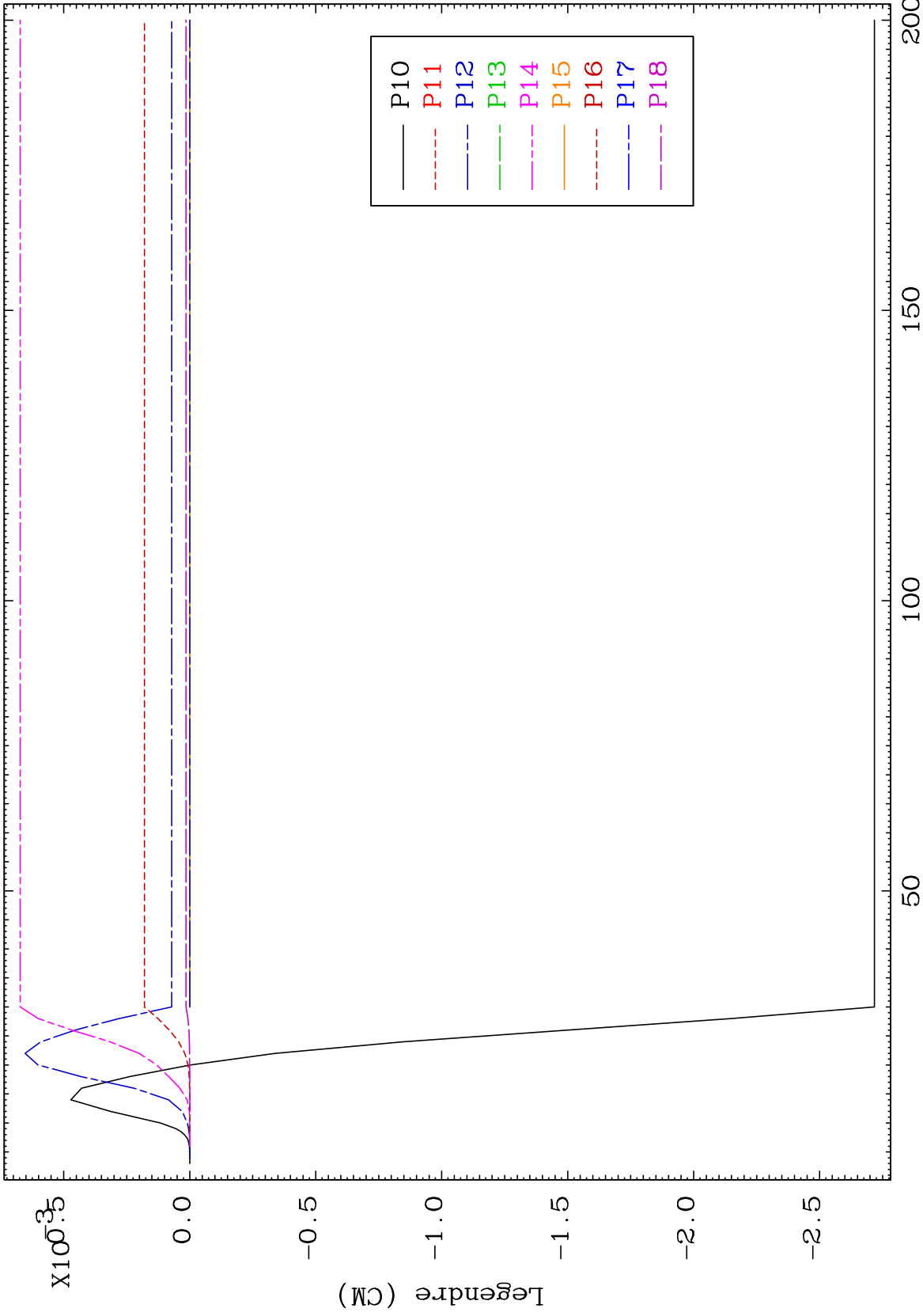


78 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



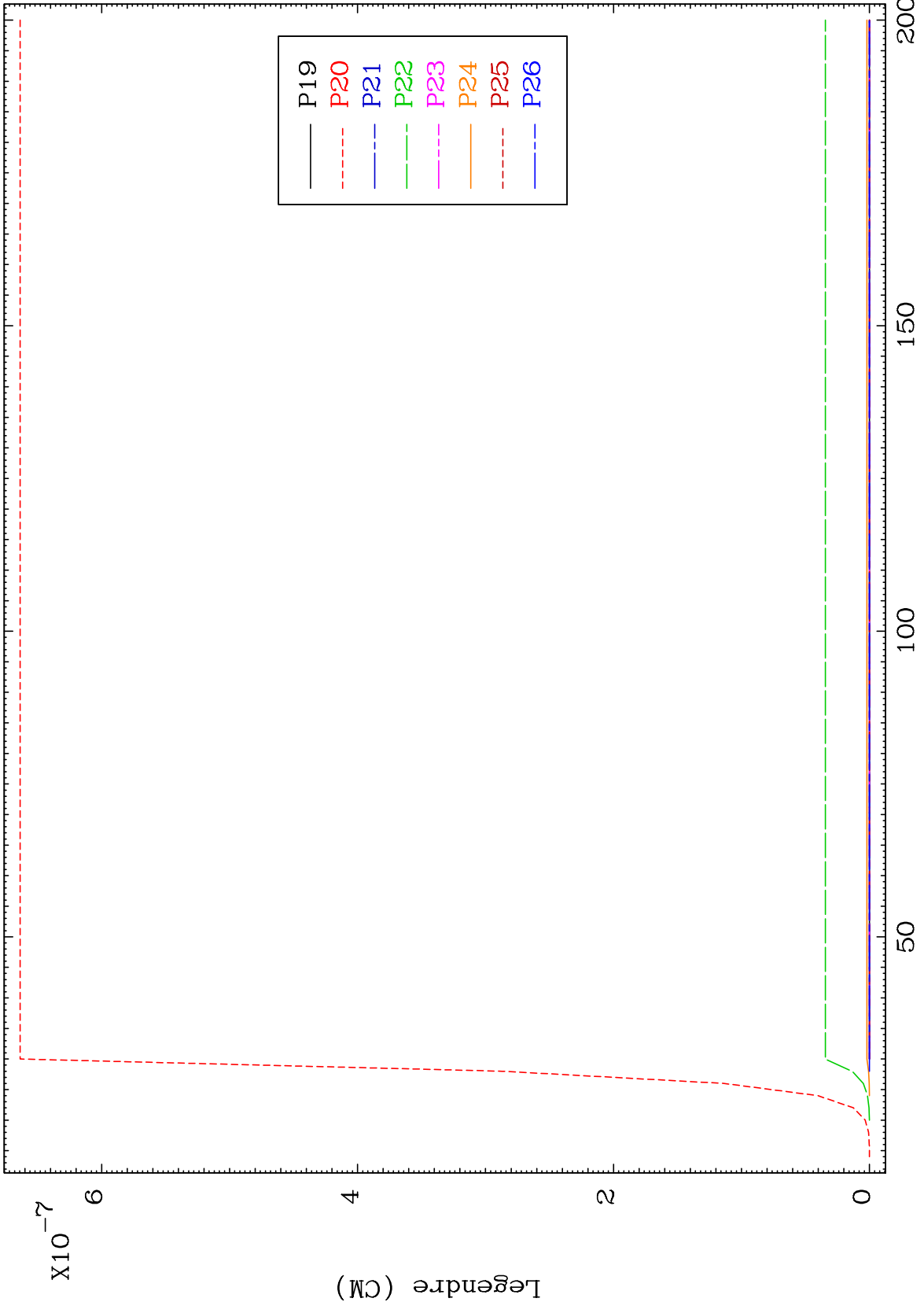
79

Incident Energy (MeV)

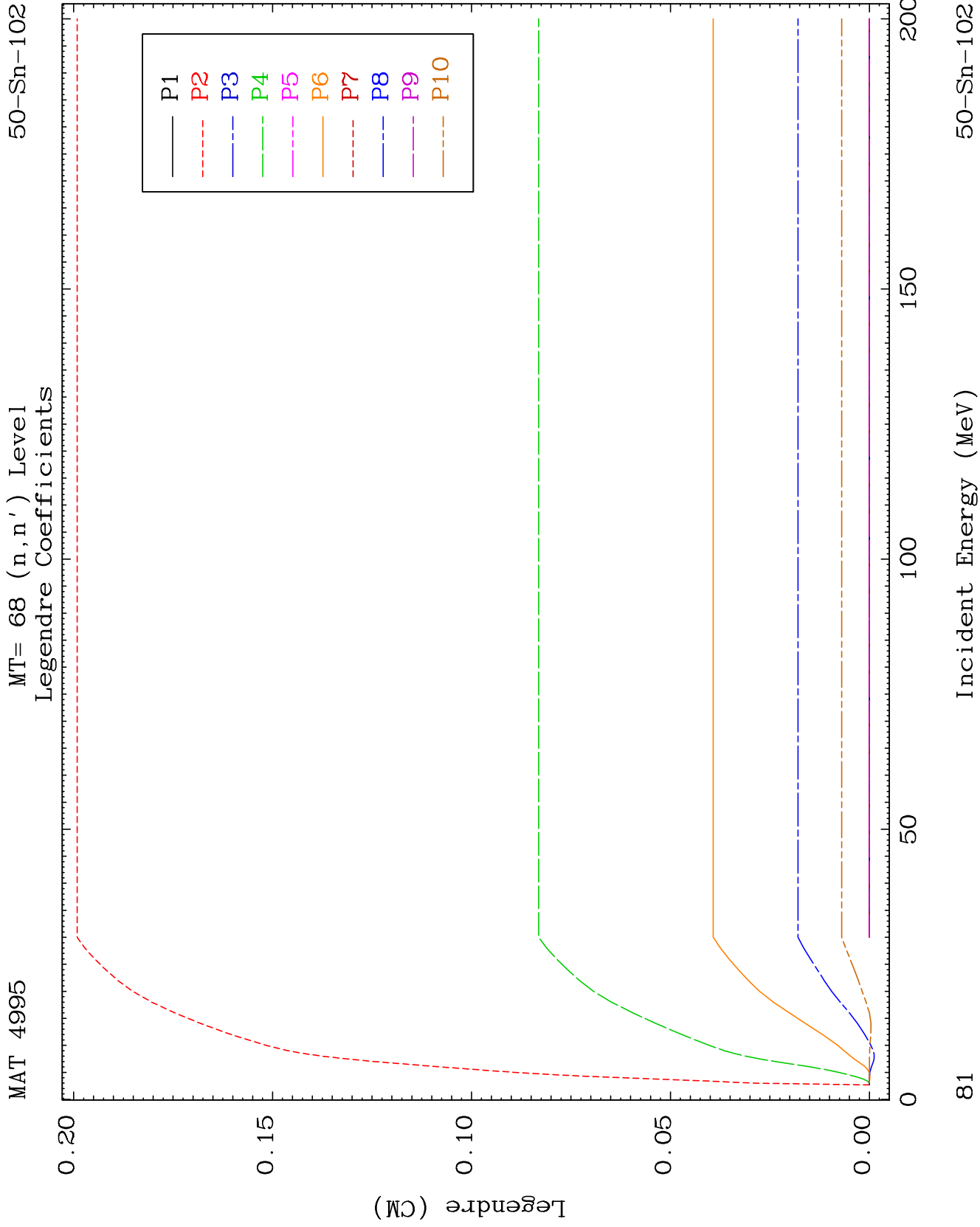
50-Sn-102



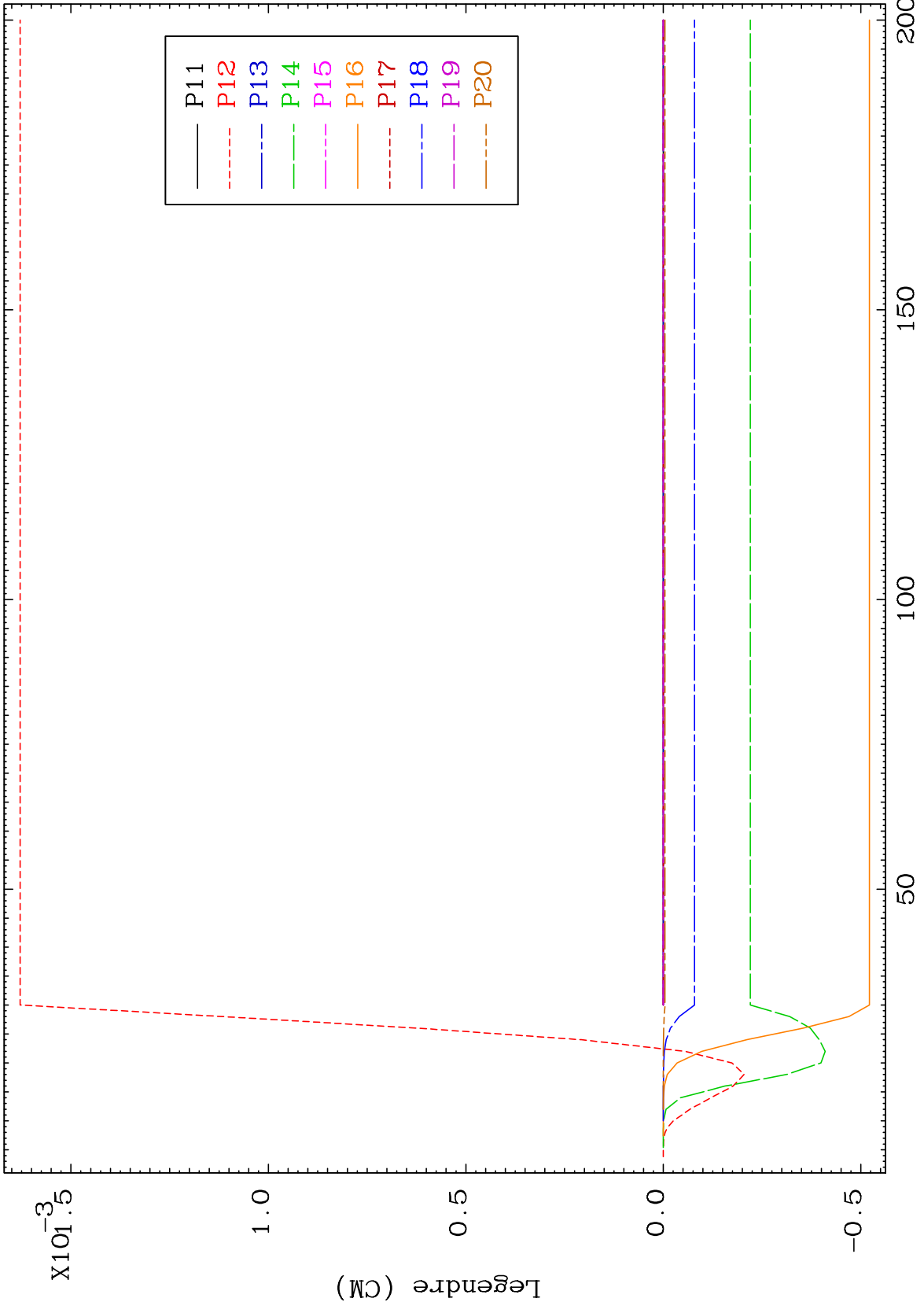
MAT 4995 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-102



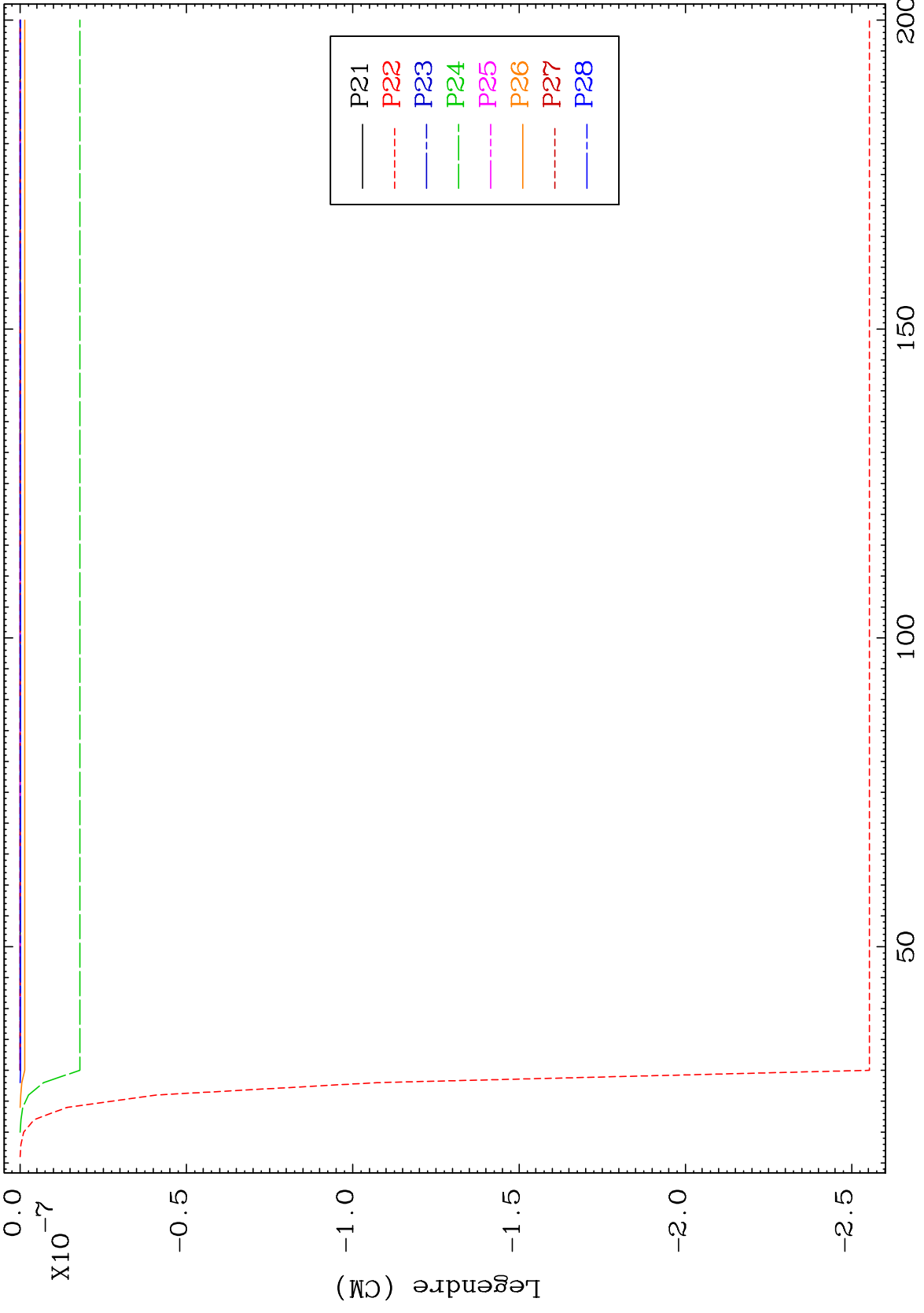
80 50 100 150 200 Incident Energy (MeV) 50-Sn-102



MAT 4995 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-102



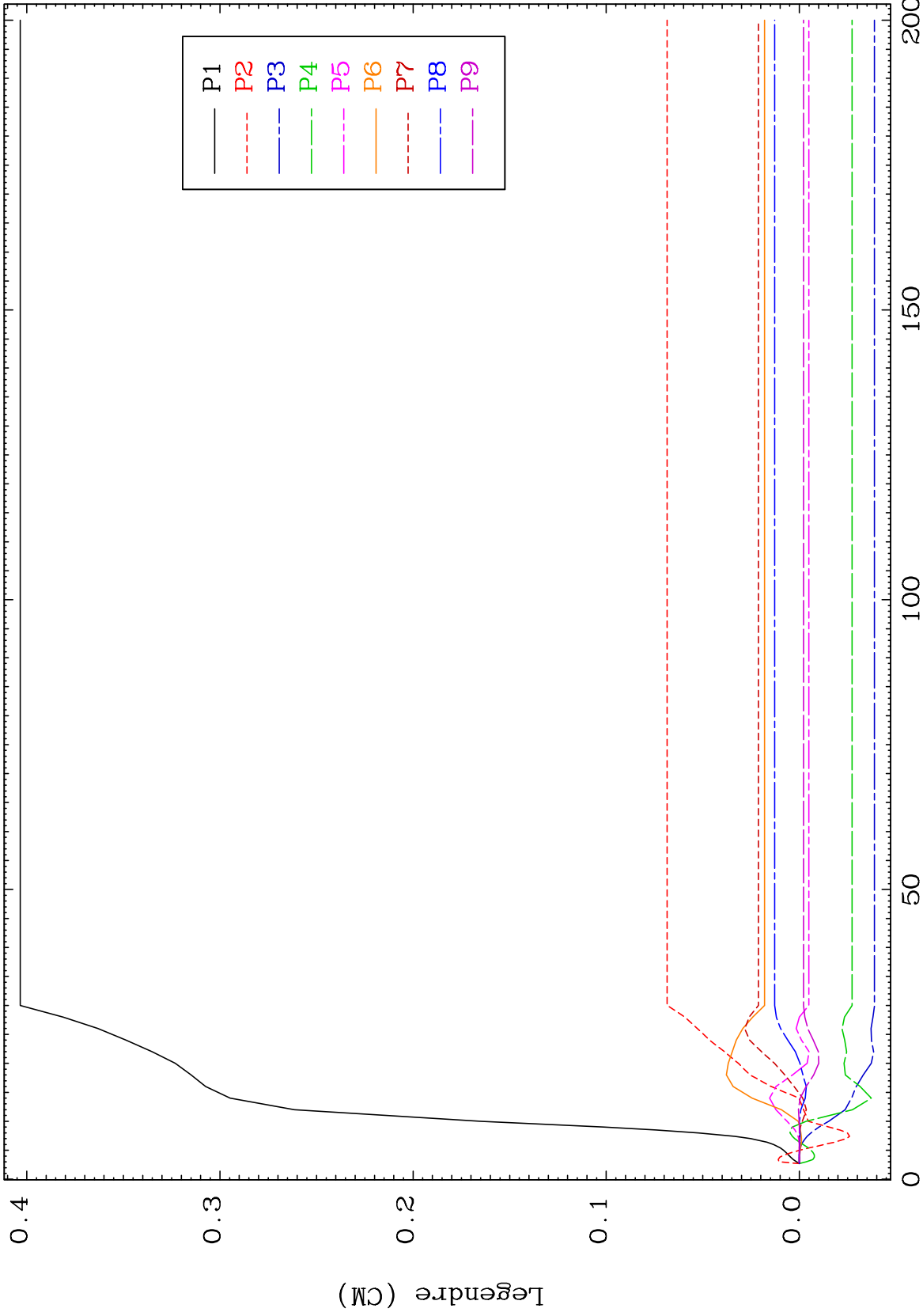
MAT 4995 MT= 69 (n,n') Level Legendre Coefficients

50-Sn-102

84

Incident Energy (MeV)

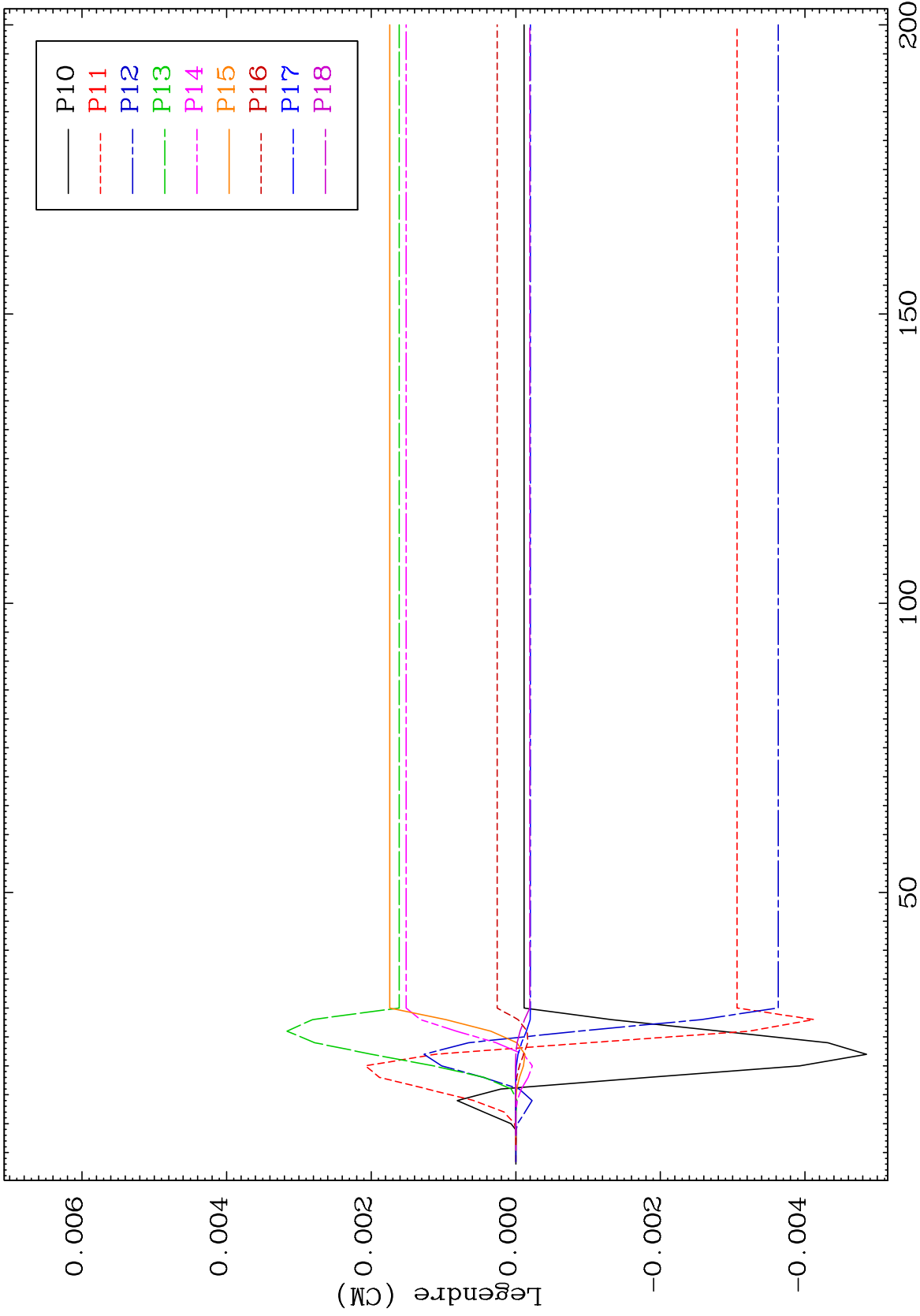
50-Sn-102



MAT 4995

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

50-Sn-102

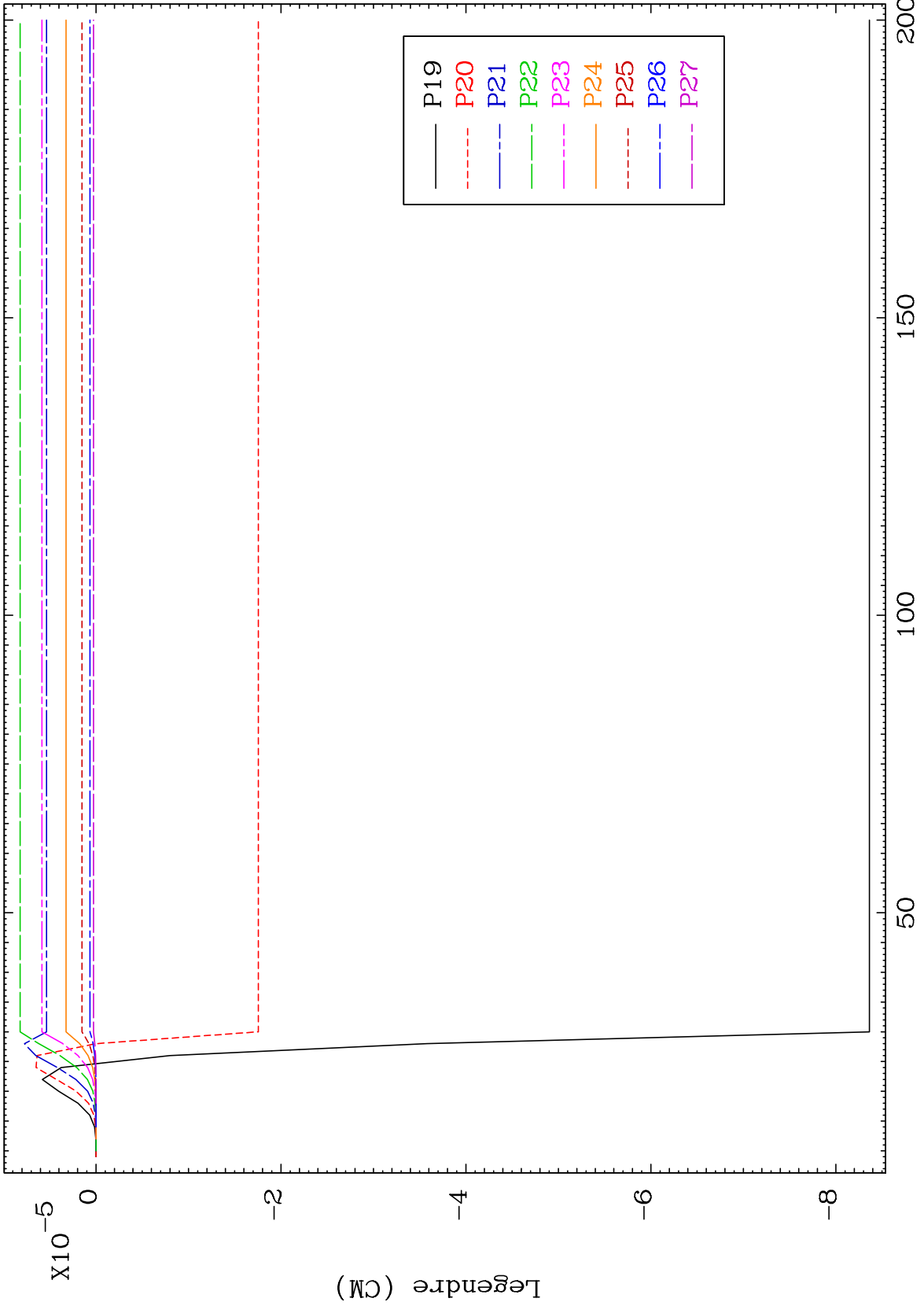


85

Incident Energy (MeV)

50-Sn-102

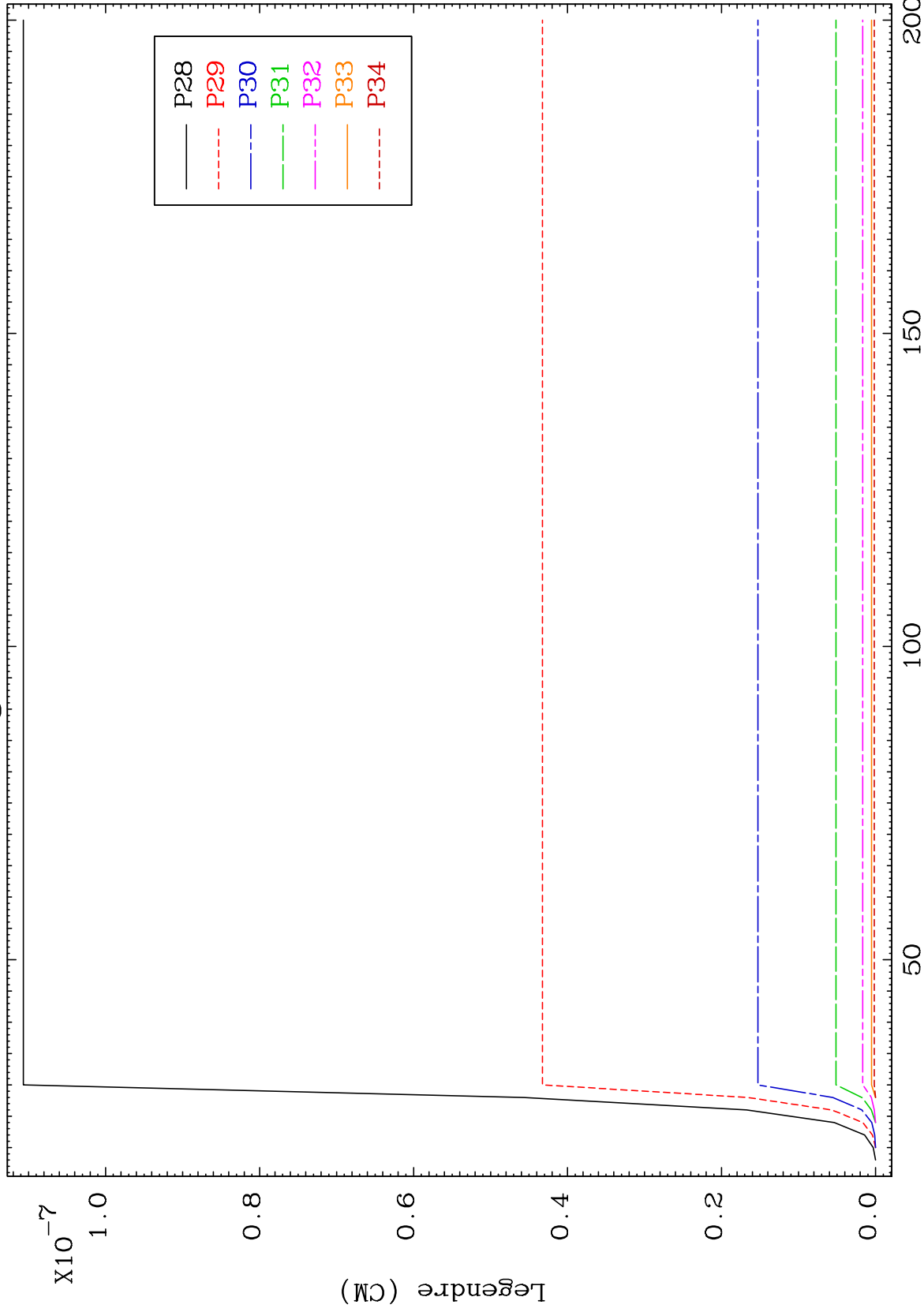
MAT 4995 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

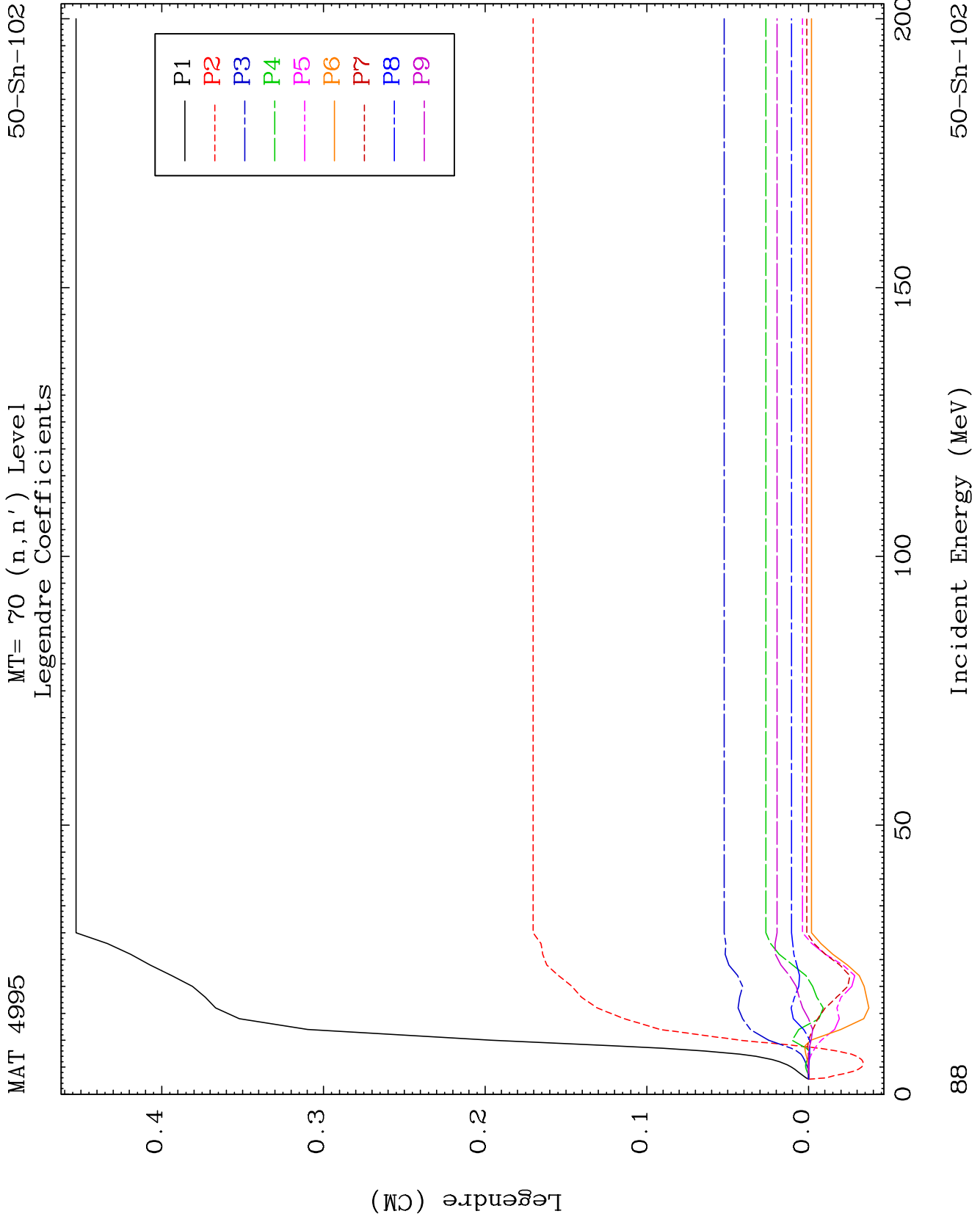


87

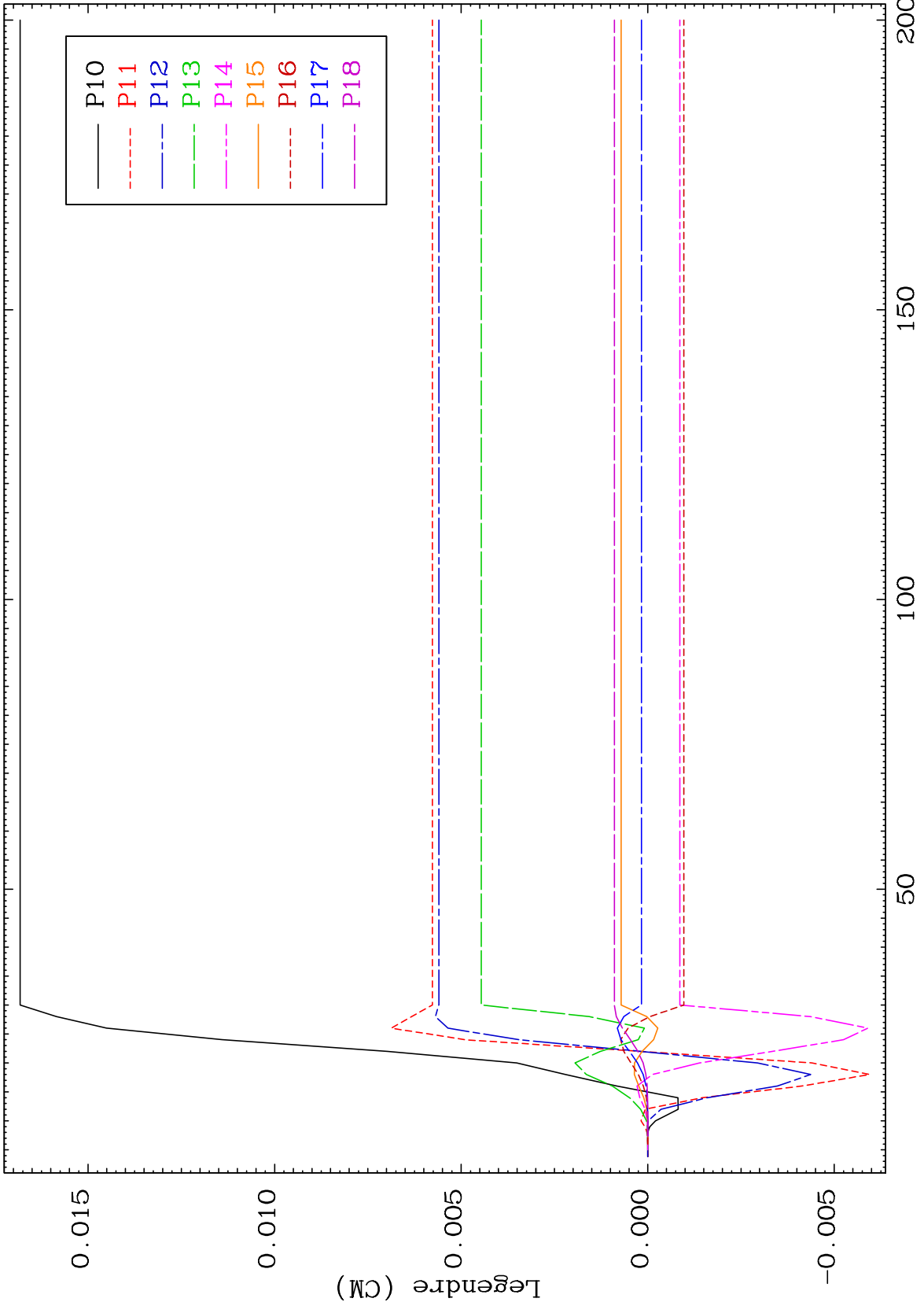
Incident Energy (MeV)

50-Sn-102





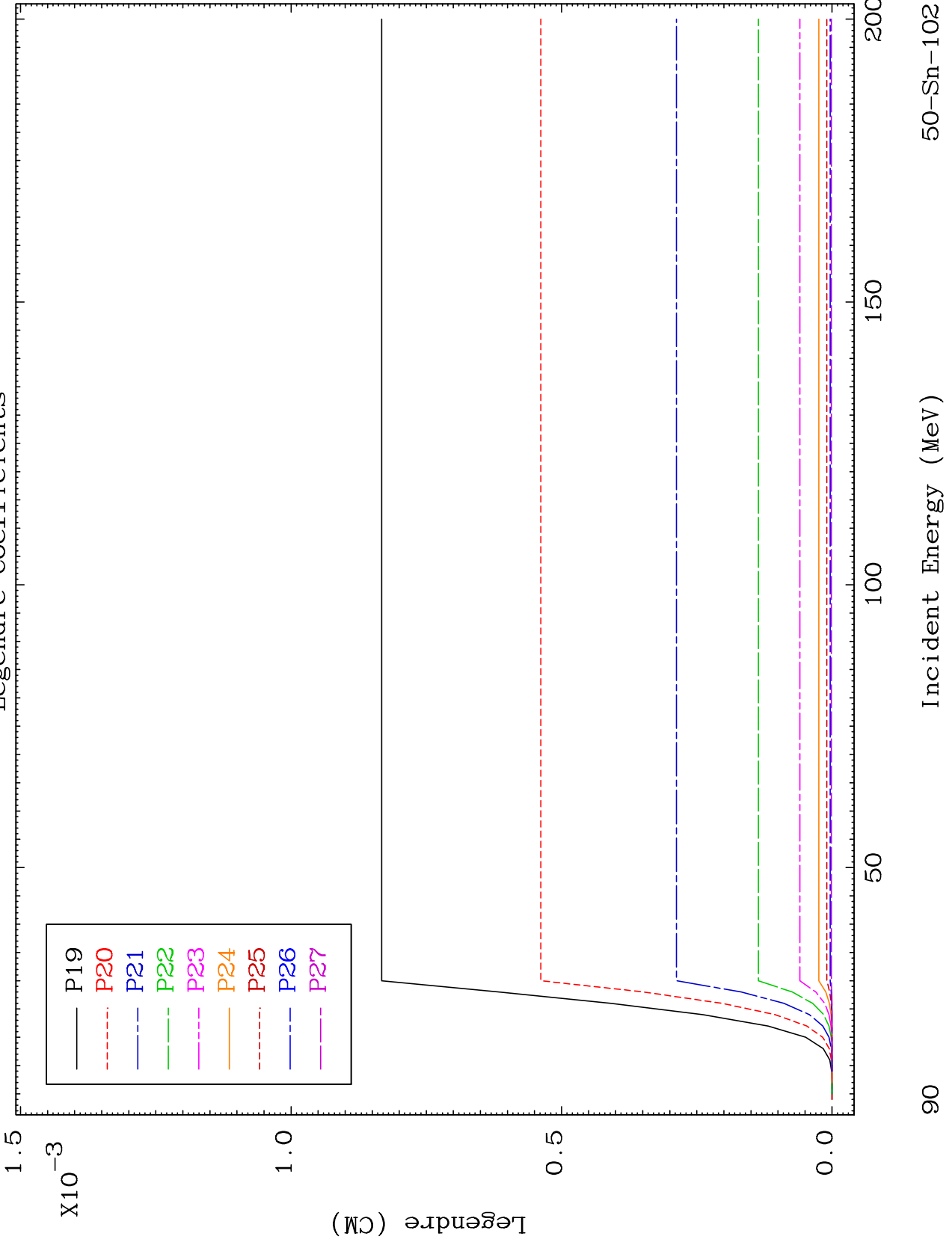
MAT 4995 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

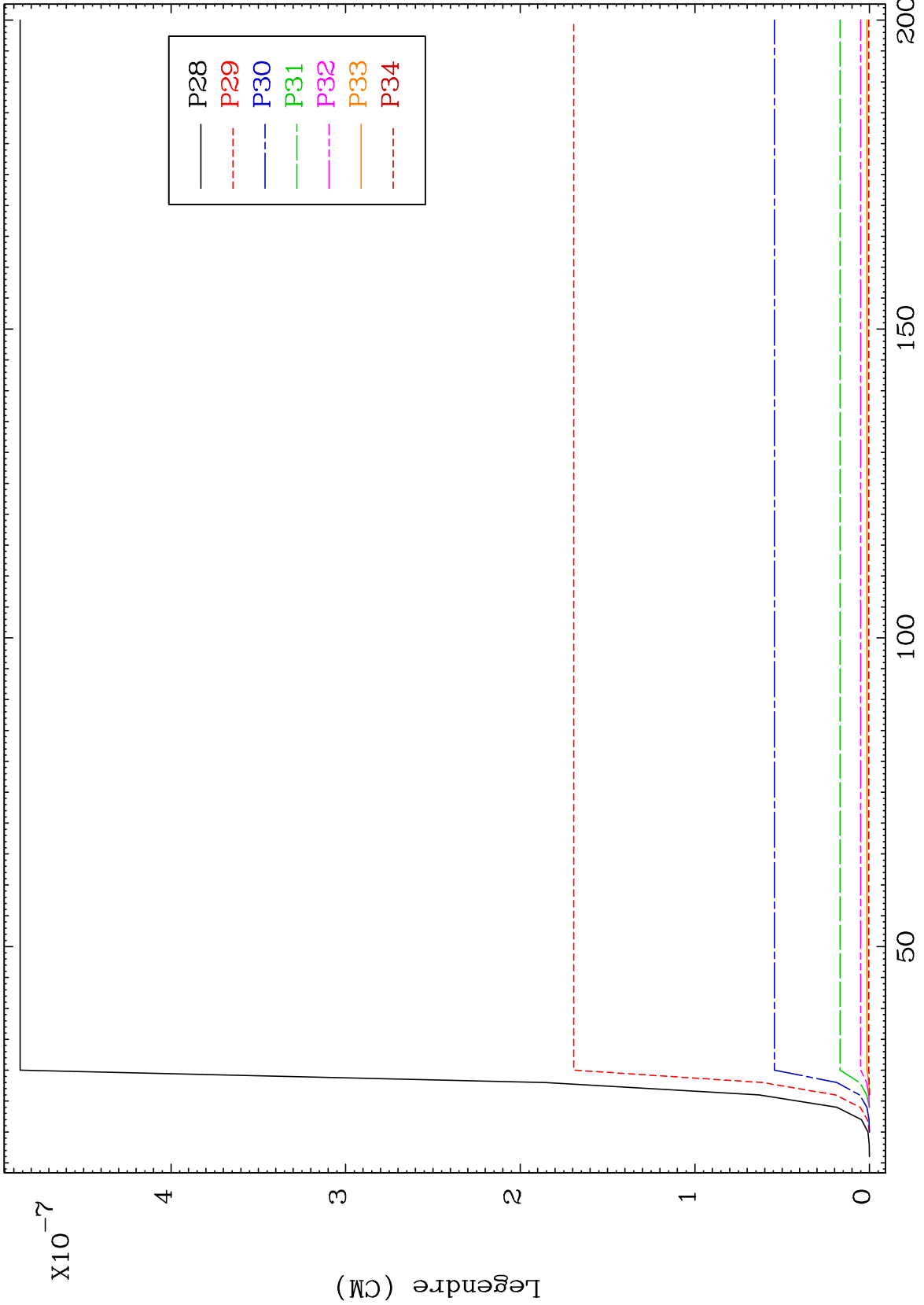
50-Sn-102



MAT 4995

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

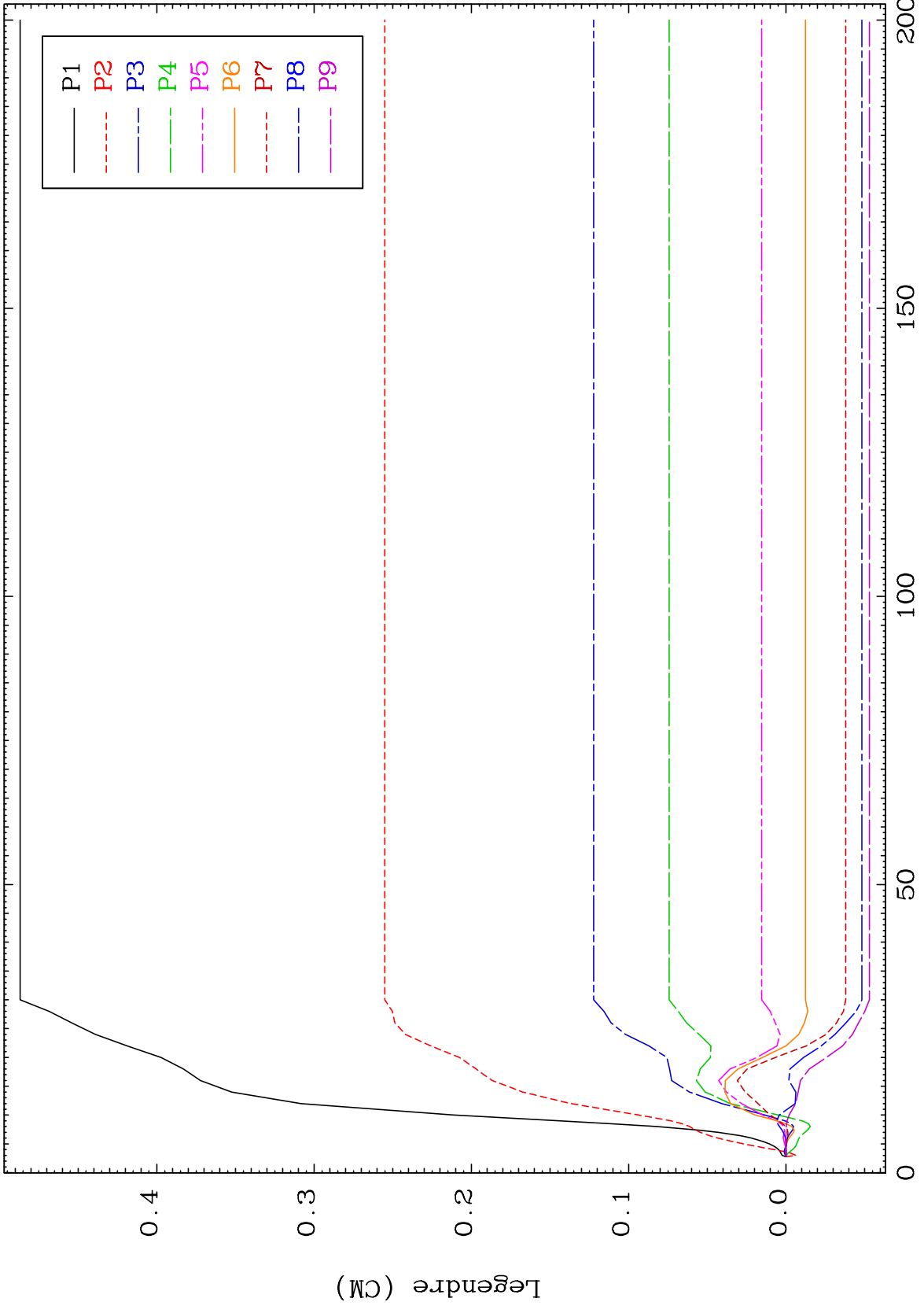
50-Sn-102



91

50-Sn-102

MAT 4995 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-102

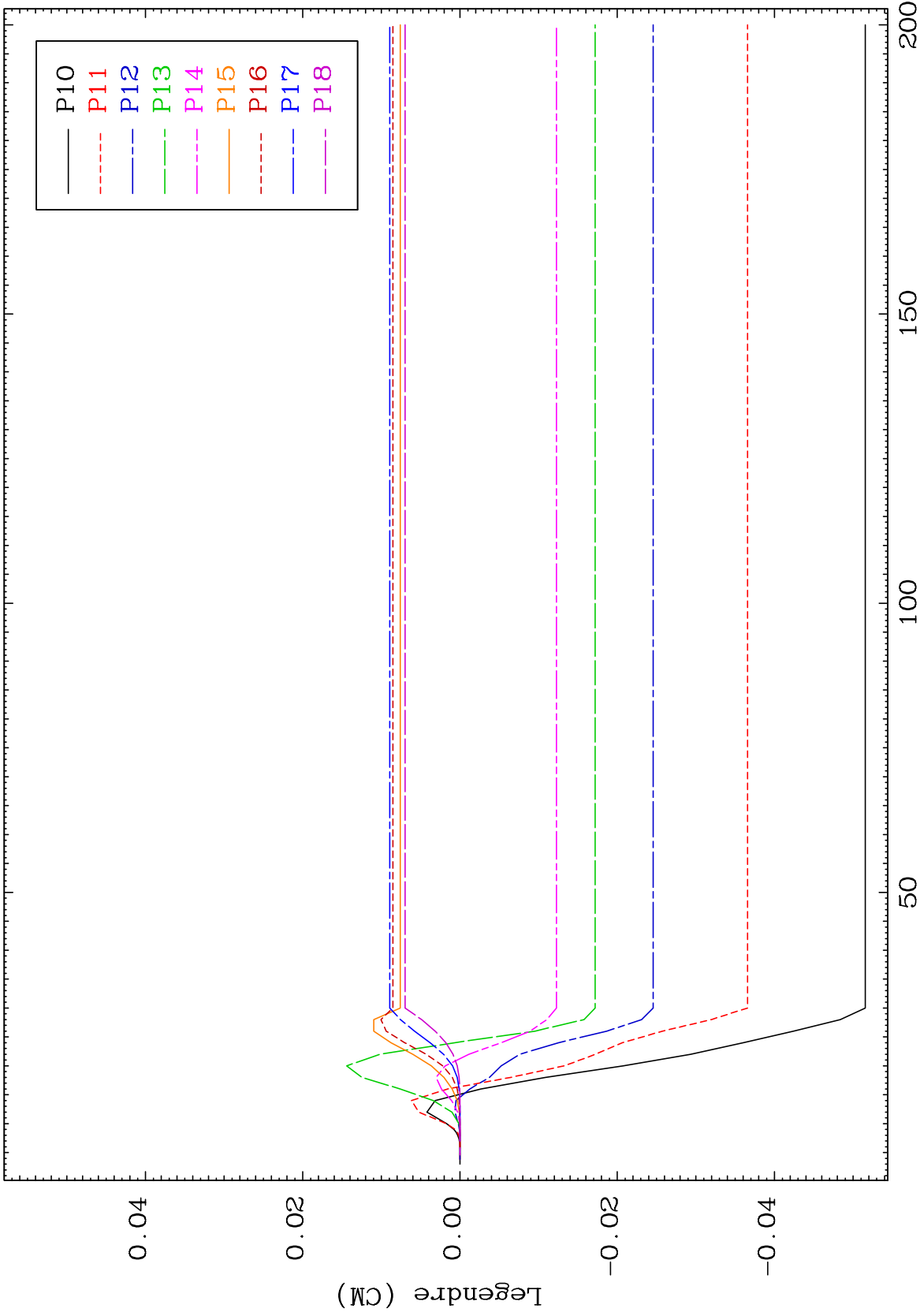


92 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102

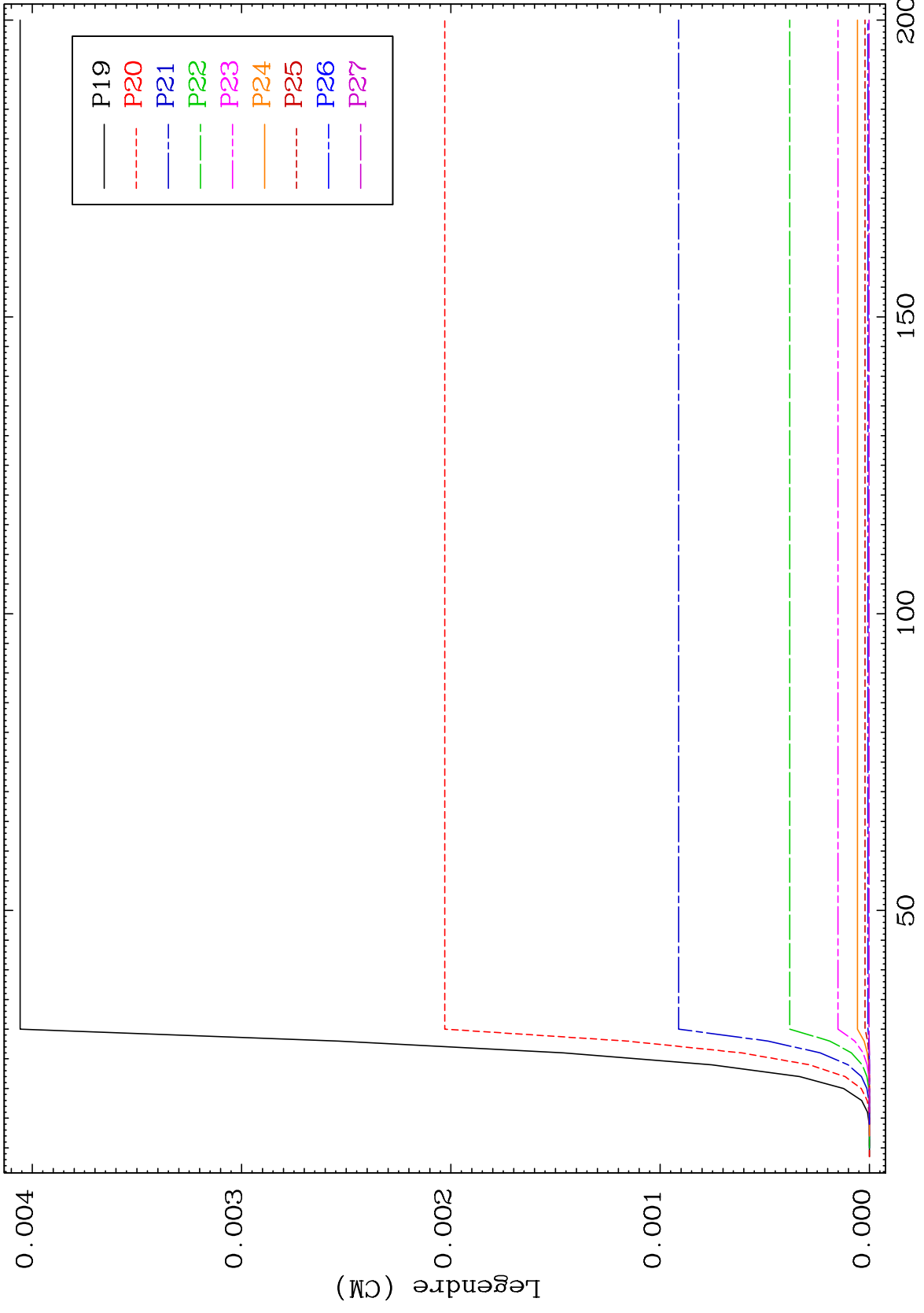


93

Incident Energy (MeV)

50-Sn-102

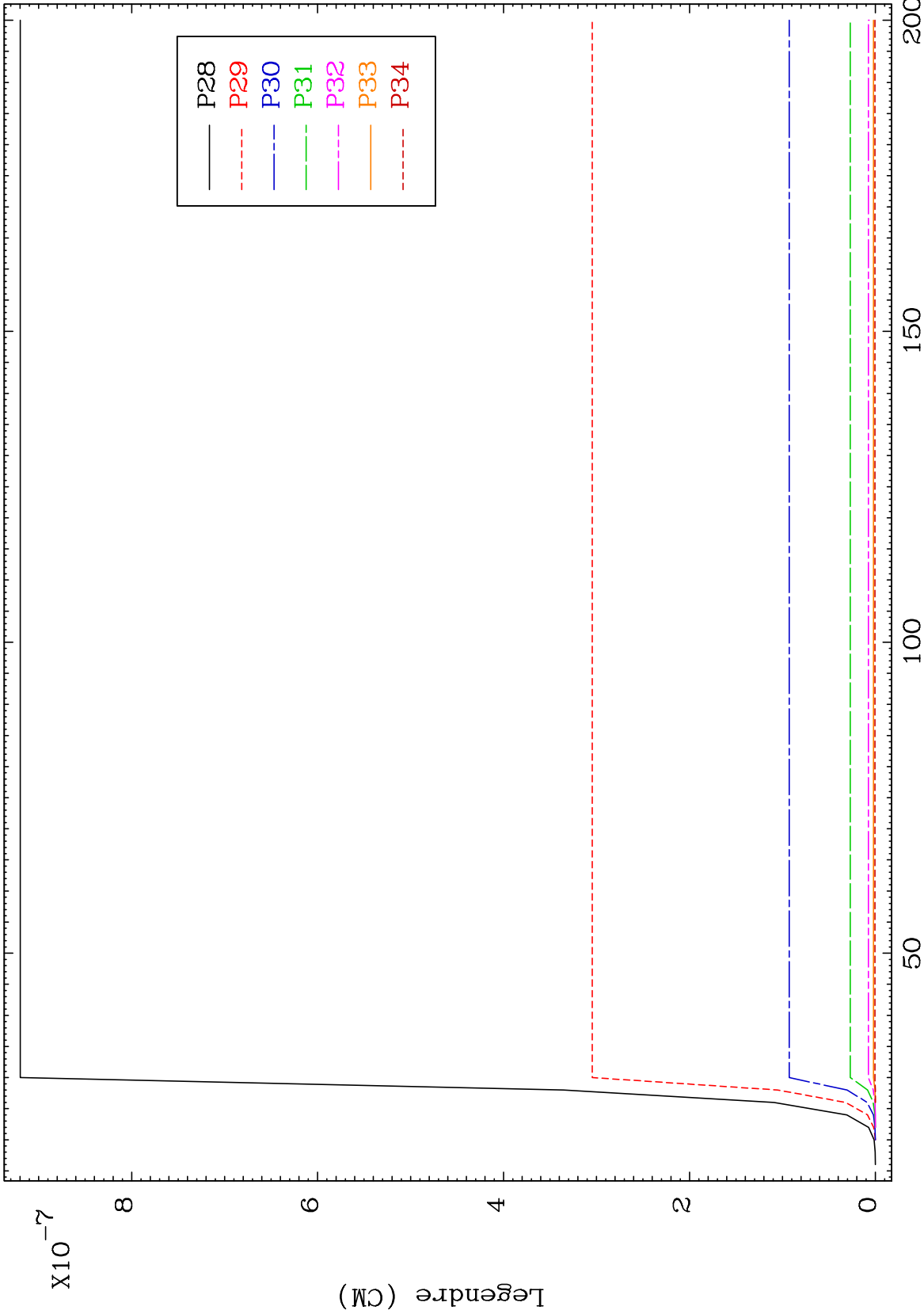
MAT 4995 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102



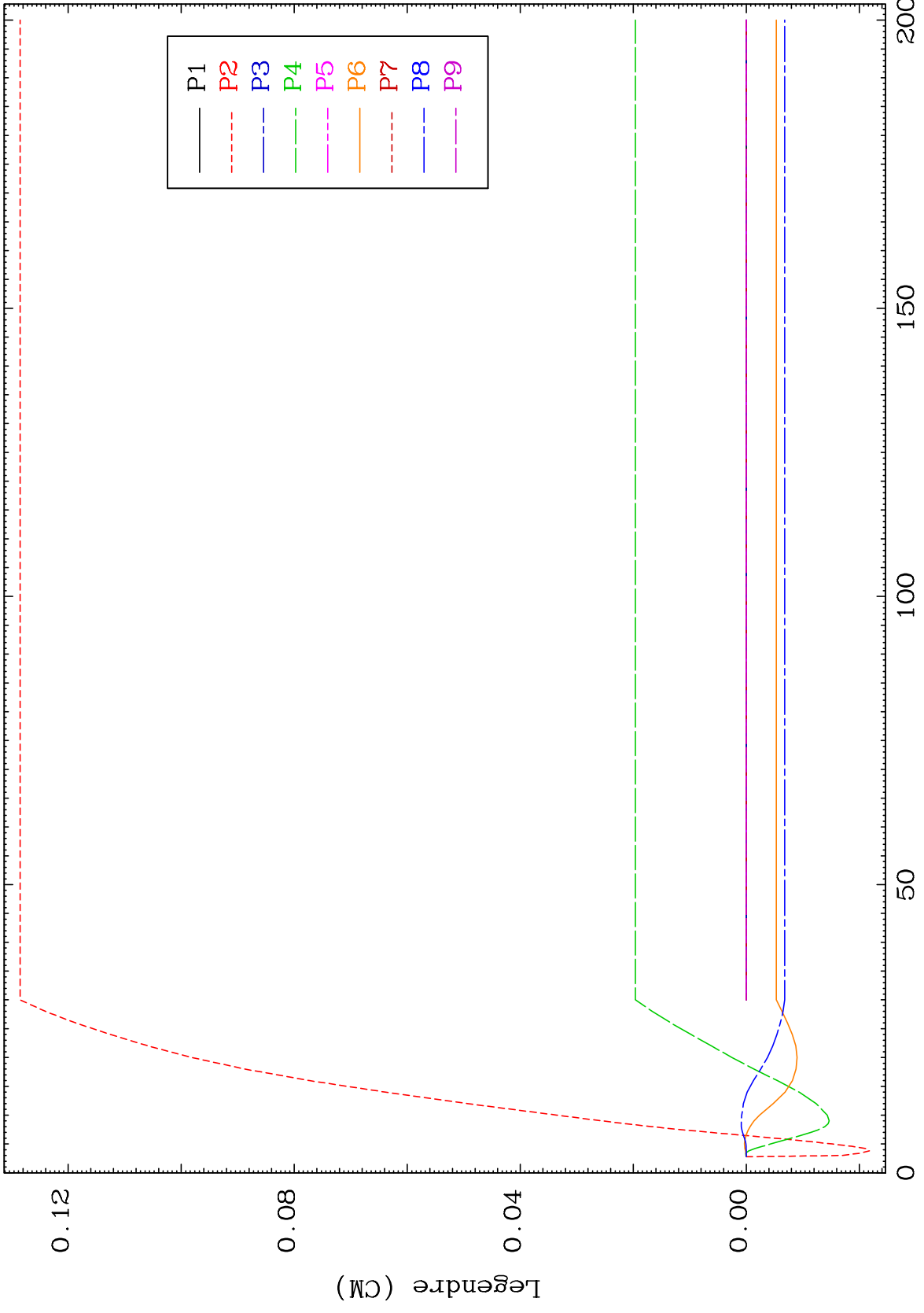
95

Incident Energy (MeV)

50-Sn-102



MAT 4995 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-102

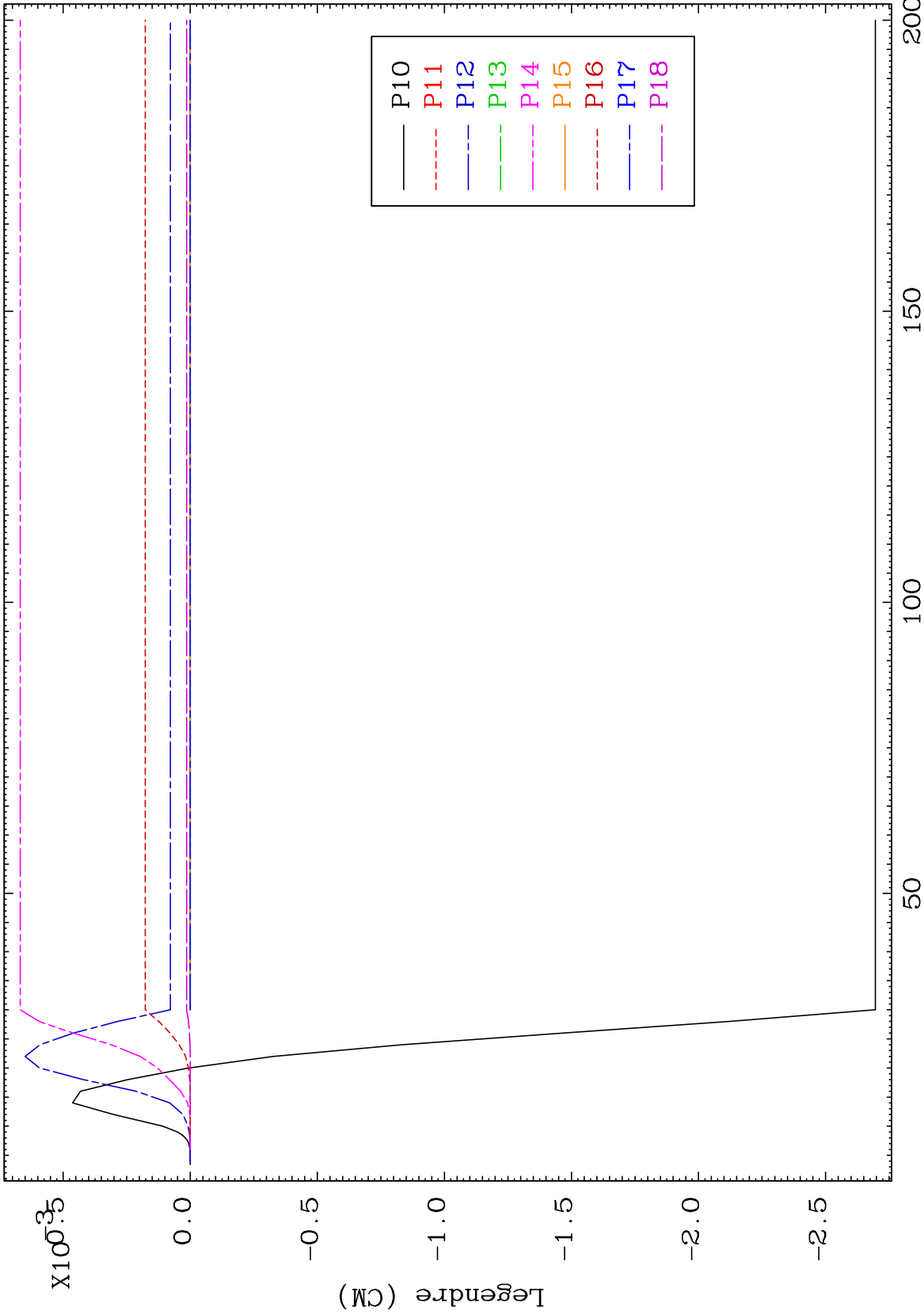


96 50-Sn-102

MAT 4995

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

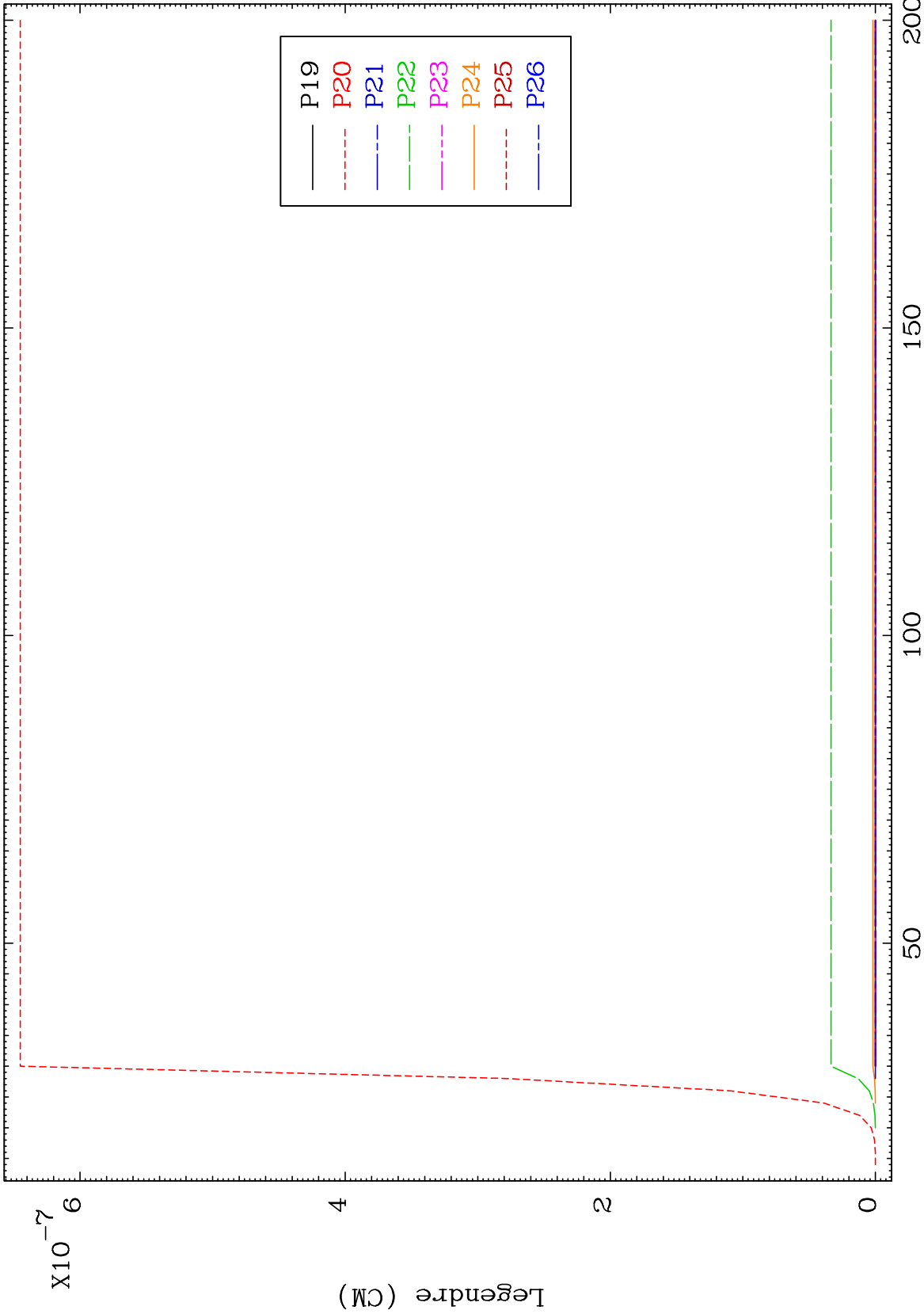
50-Sn-102



MAT 4995

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

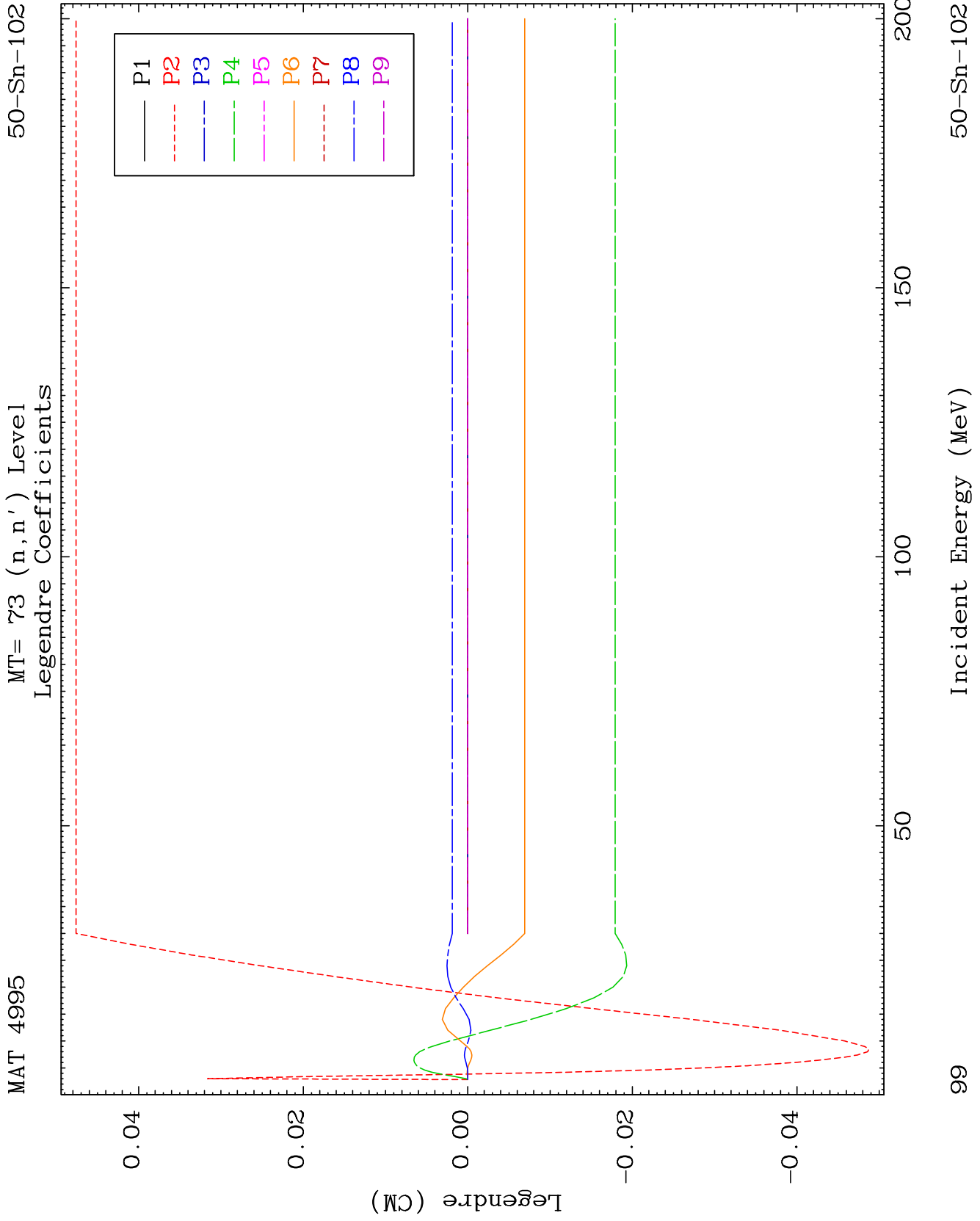
50-Sn-102



98

Incident Energy (MeV)

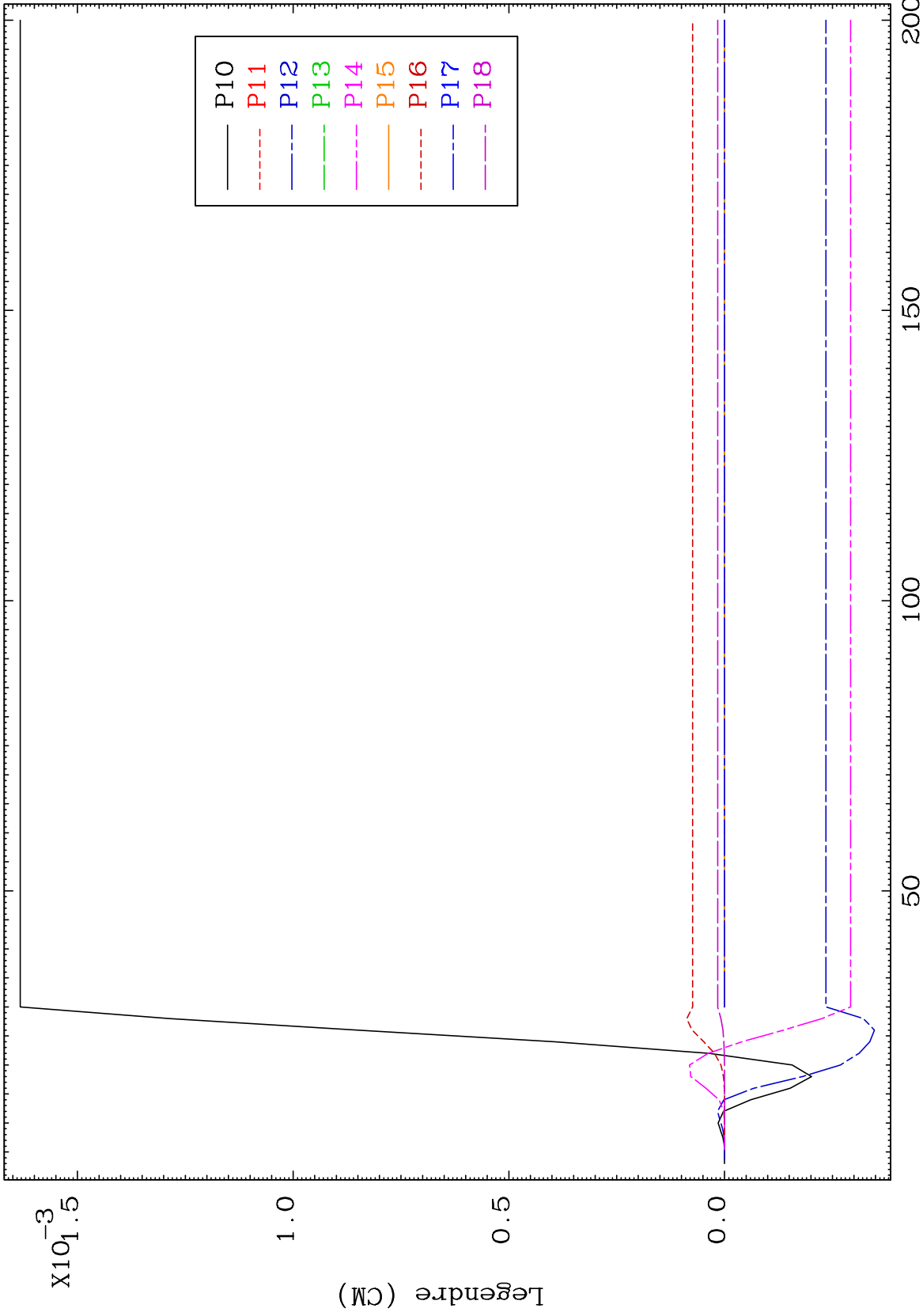
50-Sn-102



MAT 4995

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

50-Sn-102

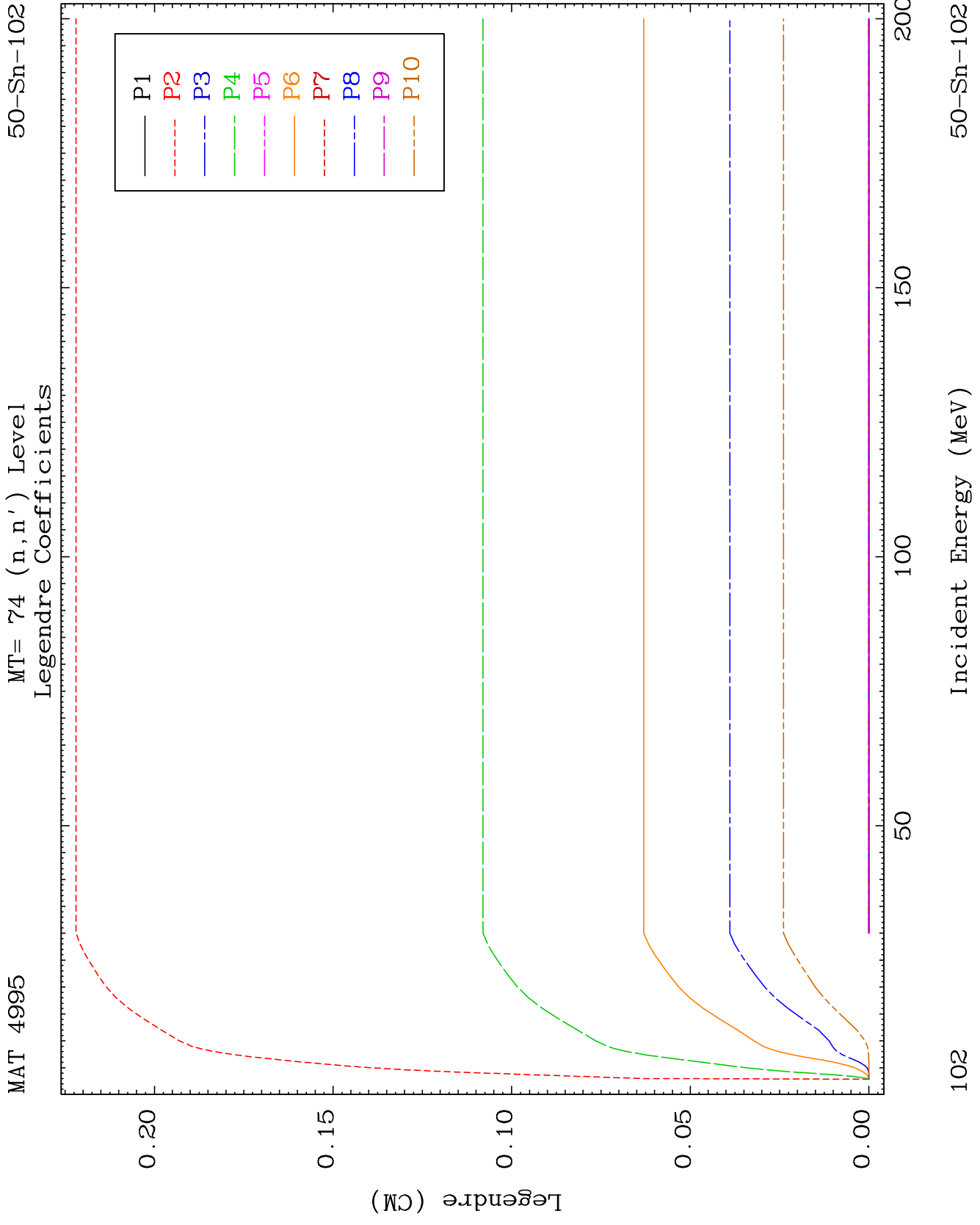


100

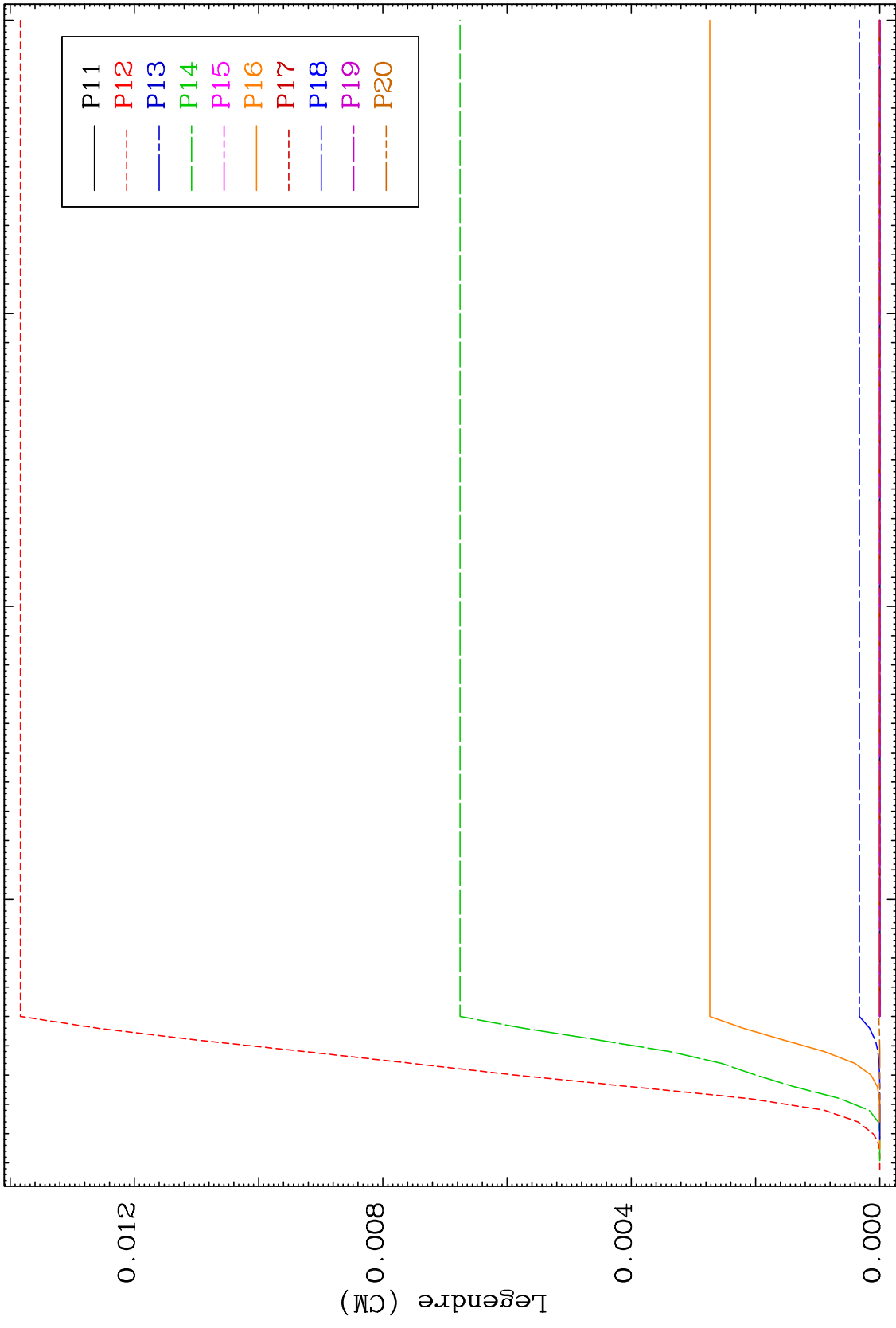
Incident Energy (MeV)

50-Sn-102





MAT 4995 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-102



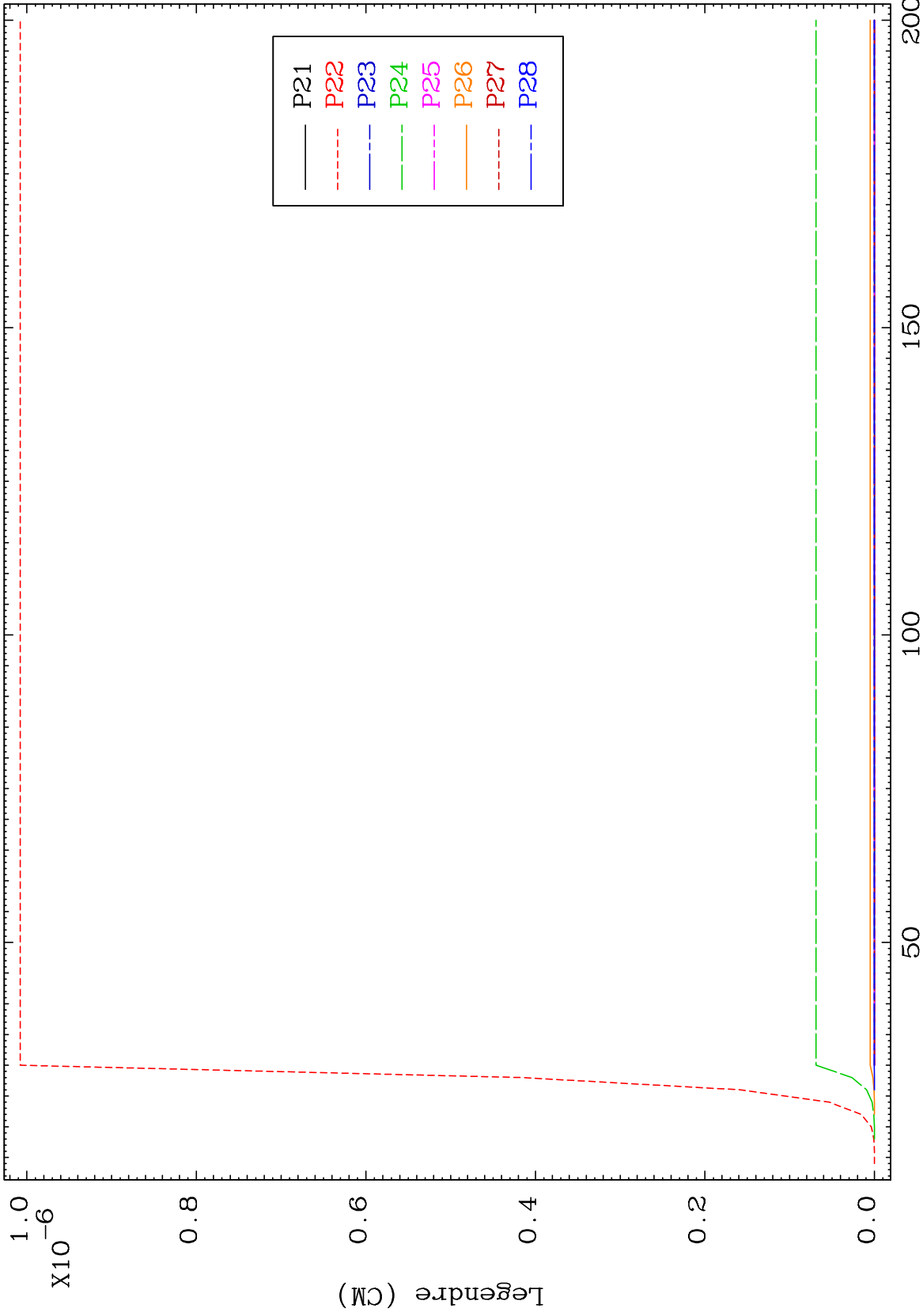
103 Incident Energy (MeV) 50-Sn-102



MAT 4995

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

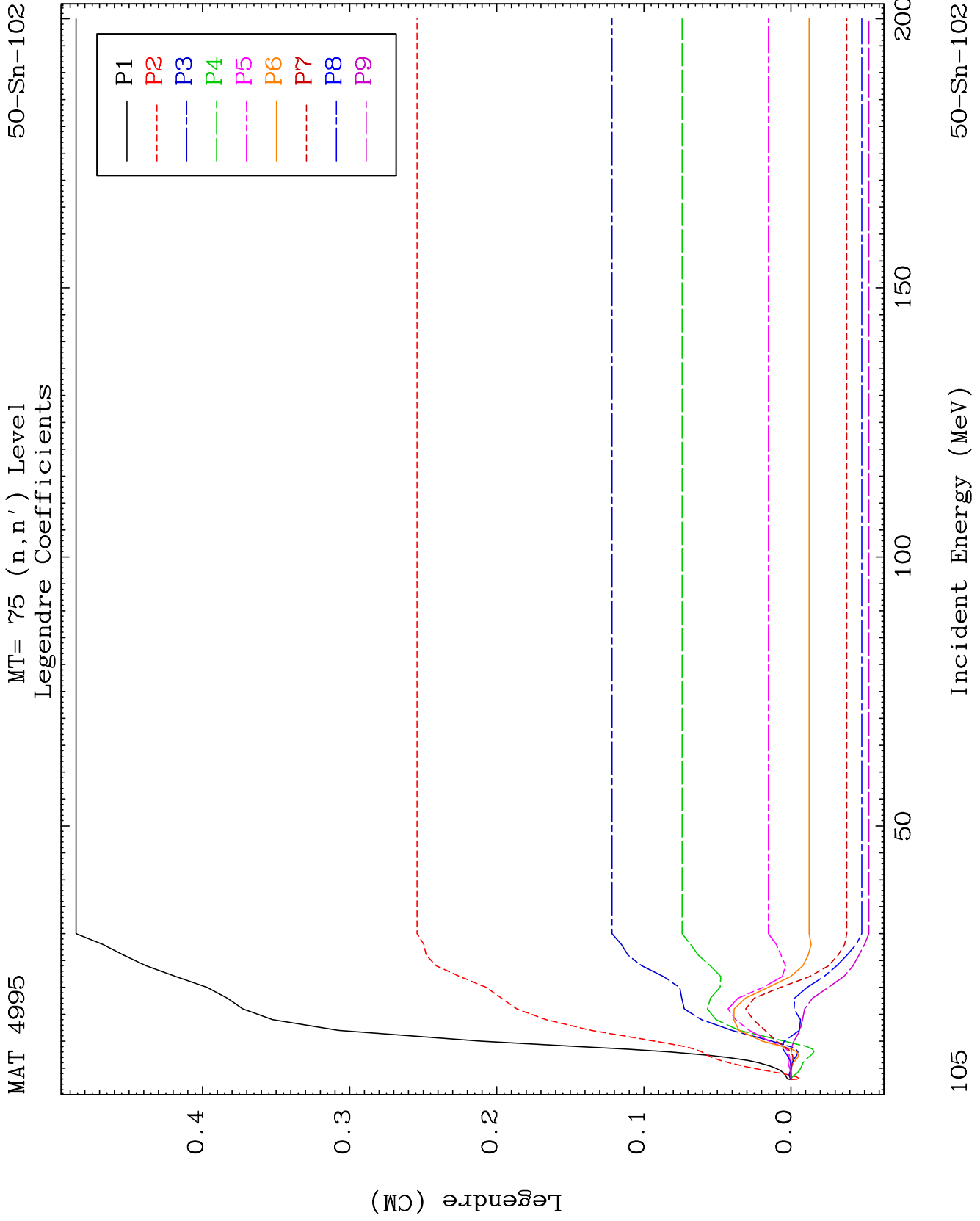
50-Sn-102



50-Sn-102

Incident Energy (MeV)

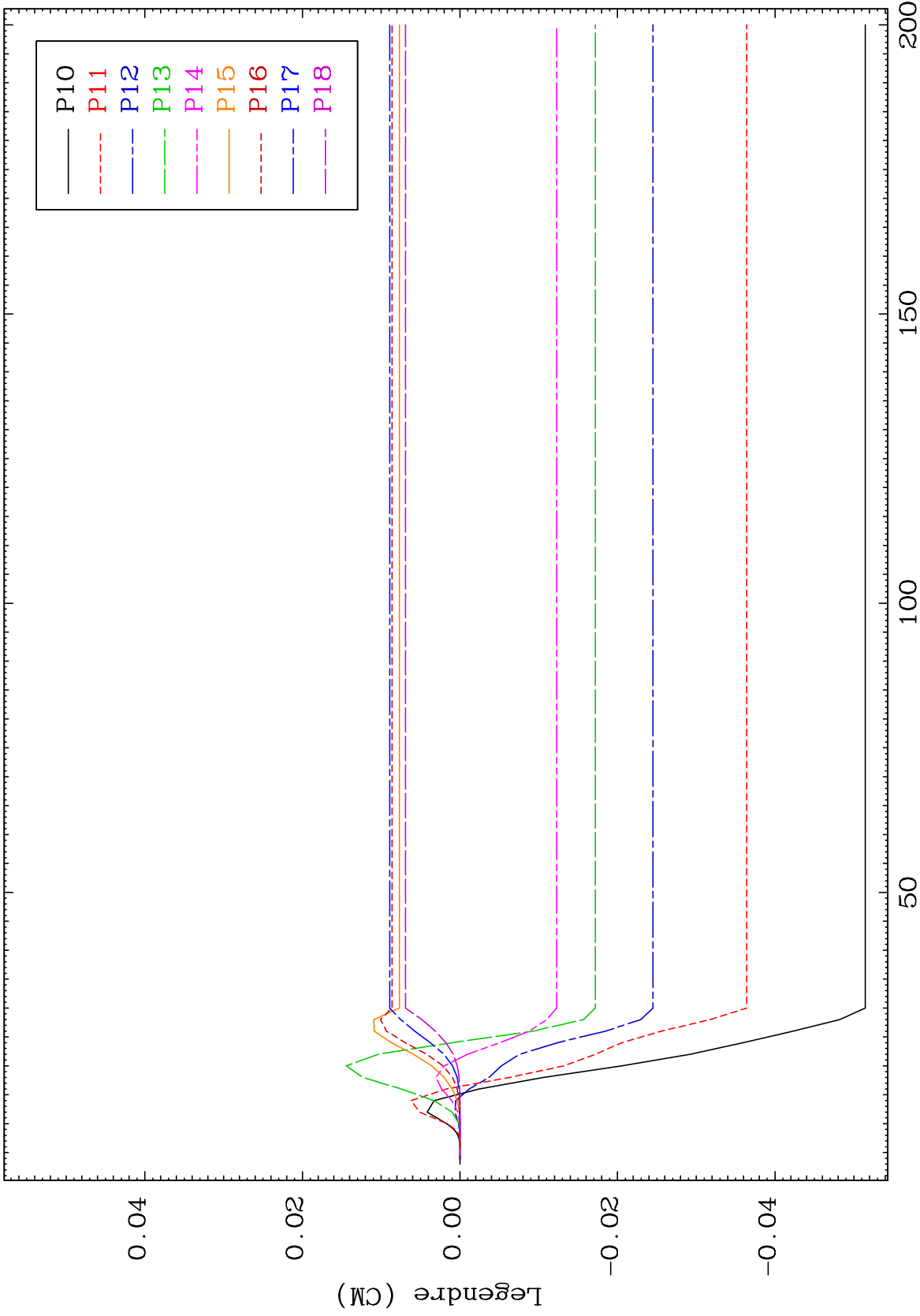
104



MAT 4995

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

50-Sn-102

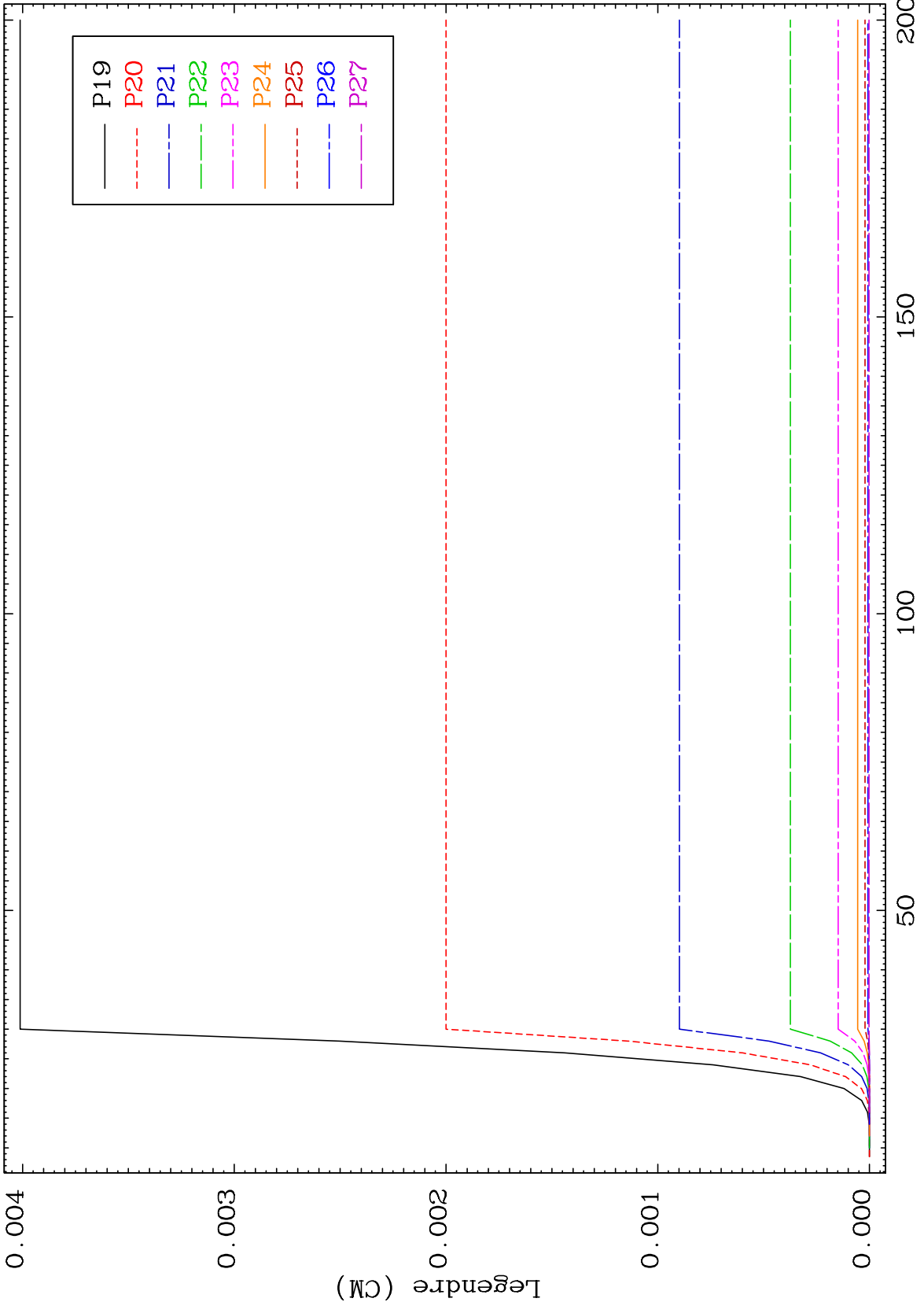


106

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-102

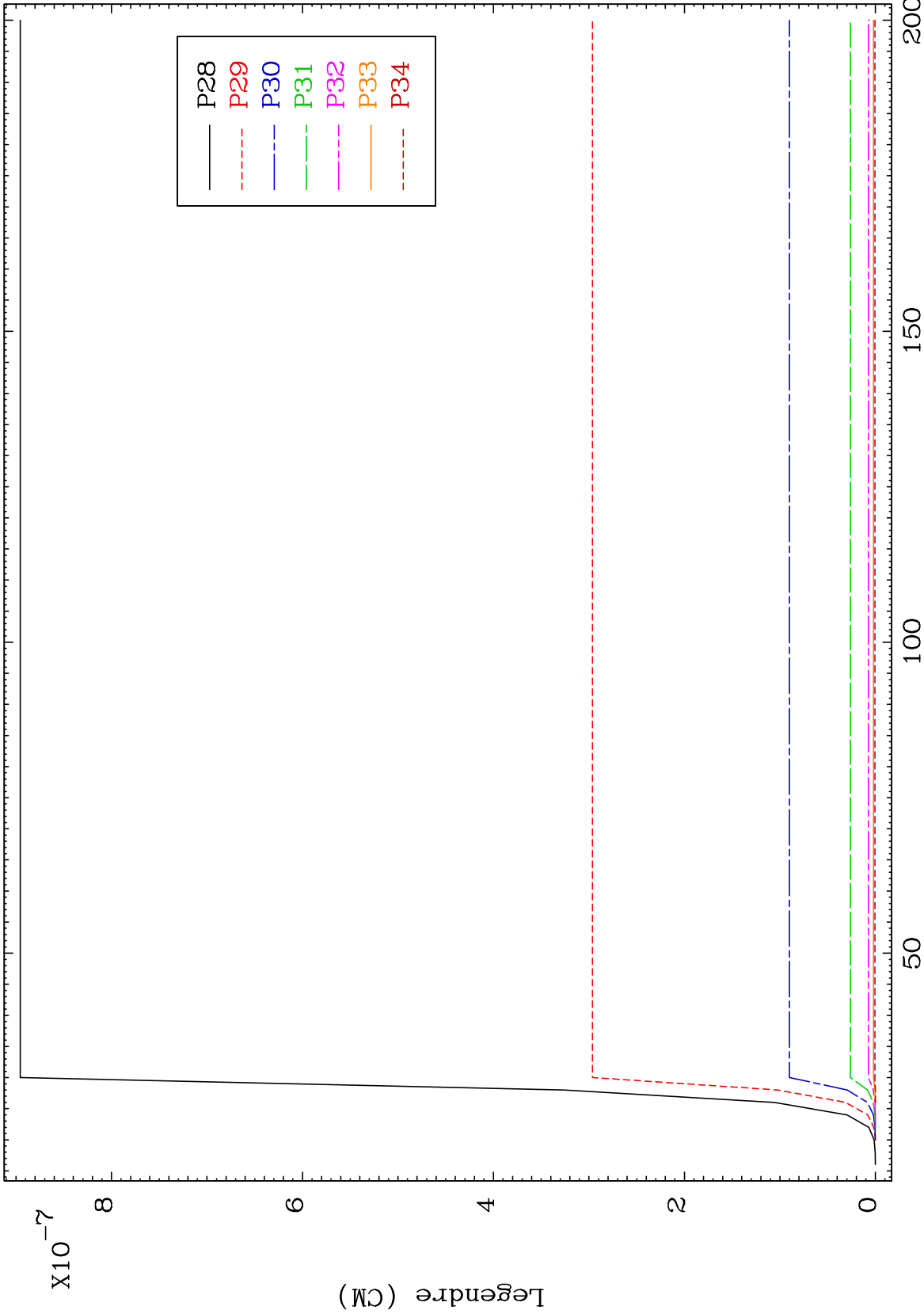


107 50-Sn-102

MAT 4995

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

50-Sn-102



108

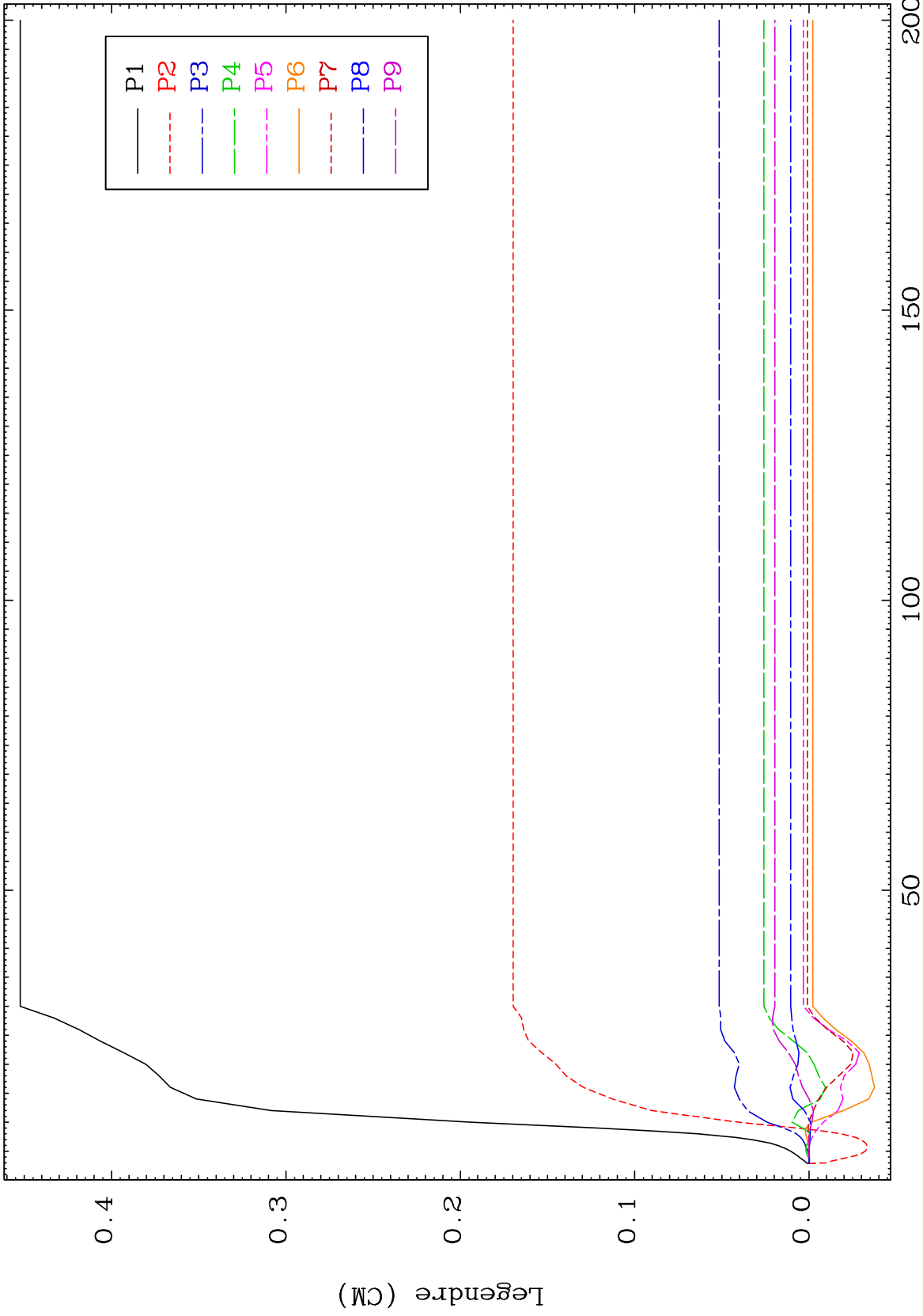
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



109

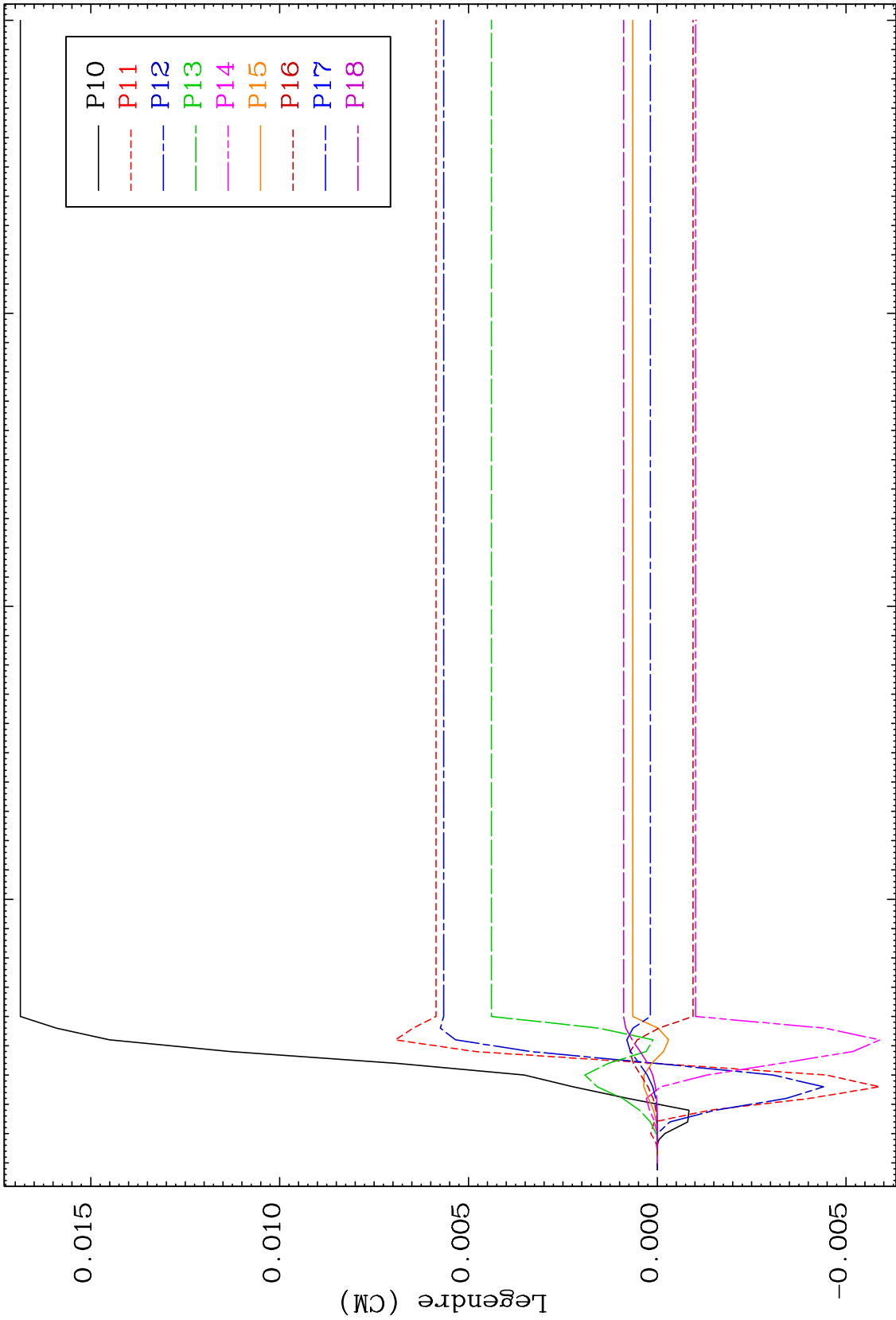
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



110

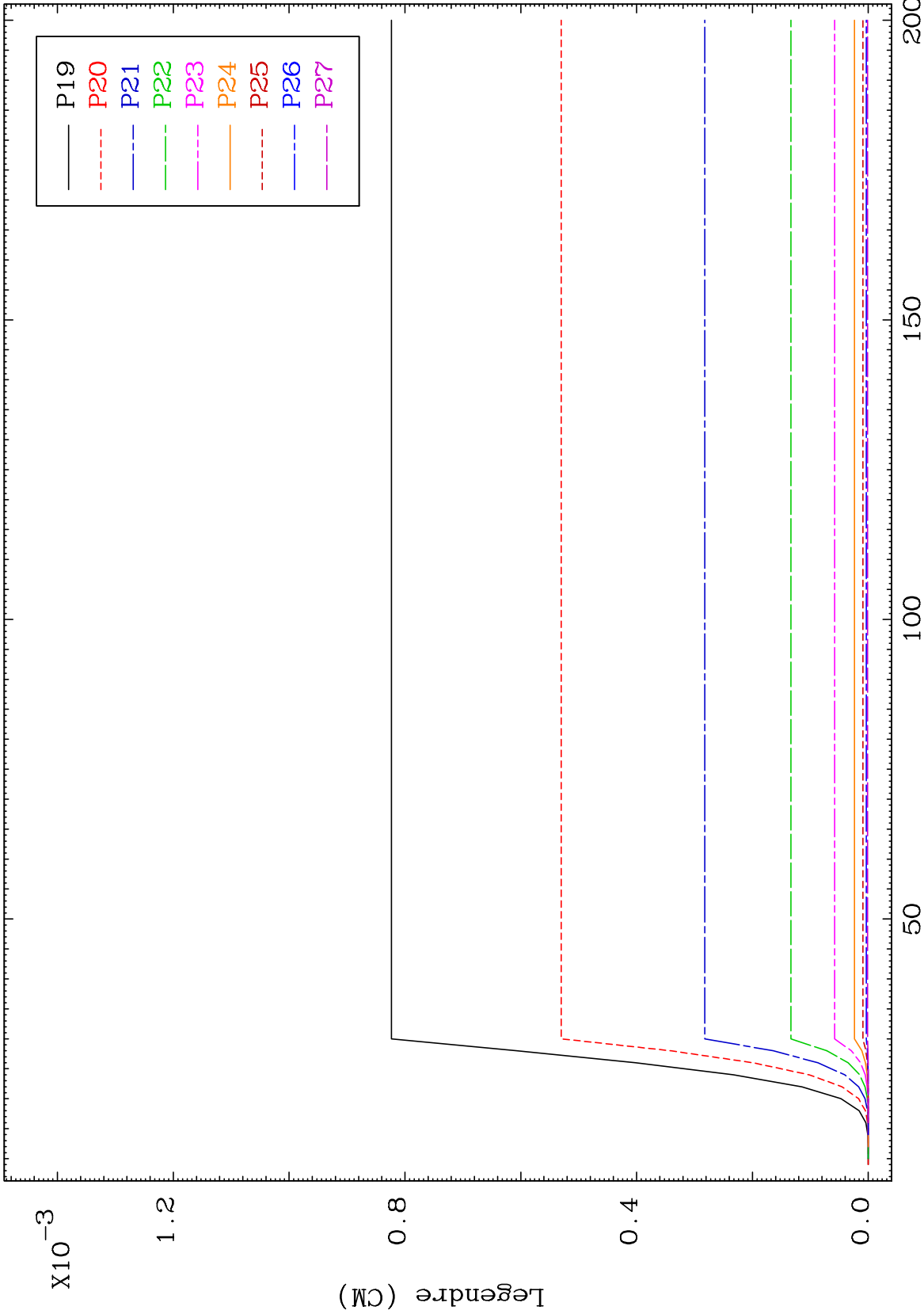
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



111

Incident Energy (MeV)

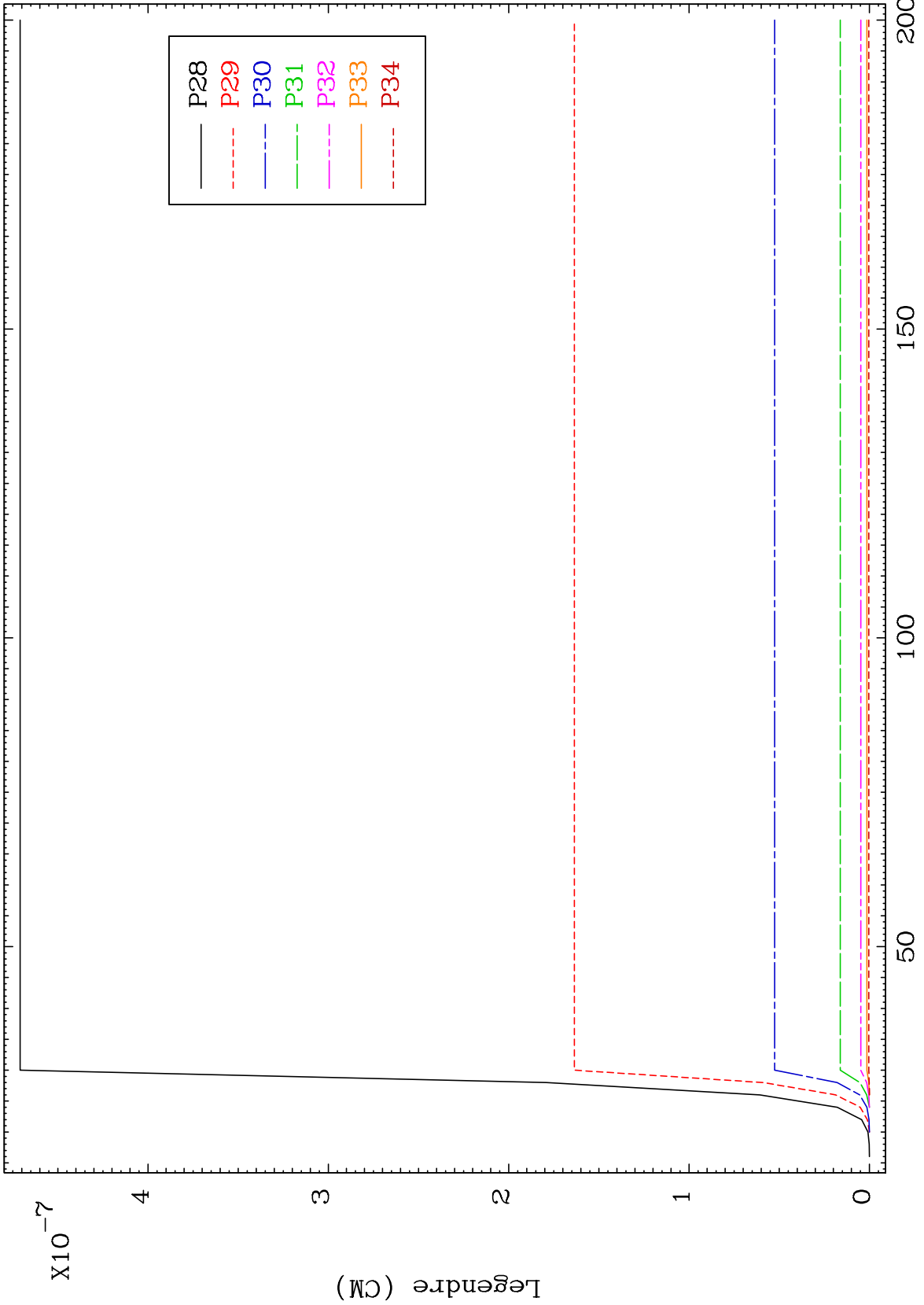
50-Sn-102



MAT 4995

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

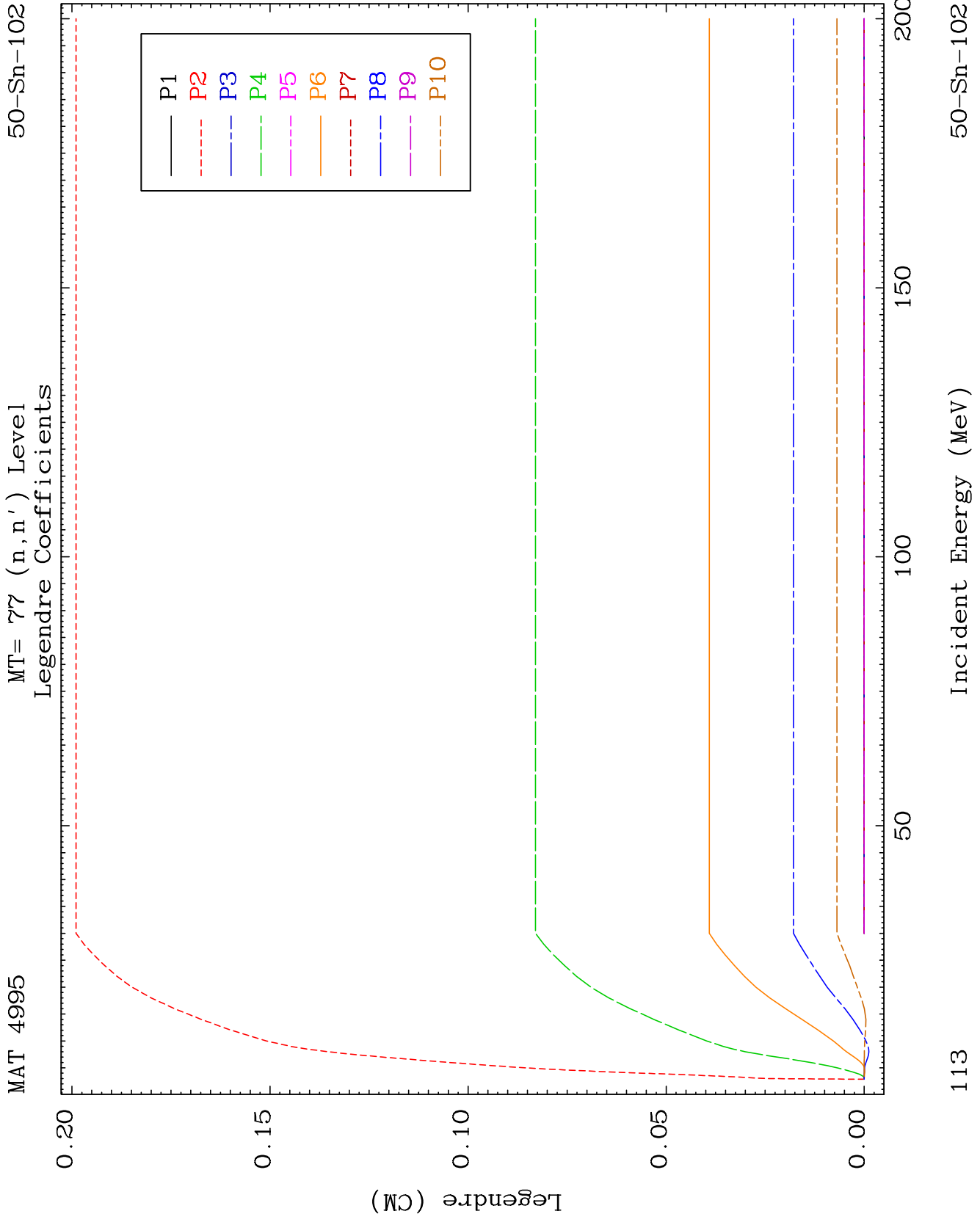
50-Sn-102



112

Incident Energy (MeV)

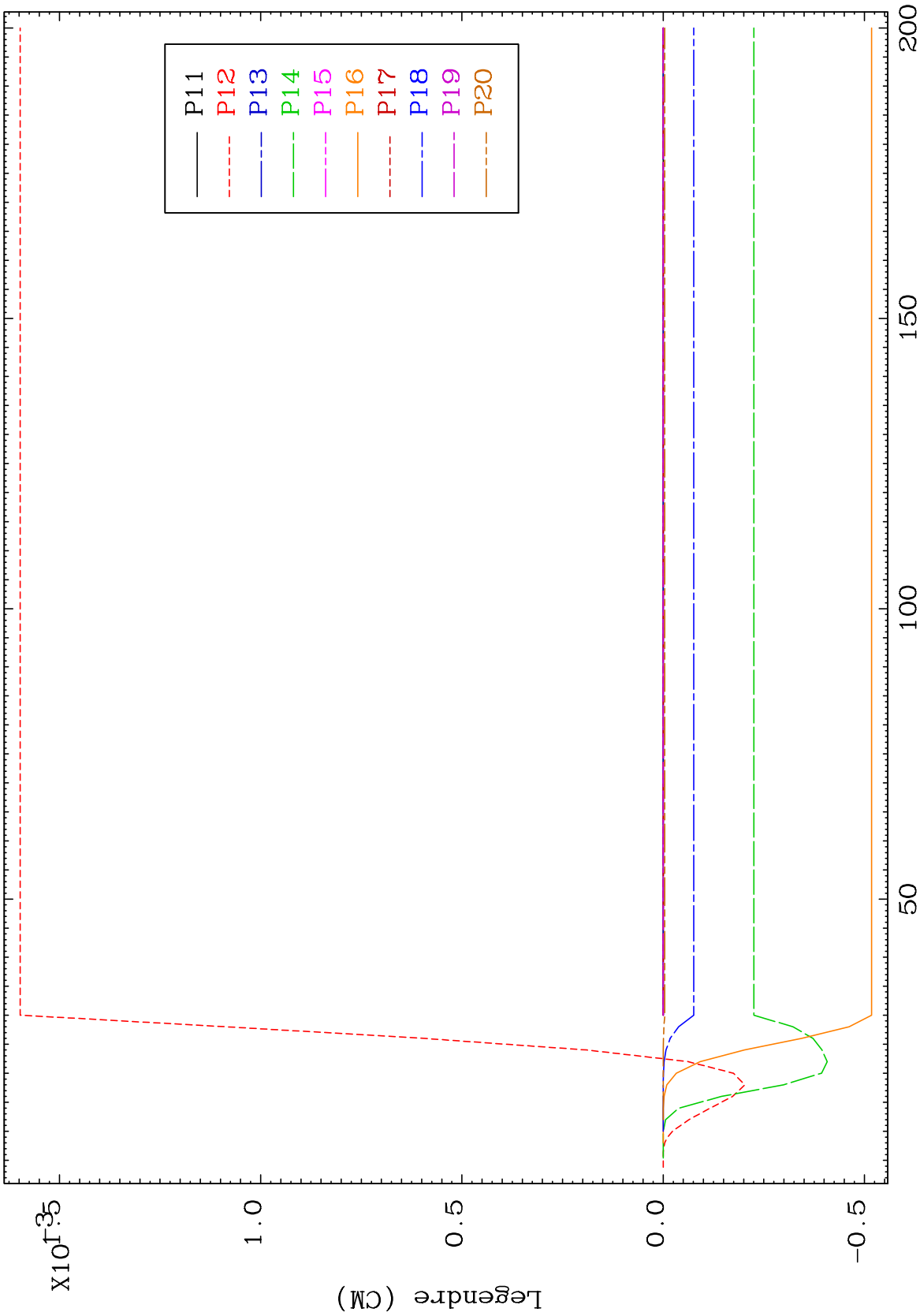
50-Sn-102



MAT 4995

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

50-Sn-102

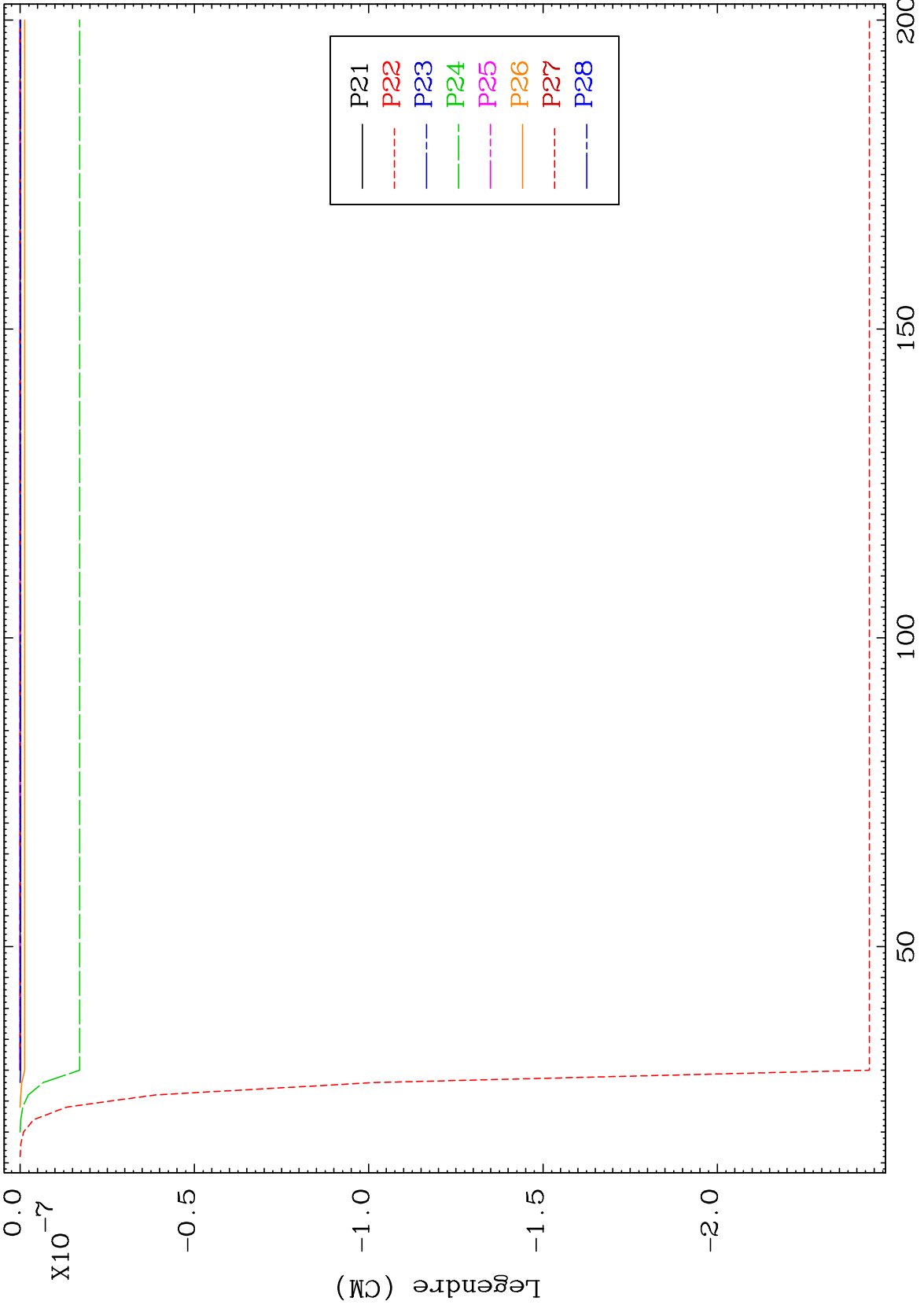


114

Incident Energy (MeV)

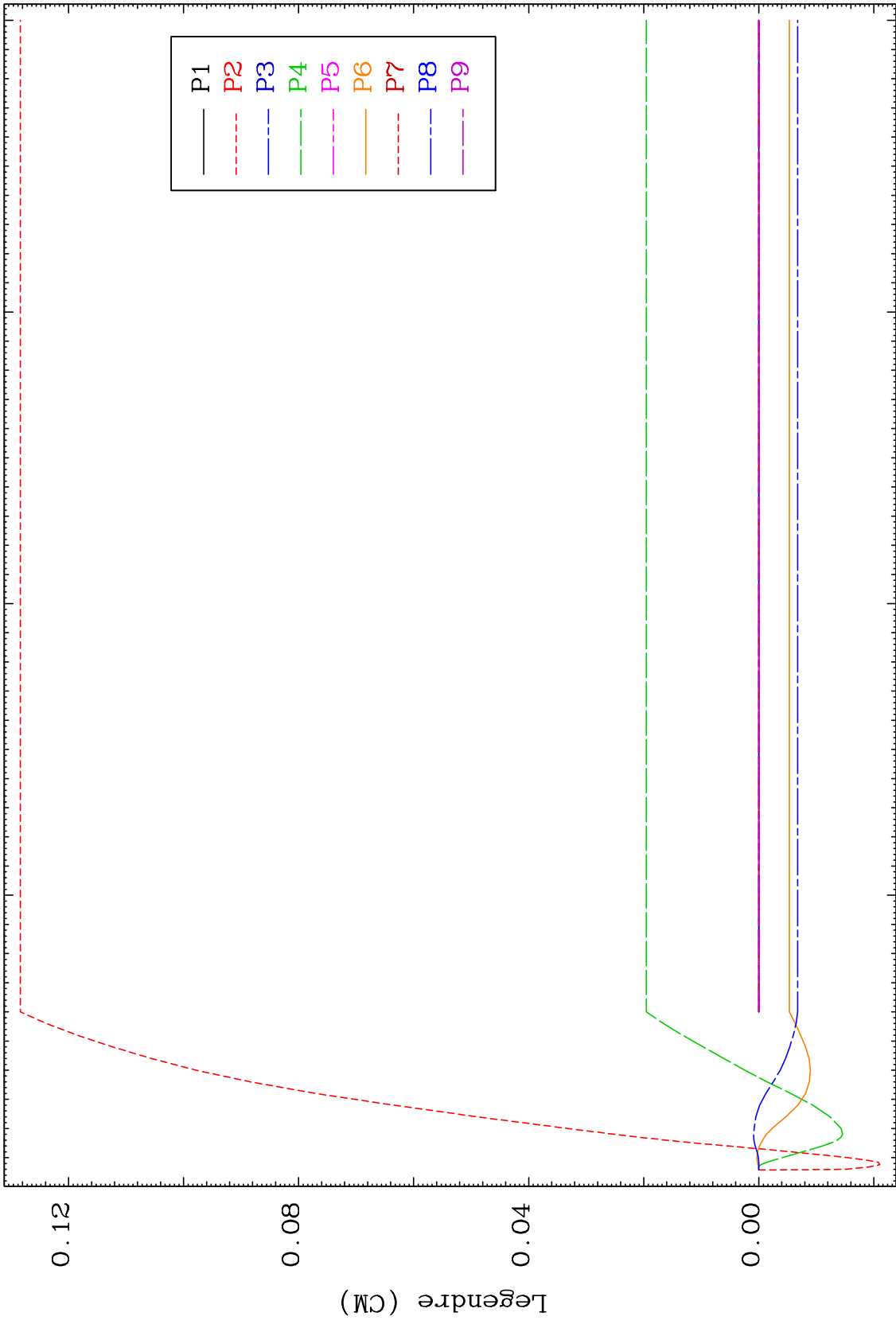
50-Sn-102

MAT 4995 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-102



115 Incident Energy (MeV) 50-Sn-102

MAT 4995 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-102

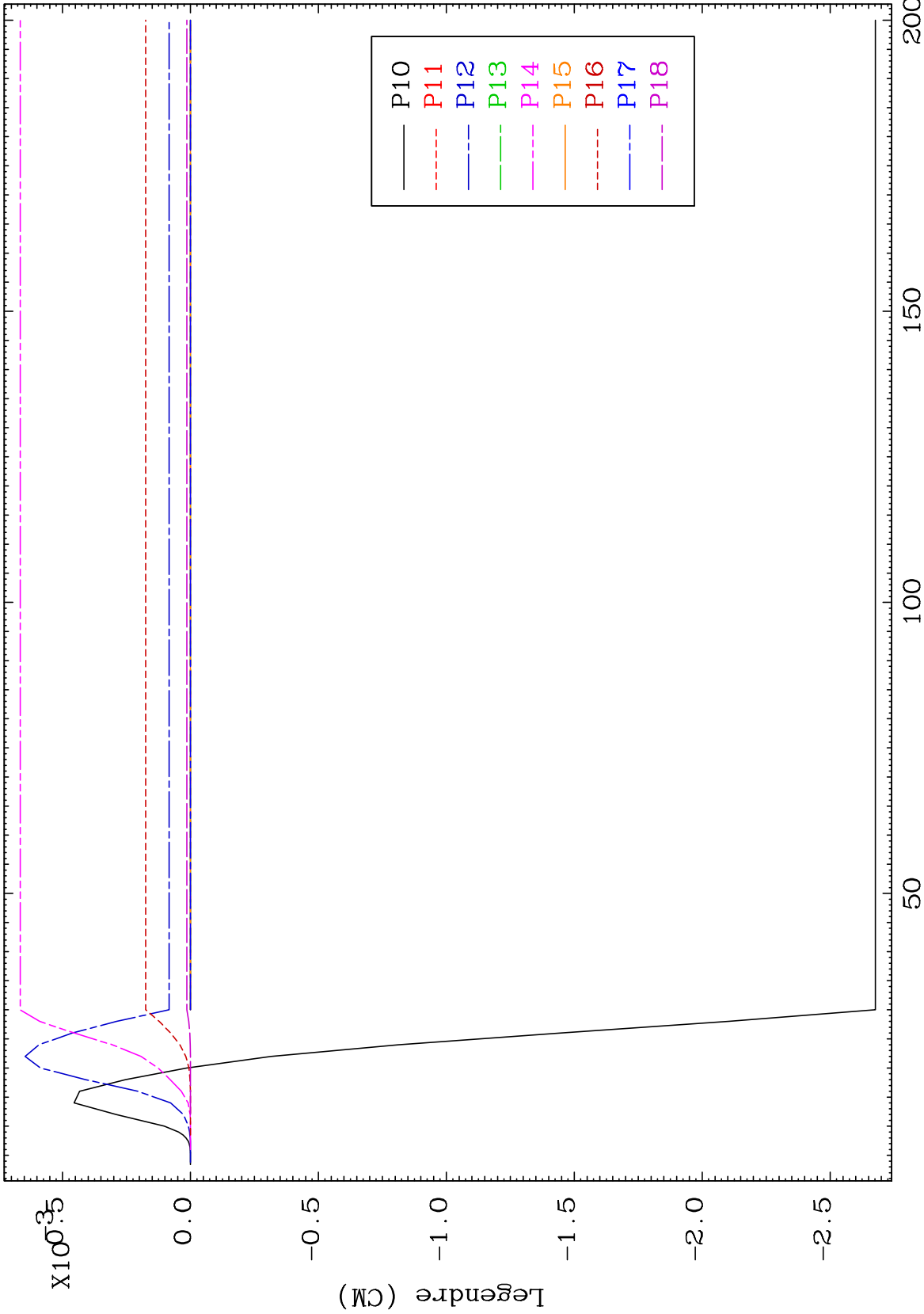


116 Incident Energy (MeV) 50-Sn-102

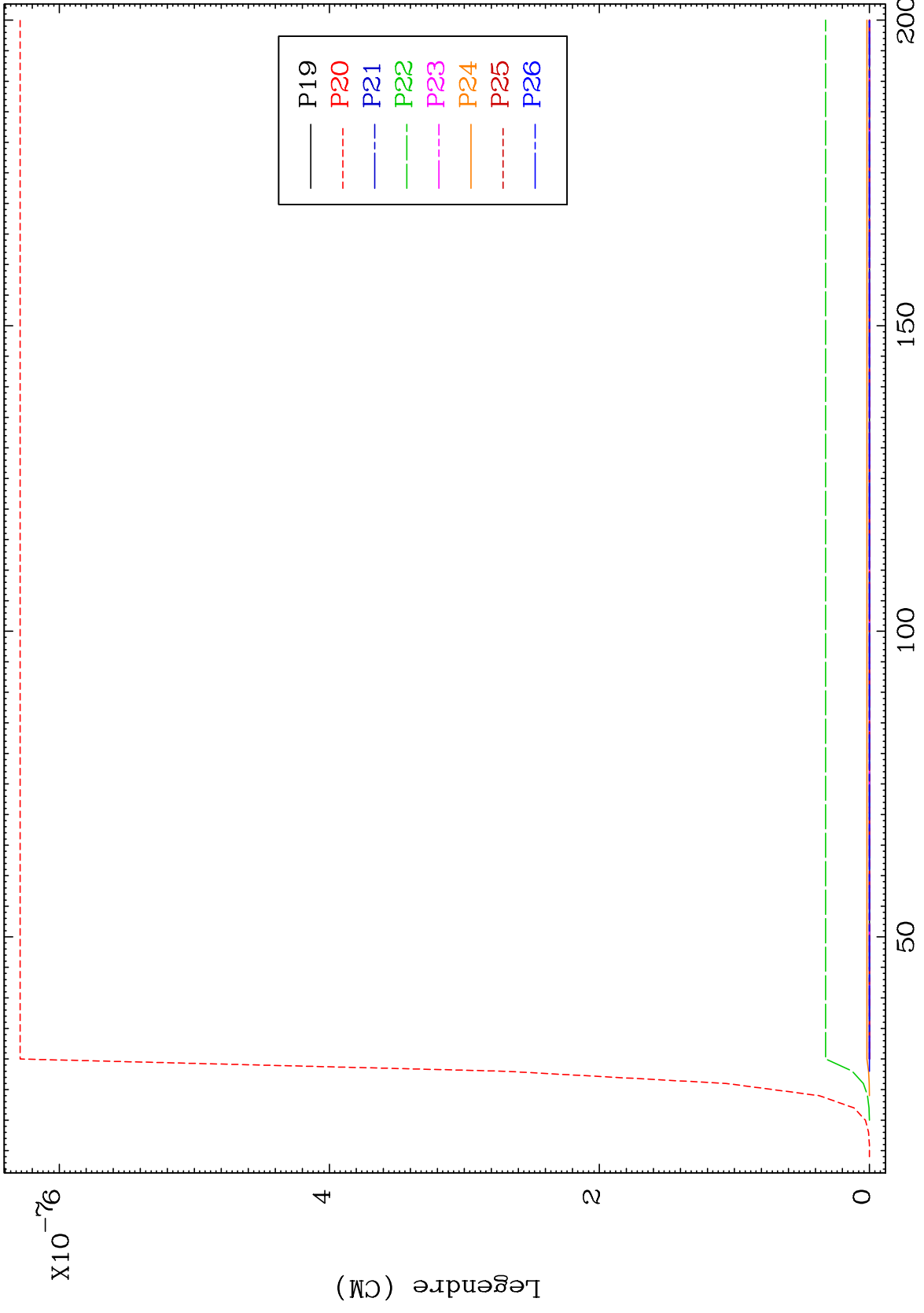
MAT 4995

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

50-Sn-102

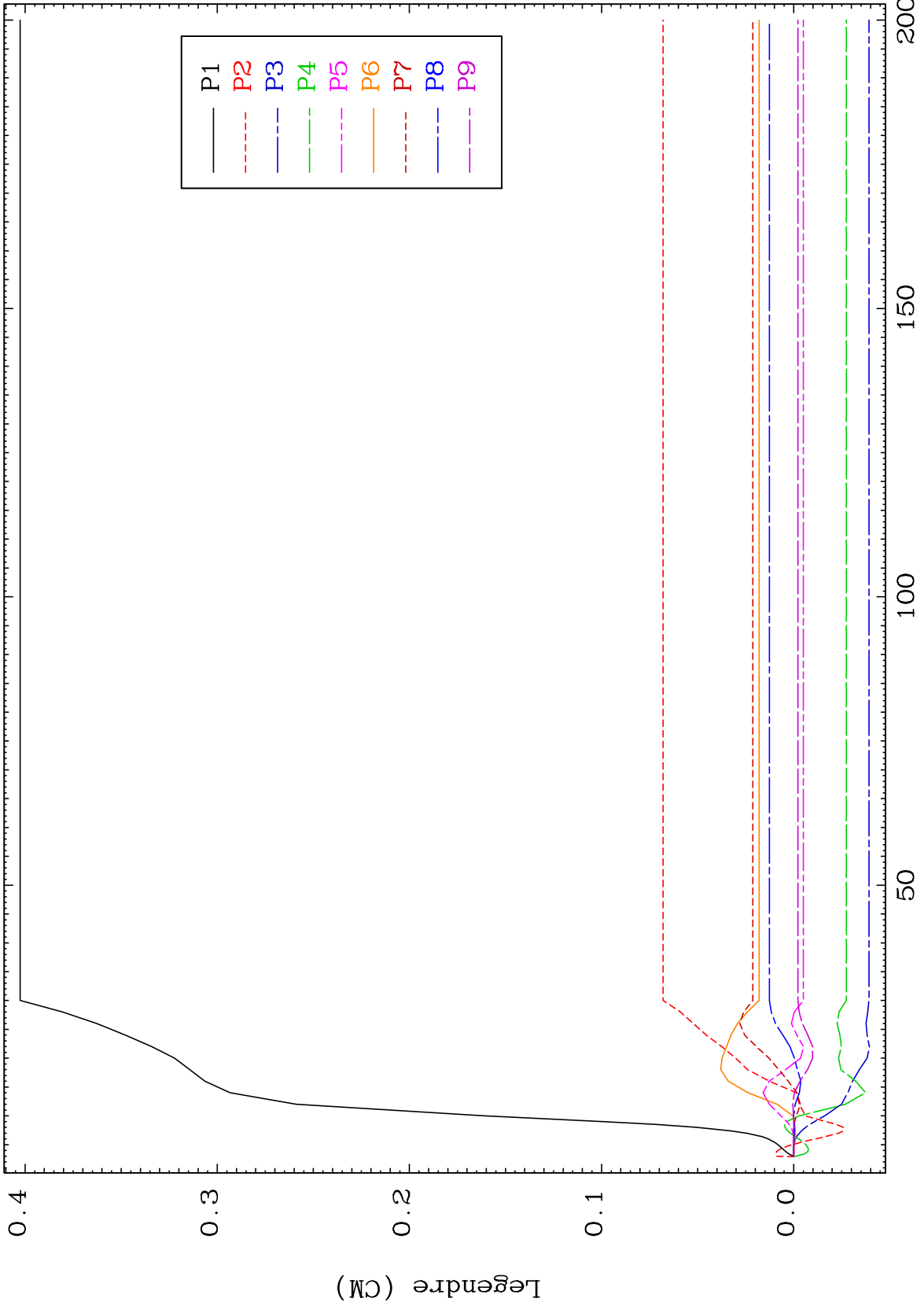


MAT 4995 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-102



118 50-Sn-102

MAT 4995 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-102

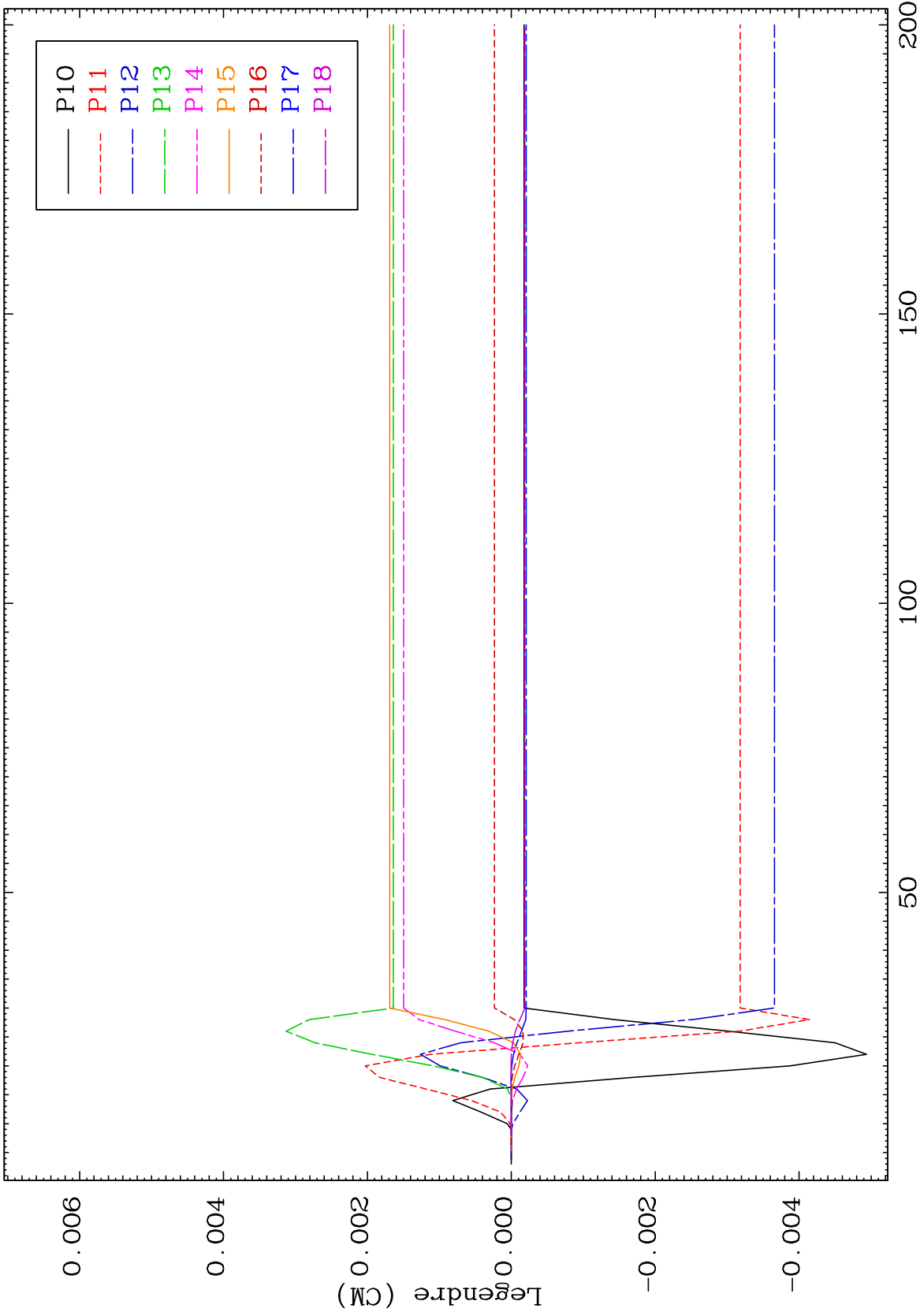




MAT 4995

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

50-Sn-102

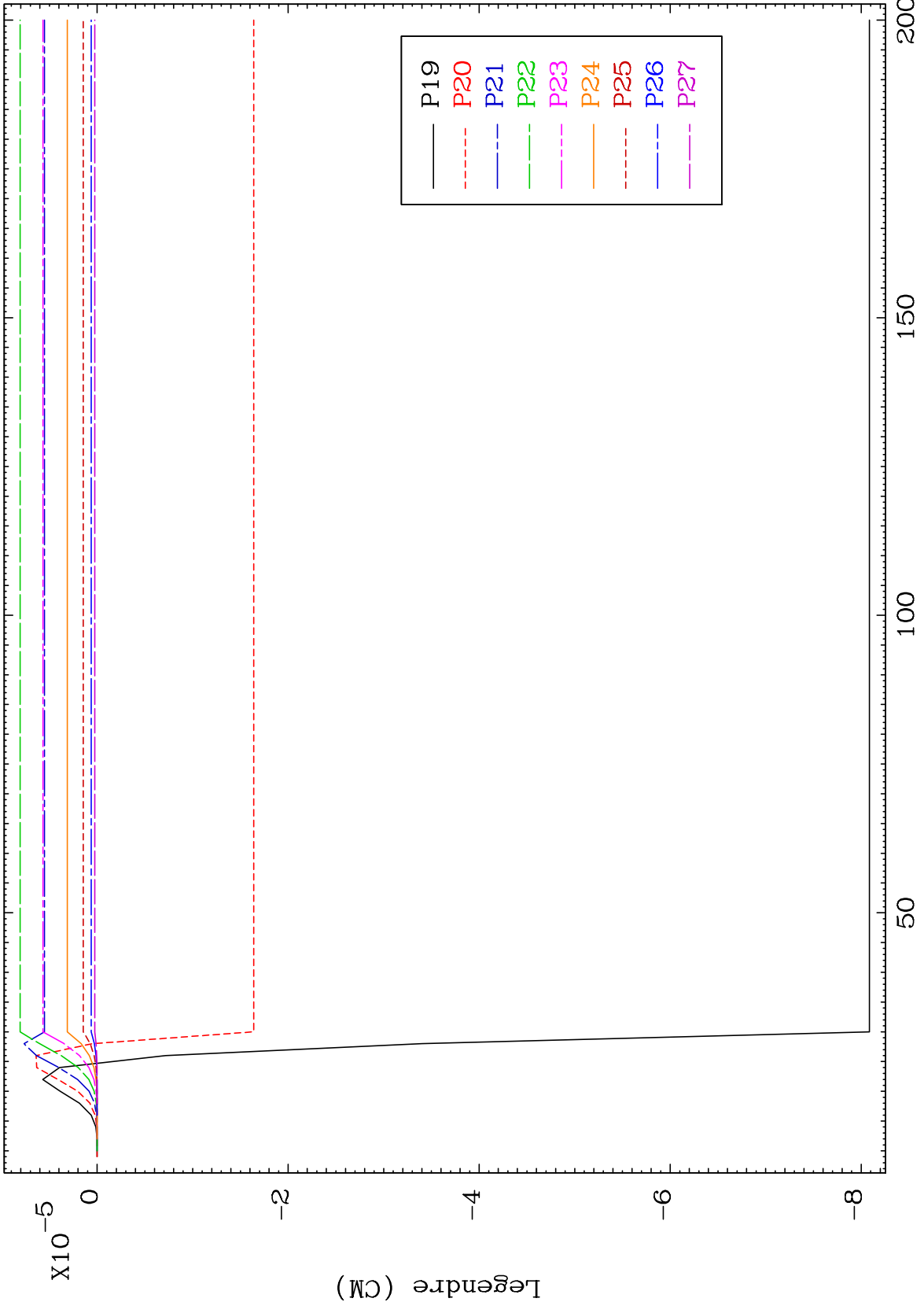


120

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-102

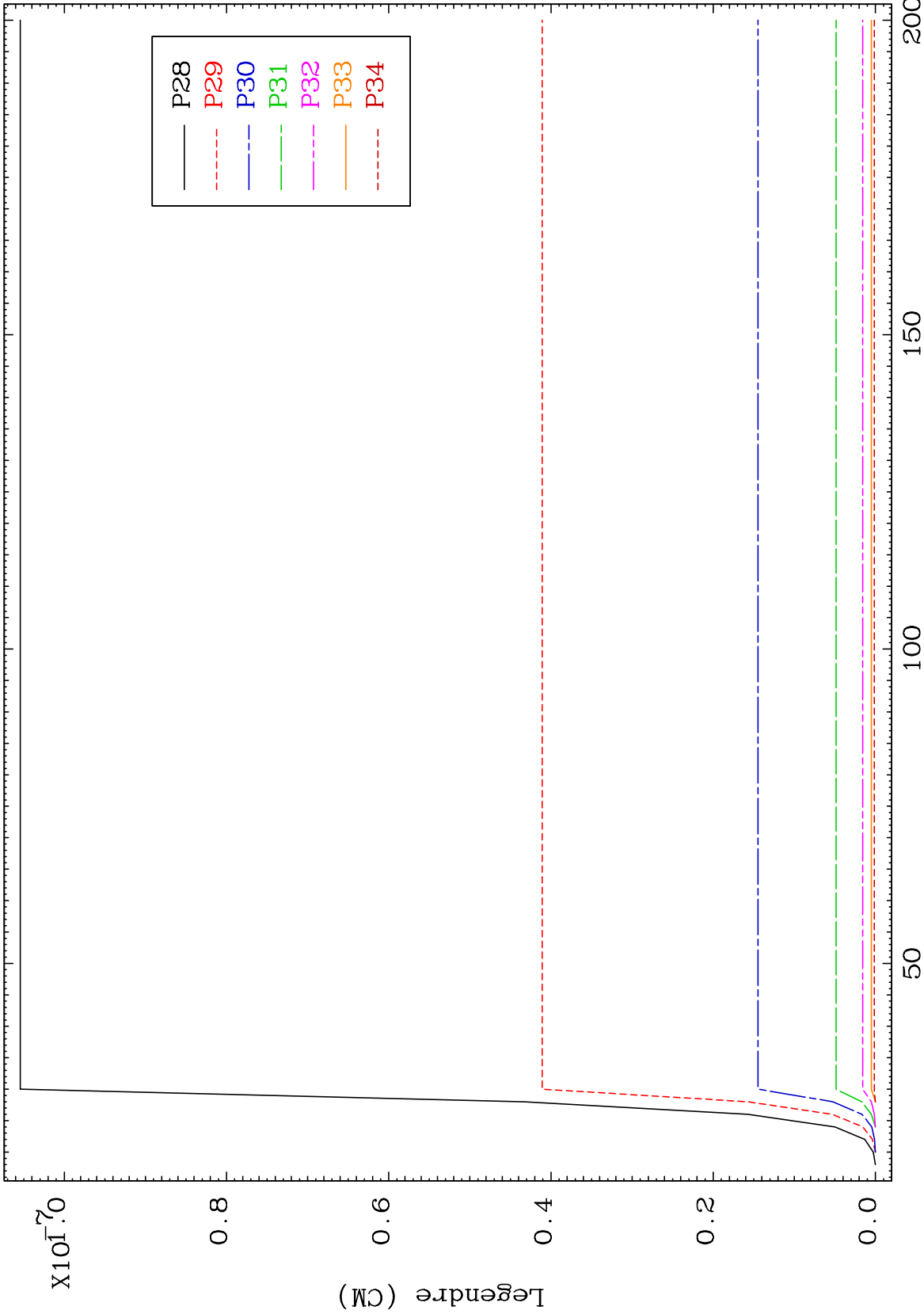


121 50-Sn-102

MAT 4995

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

50-Sn-102

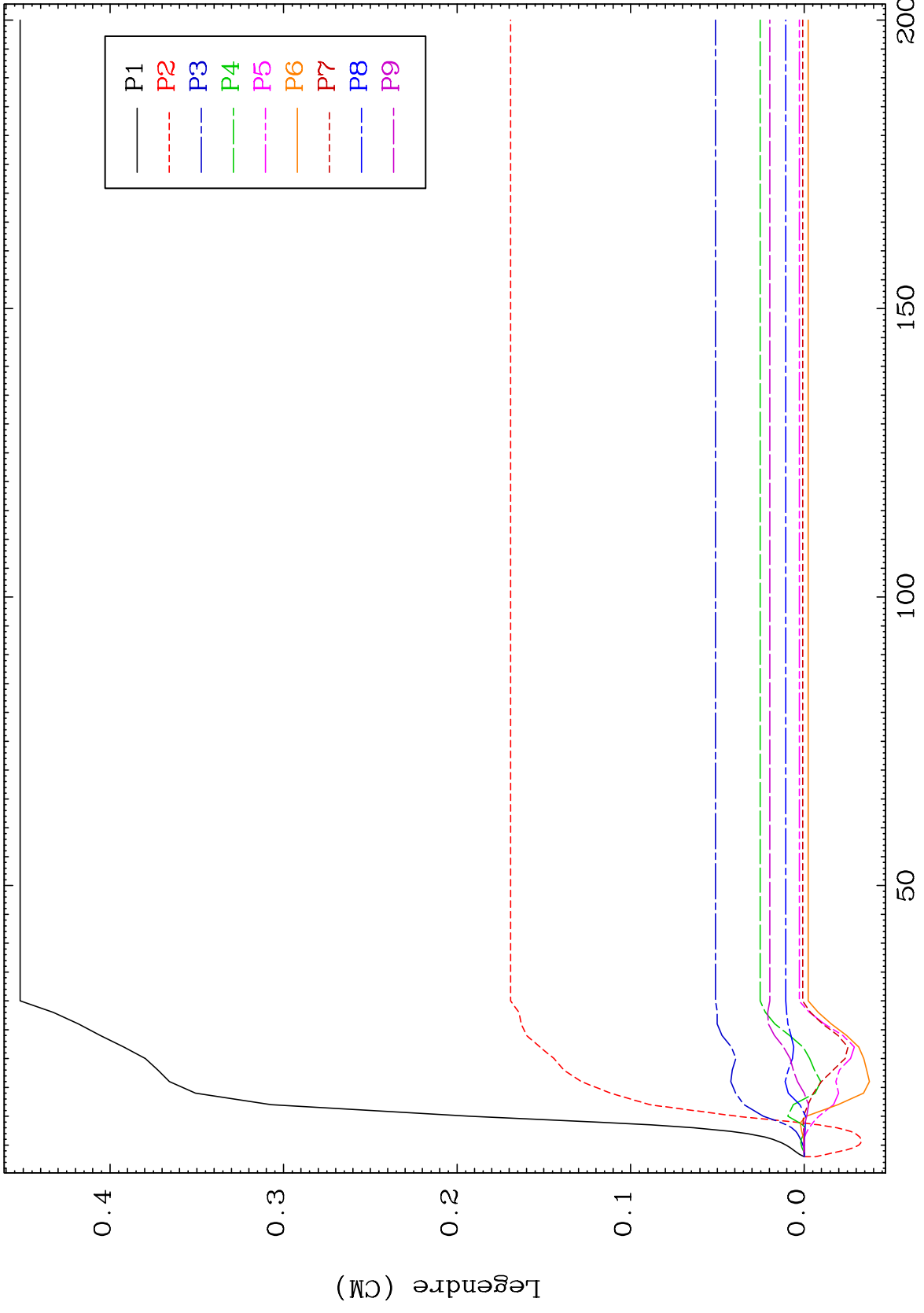


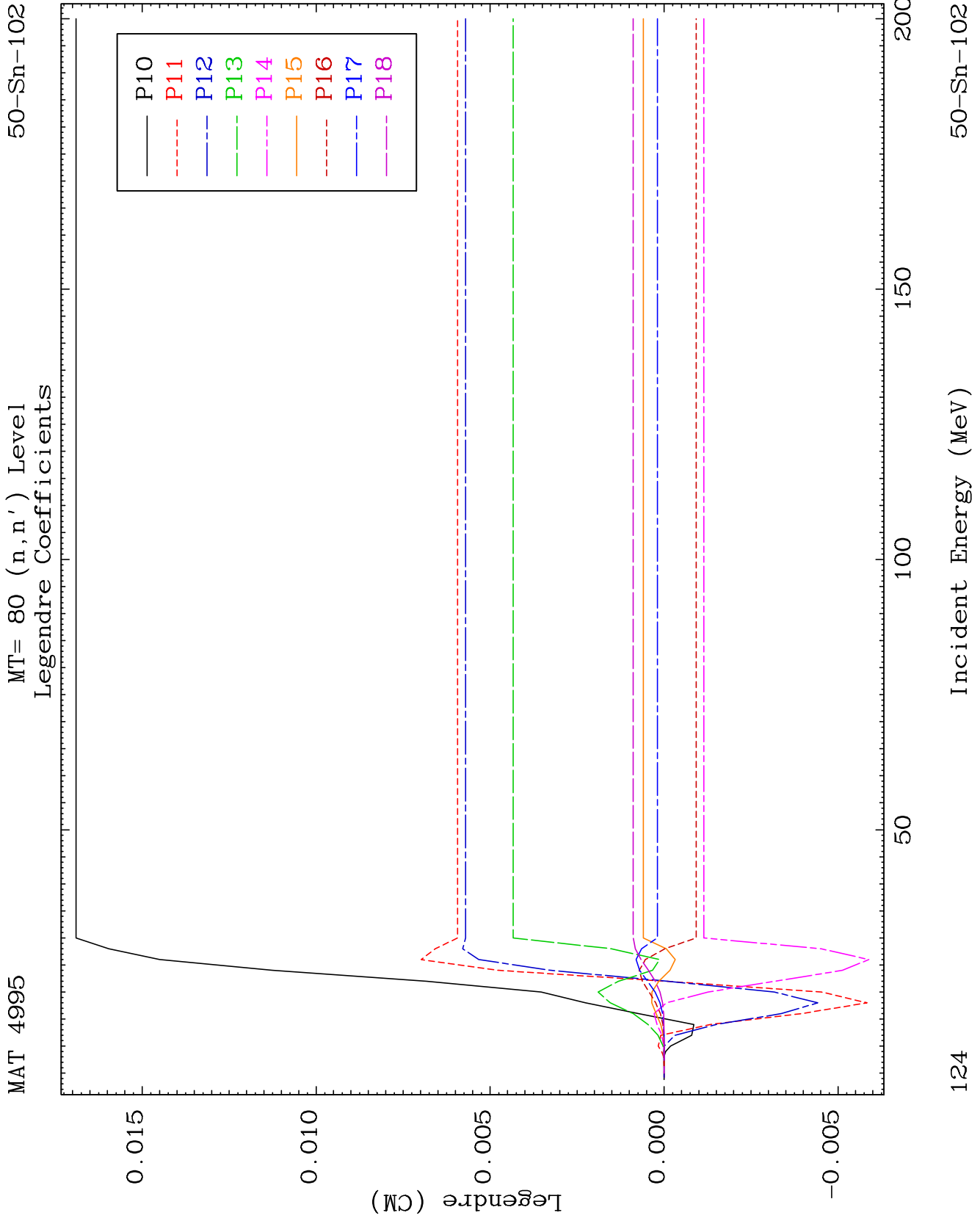
122

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-102

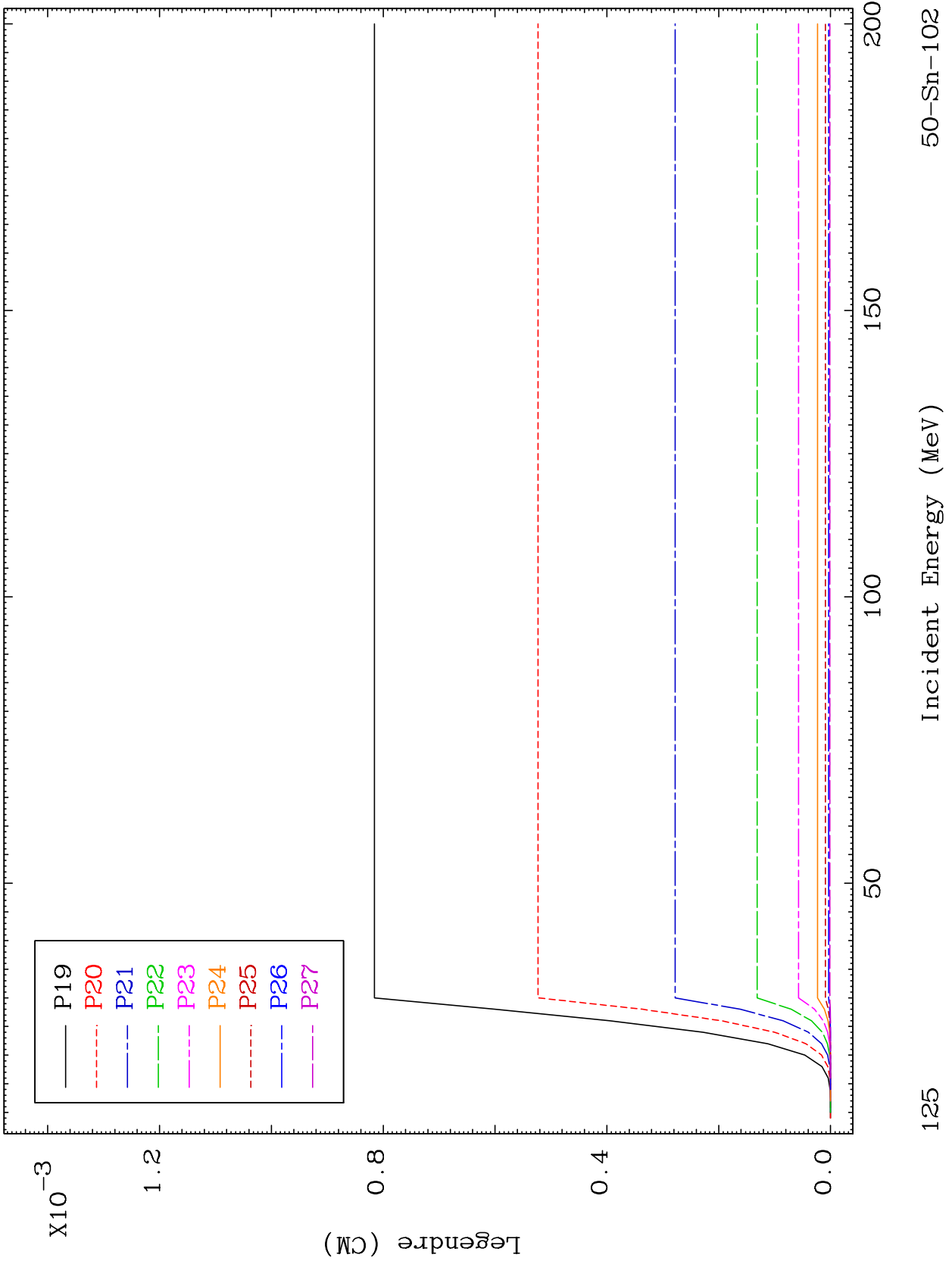




MAT 4995

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

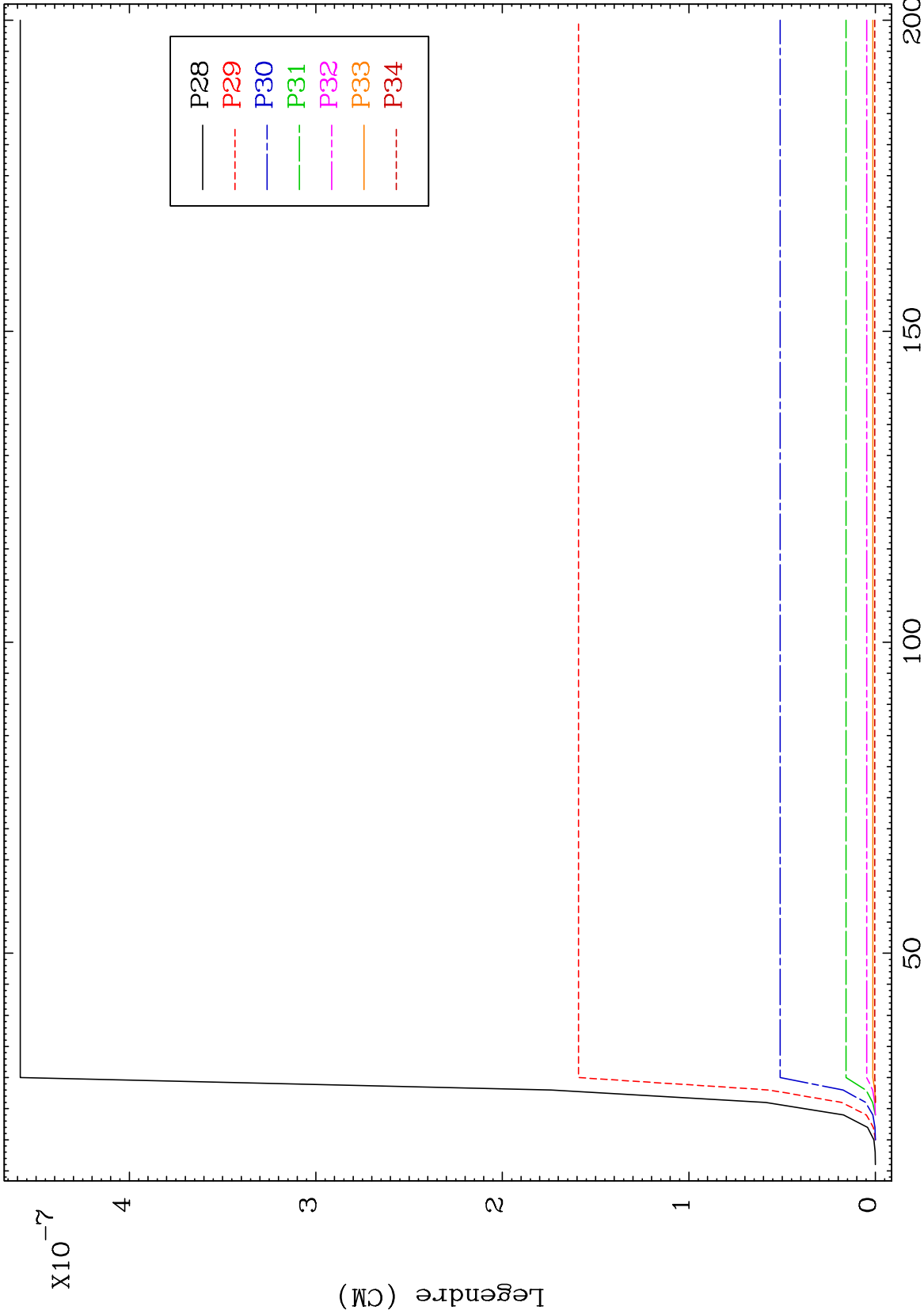
50-Sn-102



MAT 4995

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

50-Sn-102



126

Incident Energy (MeV)

50-Sn-102

MAT 4995

Radionuclide Production Cross Section  
(n,2α)

50-Sn-102

