

Program EVALPLOT
(Version 2018-1)

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:redcullen1.net/HOMEPAGE.NEW

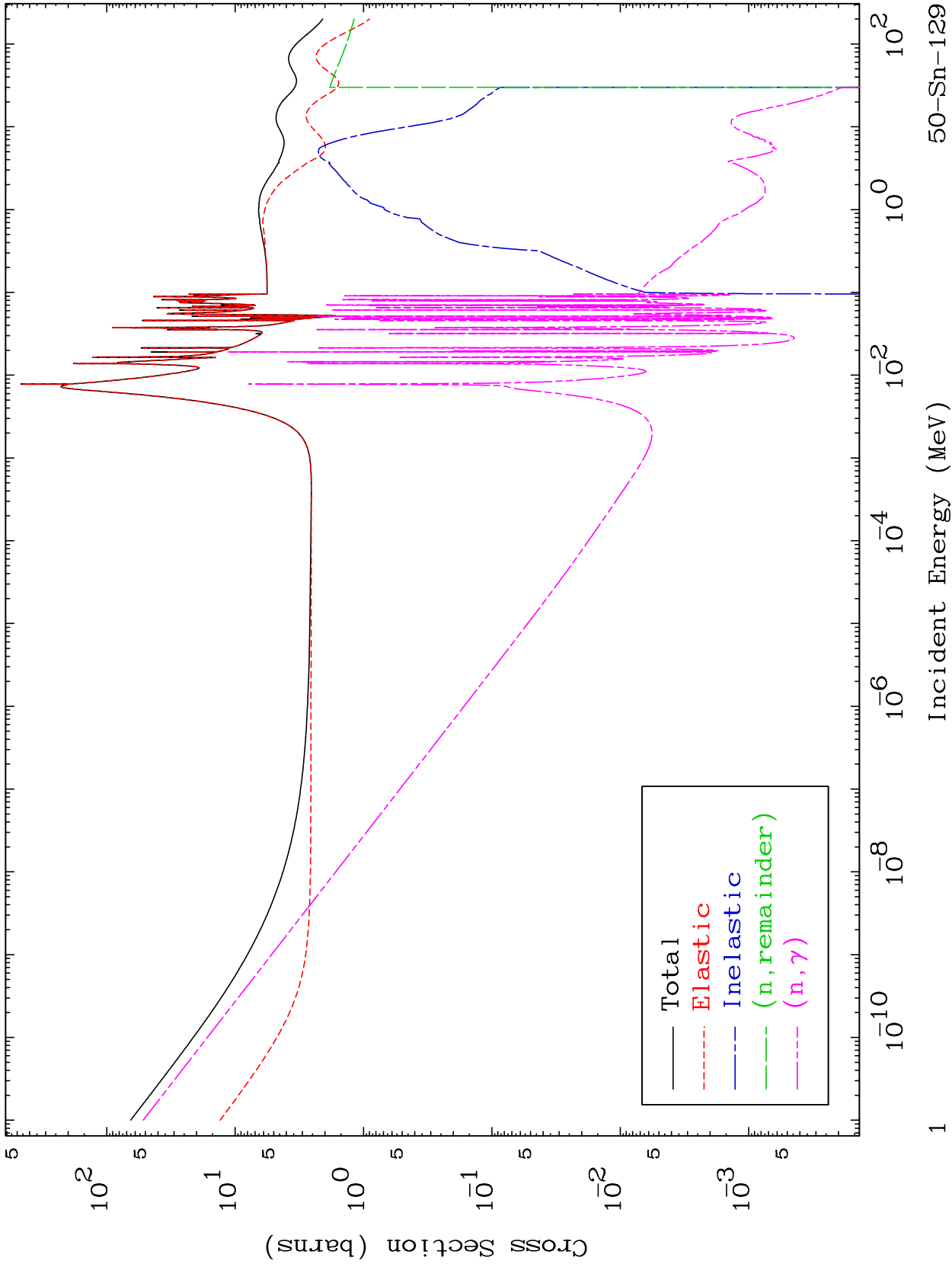
Press Mouse Button to Start

MAT 5076

Major

293 Kelvin Cross Sections

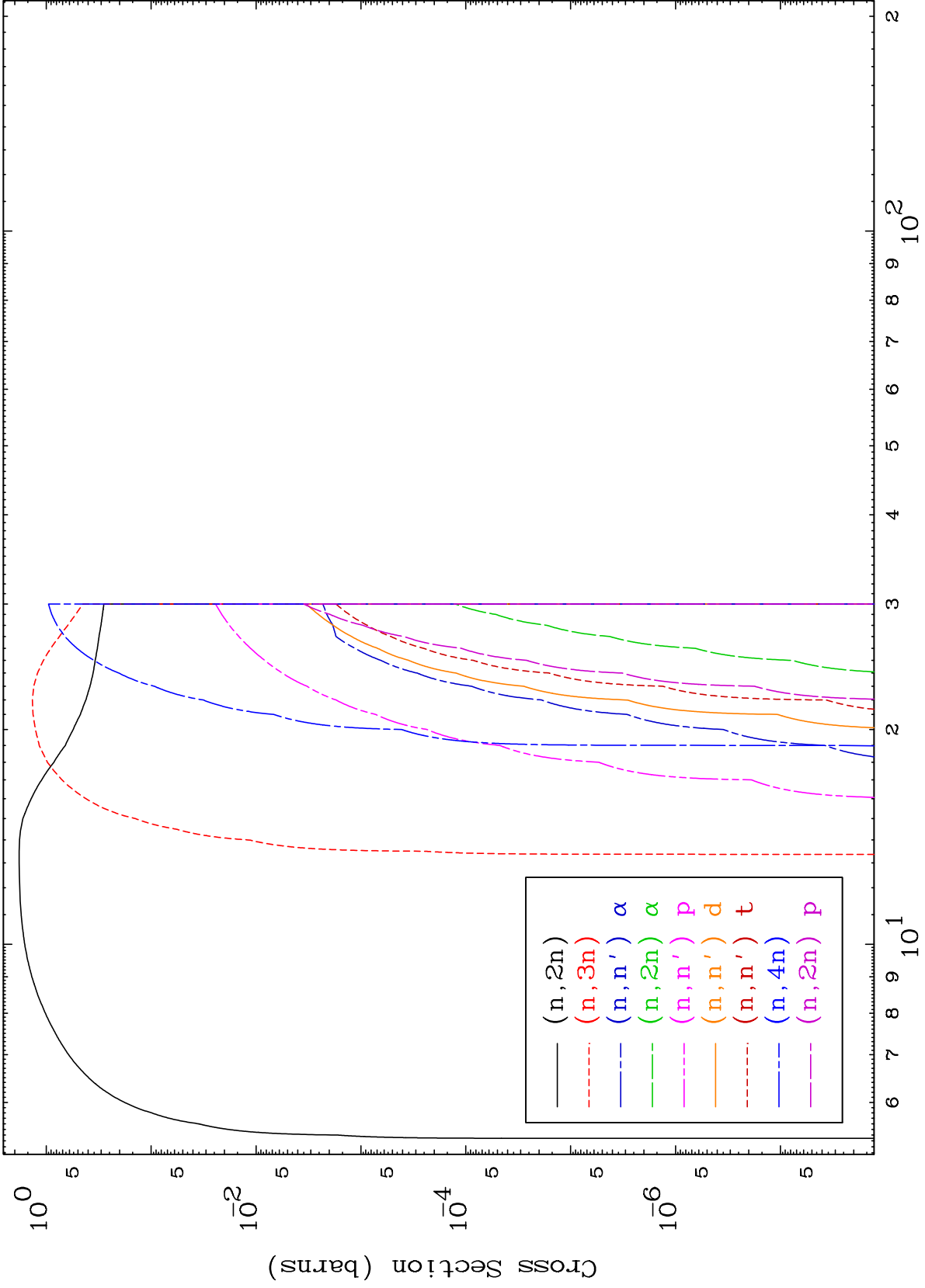
50-Sn-129



MAT 5076

Neutron Production
293 Kelvin Cross Sections

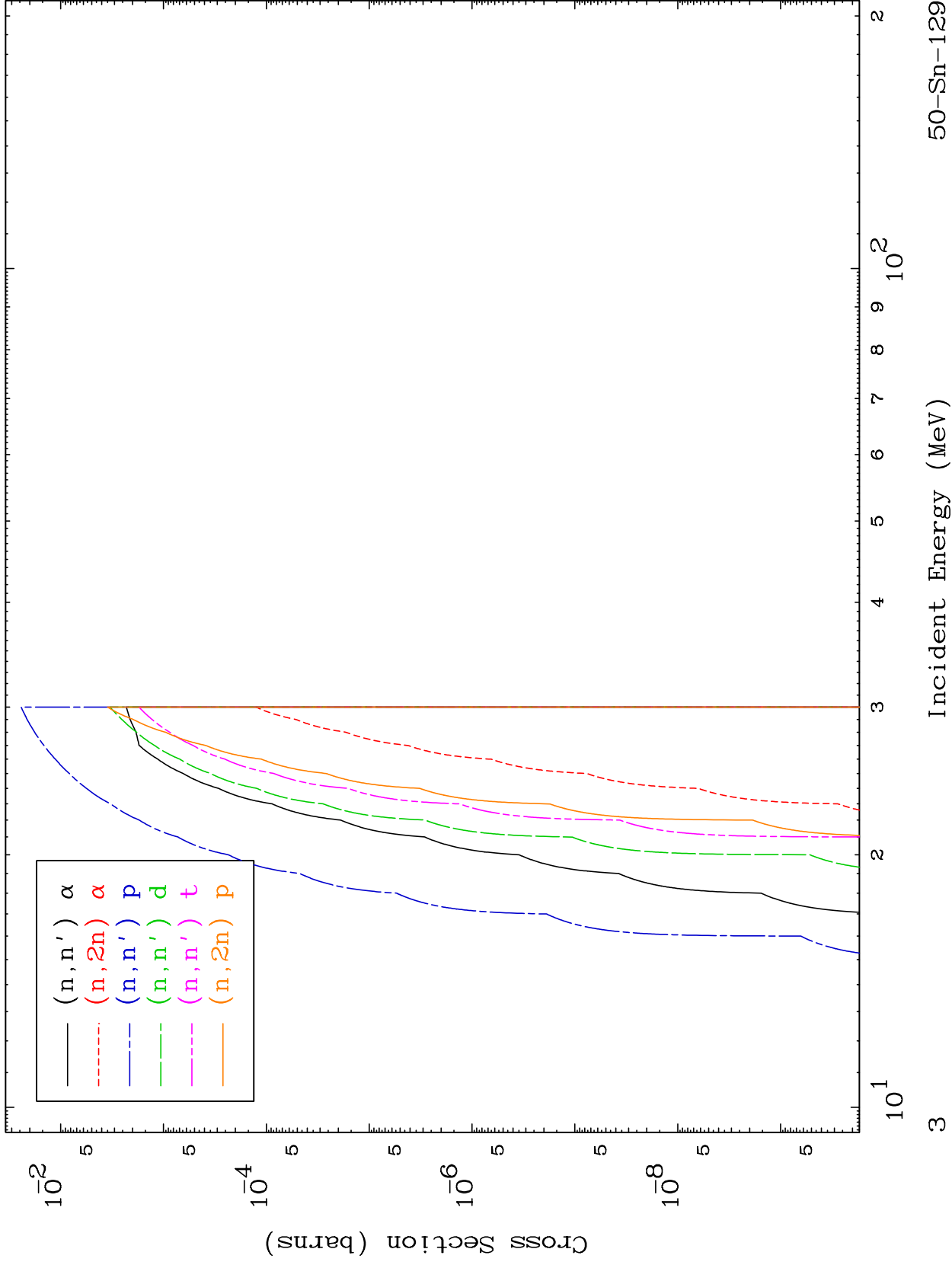
50-Sn-129



MAT 5076

Charged Particle
293 Kelvin Cross Sections

50-Sn-129

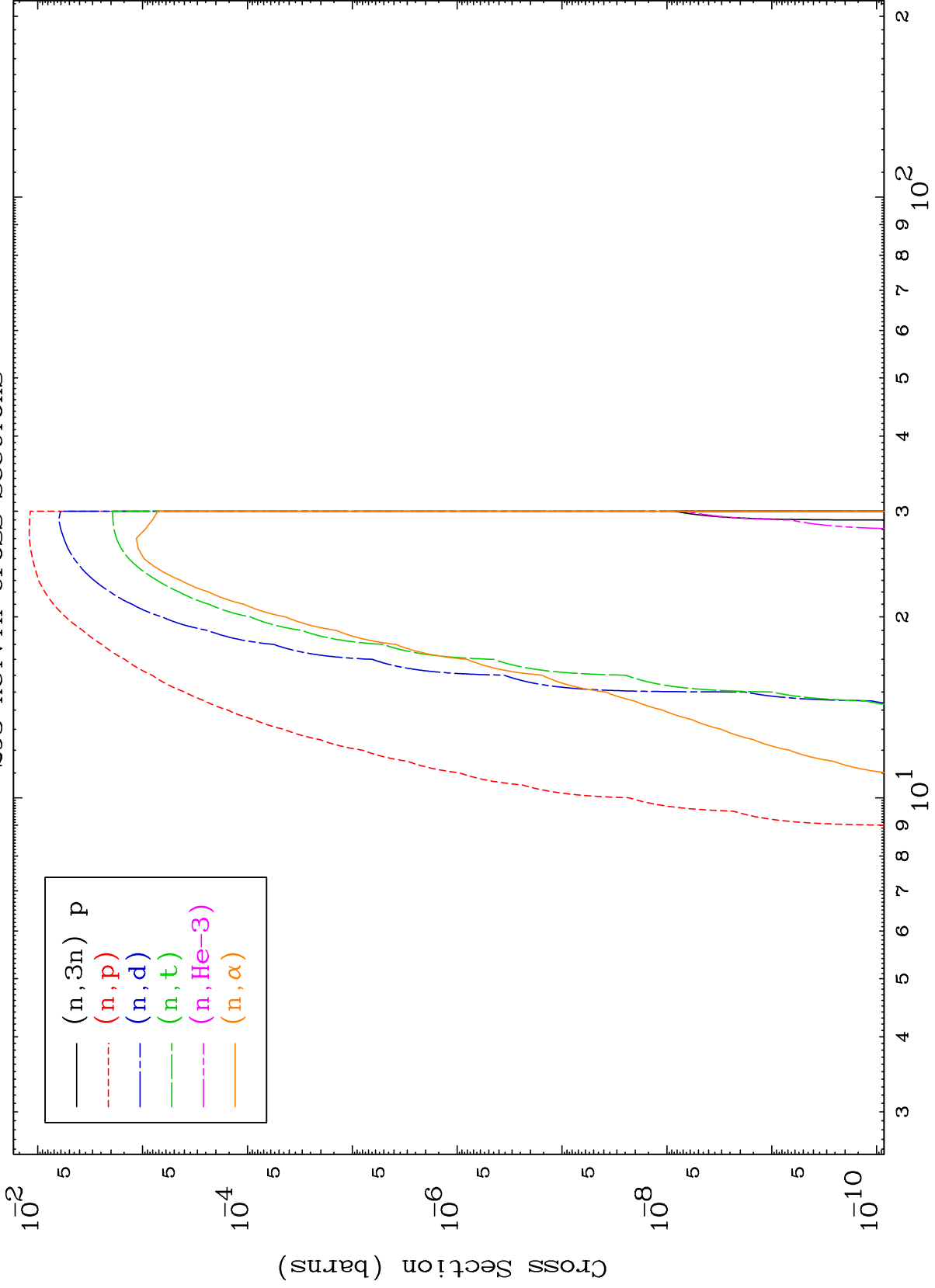


50-Sn-129

MAT 5076

Charged Particle
293 Kelvin Cross Sections

50-Sn-129



4

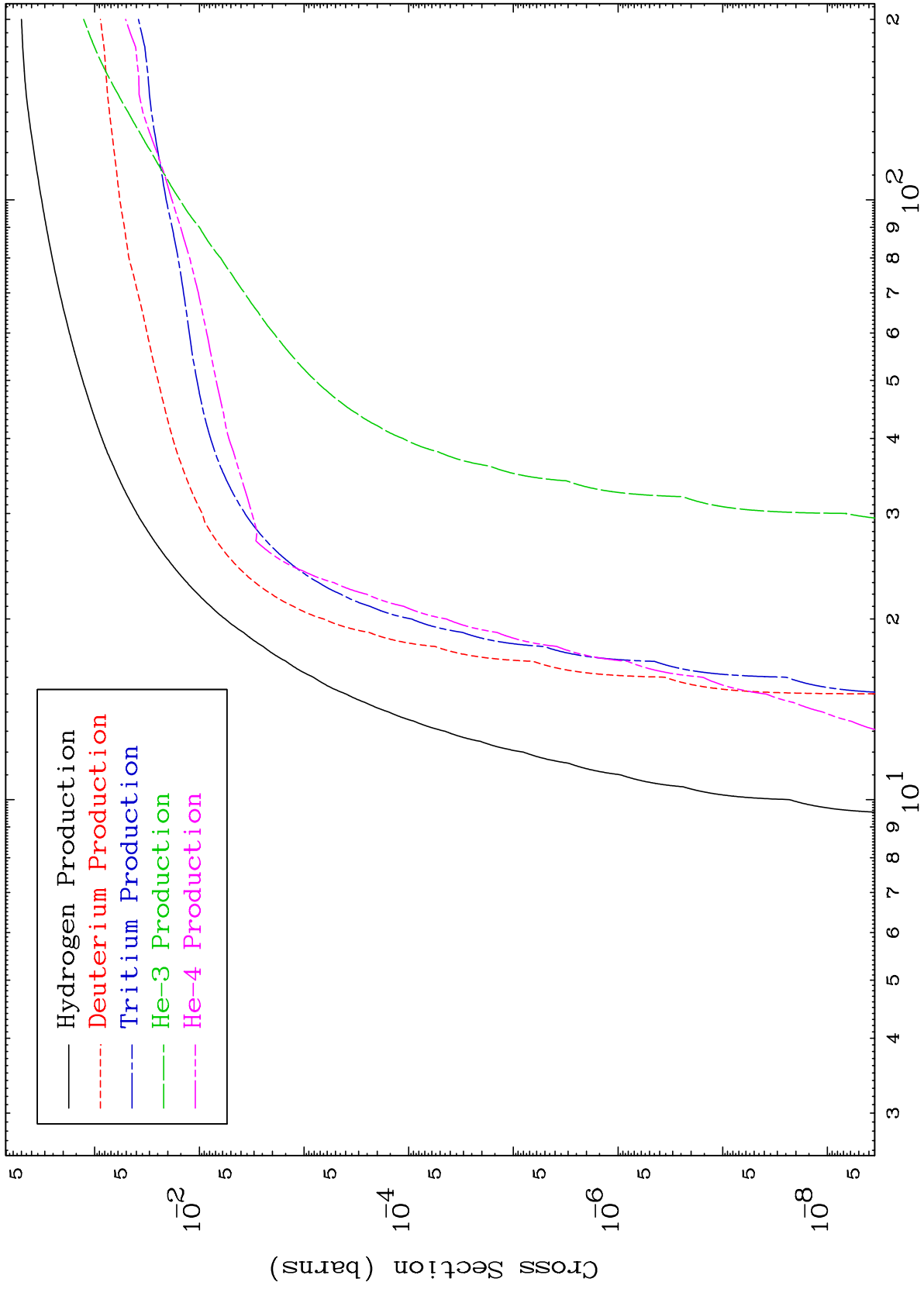
Incident Energy (MeV)

50-Sn-129

MAT 5076

Particle Production
293 Kelvin Cross Sections

50-Sn-129



5

Incident Energy (MeV)

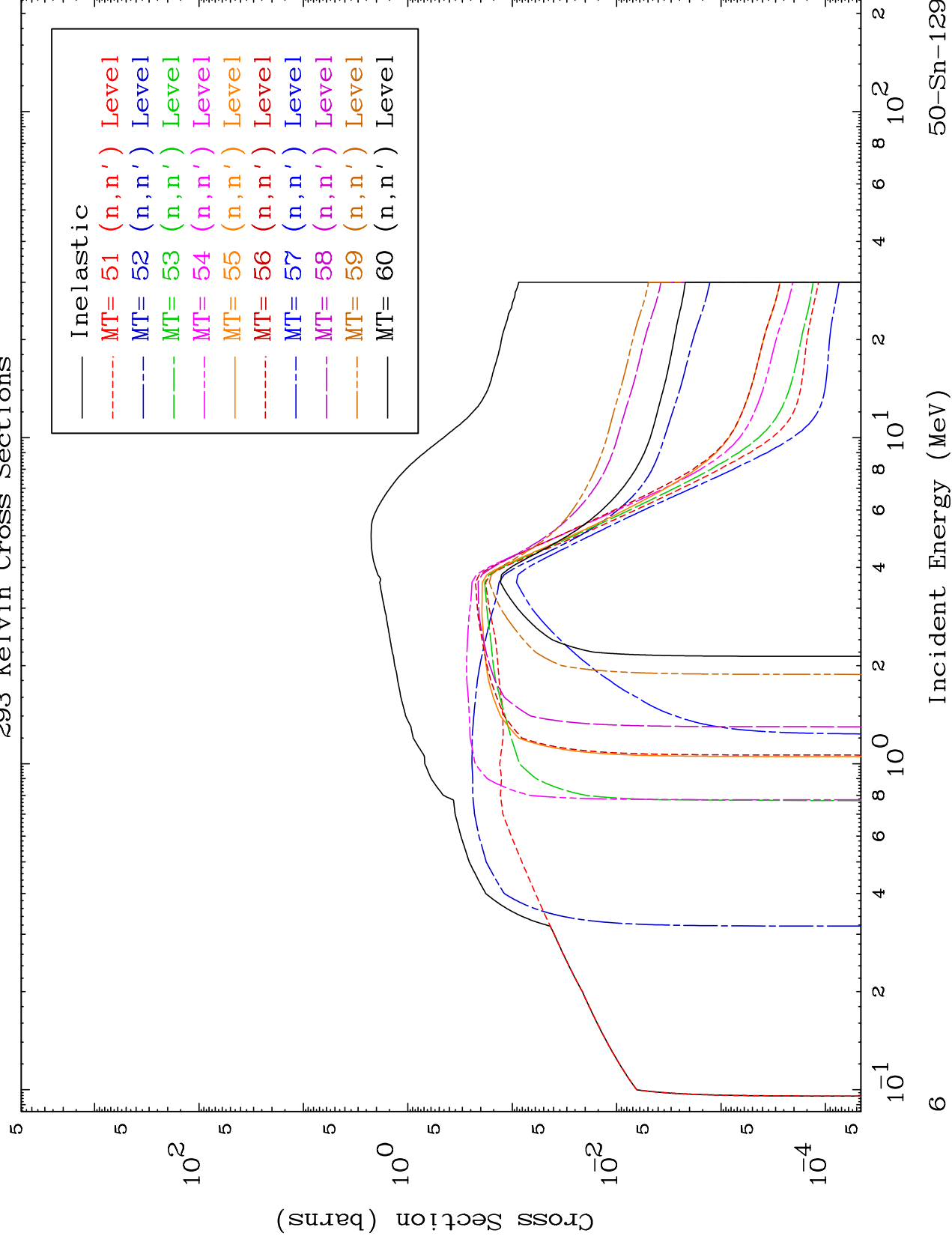
50-Sn-129

MAT 5076

(n,n') Level

50-Sn-129

293 Kelvin Cross Sections



Incident Energy (MeV)

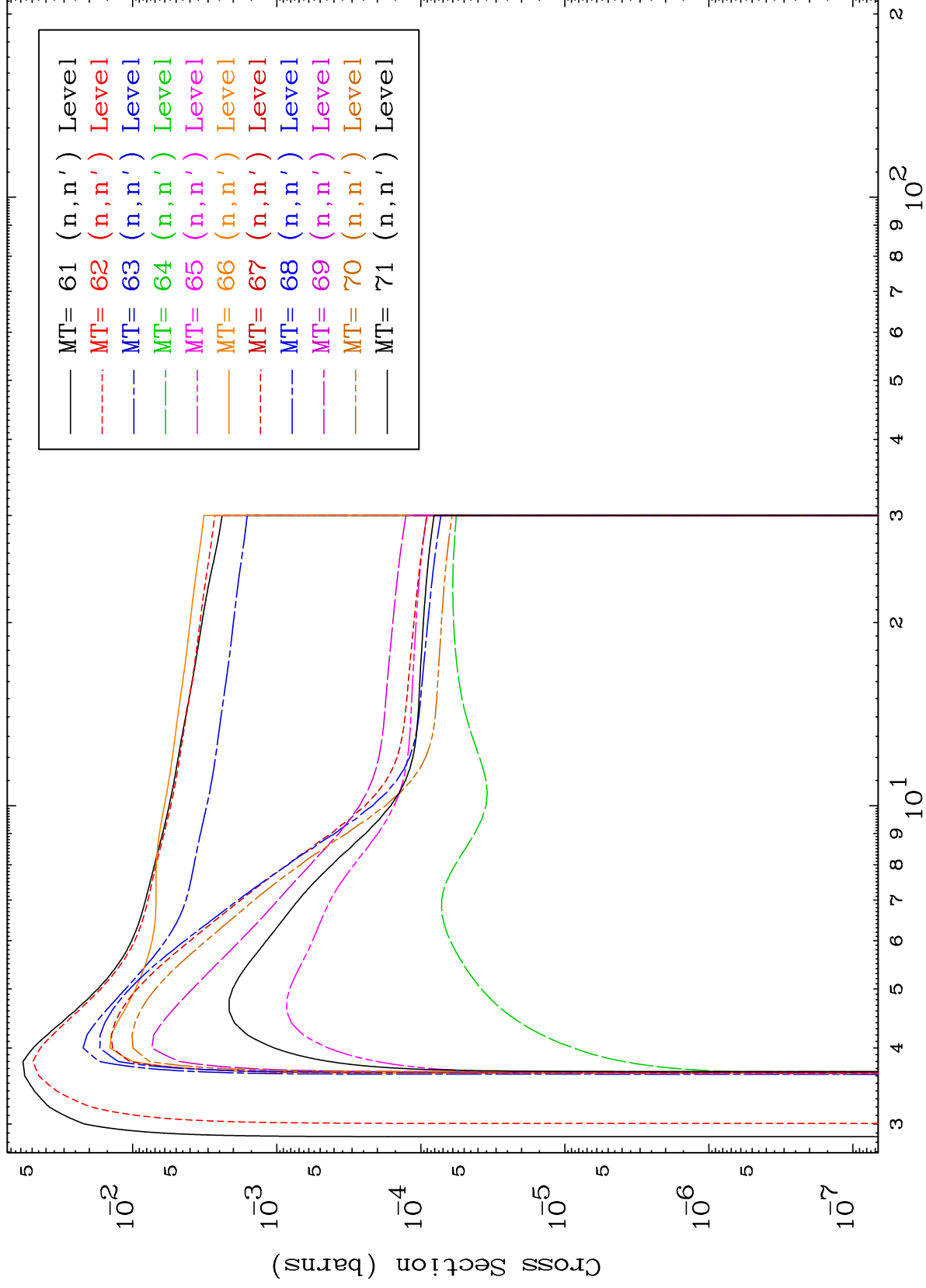
50-Sn-129

MAT 5076

(n,n') Level

50-Sn-129

293 Kelvin Cross Sections



Incident Energy (MeV)

50-Sn-129

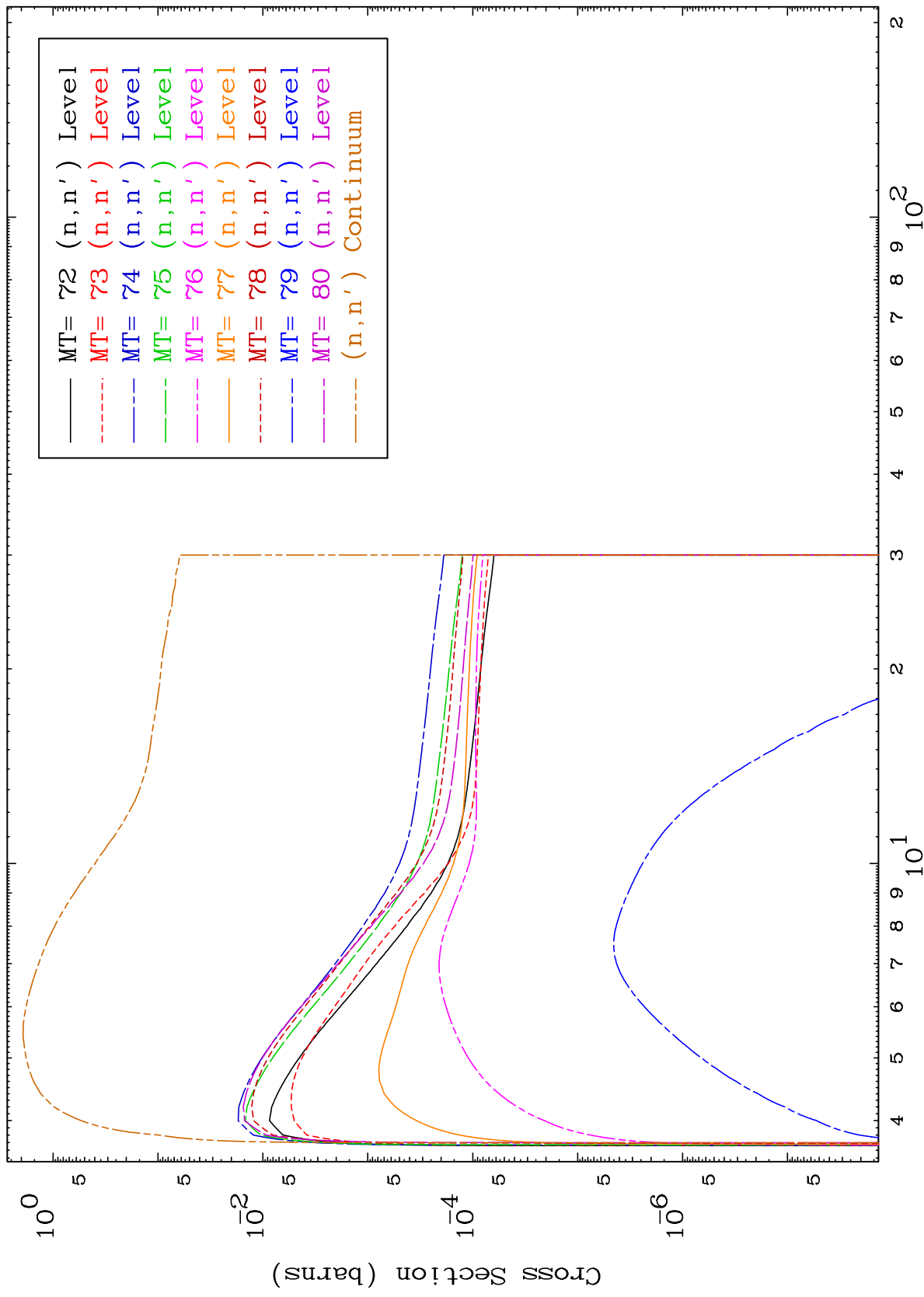
7

MAT 5076

(n,n') Level

50-Sn-129

293 Kelvin Cross Sections



8

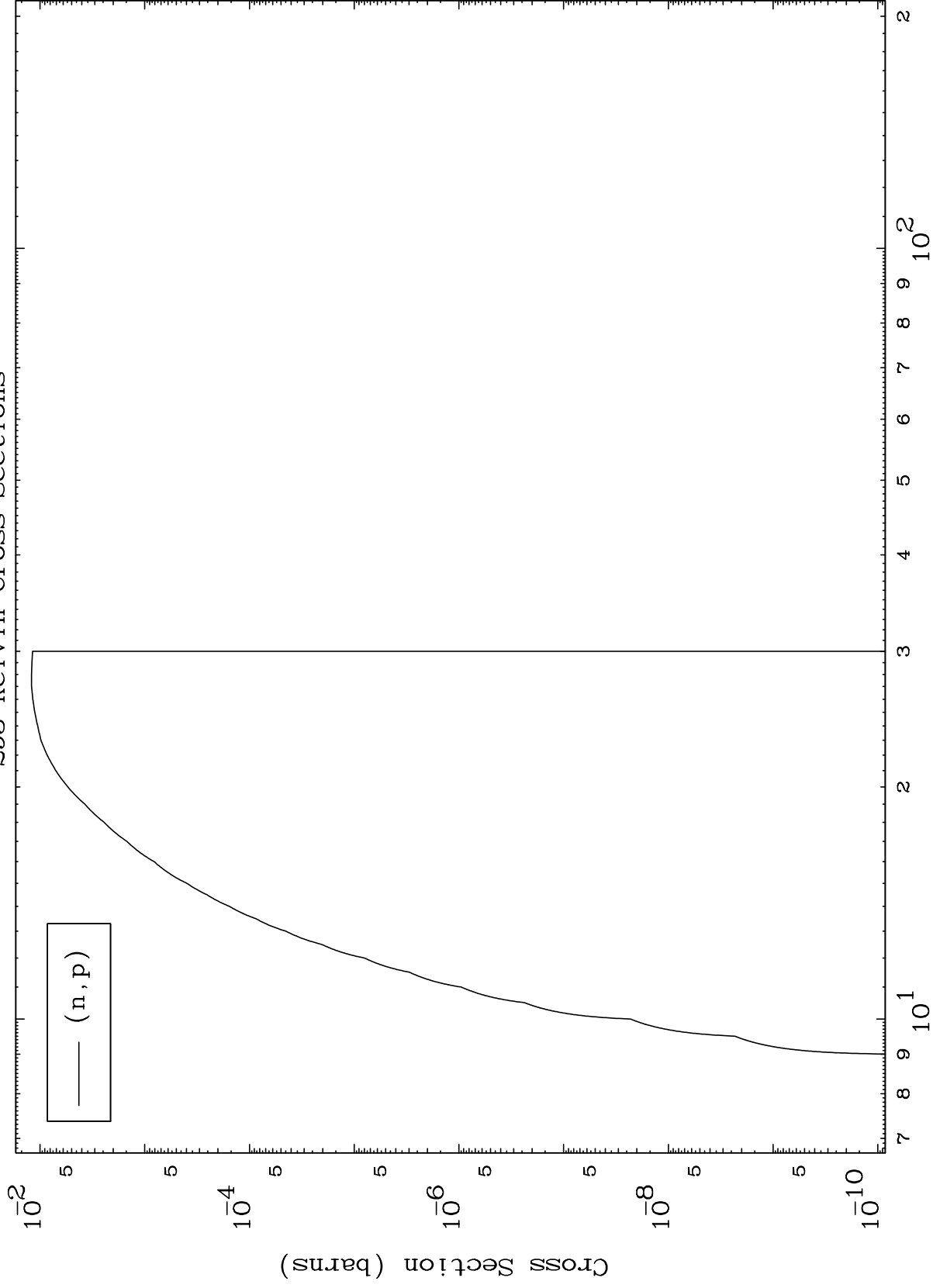
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-129



9

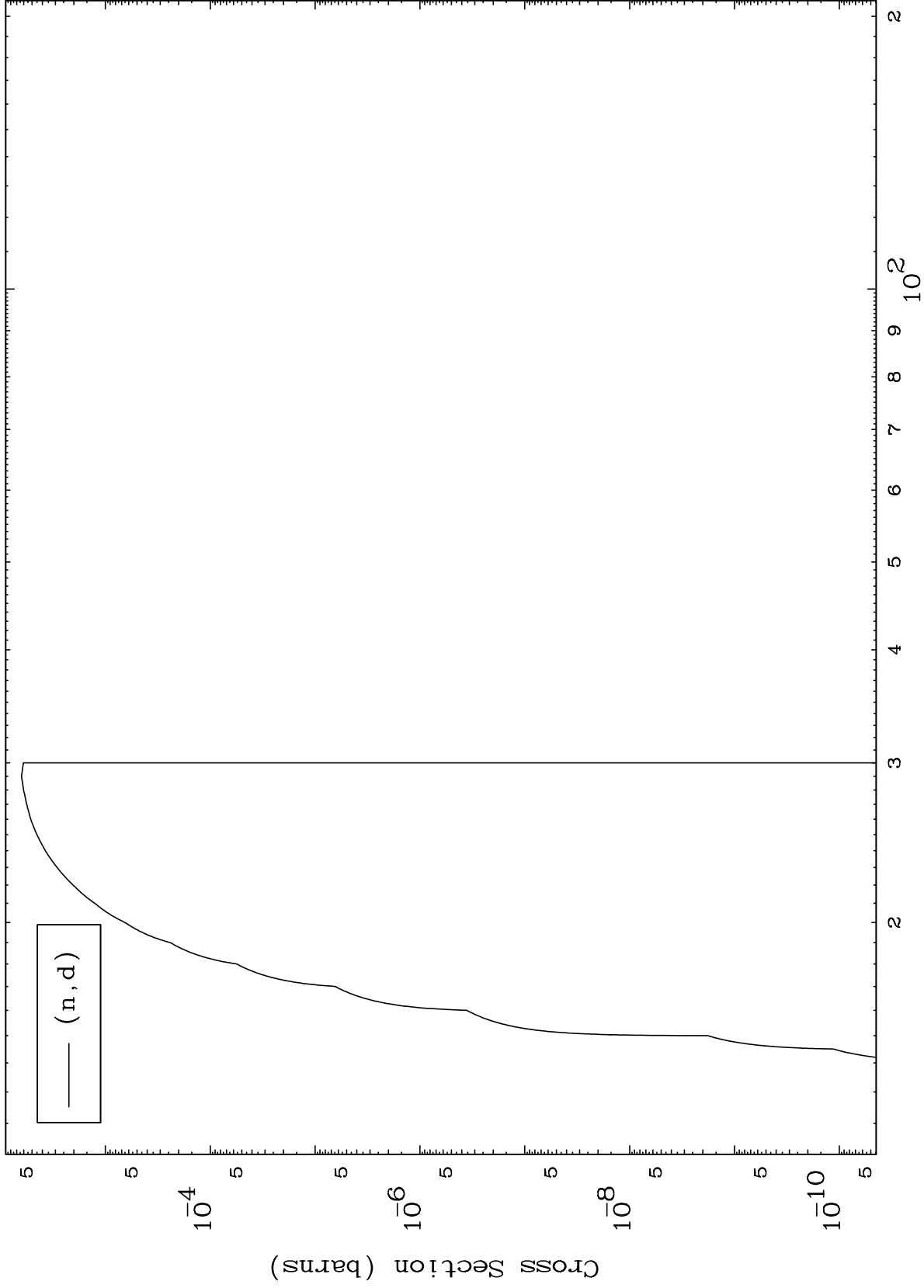
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-129



10

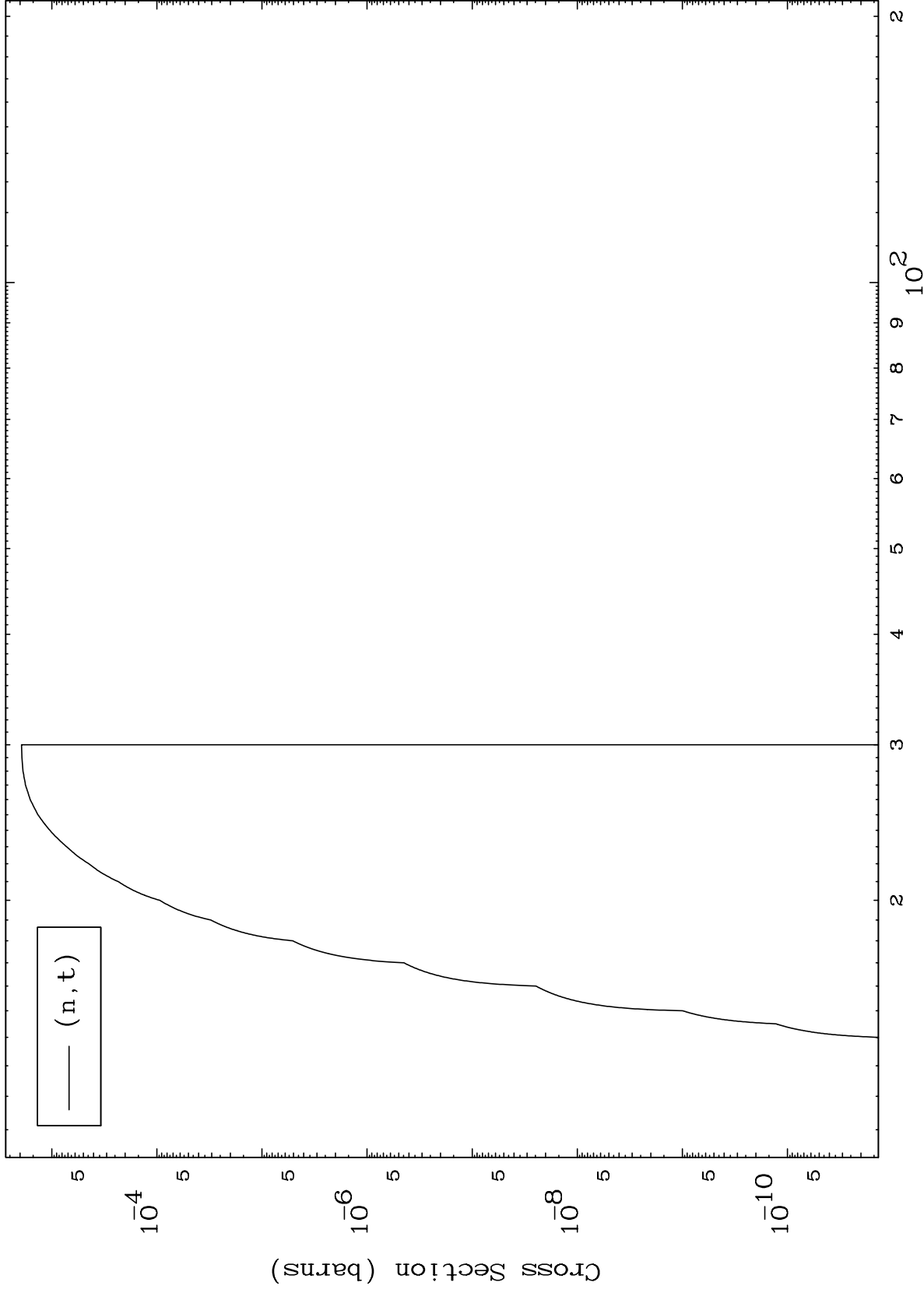
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-129



11

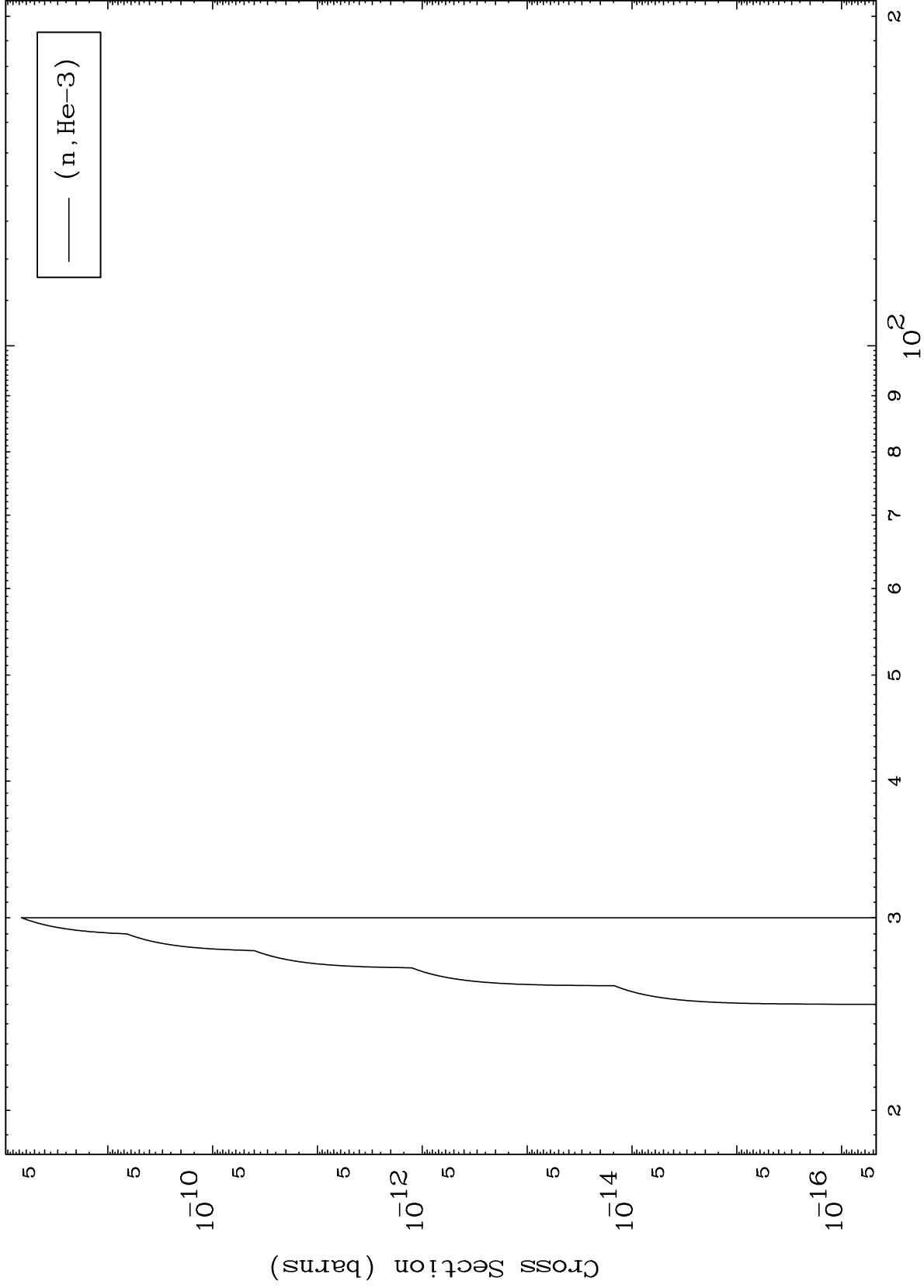
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-129



12

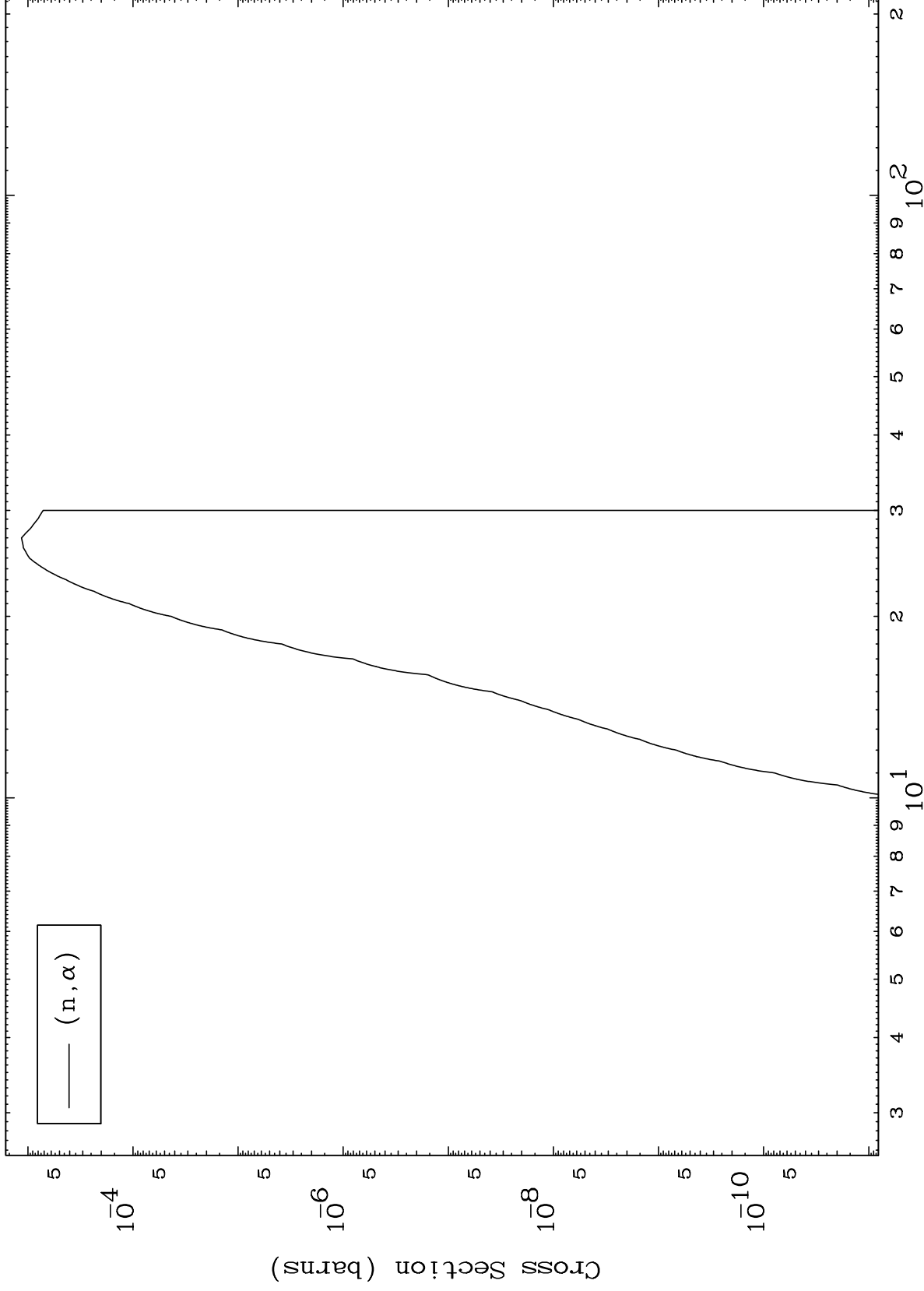
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n, α) Levels
293 Kelvin Cross Sections

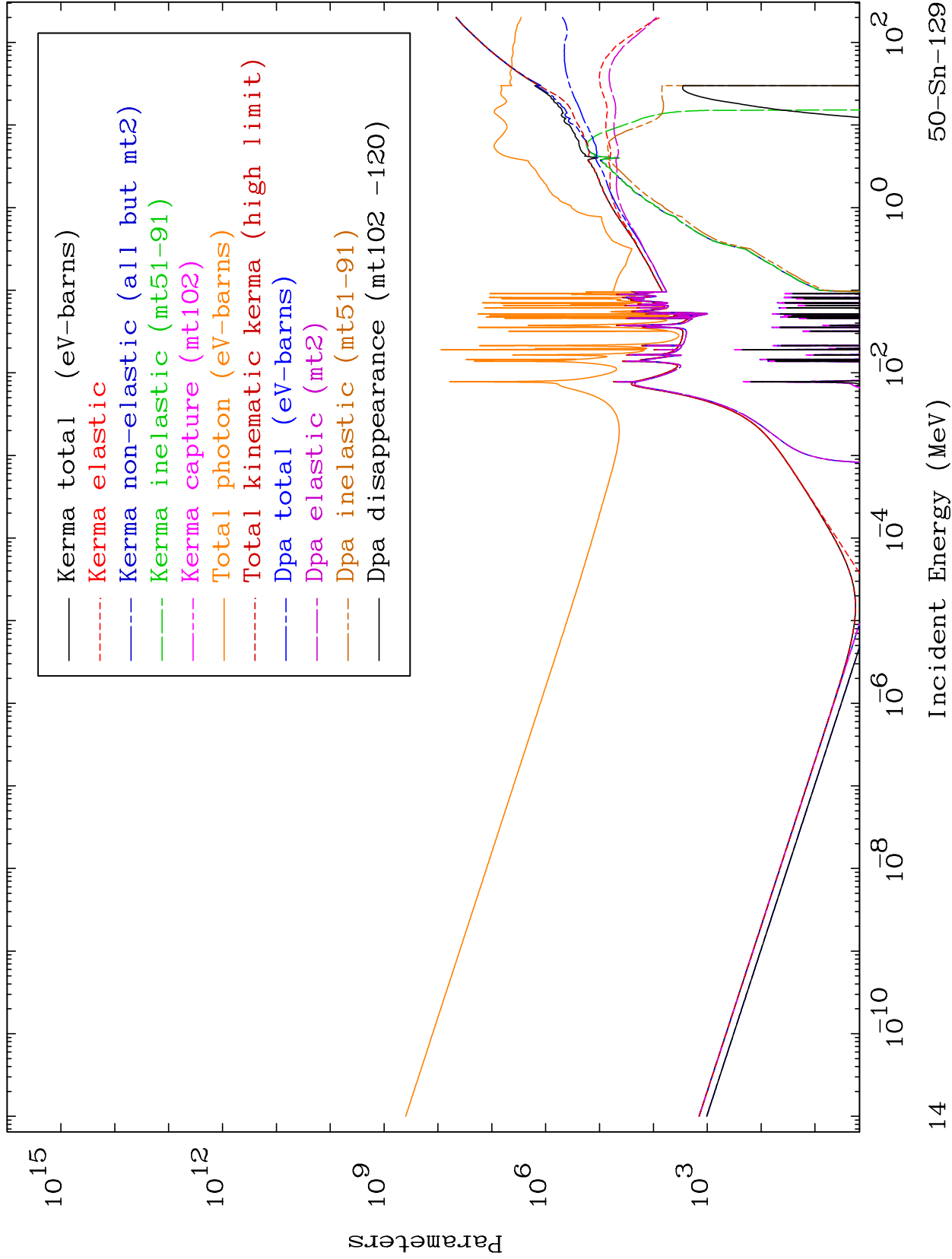
50-Sn-129

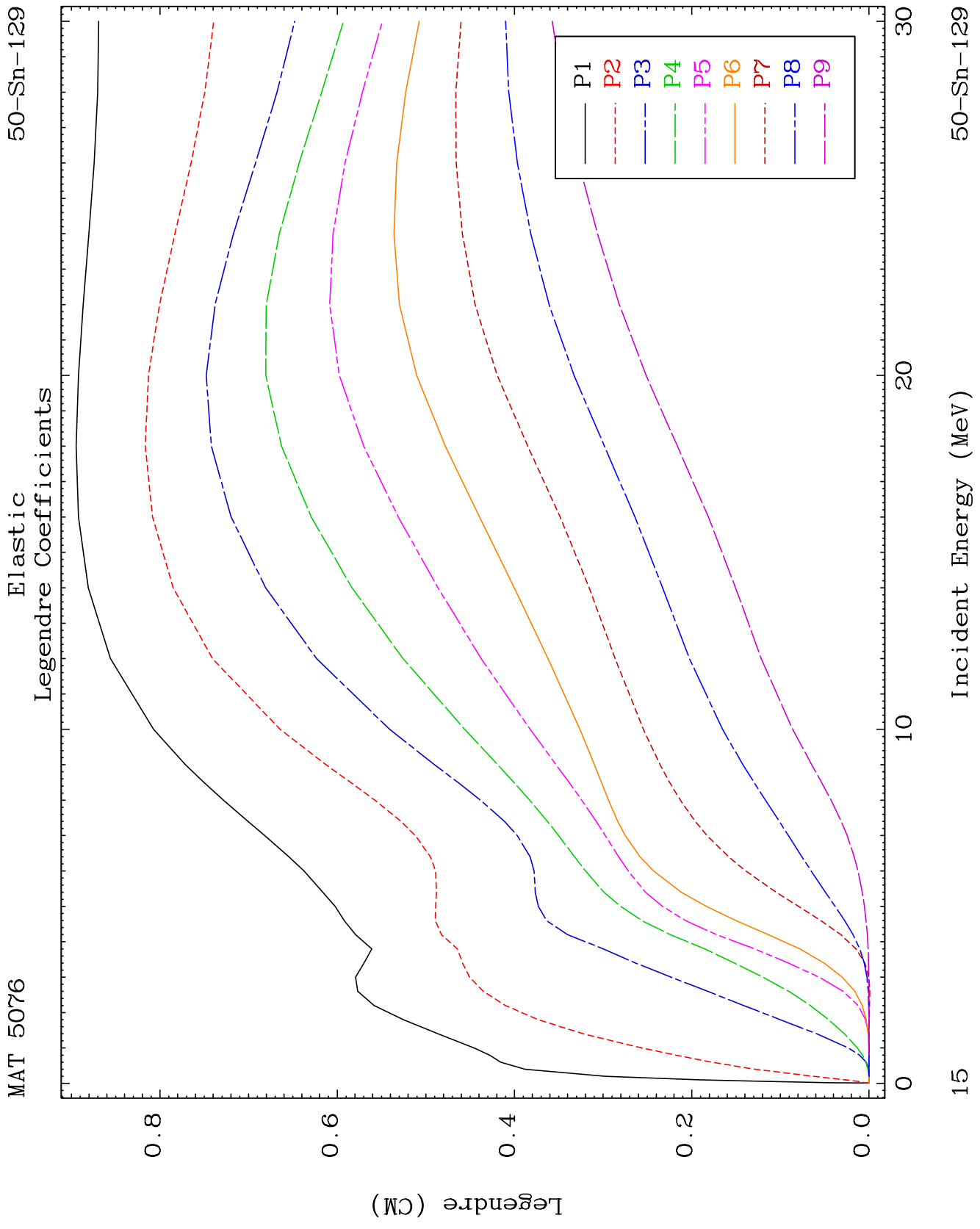


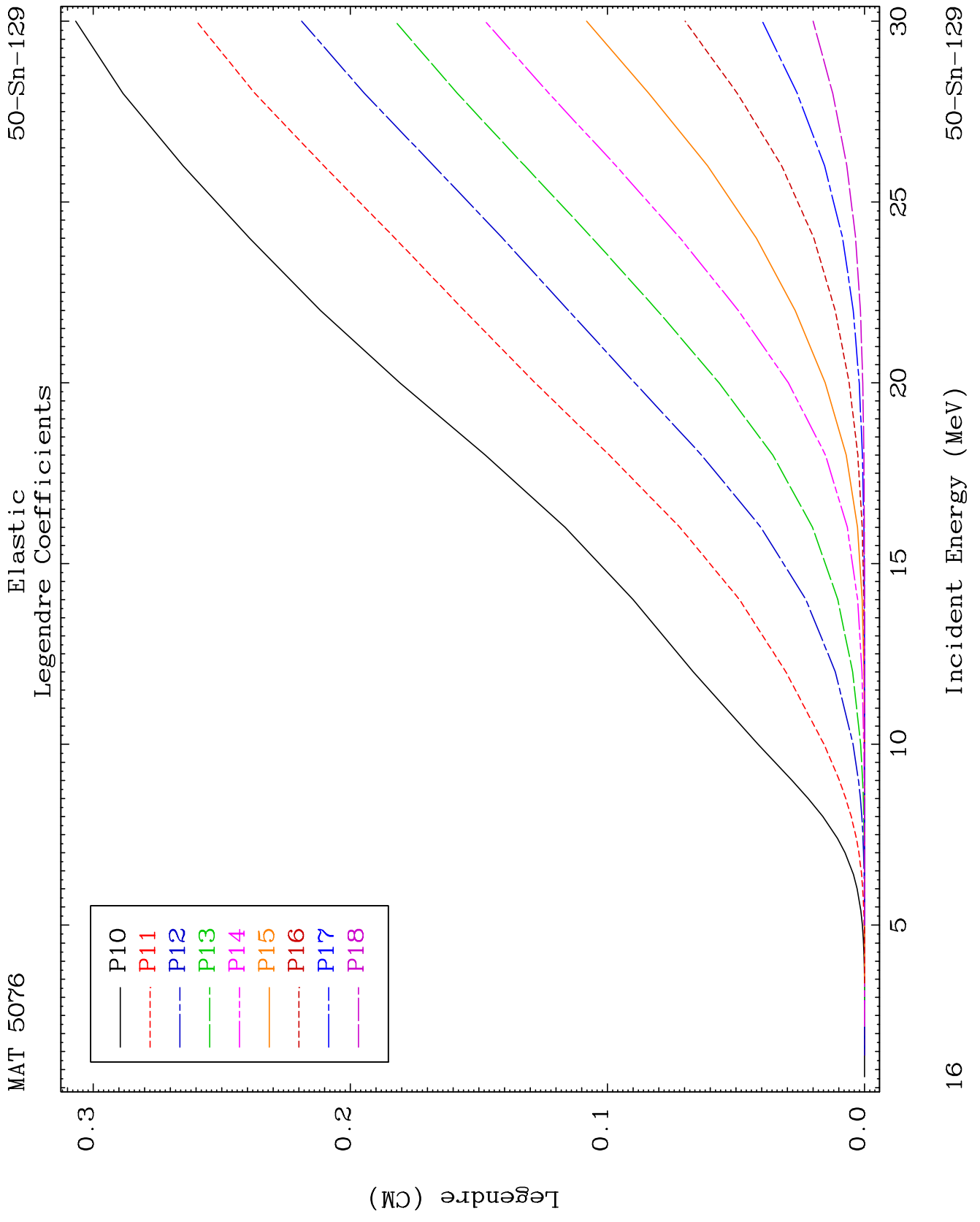
13

Incident Energy (MeV)

50-Sn-129



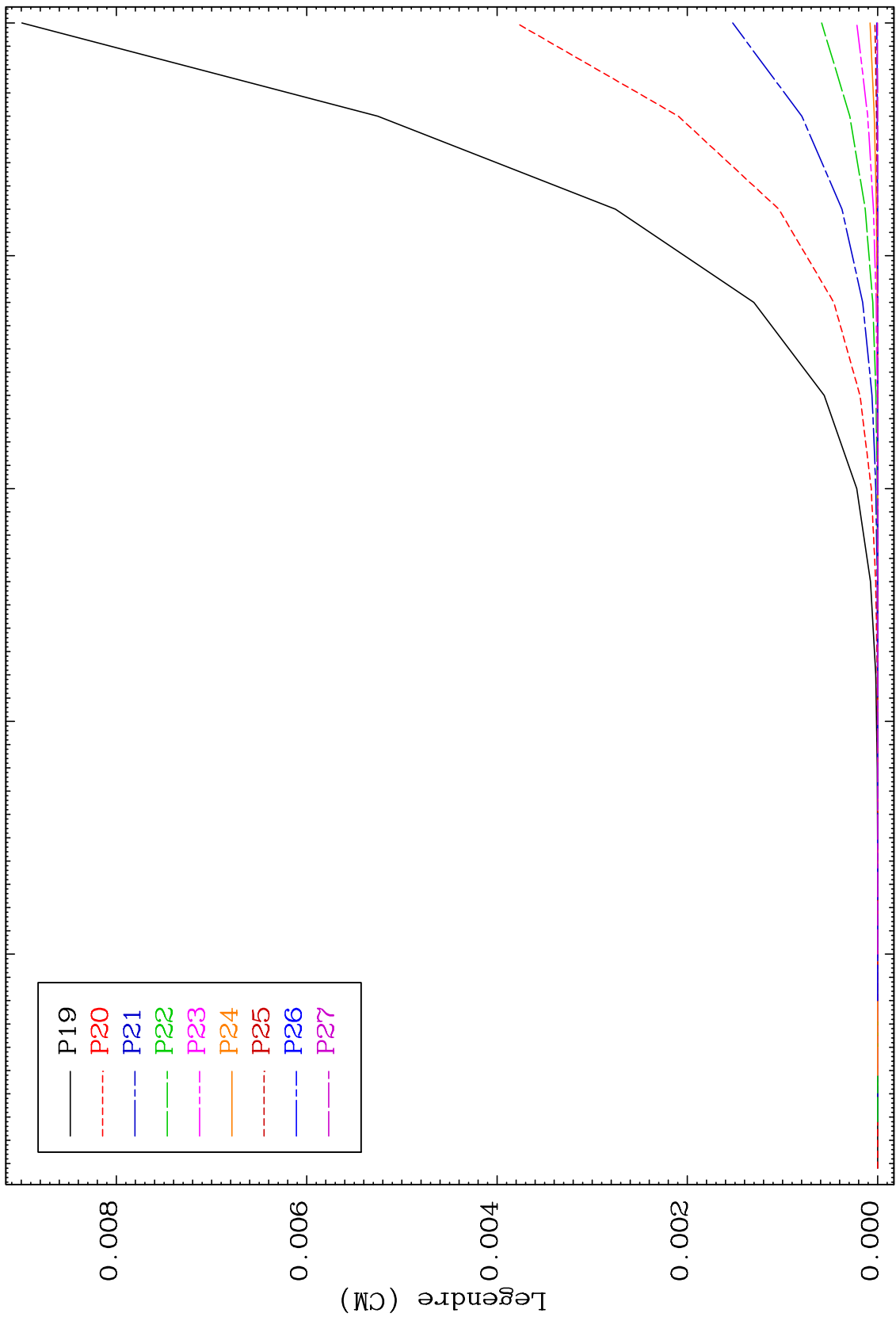




MAT 5076

Elastic Legendre Coefficients

50-Sn-129



17

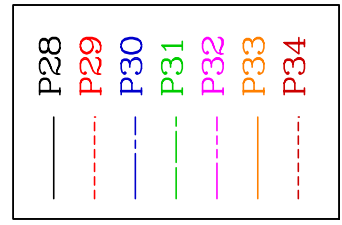
50-Sn-129

Incident Energy (MeV)

MAT 5076

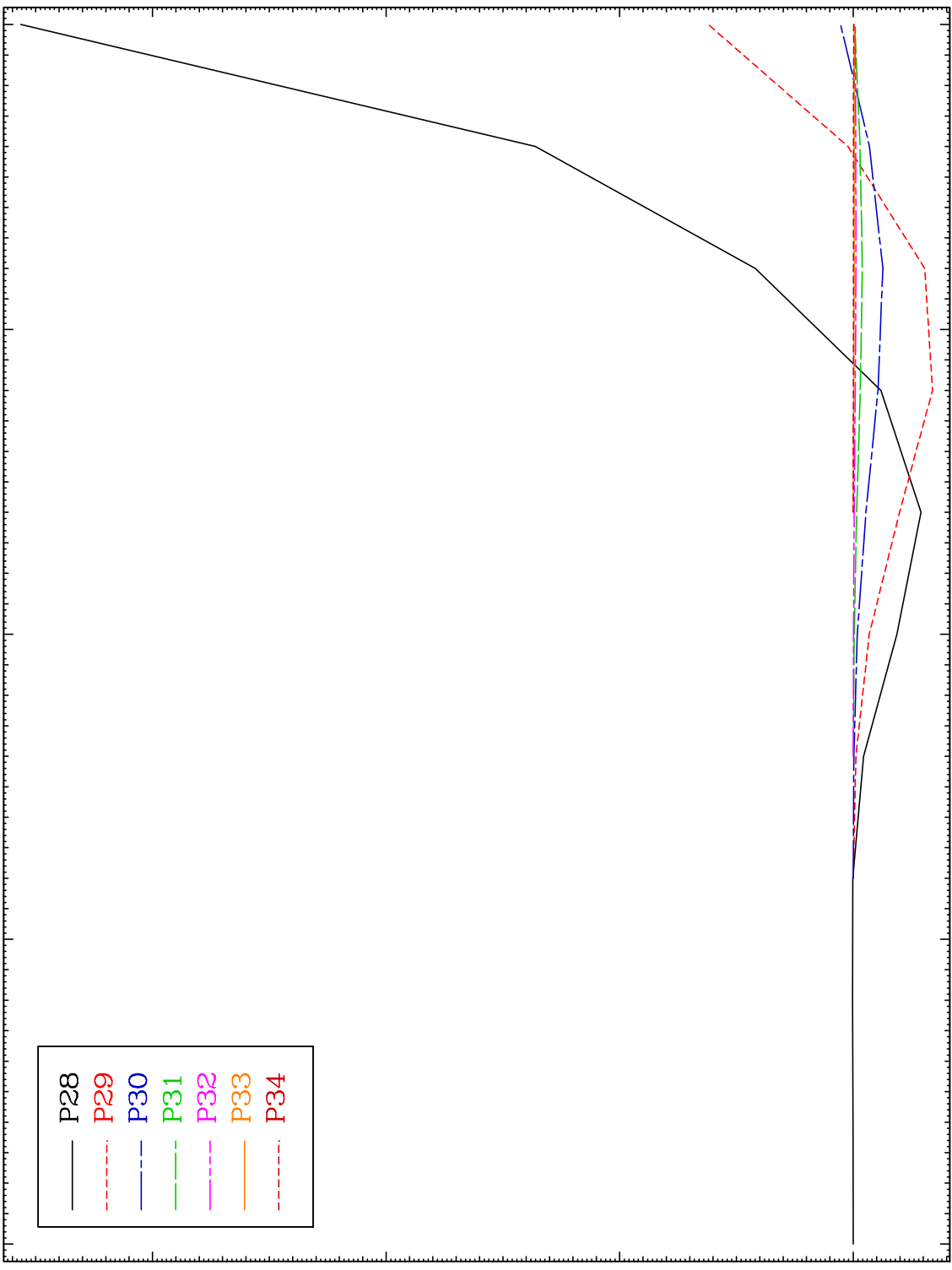
Elastic
Legendre Coefficients

50-Sn-129



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

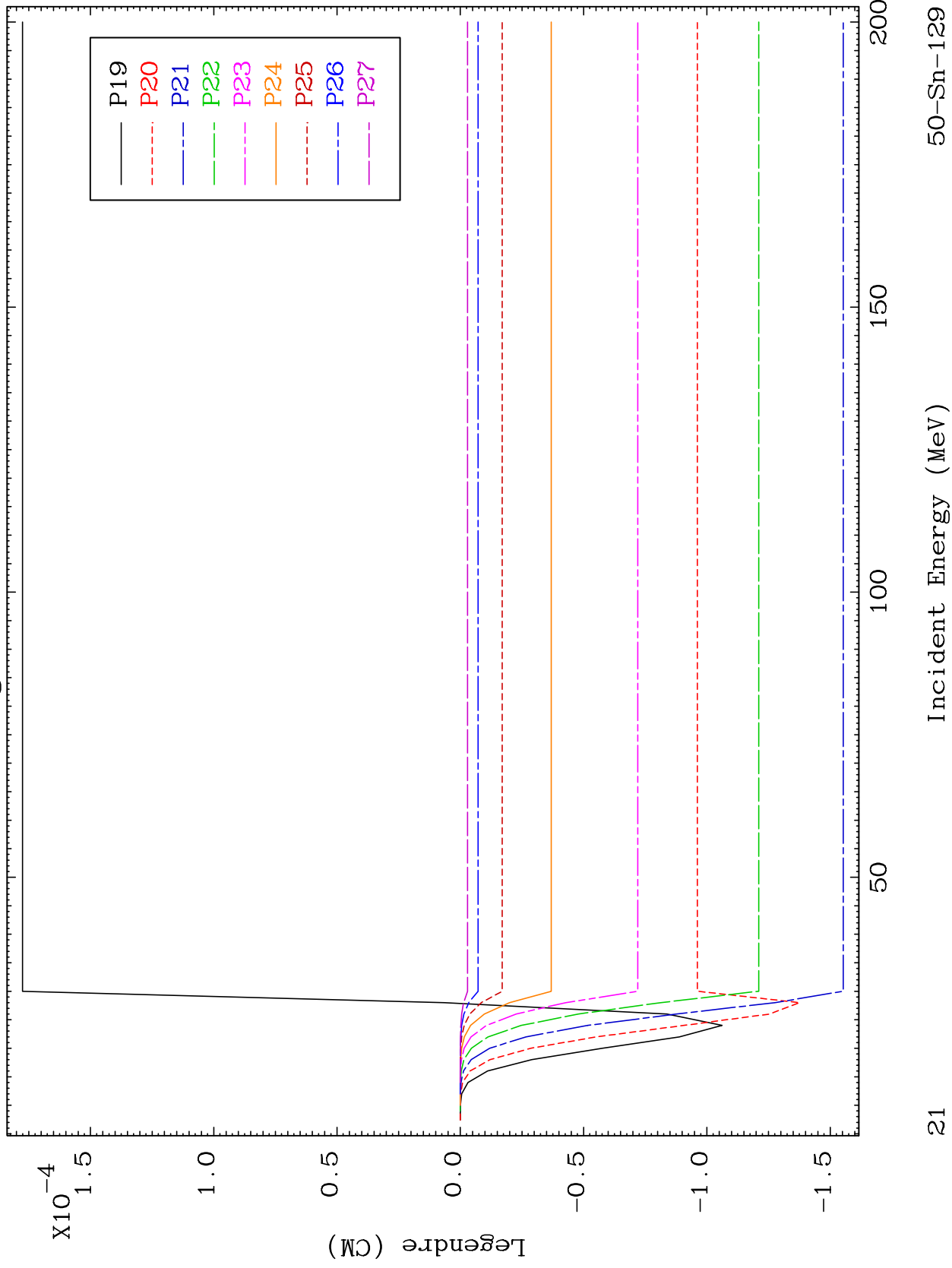
Incident Energy (MeV)

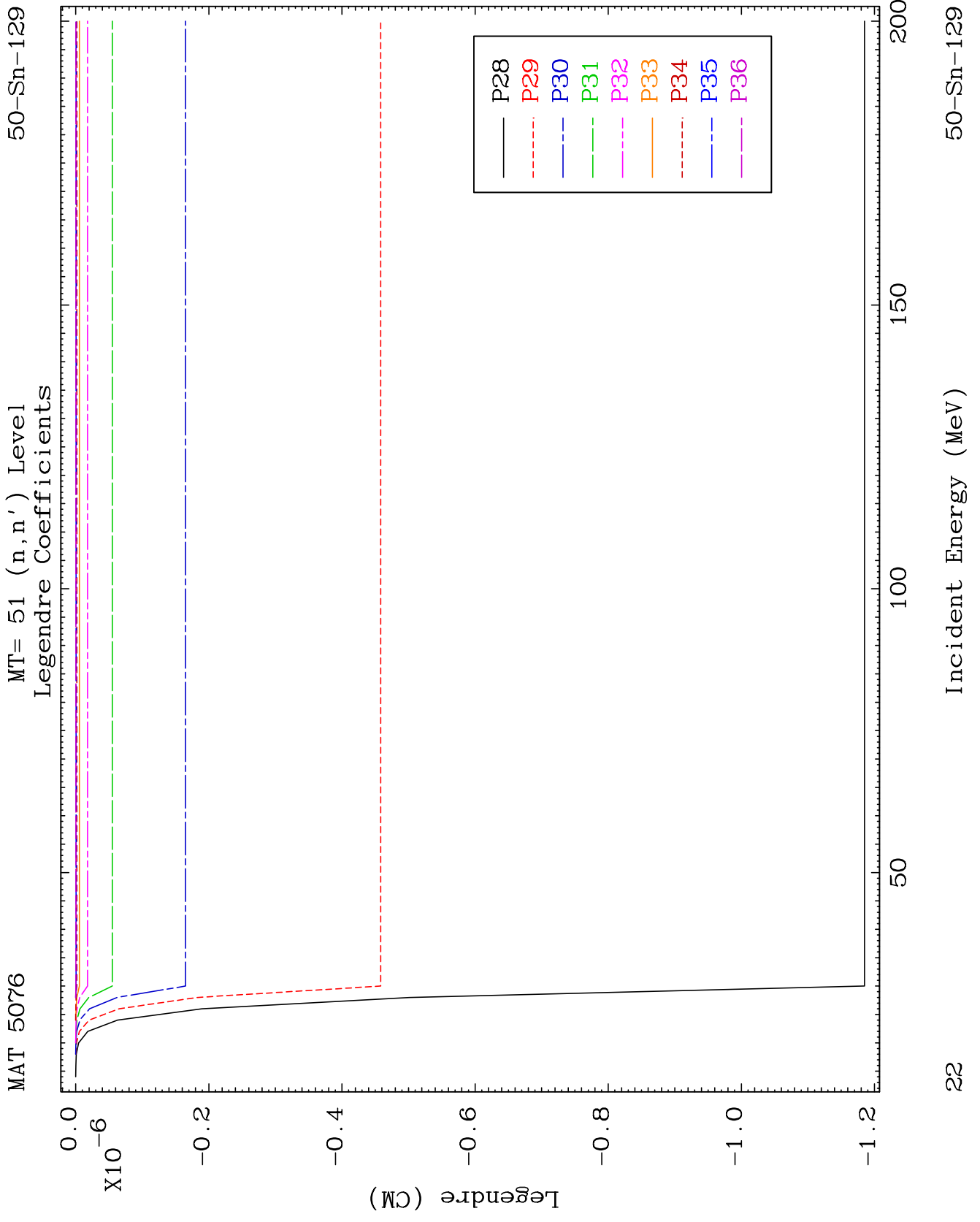
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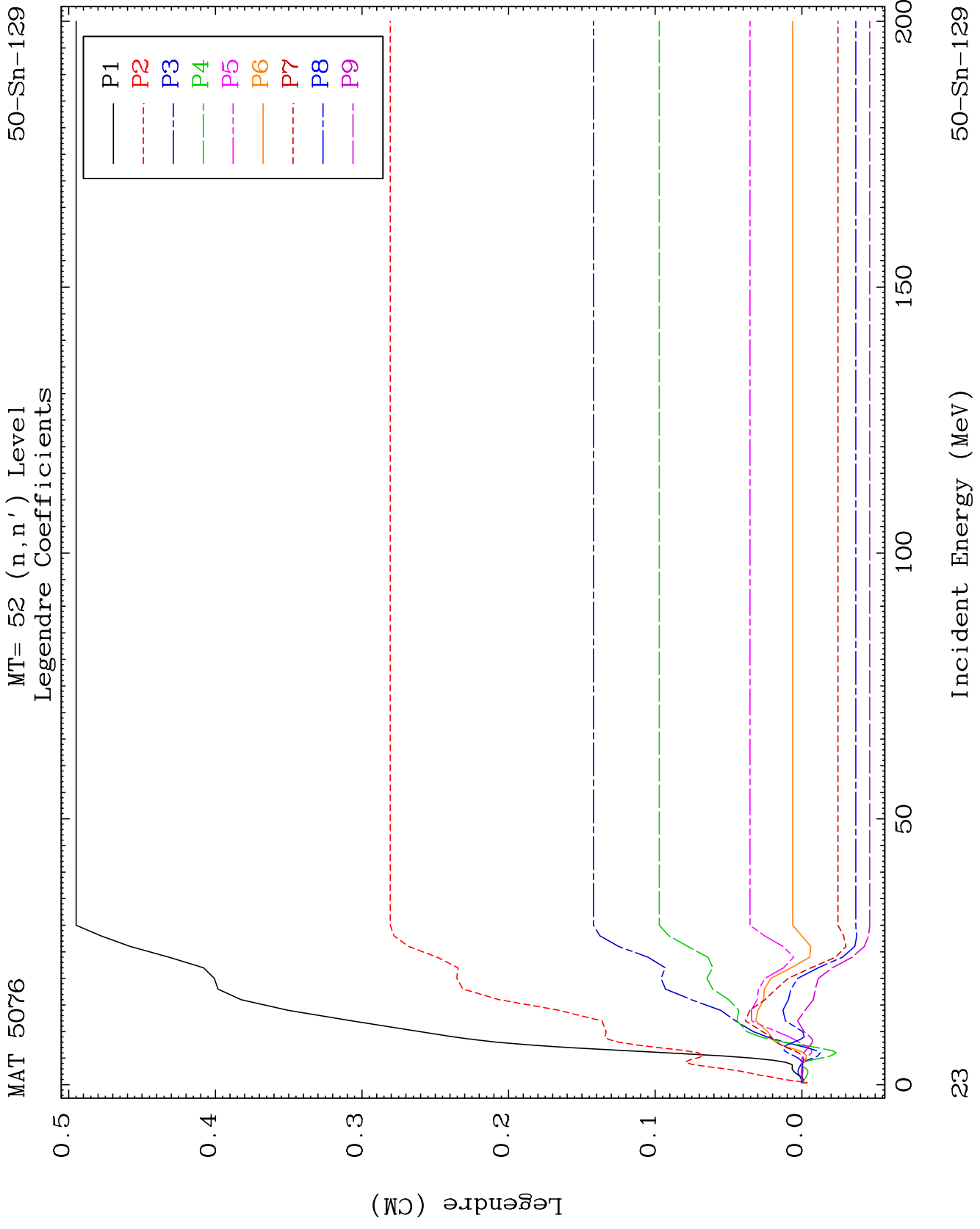
MAT 5076

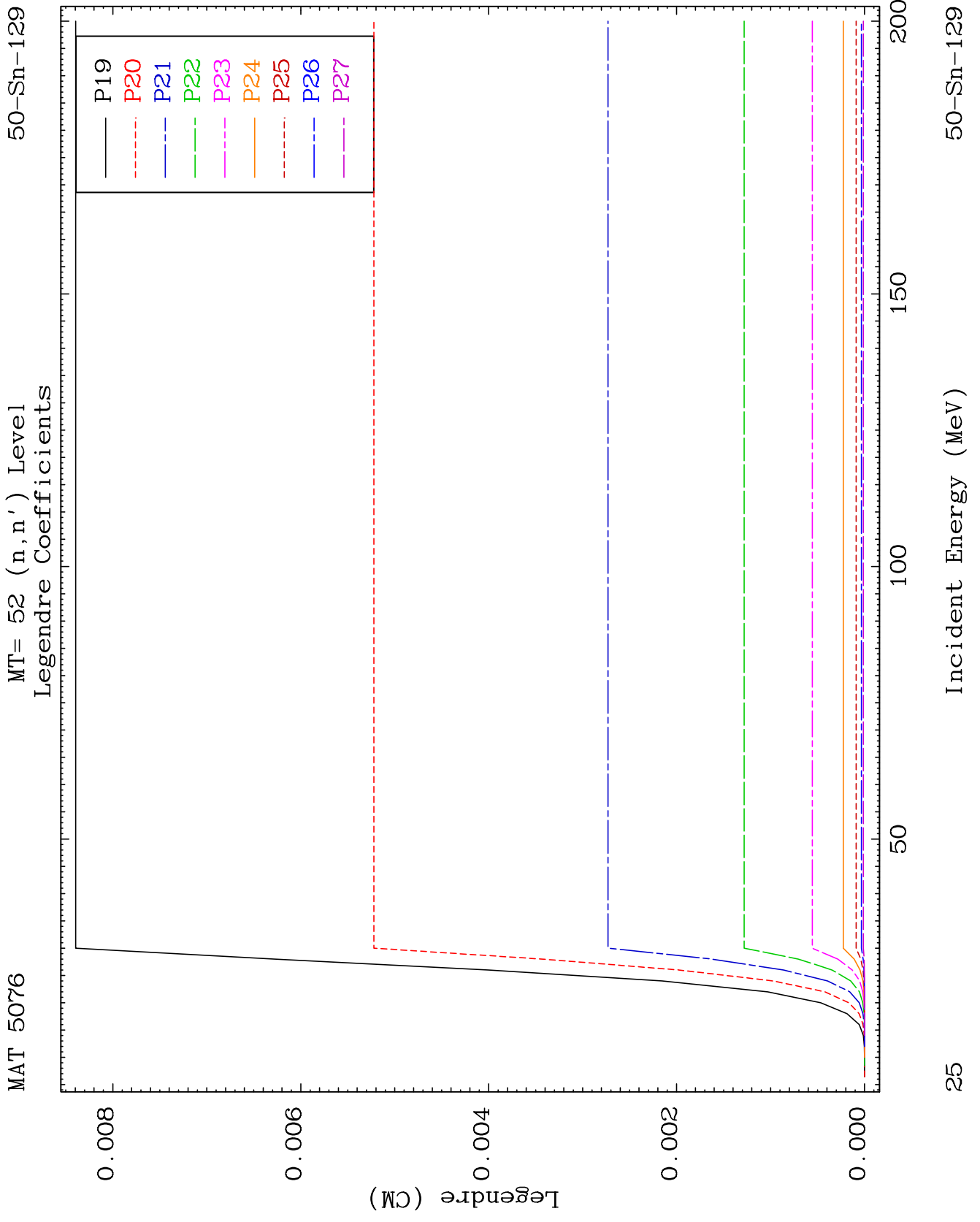
MT= 51 (n,n') Level
Legendre Coefficients

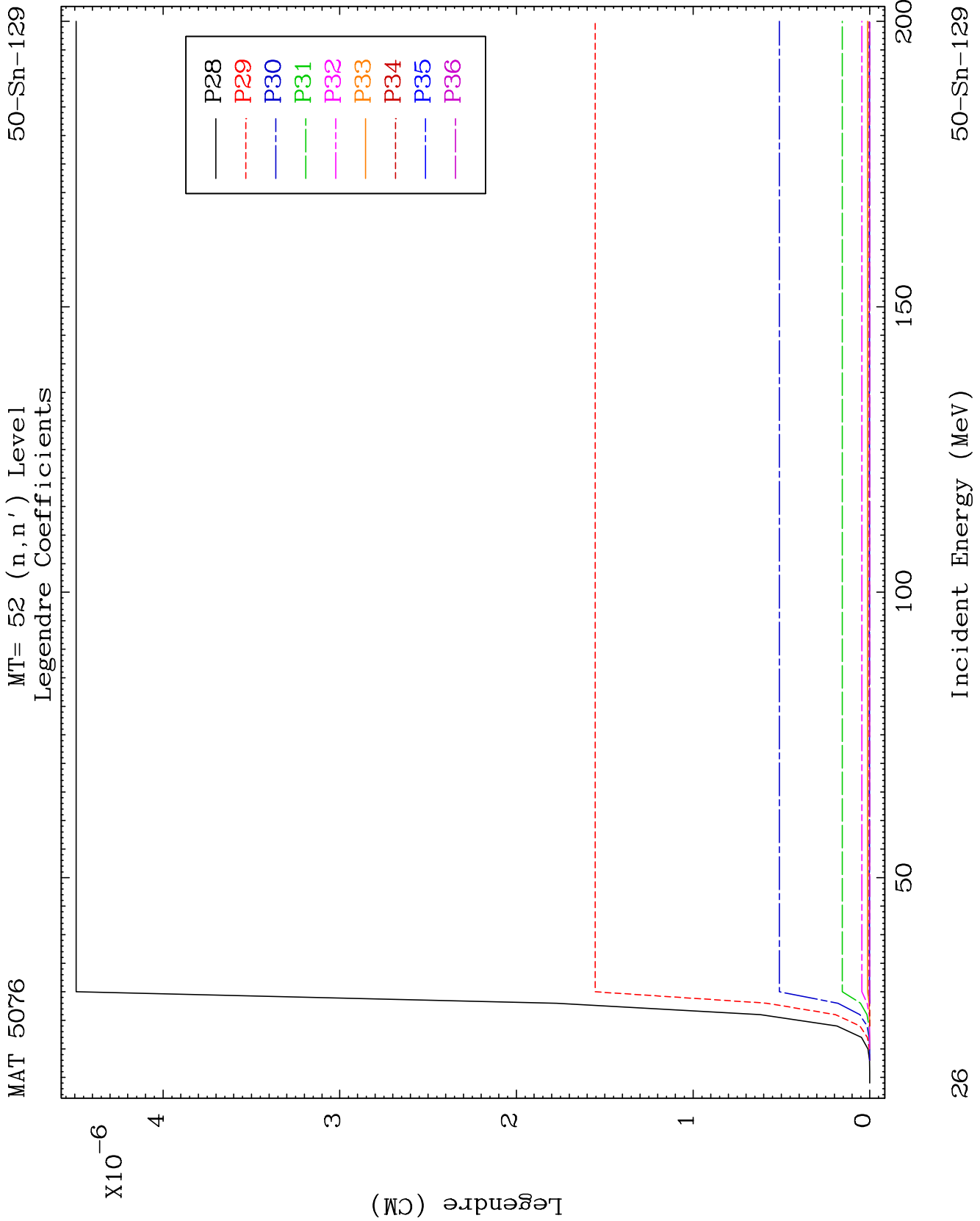
50-Sn-129

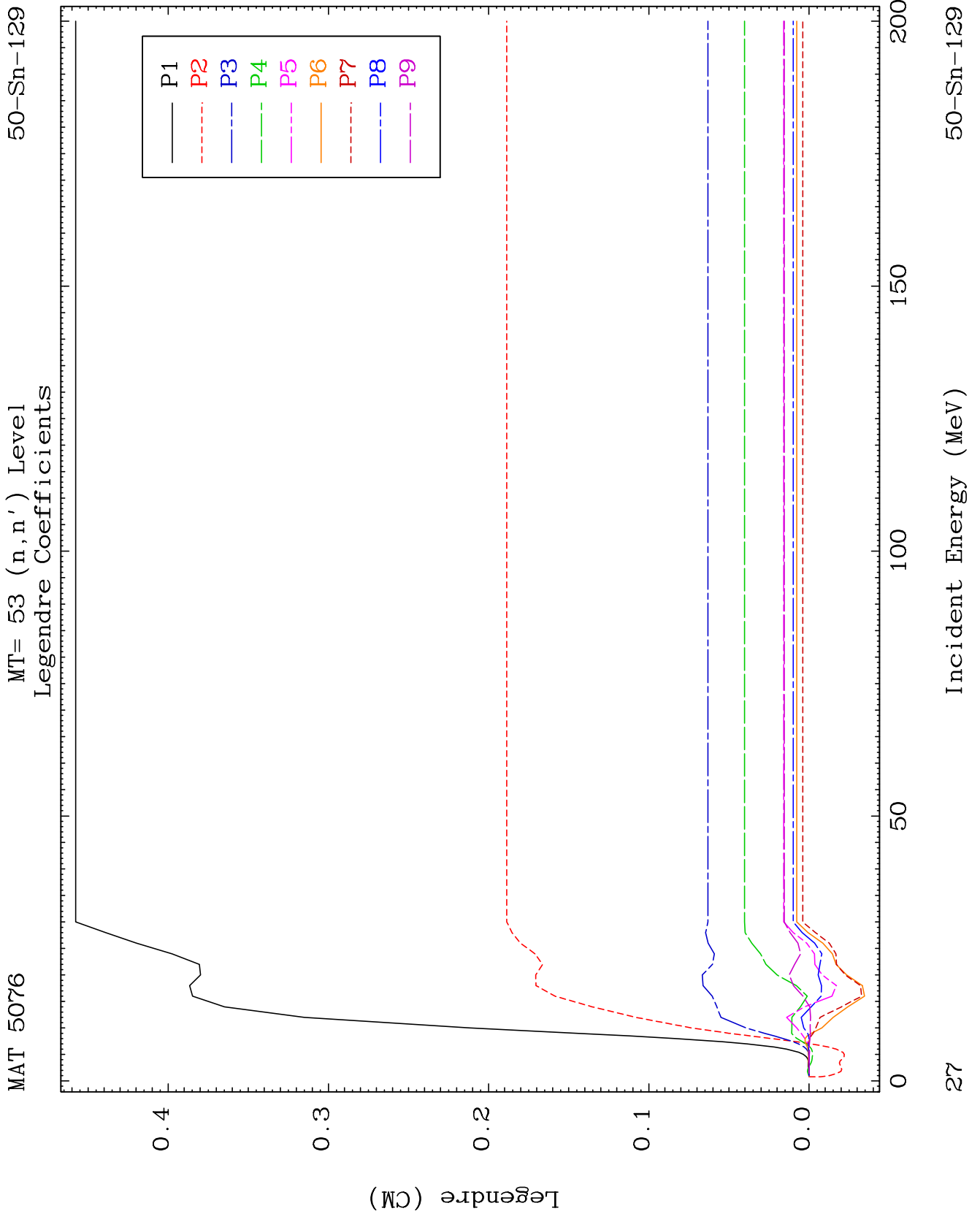








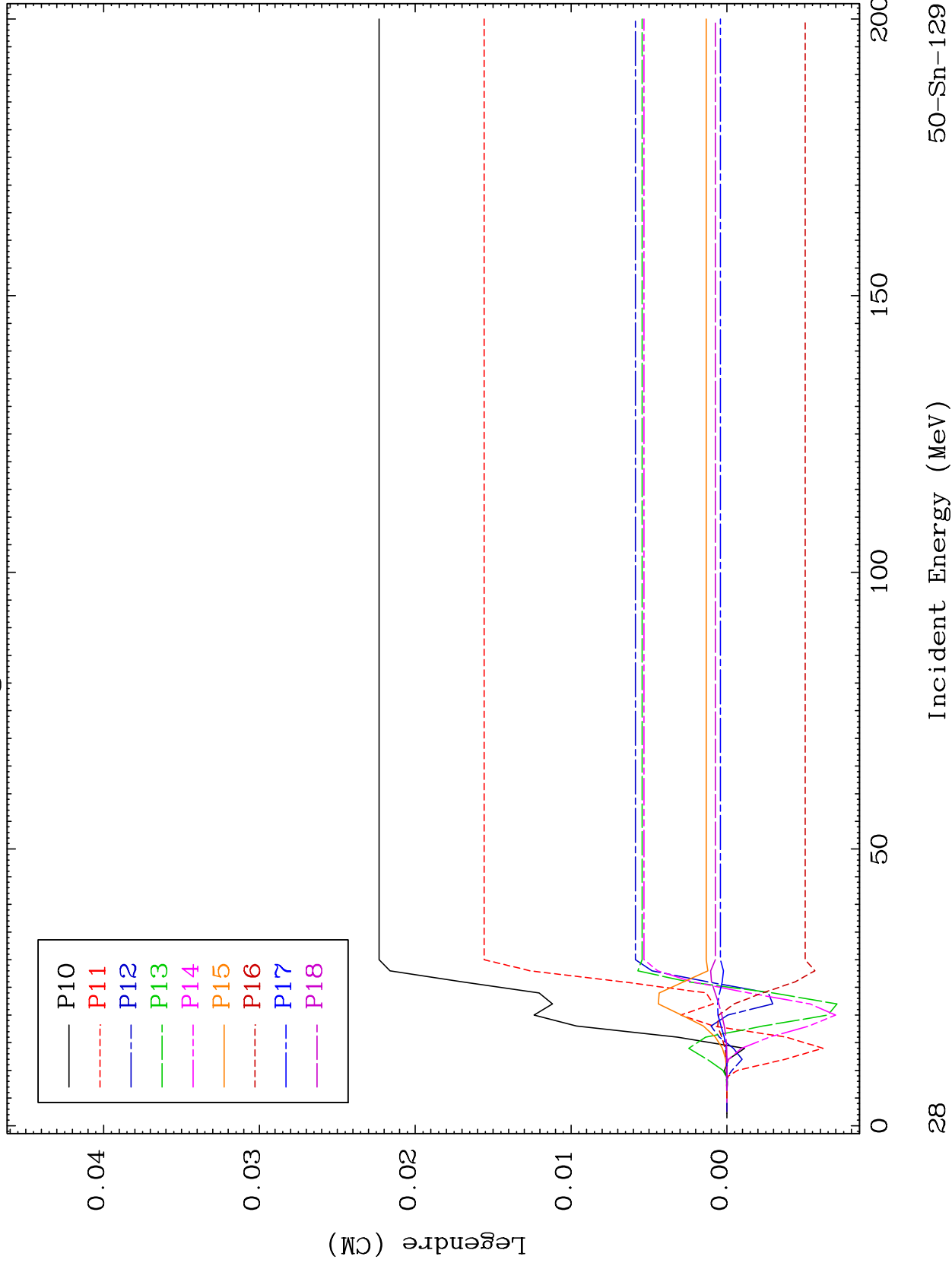




MAT 5076

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

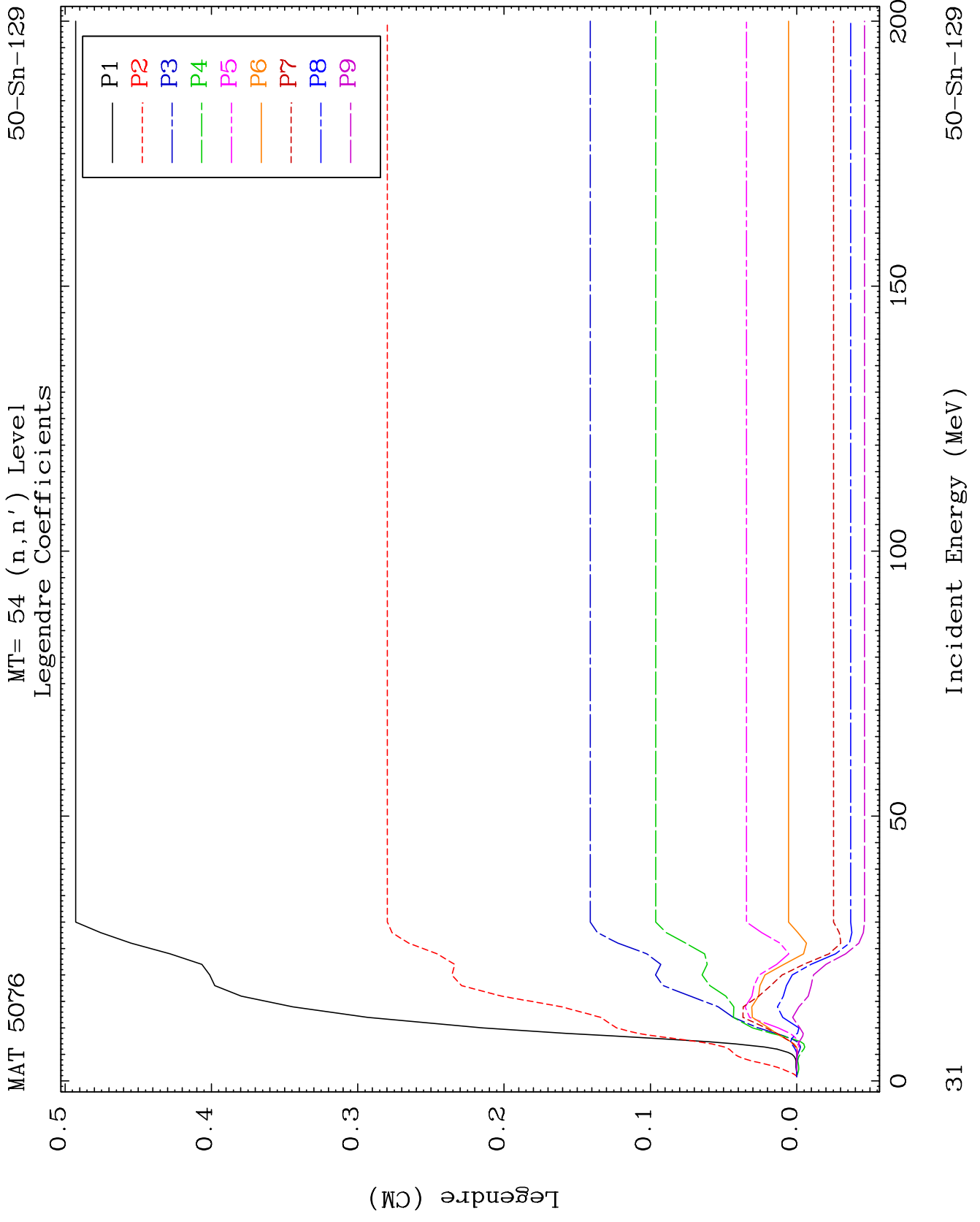
50-Sn-129

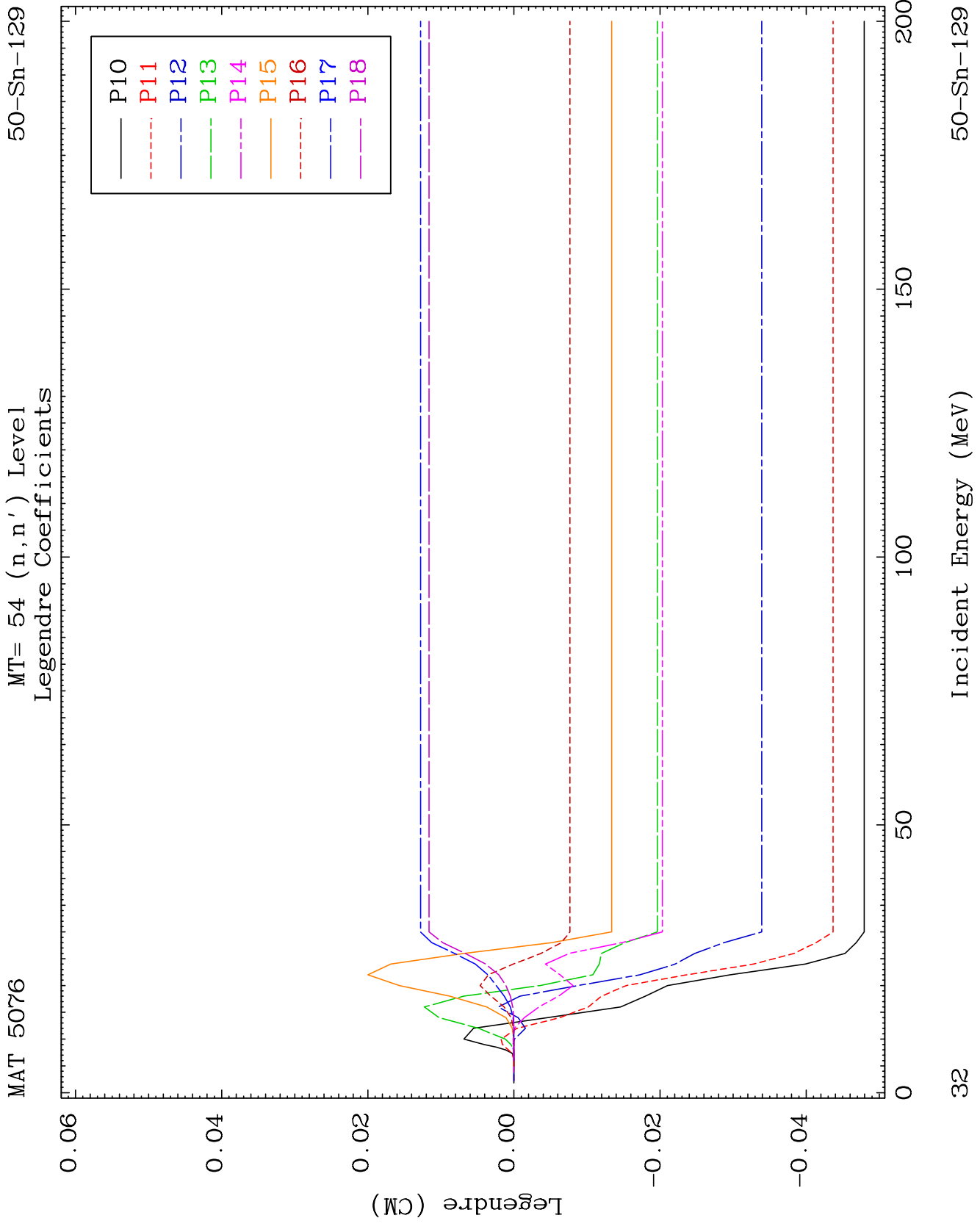


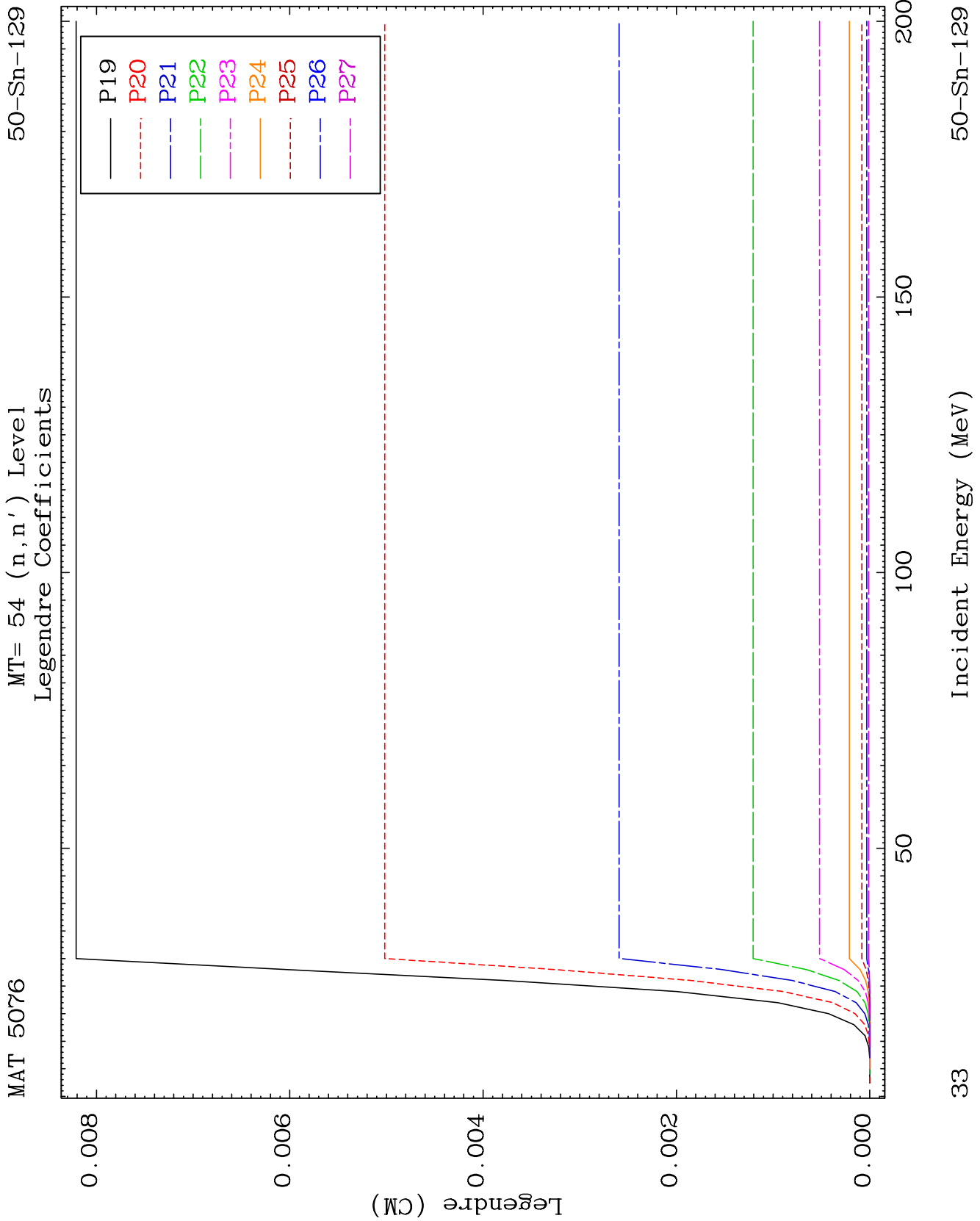
50-Sn-129

Incident Energy (MeV)

28



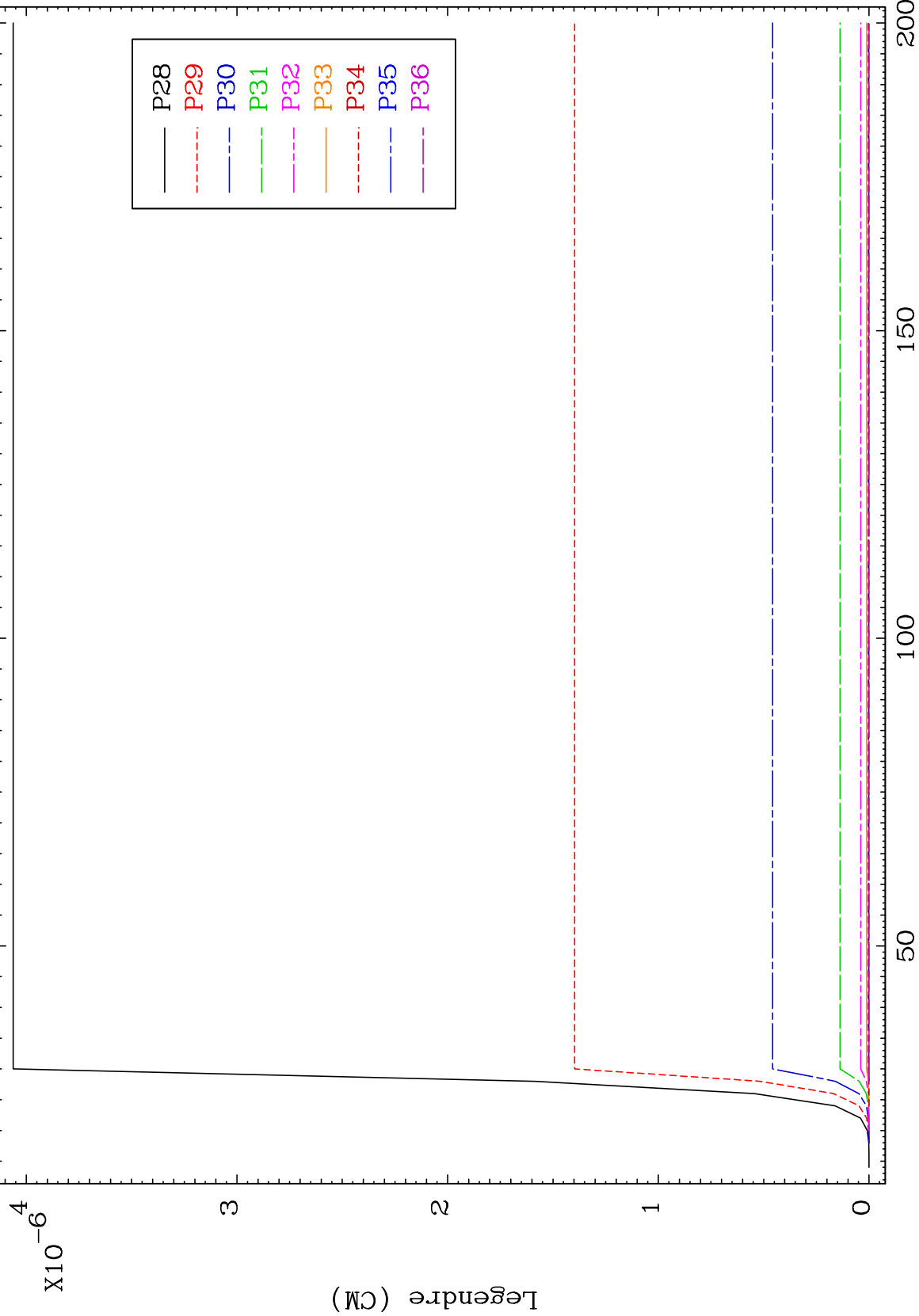




MAT 5076

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

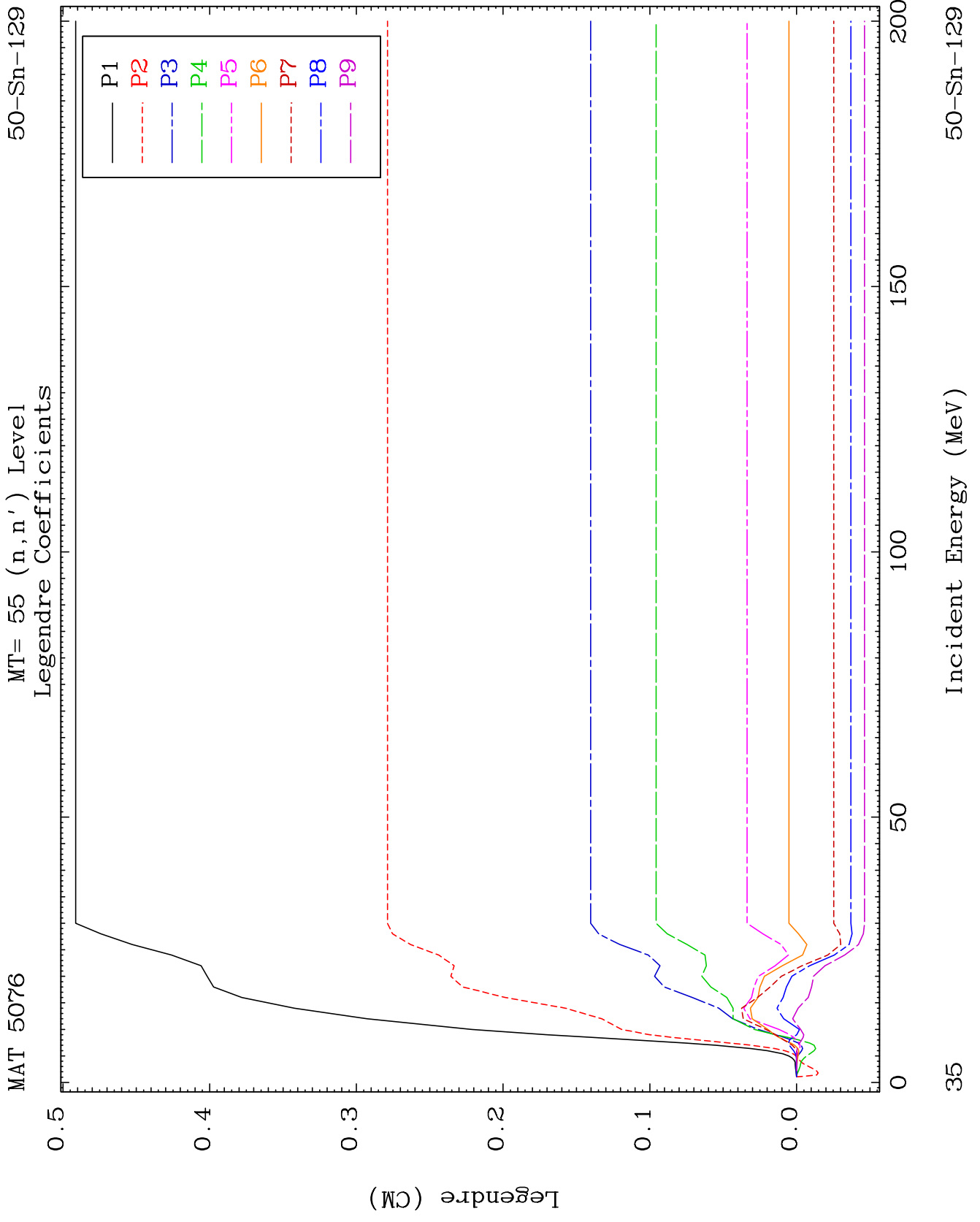
50-Sn-129

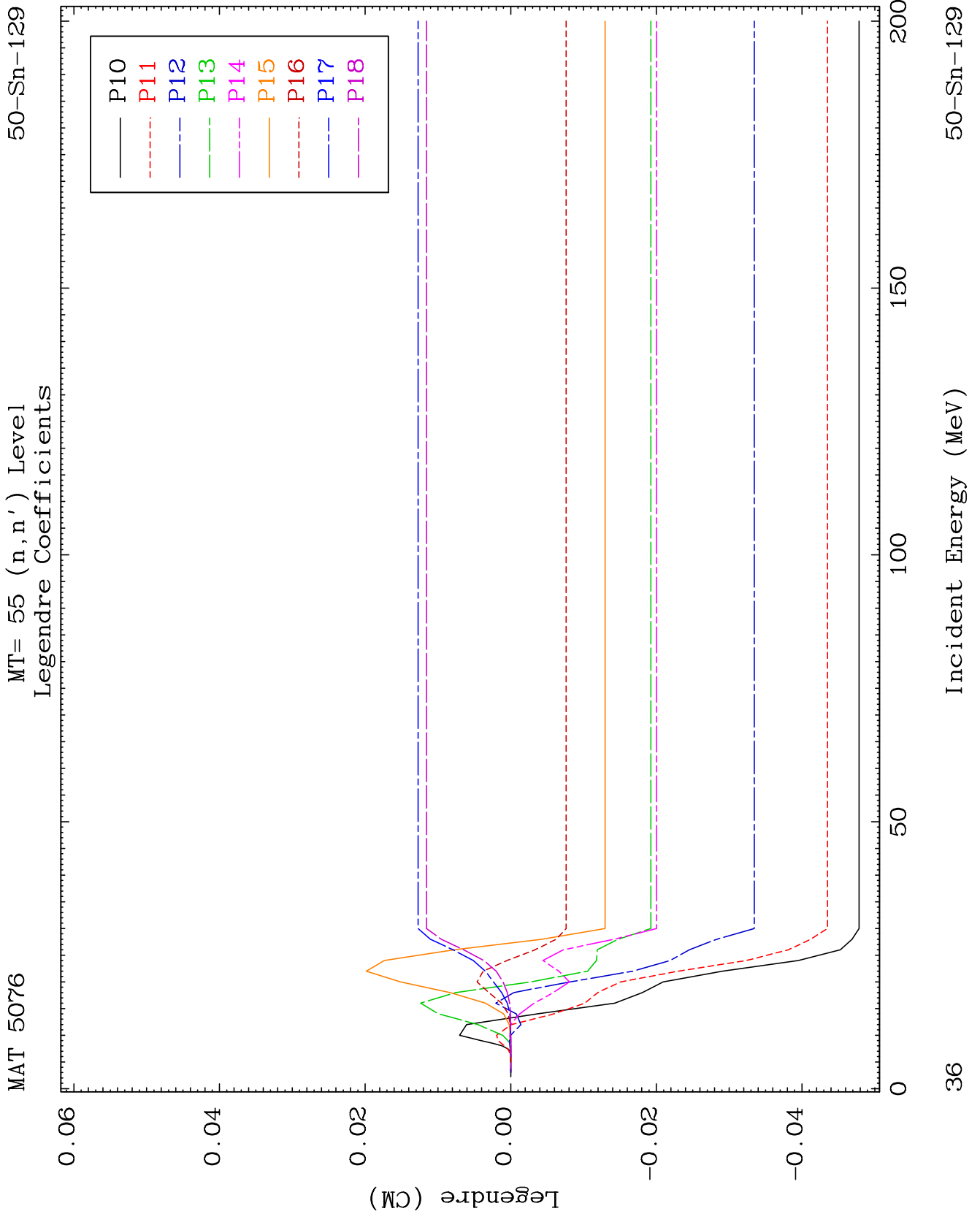


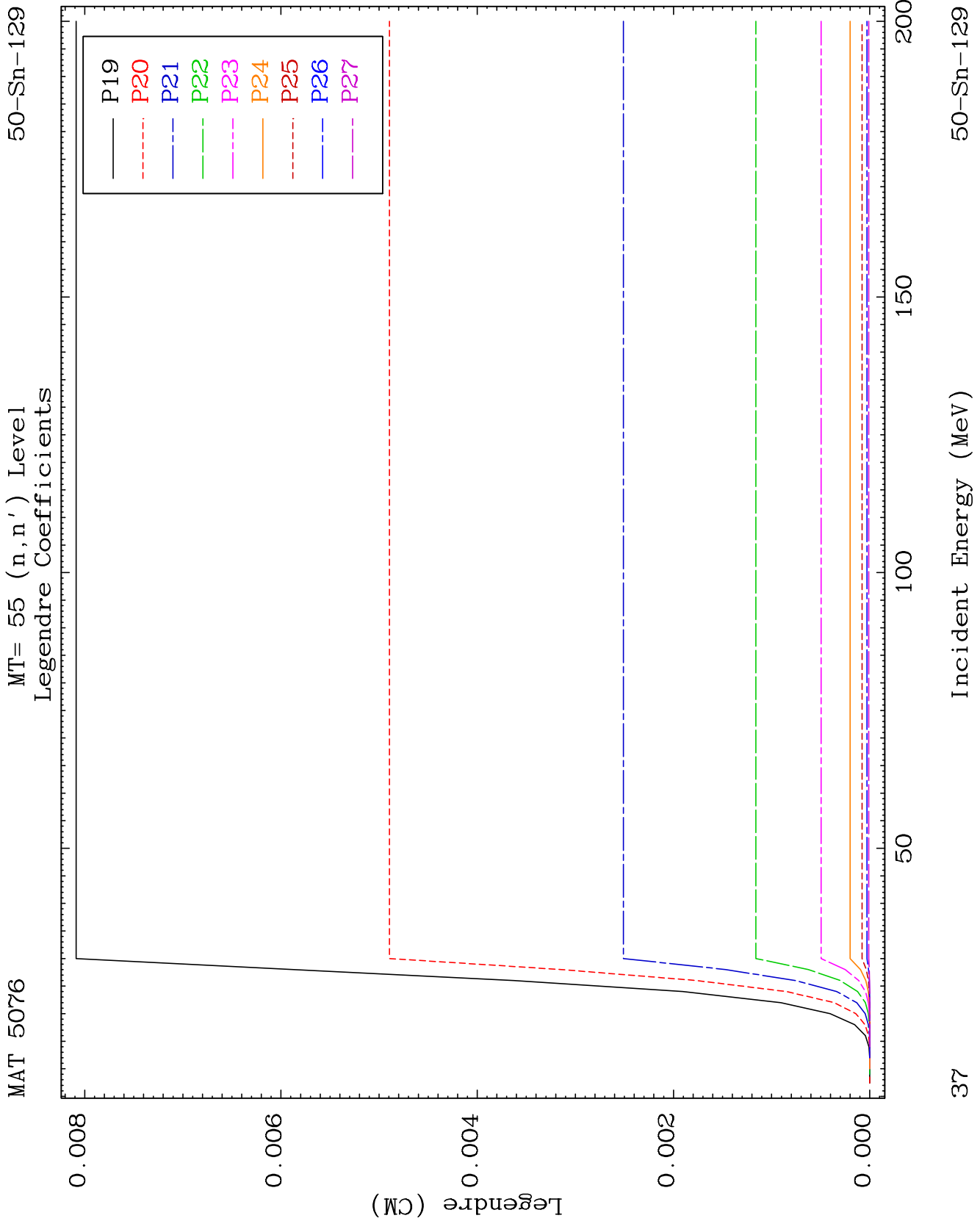
34

Incident Energy (MeV)

50-Sn-129



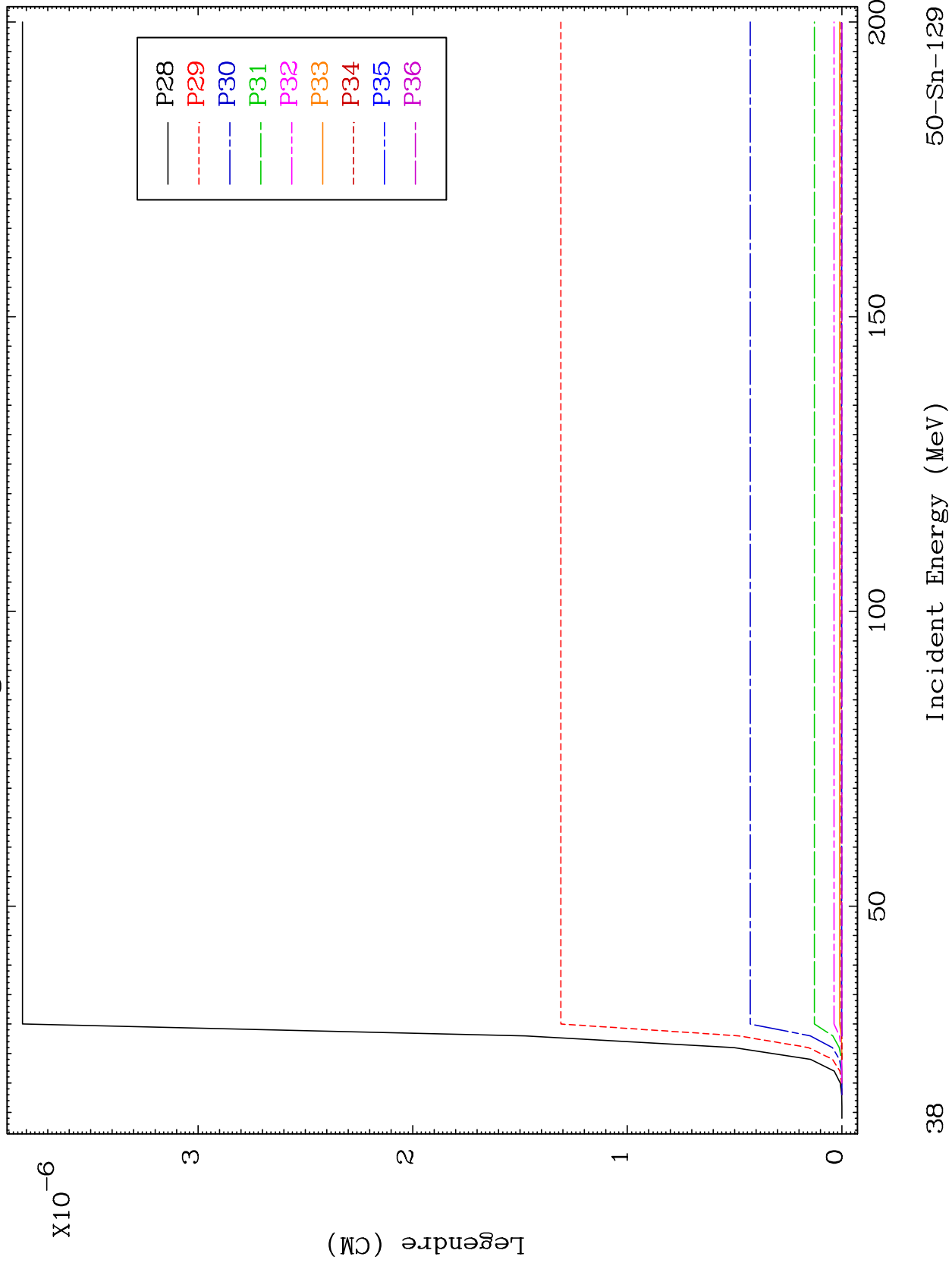




MAT 5076

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

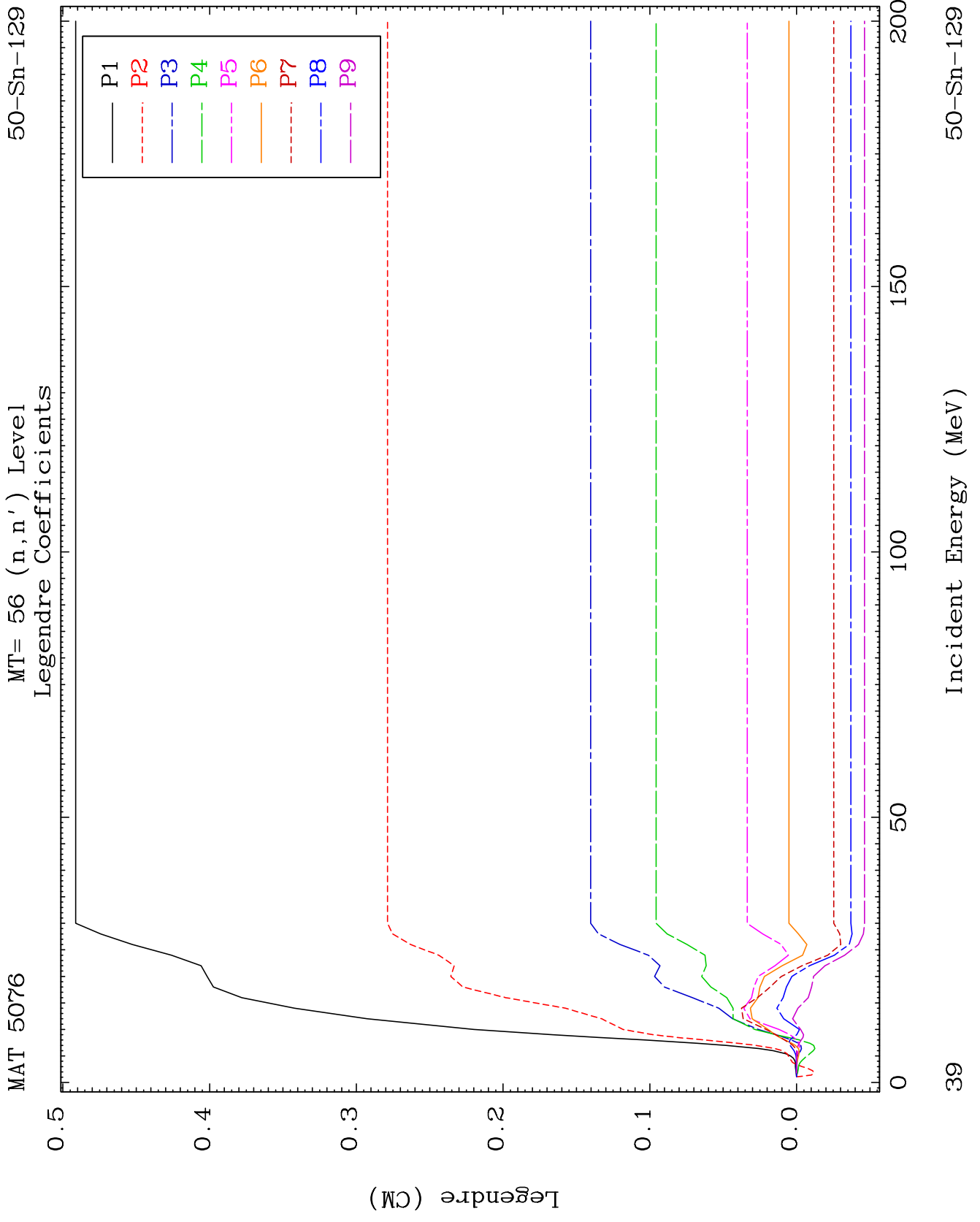
50-Sn-129

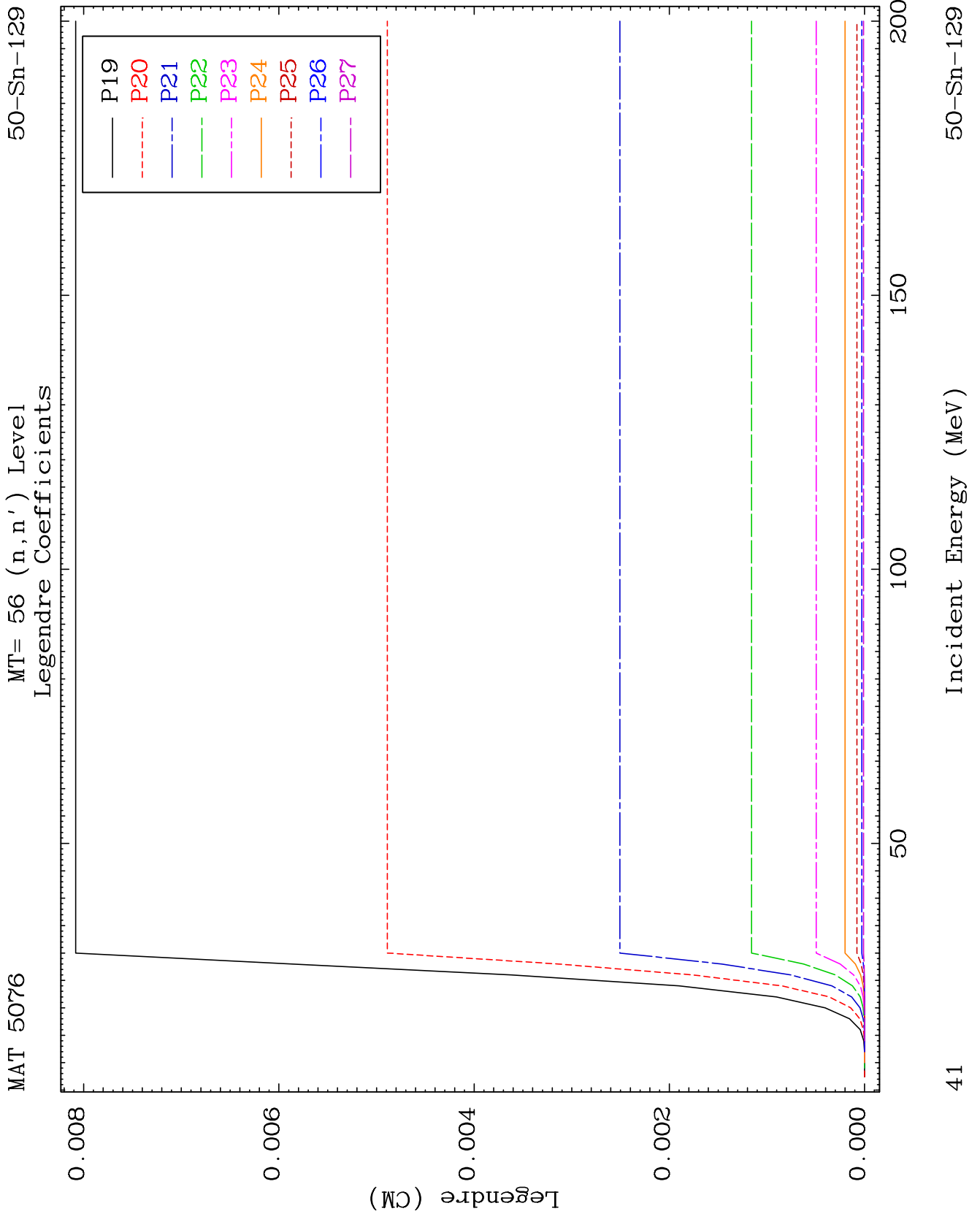


38

Incident Energy (MeV)

50-Sn-129

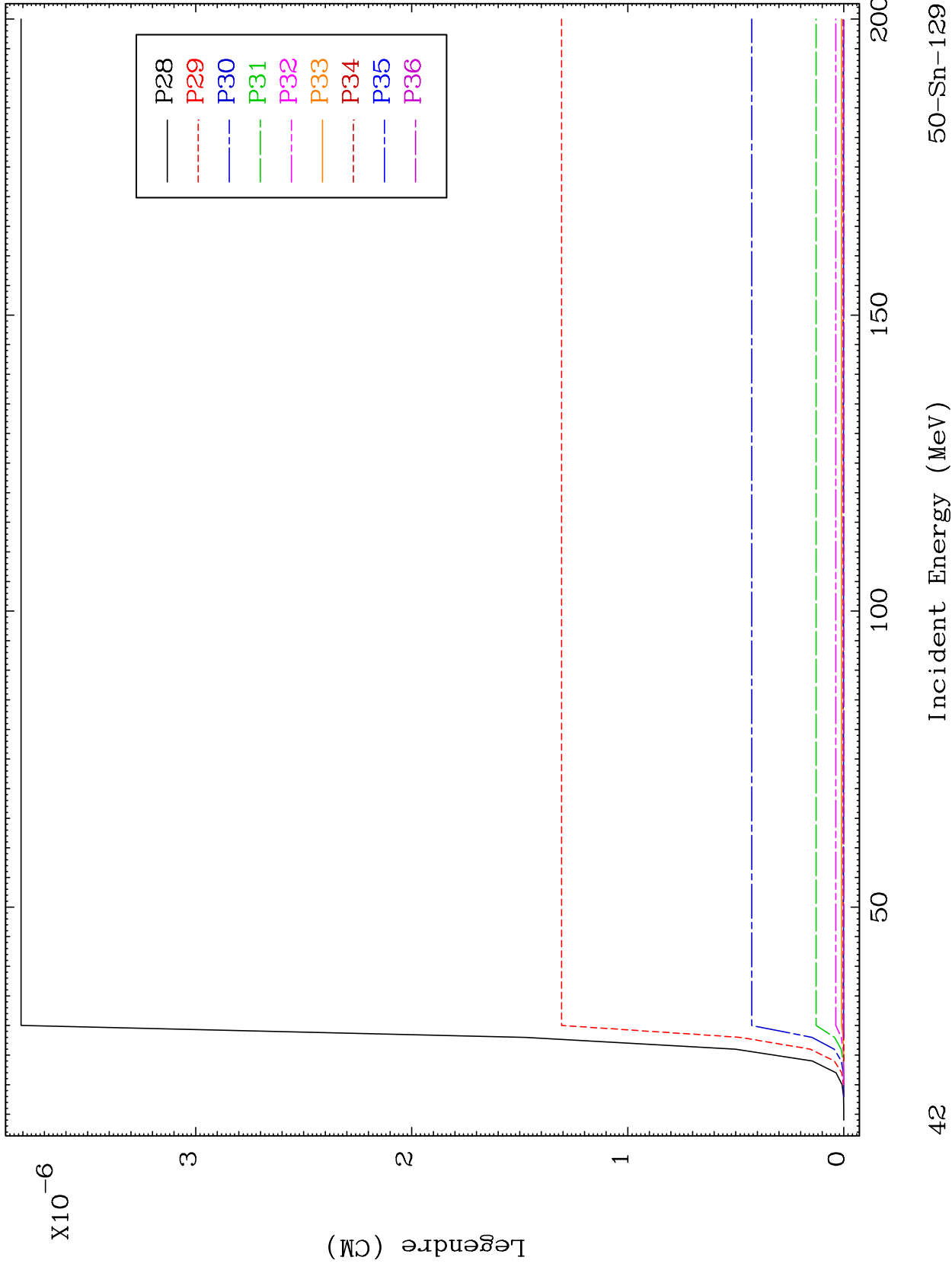


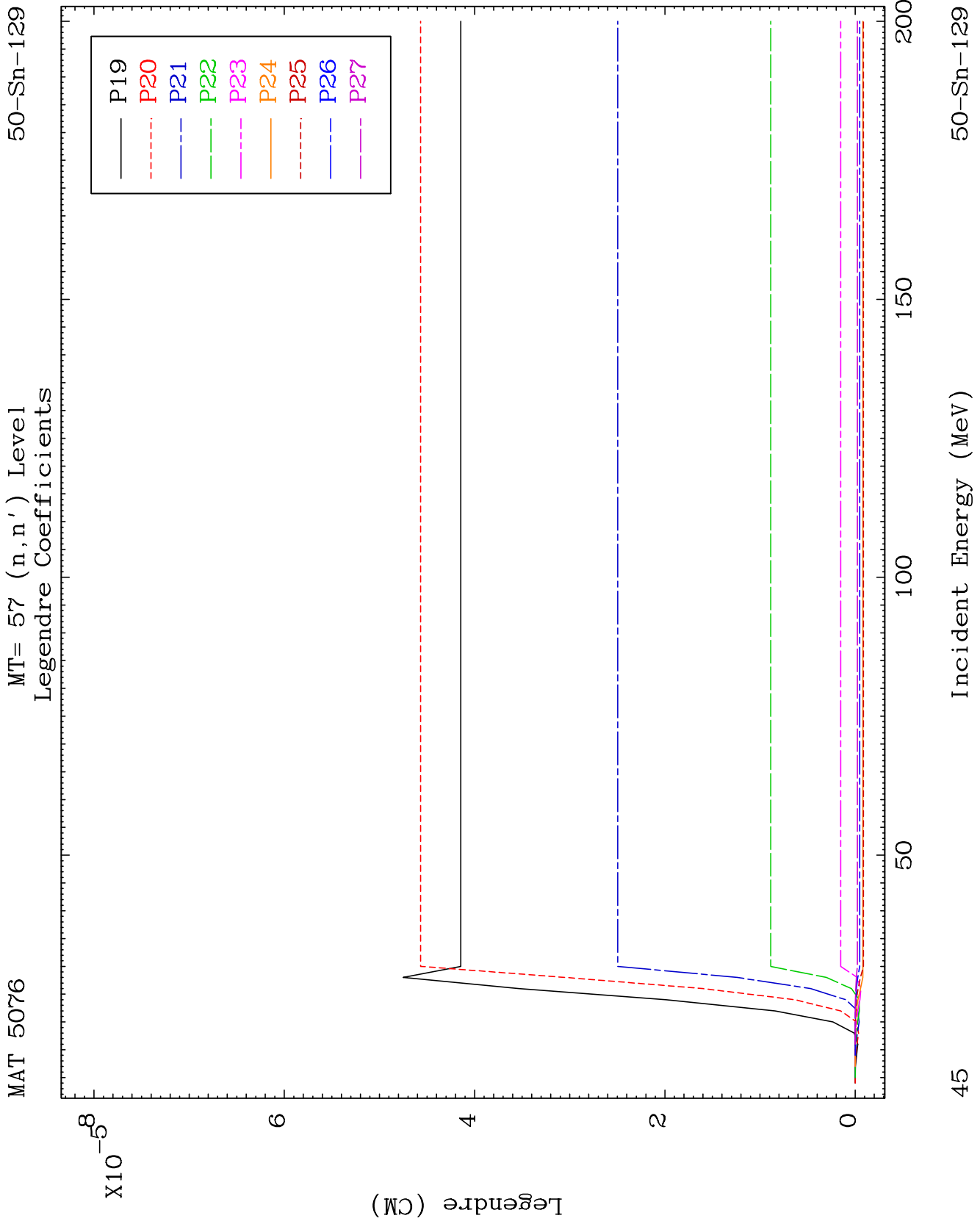


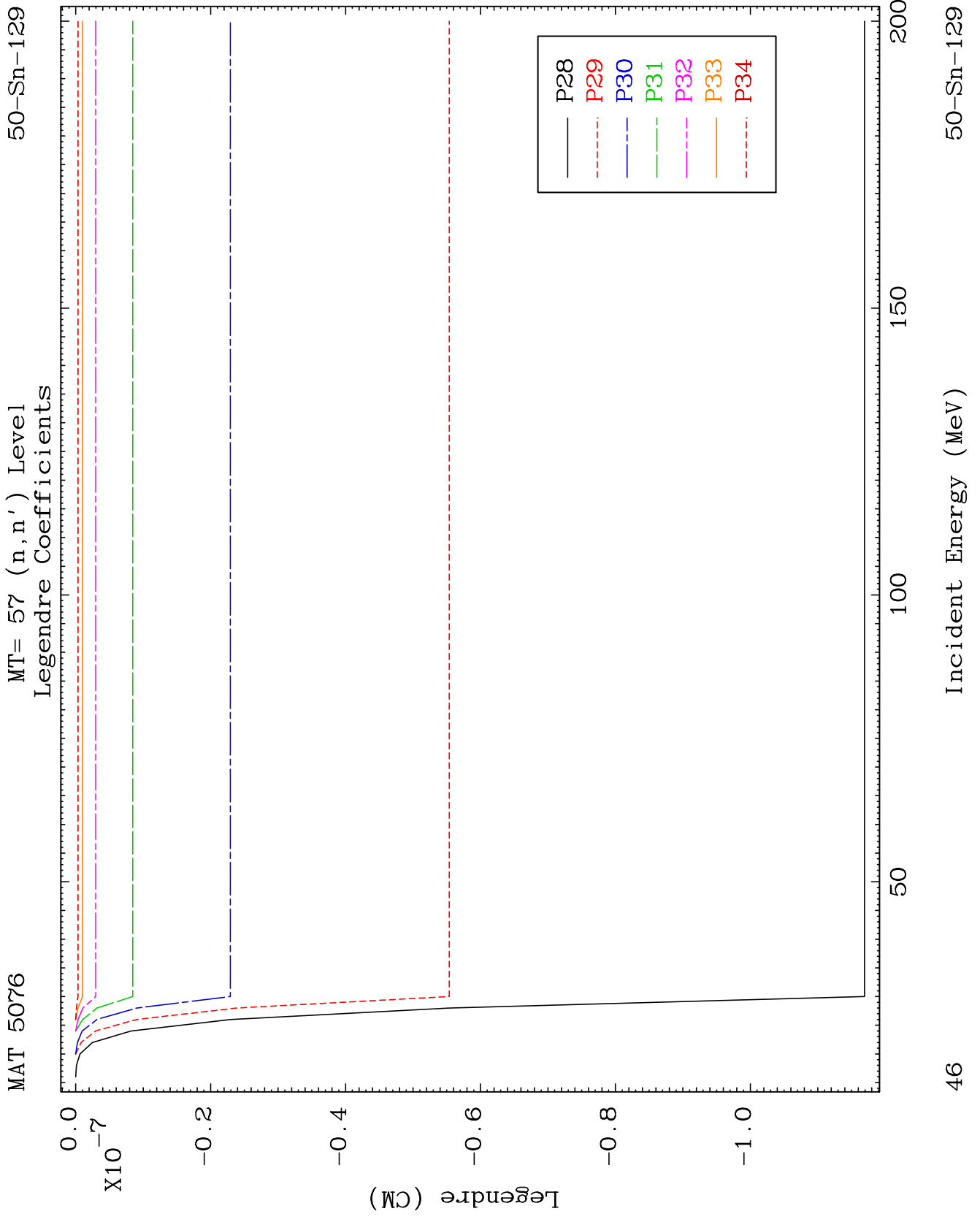
MAT 5076

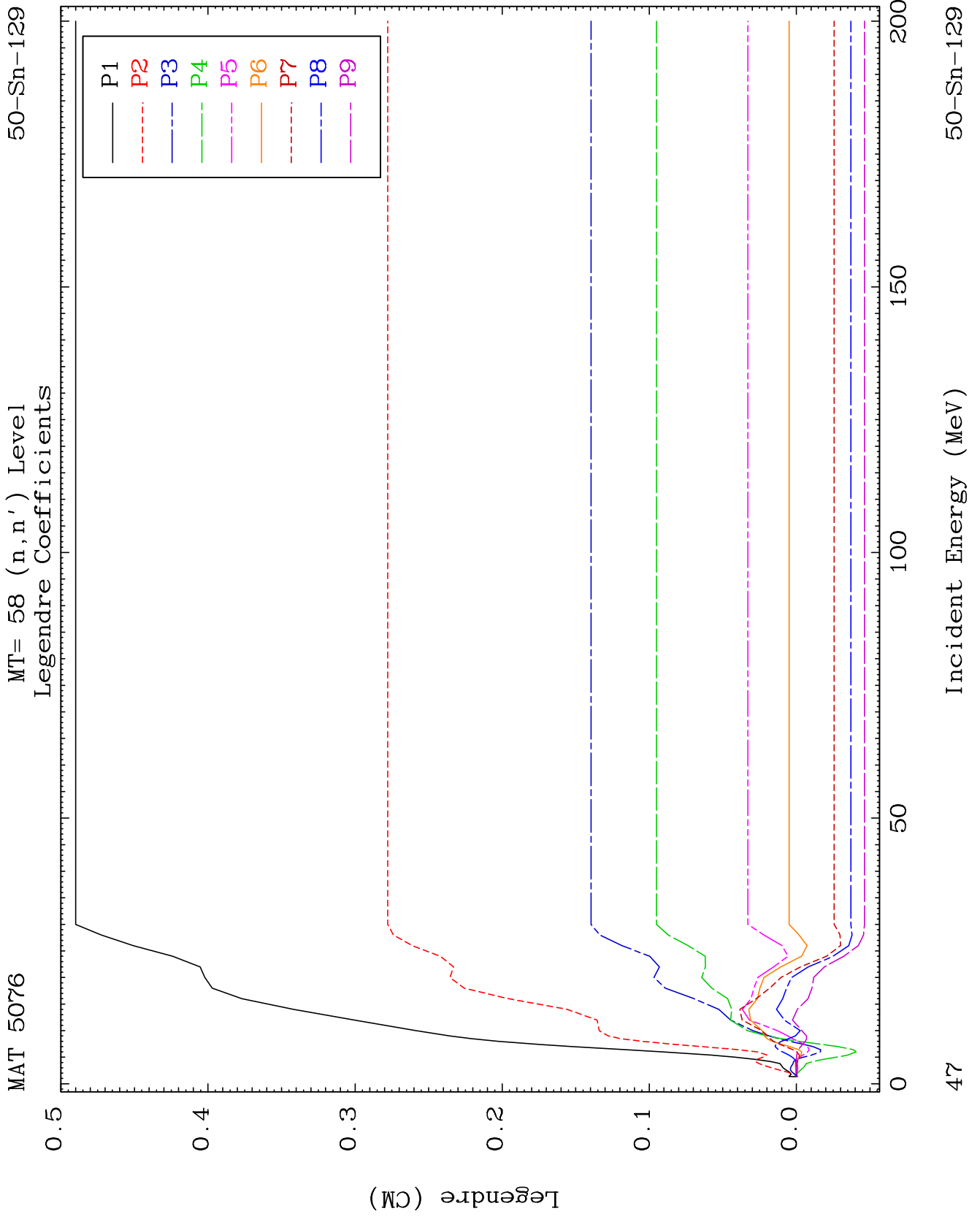
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Legendre Coefficients

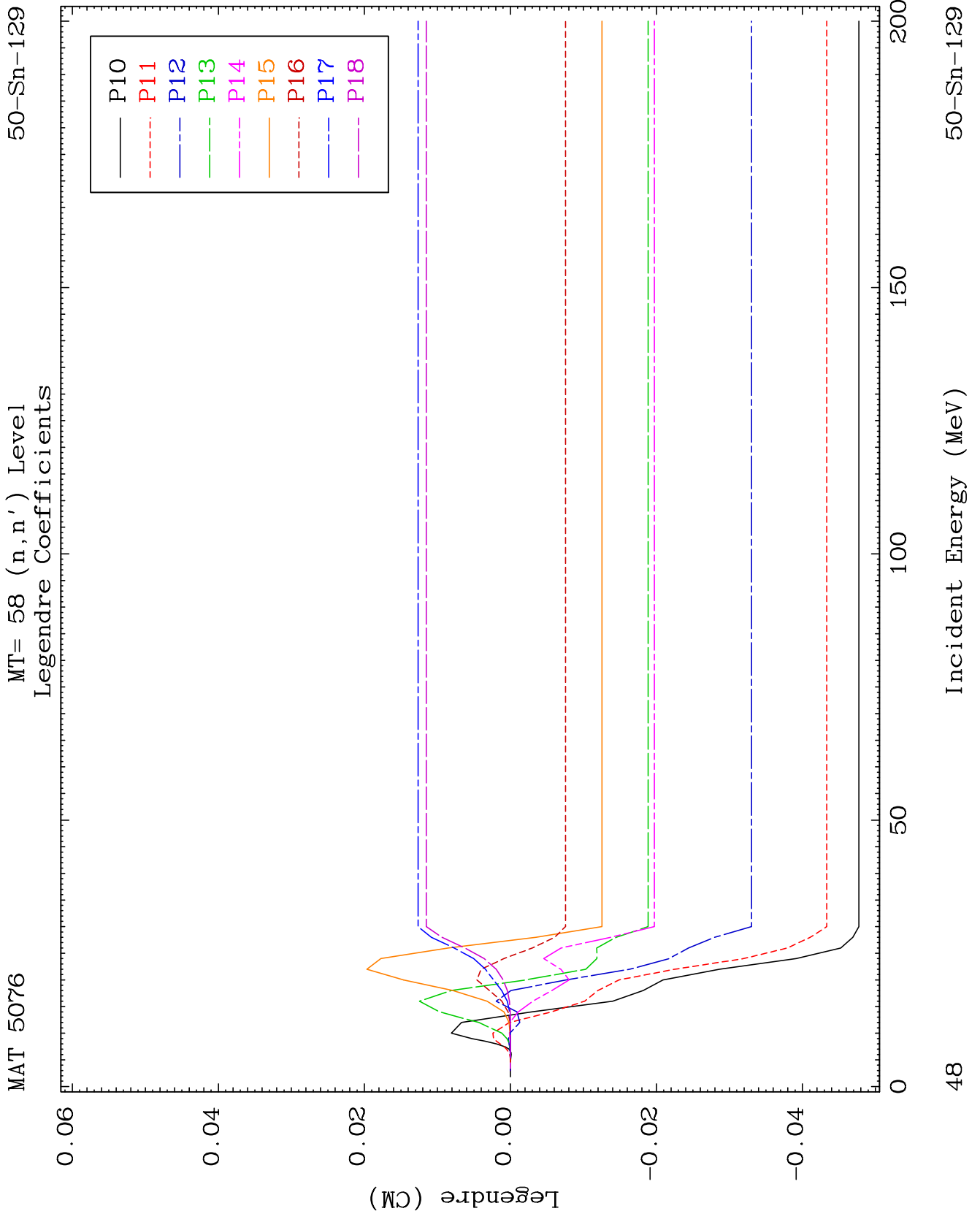
50-Sn-129







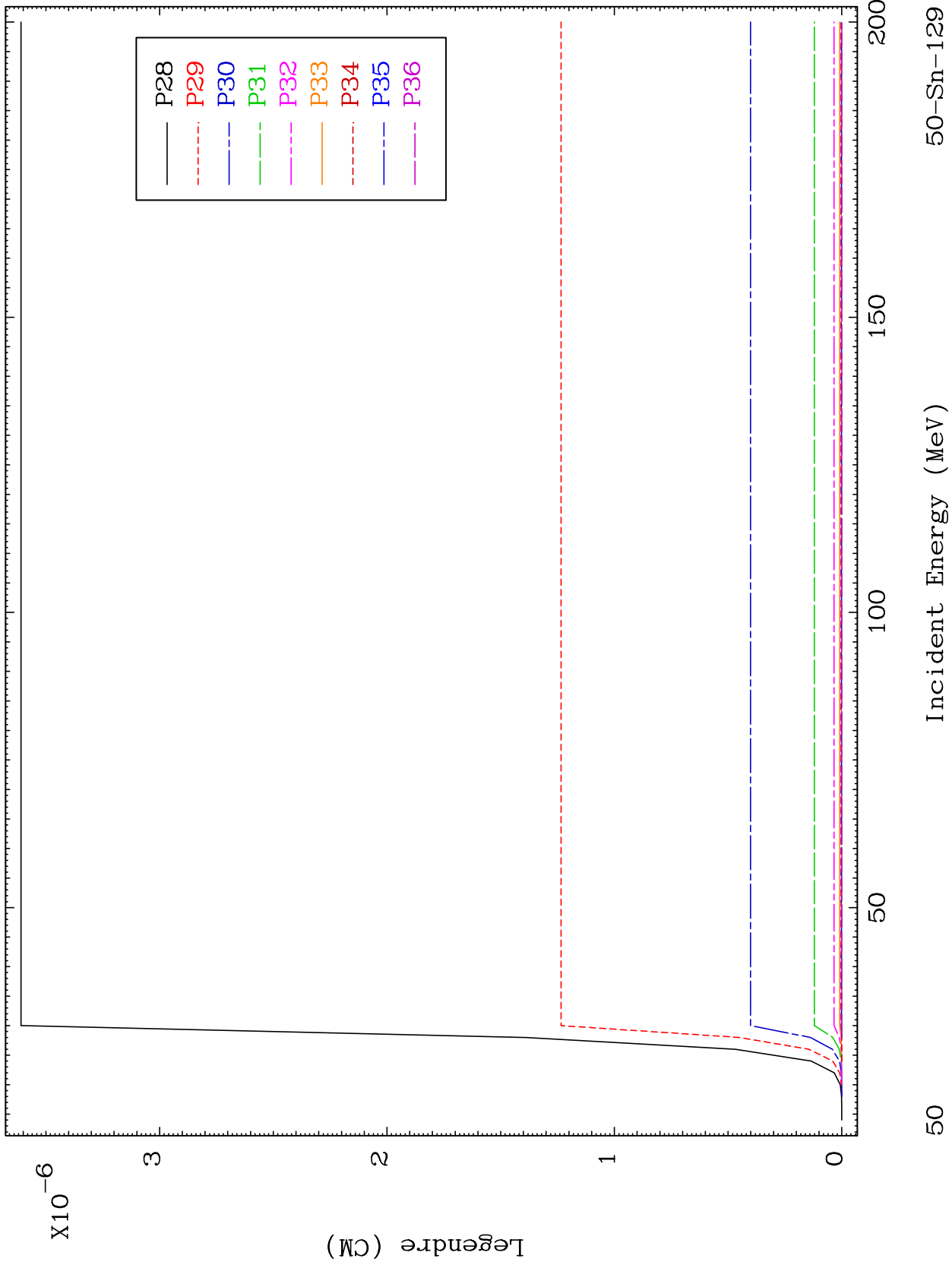


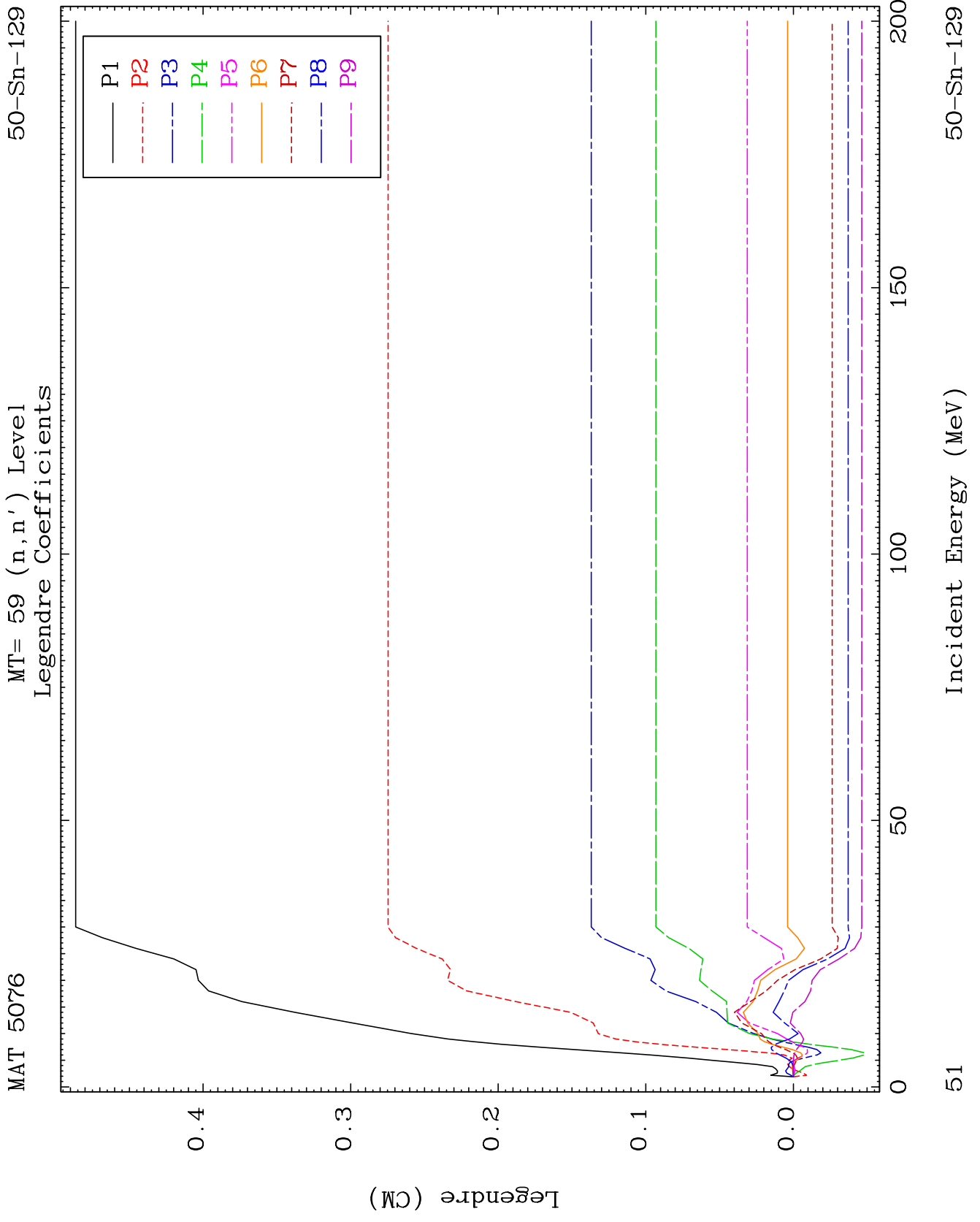


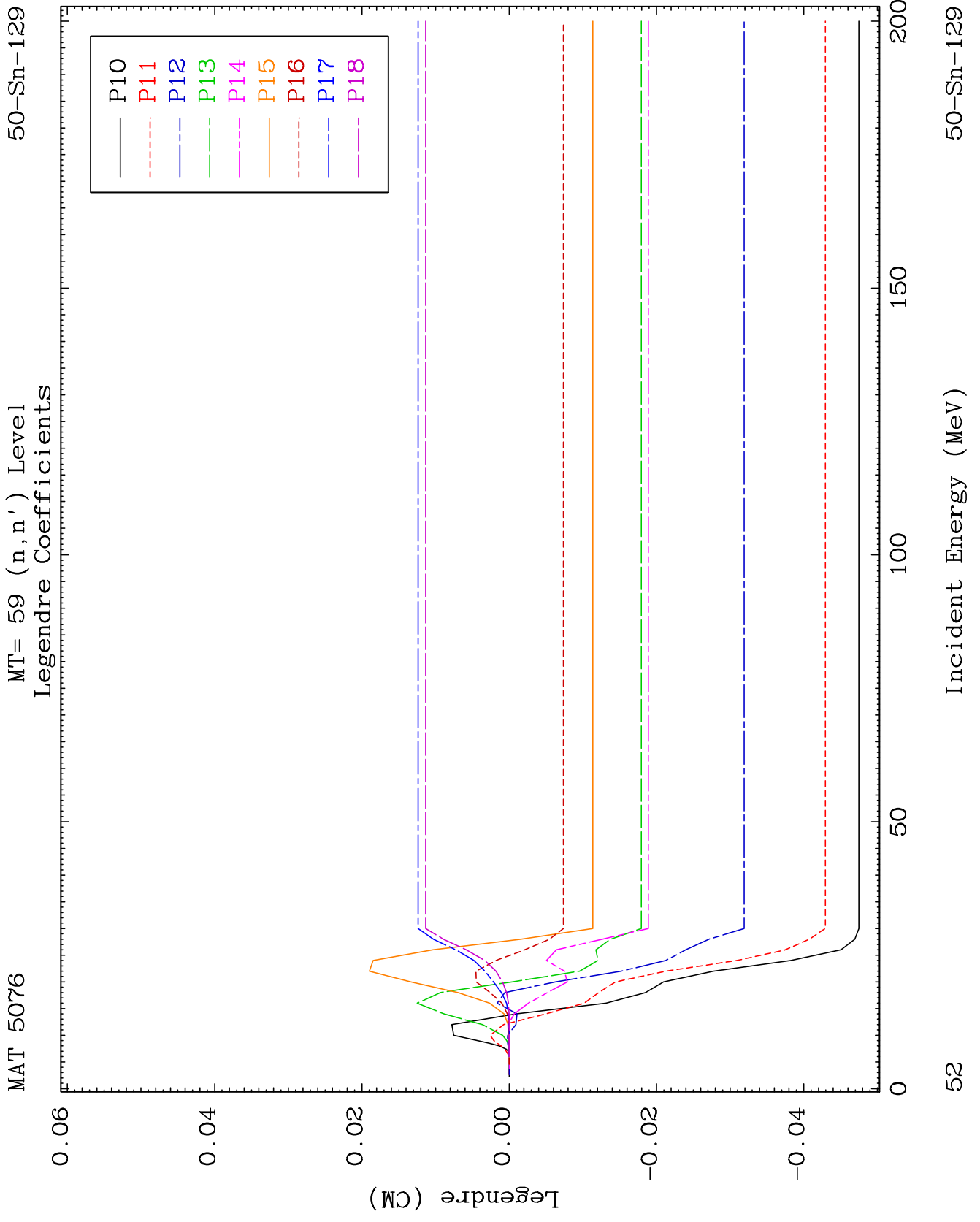
MAT 5076

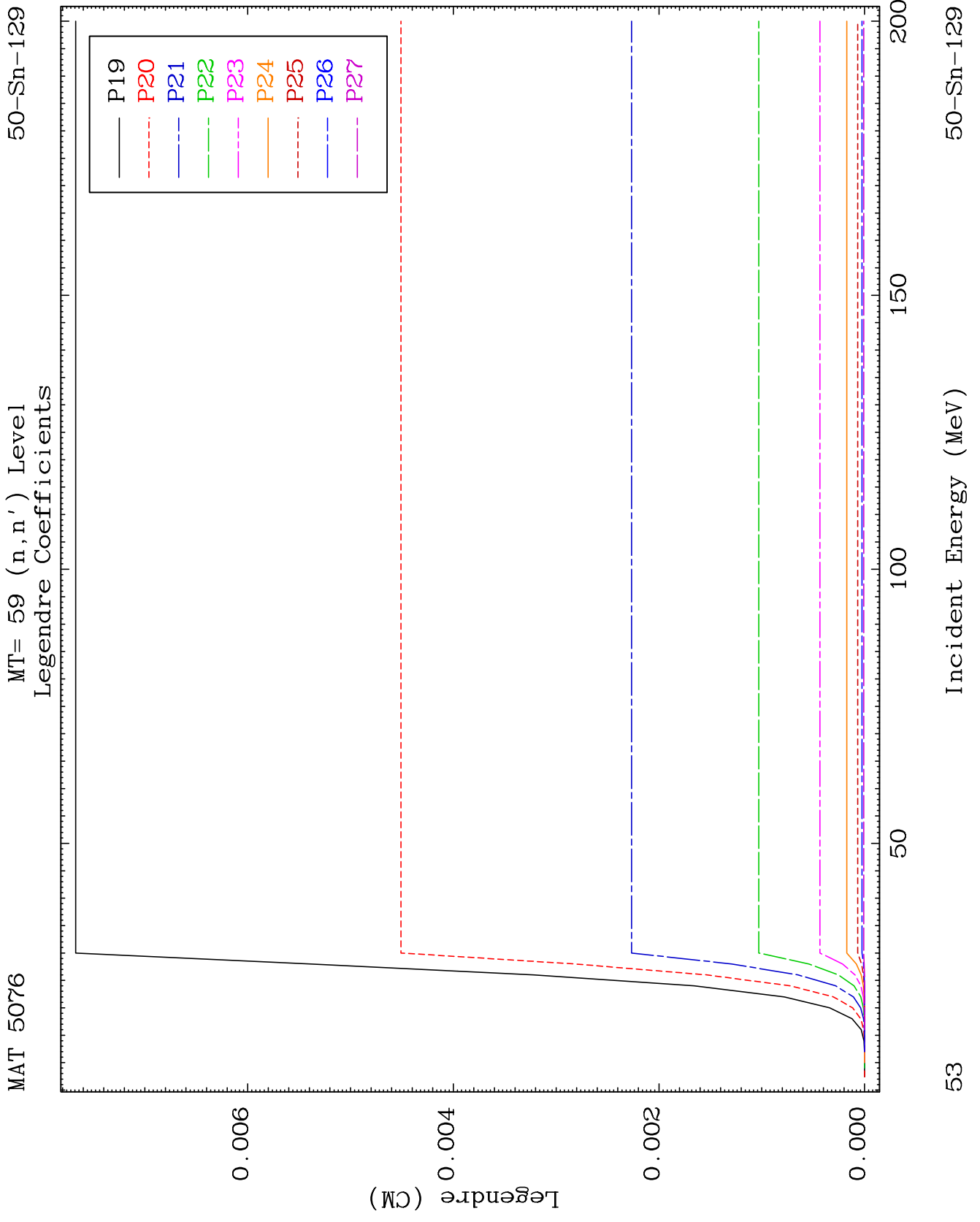
MT= 58 (n,n') Level
Legendre Coefficients

50-Sn-129





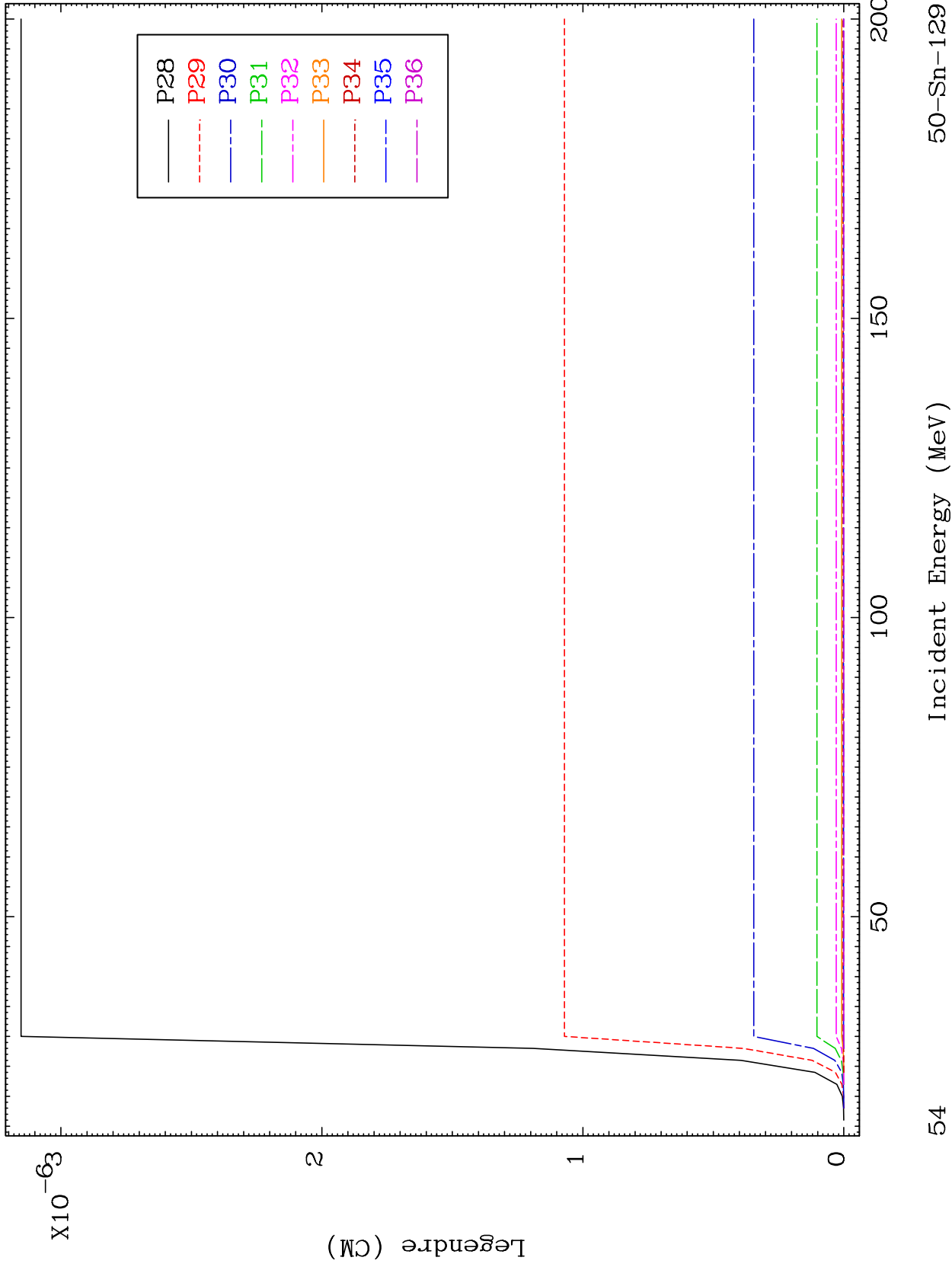




MAT 5076

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

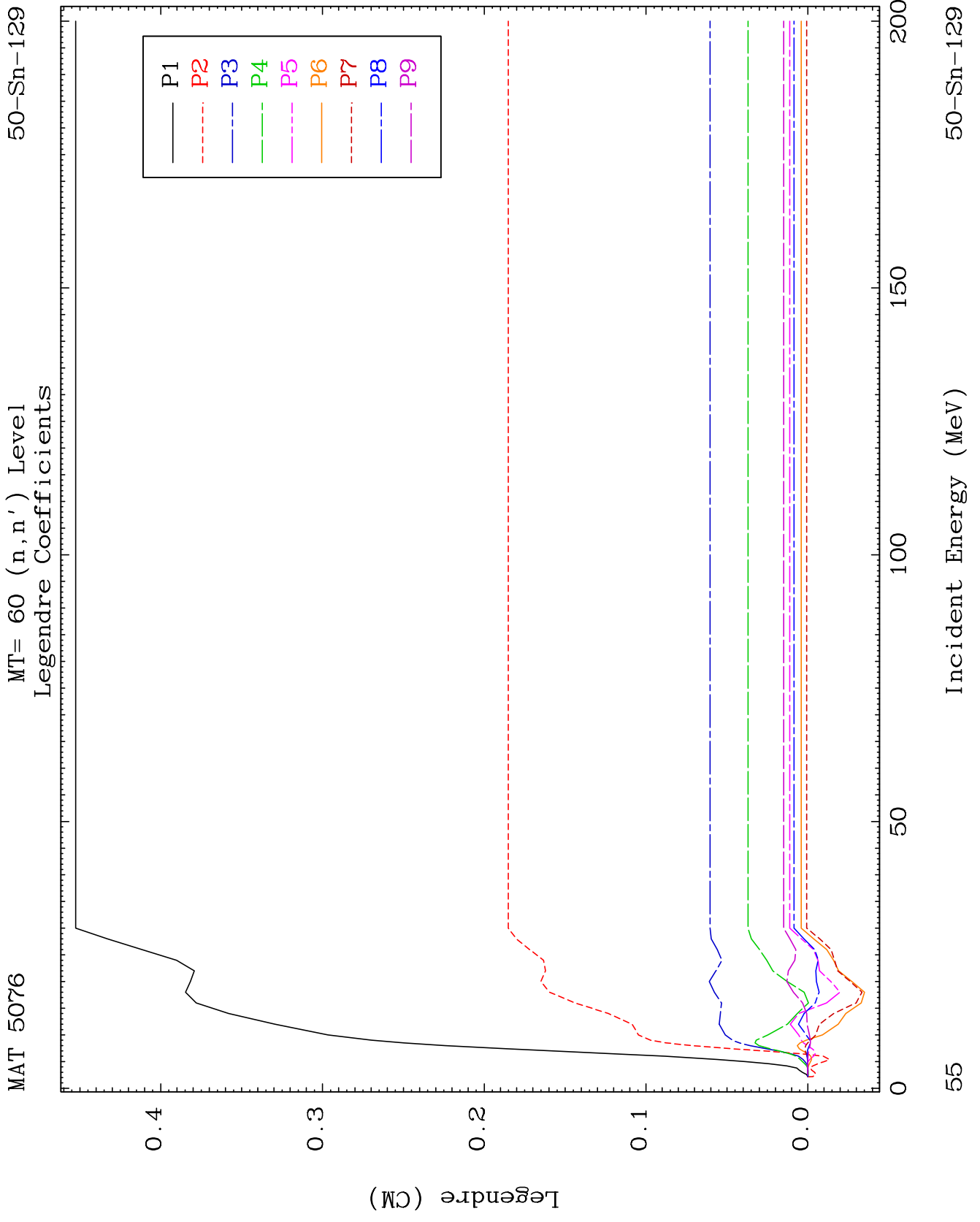
50-Sn-129



54

Incident Energy (MeV)

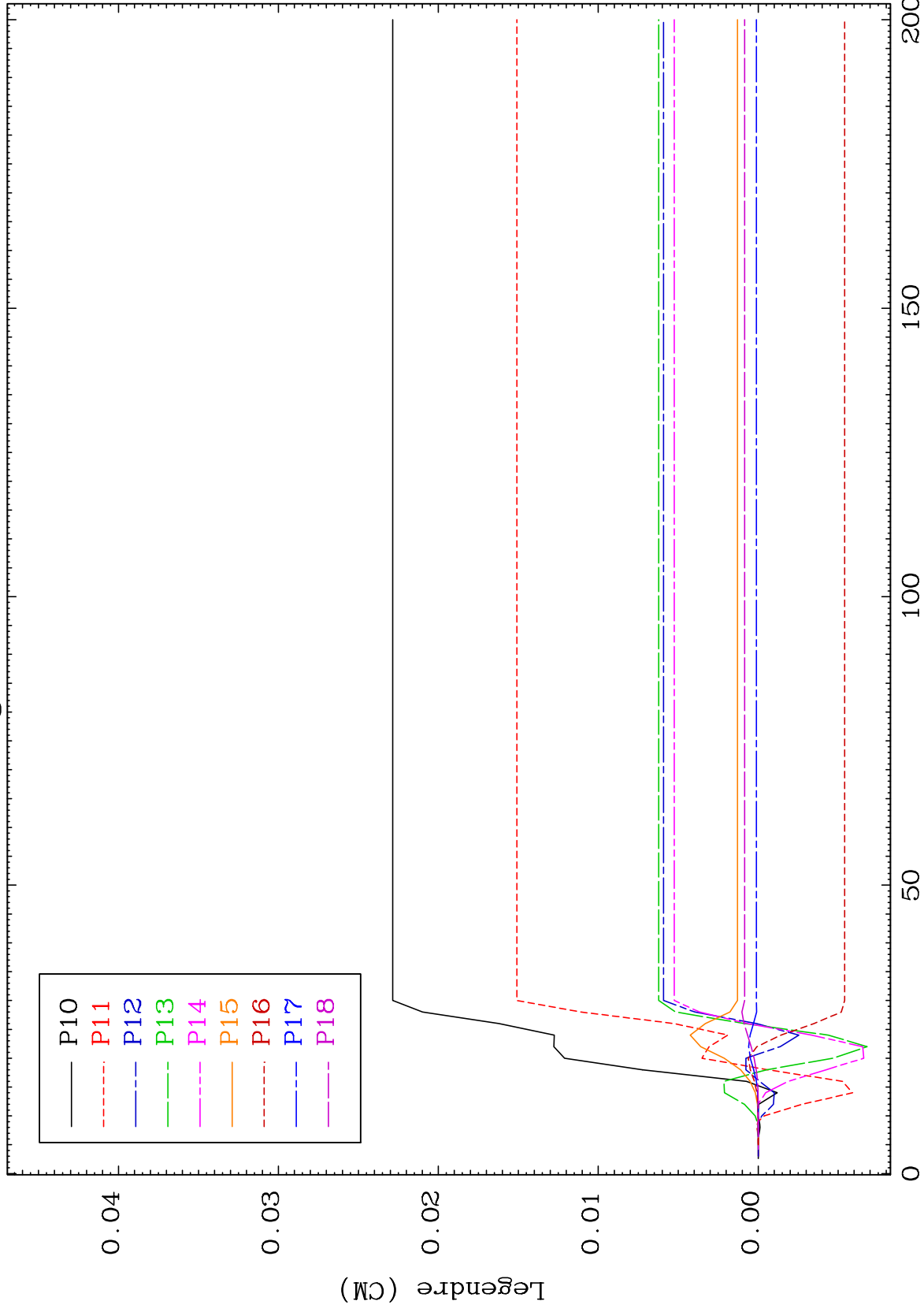
50-Sn-129



MAT 5076

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

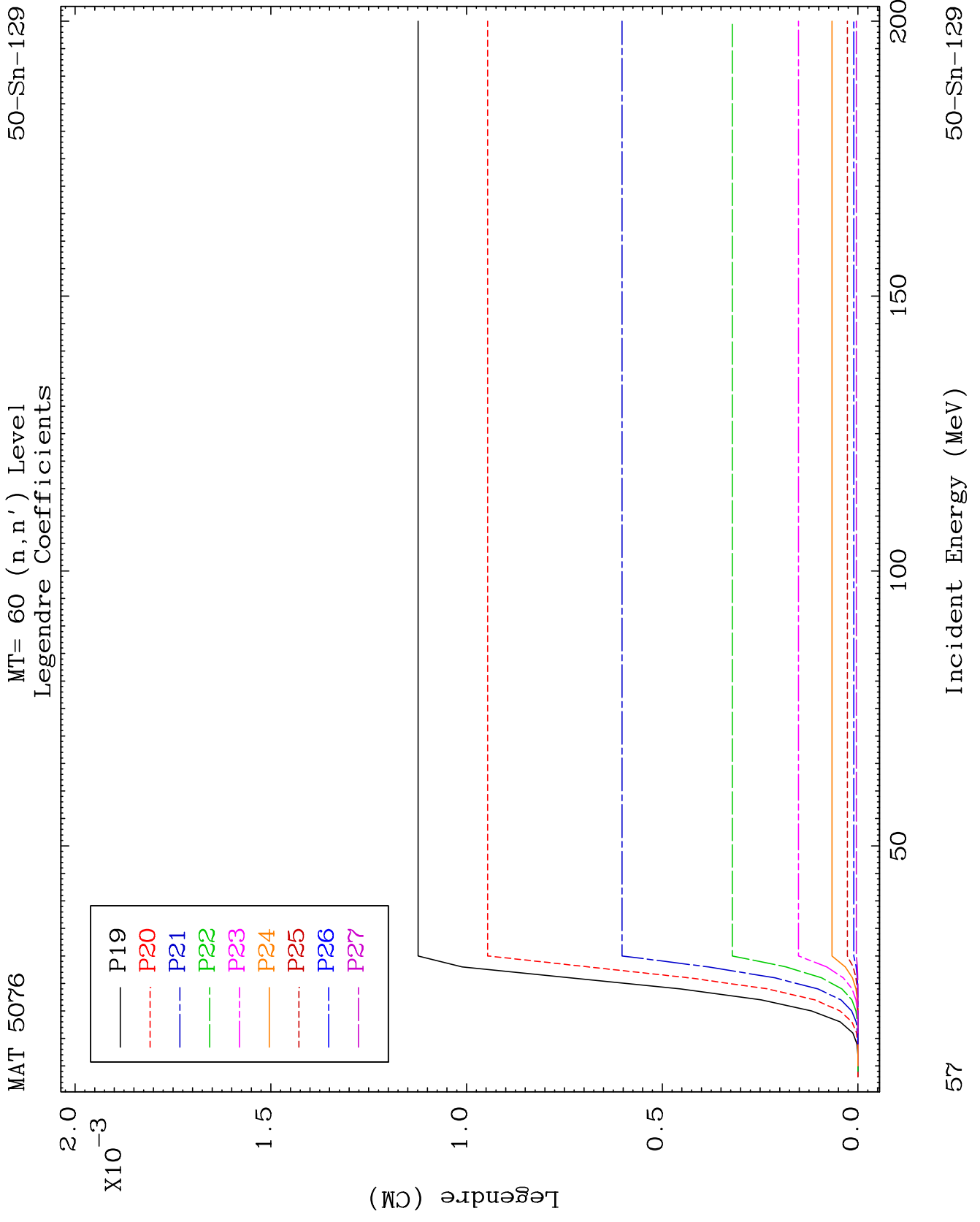
50-Sn-129

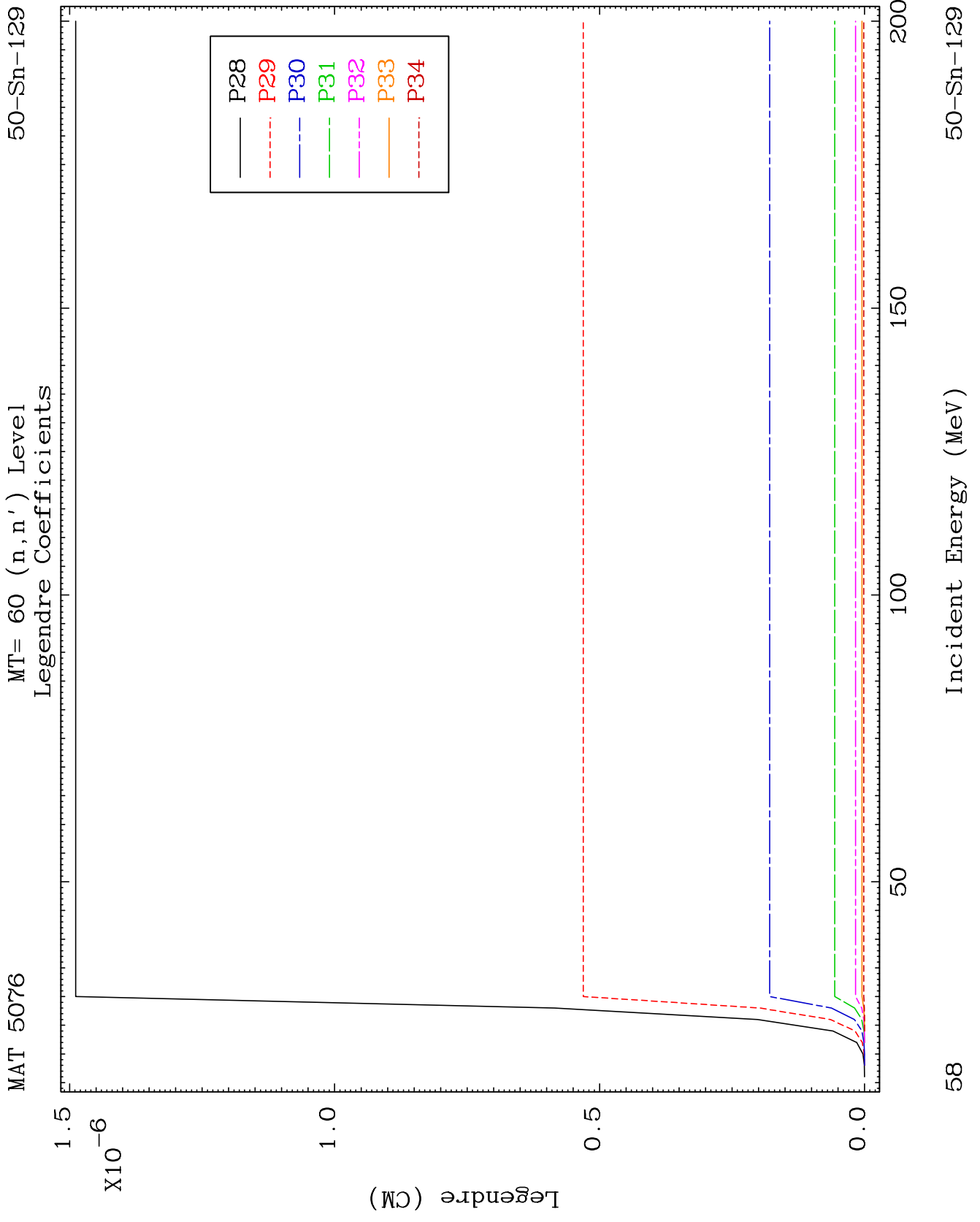


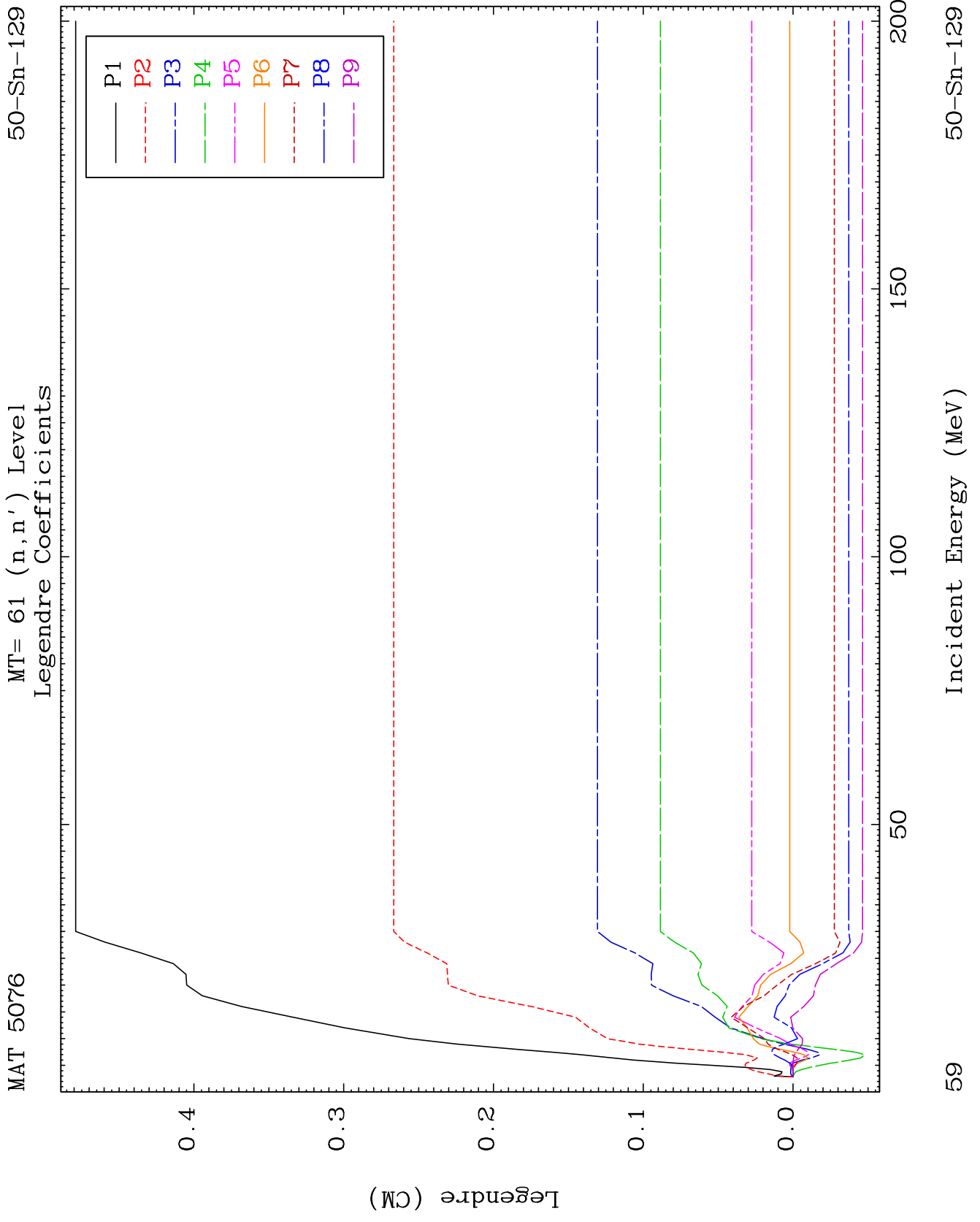
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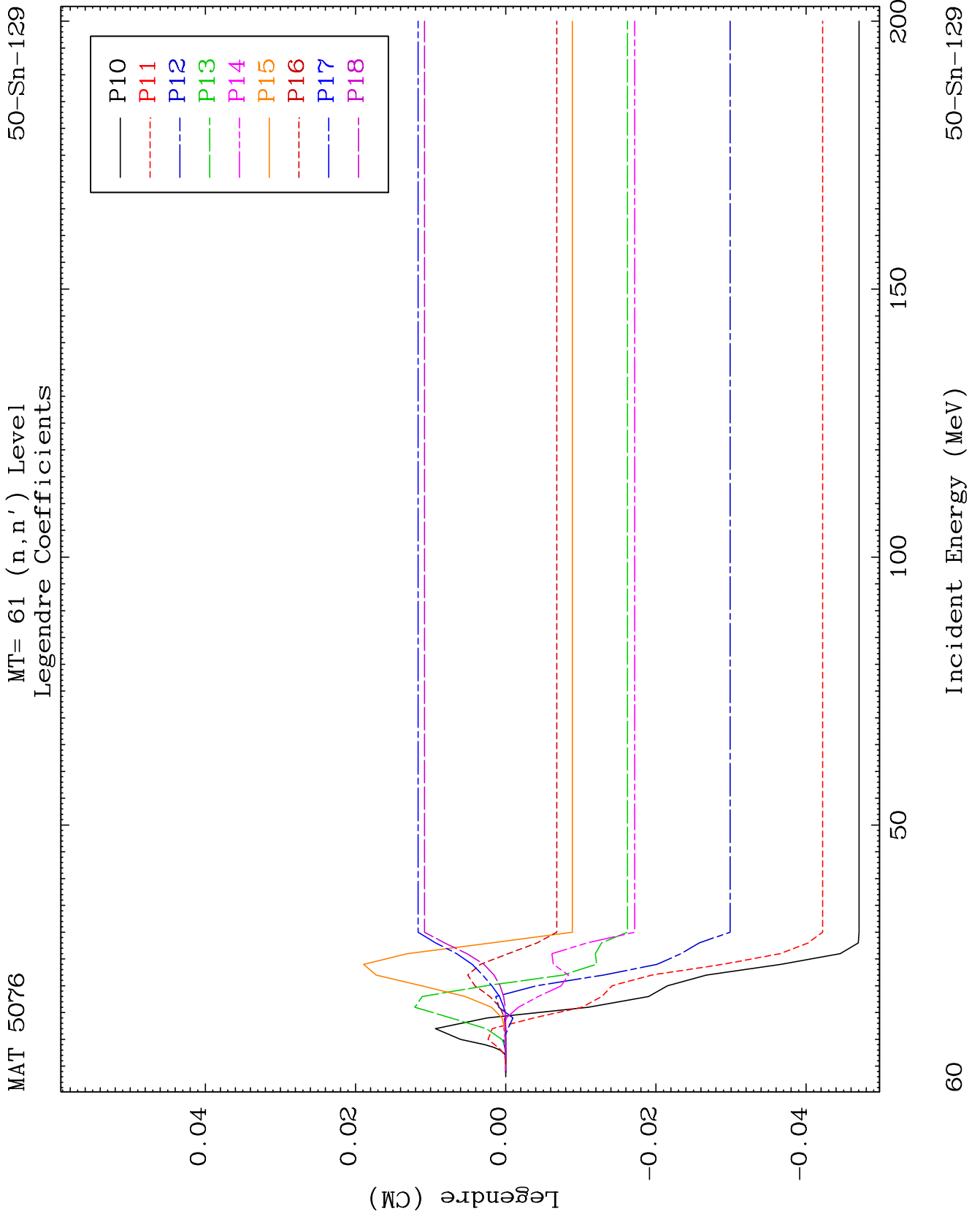
Incident Energy (MeV)

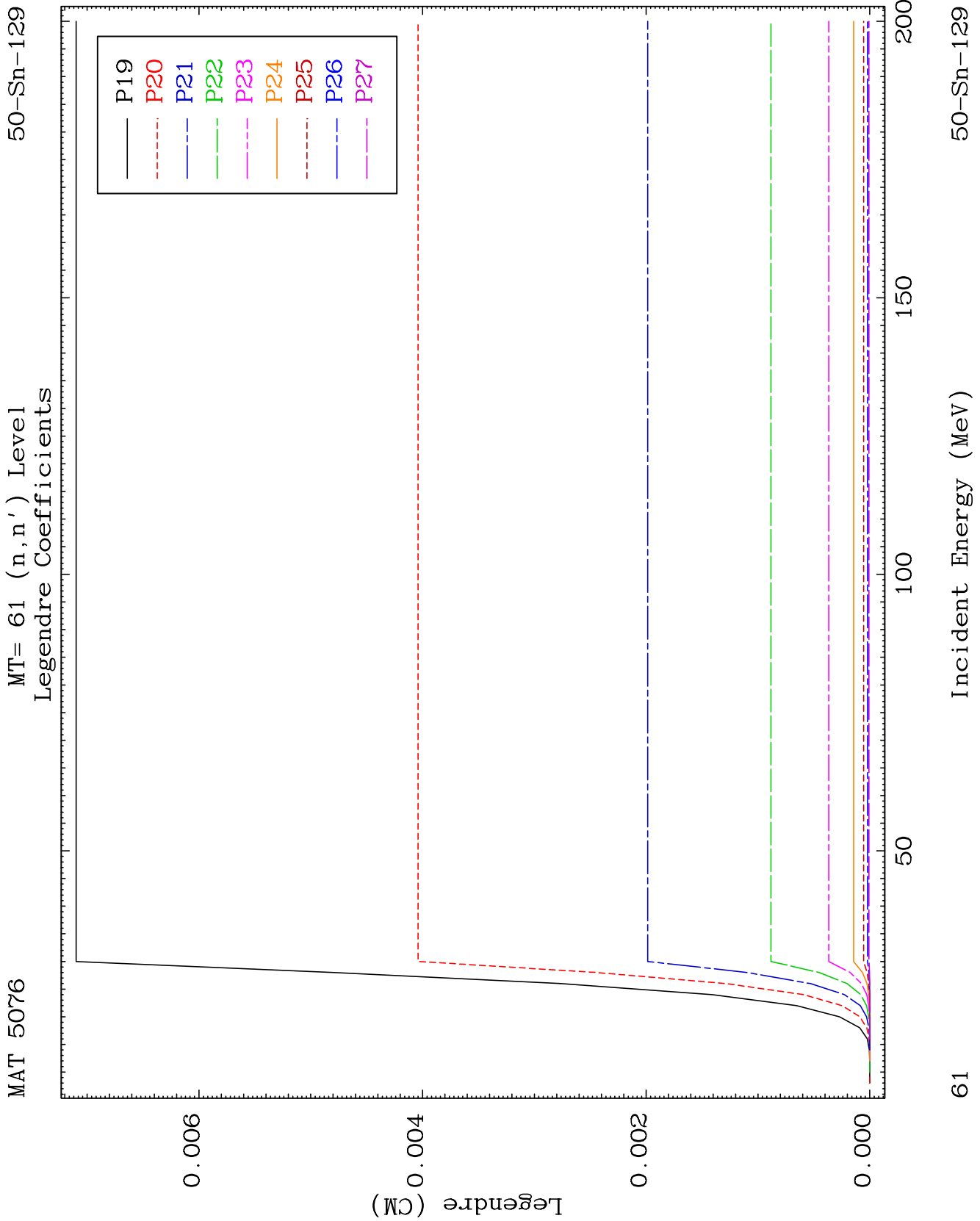
50-Sn-129

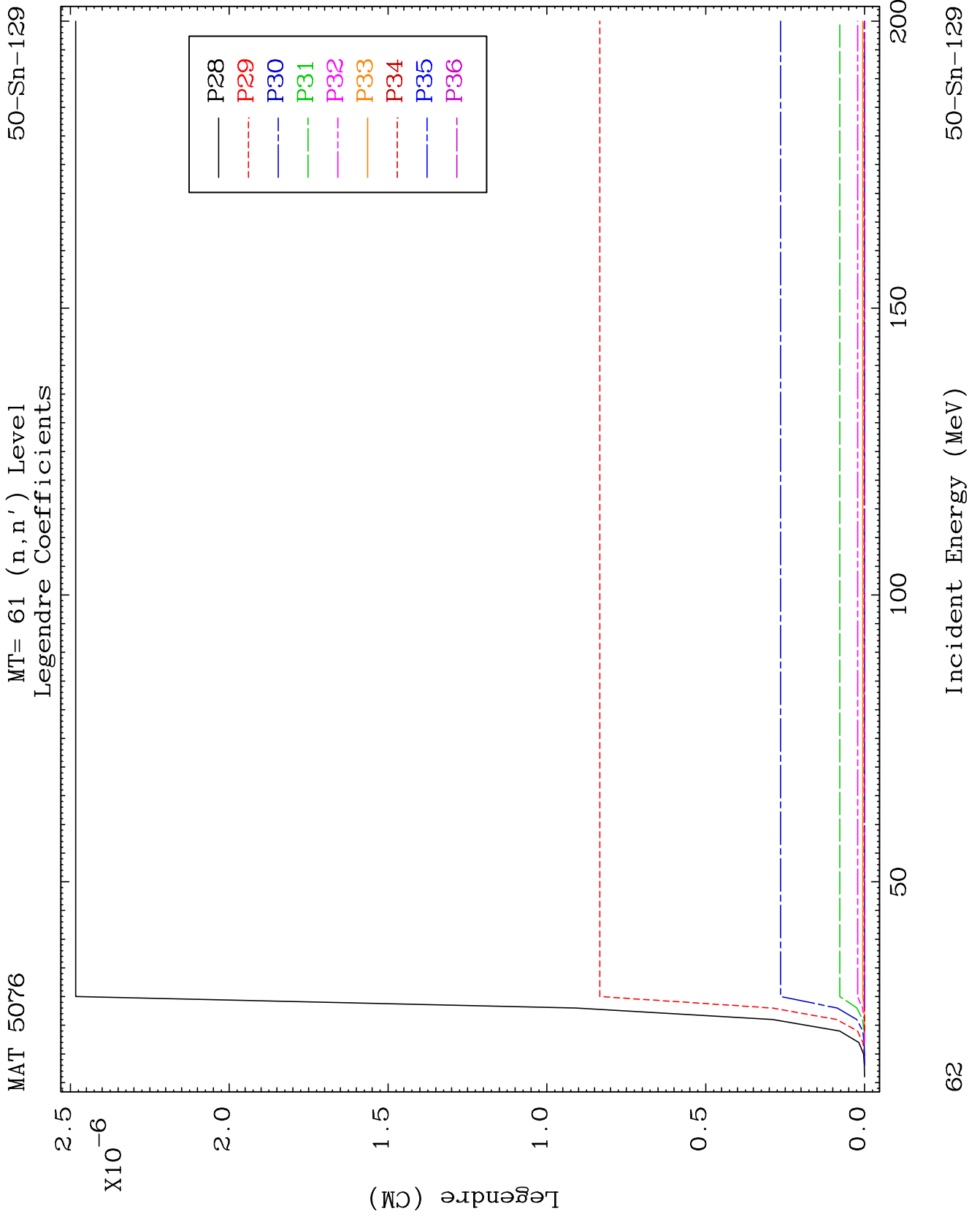


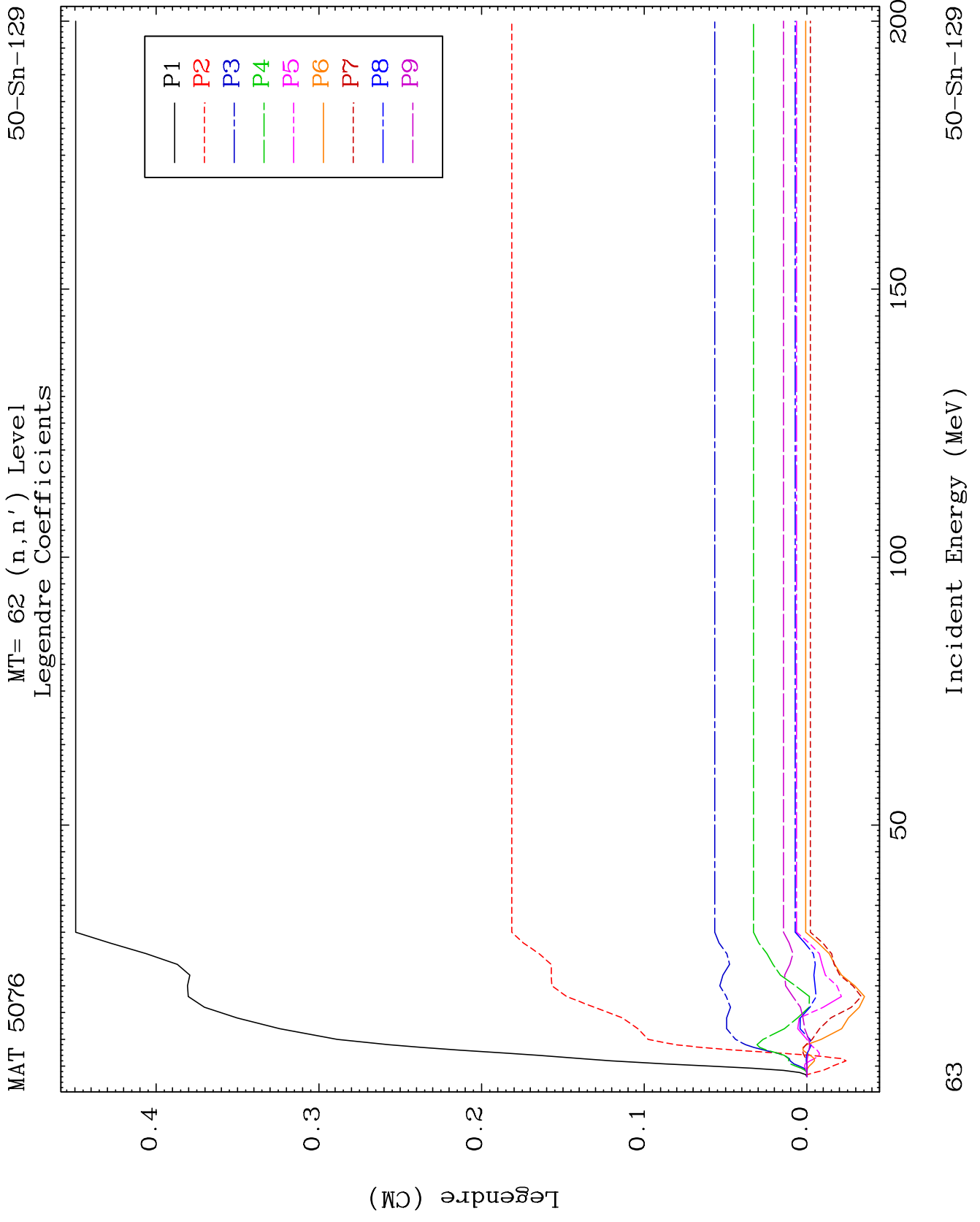








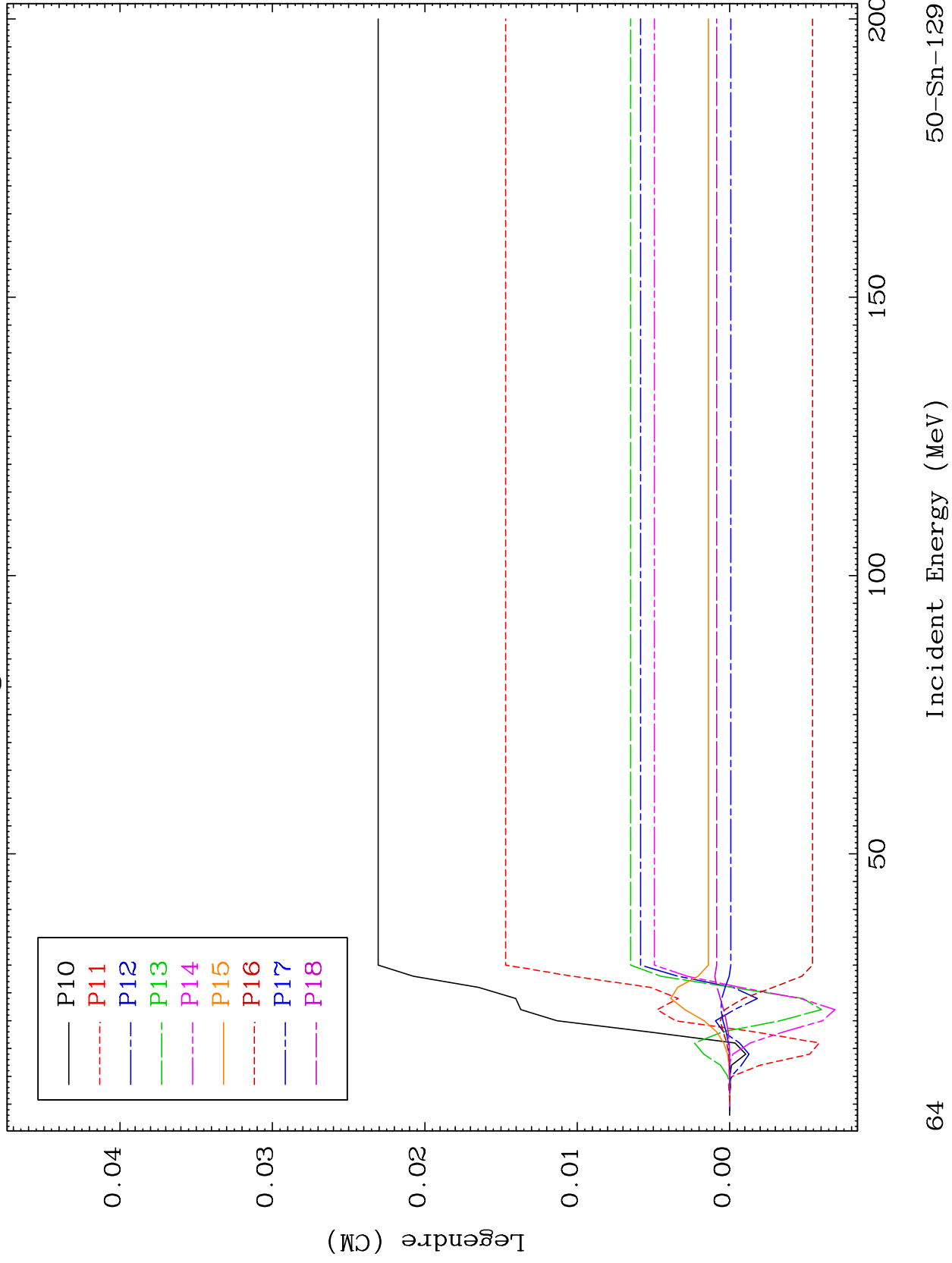




MAT 5076

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

50-Sn-129



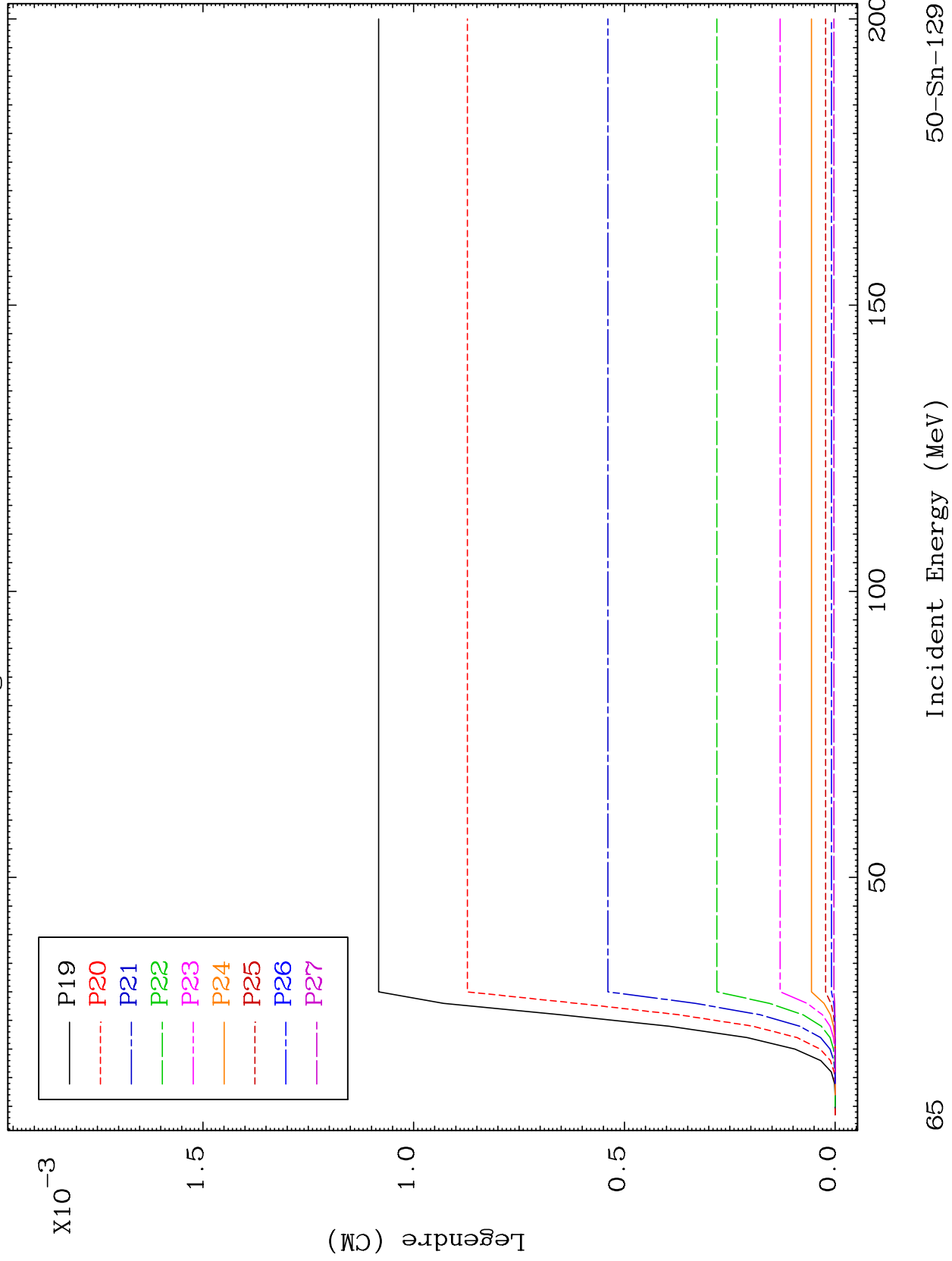
64

50-Sn-129

MAT 5076

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

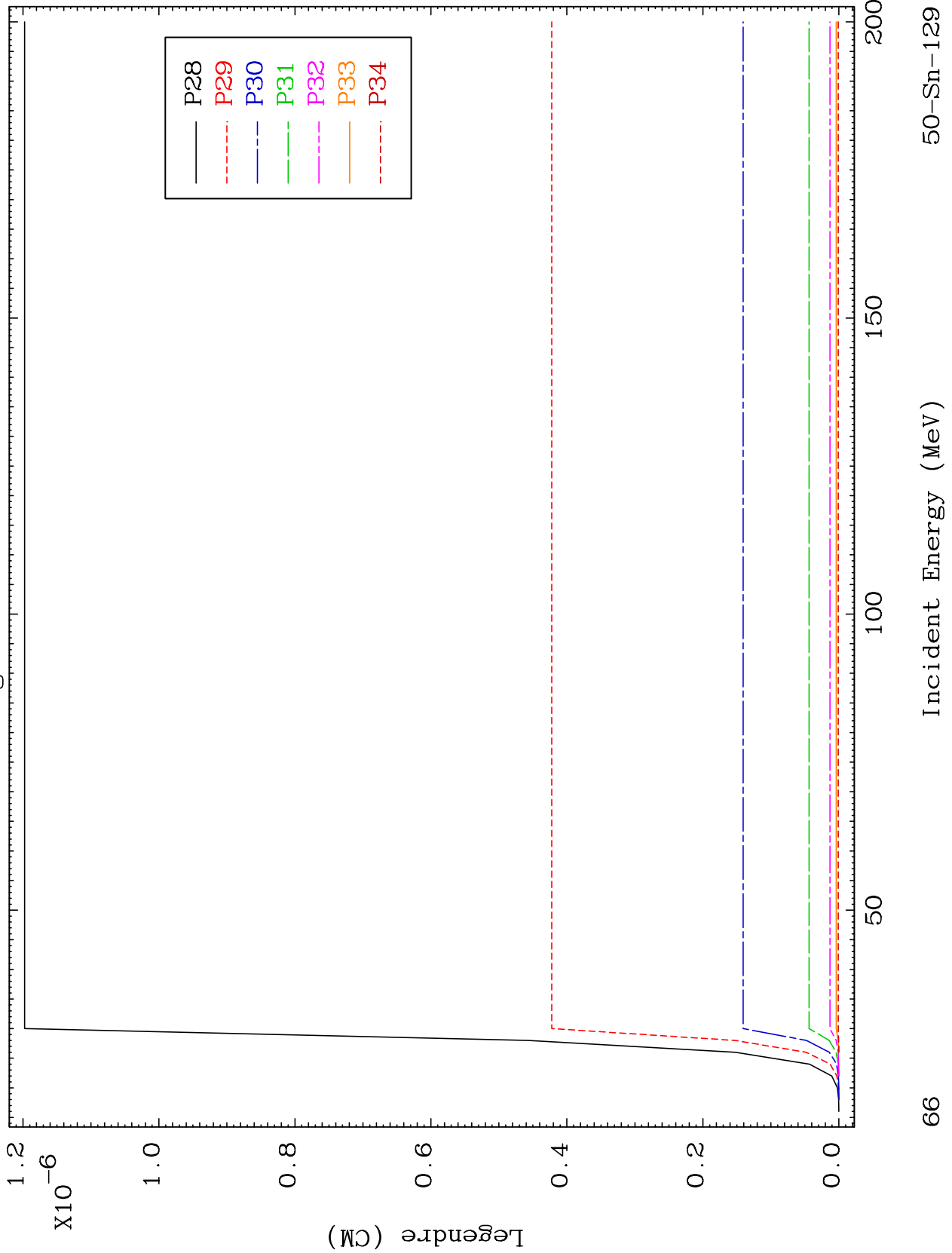
50-Sn-129



MAT 5076

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

50-Sn-129



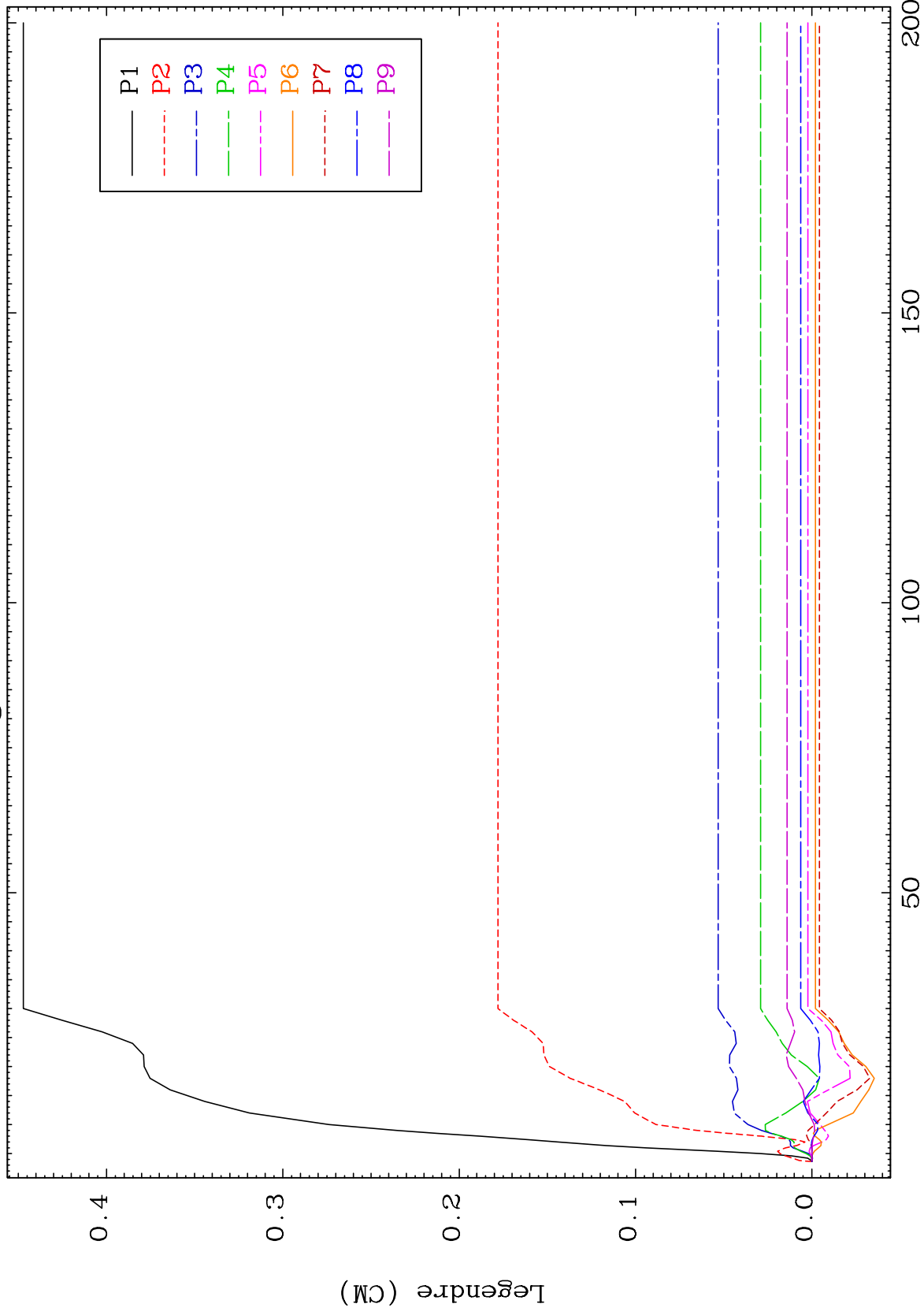
66

50-Sn-129

MAT 5076

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

50-Sn-129



67

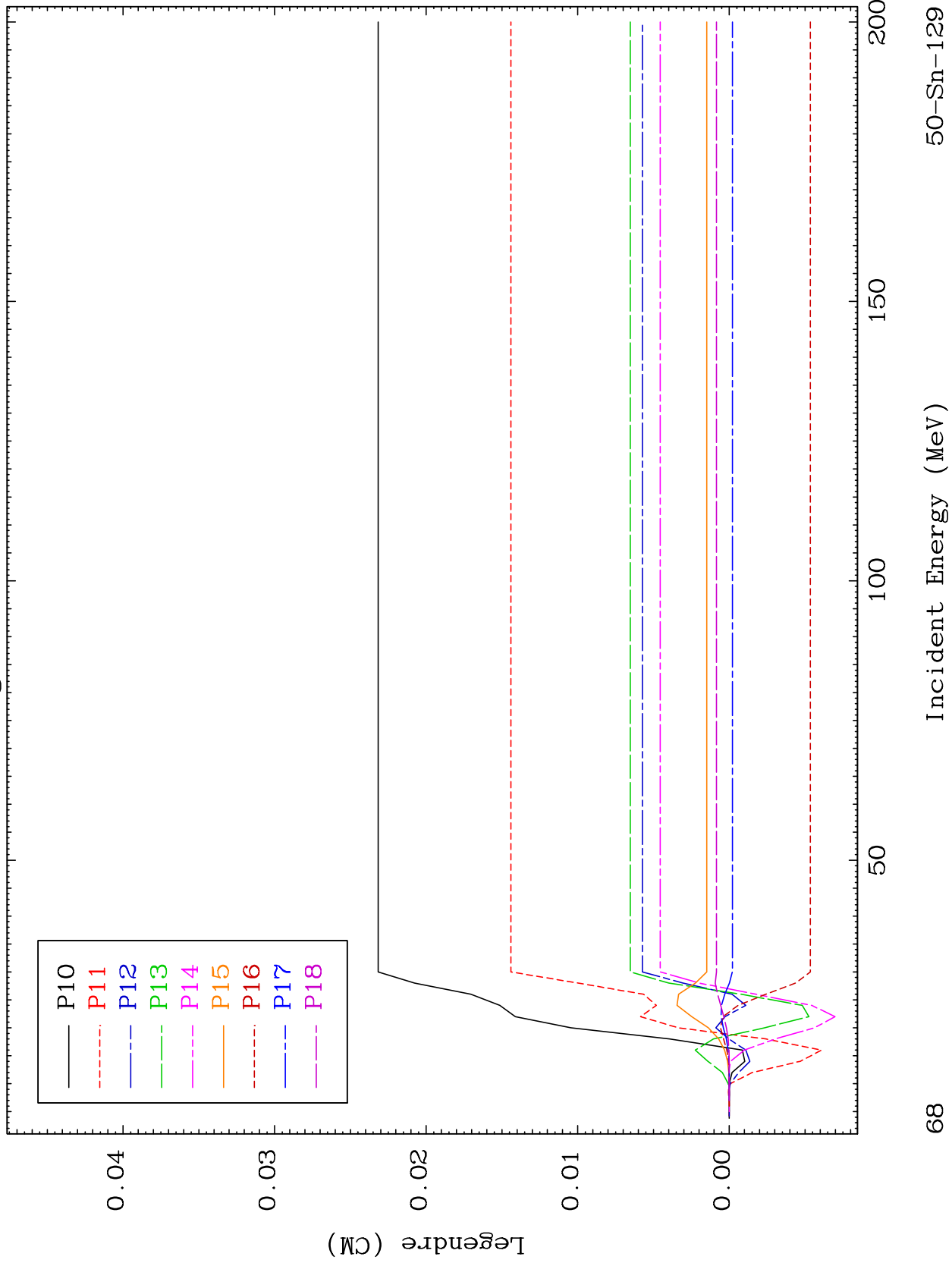
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



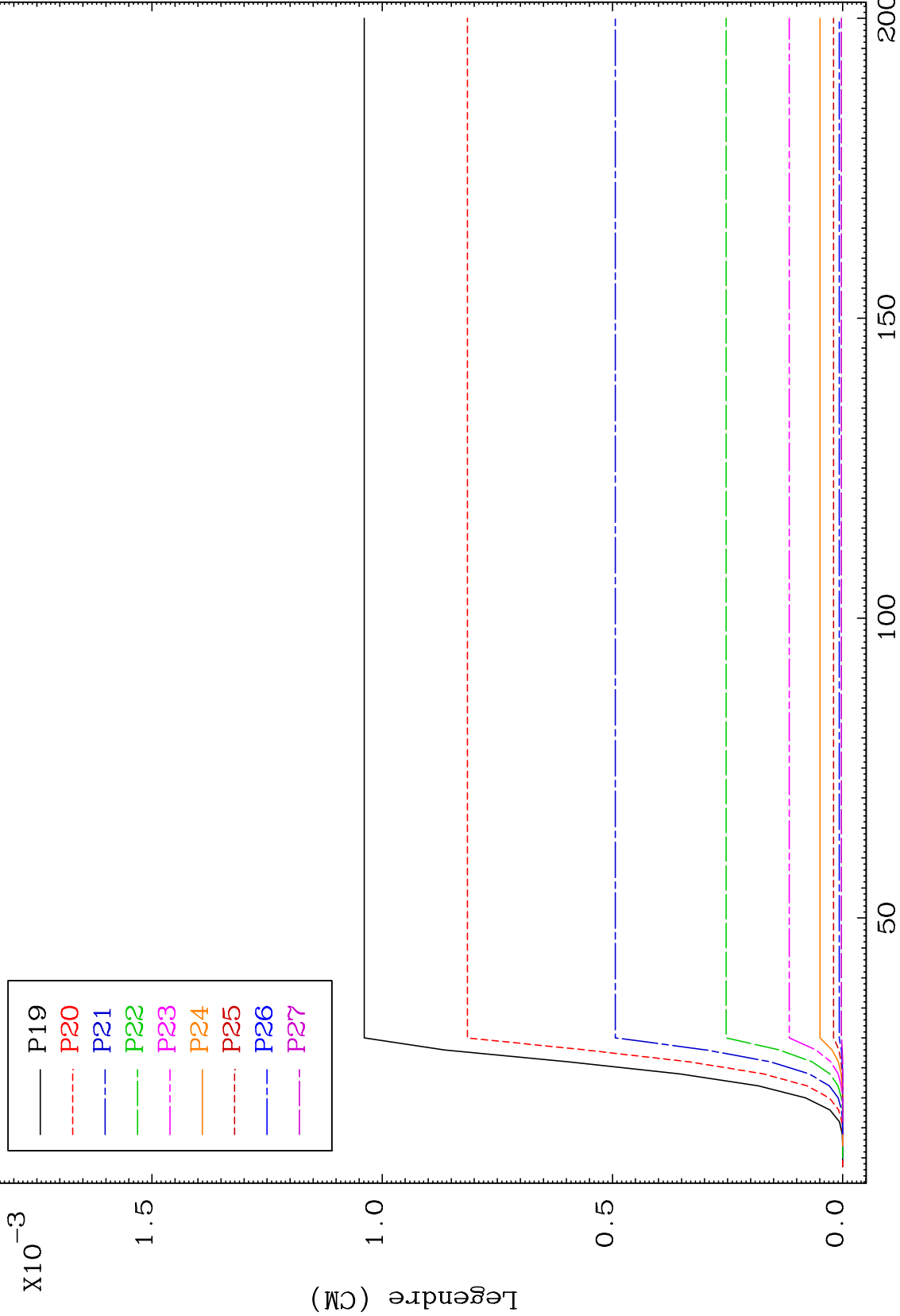
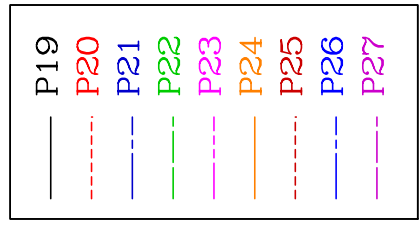
68

50-Sn-129

MAT 5076

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

50-Sn-129



69

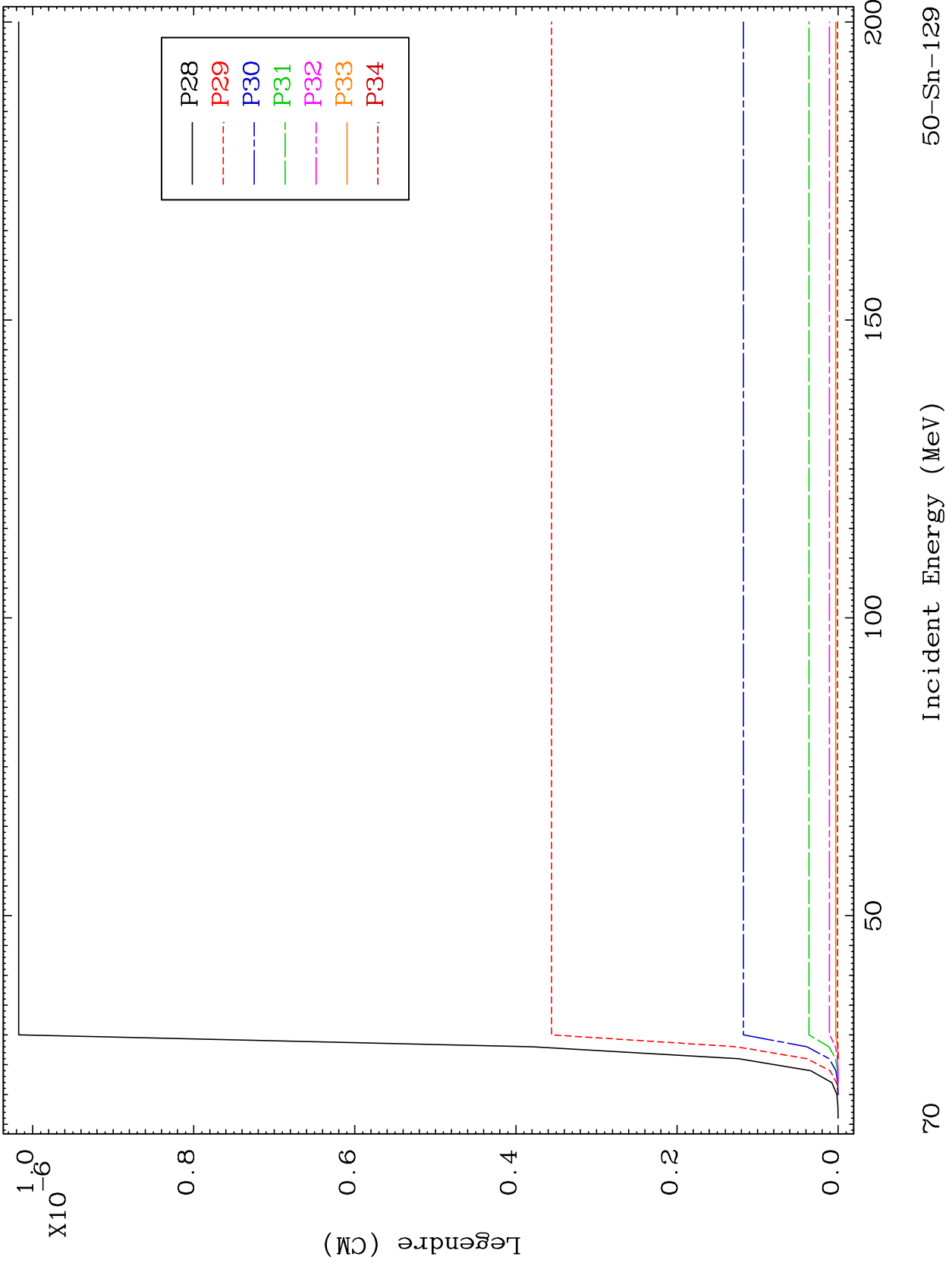
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



70

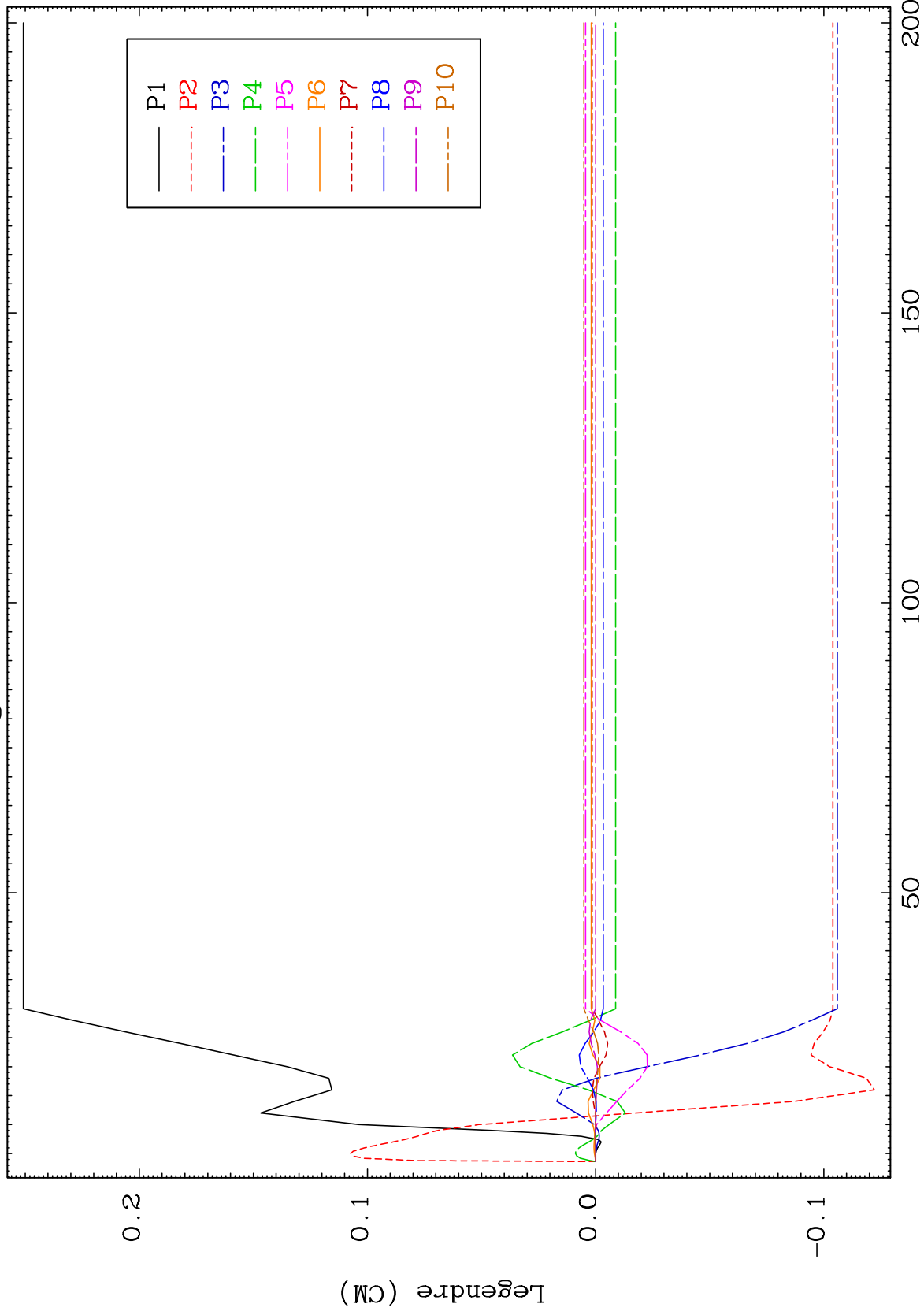
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



71

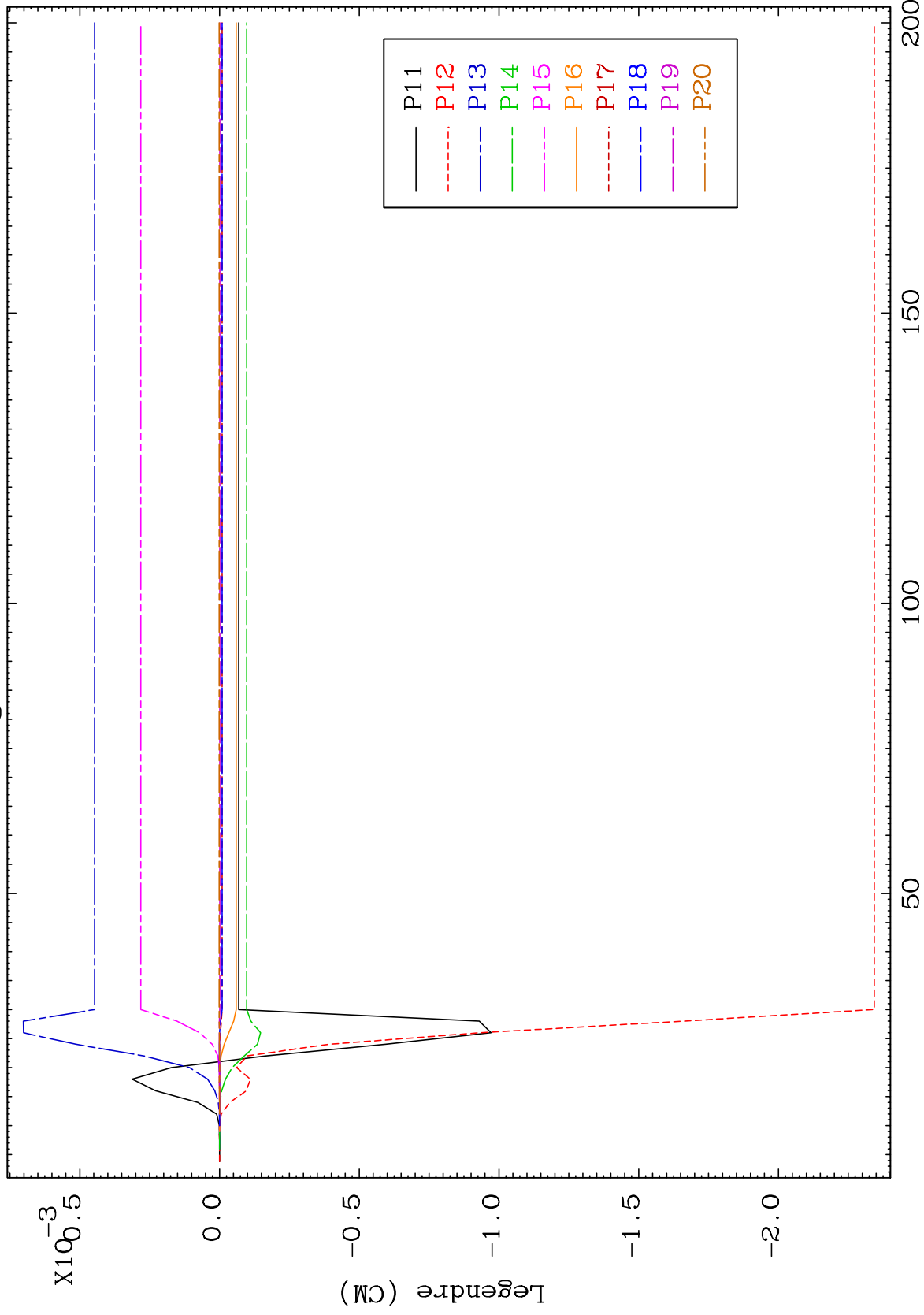
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



72

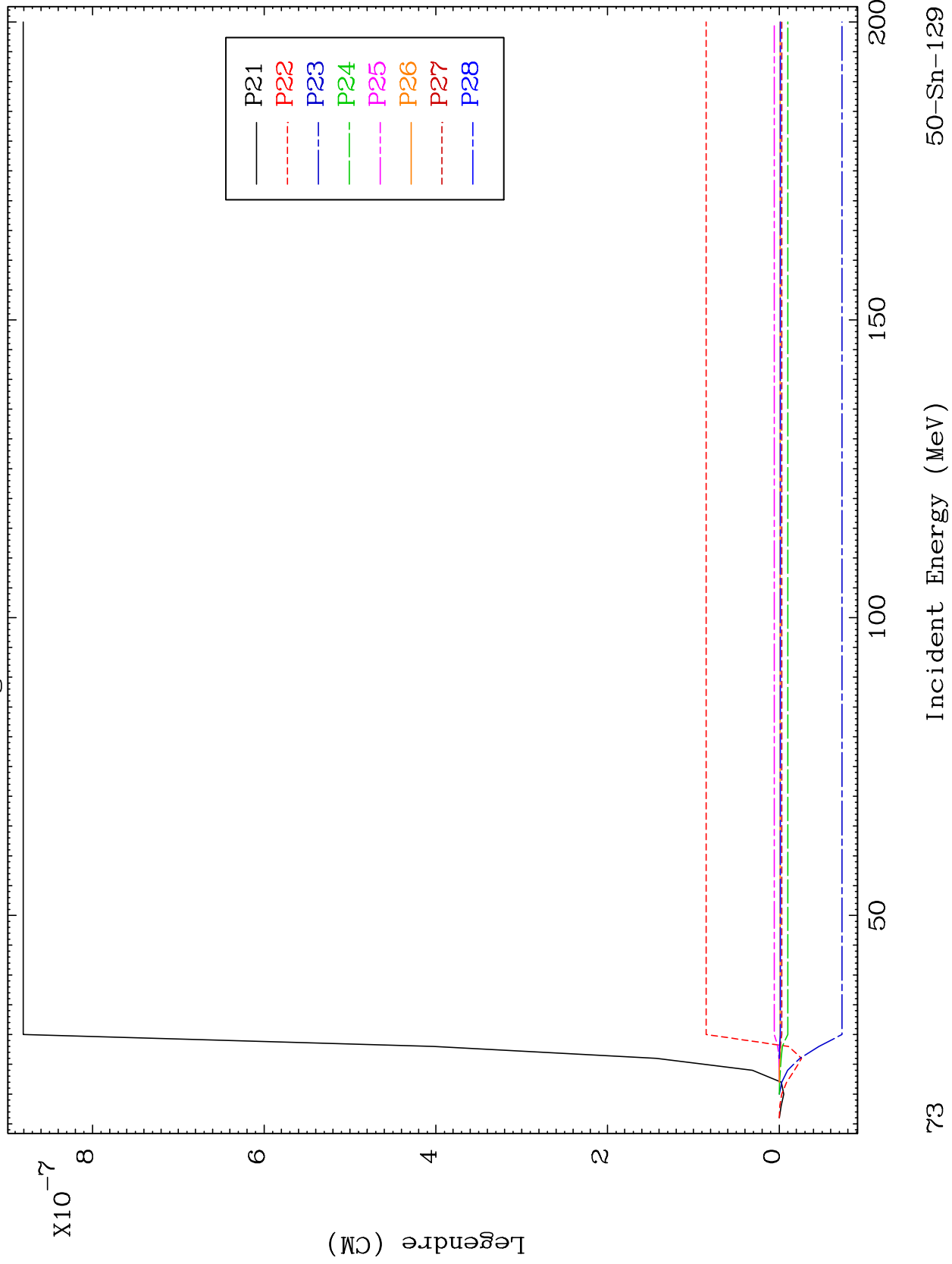
Incident Energy (MeV)

50-Sn-129

MAT 5076

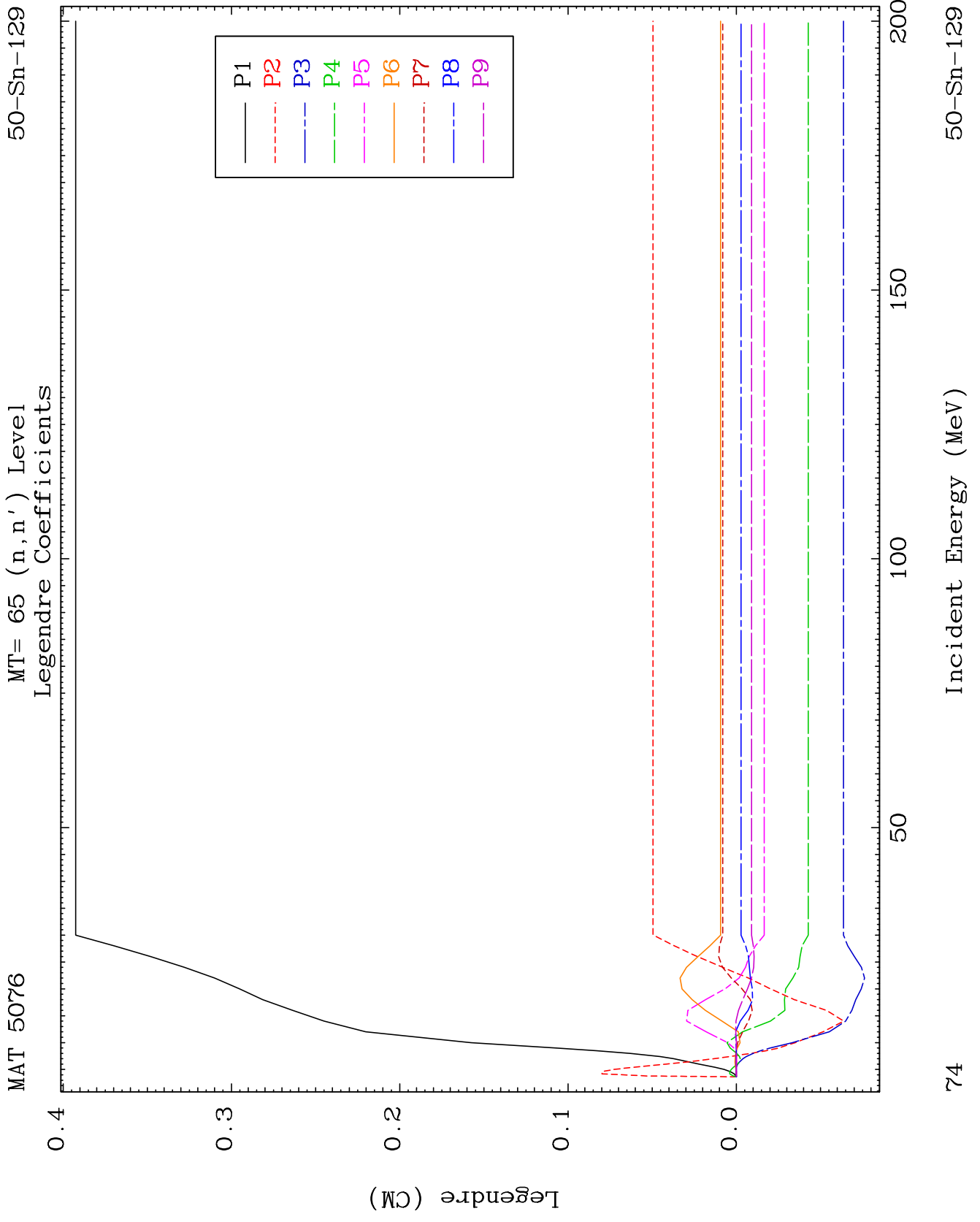
MT= 64 (n,n') Level
Legendre Coefficients

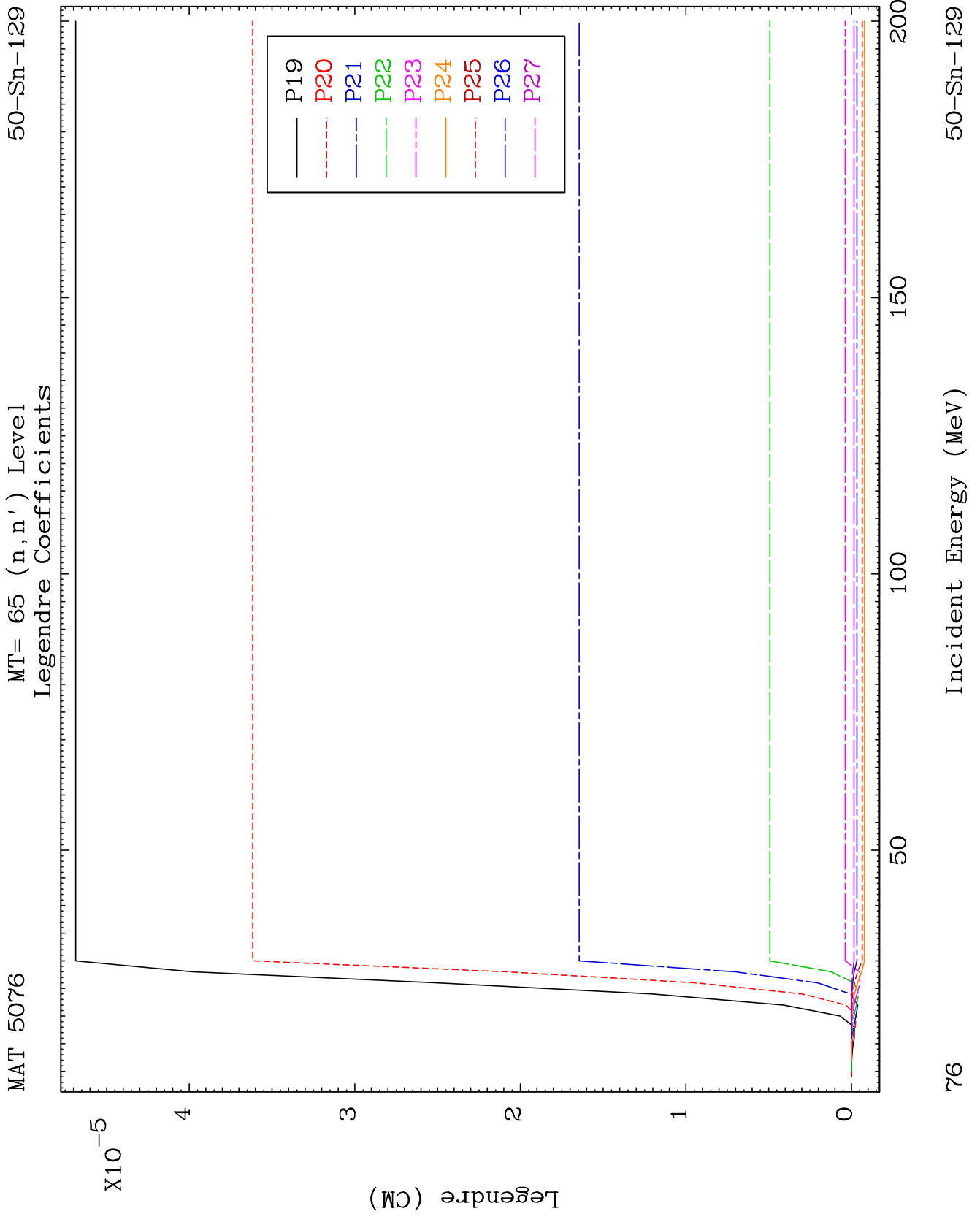
50-Sn-129

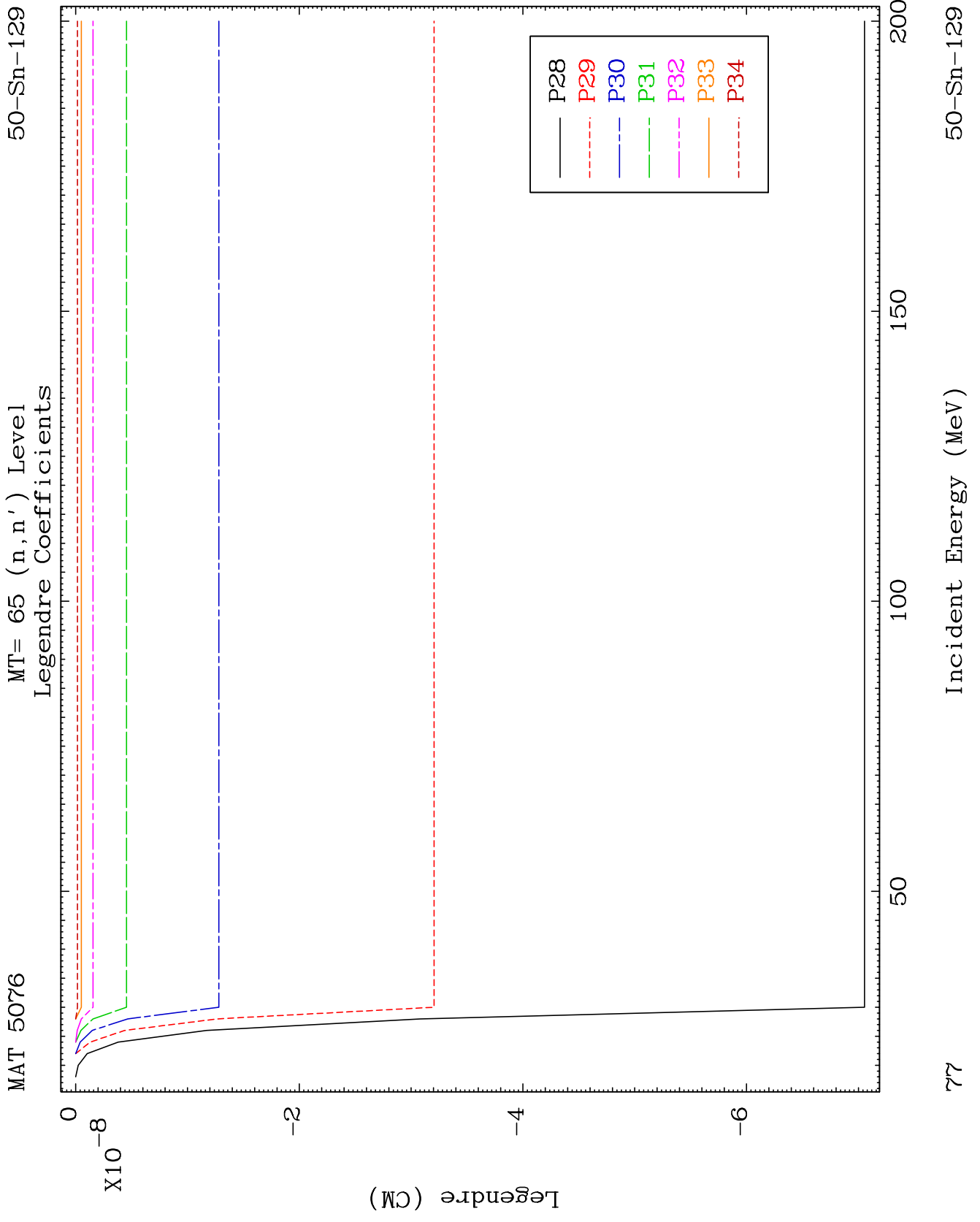


73

50-Sn-129



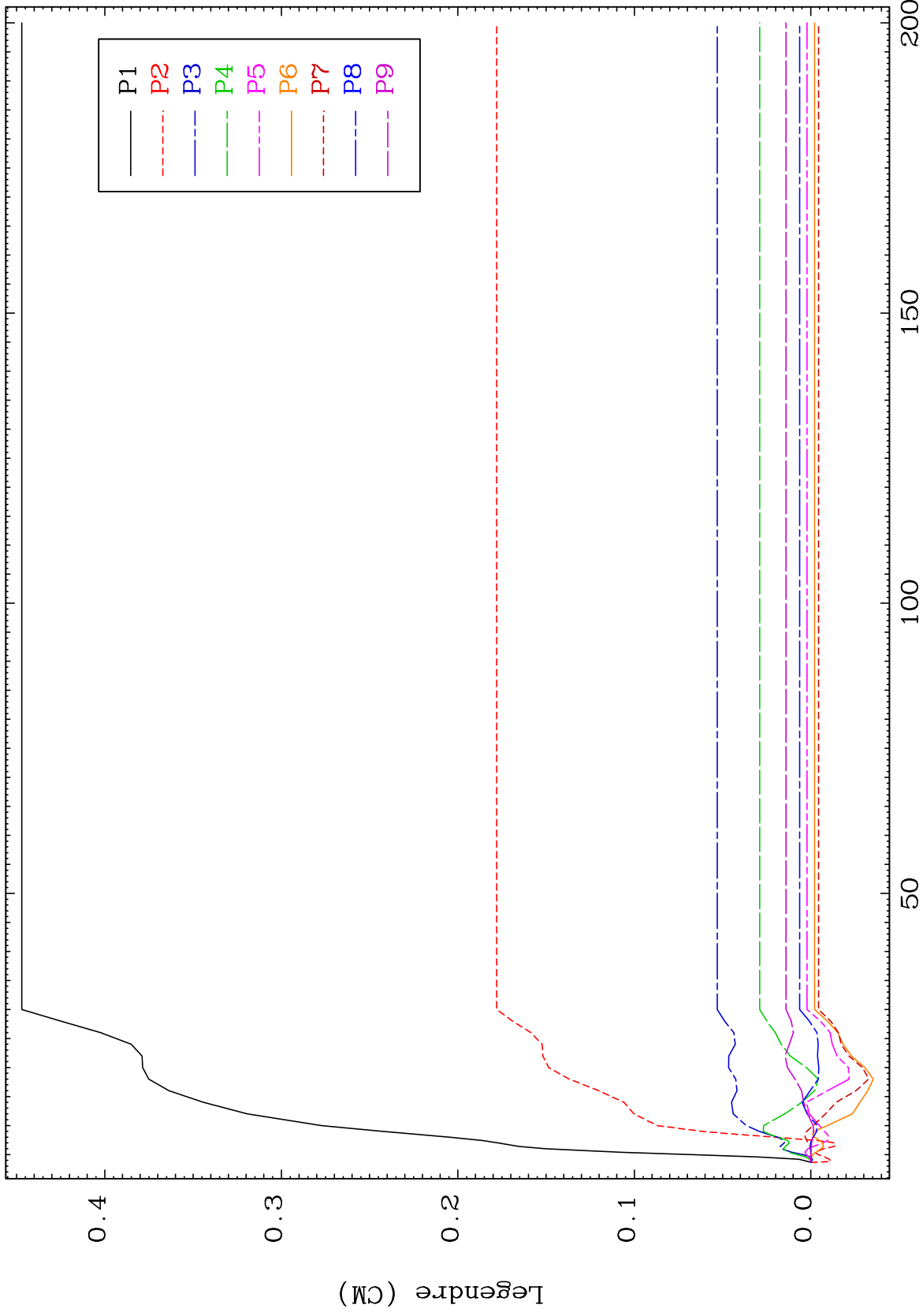




MAT 5076

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

50-Sn-129



78

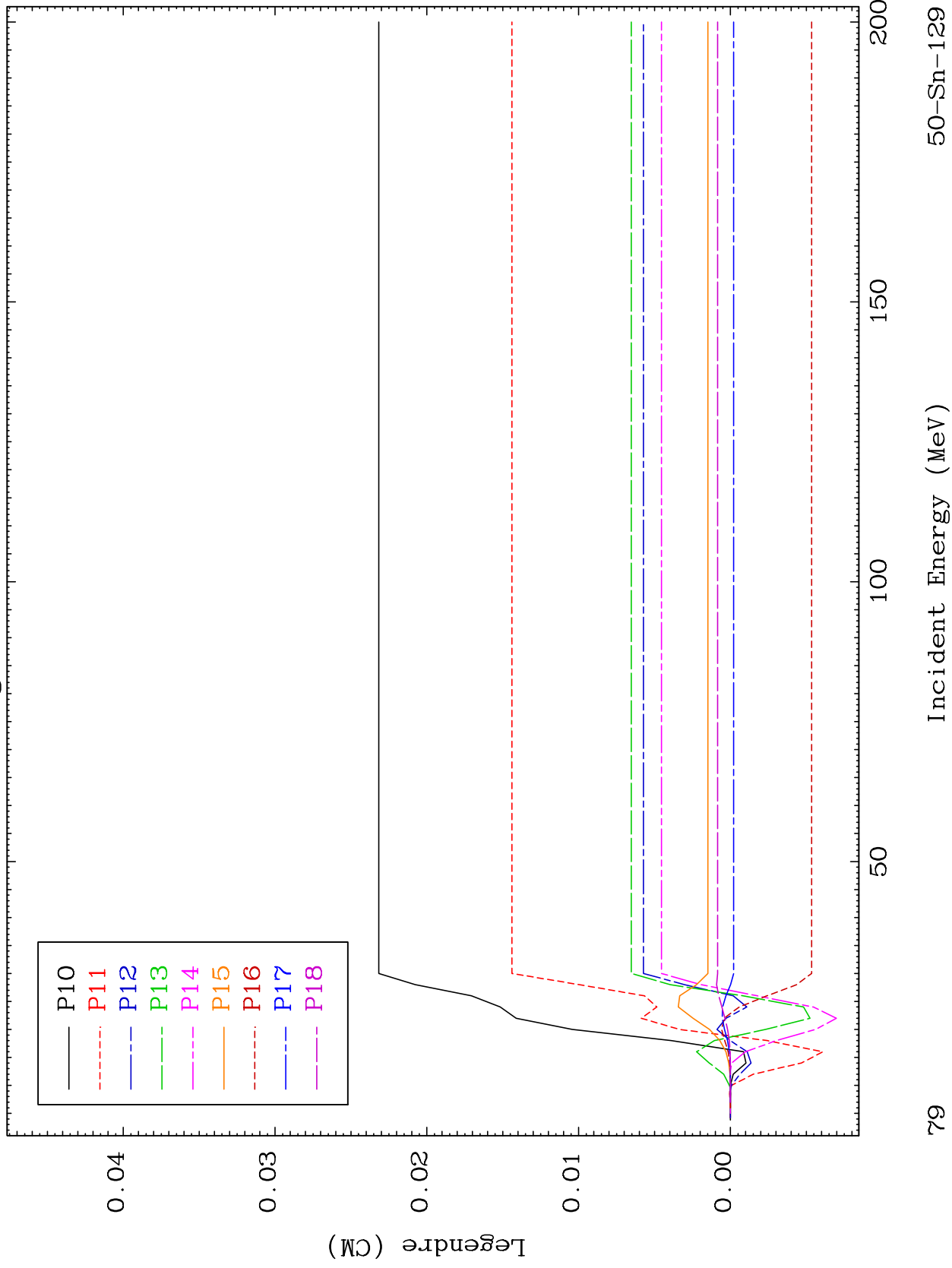
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



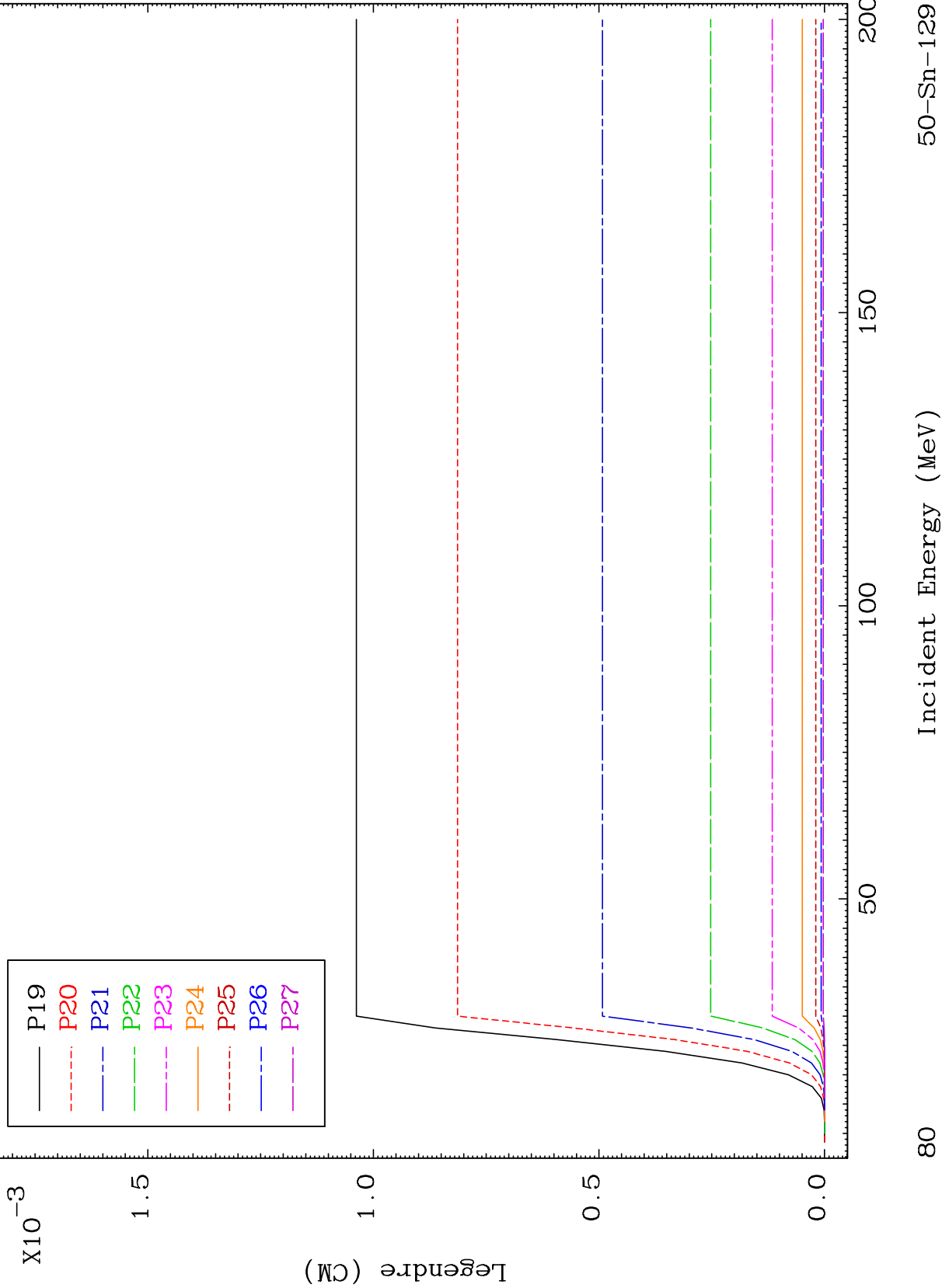
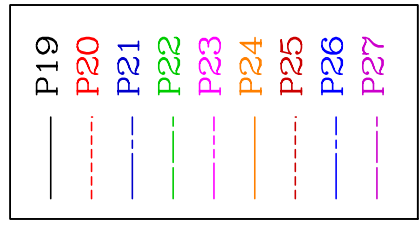
79

50-Sn-129

MAT 5076

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

50-Sn-129



80

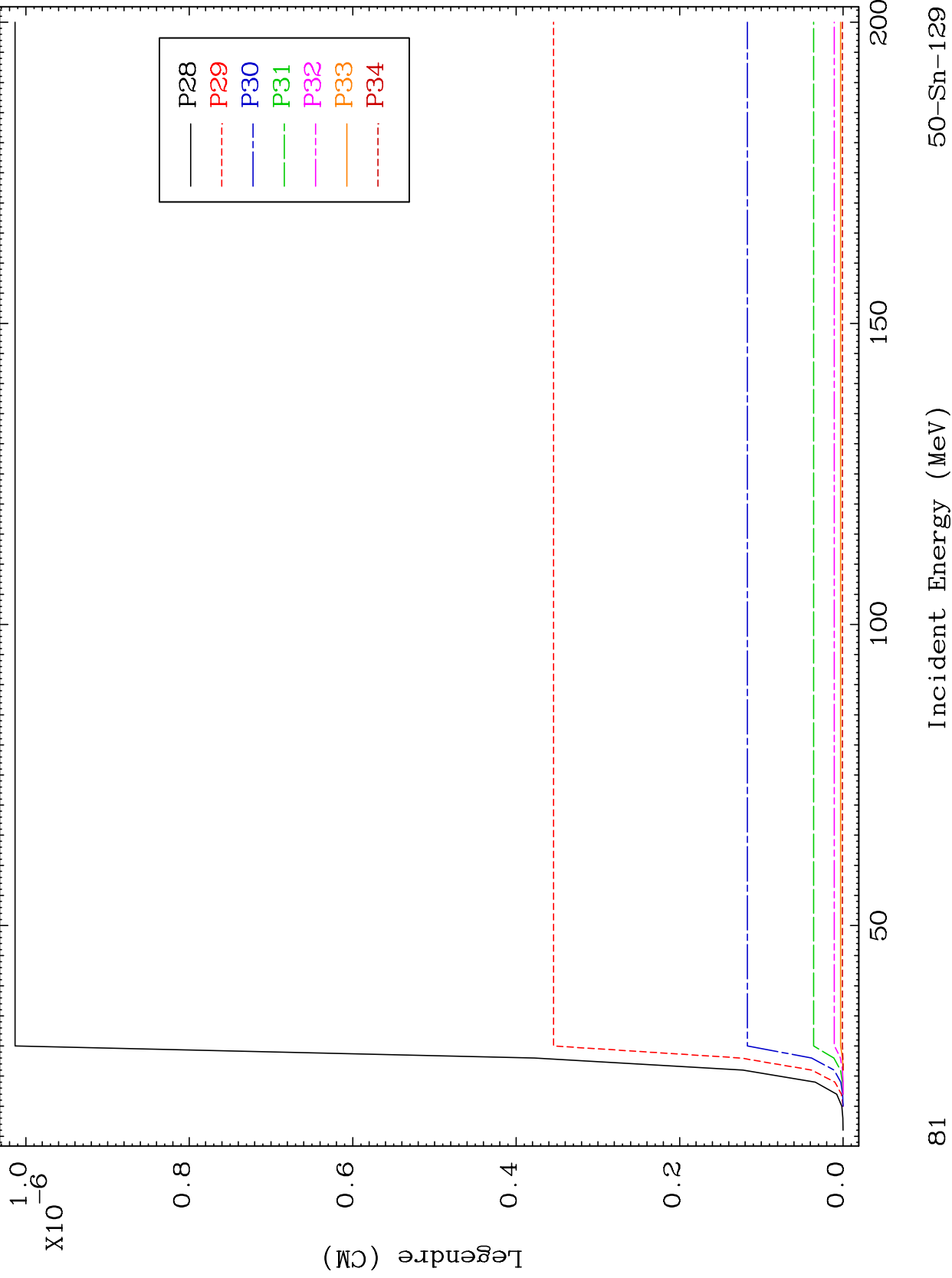
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129

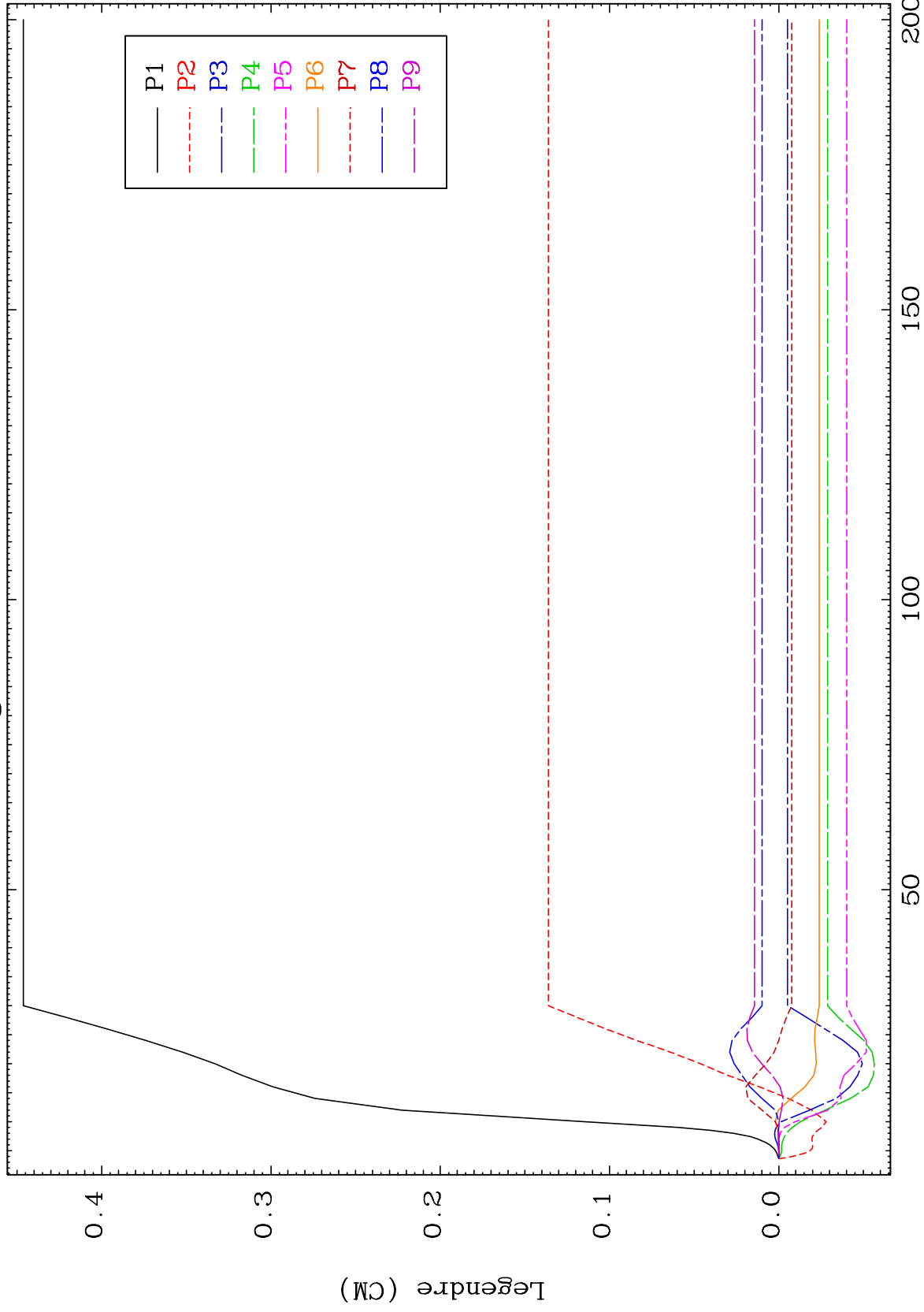


81

MAT 5076

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

50-Sn-129



82

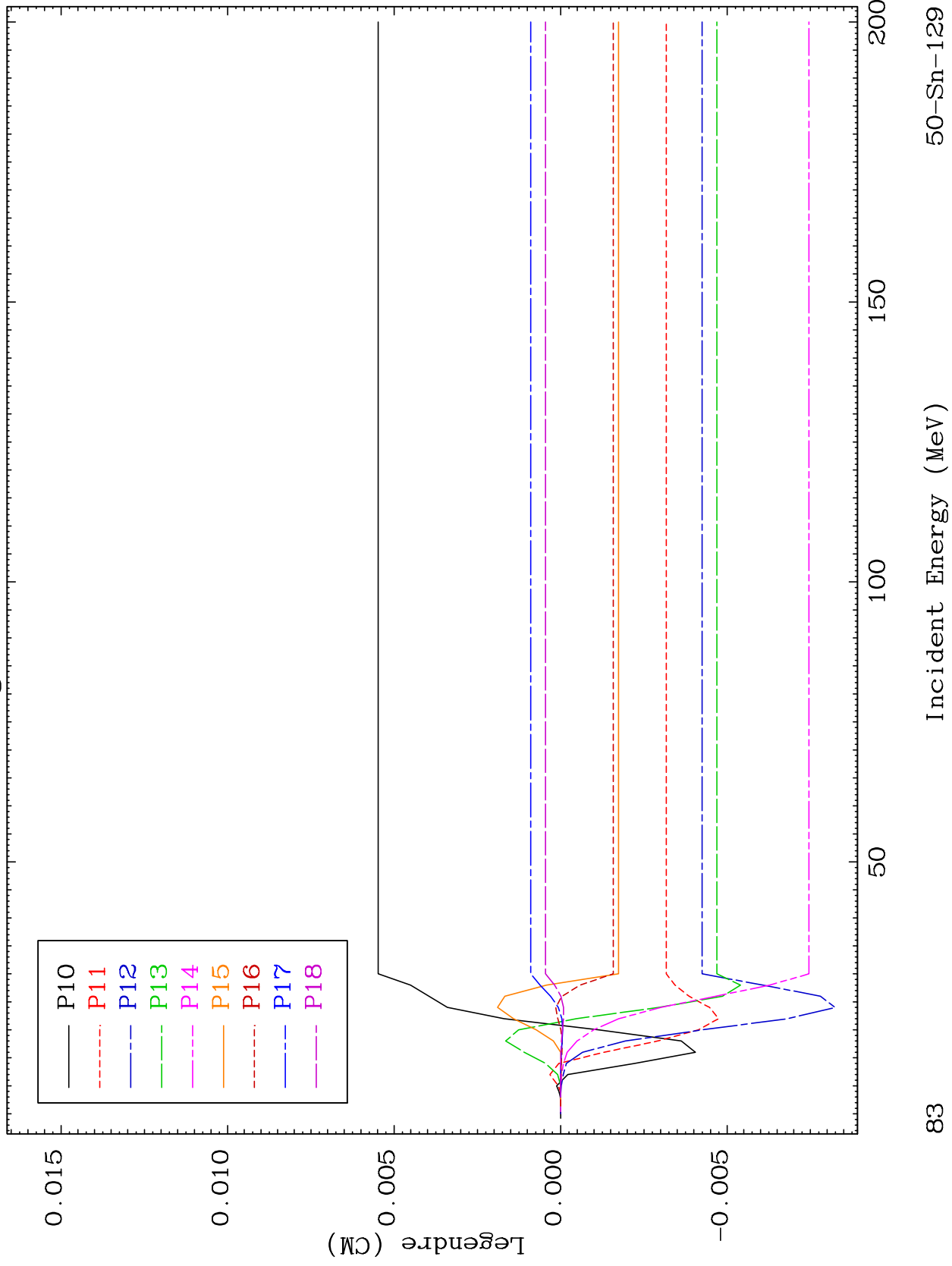
Incident Energy (MeV)

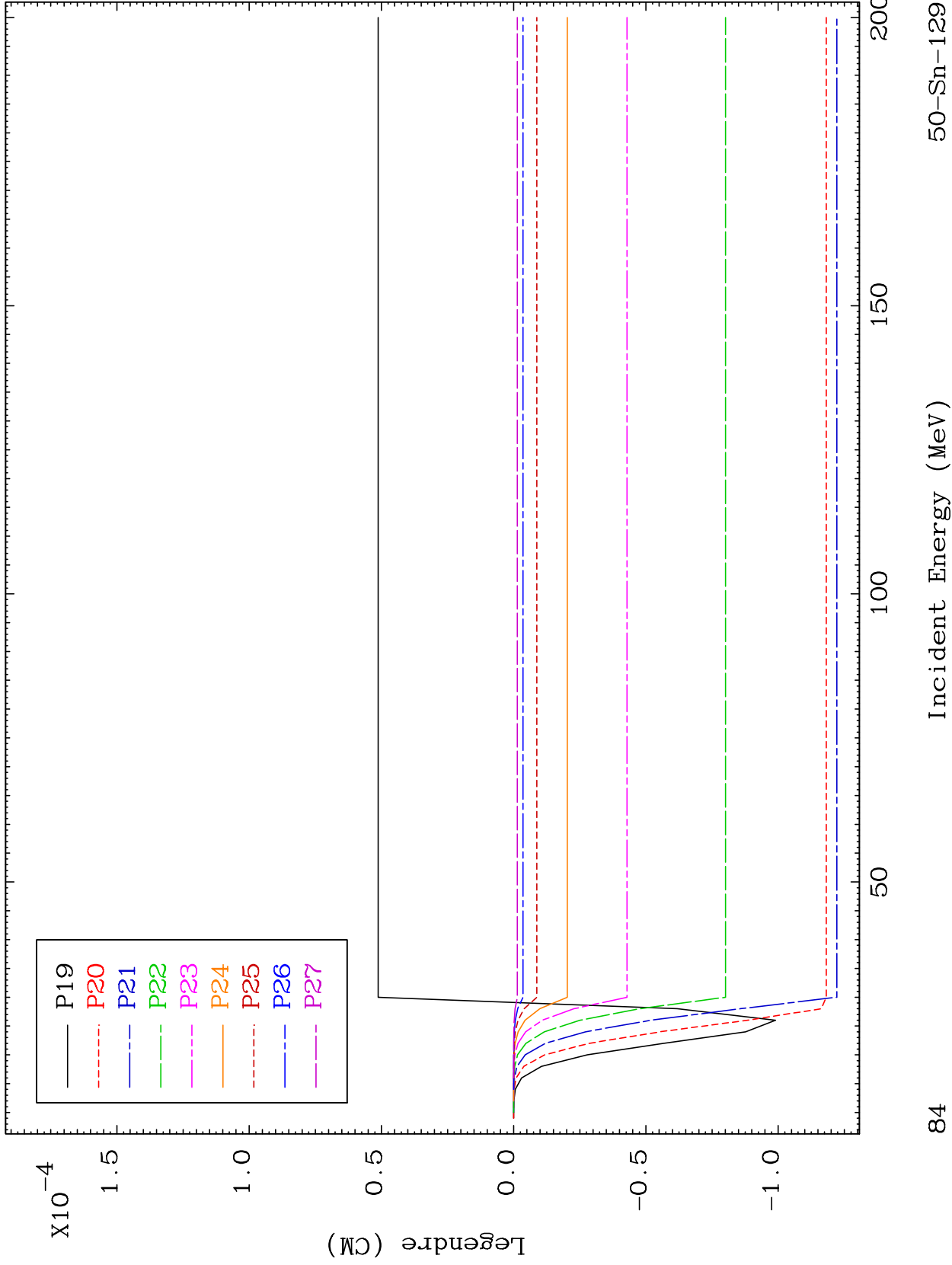
50-Sn-129

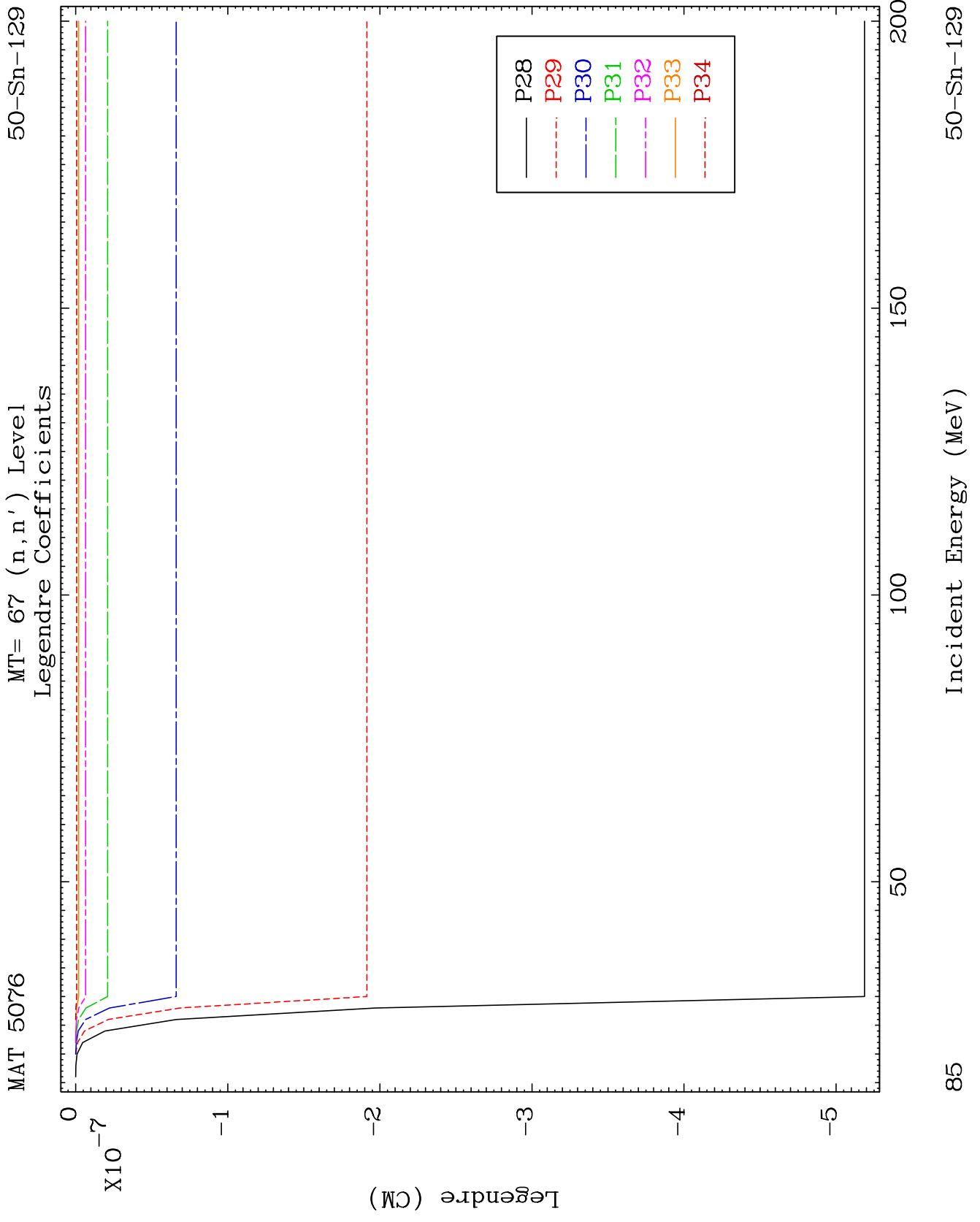
MAT 5076

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

50-Sn-129



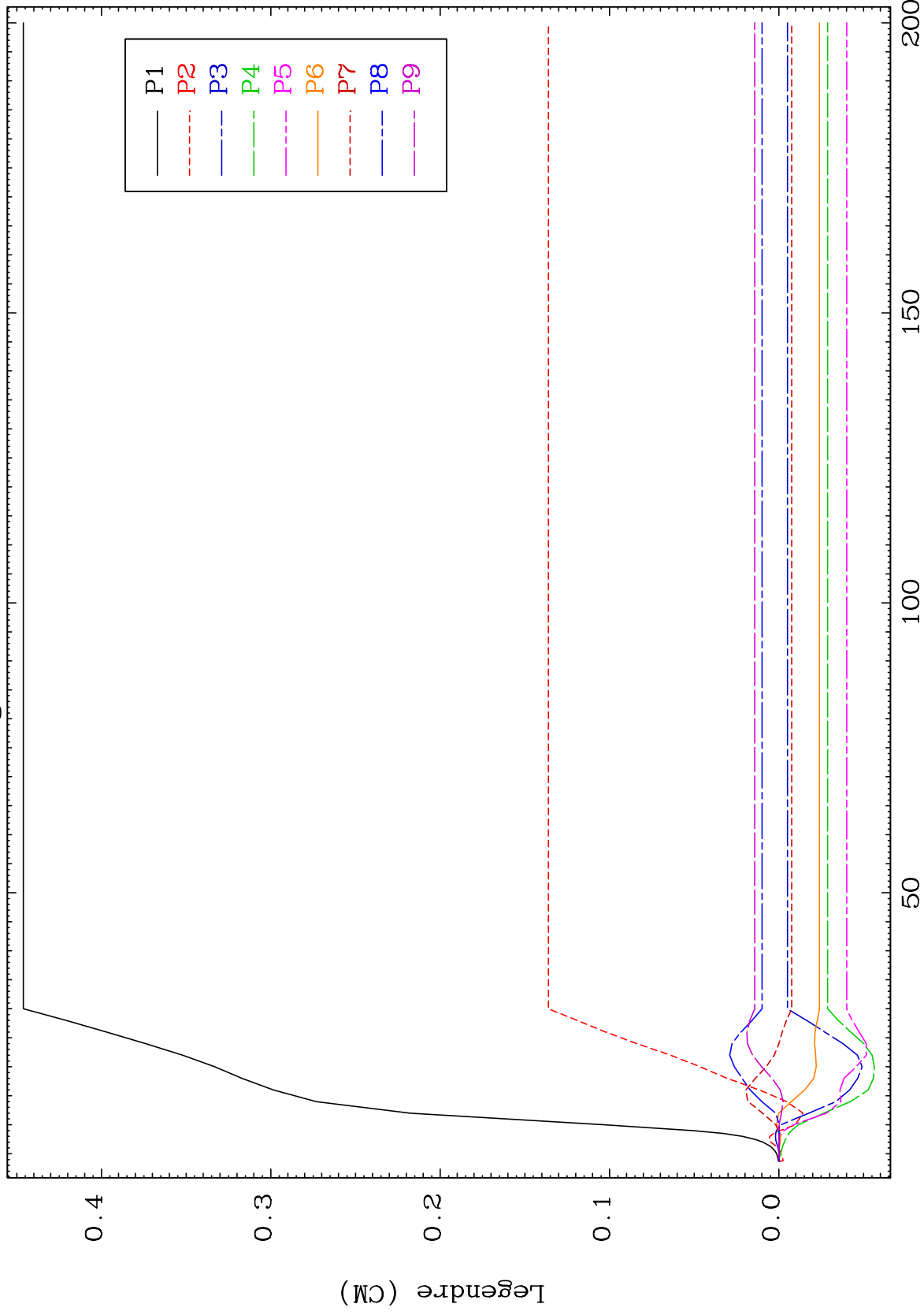




MAT 5076

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

50-Sn-129



86

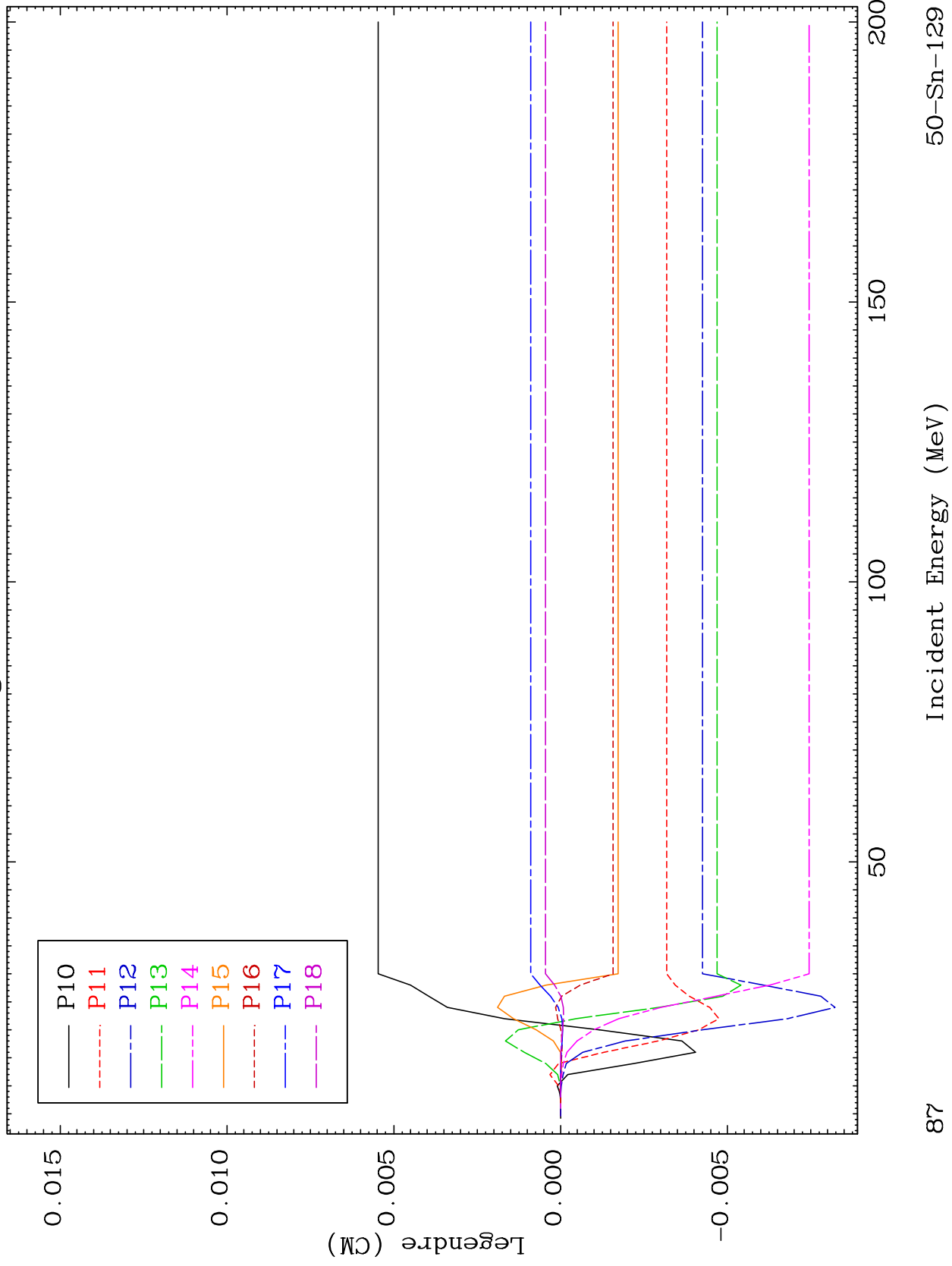
Incident Energy (MeV)

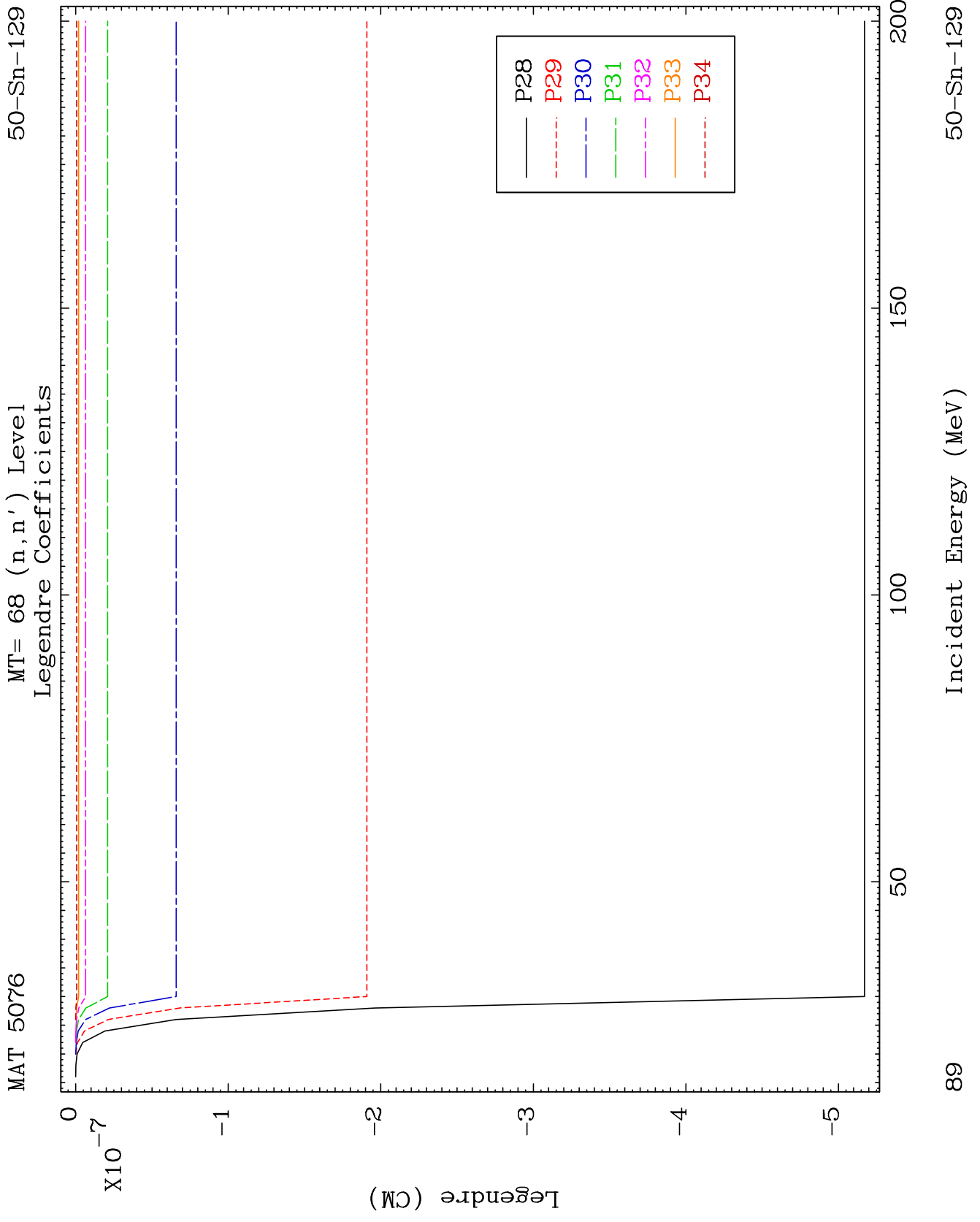
50-Sn-129

MAT 5076

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

50-Sn-129

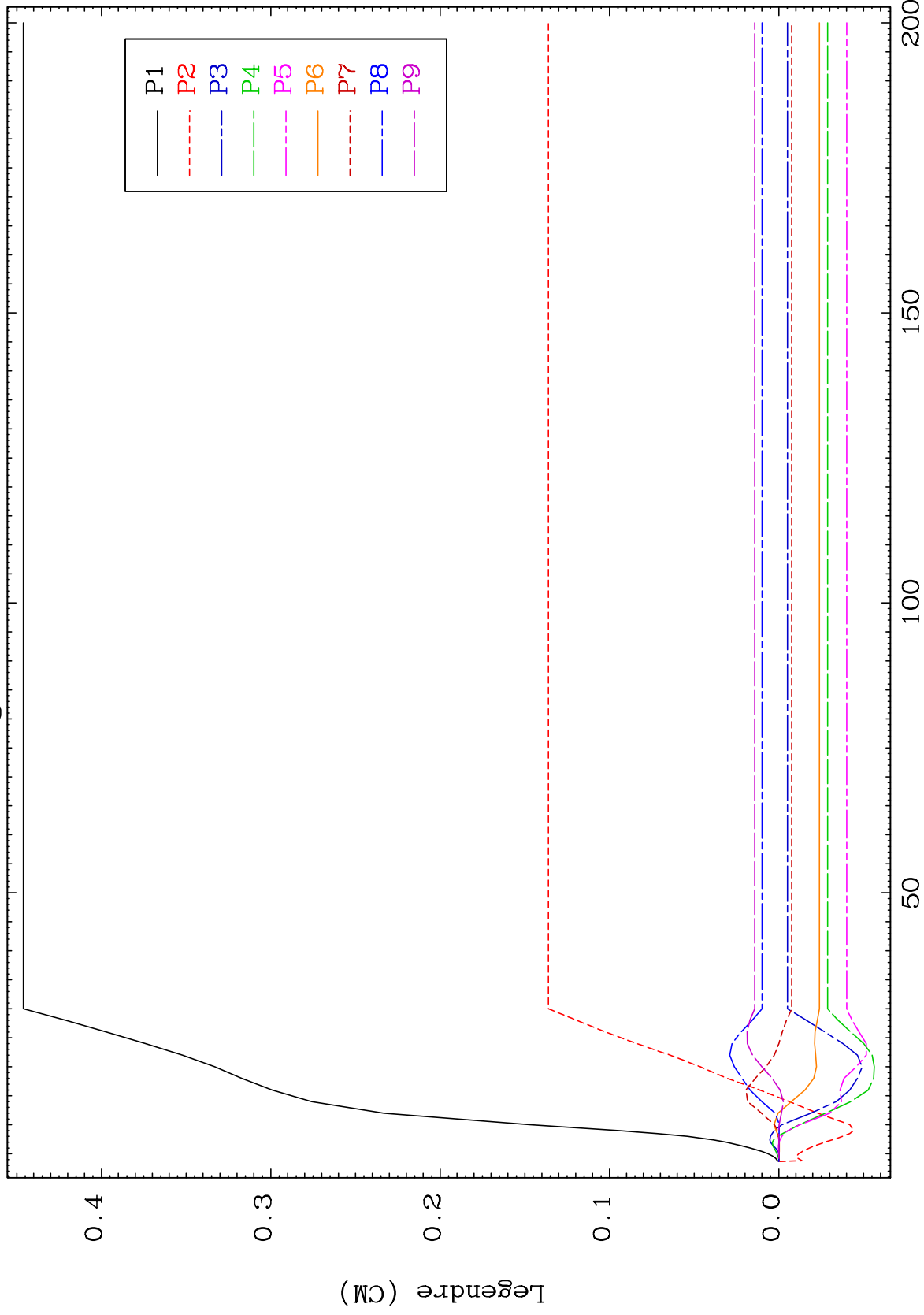




MAT 5076

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

50-Sn-129



90

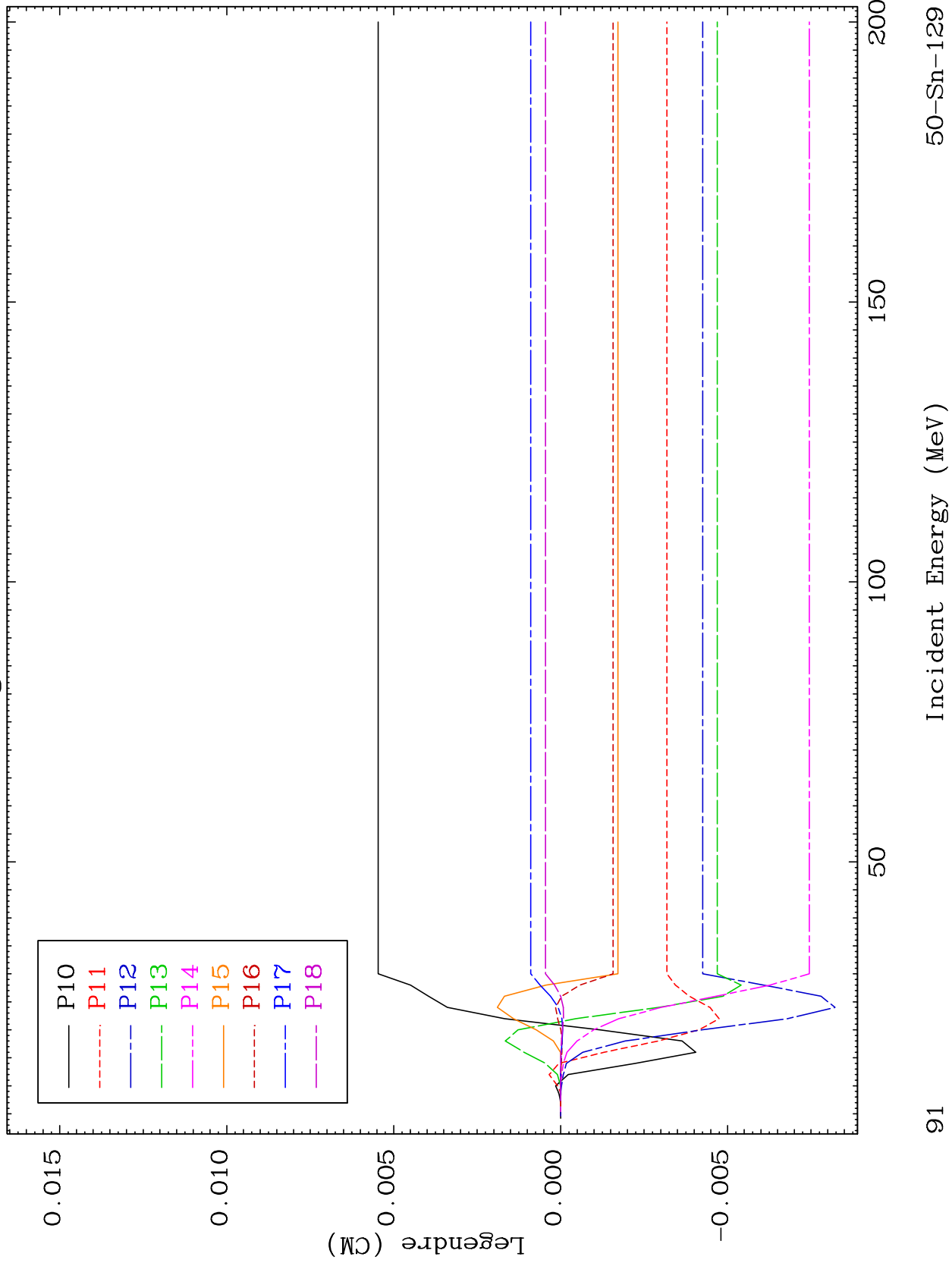
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

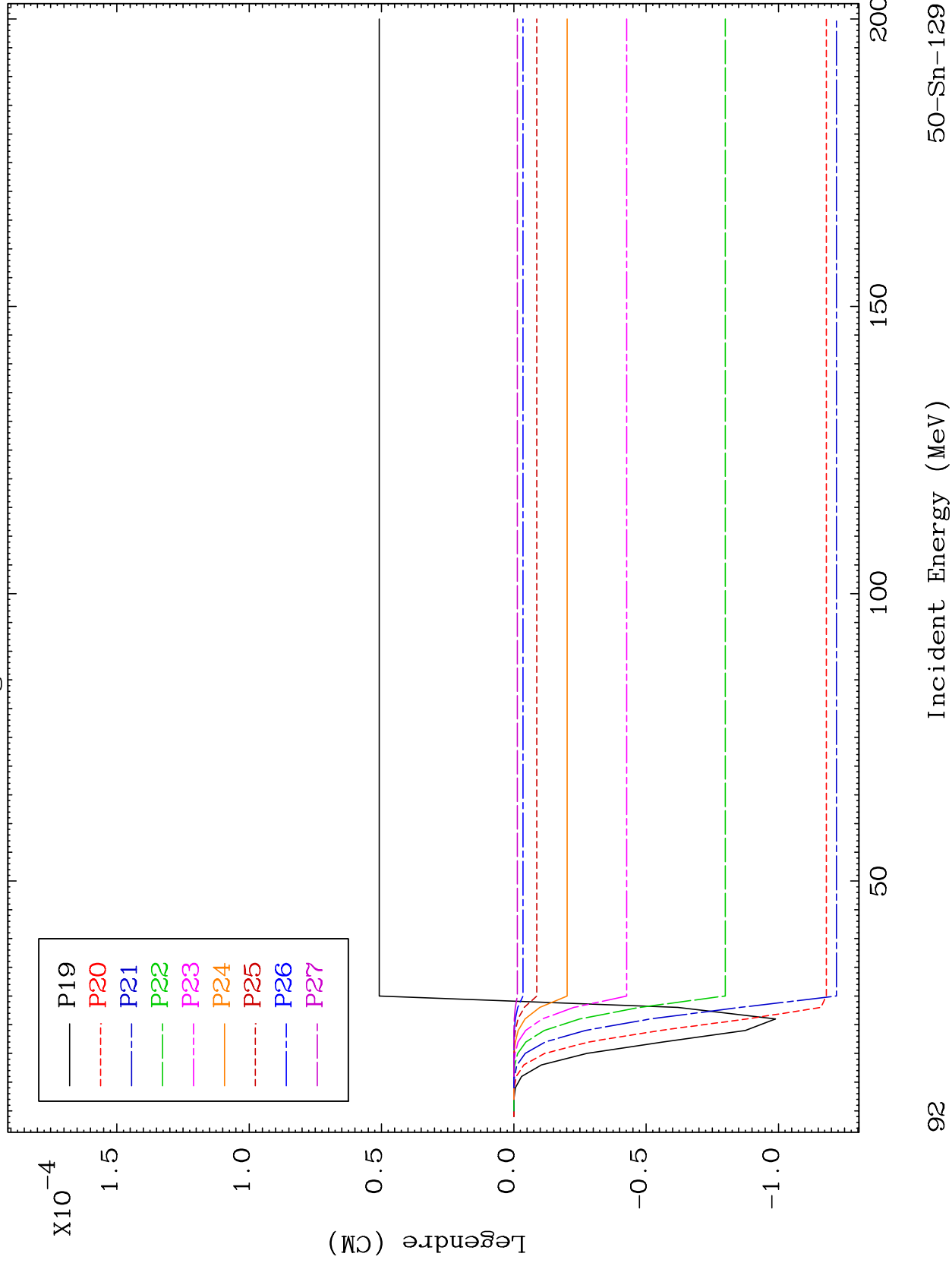
50-Sn-129

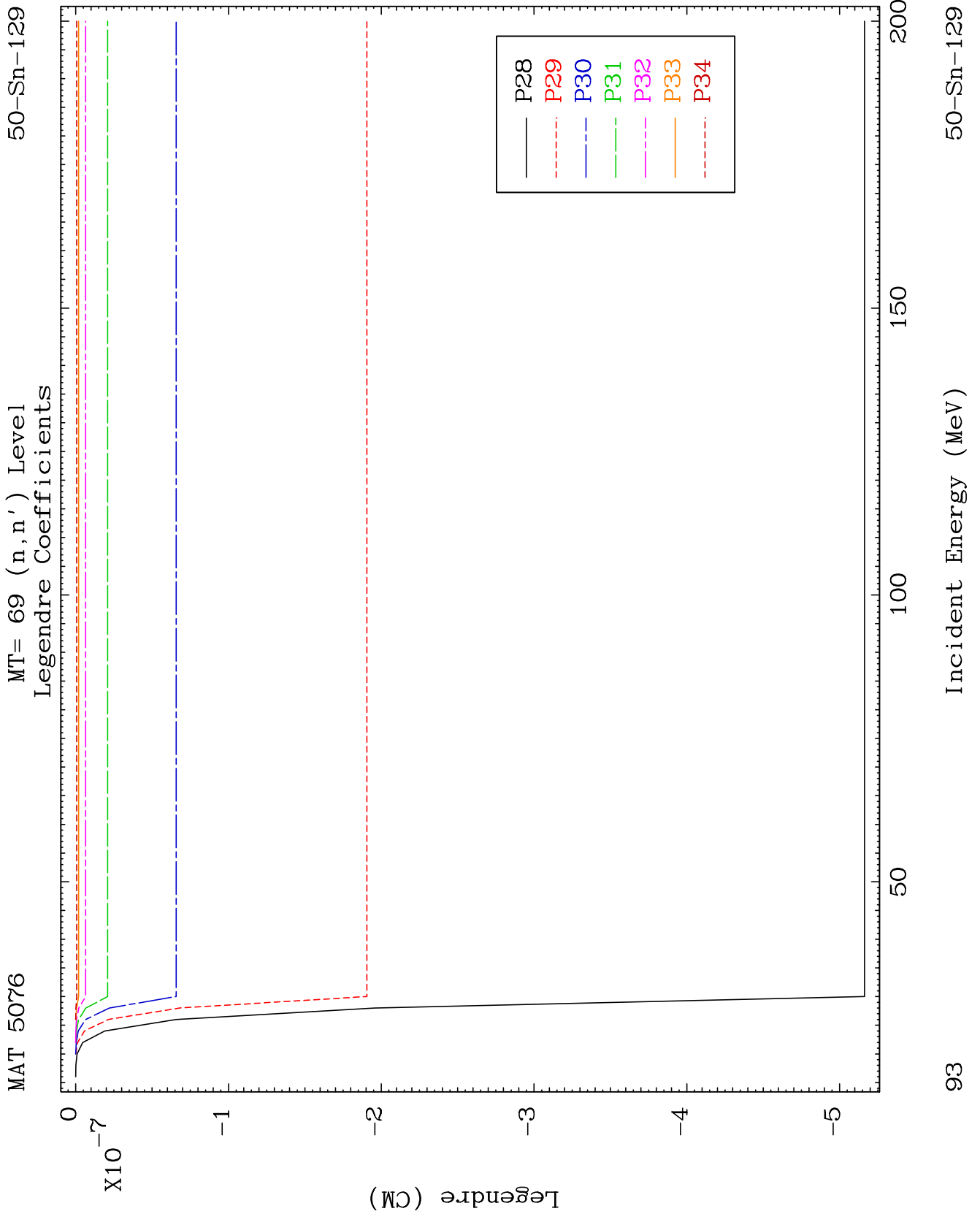


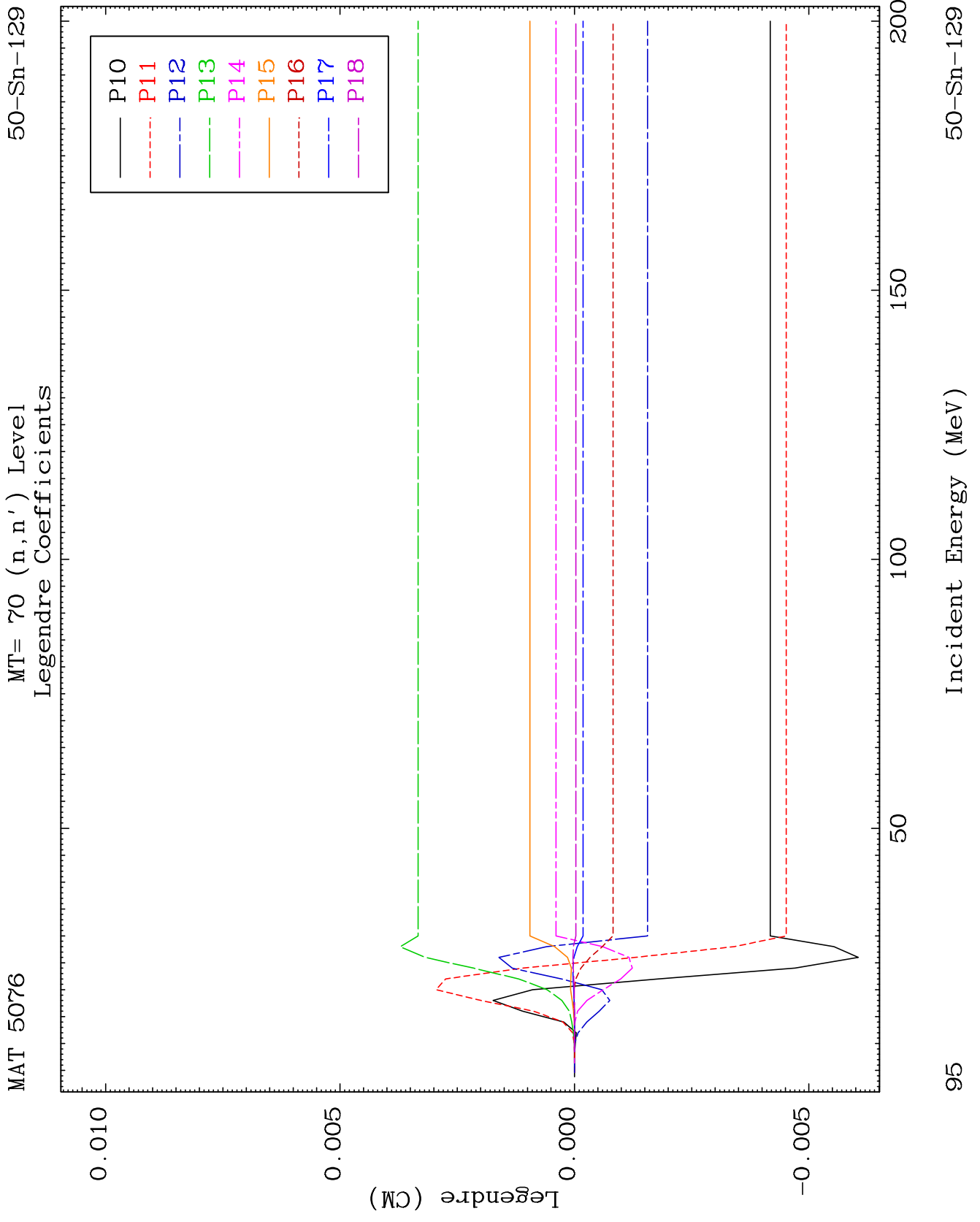
MAT 5076

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

50-Sn-129



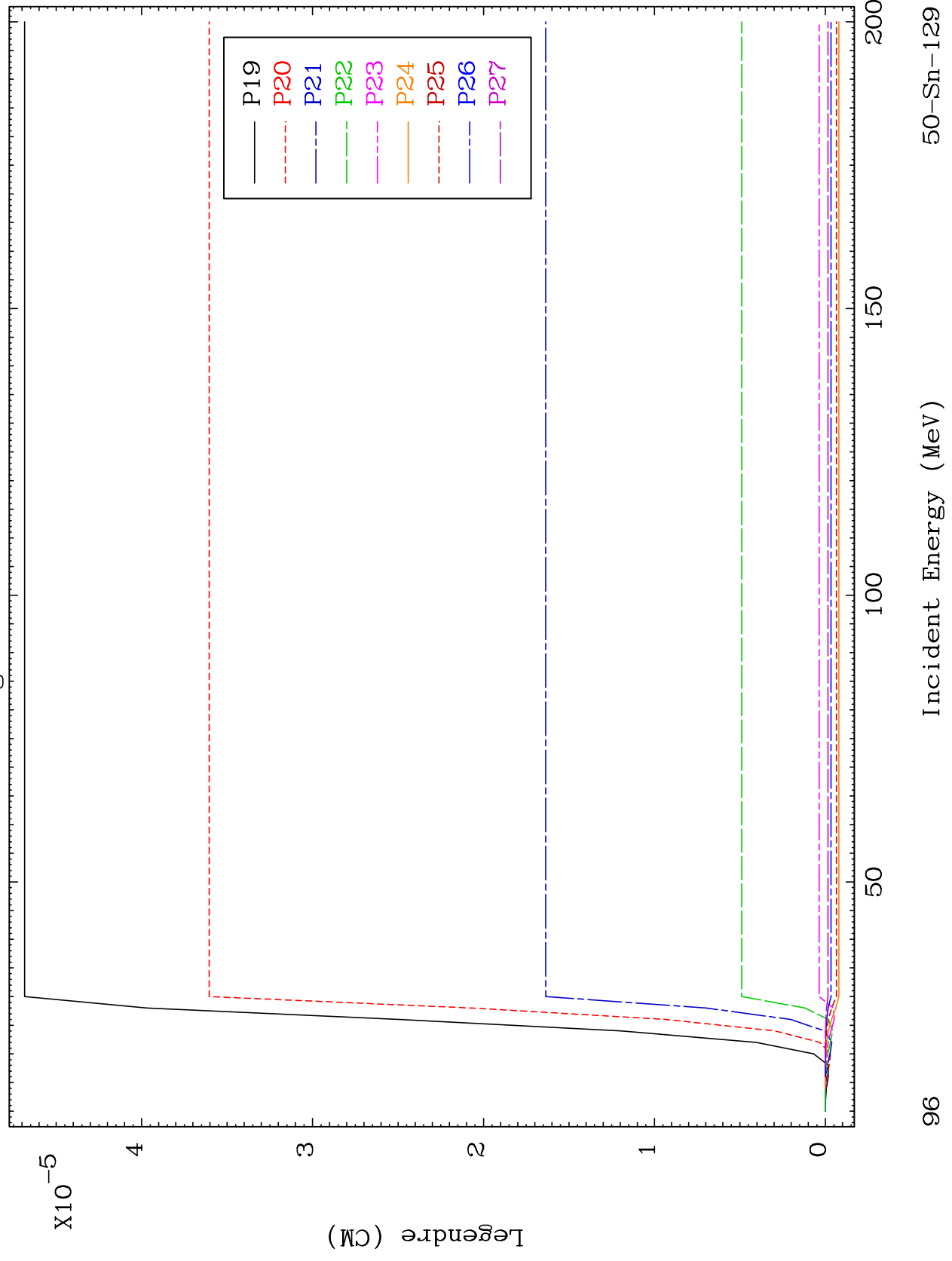




MAT 5076

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

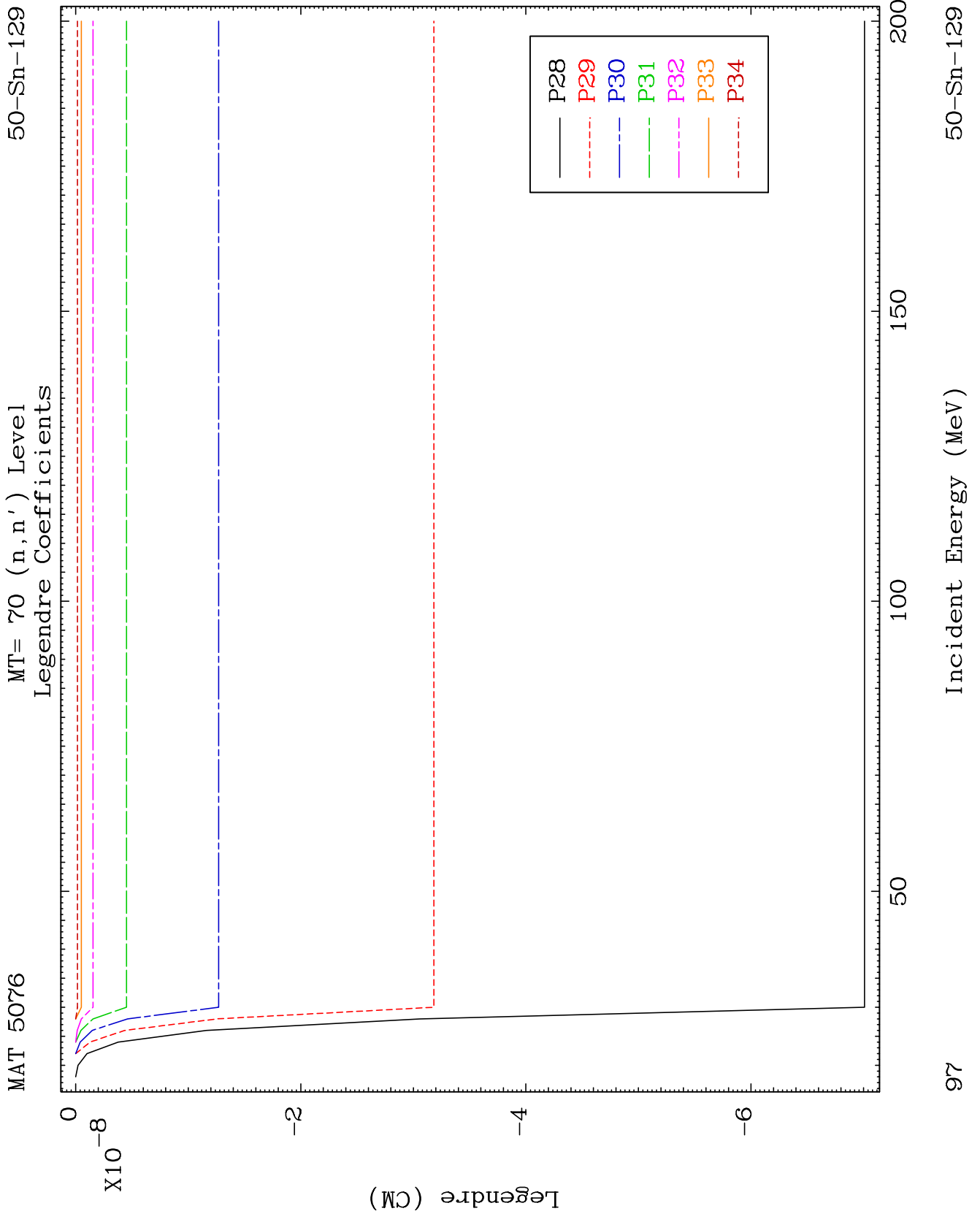
50-Sn-129



50-Sn-129

Incident Energy (MeV)

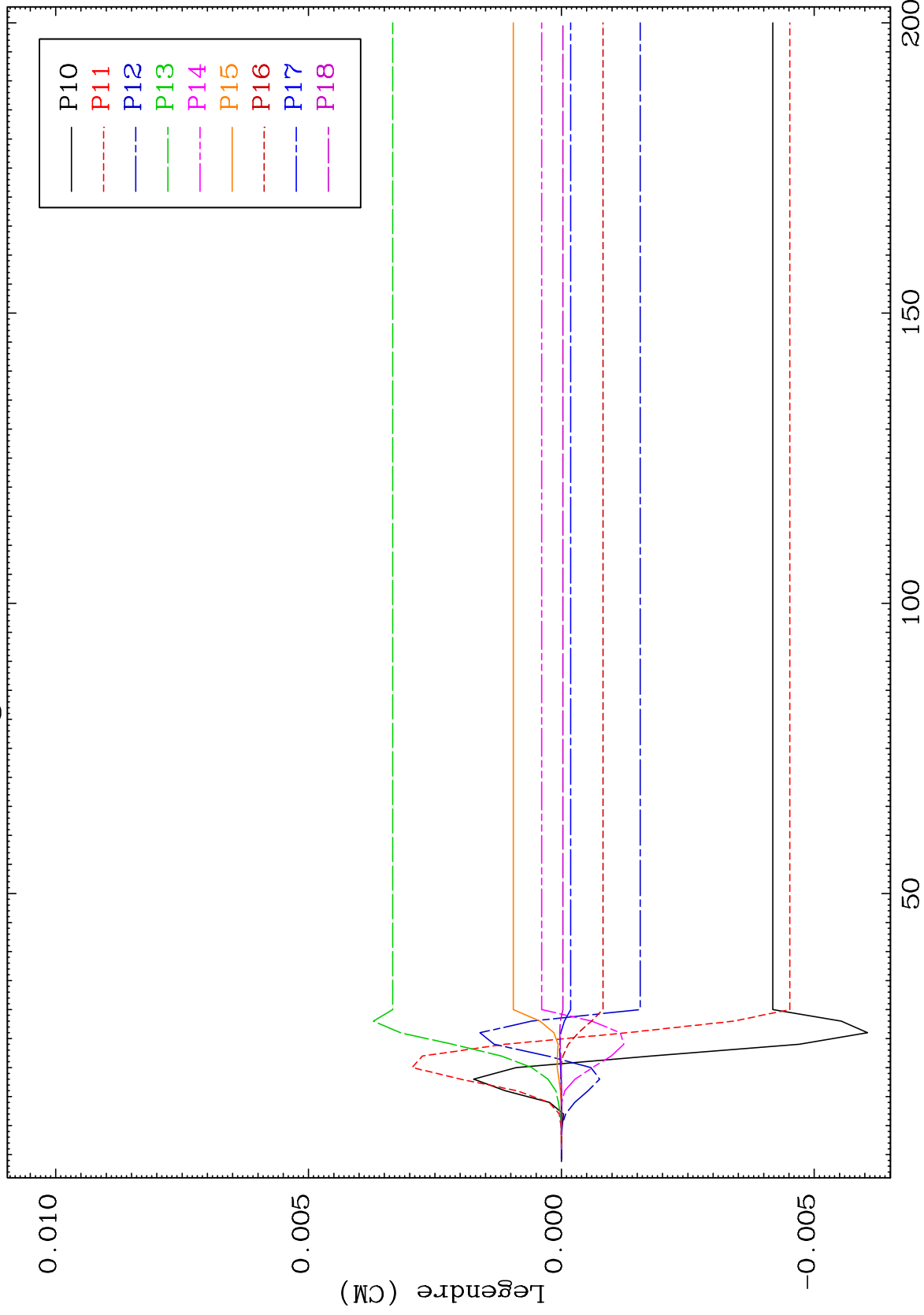
96



MAT 5076

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

50-Sn-129



99

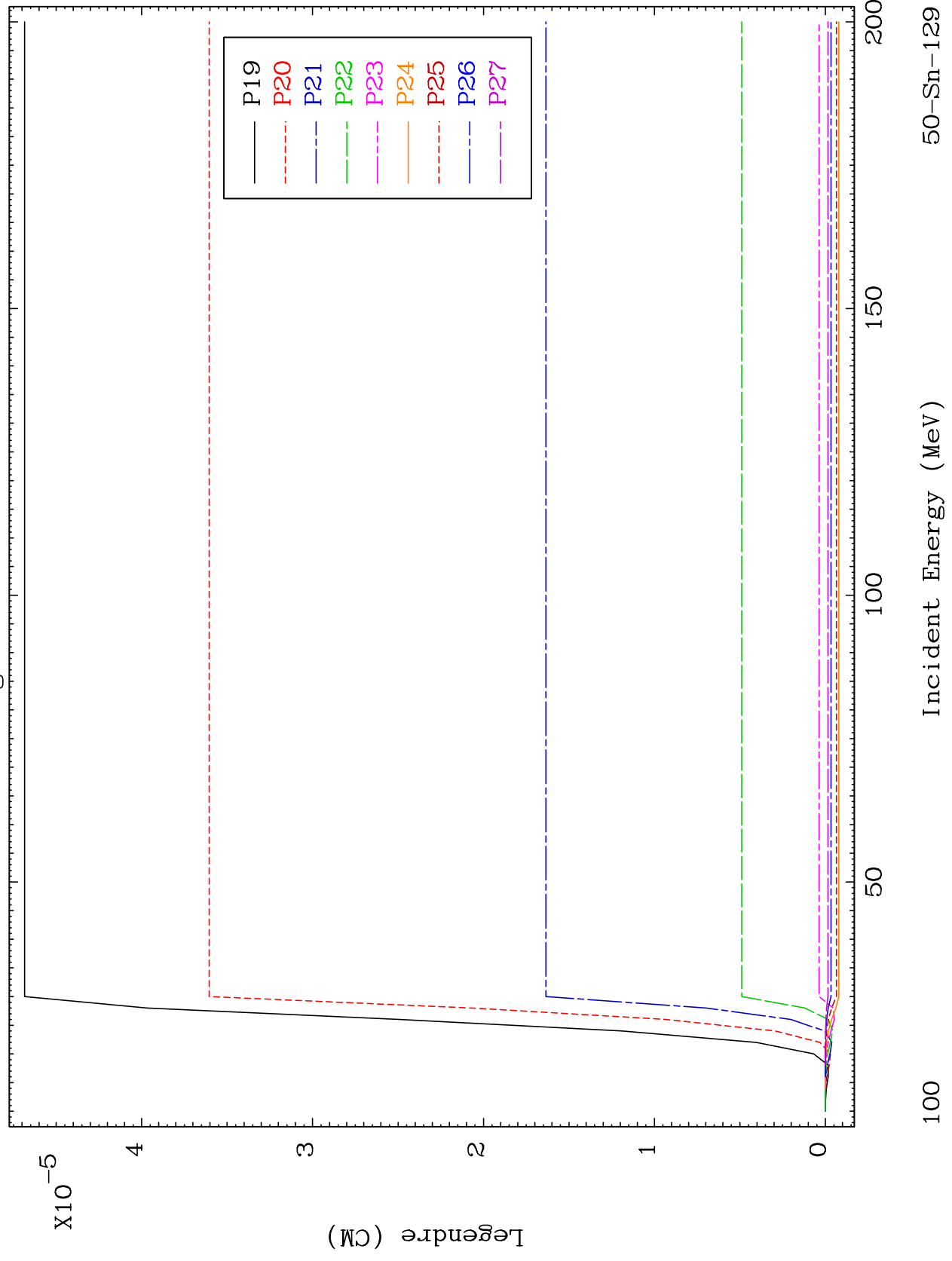
Incident Energy (MeV)

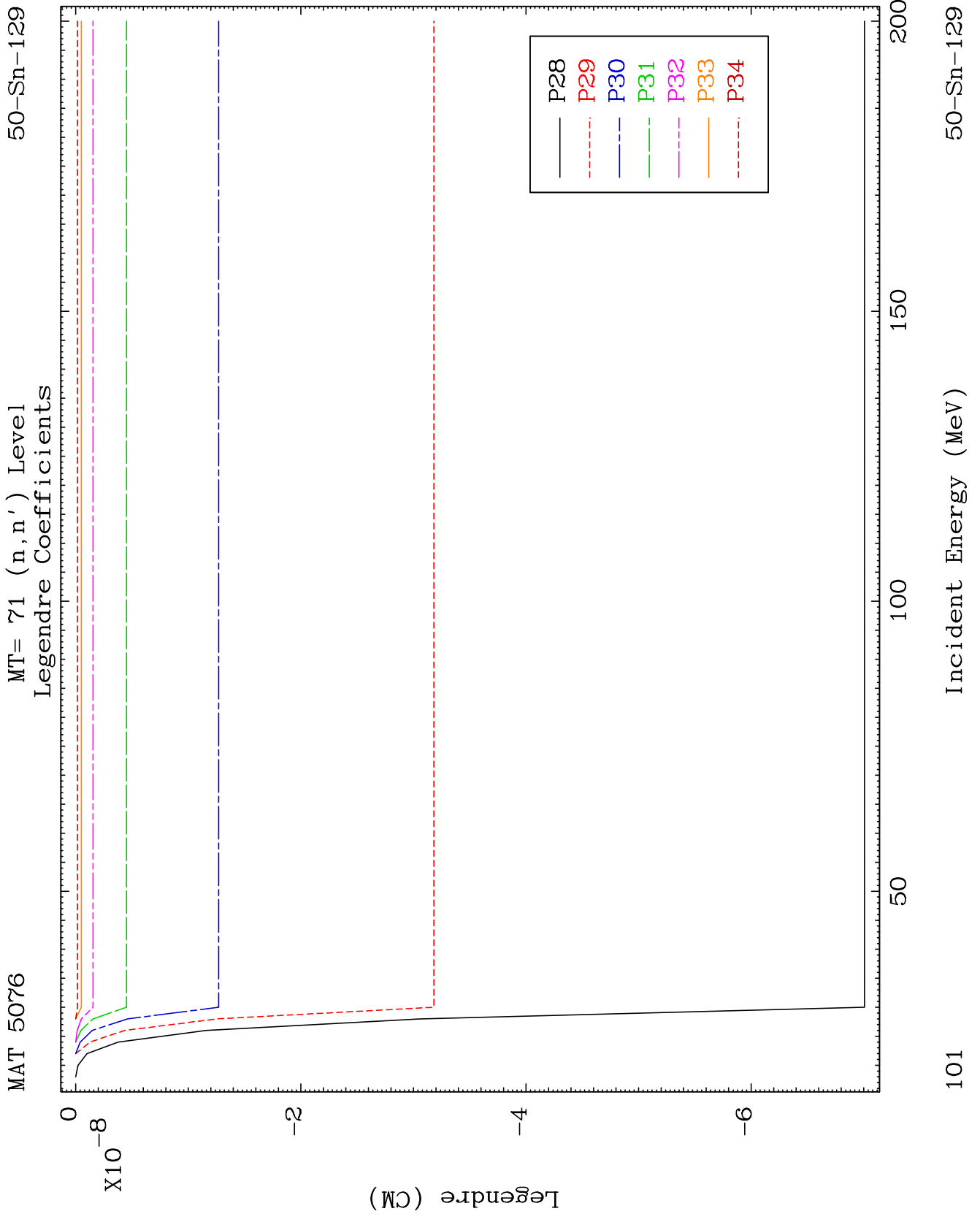
50-Sn-129

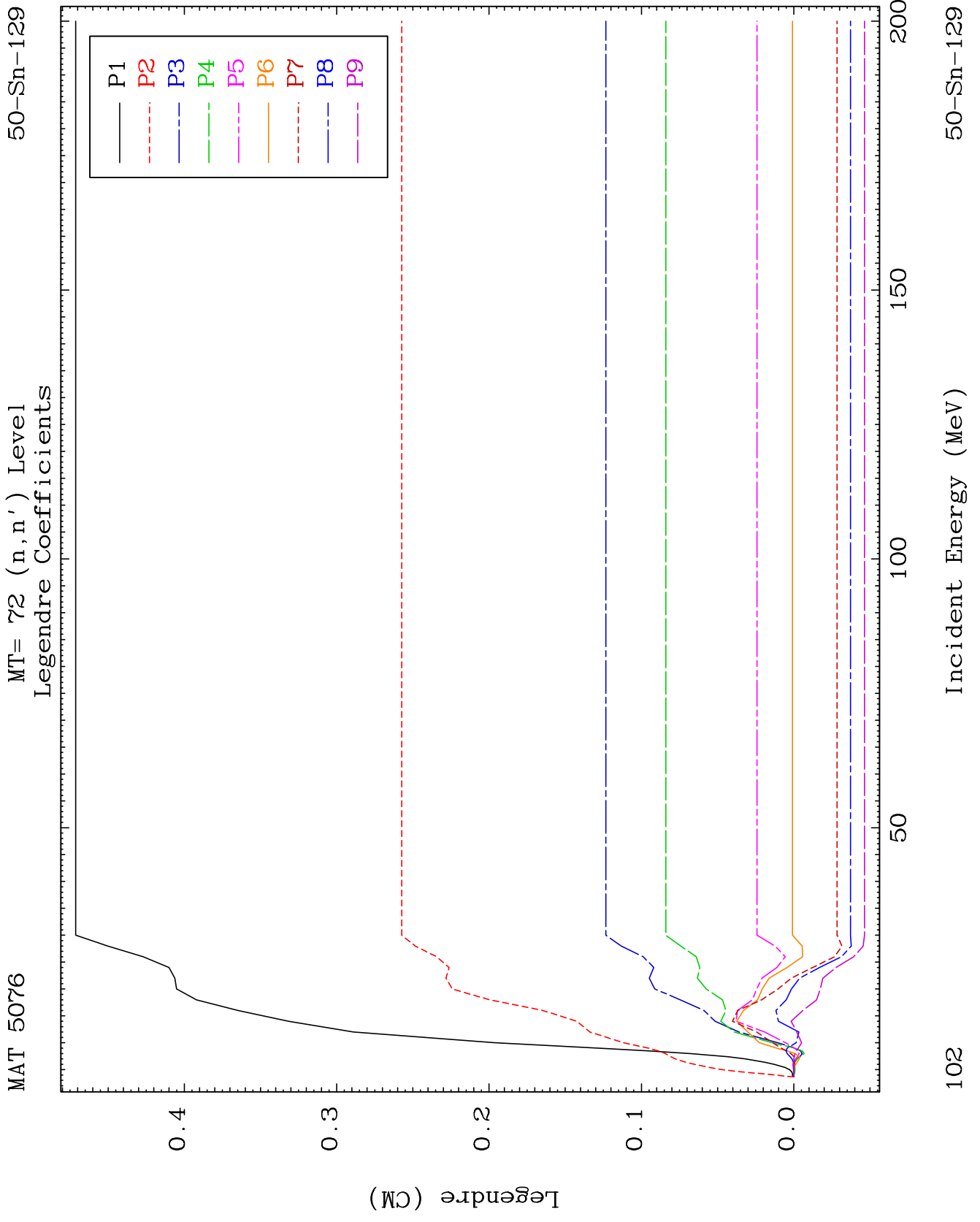
MAT 5076

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

50-Sn-129



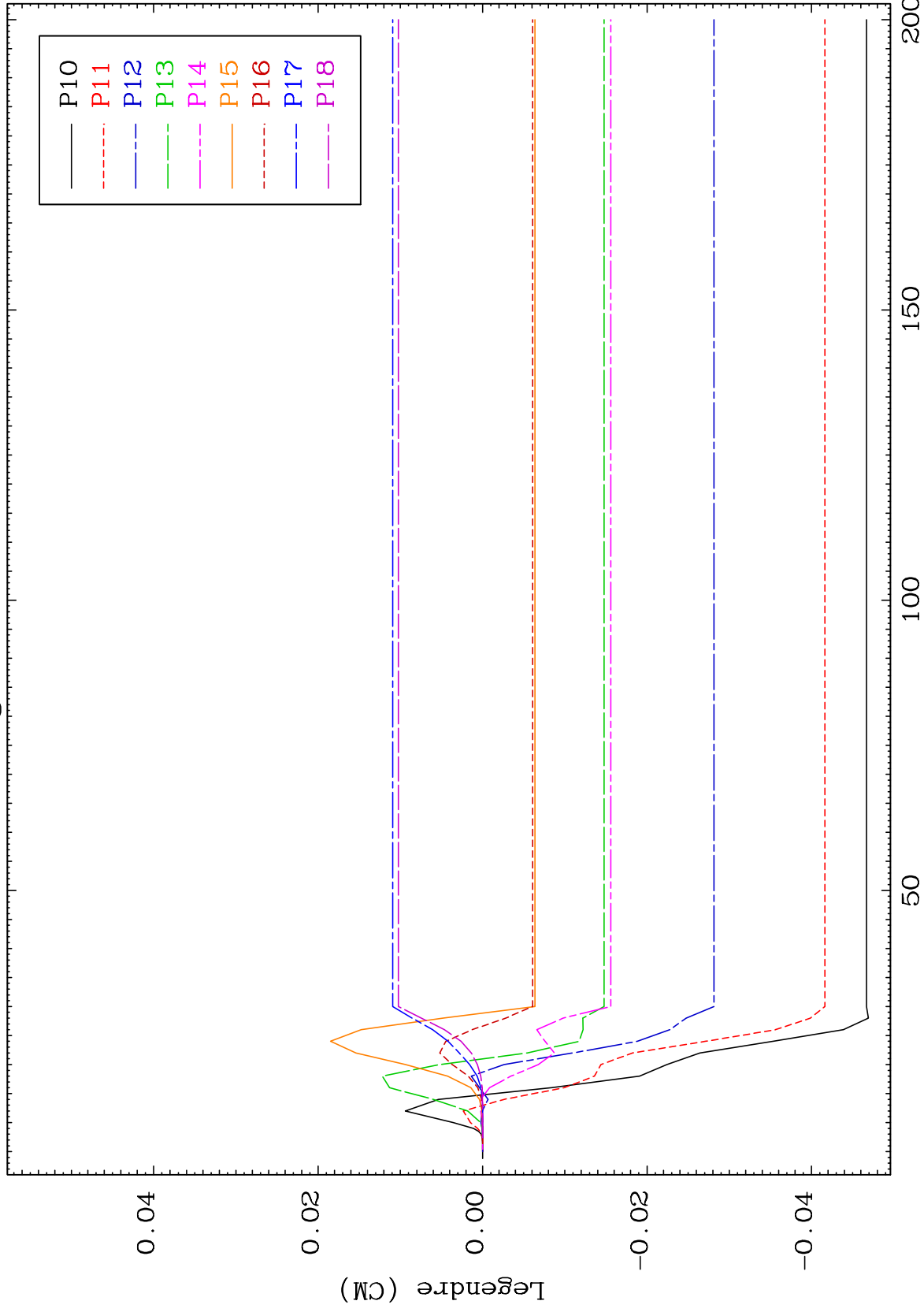




MAT 5076

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

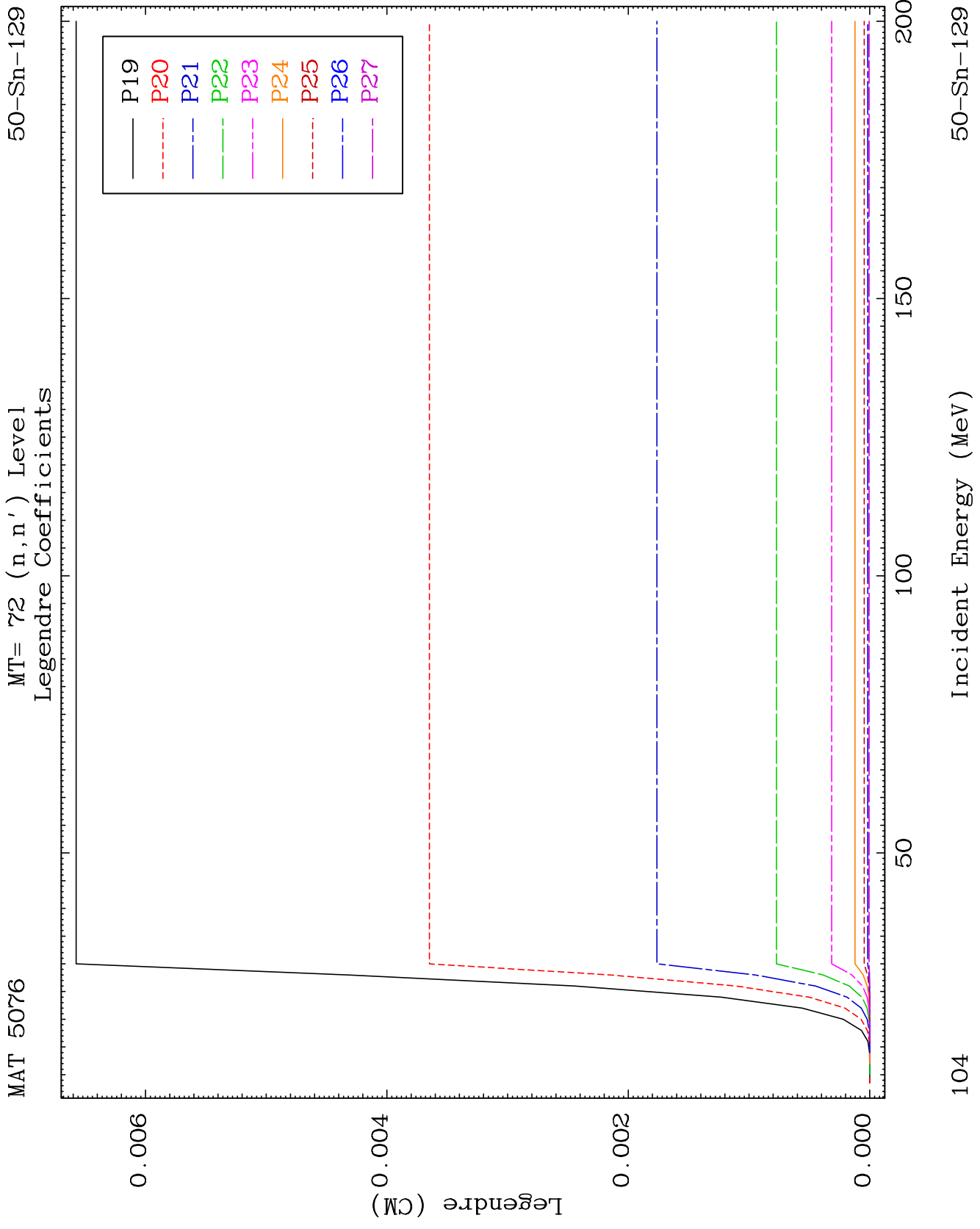
50-Sn-129

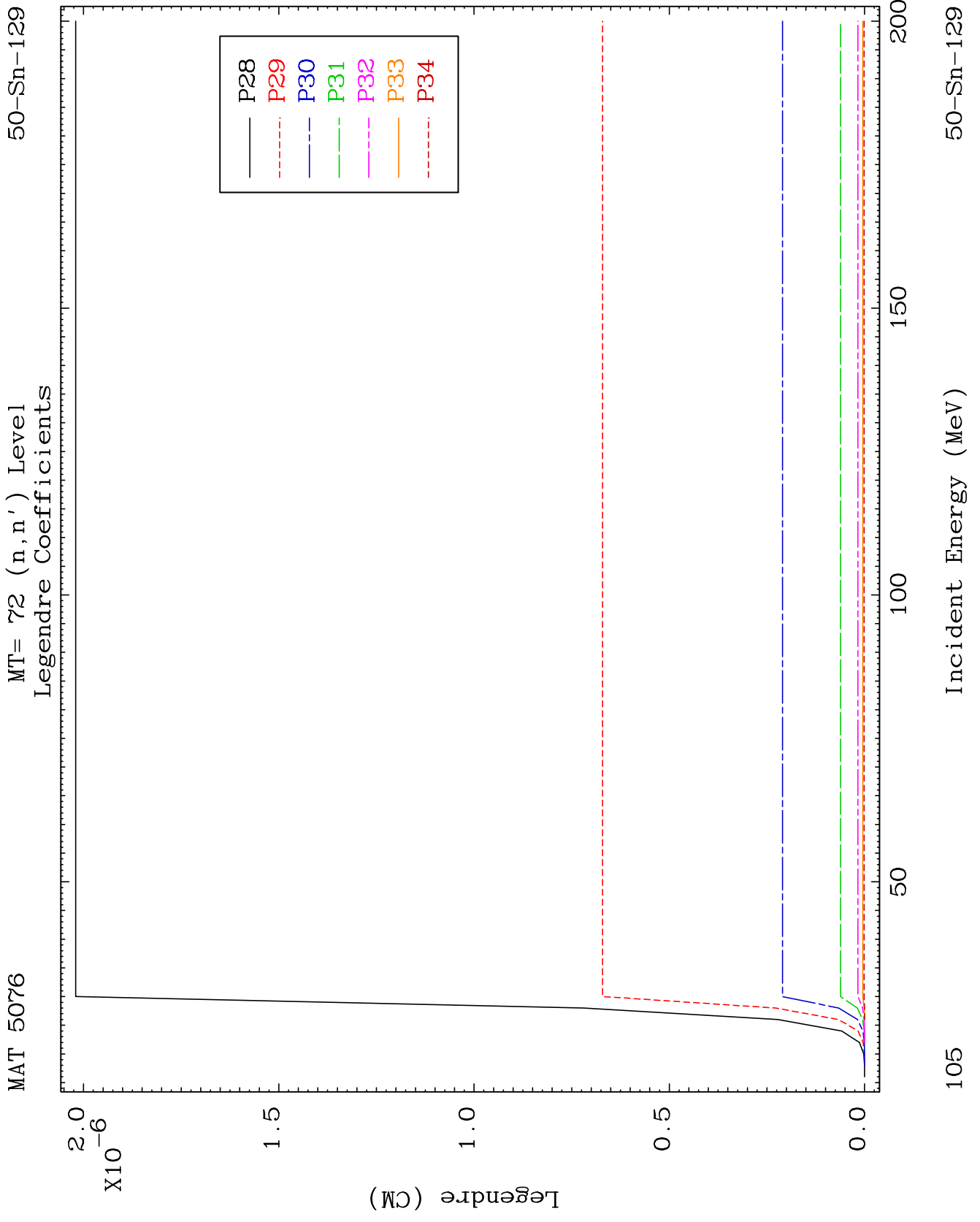


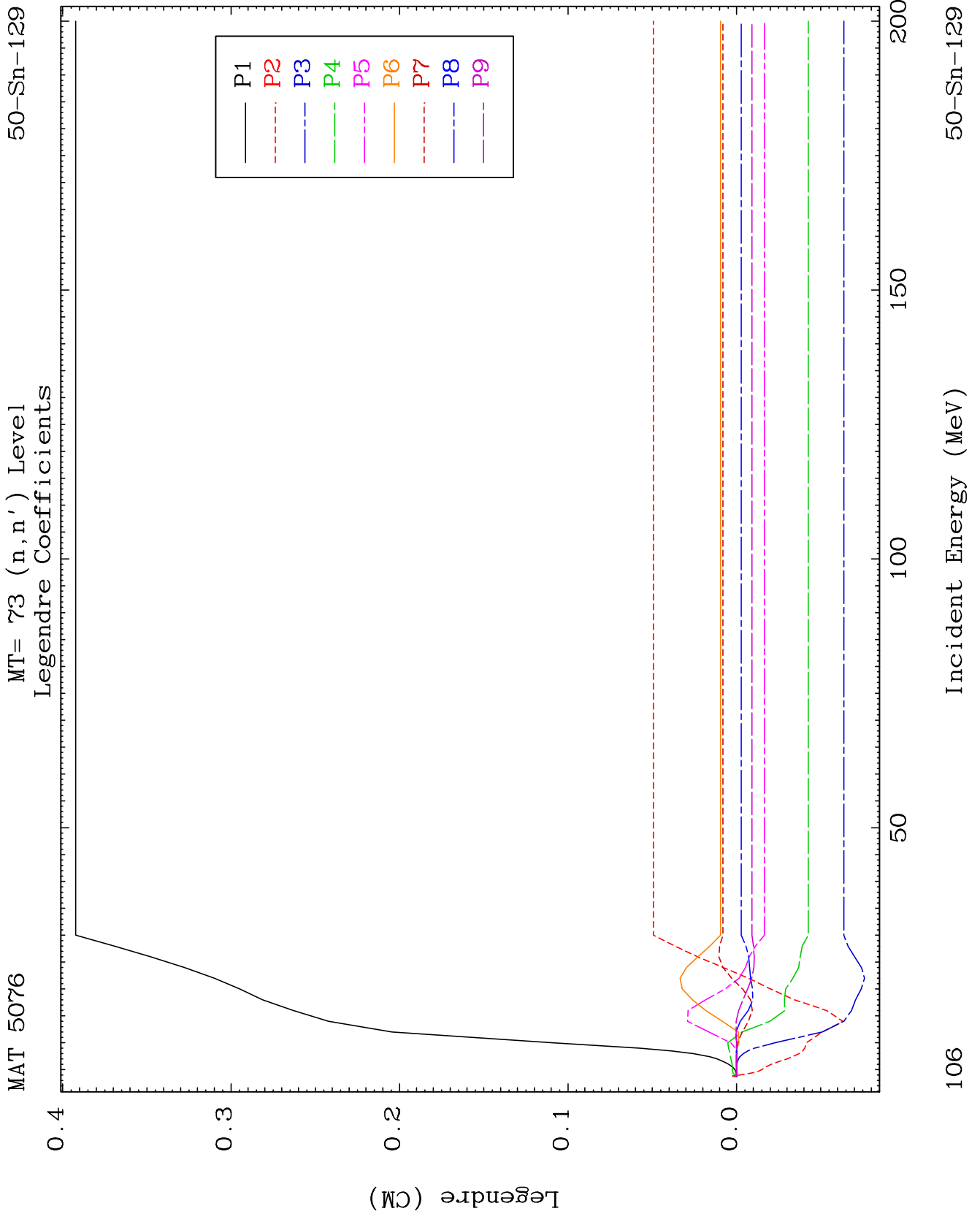
103

Incident Energy (MeV)

50-Sn-129



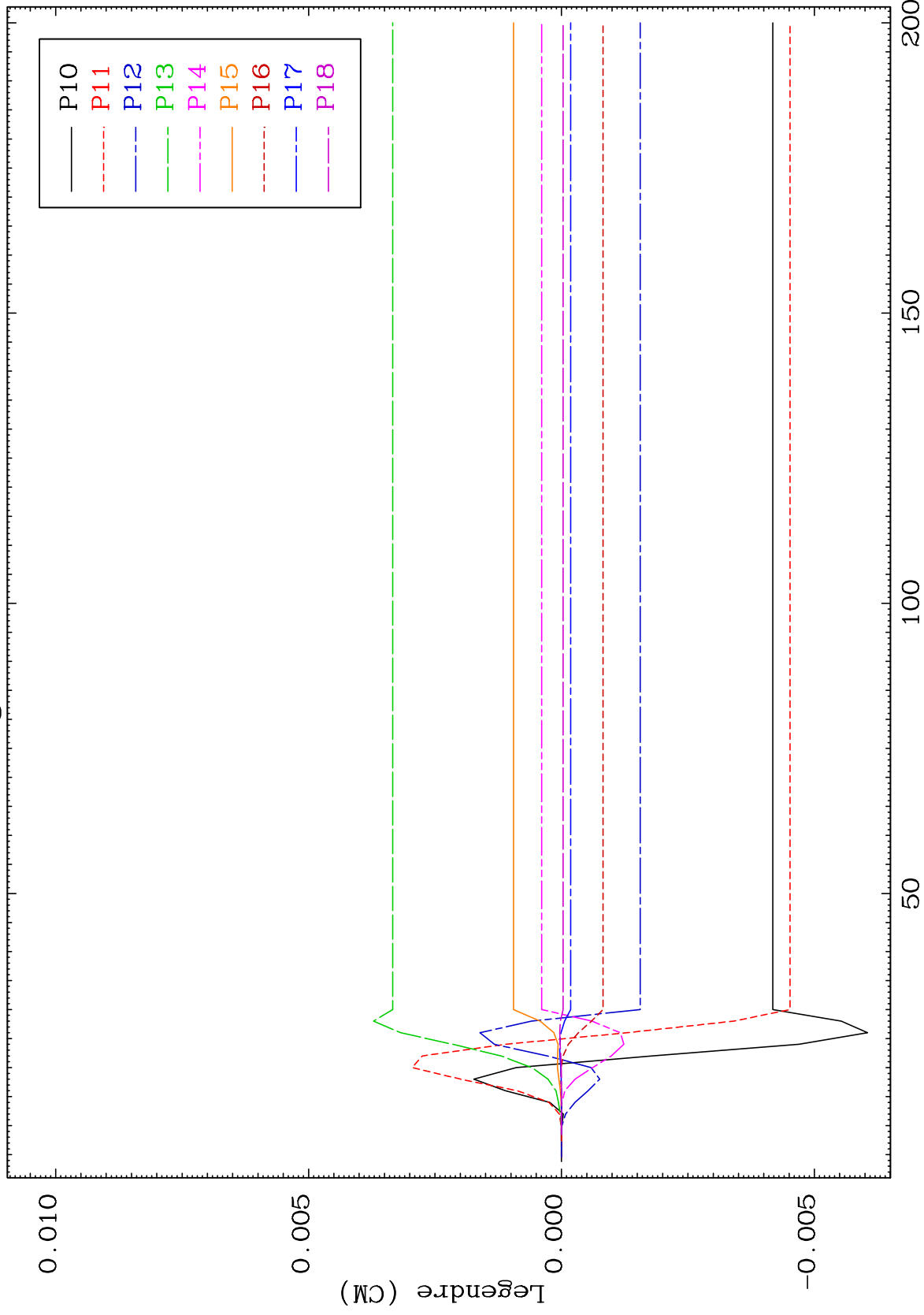




MAT 5076

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

50-Sn-129



107

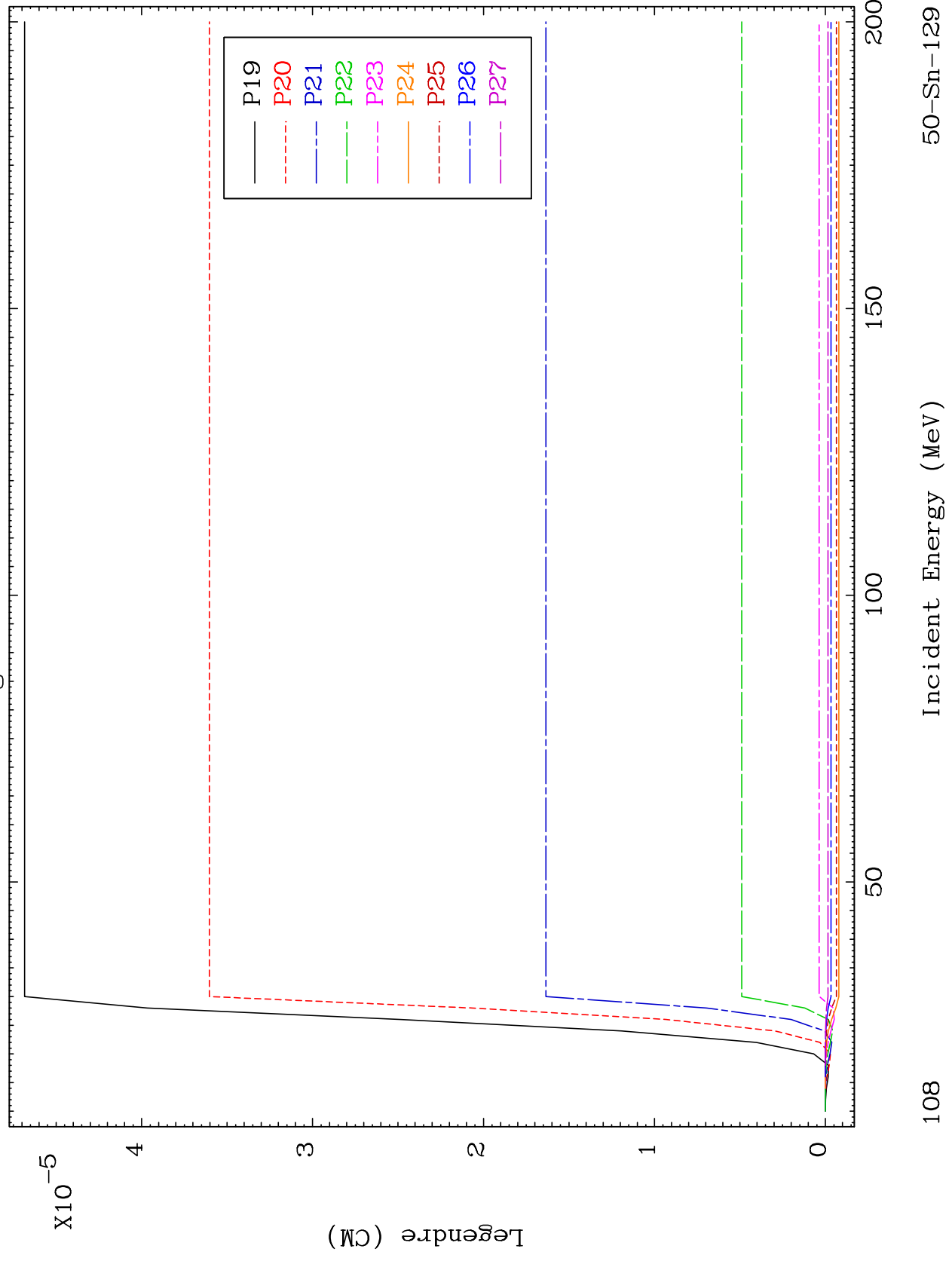
Incident Energy (MeV)

50-Sn-129

MAT 5076

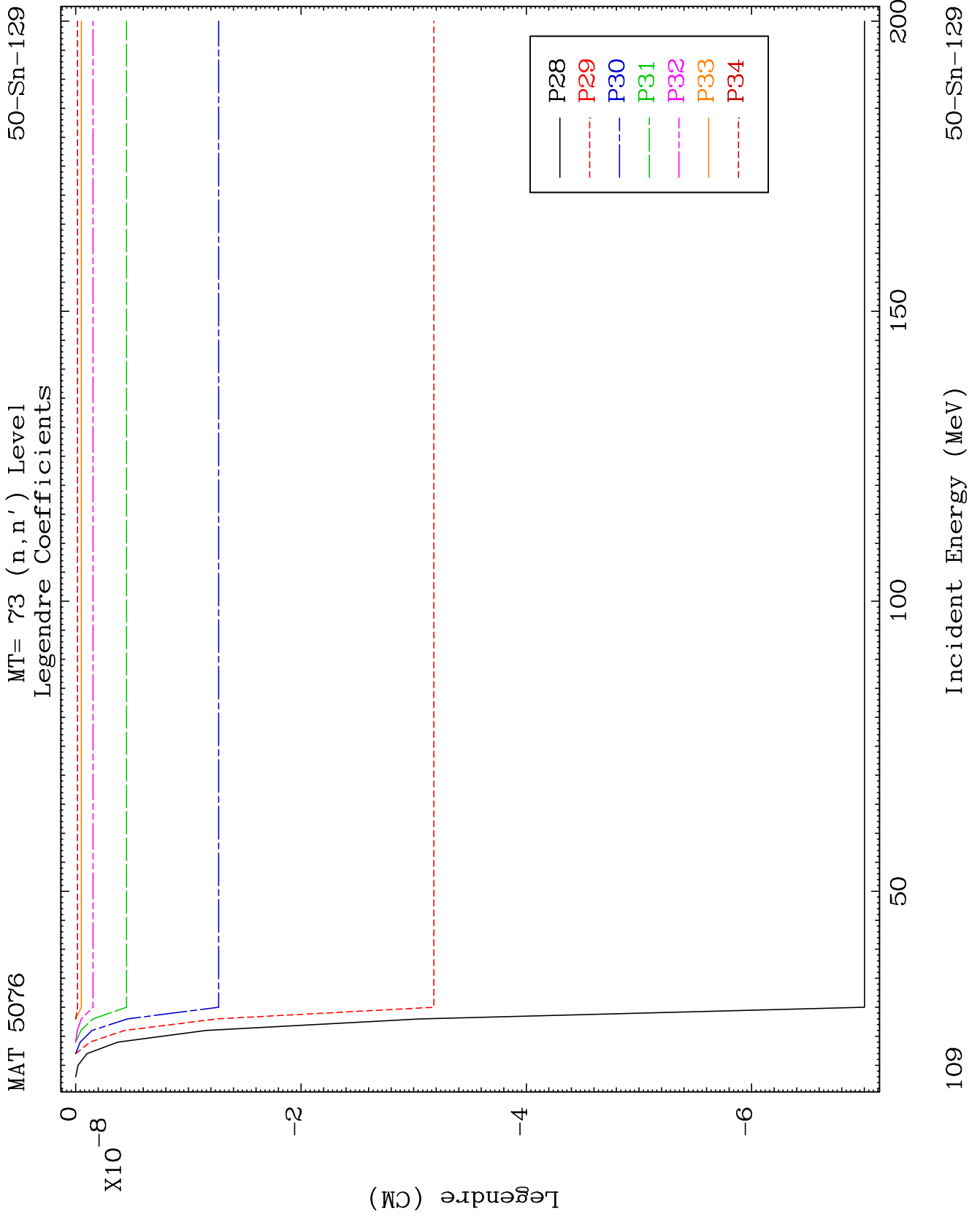
MT= 73 (n,n') Level
Legendre Coefficients

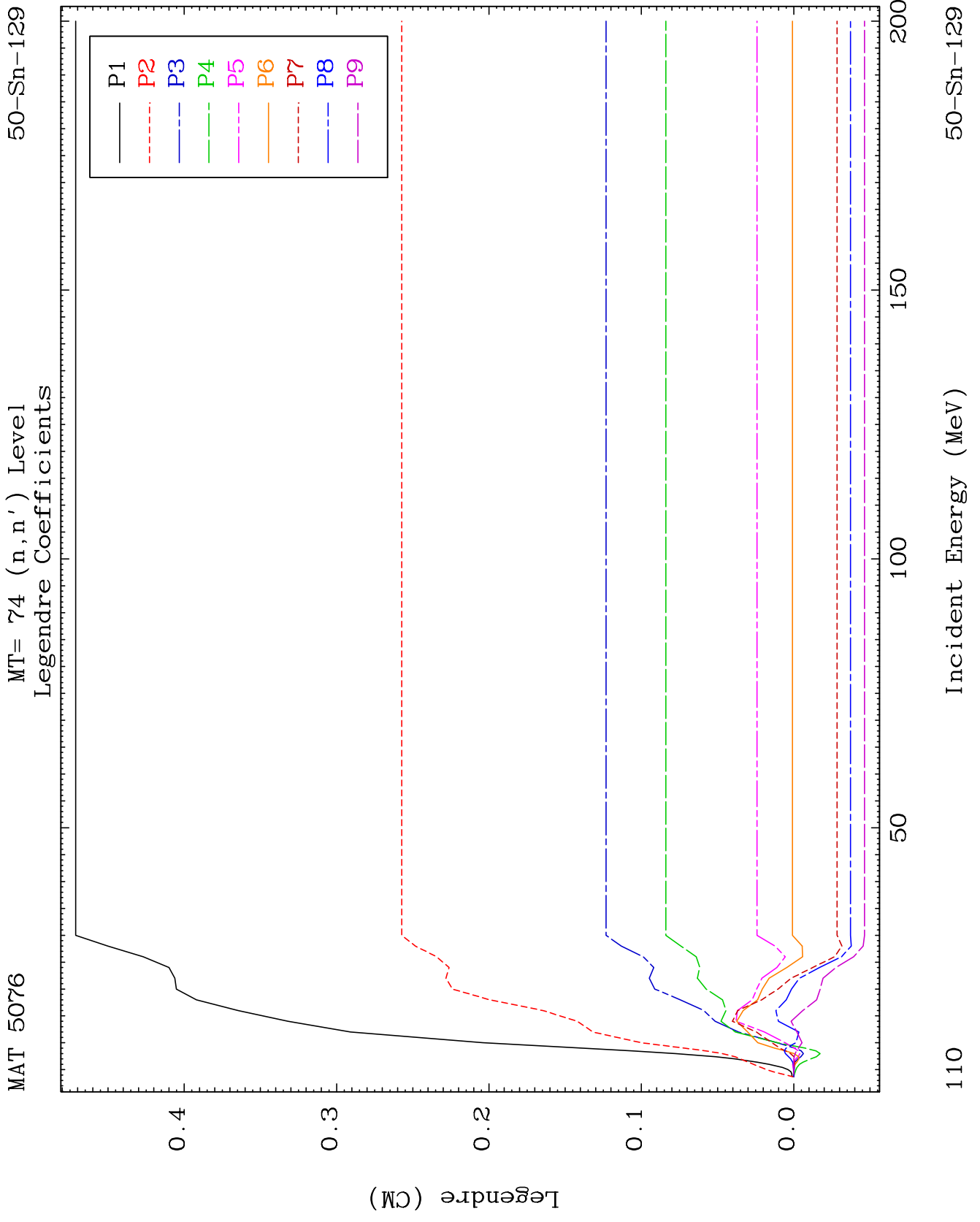
50-Sn-129



108

50-Sn-129

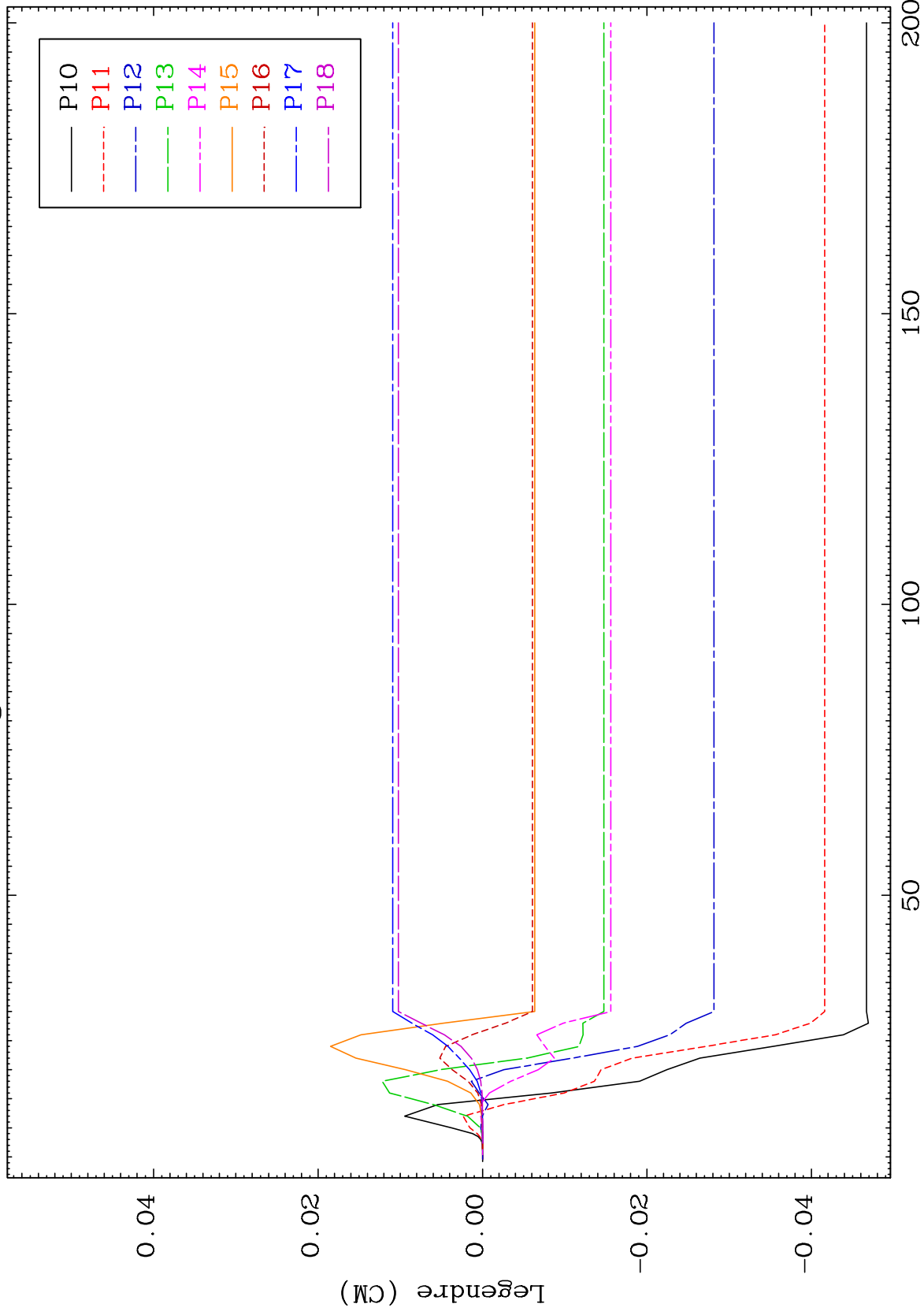




MAT 5076

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

50-Sn-129



111

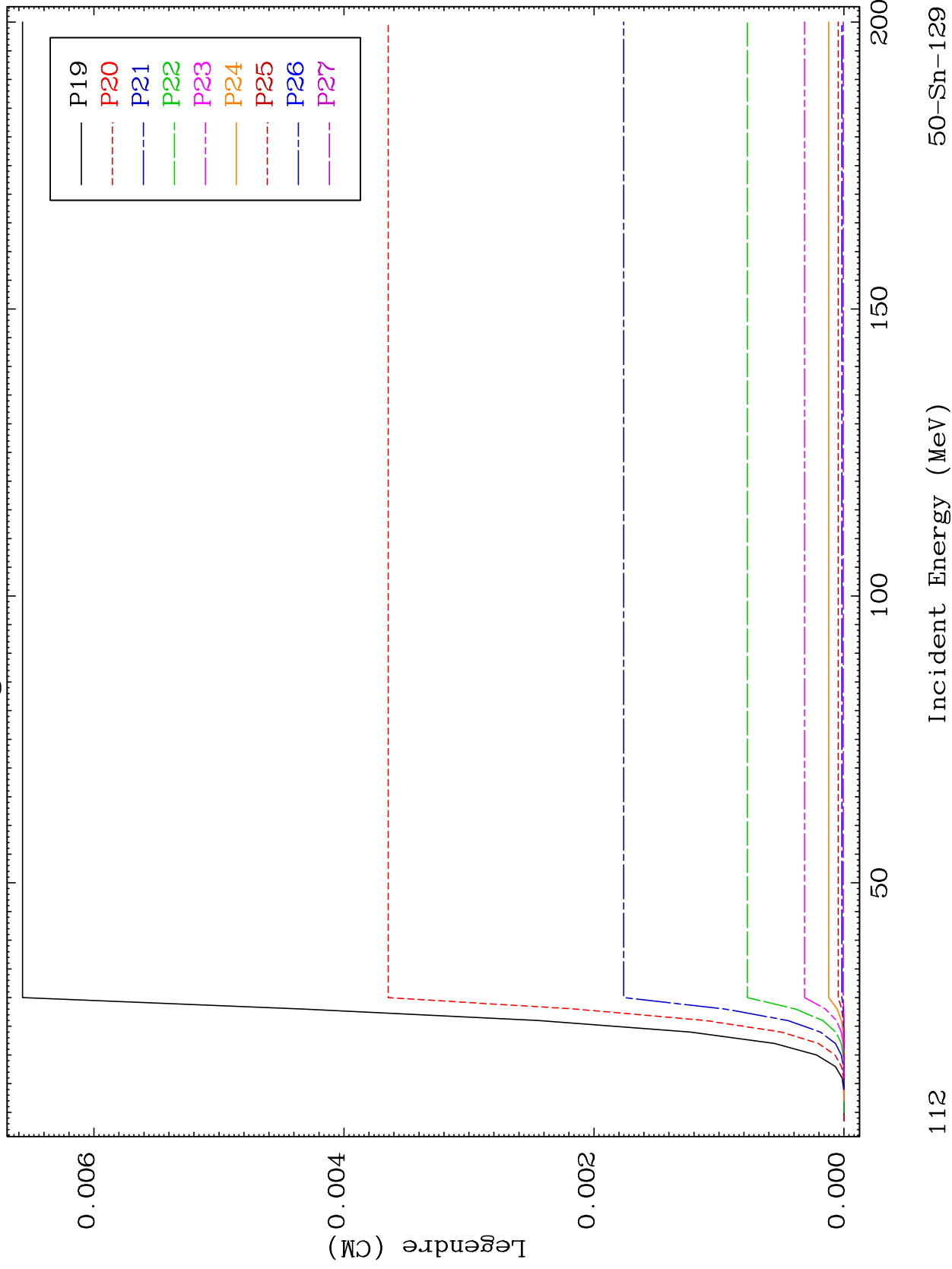
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

50-Sn-129



112

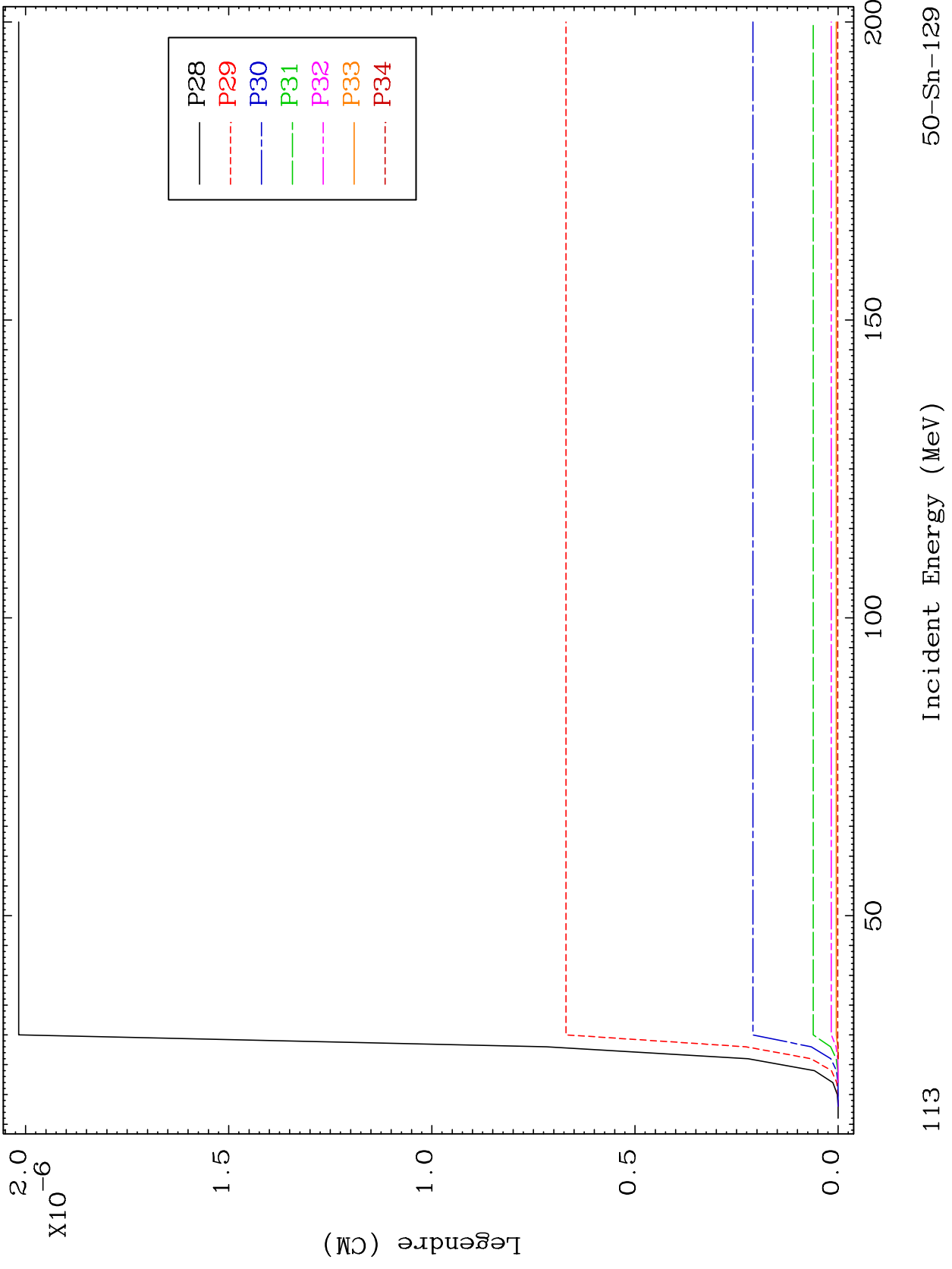
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

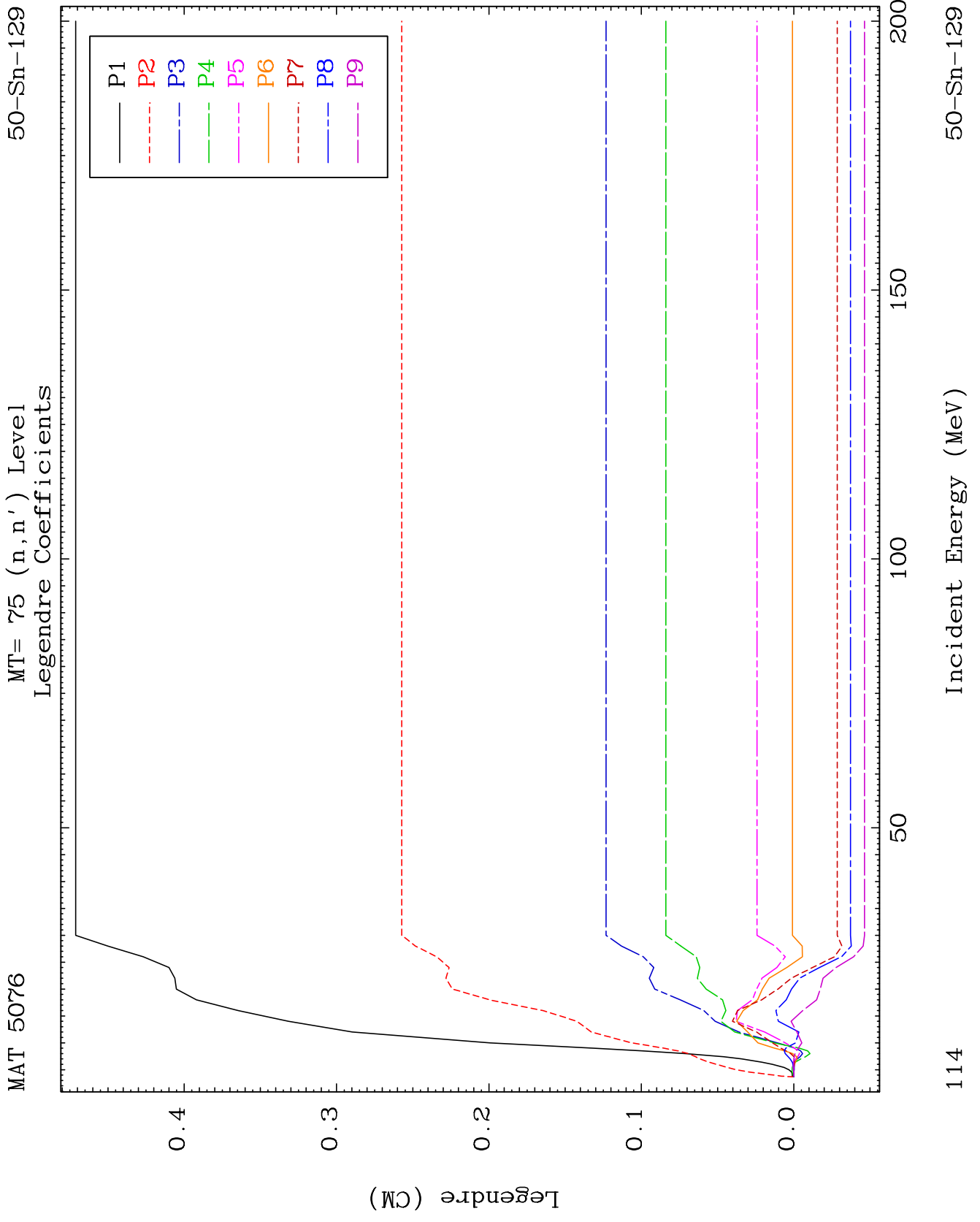
50-Sn-129



113

Incident Energy (MeV)

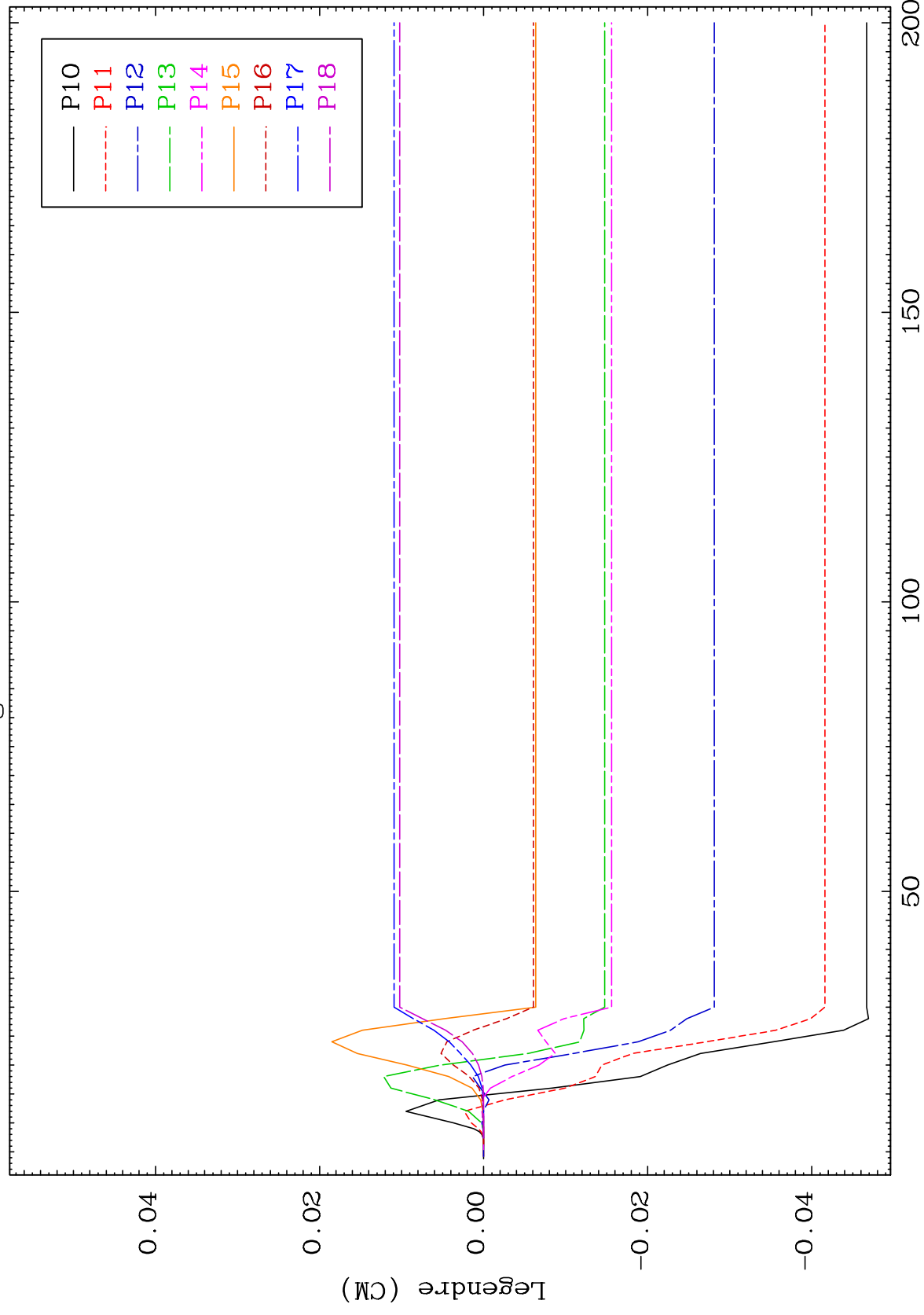
50-Sn-129



MAT 5076

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

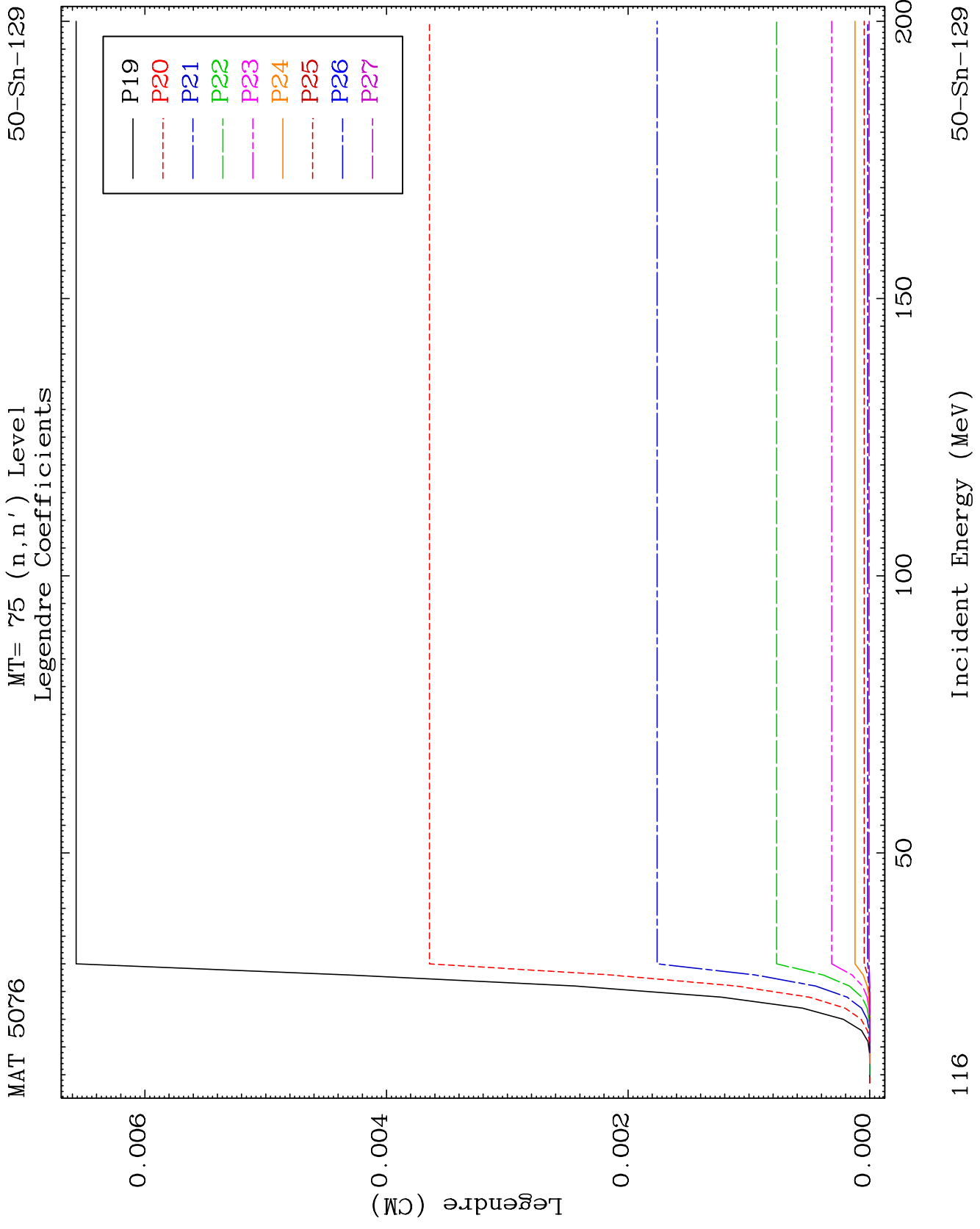
50-Sn-129

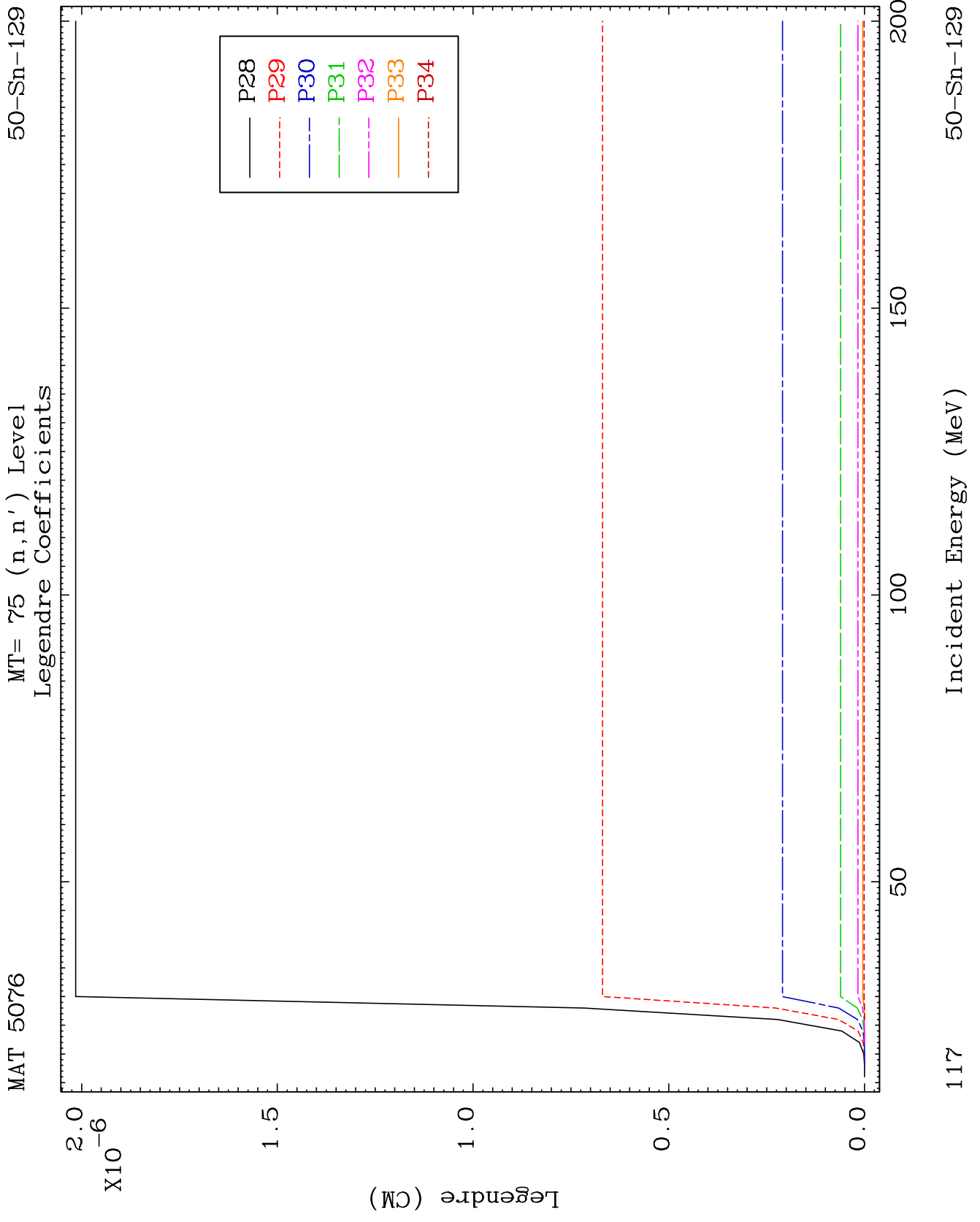


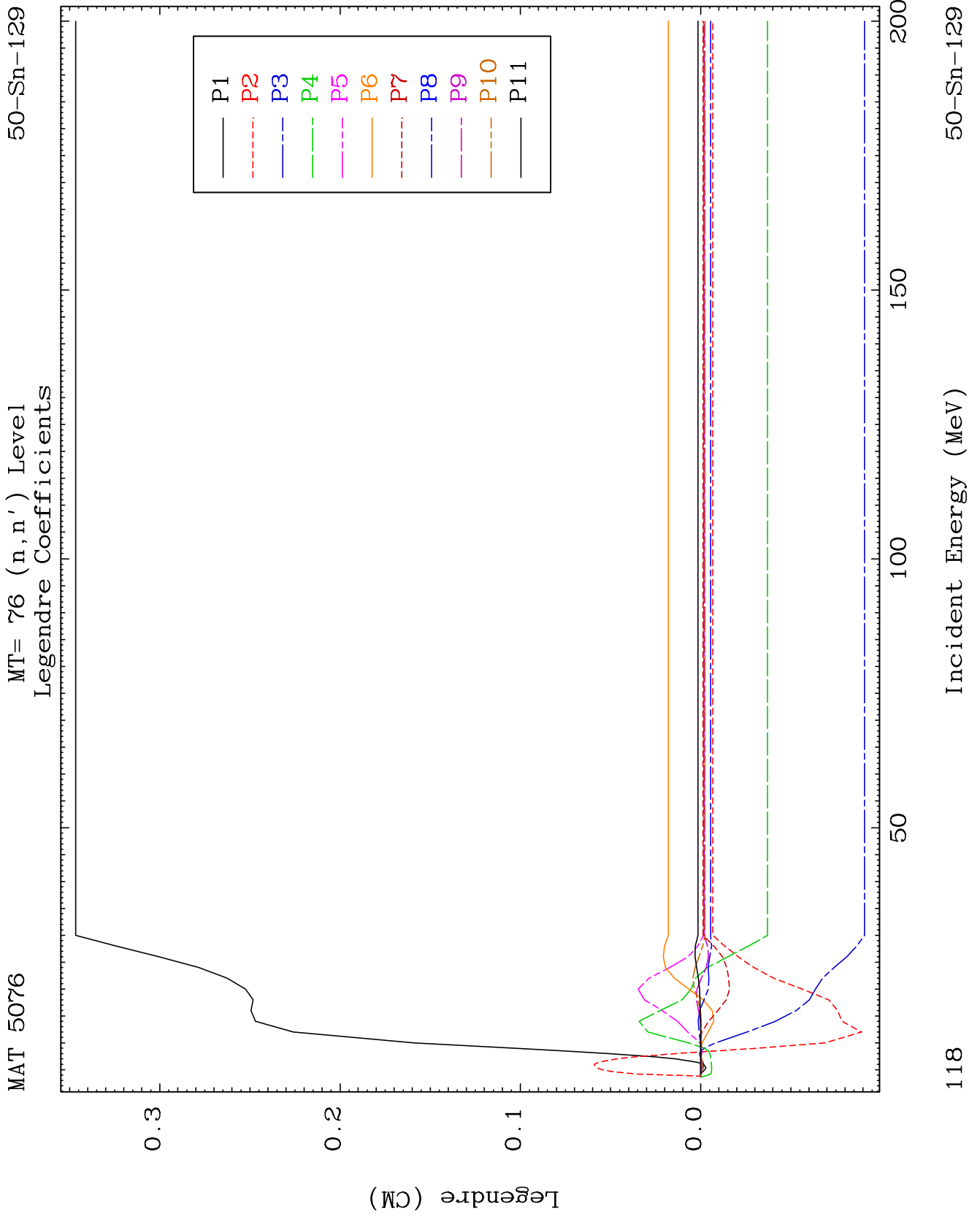
115

Incident Energy (MeV)

50-Sn-129



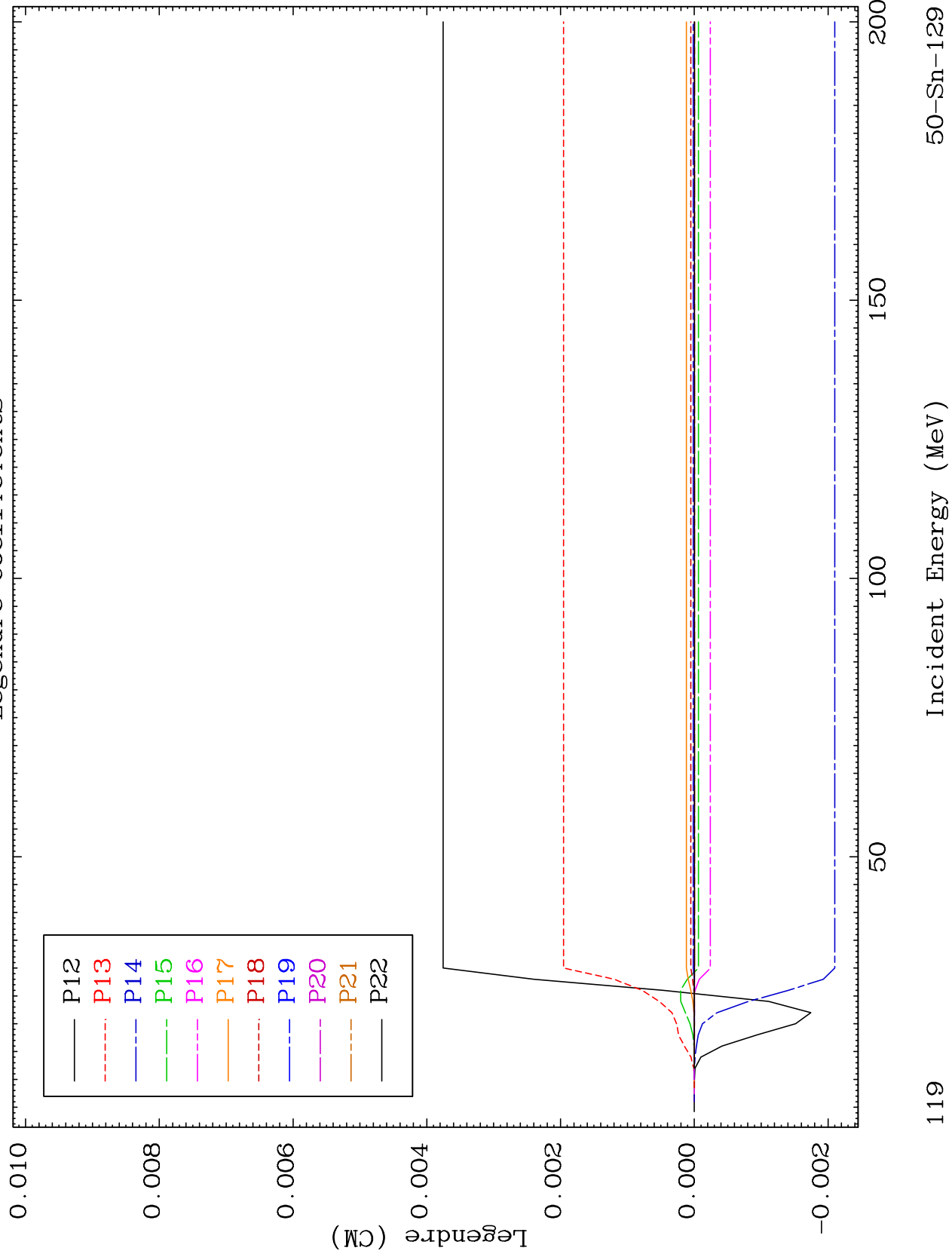




MAT 5076

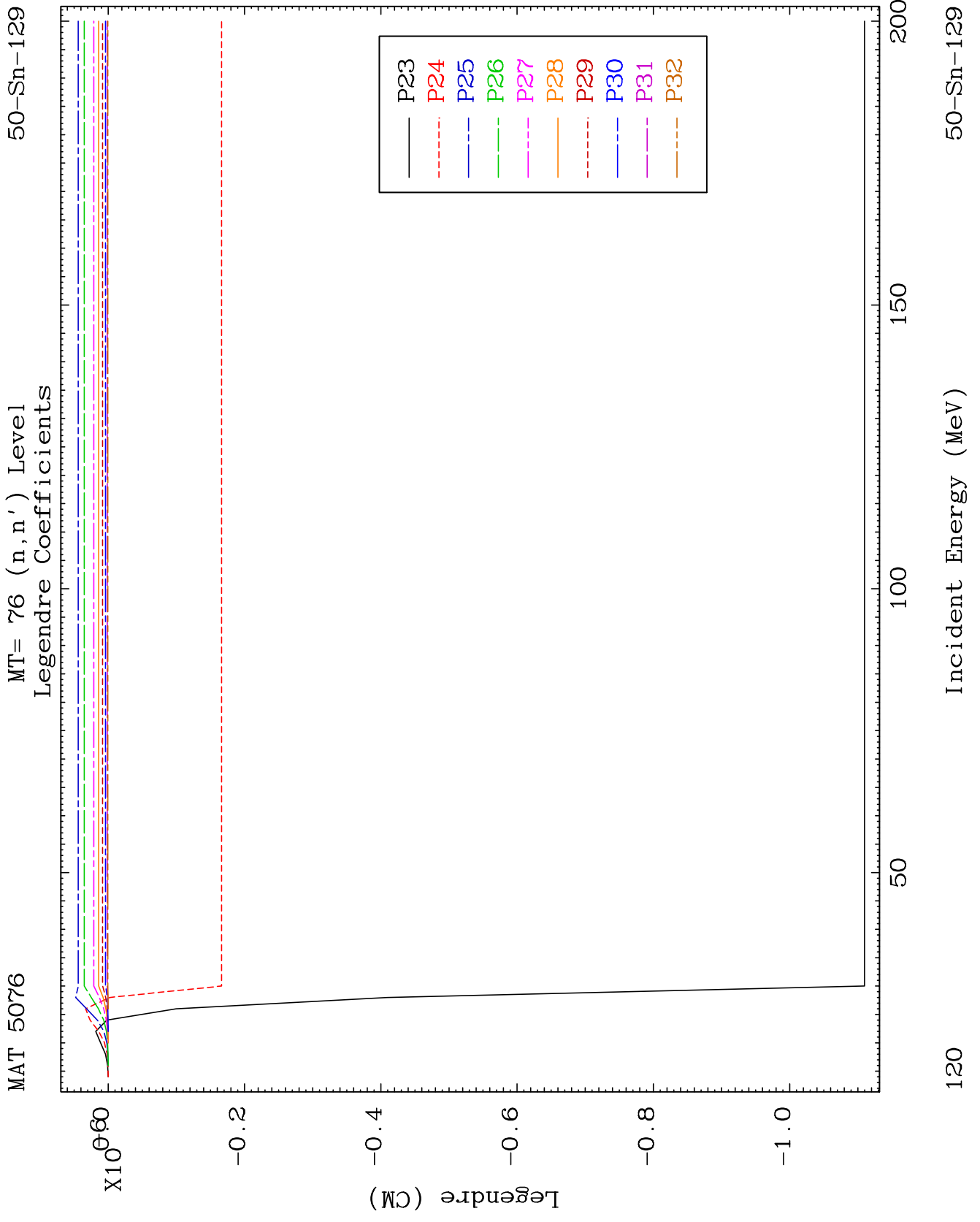
MT= 76 (n,n') Level
Legendre Coefficients

50-Sn-129



119

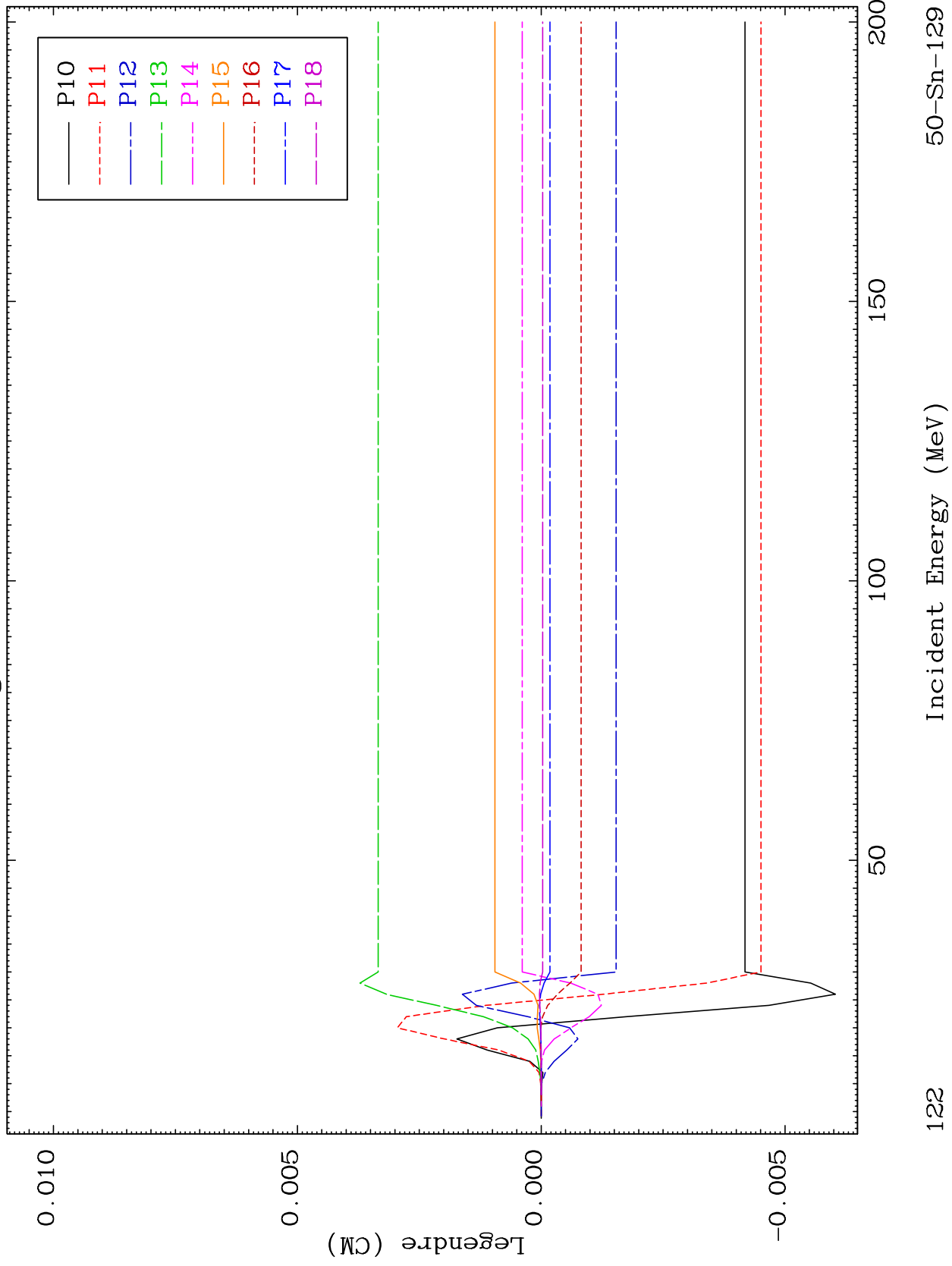
50-Sn-129



MAT 5076

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

50-Sn-129



122

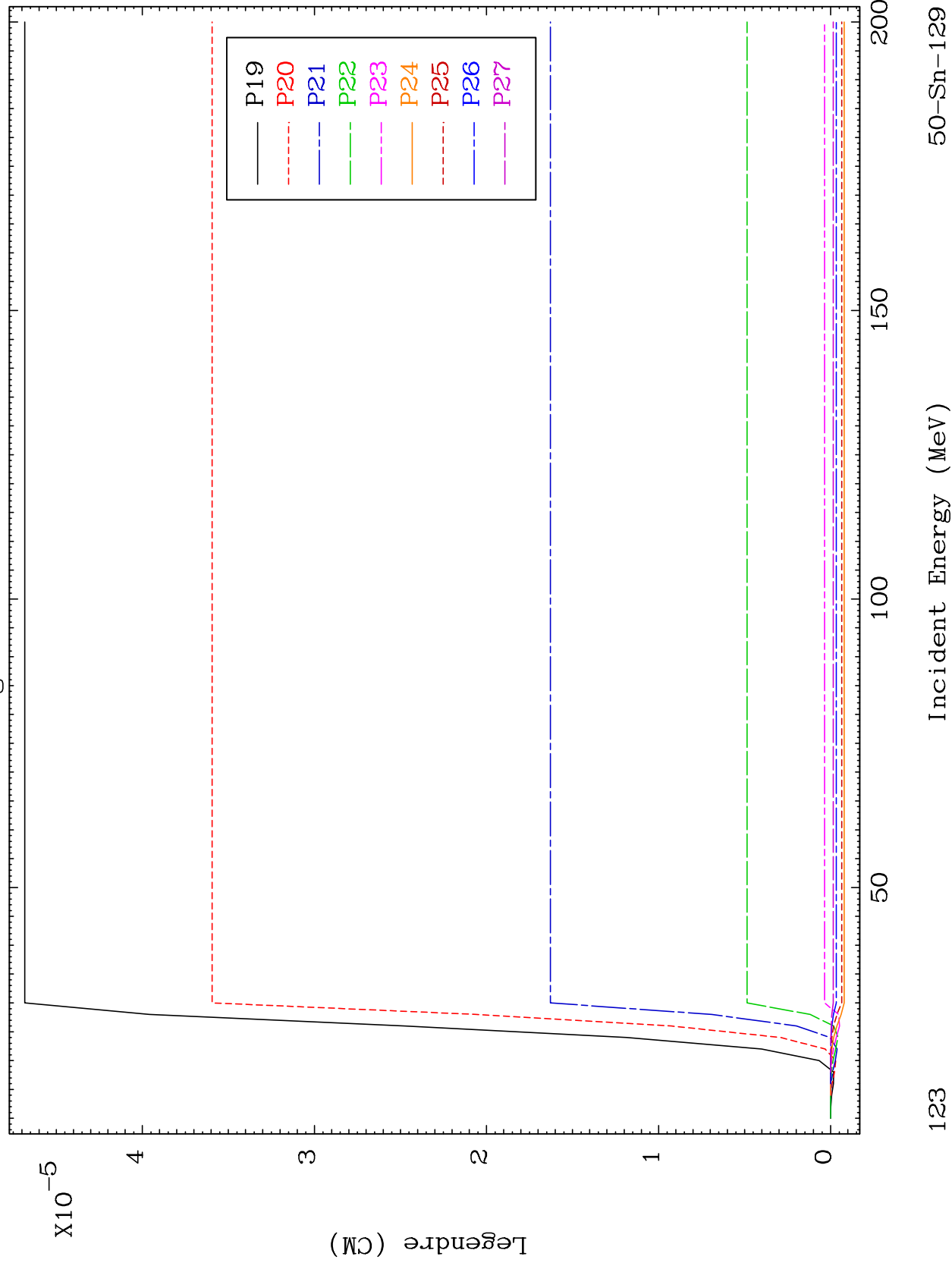
Incident Energy (MeV)

50-Sn-129

MAT 5076

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

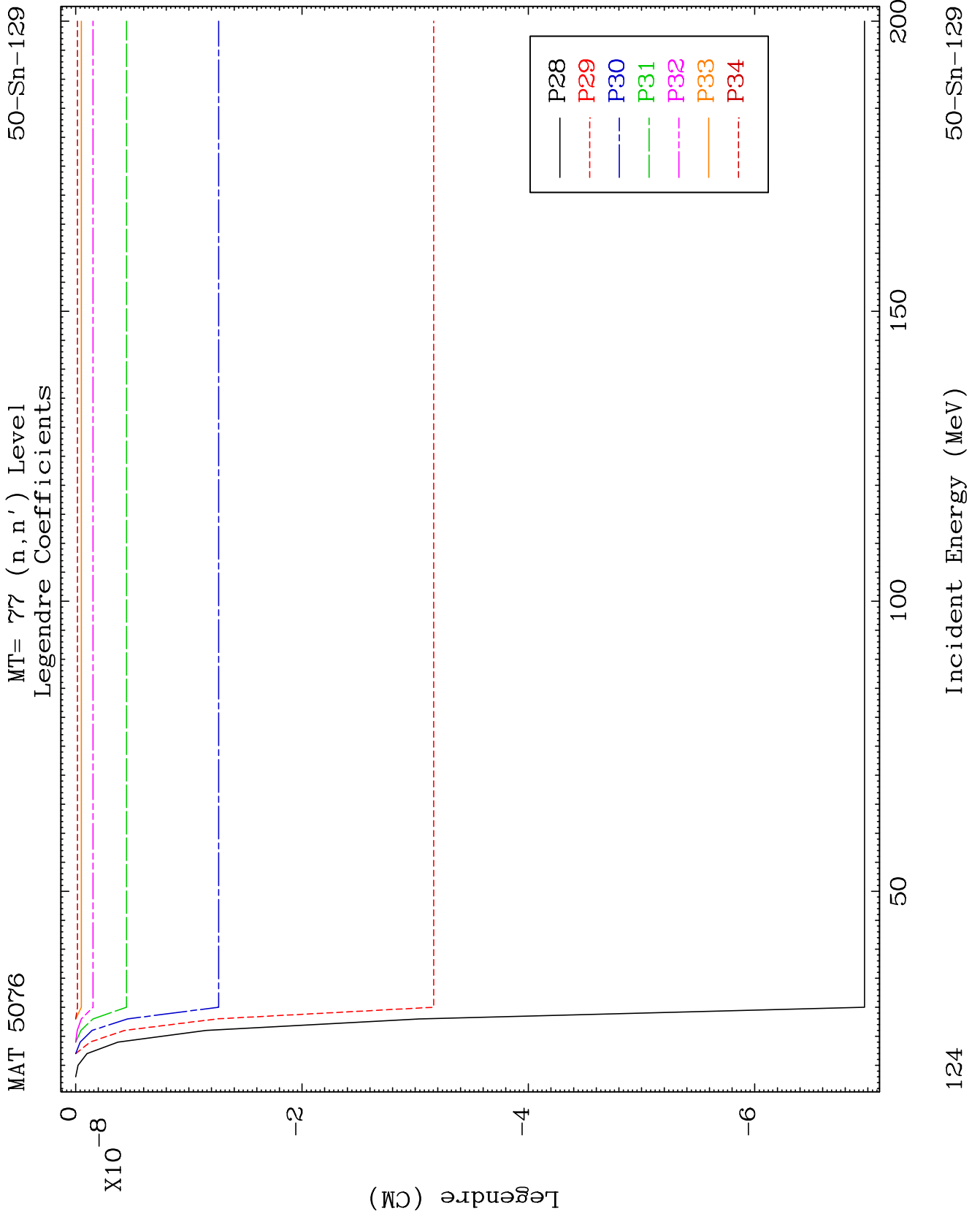
50-Sn-129

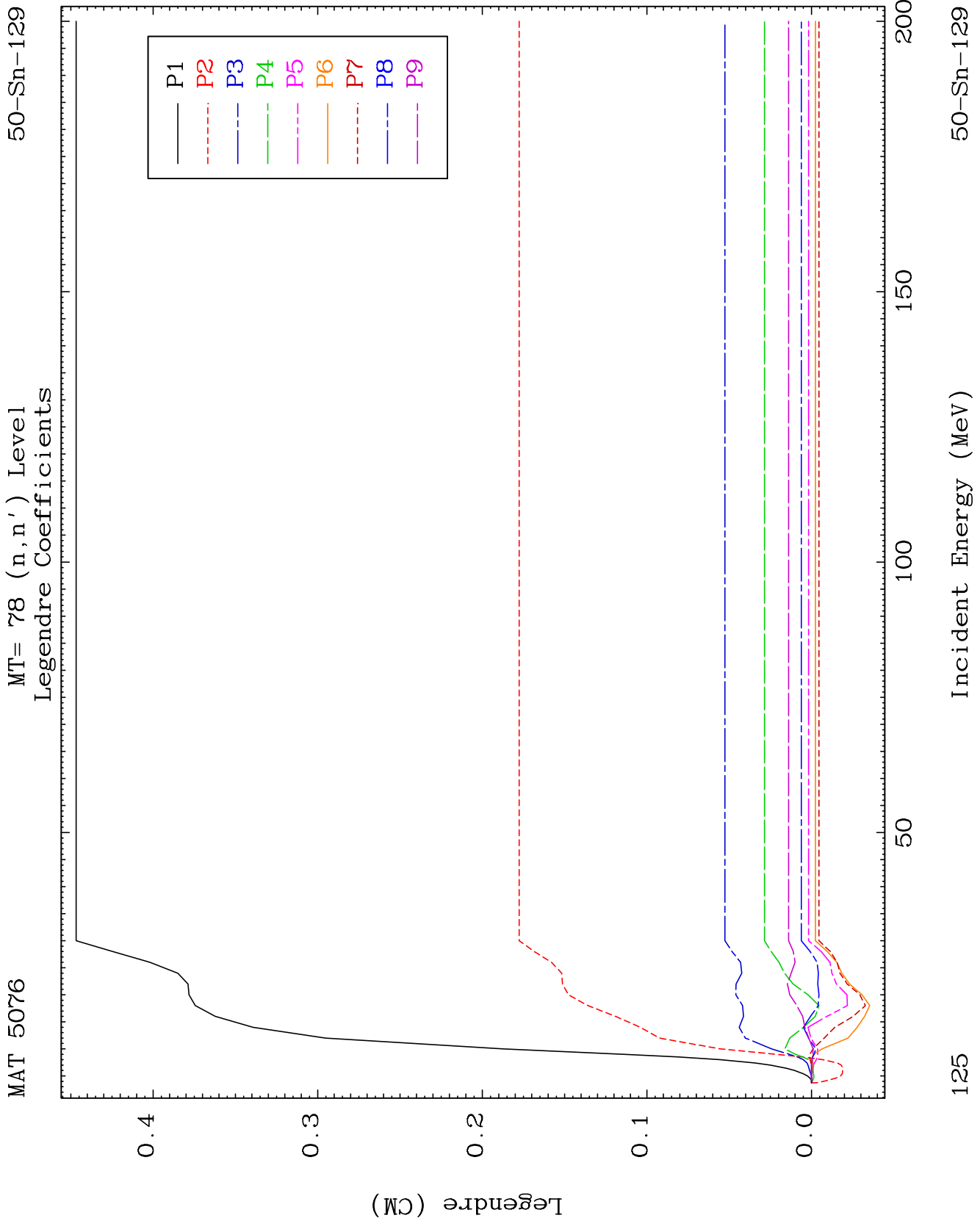


123

Incident Energy (MeV)

50-Sn-129

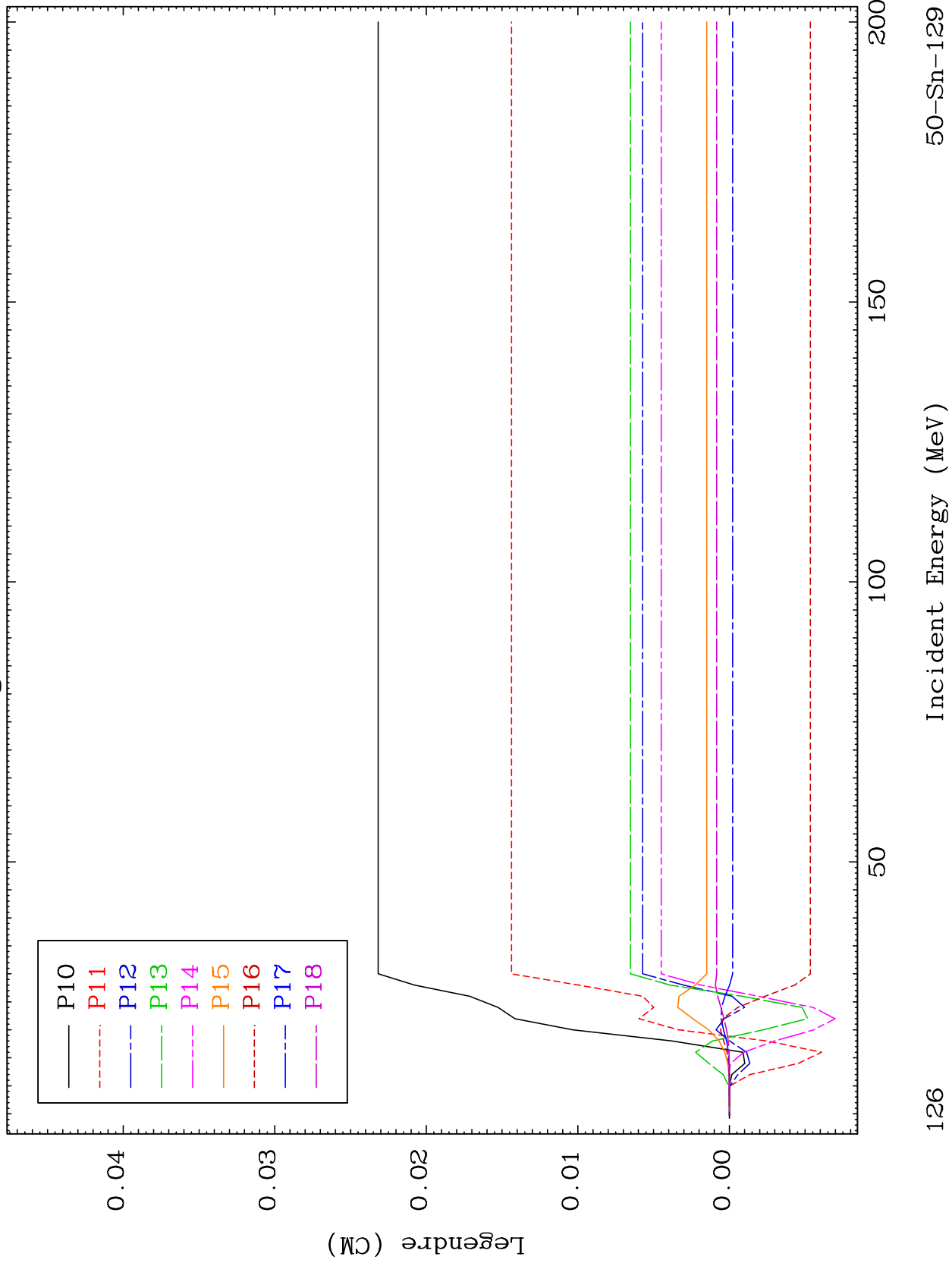




MAT 5076

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

50-Sn-129



126

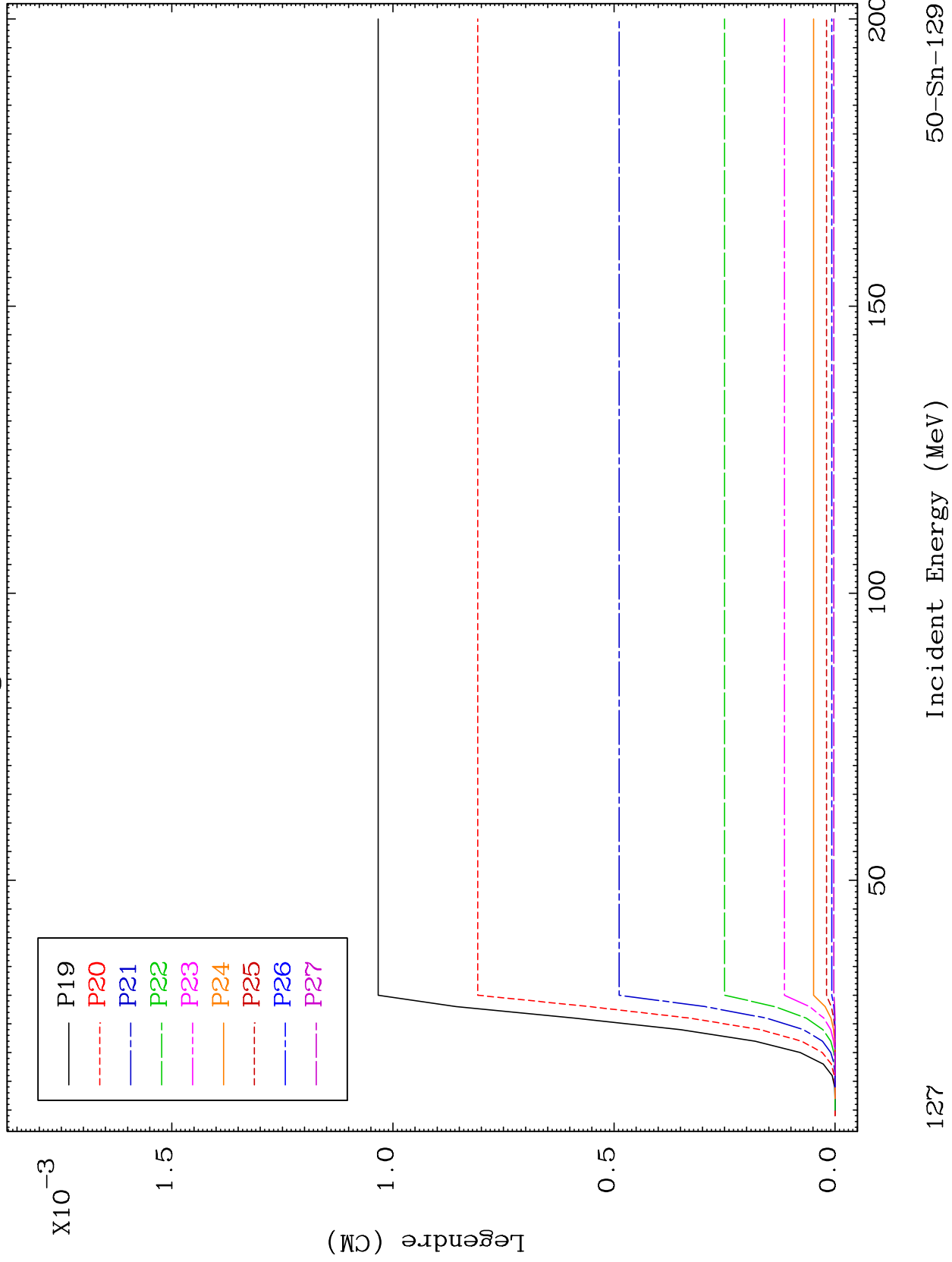
Incident Energy (MeV)

50-Sn-129

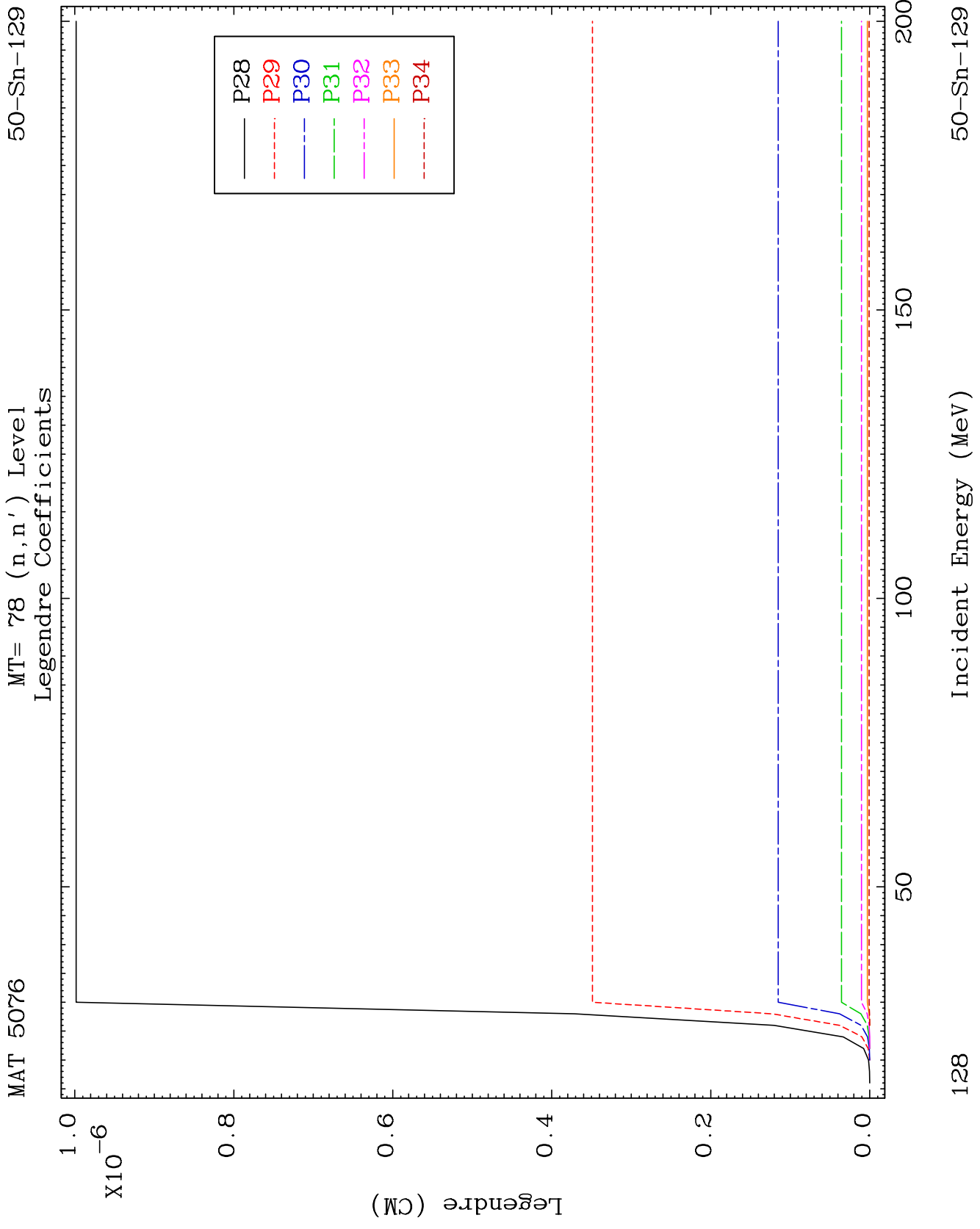
MAT 5076

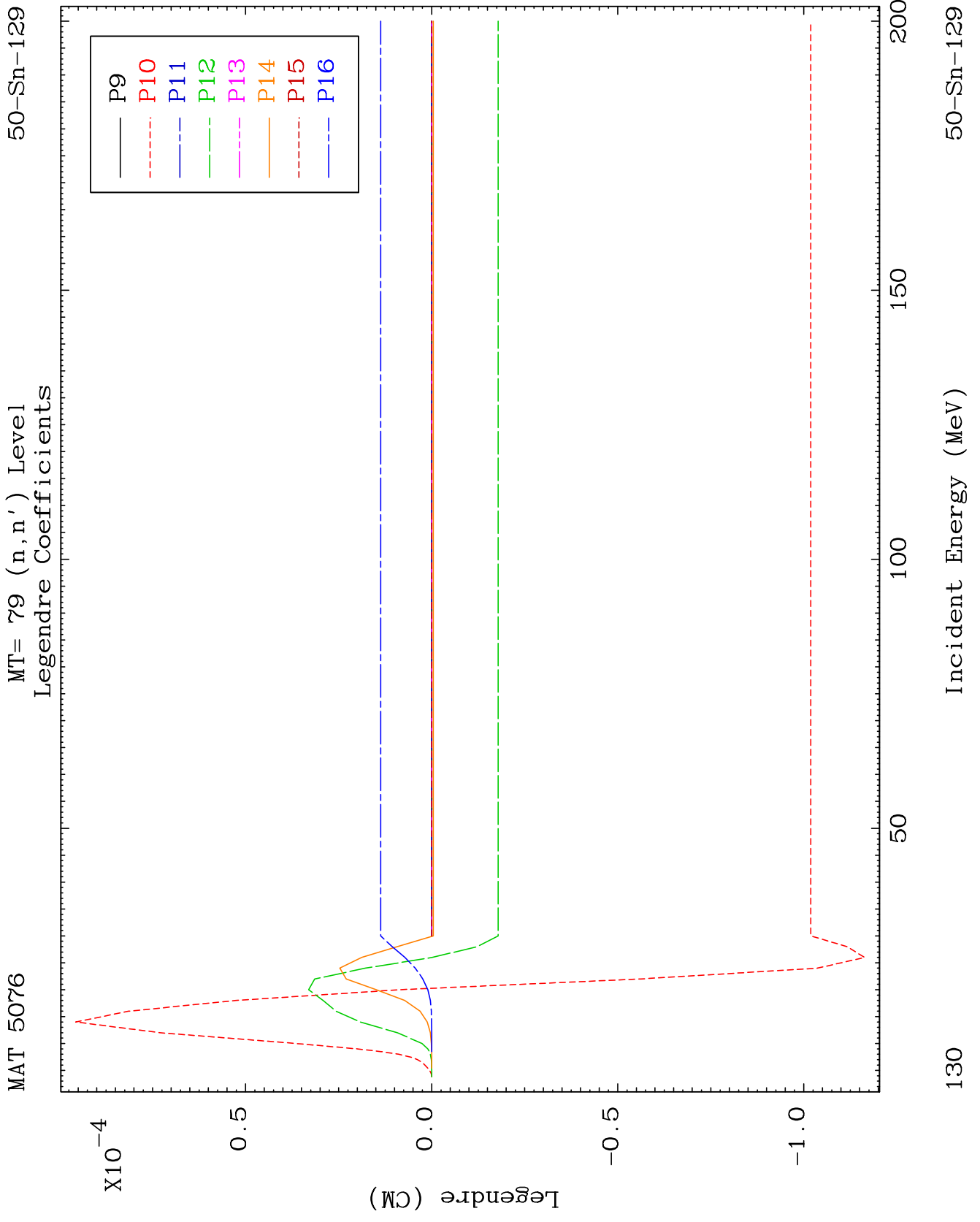
MT= 78 (n,n') Level
Legendre Coefficients

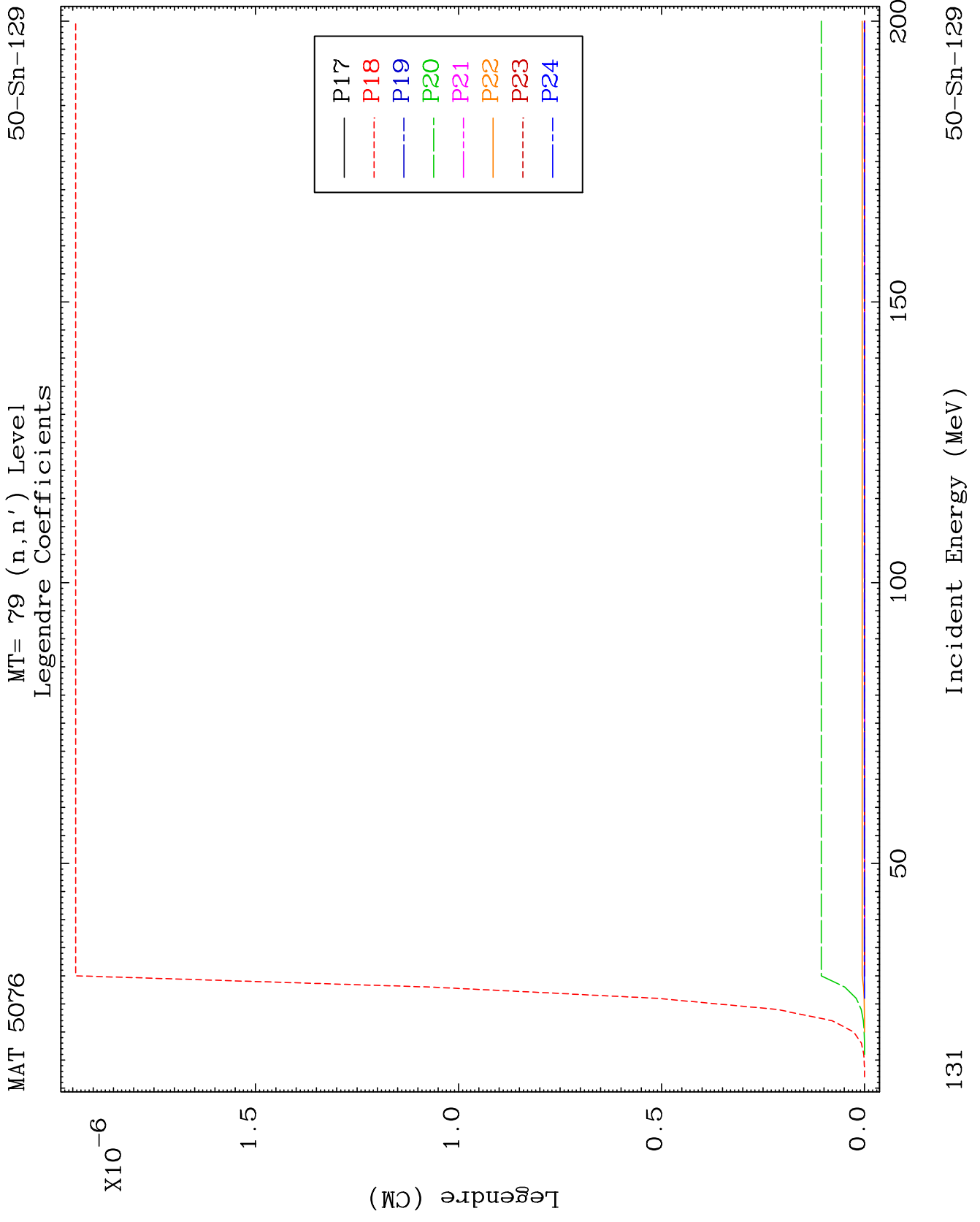
50-Sn-129



127



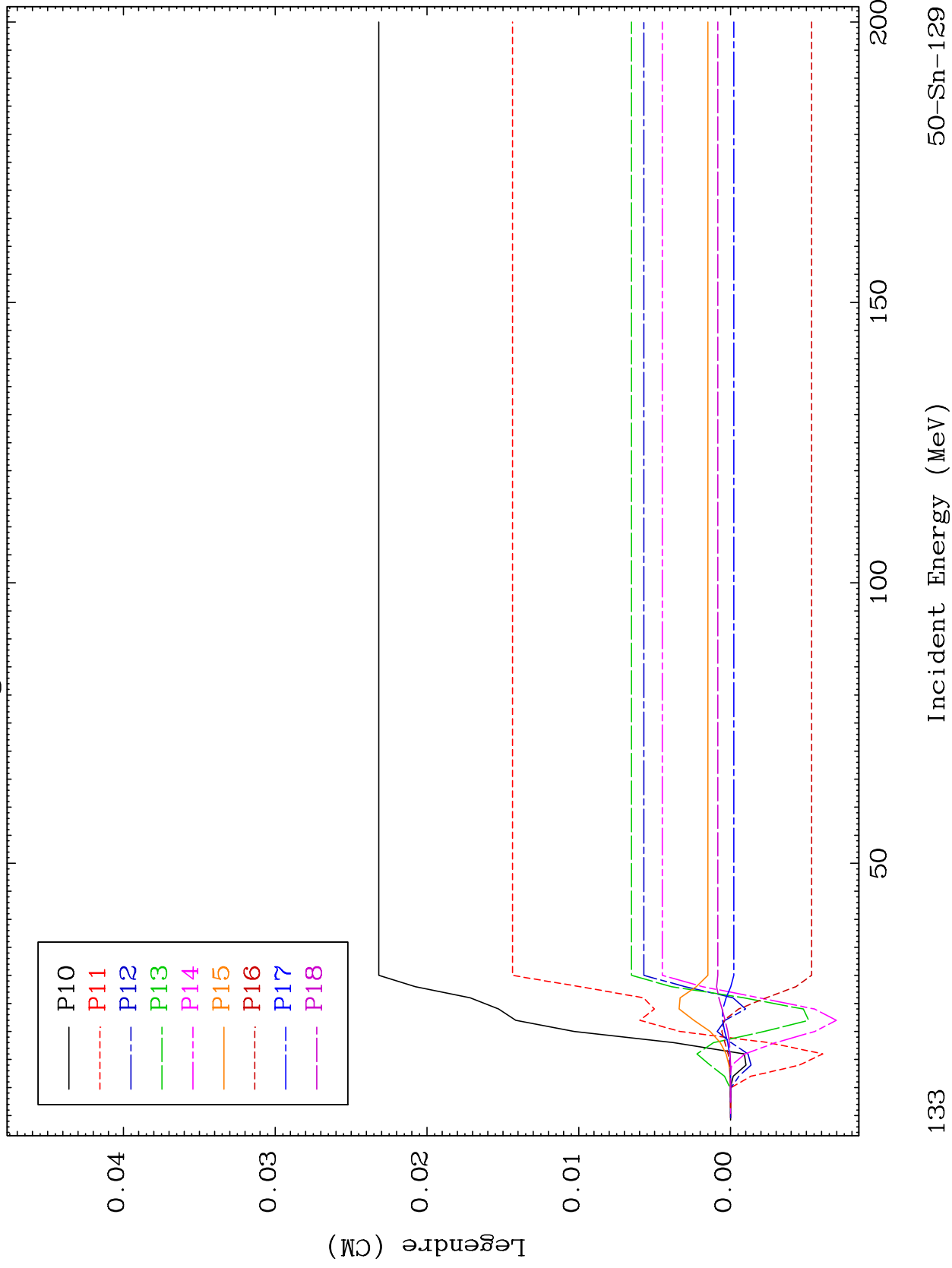




MAT 5076

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

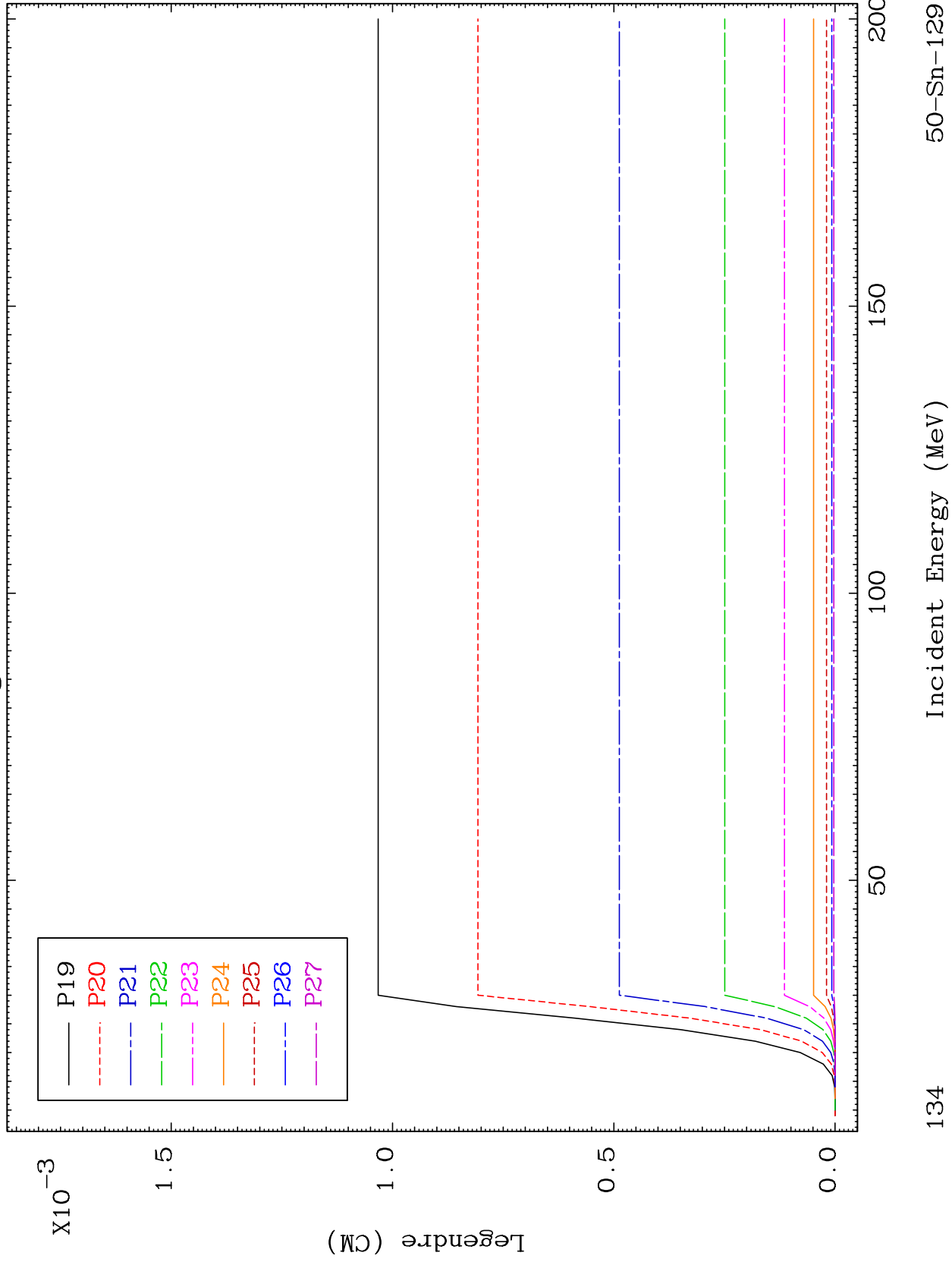
50-Sn-129

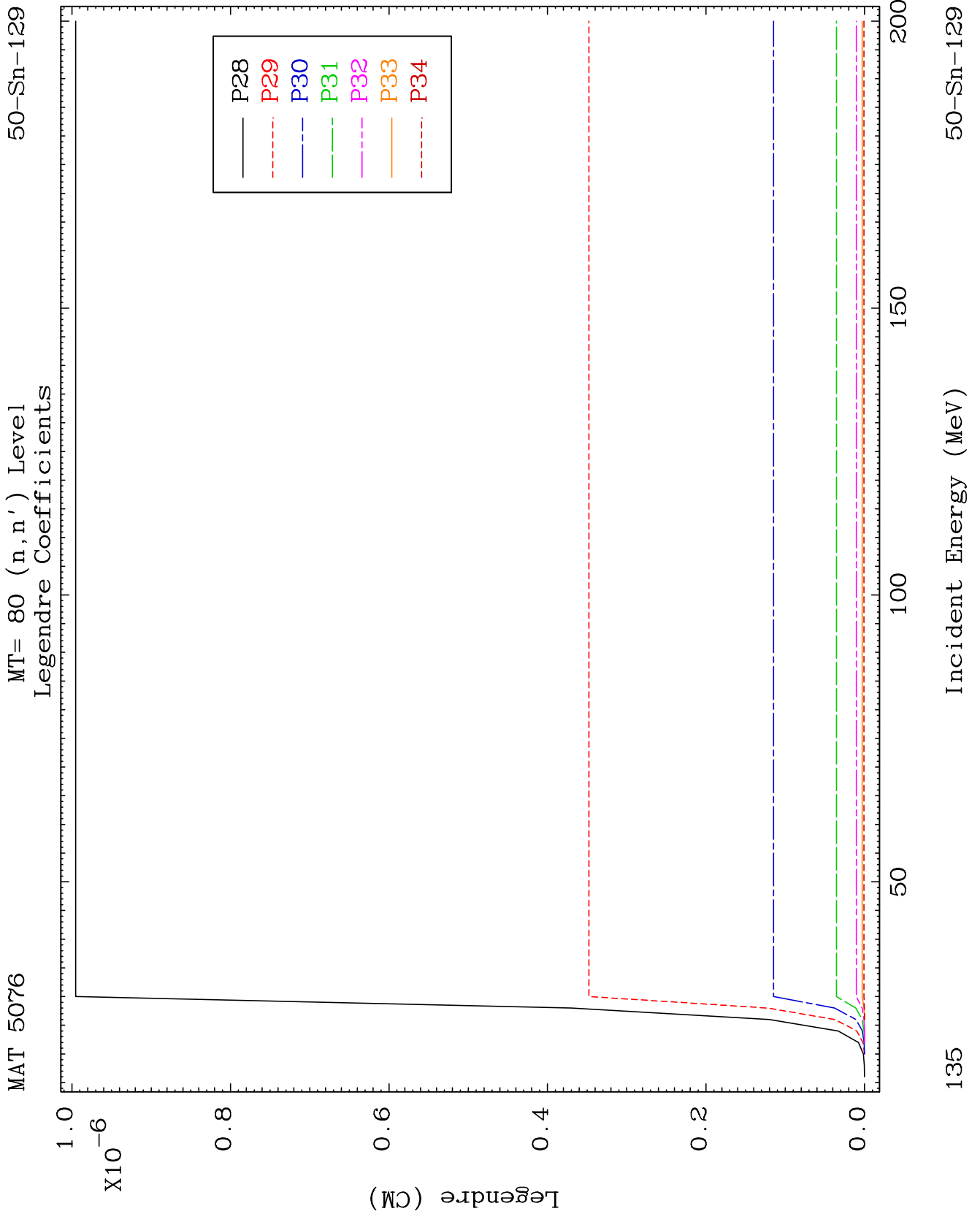


MAT 5076

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

50-Sn-129

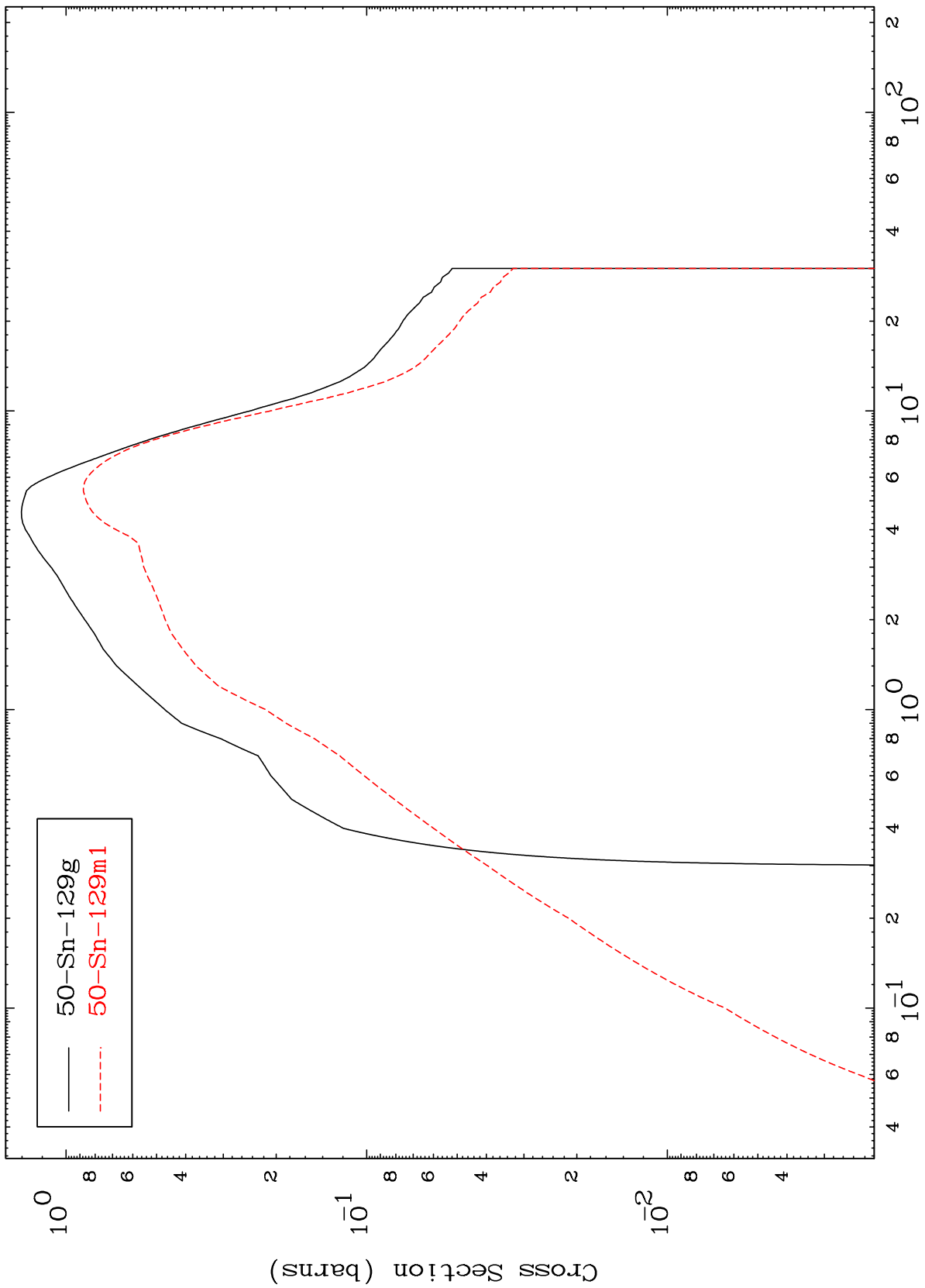




MAT 5076

50-Sn-129

Inelastic
Radionuclide Production Cross Section



— 50-Sn-129g
- - - 50-Sn-129m1

136

50-Sn-129

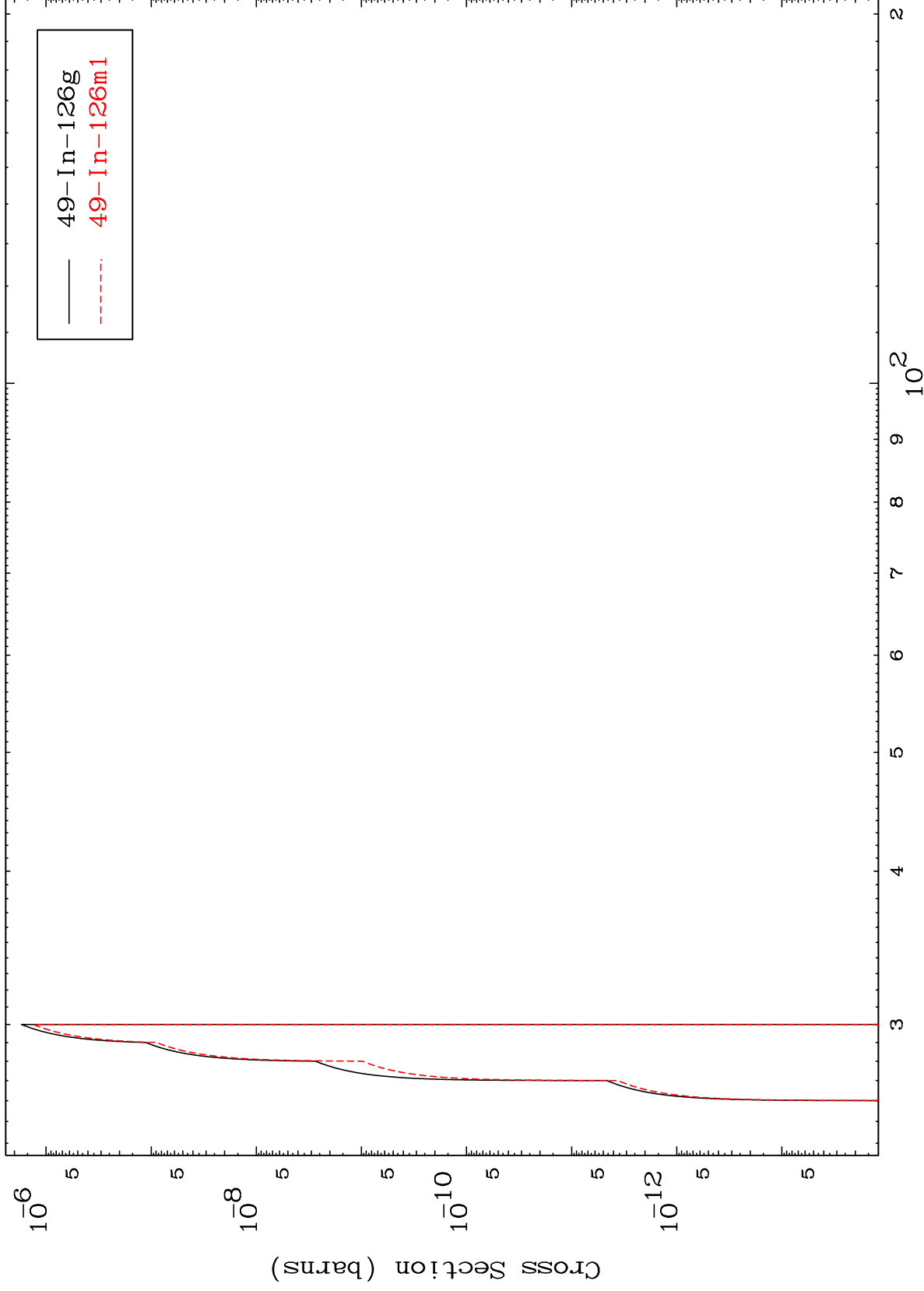
Incident Energy (MeV)

MAT 5076

(n,2n) d

50-Sn-129

Radionuclide Production Cross Section



137

Incident Energy (MeV)

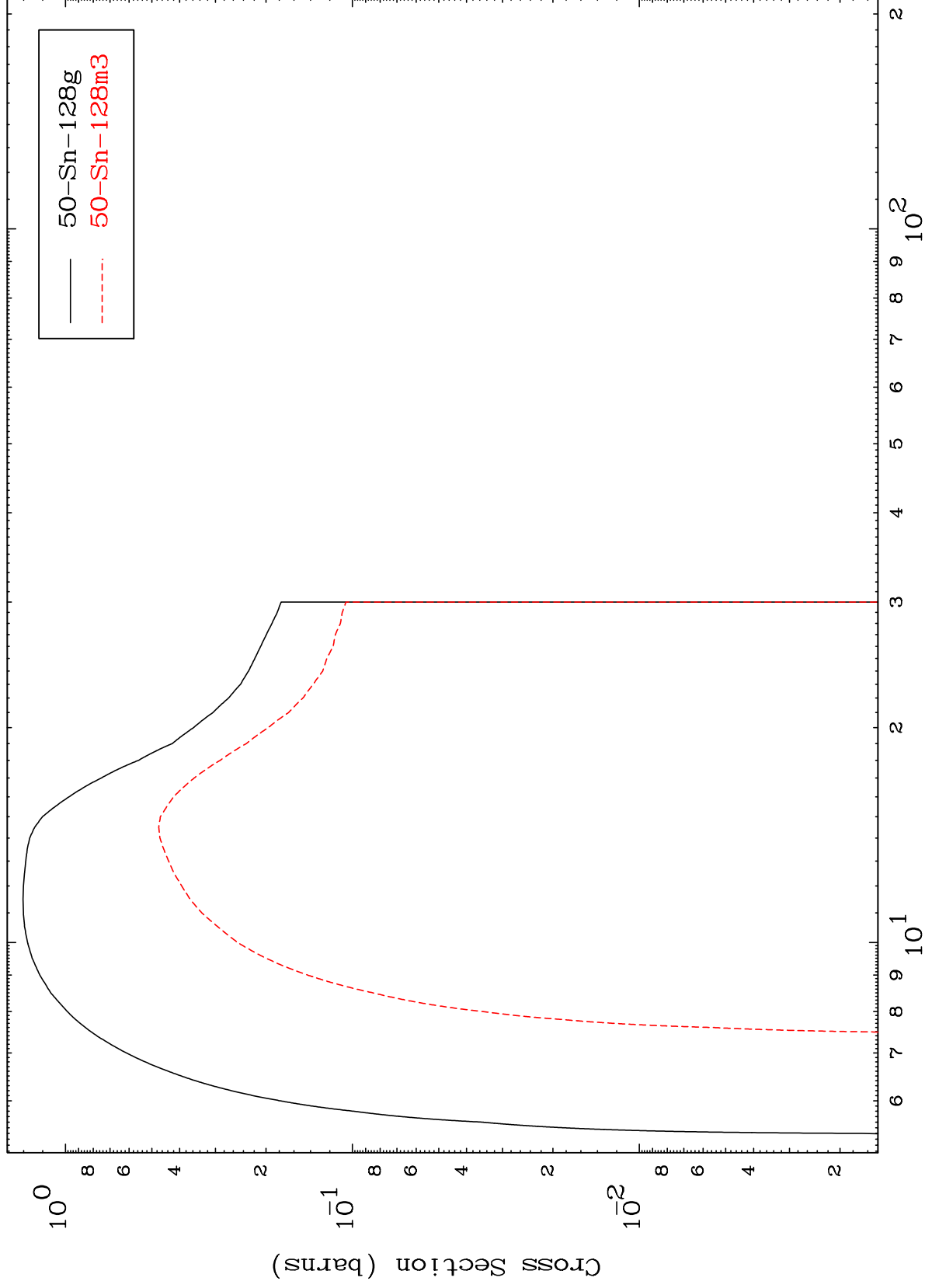
50-Sn-129

MAT 5076

(n,2n)

50-Sn-129

Radionuclide Production Cross Section



138

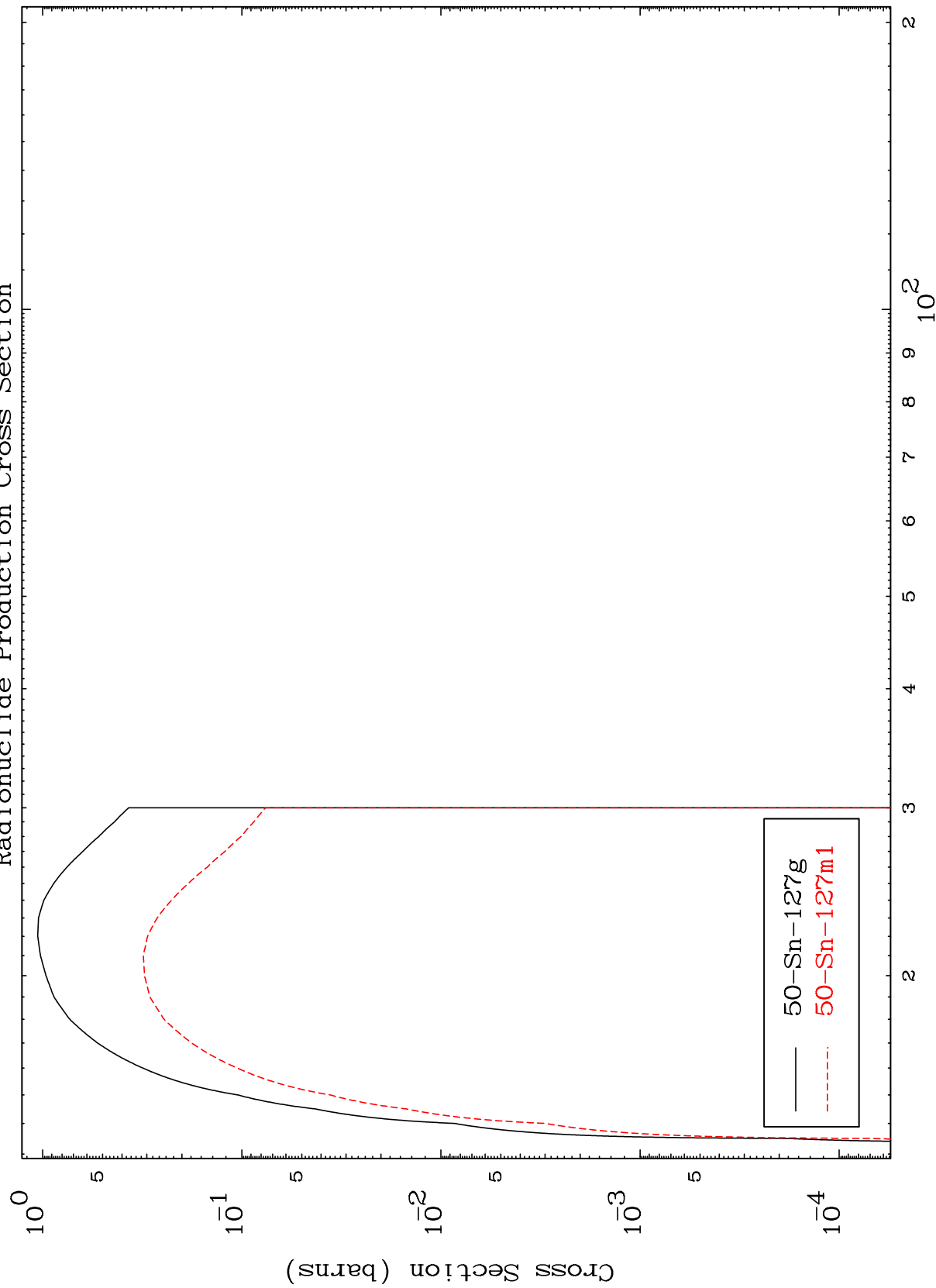
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,3n)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

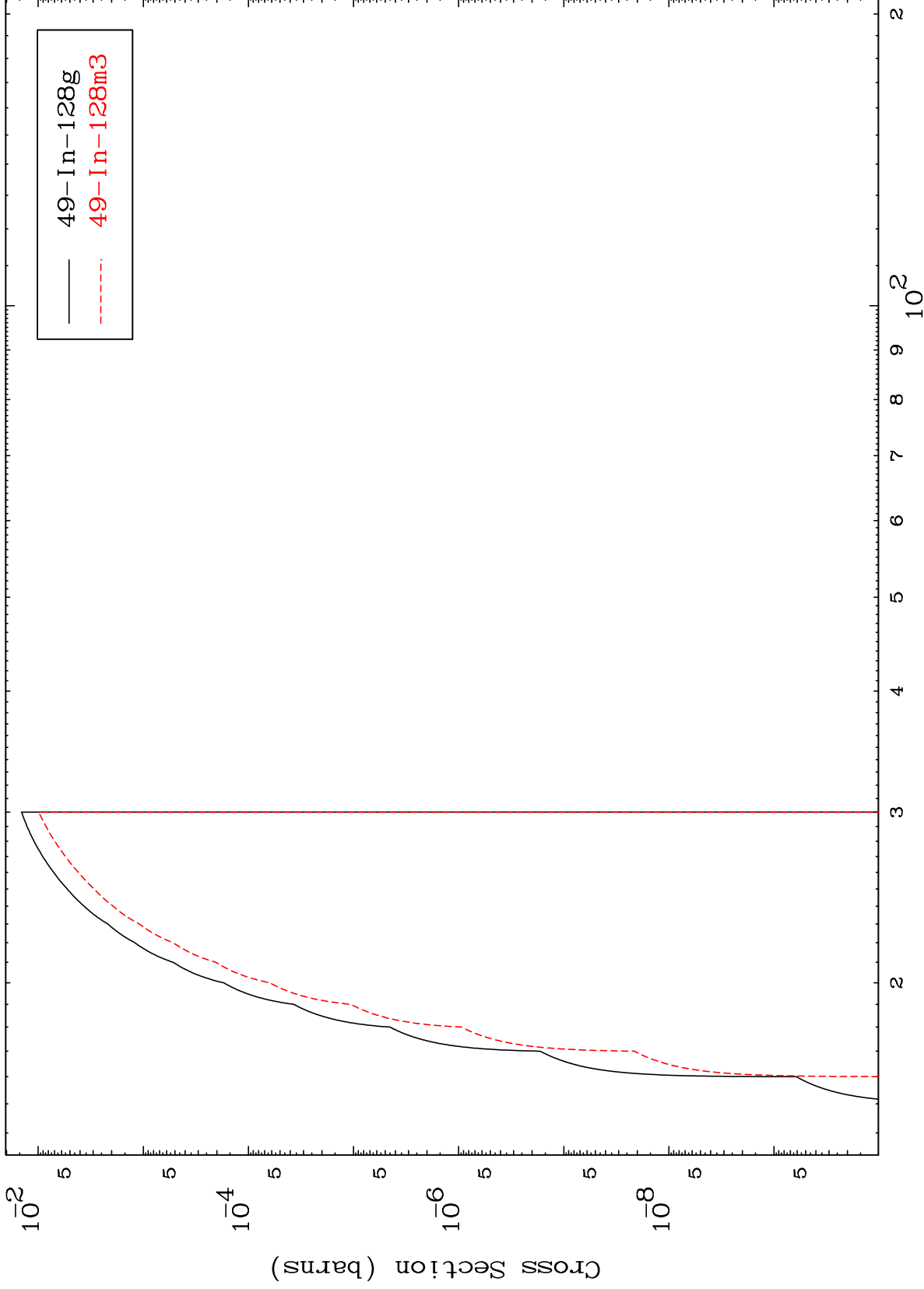
50-Sn-129

MAT 5076

(n,n') p

50-Sn-129

Radionuclide Production Cross Section

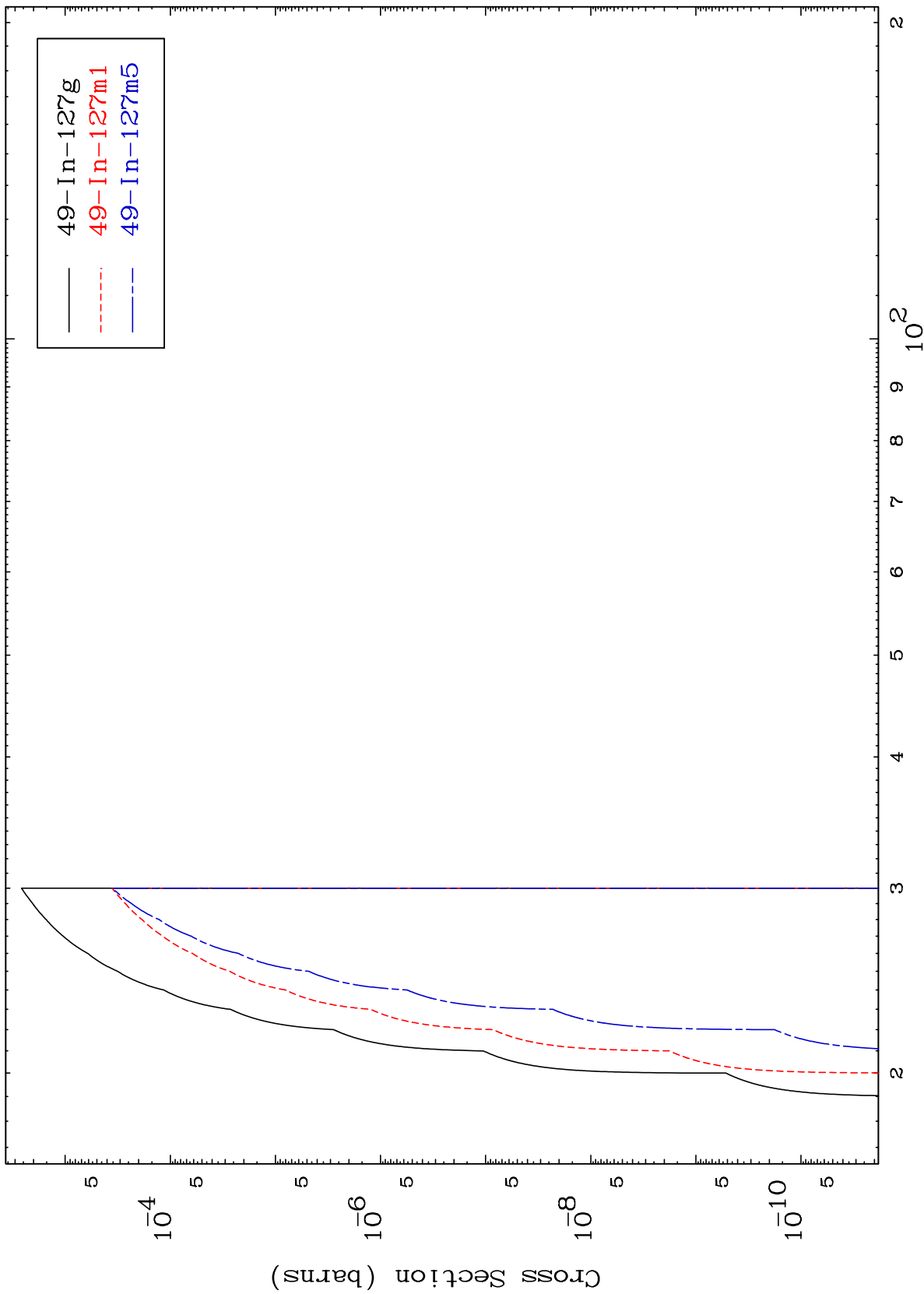


140

Incident Energy (MeV)

50-Sn-129

Radionuclide Production Cross Section

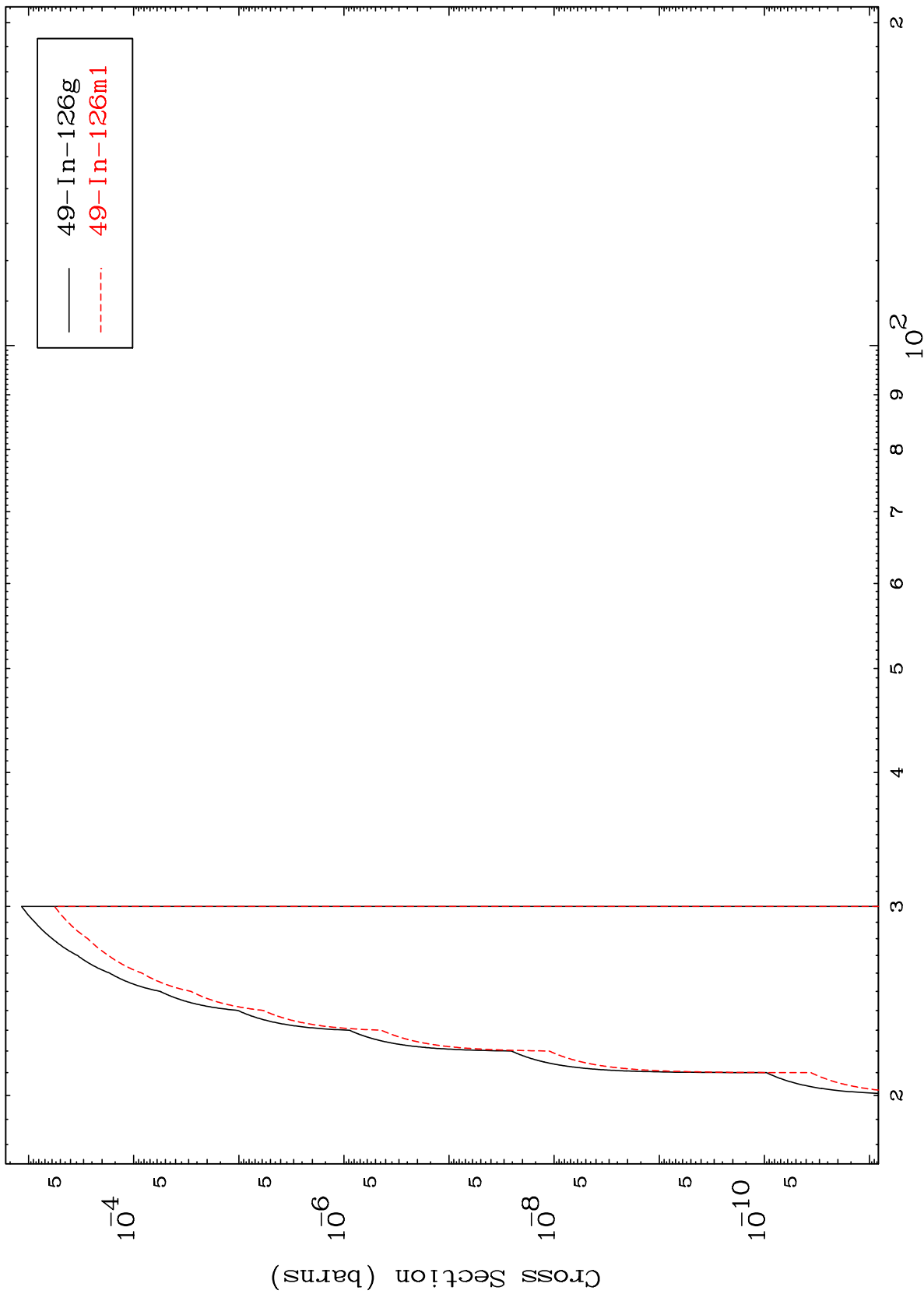


MAT 5076

(n,n') t

50-Sn-129

Radionuclide Production Cross Section



142

Incident Energy (MeV)

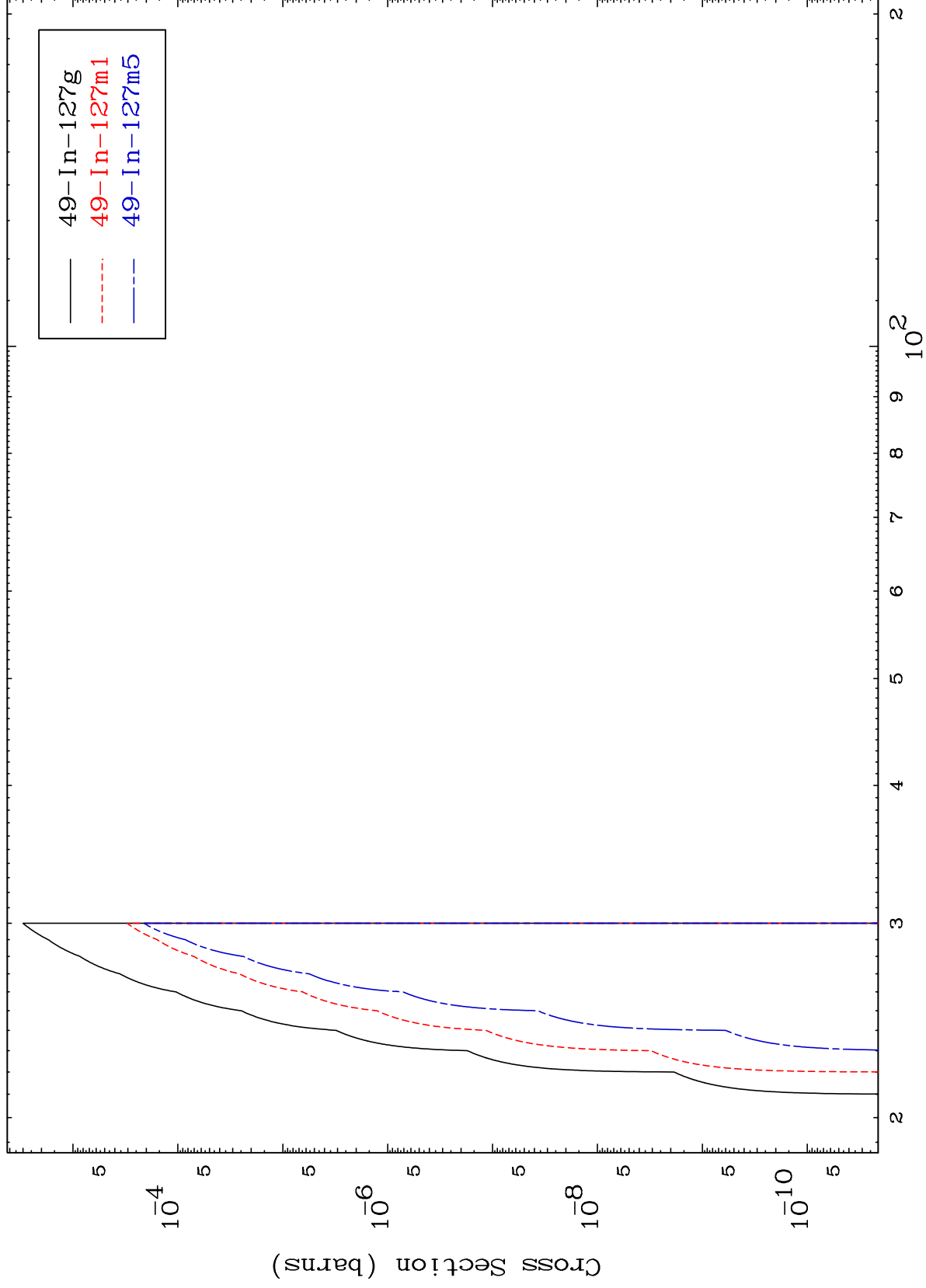
50-Sn-129

MAT 5076

(n,2n) p

50-Sn-129

Radionuclide Production Cross Section



143

Incident Energy (MeV)

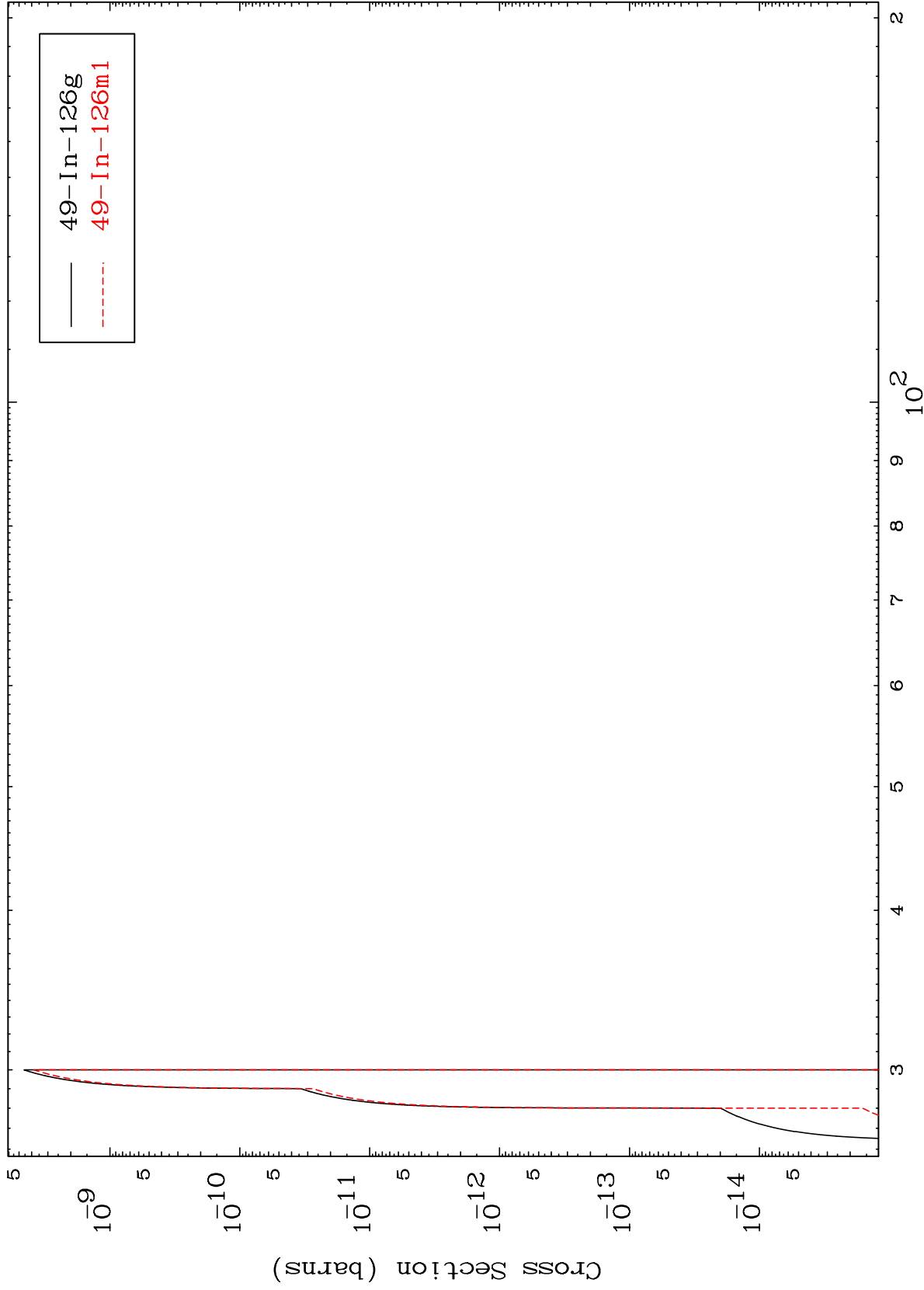
50-Sn-129

MAT 5076

(n,3n) p

50-Sn-129

Radionuclide Production Cross Section



144

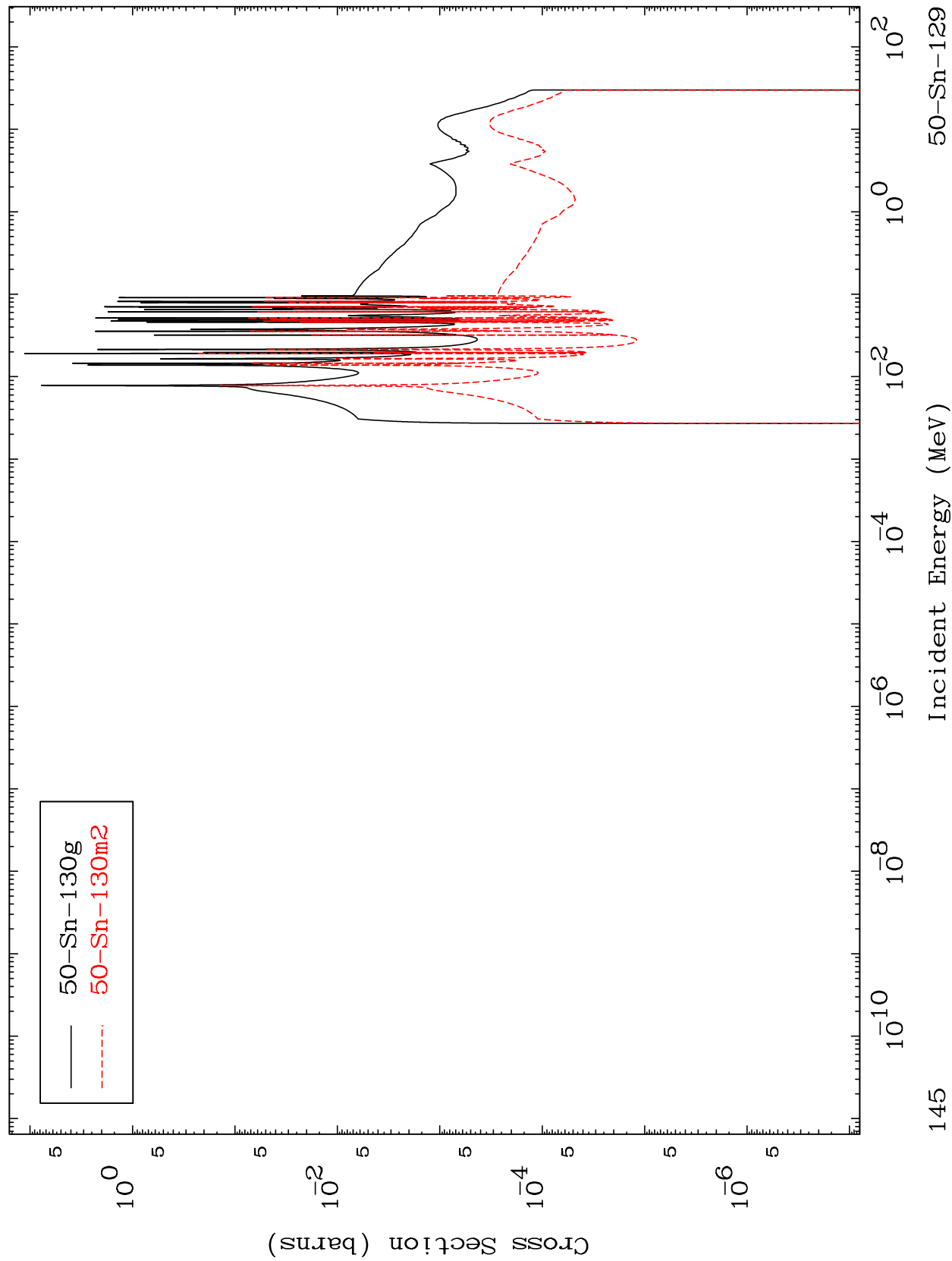
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

Radionuclide Production Cross Section
(n,γ)



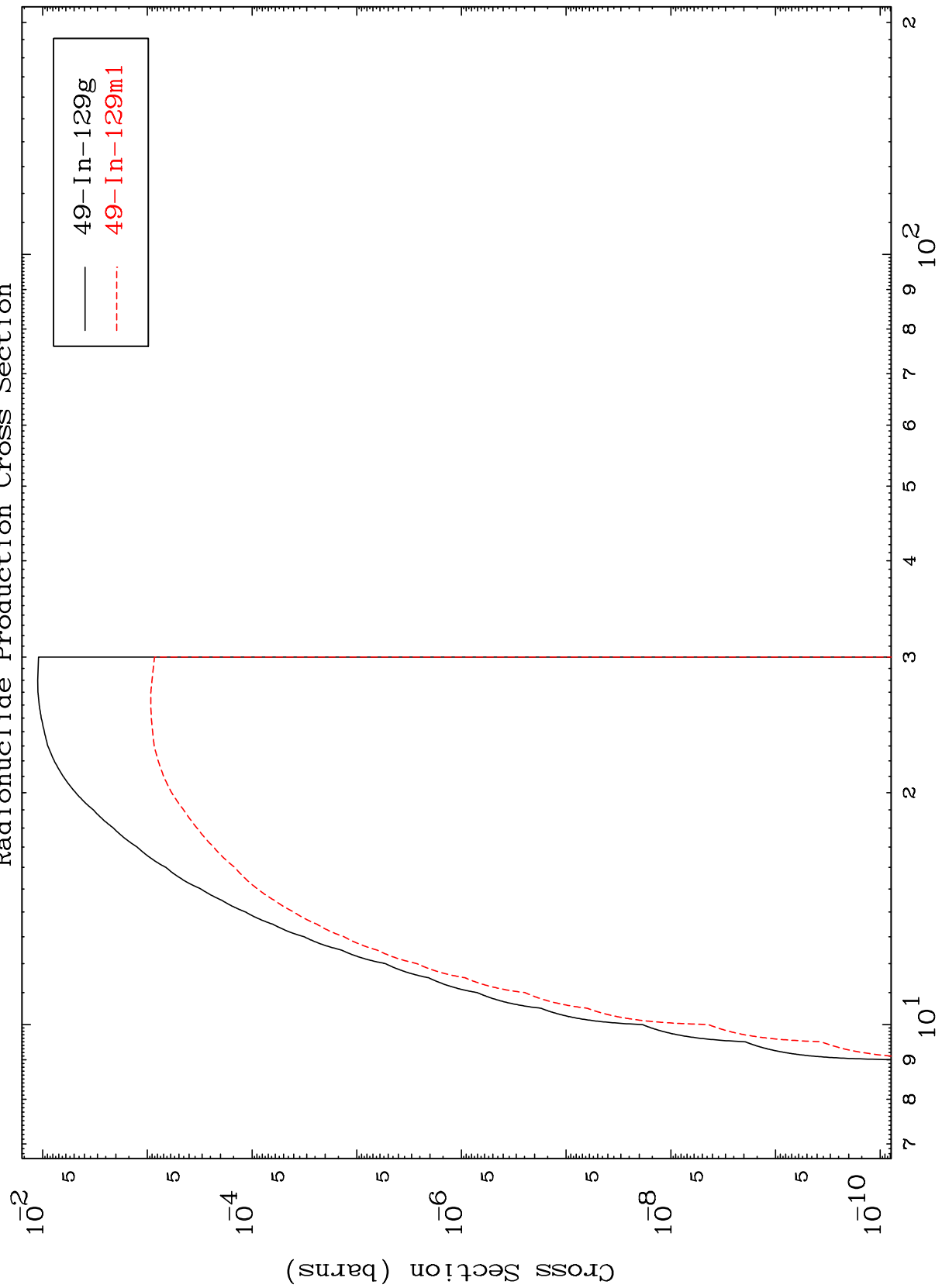
145

50-Sn-129

MAT 5076

50-Sn-129

(n,p)
Radionuclide Production Cross Section



146

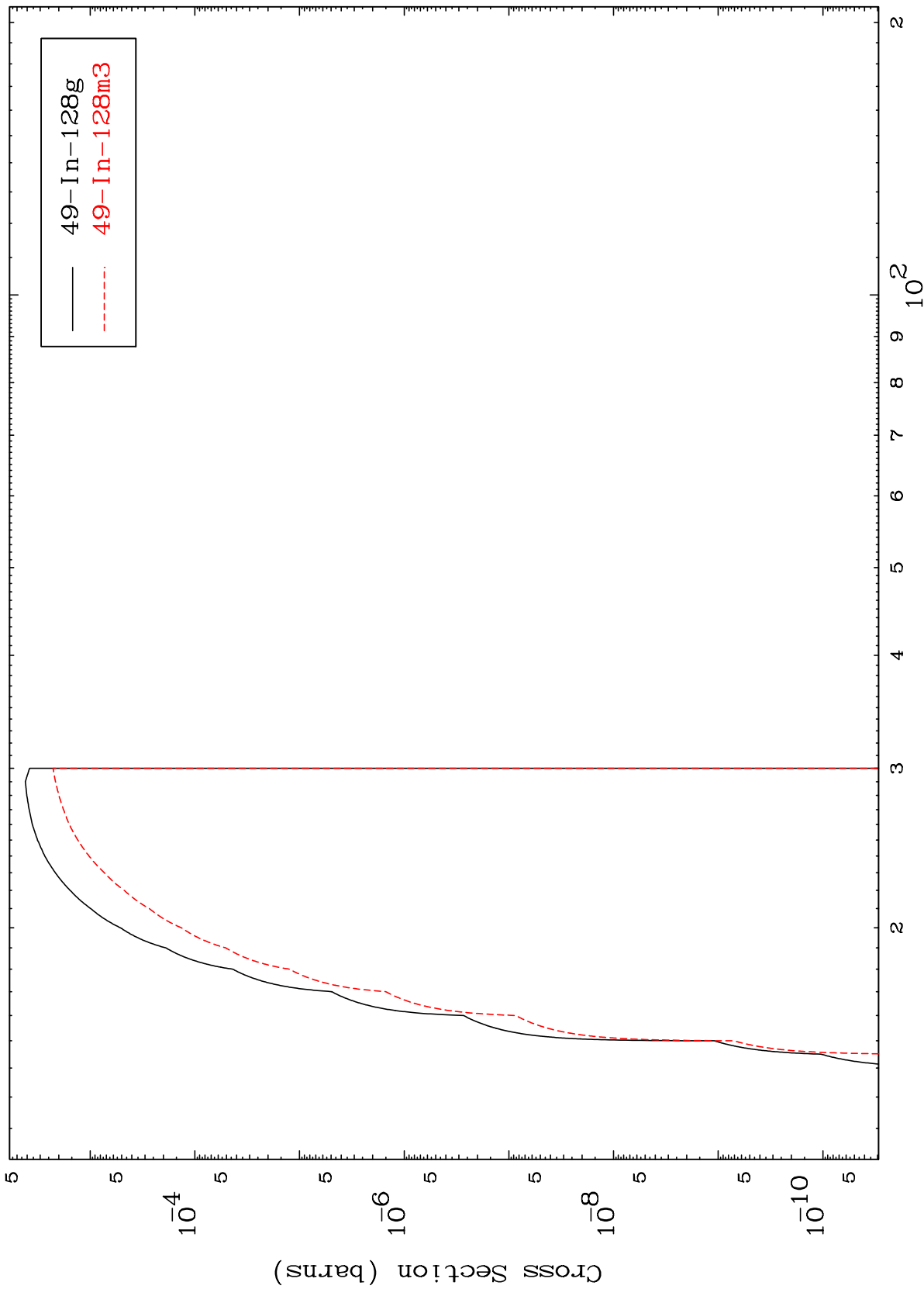
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,d)
Radionuclide Production Cross Section



147

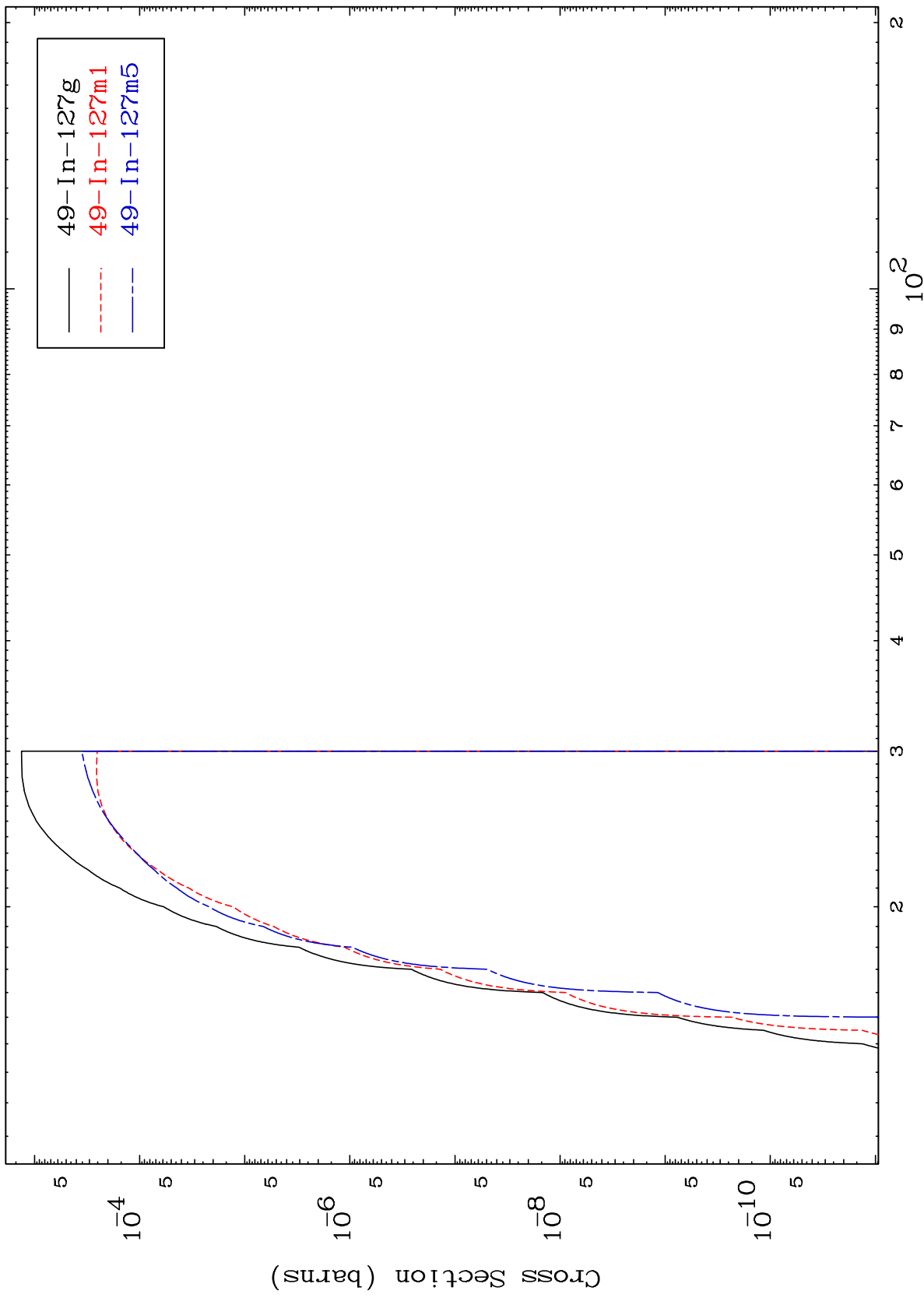
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,t)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

50-Sn-129