

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

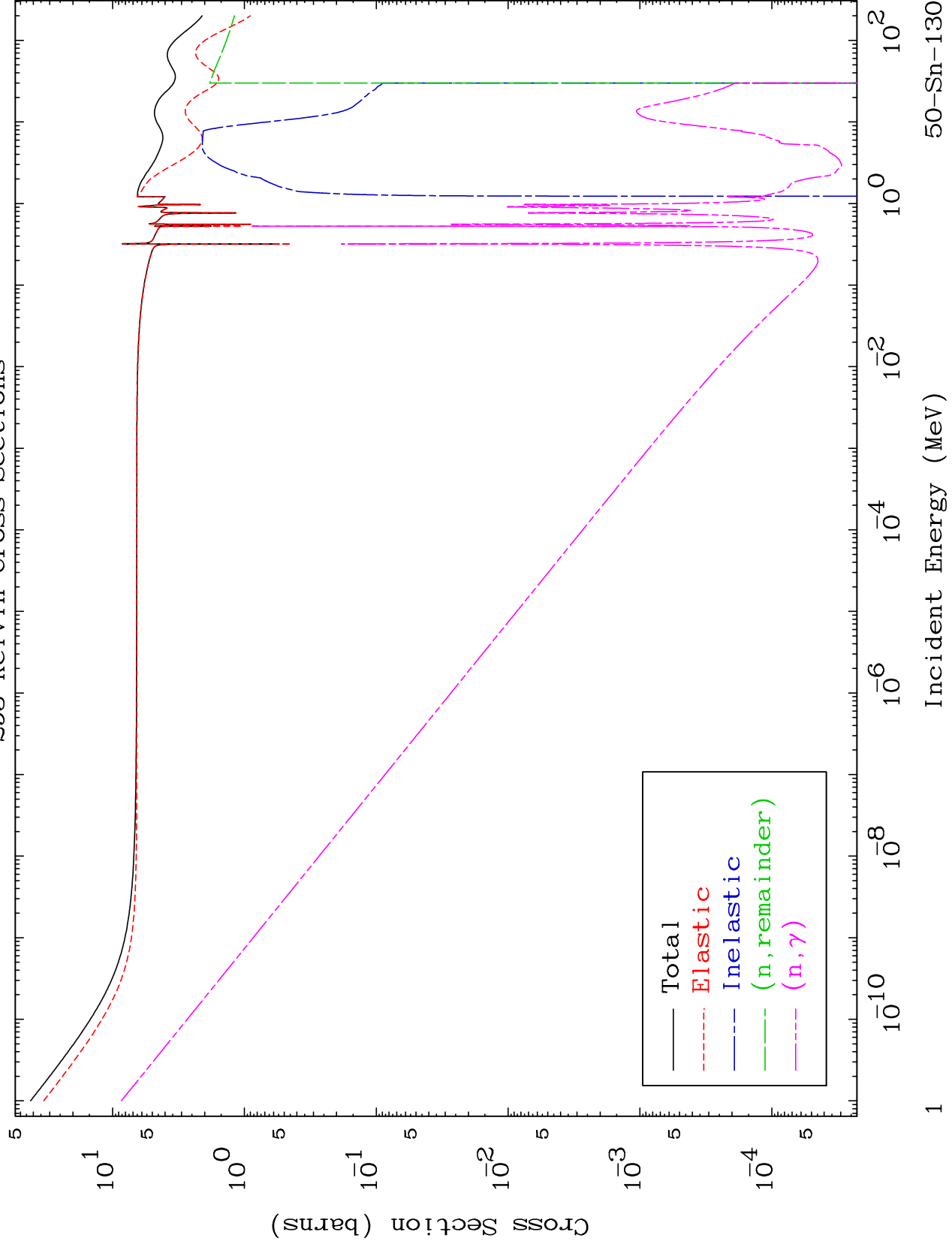
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5079

Major
293 Kelvin Cross Sections

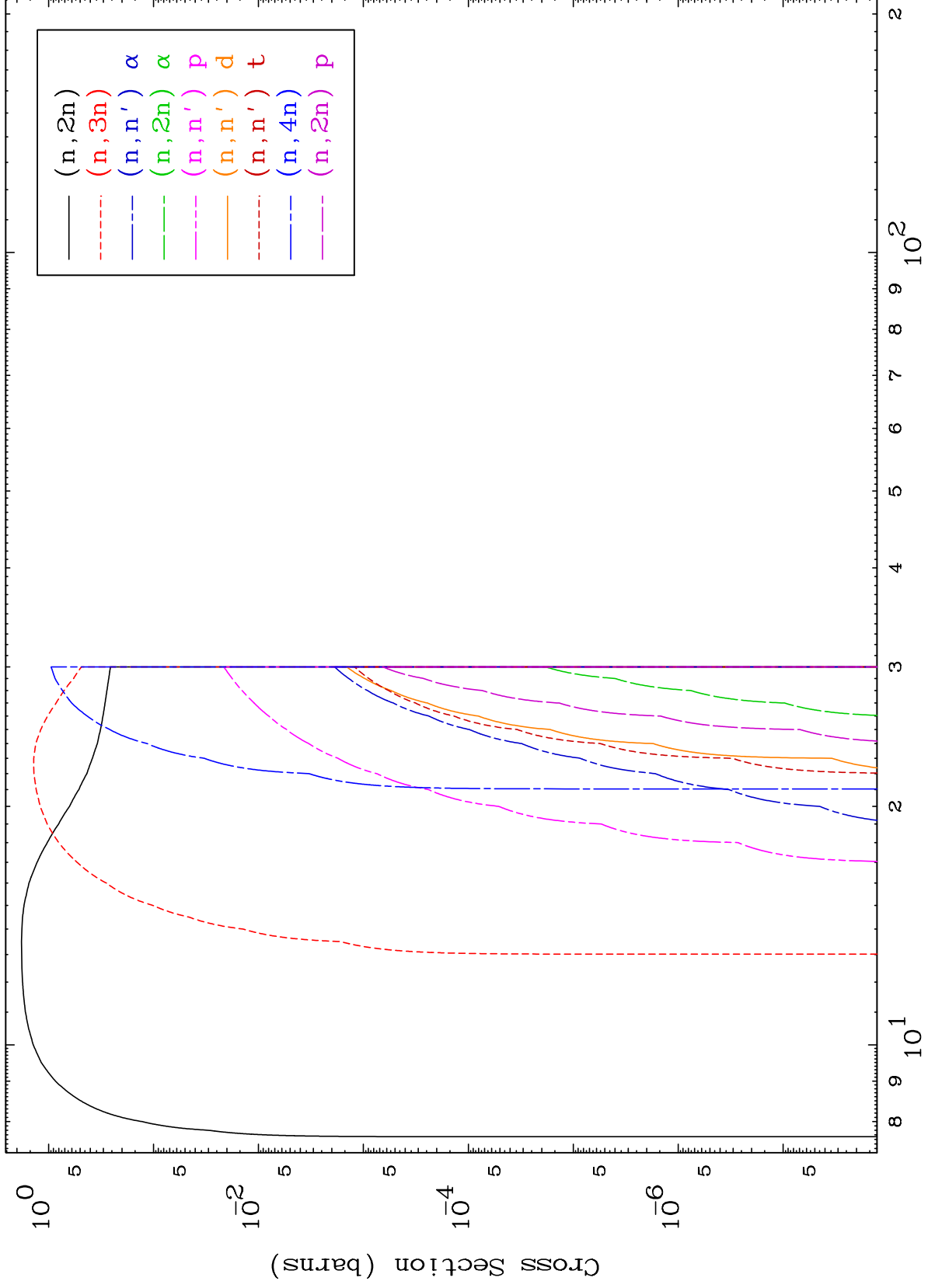
50-Sn-130



MAT 5079

Neutron Production
293 Kelvin Cross Sections

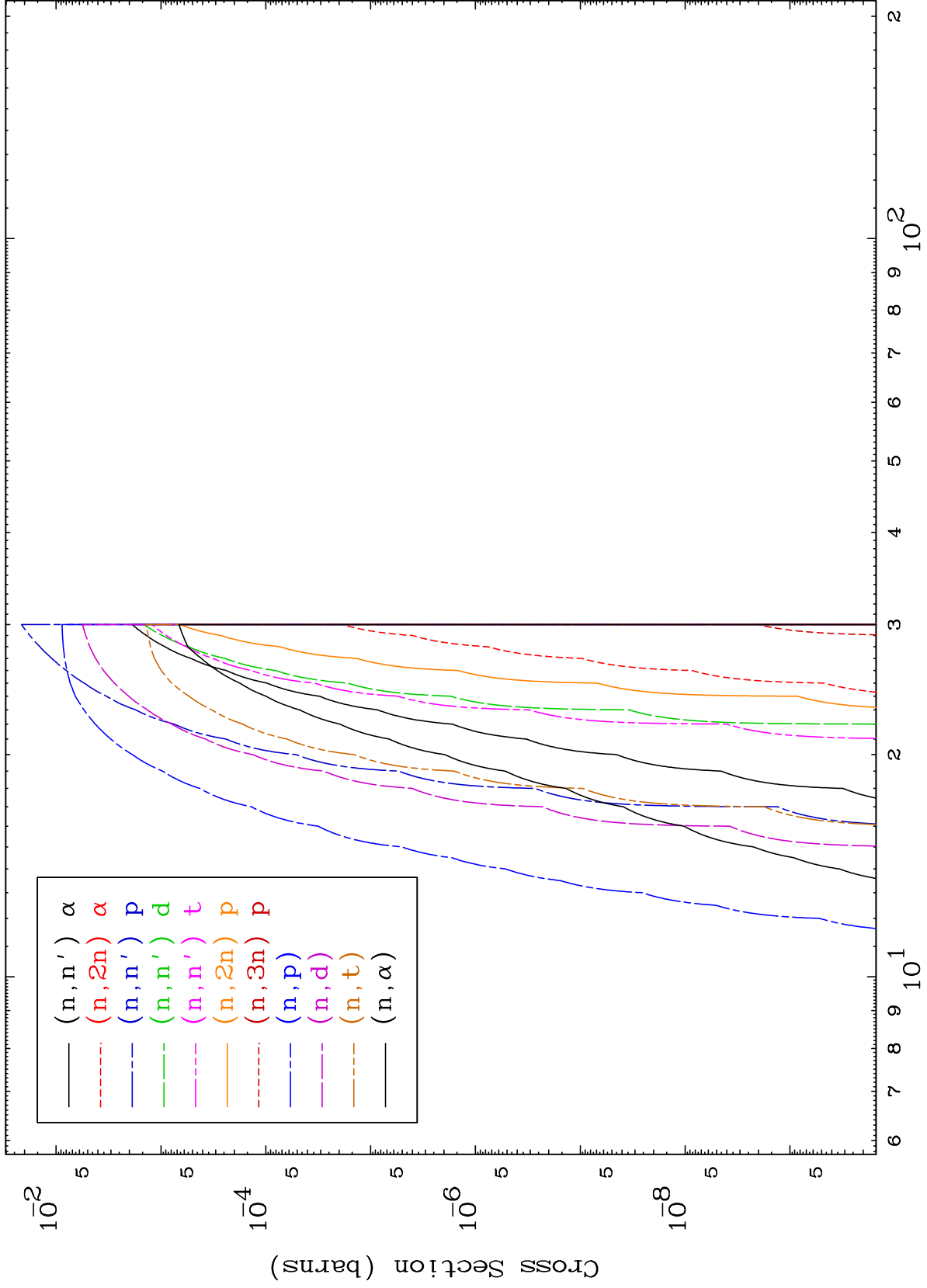
50-Sn-130

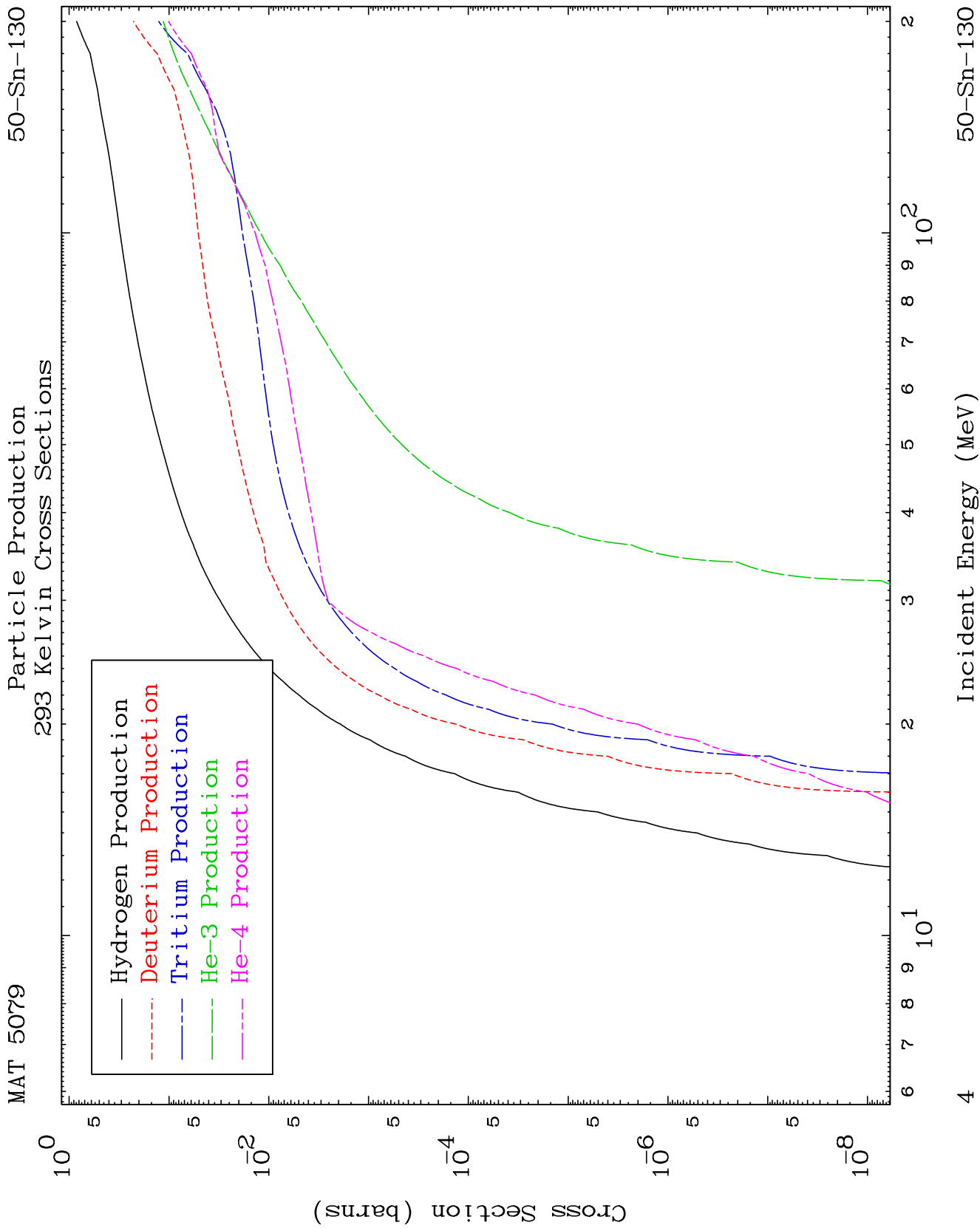


2

Incident Energy (MeV)

50-Sn-130

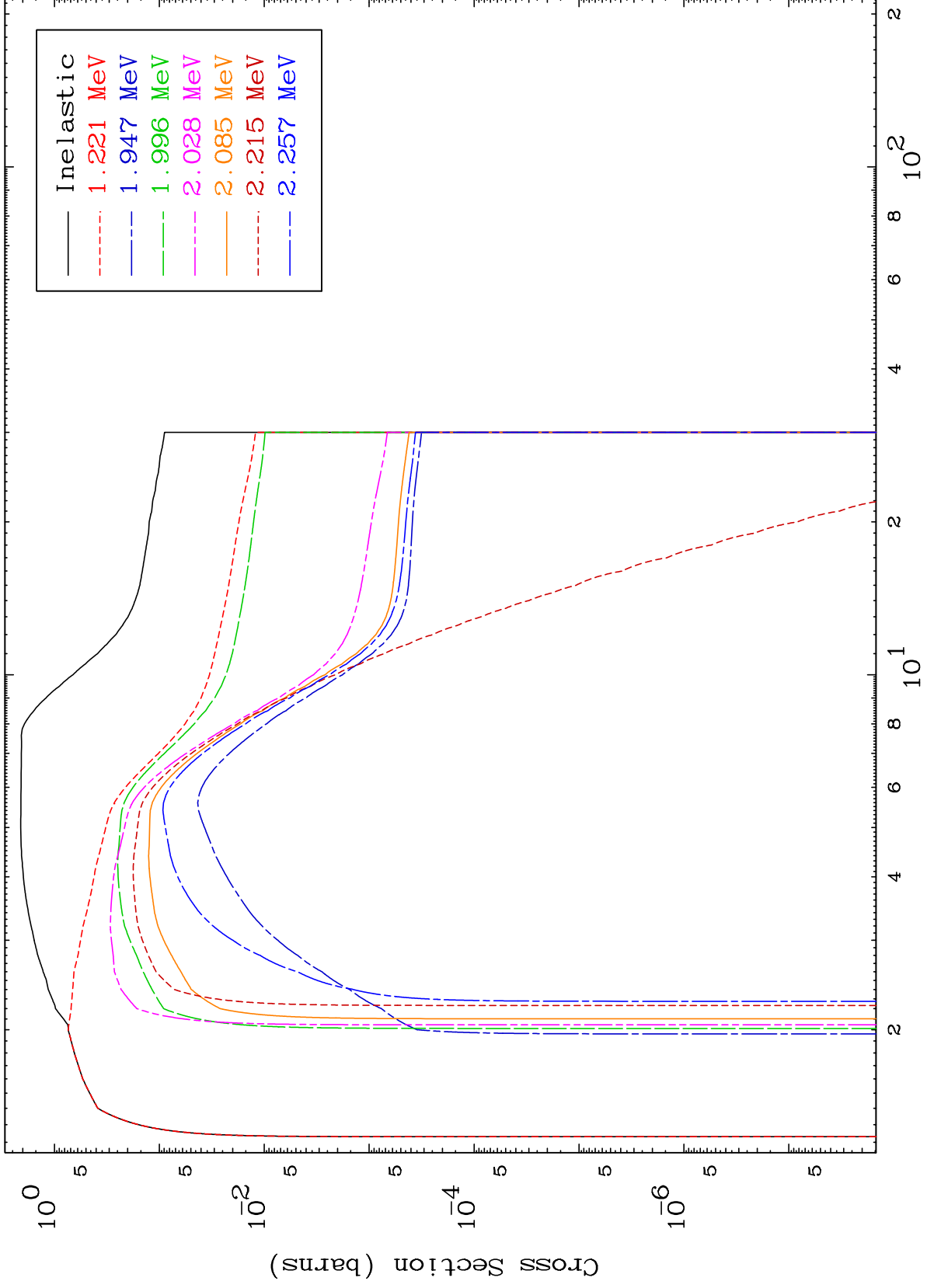




MAT 5079

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



5

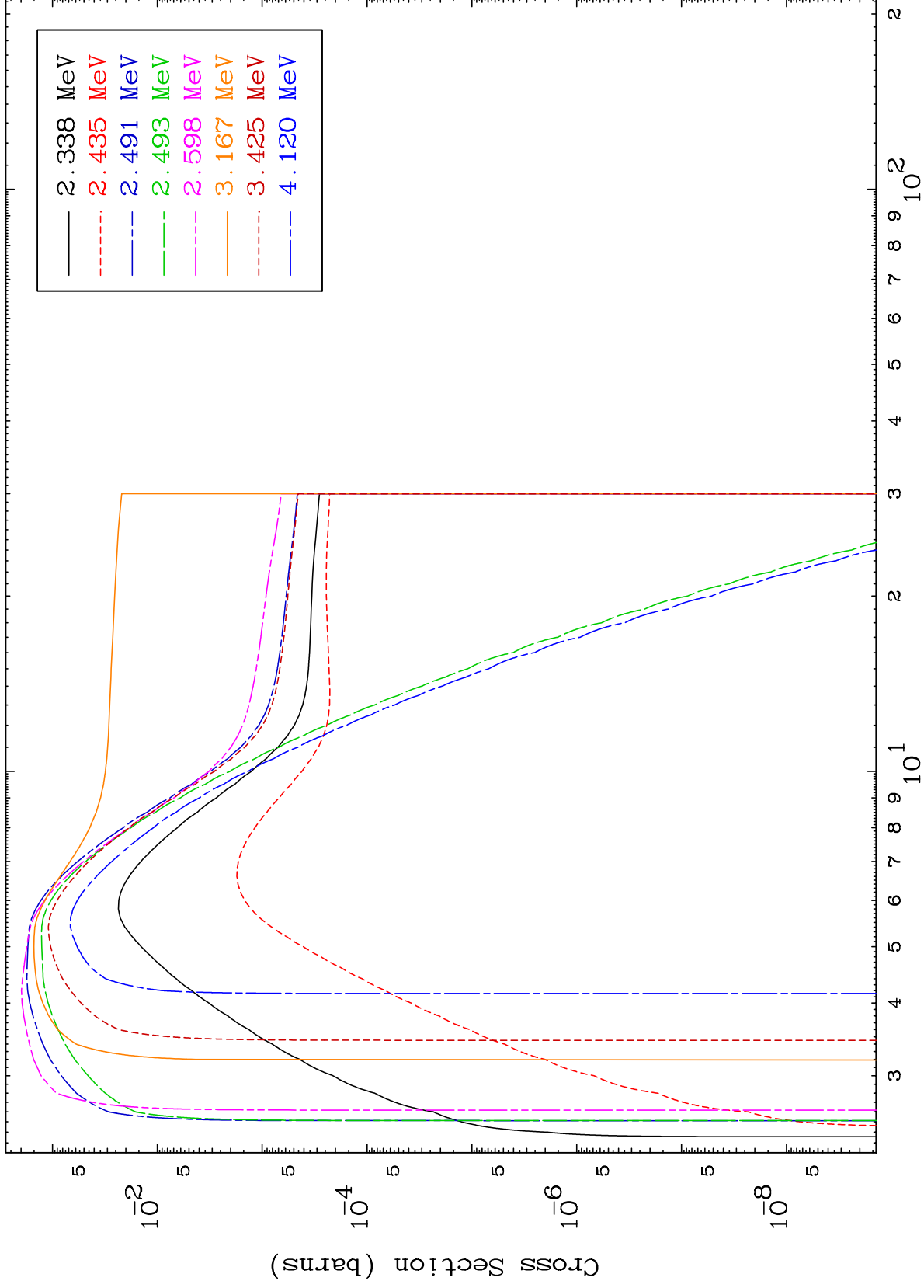
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



6

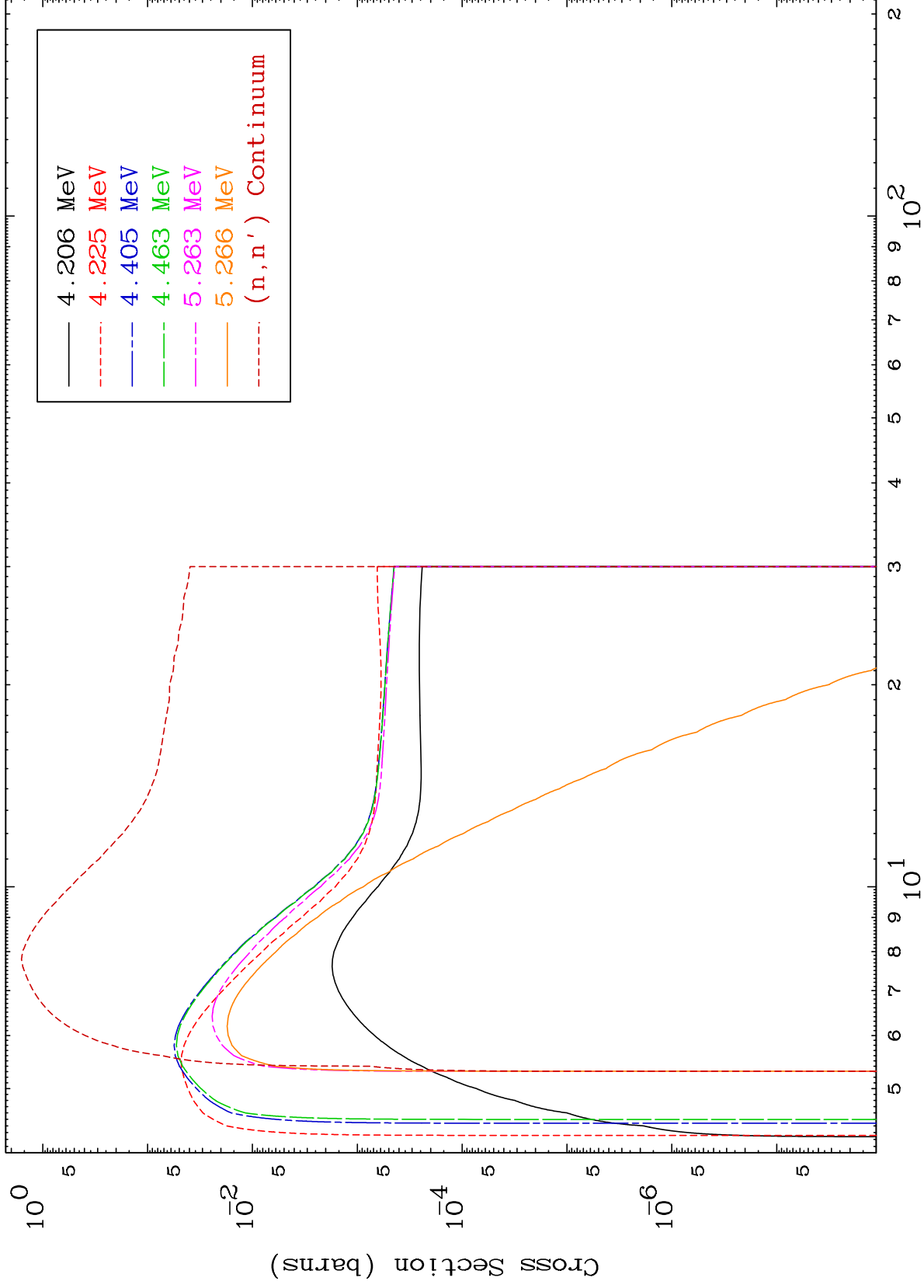
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



7

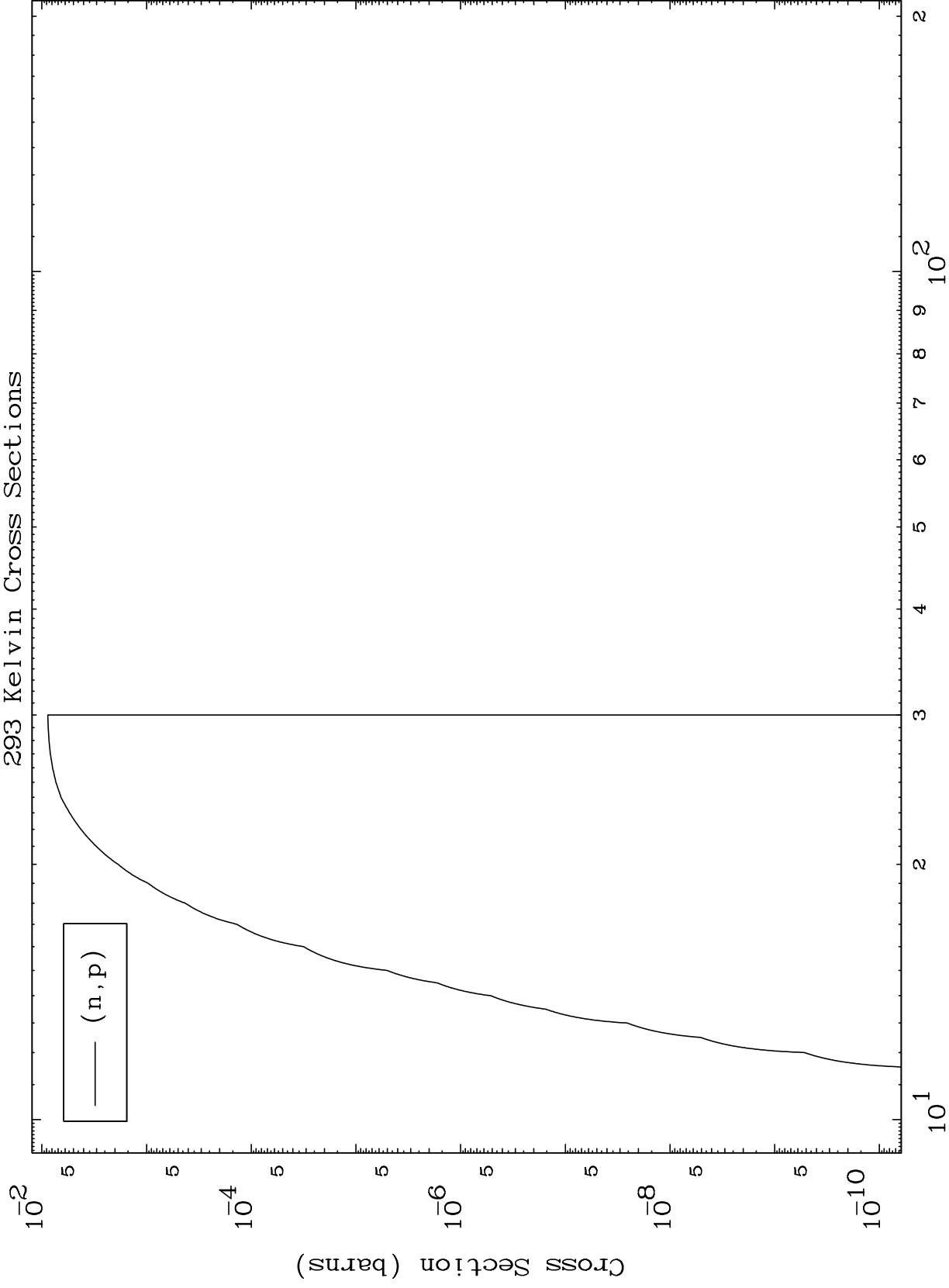
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130



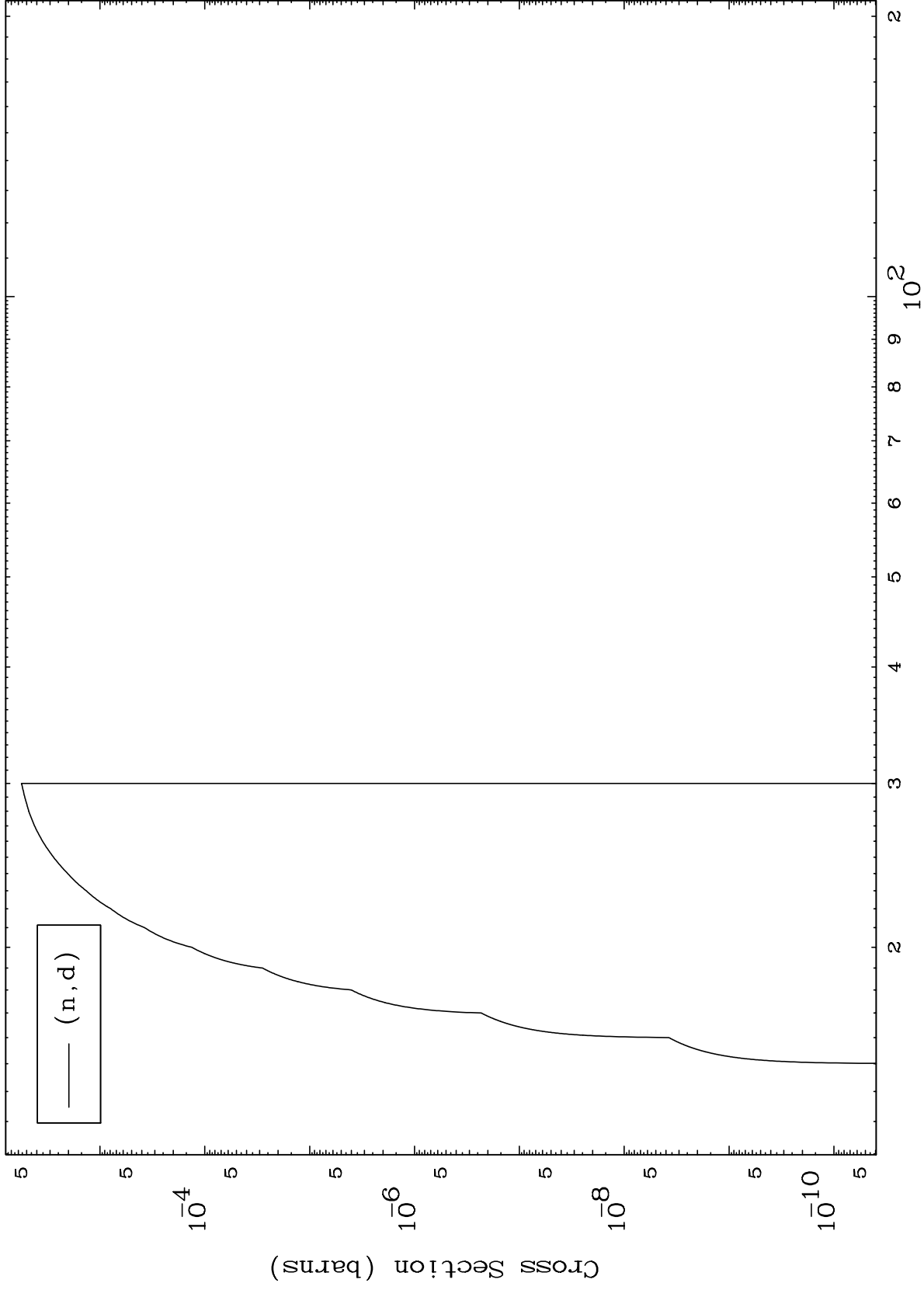
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,d) Levels
293 Kelvin Cross Sections

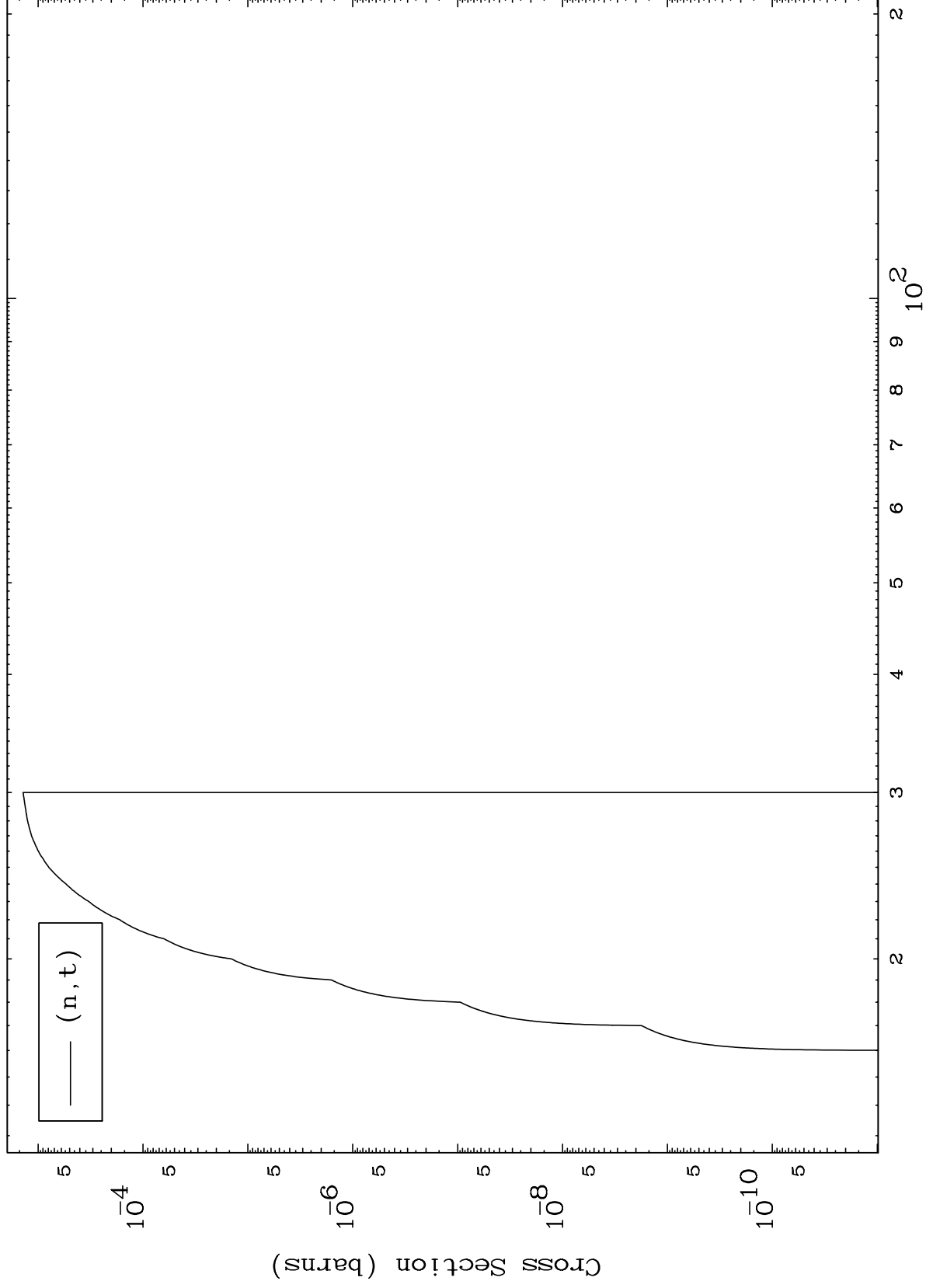
50-Sn-130



MAT 5079

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



10

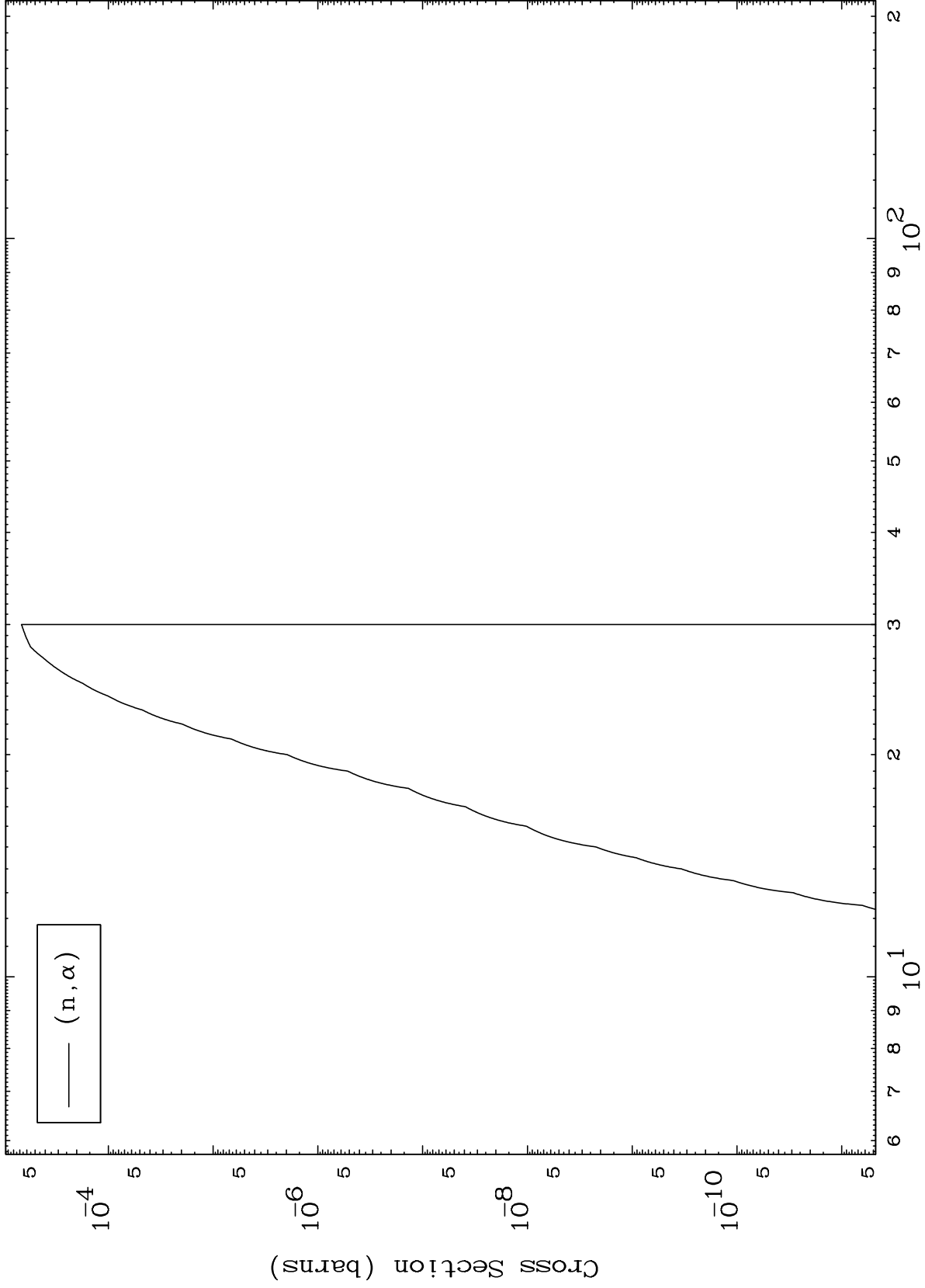
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n, α) Levels
293 Kelvin Cross Sections

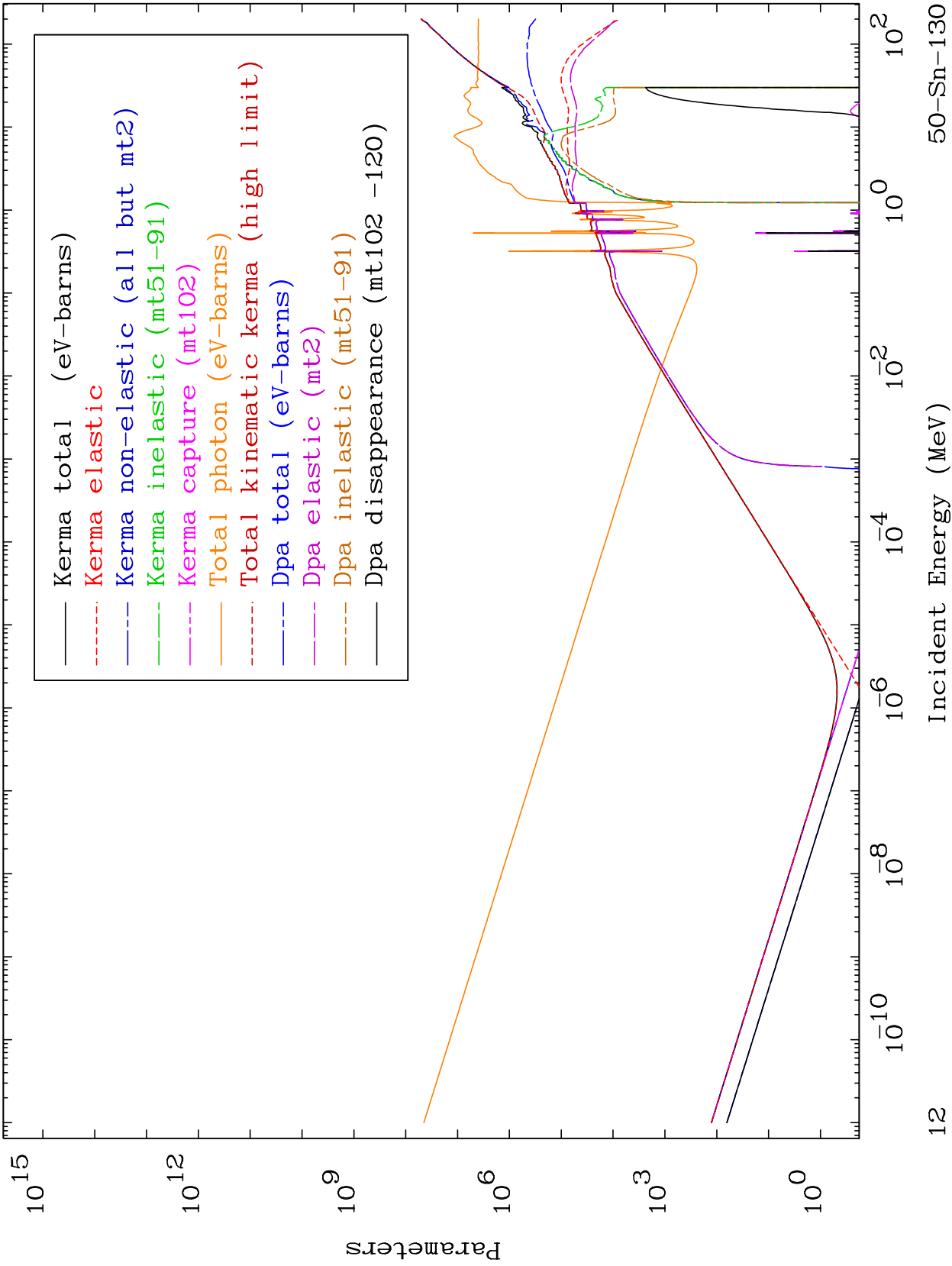
50-Sn-130



11

Incident Energy (MeV)

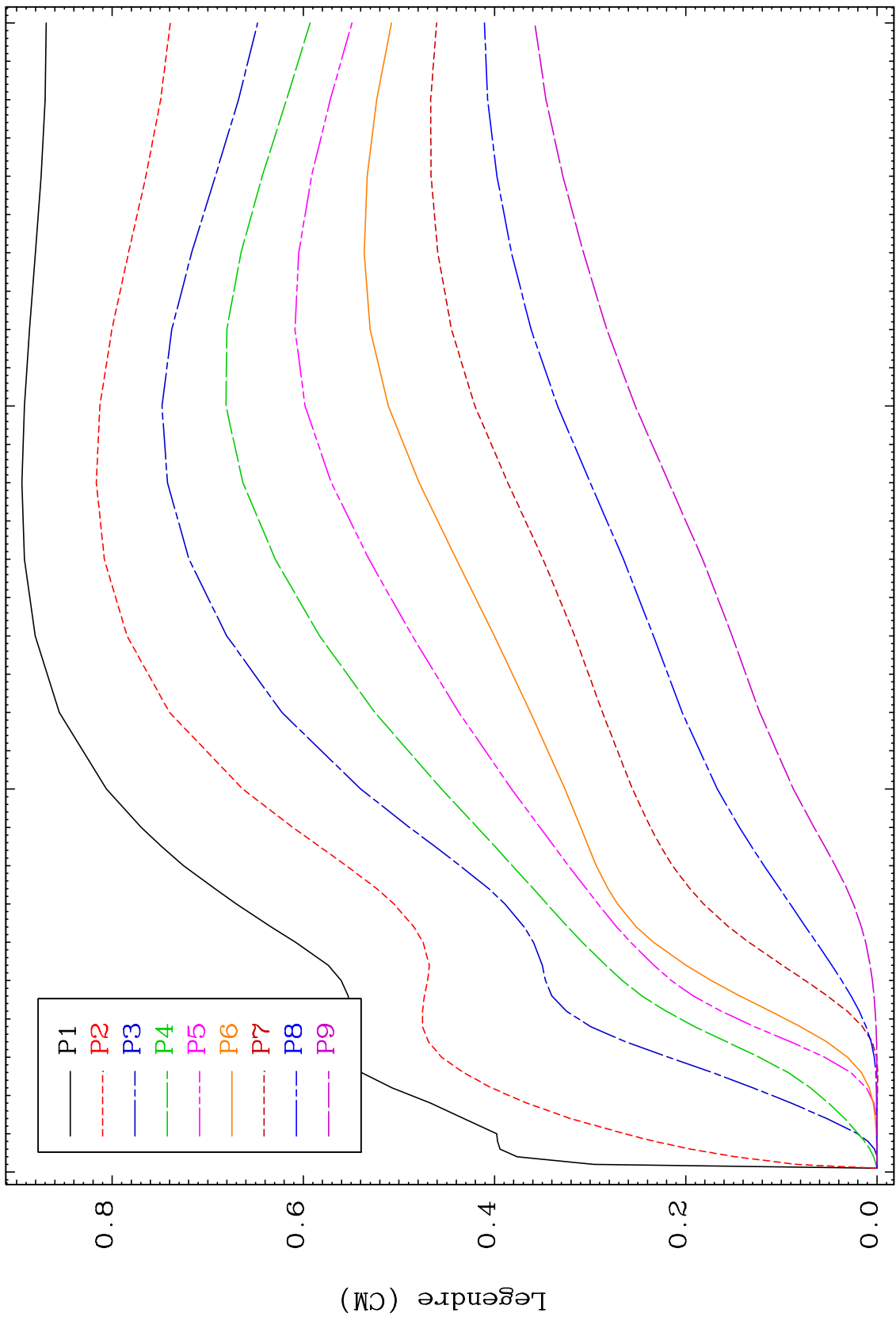
50-Sn-130



MAT 5079

Elastic Legendre Coefficients

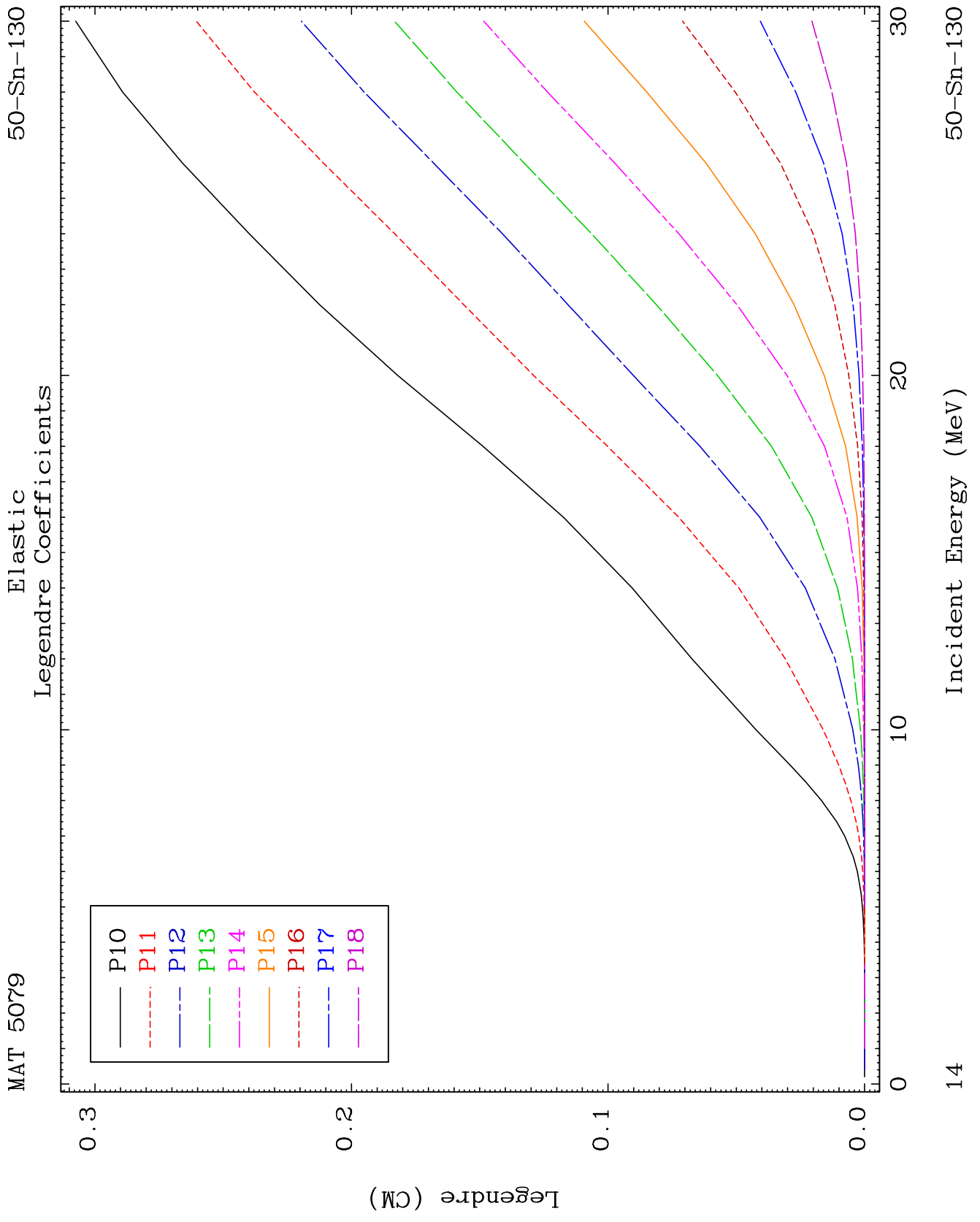
50-Sn-130



13

Incident Energy (MeV)

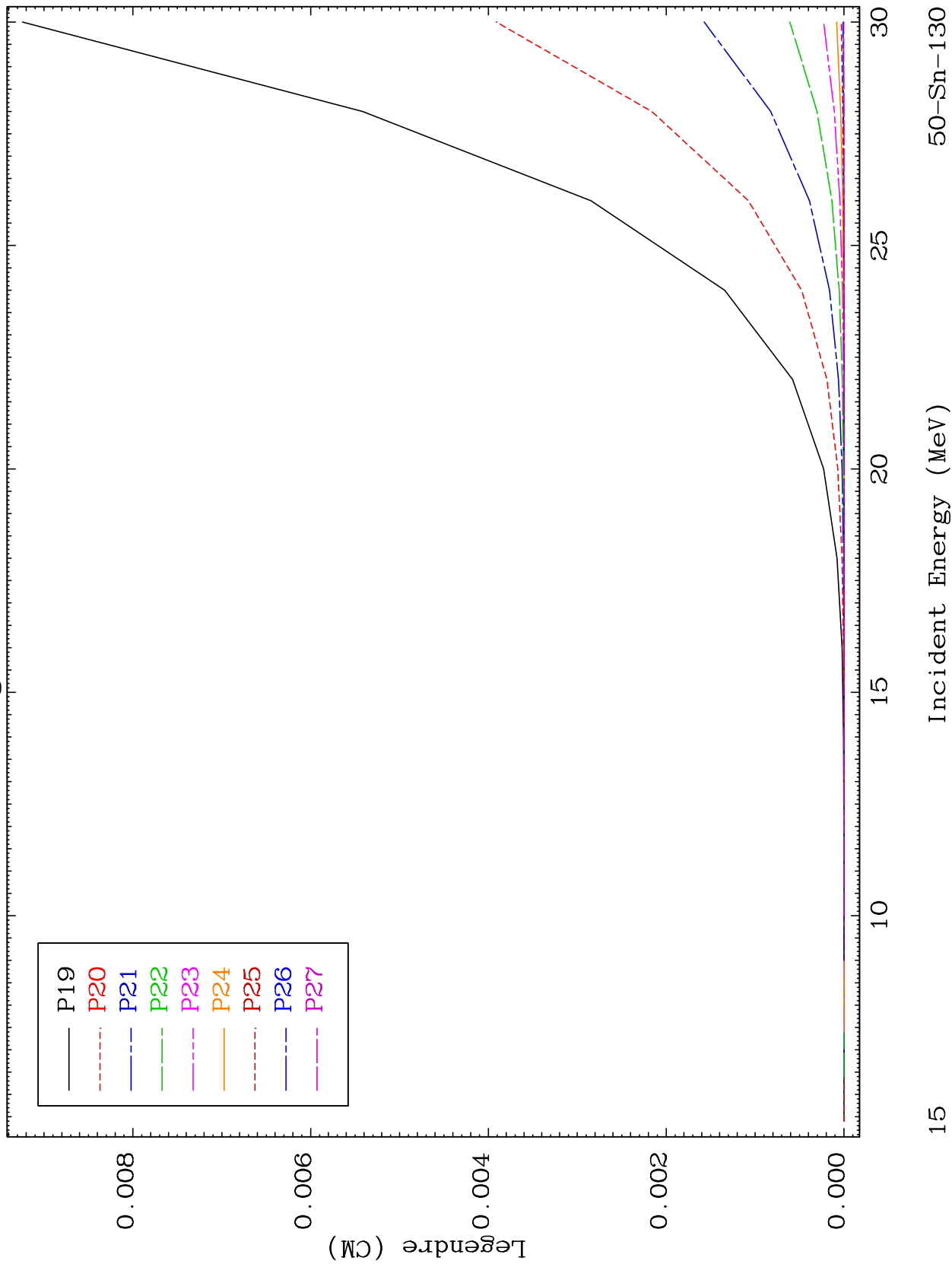
50-Sn-130



MAT 5079

Elastic Legendre Coefficients

50-Sn-130



15

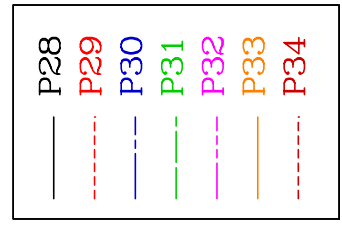
Incident Energy (MeV)

50-Sn-130

MAT 5079

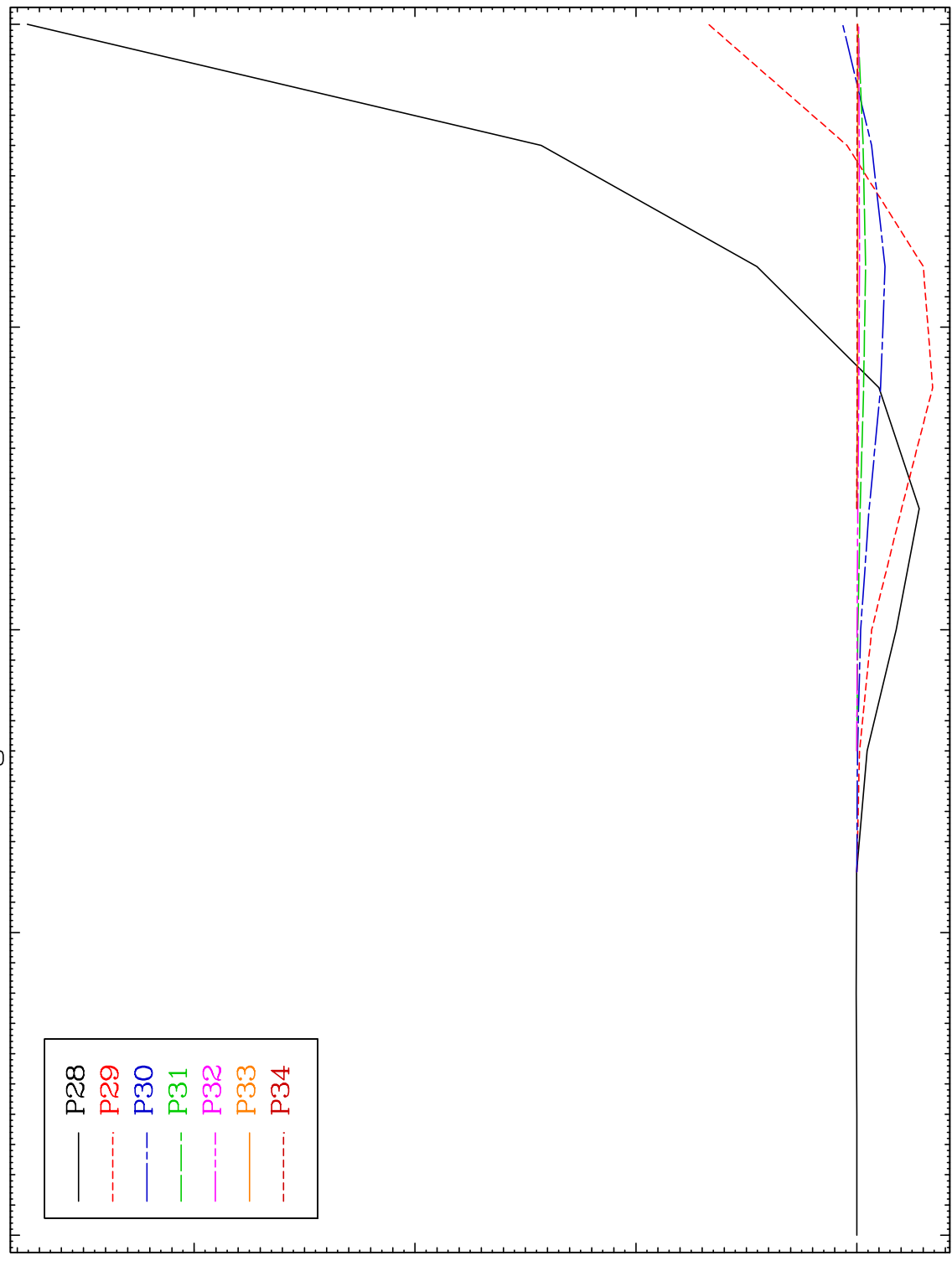
Elastic
Legendre Coefficients

50-Sn-130



$\times 10^{-7}$

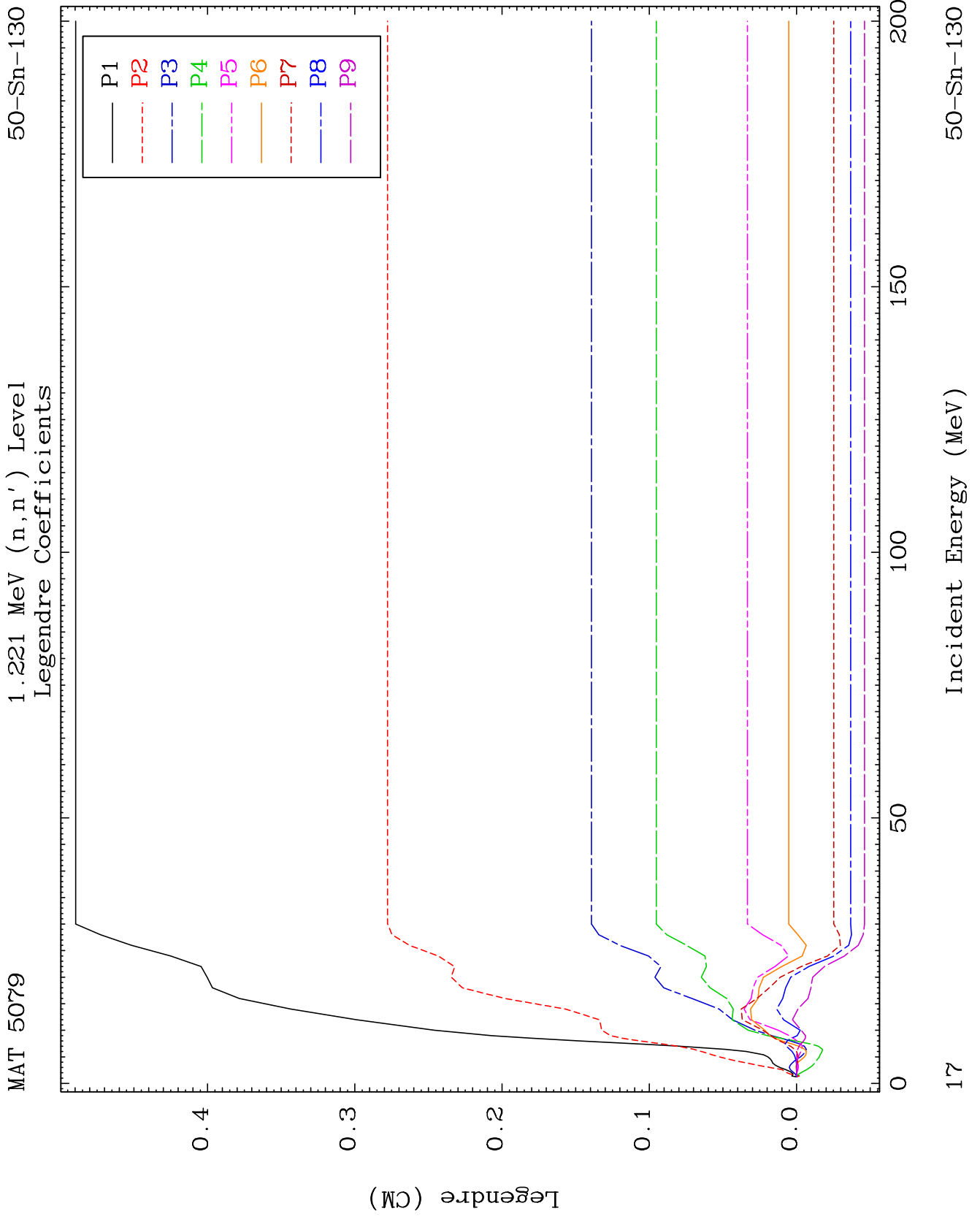
Legendre (CM)

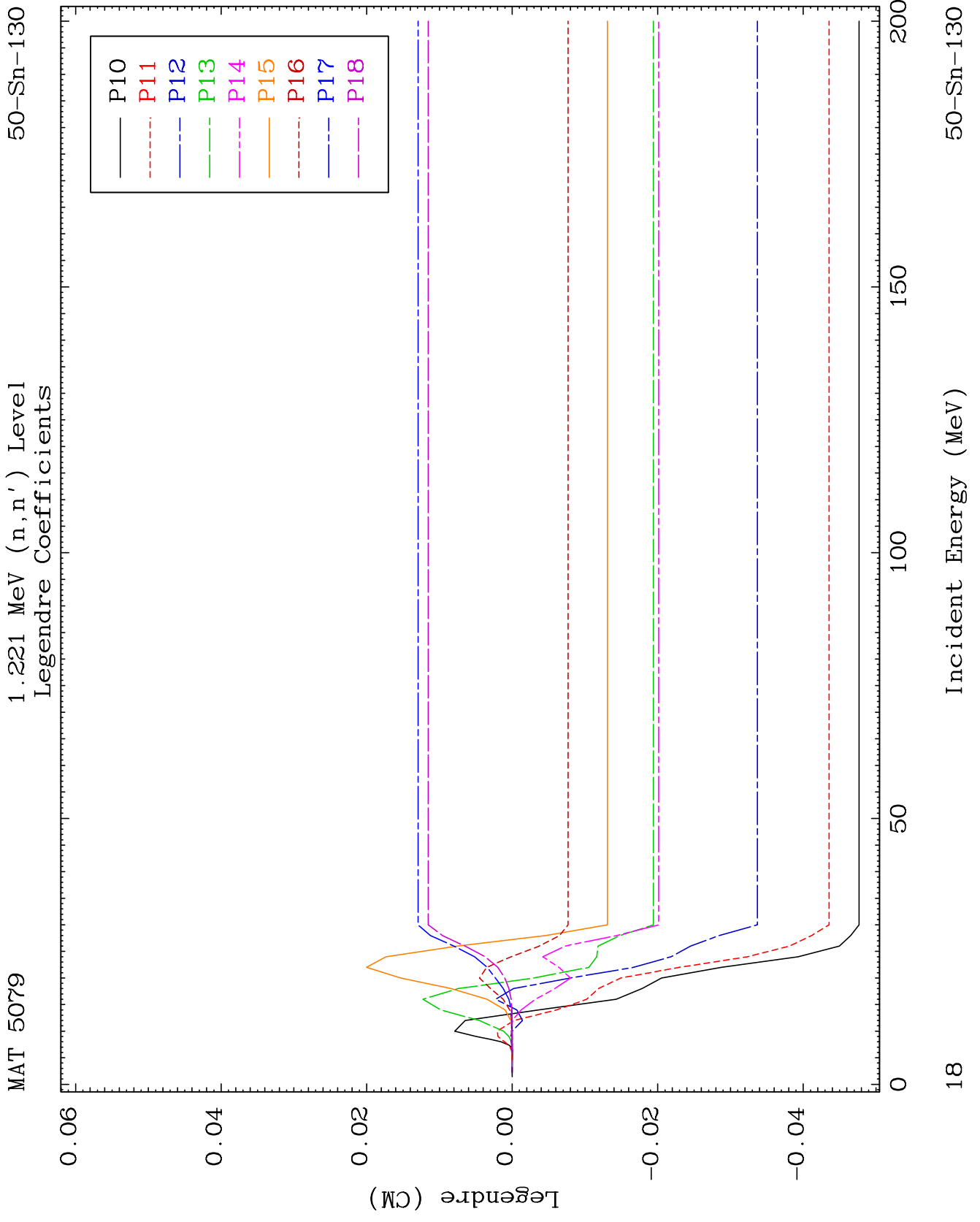


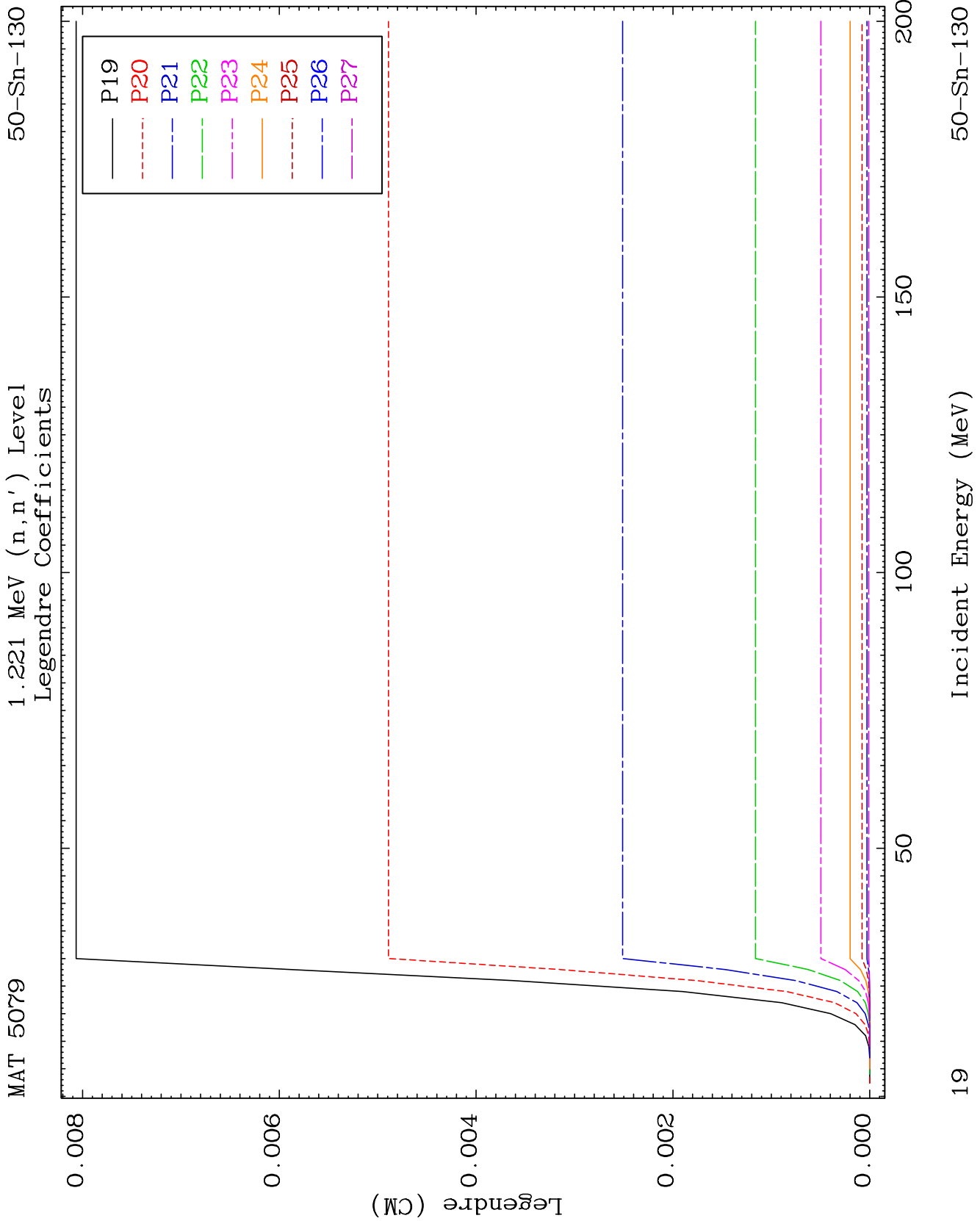
Incident Energy (MeV)

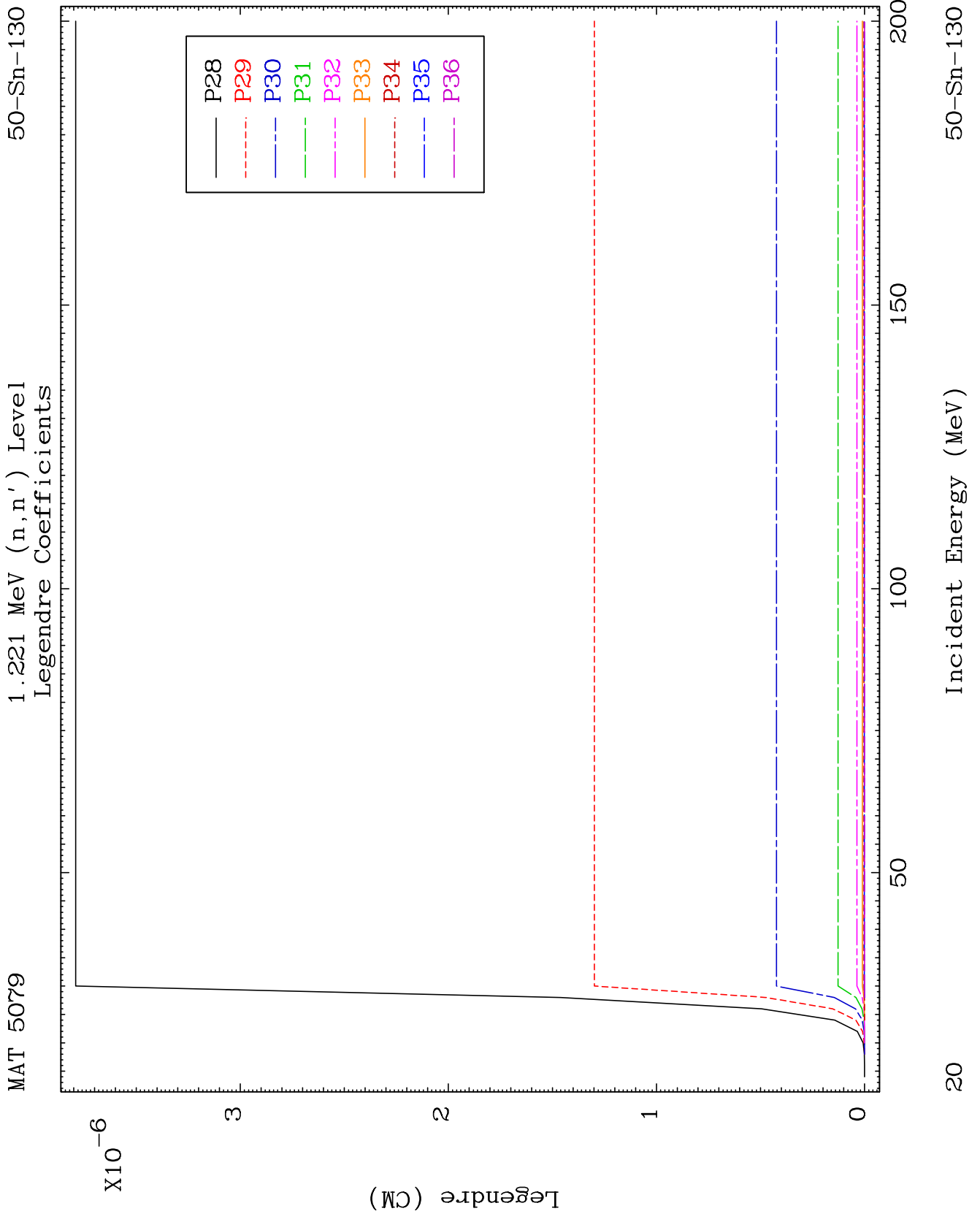
50-Sn-130

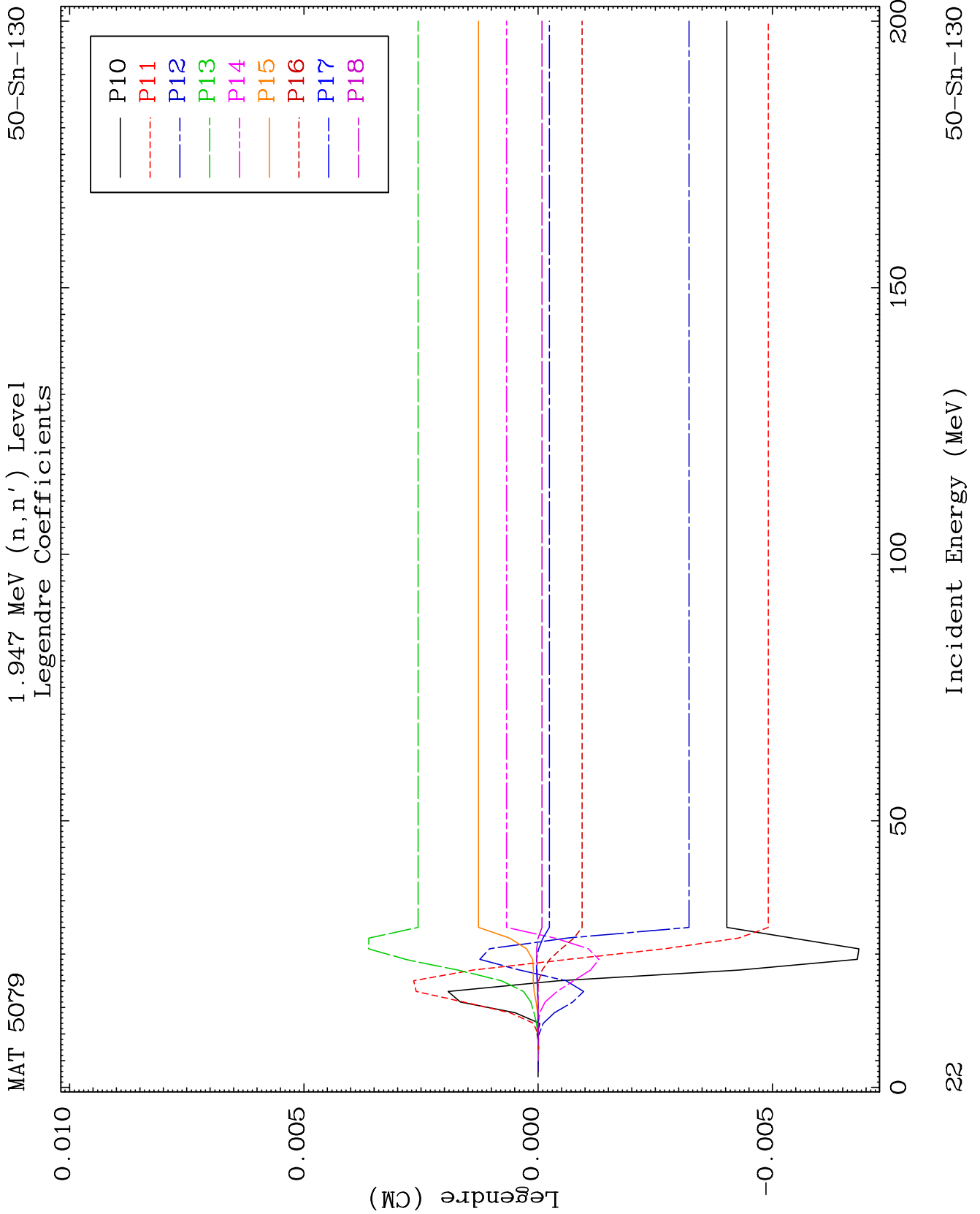
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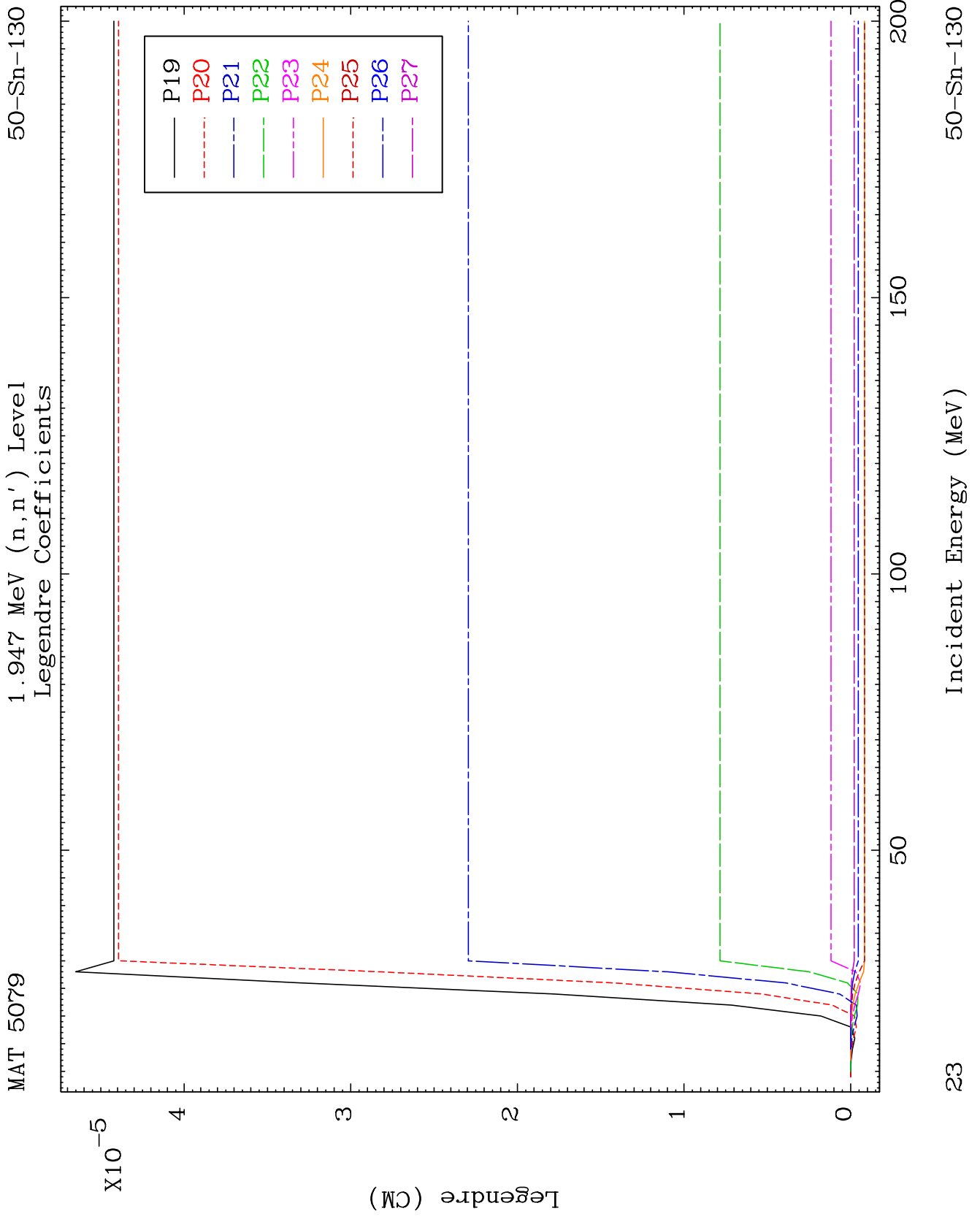


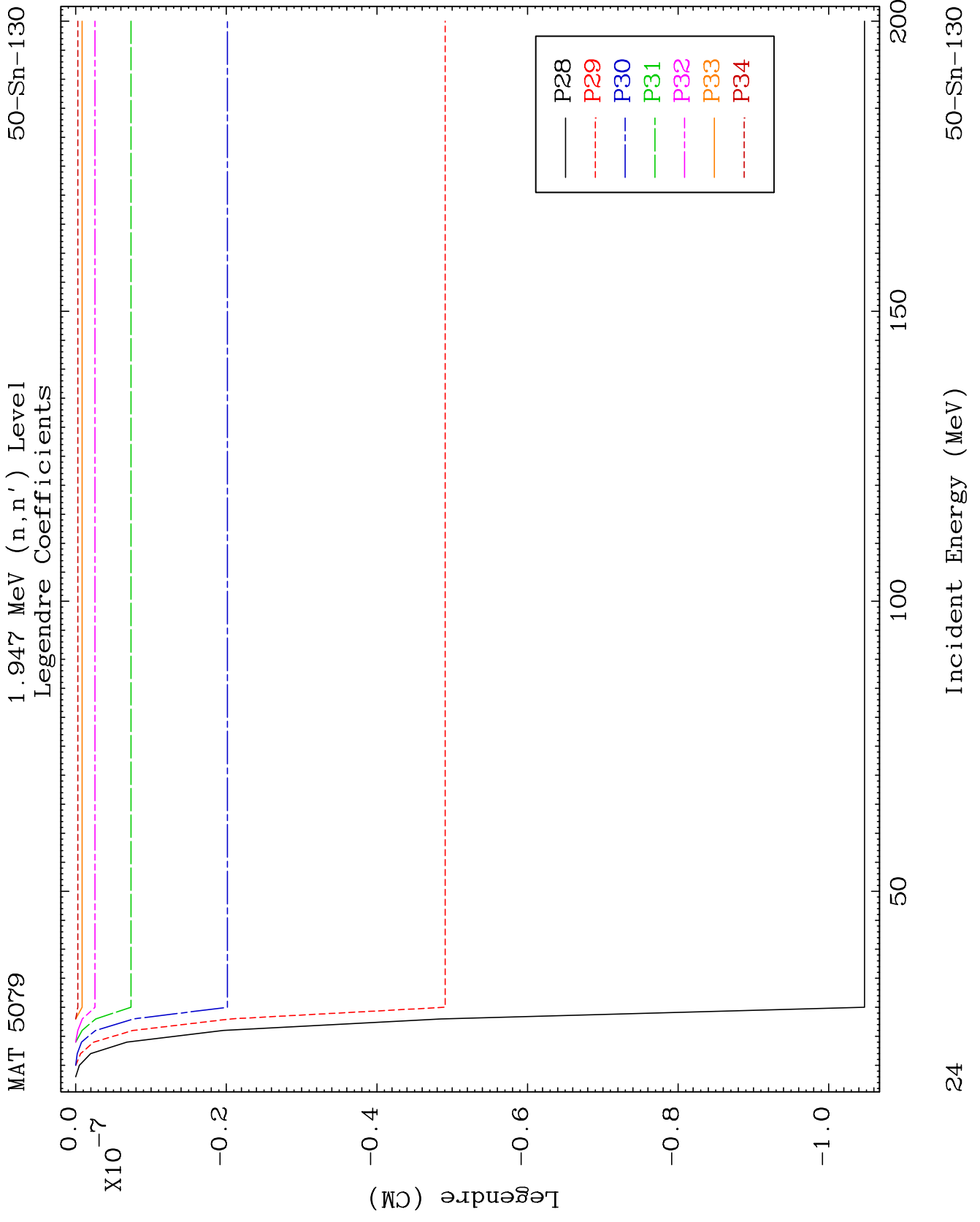








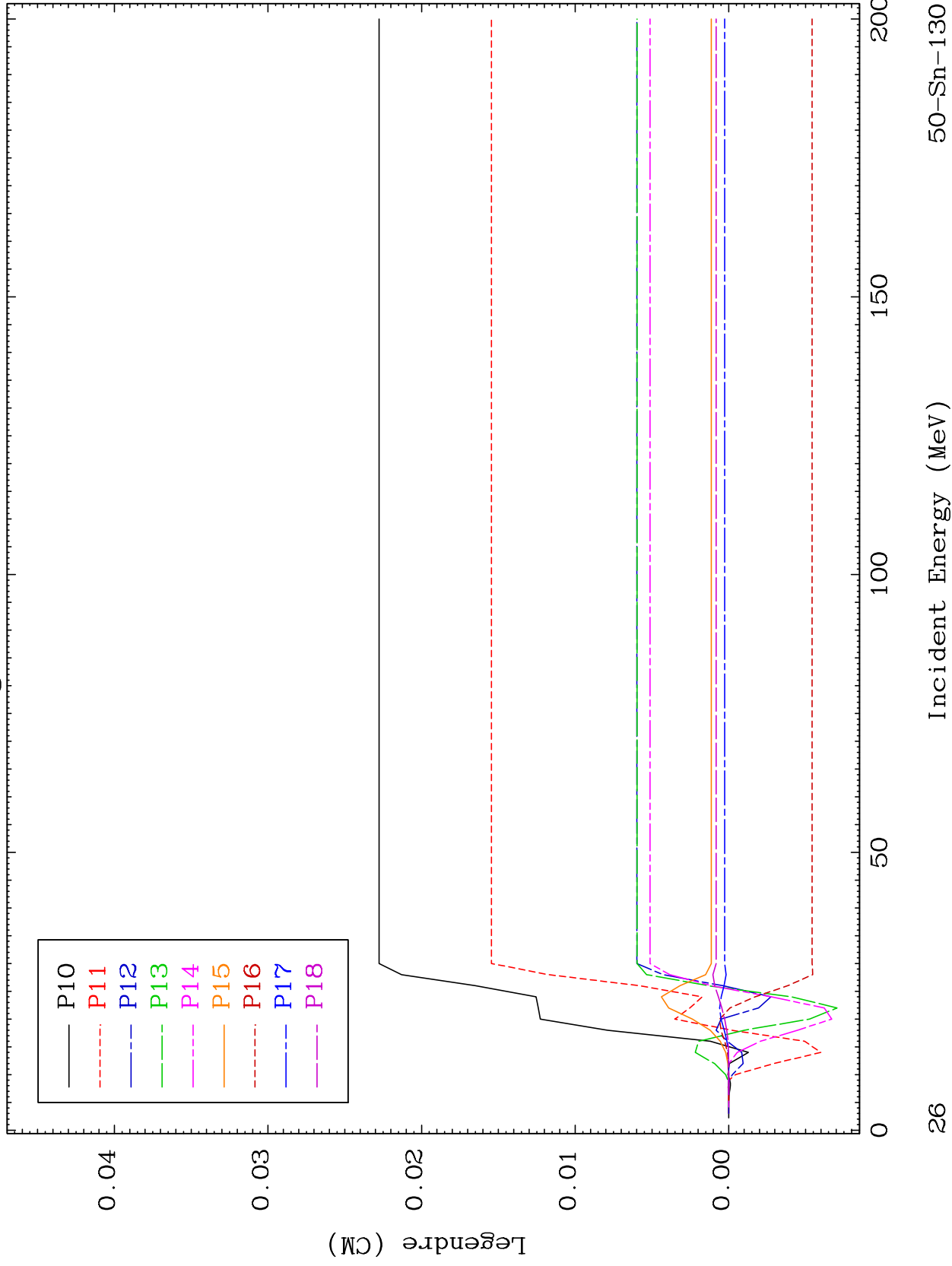




MAT 5079

1.996 MeV (n,n') Level
Legendre Coefficients

50-Sn-130



26

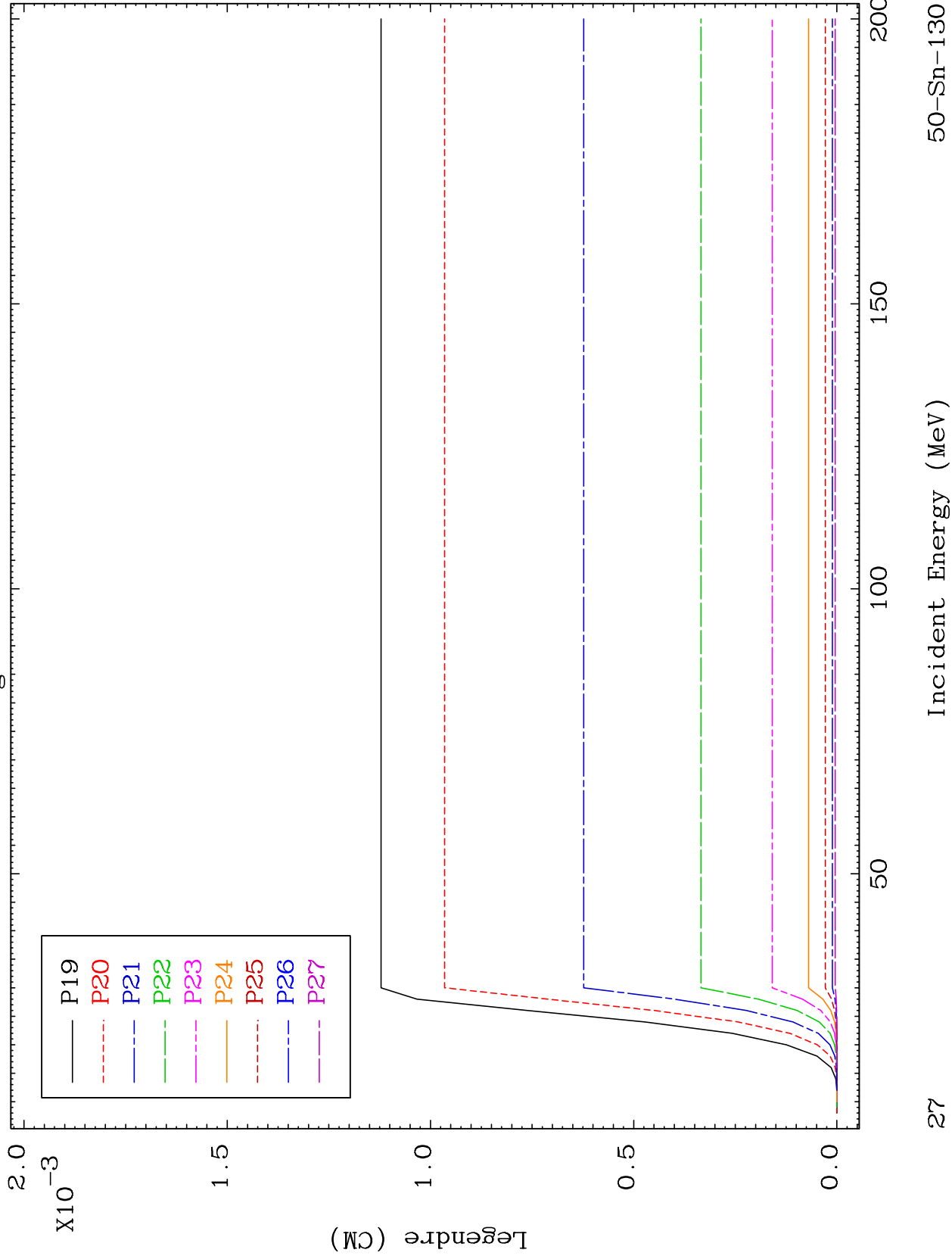
Incident Energy (MeV)

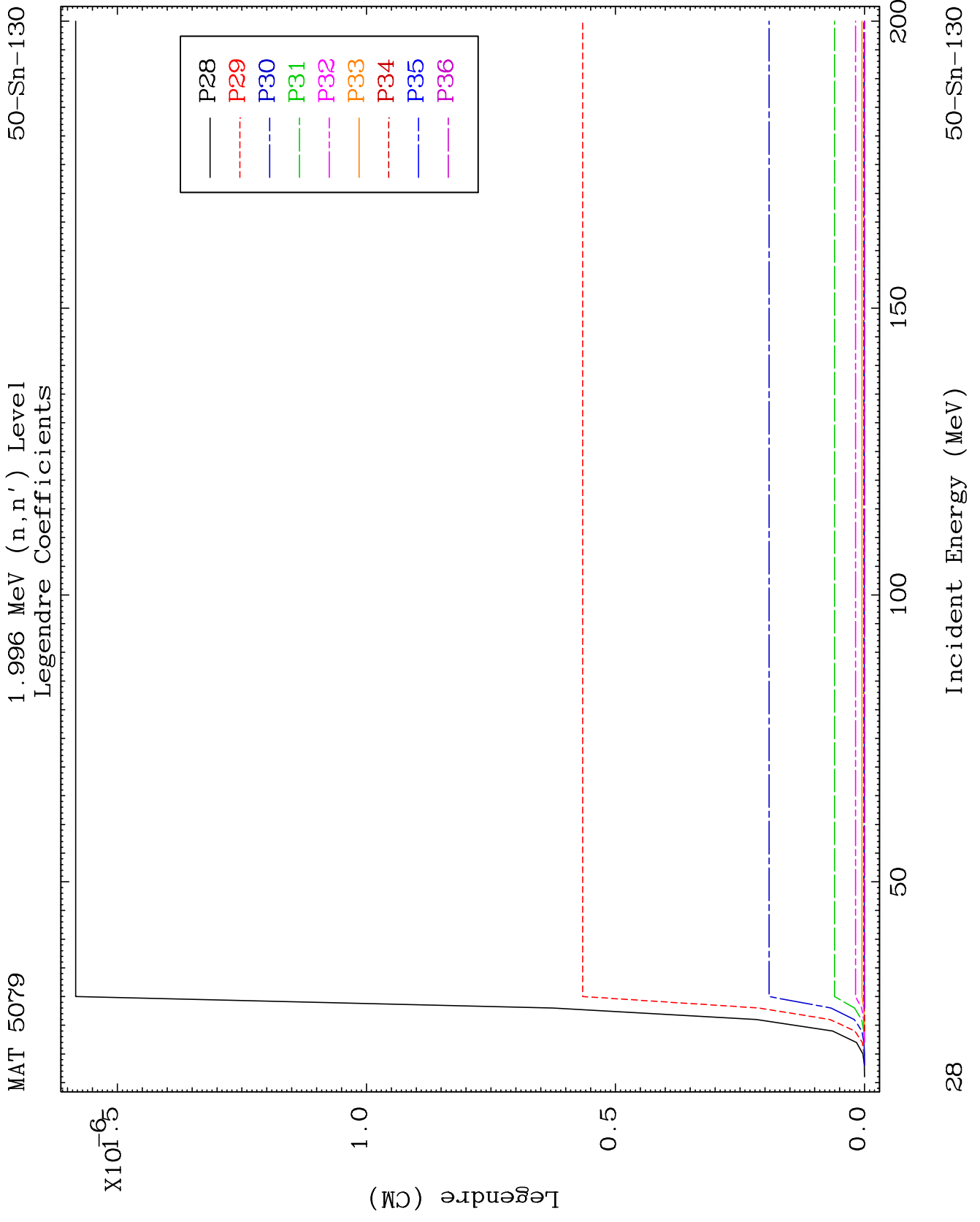
50-Sn-130

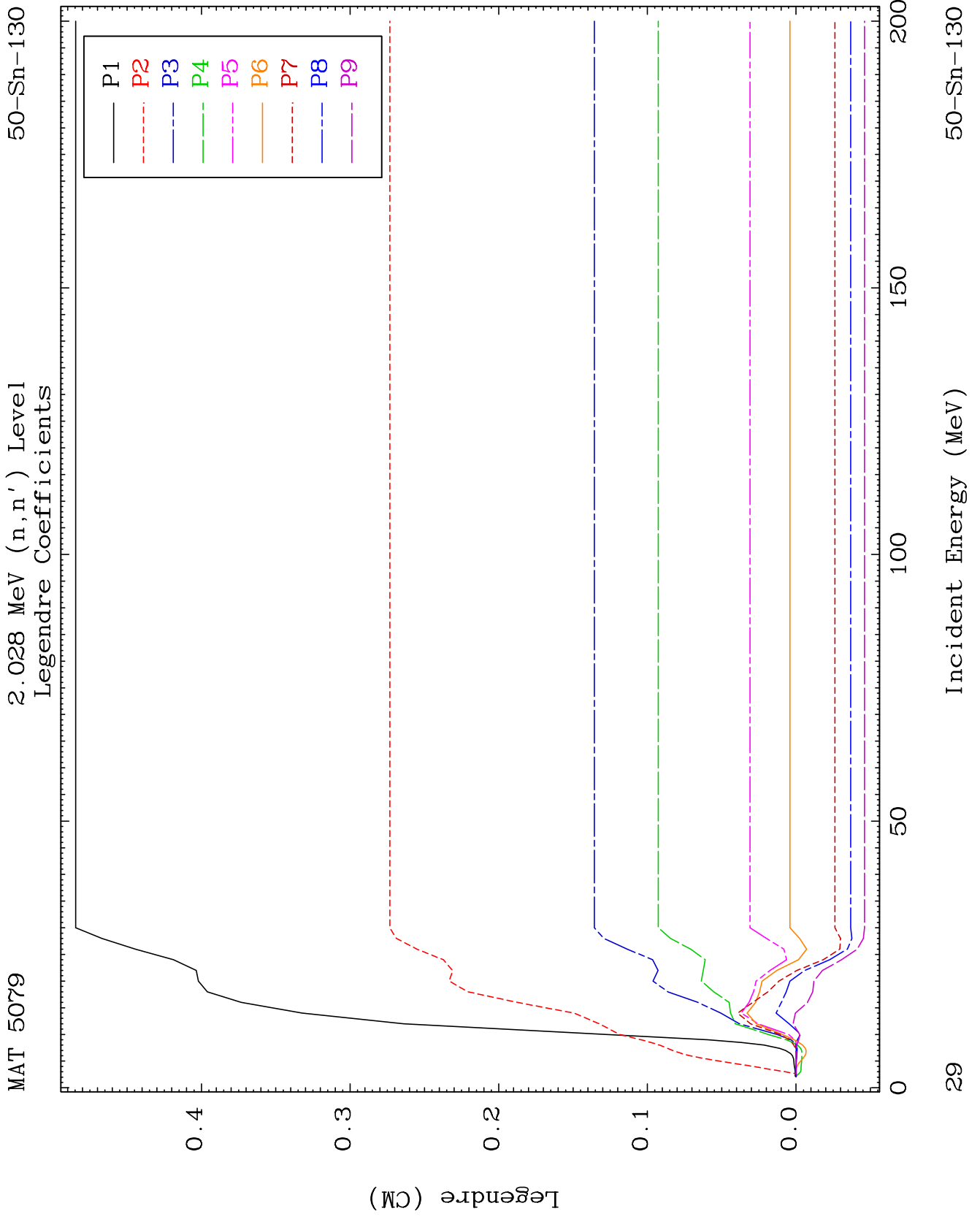
MAT 5079

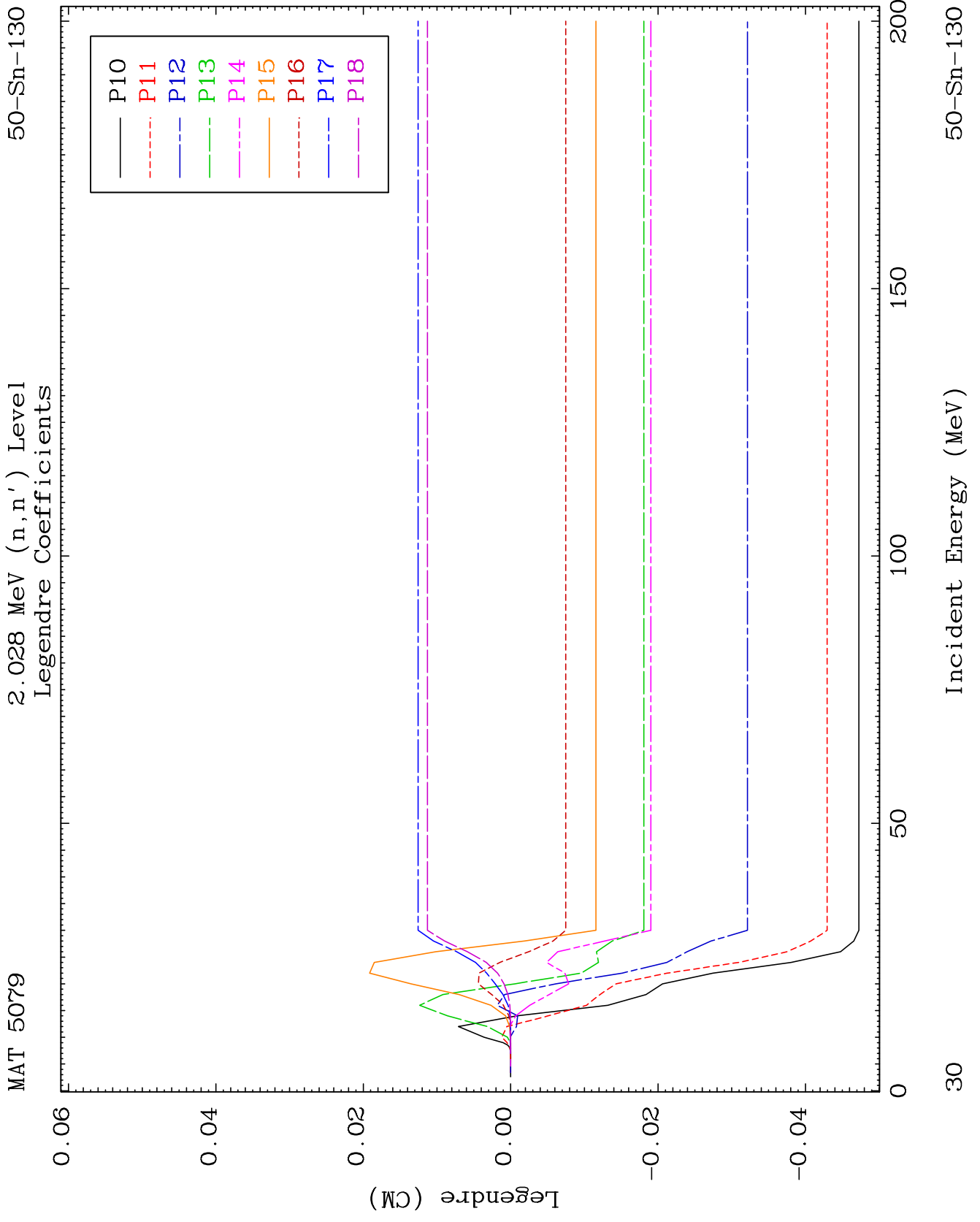
1.996 MeV (n,n') Level
Legendre Coefficients

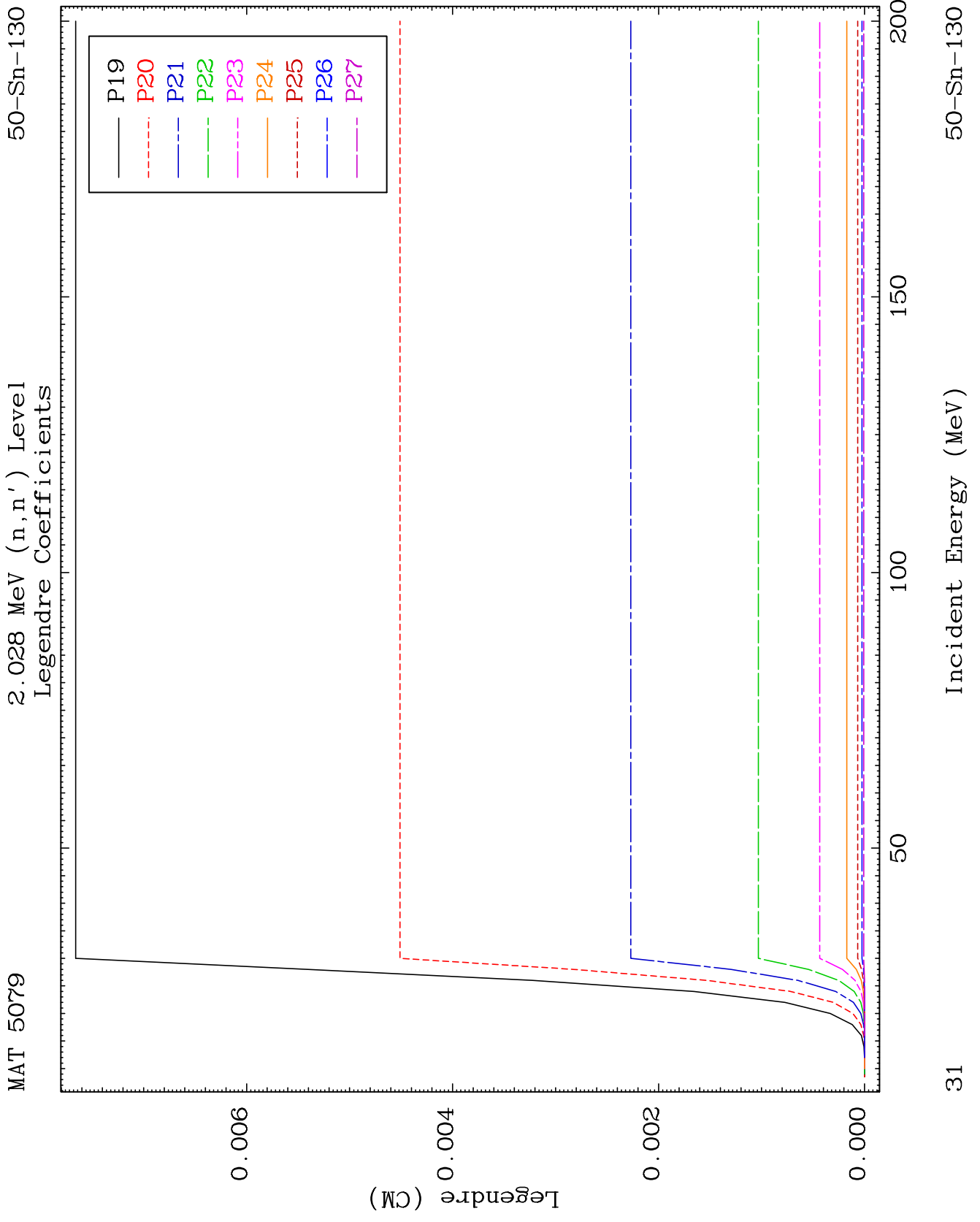
50-Sn-130

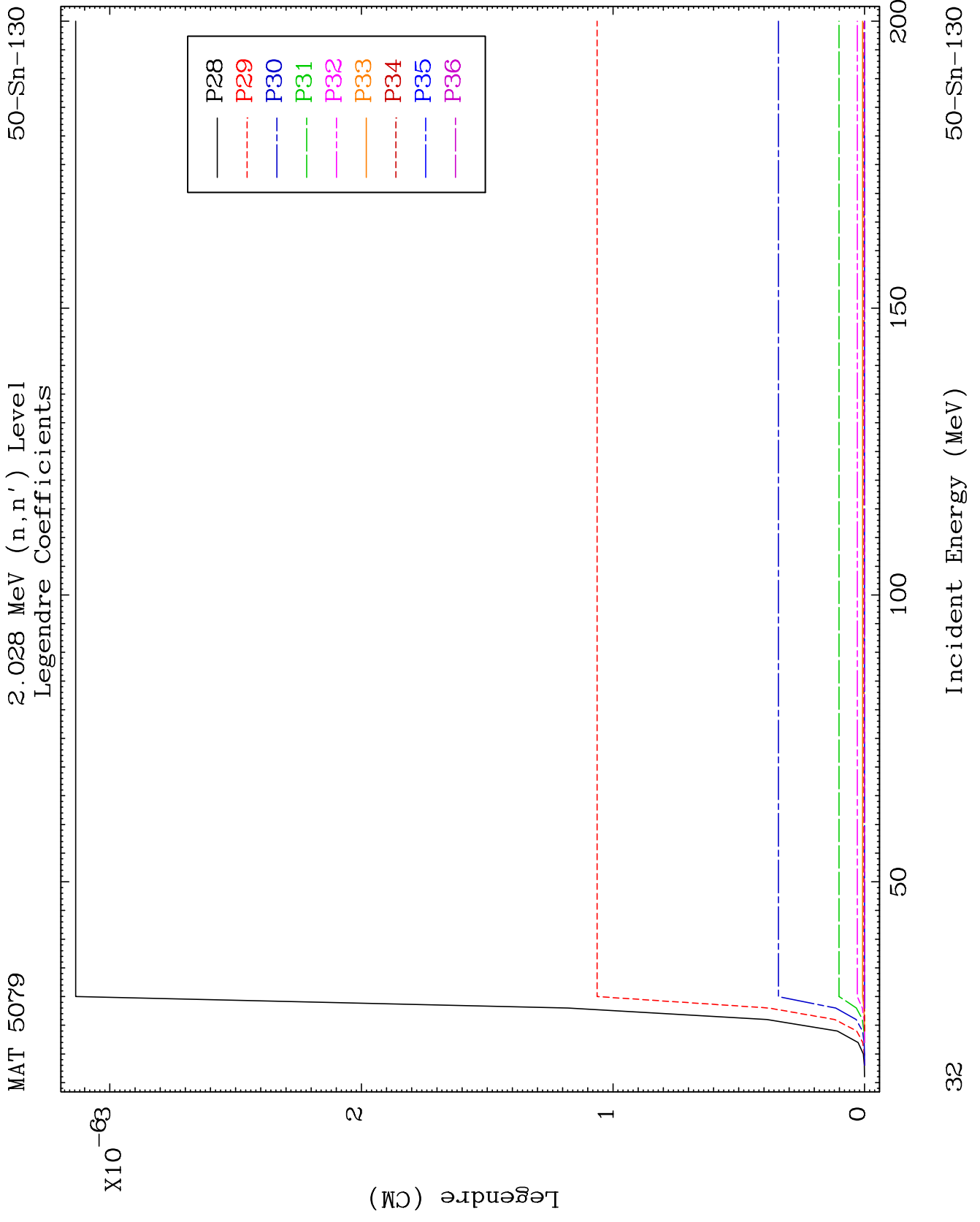


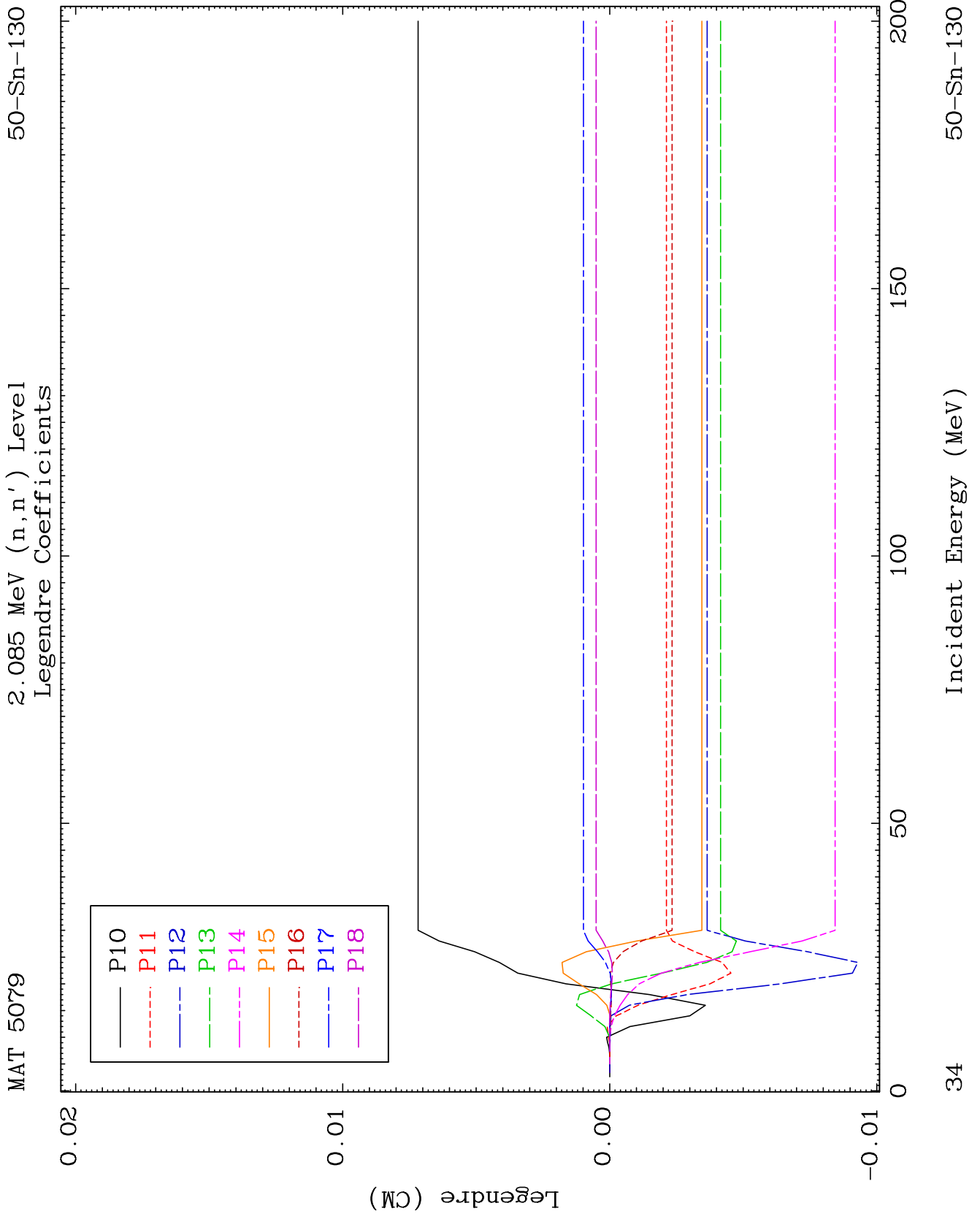


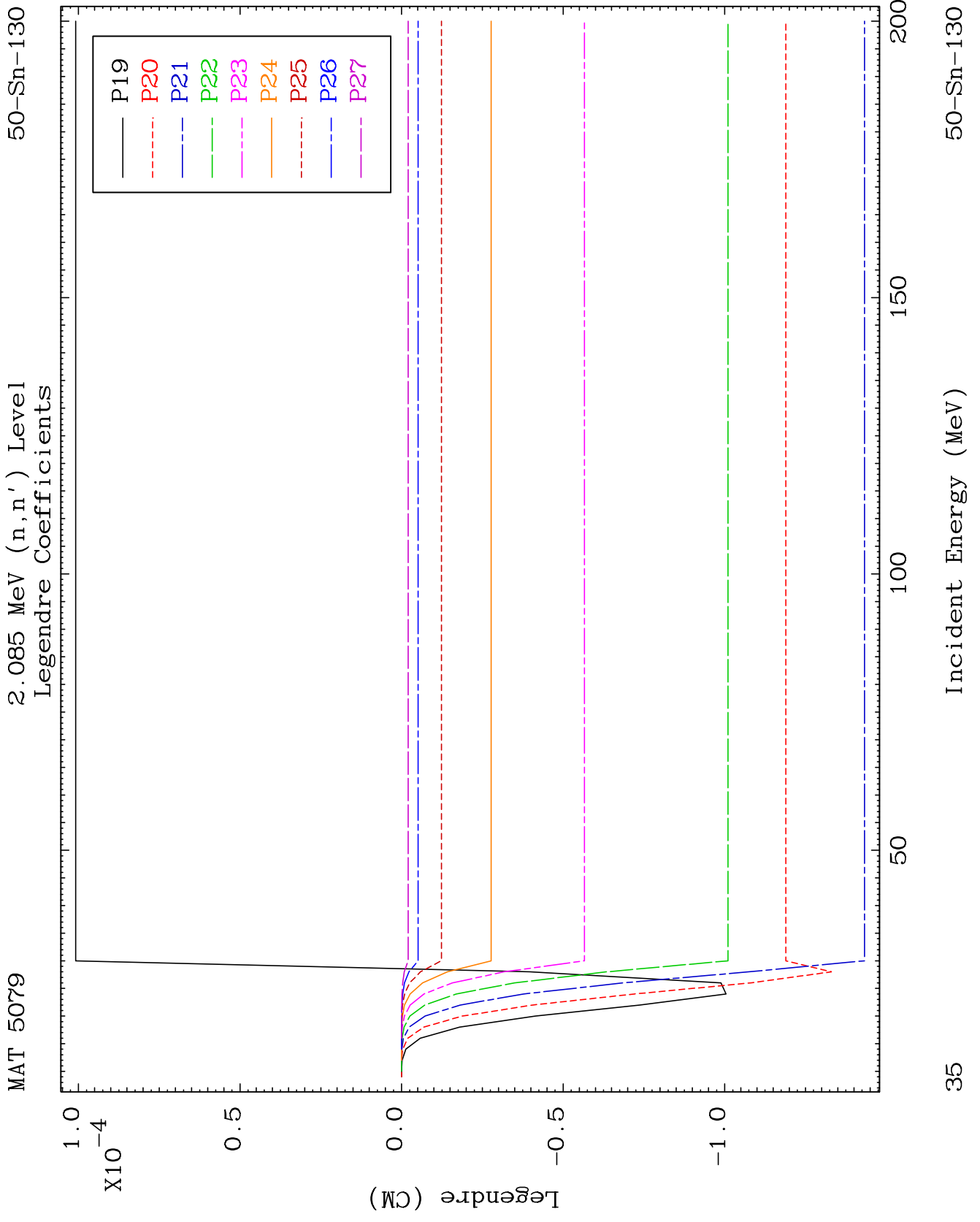


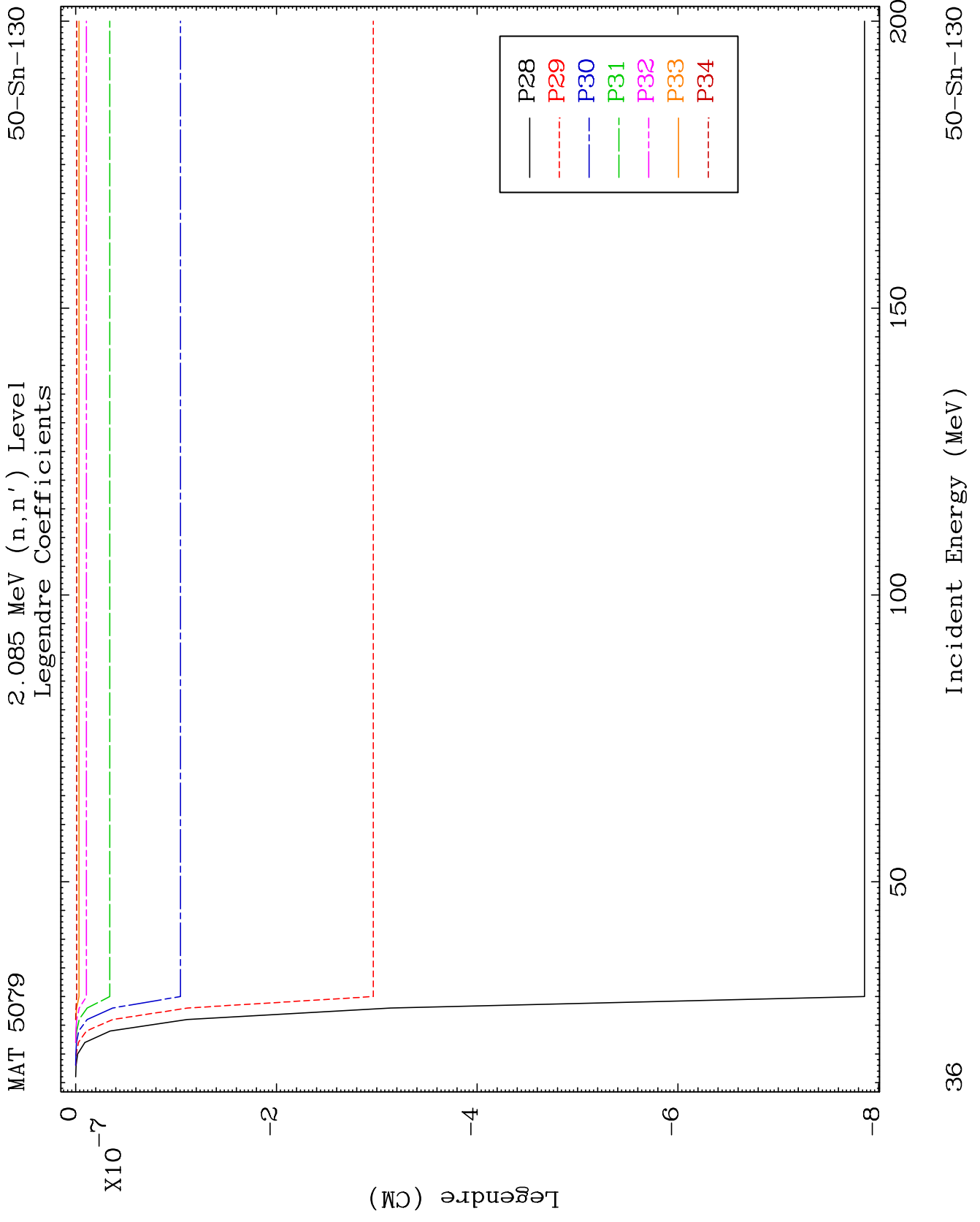


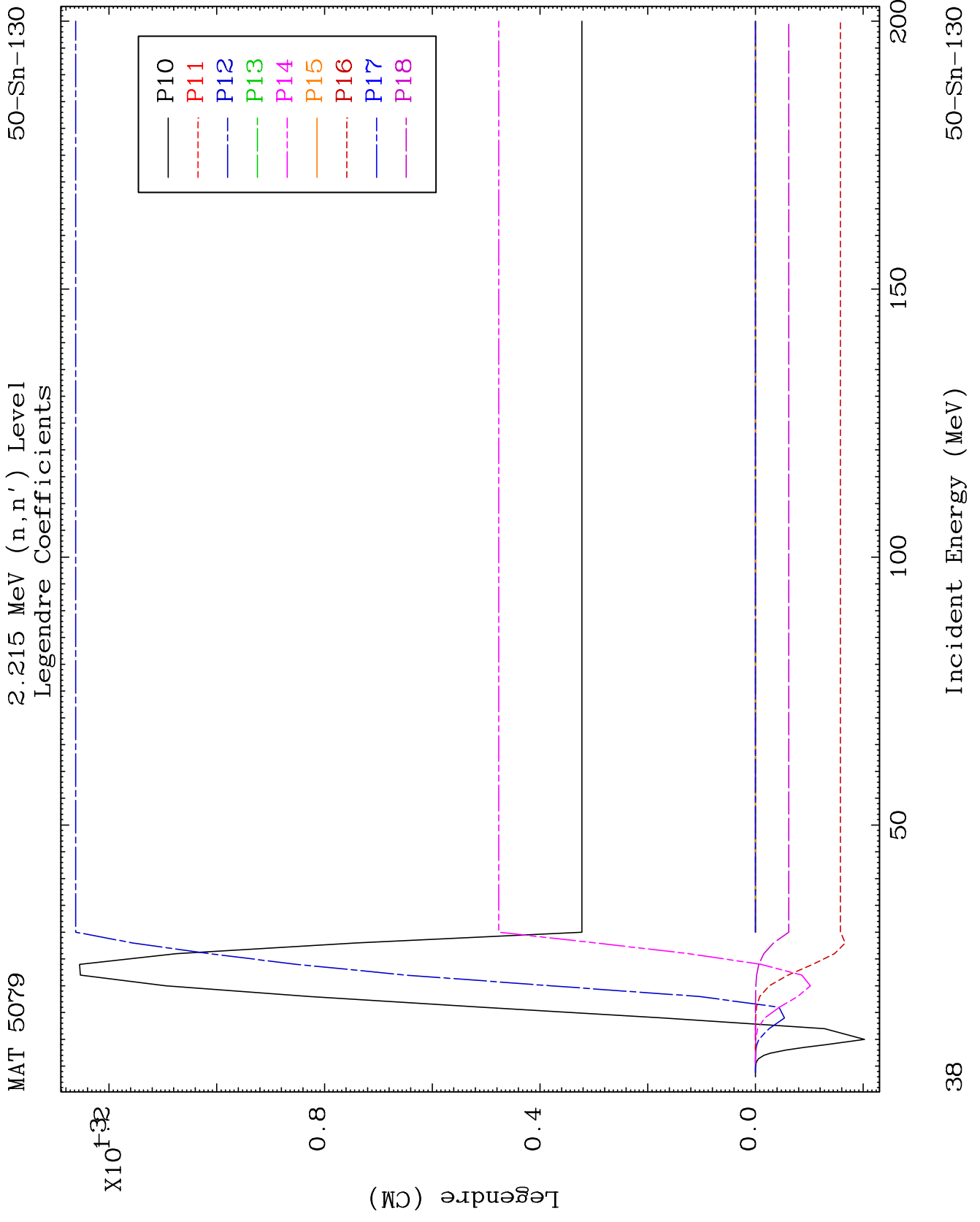


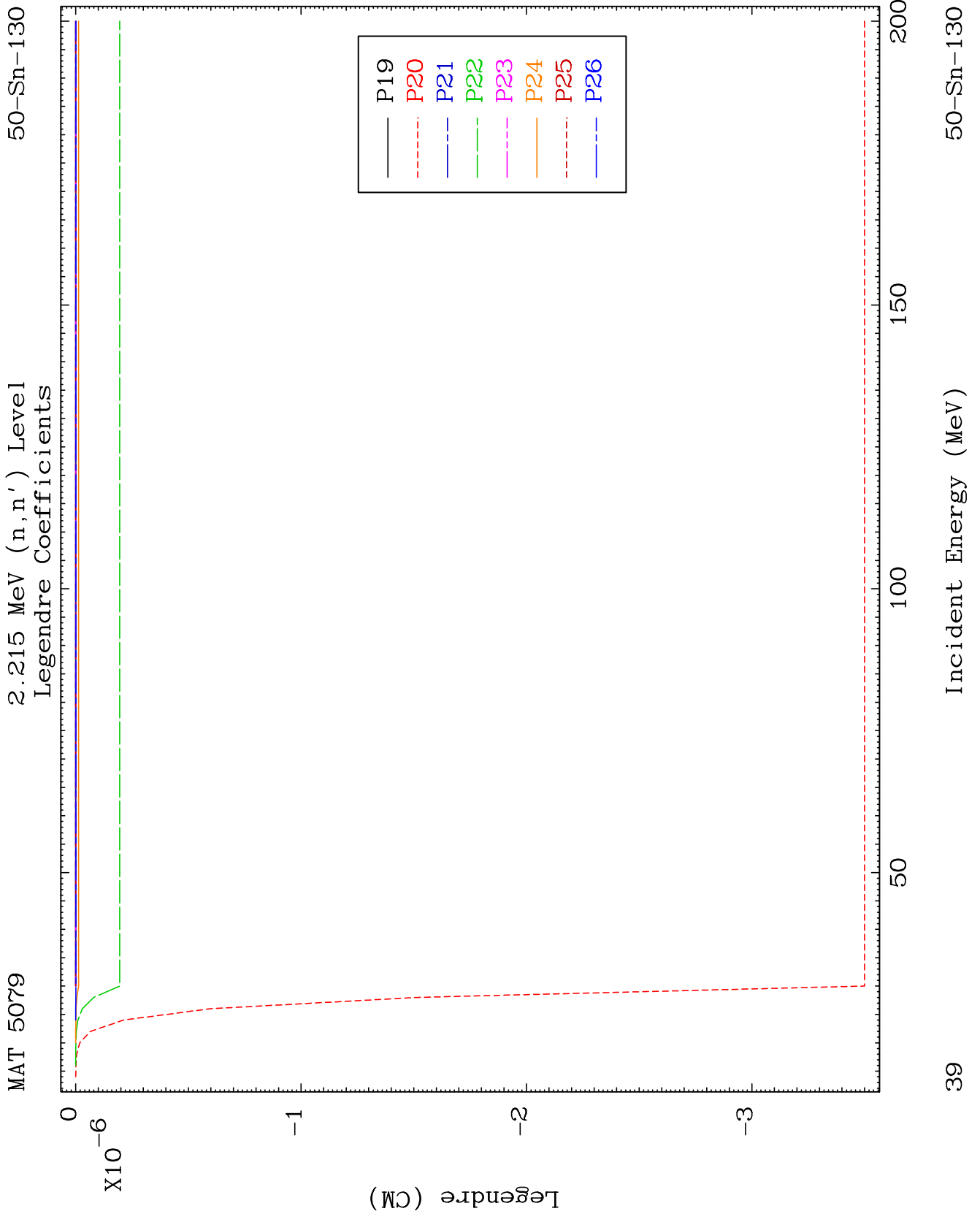


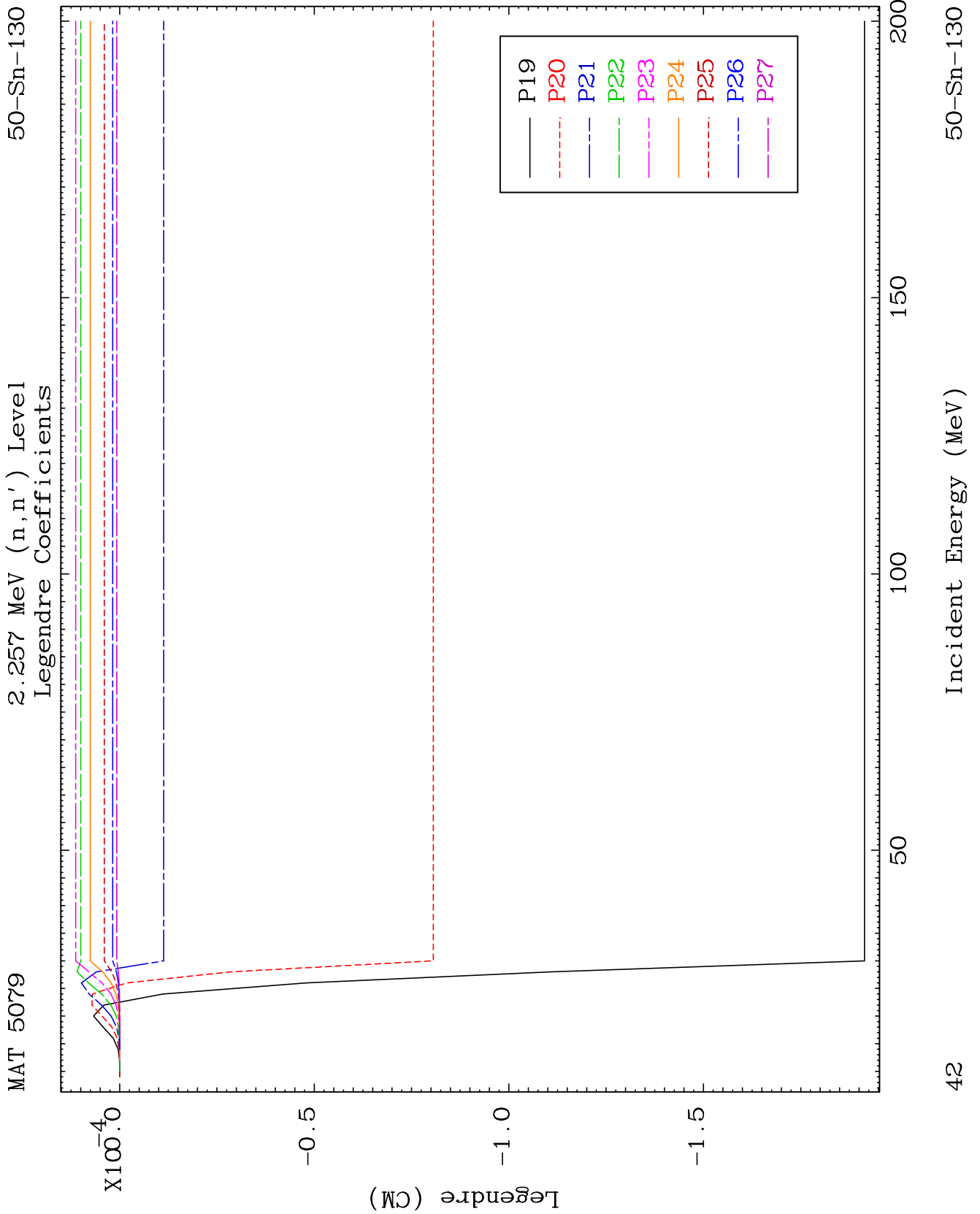


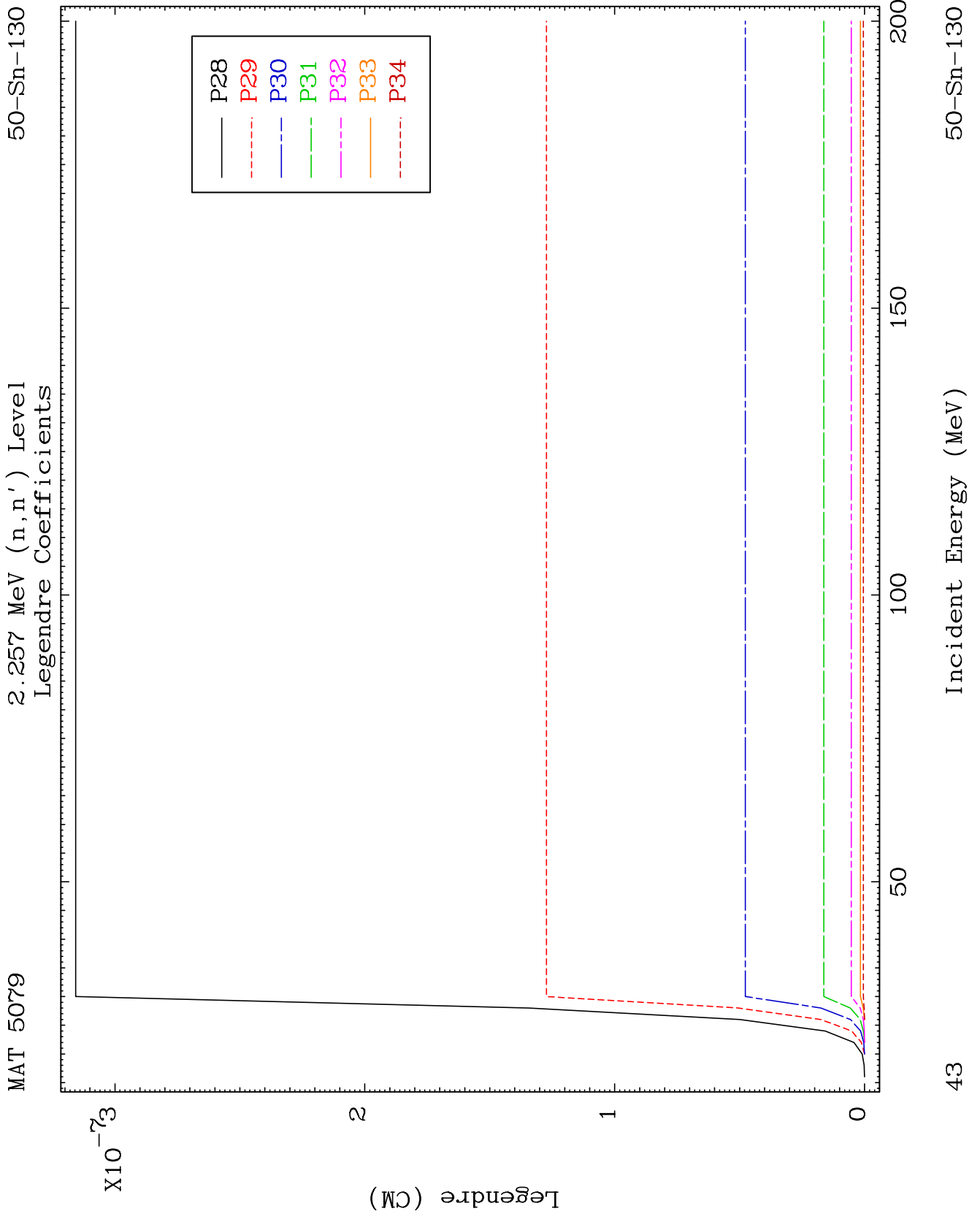


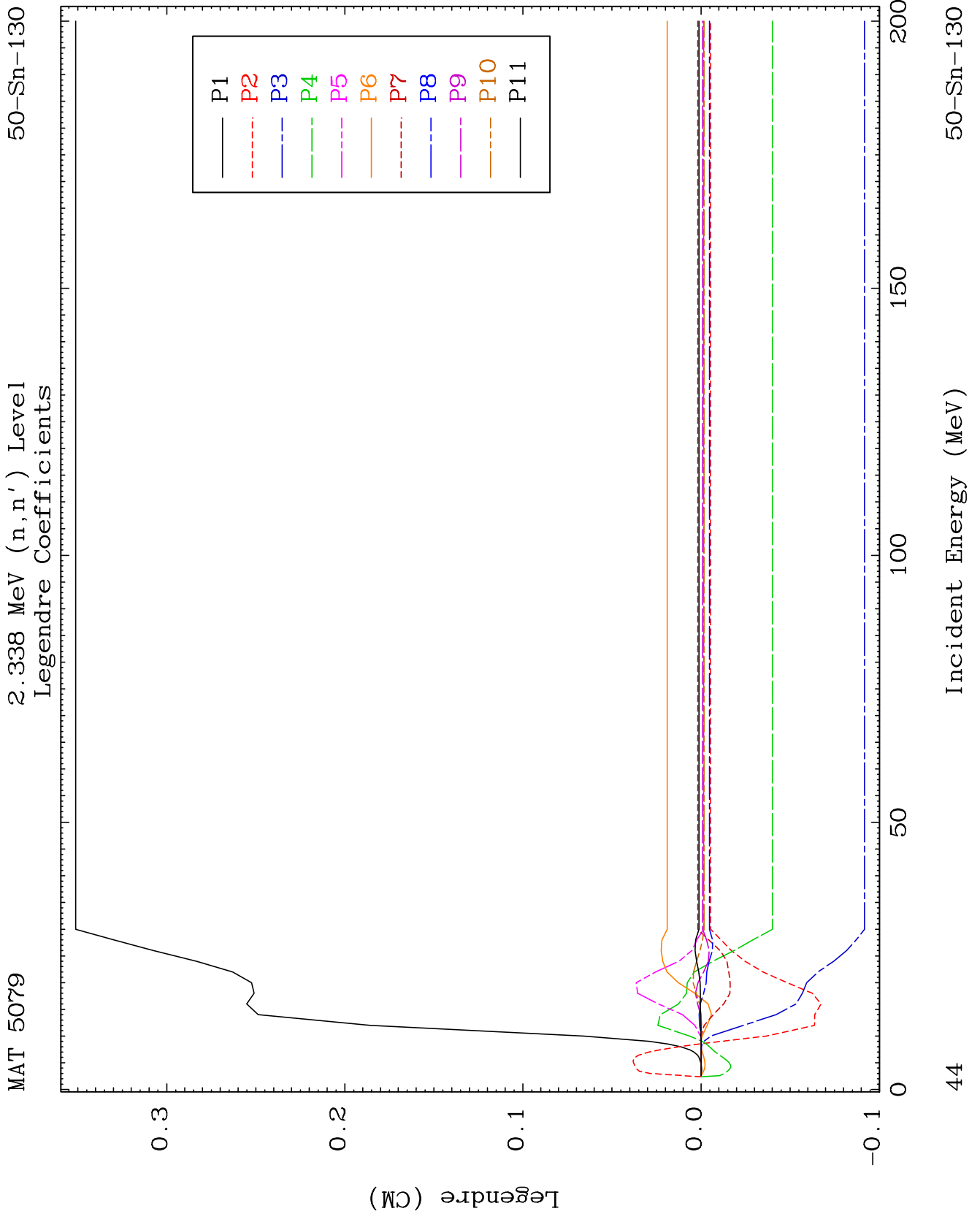








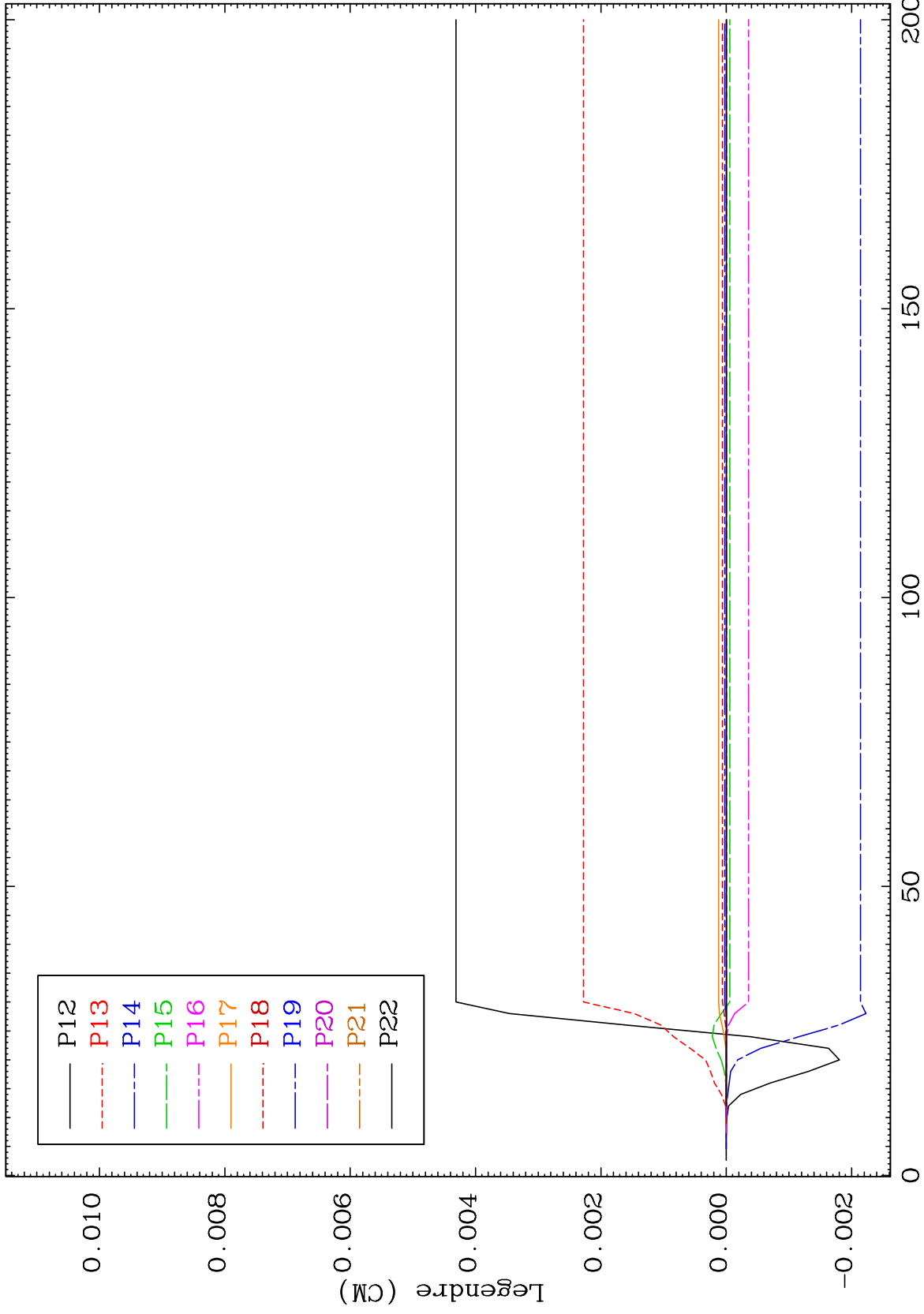




MAT 5079

2.338 MeV (n,n') Level
Legendre Coefficients

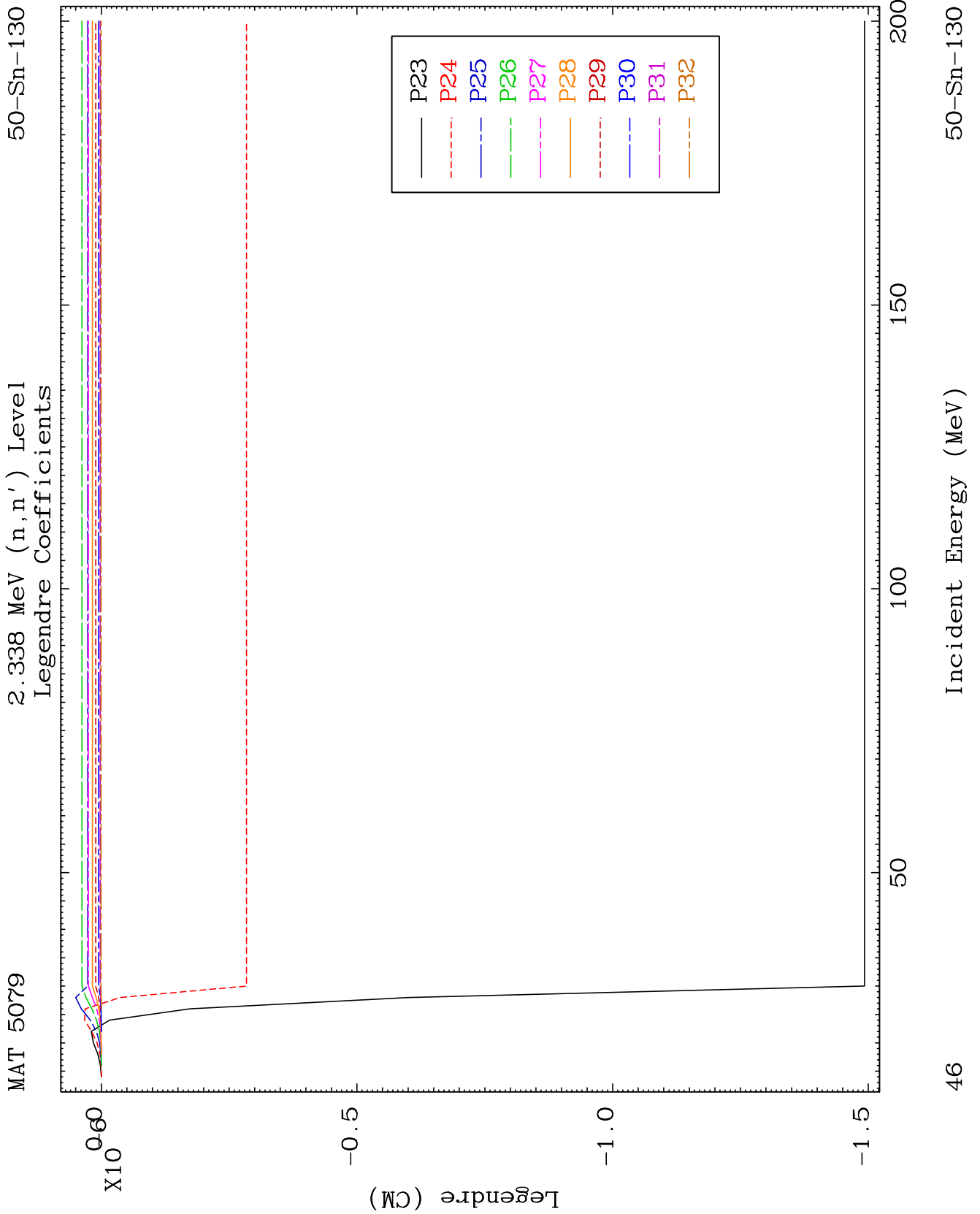
50-Sn-130

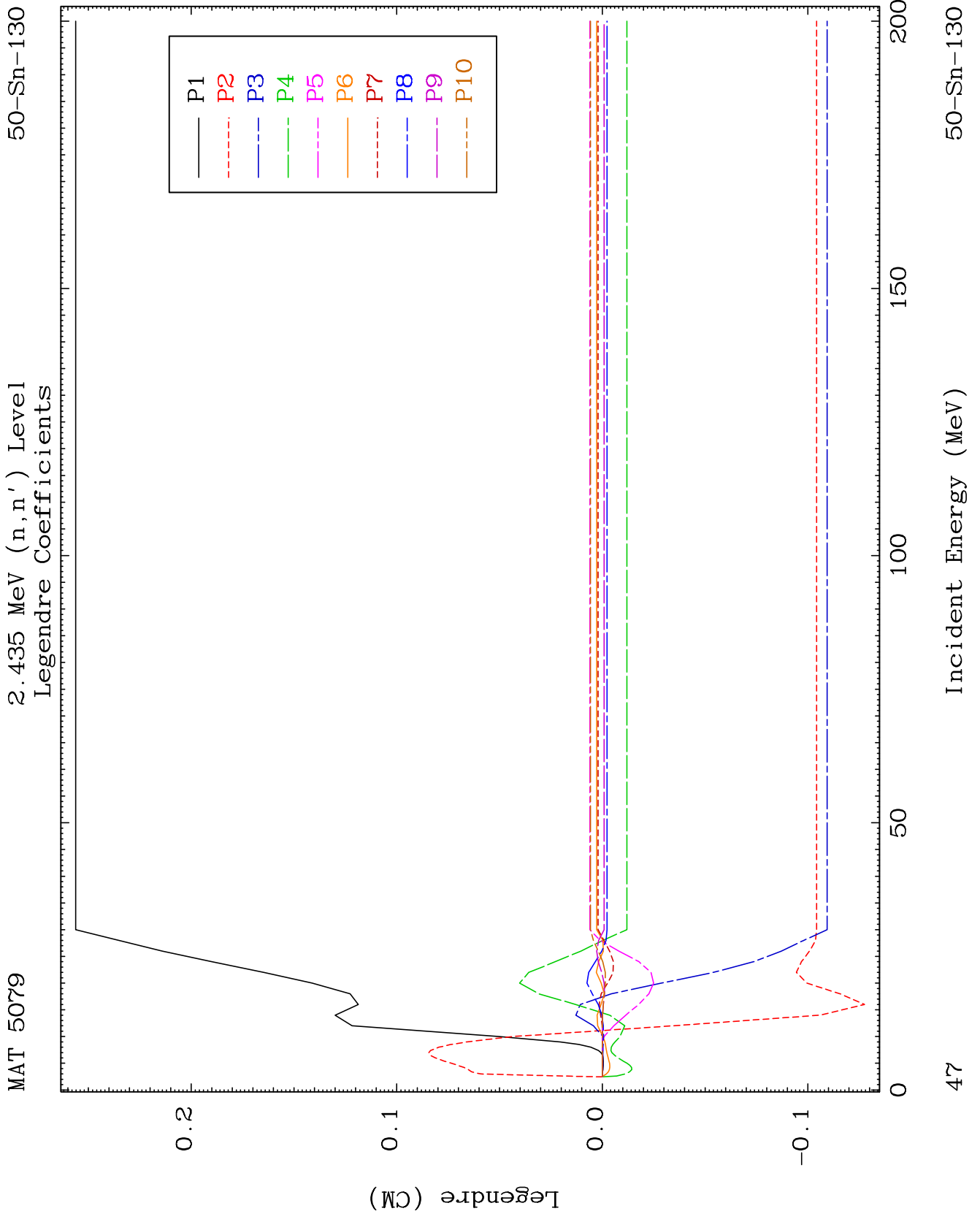


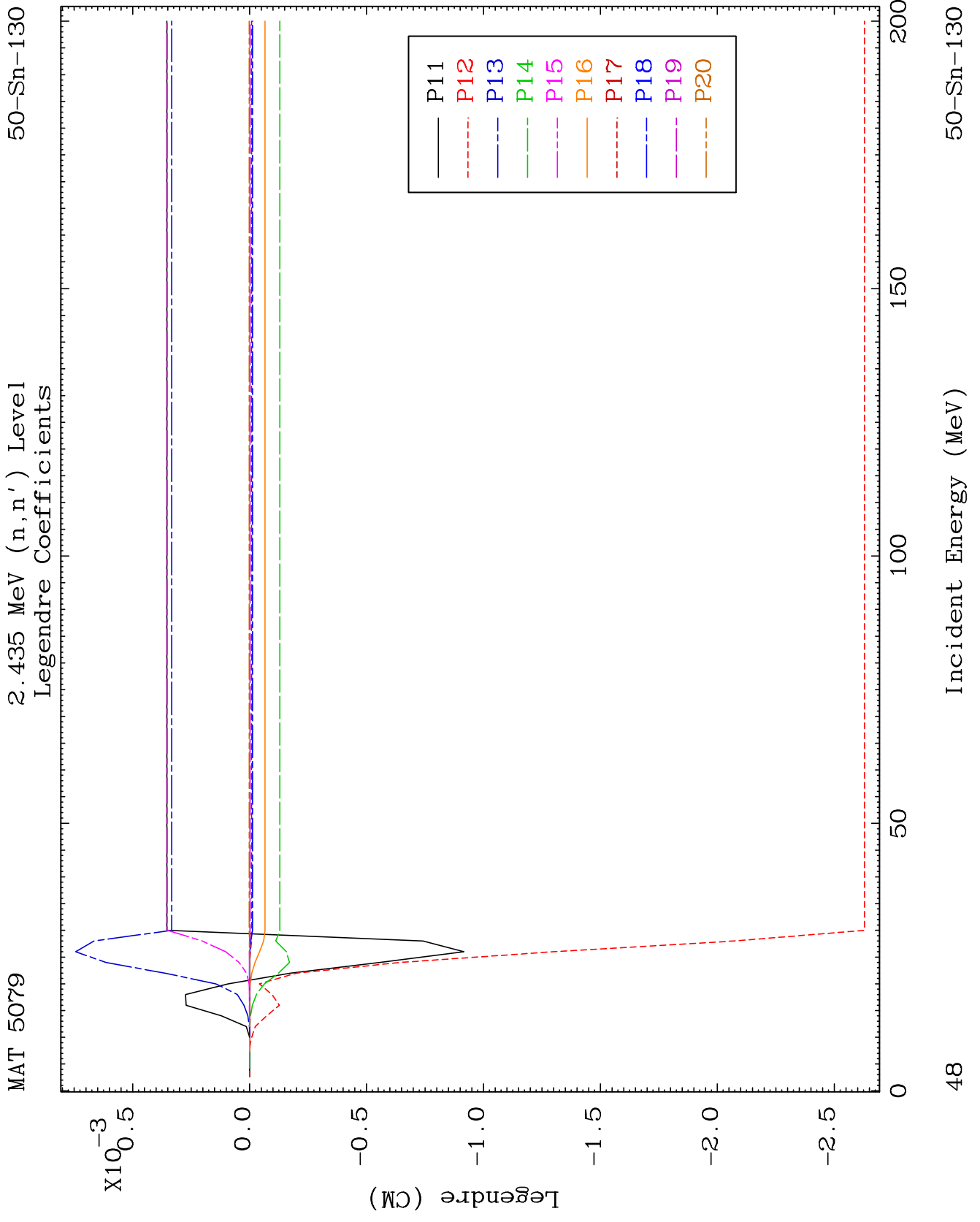
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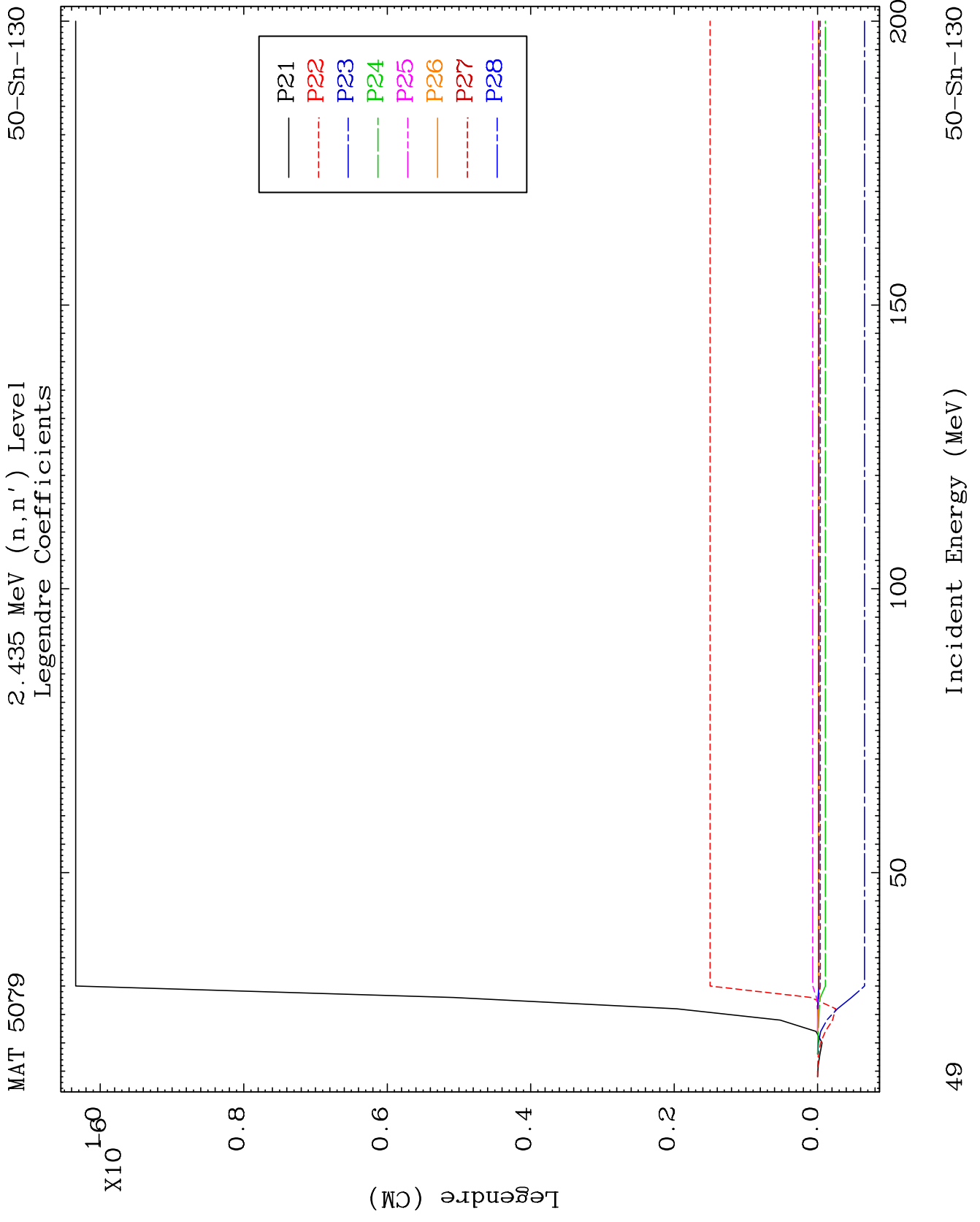
Incident Energy (MeV)

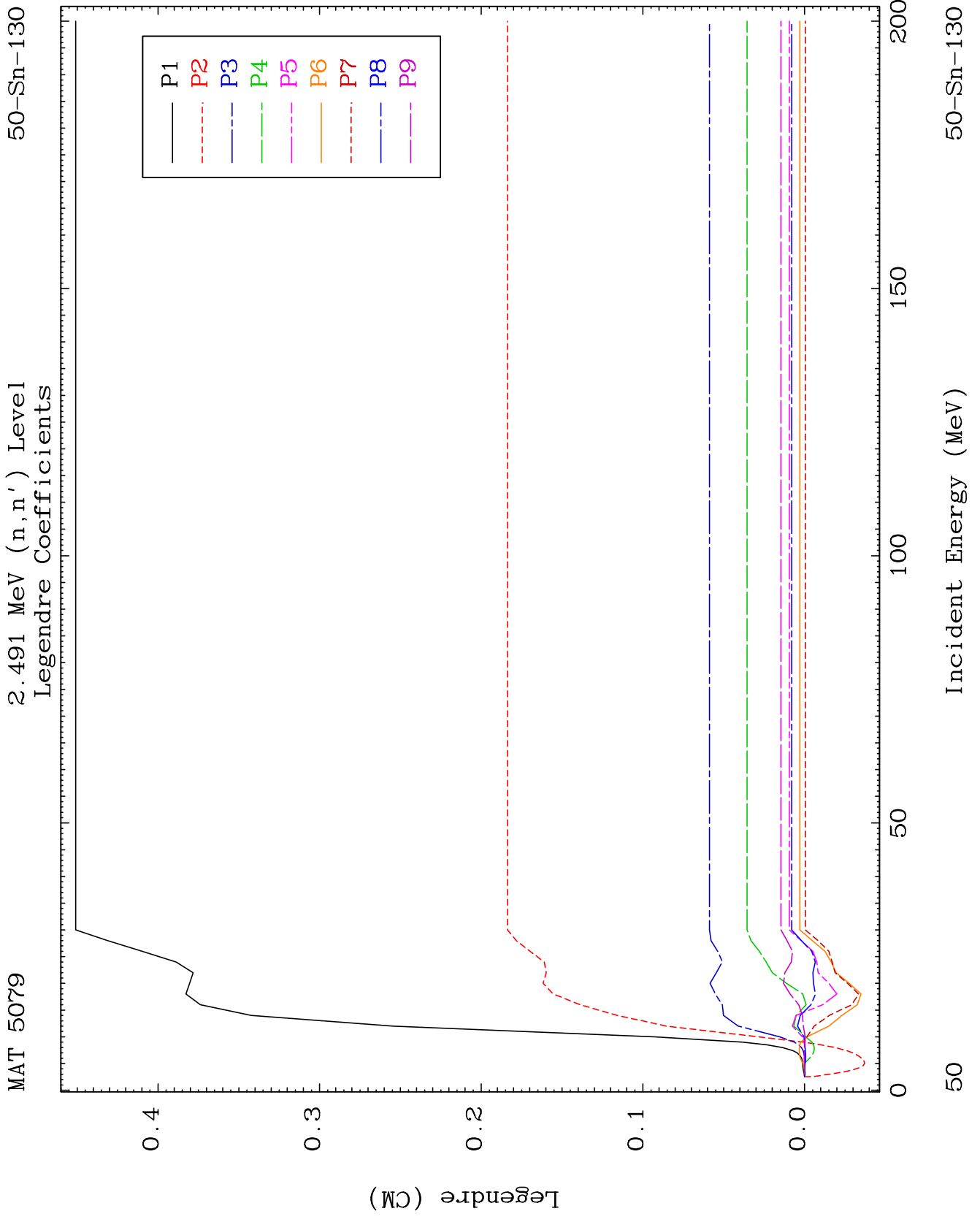
50-Sn-130







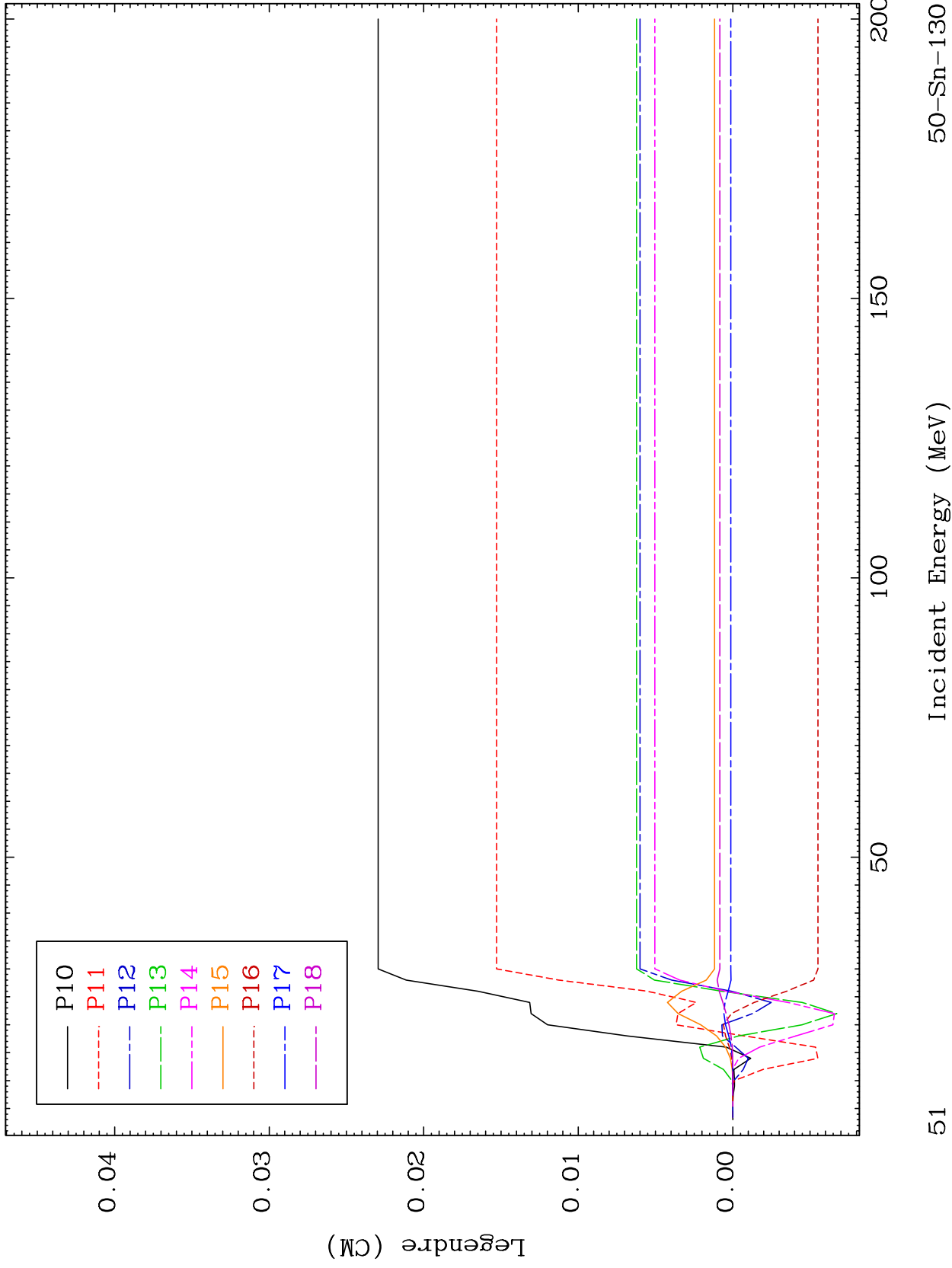


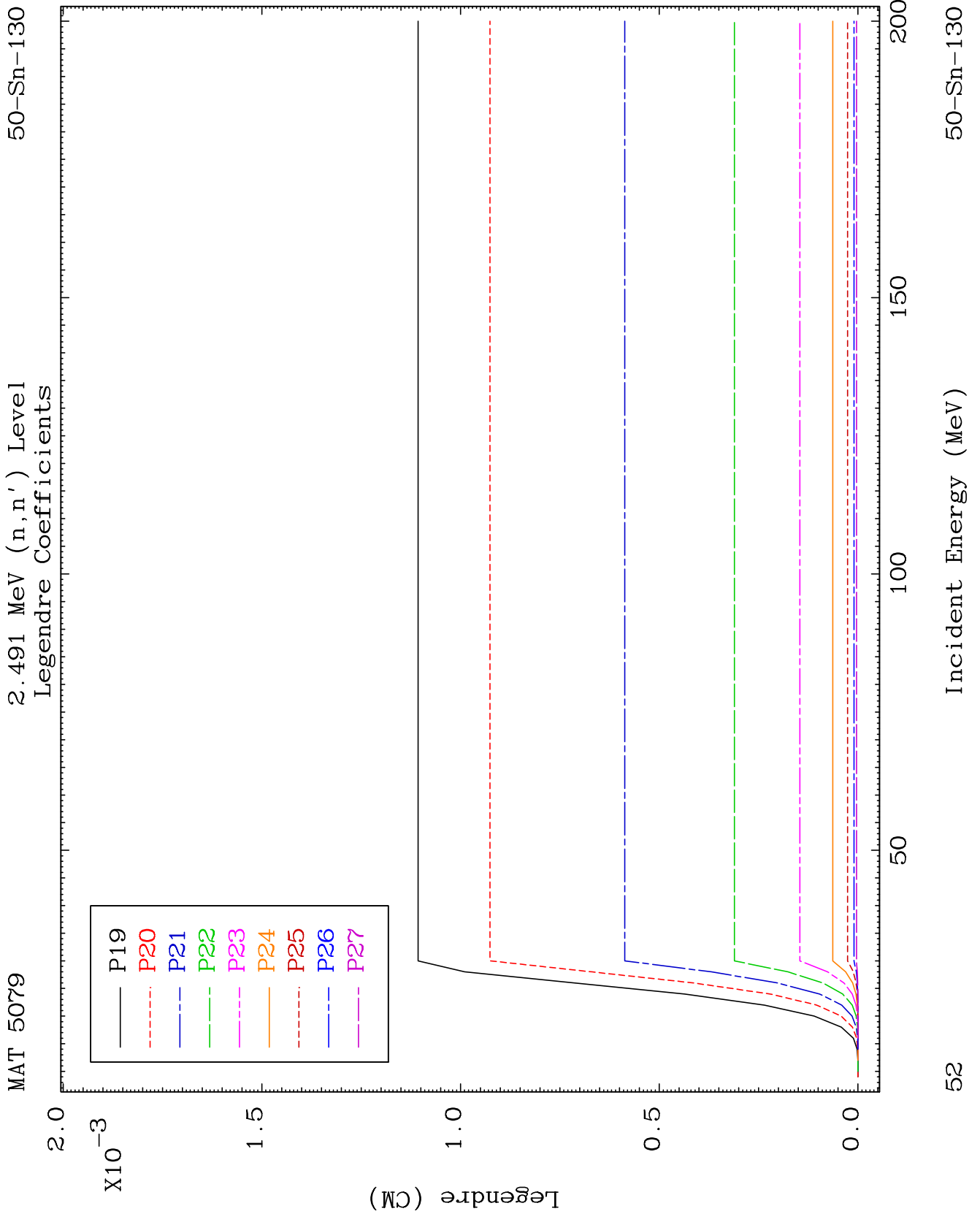


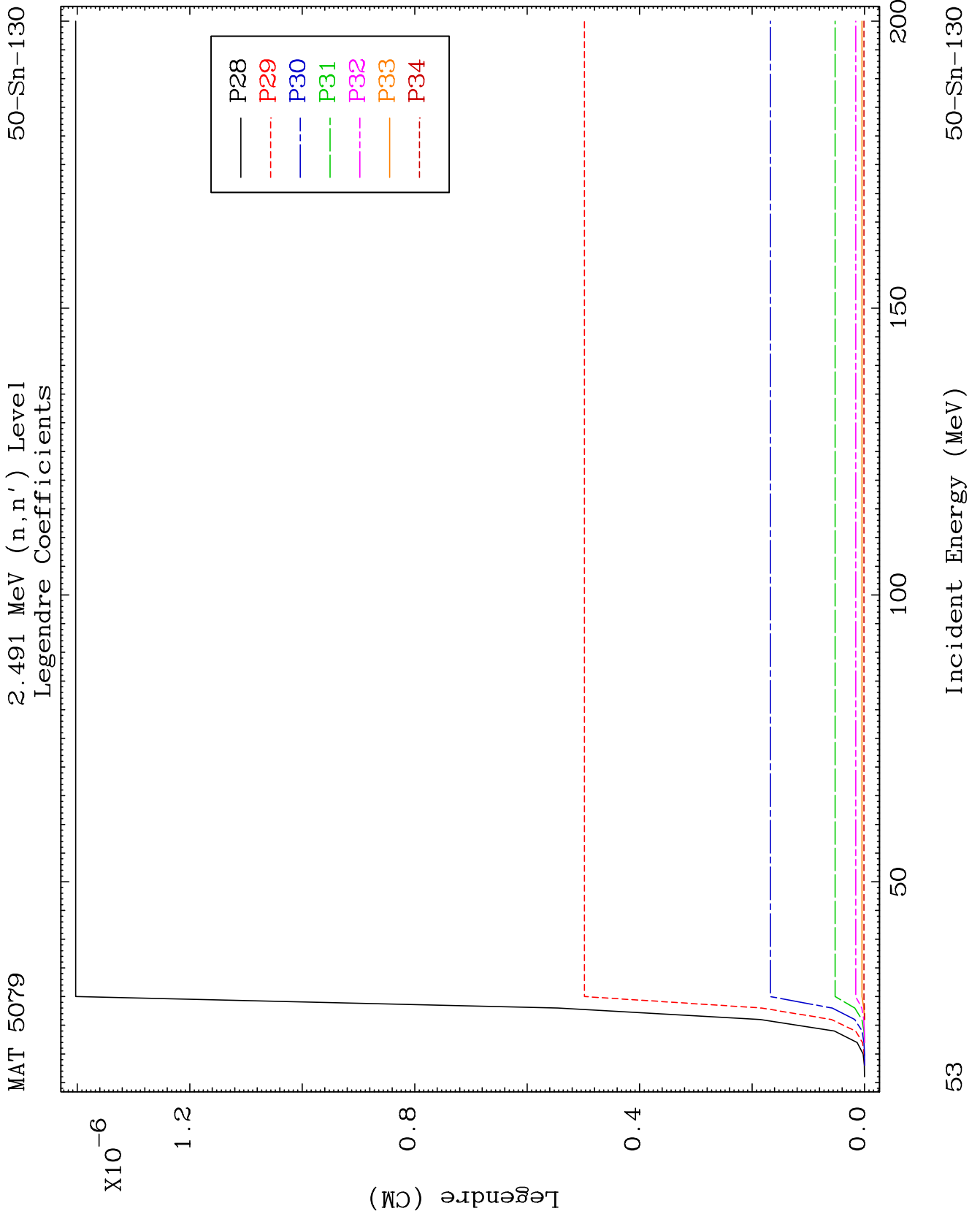
MAT 5079

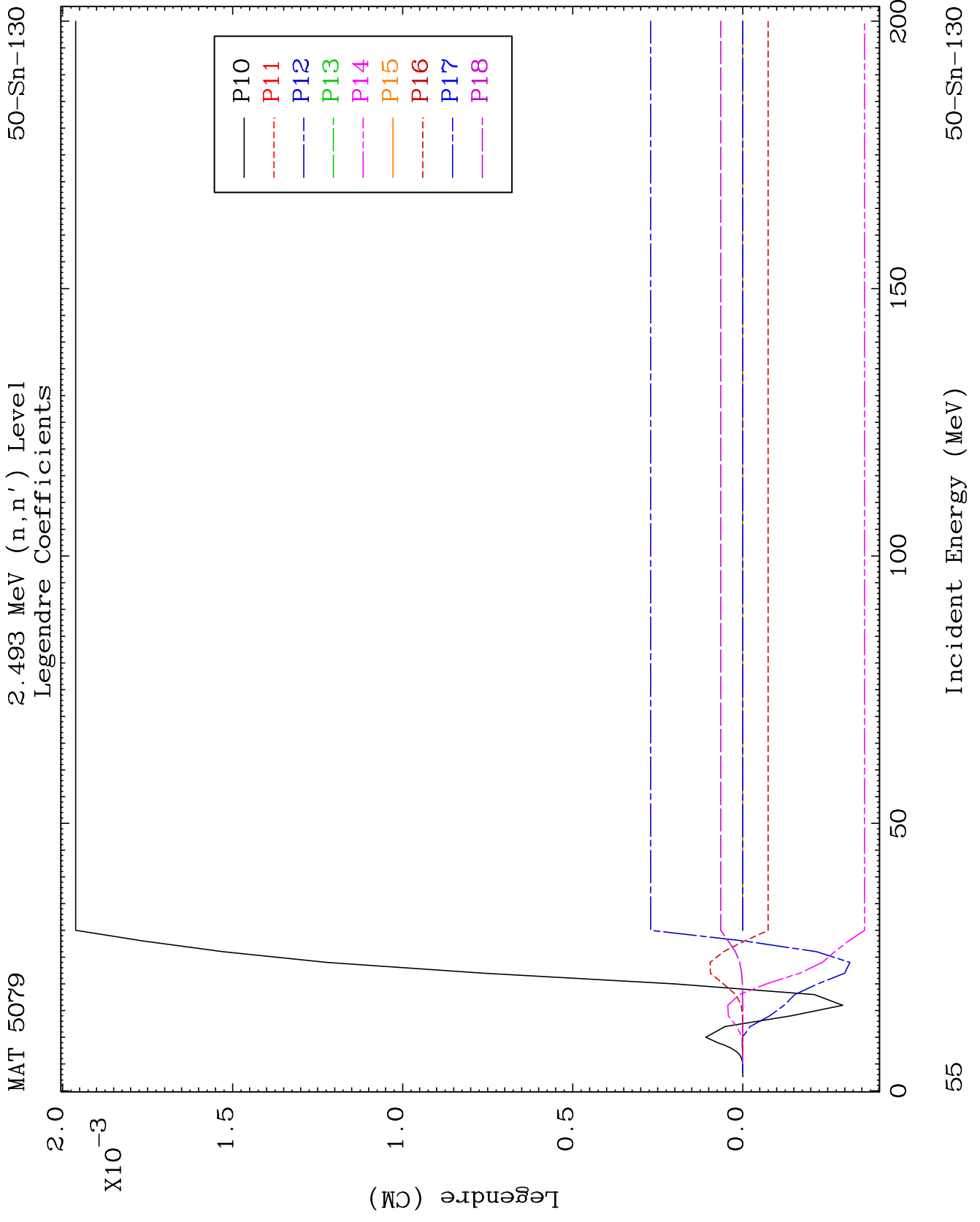
2.491 MeV (n,n') Level
Legendre Coefficients

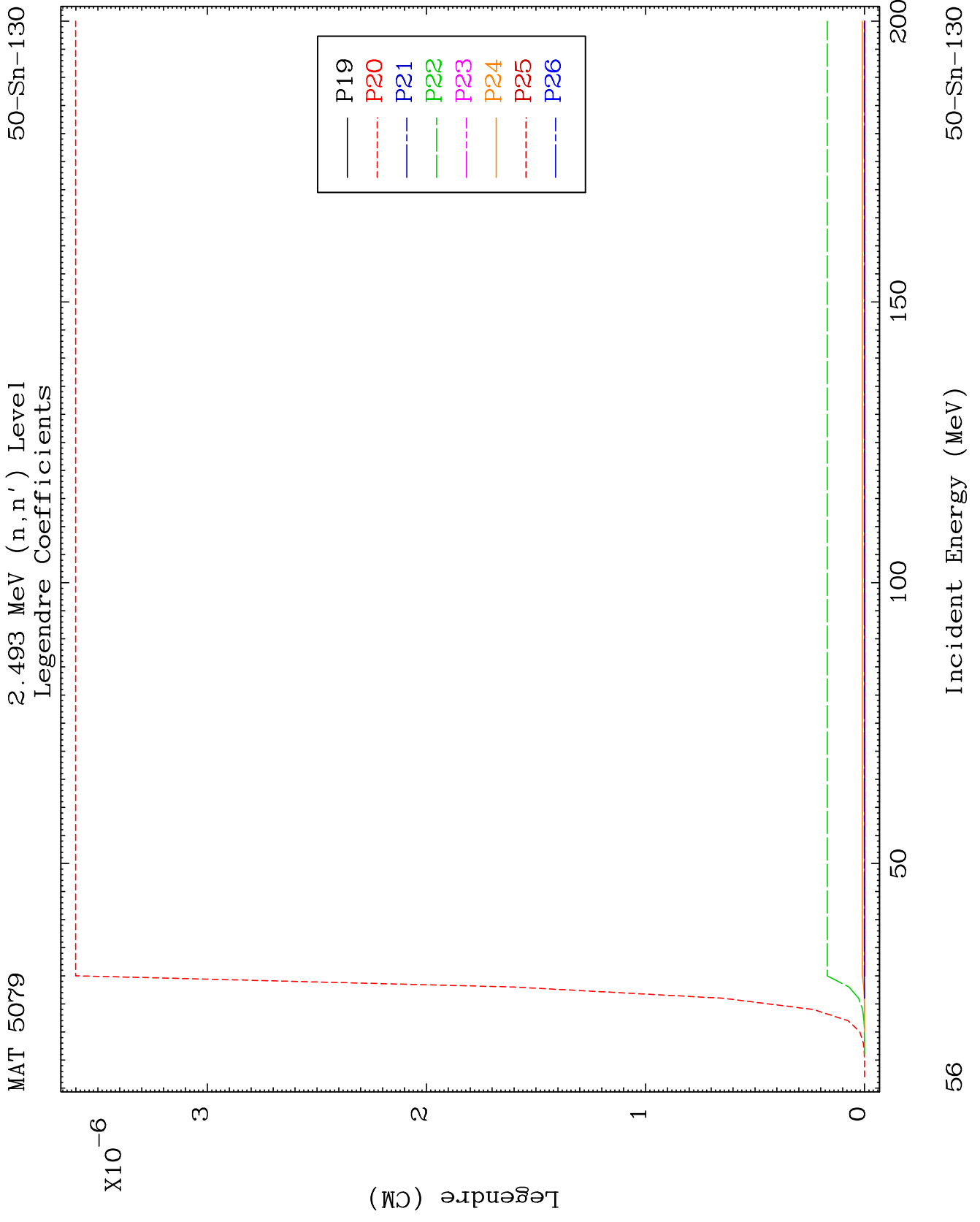
50-Sn-130

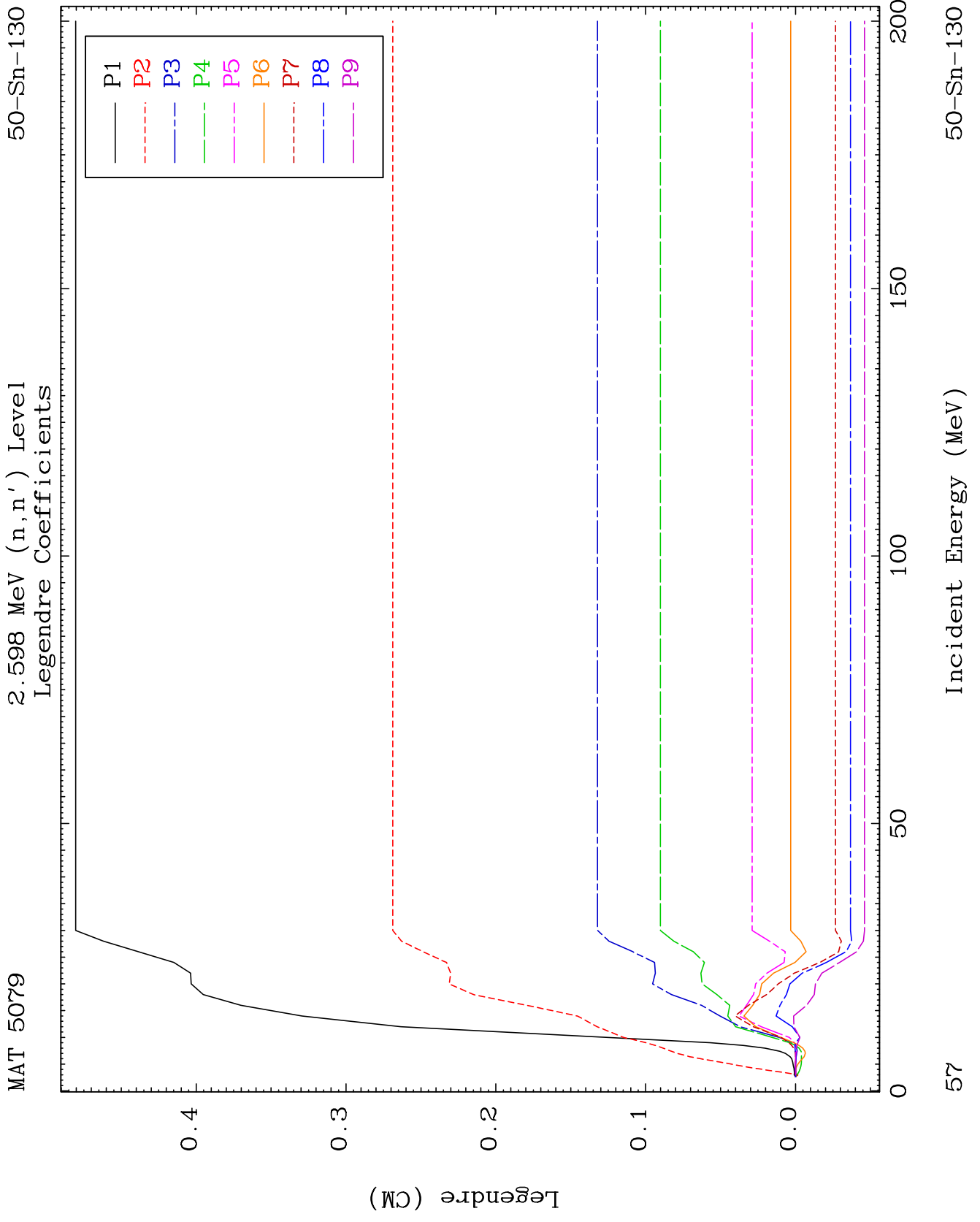


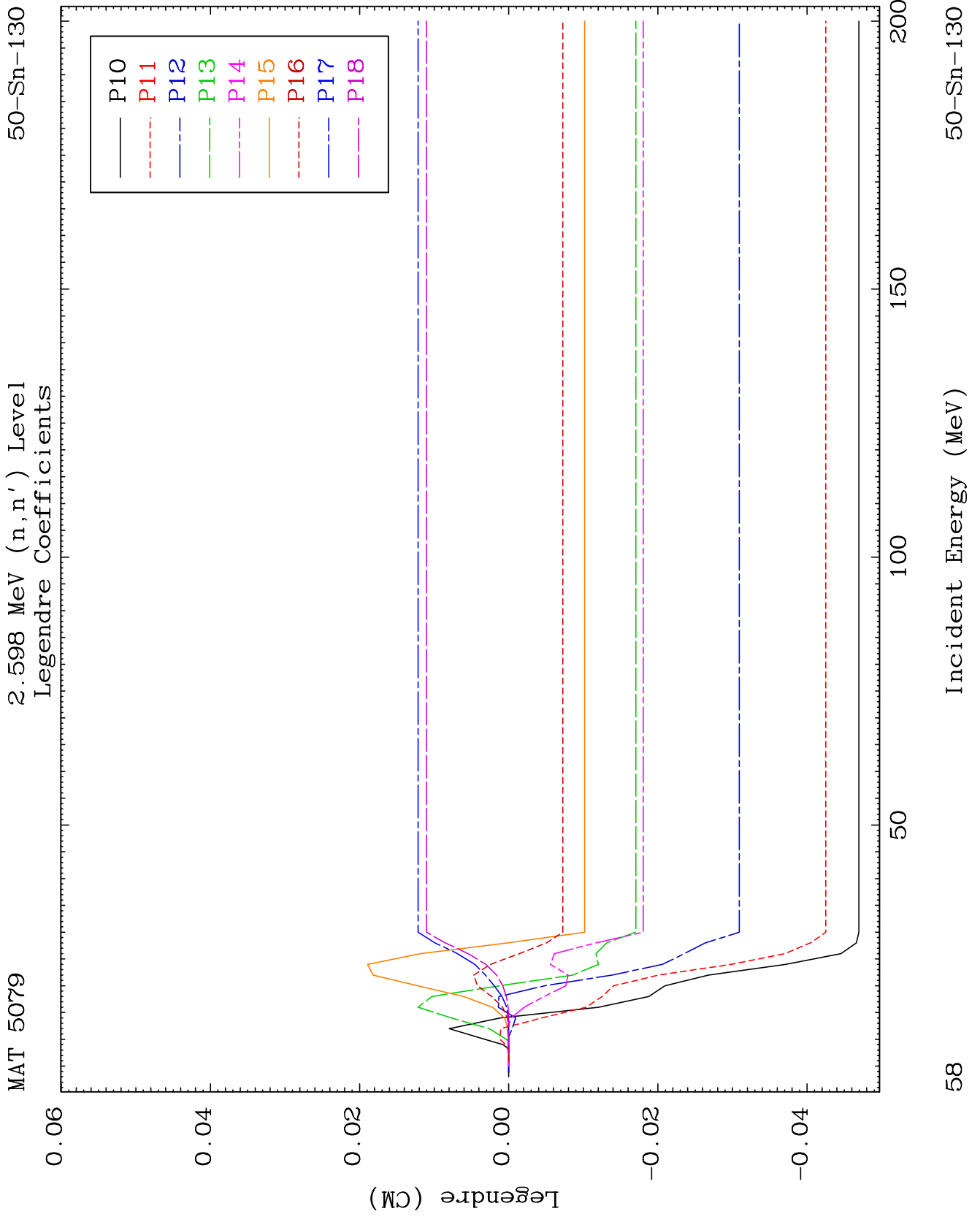


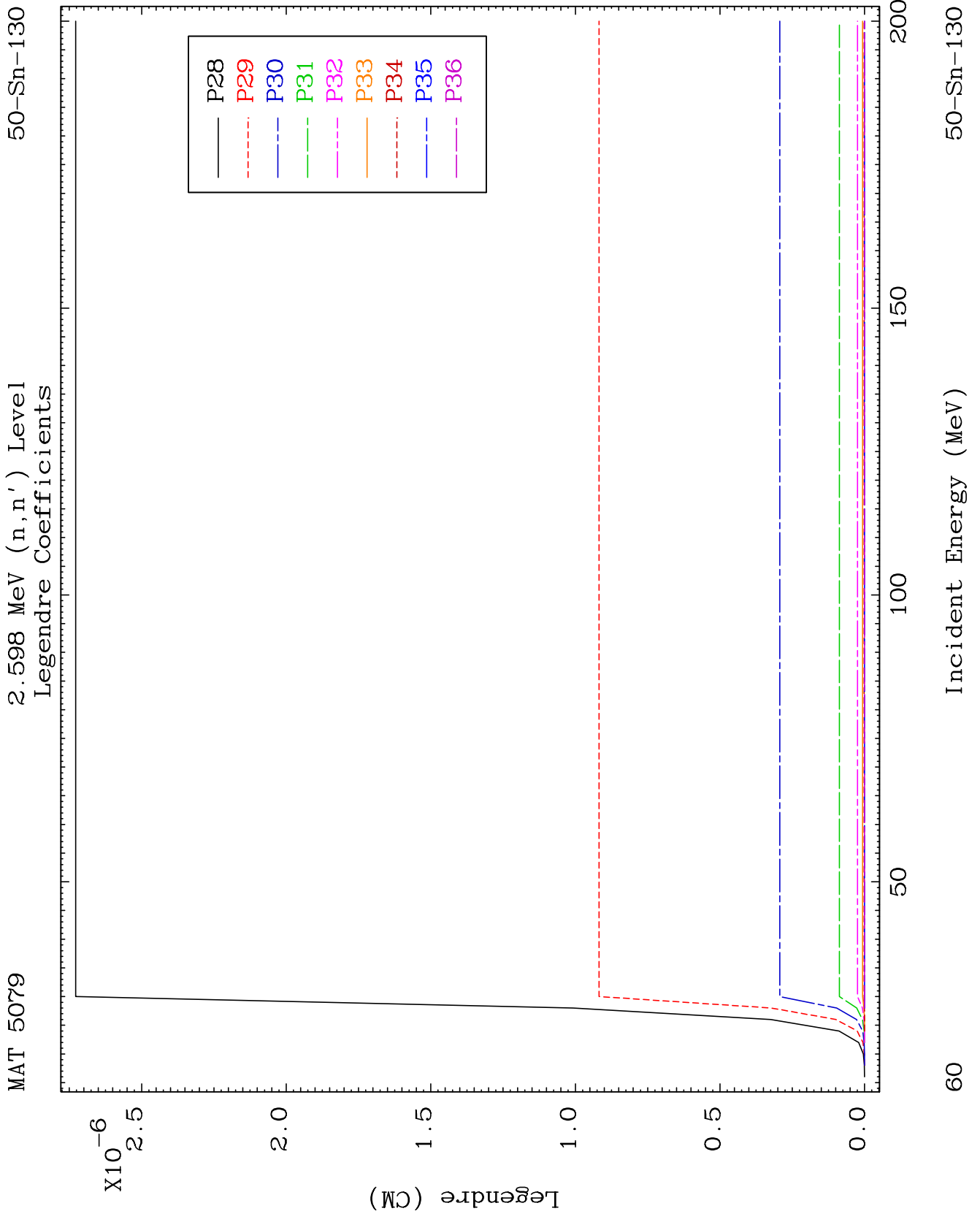


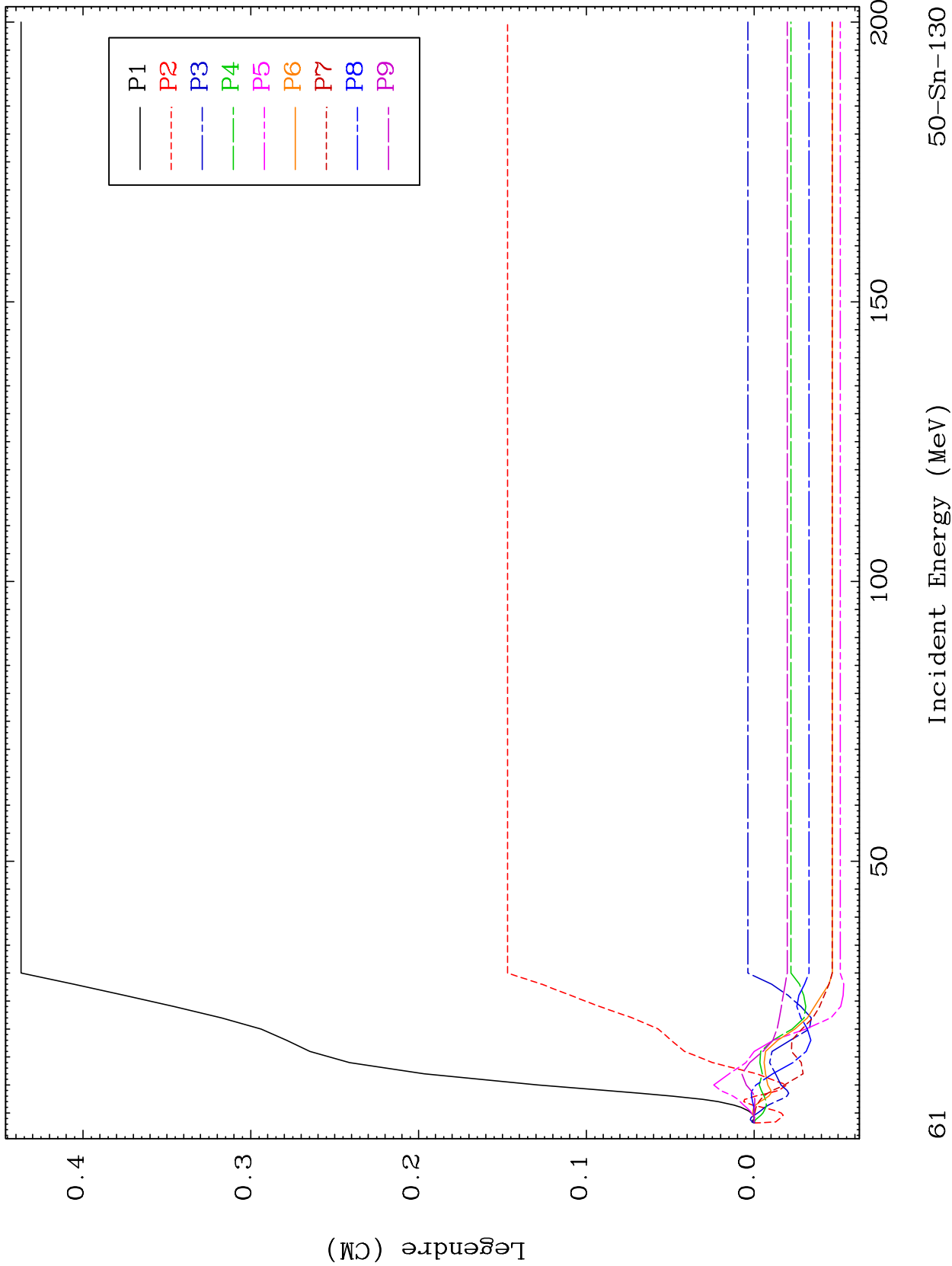


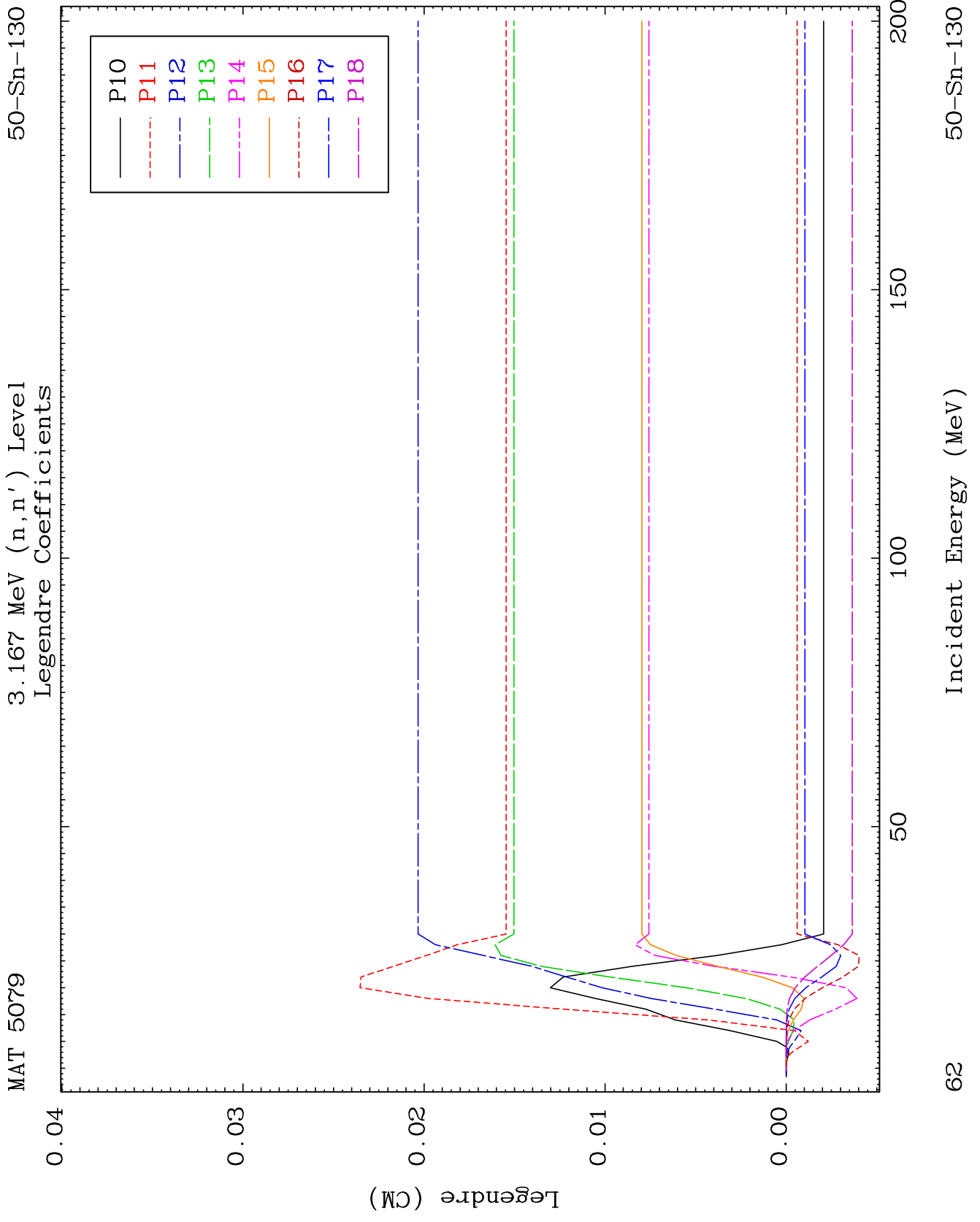


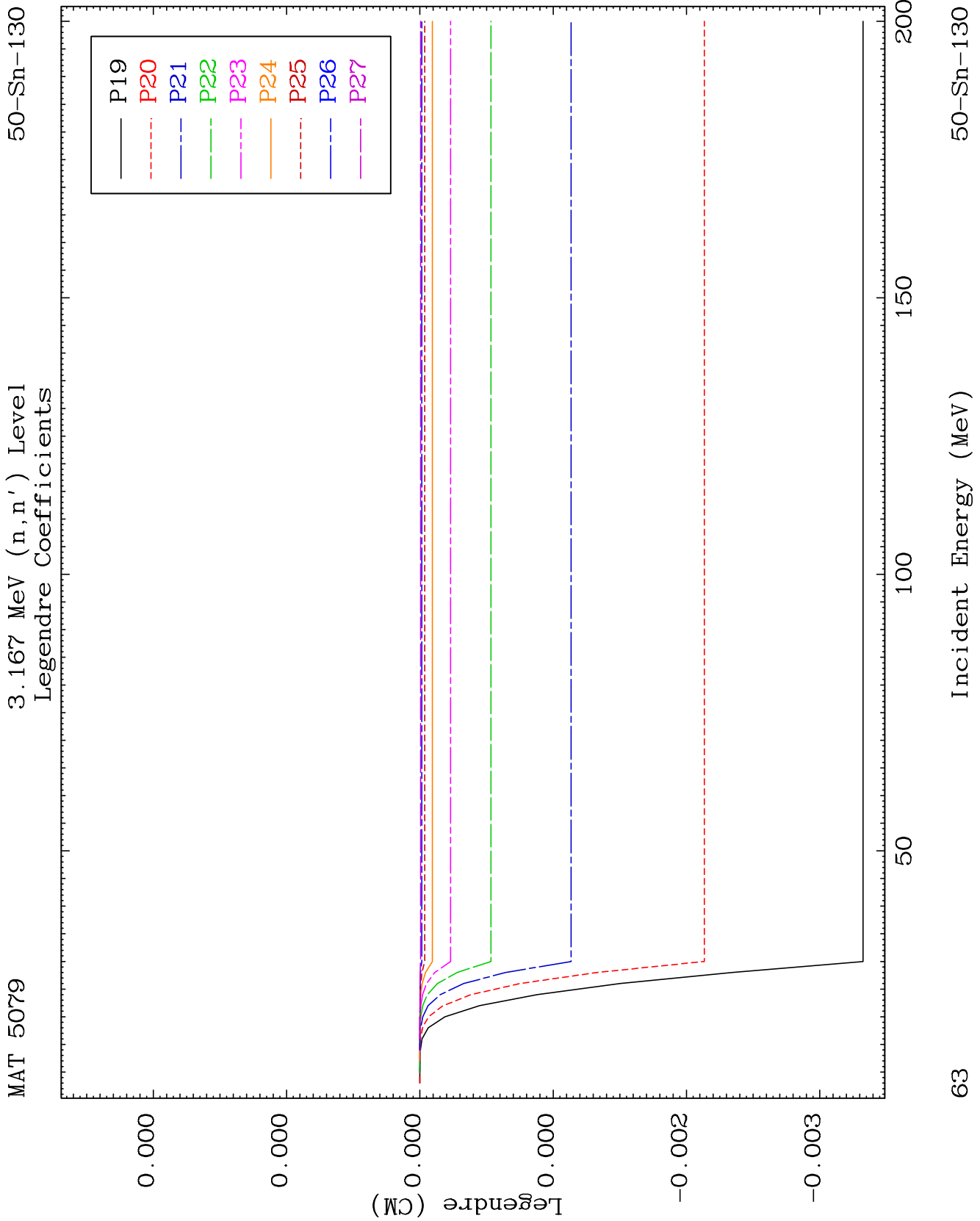


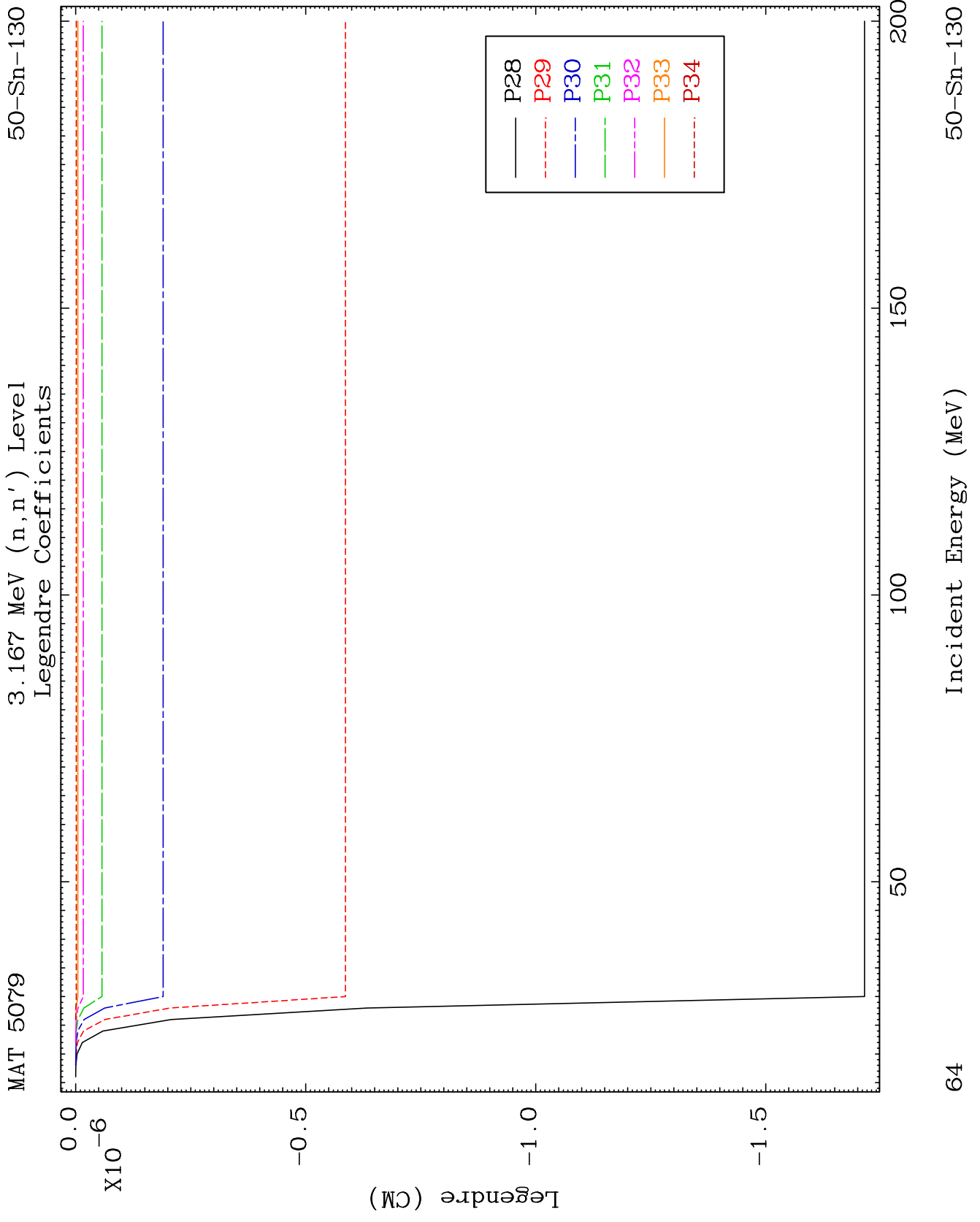


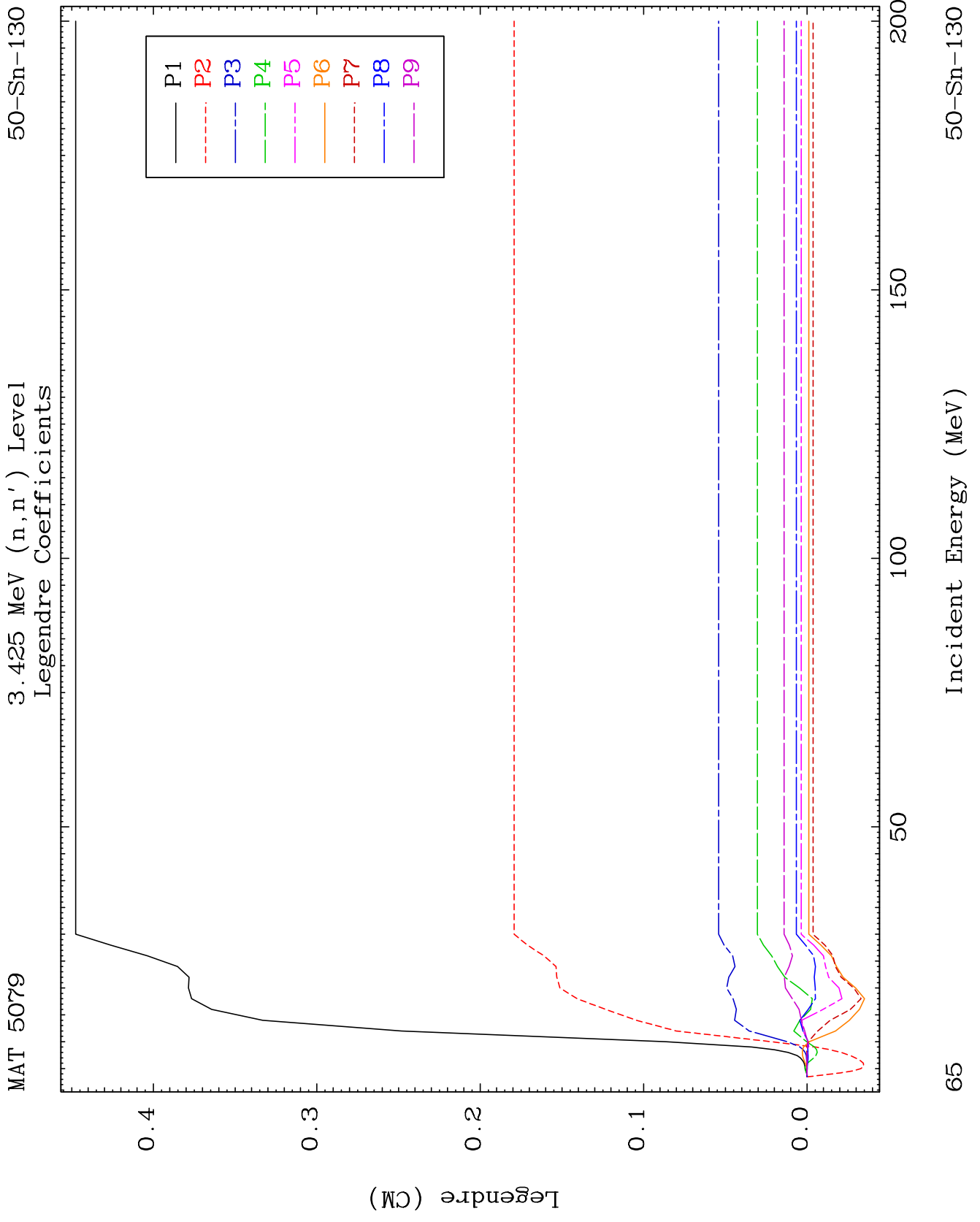


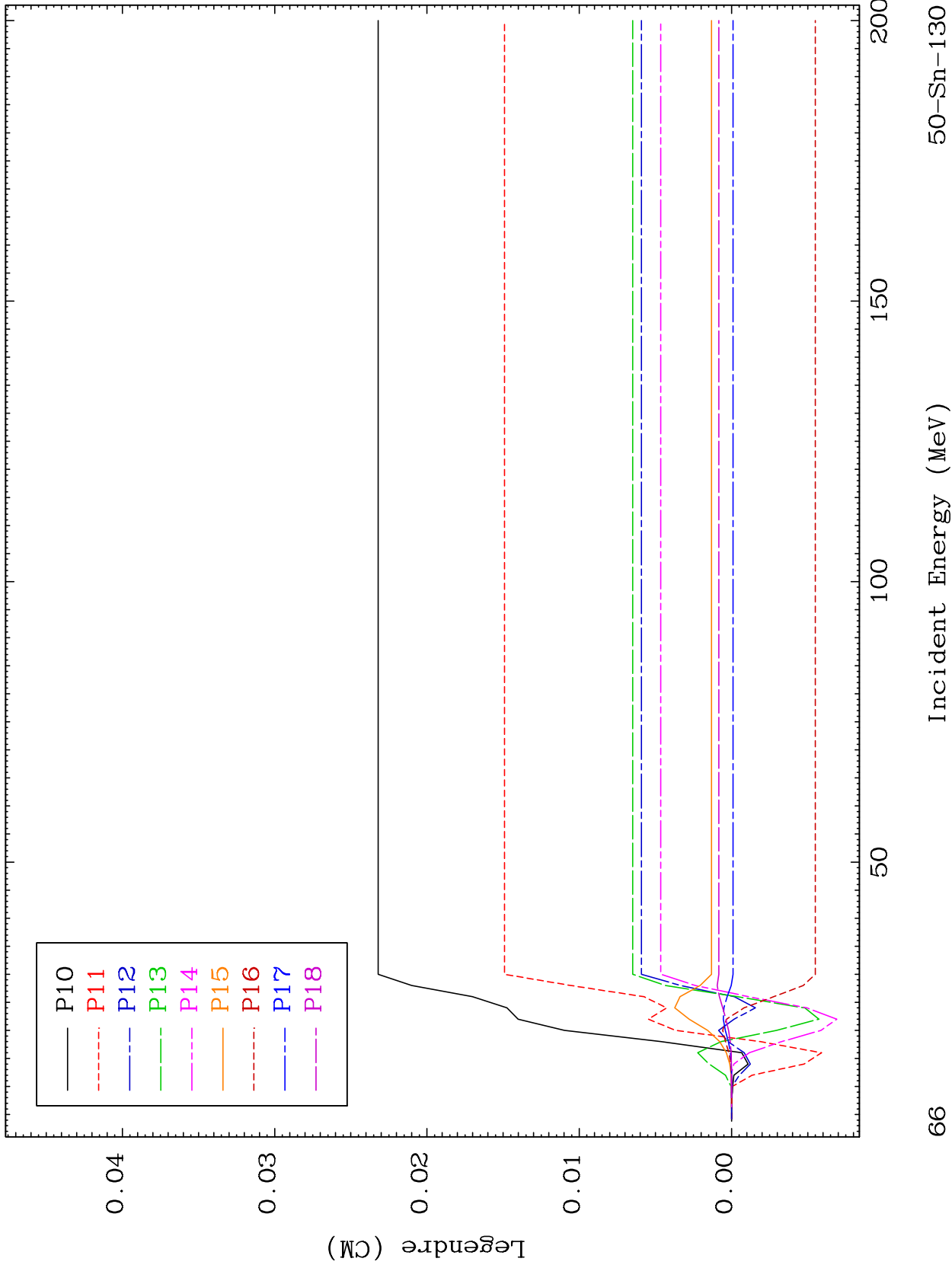








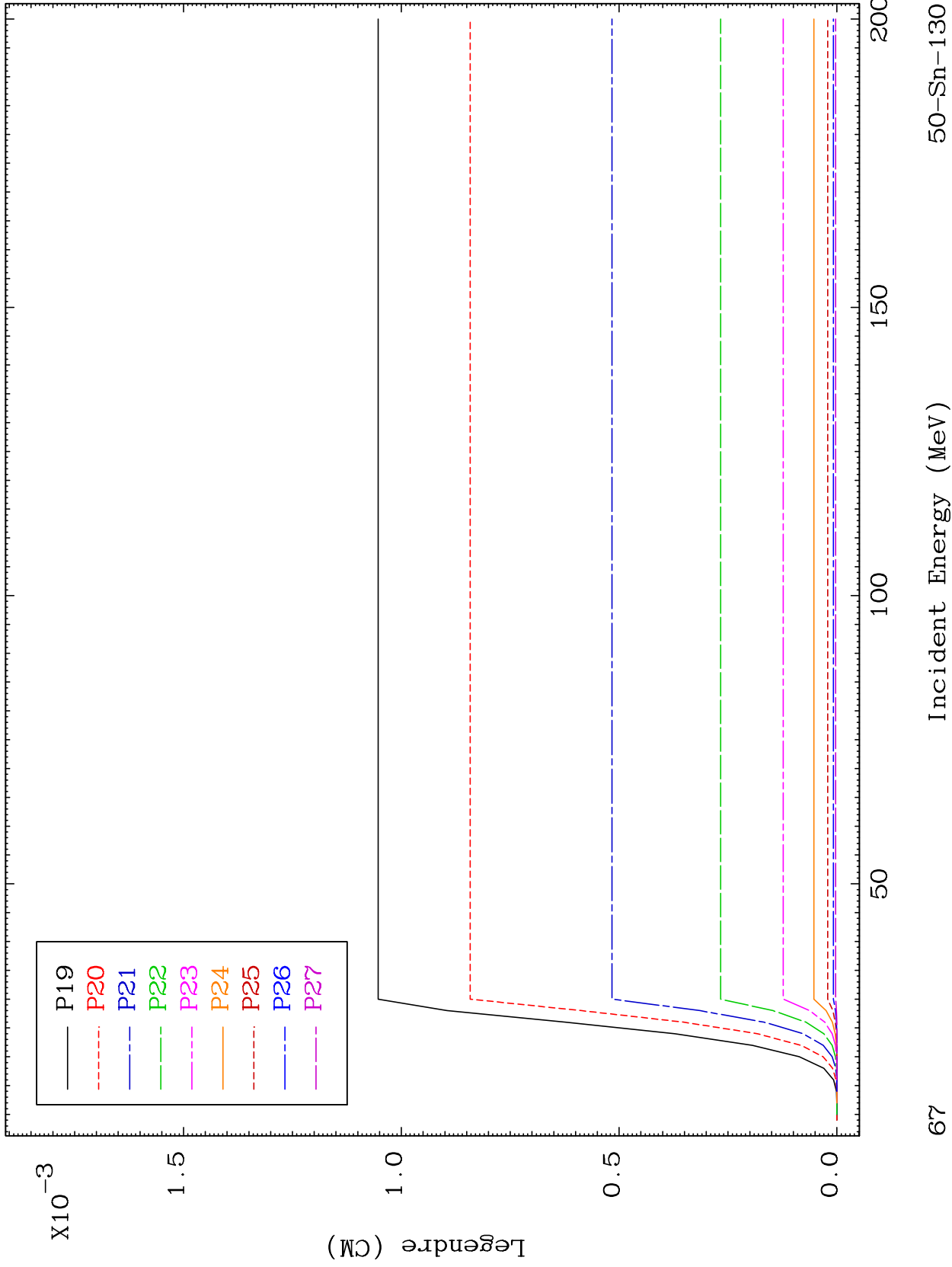


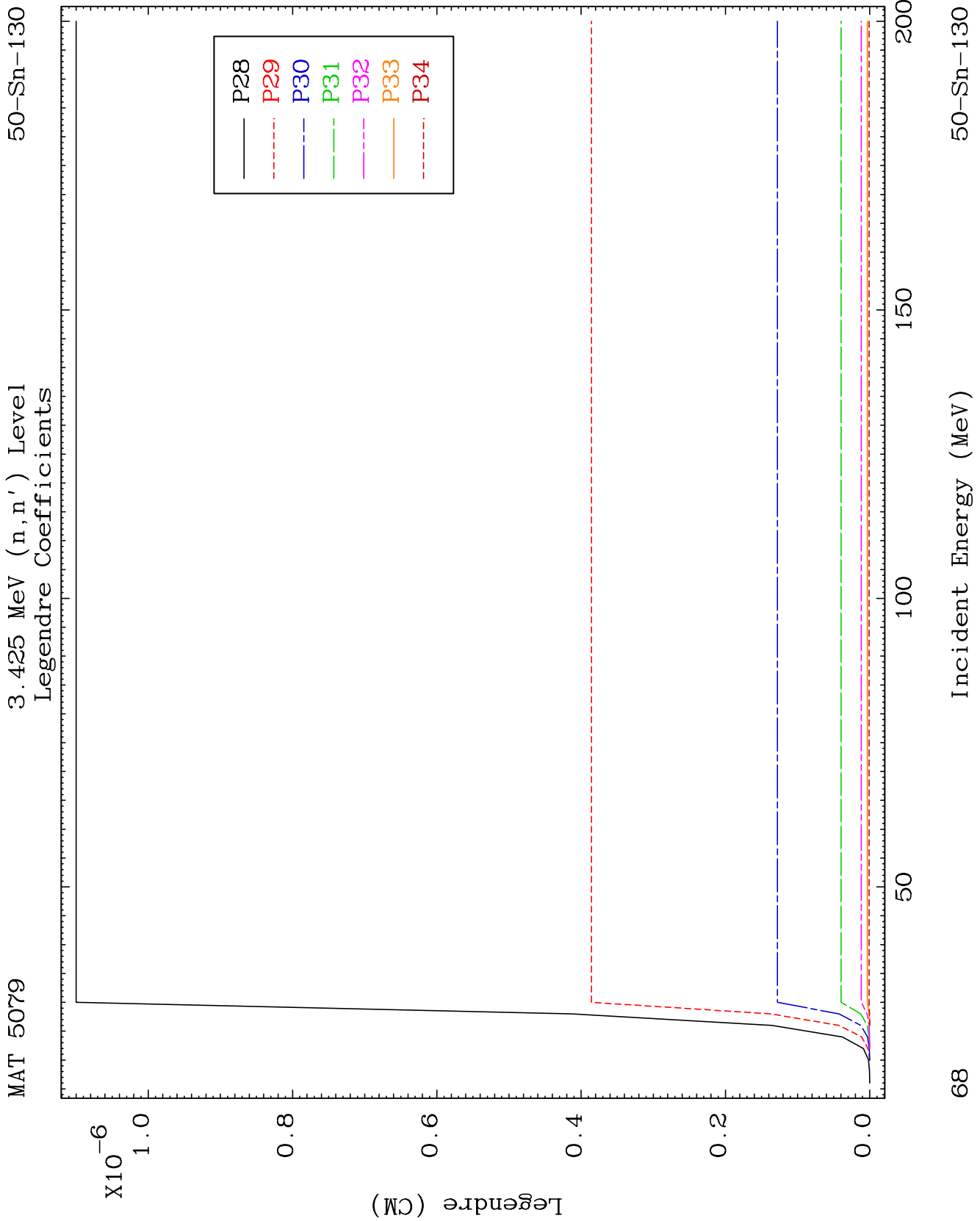


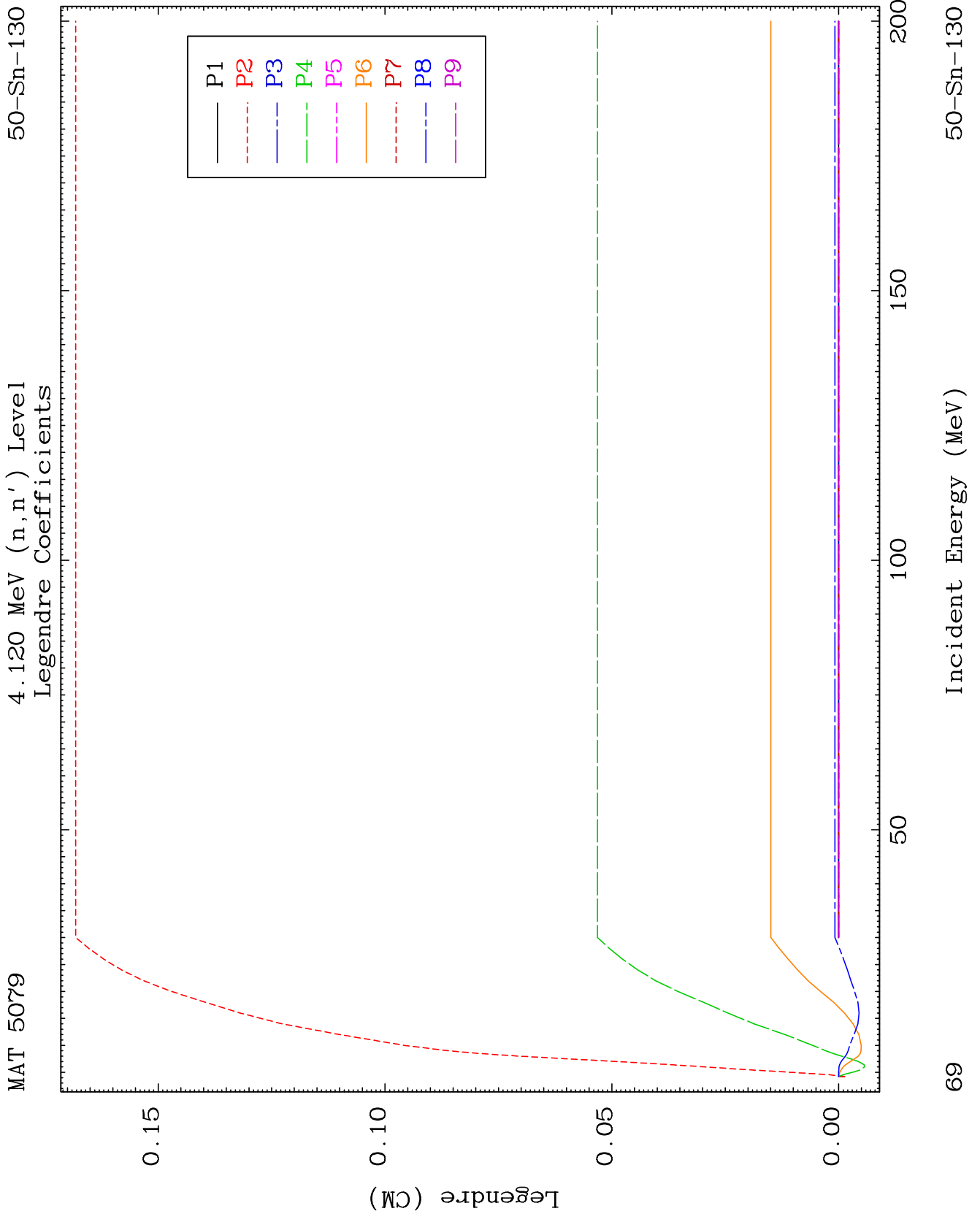
MAT 5079

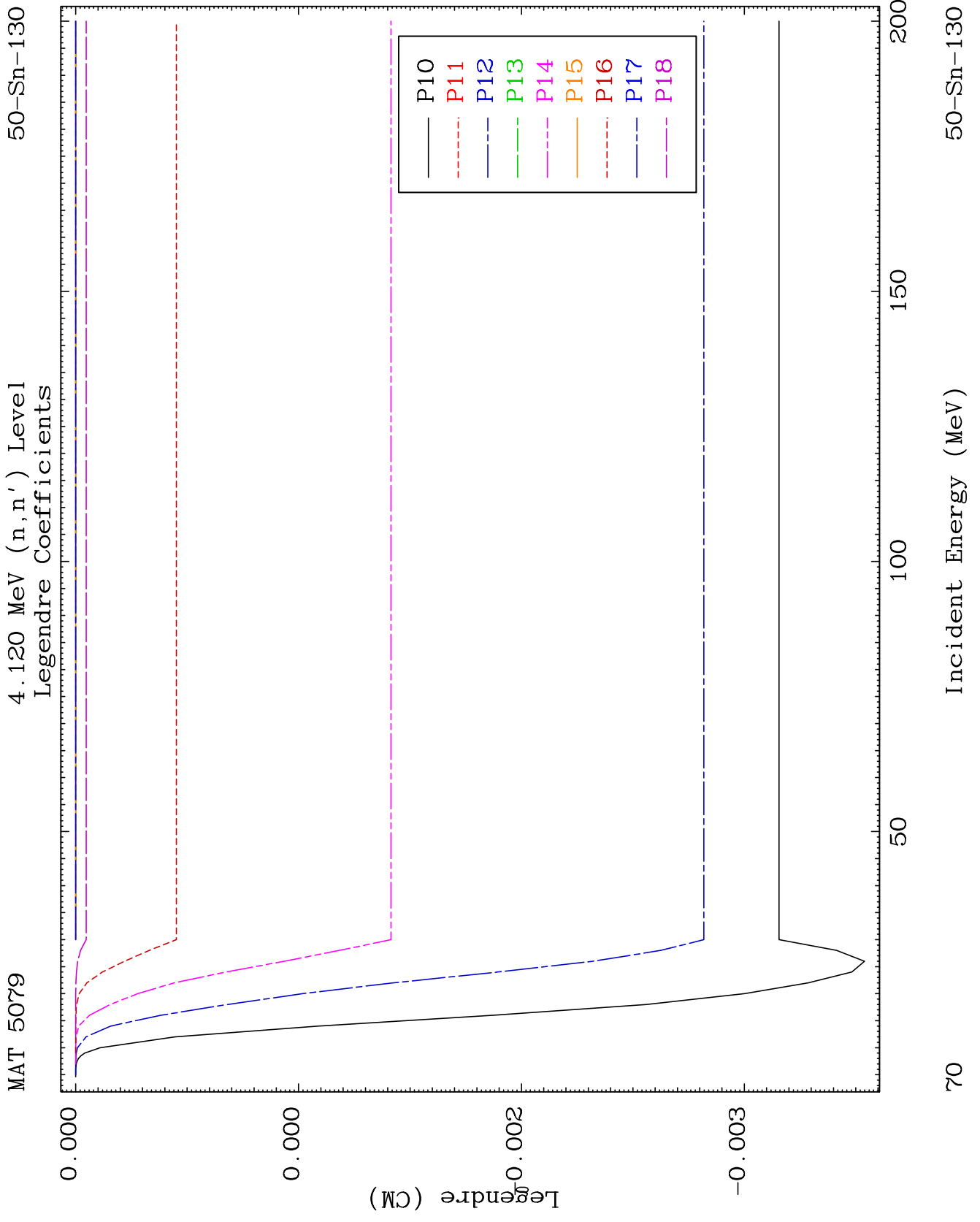
3.425 MeV (n,n') Level
Legendre Coefficients

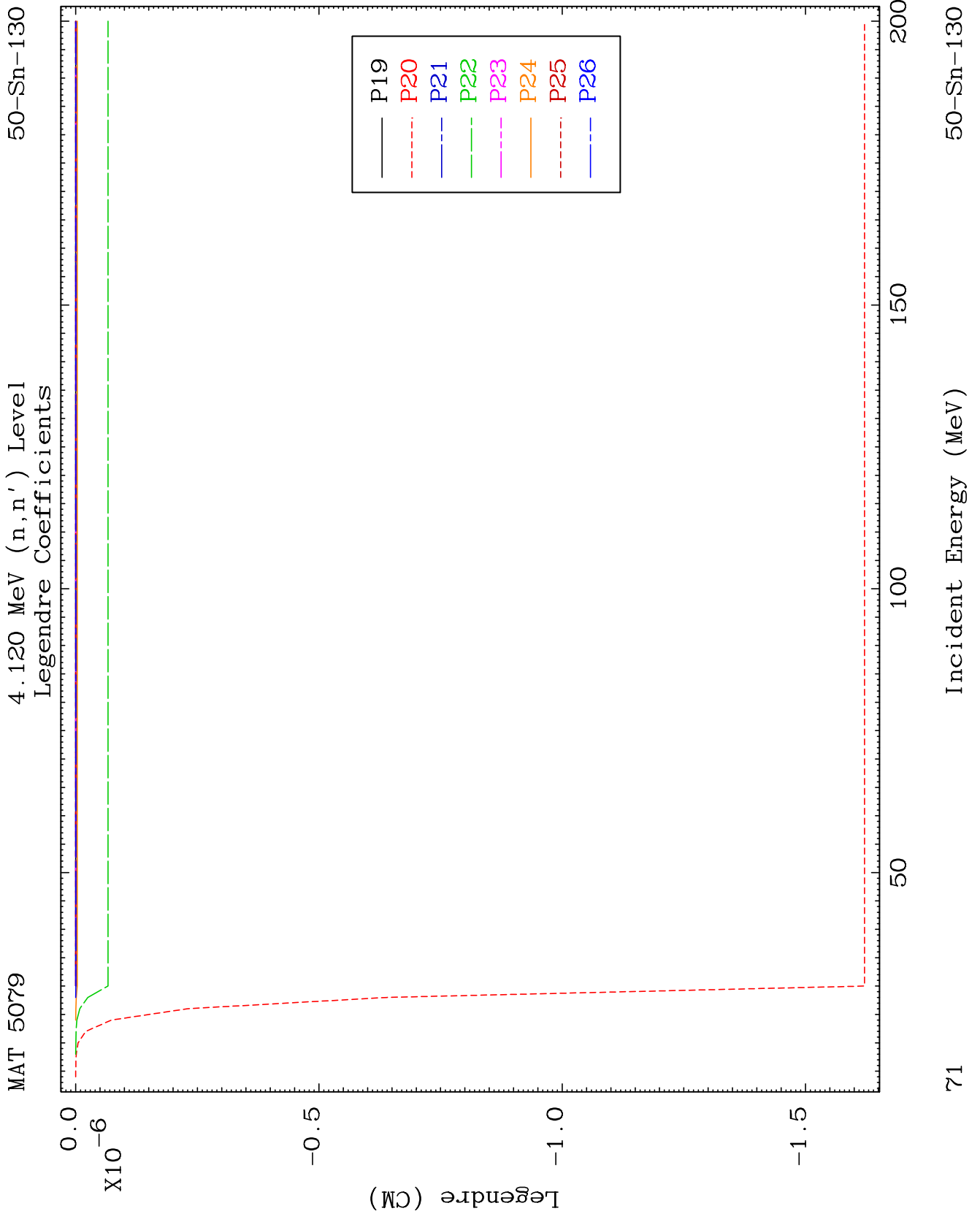
50-Sn-130

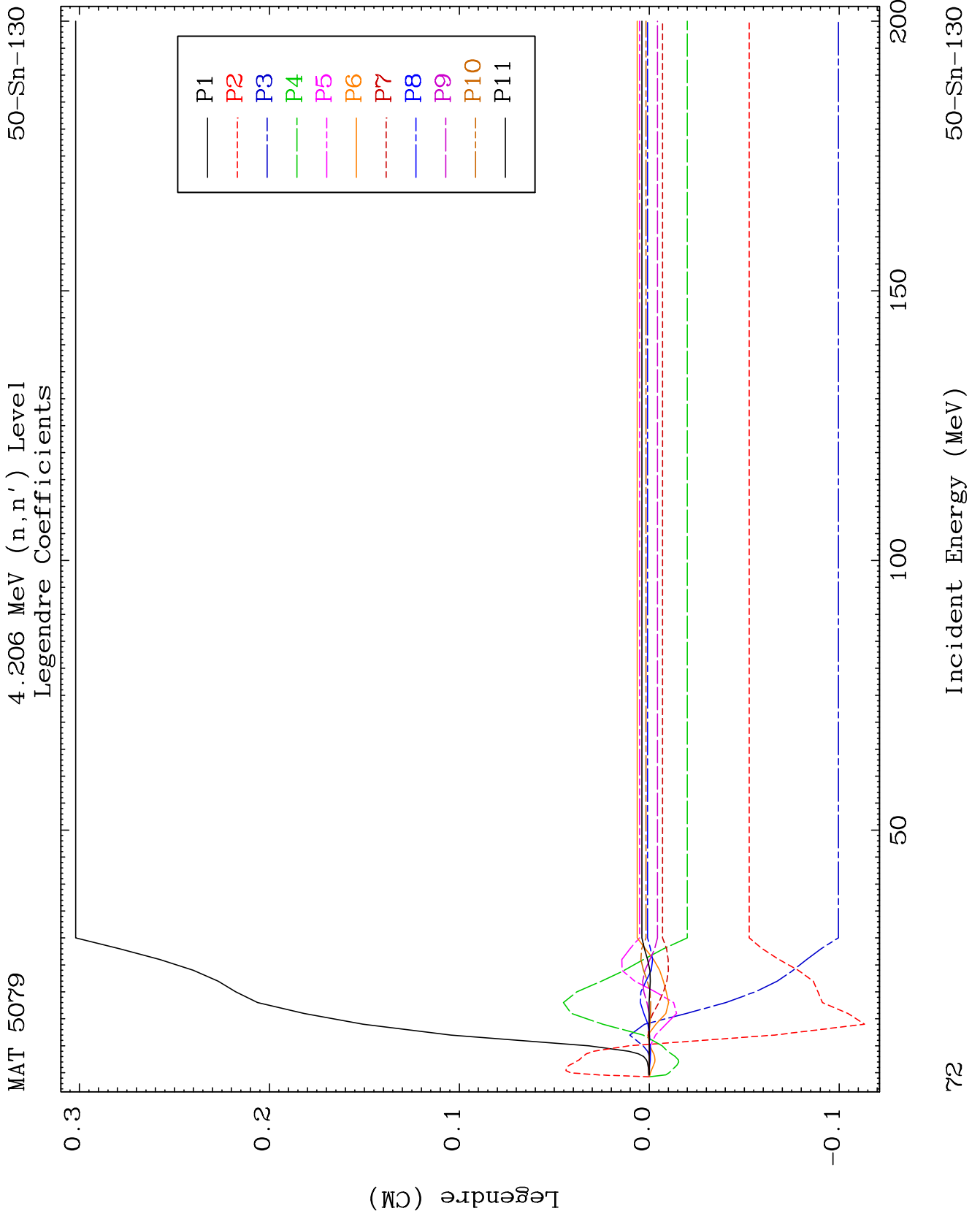


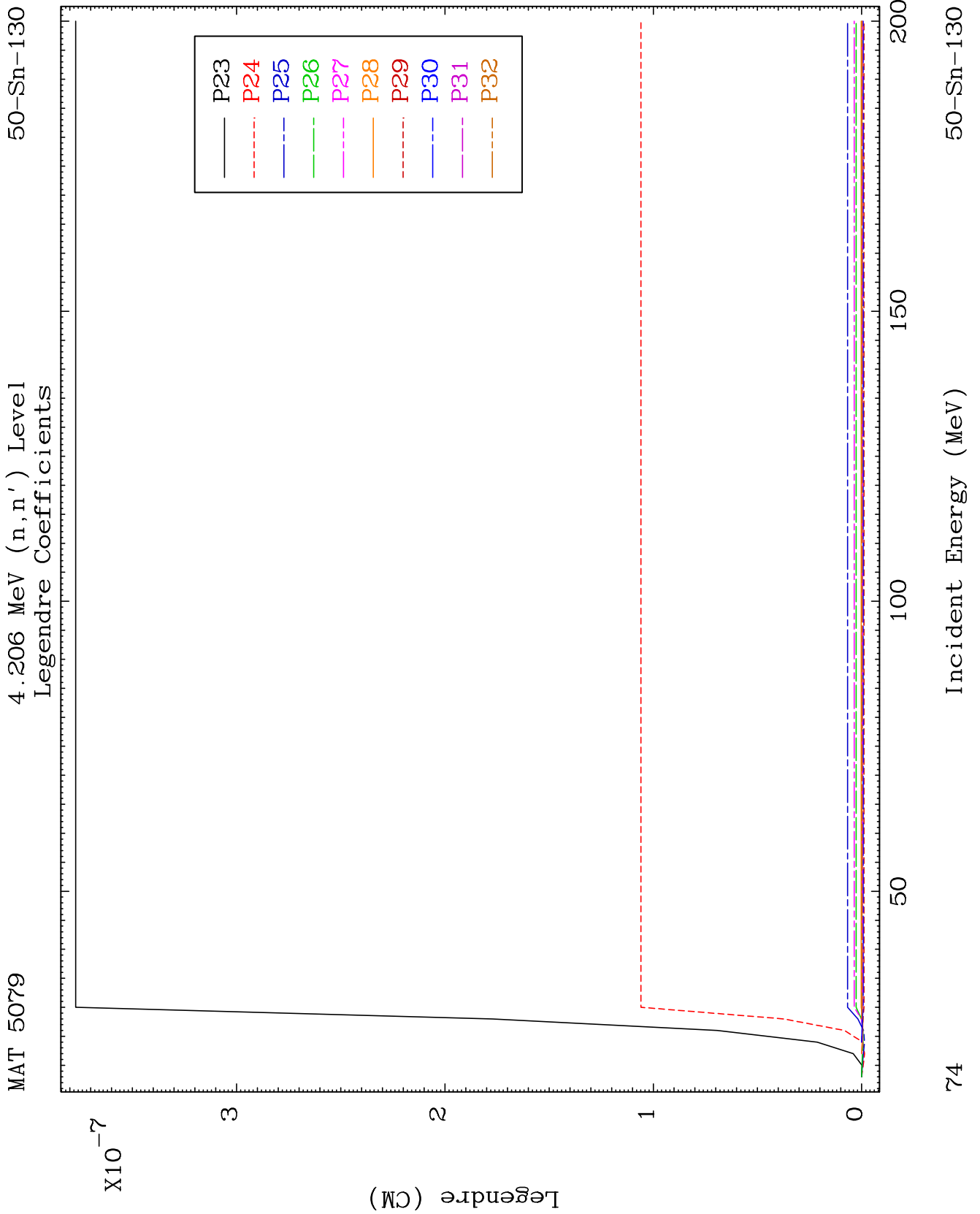


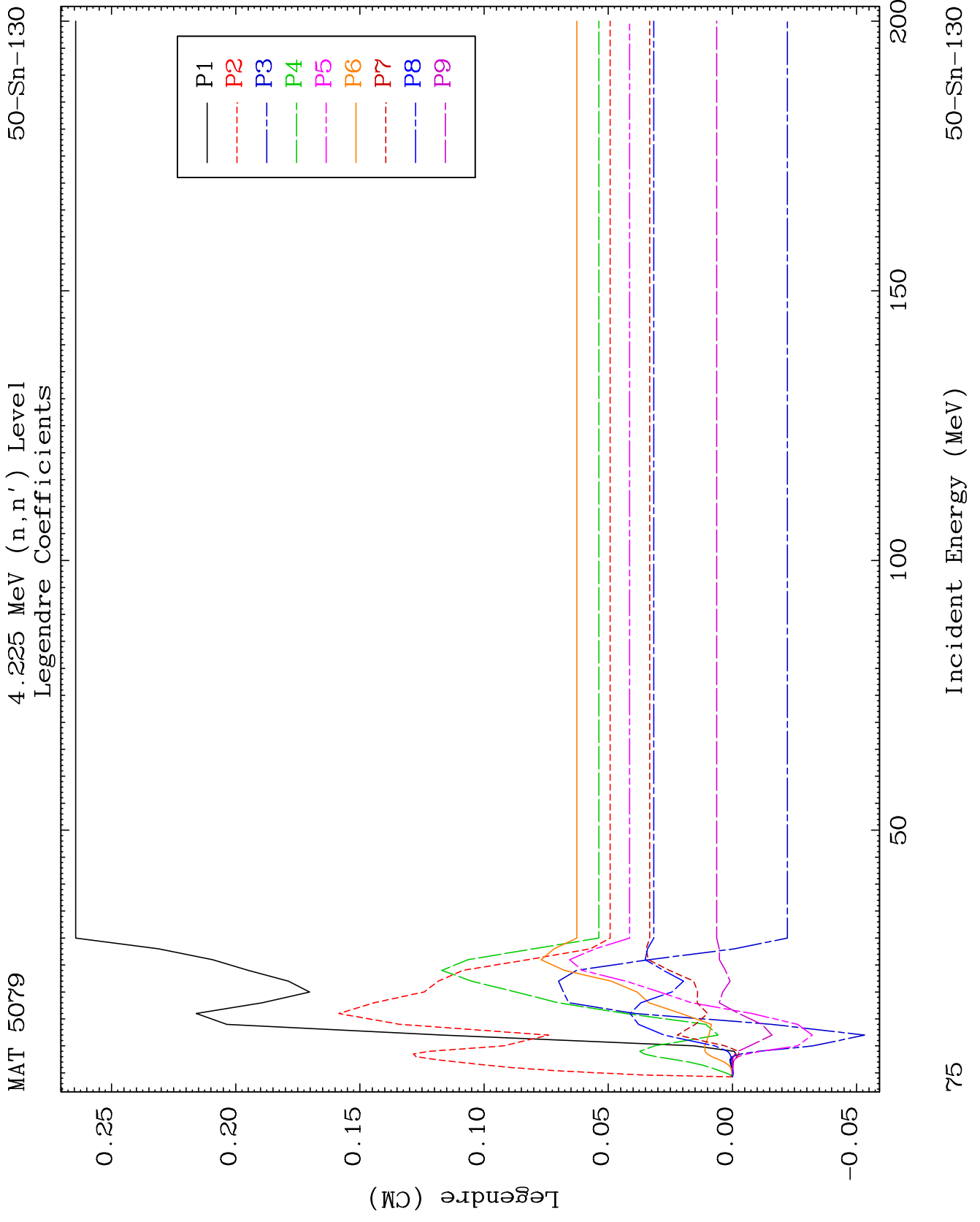








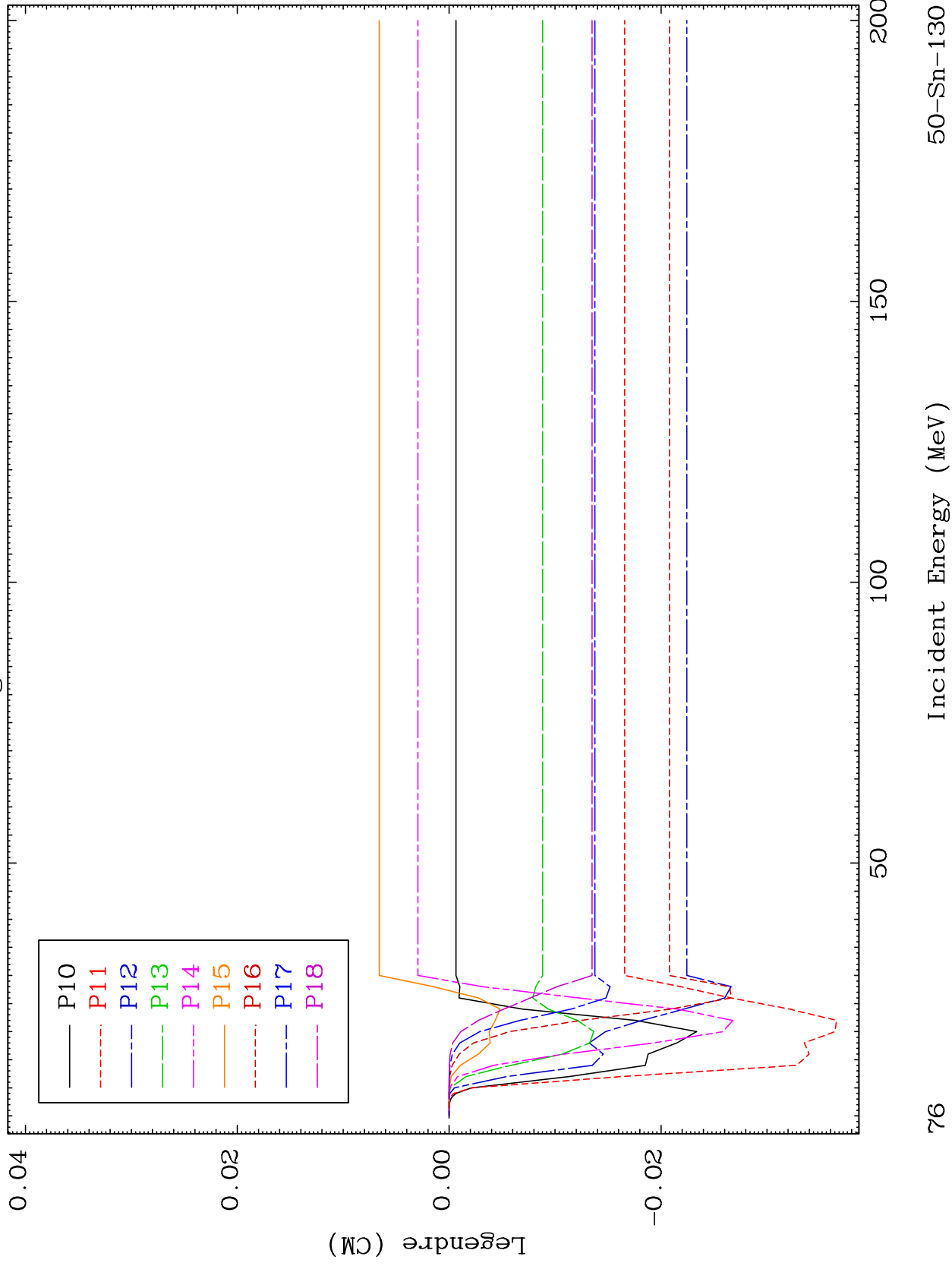




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4.225 MeV (n,n') Level
Legendre Coefficients

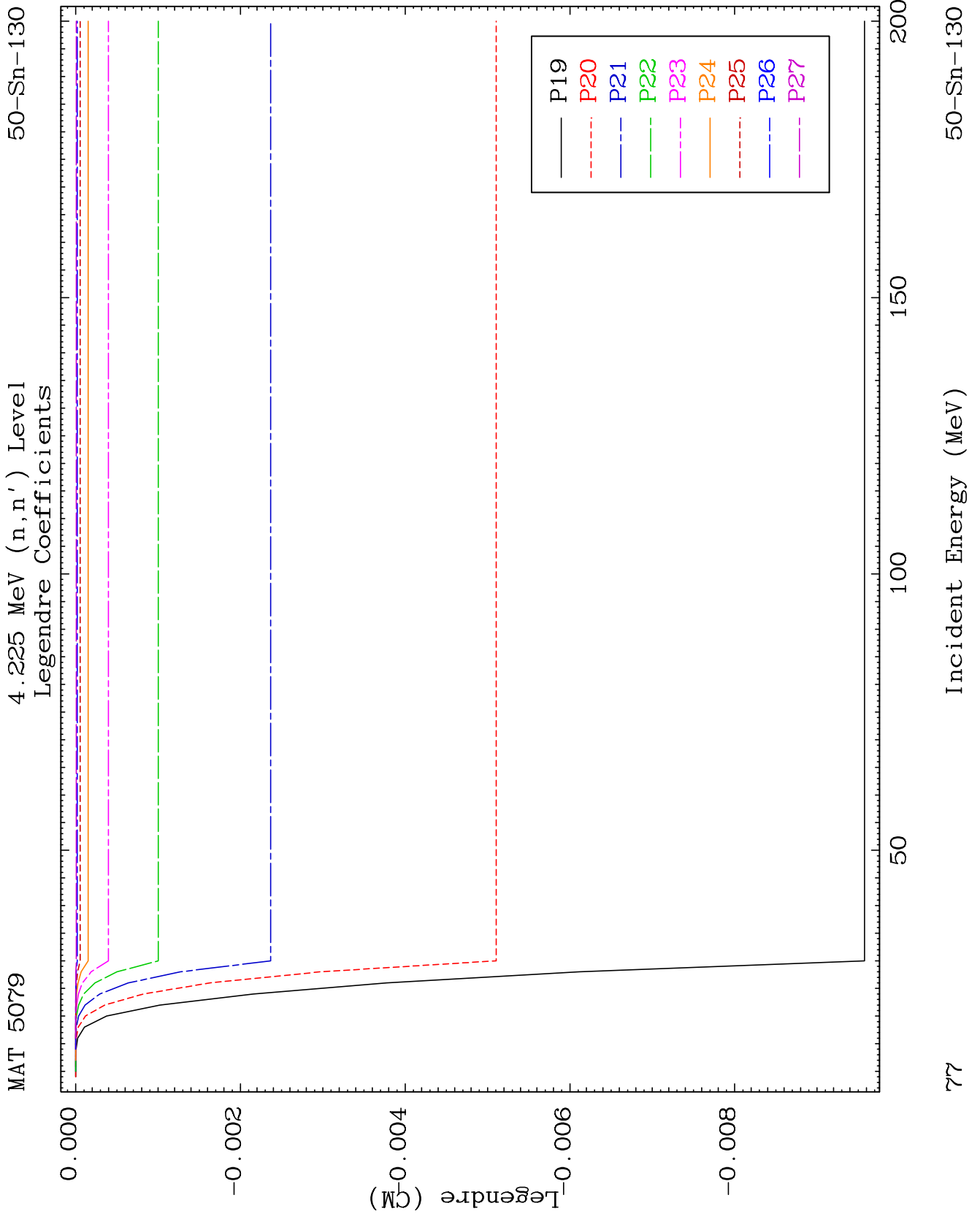
50-Sn-130

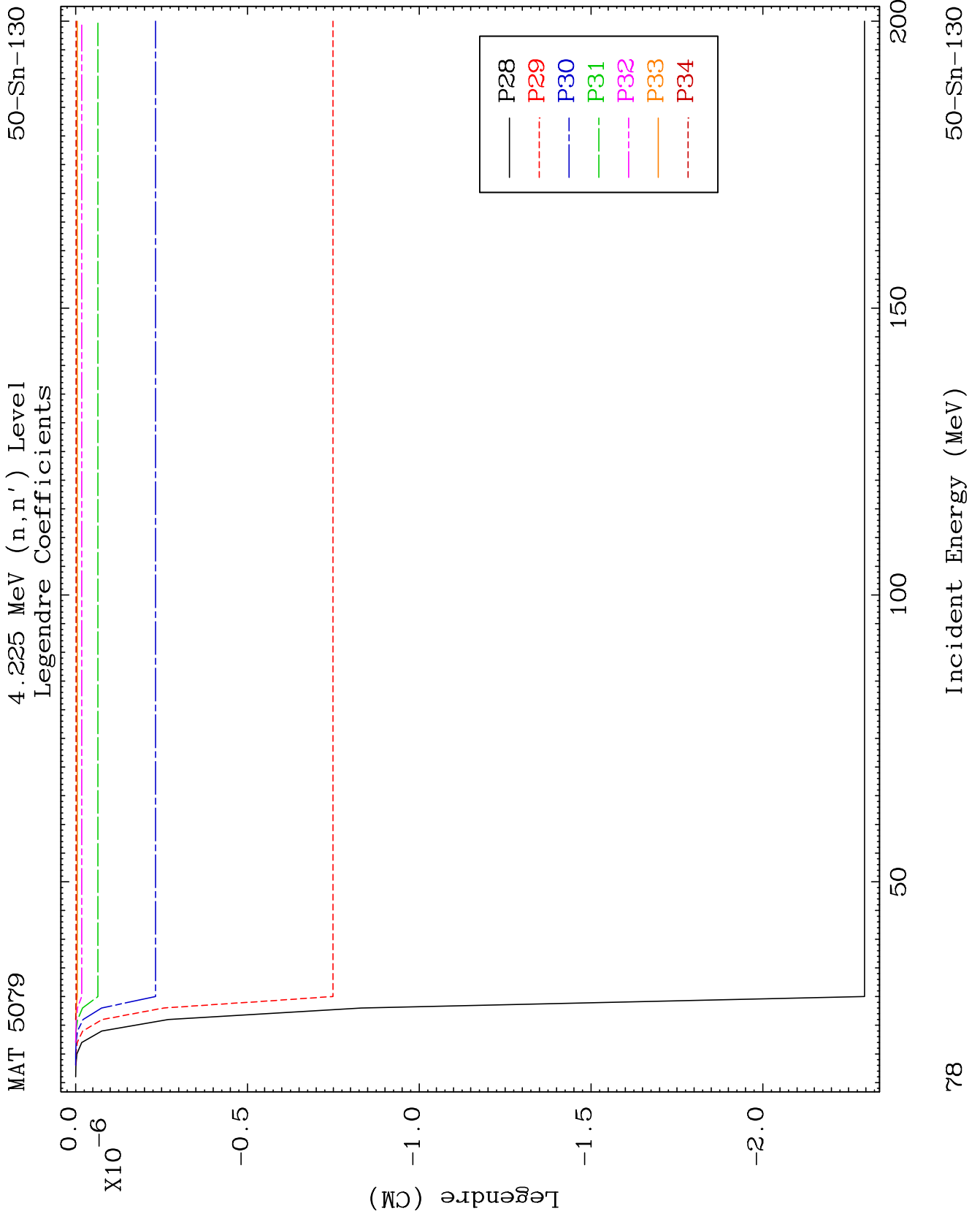


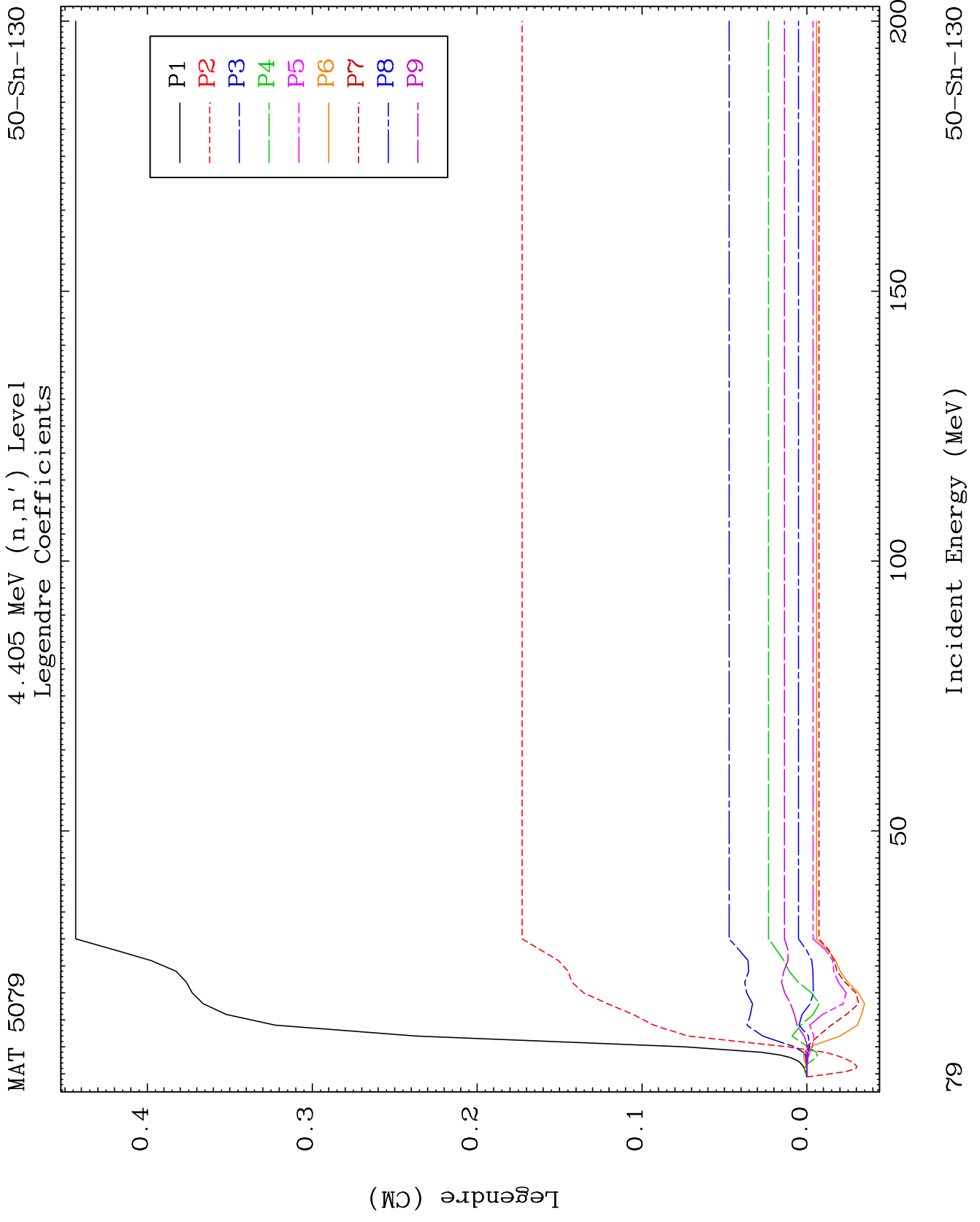
76

Incident Energy (MeV)

50-Sn-130



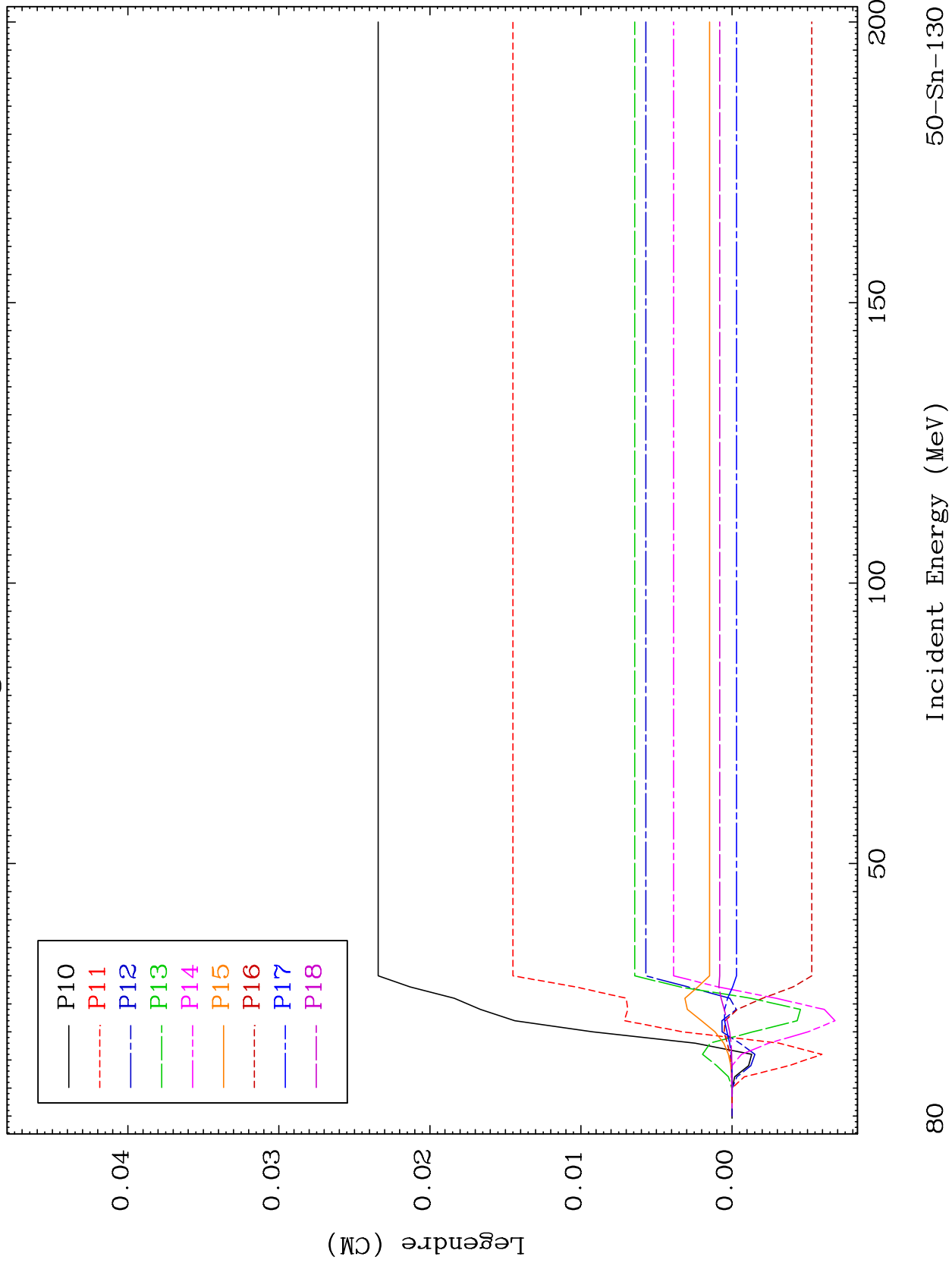




MAT 5079

4.405 MeV (n,n') Level
Legendre Coefficients

50-Sn-130



80

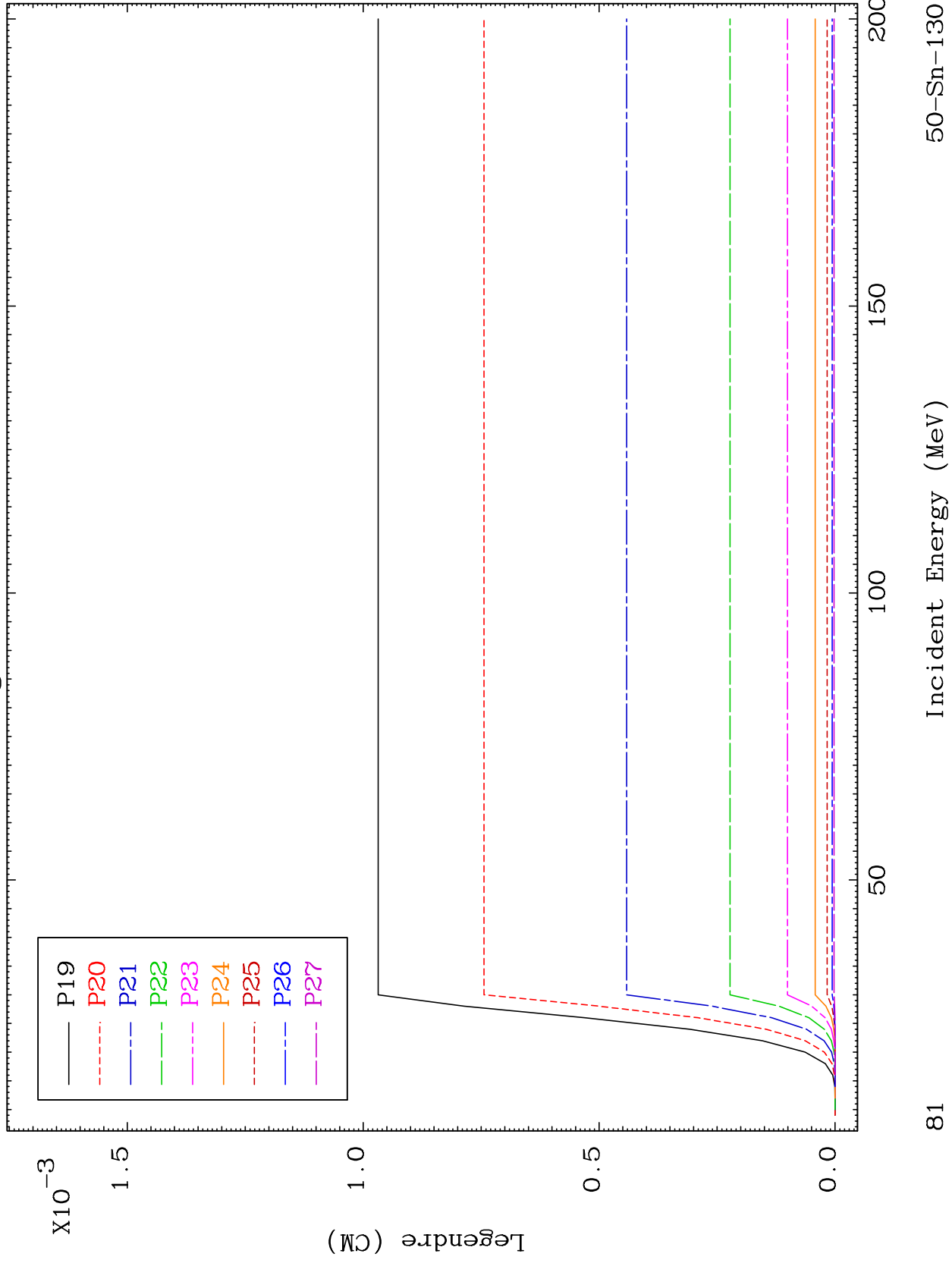
Incident Energy (MeV)

50-Sn-130

MAT 5079

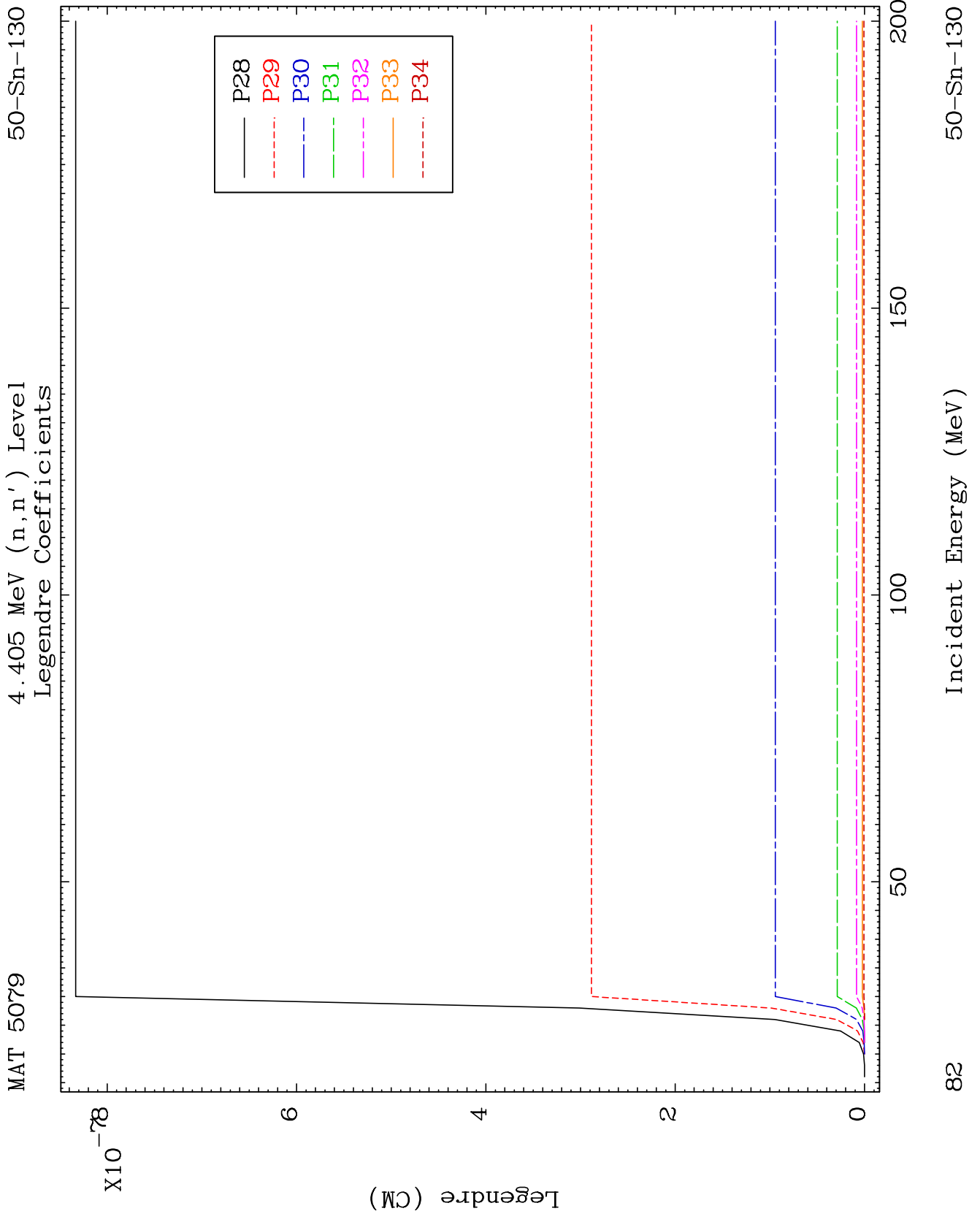
4.405 MeV (n,n') Level
Legendre Coefficients

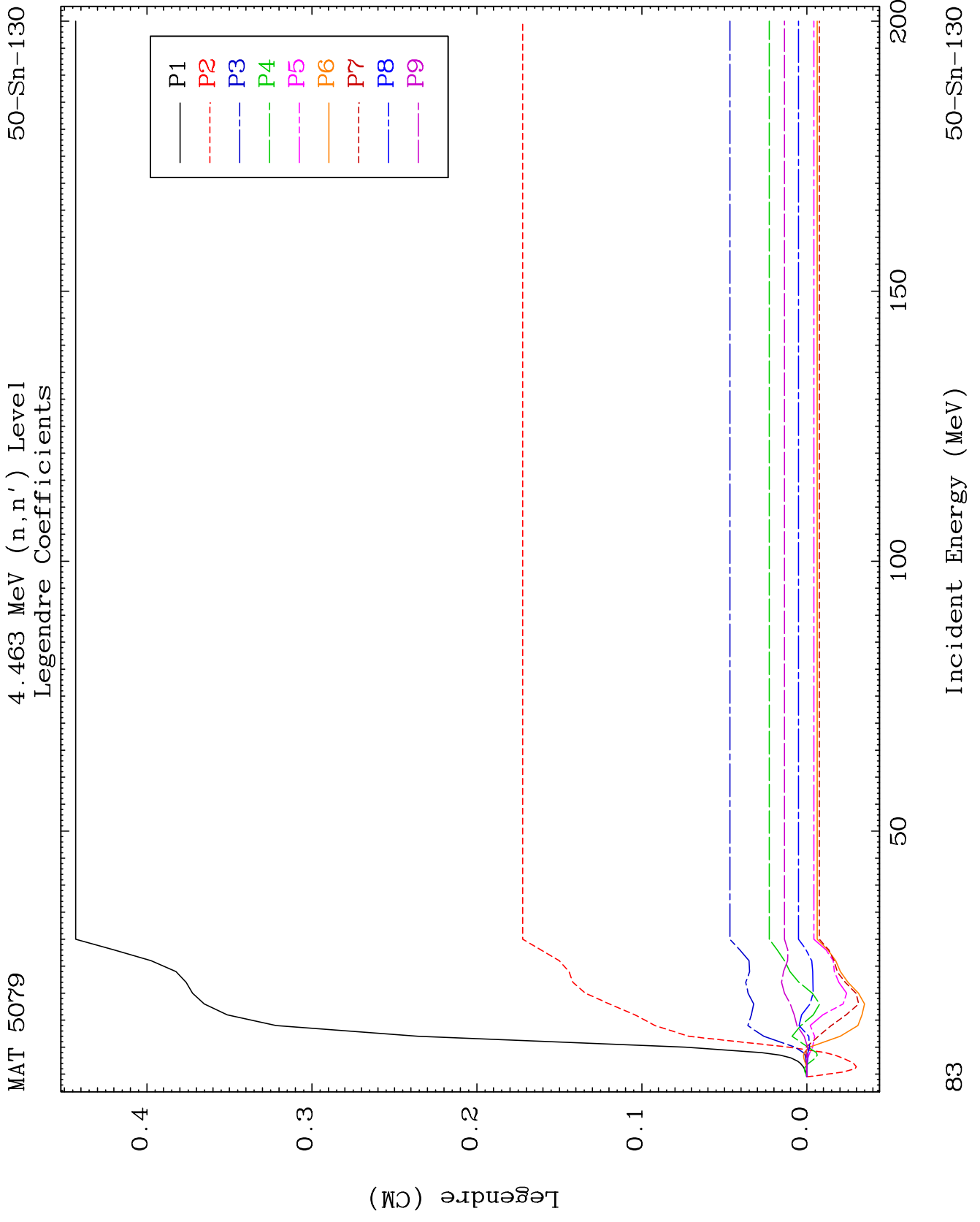
50-Sn-130

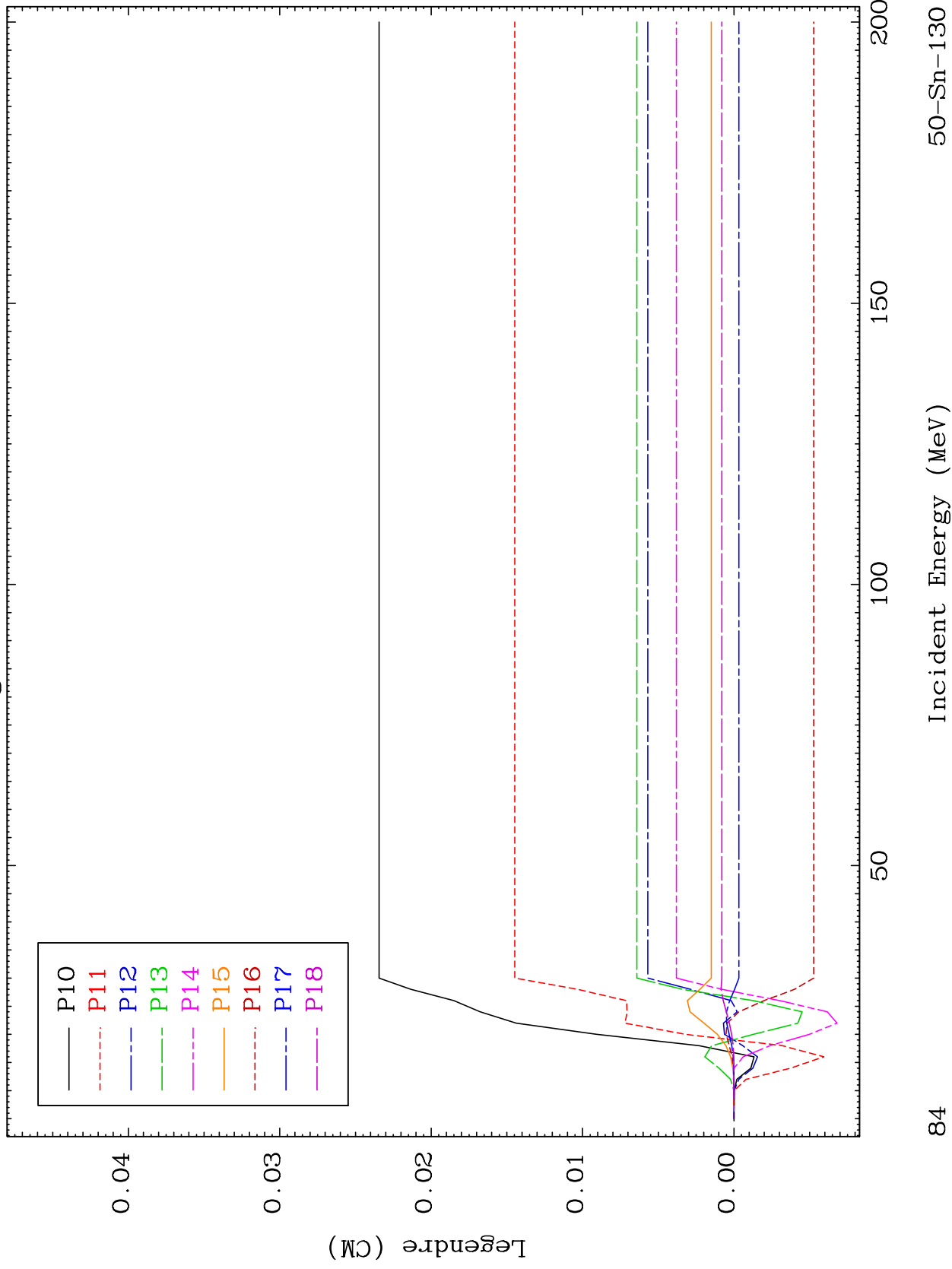


81

50-Sn-130



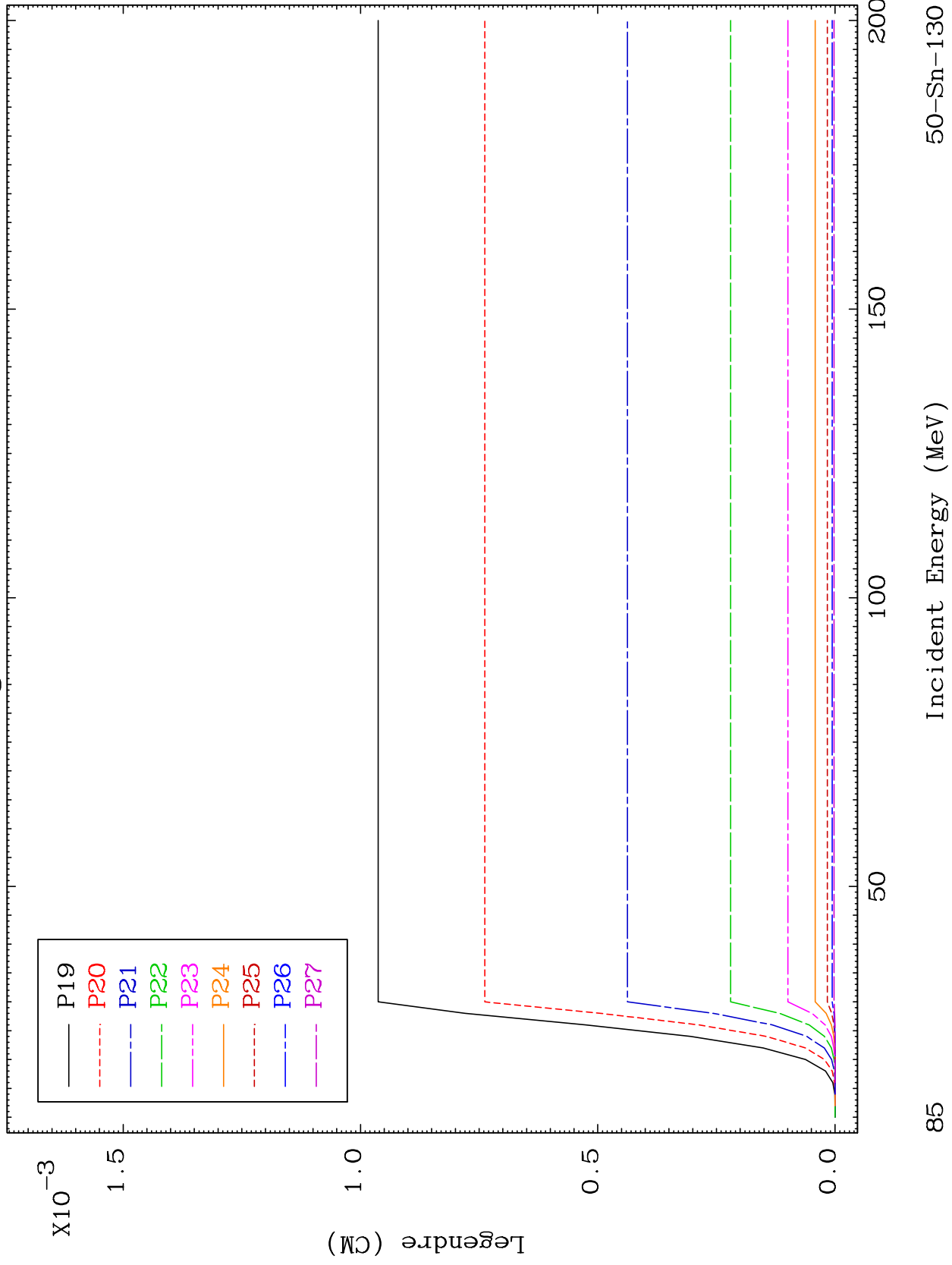


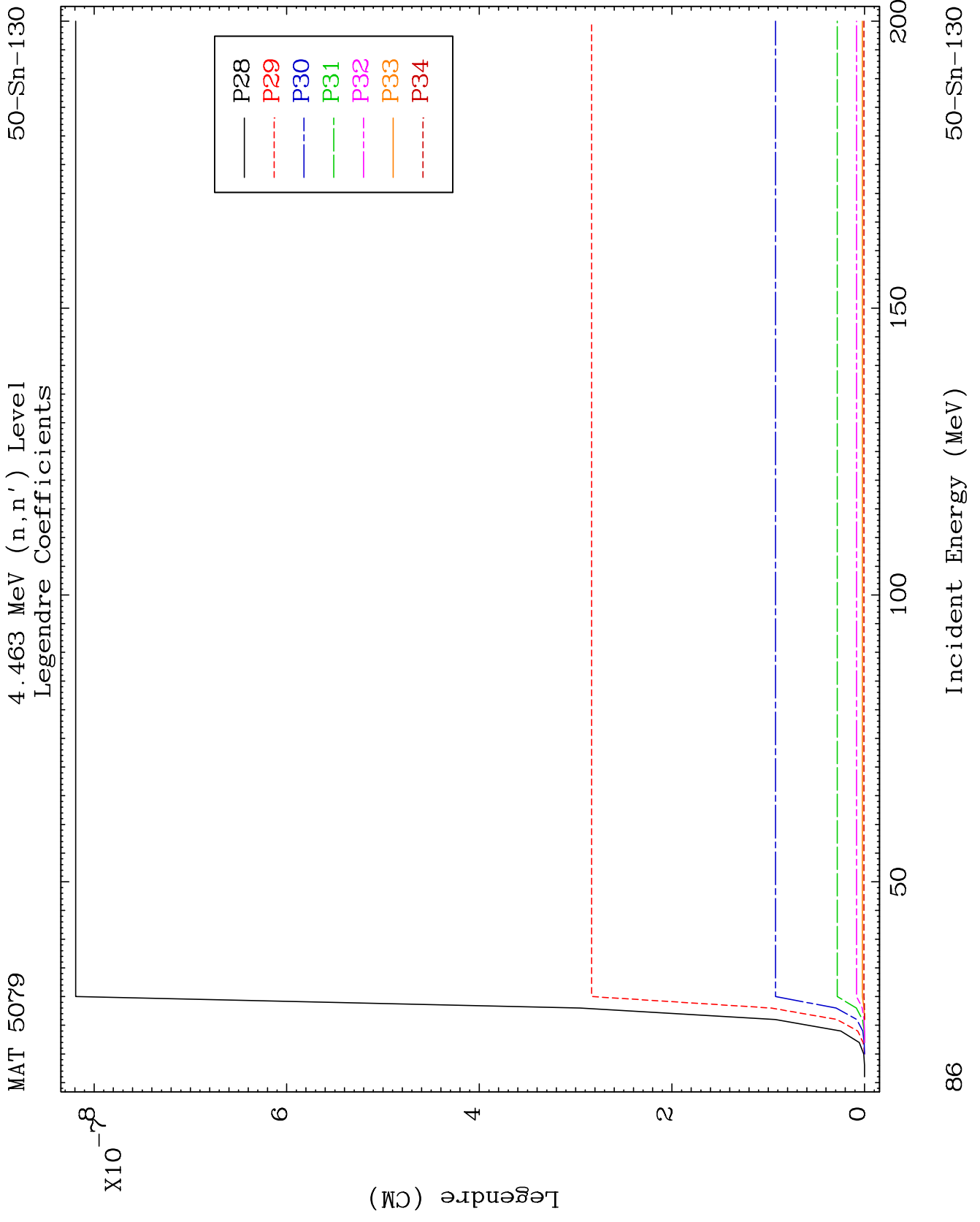


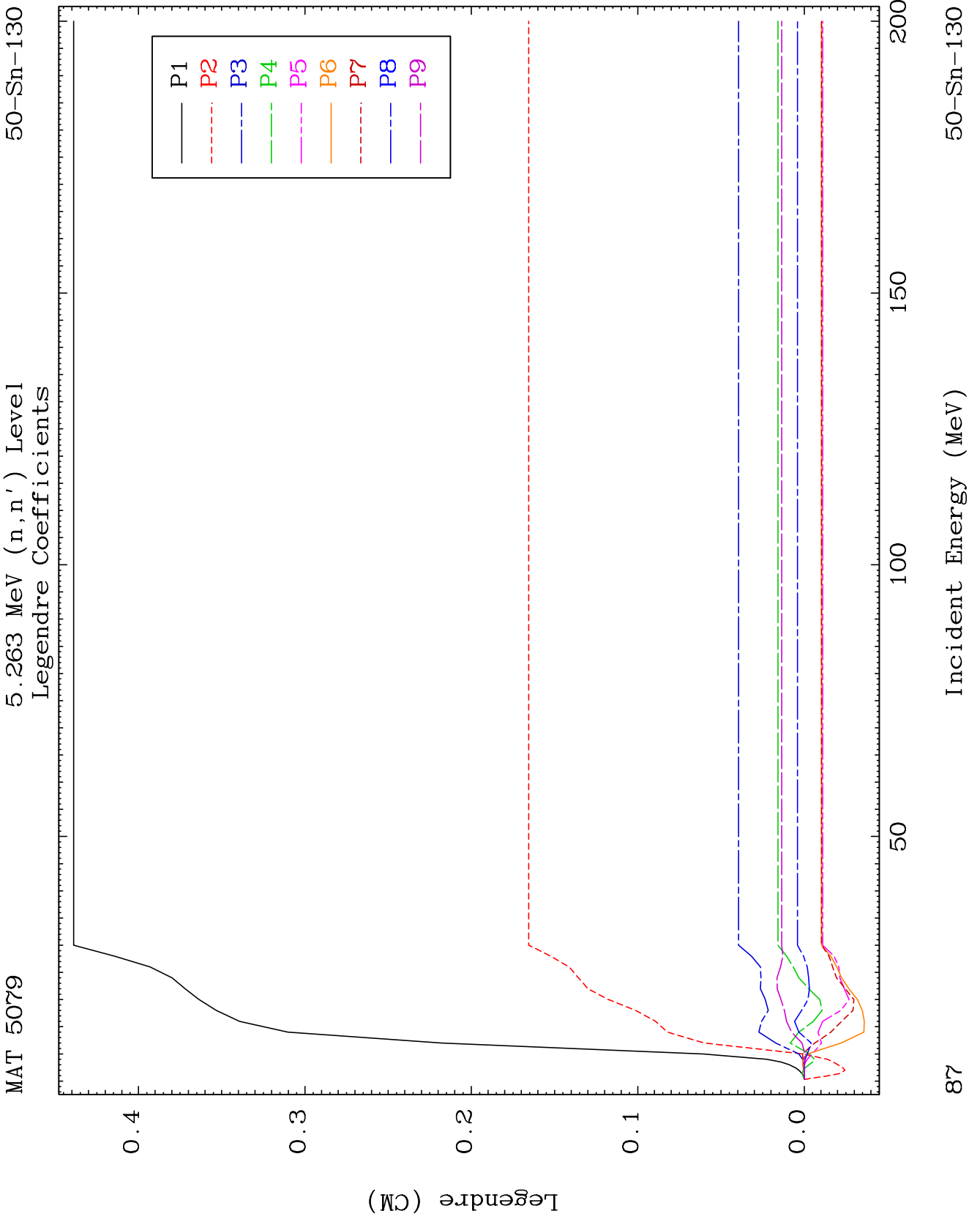
MAT 5079

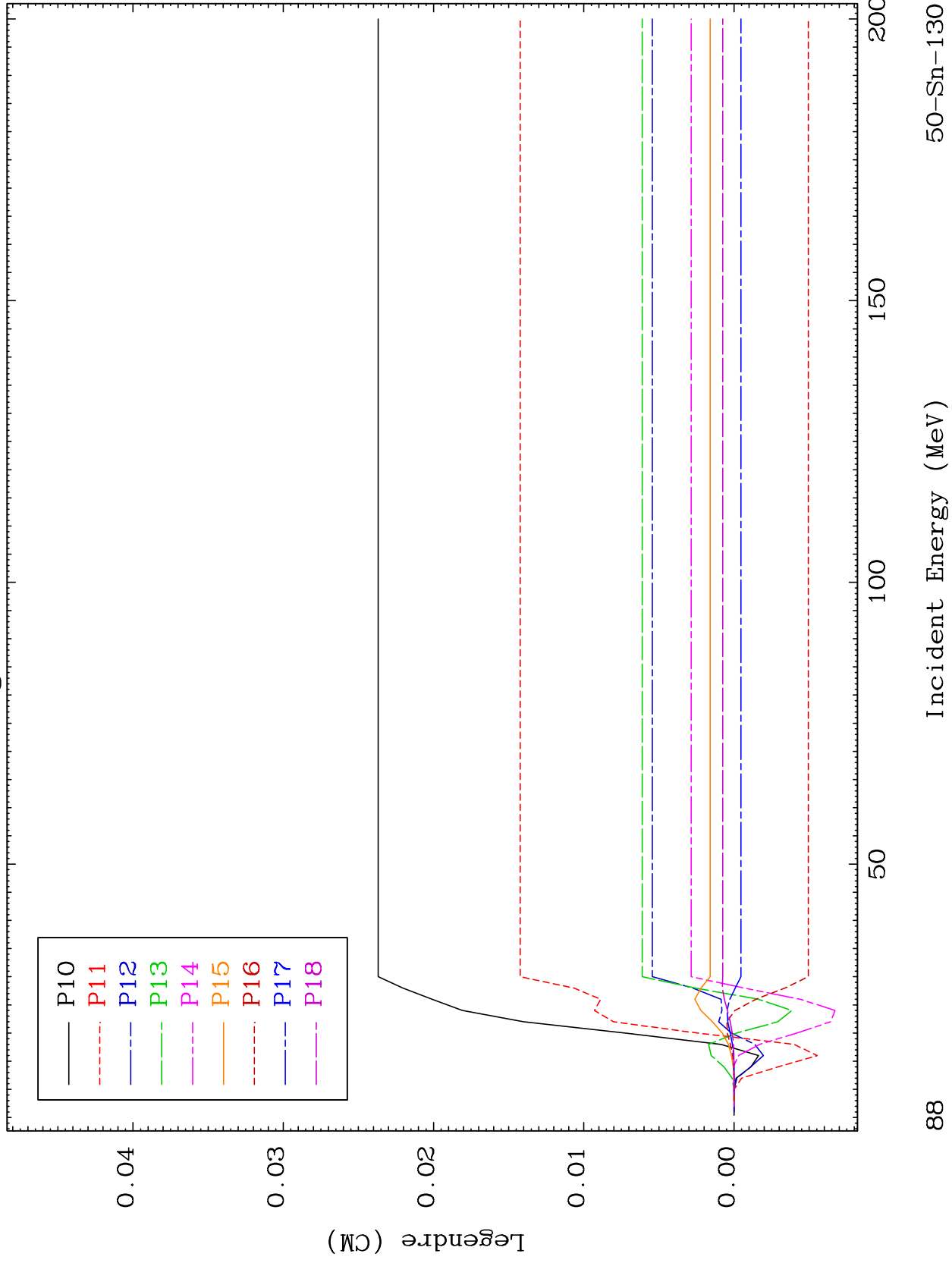
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Legendre Coefficients

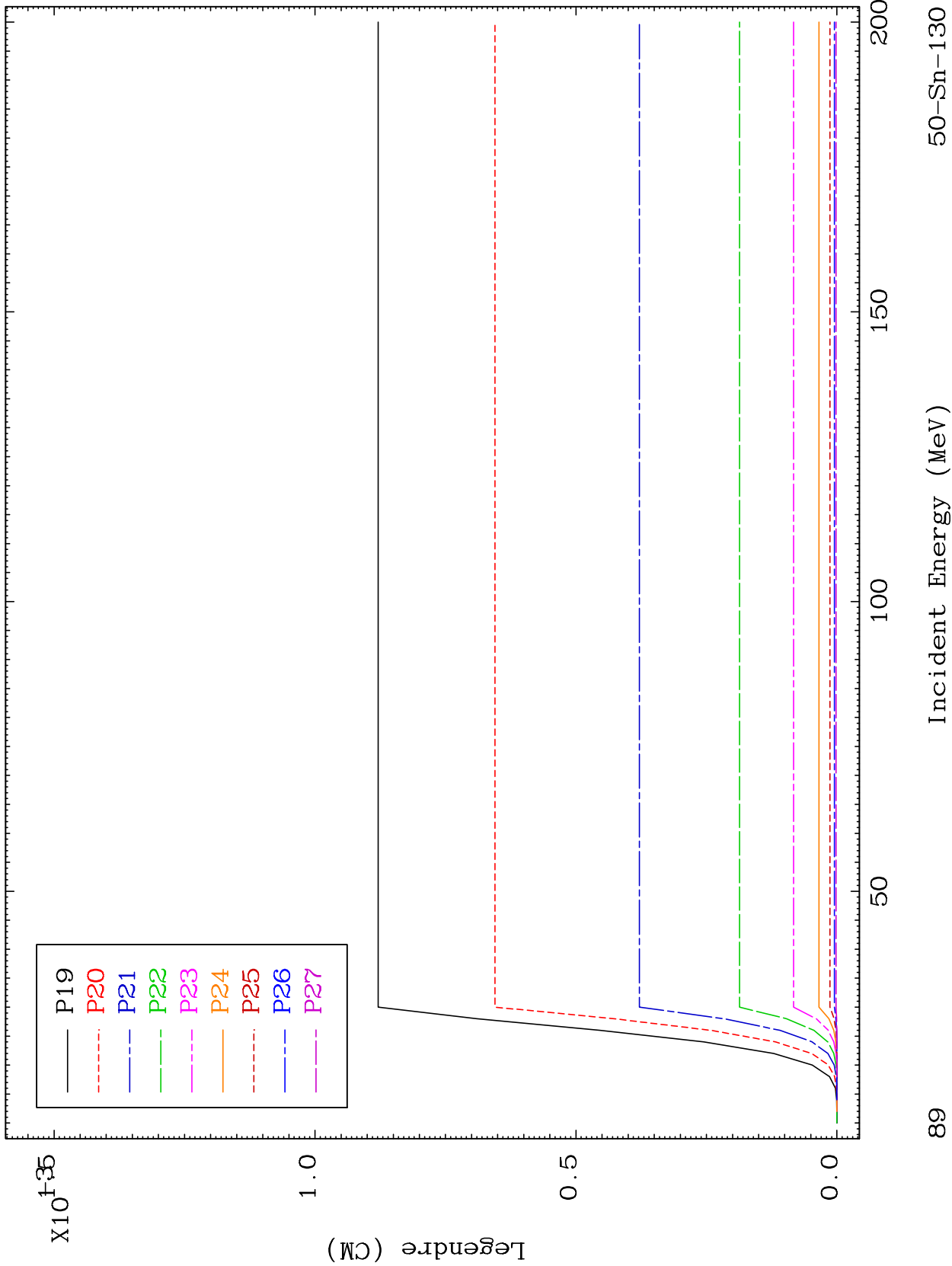
50-Sn-130

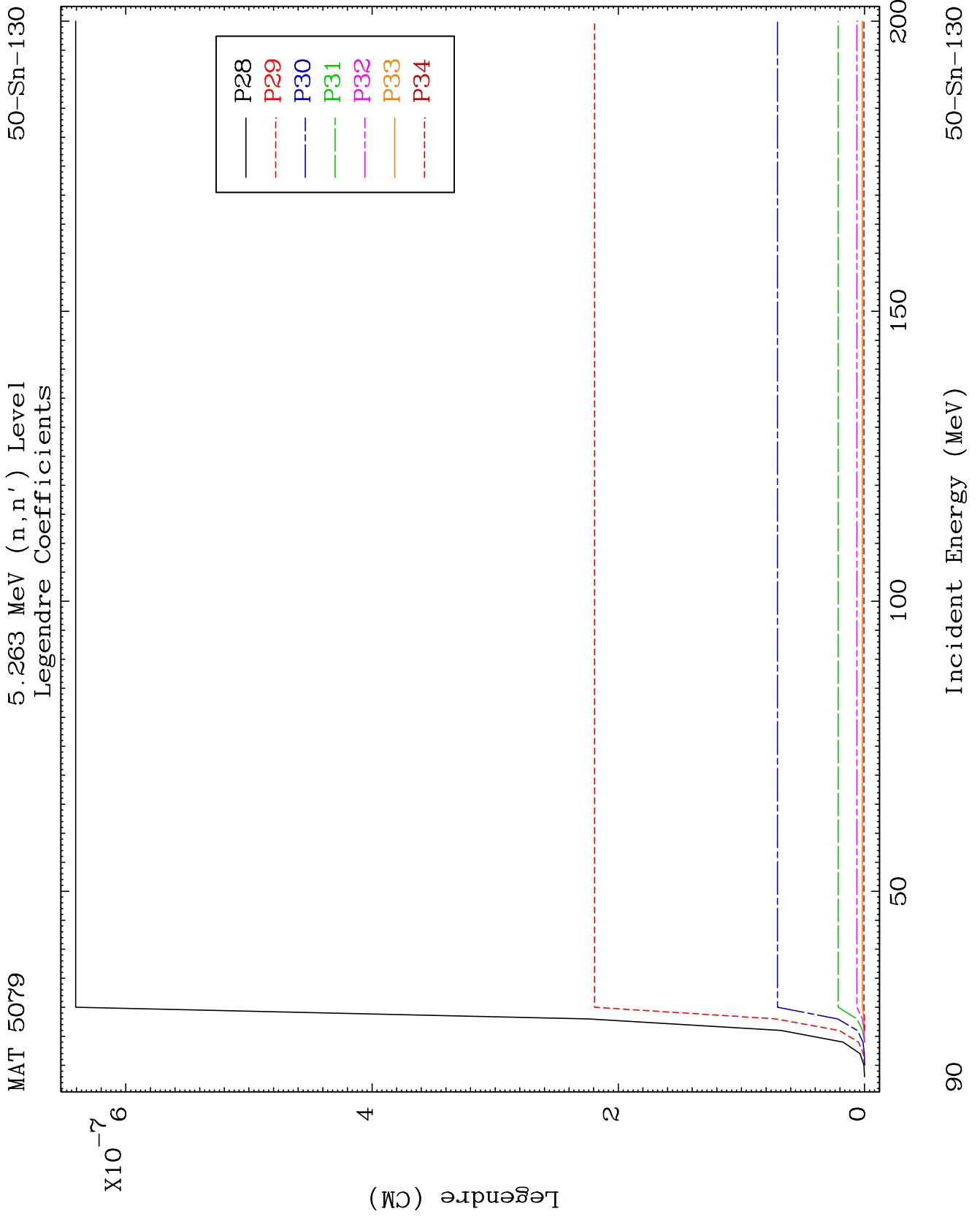


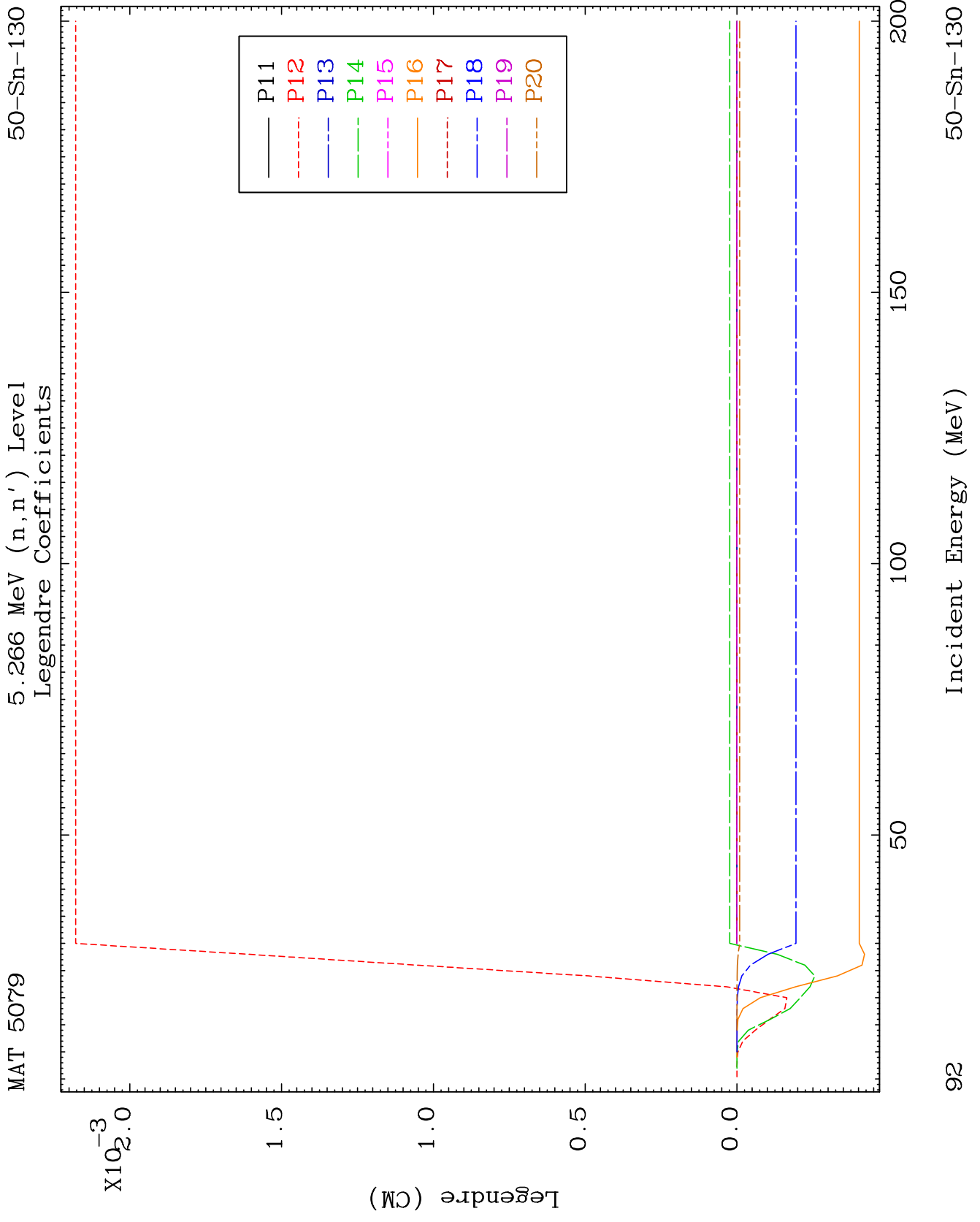


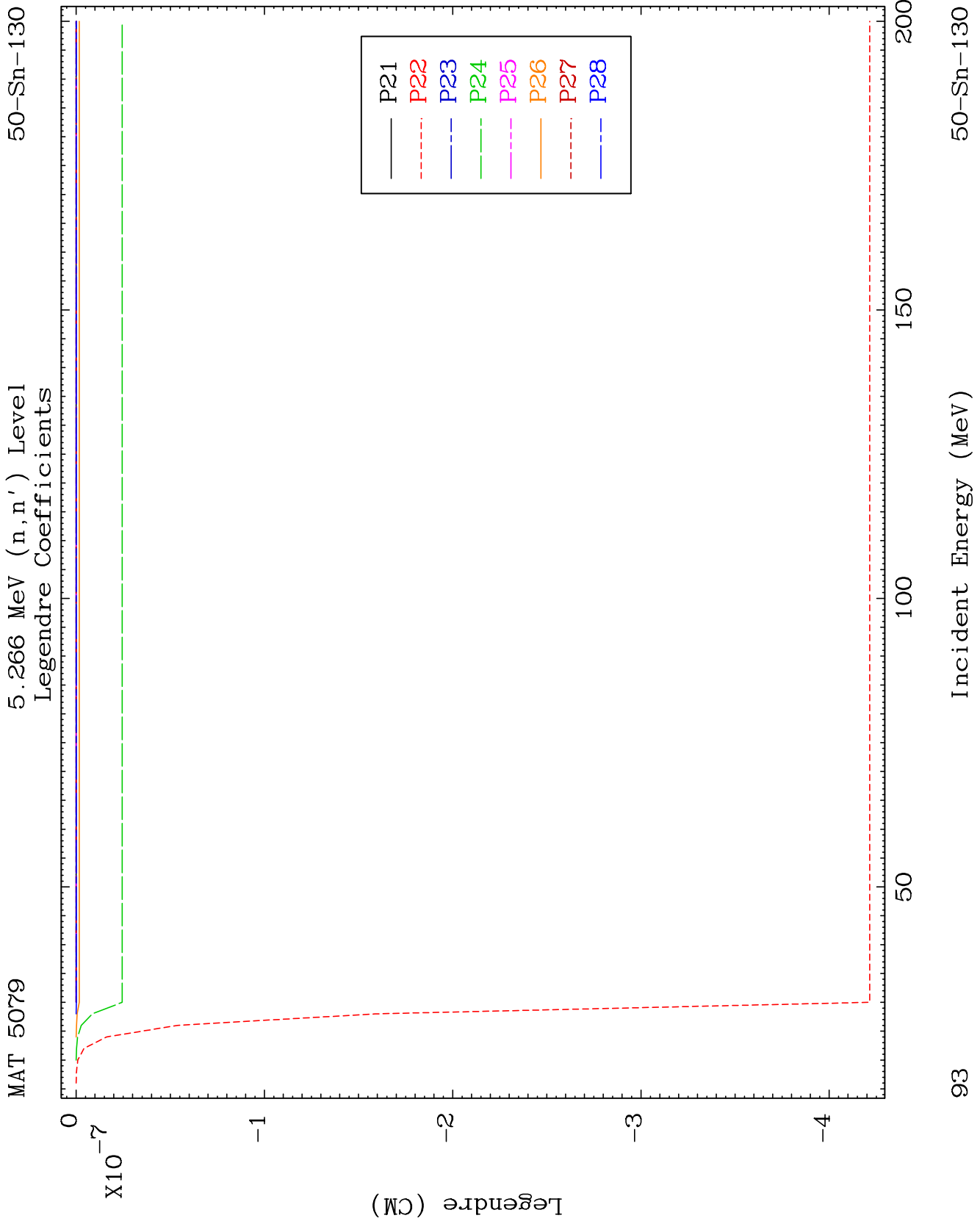








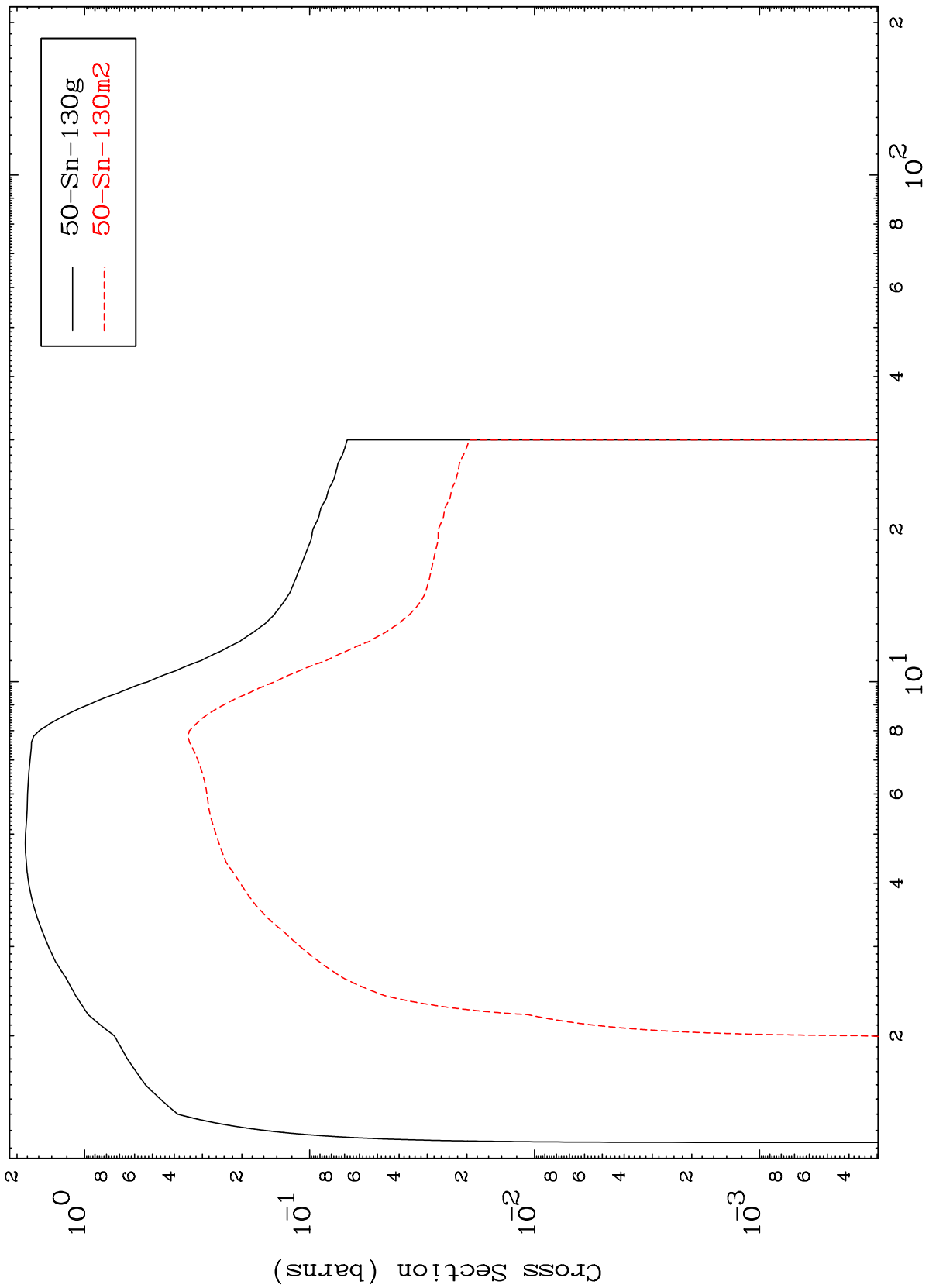




MAT 5079

50-Sn-130

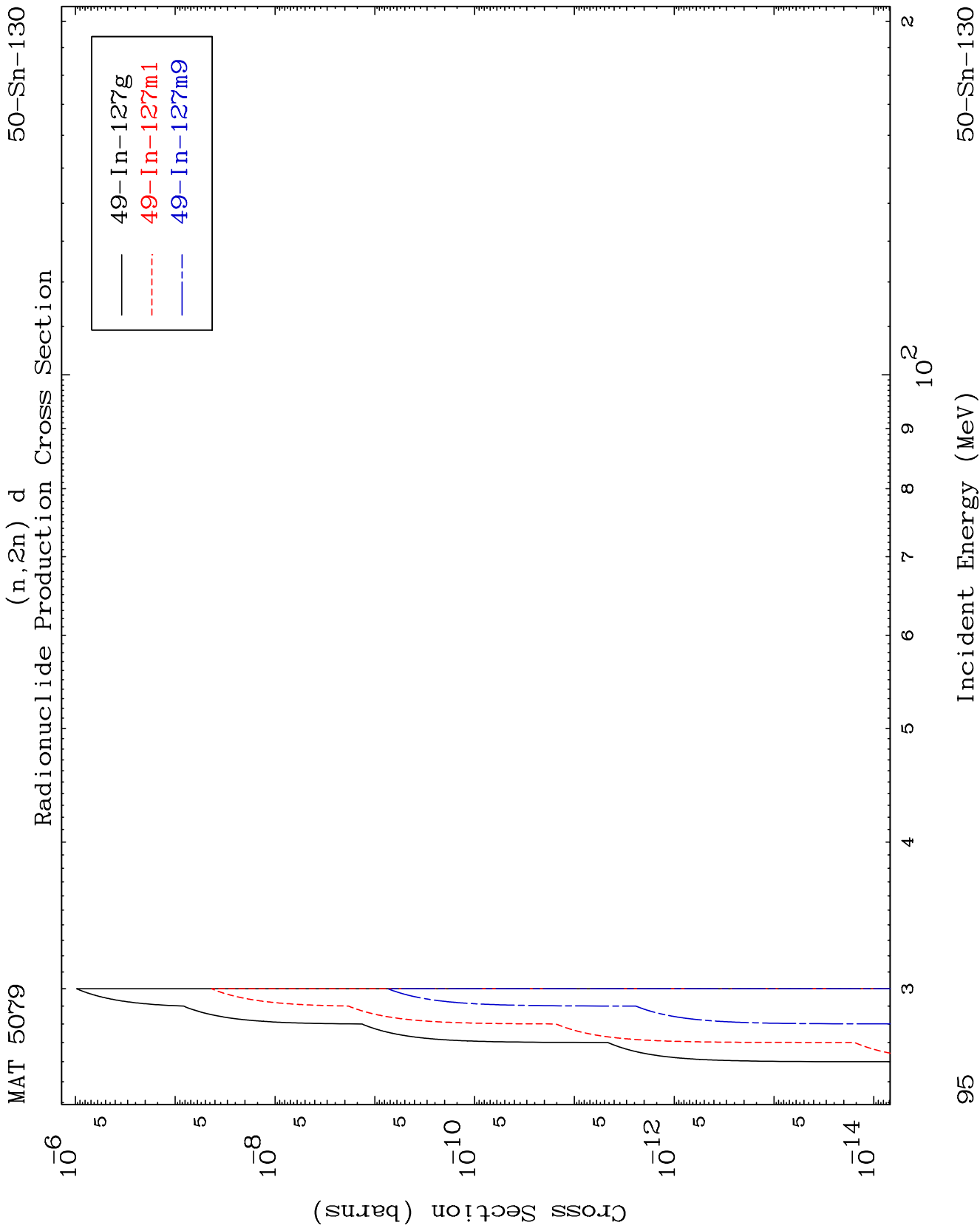
Inelastic
Radionuclide Production Cross Section

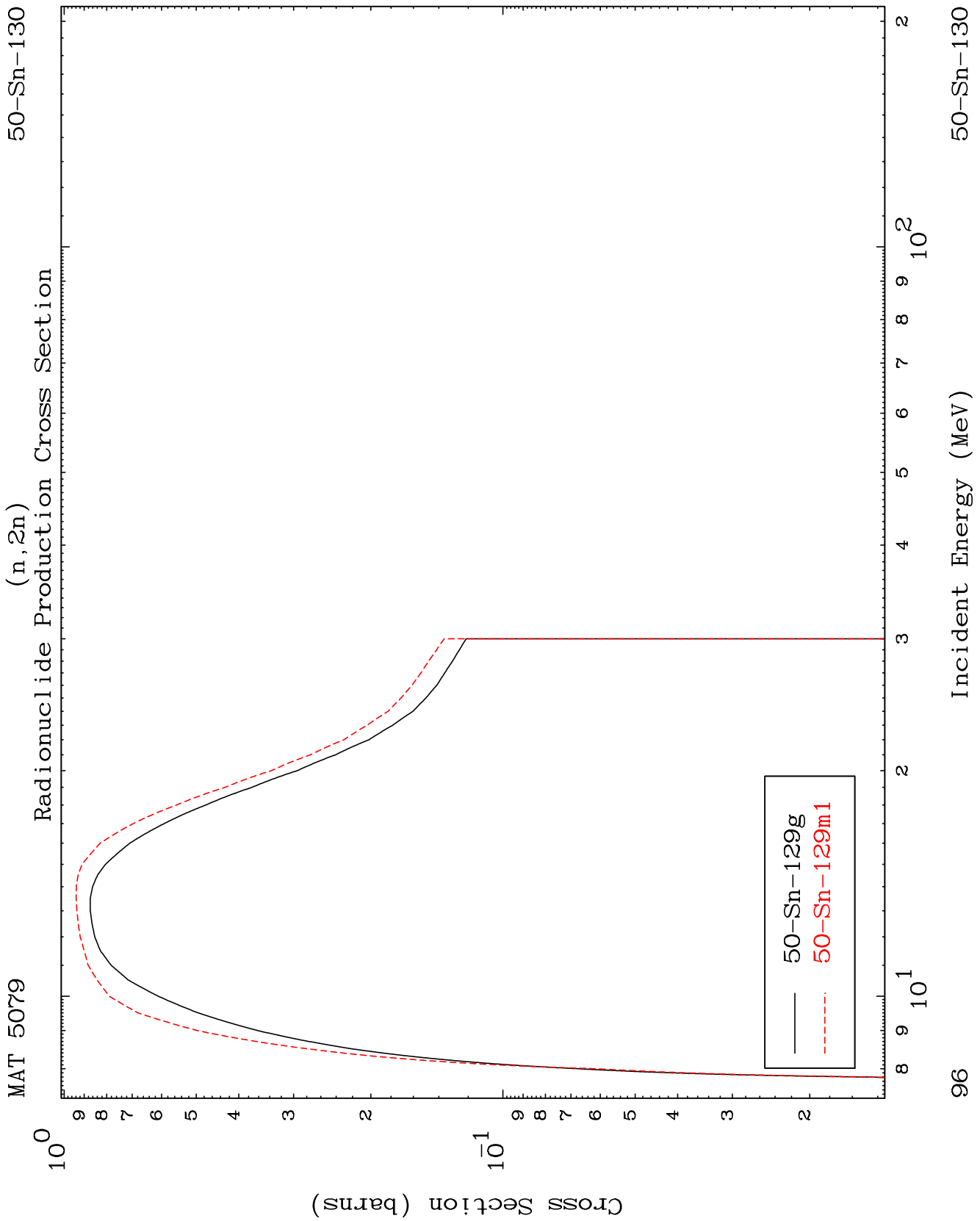


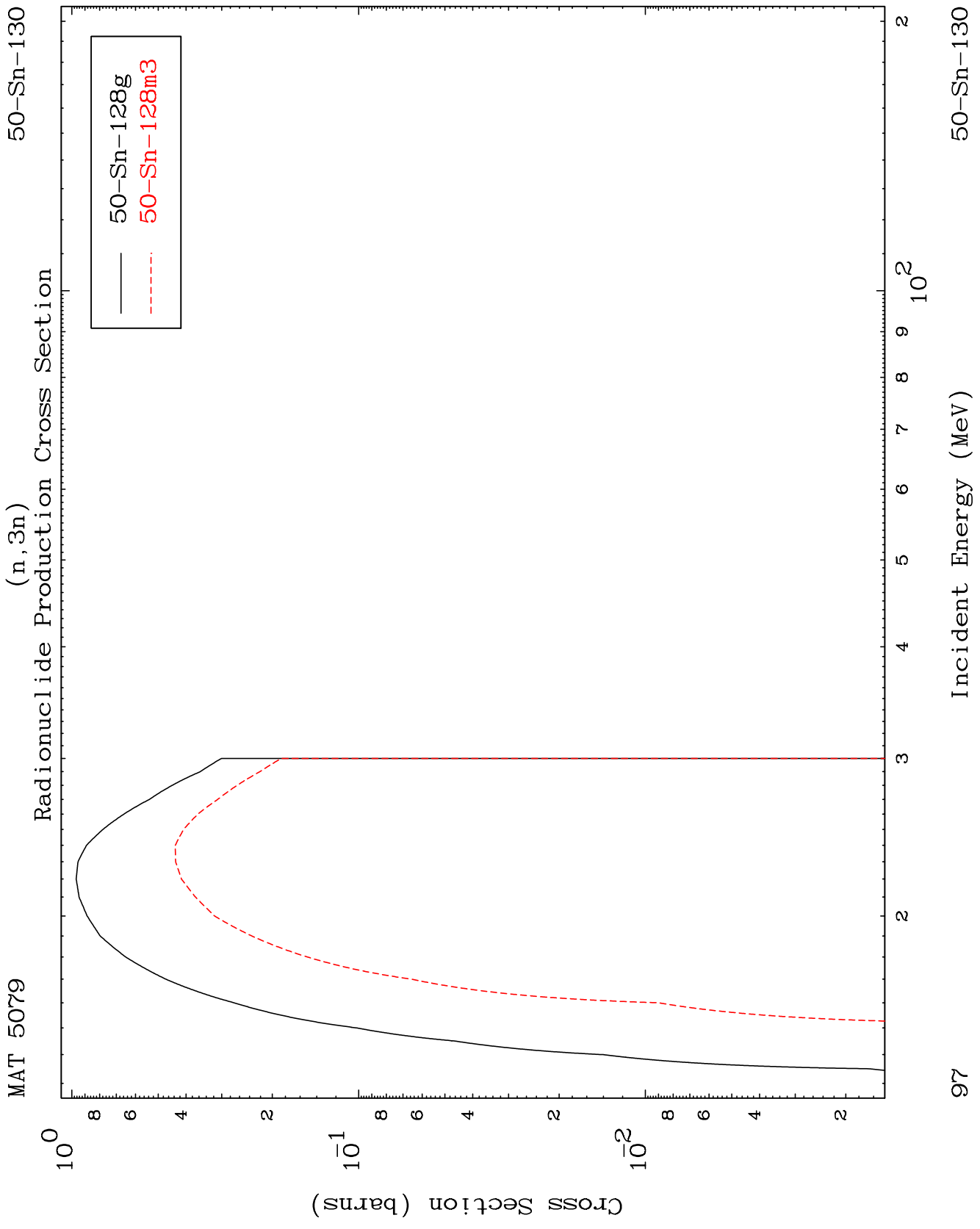
94

Incident Energy (MeV)

50-Sn-130





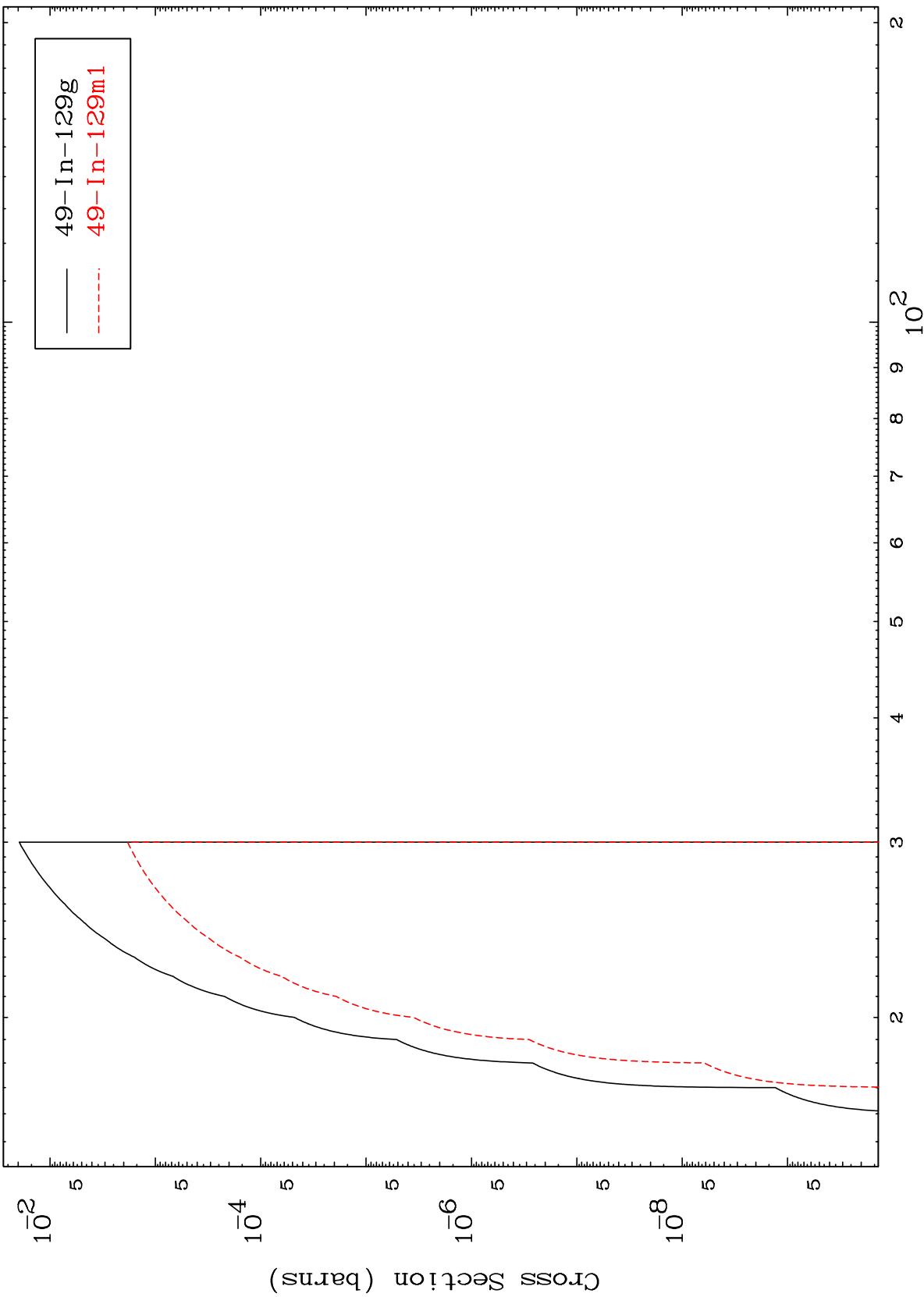


MAT 5079

(n,n') p

50-Sn-130

Radionuclide Production Cross Section



98

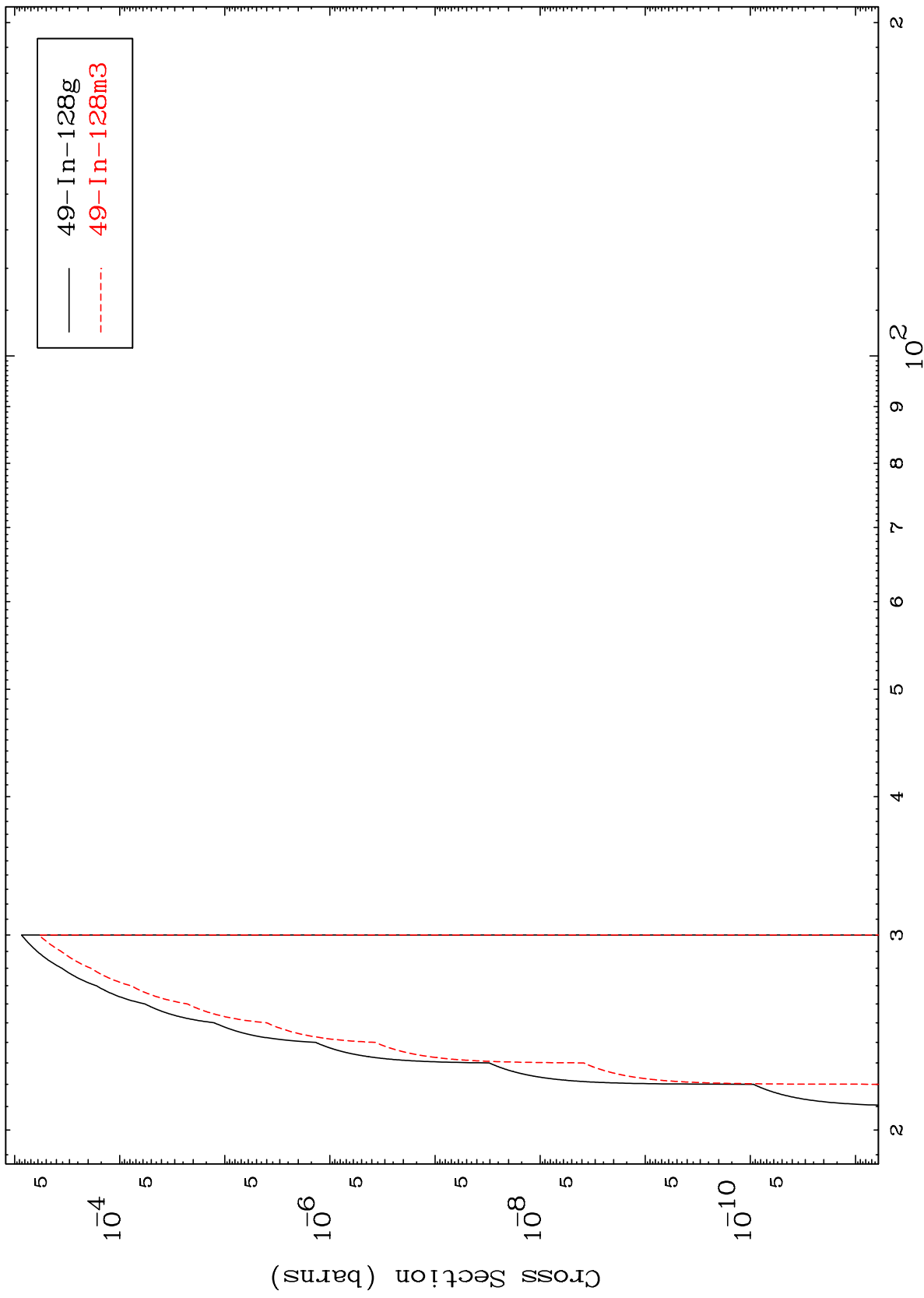
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n, n') d
Radionuclide Production Cross Section



99

Incident Energy (MeV)

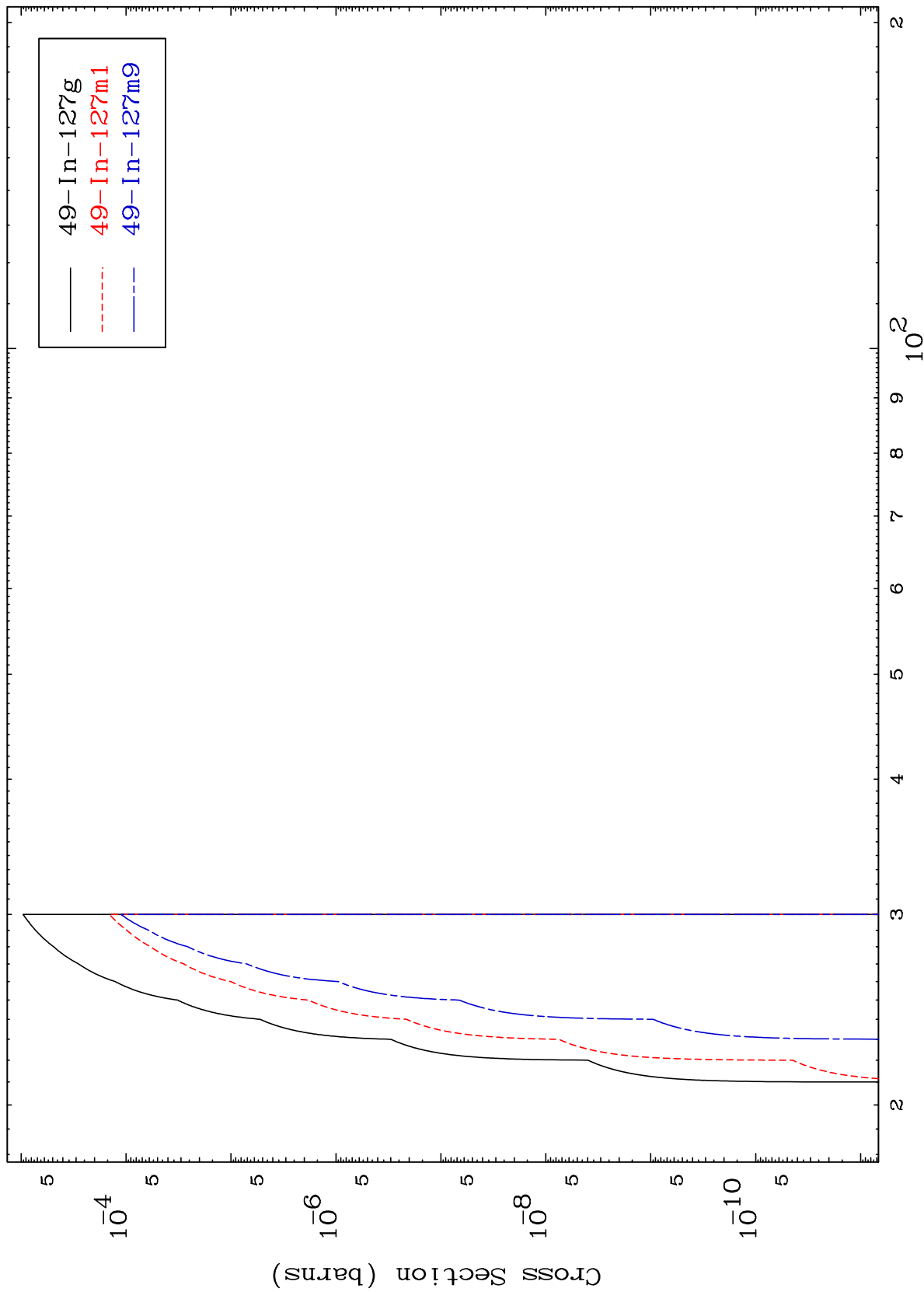
50-Sn-130

MAT 5079

(n,n') t

50-Sn-130

Radionuclide Production Cross Section



100

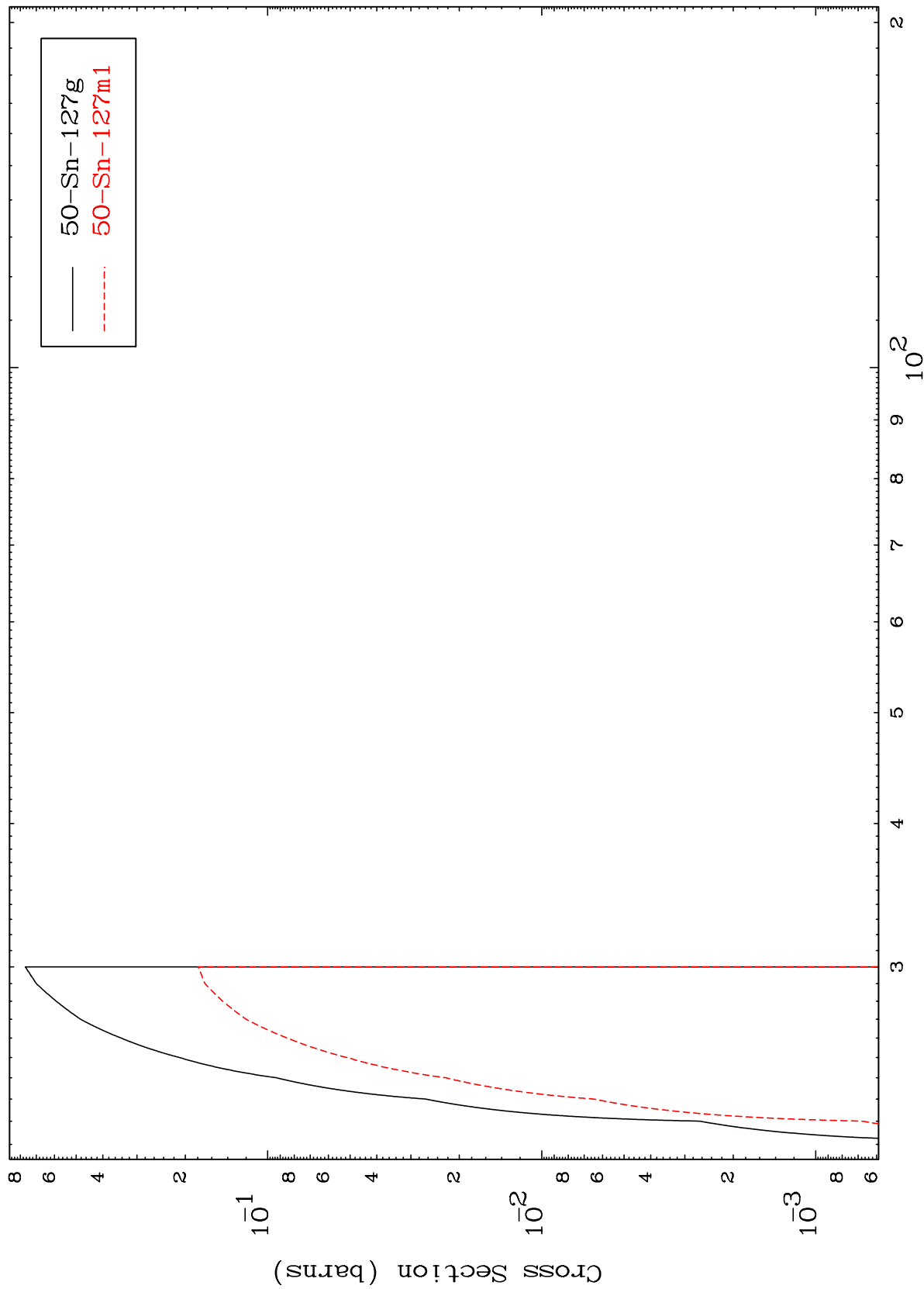
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n,4n)
Radionuclide Production Cross Section



101

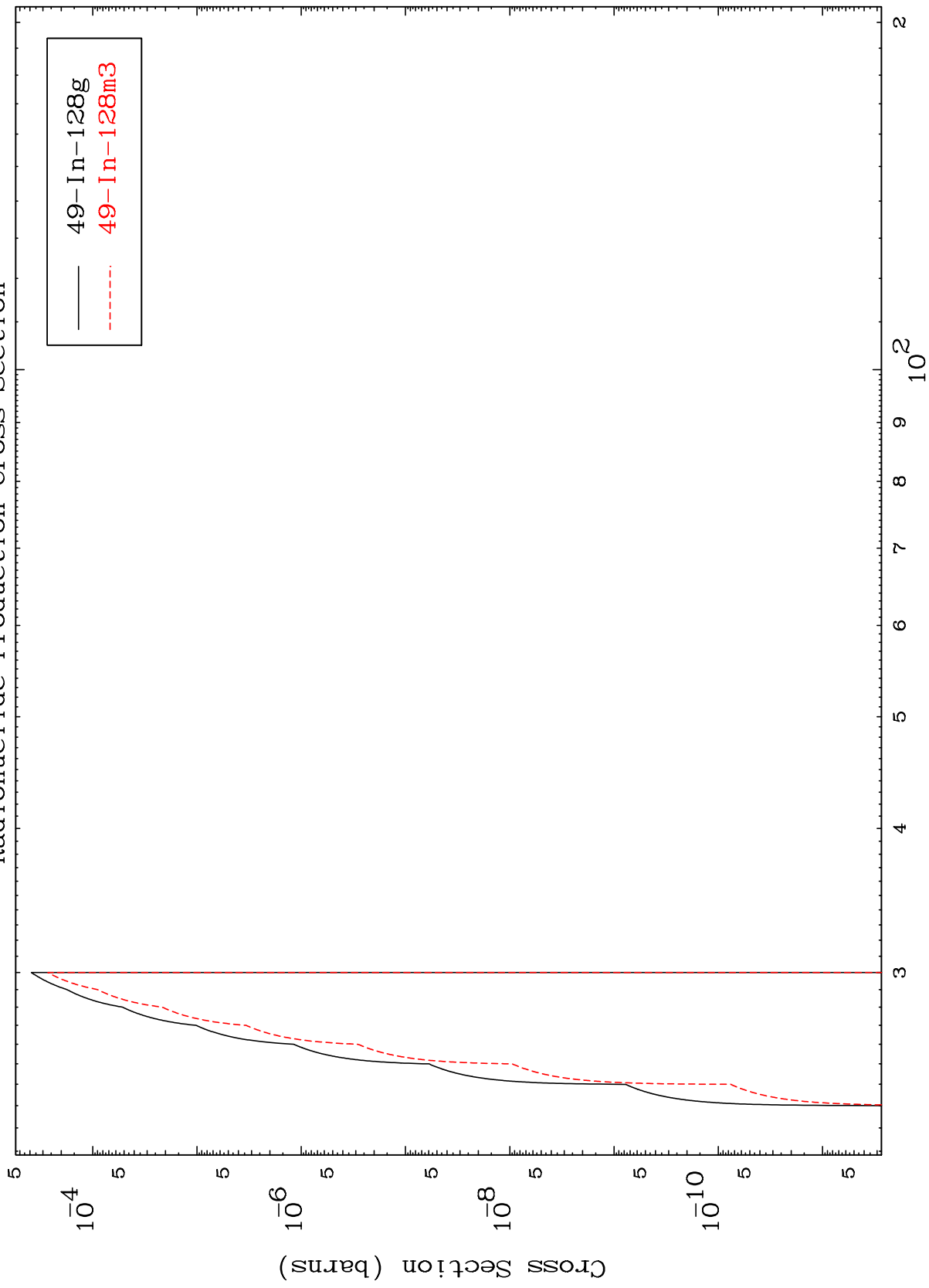
50-Sn-130

Incident Energy (MeV)

MAT 5079

50-Sn-130

(n,2n) p
Radionuclide Production Cross Section



49-In-128g
49-In-128m3

102

50-Sn-130

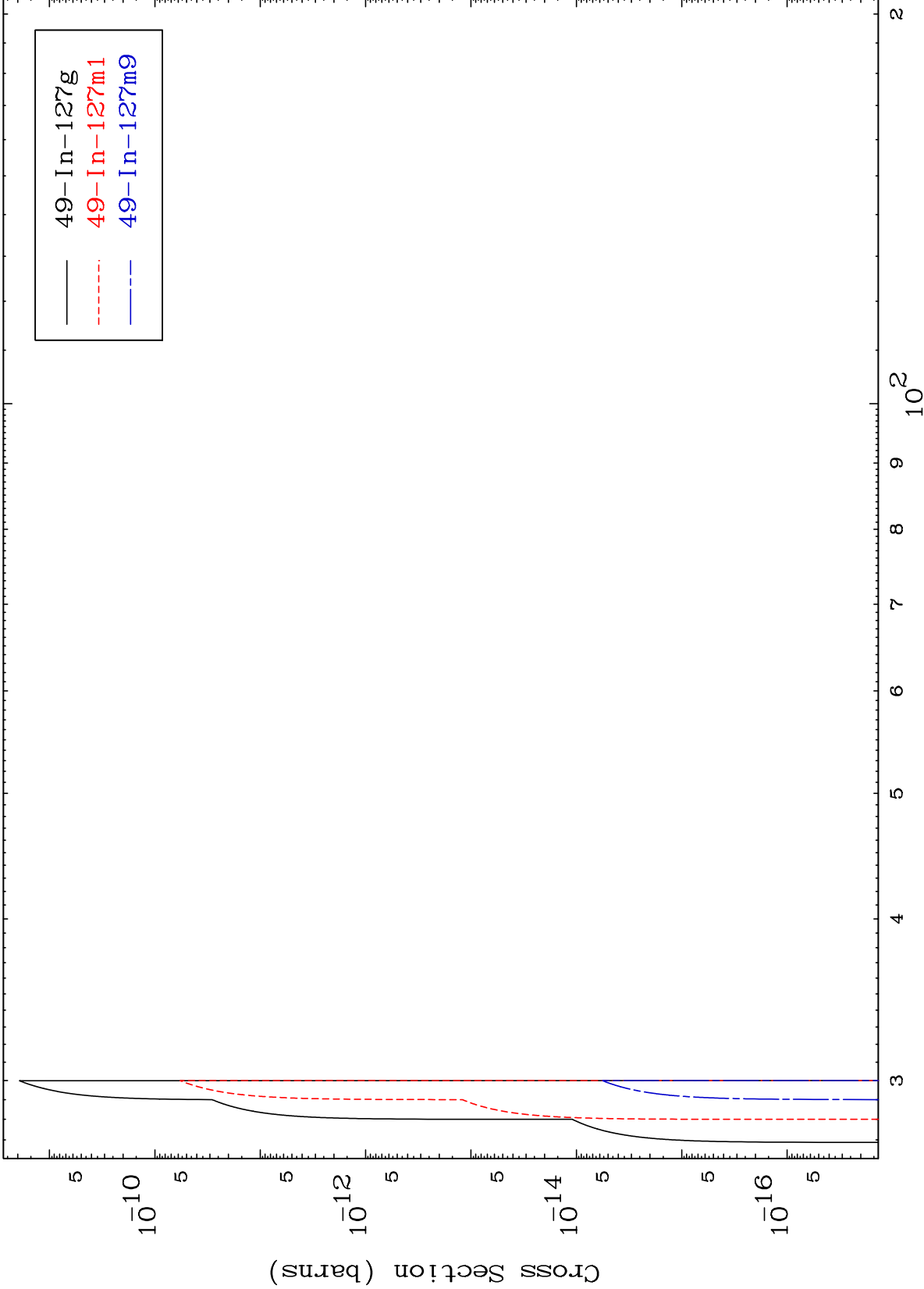
Incident Energy (MeV)

MAT 5079

(n,3n) p

50-Sn-130

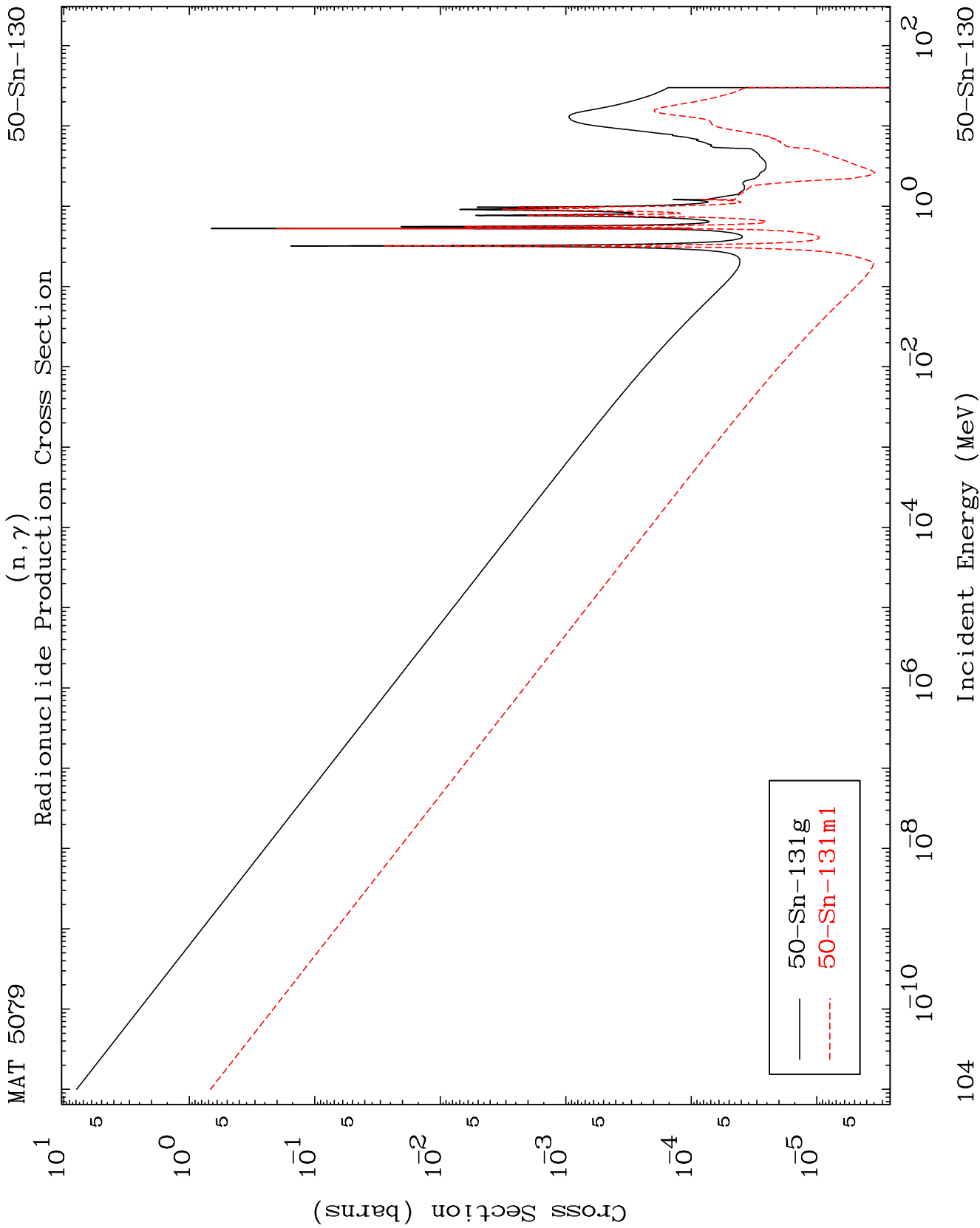
Radionuclide Production Cross Section

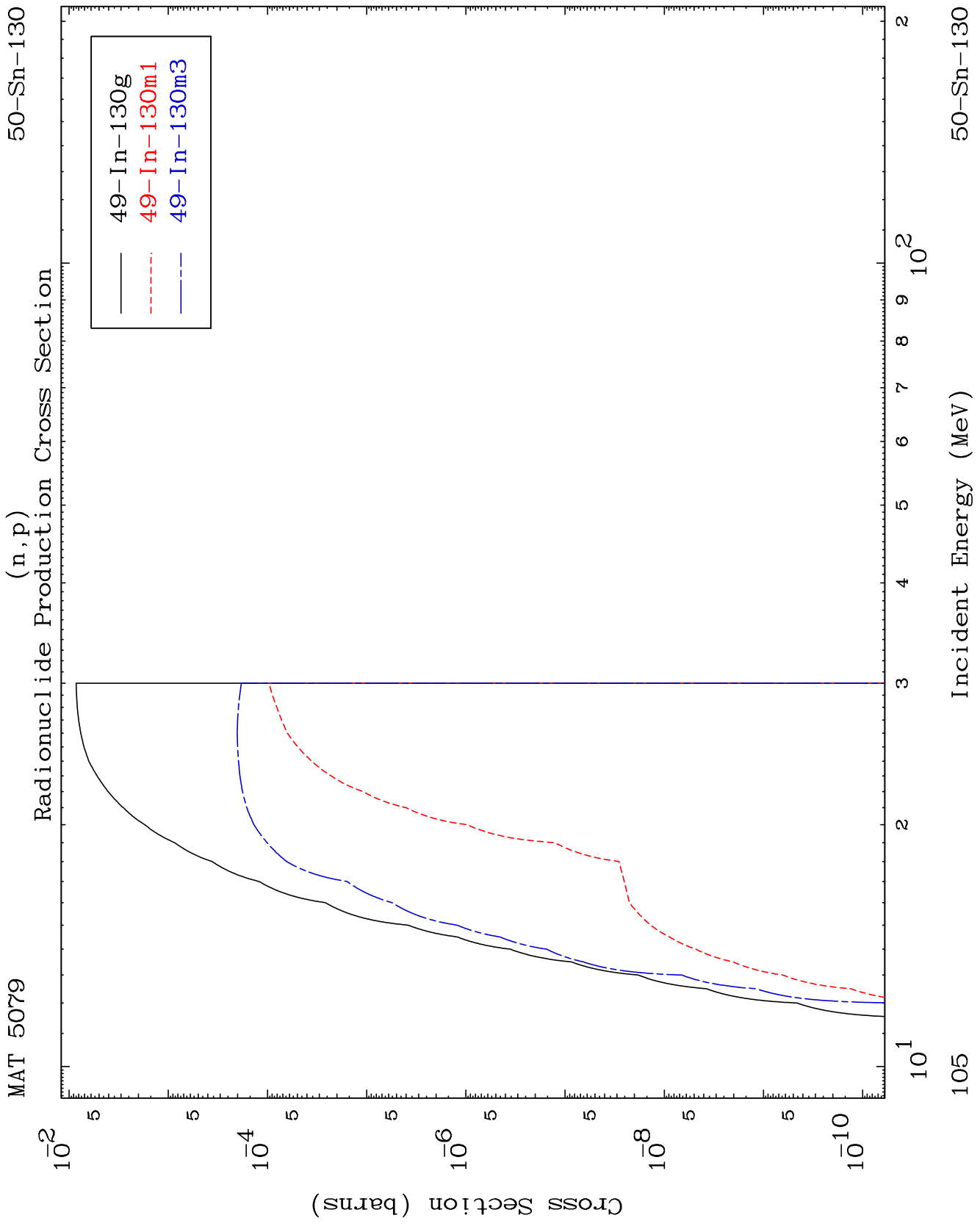


103

Incident Energy (MeV)

50-Sn-130

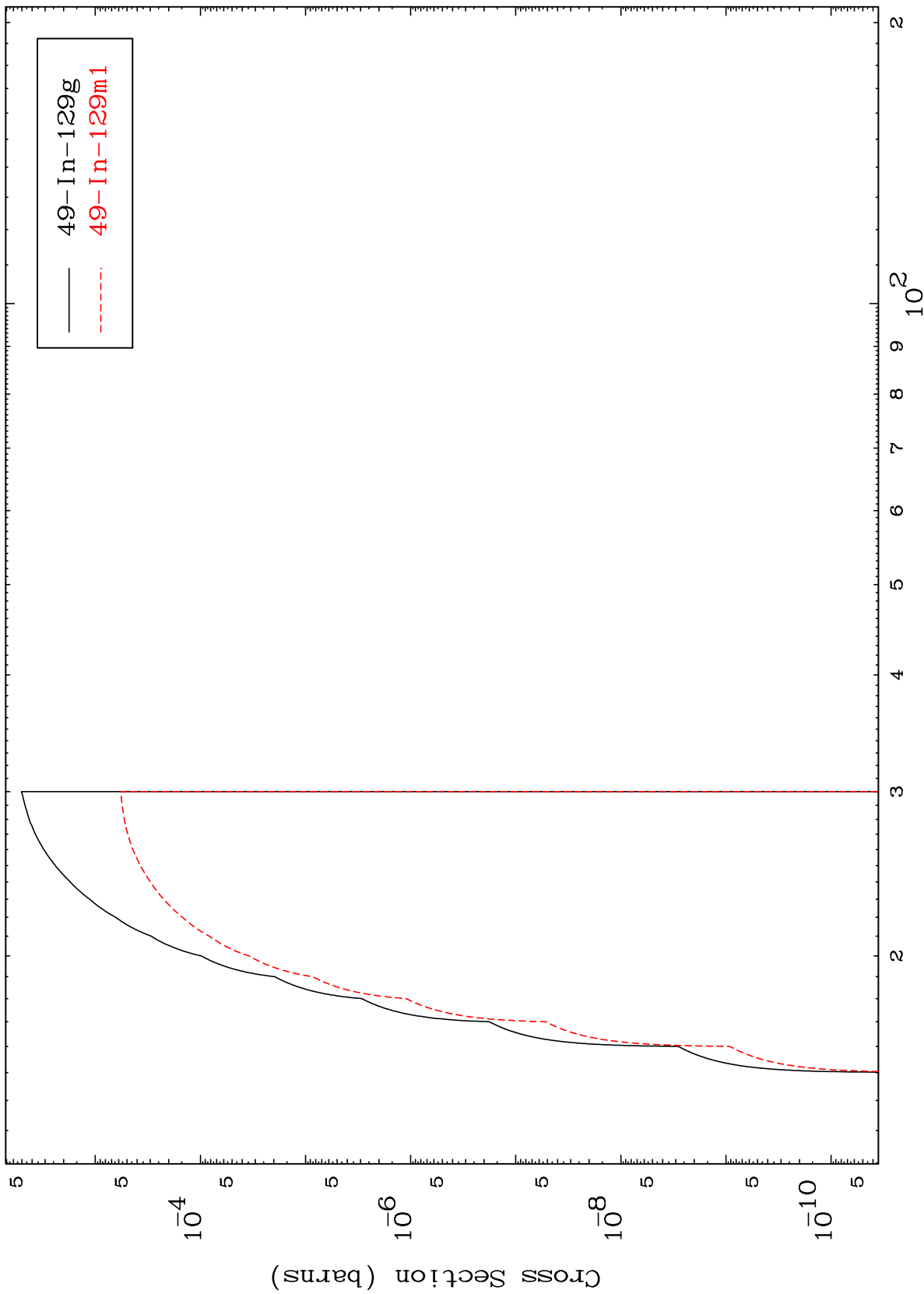




MAT 5079

50-Sn-130

(n,d)
Radionuclide Production Cross Section



106

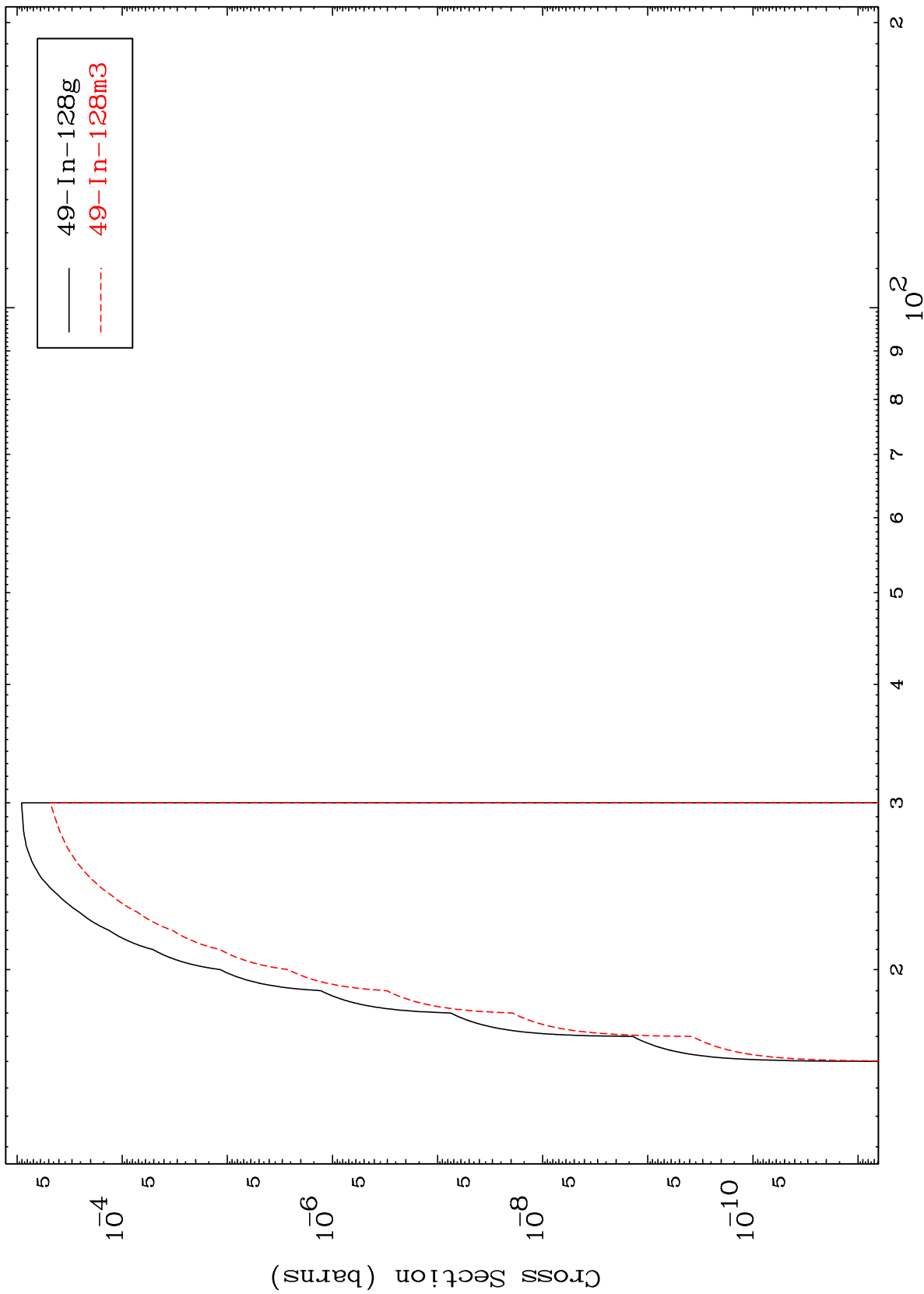
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(n,t)
Radionuclide Production Cross Section



107

50-Sn-130

Incident Energy (MeV)