

Program EVALPLOT
(Version 2018-1)

by

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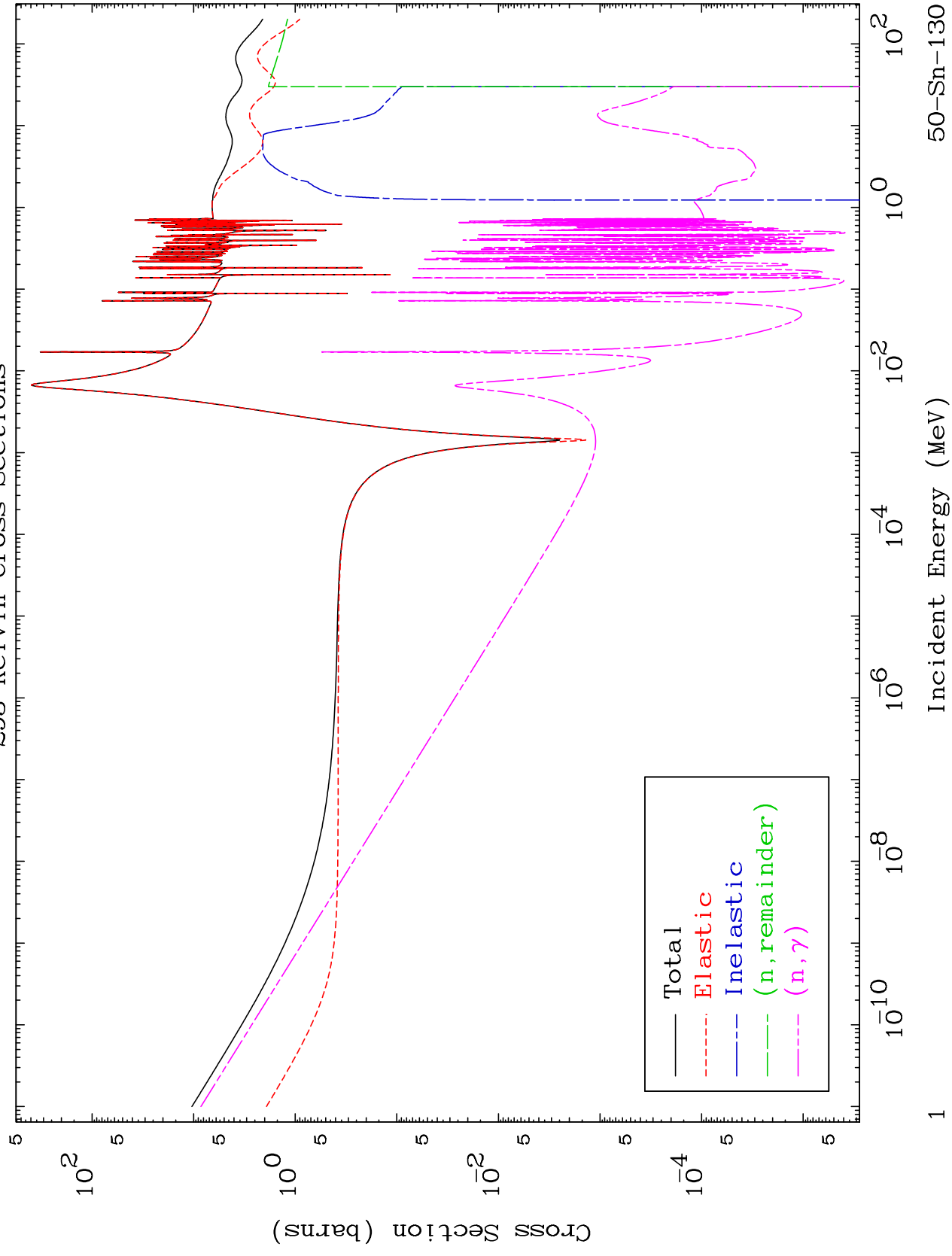
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5079

Major
293 Kelvin Cross Sections

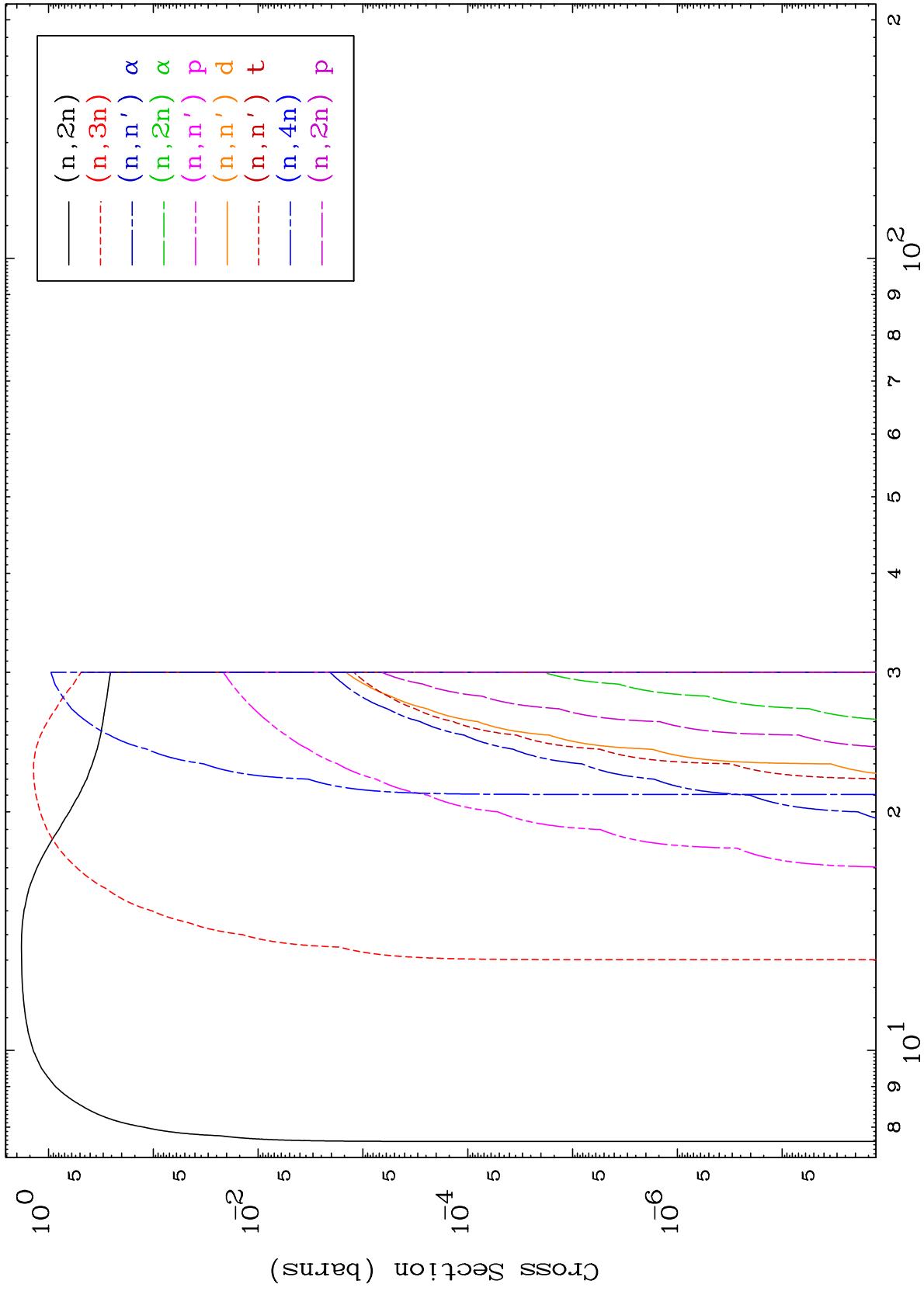
50-Sn-130



MAT 5079

Neutron Production
293 Kelvin Cross Sections

50-Sn-130



2

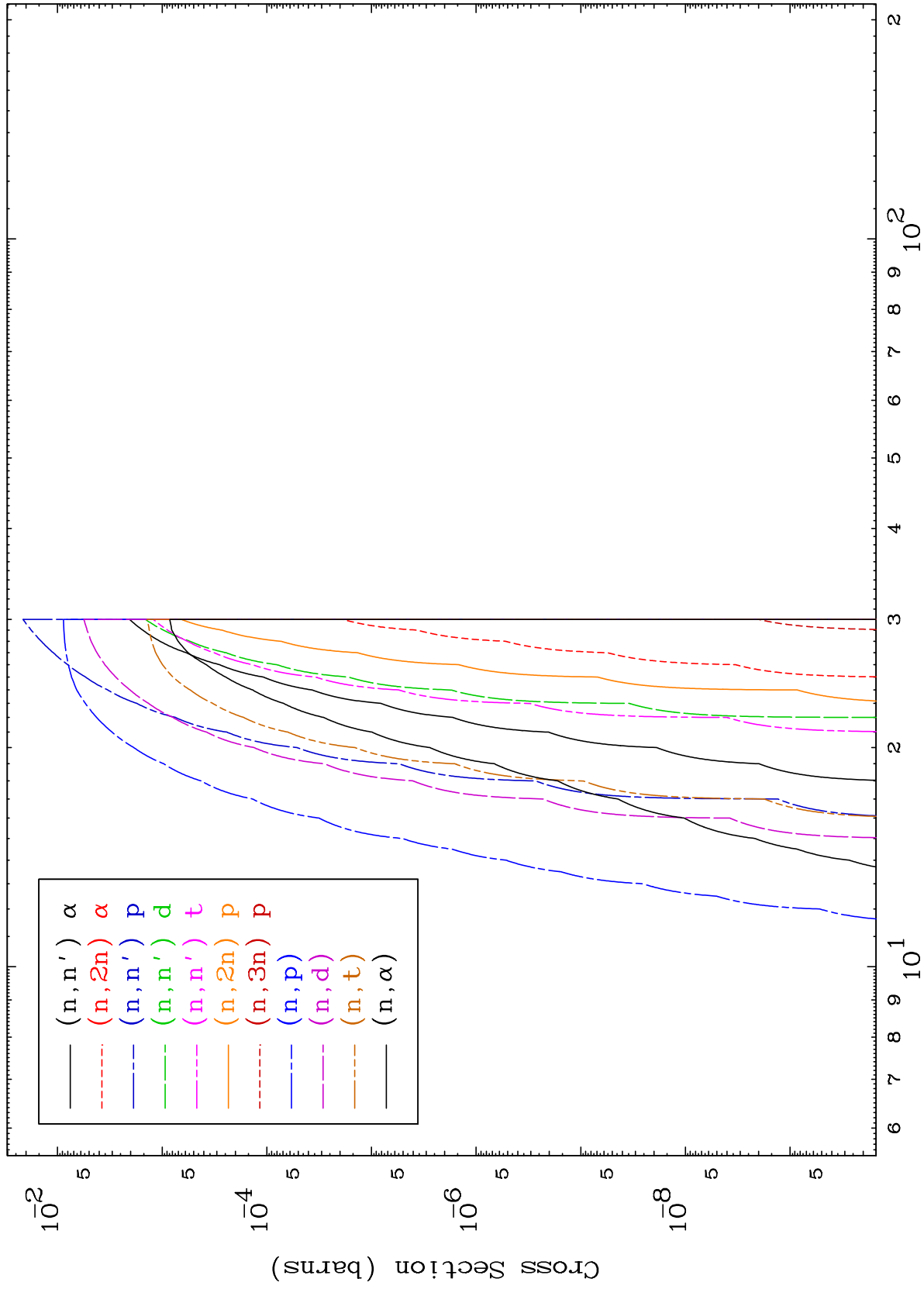
Incident Energy (MeV)

50-Sn-130

MAT 5079

Charged Particle
293 Kelvin Cross Sections

50-Sn-130



3

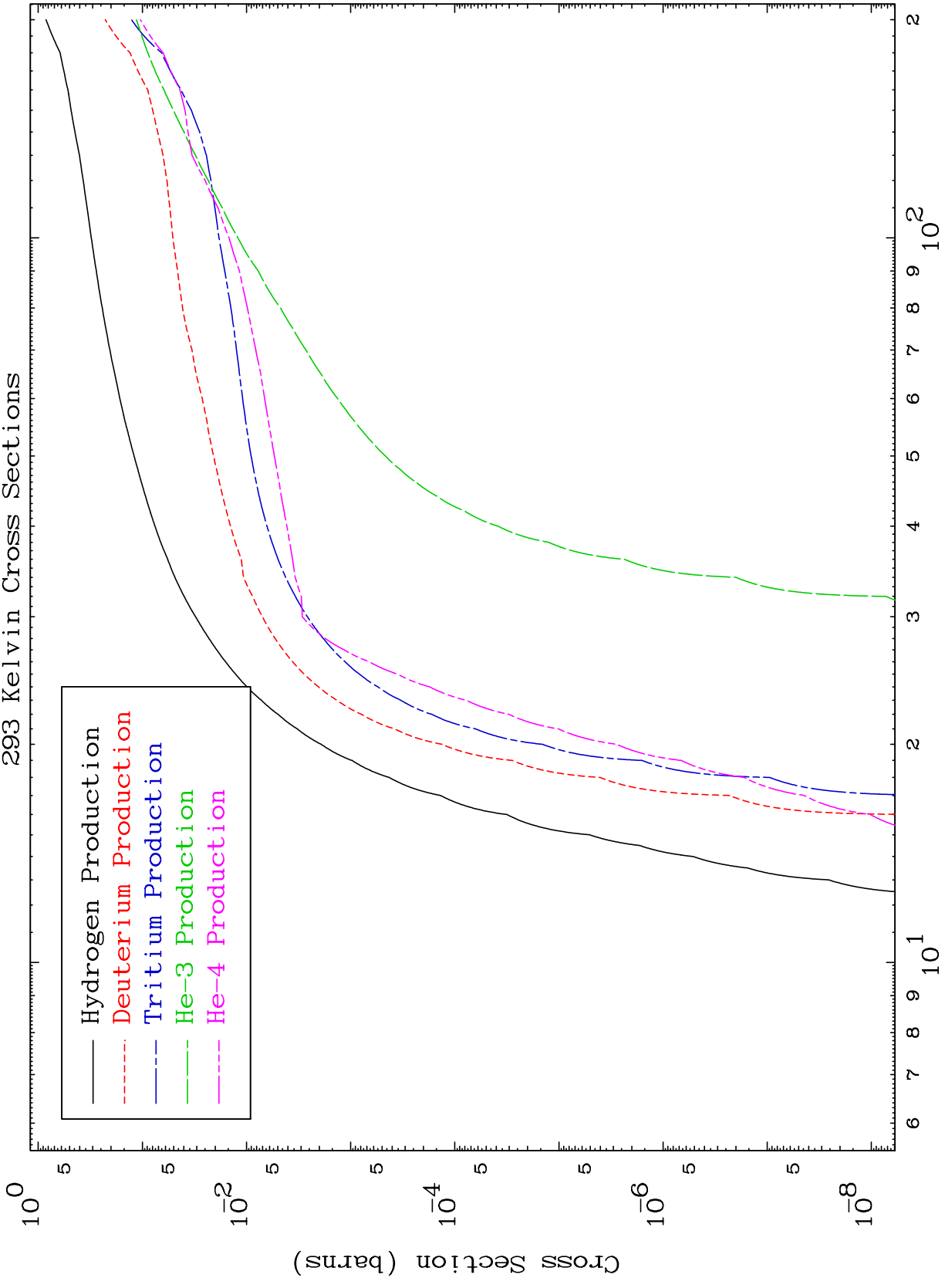
Incident Energy (MeV)

50-Sn-130

MAT 5079

Particle Production
293 Kelvin Cross Sections

50-Sn-130

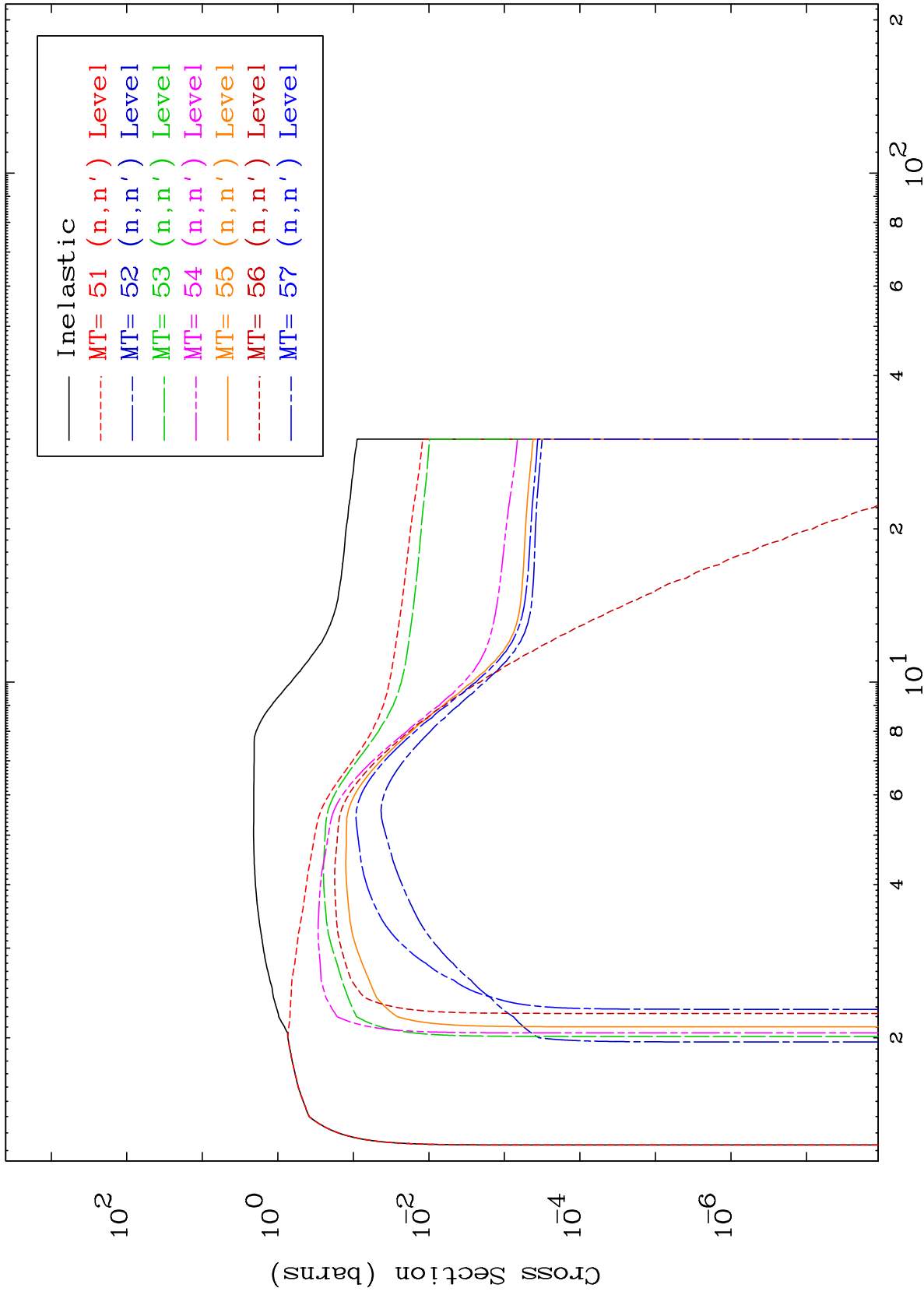


50-Sn-130

MAT 5079

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



5

Incident Energy (MeV)

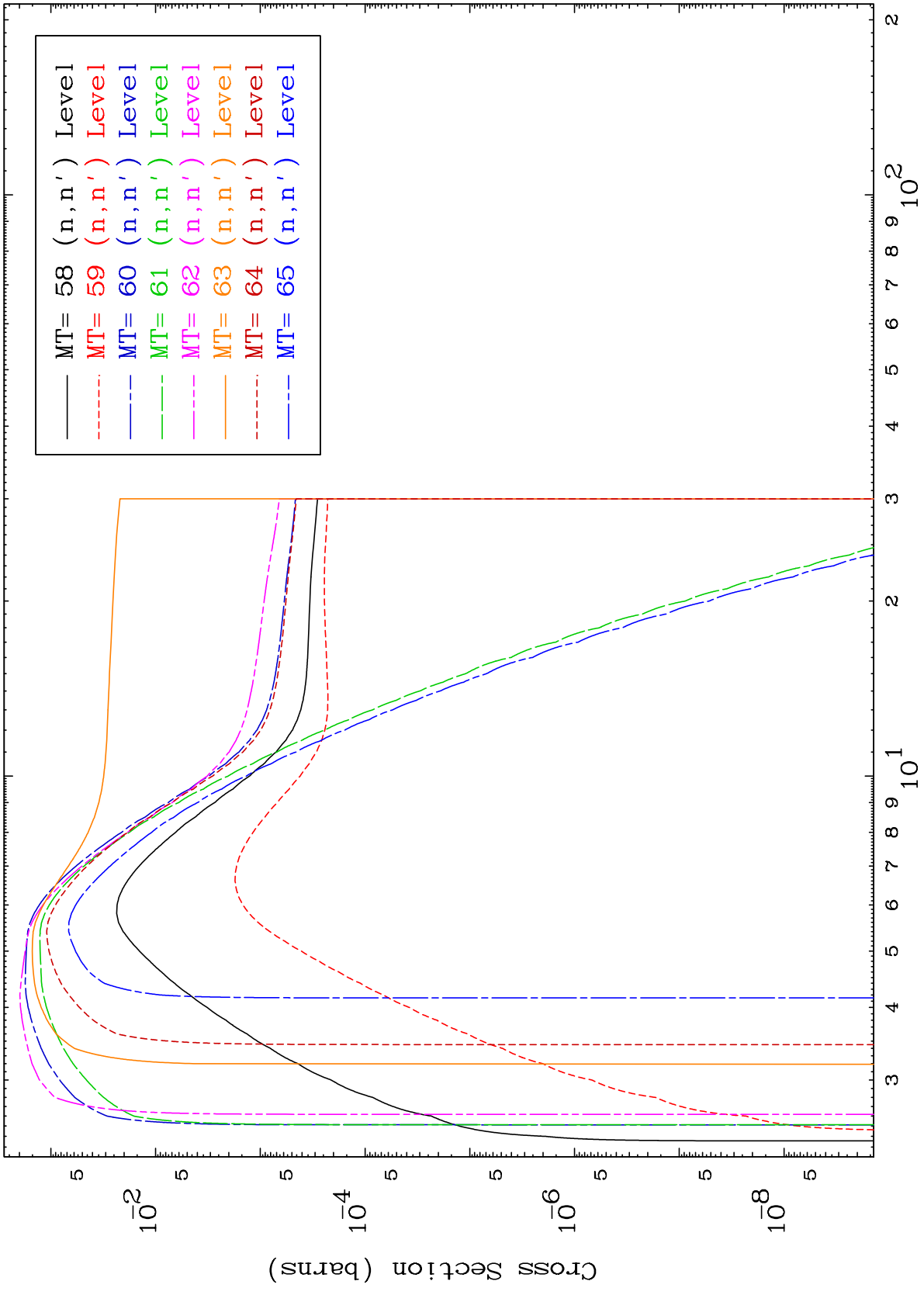
50-Sn-130

MAT 5079

(n,n') Level

293 Kelvin Cross Sections

50-Sn-130



6

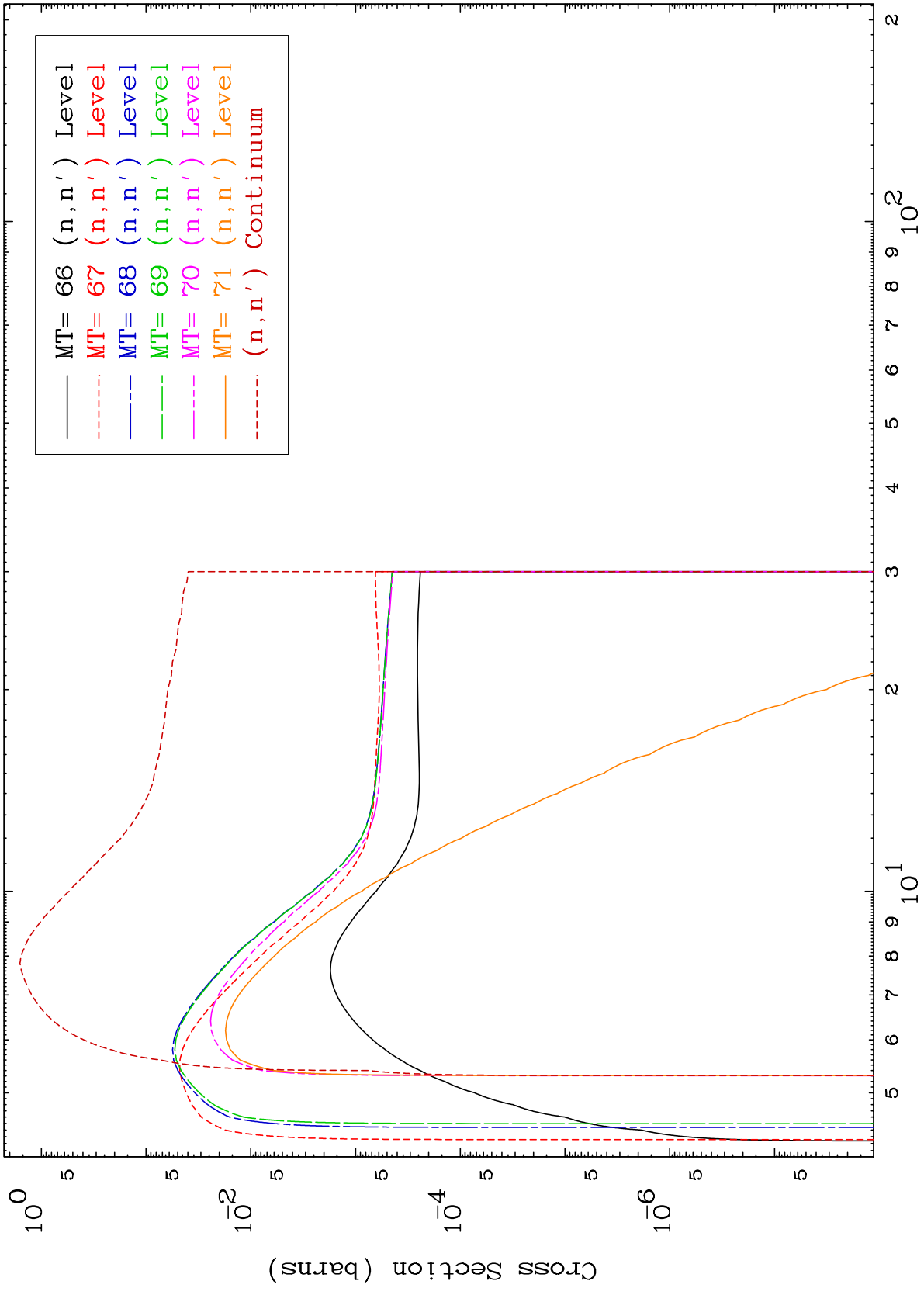
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,n') Level
293 Kelvin Cross Sections

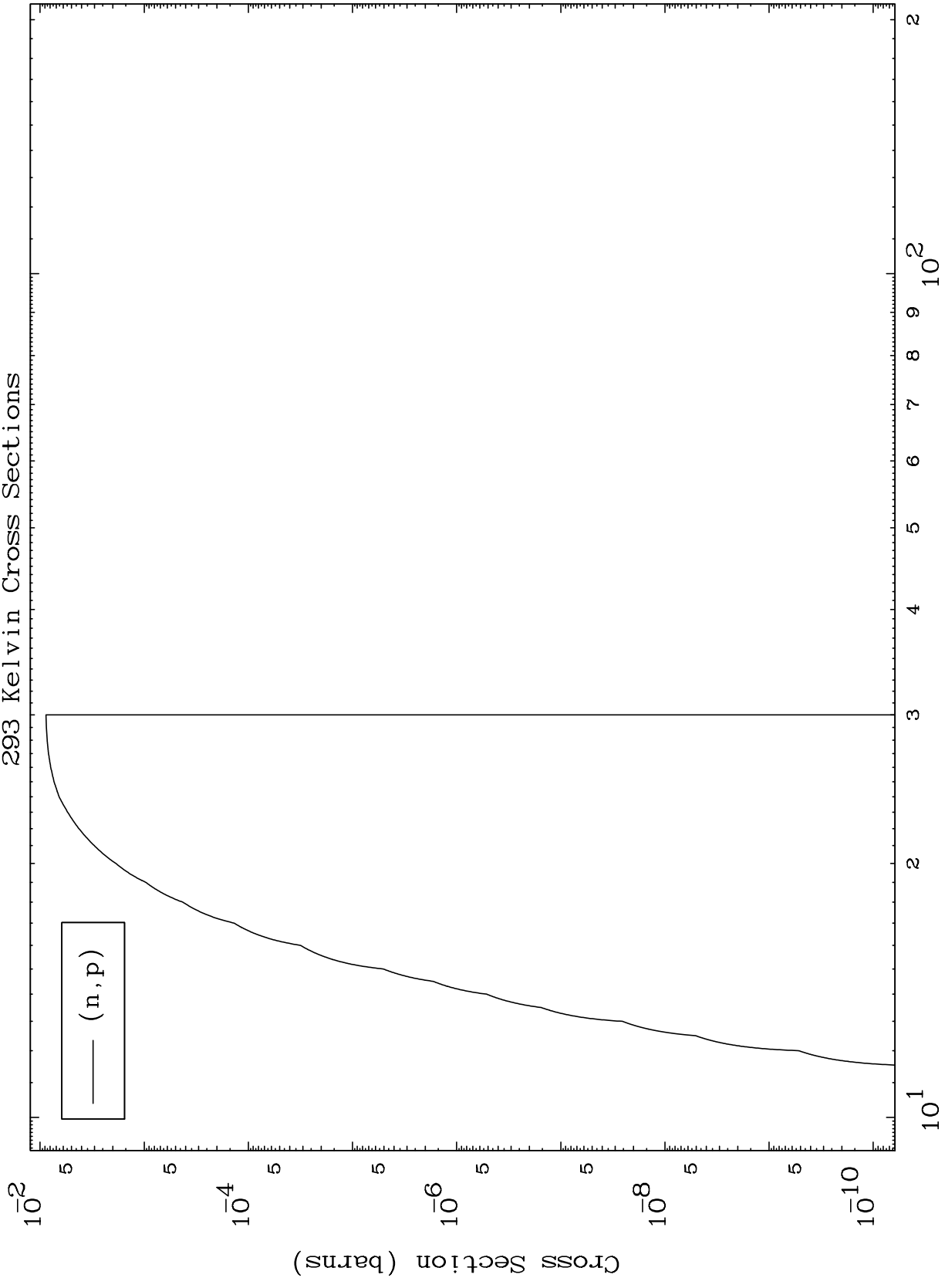
50-Sn-130



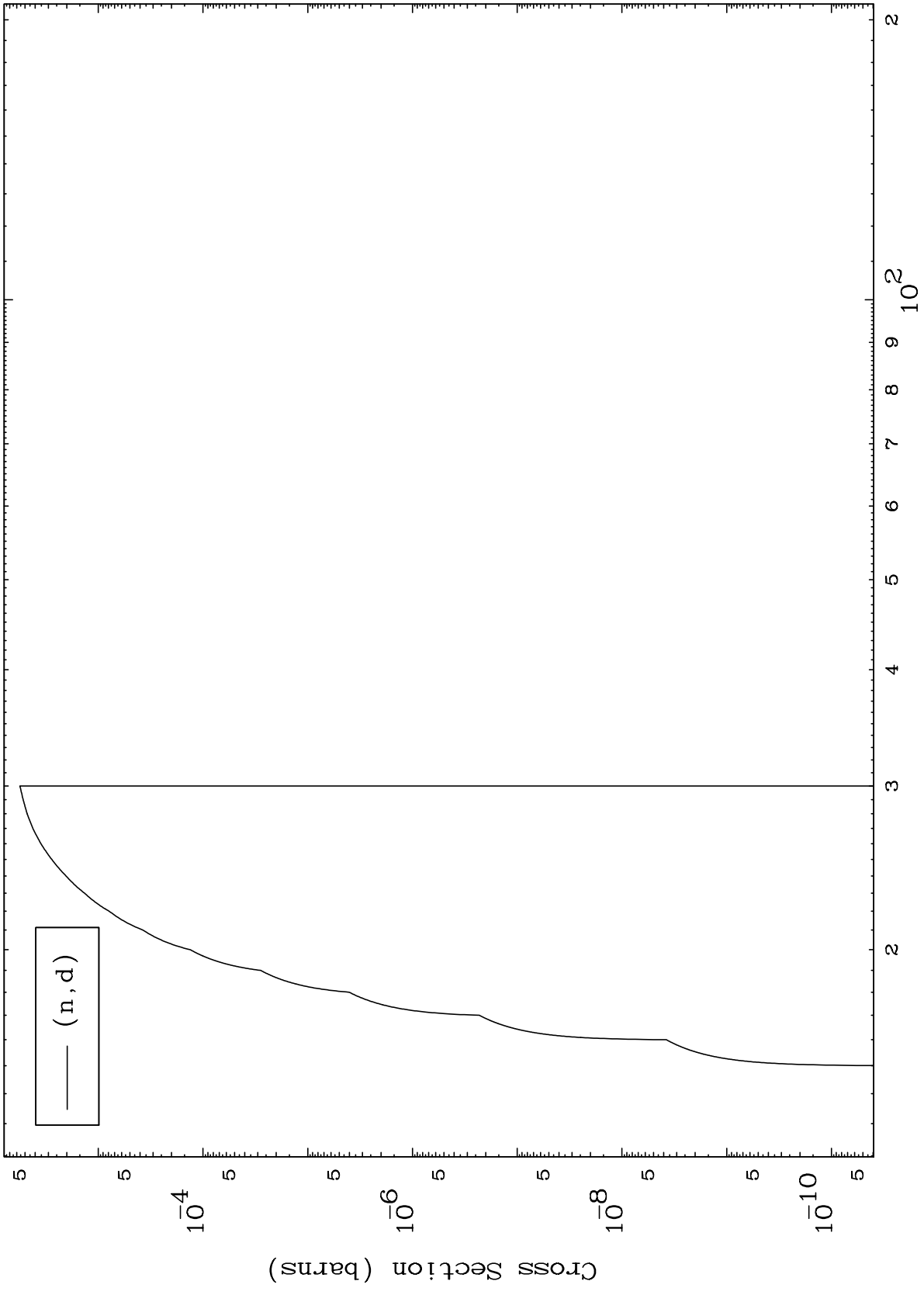
MAT 5079

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130



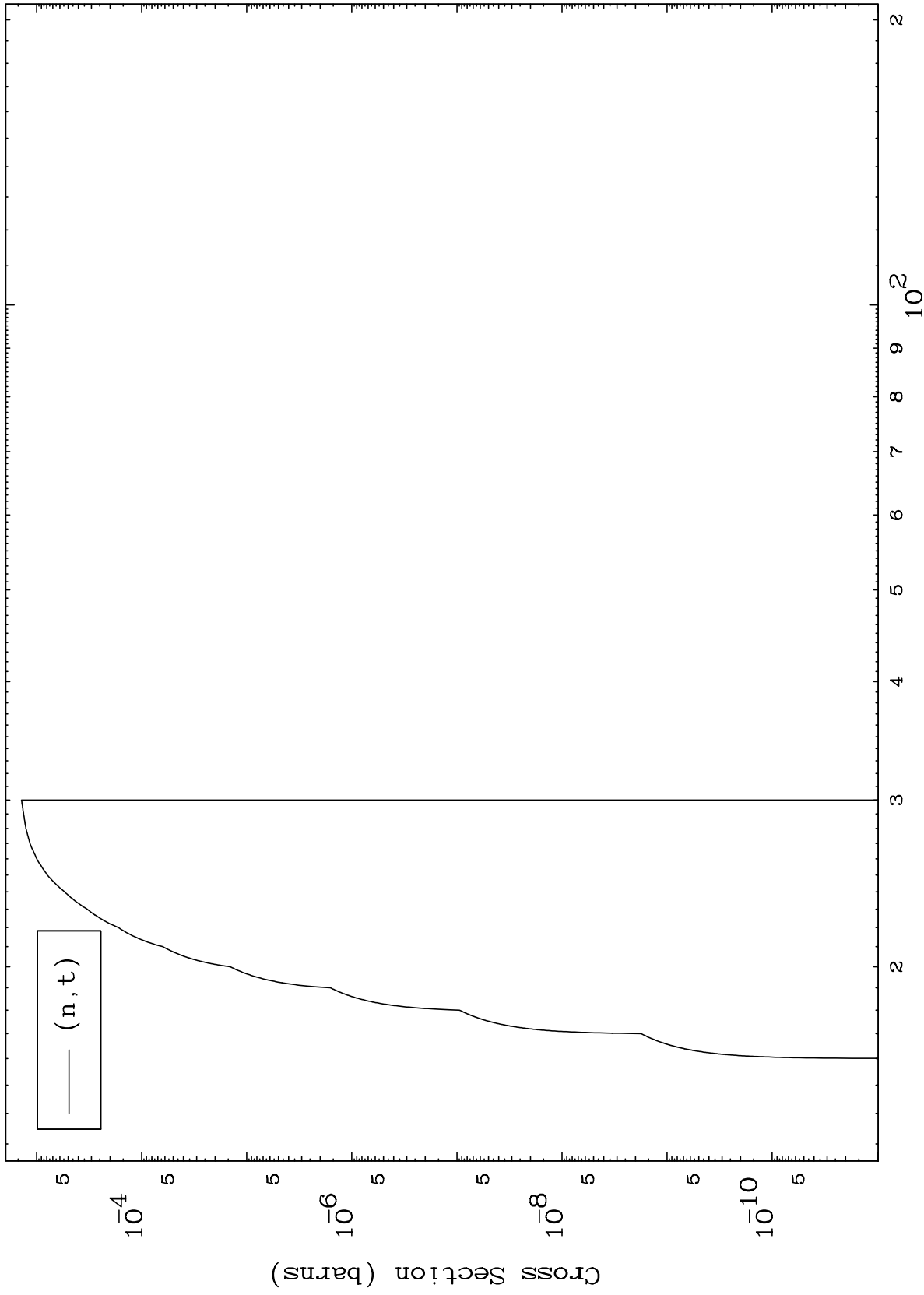
50-Sn-130



MAT 5079

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



10

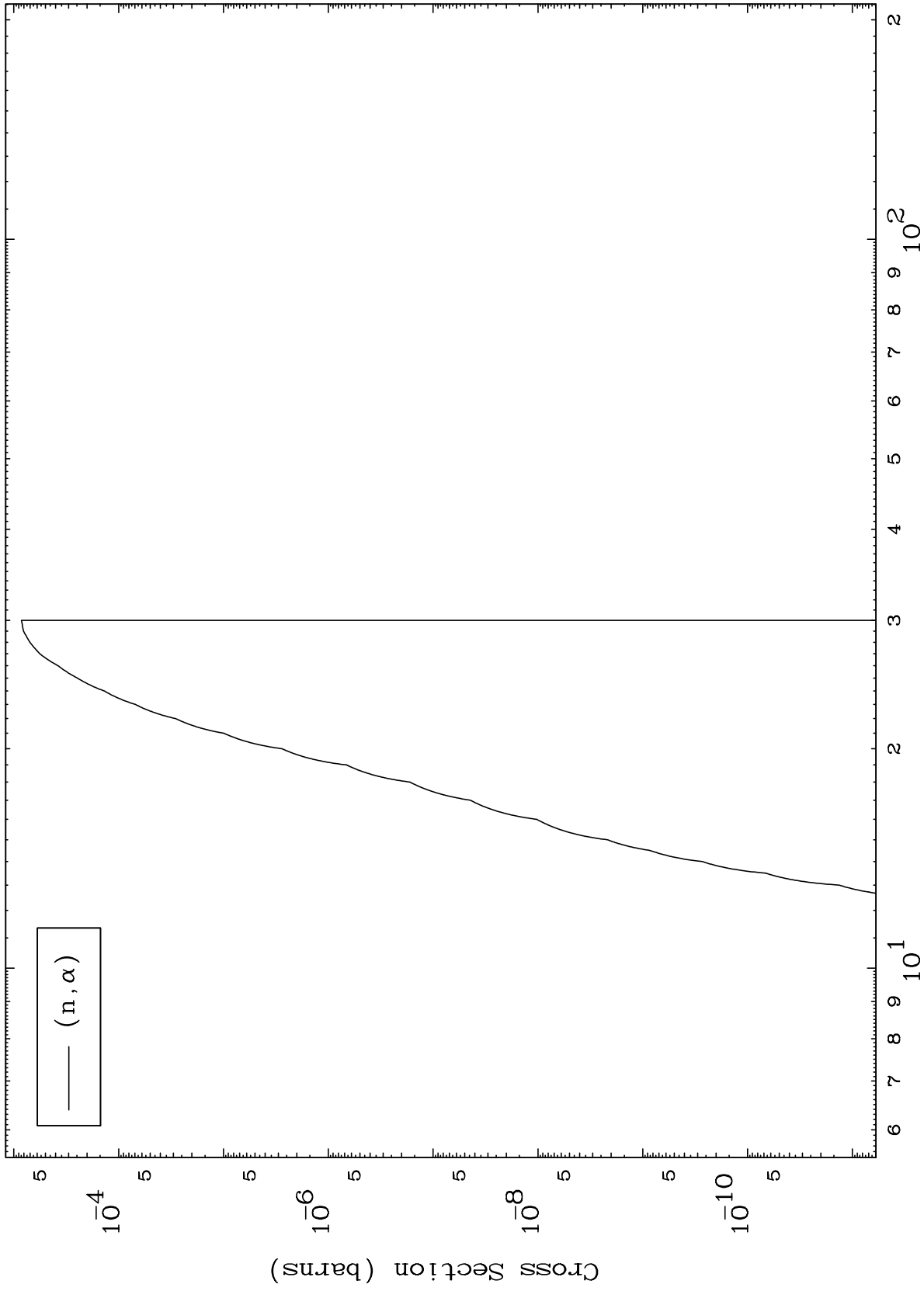
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,α) Levels
293 Kelvin Cross Sections

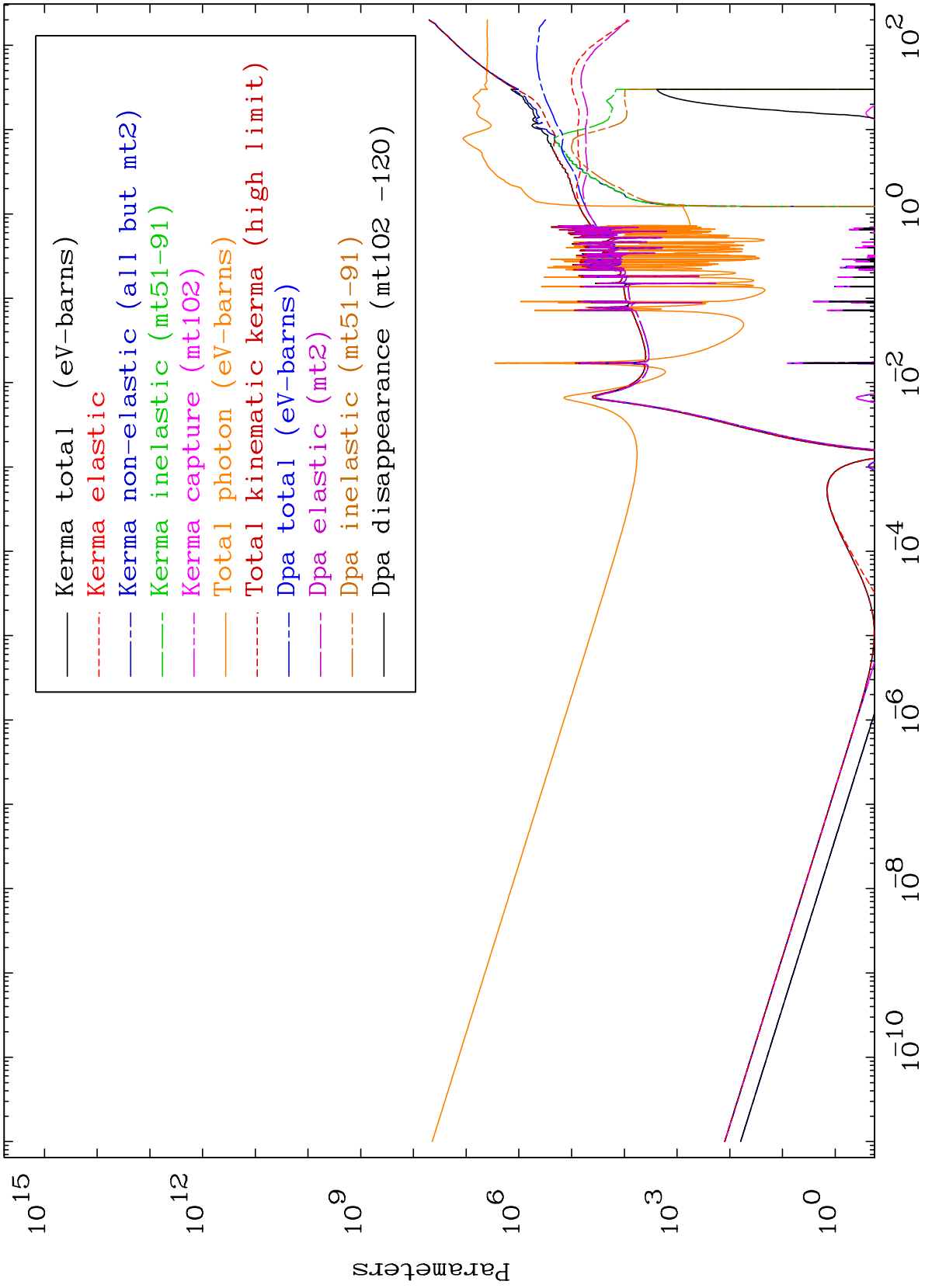
50-Sn-130

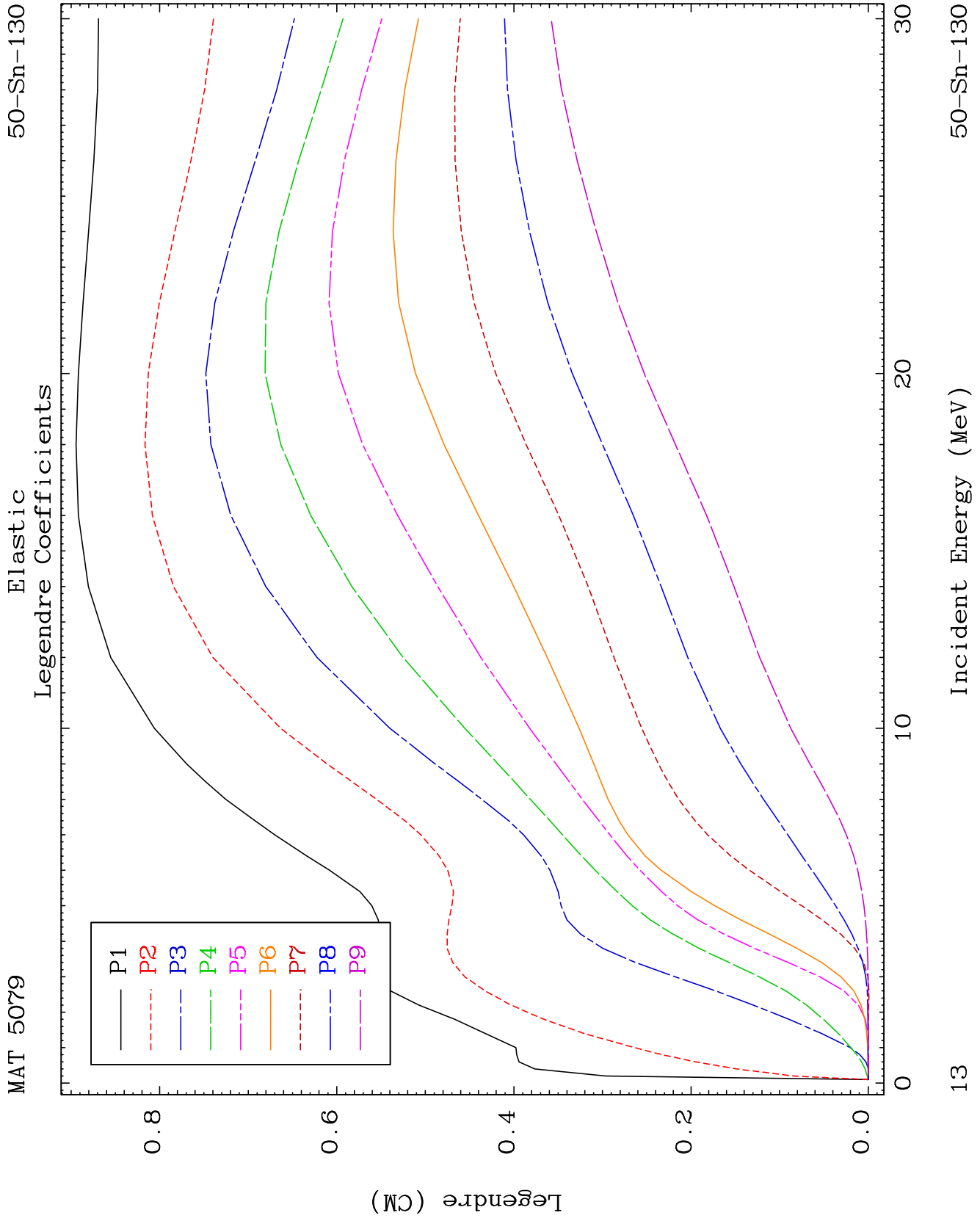


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Incident Energy (MeV)

50-Sn-130

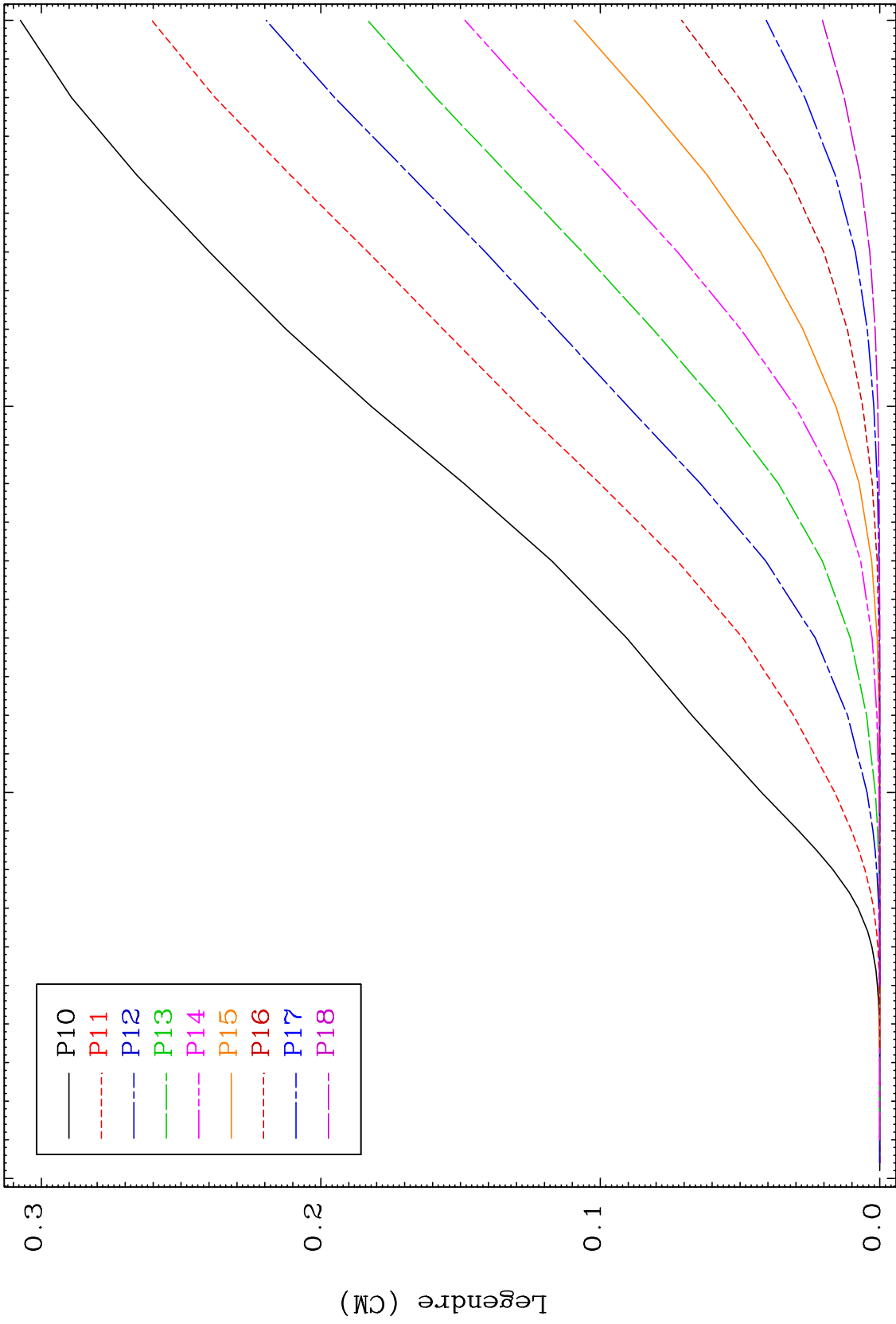




MAT 5079

Elastic Legendre Coefficients

50-Sn-130



14

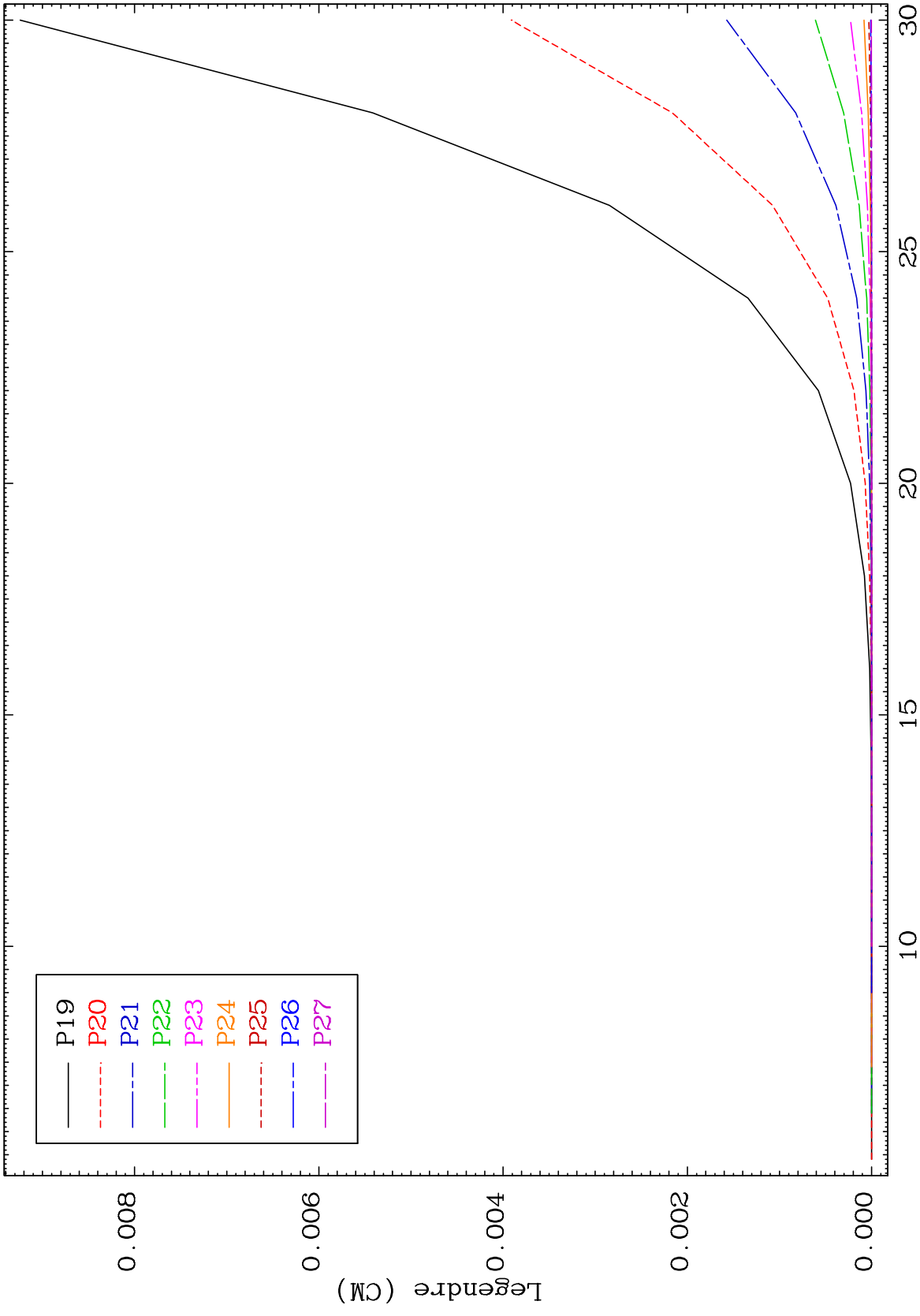
Incident Energy (MeV)

50-Sn-130

MAT 5079

Elastic Legendre Coefficients

50-Sn-130



15

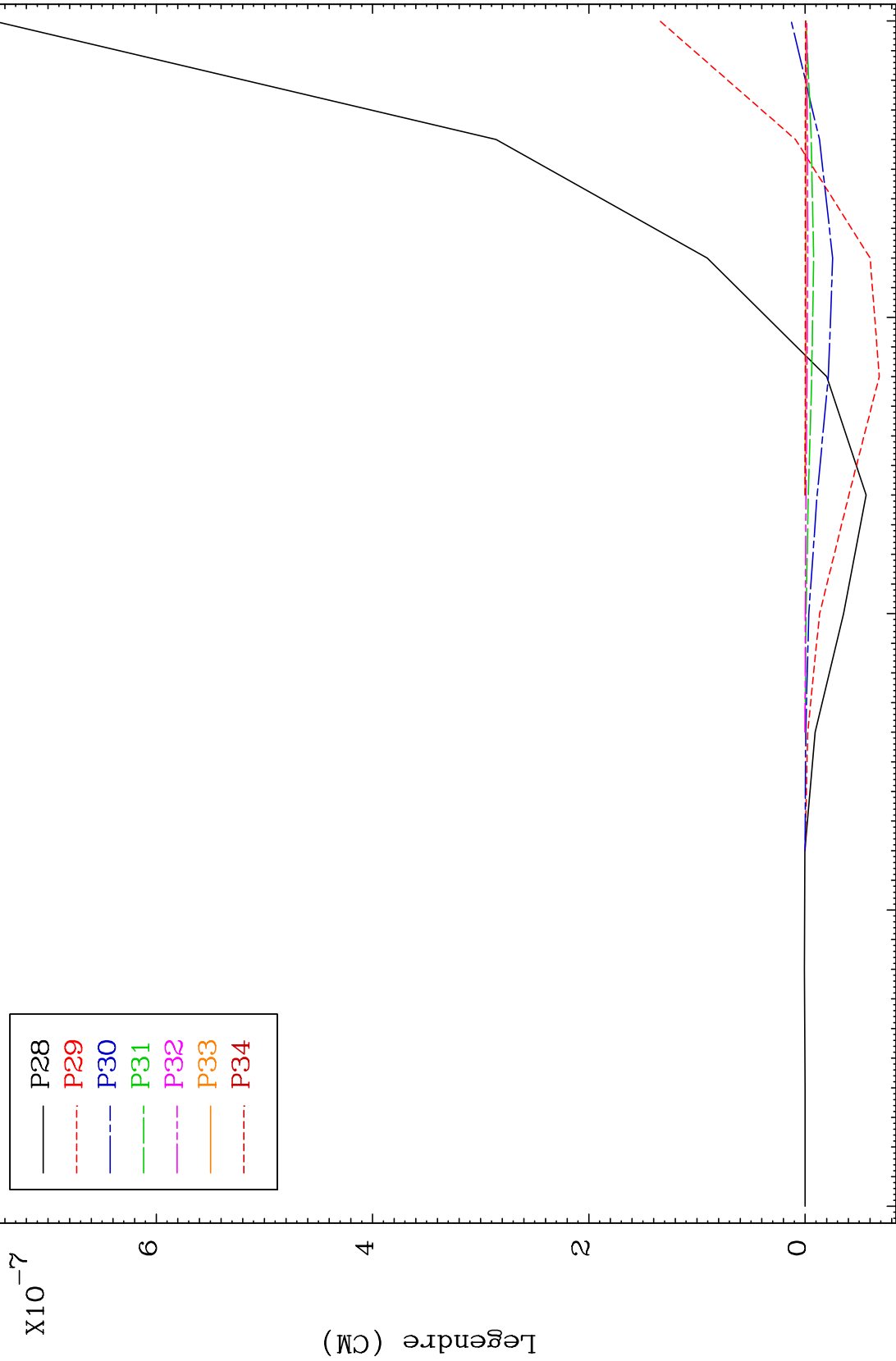
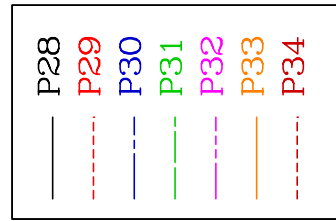
Incident Energy (MeV)

50-Sn-130

MAT 5079

Elastic
Legendre Coefficients

50-Sn-130



10

15

20

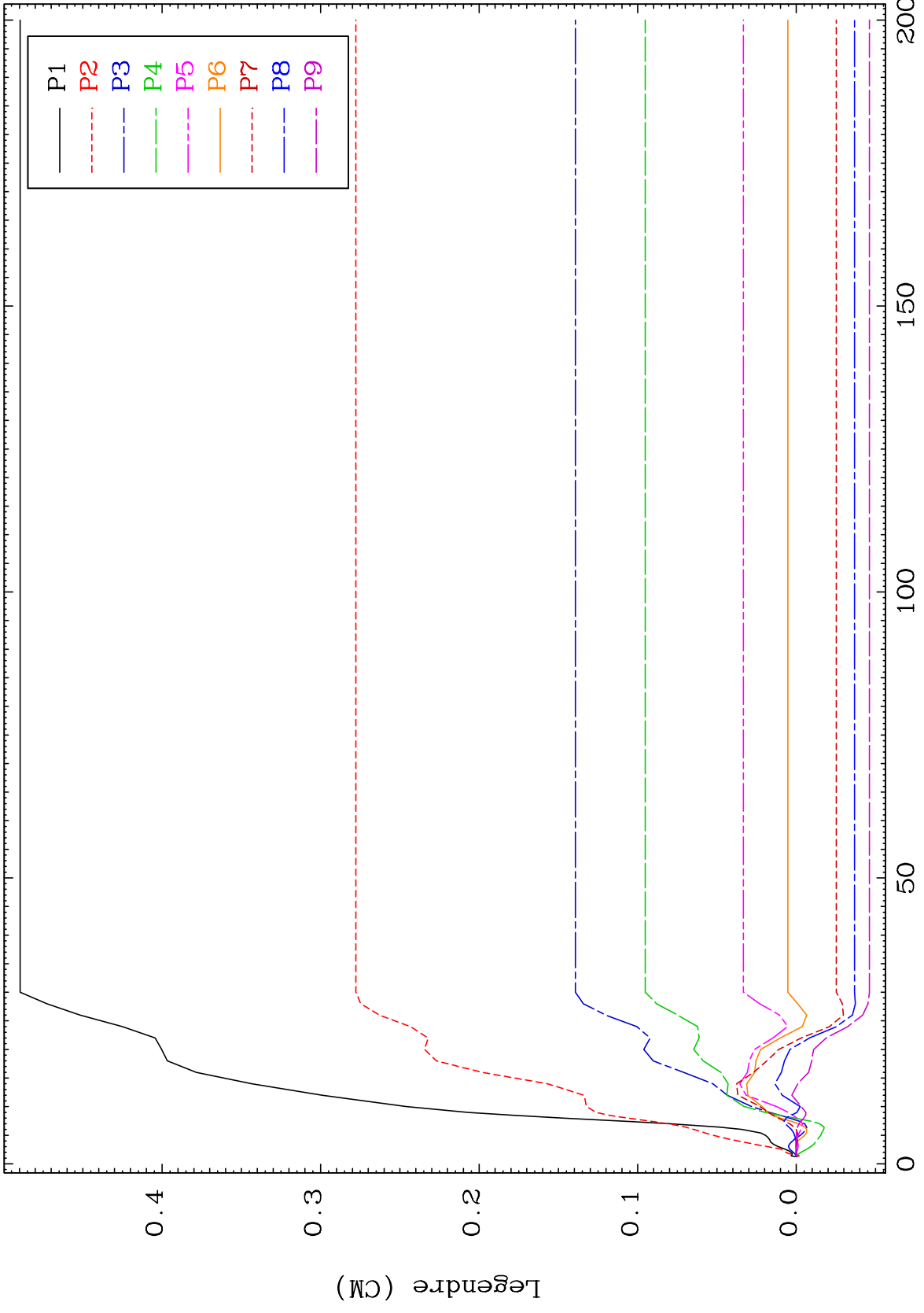
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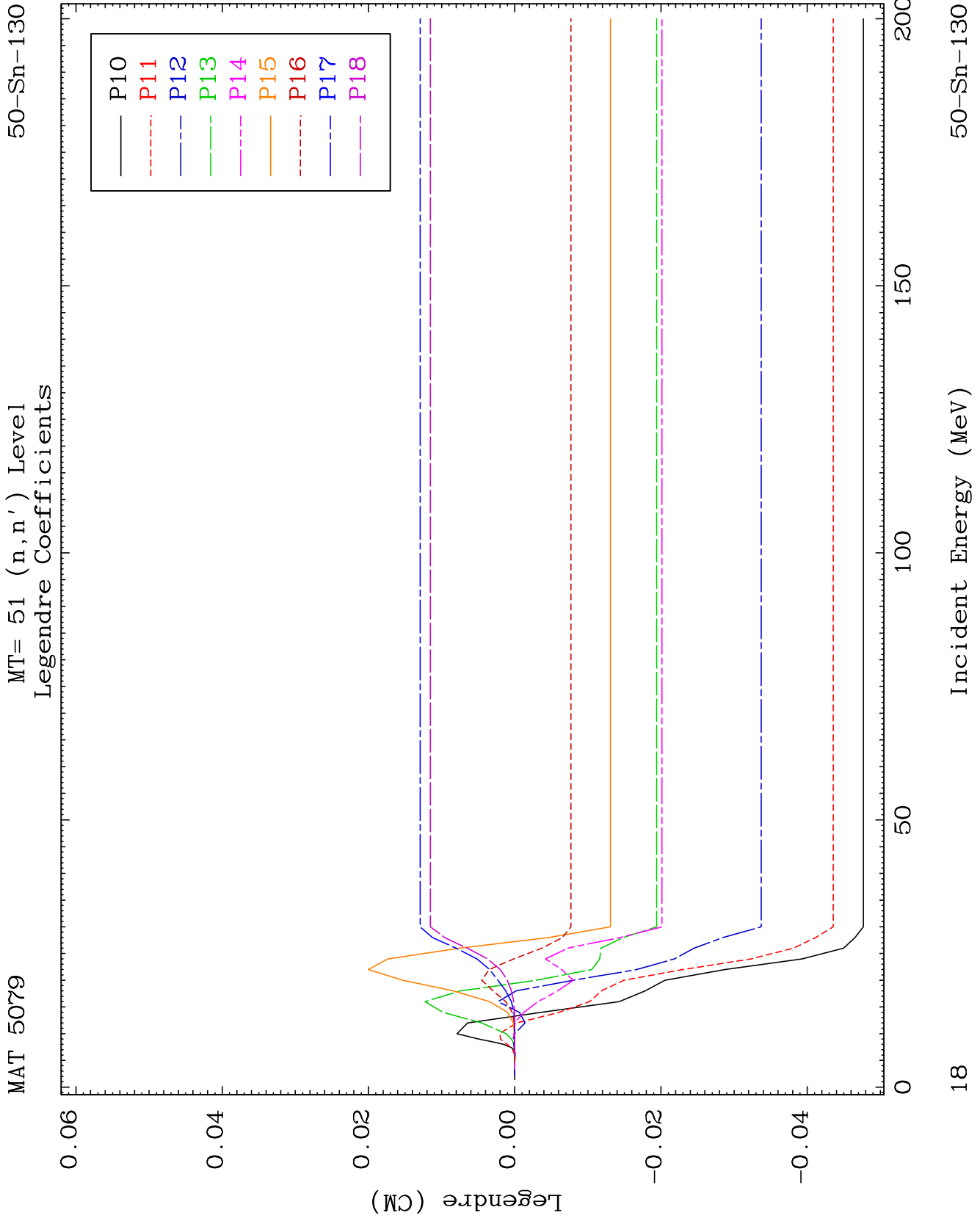
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Incident Energy (MeV)

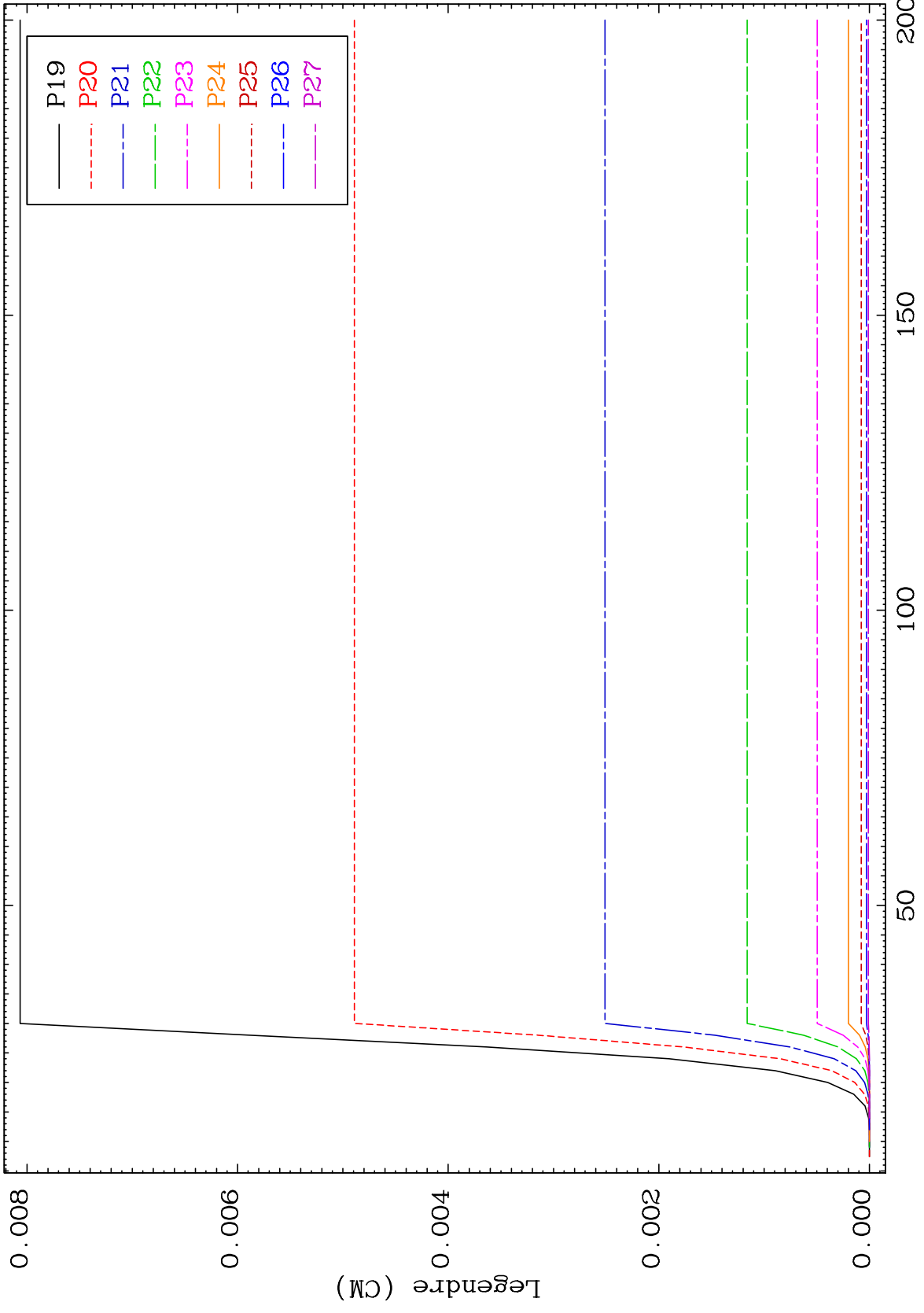
50-Sn-130

MAT 5079 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-130

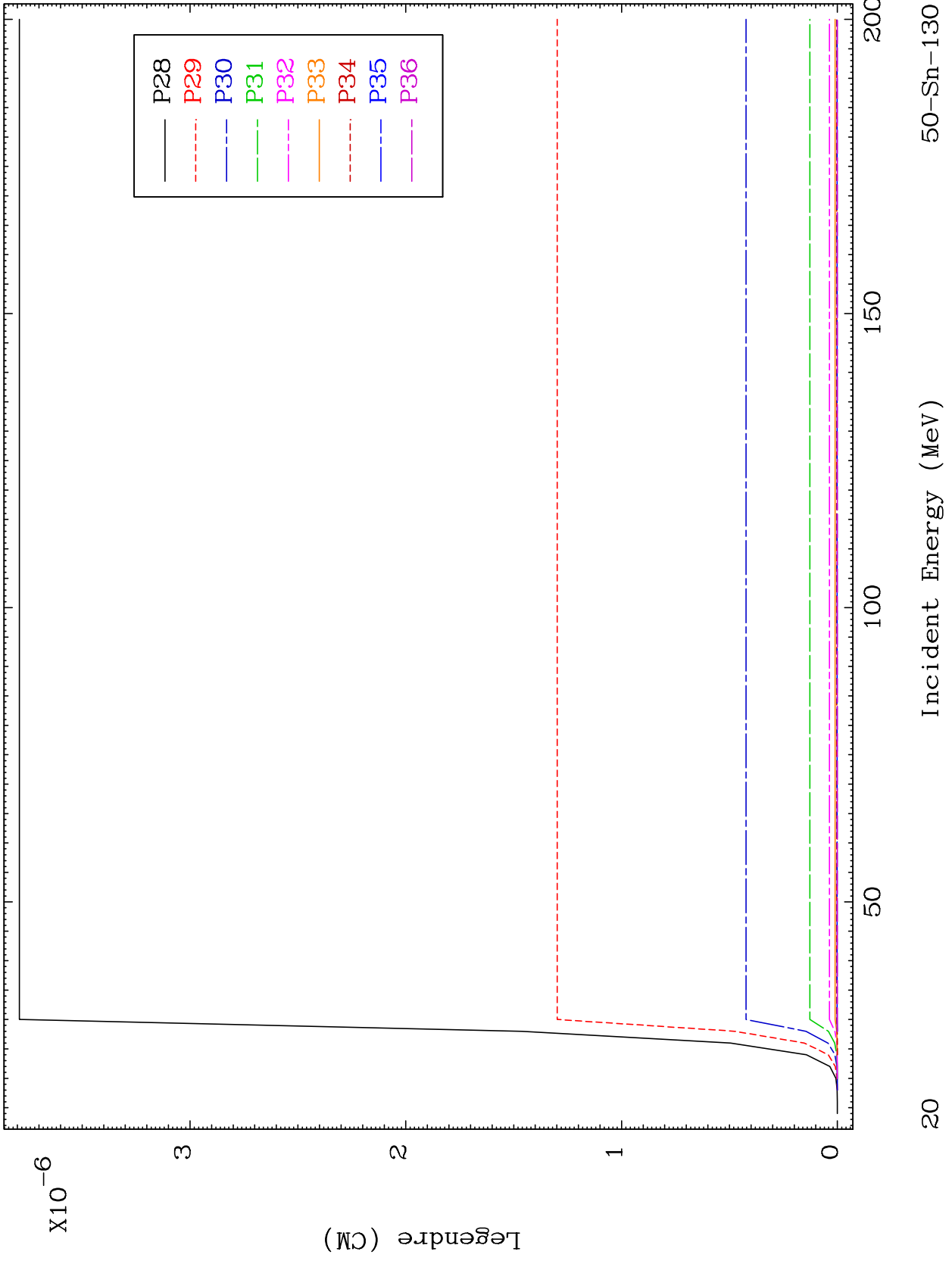




MAT 5079 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-130

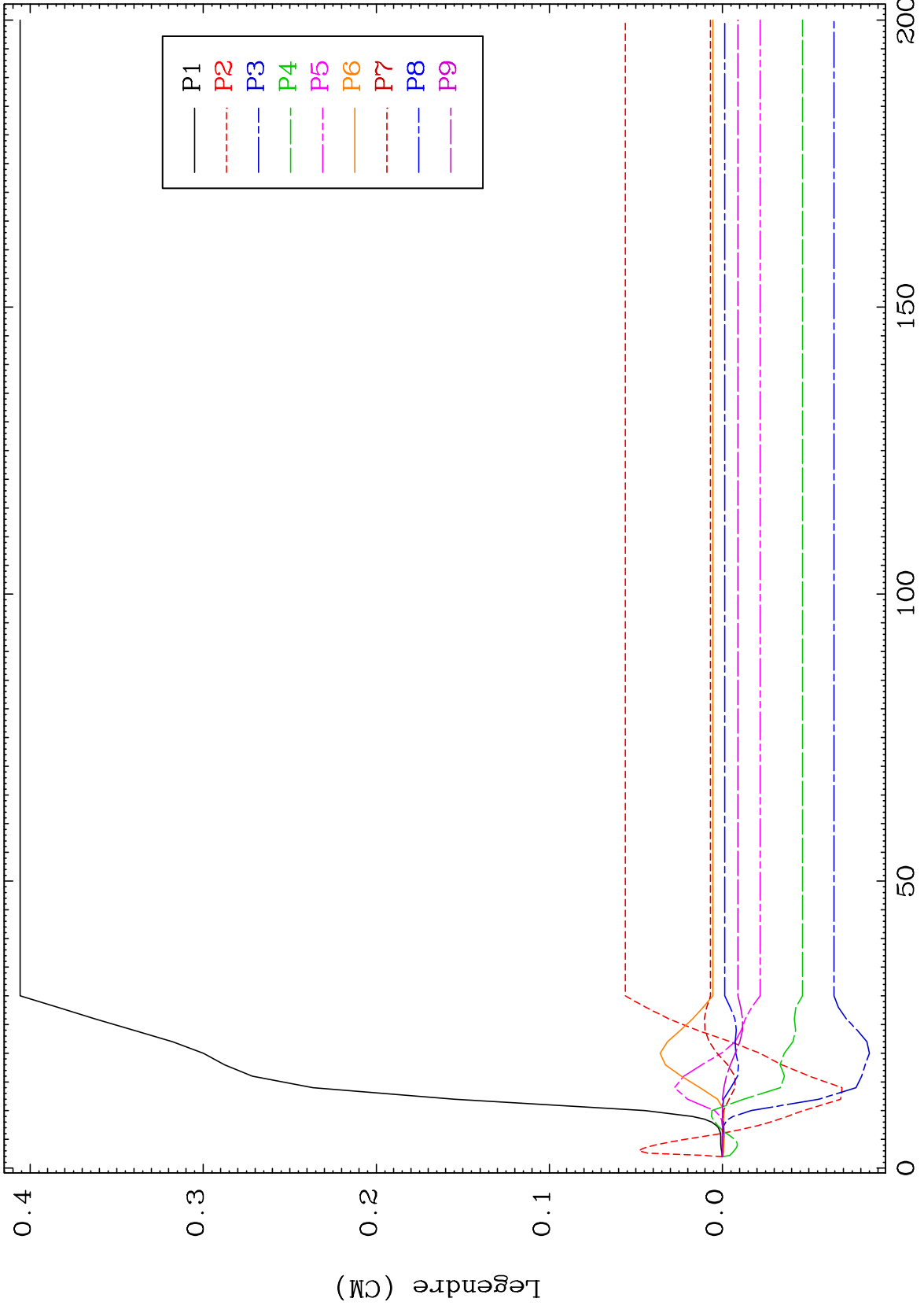


MAT 5079 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-130



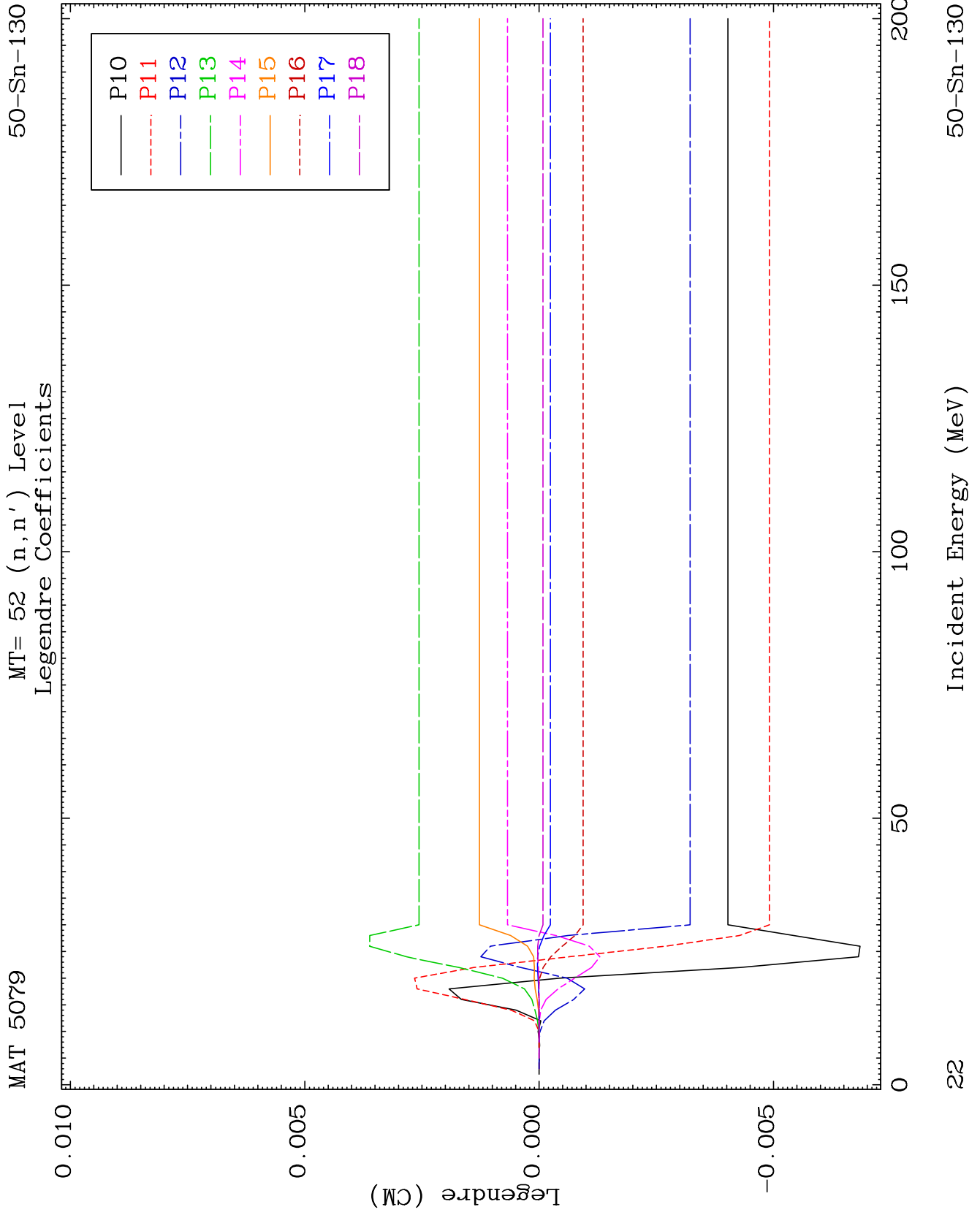
MAT 5079 MT= 52 (n,n') Level Legendre Coefficients

50-Sn-130

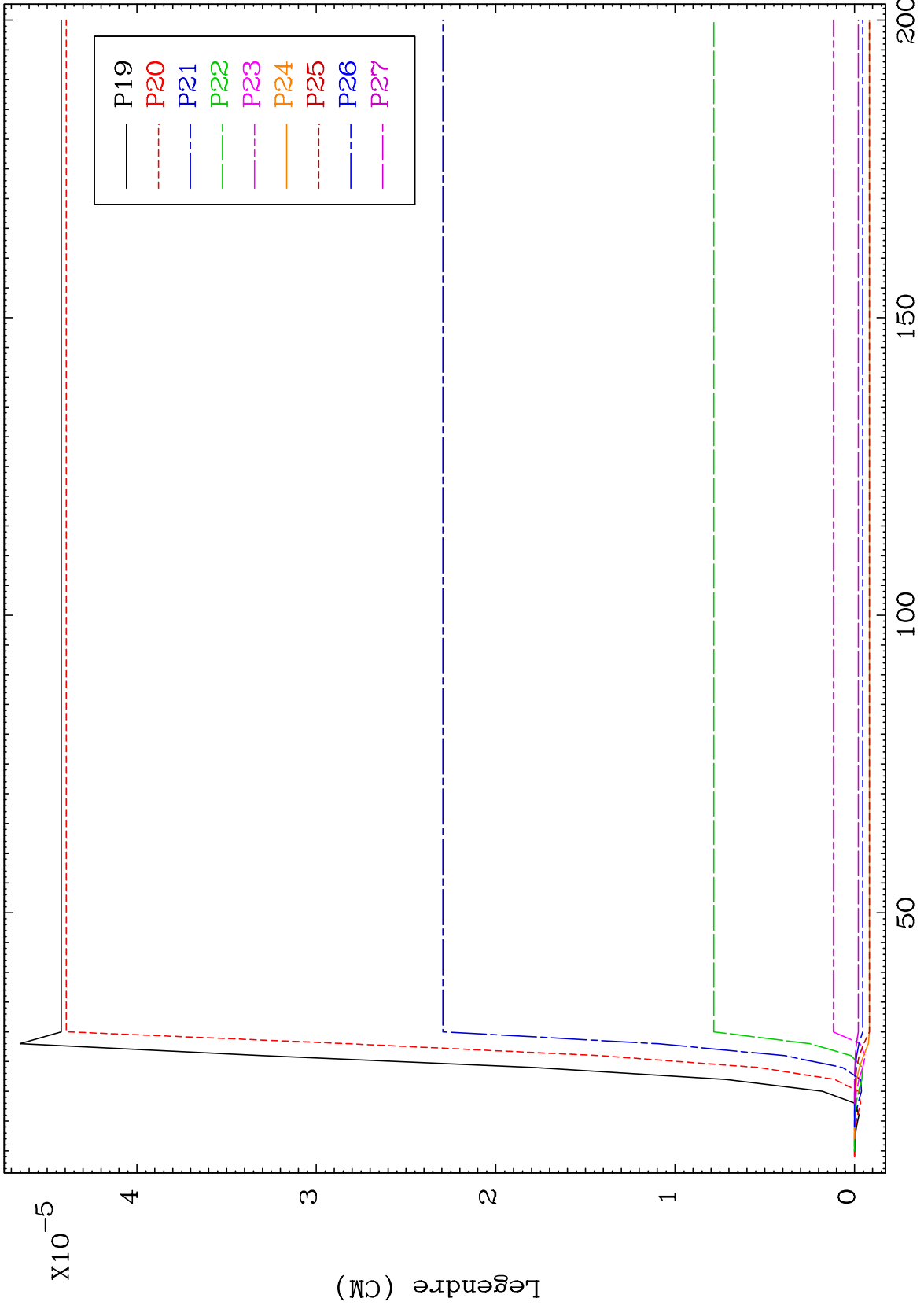


50-Sn-130

Incident Energy (MeV)

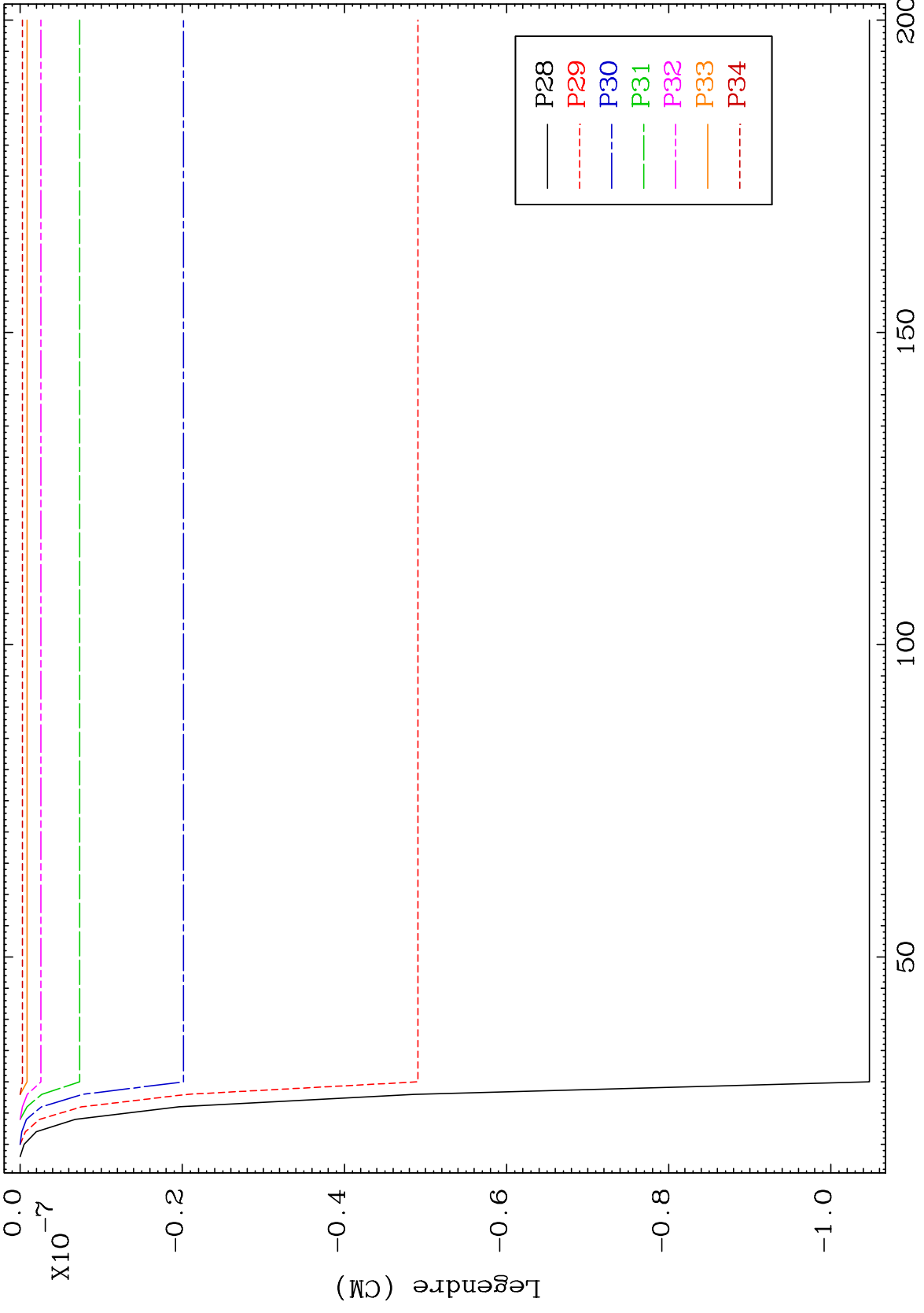


MAT 5079 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-130

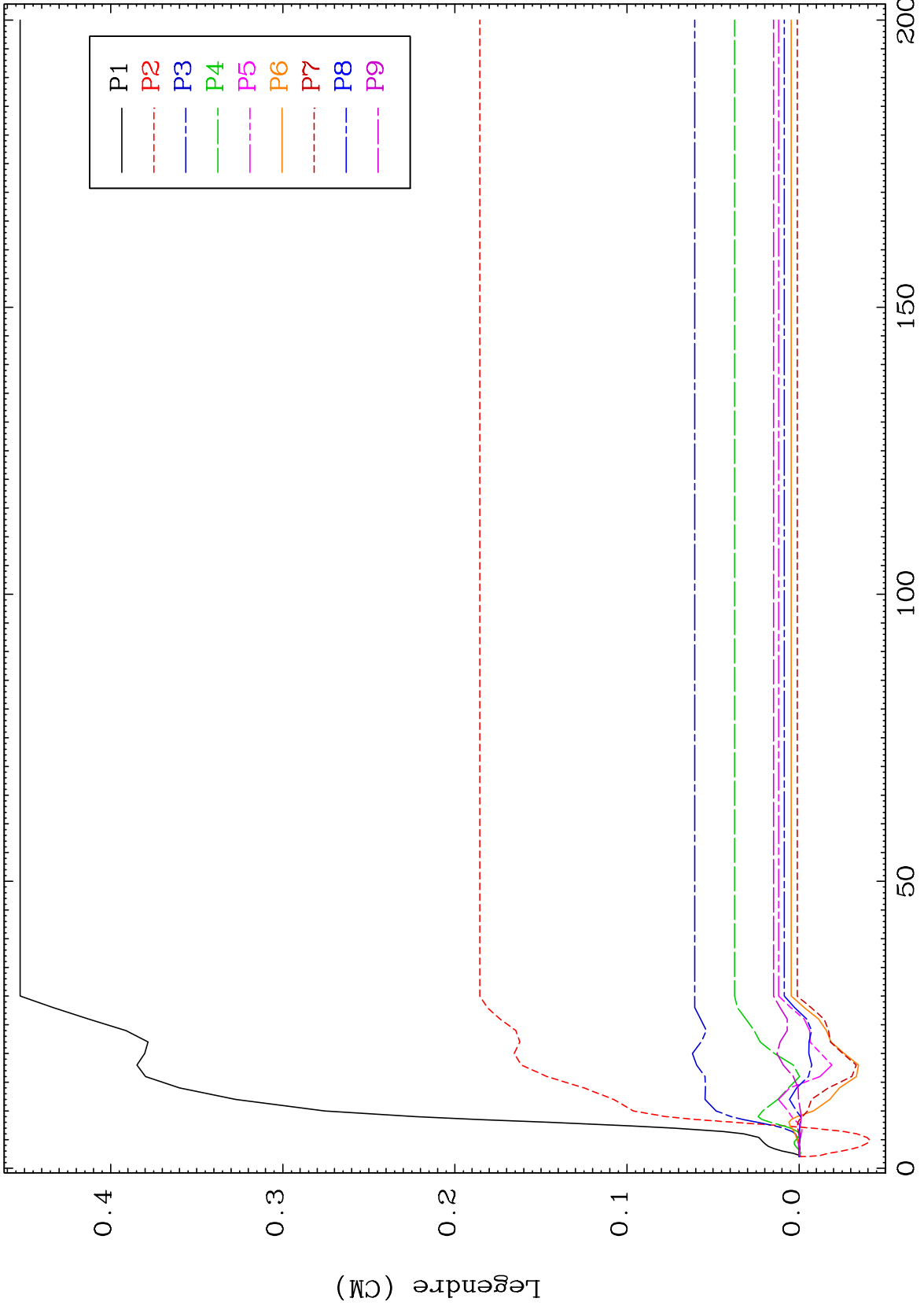


Legendre (CM) X10⁻⁵ Incident Energy (MeV) 50-Sn-130

MAT 5079 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-130

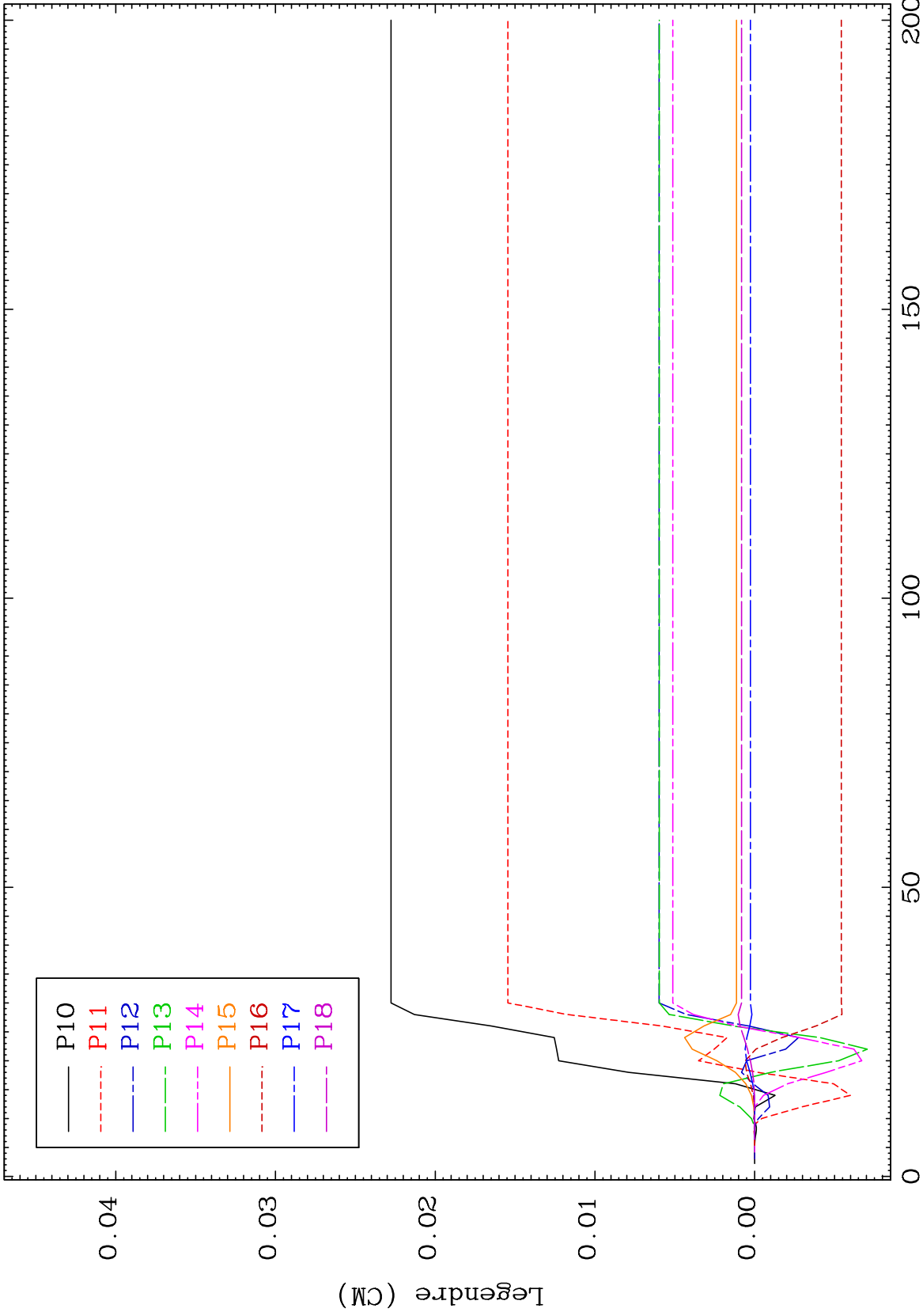


Legendre (CM) Incident Energy (MeV) 50-Sn-130

MAT 5079

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

50-Sn-130



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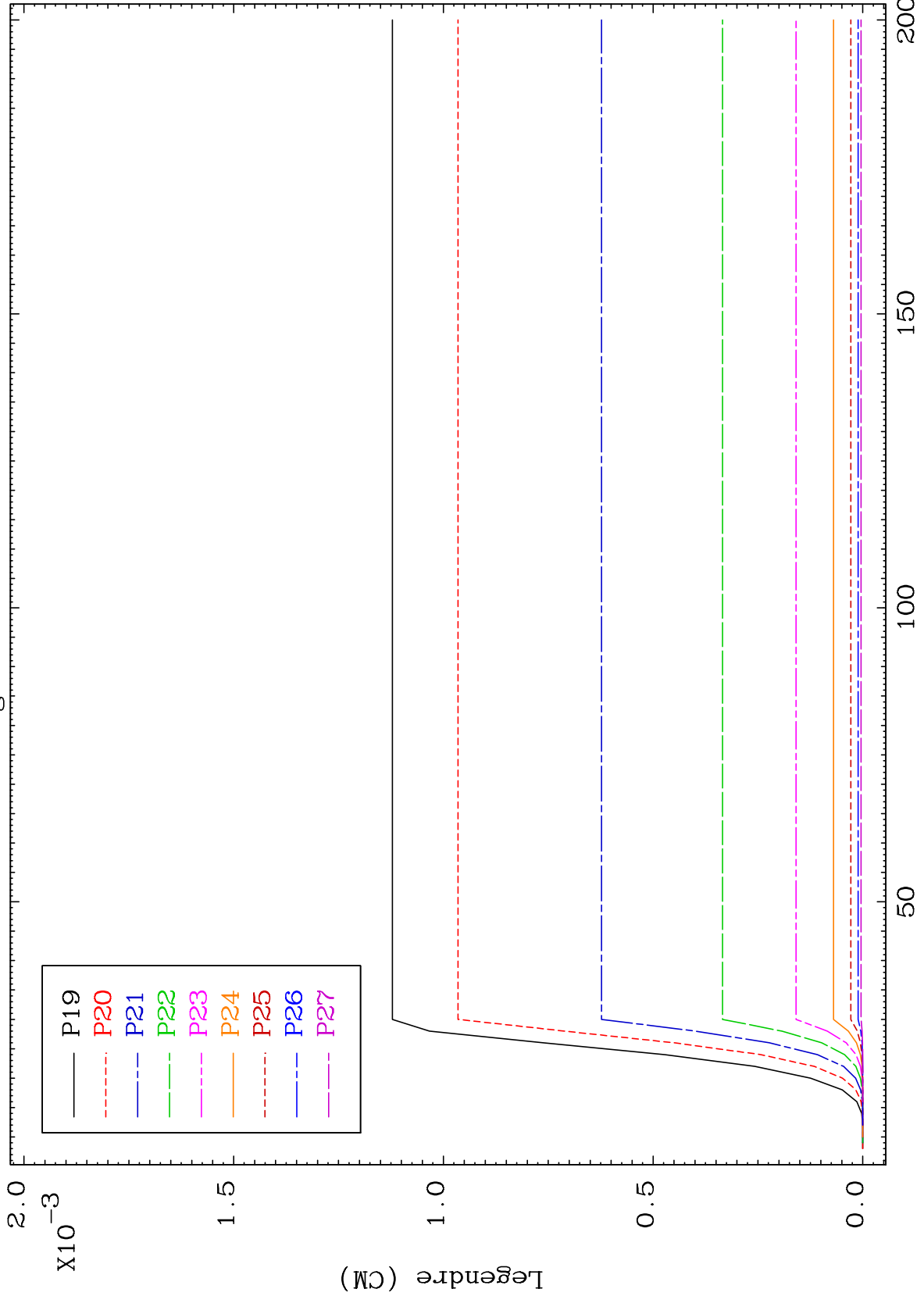
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130



27

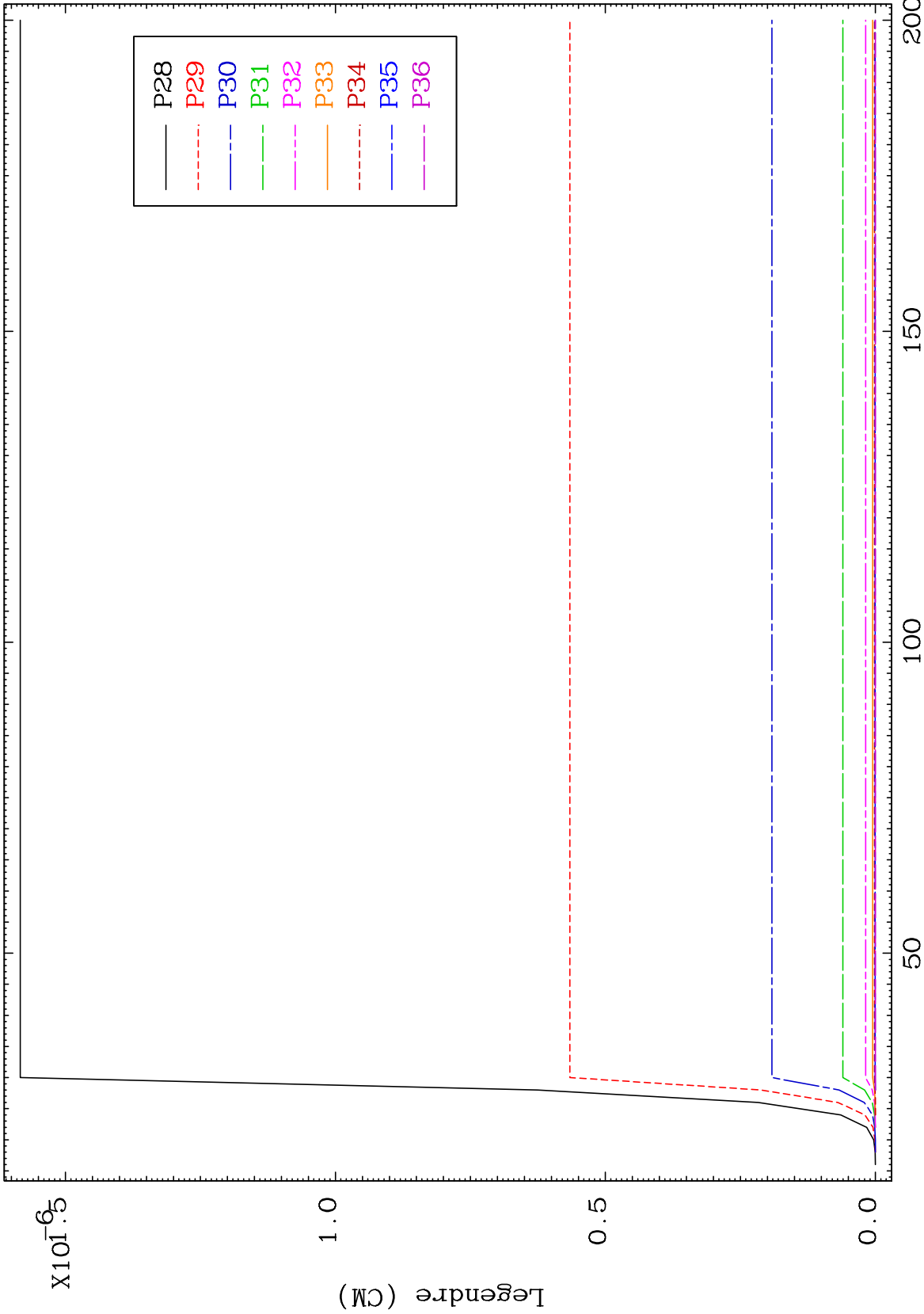
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130



28

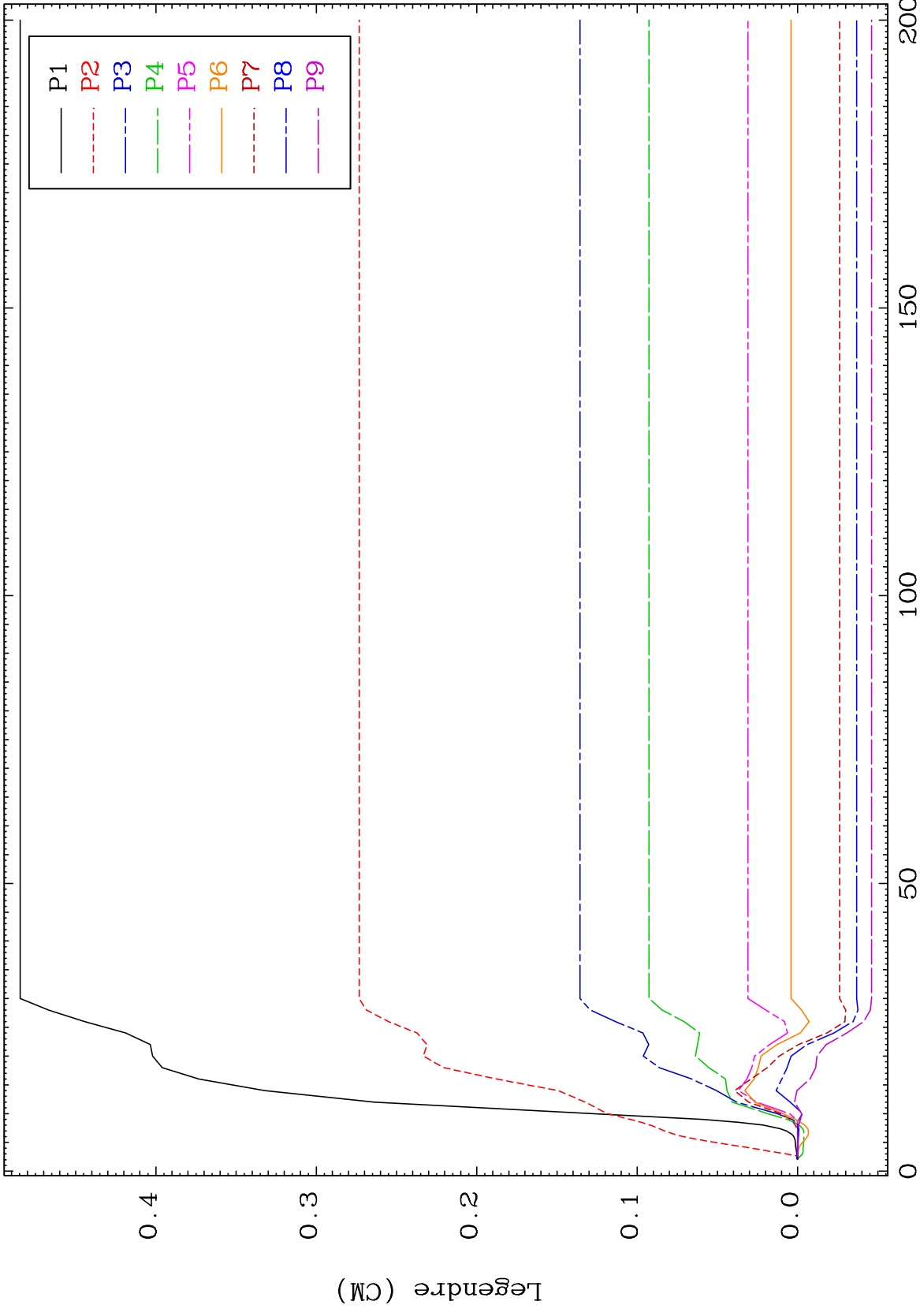
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

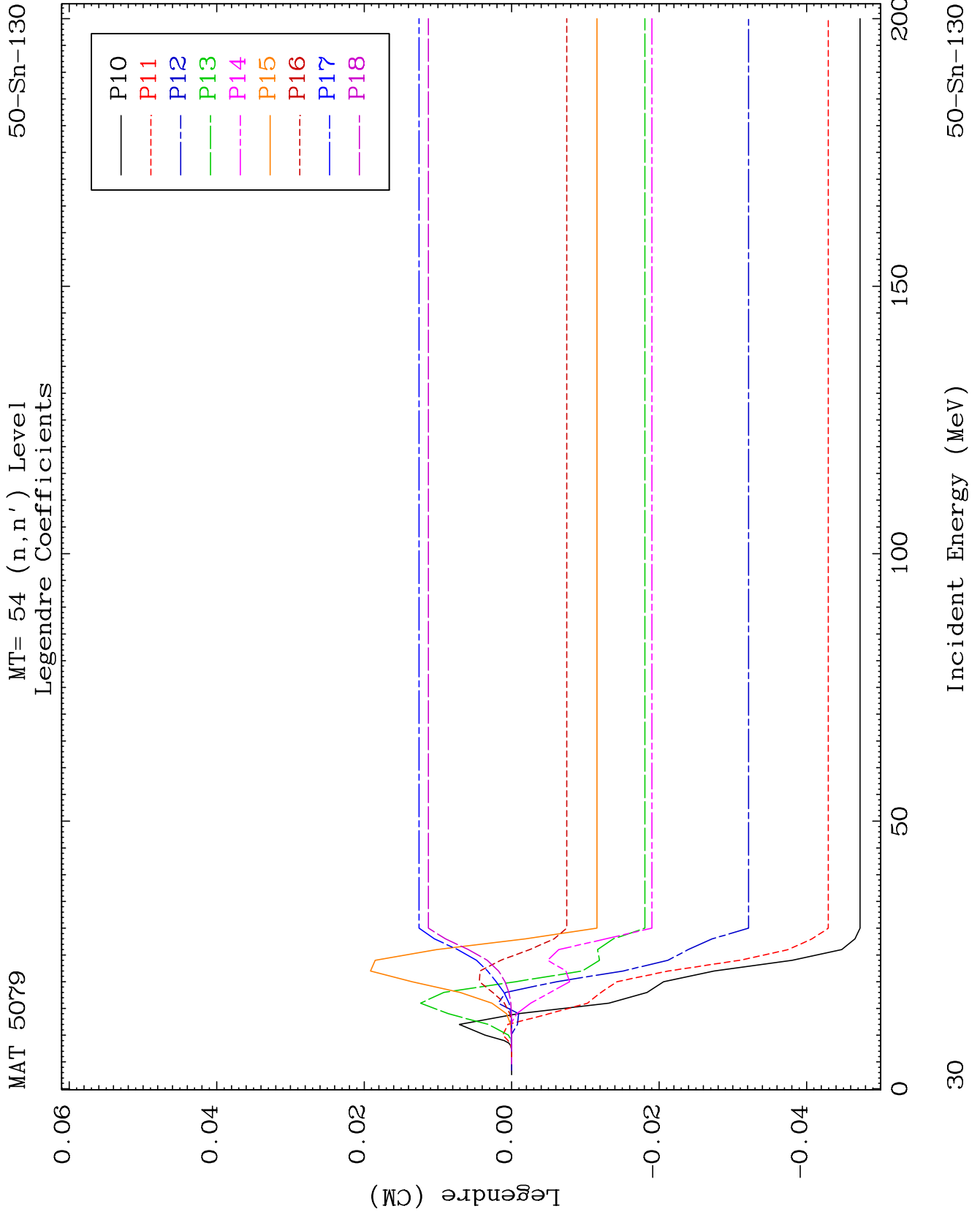
50-Sn-130



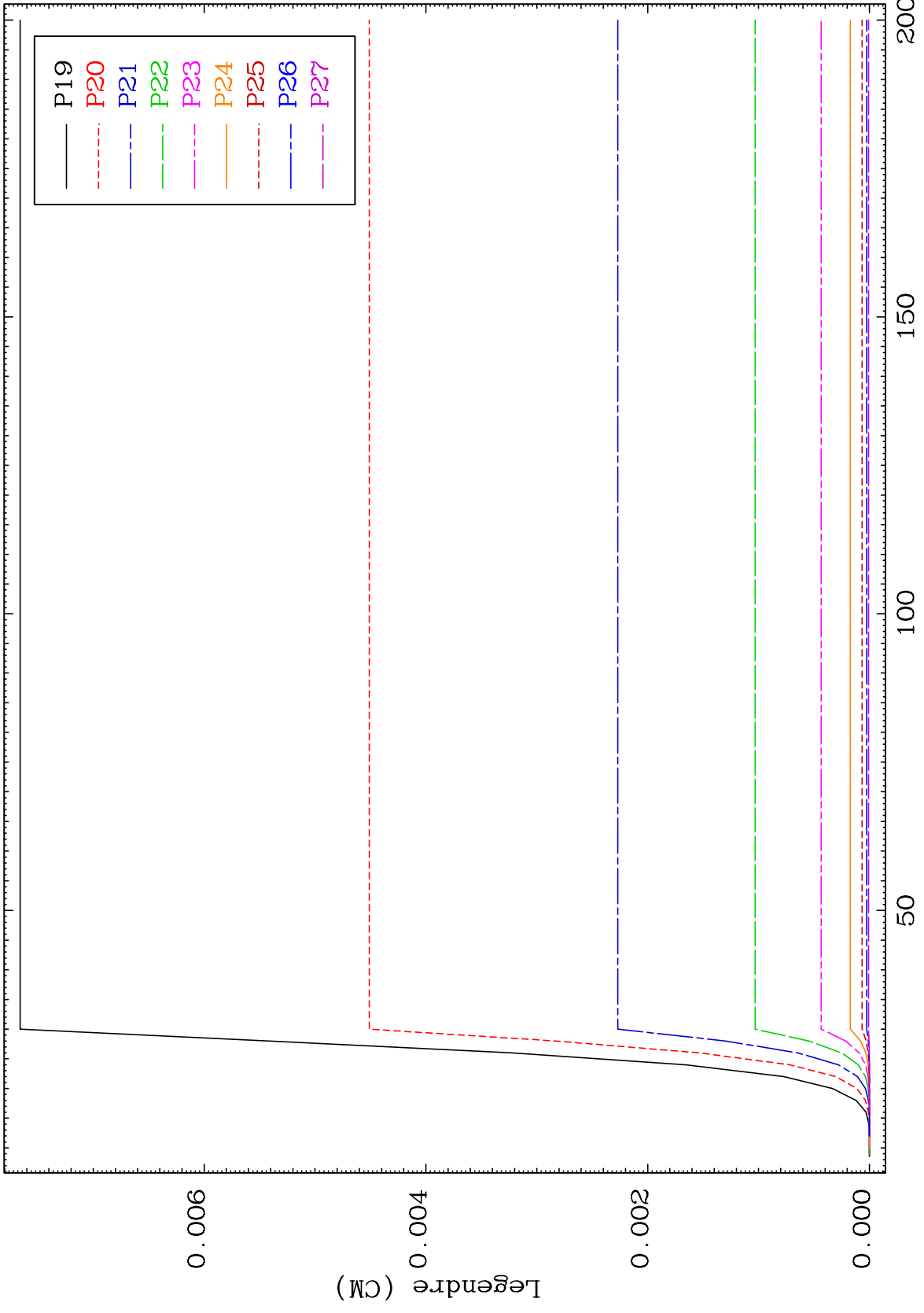
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Incident Energy (MeV)

50-Sn-130



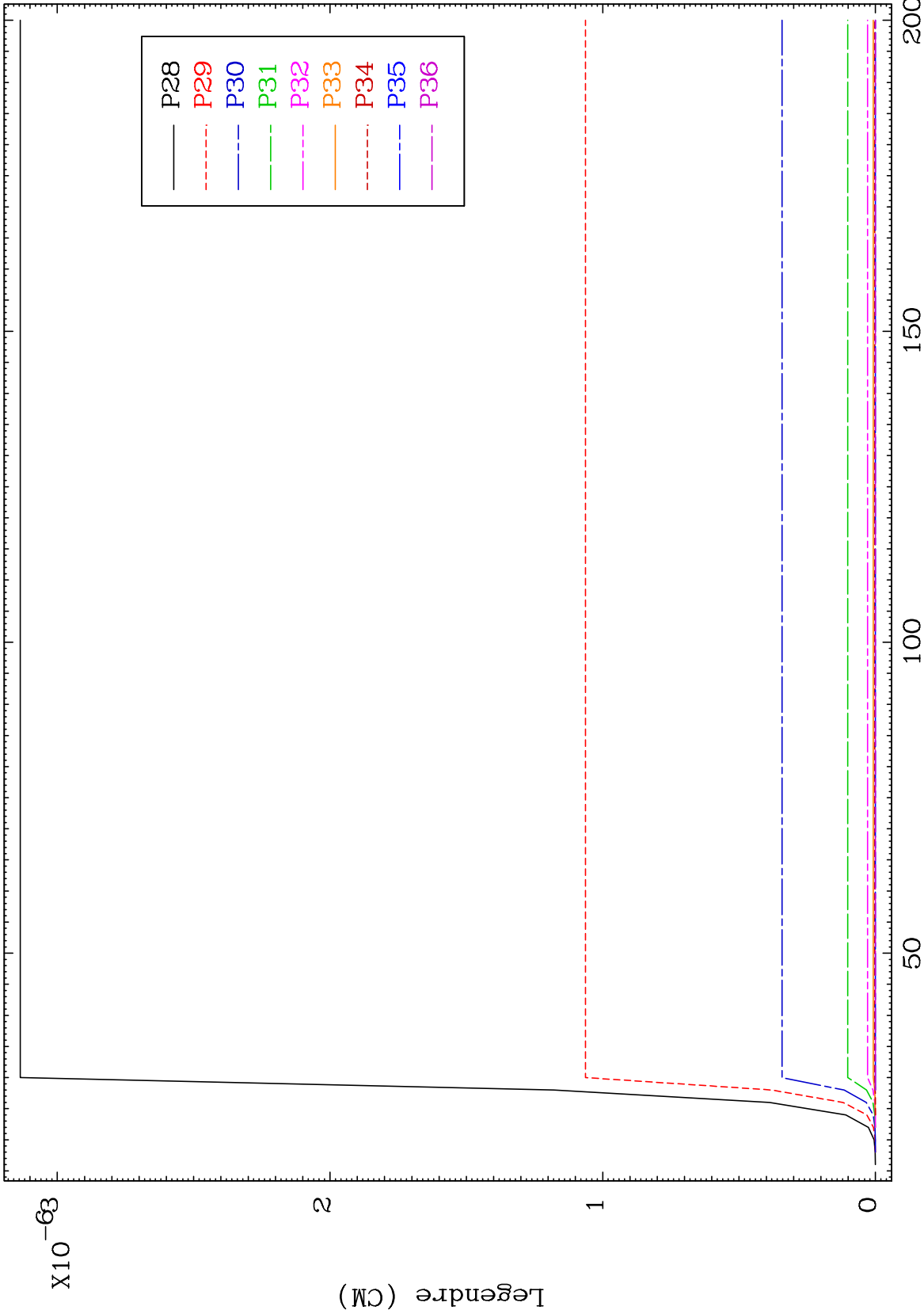
MAT 5079 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

50-Sn-130

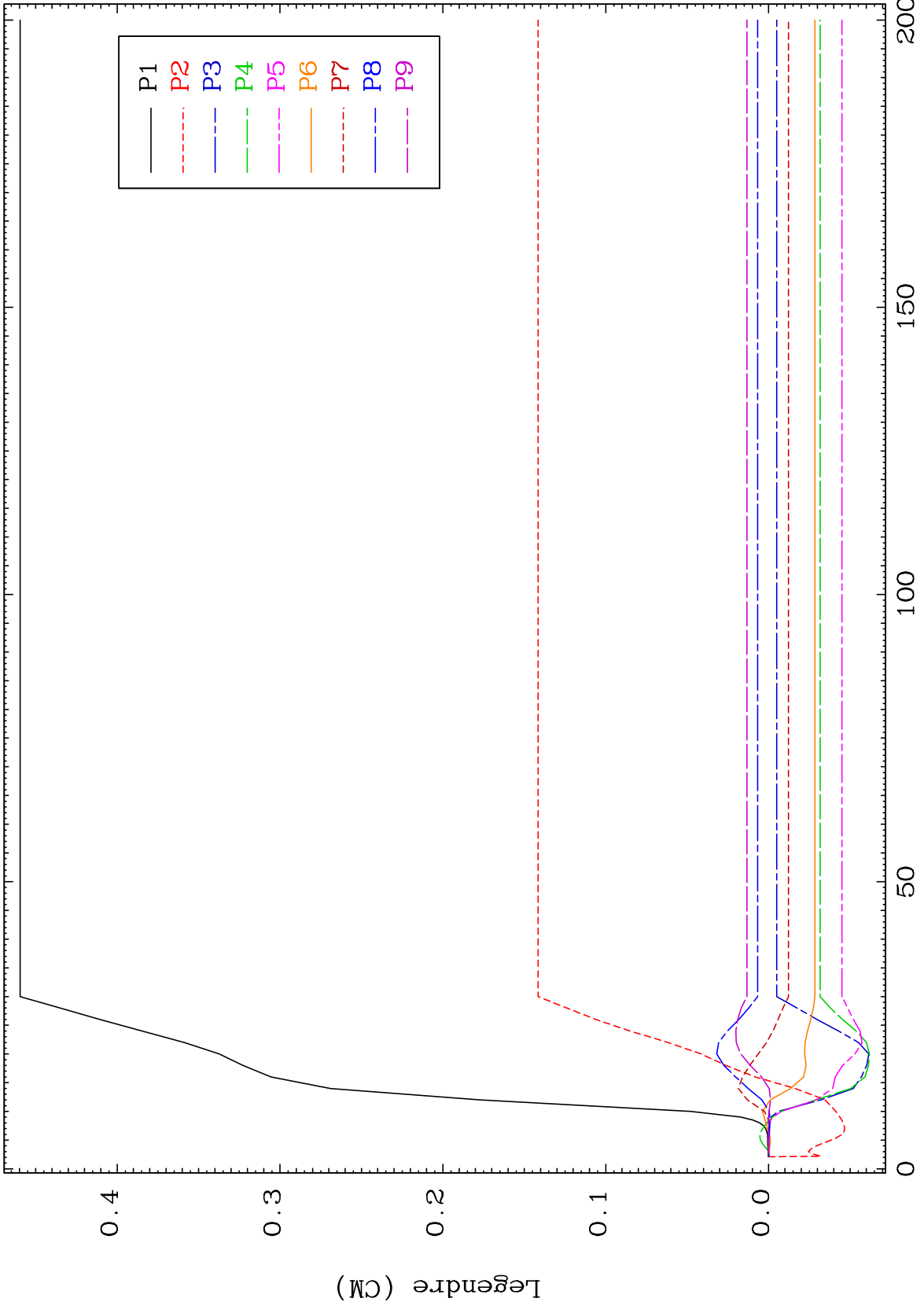


32

Incident Energy (MeV)

50-Sn-130

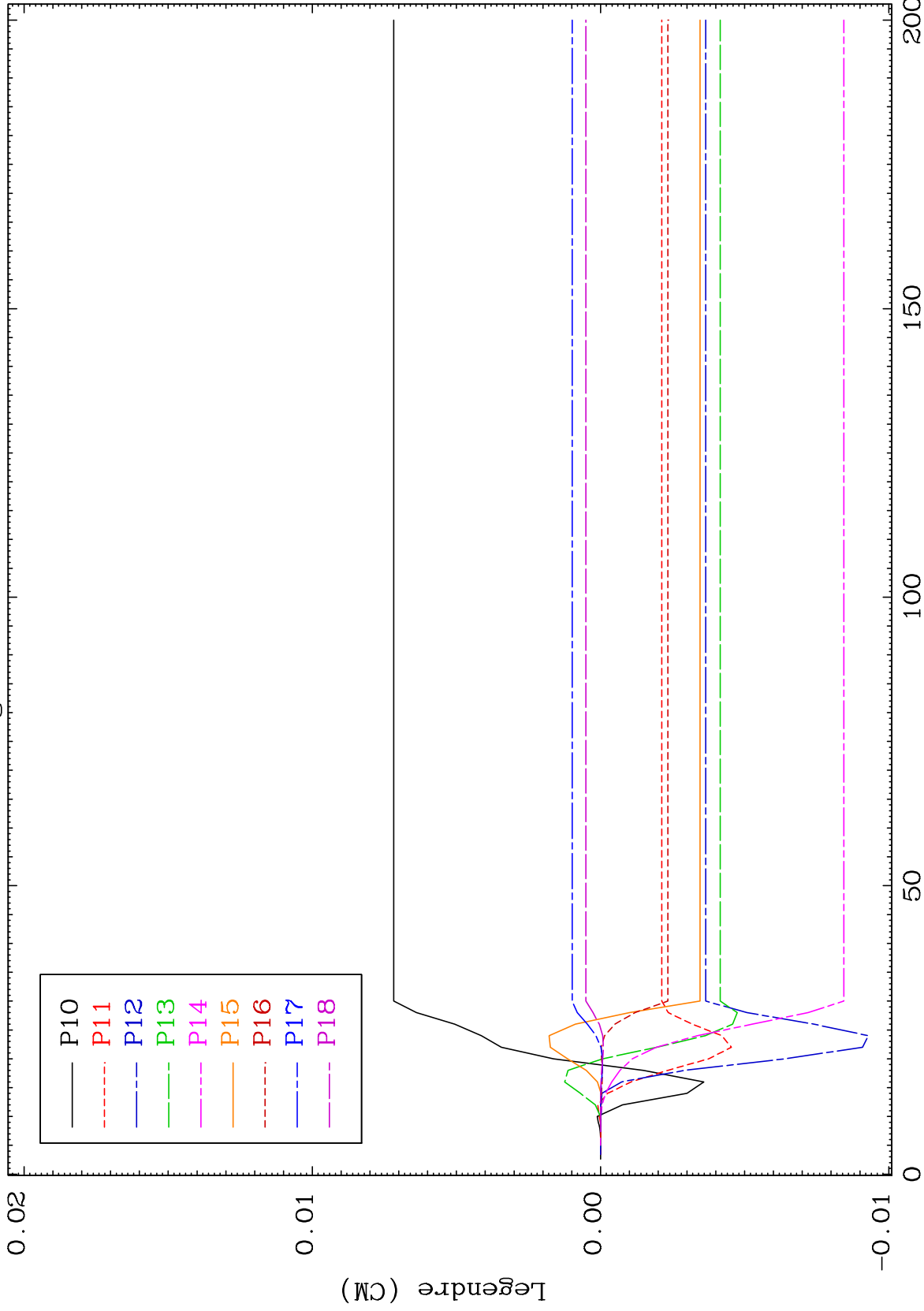
MAT 5079 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

50-Sn-130



34

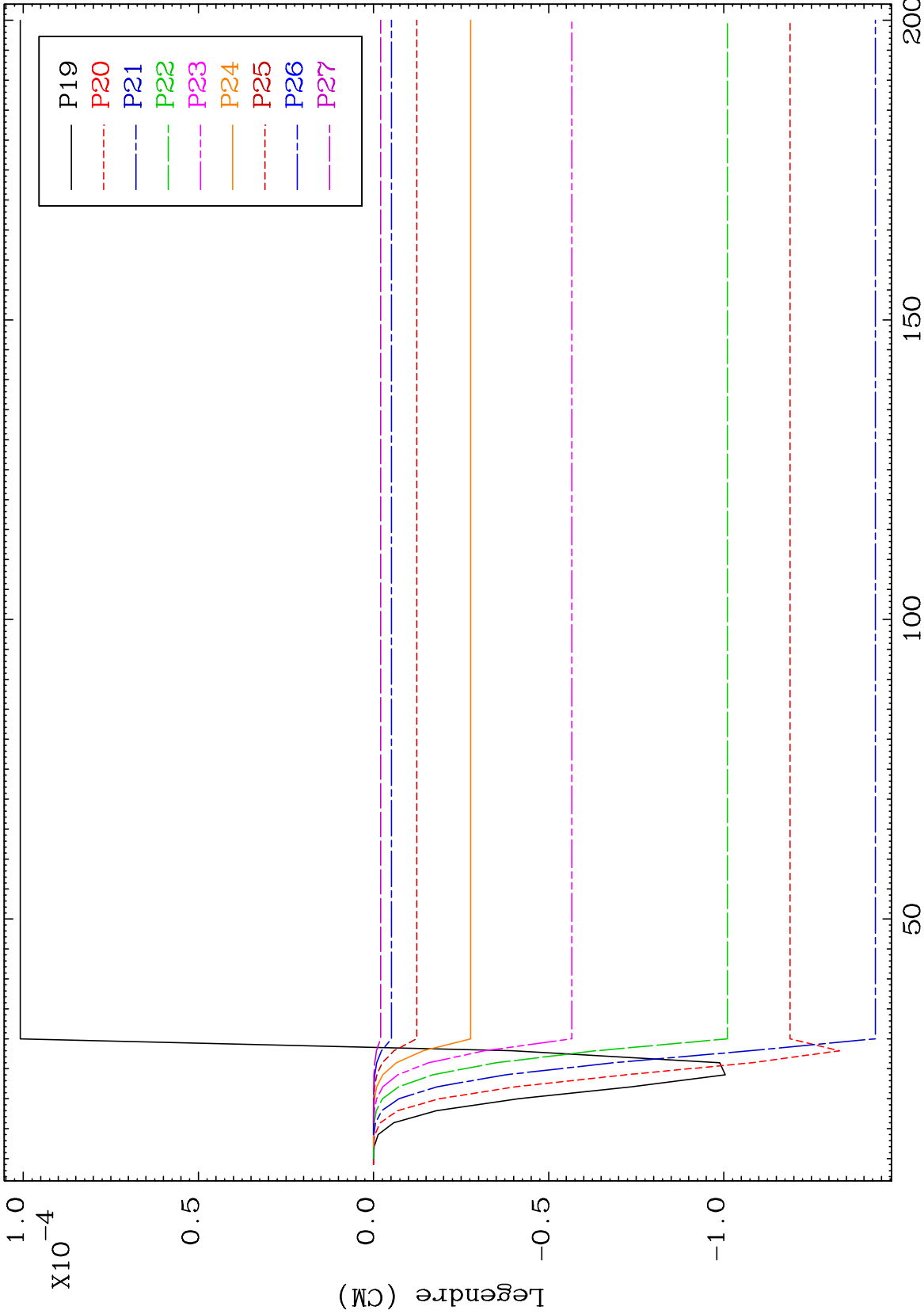
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130

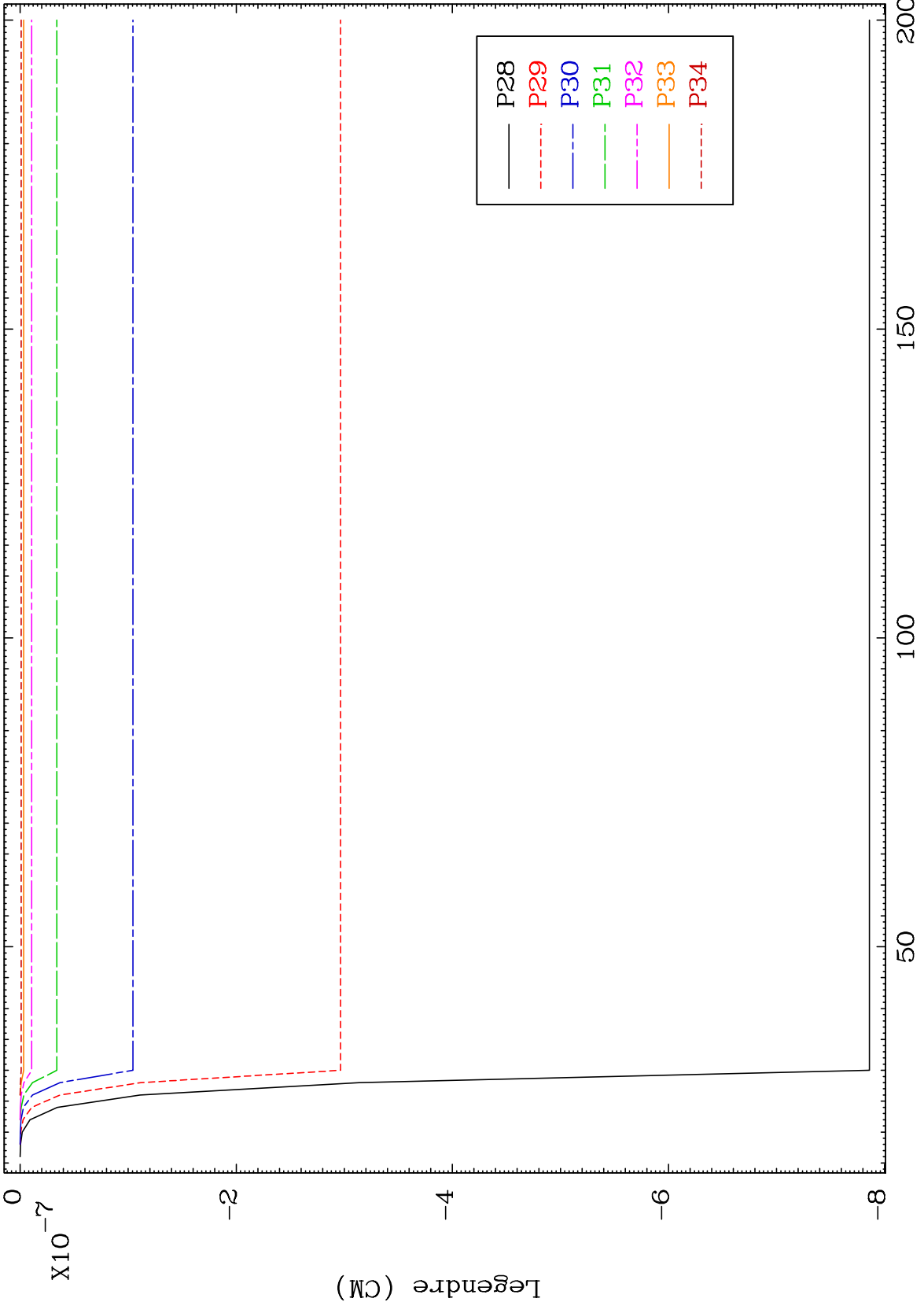


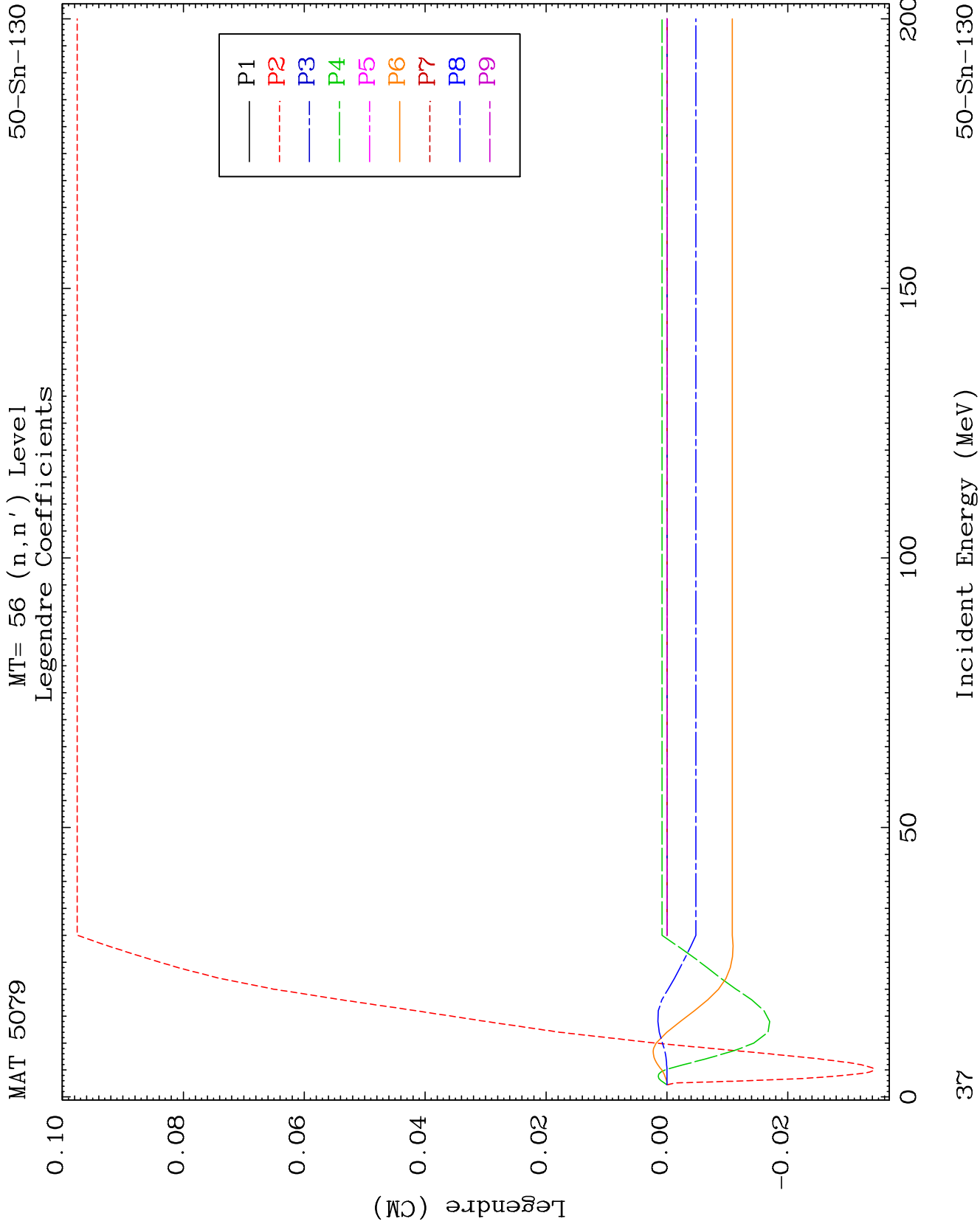
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Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-130

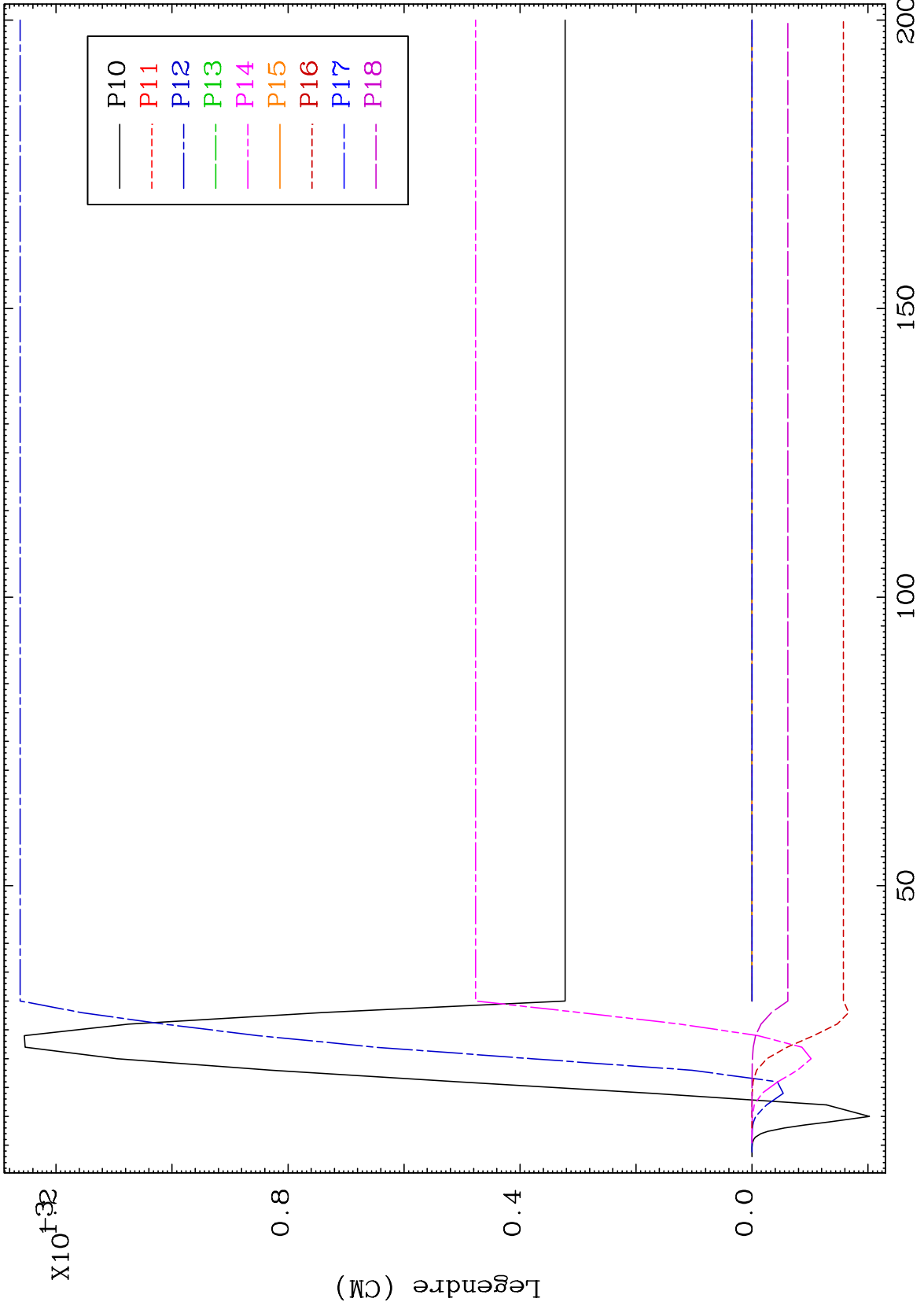




MAT 5079 MT= 56 (n,n') Level Legendre Coefficients

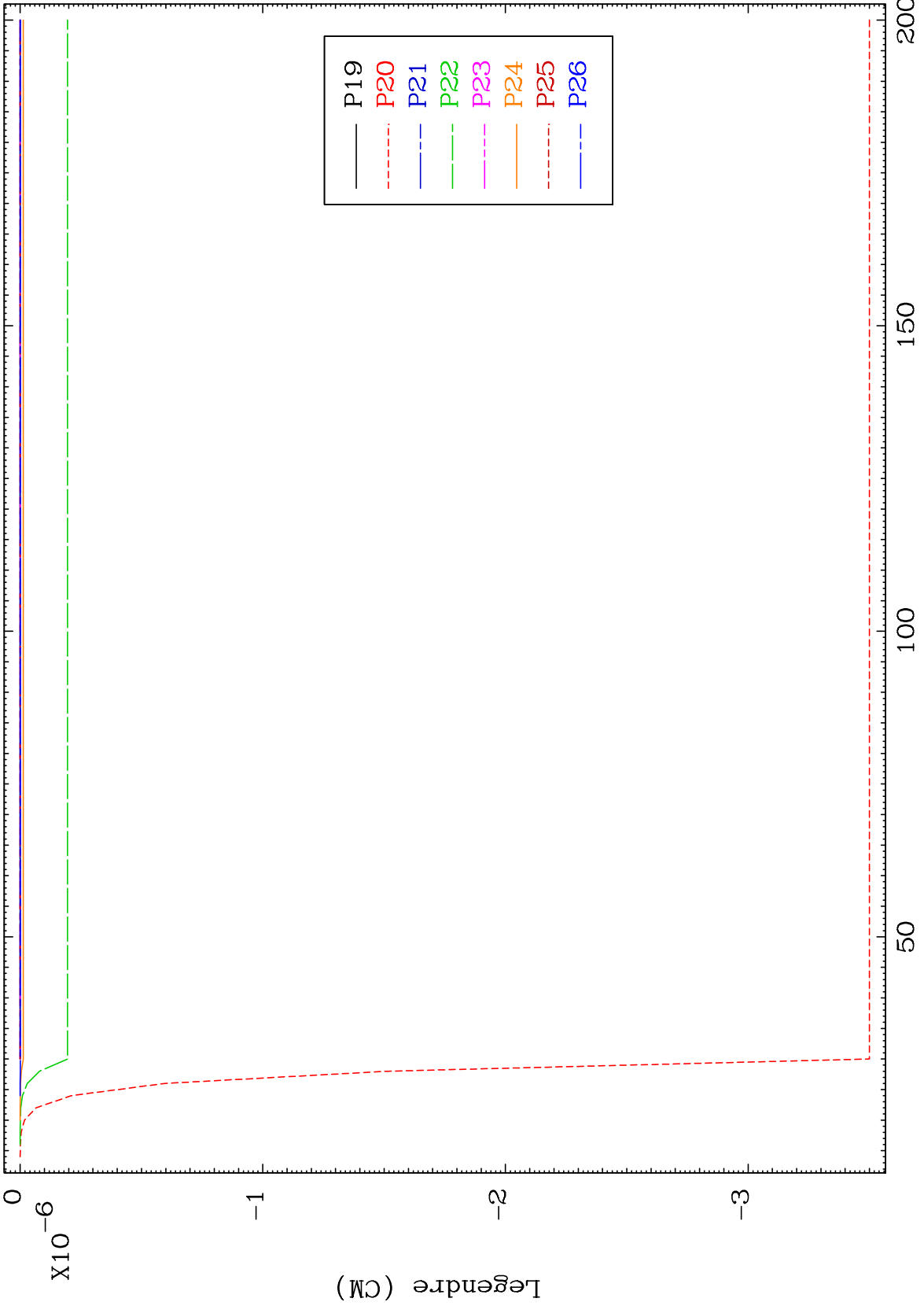
50-Sn-130

50-Sn-130



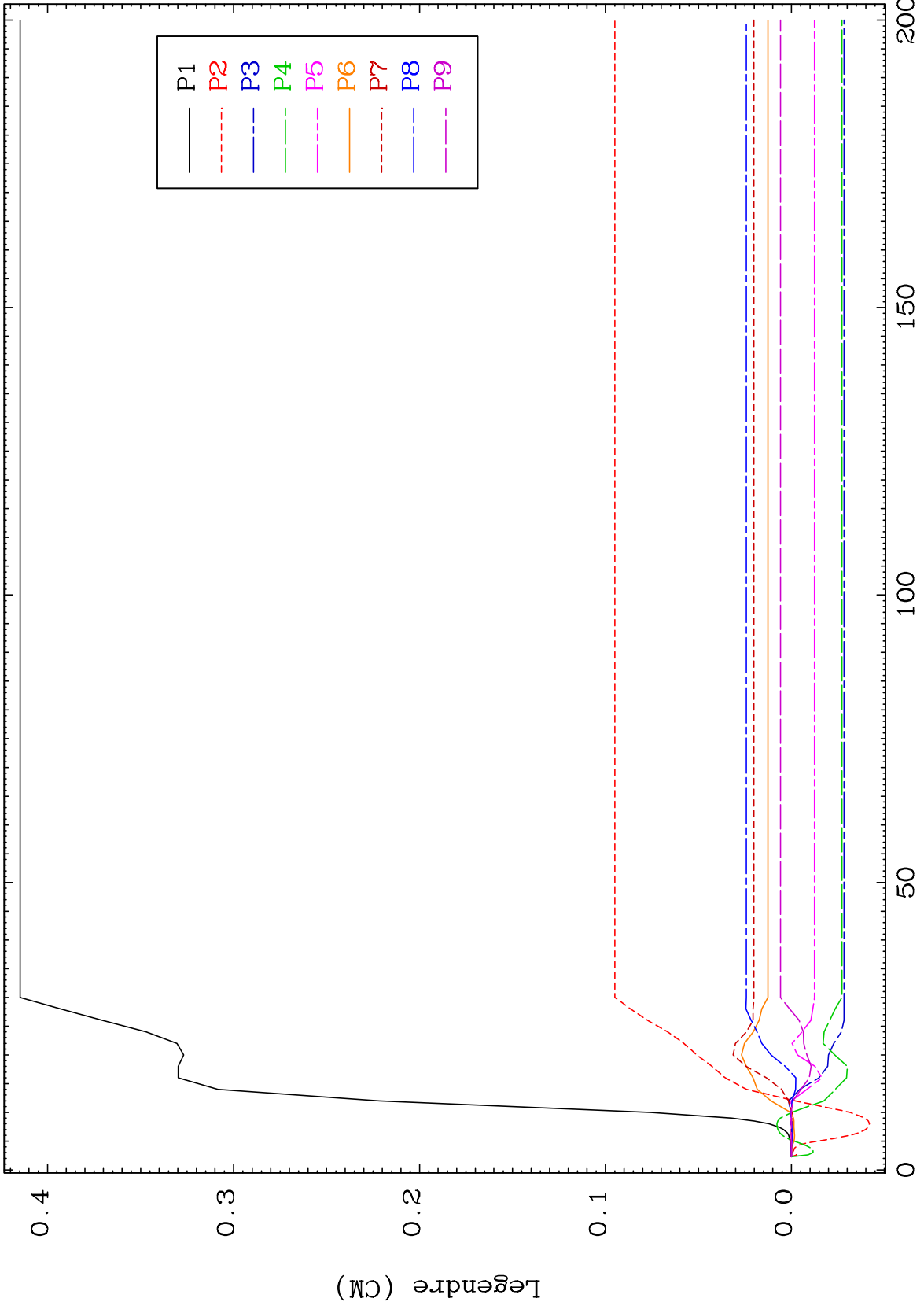
38

MAT 5079 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-130



39 50-Sn-130

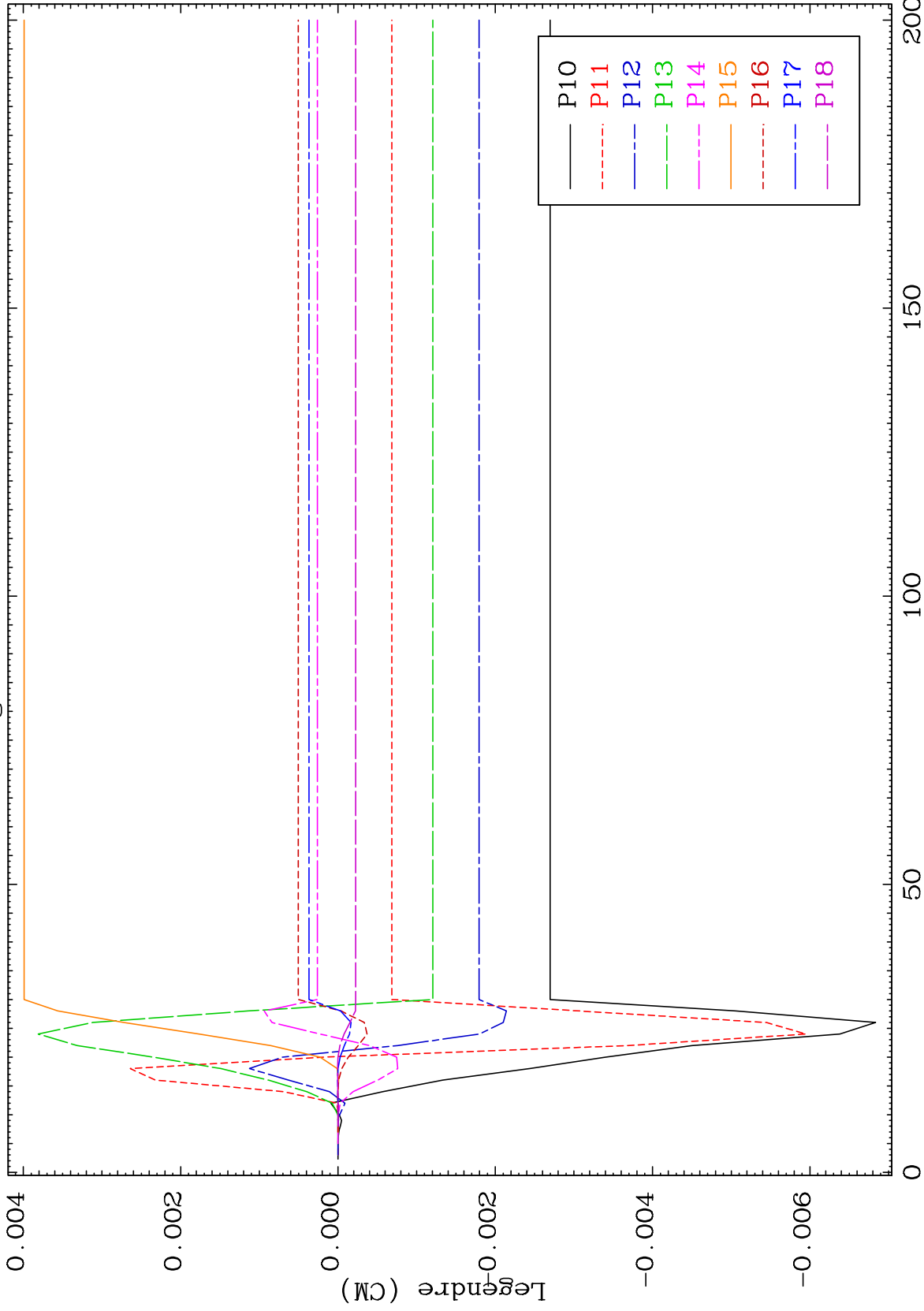
MAT 5079 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-130



Incident Energy (MeV) 50-Sn-130

MAT 5079 MT= 57 (n,n') Level Legendre Coefficients

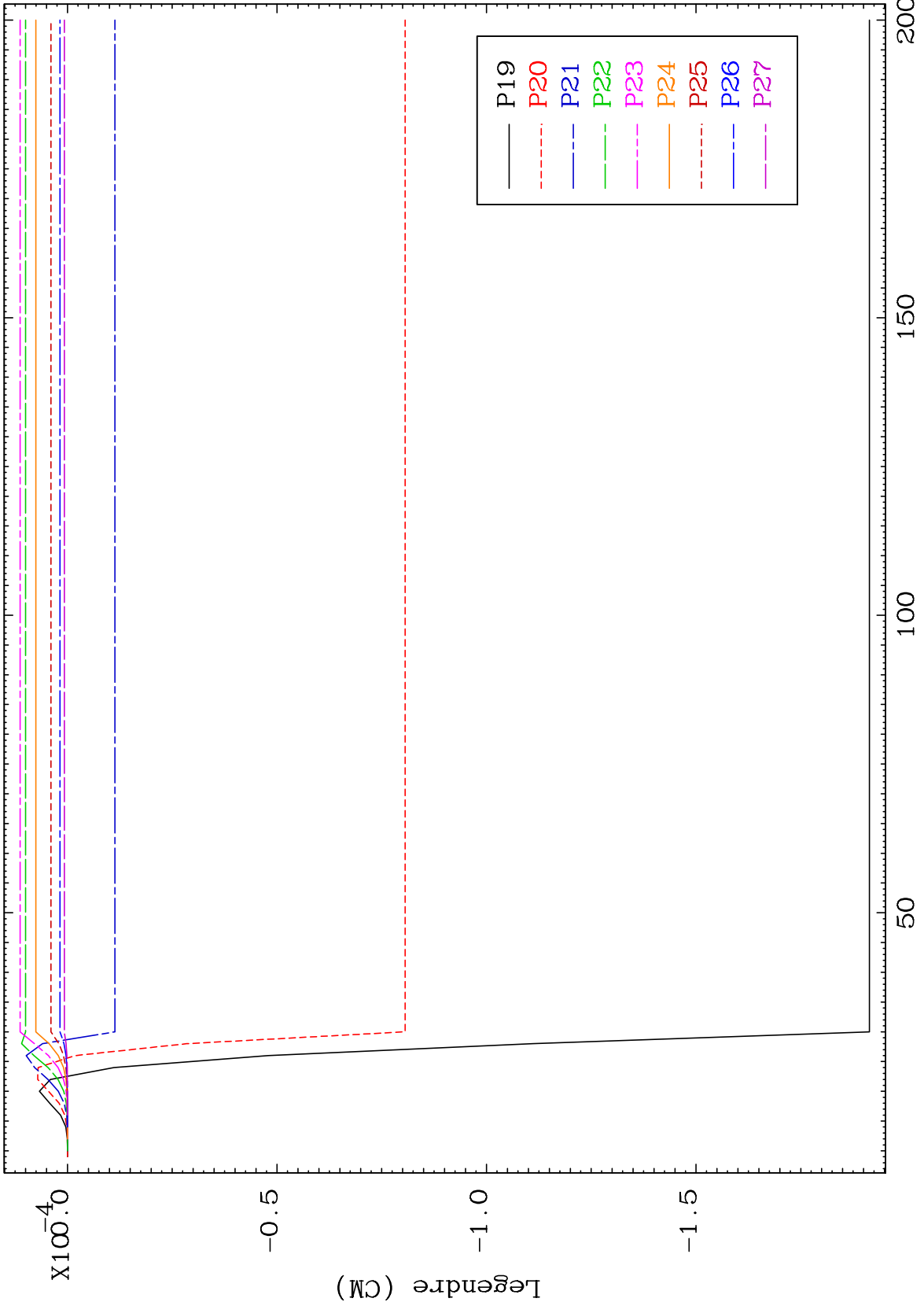
50-Sn-130



50-Sn-130

Incident Energy (MeV)

MAT 5079 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-130

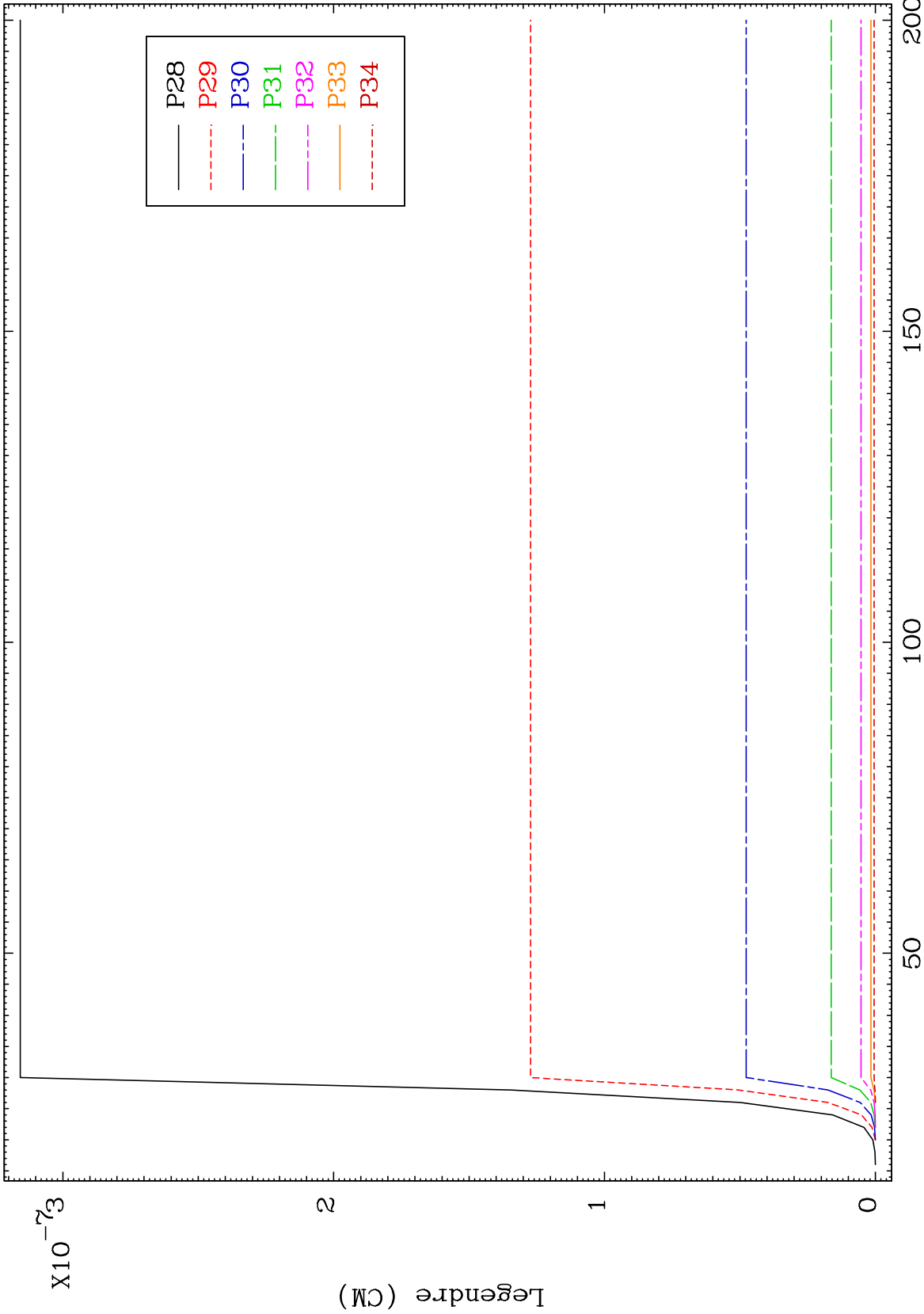


42 50-Sn-130

MAT 5079

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

50-Sn-130



43

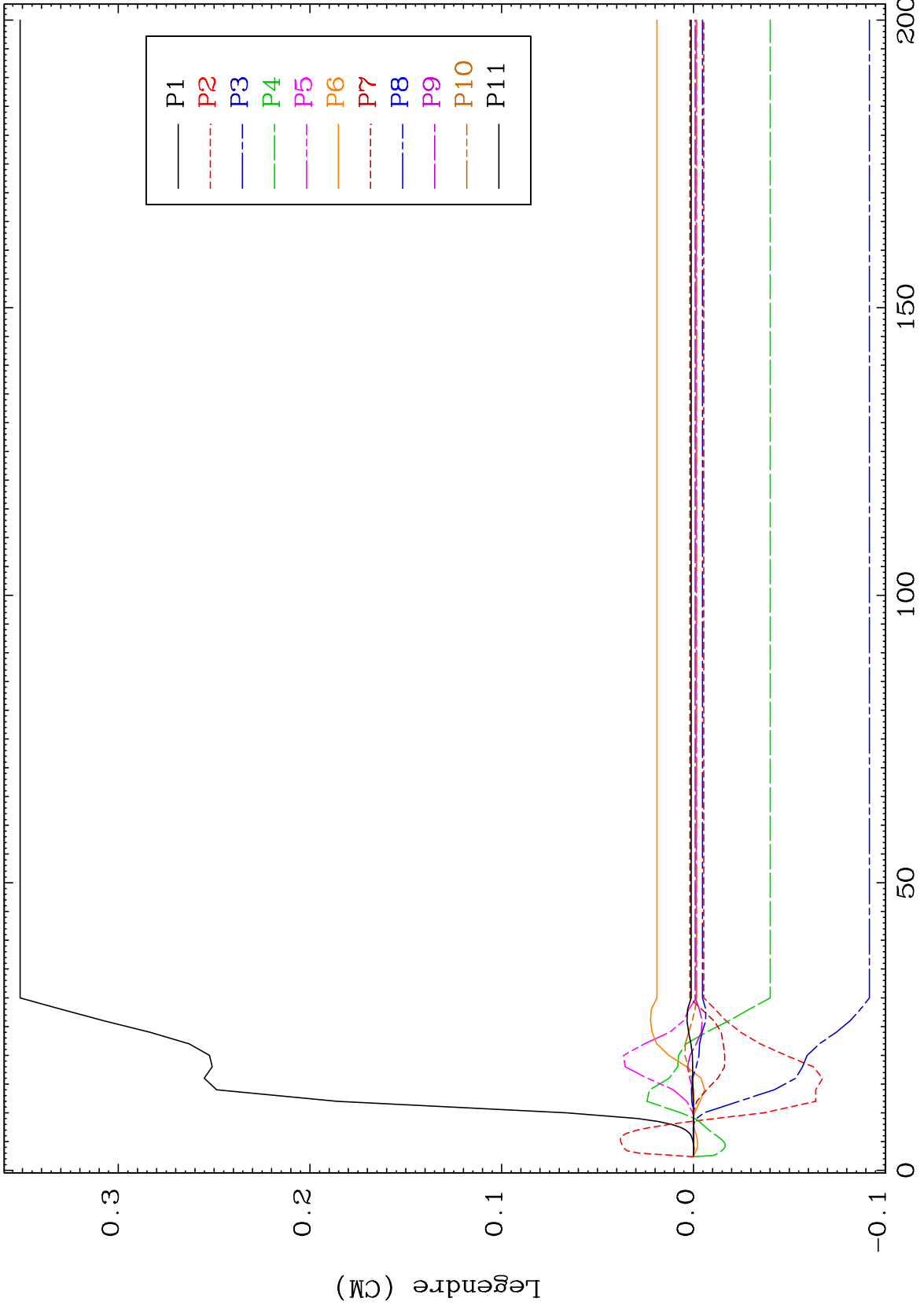
Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 58 (n,n') Level Legendre Coefficients

50-Sn-130

50-Sn-130

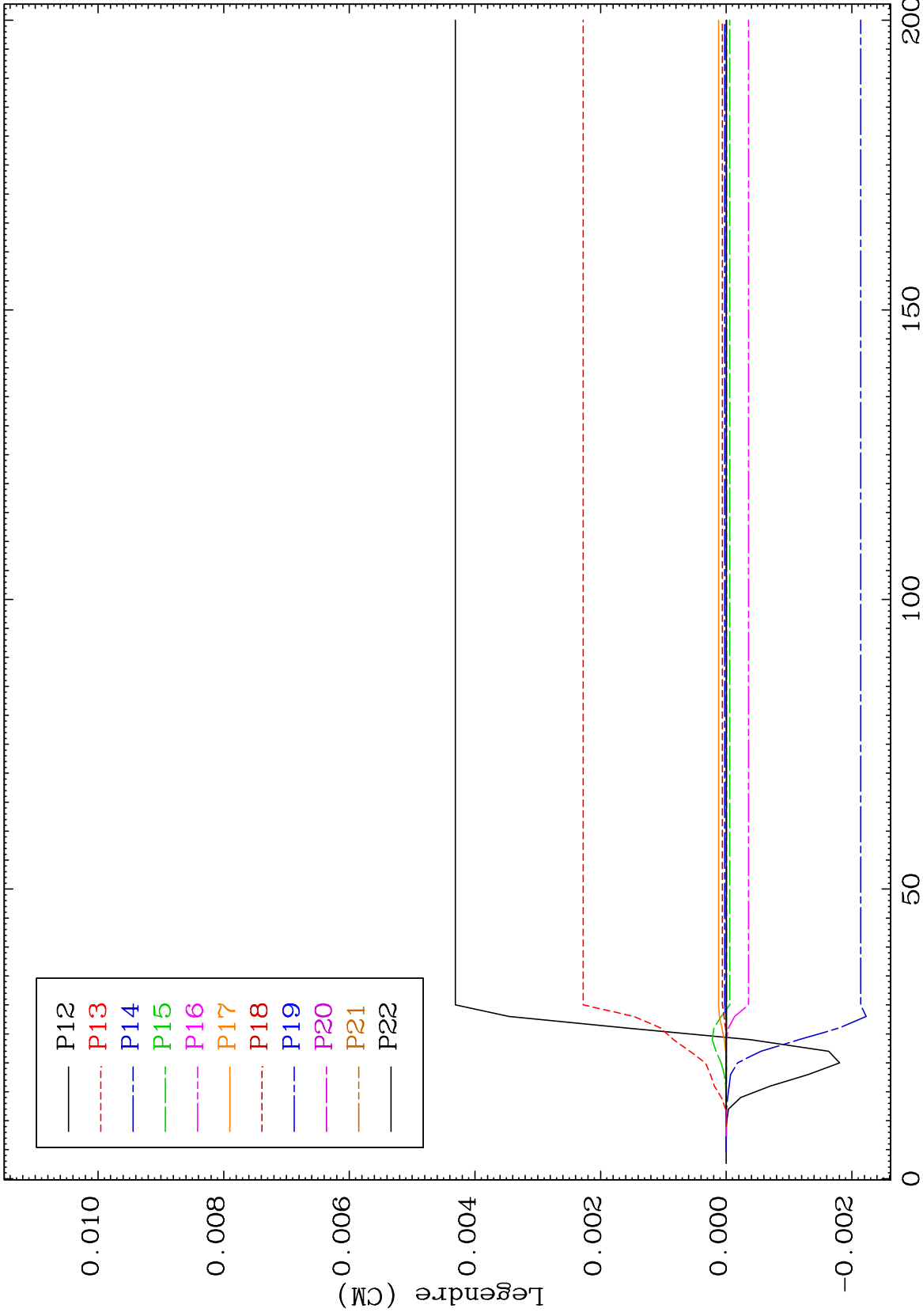


44

MAT 5079

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

50-Sn-130

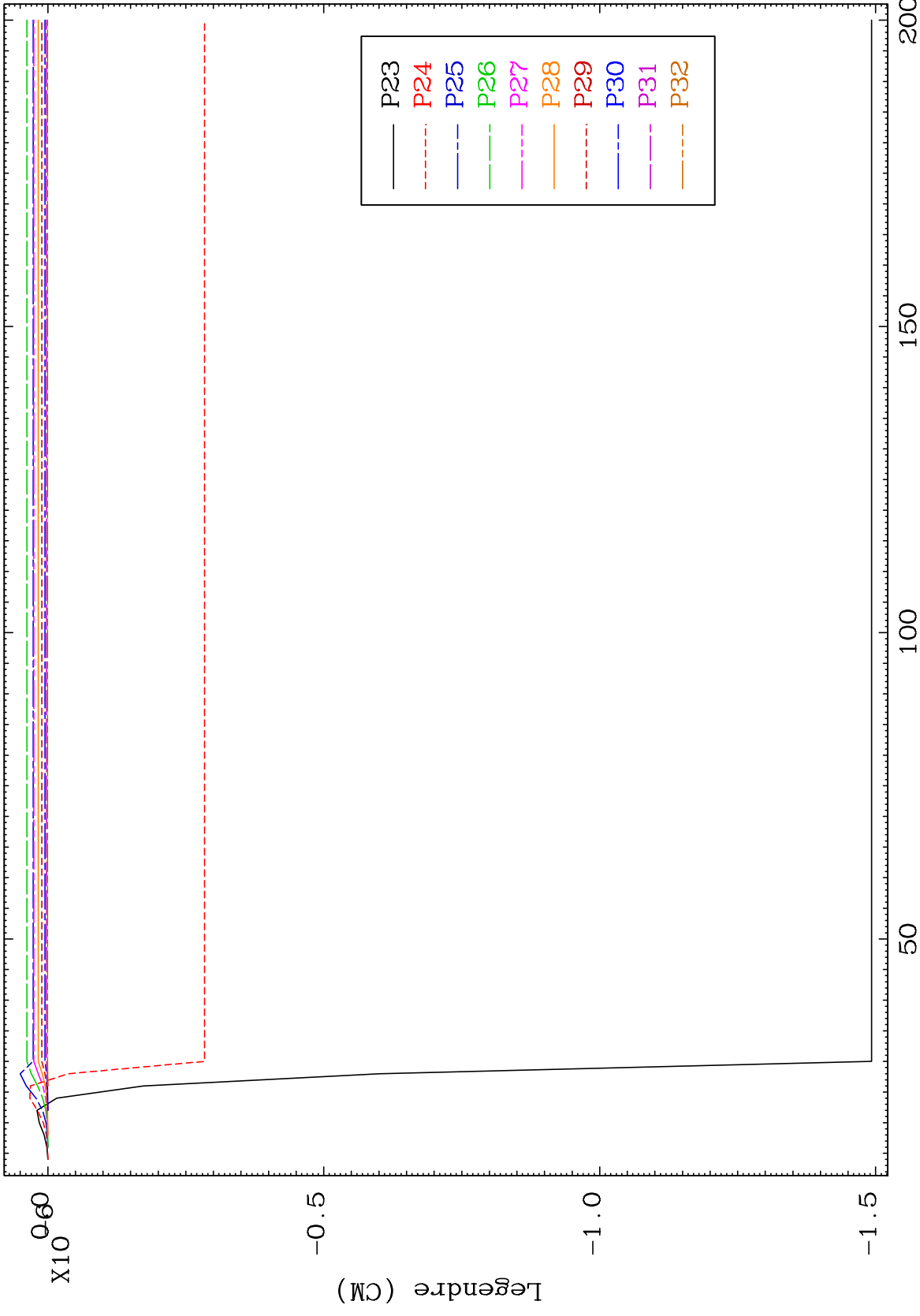


45

Incident Energy (MeV)

50-Sn-130

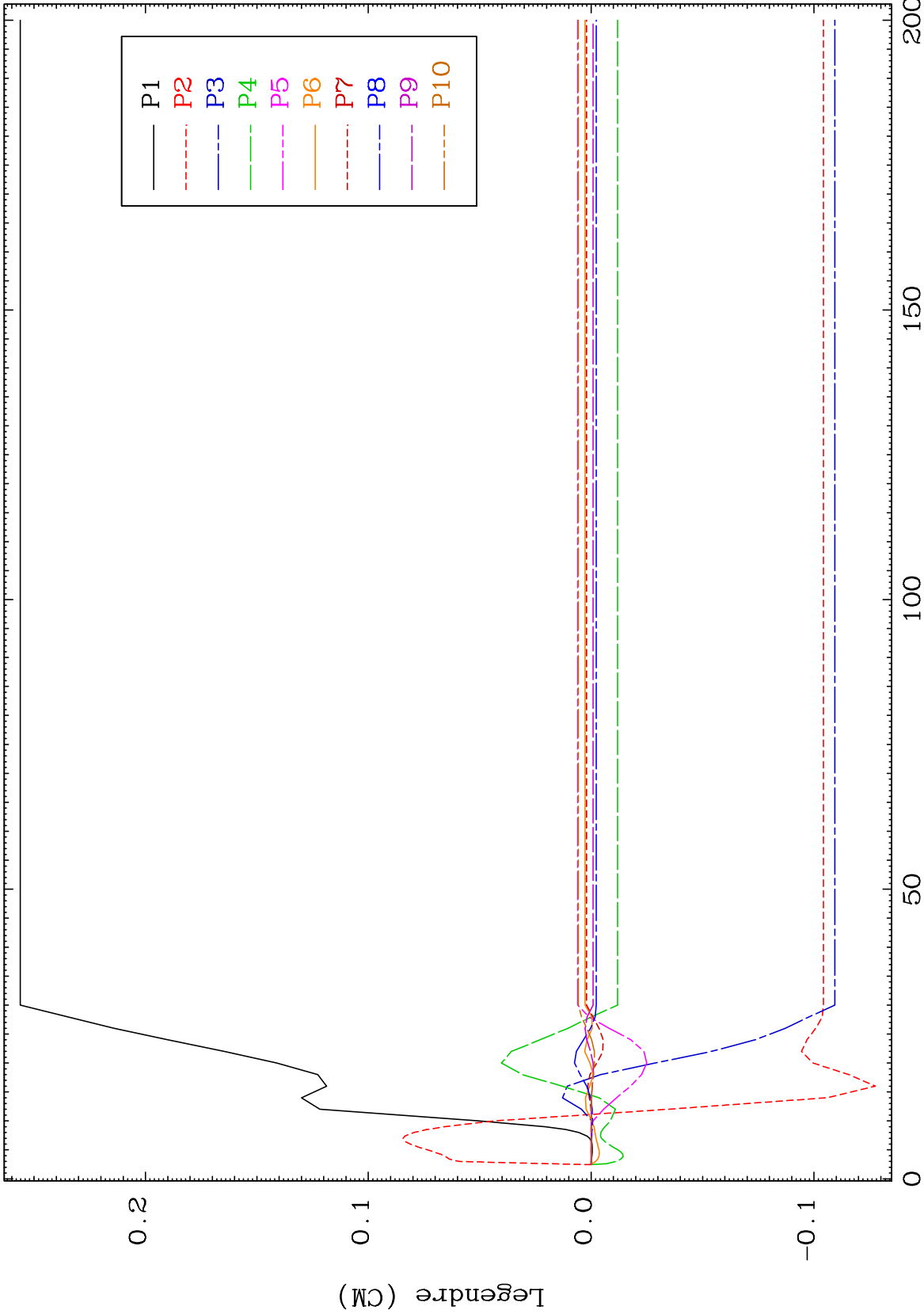
MAT 5079 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

50-Sn-130

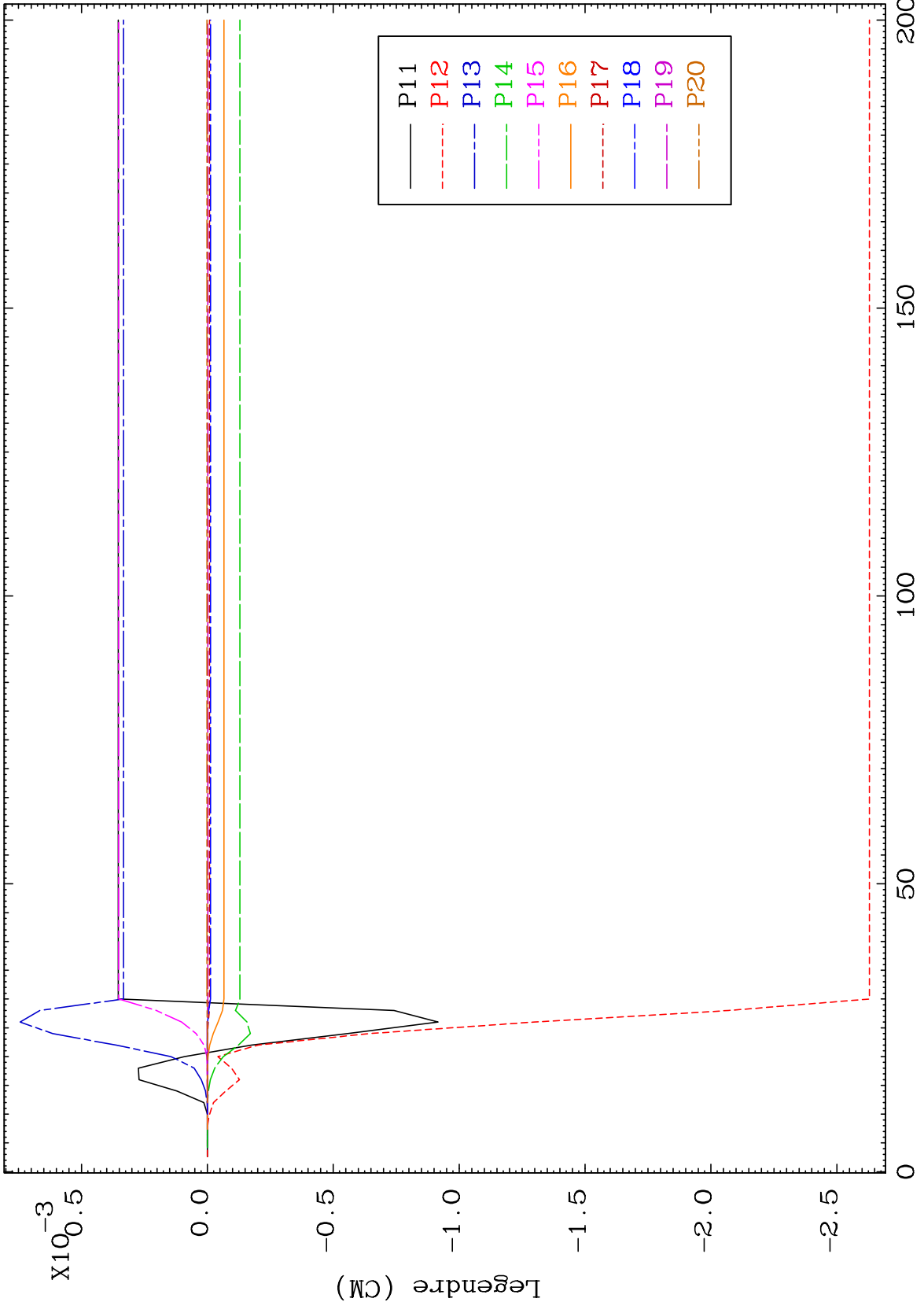


47

Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-130

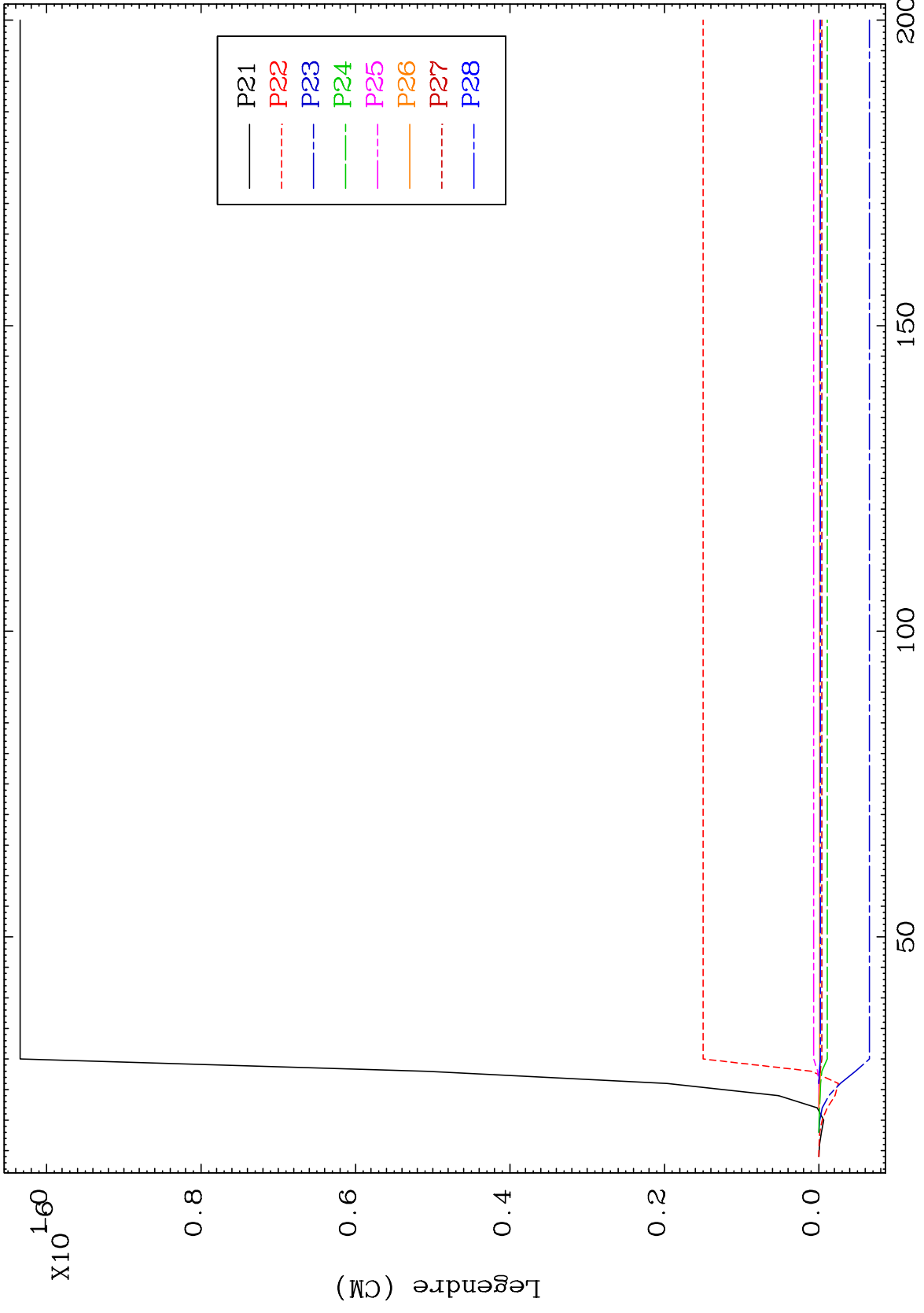


48 50-Sn-130

MAT 5079

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

50-Sn-130



49

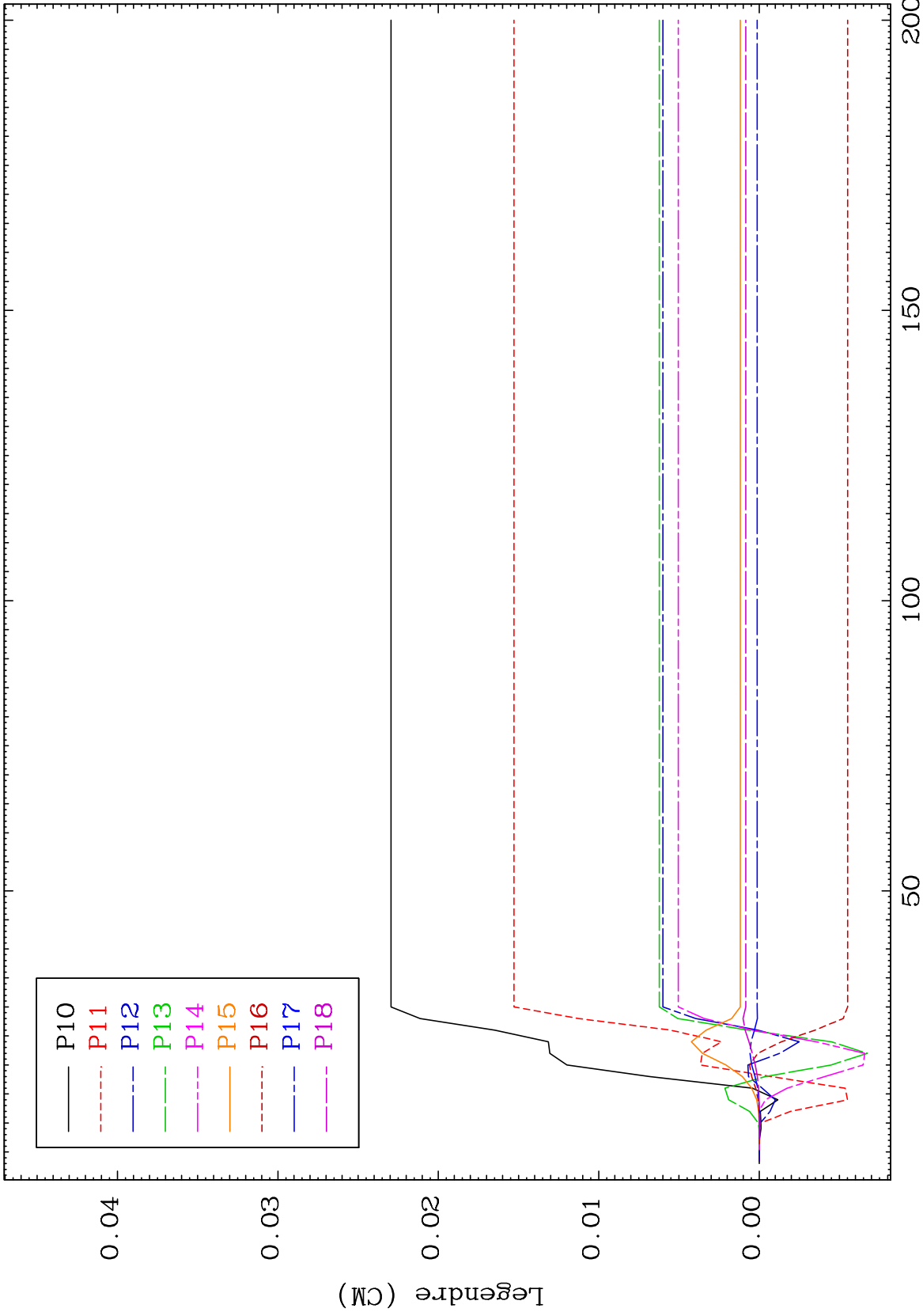
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

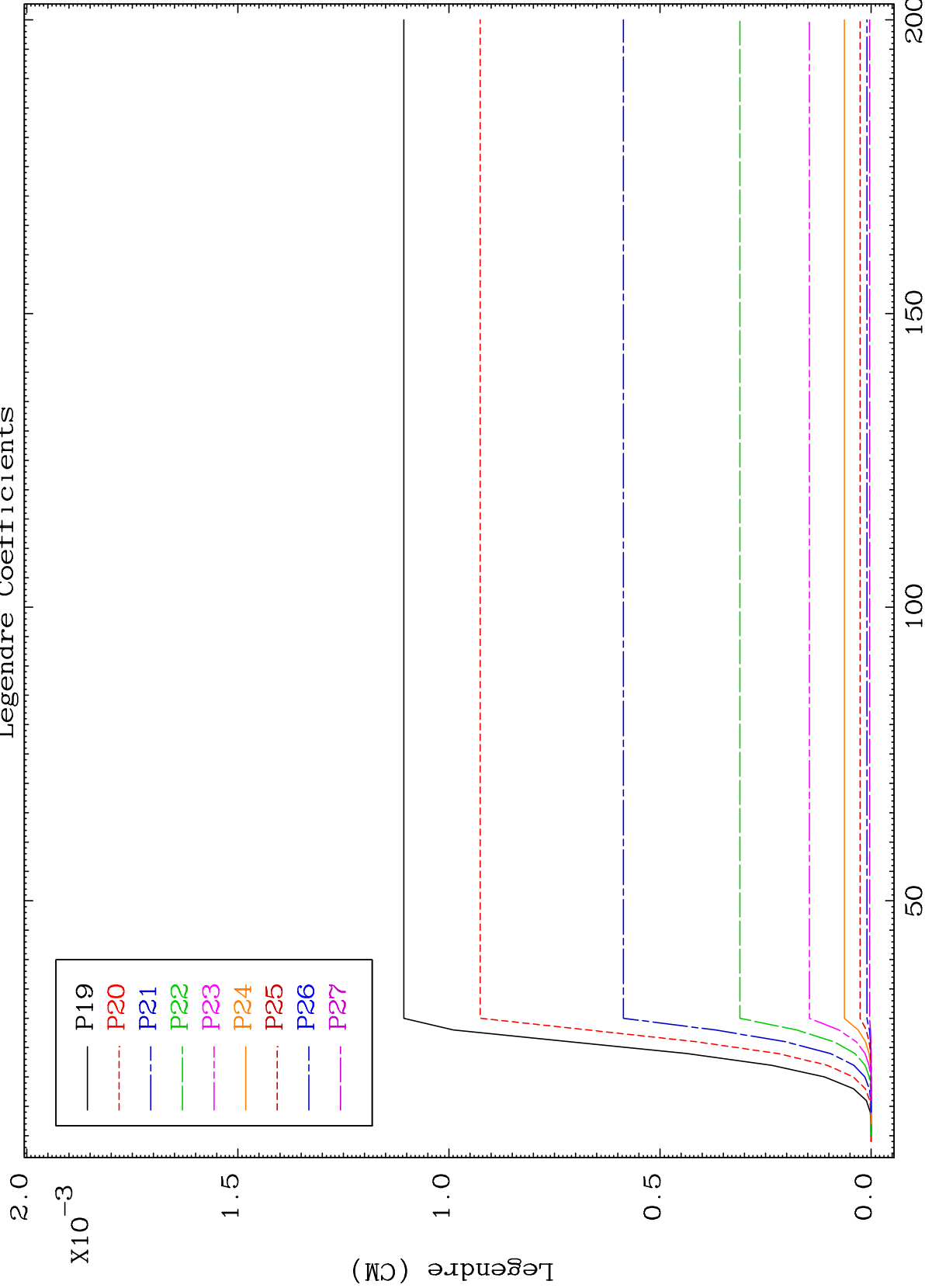
50-Sn-130



MAT 5079 MT= 60 (n,n') Level Legendre Coefficients

50-Sn-130

50-Sn-130

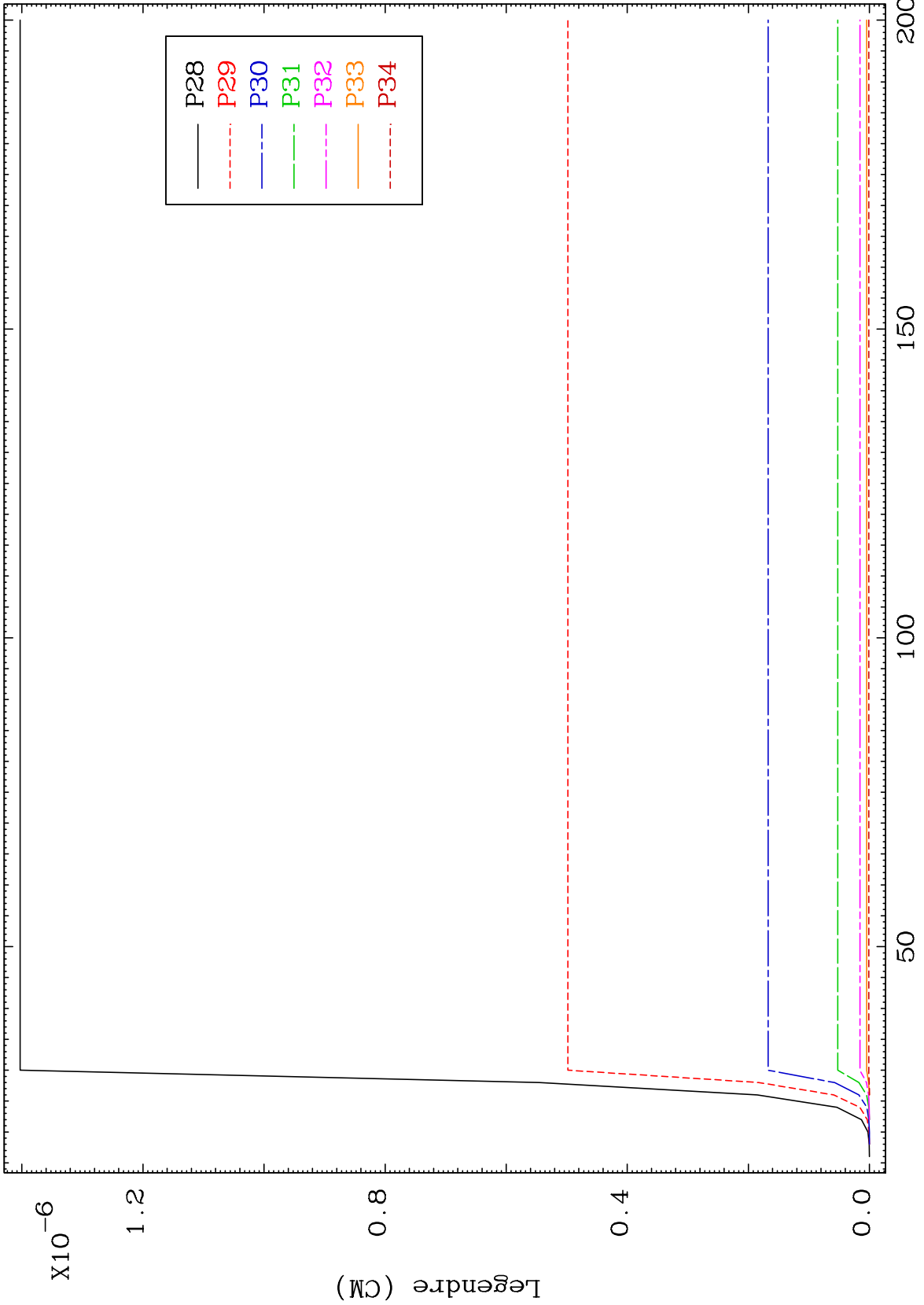


52

MAT 5079

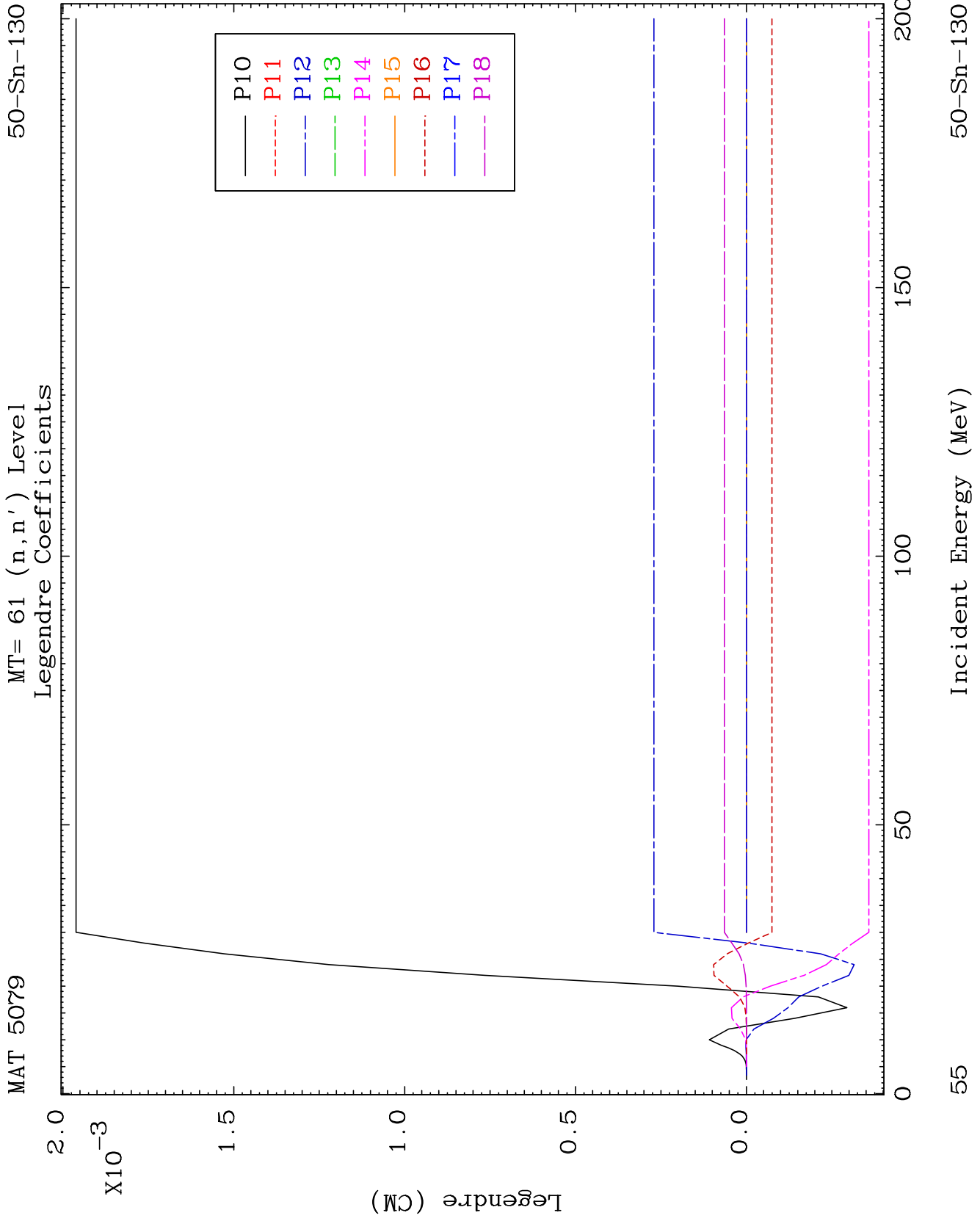
MT= 60 (n,n') Level
Legendre Coefficients

50-Sn-130

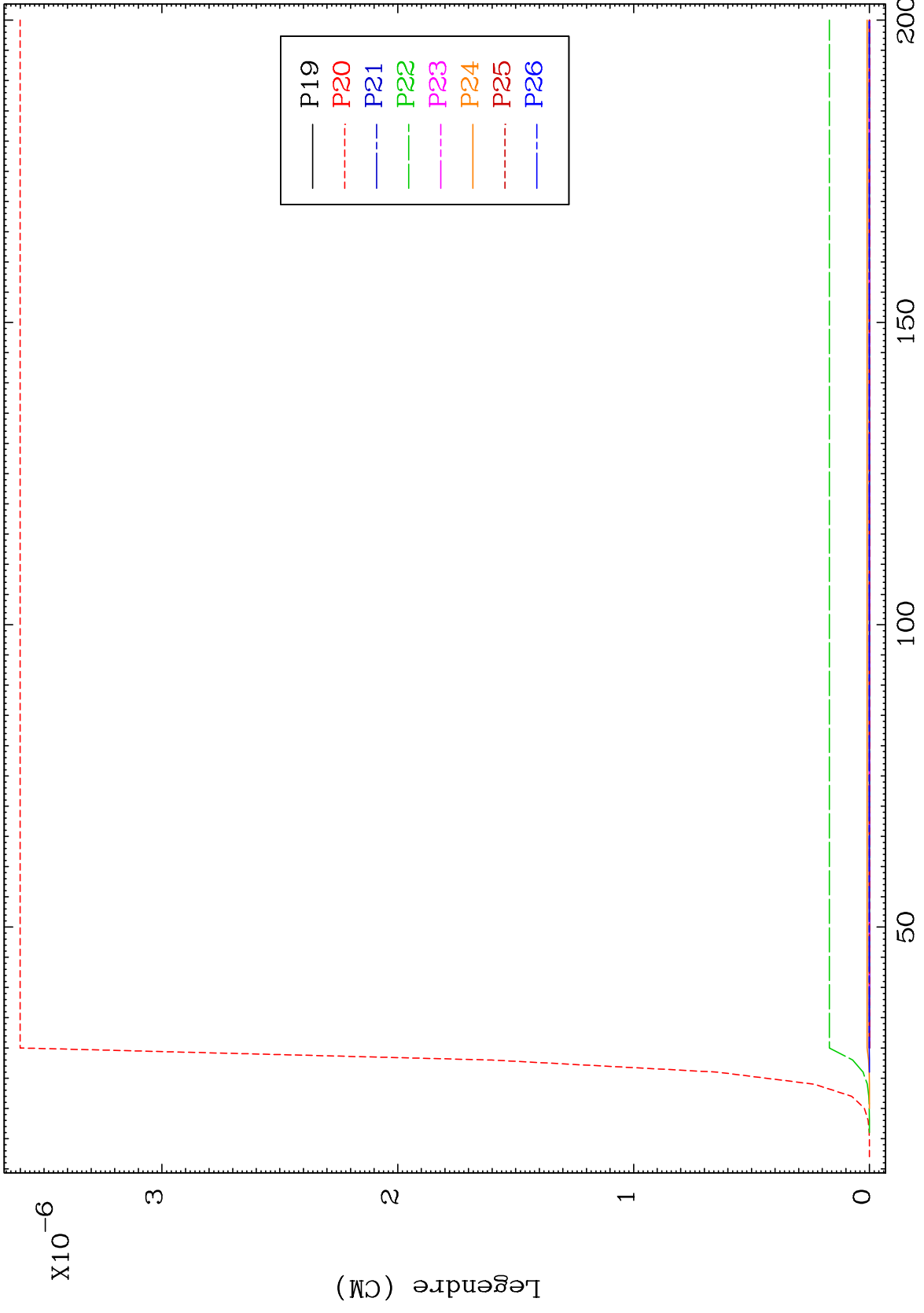


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50-Sn-130

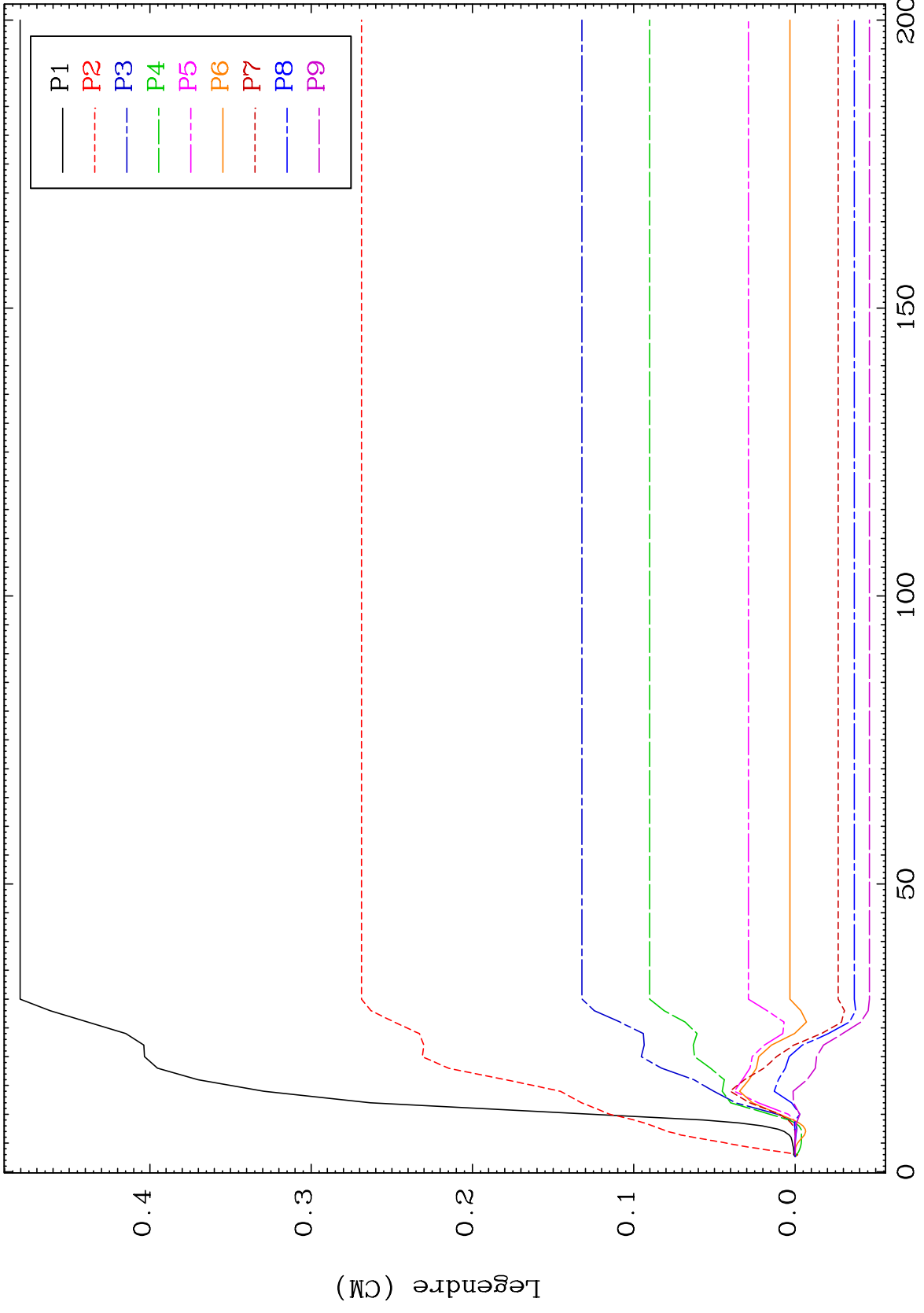


MAT 5079 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-130

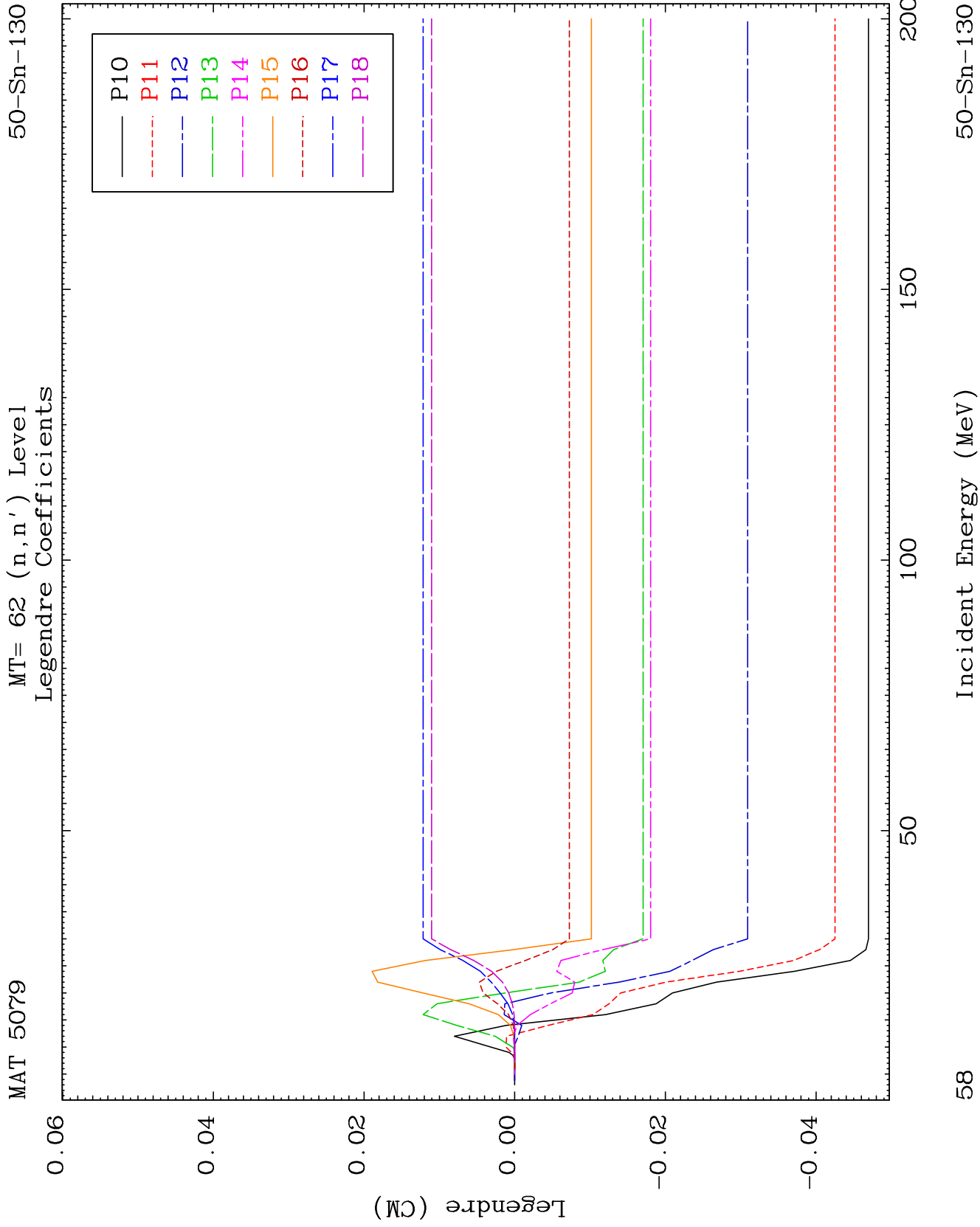


56 Incident Energy (MeV) 200 50-Sn-130

MAT 5079 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-130



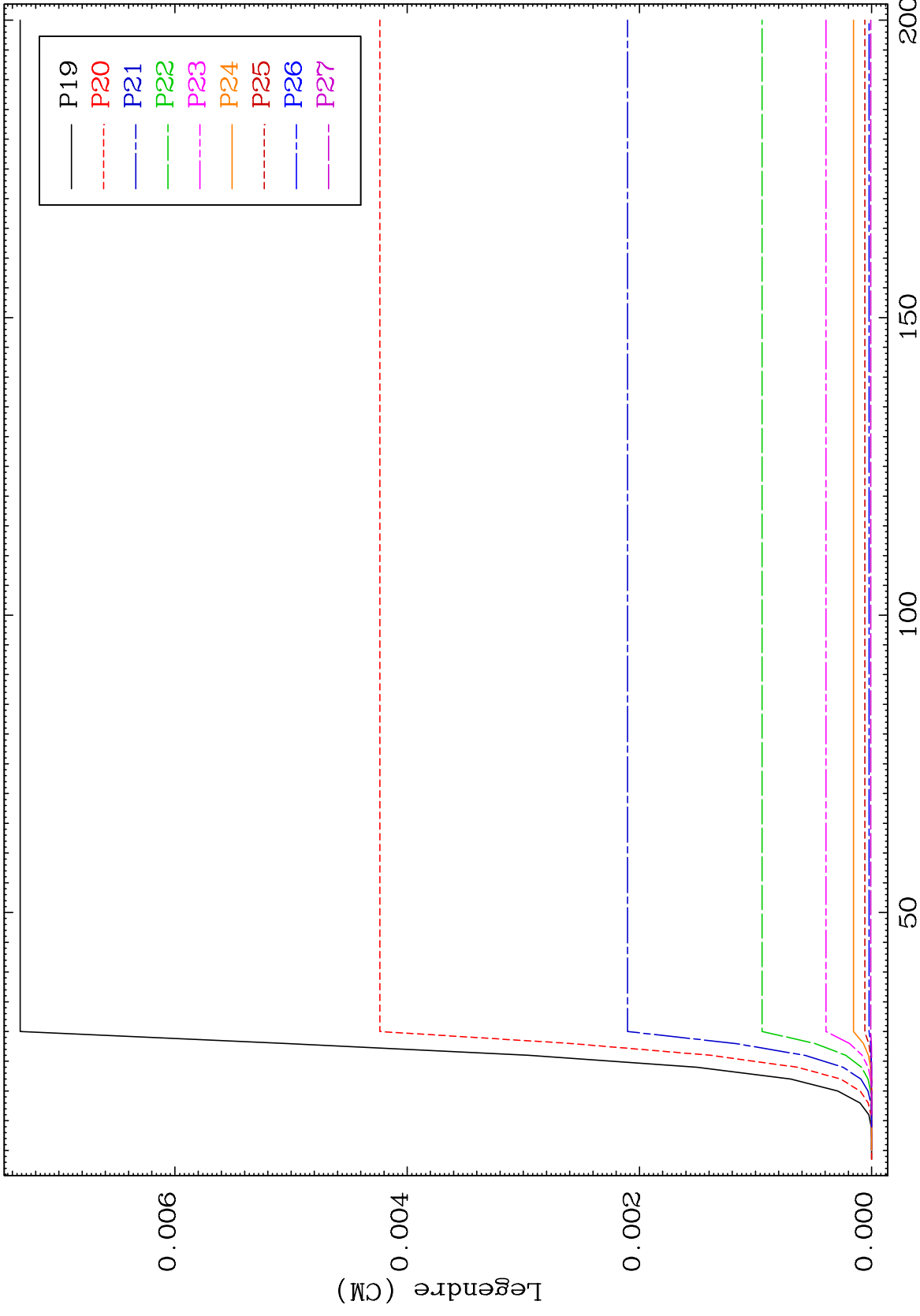
57 50-Sn-130



MAT 5079

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

50-Sn-130

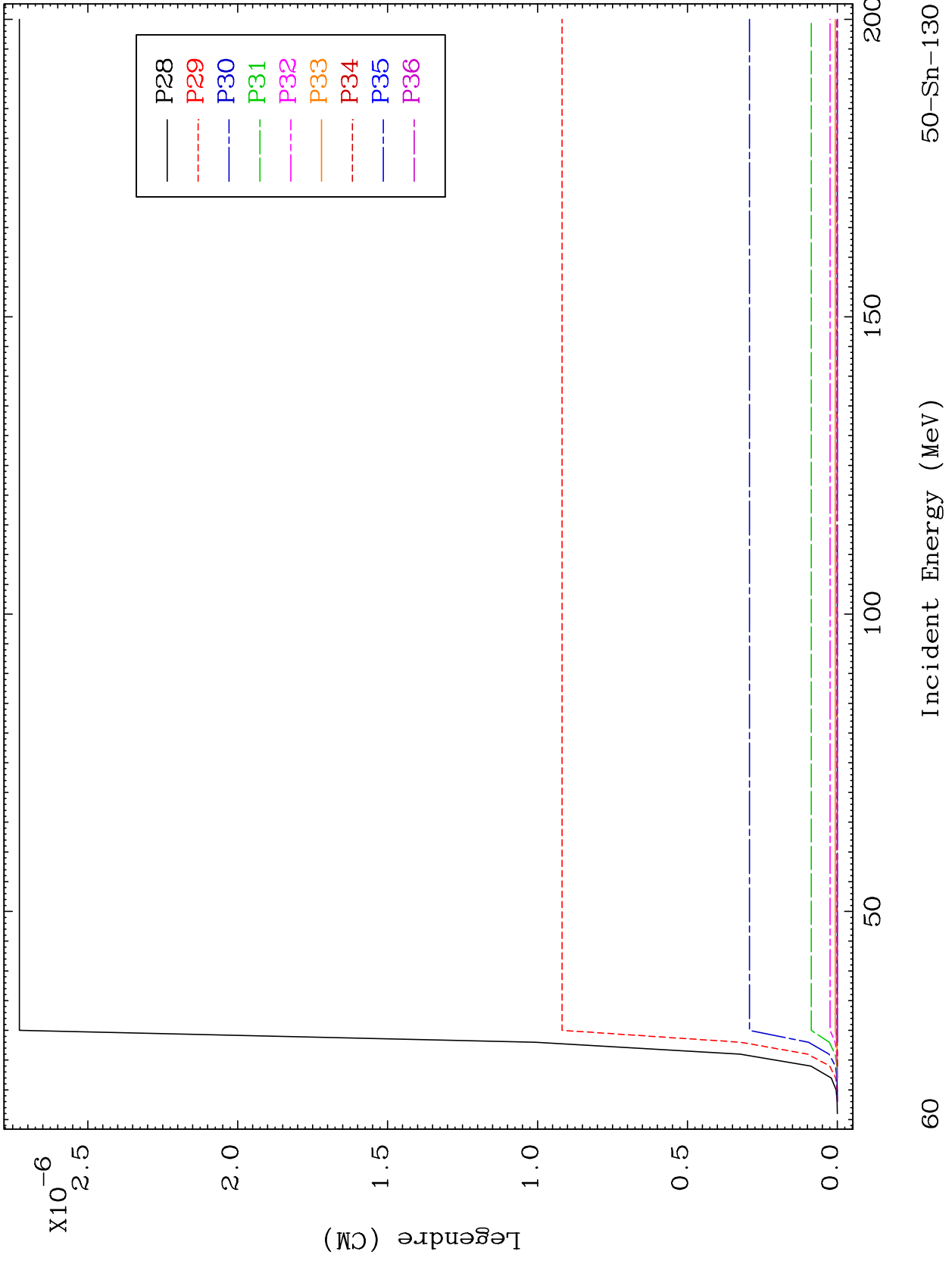


59

Incident Energy (MeV)

50-Sn-130

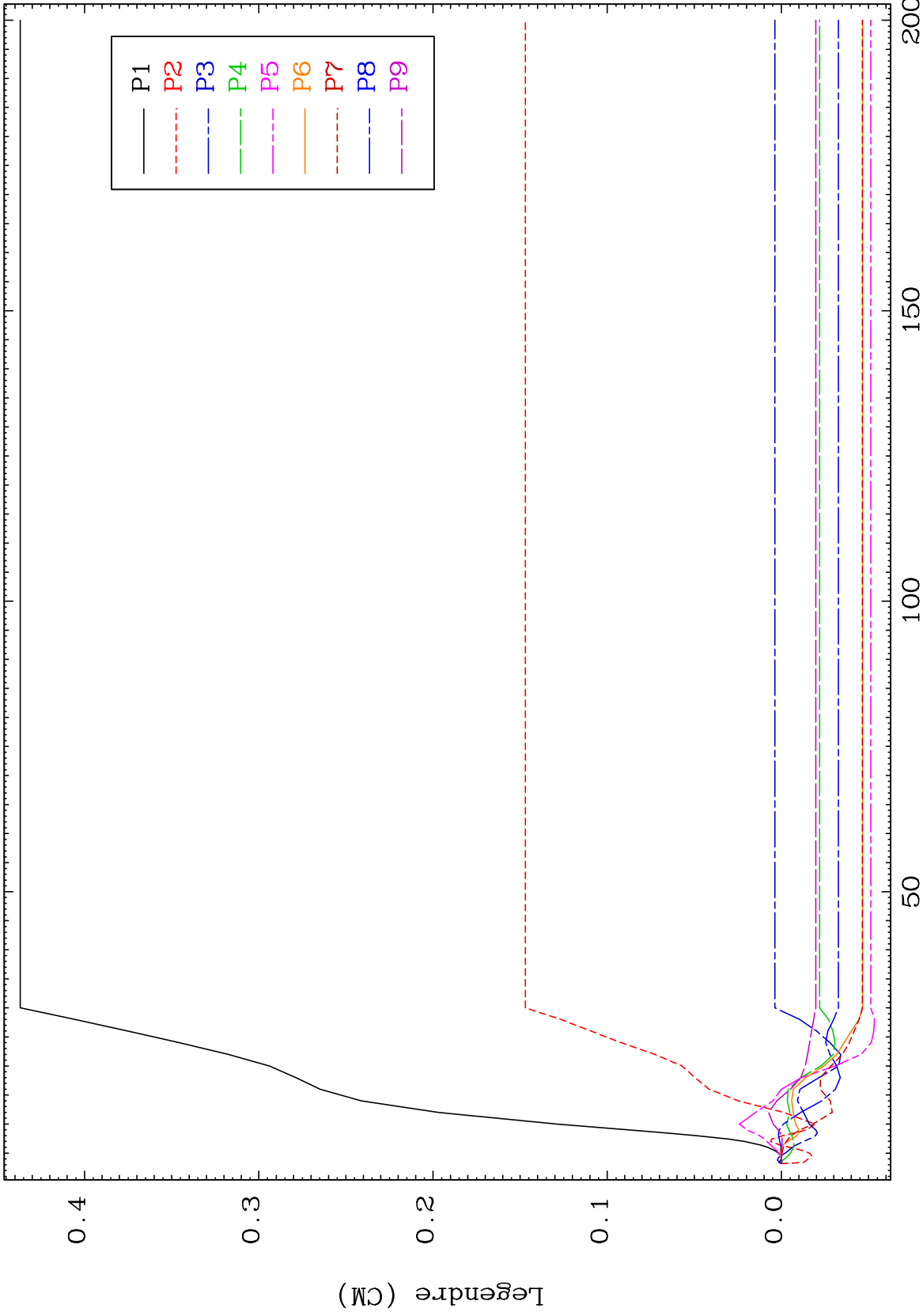
MAT 5079 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

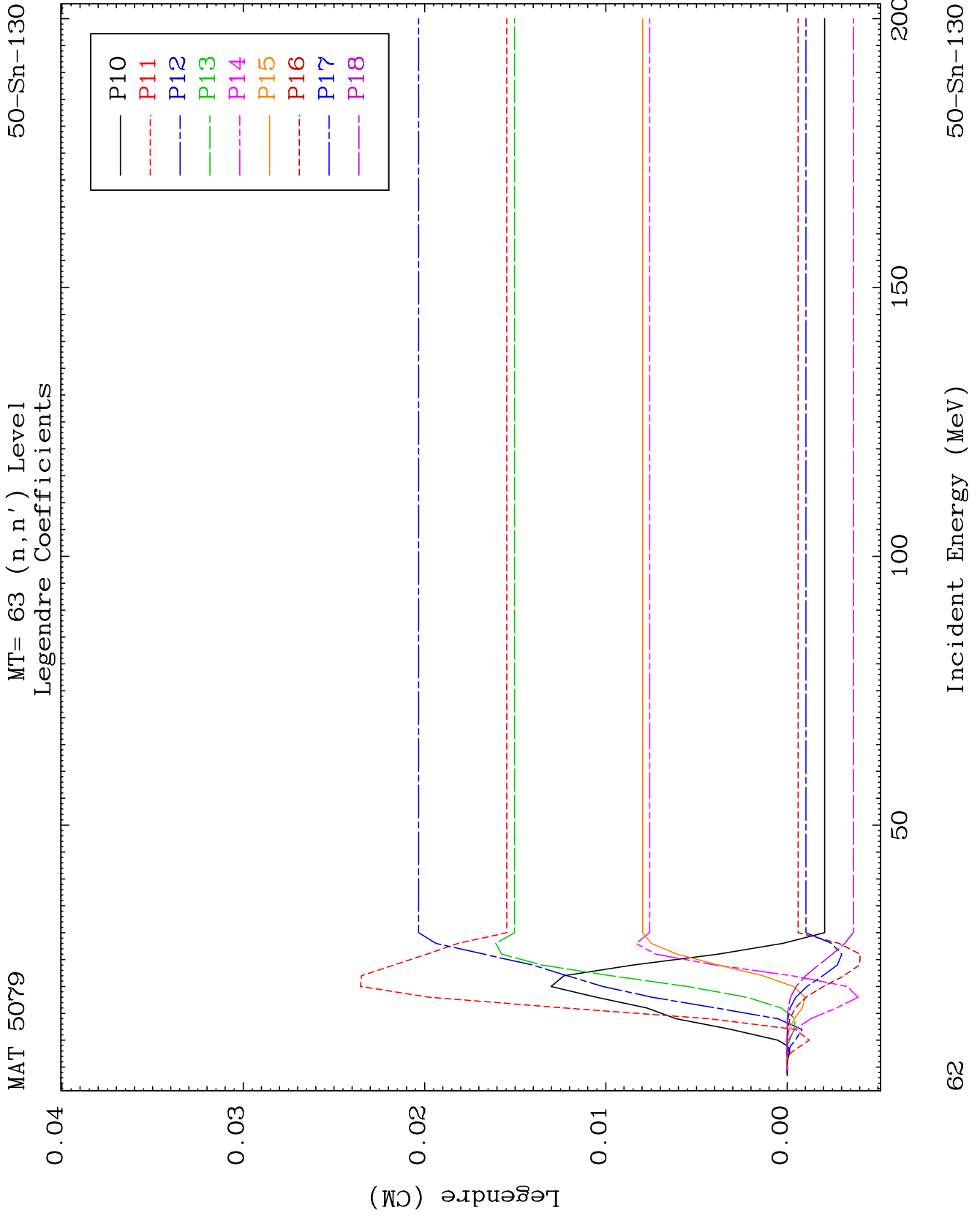
50-Sn-130



61

Incident Energy (MeV)

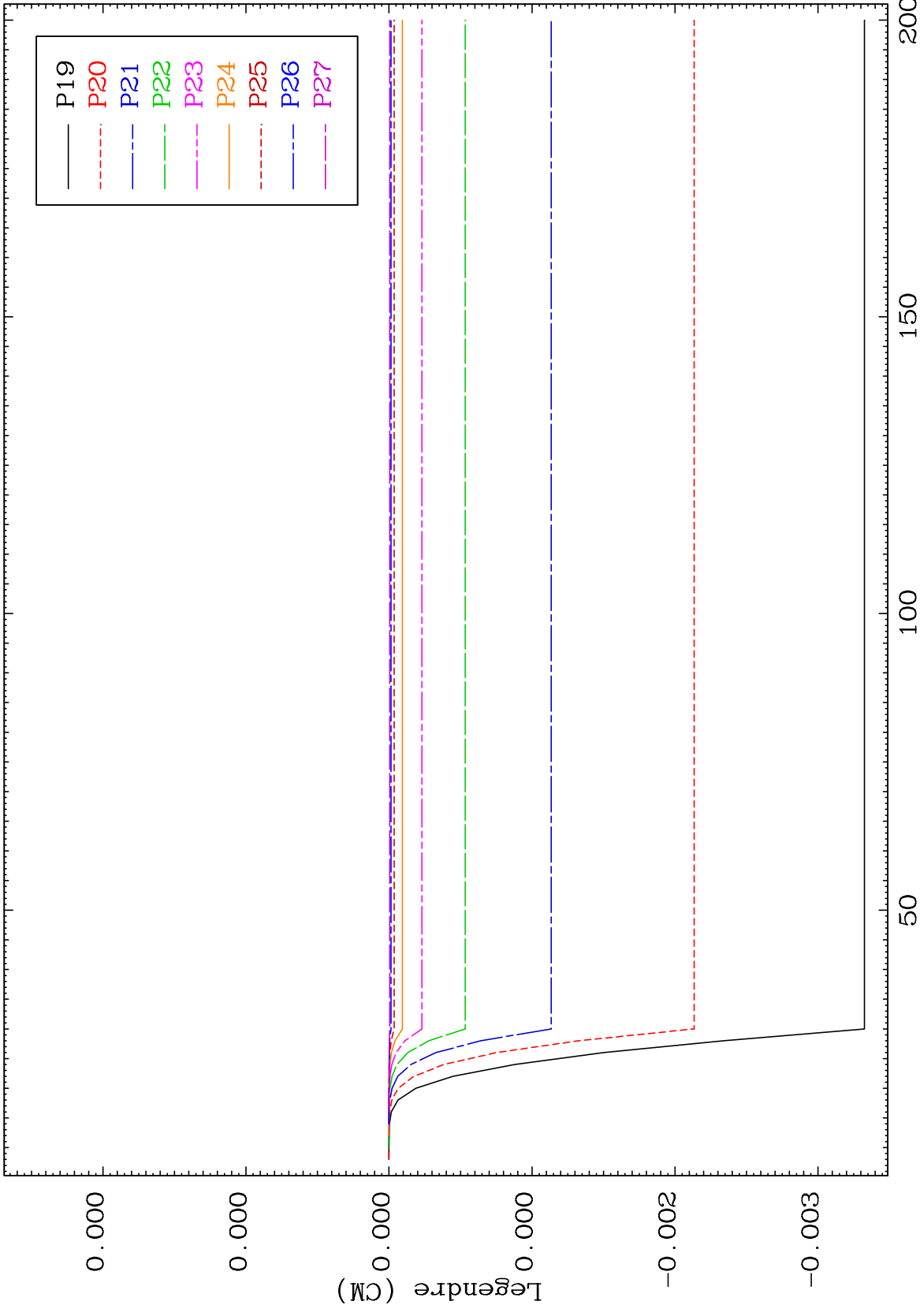
50-Sn-130



MAT 5079

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

50-Sn-130

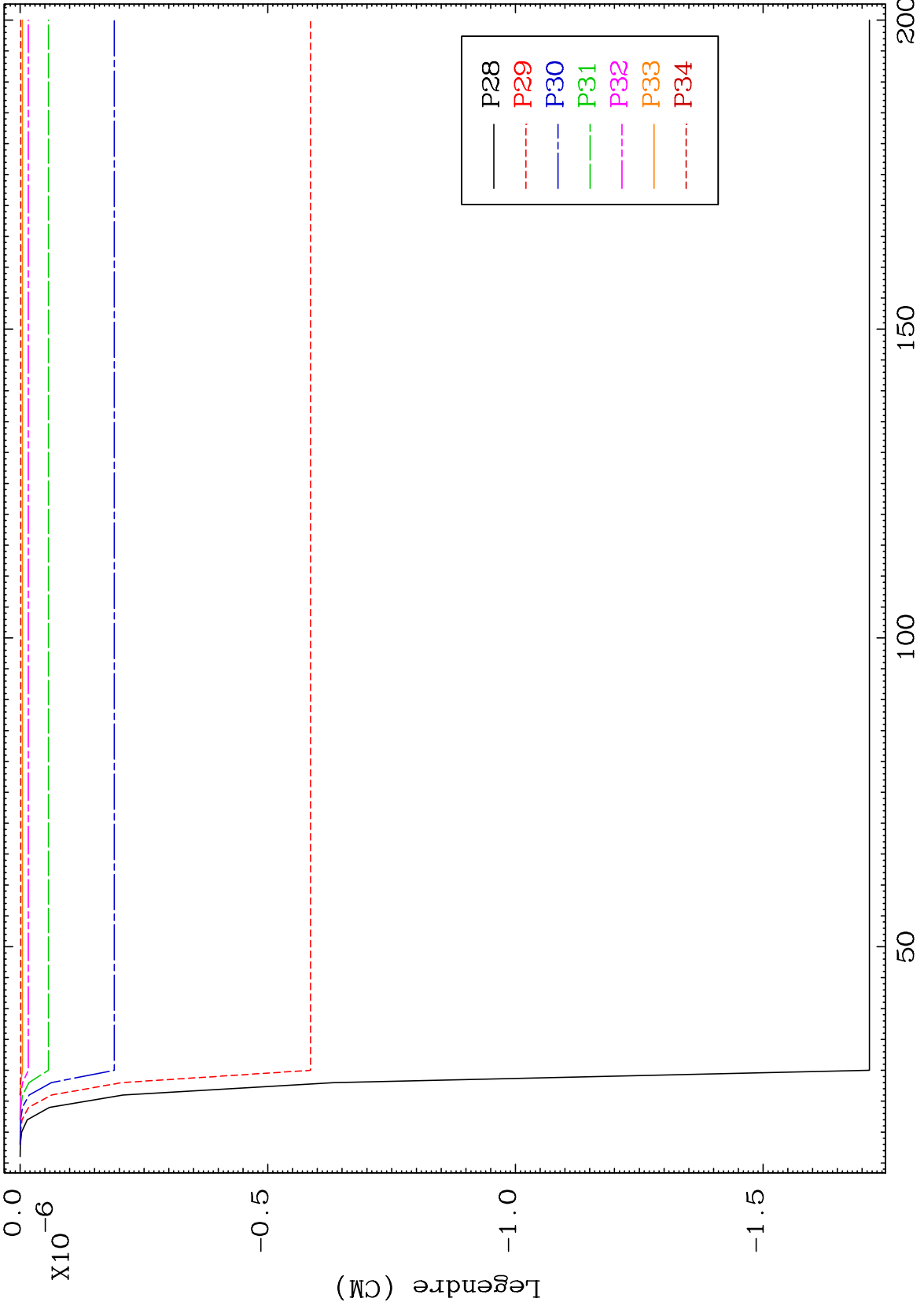


63

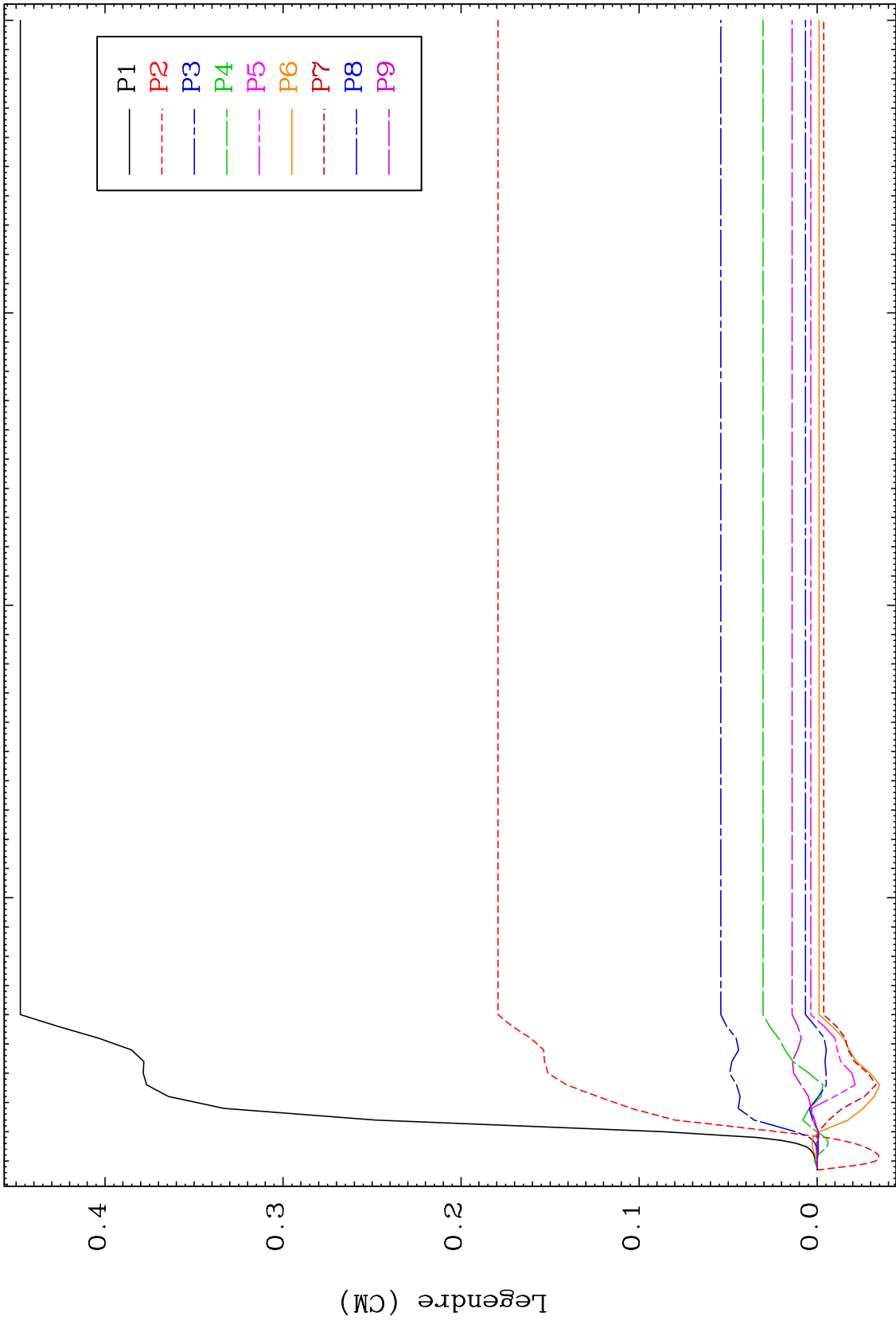
Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-130

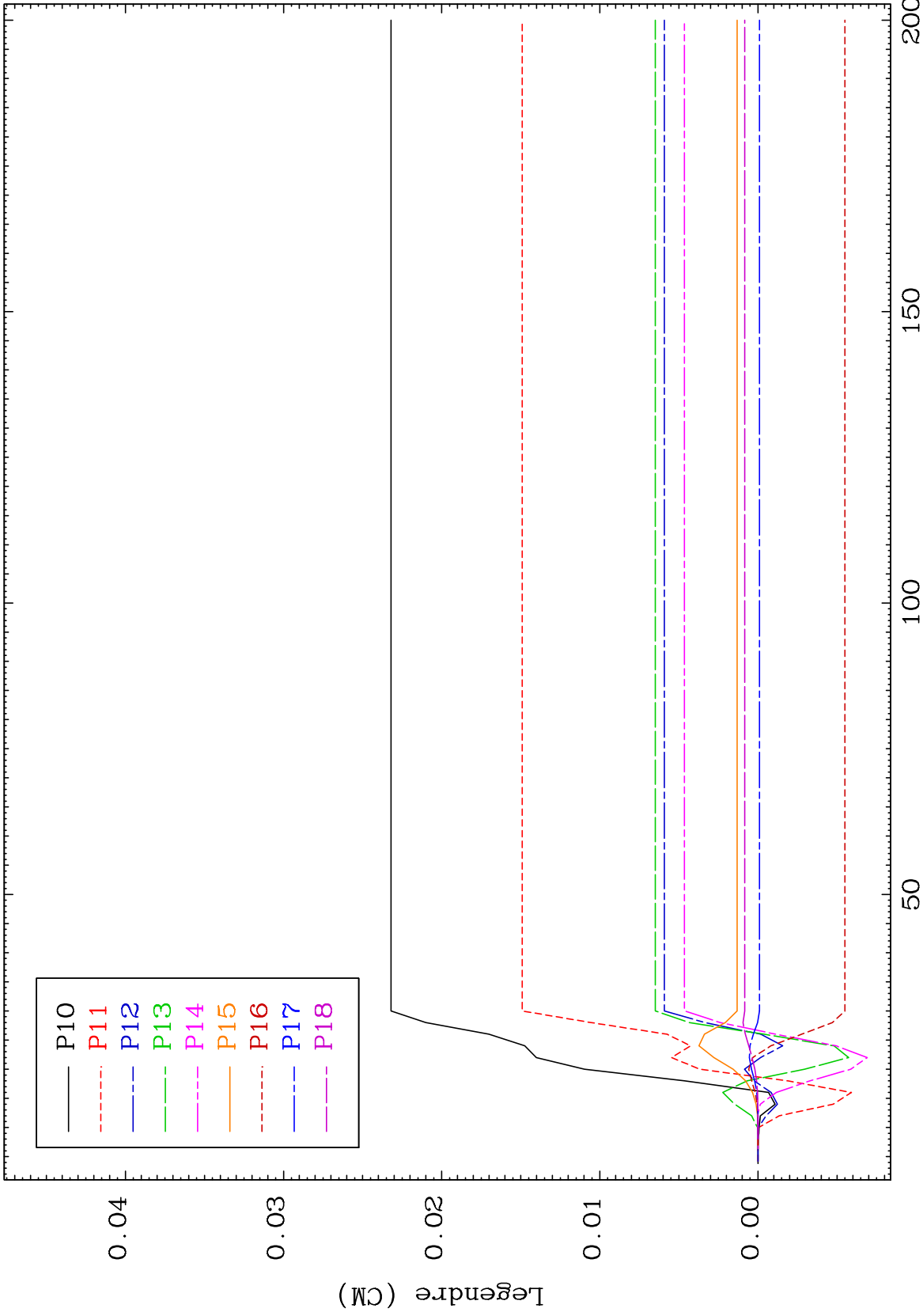


Legendre (CM) Incident Energy (MeV) 65 50-Sn-130

MAT 5079

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

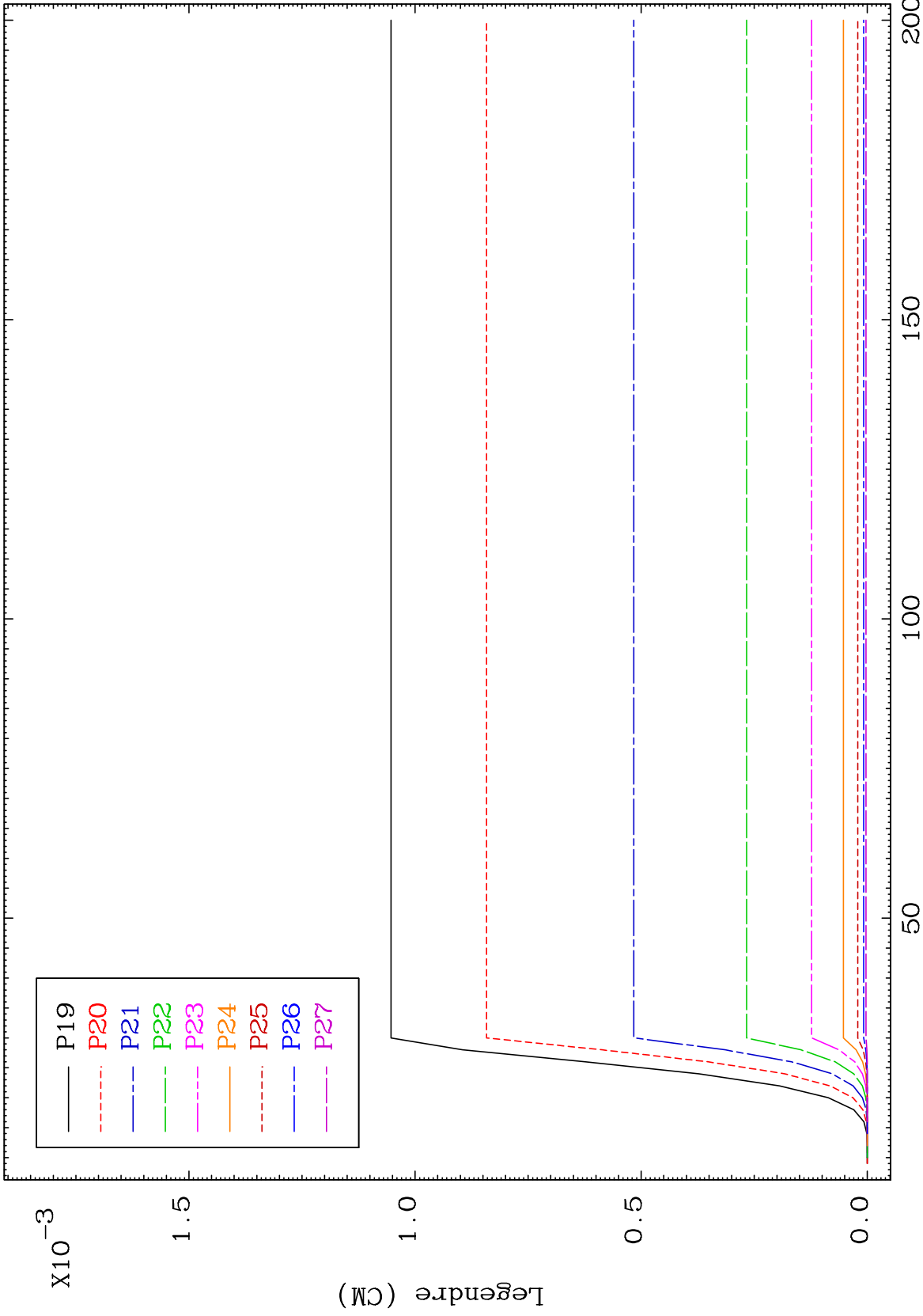
50-Sn-130



MAT 5079

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

50-Sn-130



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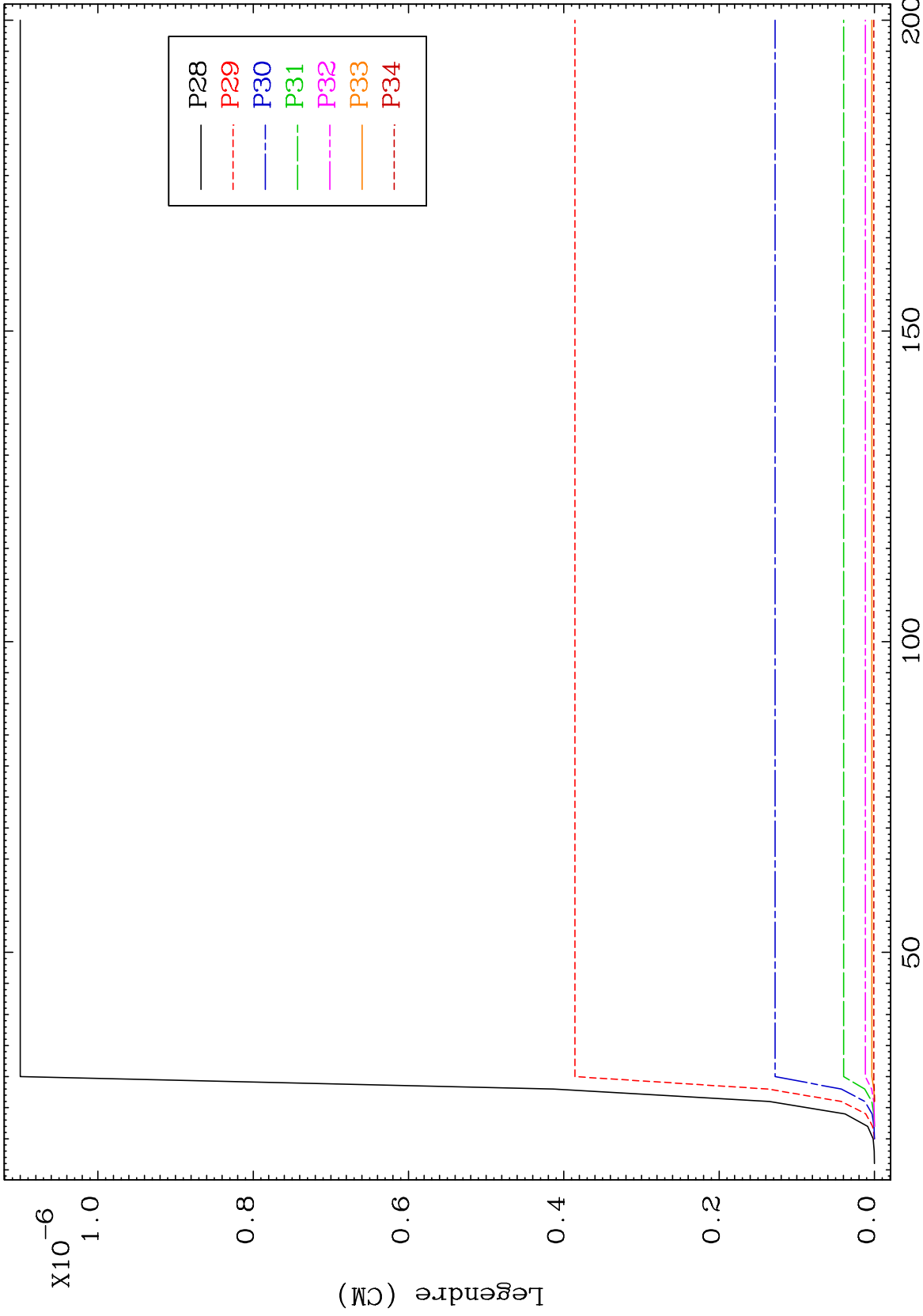
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130

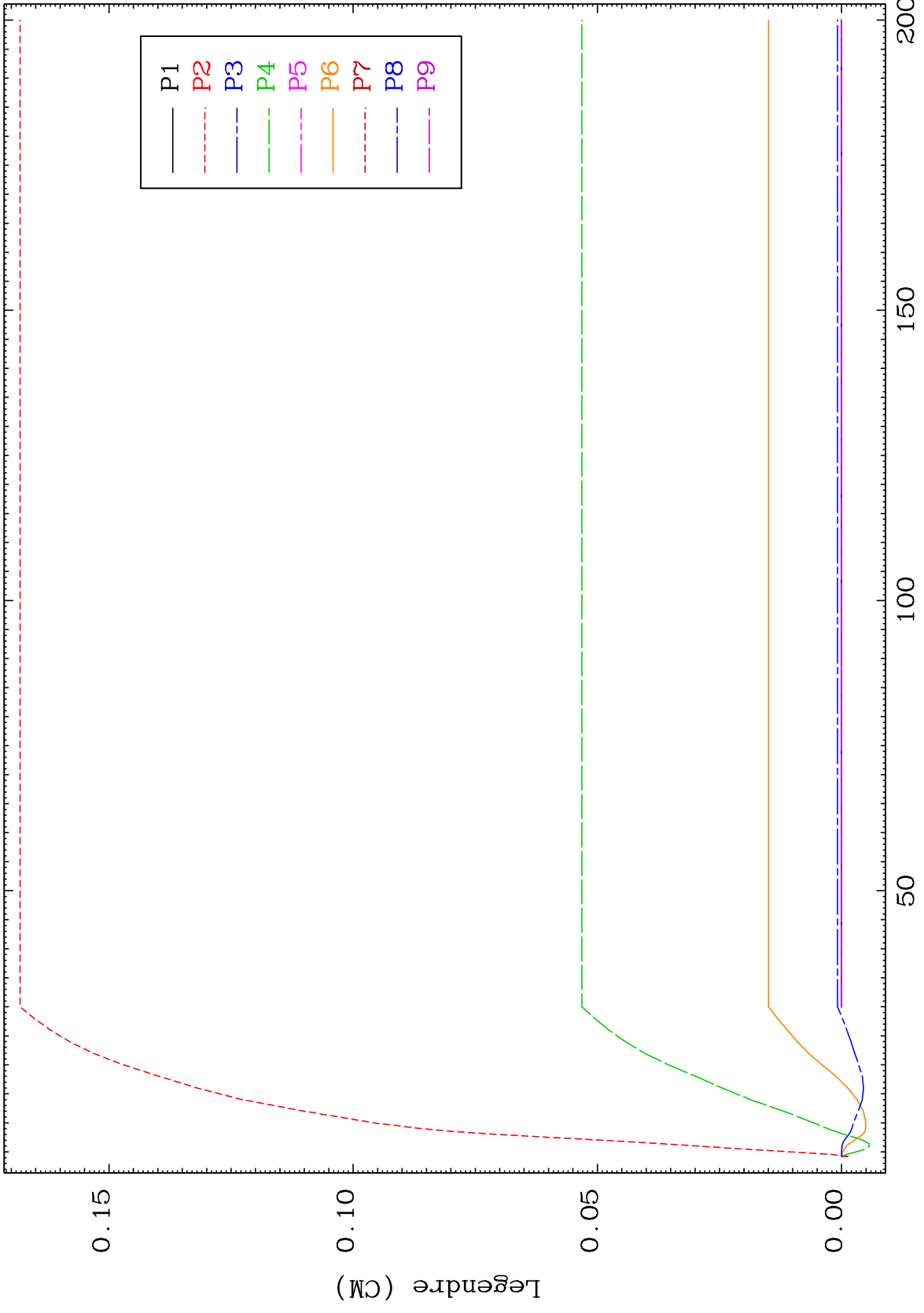


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Incident Energy (MeV)

50-Sn-130

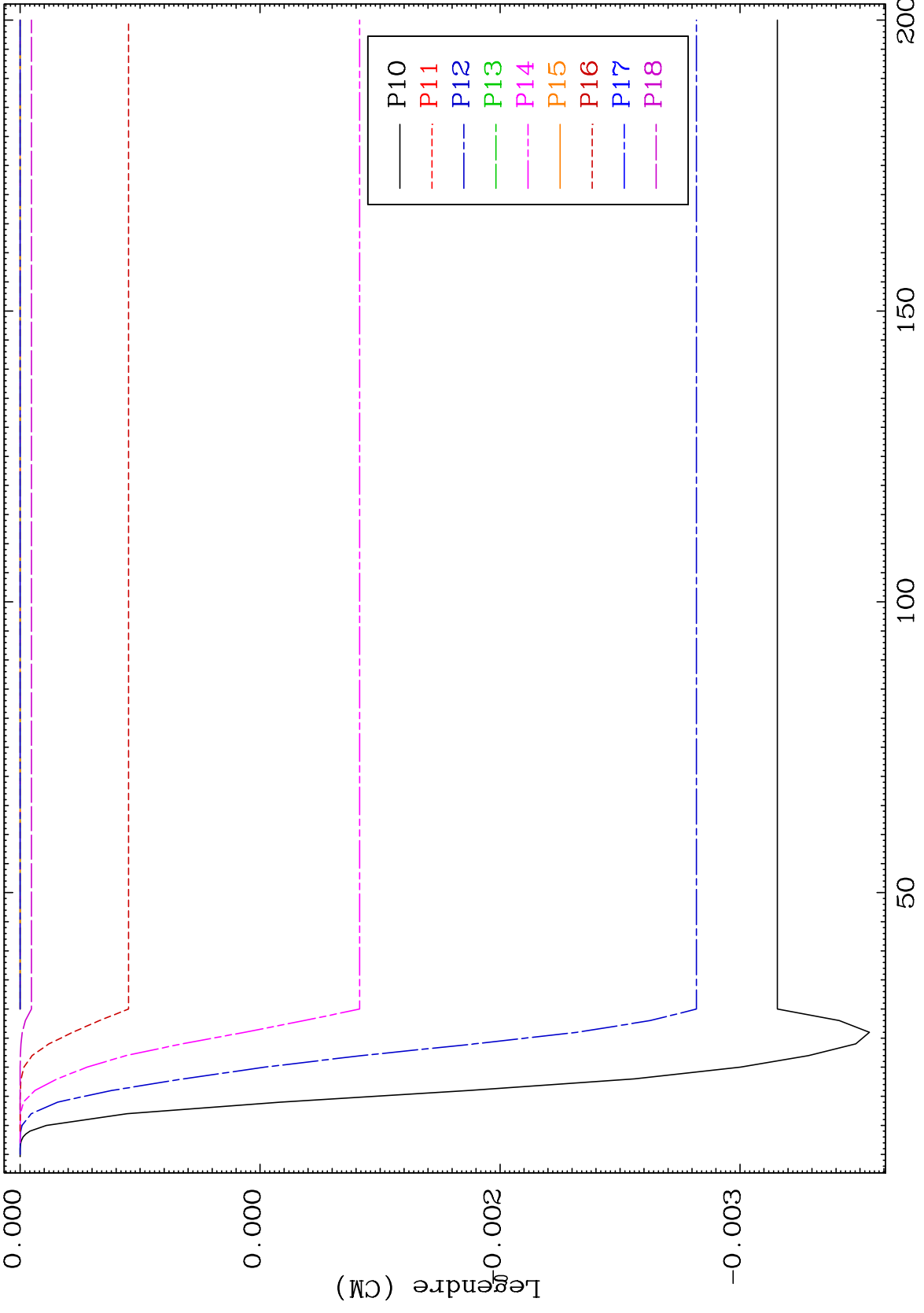
MAT 5079 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-130



69

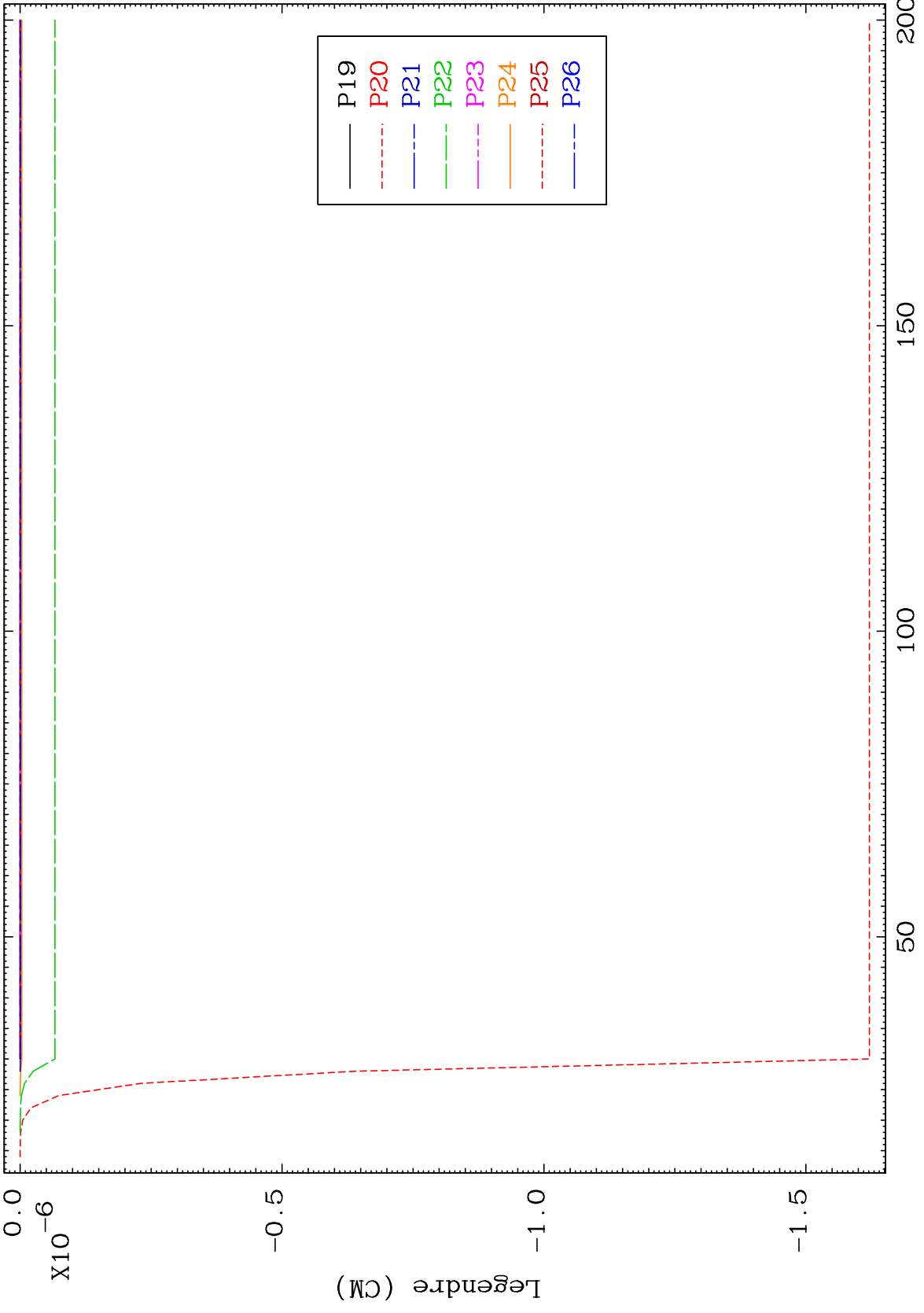
50-Sn-130

MAT 5079 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-130

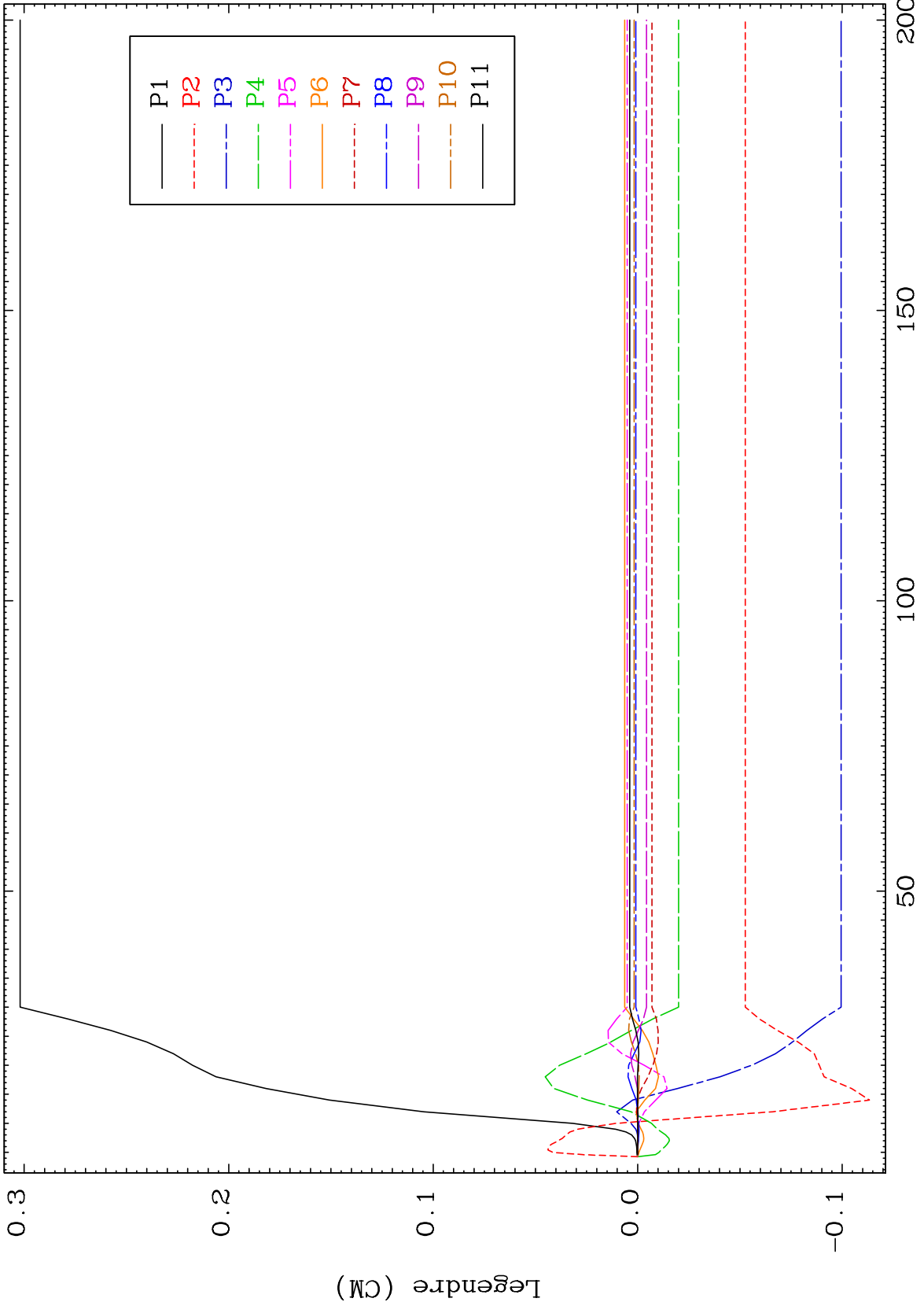


70 Incident Energy (MeV) 50-Sn-130

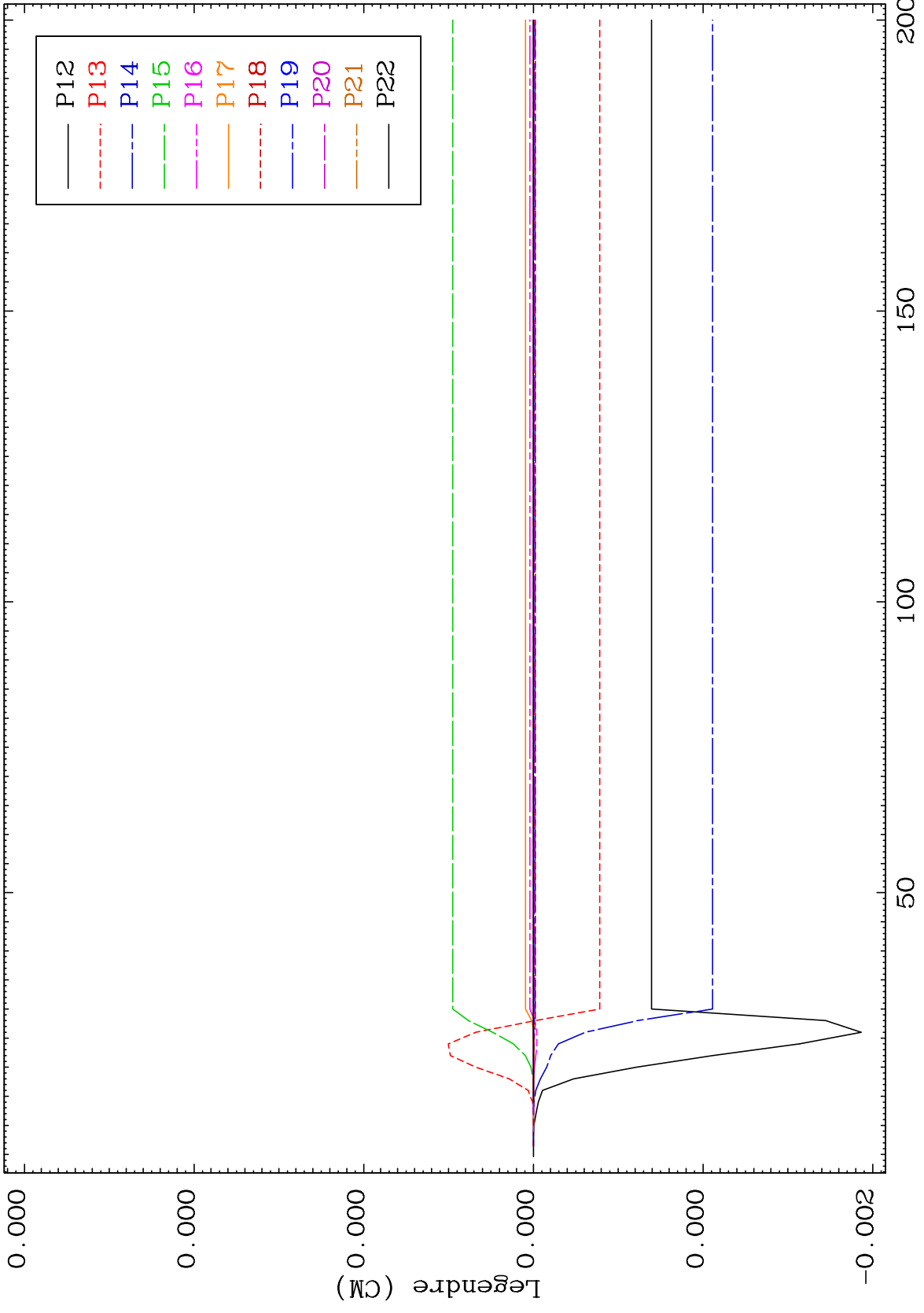
MAT 5079 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-130



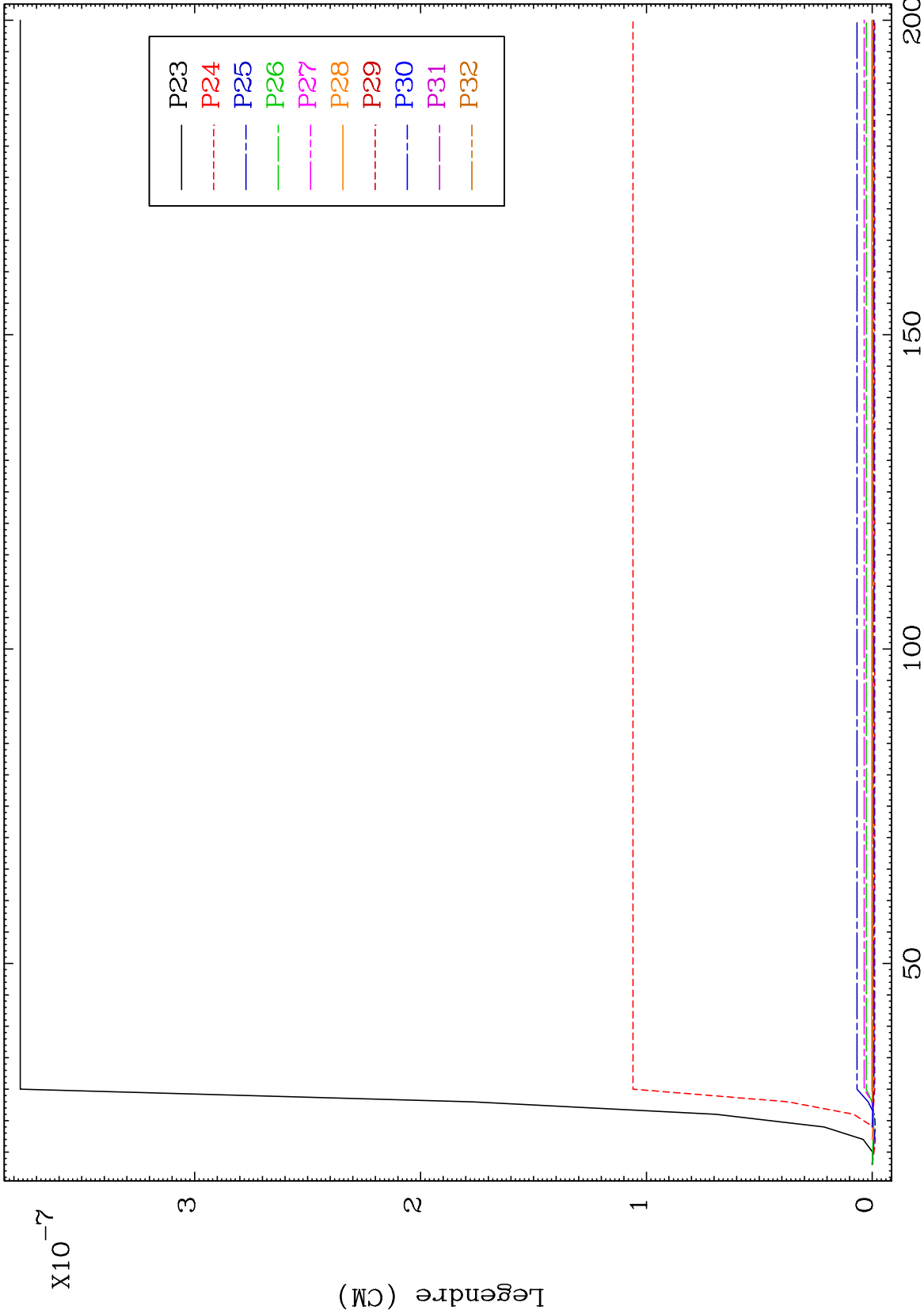
MAT 5079 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

50-Sn-130

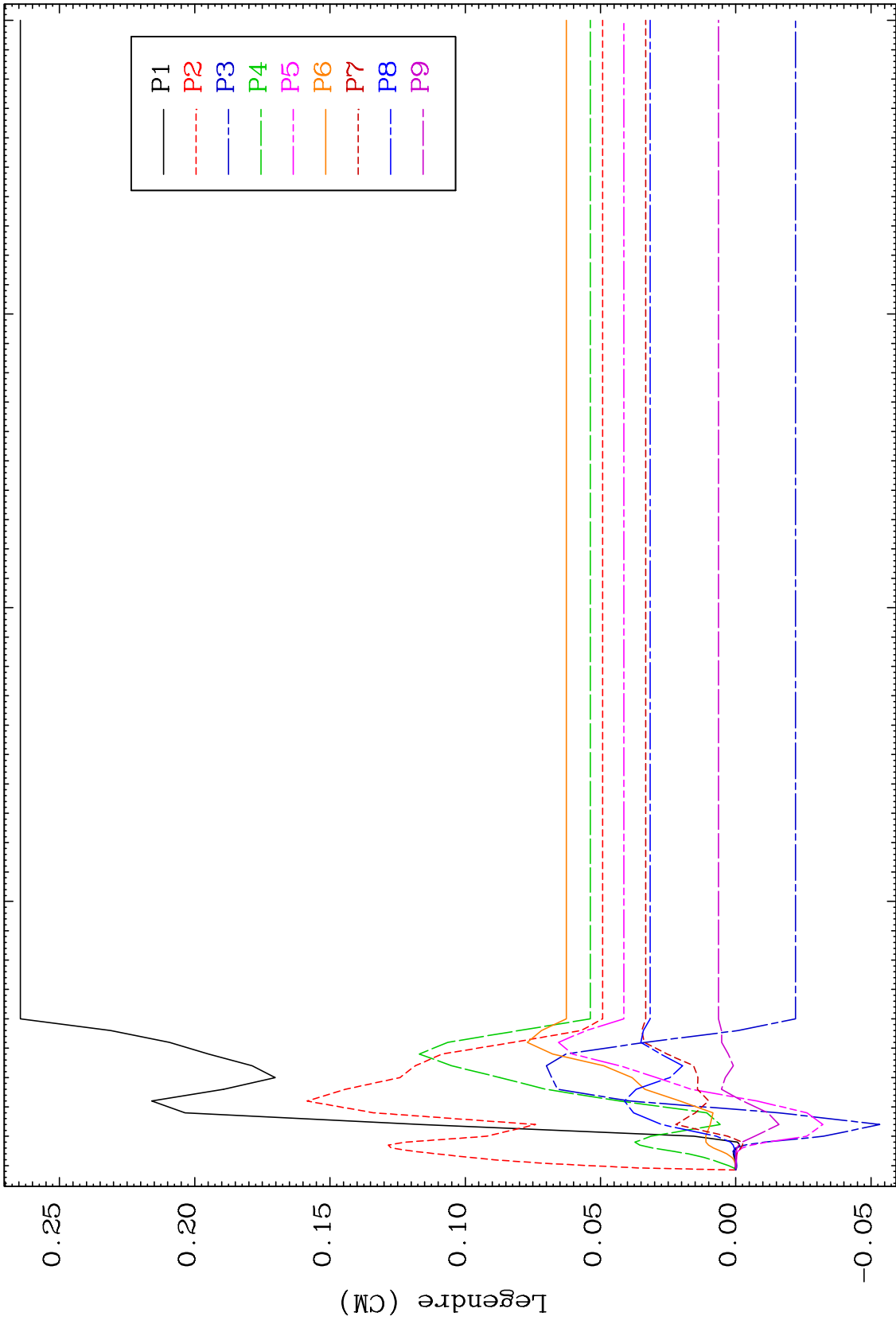


74

Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-130

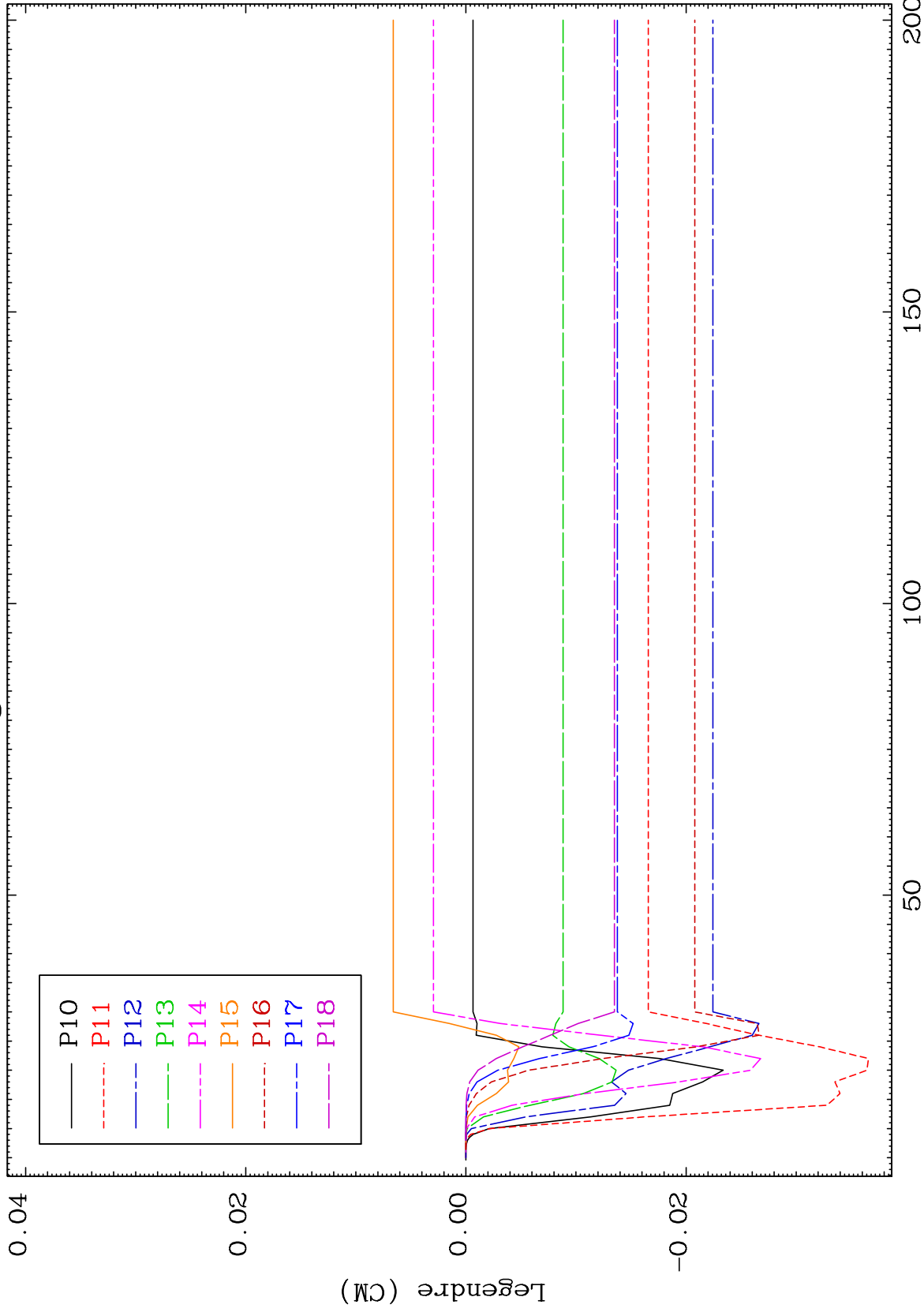


75 Incident Energy (MeV) 50-Sn-130

MAT 5079

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

50-Sn-130

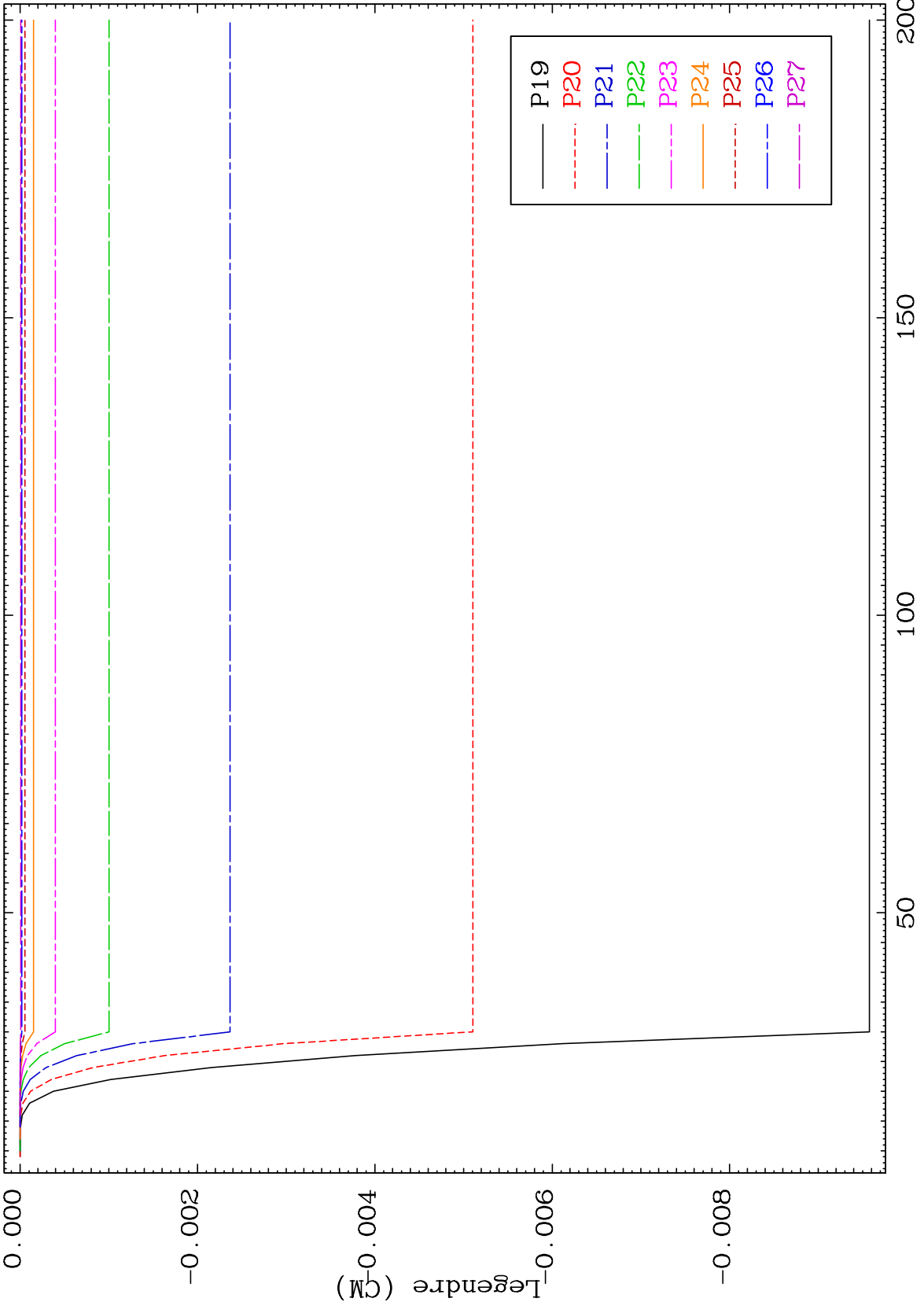


76

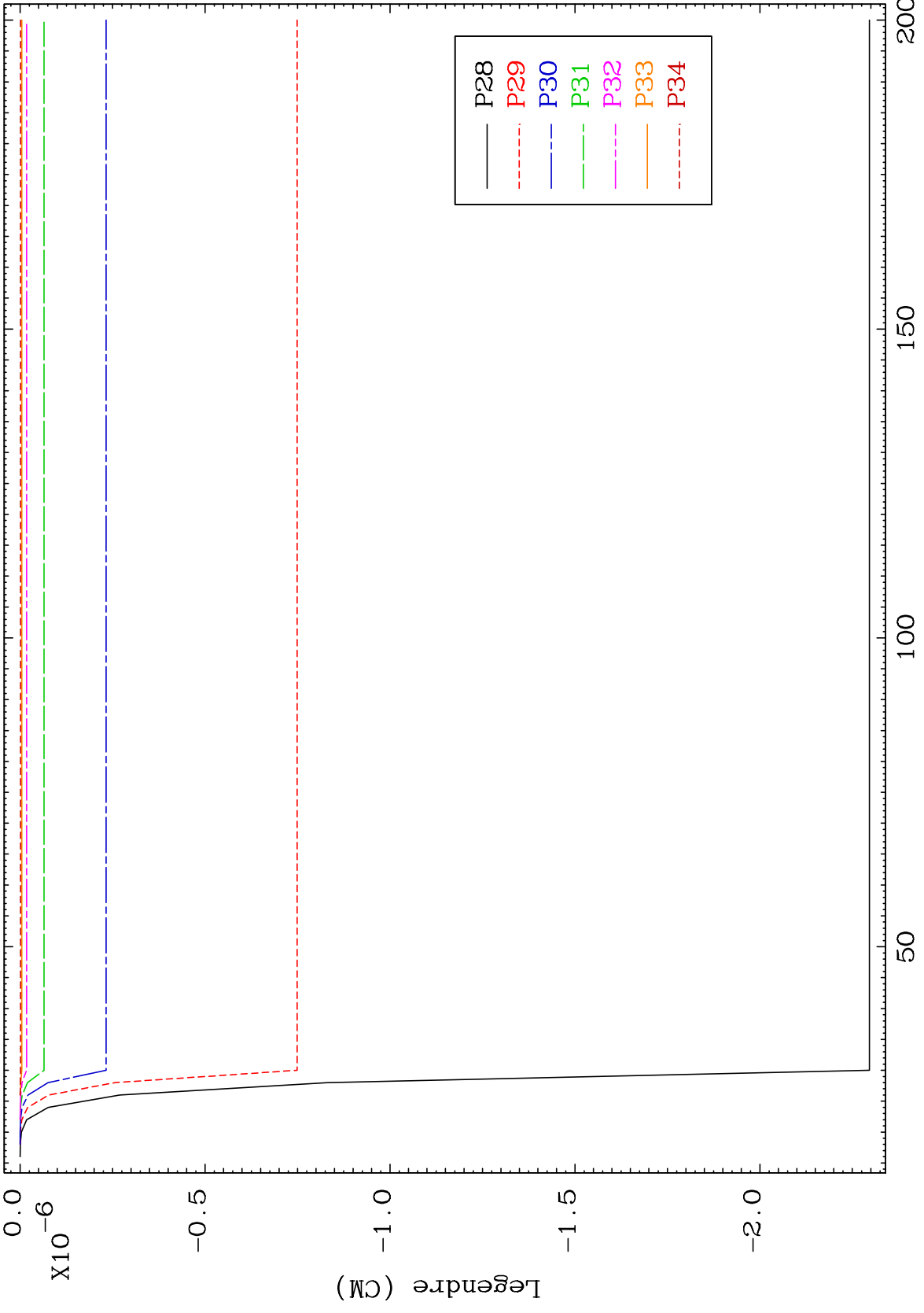
Incident Energy (MeV)

50-Sn-130

MAT 5079 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-130

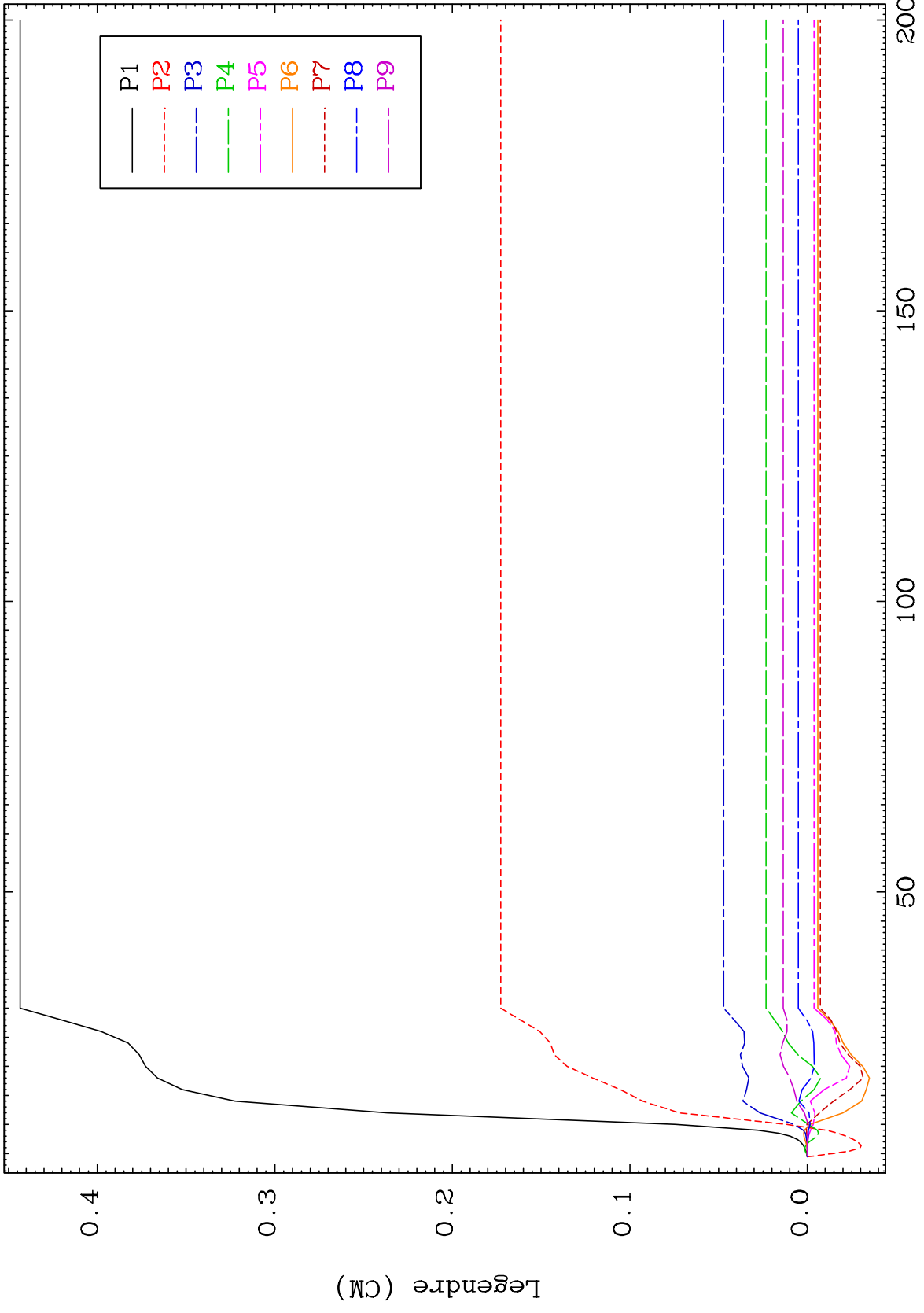


MAT 5079 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-130



78 50-Sn-130

MAT 5079 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-130



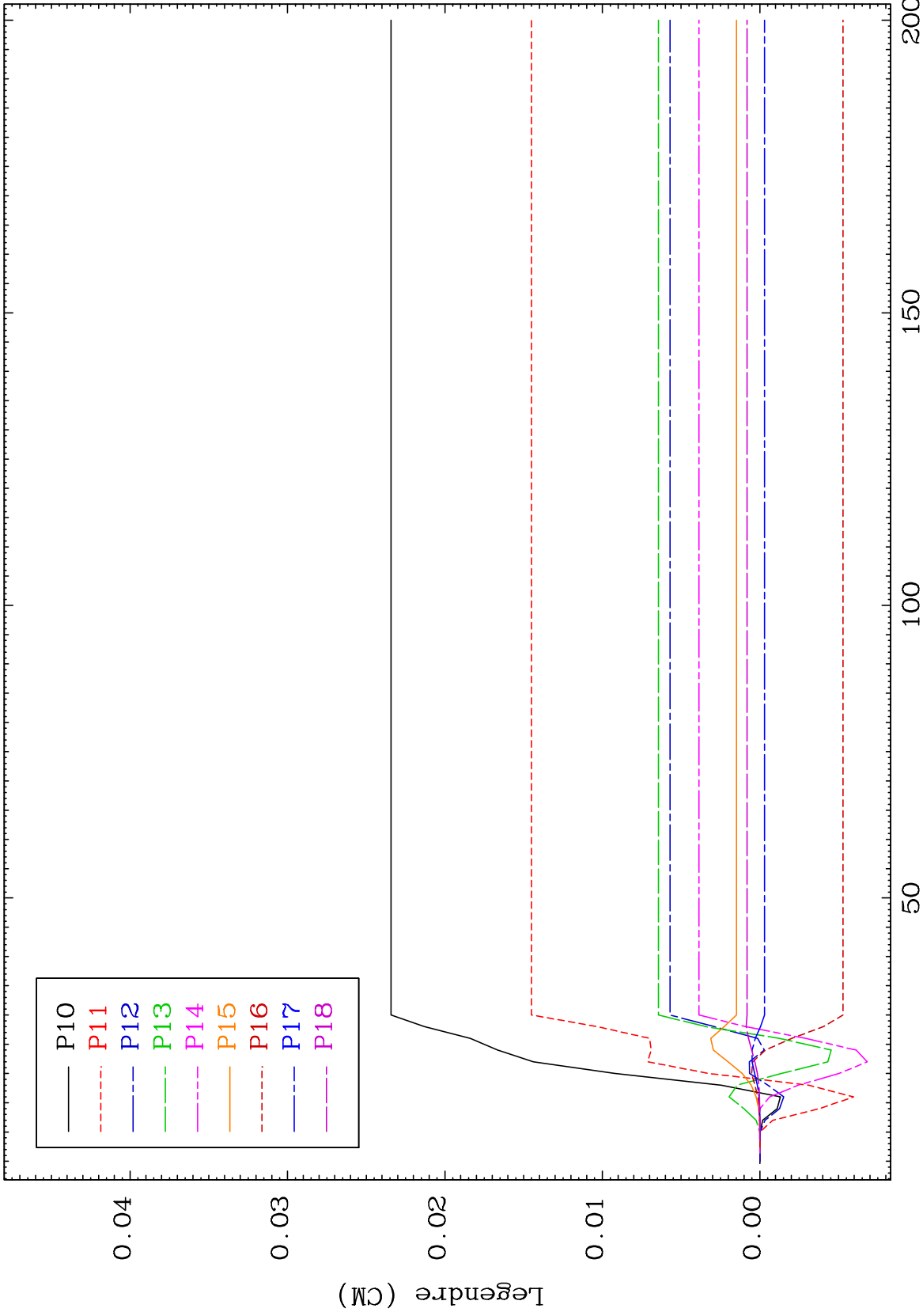
79

50-Sn-130

MAT 5079

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

50-Sn-130



80

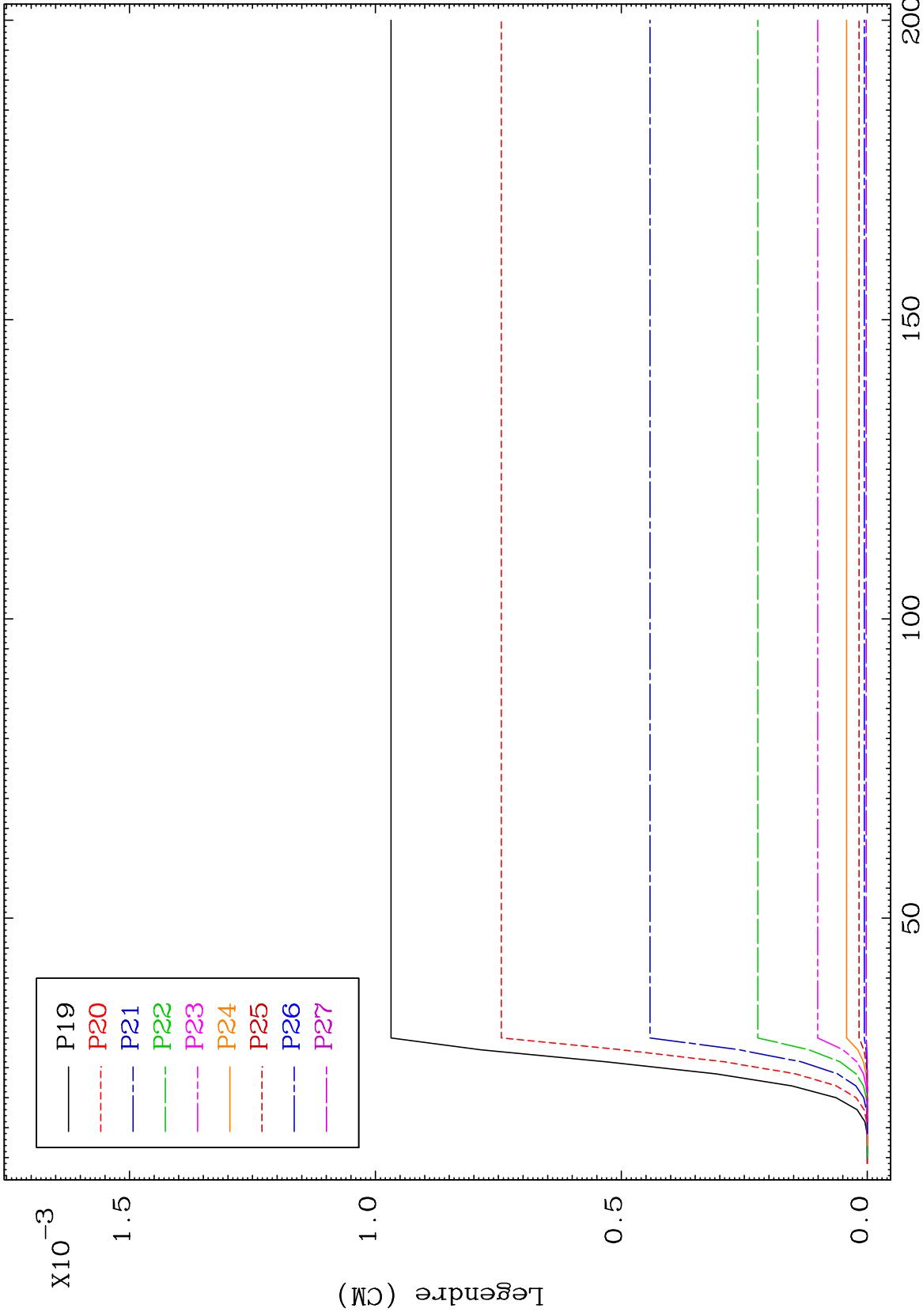
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130



81

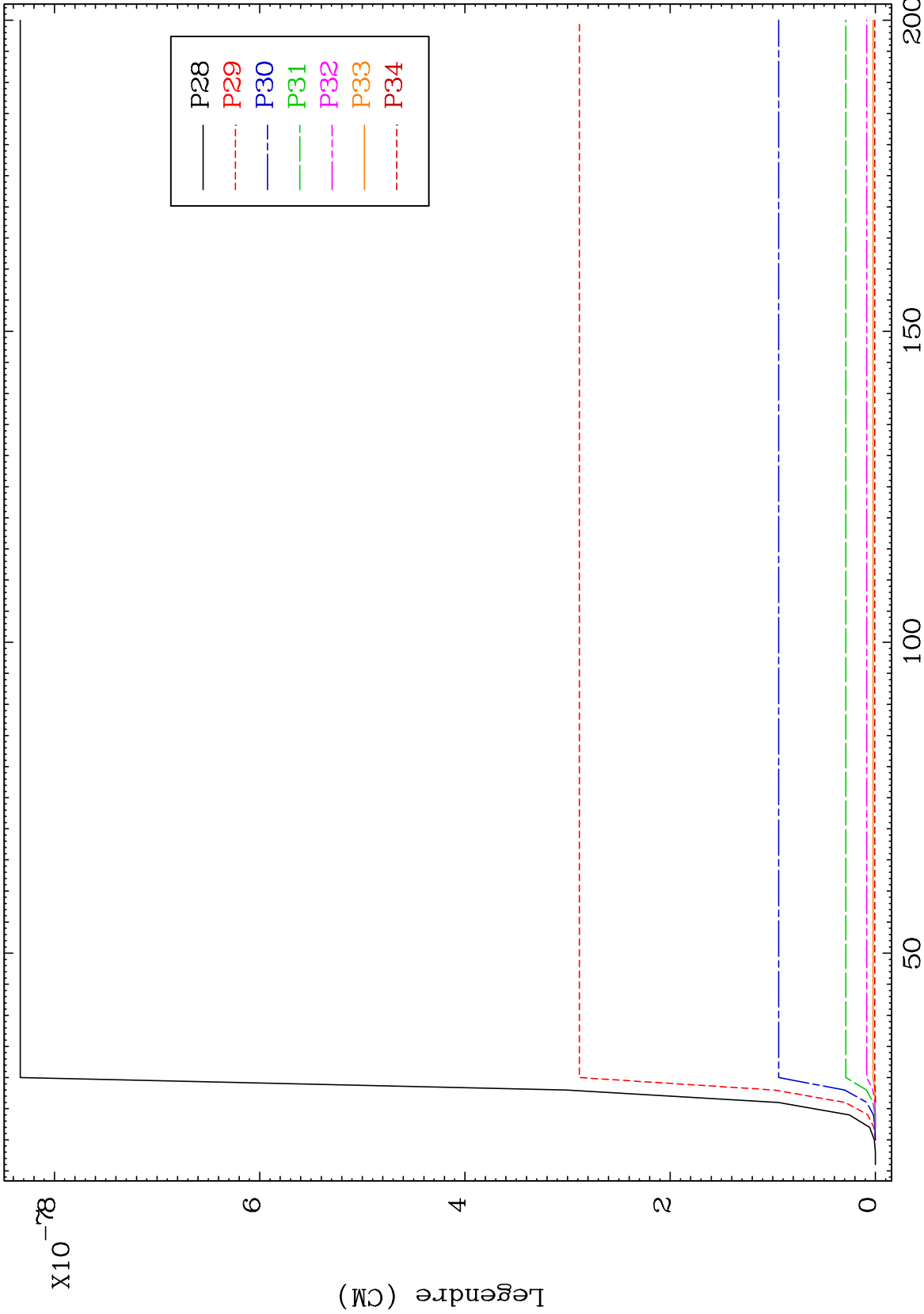
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

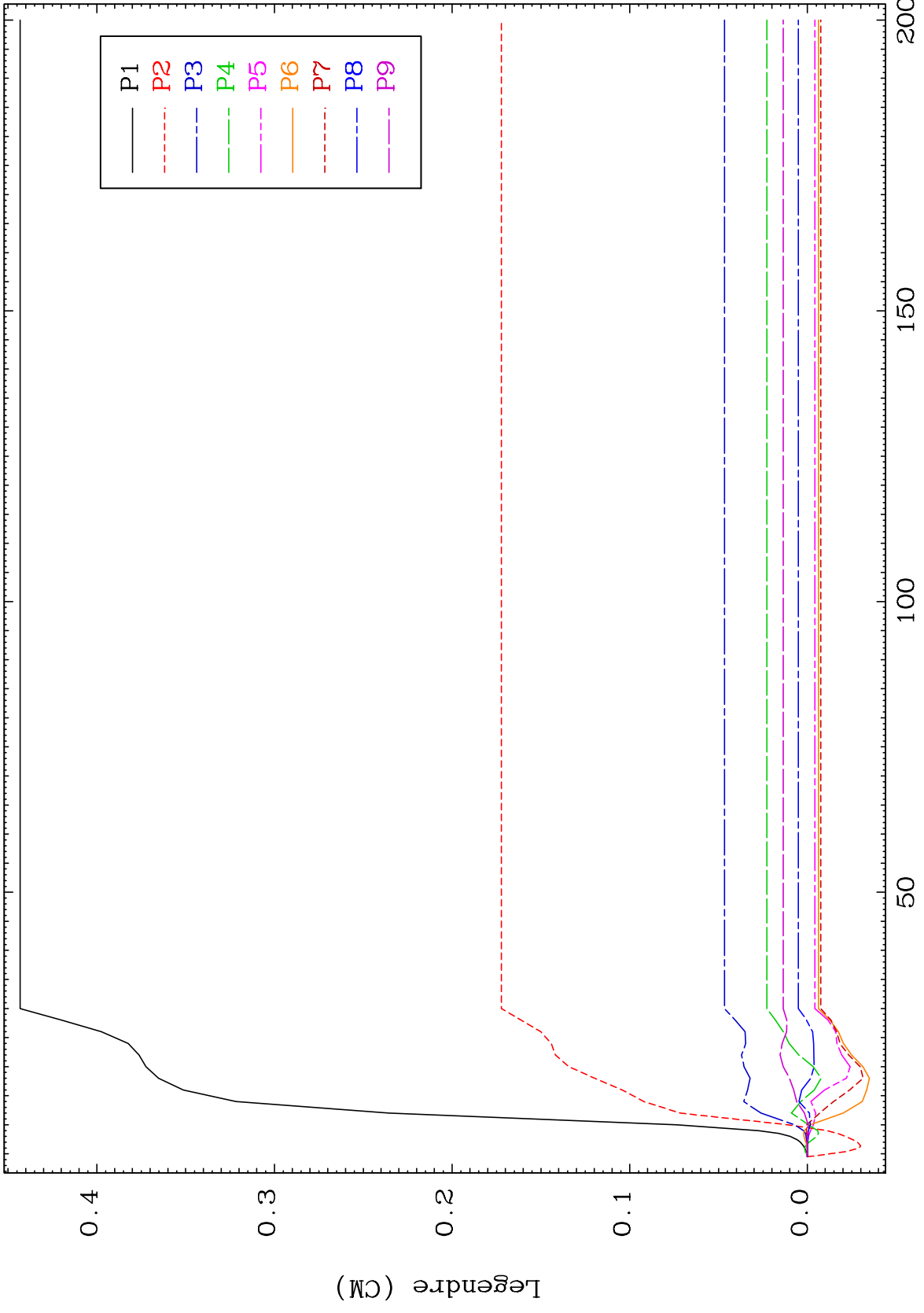
50-Sn-130



82

50-Sn-130

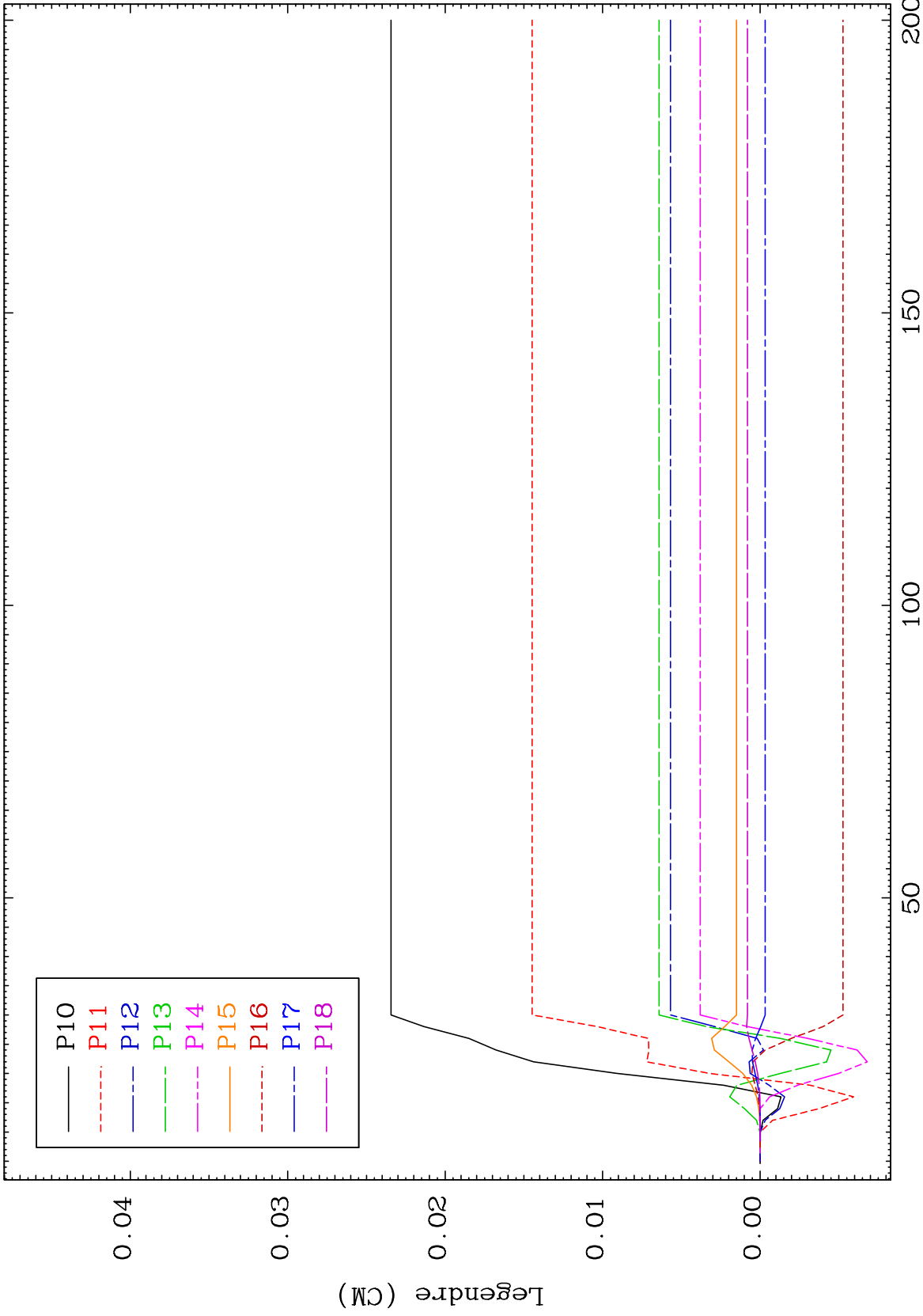
MAT 5079 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

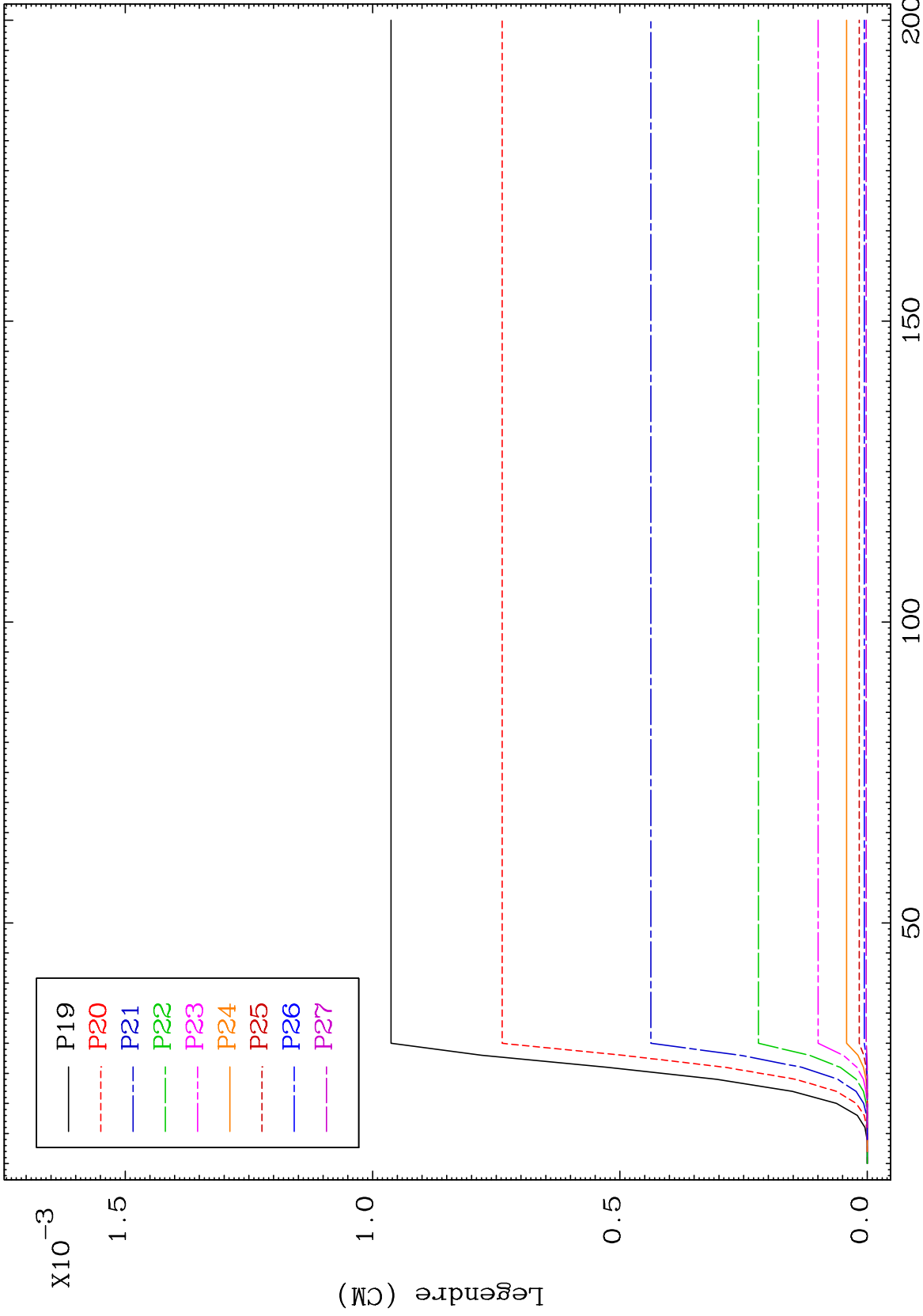
50-Sn-130



MAT 5079

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

50-Sn-130



85

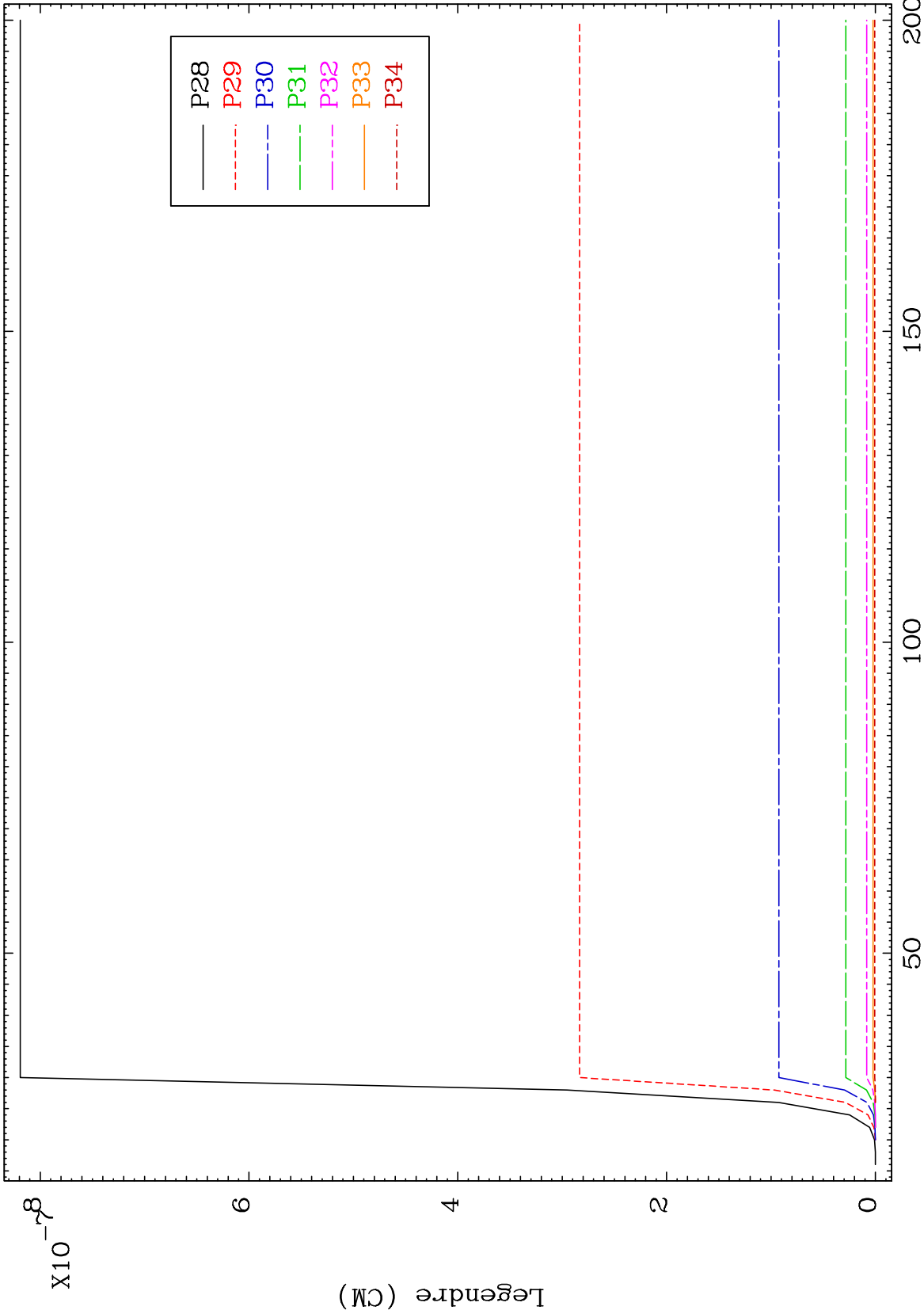
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130

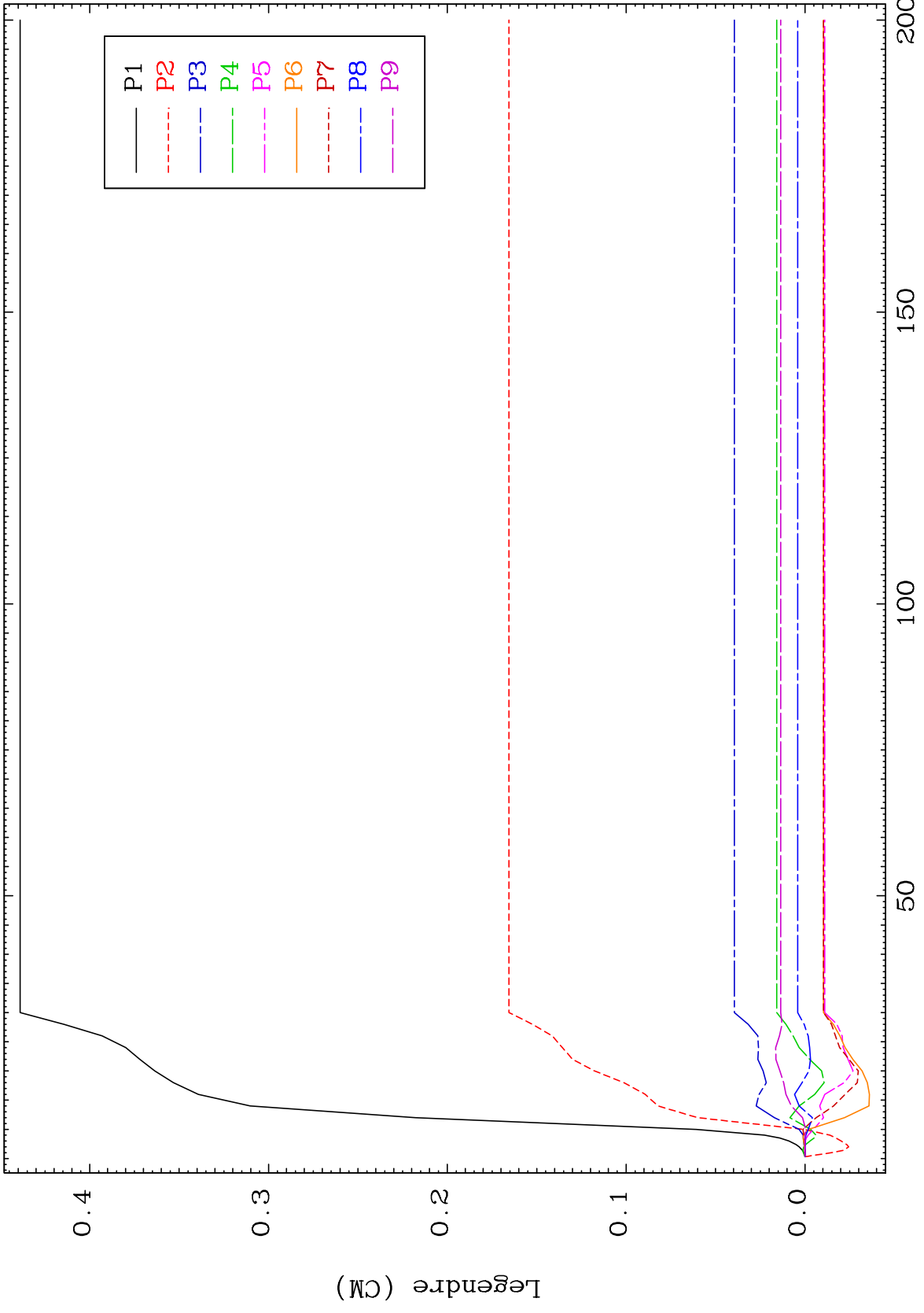


86

Incident Energy (MeV)

50-Sn-130

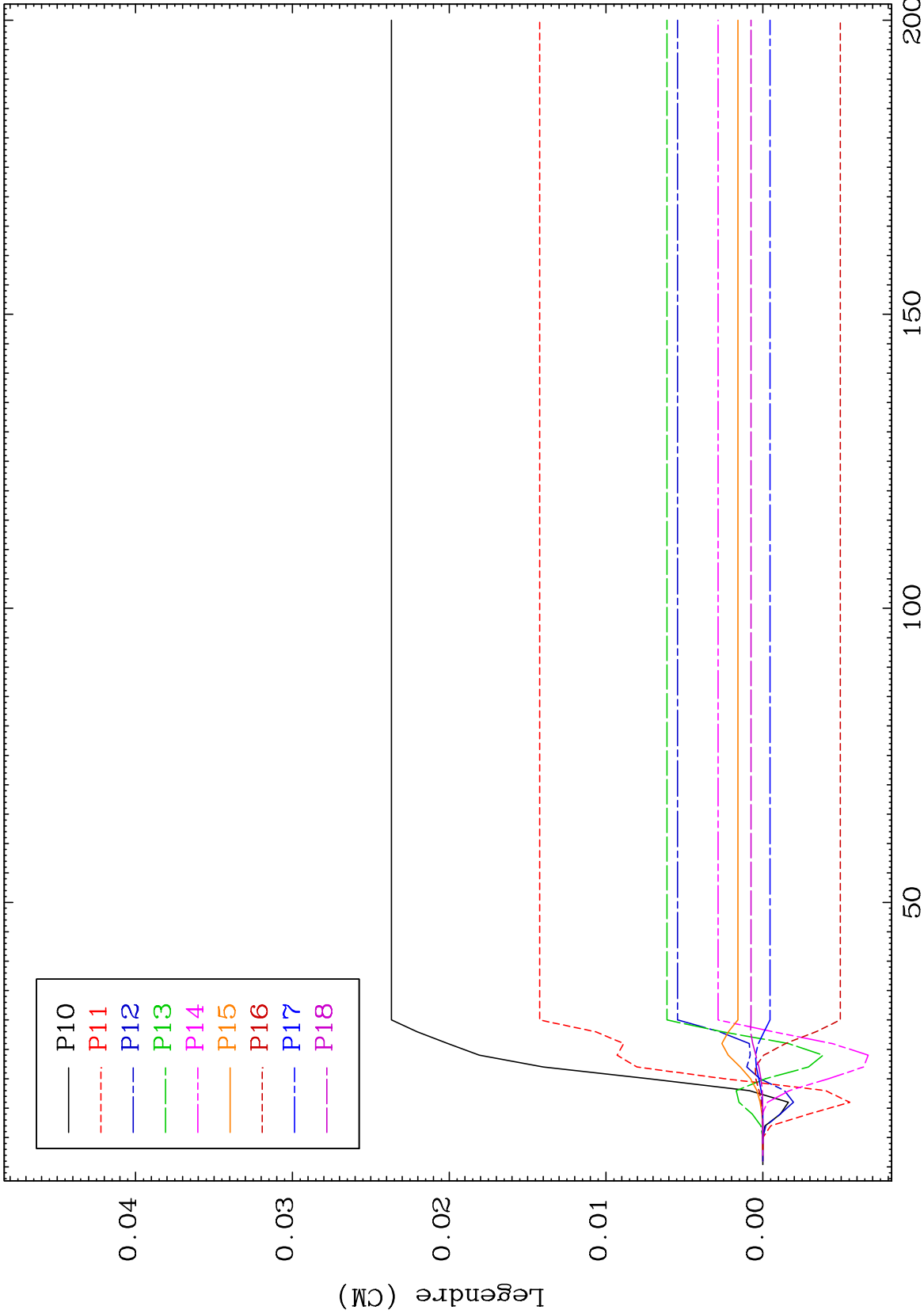
MAT 5079 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

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

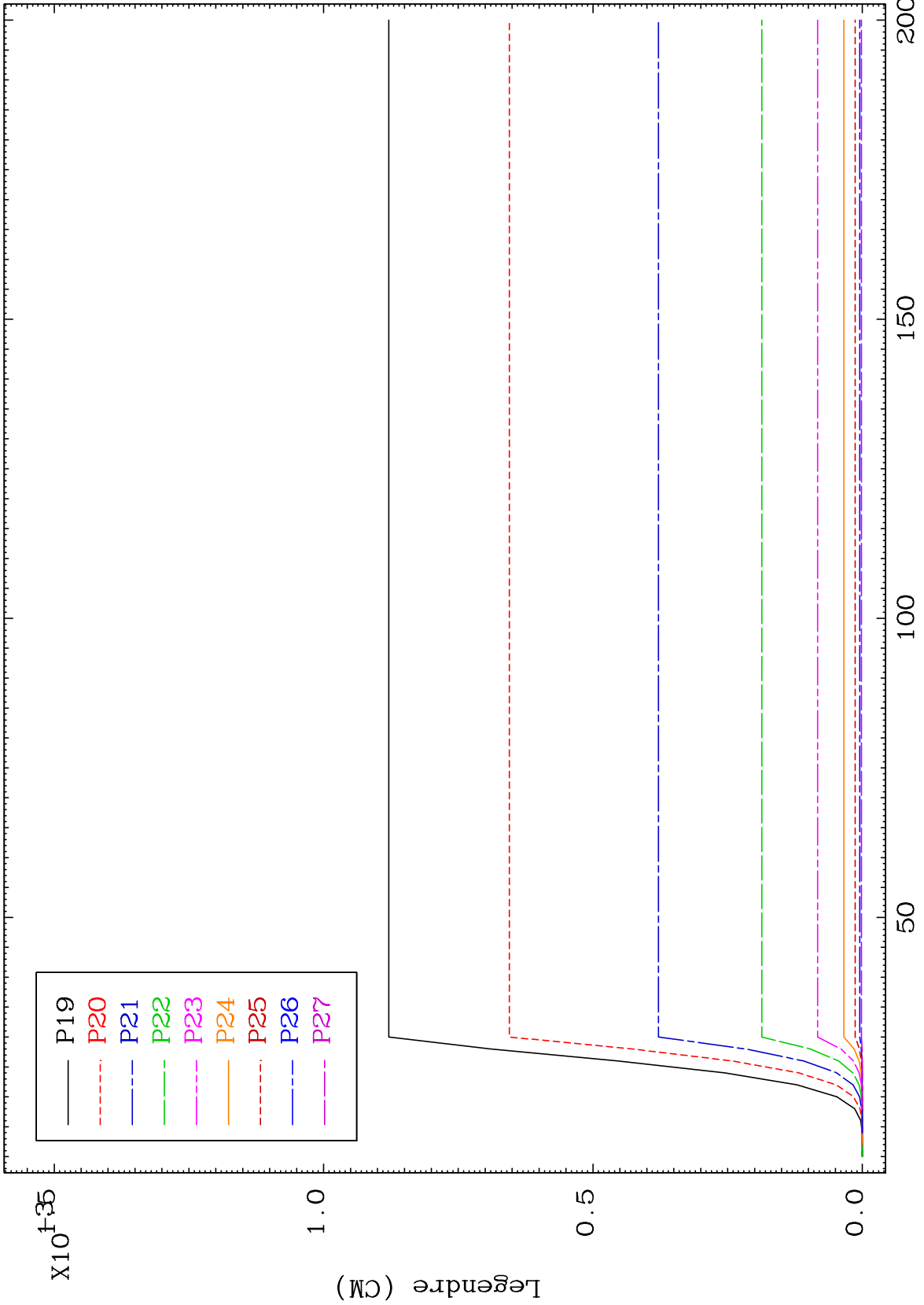
50-Sn-130



MAT 5079

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

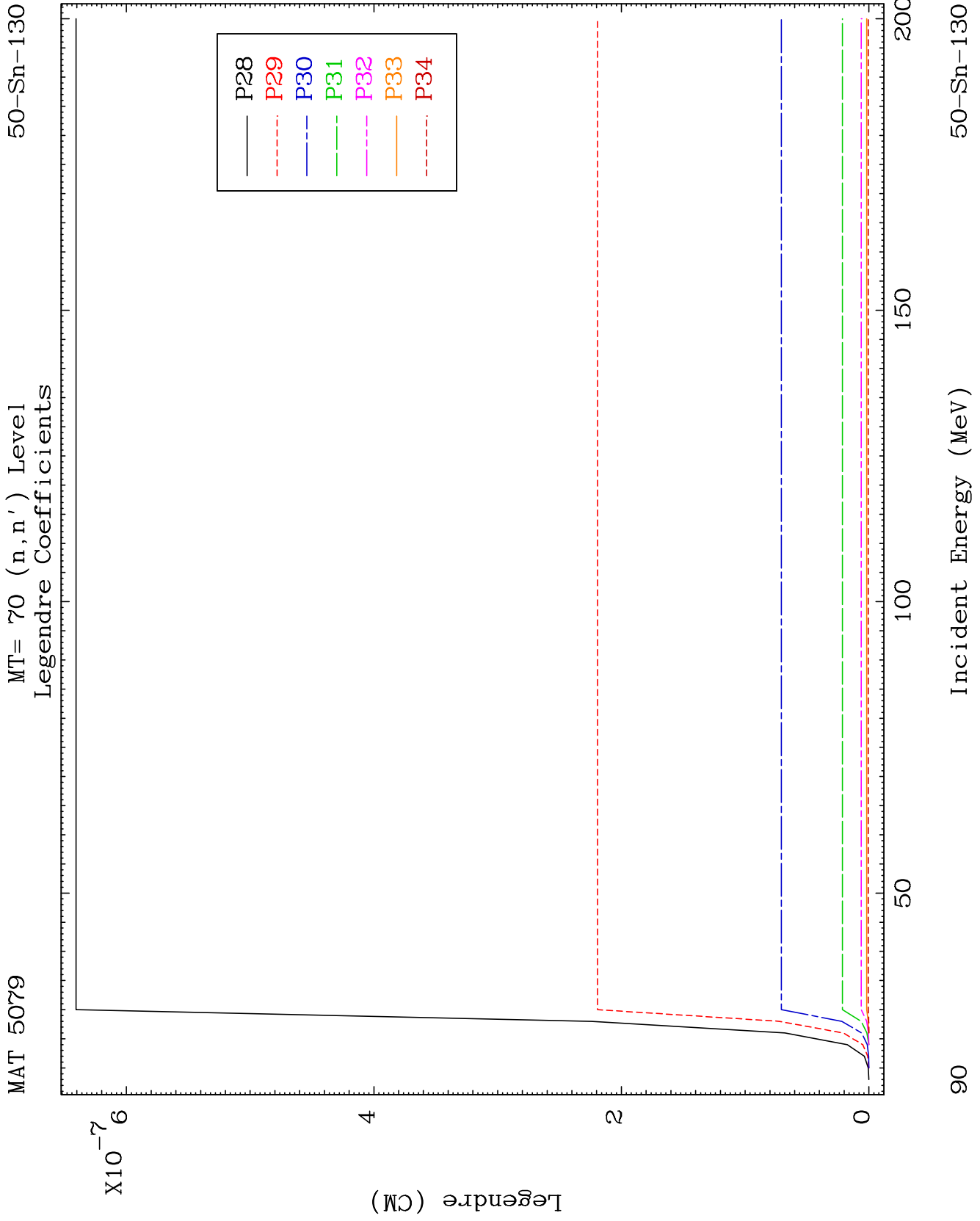
50-Sn-130

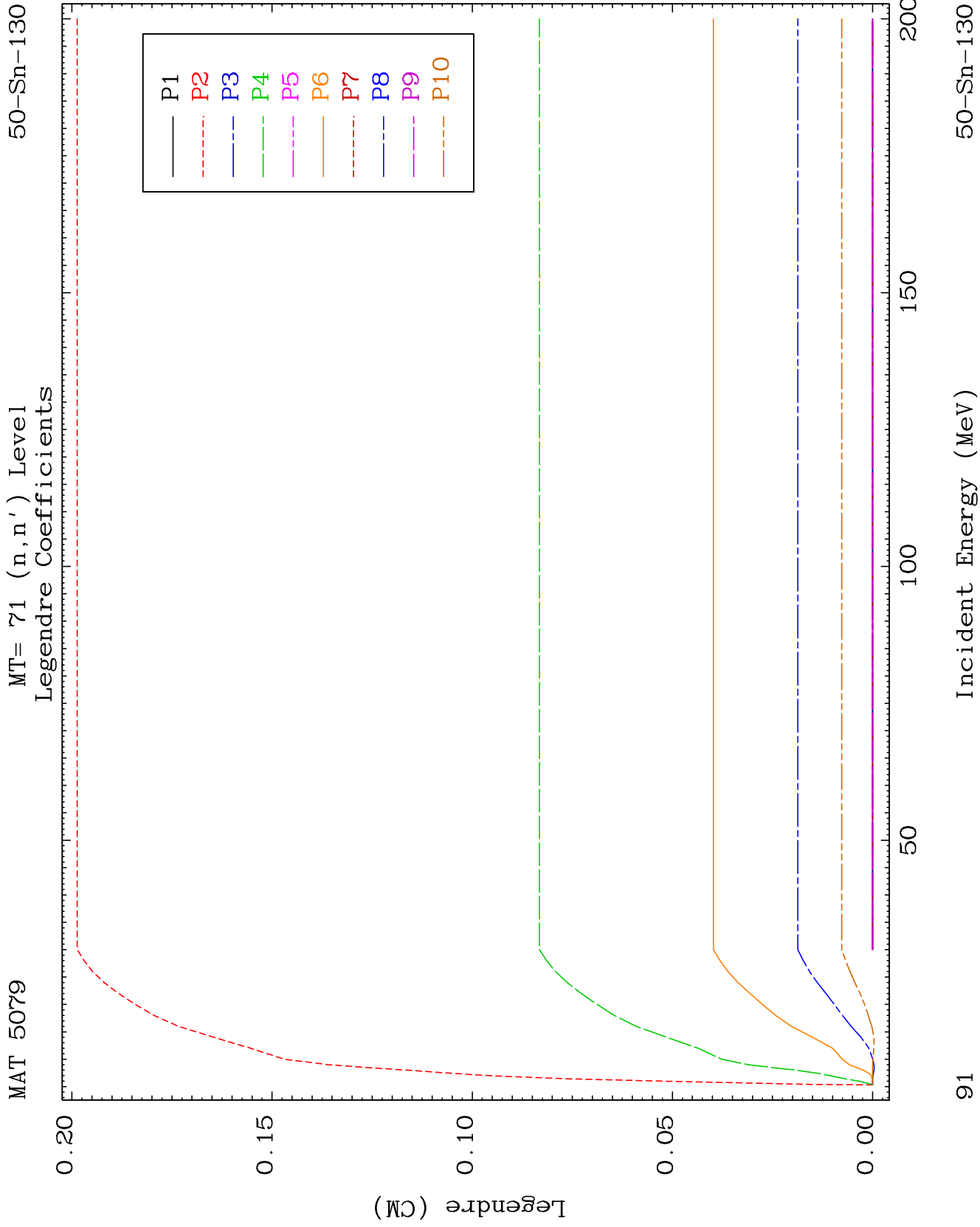


89

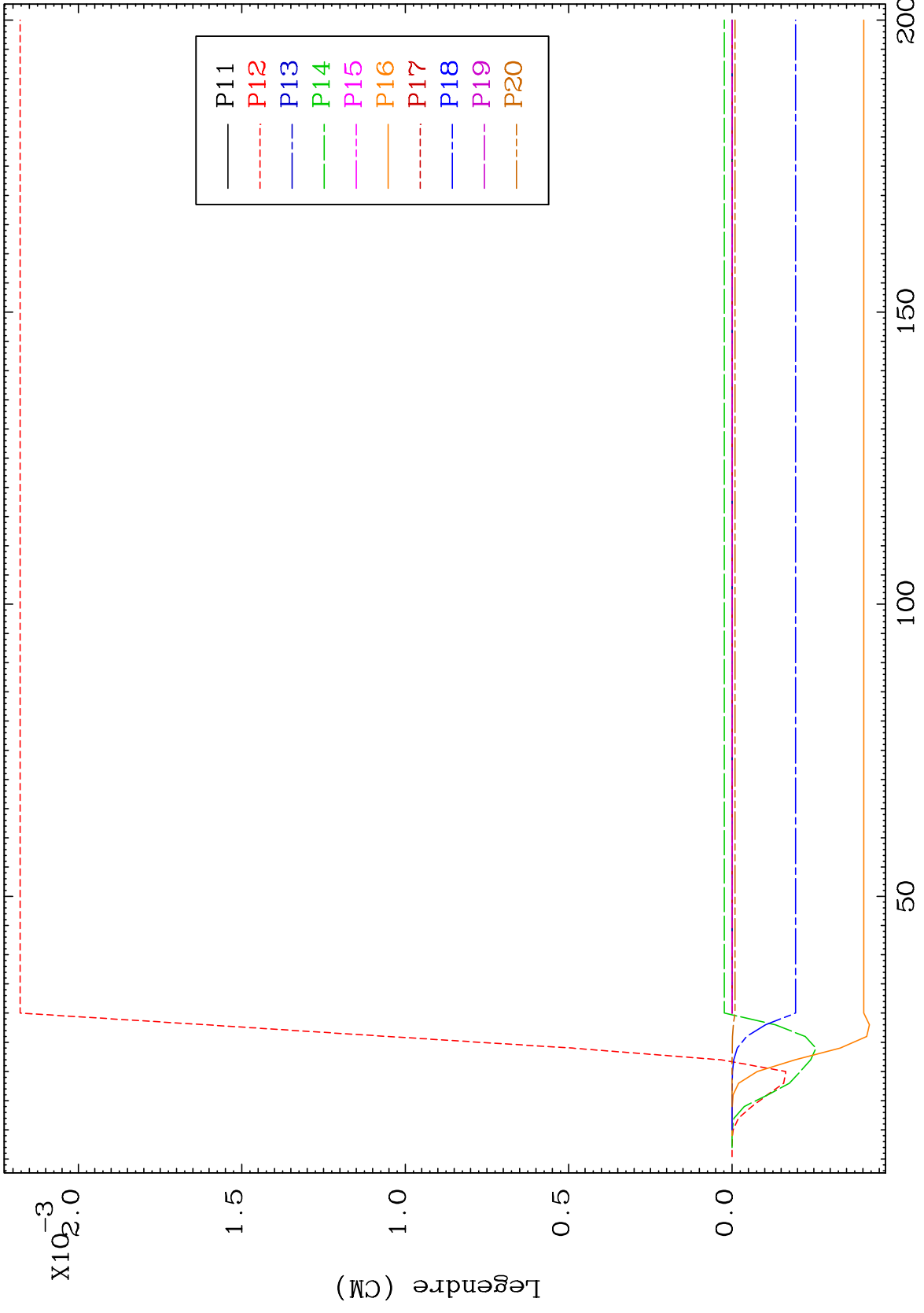
Incident Energy (MeV)

50-Sn-130

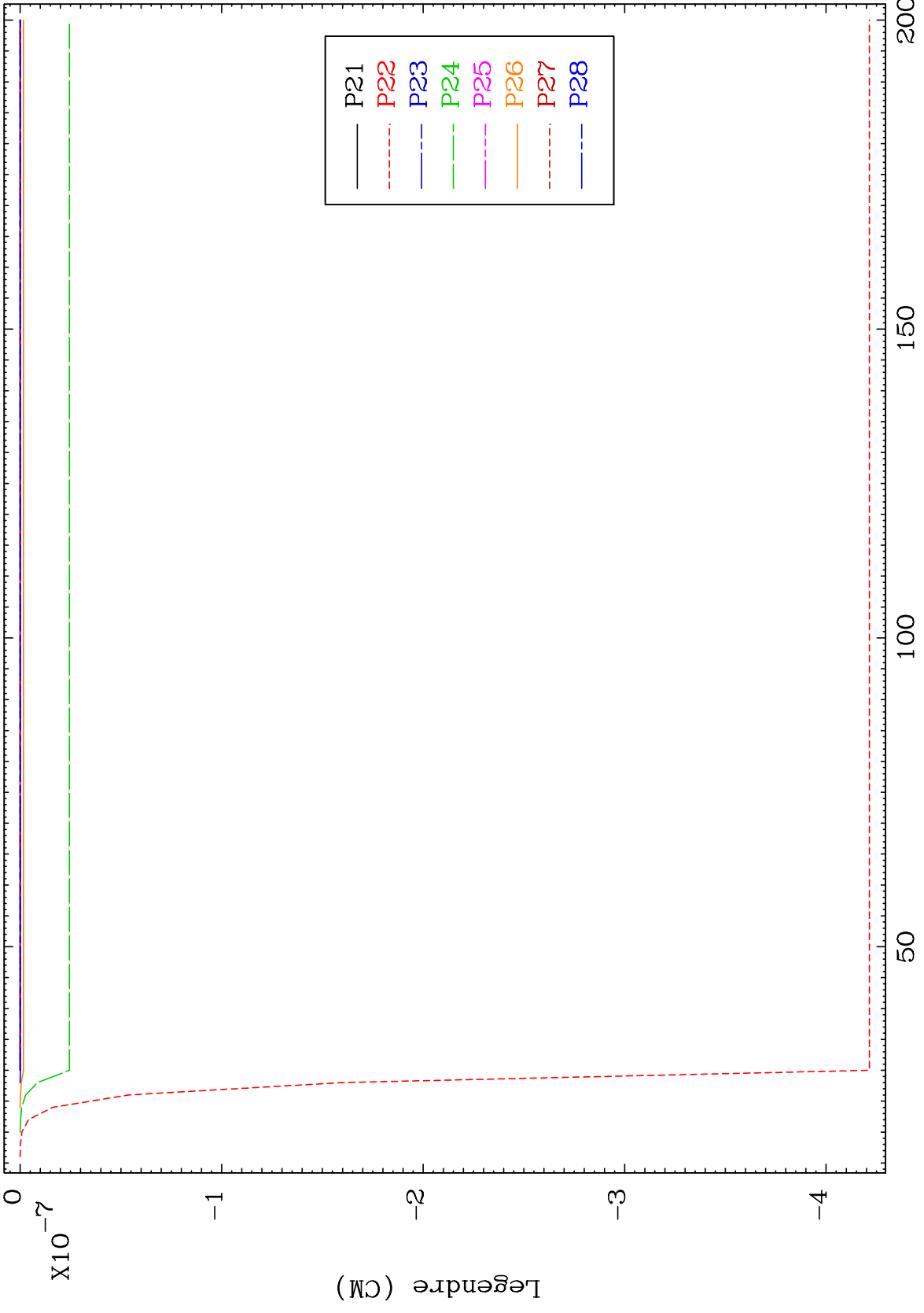




MAT 5079 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-130



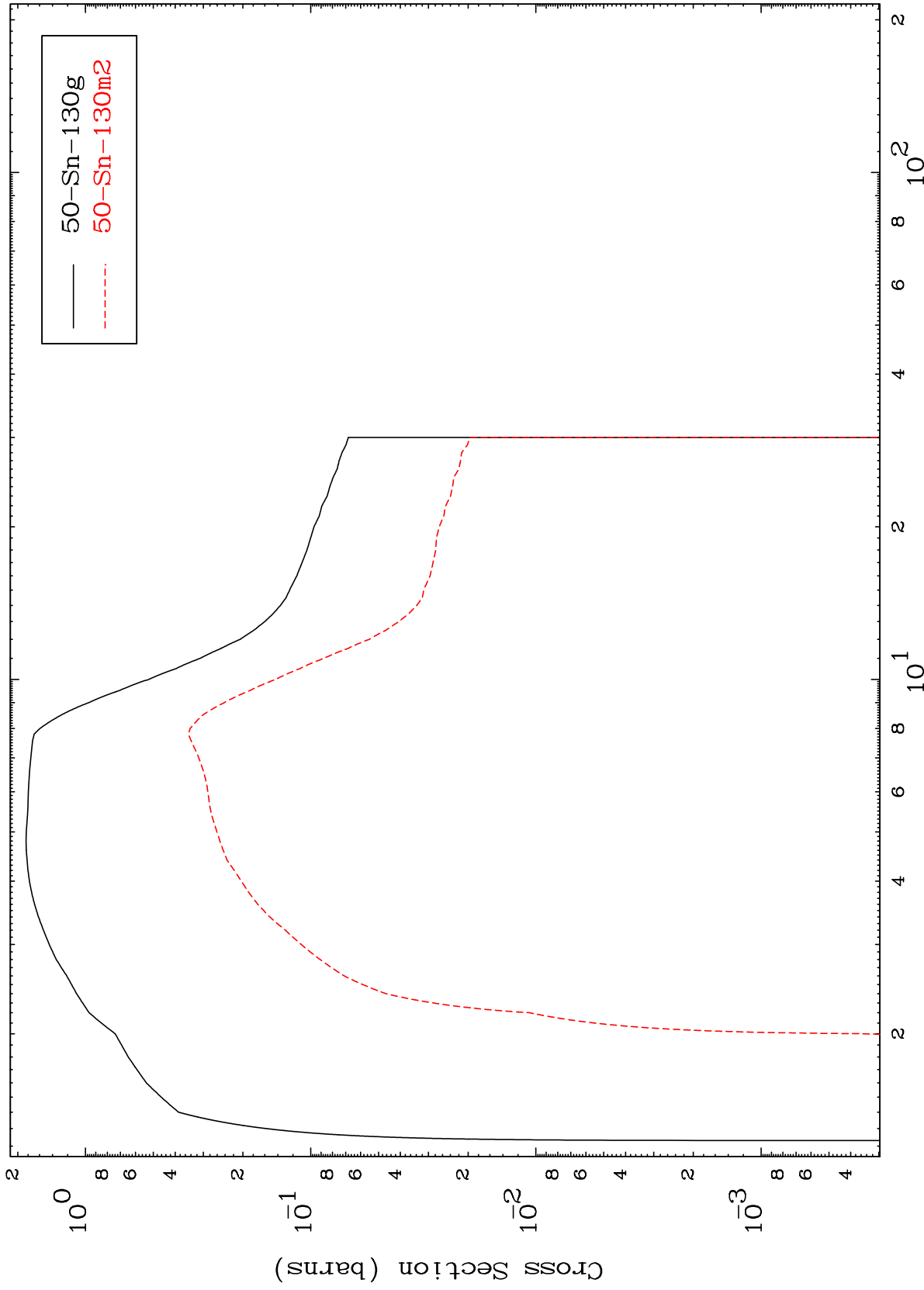
MAT 5079 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-130



MAT 5079

50-Sn-130

Inelastic Radionuclide Production Cross Section



94

Incident Energy (MeV)

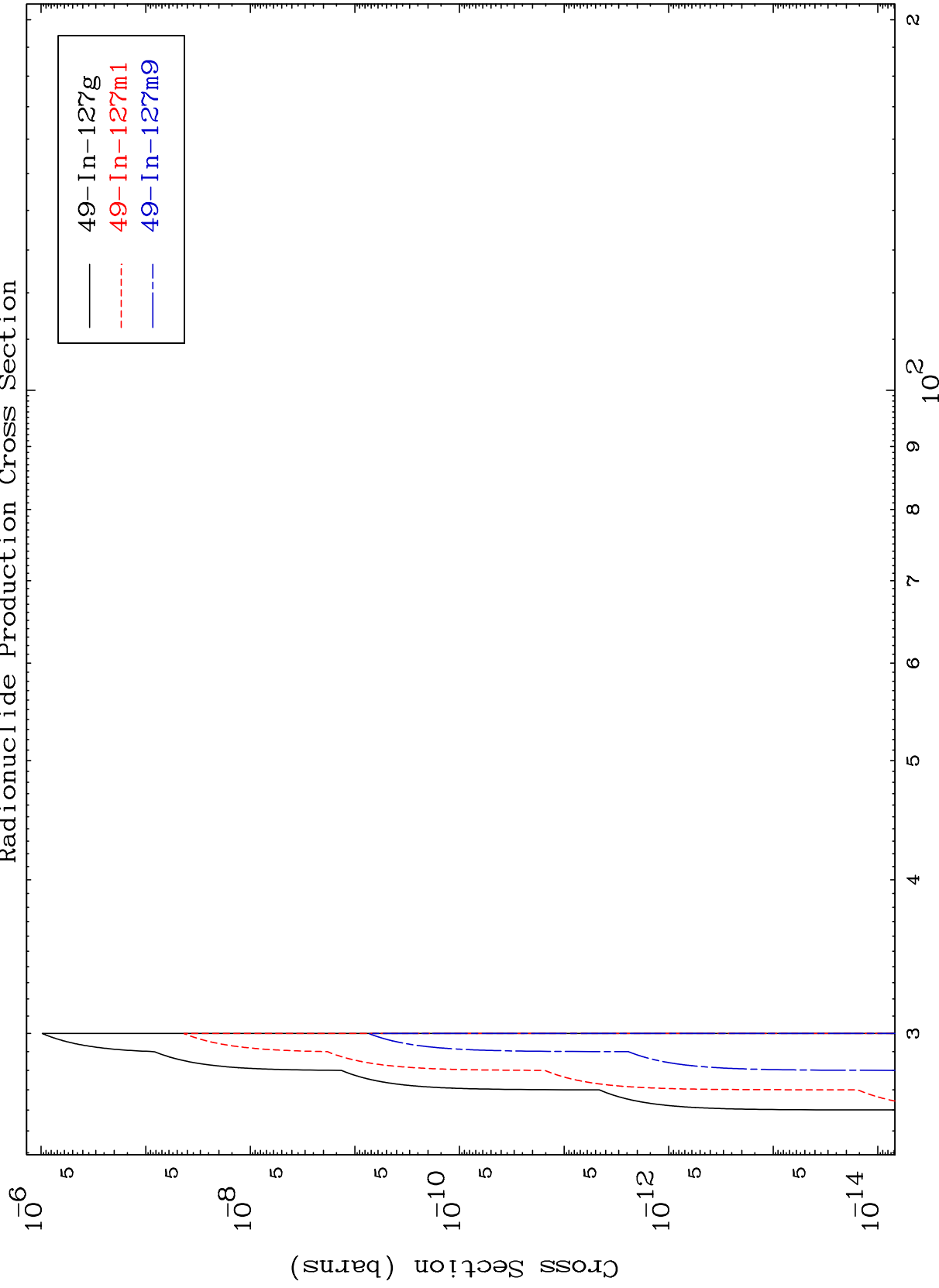
50-Sn-130

MAT 5079

(n,2n) d

50-Sn-130

Radionuclide Production Cross Section



95

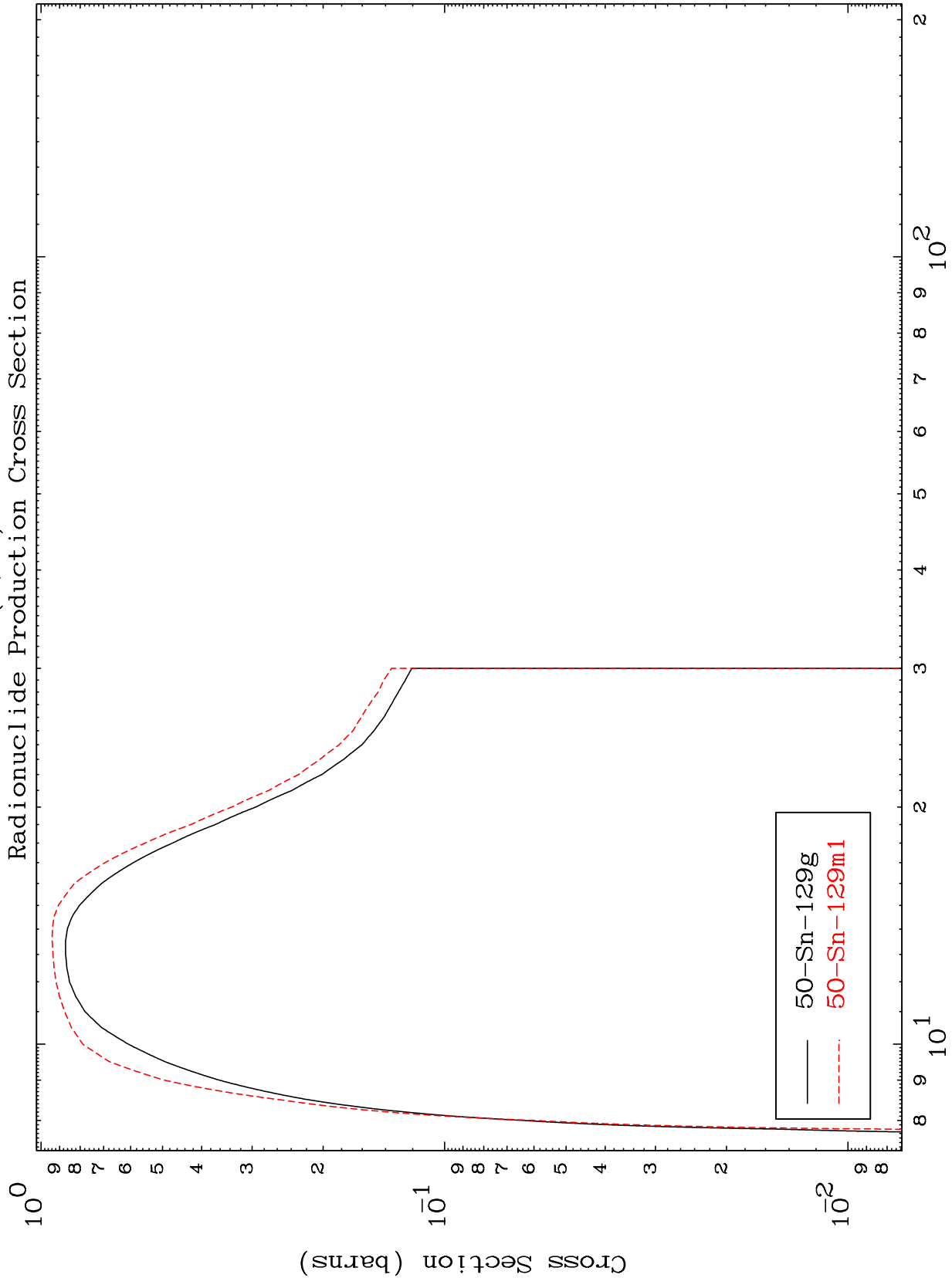
Incident Energy (MeV)

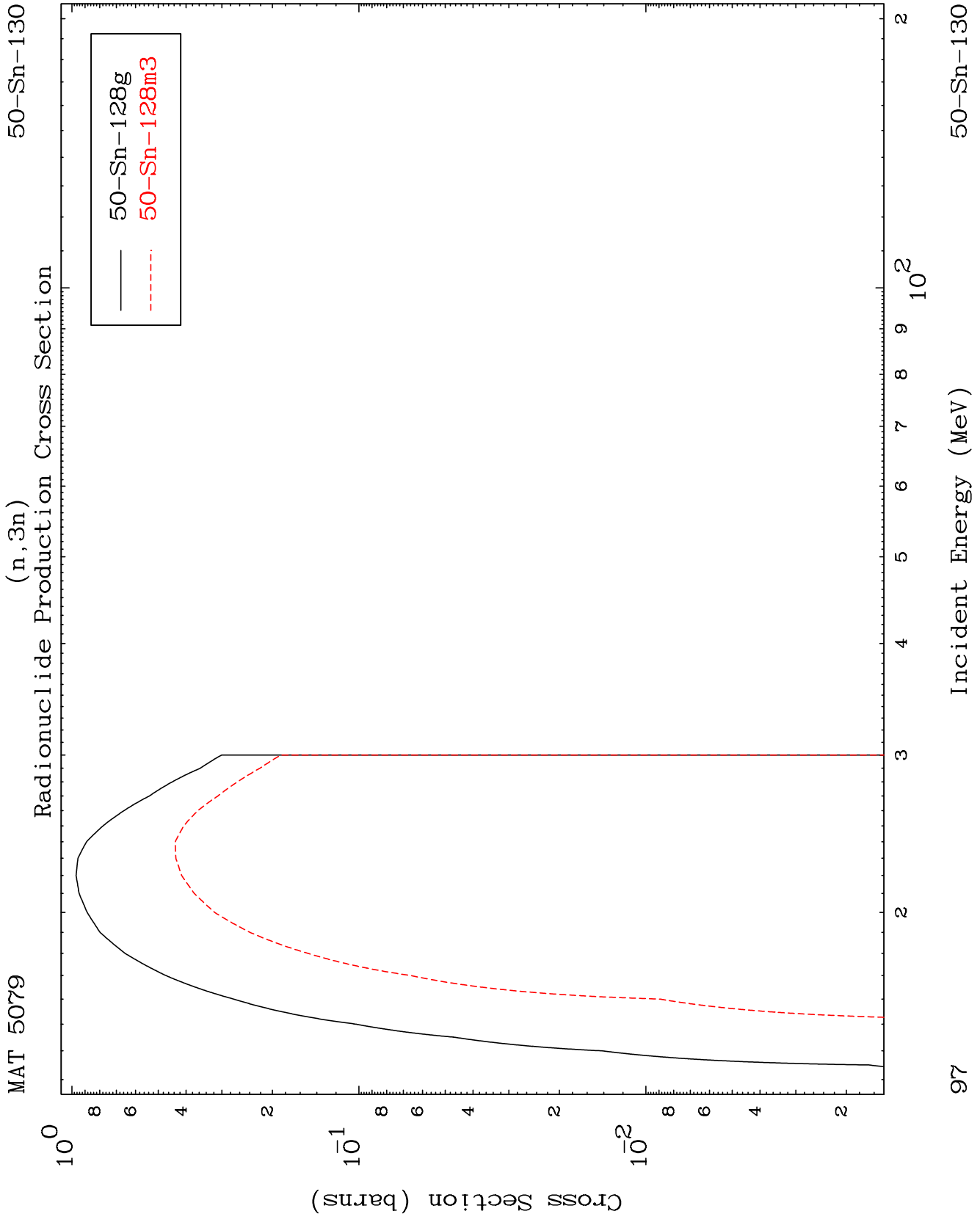
50-Sn-130

MAT 5079

(n,2n)

50-Sn-130



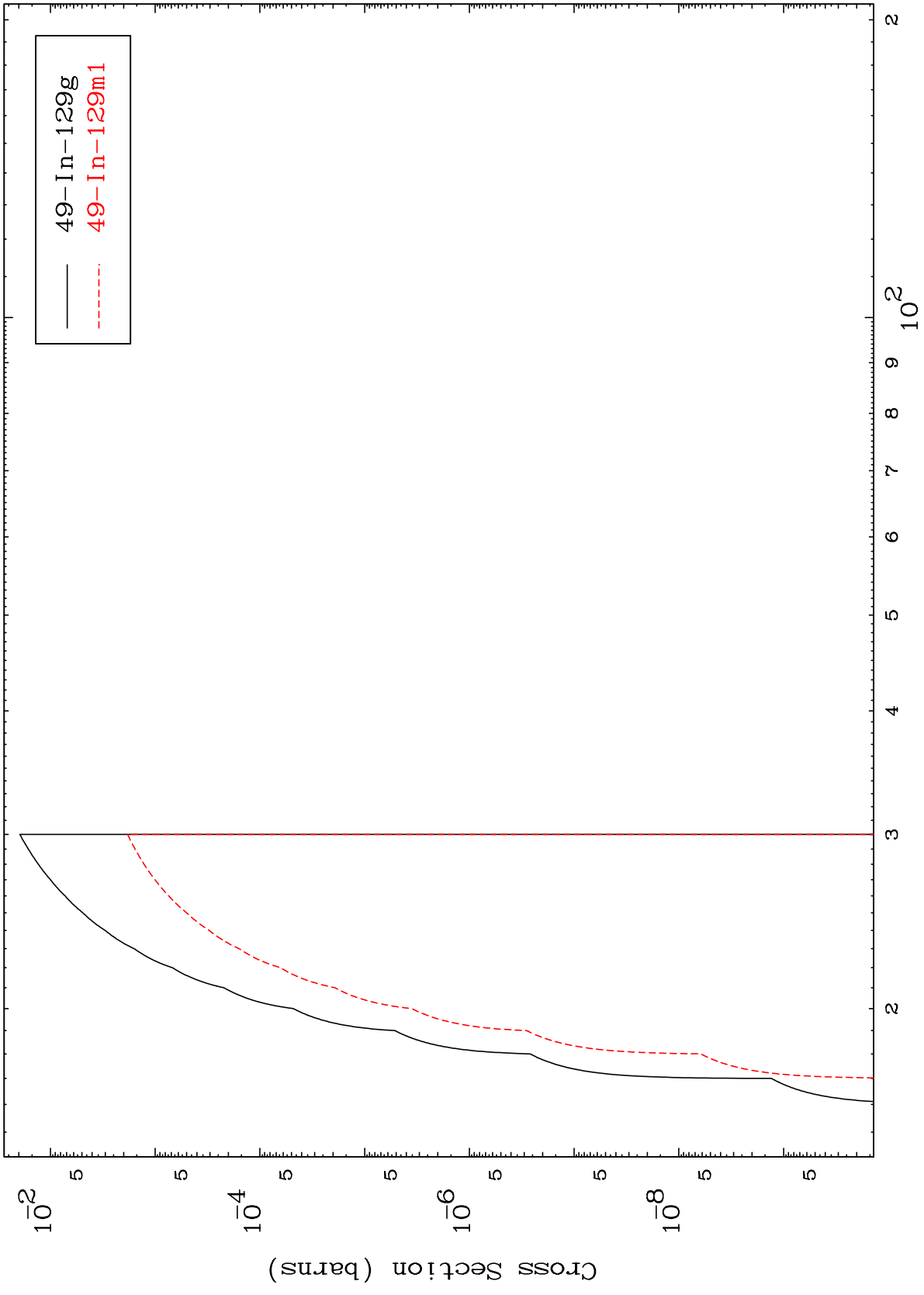


MAT 5079

(n,n') p

50-Sn-130

Radionuclide Production Cross Section



98

Incident Energy (MeV)

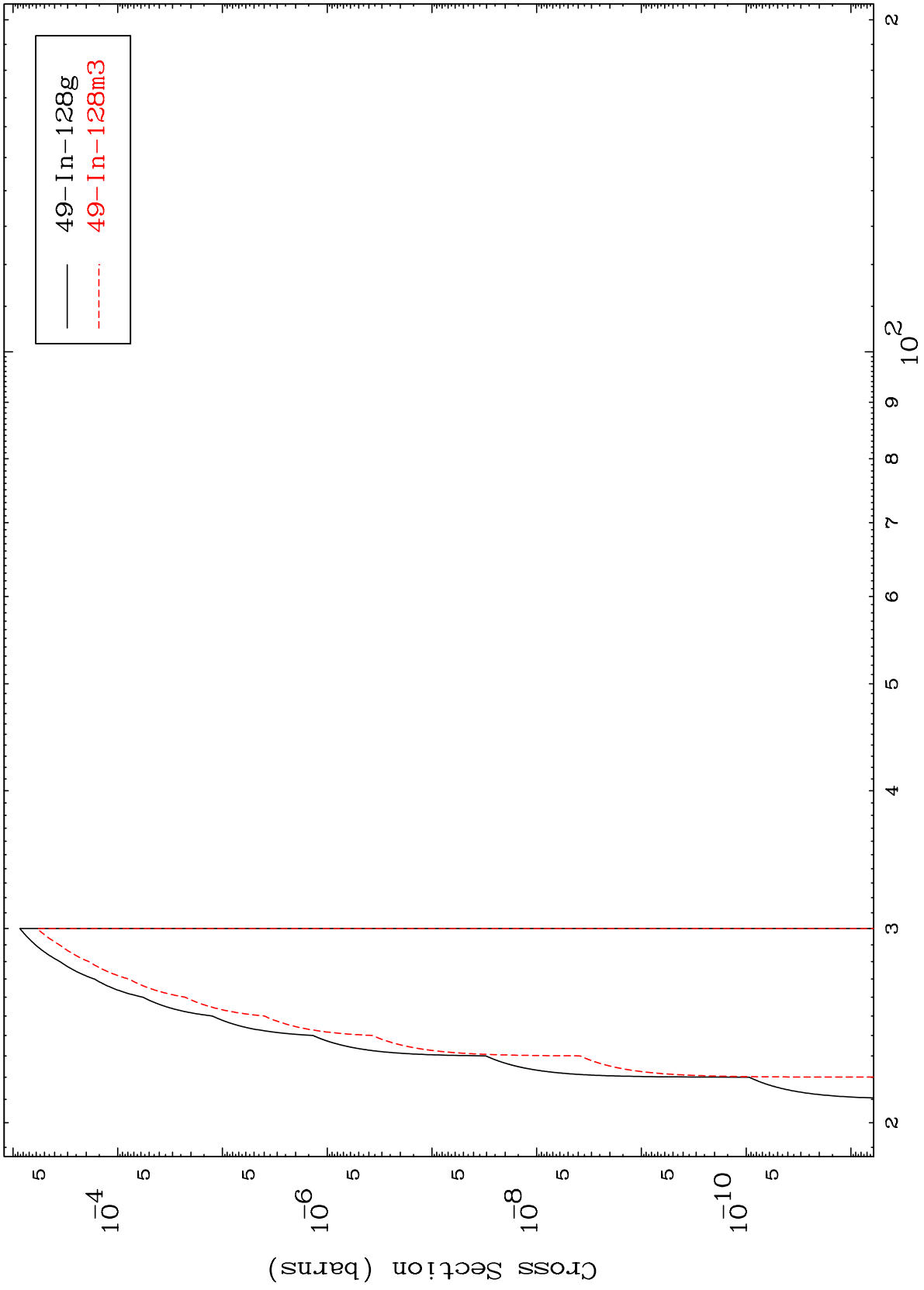
50-Sn-130

MAT 5079

(n,n') d

50-Sn-130

Radionuclide Production Cross Section



99

Incident Energy (MeV)

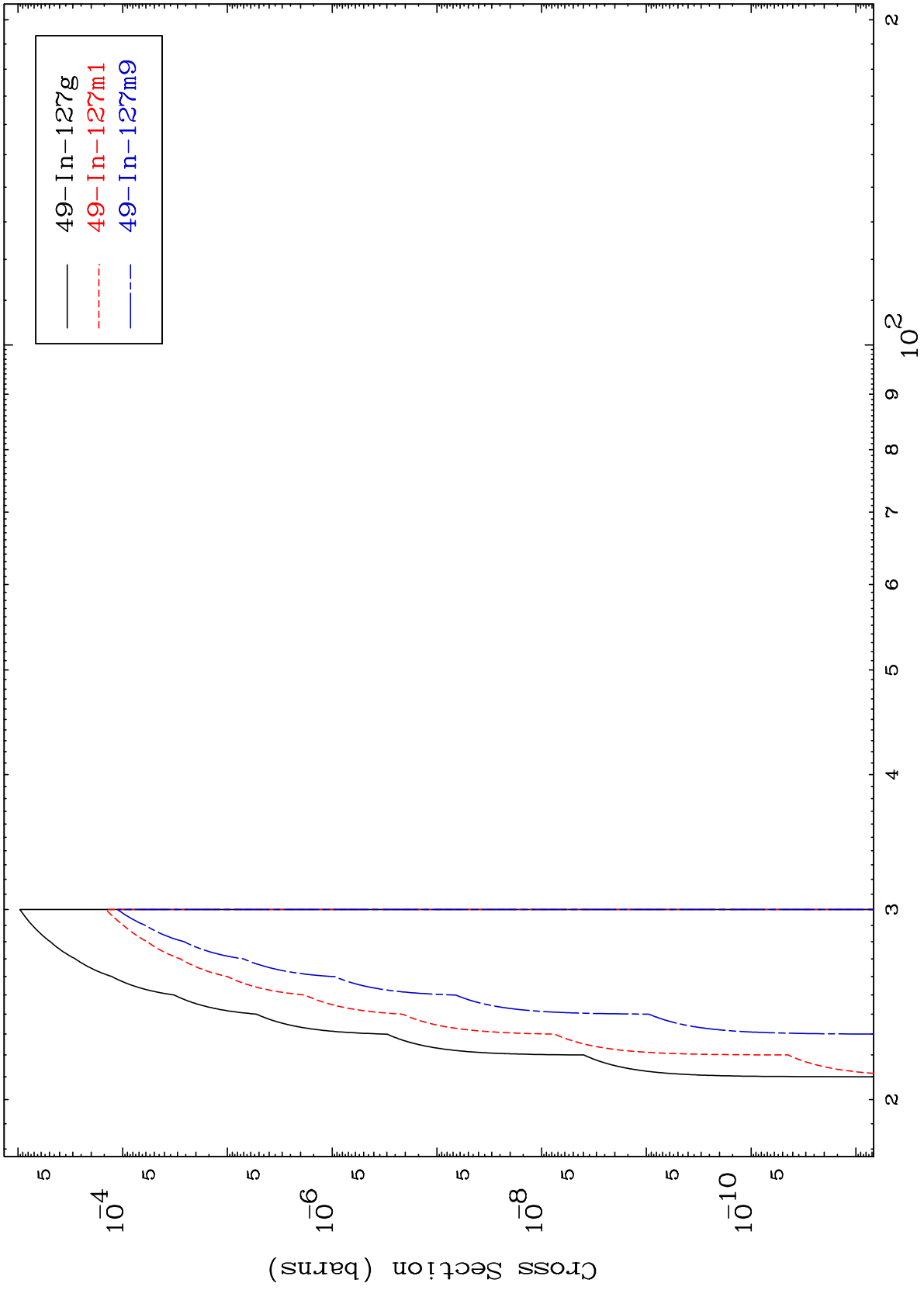
50-Sn-130

MAT 5079

(n,n') t

50-Sn-130

Radionuclide Production Cross Section



100

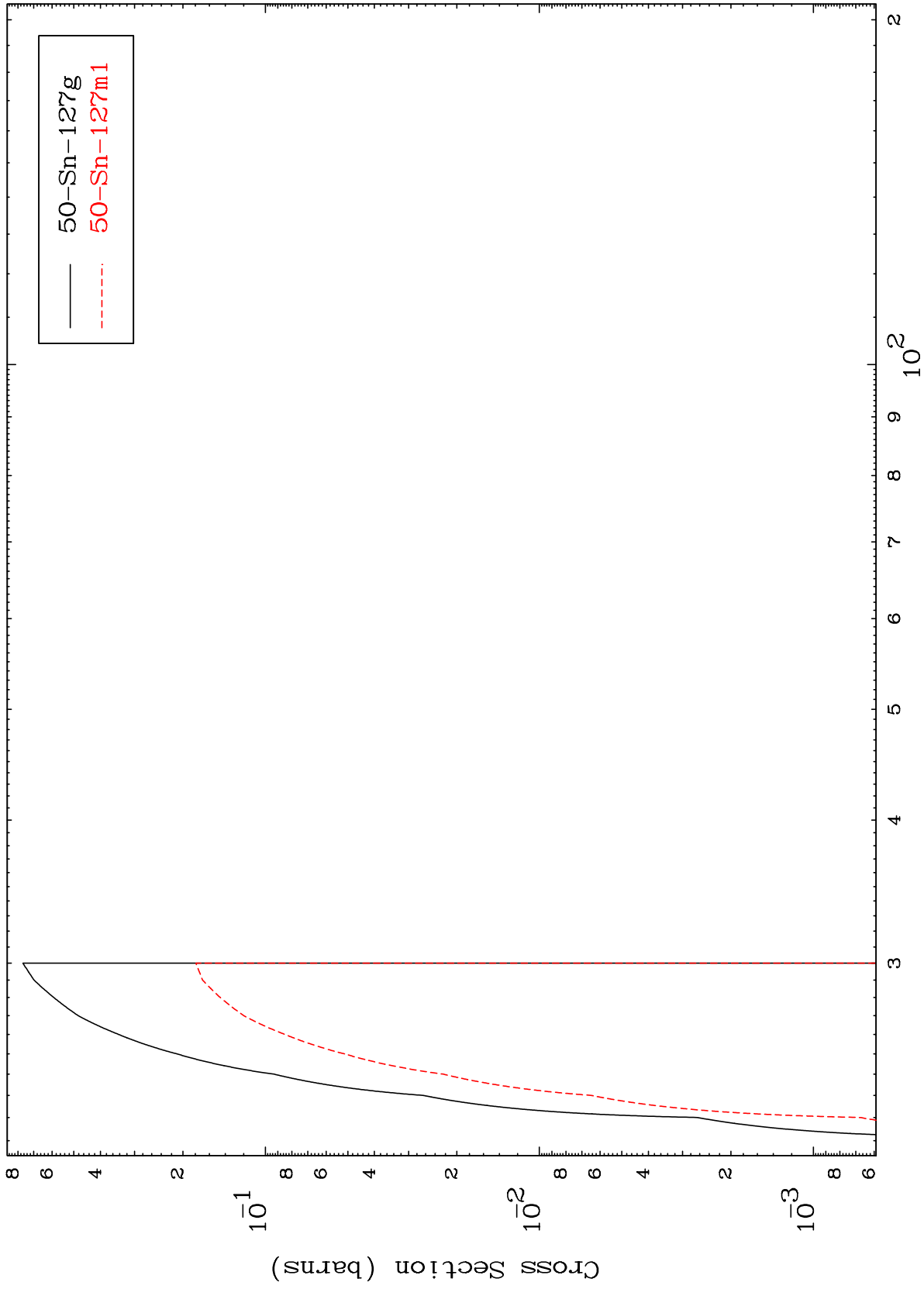
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n,4n)
Radionuclide Production Cross Section



101

50-Sn-130

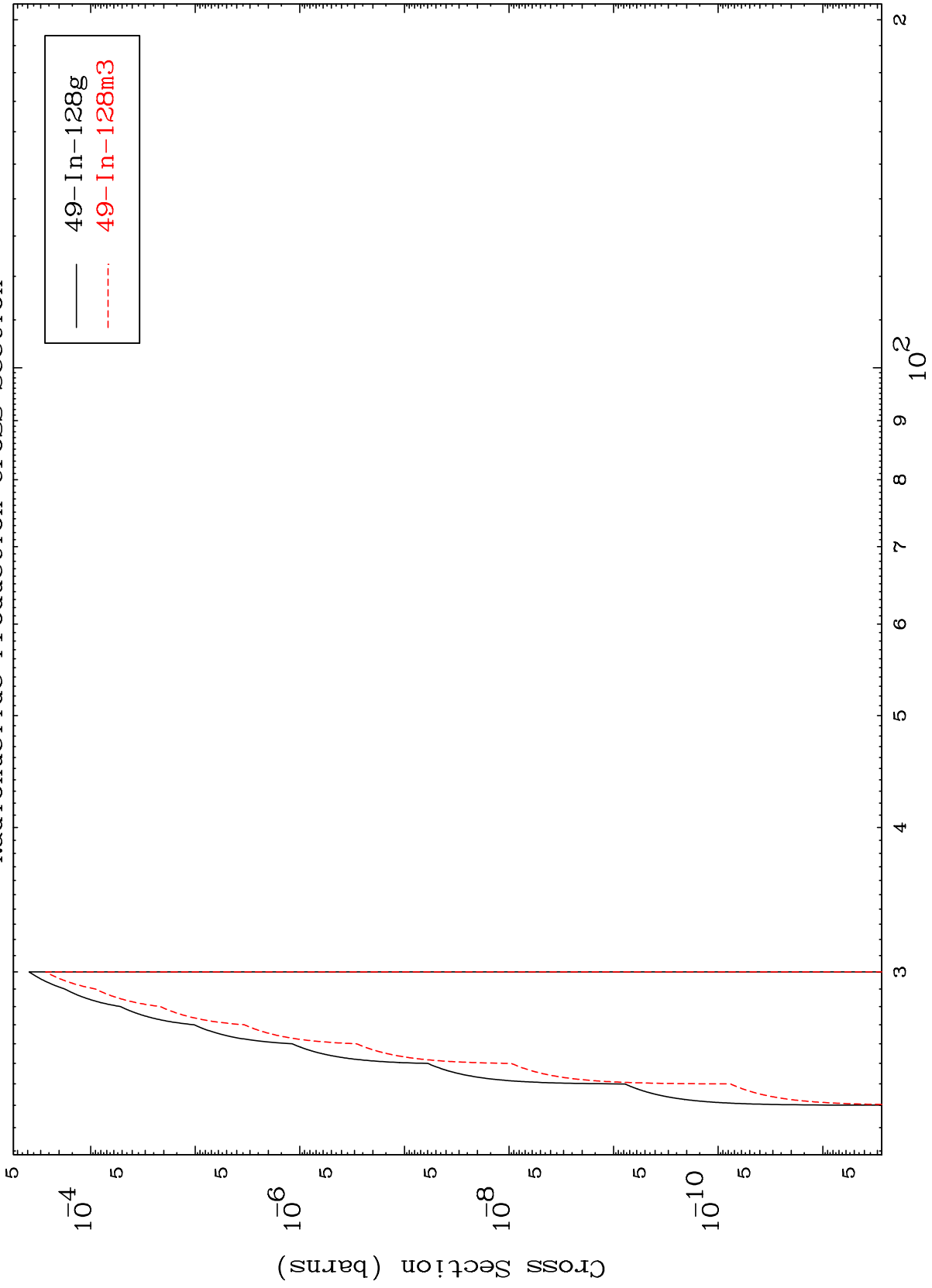
Incident Energy (MeV)

MAT 5079

(n,2n) p

50-Sn-130

Radionuclide Production Cross Section



102

Incident Energy (MeV)

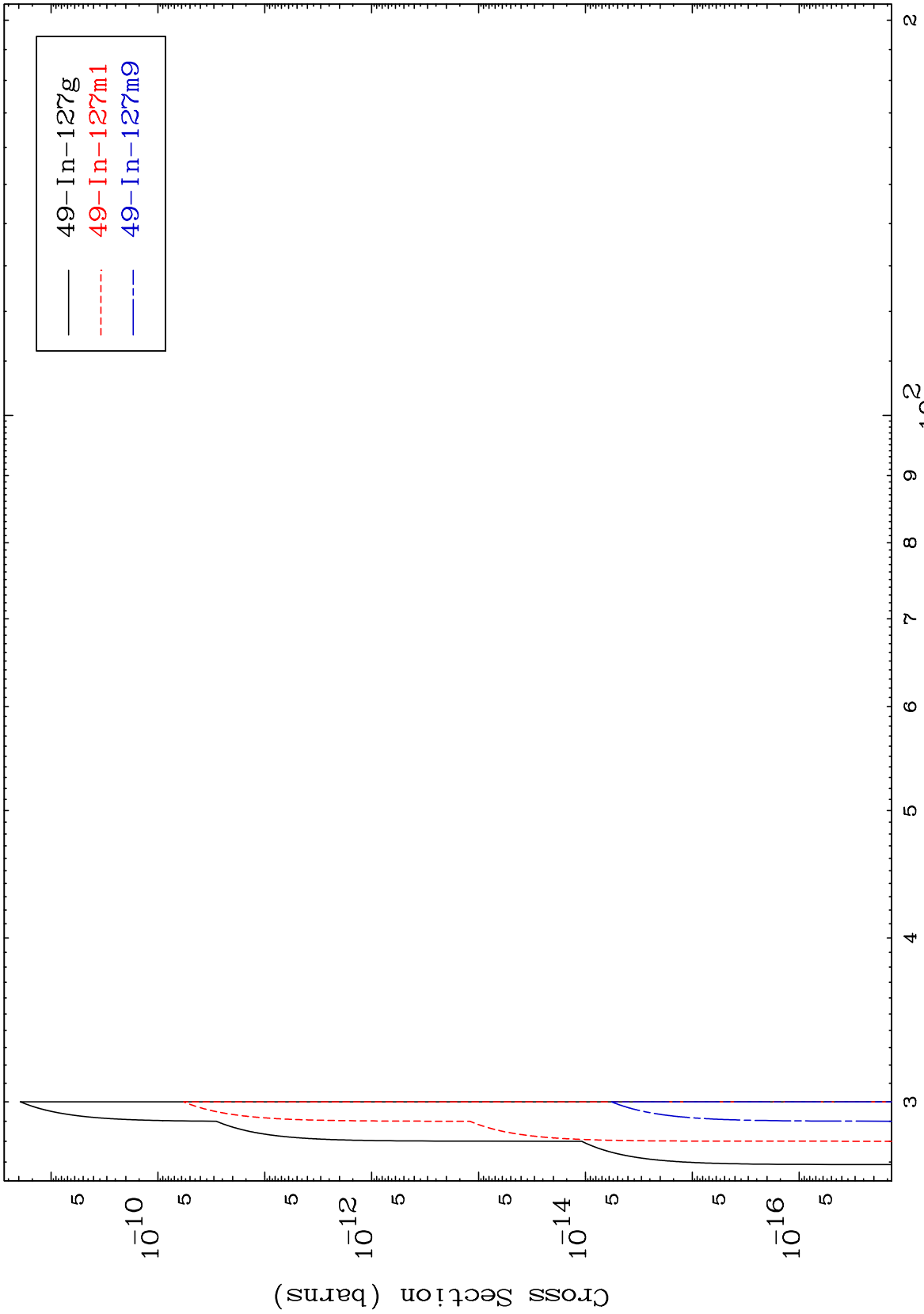
50-Sn-130

MAT 5079

(n,3n) p

50-Sn-130

Radionuclide Production Cross Section



103

Incident Energy (MeV)

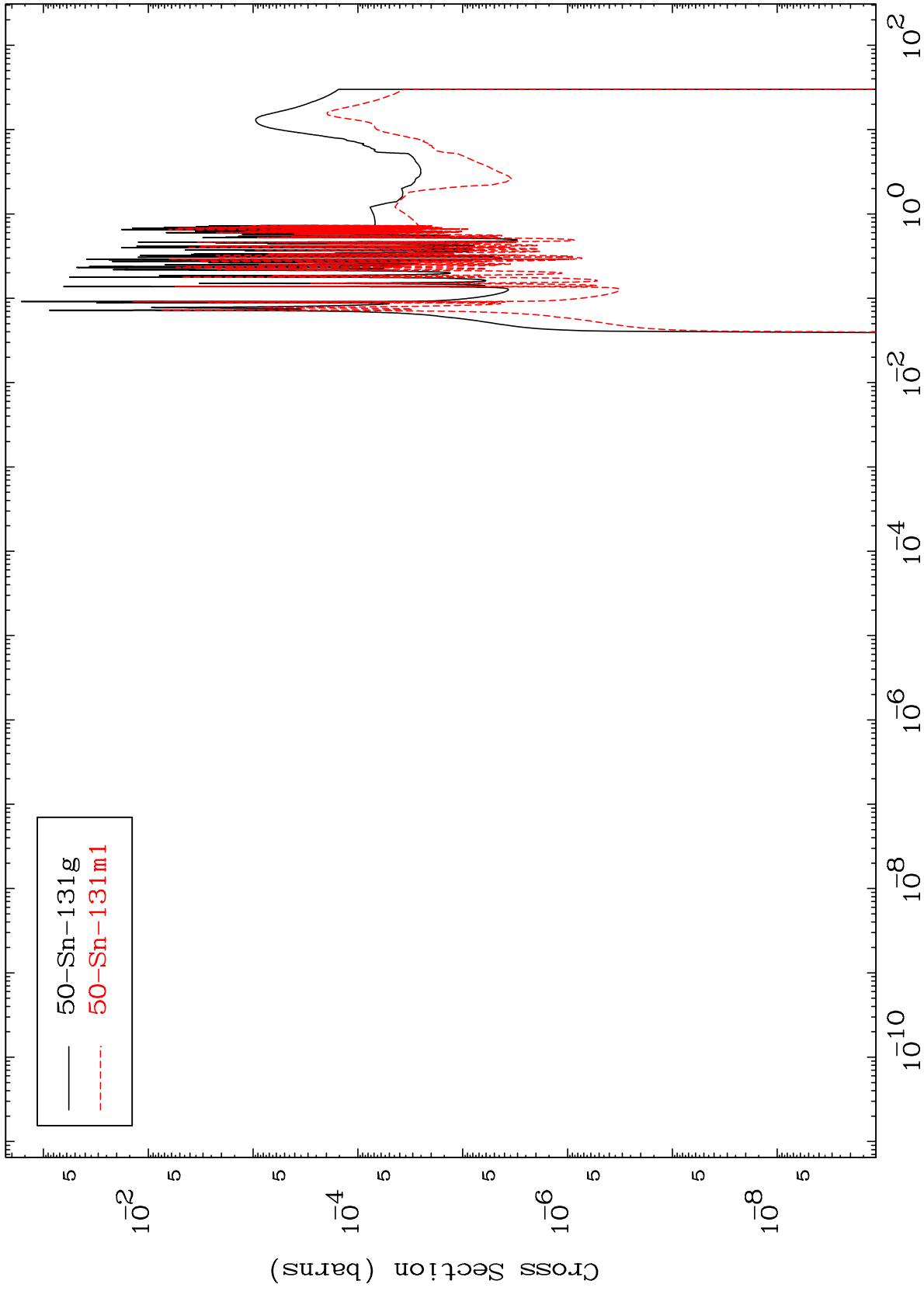
50-Sn-130

MAT 5079

(n,γ)

50-Sn-130

Radionuclide Production Cross Section



104

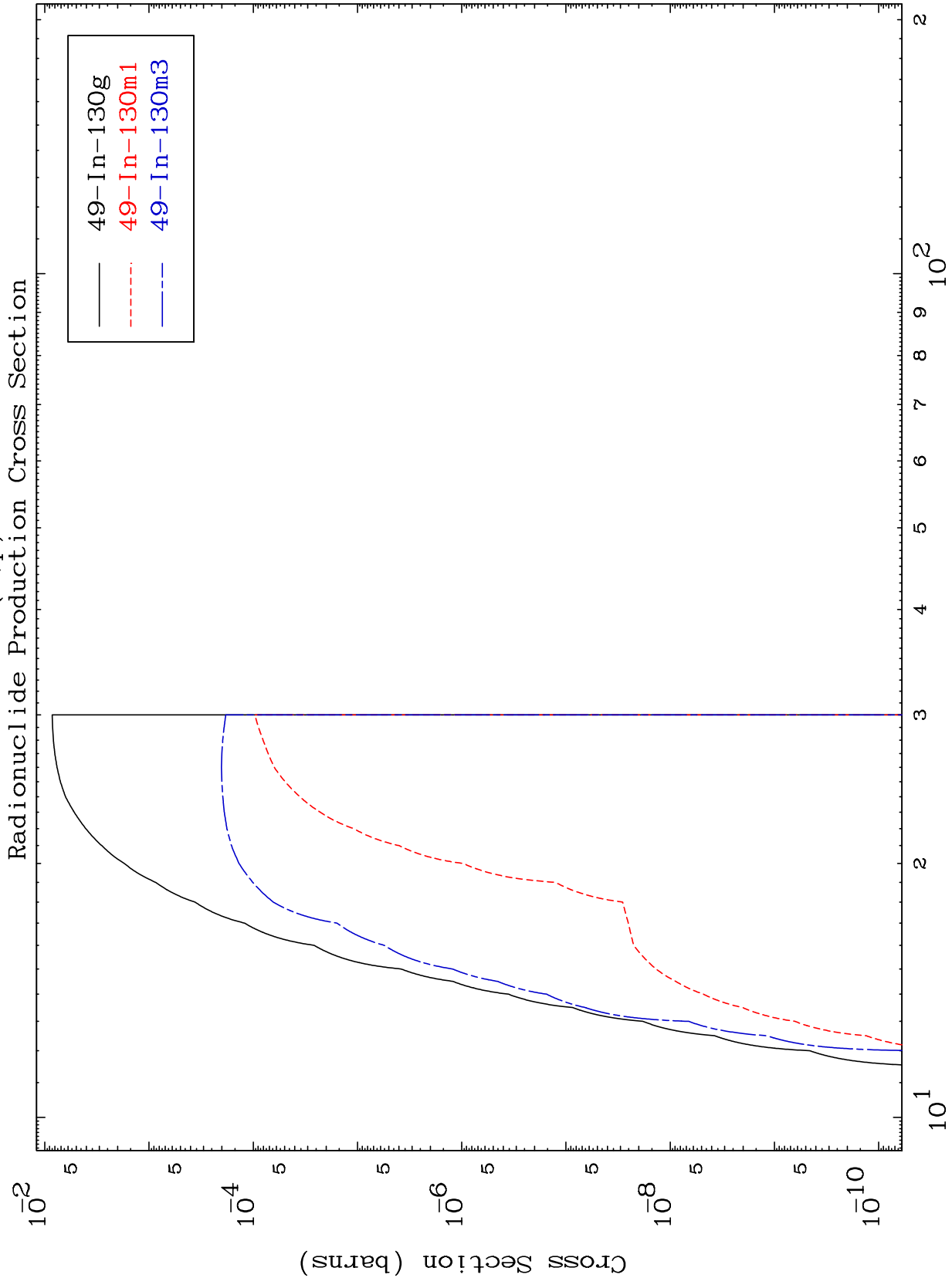
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,p)

50-Sn-130



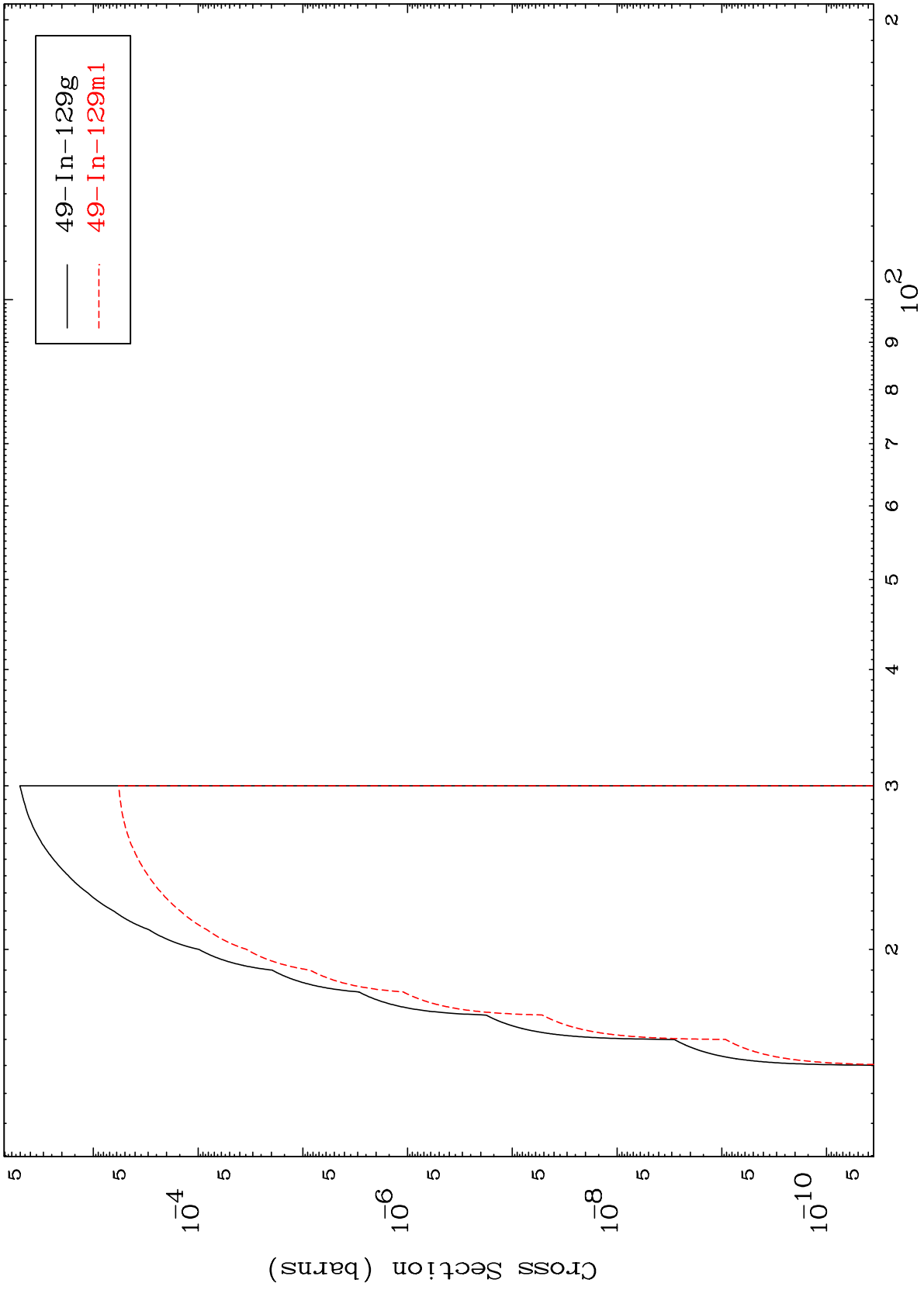
50-Sn-130

MAT 5079

(n,d)

50-Sn-130

Radionuclide Production Cross Section



106

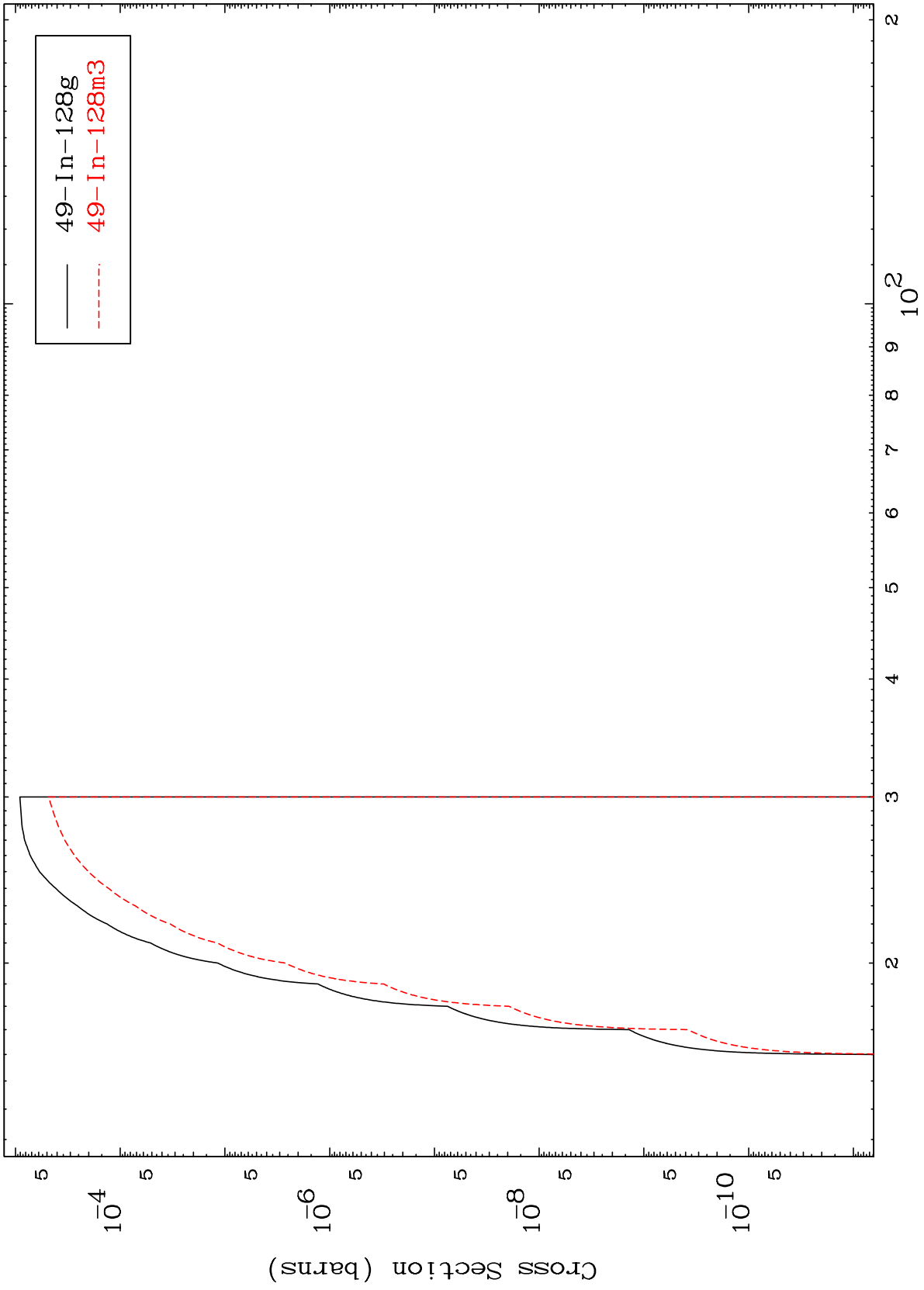
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n, t)
Radionuclide Production Cross Section



107

50-Sn-130

Incident Energy (MeV)