

Program EVALPLOT
(Version 2021-1)

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

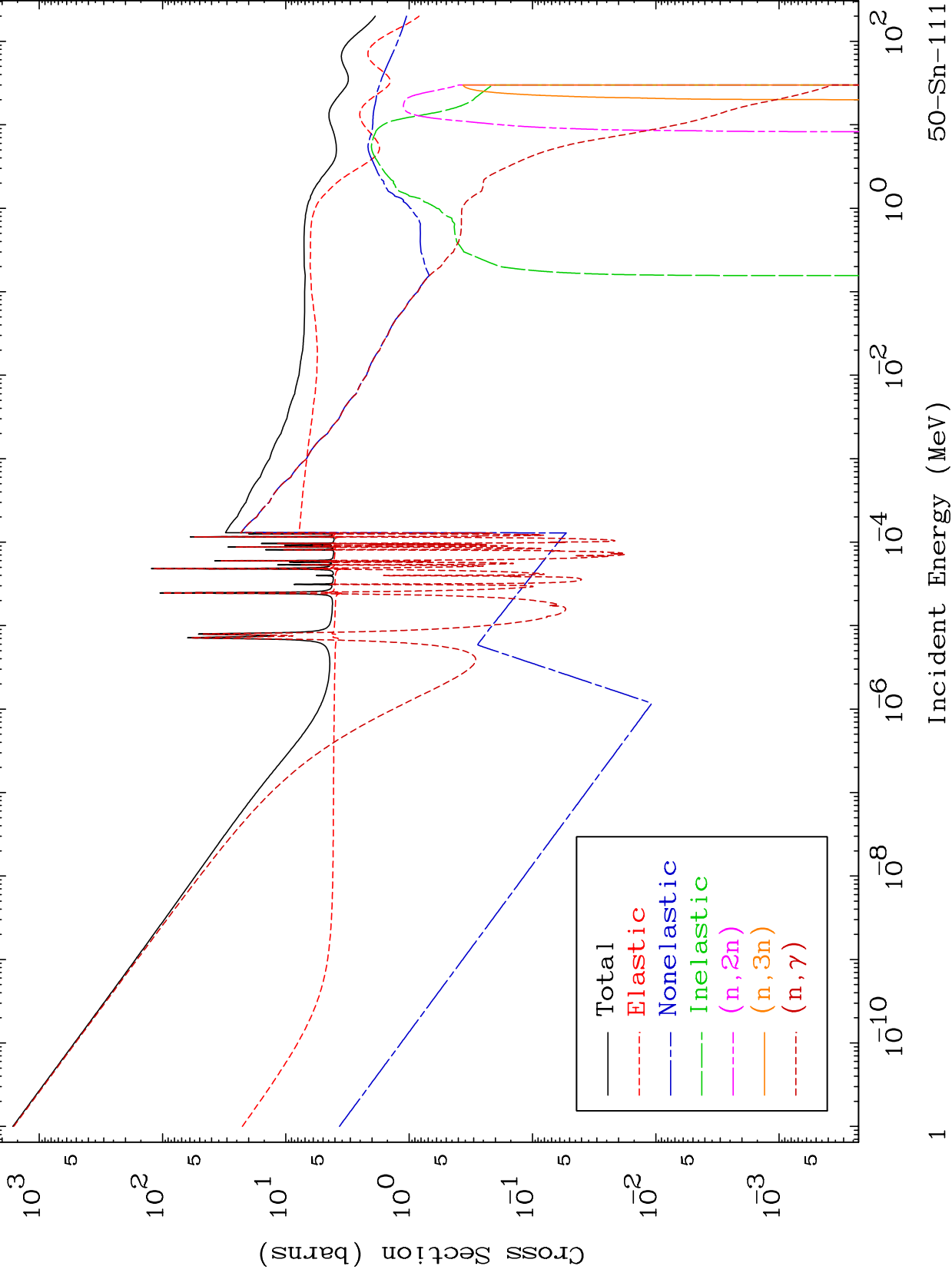
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5022

Neutron Major
293 Kelvin Cross Sections

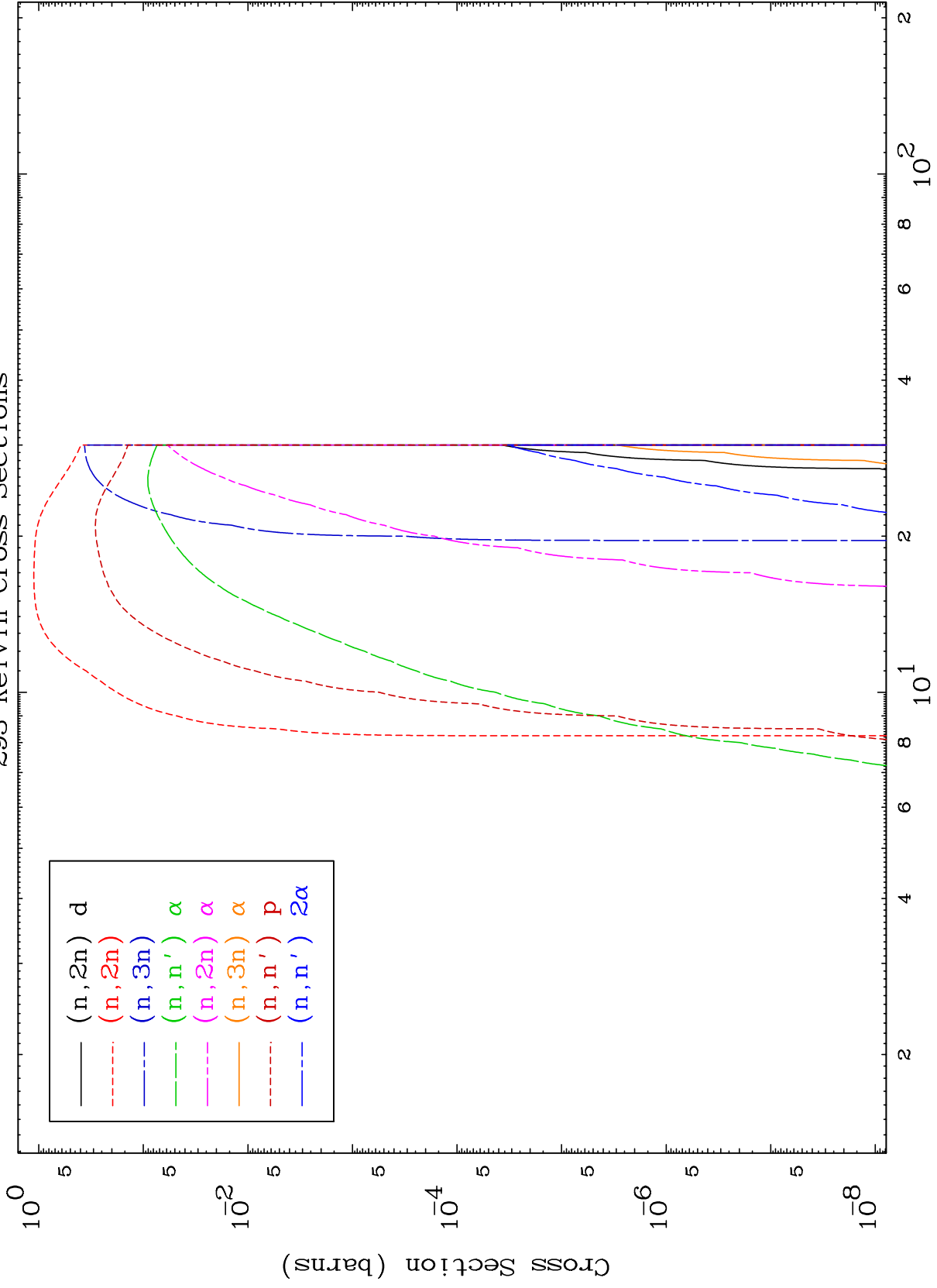
50-Sn-111



MAT 5022

Neutron Absorption
293 Kelvin Cross Sections

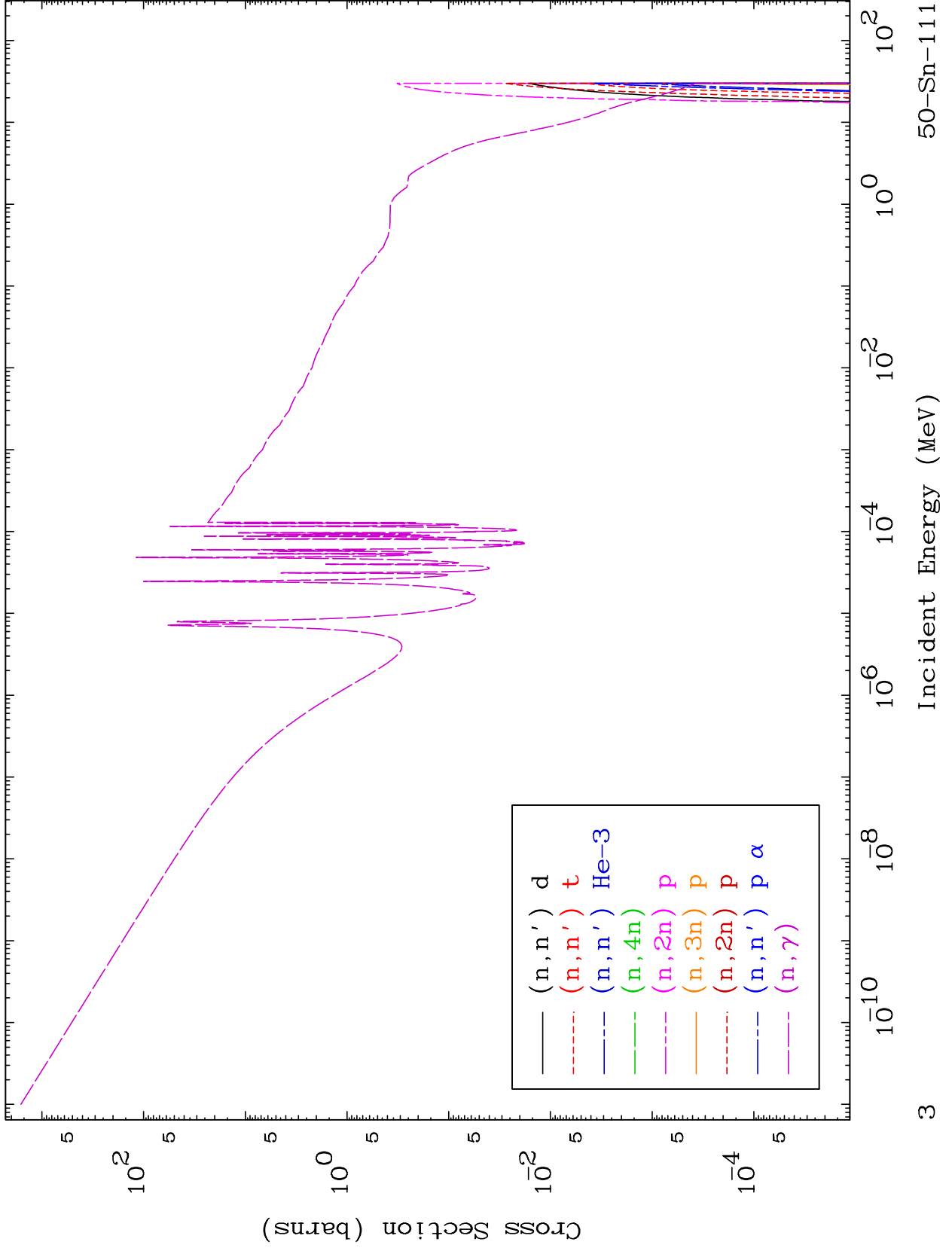
50-Sn-111



MAT 5022

Neutron Absorption
293 Kelvin Cross Sections

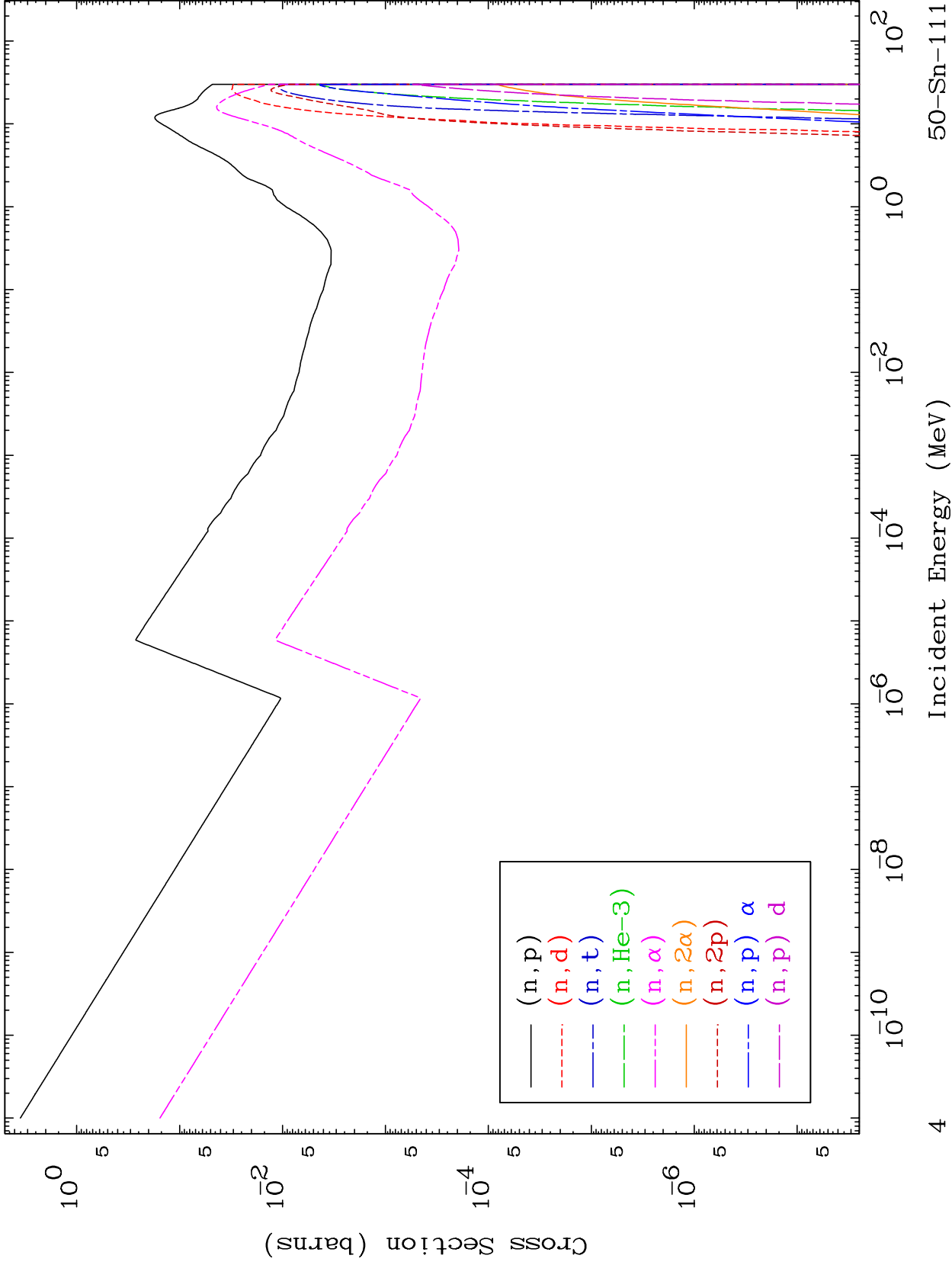
50-Sn-111

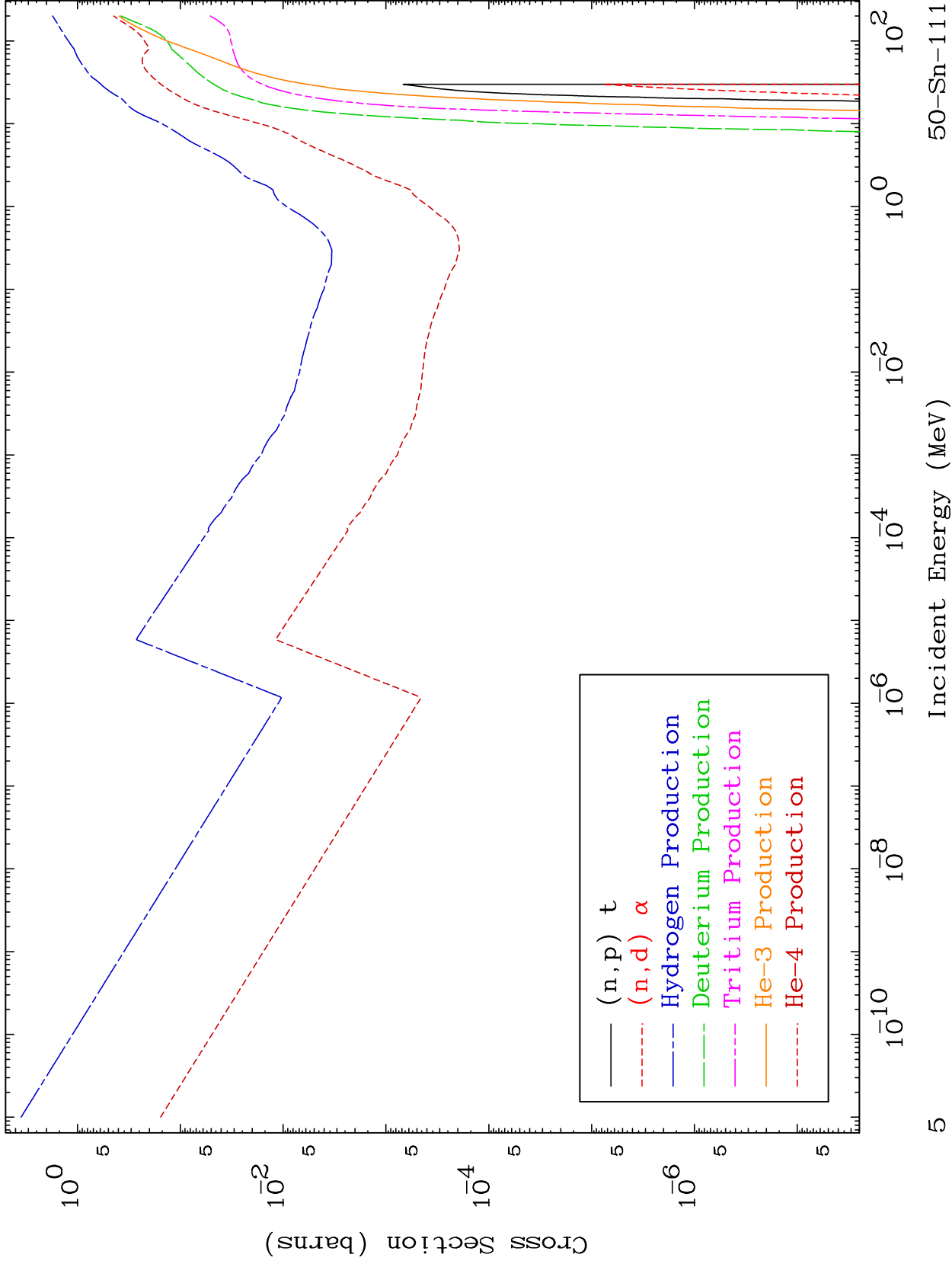


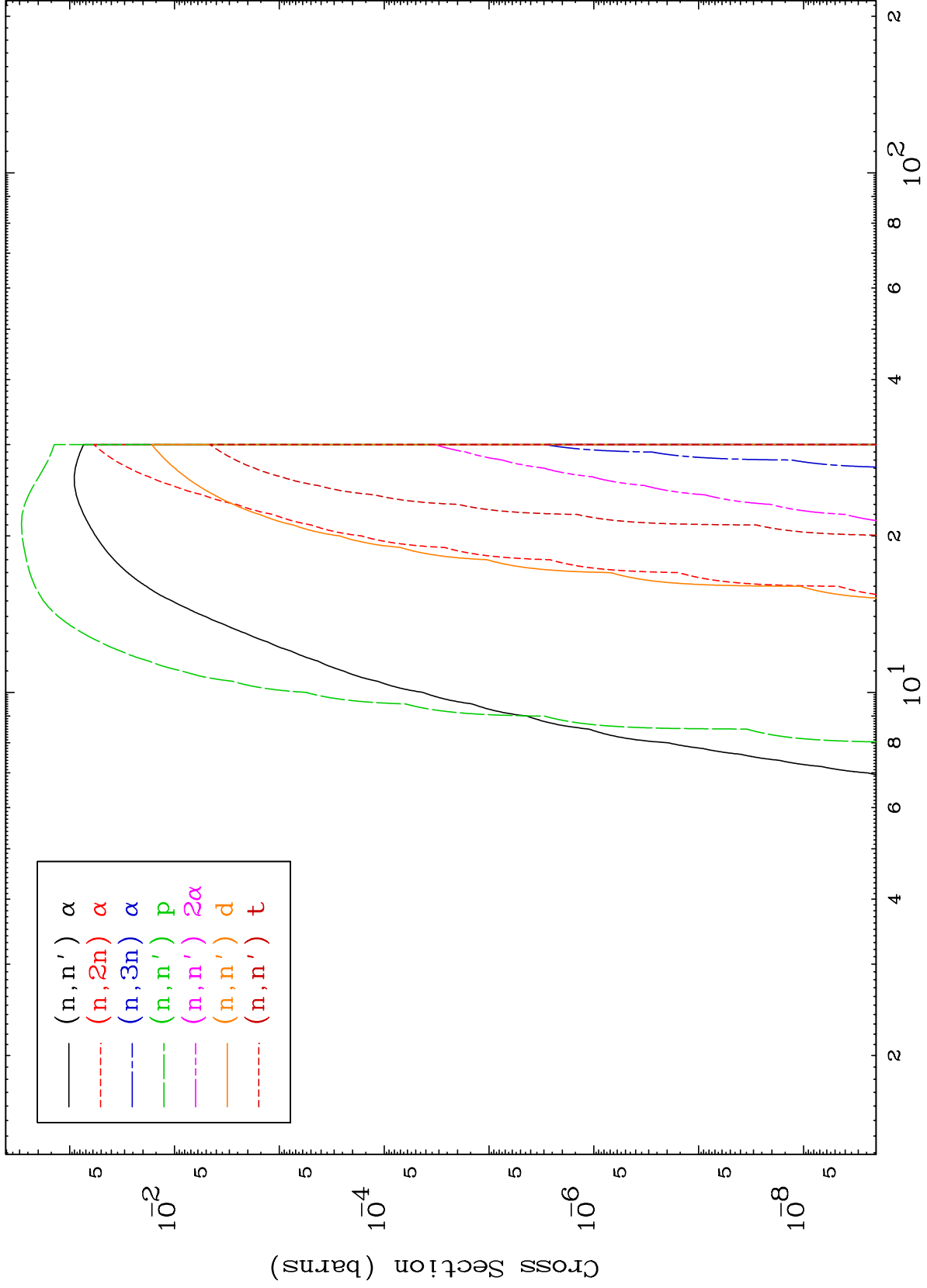
MAT 5022

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-111



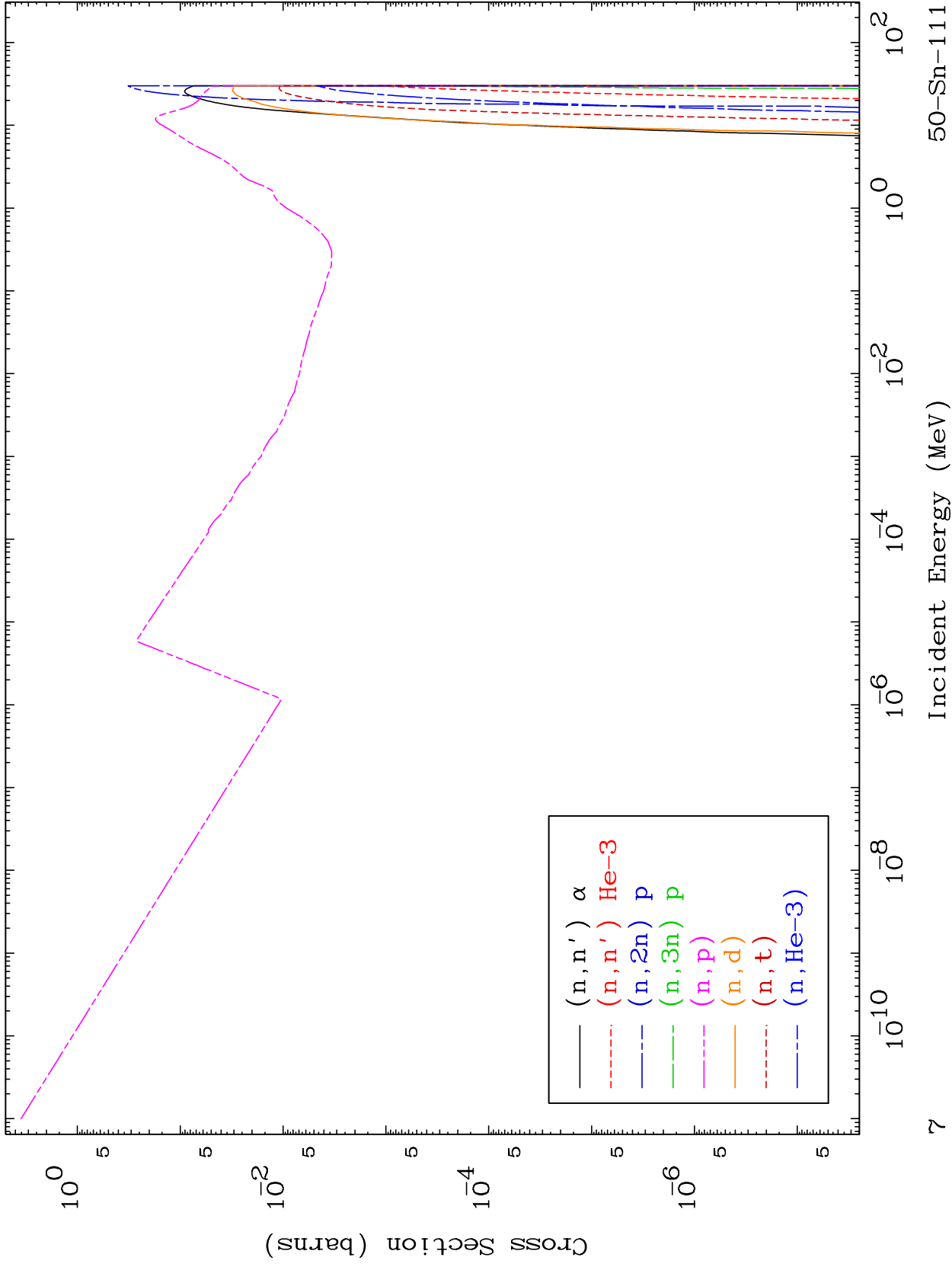




MAT 5022

Charged Particle
293 Kelvin Cross Sections

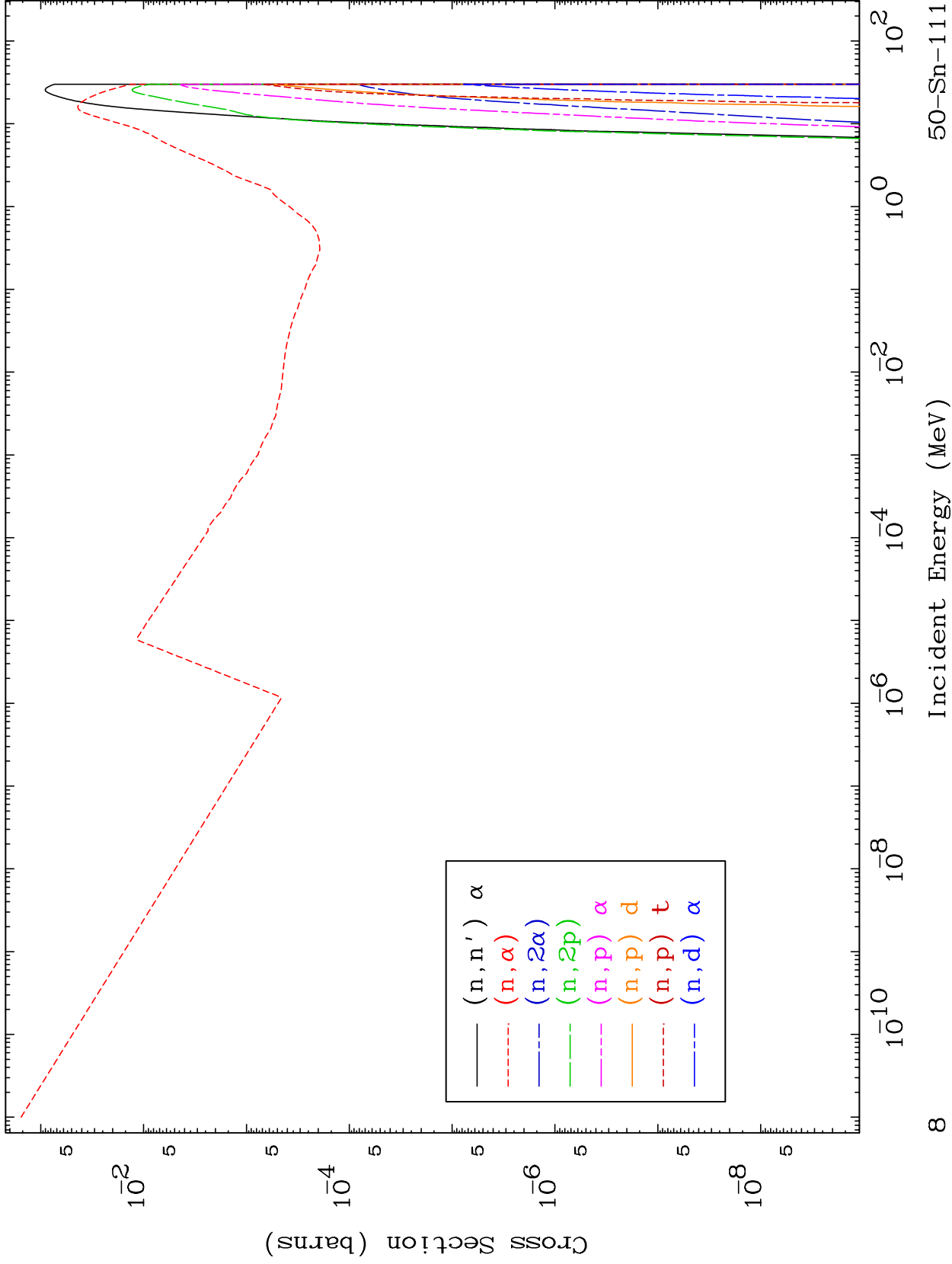
50-Sn-111

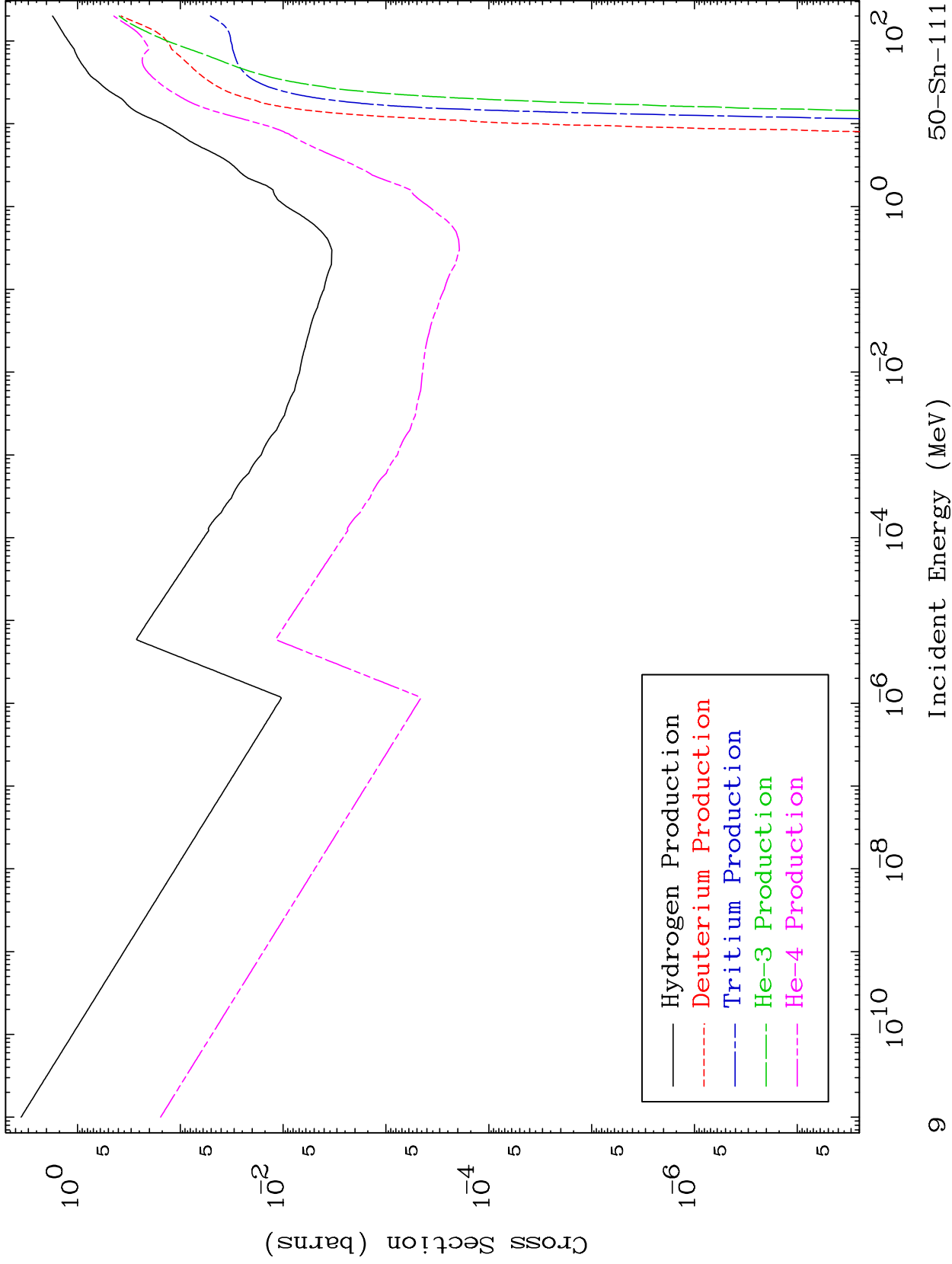


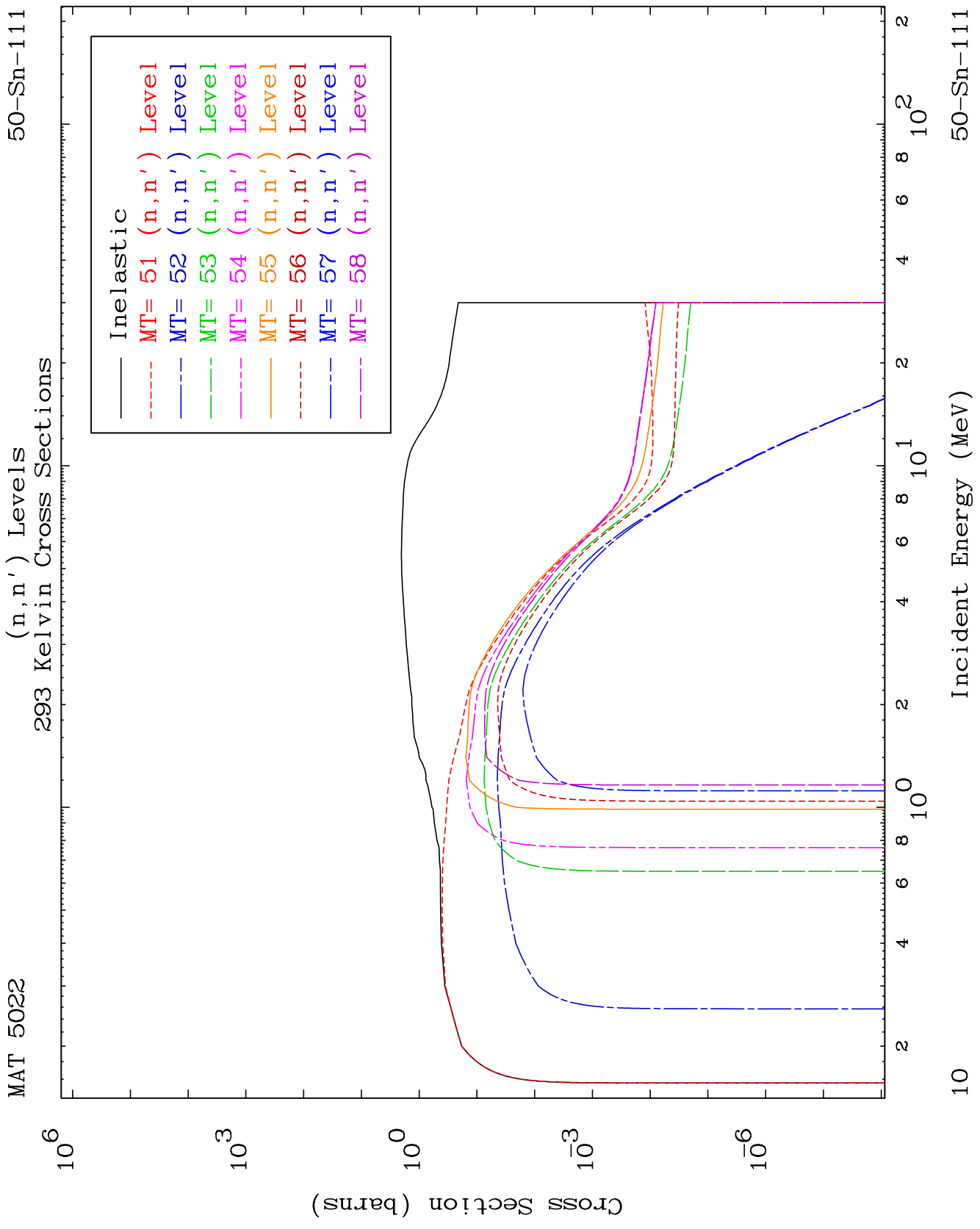
MAT 5022

Charged Particle
293 Kelvin Cross Sections

50-Sn-111





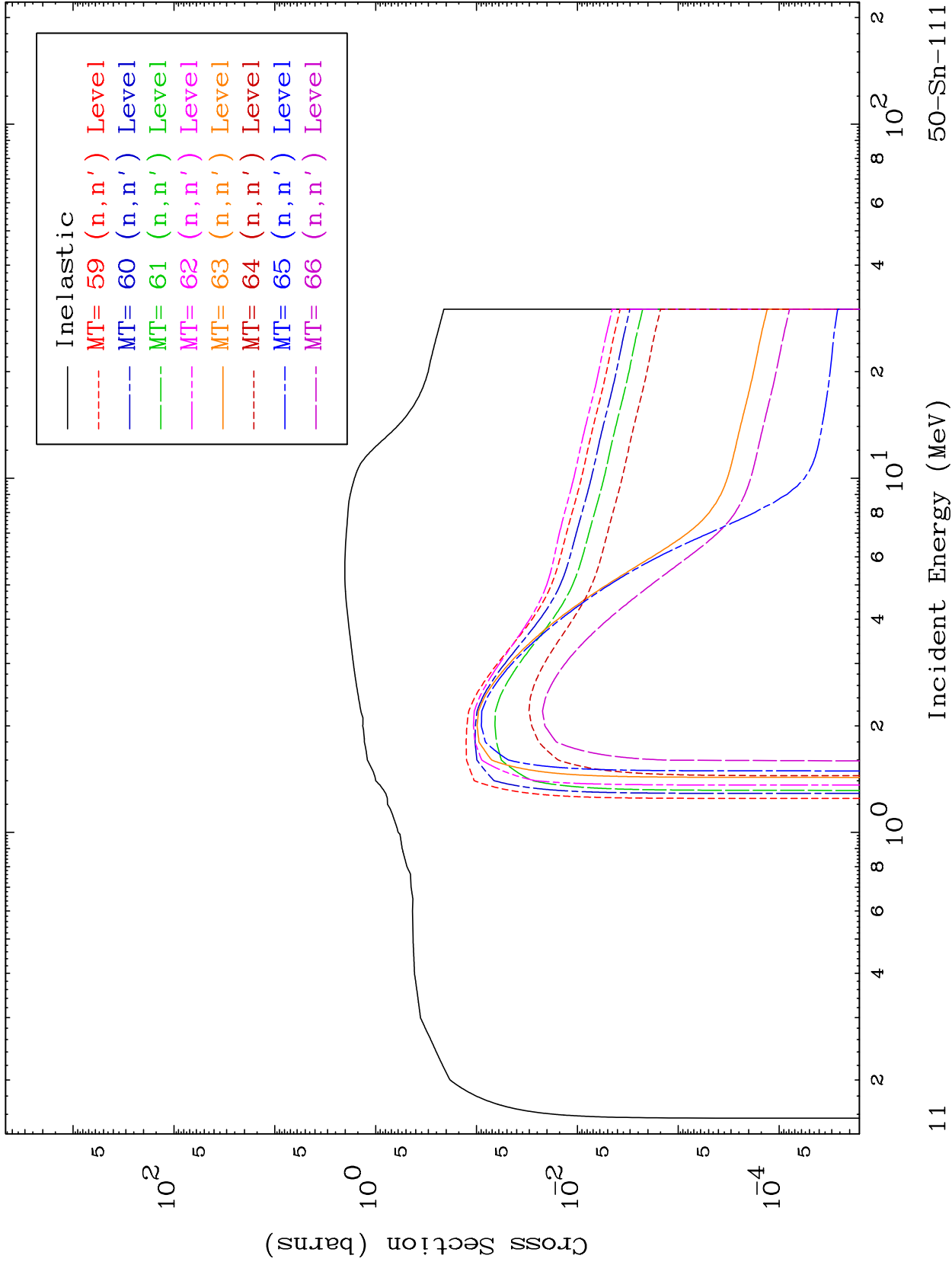


MAT 5022

(n,n') Levels

50-Sn-111

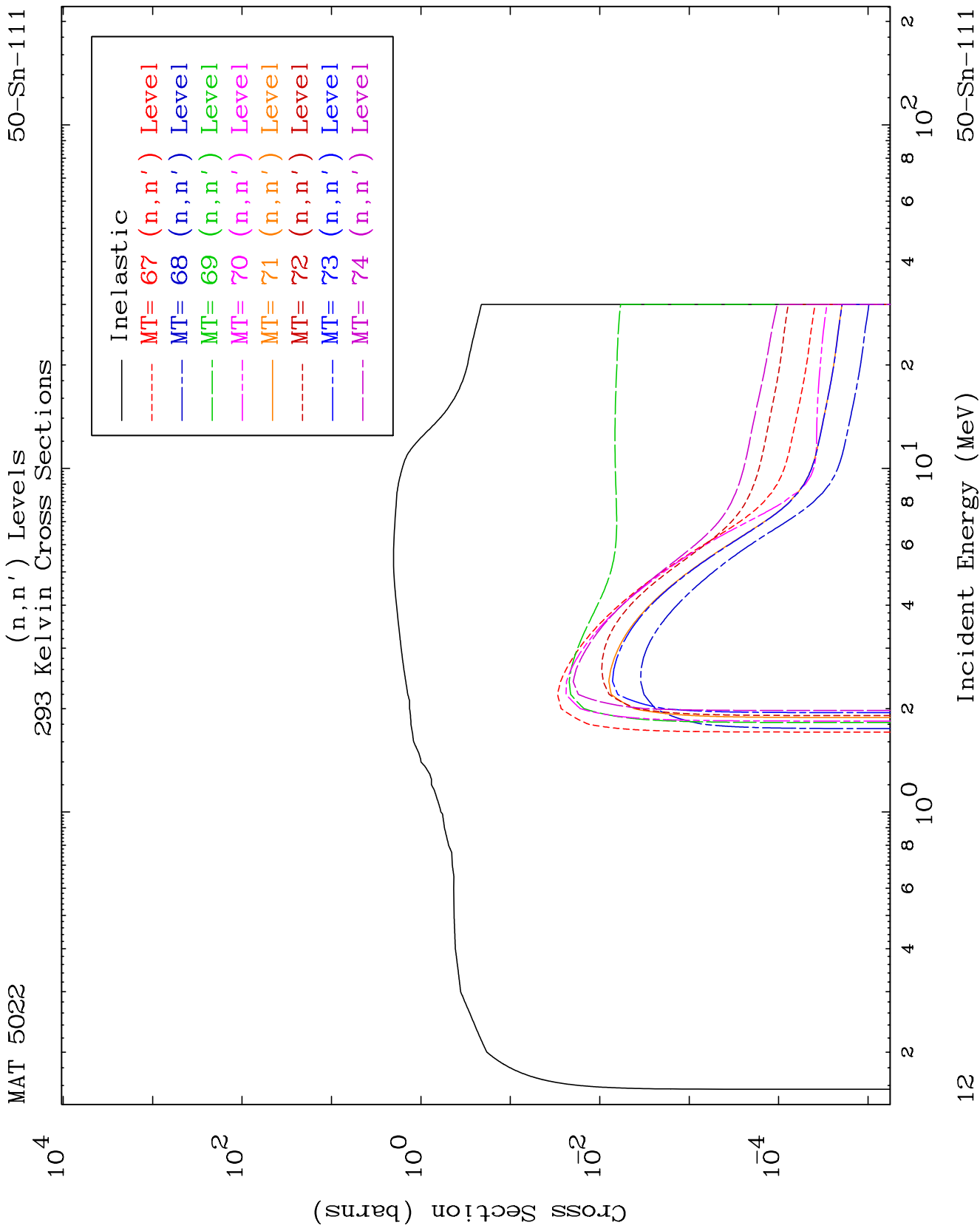
293 Kelvin Cross Sections



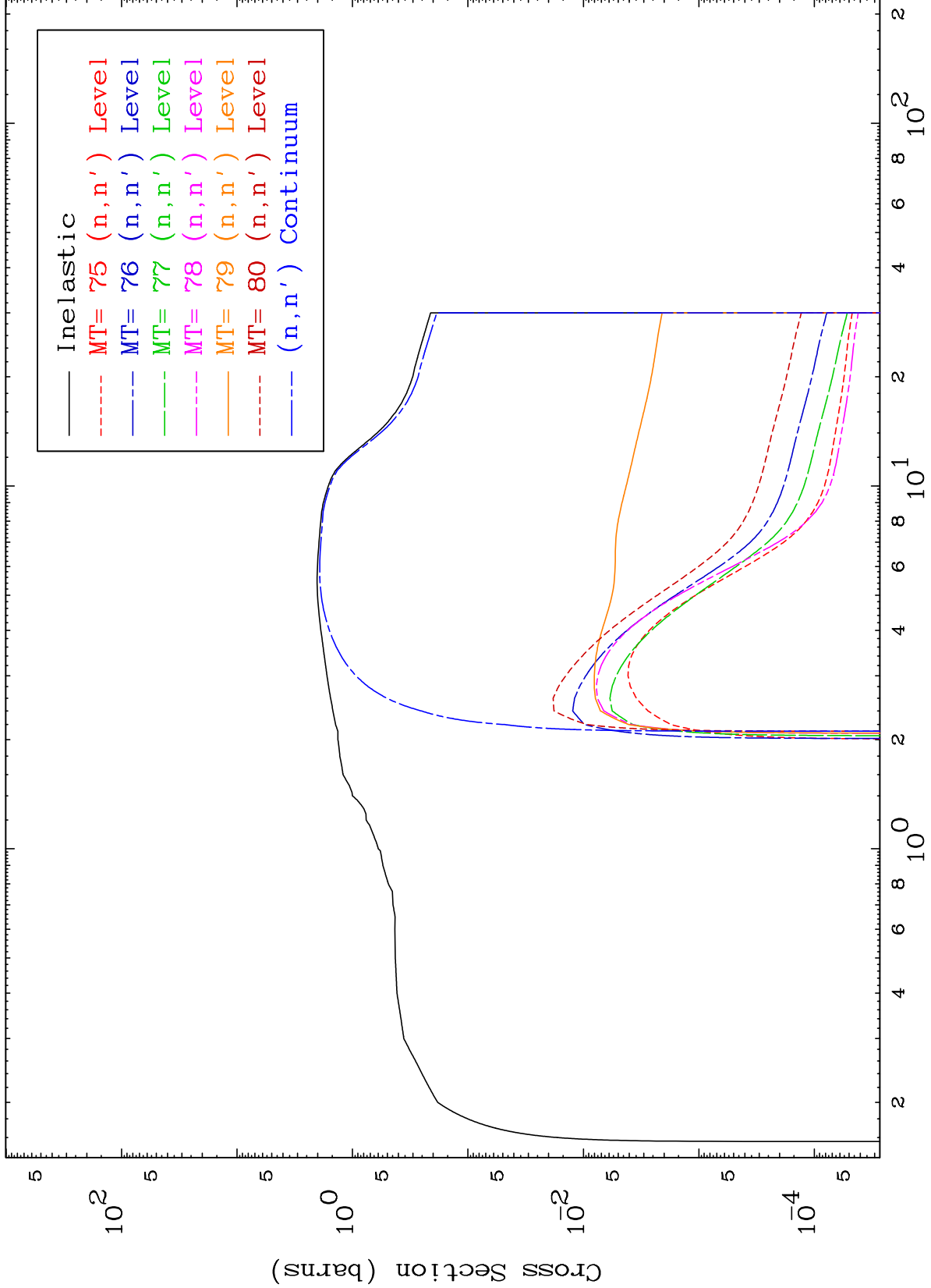
11

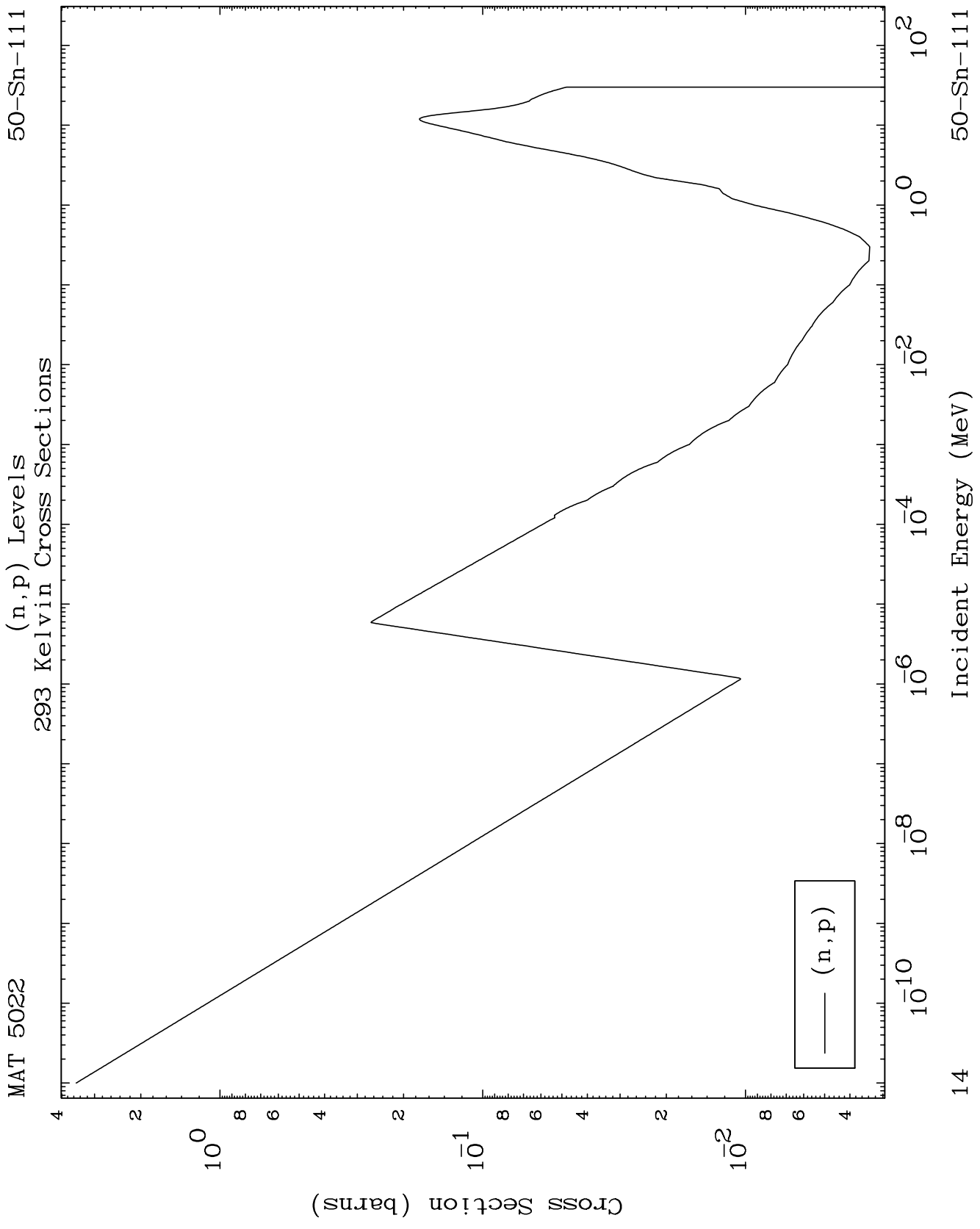
Incident Energy (MeV)

50-Sn-111



293 Kelvin Cross Sections

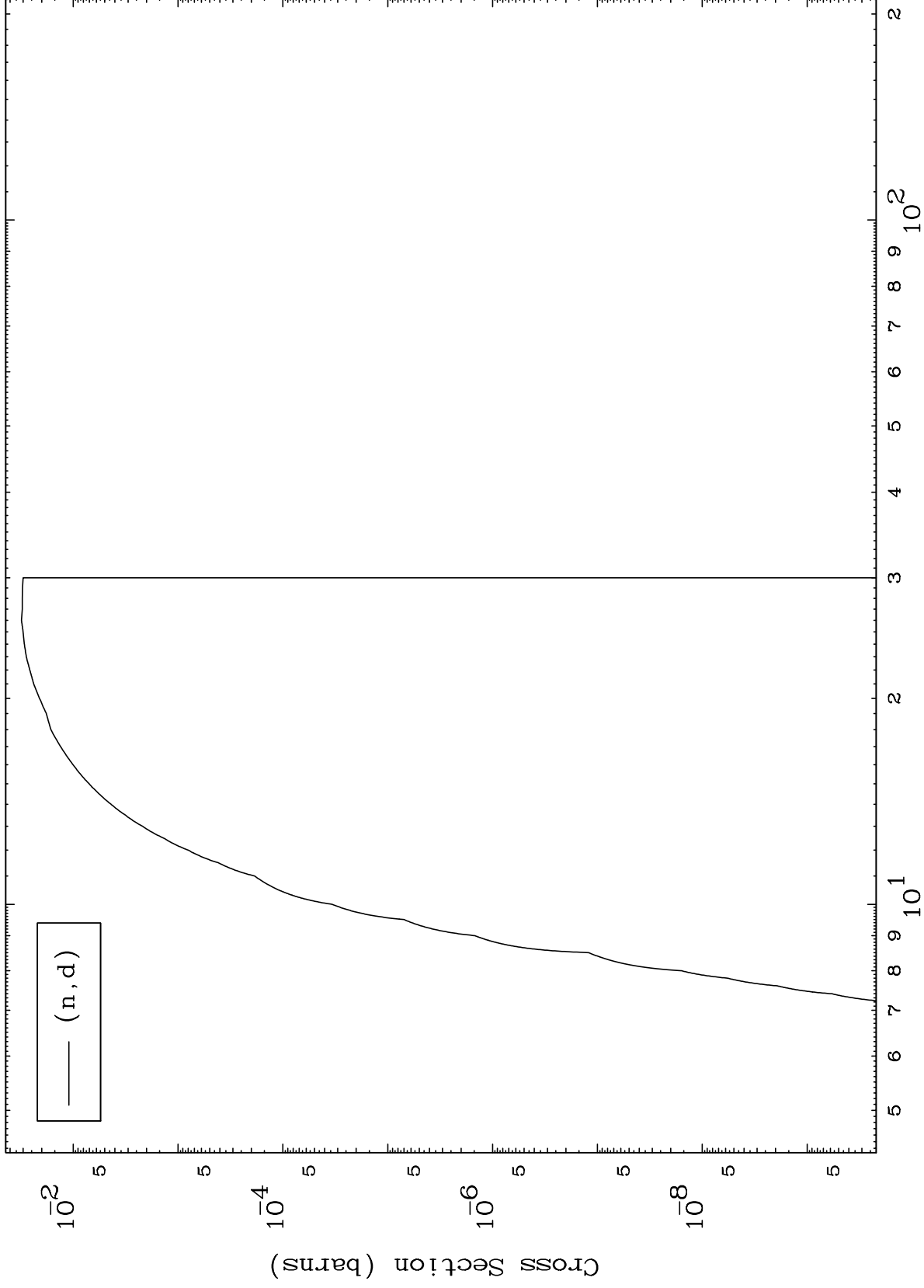




MAT 5022

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-111



15

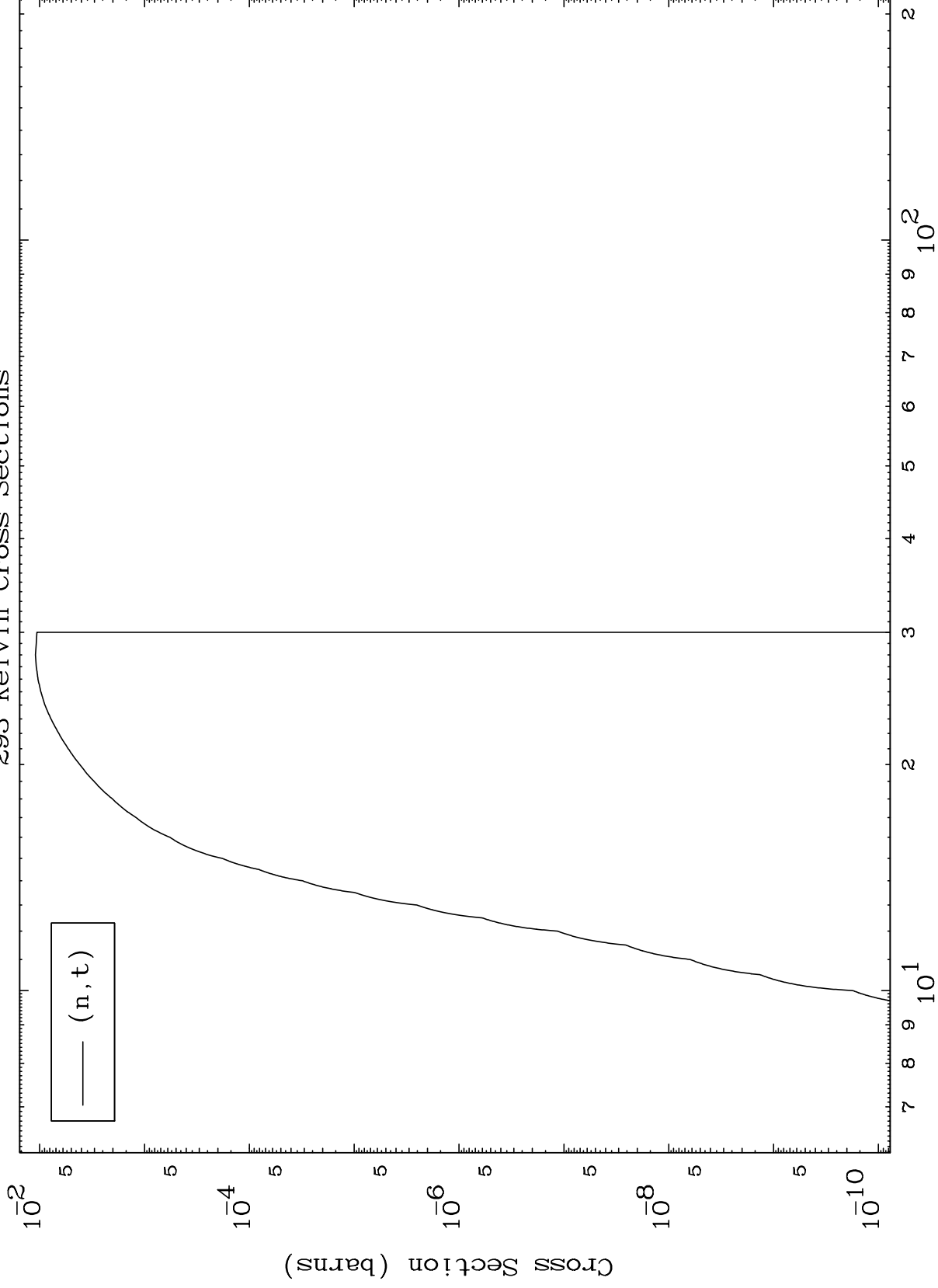
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-111



16

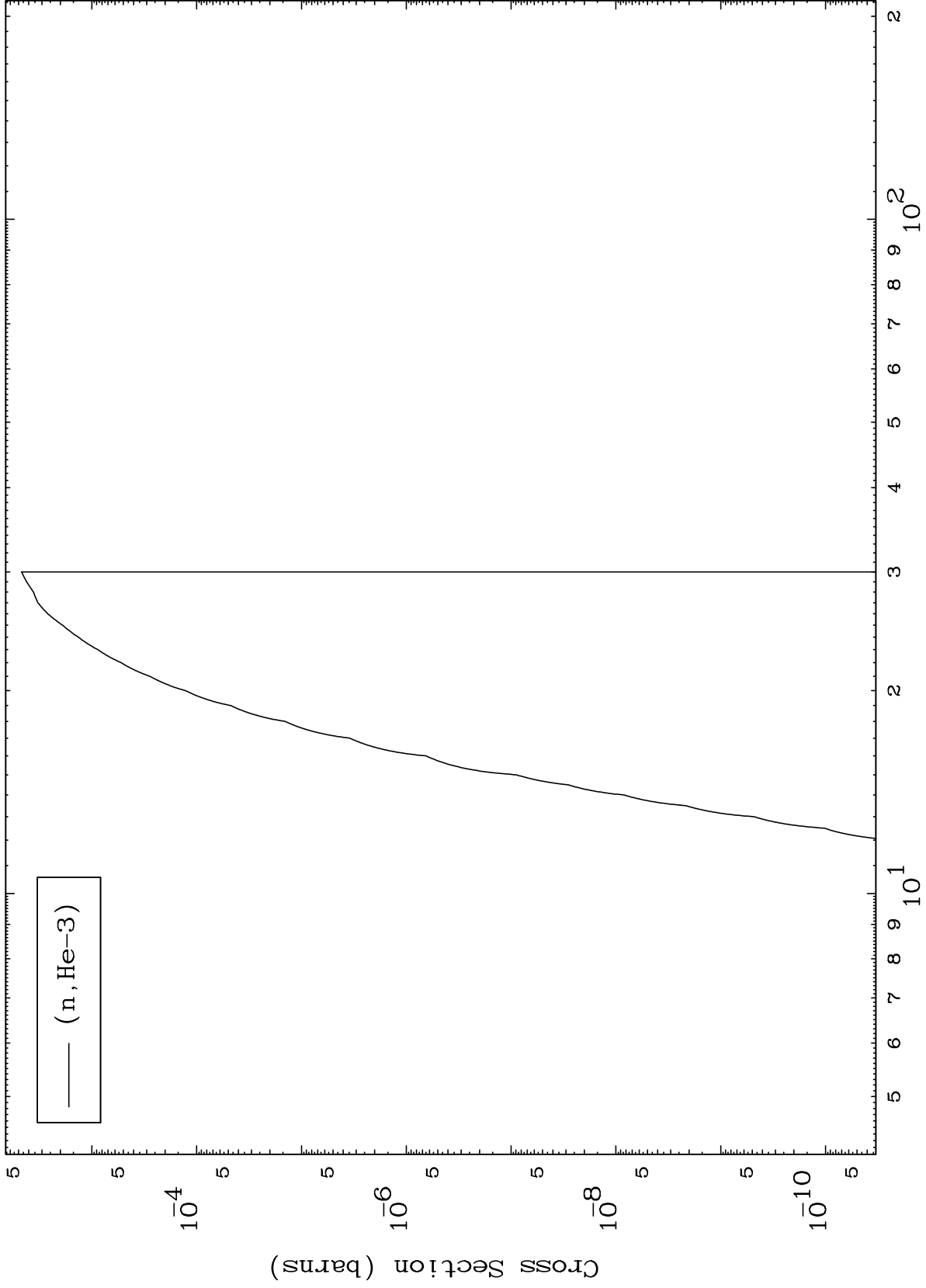
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-111



17

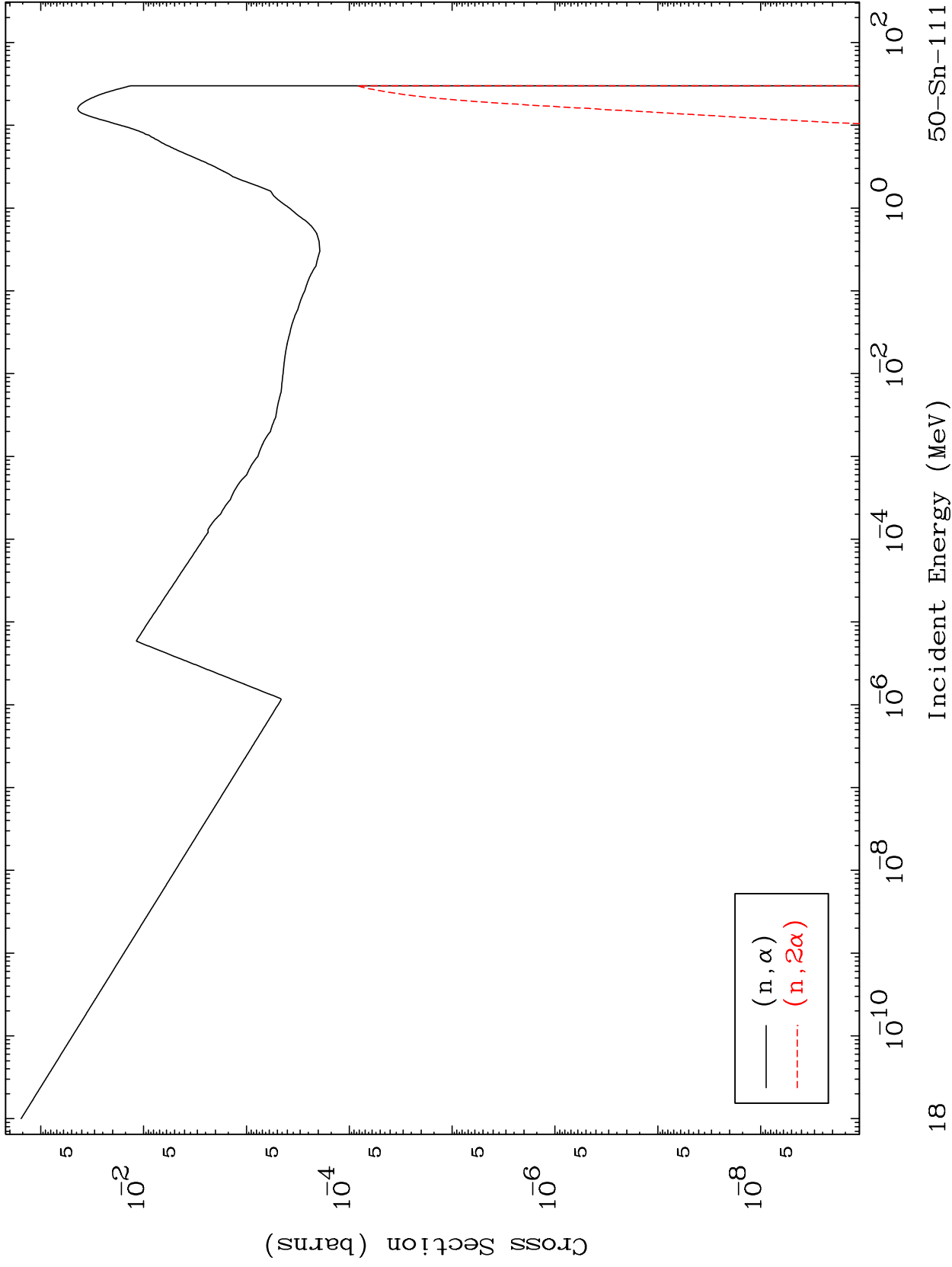
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n, α) Levels
293 Kelvin Cross Sections

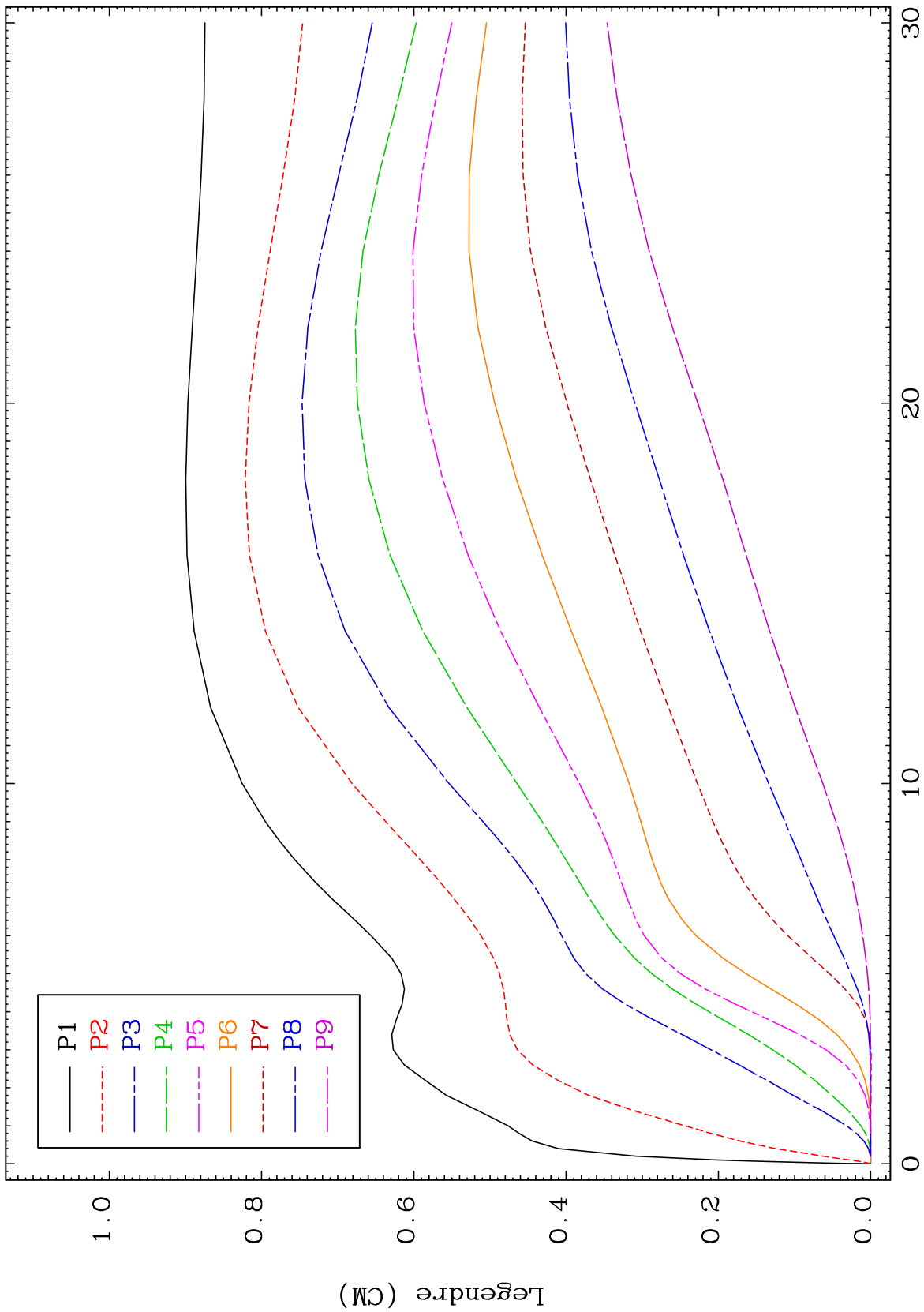
50-Sn-111



MAT 5022

Elastic Legendre Coefficients

50-Sn-111



19

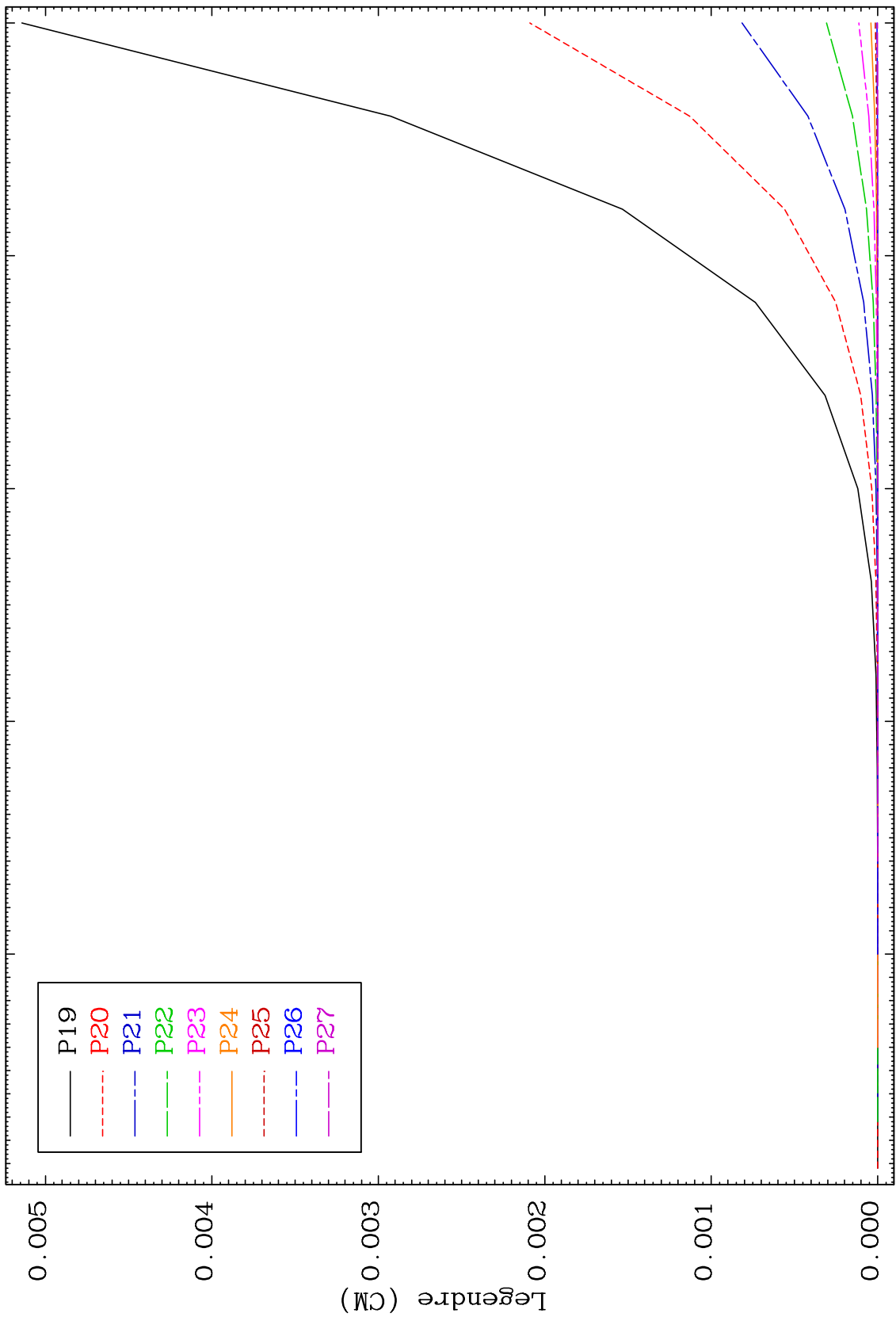
Incident Energy (MeV)

50-Sn-111

MAT 5022

Elastic Legendre Coefficients

50-Sn-111



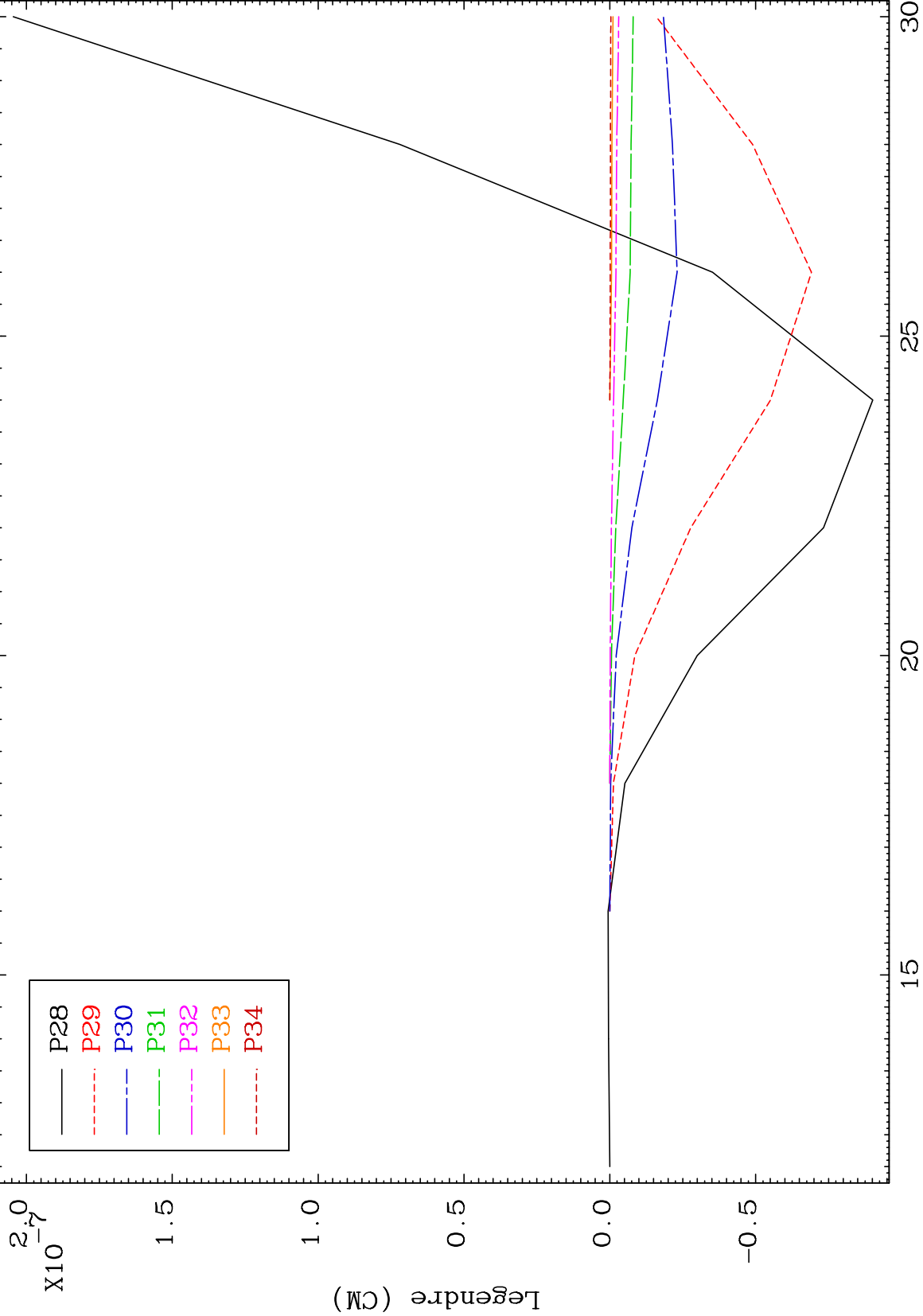
21

50-Sn-111

MAT 5022

Elastic Legendre Coefficients

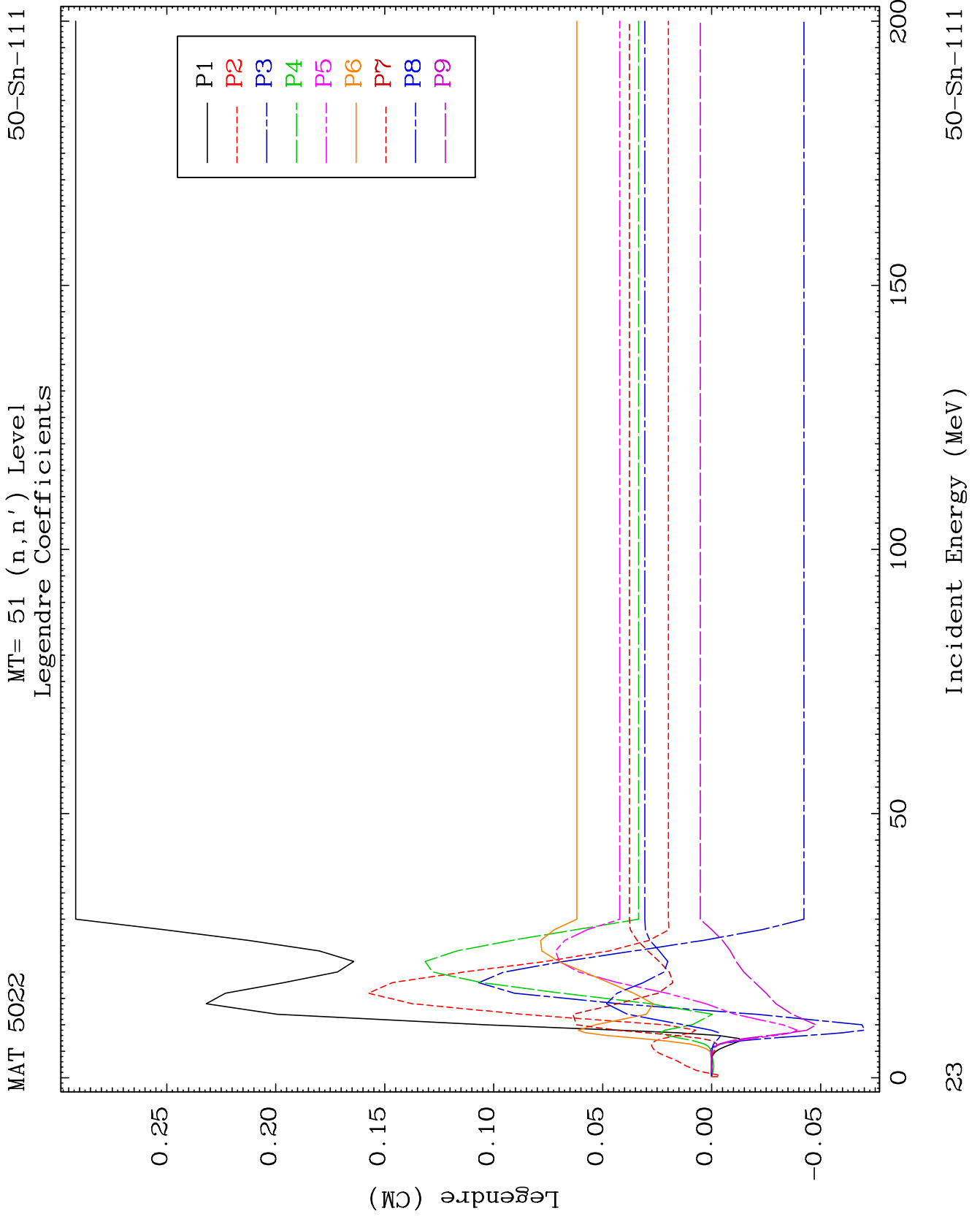
50-Sn-111

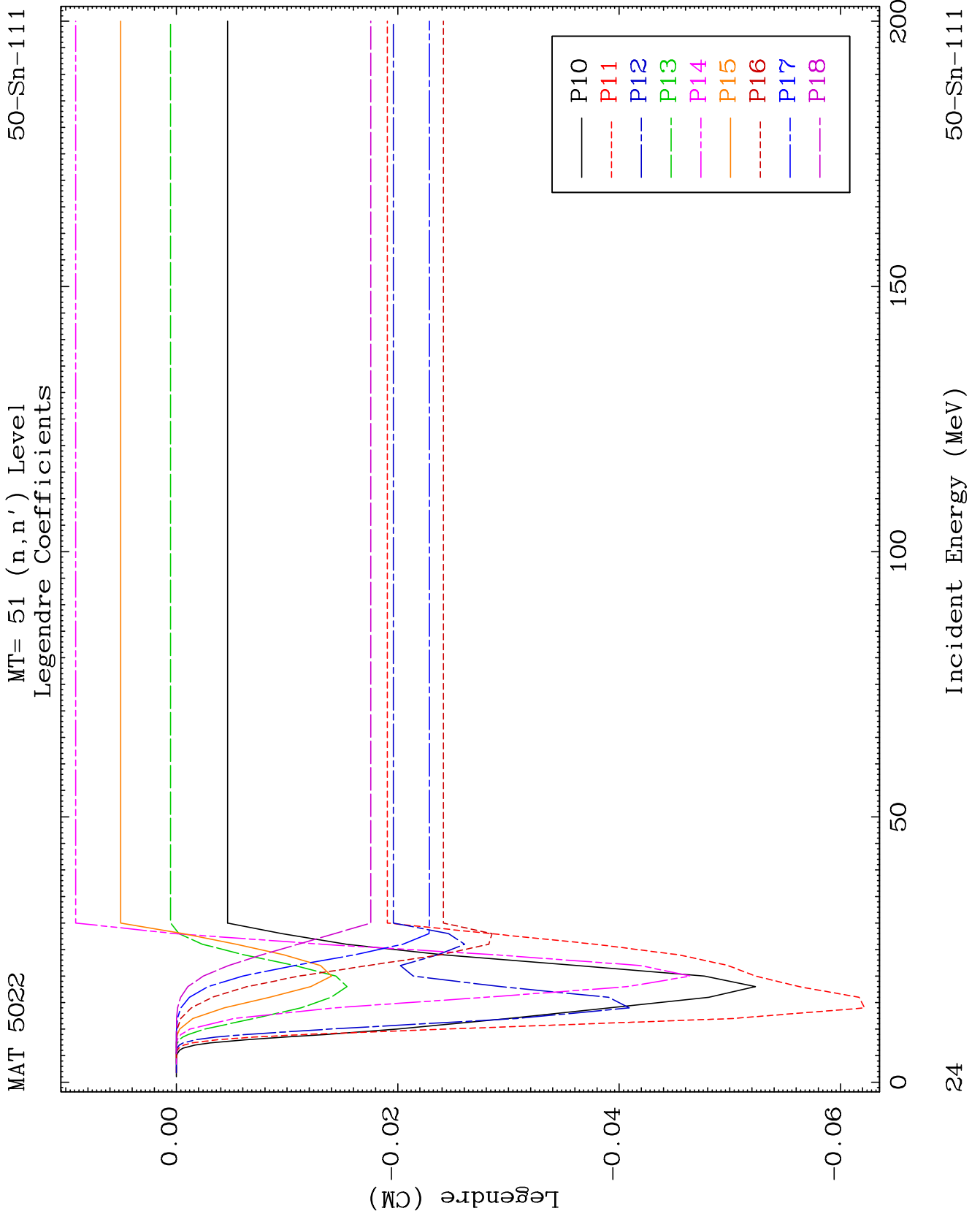


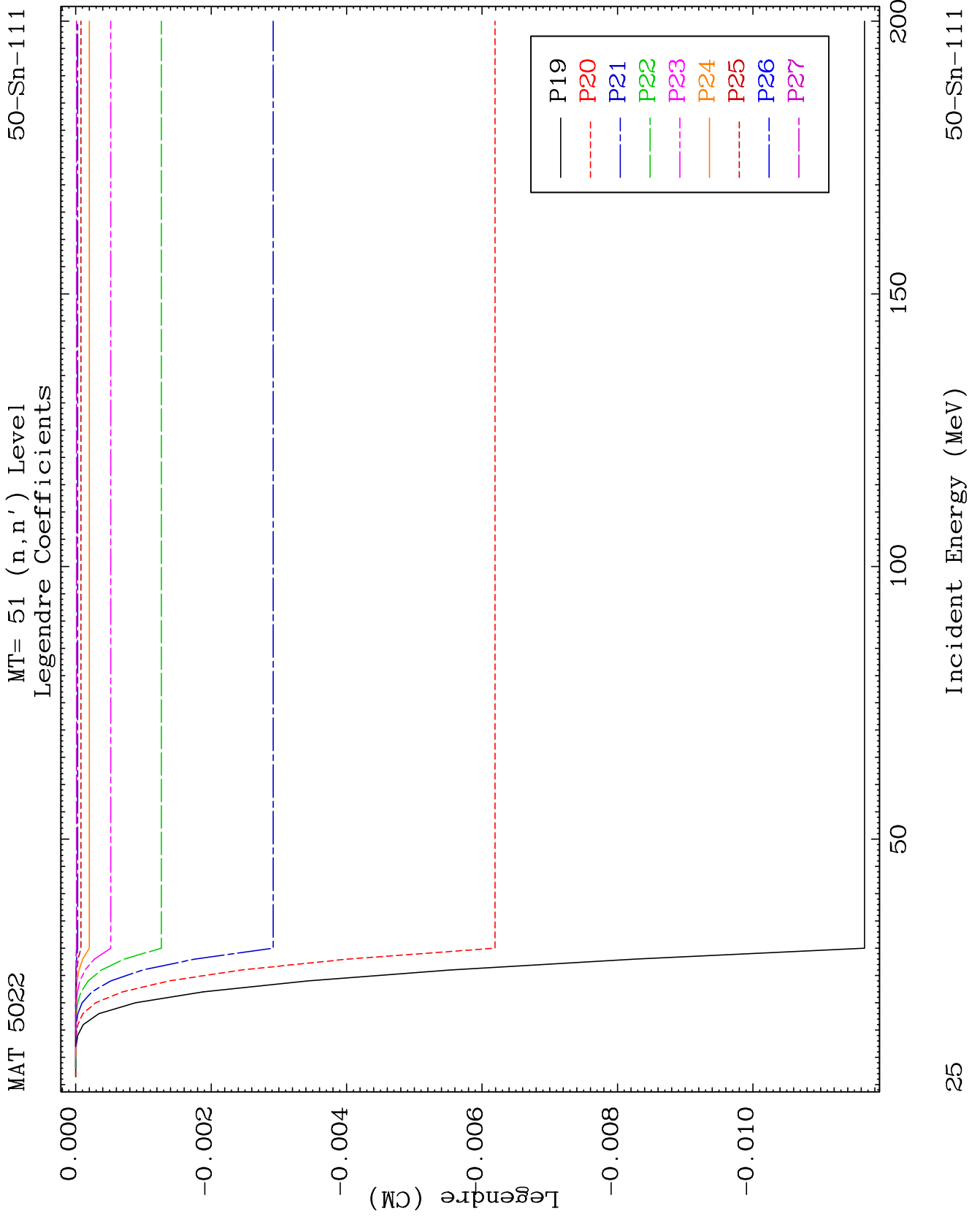
22

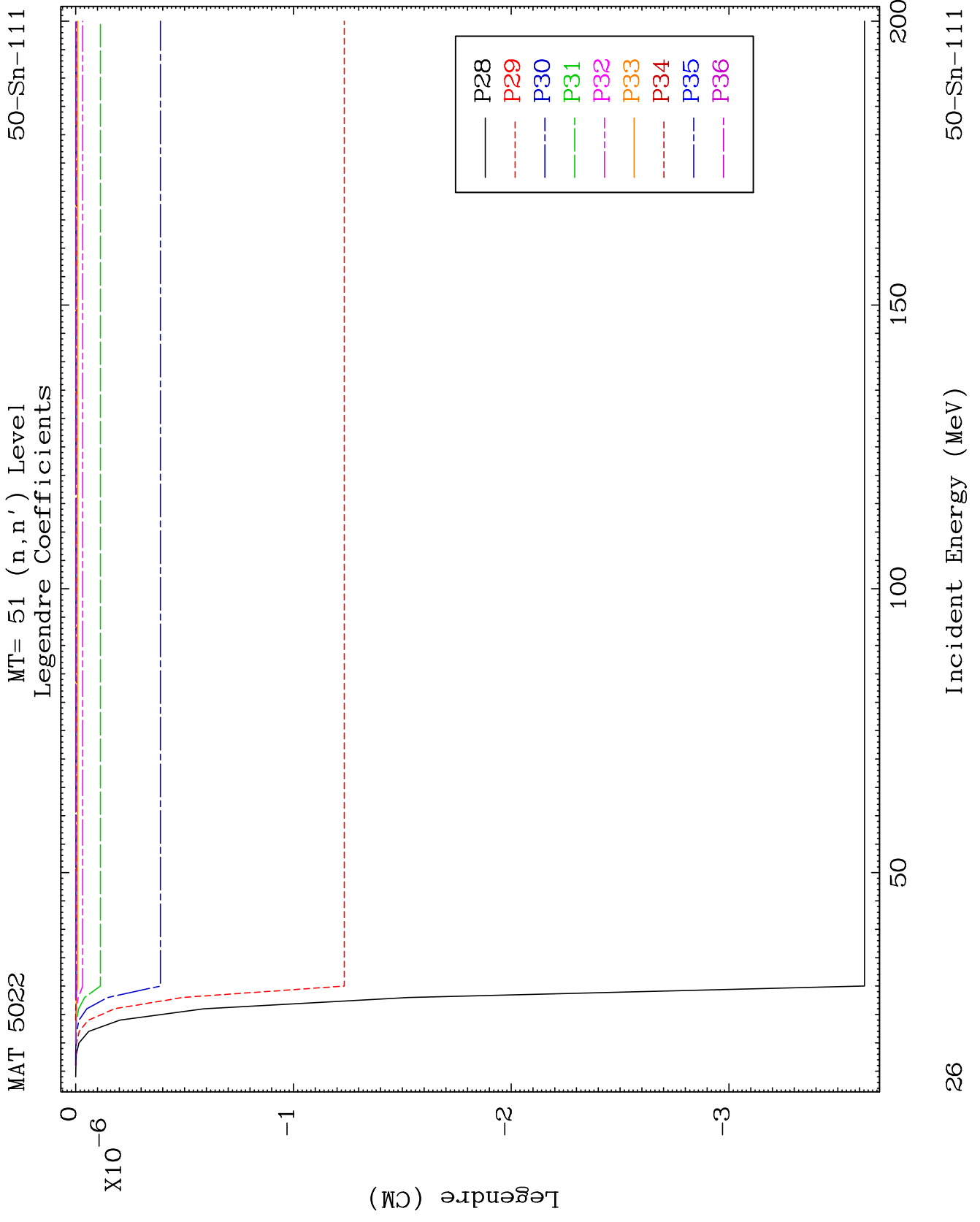
Incident Energy (MeV)

50-Sn-111







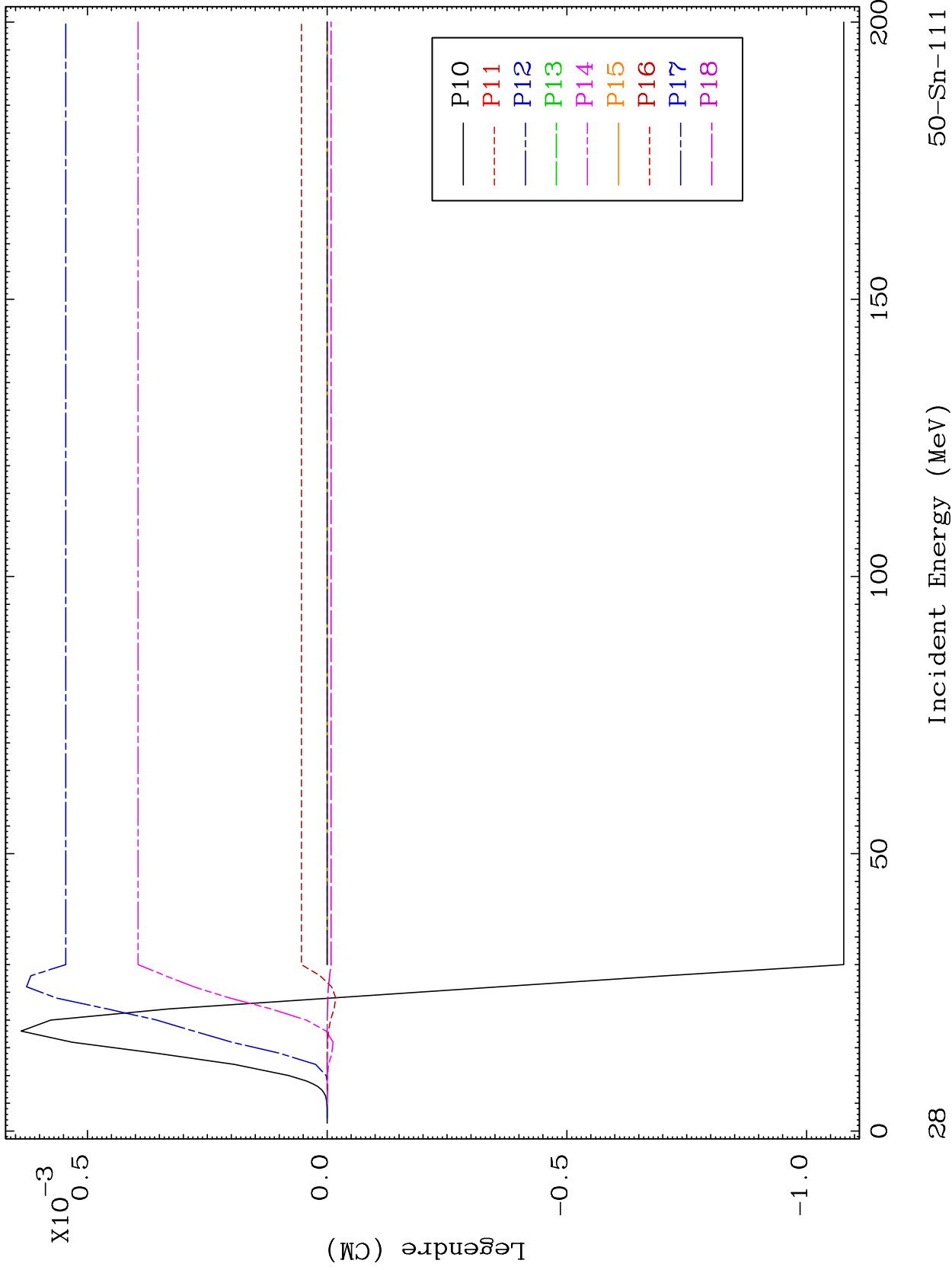


MAT 5022

MT= 52 (n,n') Level

50-Sn-111

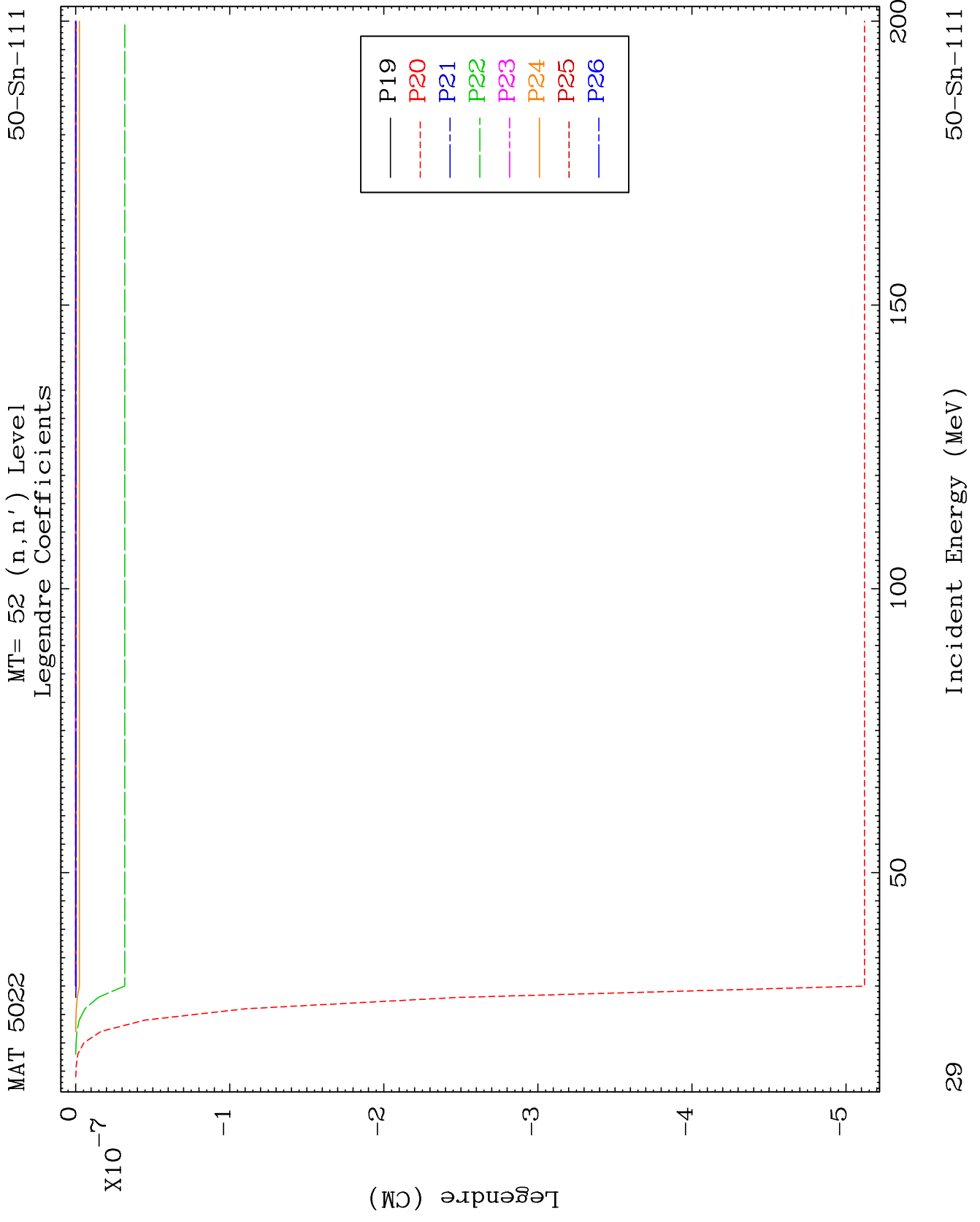
Legendre Coefficients

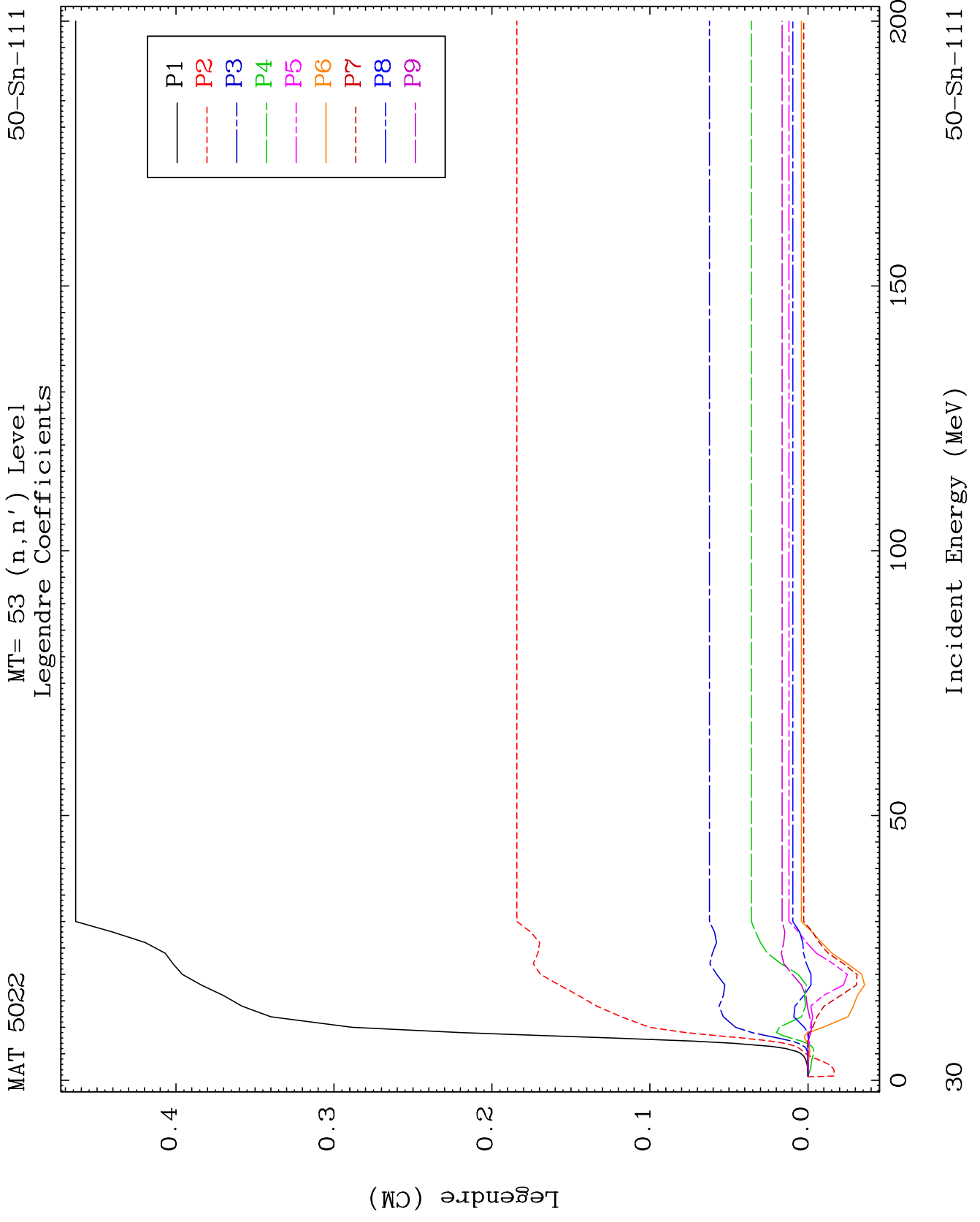


28

Incident Energy (MeV)

50-Sn-111

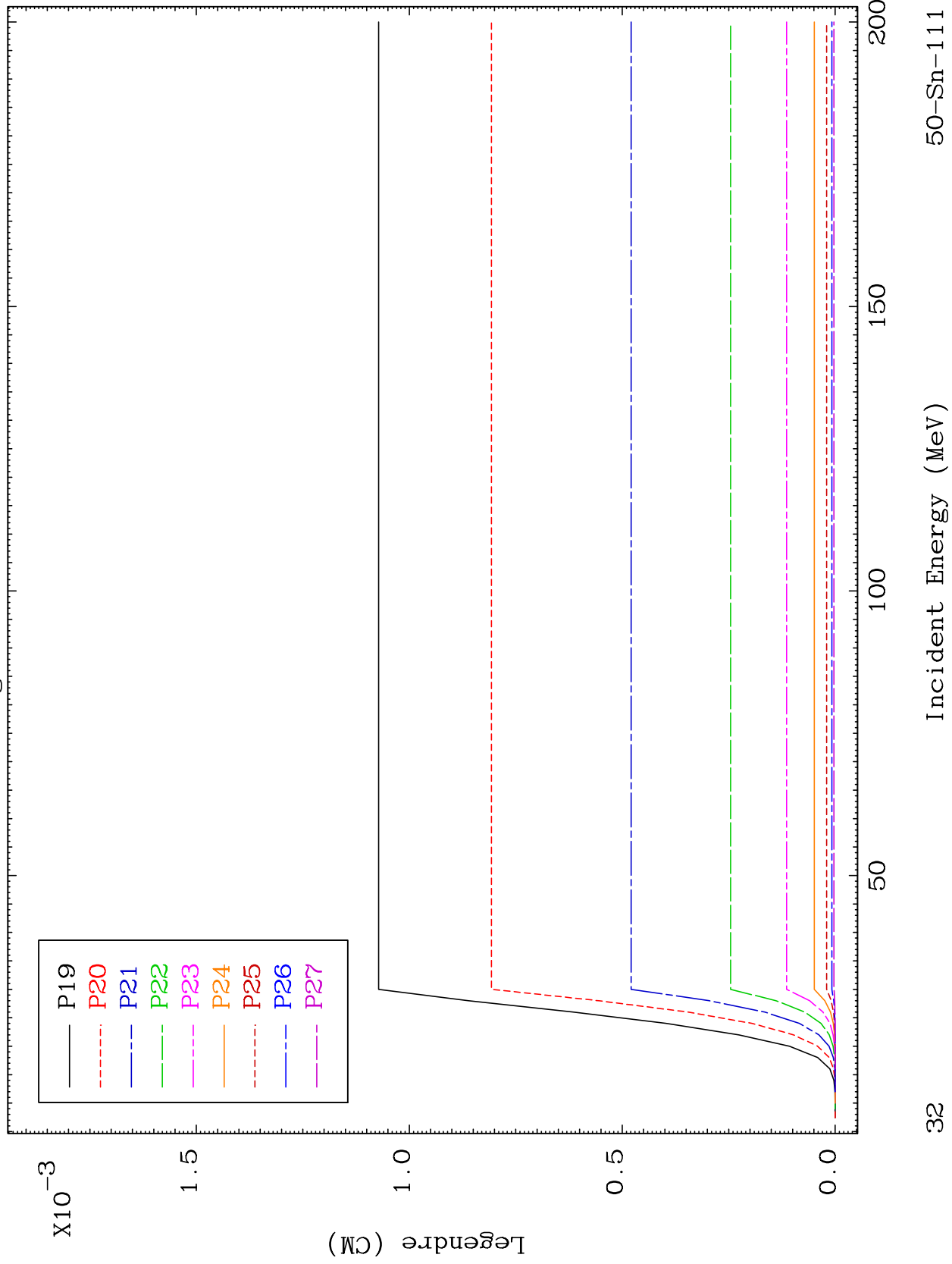




MAT 5022

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

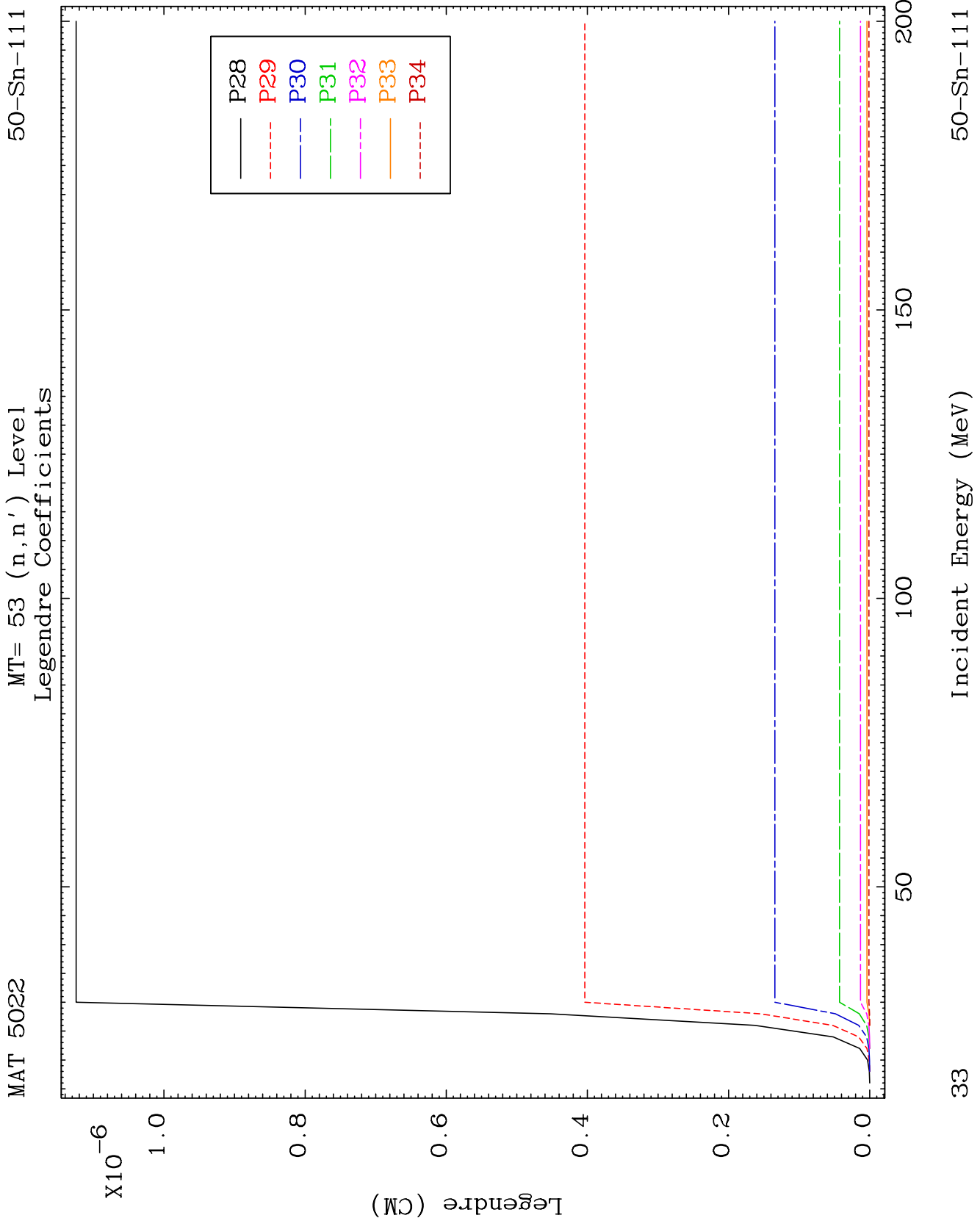
50-Sn-111

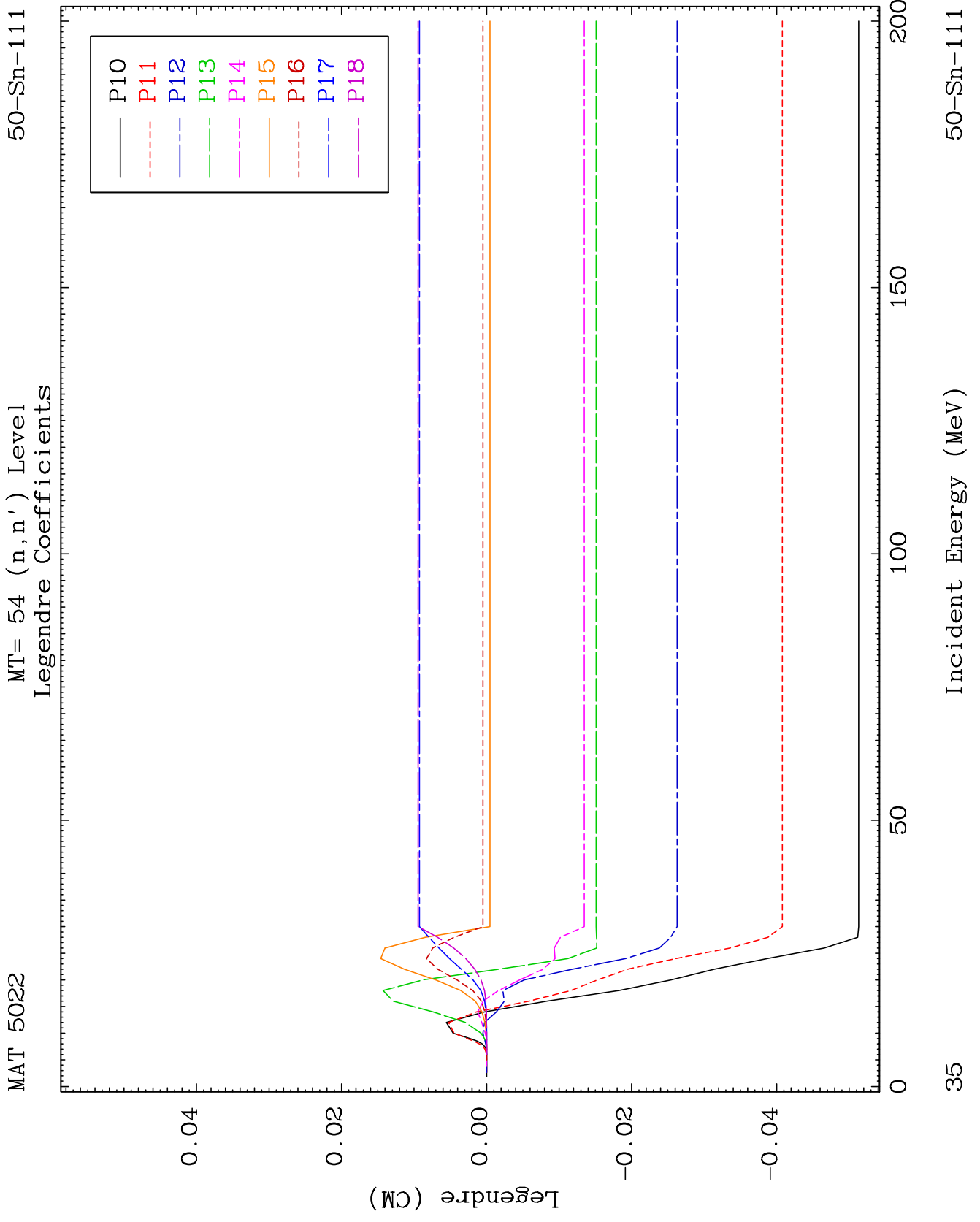


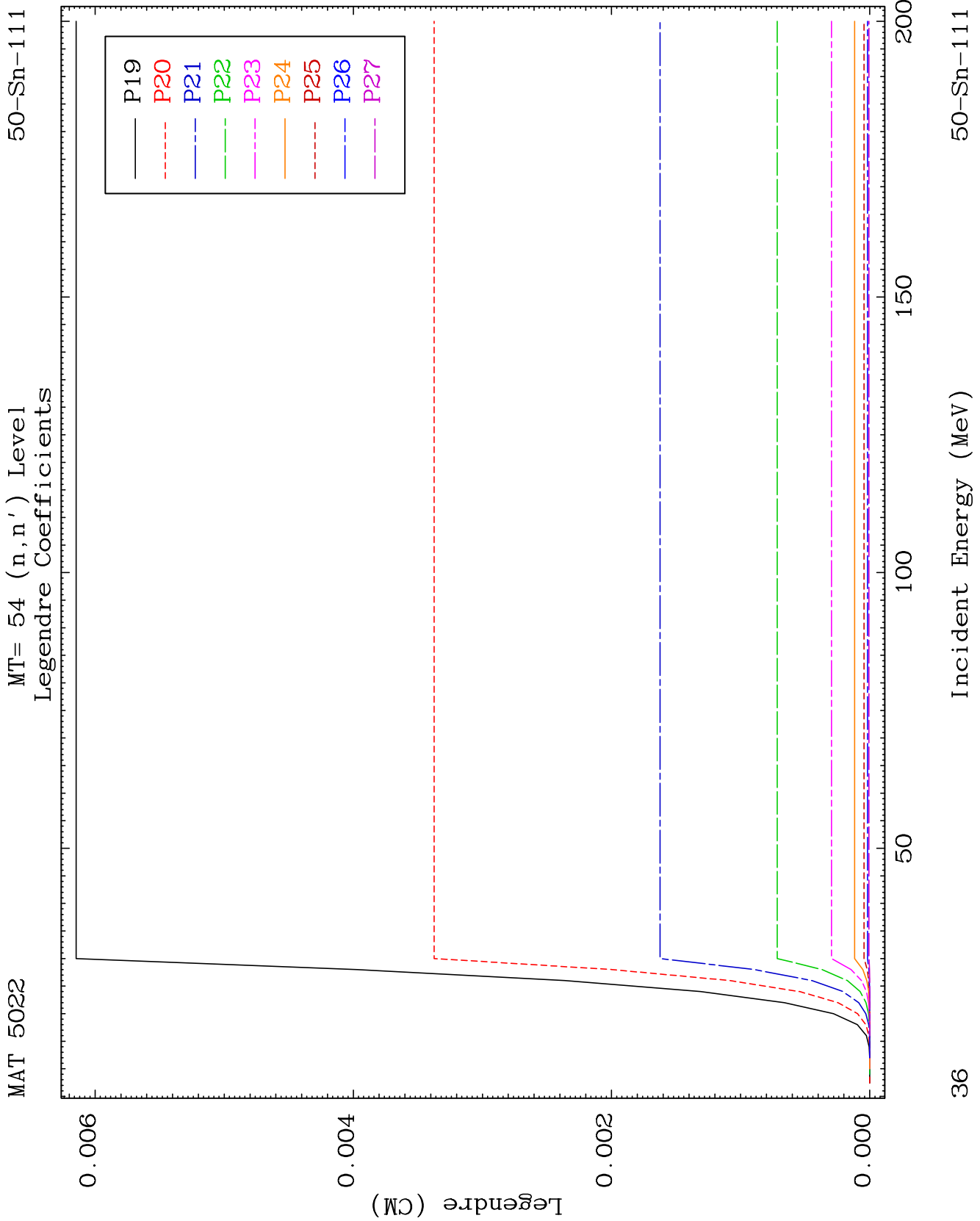
32

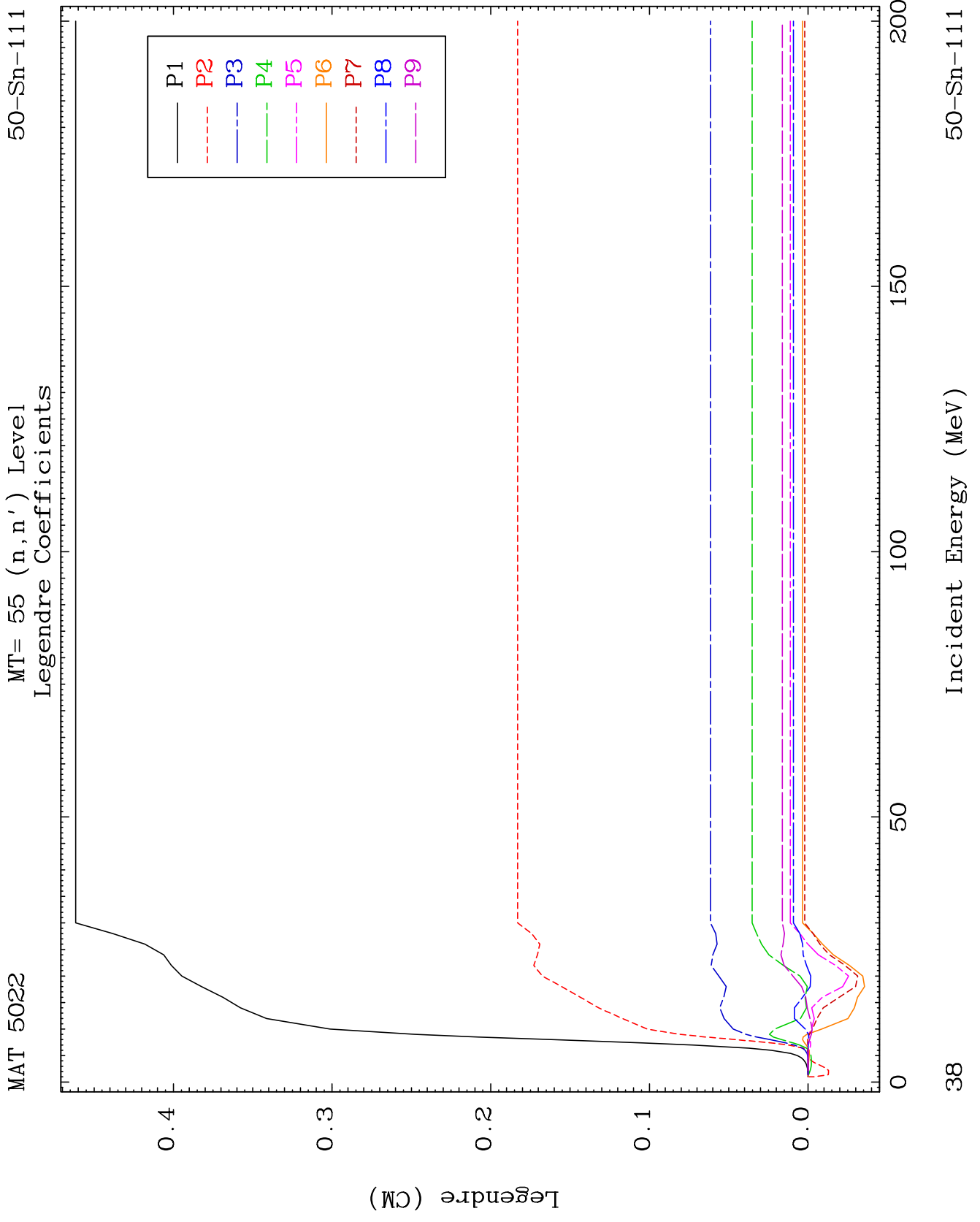
Incident Energy (MeV)

50-Sn-111





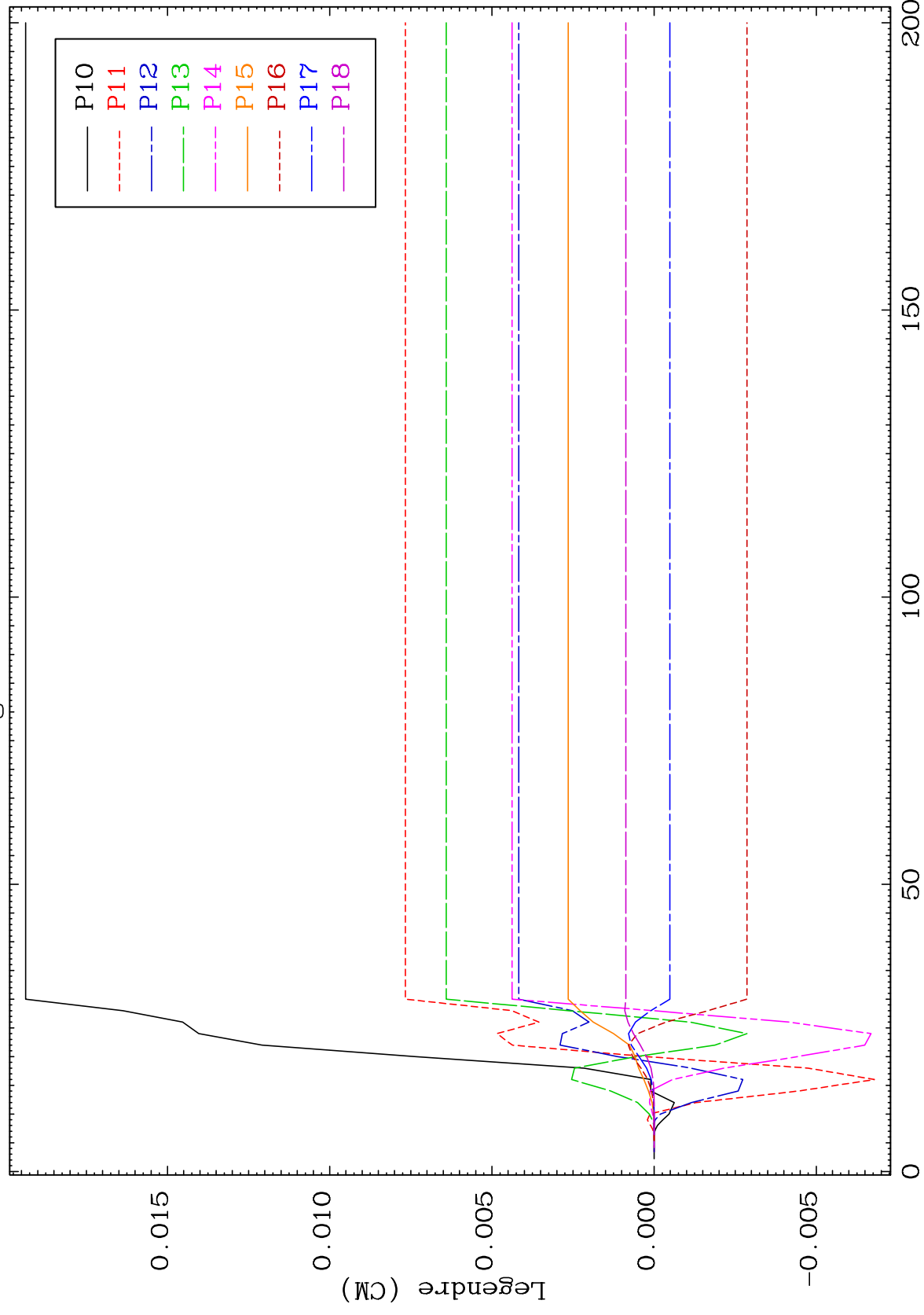




MAT 5022

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

50-Sn-111



39

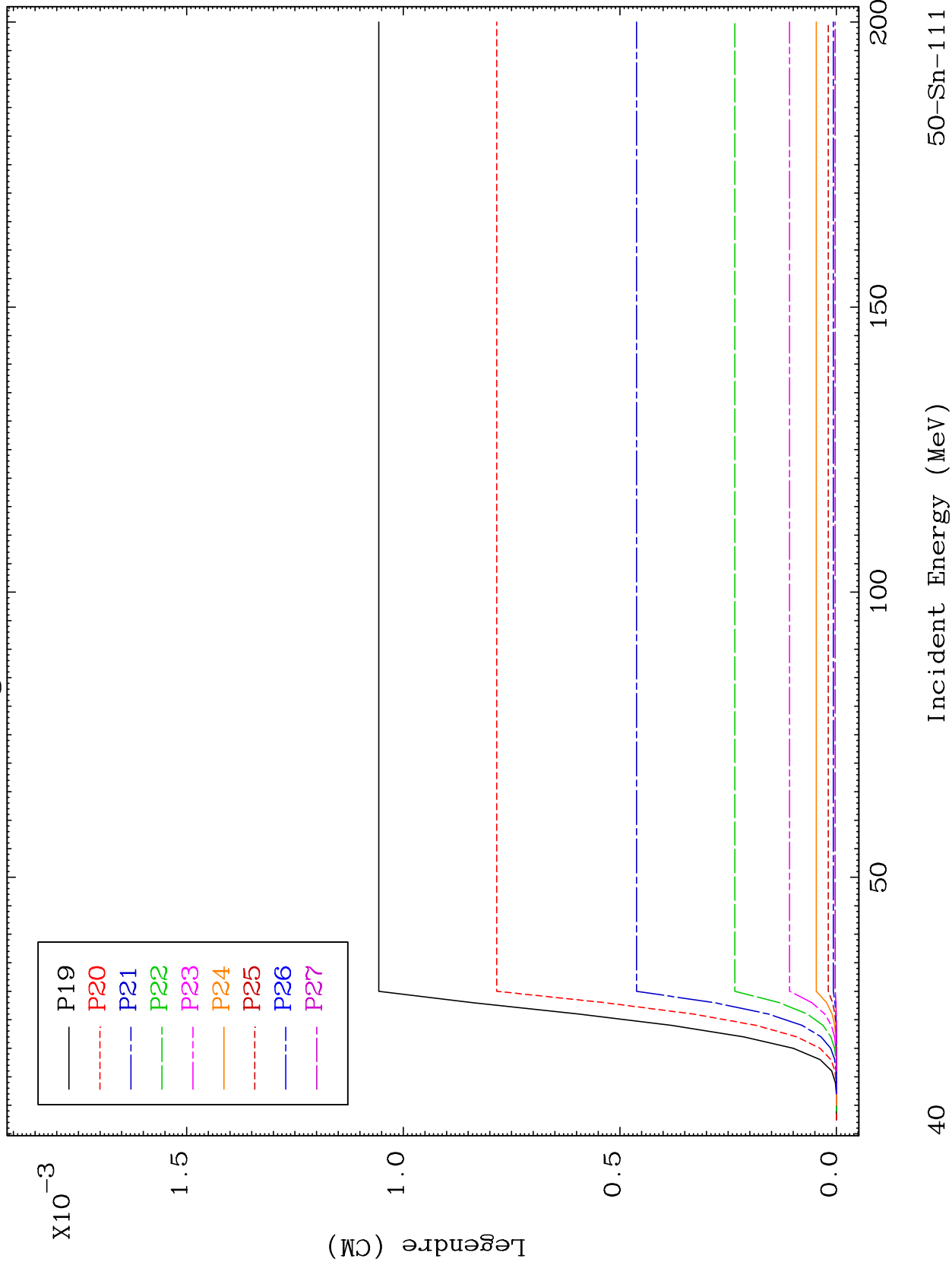
Incident Energy (MeV)

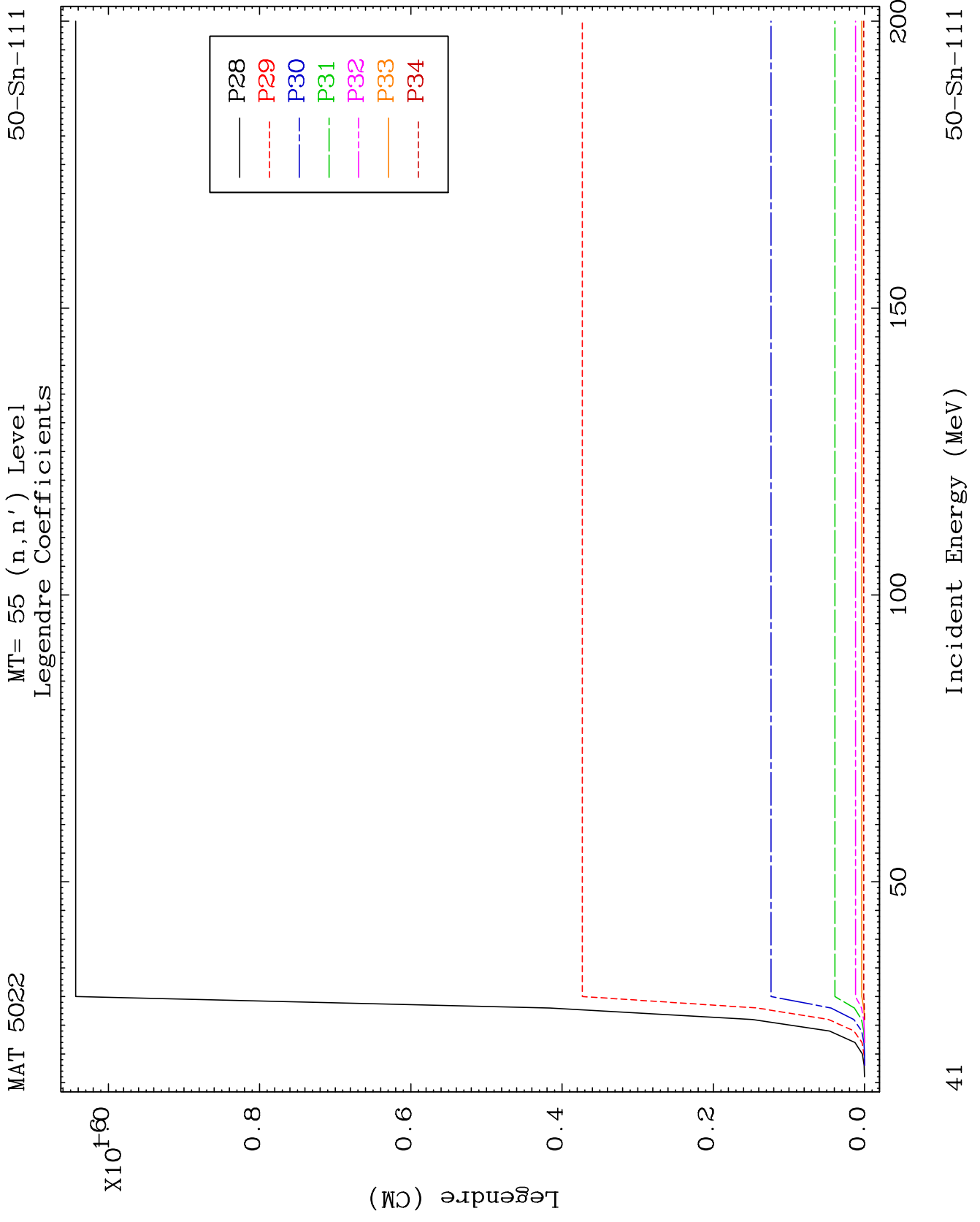
50-Sn-111

MAT 5022

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

50-Sn-111

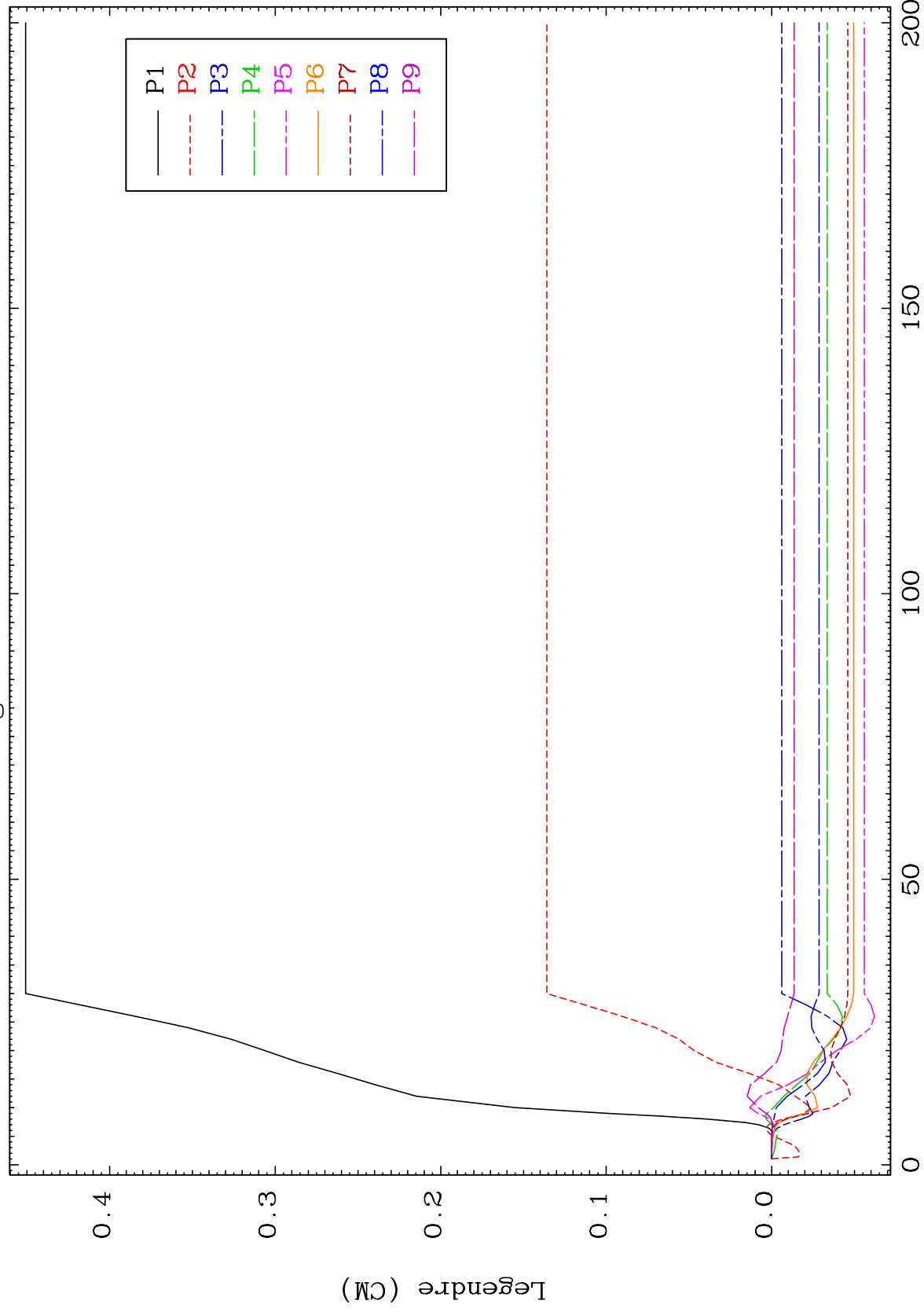




MAT 5022

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

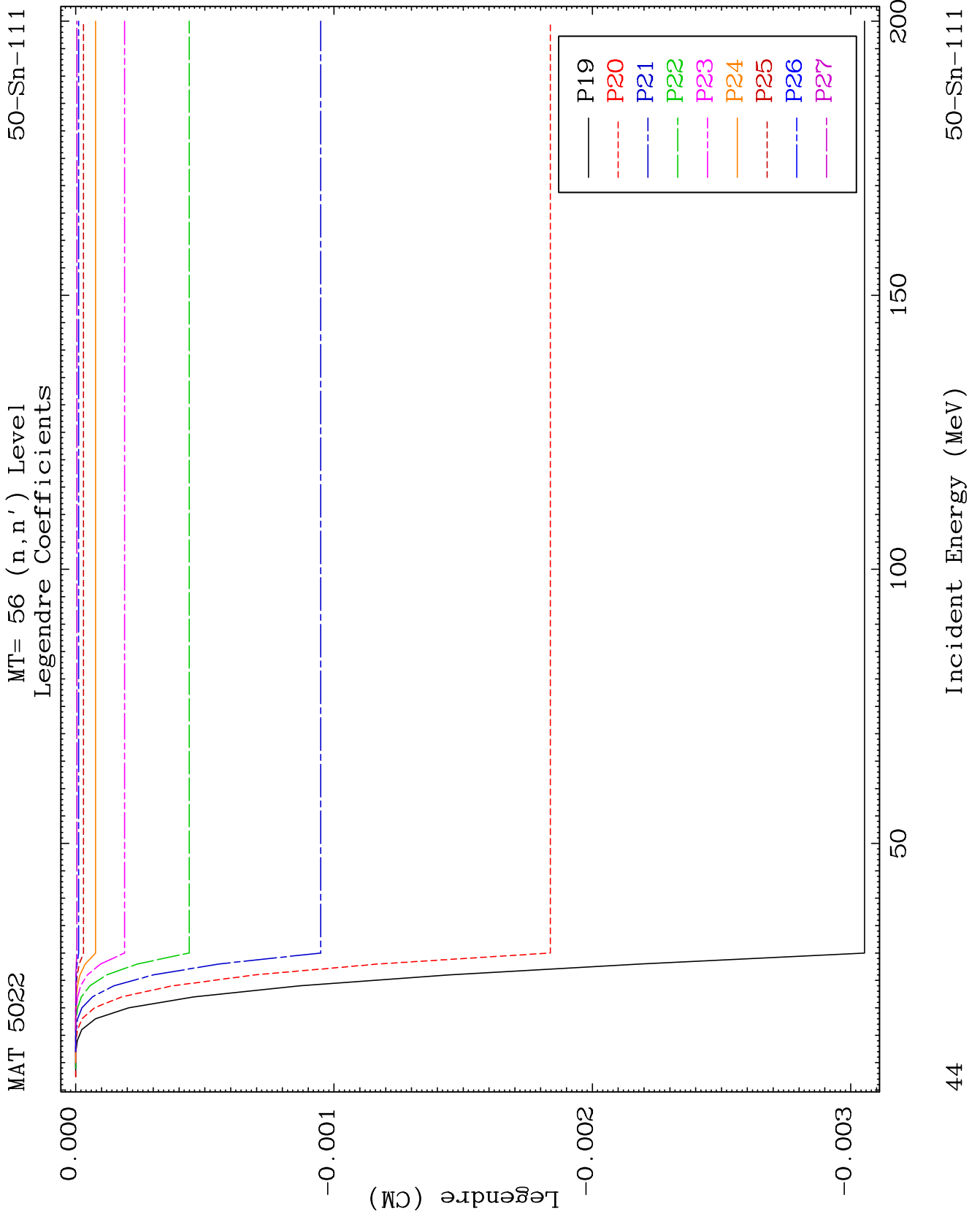
50-Sn-111

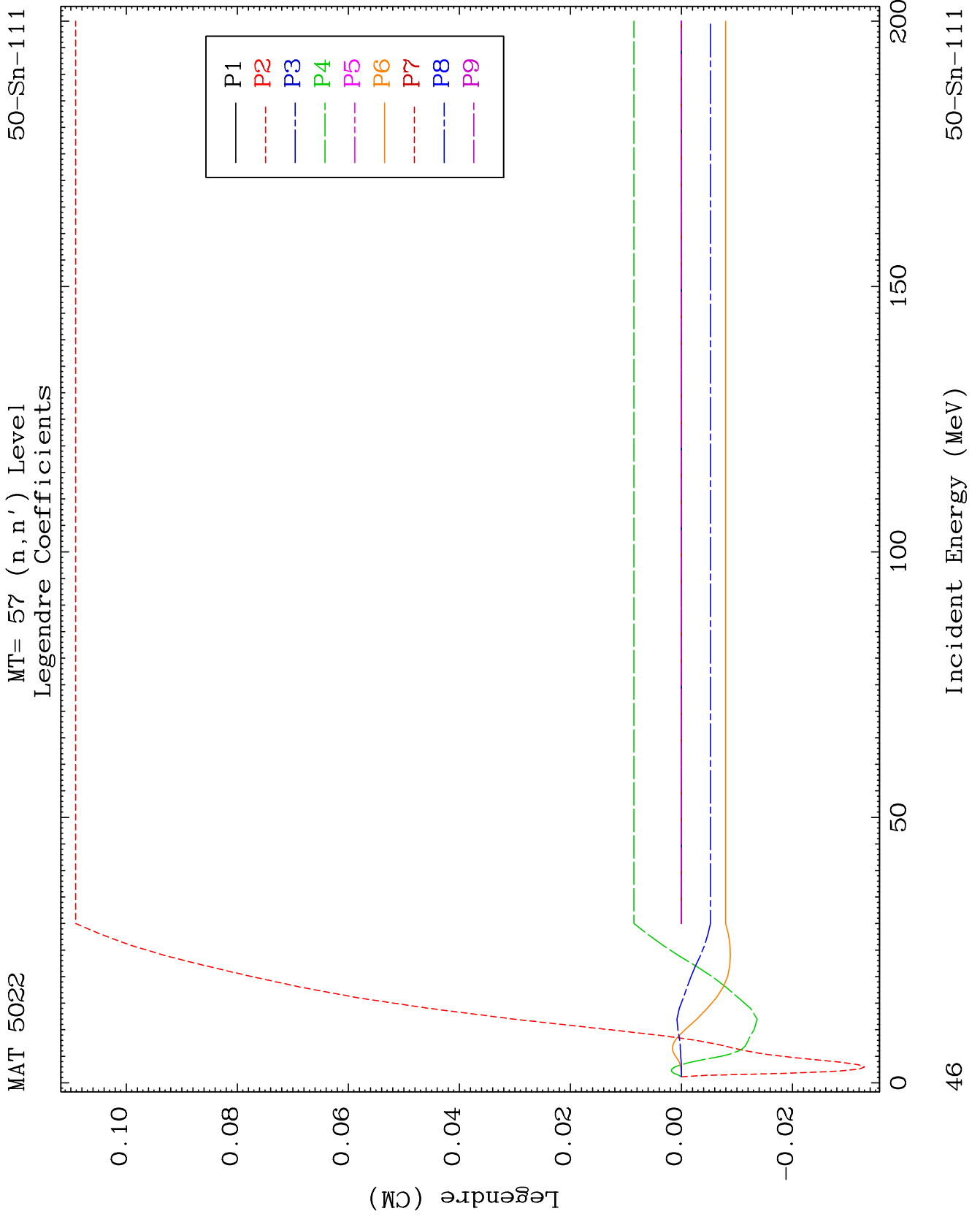


42

Incident Energy (MeV)

50-Sn-111

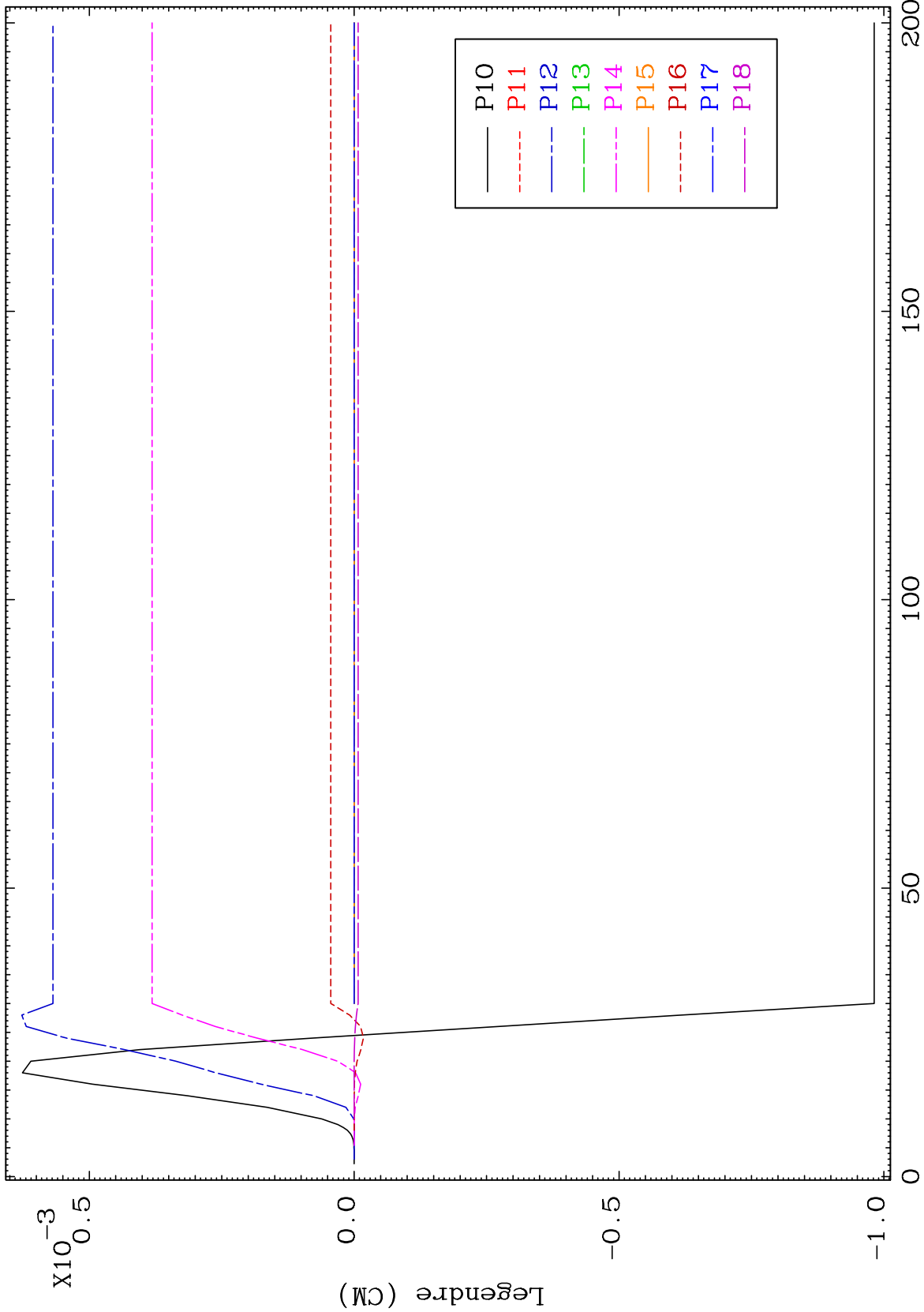




MAT 5022

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

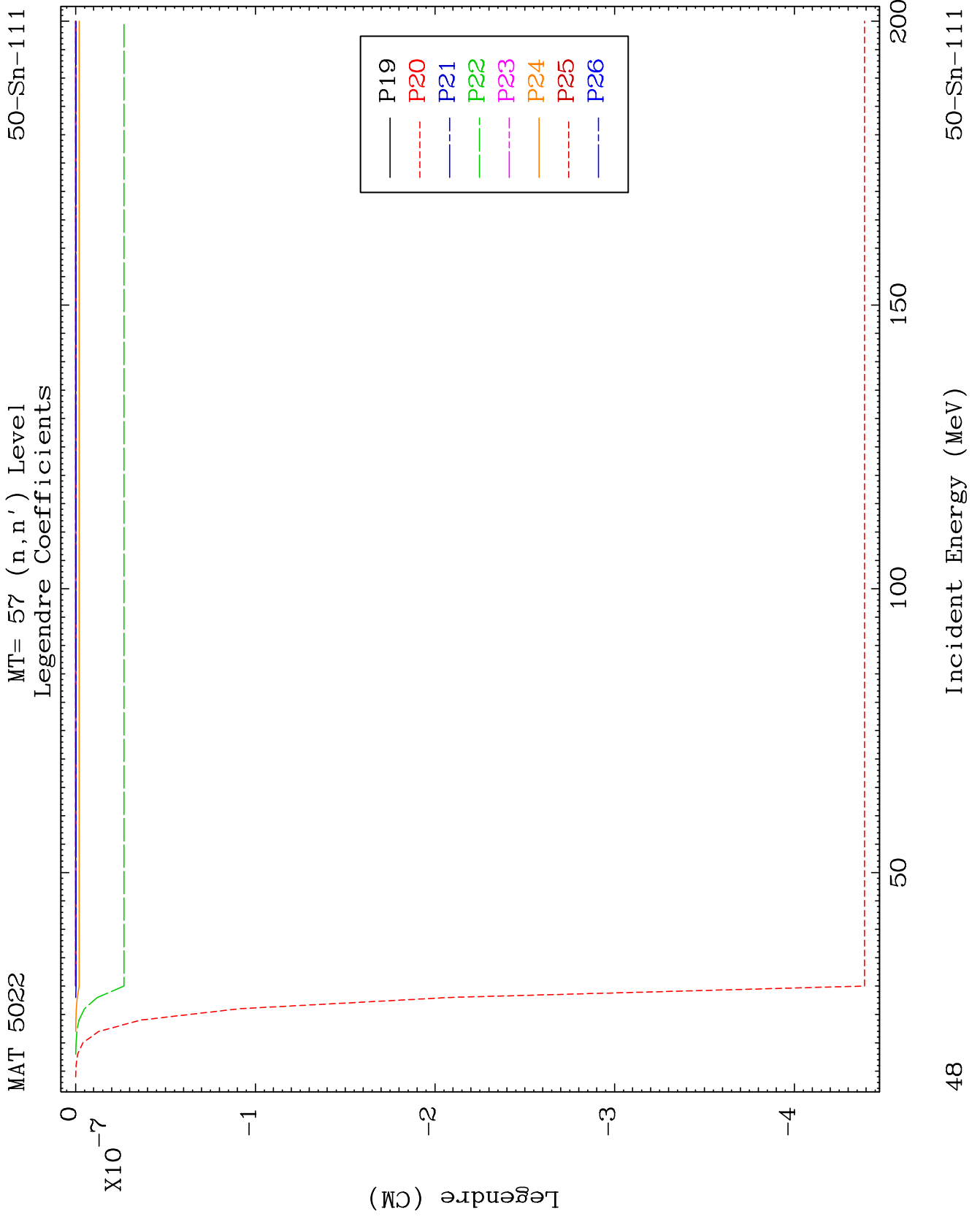
50-Sn-111

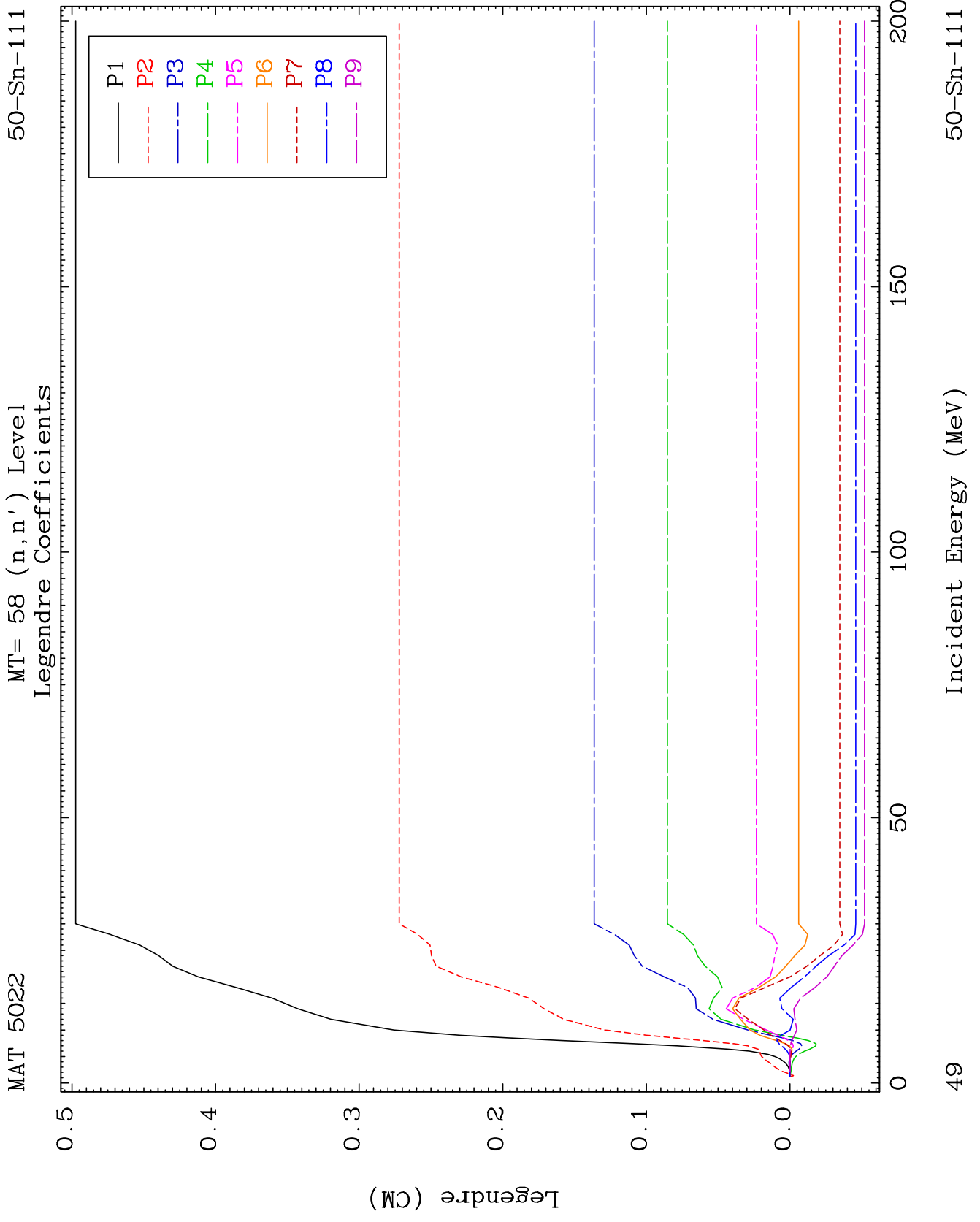


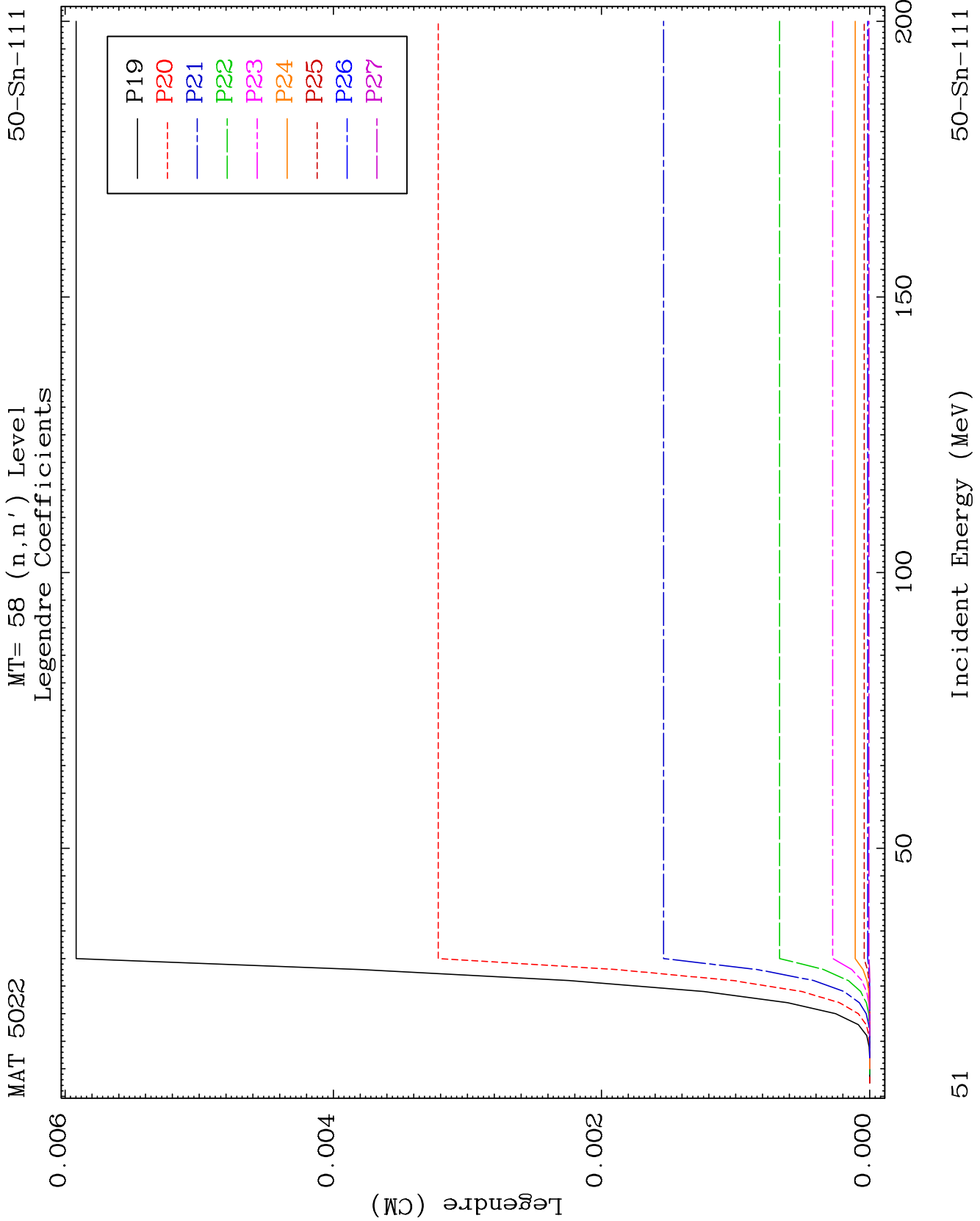
47

Incident Energy (MeV)

50-Sn-111



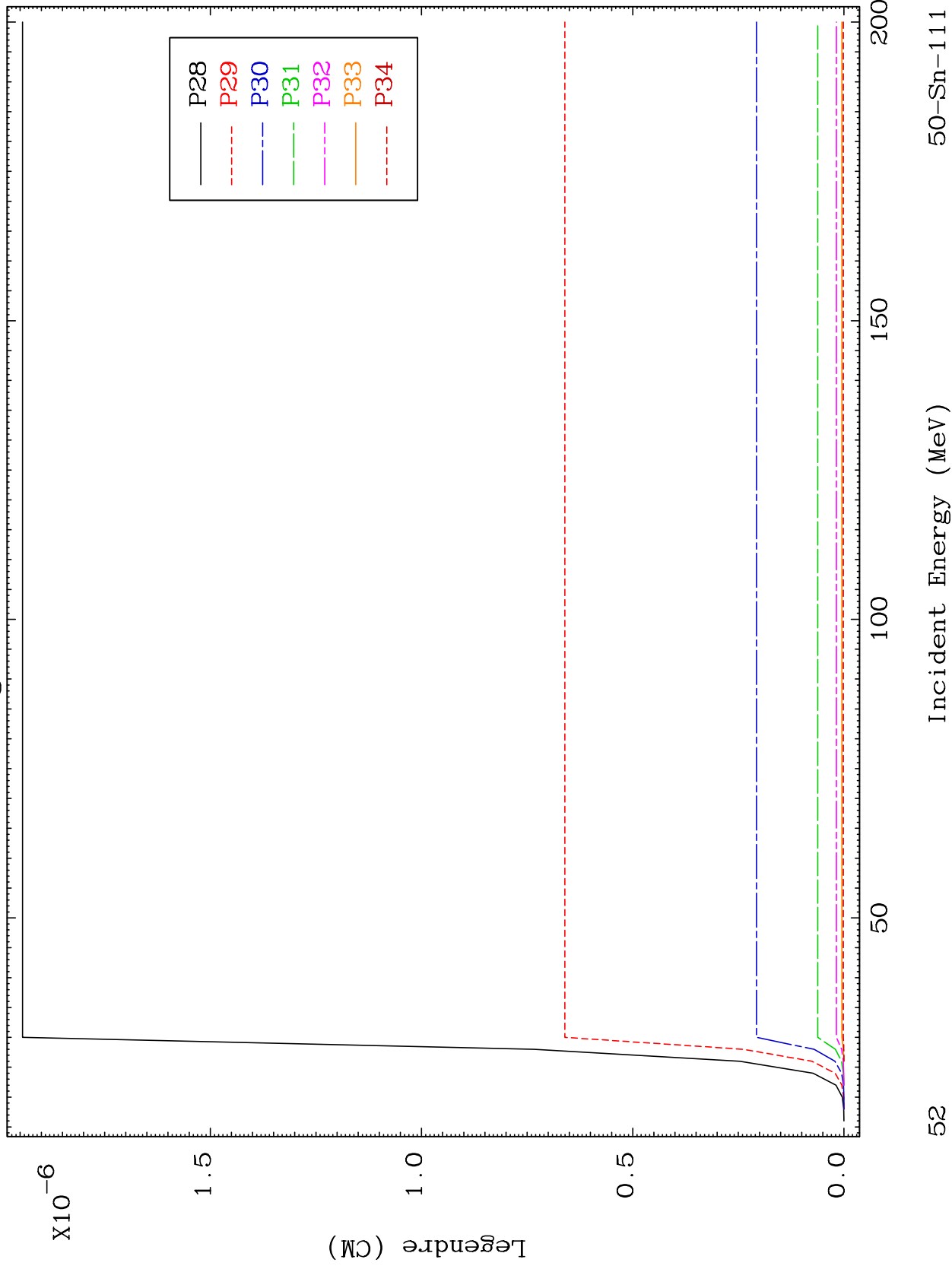




MAT 5022

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

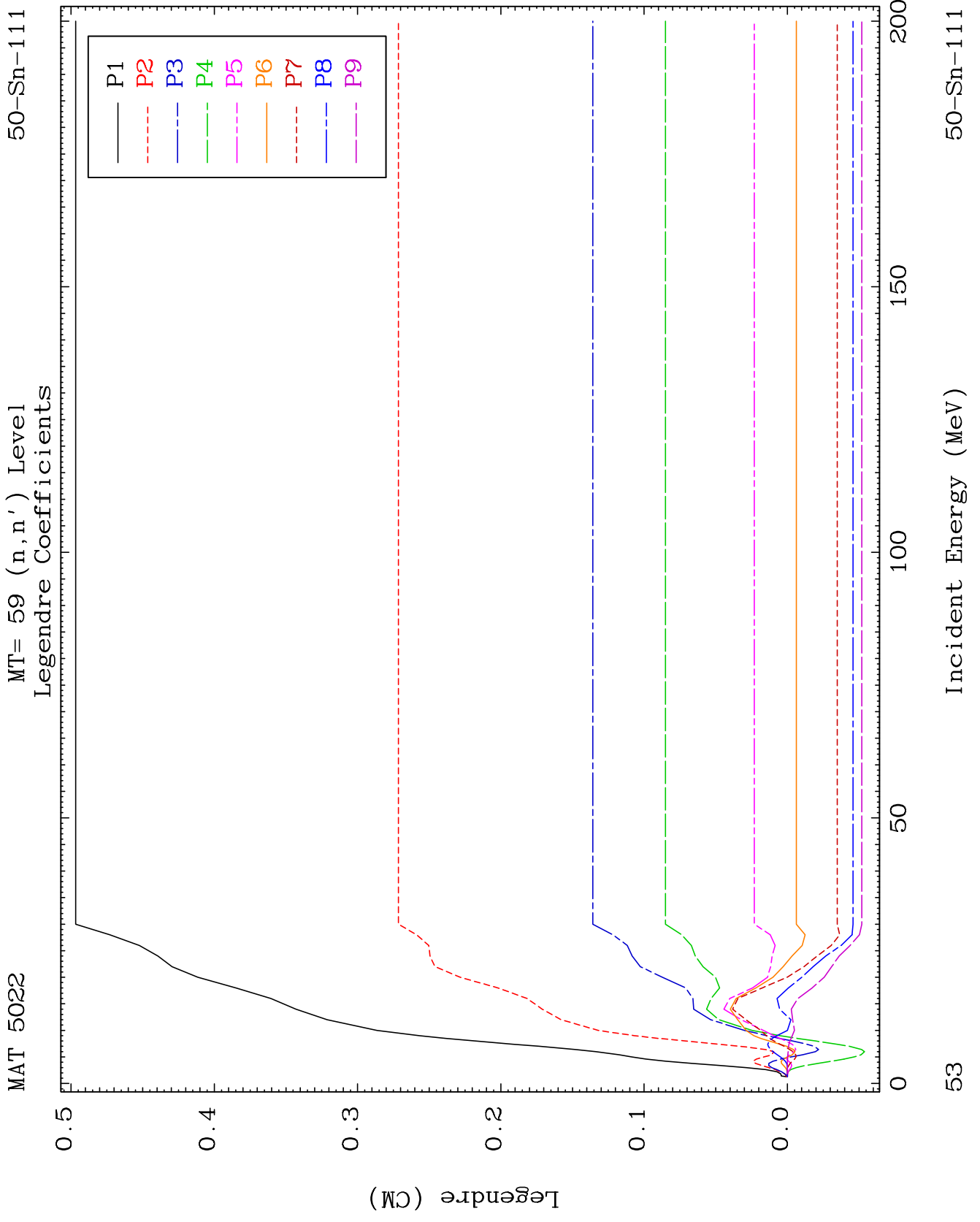
50-Sn-111

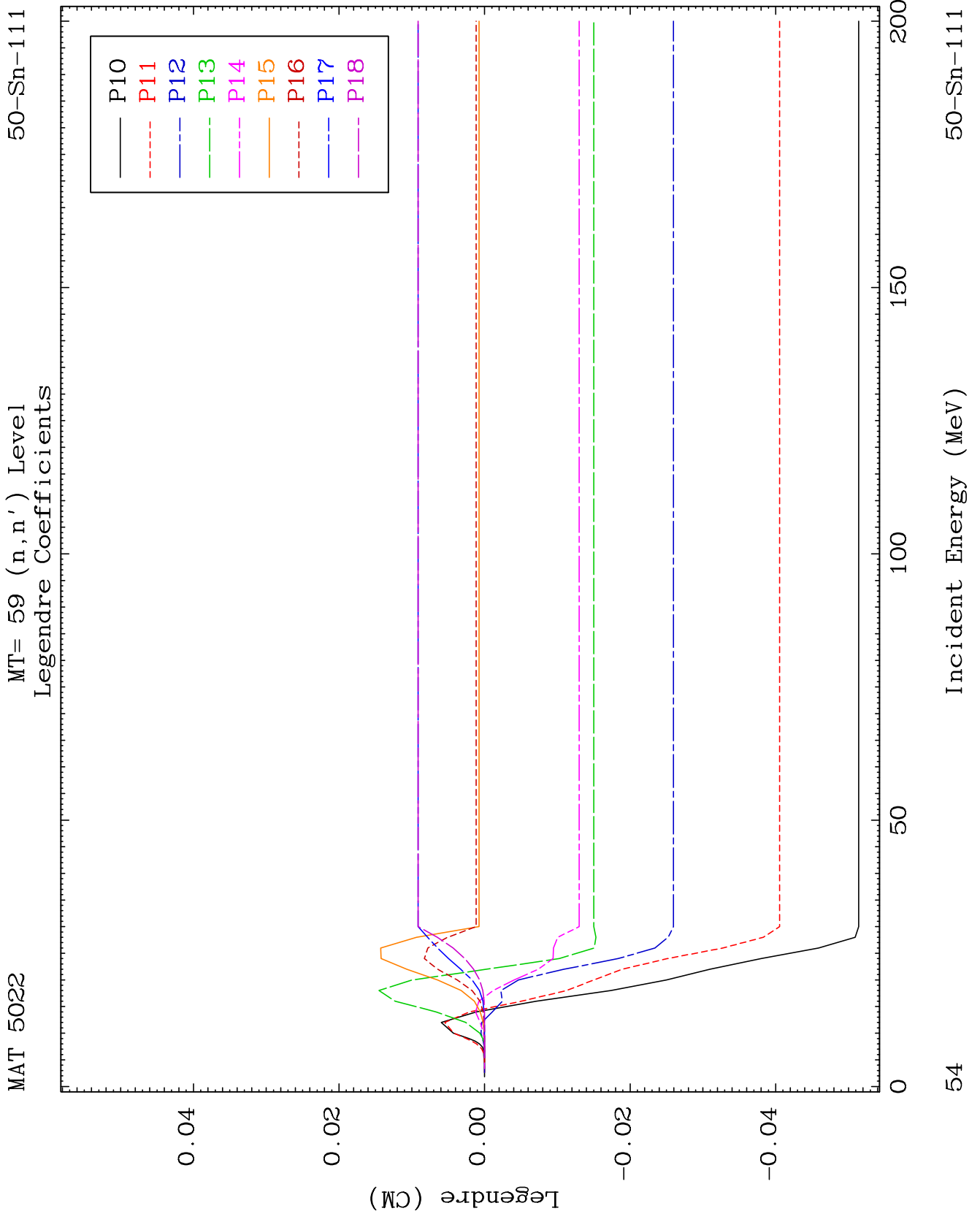


52

Incident Energy (MeV)

50-Sn-111

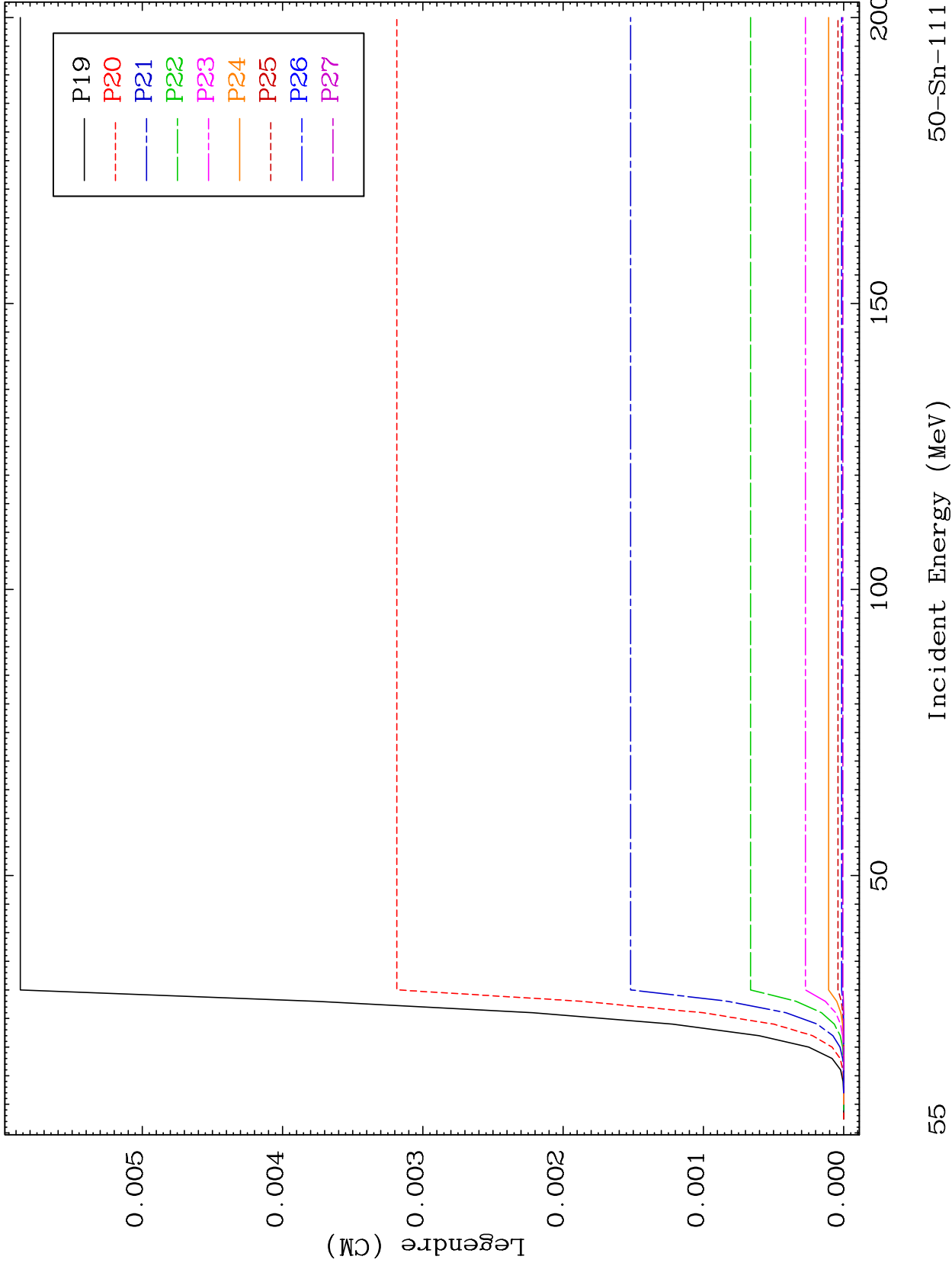




MAT 5022

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

50-Sn-111



55

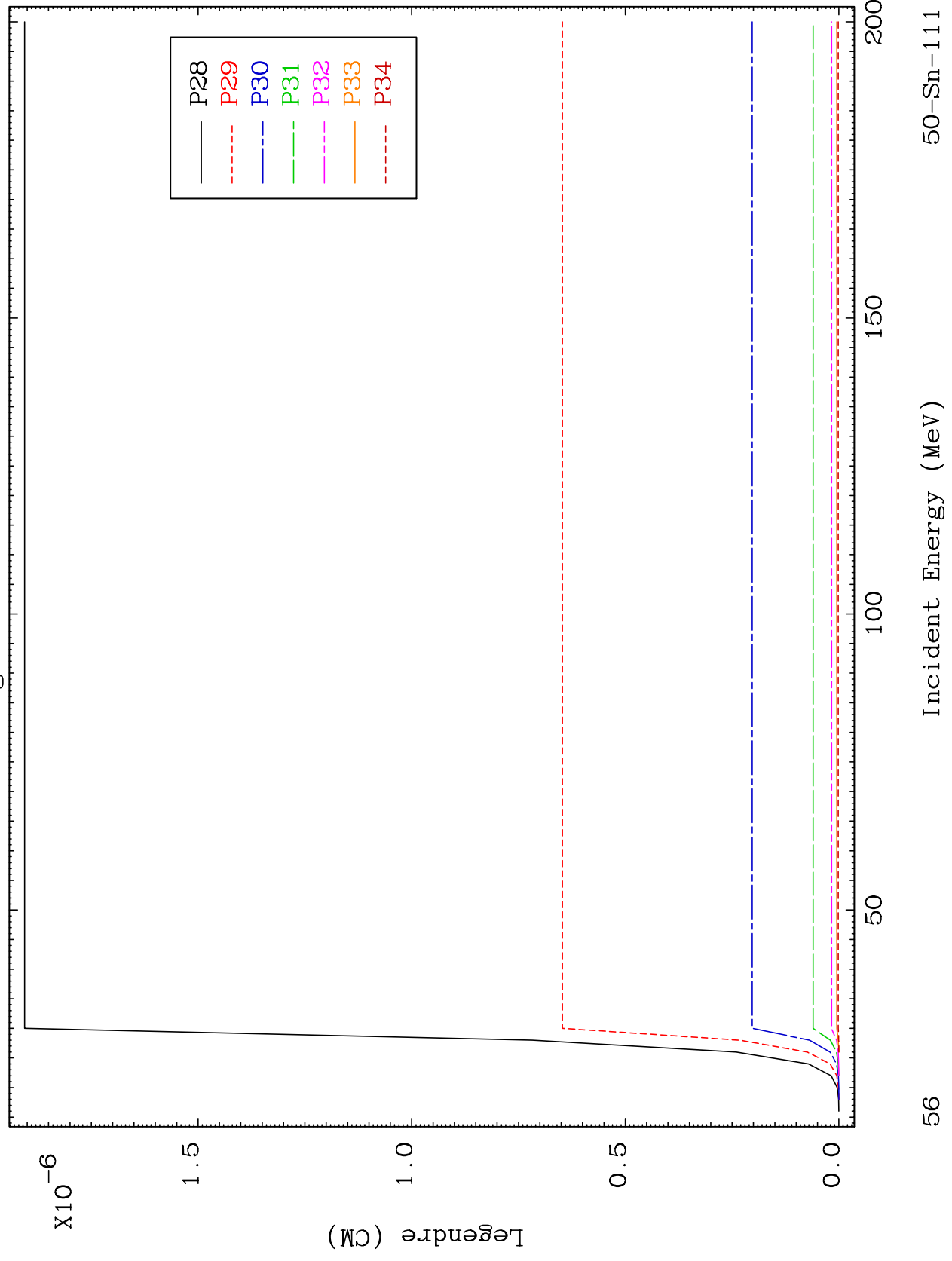
Incident Energy (MeV)

50-Sn-111

MAT 5022

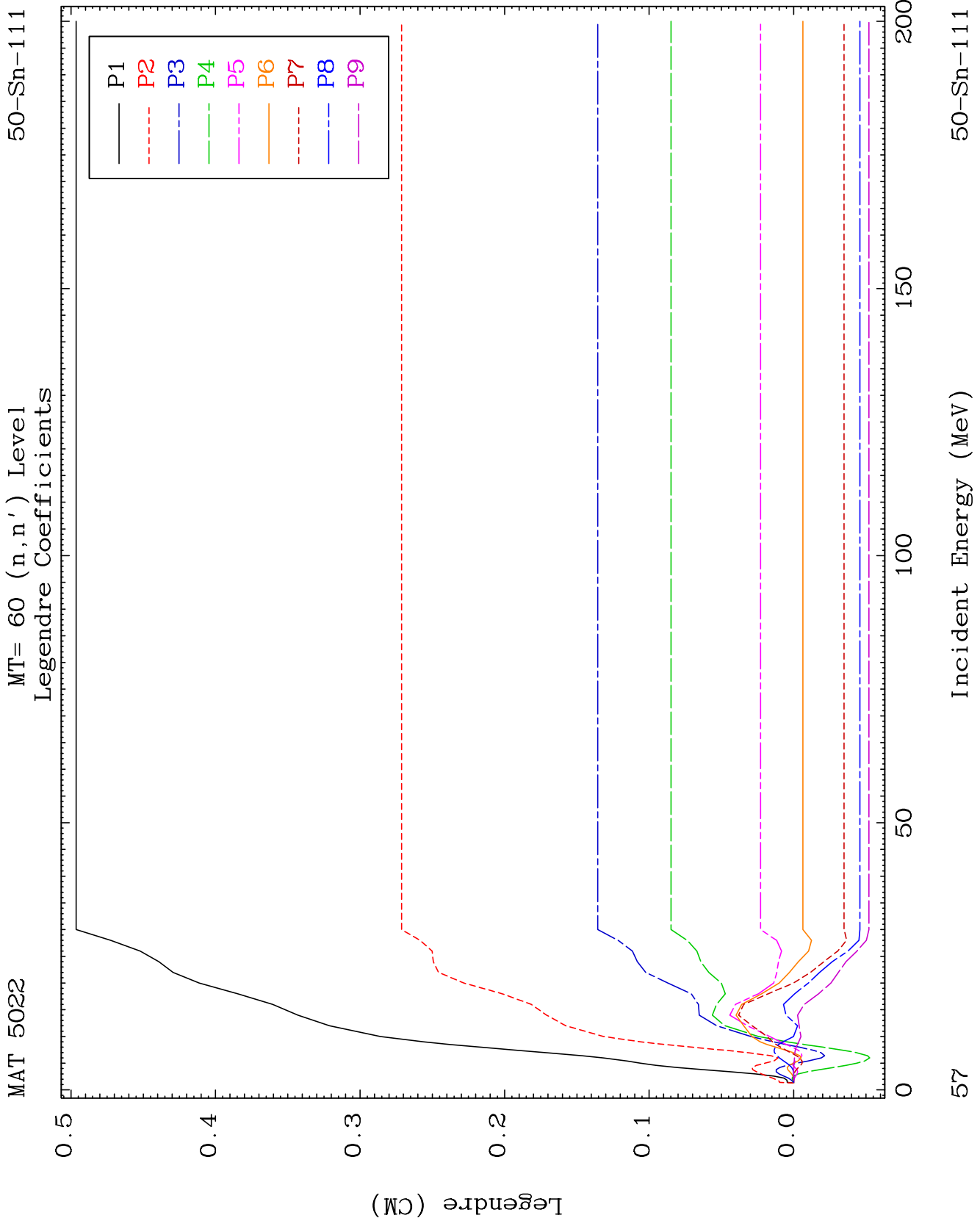
MT= 59 (n,n') Level
Legendre Coefficients

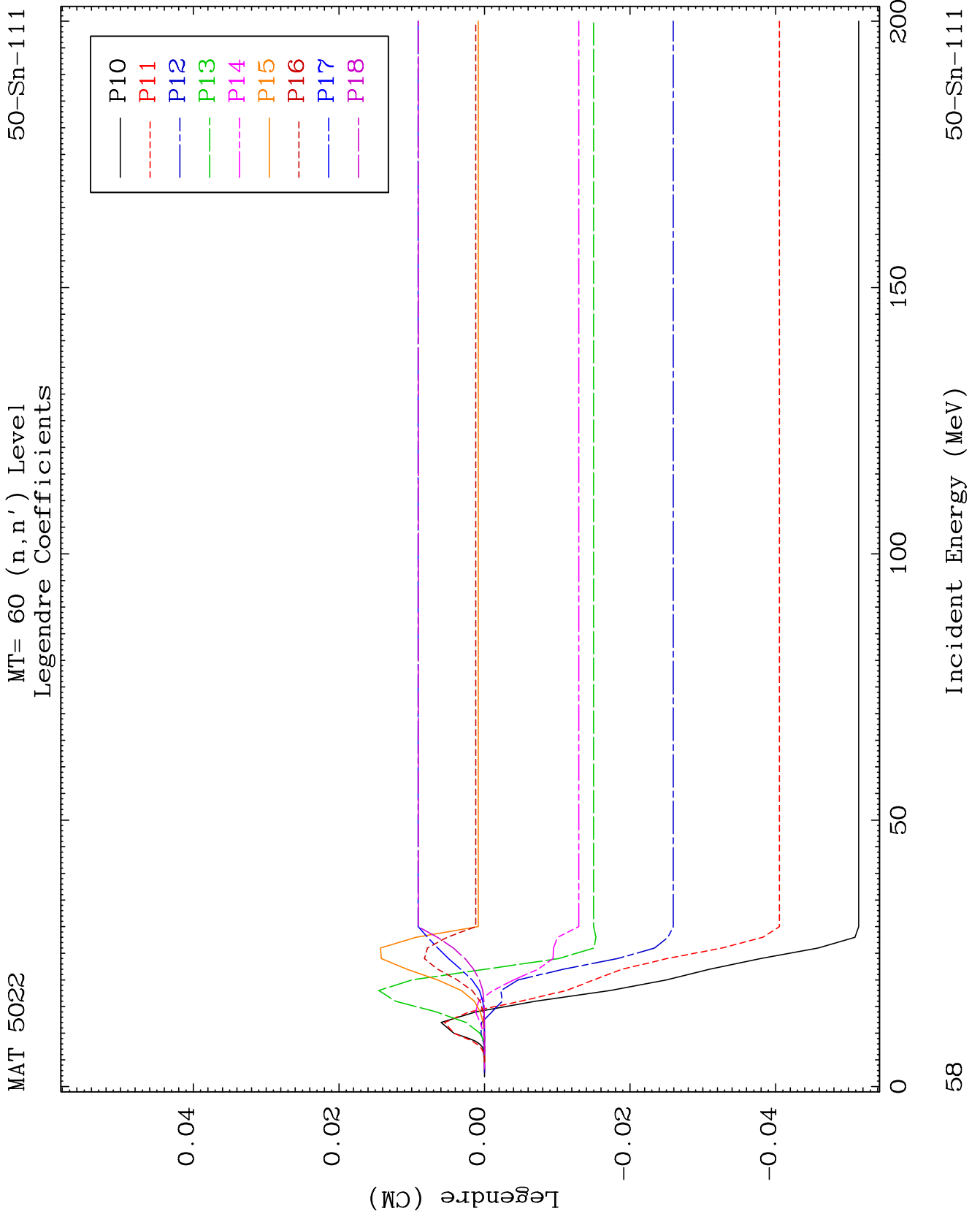
50-Sn-111

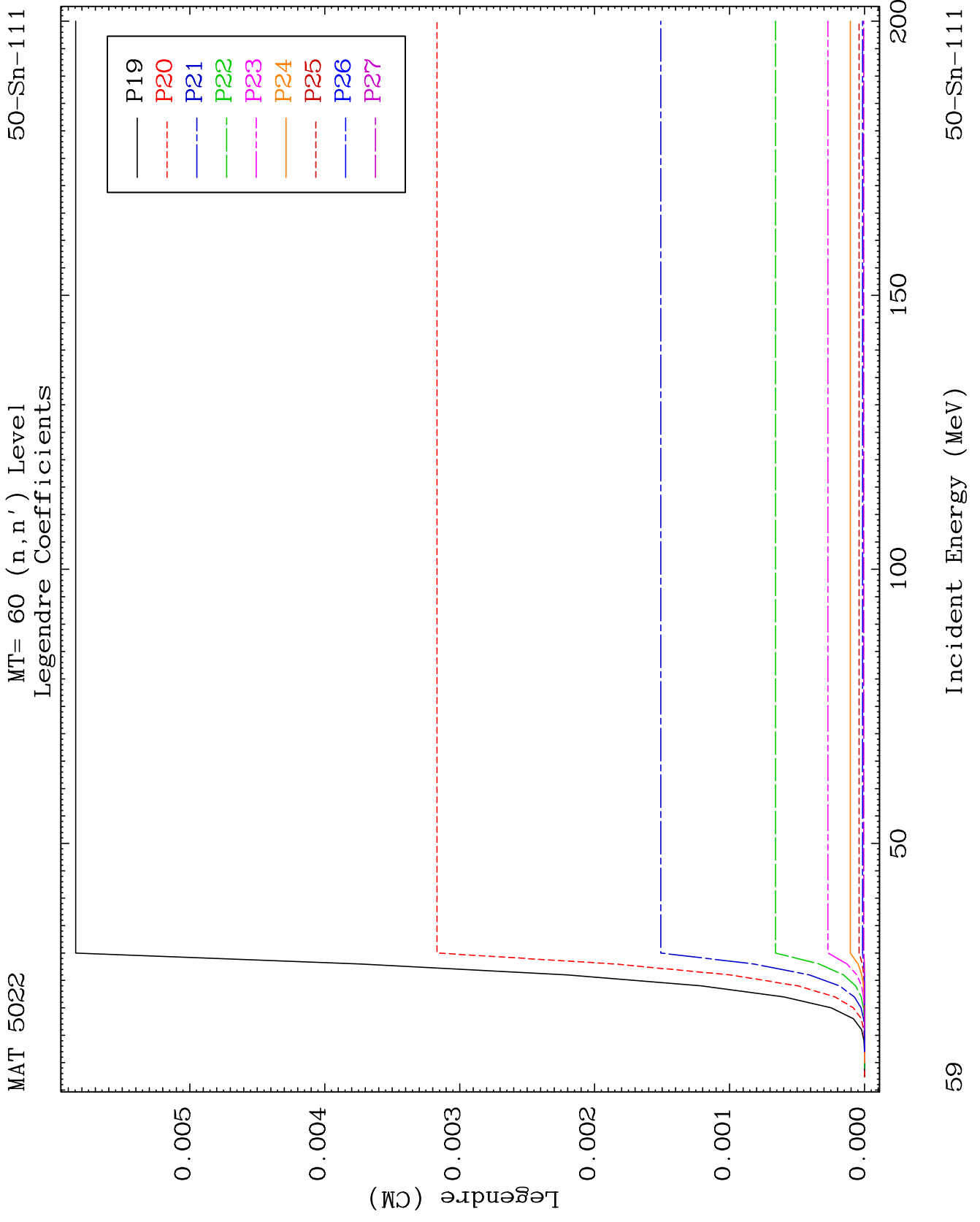


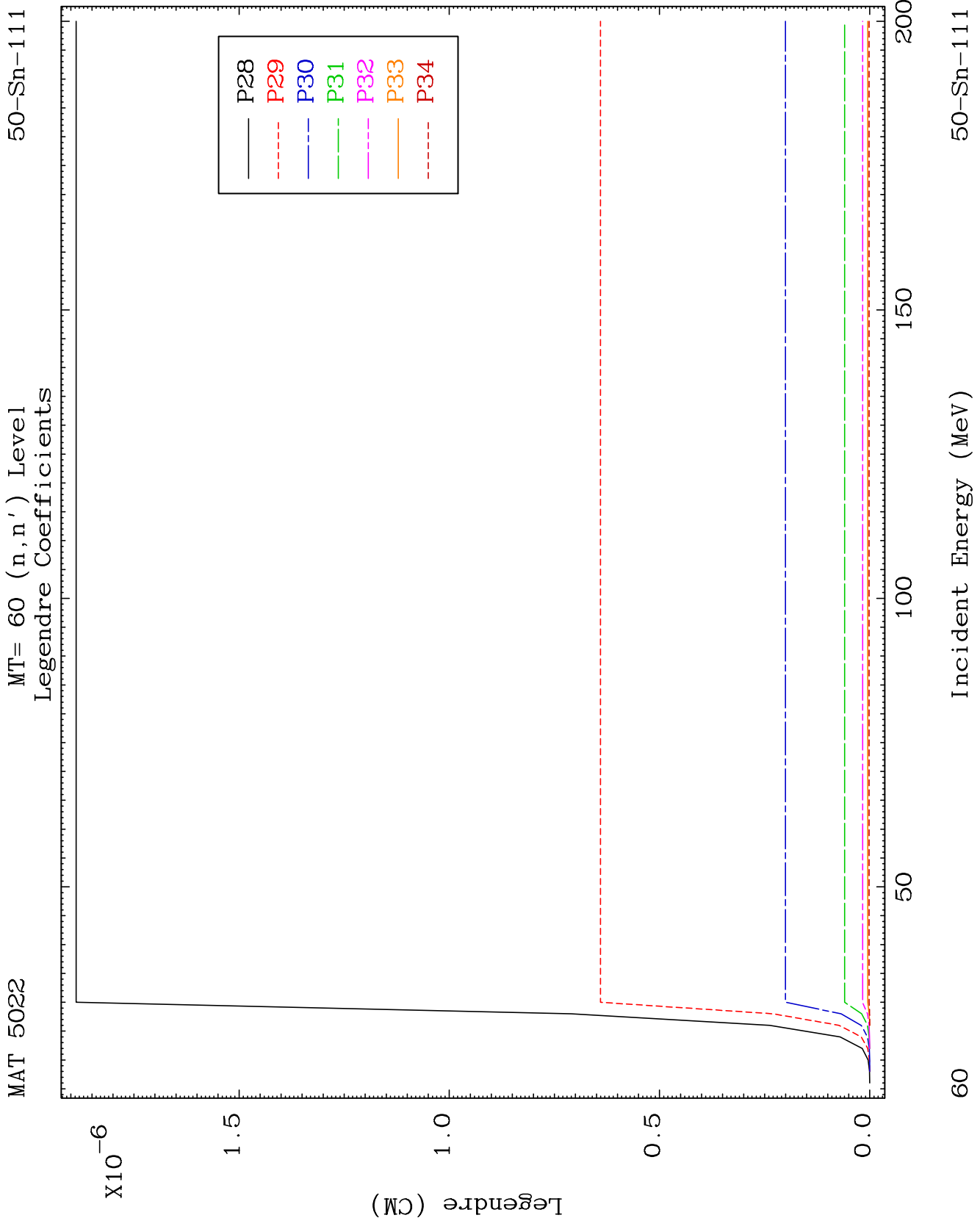
56

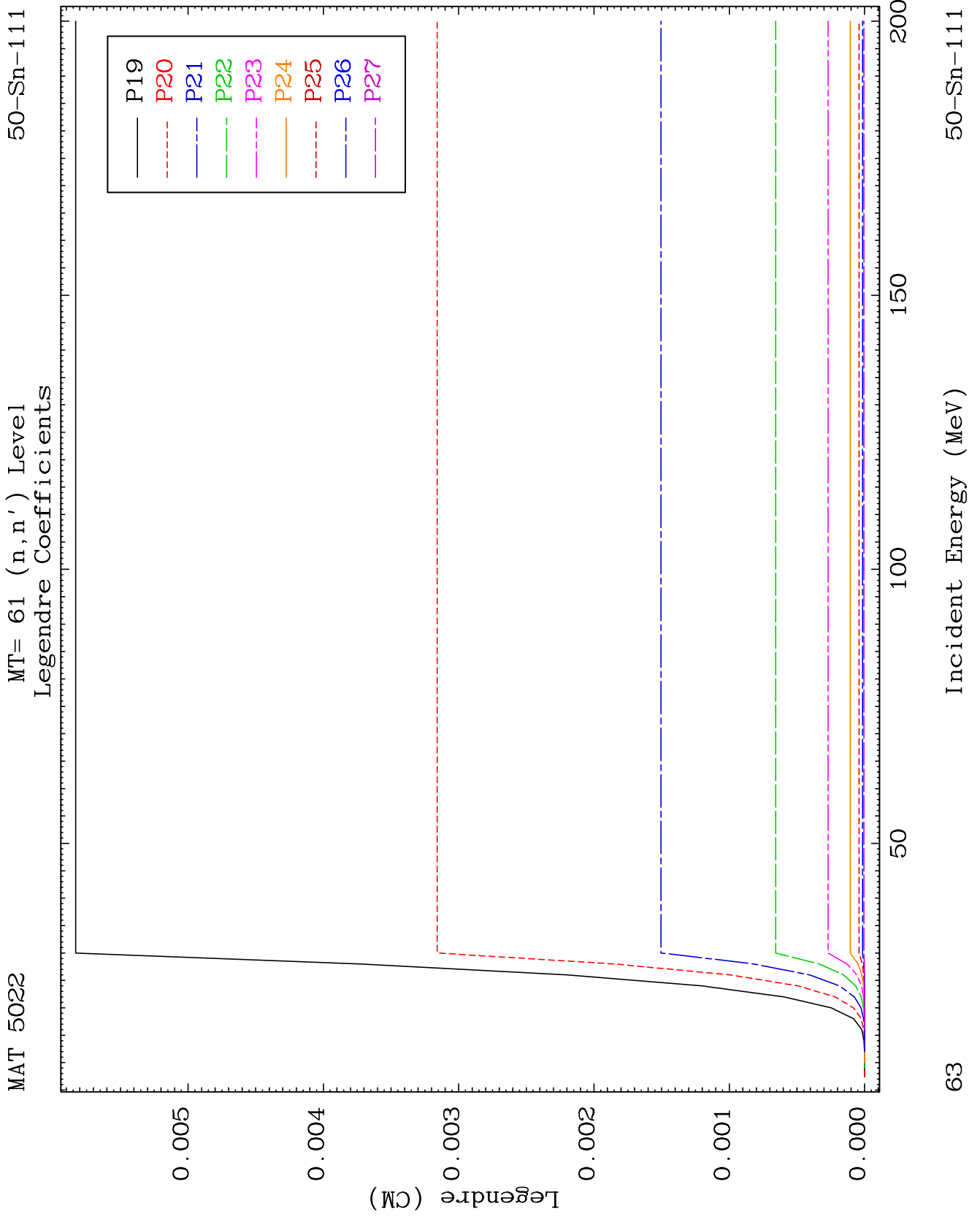
50-Sn-111

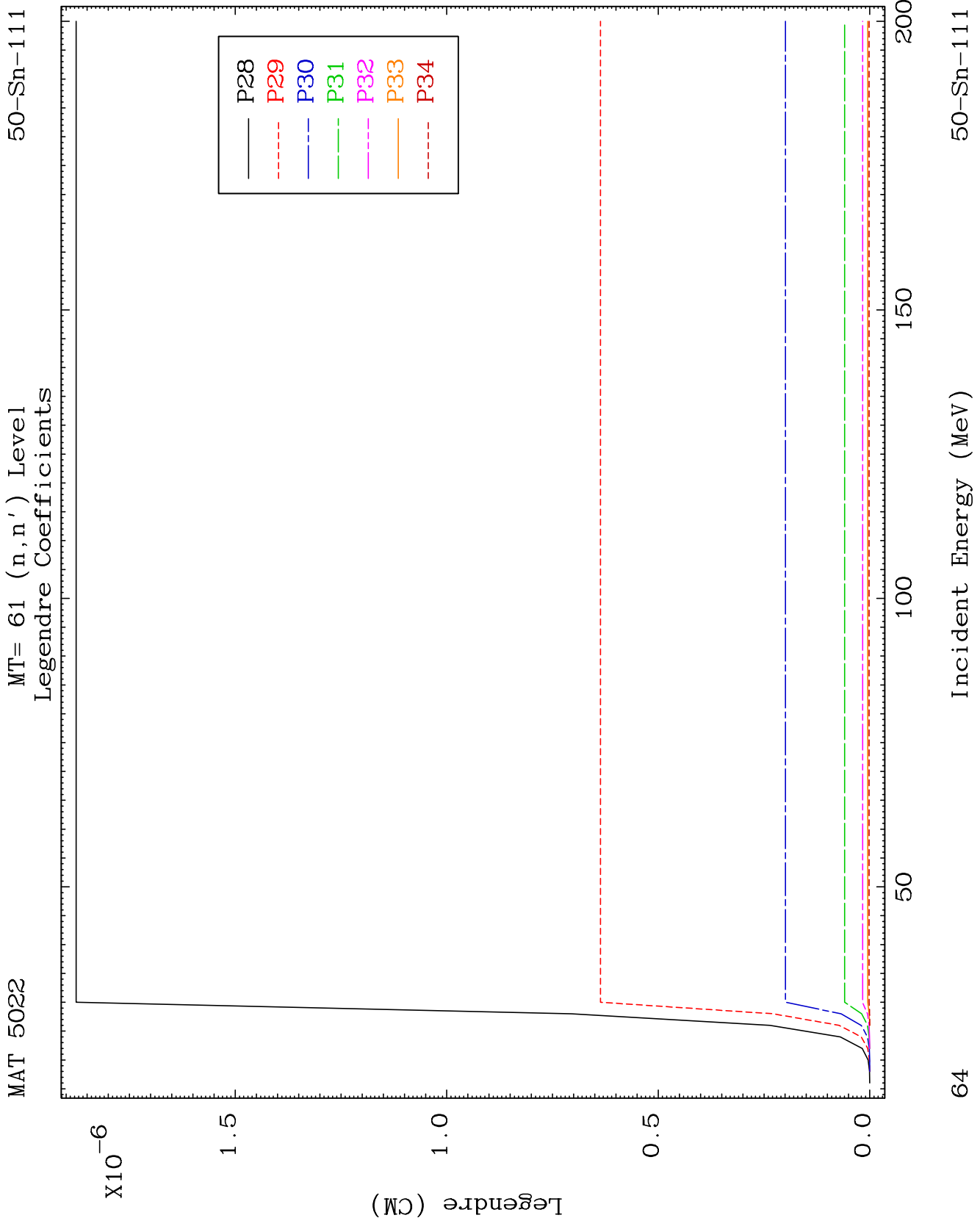








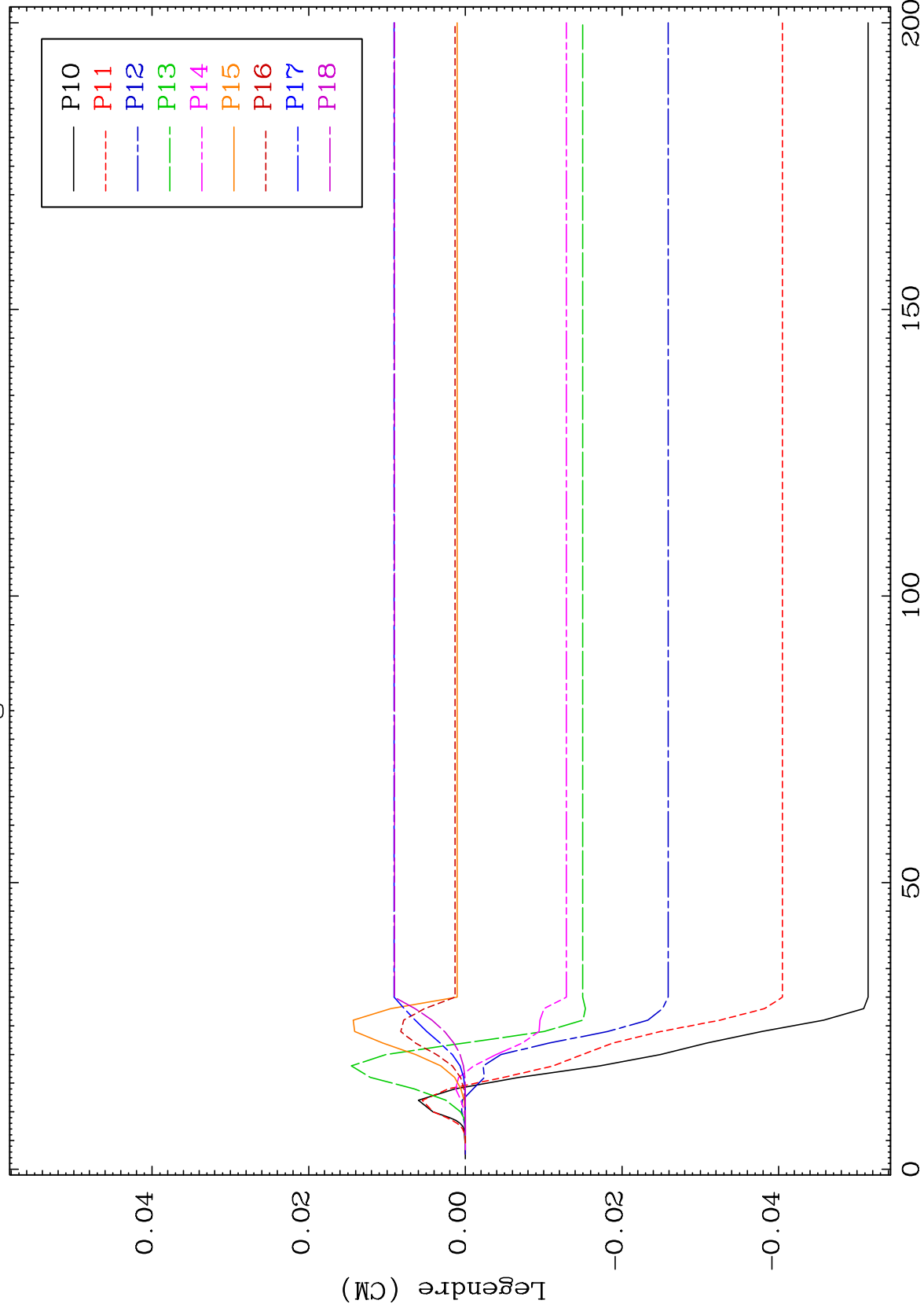




MAT 5022

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

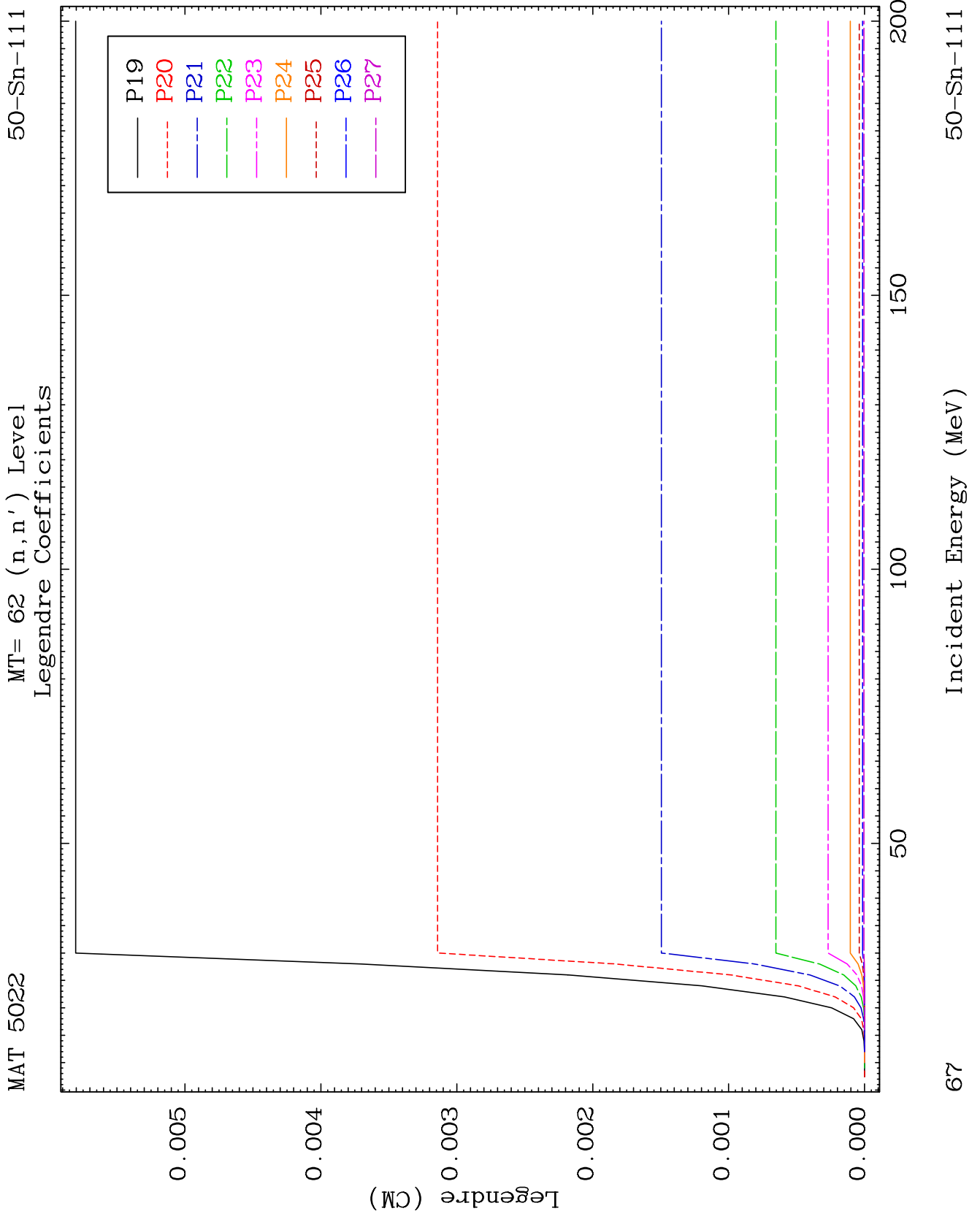
50-Sn-111



66

Incident Energy (MeV)

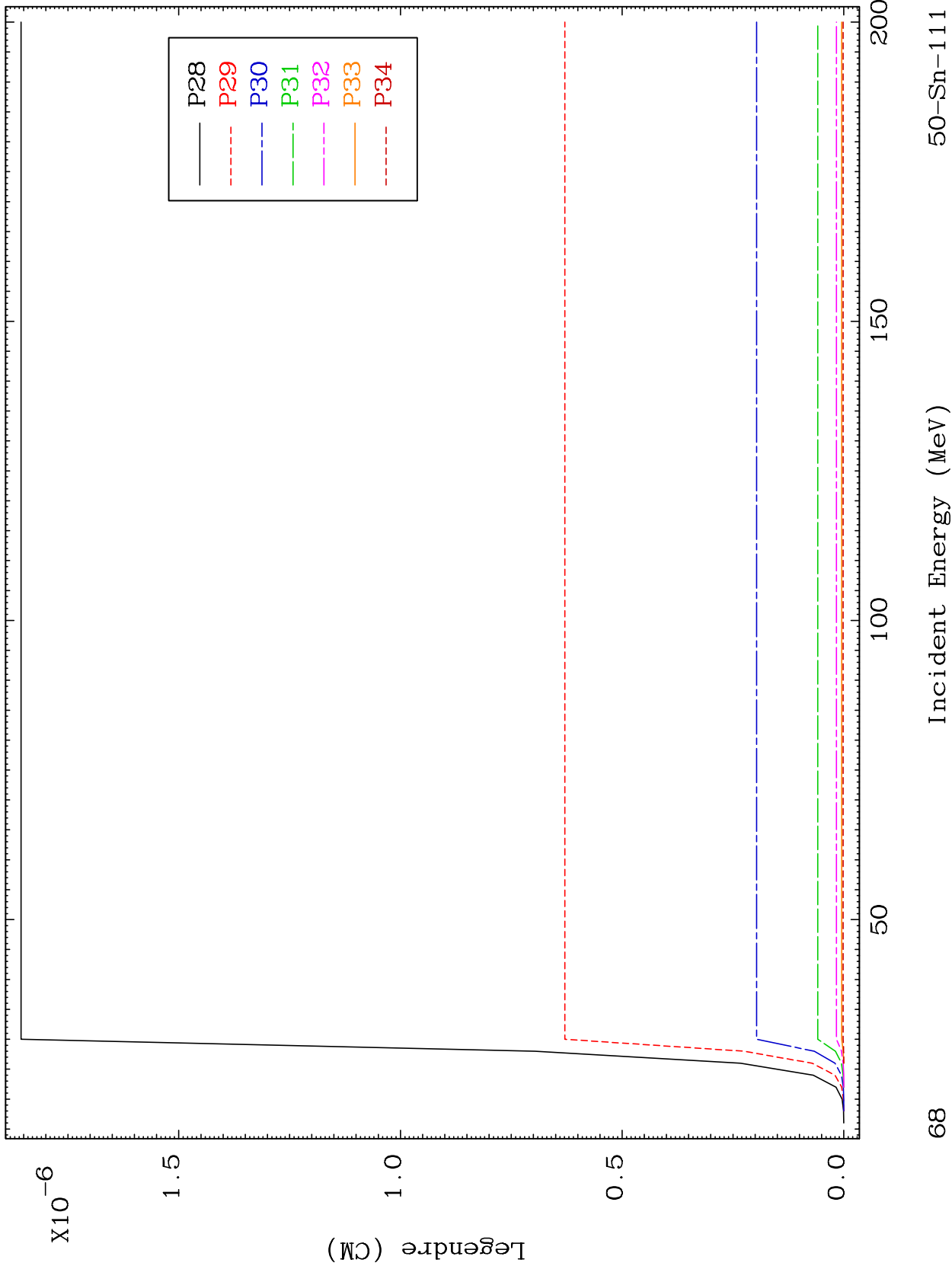
50-Sn-111



MAT 5022

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

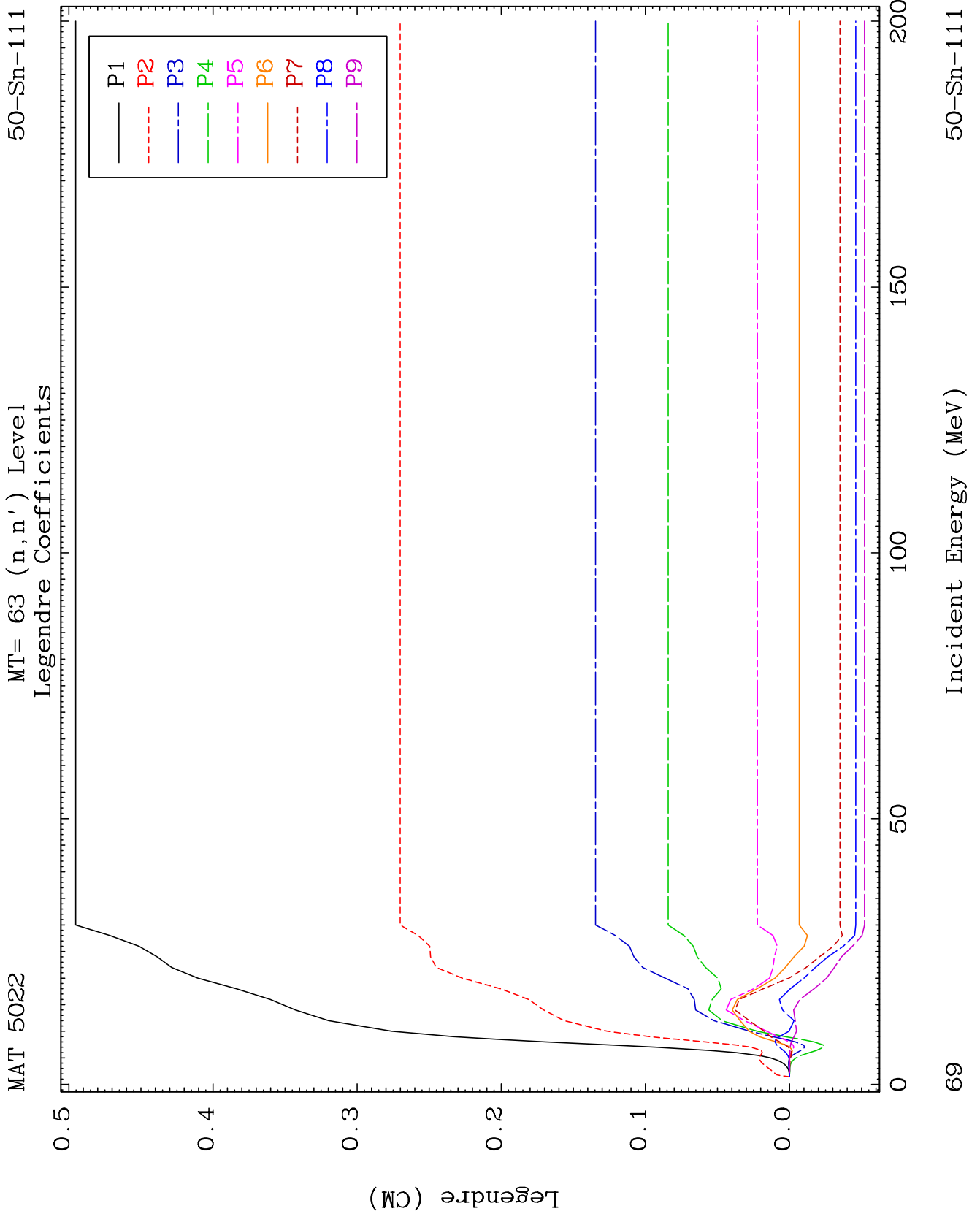
50-Sn-111

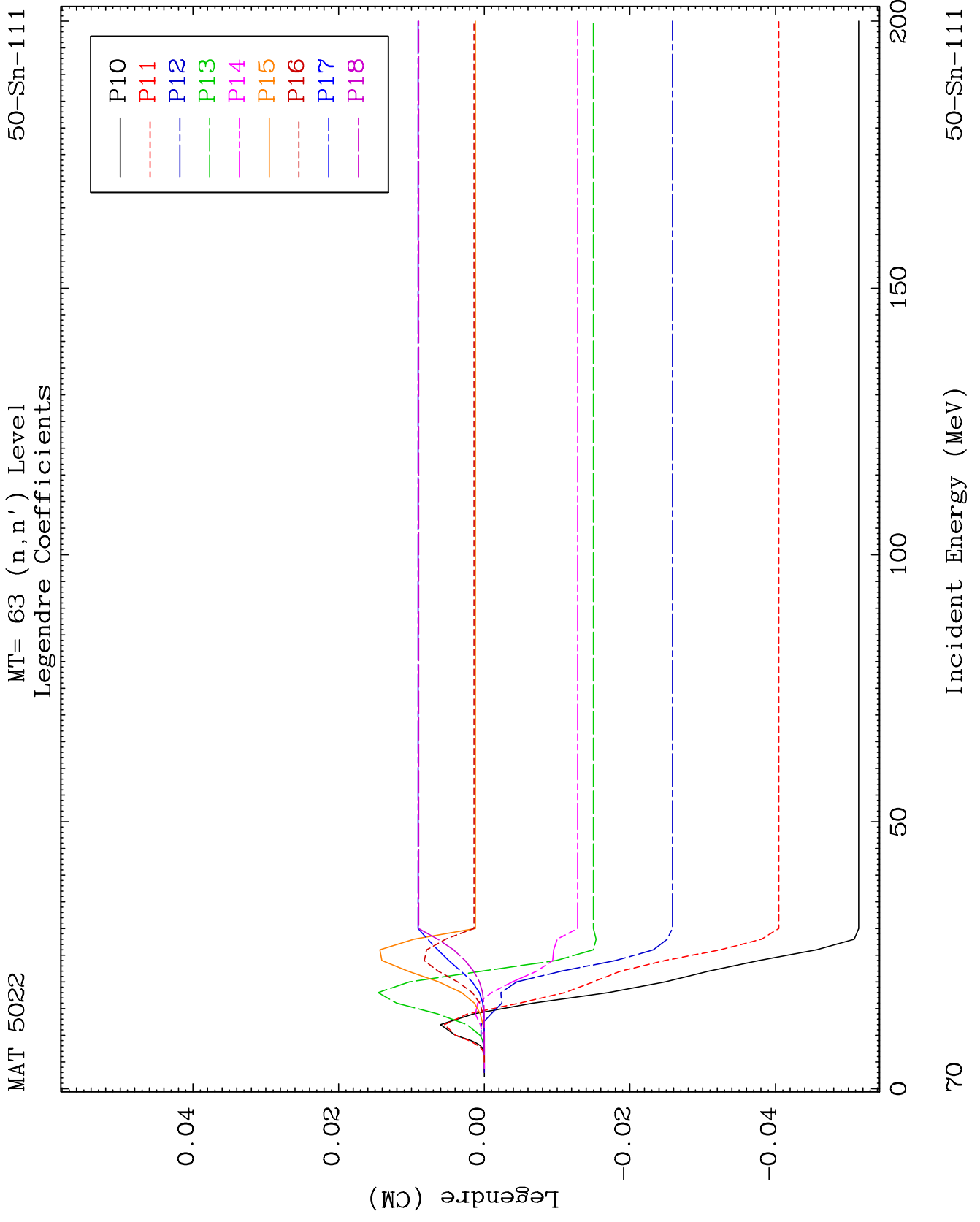


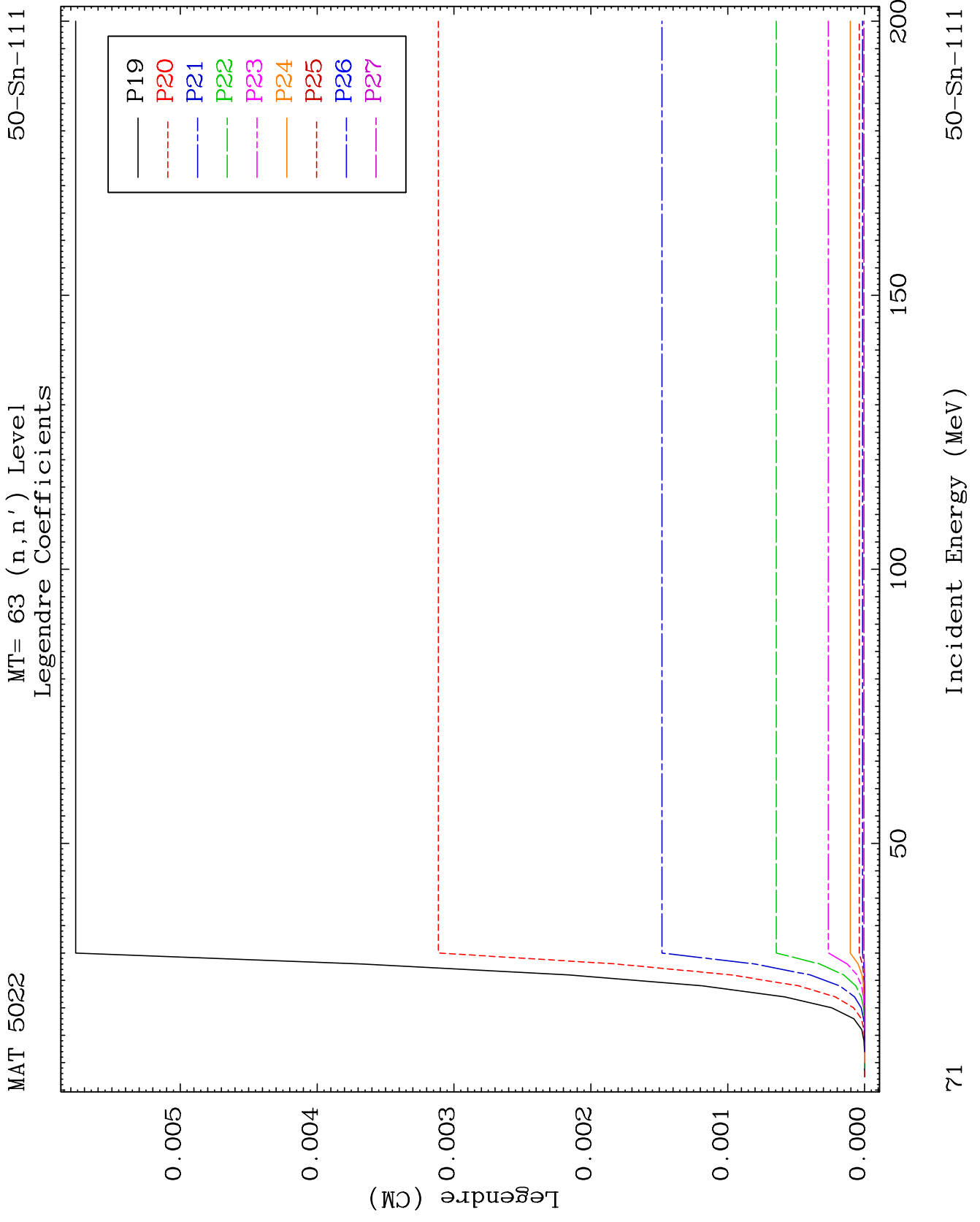
68

Incident Energy (MeV)

50-Sn-111



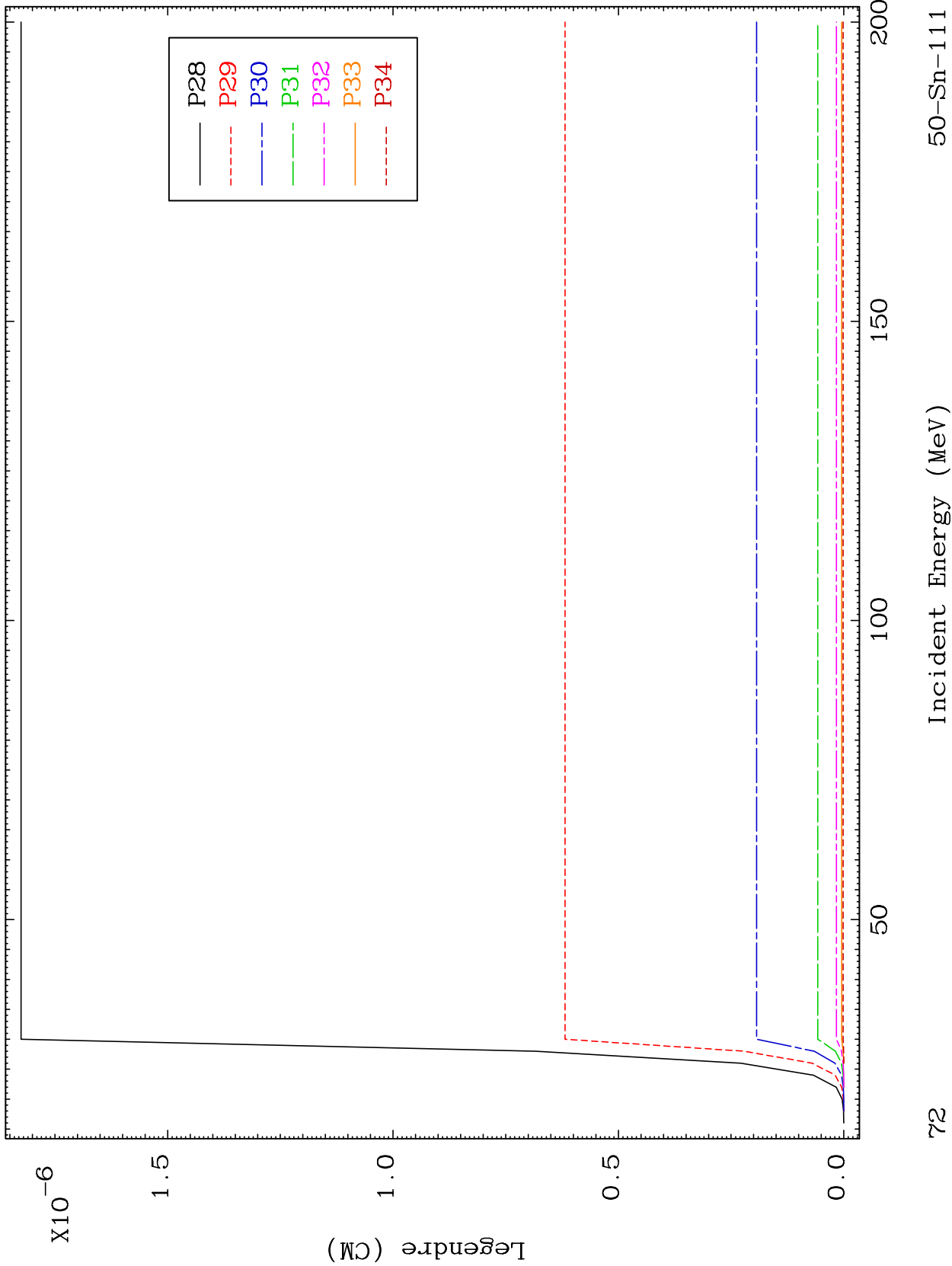


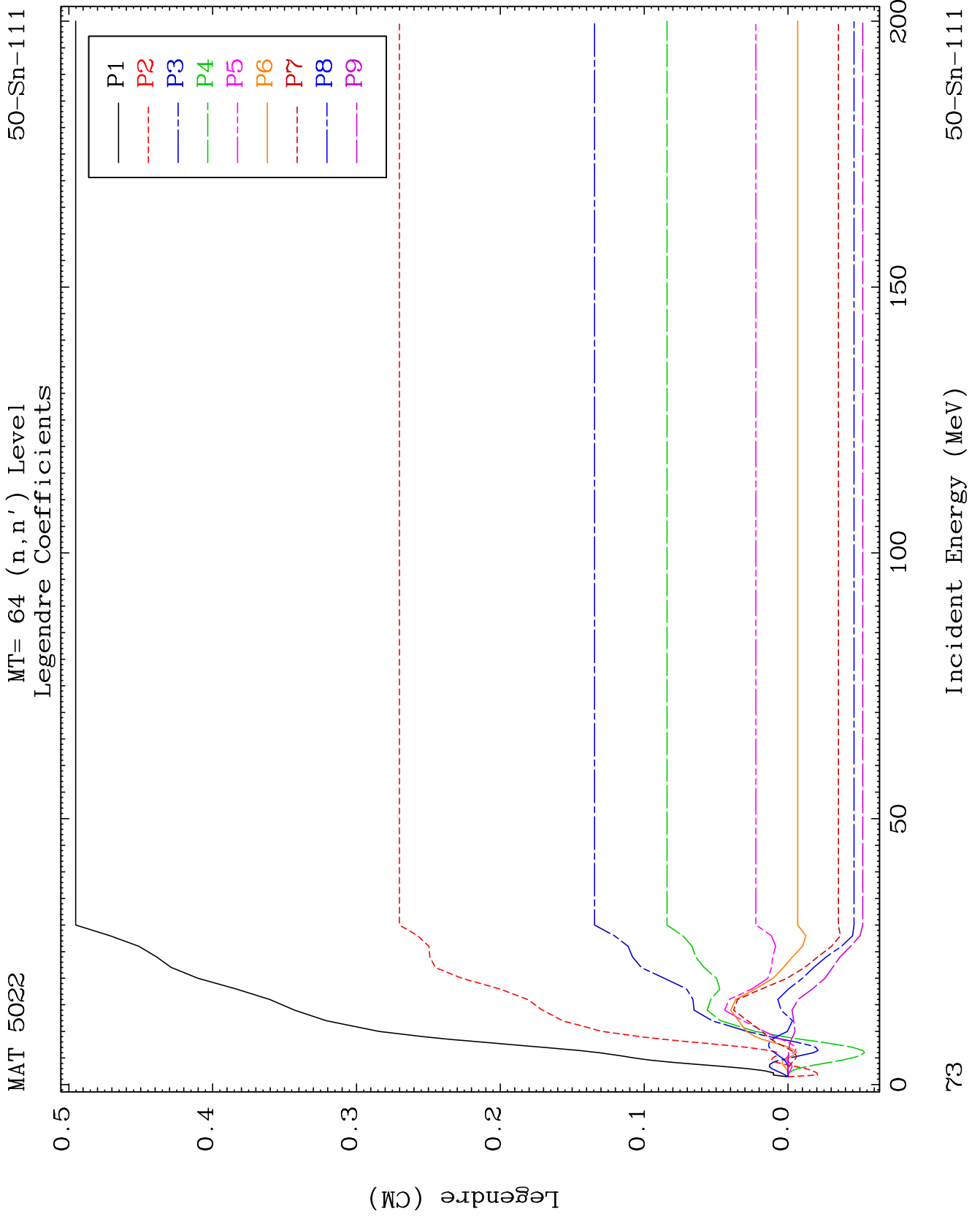


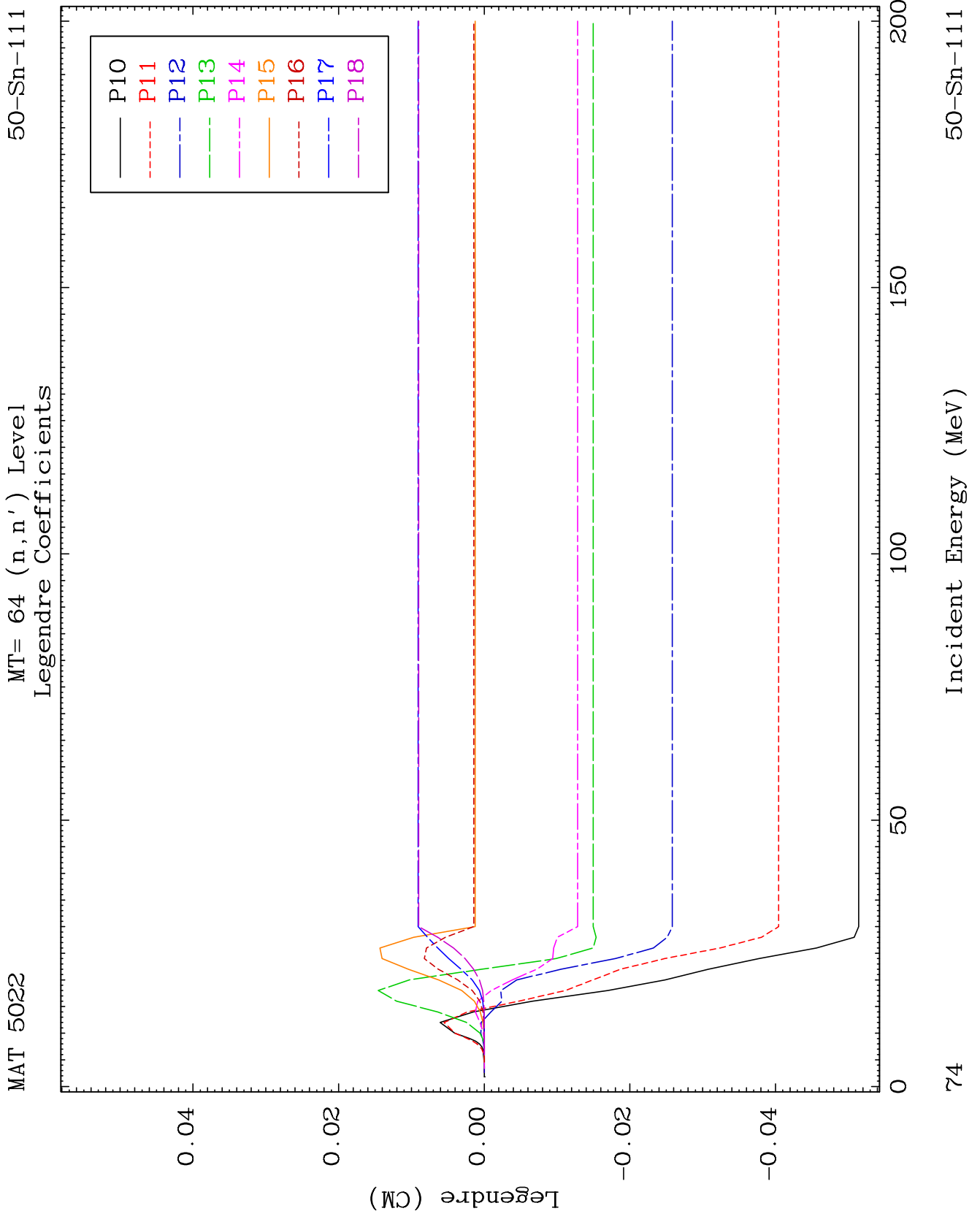
MAT 5022

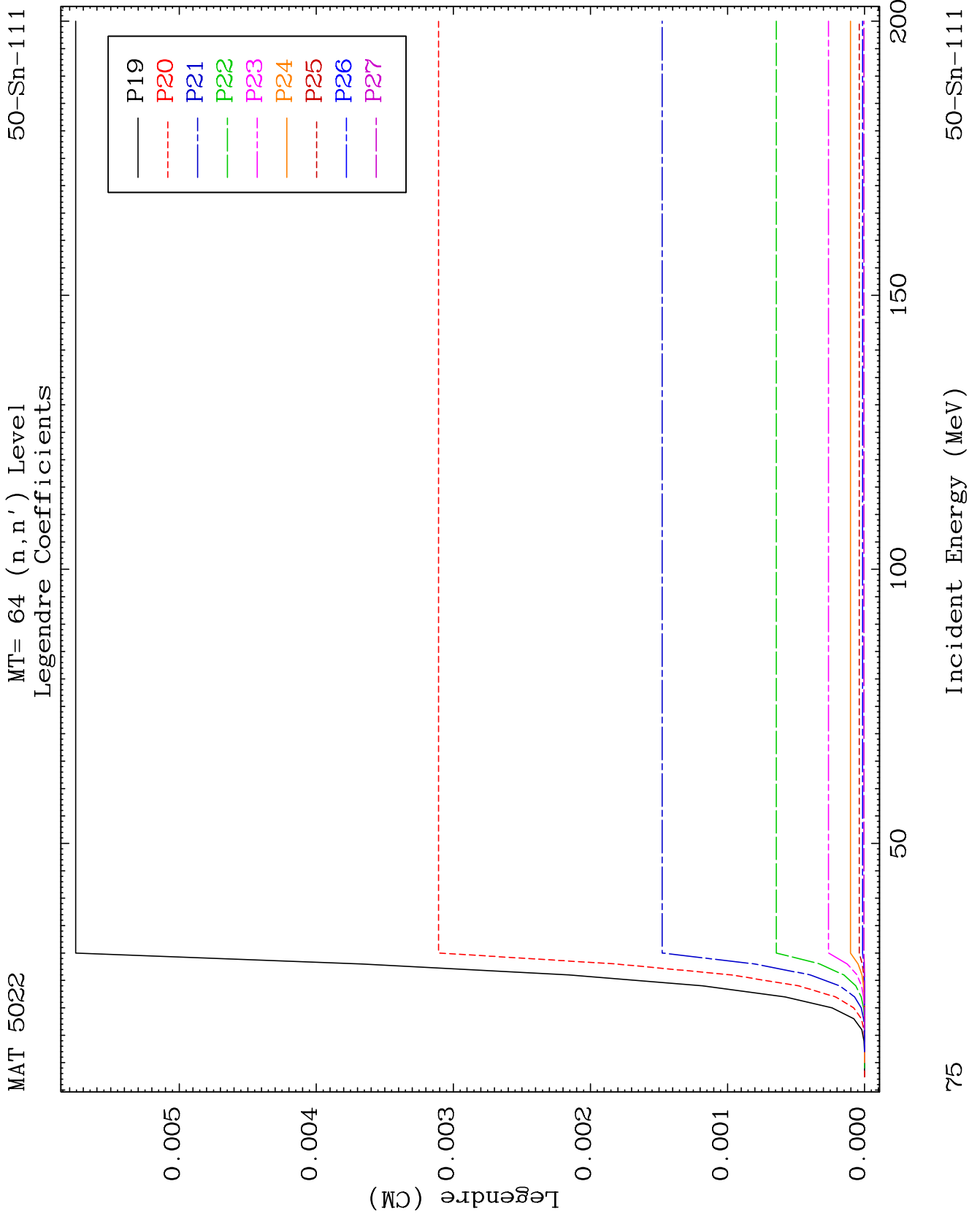
MT= 63 (n,n') Level
Legendre Coefficients

50-Sn-111





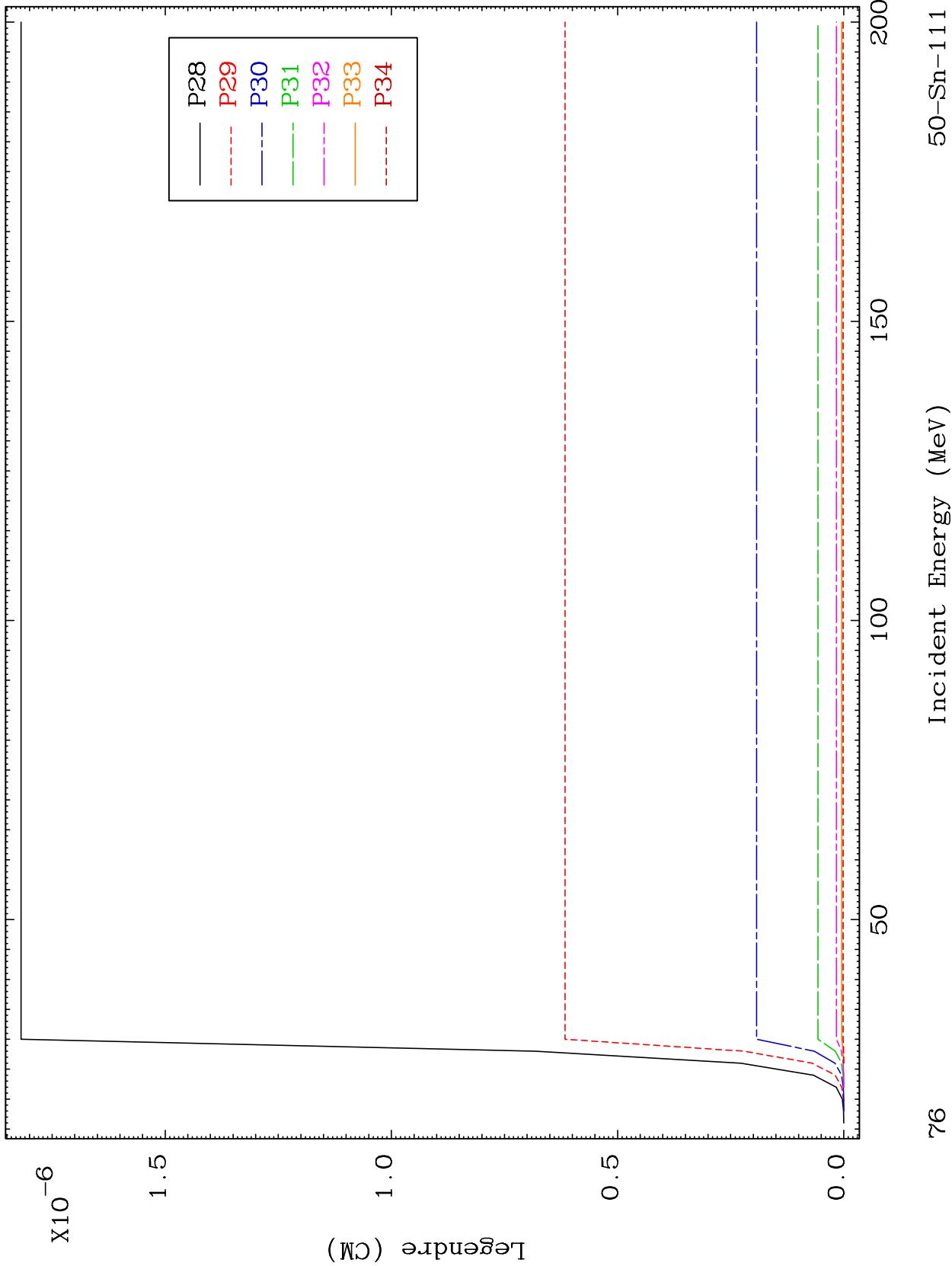




MAT 5022

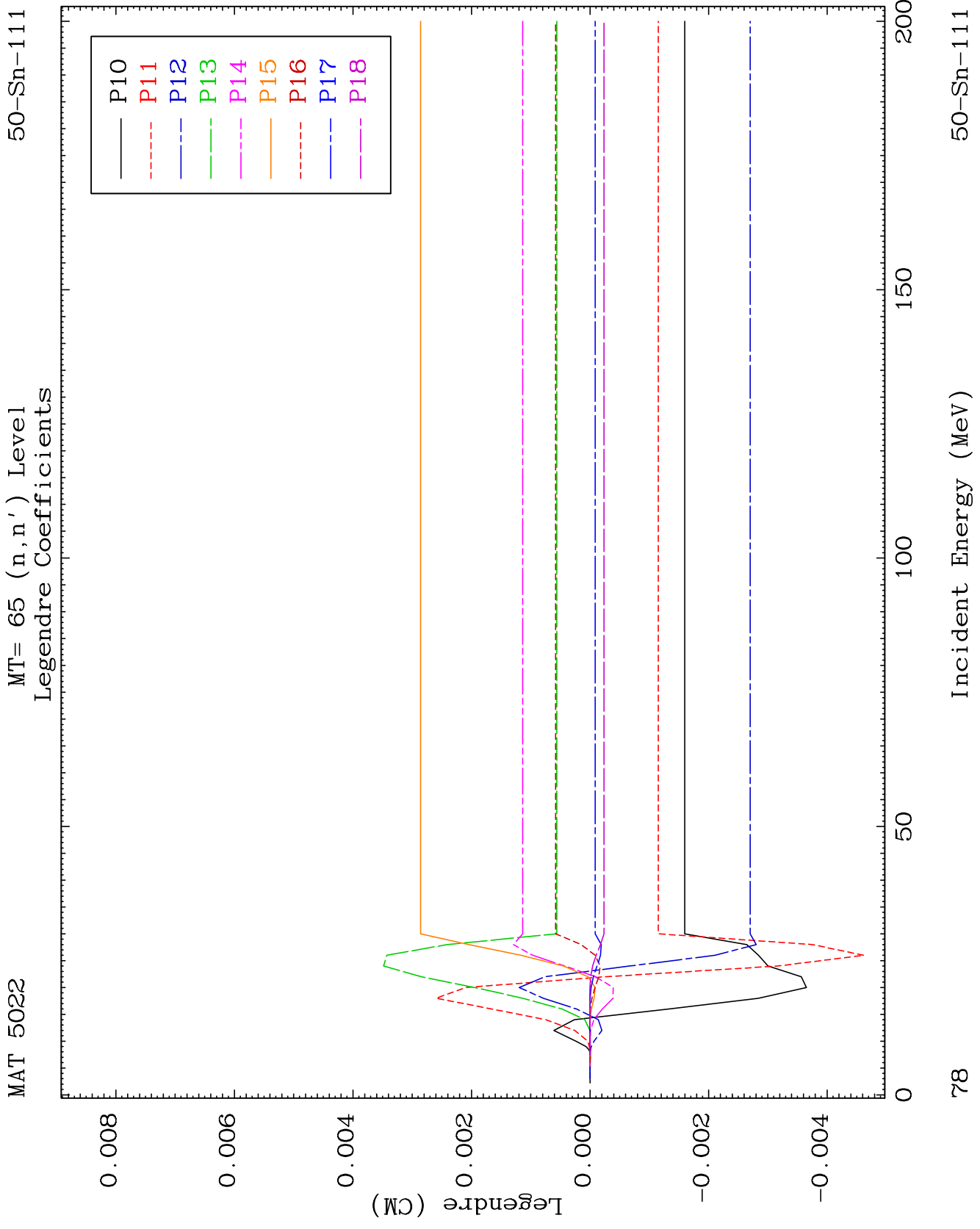
MT= 64 (n,n') Level
Legendre Coefficients

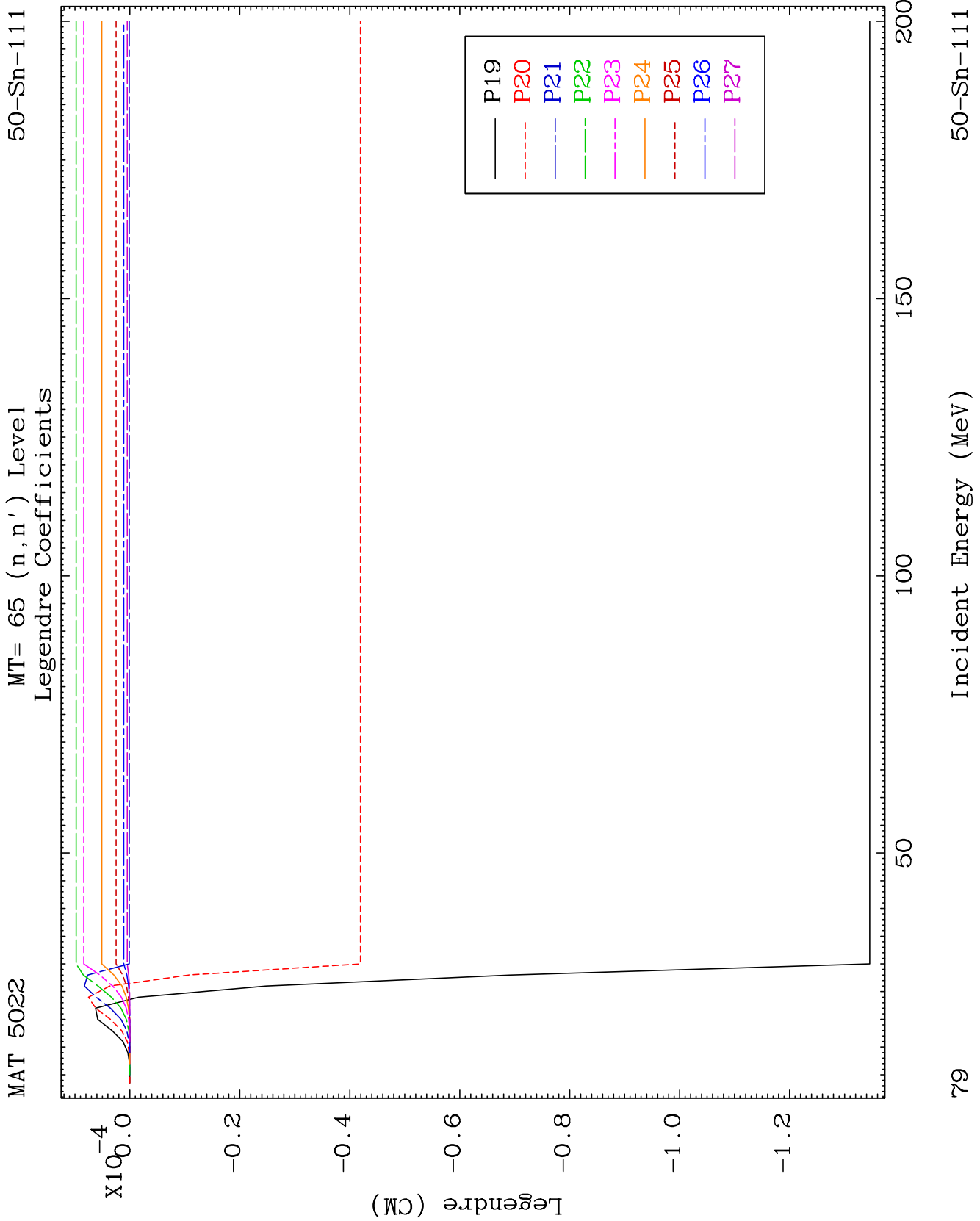
50-Sn-111

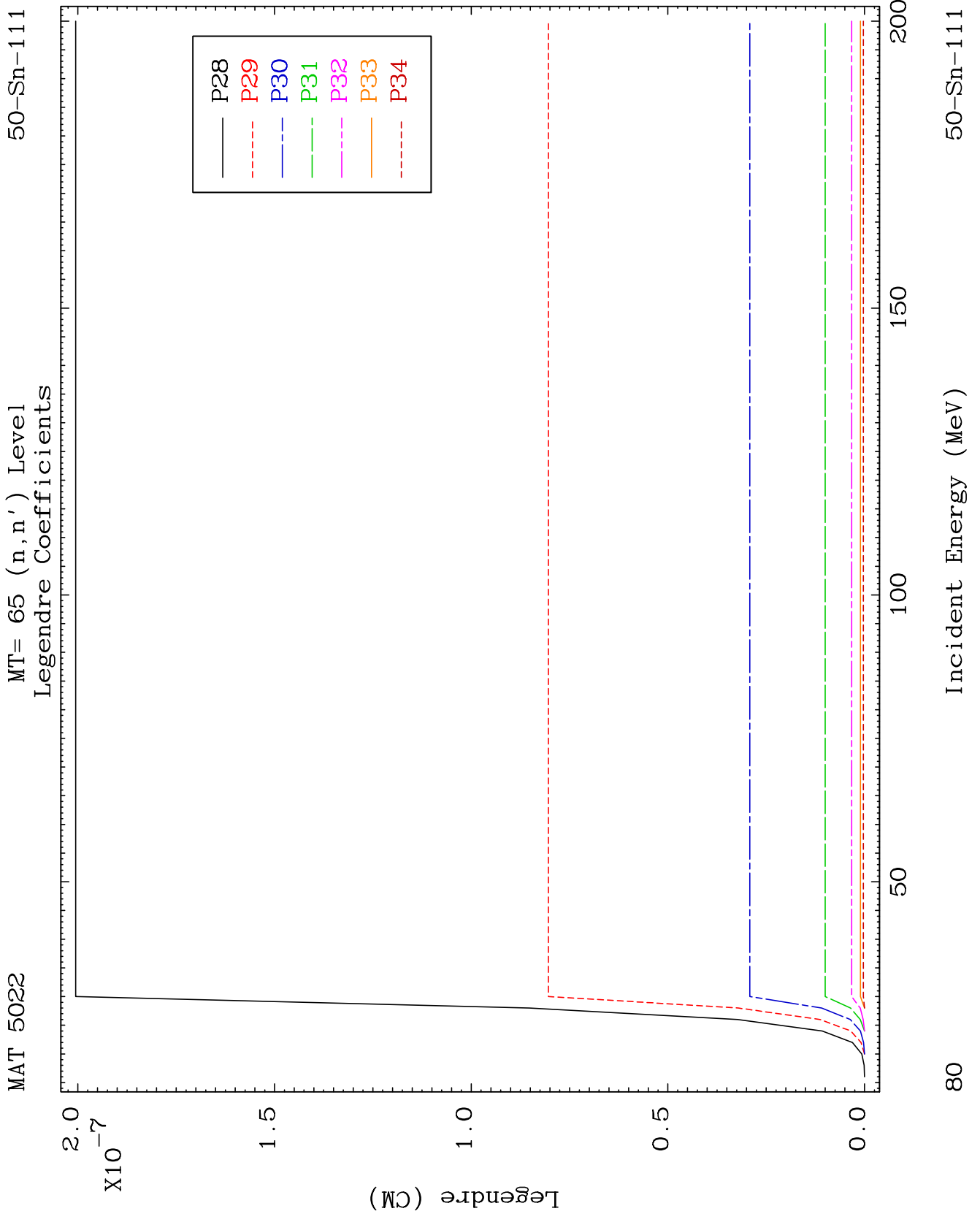


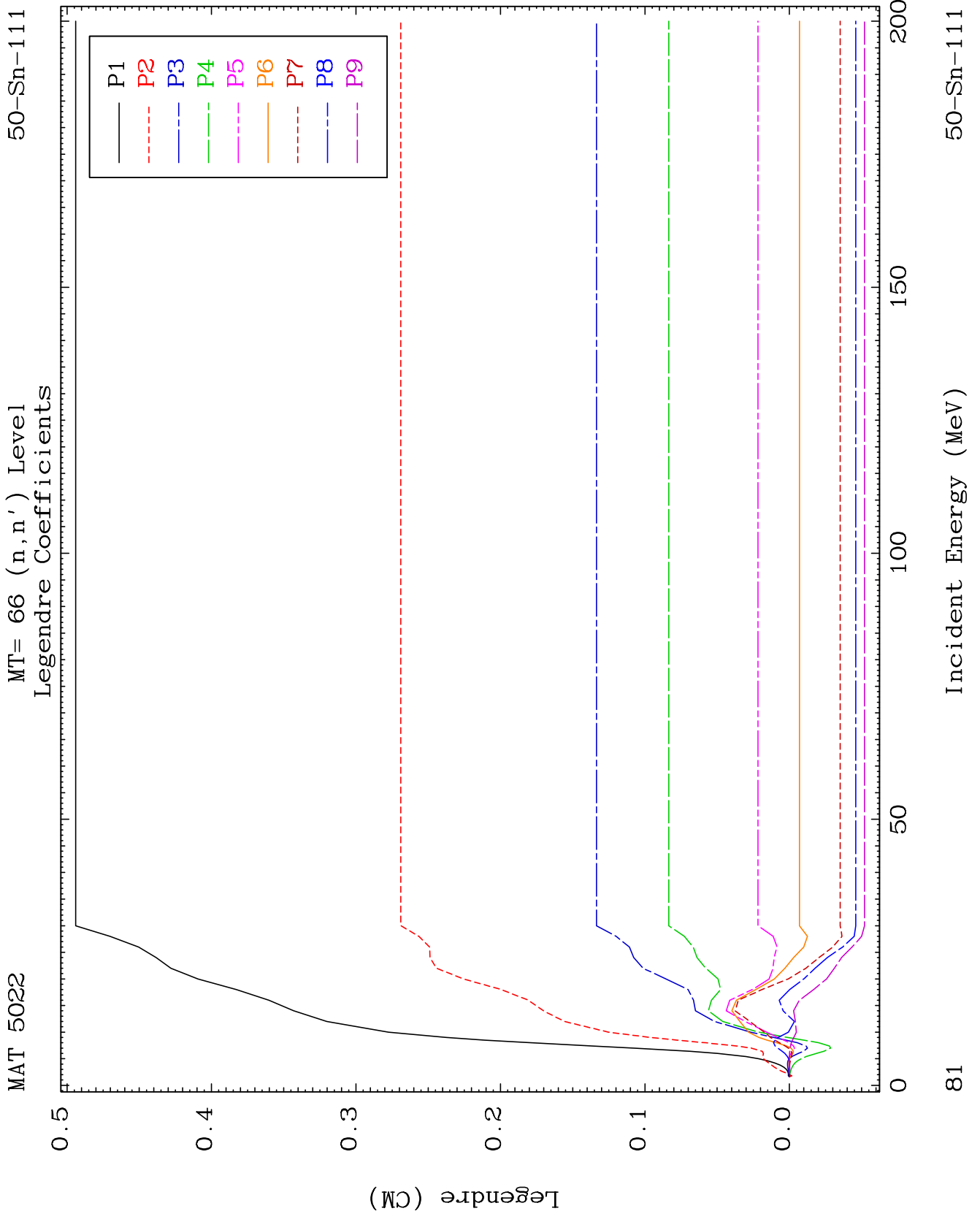
76

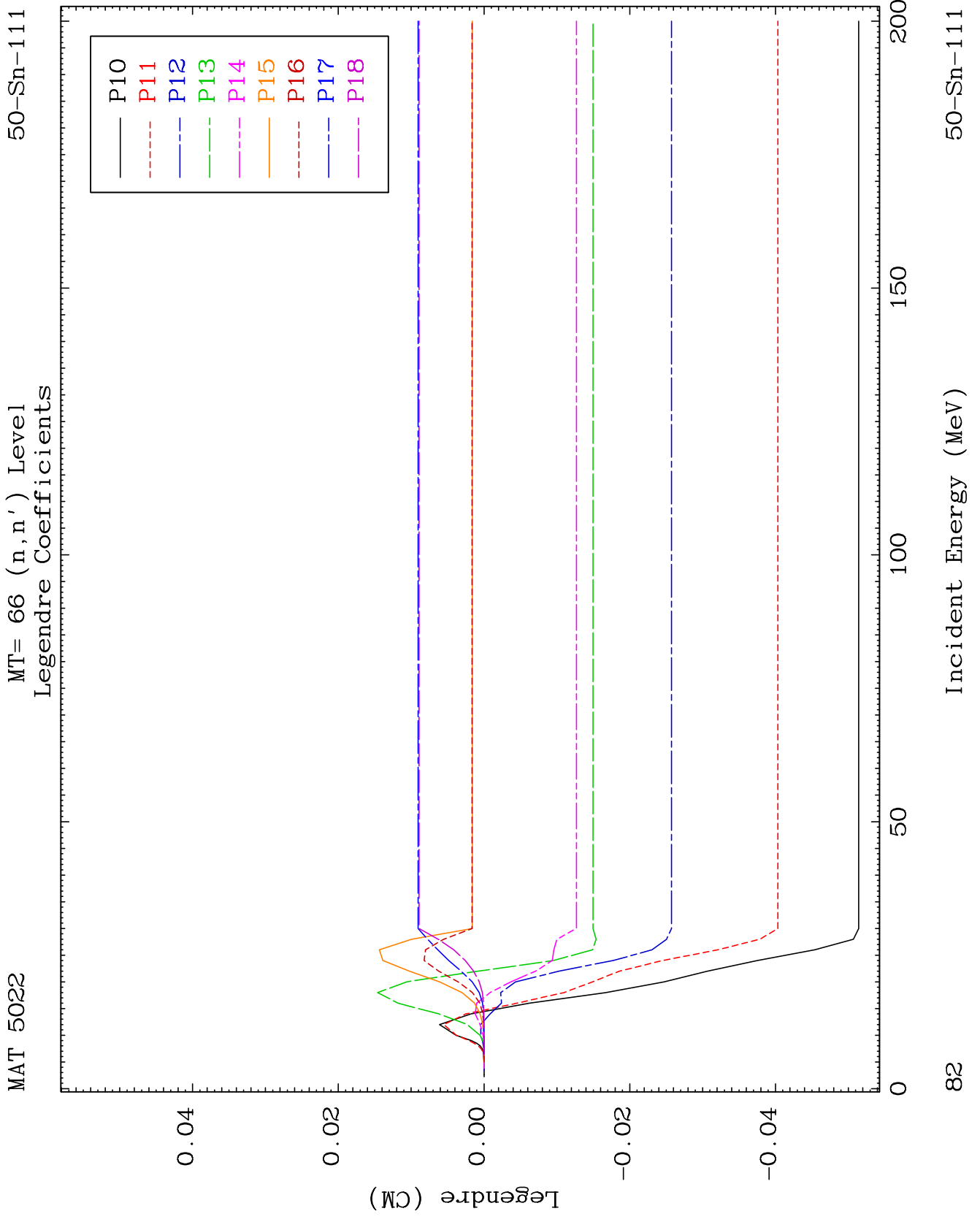
50-Sn-111

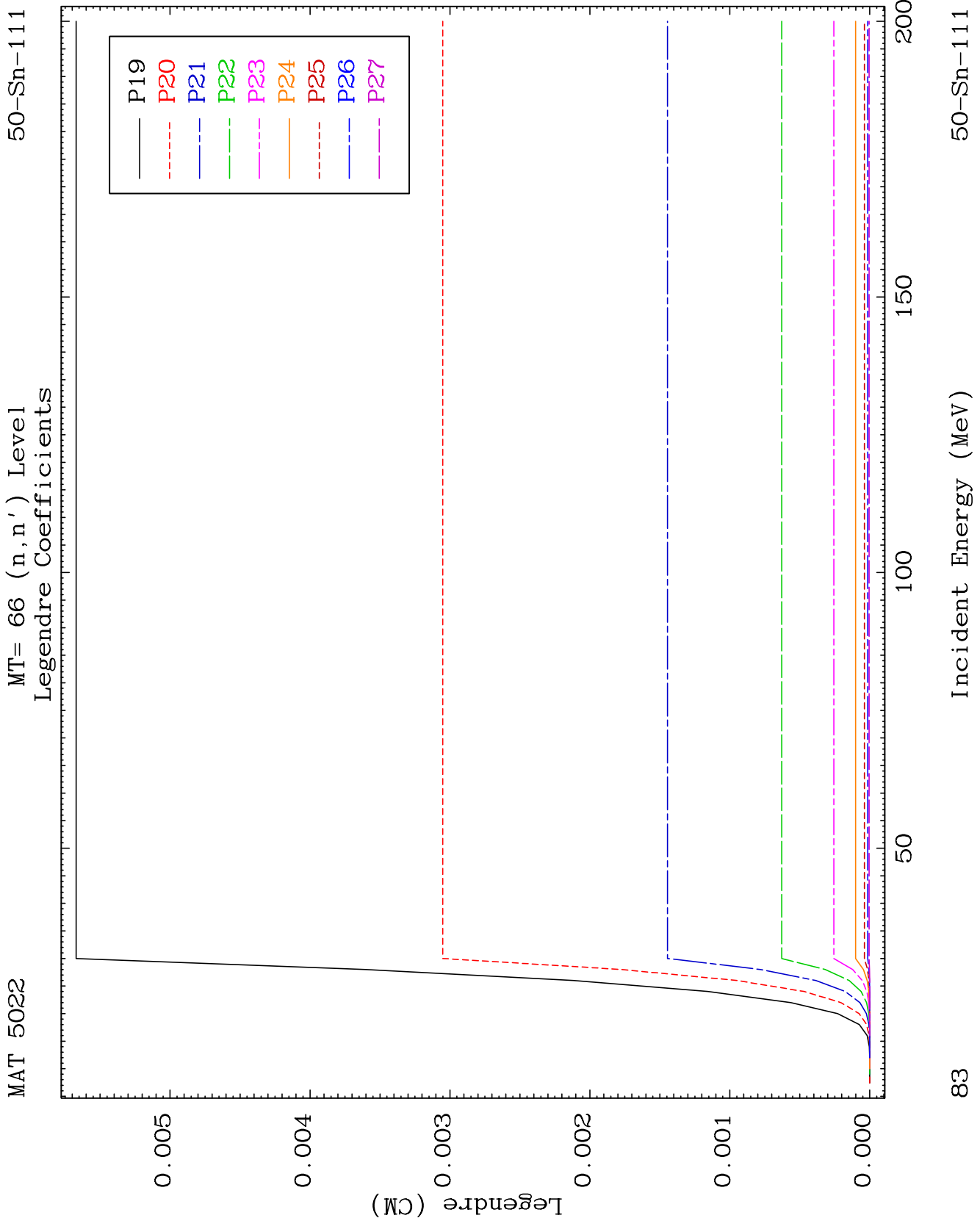








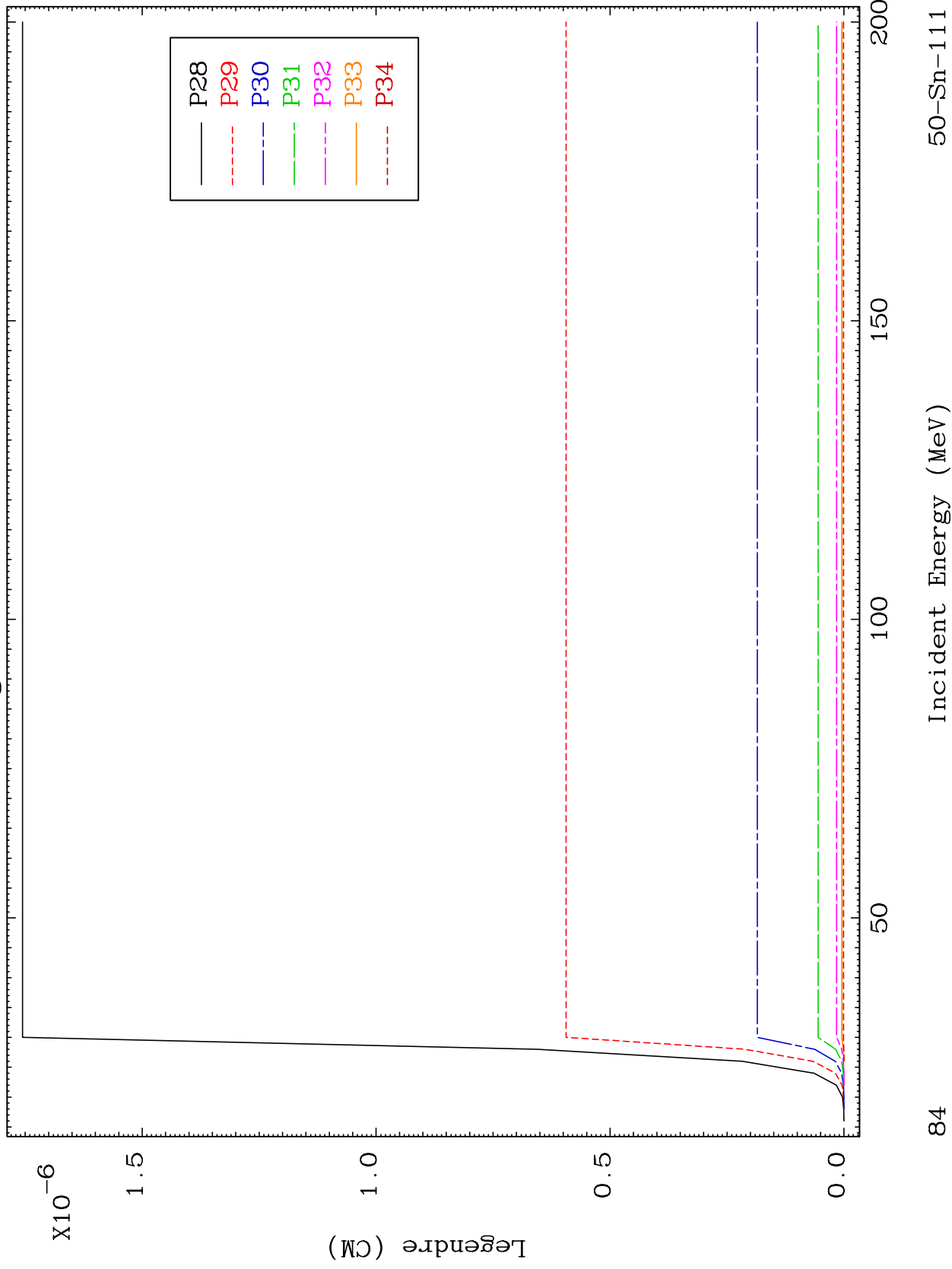


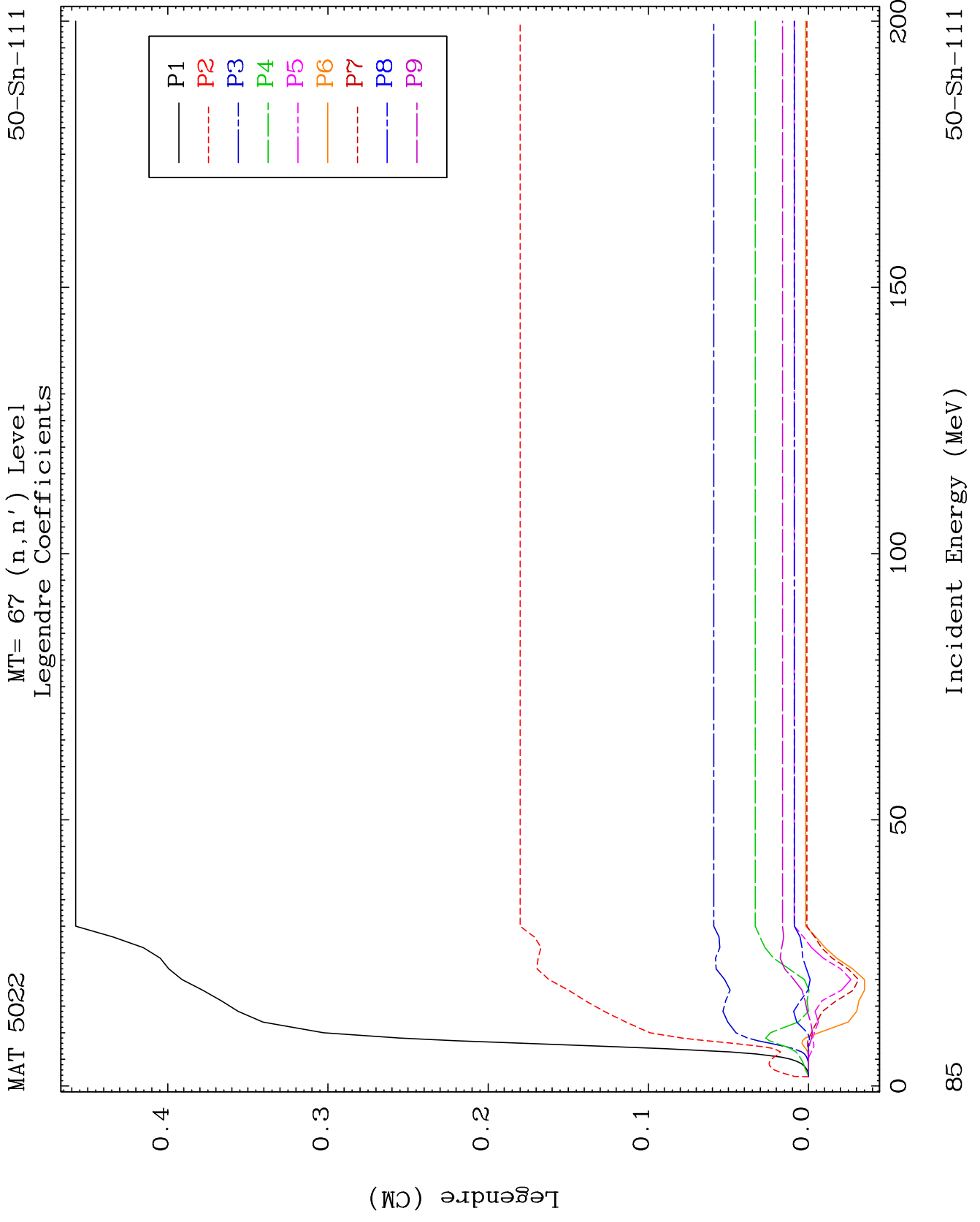


MAT 5022

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

50-Sn-111

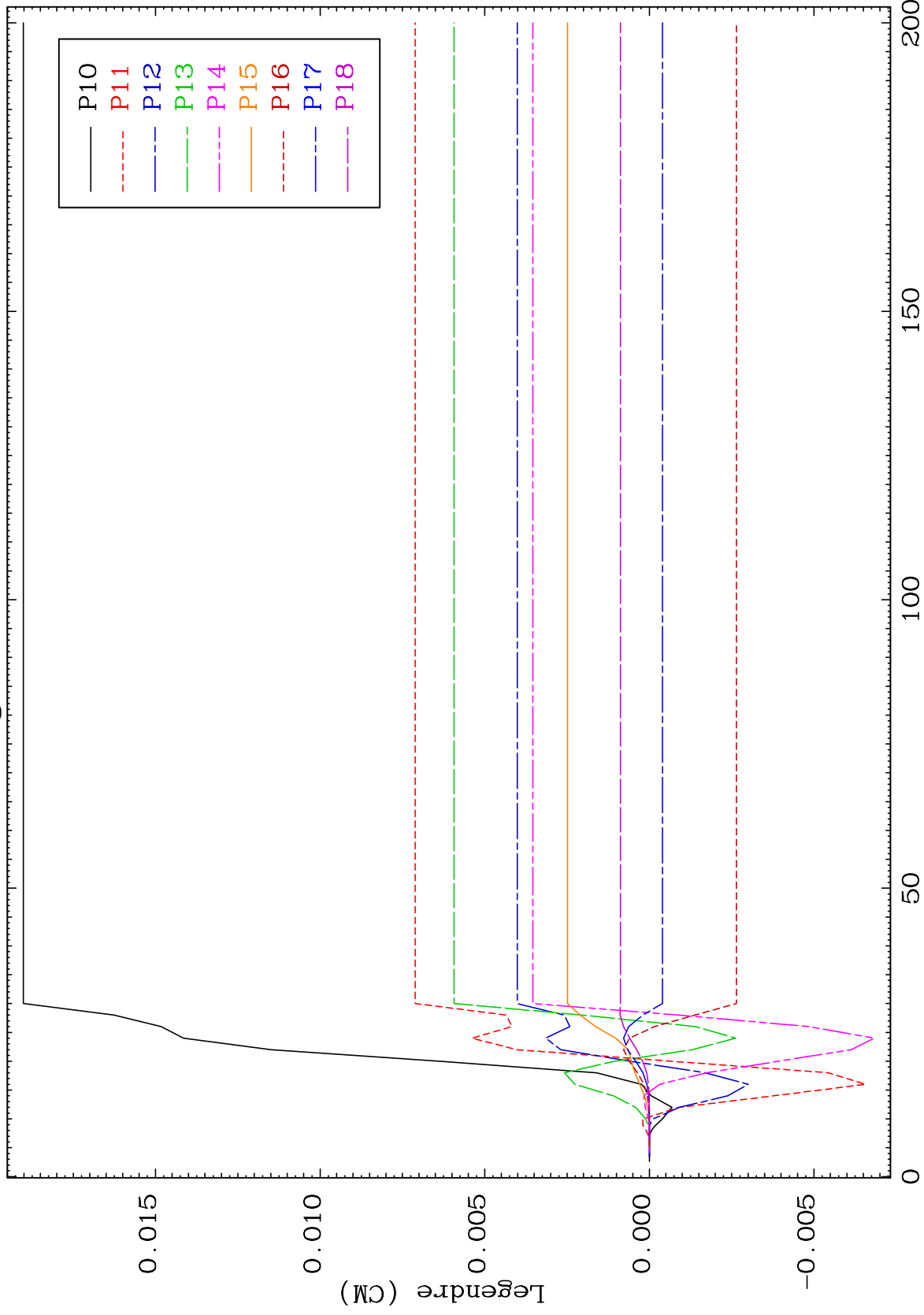




MAT 5022

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

50-Sn-111



86

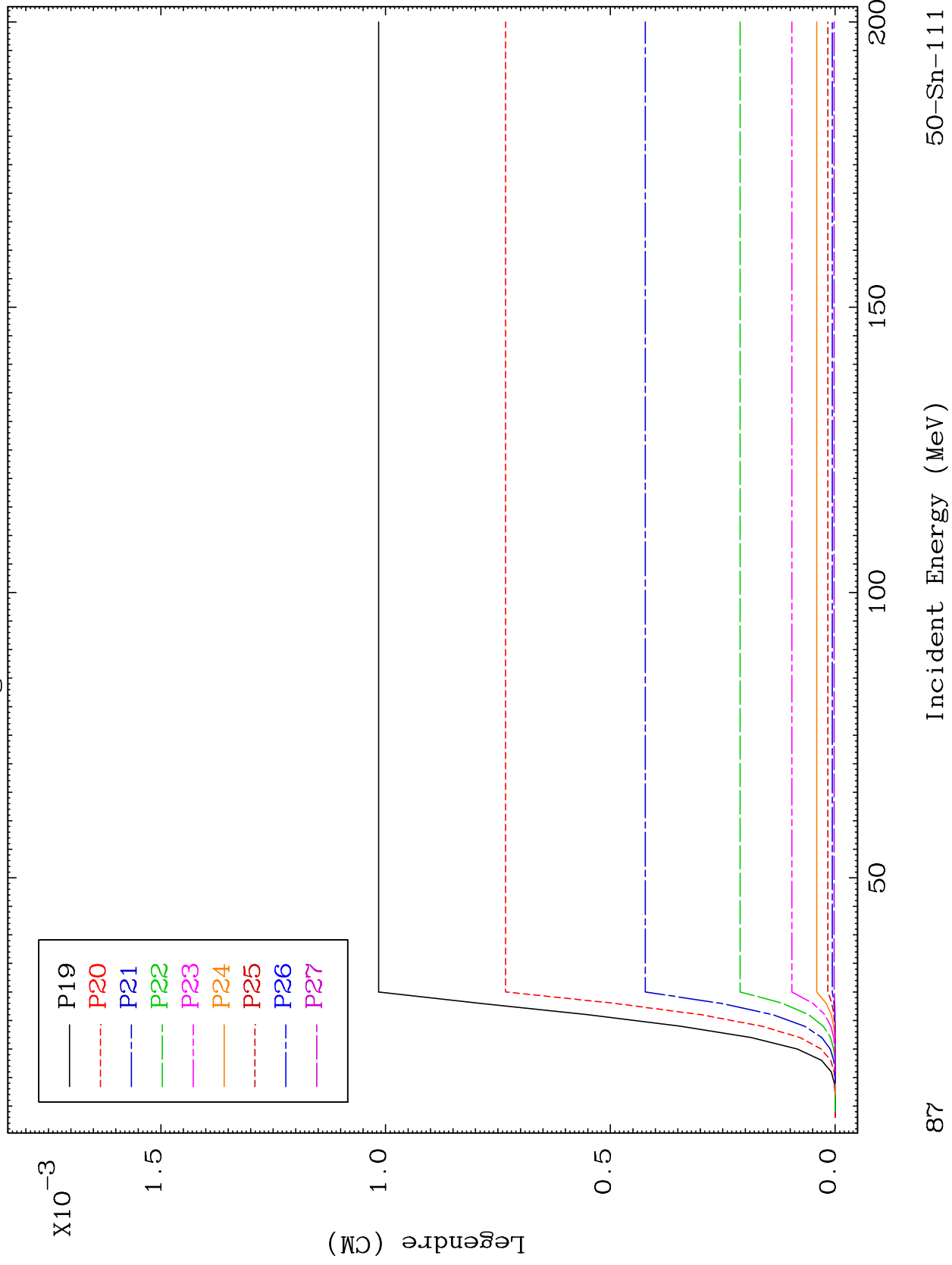
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

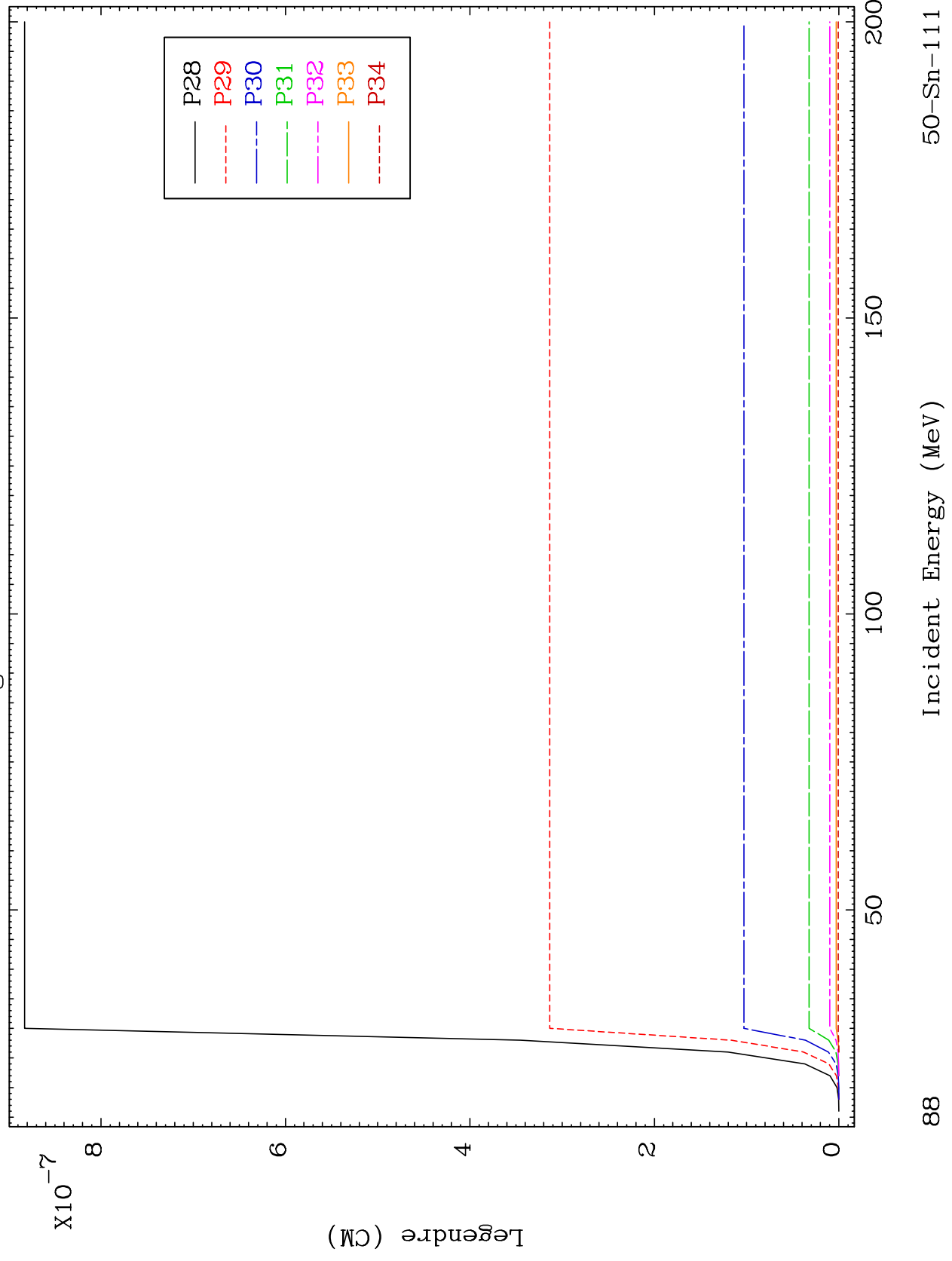
50-Sn-111



MAT 5022

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

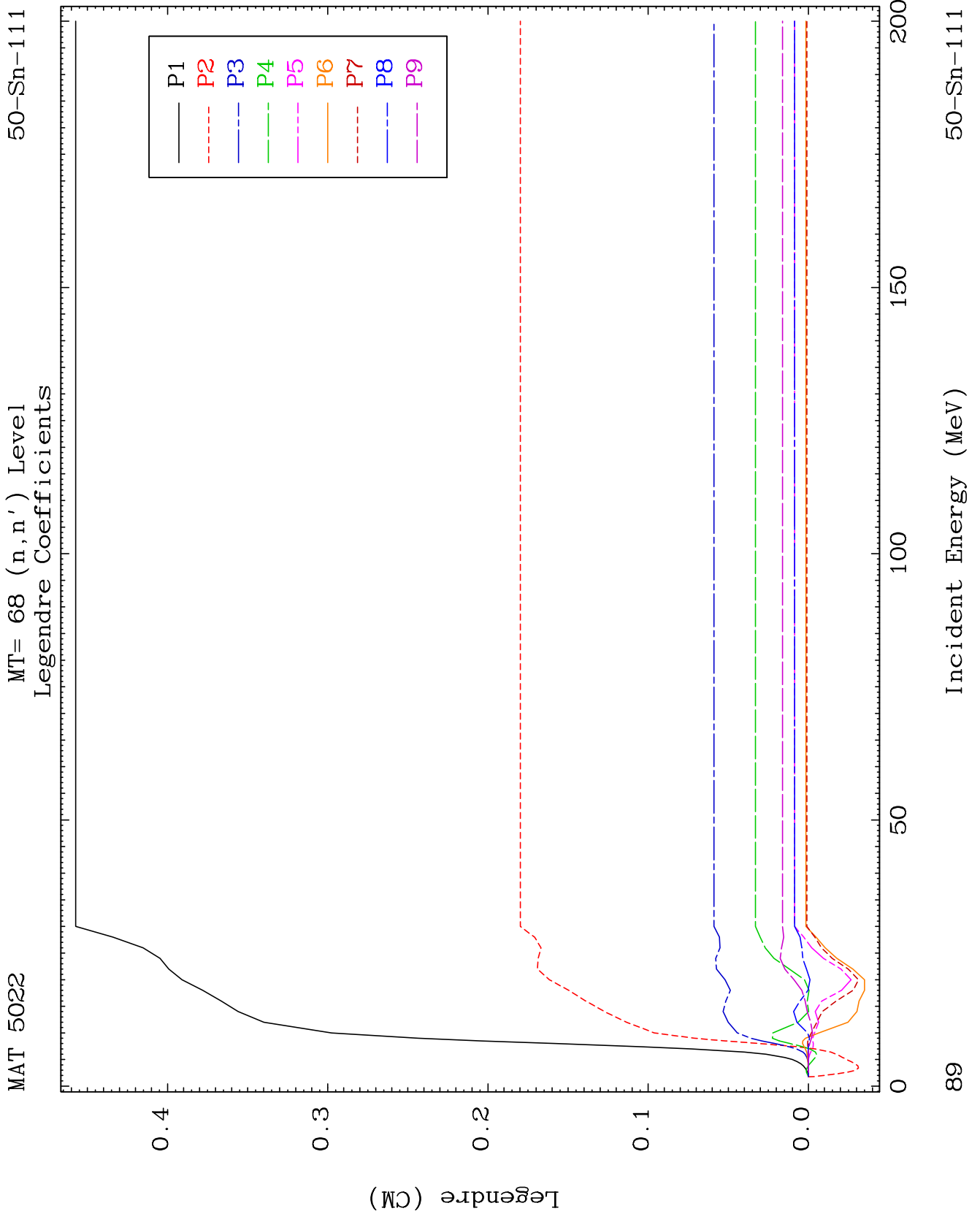
50-Sn-111



88

Incident Energy (MeV)

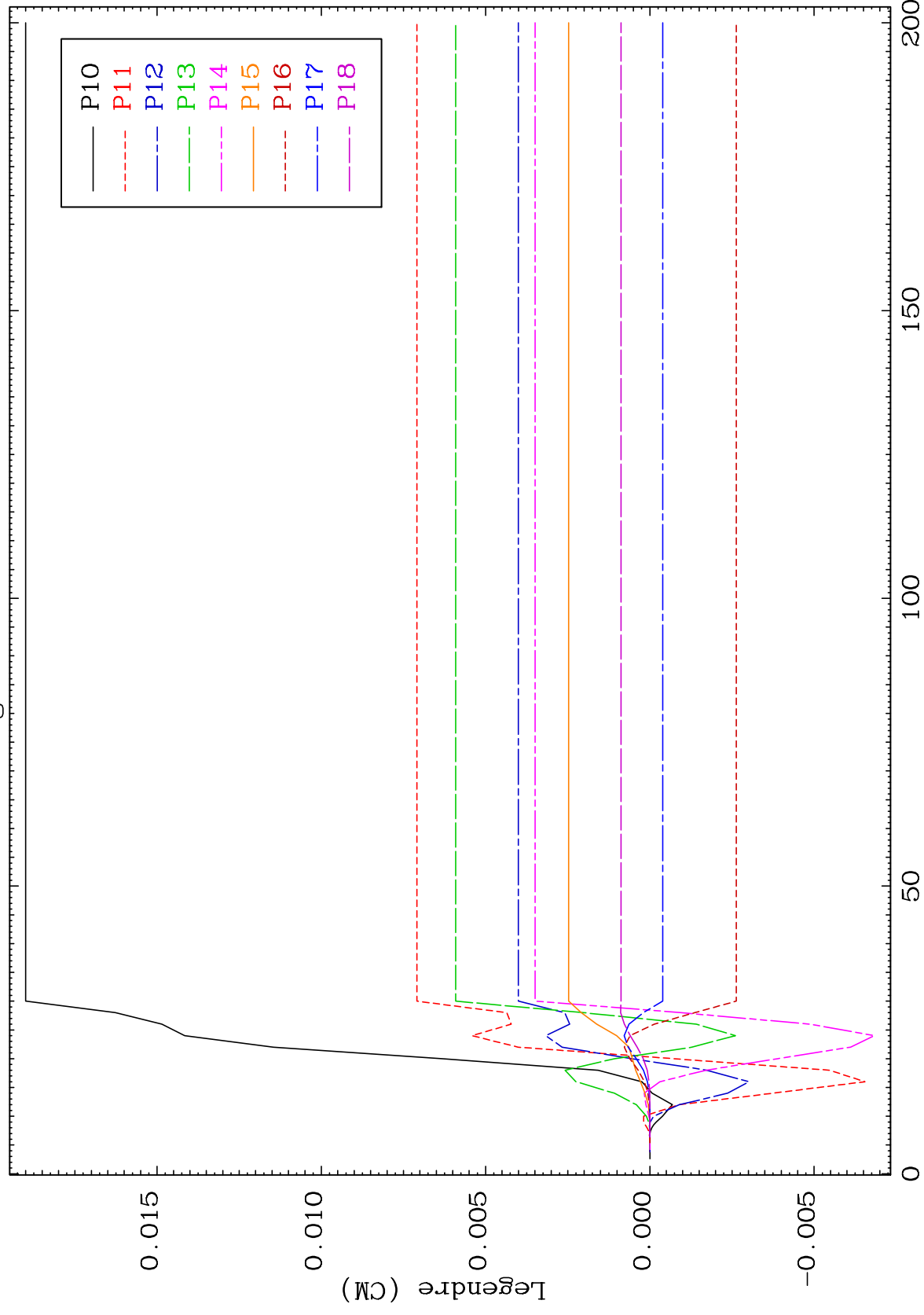
50-Sn-111



MAT 5022

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

50-Sn-111



50-Sn-111

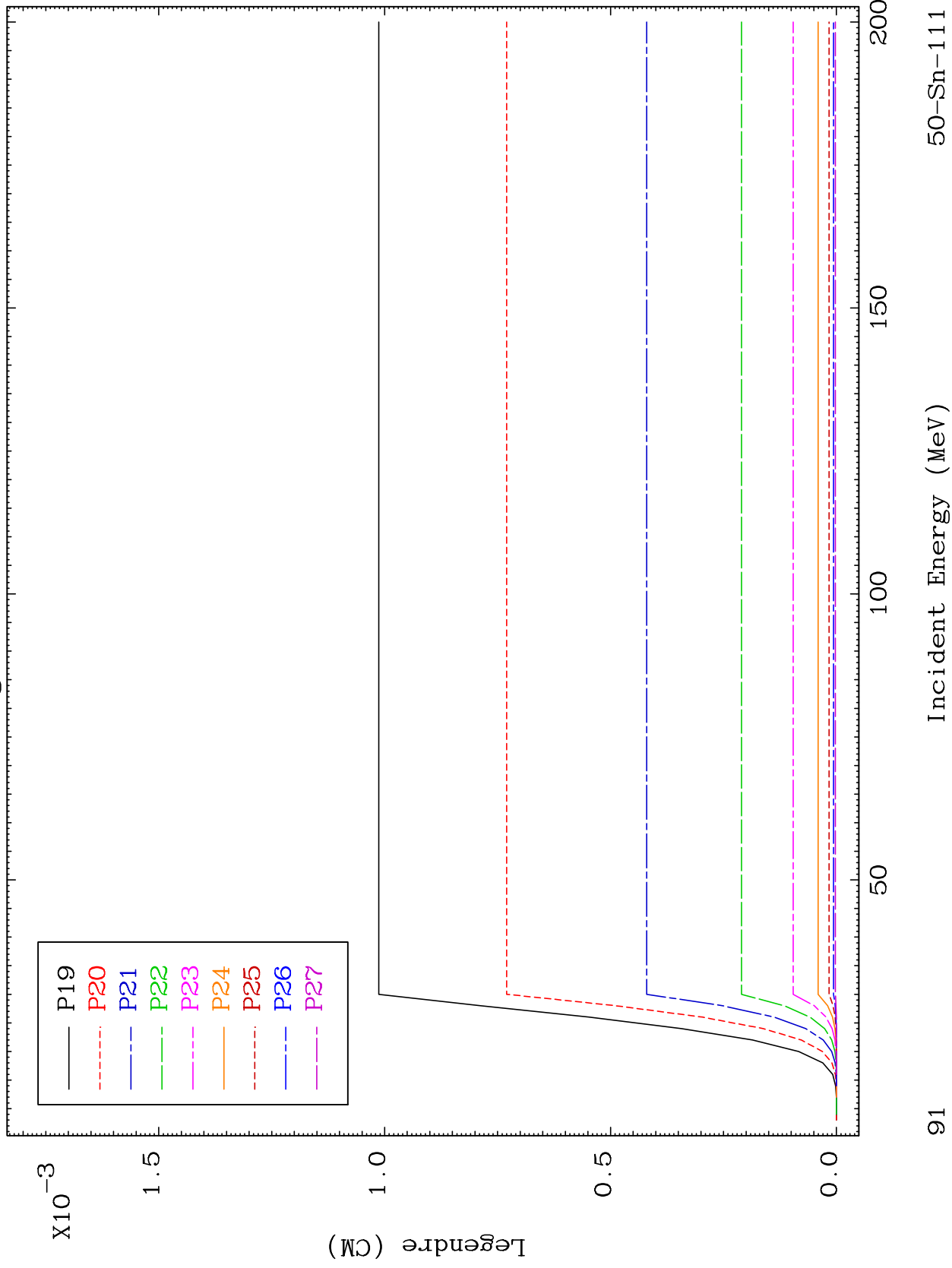
Incident Energy (MeV)

90

MAT 5022

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

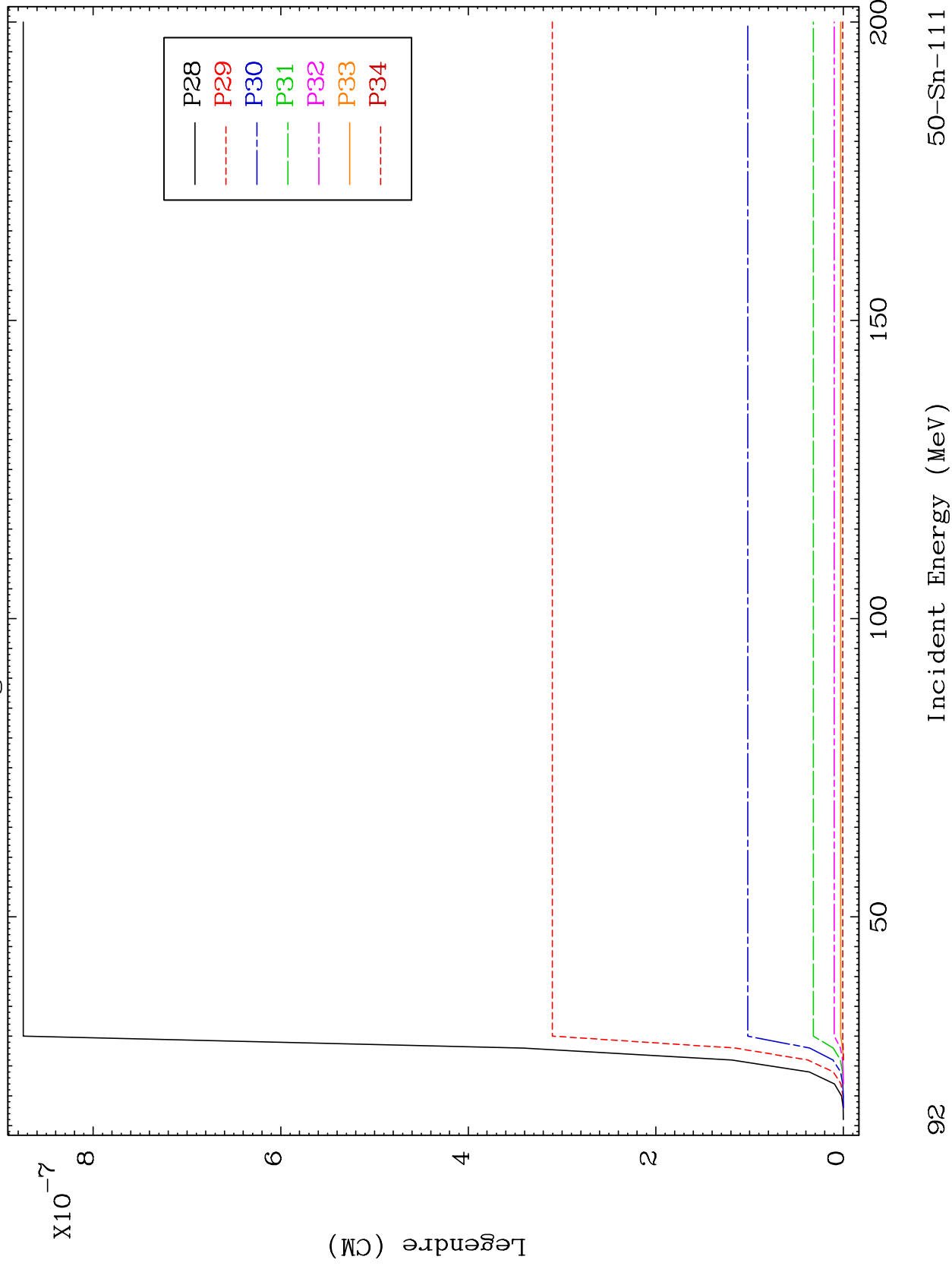
50-Sn-111



MAT 5022

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

50-Sn-111



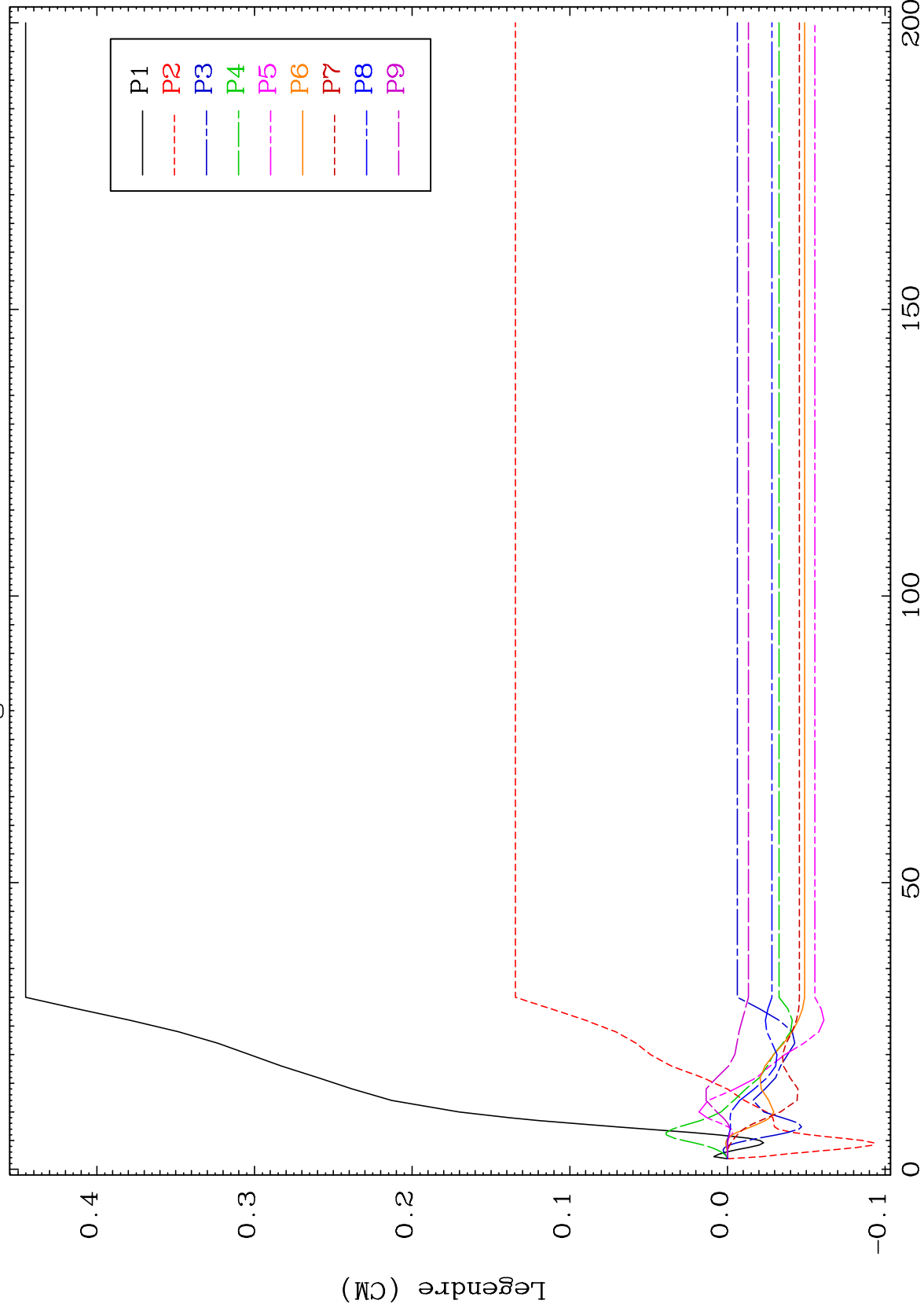
92

50-Sn-111

MAT 5022

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

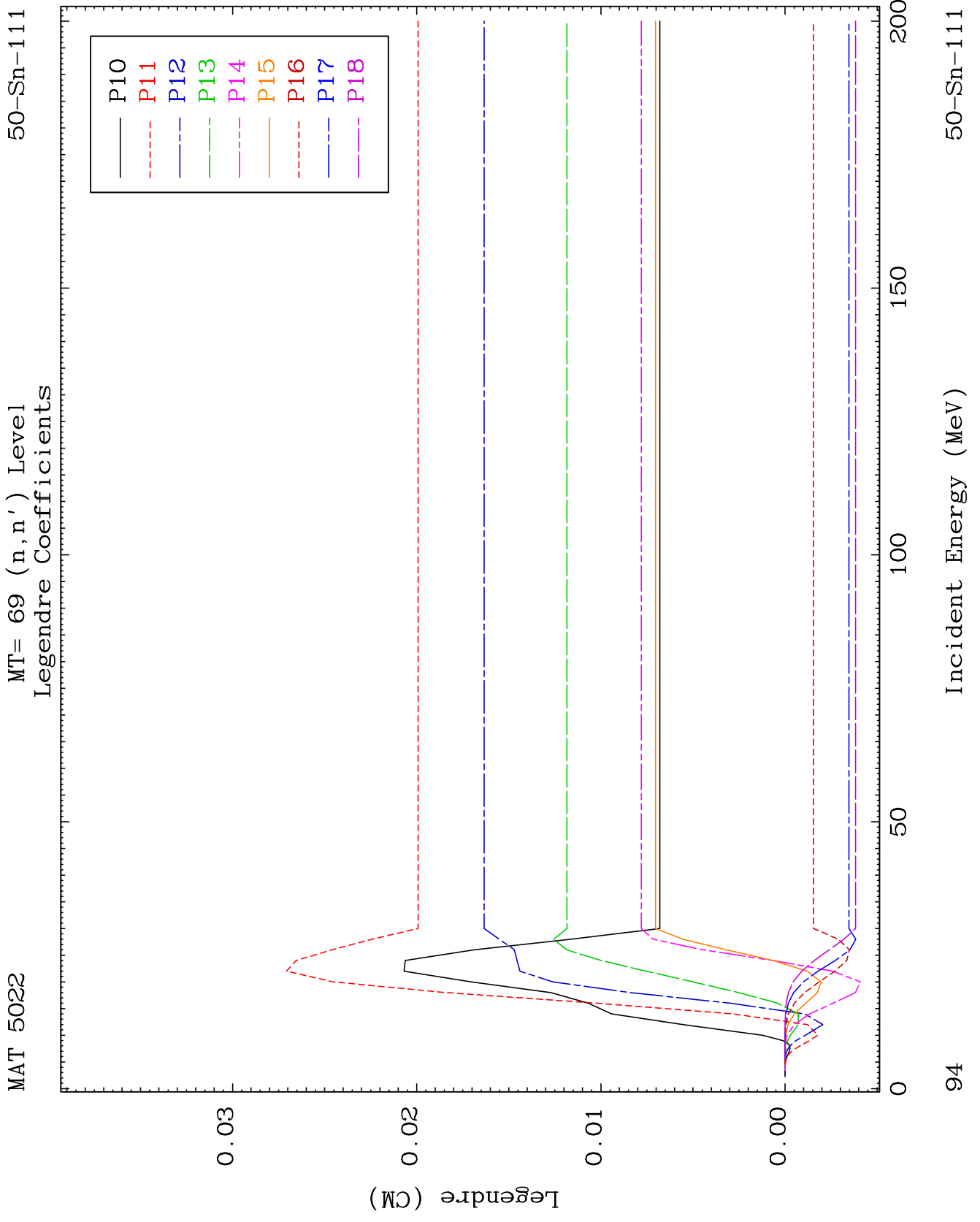
50-Sn-111

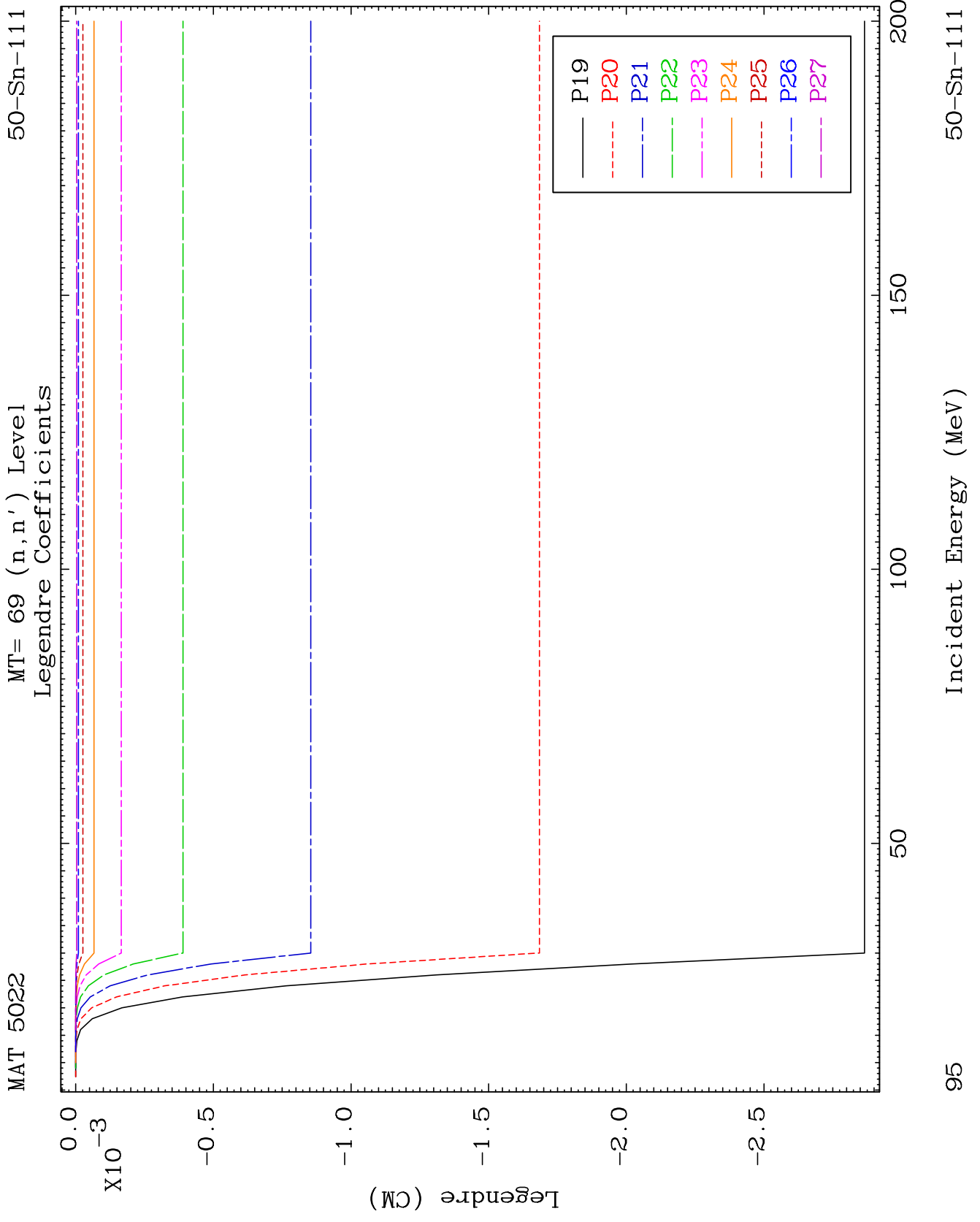


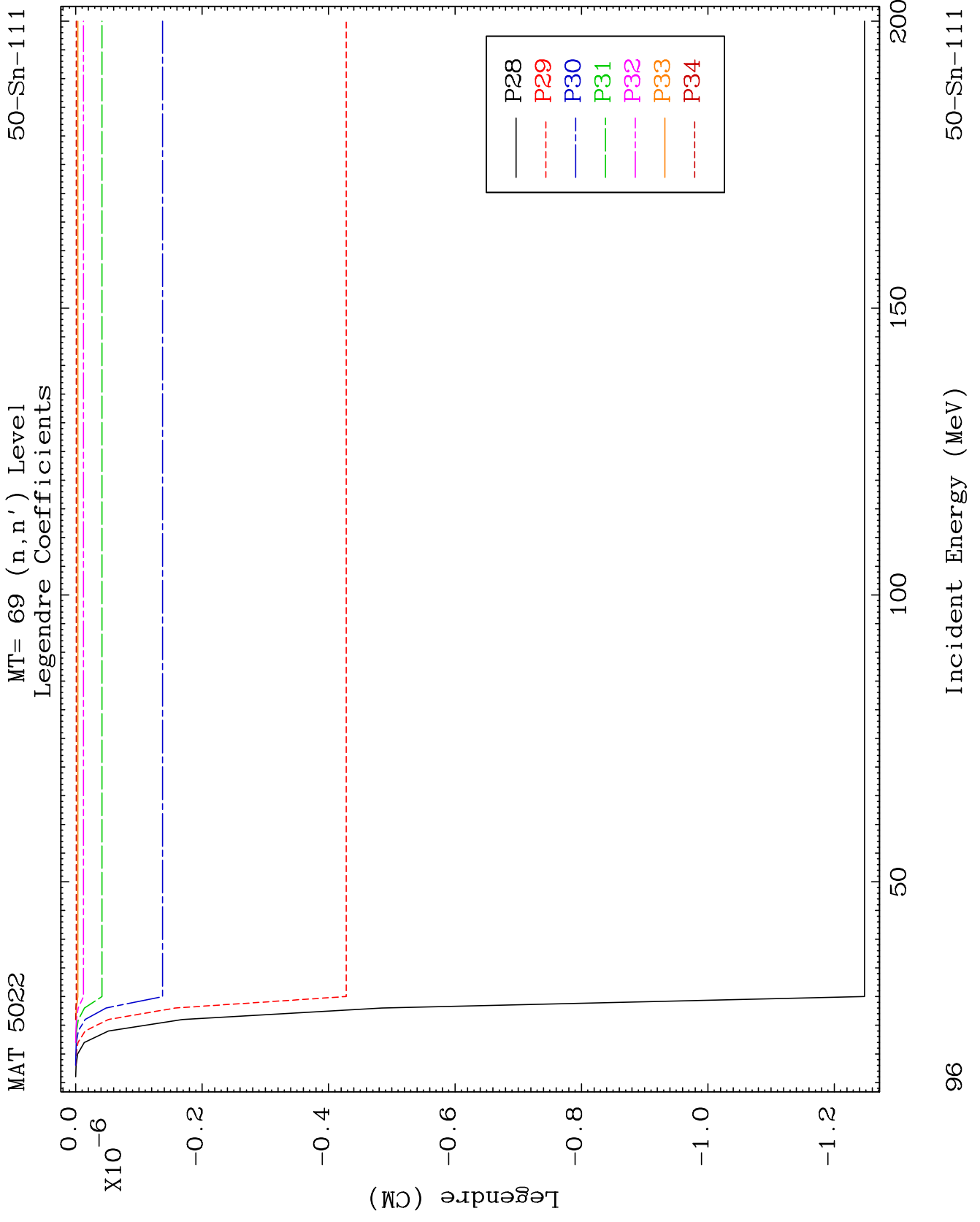
93

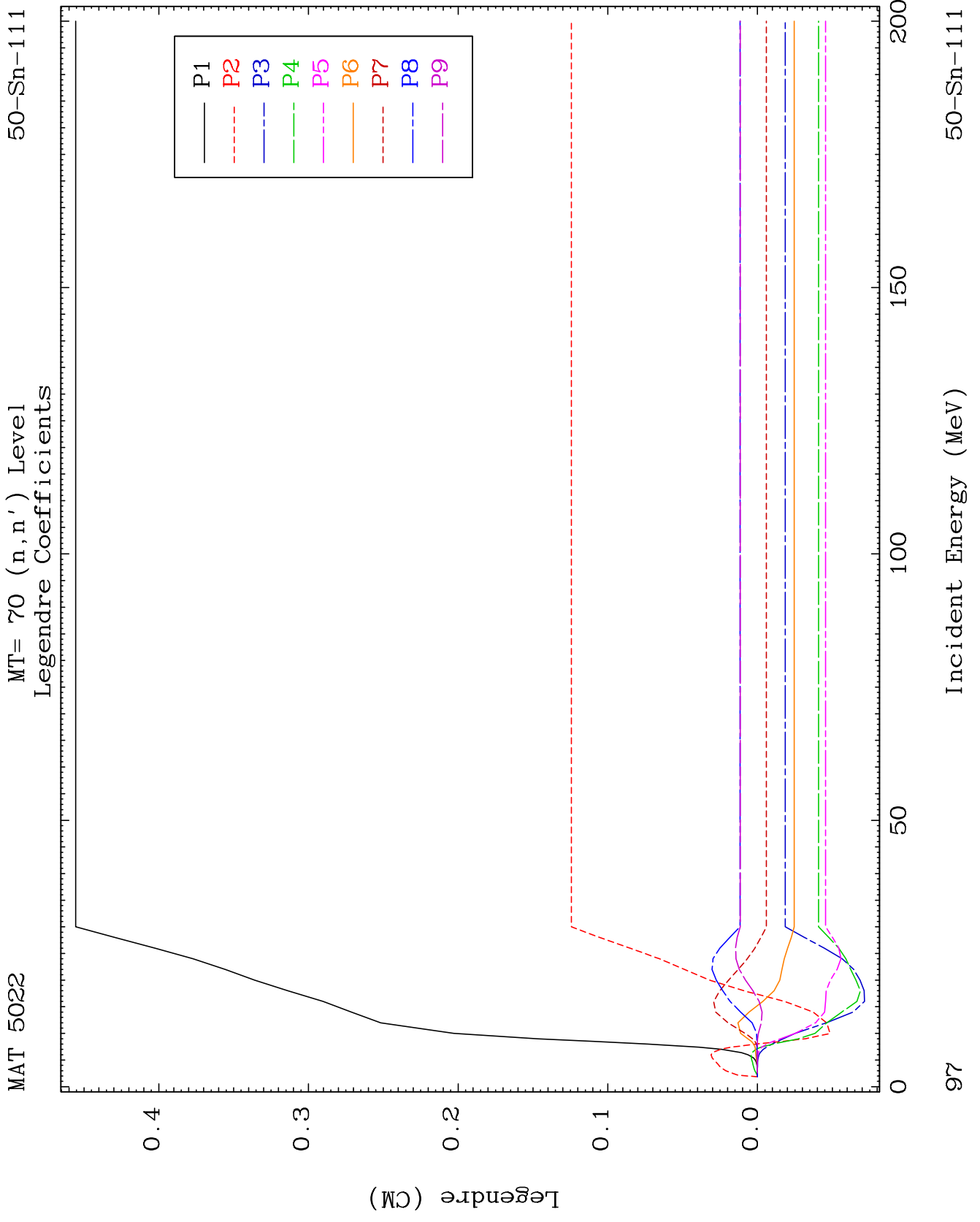
Incident Energy (MeV)

50-Sn-111





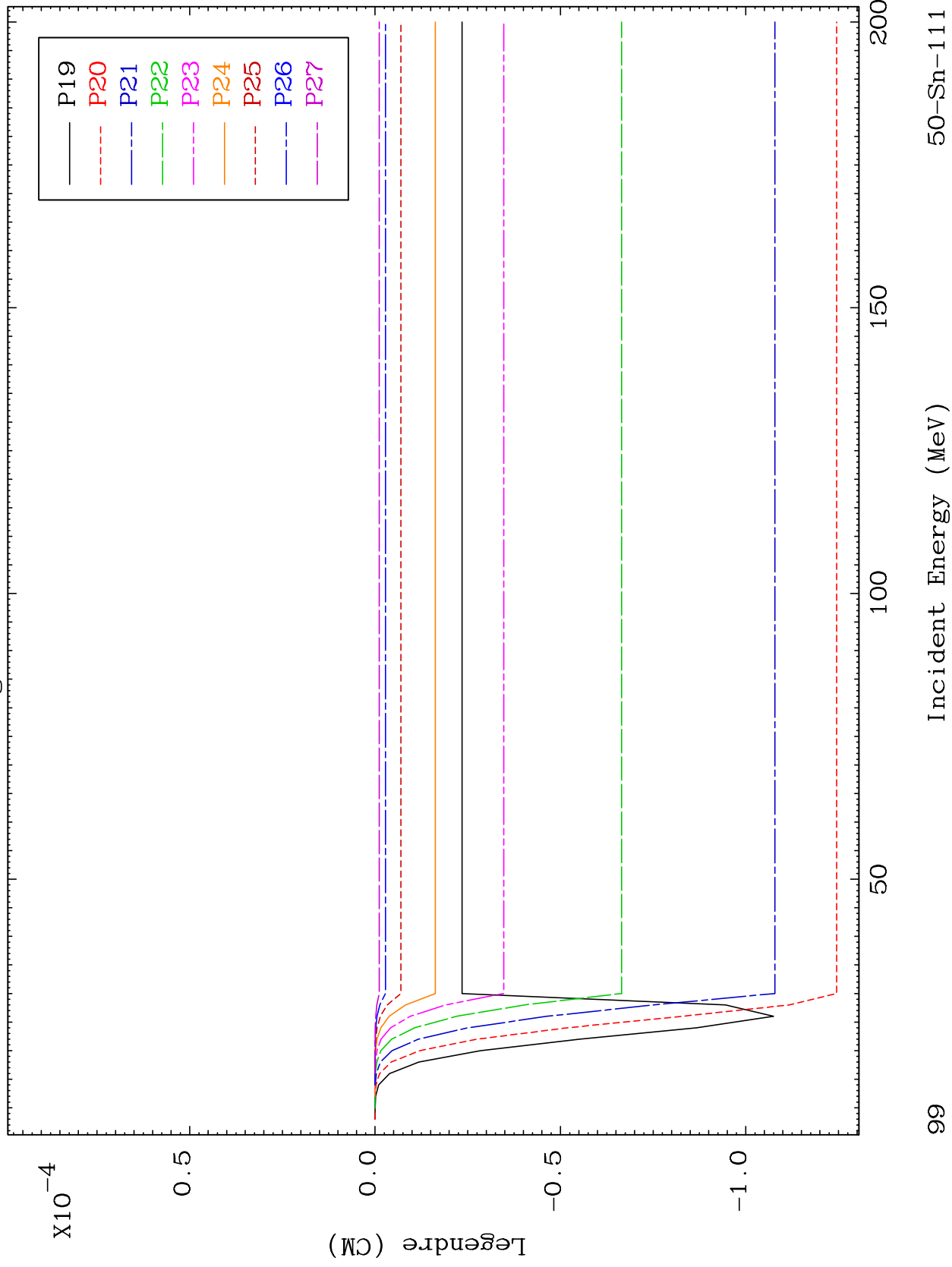


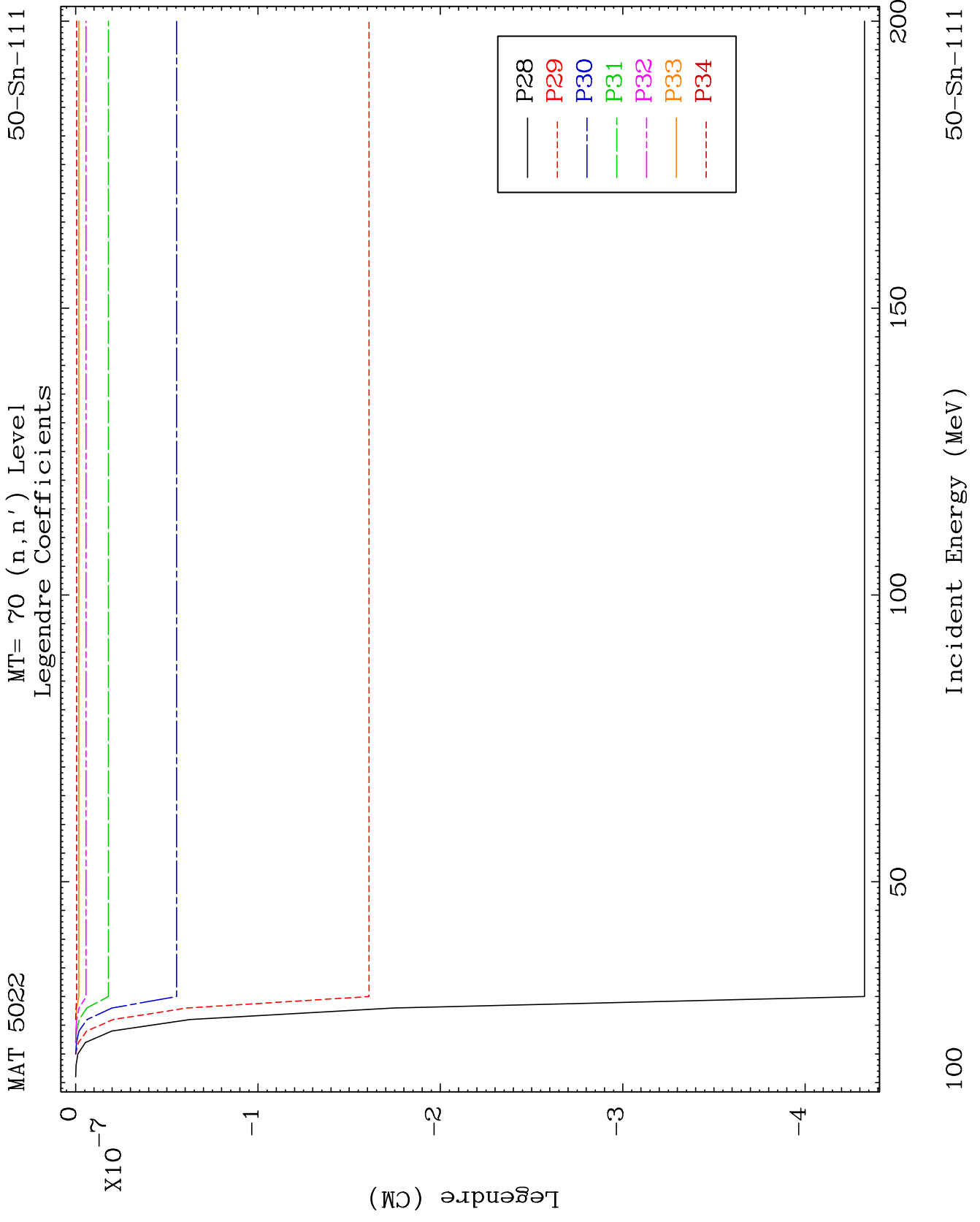


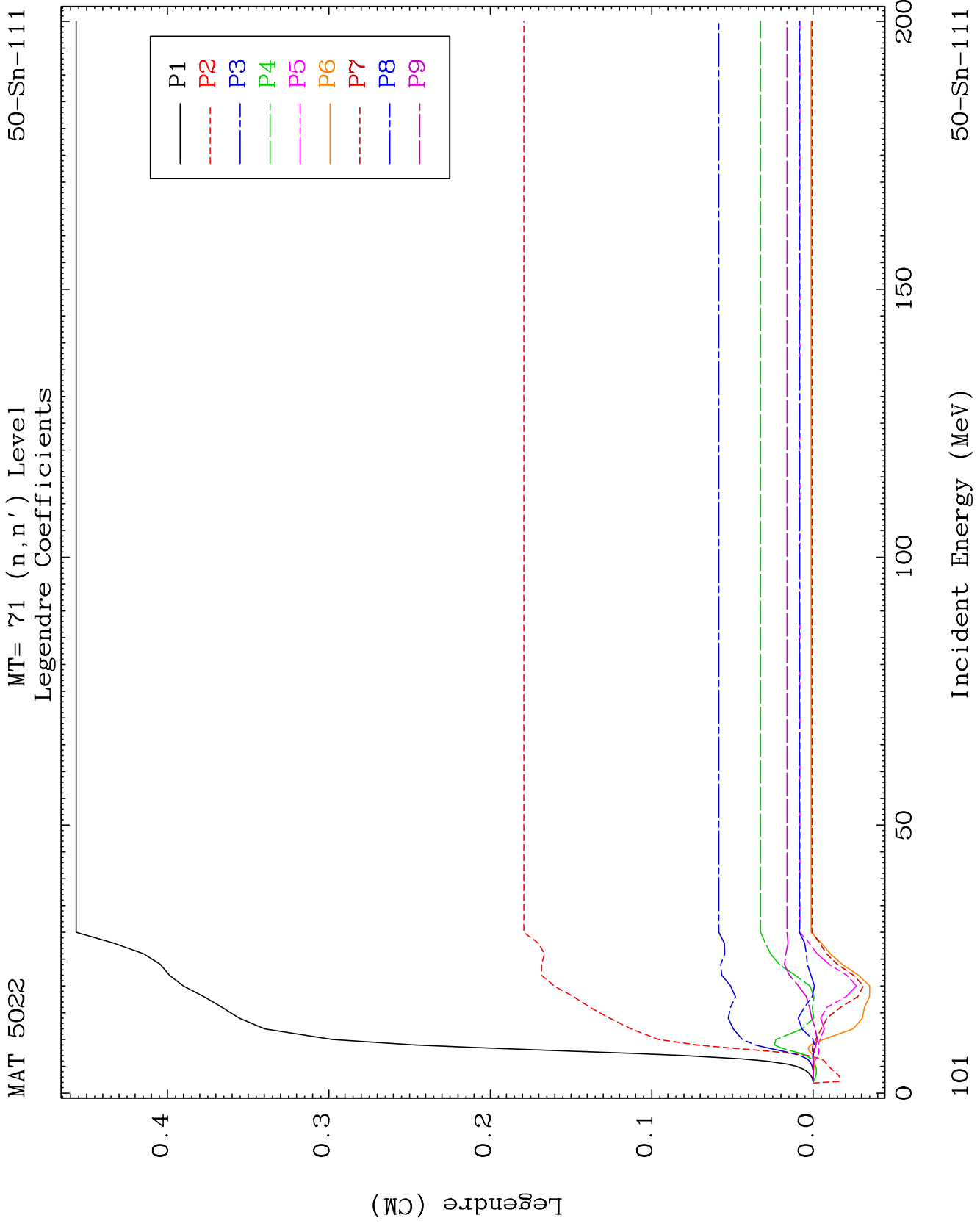
MAT 5022

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

50-Sn-111



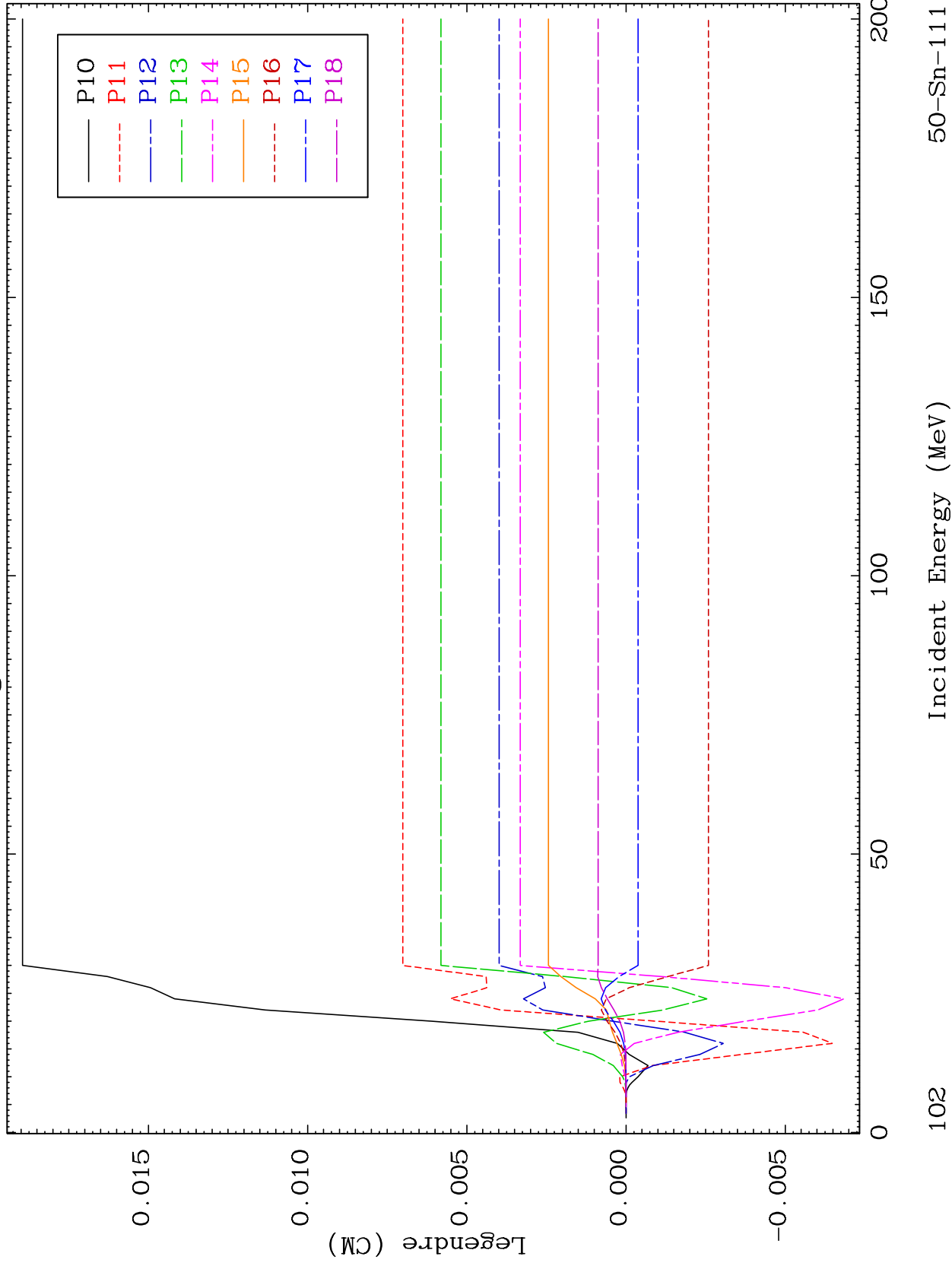




MAT 5022

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

50-Sn-111



50-Sn-111

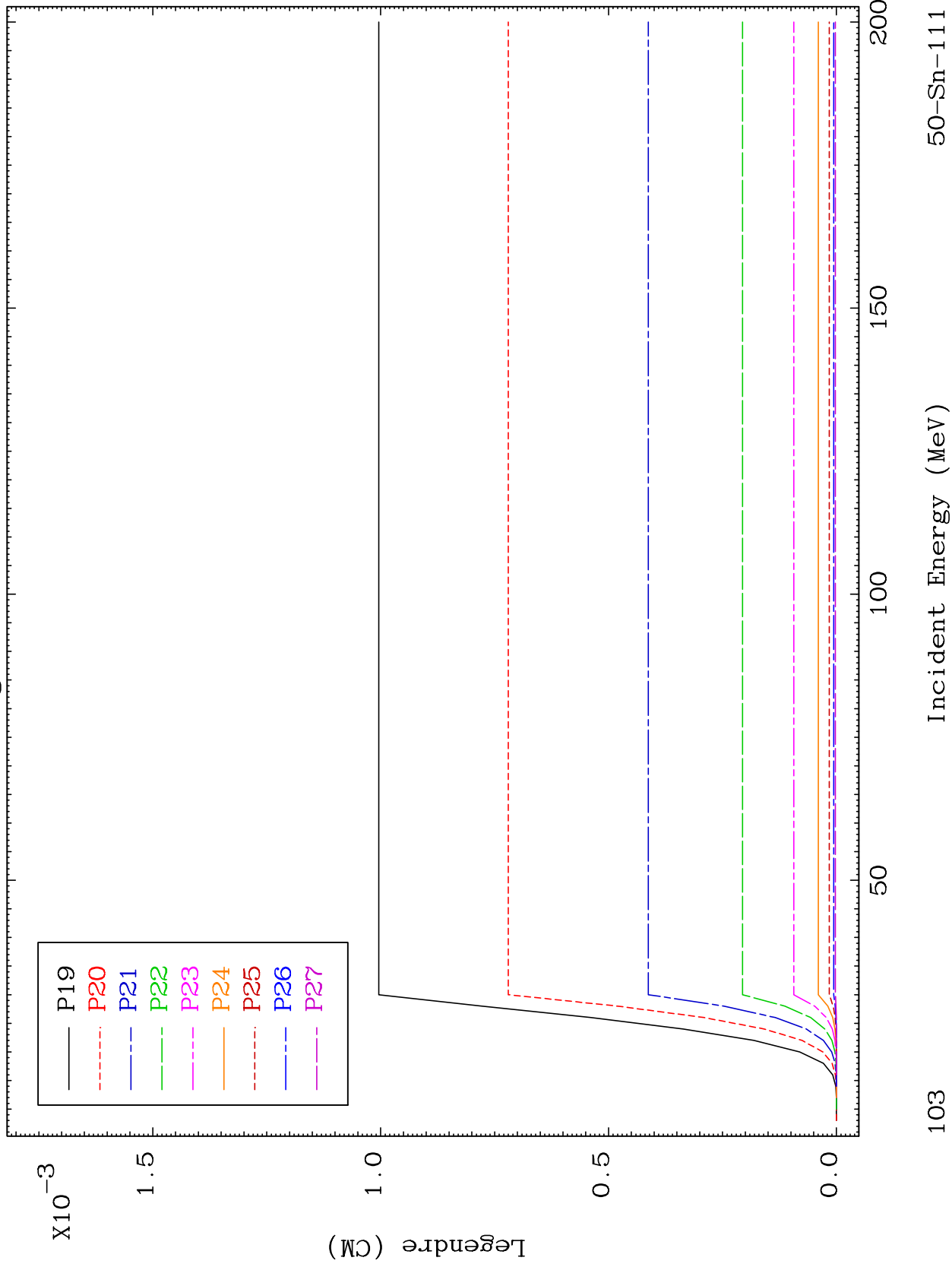
Incident Energy (MeV)

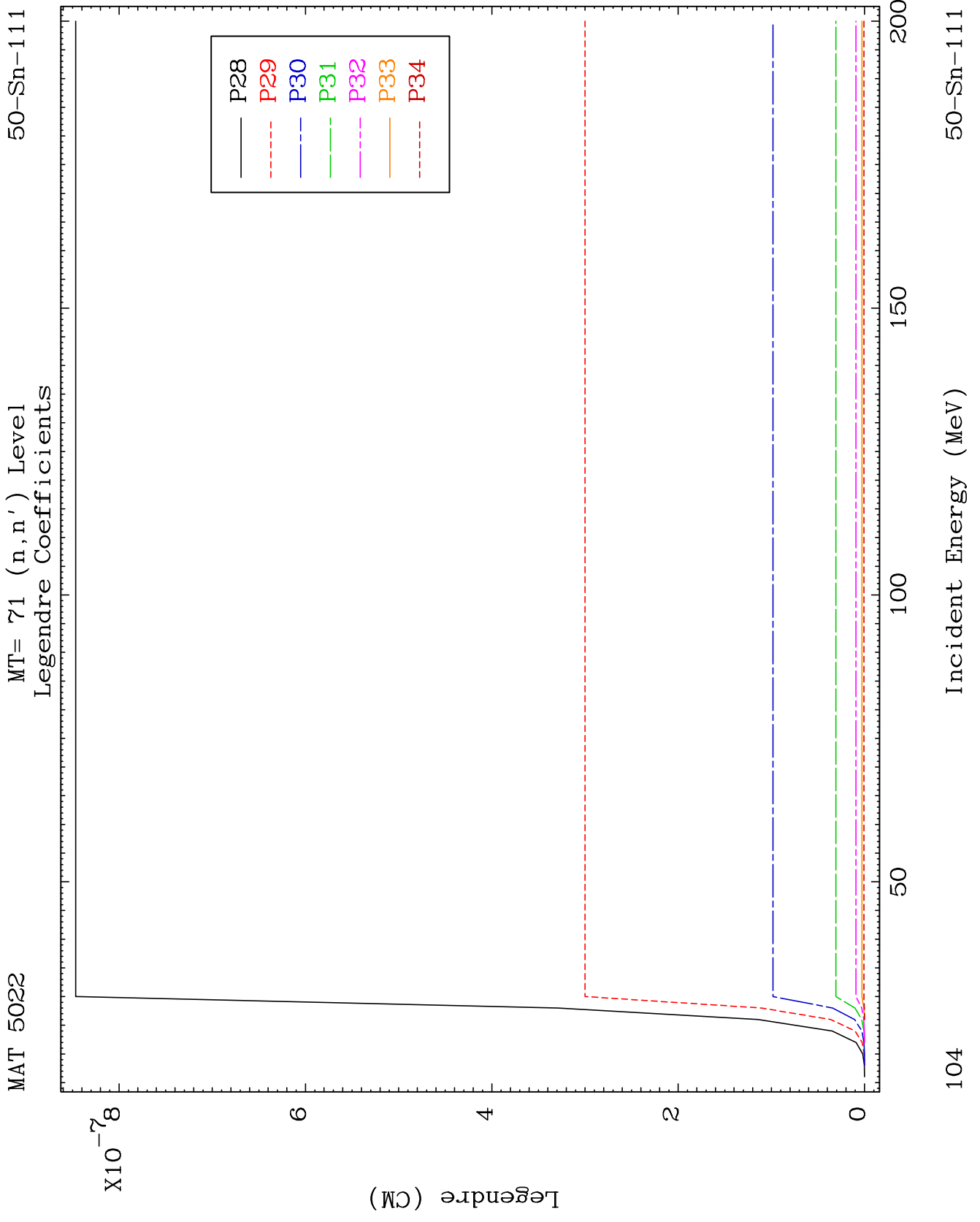
102

MAT 5022

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

50-Sn-111

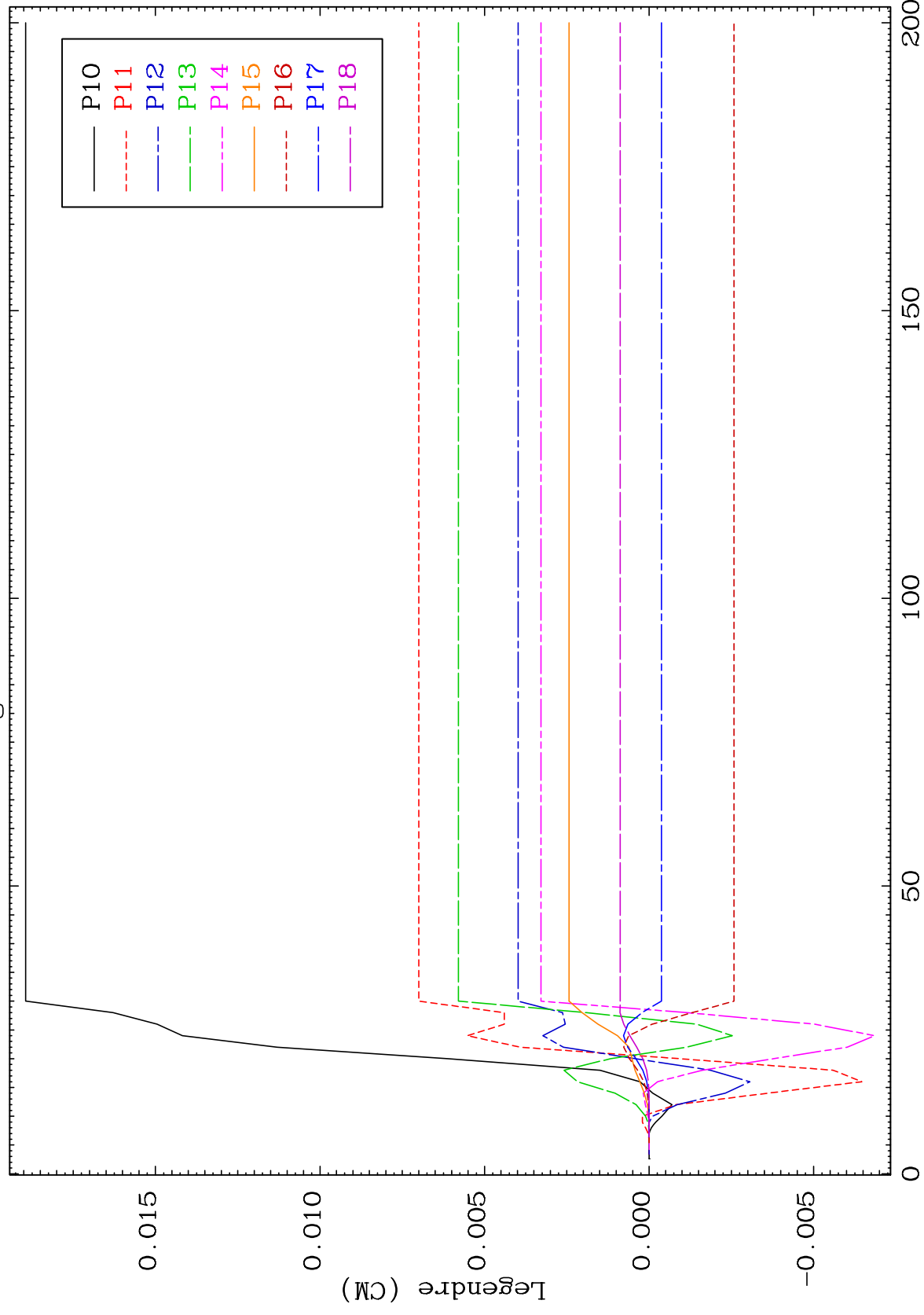




MAT 5022

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

50-Sn-111



50-Sn-111

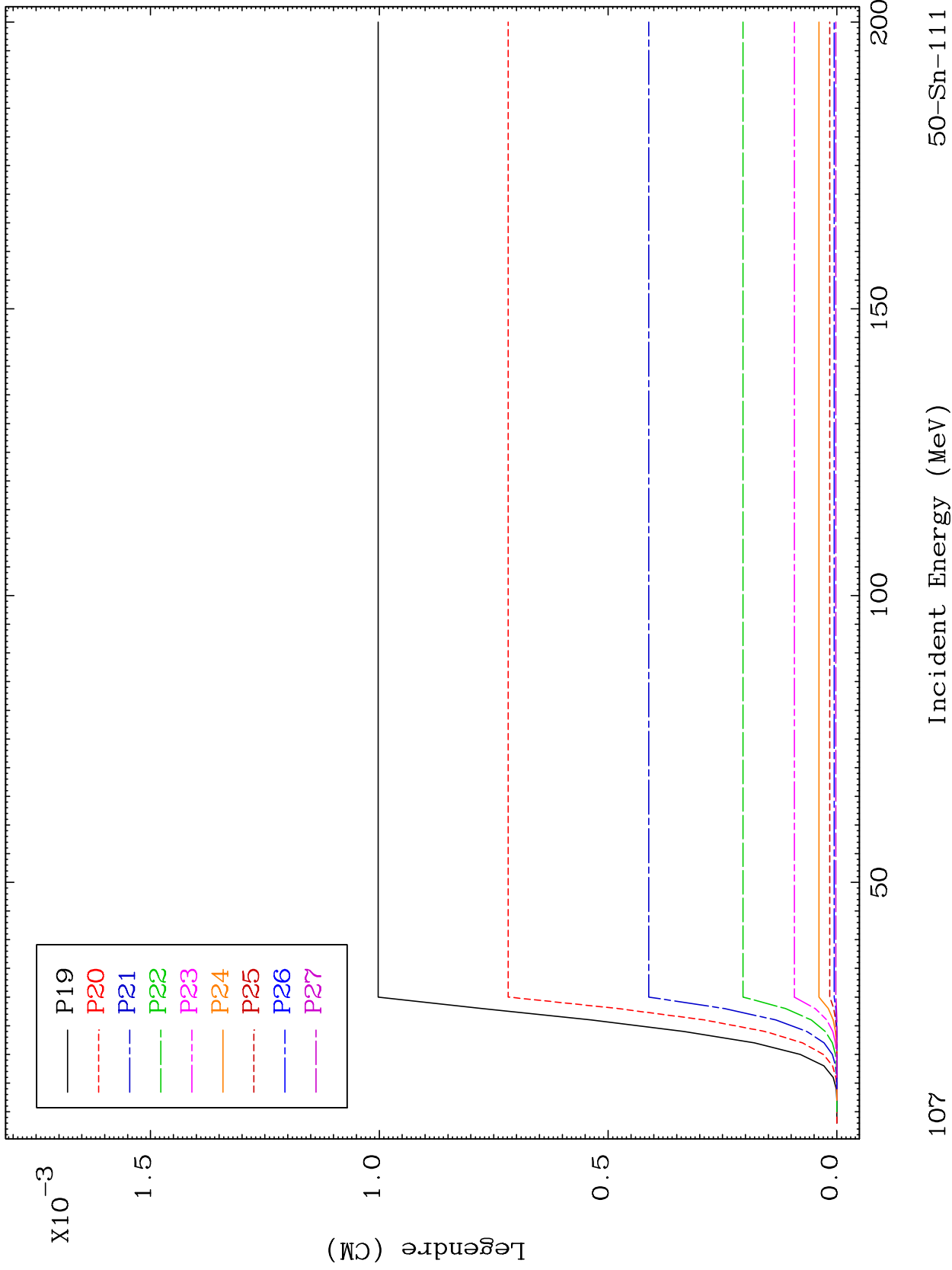
Incident Energy (MeV)

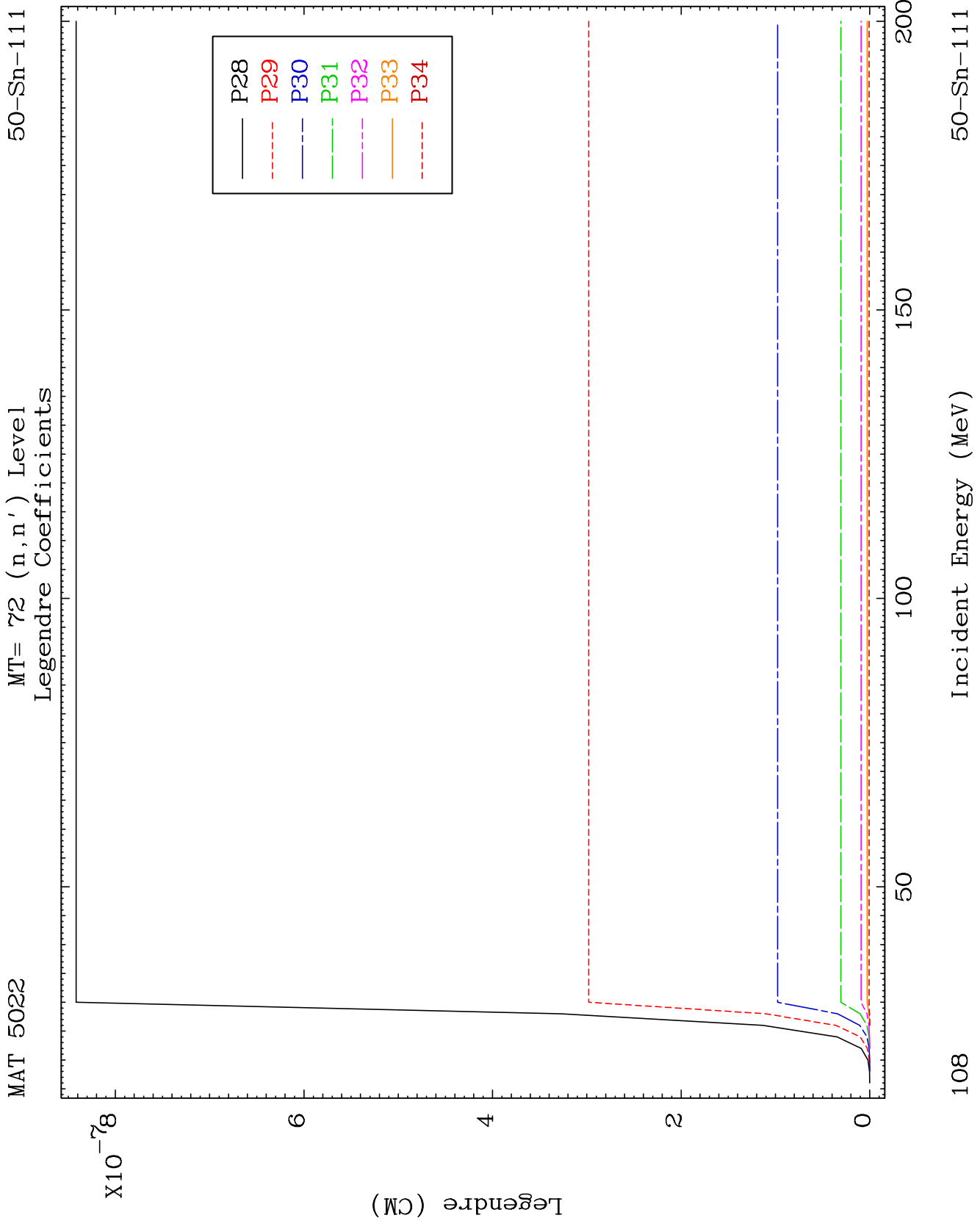
106

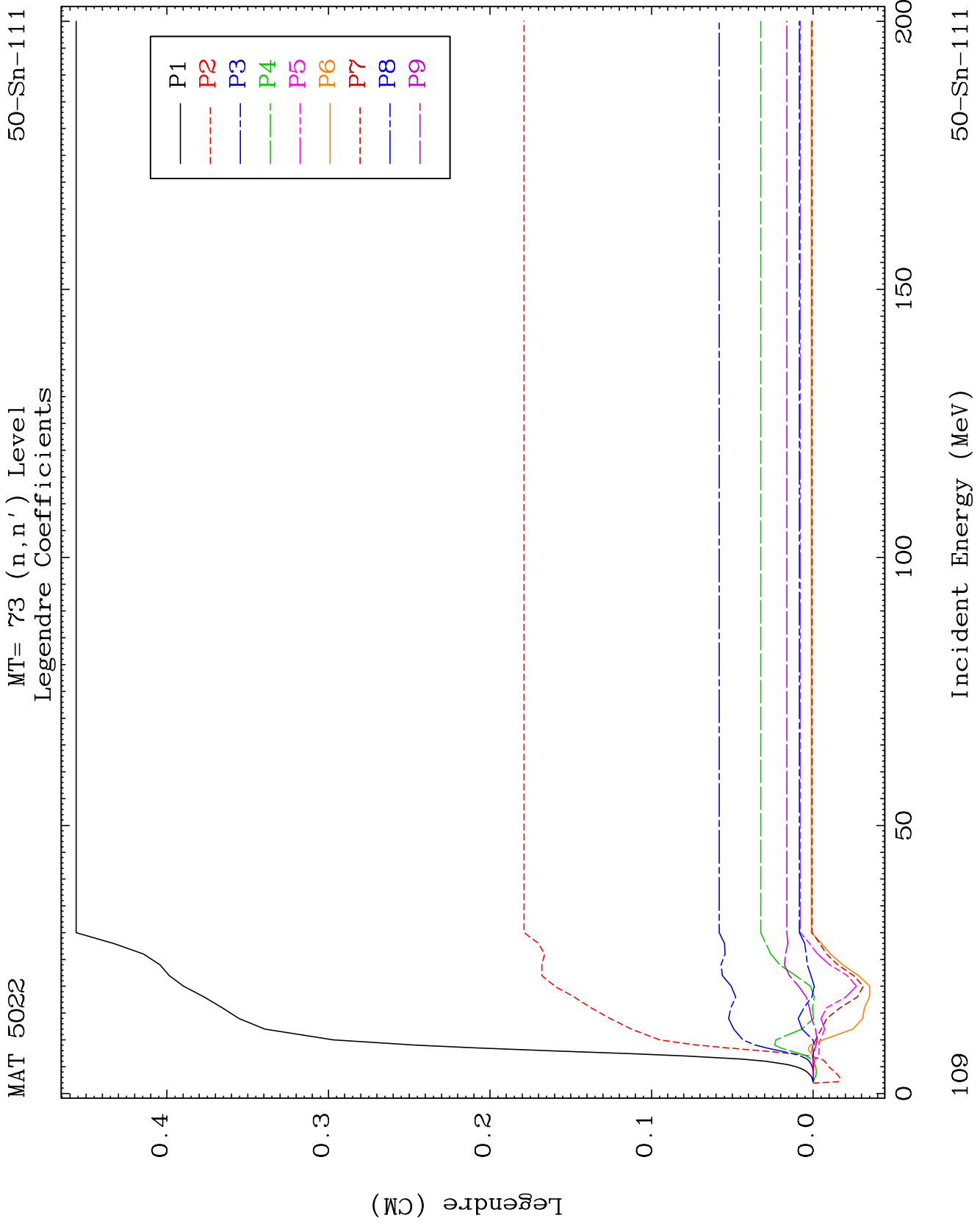
MAT 5022

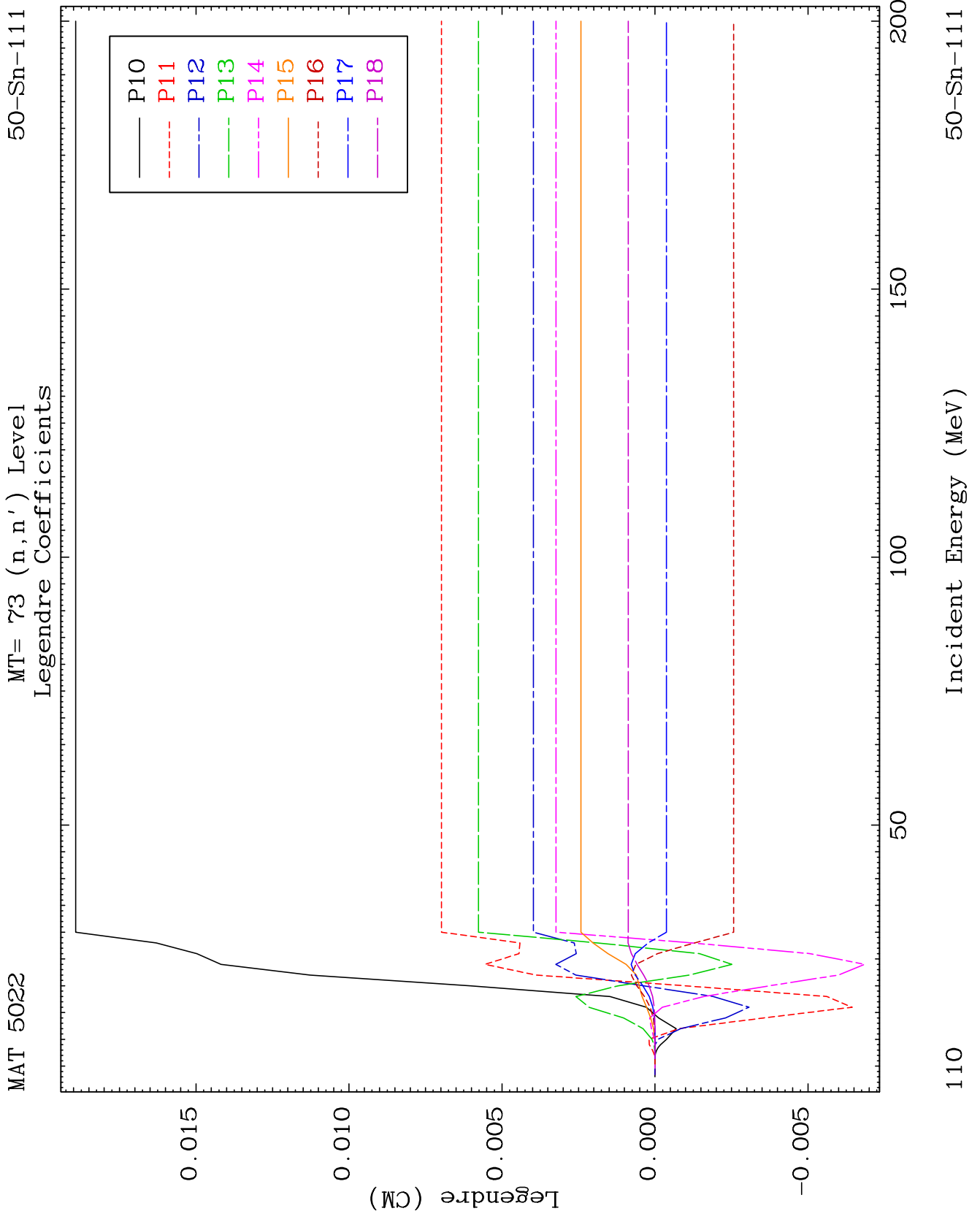
MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-111





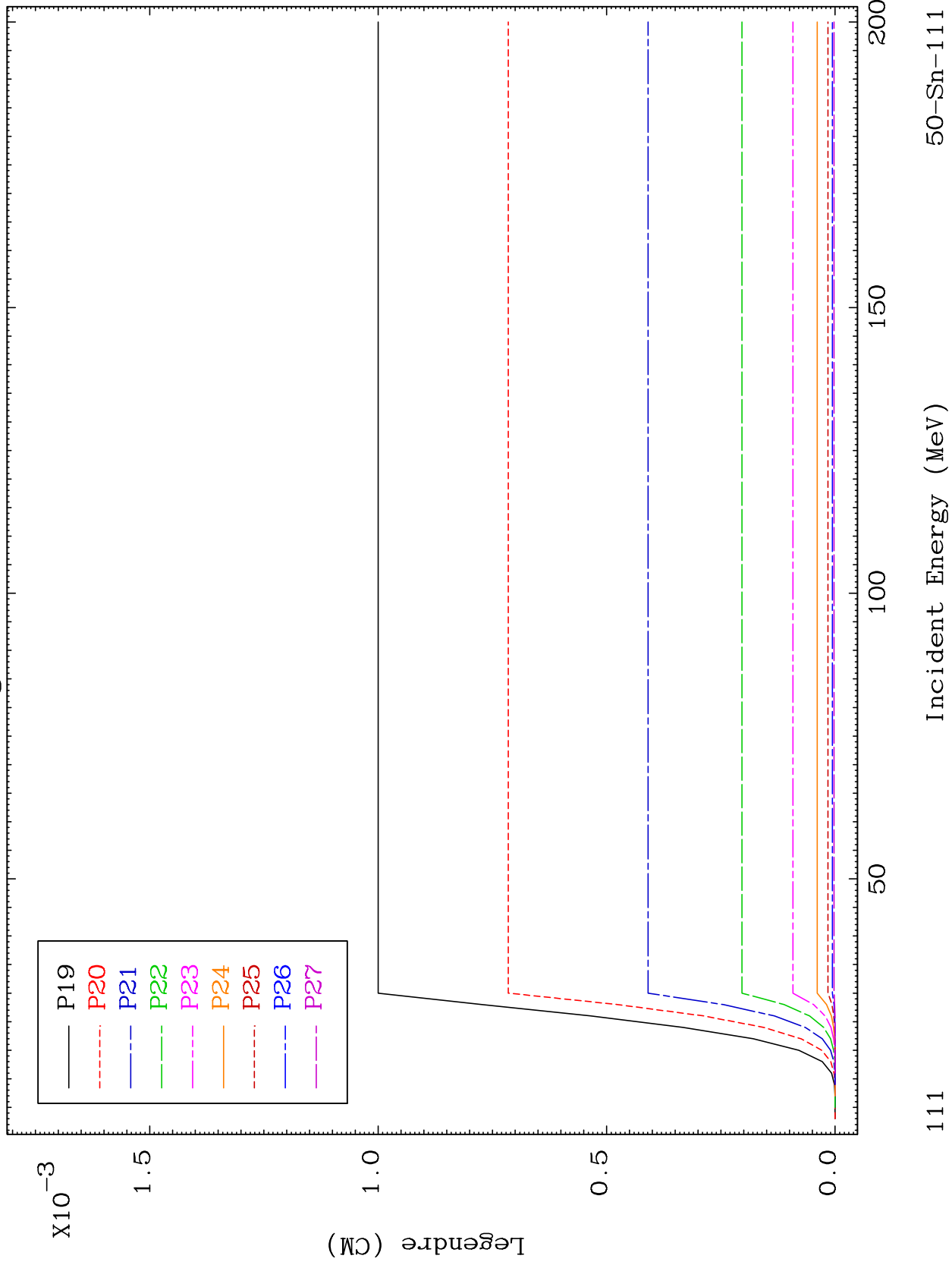


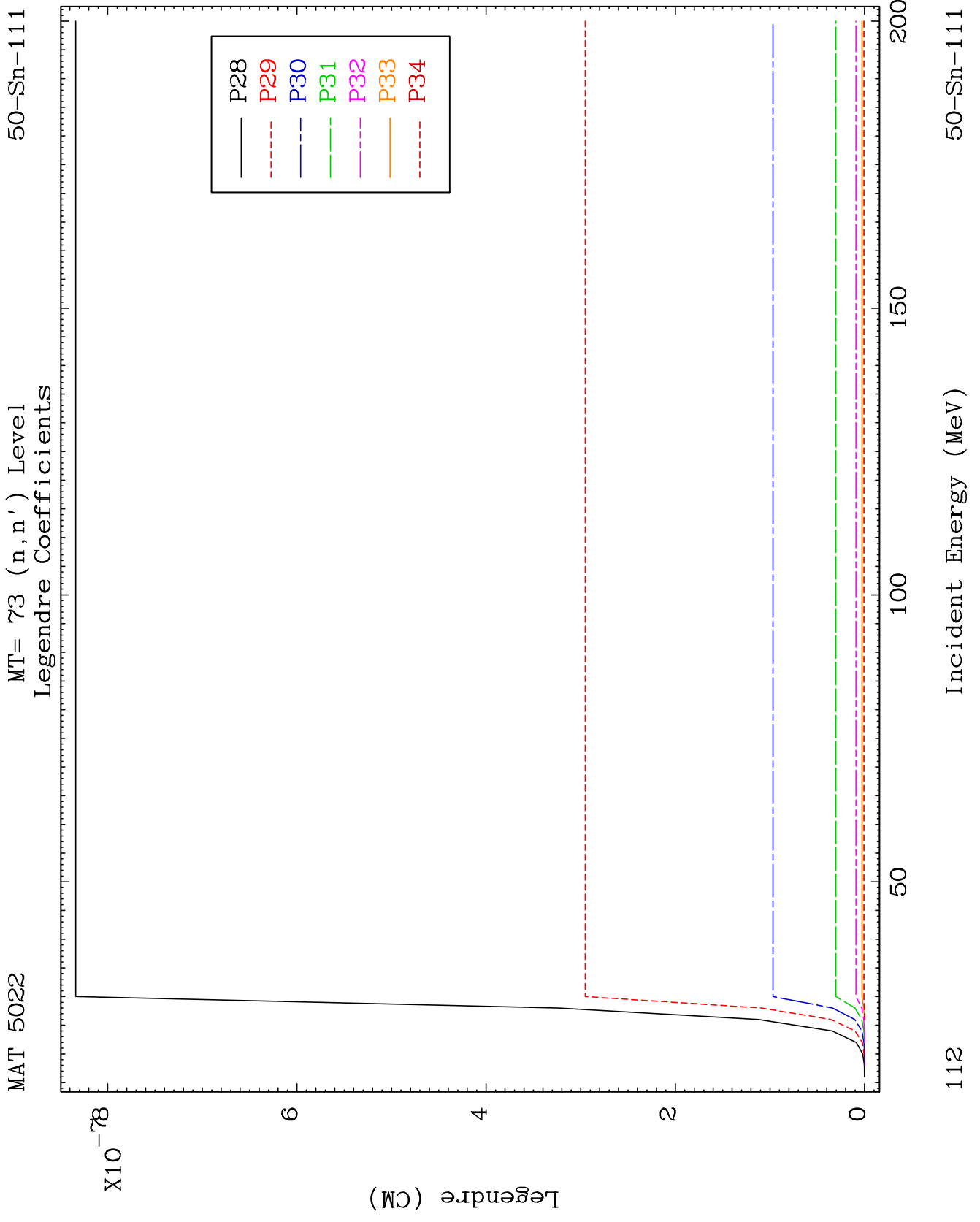


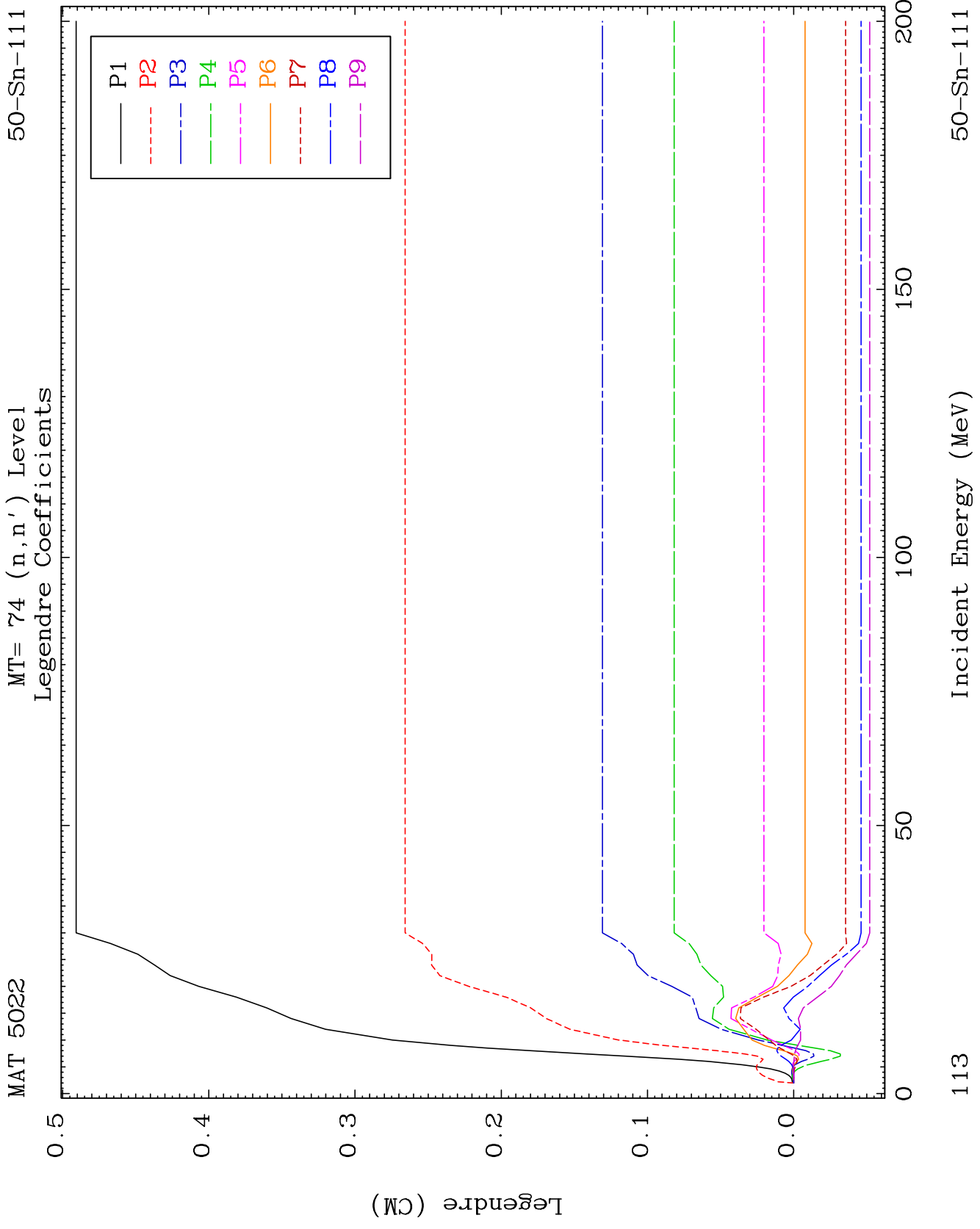
MAT 5022

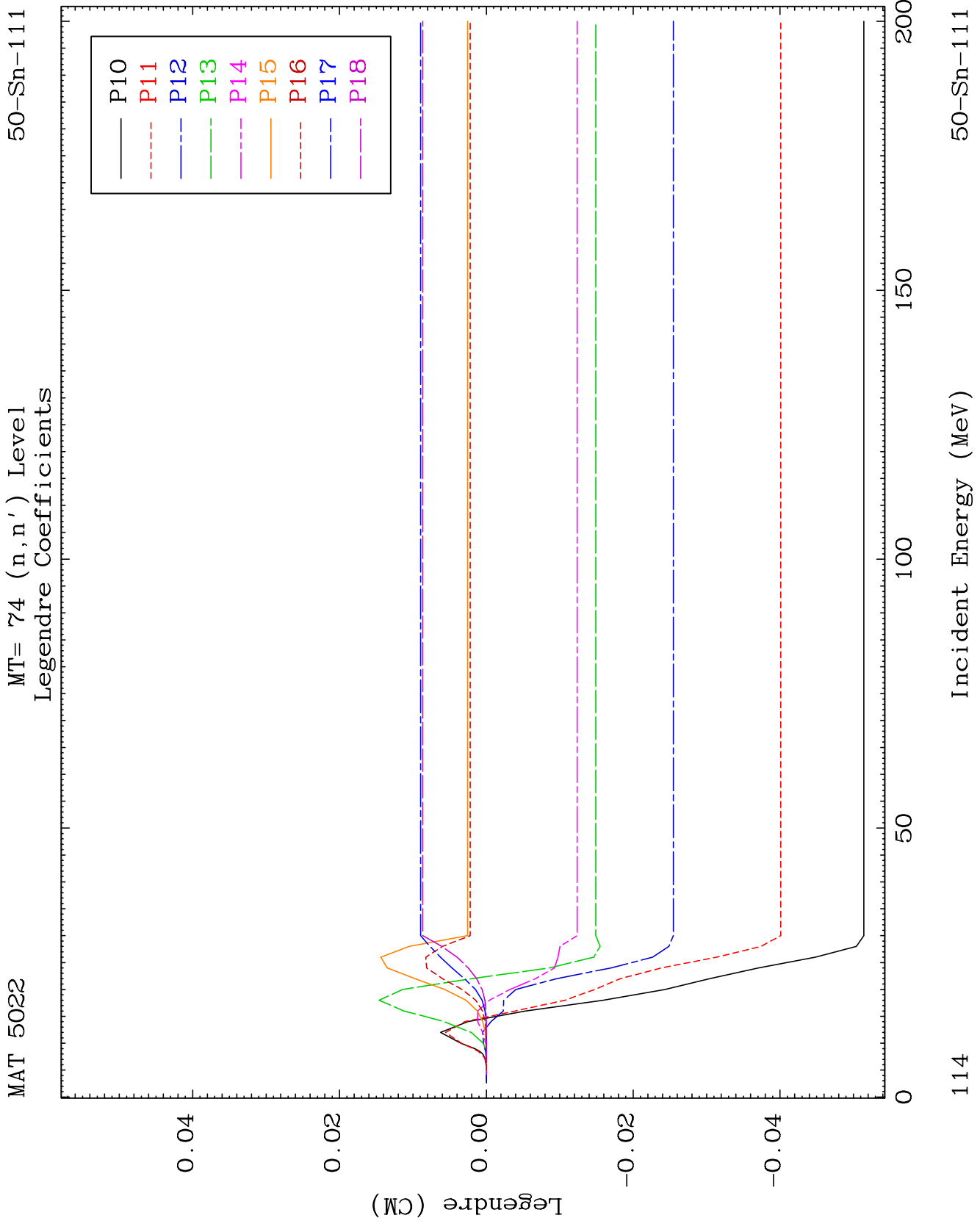
MT= 73 (n,n') Level
Legendre Coefficients

50-Sn-111





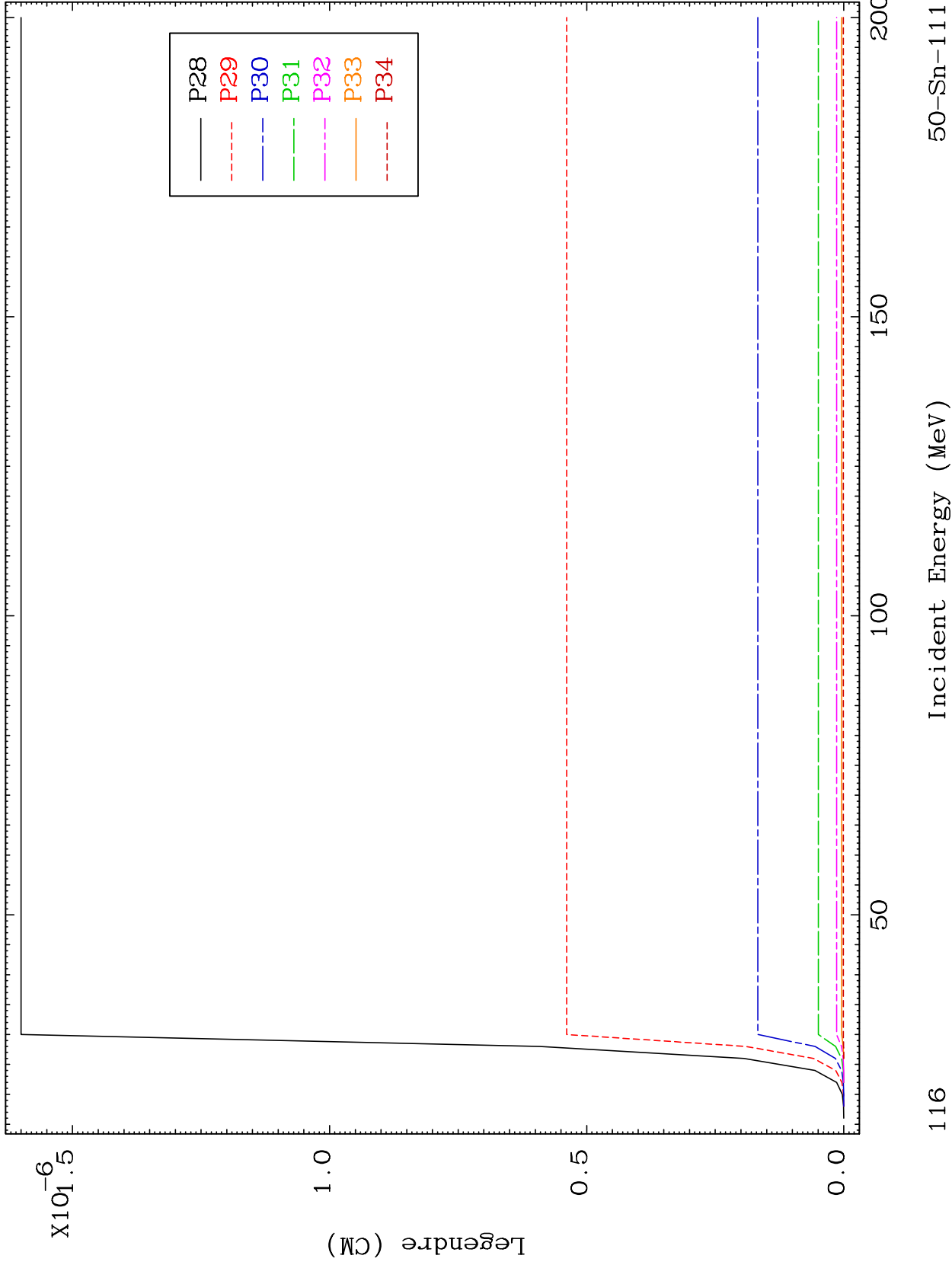




MAT 5022

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

50-Sn-111



116

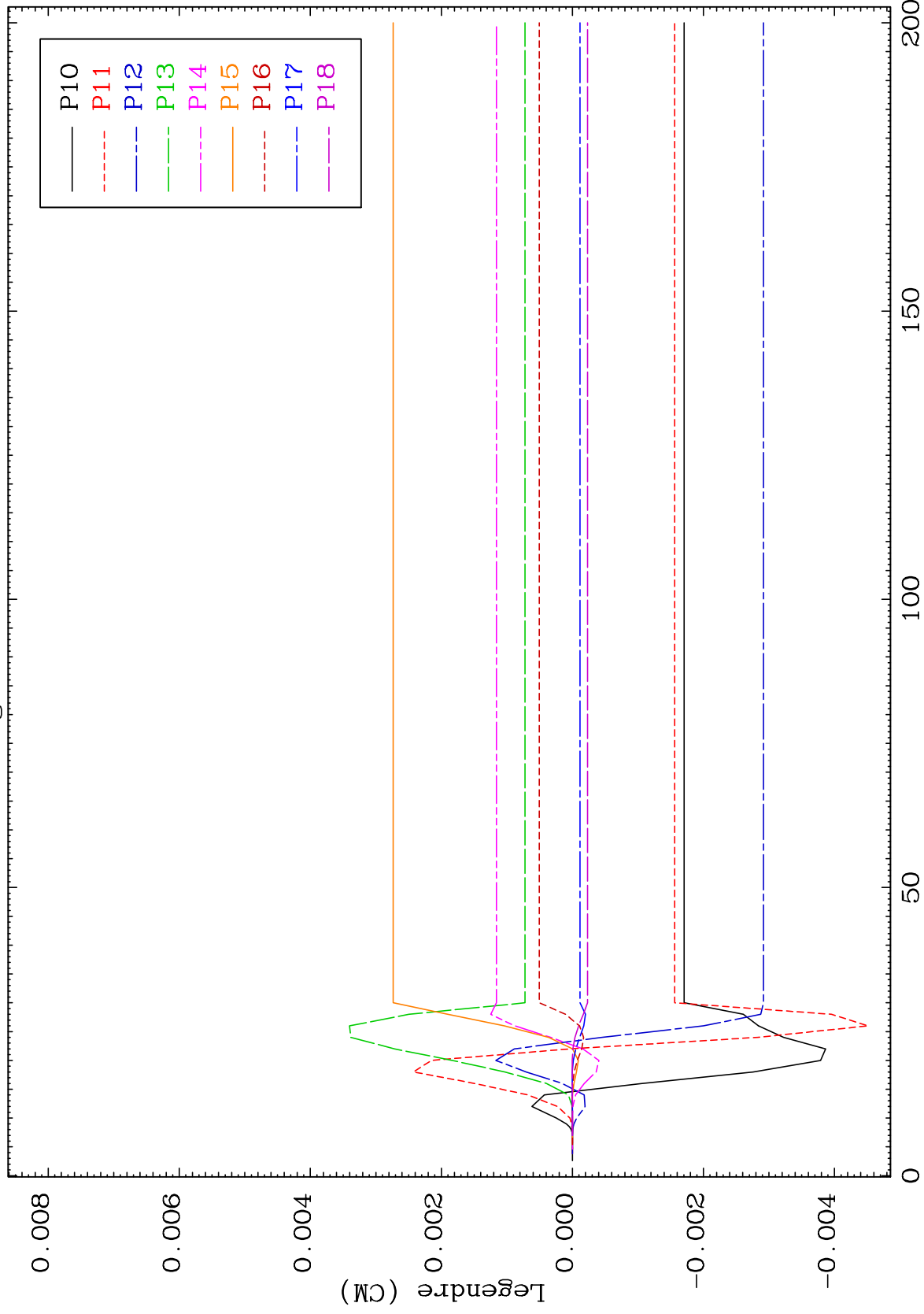
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

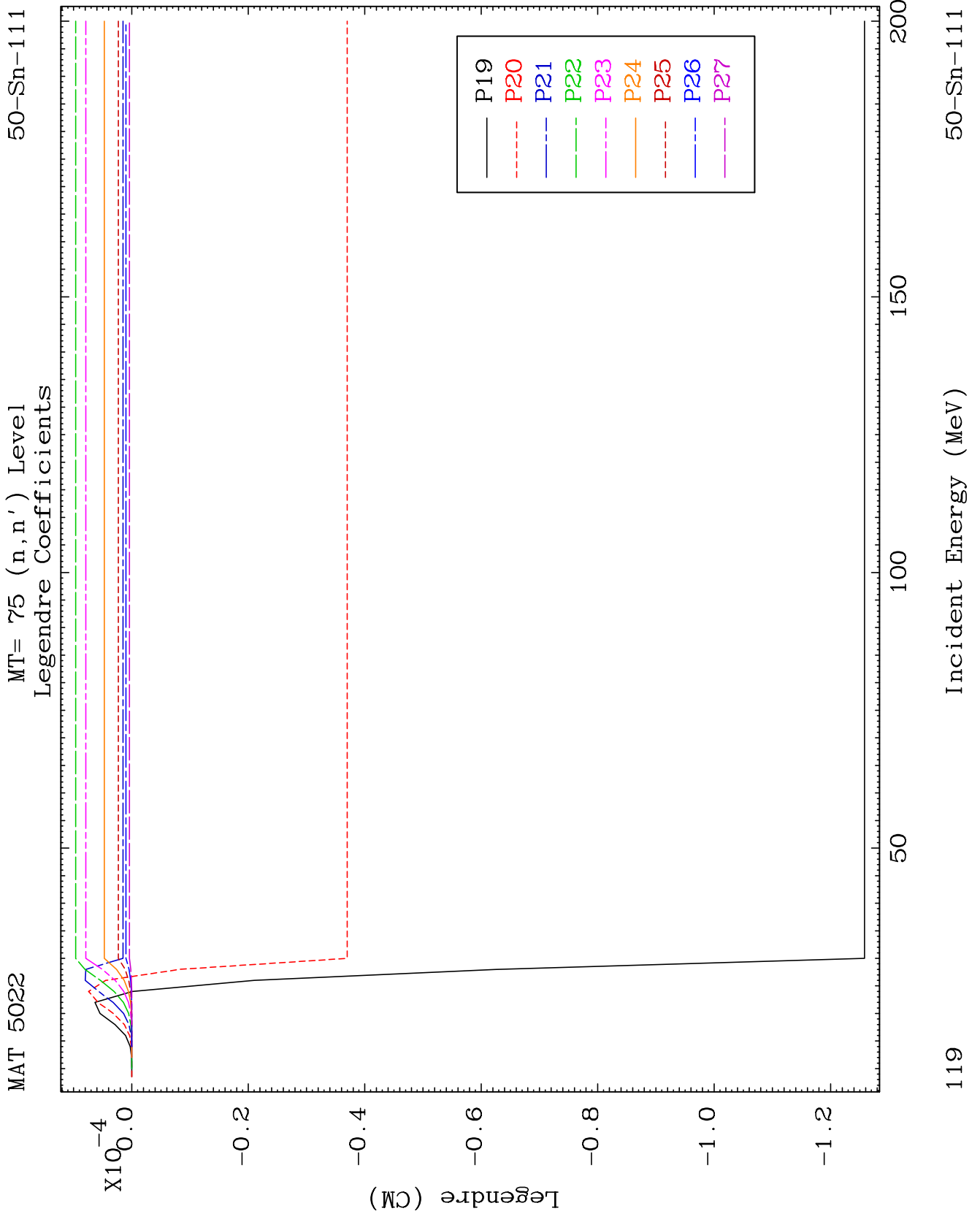
50-Sn-111



118

Incident Energy (MeV)

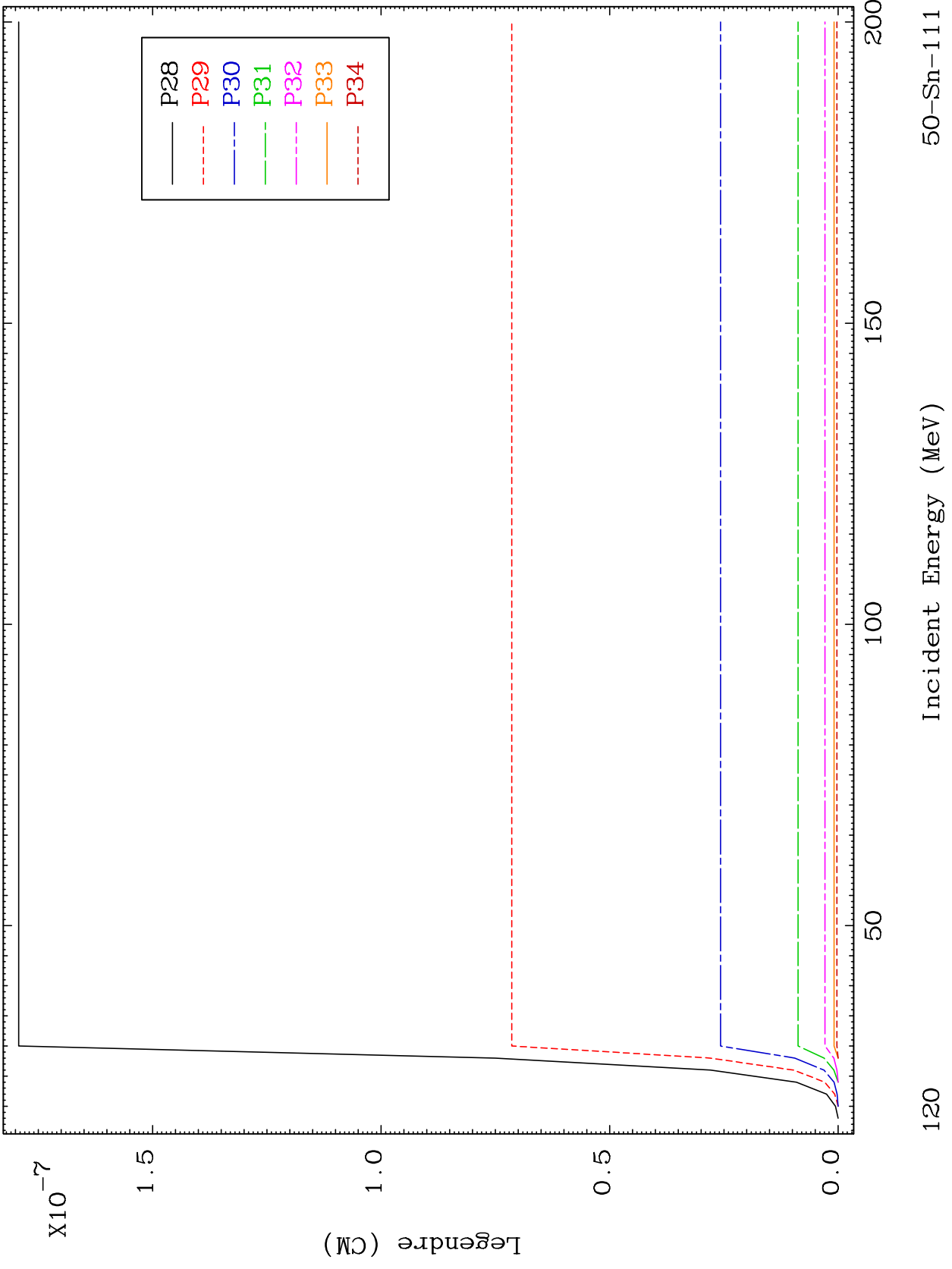
50-Sn-111

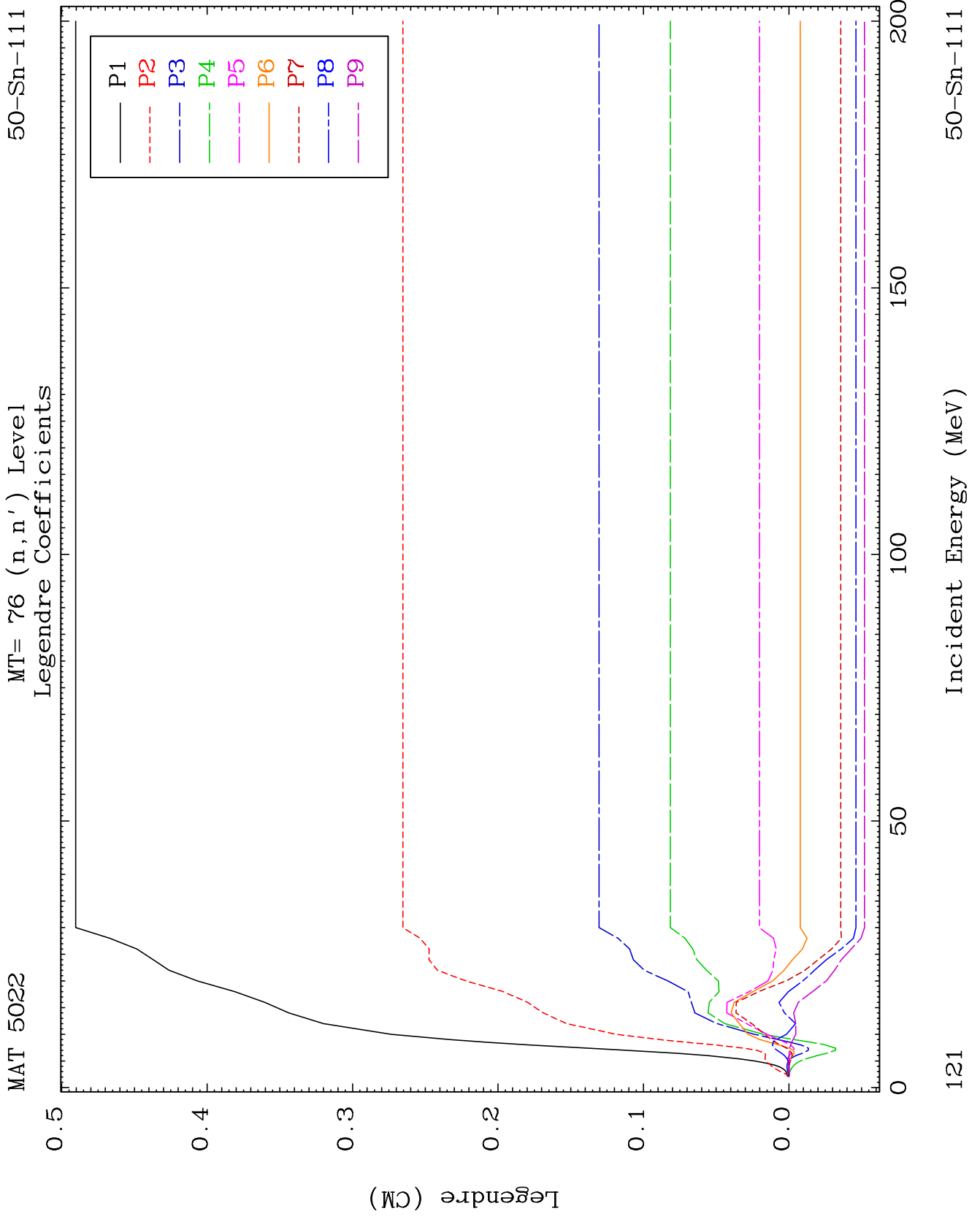


MAT 5022

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

50-Sn-111

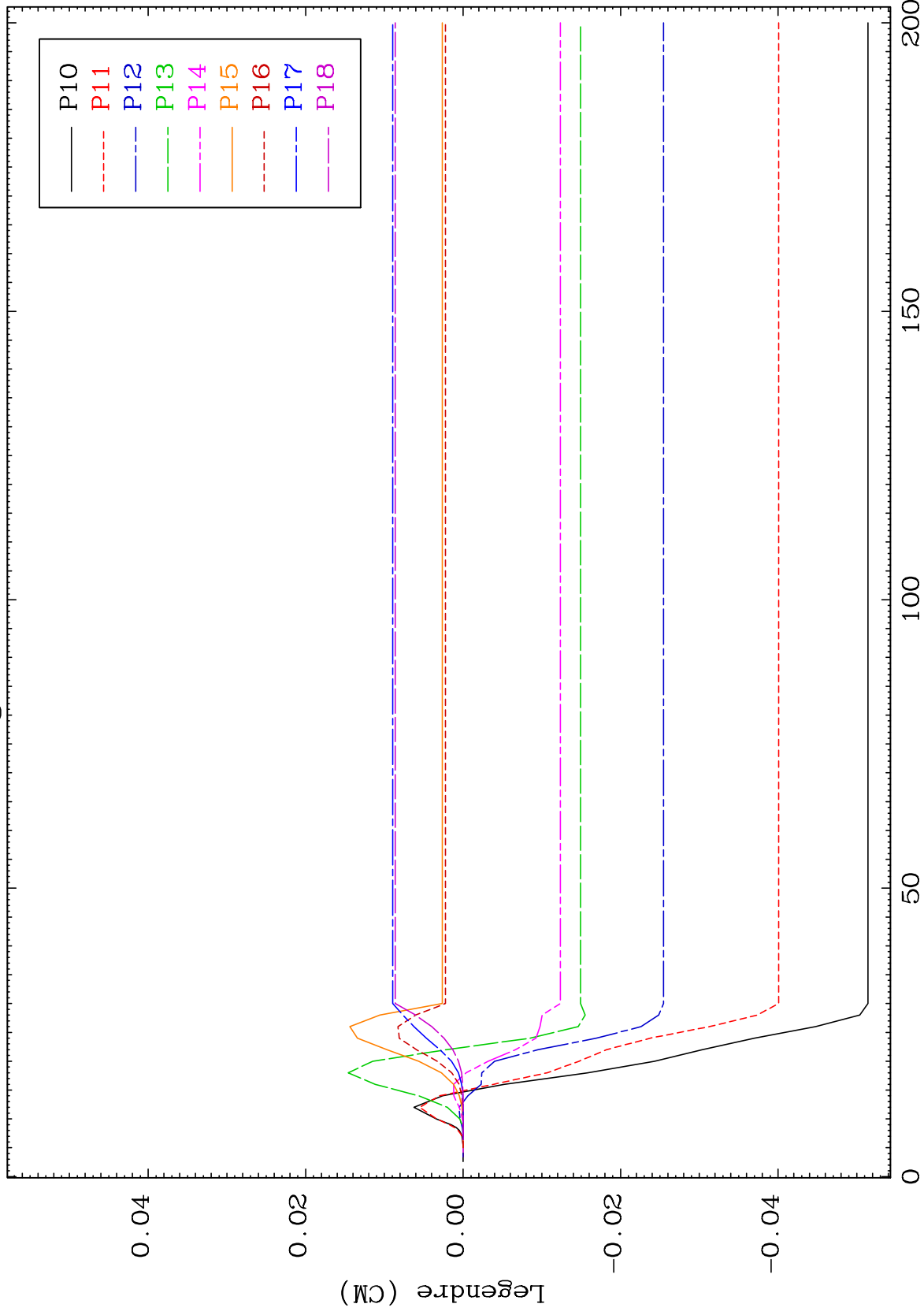




MAT 5022

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

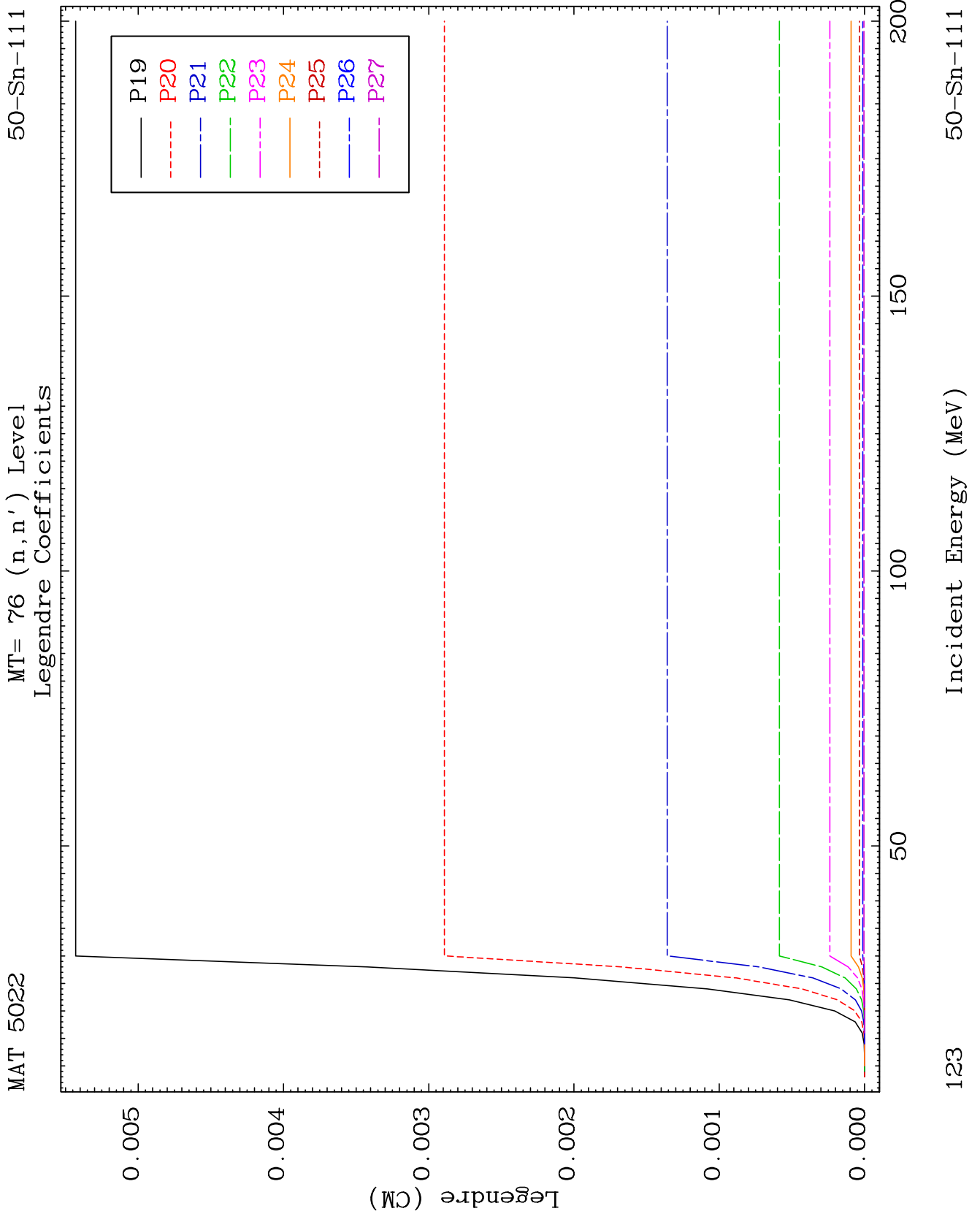
50-Sn-111



122

Incident Energy (MeV)

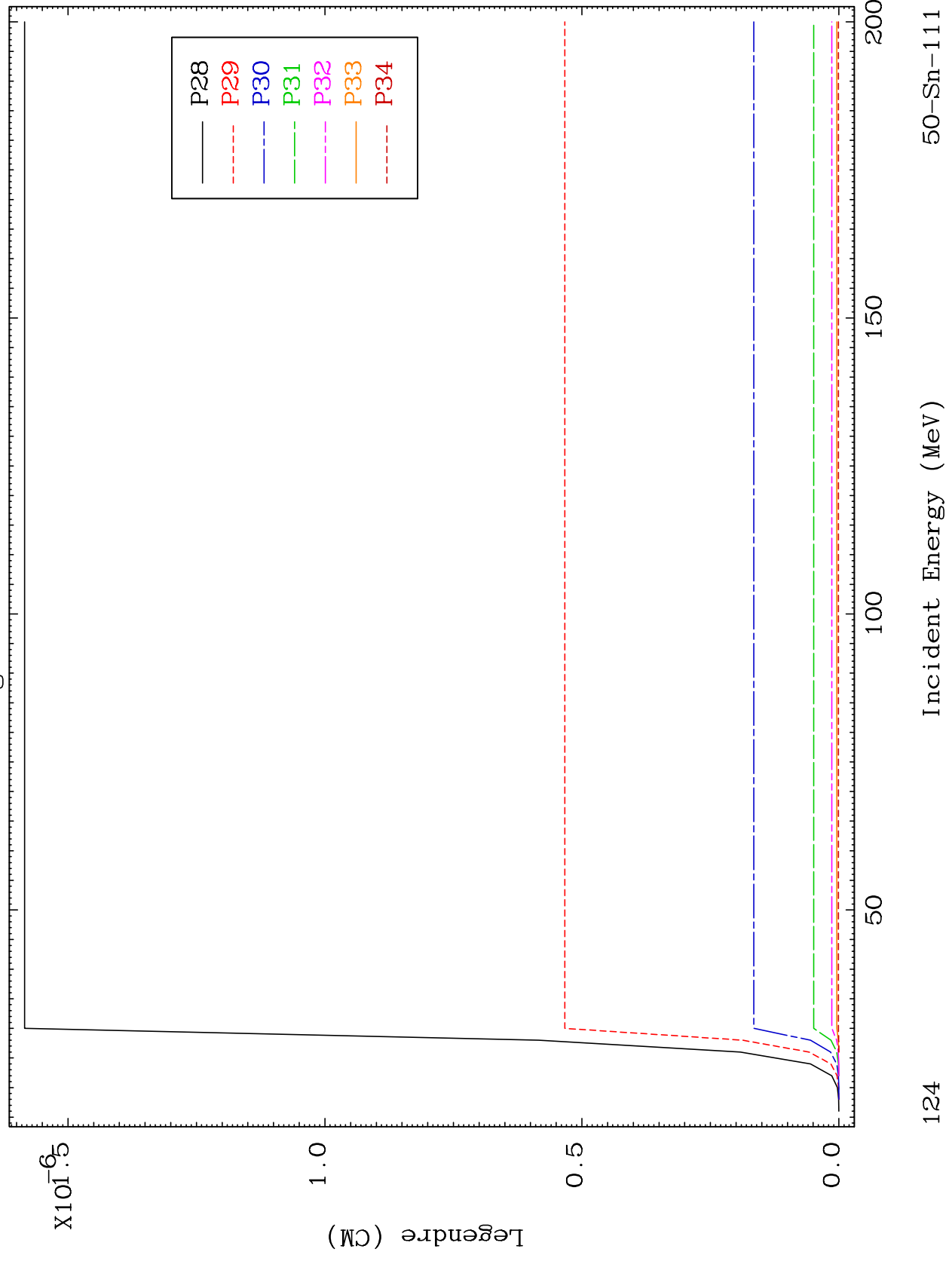
50-Sn-111



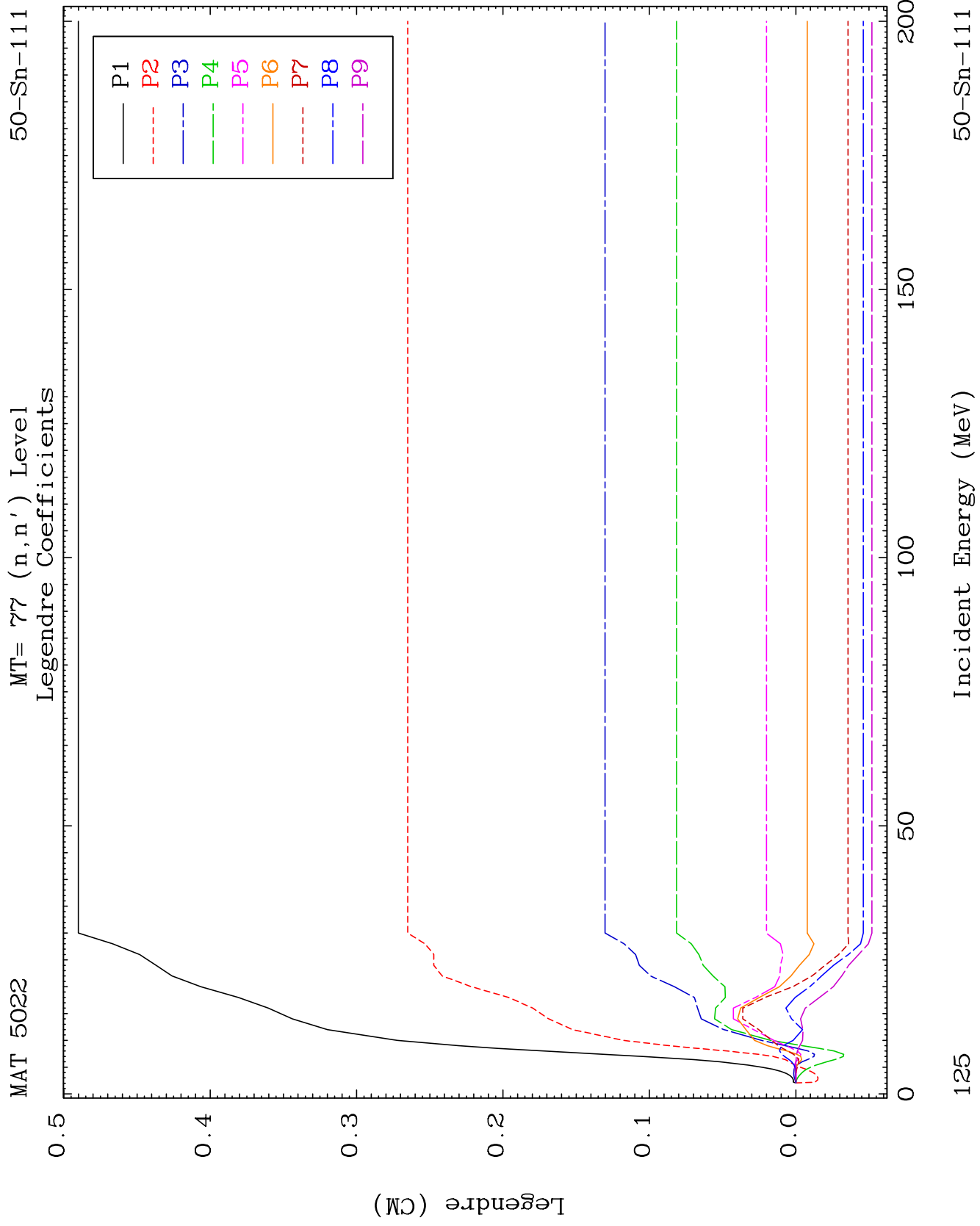
MAT 5022

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

50-Sn-111



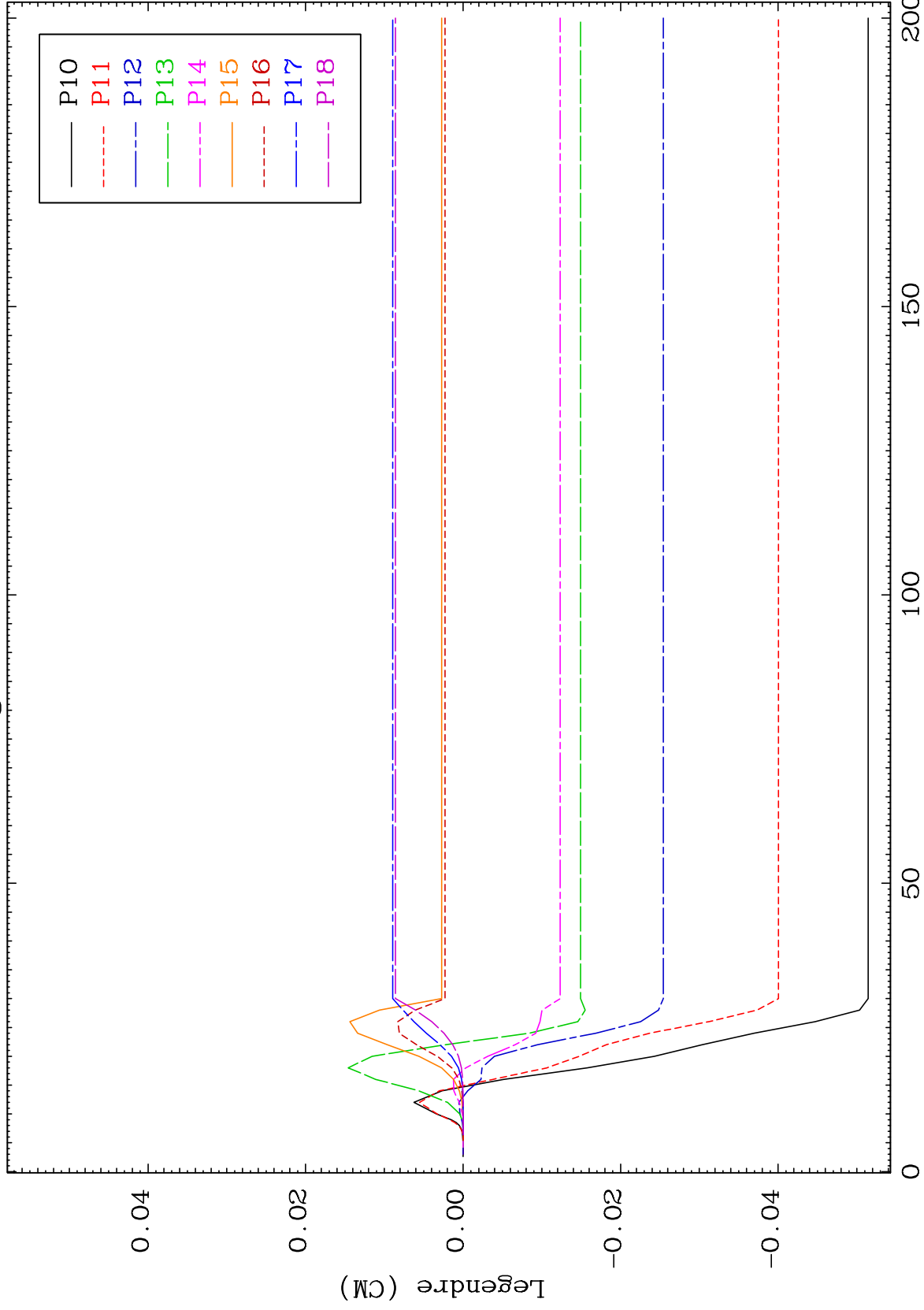
124



MAT 5022

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

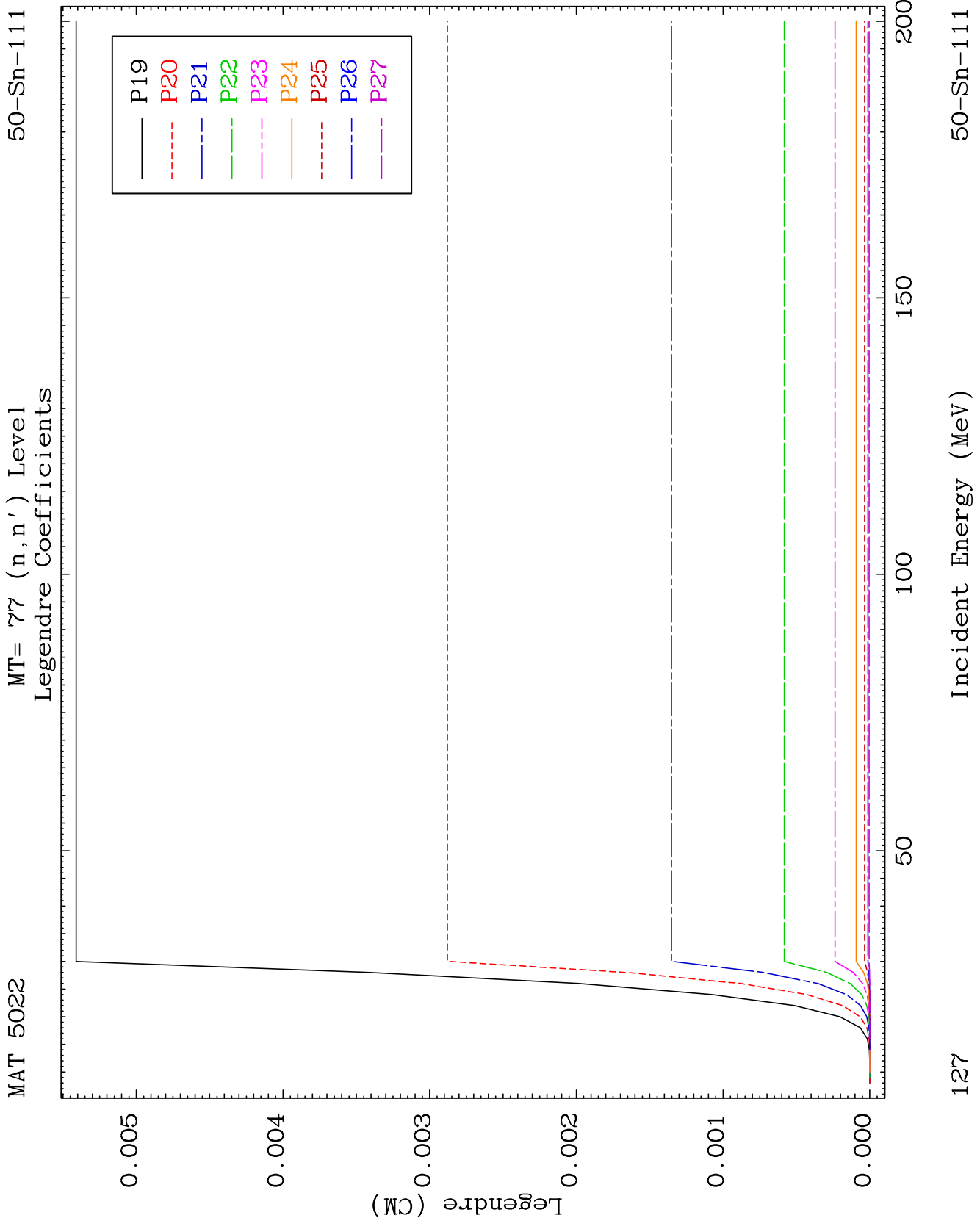
50-Sn-111



126

Incident Energy (MeV)

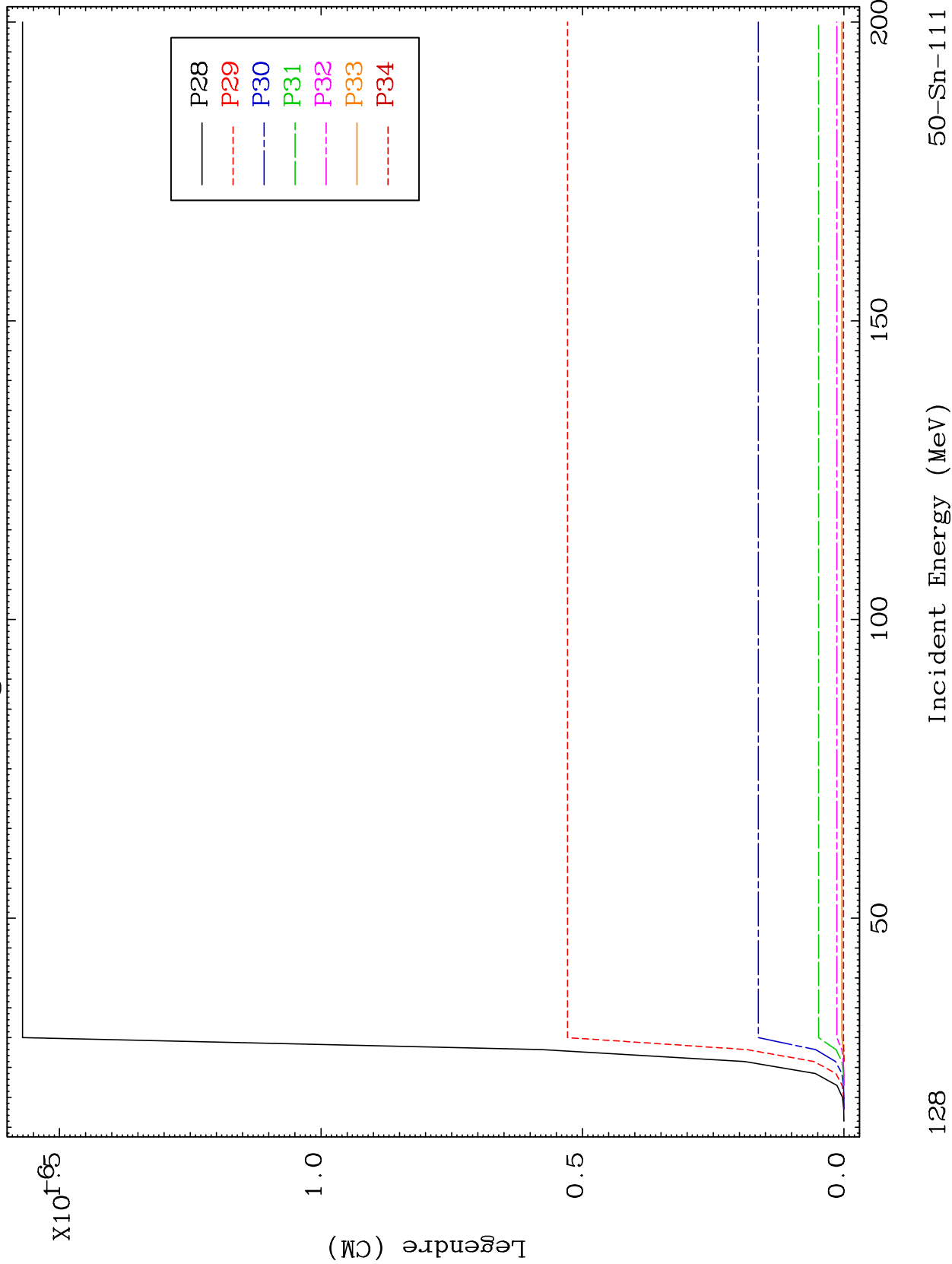
50-Sn-111



MAT 5022

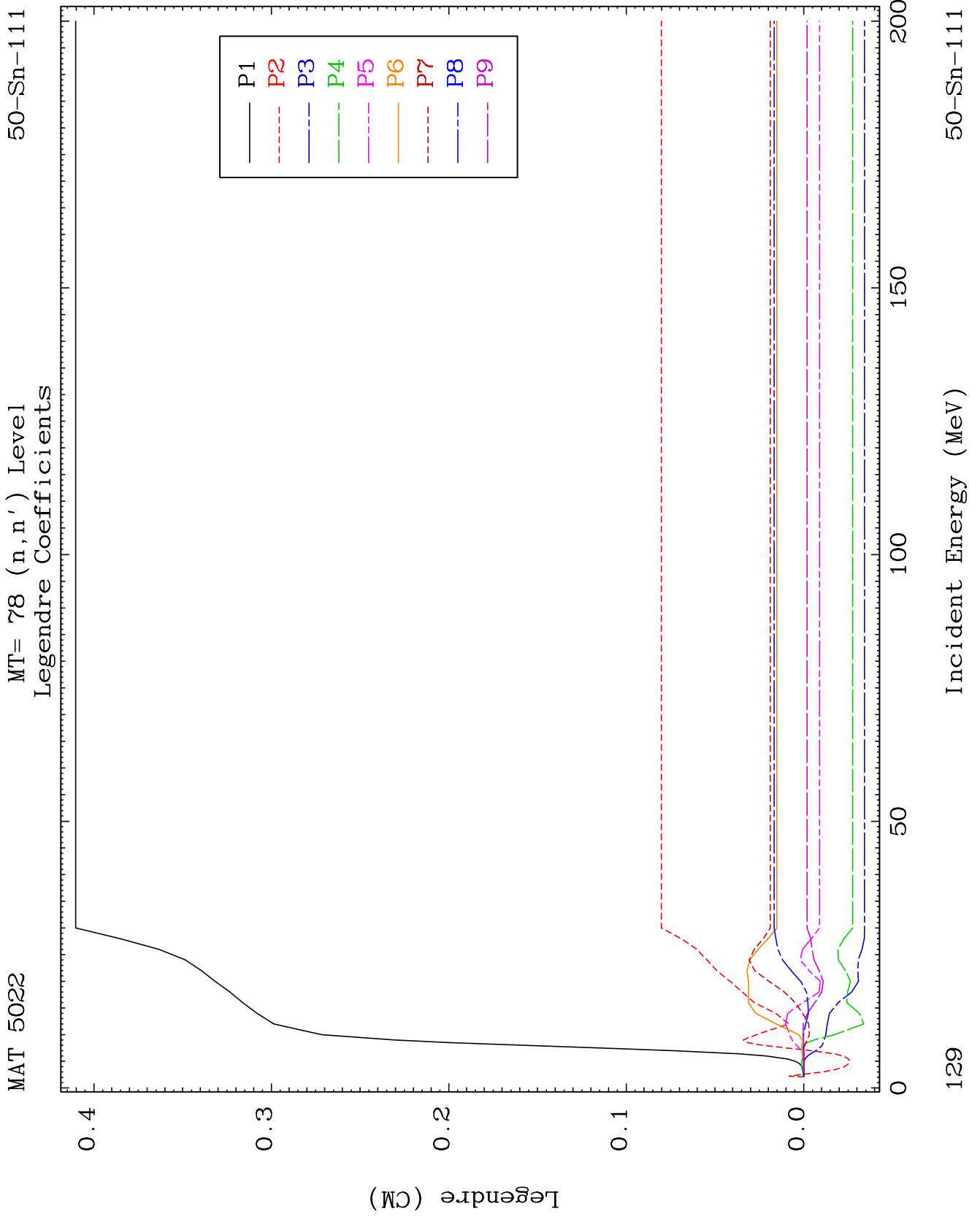
MT= 77 (n,n') Level
Legendre Coefficients

50-Sn-111



128

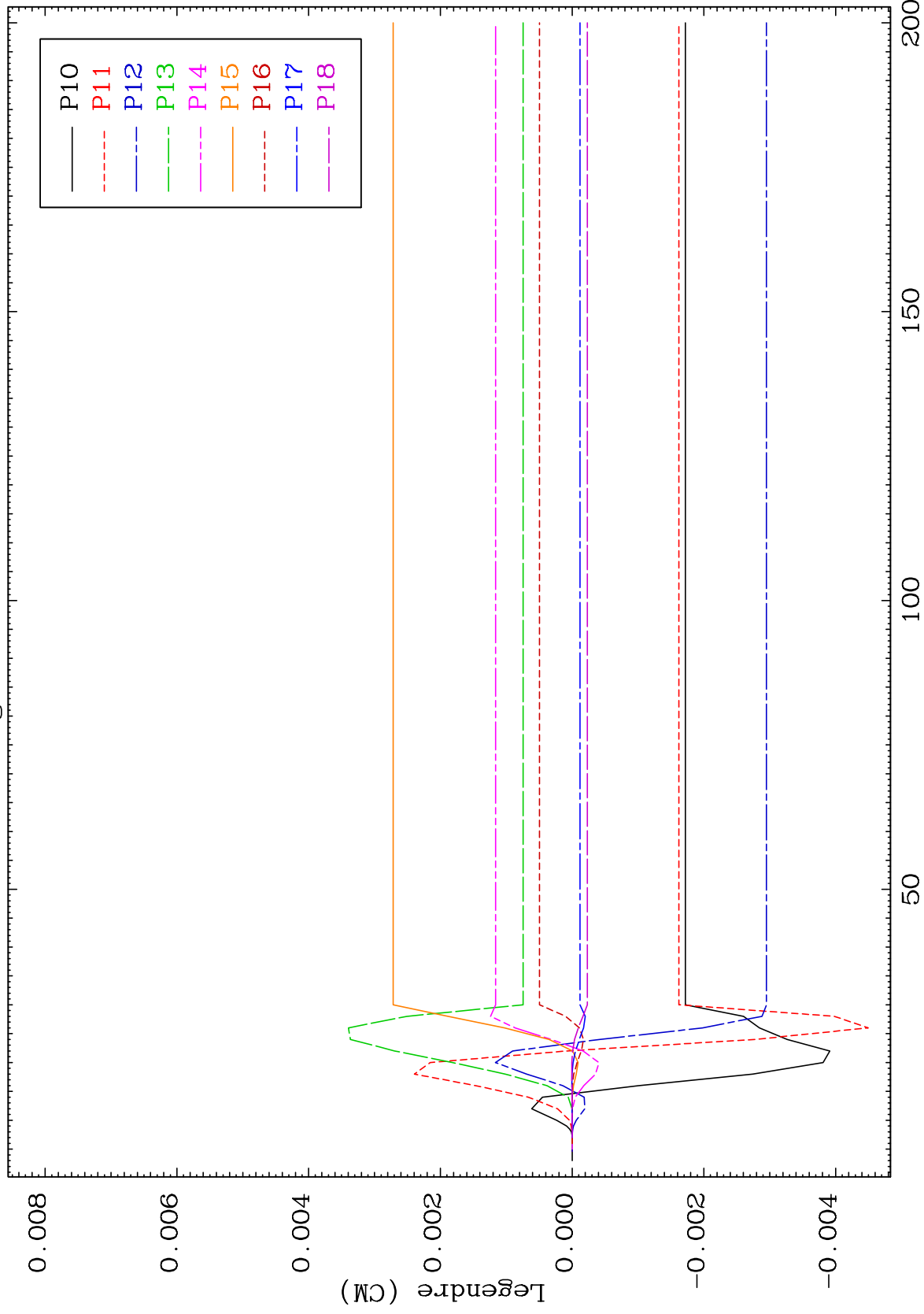
50-Sn-111



MAT 5022

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

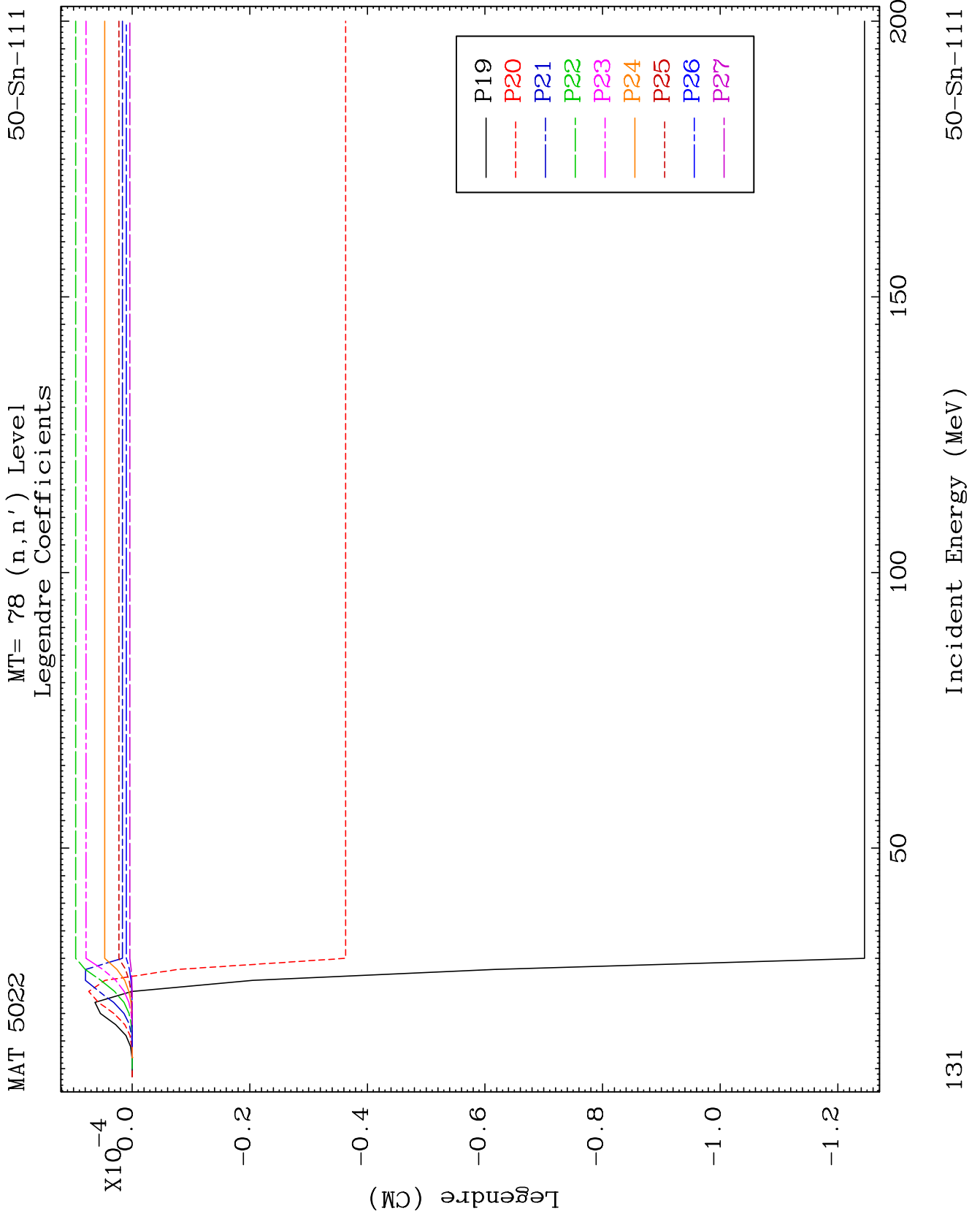
50-Sn-111



130

Incident Energy (MeV)

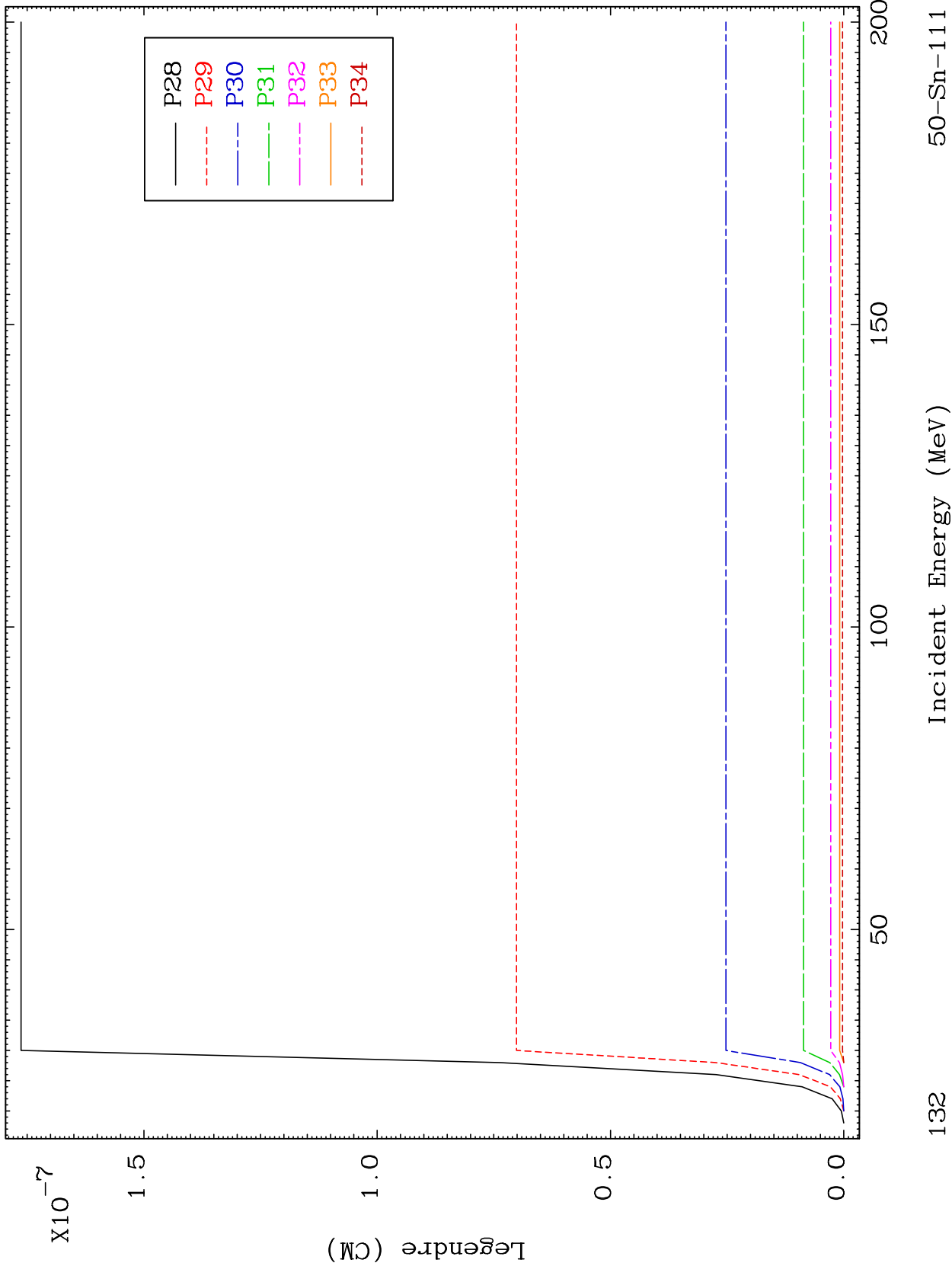
50-Sn-111



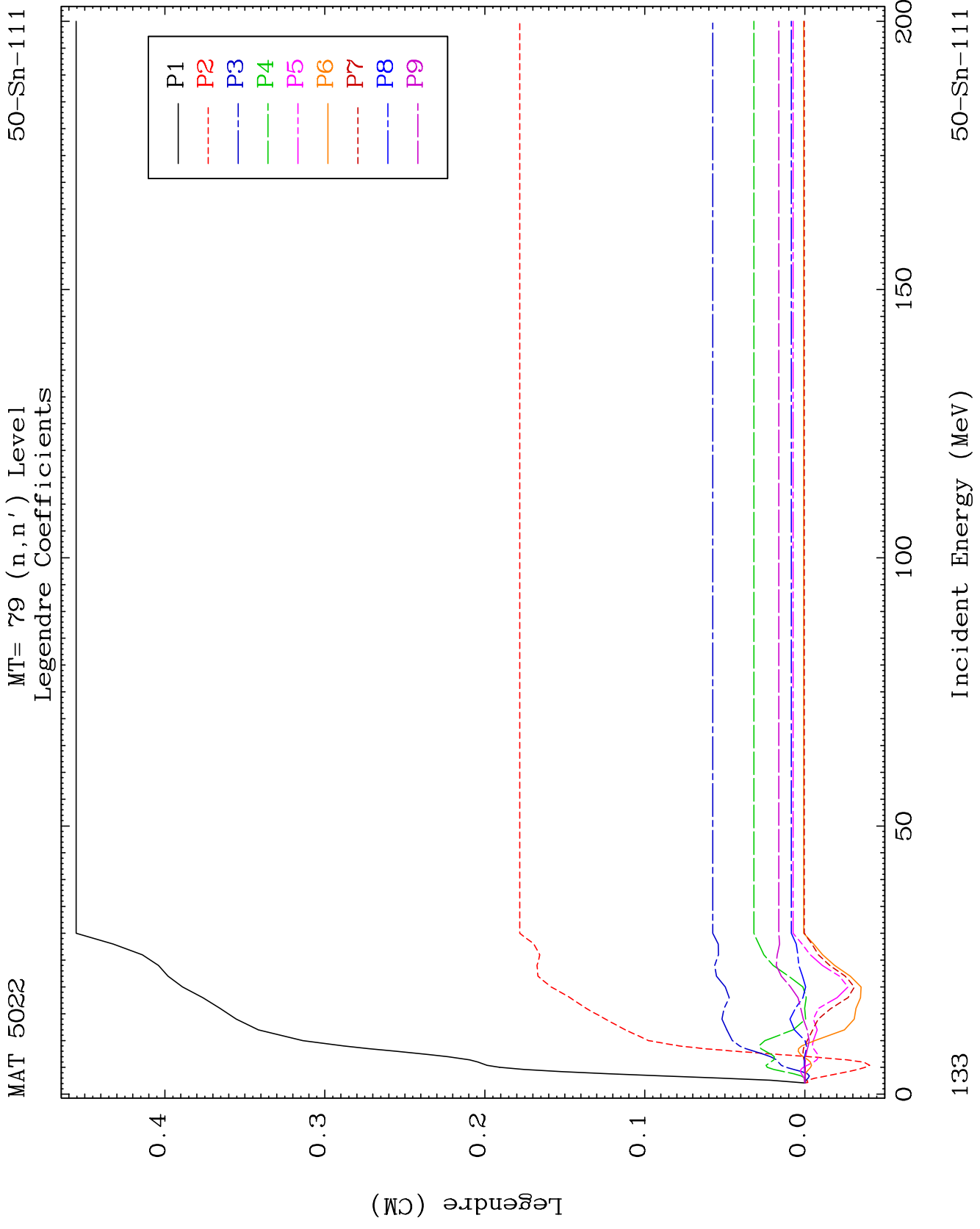
MAT 5022

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

50-Sn-111



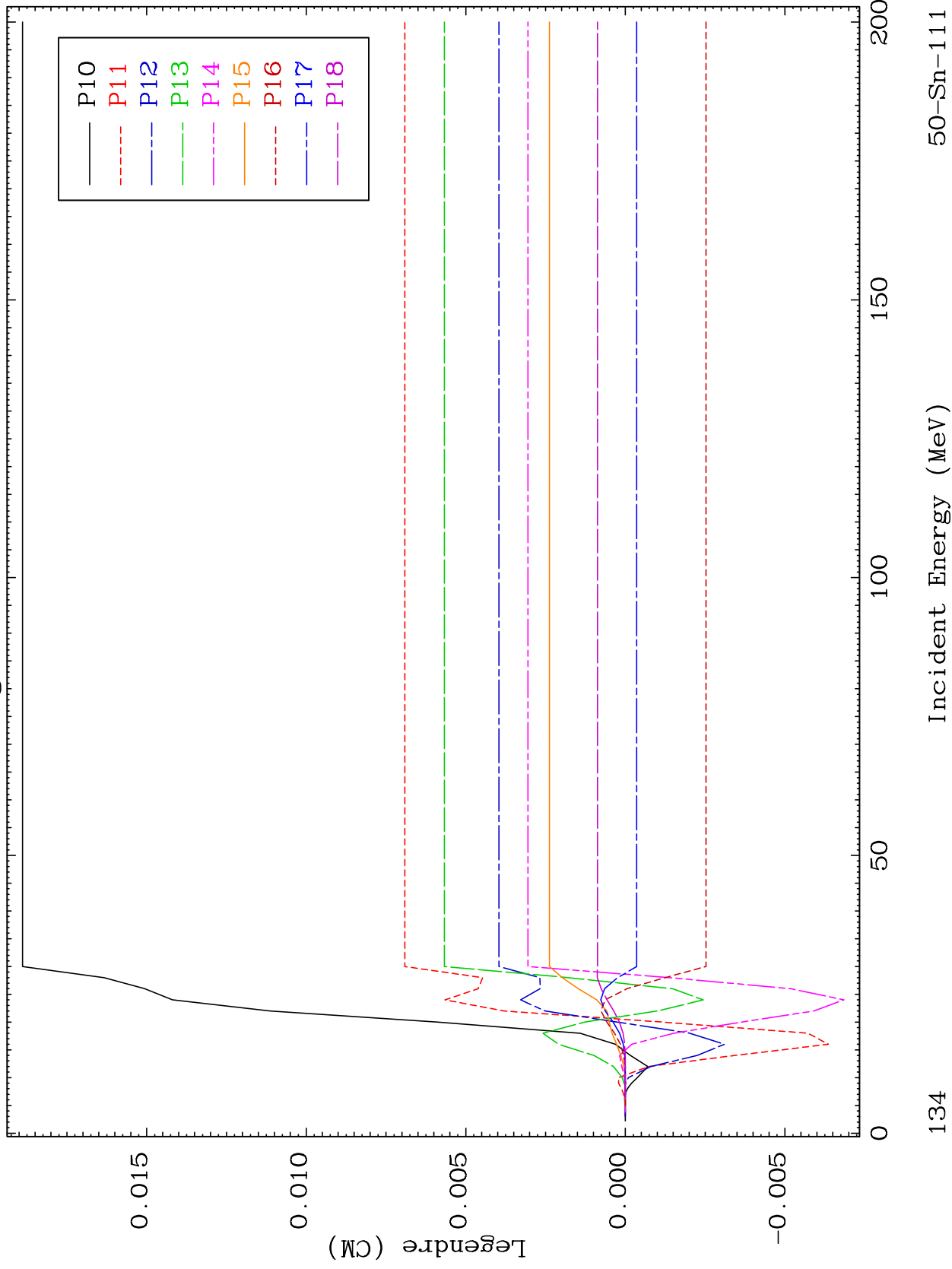
132



MAT 5022

MT= 79 (n,n') Level
Legendre Coefficients

50-Sn-111



134

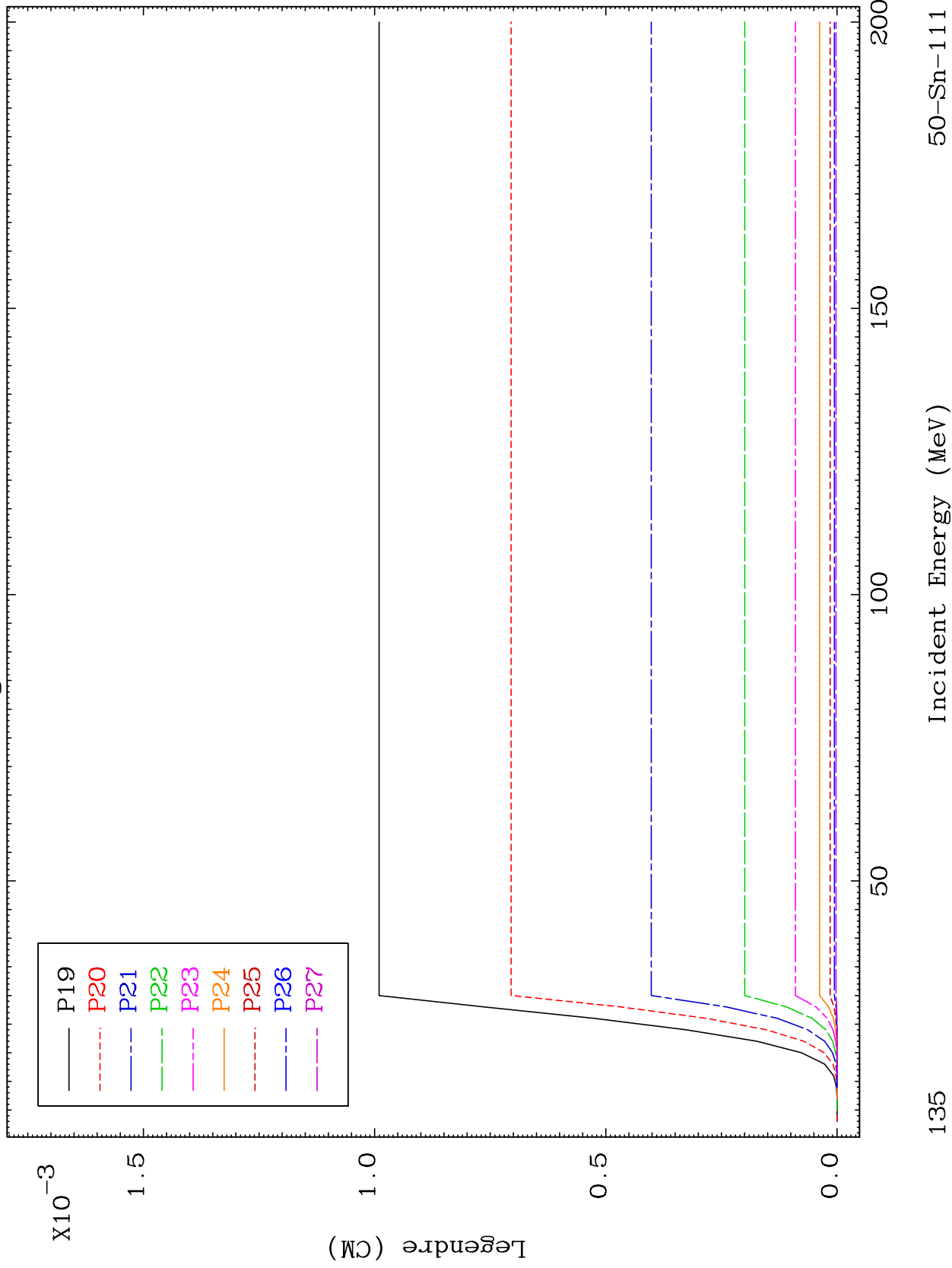
Incident Energy (MeV)

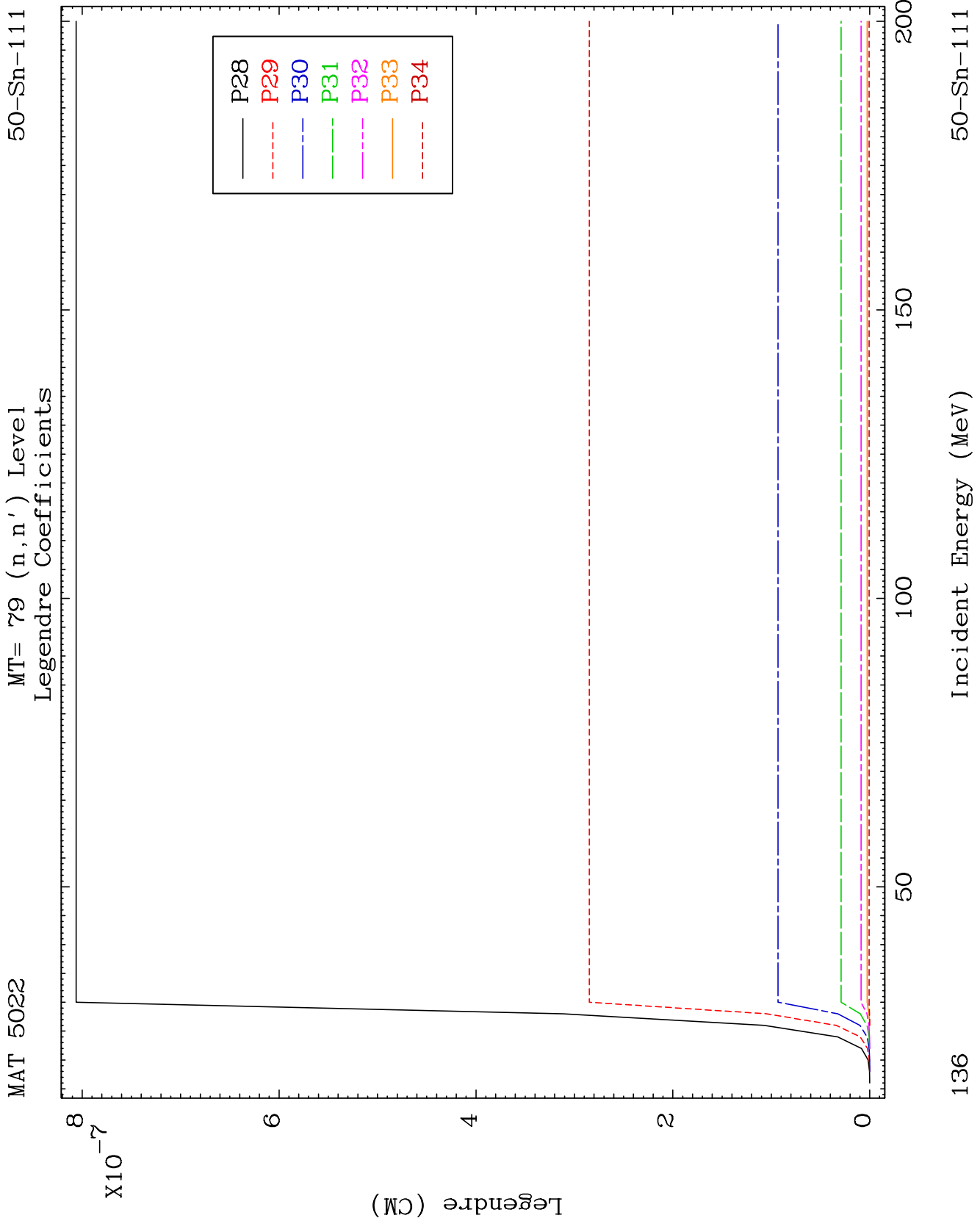
50-Sn-111

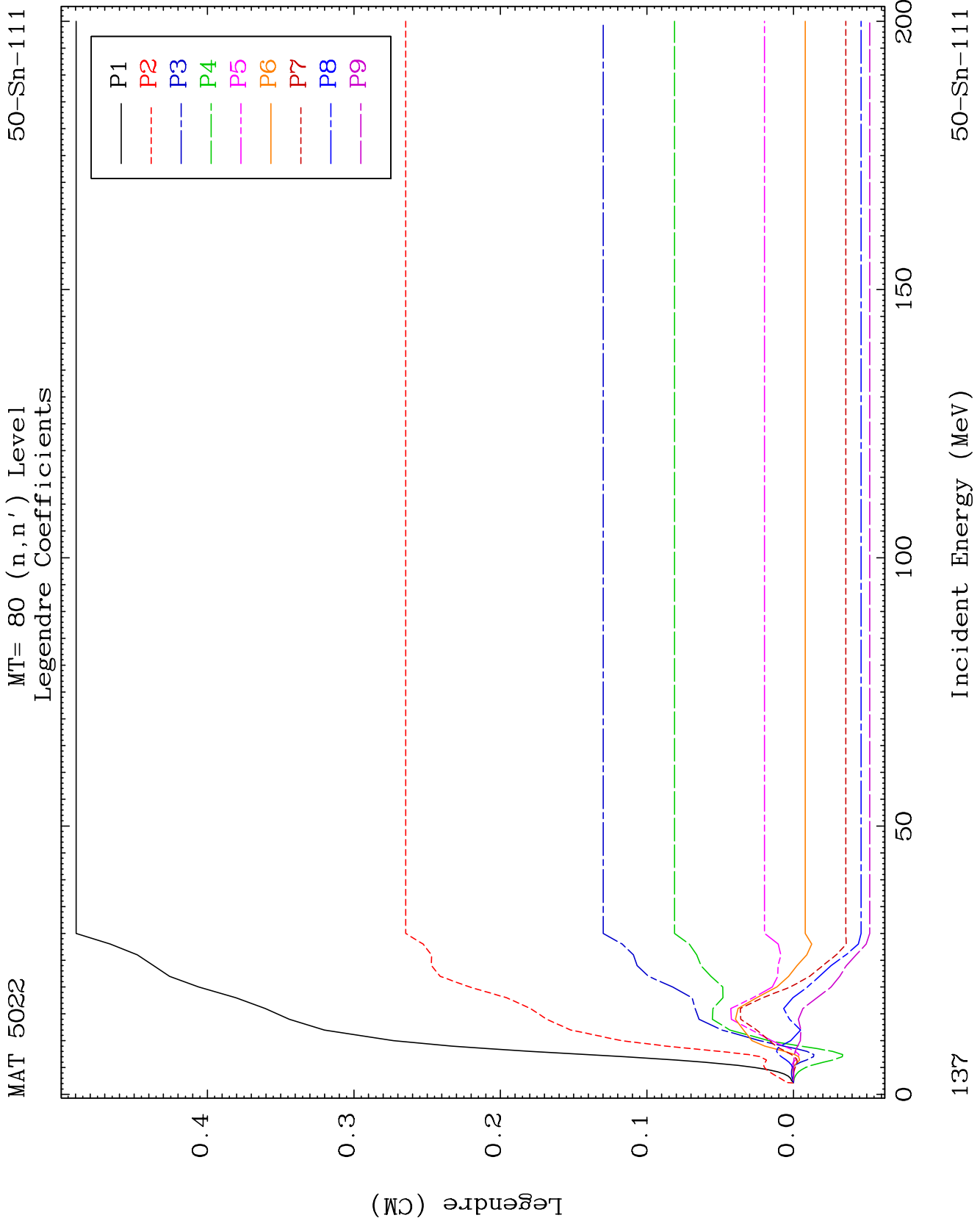
MAT 5022

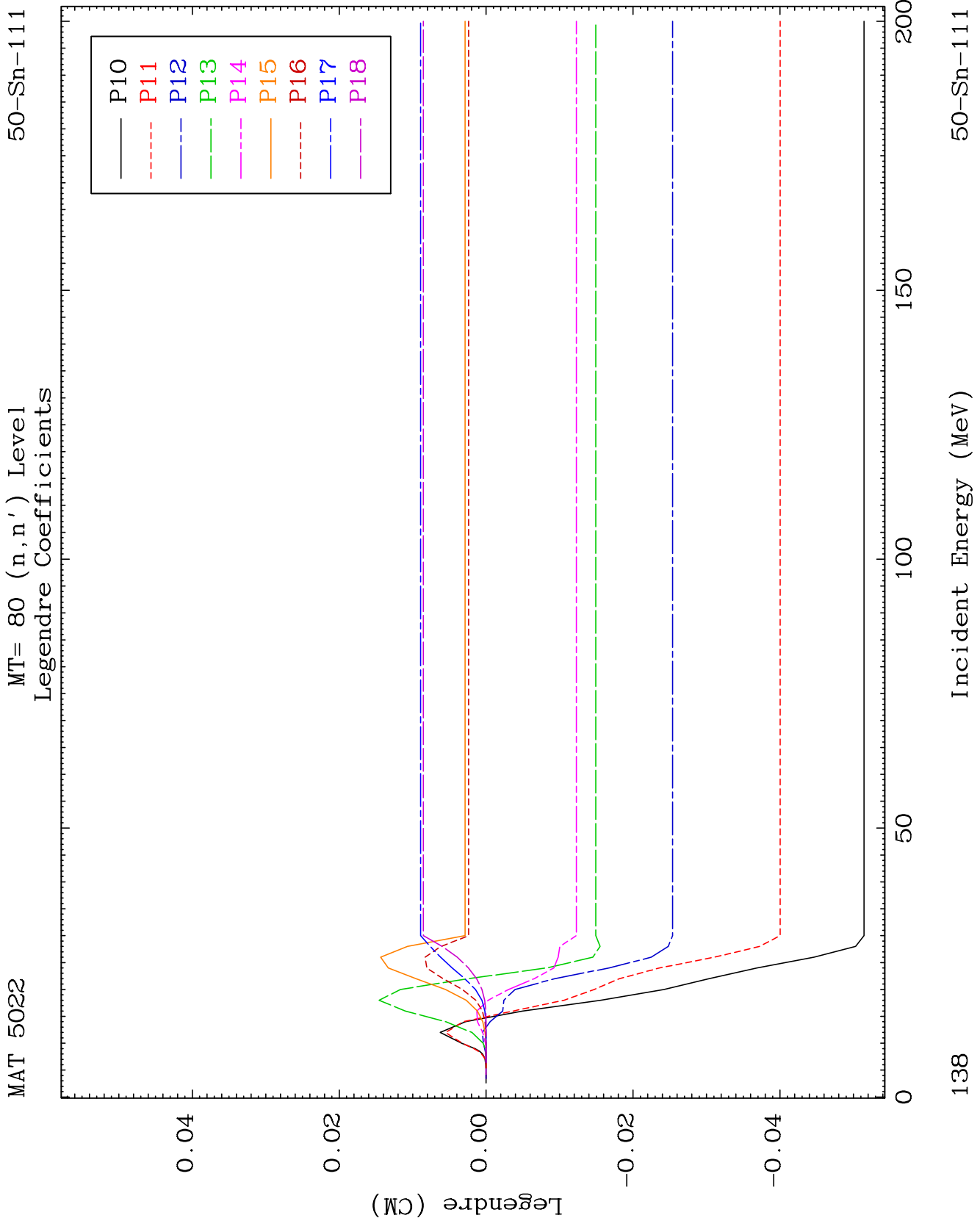
MT= 79 (n,n') Level
Legendre Coefficients

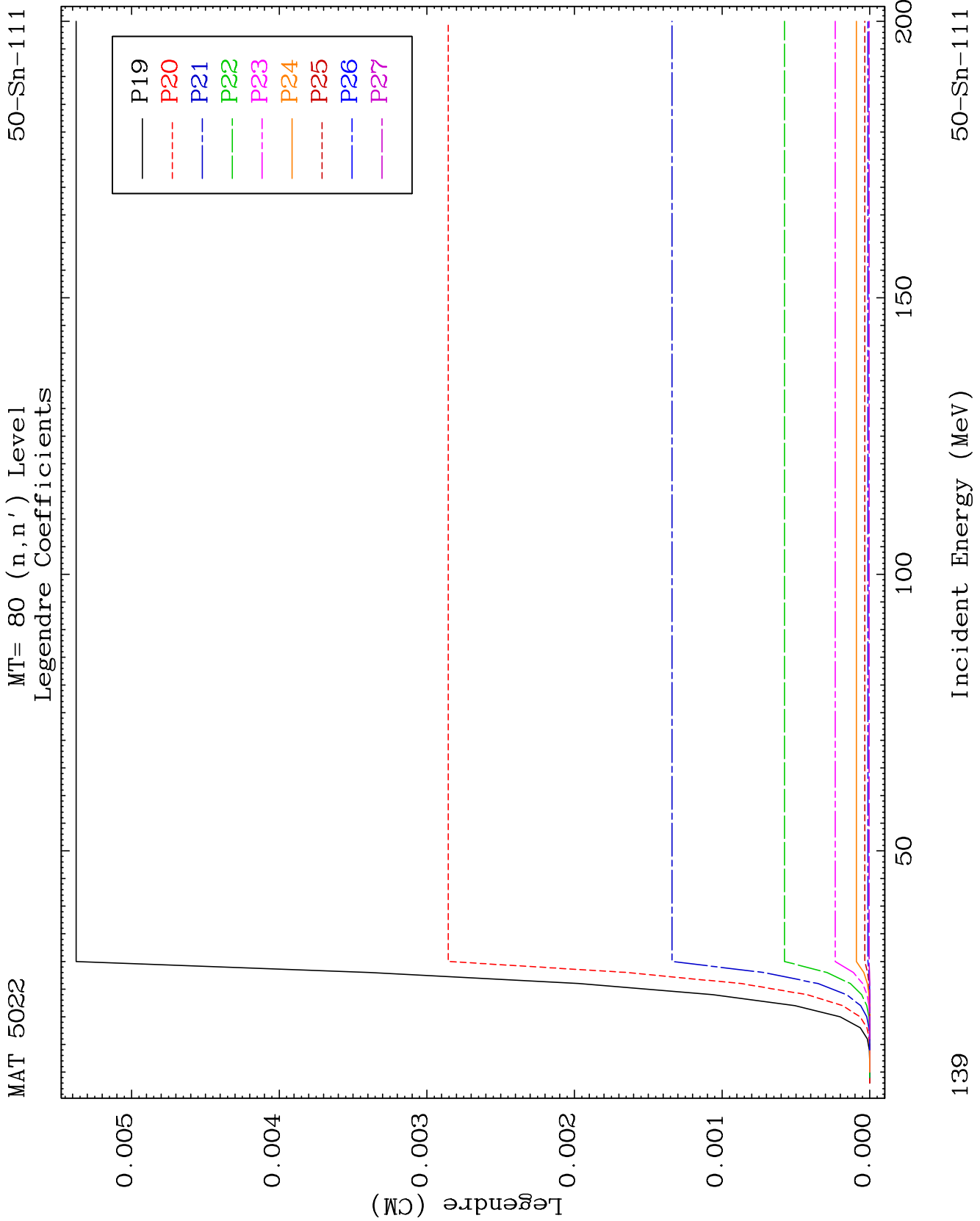
50-Sn-111









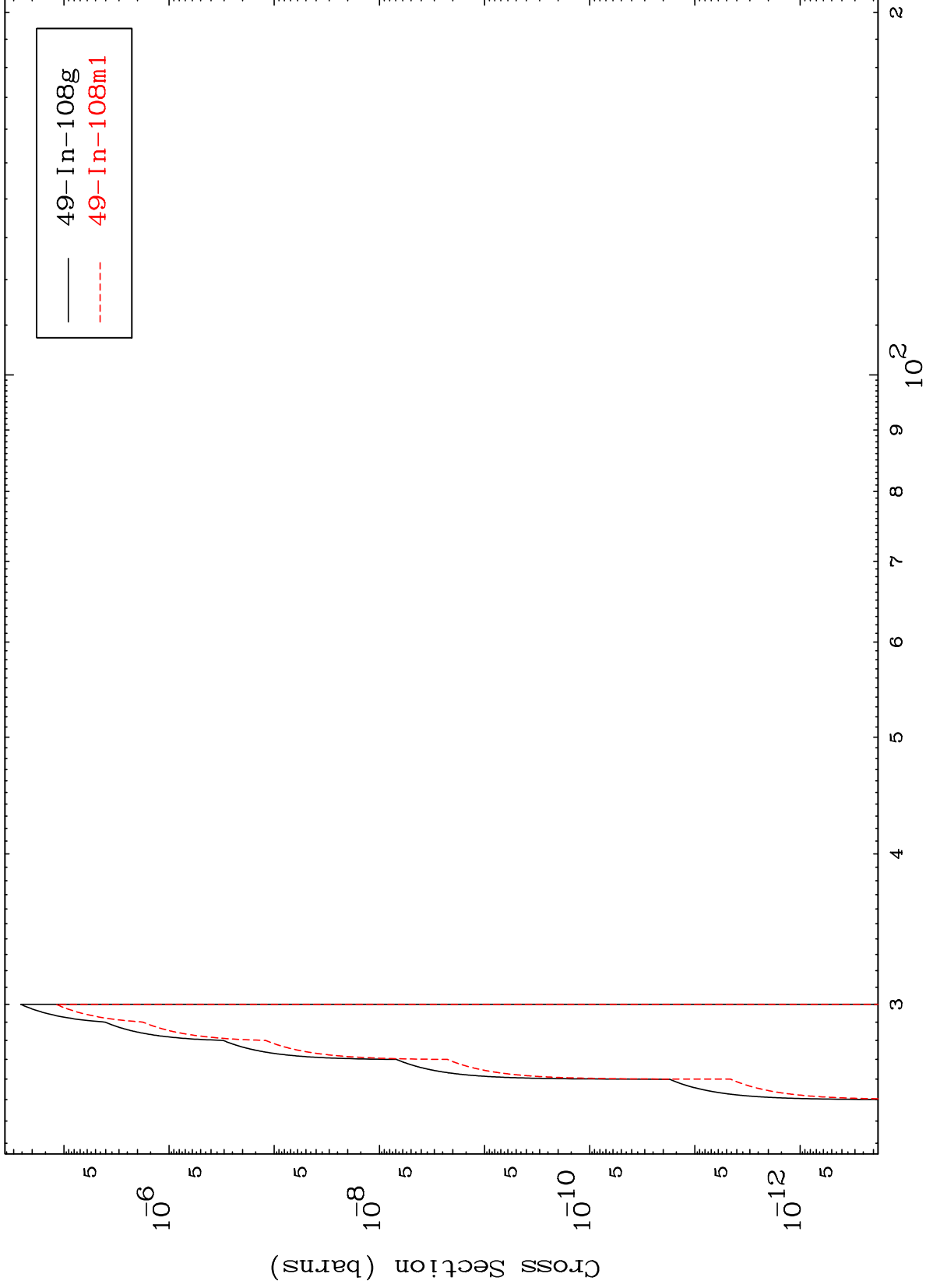


MAT 5022

(n,2n) d

50-Sn-111

Radionuclide Production Cross Section



141

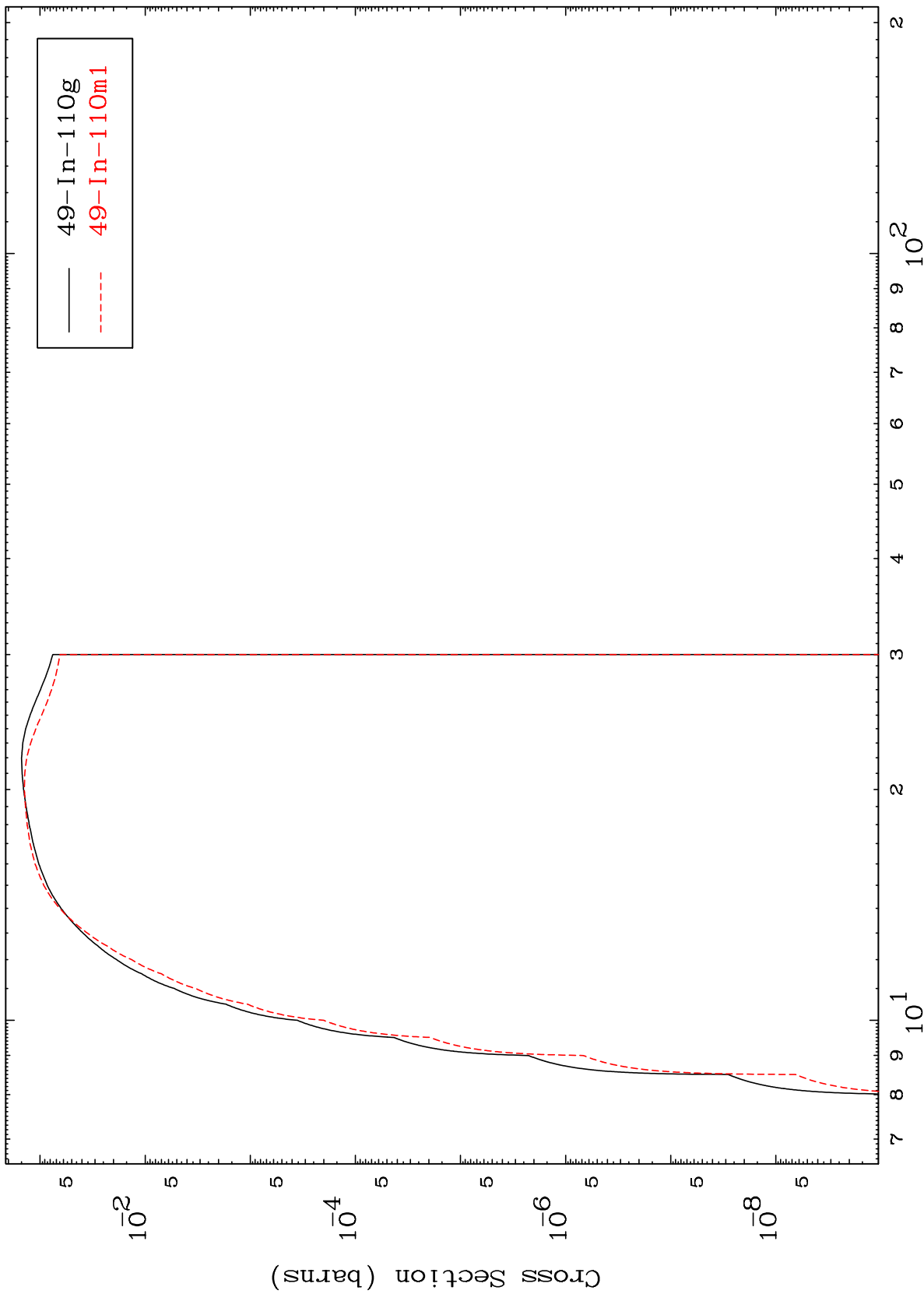
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n, n') p
Radionuclide Production Cross Section

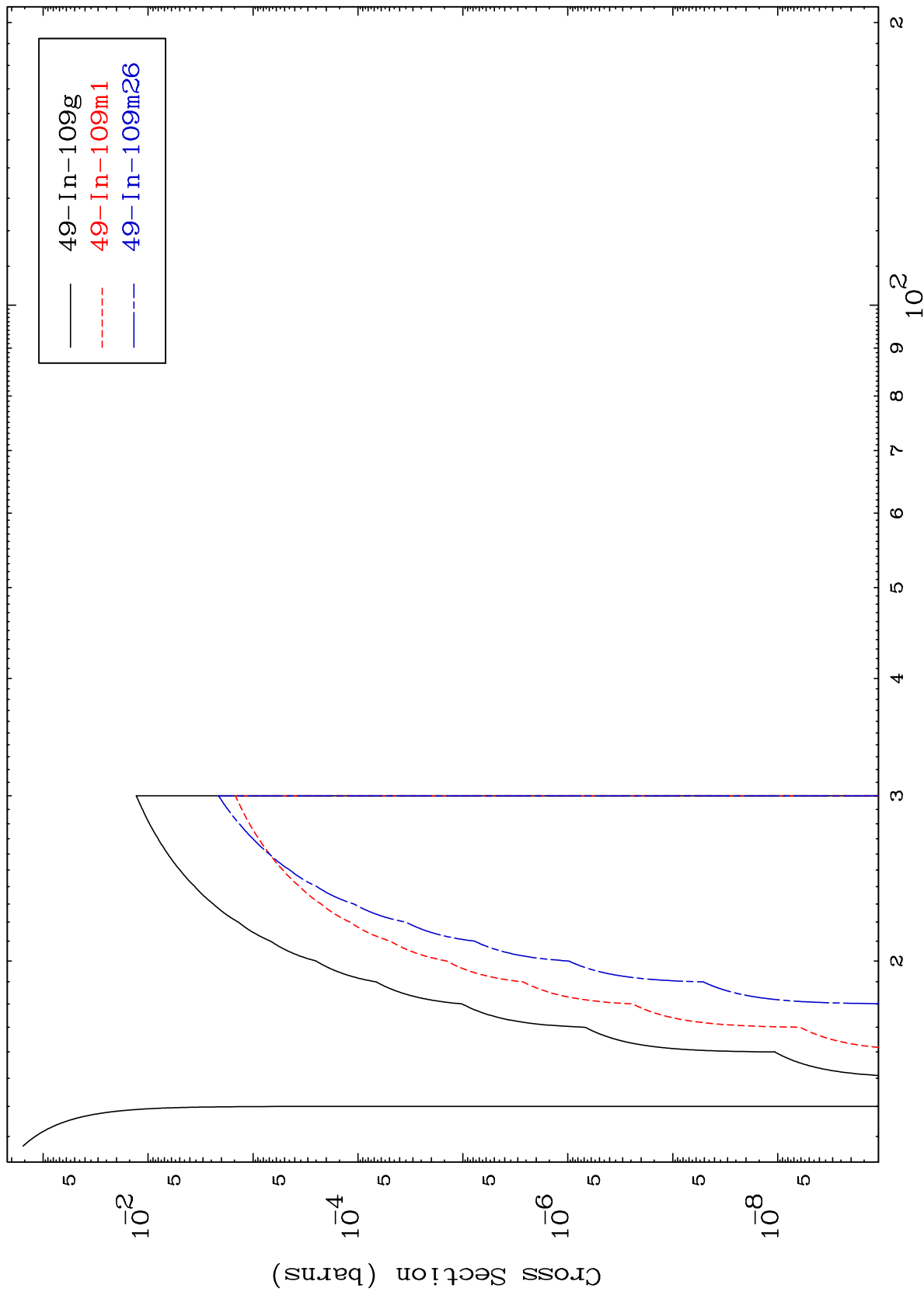


50-Sn-111

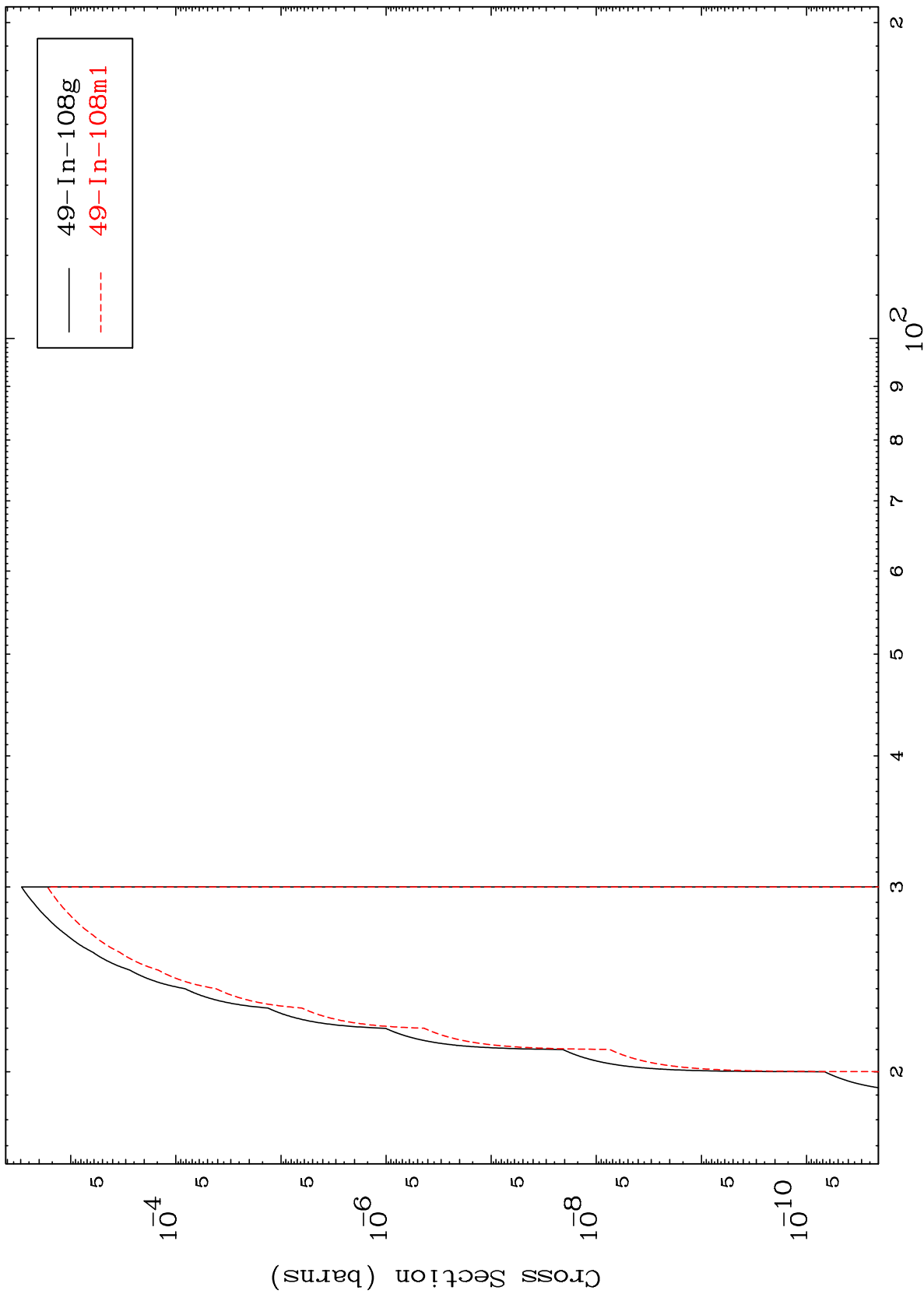
Incident Energy (MeV)

142

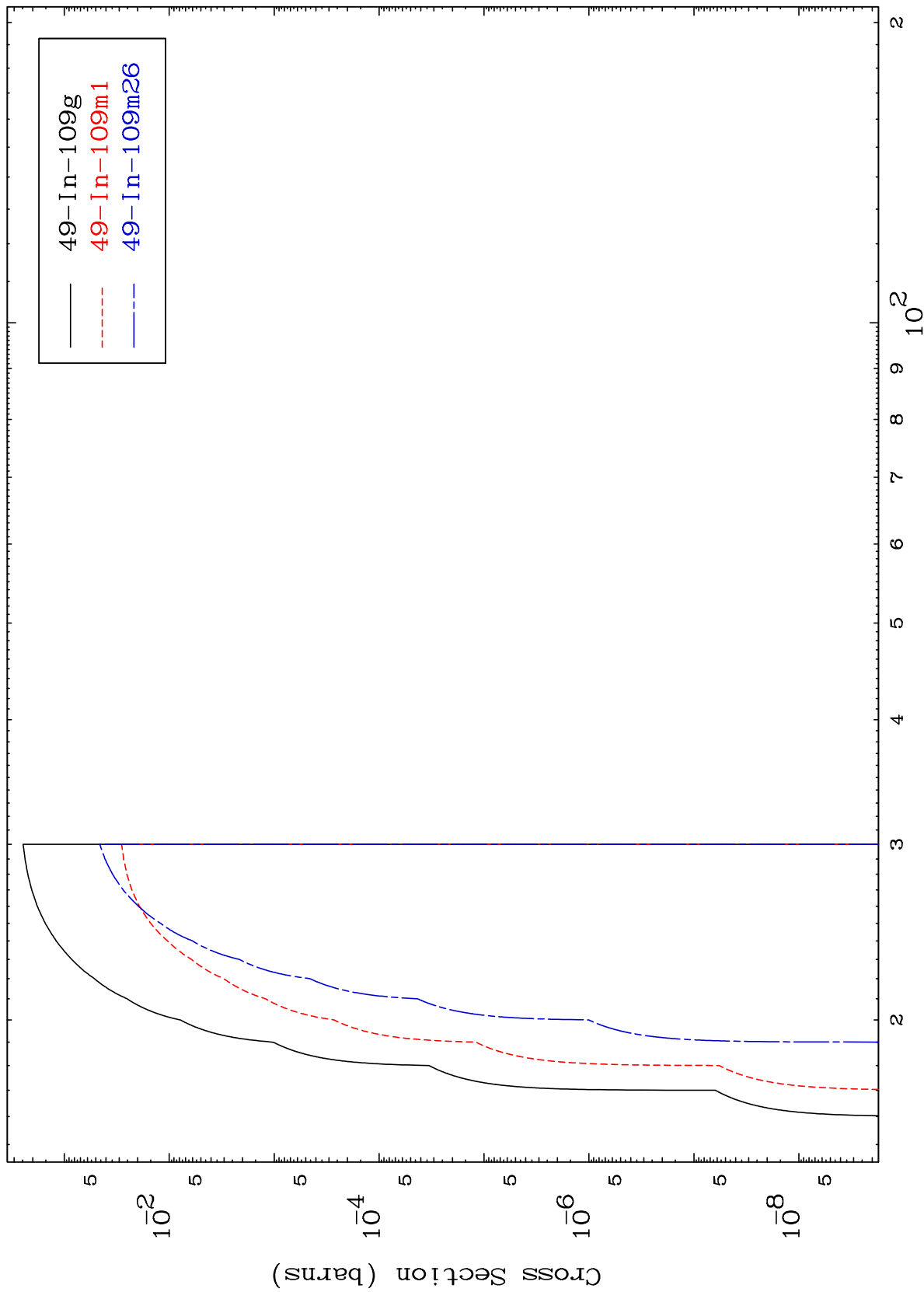
Radionuclide Production Cross Section



Radionuclide Production Cross Section



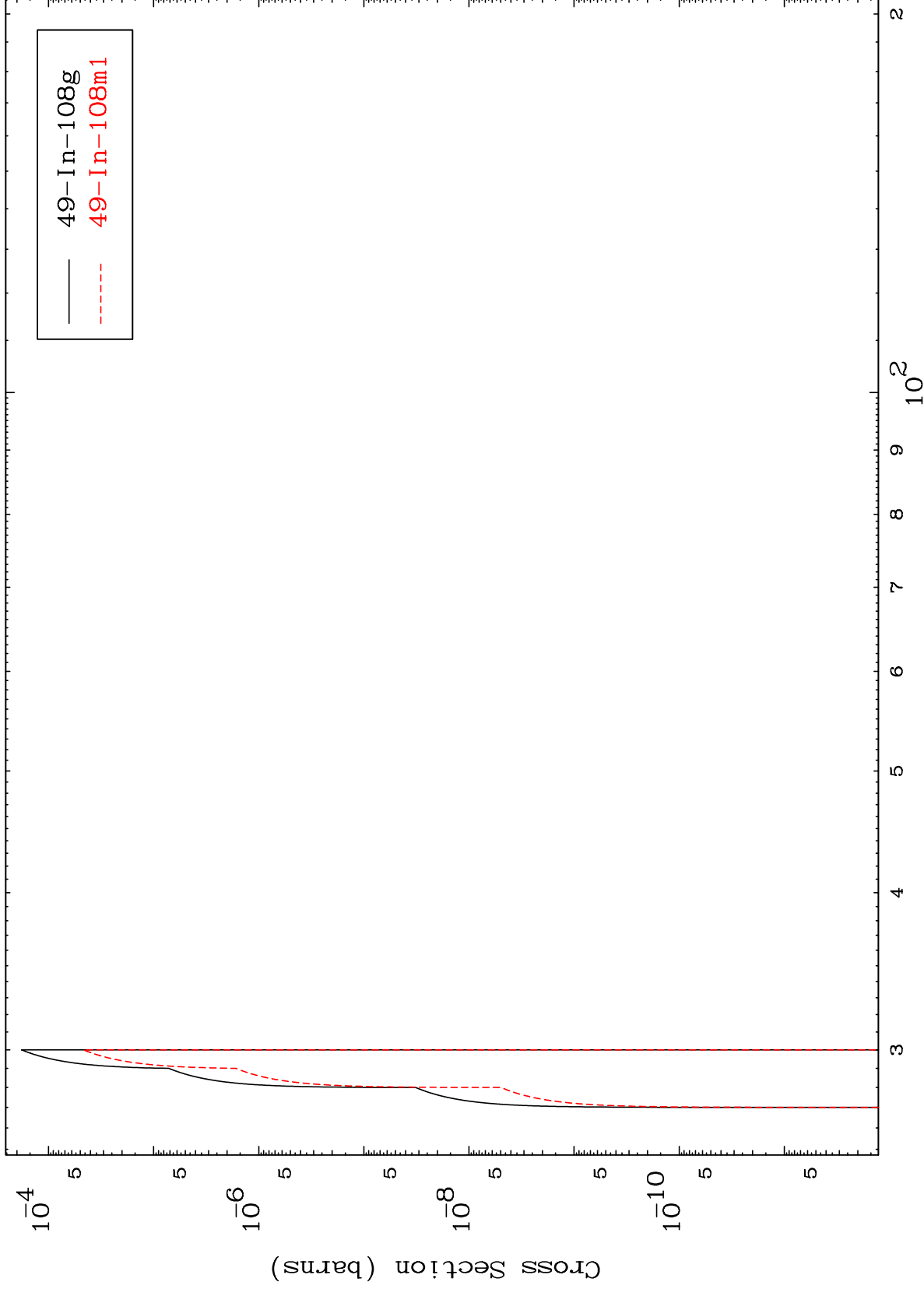
Radionuclide Production Cross Section



MAT 5022

50-Sn-111

(n,3n) p
Radionuclide Production Cross Section



50-Sn-111

Incident Energy (MeV)

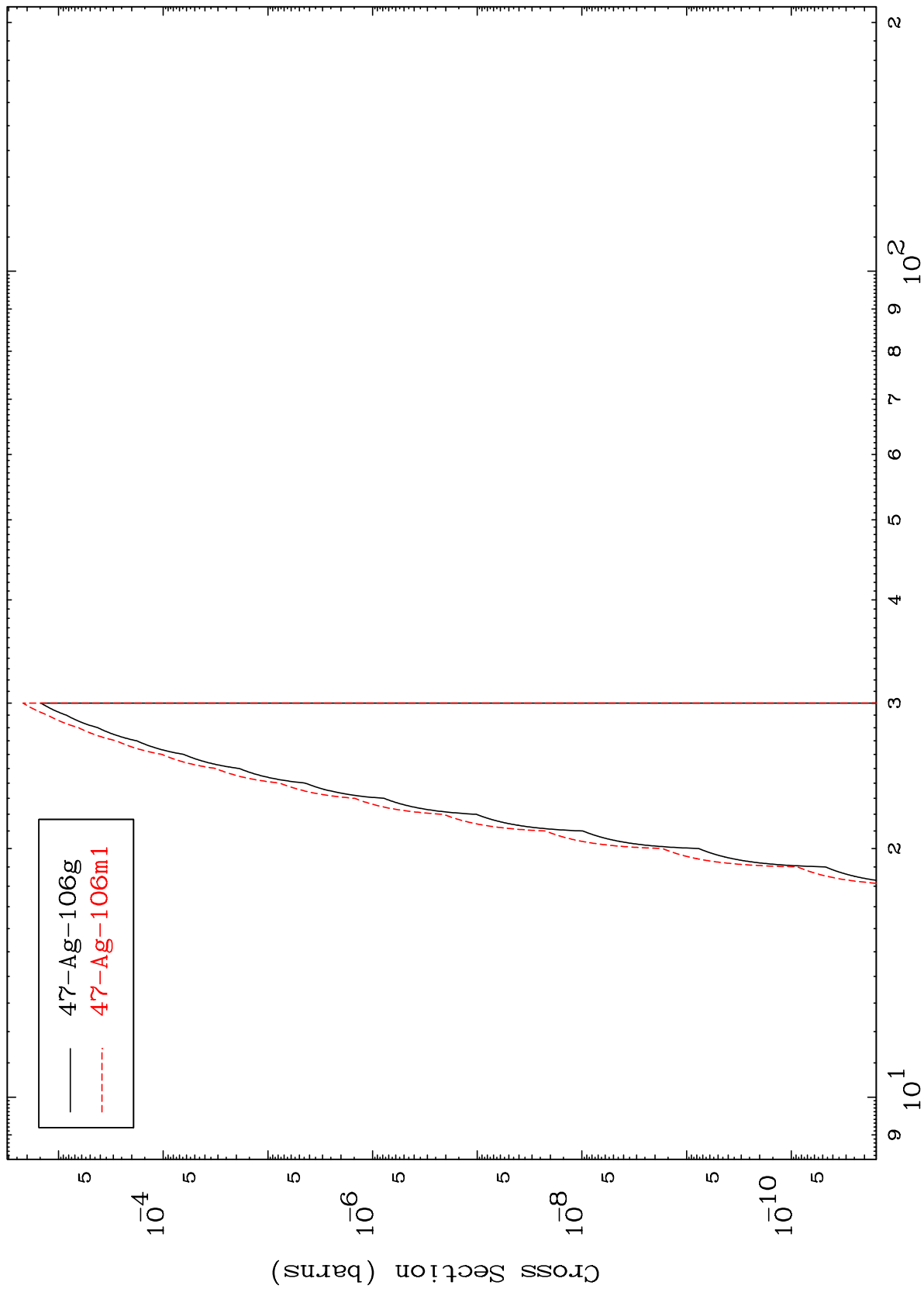
146

MAT 5022

(n,n') p α

50-Sn-111

Radionuclide Production Cross Section

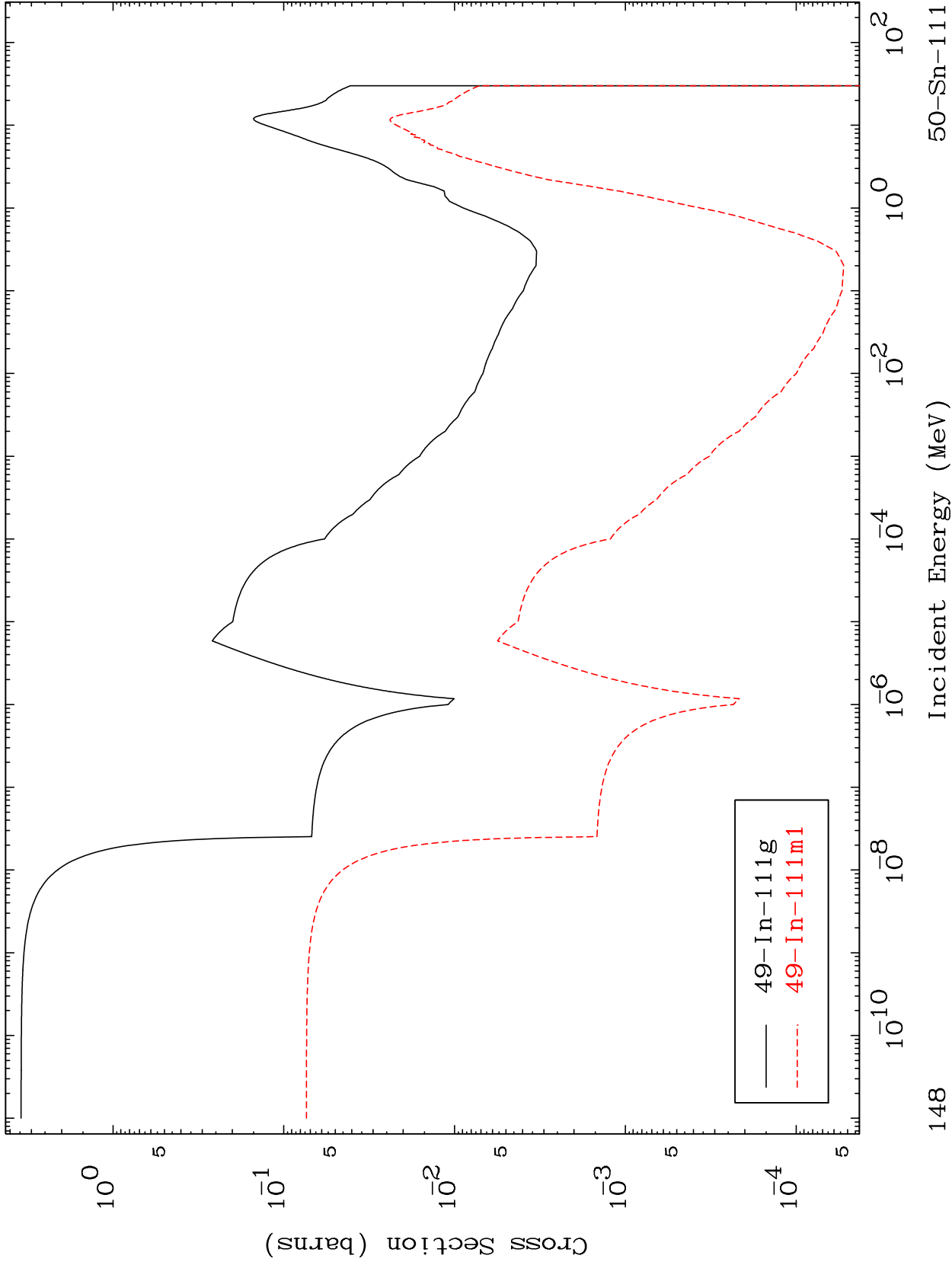


147

Incident Energy (MeV)

50-Sn-111

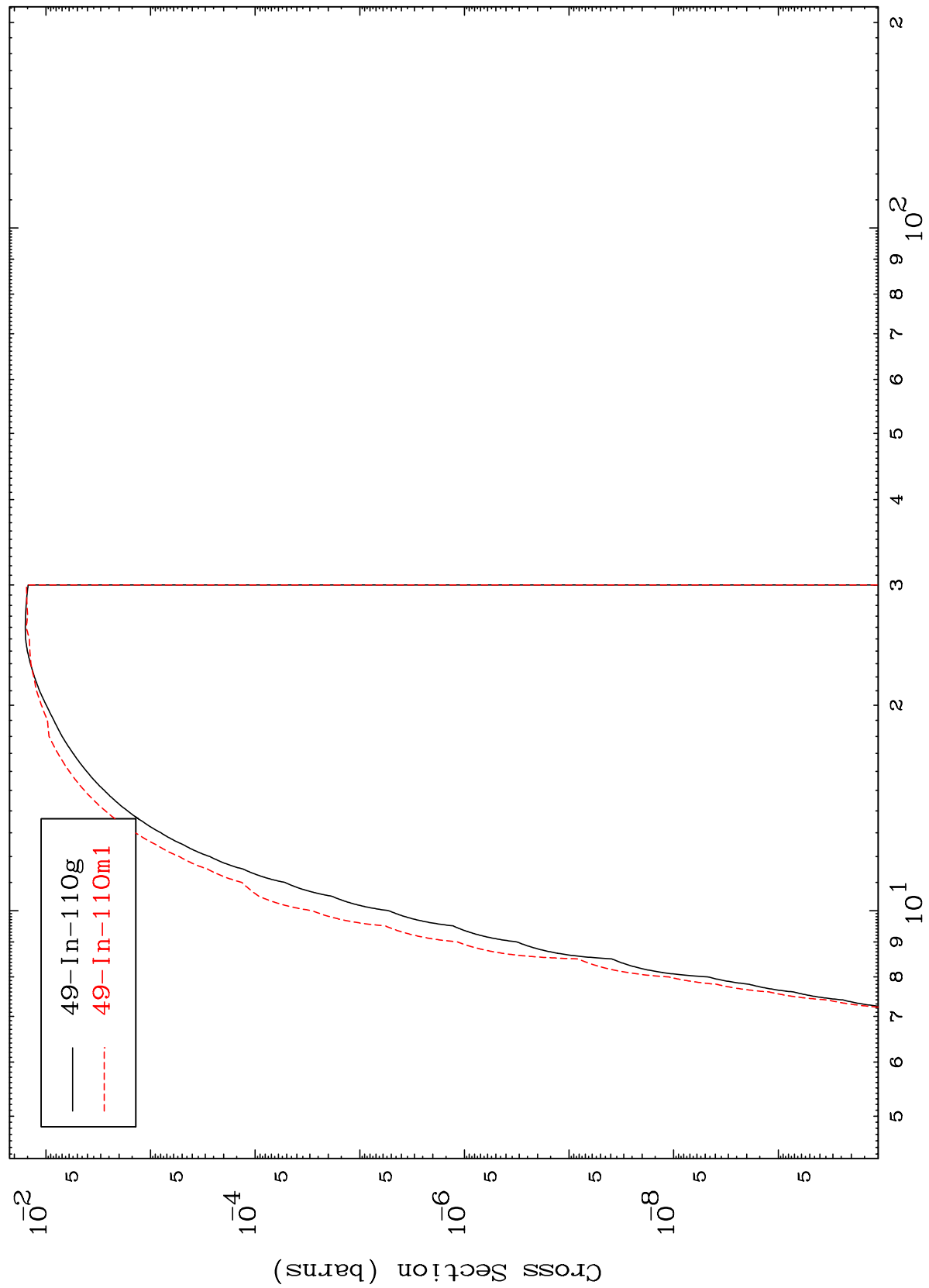
Radionuclide Production Cross Section (n,p)



MAT 5022

50-Sn-111

(n,d)
Radionuclide Production Cross Section



149

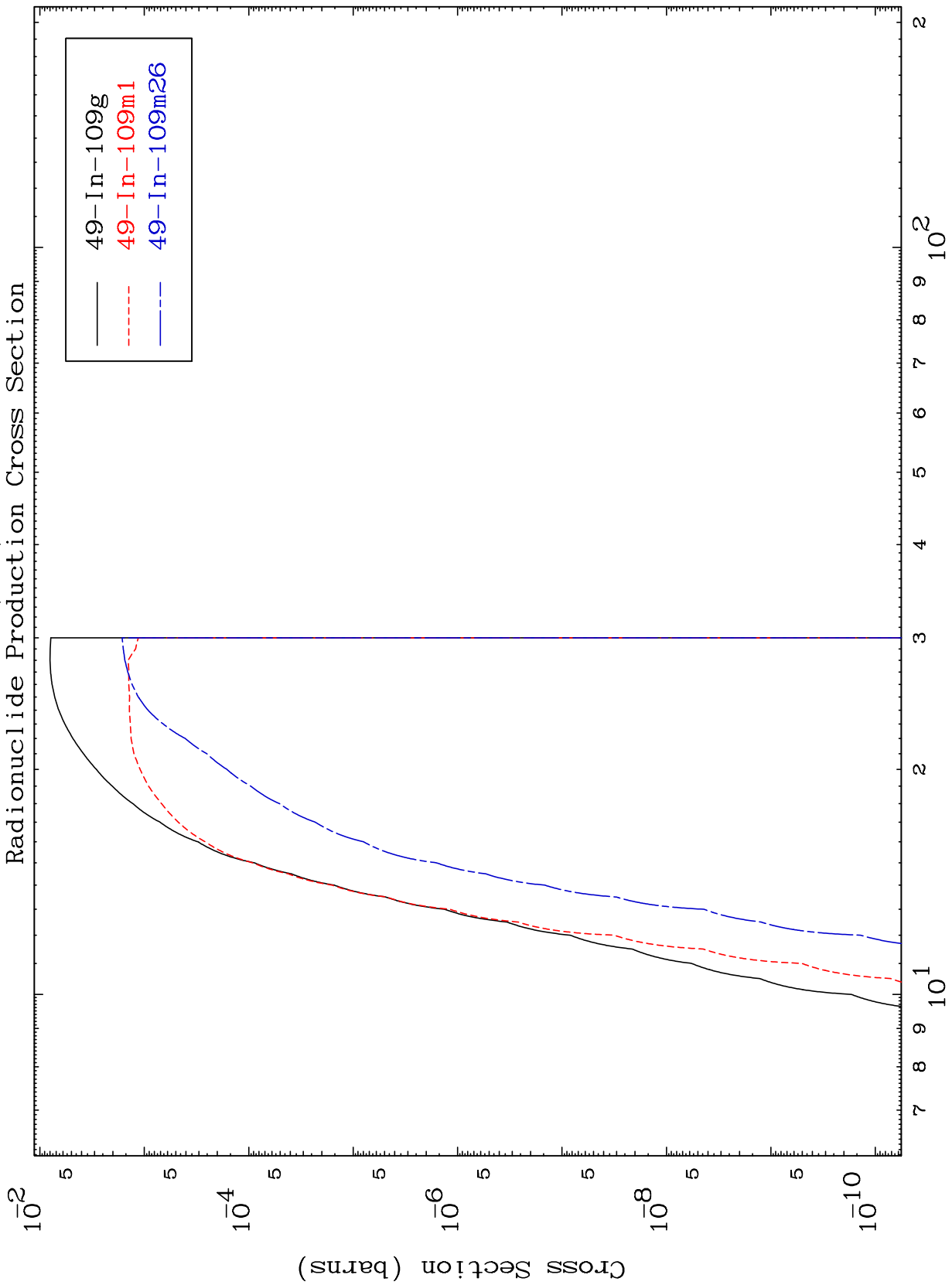
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n, t)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

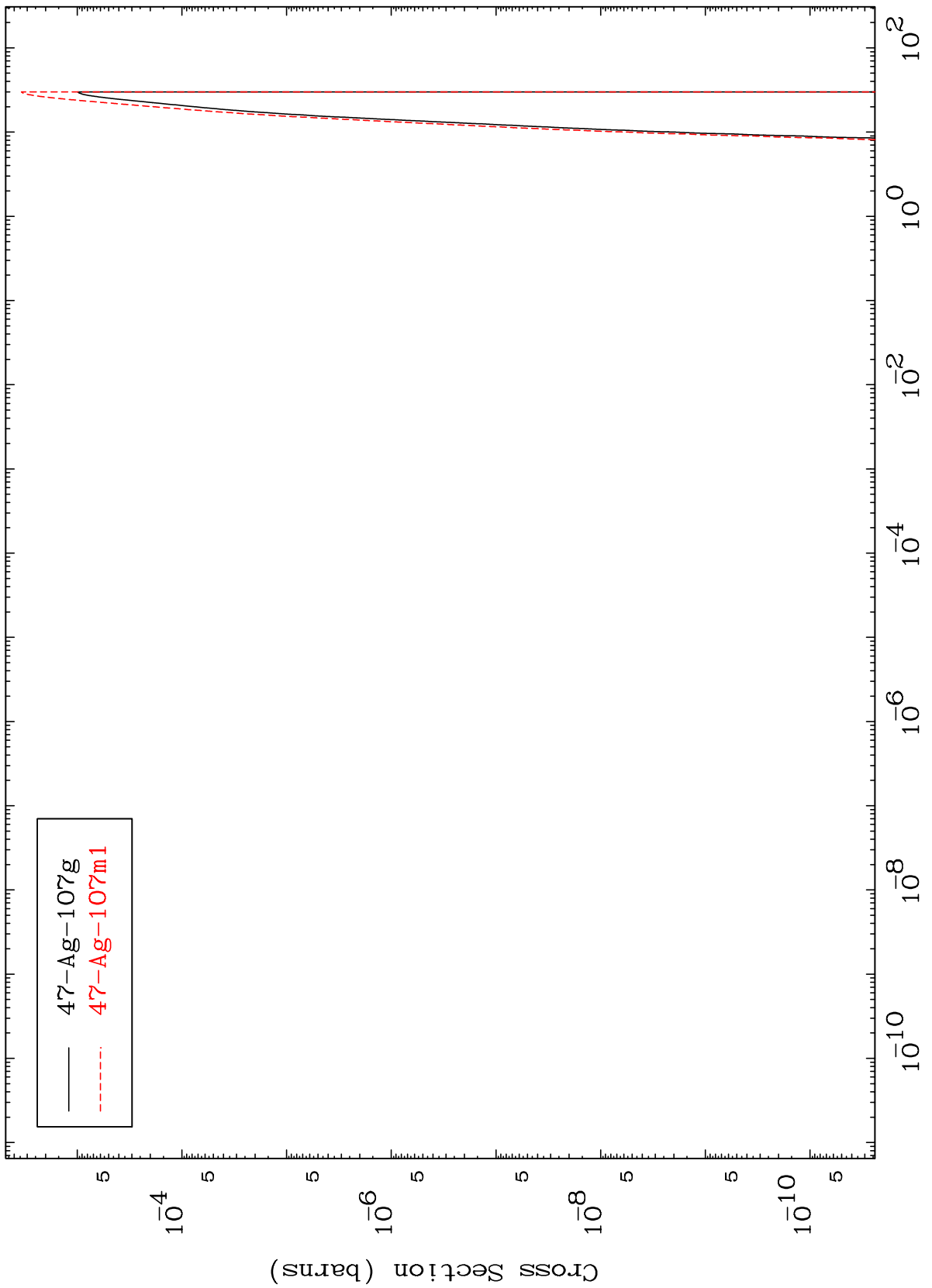
50-Sn-111

MAT 5022

(n,p) α

50-Sn-111

Radionuclide Production Cross Section

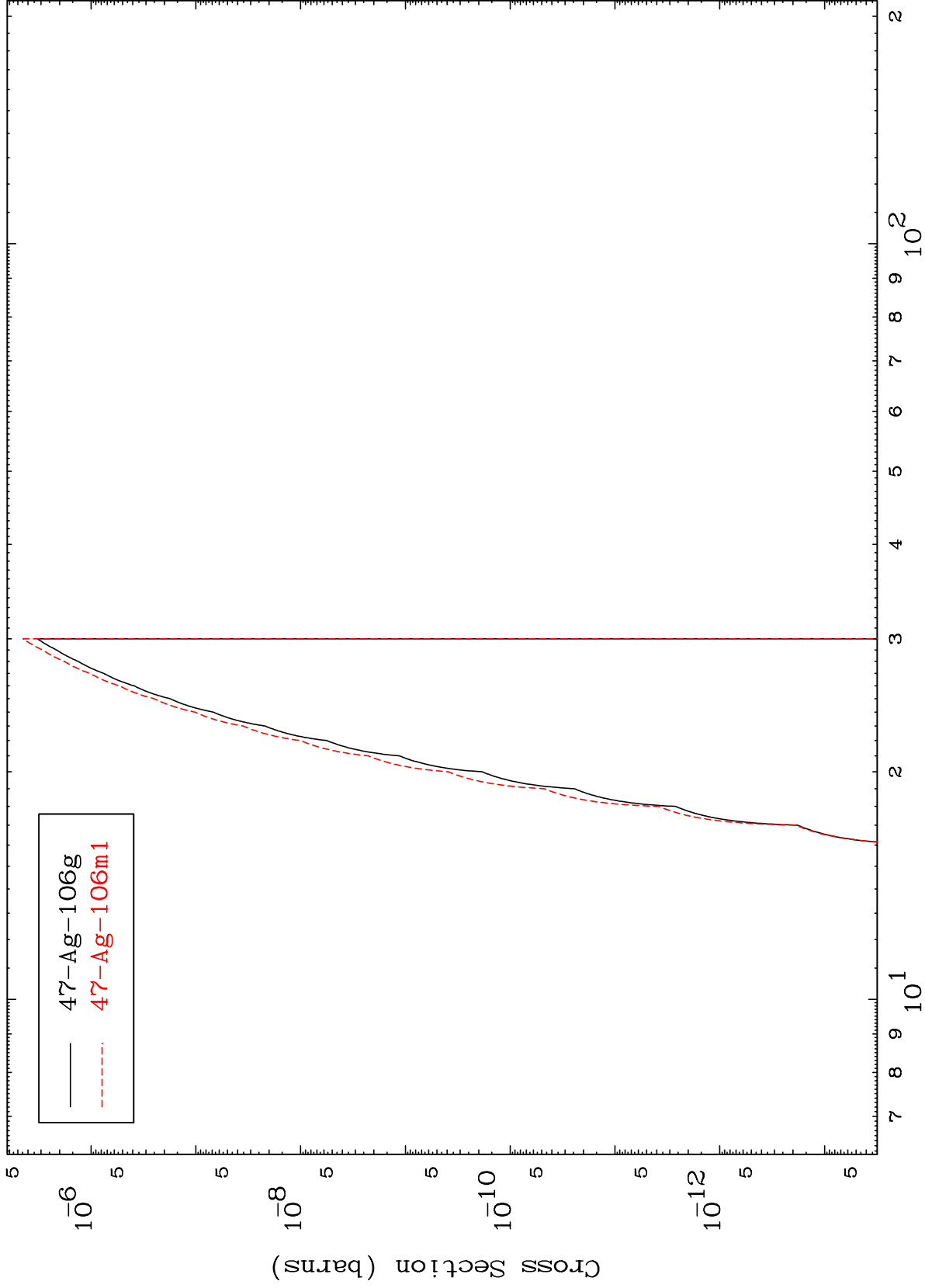


MAT 5022

(n,d) α

50-Sn-111

Radionuclide Production Cross Section



152

Incident Energy (MeV)

50-Sn-111