

Program EVALPLOT
(Version 2018-1)

by

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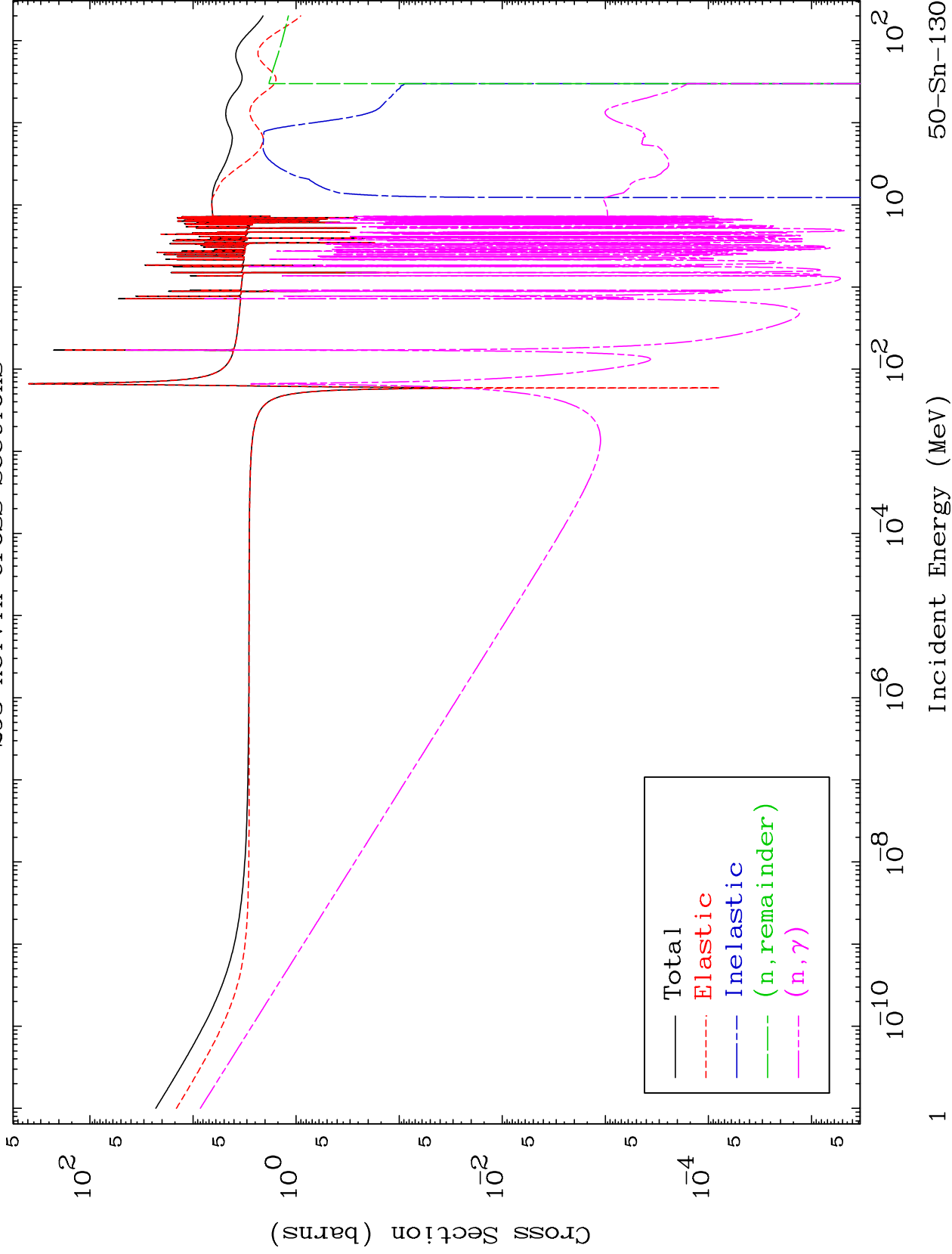
Press Mouse Button to Start

MAT 5079

Major

293 Kelvin Cross Sections

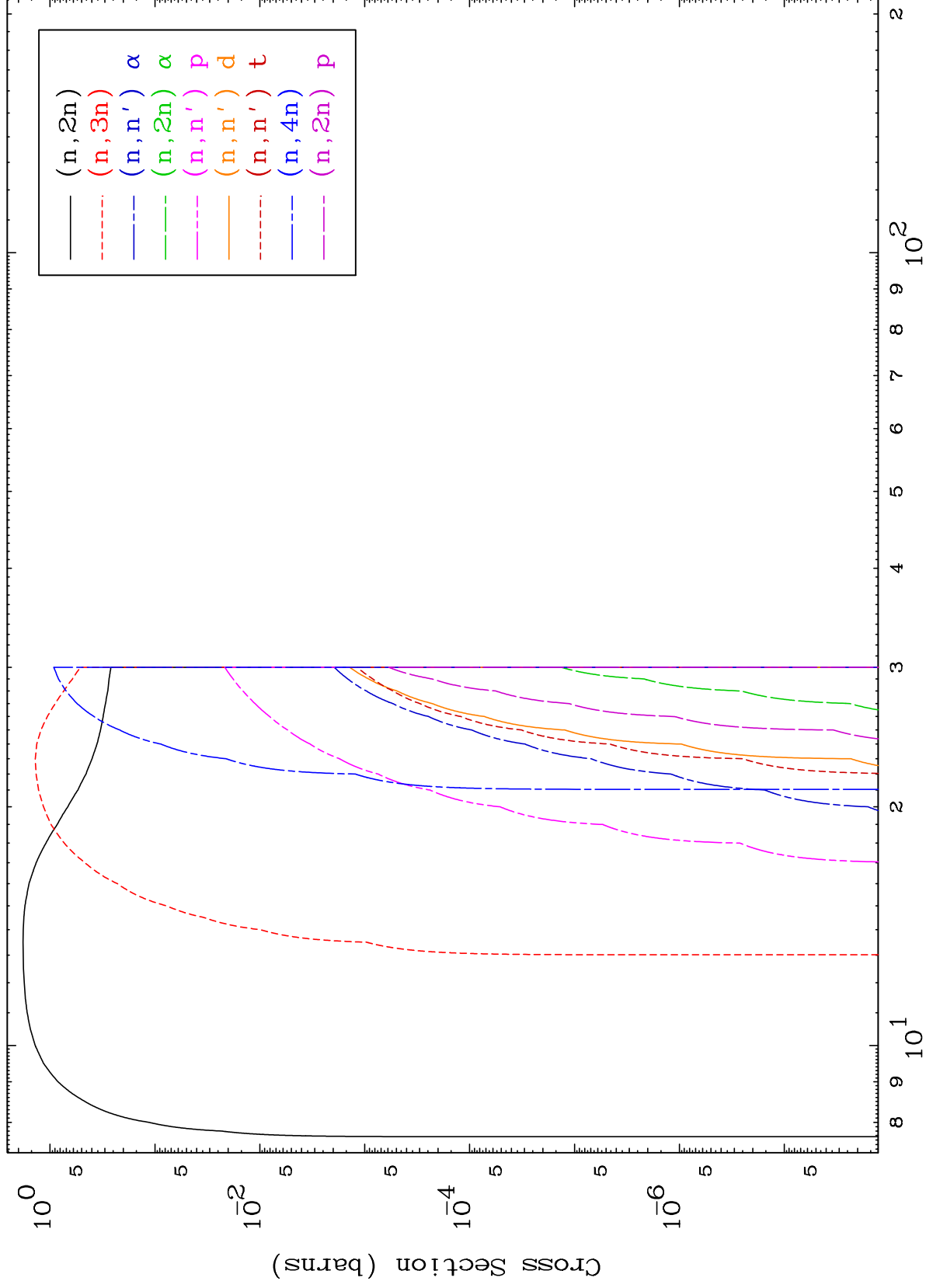
50-Sn-130



MAT 5079

Neutron Production
293 Kelvin Cross Sections

50-Sn-130



2

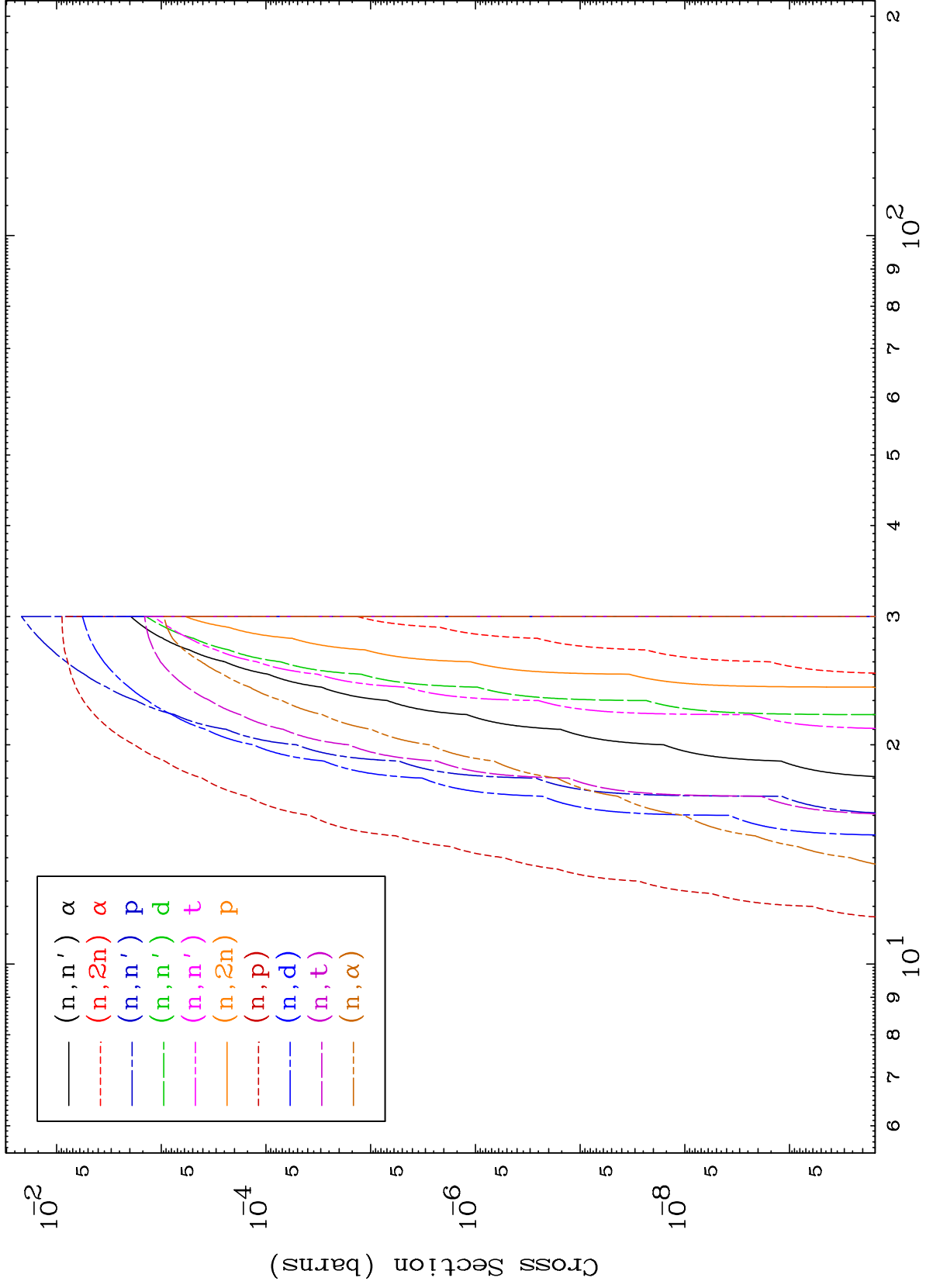
Incident Energy (MeV)

50-Sn-130

MAT 5079

Charged Particle
293 Kelvin Cross Sections

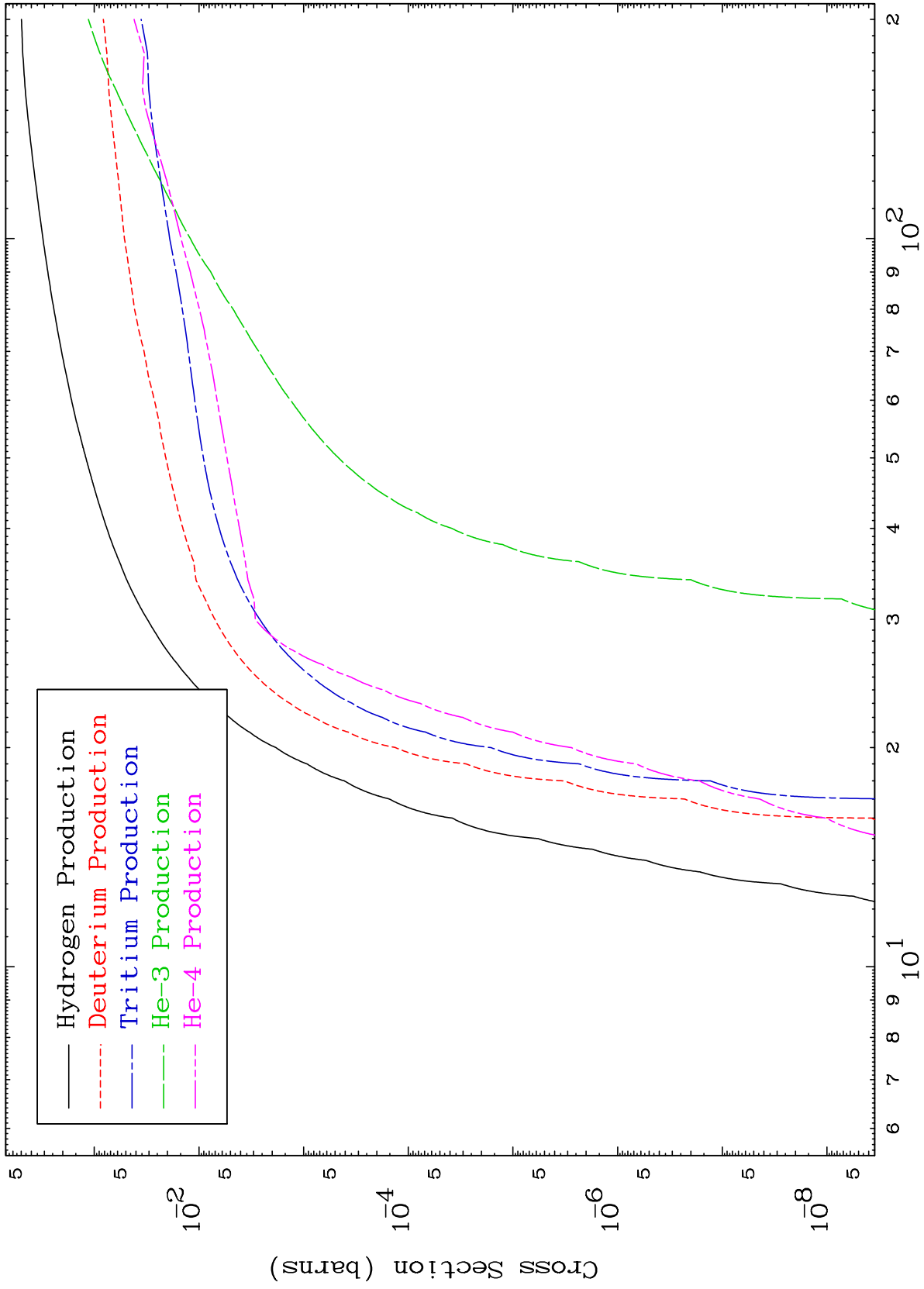
50-Sn-130



MAT 5079

Particle Production
293 Kelvin Cross Sections

50-Sn-130



4

Incident Energy (MeV)

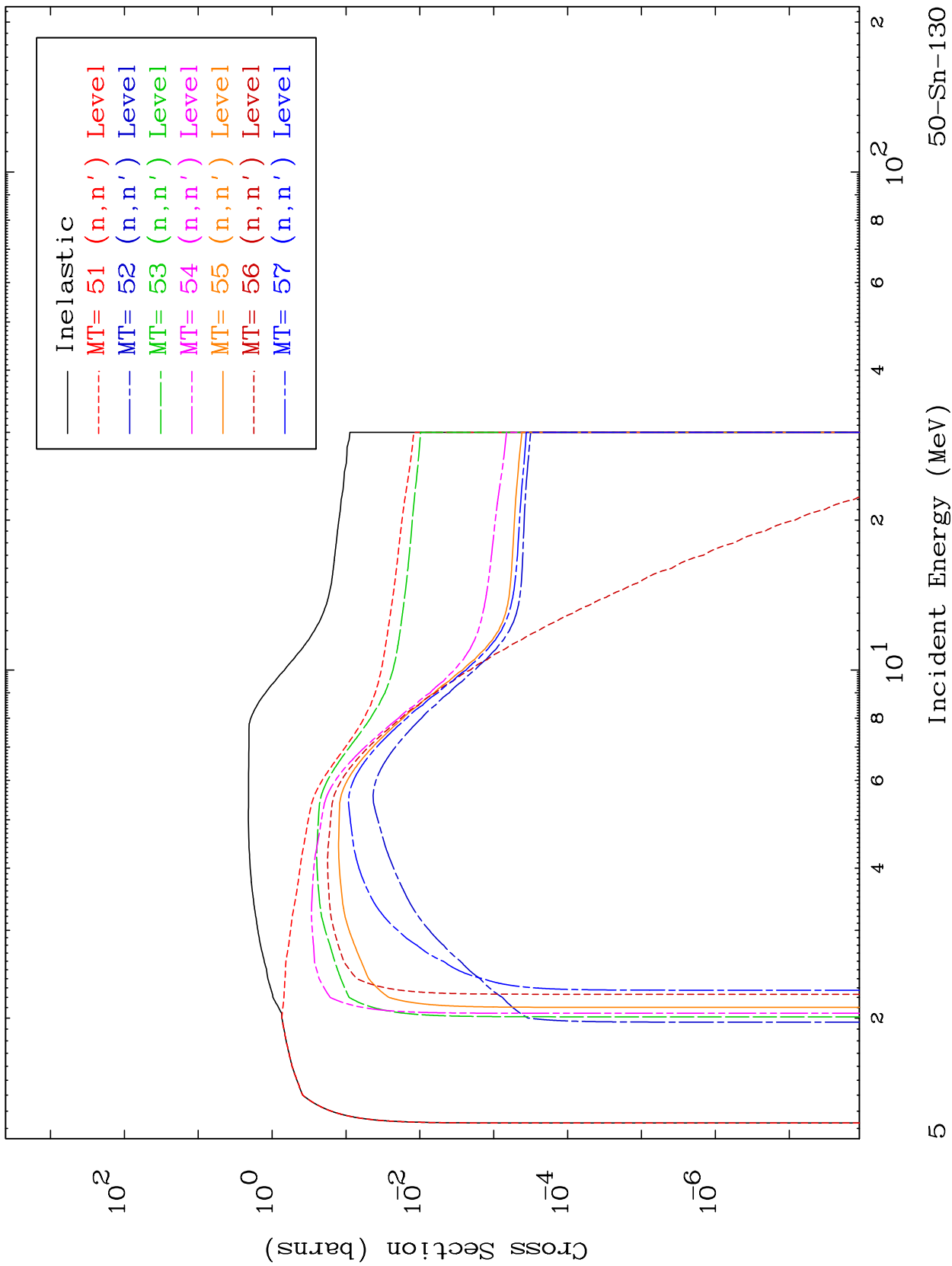
50-Sn-130

MAT 5079

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections

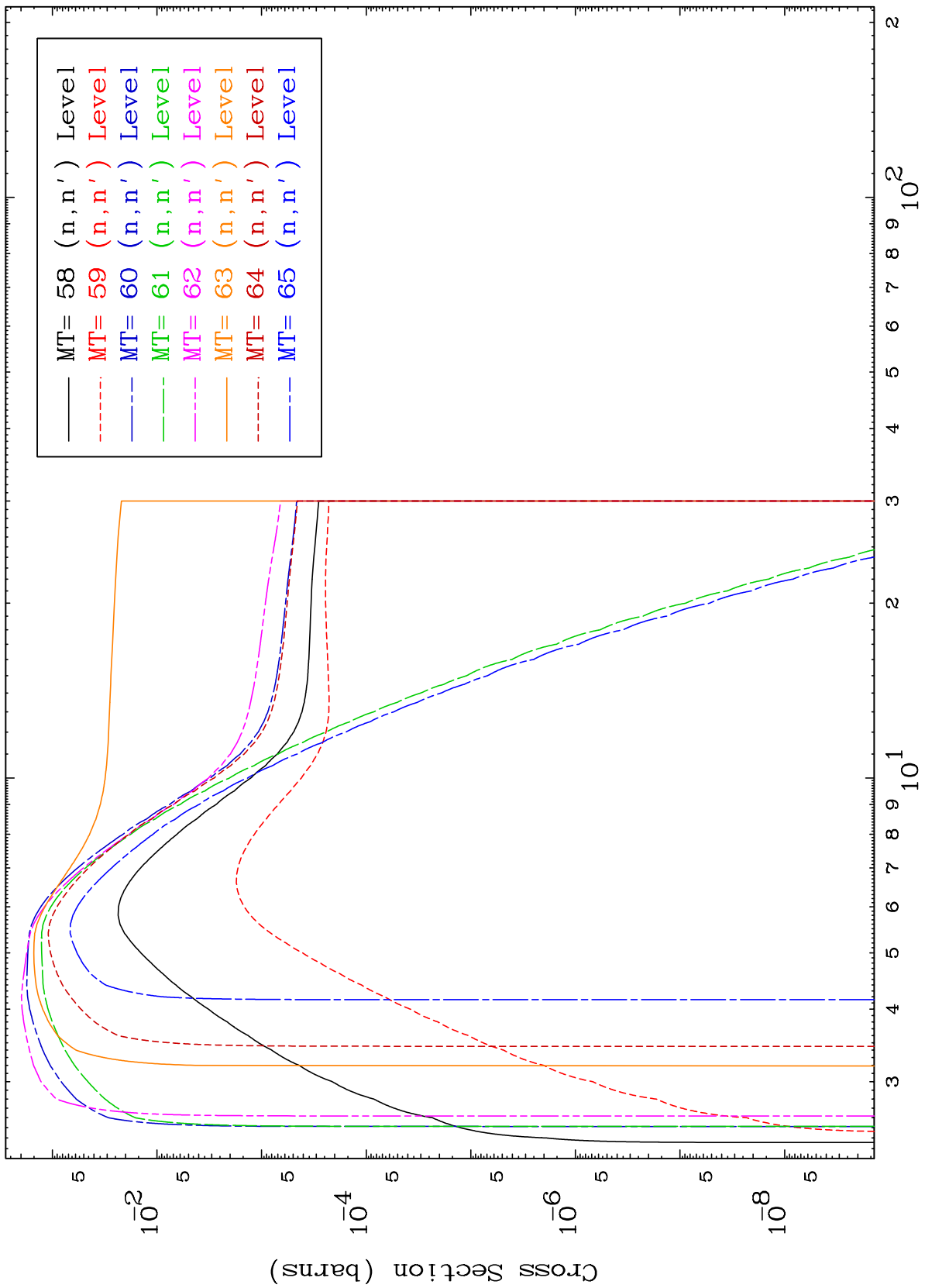


MAT 5079

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



6

Incident Energy (MeV)

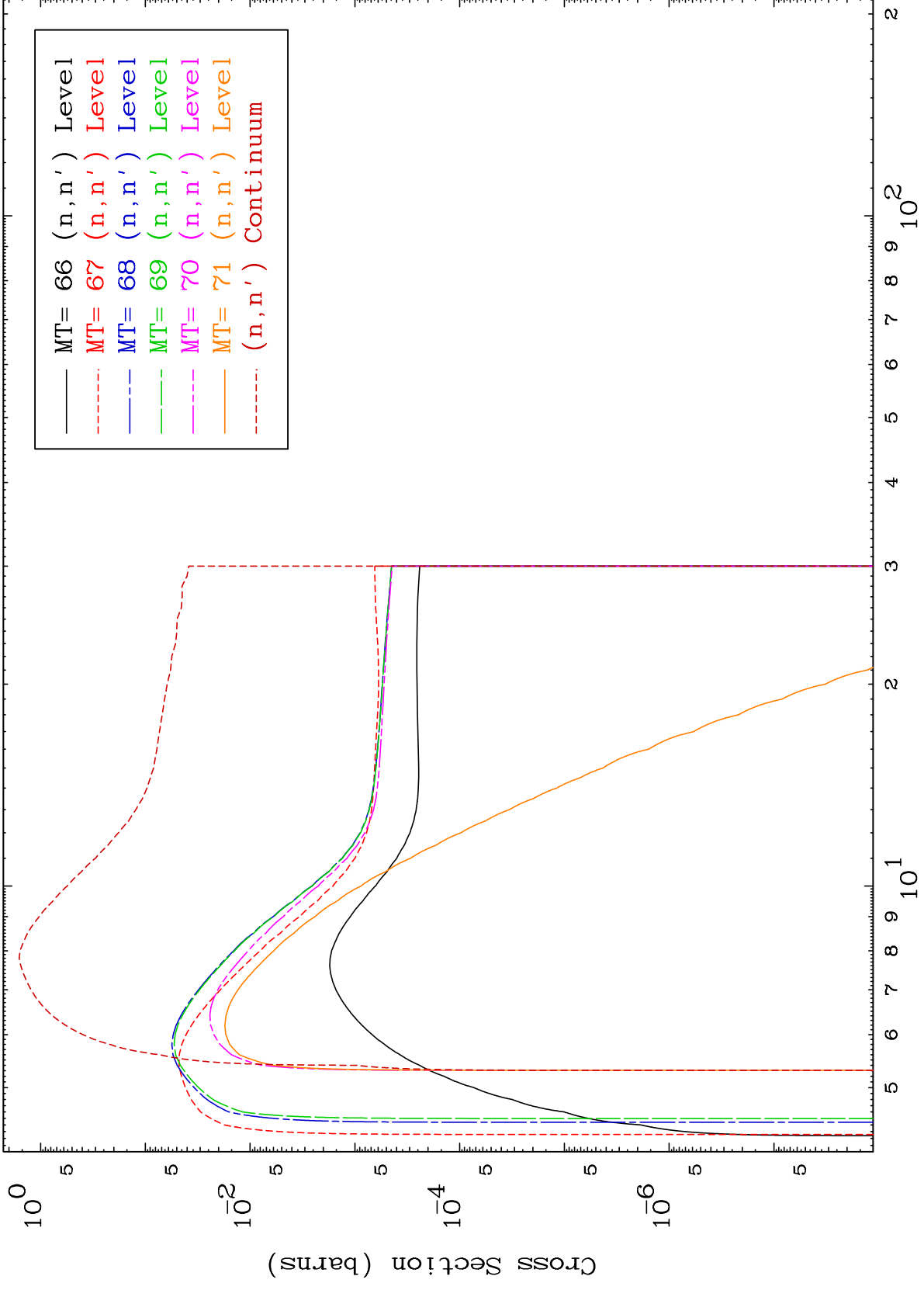
50-Sn-130

MAT 5079

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



7

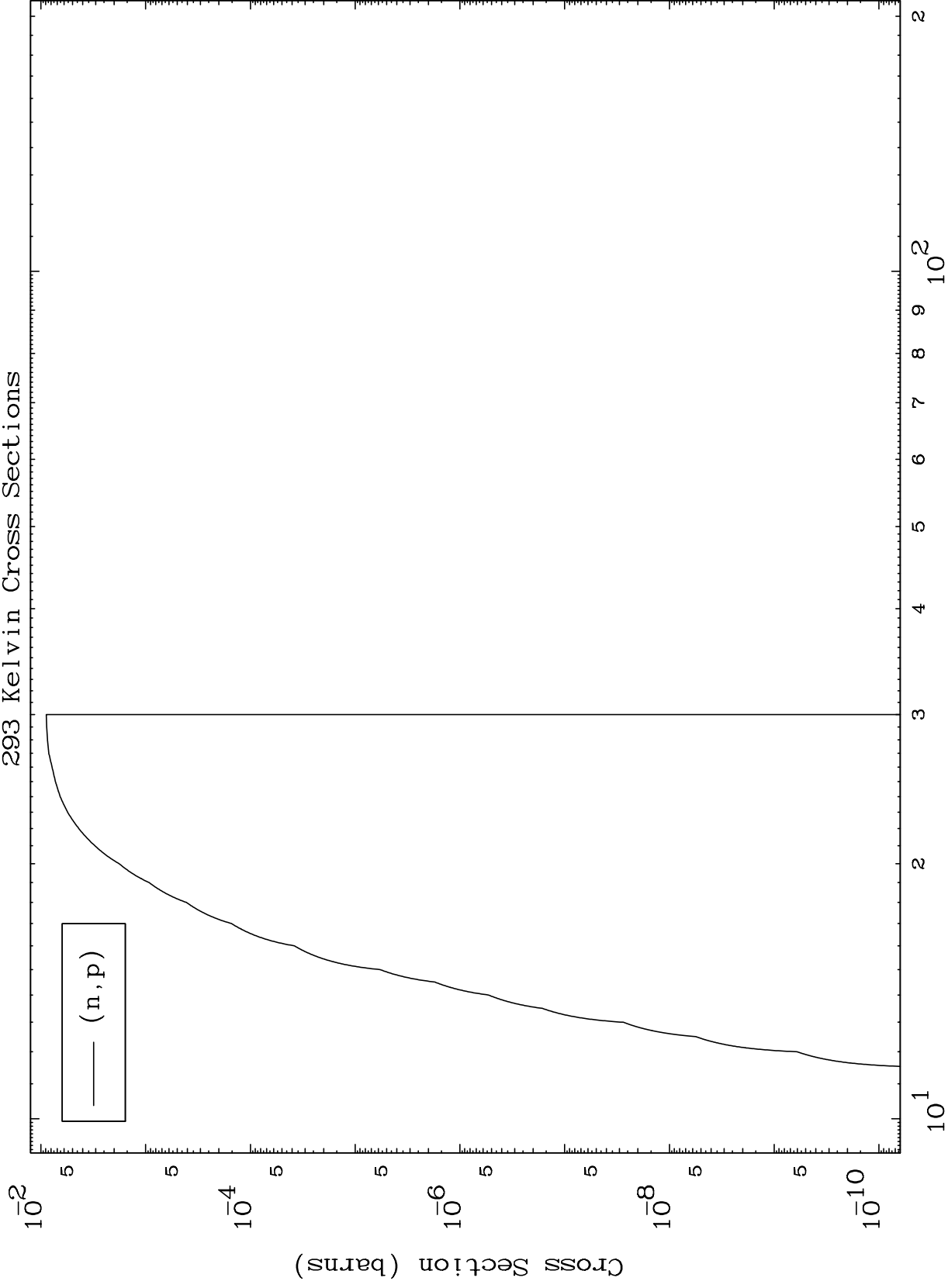
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130

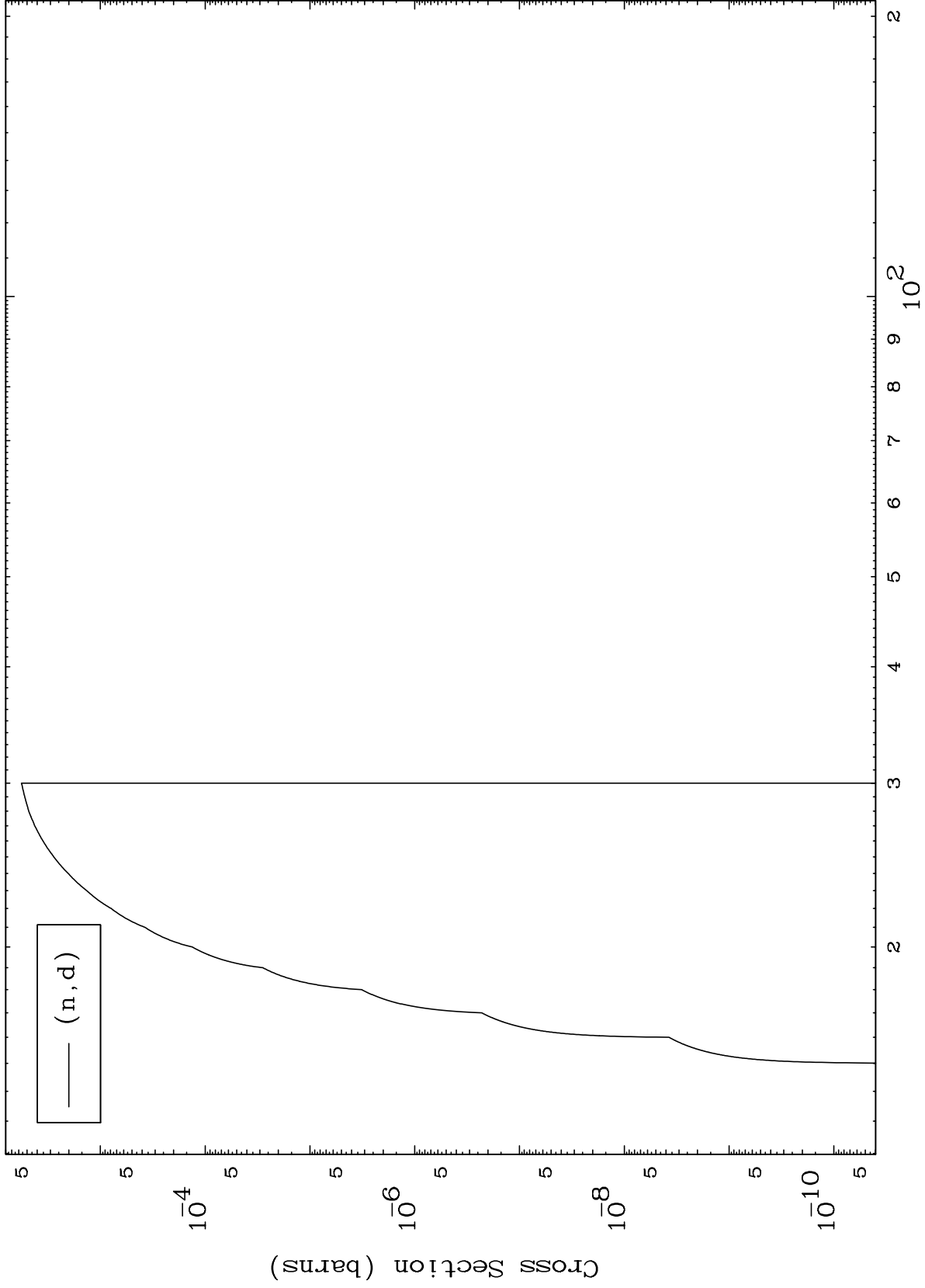


50-Sn-130

MAT 5079

(n,d) Levels
293 Kelvin Cross Sections

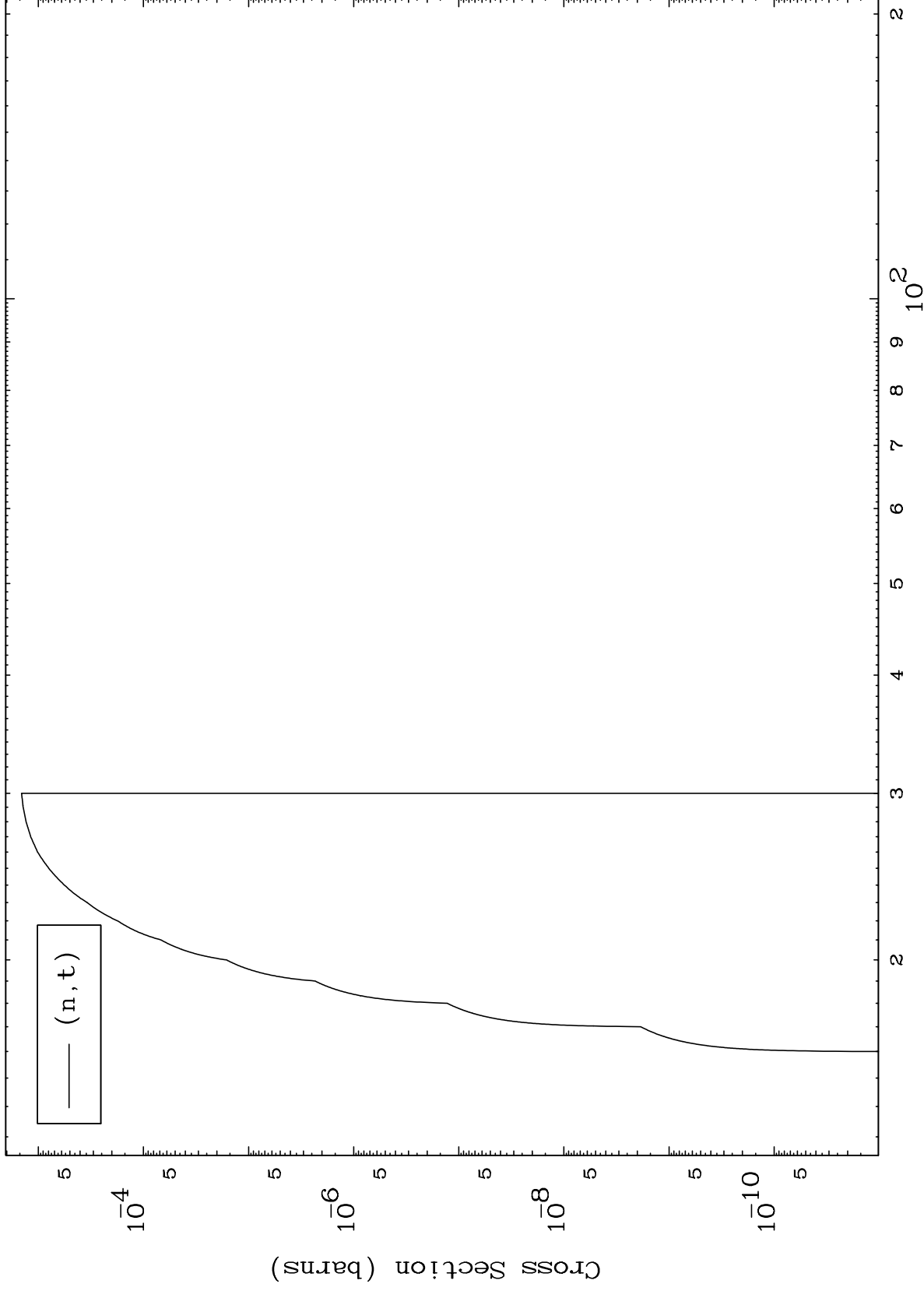
50-Sn-130



MAT 5079

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



10

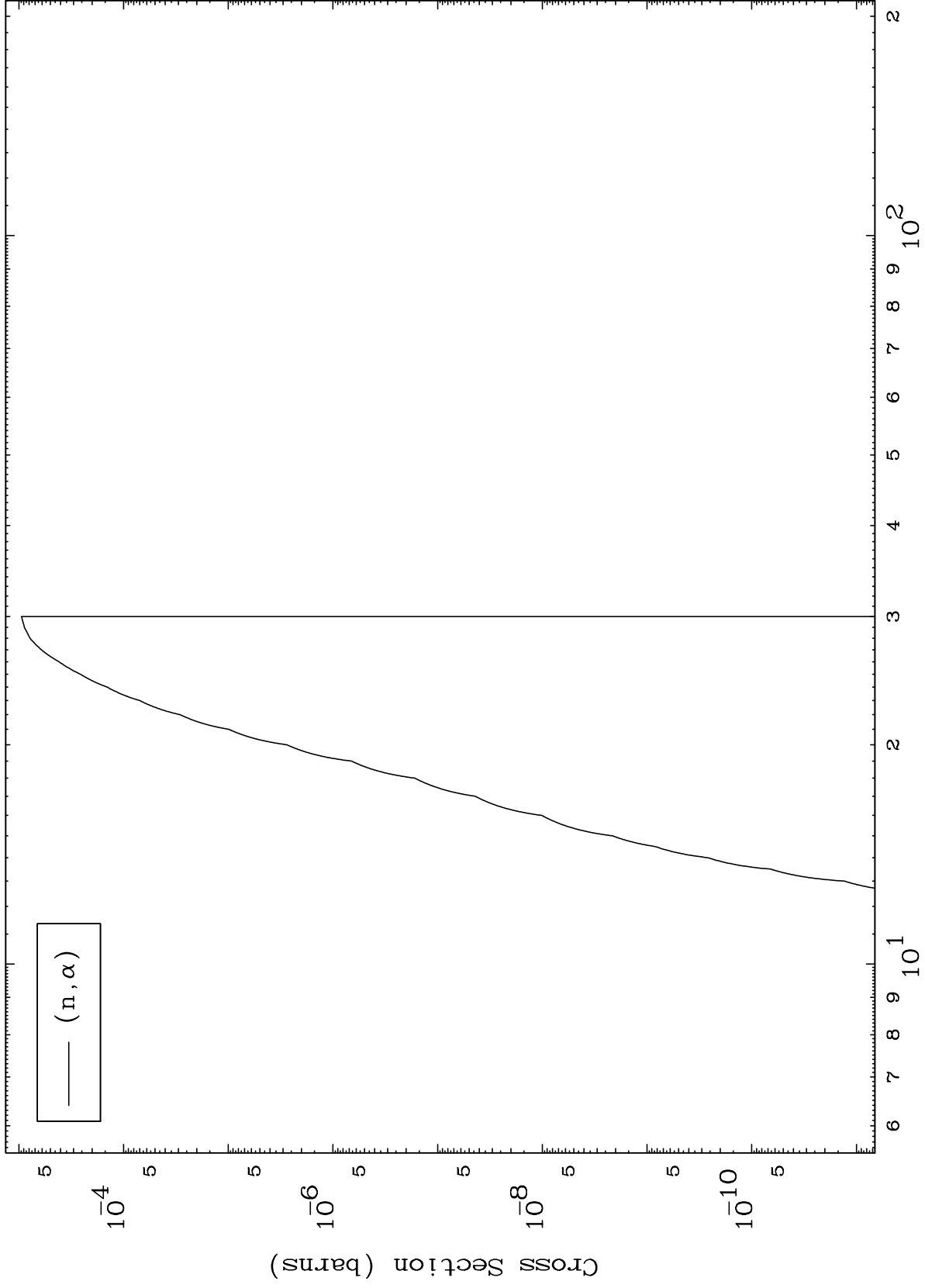
Incident Energy (MeV)

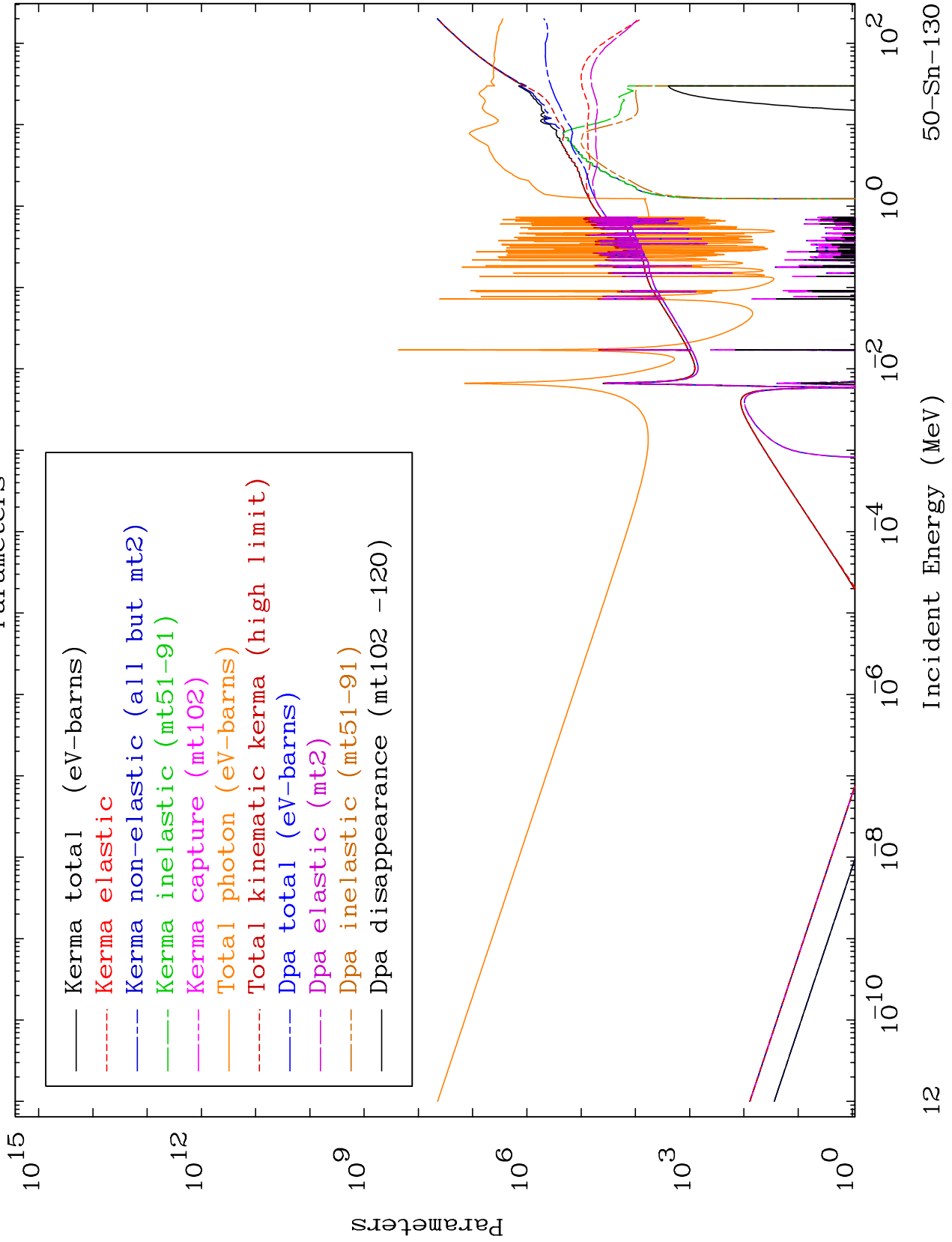
50-Sn-130

MAT 5079

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-130

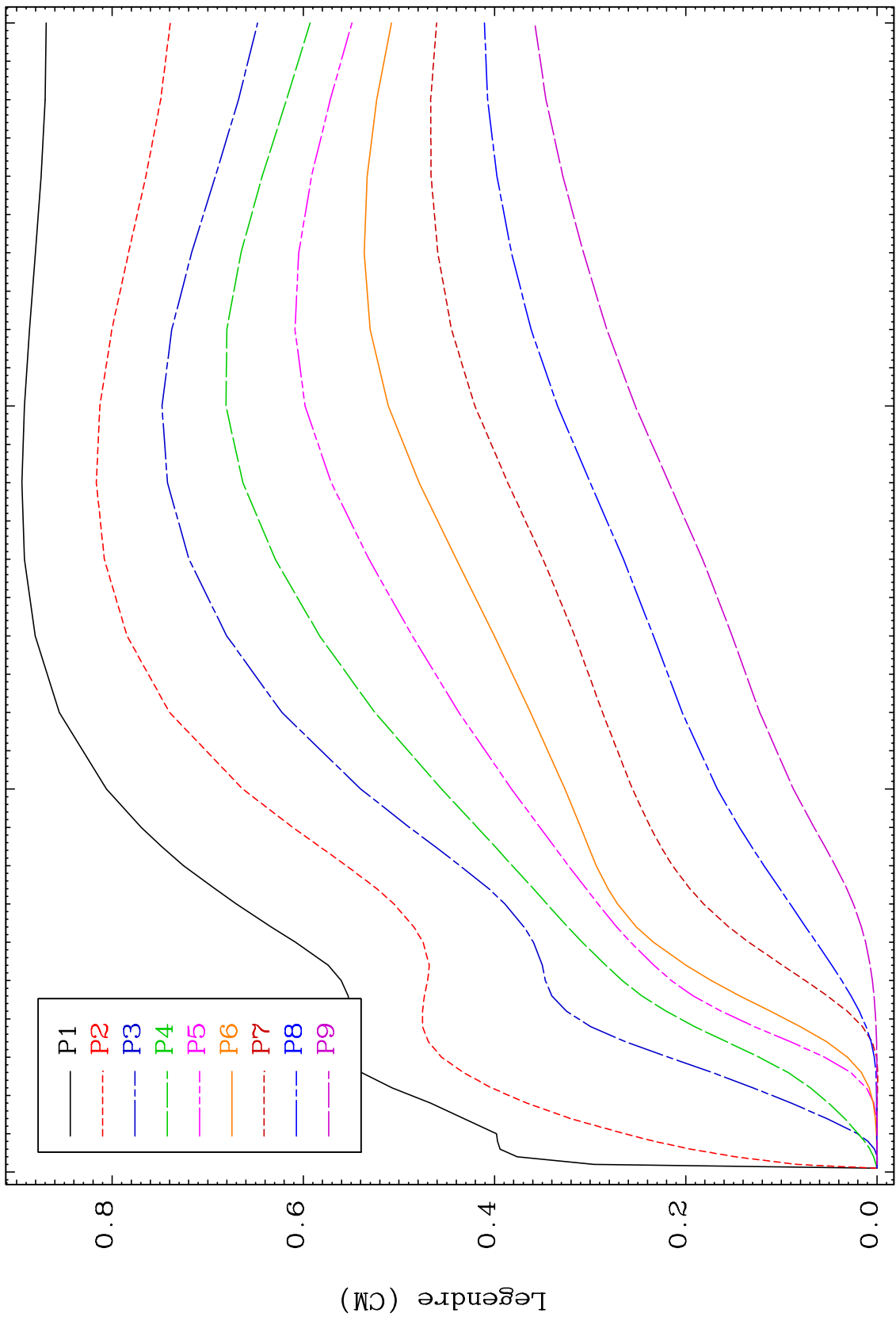




MAT 5079

Elastic Legendre Coefficients

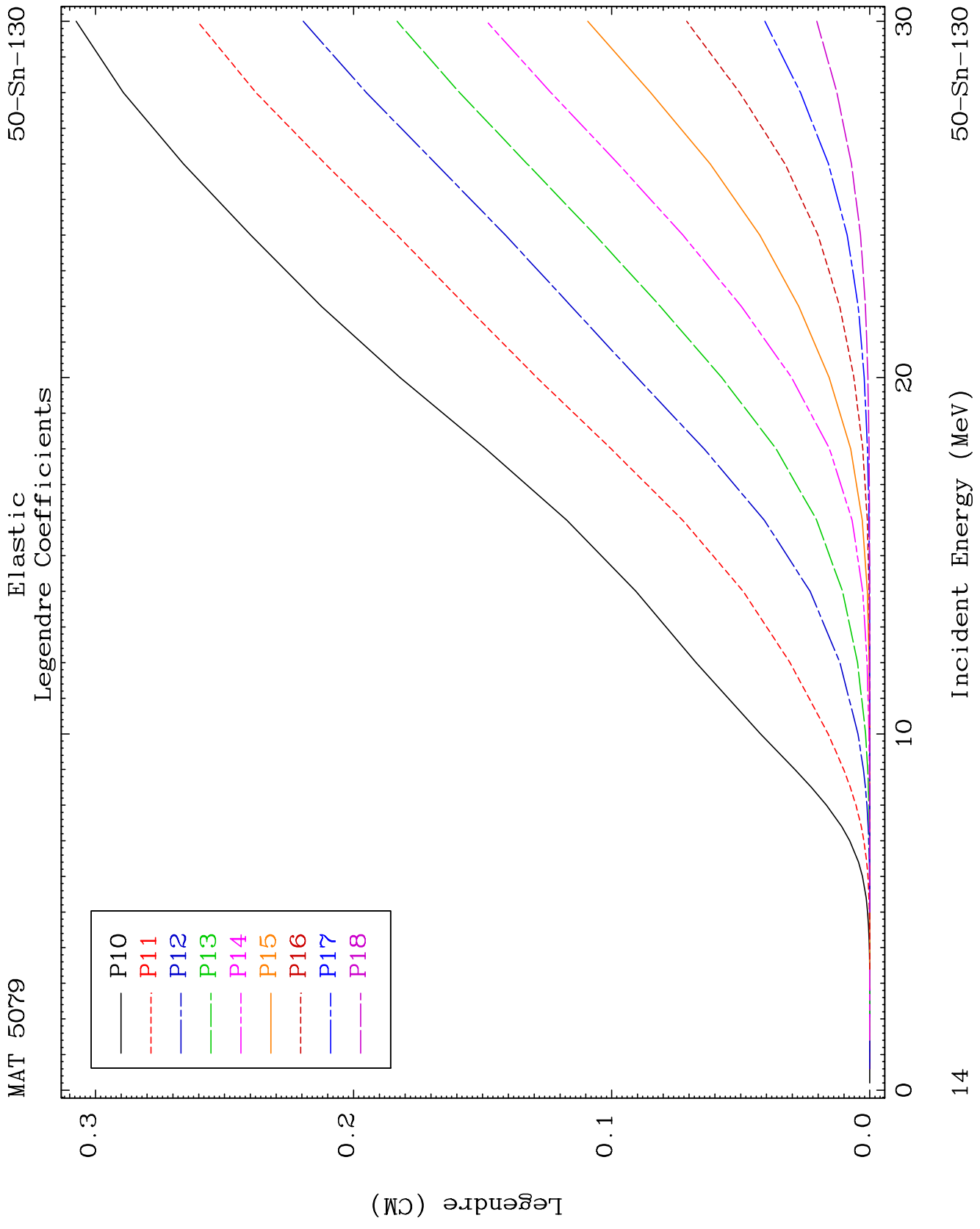
50-Sn-130



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Incident Energy (MeV)

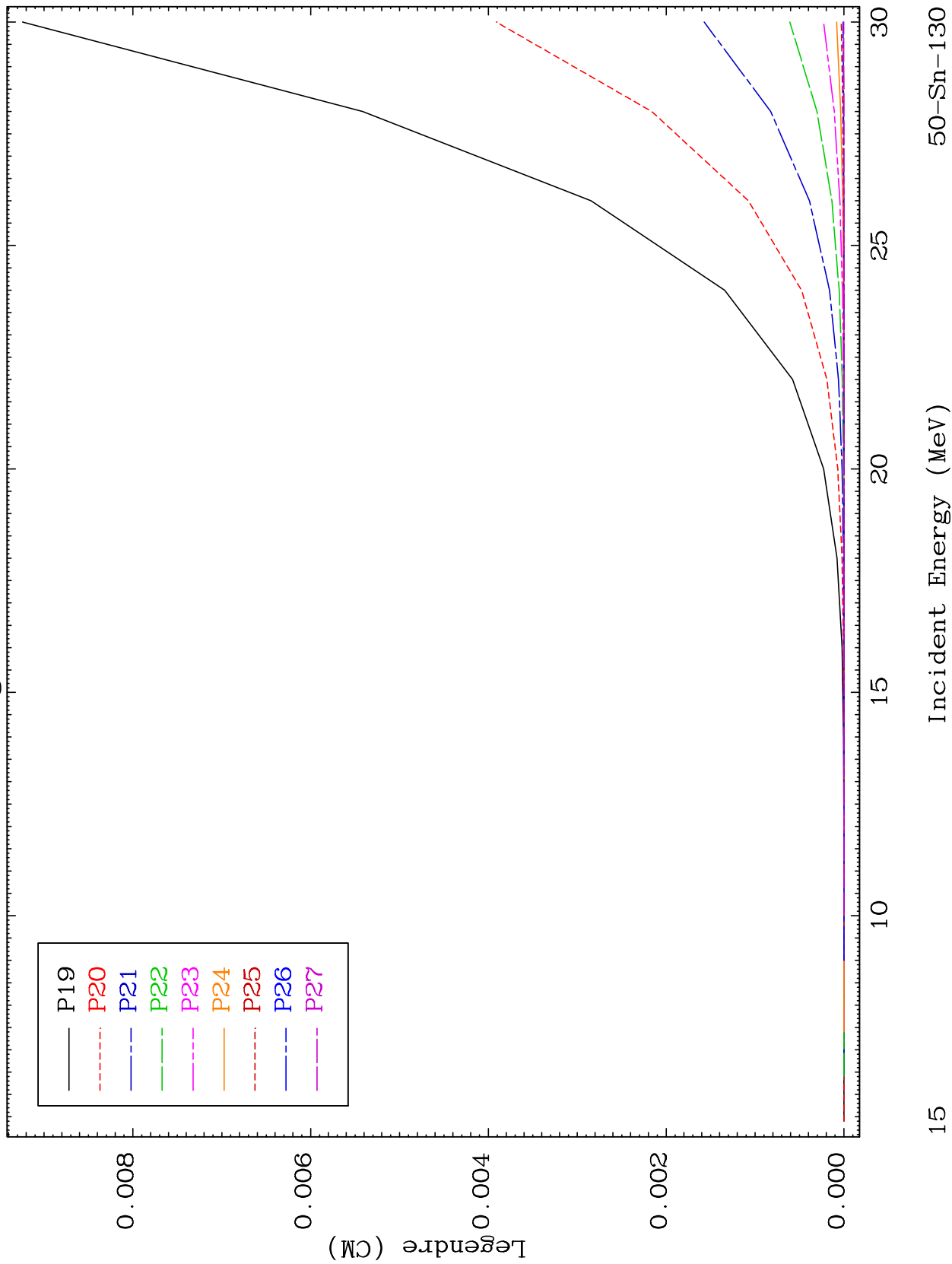
50-Sn-130



MAT 5079

Elastic Legendre Coefficients

50-Sn-130



15

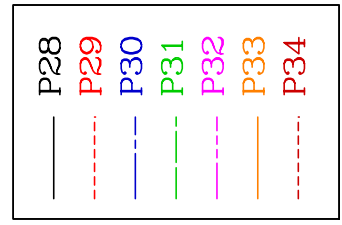
Incident Energy (MeV)

50-Sn-130

MAT 5079

Elastic Legendre Coefficients

50-Sn-130

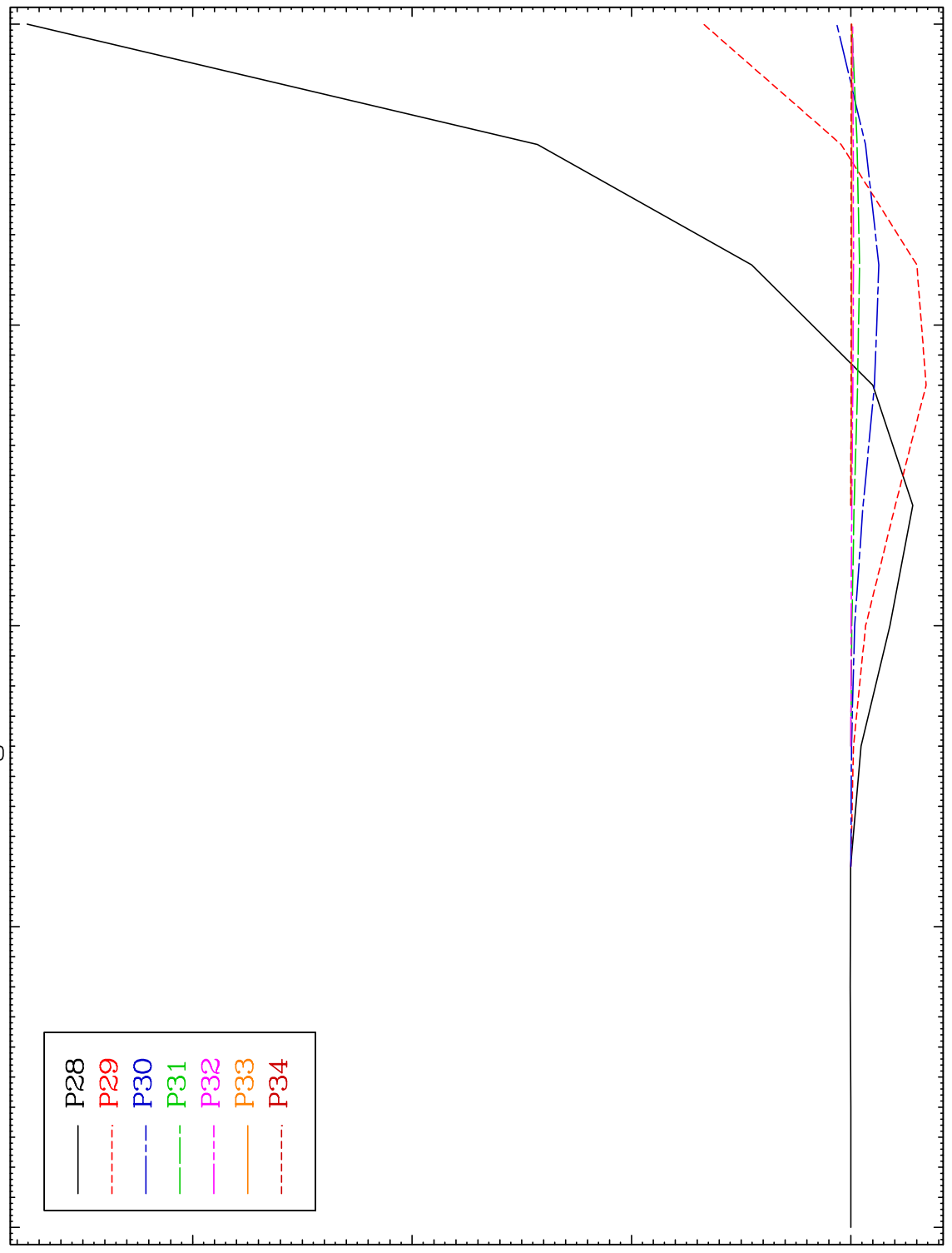


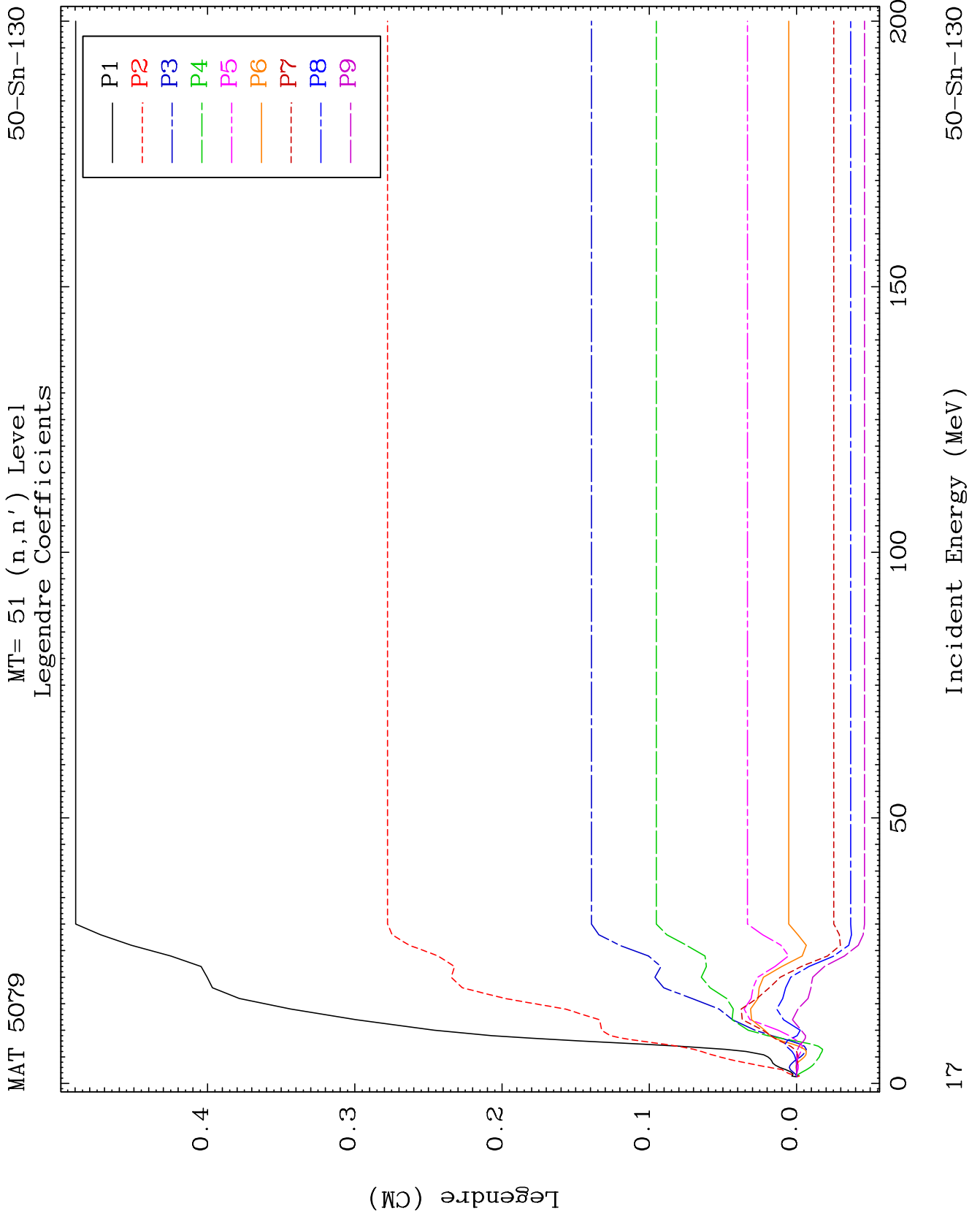
$\times 10^{-7}$

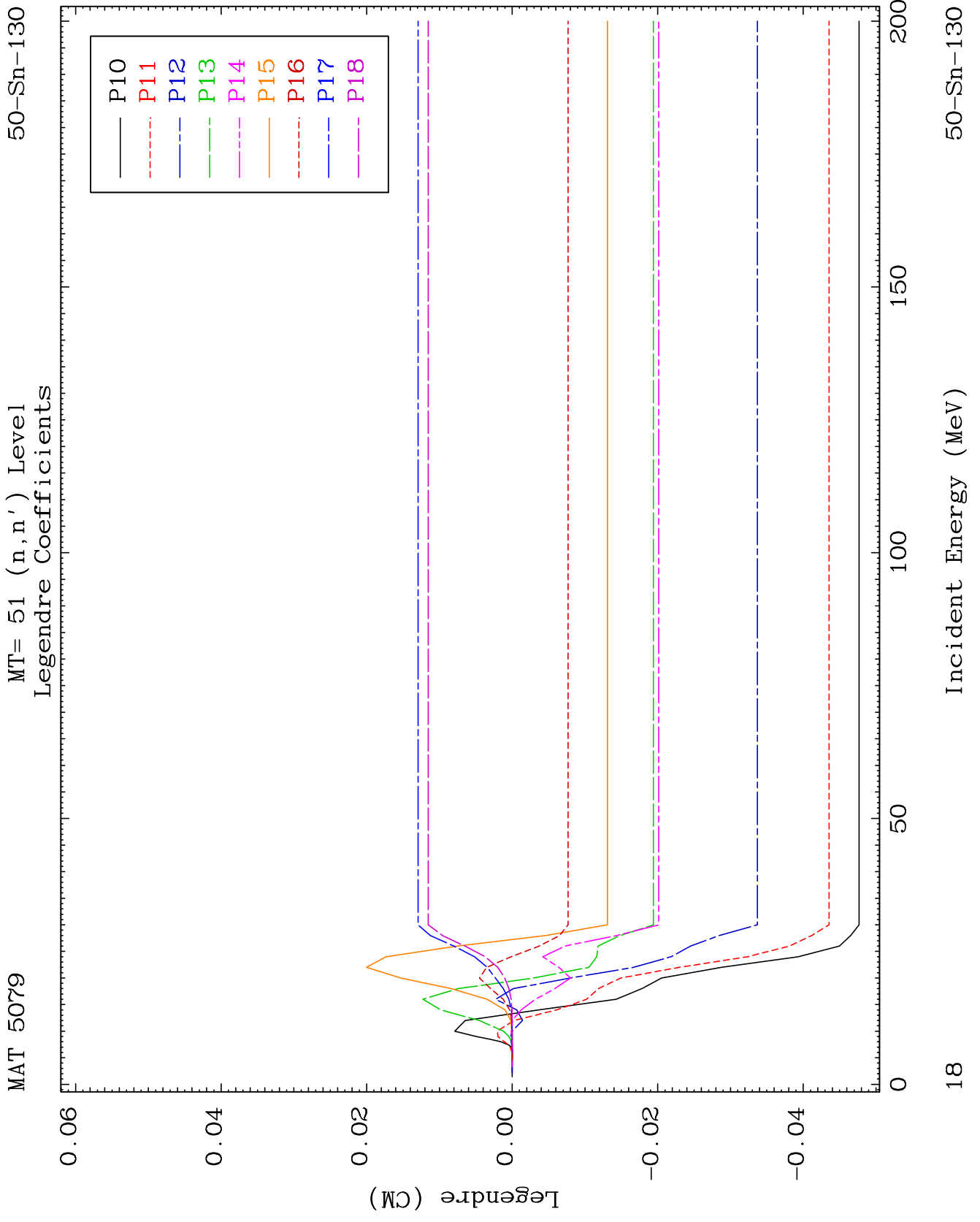
Legendre (CM)

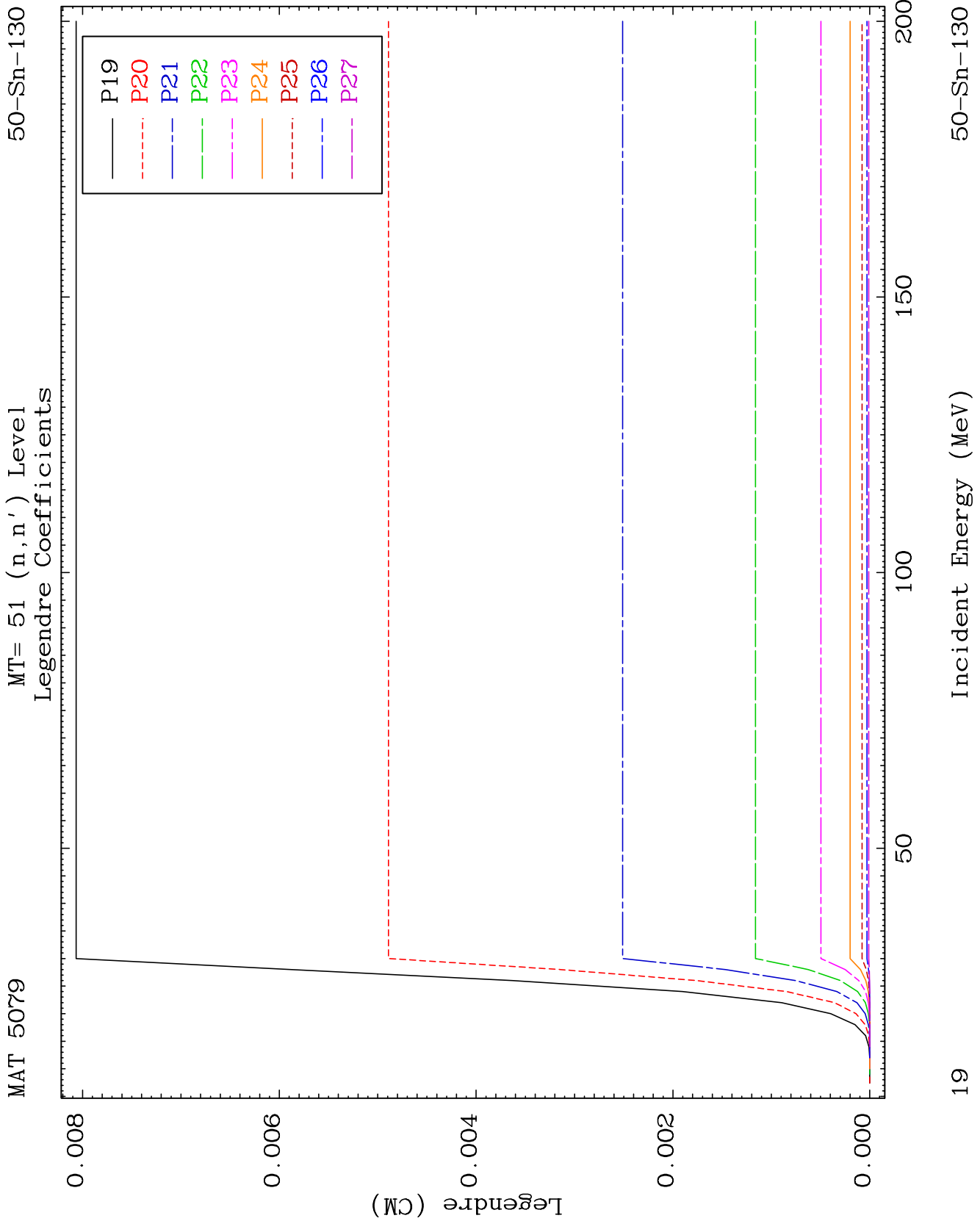
Incident Energy (MeV)

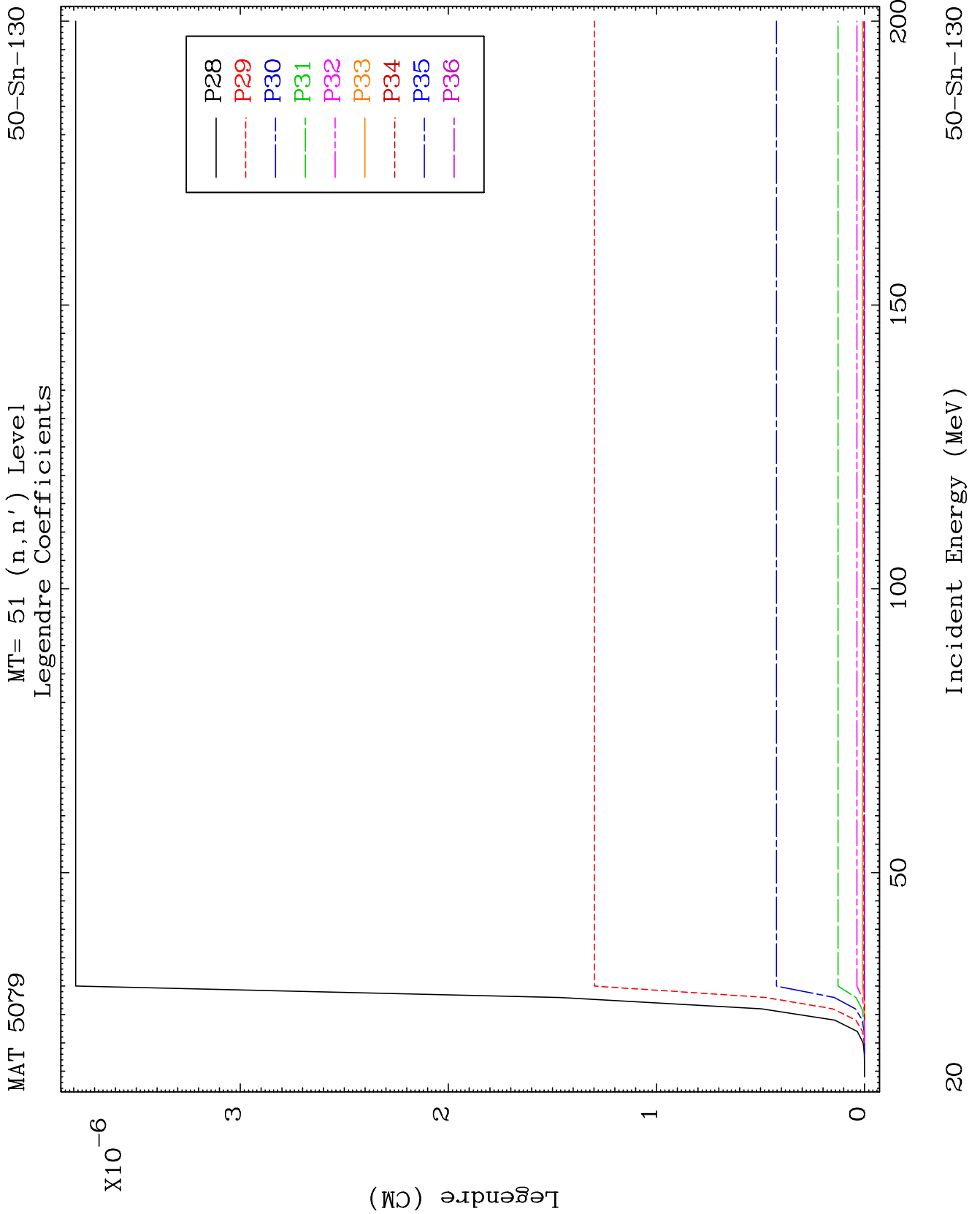
50-Sn-130

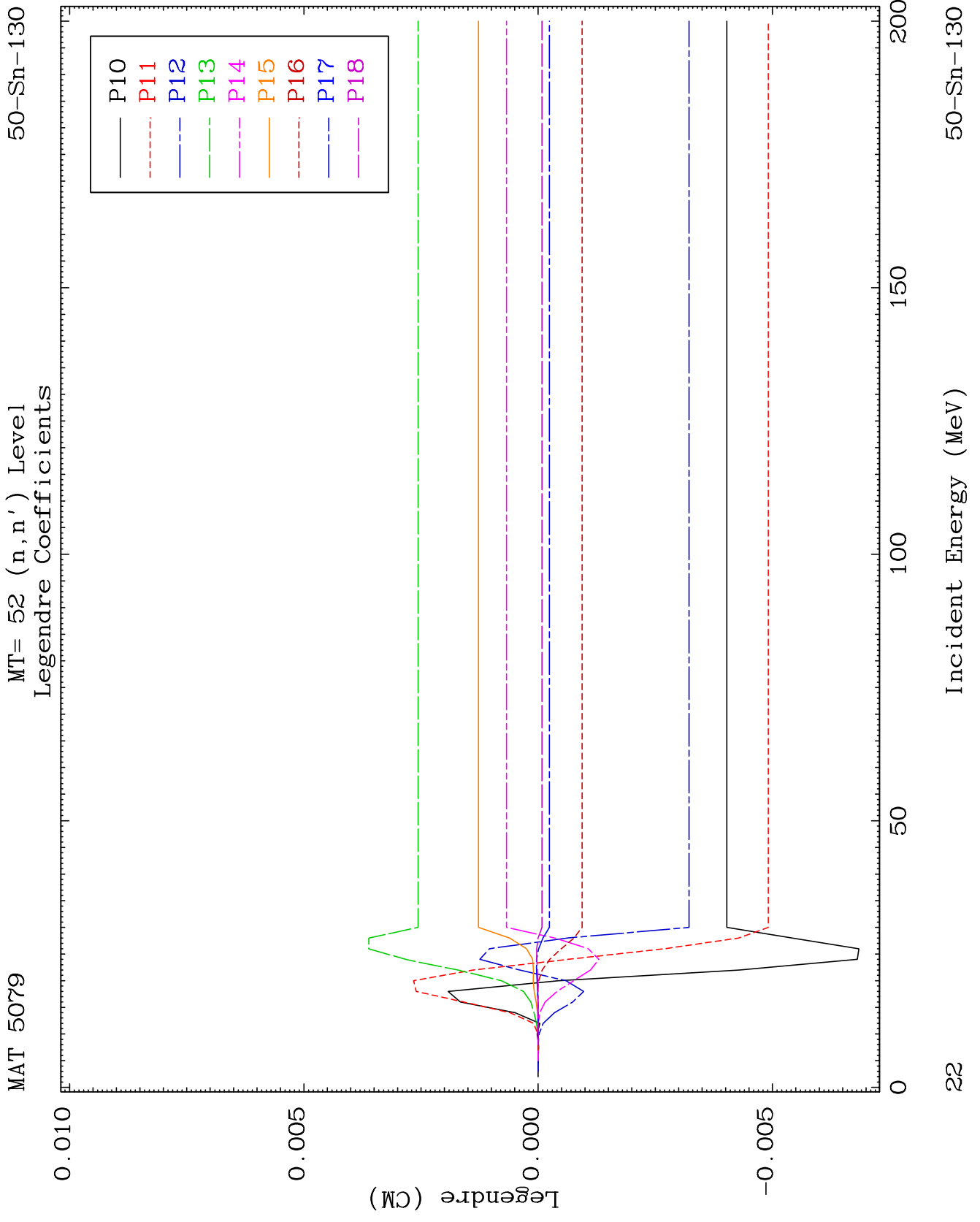


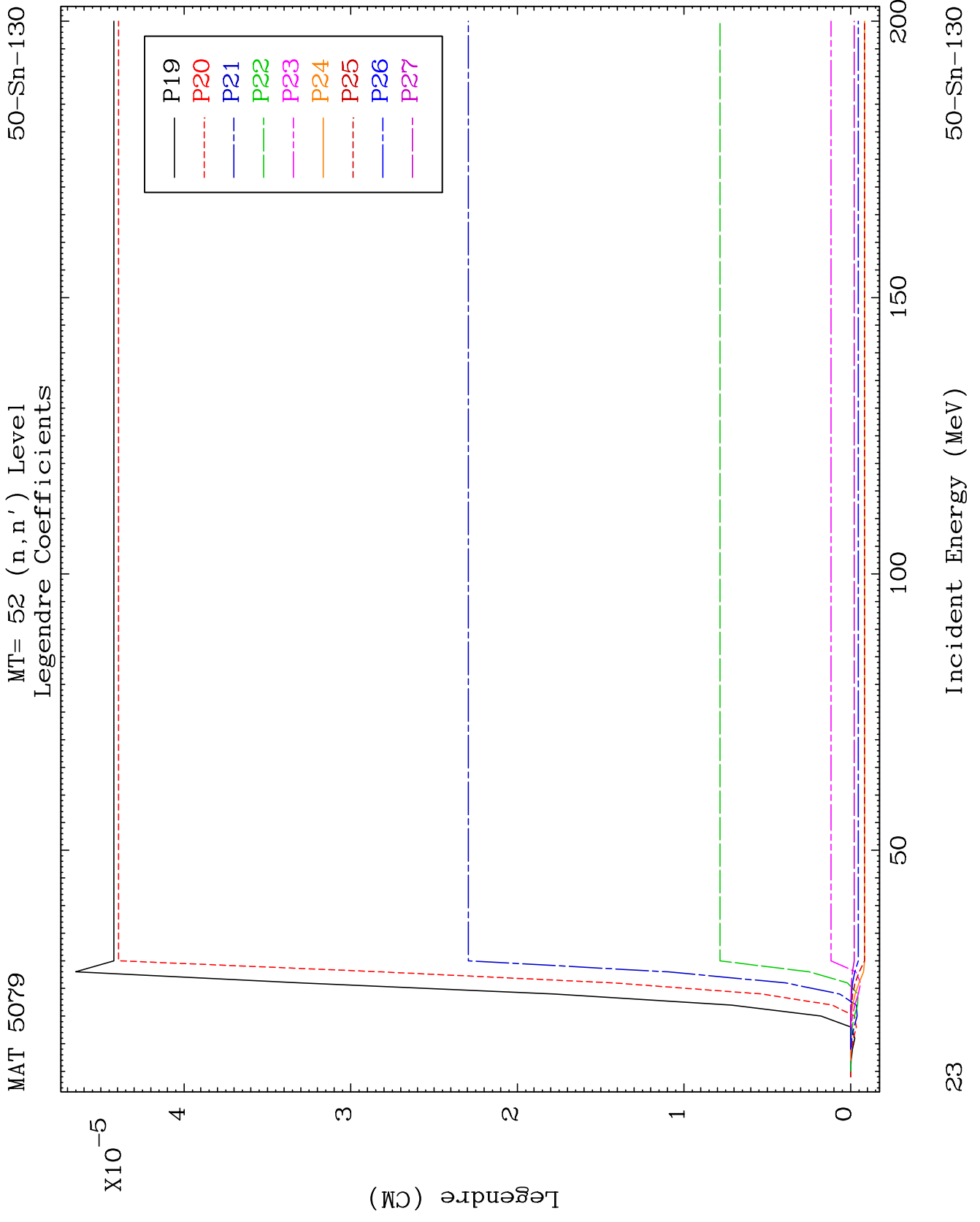


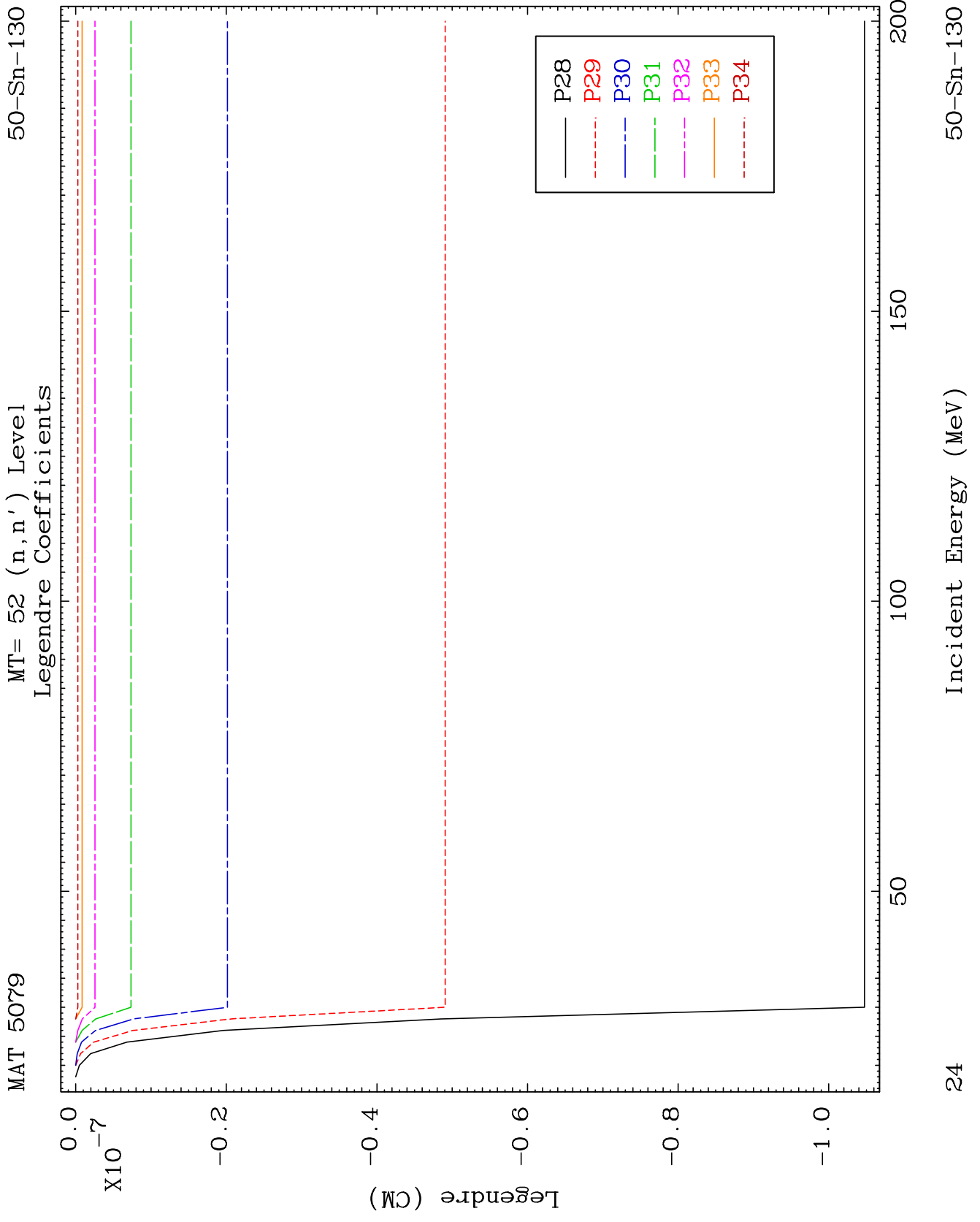


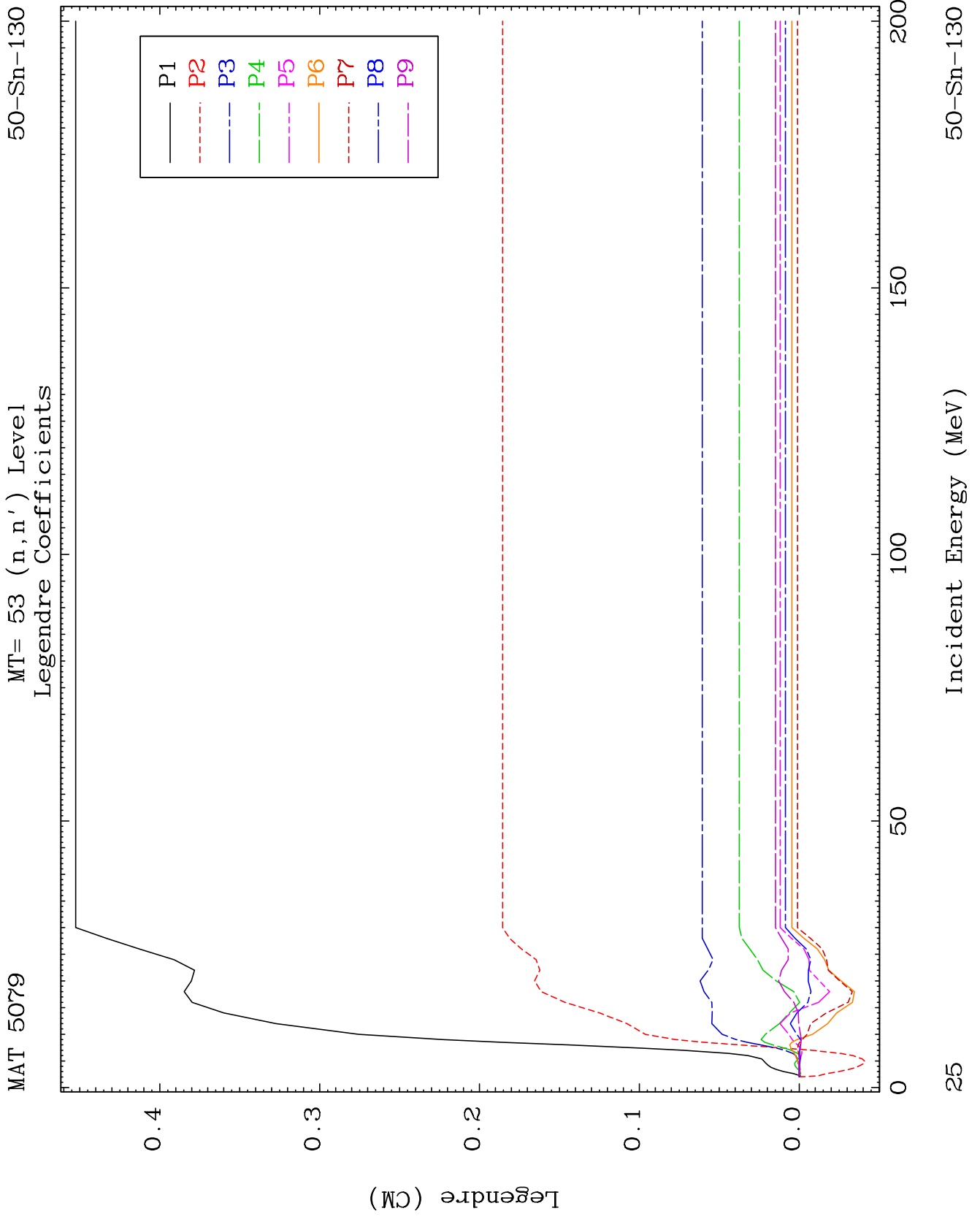








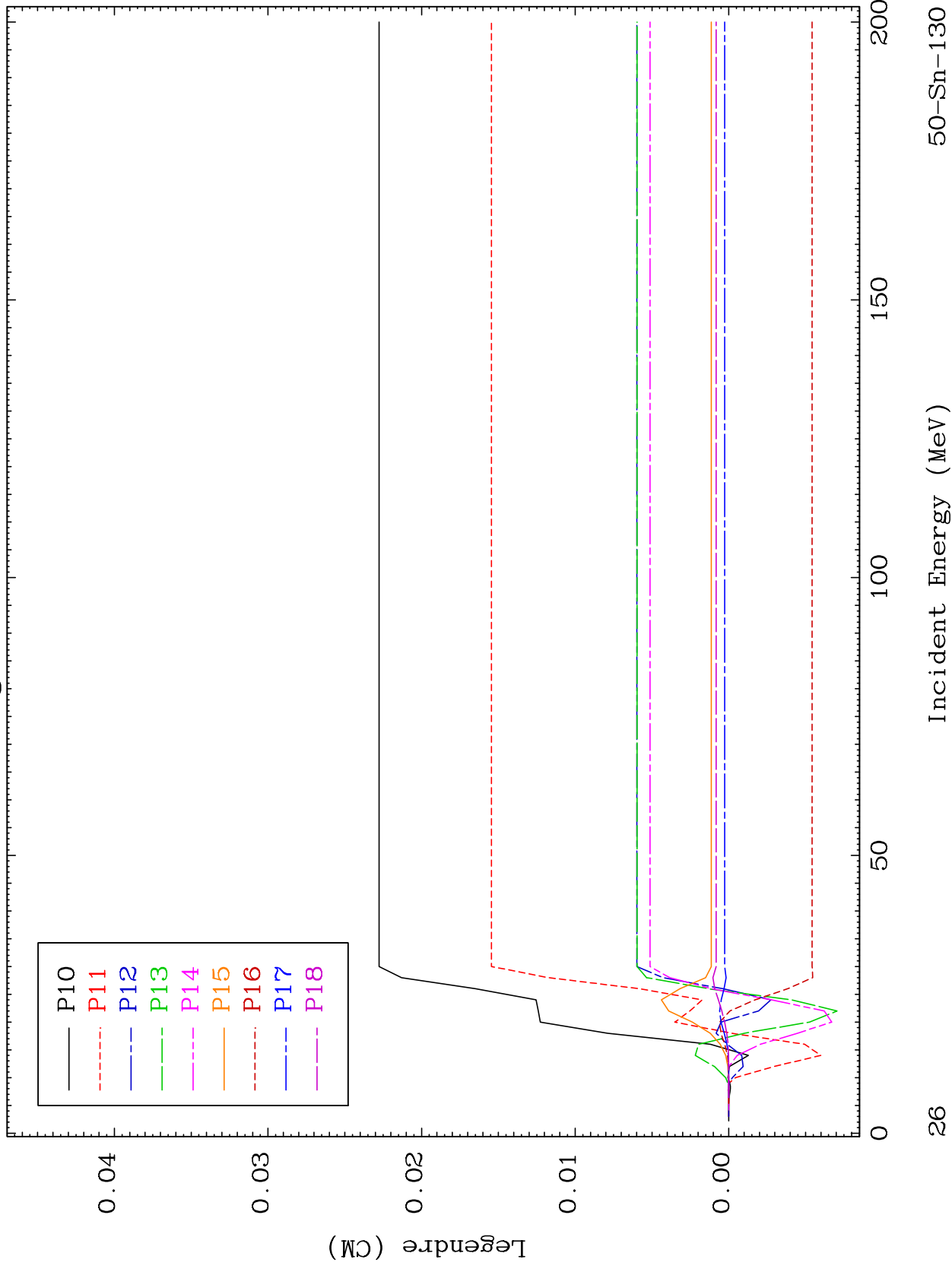




MAT 5079

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

50-Sn-130



26

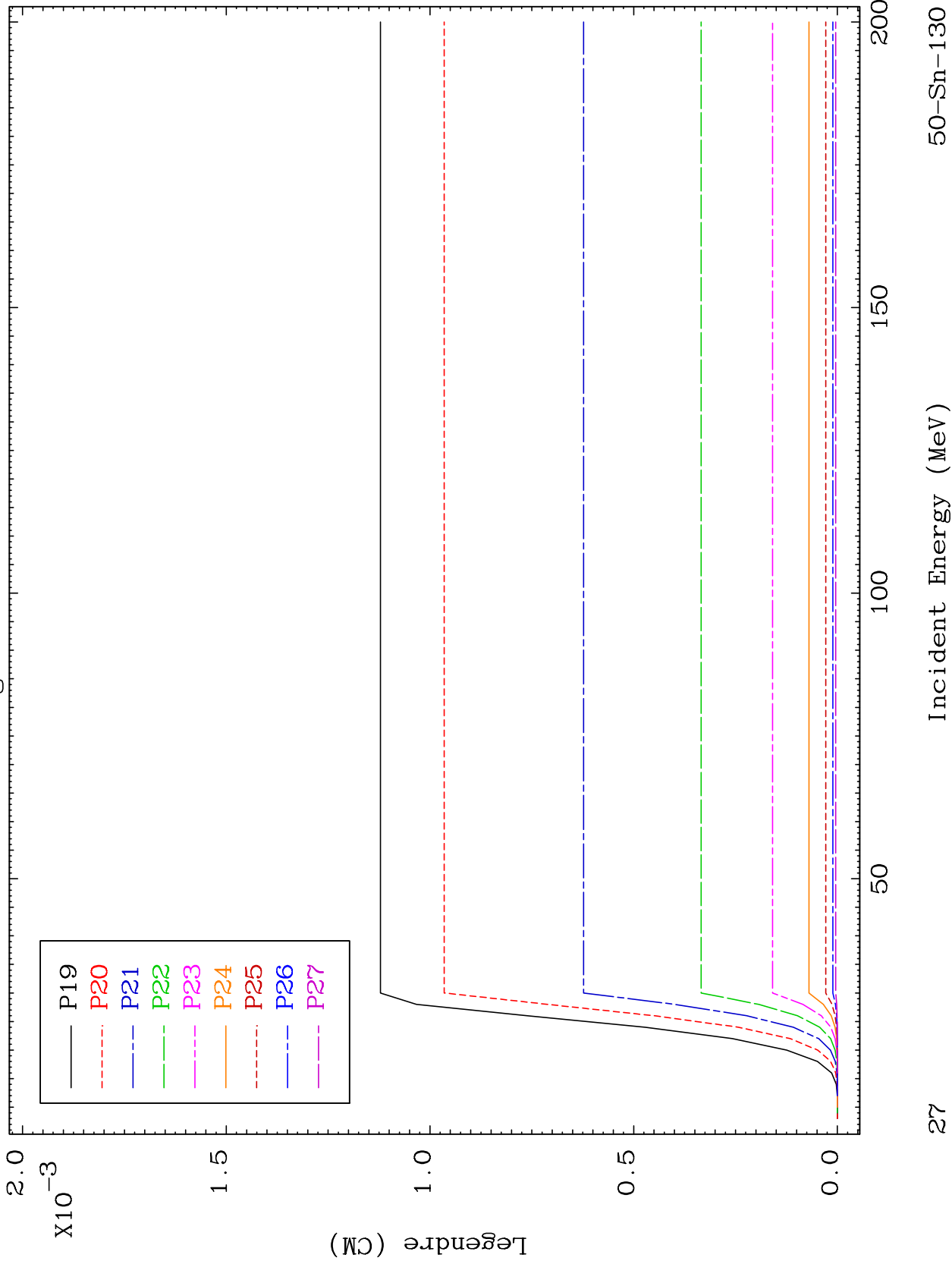
Incident Energy (MeV)

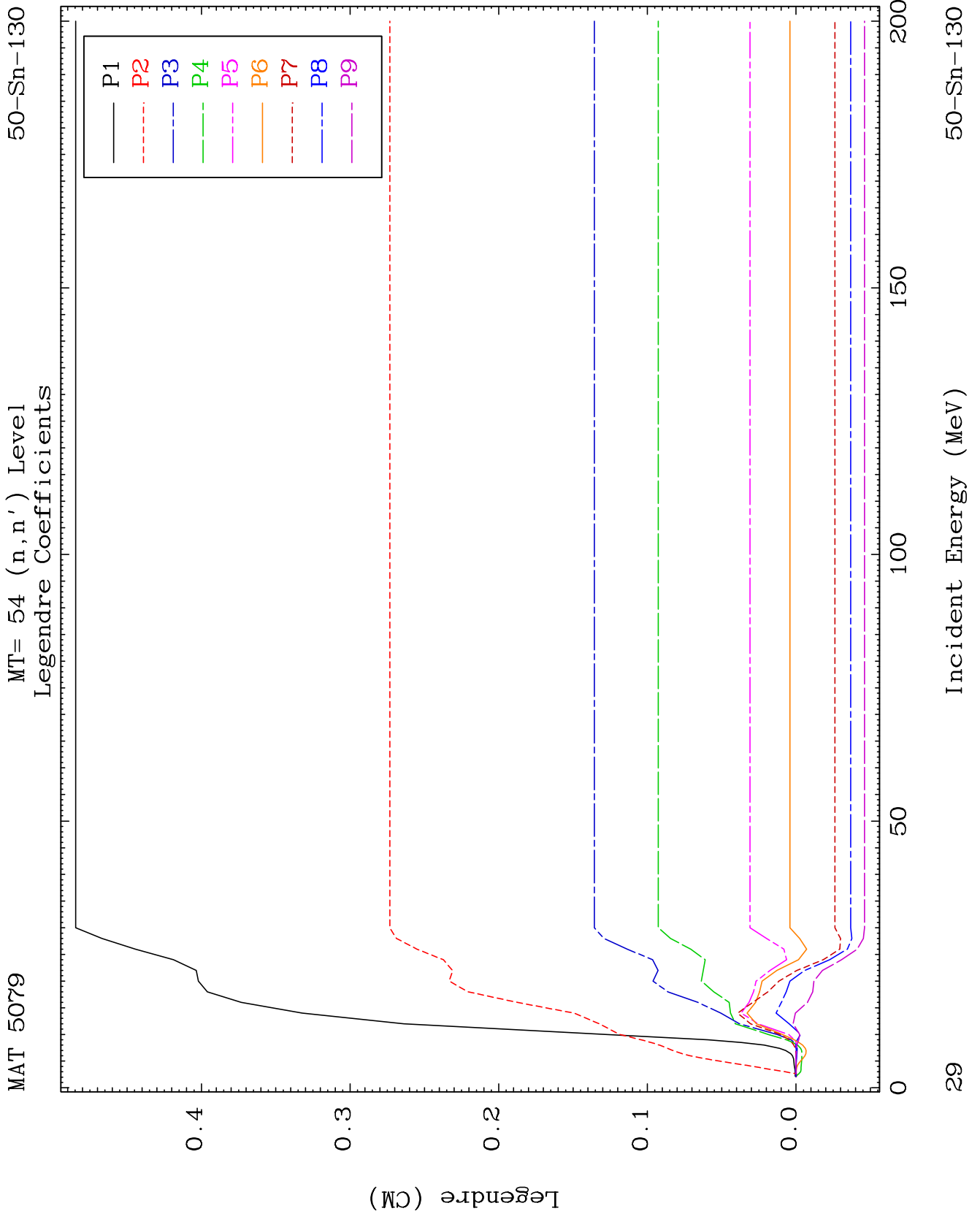
50-Sn-130

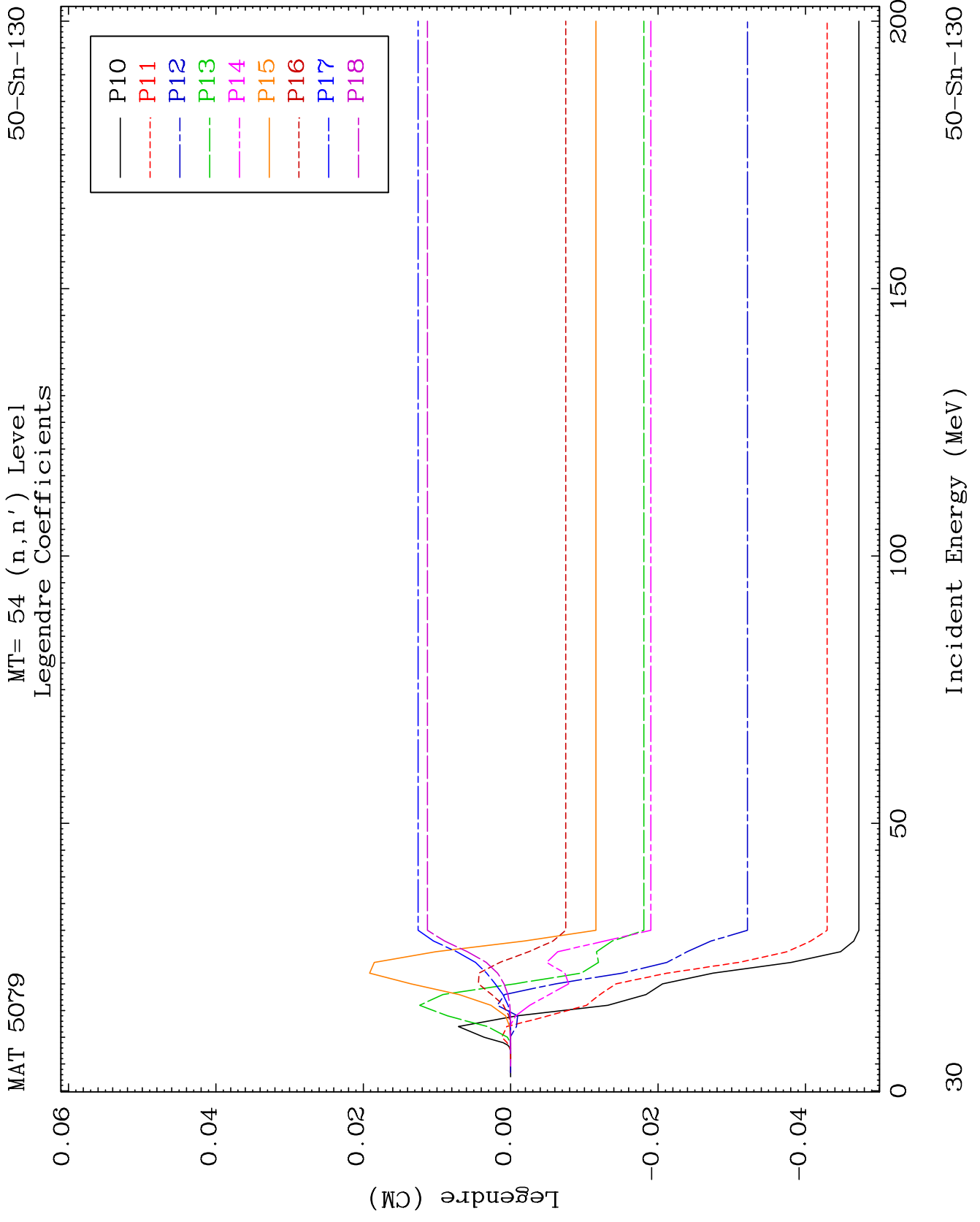
MAT 5079

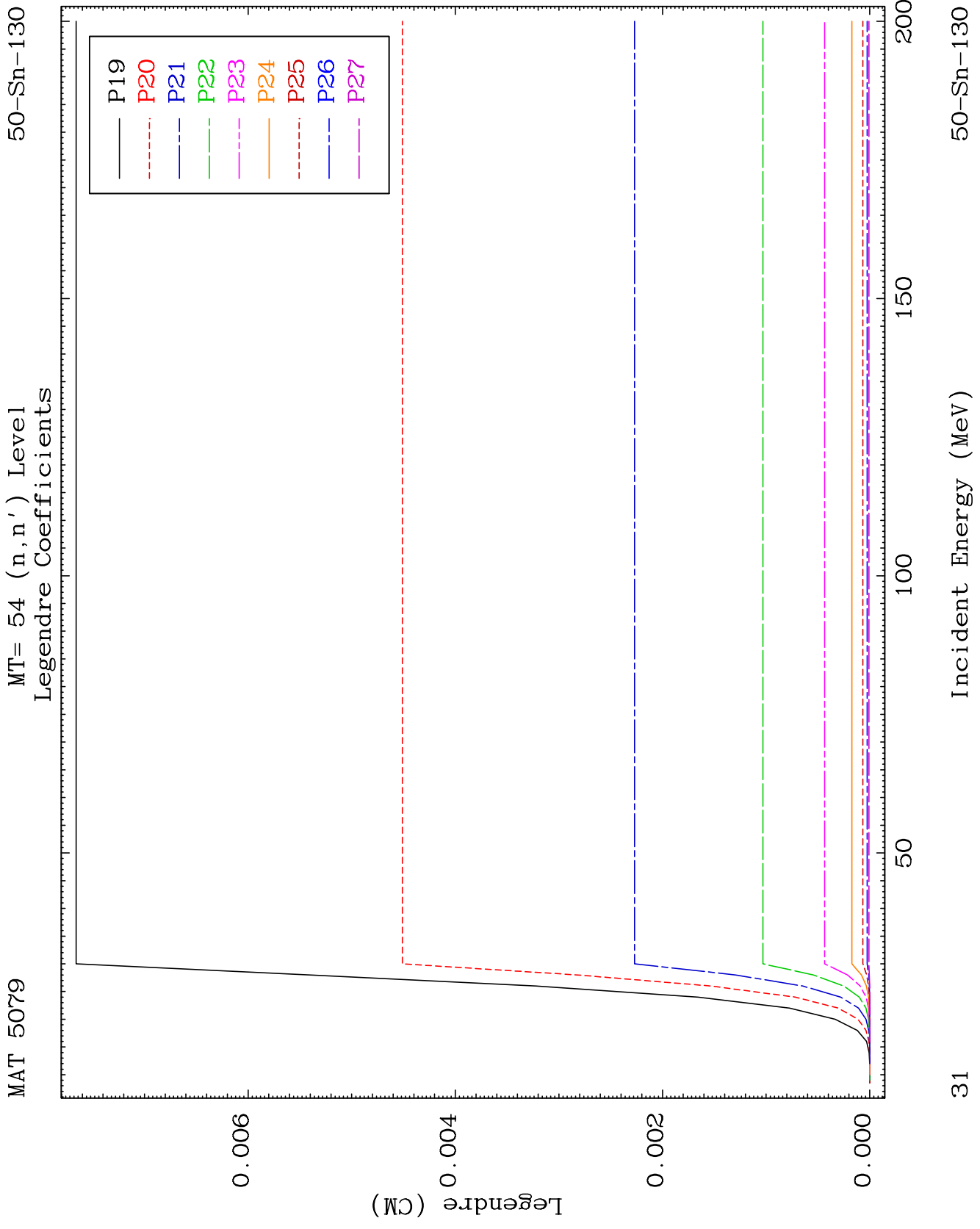
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-130





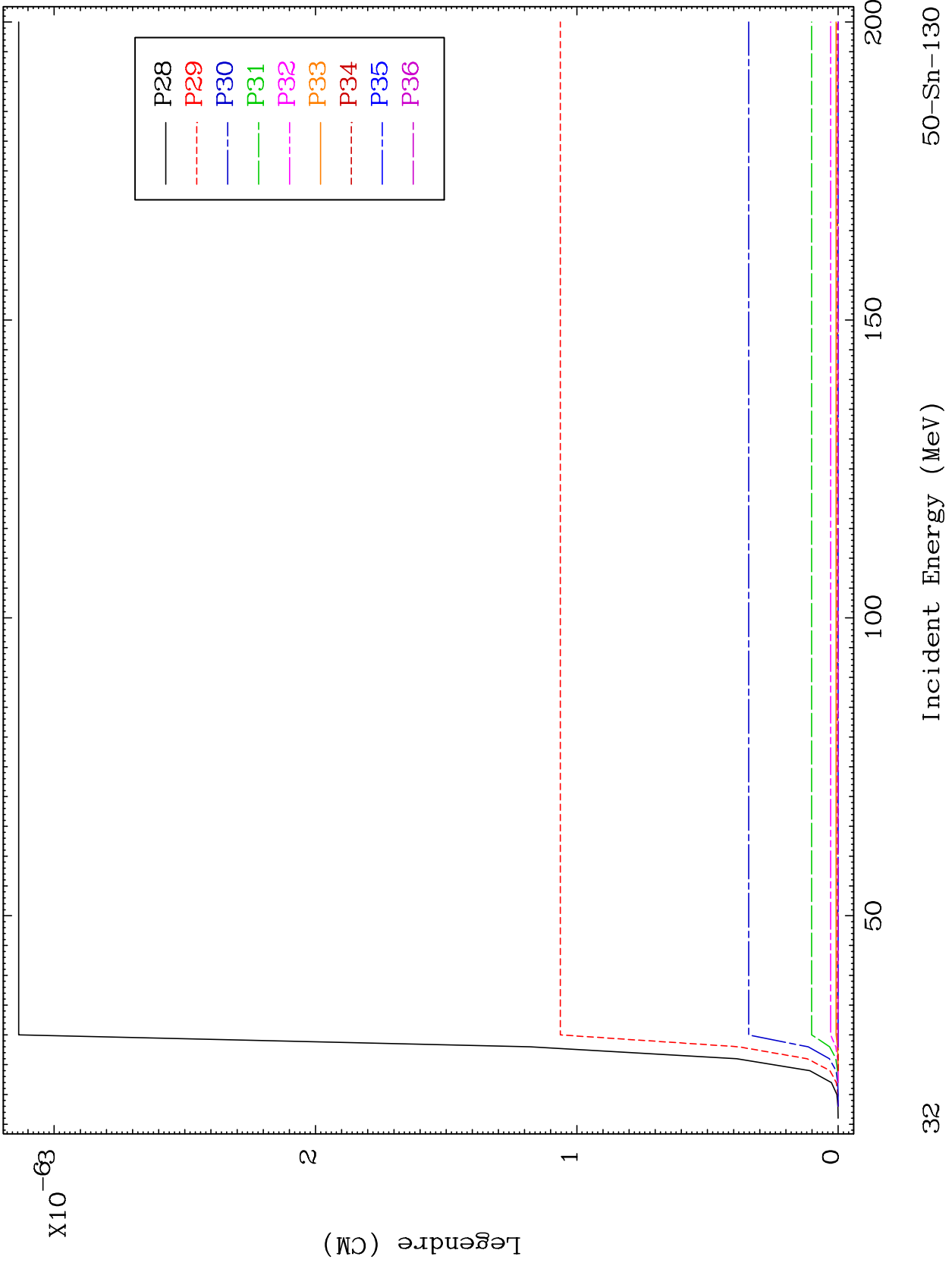




MAT 5079

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

50-Sn-130

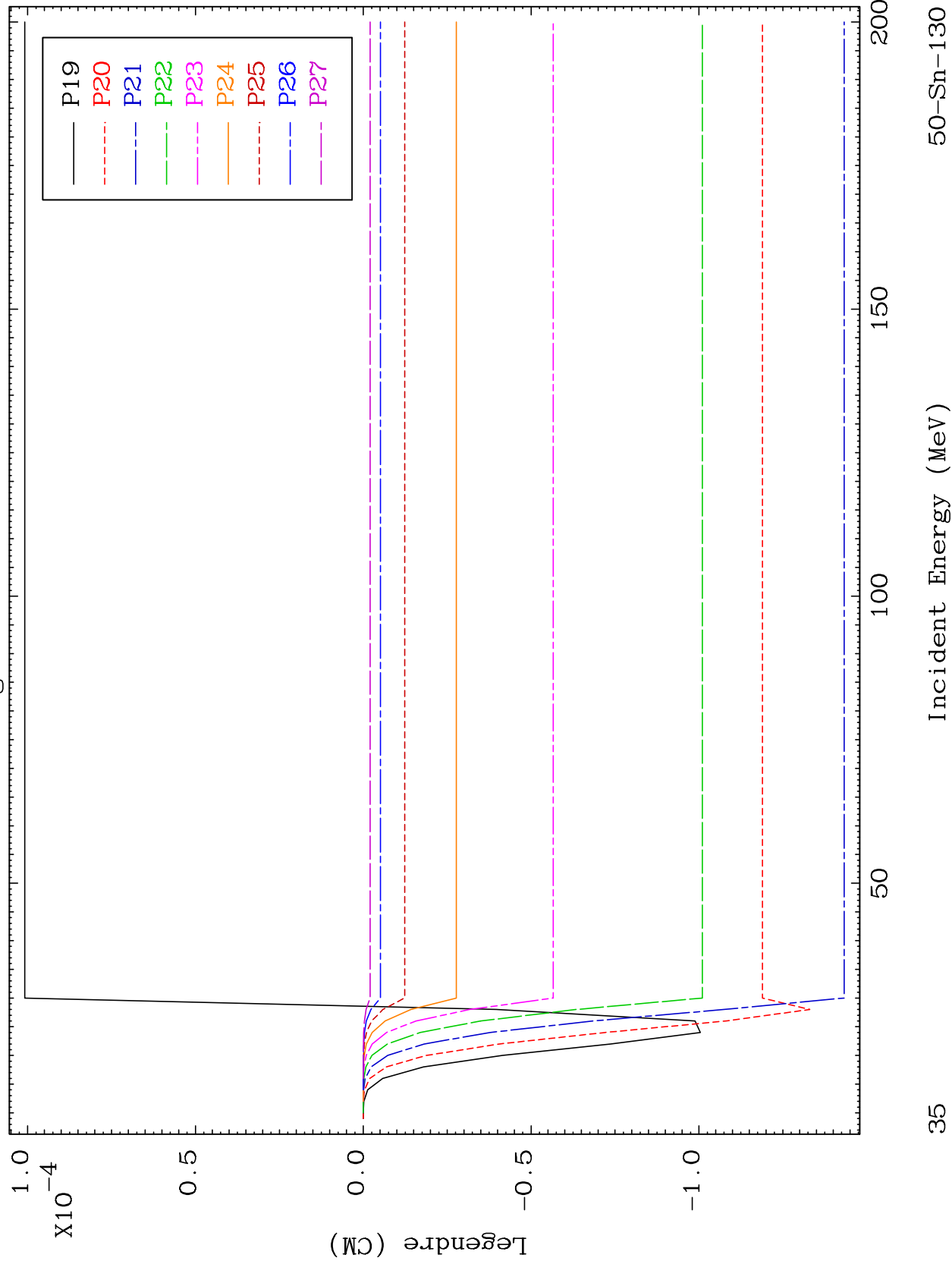


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MAT 5079

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

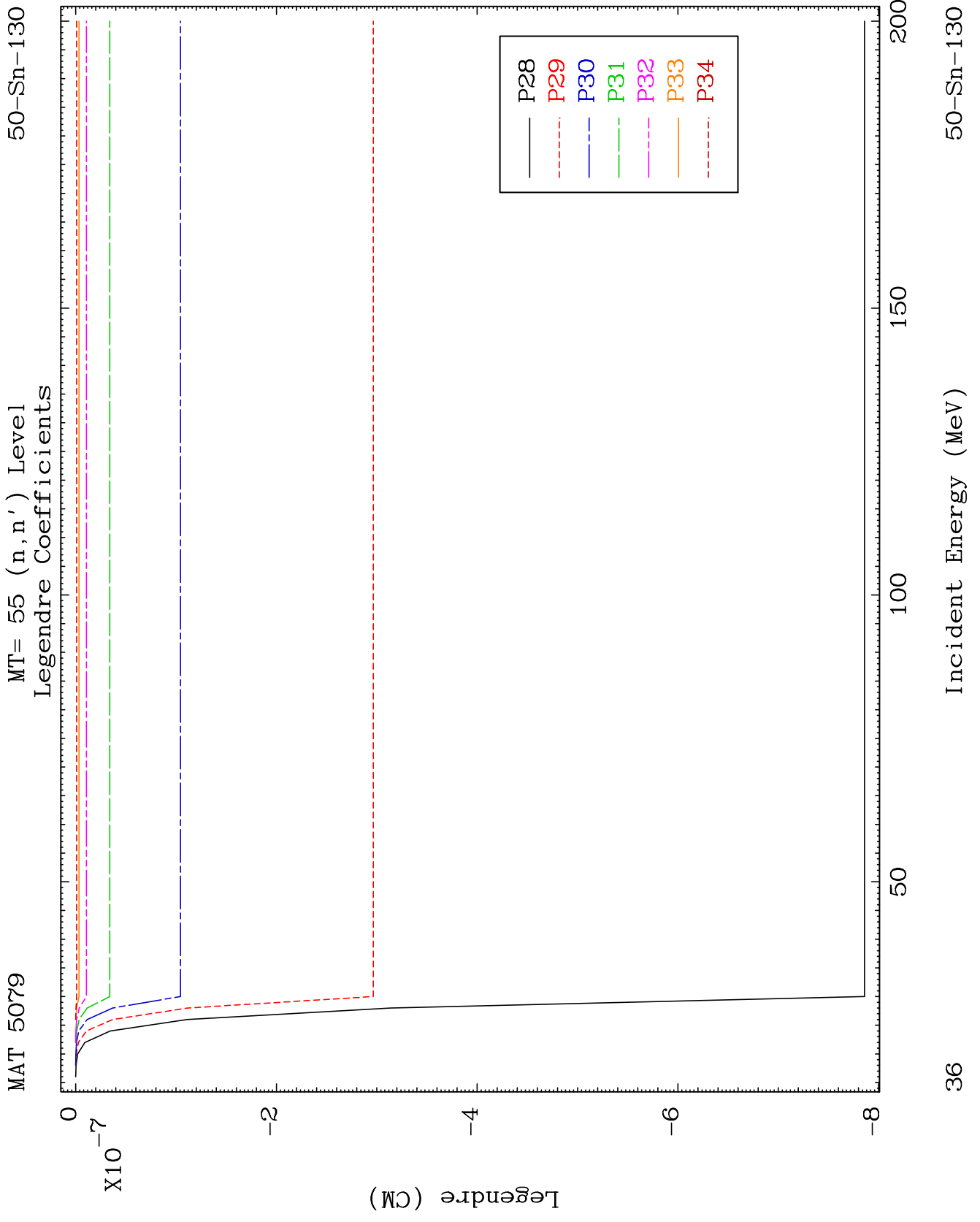
50-Sn-130

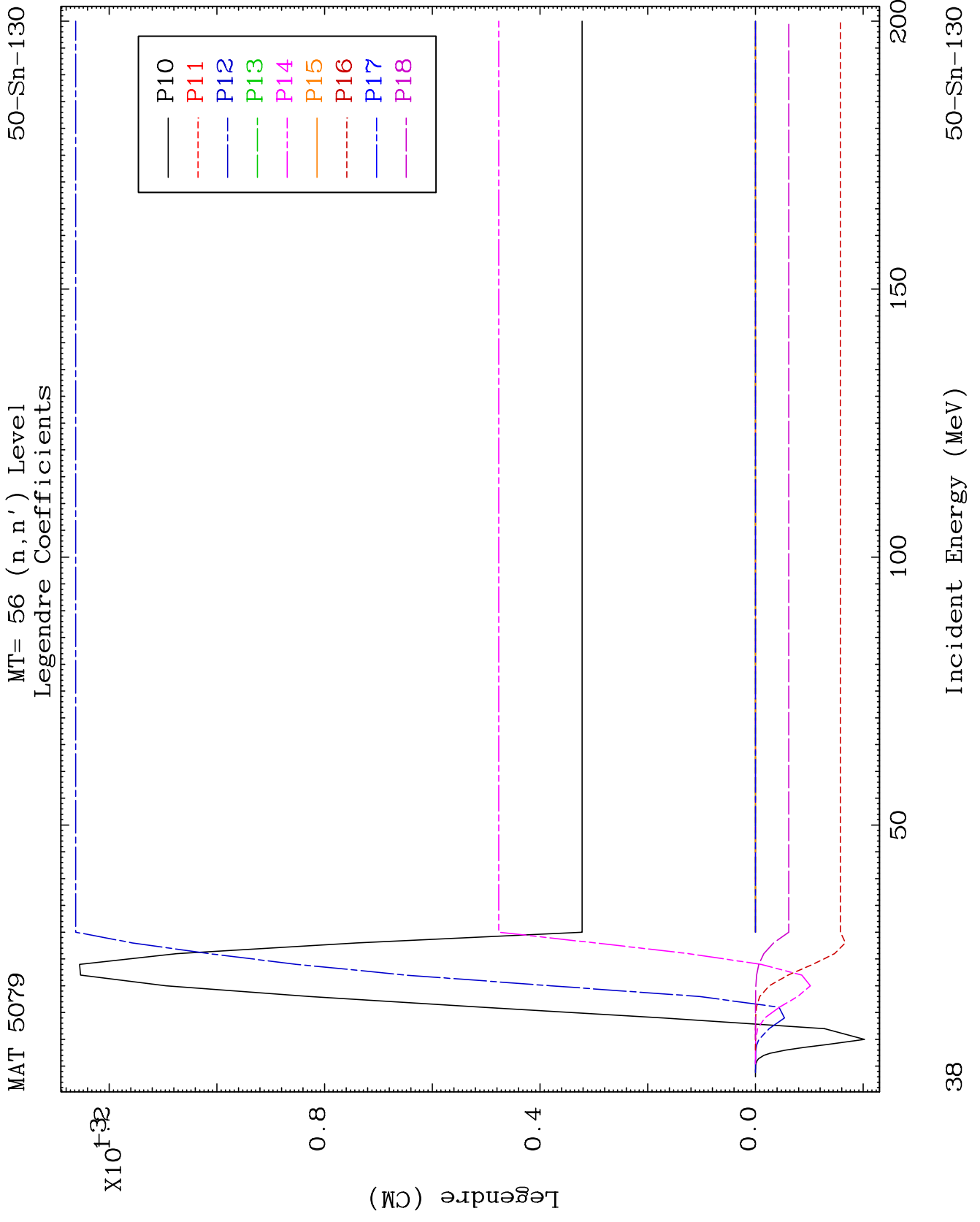


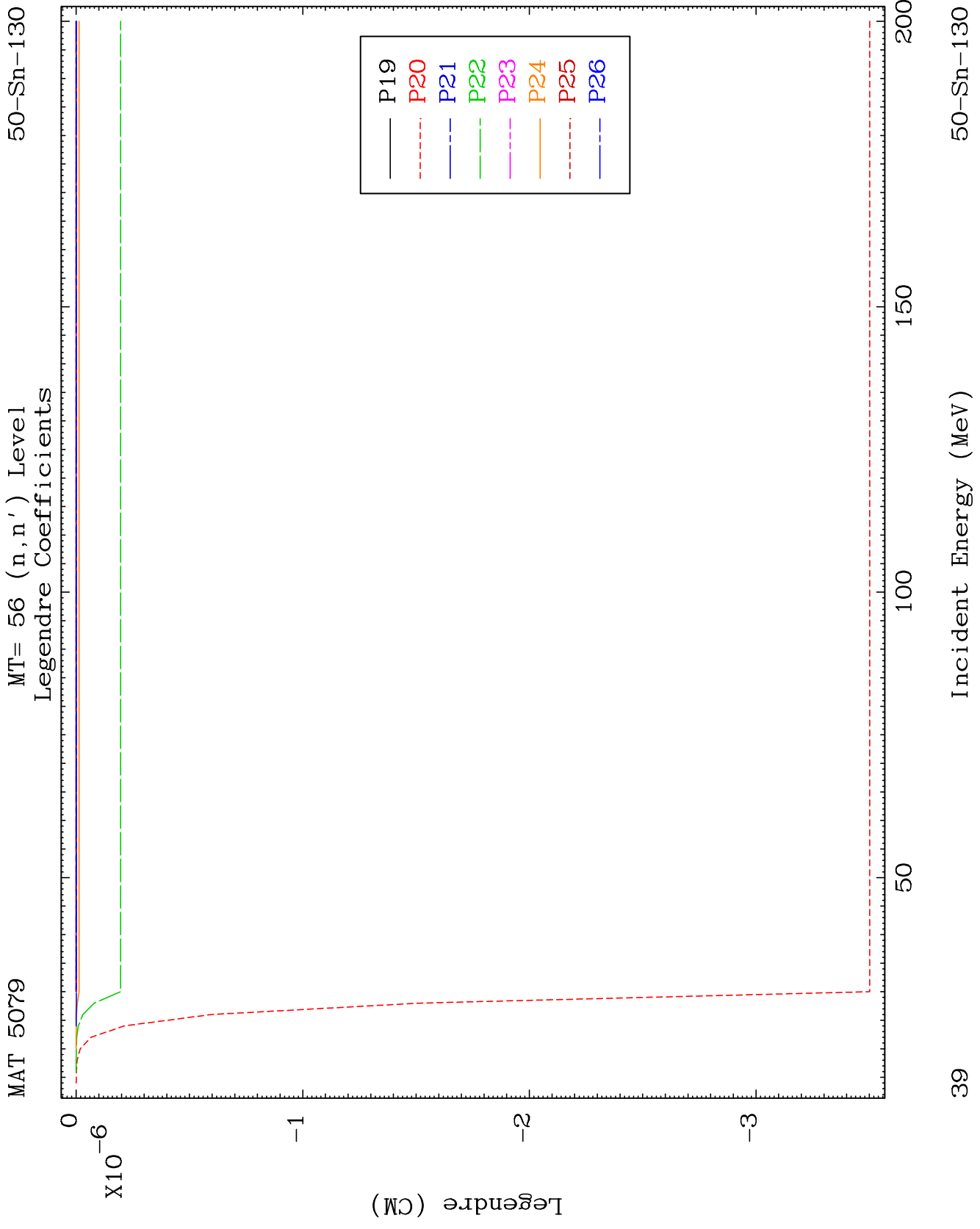
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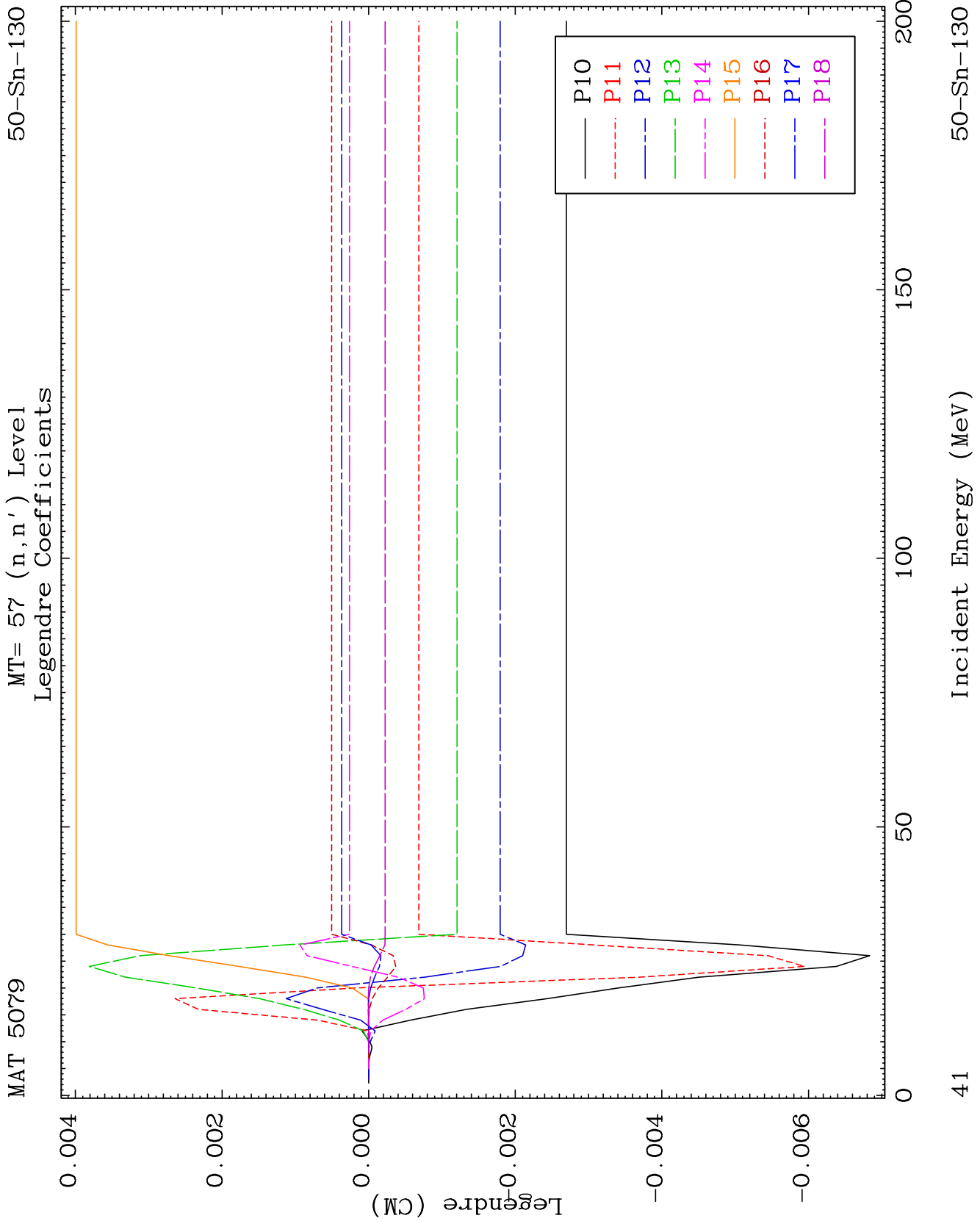
Incident Energy (MeV)

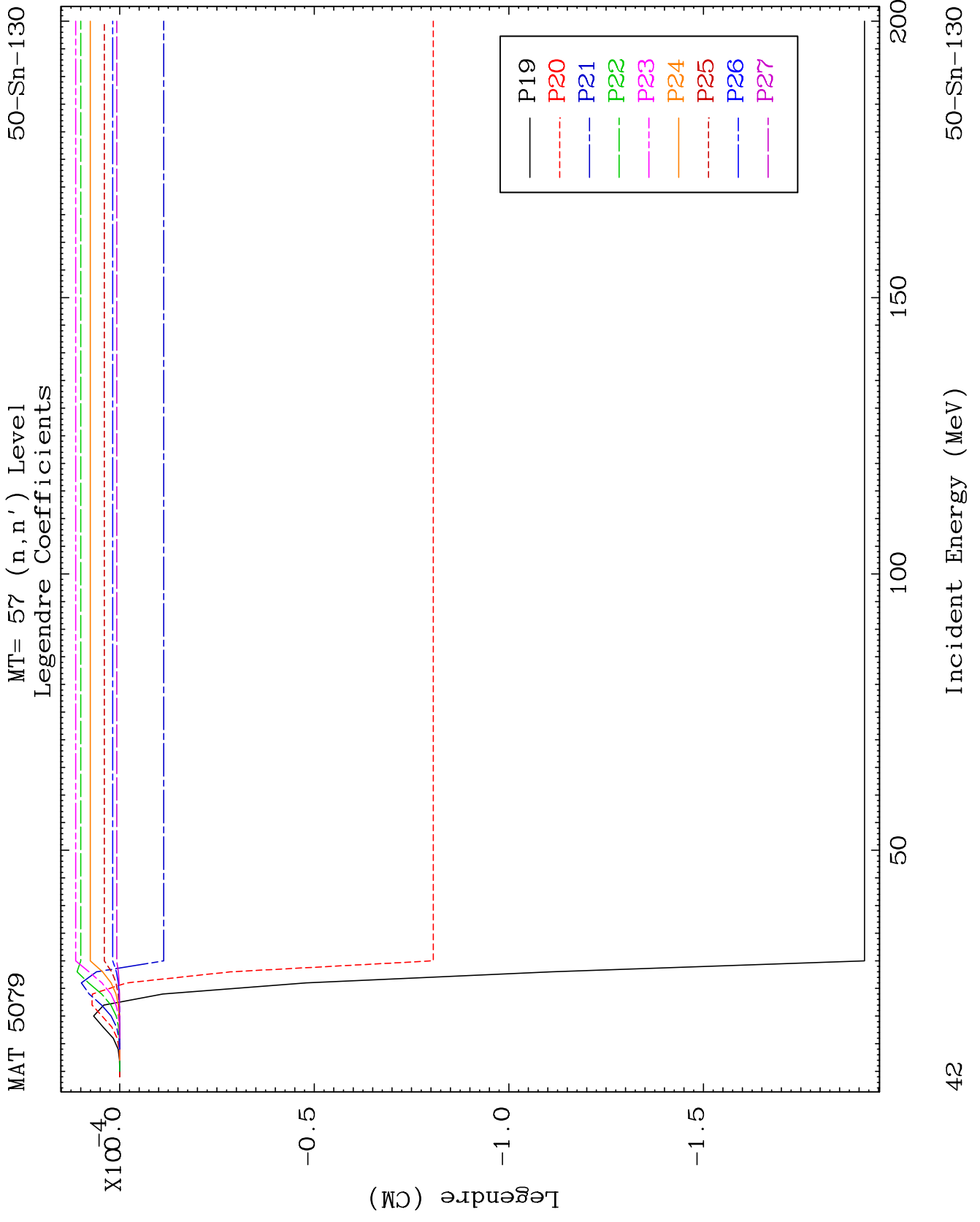
50-Sn-130







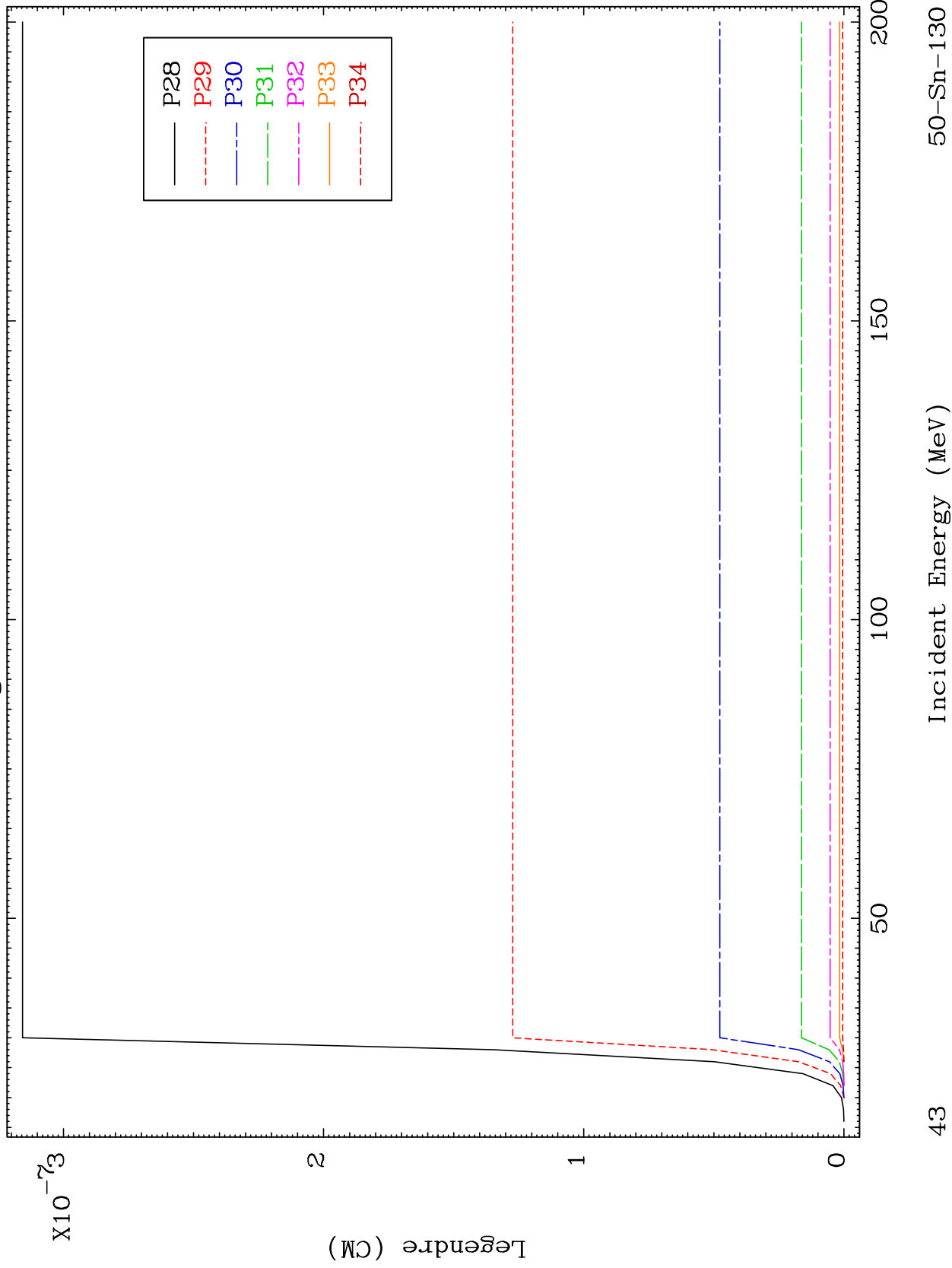


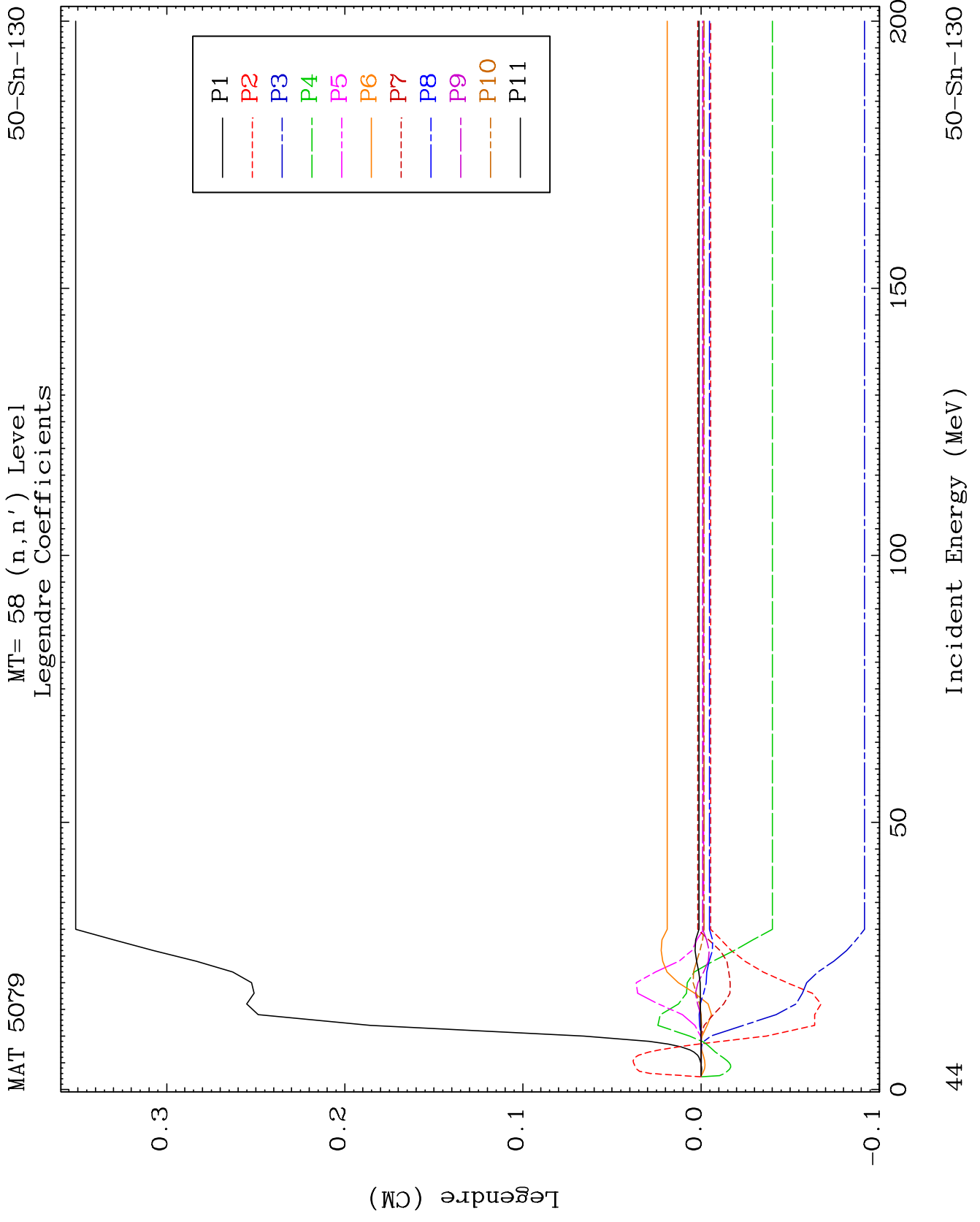


MAT 5079

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

50-Sn-130

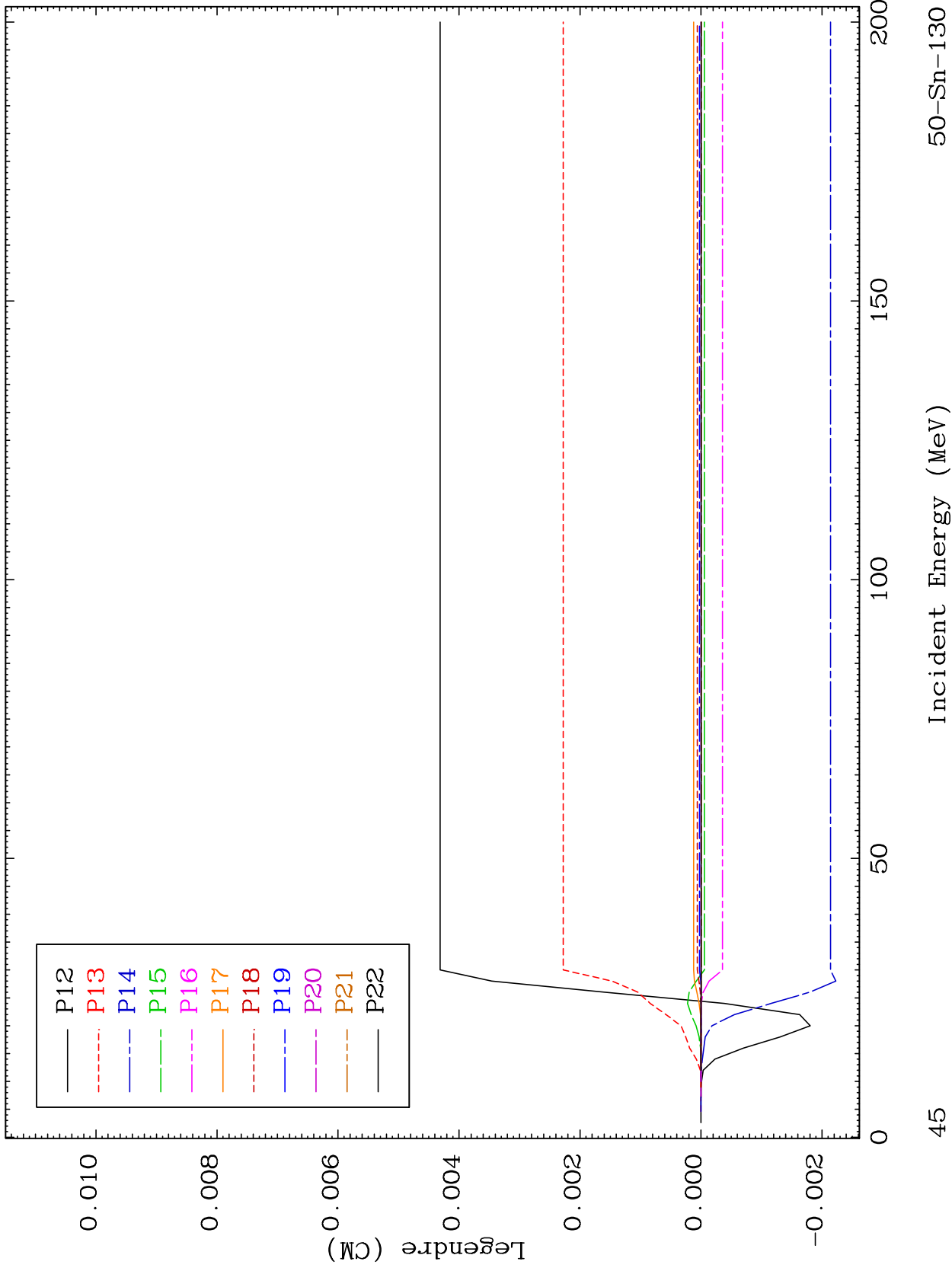




MAT 5079

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

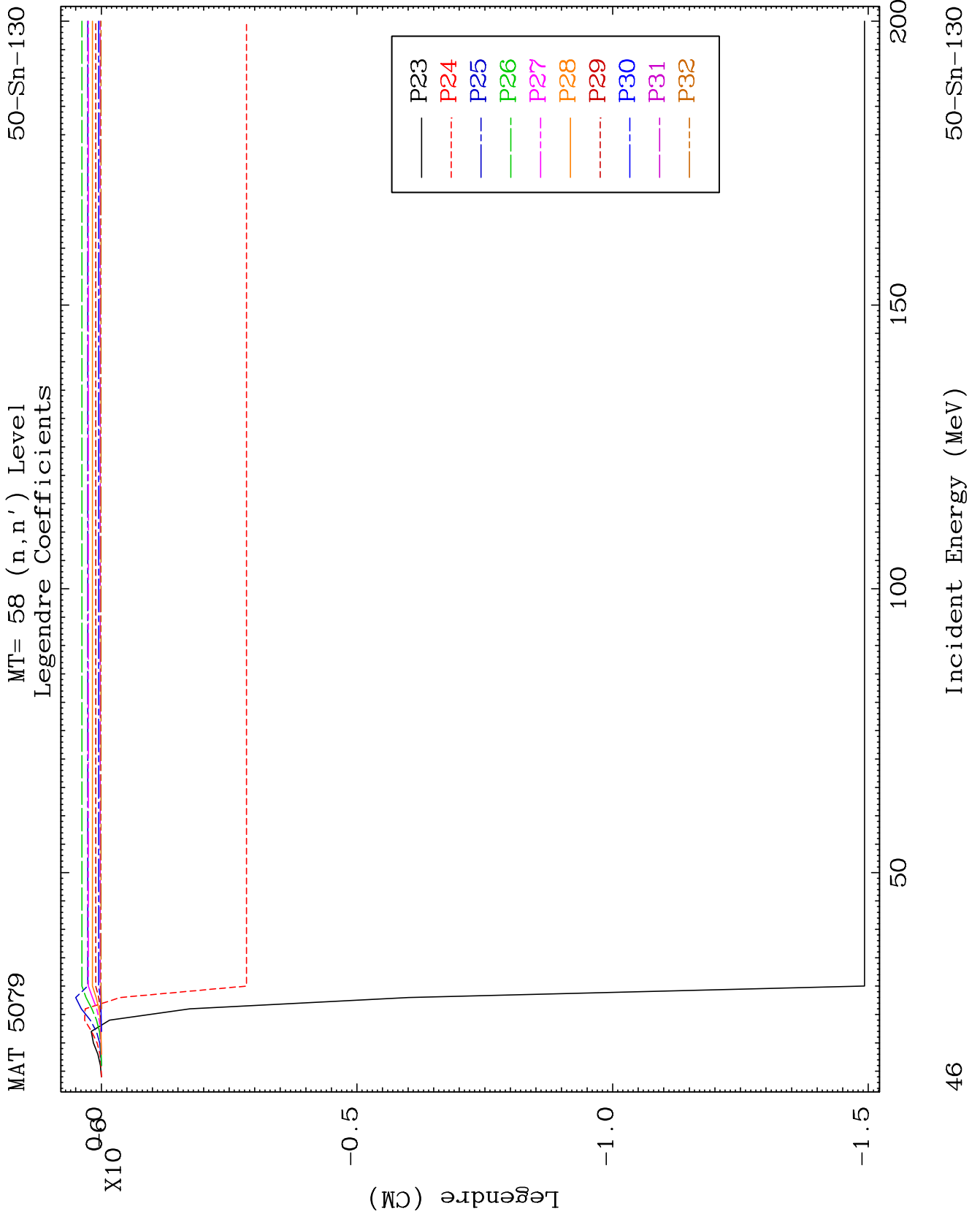
50-Sn-130



50-Sn-130

Incident Energy (MeV)

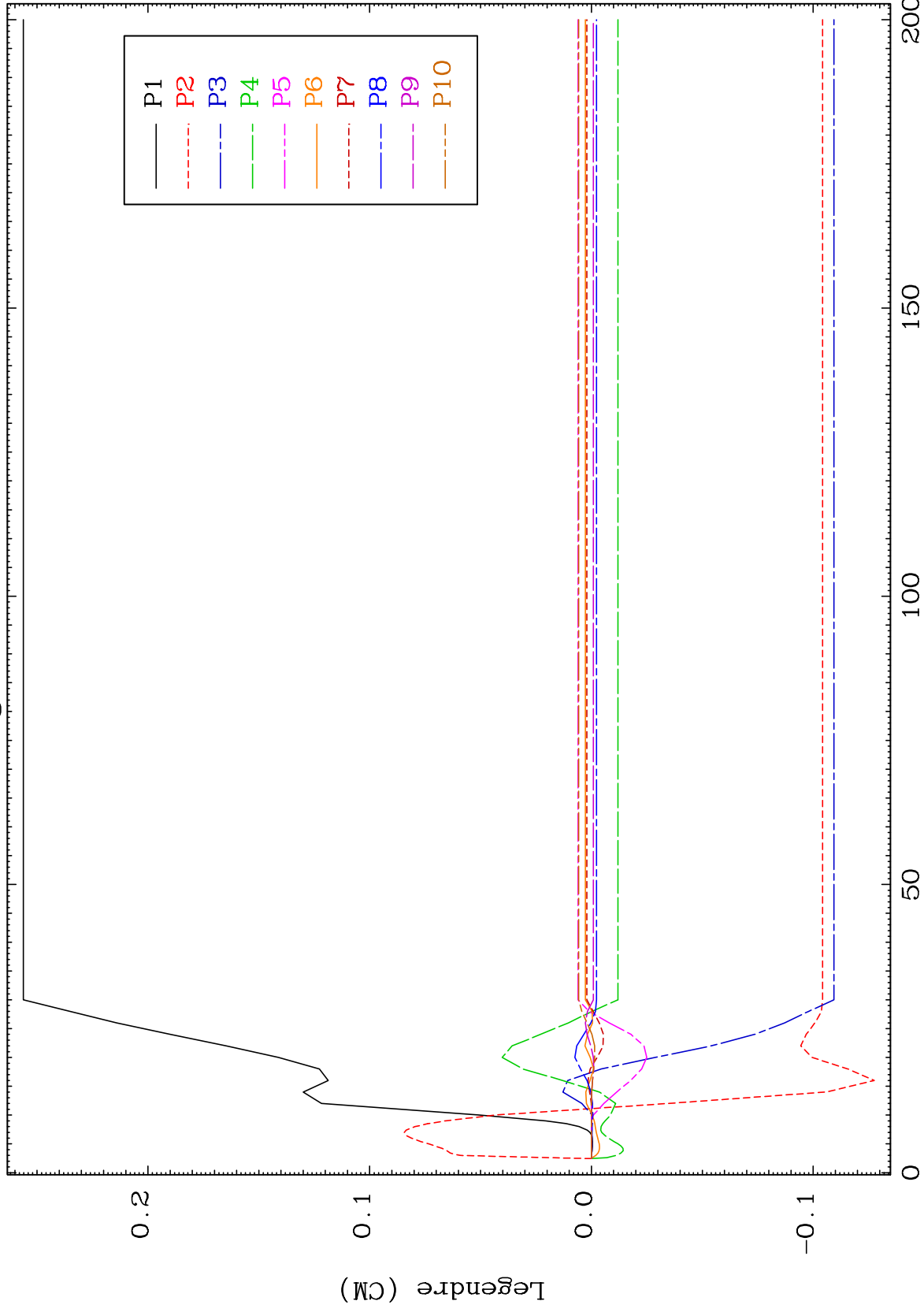
45



MAT 5079

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

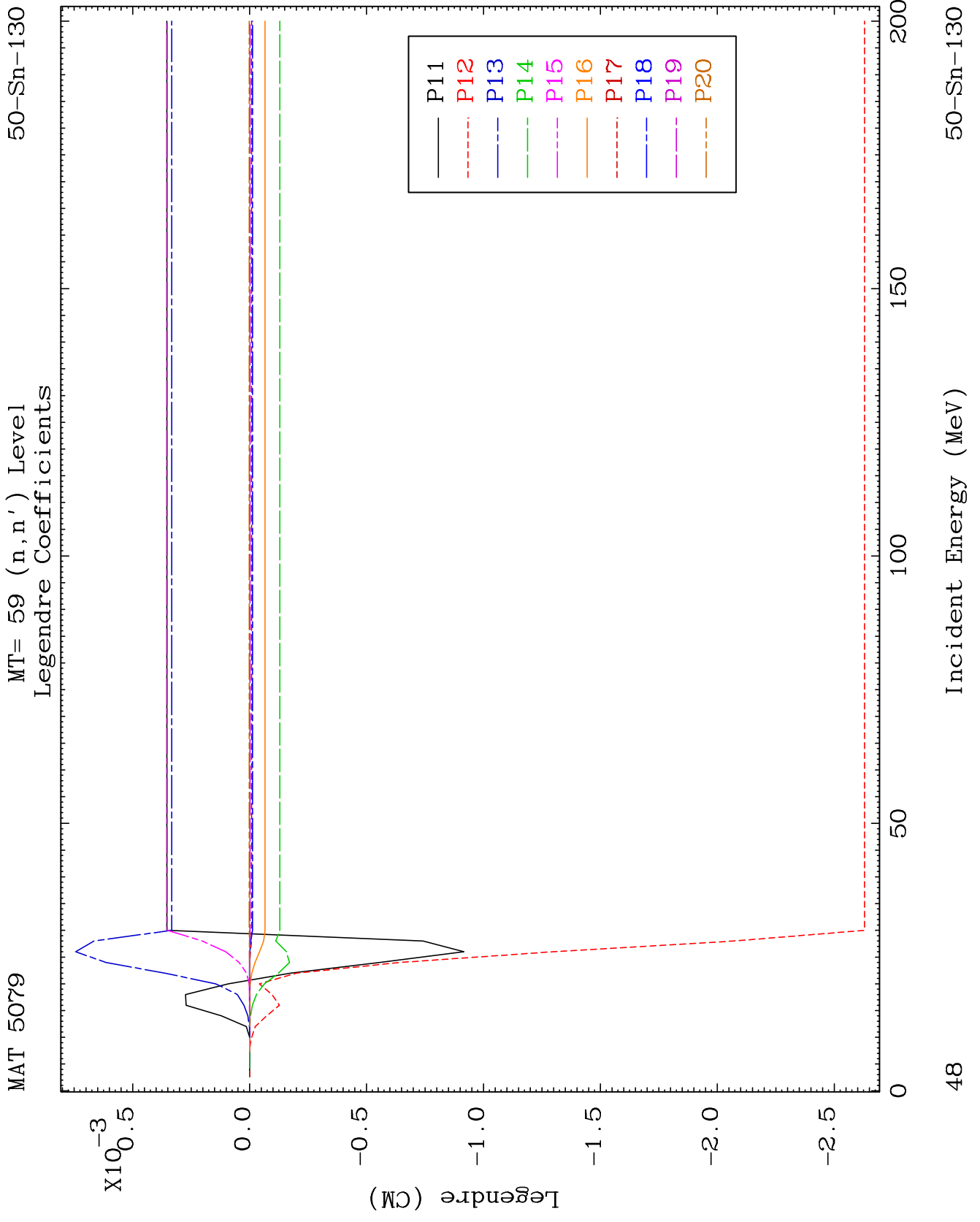
50-Sn-130



47

Incident Energy (MeV)

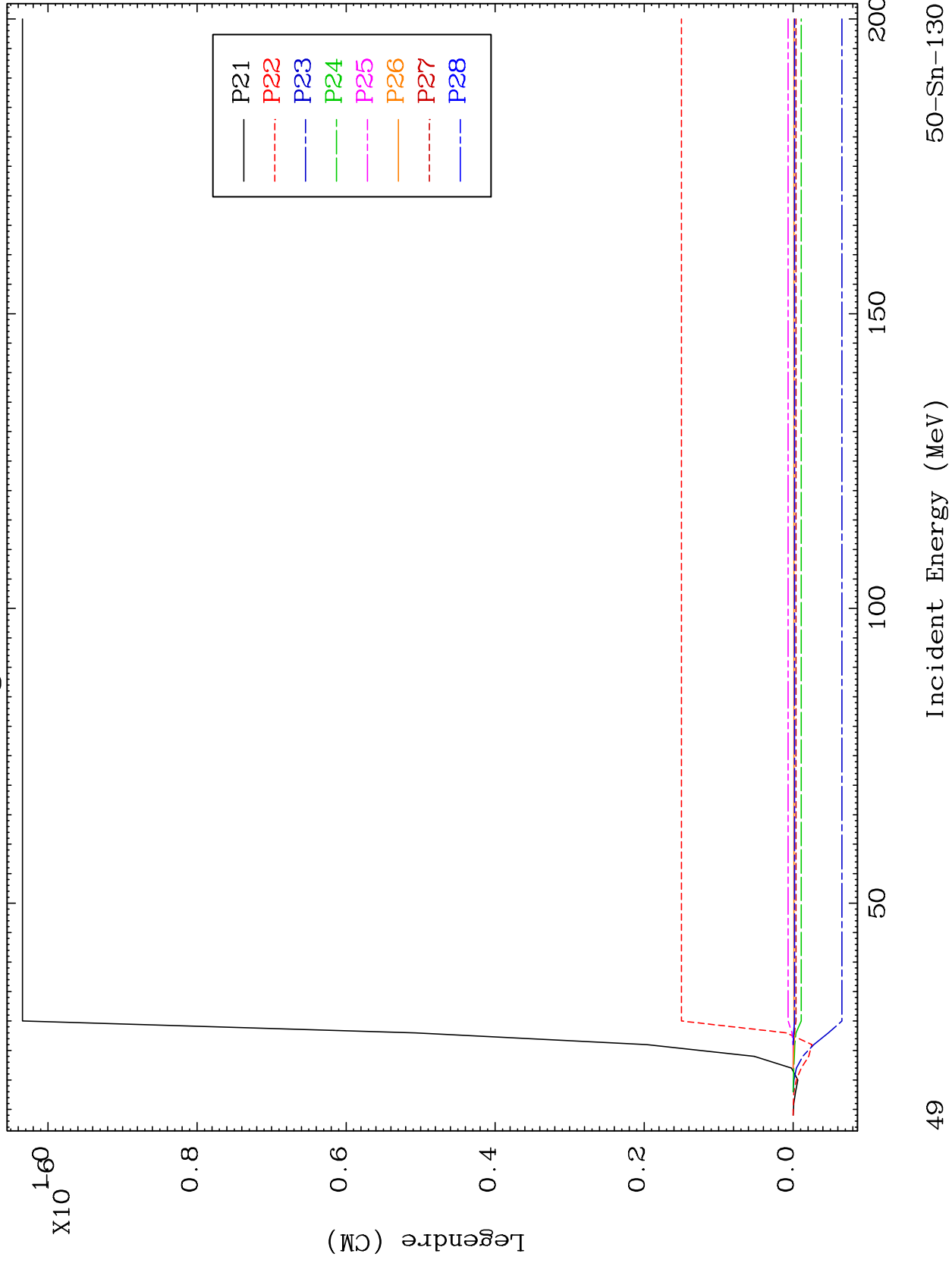
50-Sn-130



MAT 5079

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

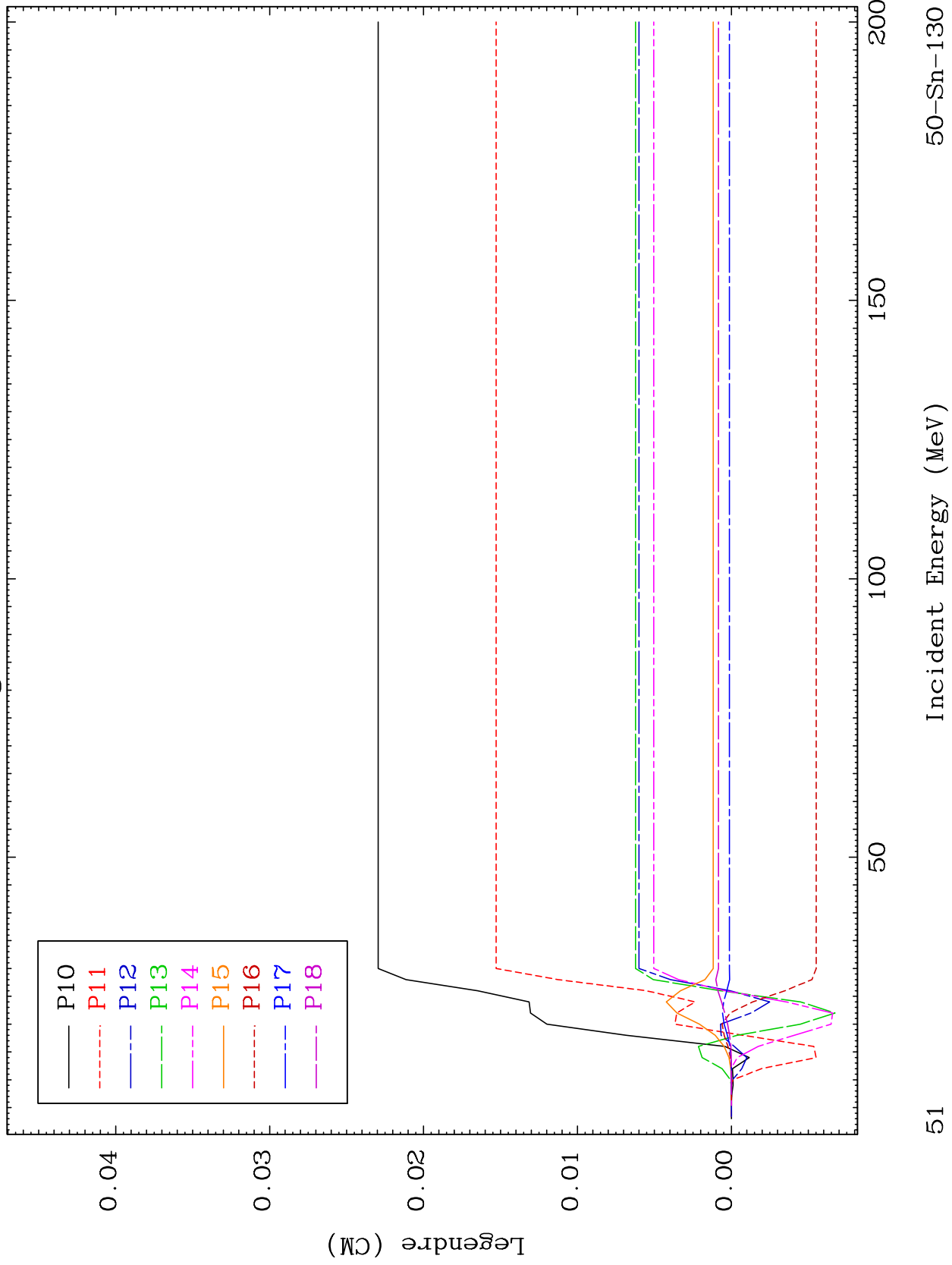
50-Sn-130

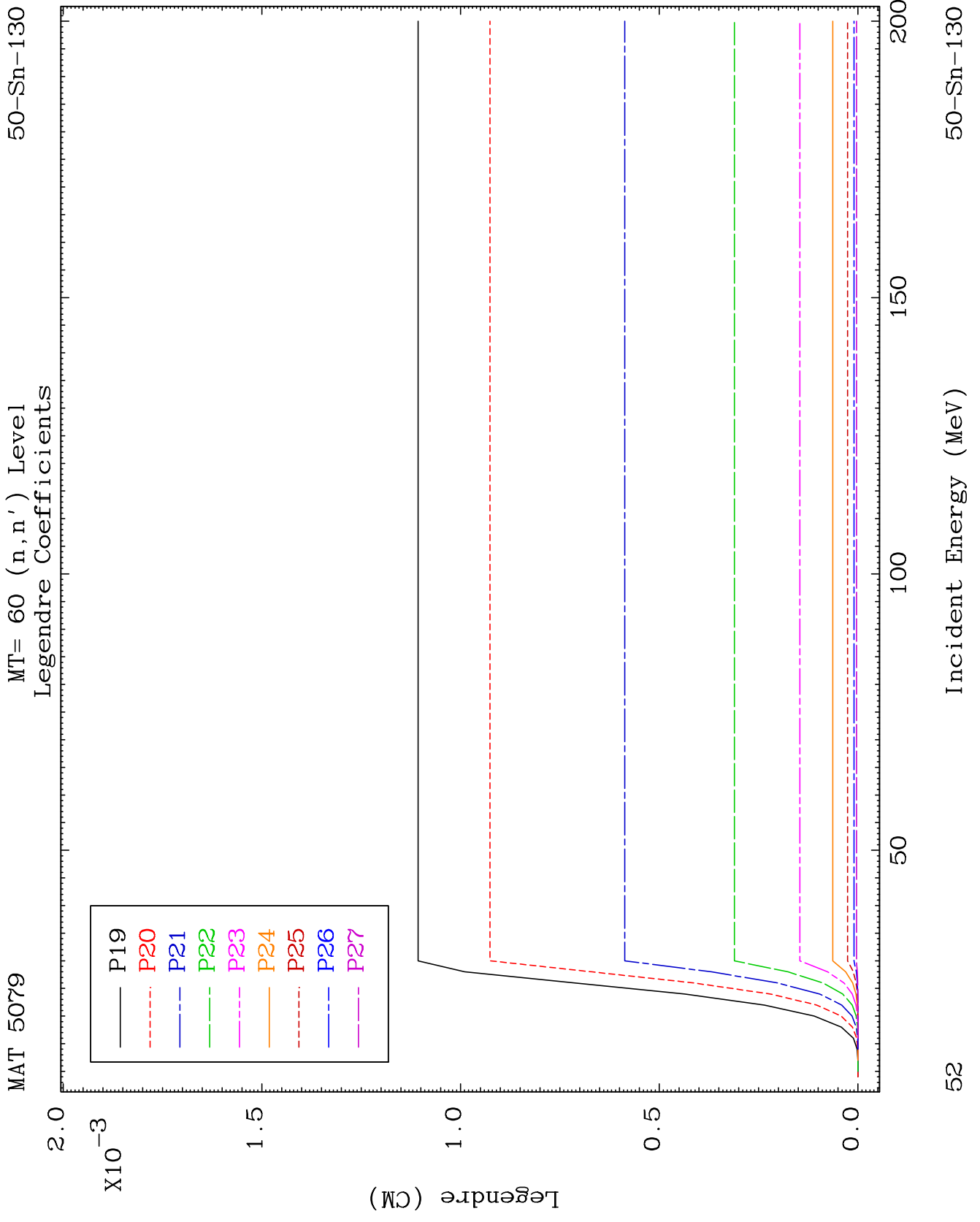


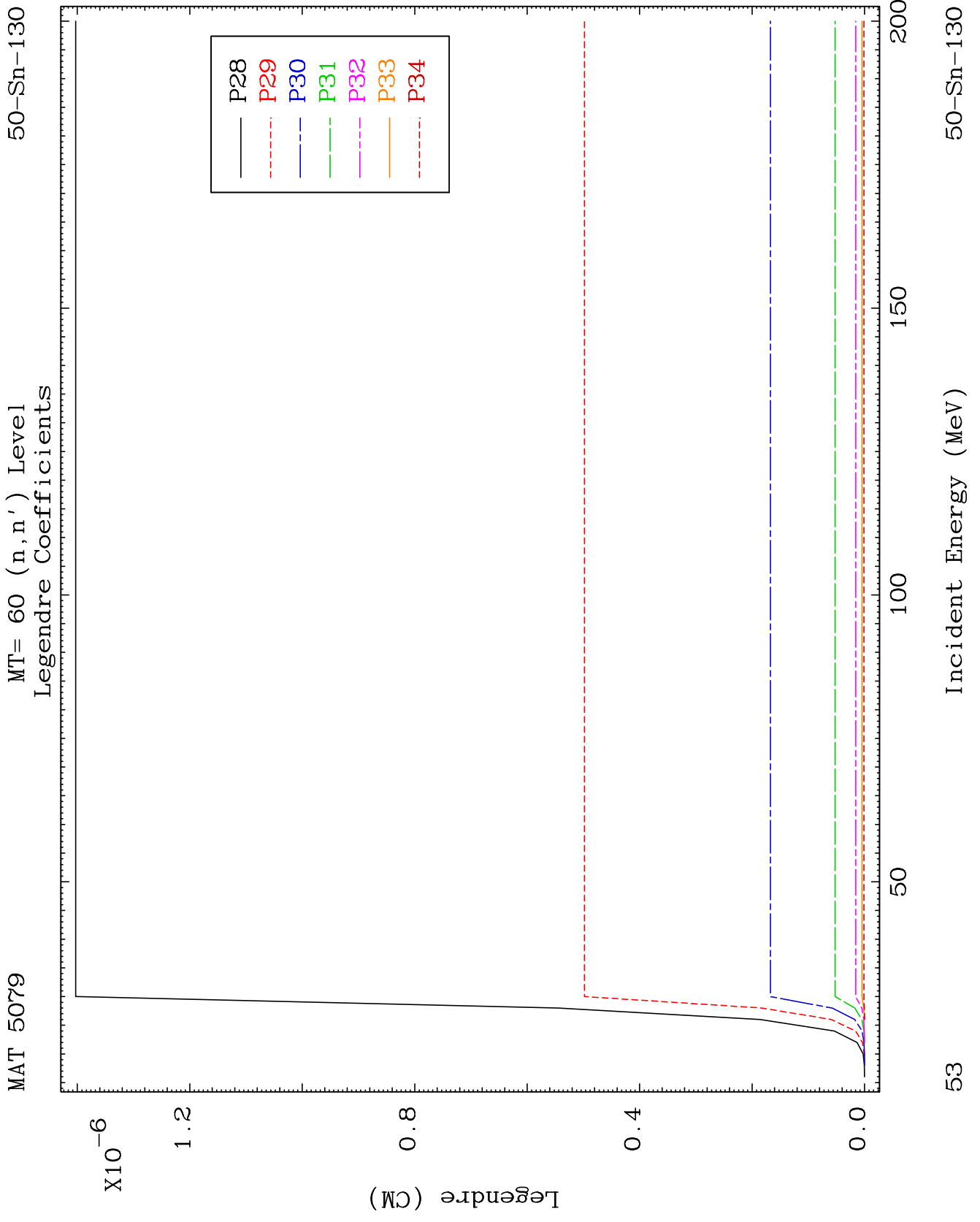
MAT 5079

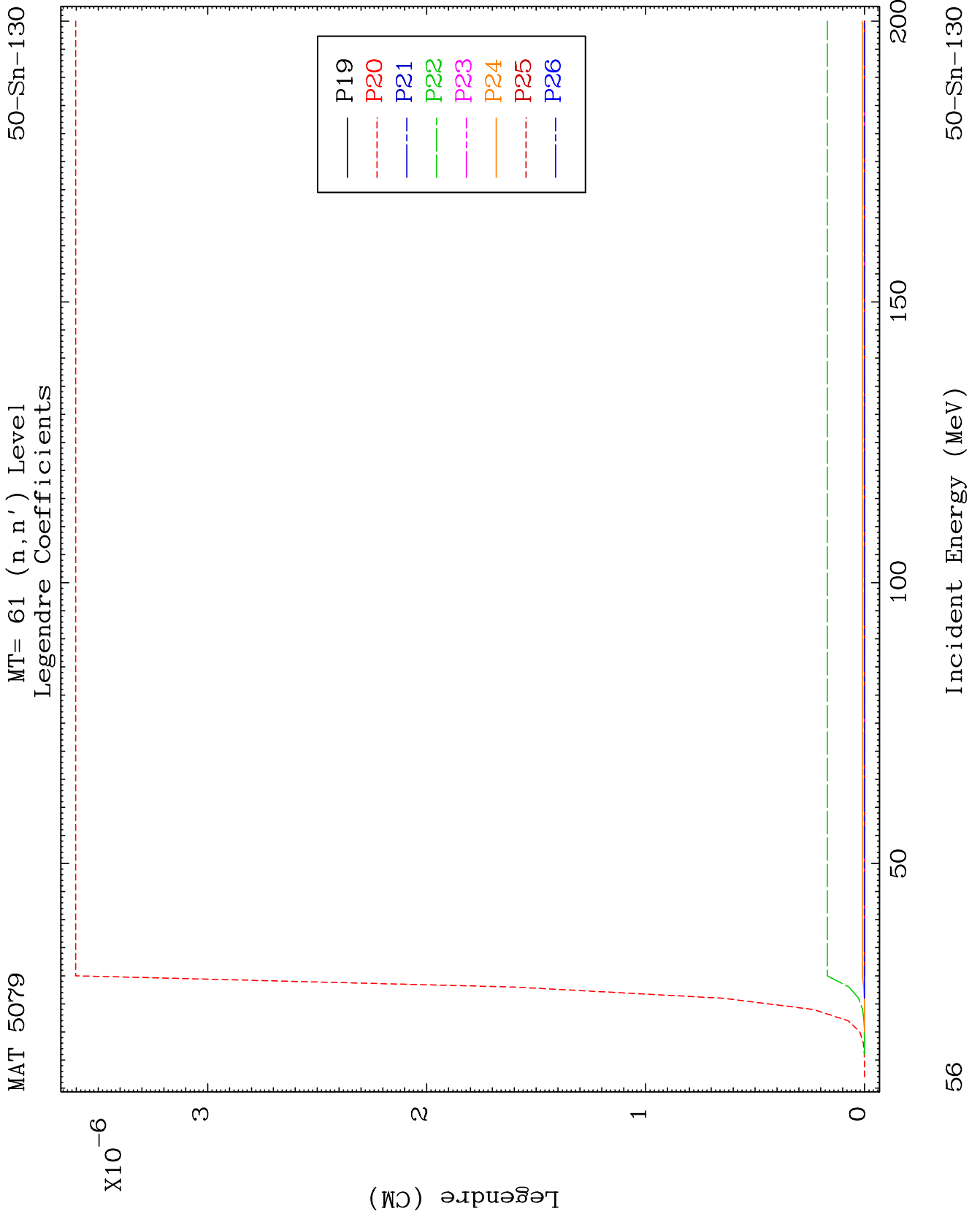
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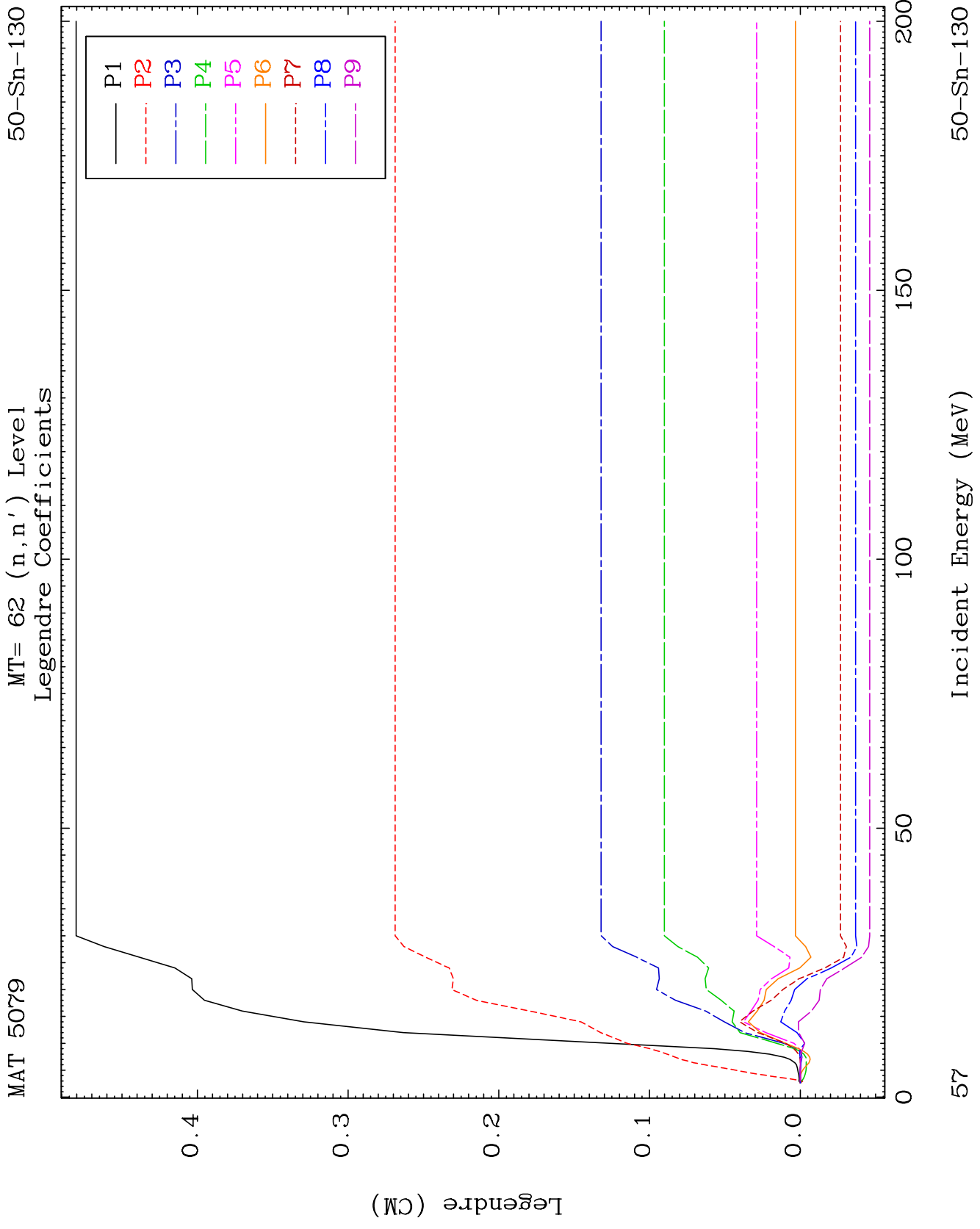
MT= 60 (n,n') Level
Legendre Coefficients

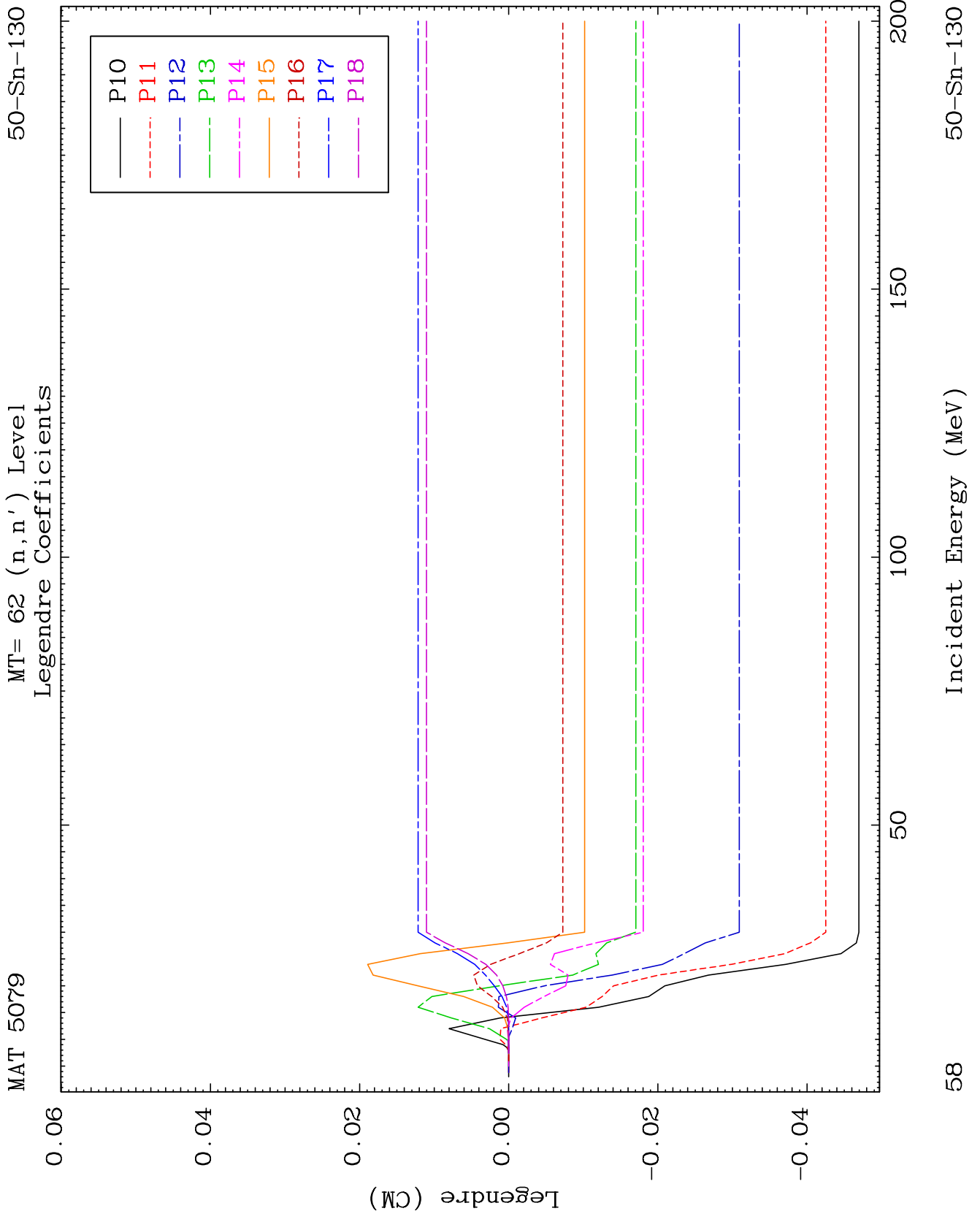


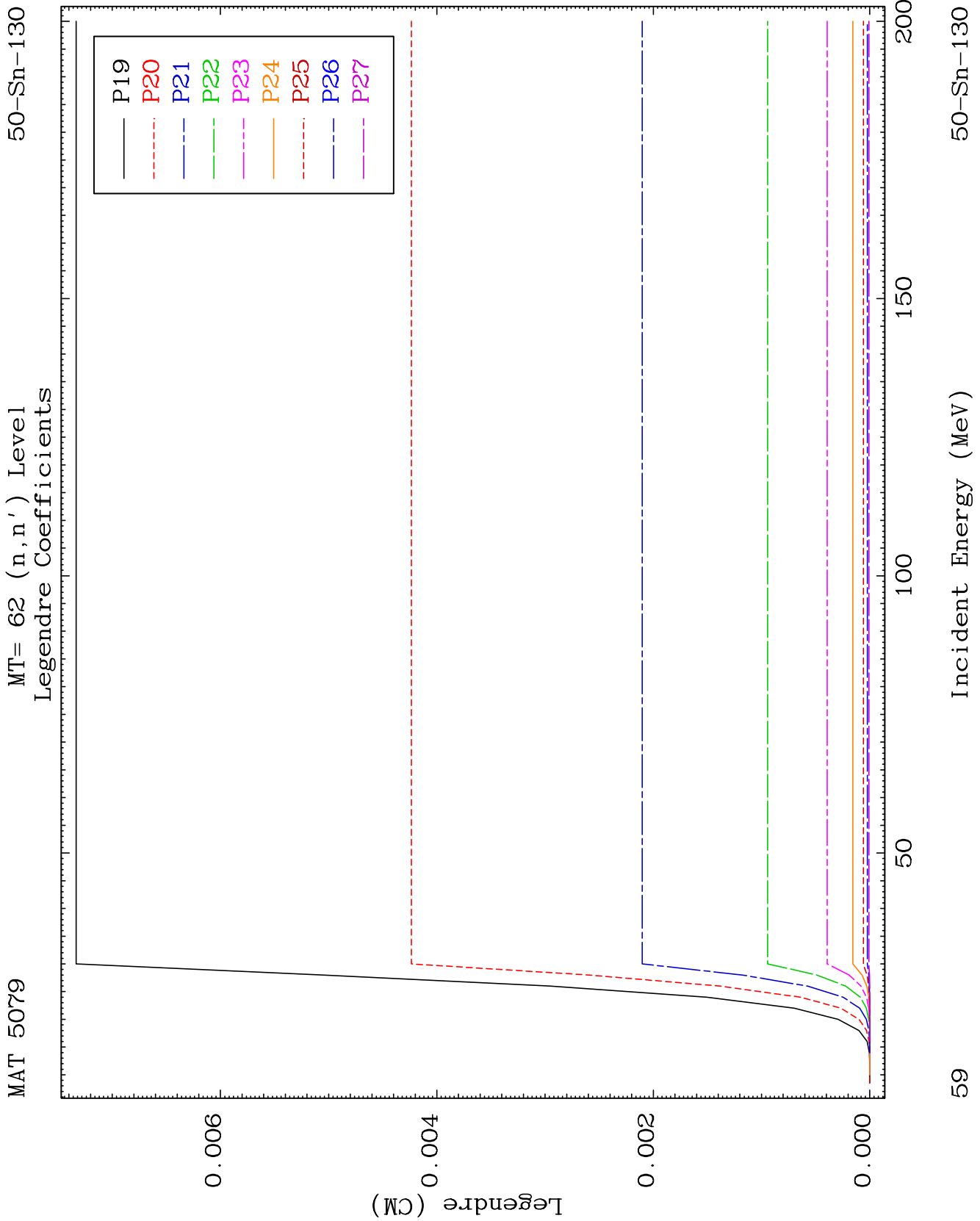


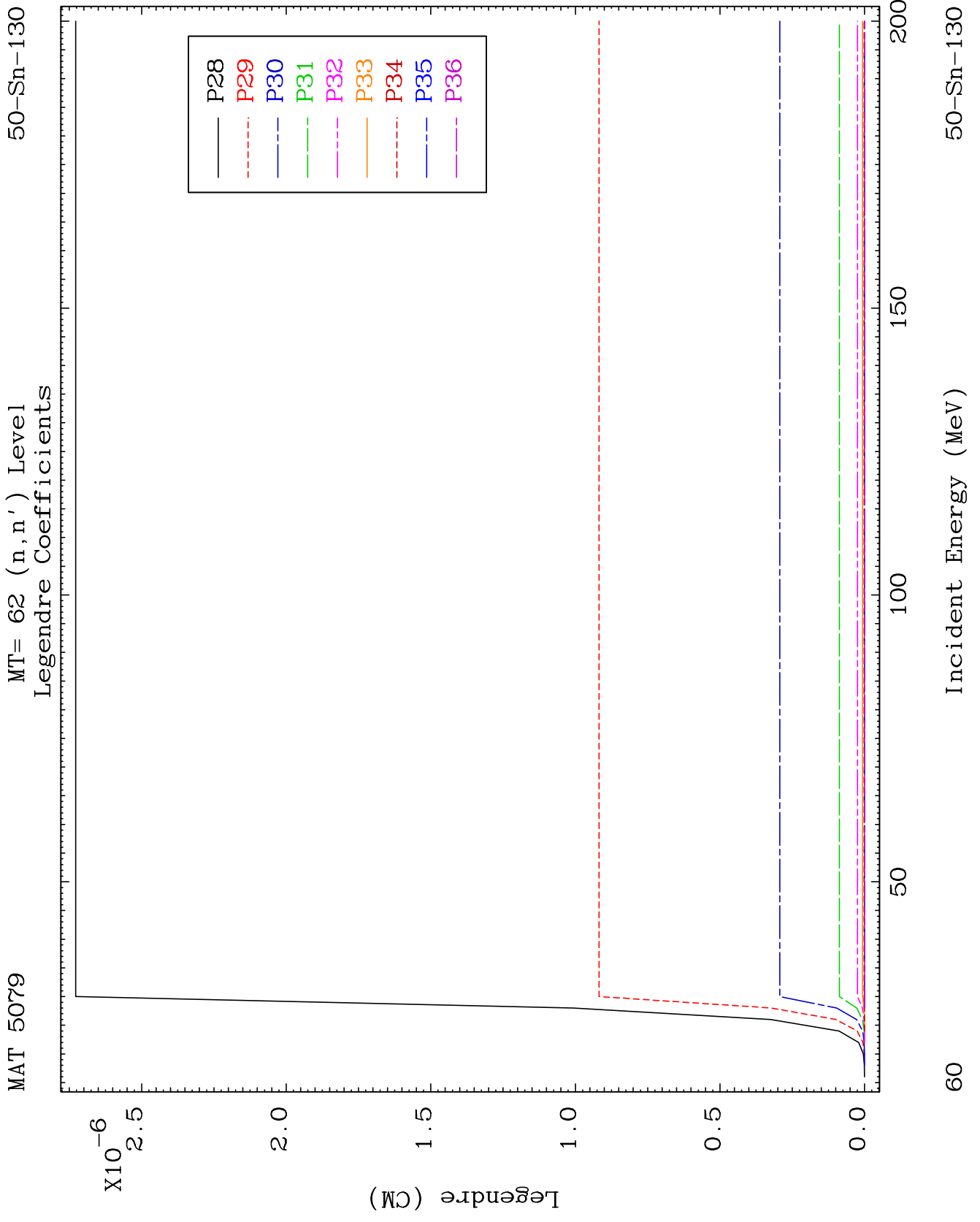








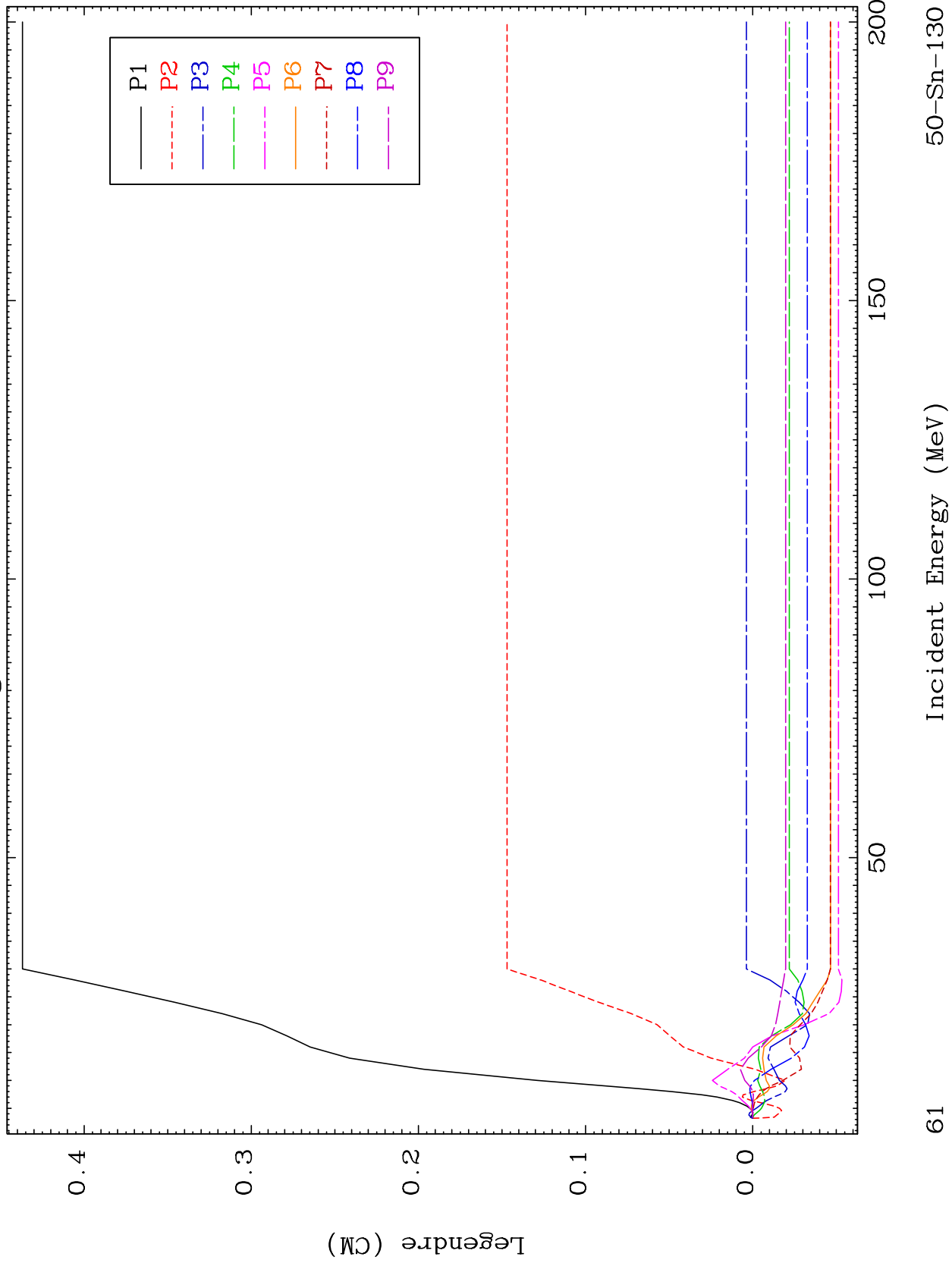




MAT 5079

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

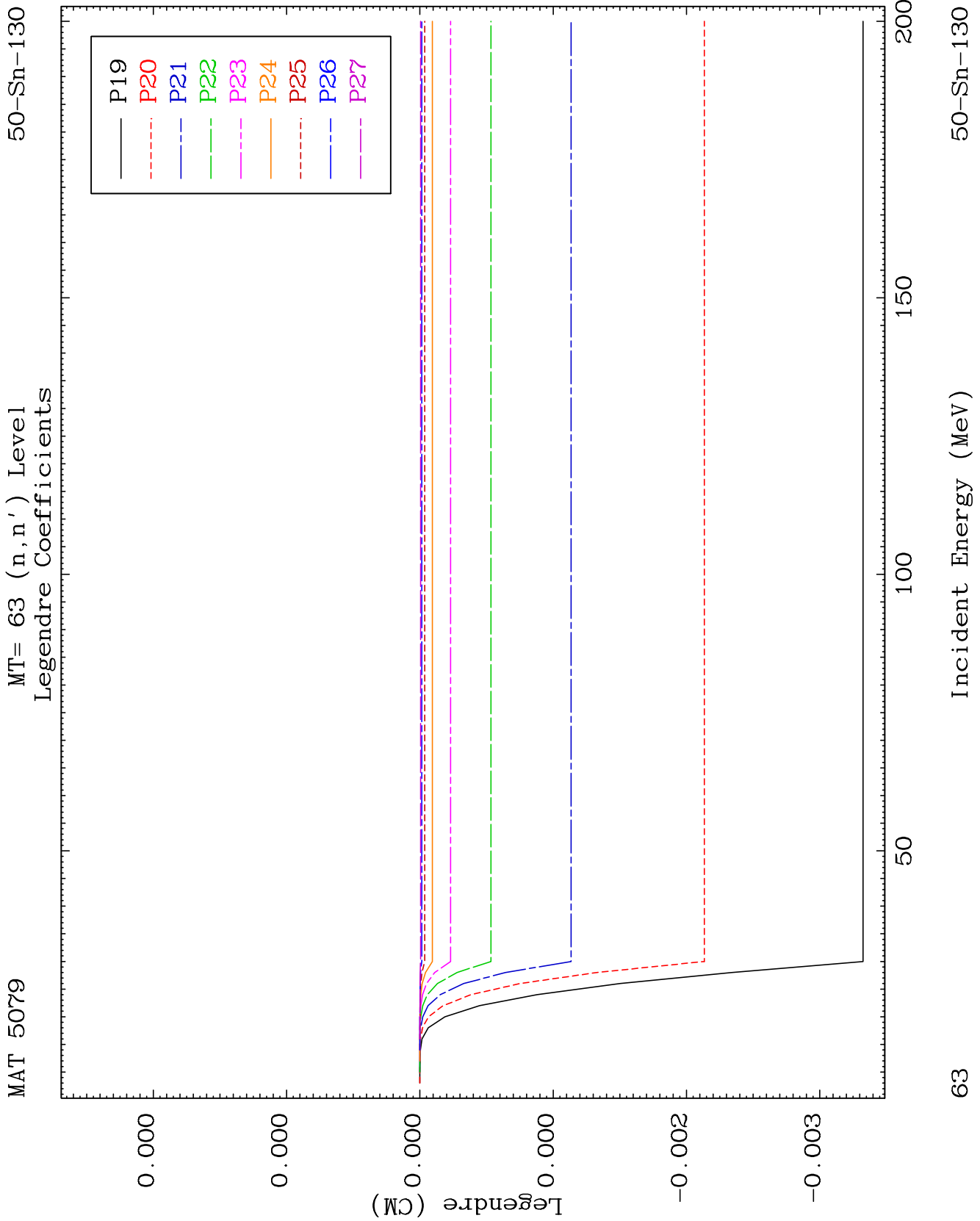
50-Sn-130

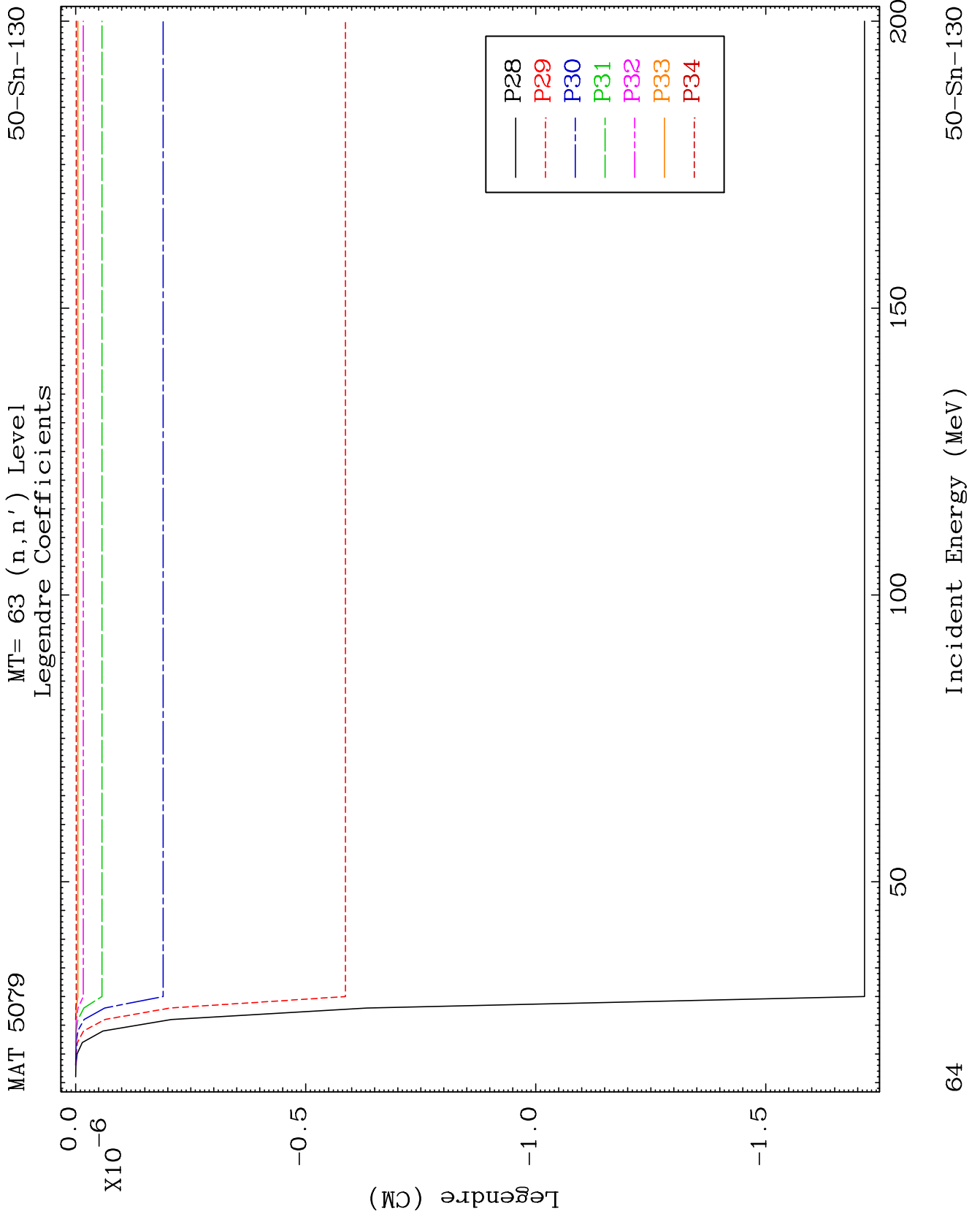


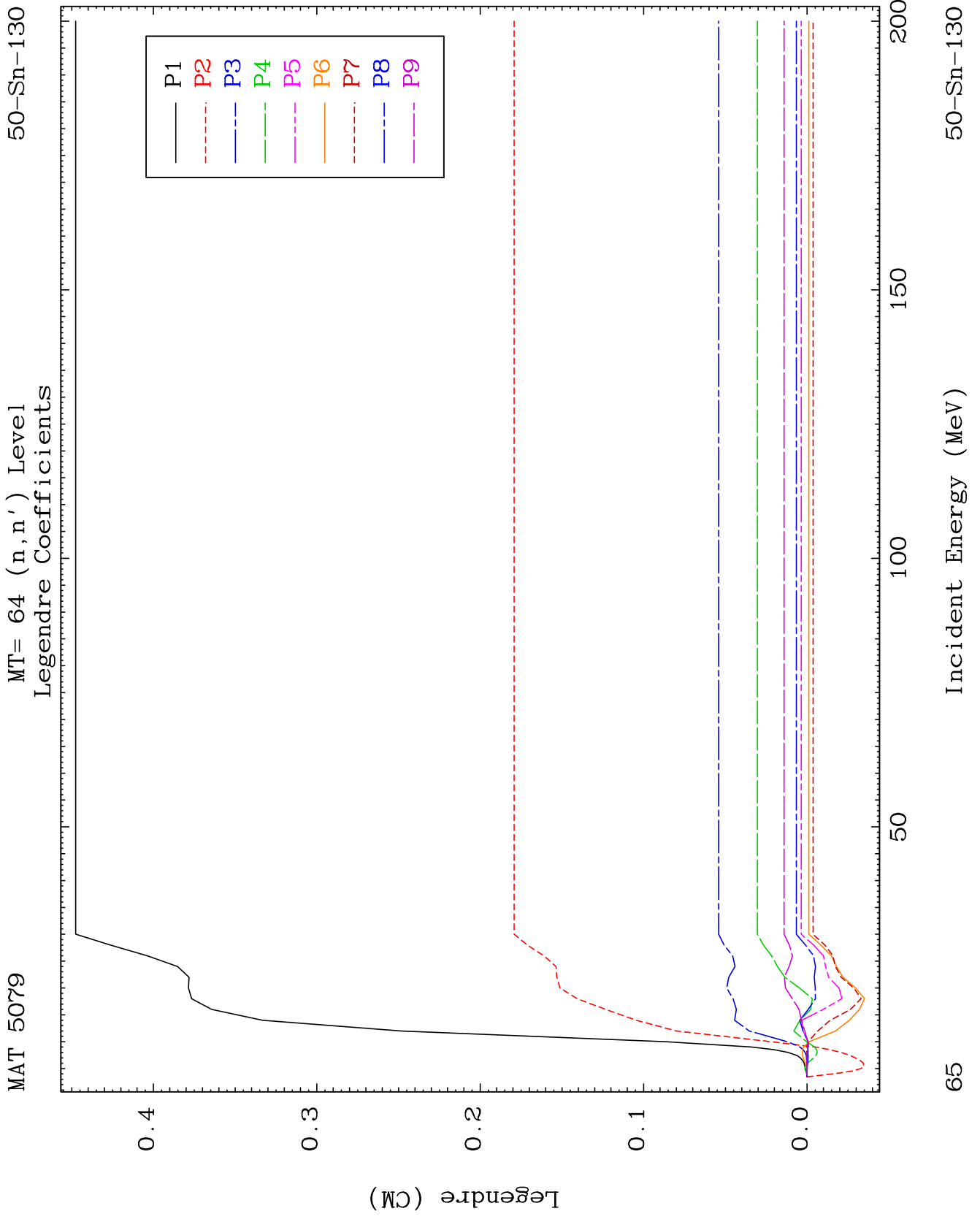
61

Incident Energy (MeV)

50-Sn-130



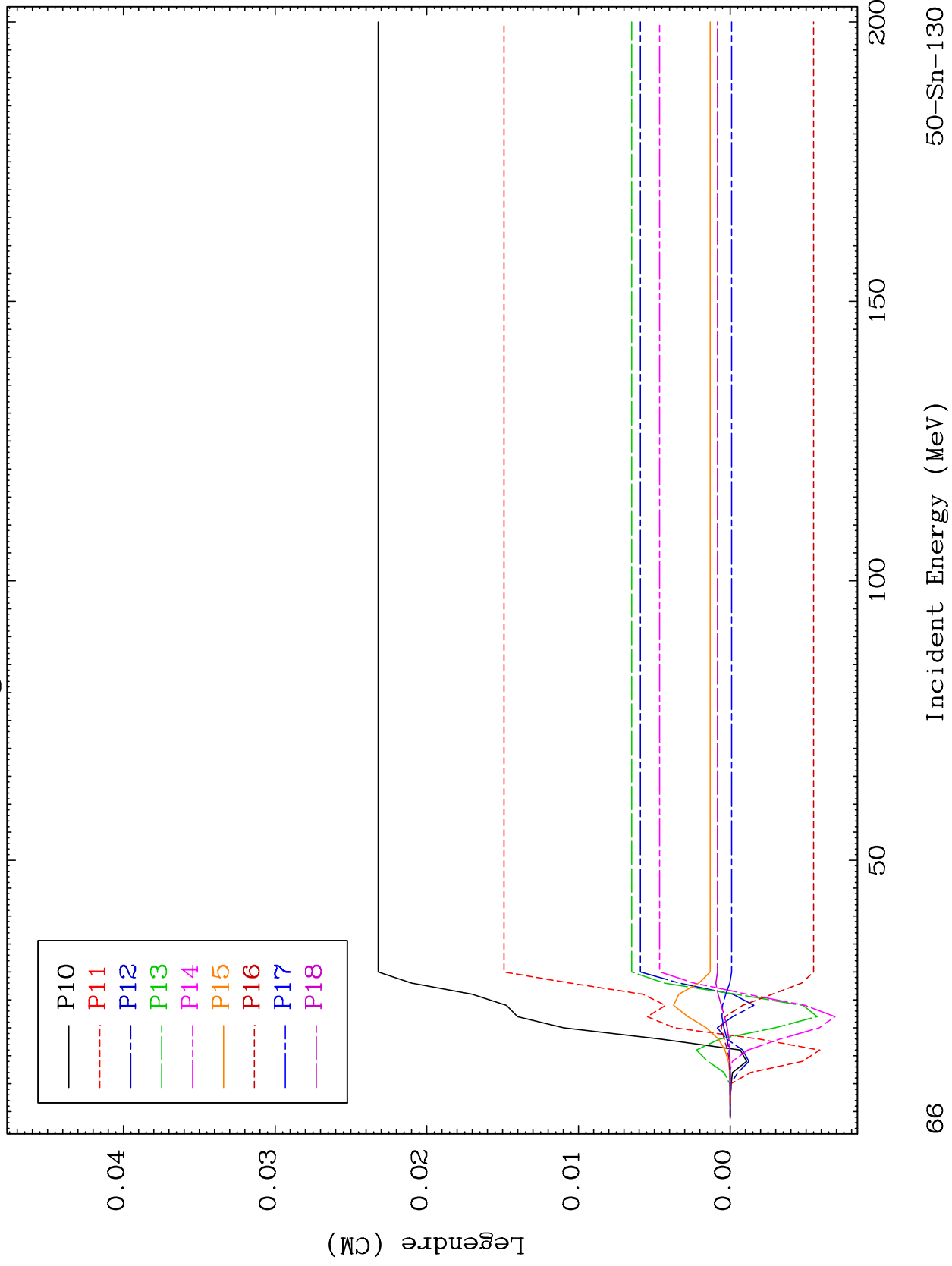




MAT 5079

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

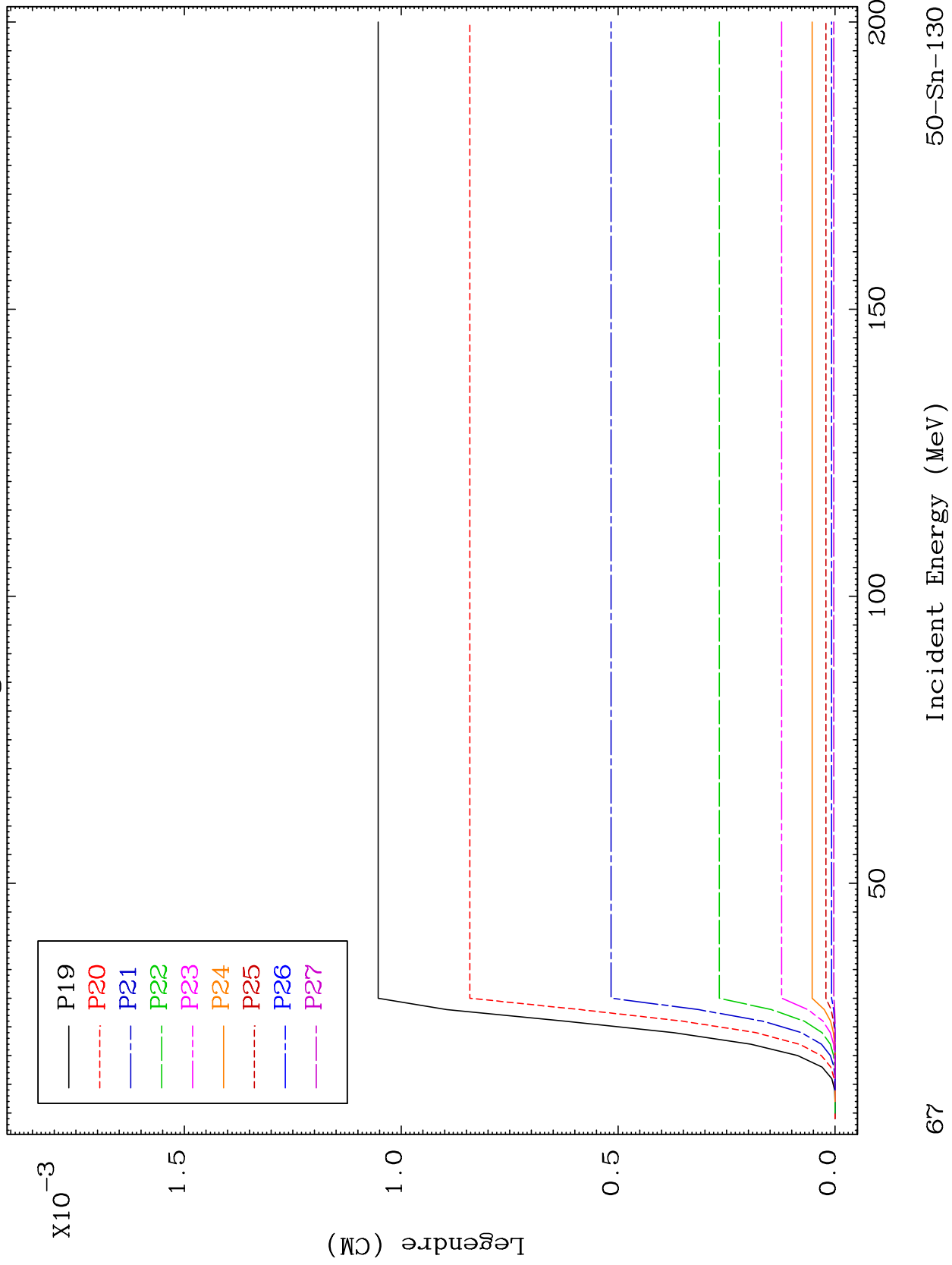
50-Sn-130

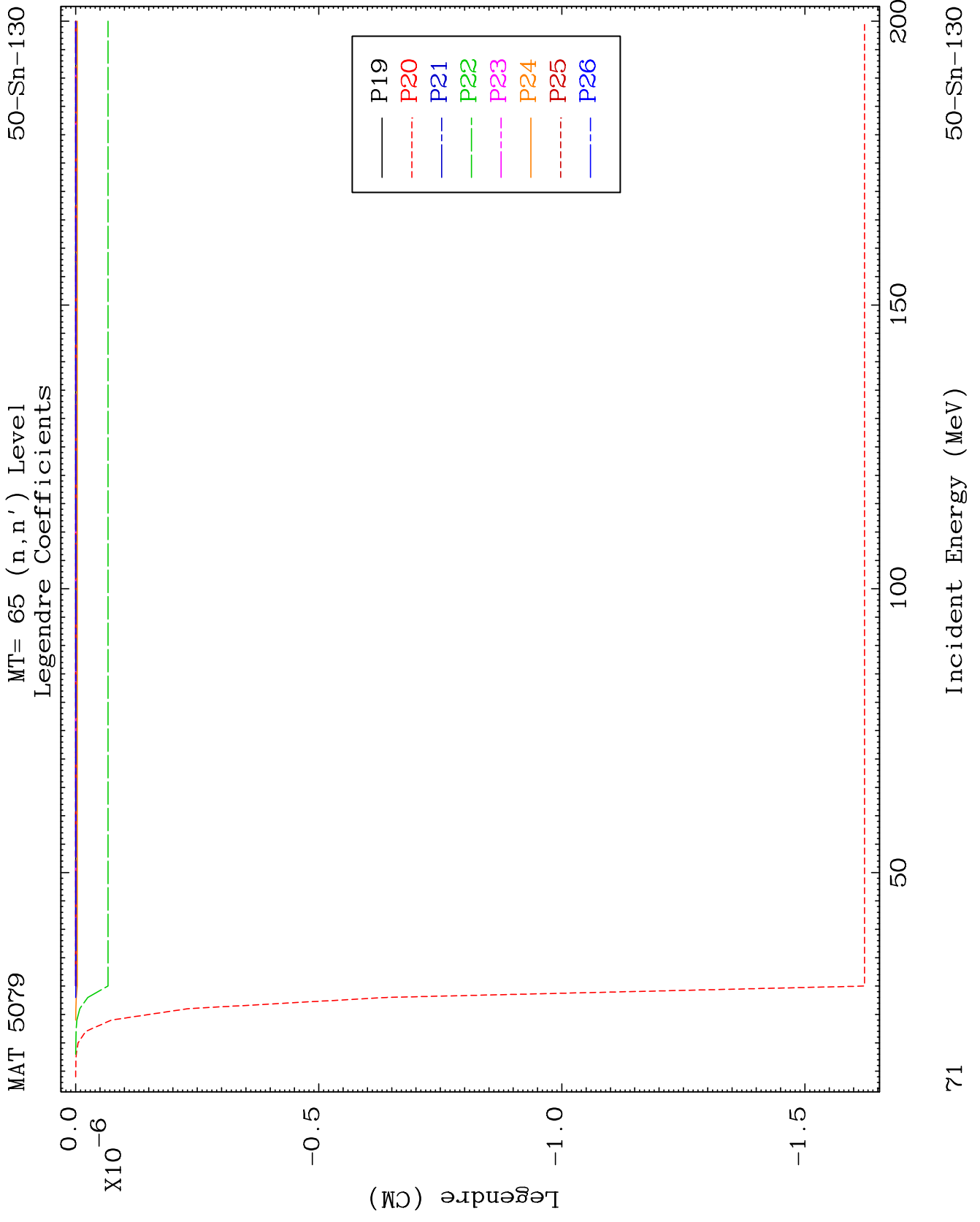


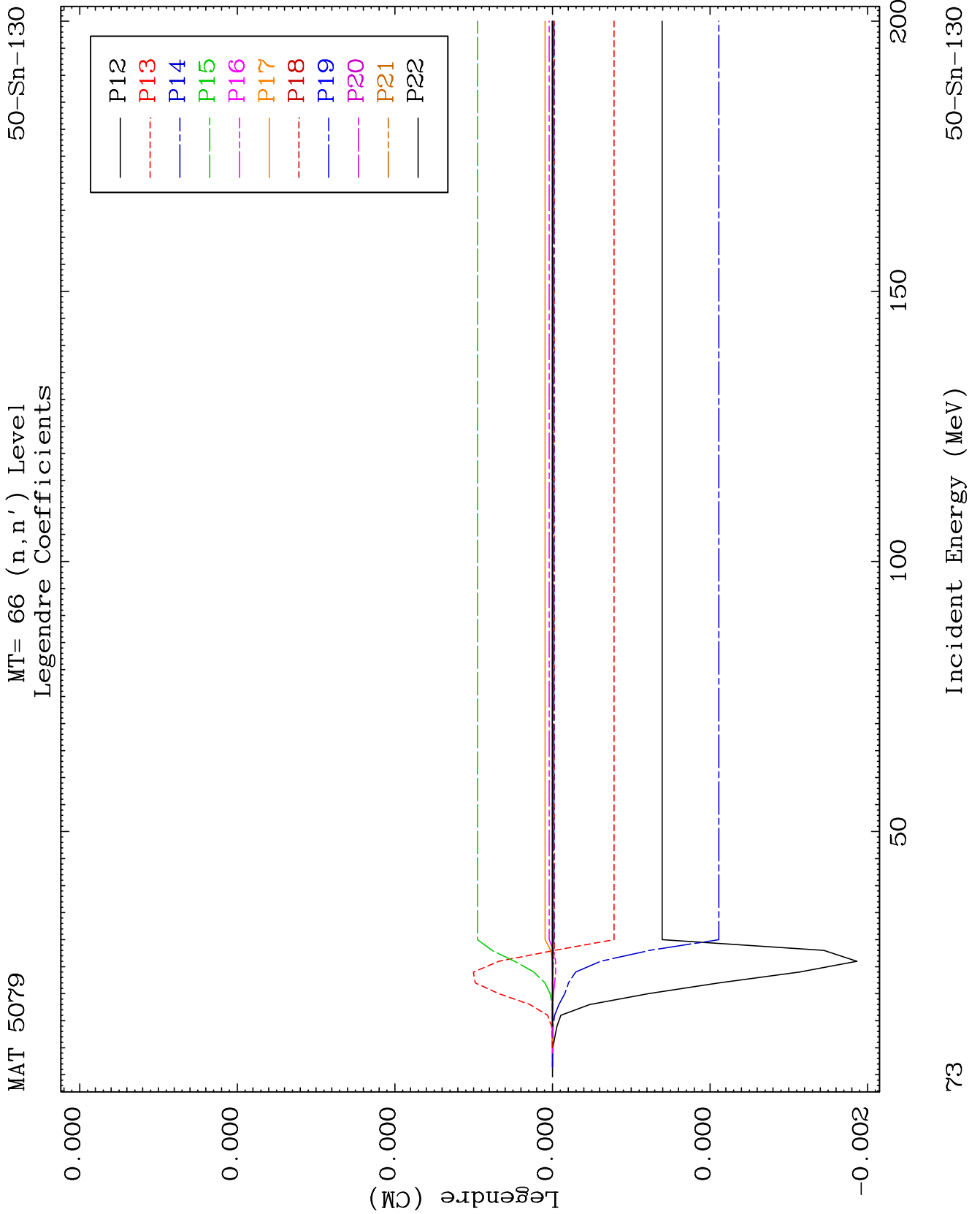
MAT 5079

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

50-Sn-130



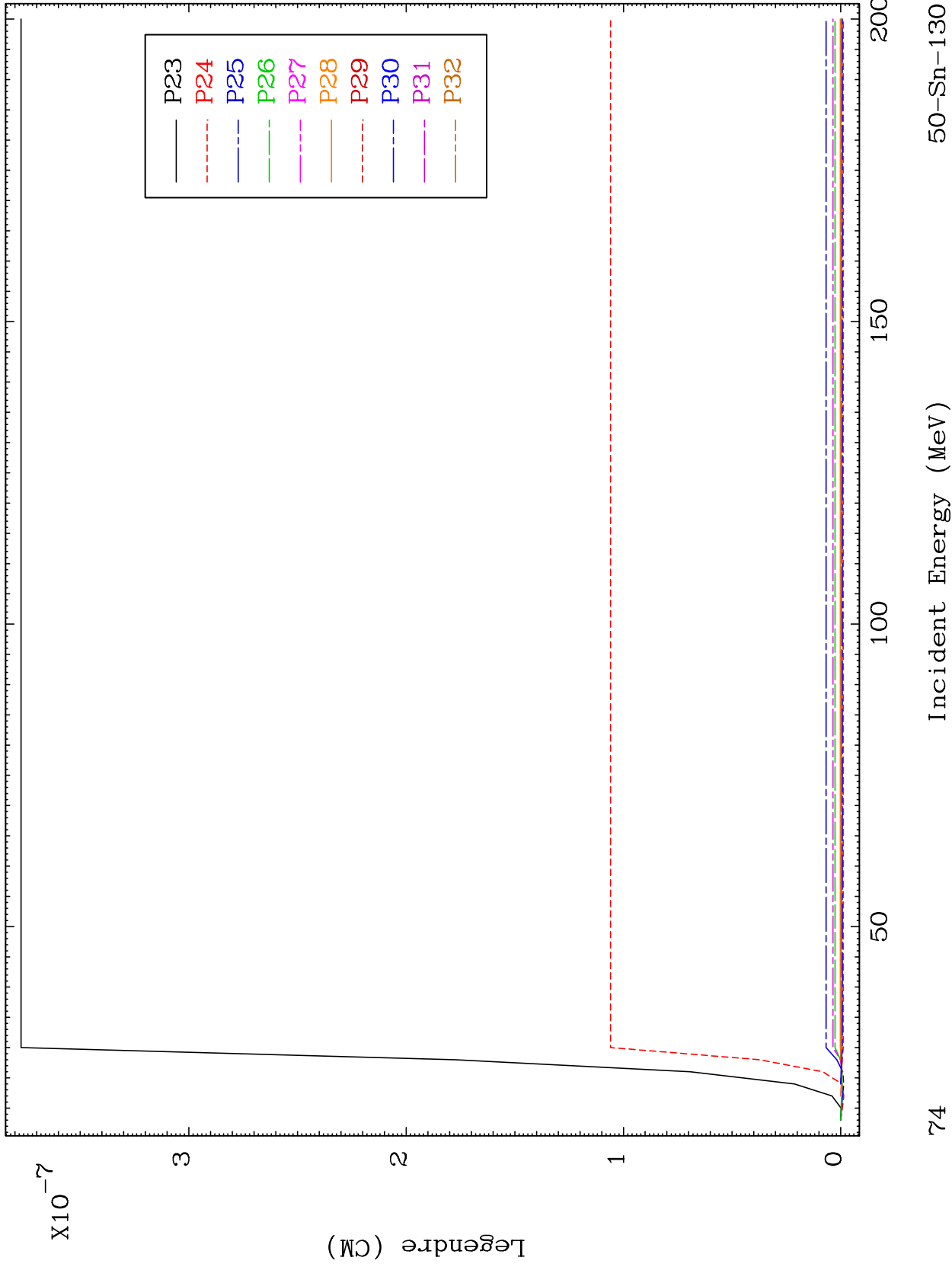




MAT 5079

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

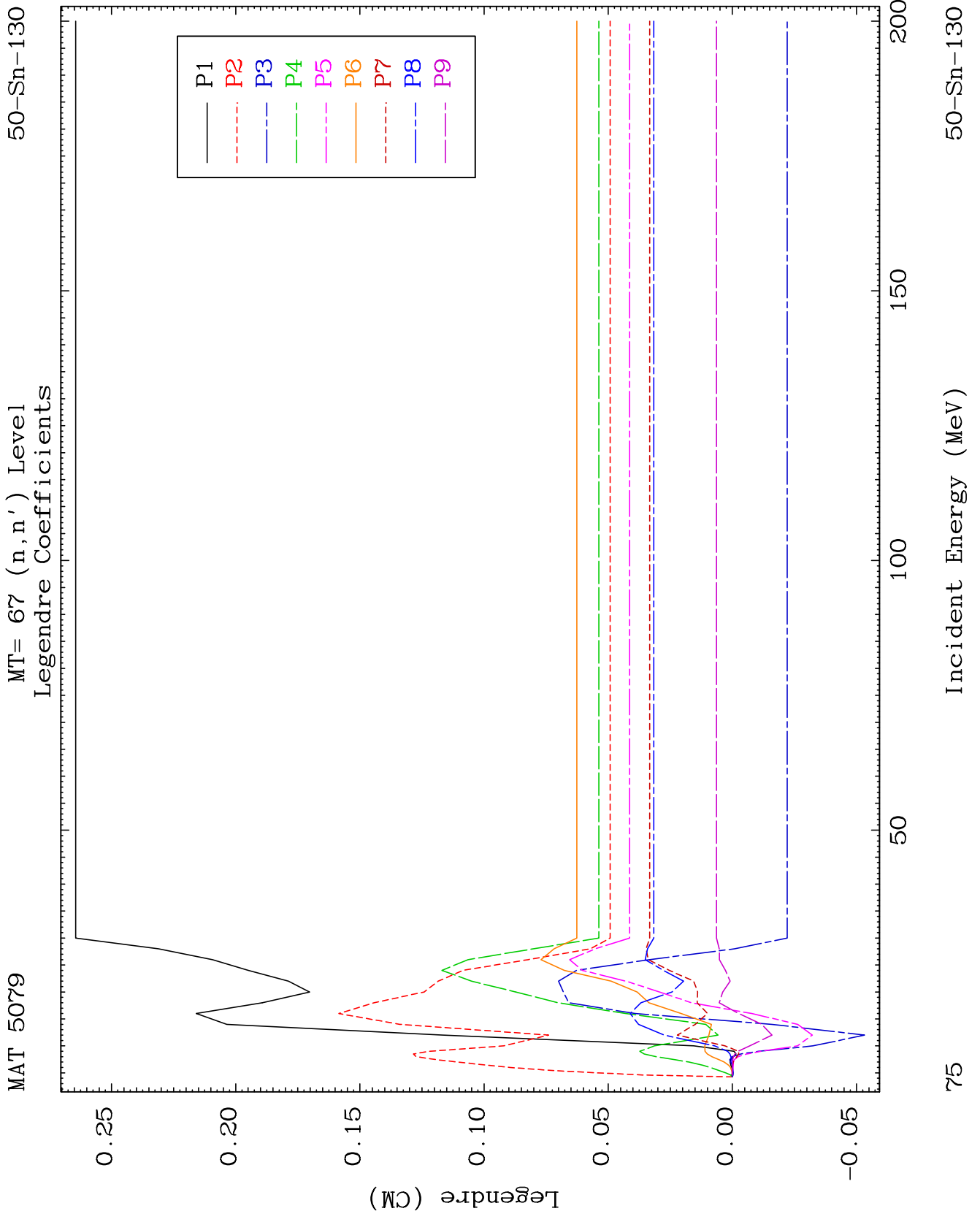
50-Sn-130



74

Incident Energy (MeV)

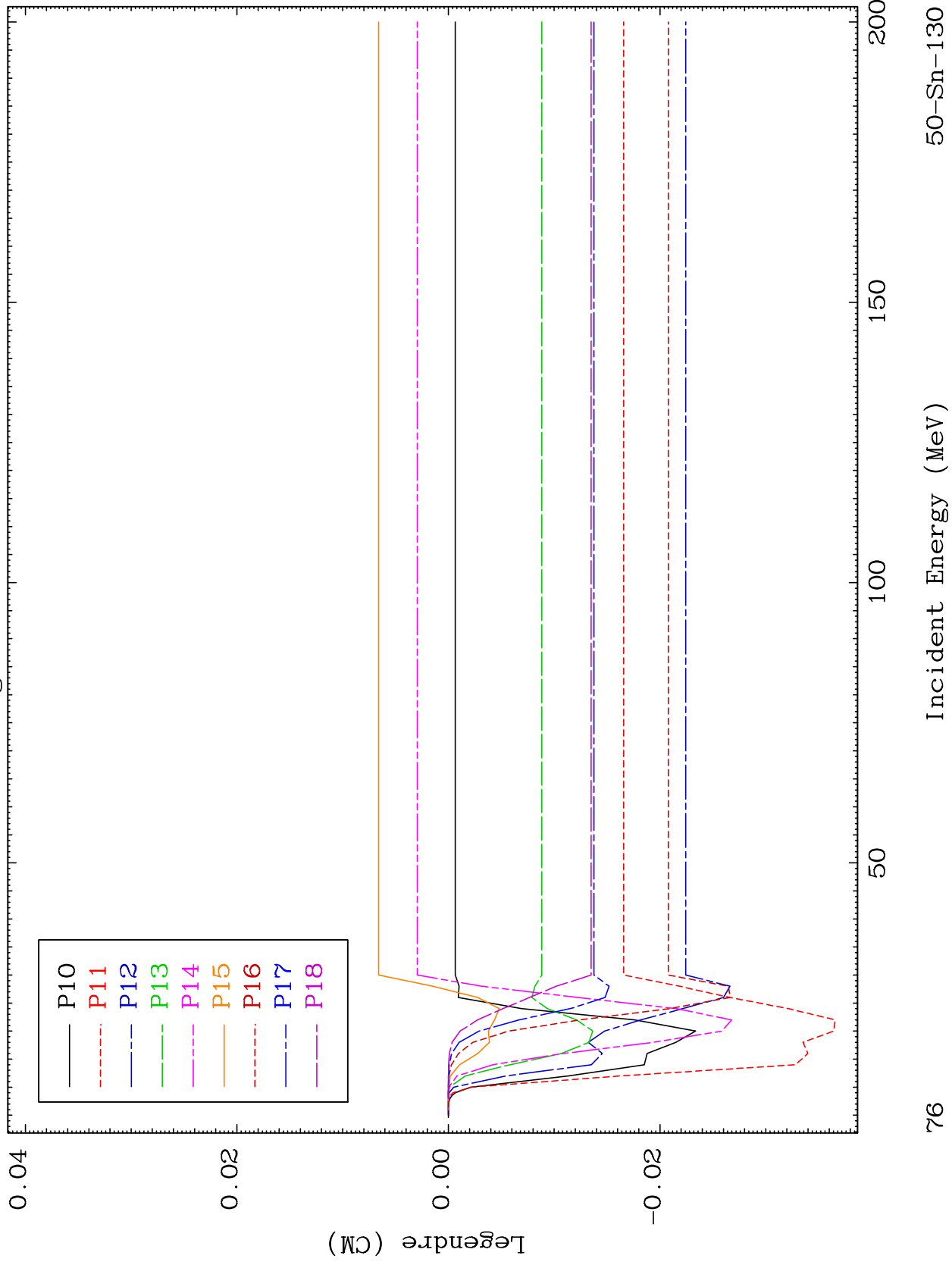
50-Sn-130



MAT 5079

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

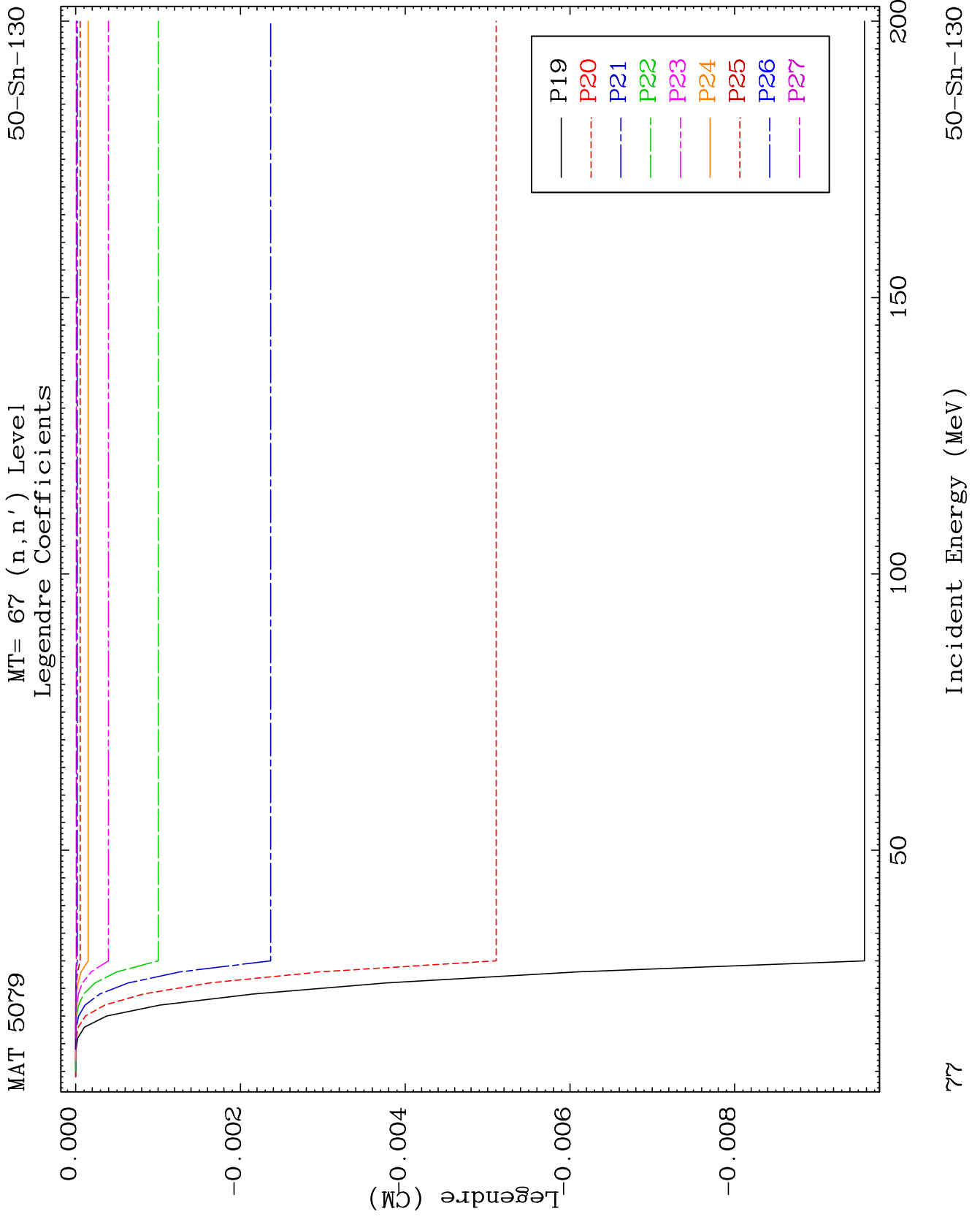
50-Sn-130

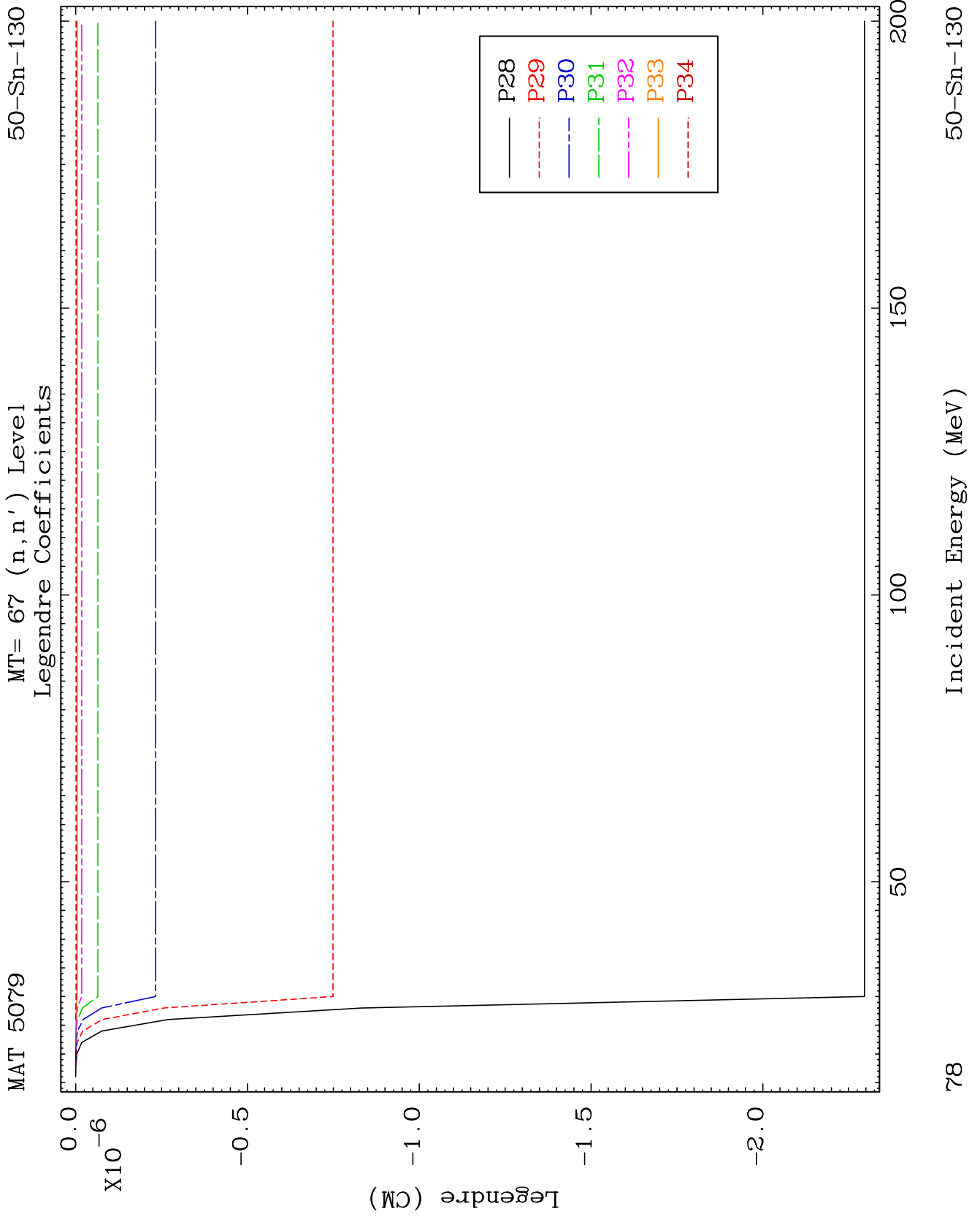


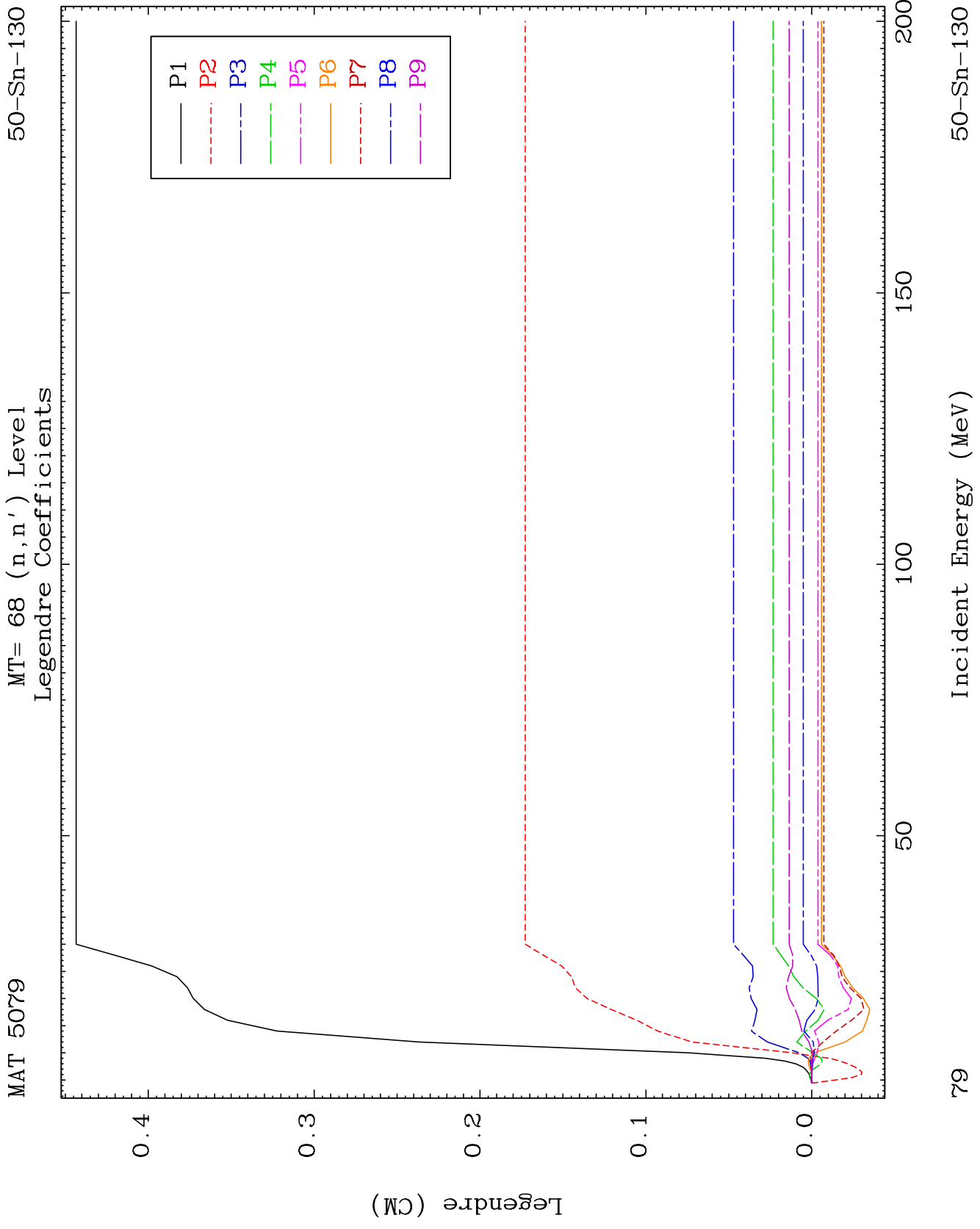
76

Incident Energy (MeV)

50-Sn-130



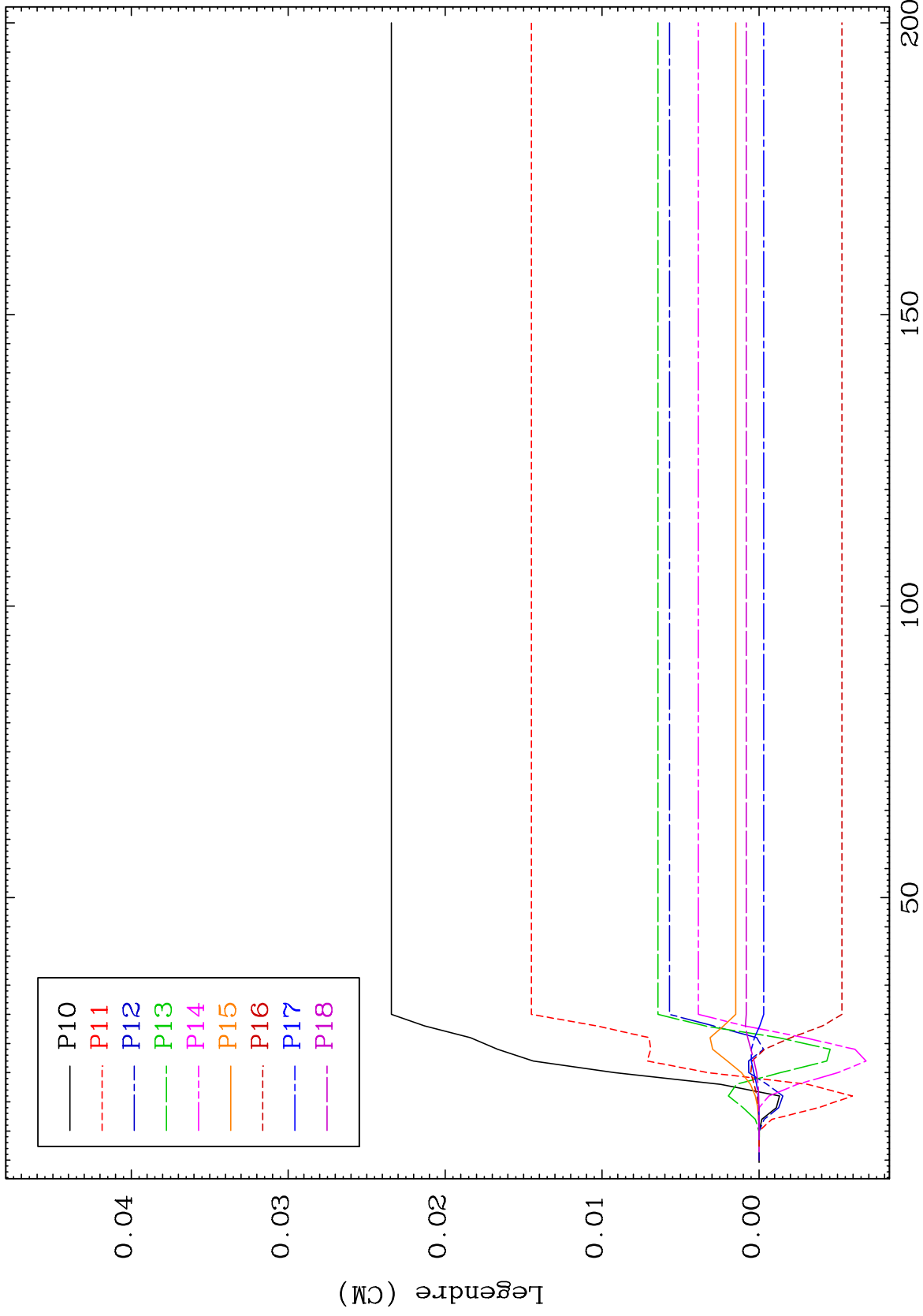




MAT 5079

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

50-Sn-130



80

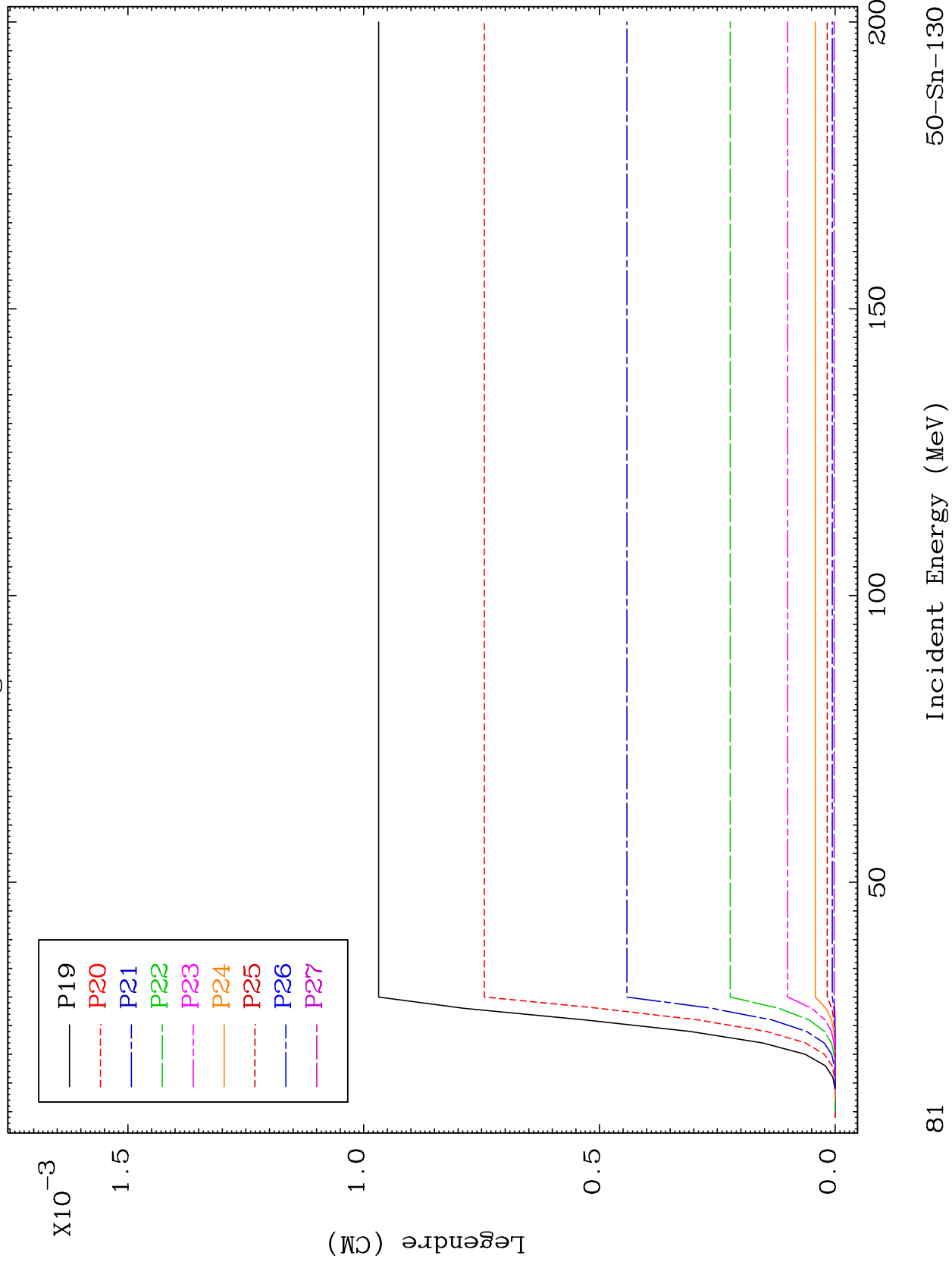
Incident Energy (MeV)

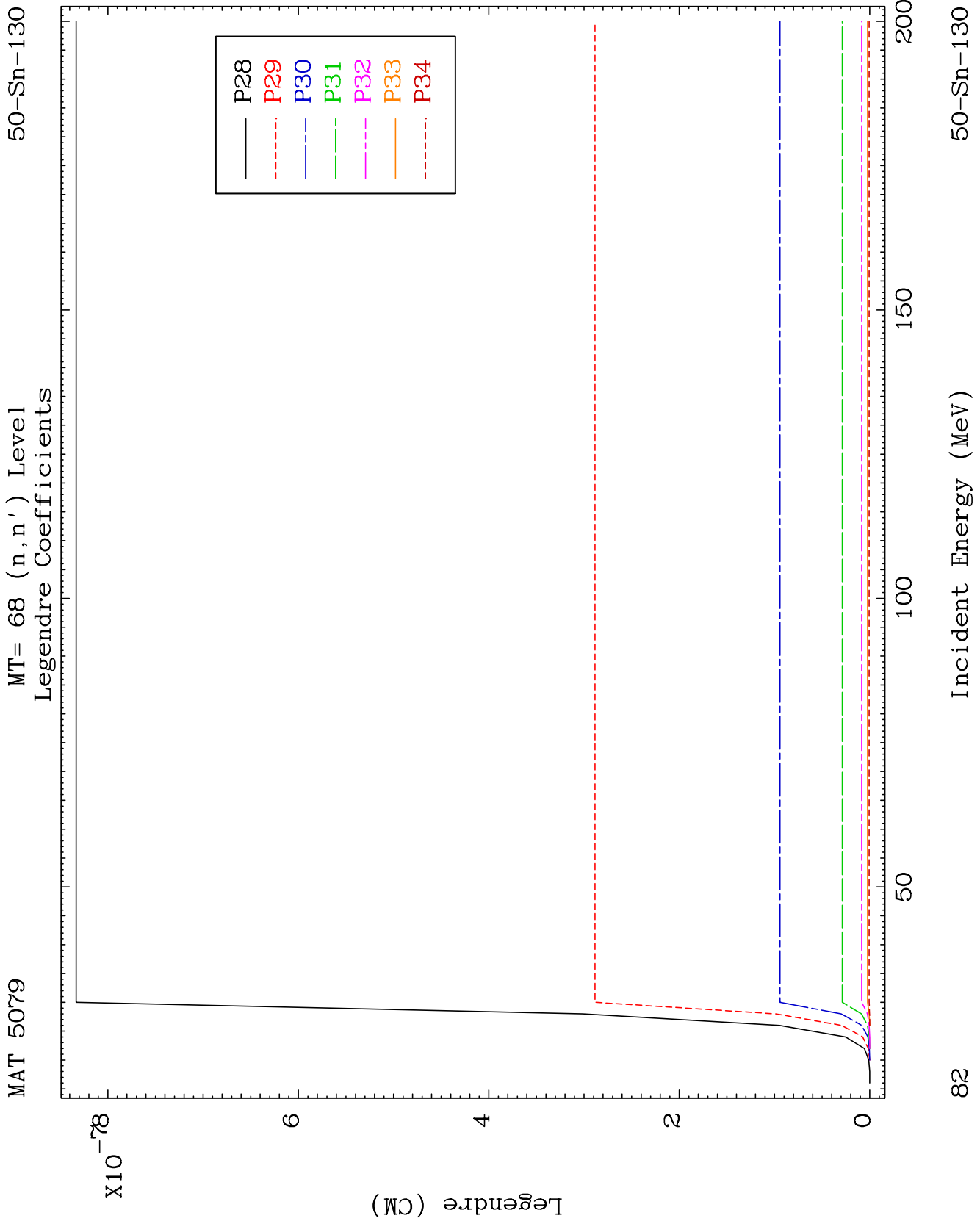
50-Sn-130

MAT 5079

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

50-Sn-130

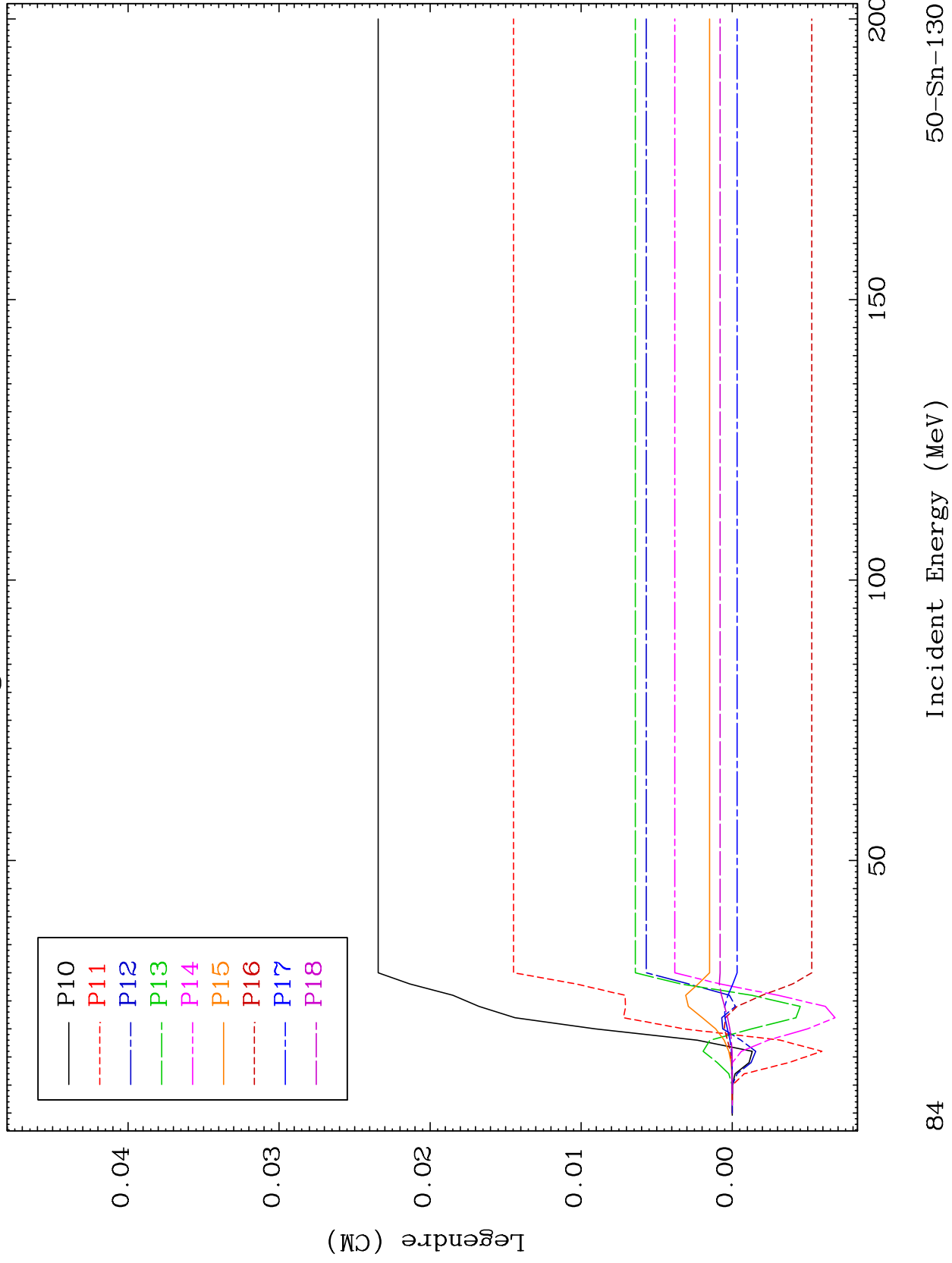


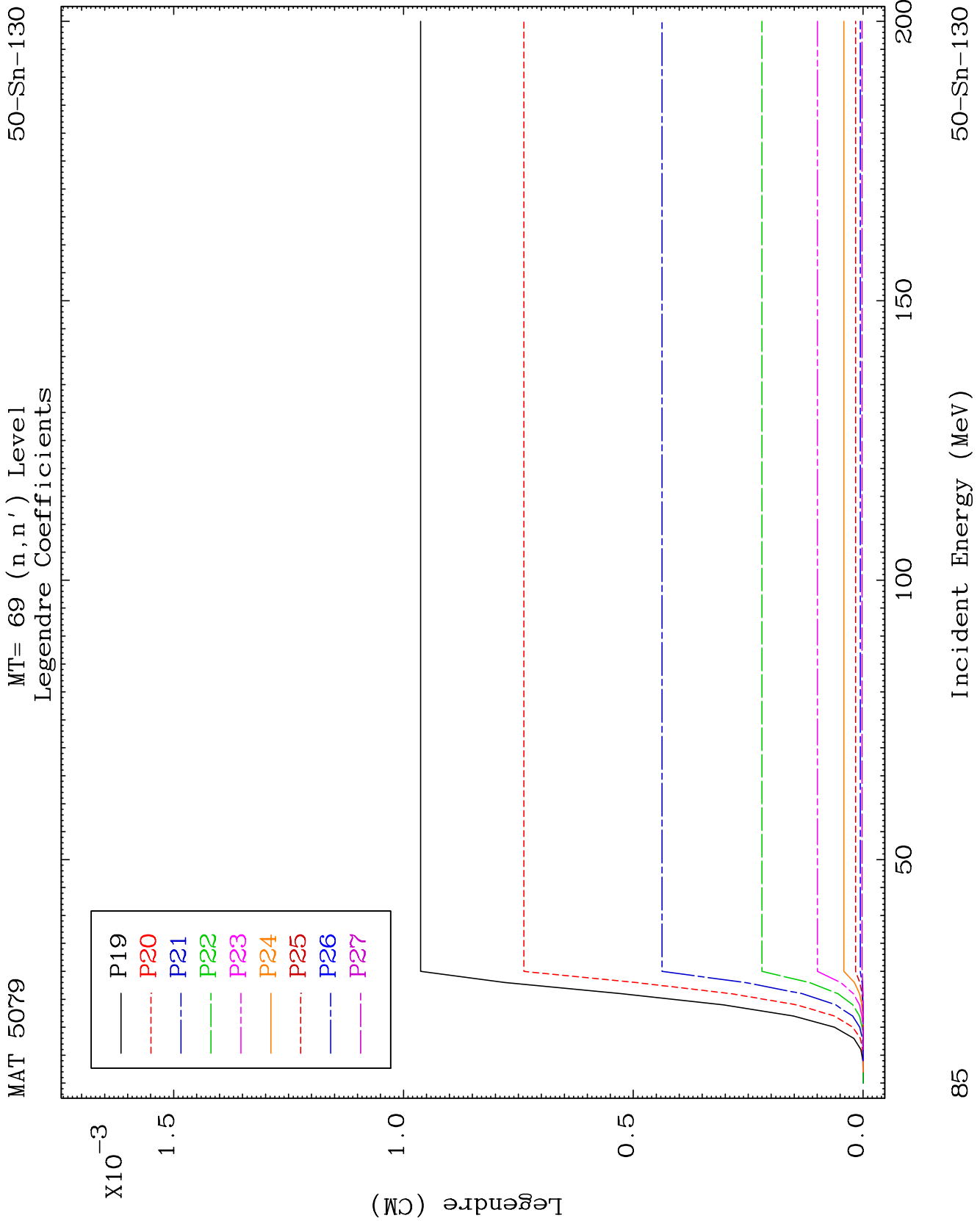


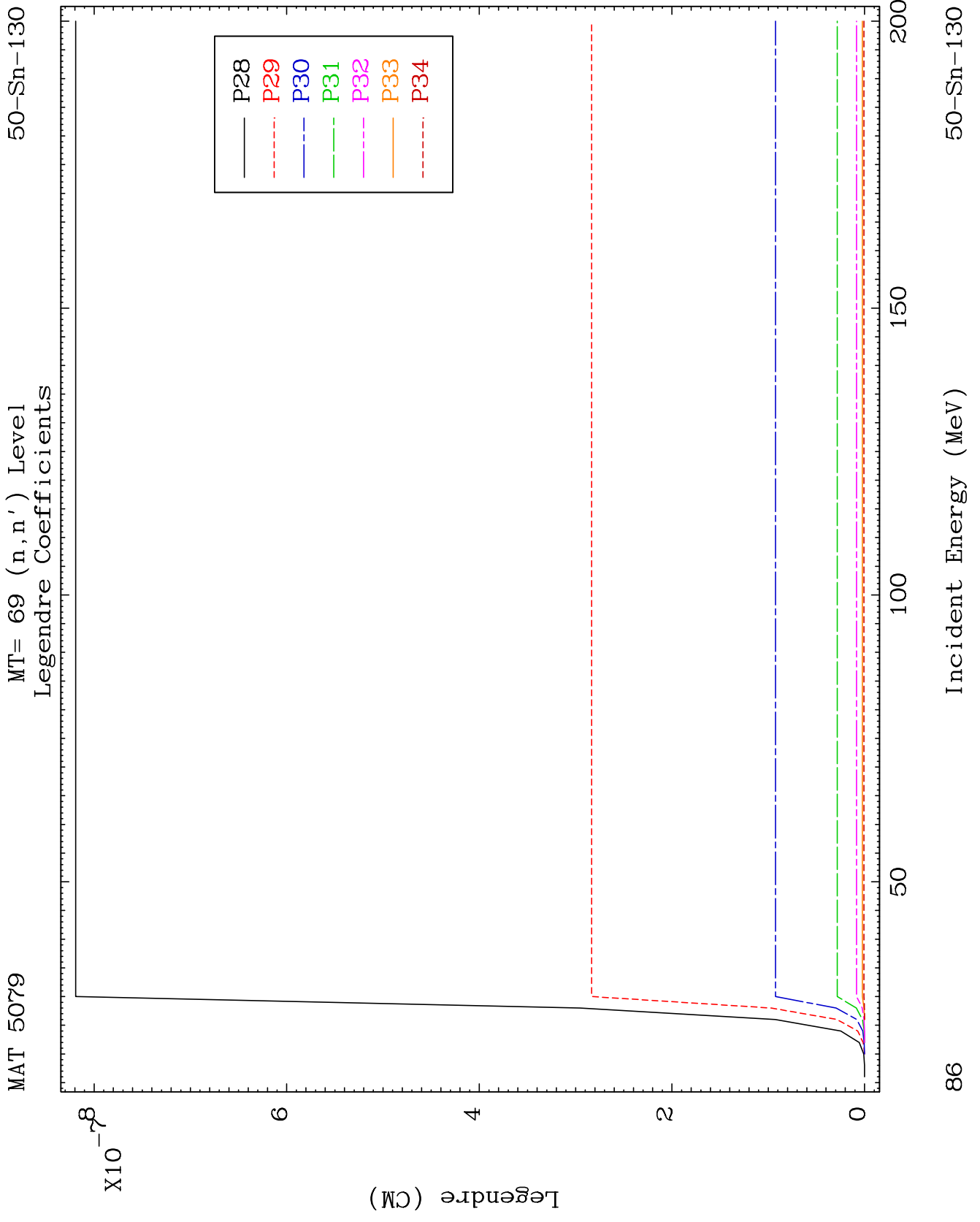
MAT 5079

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

50-Sn-130



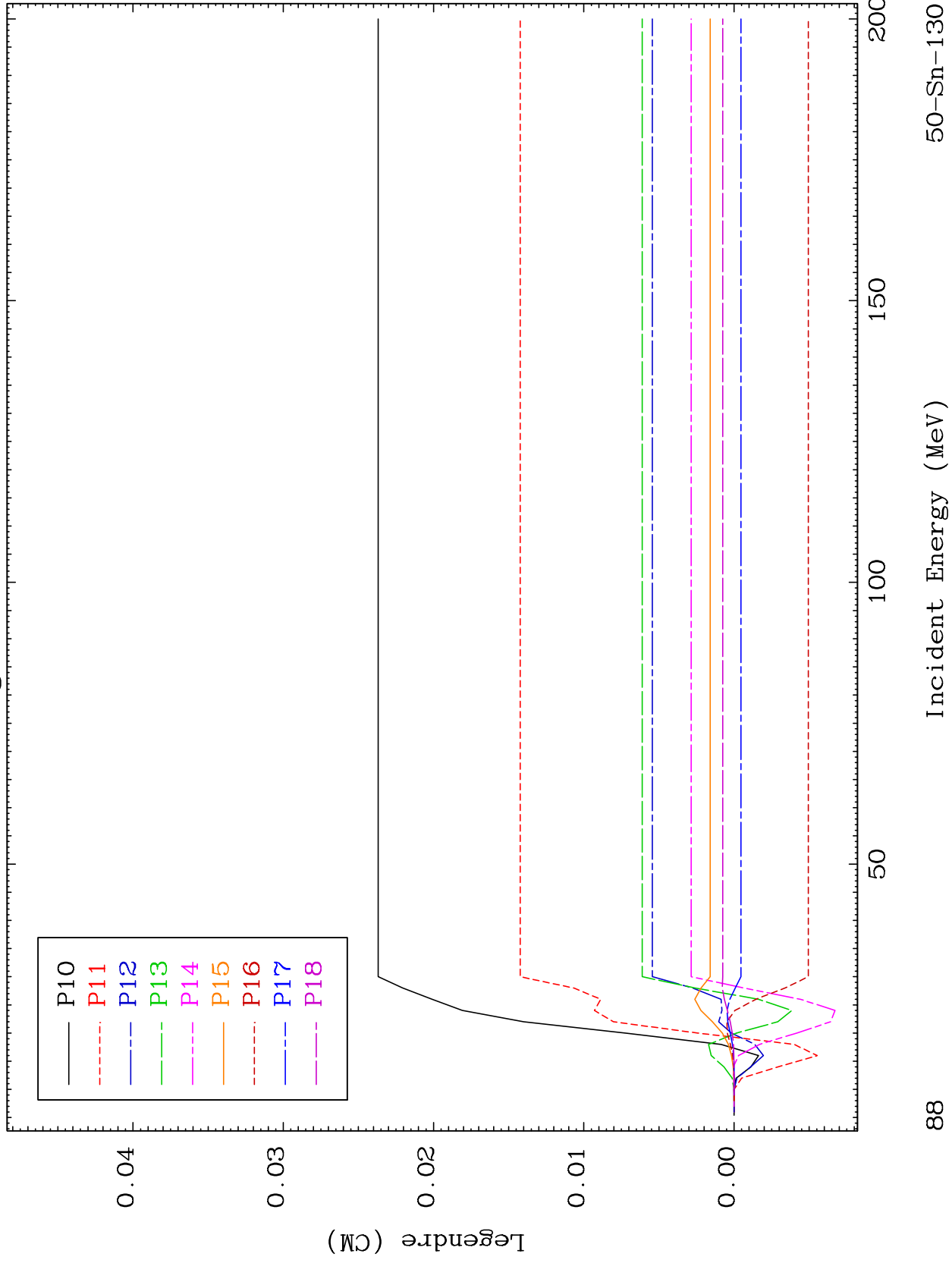


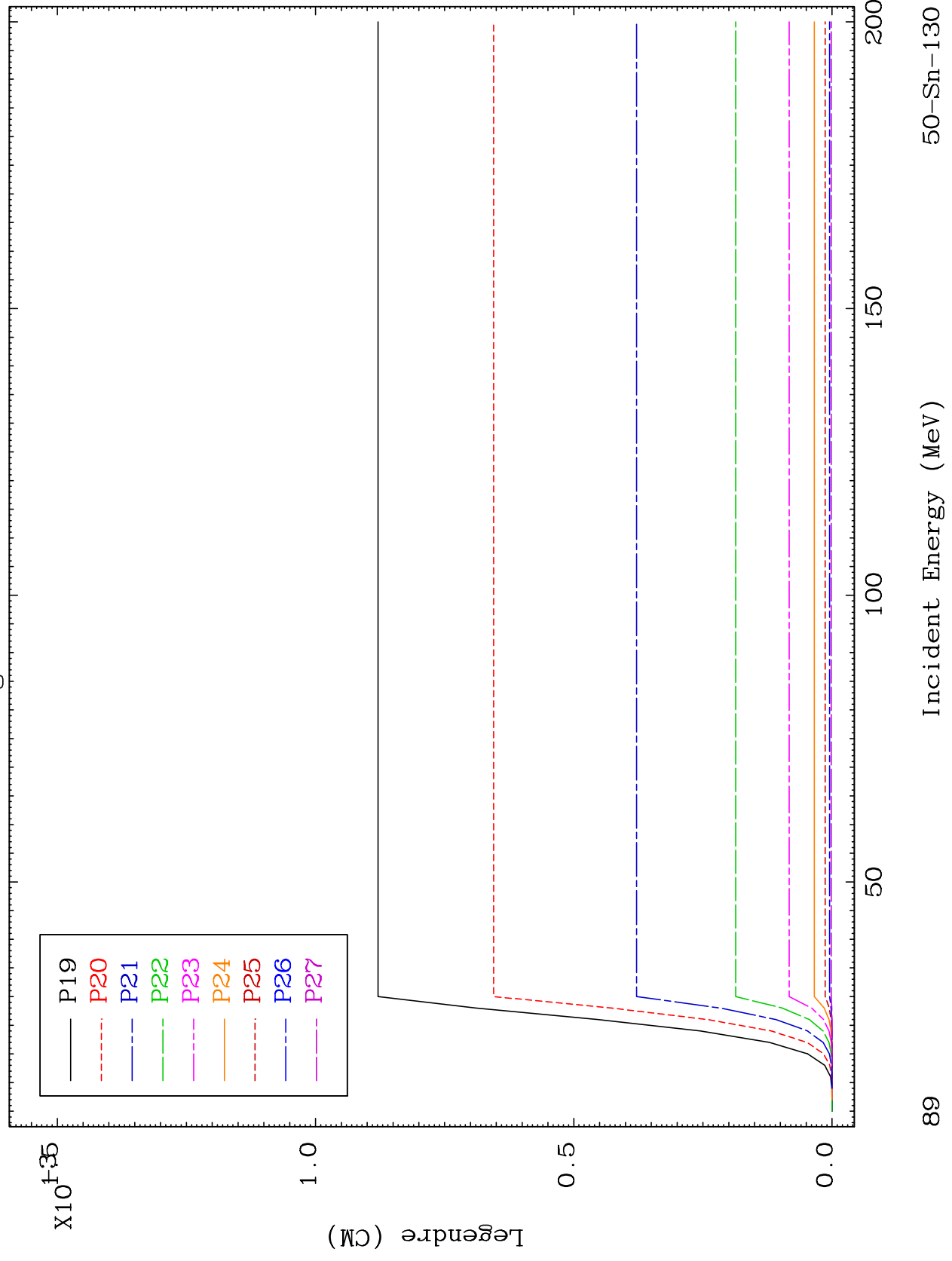


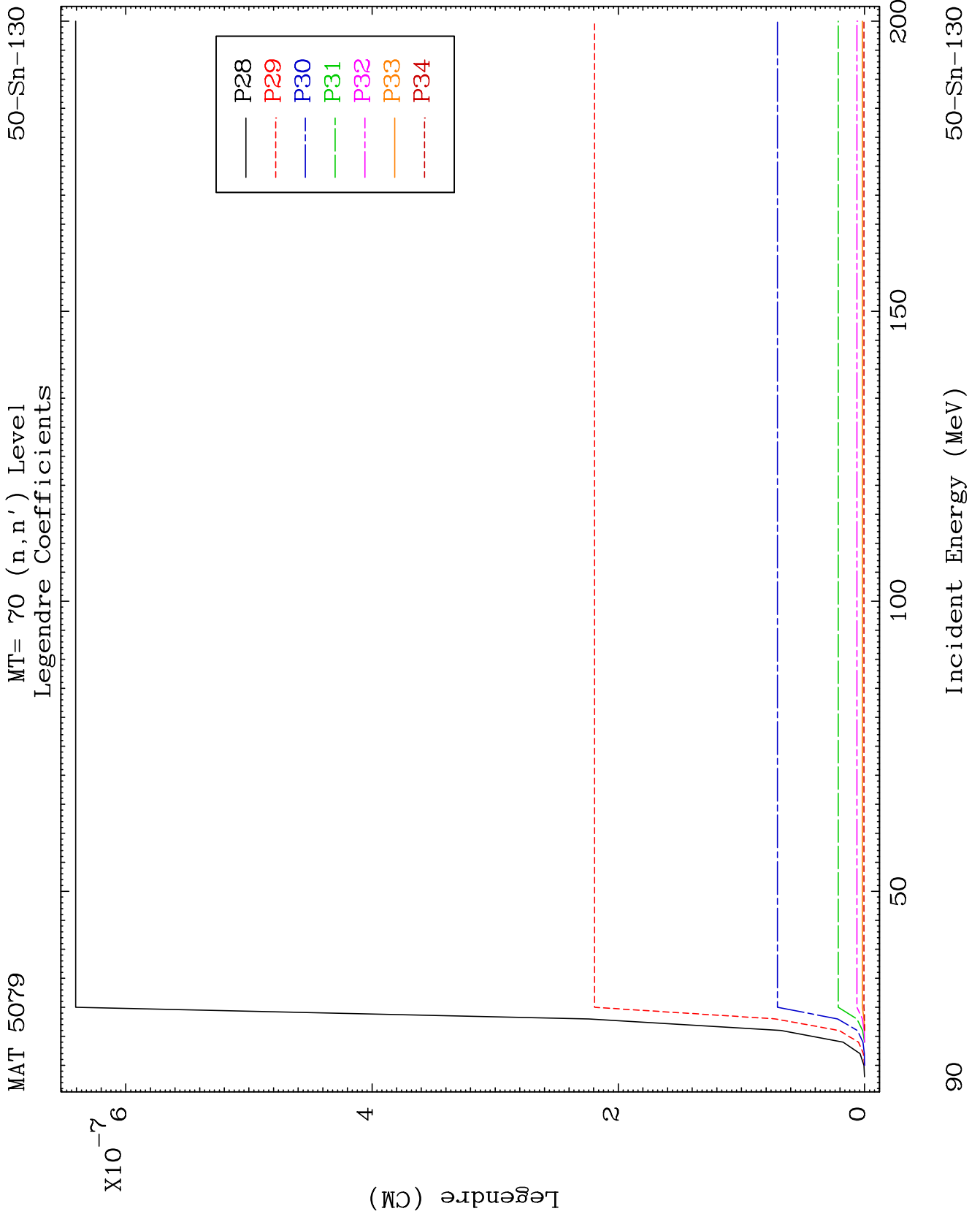
MAT 5079

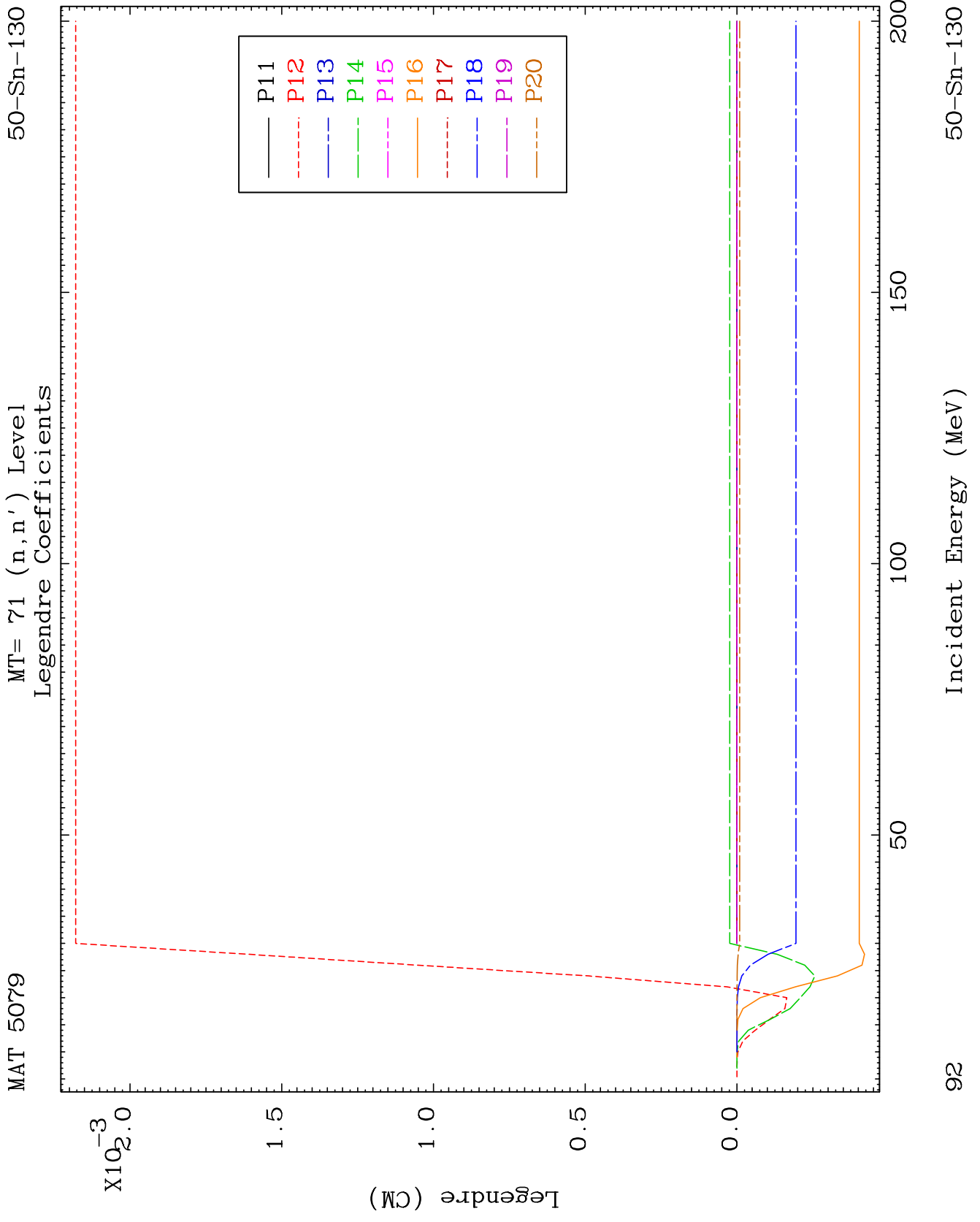
MT= 70 (n,n') Level
Legendre Coefficients

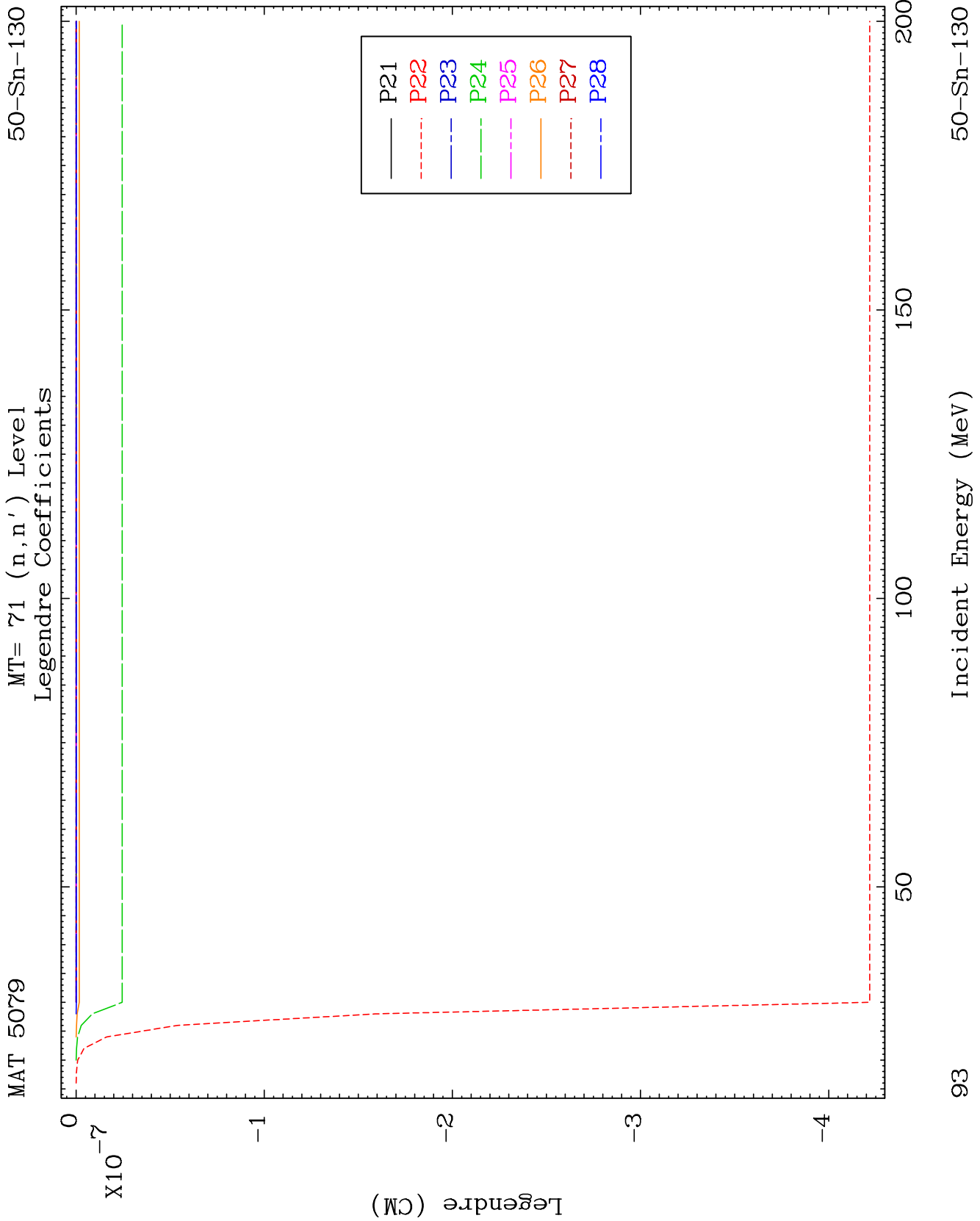
50-Sn-130







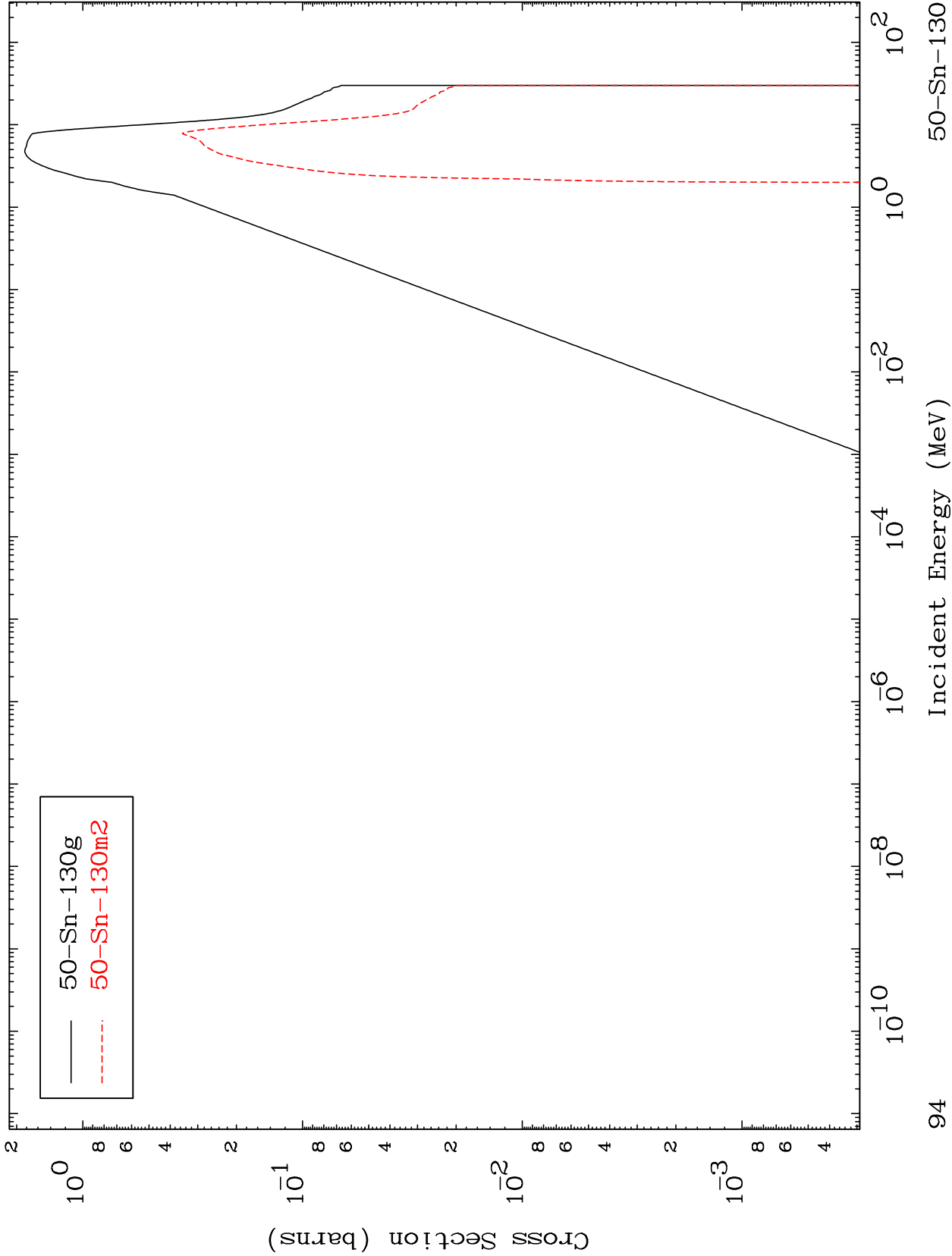




MAT 5079

Inelastic
Radionuclide Production Cross Section

50-Sn-130



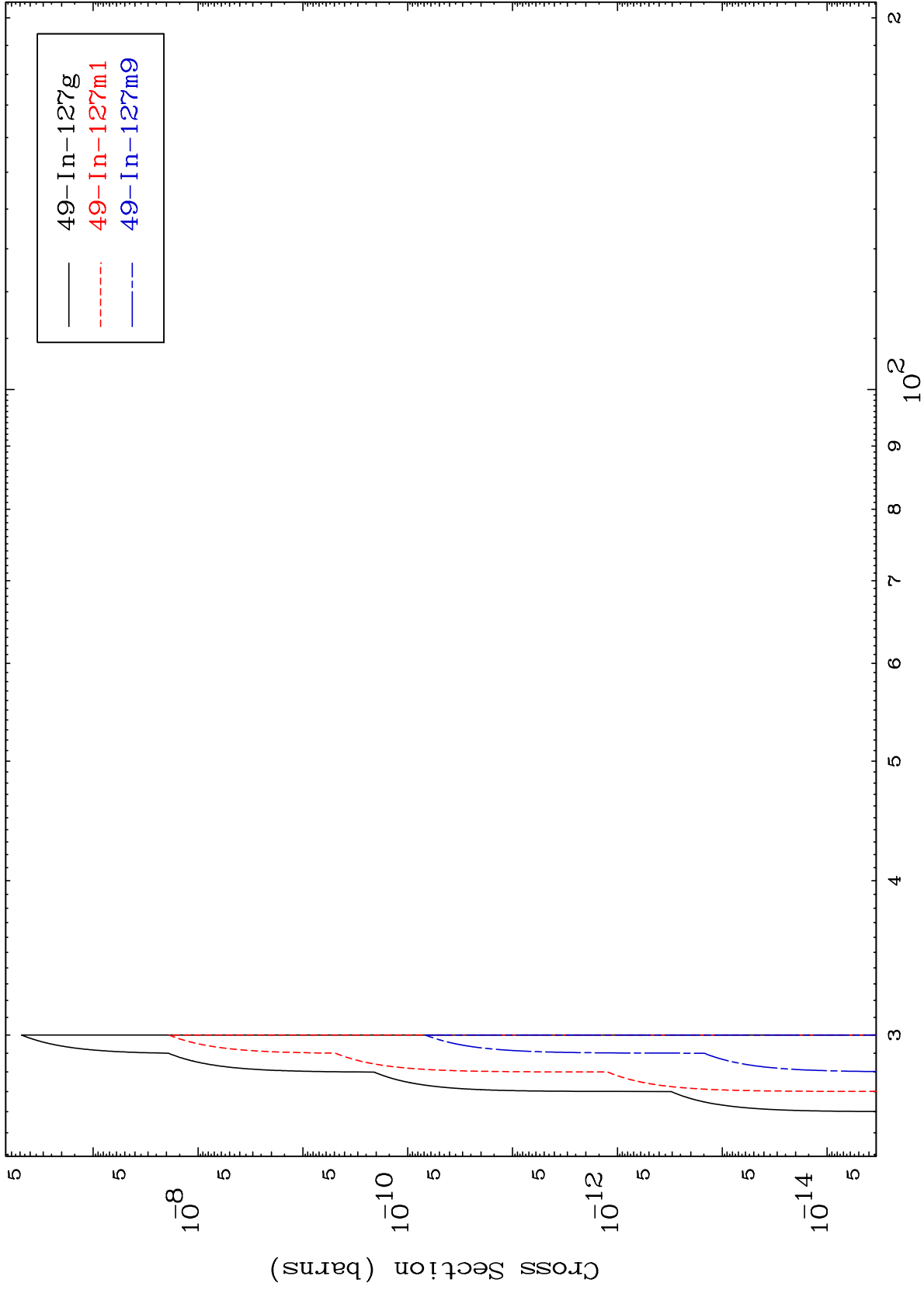
50-Sn-130g
50-Sn-130m2

MAT 5079

(n,2n) d

50-Sn-130

Radionuclide Production Cross Section



95

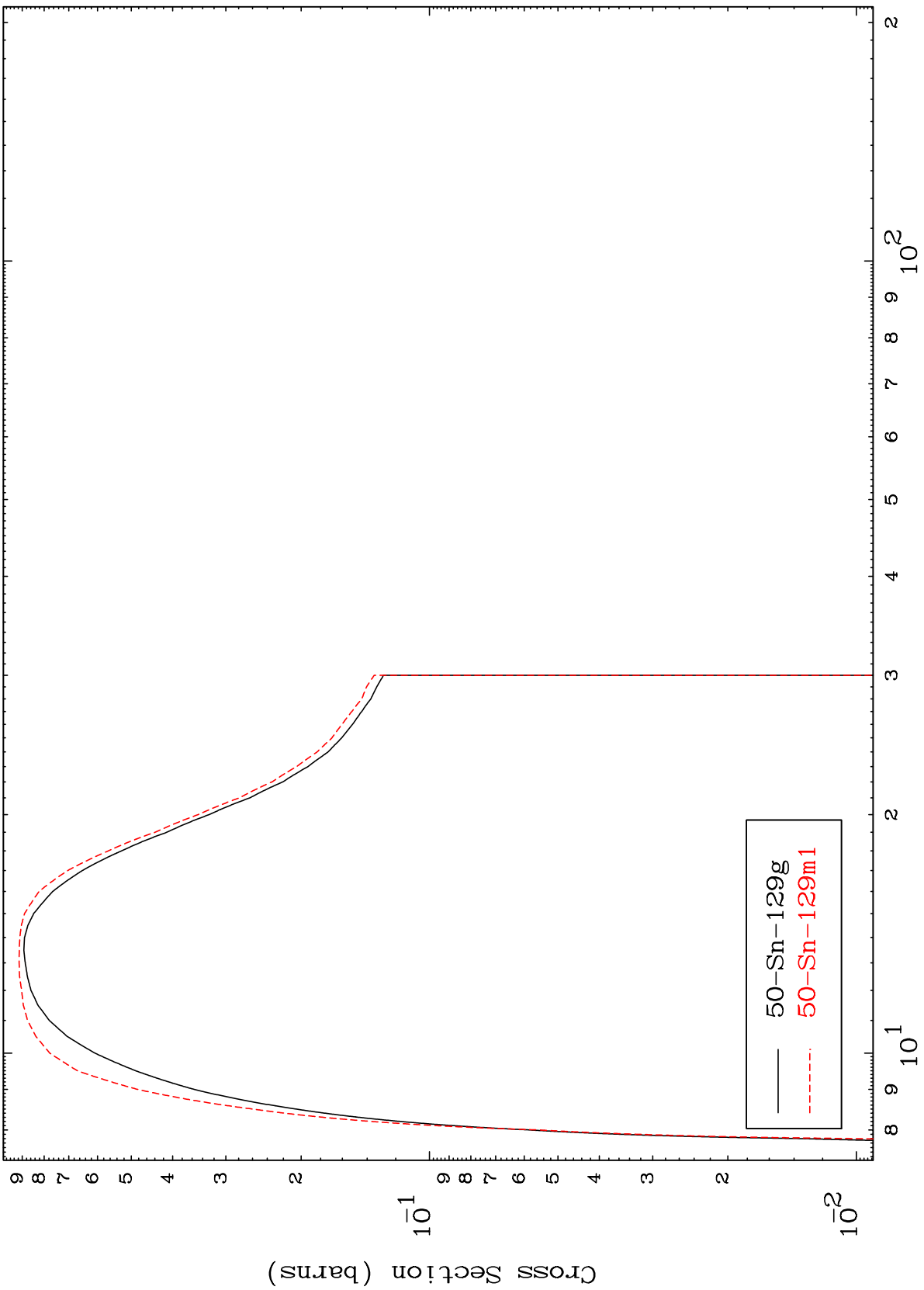
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

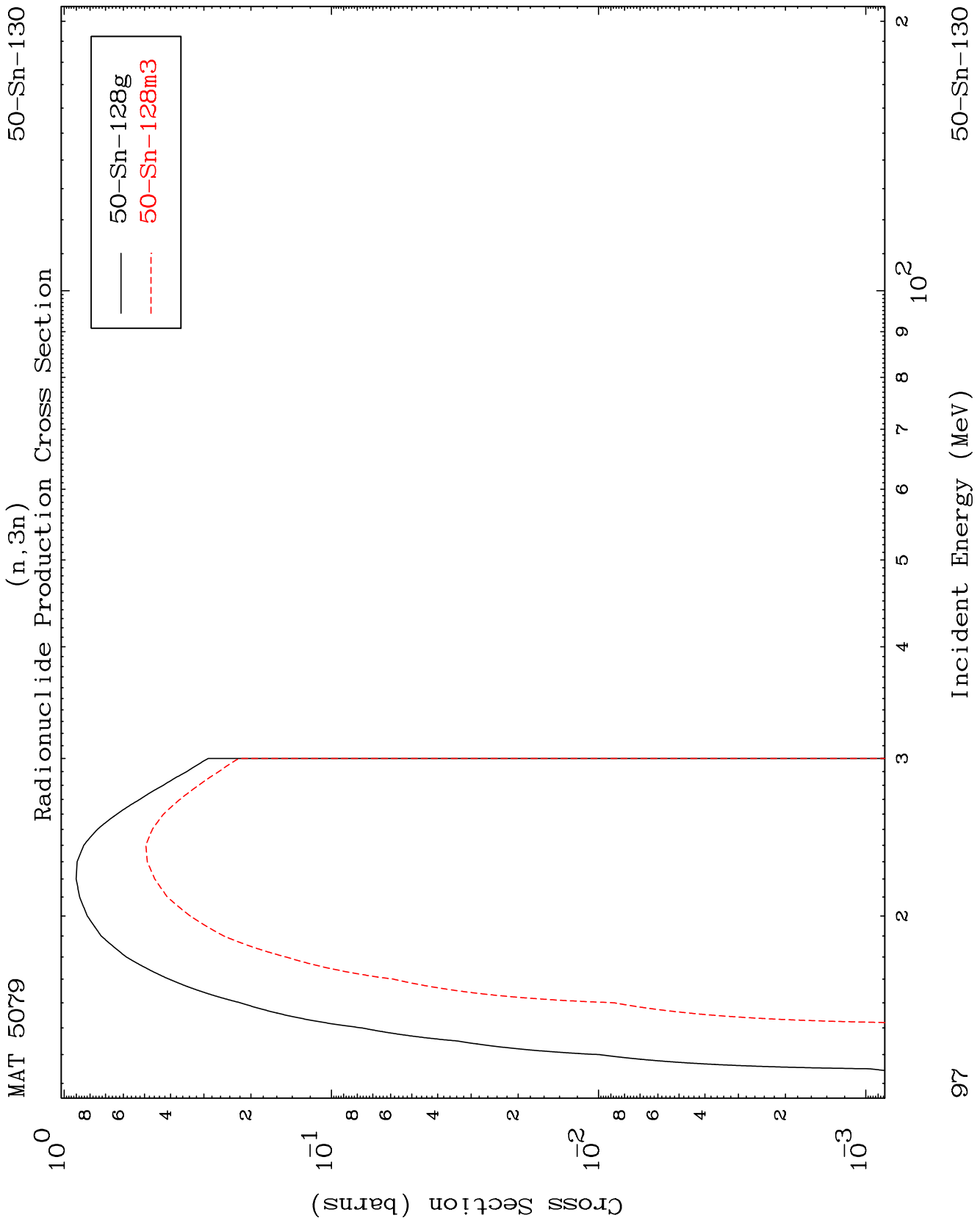
(n,2n)
Radionuclide Production Cross Section



96

Incident Energy (MeV)

50-Sn-130

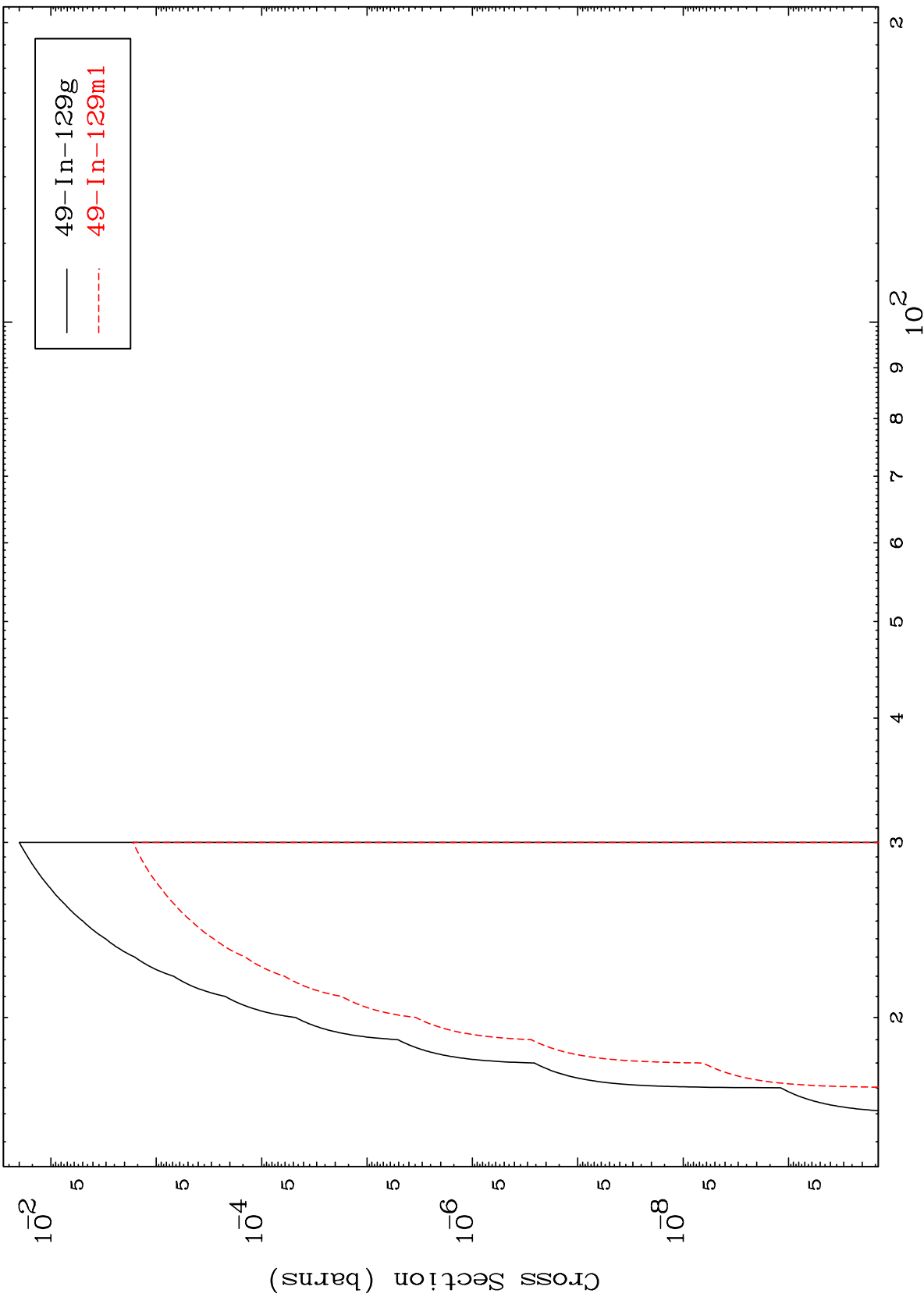


MAT 5079

(n,n') p

50-Sn-130

Radionuclide Production Cross Section



49-In-129g
49-In-129m1

98

Incident Energy (MeV)

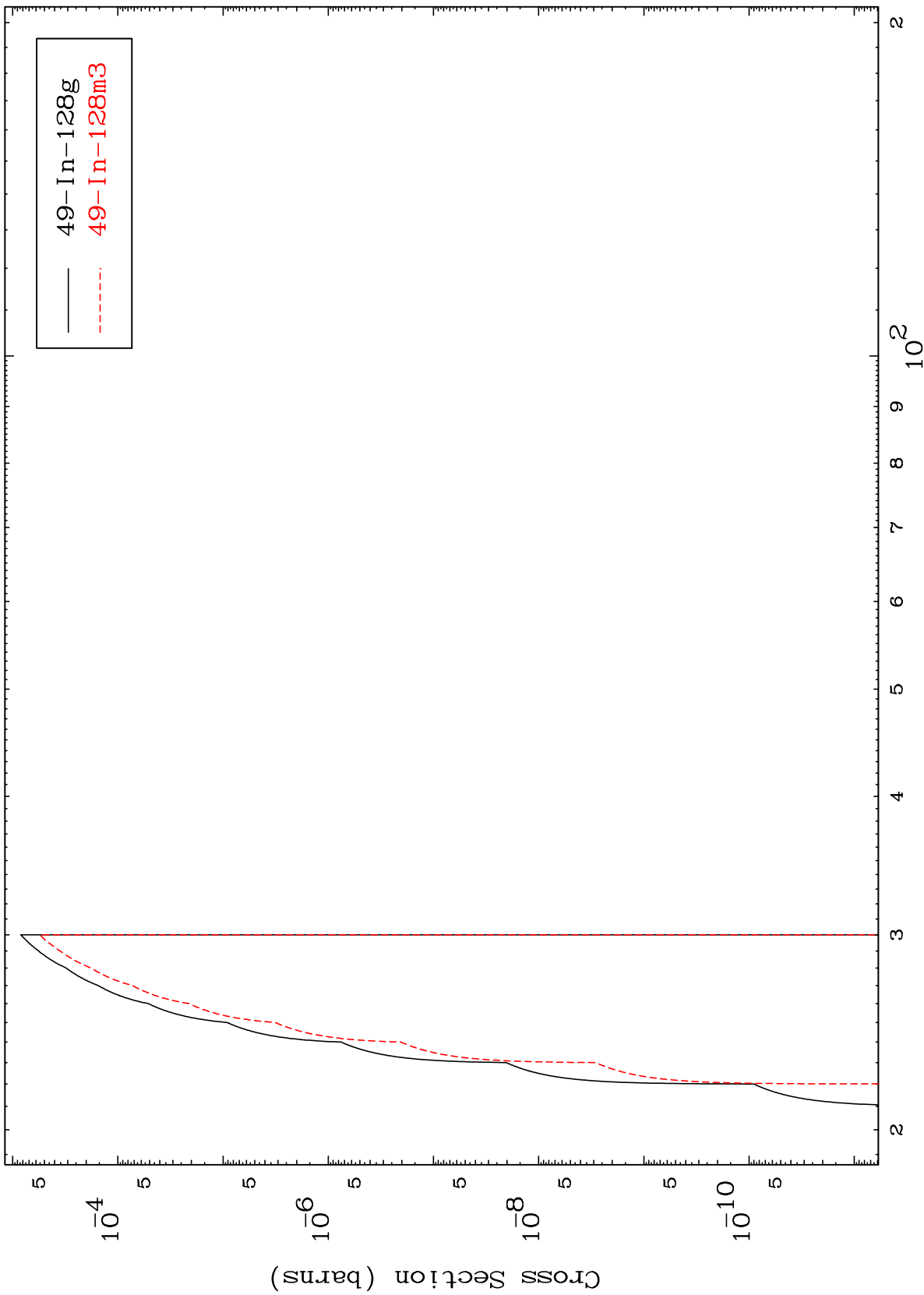
50-Sn-130

MAT 5079

(n,n') d

50-Sn-130

Radionuclide Production Cross Section



99

Incident Energy (MeV)

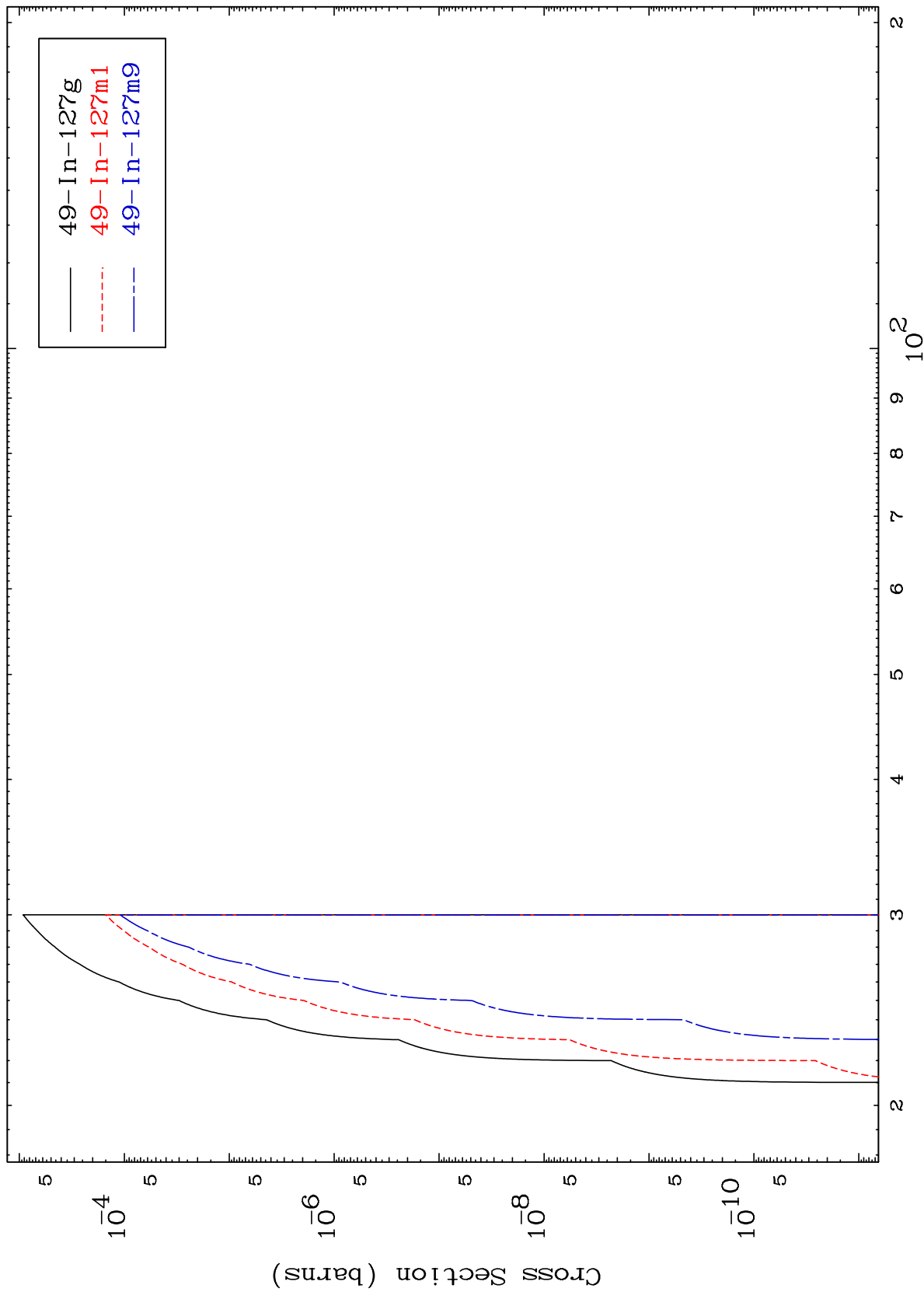
50-Sn-130

MAT 5079

(n,n') t

50-Sn-130

Radionuclide Production Cross Section



100

Incident Energy (MeV)

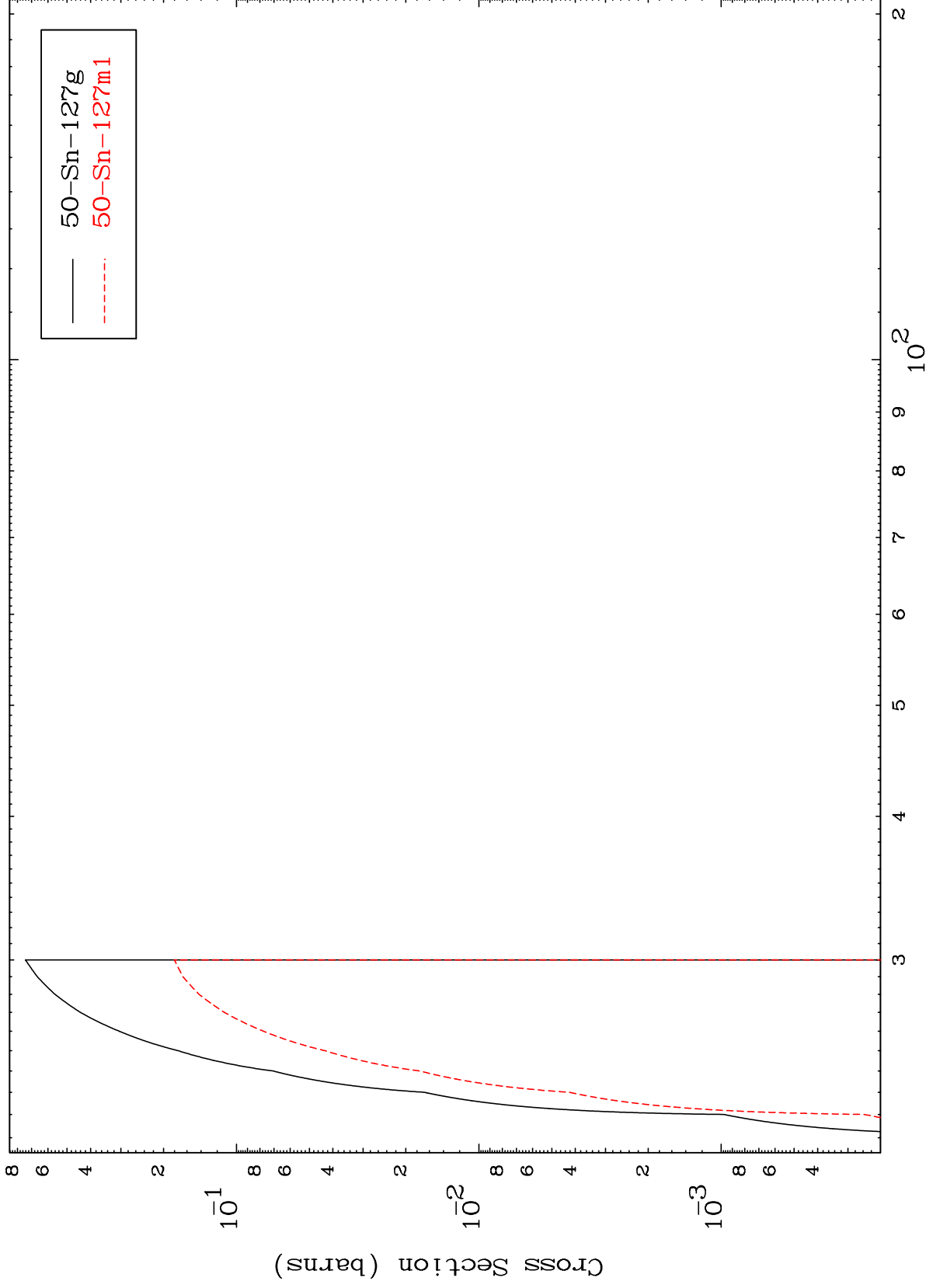
50-Sn-130

MAT 5079

(n,4n)

50-Sn-130

Radionuclide Production Cross Section



101

Incident Energy (MeV)

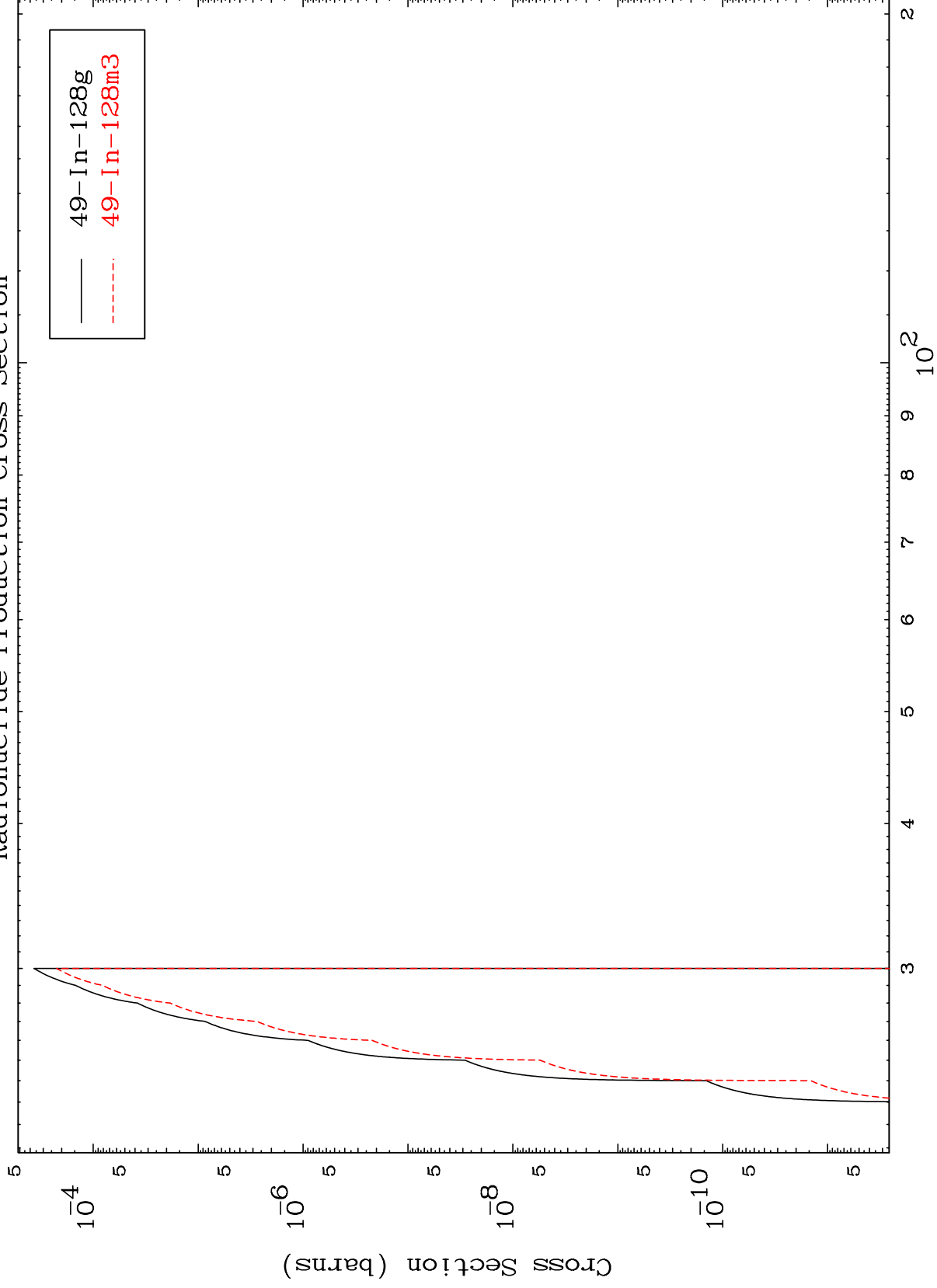
50-Sn-130

MAT 5079

(n,2n) p

50-Sn-130

Radionuclide Production Cross Section



102

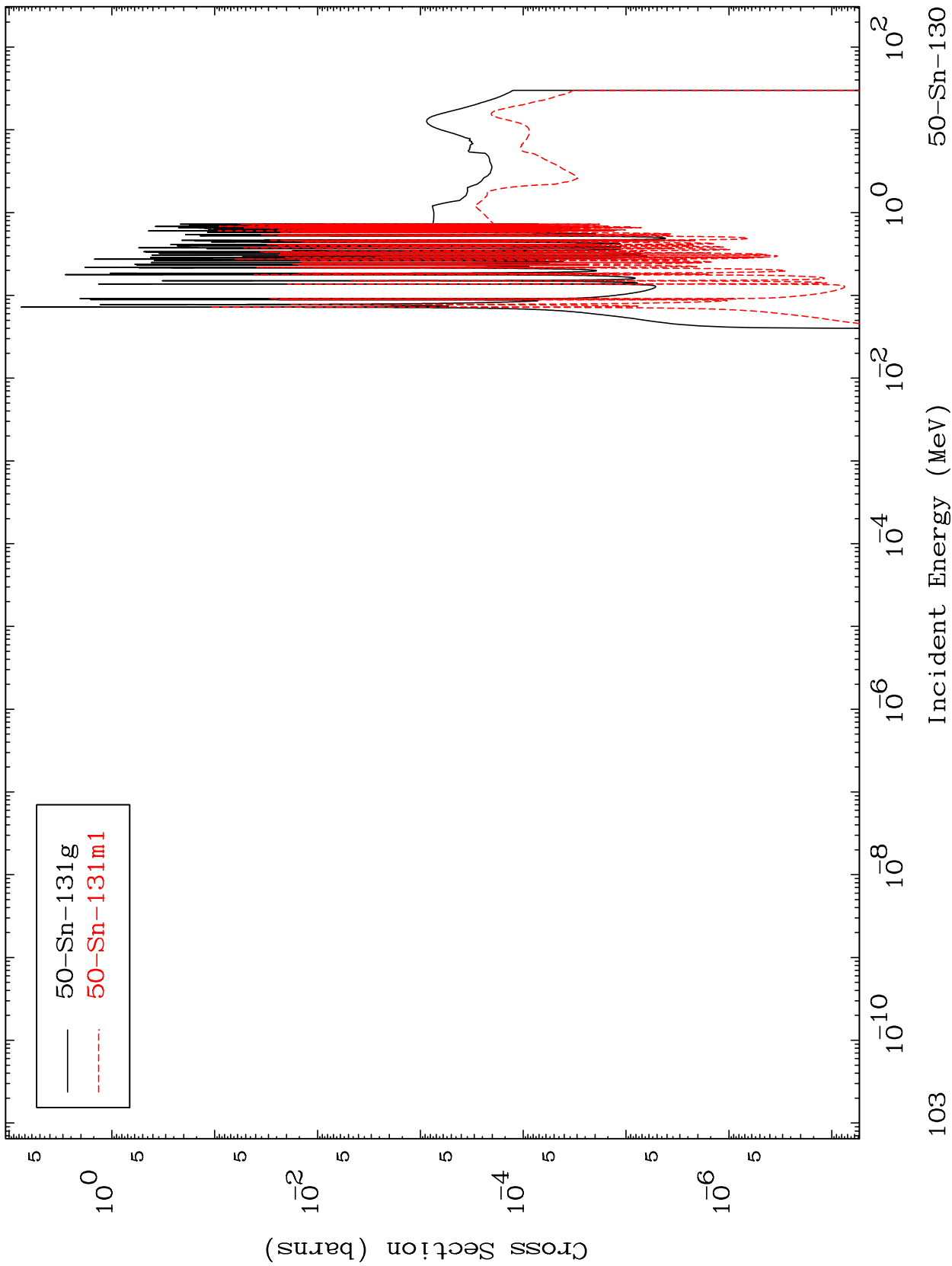
Incident Energy (MeV)

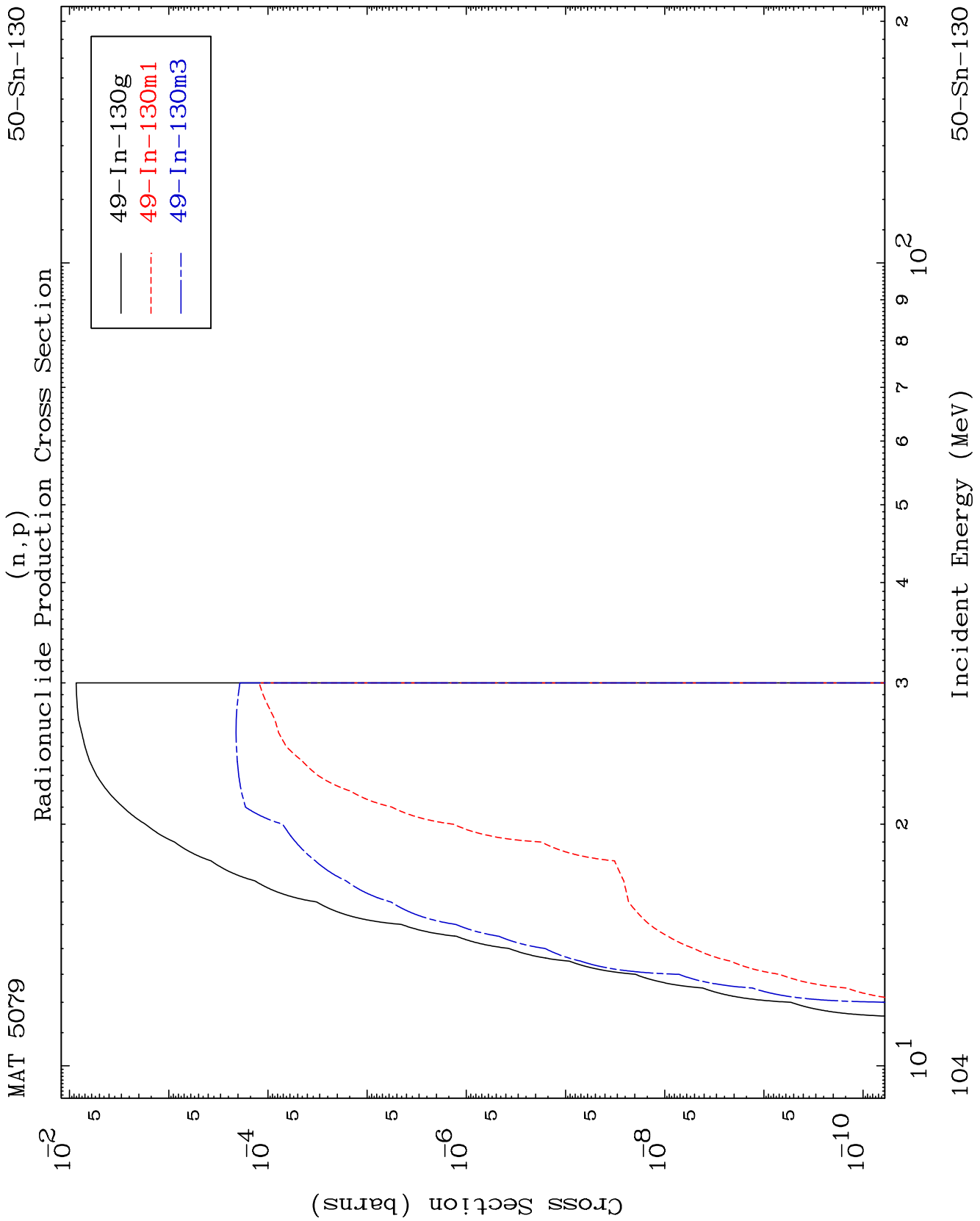
50-Sn-130

MAT 5079

50-Sn-130

(n,γ)
Radionuclide Production Cross Section

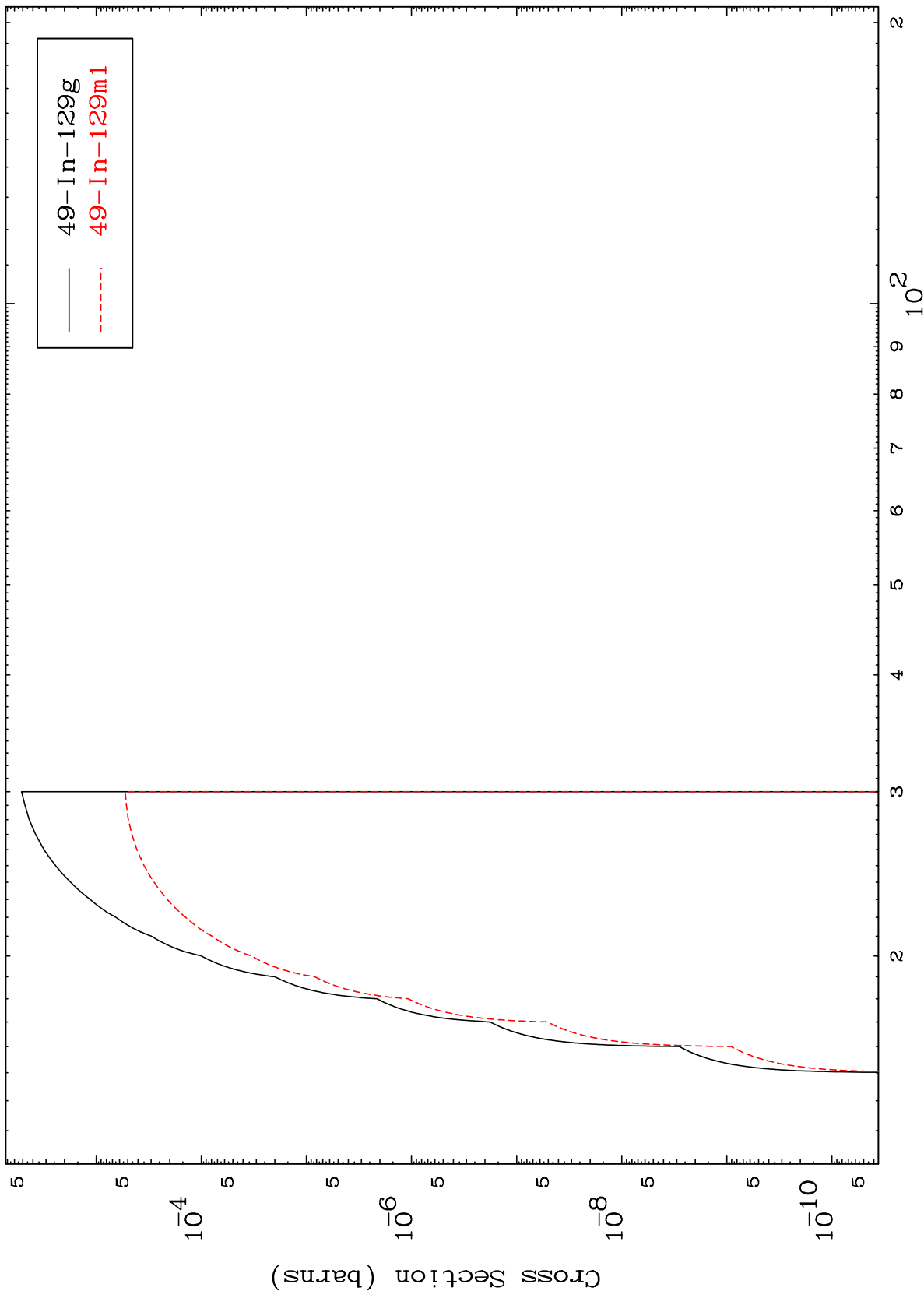




MAT 5079

50-Sn-130

(n,d)
Radionuclide Production Cross Section



50-Sn-130

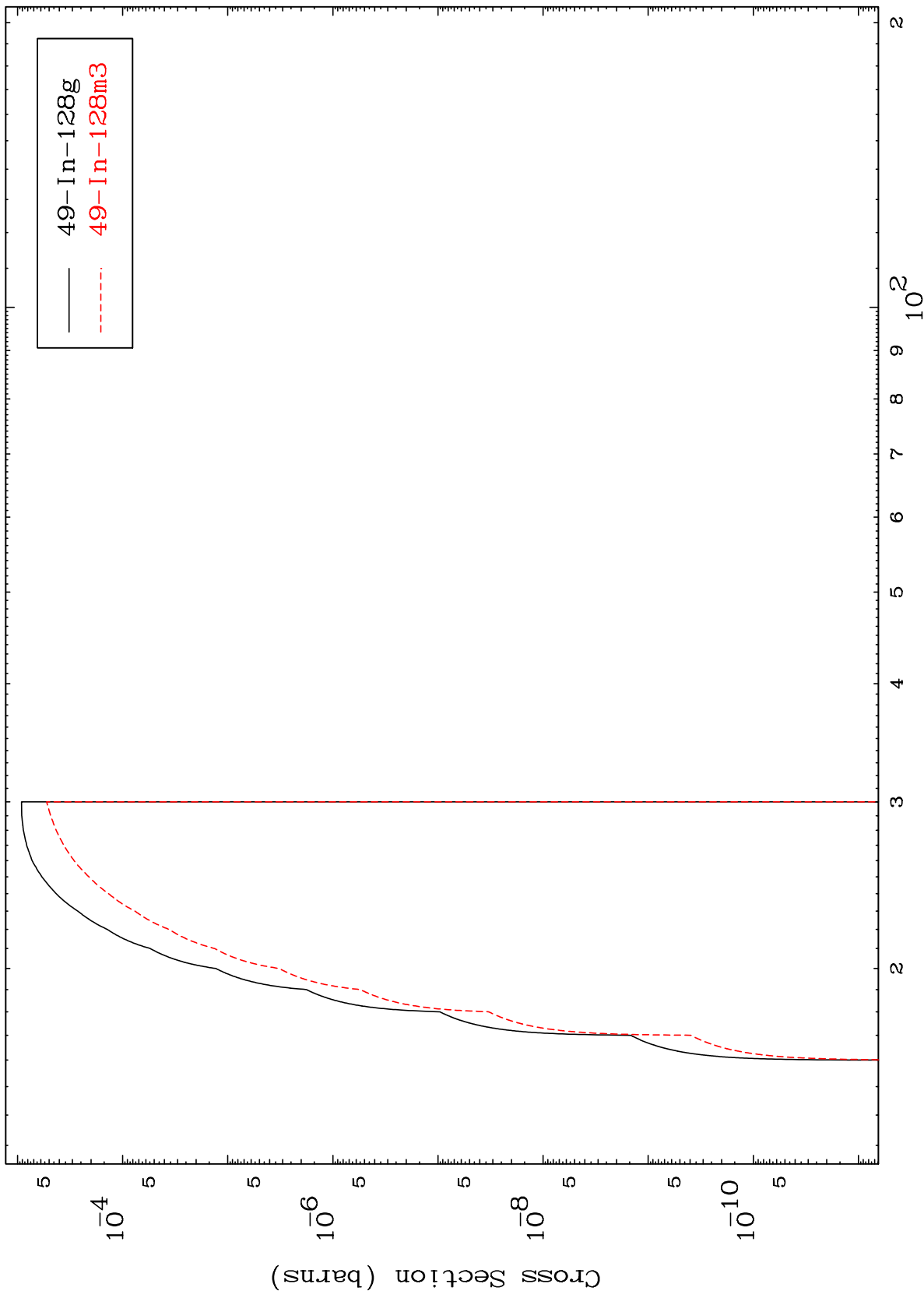
Incident Energy (MeV)

105

MAT 5079

50-Sn-130

(n,t)
Radionuclide Production Cross Section



106

50-Sn-130

Incident Energy (MeV)