

Program EVALPLOT
(Version 2017-1)

by

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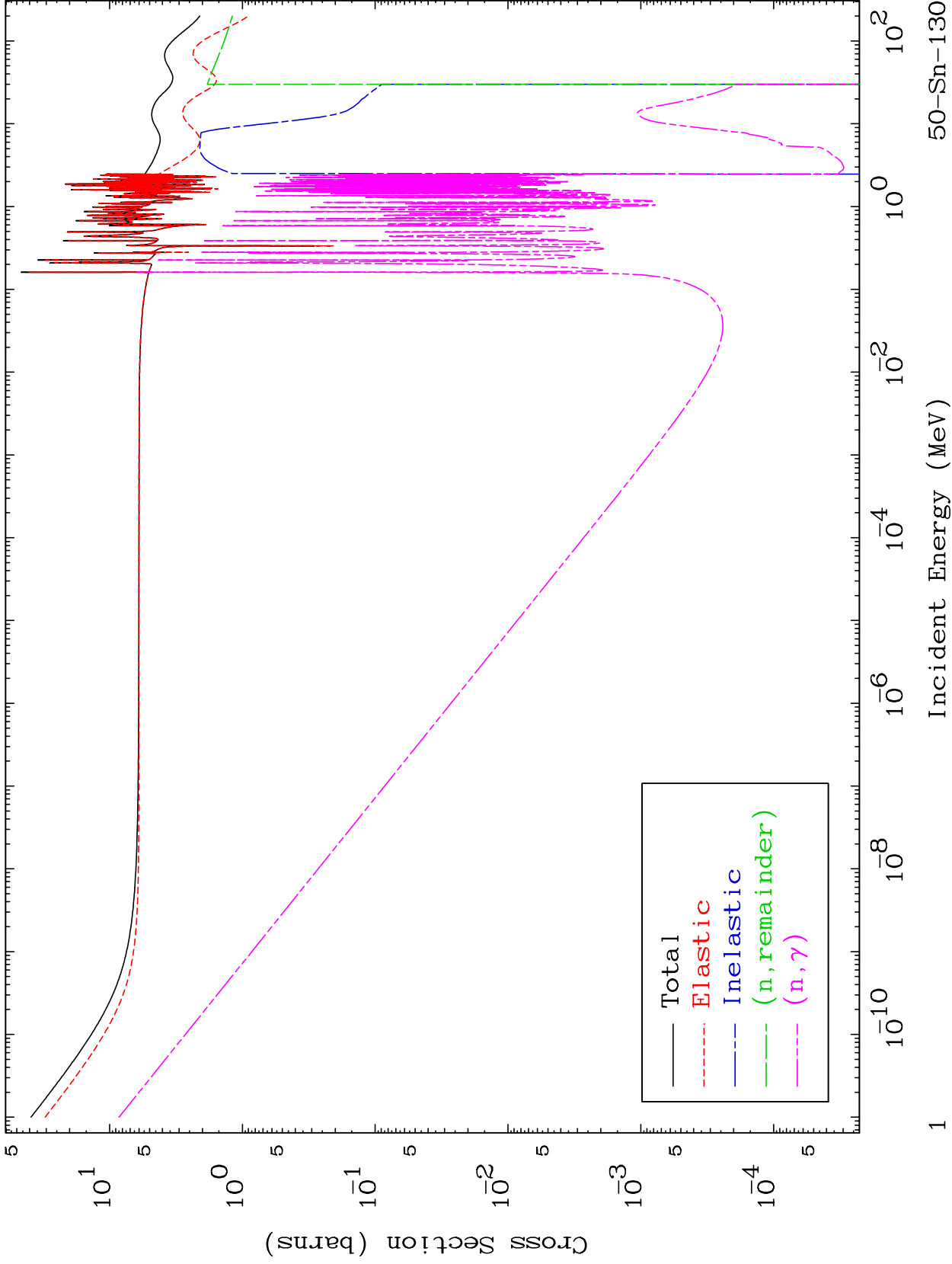
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5079

Major
293 Kelvin Cross Sections

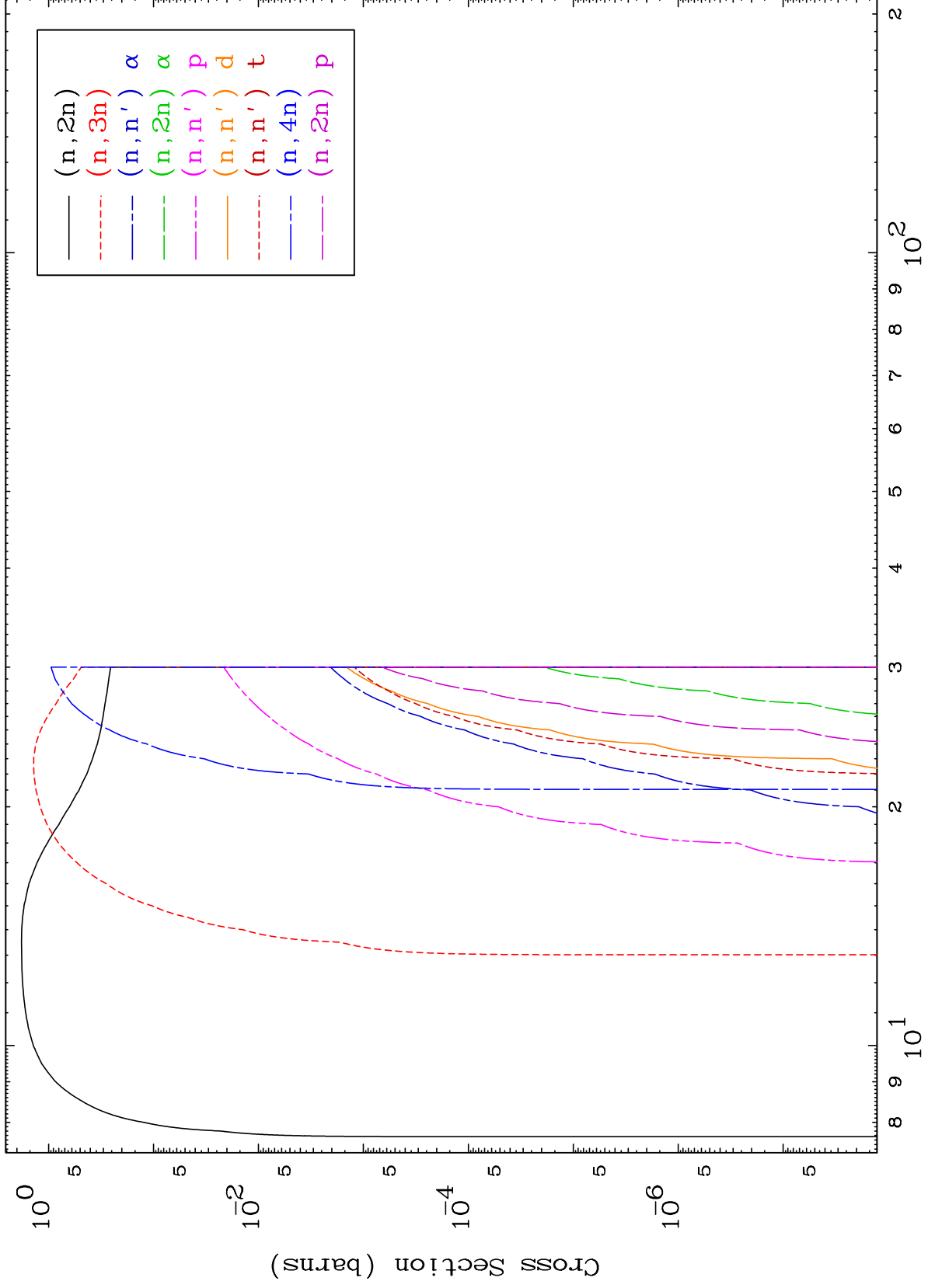
50-Sn-130



MAT 5079

Neutron Production
293 Kelvin Cross Sections

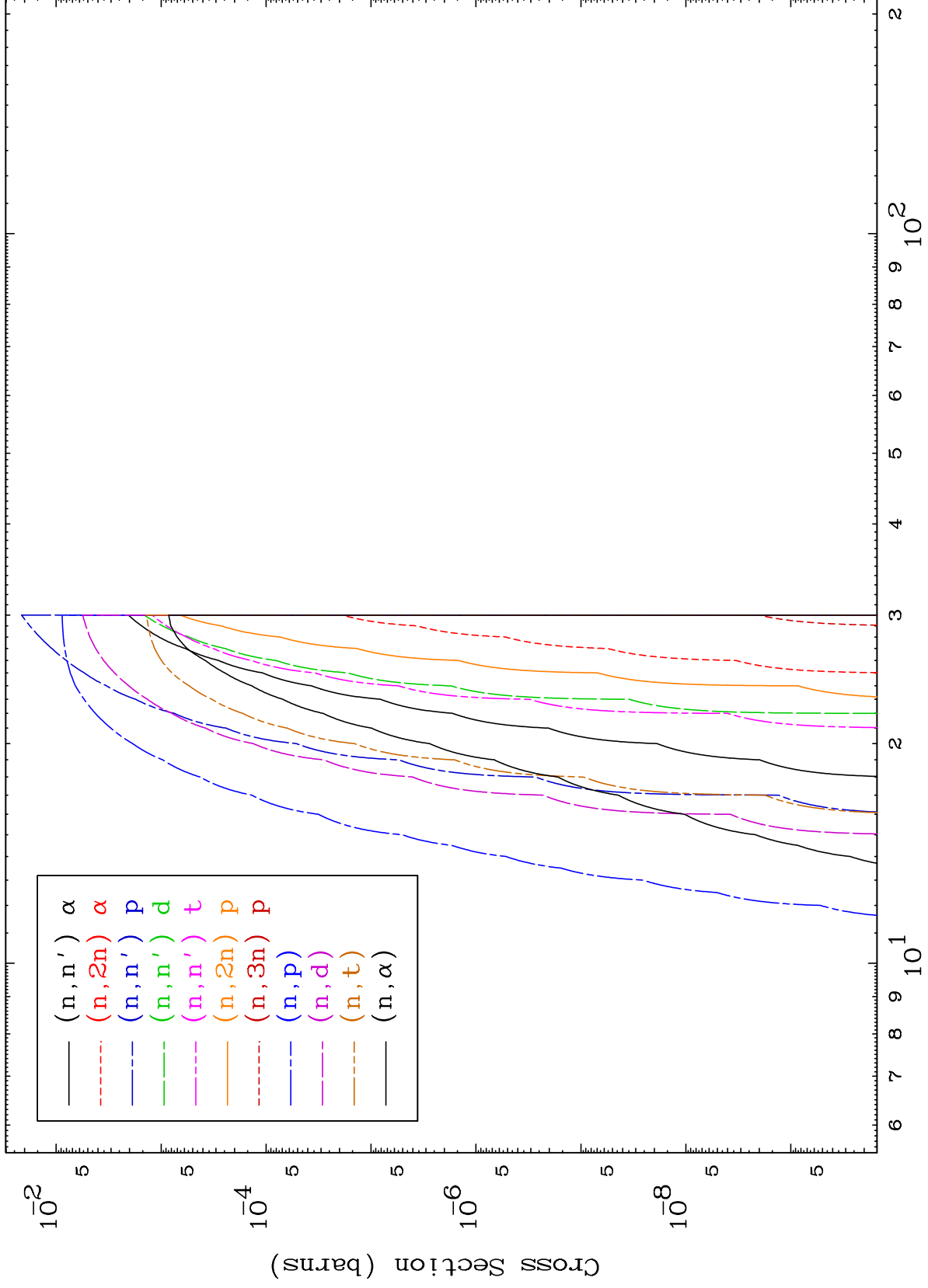
50-Sn-130

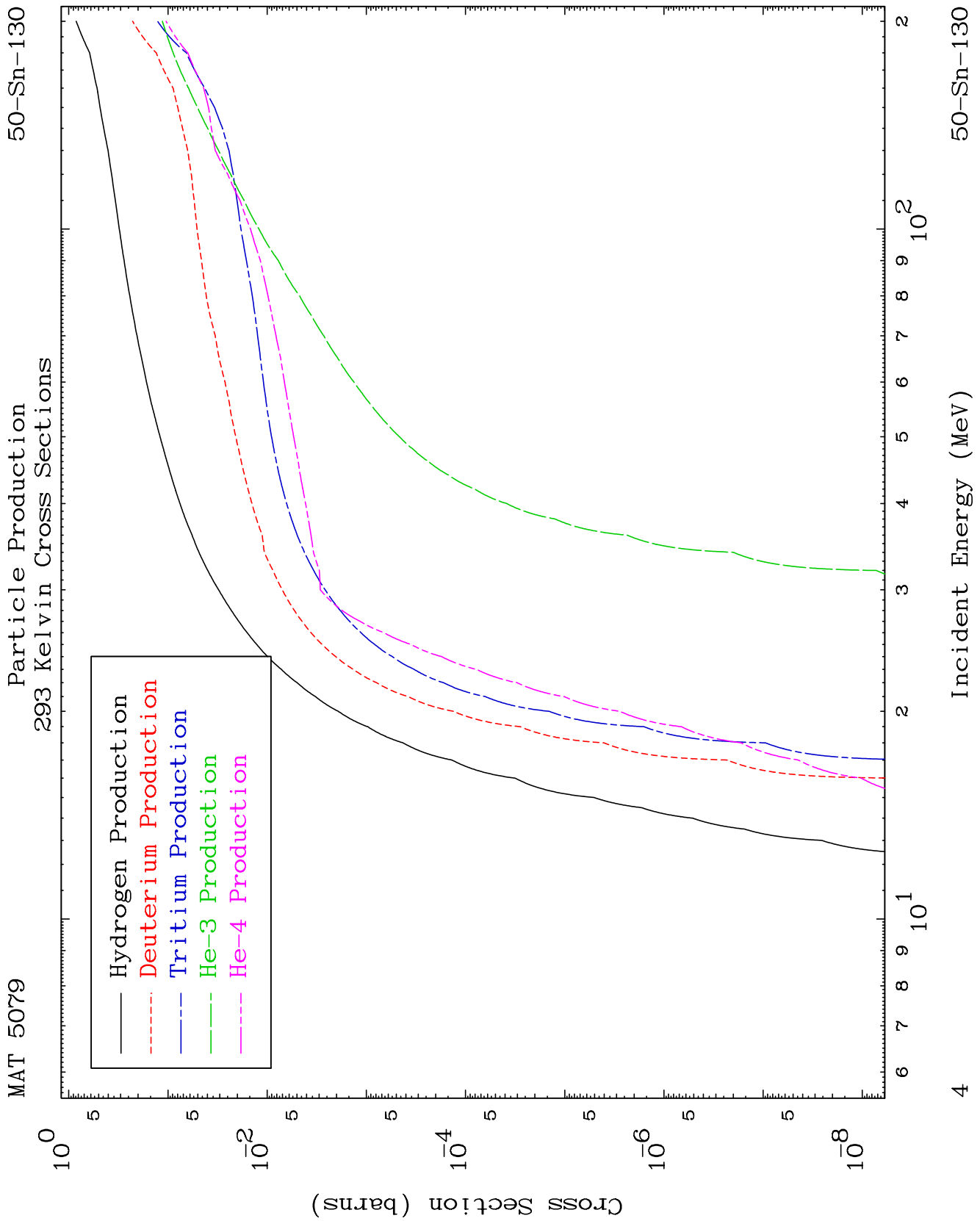


2

Incident Energy (MeV)

50-Sn-130

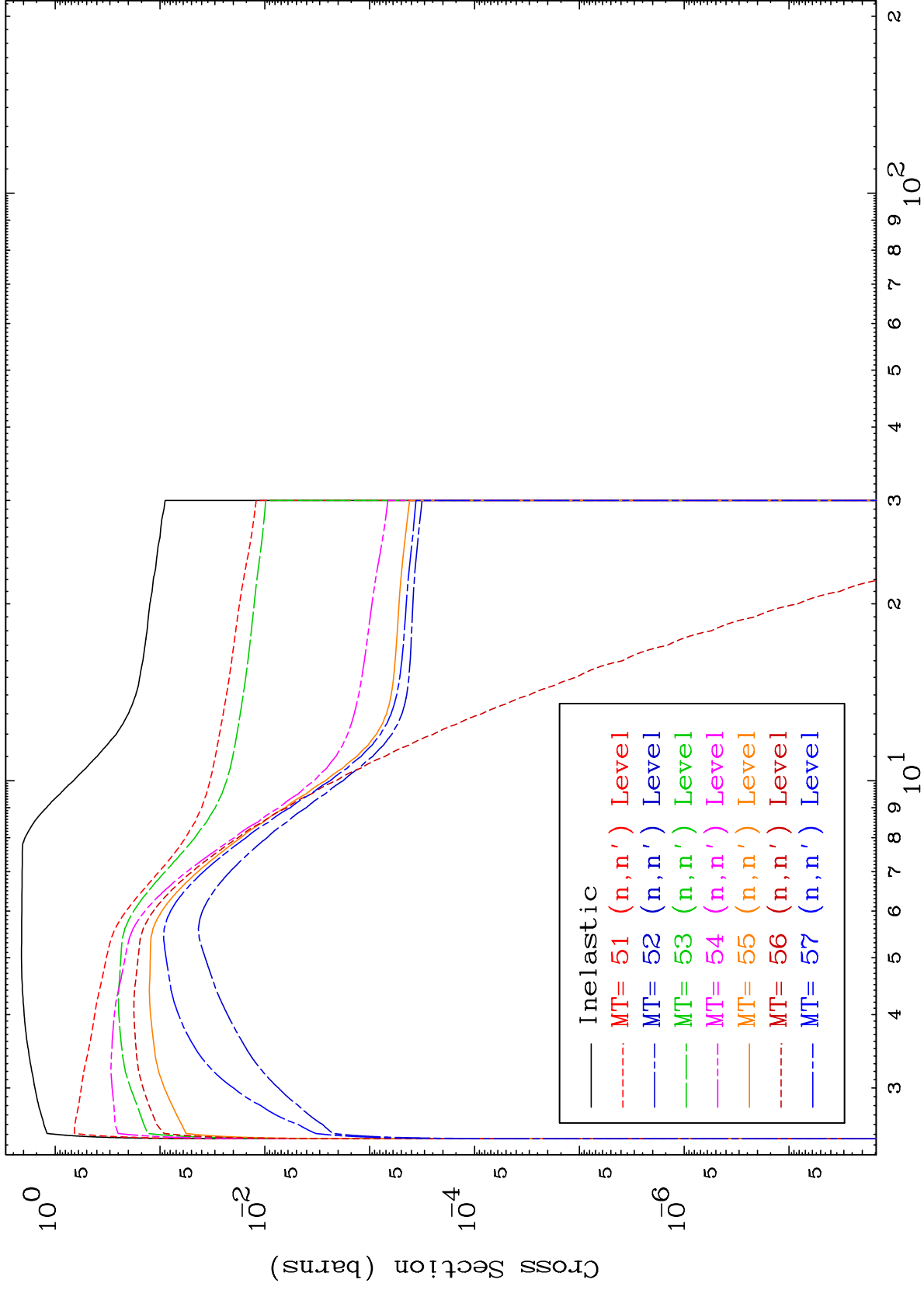




MAT 5079

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



5

Incident Energy (MeV)

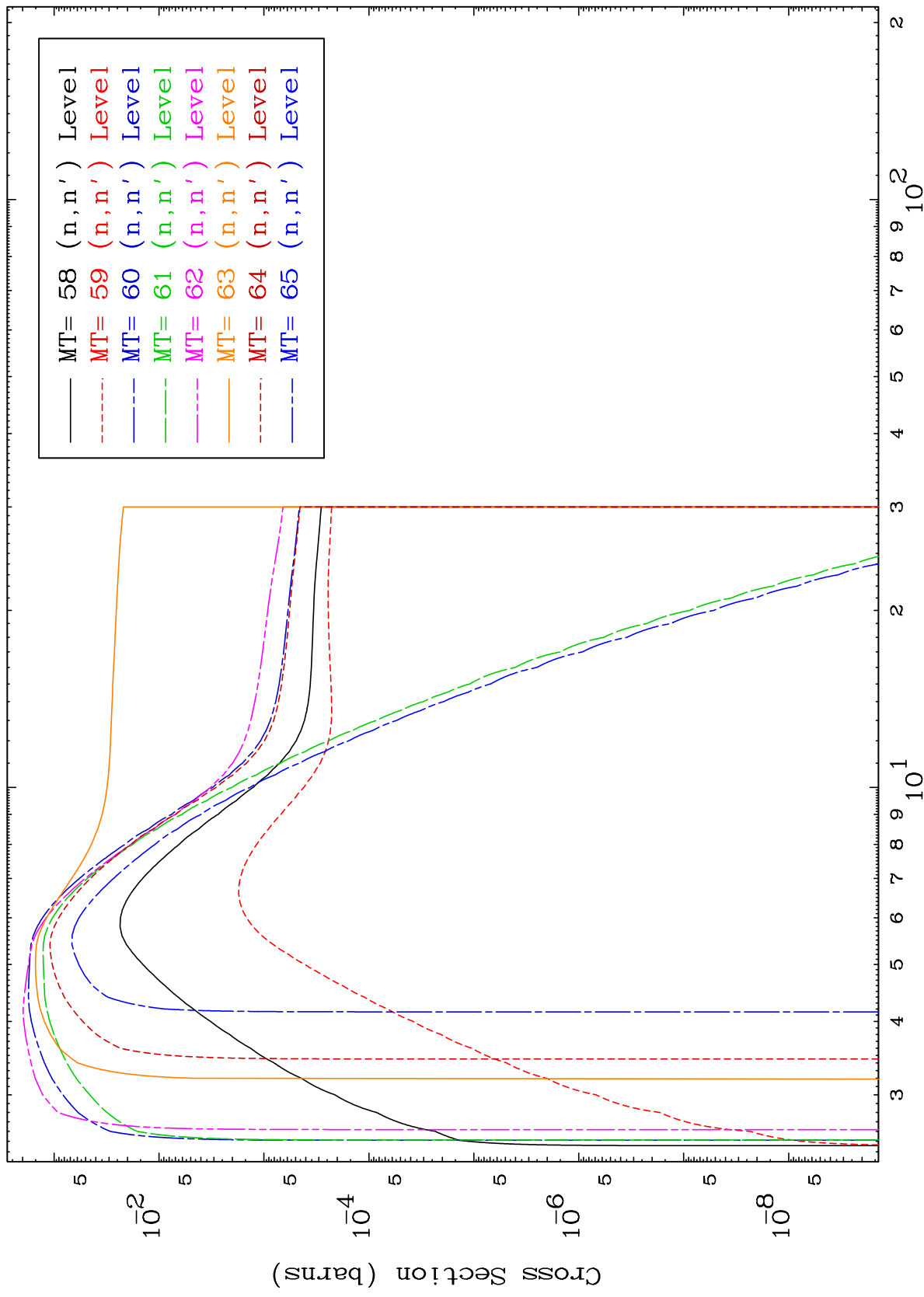
50-Sn-130

MAT 5079

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



6

Incident Energy (MeV)

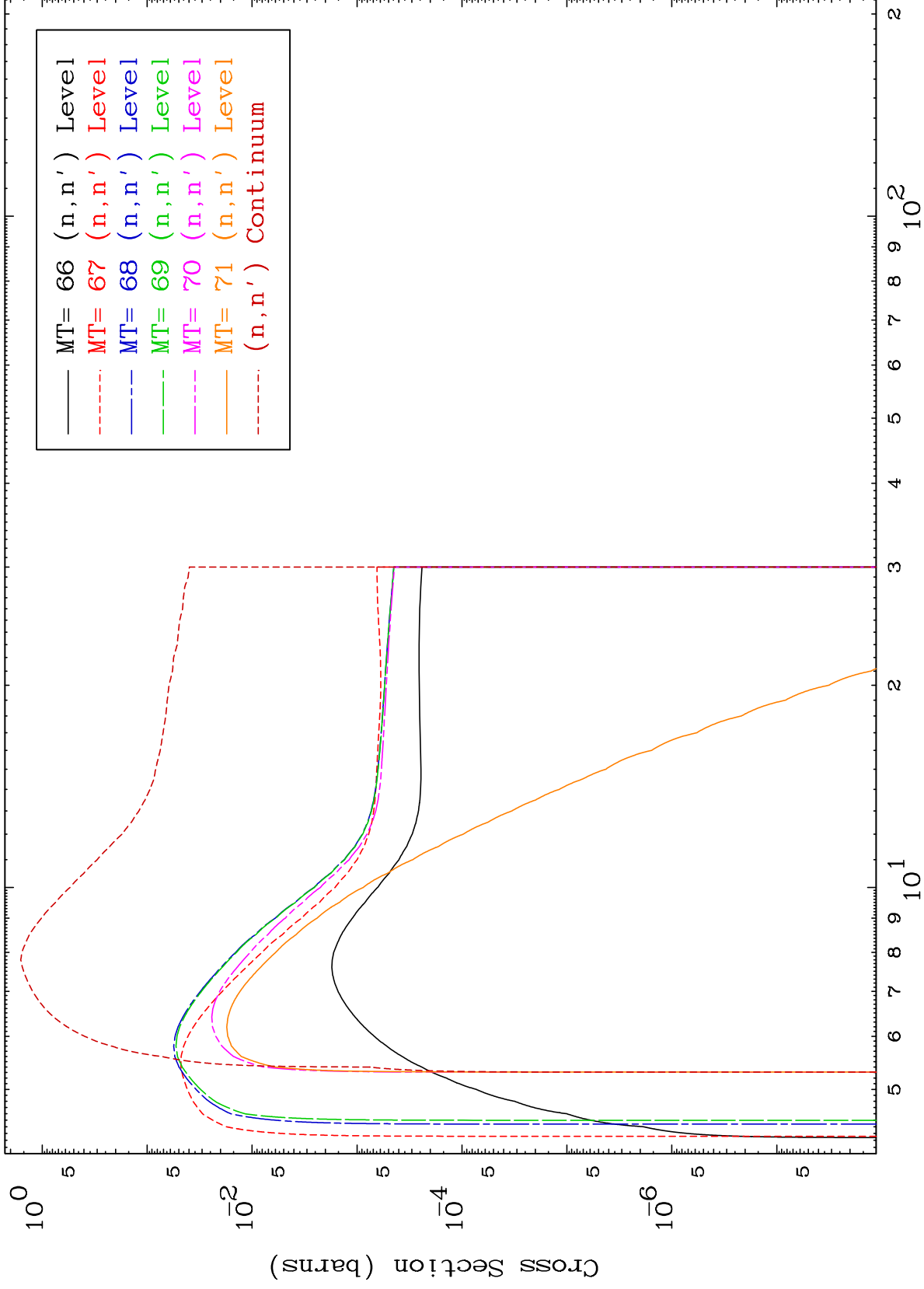
50-Sn-130

MAT 5079

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



7

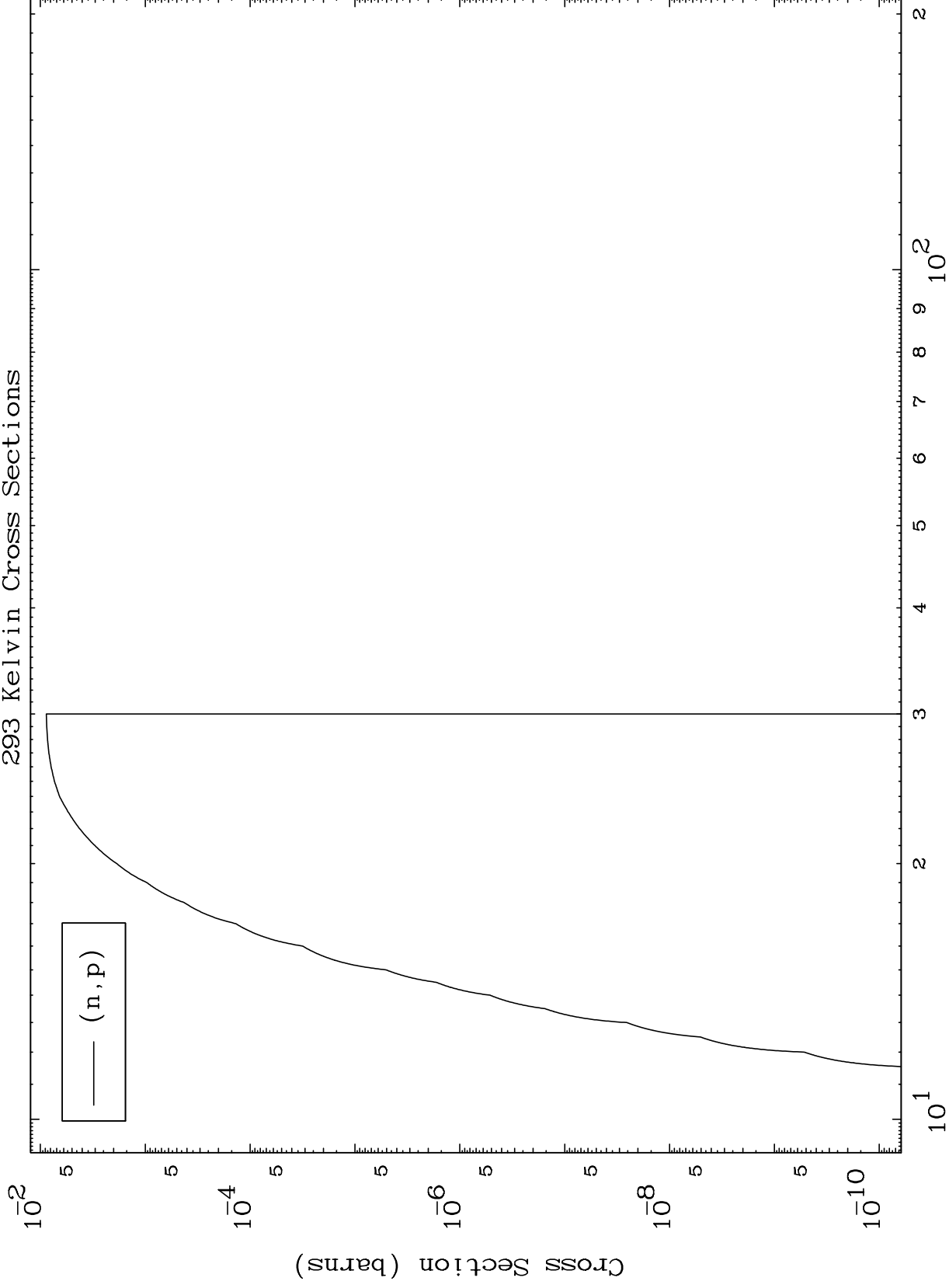
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130



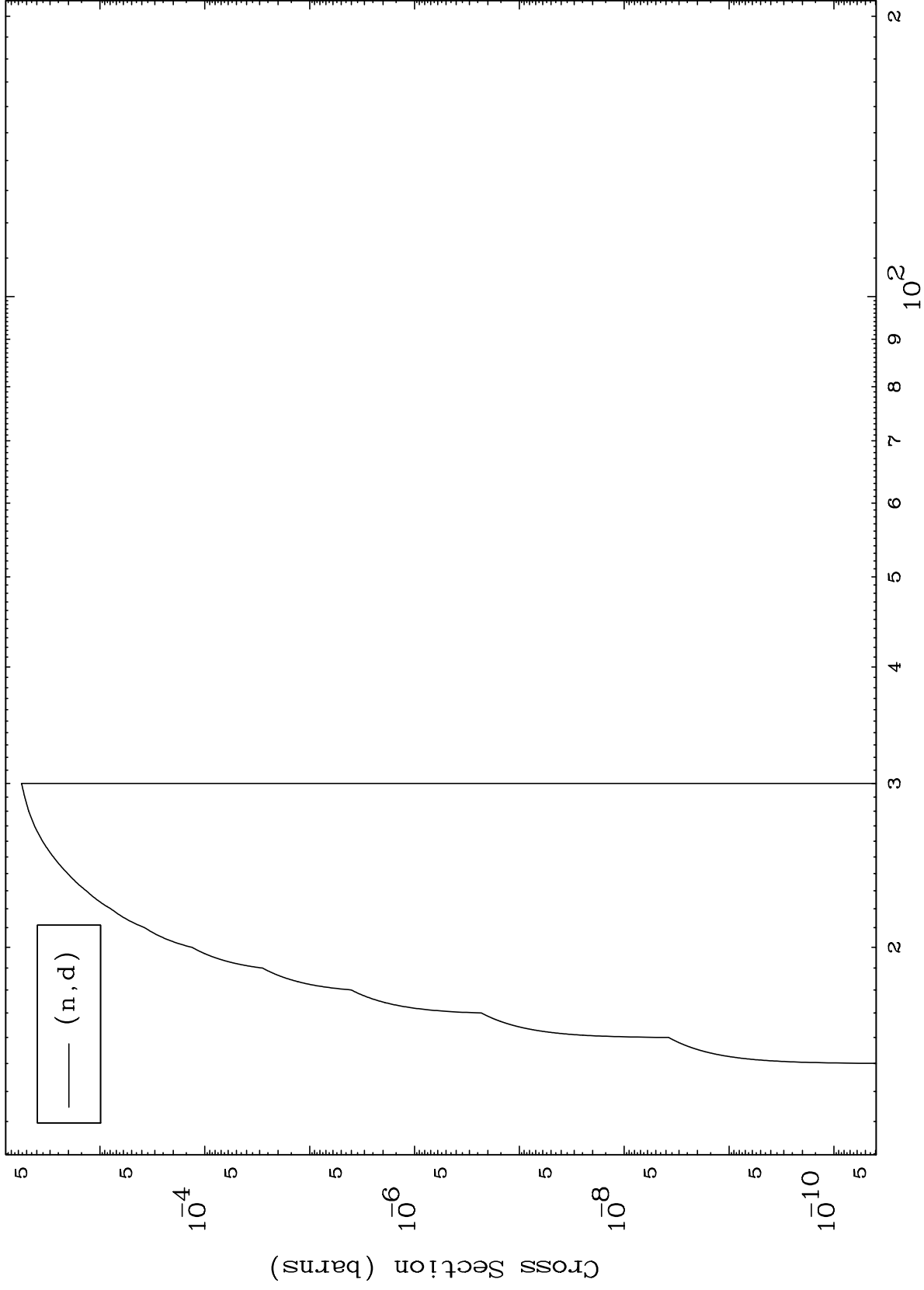
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,d) Levels
293 Kelvin Cross Sections

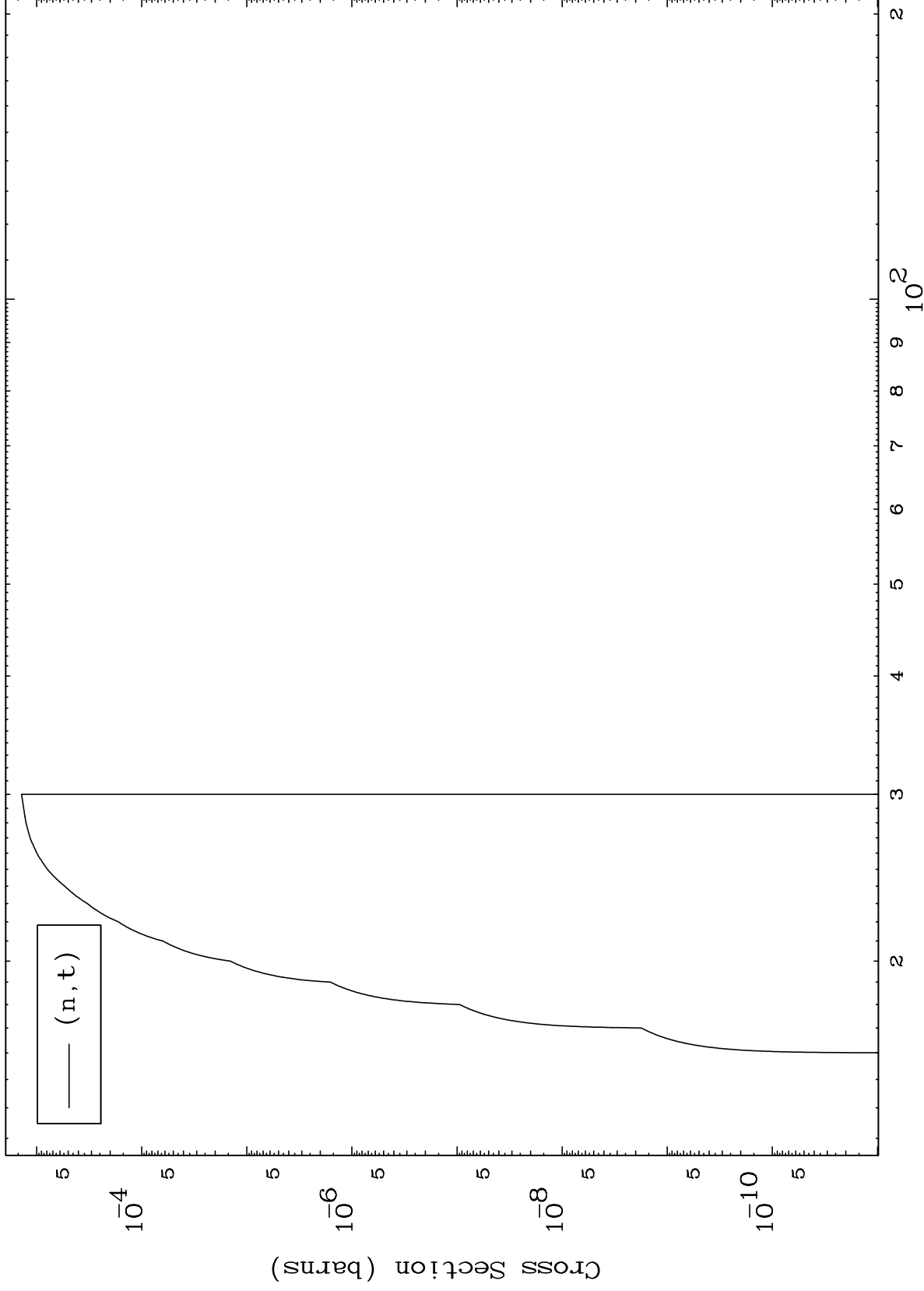
50-Sn-130



MAT 5079

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



10

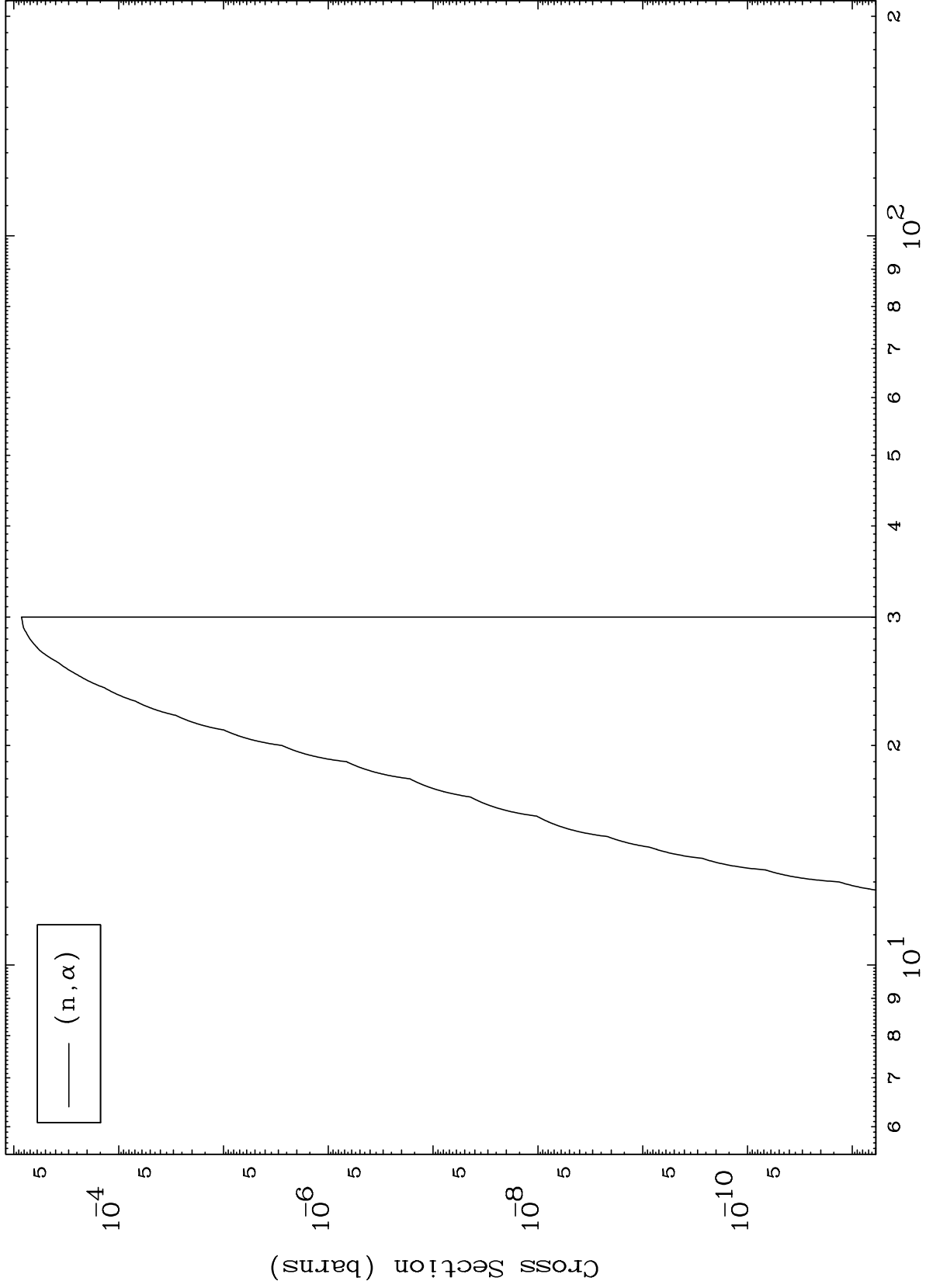
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n, α) Levels
293 Kelvin Cross Sections

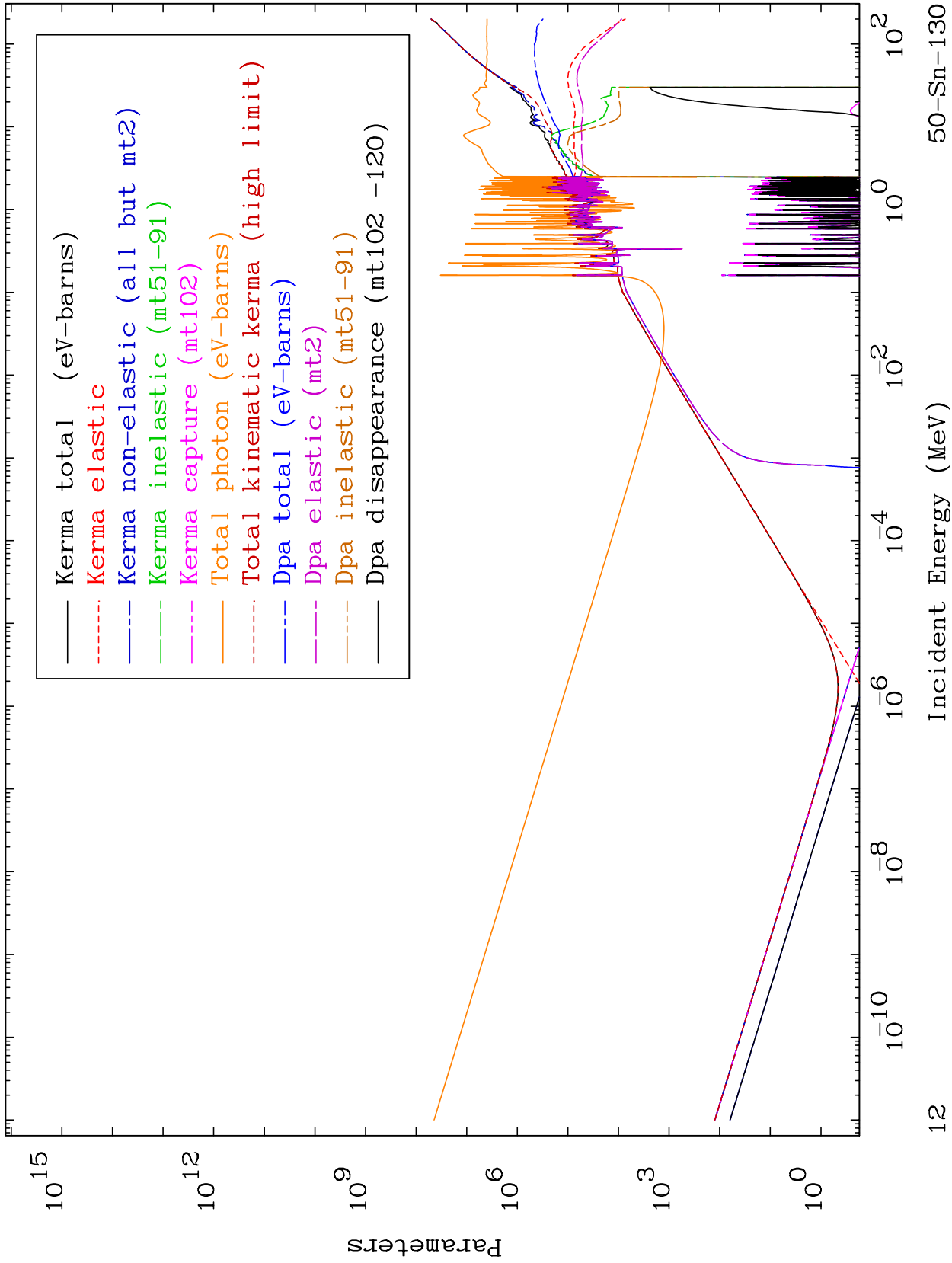
50-Sn-130



11

Incident Energy (MeV)

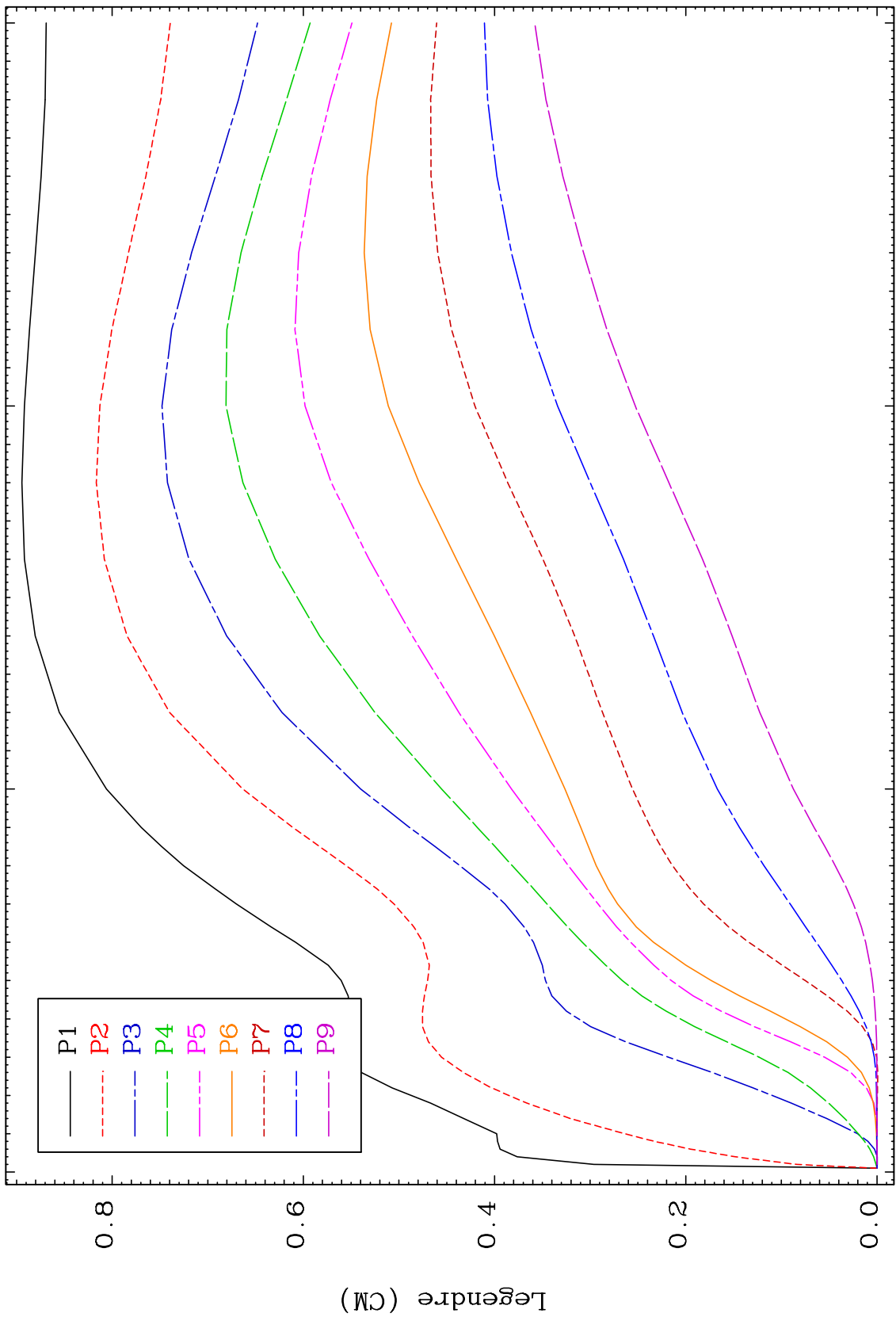
50-Sn-130



MAT 5079

Elastic Legendre Coefficients

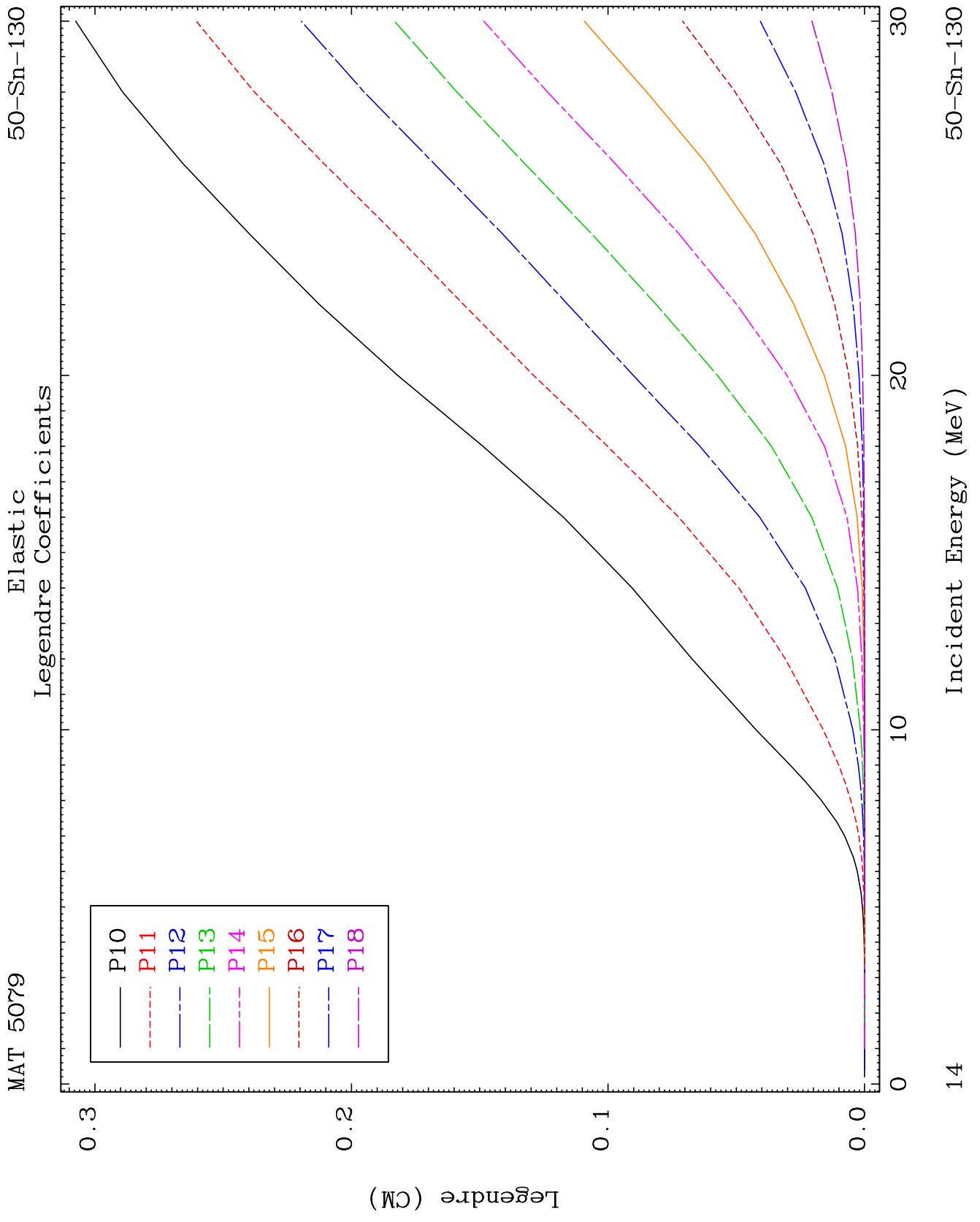
50-Sn-130



13

Incident Energy (MeV)

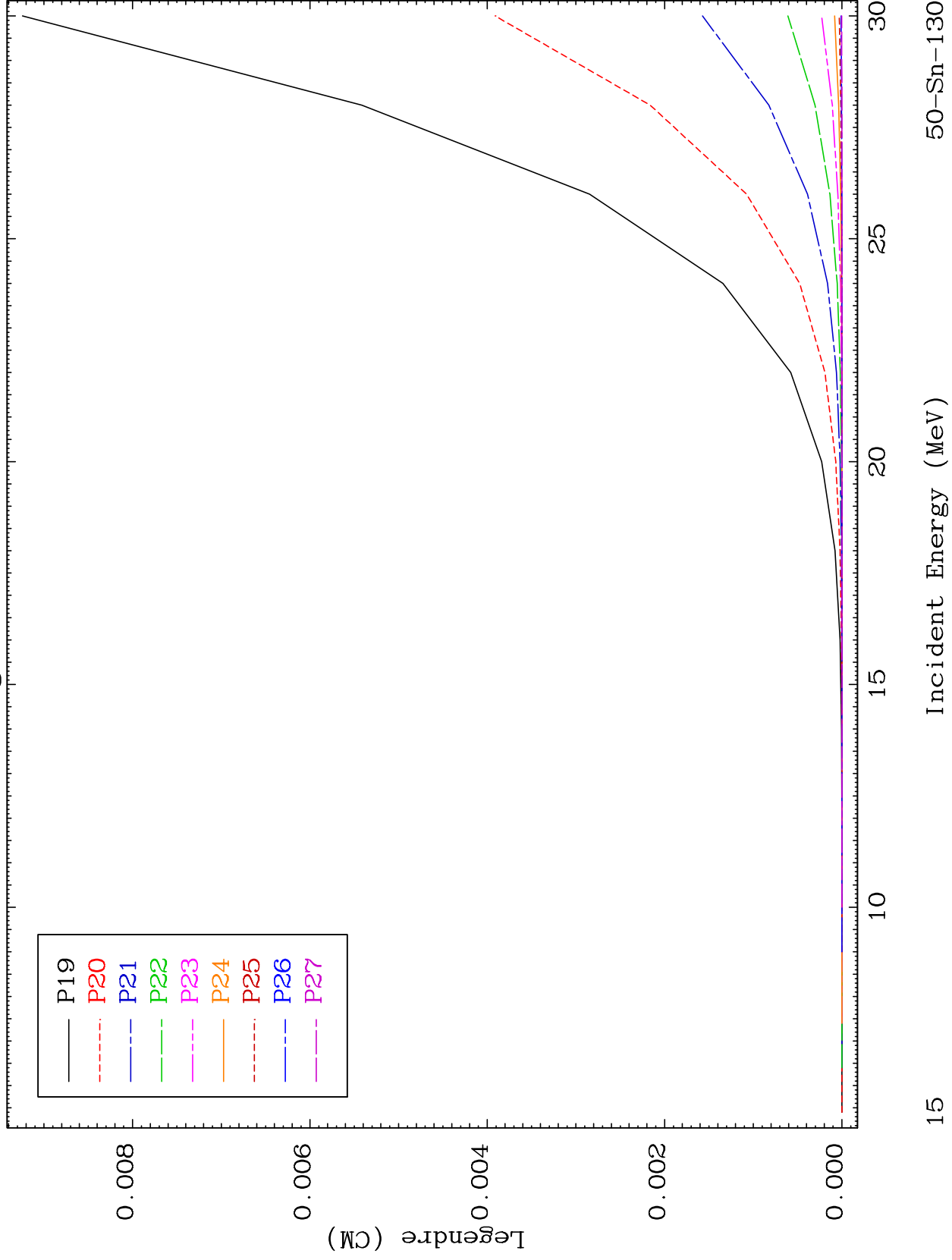
50-Sn-130



MAT 5079

Elastic Legendre Coefficients

50-Sn-130



15

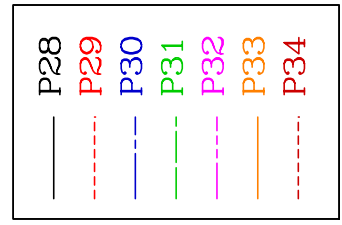
Incident Energy (MeV)

50-Sn-130

MAT 5079

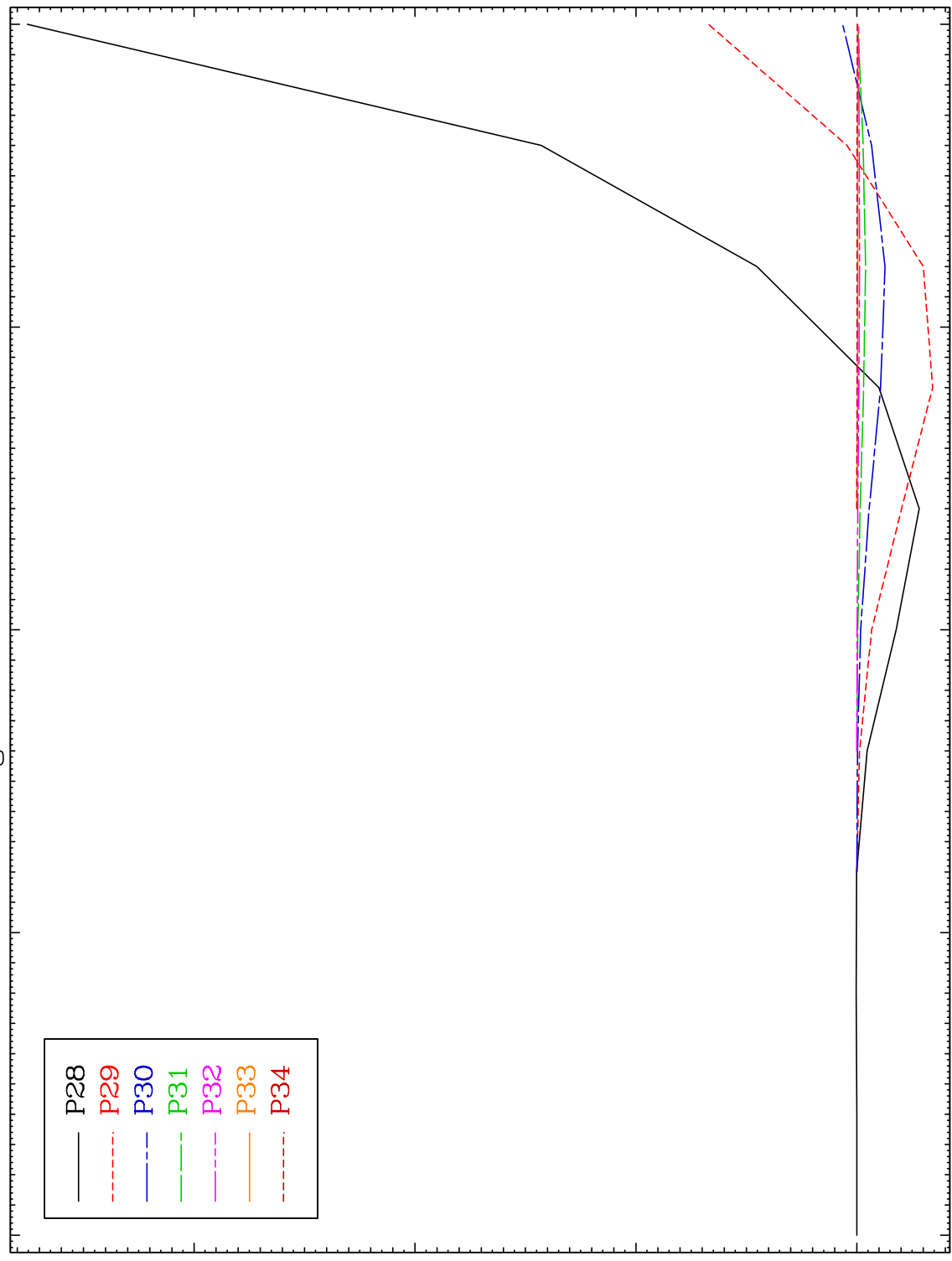
Elastic
Legendre Coefficients

50-Sn-130



$\times 10^{-7}$

Legendre (CM)



30

25

20

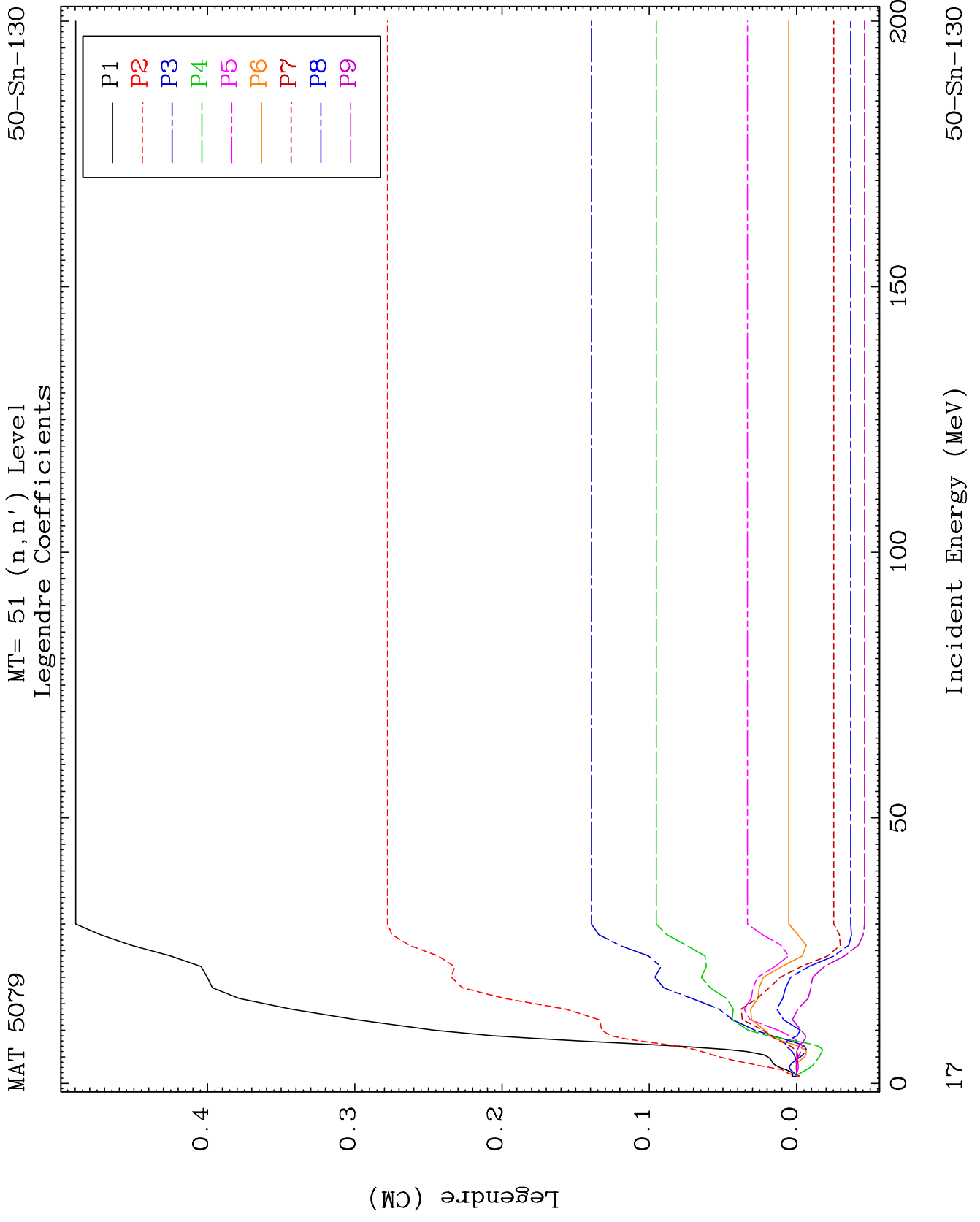
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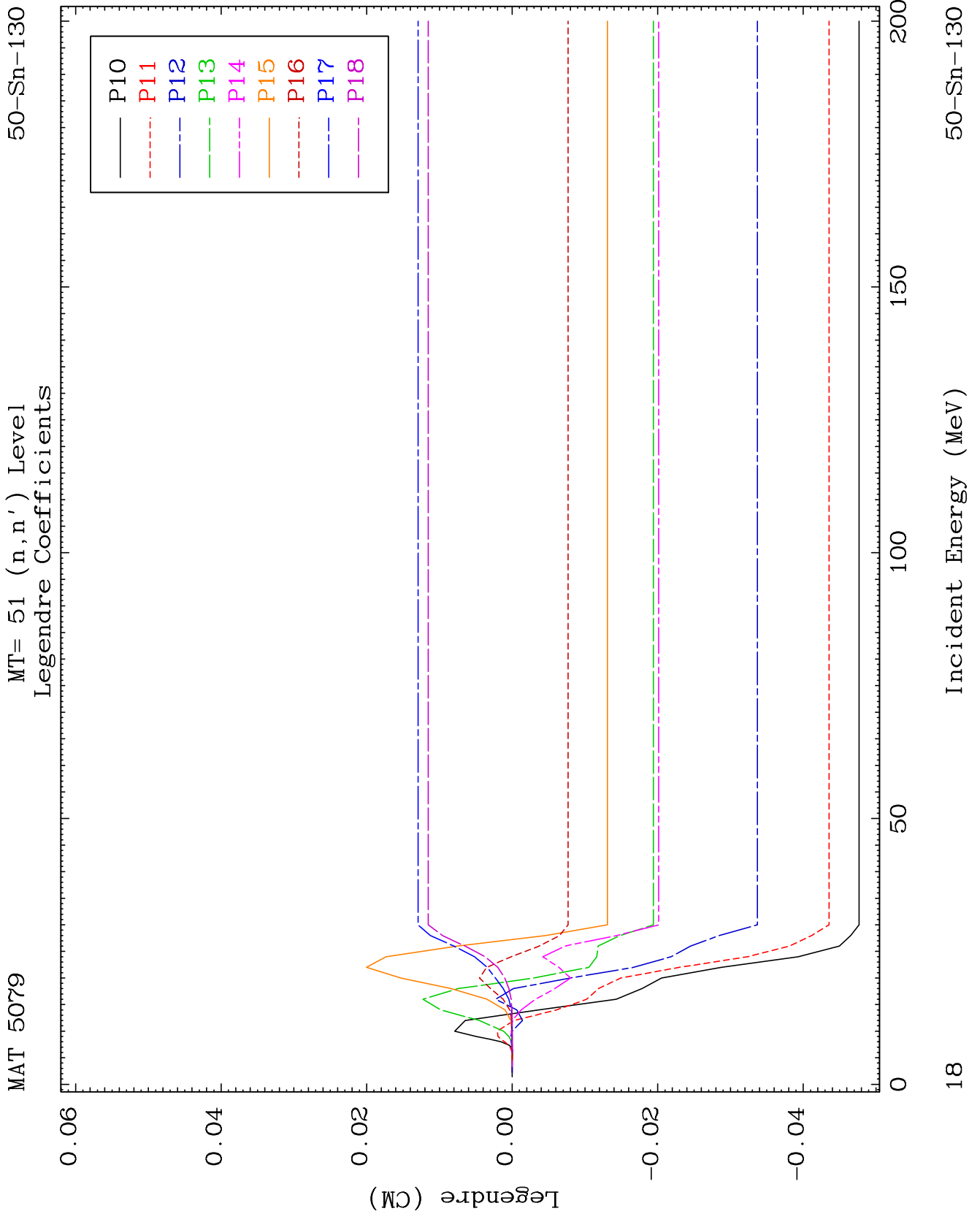
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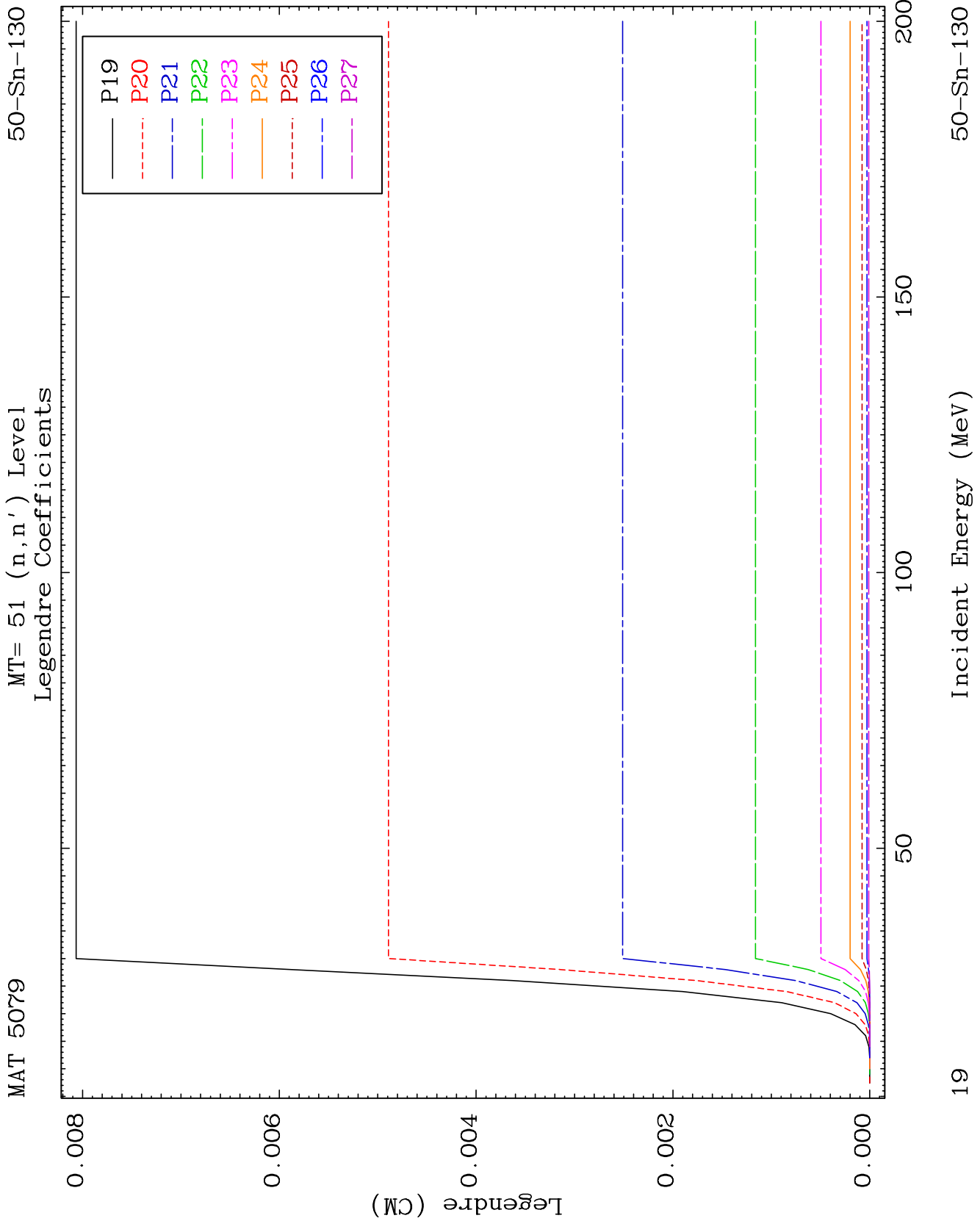
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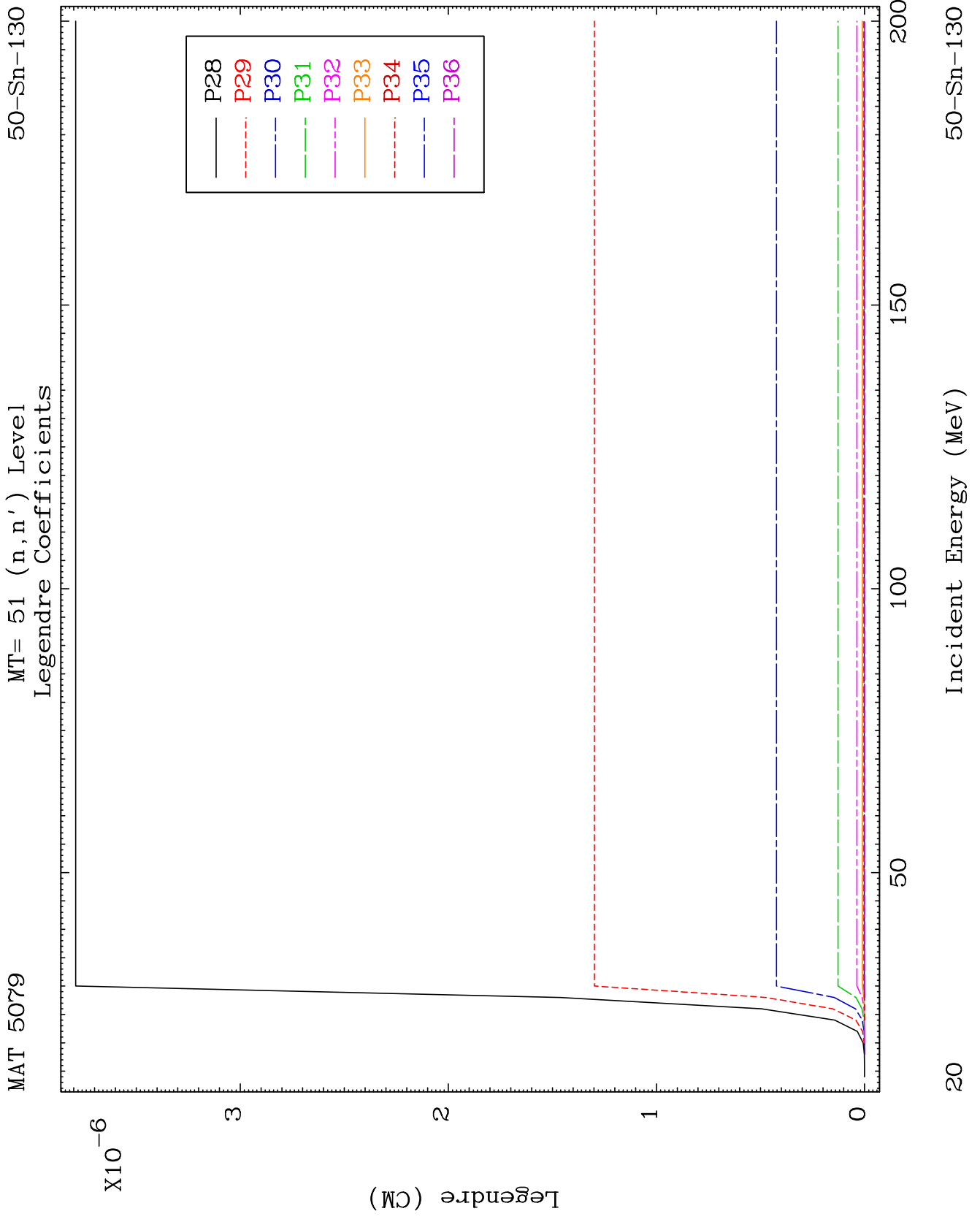
50-Sn-130

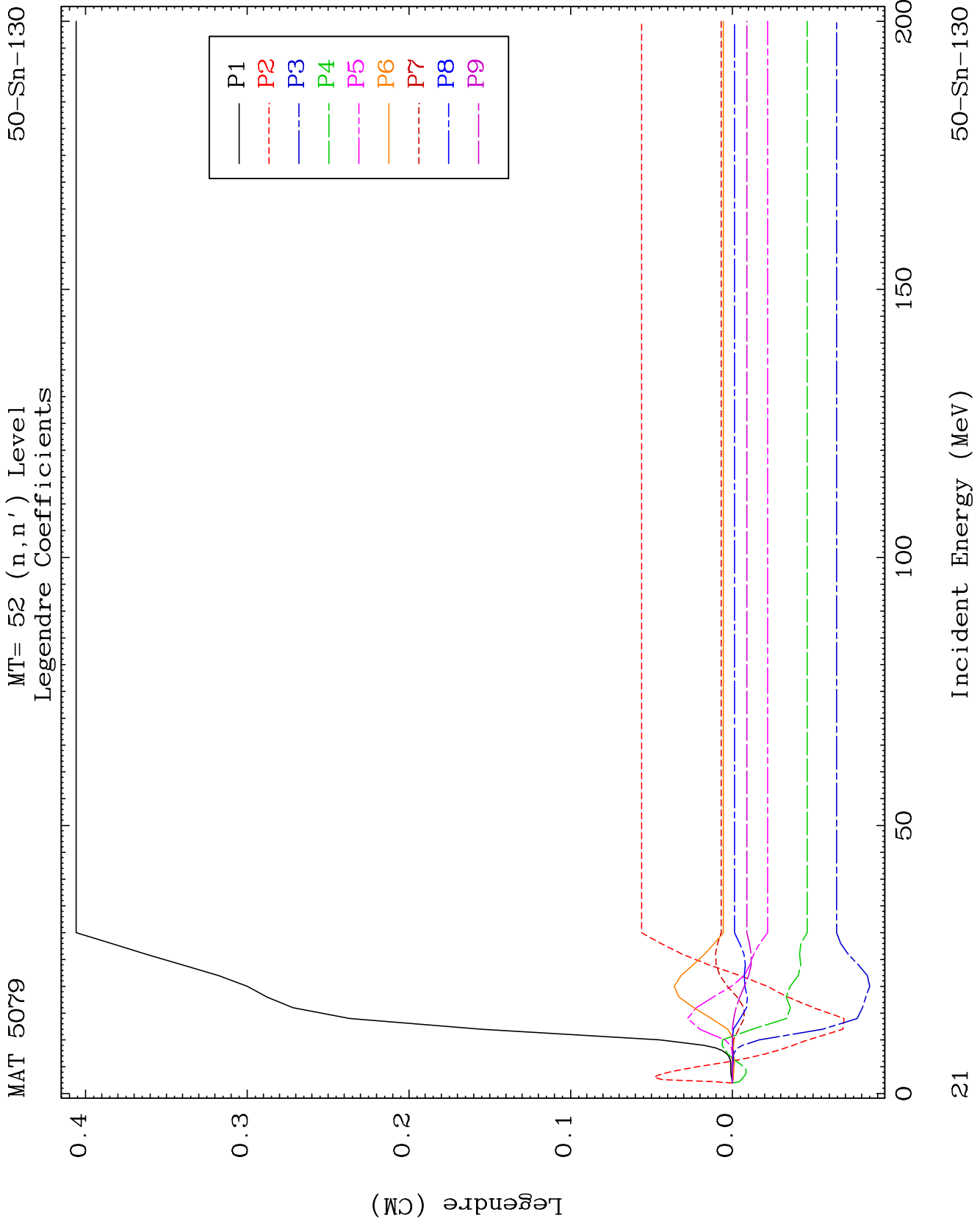
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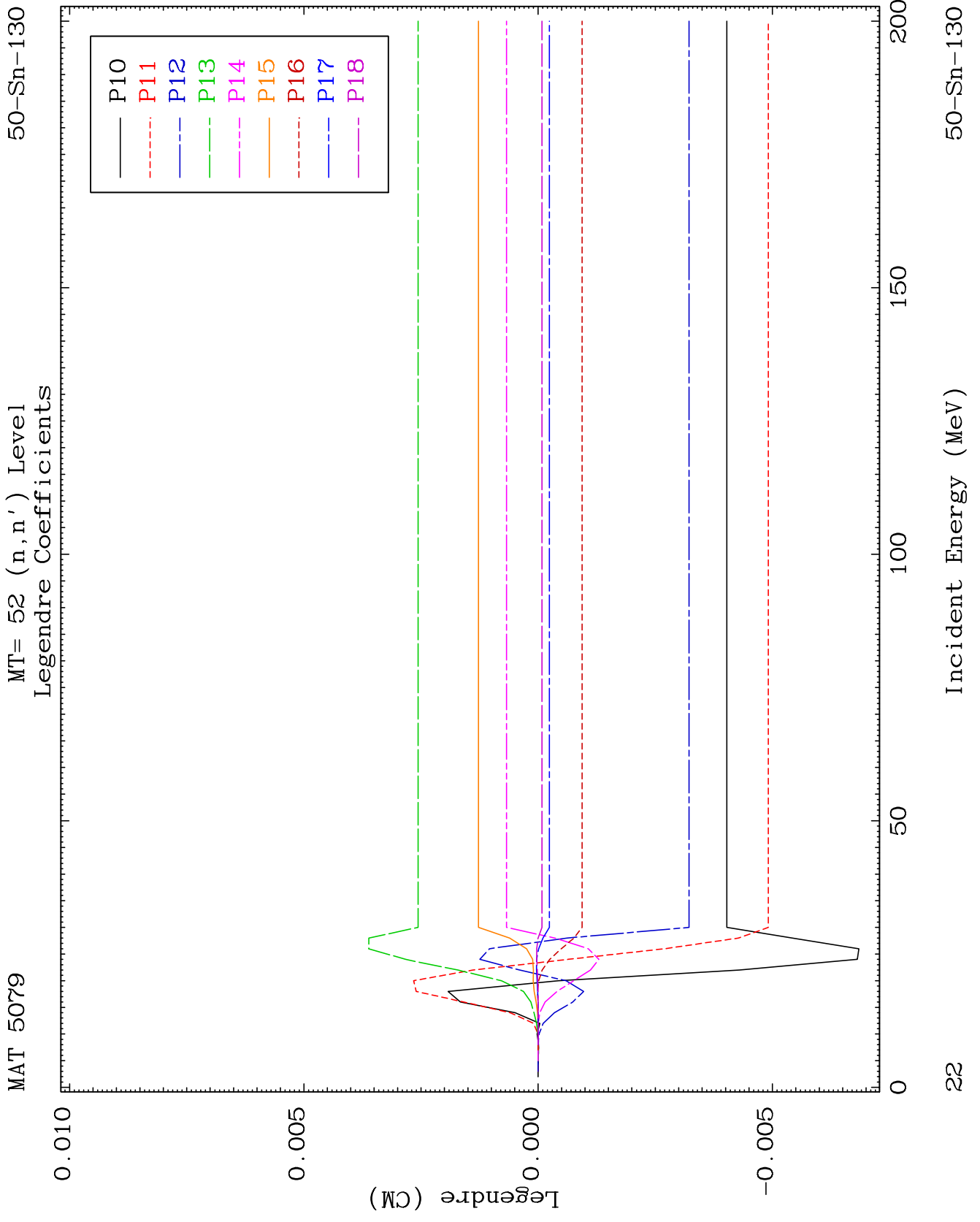


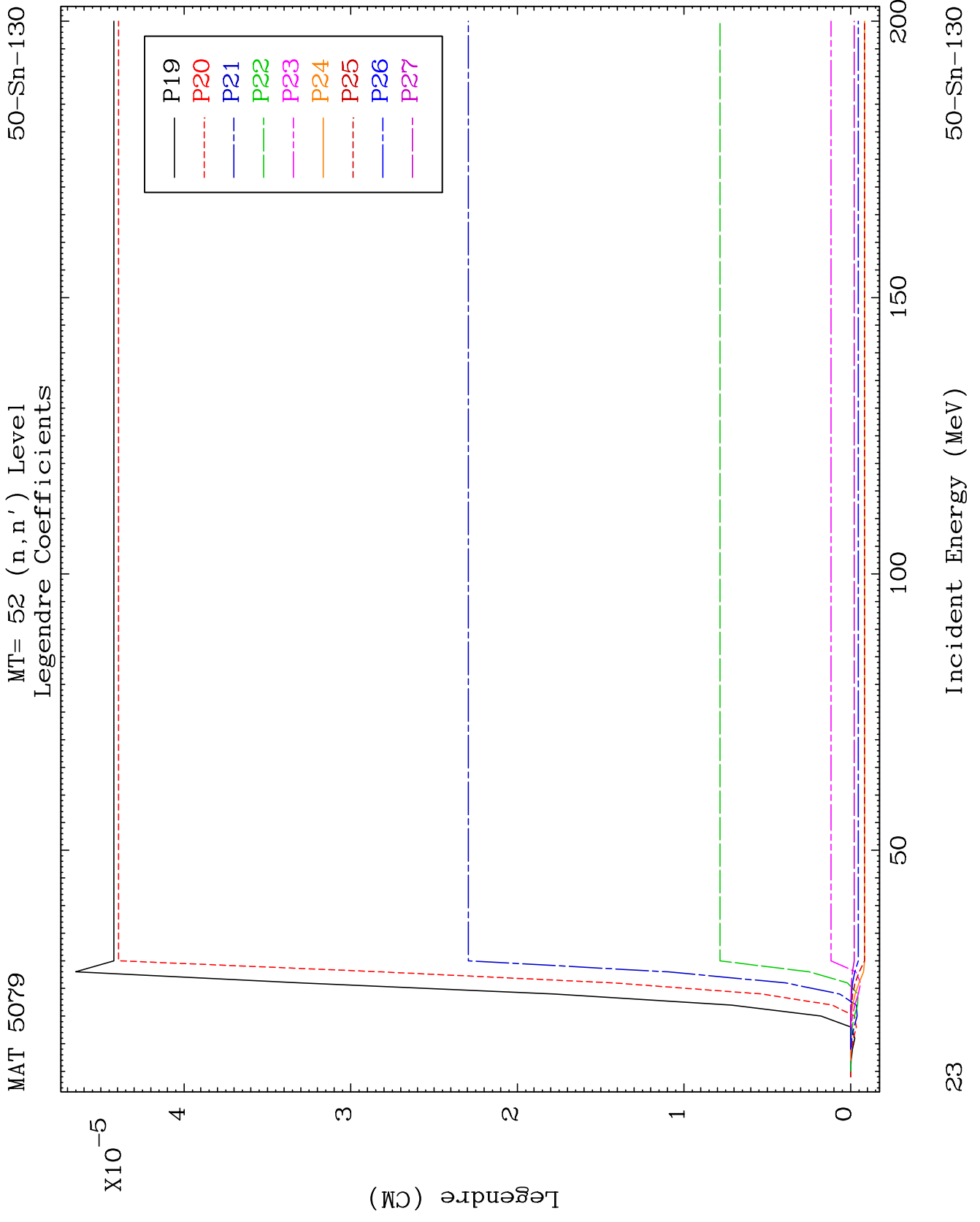


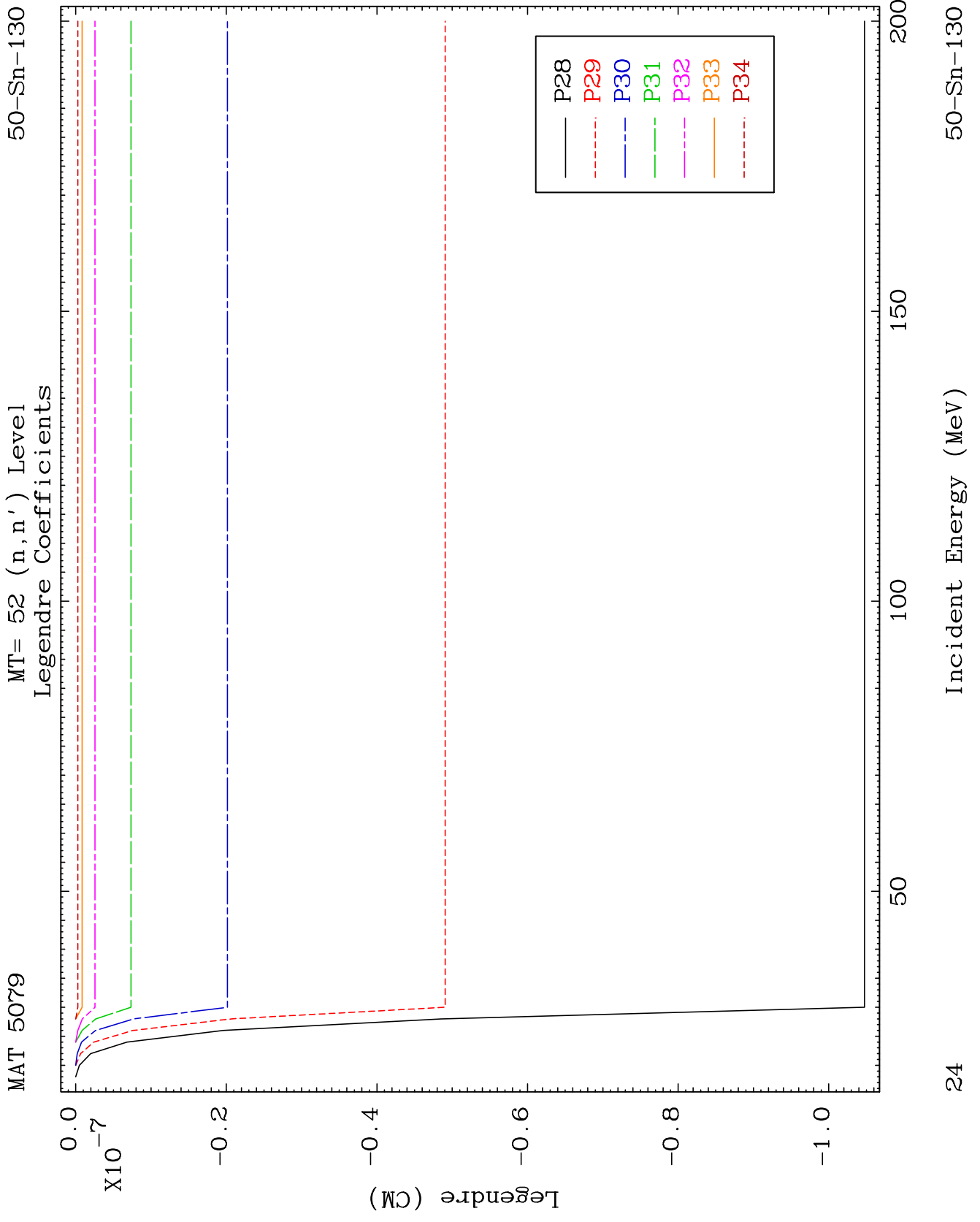








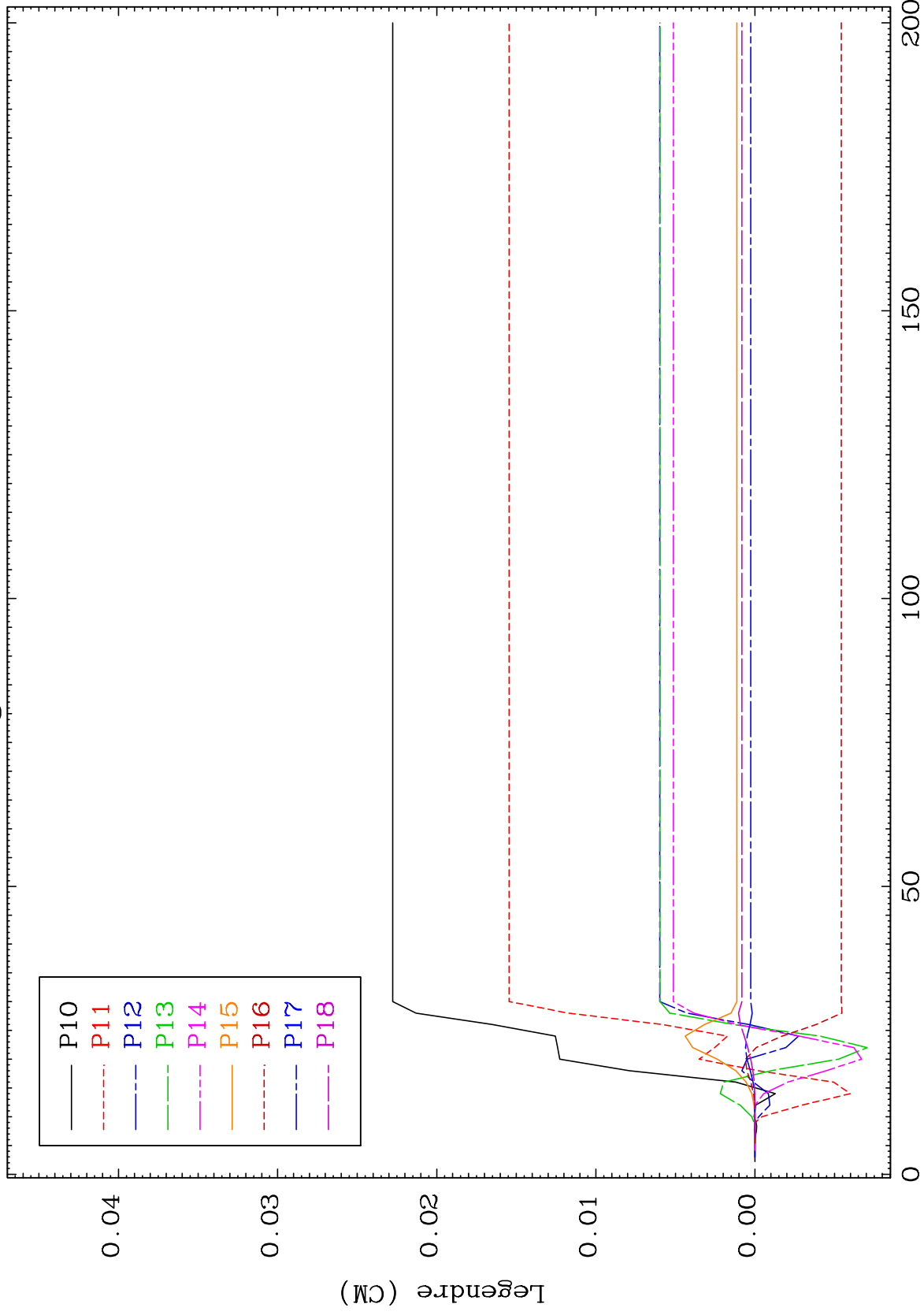




MAT 5079

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

50-Sn-130



26

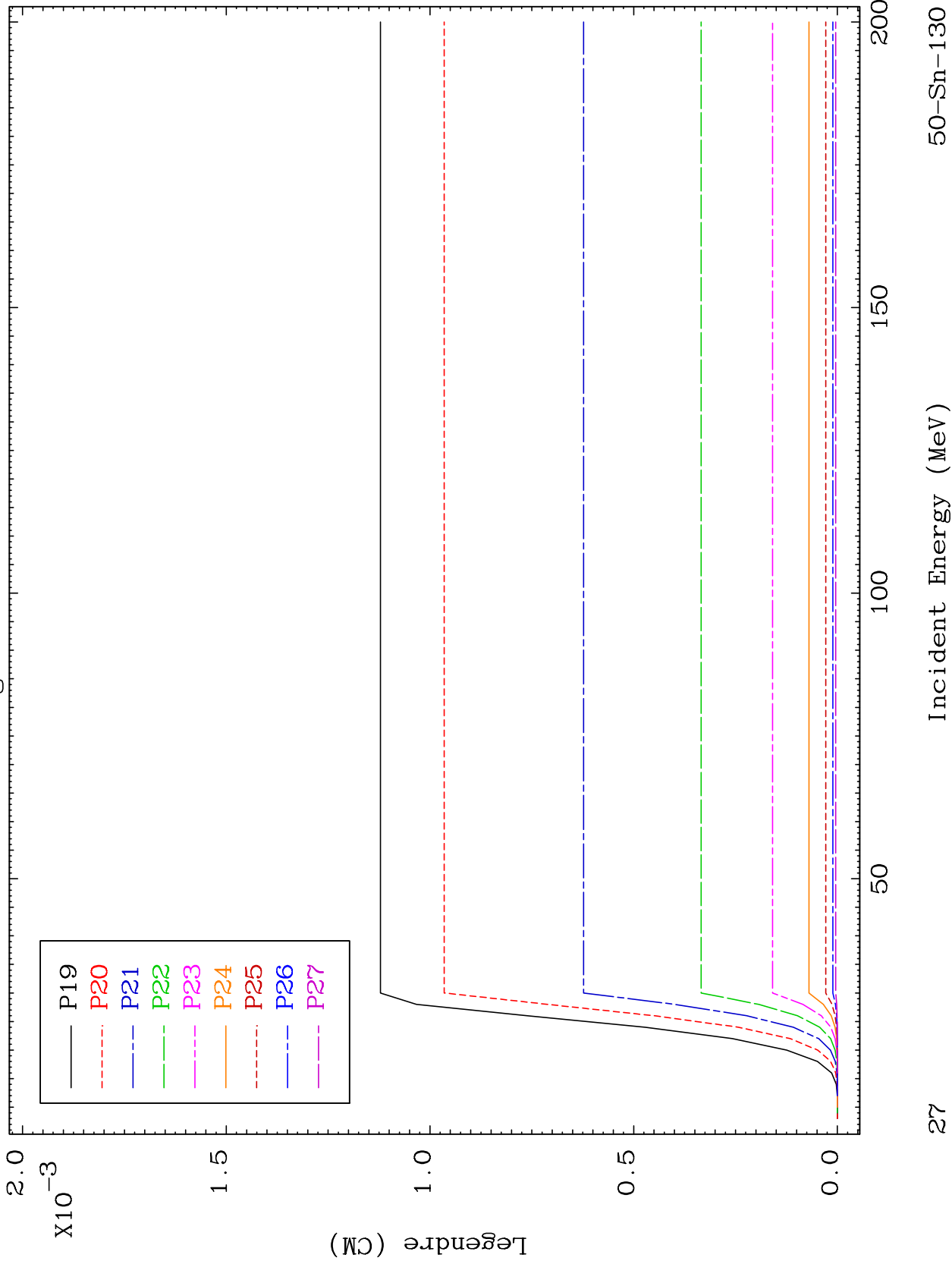
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

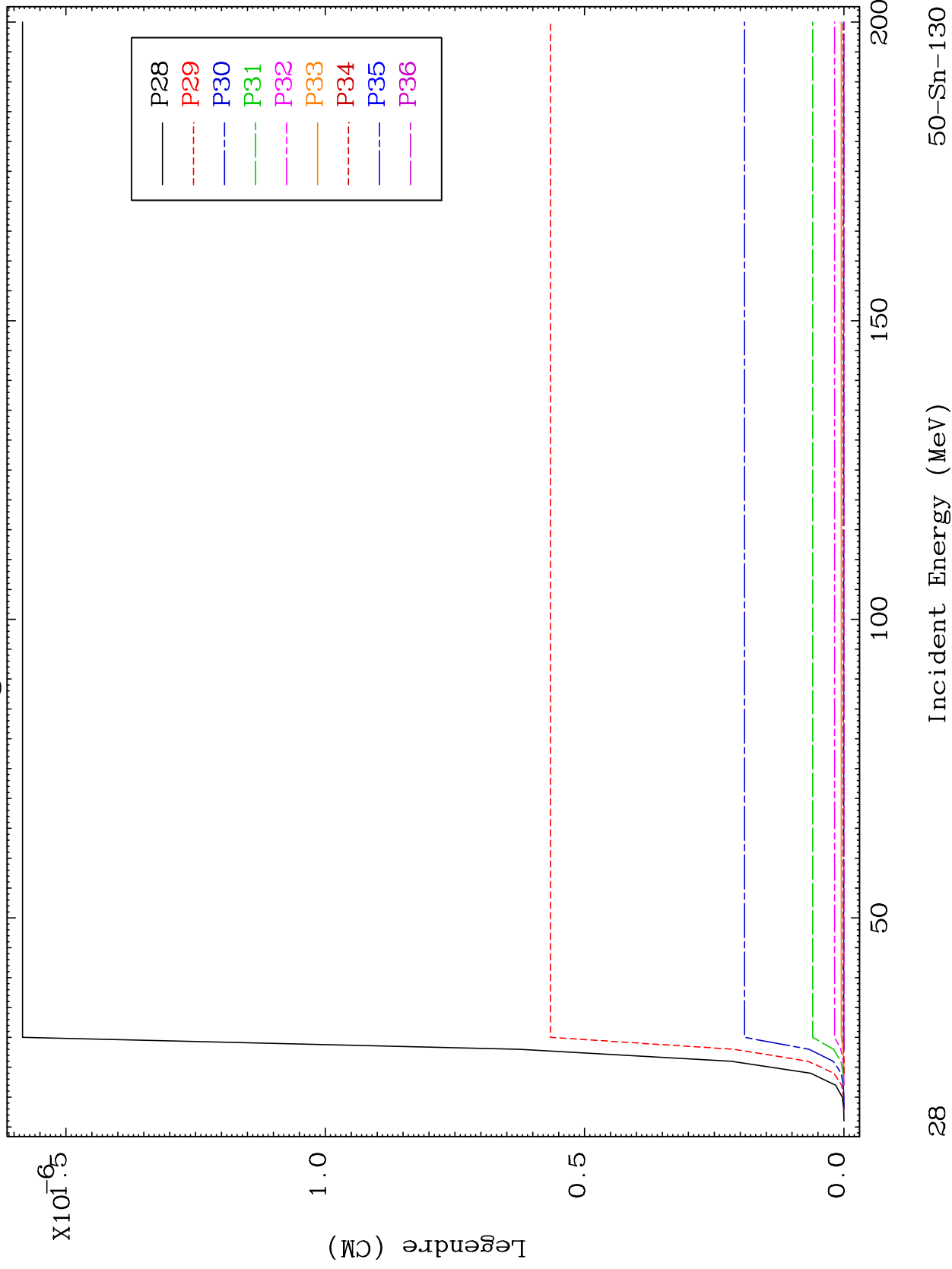
50-Sn-130

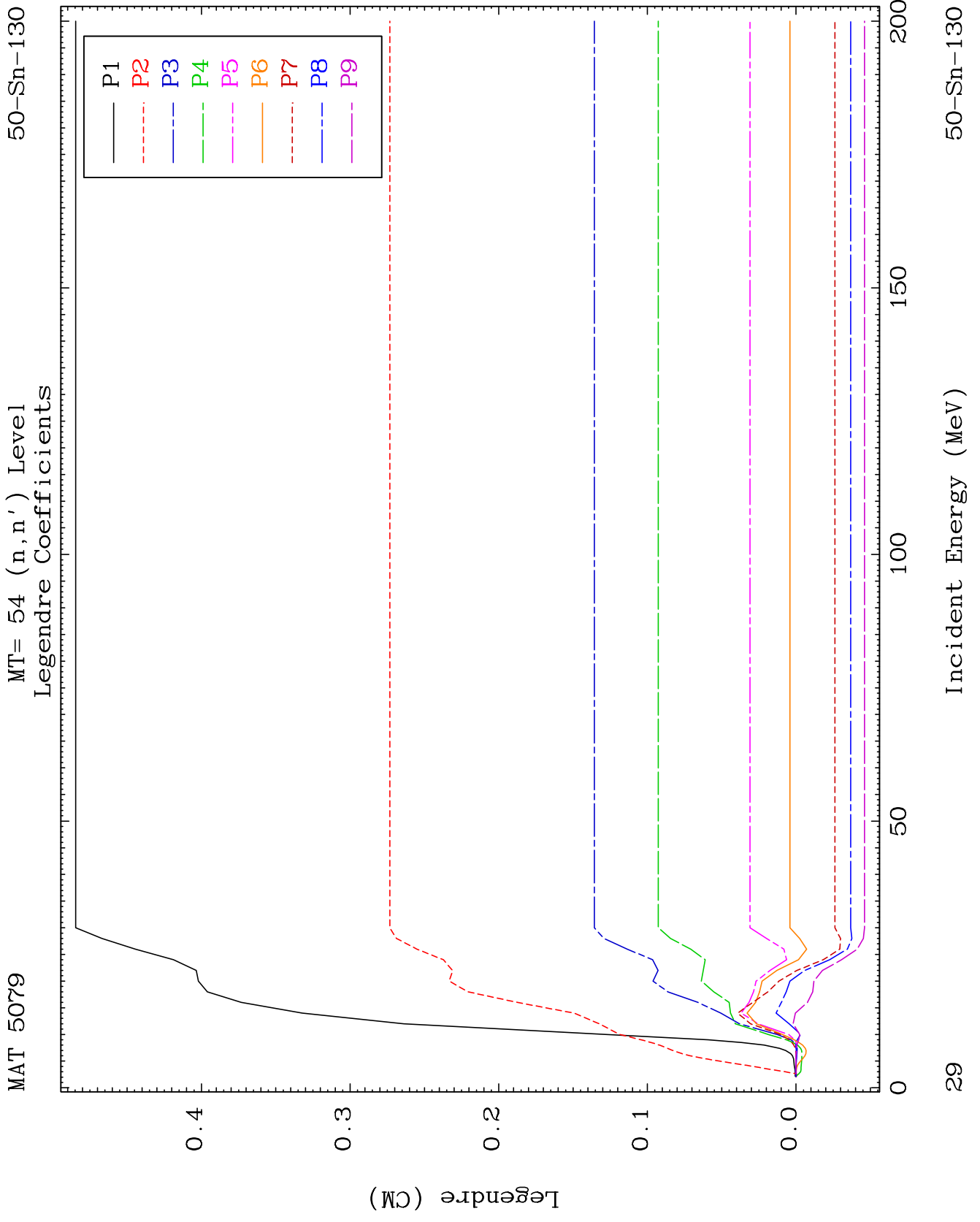


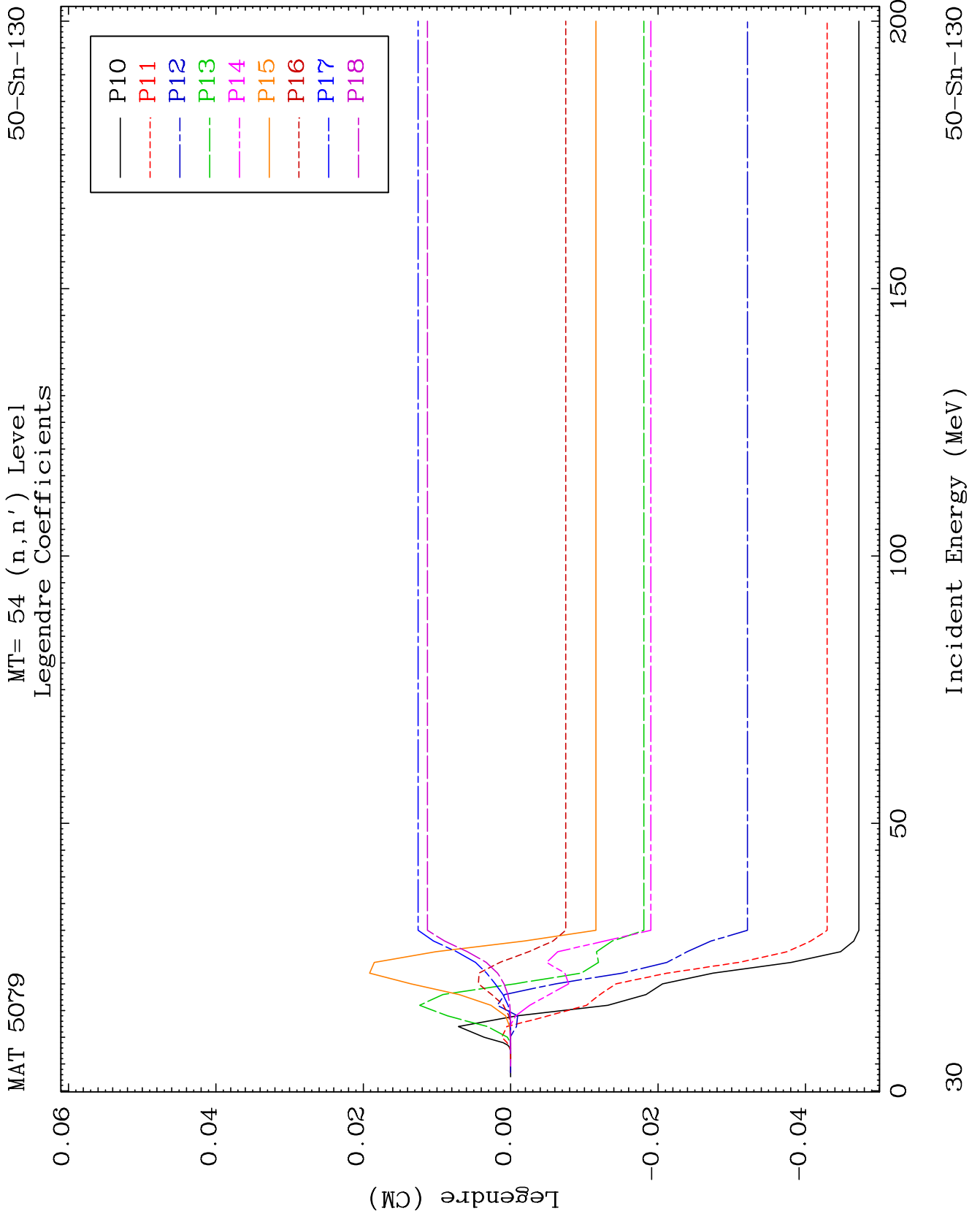
MAT 5079

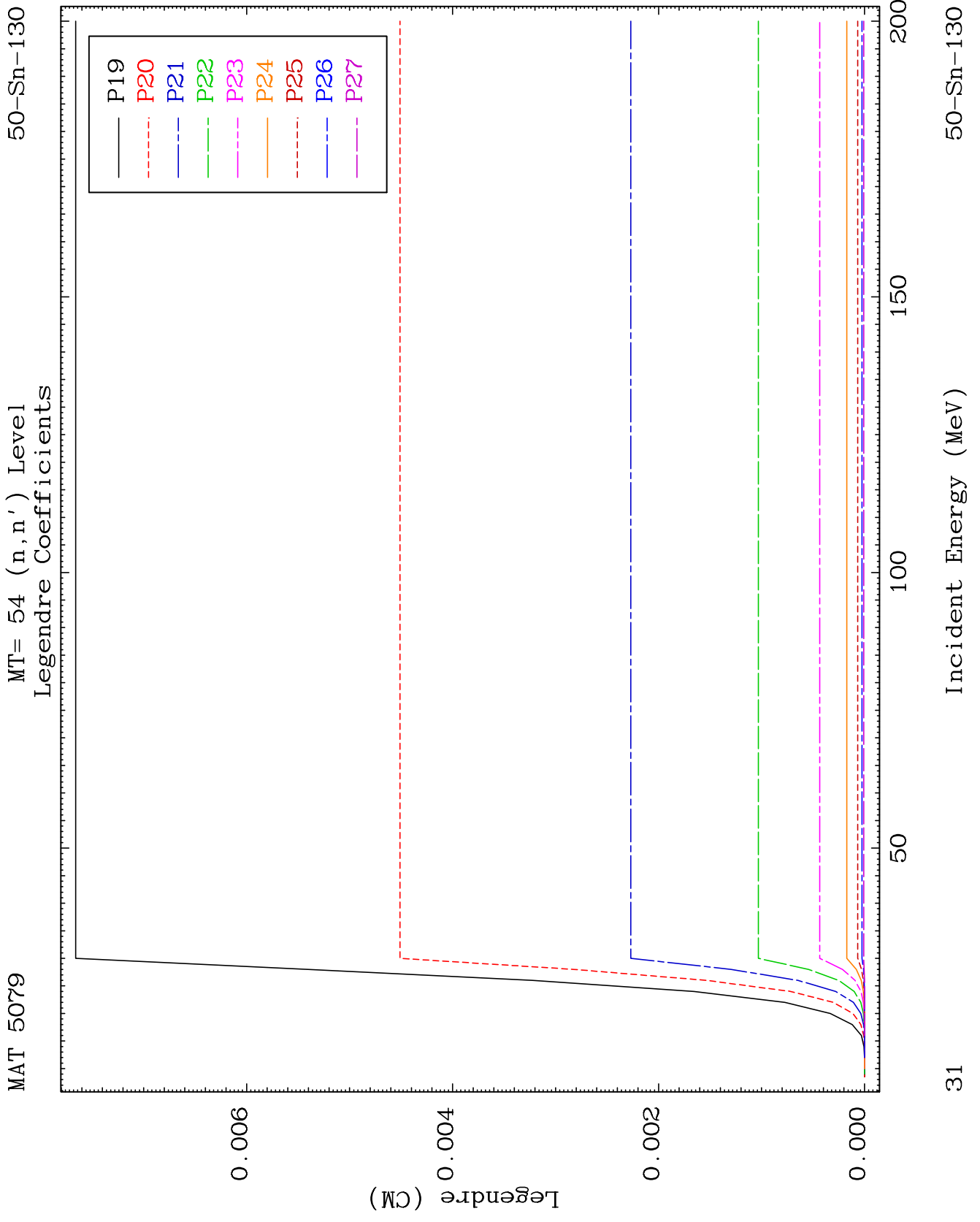
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-130





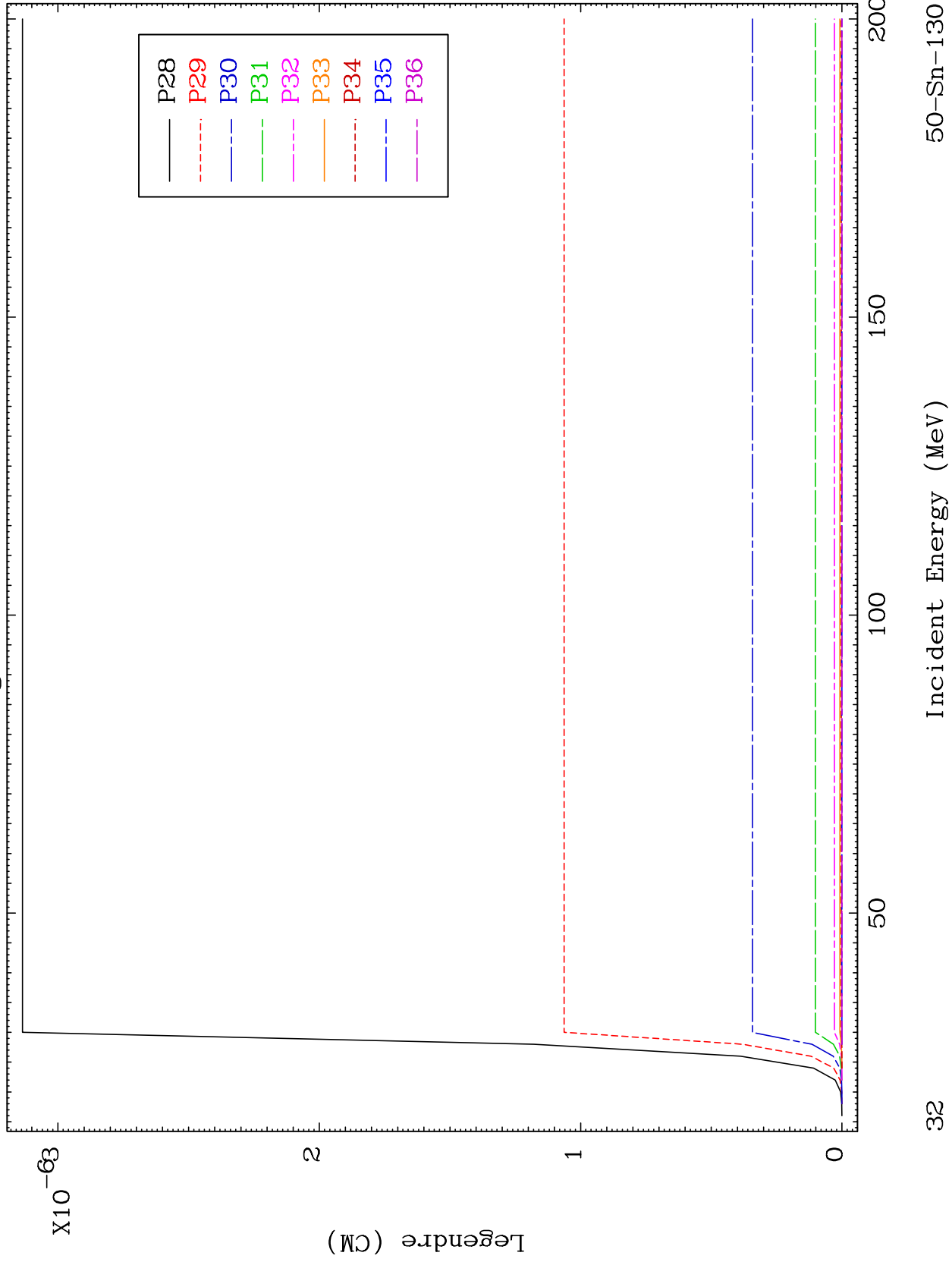




MAT 5079

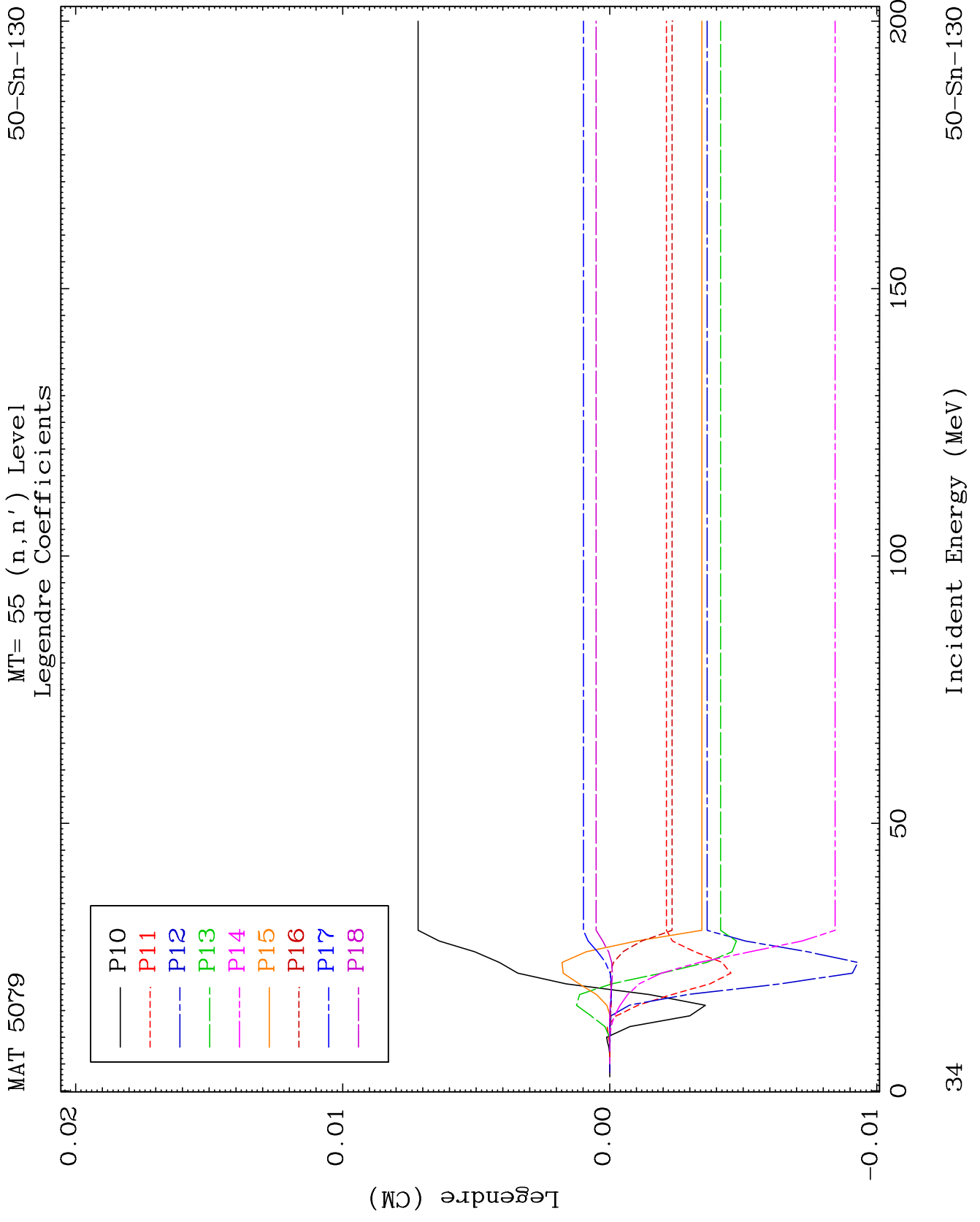
MT= 54 (n,n') Level
Legendre Coefficients

50-Sn-130



32

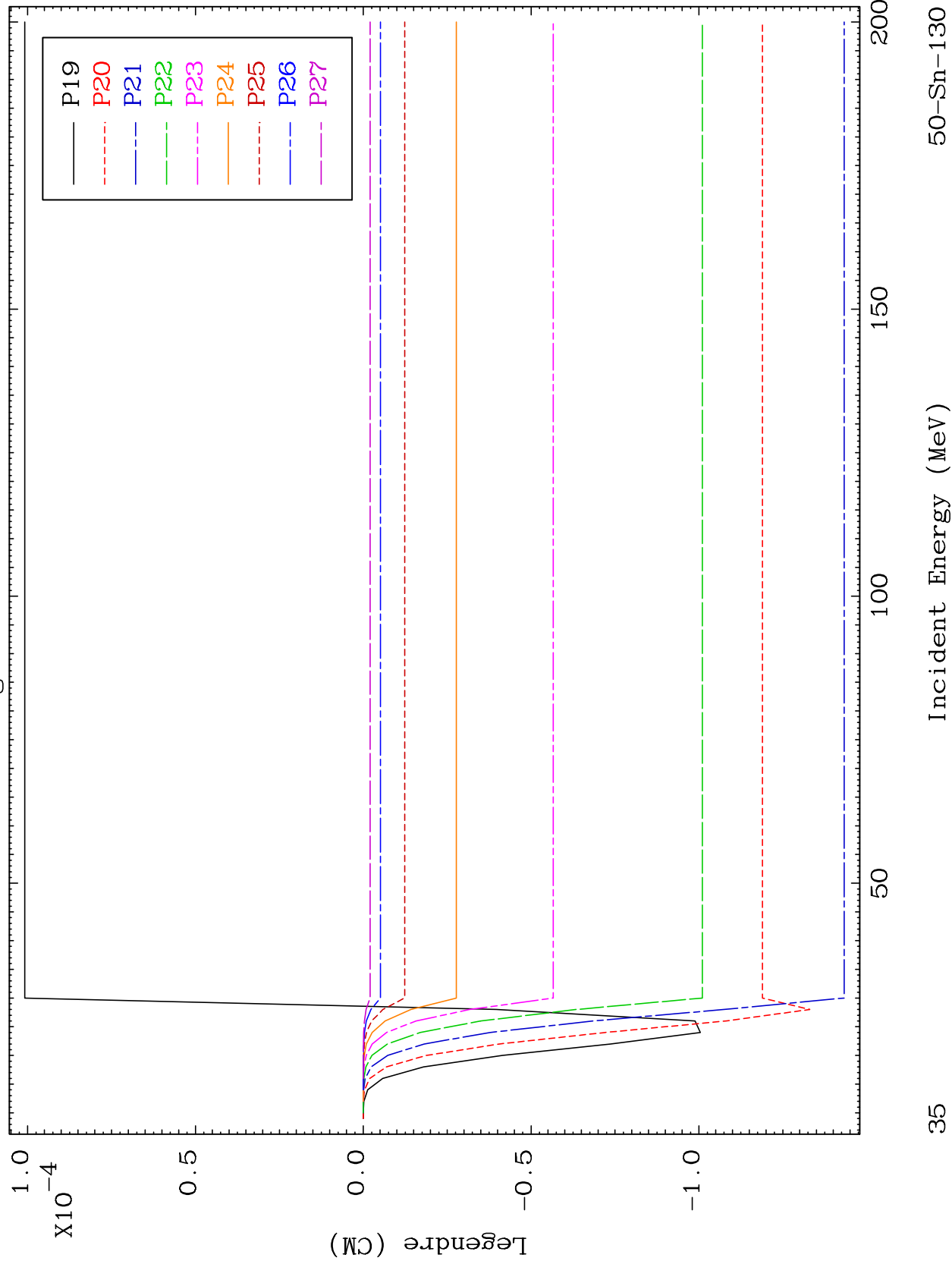
50-Sn-130



MAT 5079

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

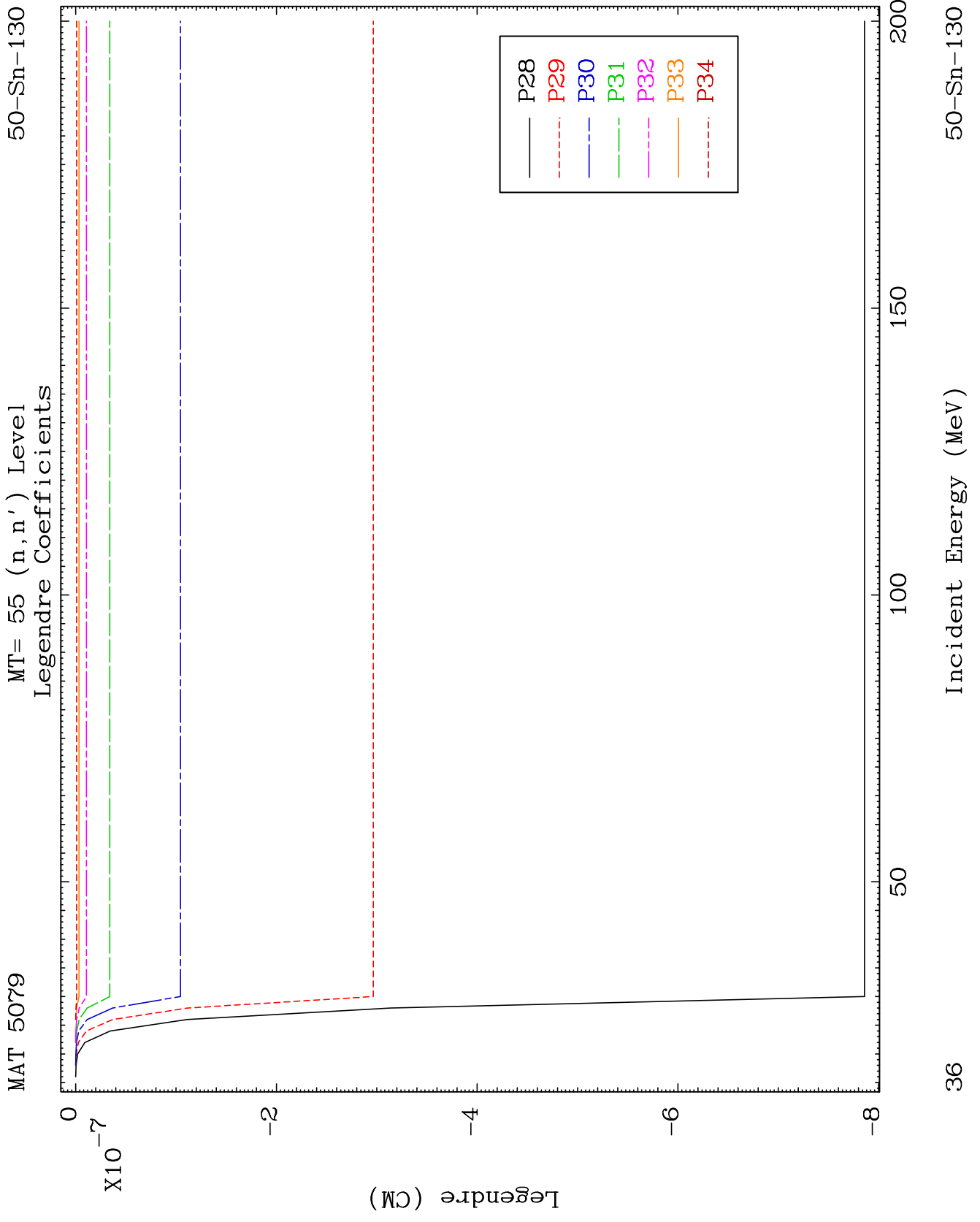
50-Sn-130

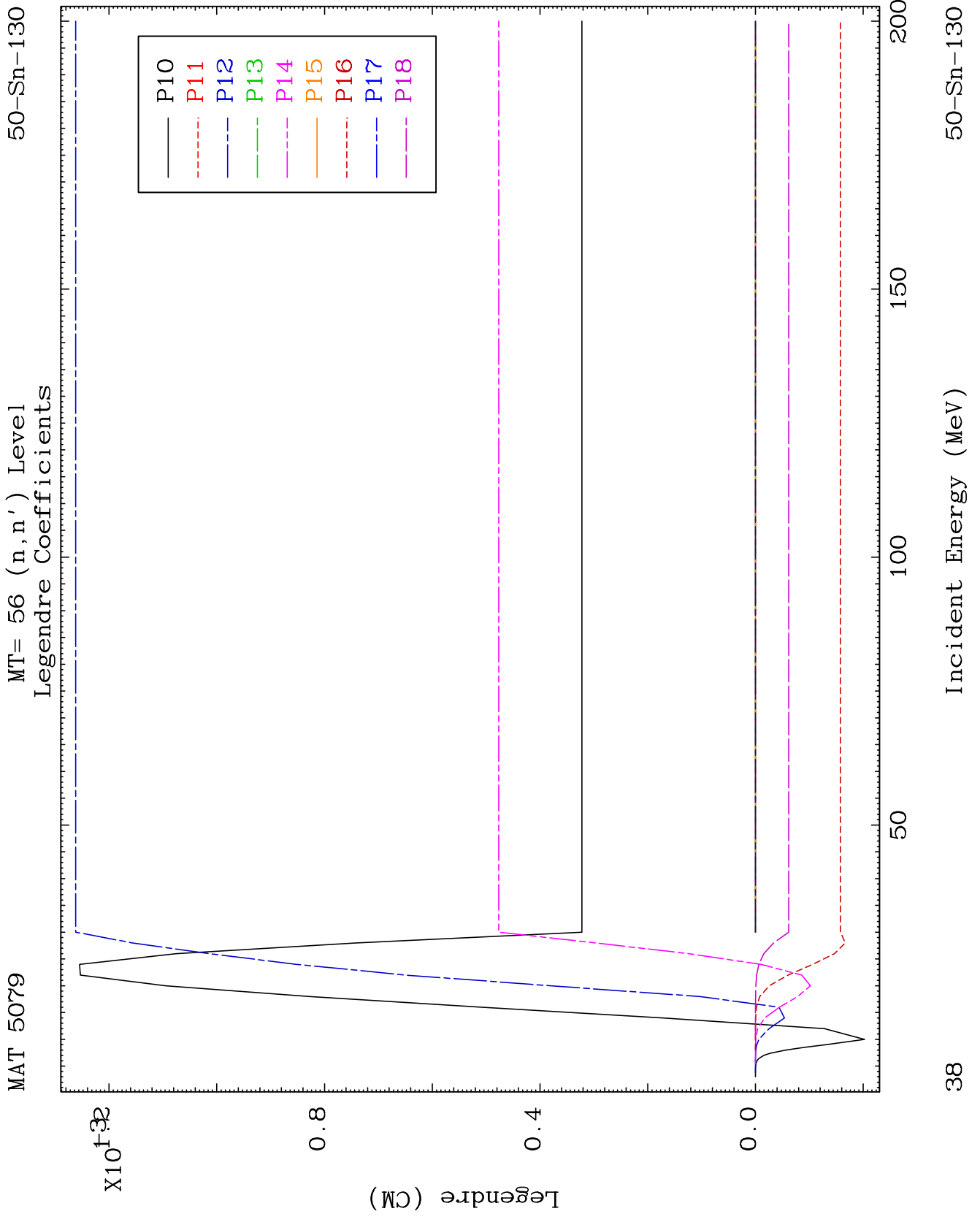


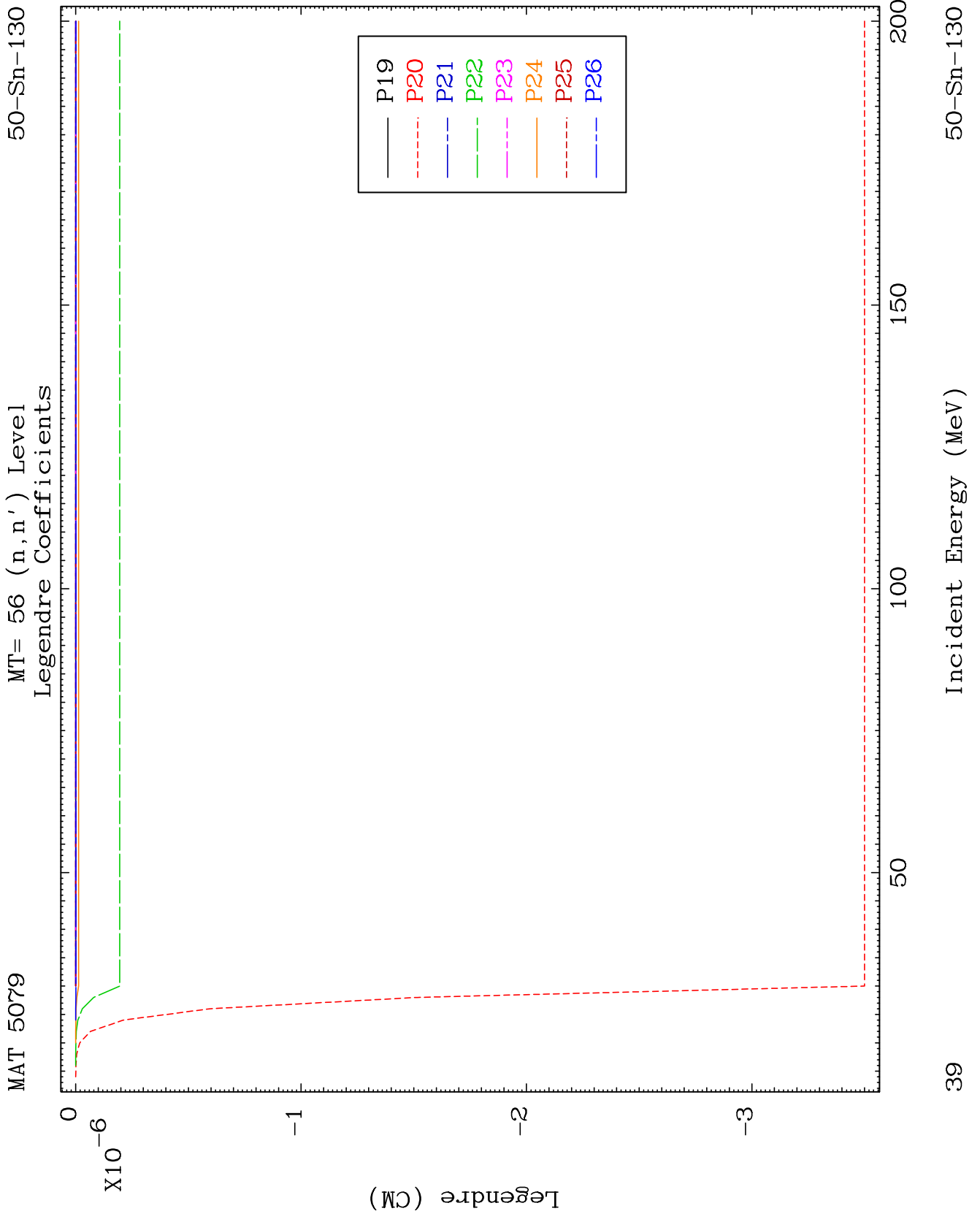
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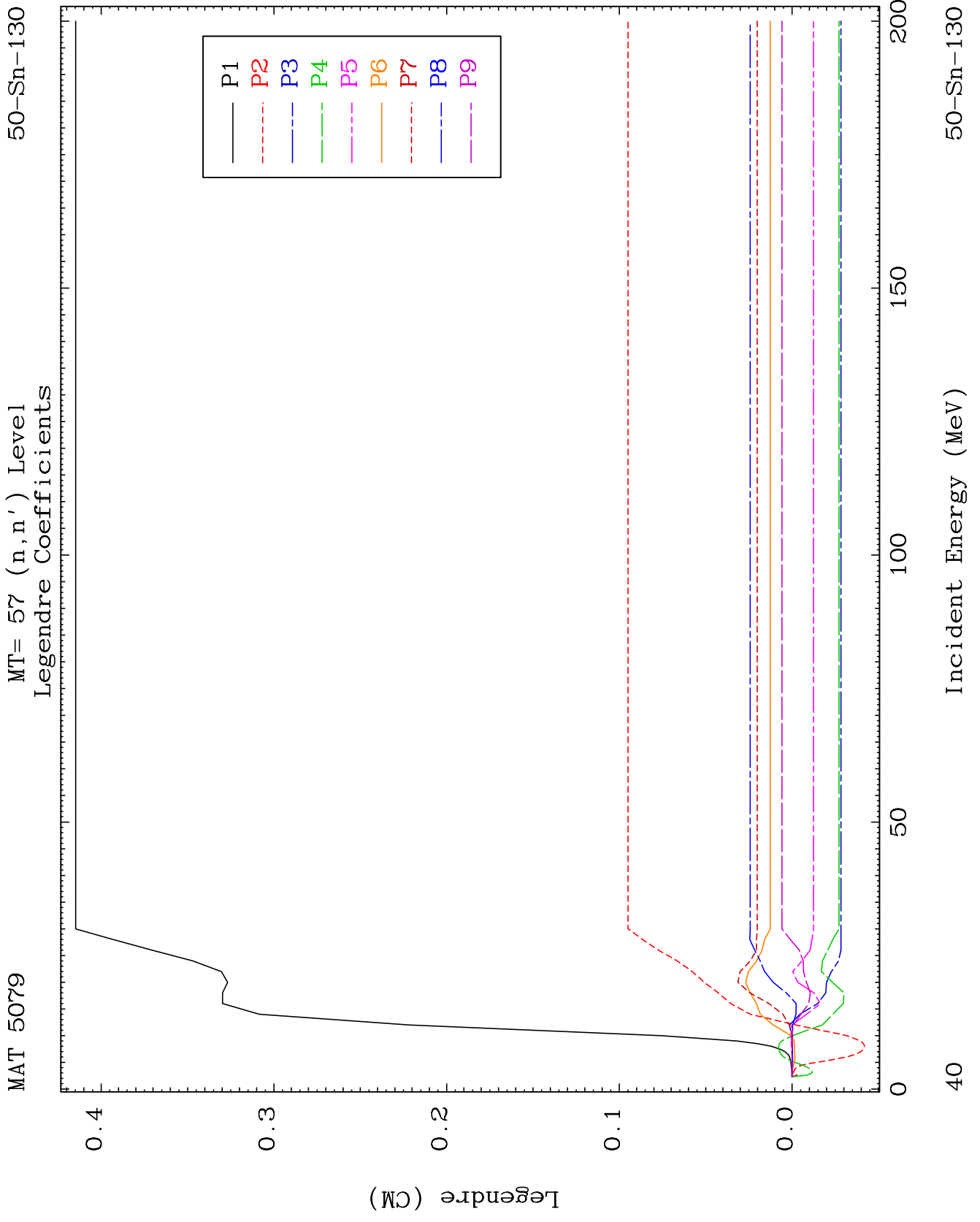
Incident Energy (MeV)

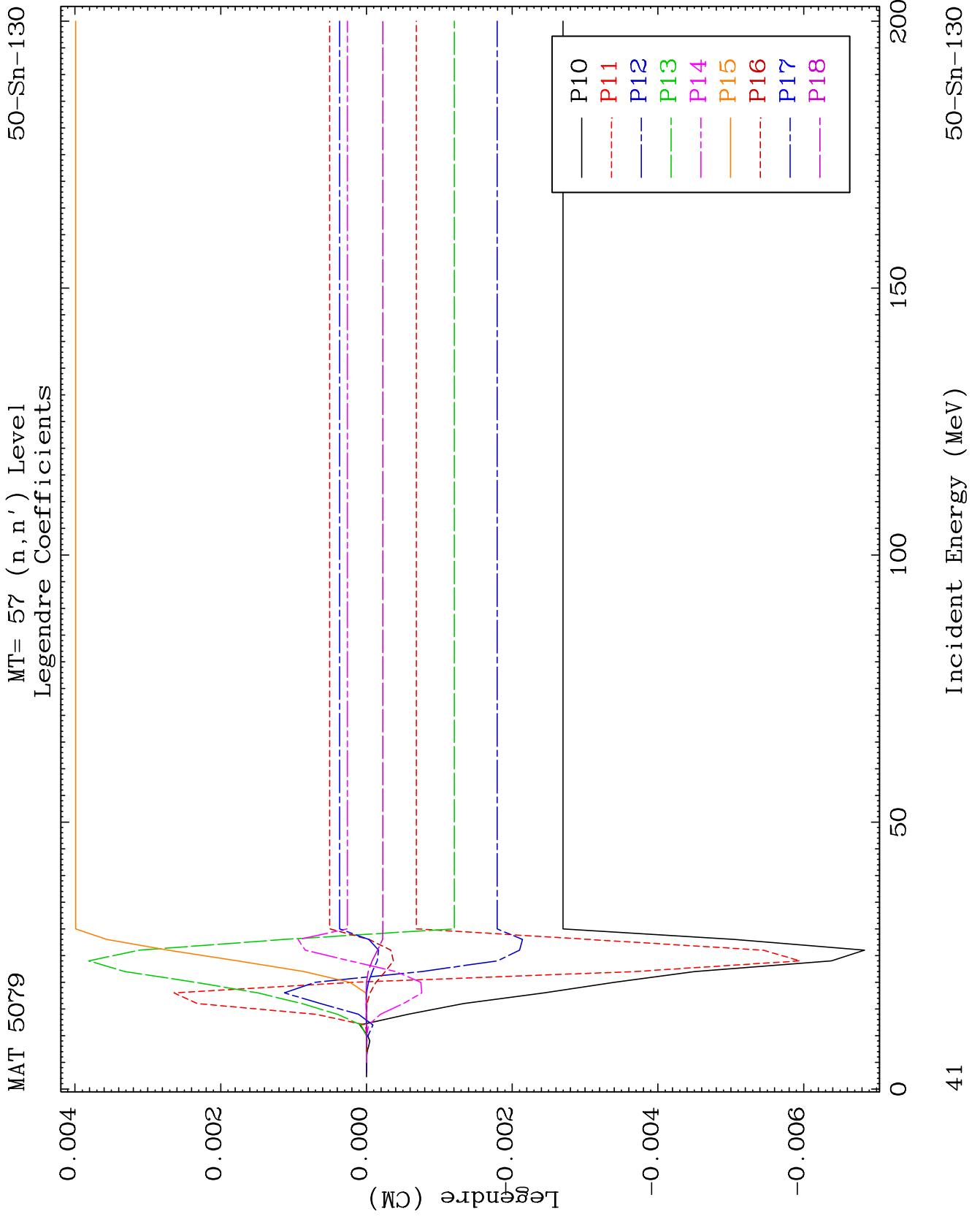
50-Sn-130

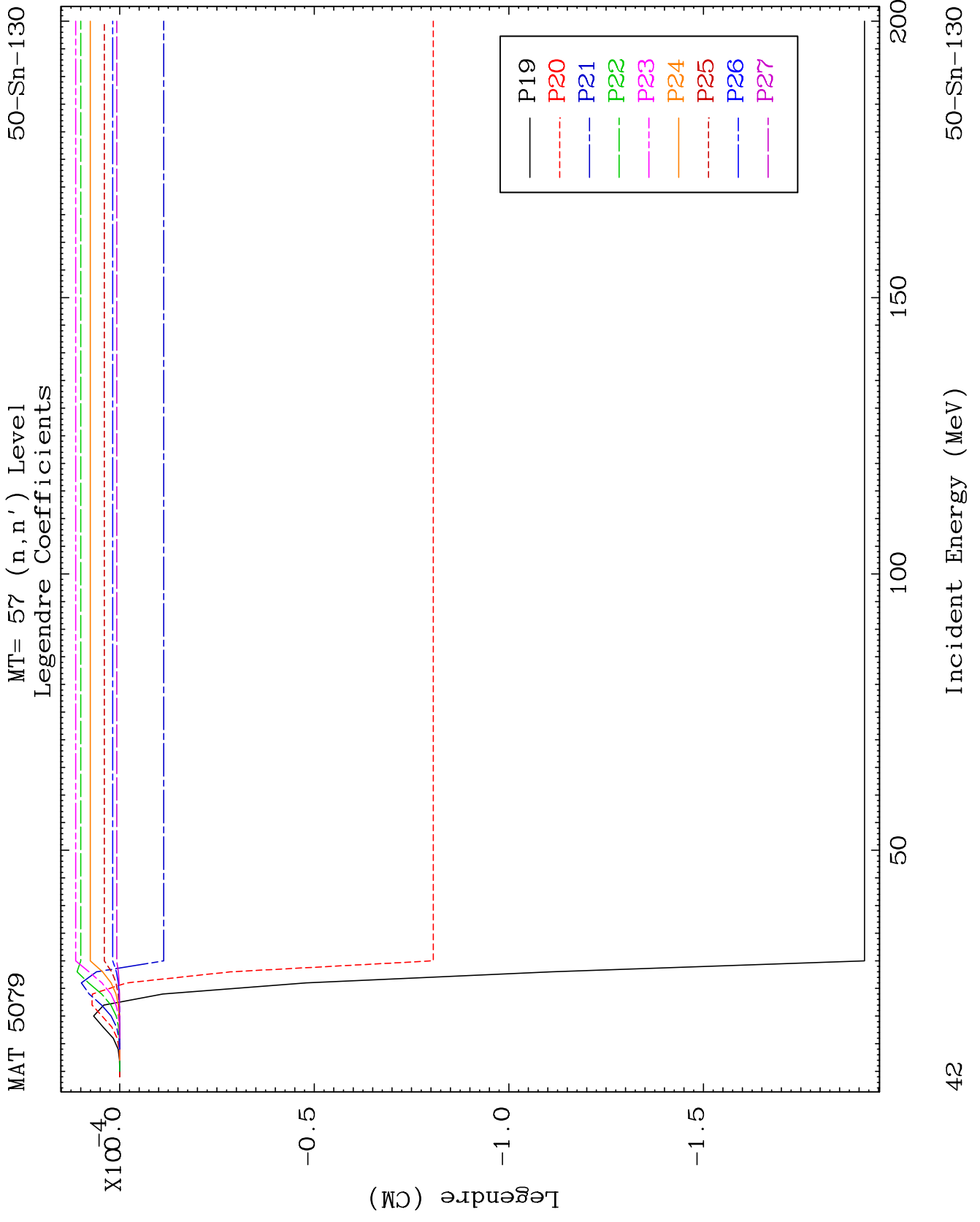








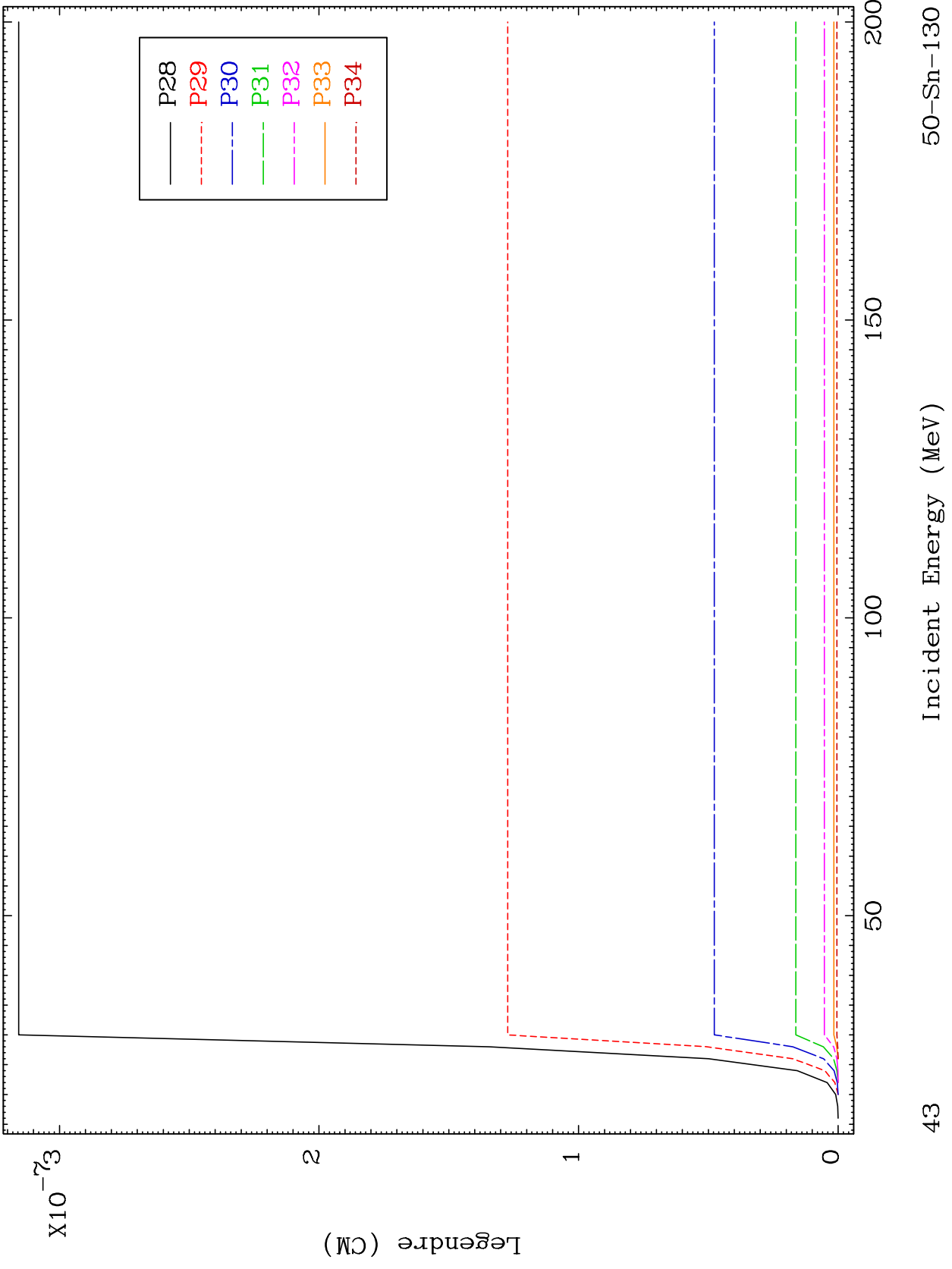




MAT 5079

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

50-Sn-130

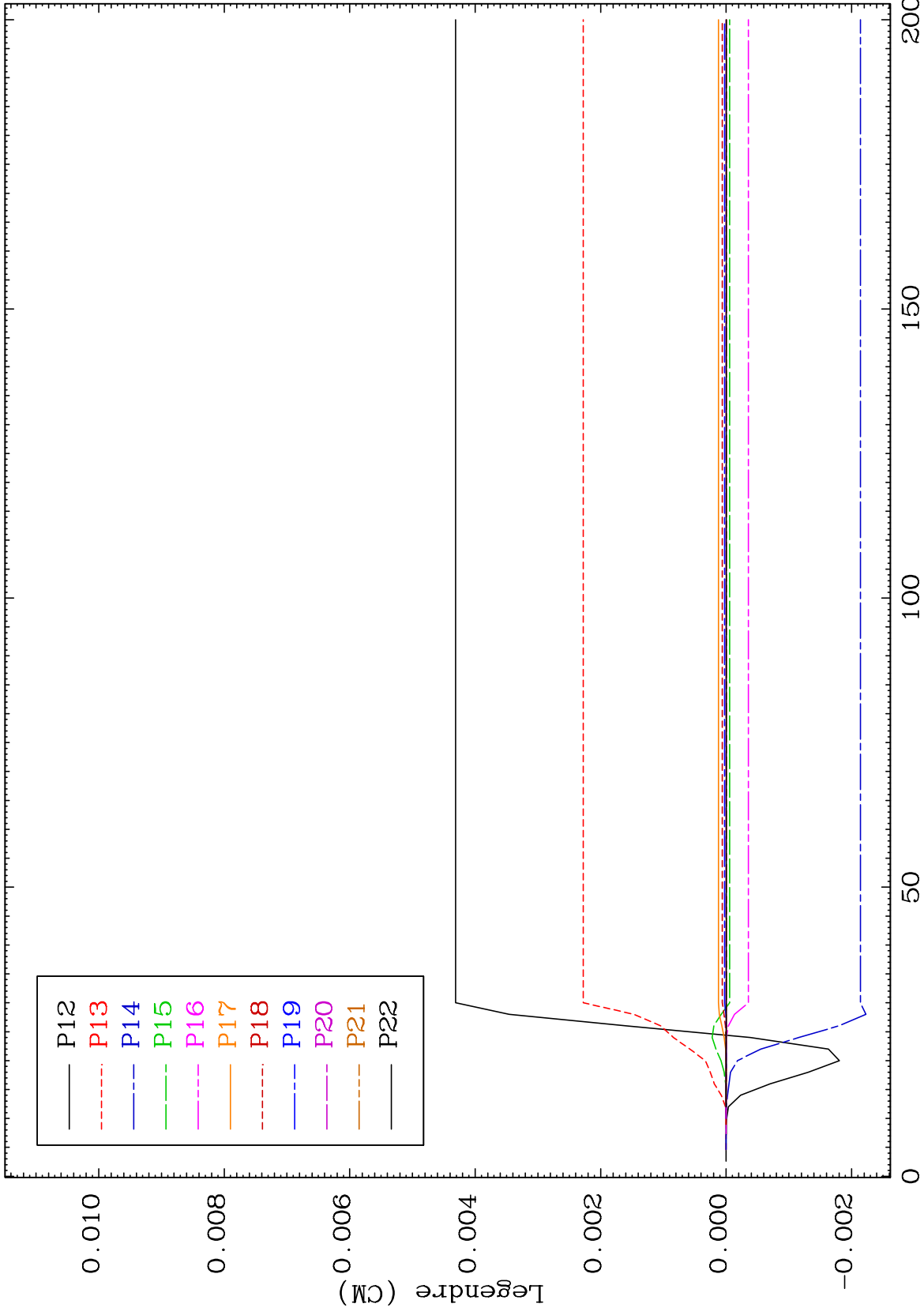


43

MAT 5079

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

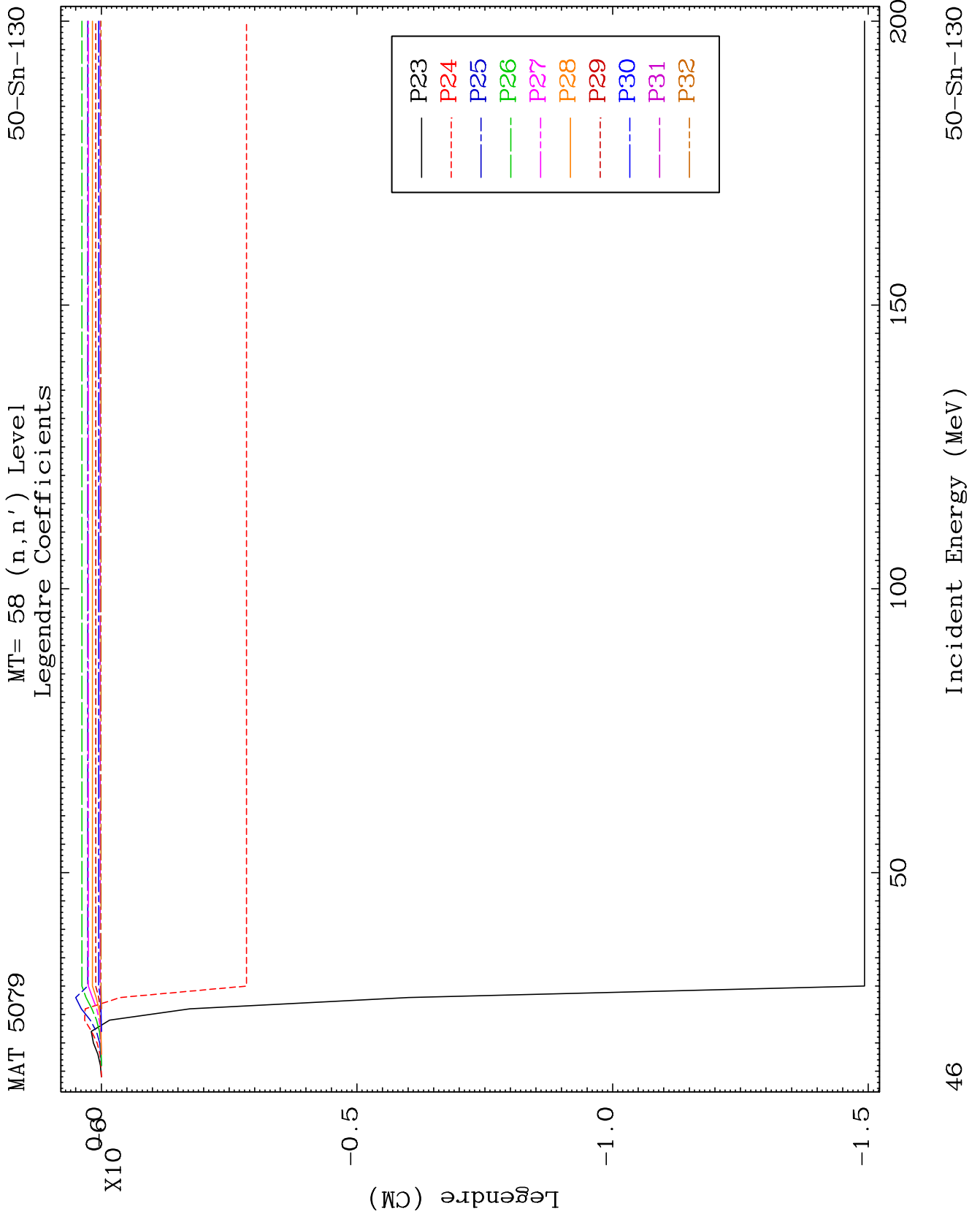
50-Sn-130



45

Incident Energy (MeV)

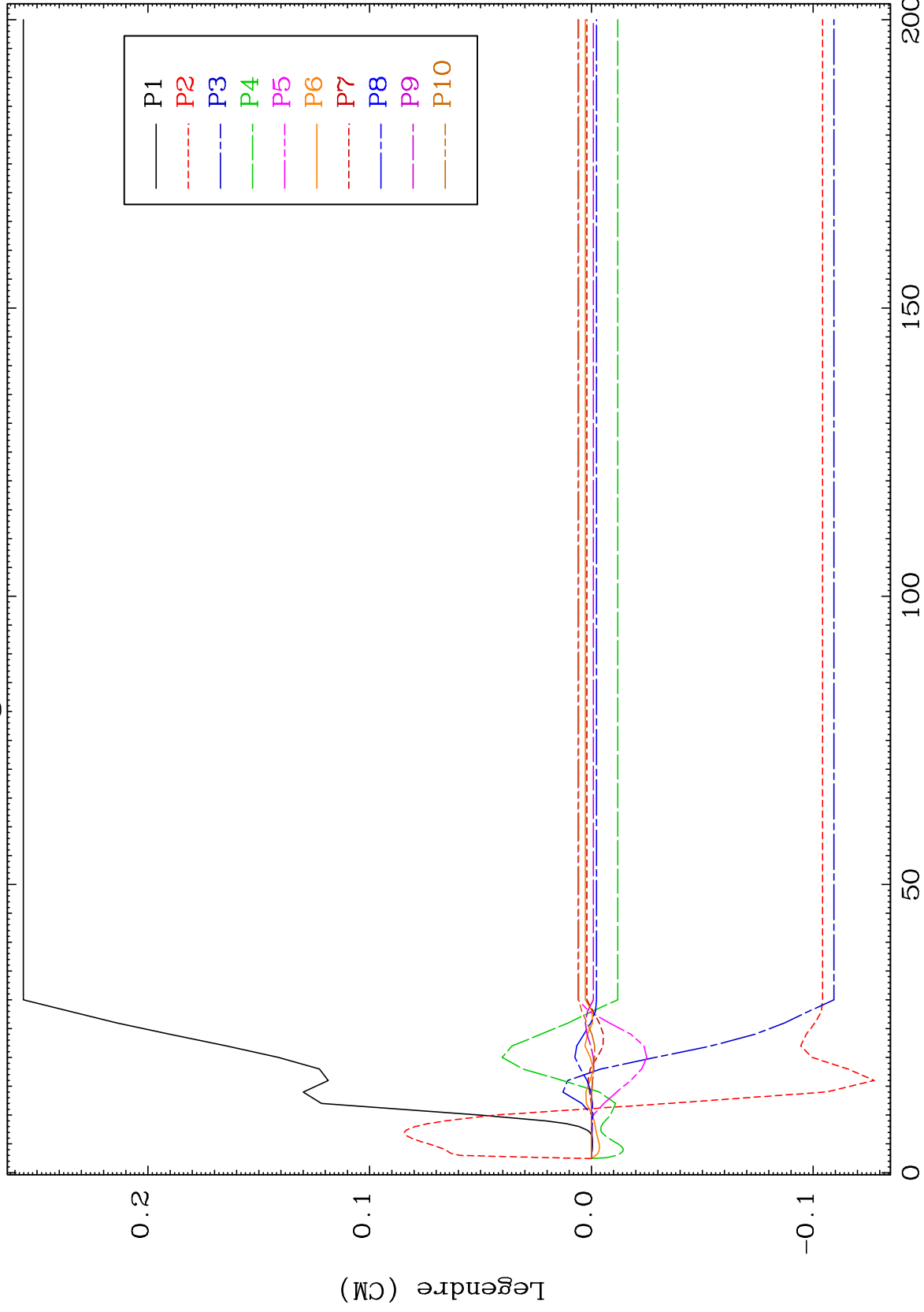
50-Sn-130



MAT 5079

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

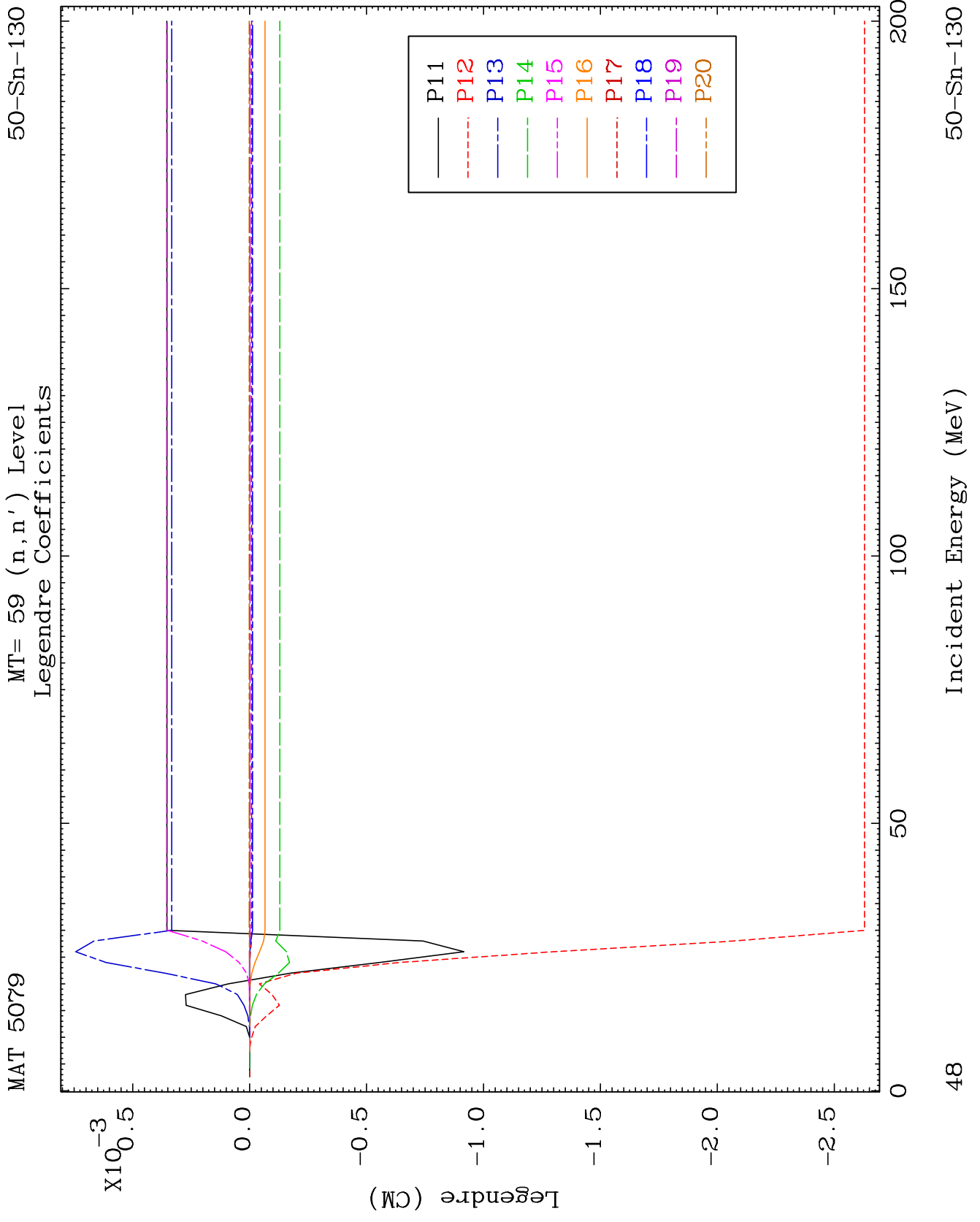
50-Sn-130



47

Incident Energy (MeV)

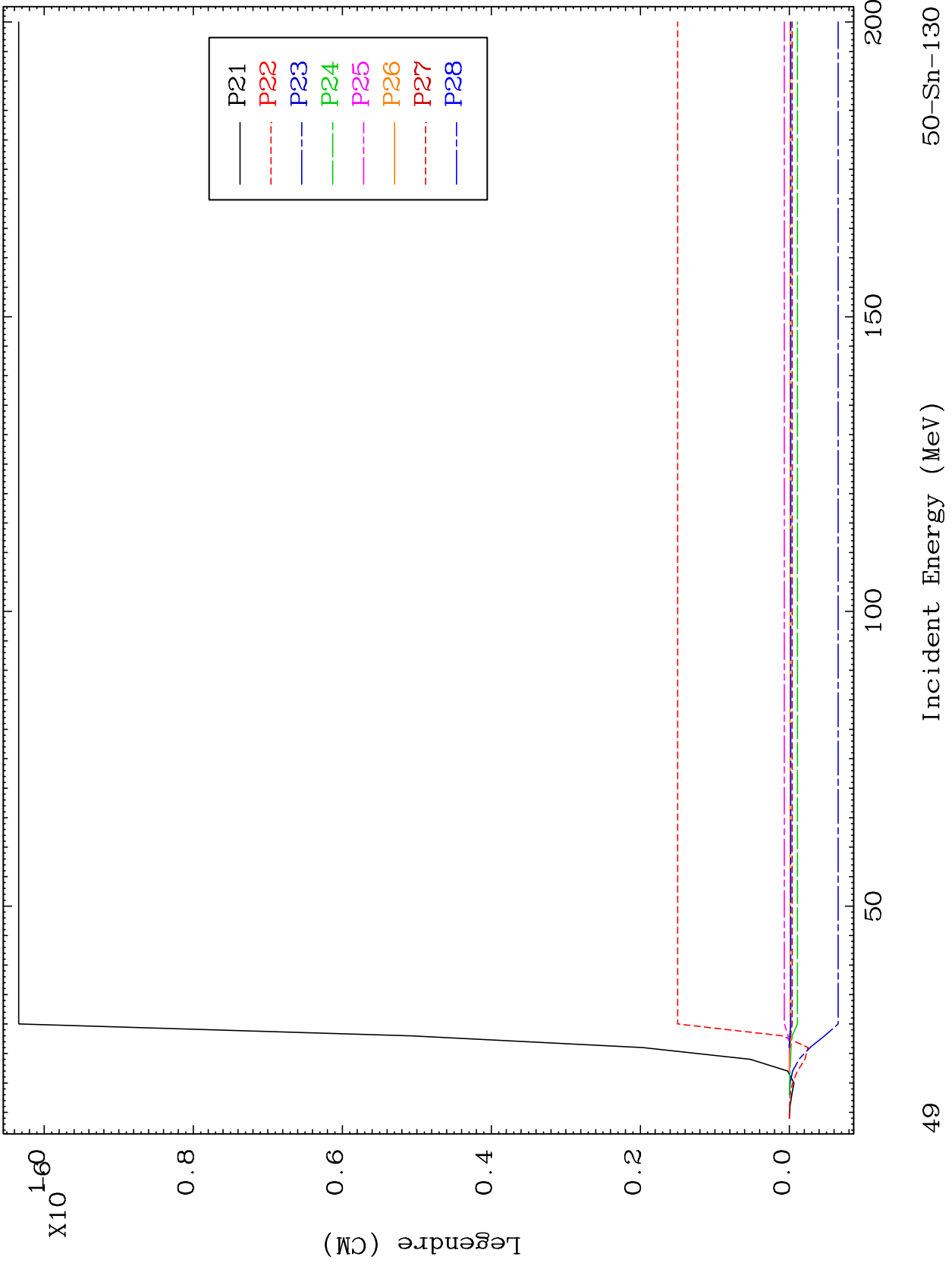
50-Sn-130



MAT 5079

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

50-Sn-130



49

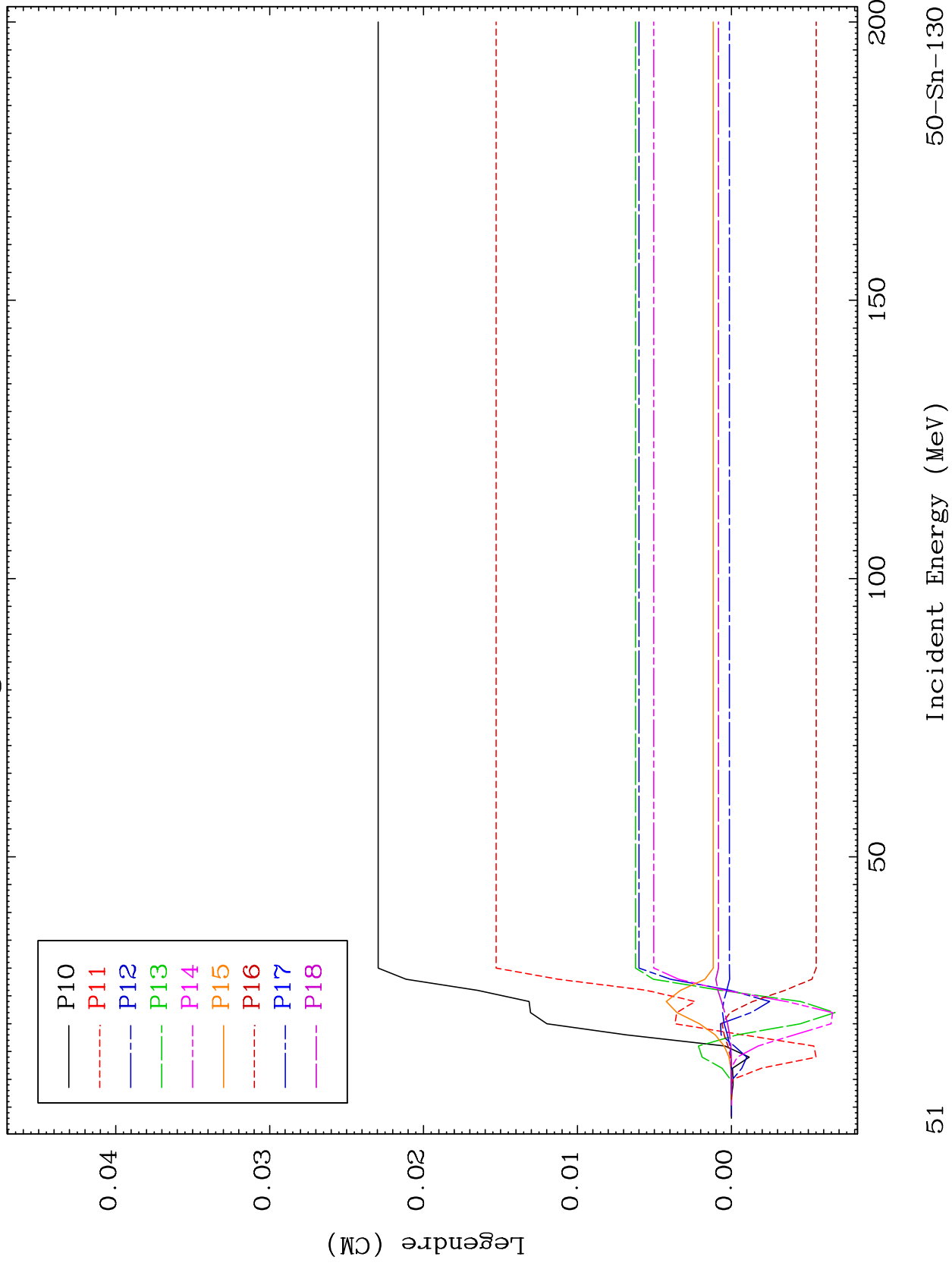
Incident Energy (MeV)

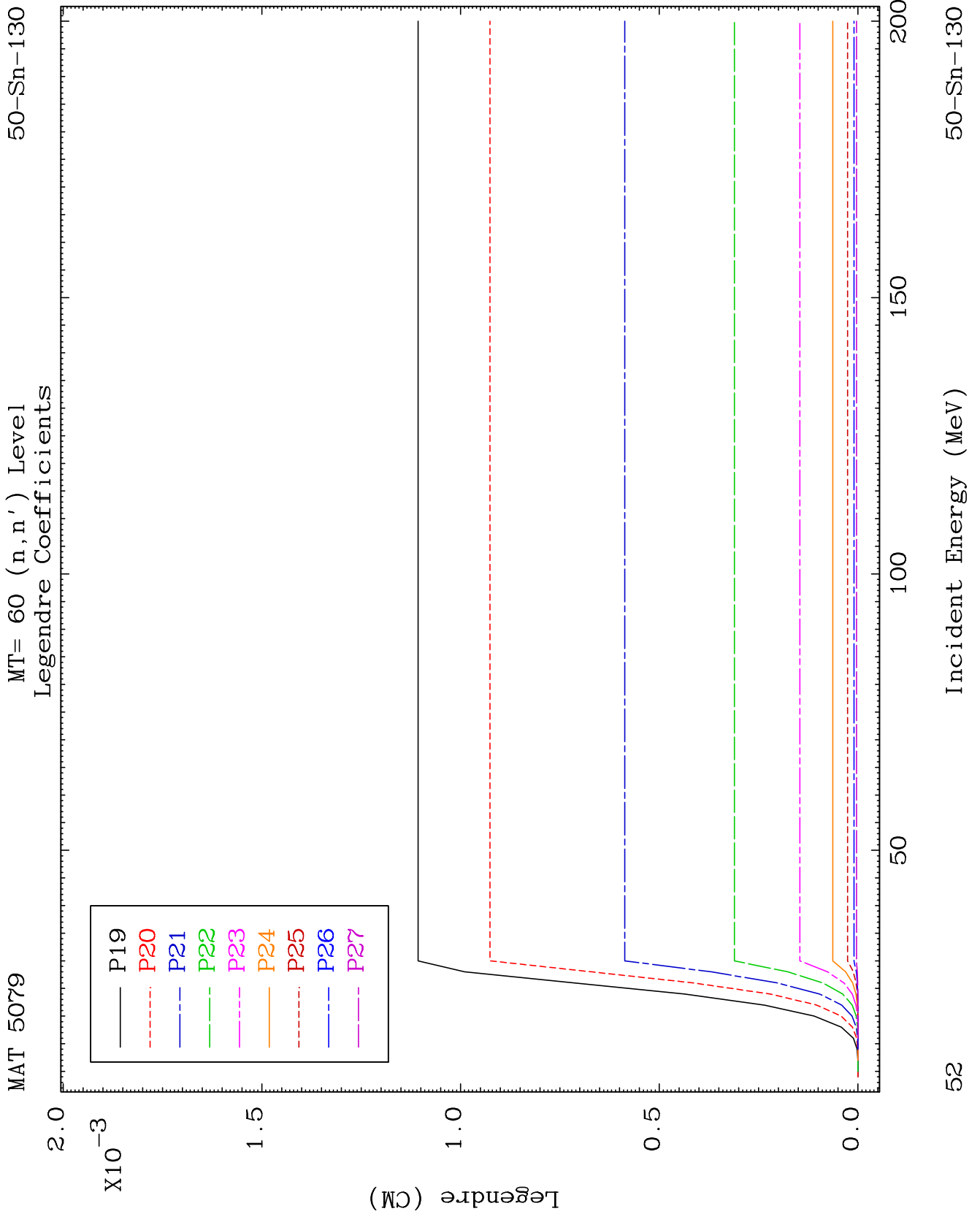
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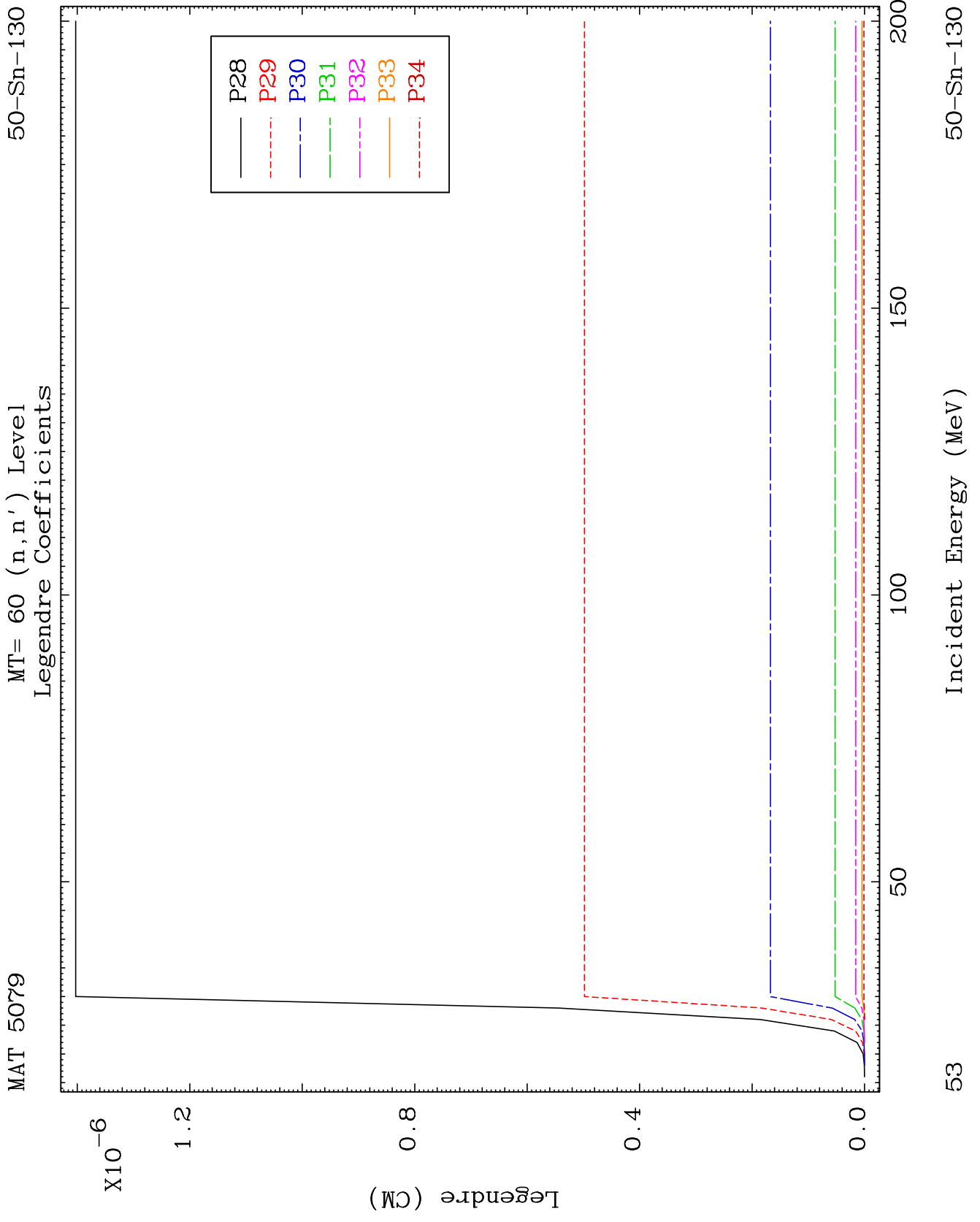
MAT 5079

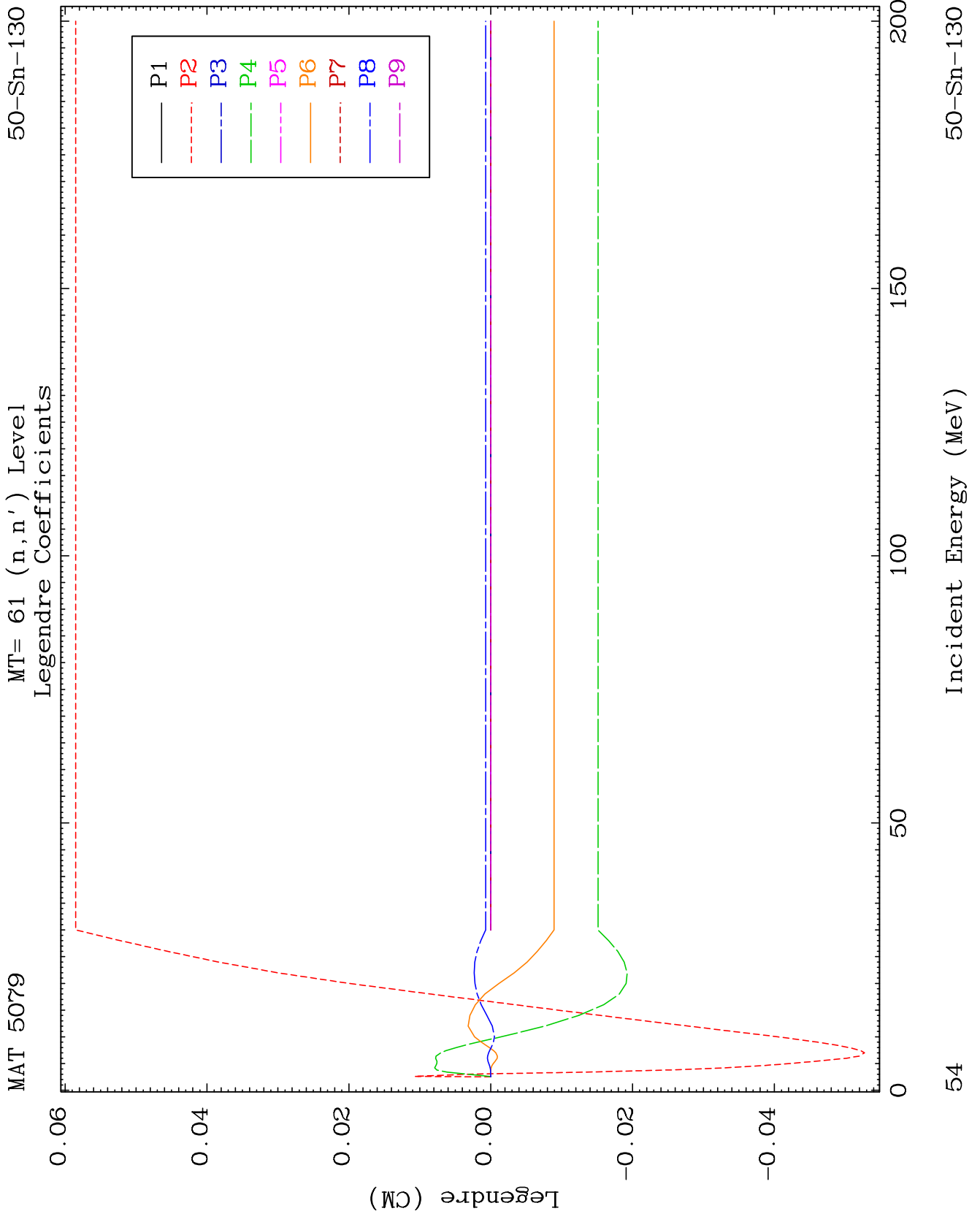
MT= 60 (n,n') Level
Legendre Coefficients

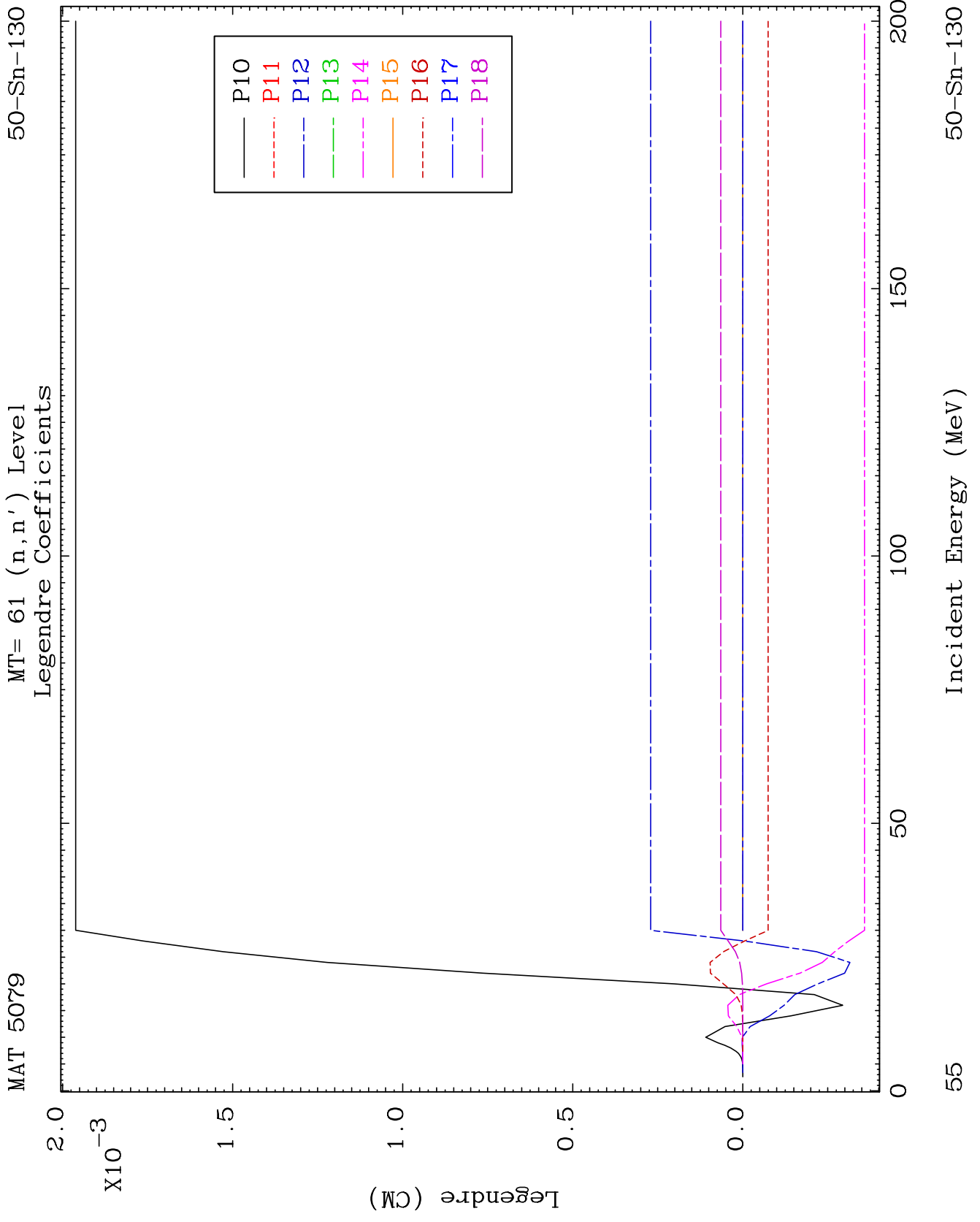
50-Sn-130

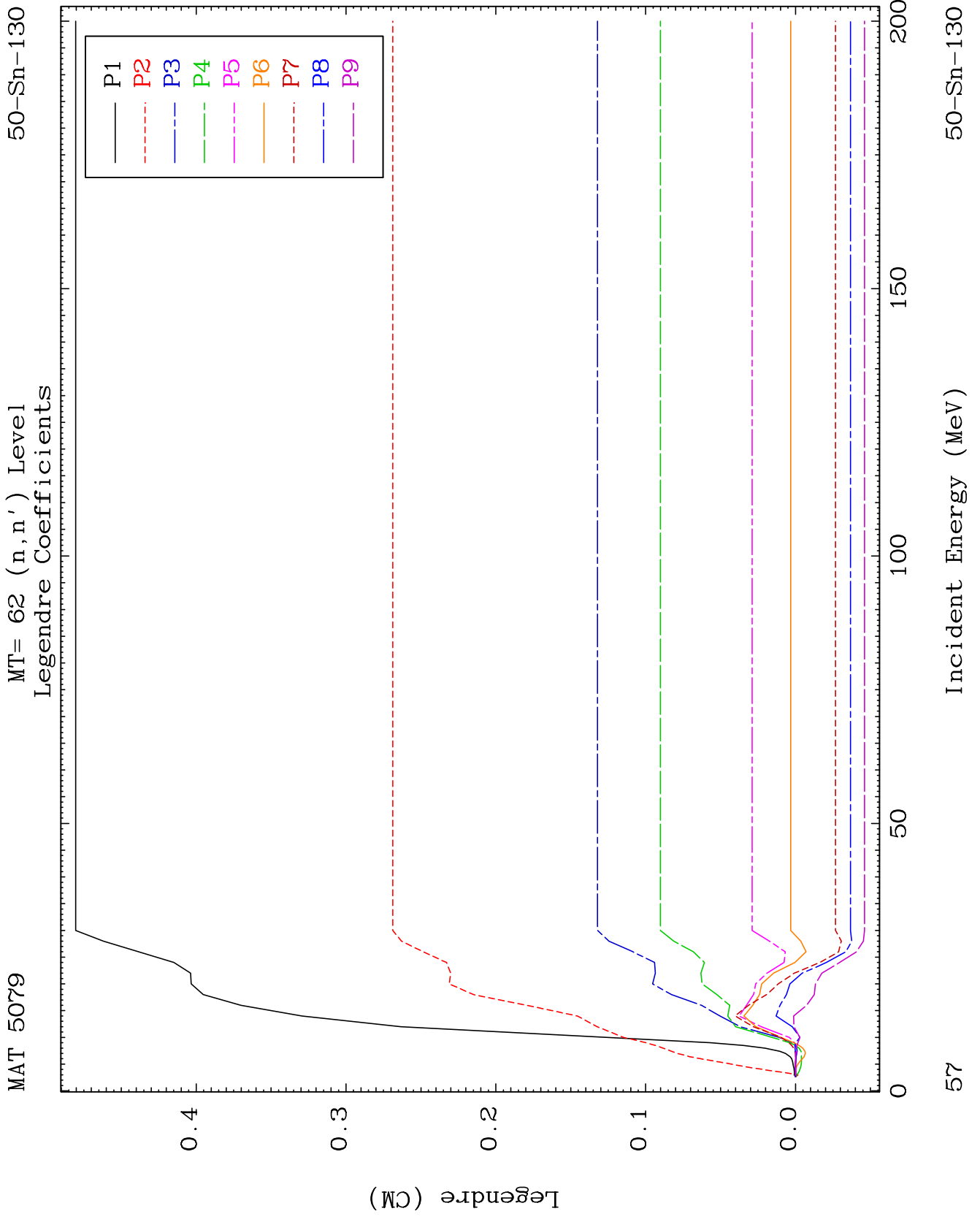


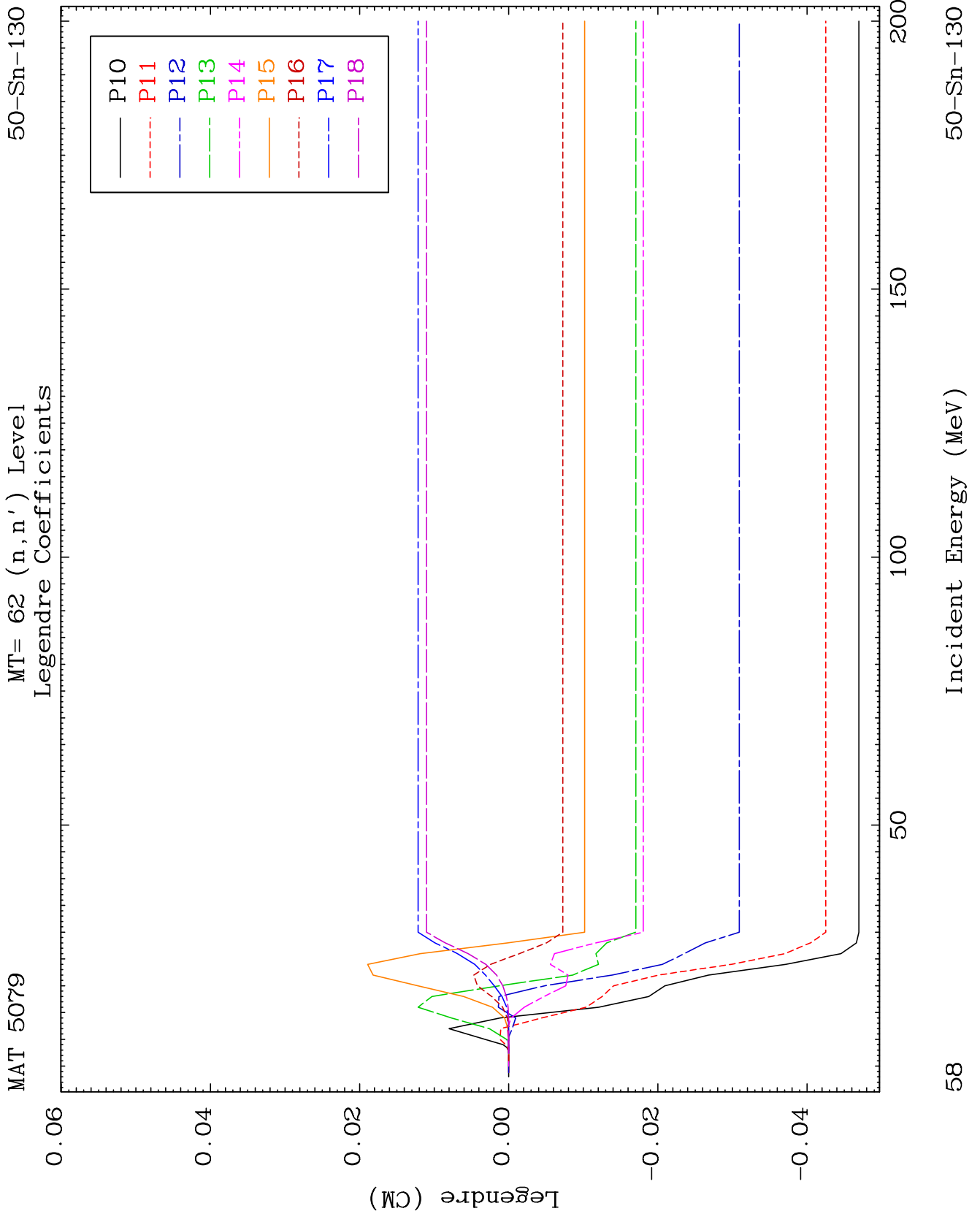


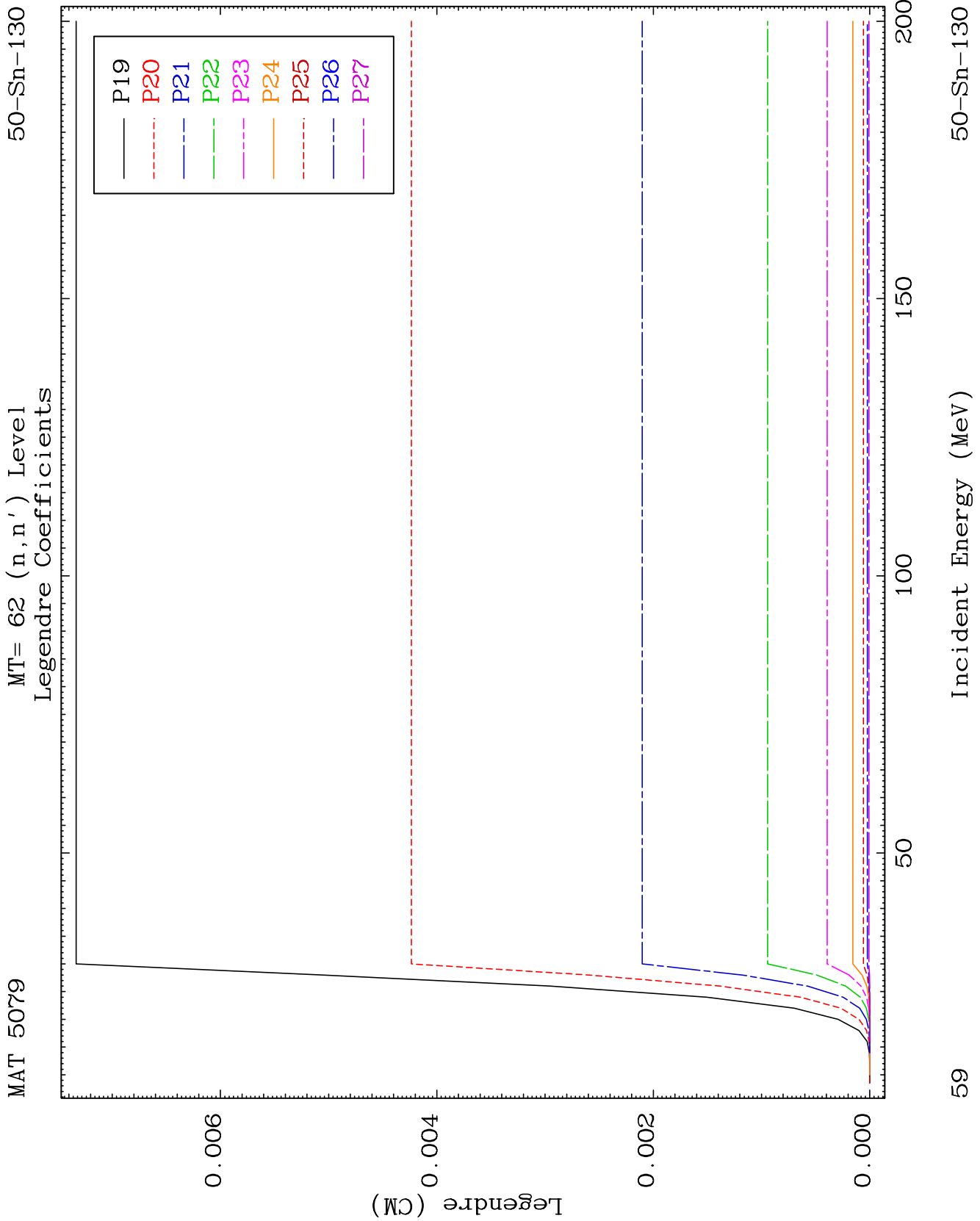


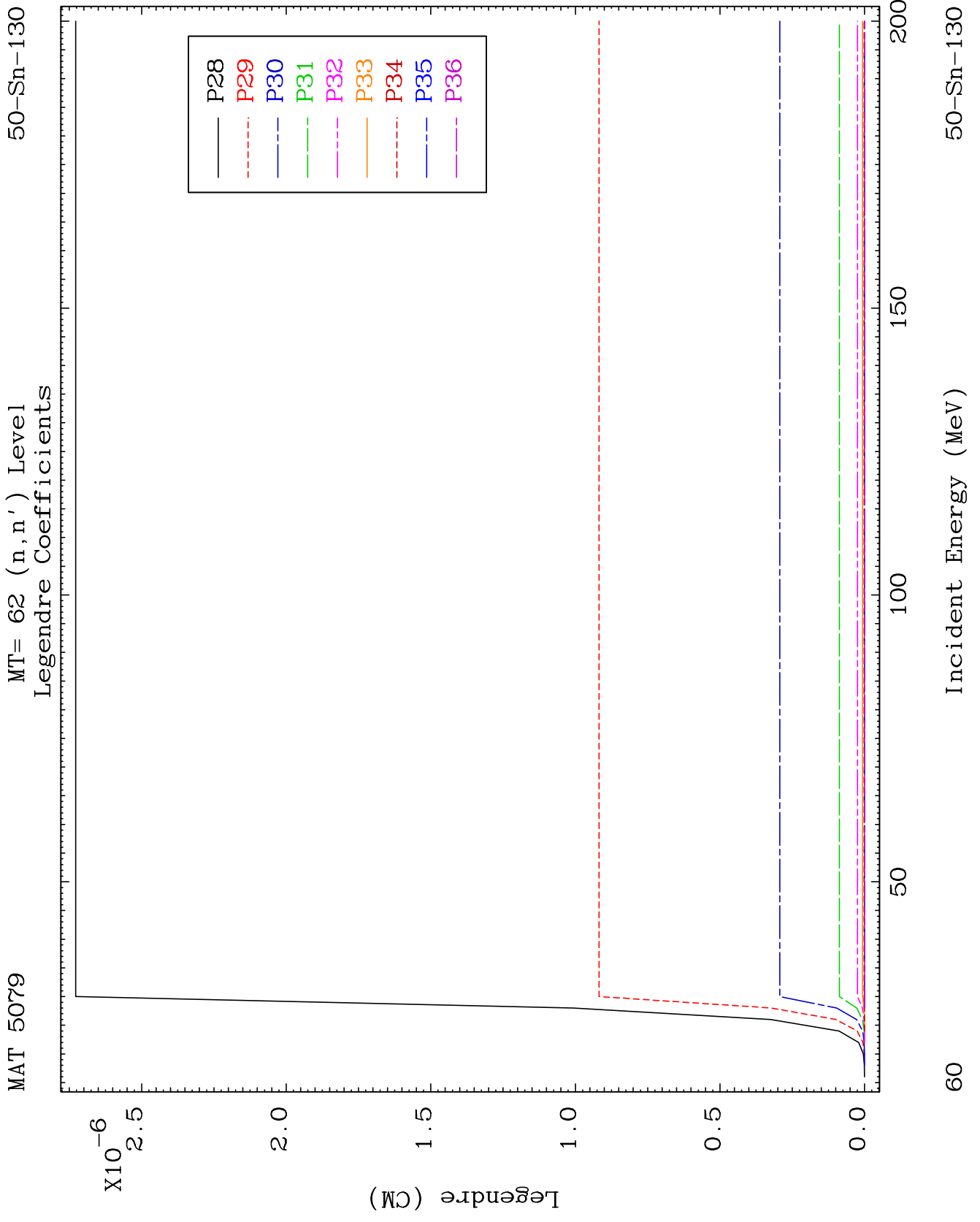








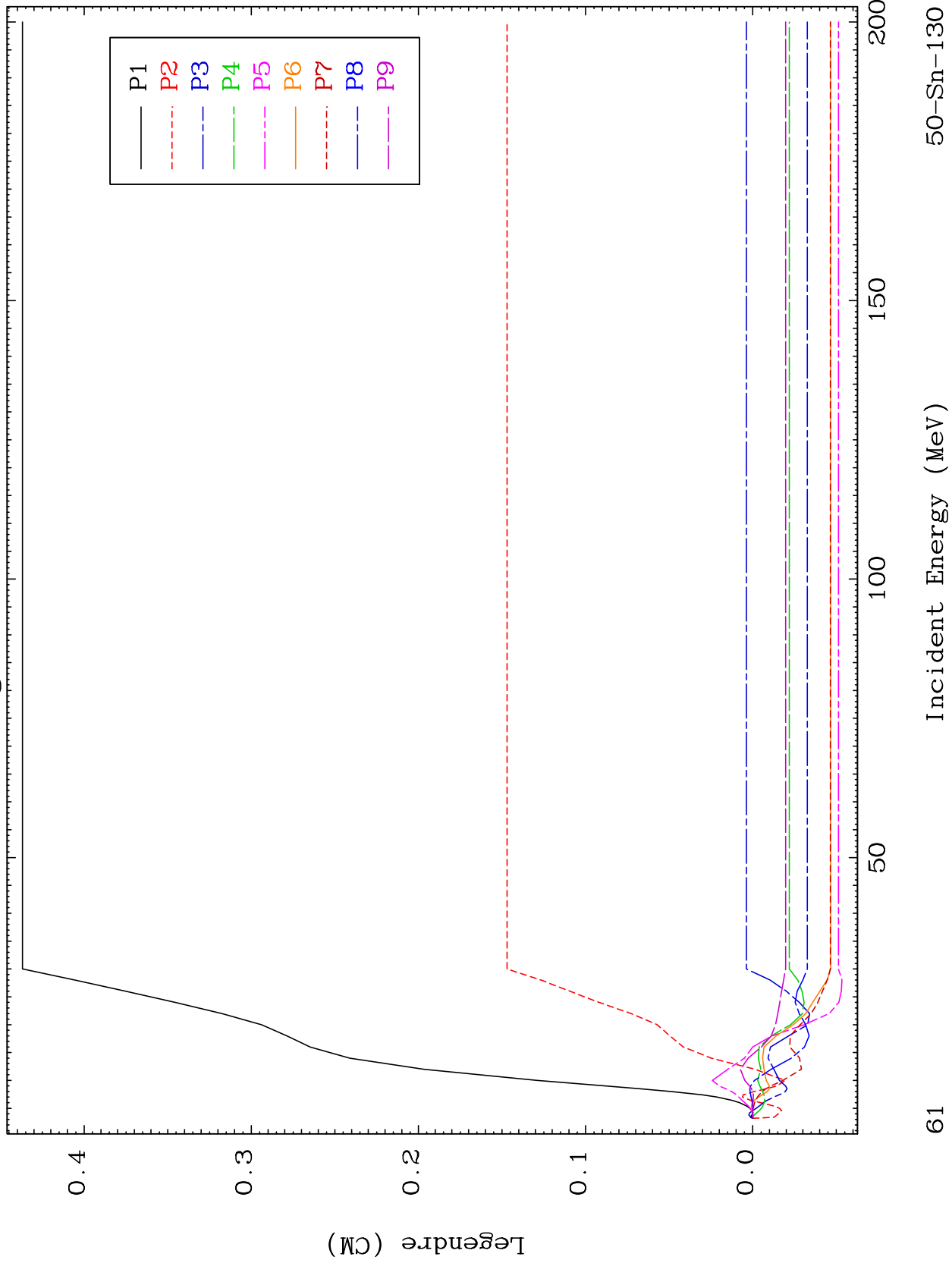




MAT 5079

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

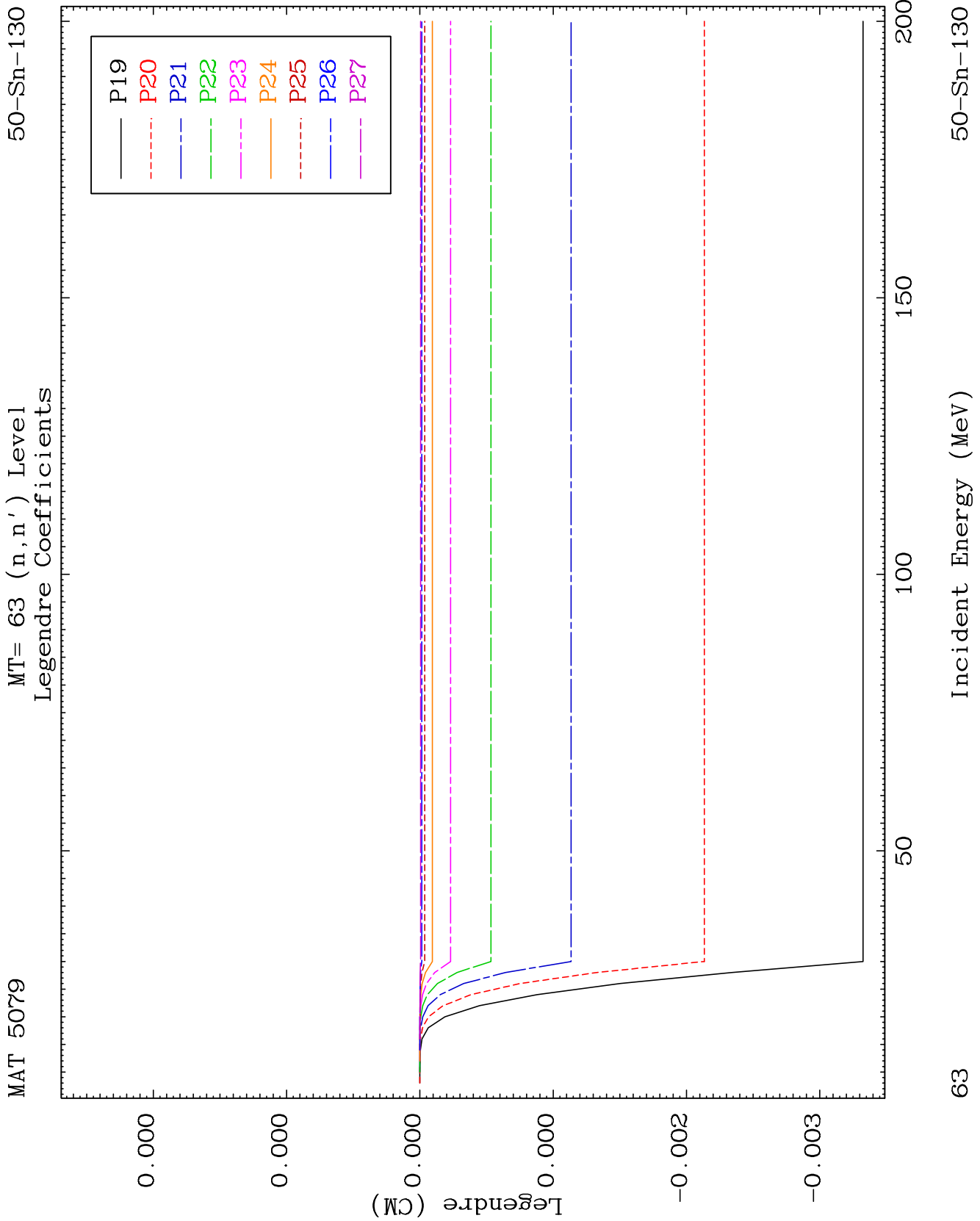
50-Sn-130

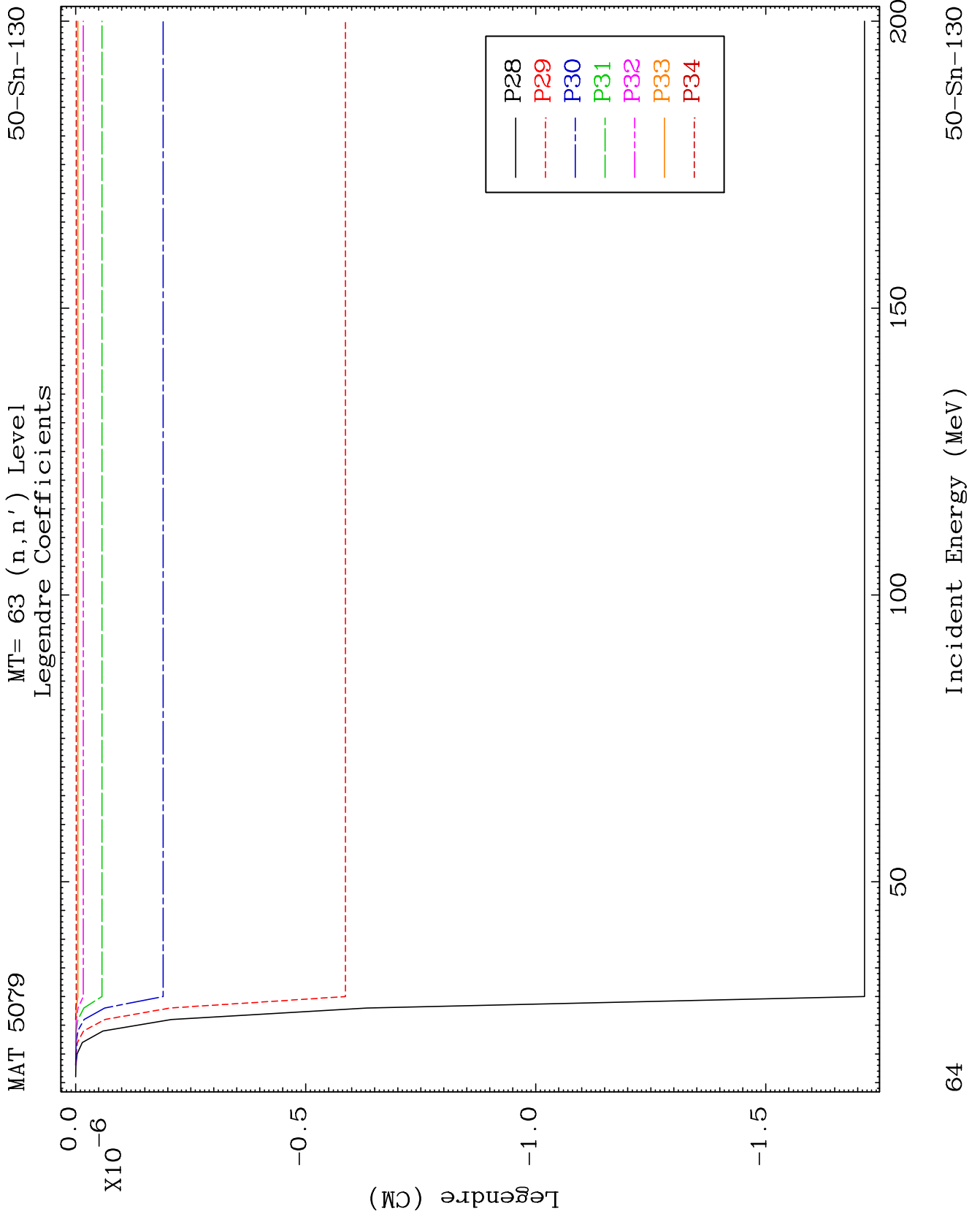


61

Incident Energy (MeV)

50-Sn-130

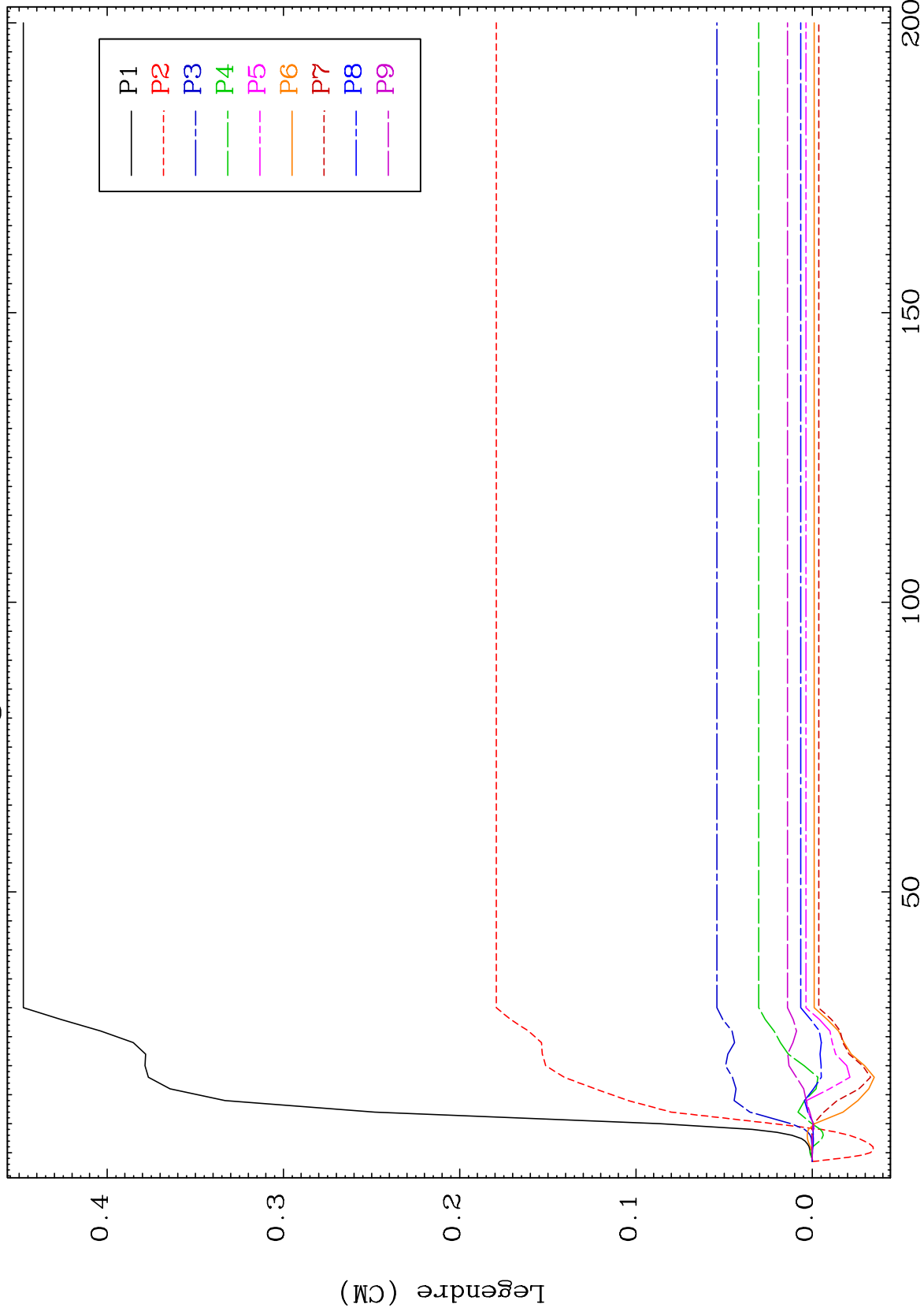




MAT 5079

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

50-Sn-130



65

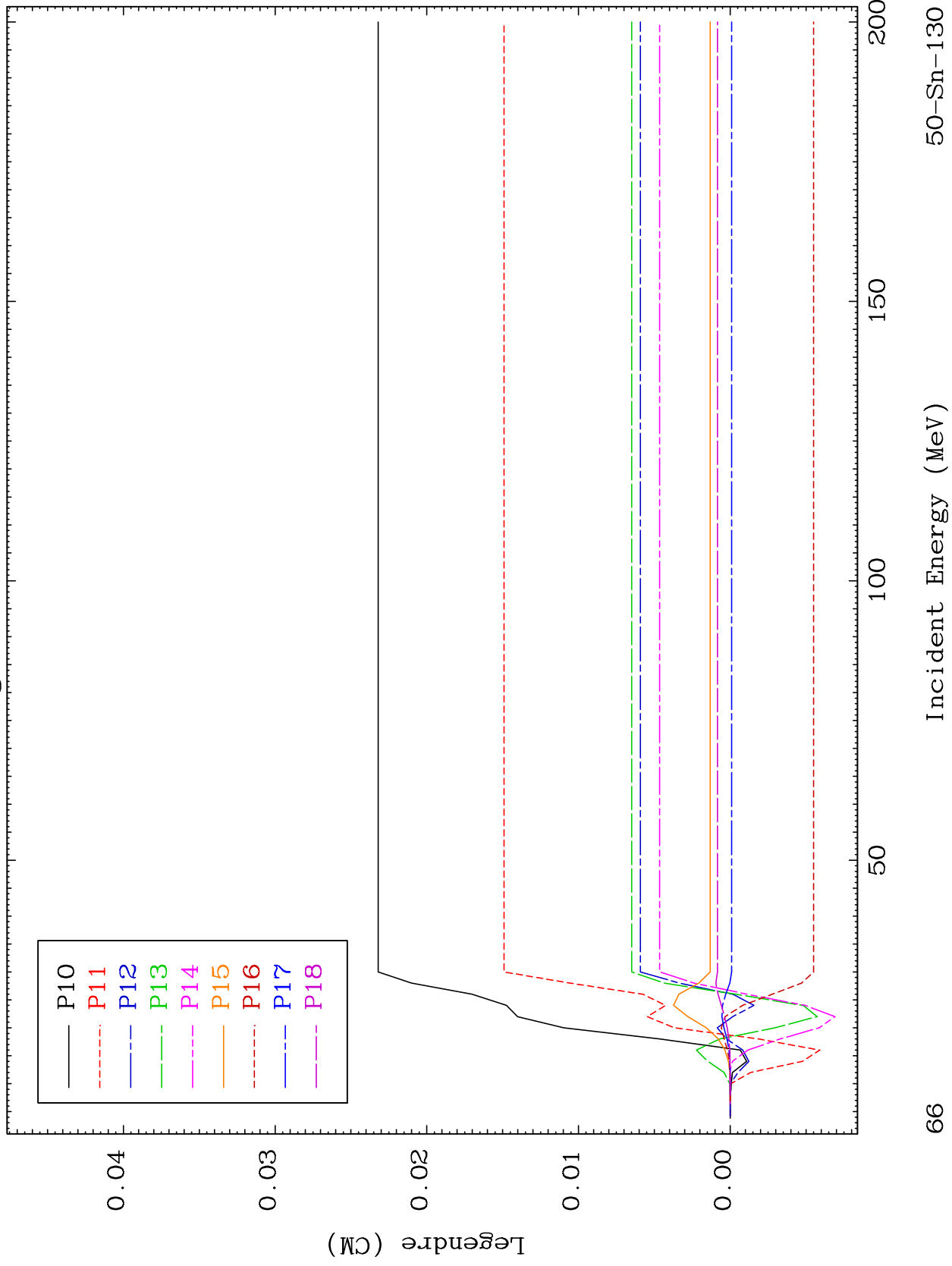
Incident Energy (MeV)

50-Sn-130

MAT 5079

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

50-Sn-130

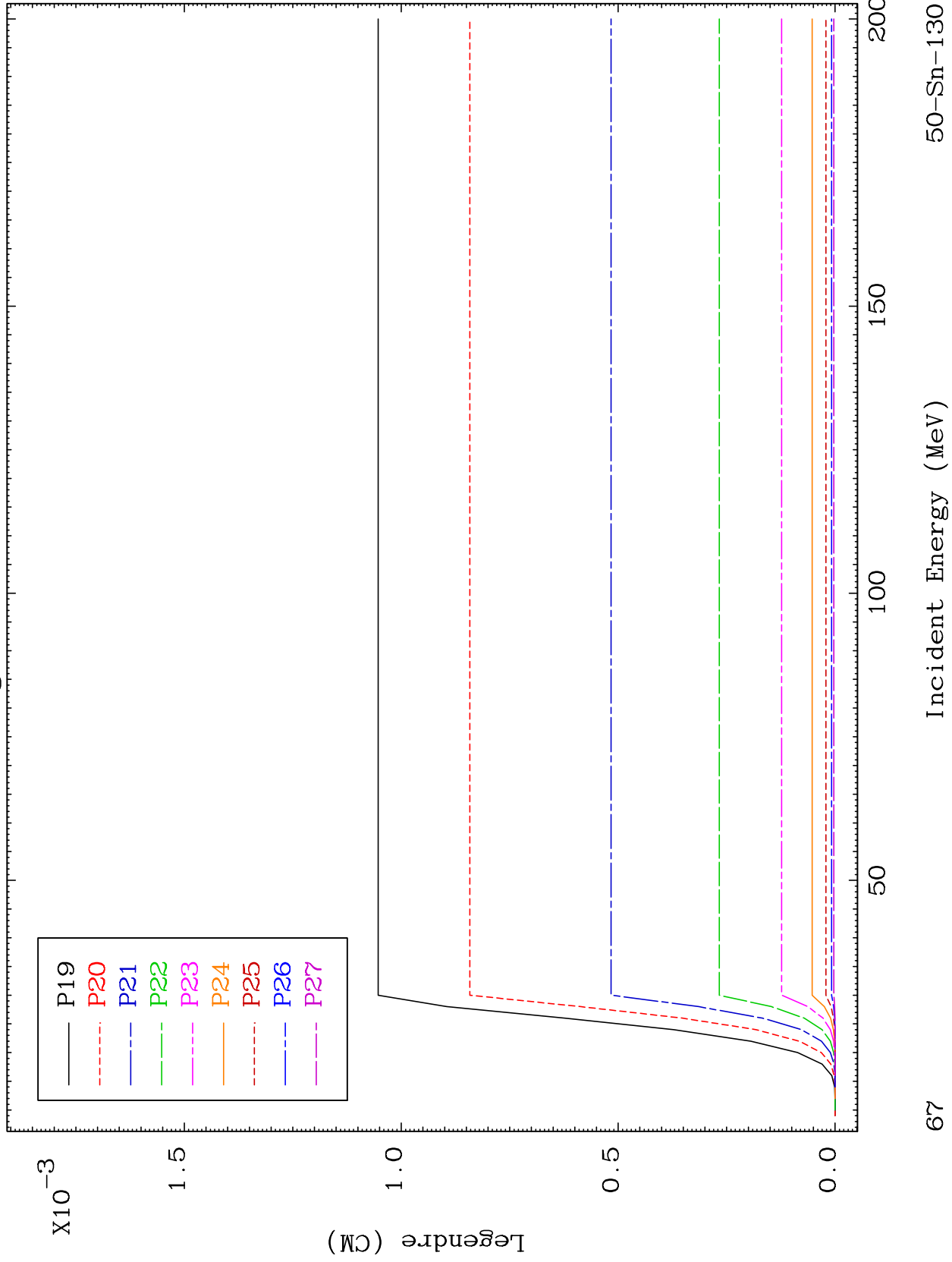


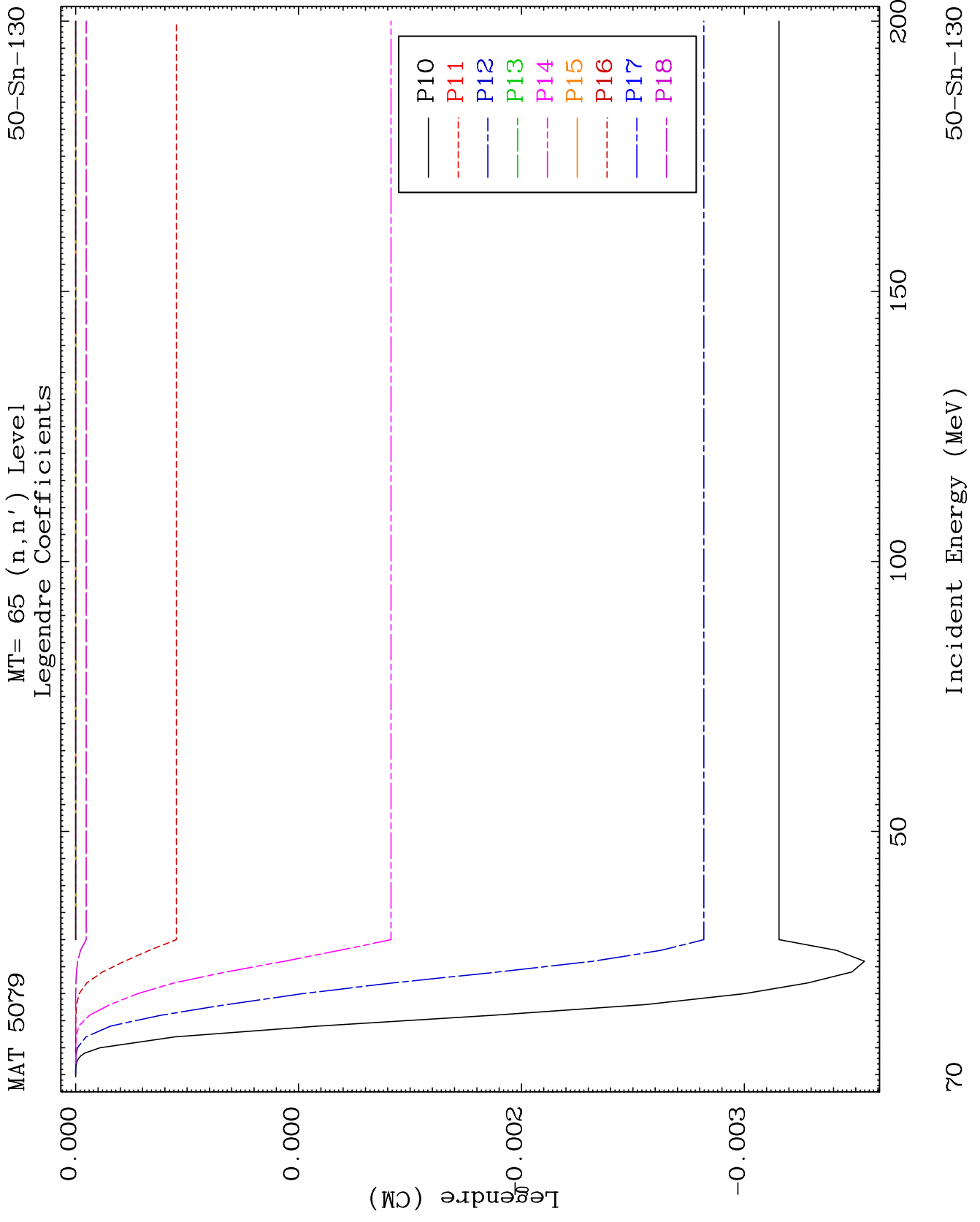
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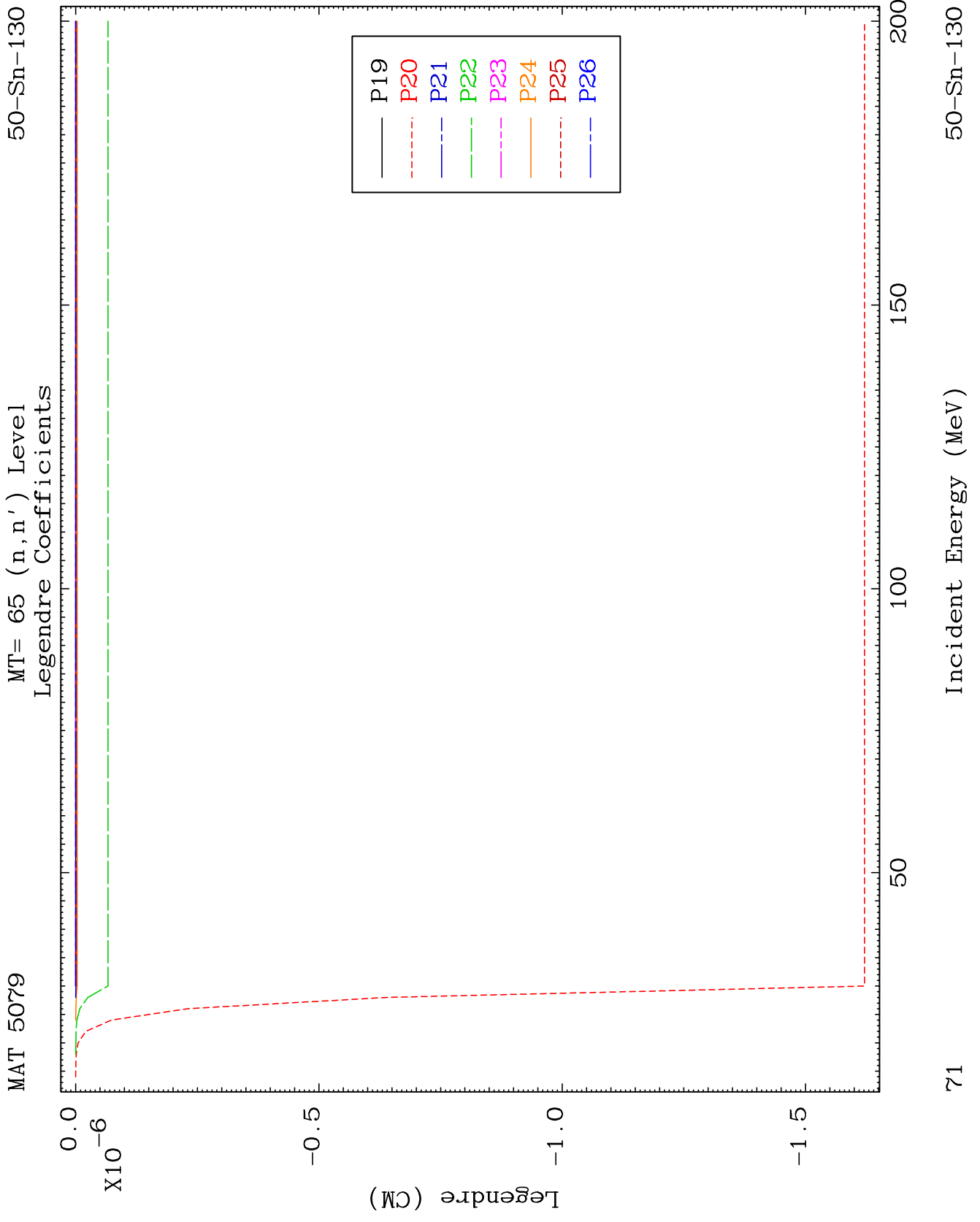
MAT 5079

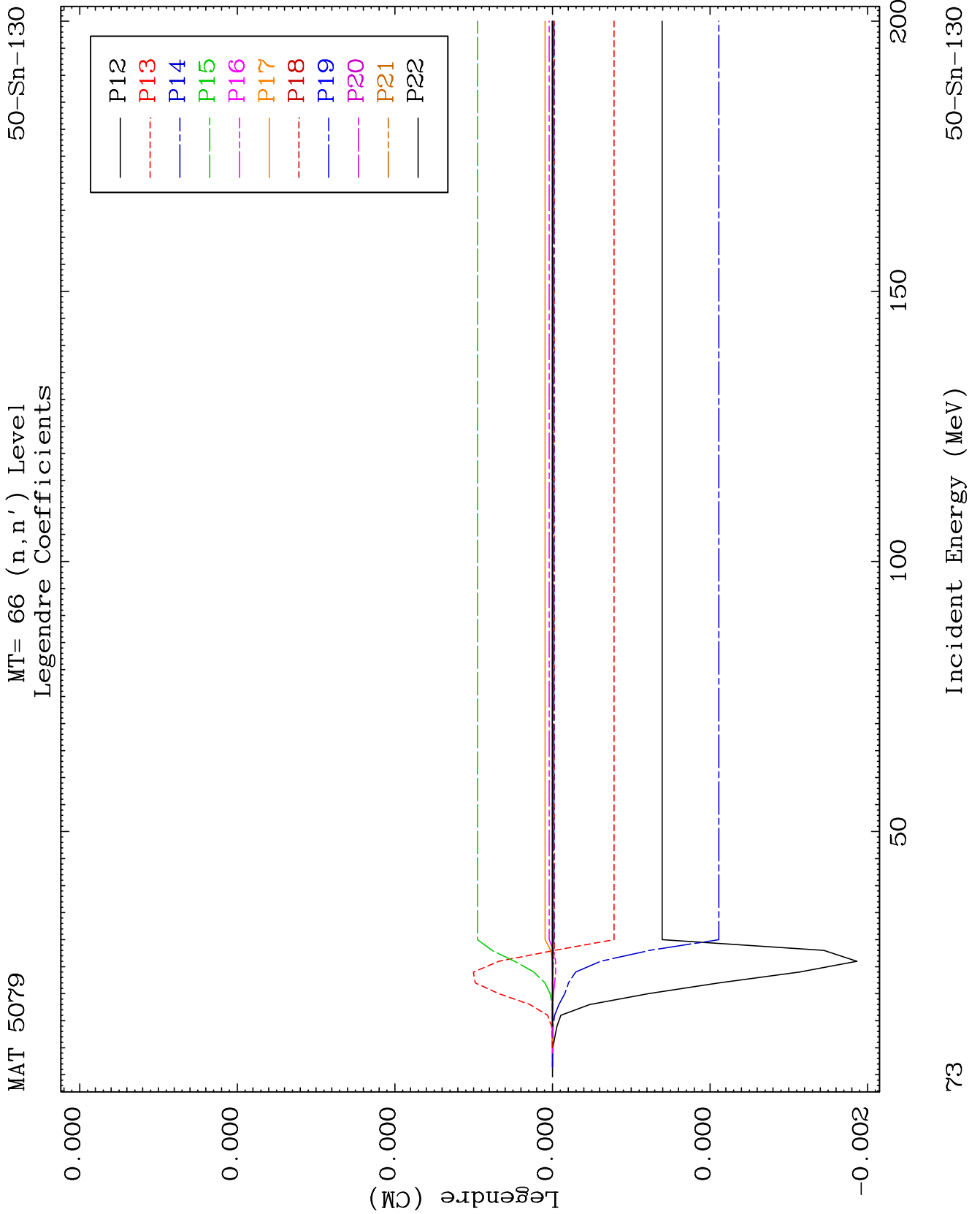
MT= 64 (n,n') Level
Legendre Coefficients

50-Sn-130





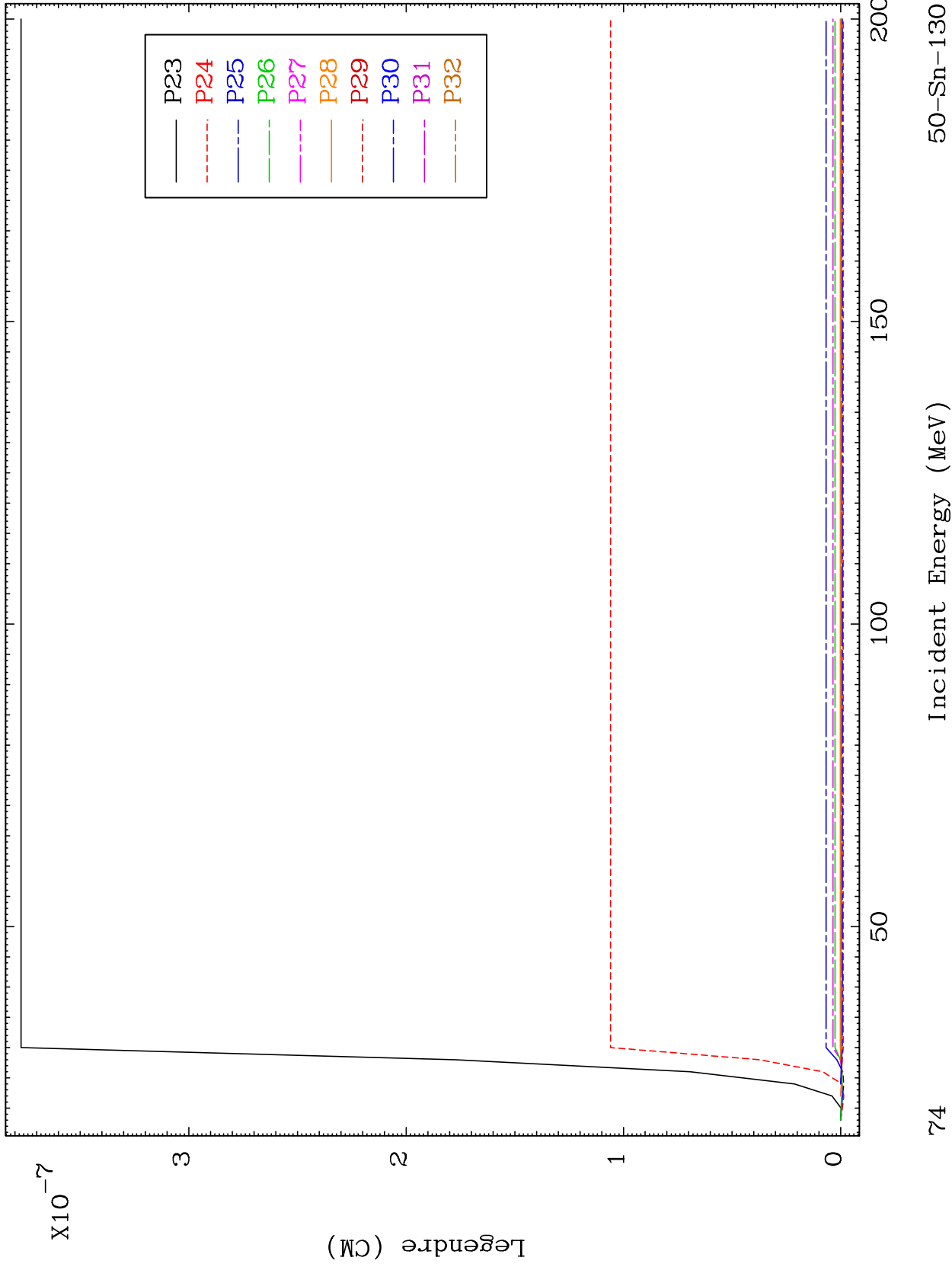


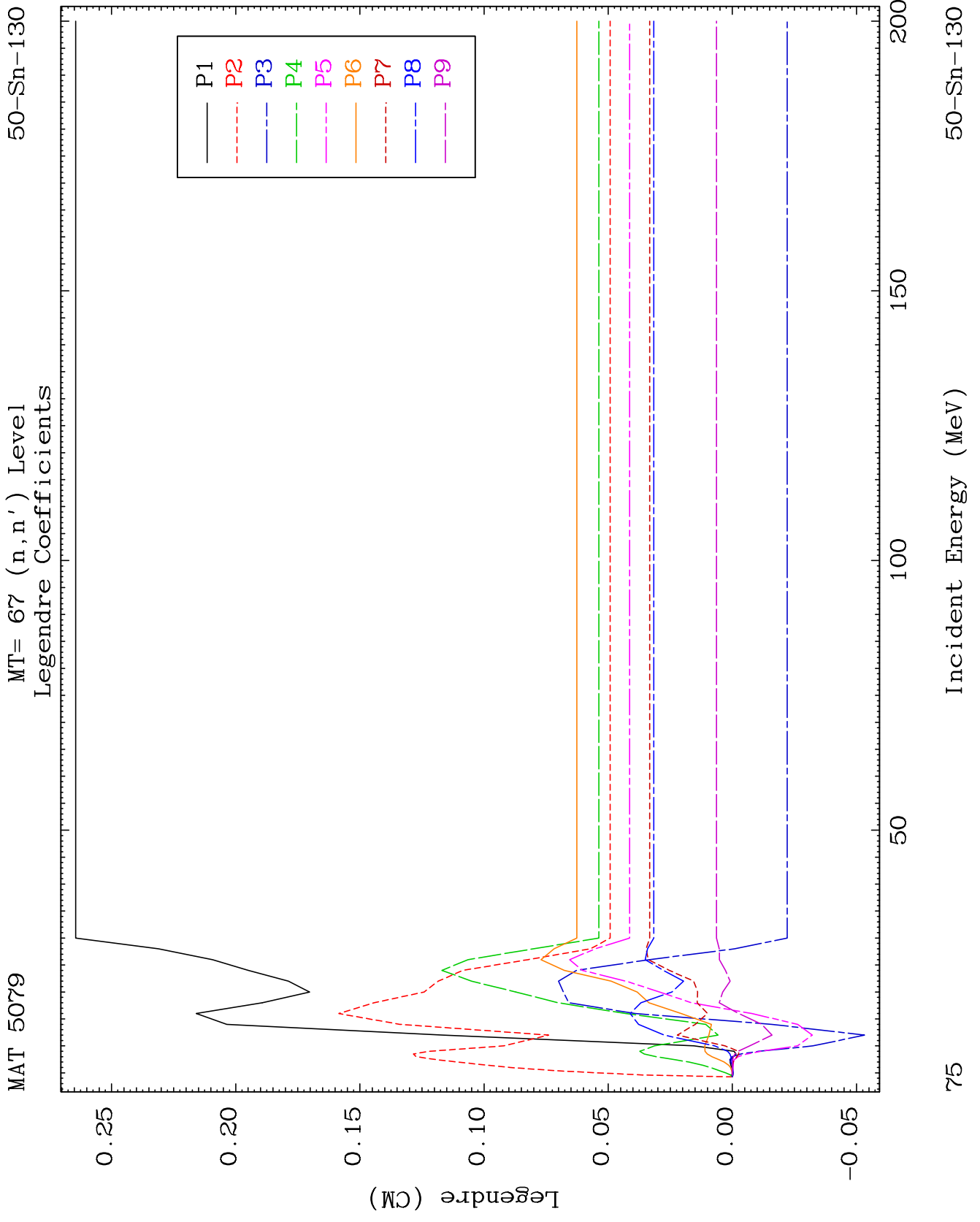


MAT 5079

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

50-Sn-130

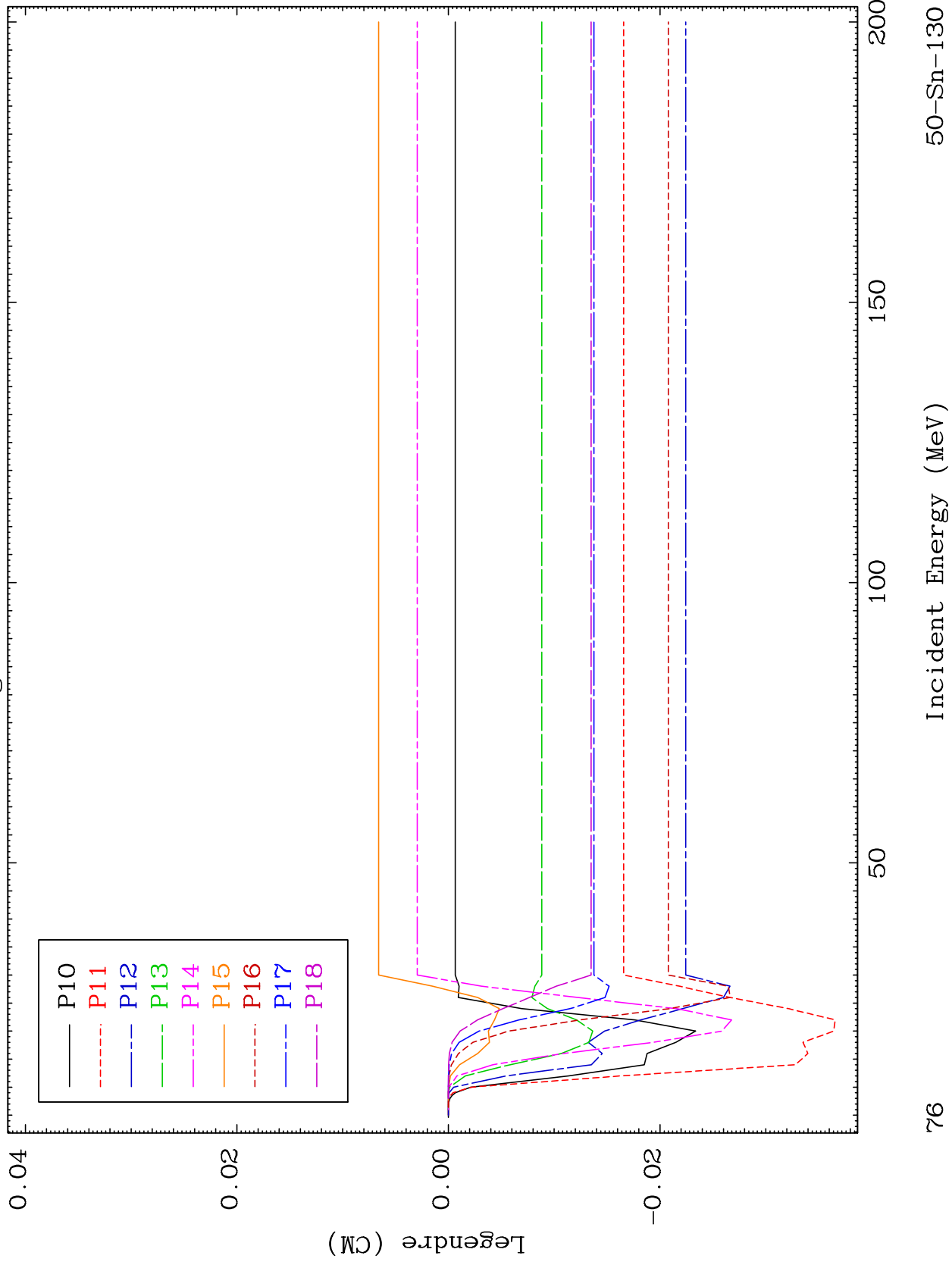




MAT 5079

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

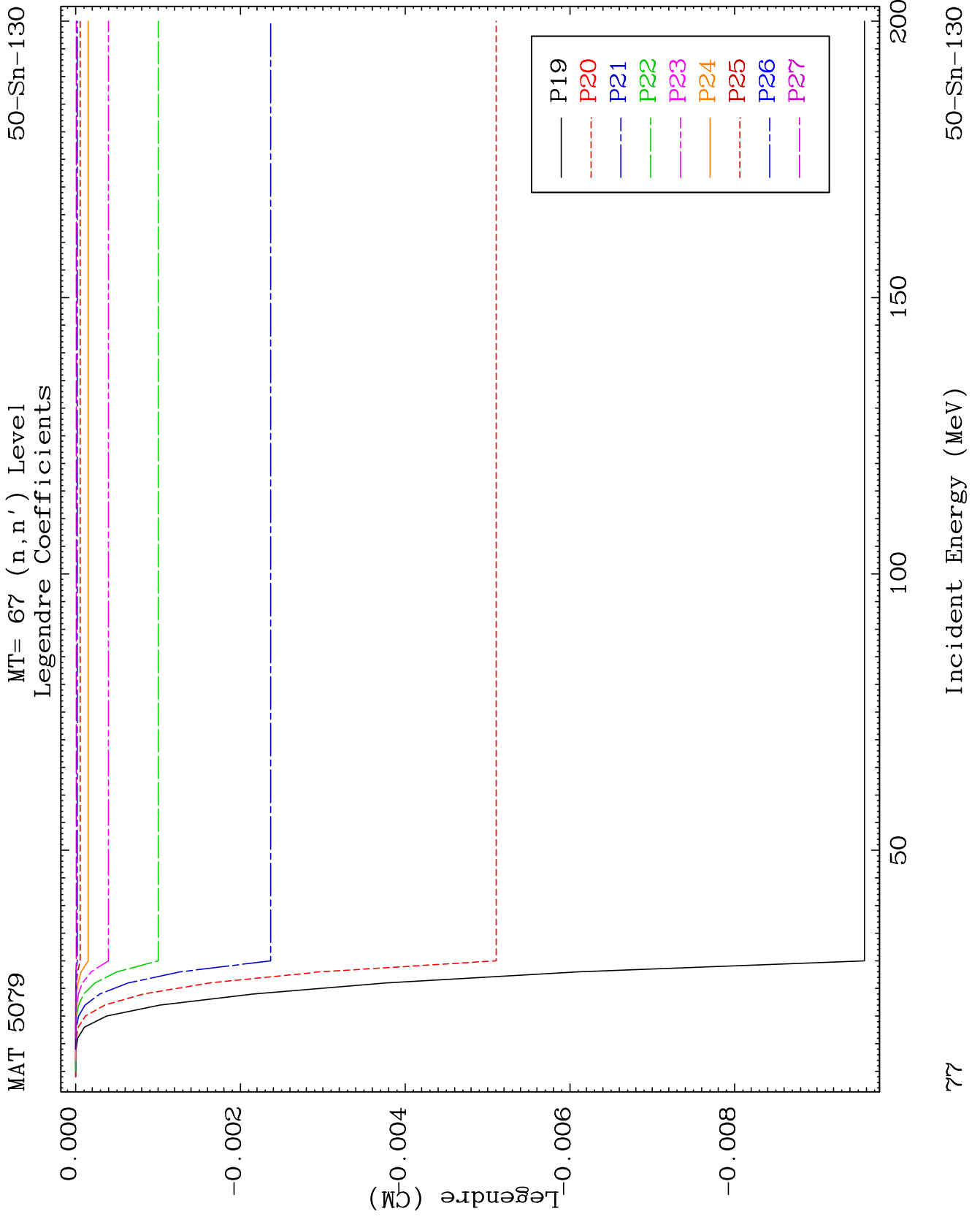
50-Sn-130

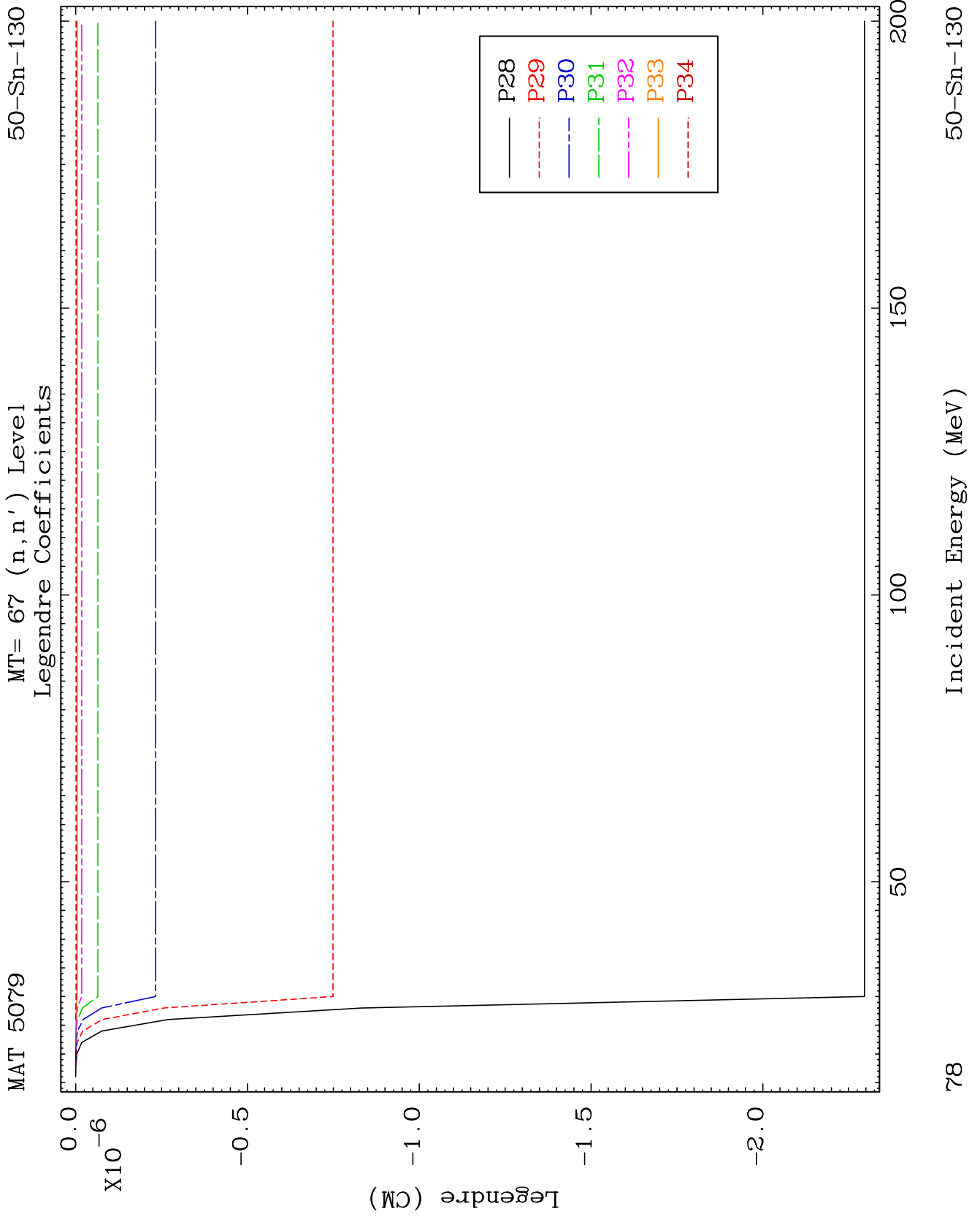


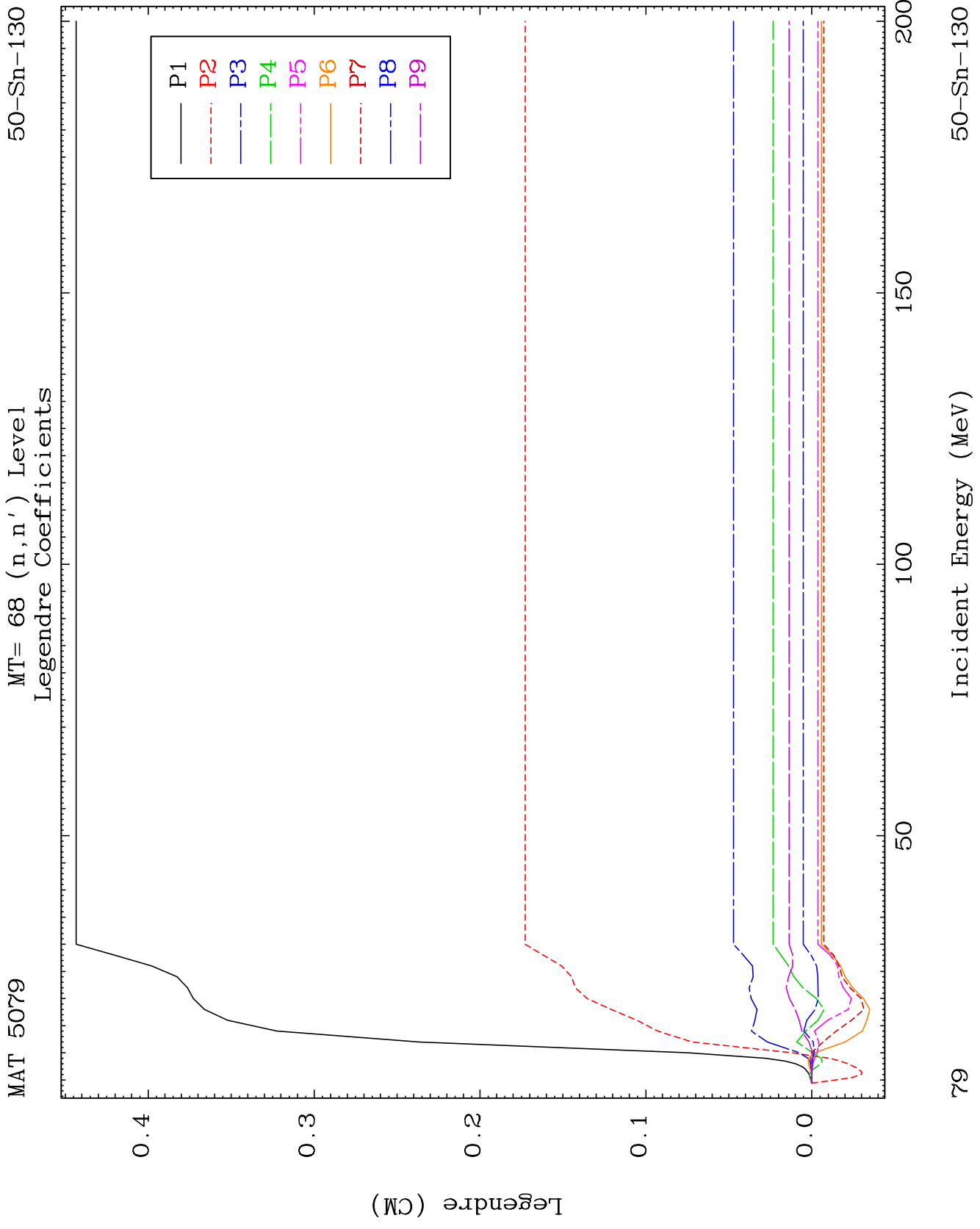
76

Incident Energy (MeV)

50-Sn-130



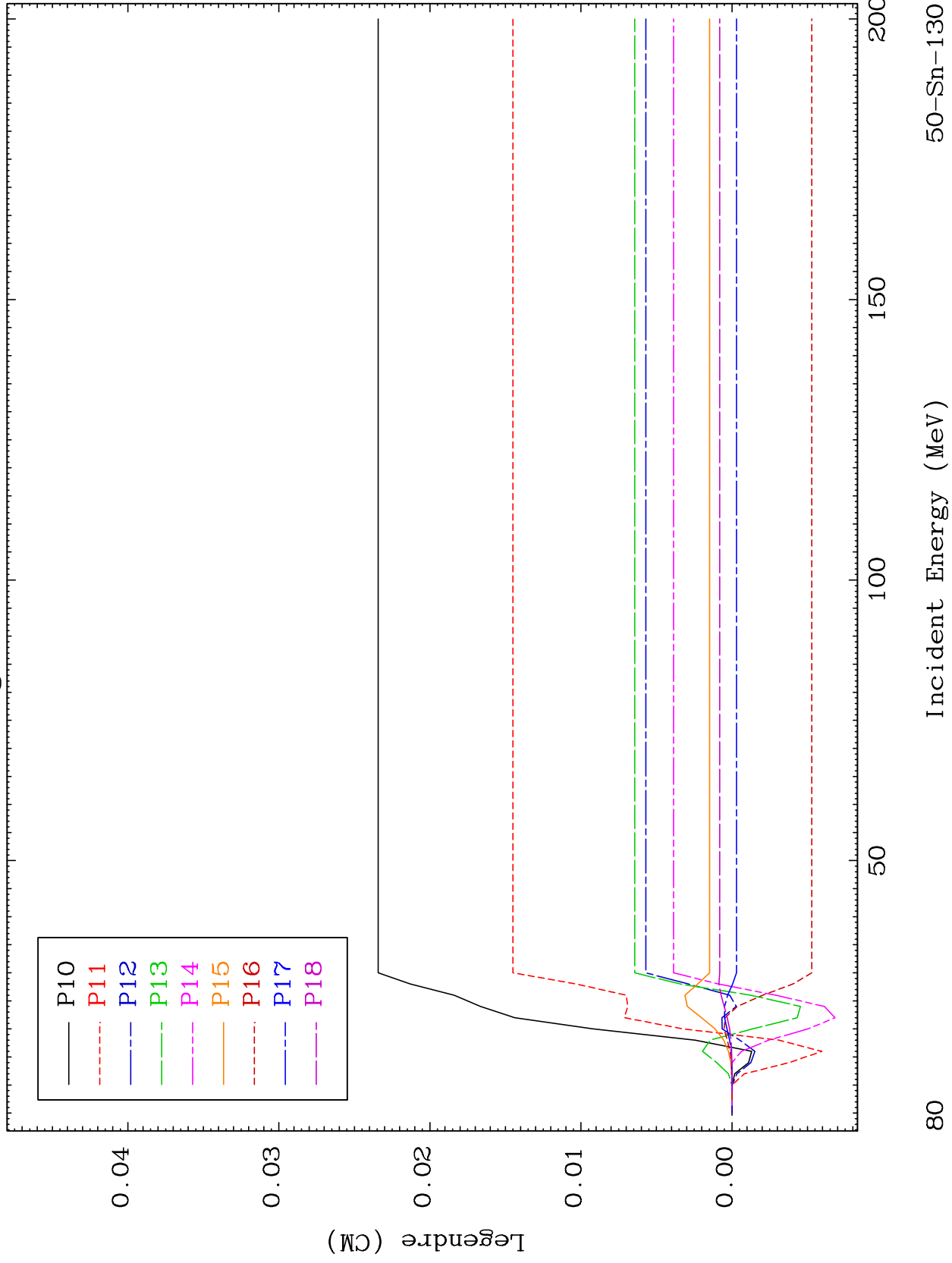




MAT 5079

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

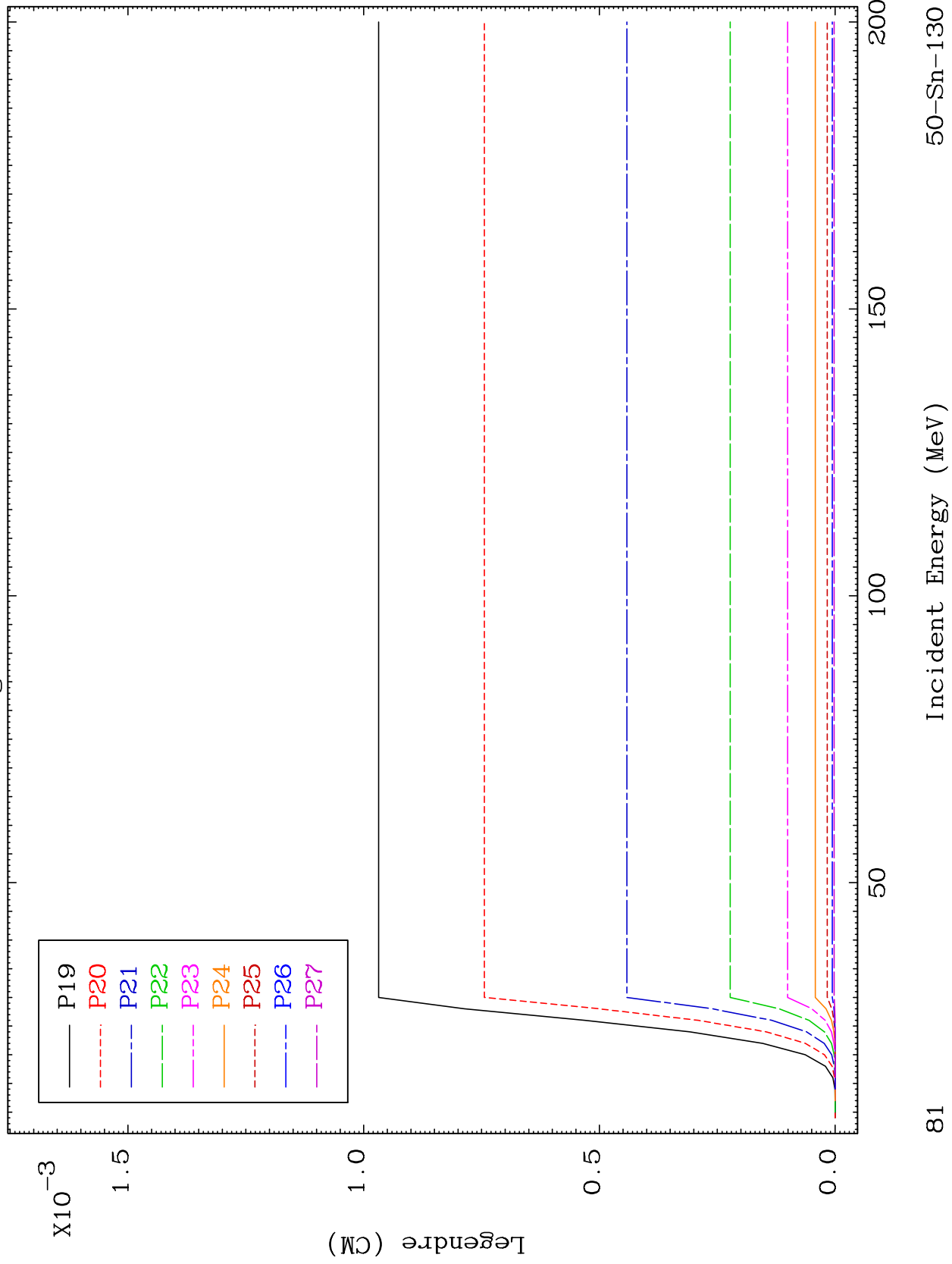
50-Sn-130



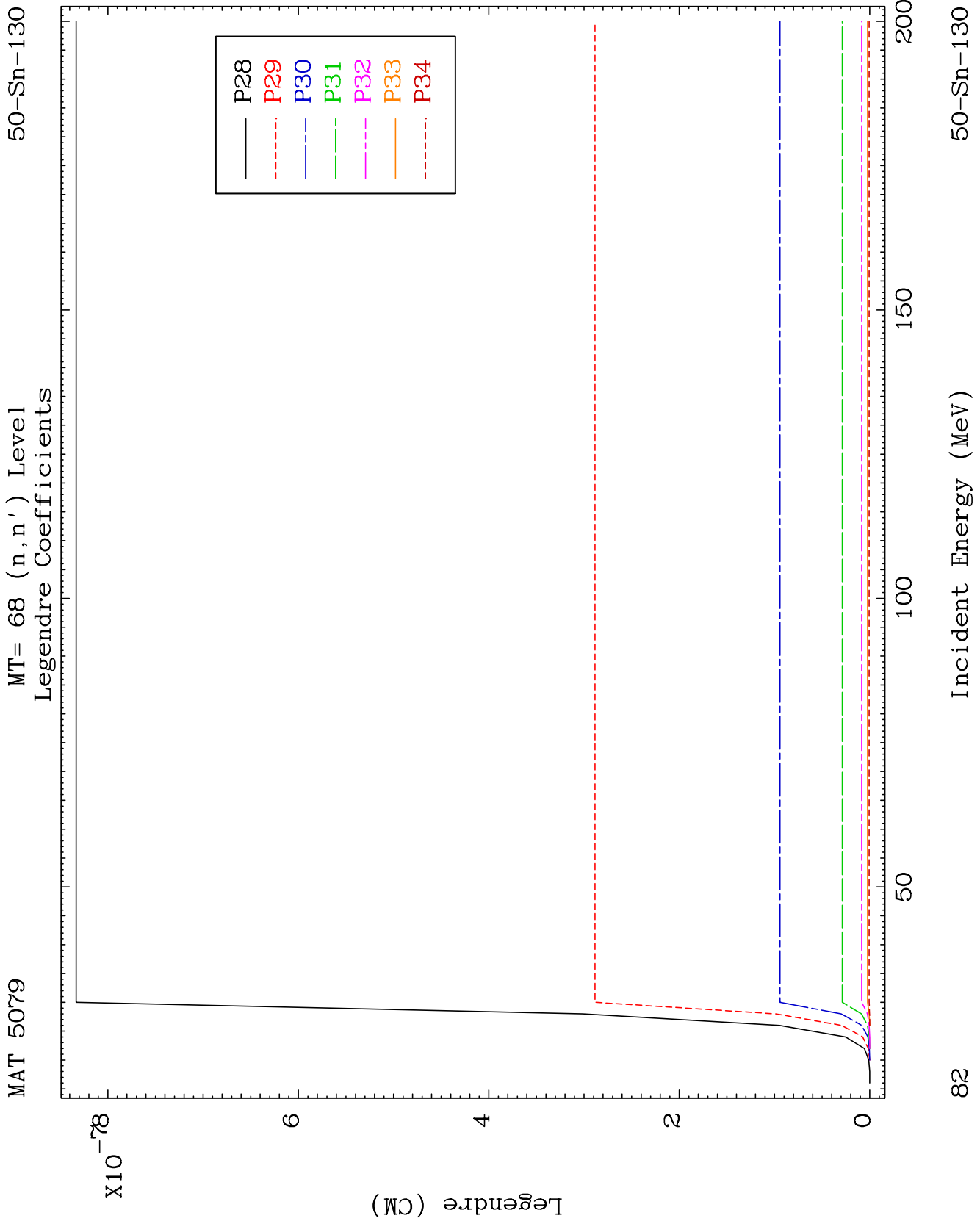
MAT 5079

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

50-Sn-130



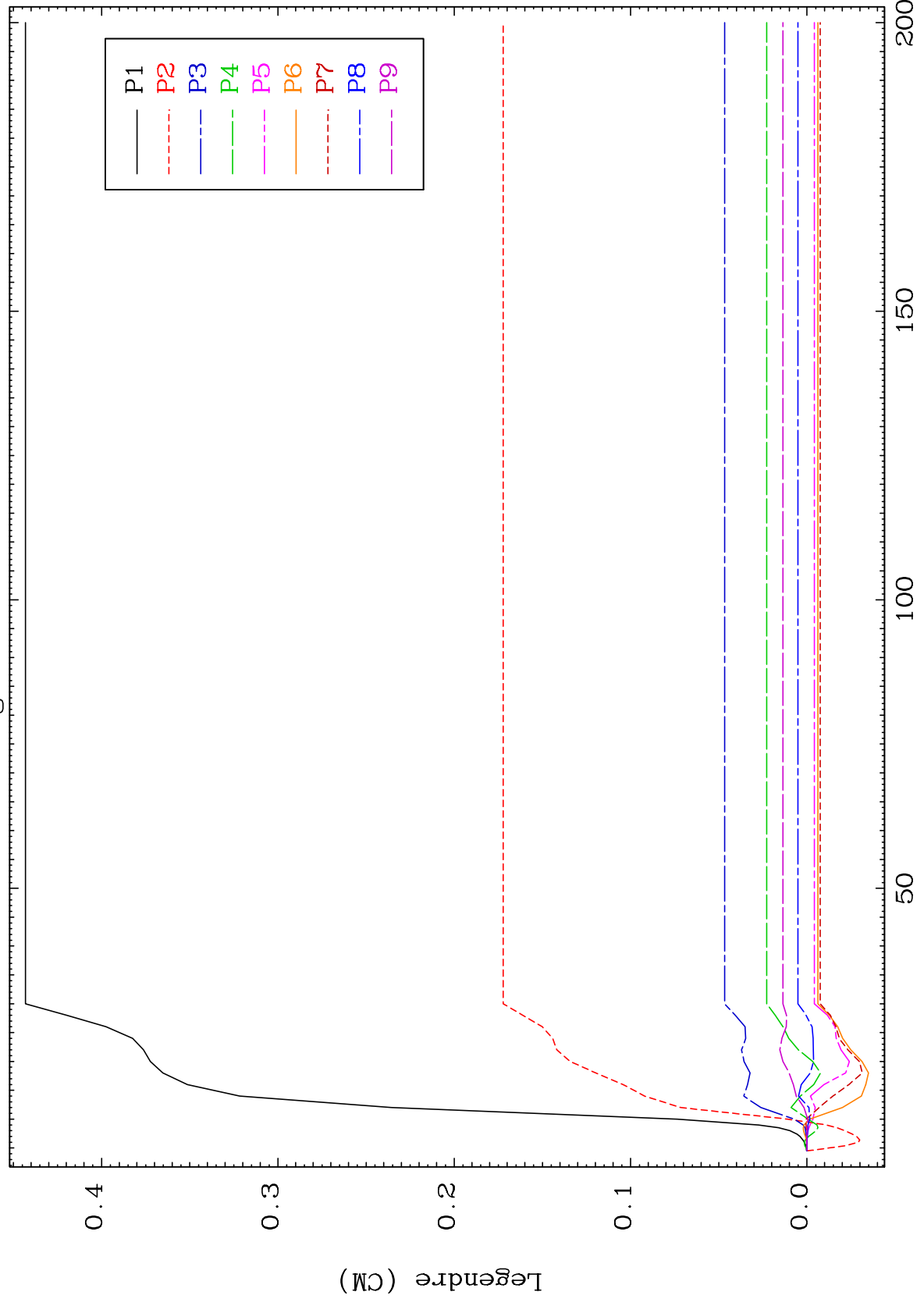
81



MAT 5079

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

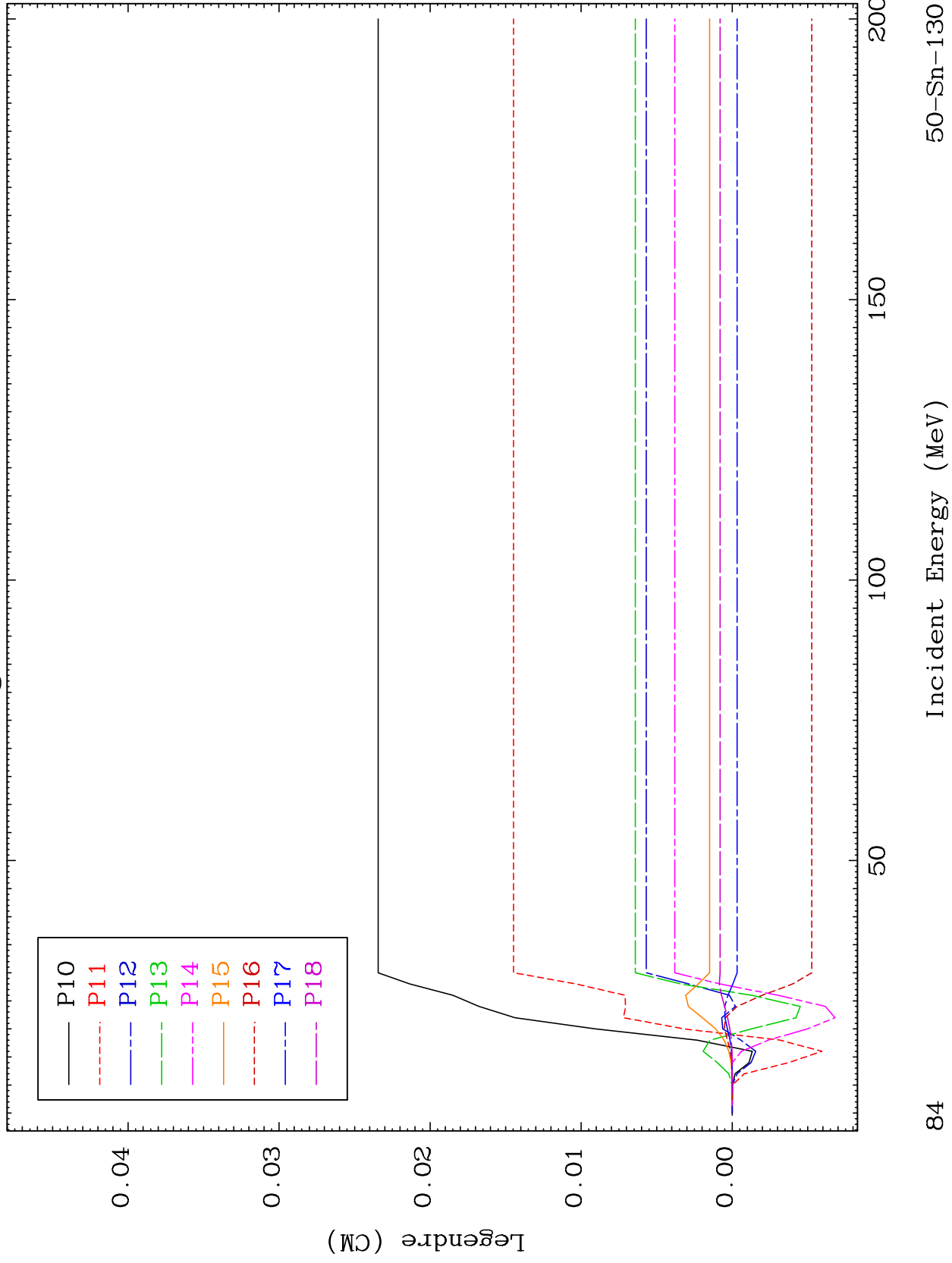
50-Sn-130

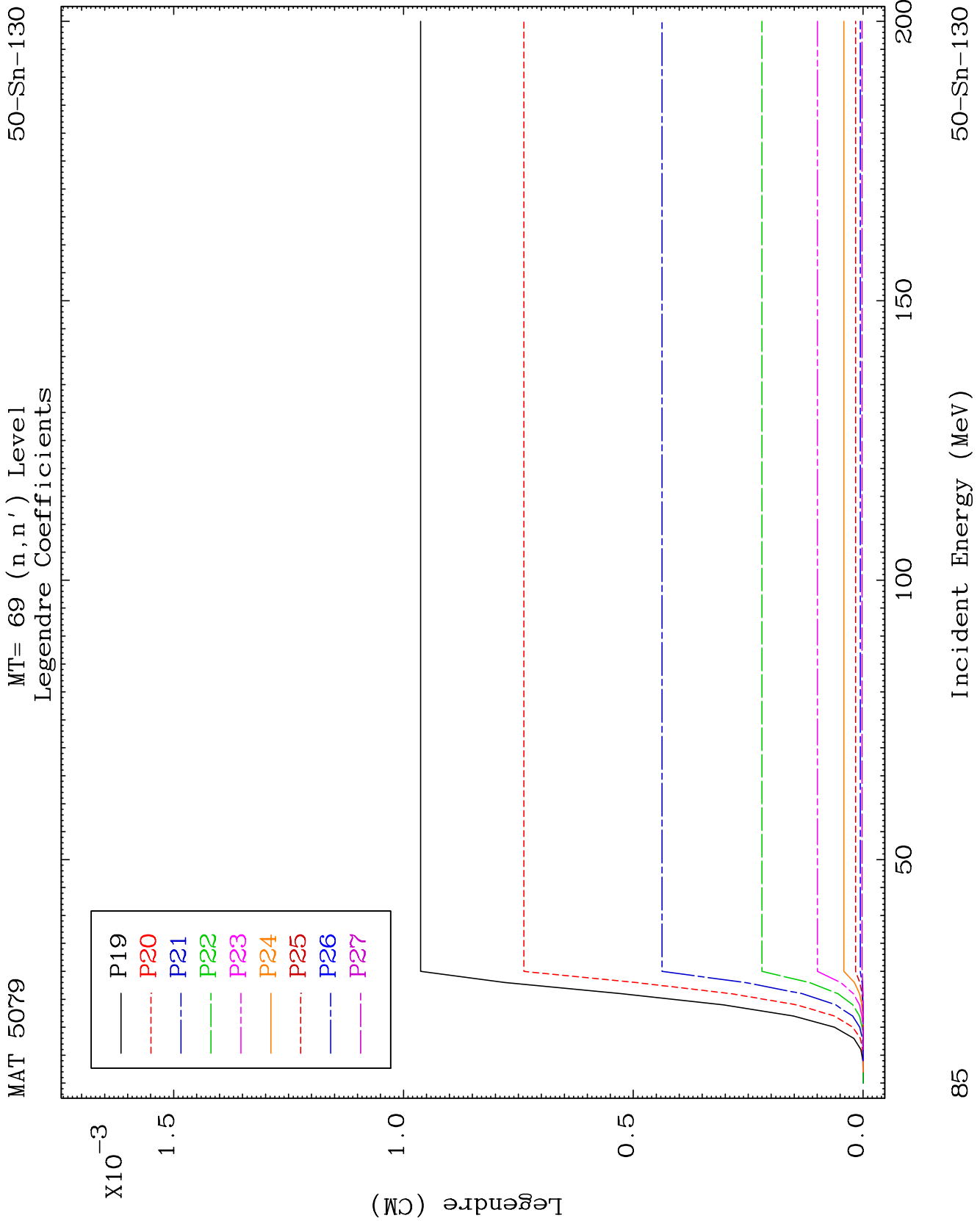


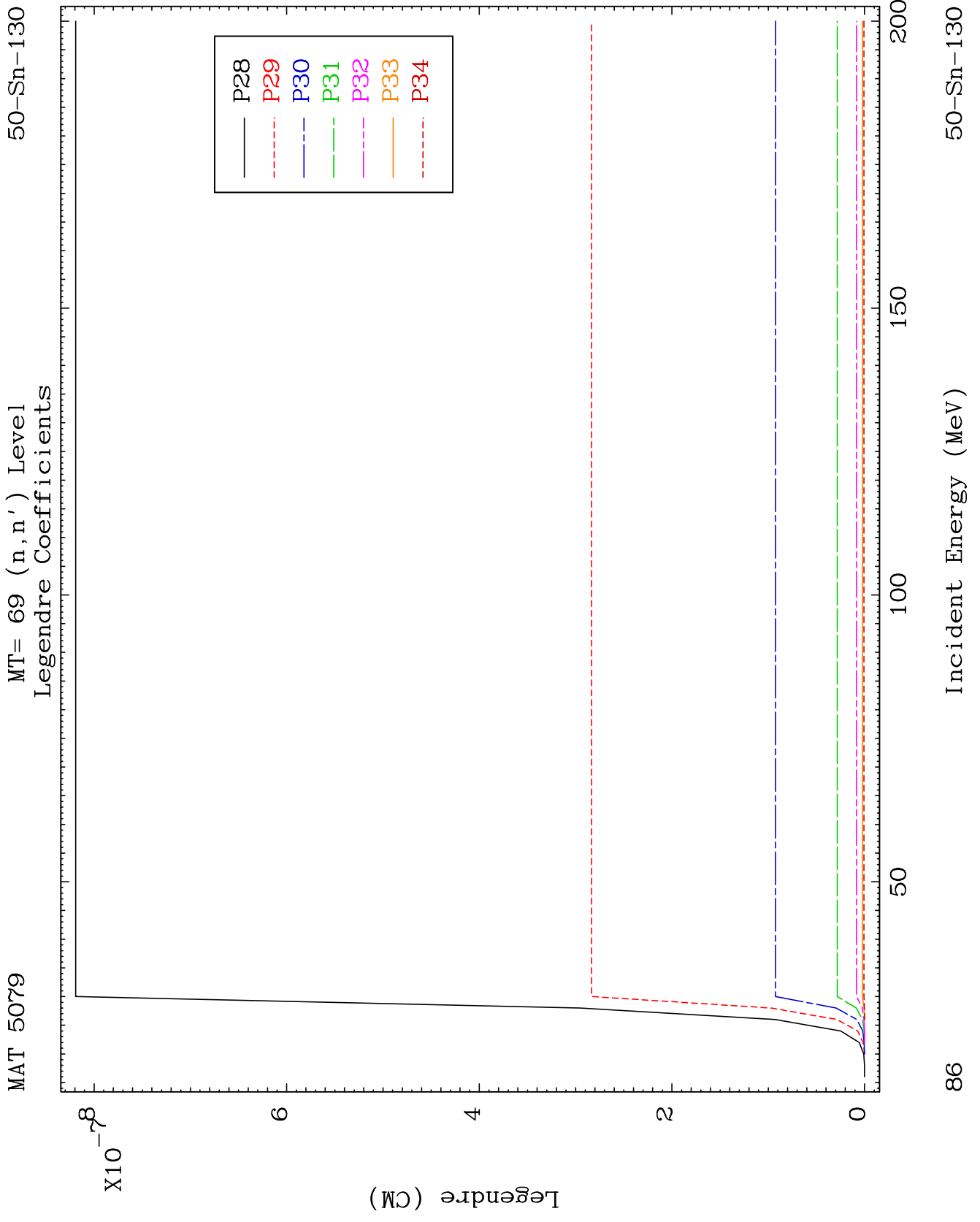
MAT 5079

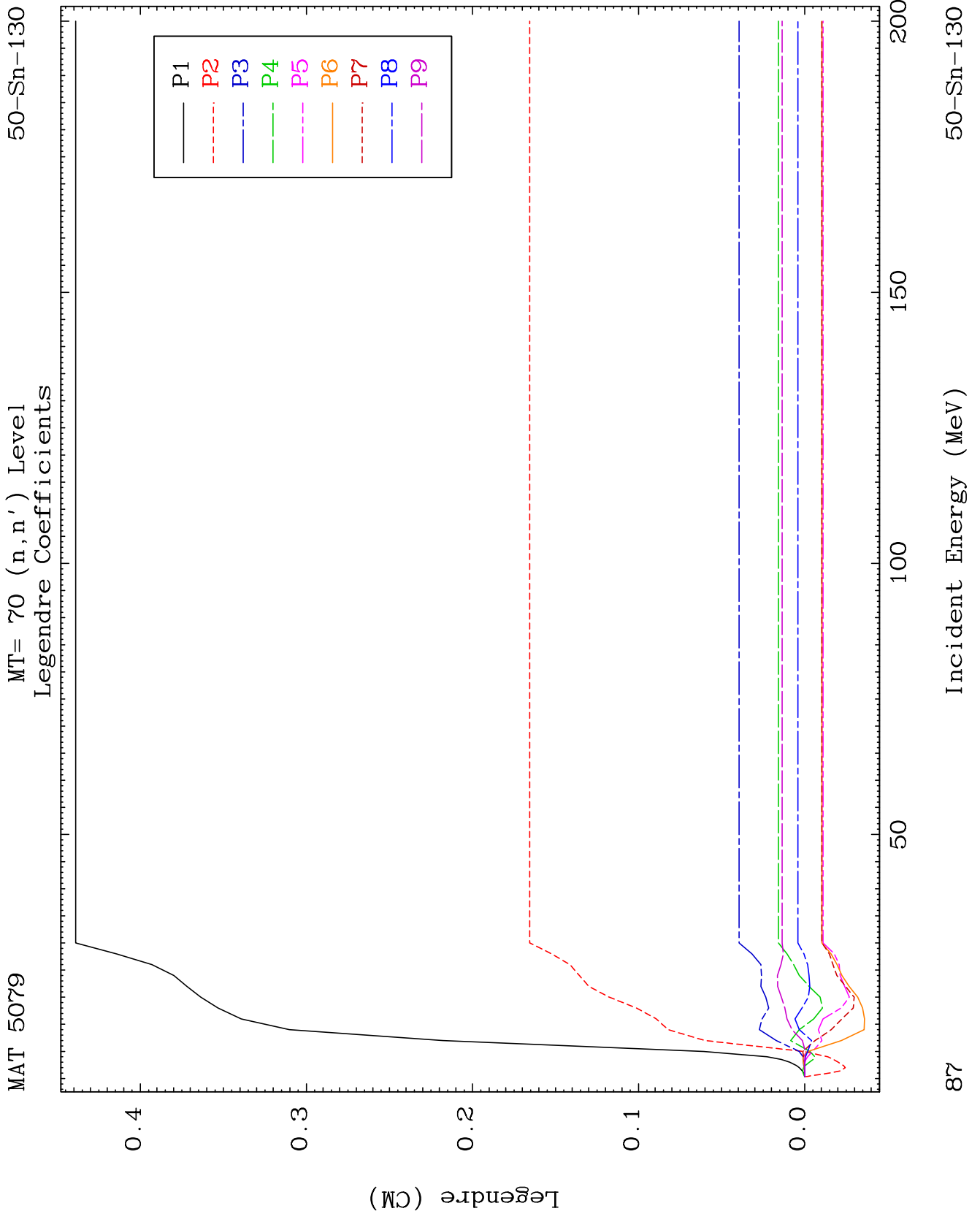
MT= 69 (n,n') Level
Legendre Coefficients

50-Sn-130





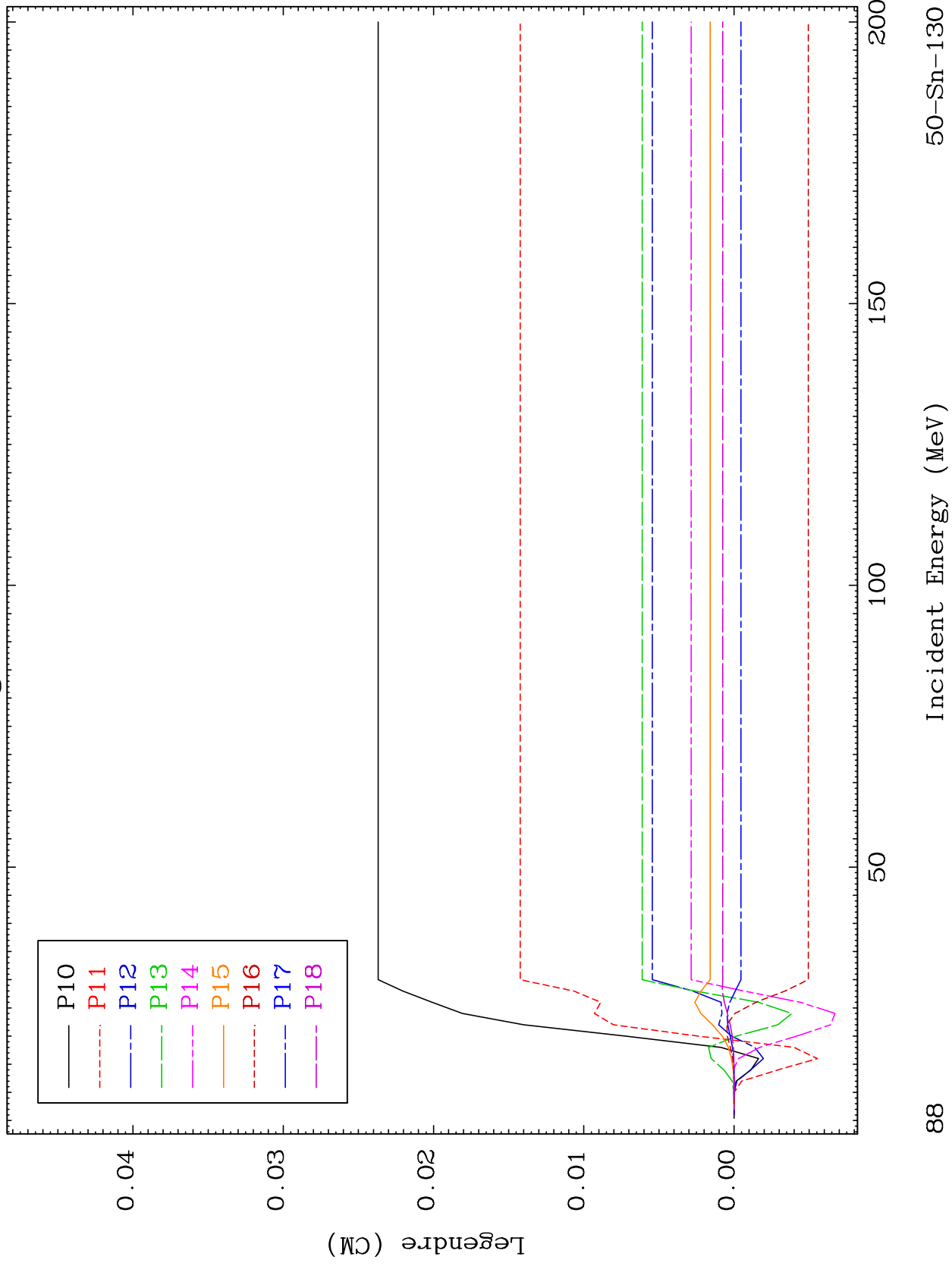


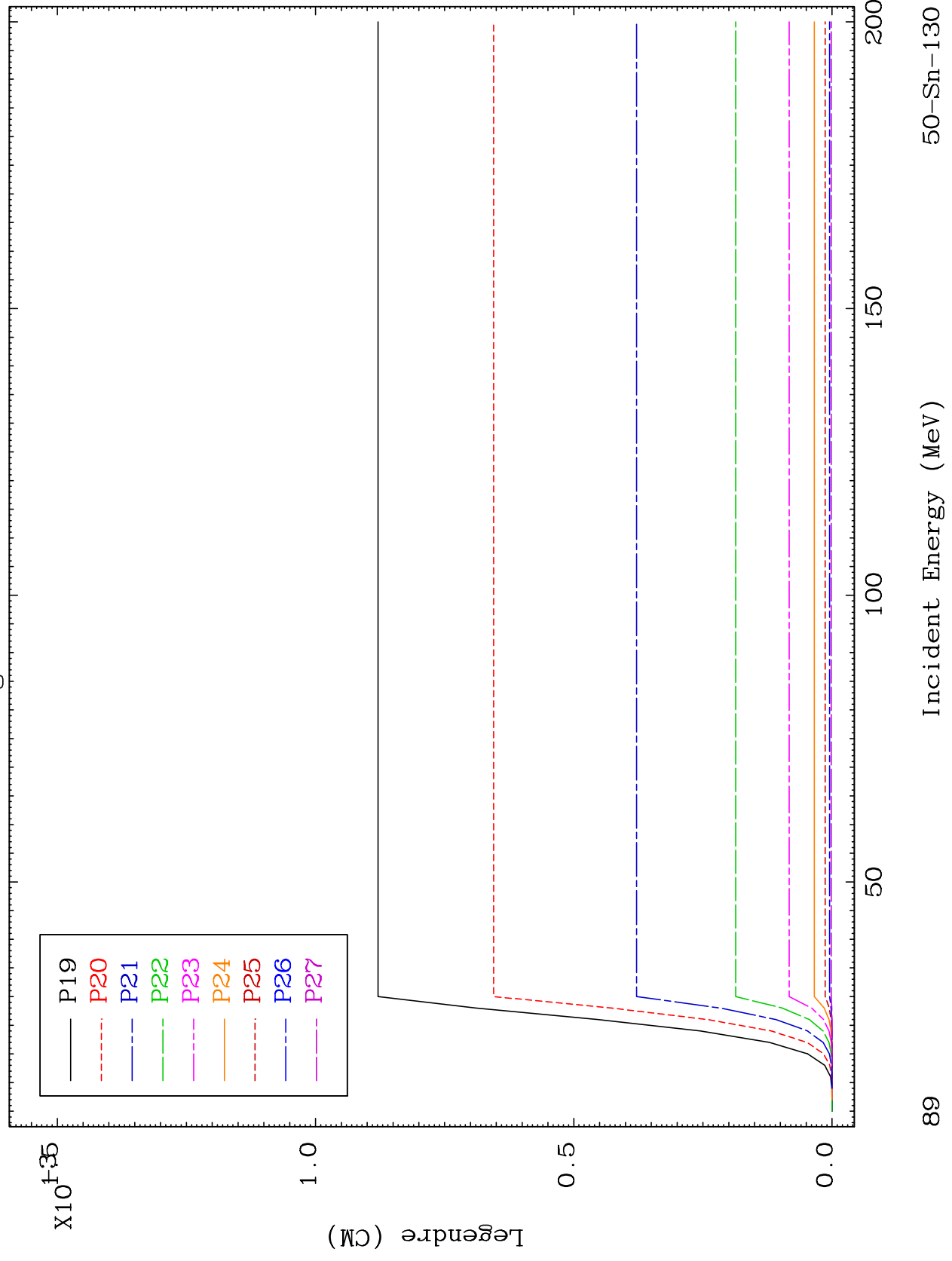


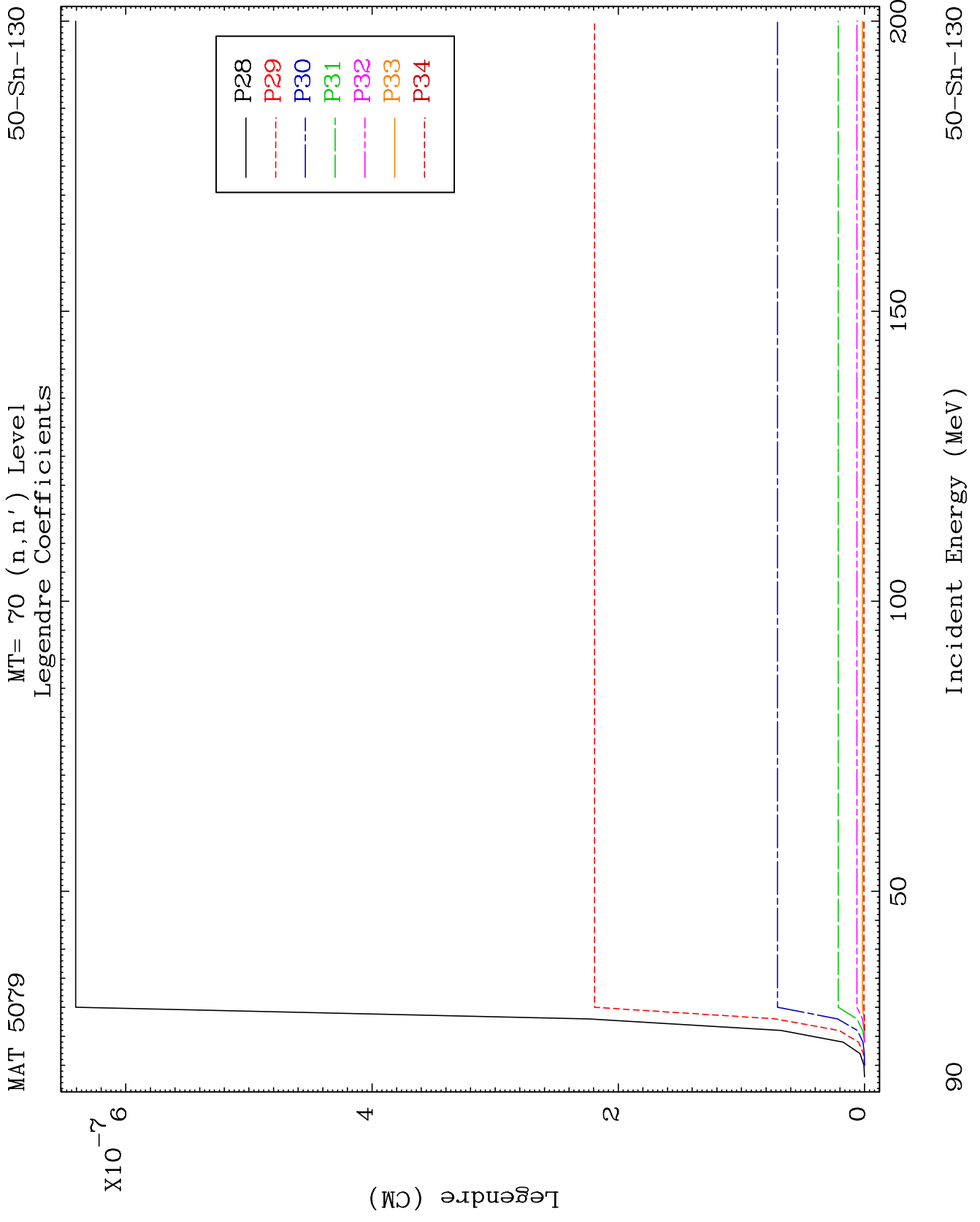
MAT 5079

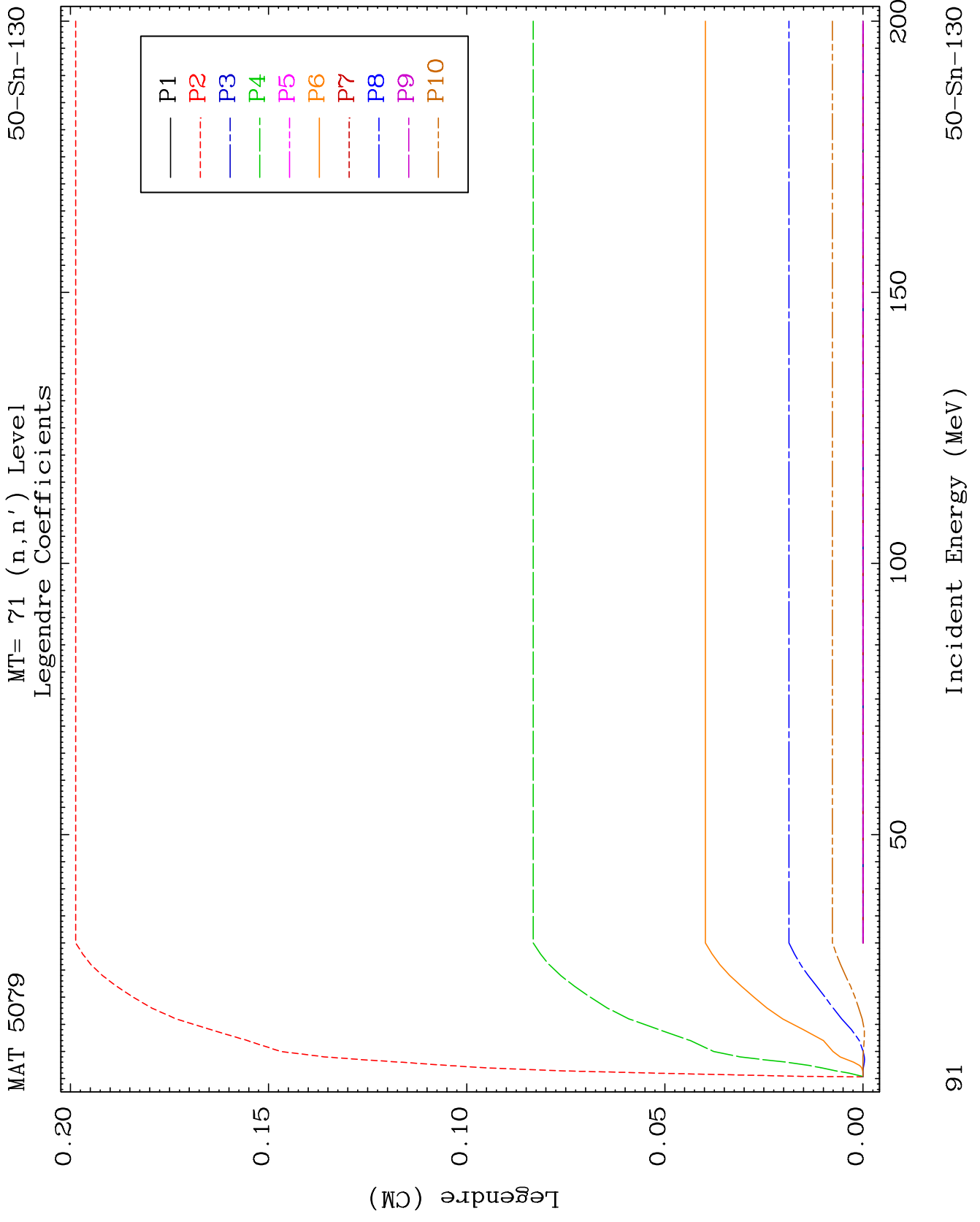
MT= 70 (n,n') Level
Legendre Coefficients

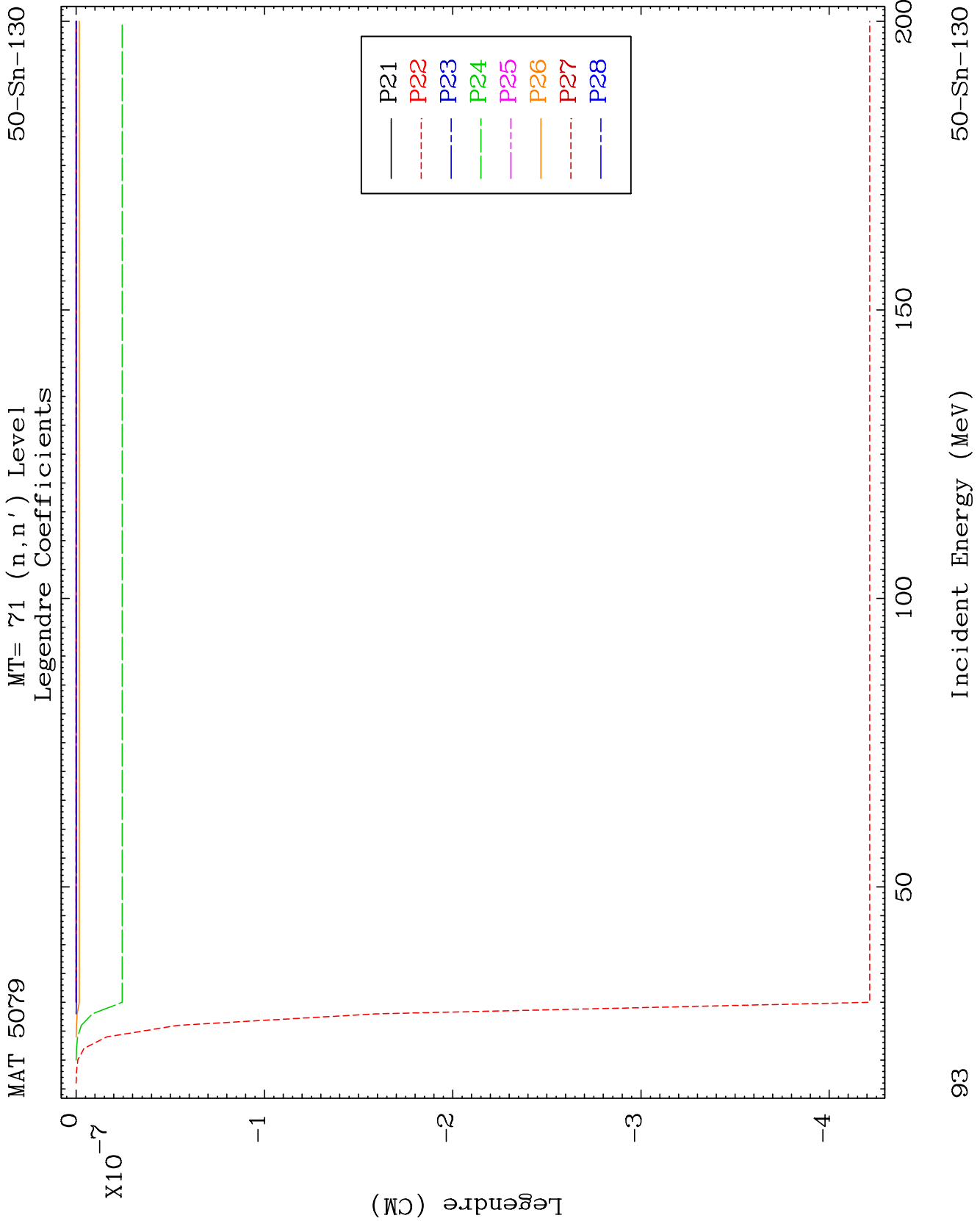
50-Sn-130







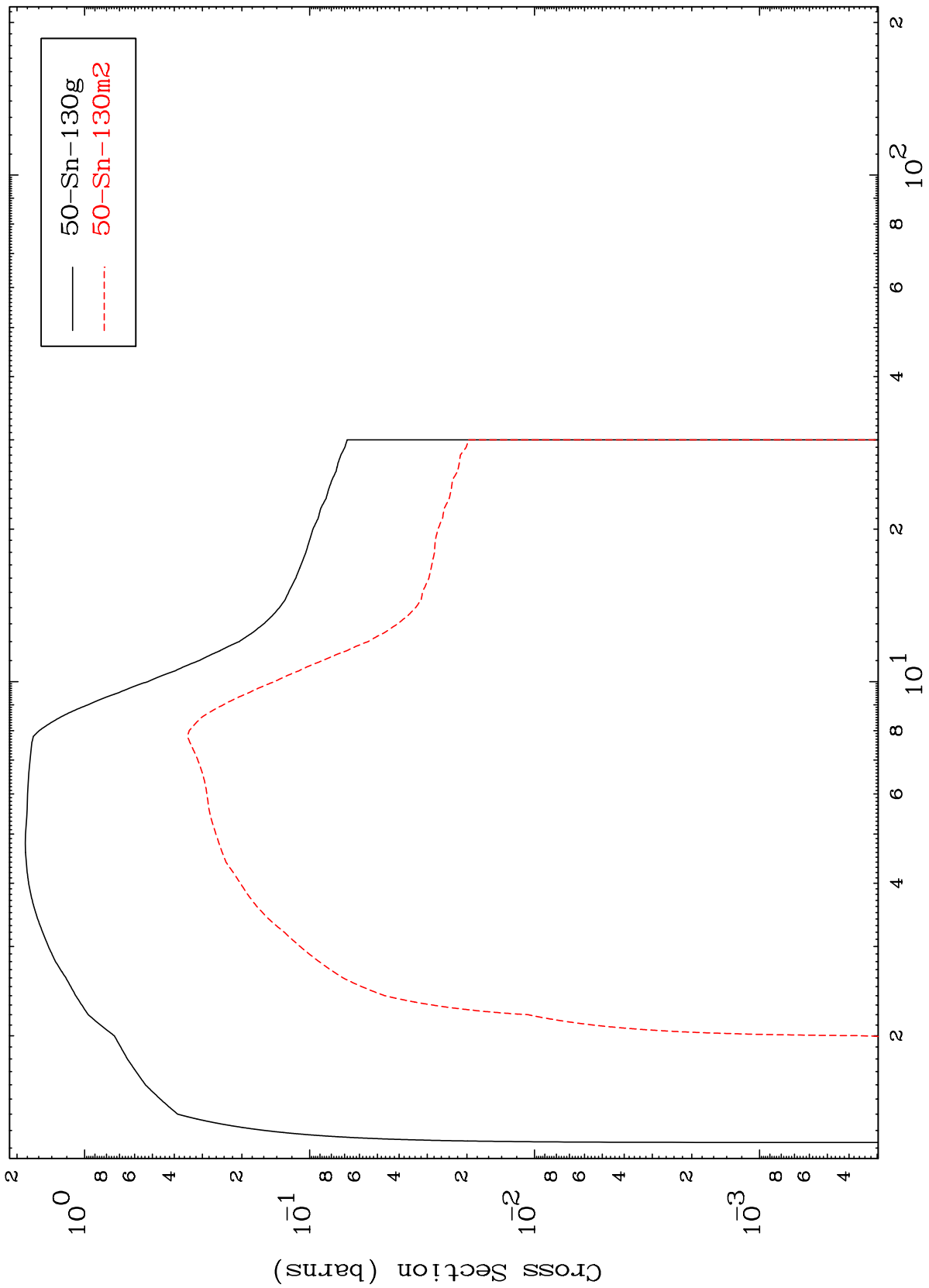


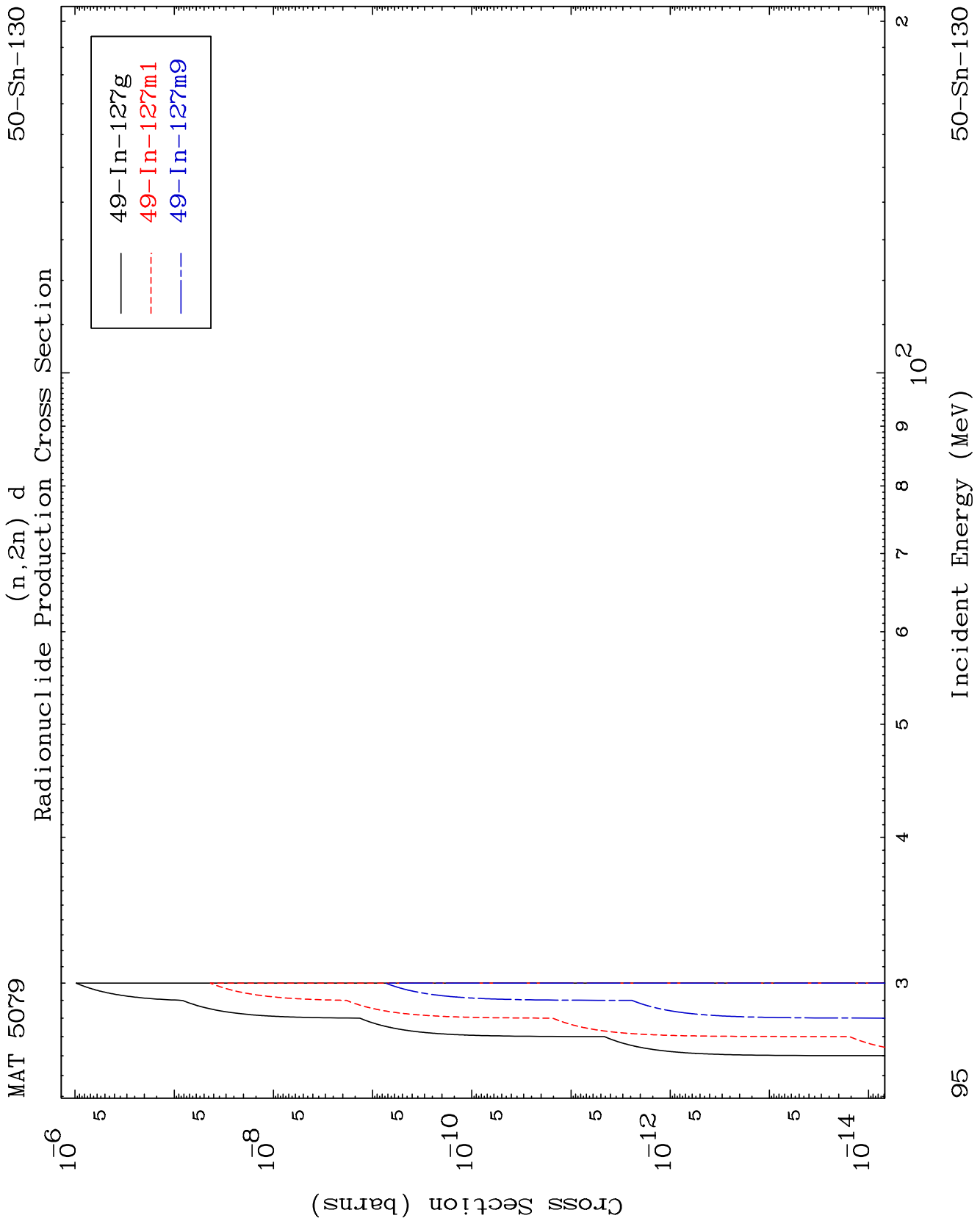


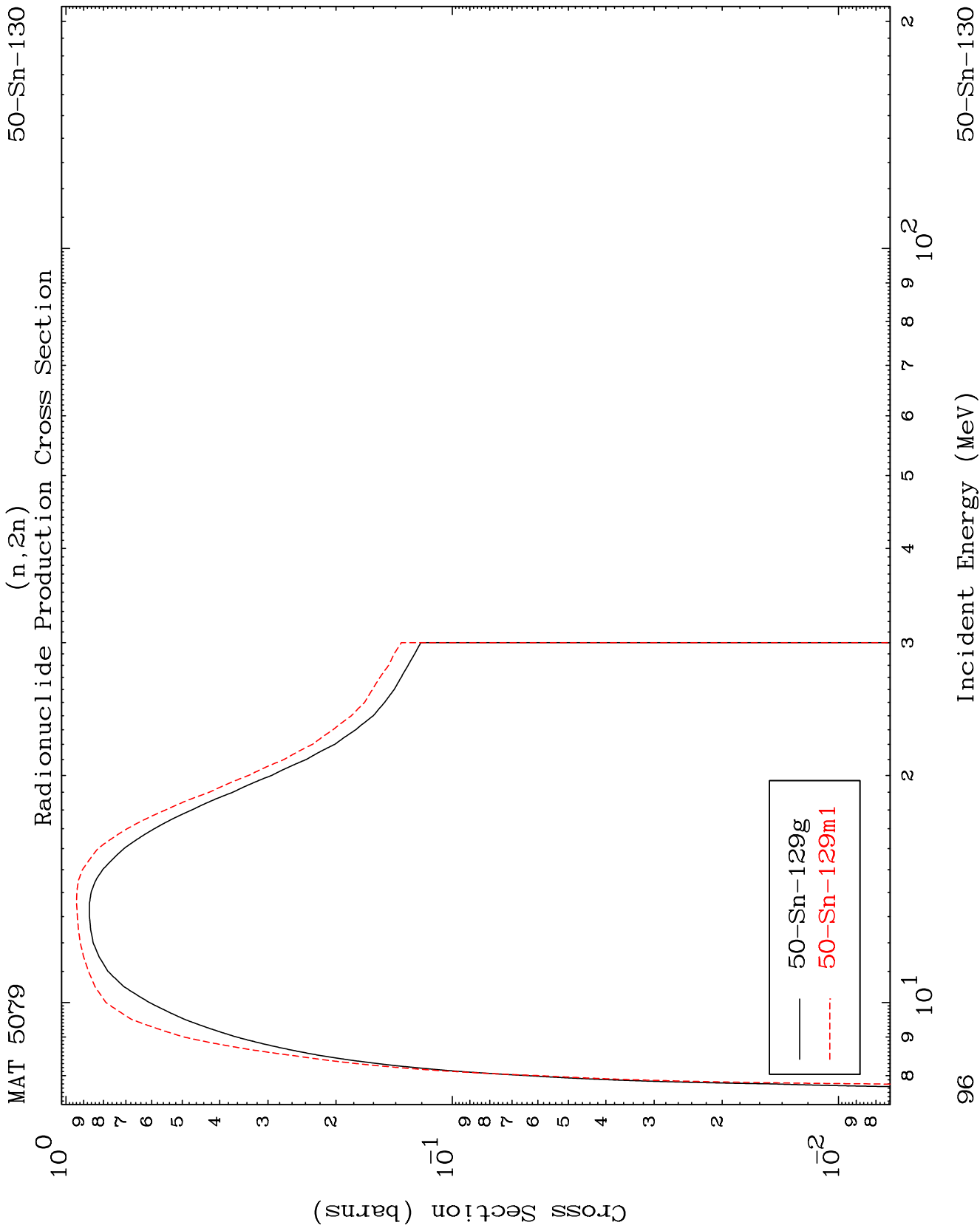
MAT 5079

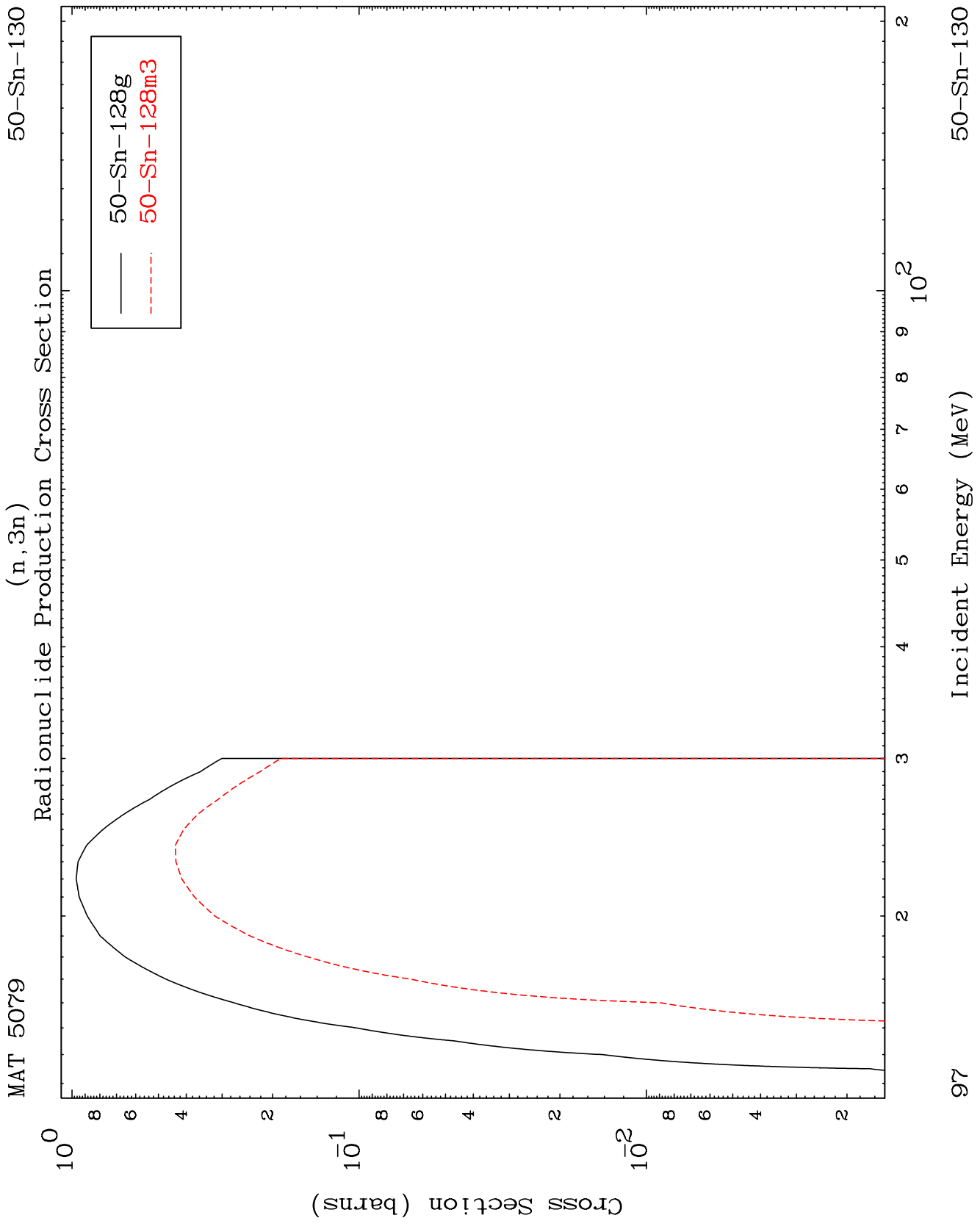
50-Sn-130

Inelastic
Radionuclide Production Cross Section

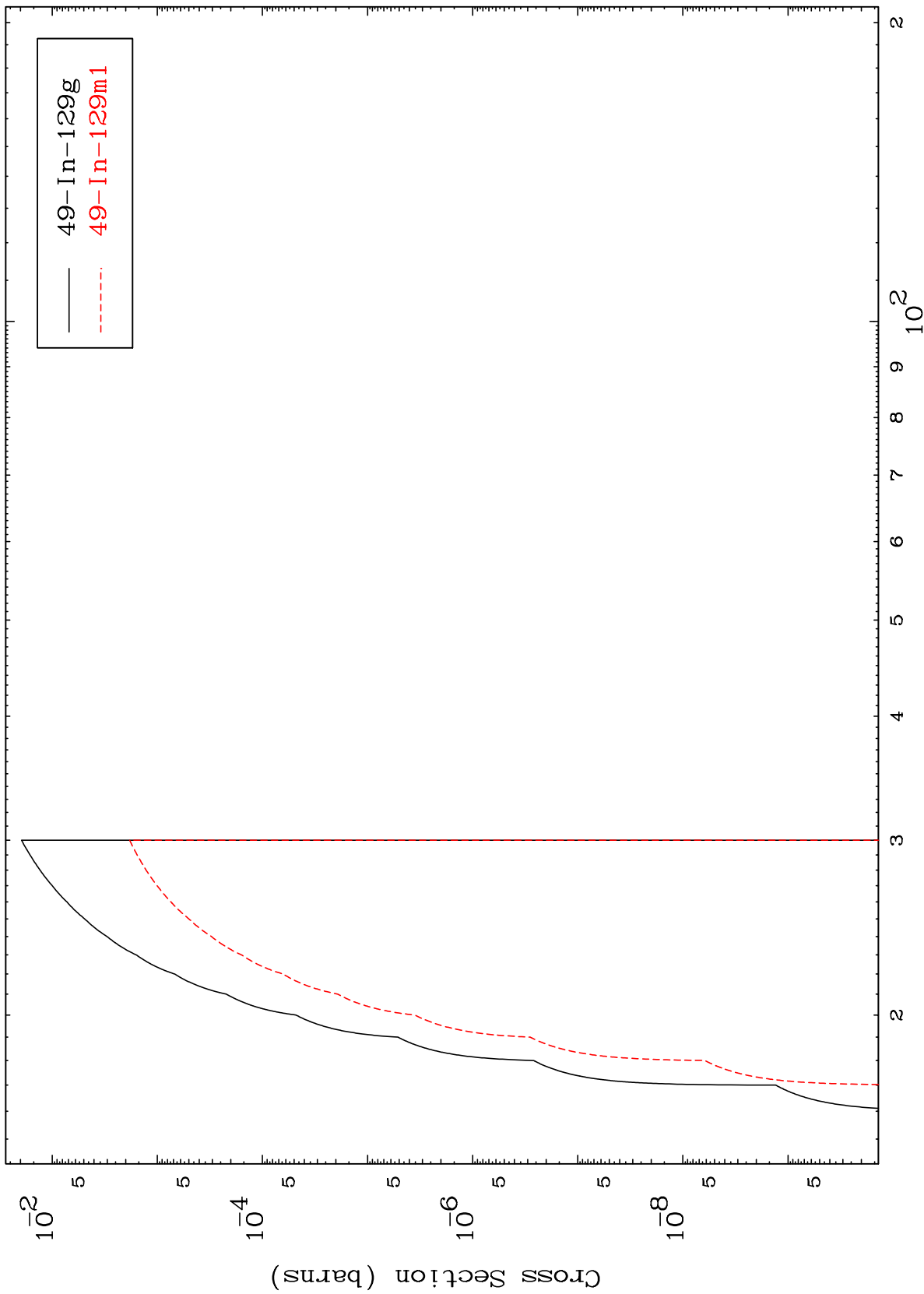








Radionuclide Production Cross Section

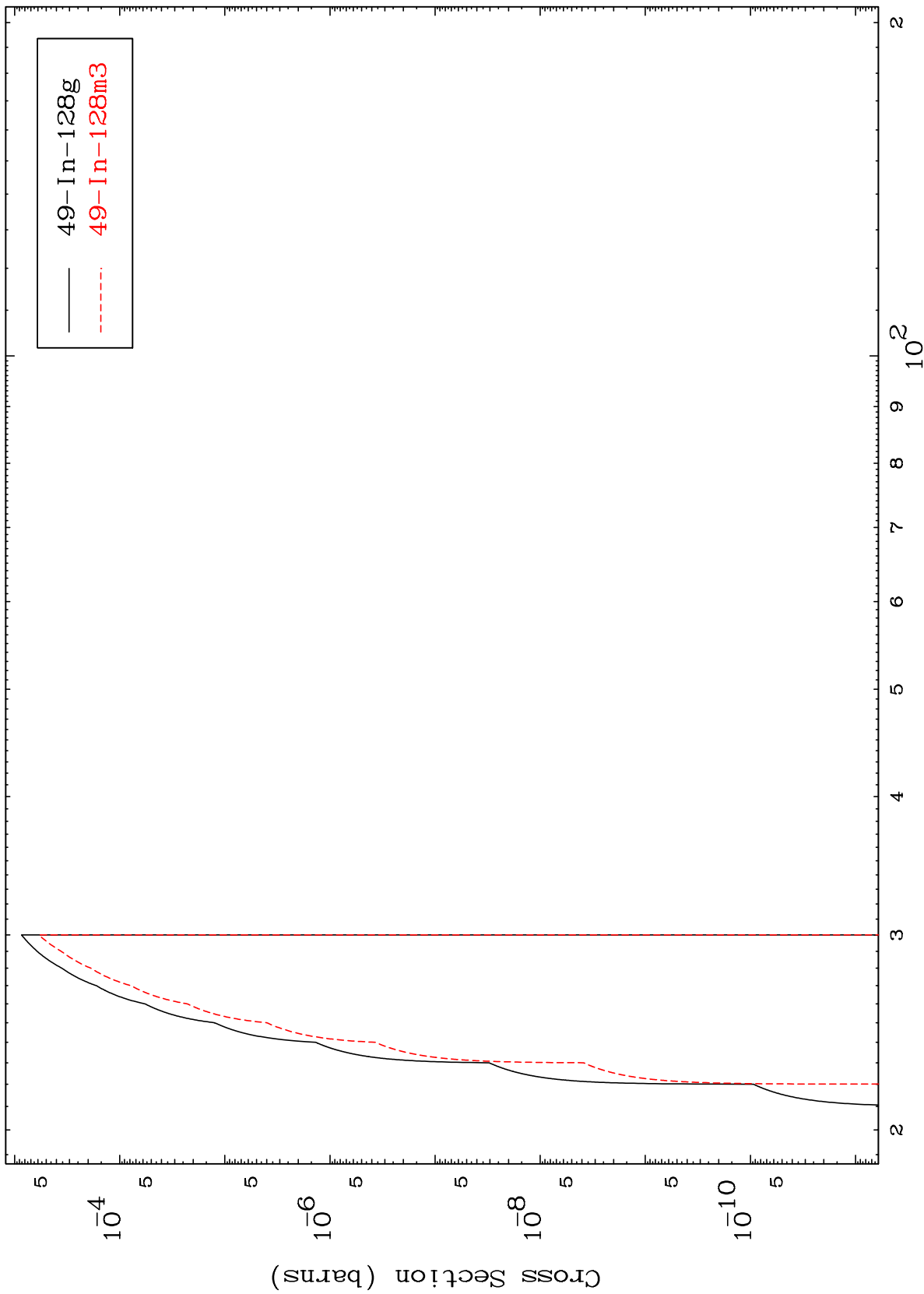


49-In-129g
49-In-129m1

MAT 5079

50-Sn-130

(n, n') d
Radionuclide Production Cross Section



99

Incident Energy (MeV)

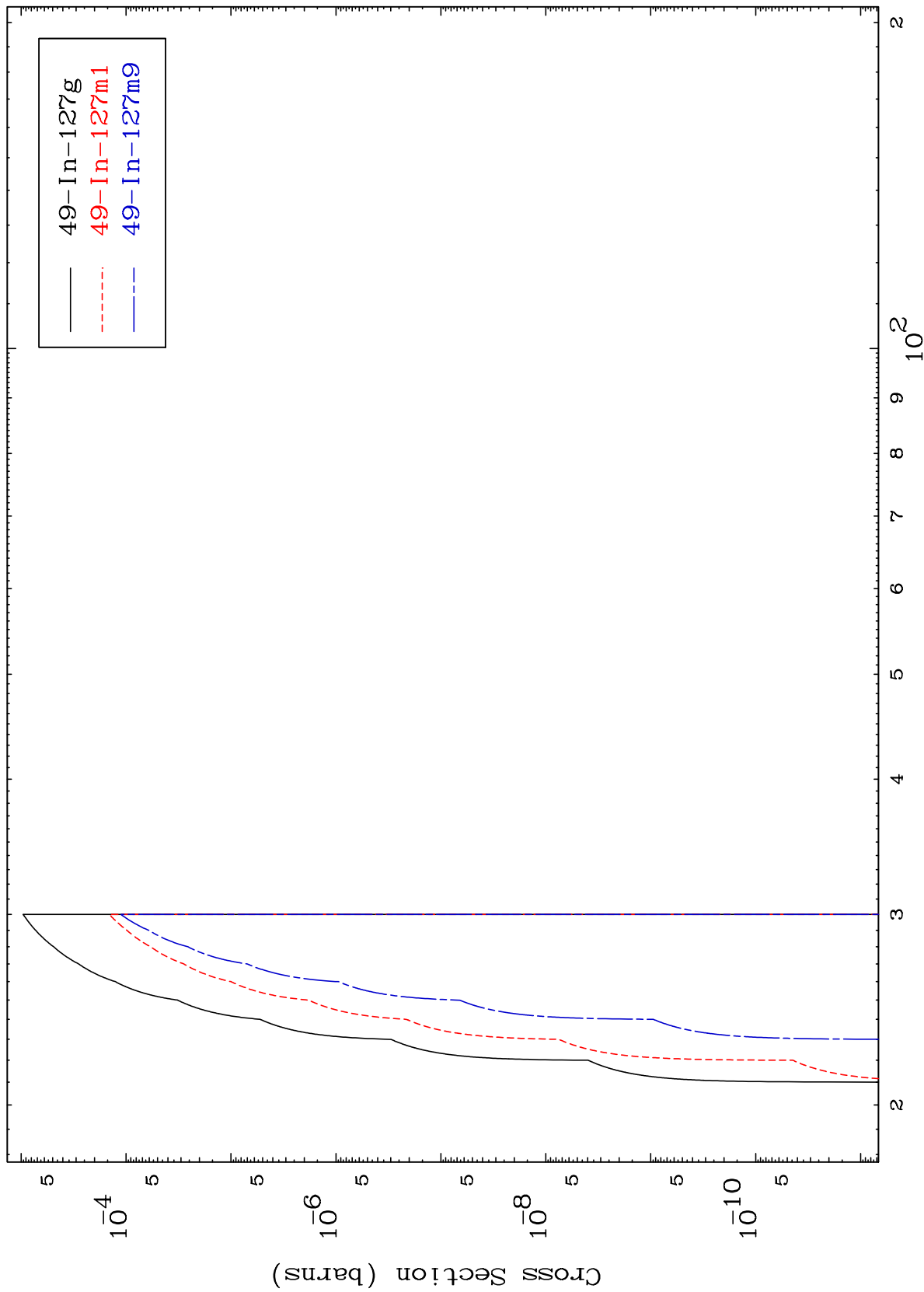
50-Sn-130

MAT 5079

(n,n') t

50-Sn-130

Radionuclide Production Cross Section



100

Incident Energy (MeV)

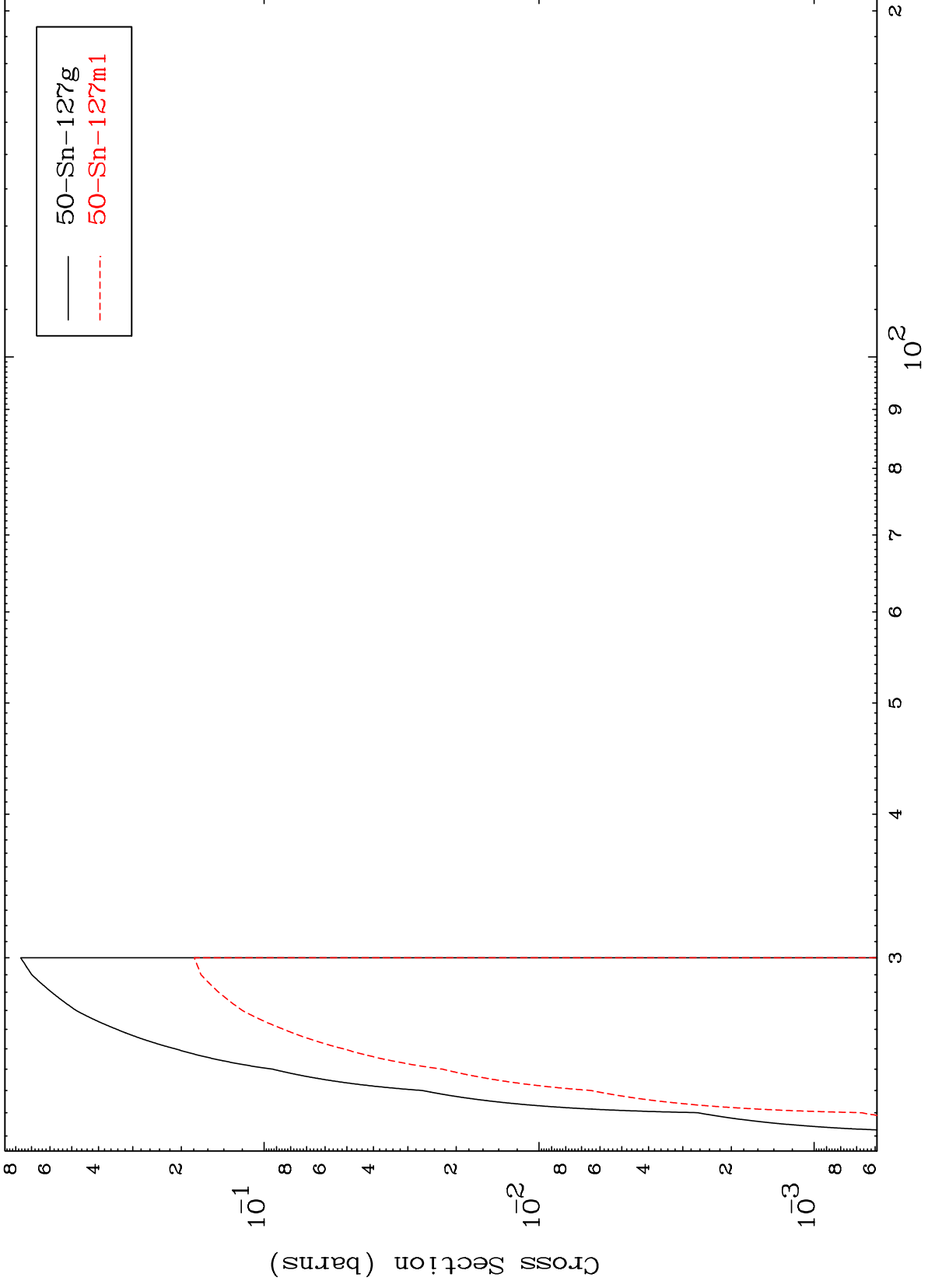
50-Sn-130

MAT 5079

(n,4n)

50-Sn-130

Radionuclide Production Cross Section



101

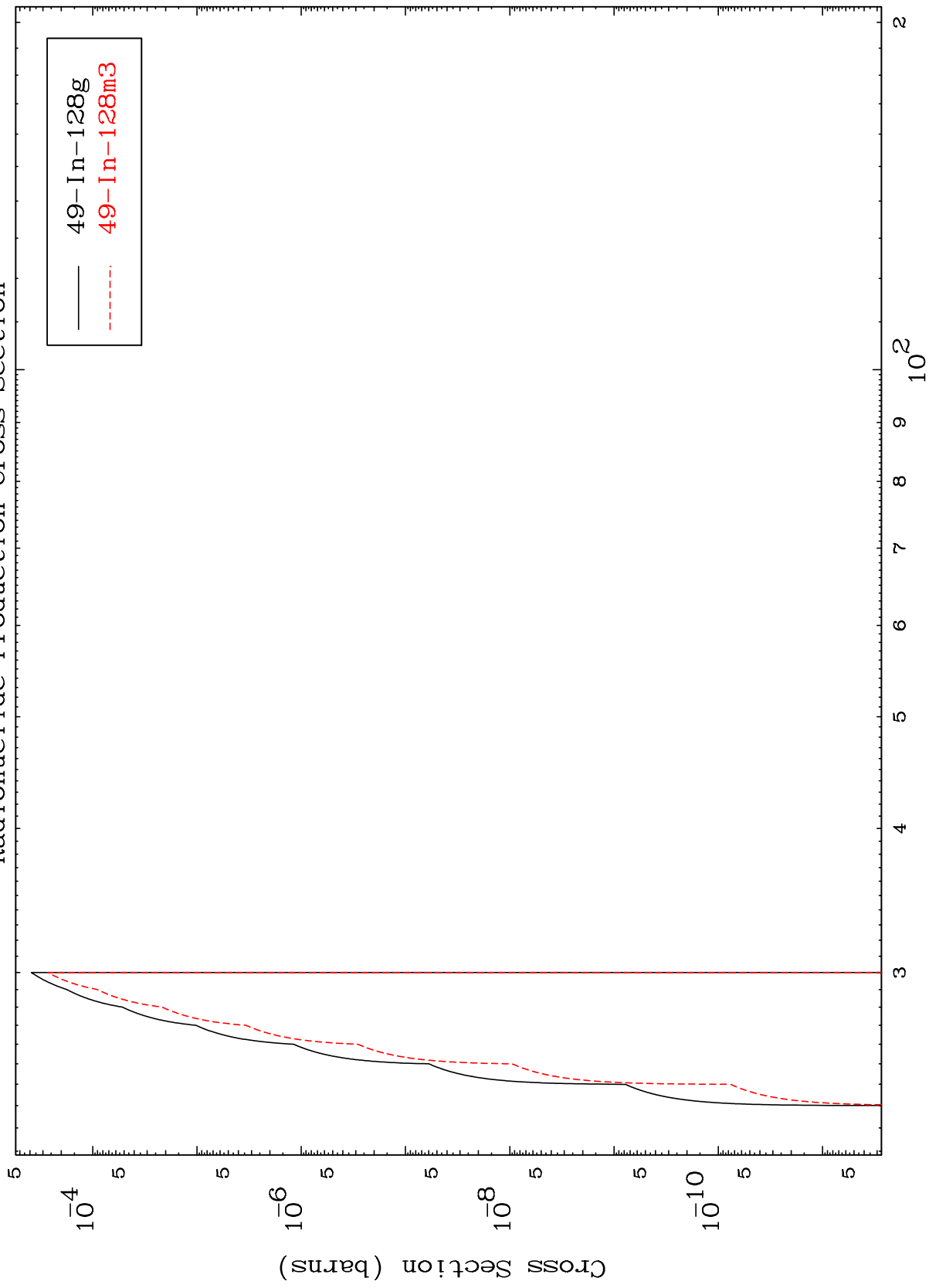
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n,2n) p
Radionuclide Production Cross Section



50-Sn-130

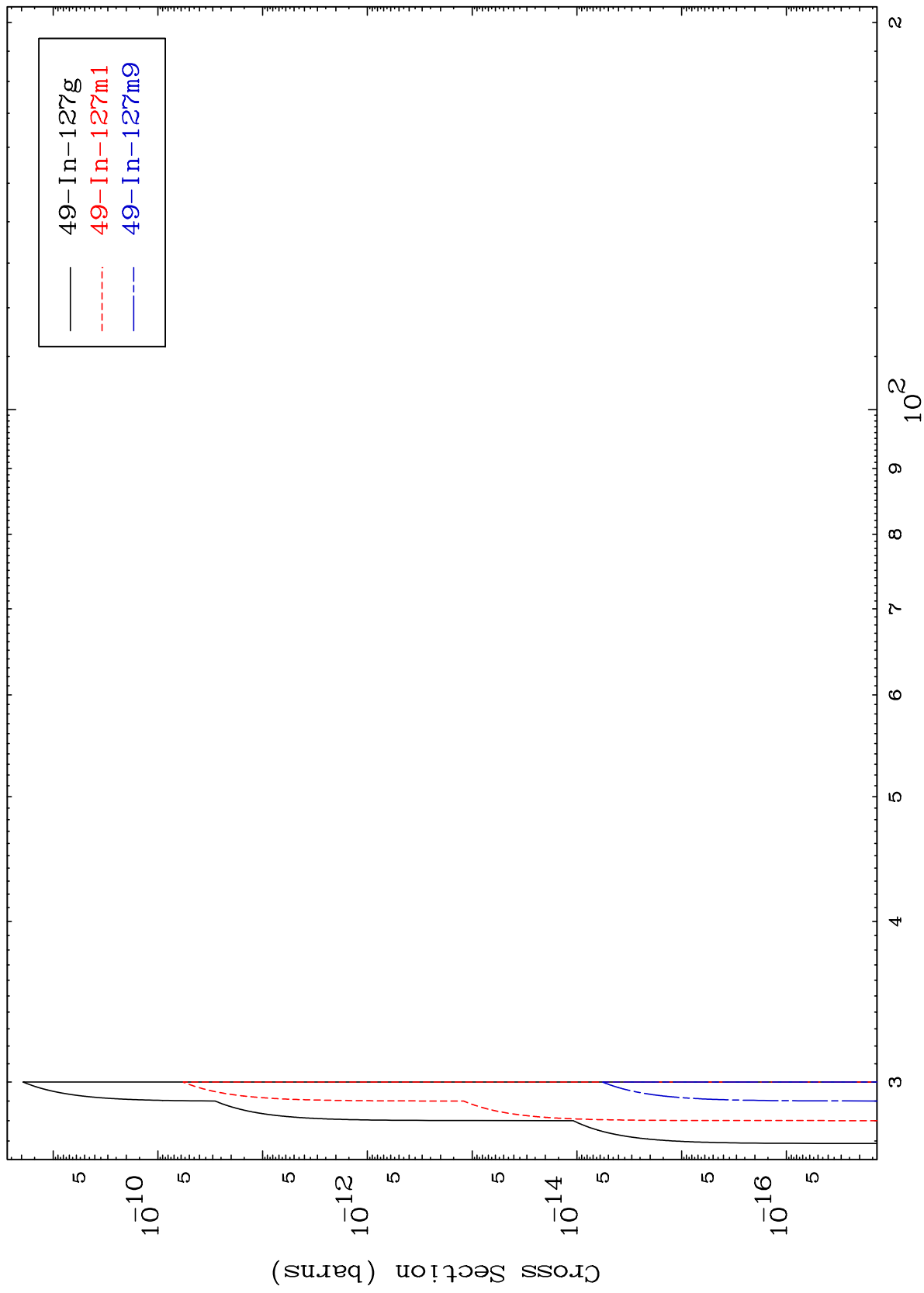
Incident Energy (MeV)

102

MAT 5079

50-Sn-130

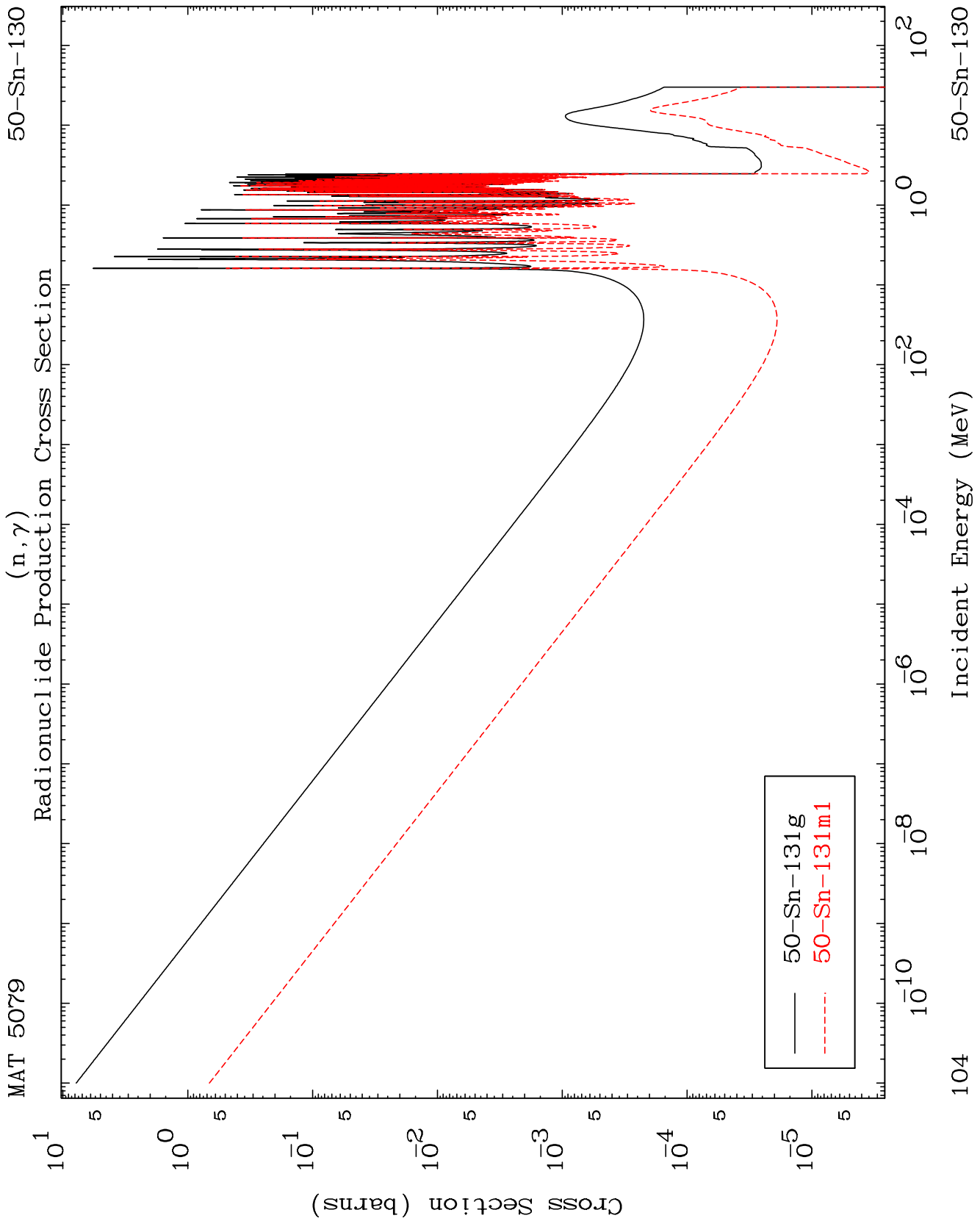
(n,3n) p
Radionuclide Production Cross Section

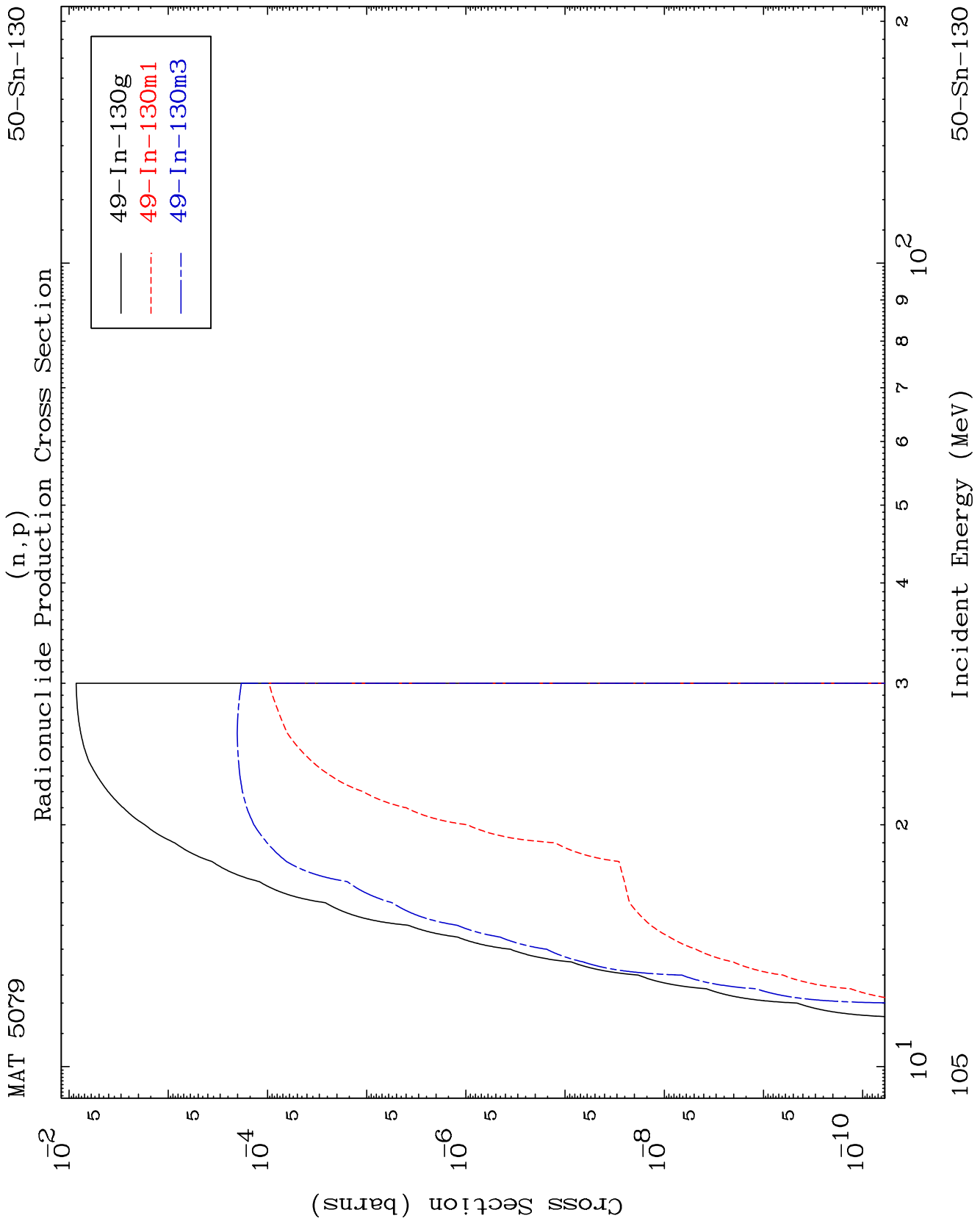


103

50-Sn-130

Incident Energy (MeV)

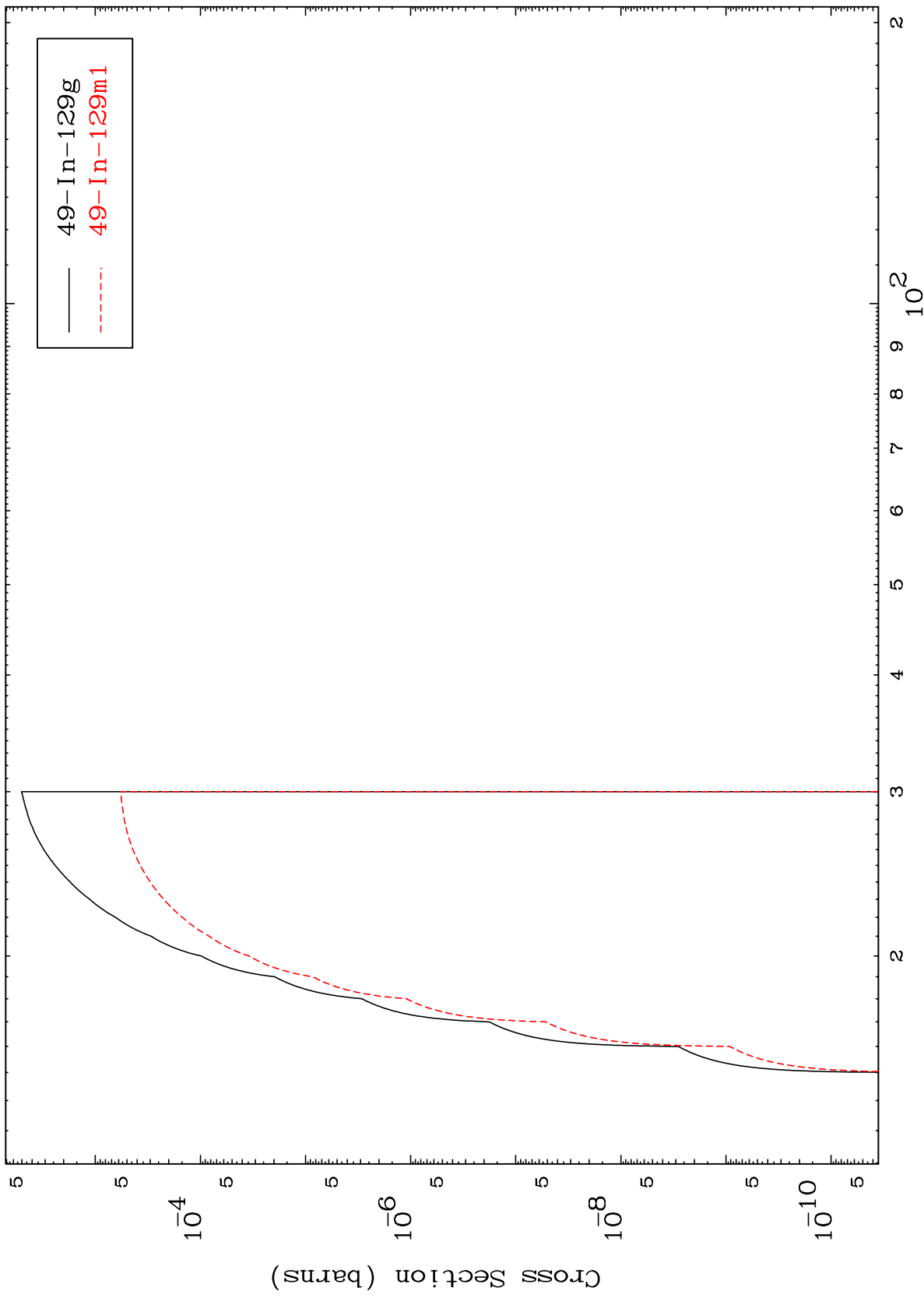




MAT 5079

50-Sn-130

(n,d)
Radionuclide Production Cross Section



106

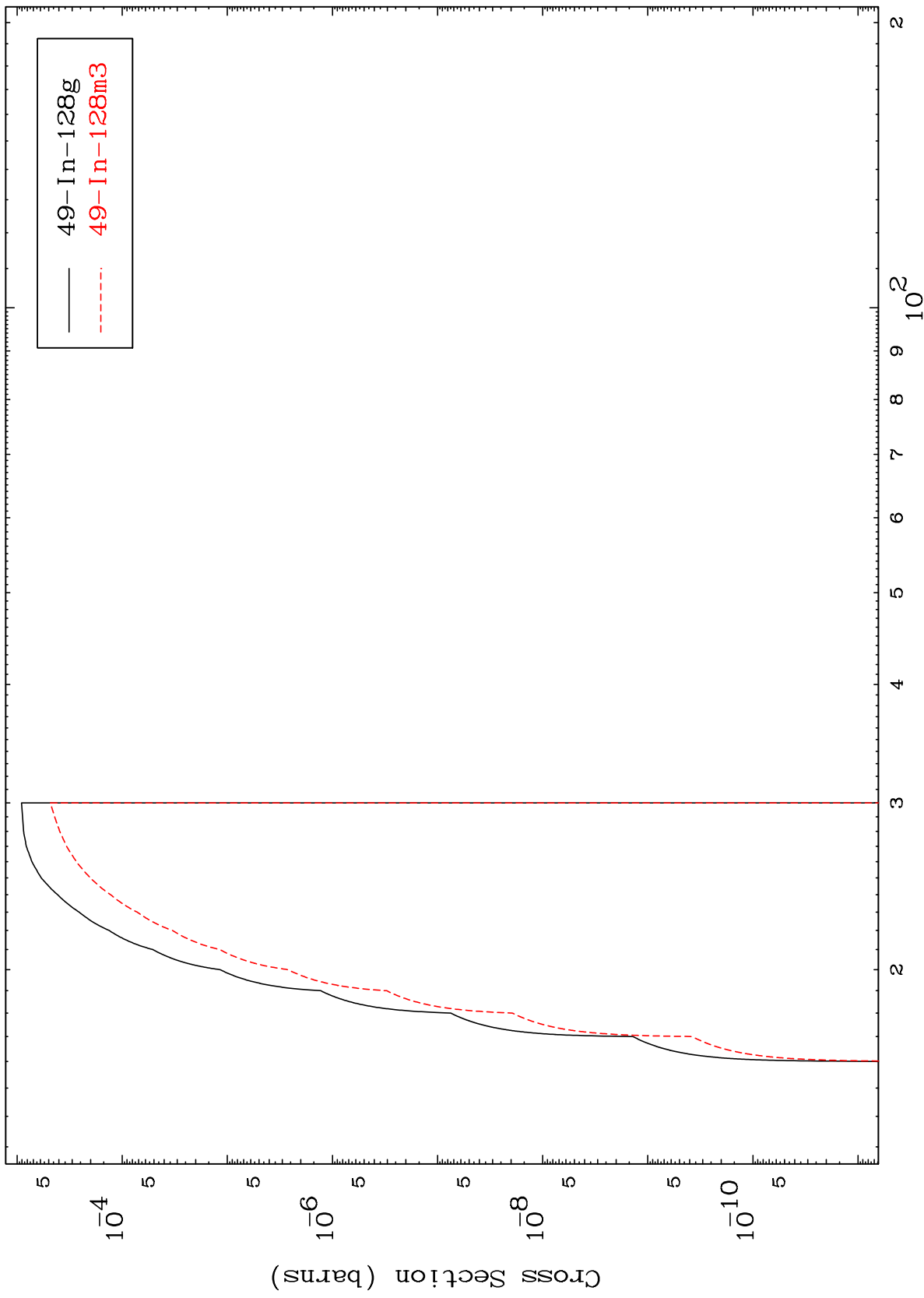
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n,t)
Radionuclide Production Cross Section



107

Incident Energy (MeV)

50-Sn-130