

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

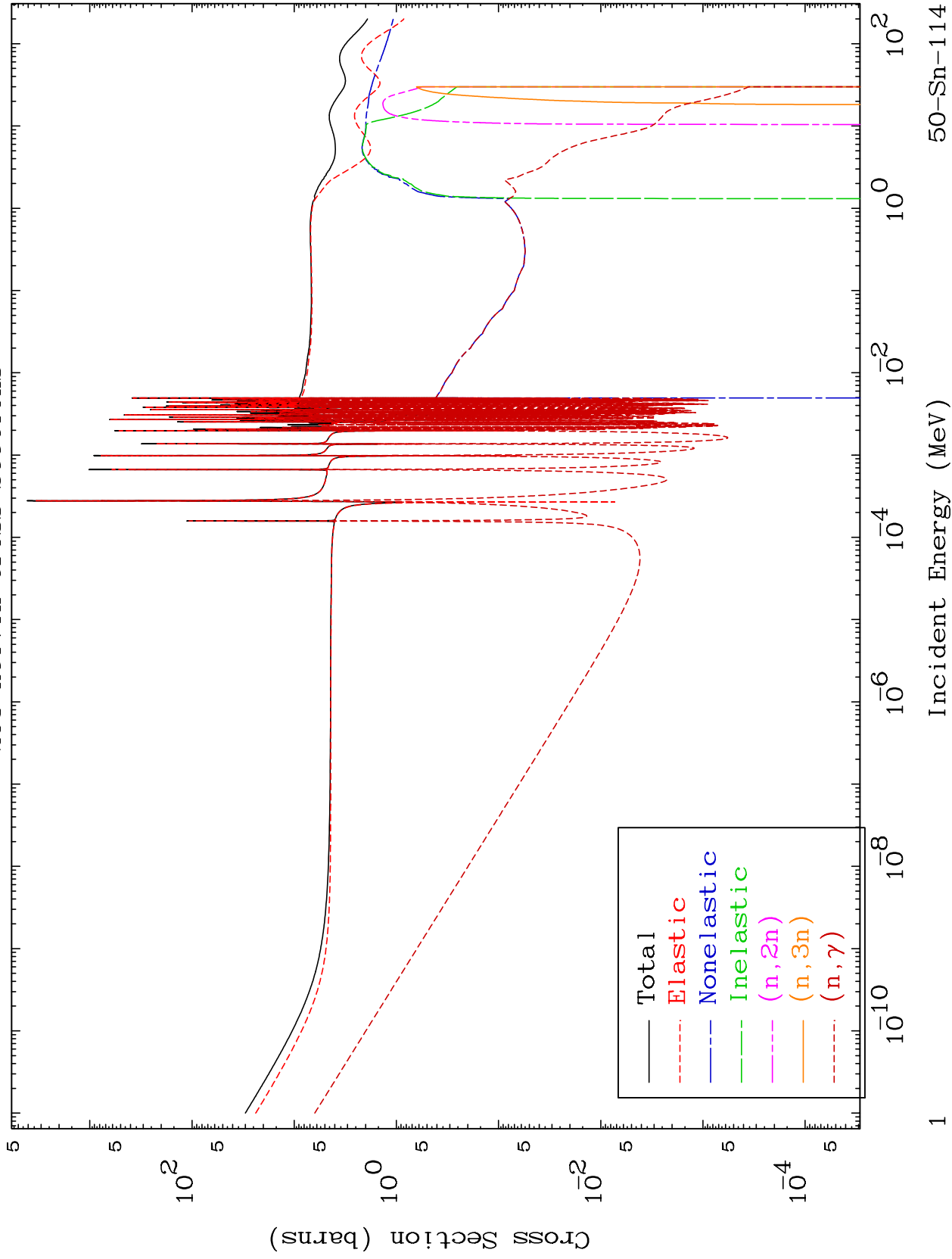
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5031

Neutron Major
293 Kelvin Cross Sections

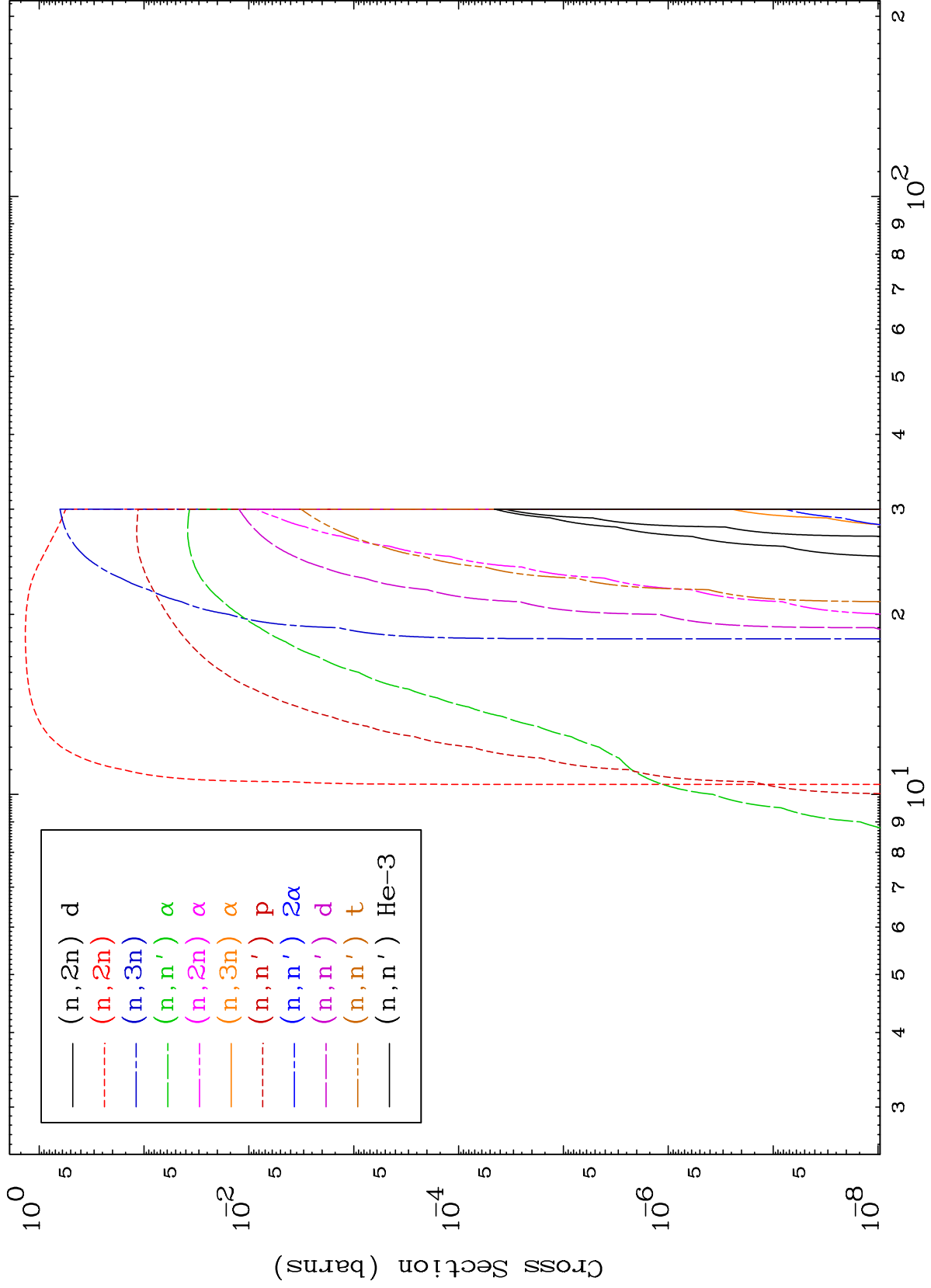
50-Sn-114



MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

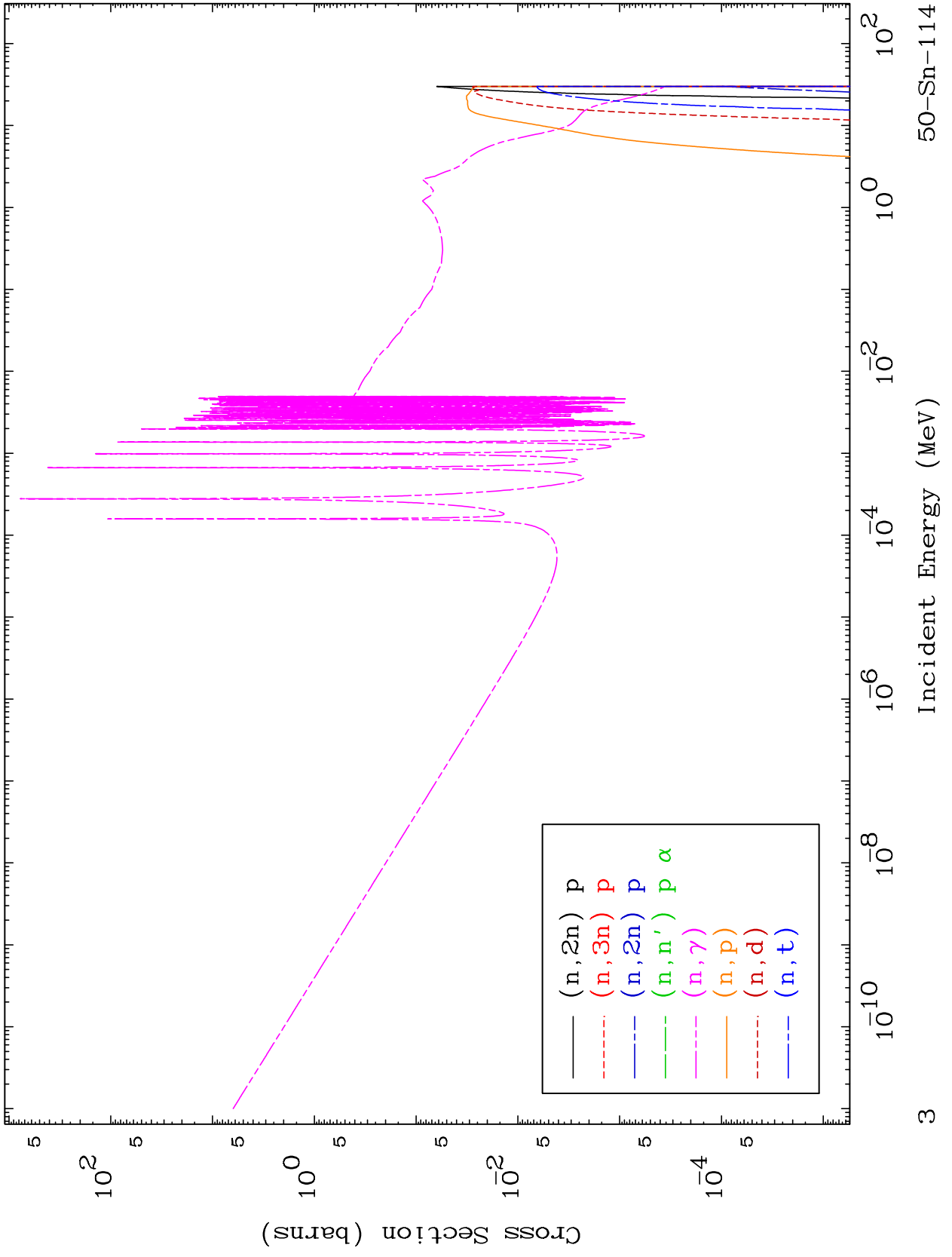
50-Sn-114



MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

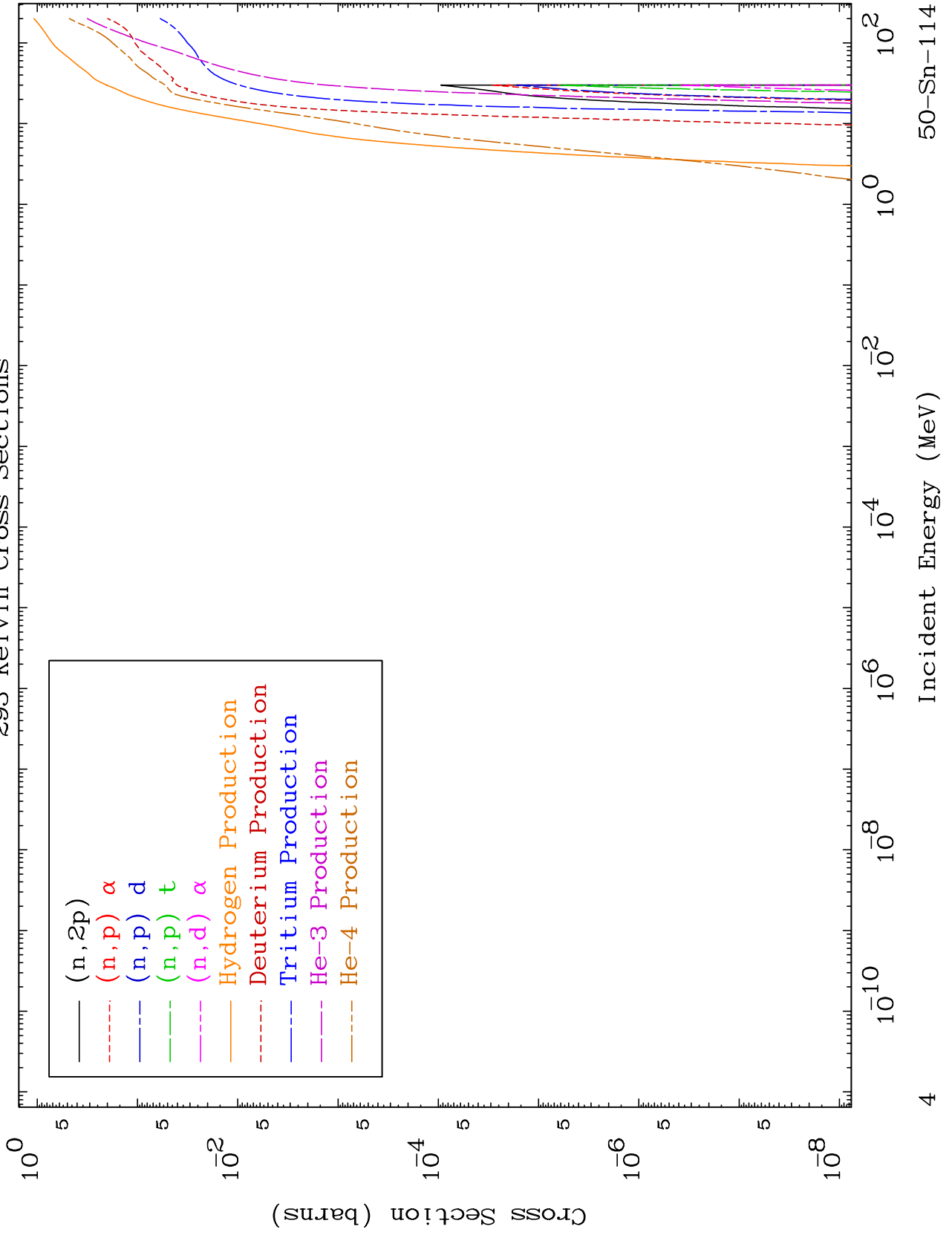
50-Sn-114



MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

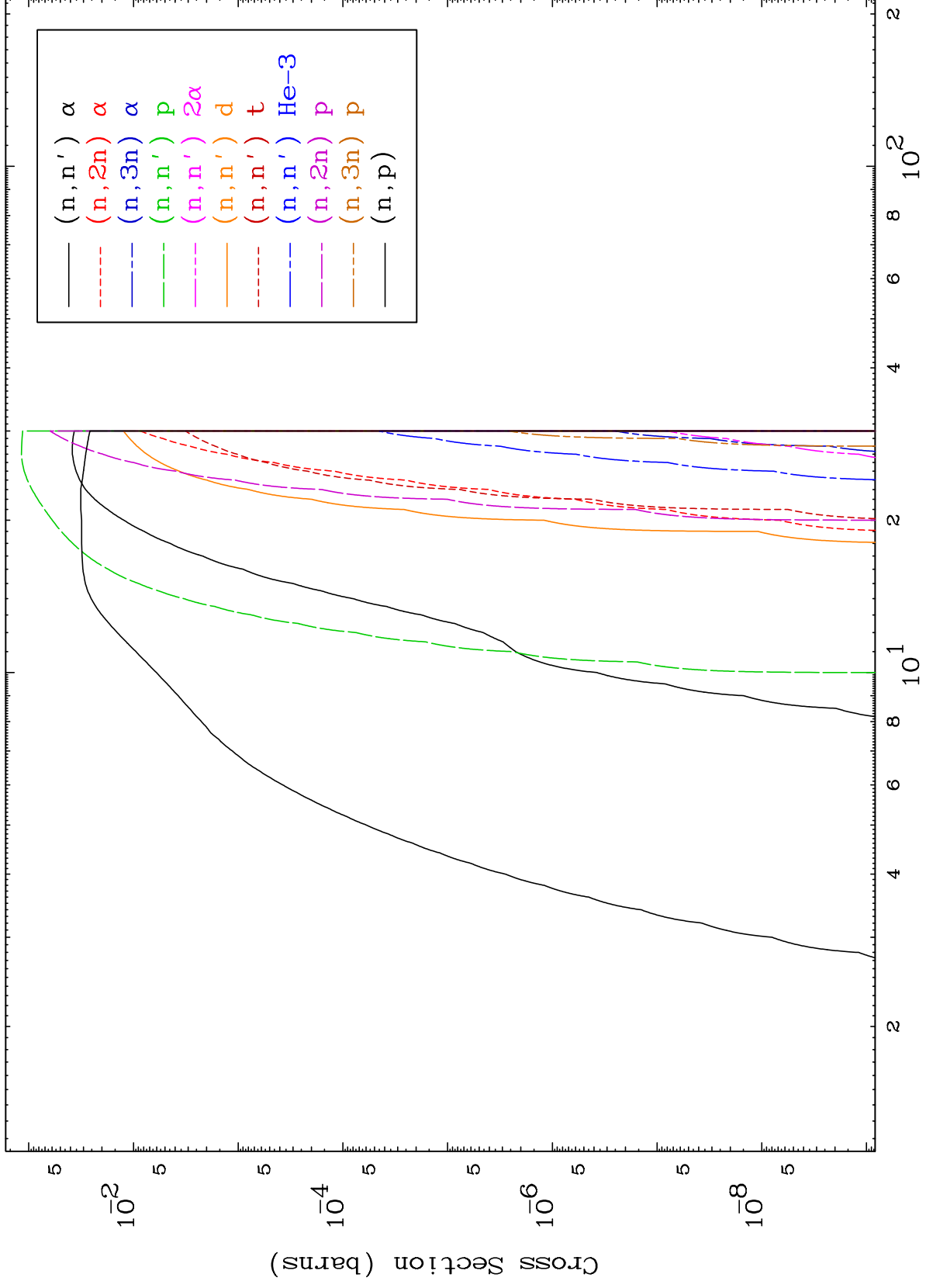
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

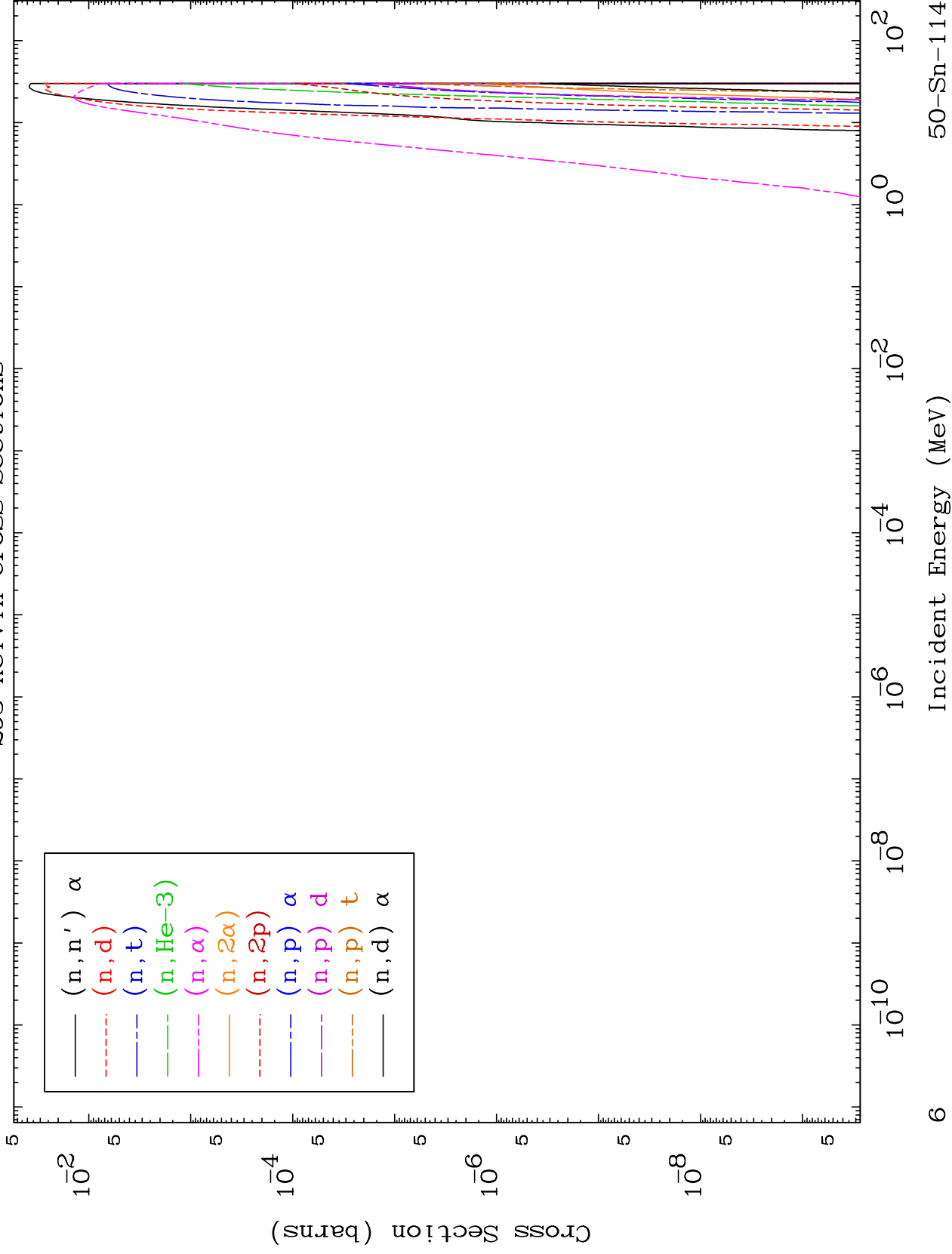
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

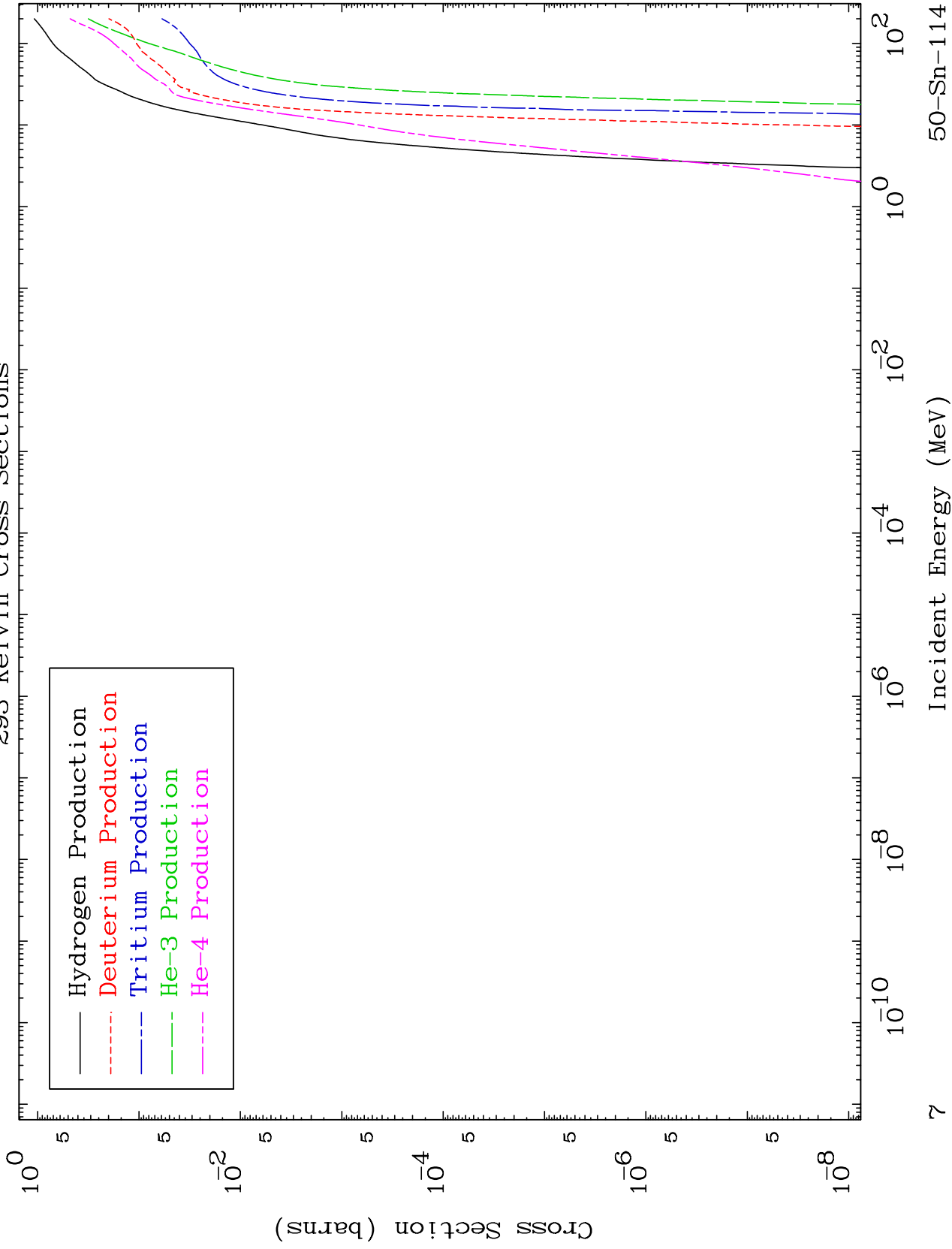
50-Sn-114



MAT 5031

Particle Production
293 Kelvin Cross Sections

50-Sn-114

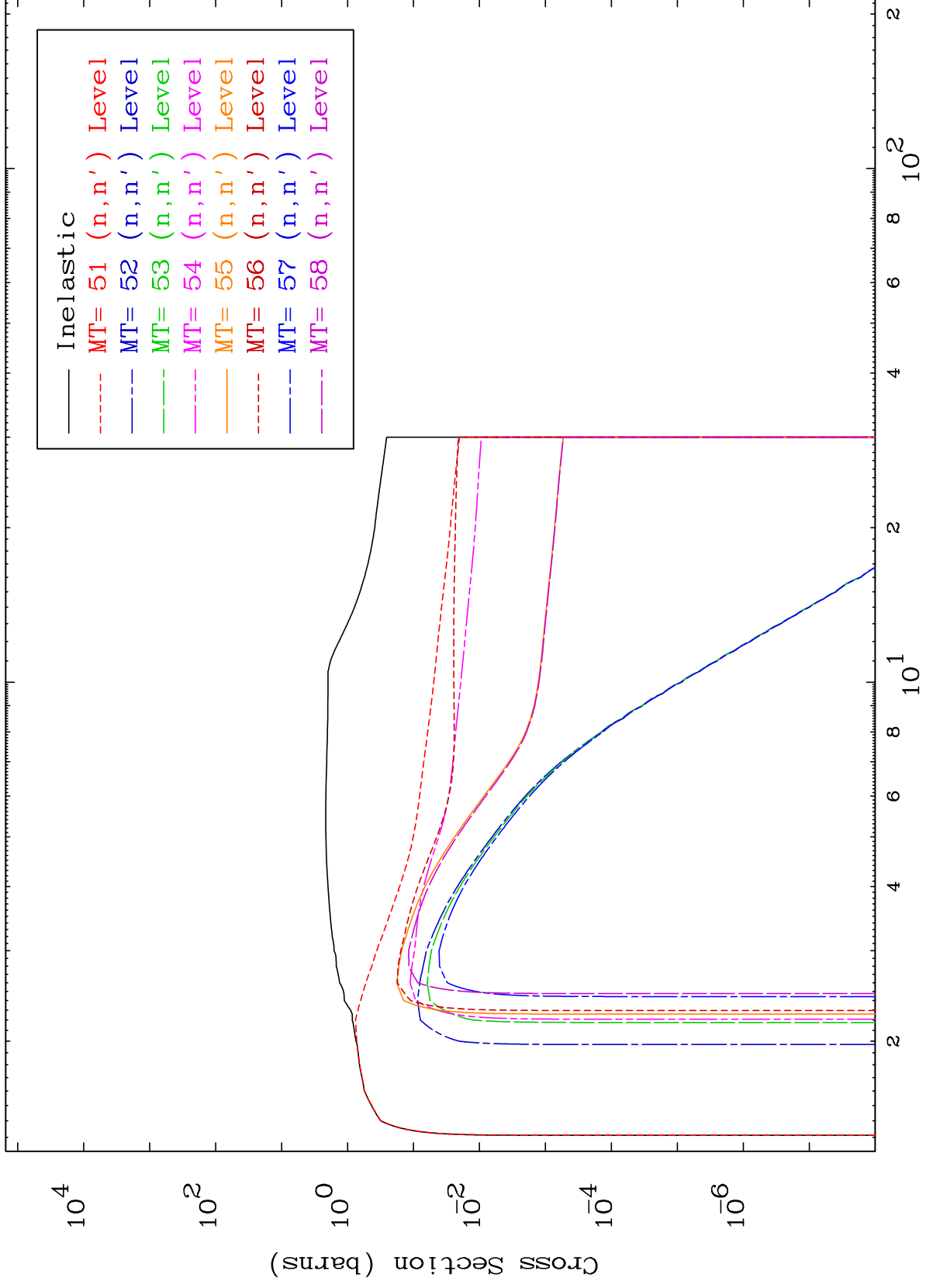


MAT 5031

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-114



8

Incident Energy (MeV)

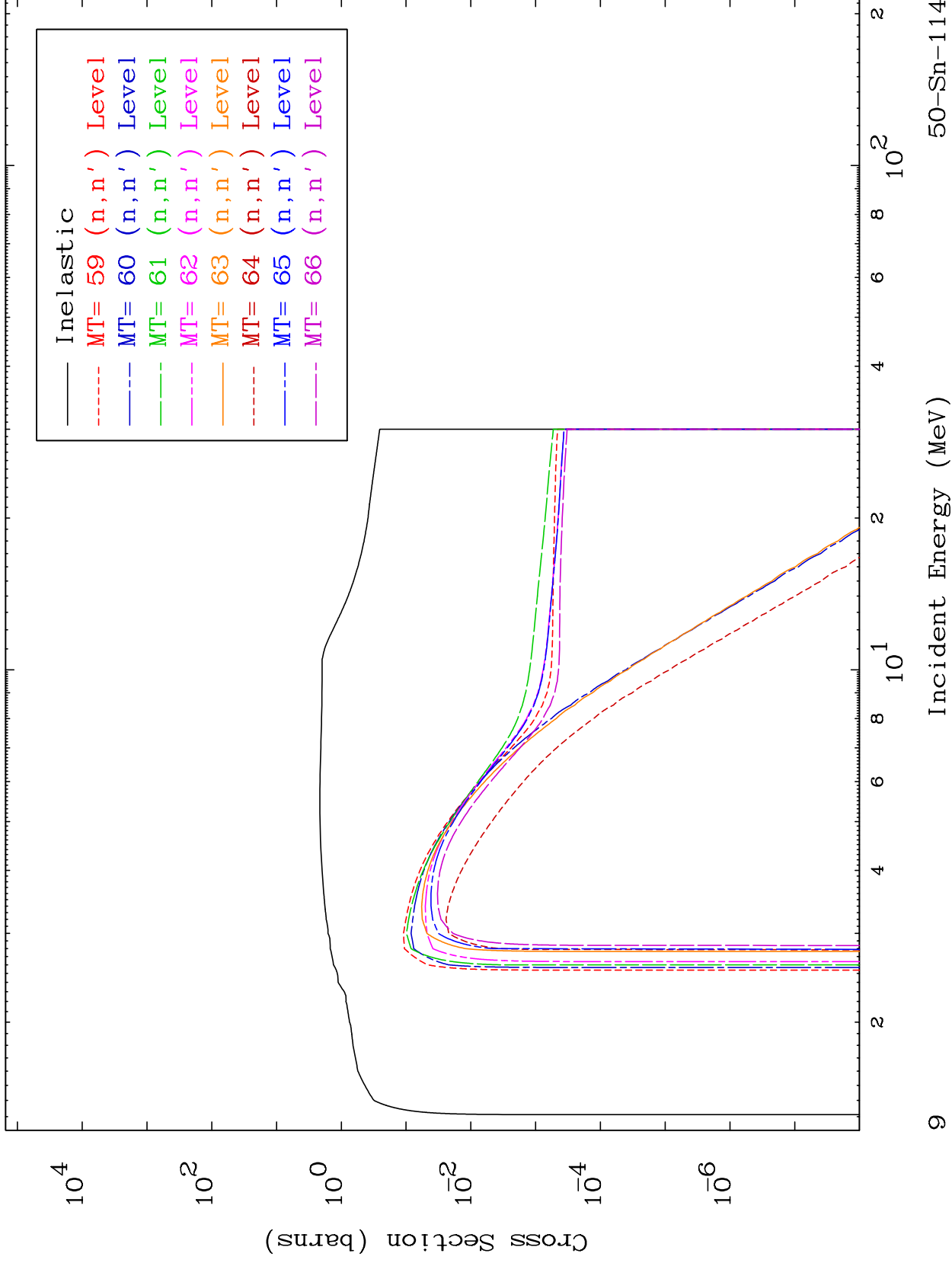
50-Sn-114

MAT 5031

(n,n') Levels

50-Sn-114

293 Kelvin Cross Sections

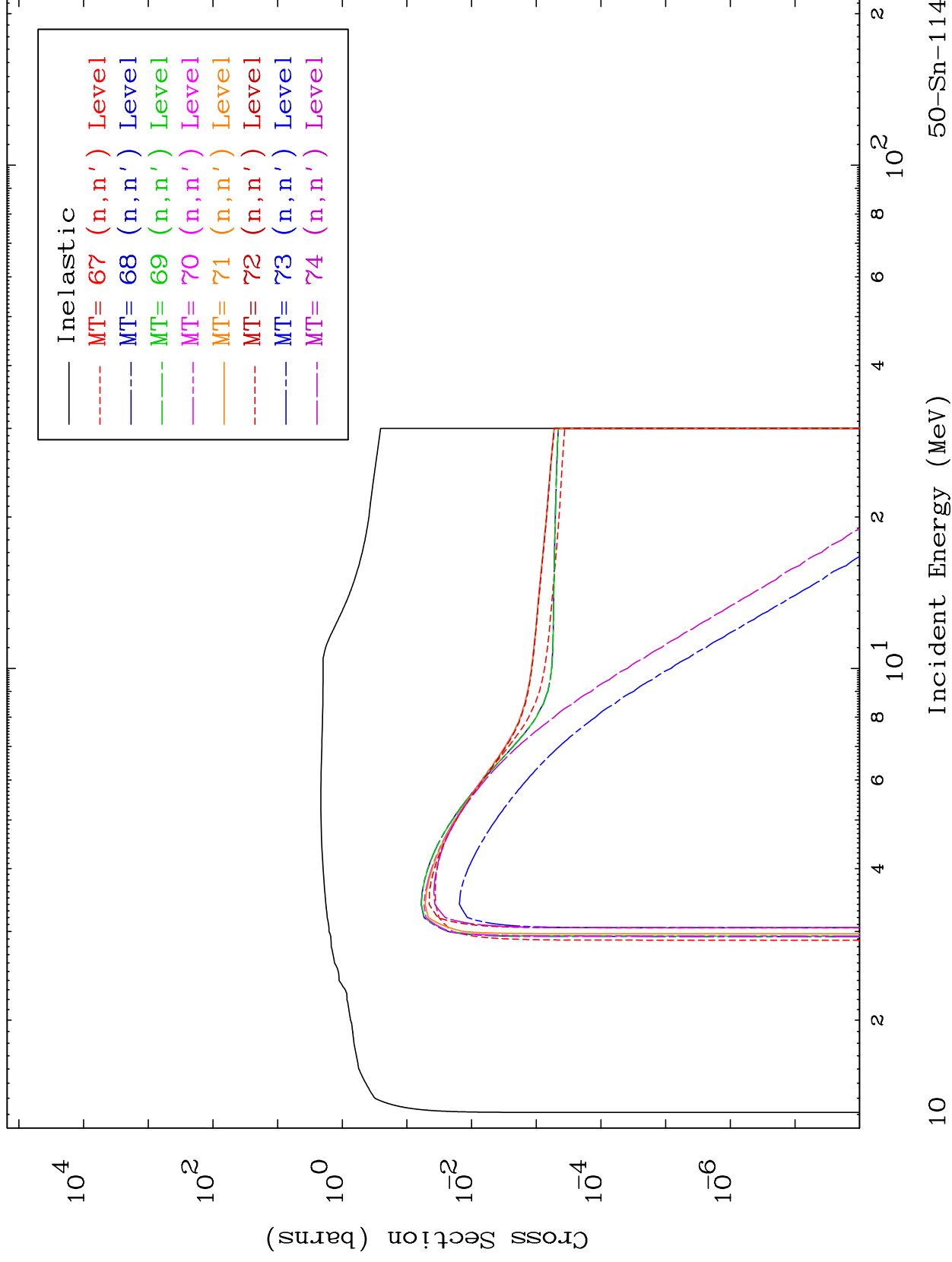


MAT 5031

(n,n') Levels

293 Kelvin Cross Sections

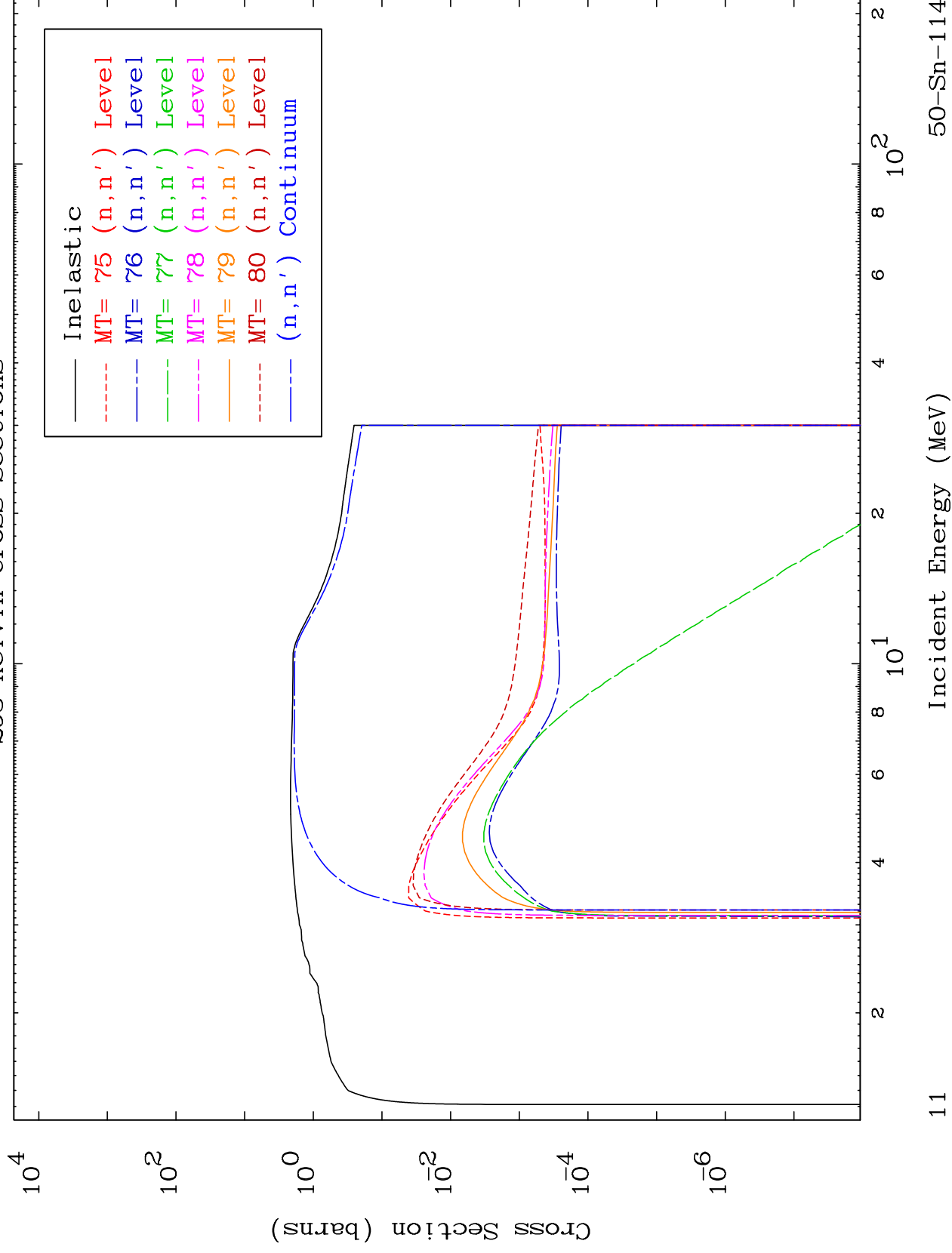
50-Sn-114



10

Incident Energy (MeV)

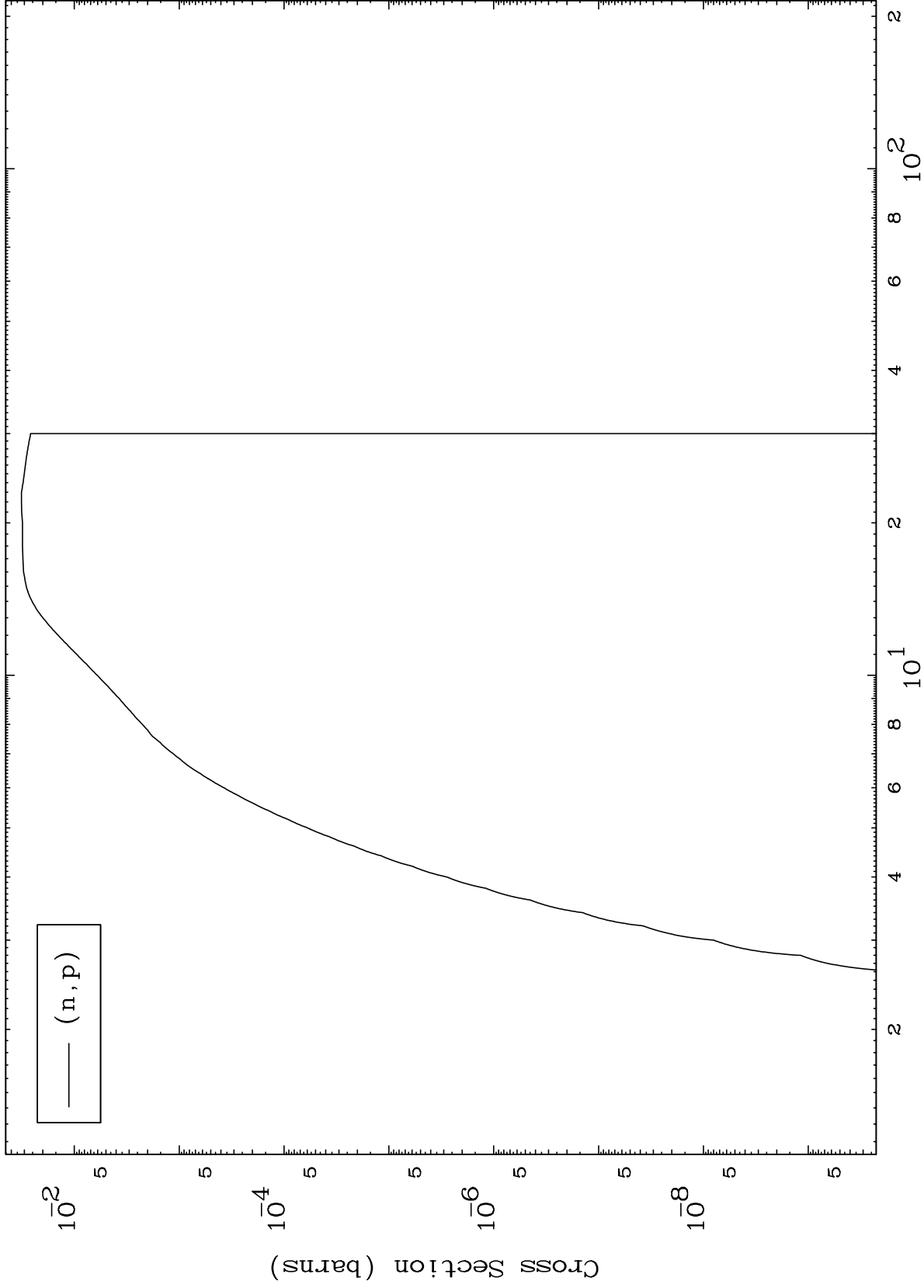
50-Sn-114



MAT 5031

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-114



12

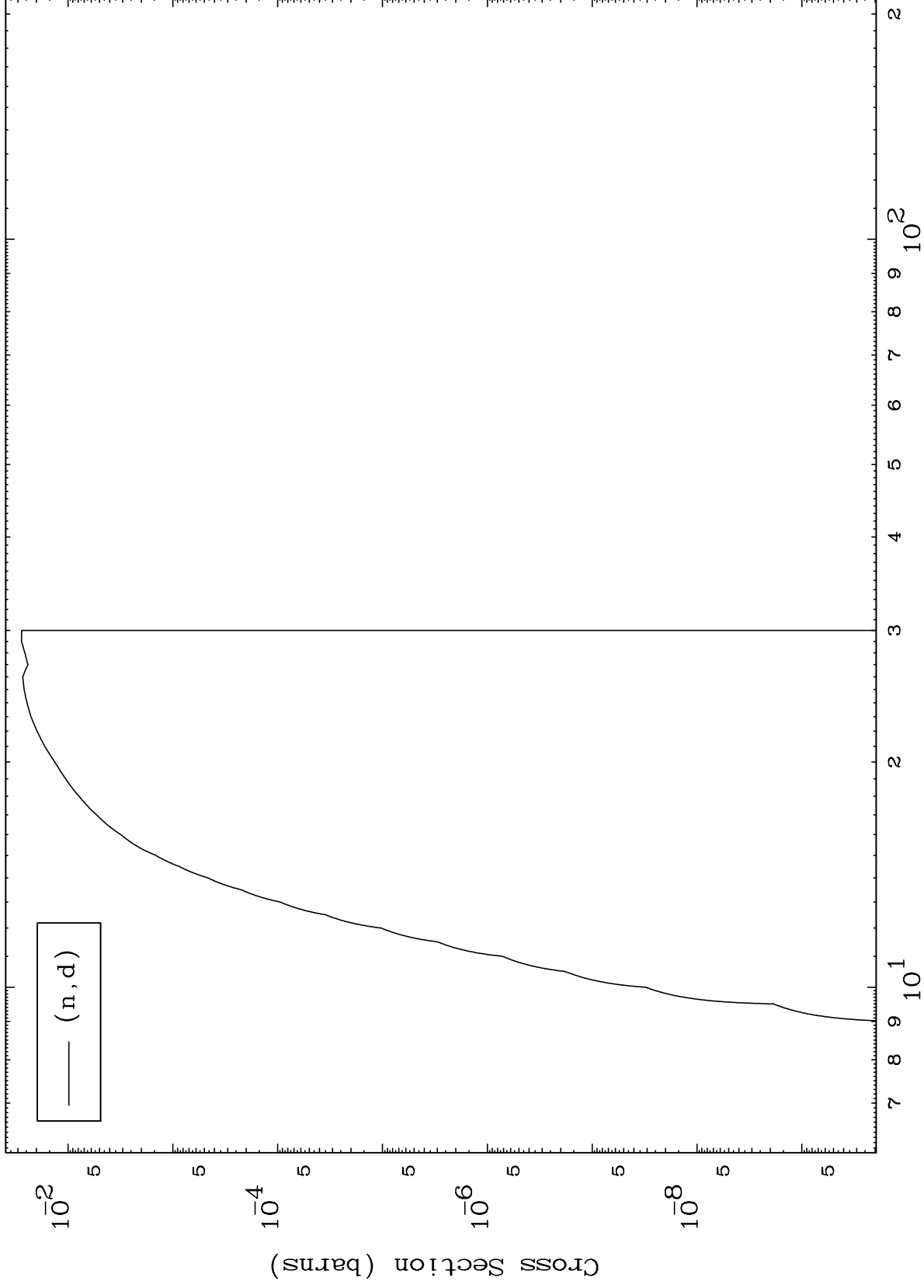
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-114



13

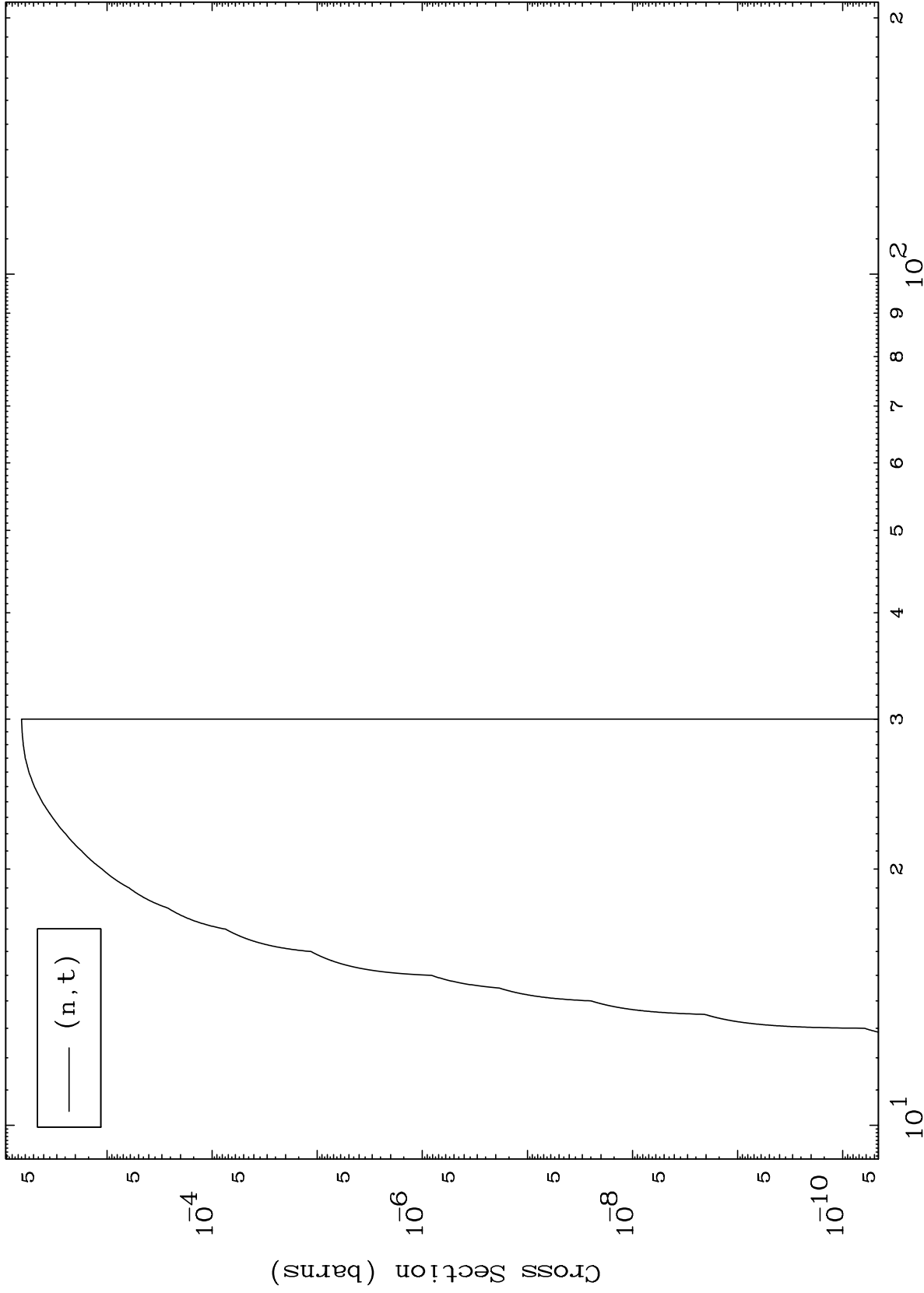
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-114



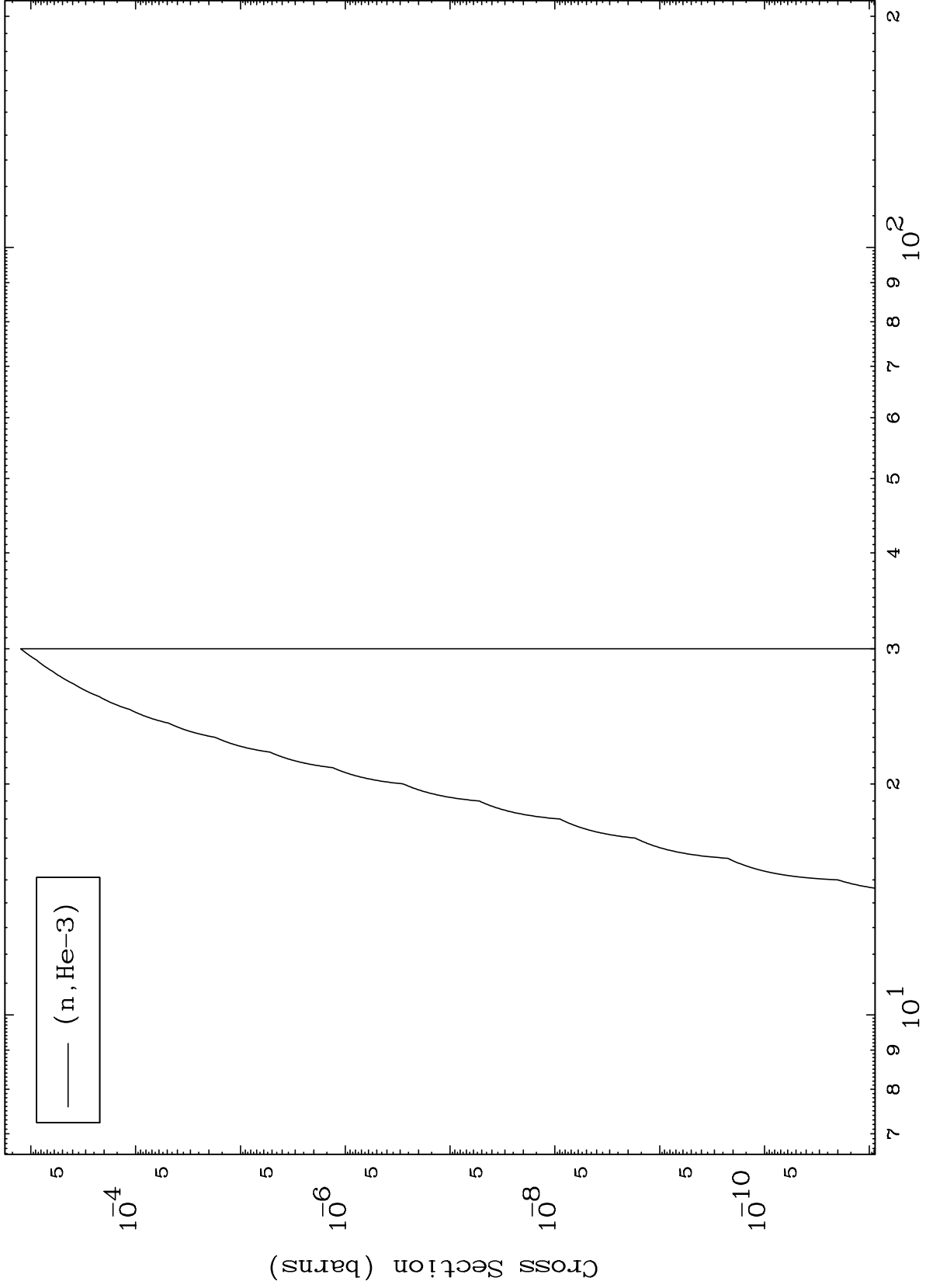
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-114



15

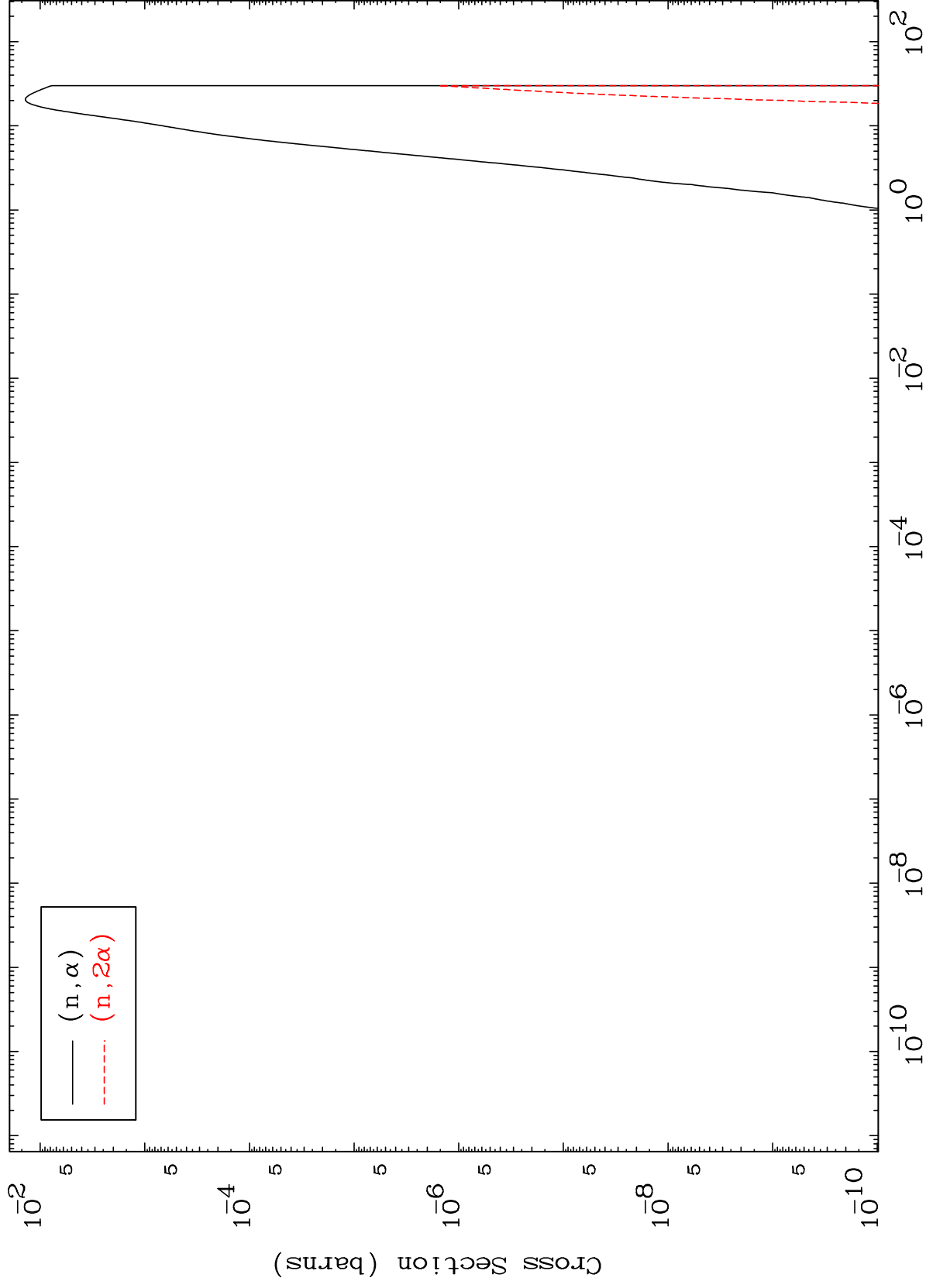
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-114



16

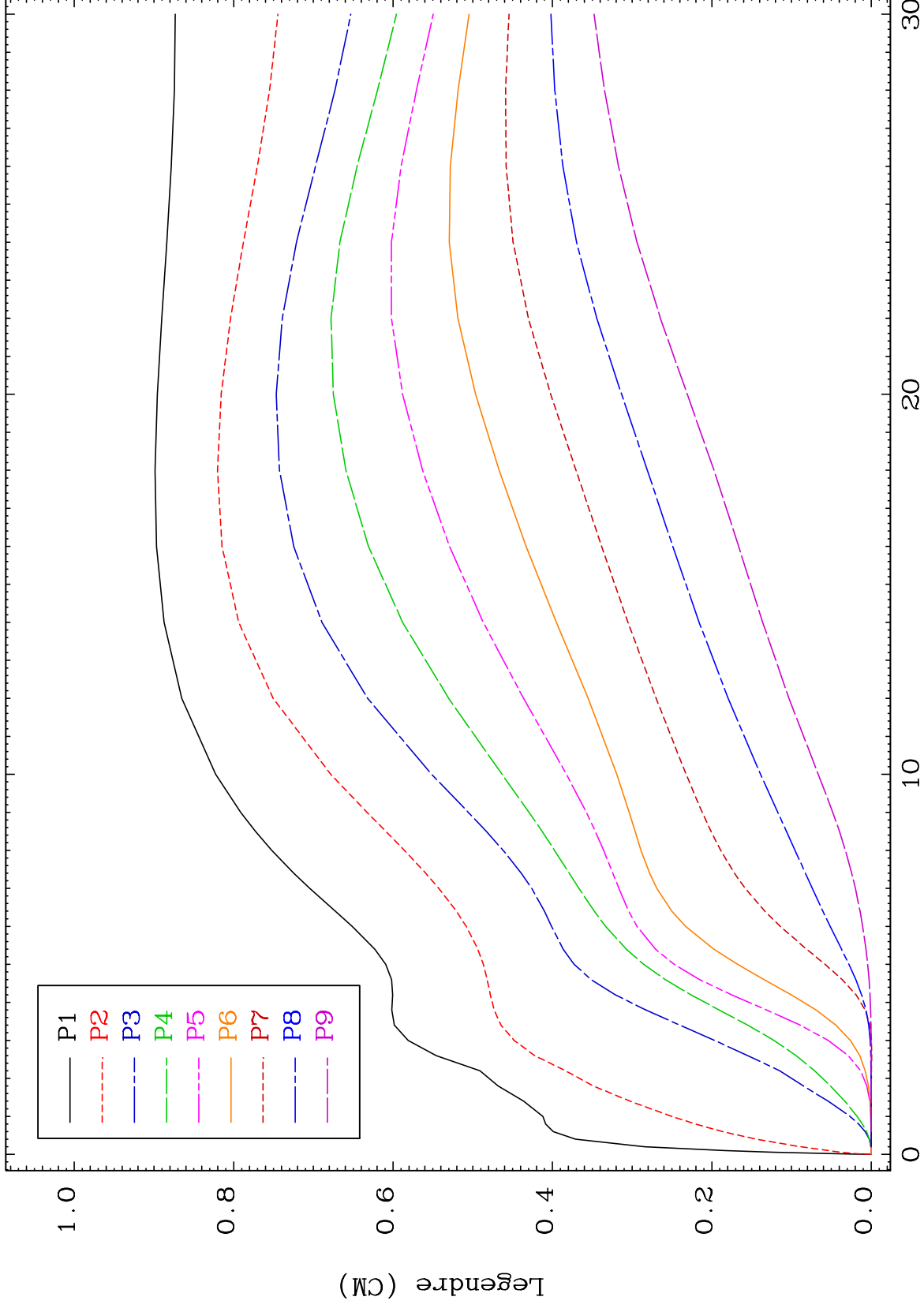
Incident Energy (MeV)

50-Sn-114

MAT 5031

Elastic Legendre Coefficients

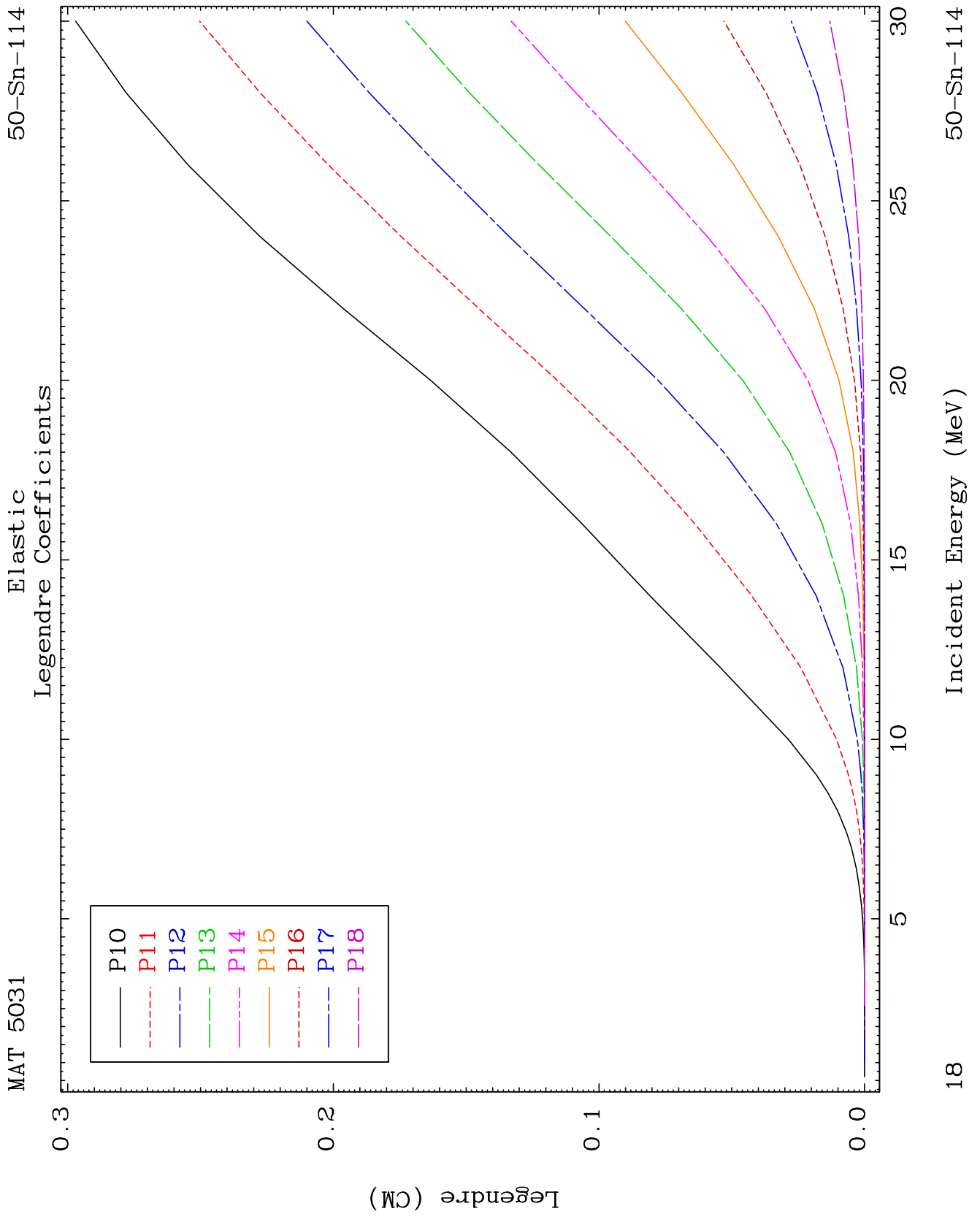
50-Sn-114



17

Incident Energy (MeV)

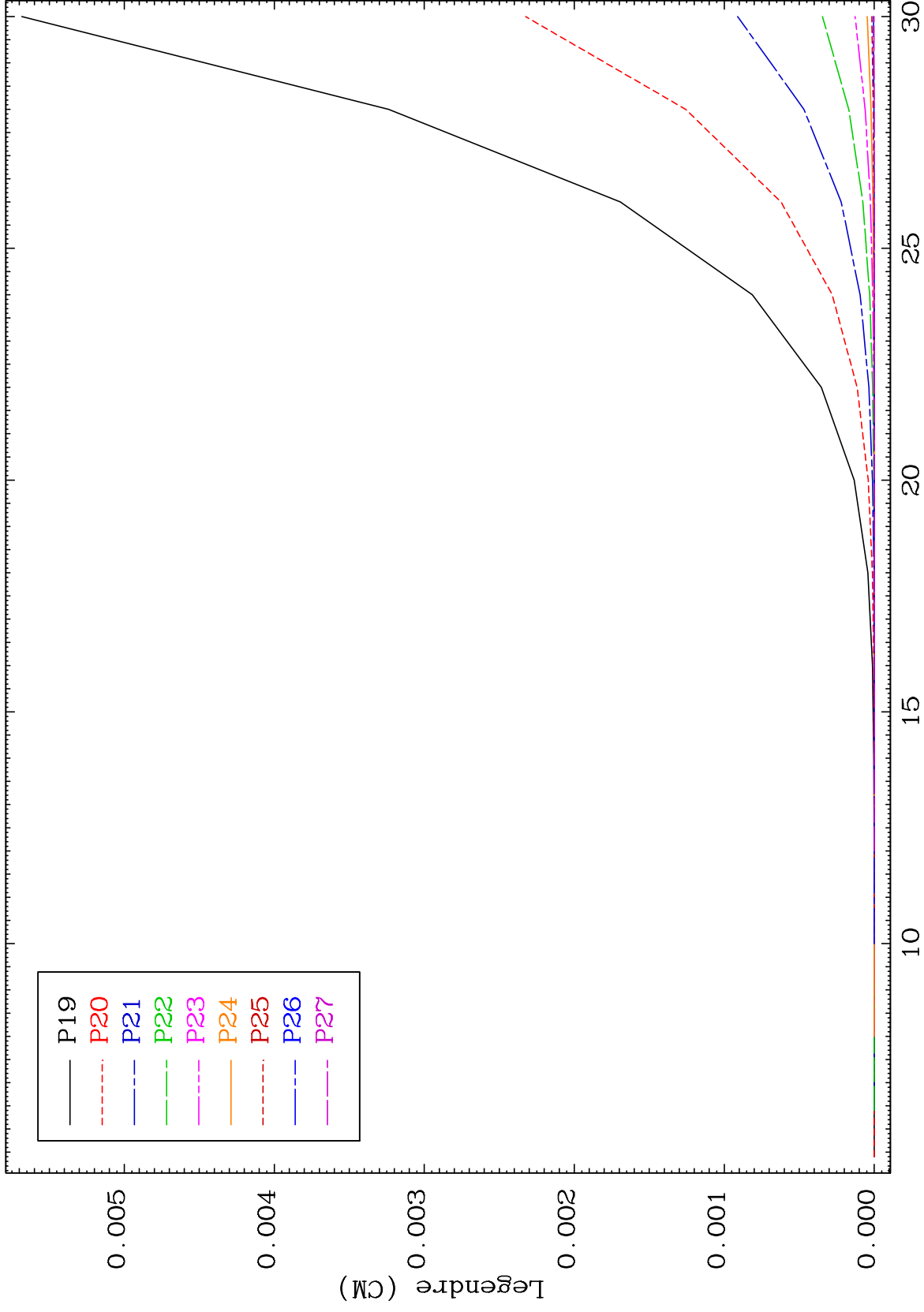
50-Sn-114



MAT 5031

Elastic
Legendre Coefficients

50-Sn-114



19

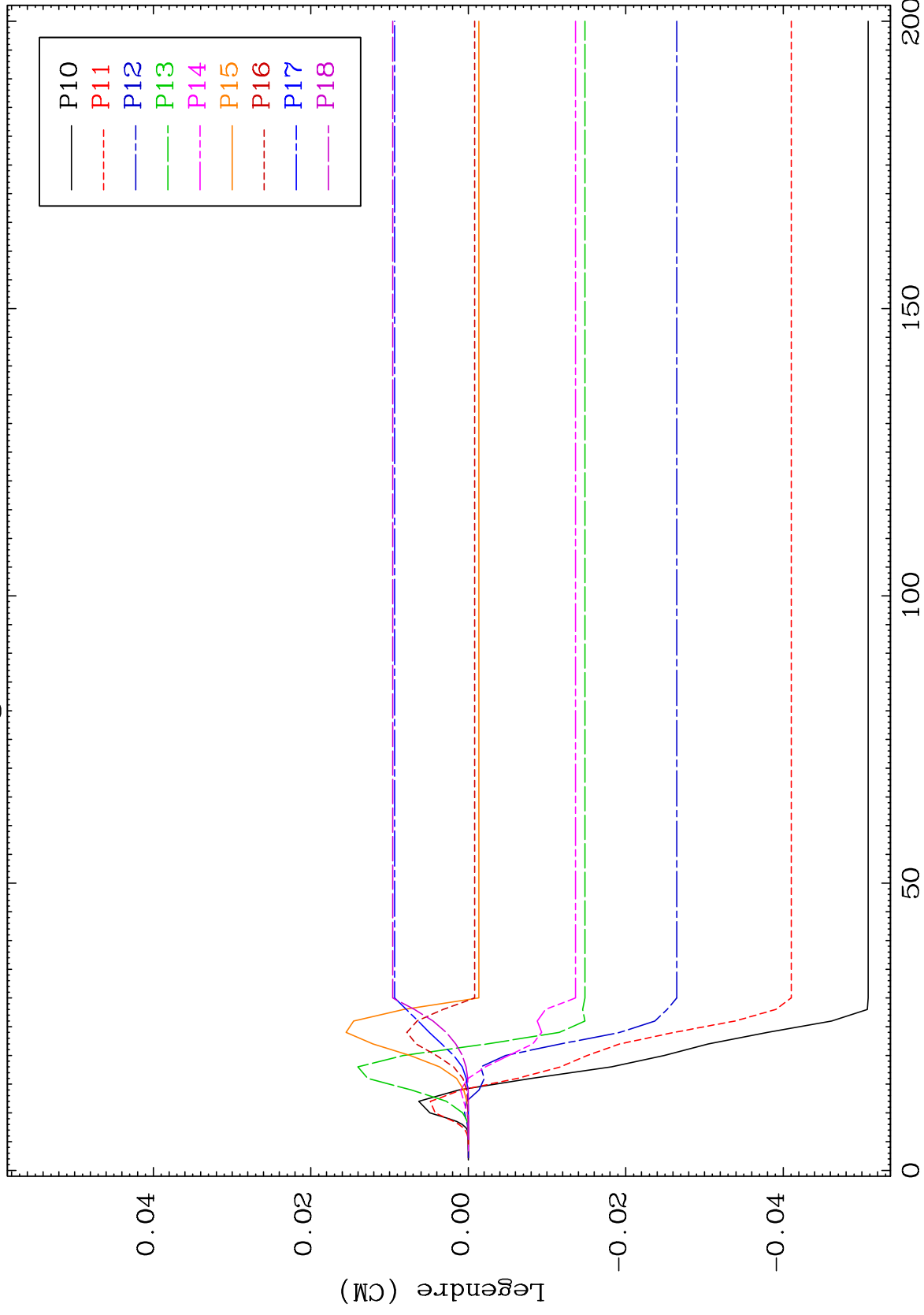
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

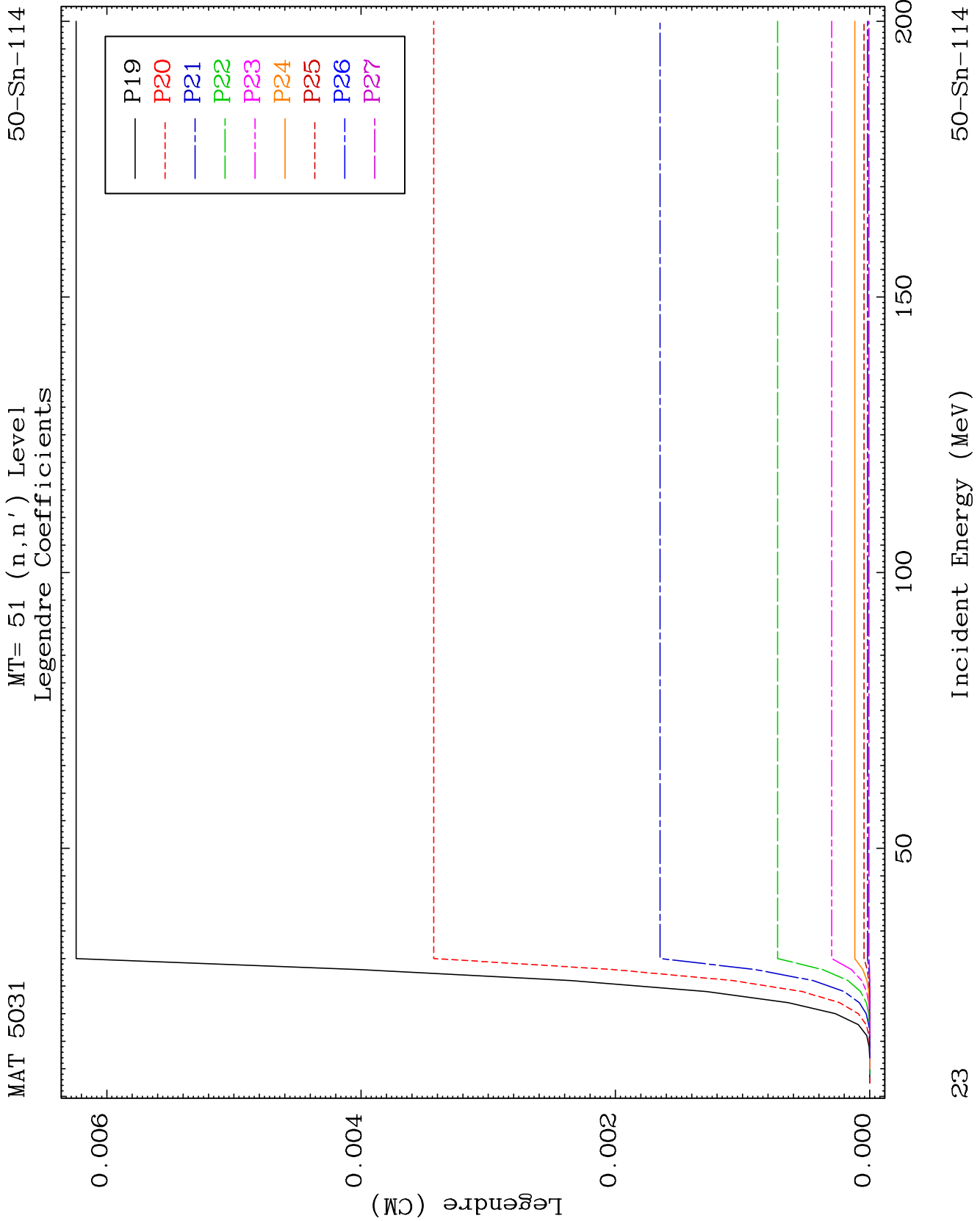
50-Sn-114

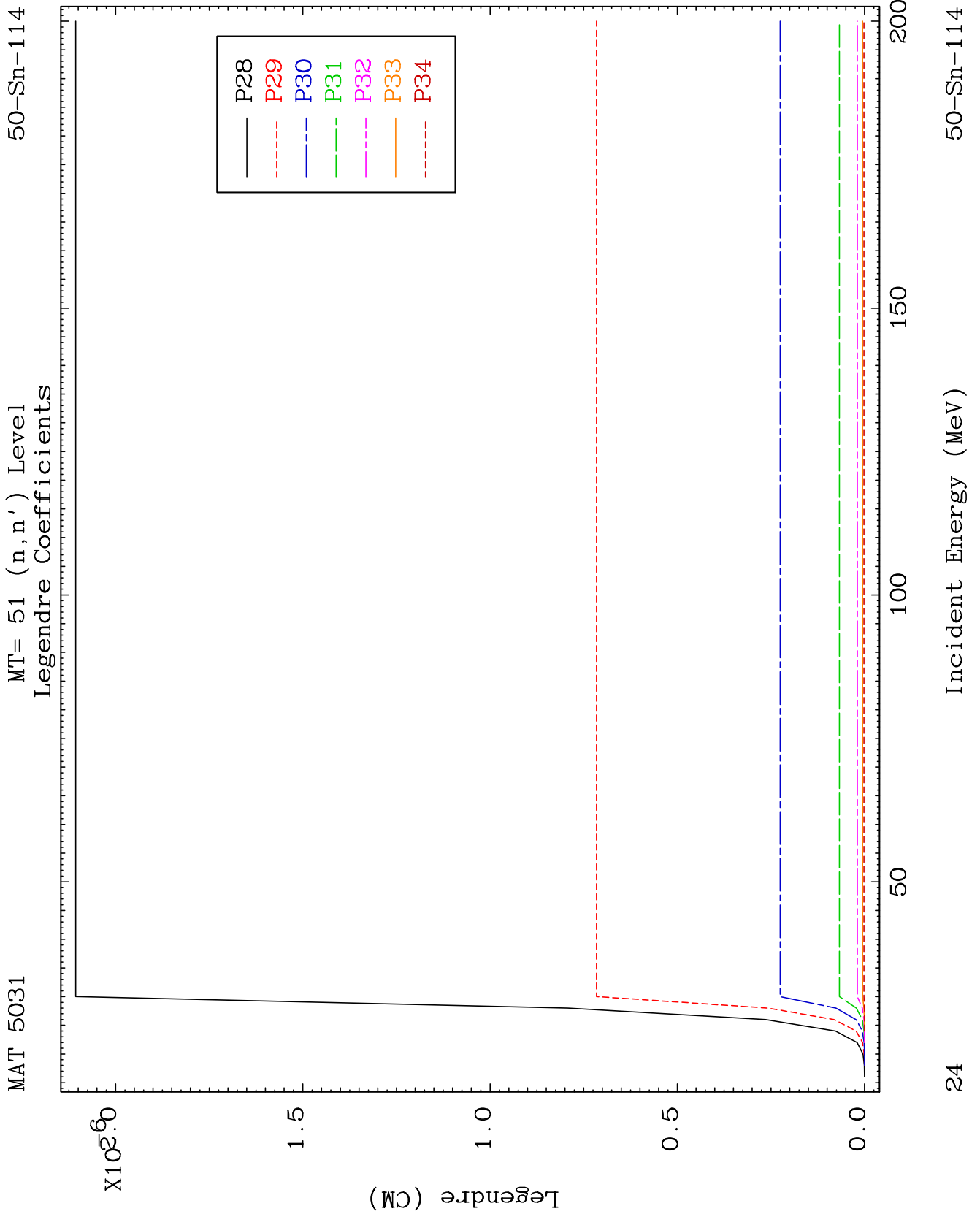


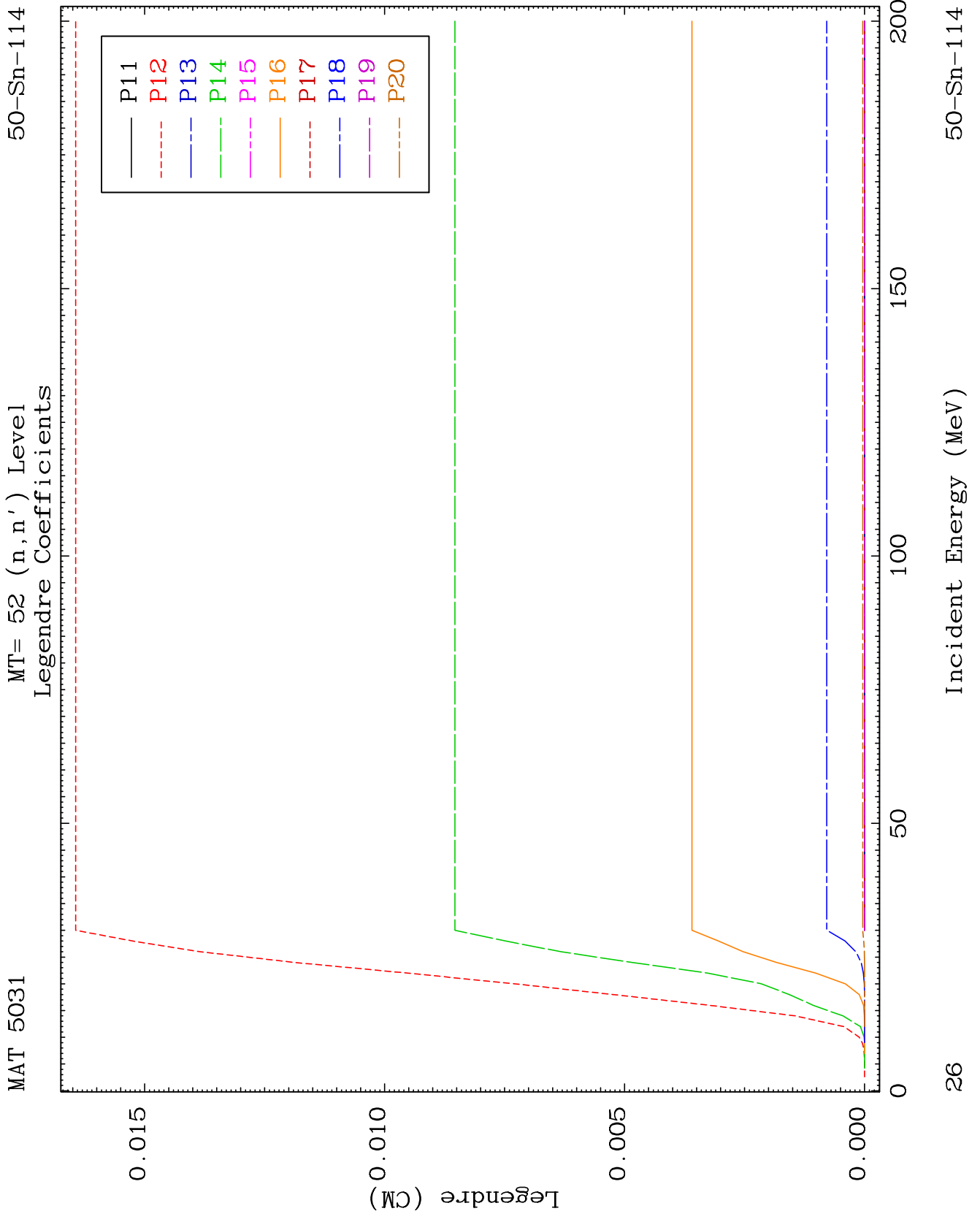
22

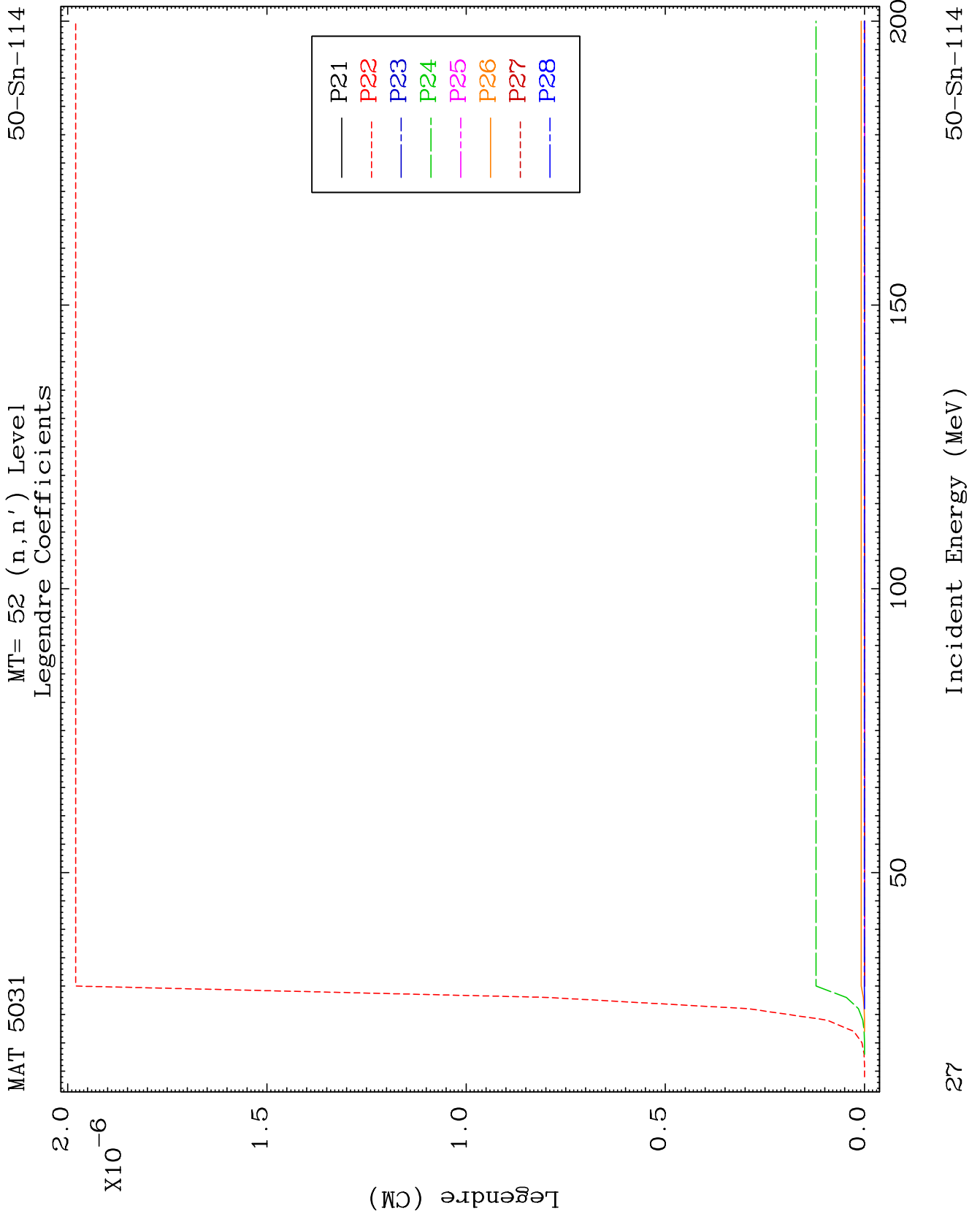
Incident Energy (MeV)

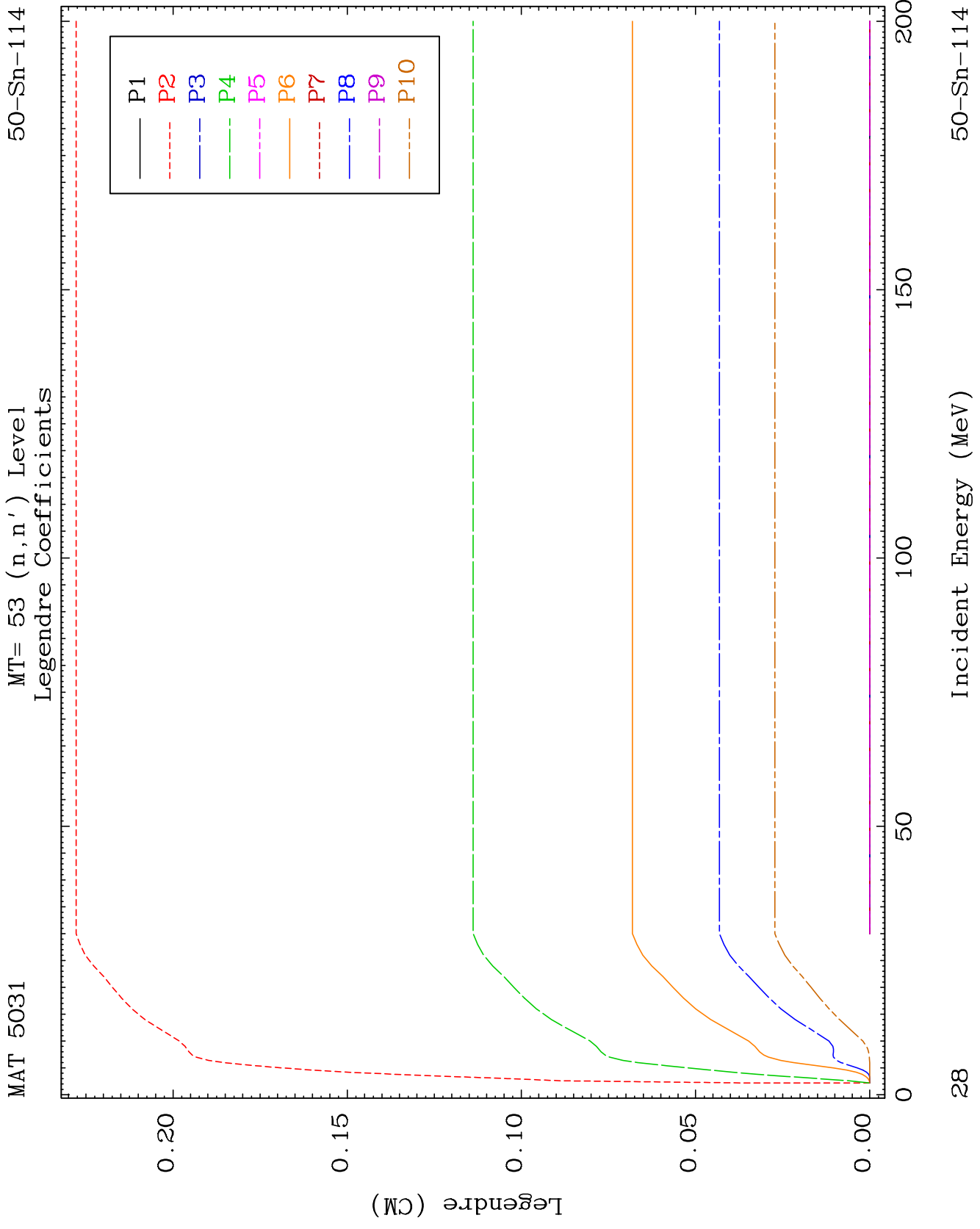
50-Sn-114

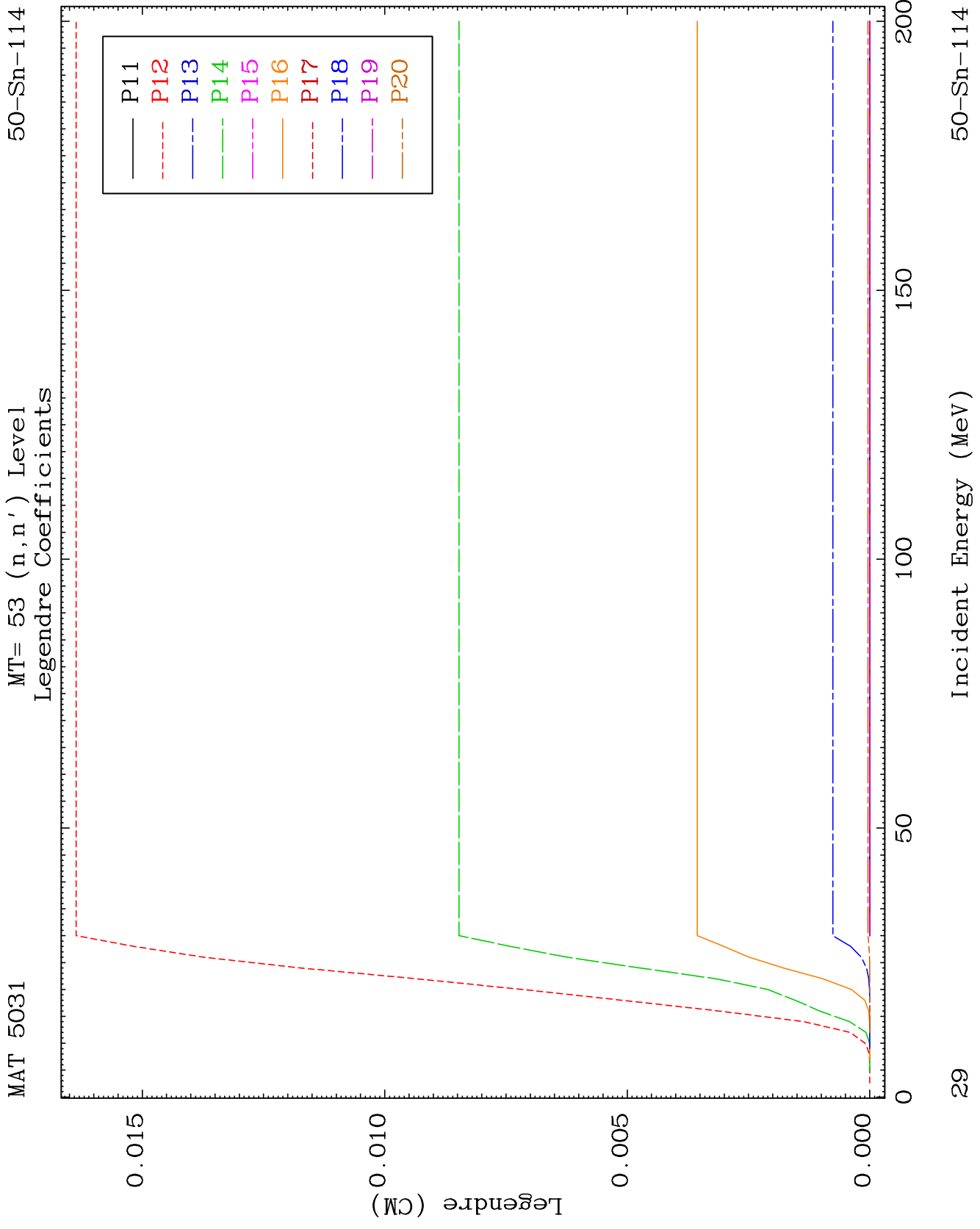


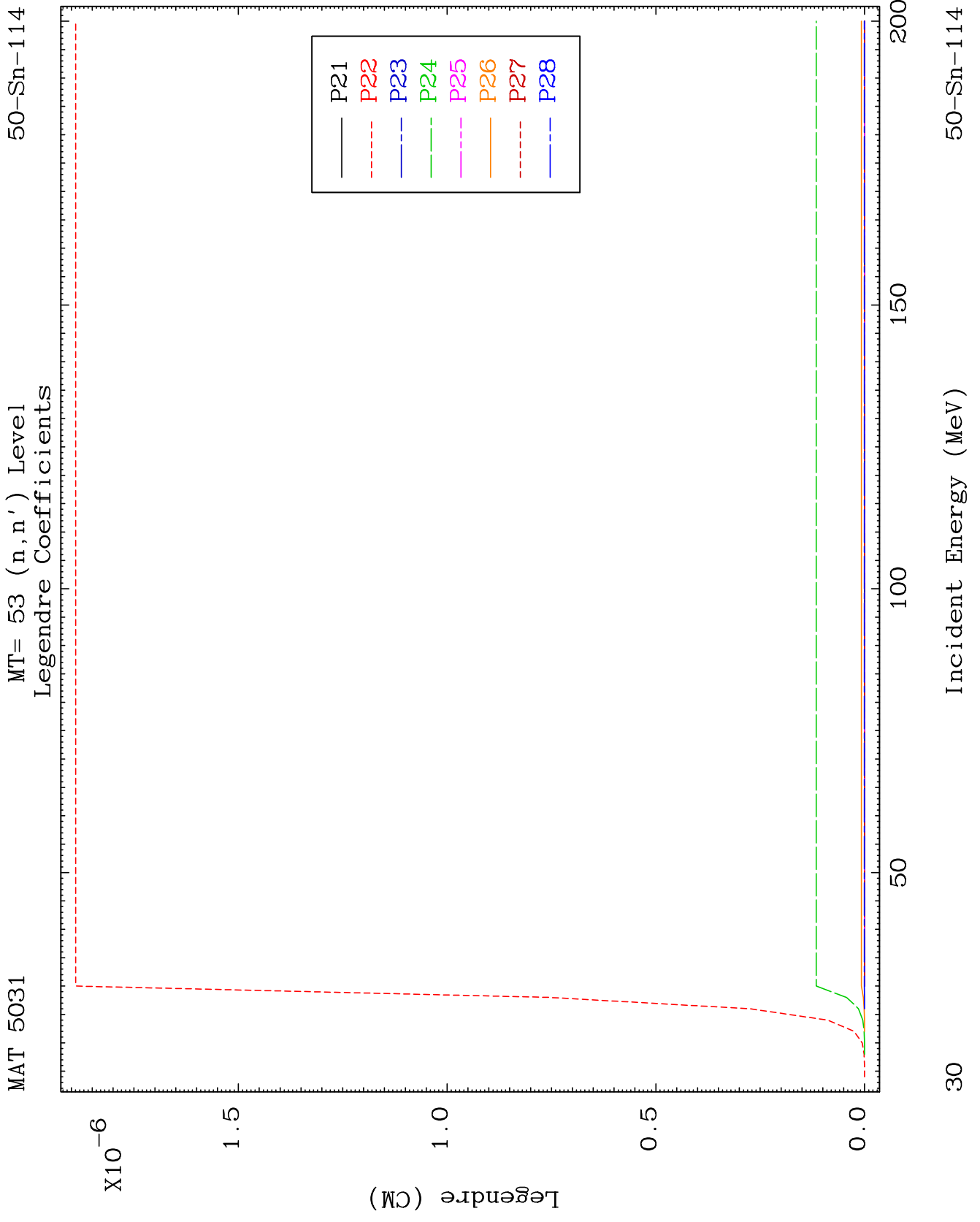








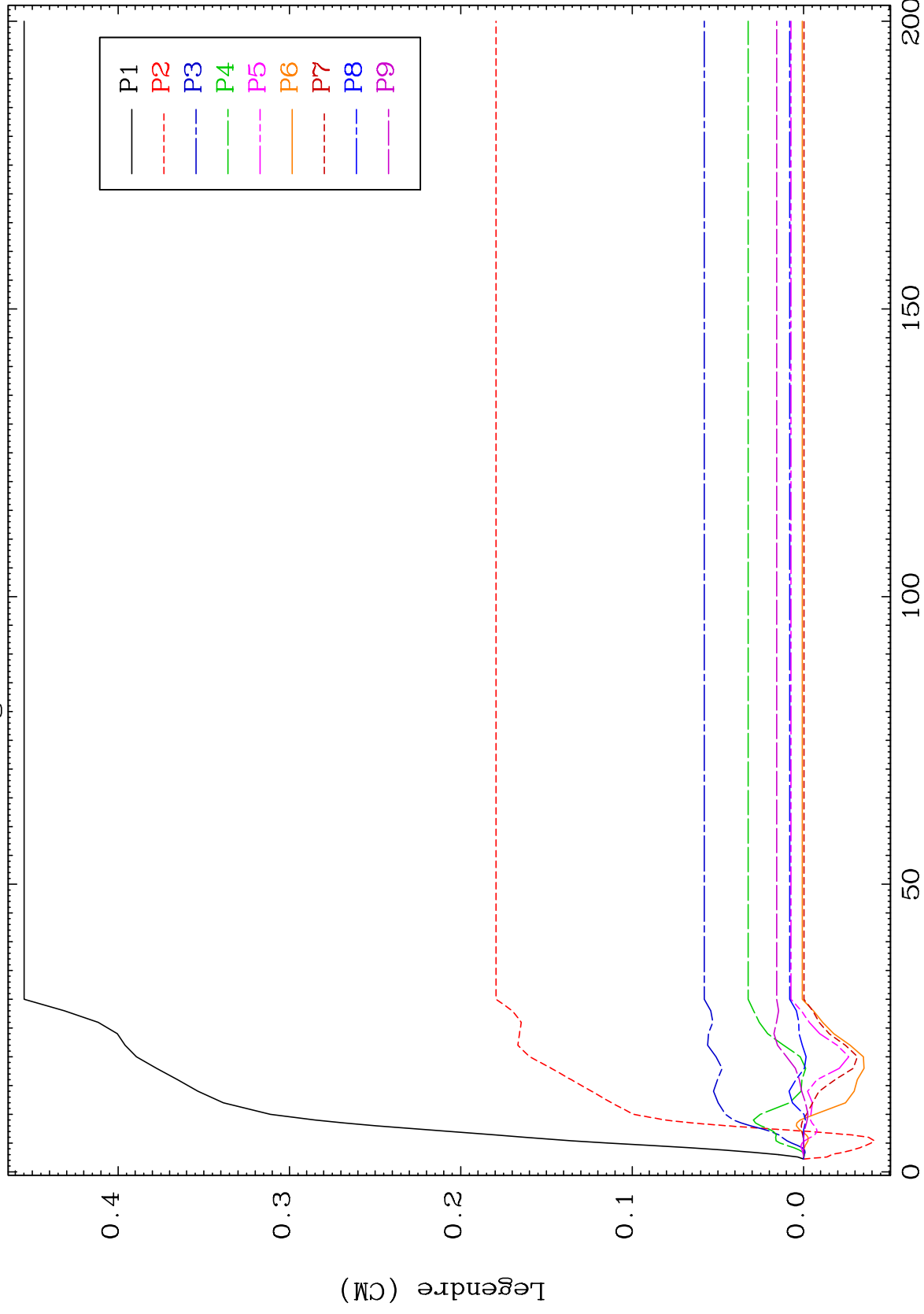




MAT 5031

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

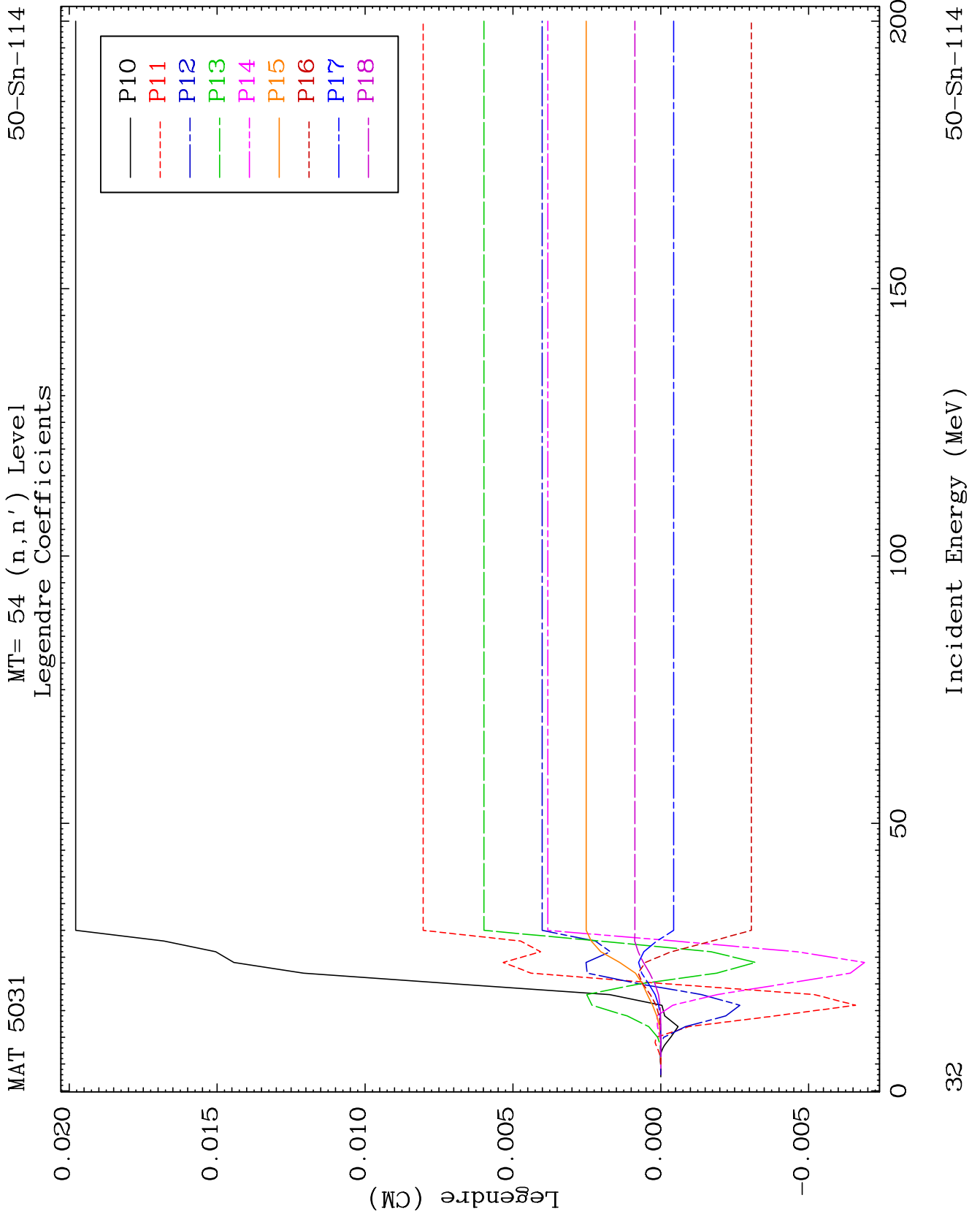
50-Sn-114



31

Incident Energy (MeV)

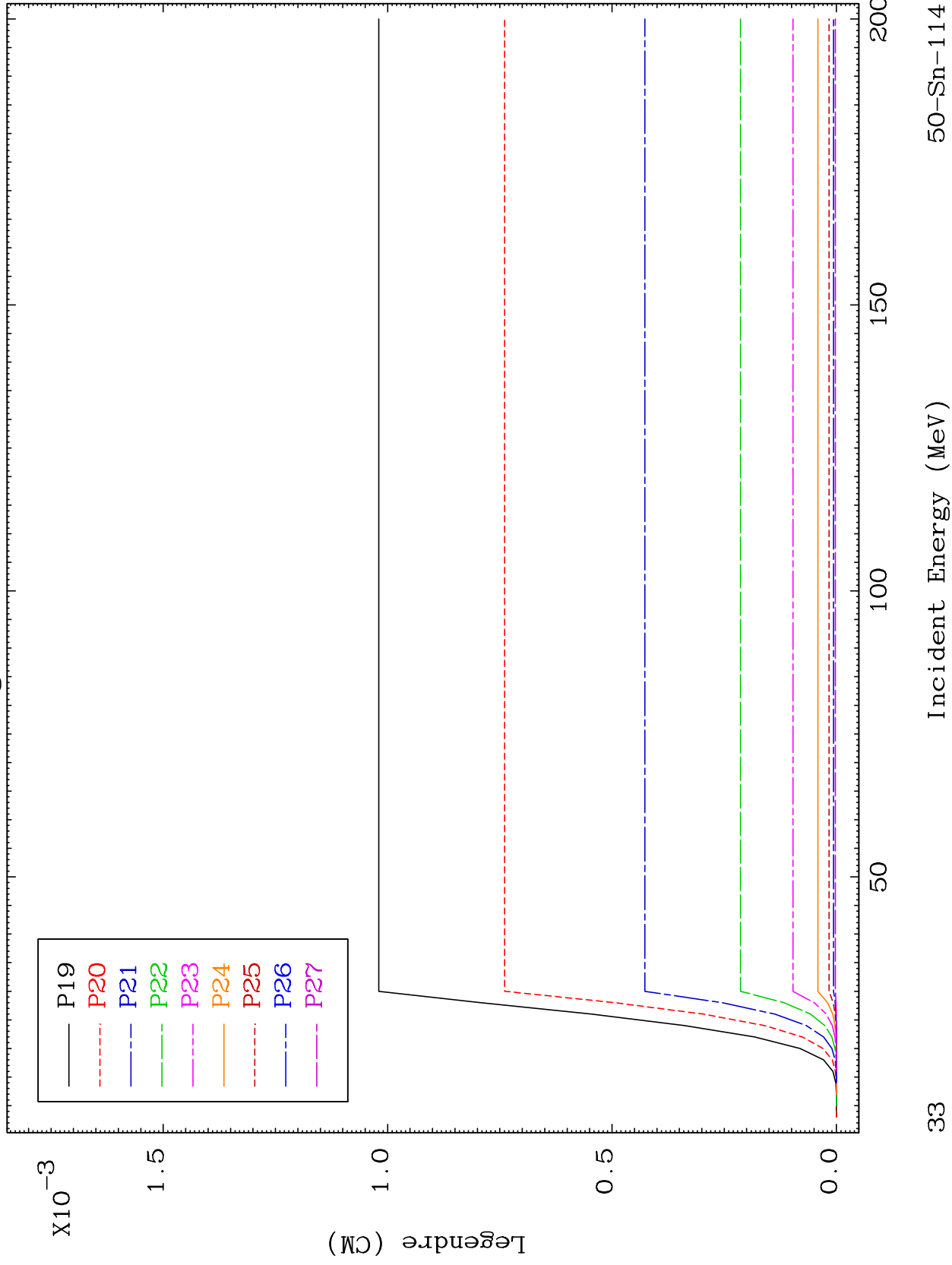
50-Sn-114

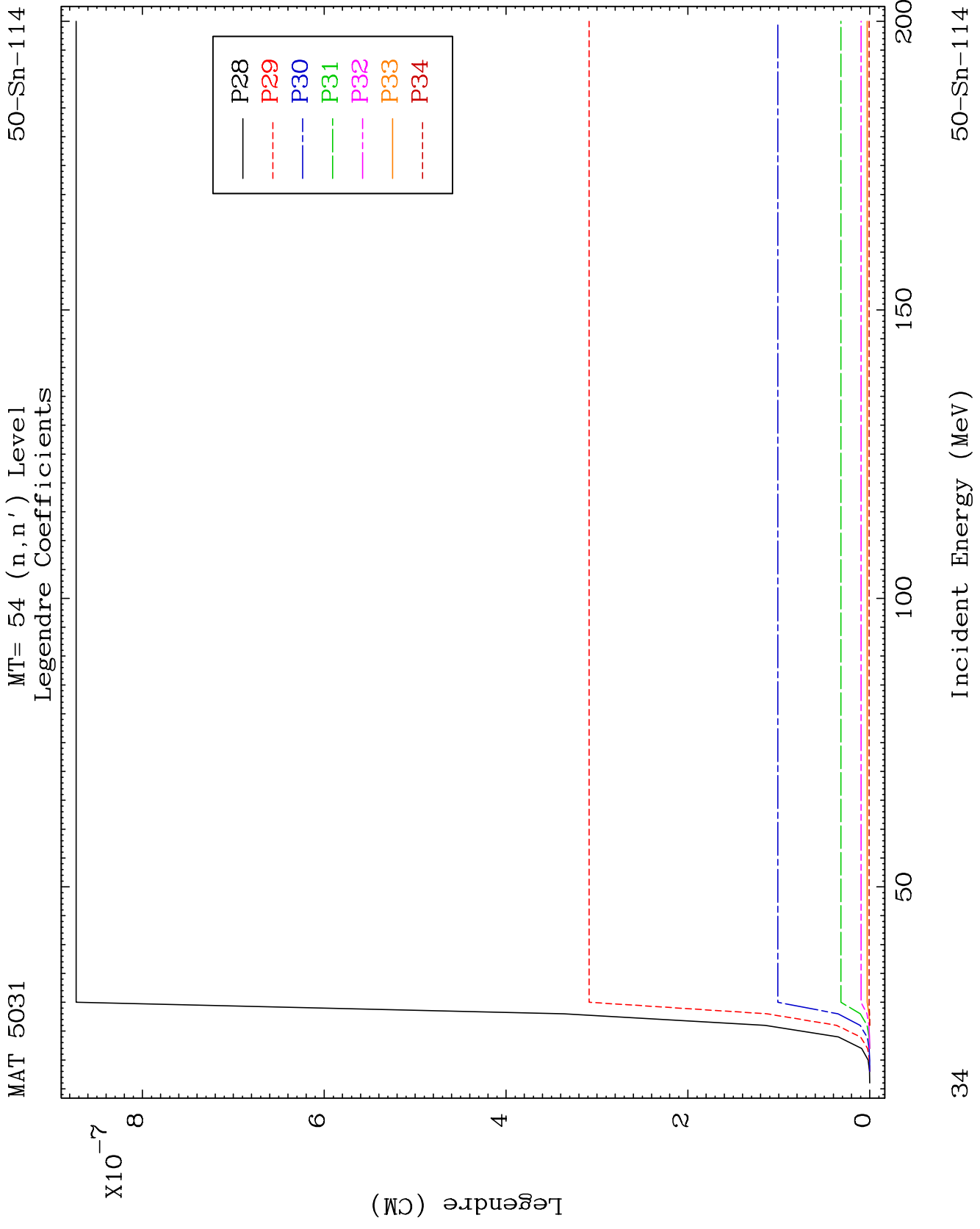


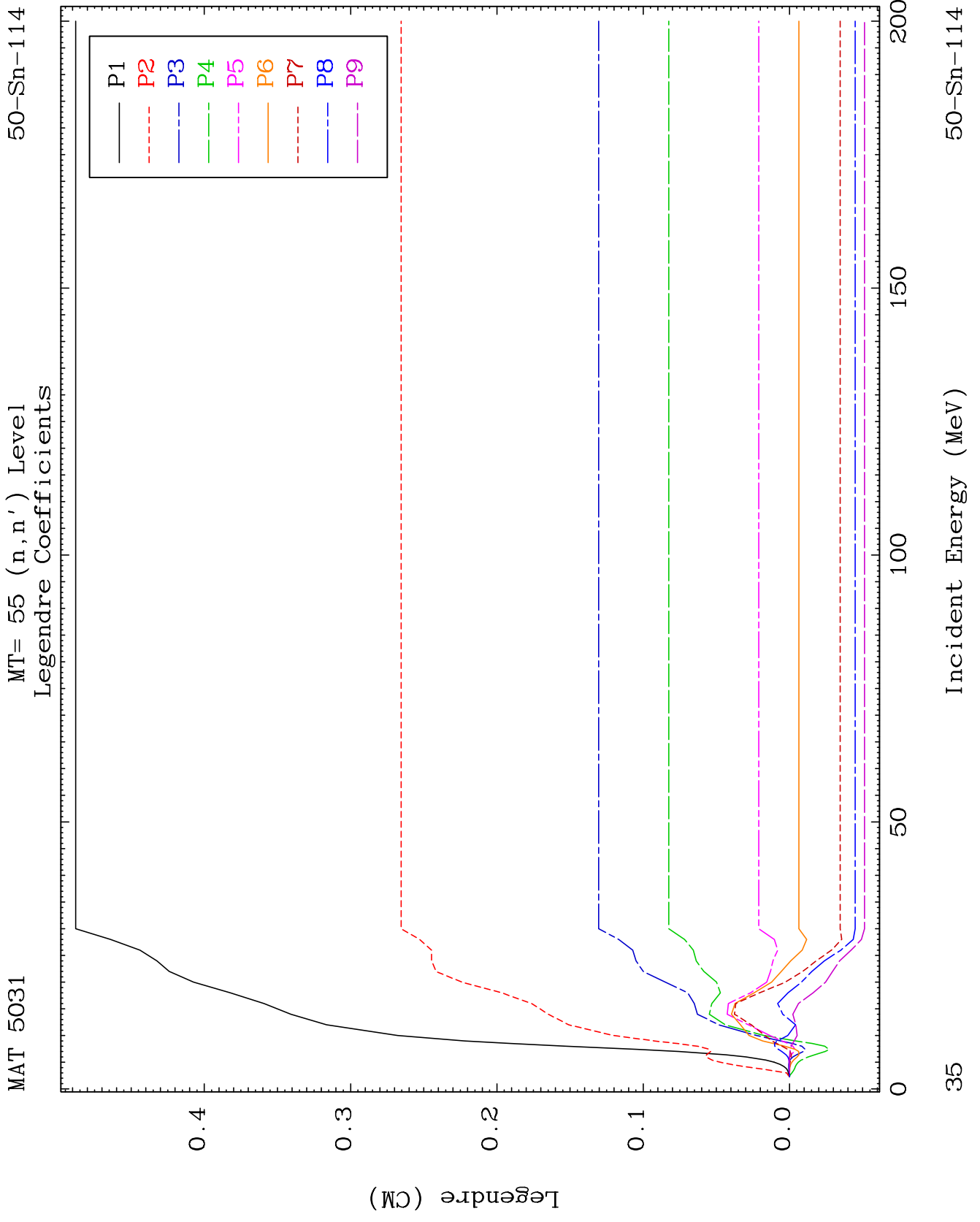
MAT 5031

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

50-Sn-114



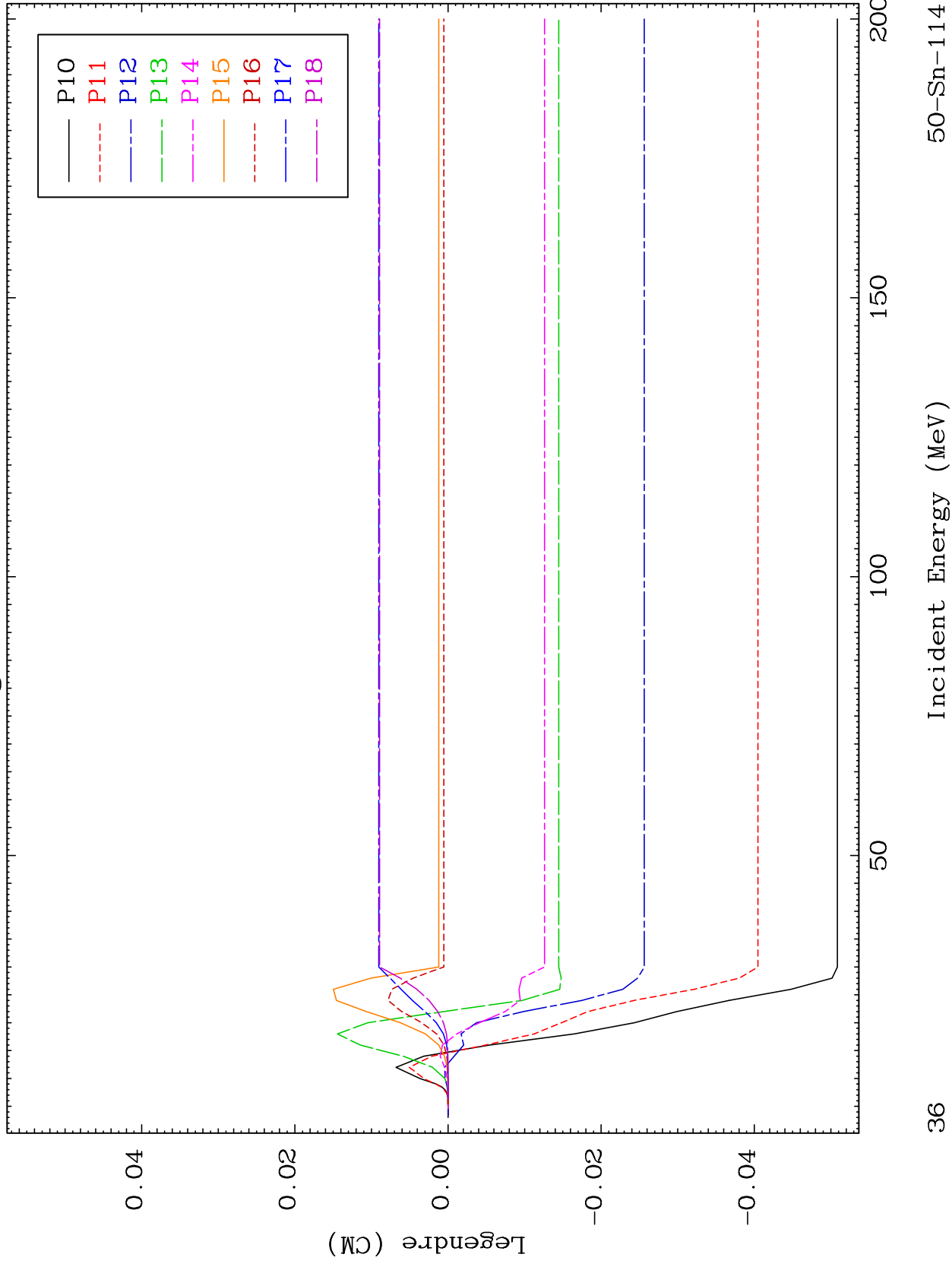




MAT 5031

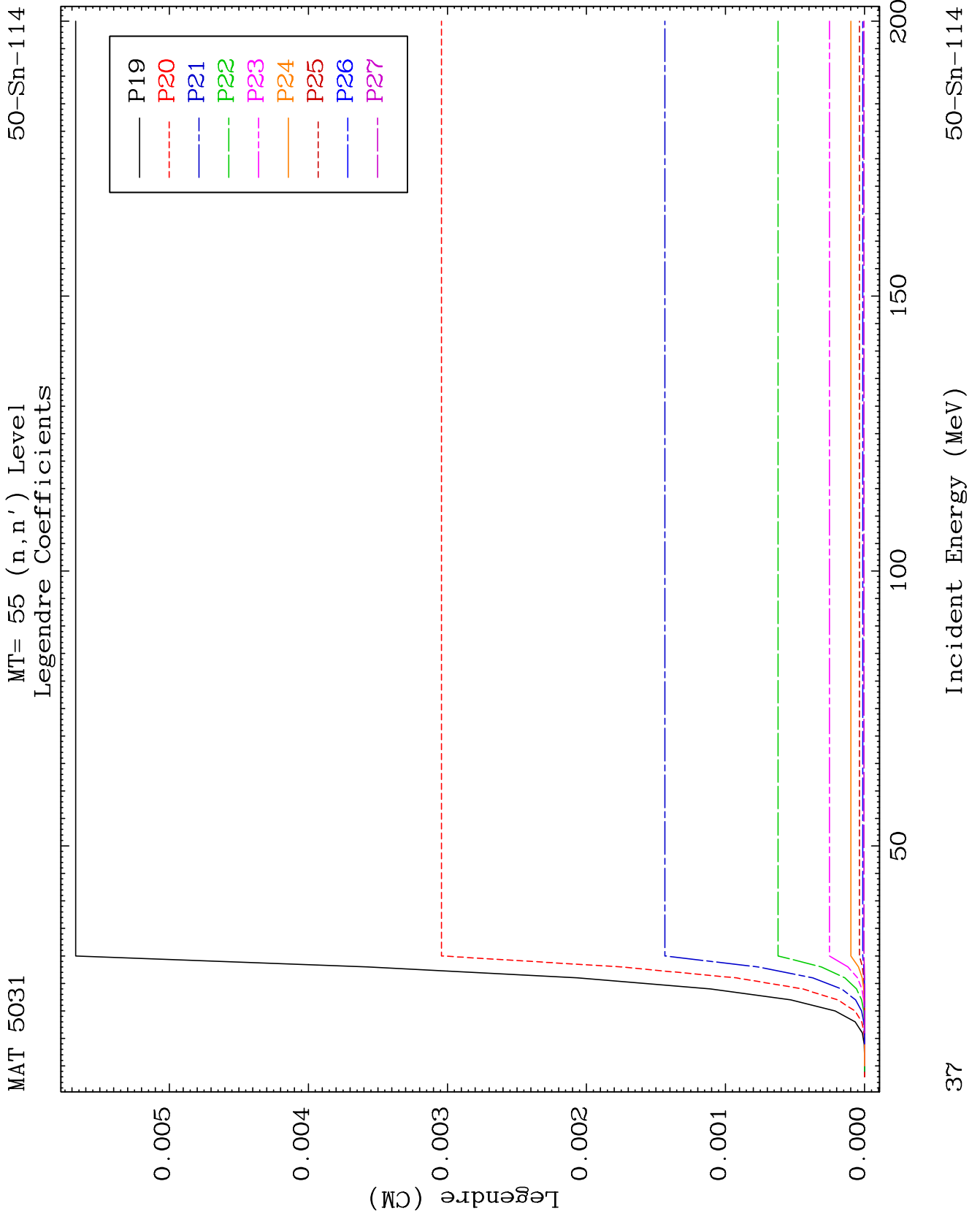
MT= 55 (n,n') Level
Legendre Coefficients

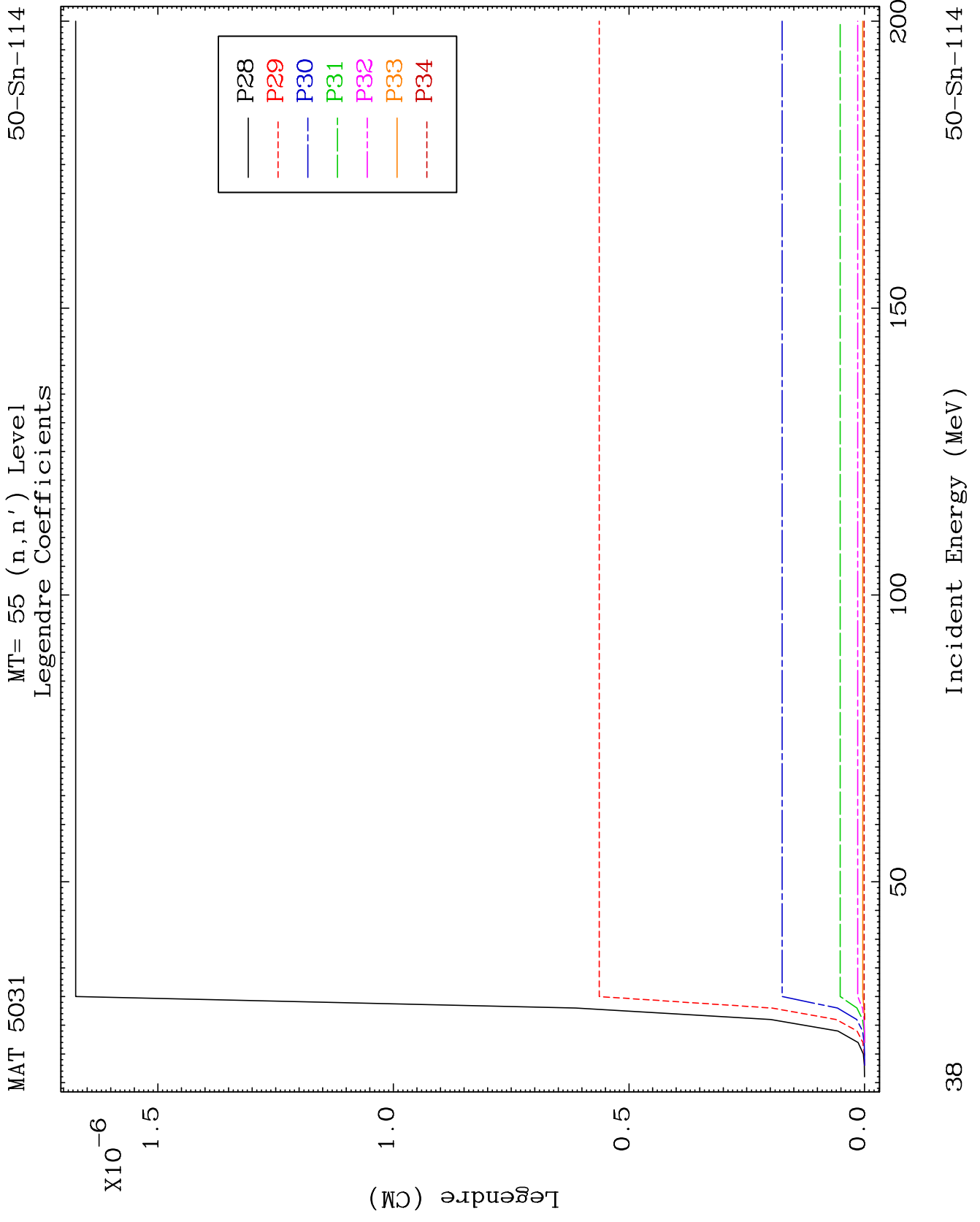
50-Sn-114



36

50-Sn-114

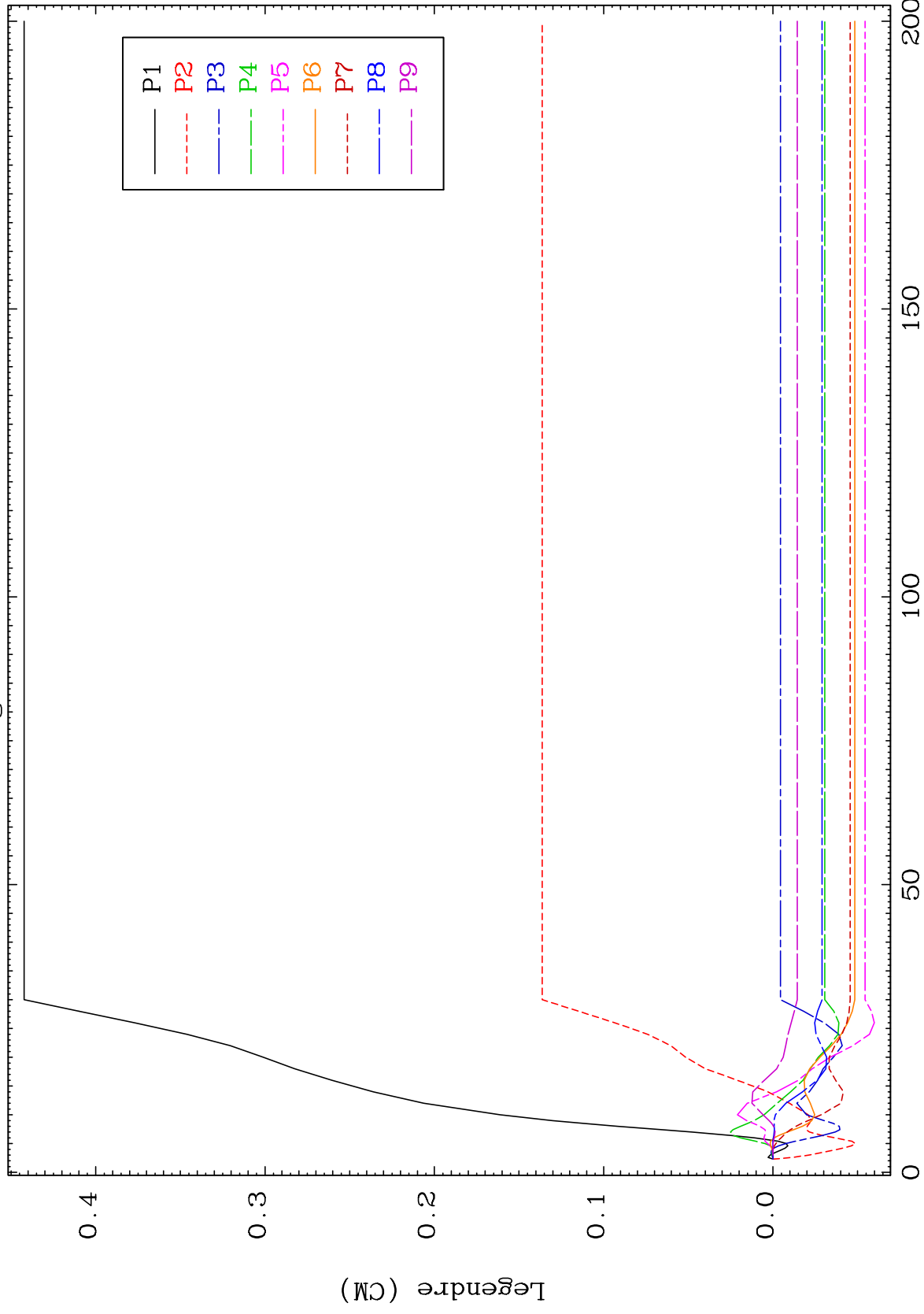




MAT 5031

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

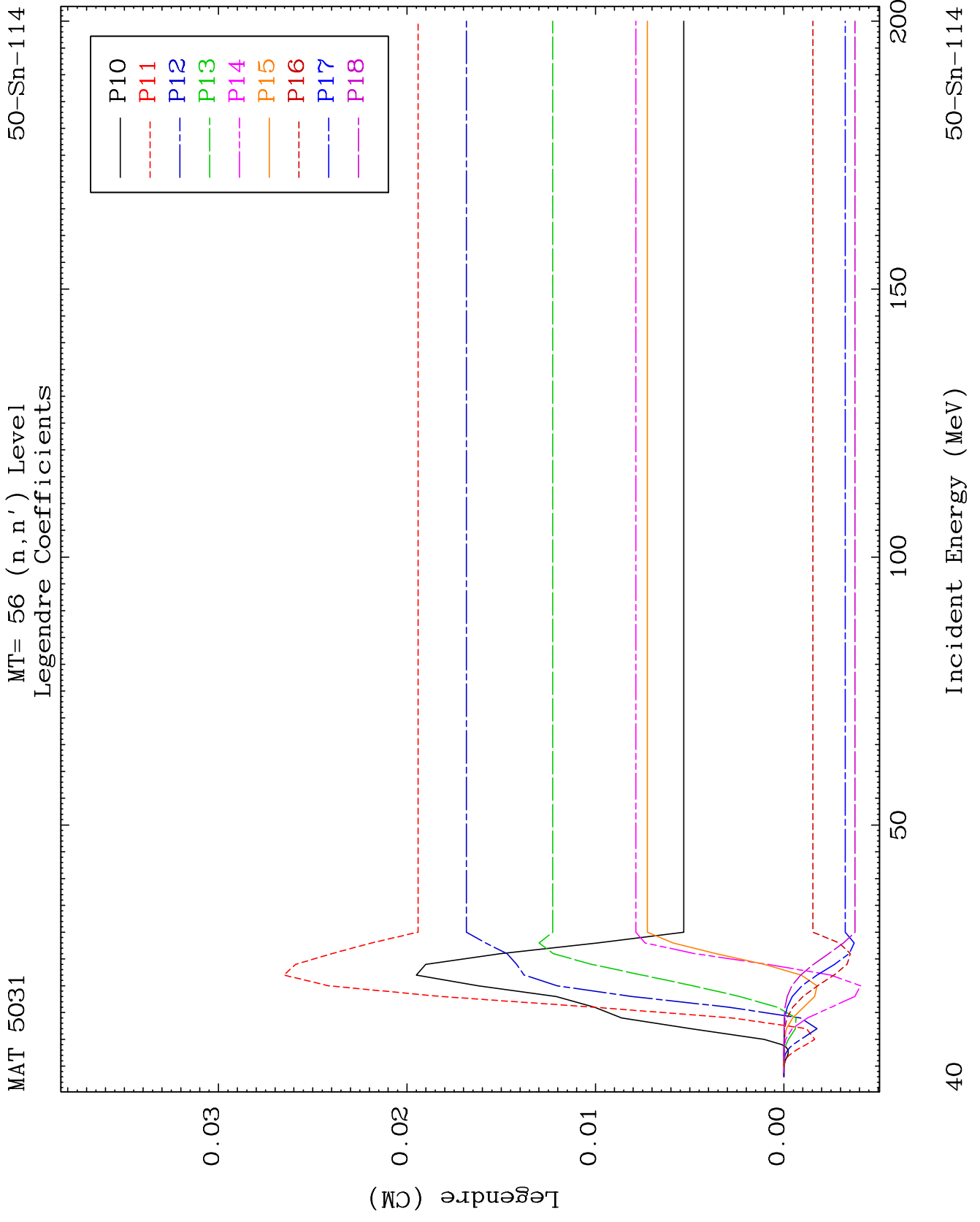
50-Sn-114

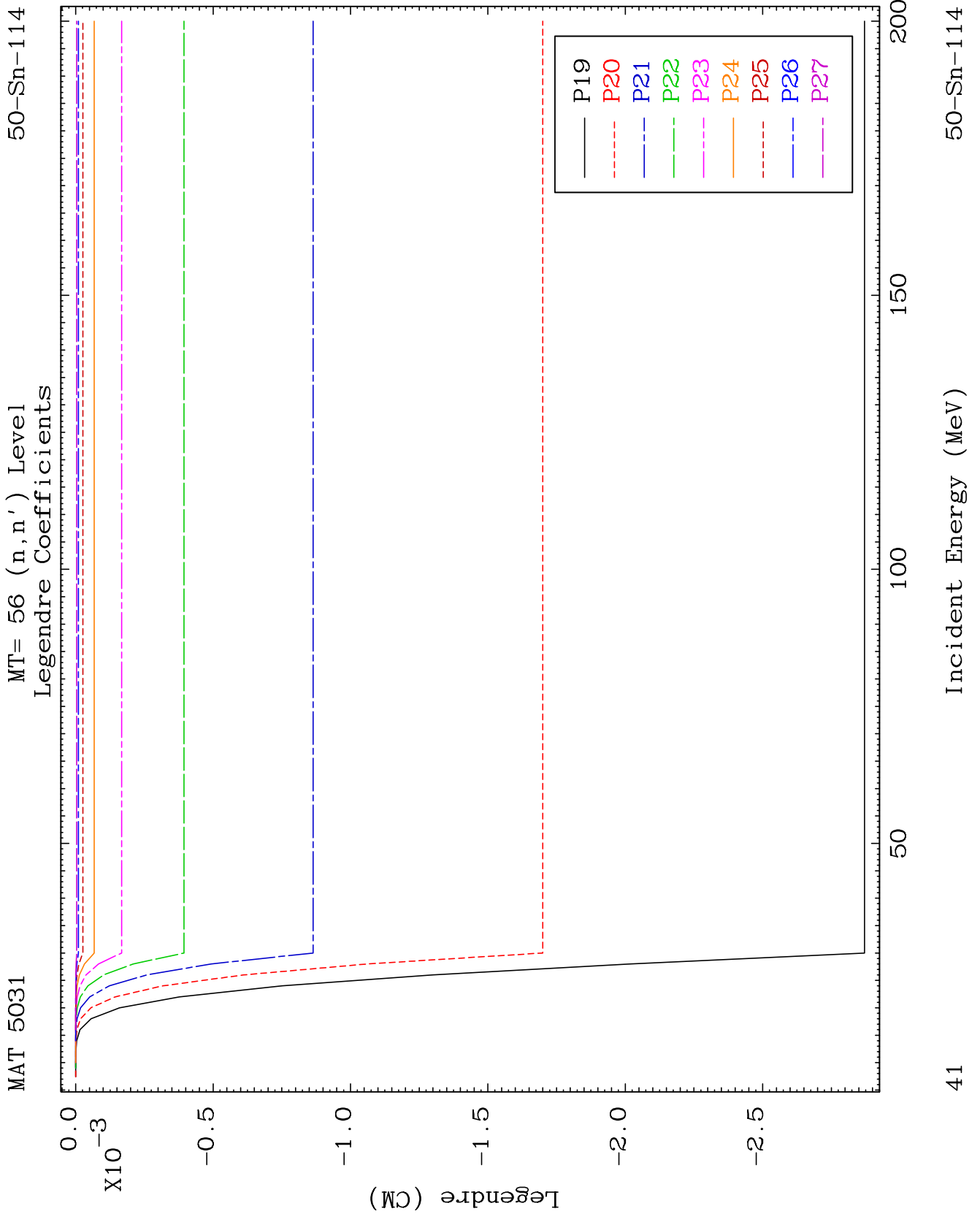


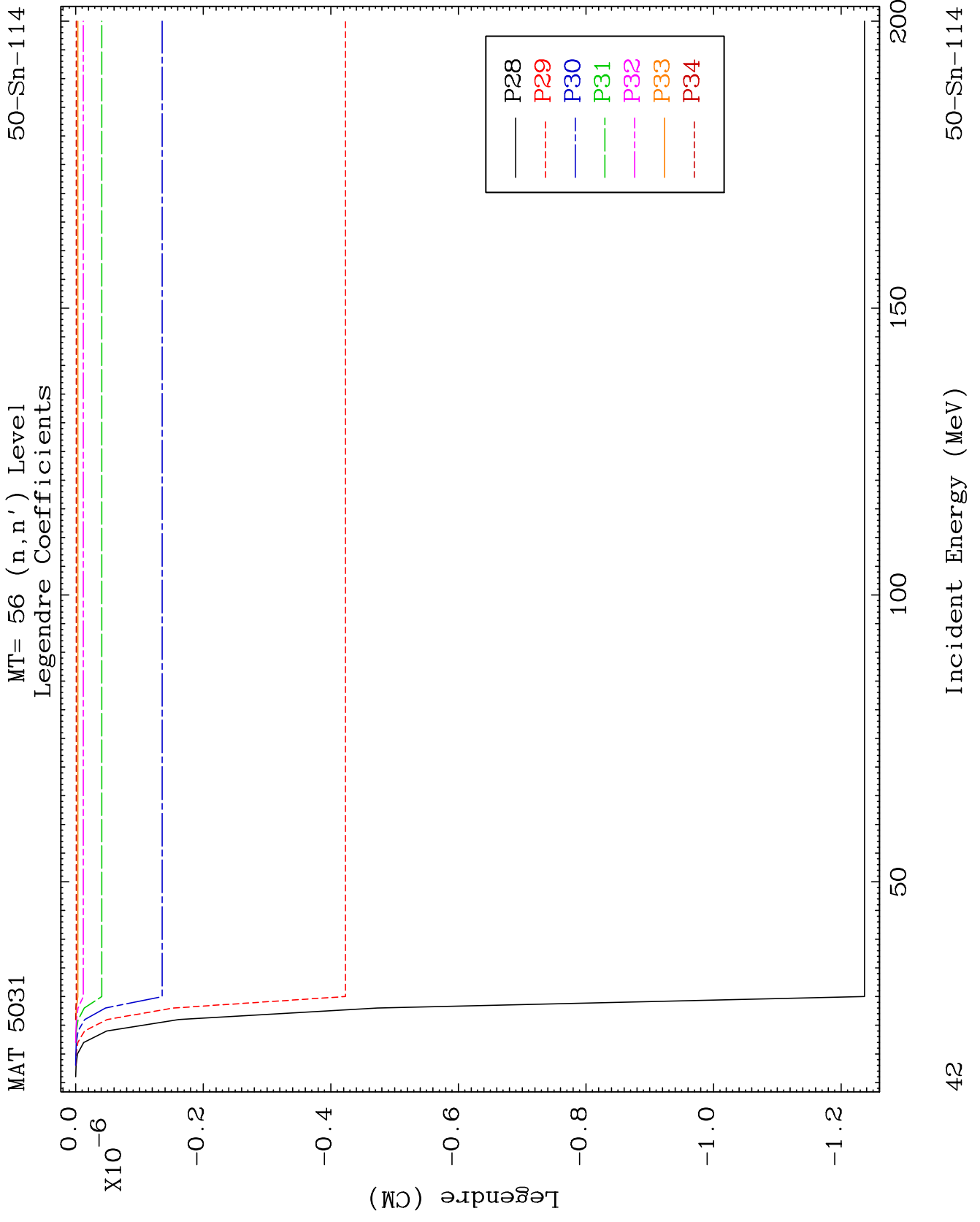
39

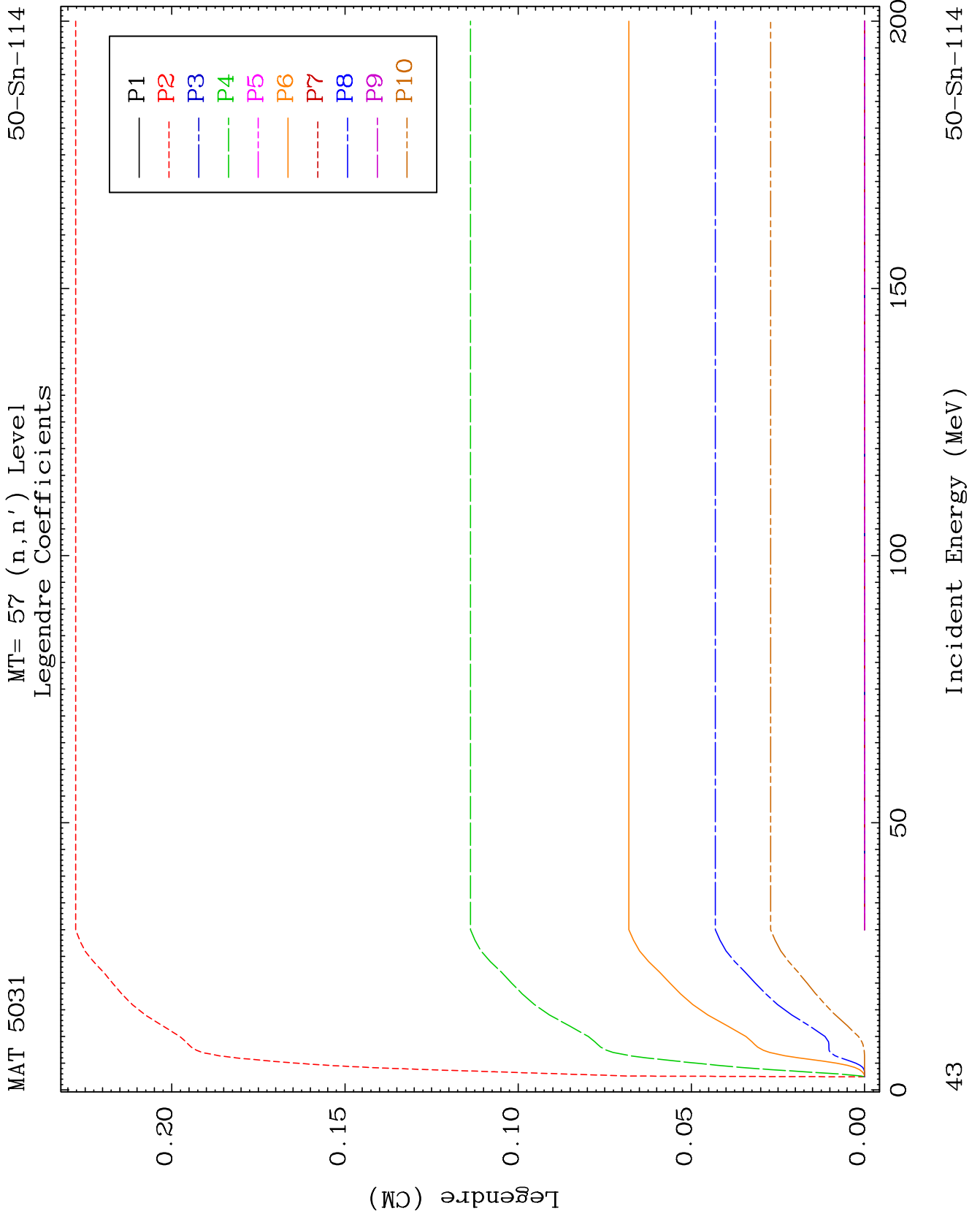
Incident Energy (MeV)

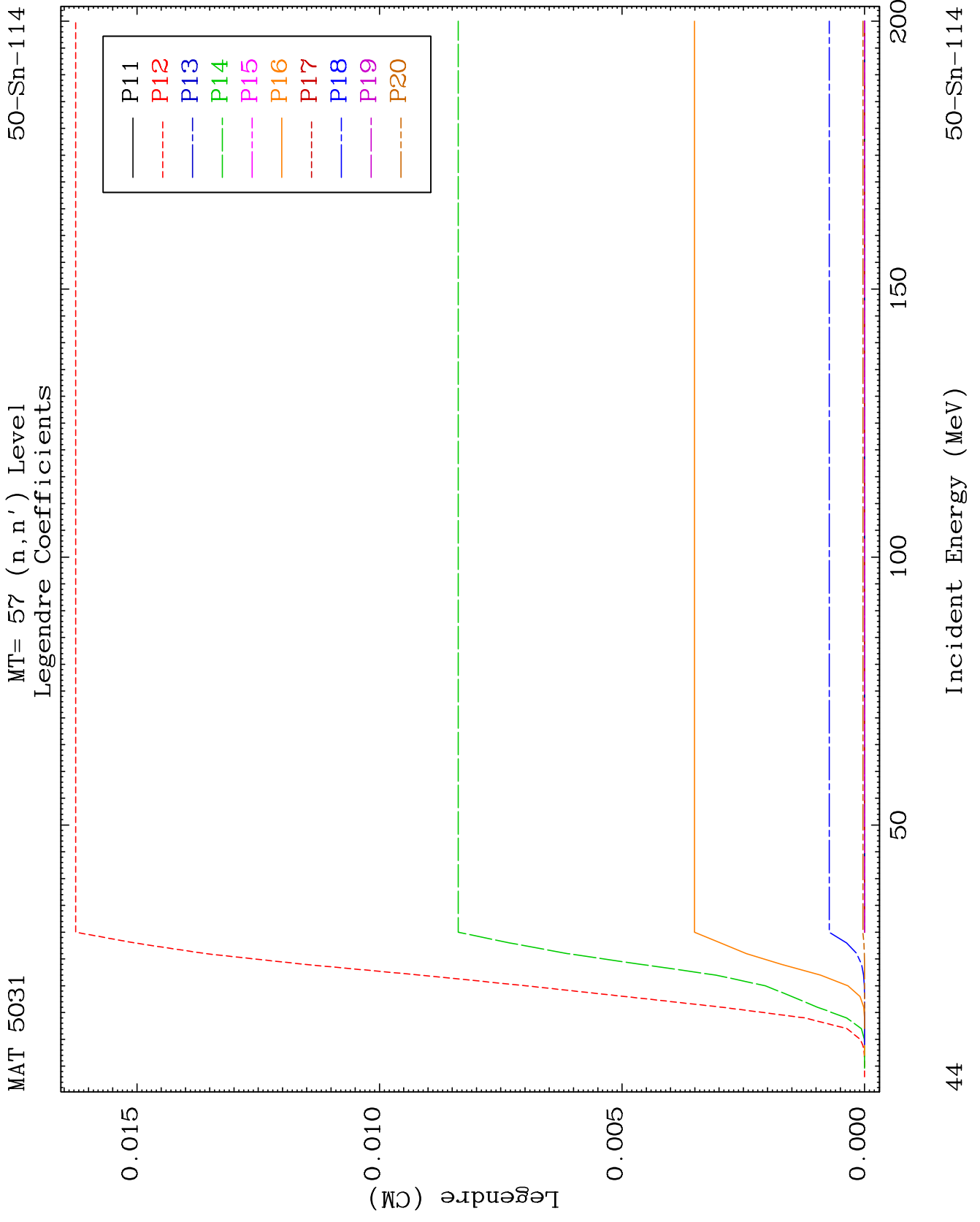
50-Sn-114

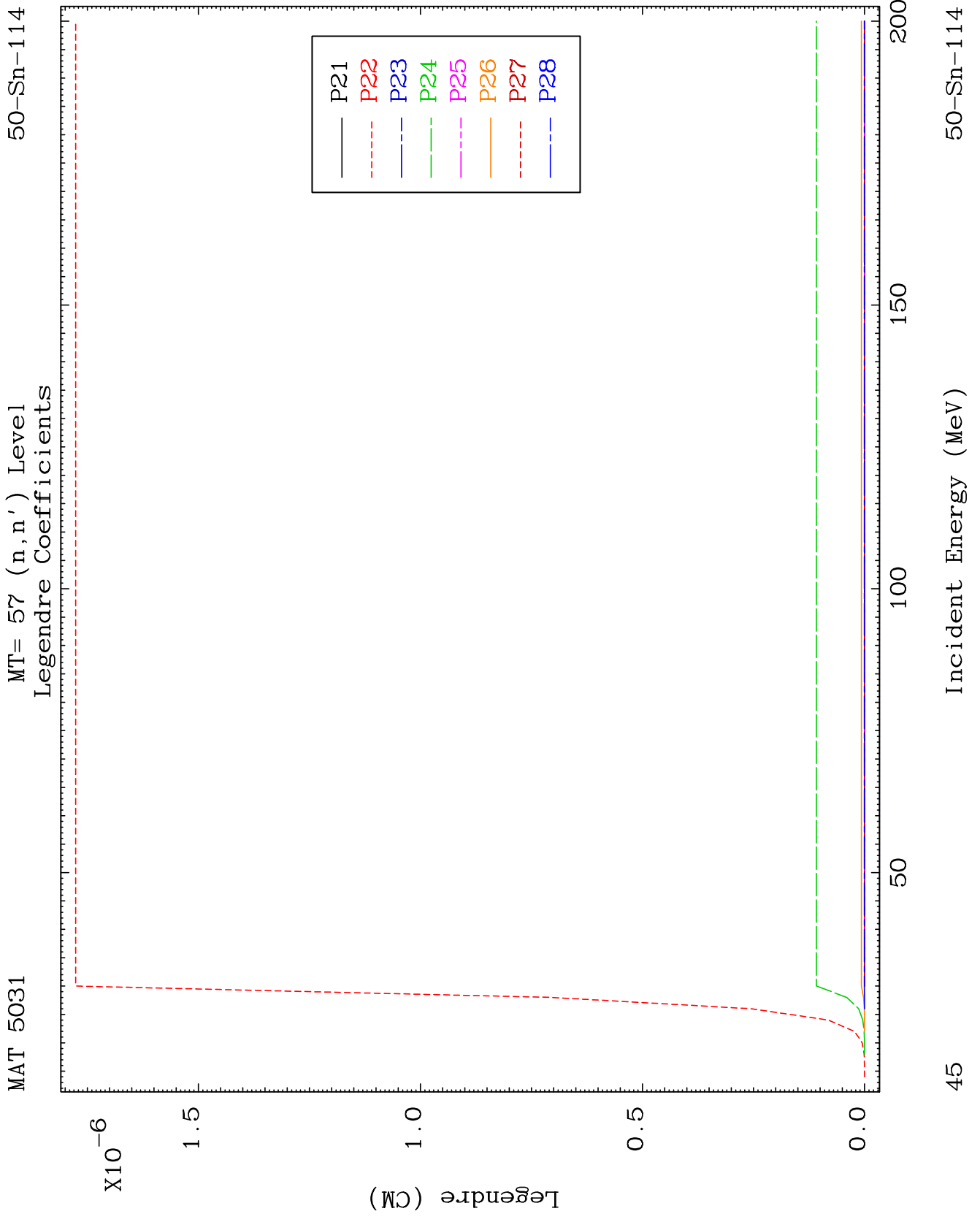


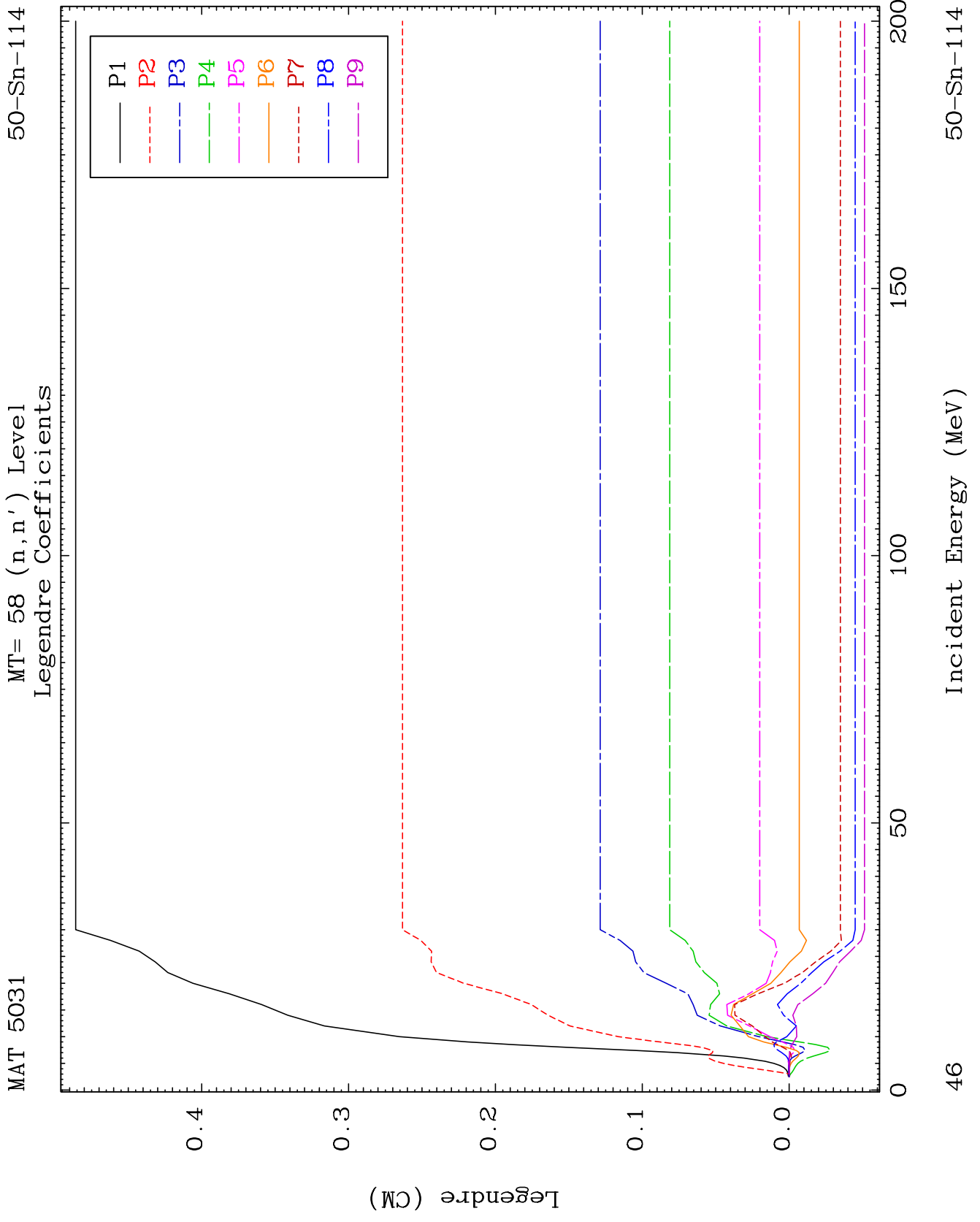








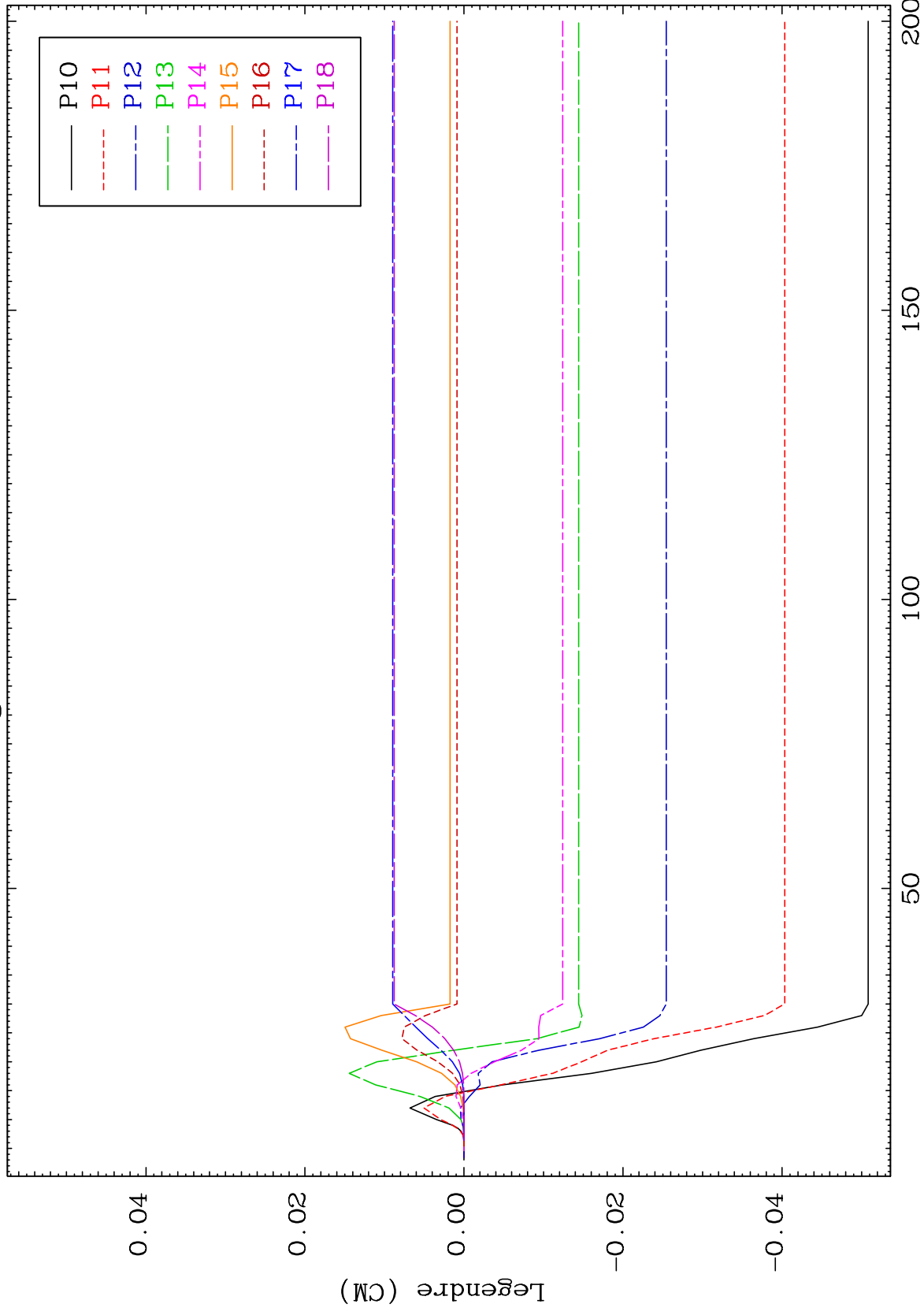




MAT 5031

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

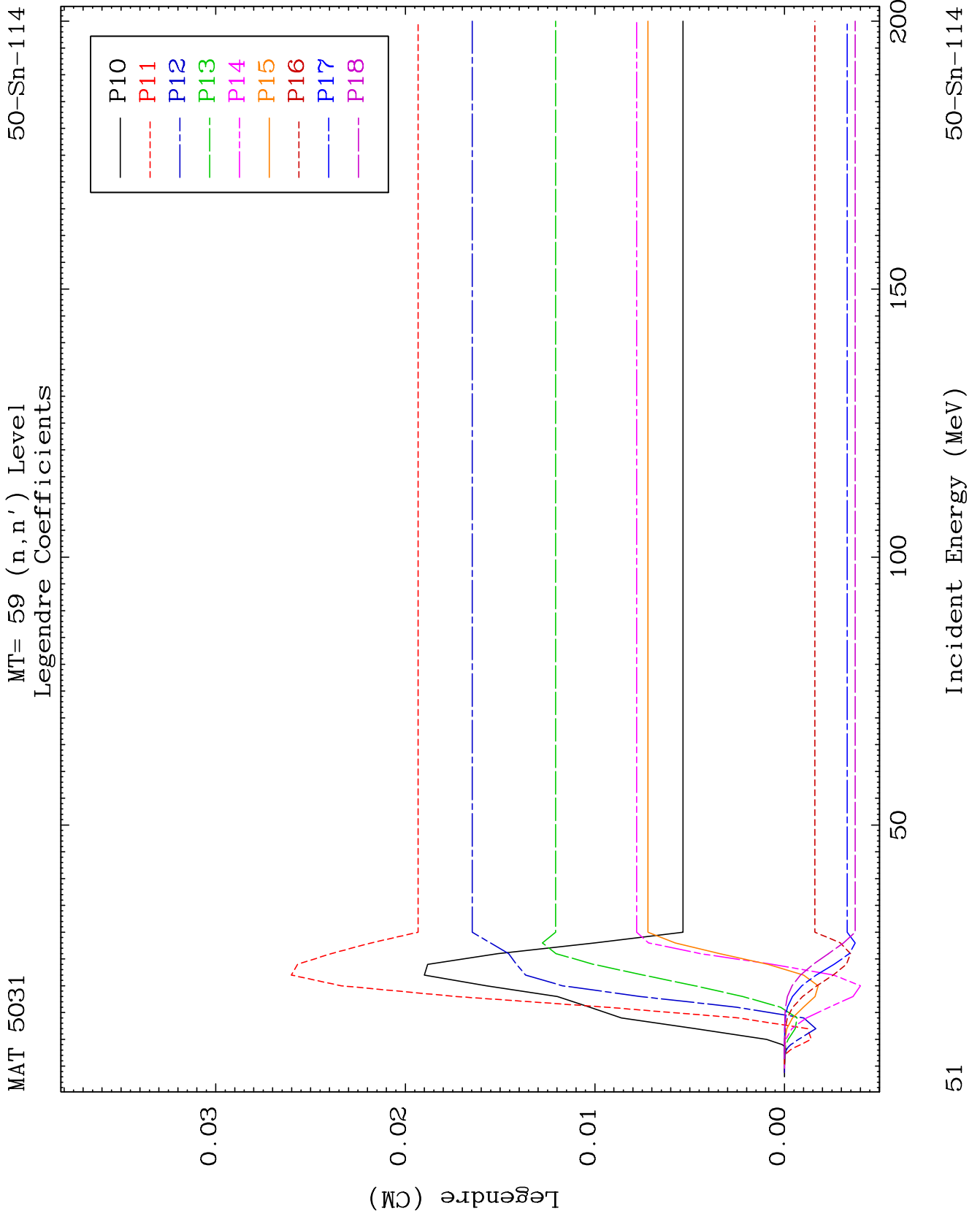
50-Sn-114

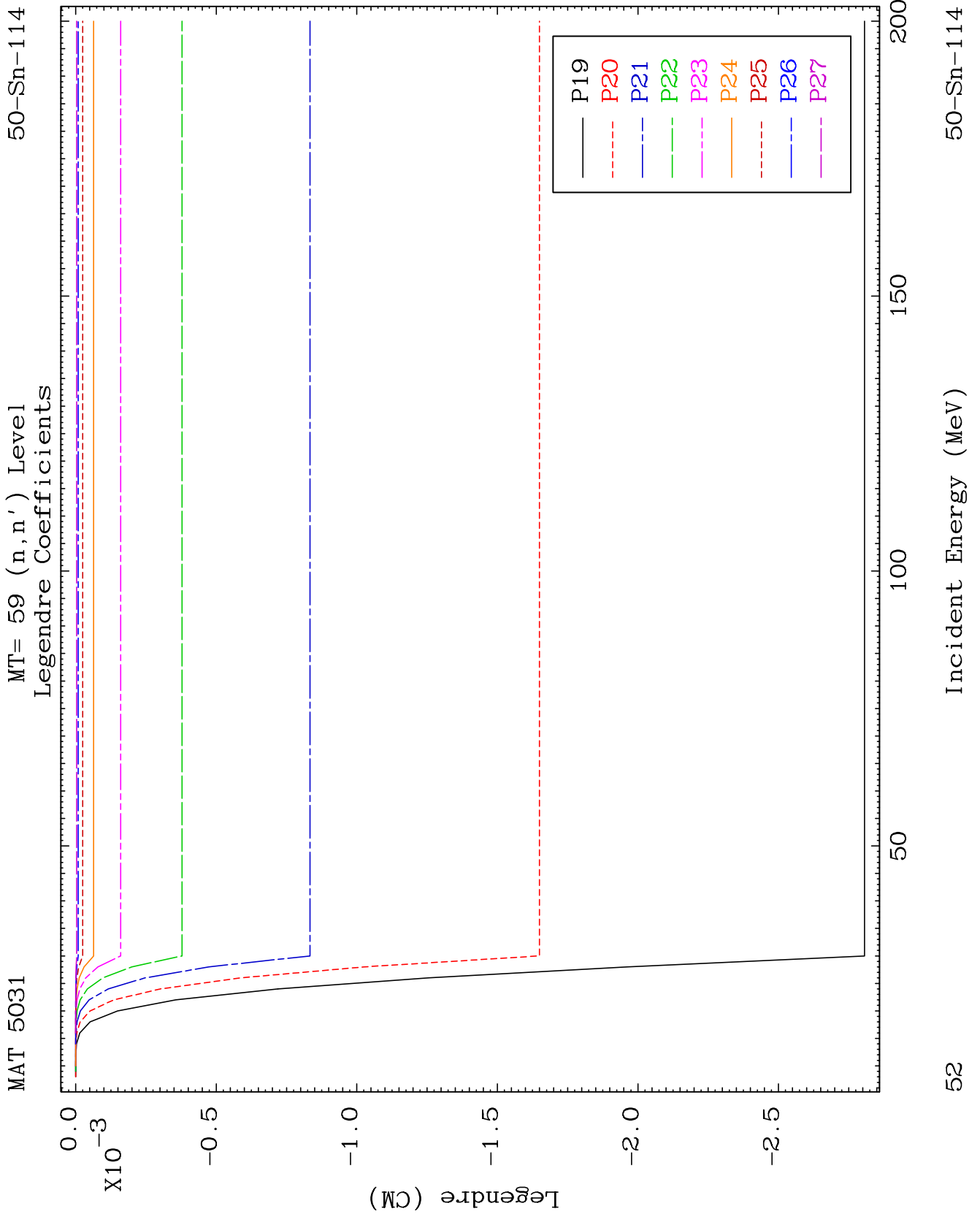


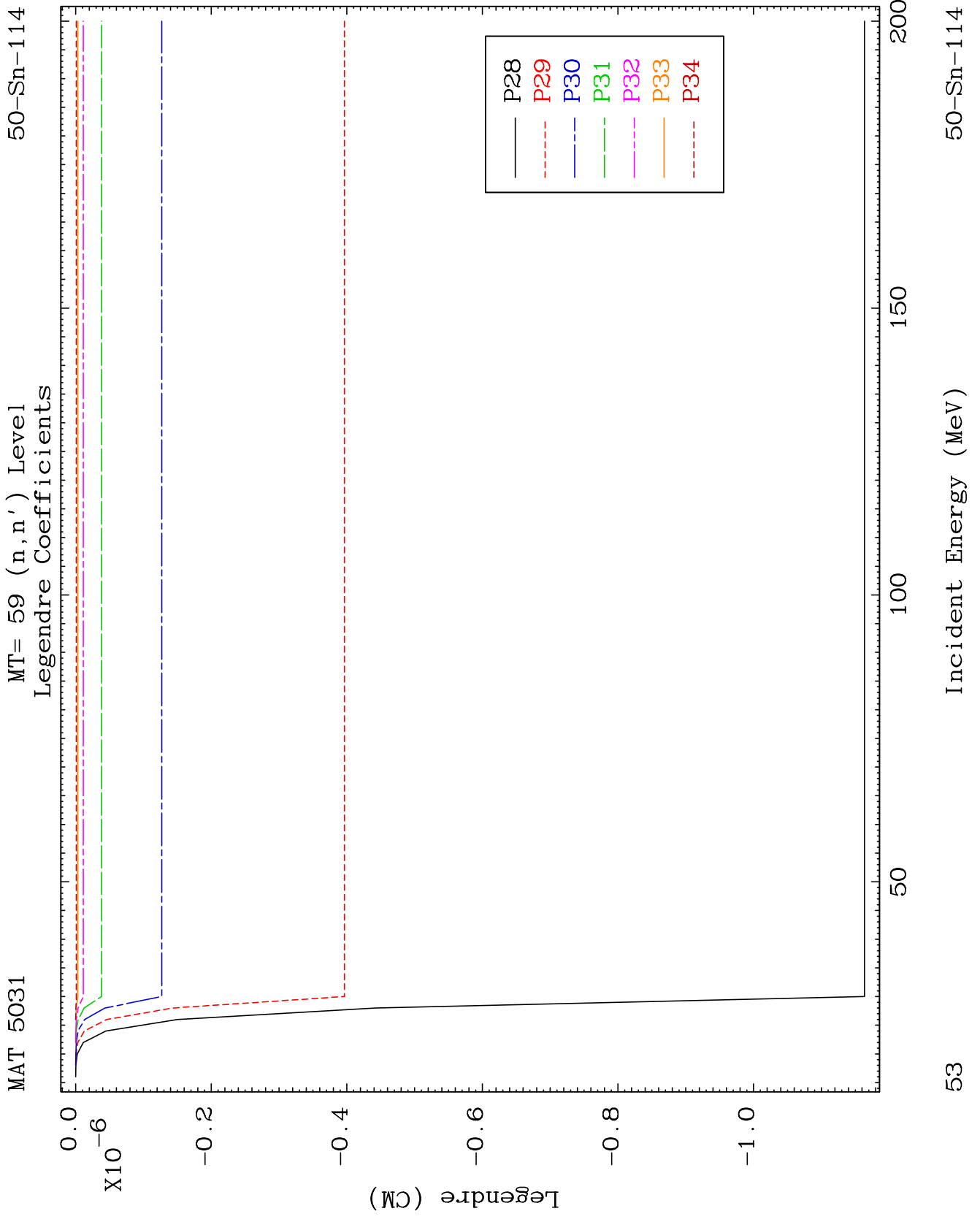
47

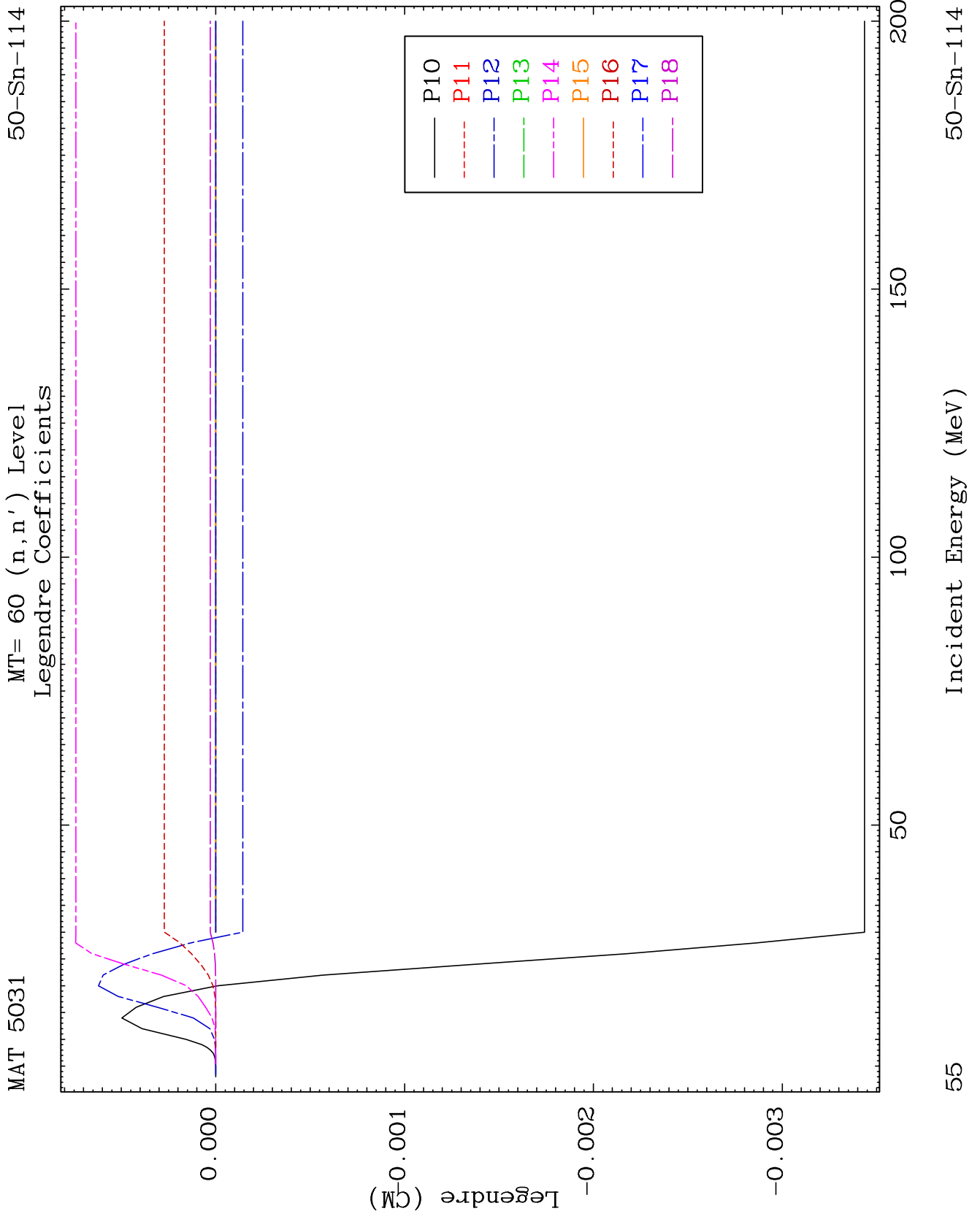
Incident Energy (MeV)

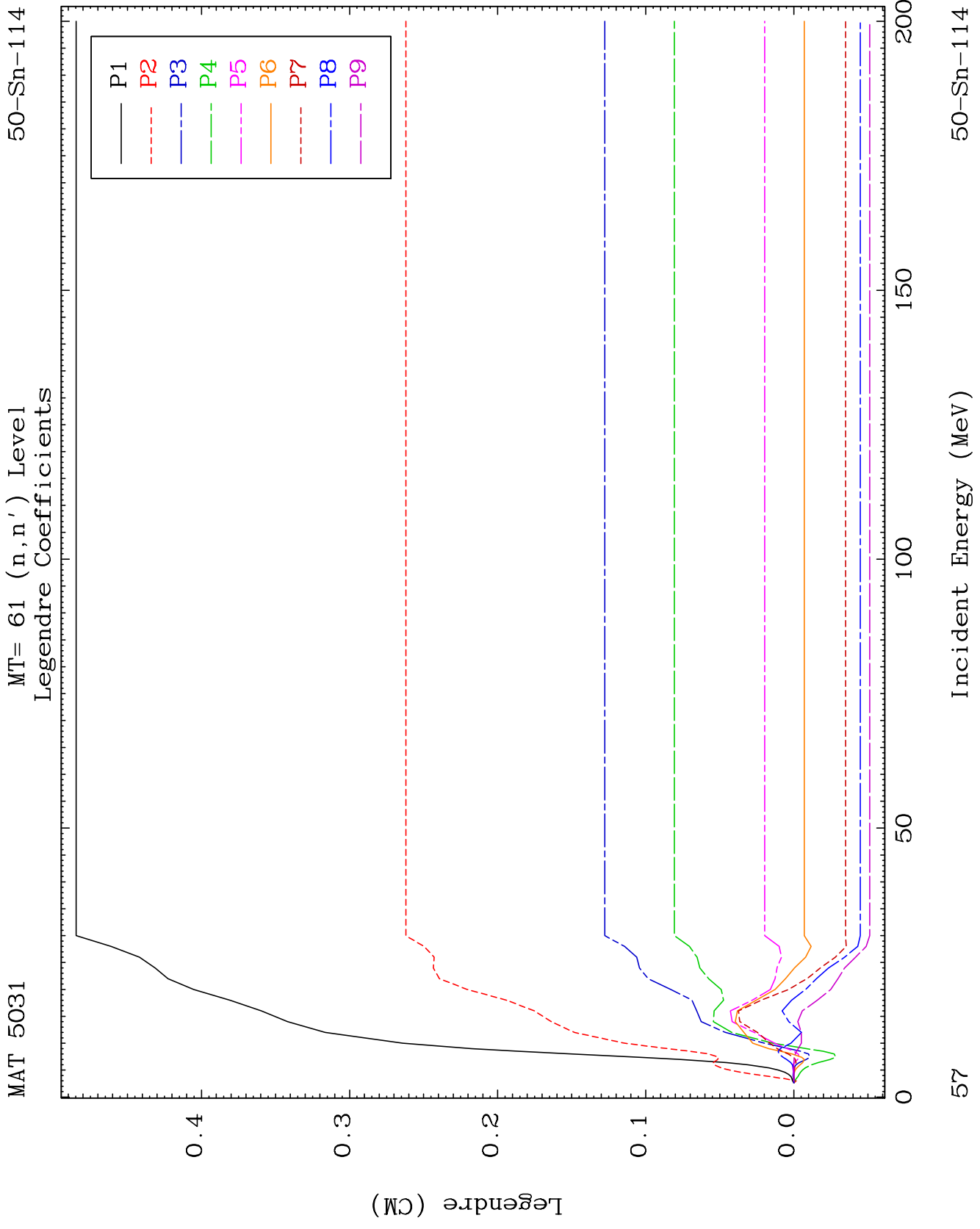
50-Sn-114







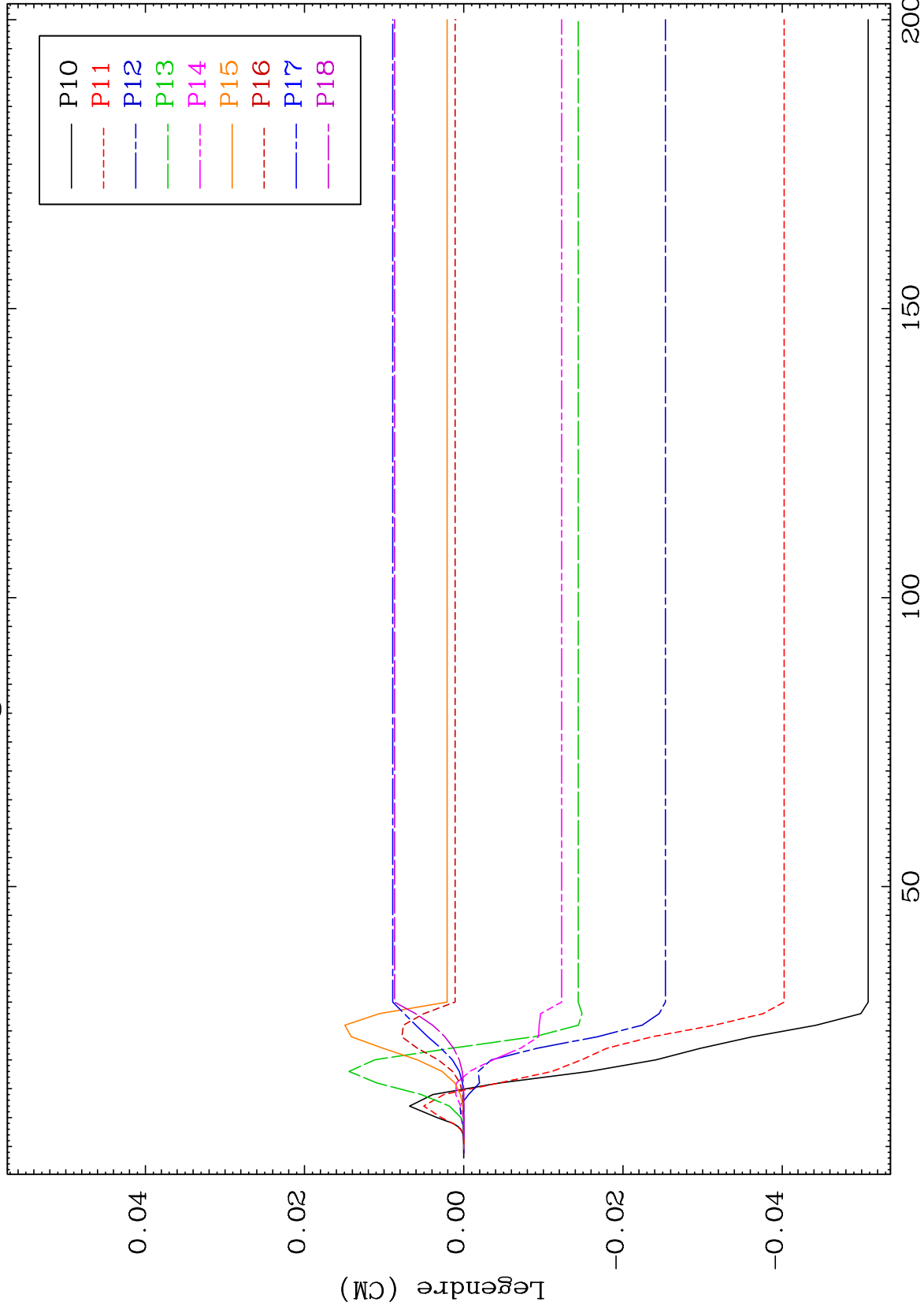




MAT 5031

MT= 61 (n,n') Level
Legendre Coefficients

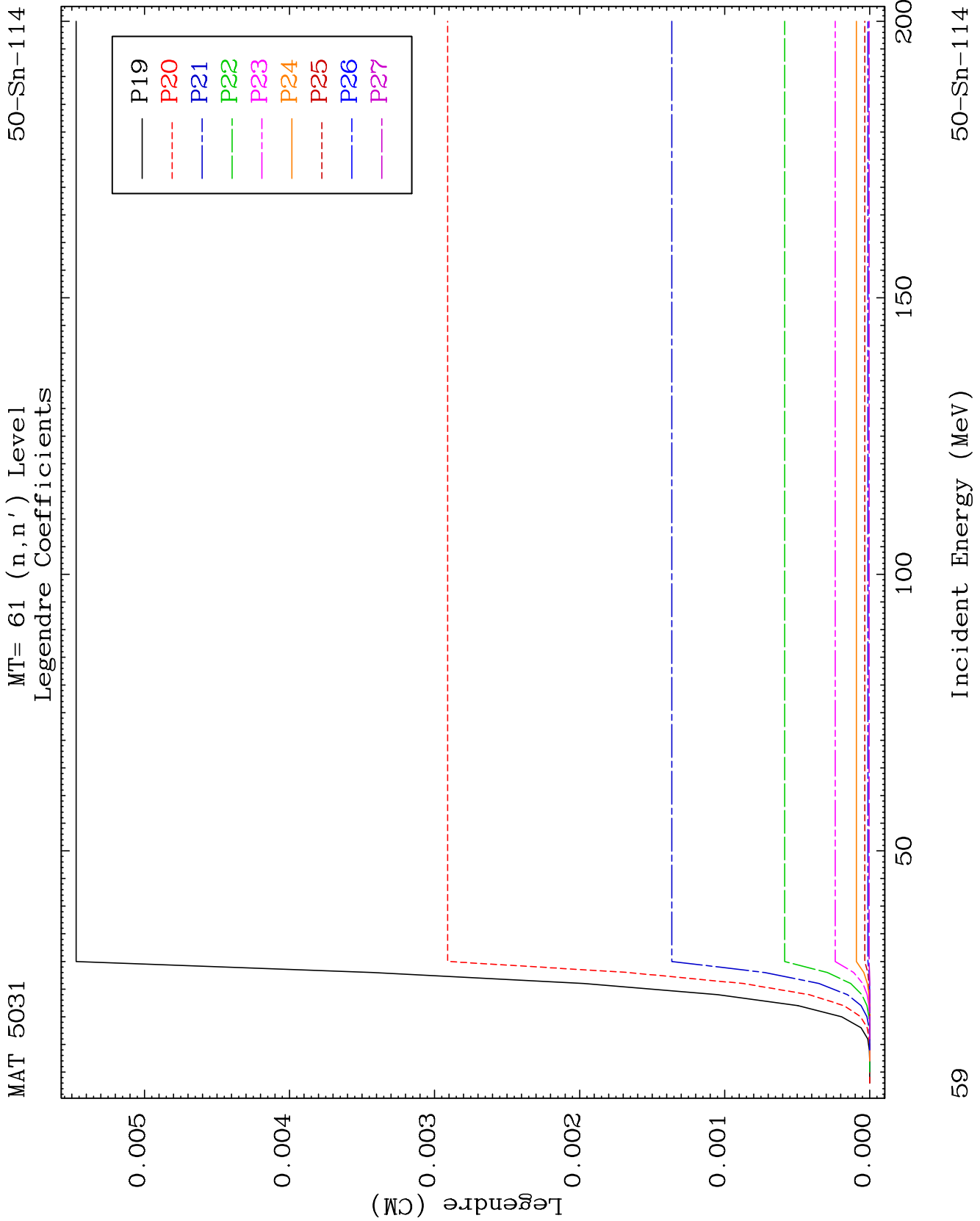
50-Sn-114

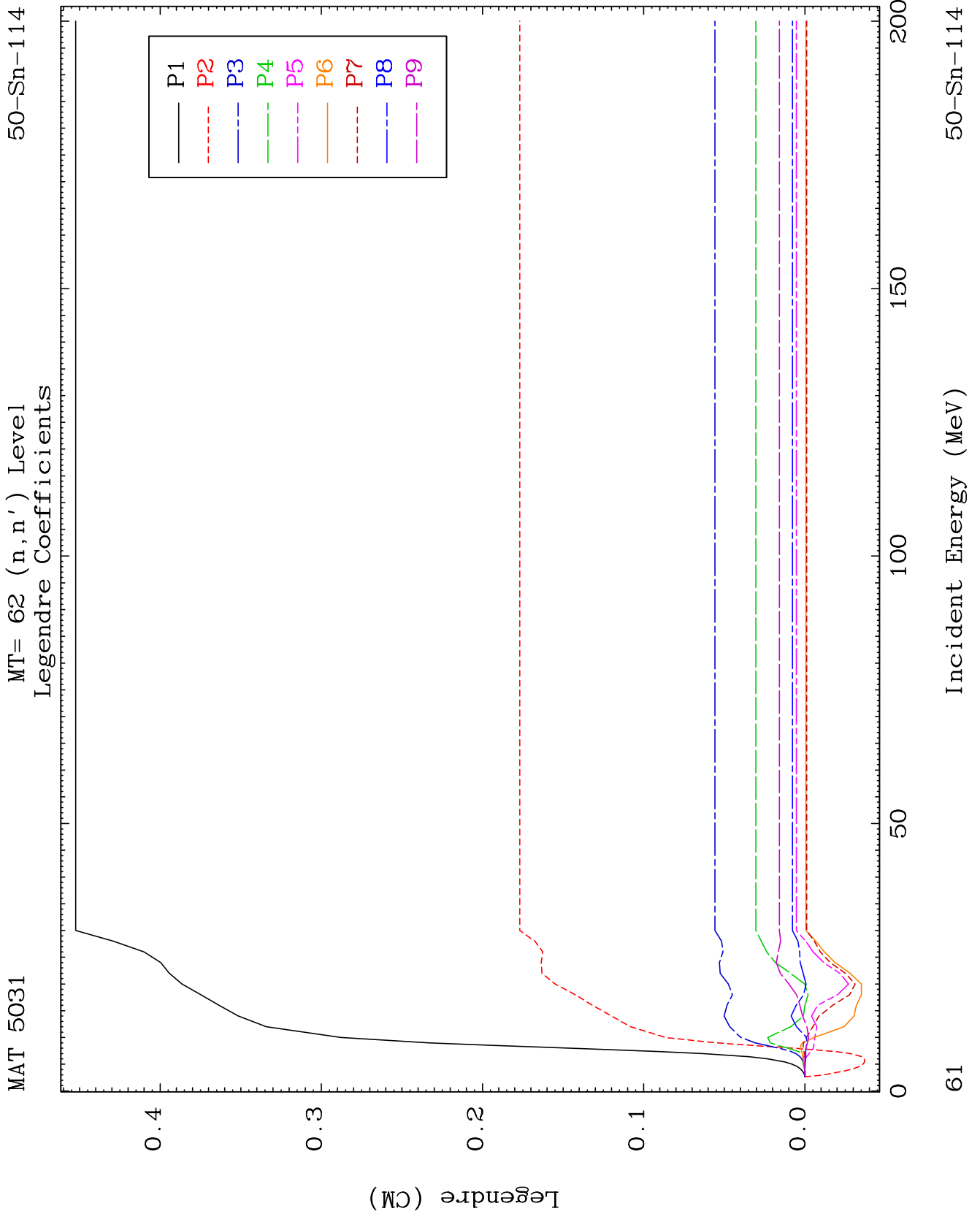


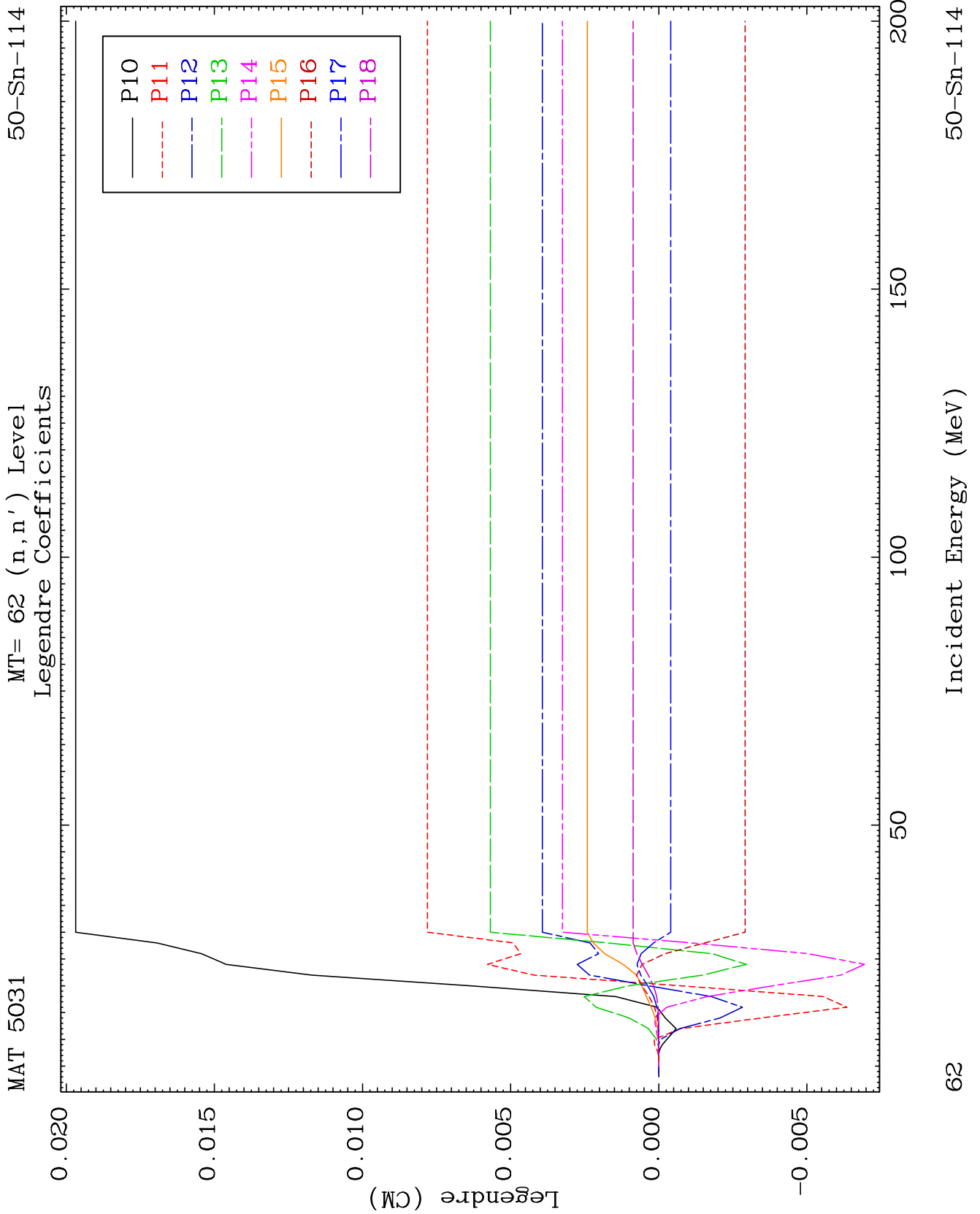
58

Incident Energy (MeV)

50-Sn-114



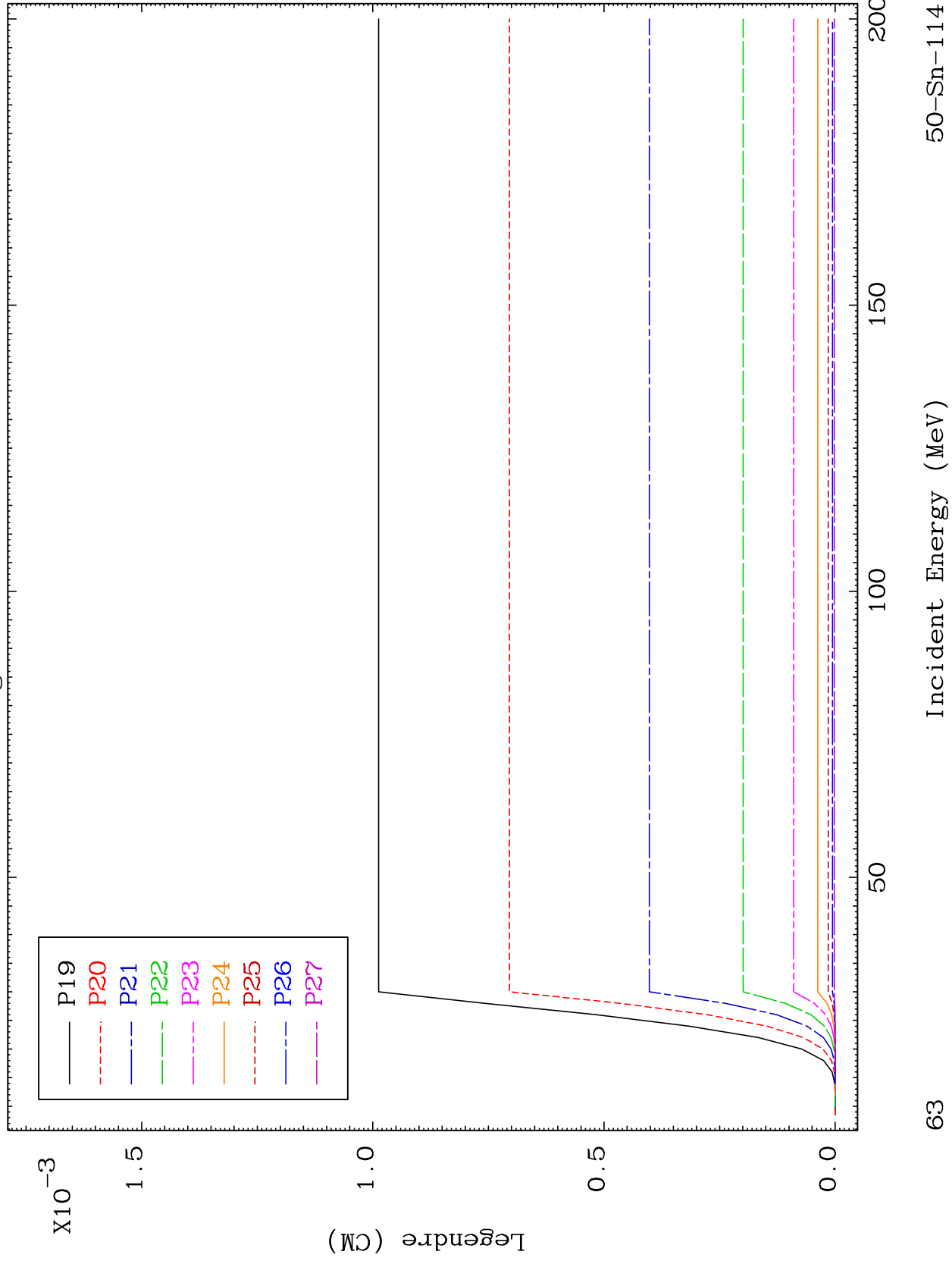


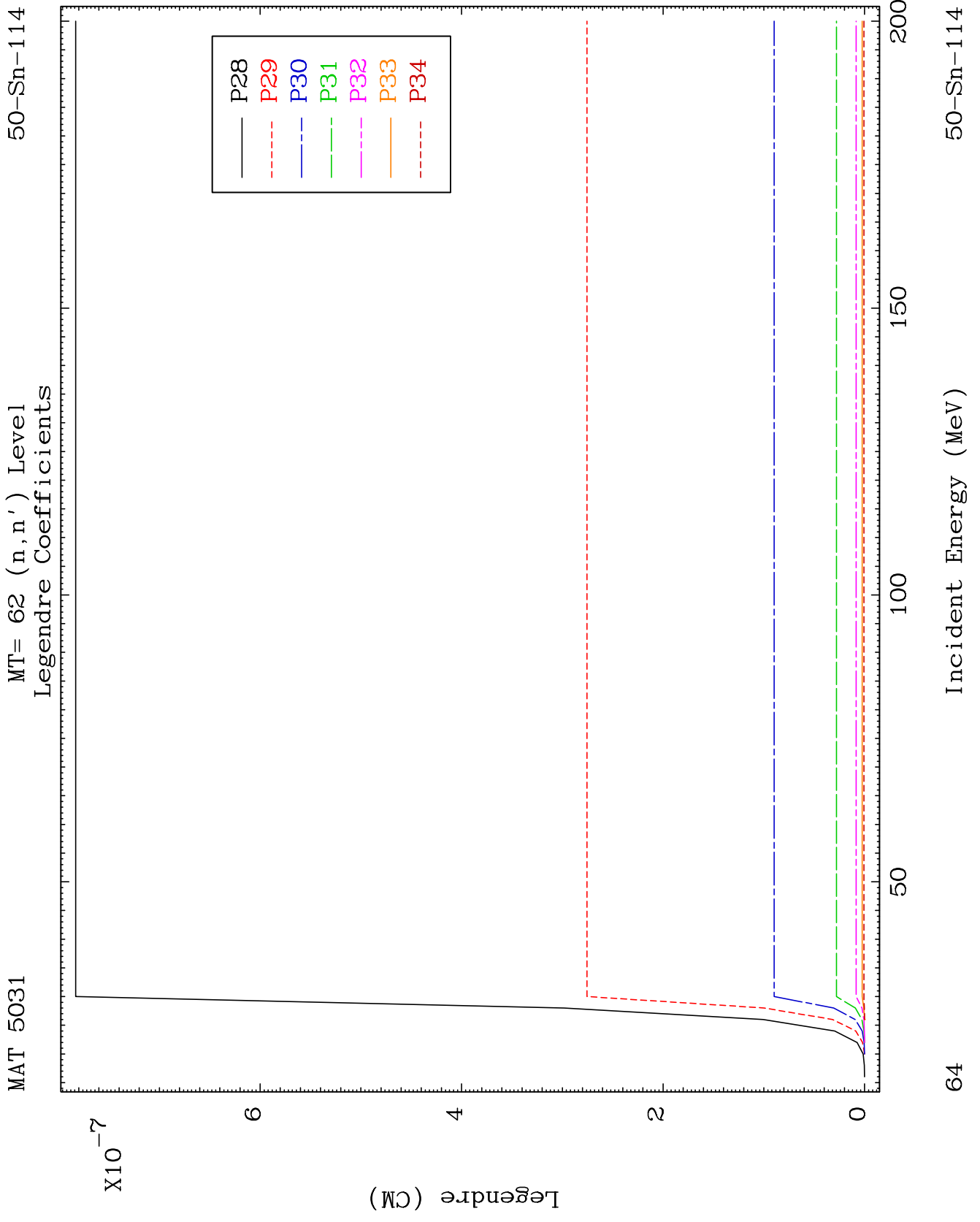


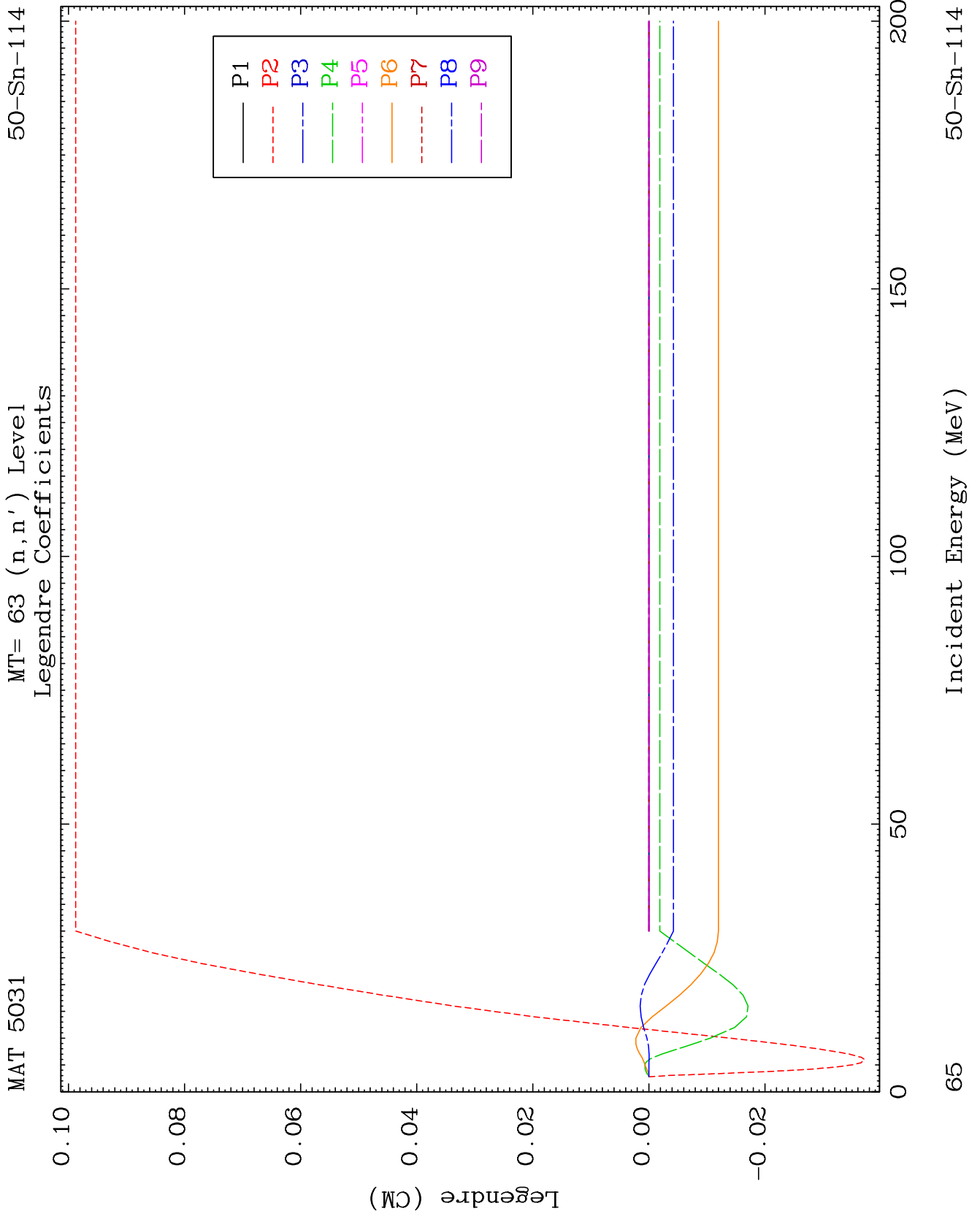
MAT 5031

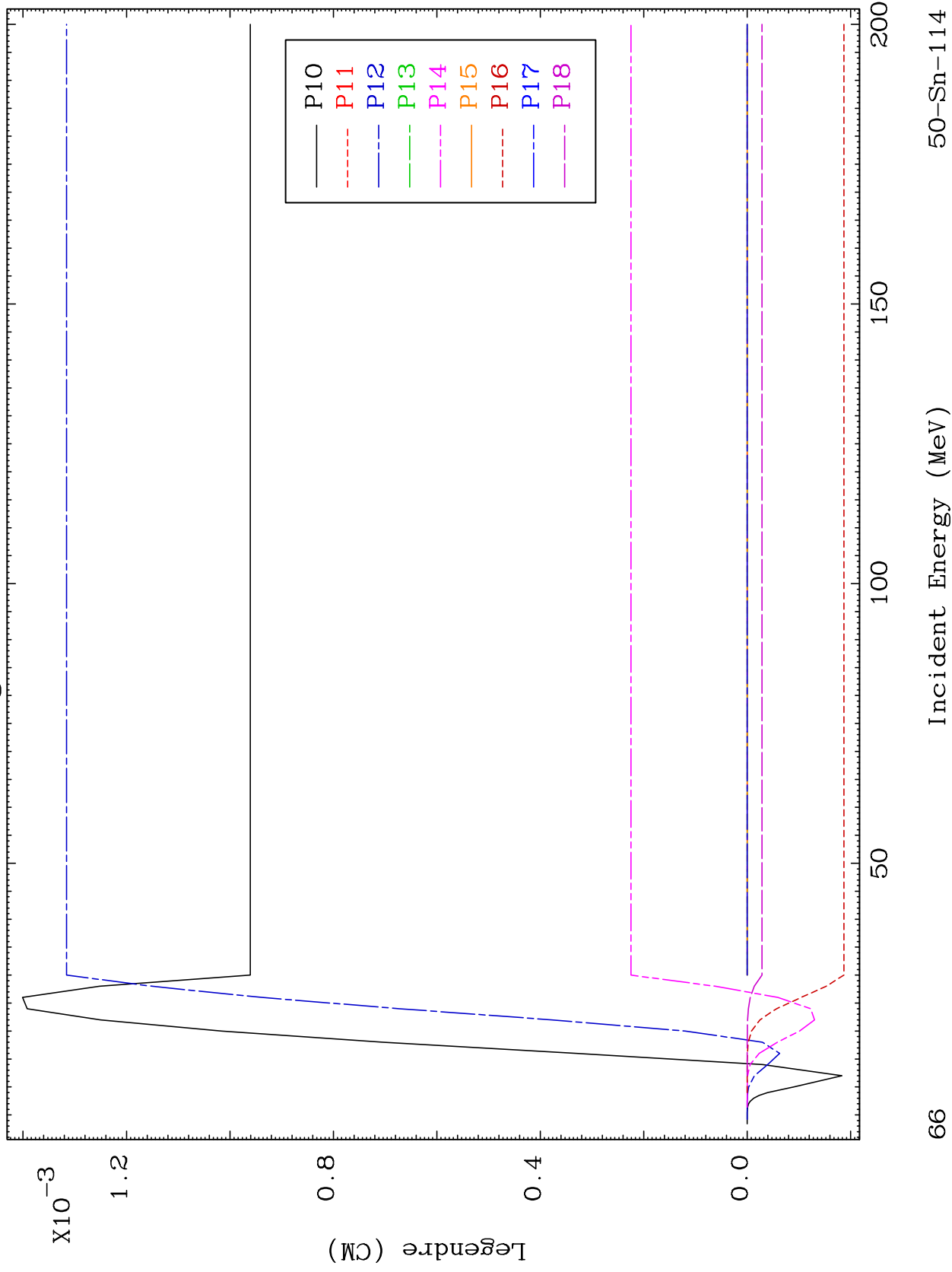
MT= 62 (n,n') Level
Legendre Coefficients

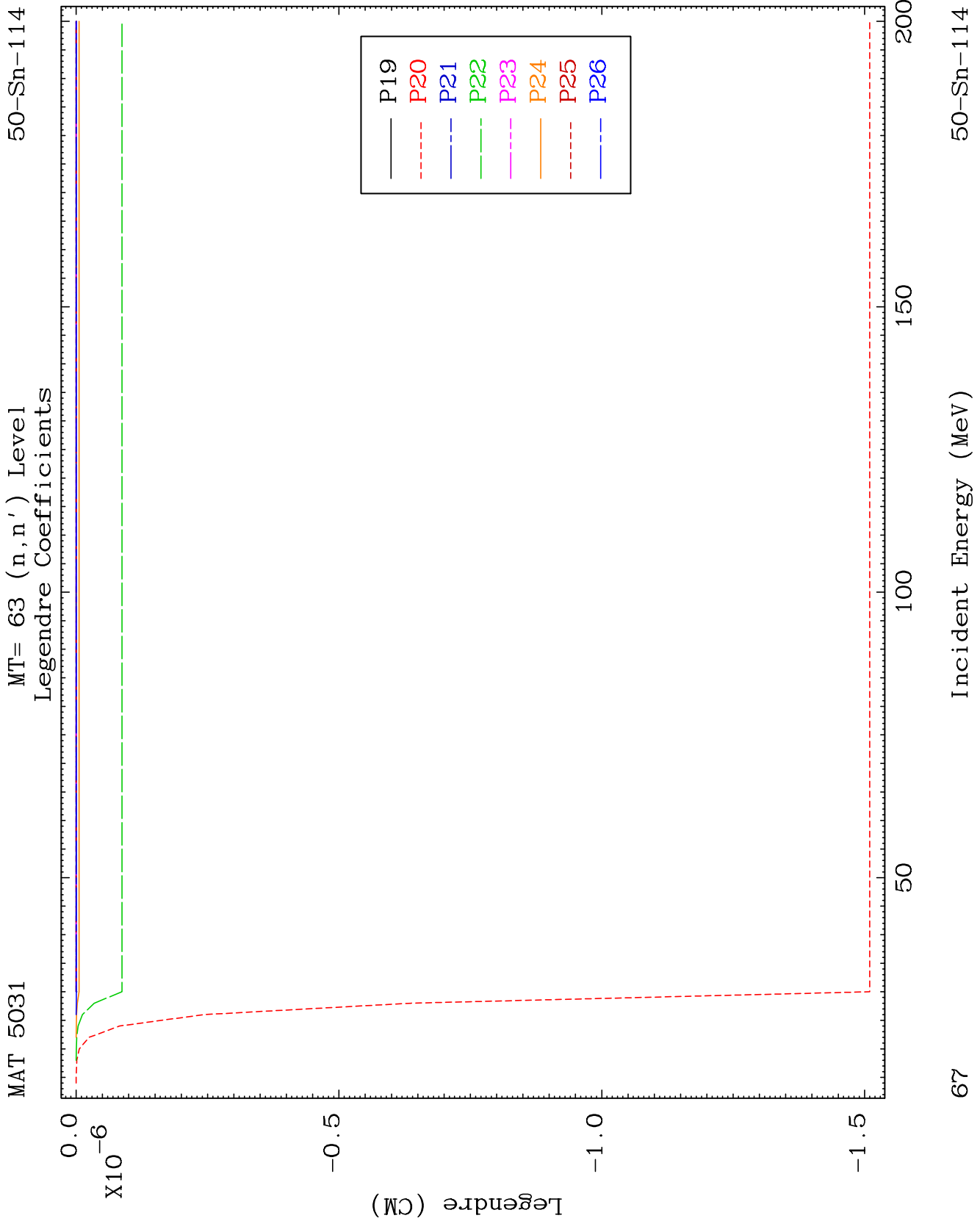
50-Sn-114

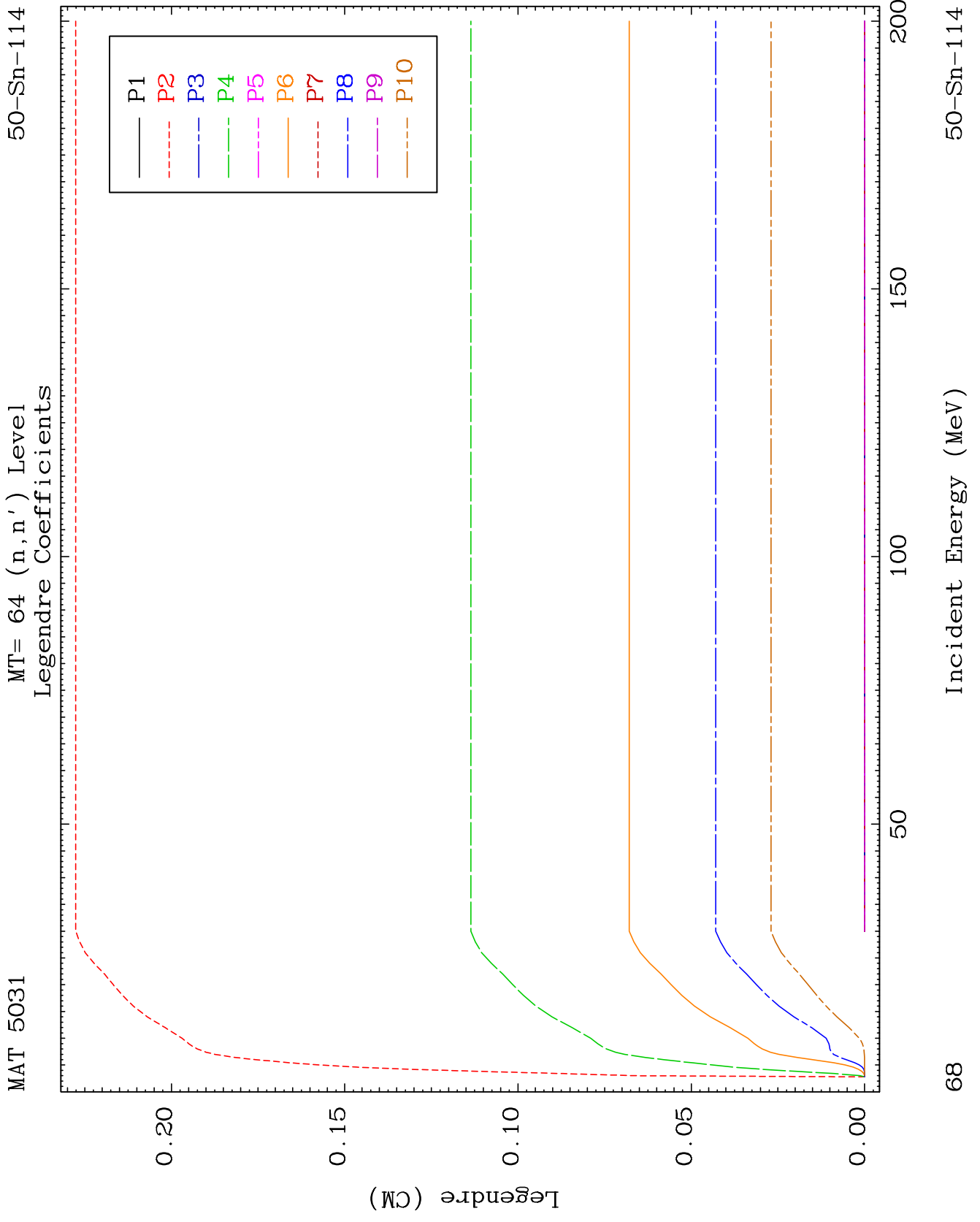


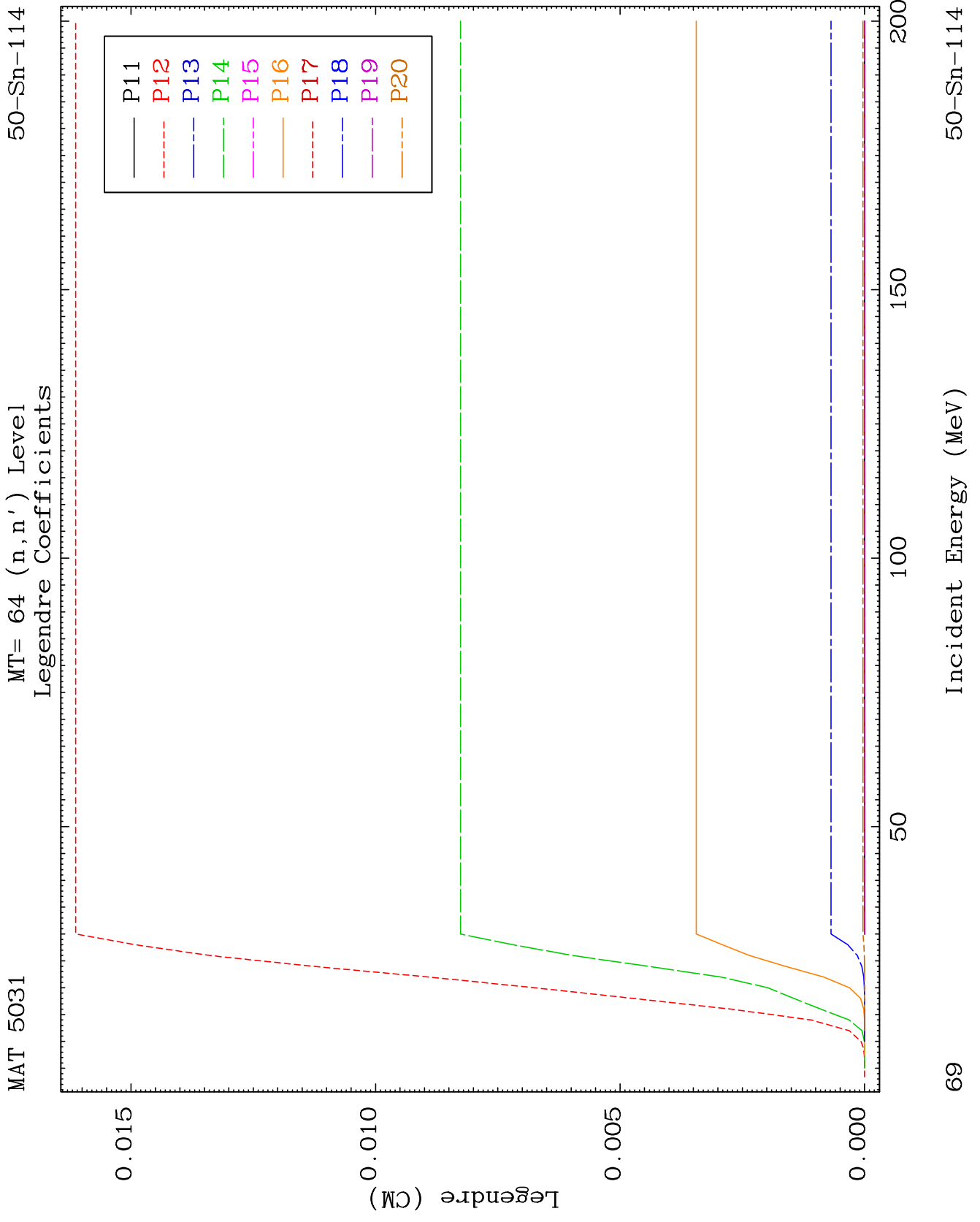


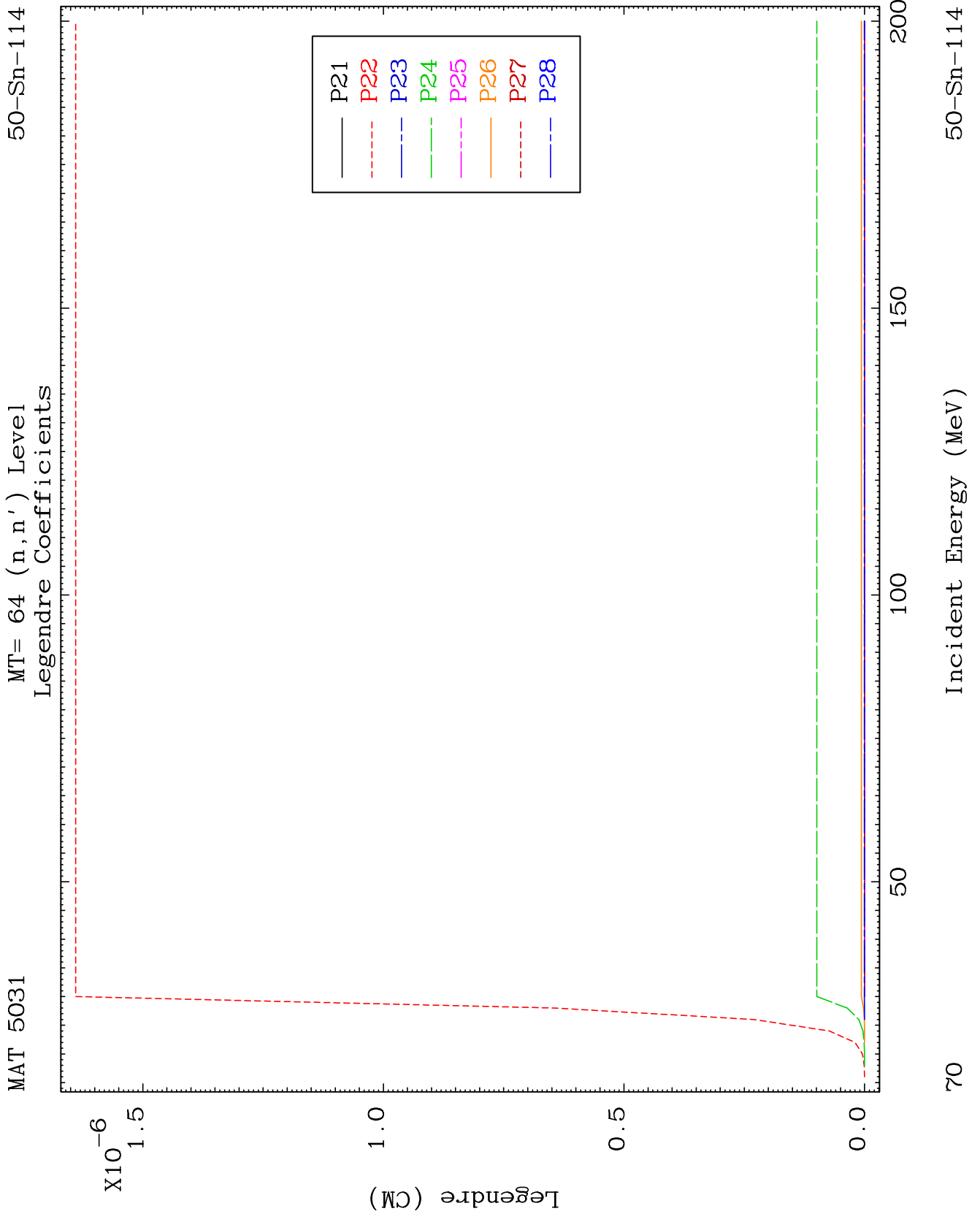


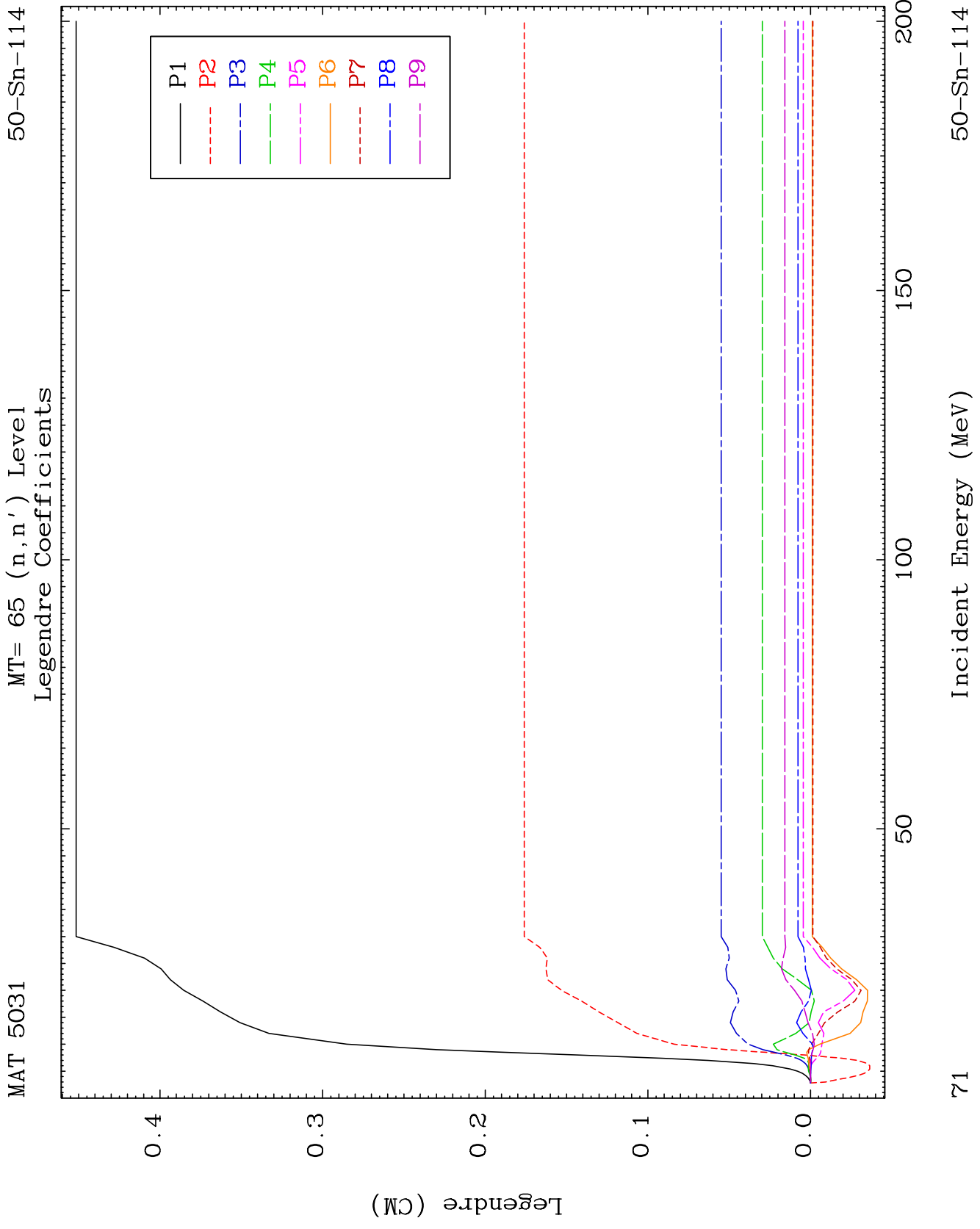


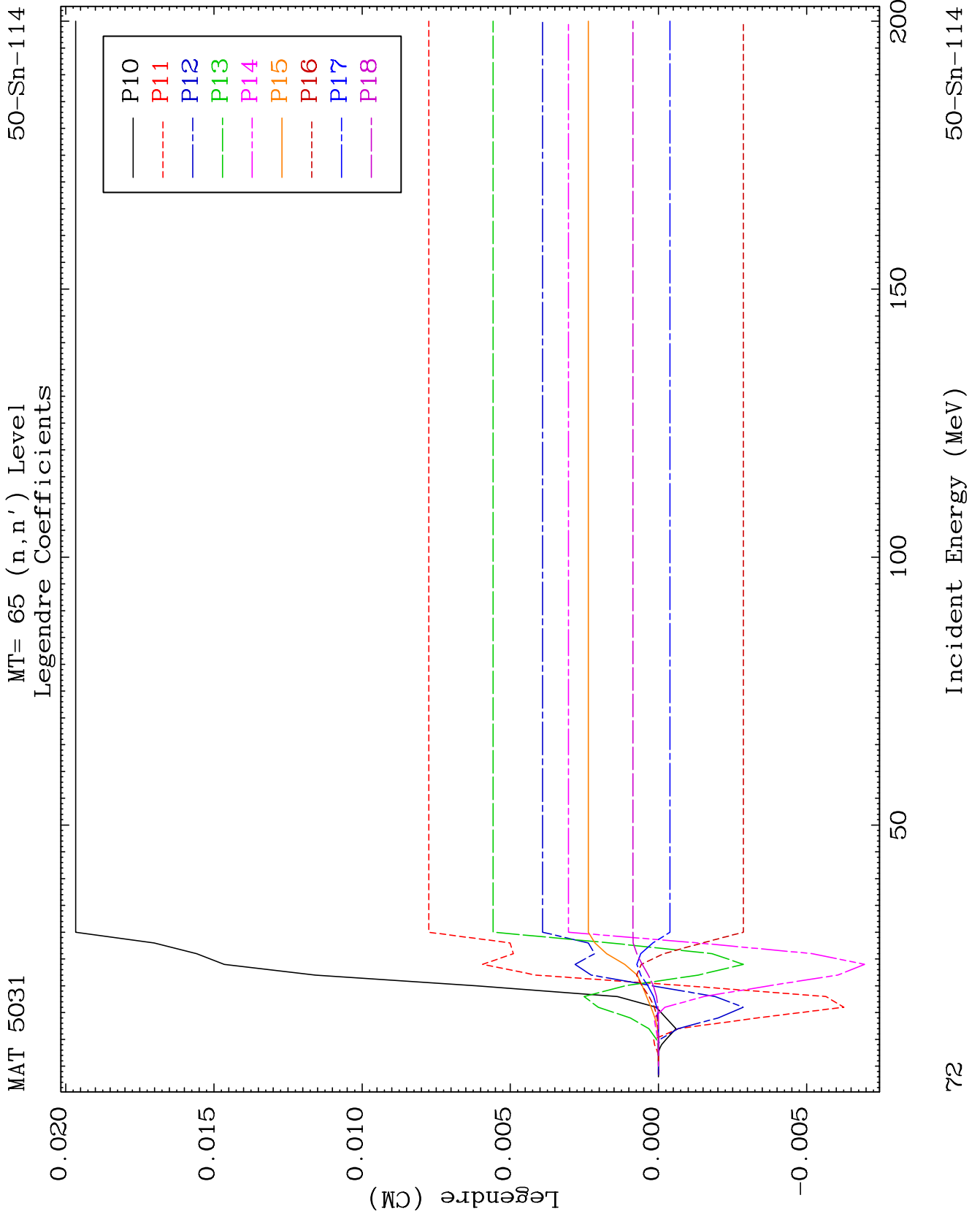








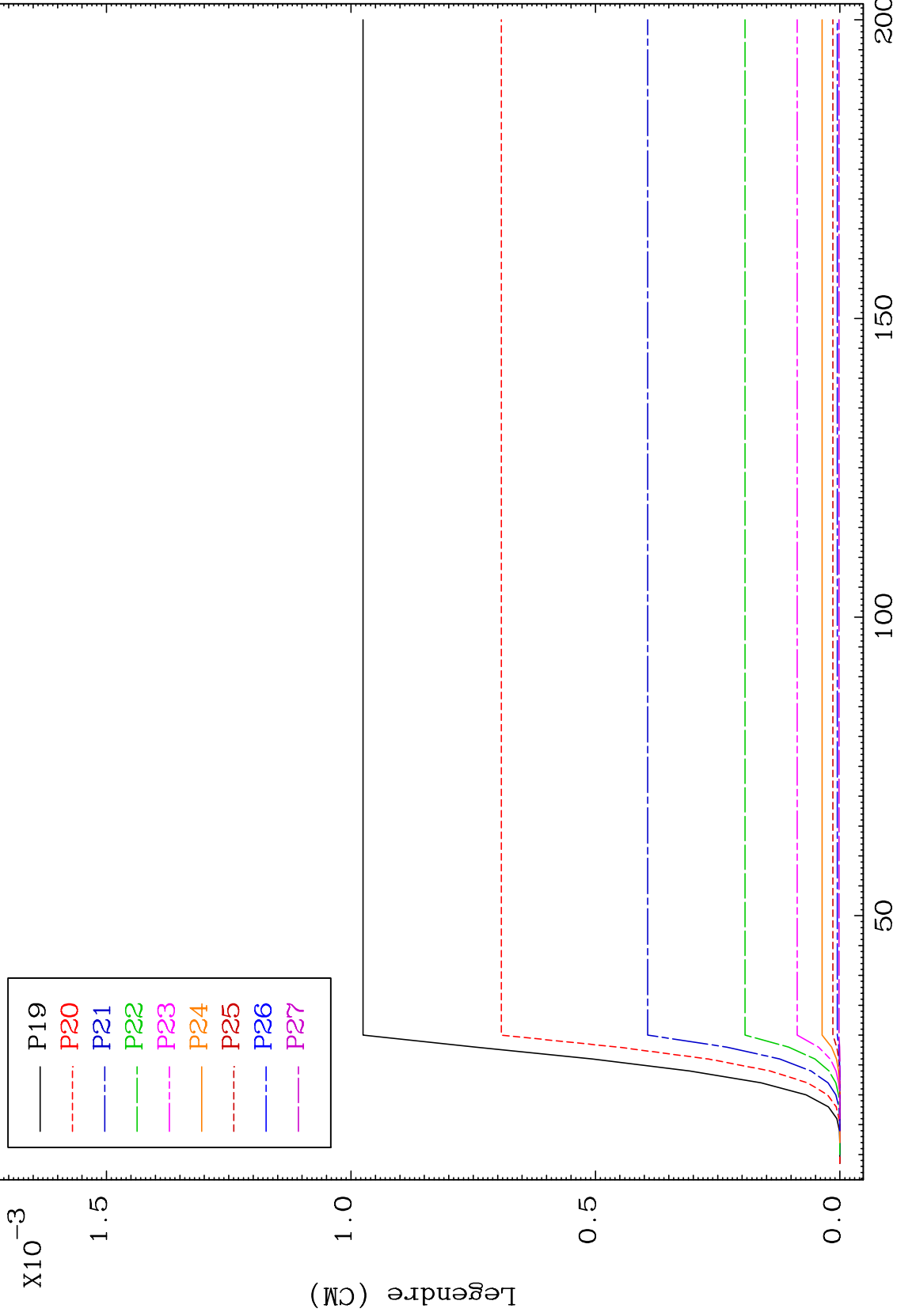
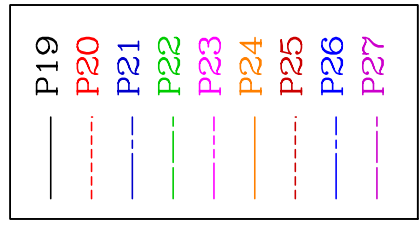




MAT 5031

MT= 65 (n,n') Level
Legendre Coefficients

50-Sn-114



73

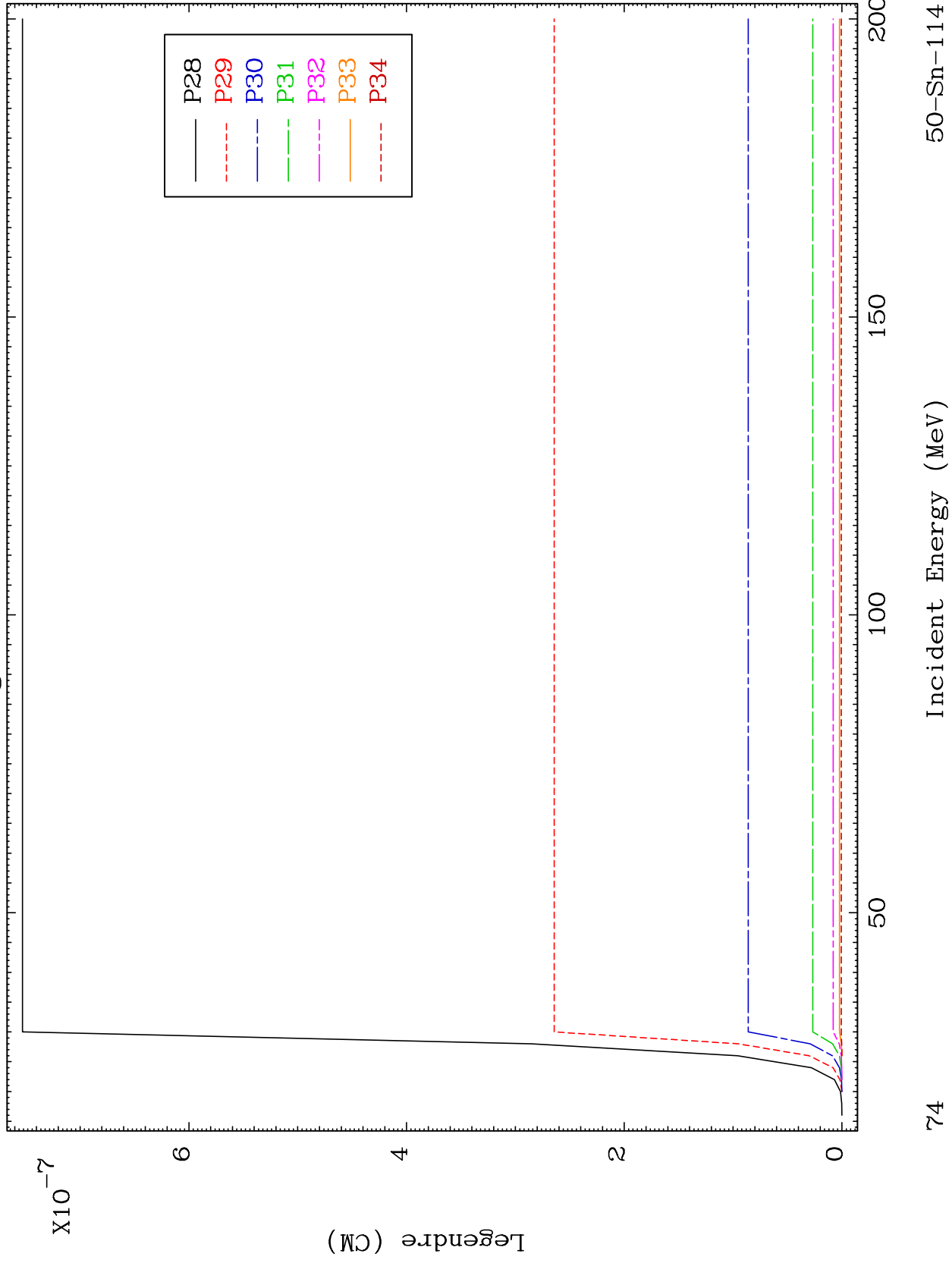
Incident Energy (MeV)

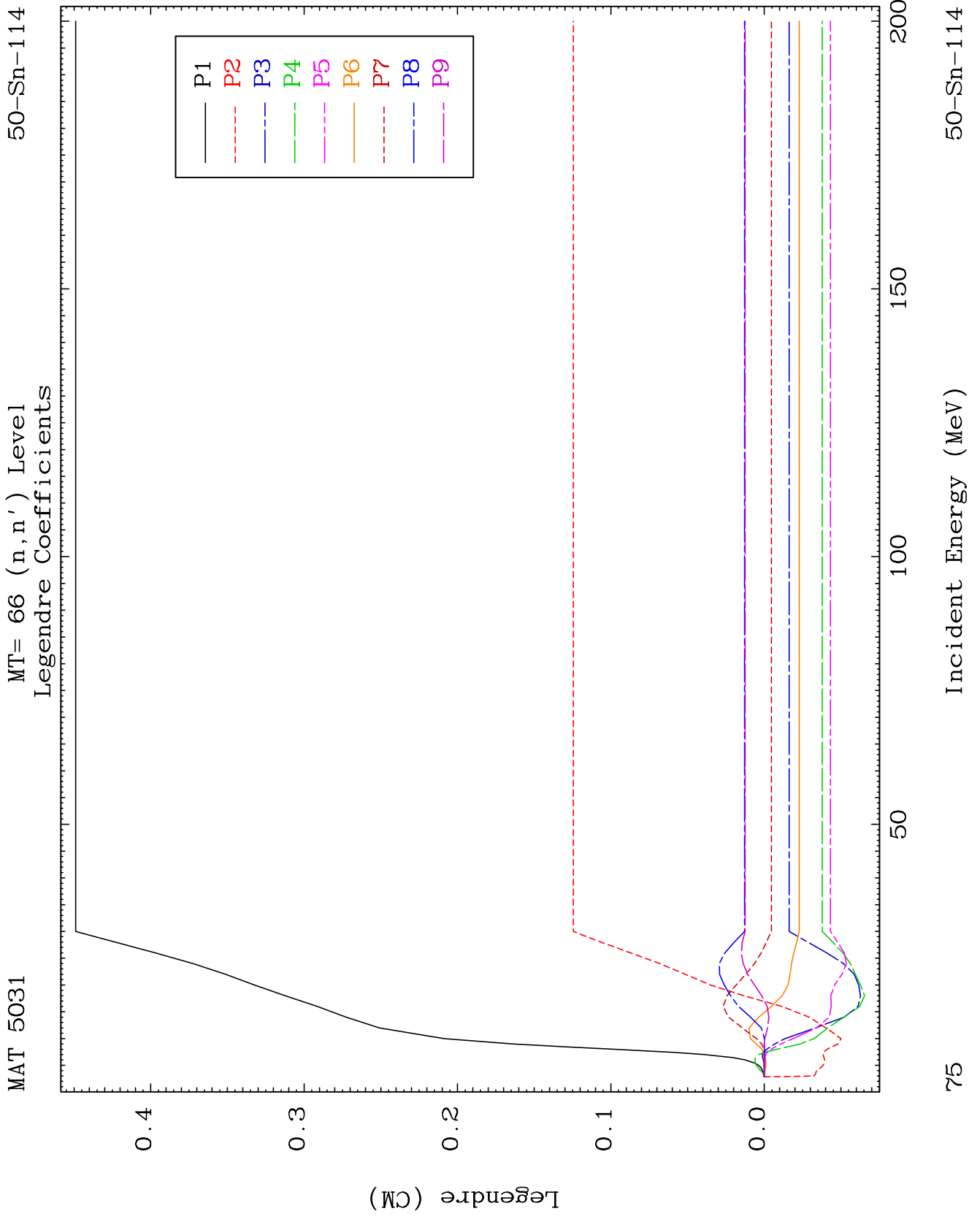
50-Sn-114

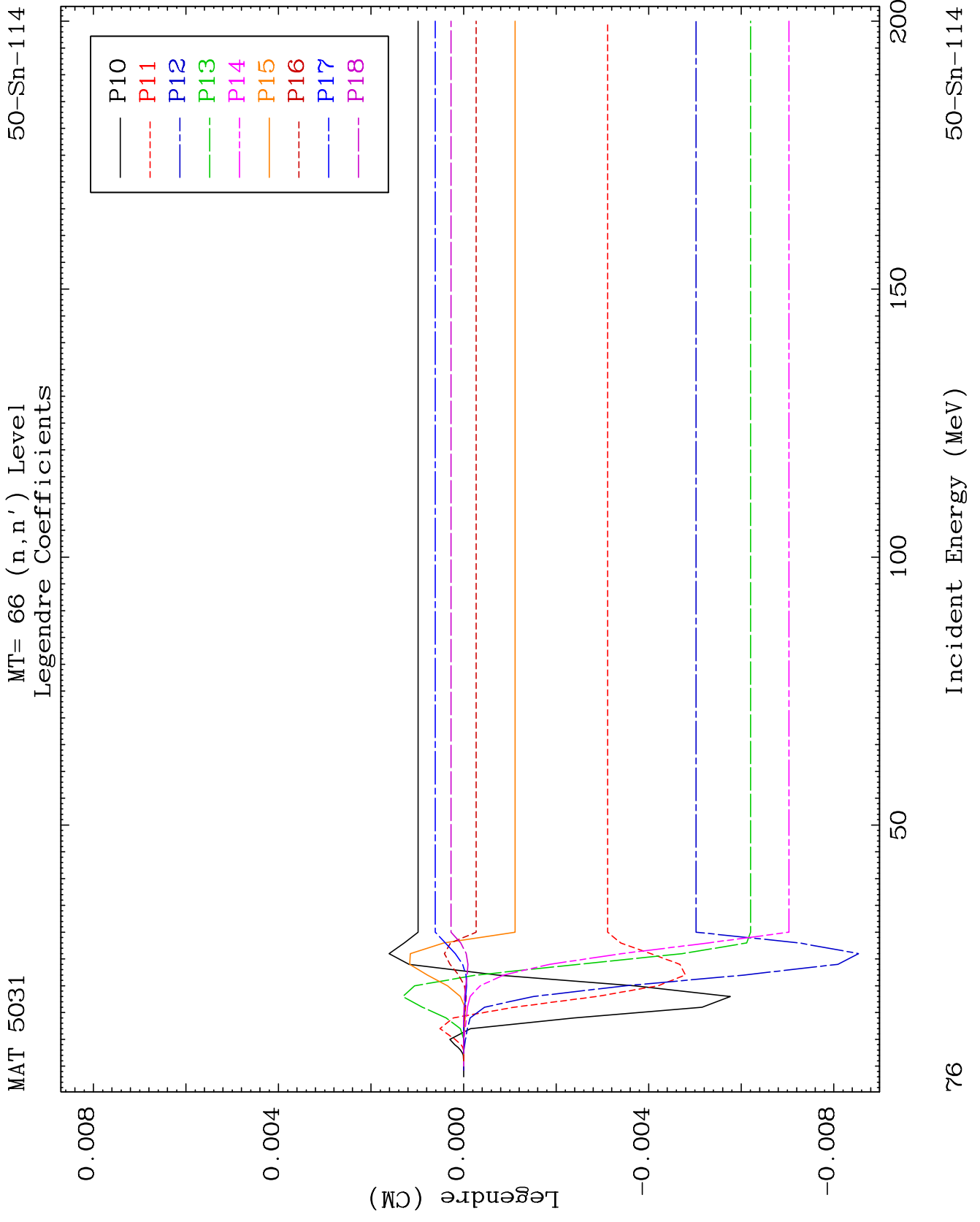
MAT 5031

MT= 65 (n,n') Level
Legendre Coefficients

50-Sn-114



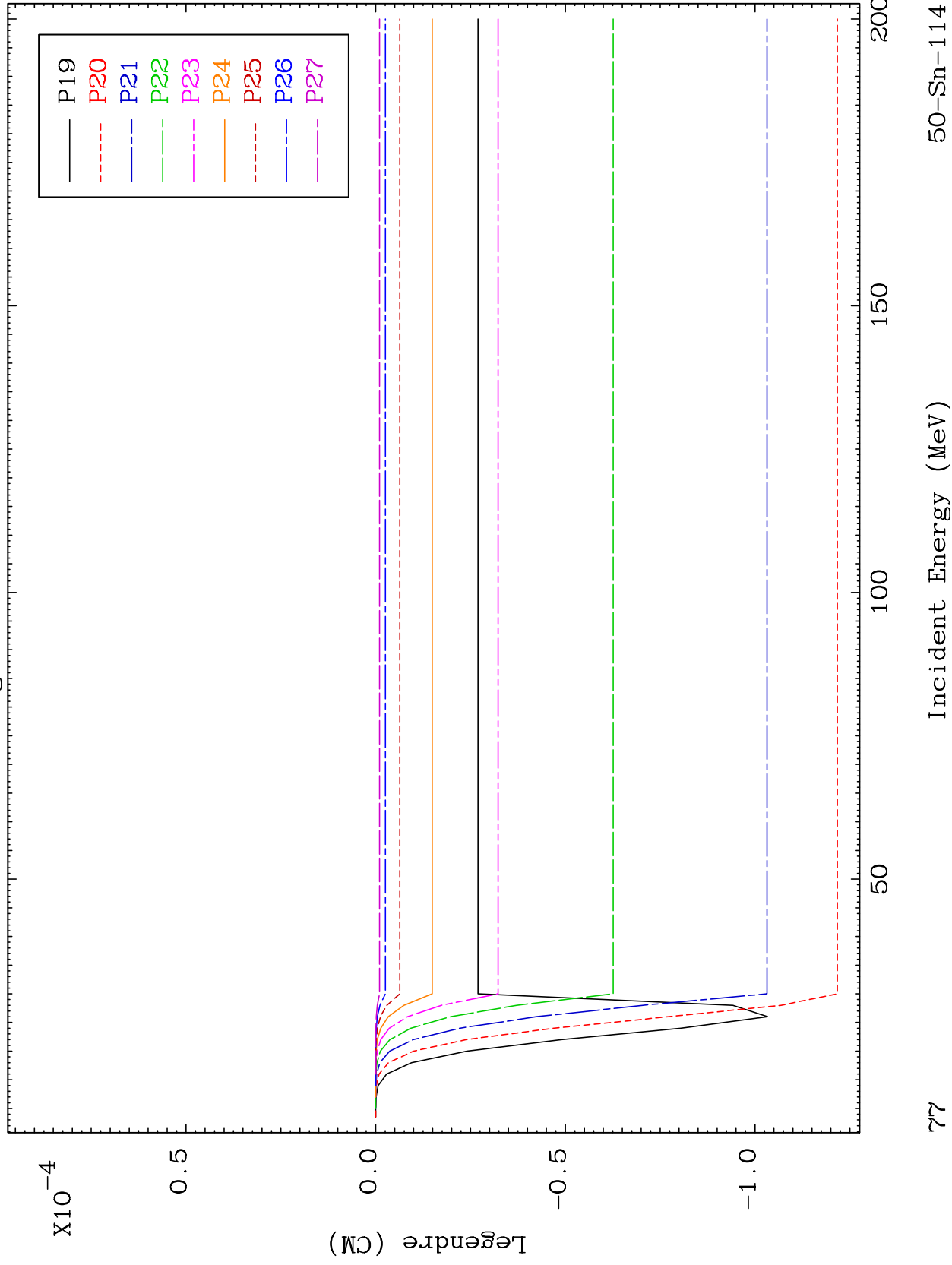




MAT 5031

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

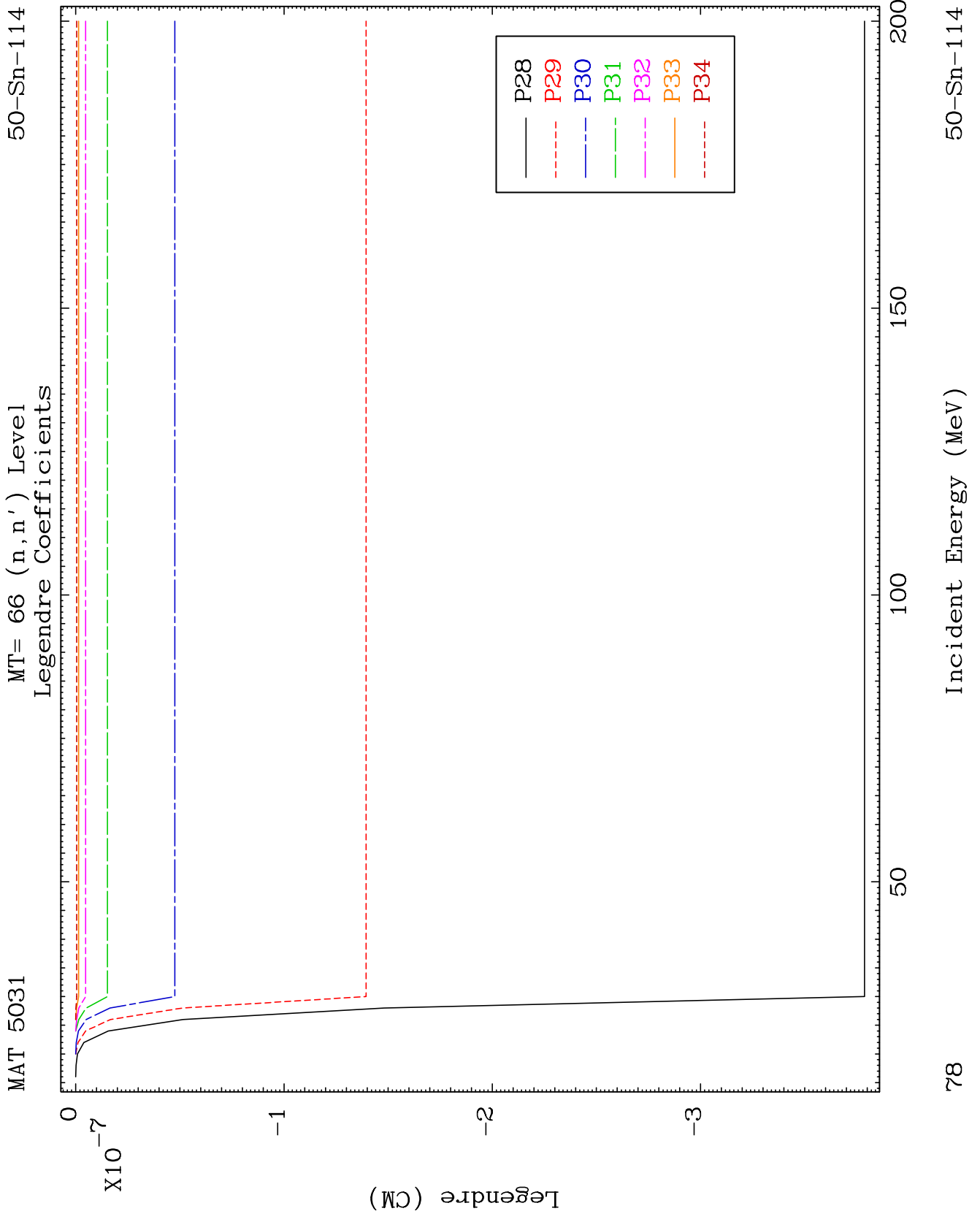
50-Sn-114



77

Incident Energy (MeV)

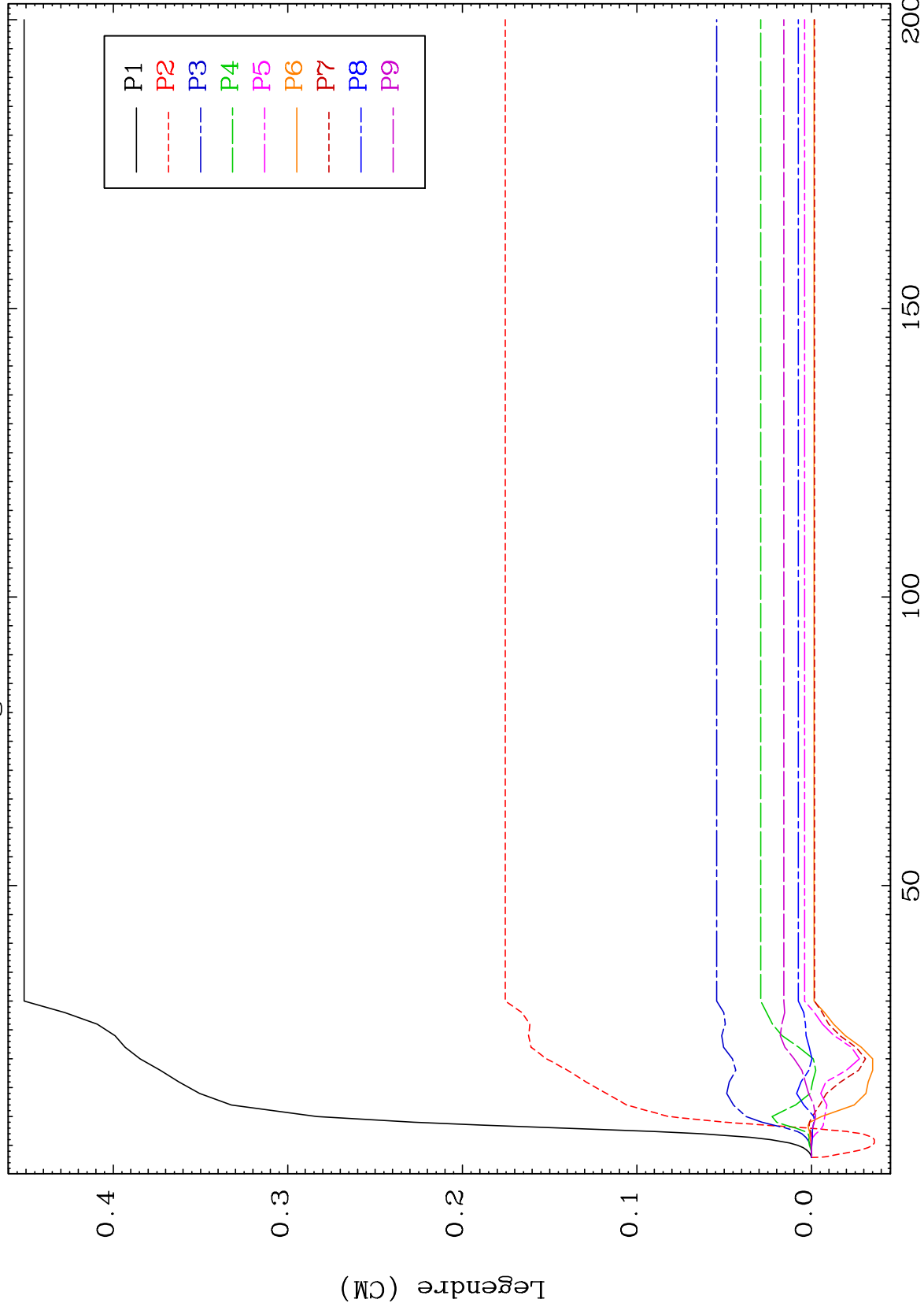
50-Sn-114



MAT 5031

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

50-Sn-114



79

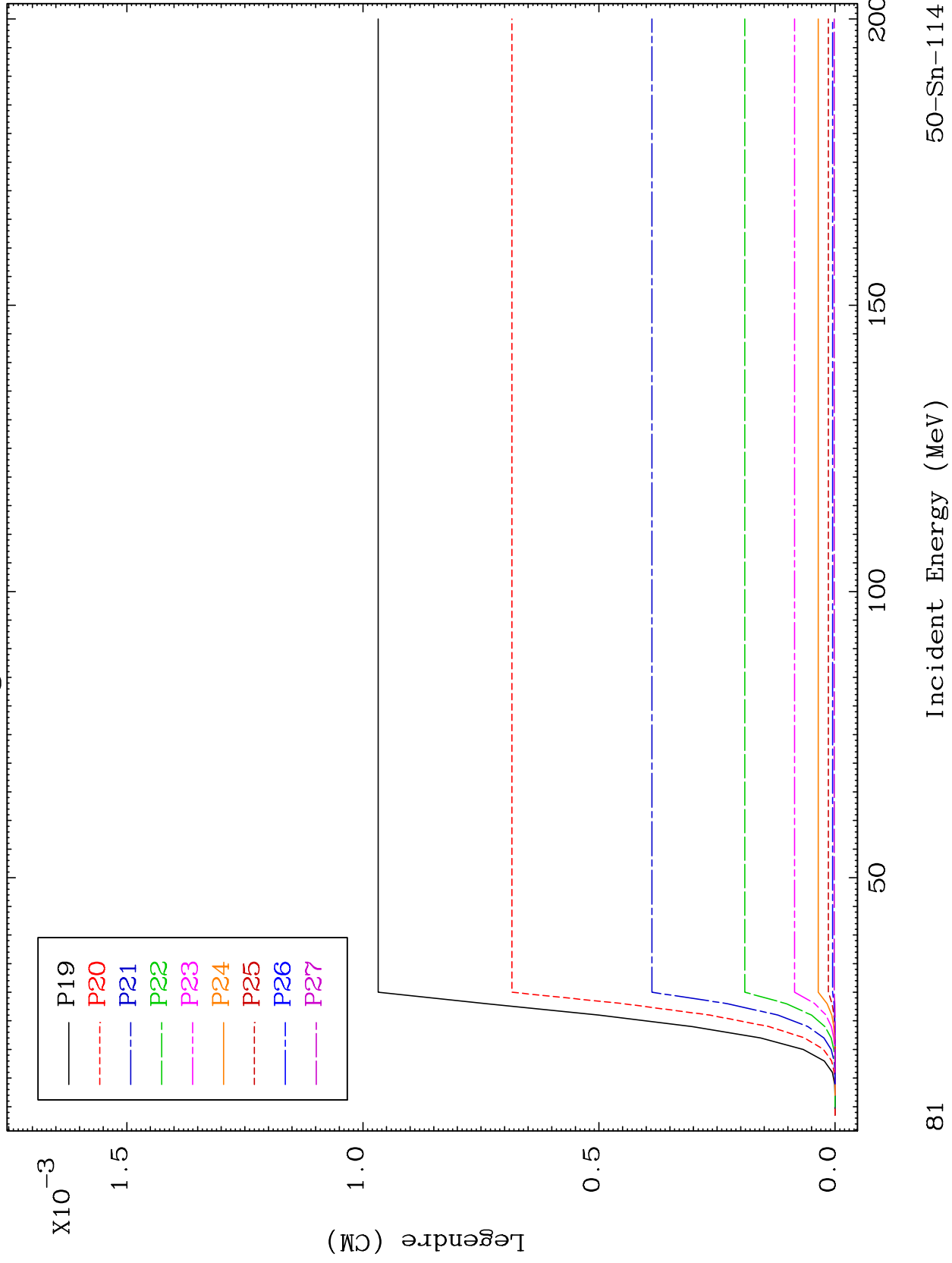
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

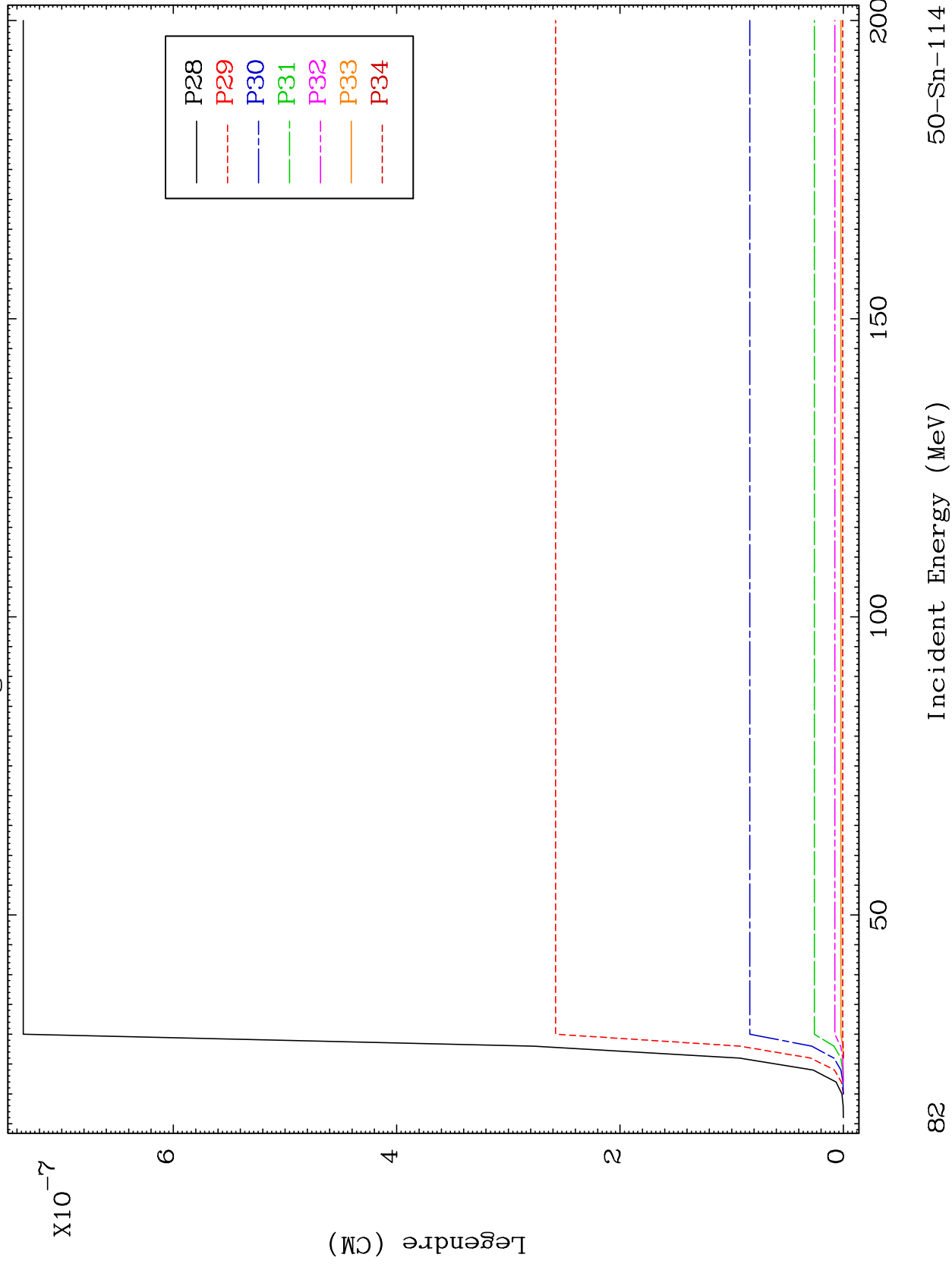
50-Sn-114

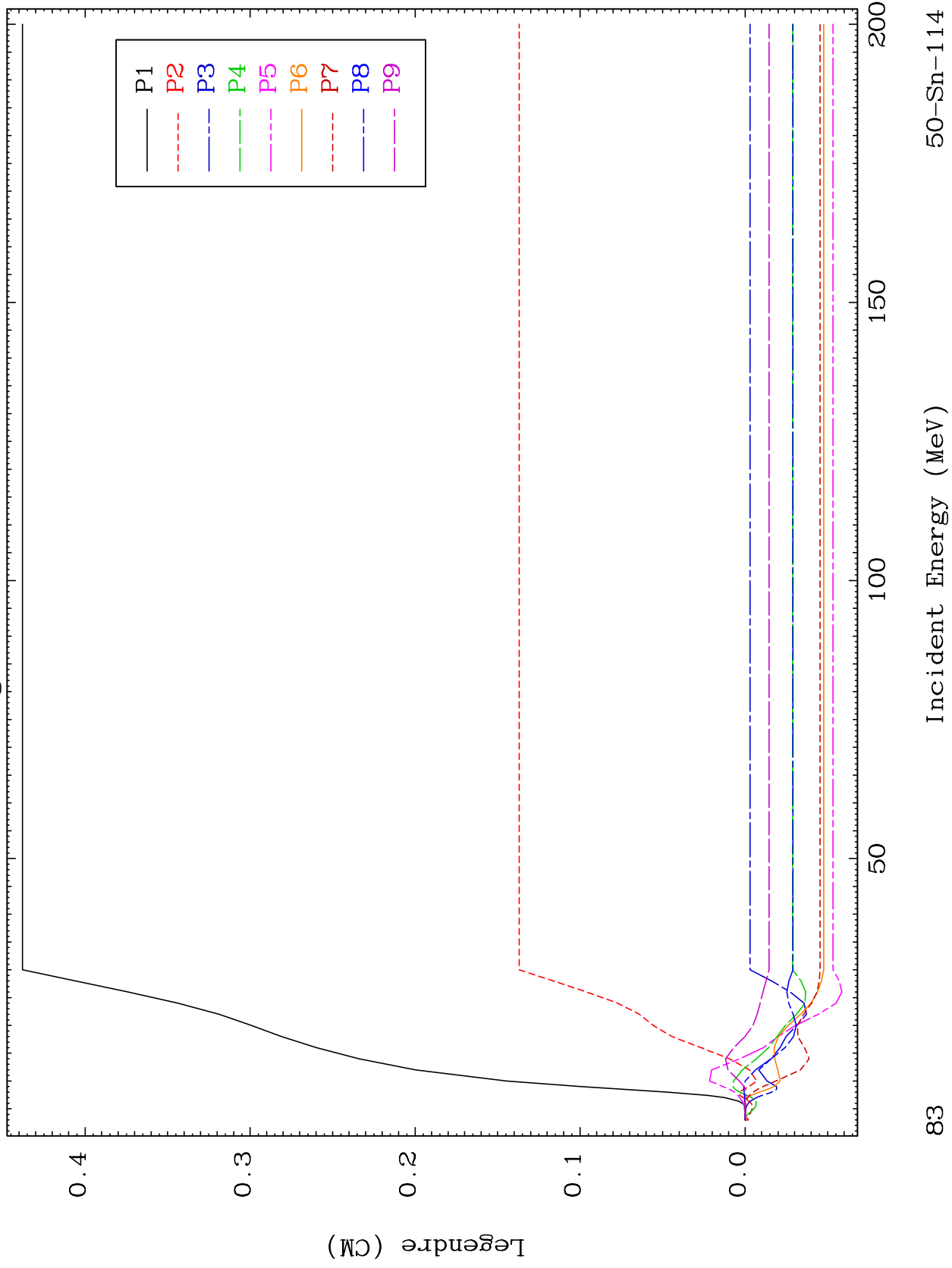


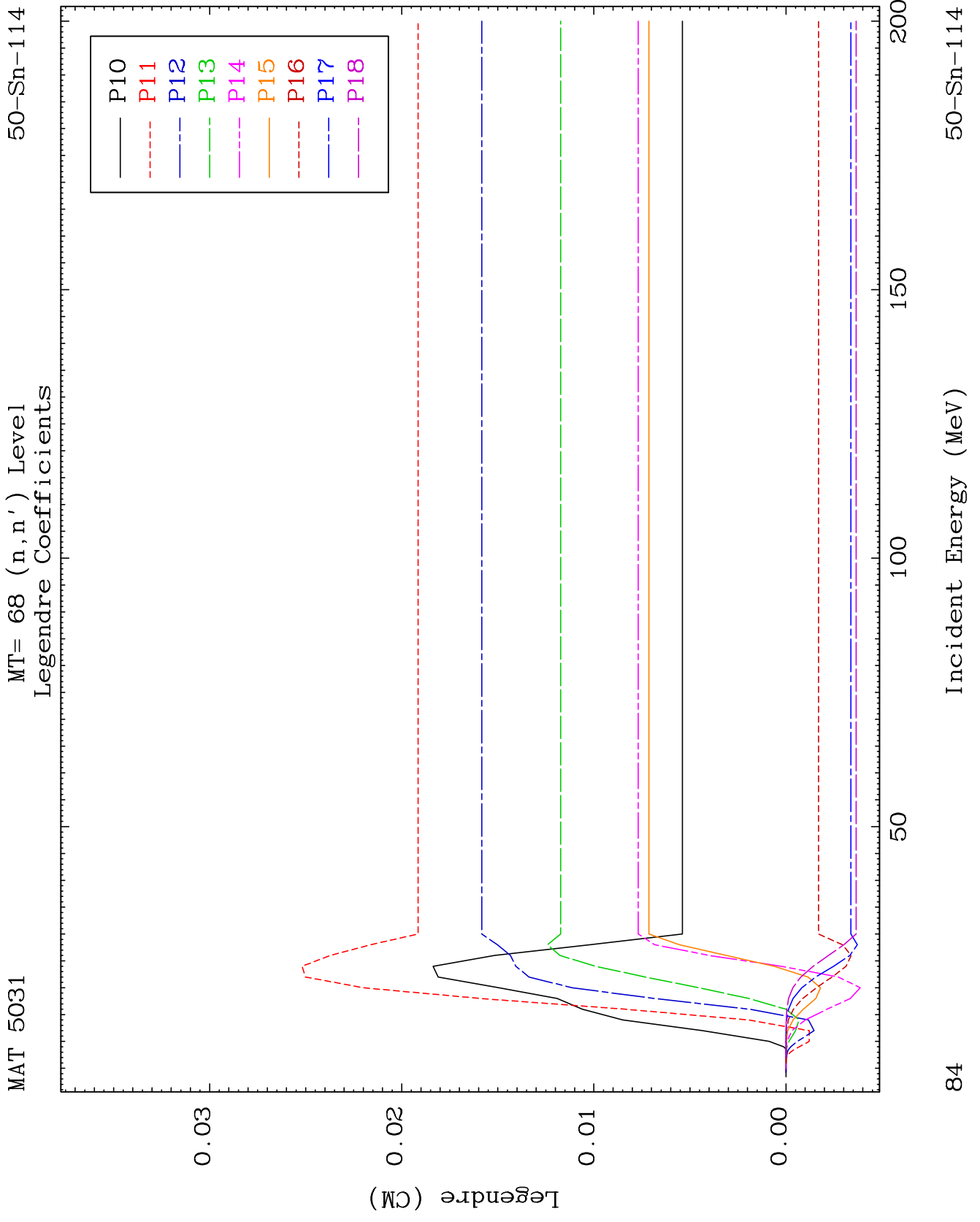
MAT 5031

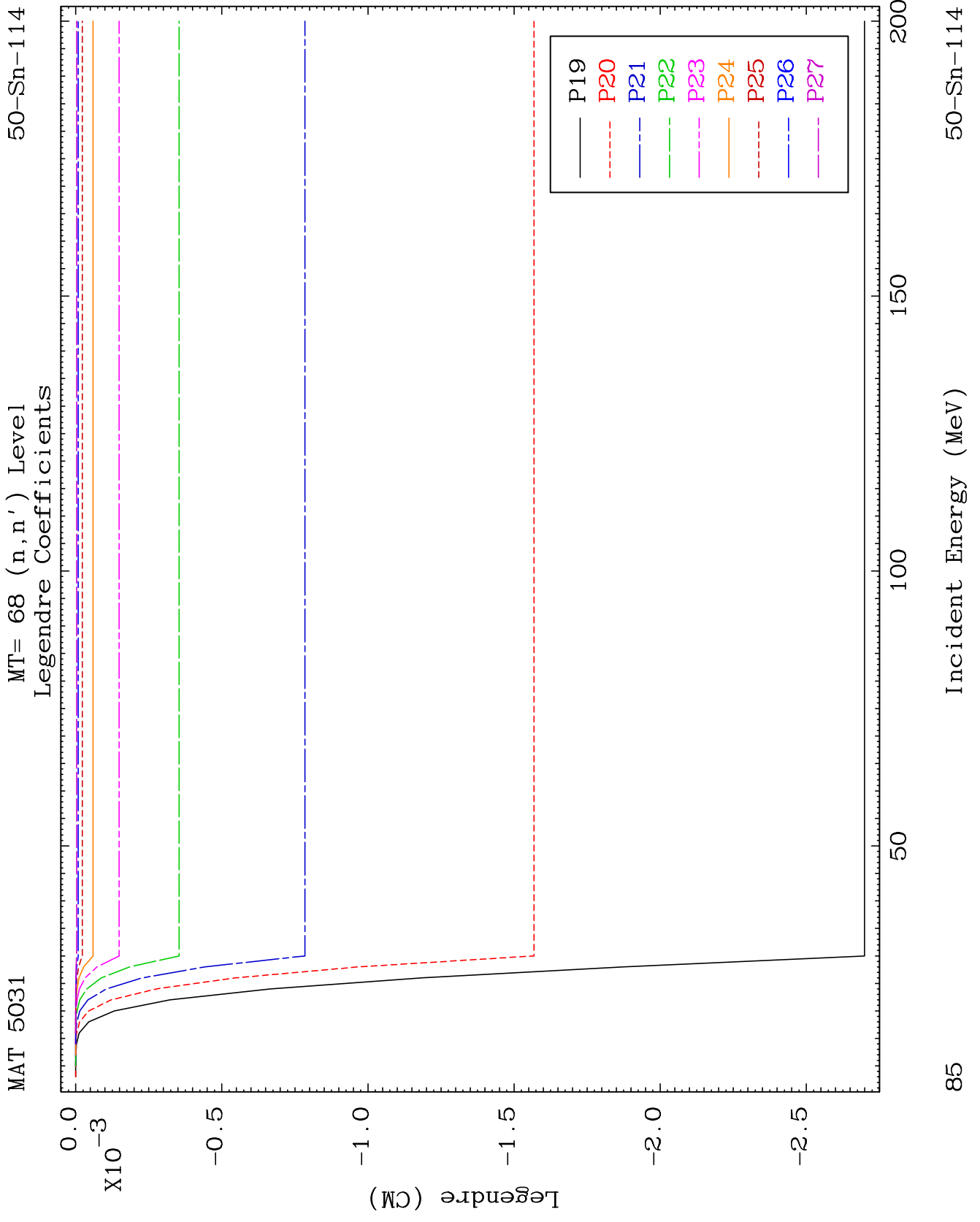
MT= 67 (n,n') Level
Legendre Coefficients

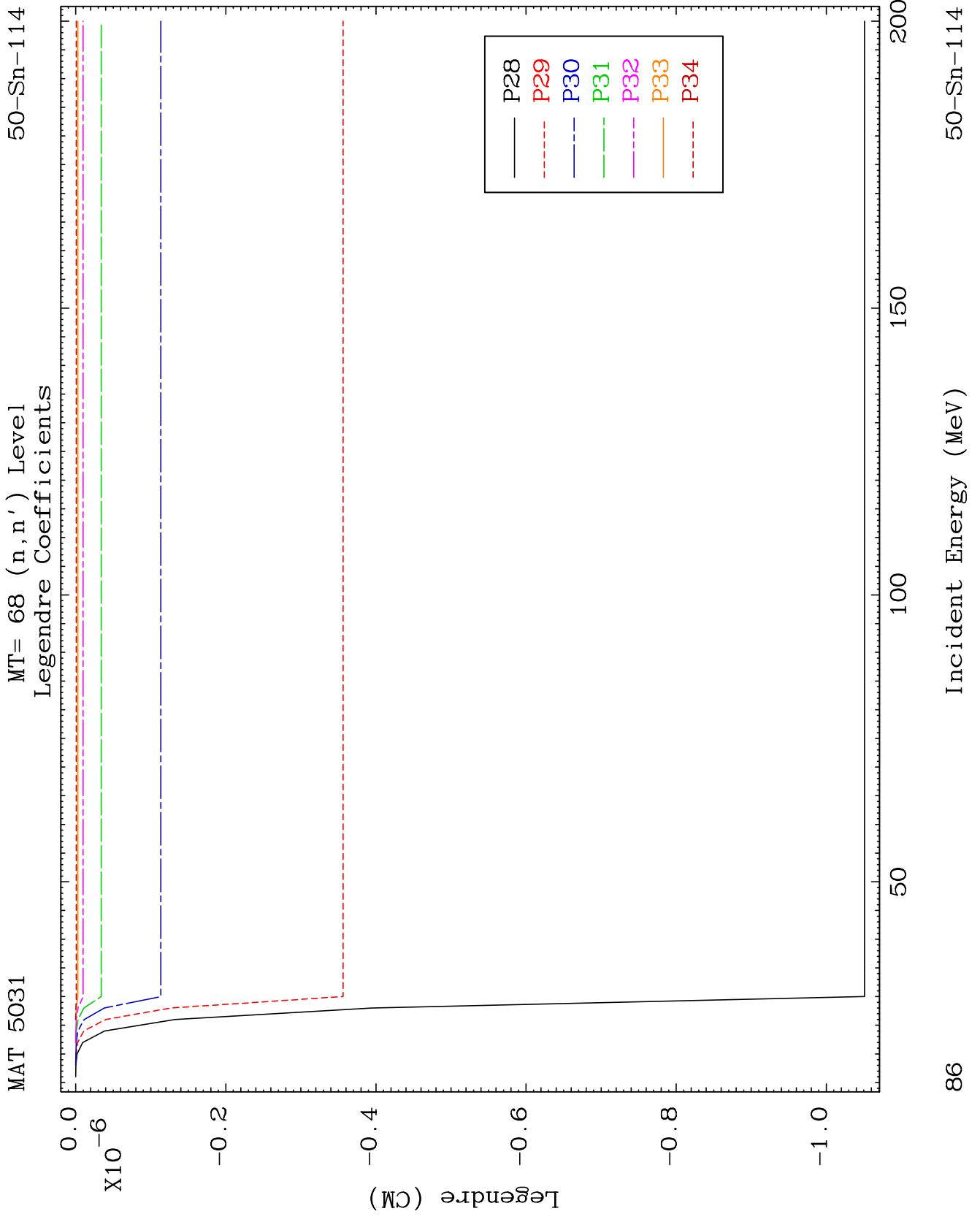
50-Sn-114







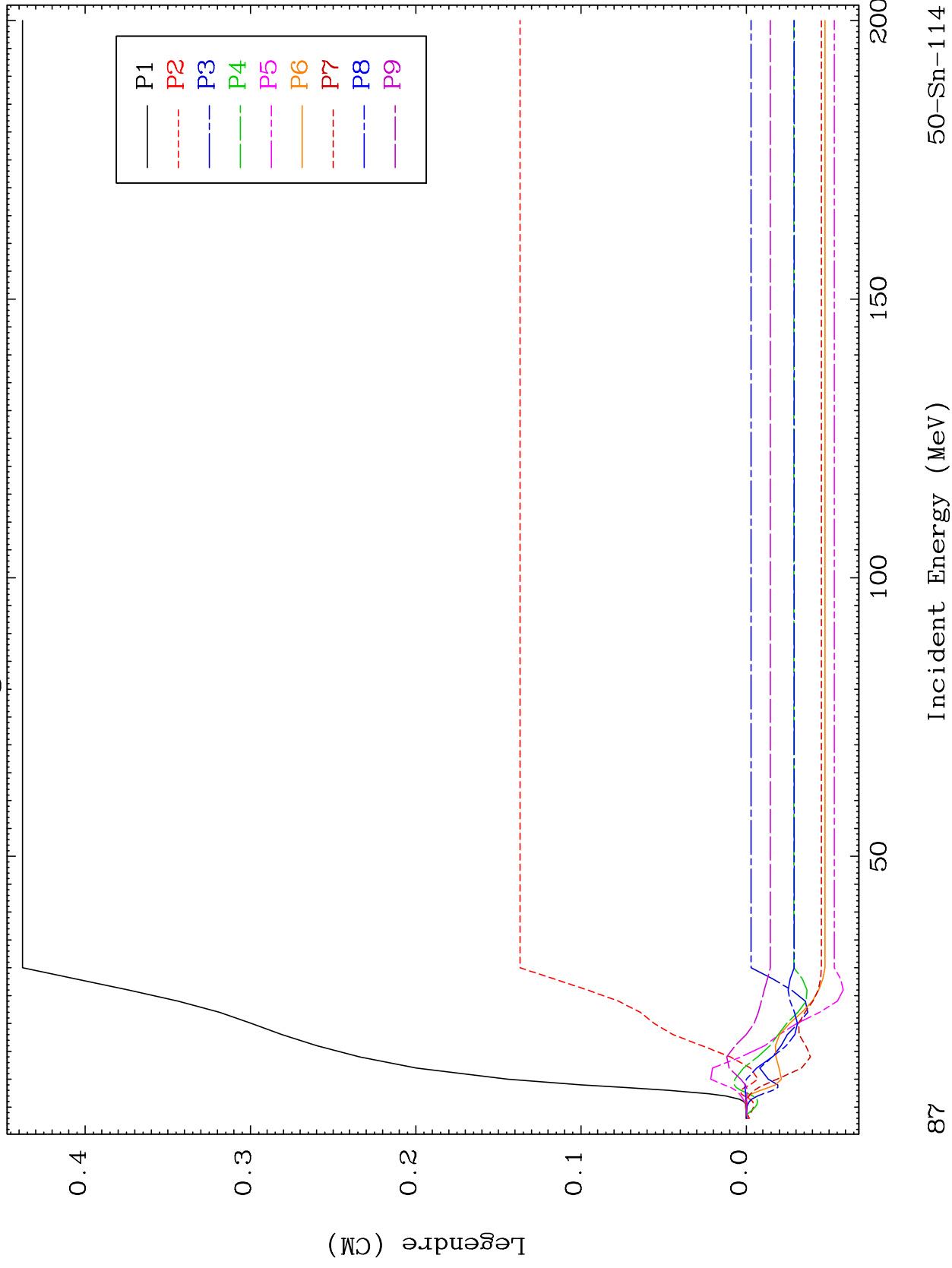




MAT 5031

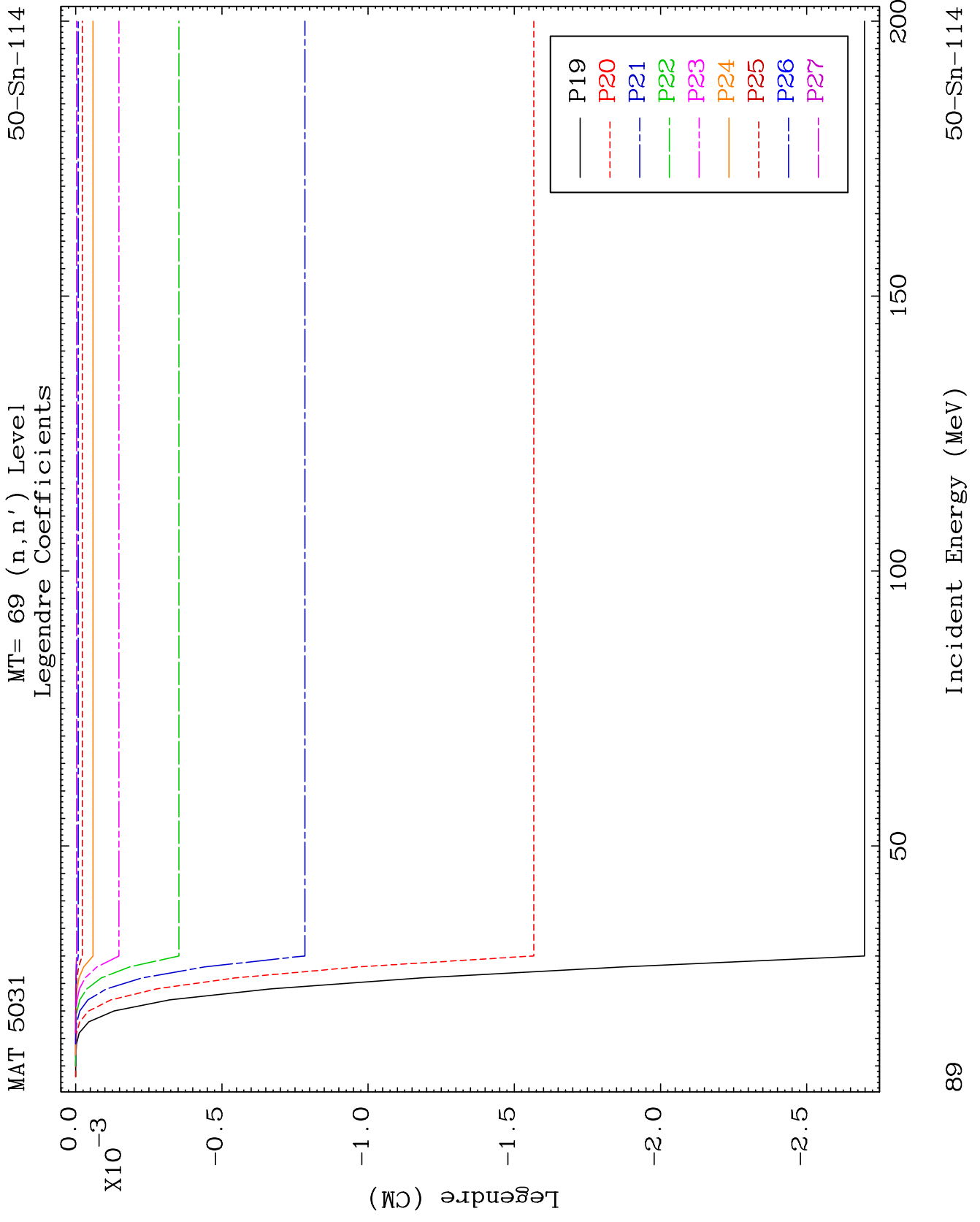
MT= 69 (n,n') Level
Legendre Coefficients

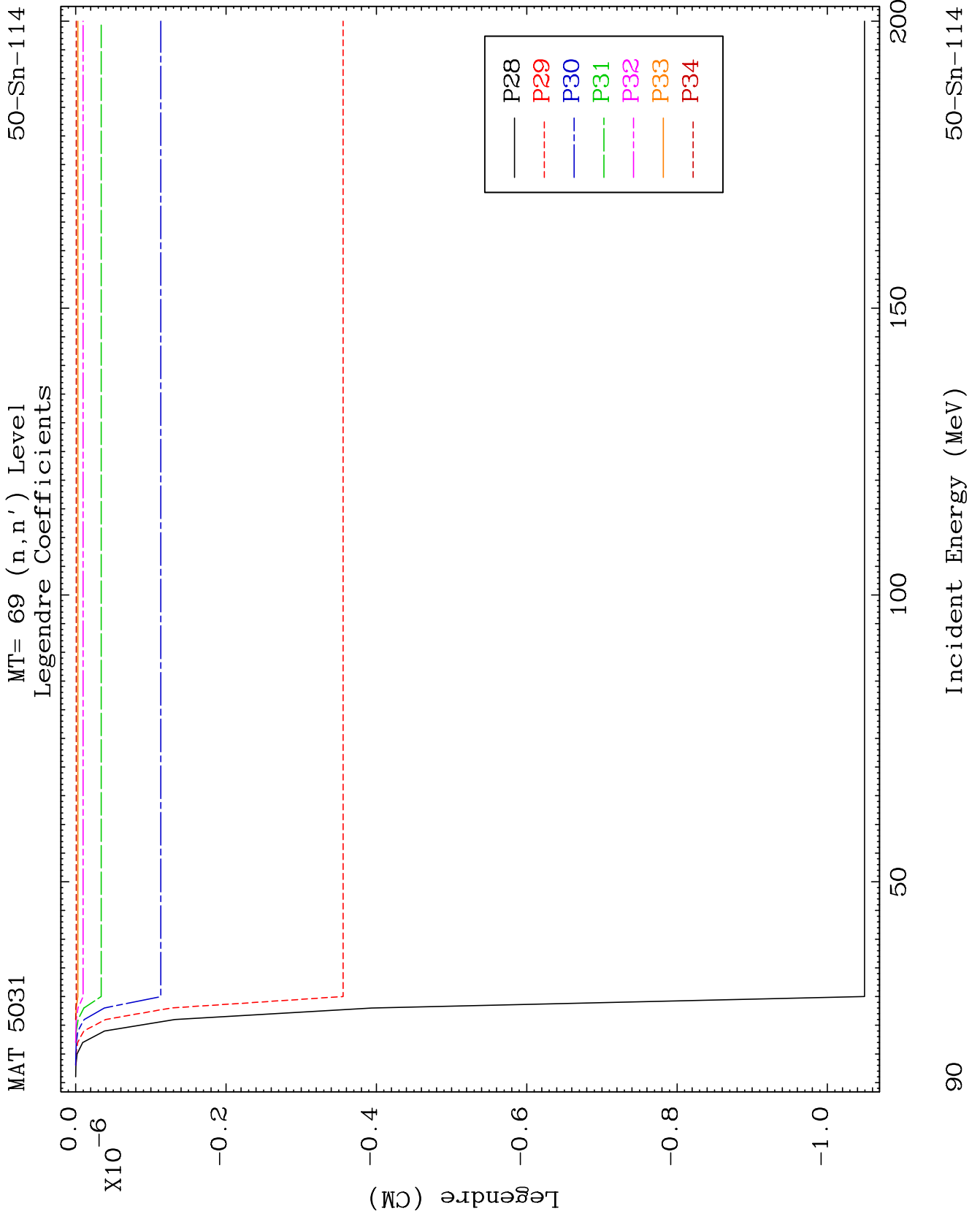
50-Sn-114

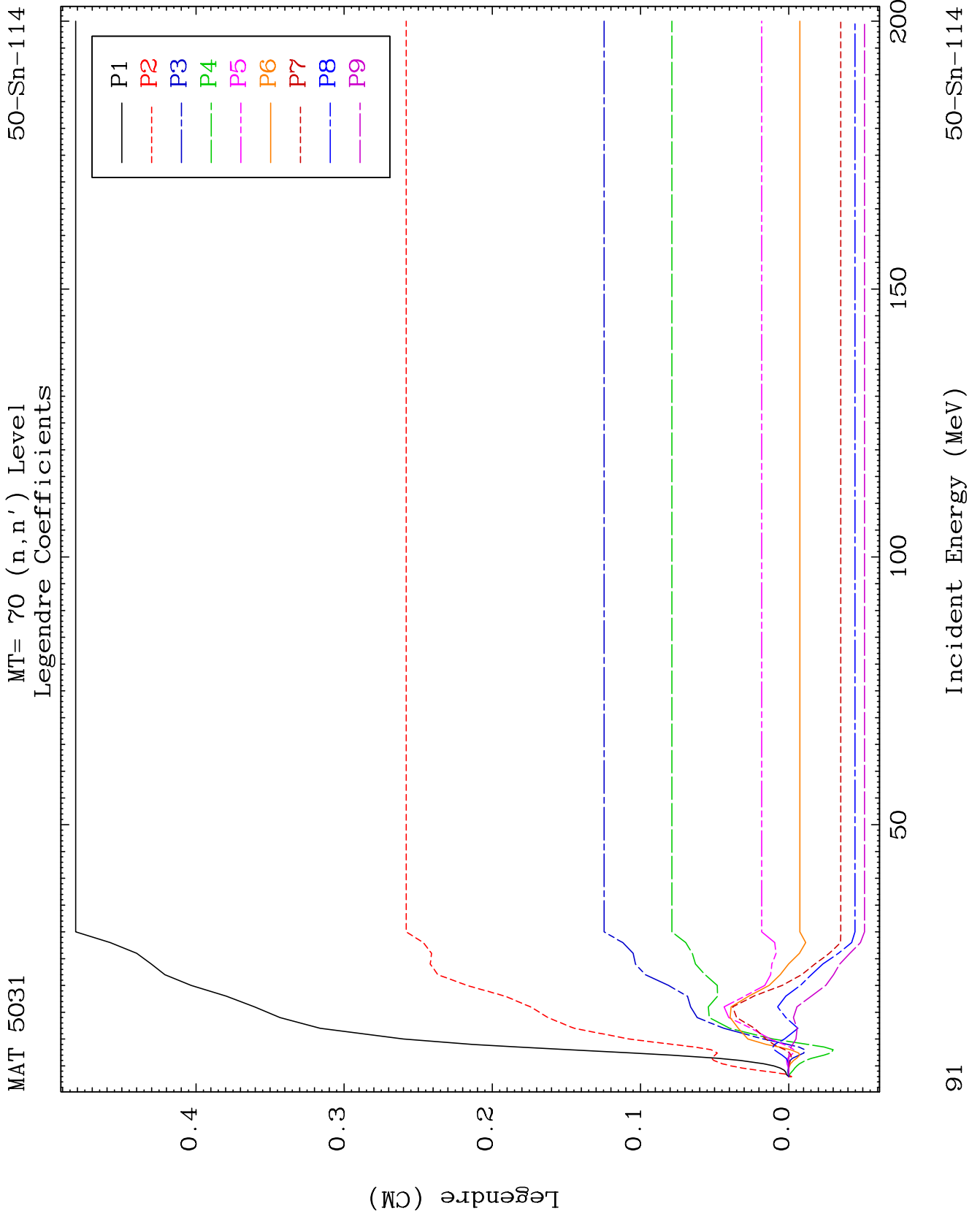


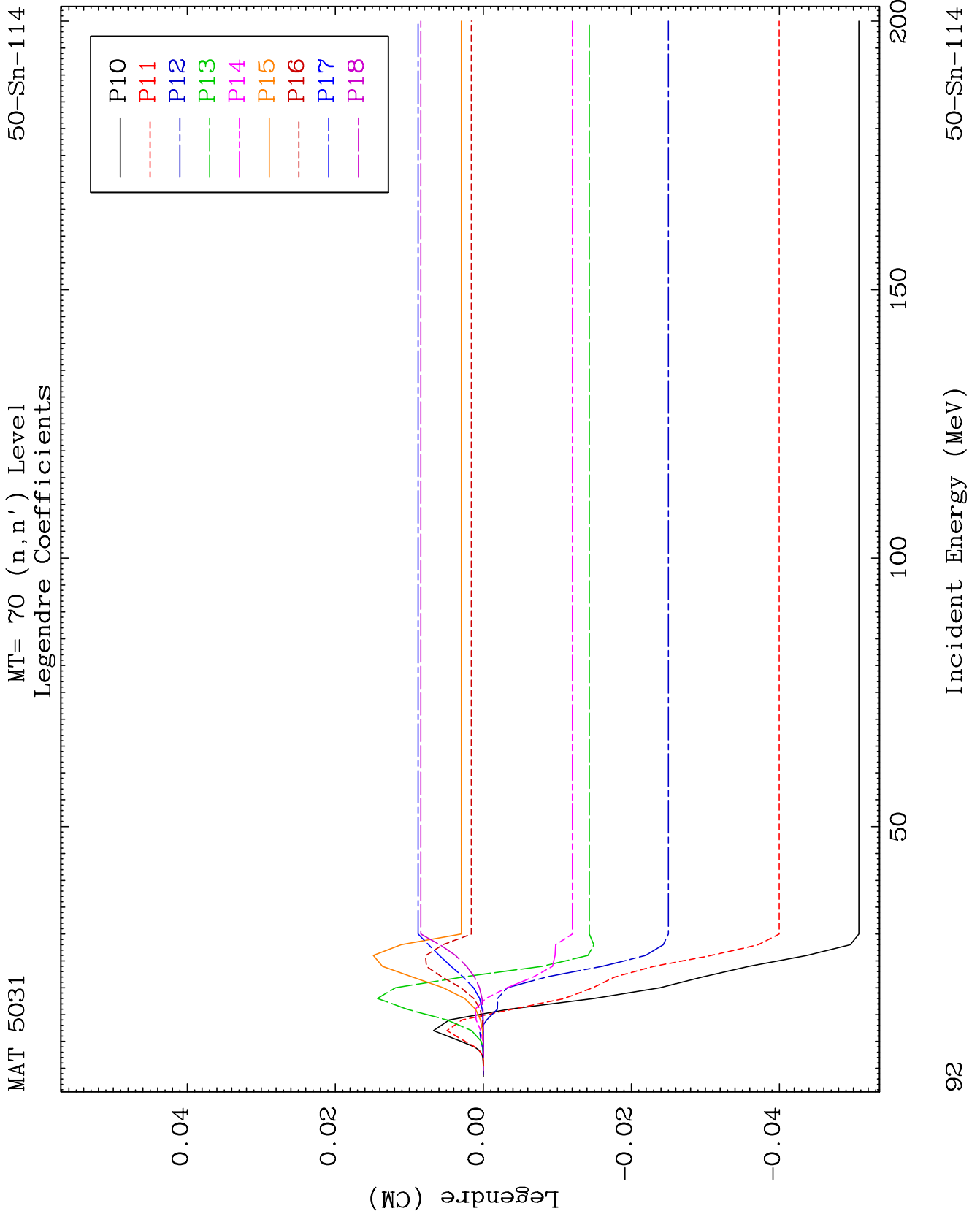
87

50-Sn-114





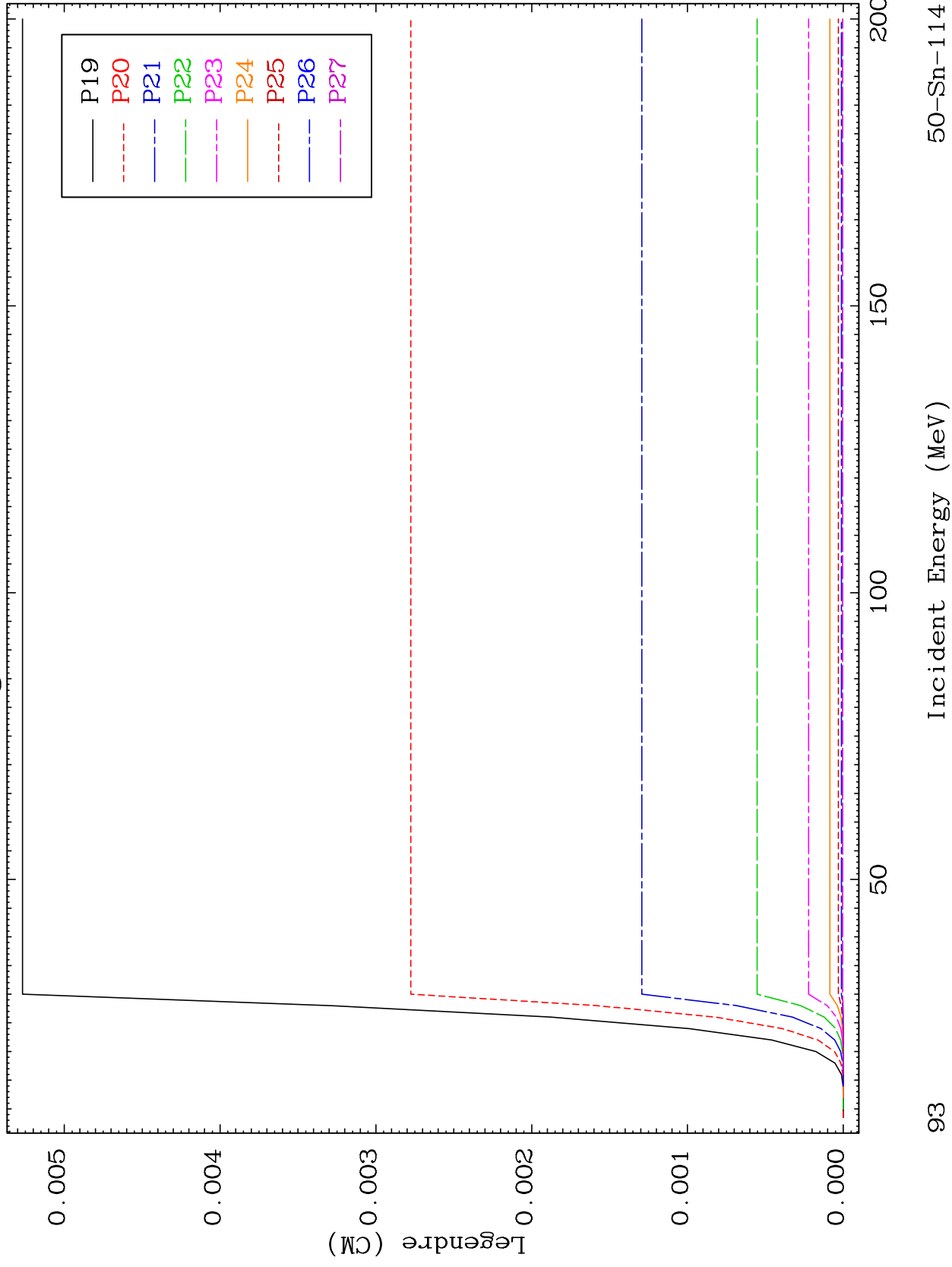




MAT 5031

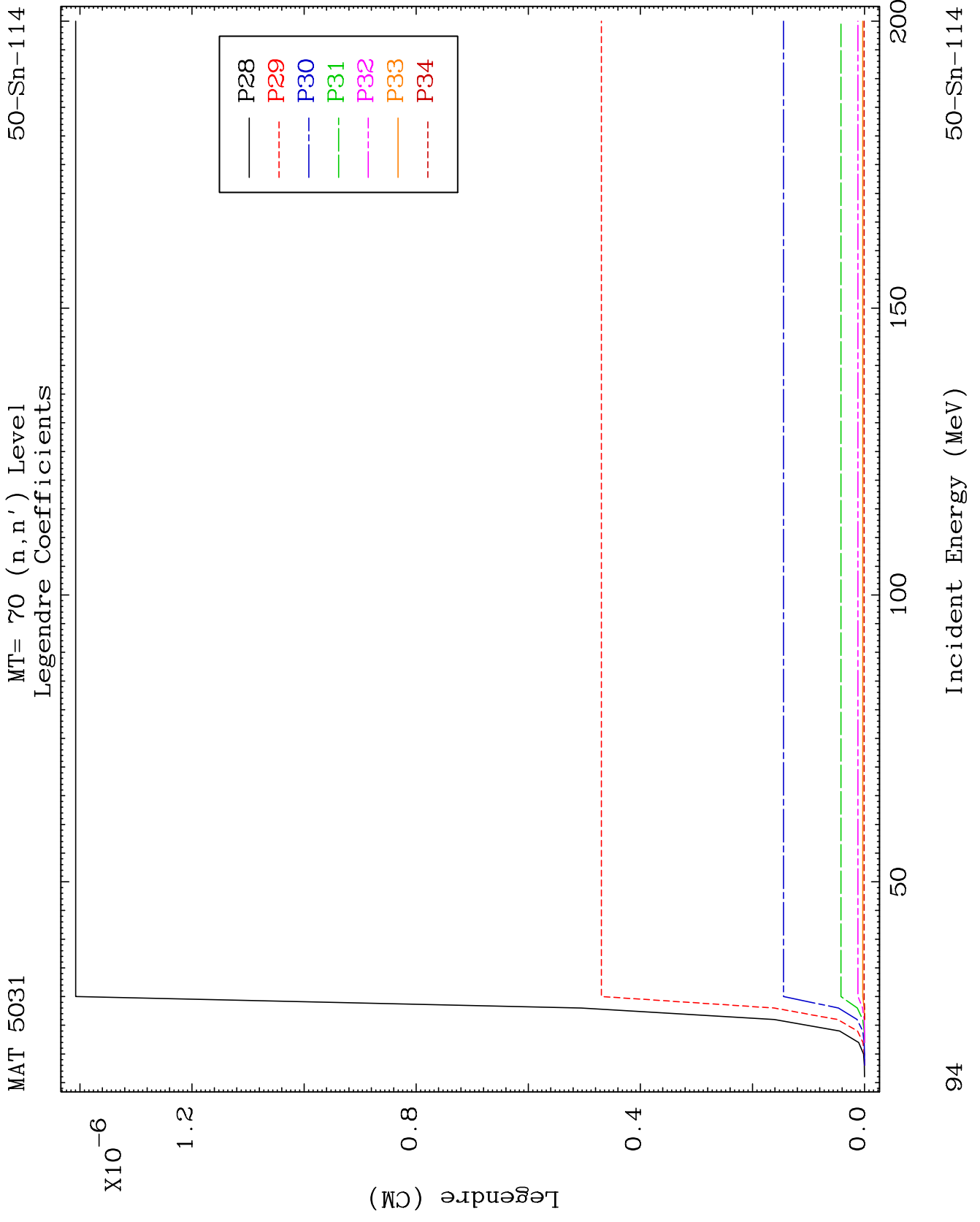
MT= 70 (n,n') Level
Legendre Coefficients

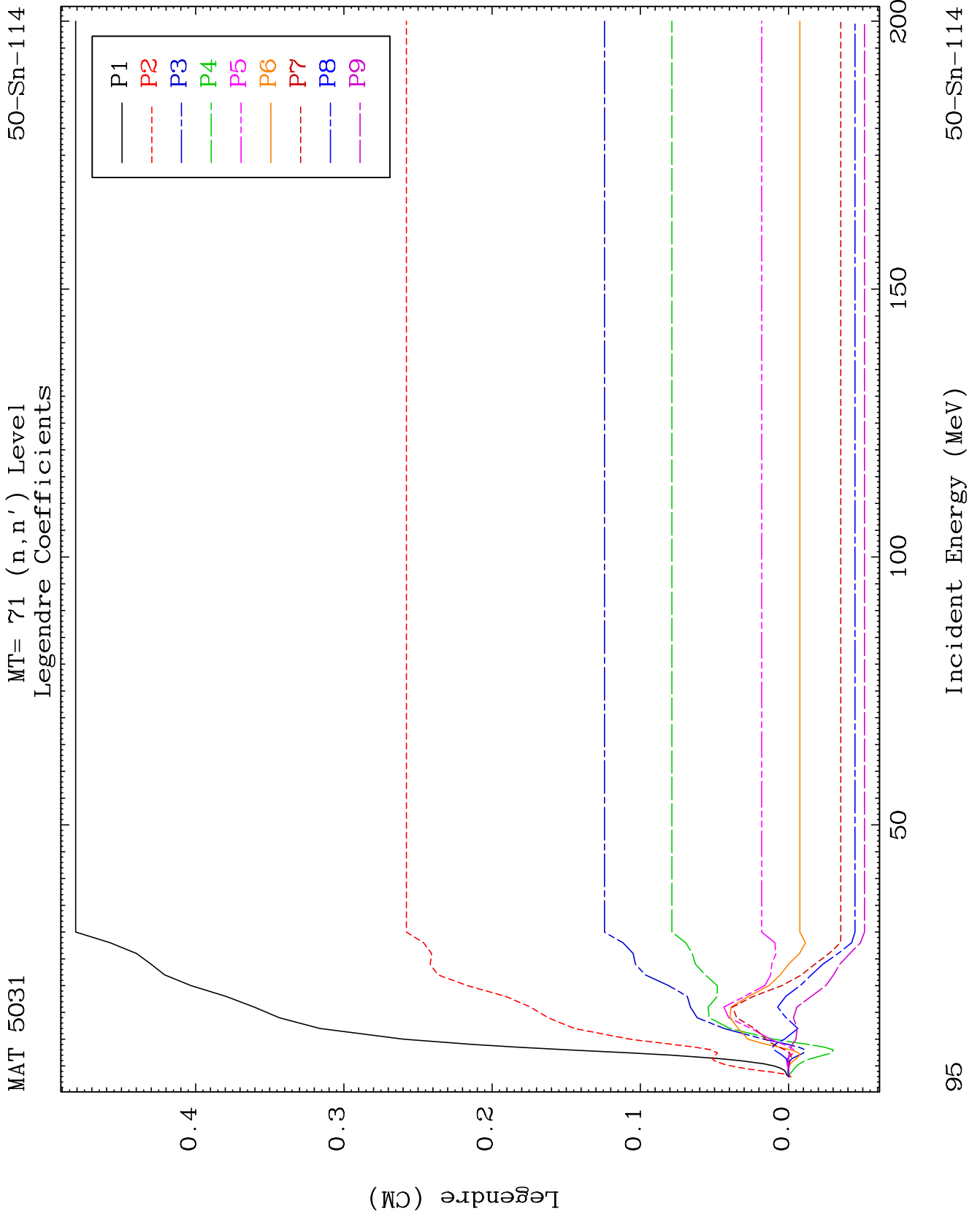
50-Sn-114



93

50-Sn-114

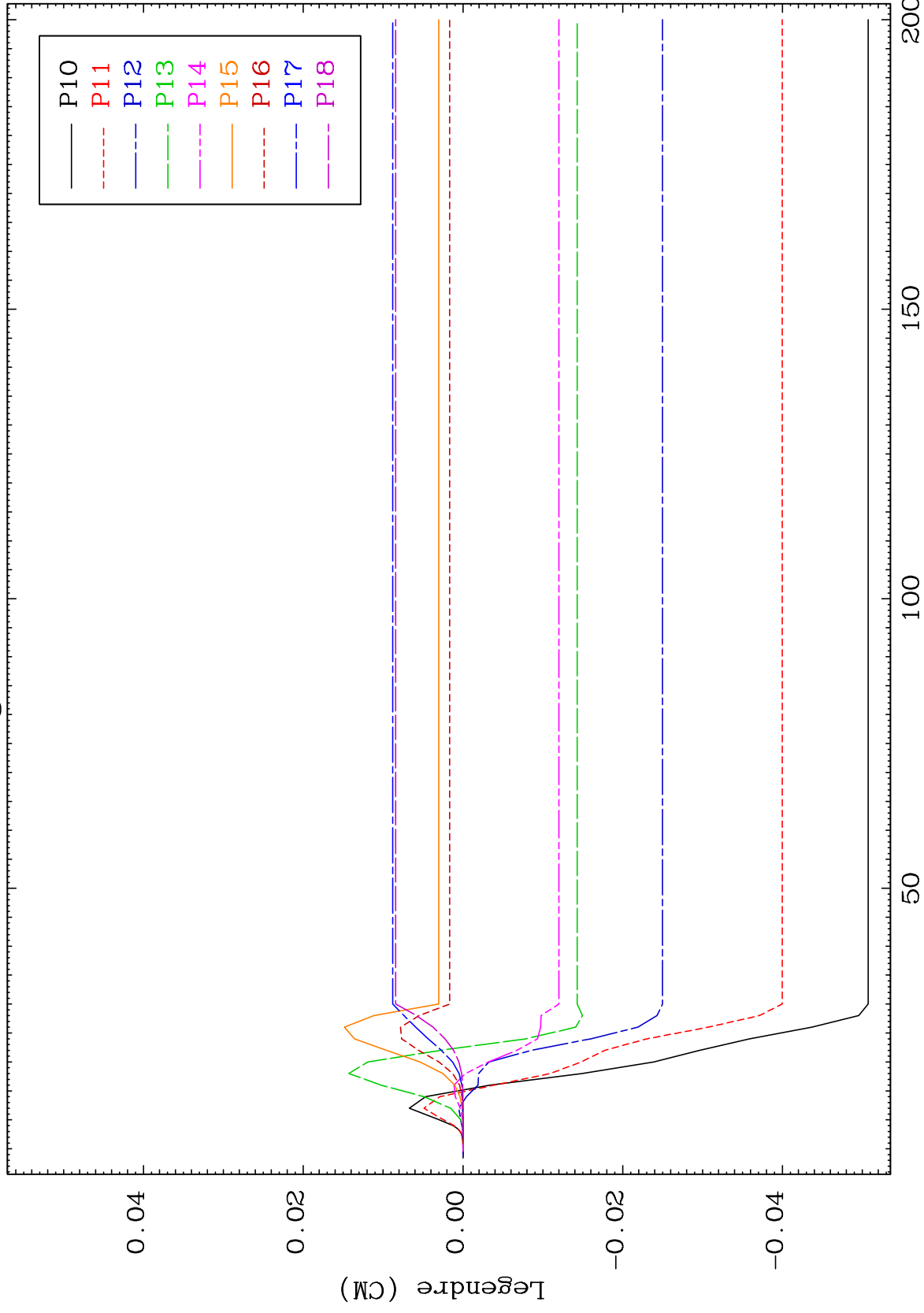




MAT 5031

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

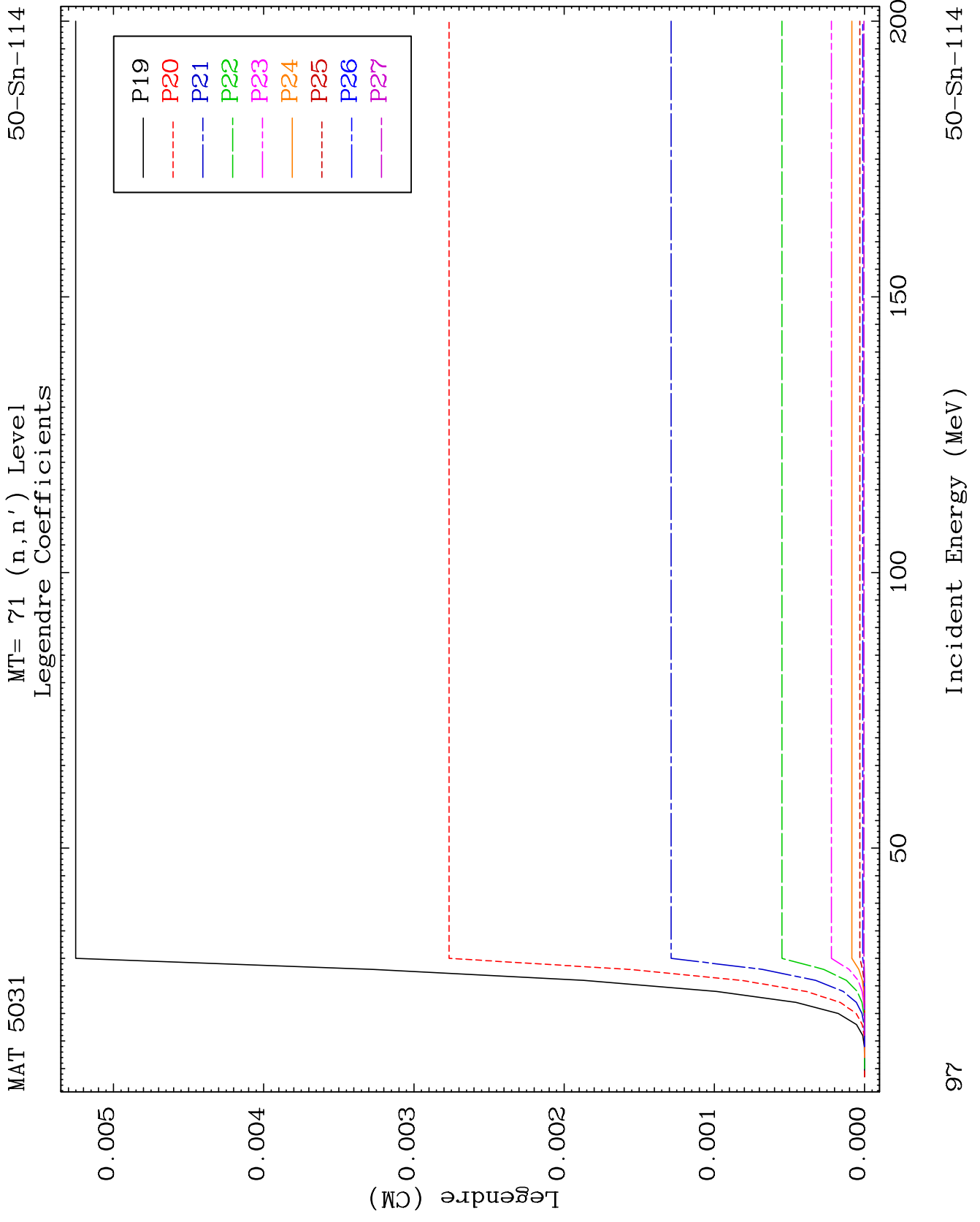
50-Sn-114

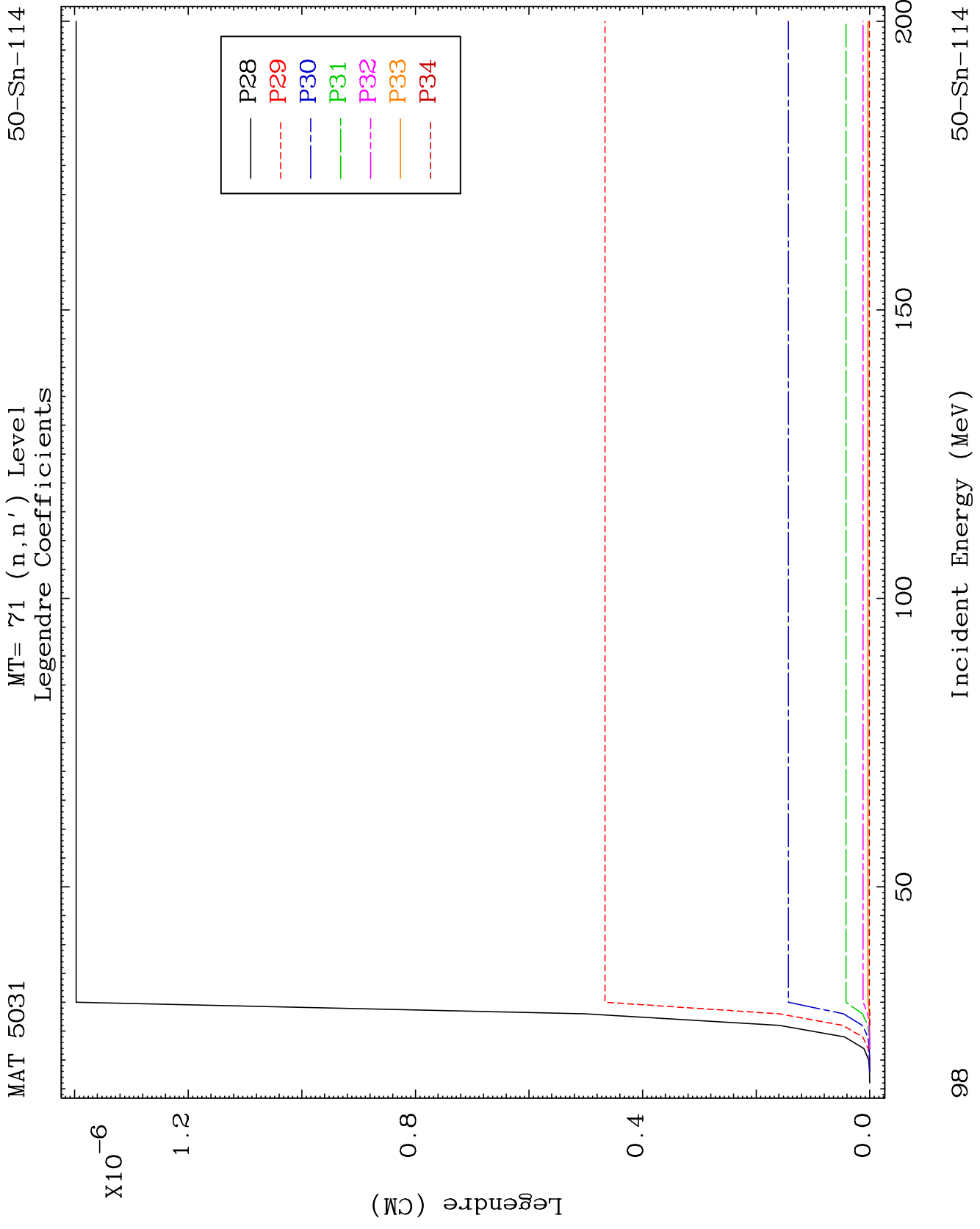


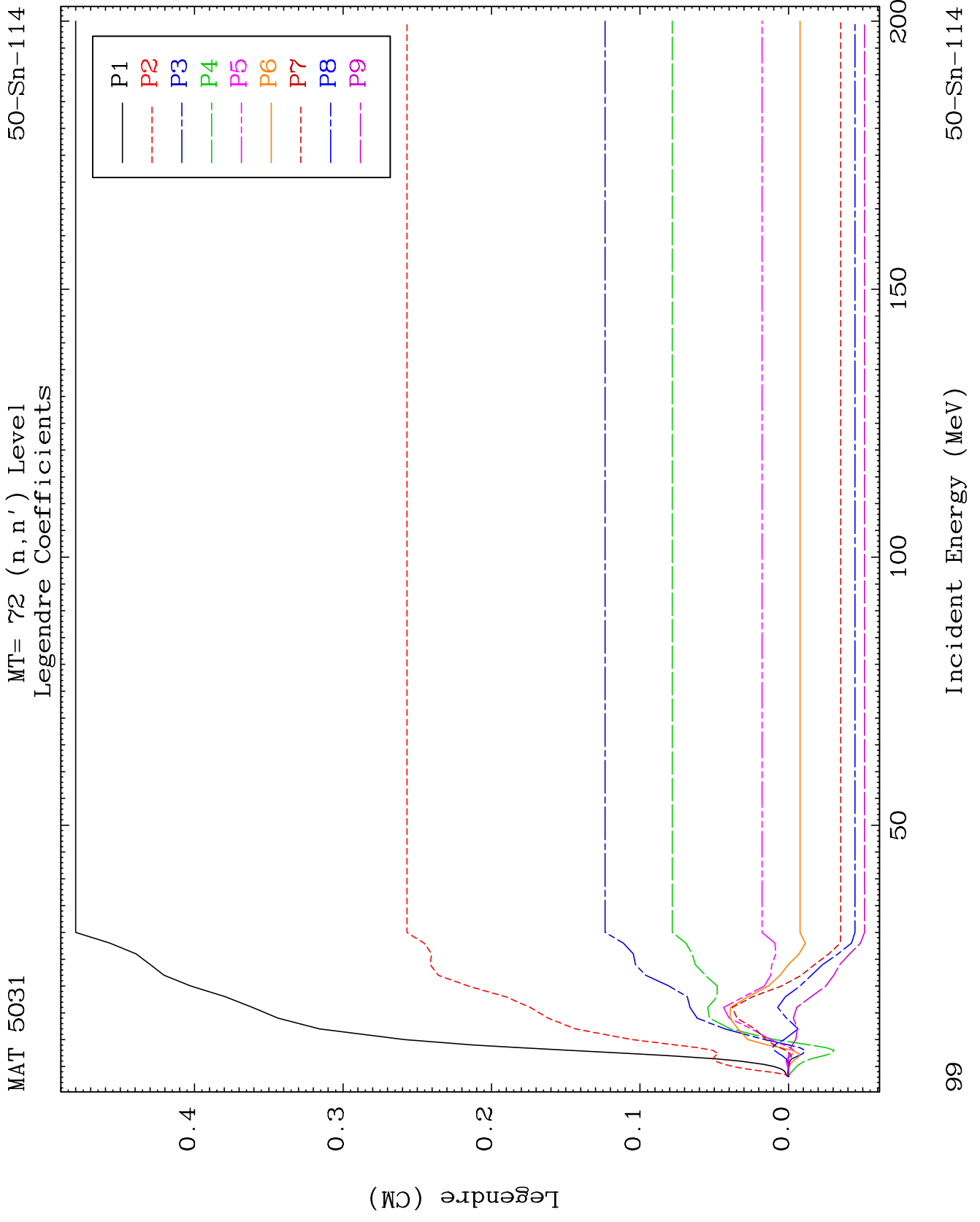
96

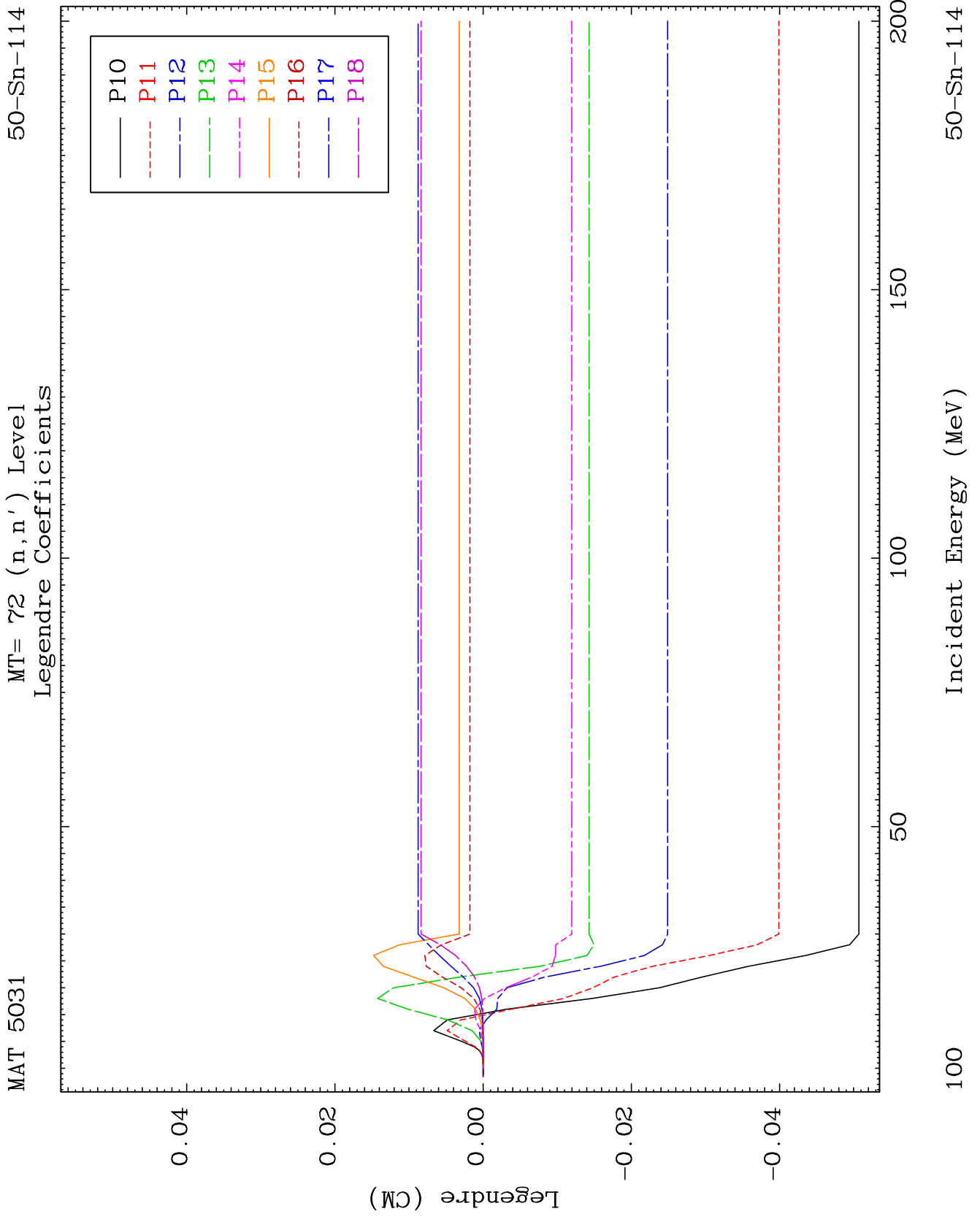
Incident Energy (MeV)

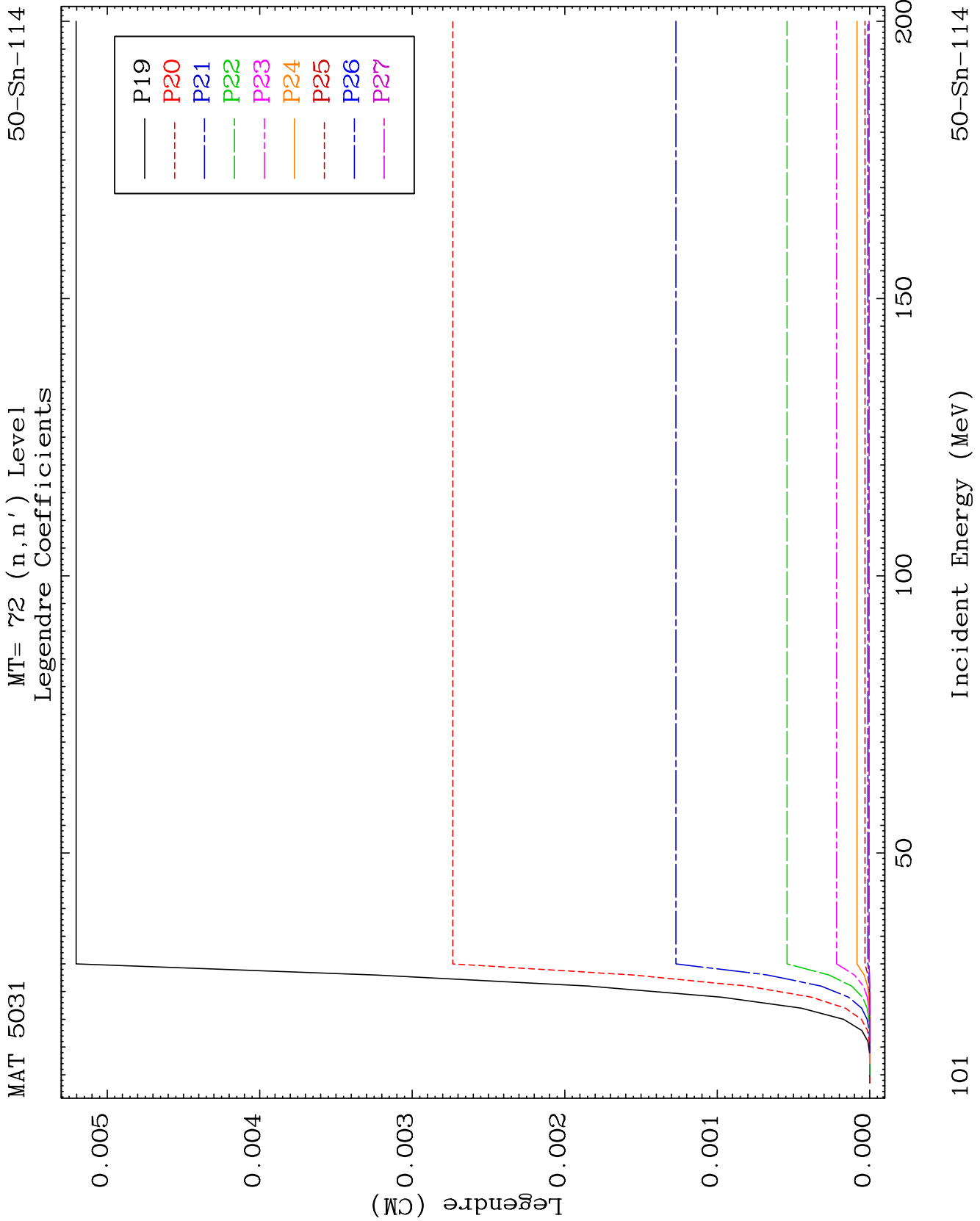
50-Sn-114

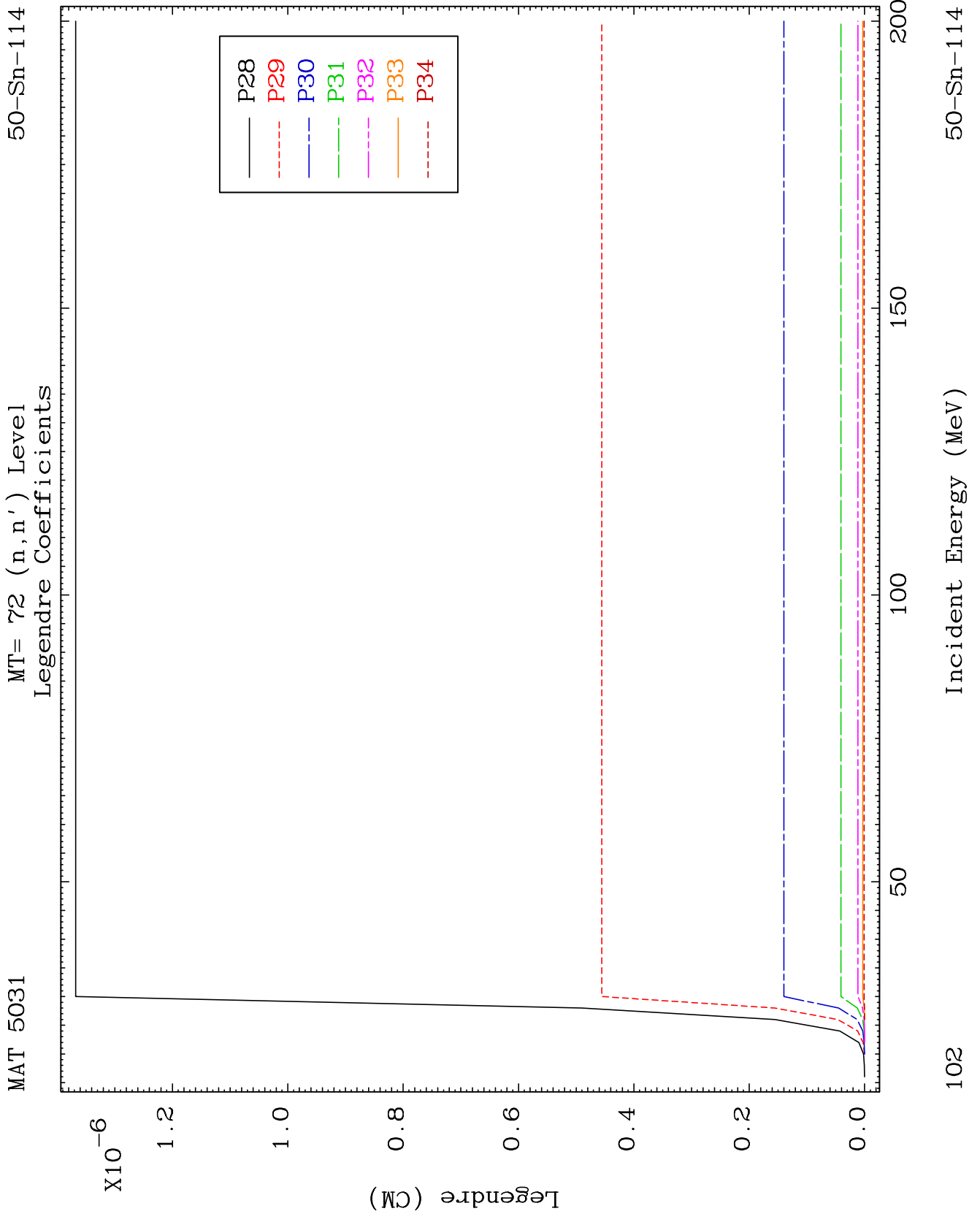


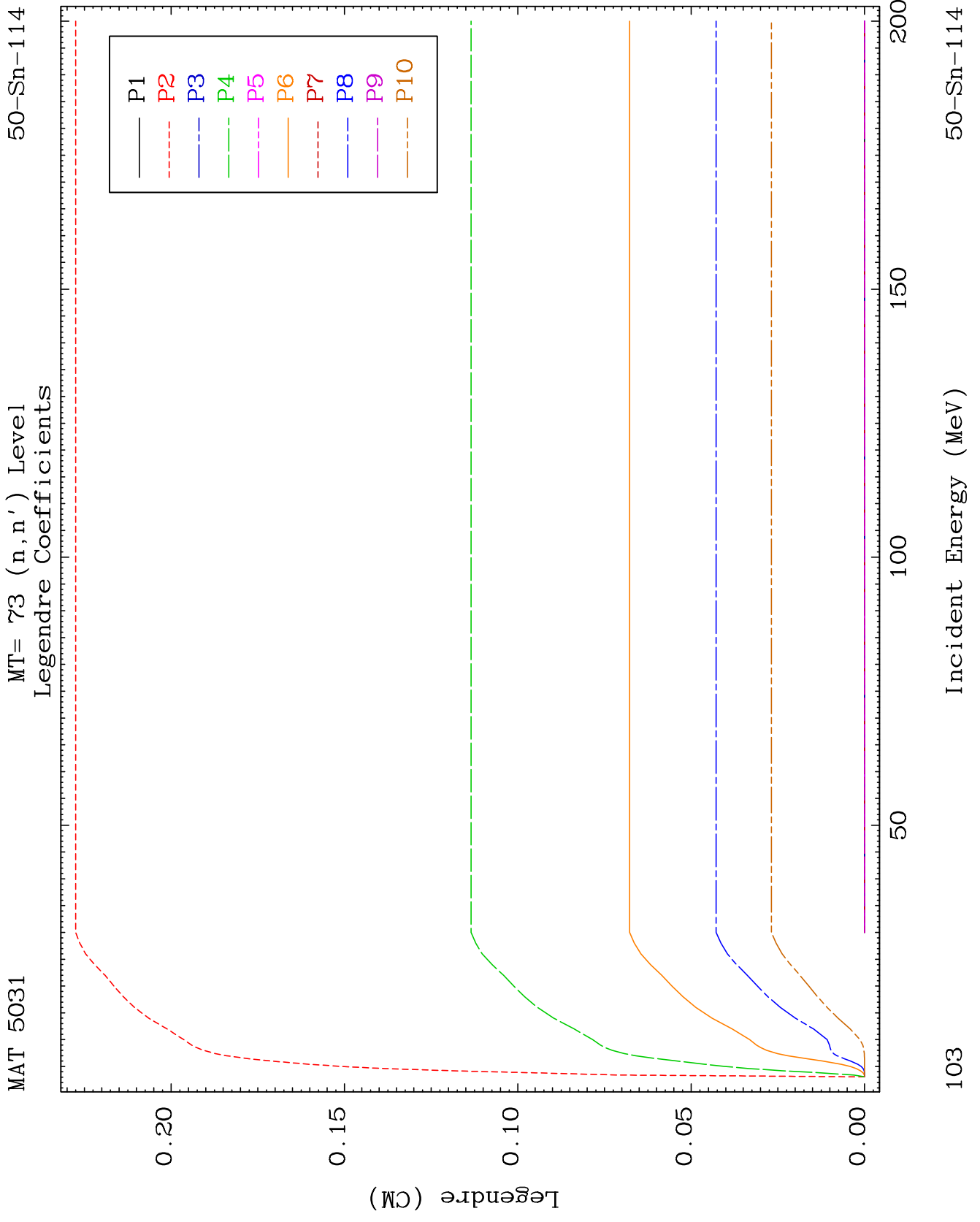


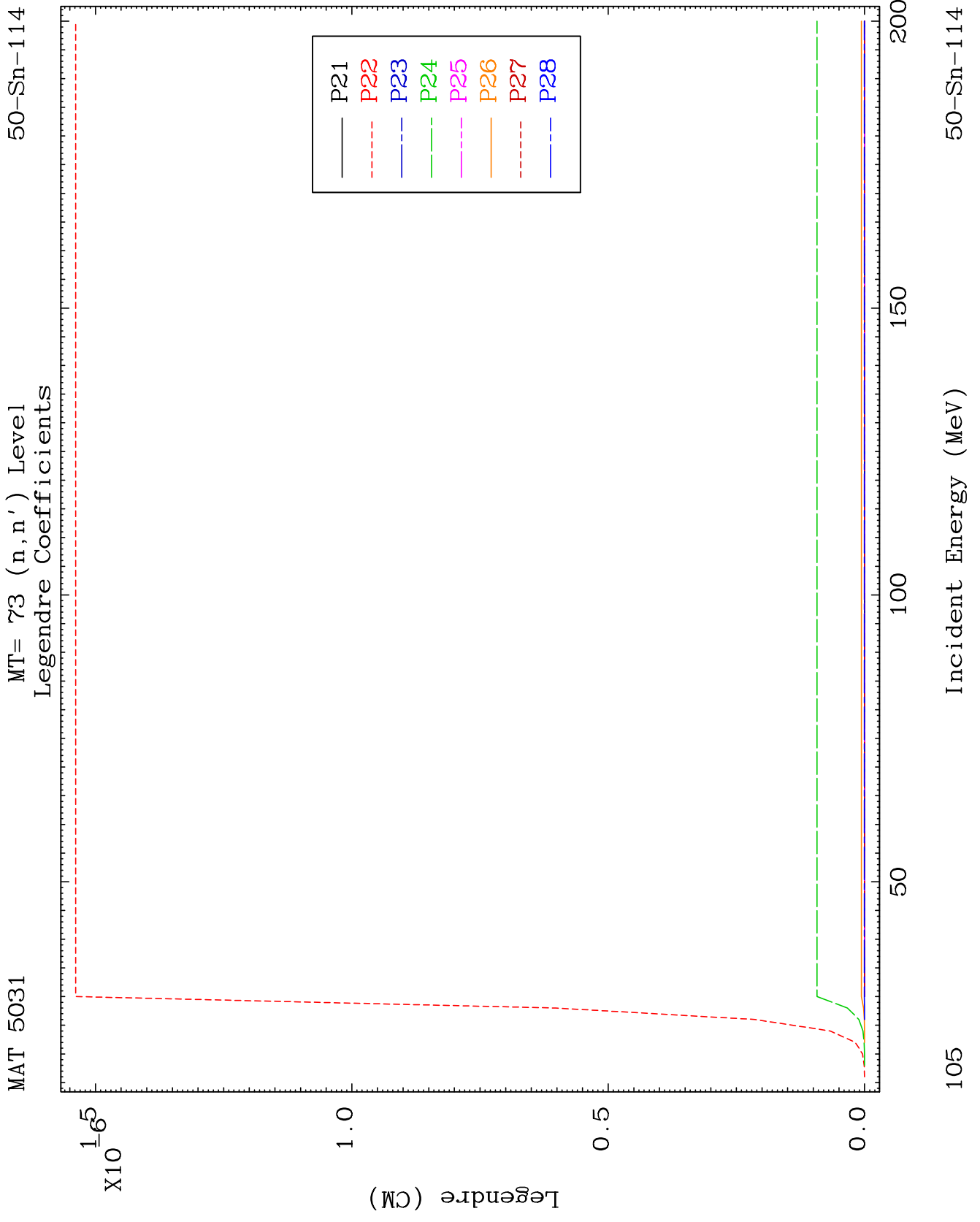


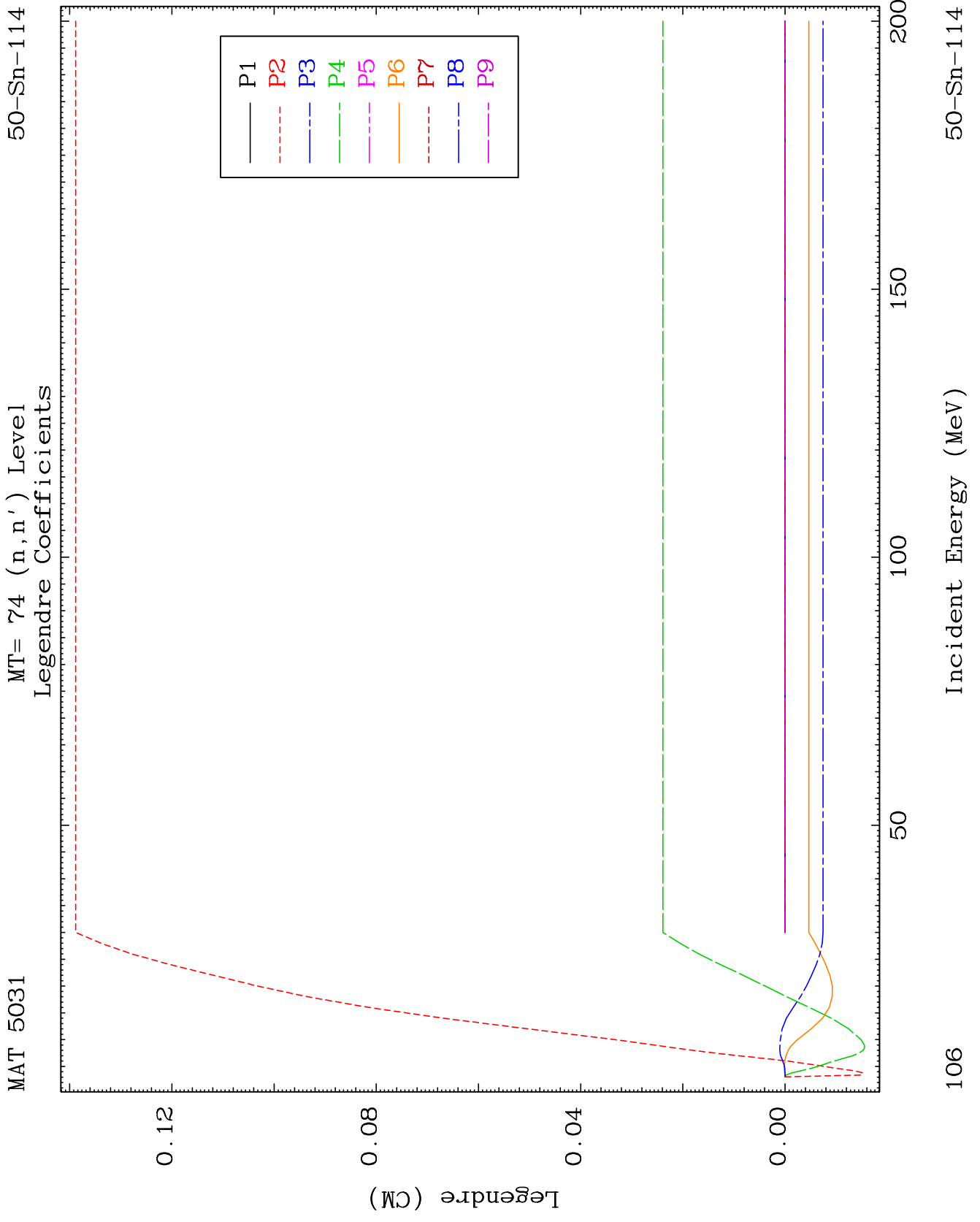


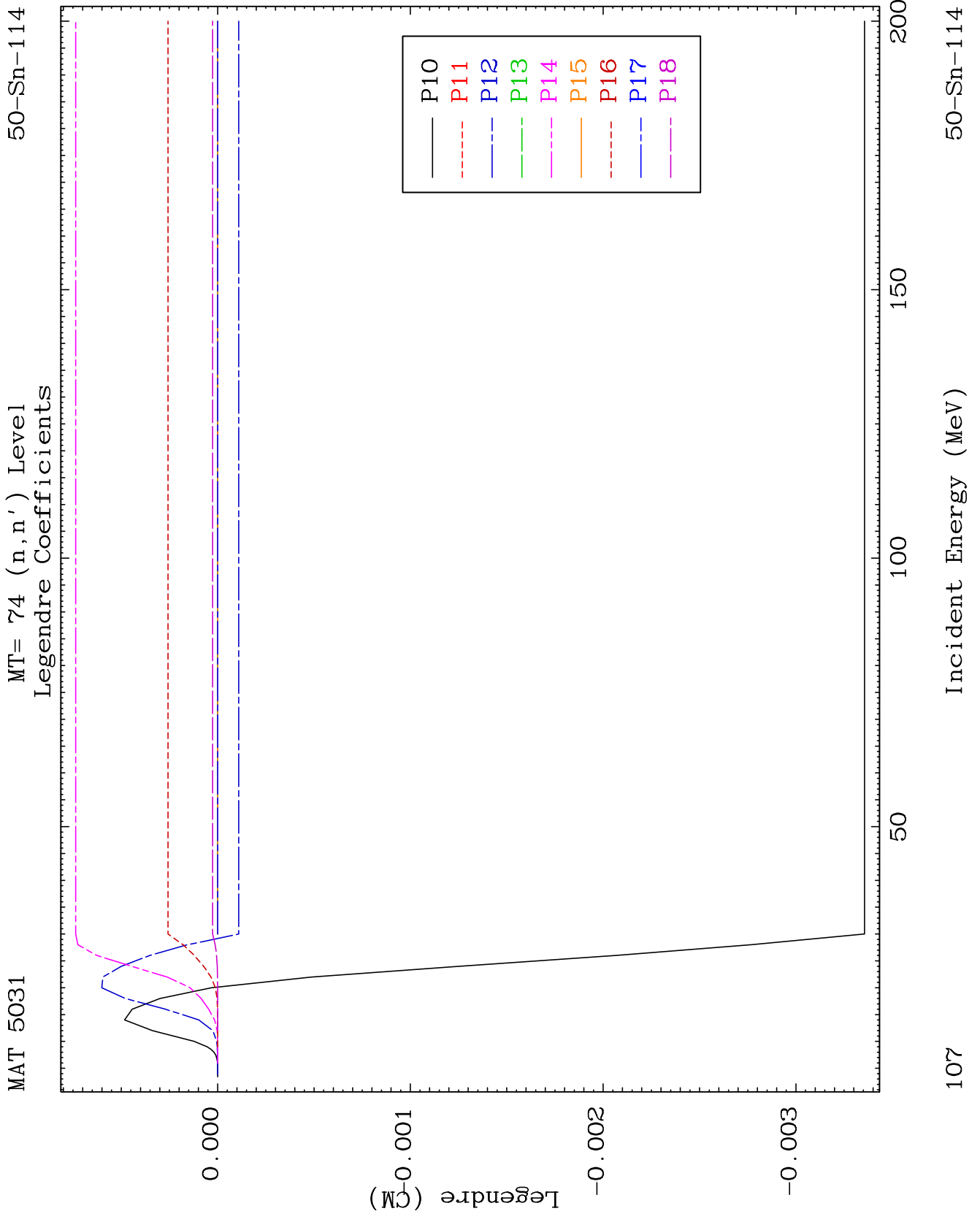


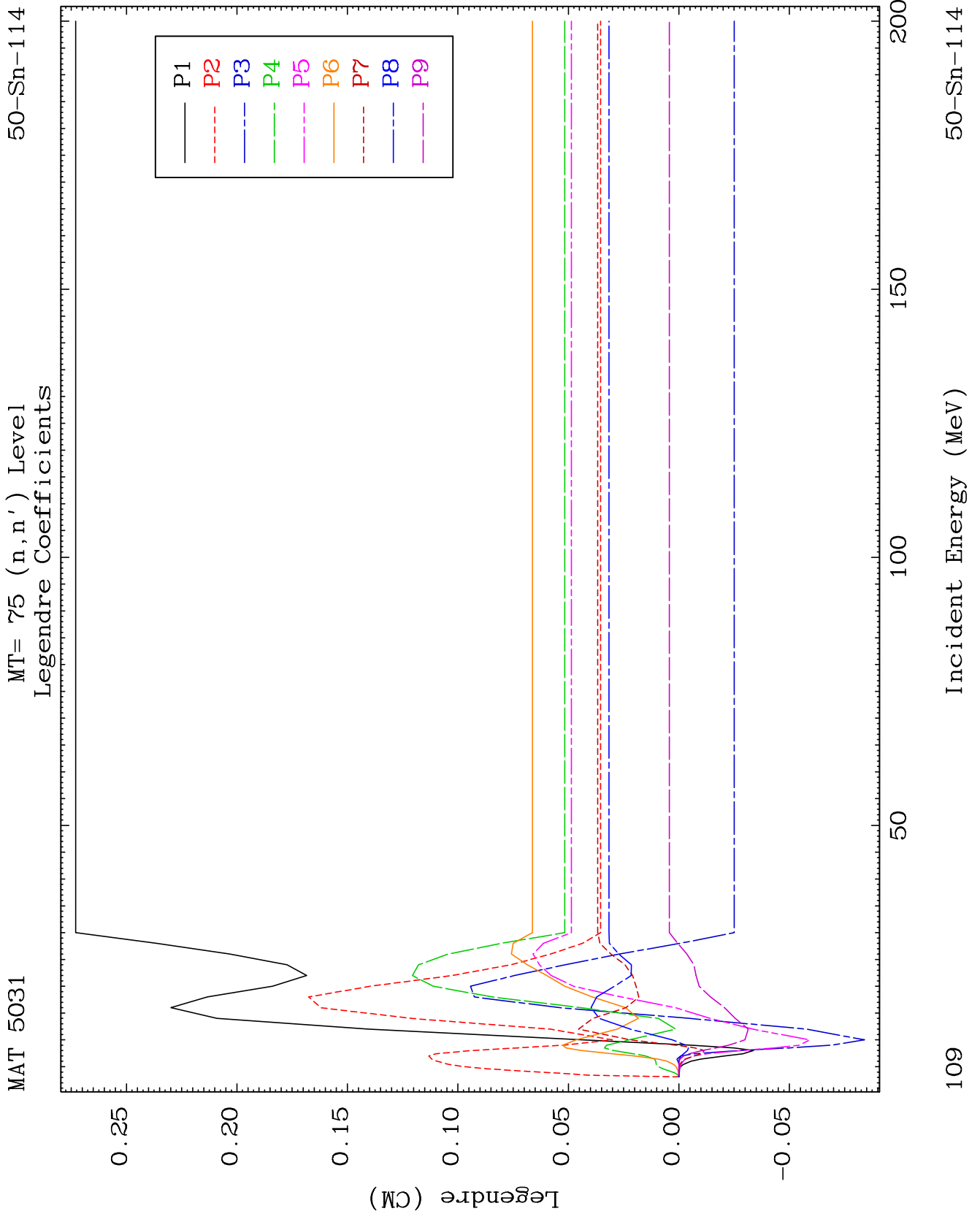


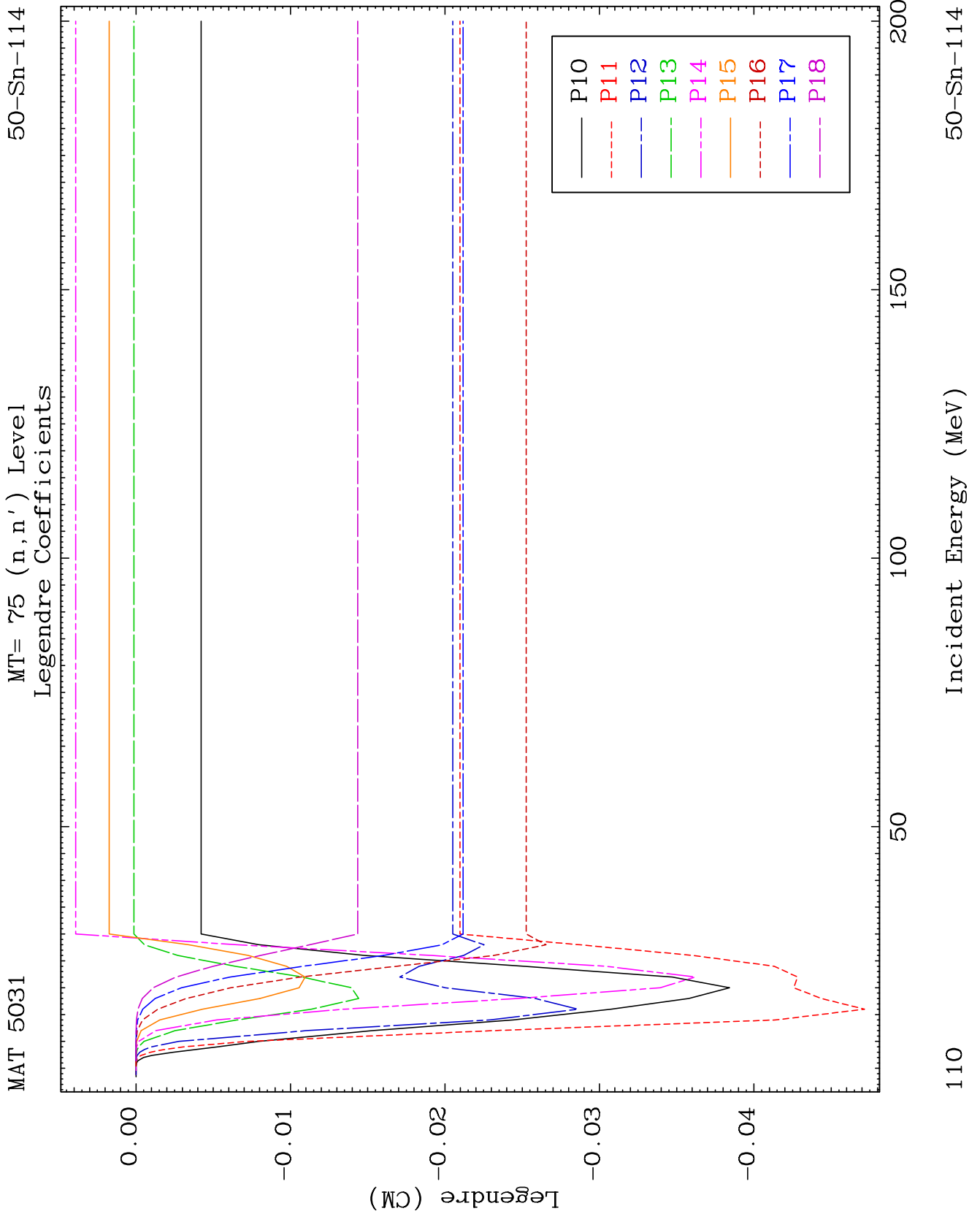


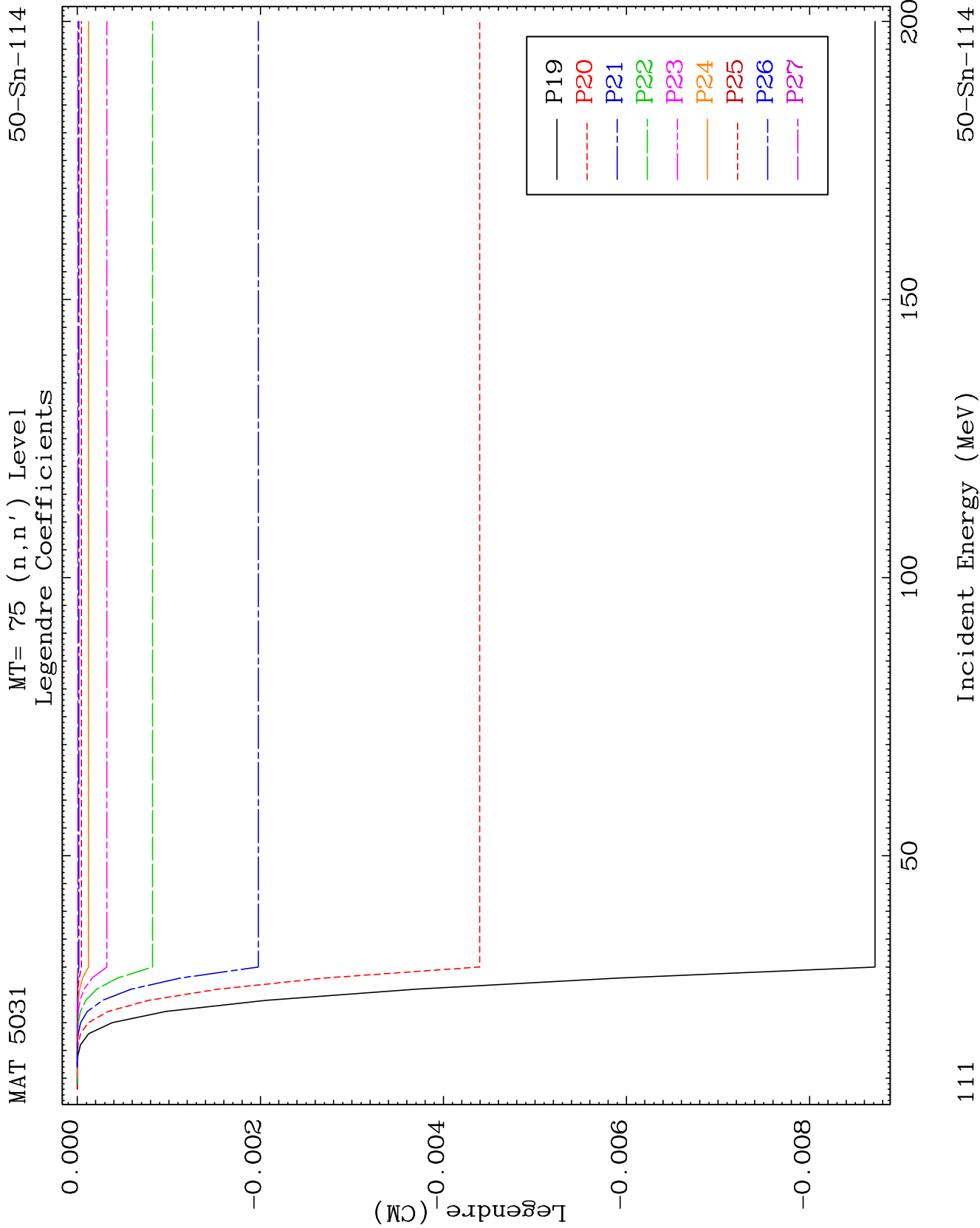


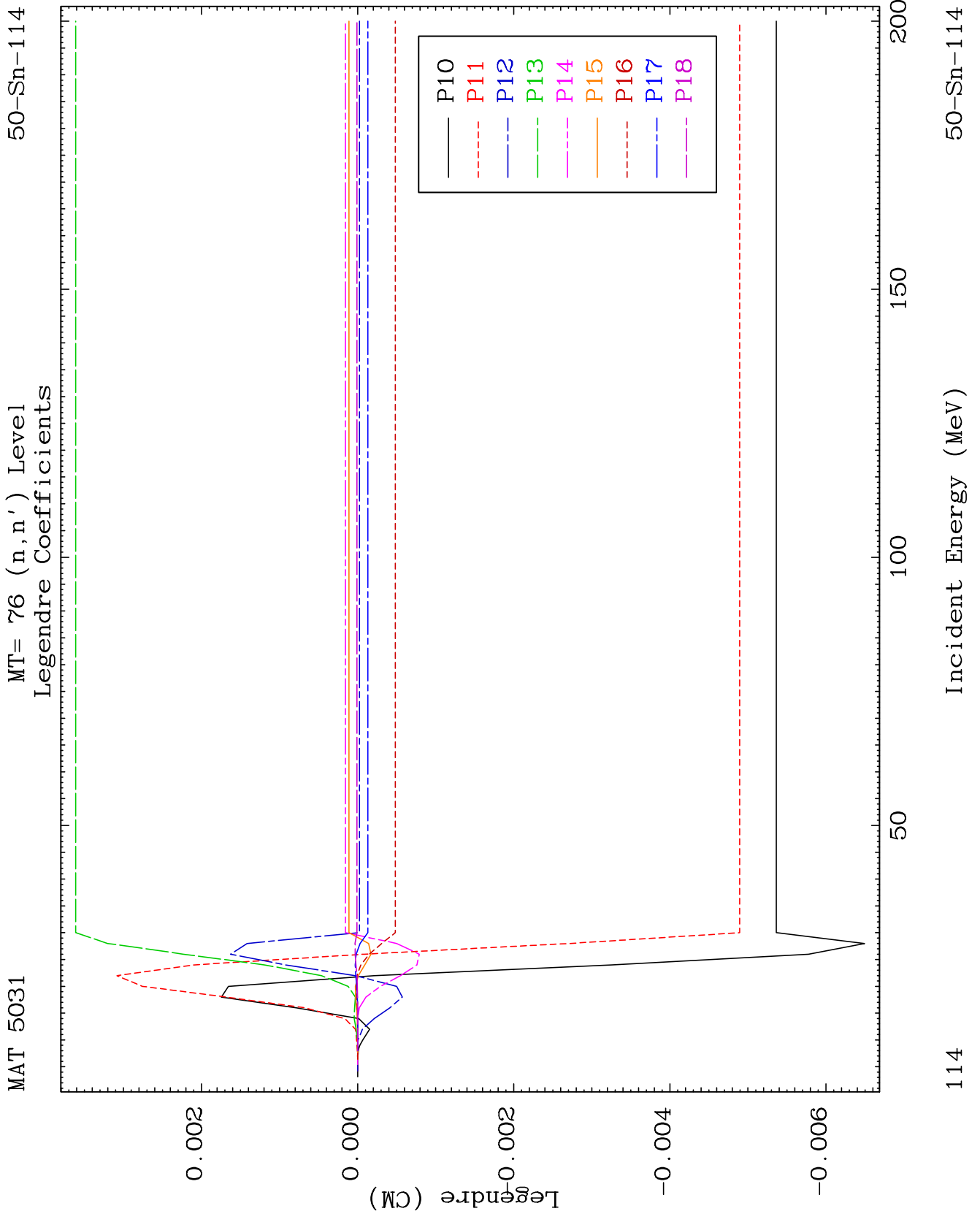








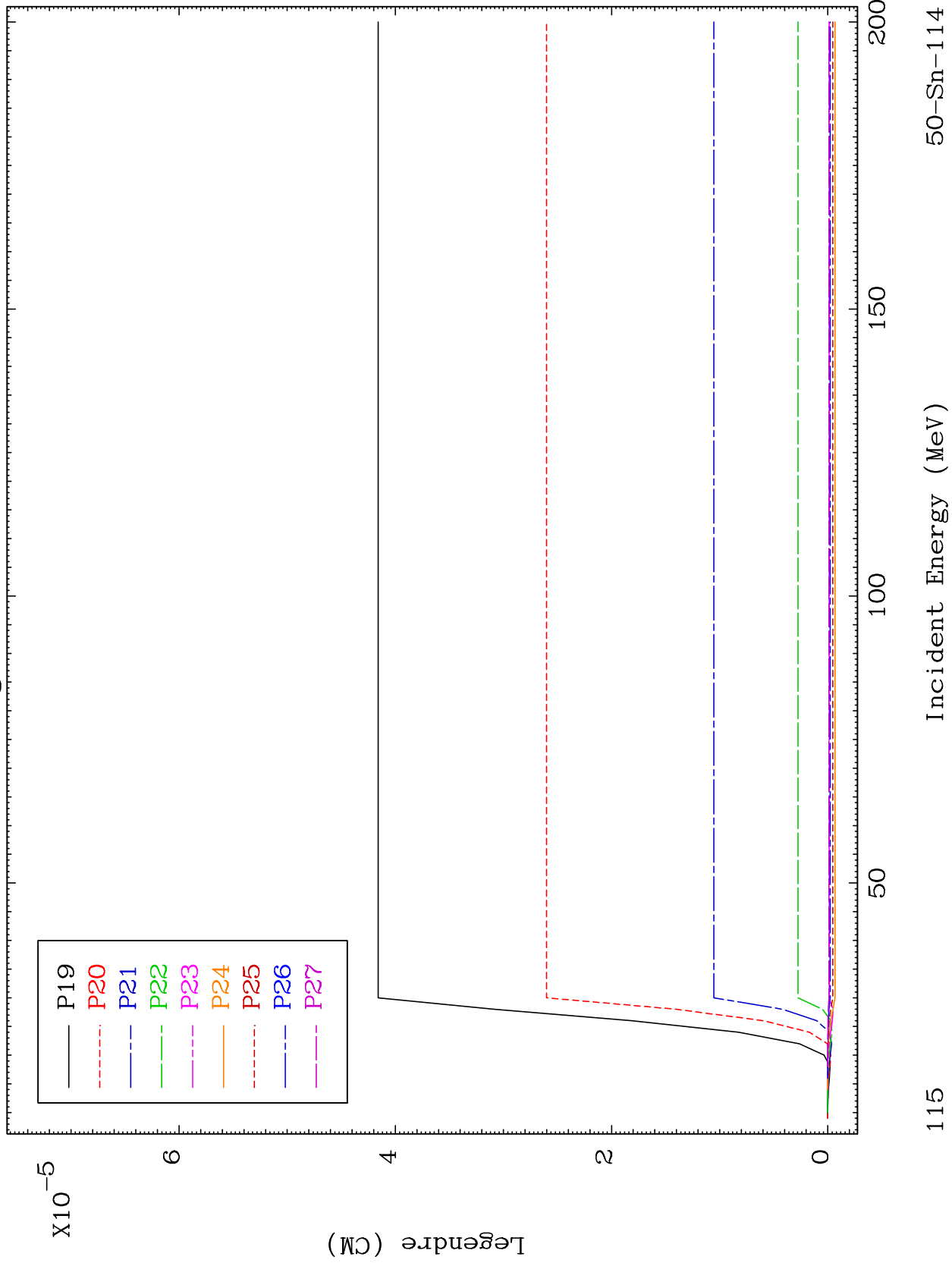


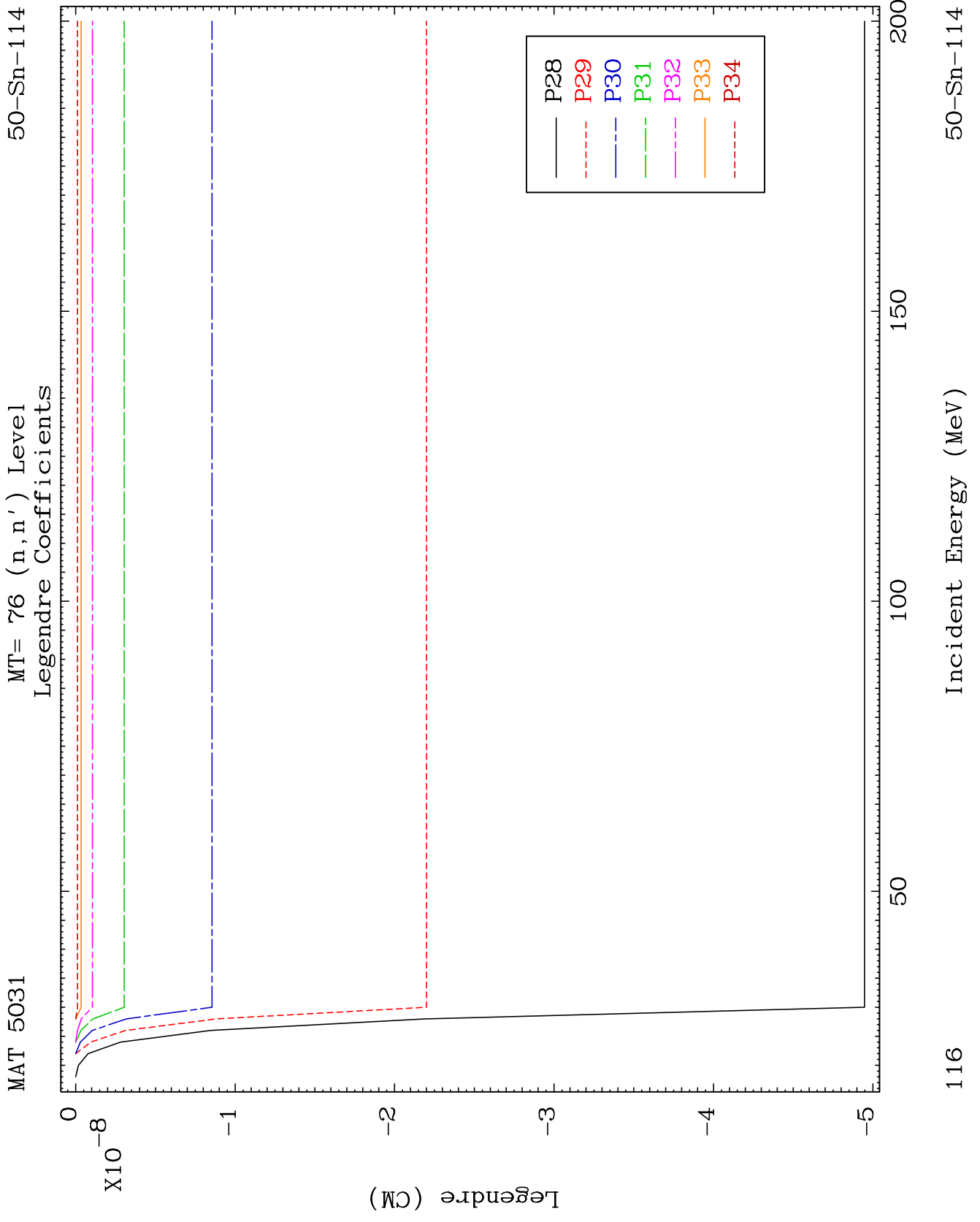


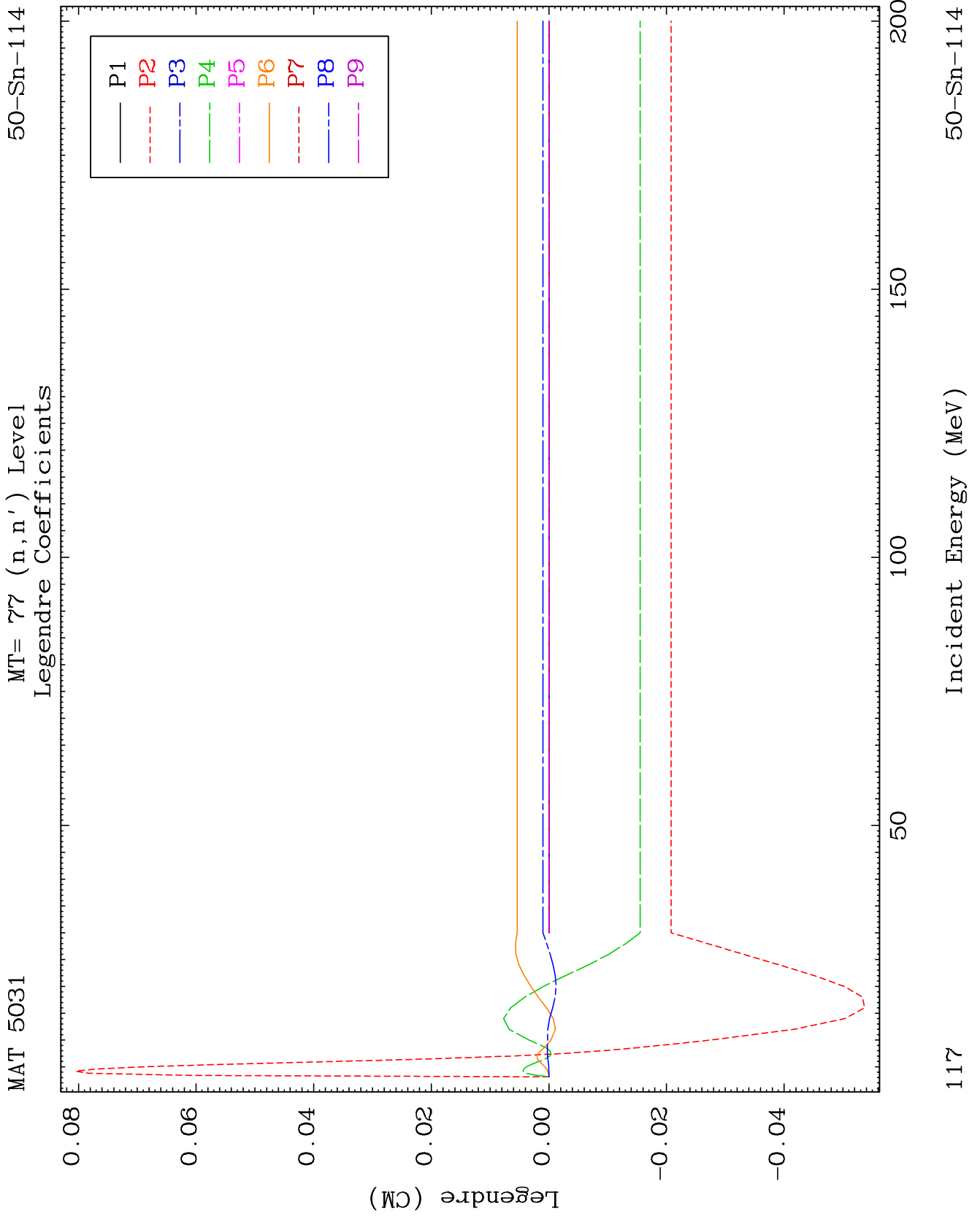
MAT 5031

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

50-Sn-114



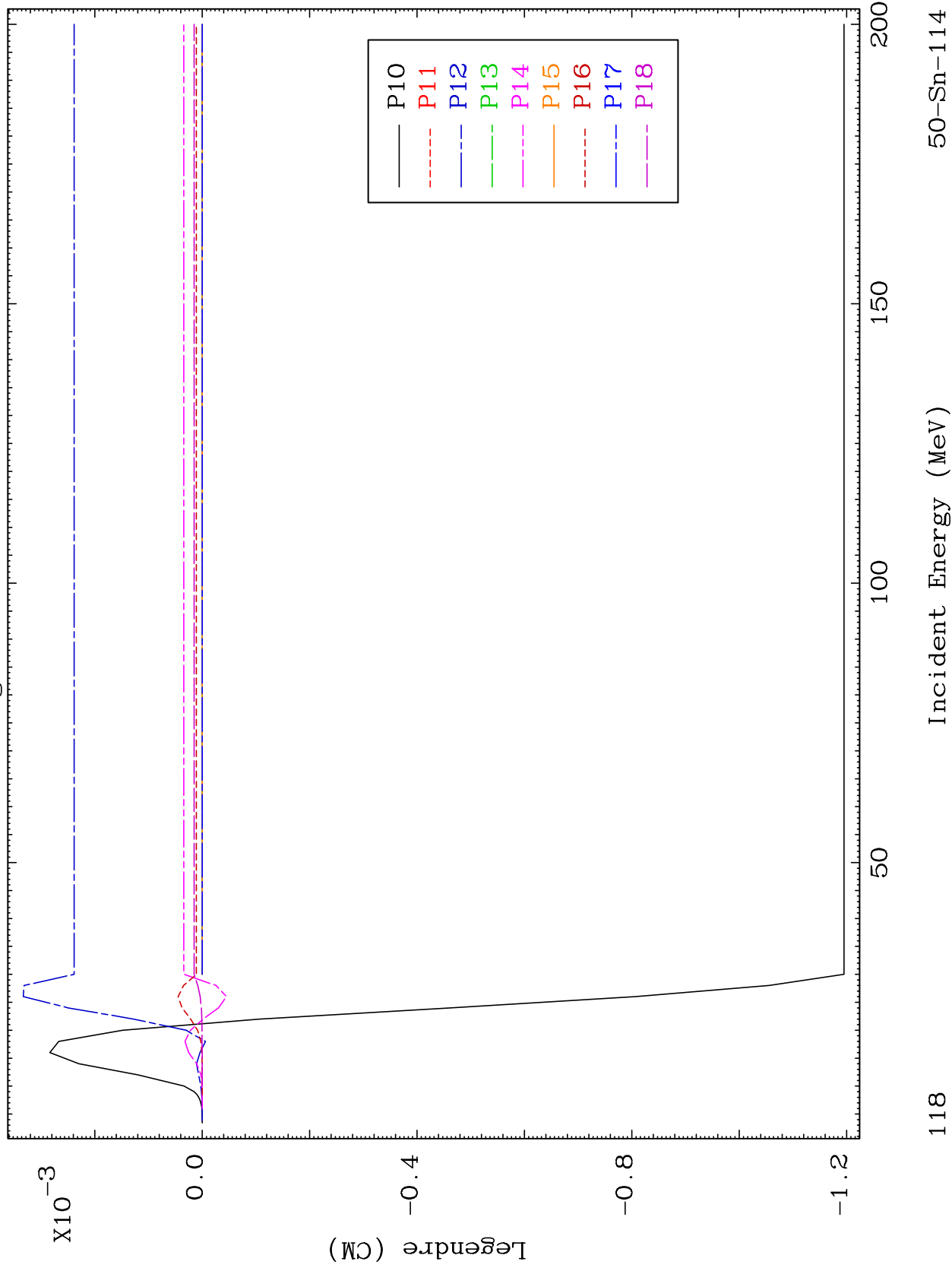




MAT 5031

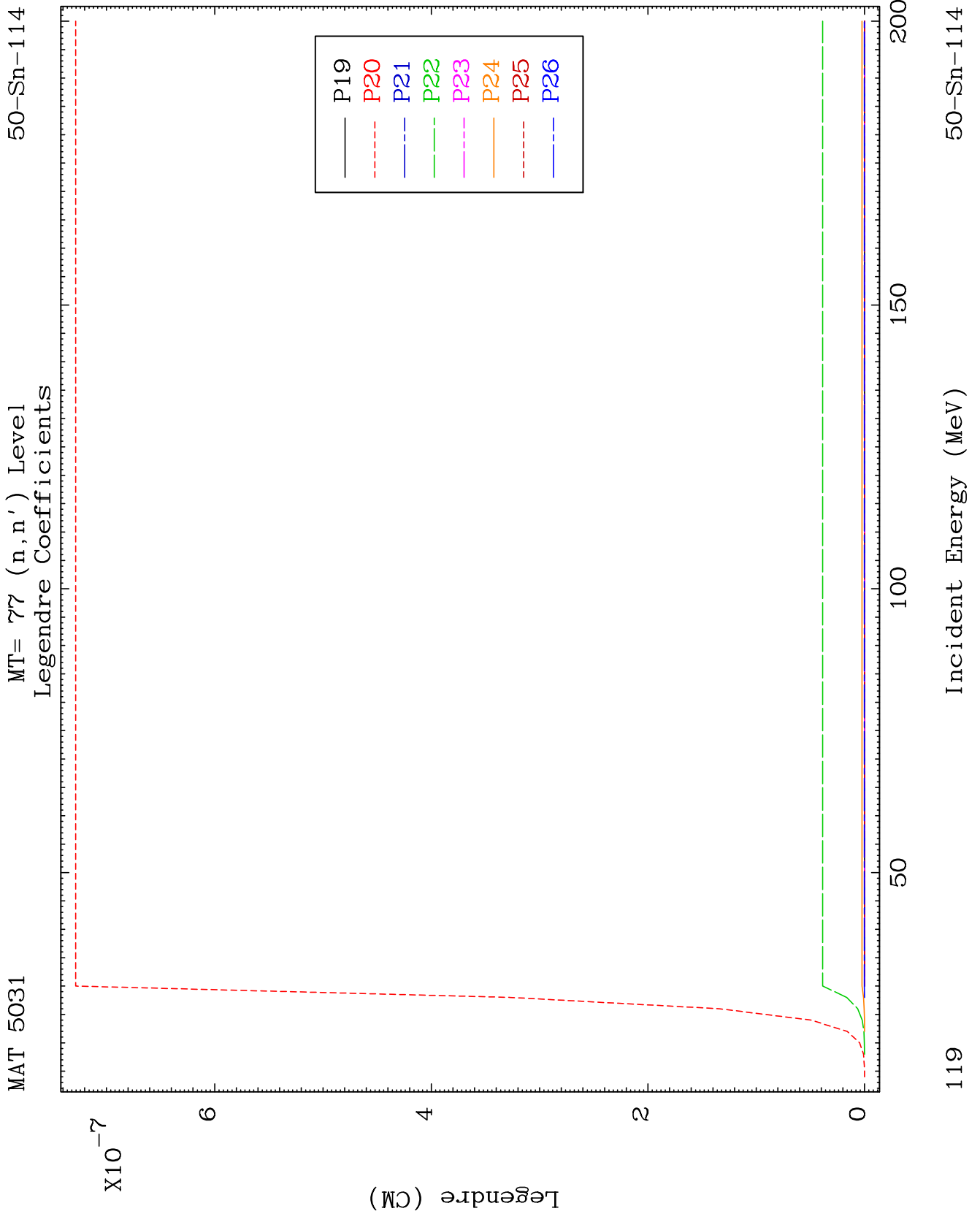
50-Sn-114

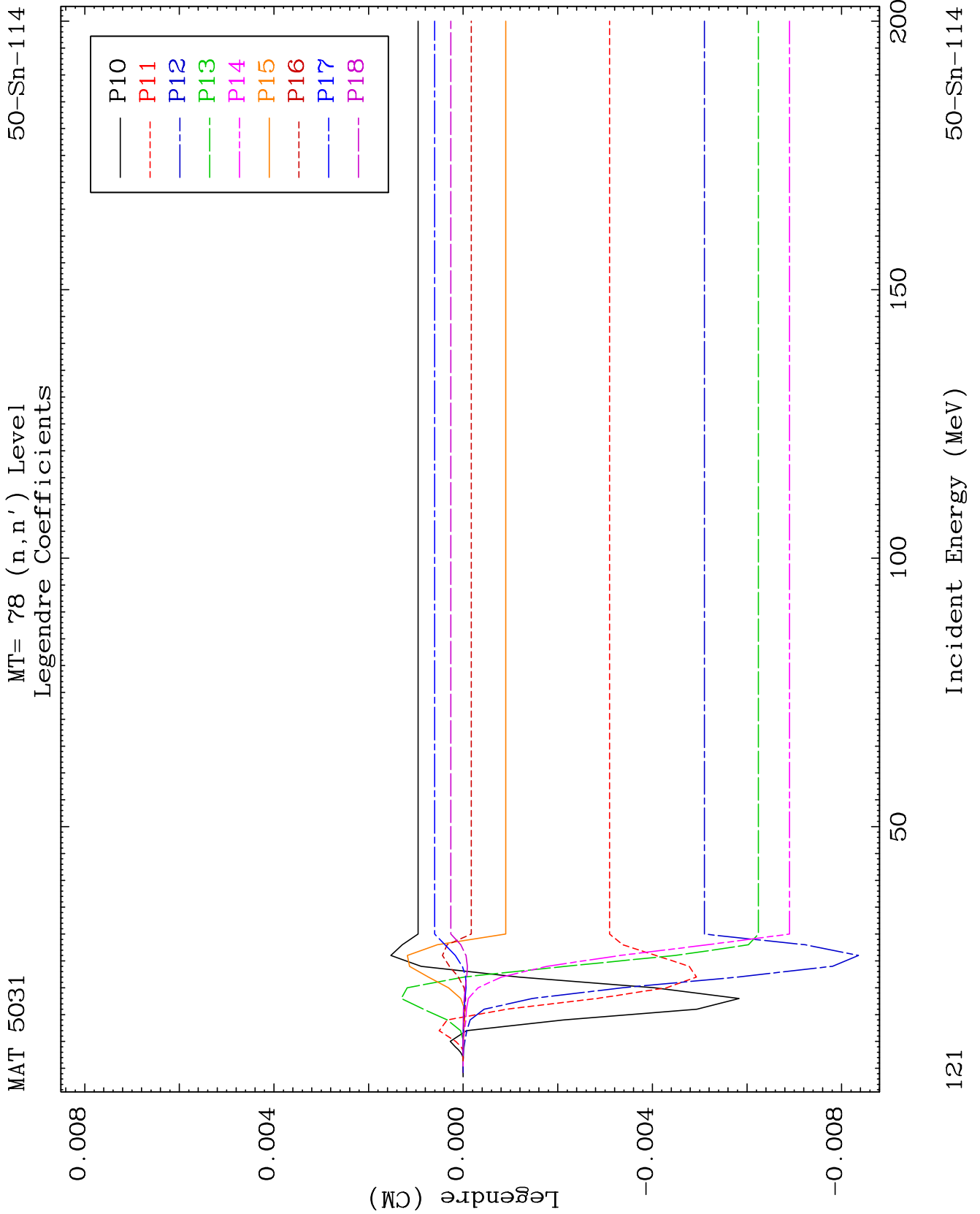
MT= 77 (n,n') Level
Legendre Coefficients



118

50-Sn-114

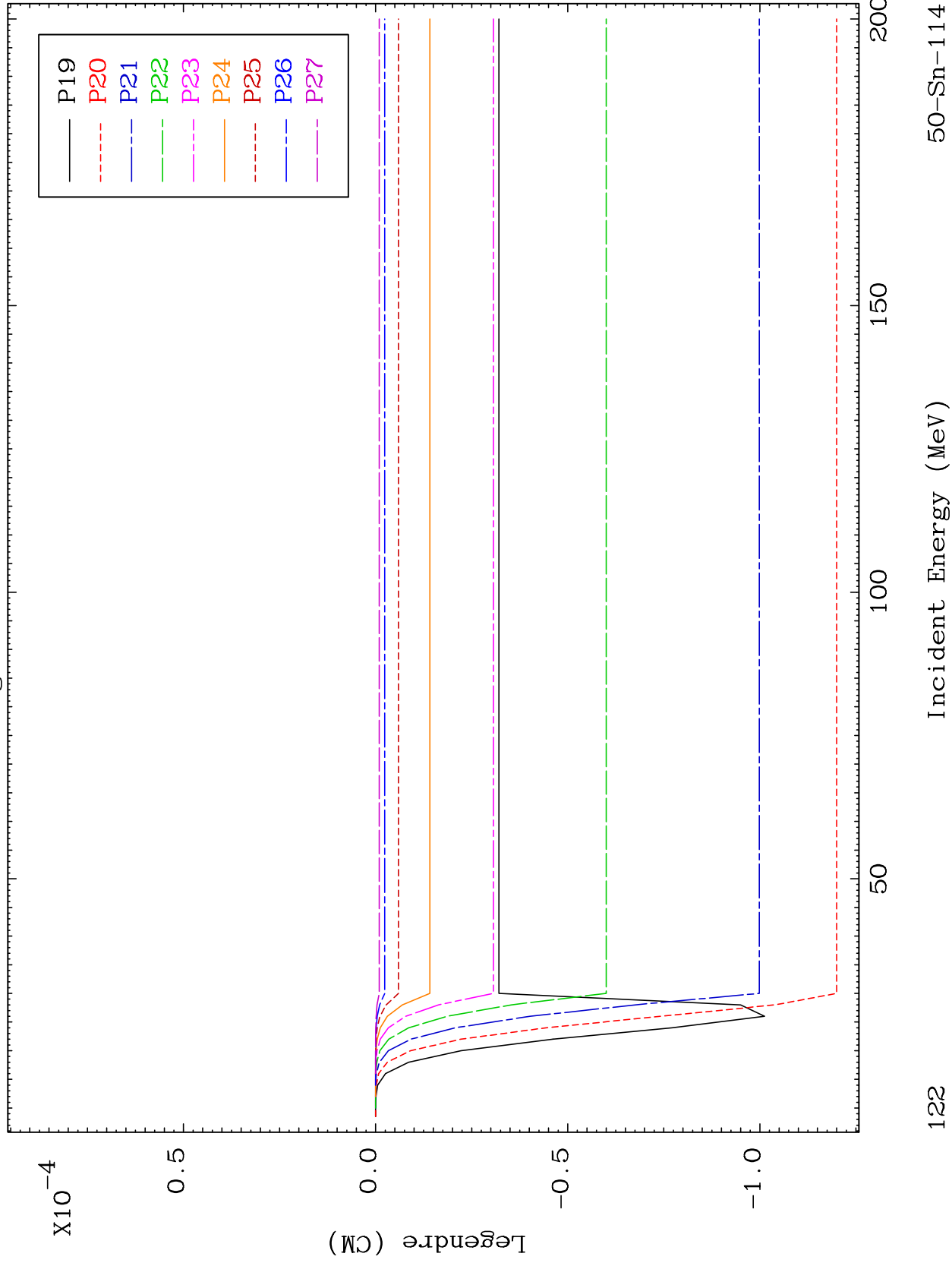




MAT 5031

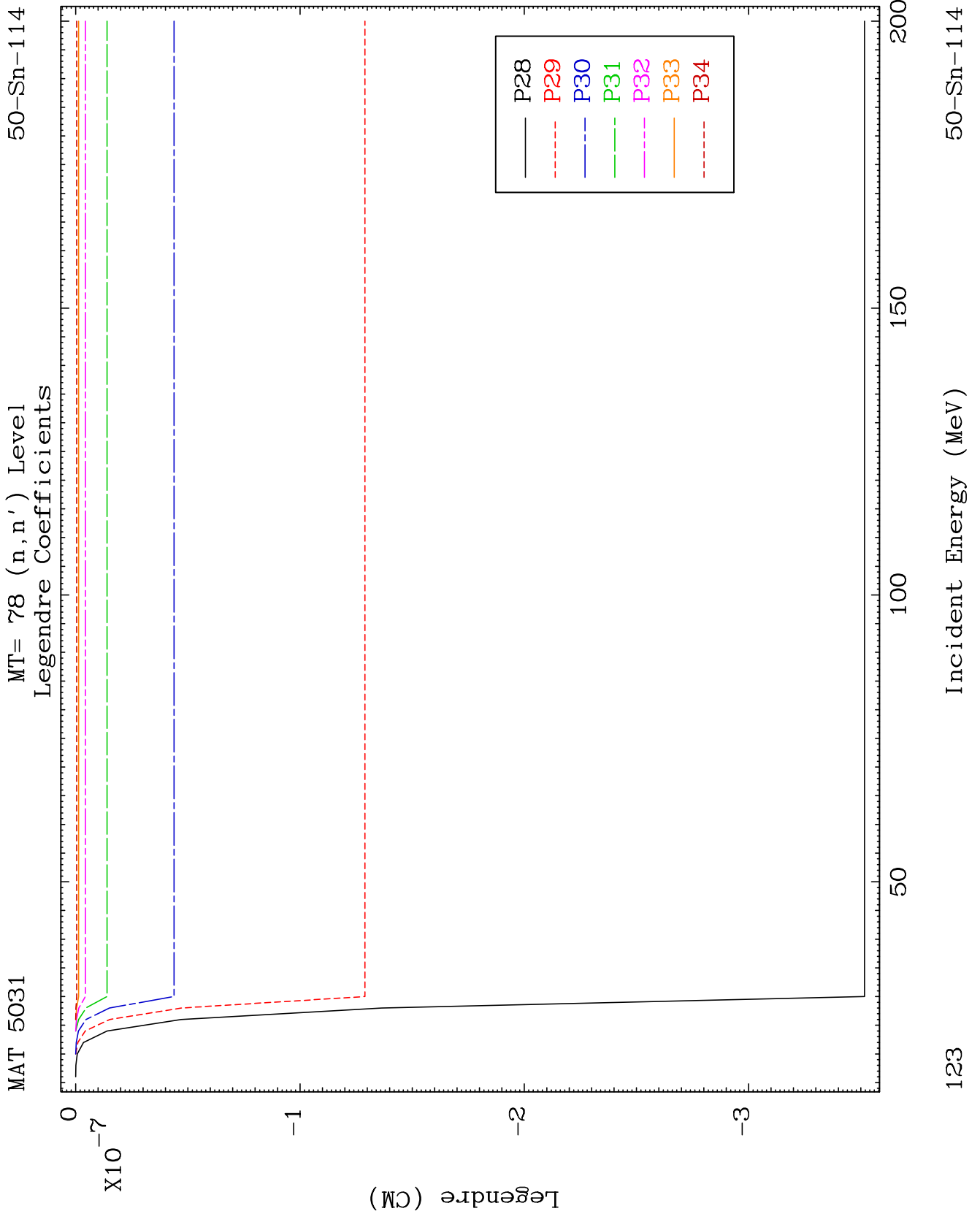
MT= 78 (n,n') Level
Legendre Coefficients

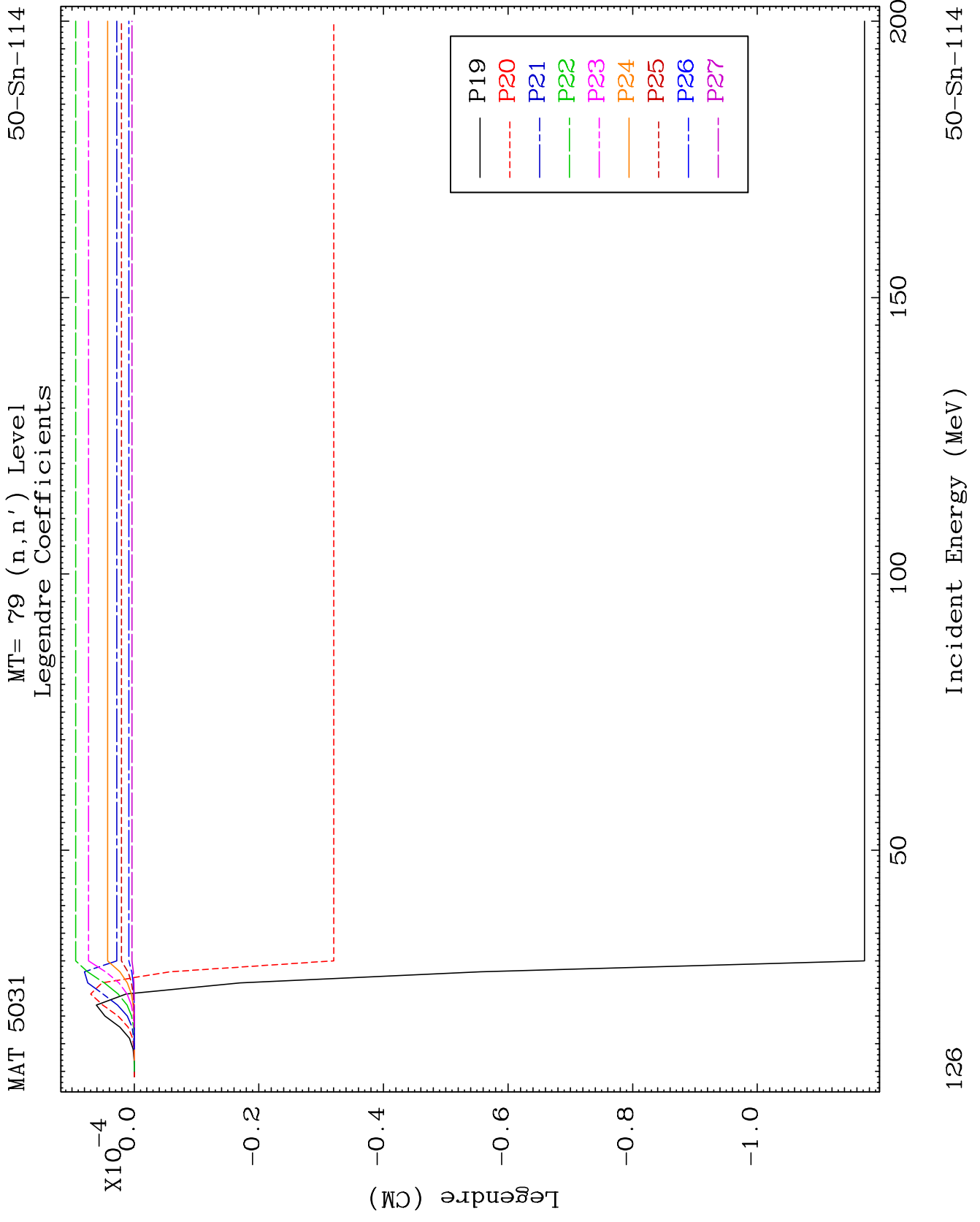
50-Sn-114

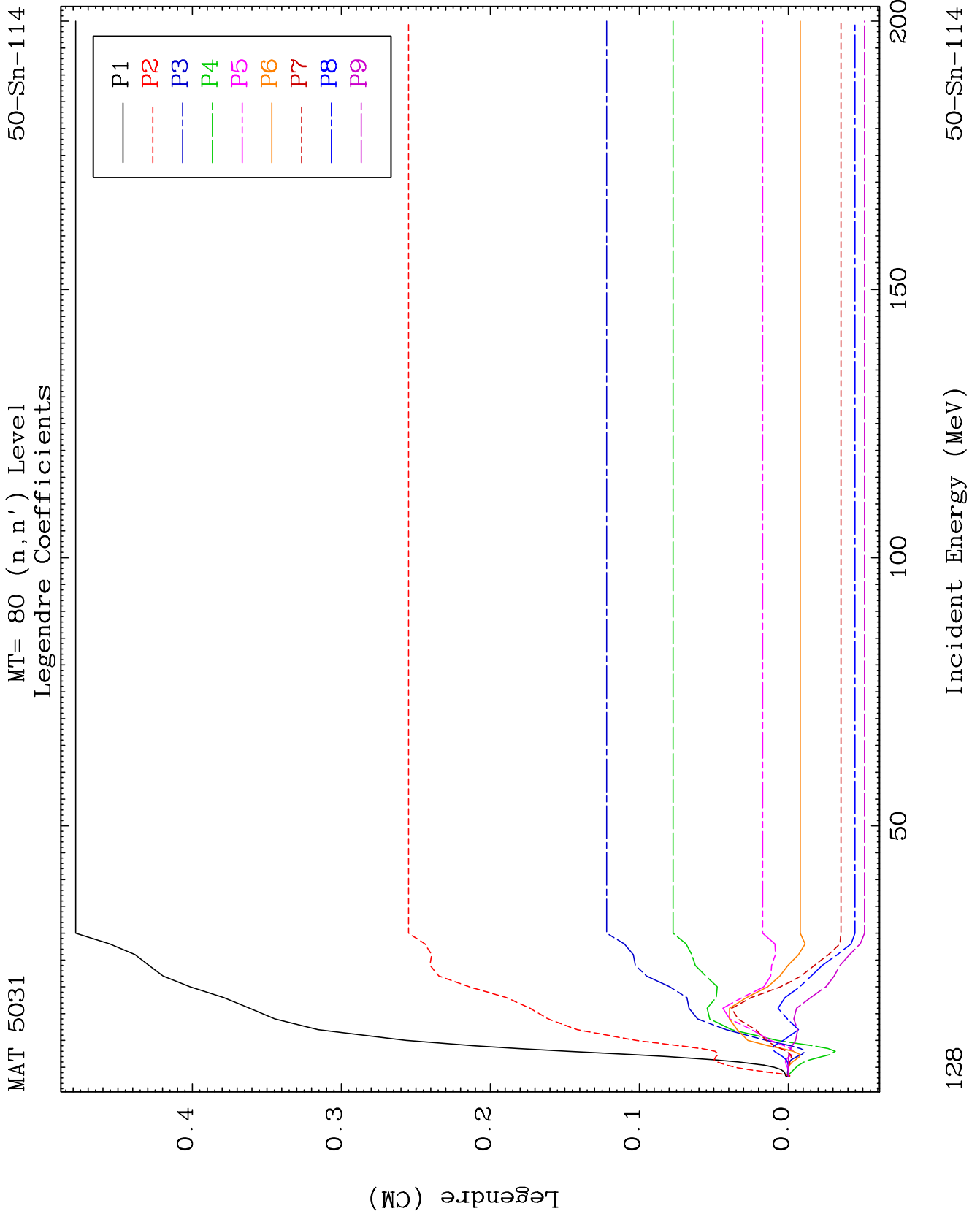


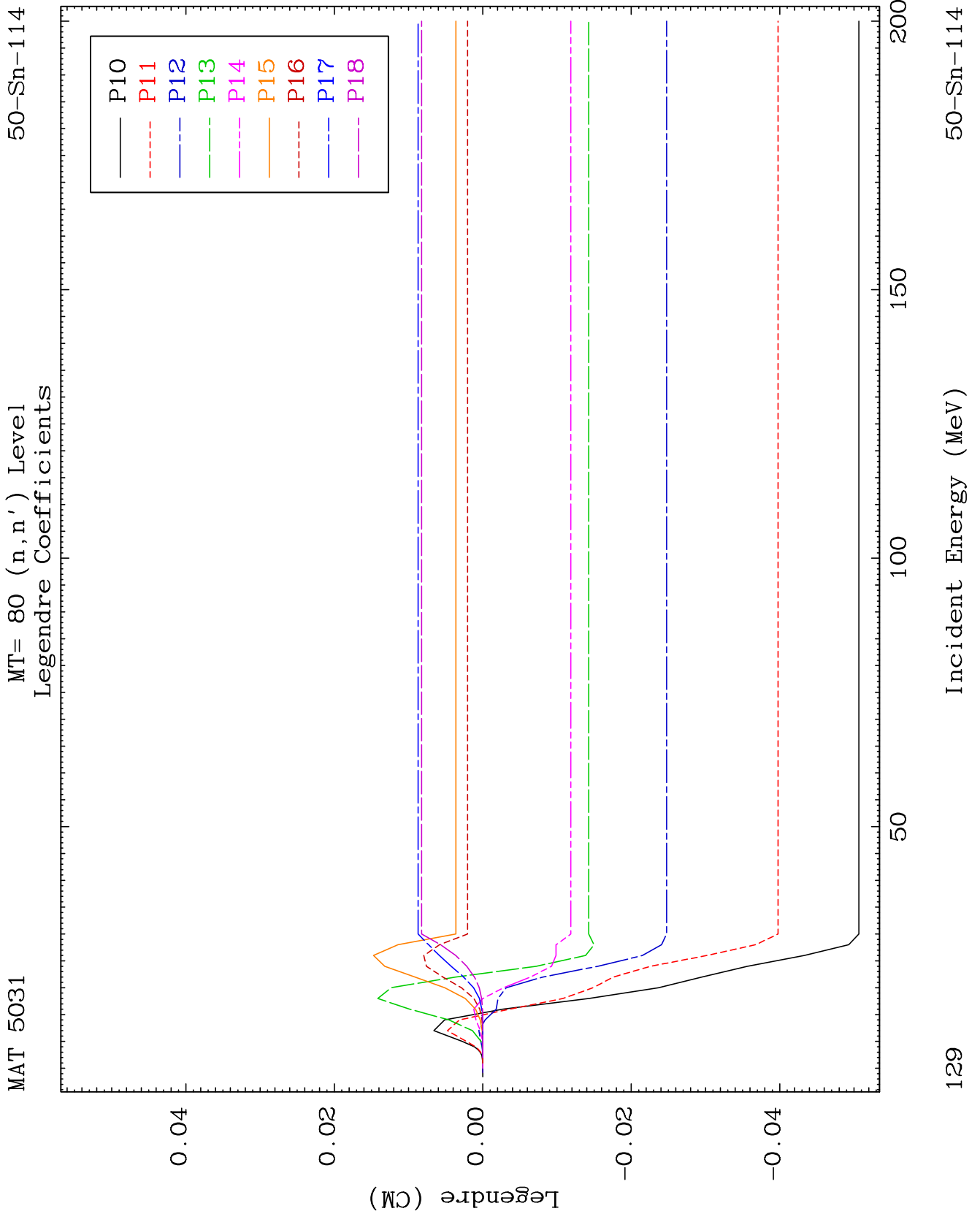
122

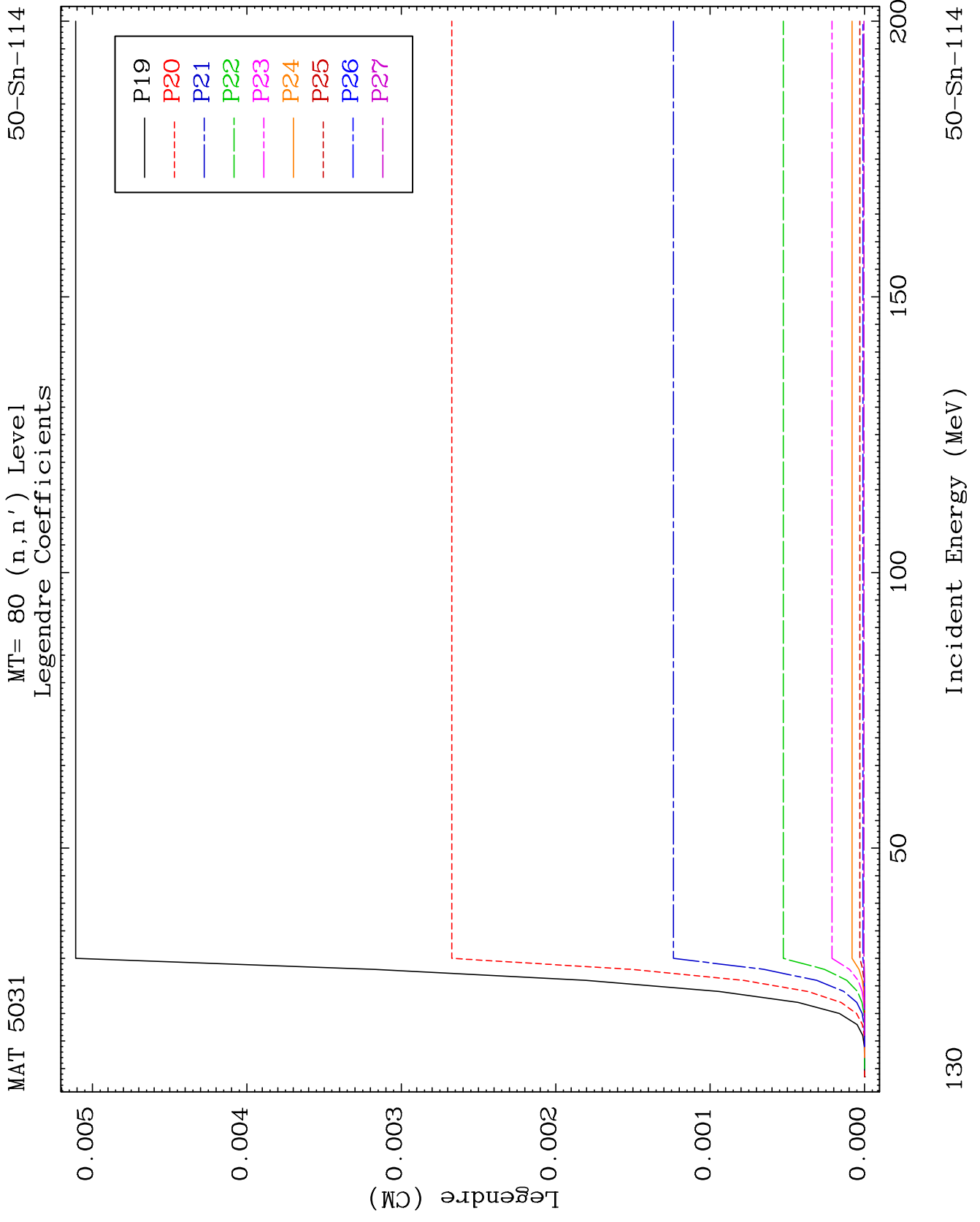
50-Sn-114

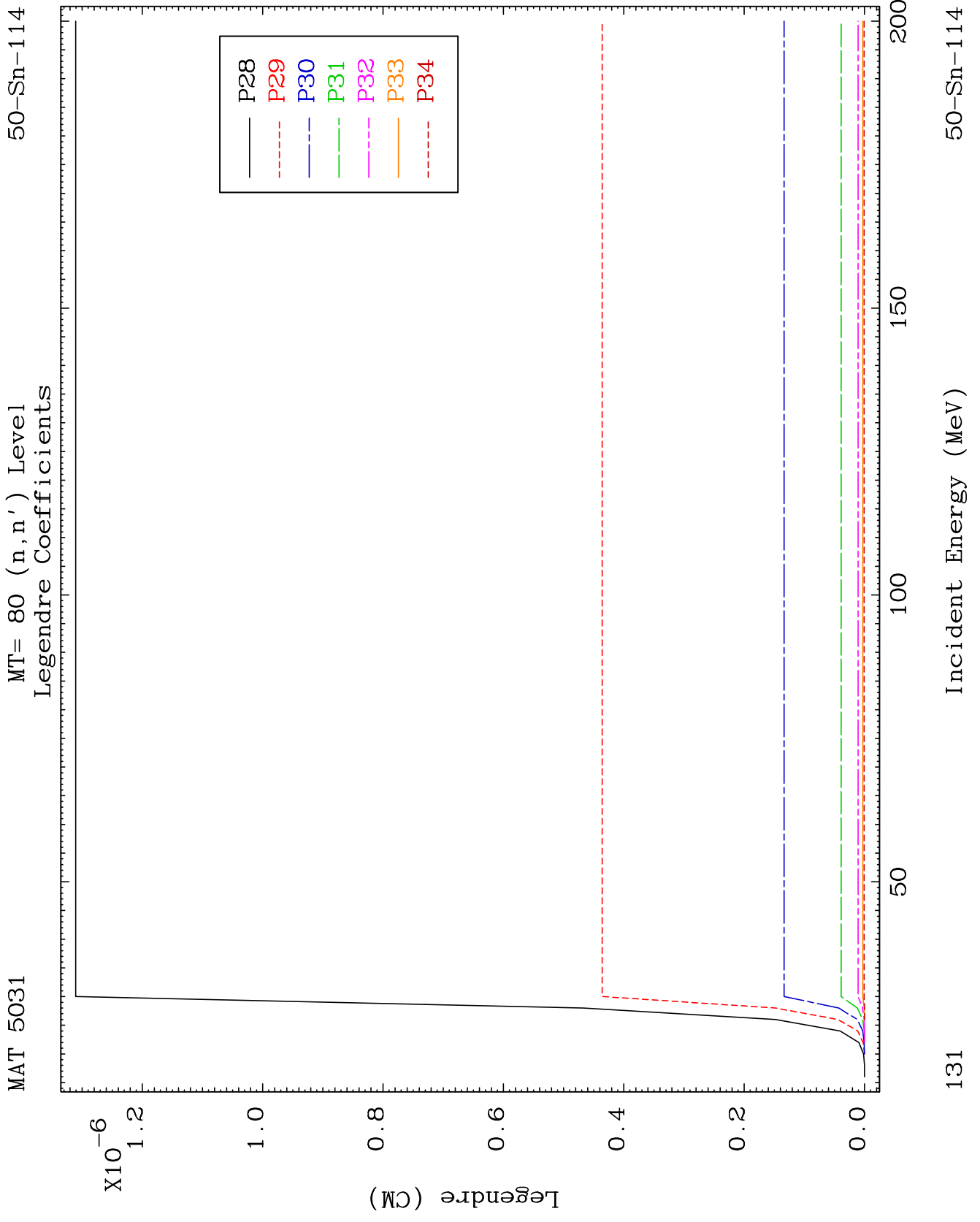










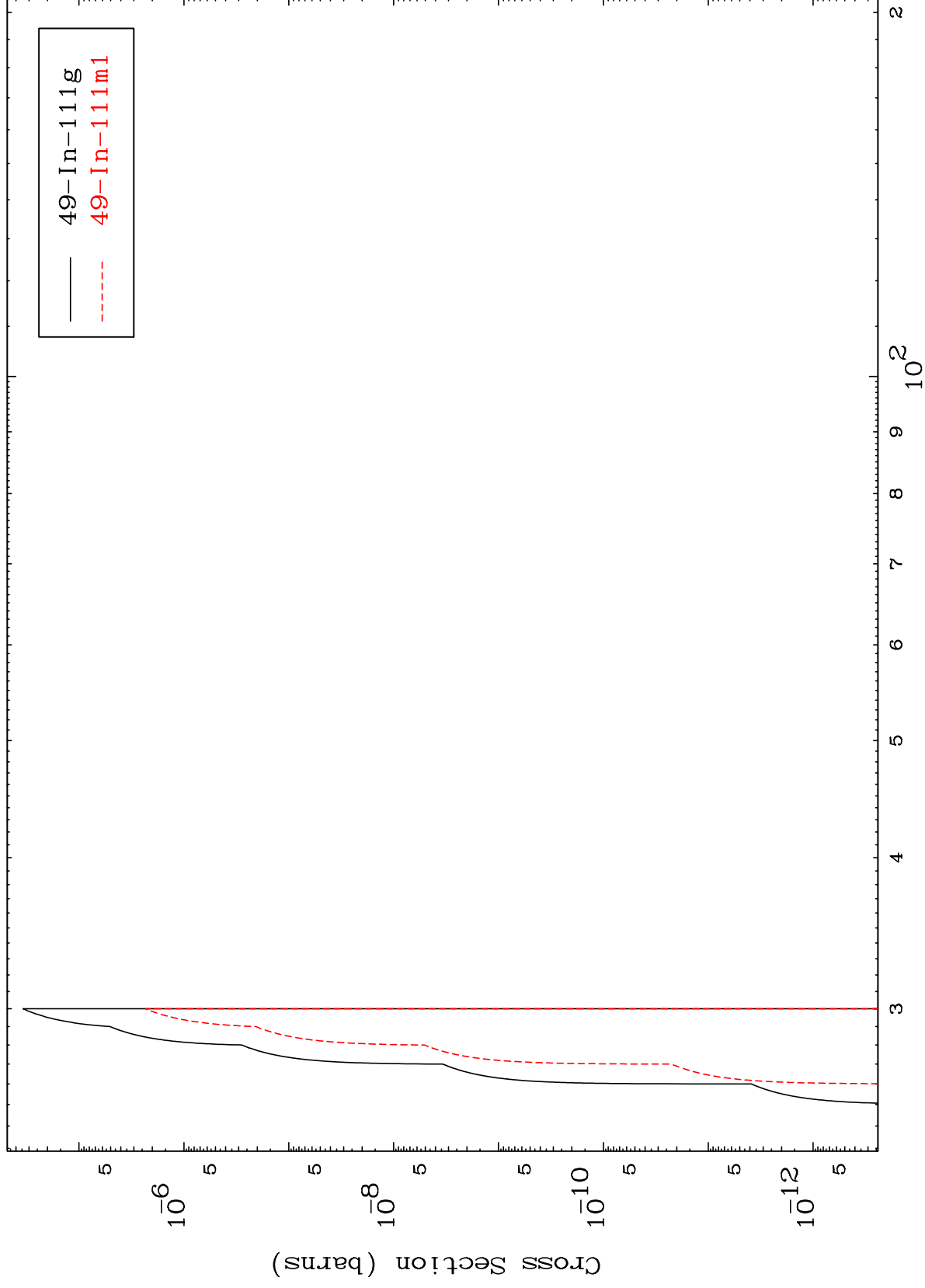


MAT 5031

(n,2n) d

50-Sn-114

Radionuclide Production Cross Section



132

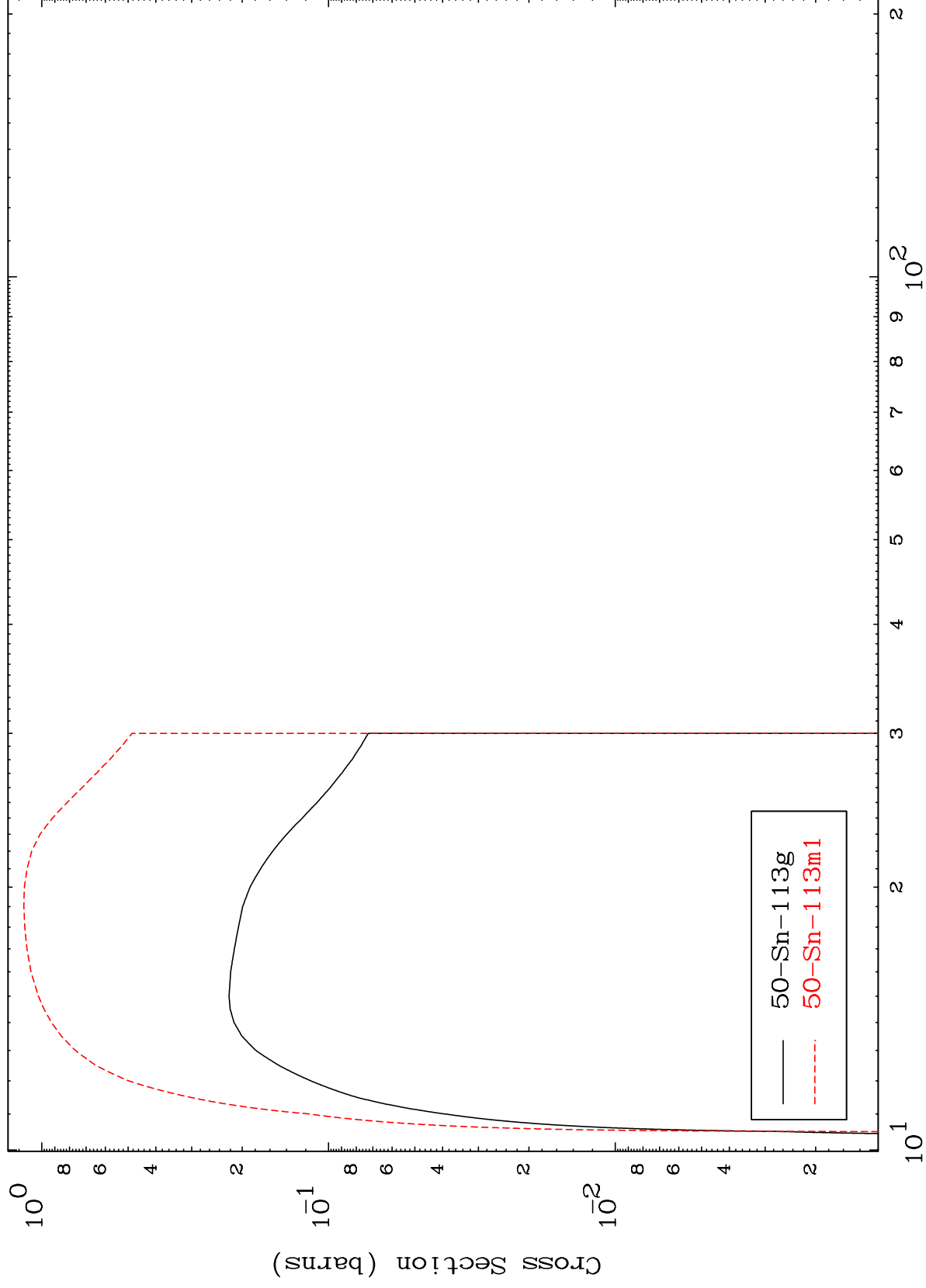
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,2n)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

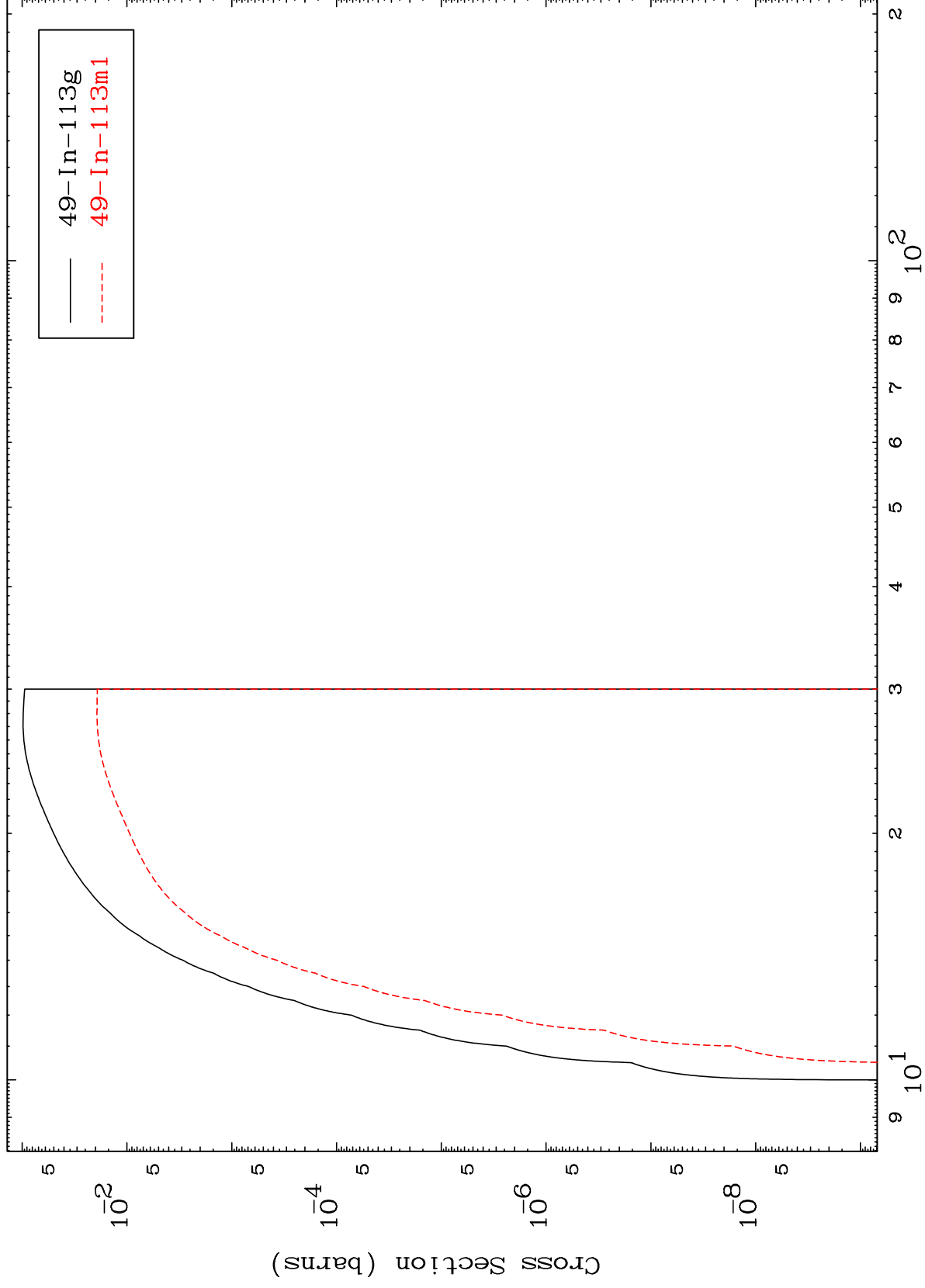
133

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



134

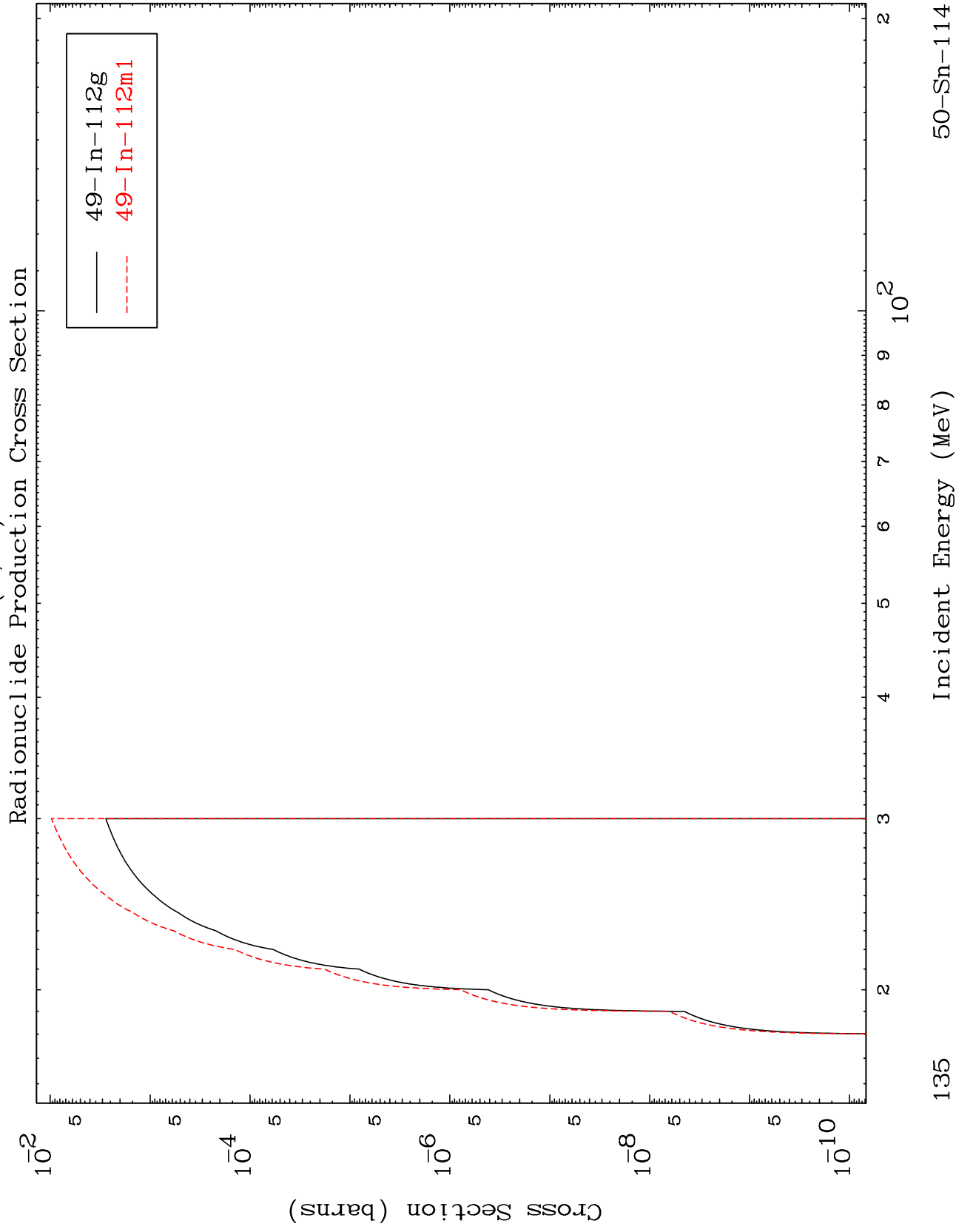
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,n') d

50-Sn-114

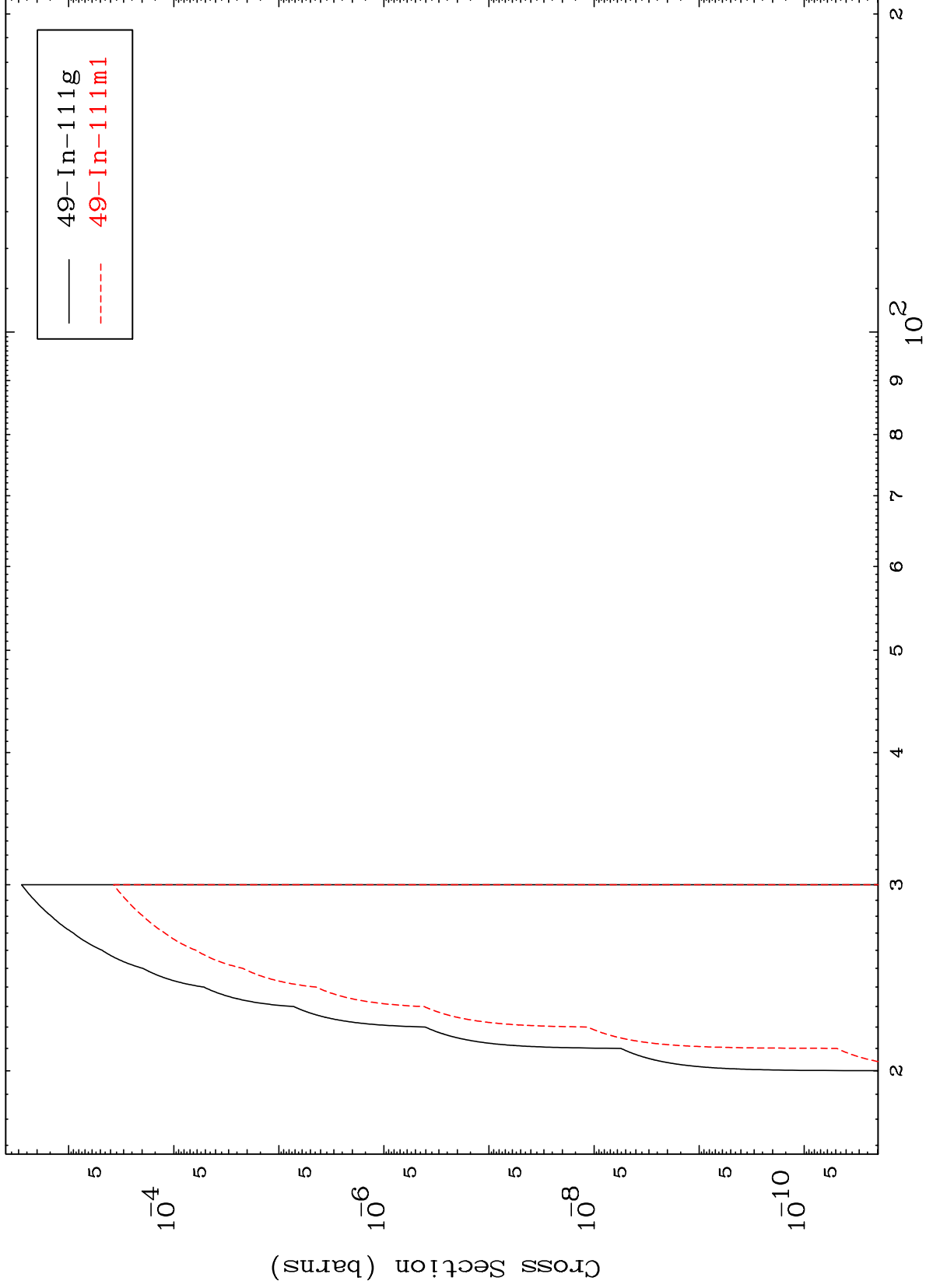


135

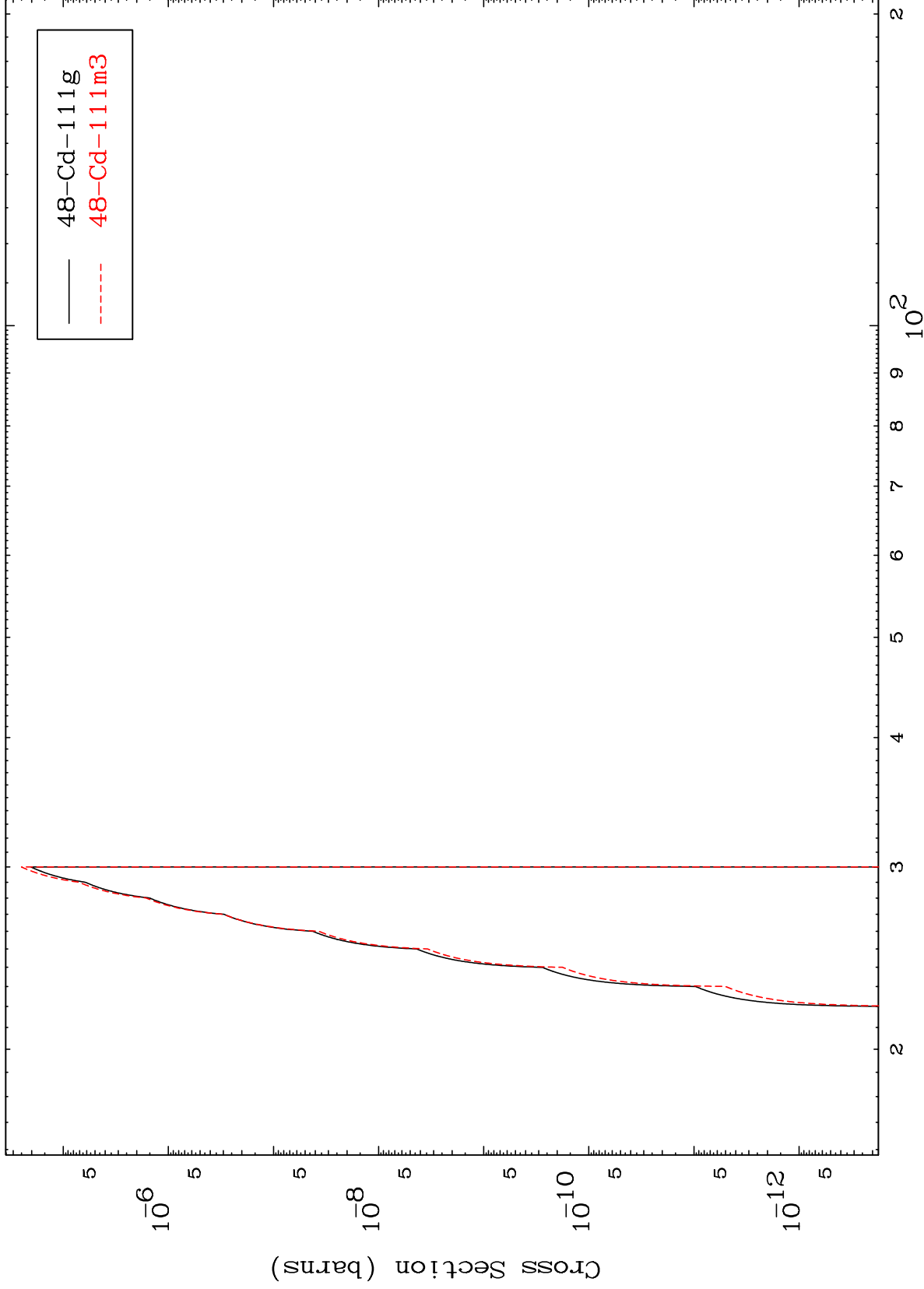
Incident Energy (MeV)

50-Sn-114

Radionuclide Production Cross Section



Radionuclide Production Cross Section

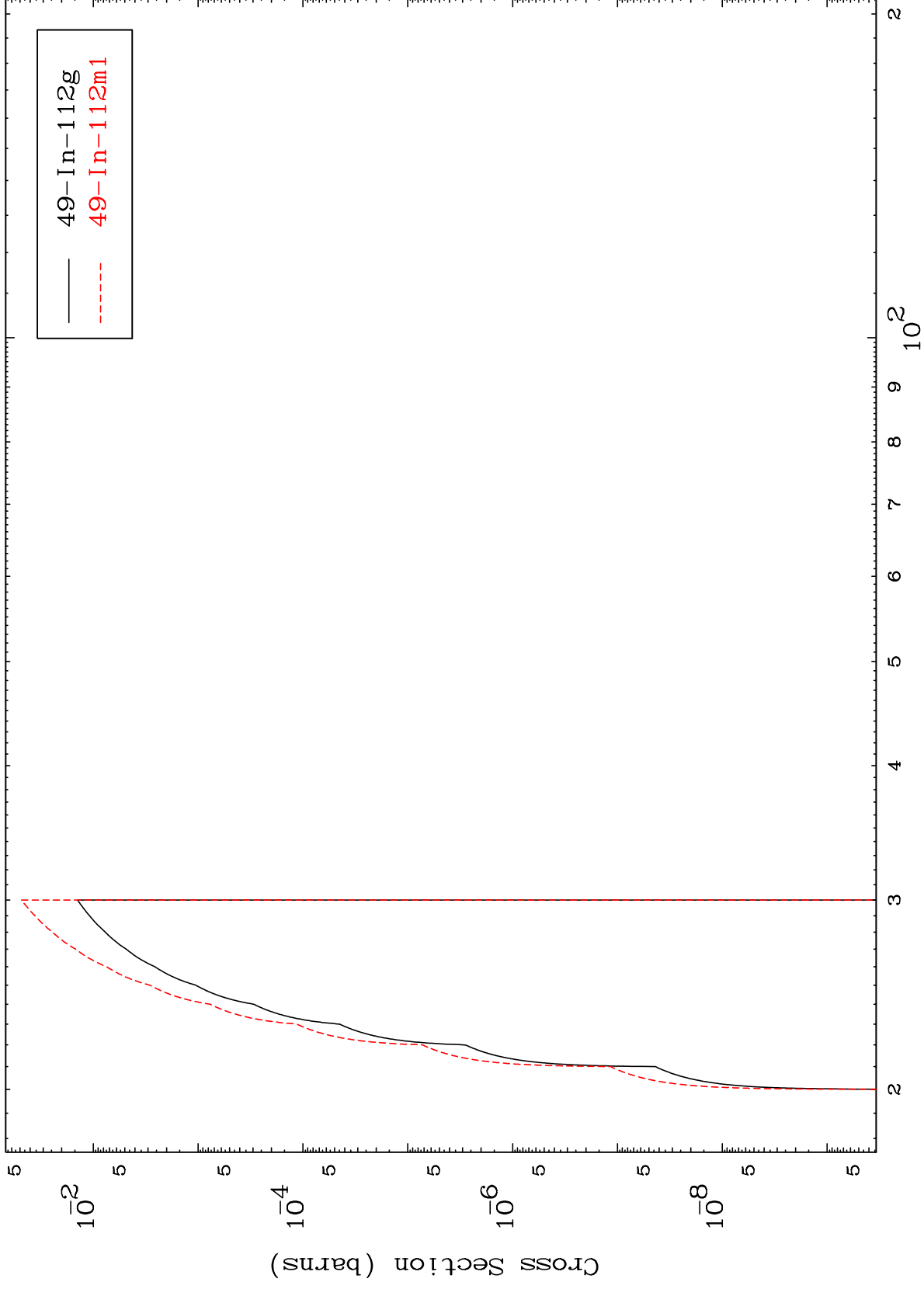


MAT 5031

(n,2n) p

50-Sn-114

Radionuclide Production Cross Section

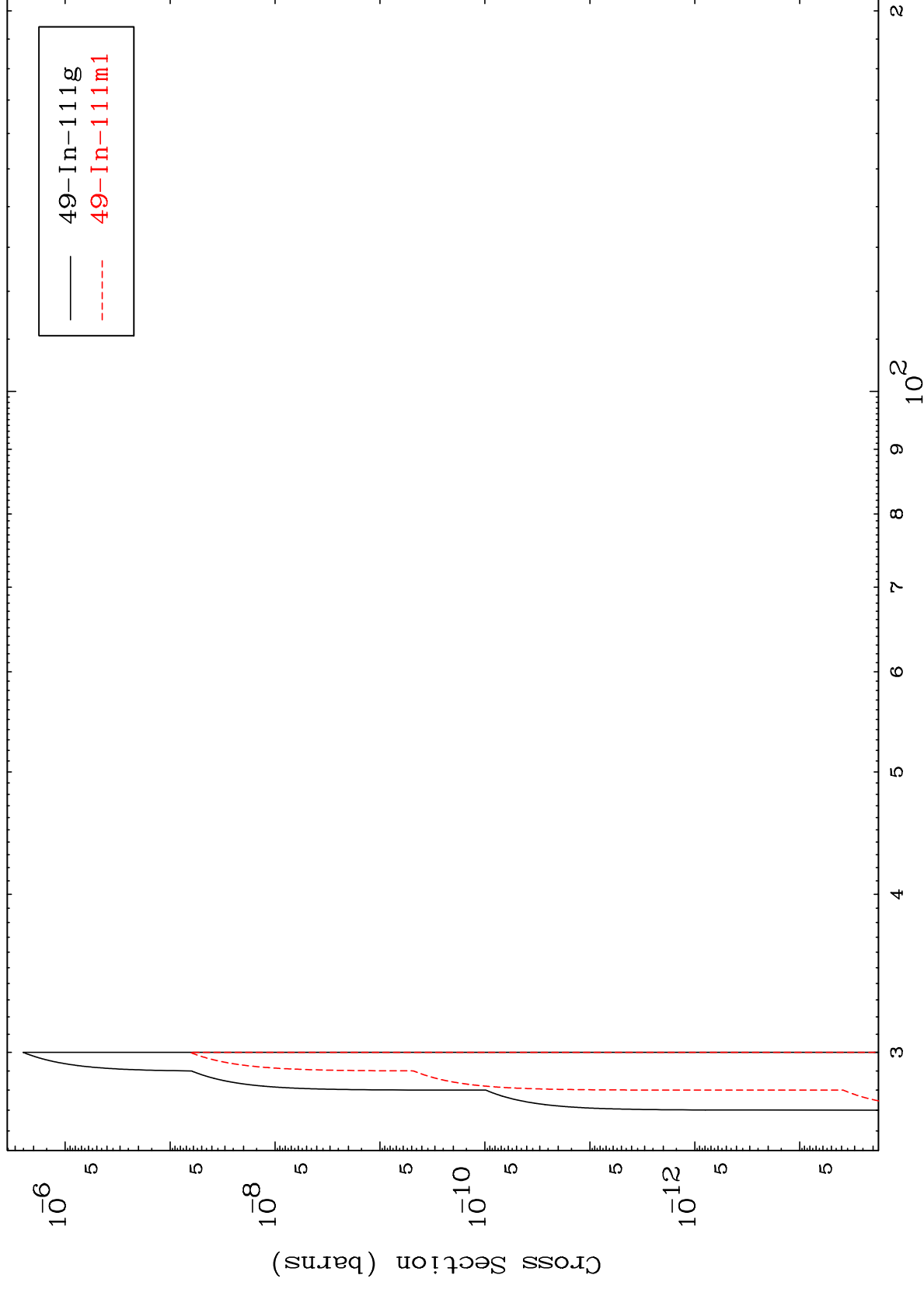


138

Incident Energy (MeV)

50-Sn-114

Radionuclide Production Cross Section

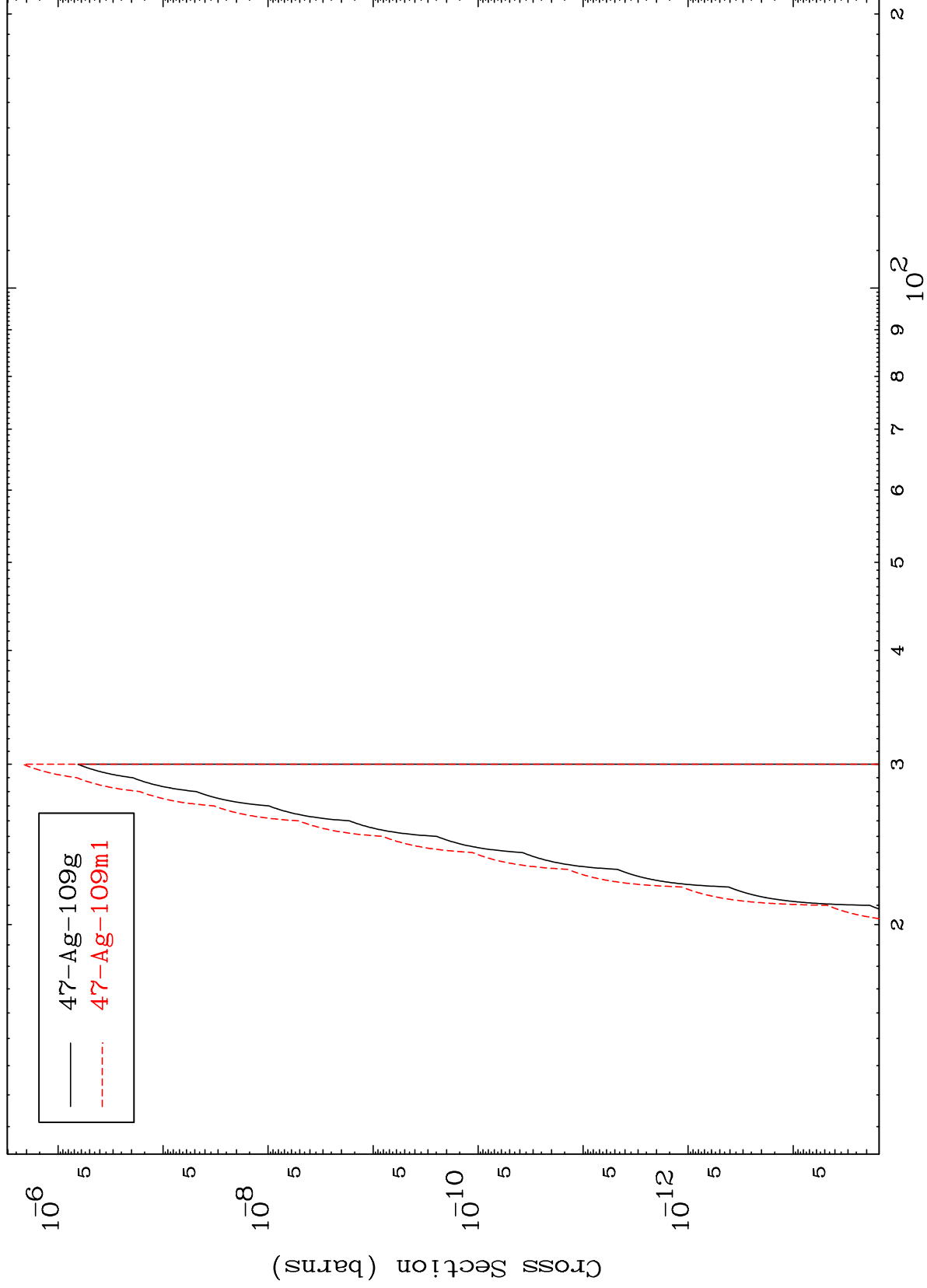


MAT 5031

(n,n') p α

50-Sn-114

Radionuclide Production Cross Section



140

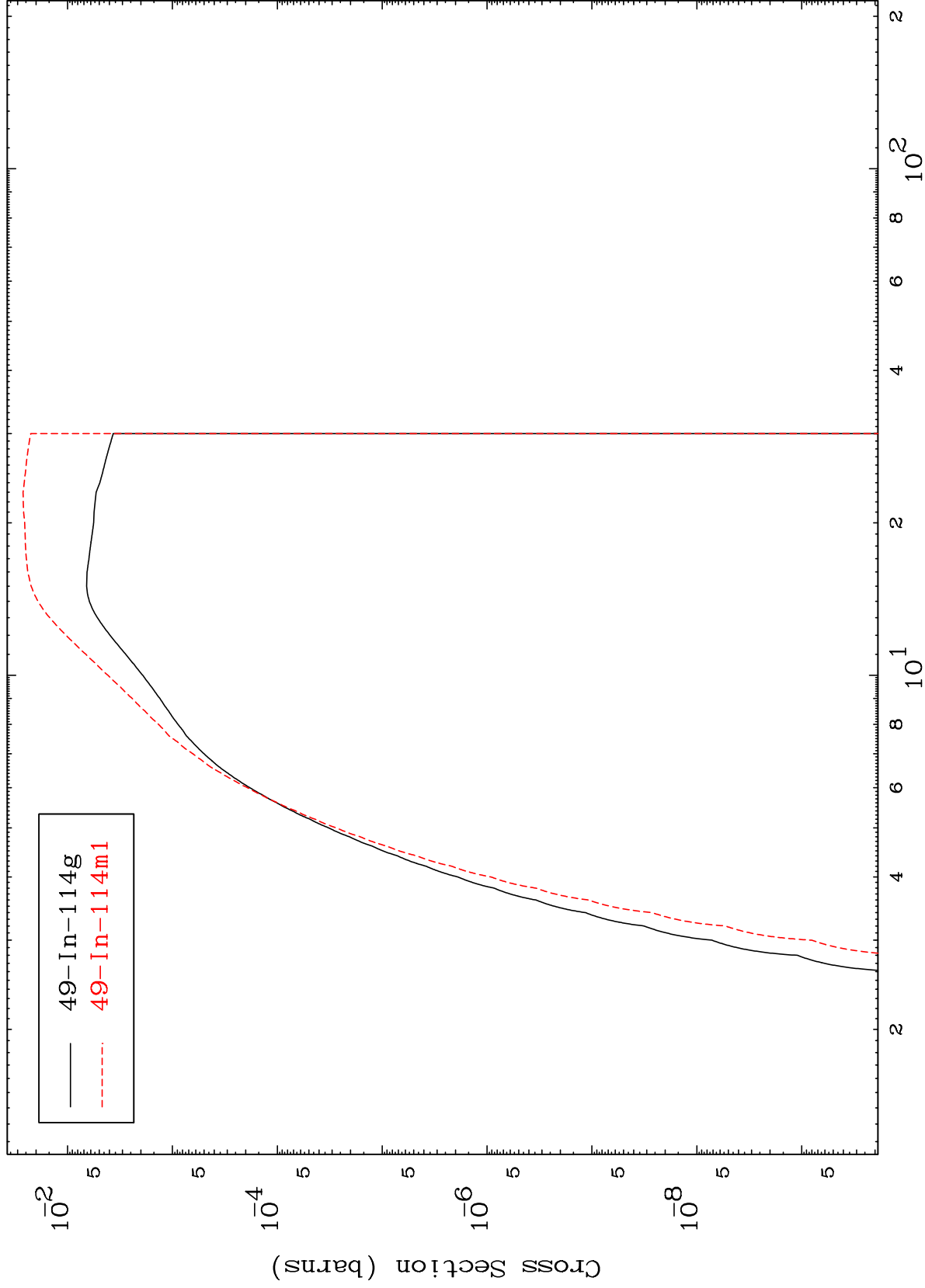
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,p)
Radionuclide Production Cross Section



141

50-Sn-114

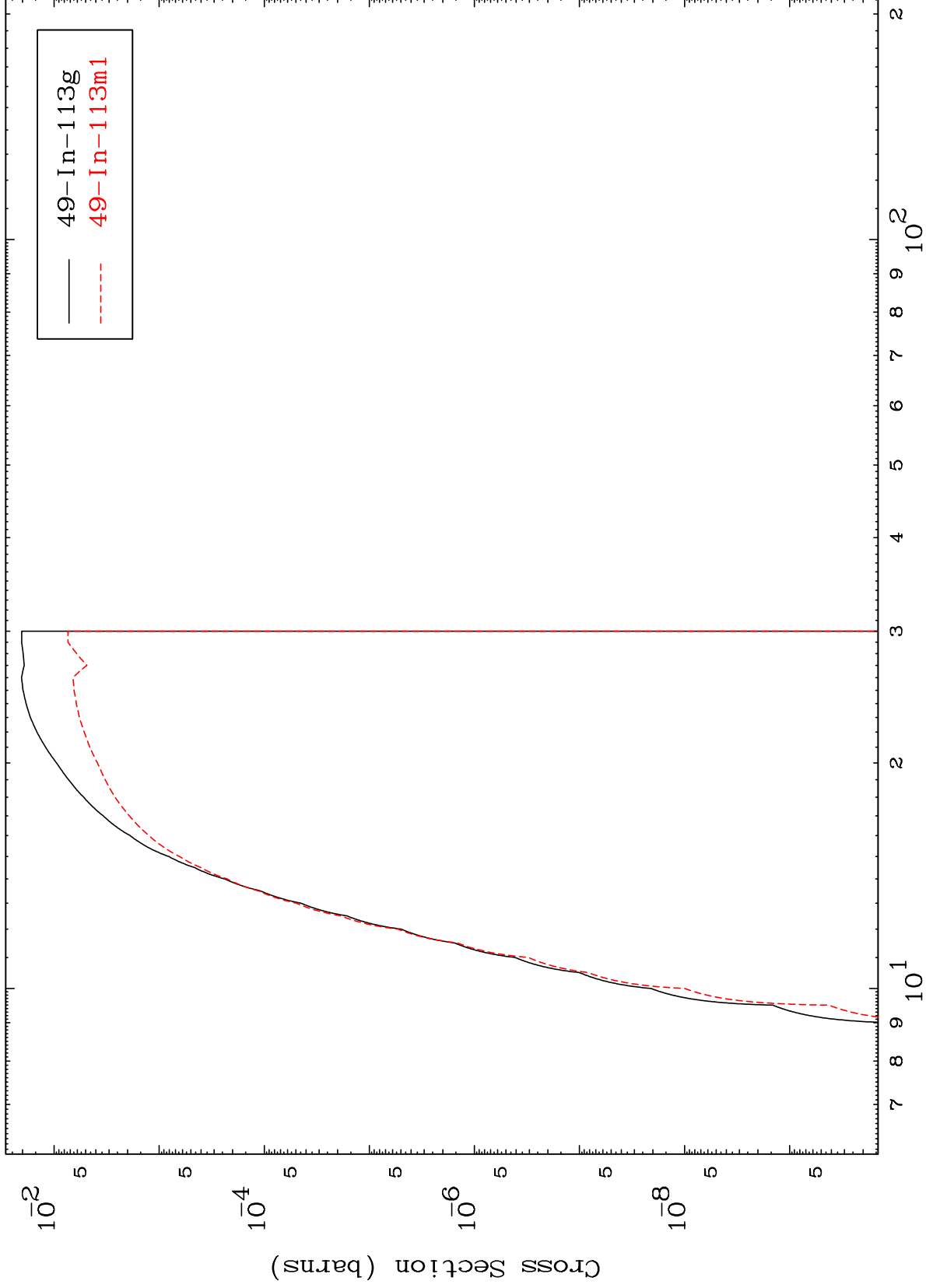
Incident Energy (MeV)

MAT 5031

(n,d)

50-Sn-114

Radionuclide Production Cross Section



142

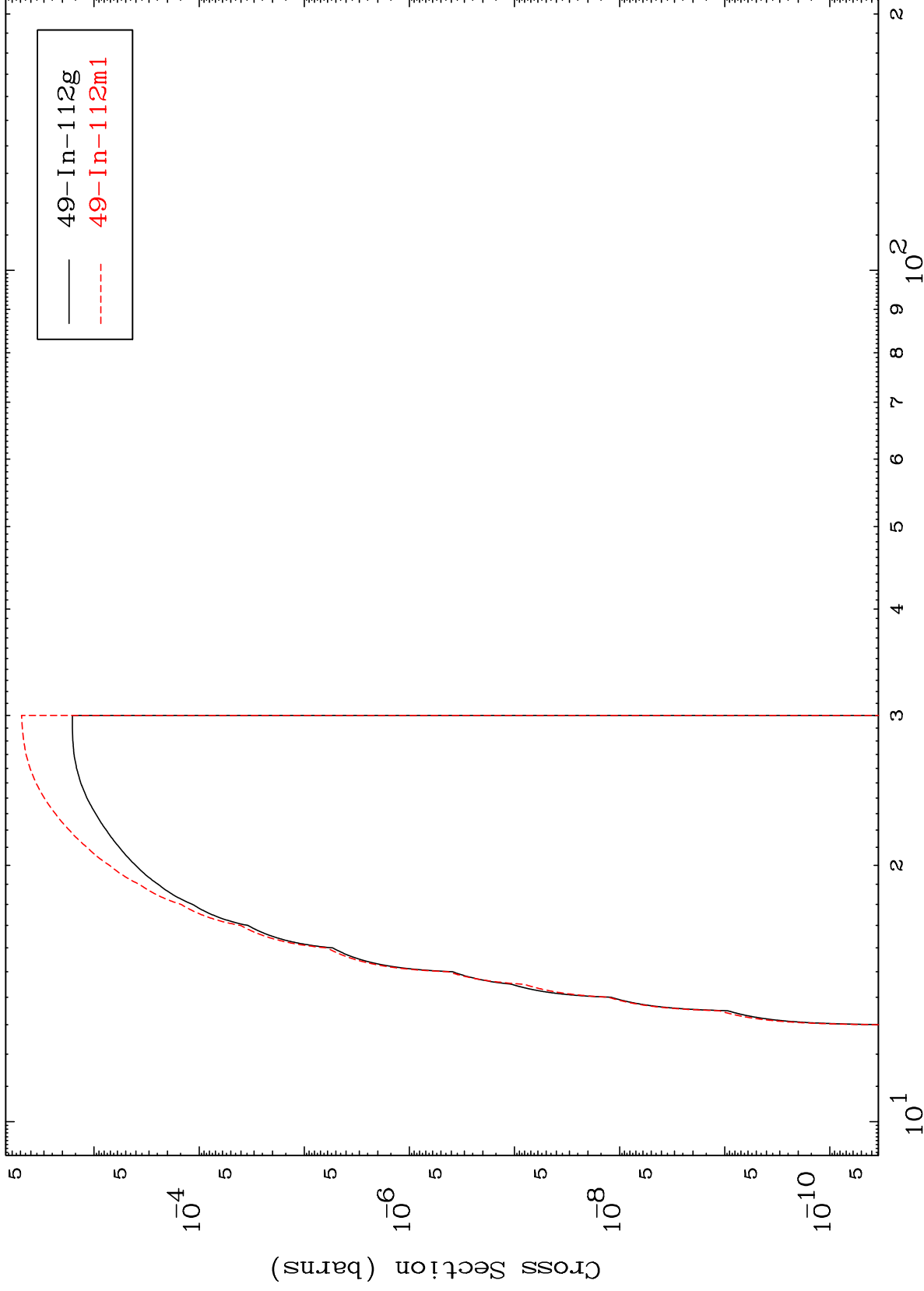
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

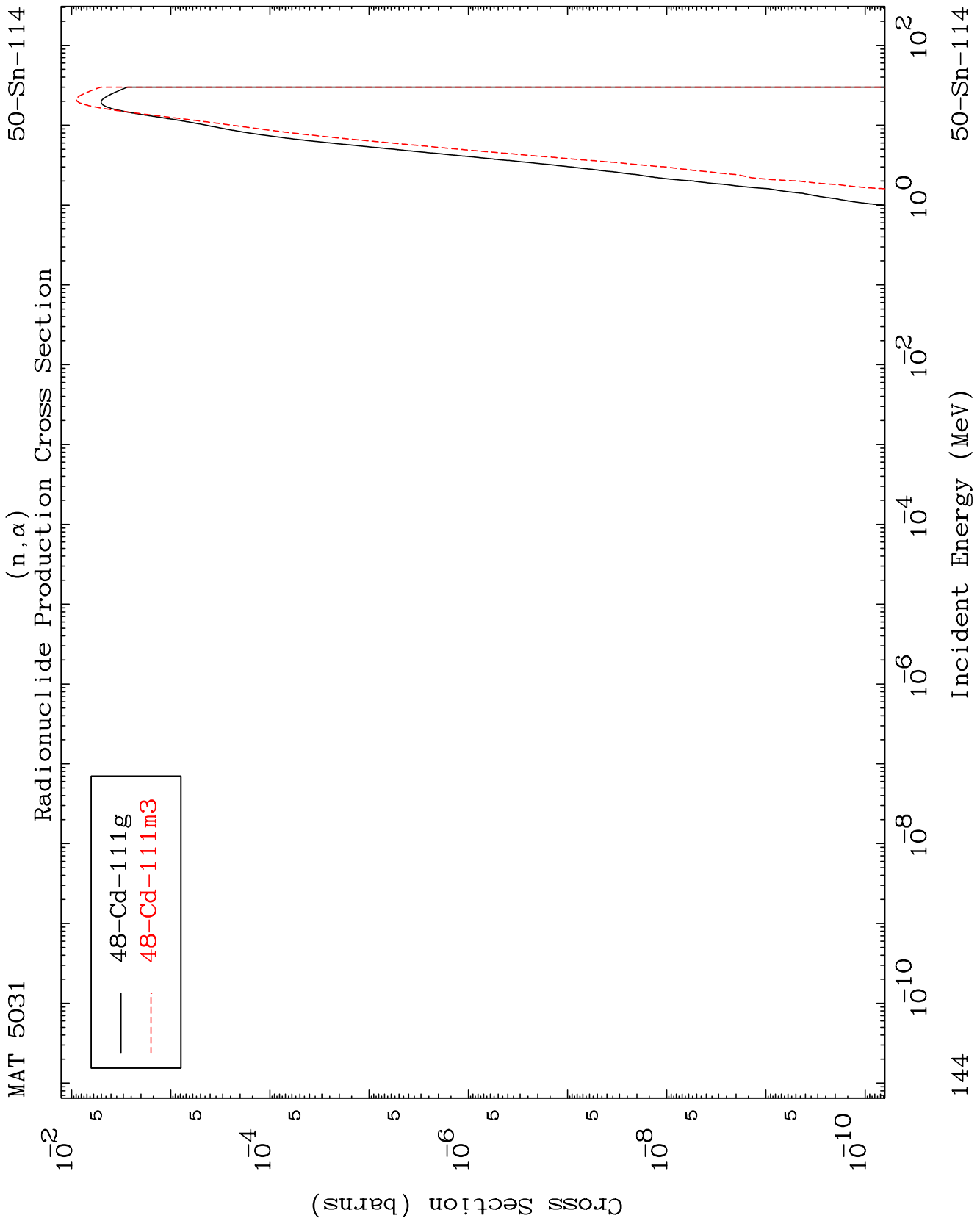
(n, t)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

143

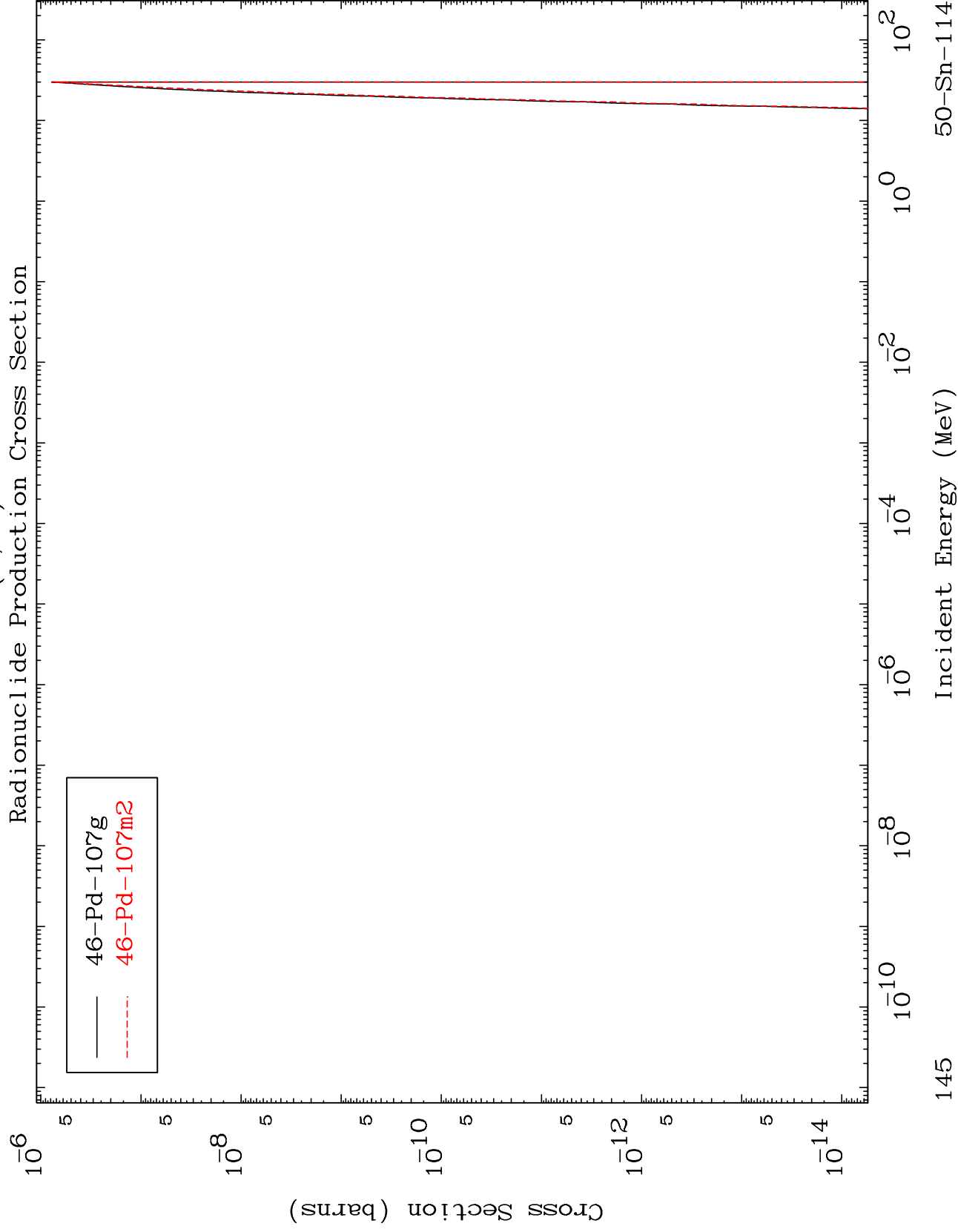


MAT 5031

(n,2α)

50-Sn-114

Radionuclide Production Cross Section

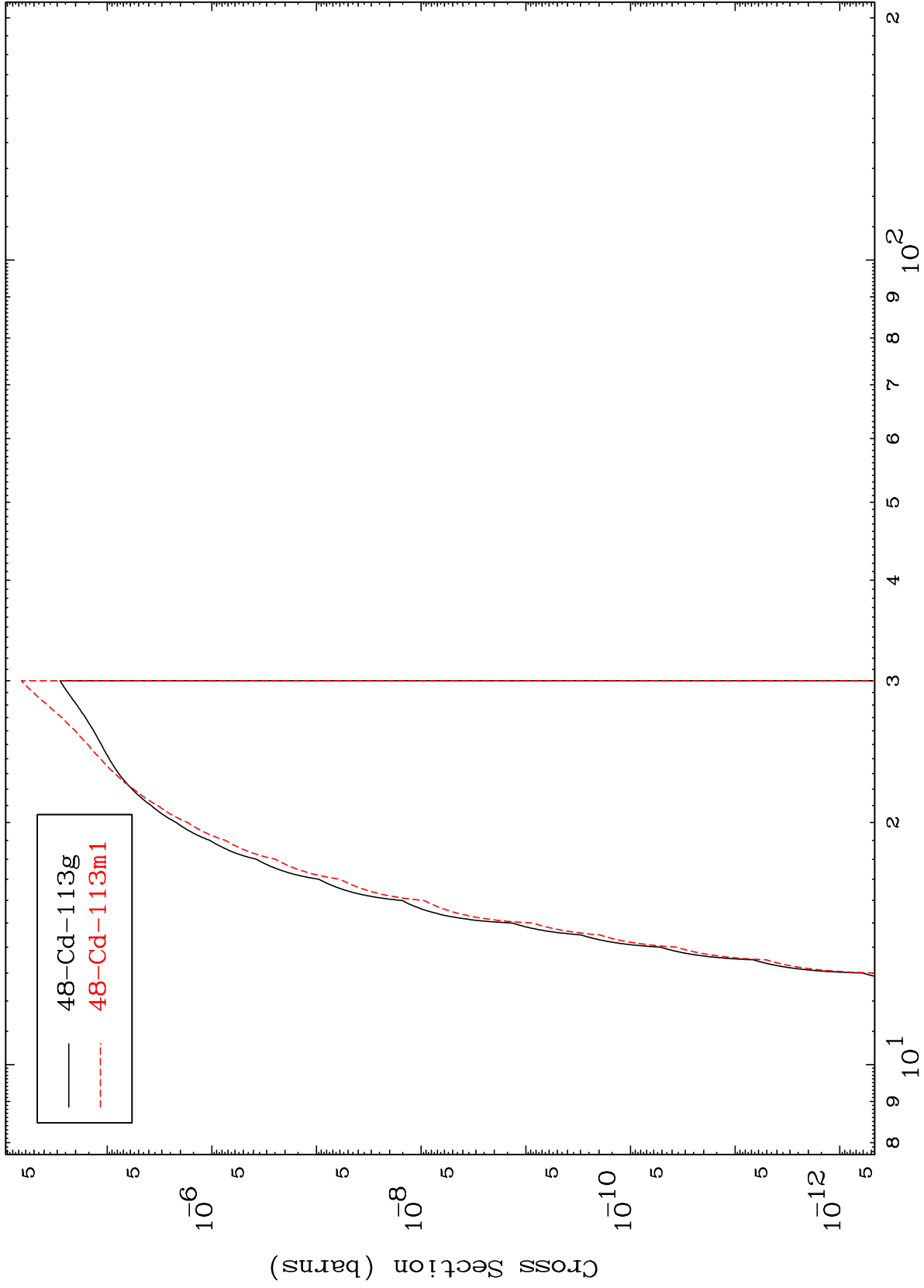


145

MAT 5031

50-Sn-114

(n,2p)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

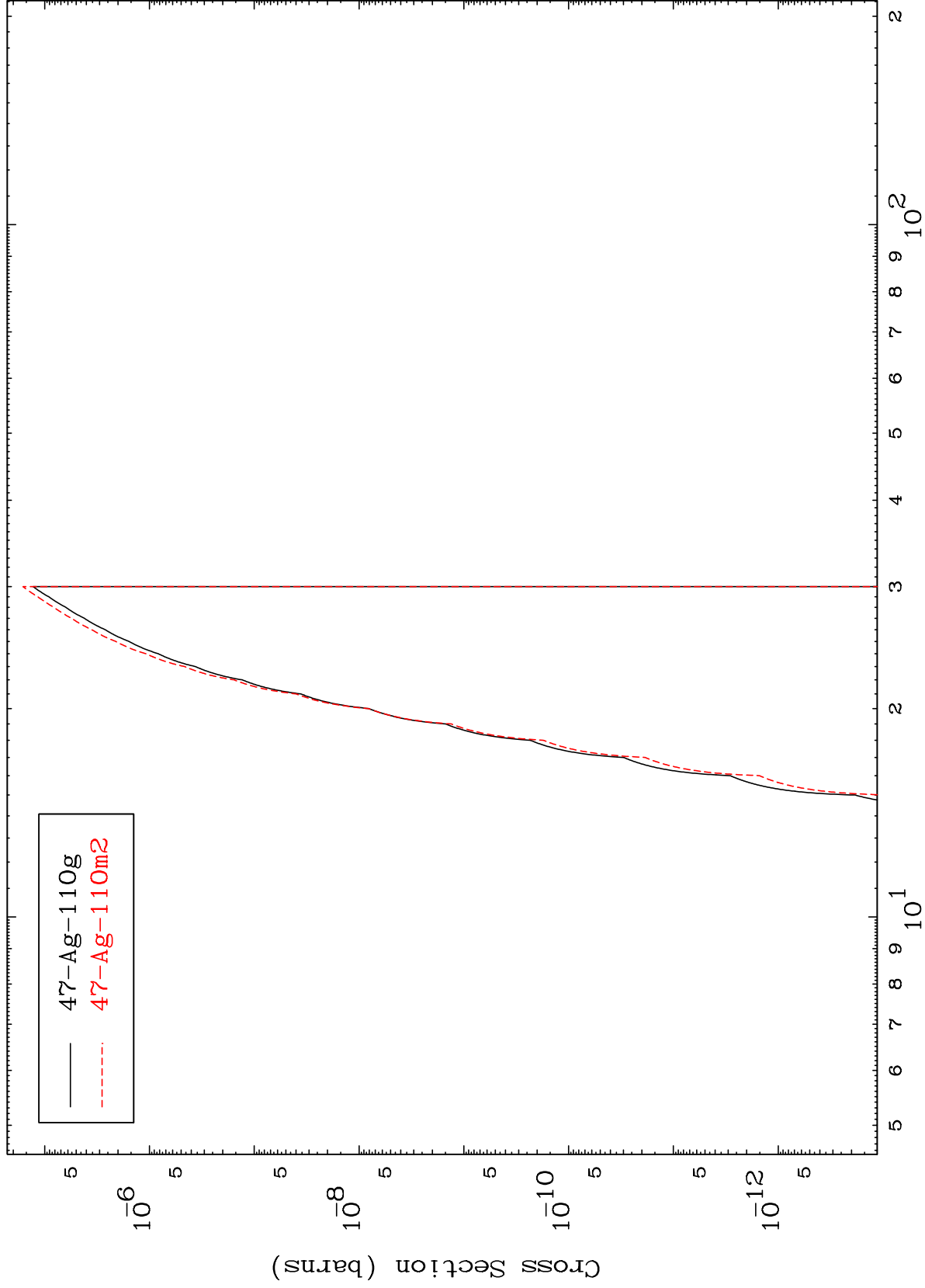
146

MAT 5031

(n,p) α

50-Sn-114

Radionuclide Production Cross Section

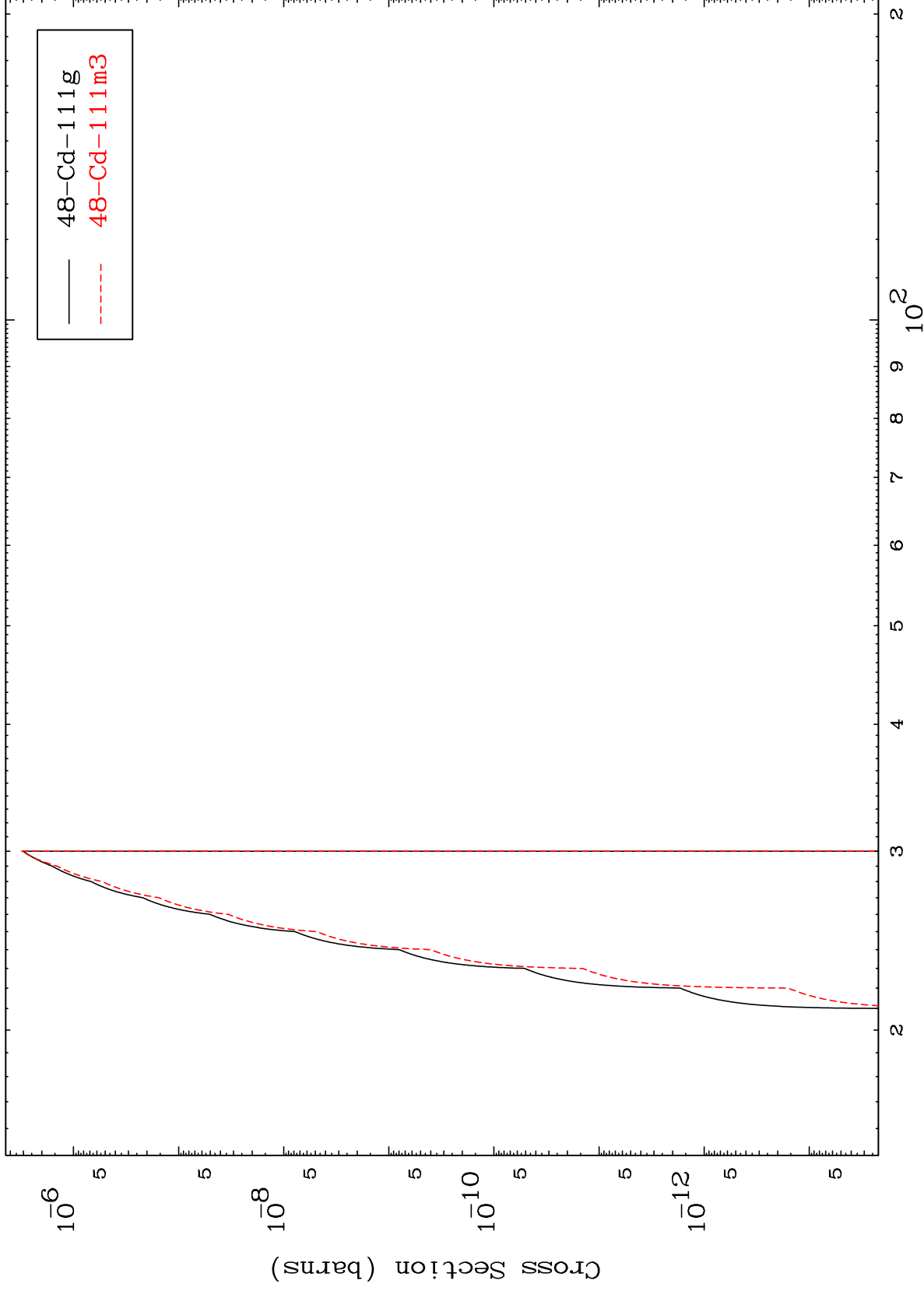


147

Incident Energy (MeV)

50-Sn-114

Radionuclide Production Cross Section

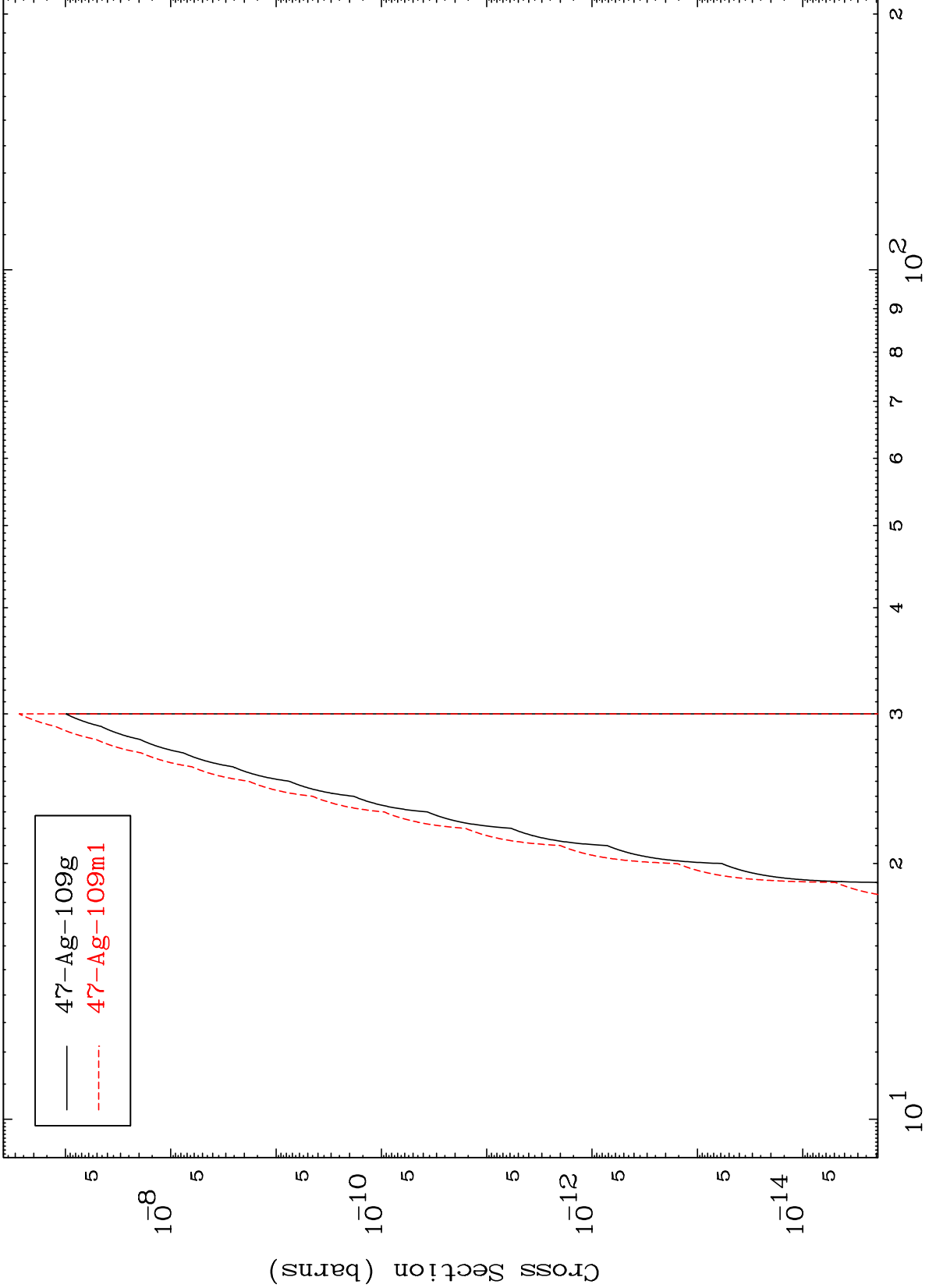


MAT 5031

(n,d) α

50-Sn-114

Radionuclide Production Cross Section



— 47-Ag-109g
- - - 47-Ag-109m1

Incident Energy (MeV)

50-Sn-114

149