

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

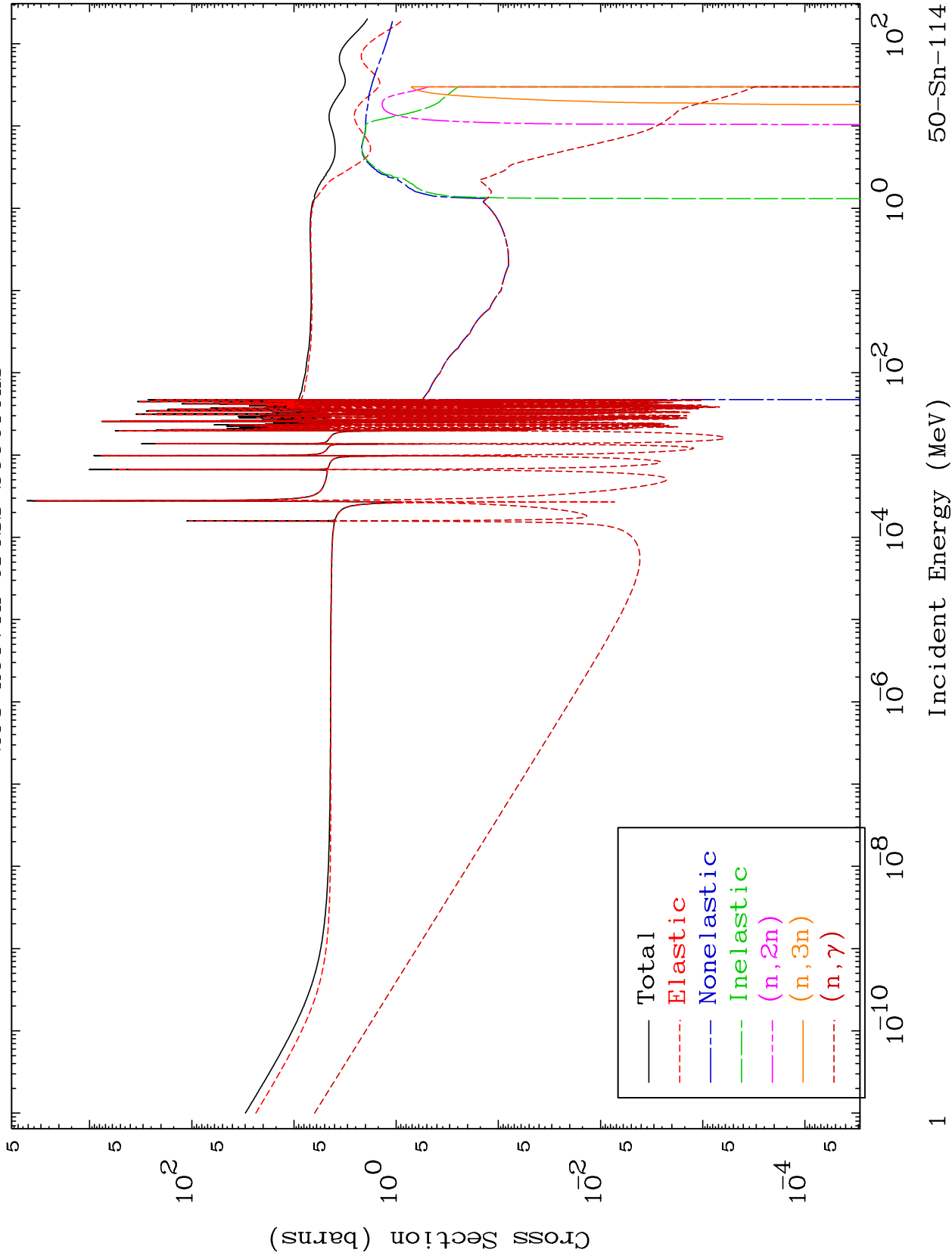
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5031

Neutron Major
293 Kelvin Cross Sections

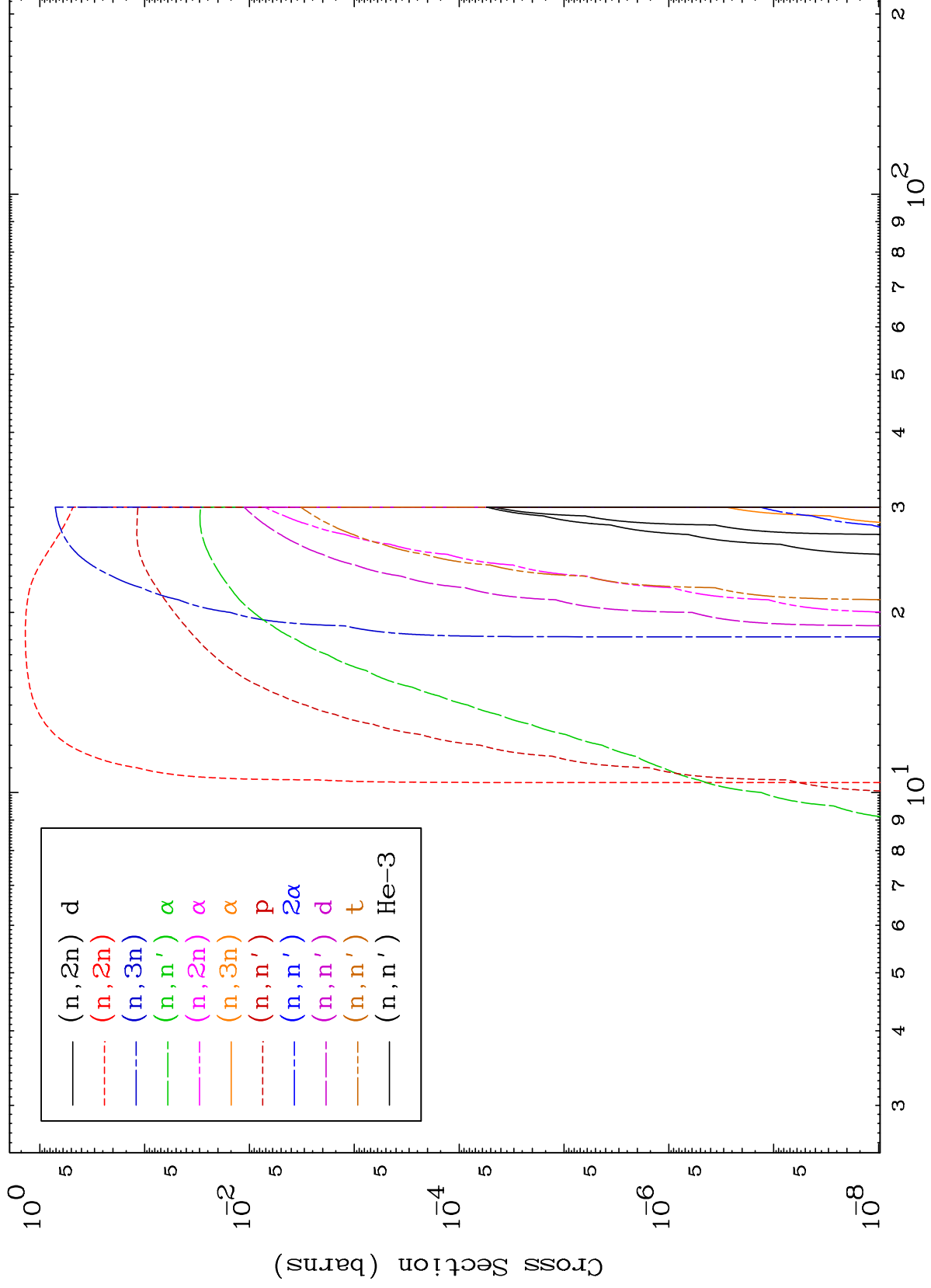
50-Sn-114



MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-114



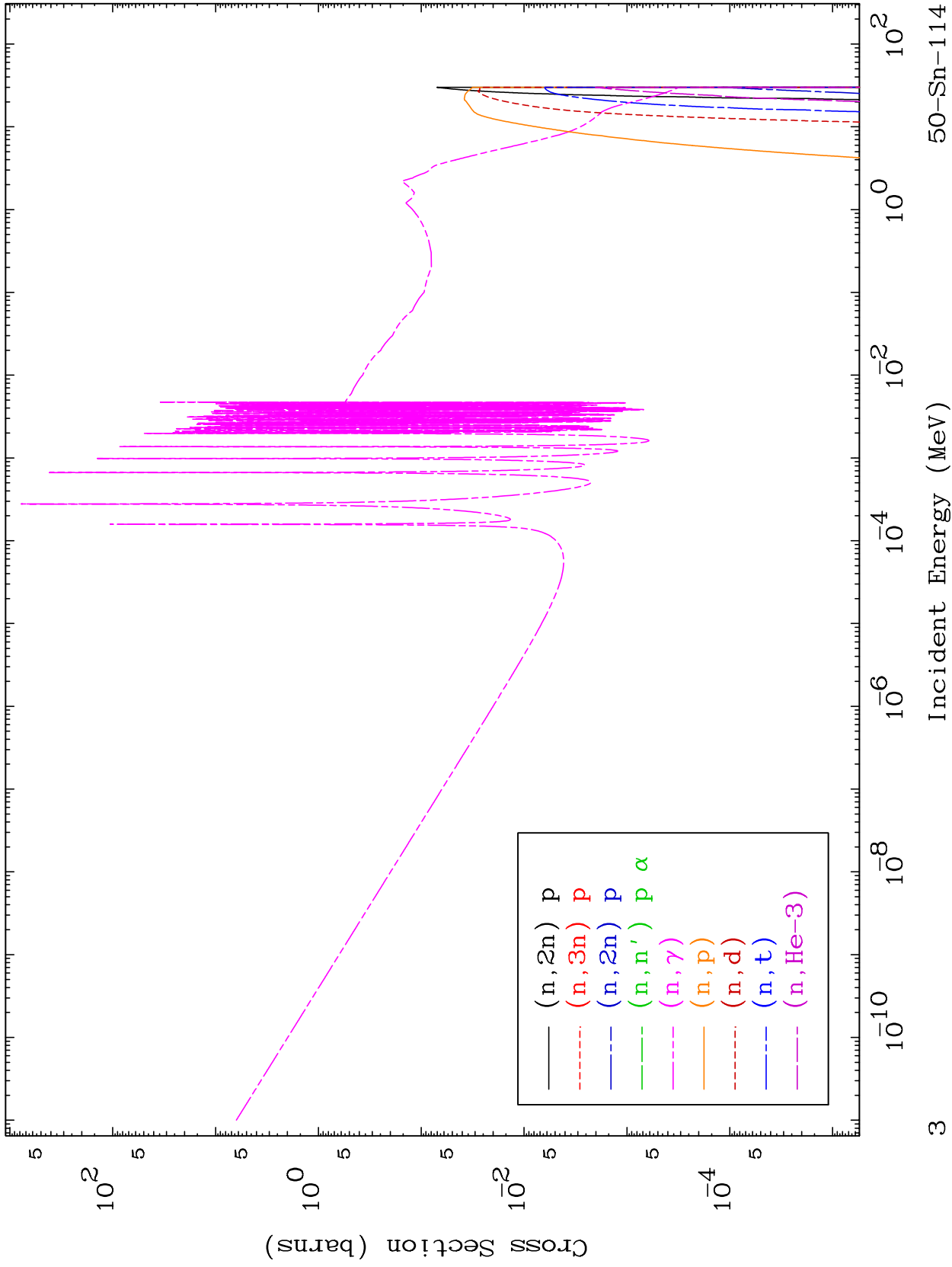
50-Sn-114

Incident Energy (MeV)

MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

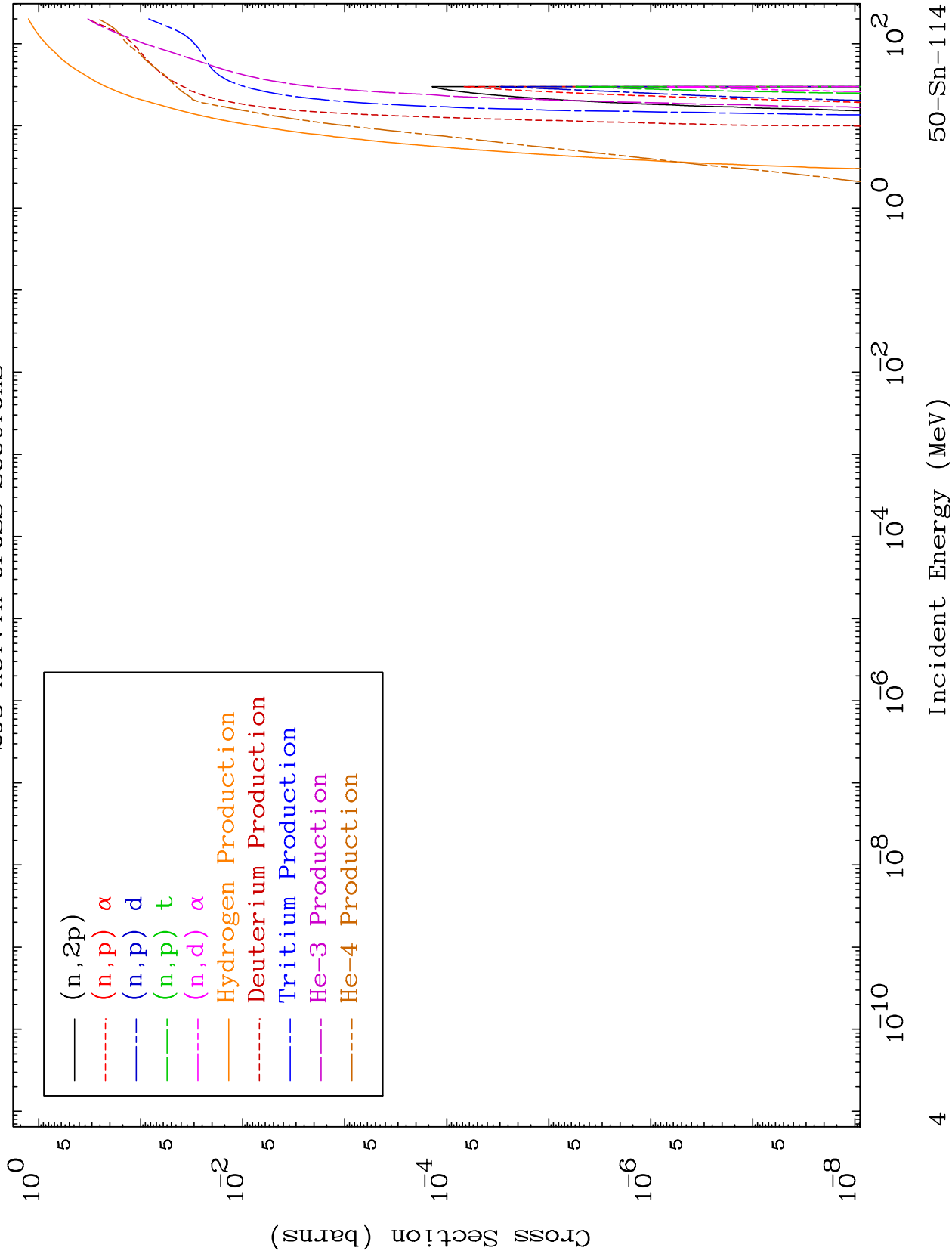
50-Sn-114



MAT 5031

Neutron Absorption
293 Kelvin Cross Sections

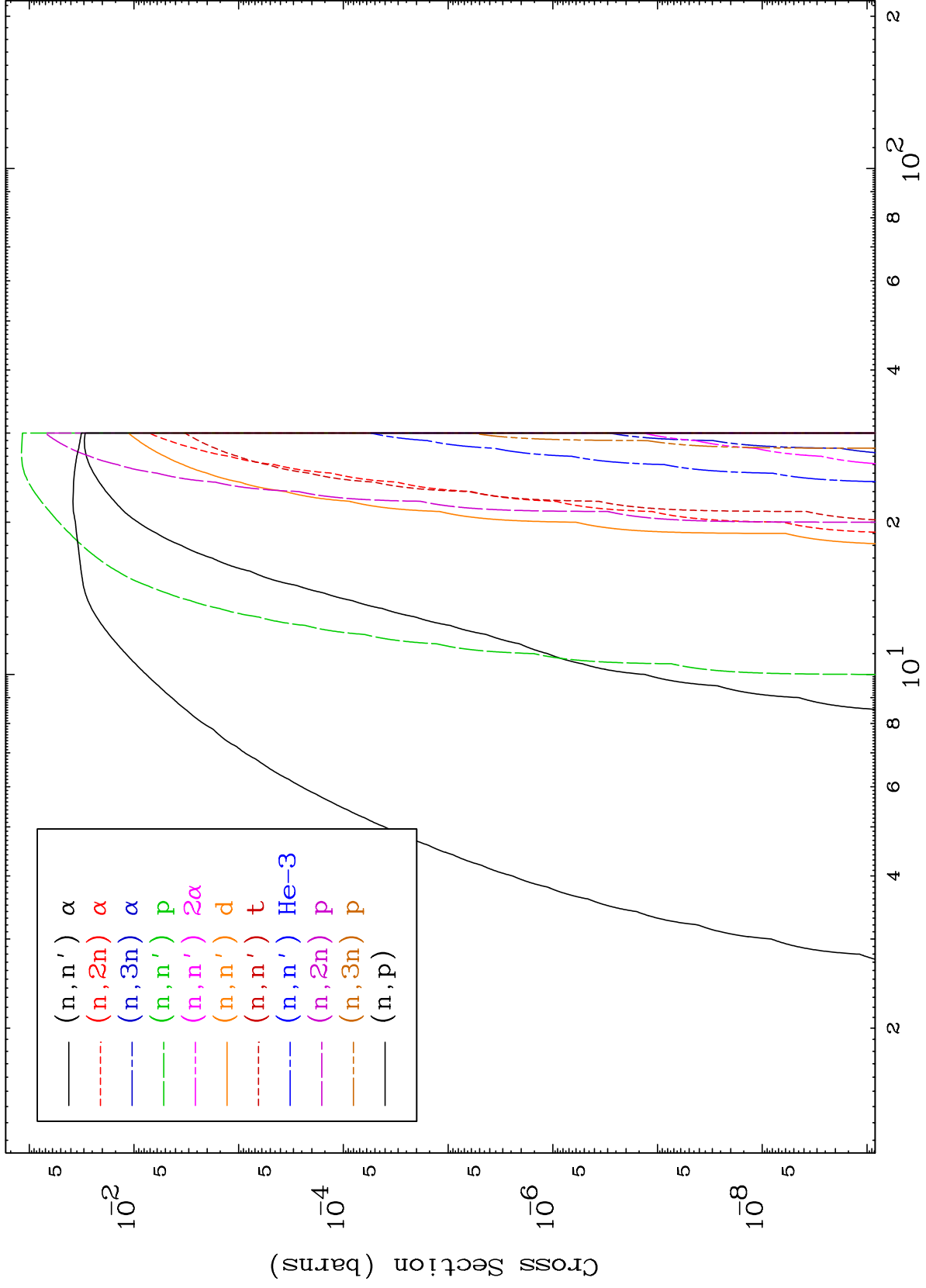
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

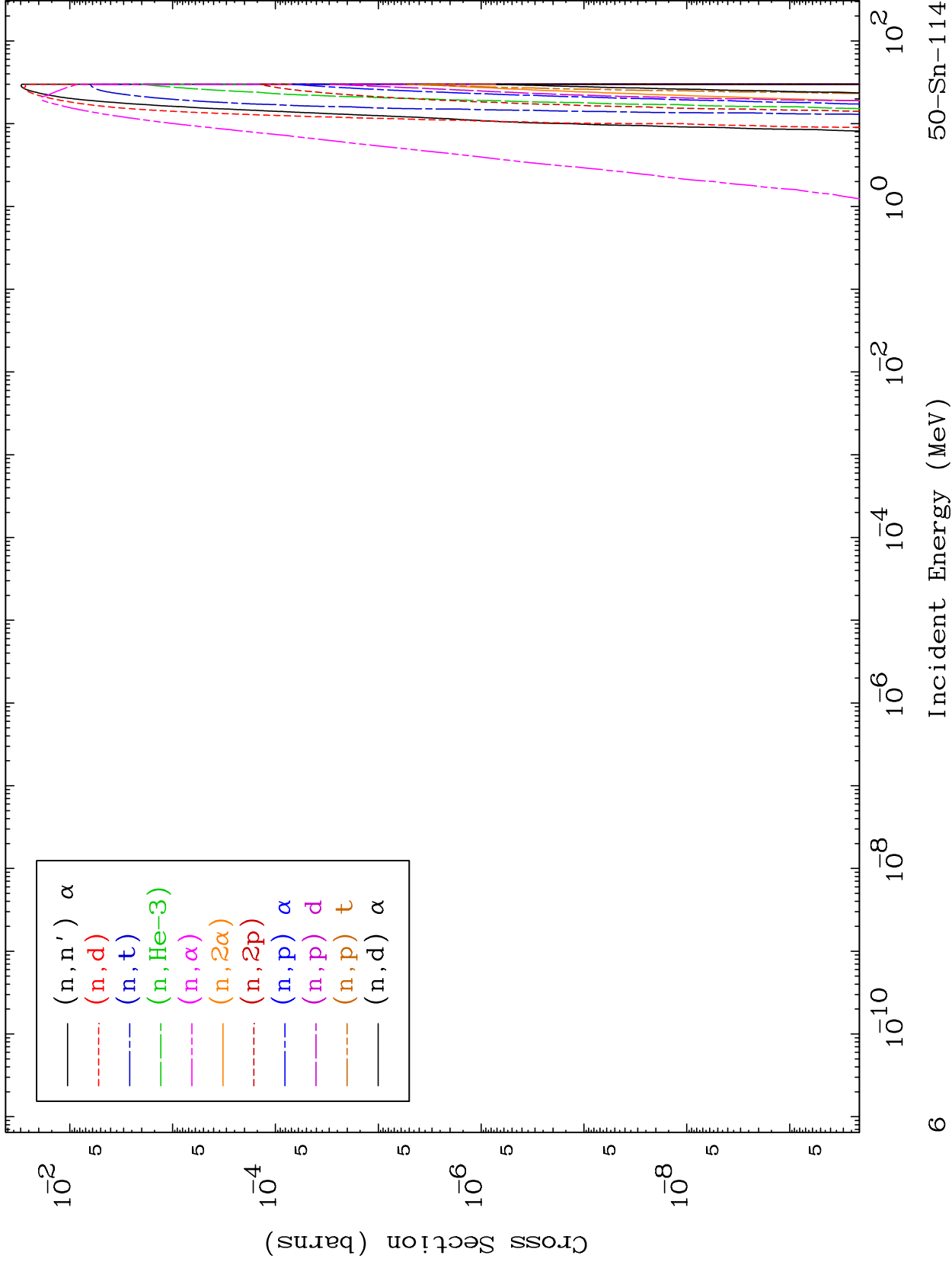
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

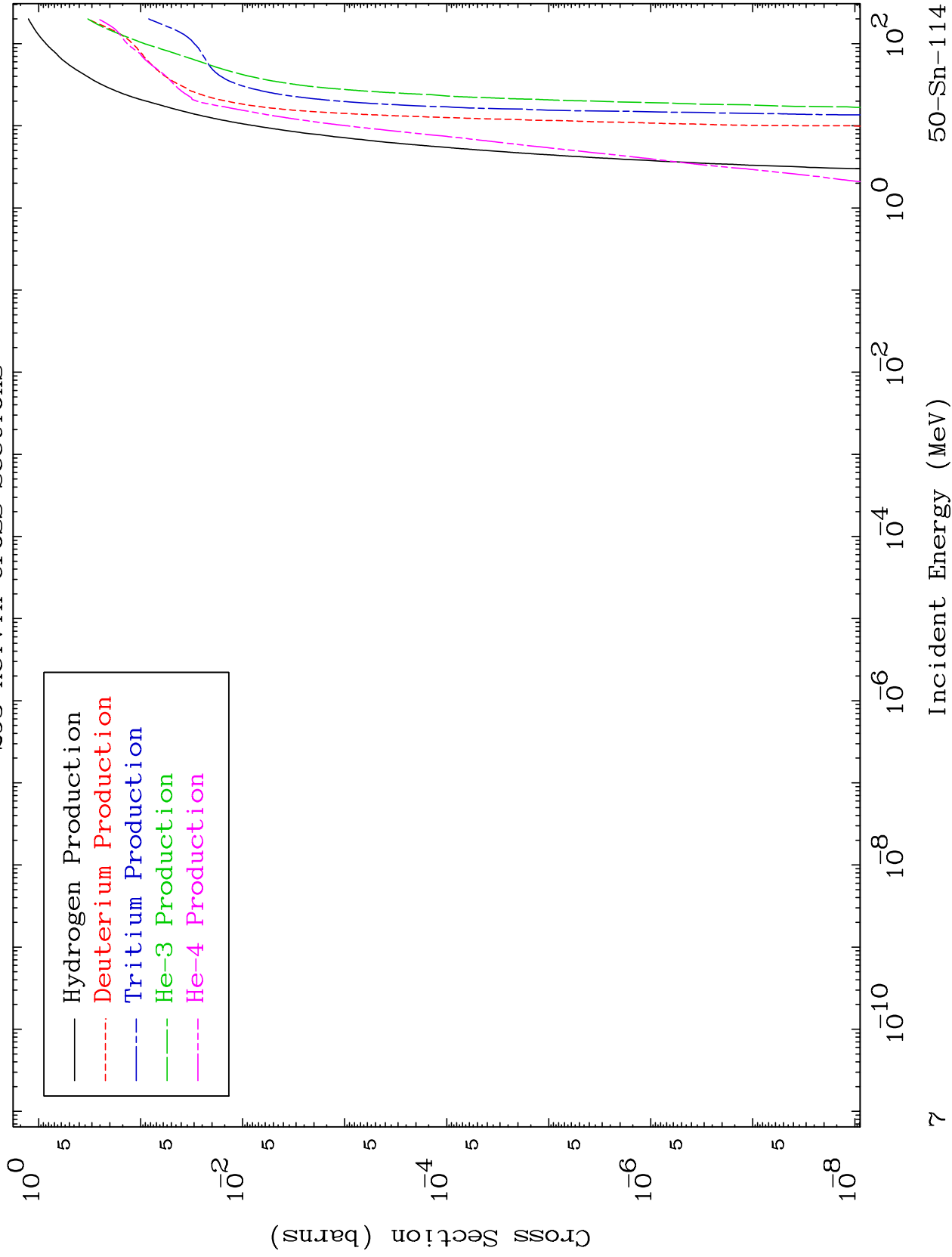
50-Sn-114



MAT 5031

Particle Production
293 Kelvin Cross Sections

50-Sn-114

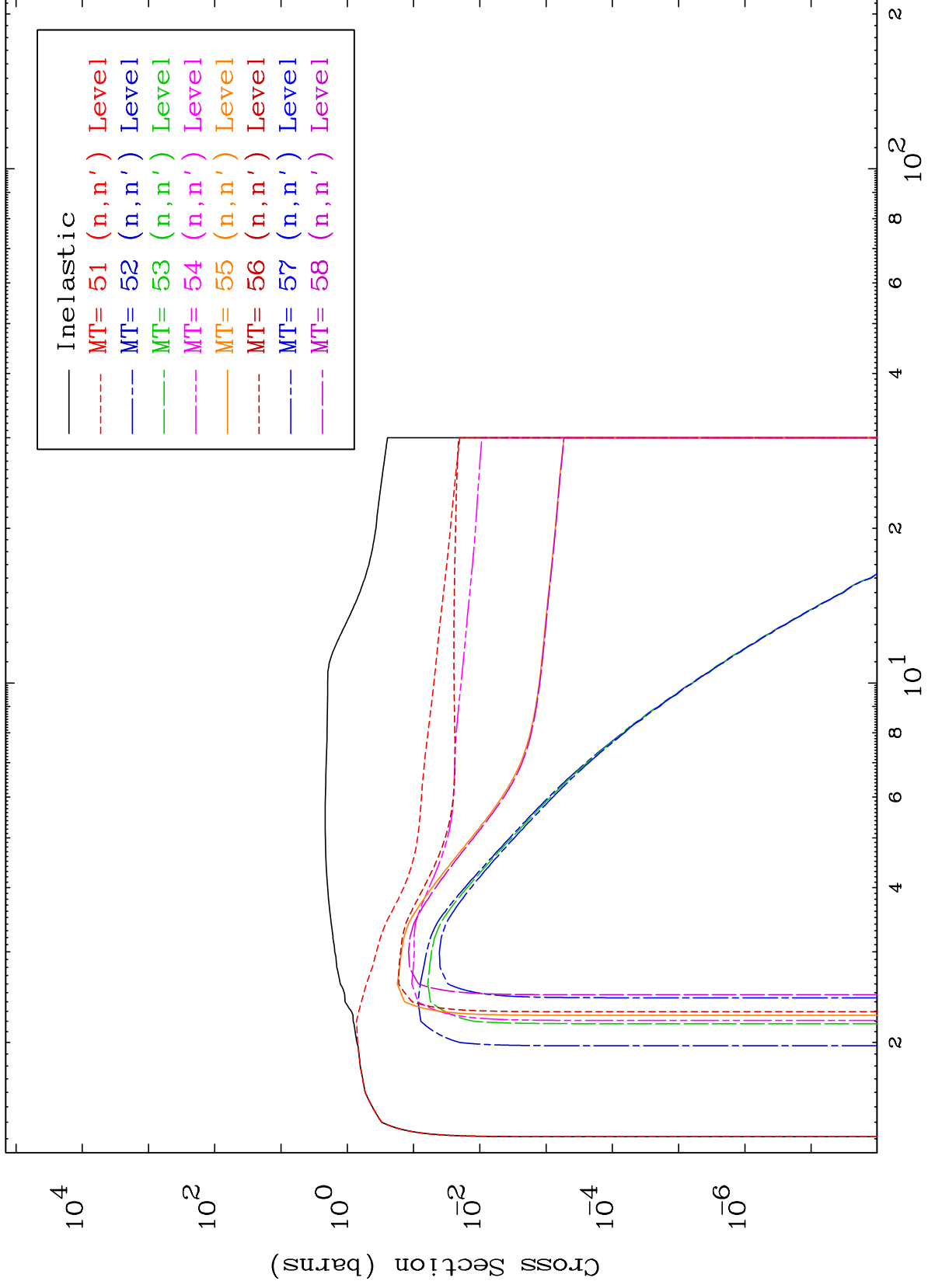


MAT 5031

(n,n') Levels

50-Sn-114

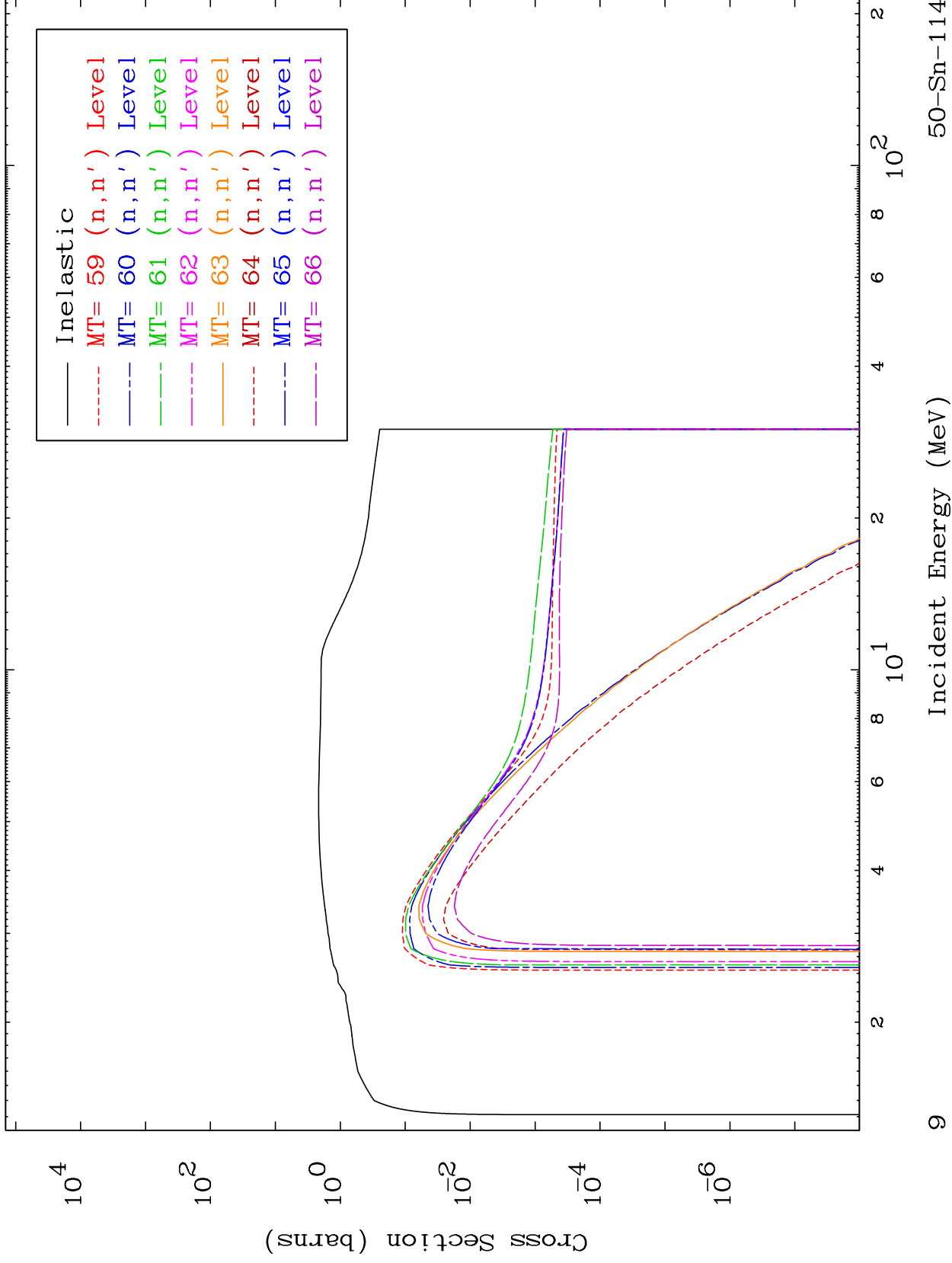
293 Kelvin Cross Sections



8

Incident Energy (MeV)

50-Sn-114

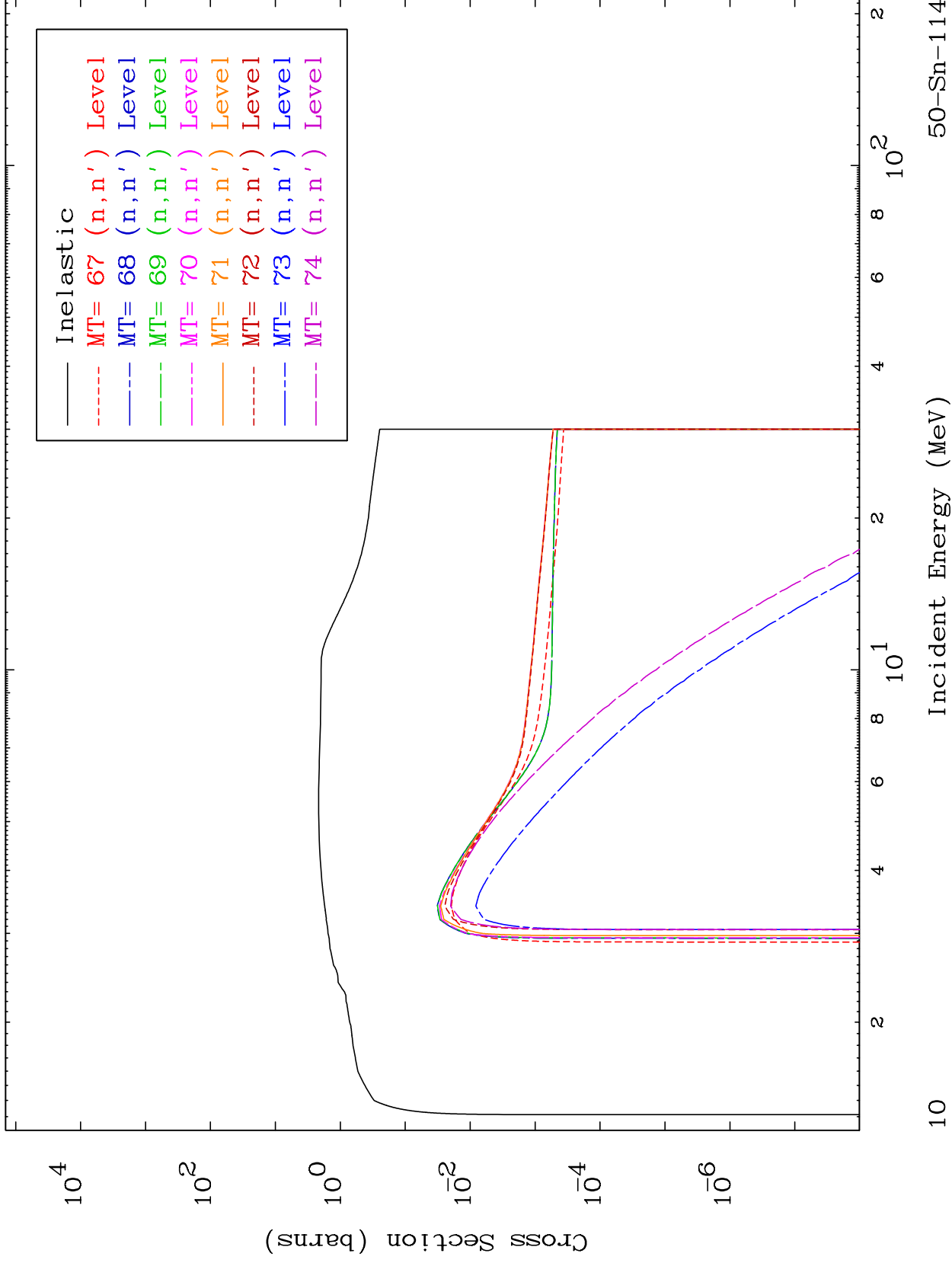


MAT 5031

(n,n') Levels

50-Sn-114

293 Kelvin Cross Sections



10

Incident Energy (MeV)

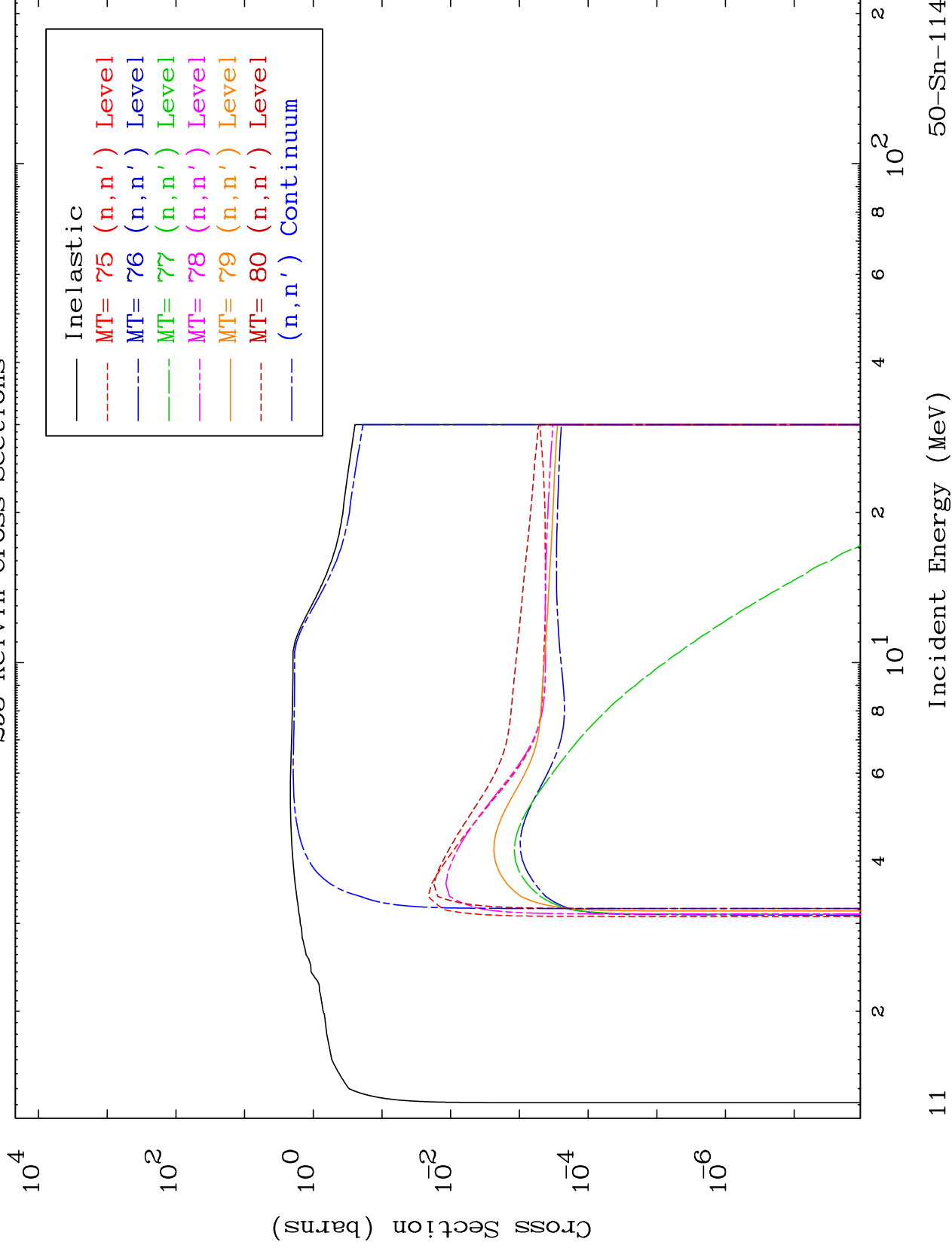
50-Sn-114

MAT 5031

(n,n') Levels

293 Kelvin Cross Sections

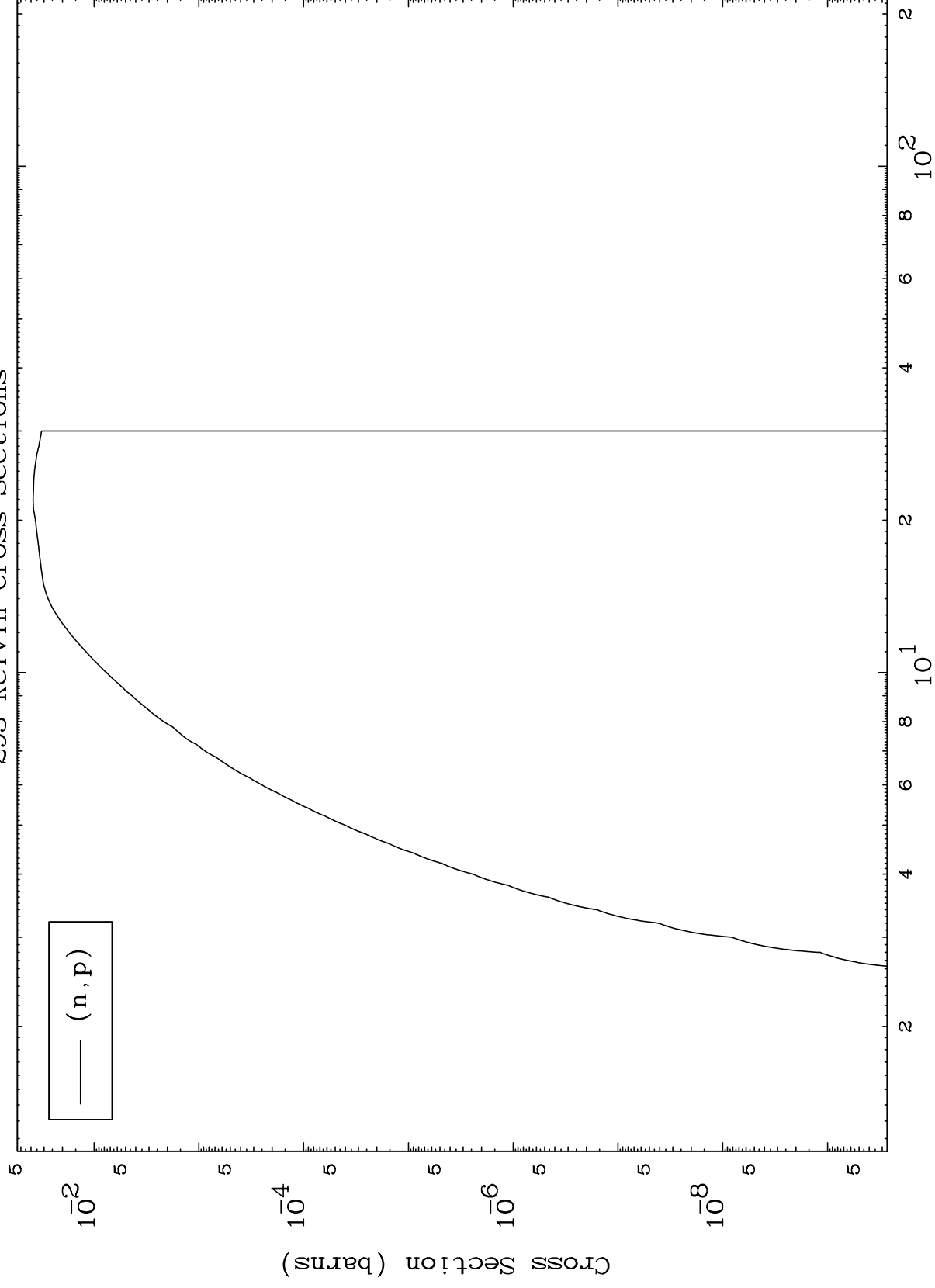
50-Sn-114



MAT 5031

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-114



12

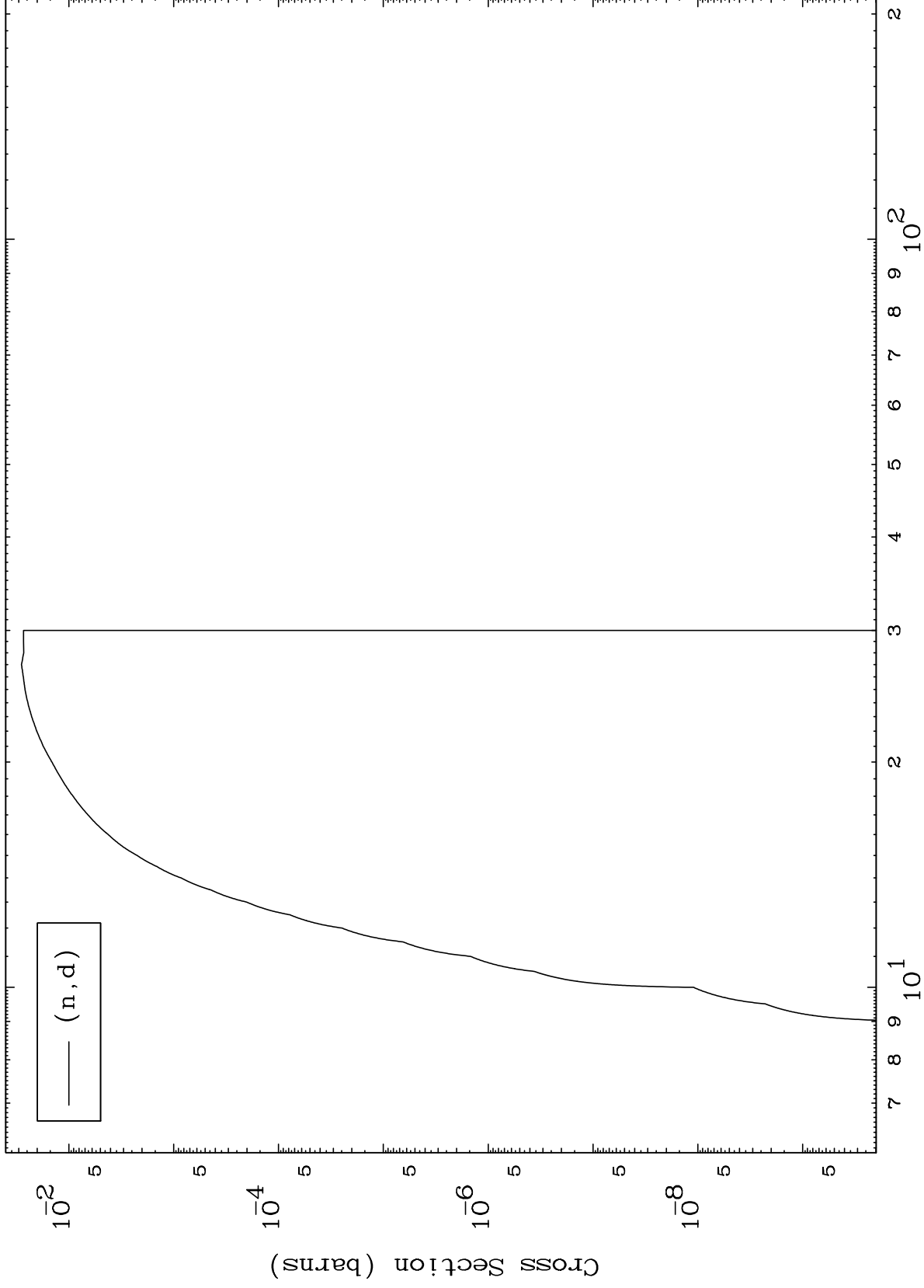
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-114



13

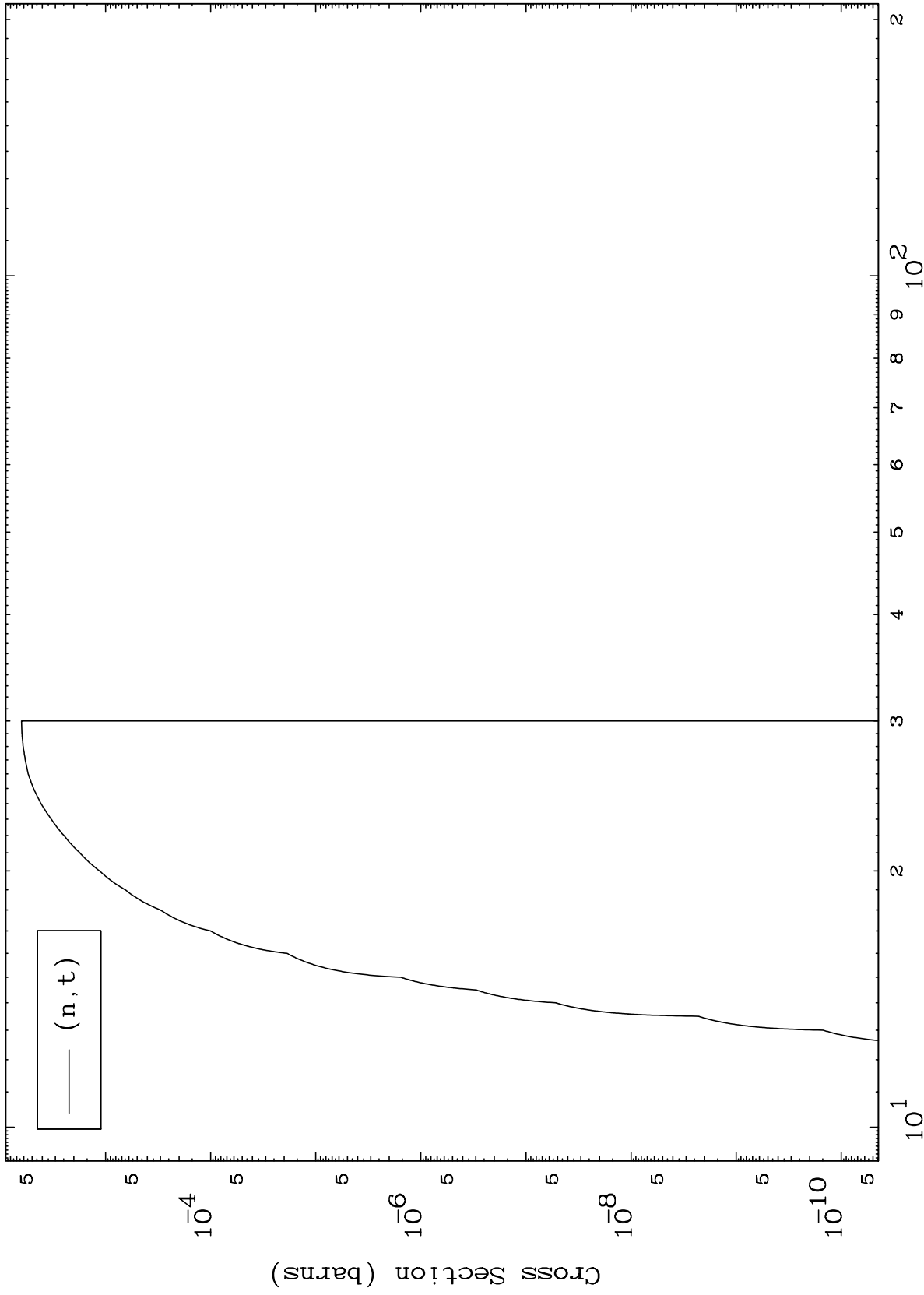
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-114



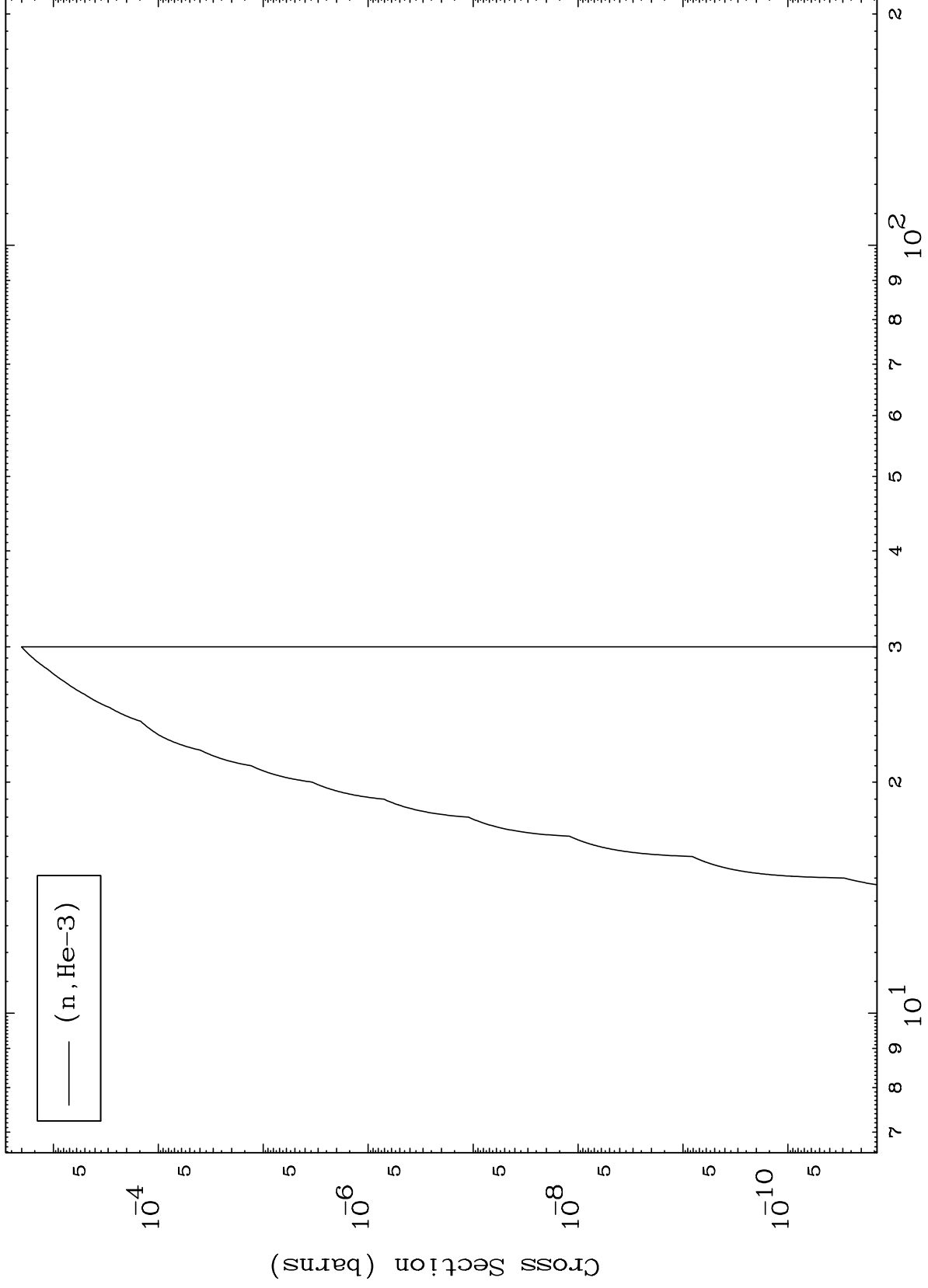
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-114



15

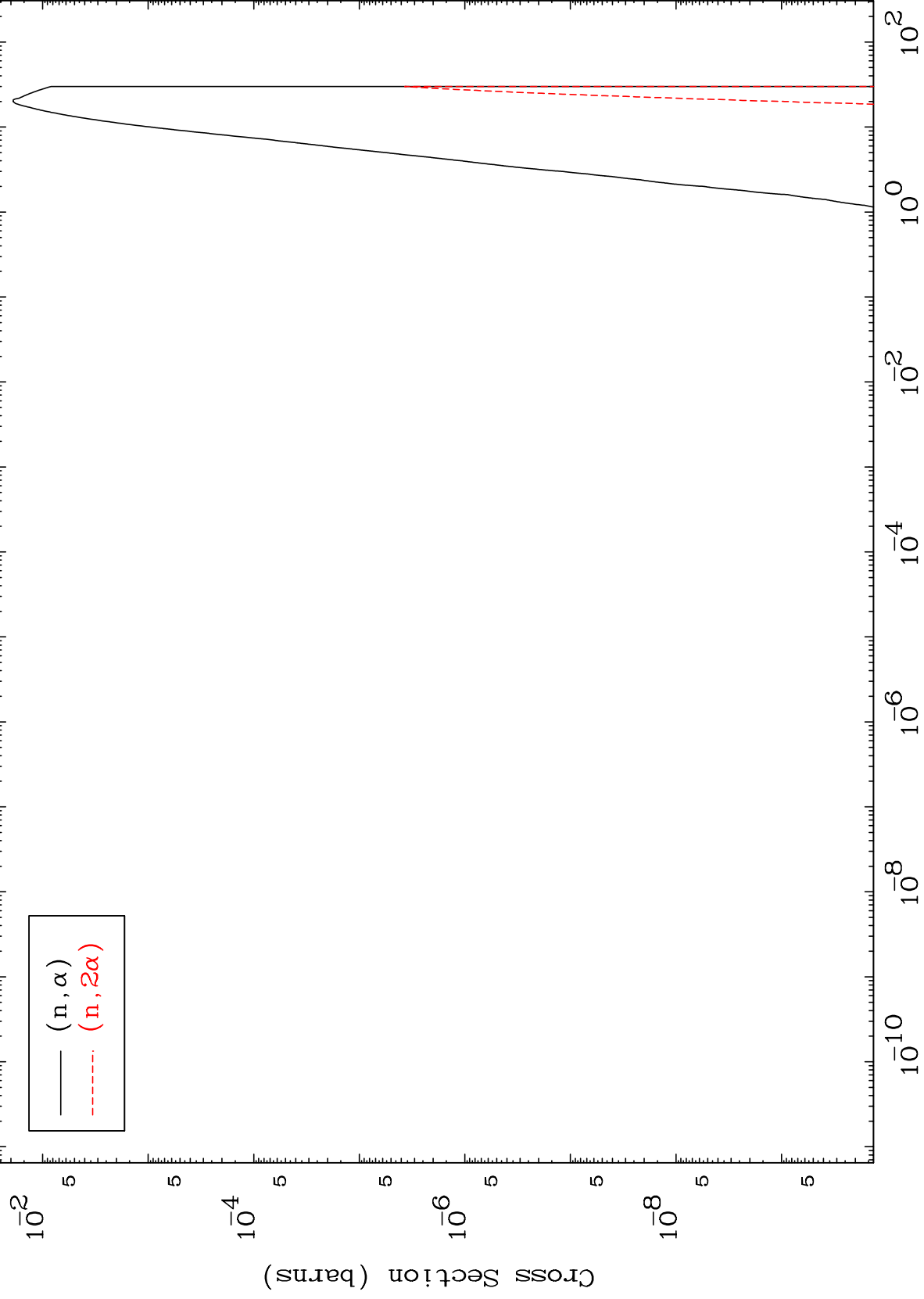
Incident Energy (MeV)

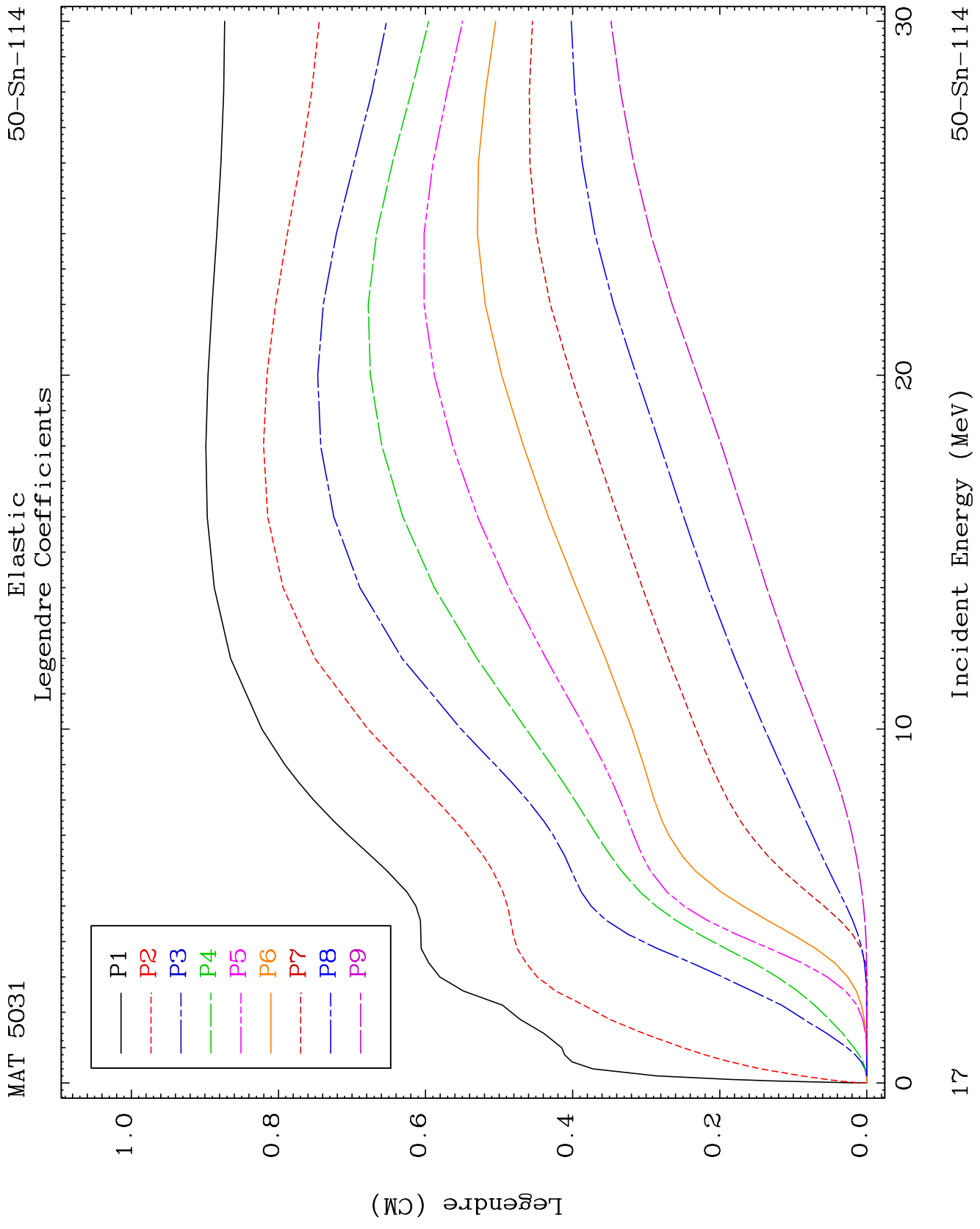
50-Sn-114

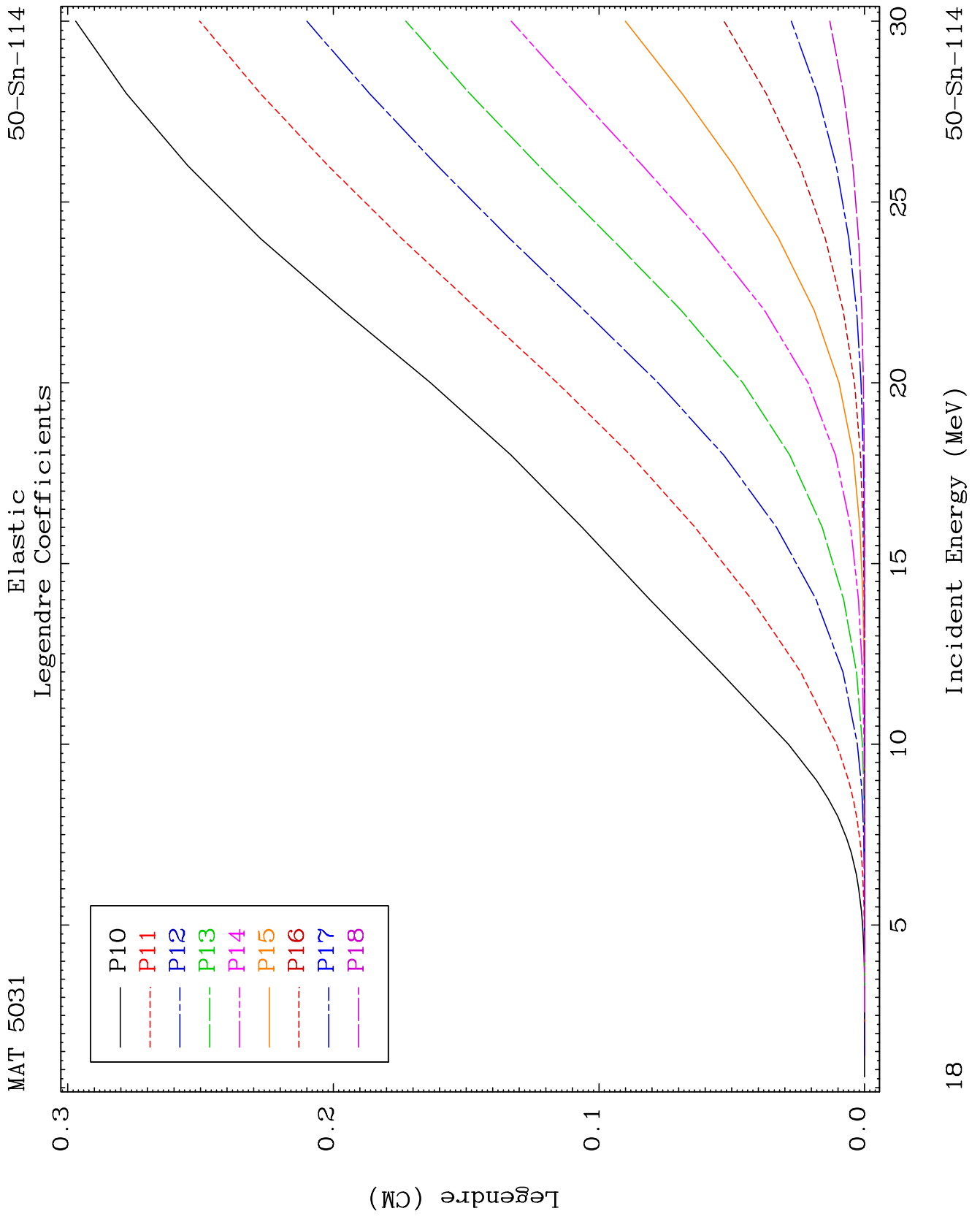
MAT 5031

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-114



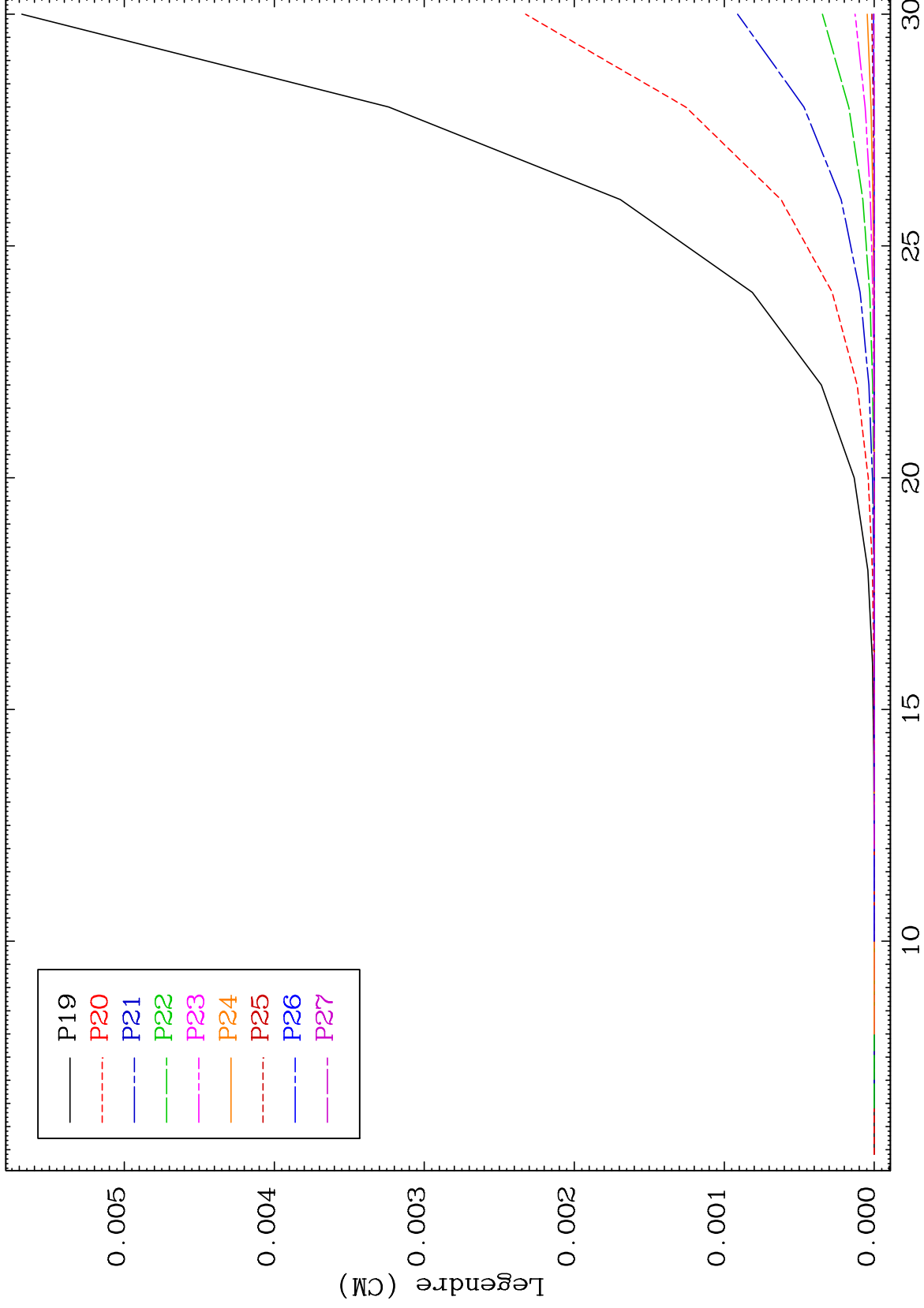




MAT 5031

Elastic
Legendre Coefficients

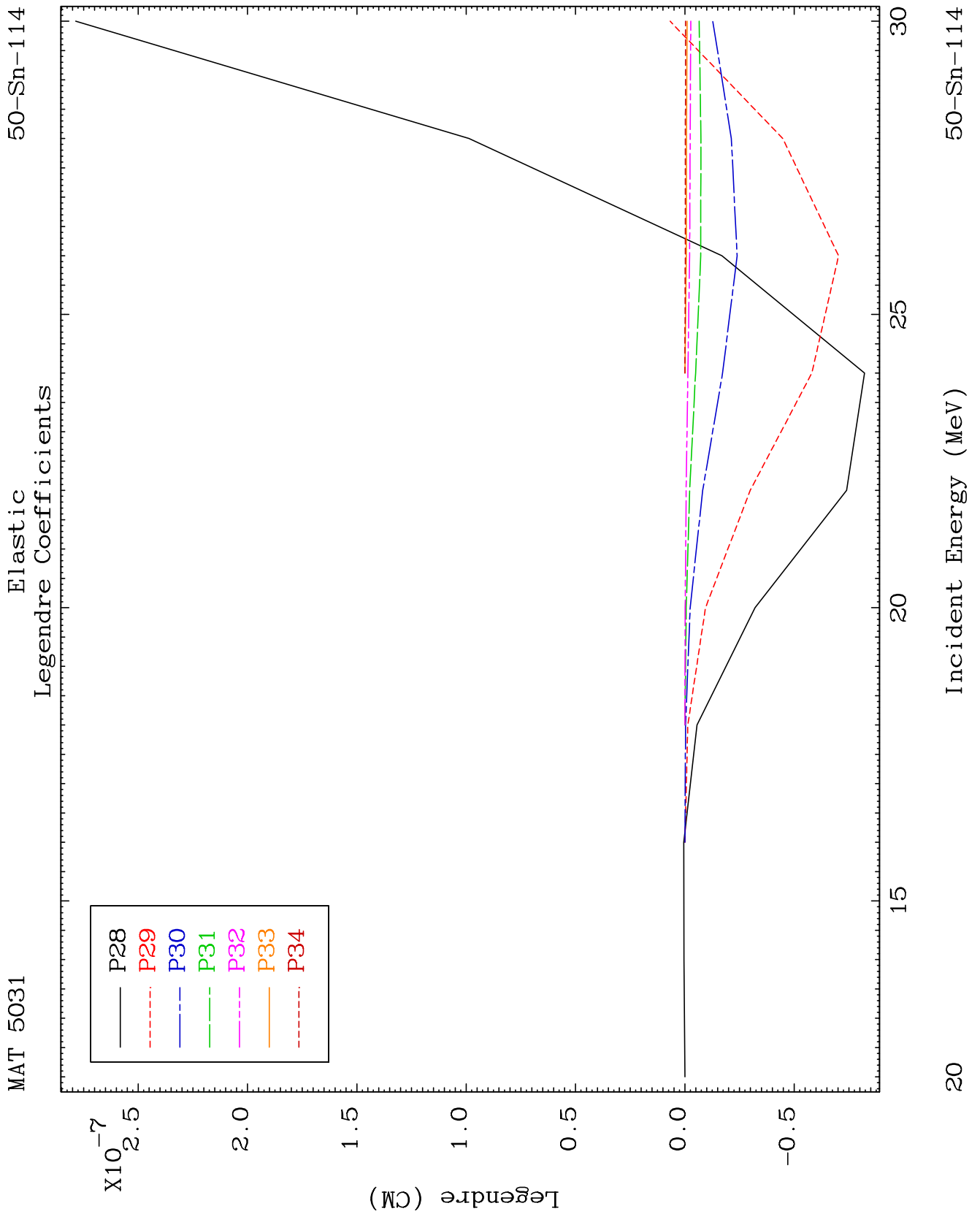
50-Sn-114

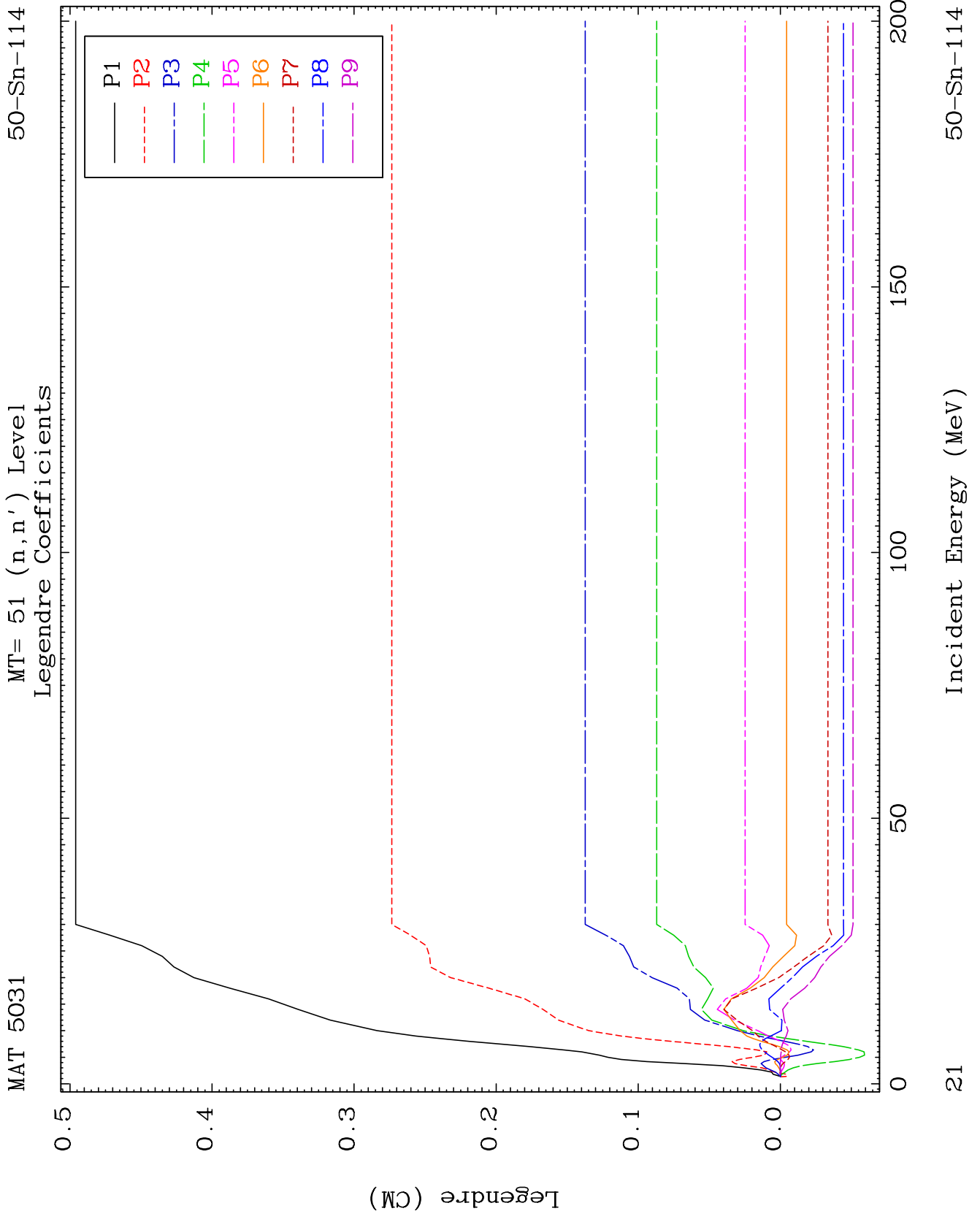


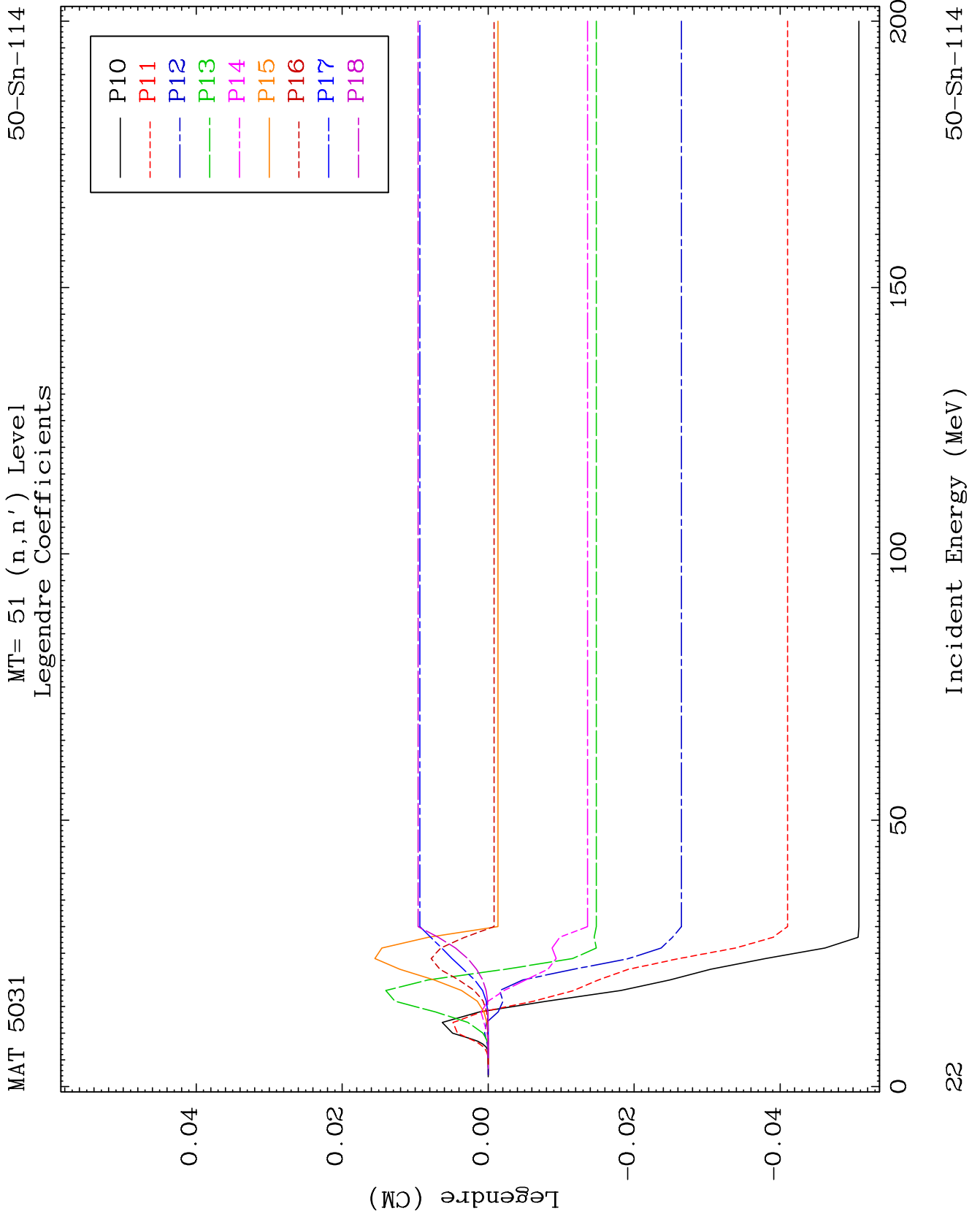
19

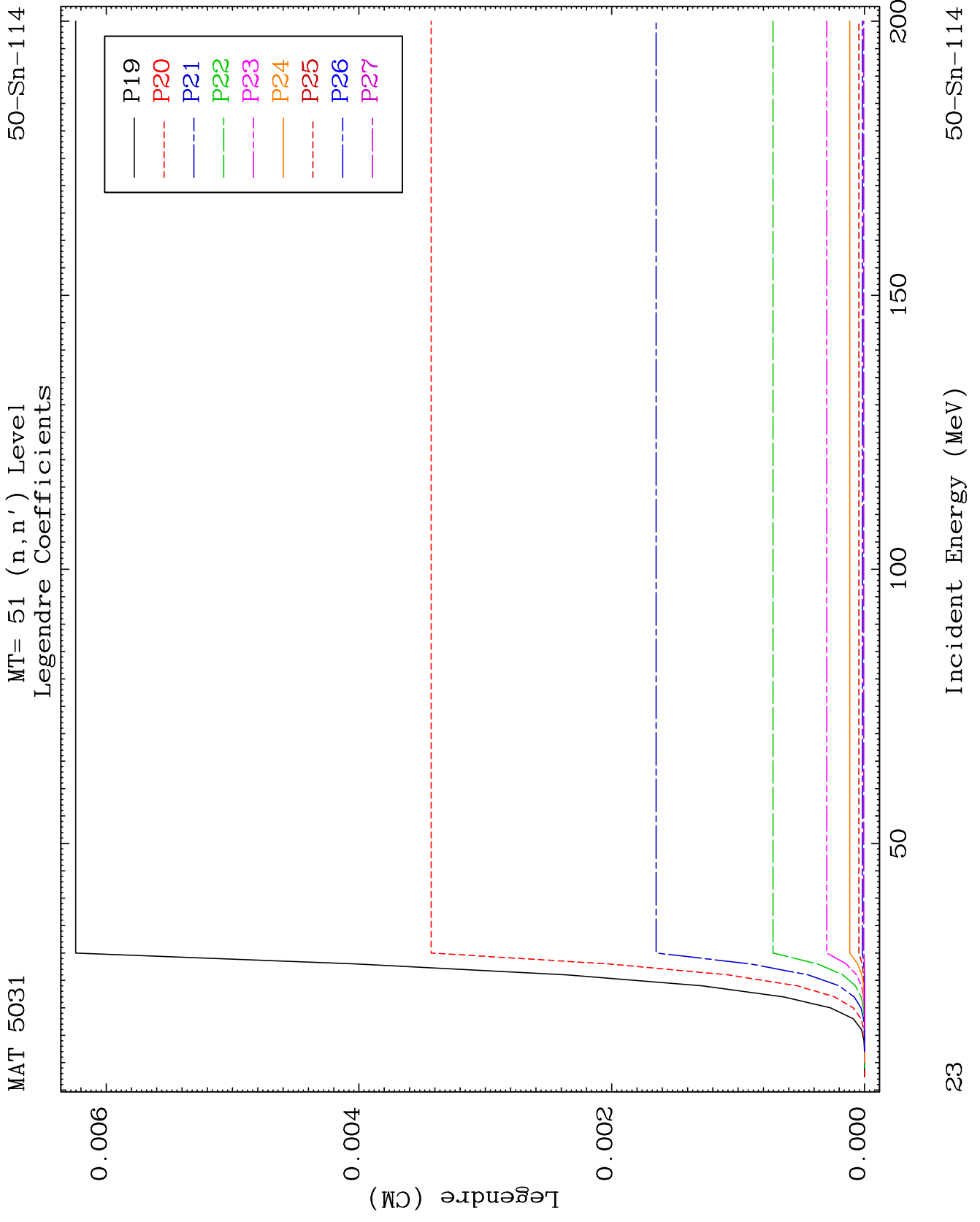
Incident Energy (MeV)

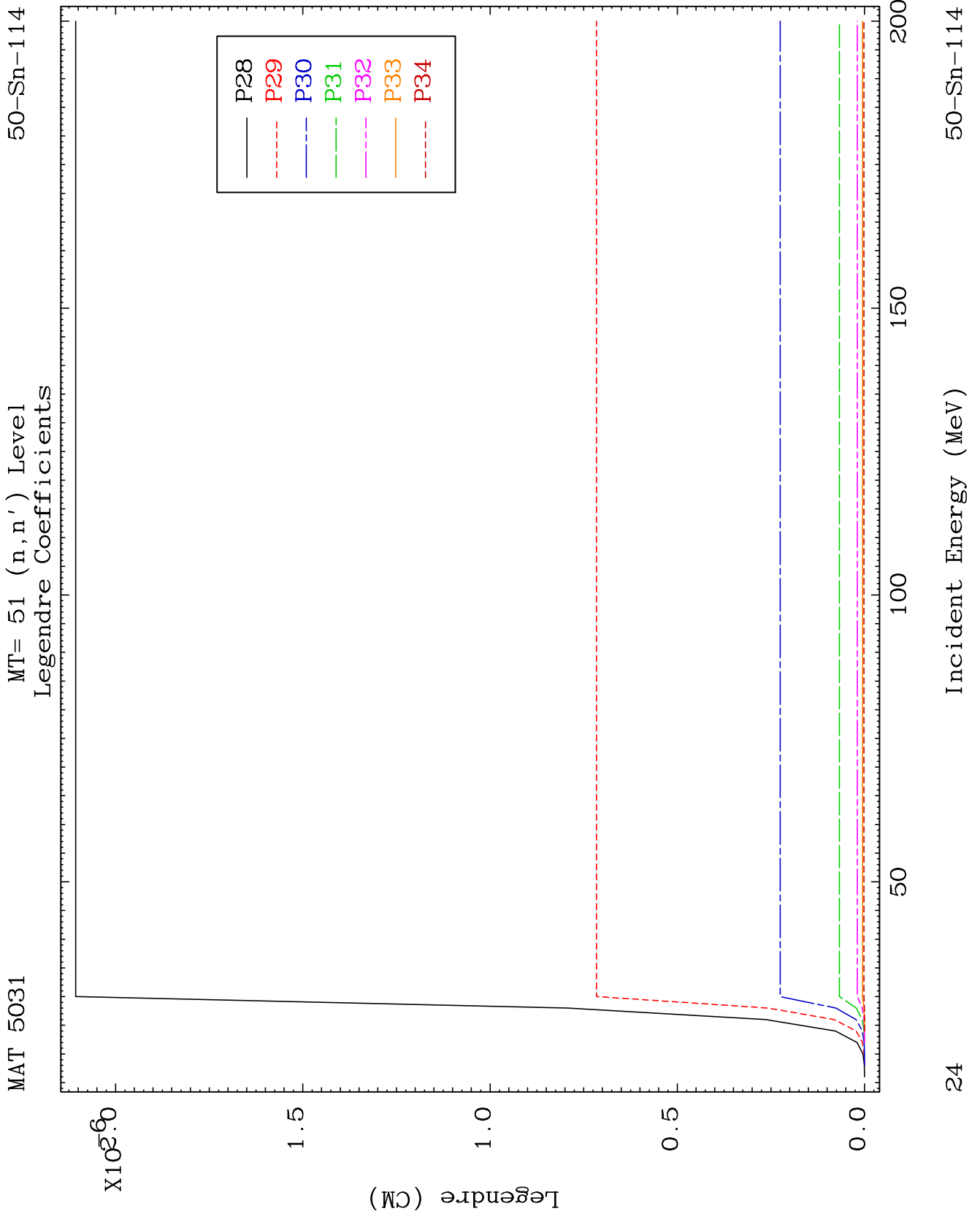
50-Sn-114

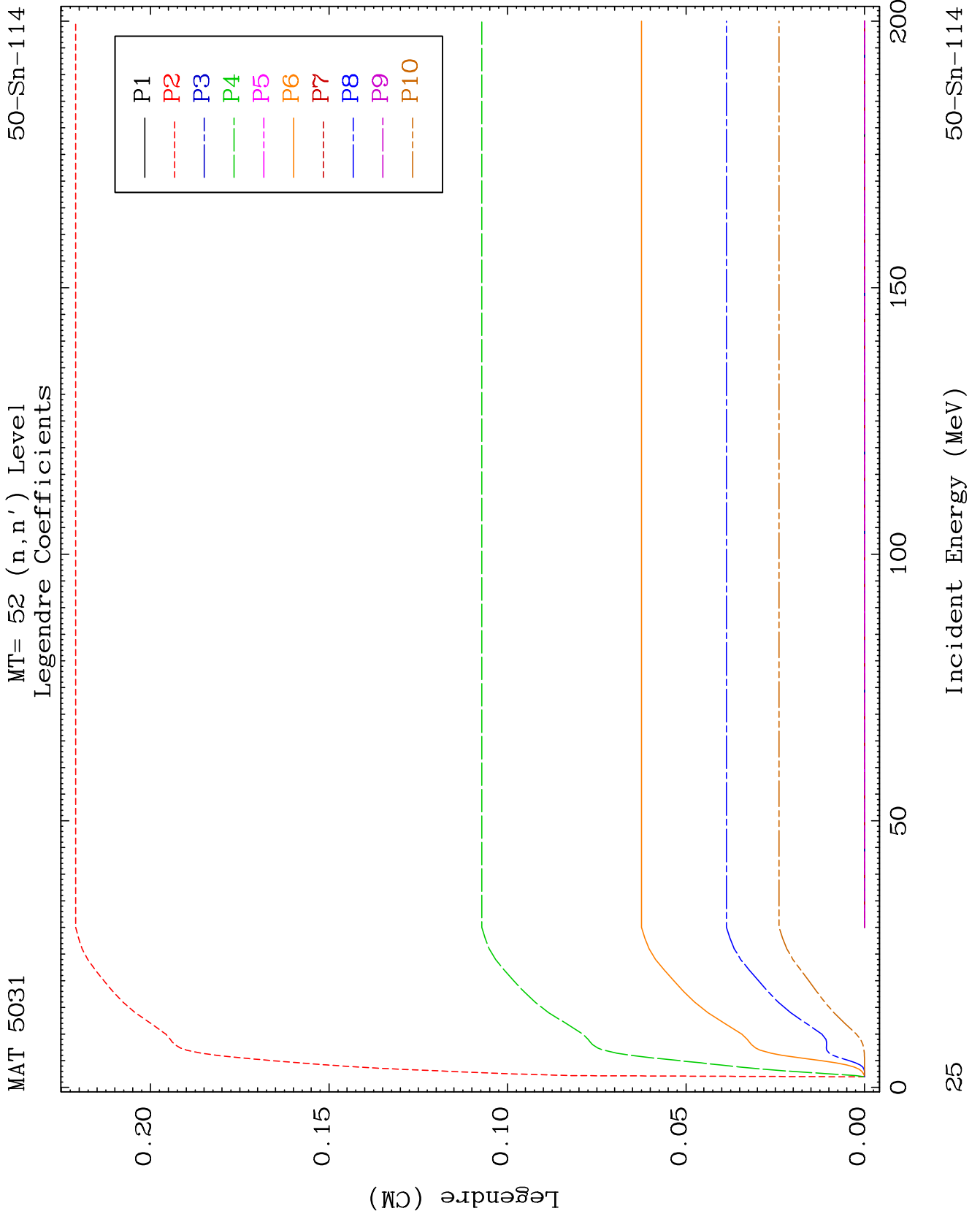


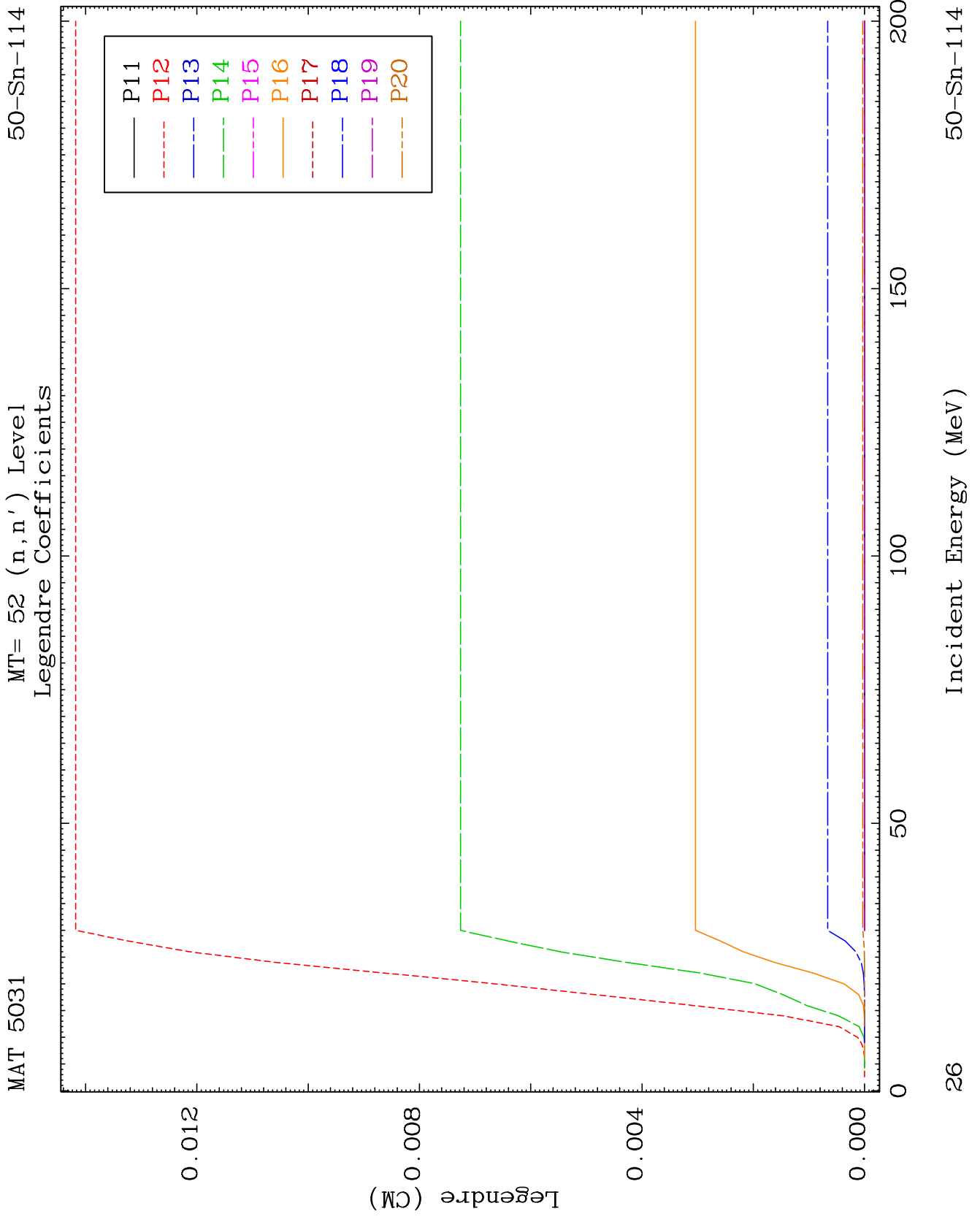


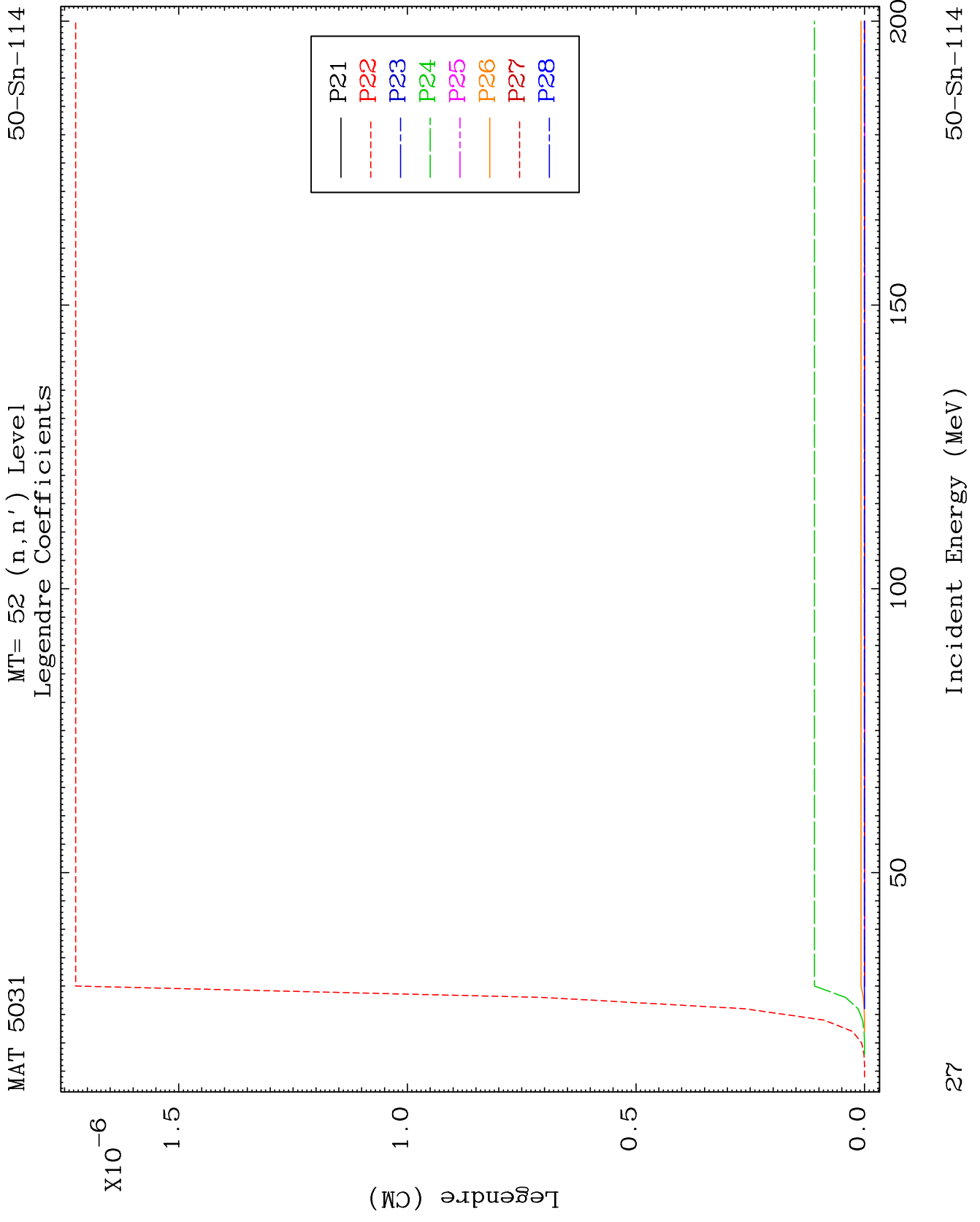


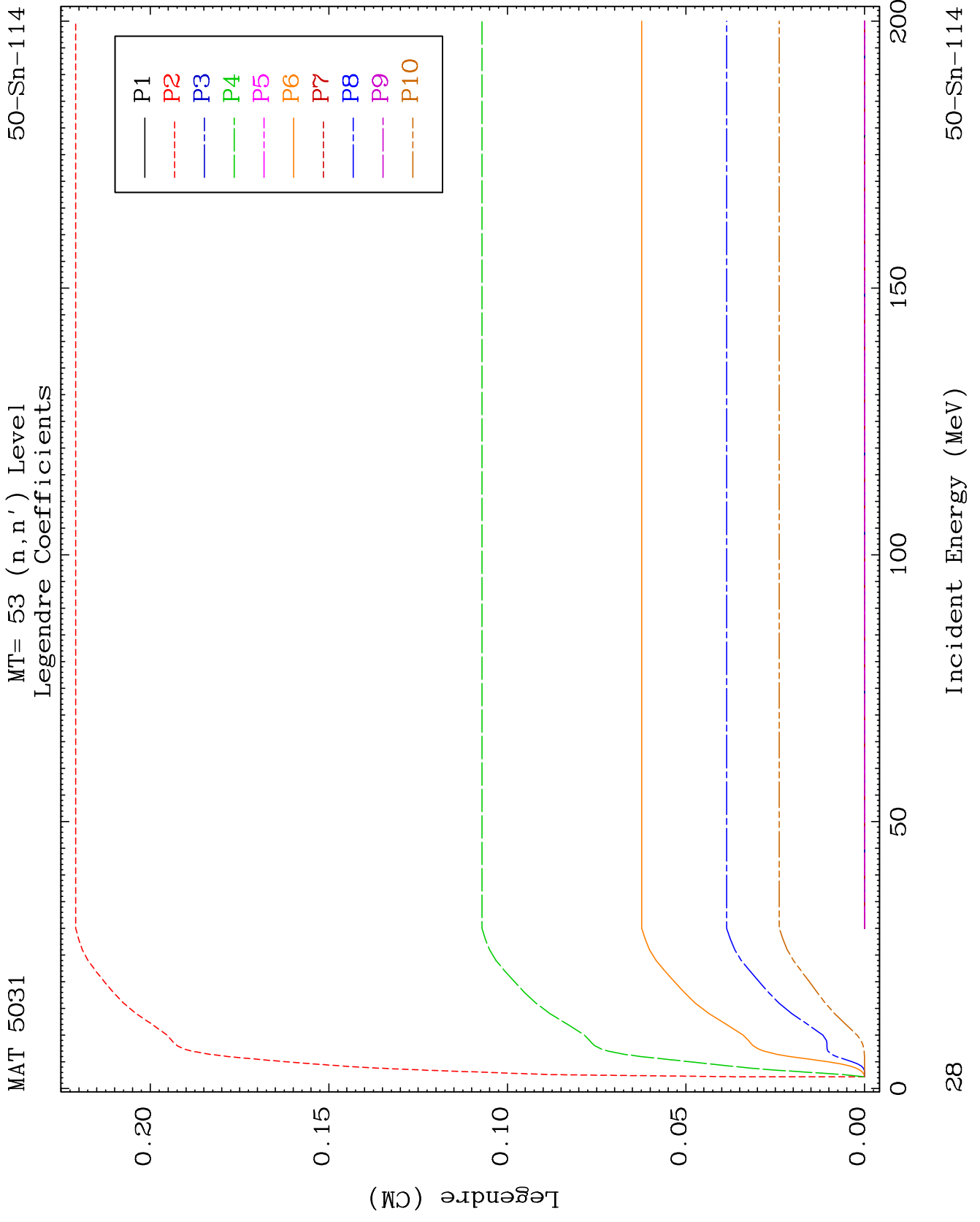


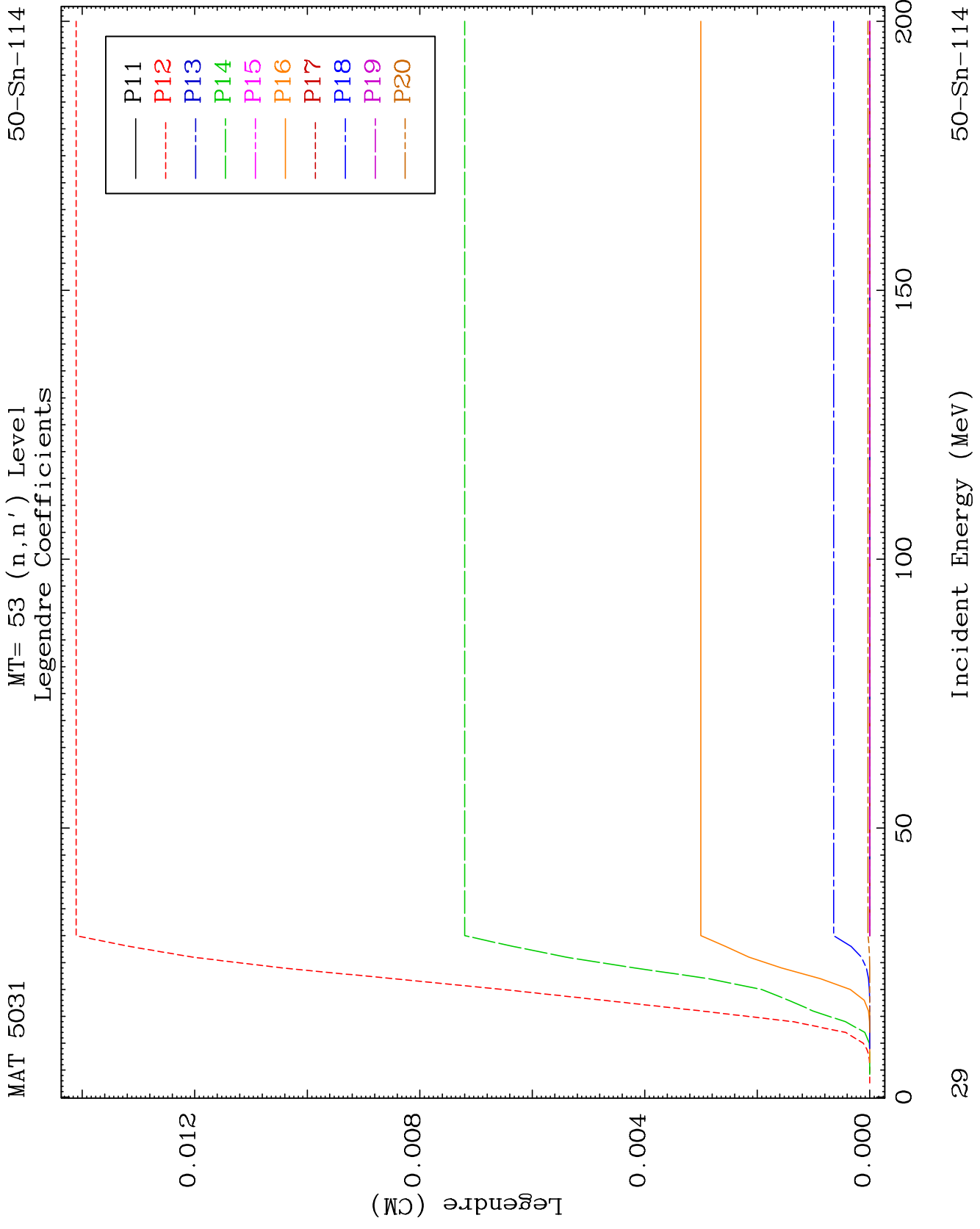


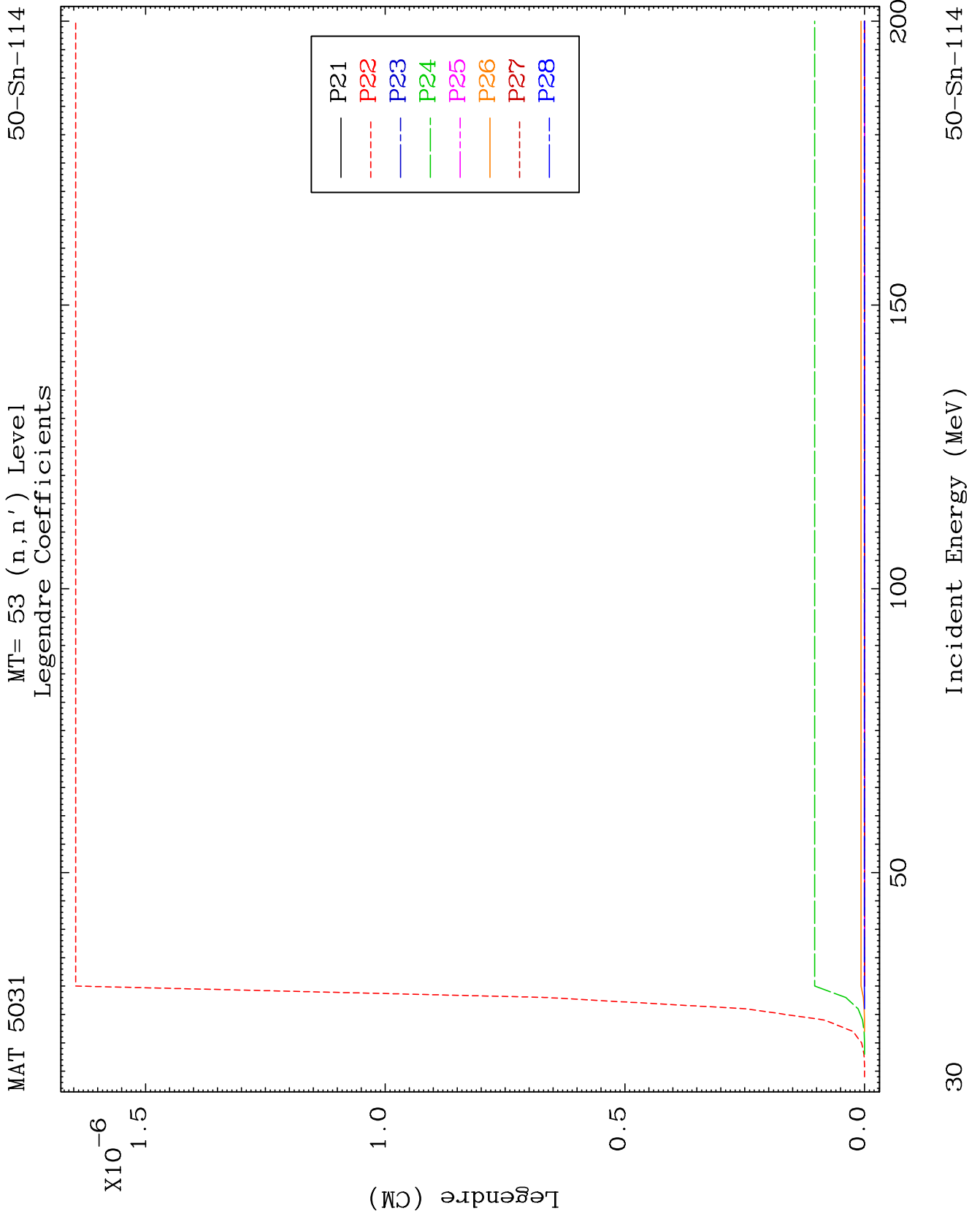








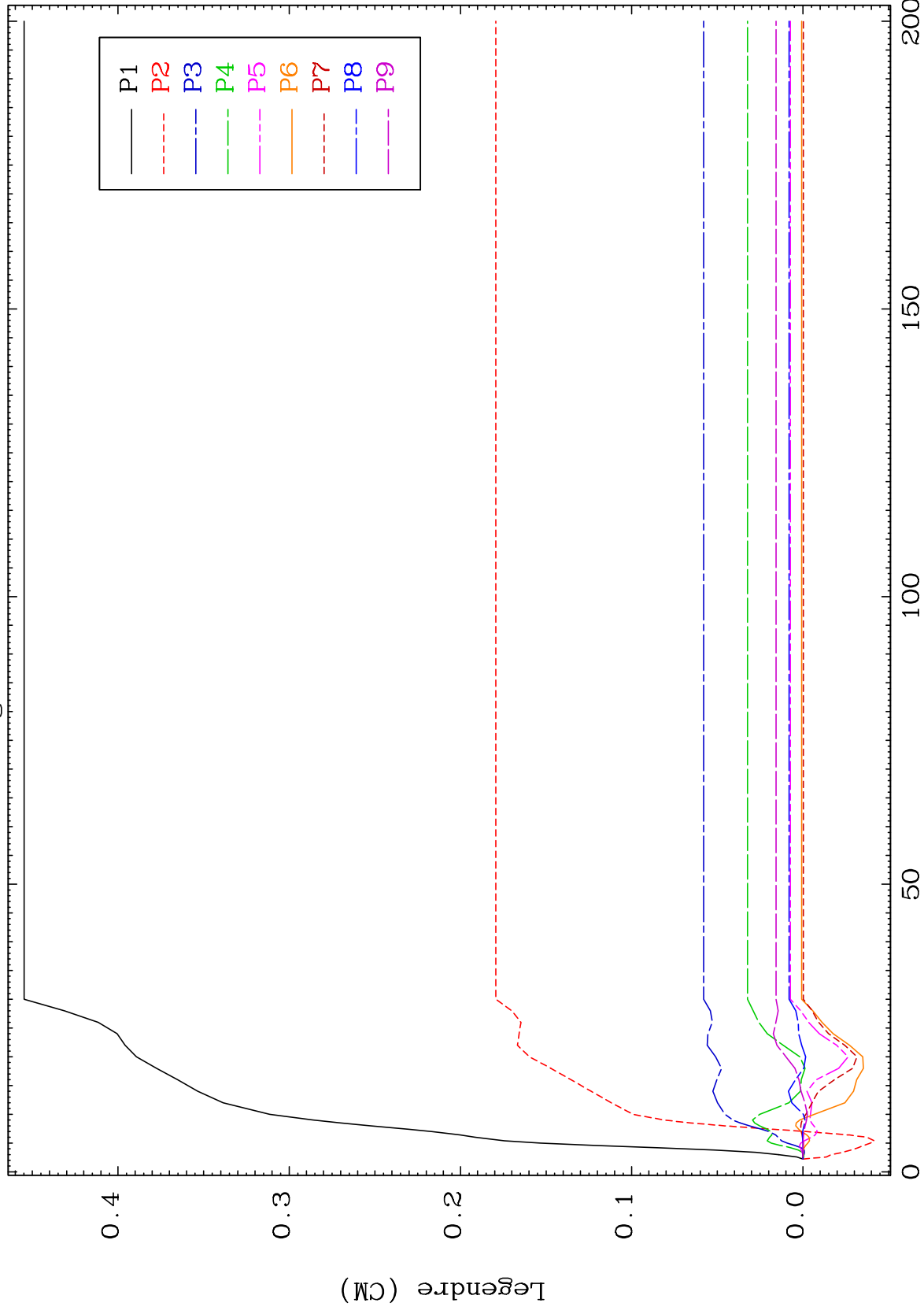




MAT 5031

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

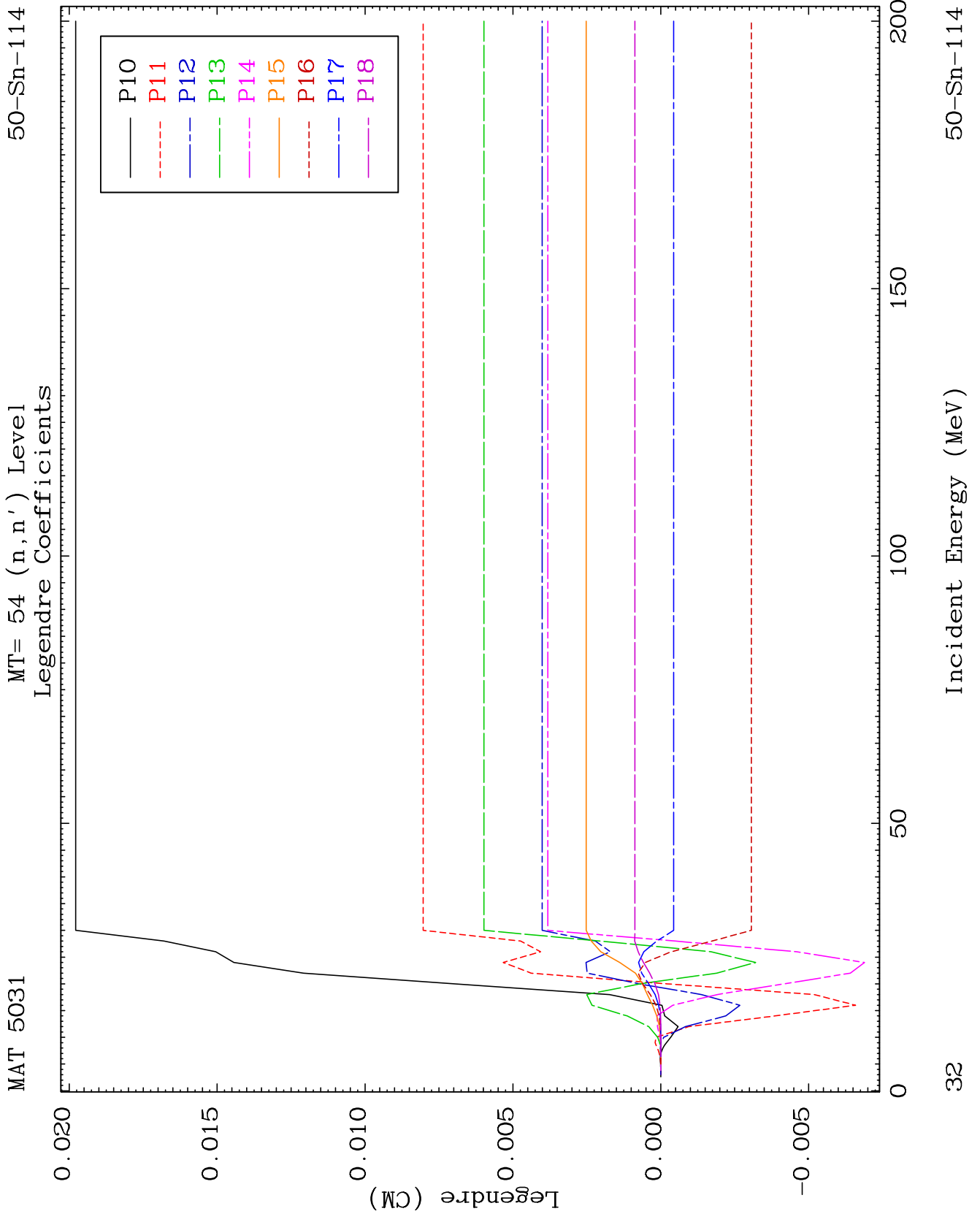
50-Sn-114



31

Incident Energy (MeV)

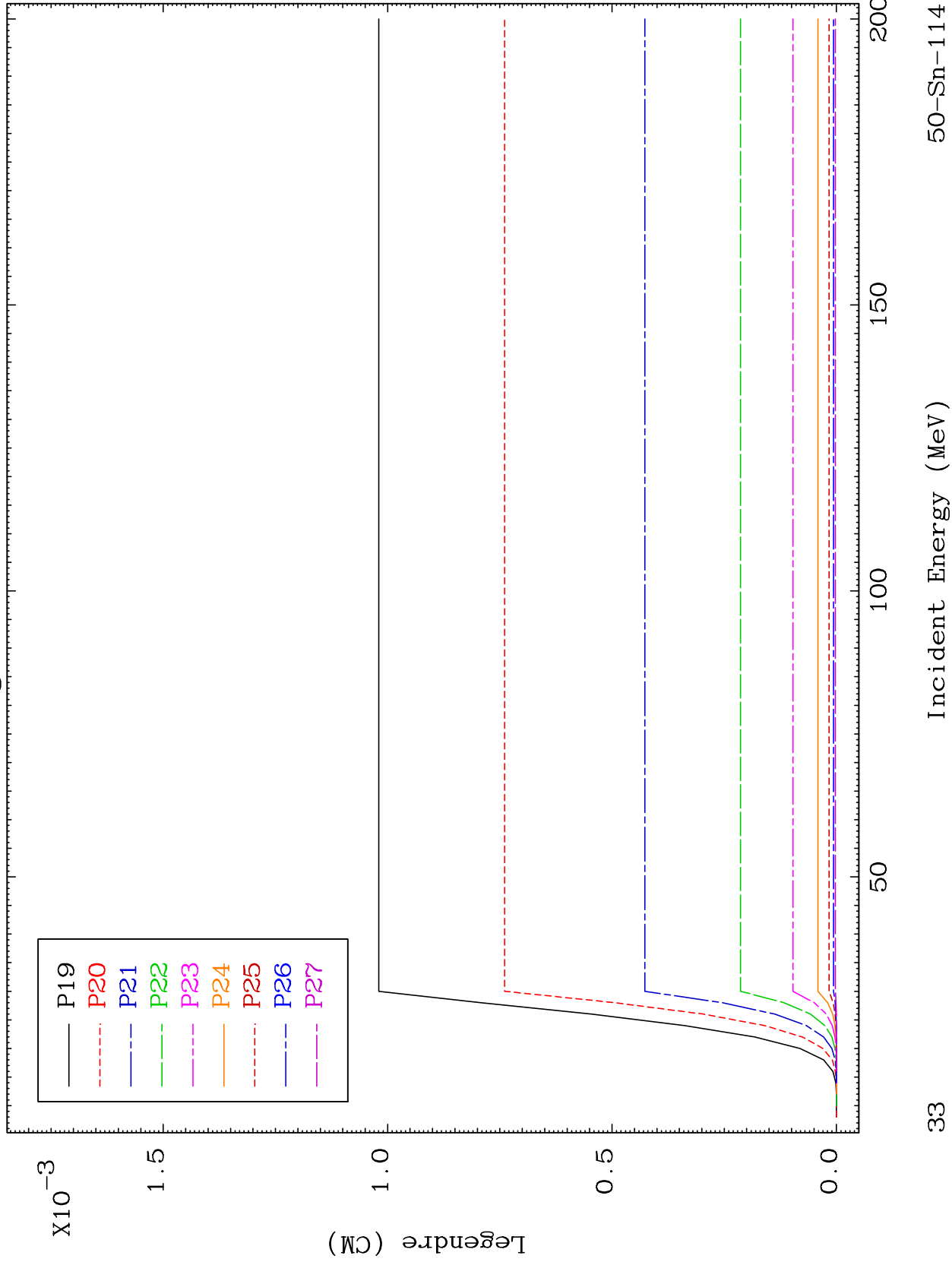
50-Sn-114

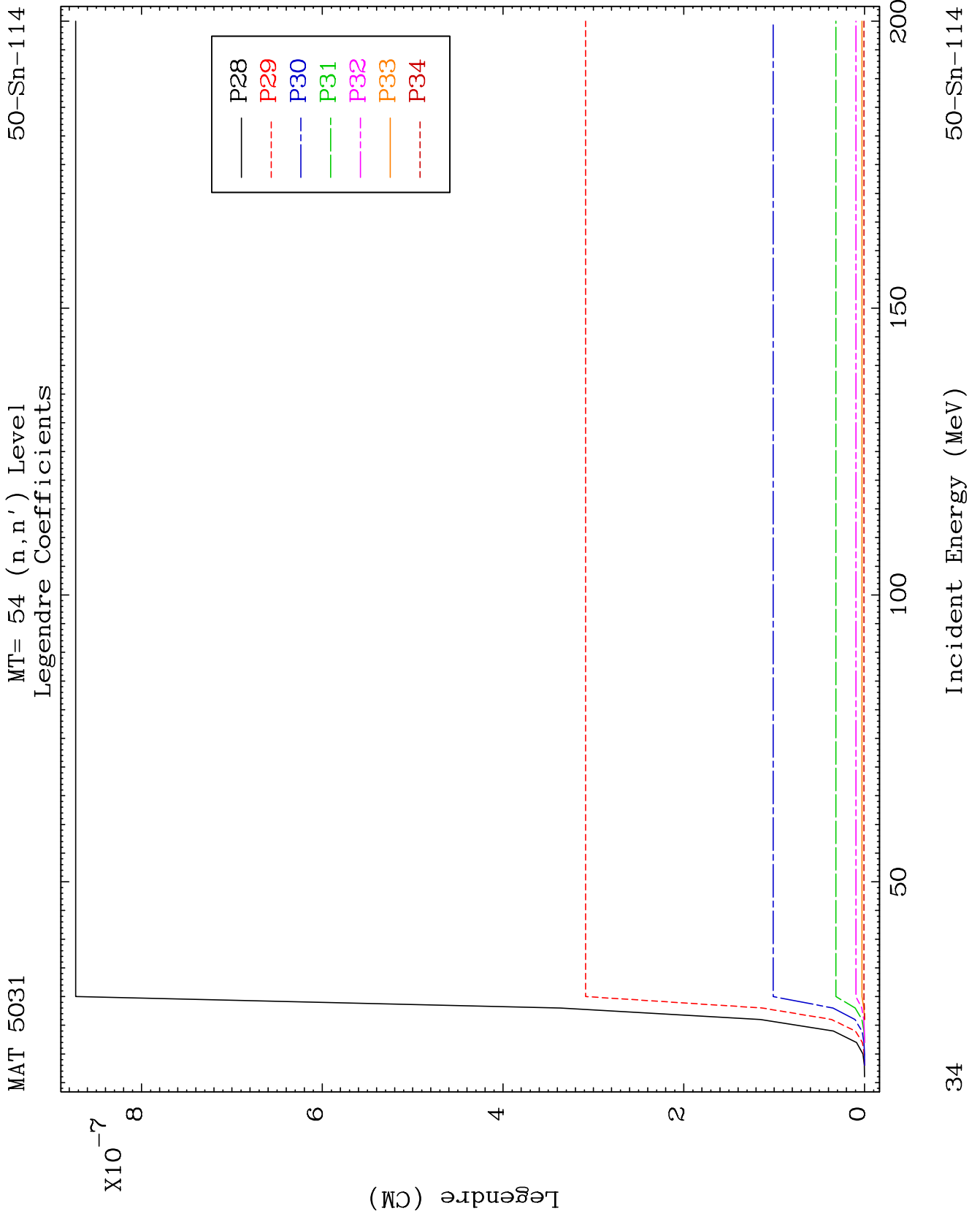


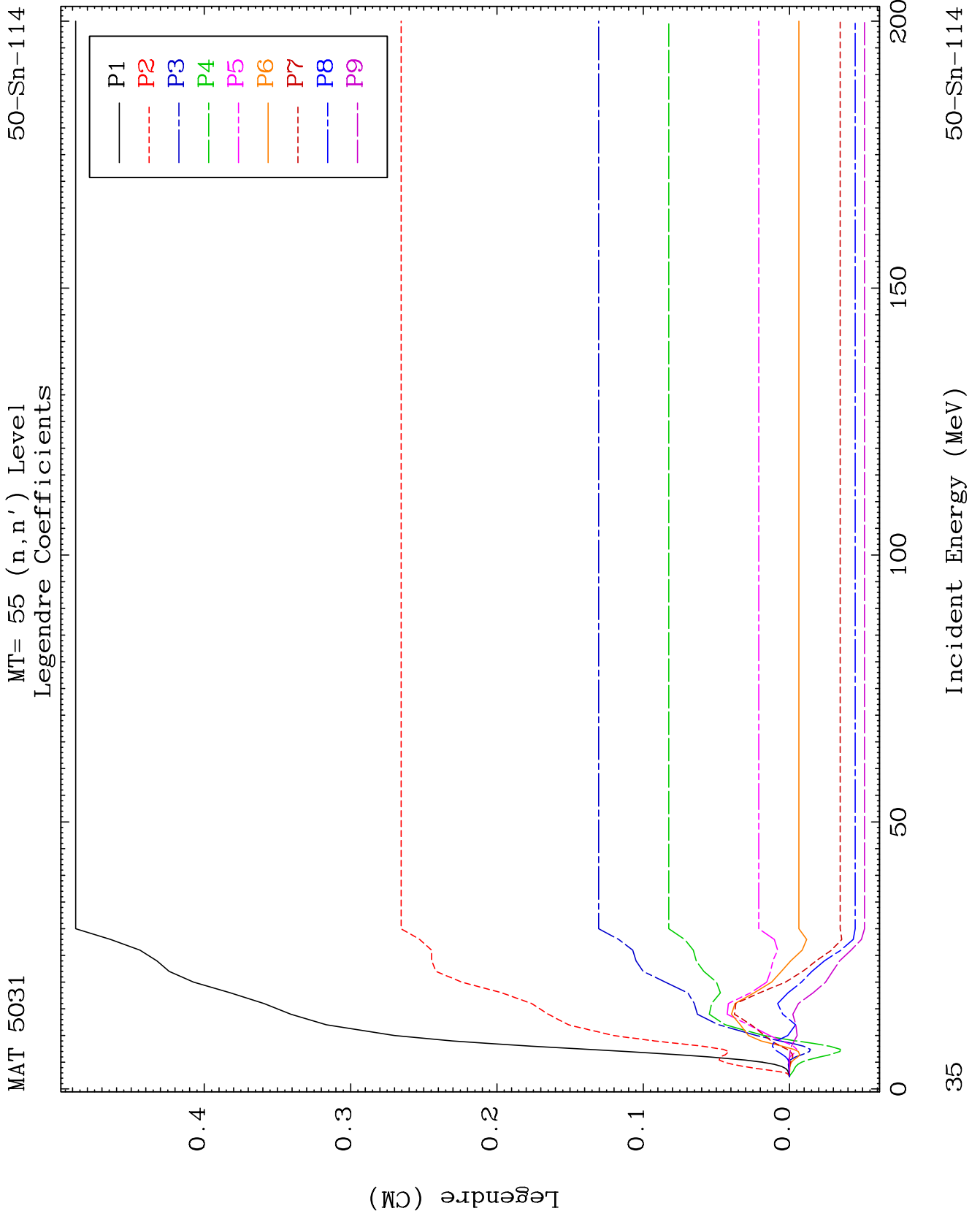
MAT 5031

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

50-Sn-114



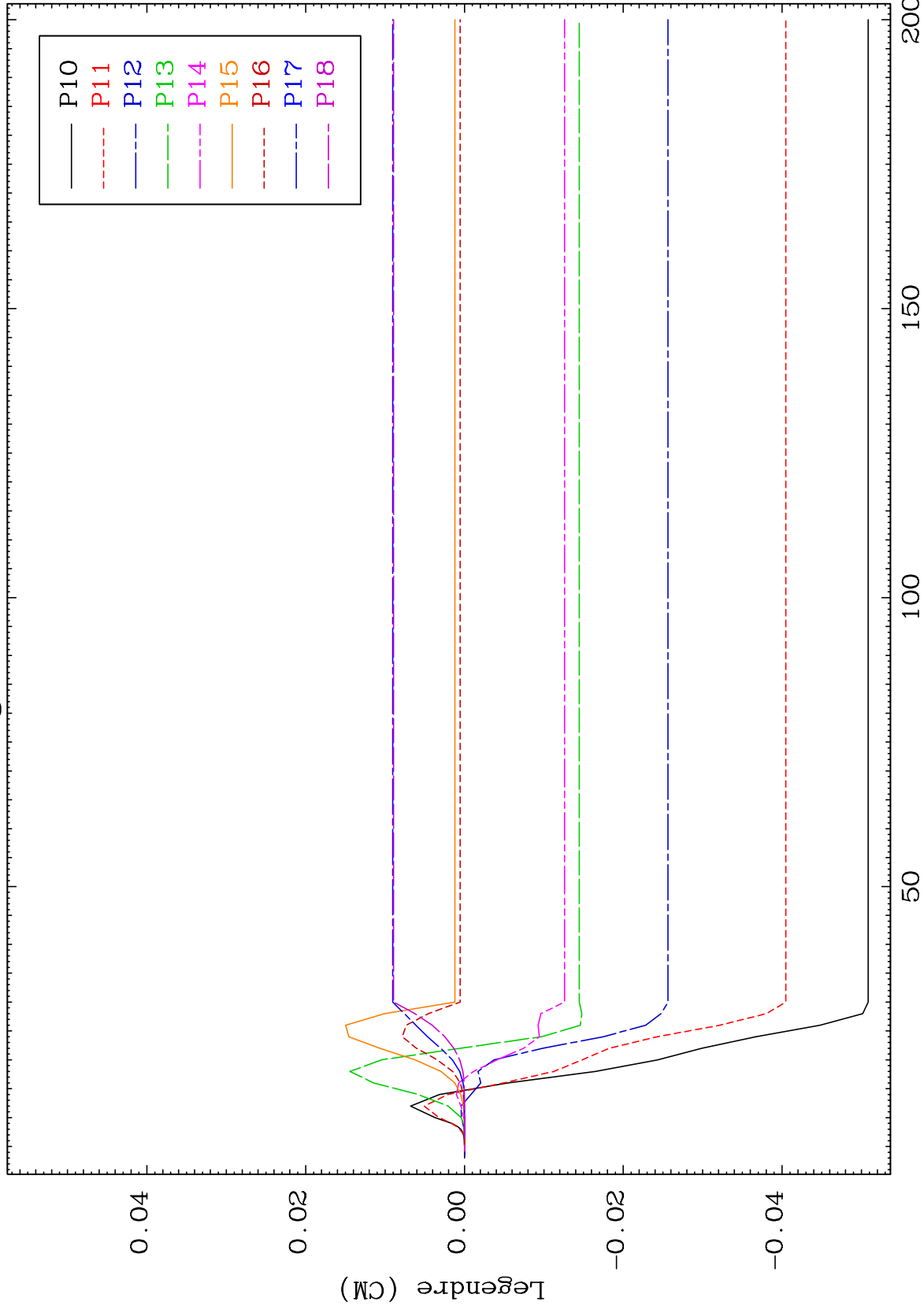




MAT 5031

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

50-Sn-114



36

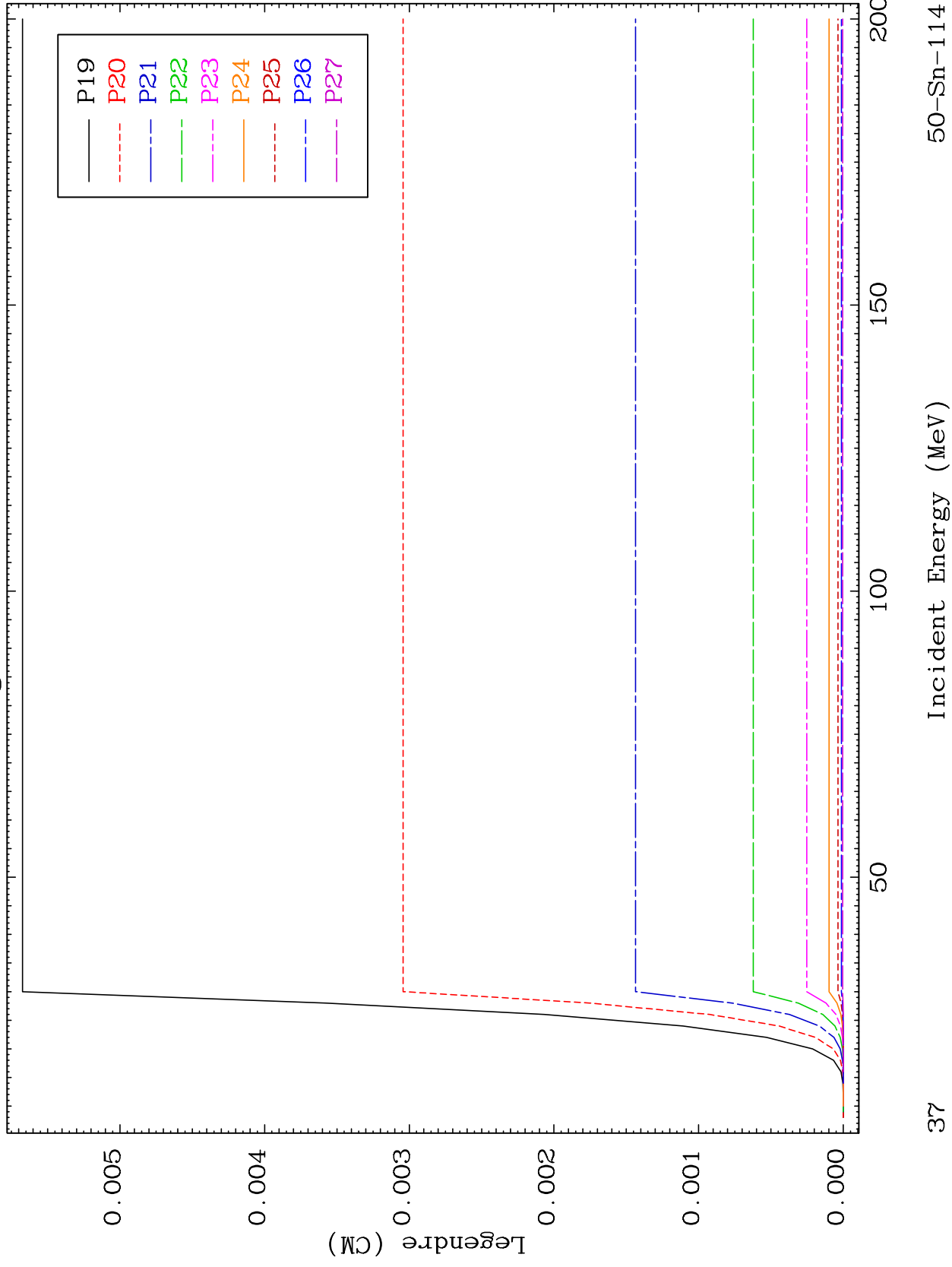
Incident Energy (MeV)

50-Sn-114

MAT 5031

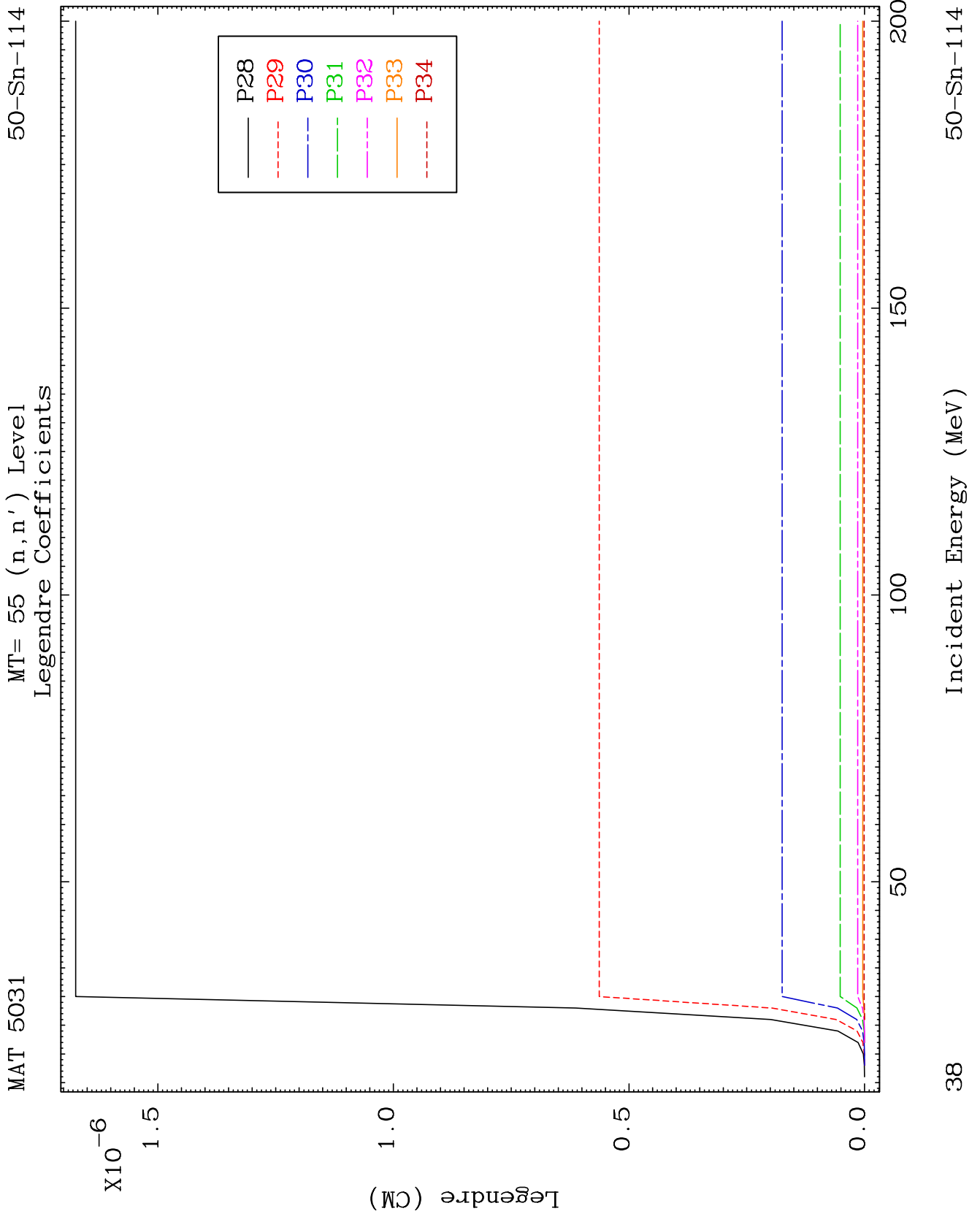
MT= 55 (n,n') Level
Legendre Coefficients

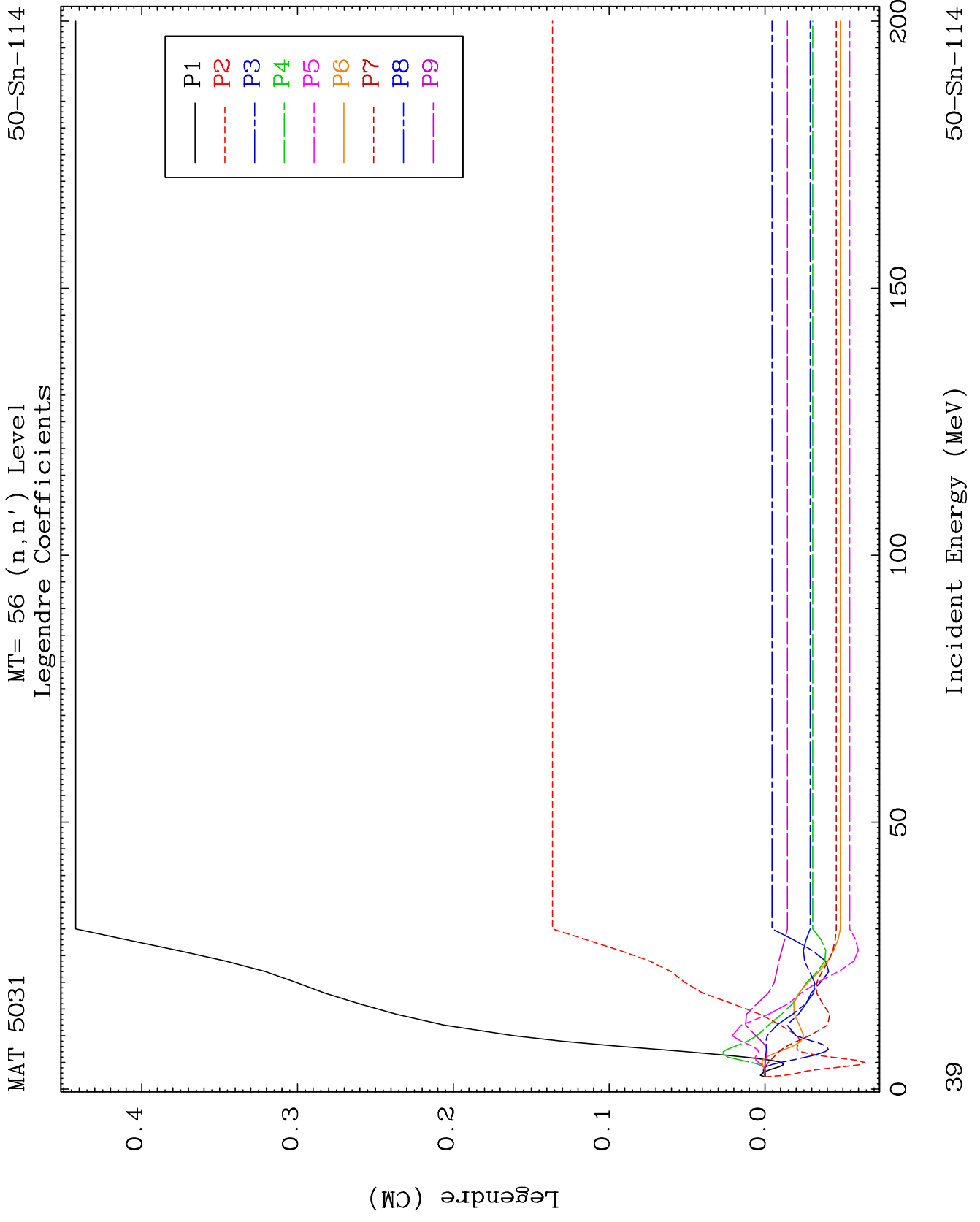
50-Sn-114

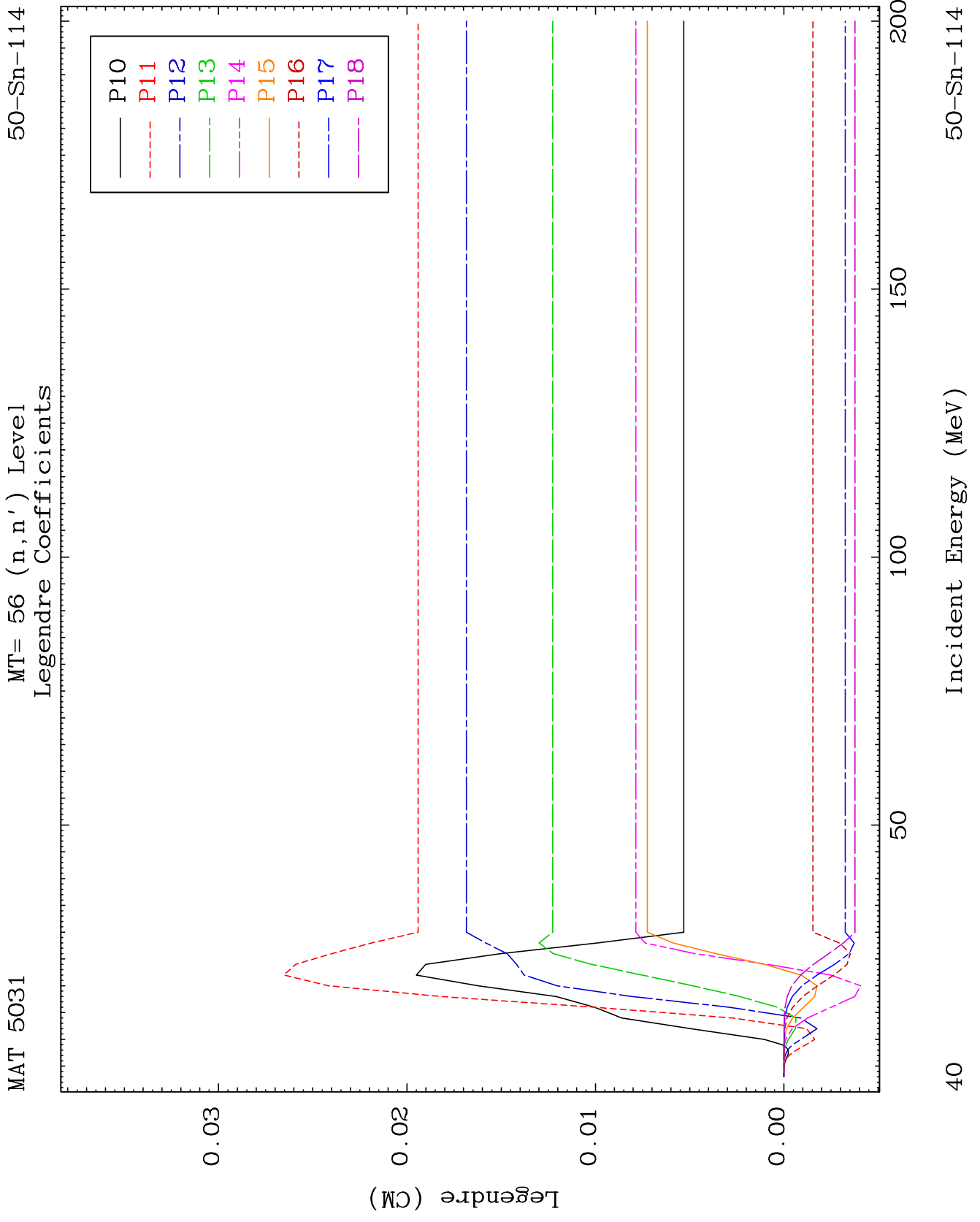


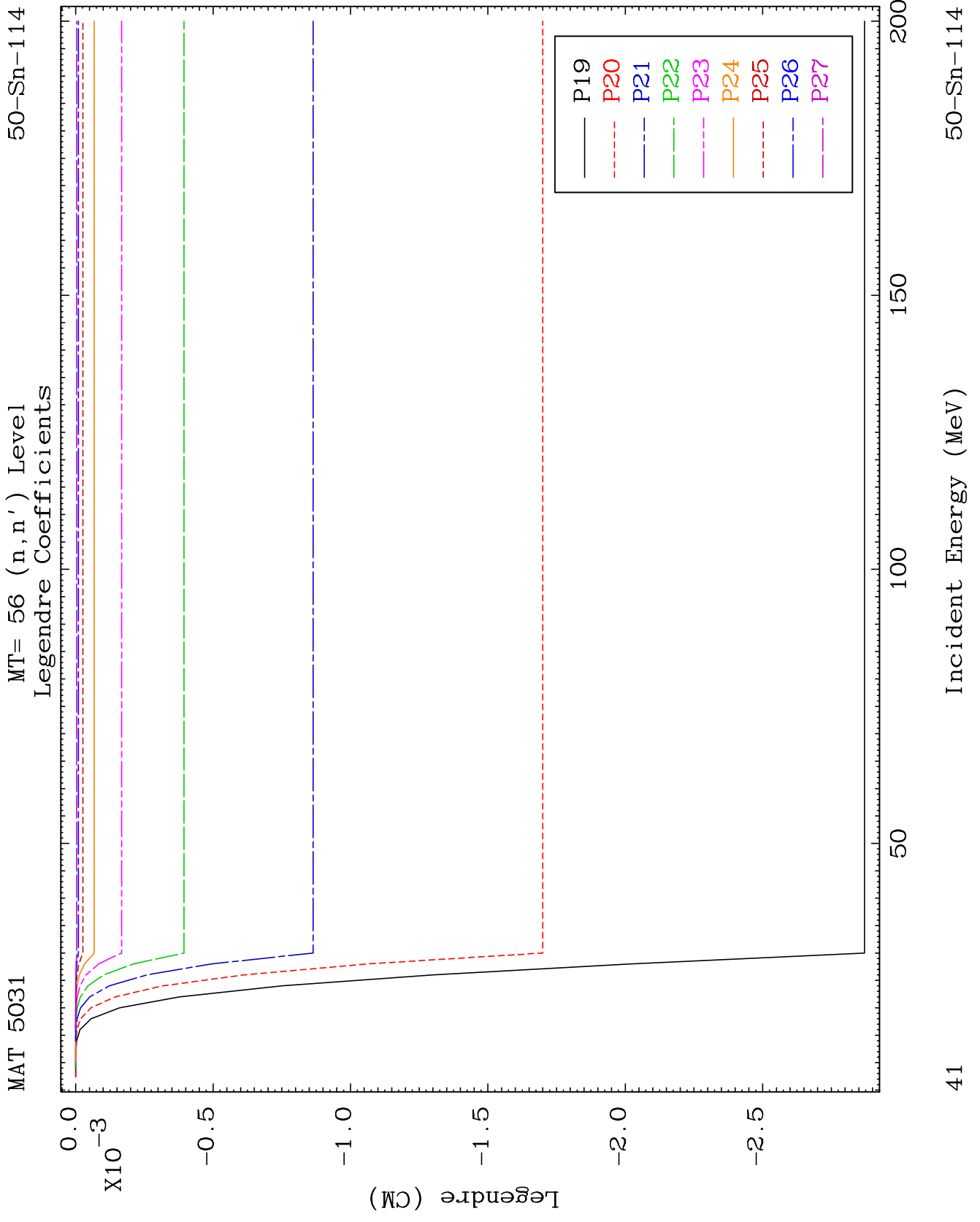
37

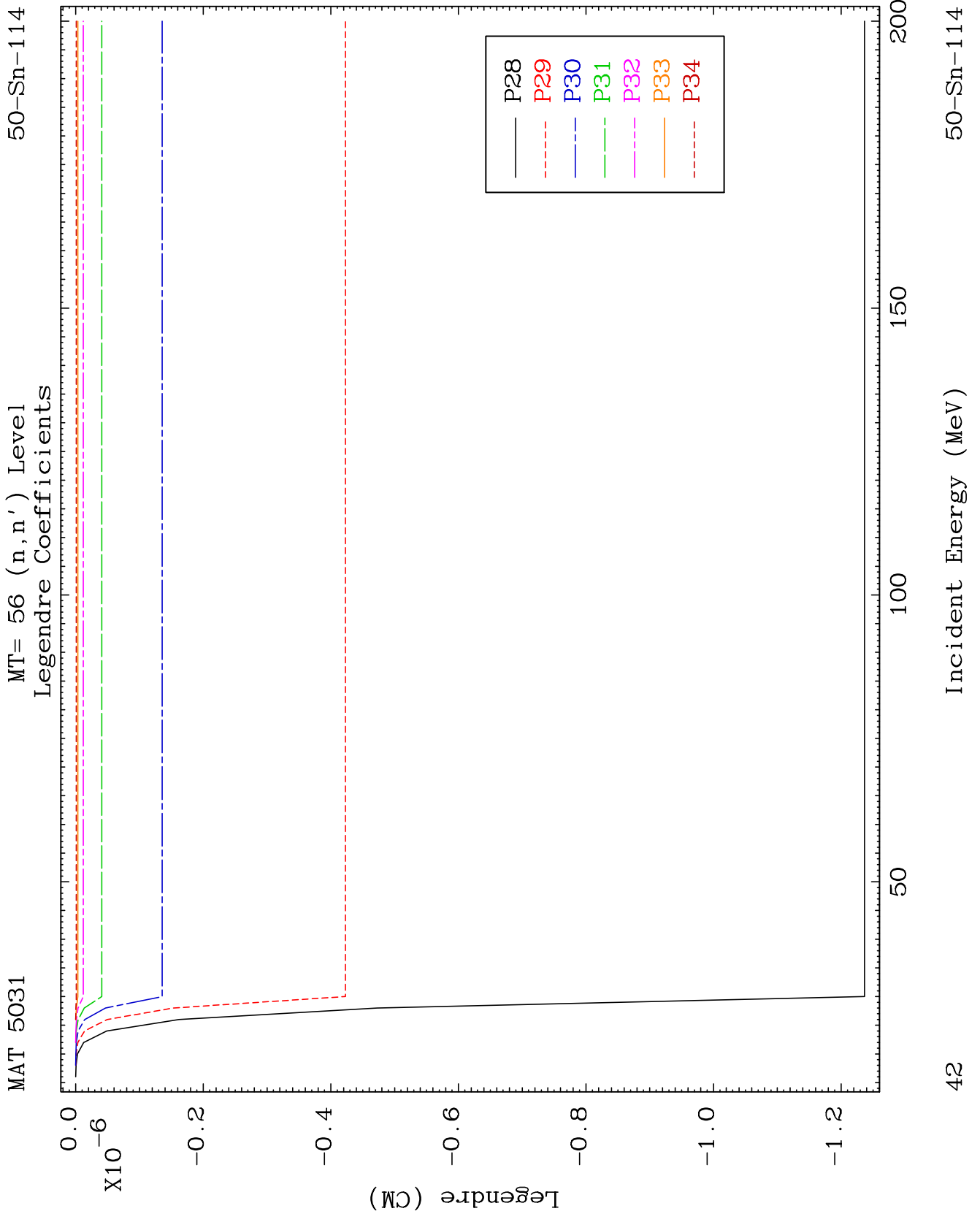
50-Sn-114

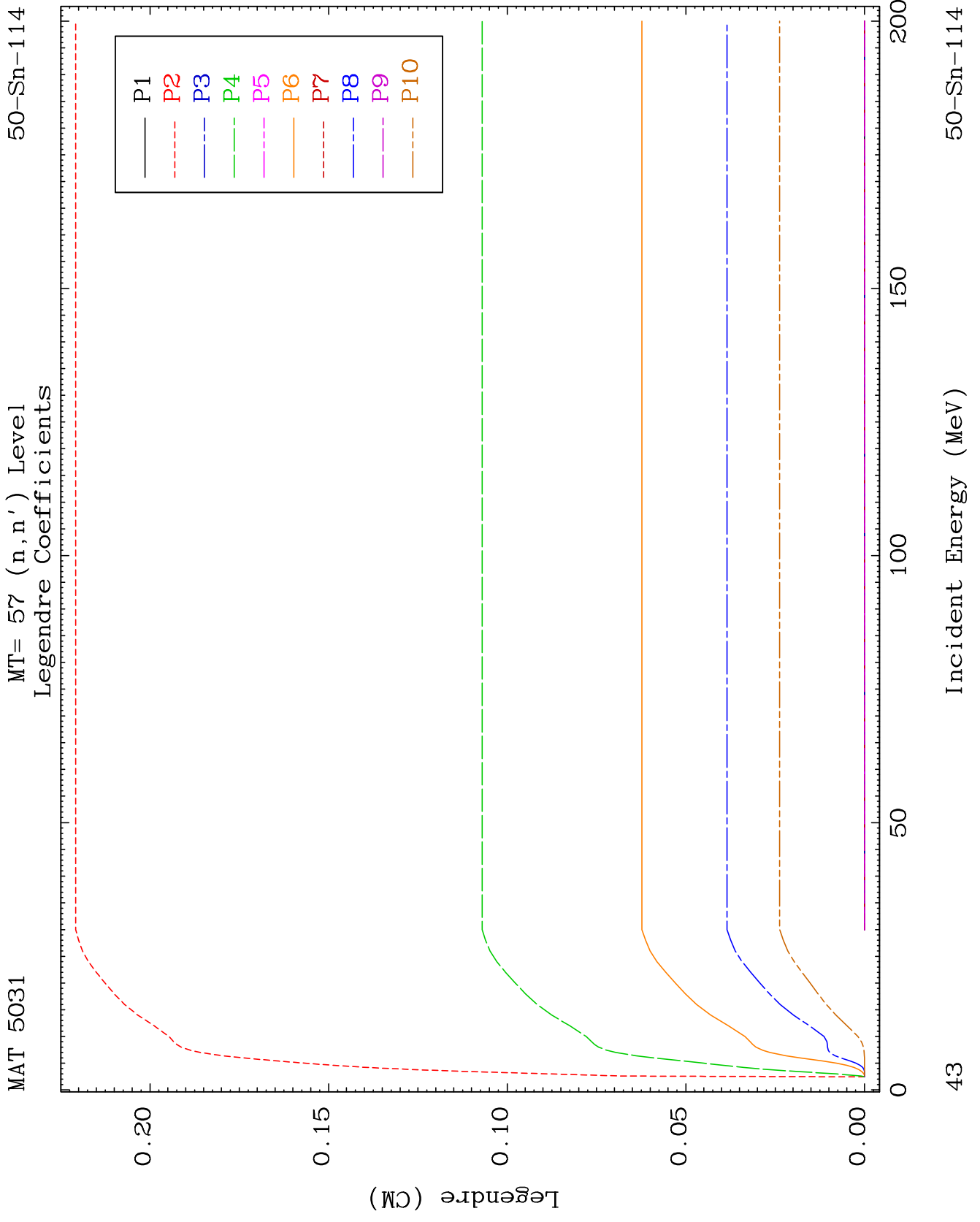


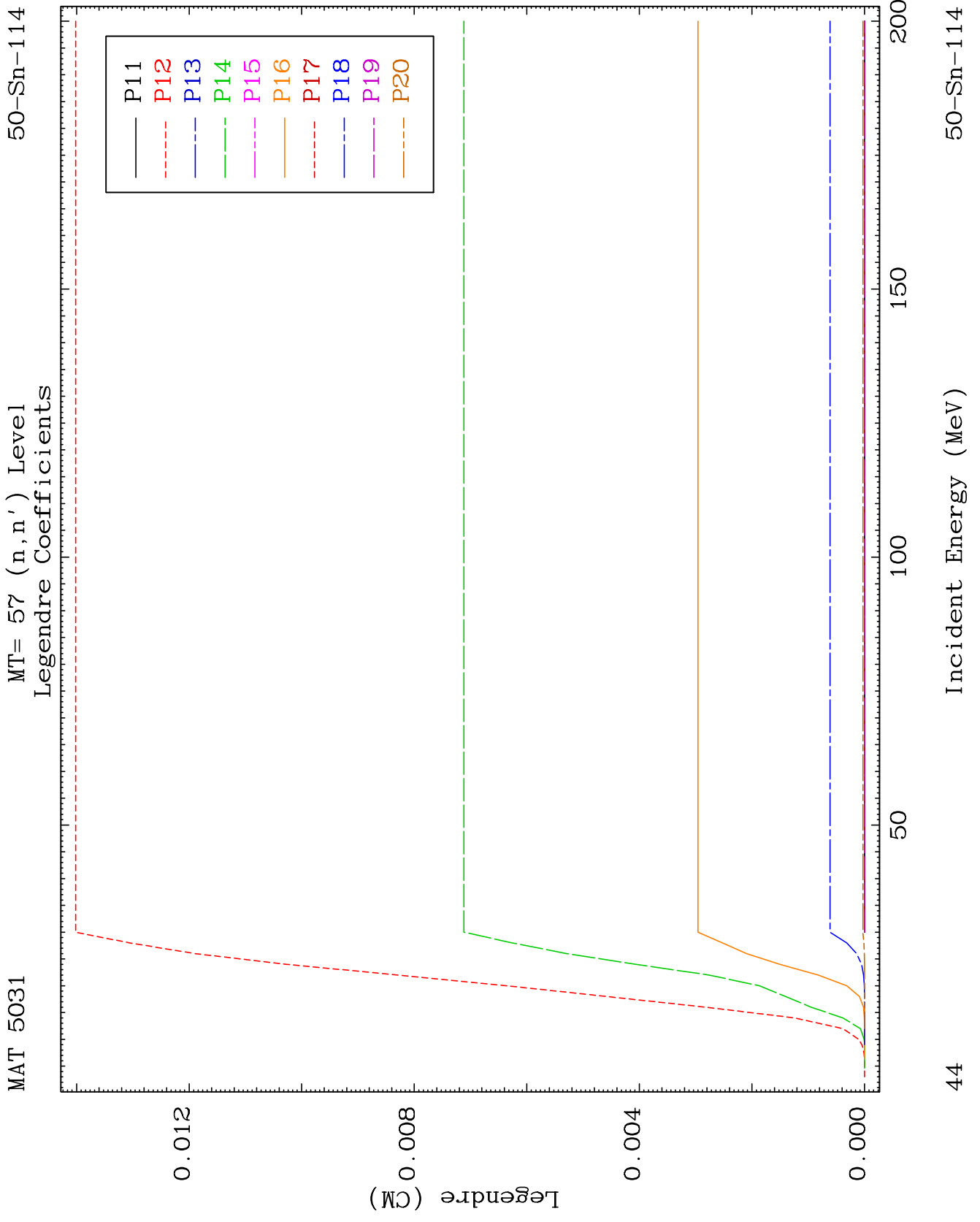


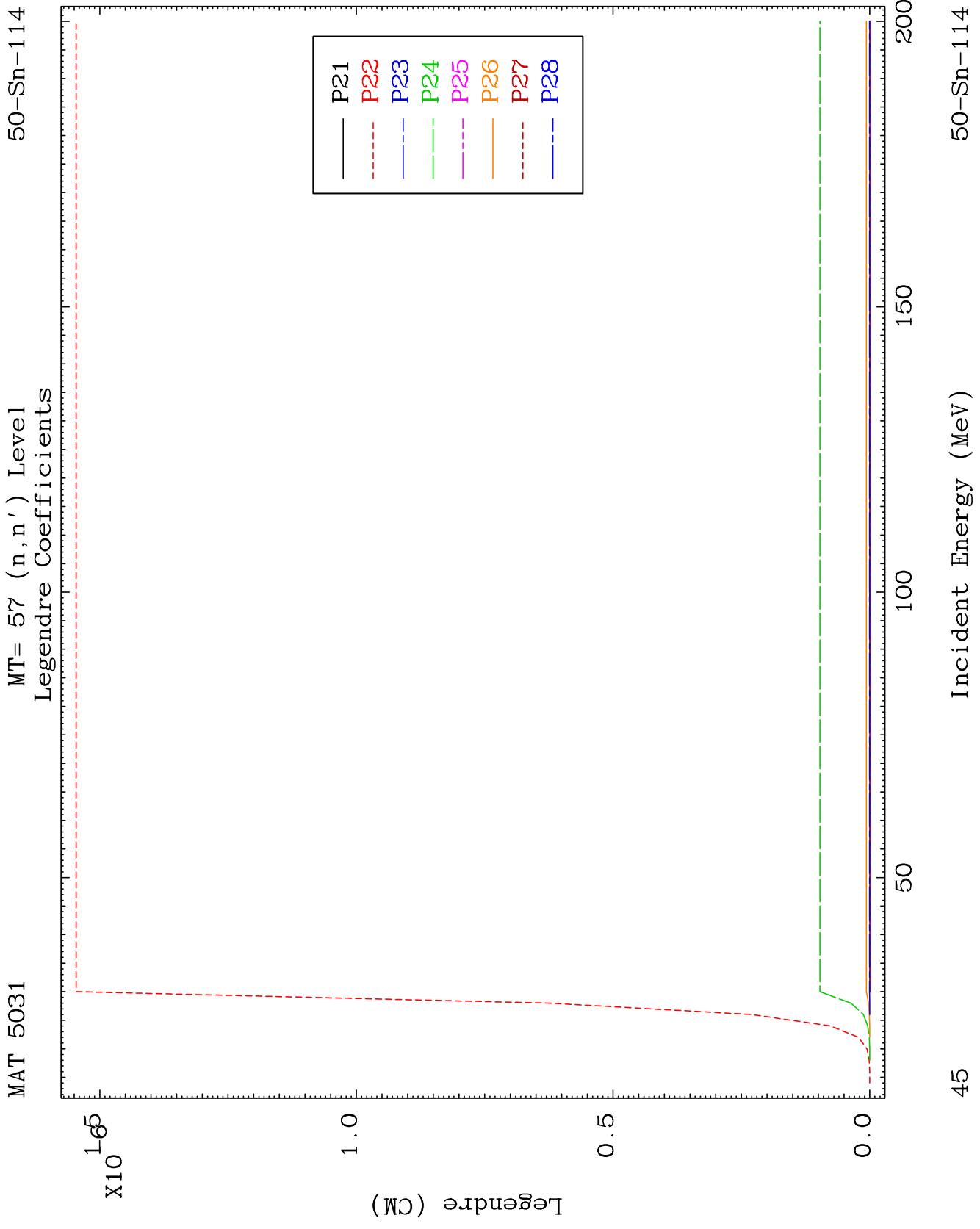


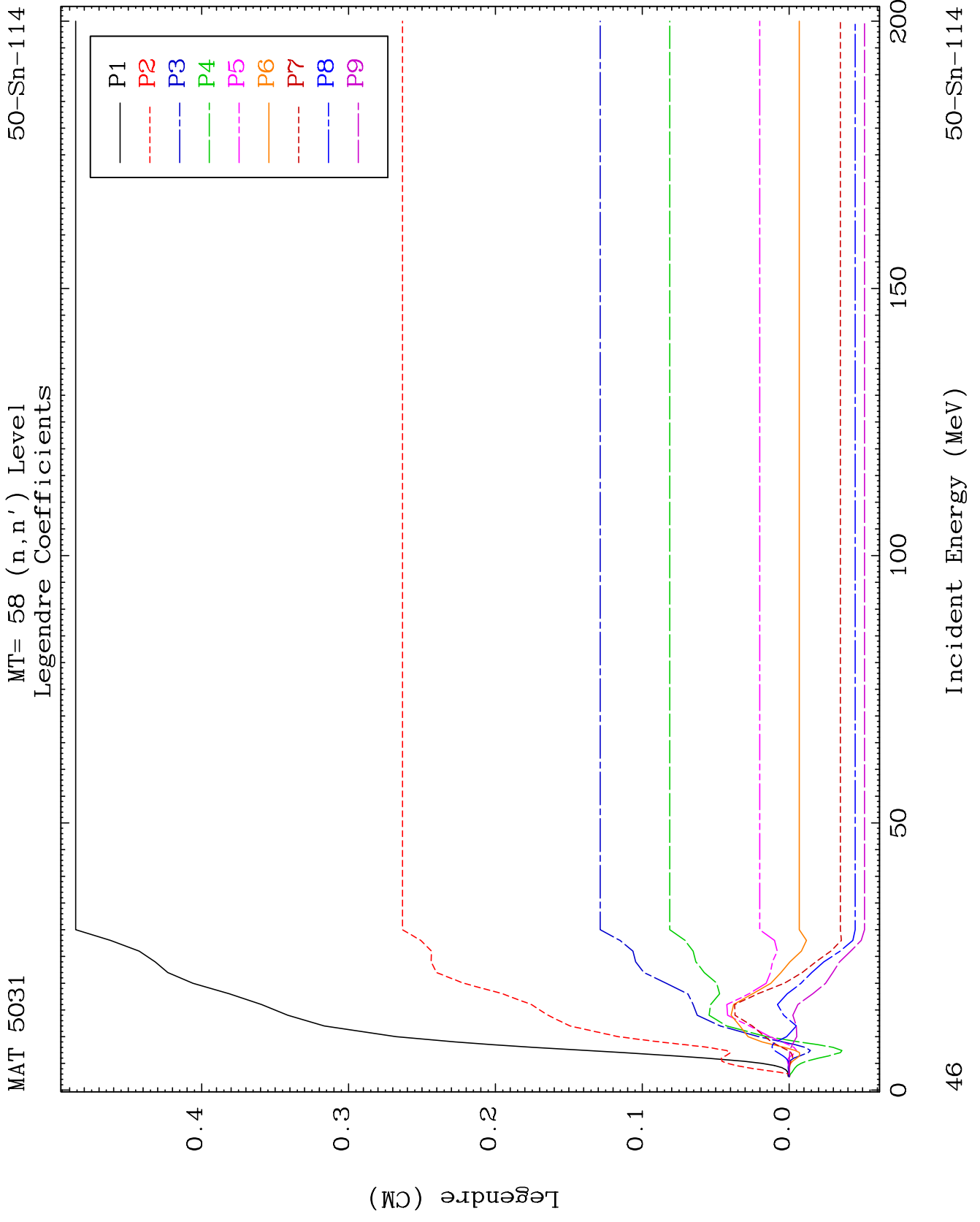








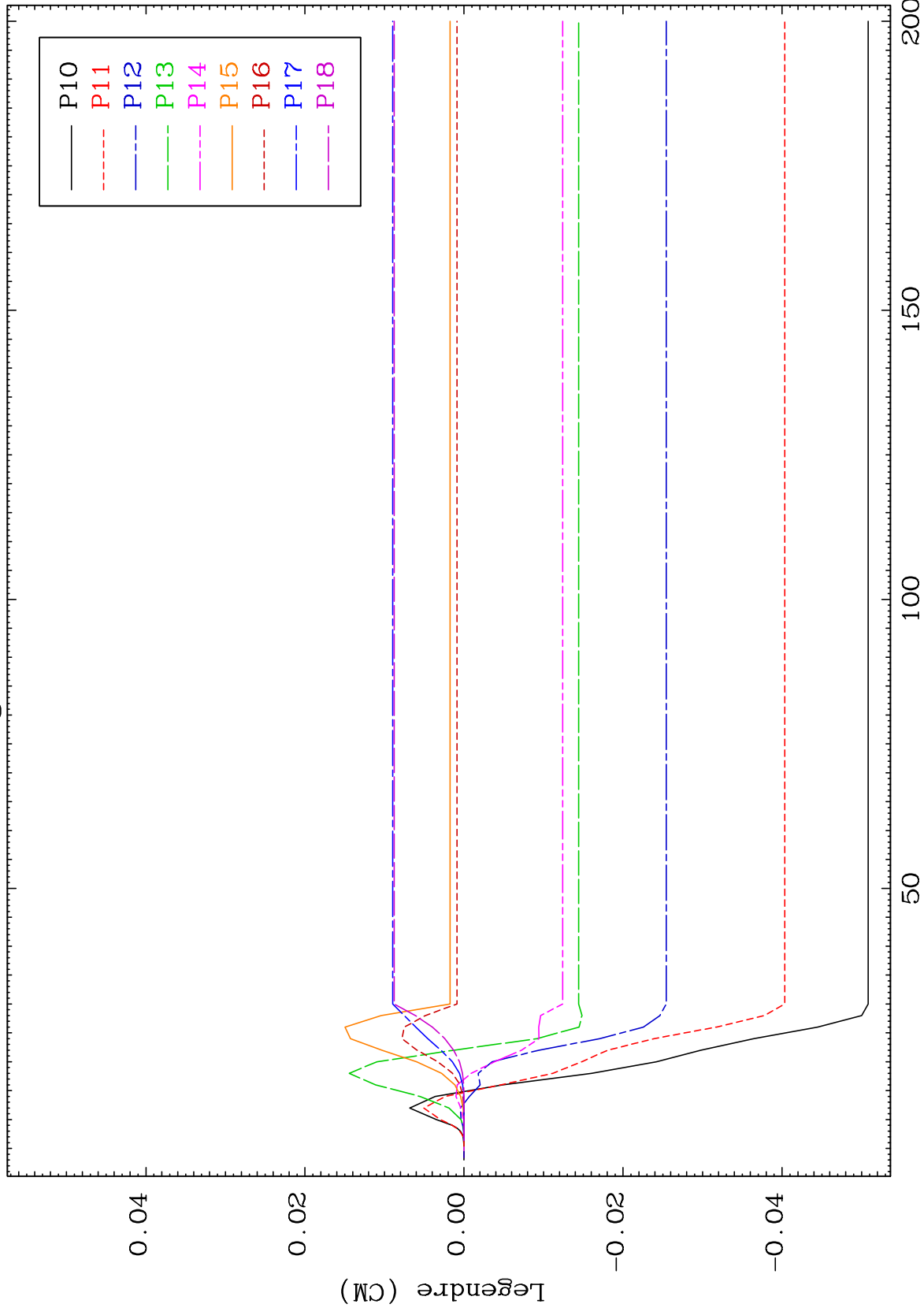




MAT 5031

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

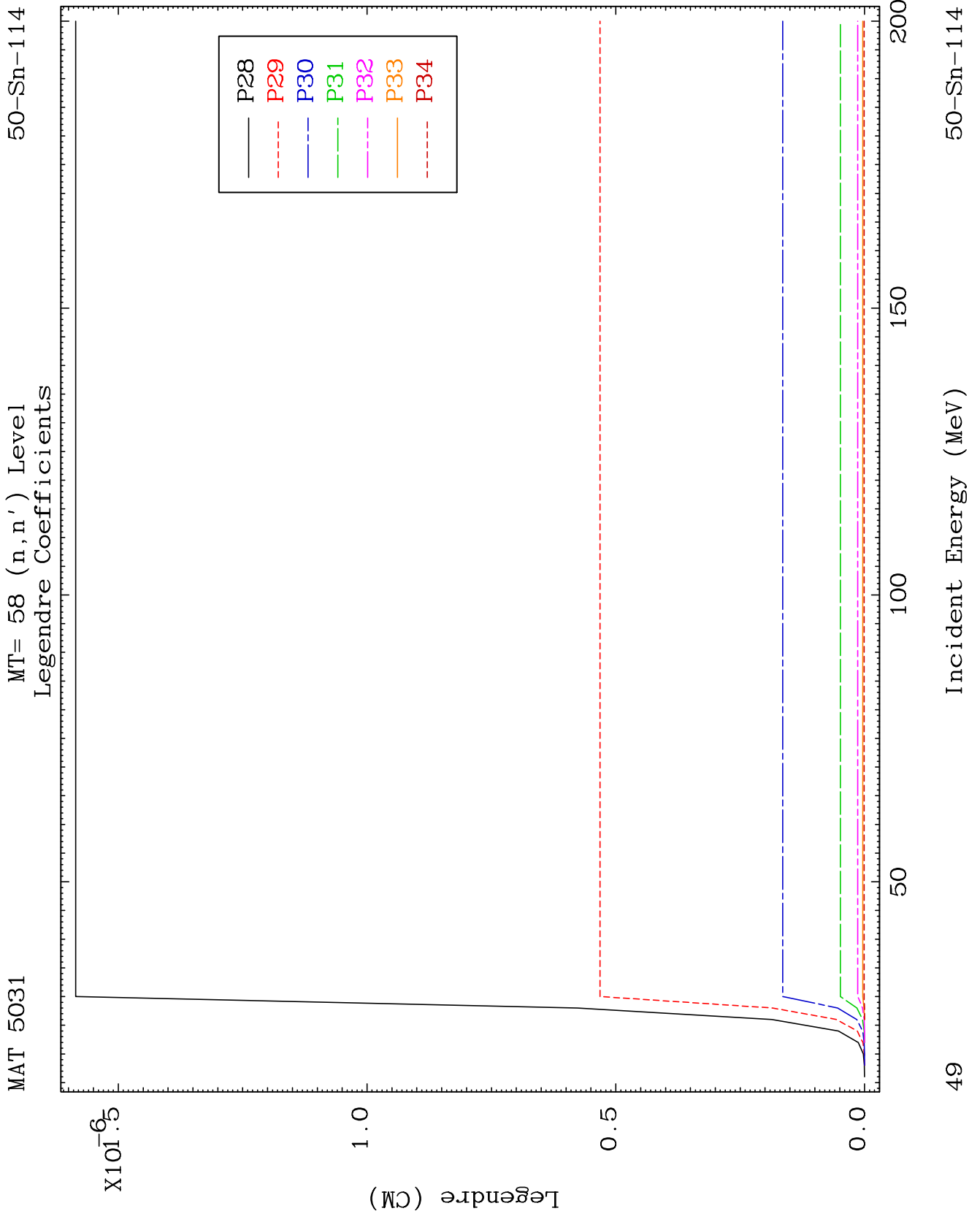
50-Sn-114

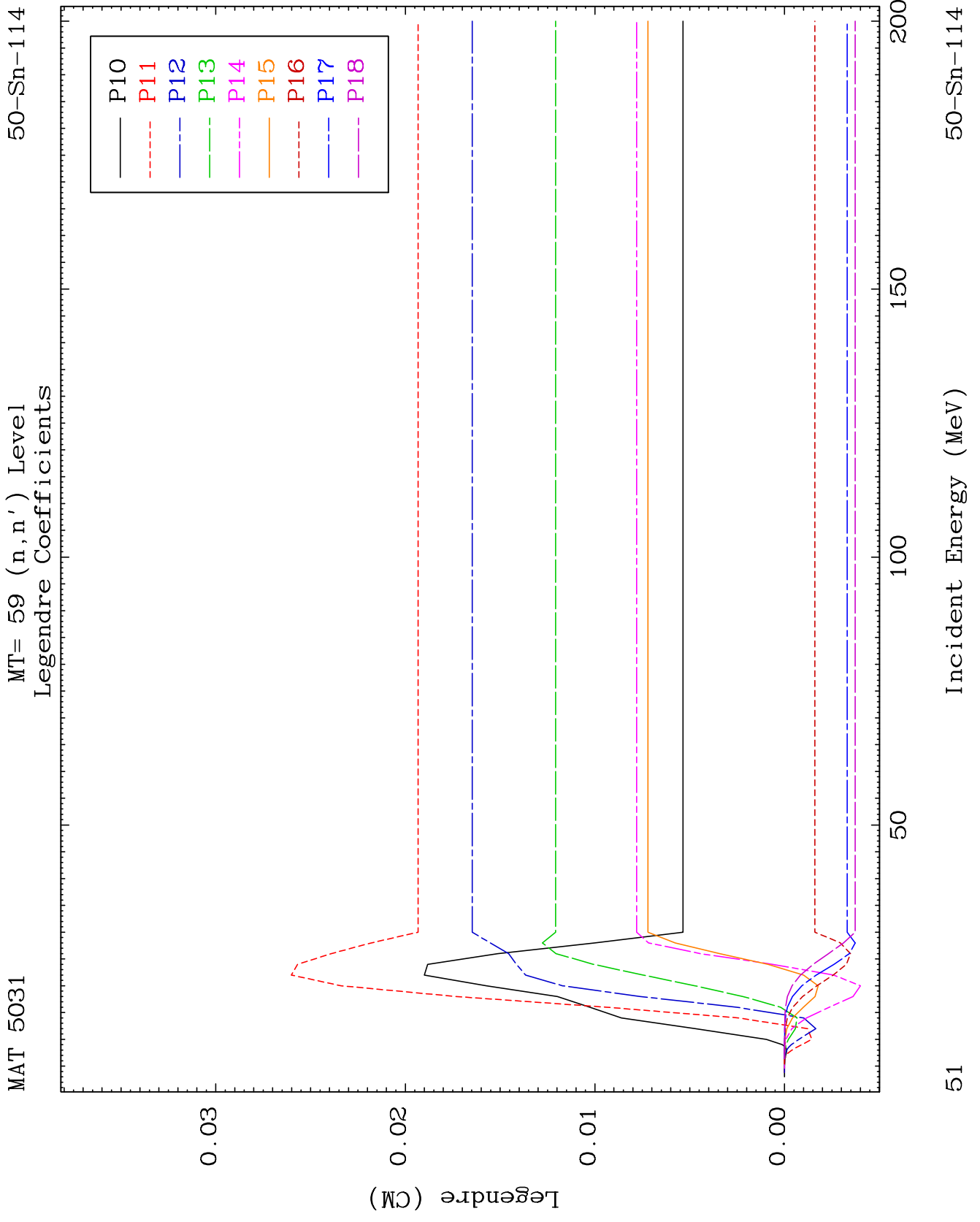


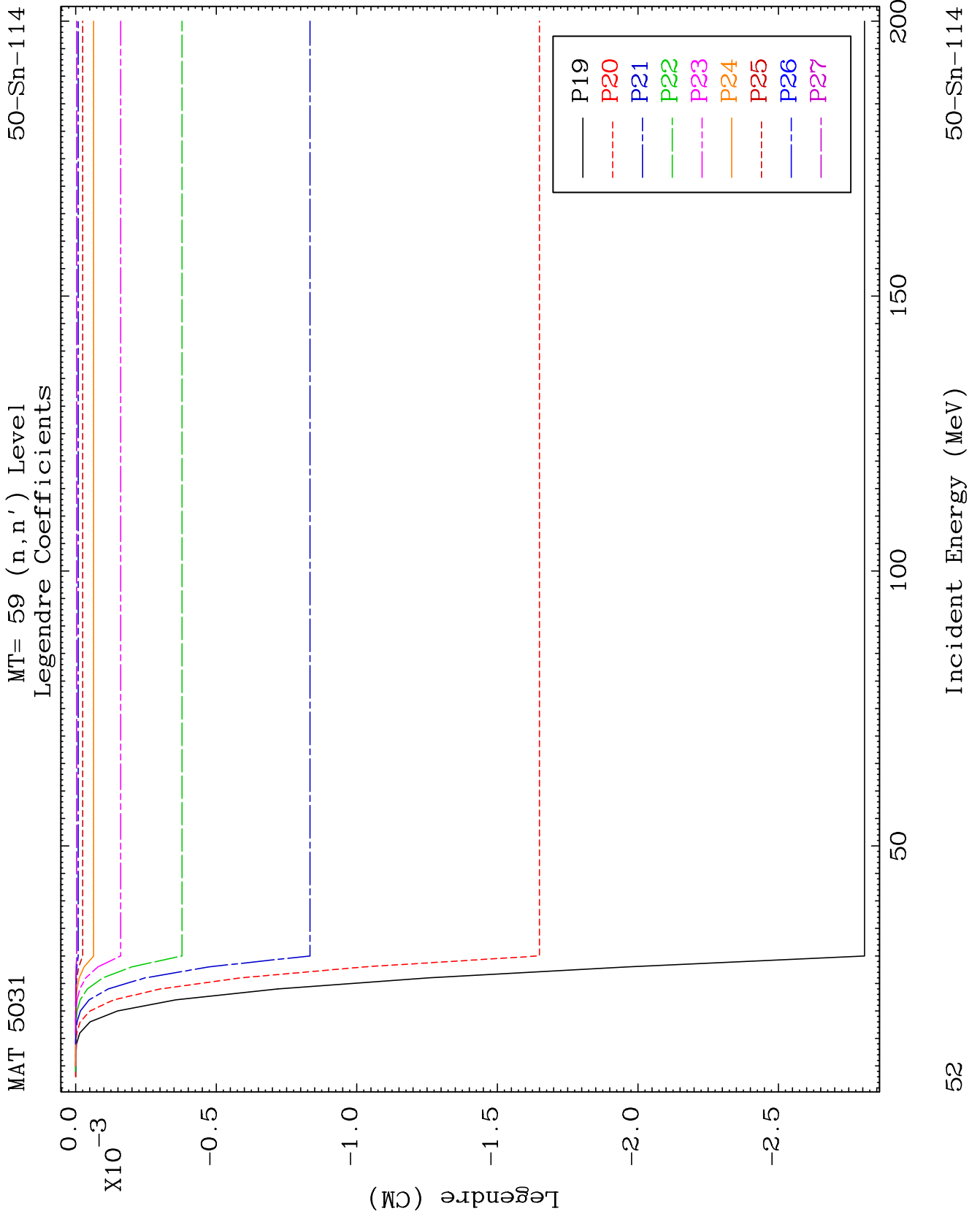
47

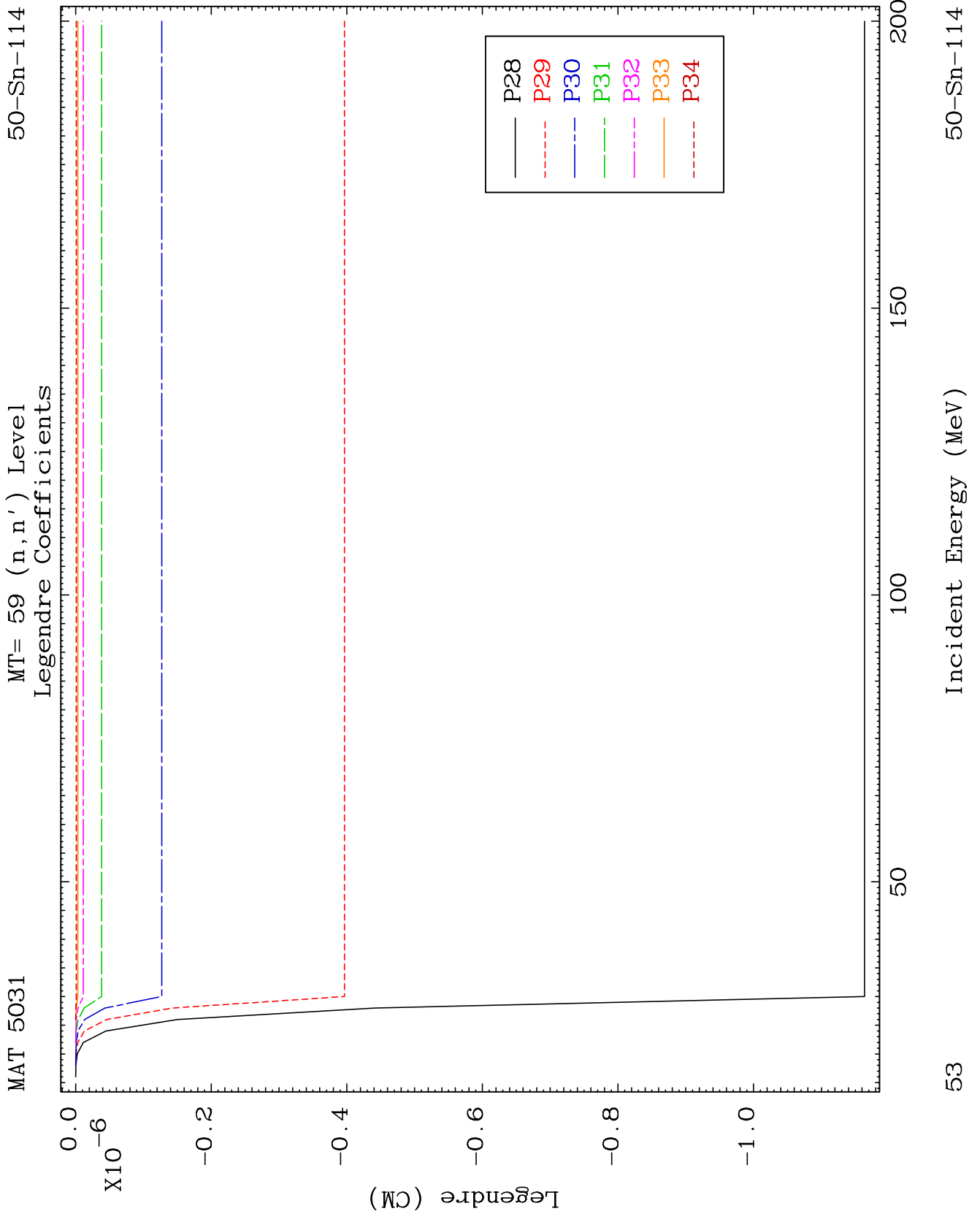
Incident Energy (MeV)

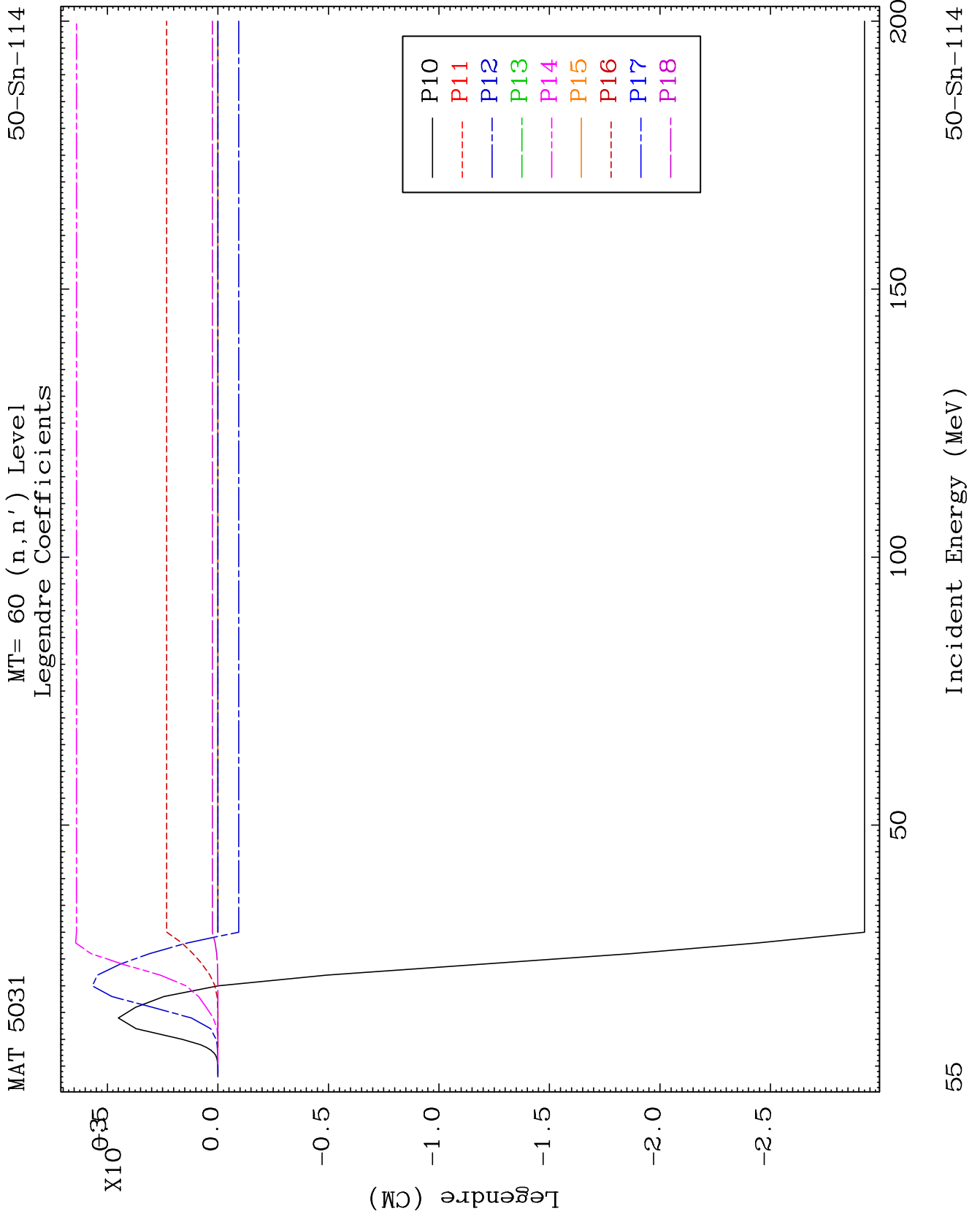
50-Sn-114

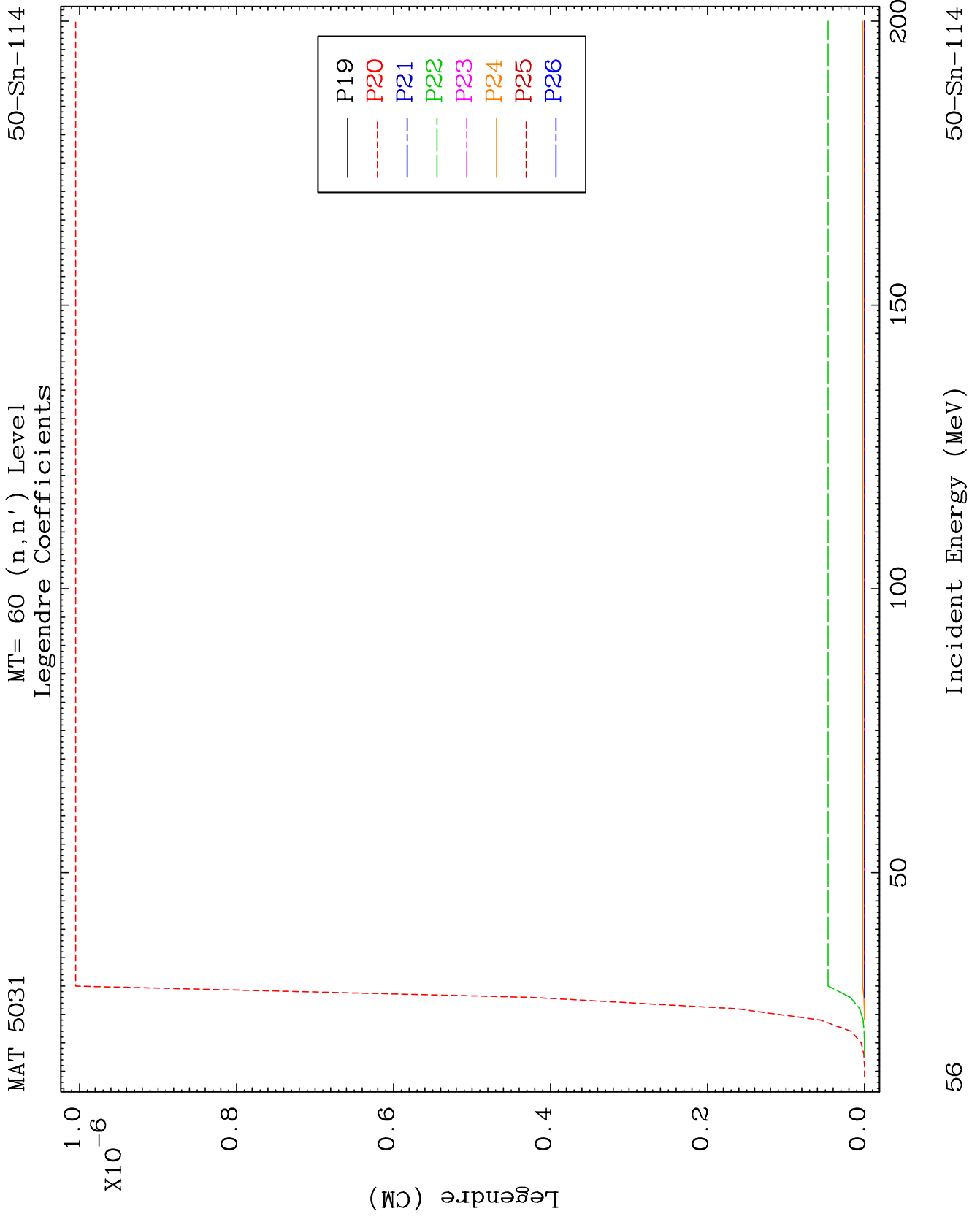








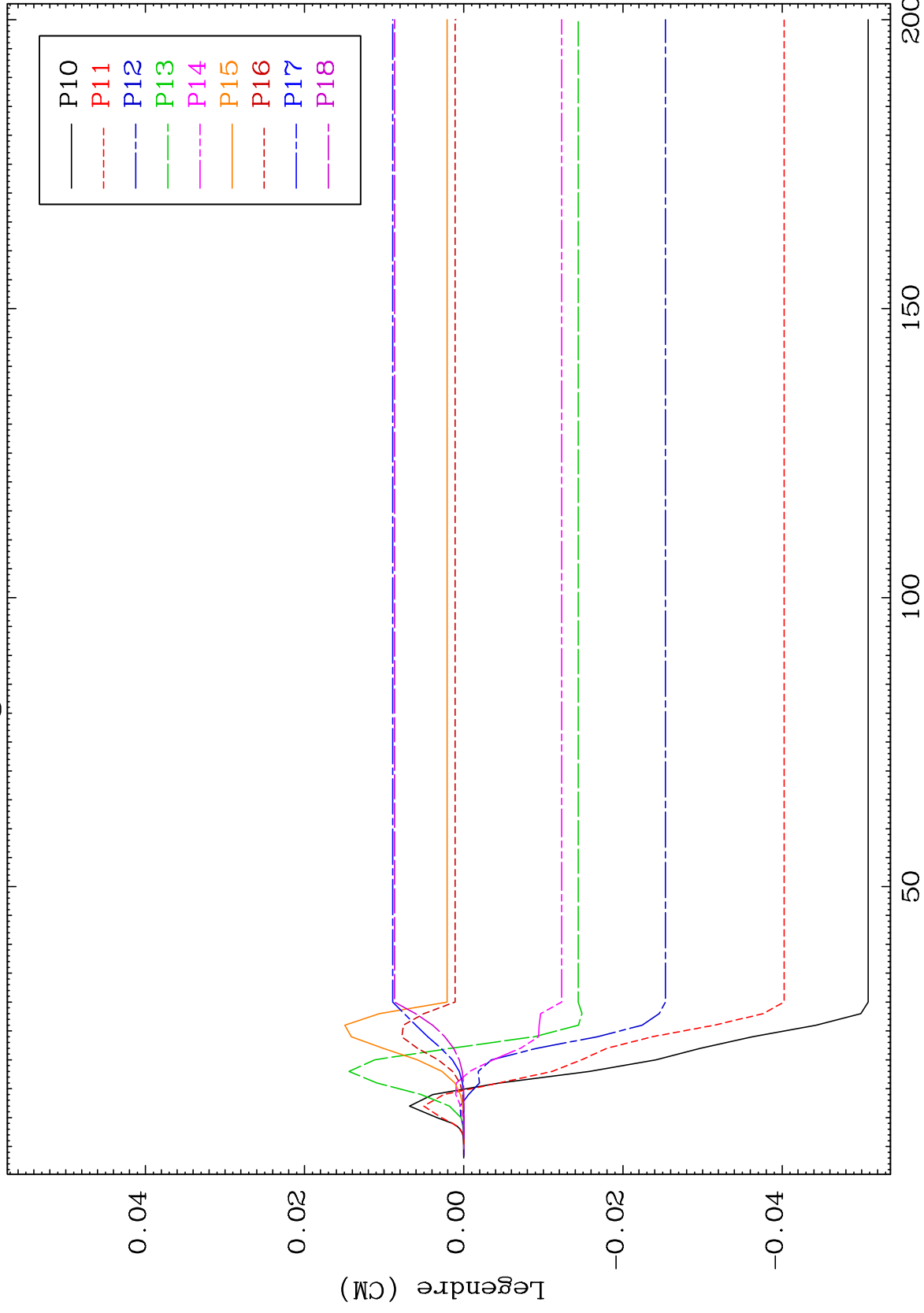




MAT 5031

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

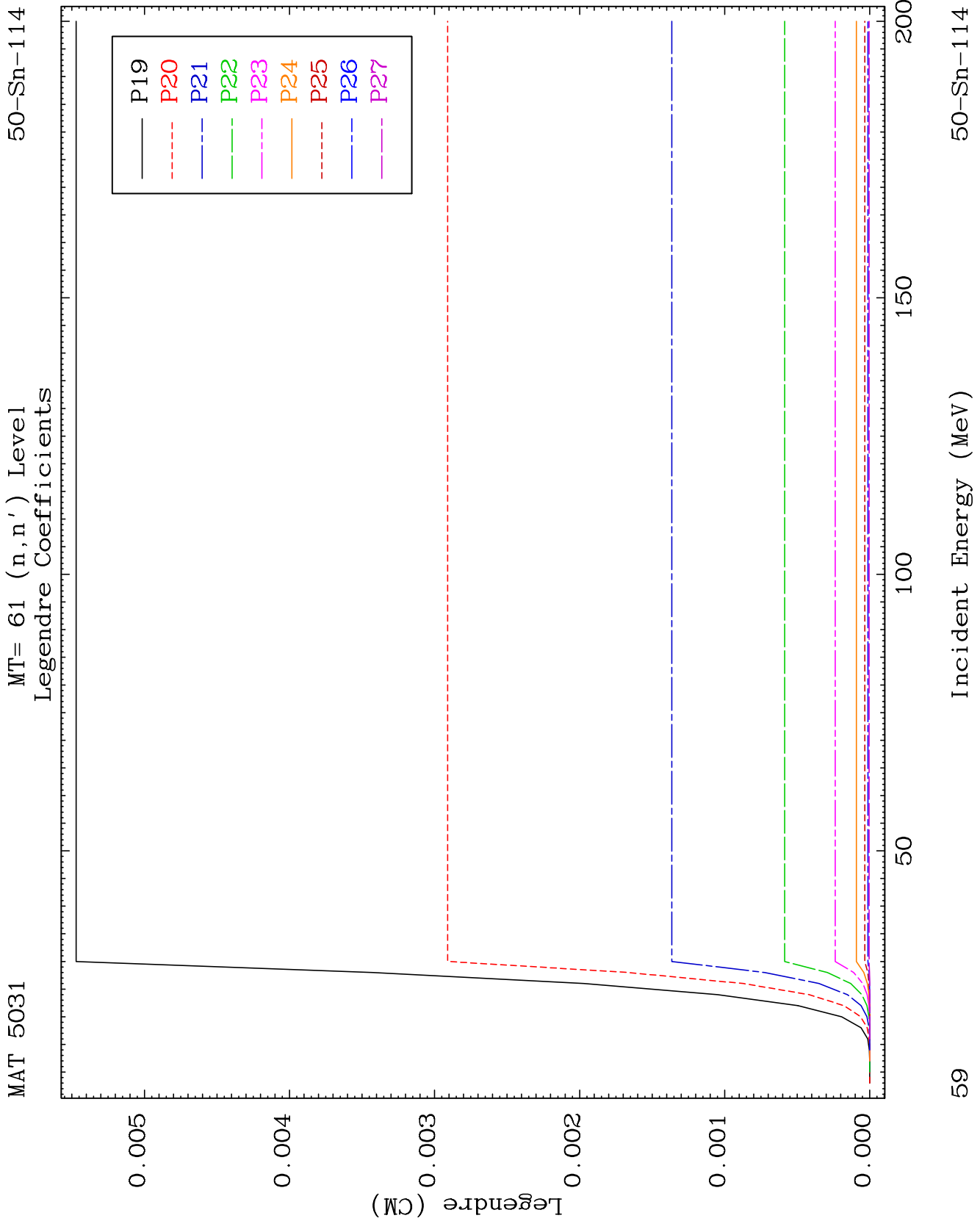
50-Sn-114



58

Incident Energy (MeV)

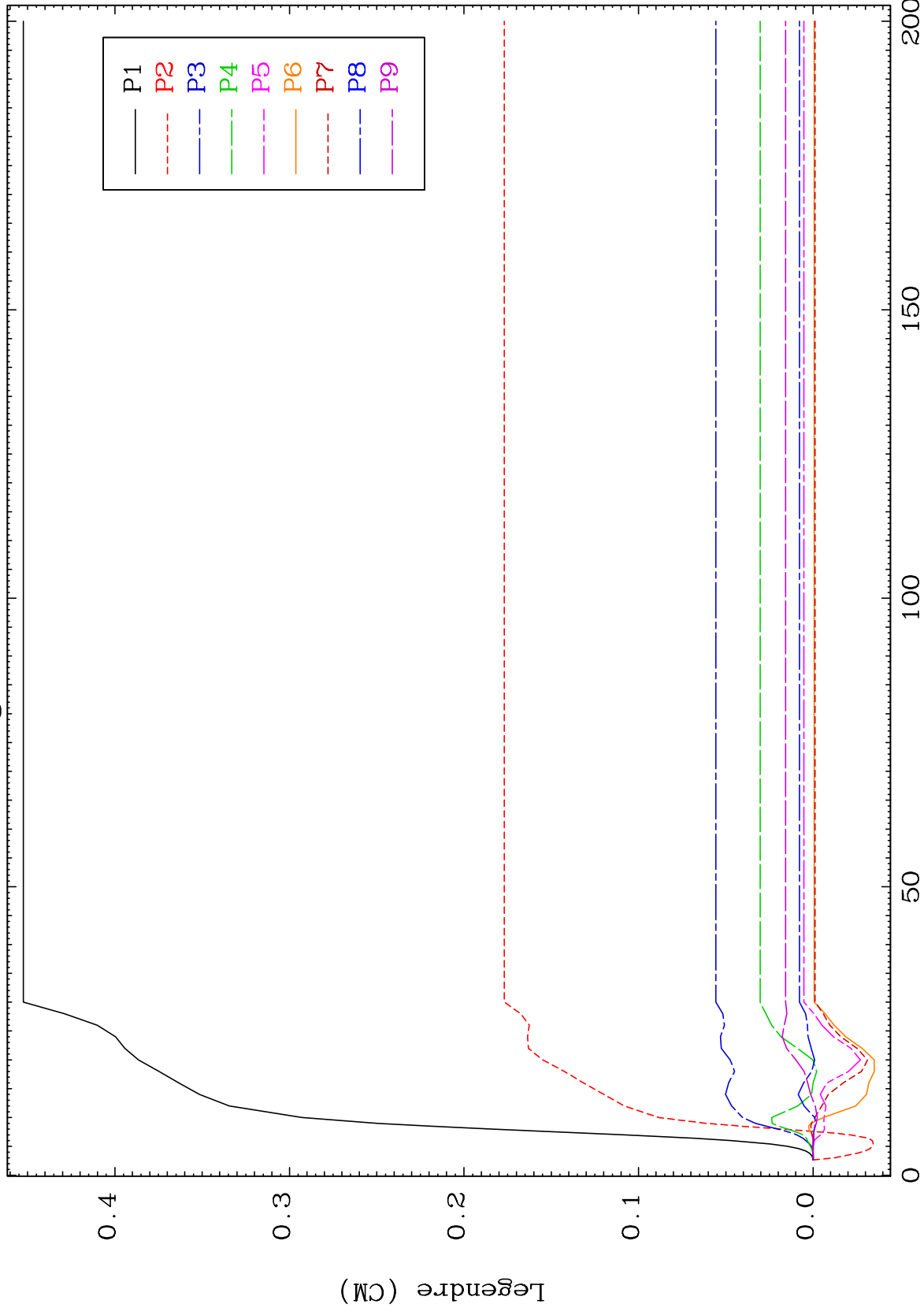
50-Sn-114



MAT 5031

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

50-Sn-114



61

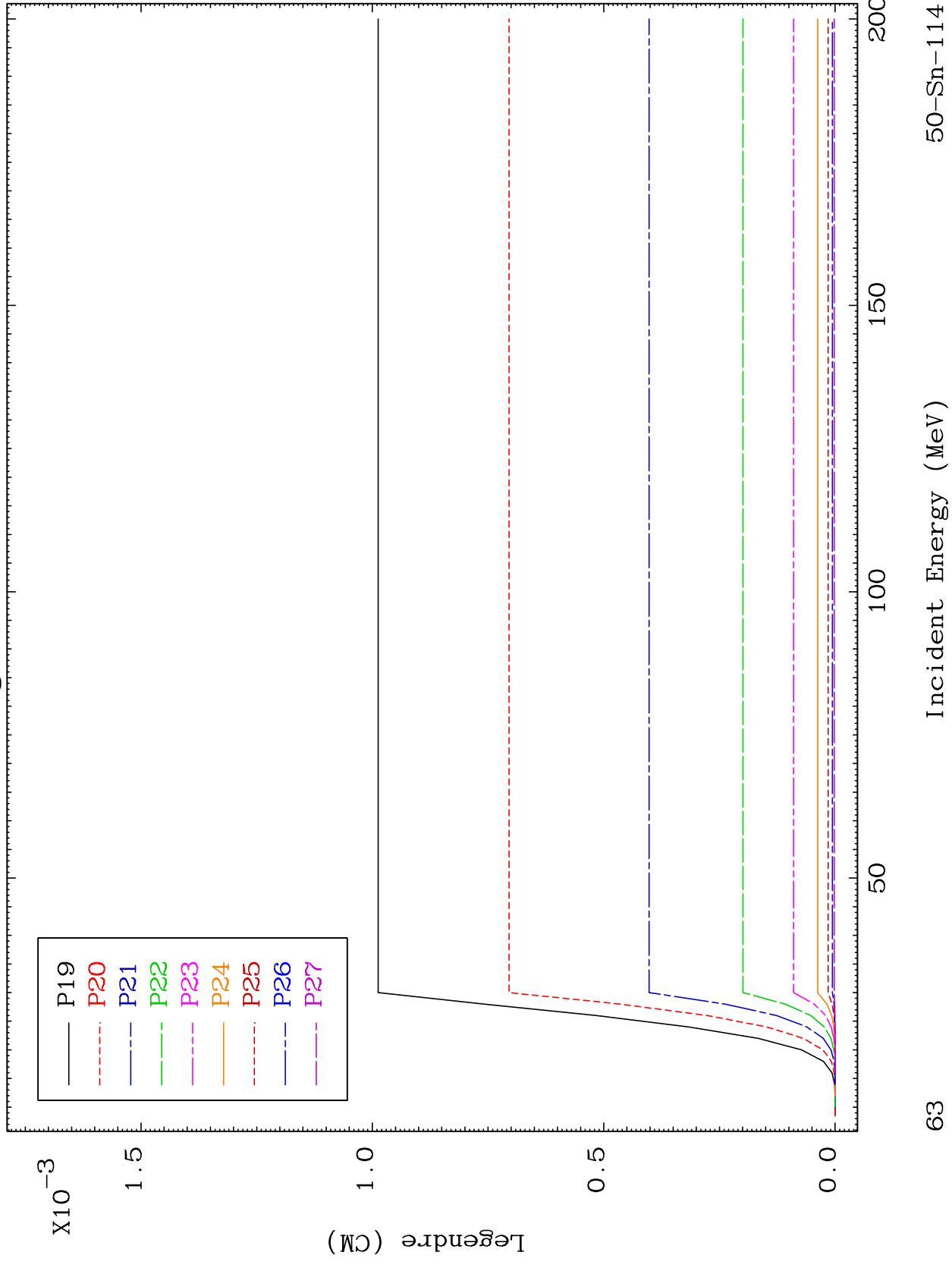
Incident Energy (MeV)

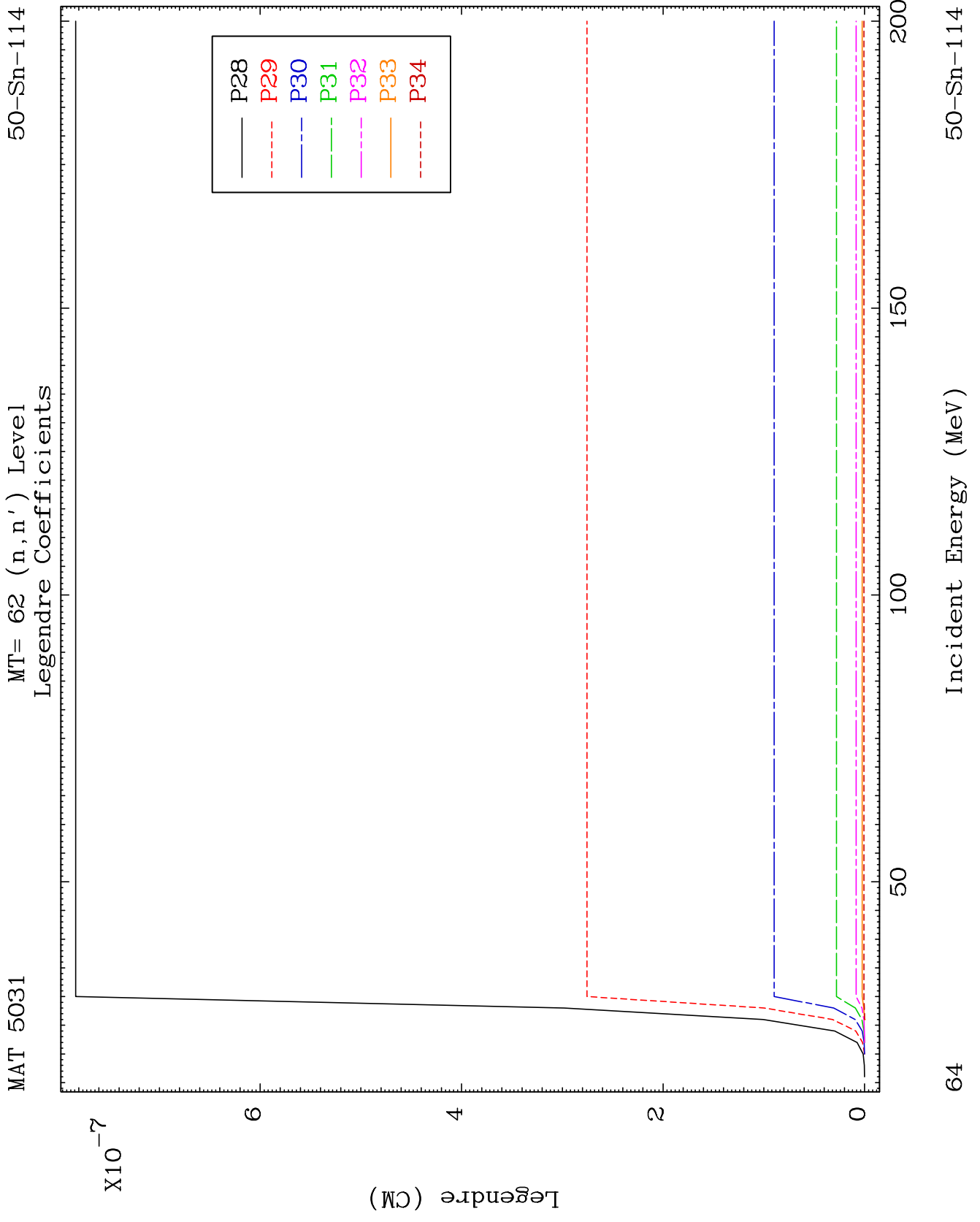
50-Sn-114

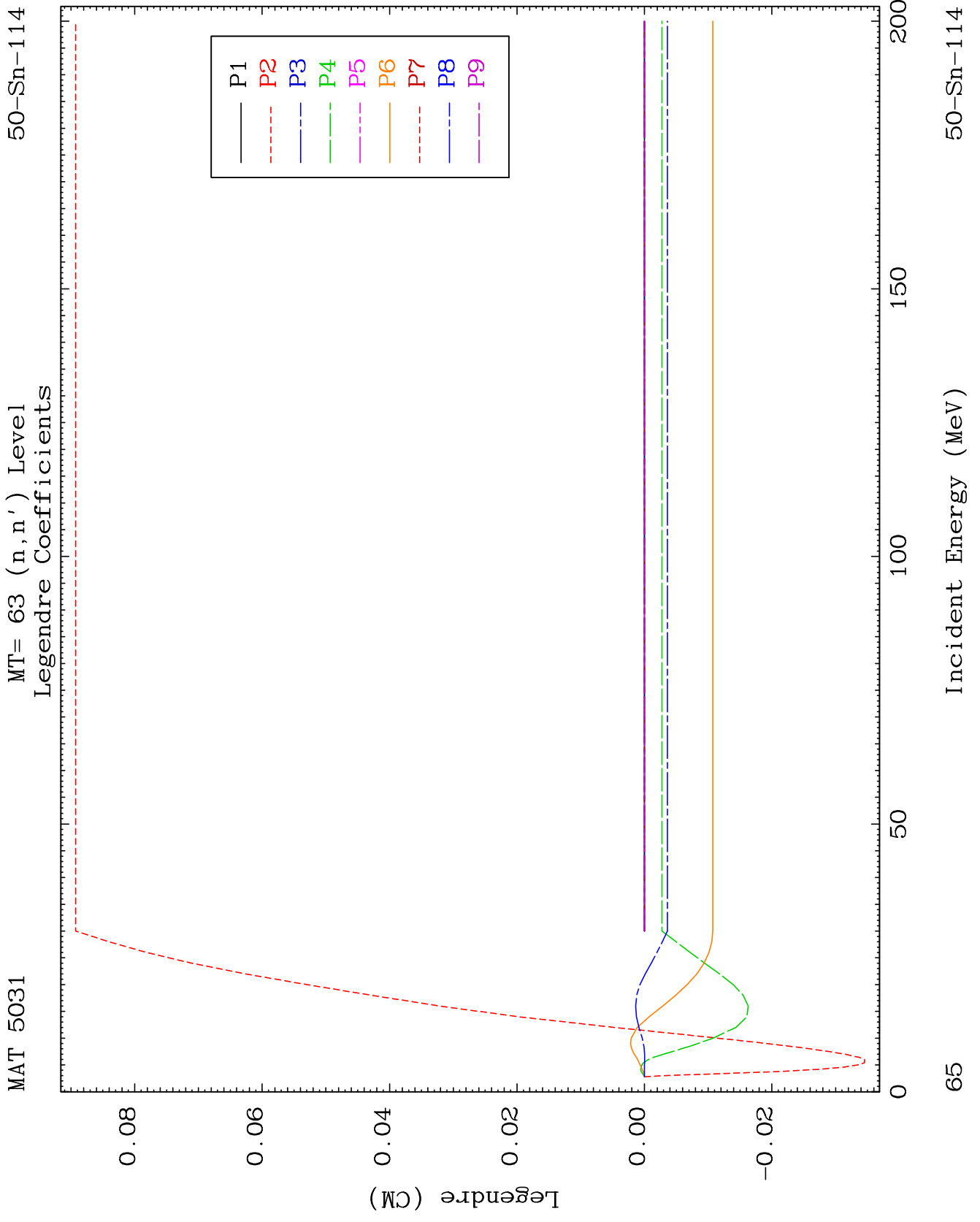
MAT 5031

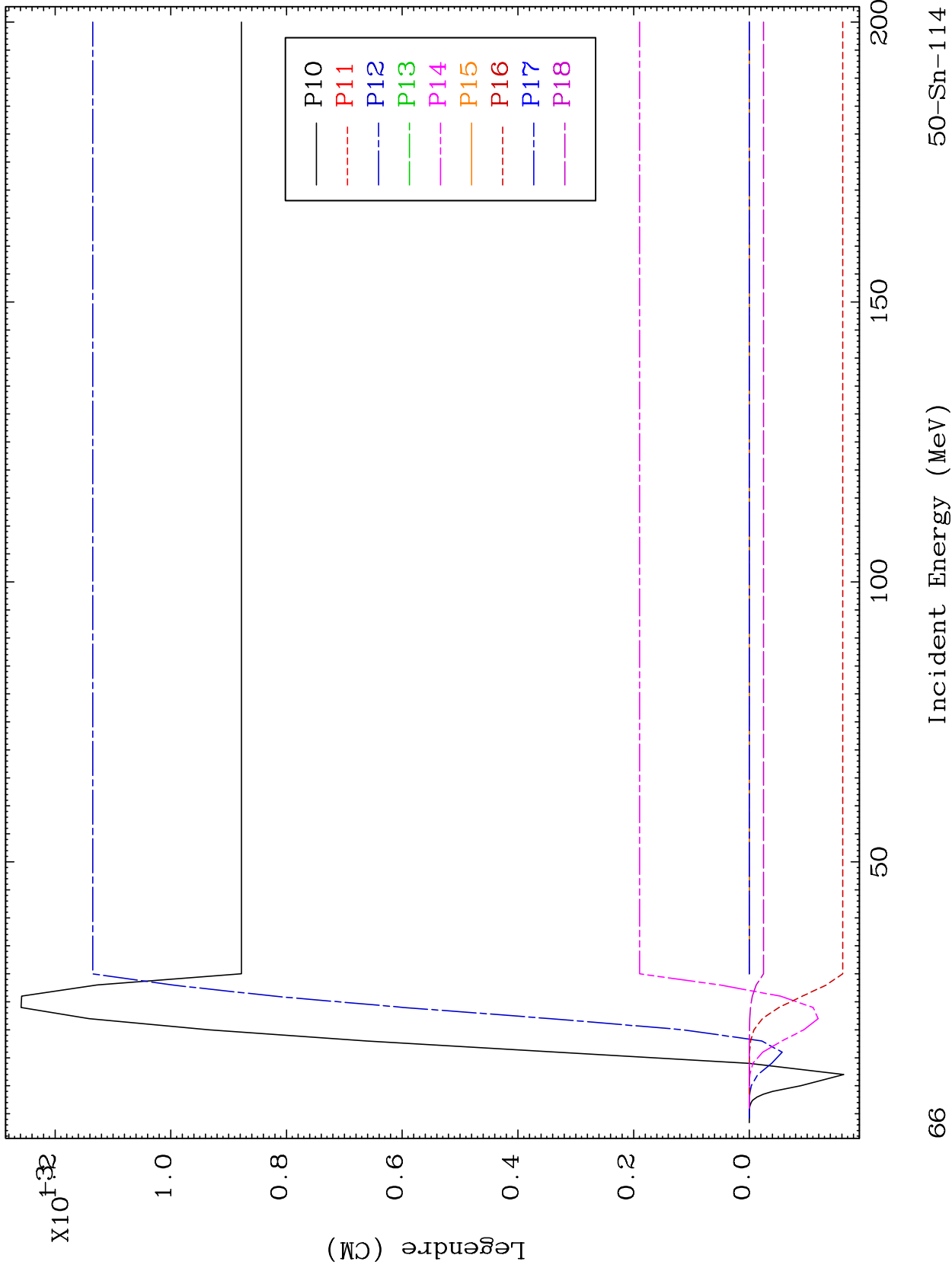
MT= 62 (n,n') Level
Legendre Coefficients

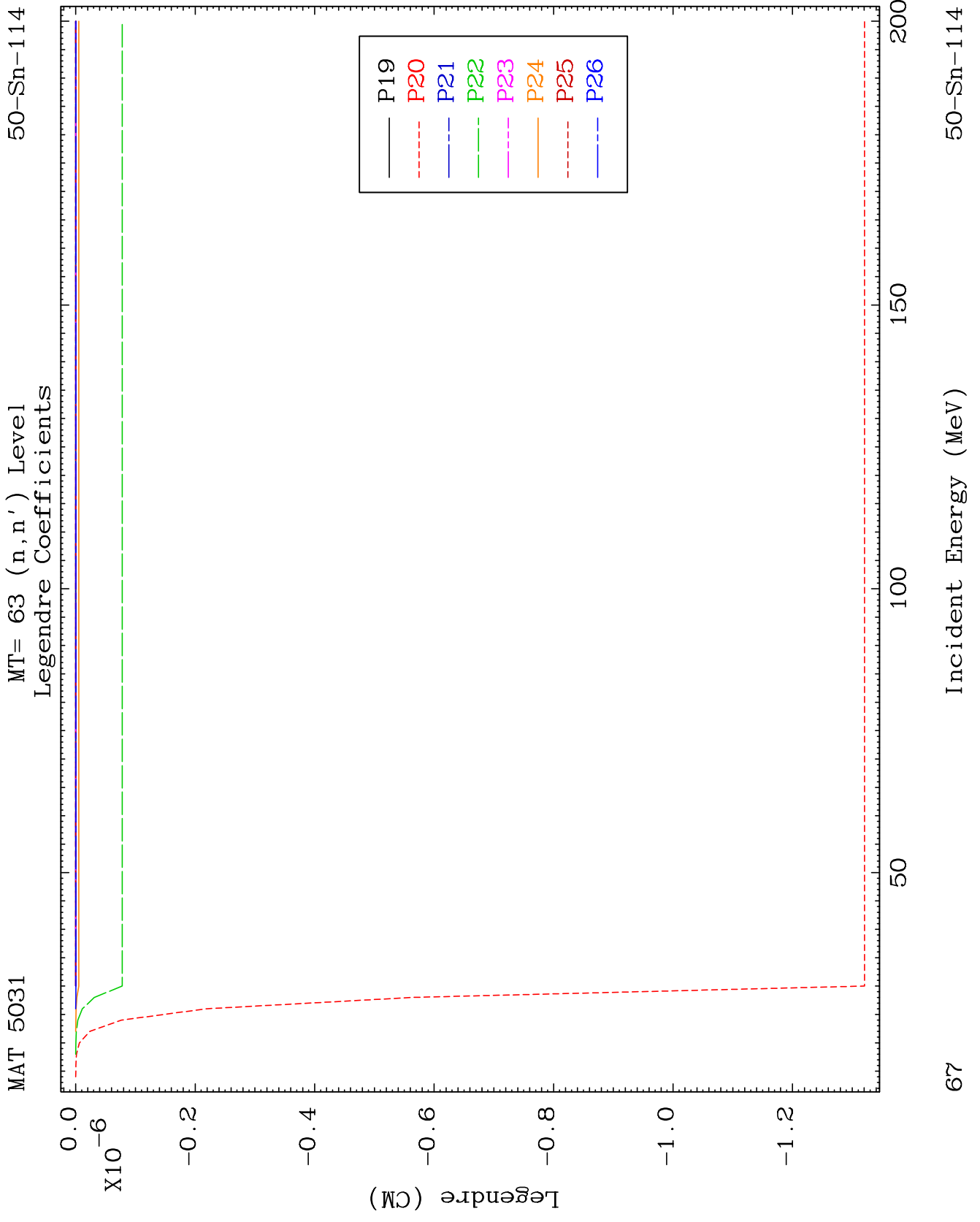
50-Sn-114

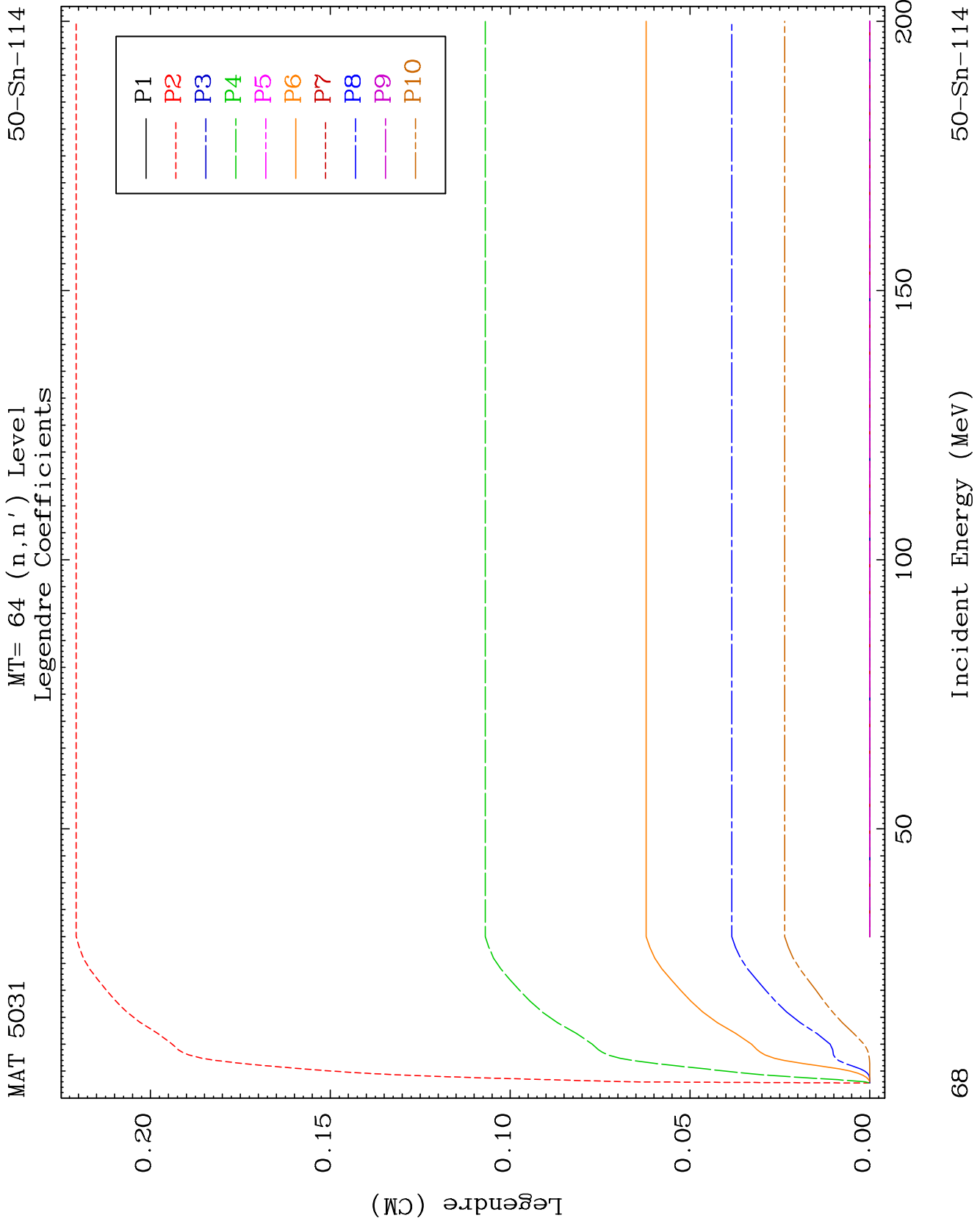


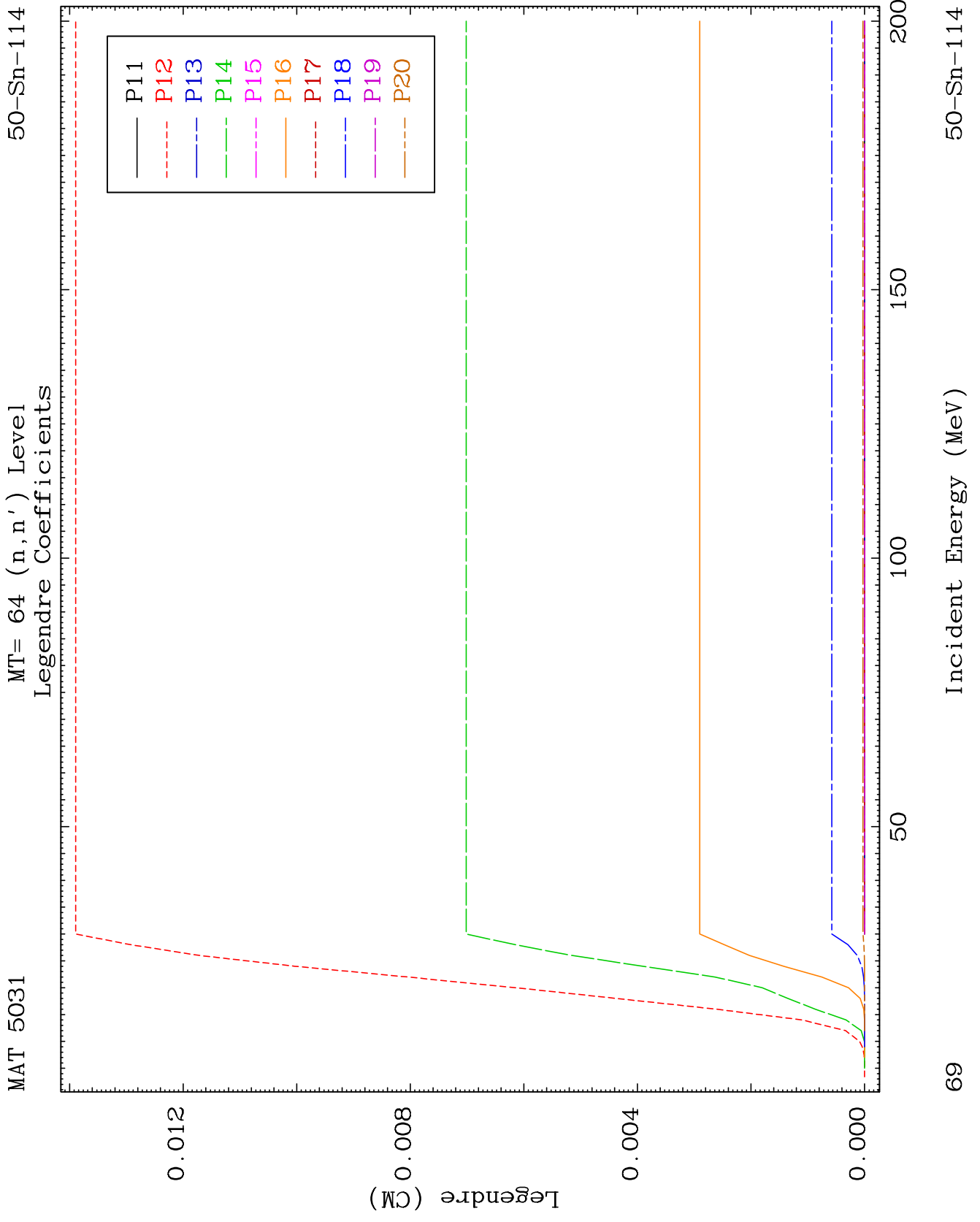


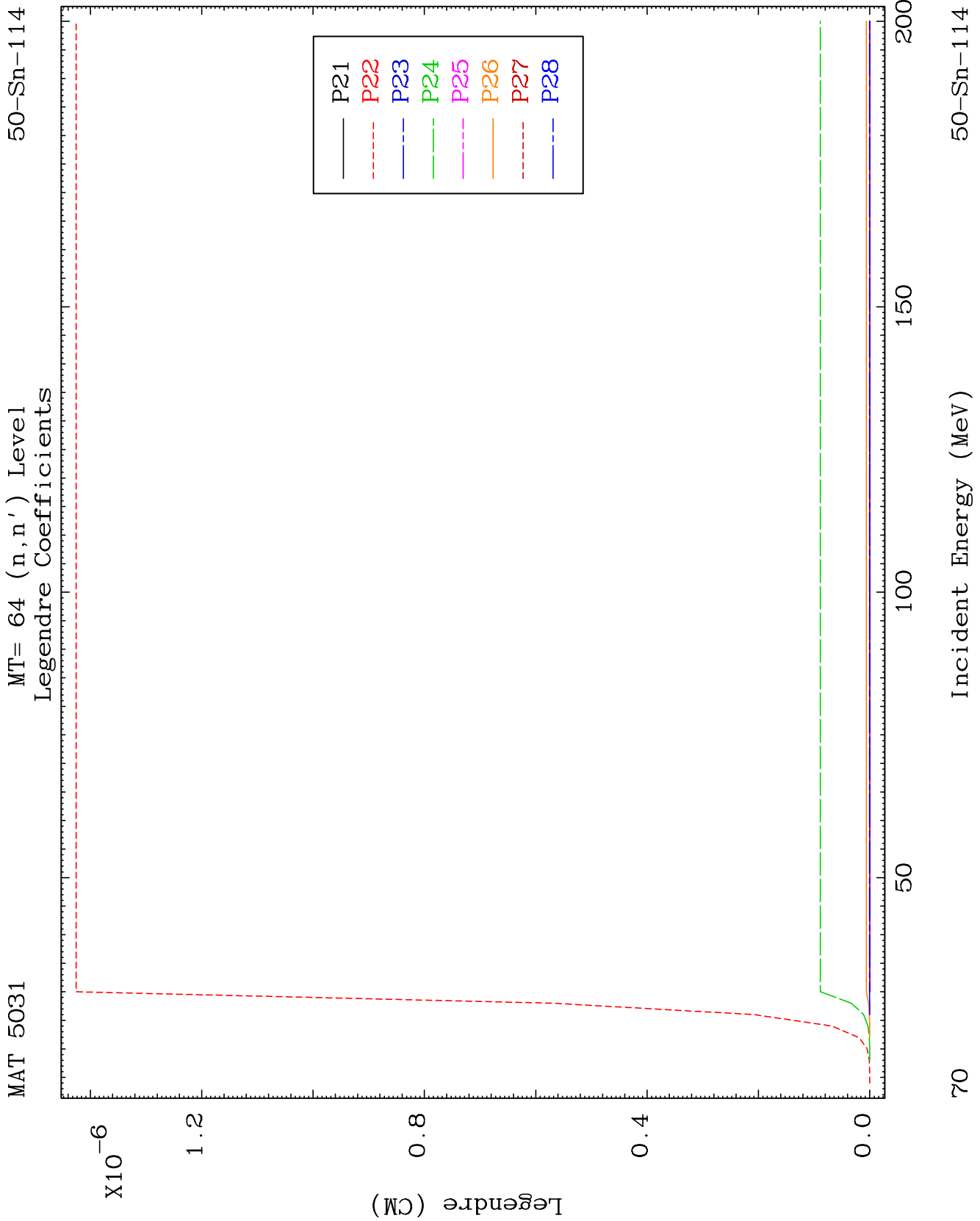


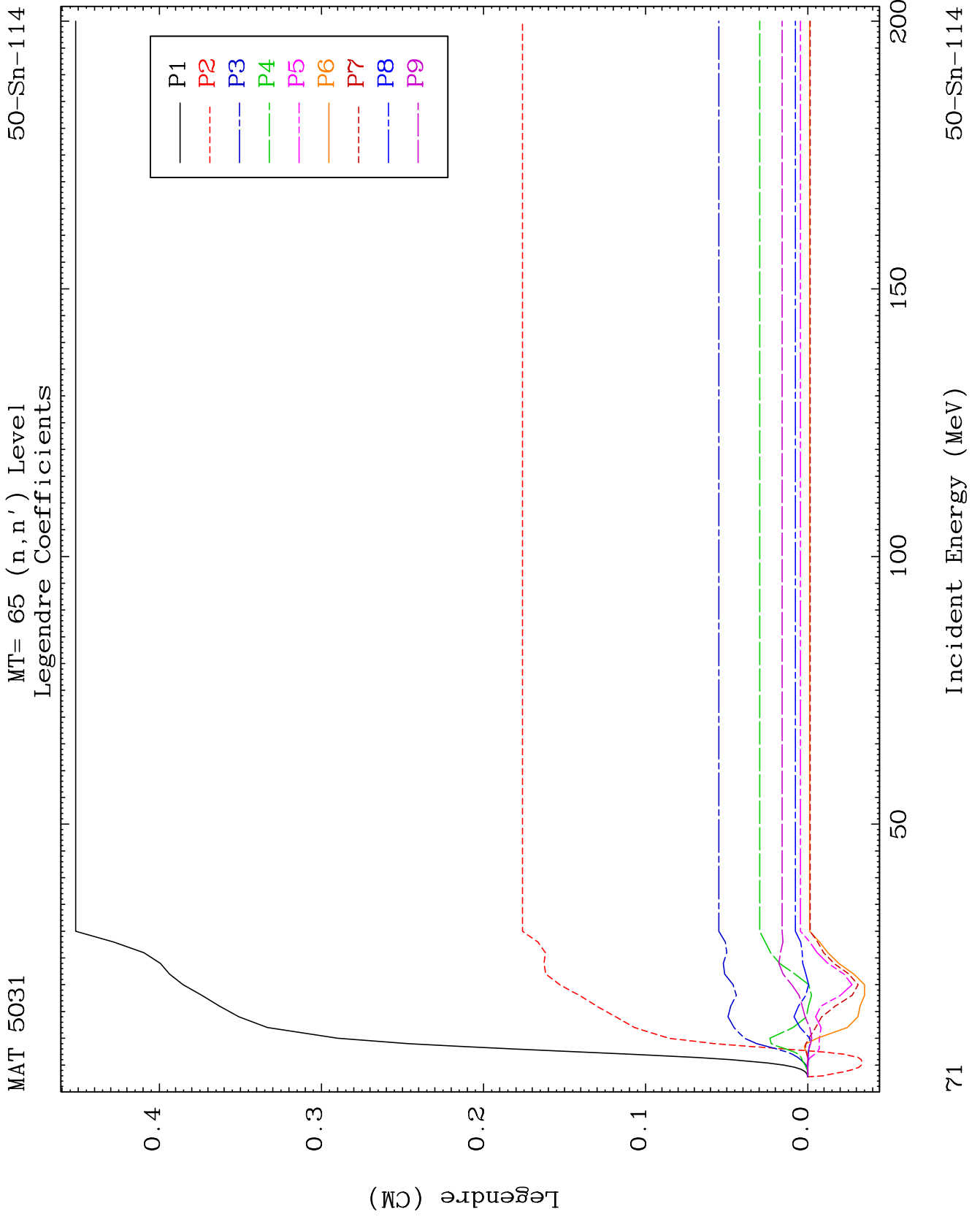


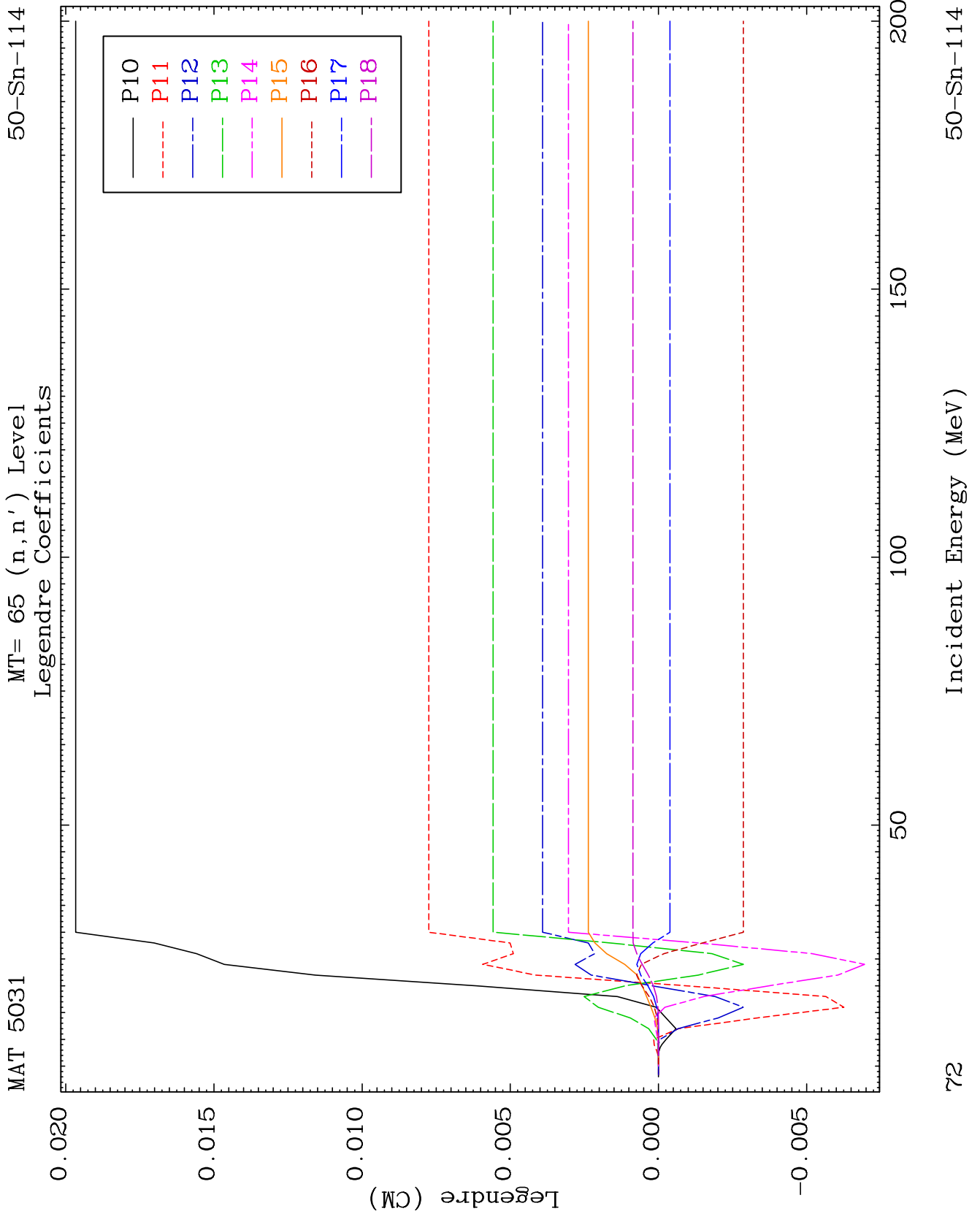








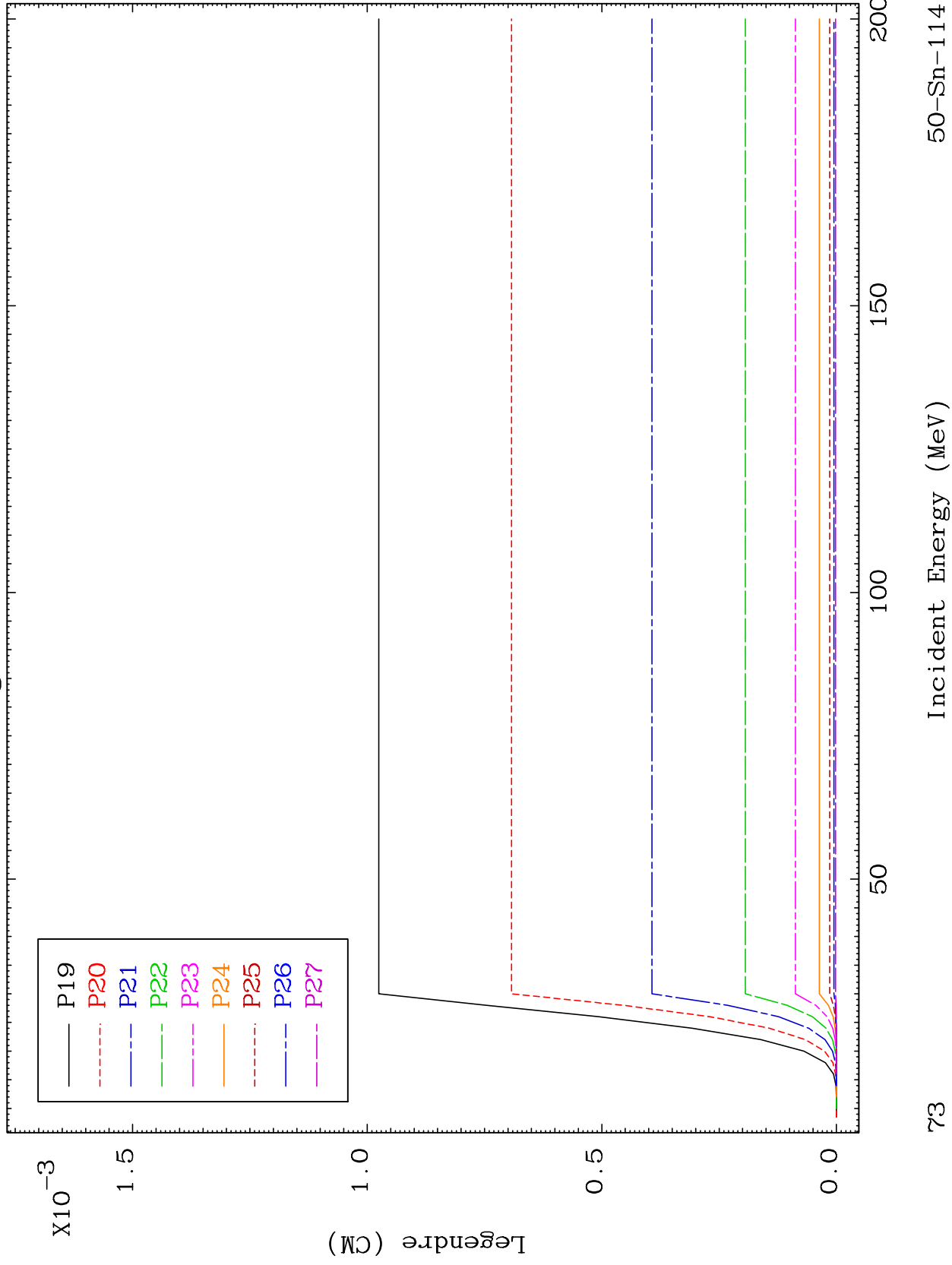




MAT 5031

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

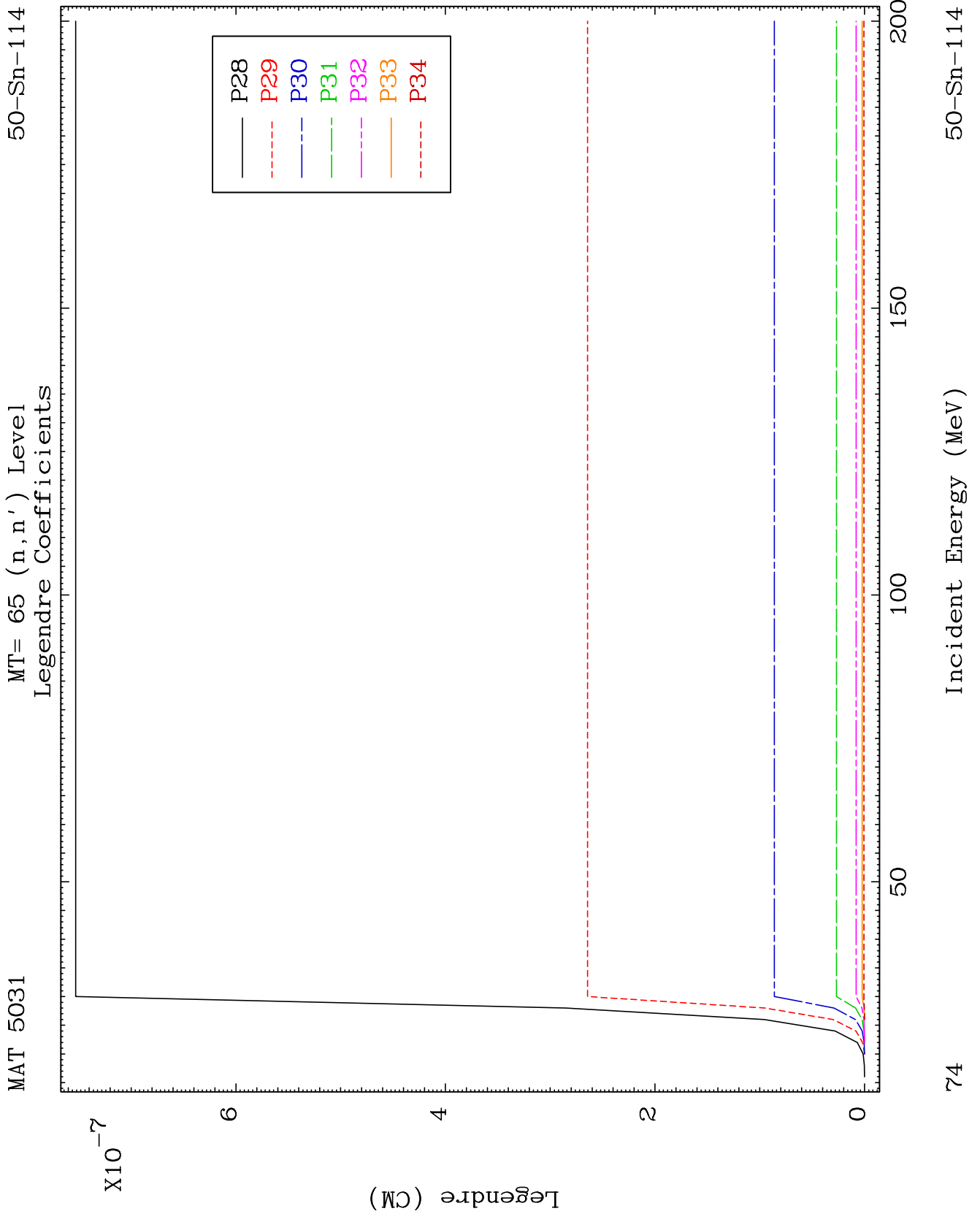
50-Sn-114

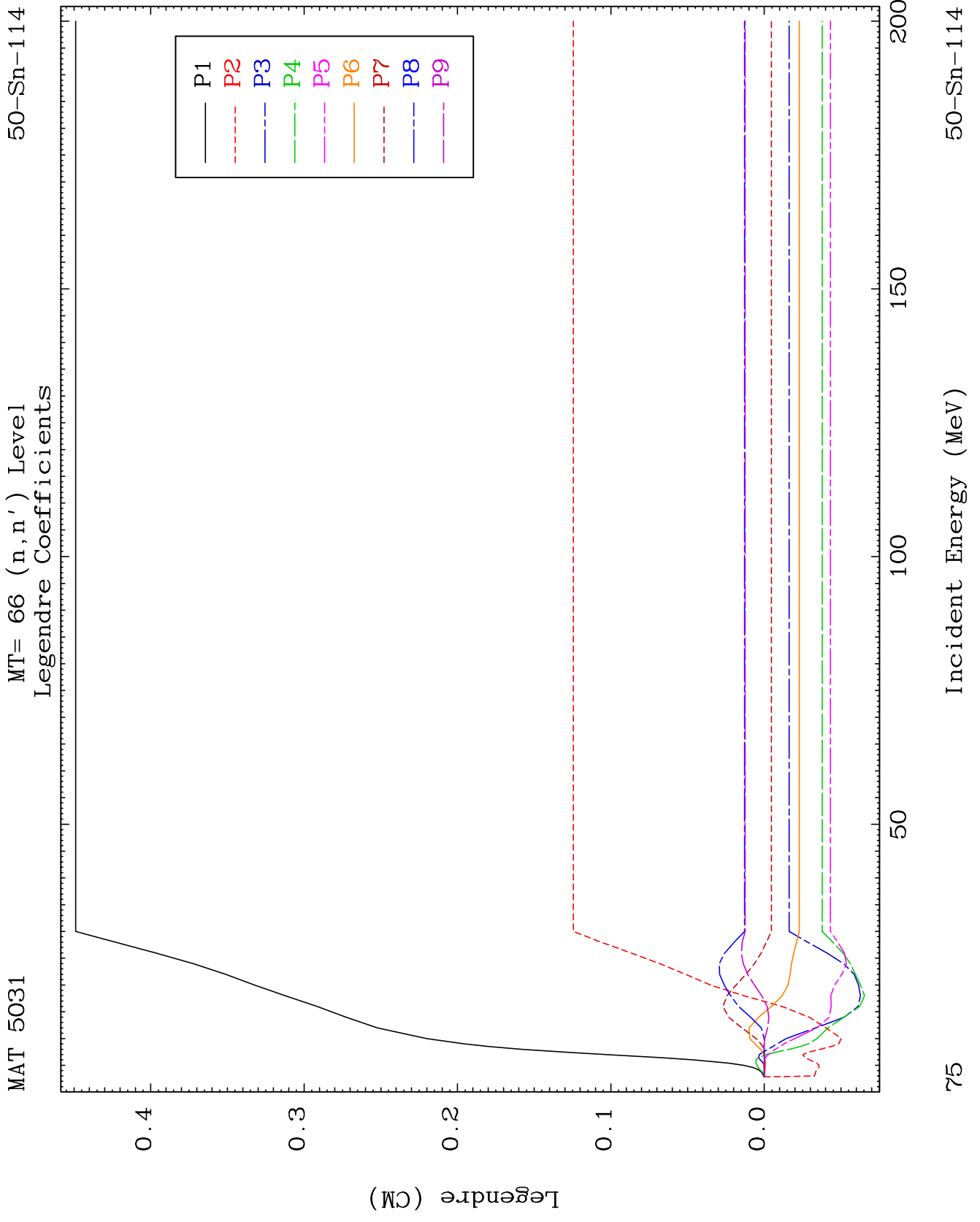


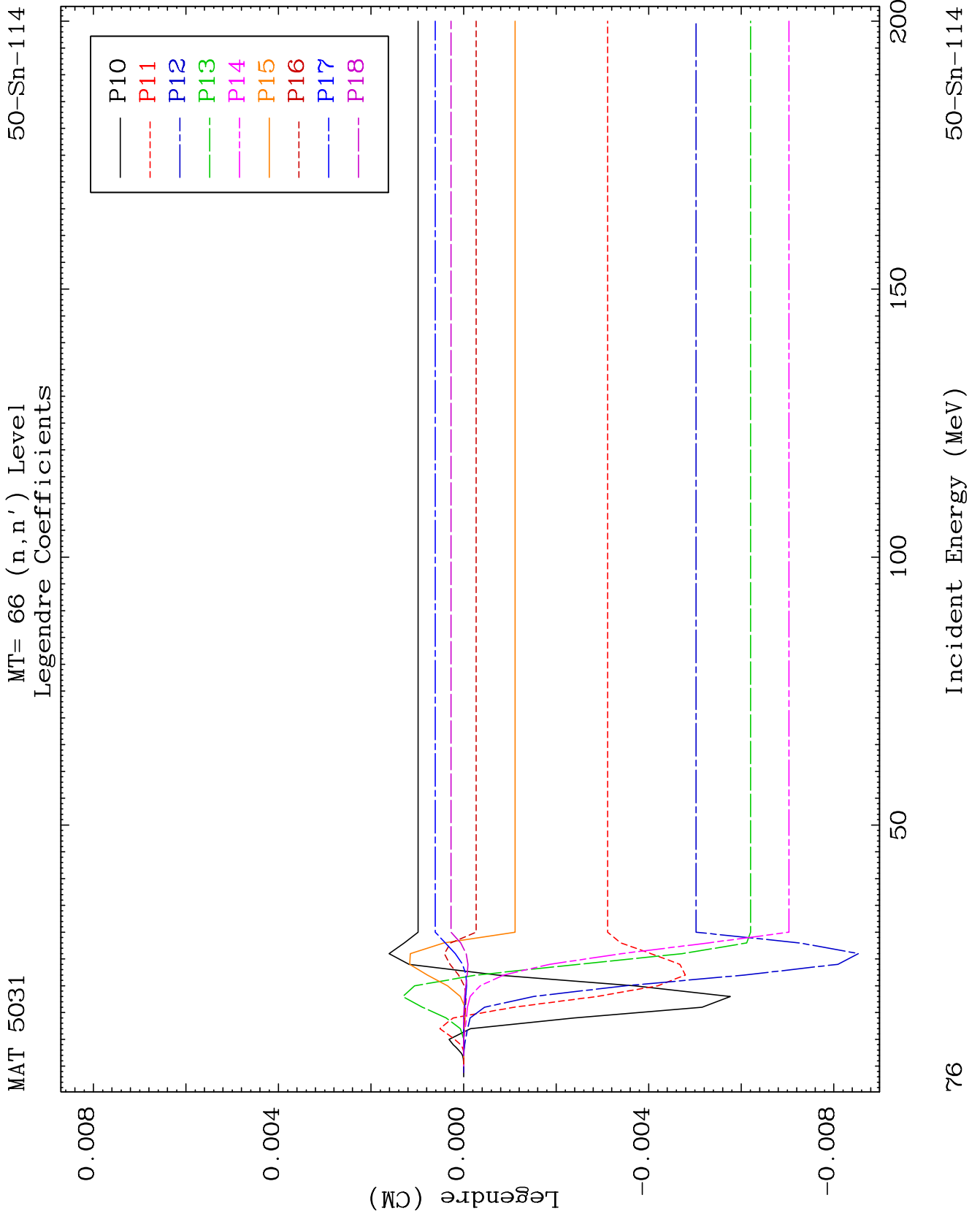
73

Incident Energy (MeV)

50-Sn-114



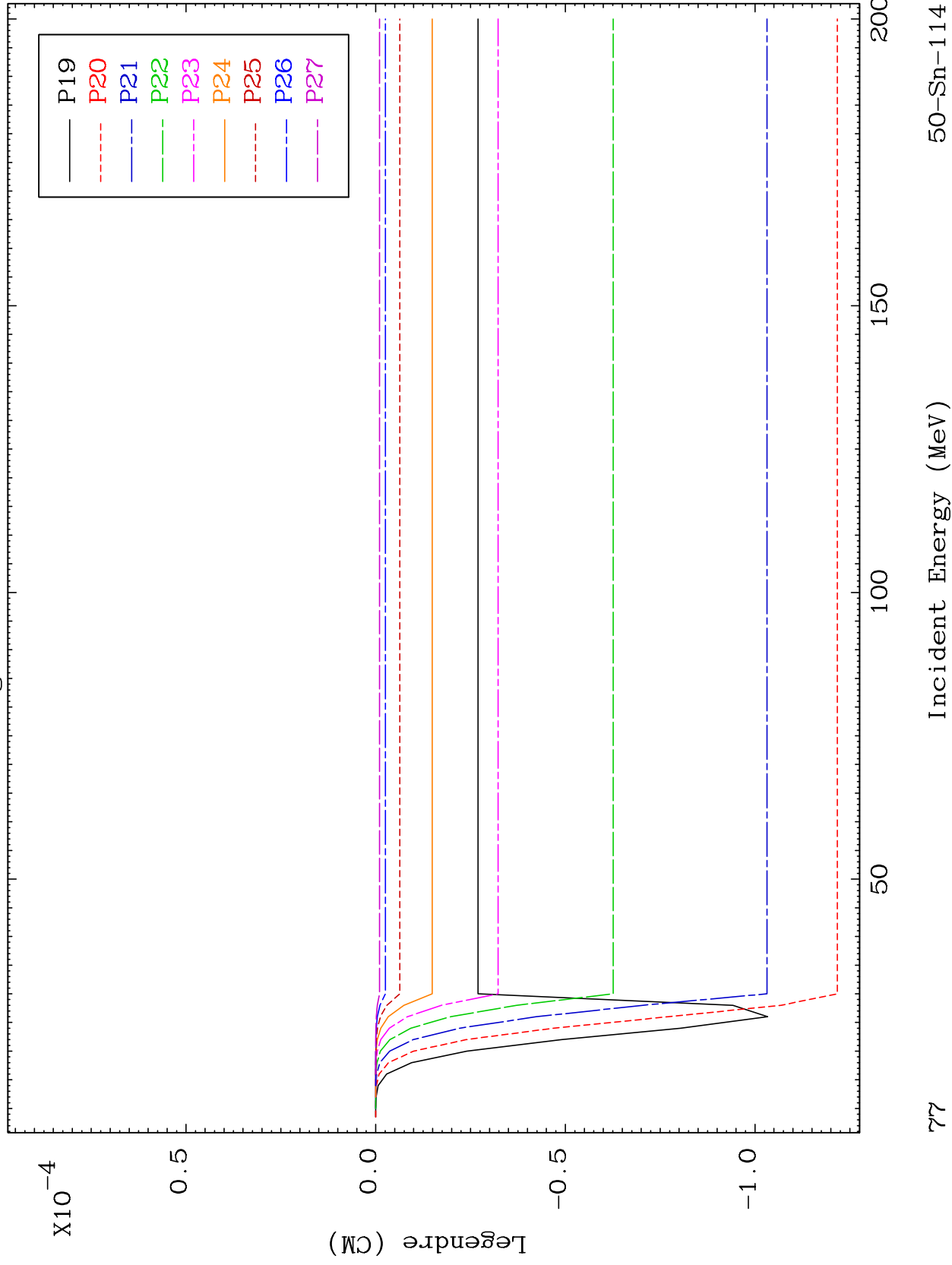


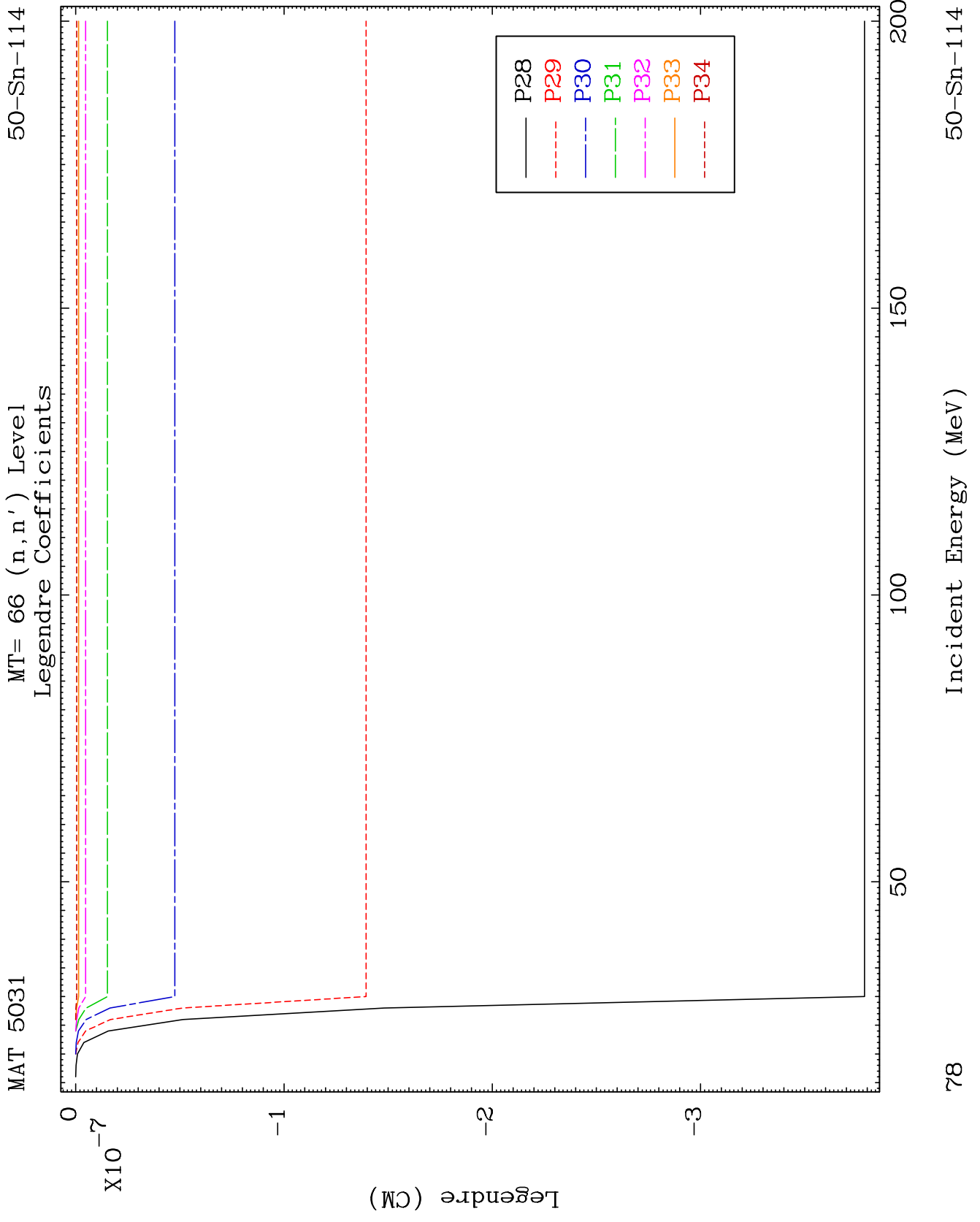


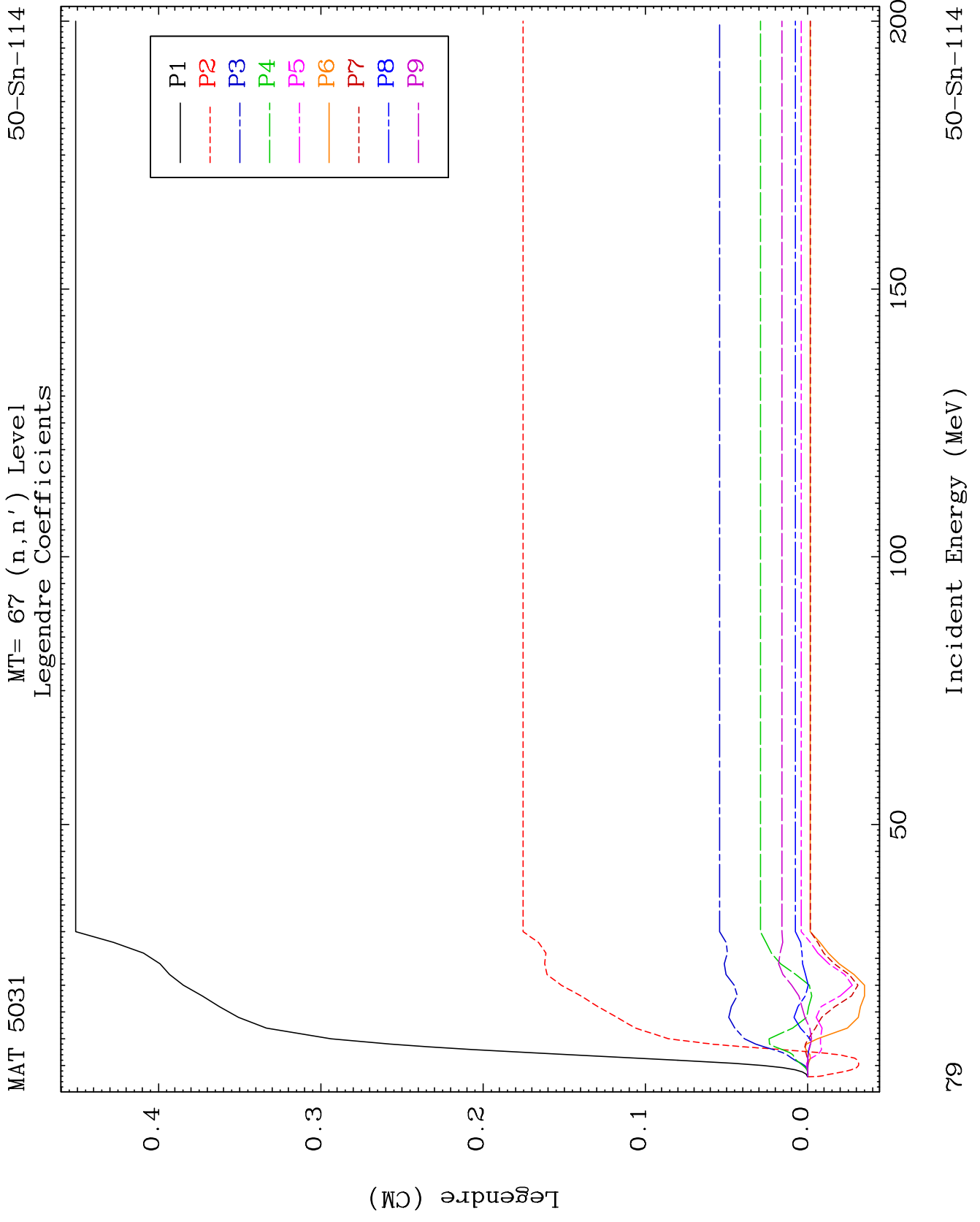
MAT 5031

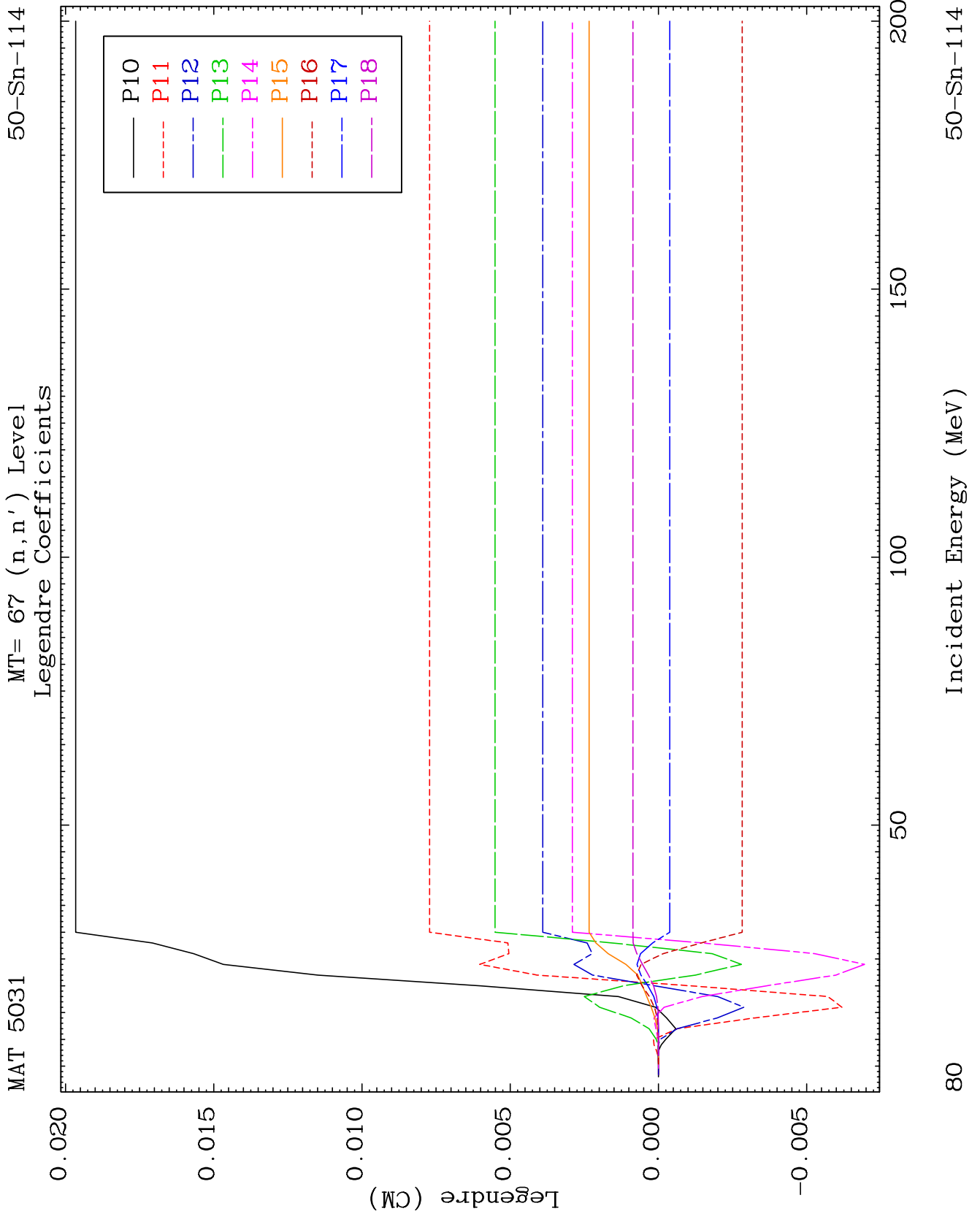
MT= 66 (n,n') Level
Legendre Coefficients

50-Sn-114





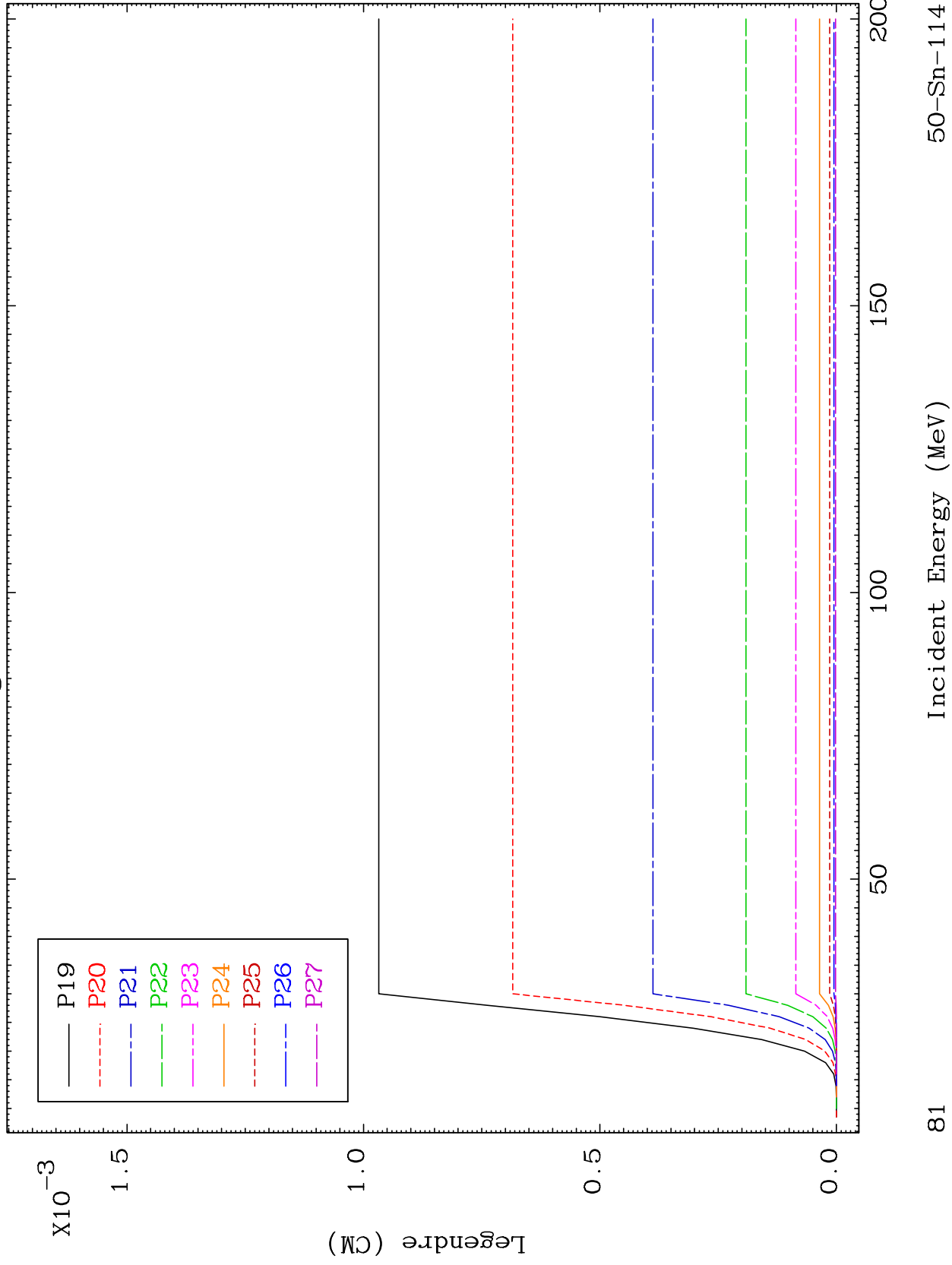




MAT 5031

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

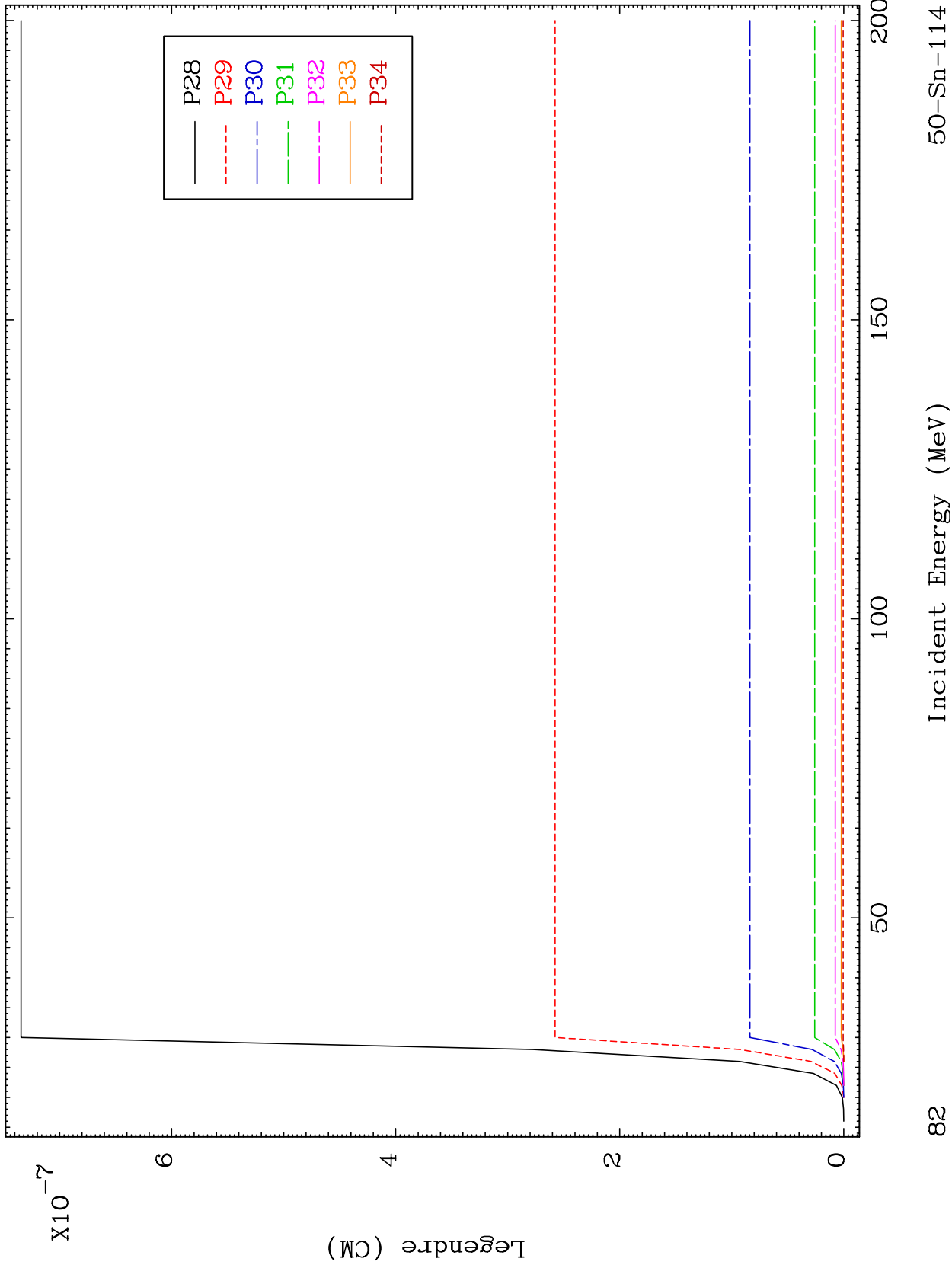
50-Sn-114



MAT 5031

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

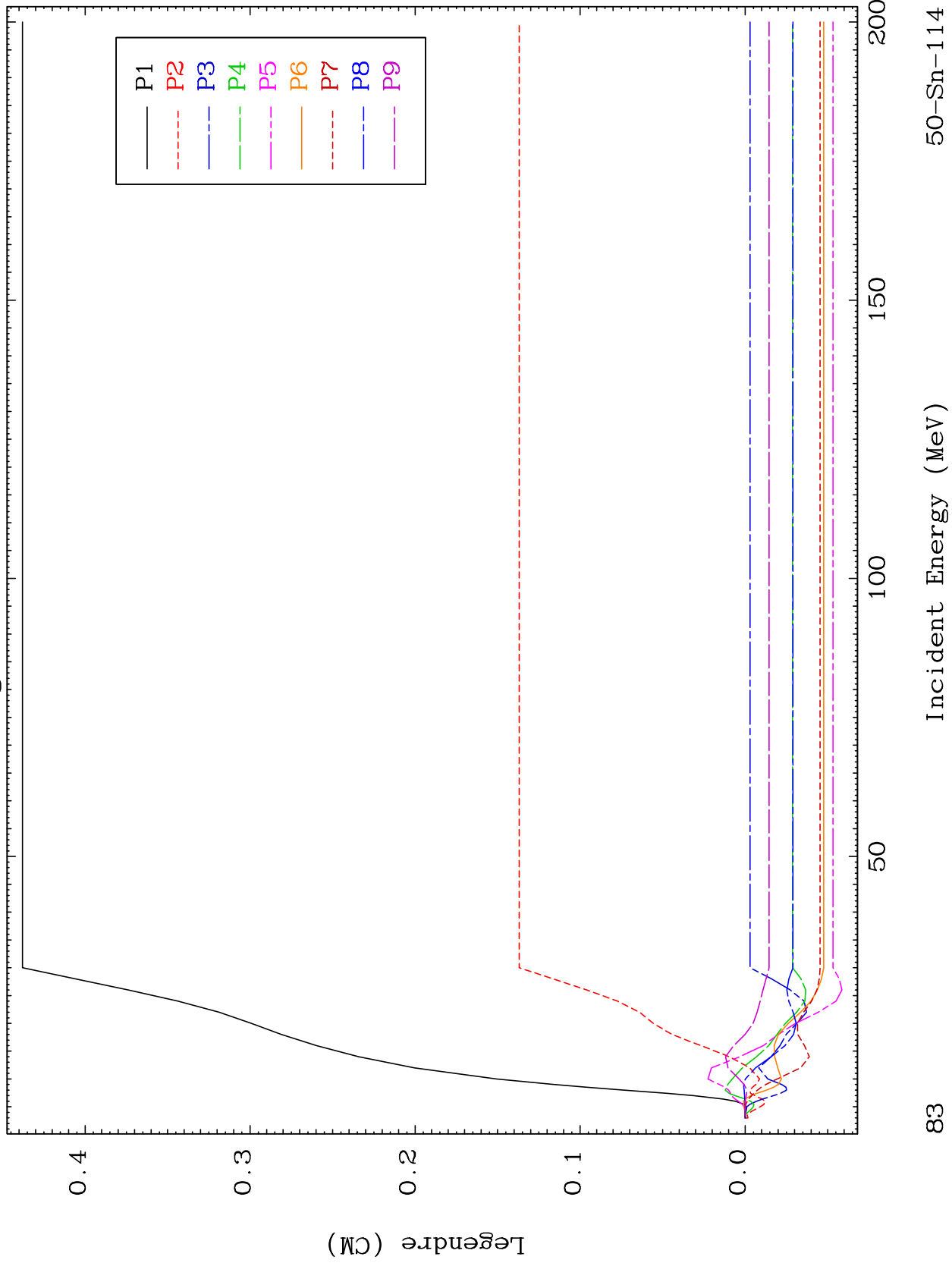
50-Sn-114

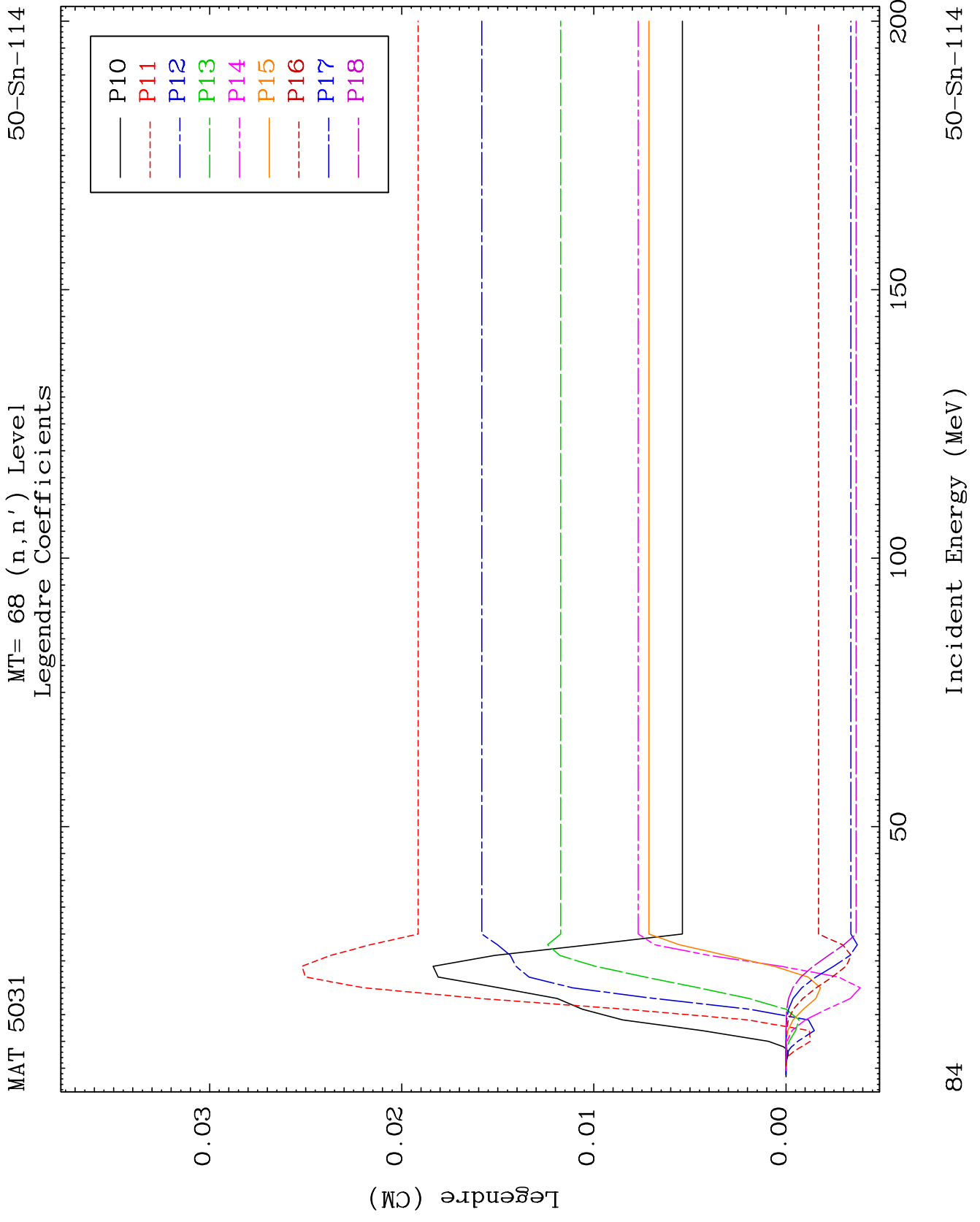


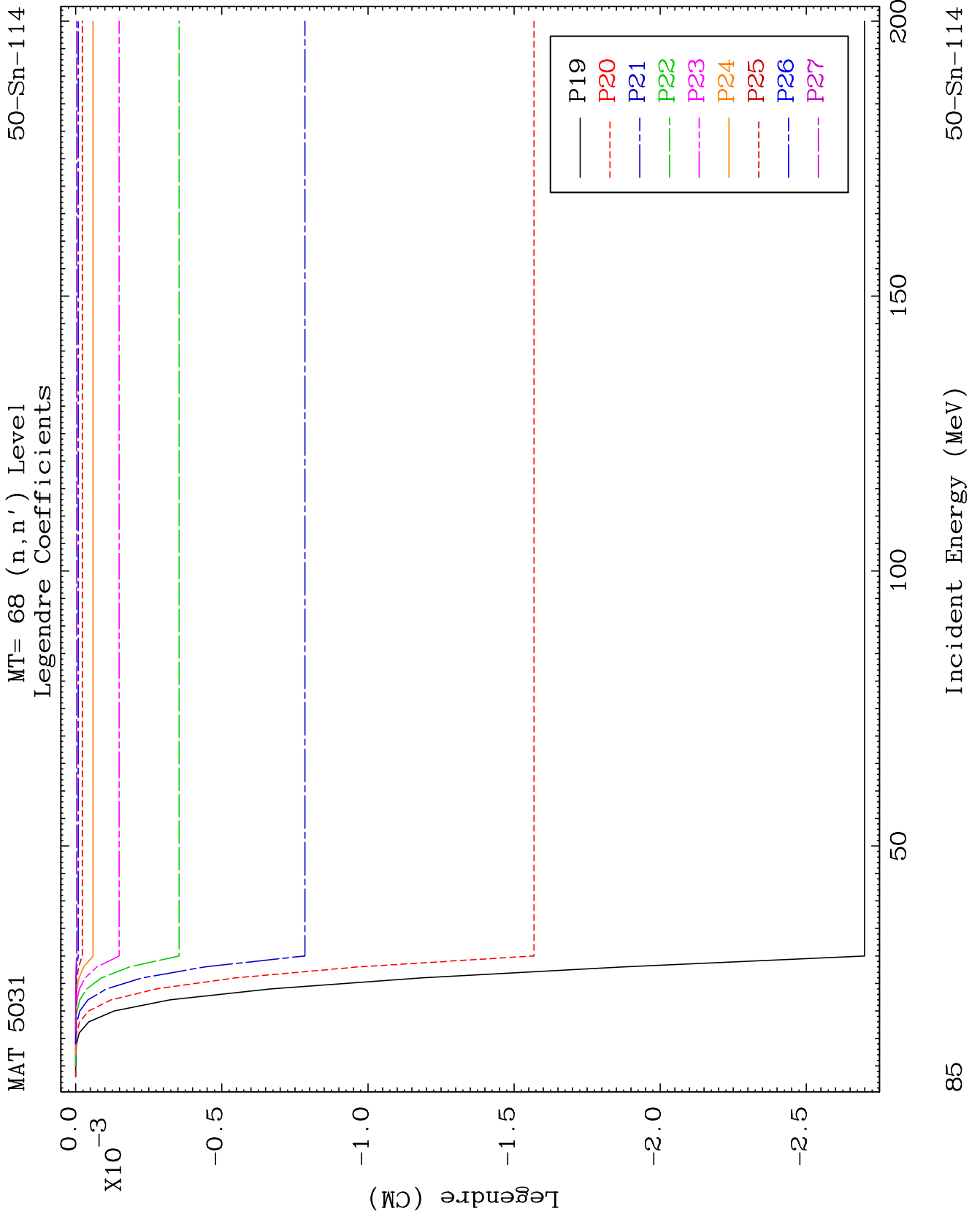
82

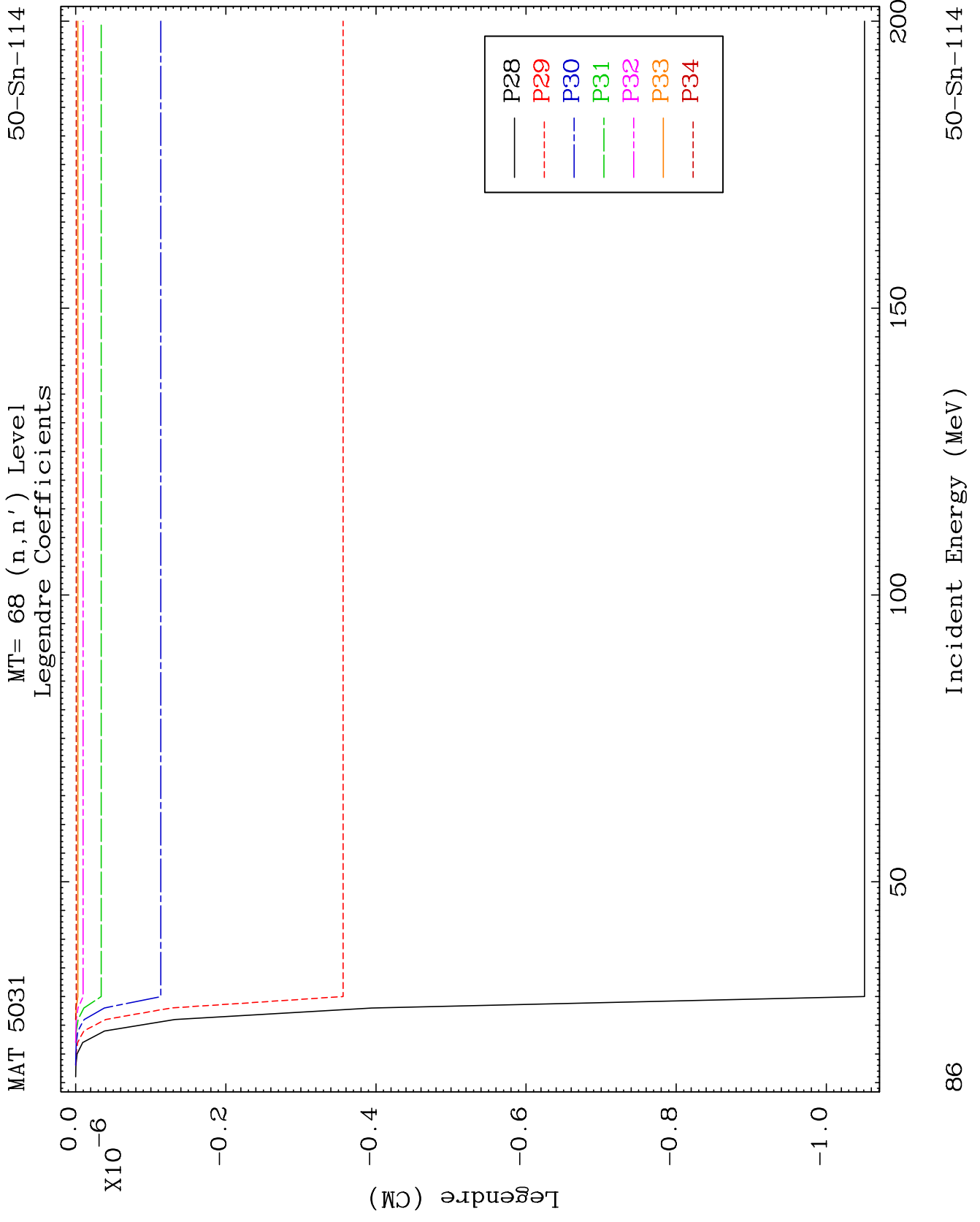
Incident Energy (MeV)

50-Sn-114





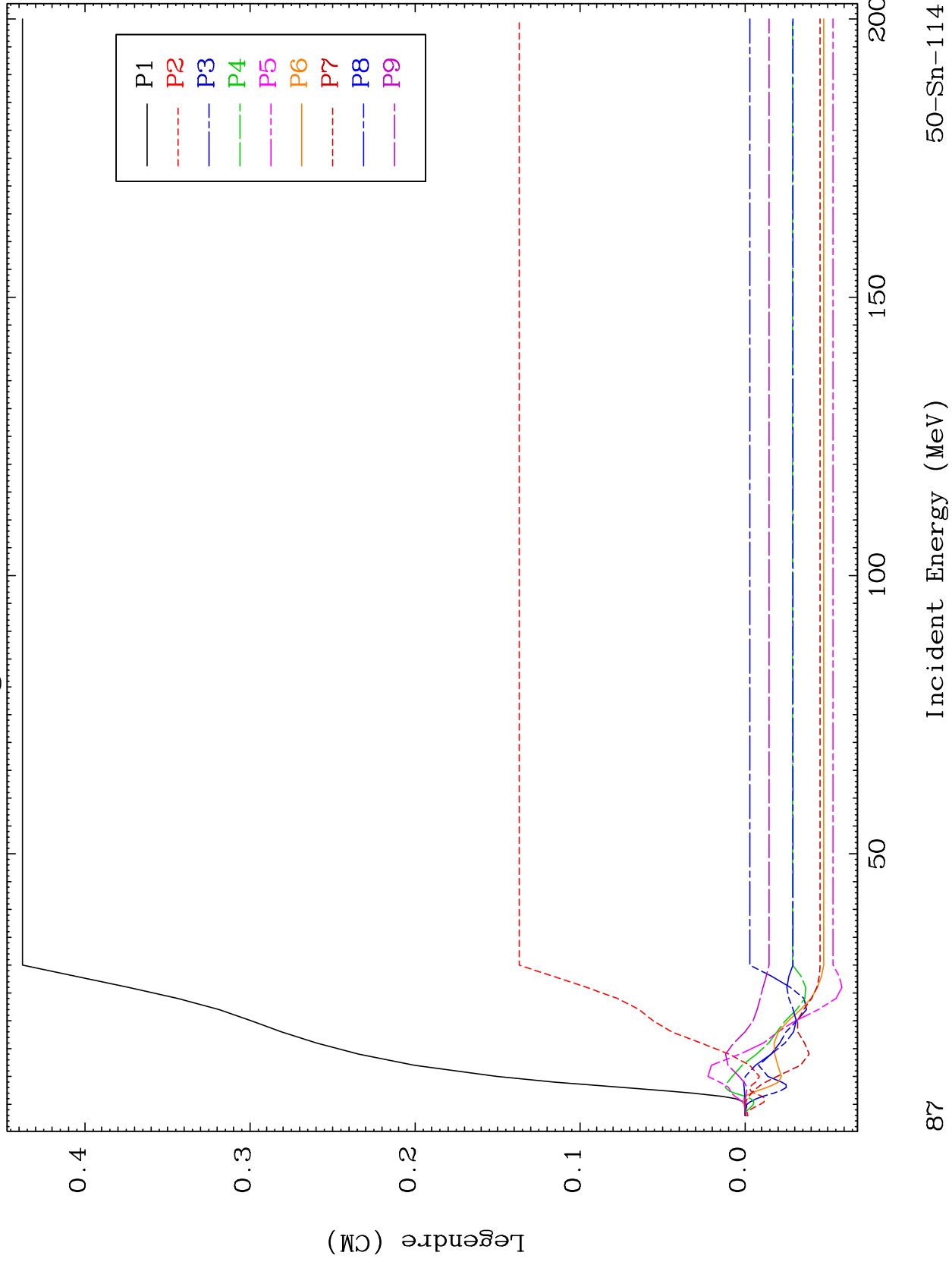




MAT 5031

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

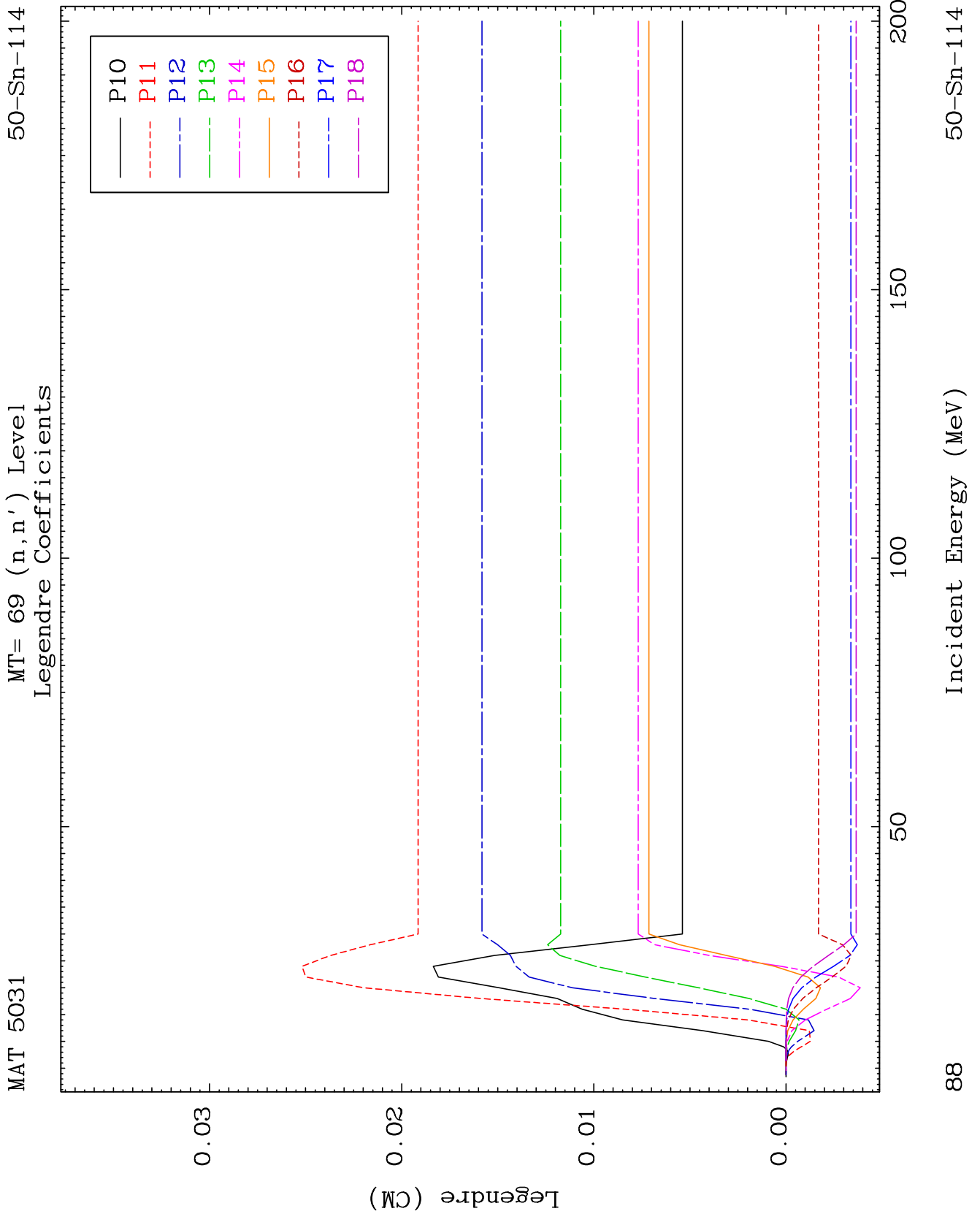
50-Sn-114

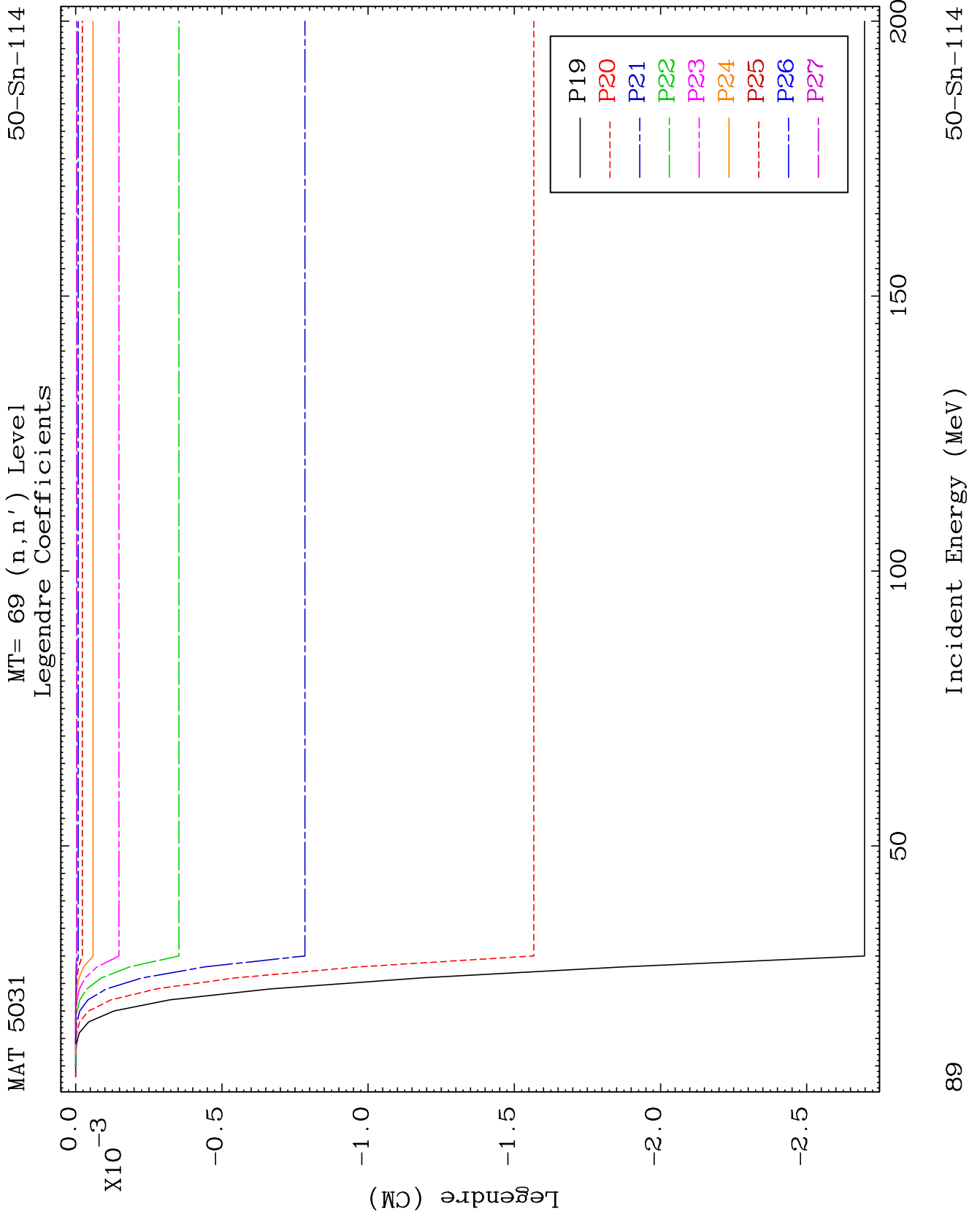


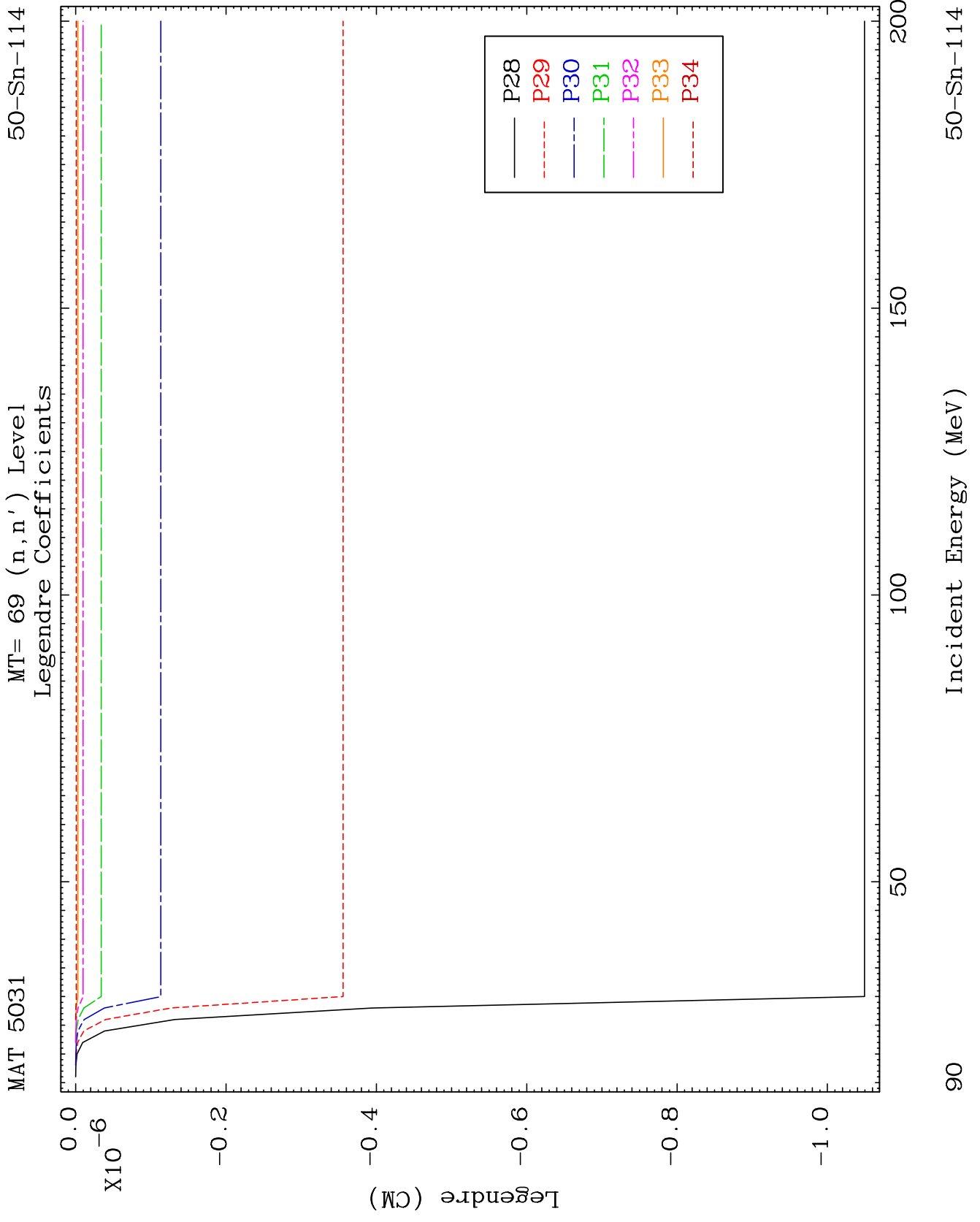
87

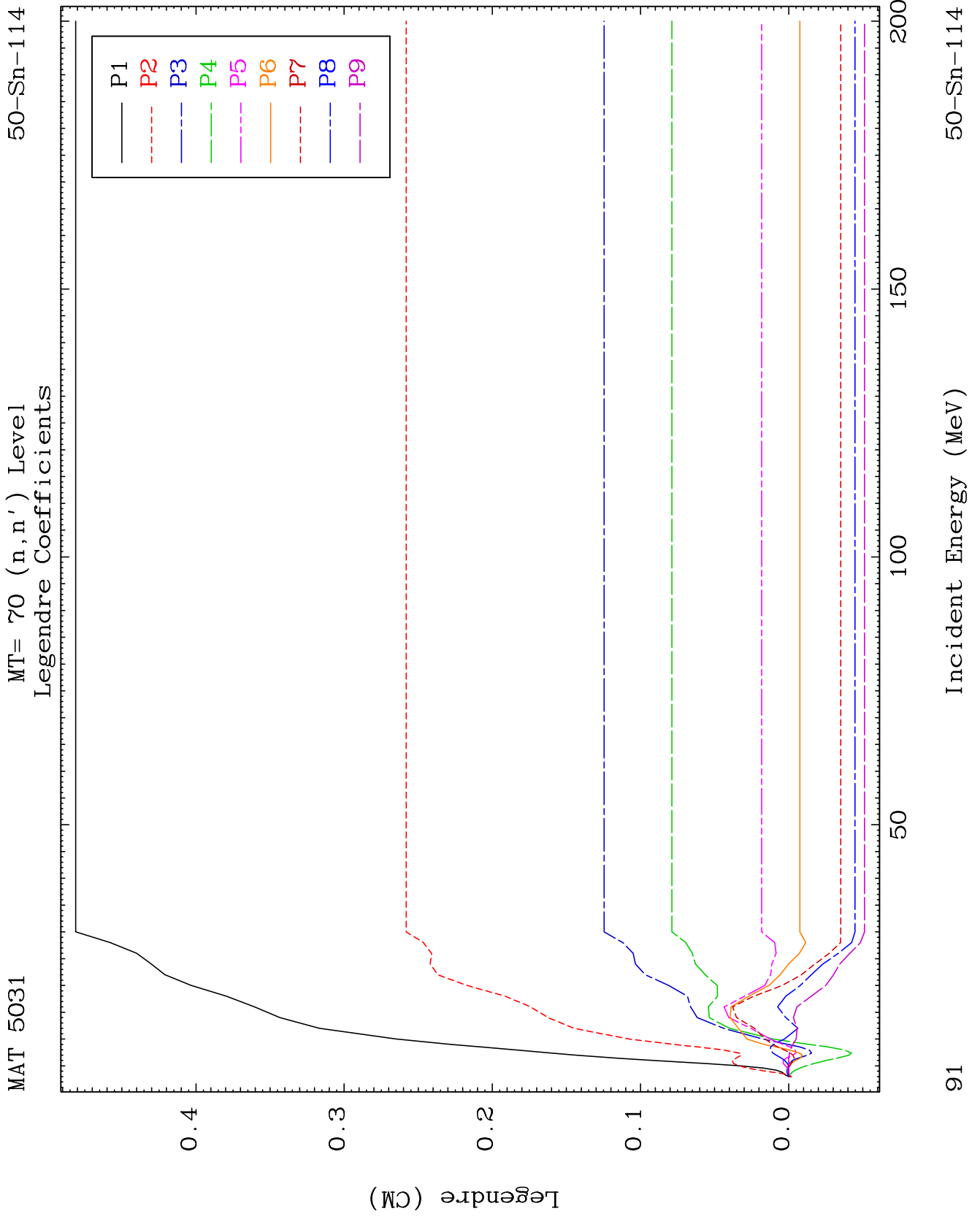
Incident Energy (MeV)

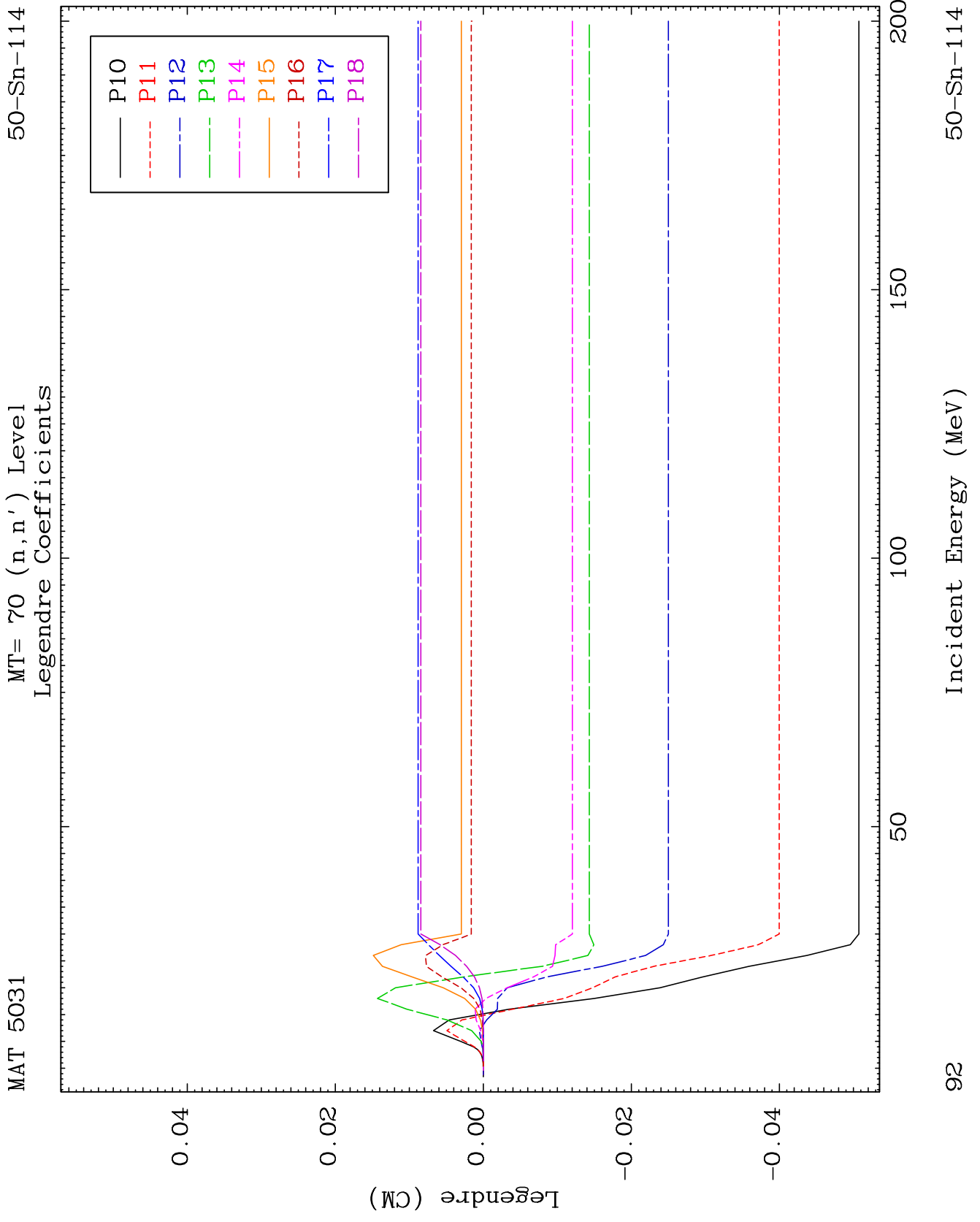
50-Sn-114







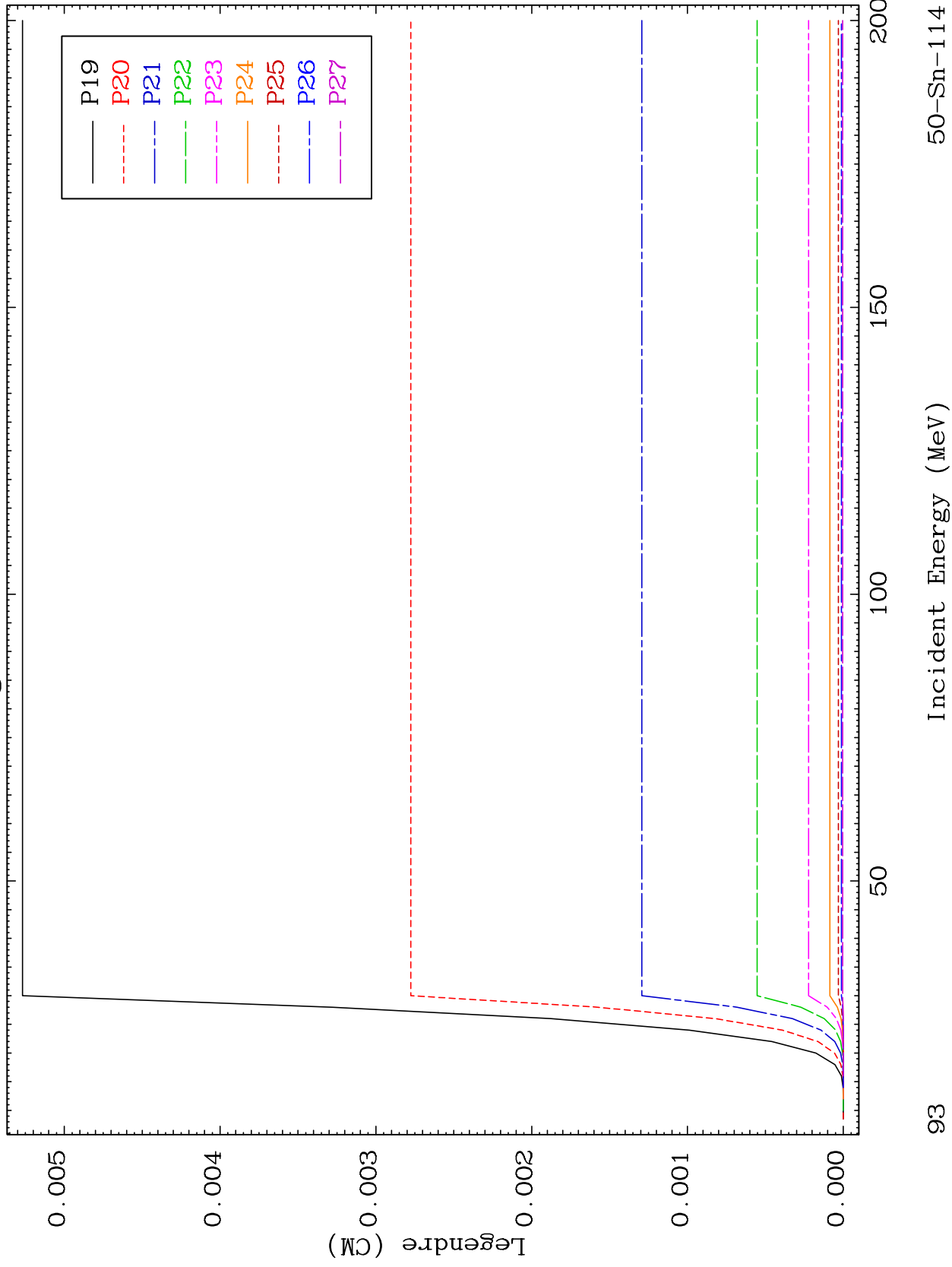




MAT 5031

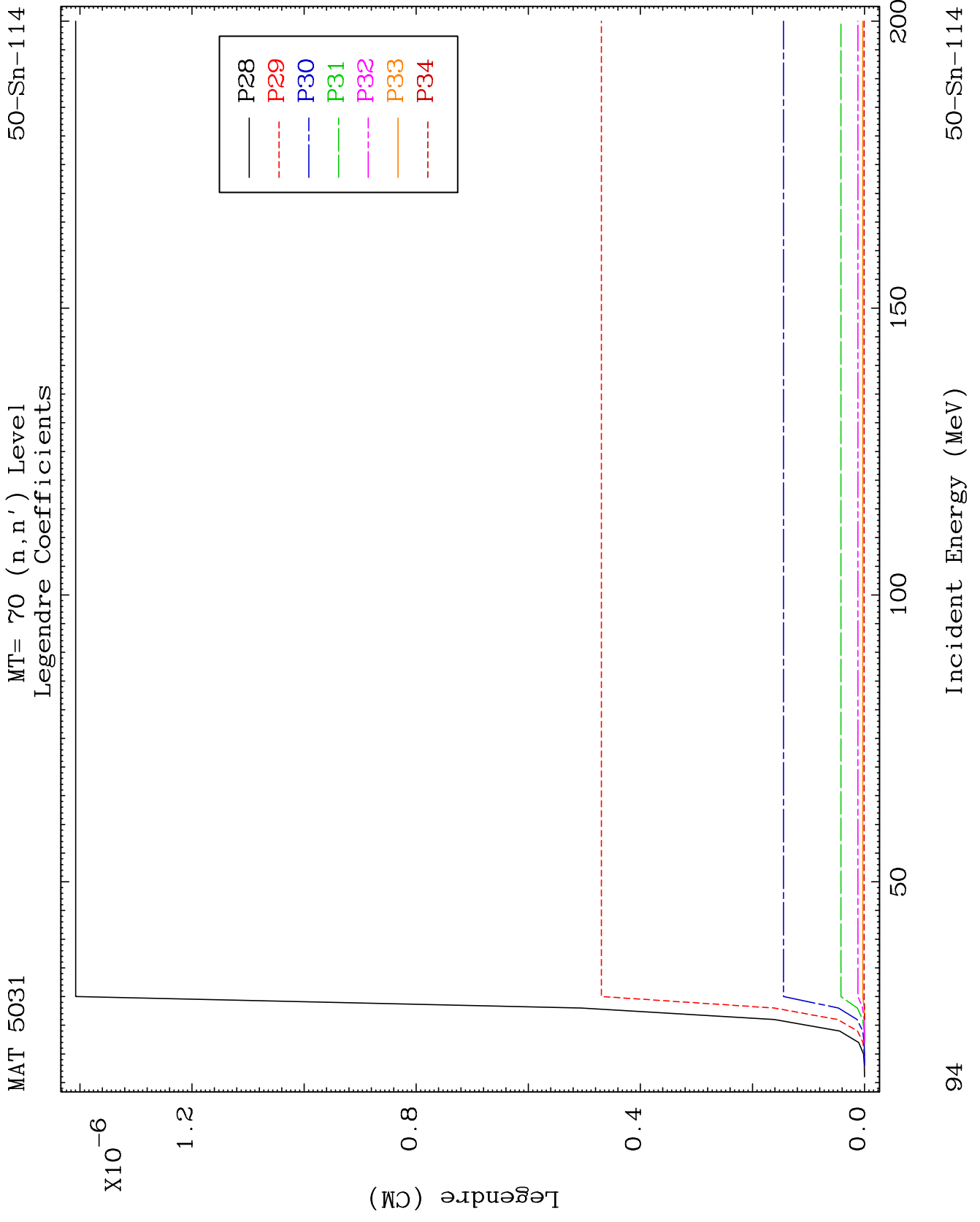
MT= 70 (n,n') Level
Legendre Coefficients

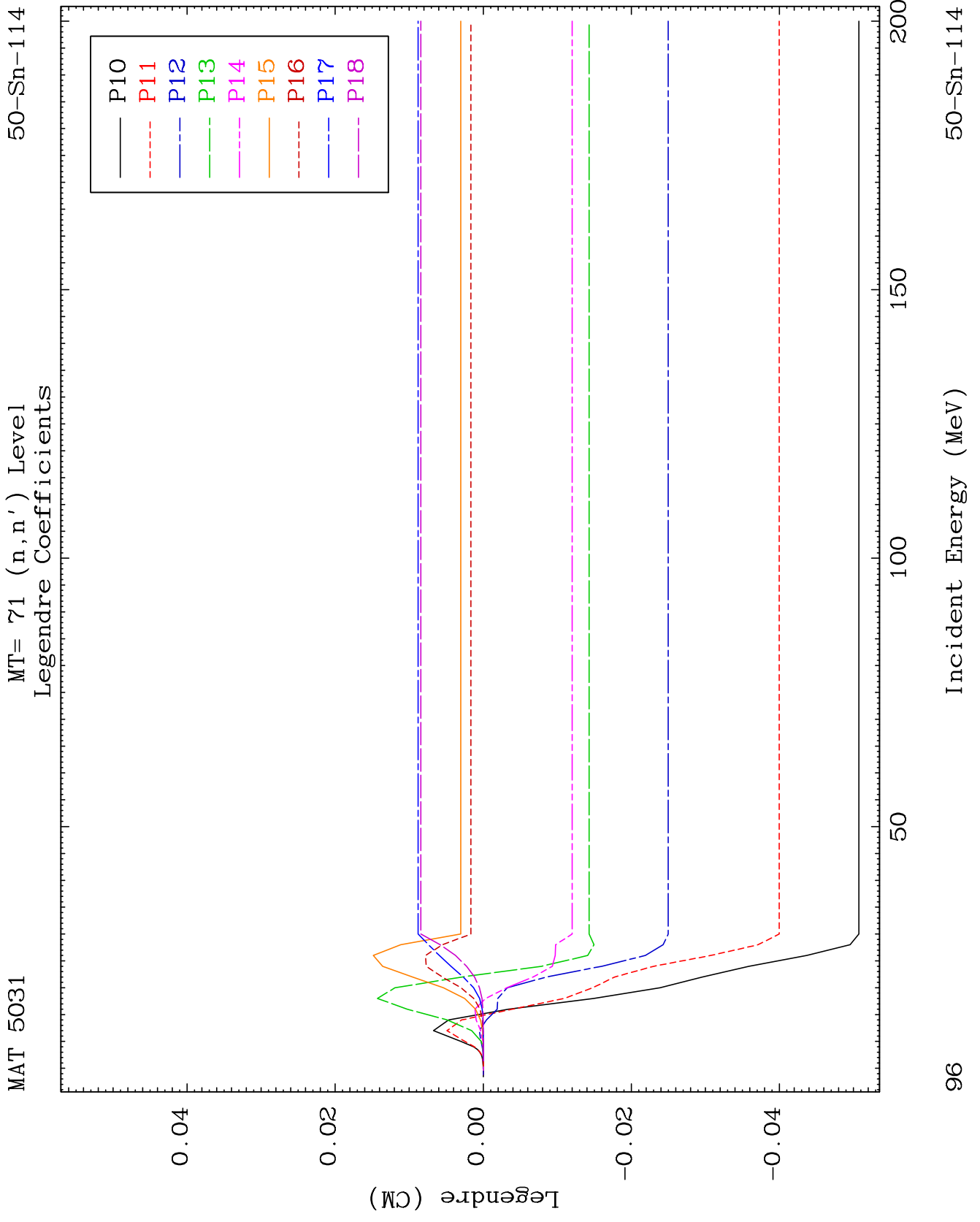
50-Sn-114

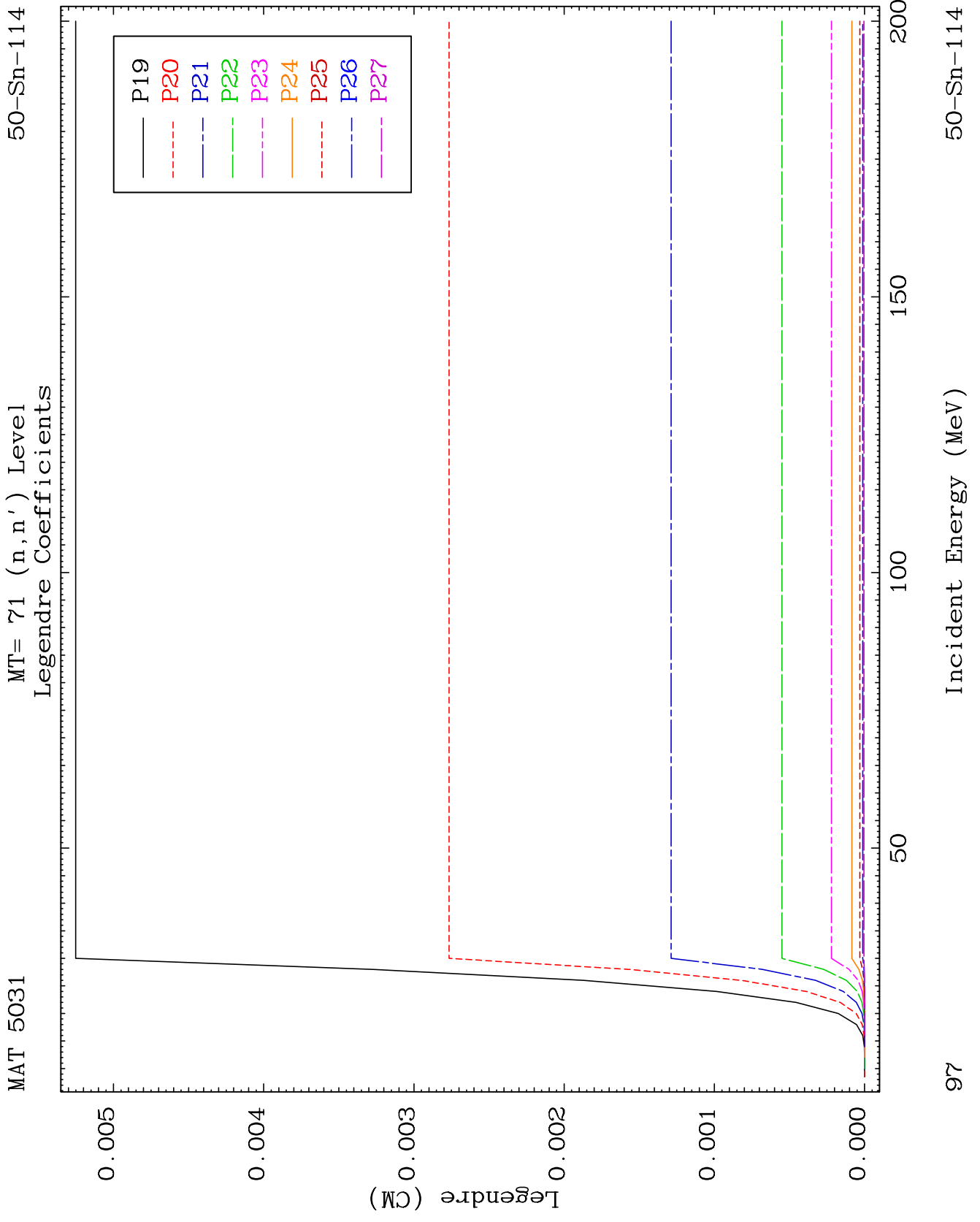


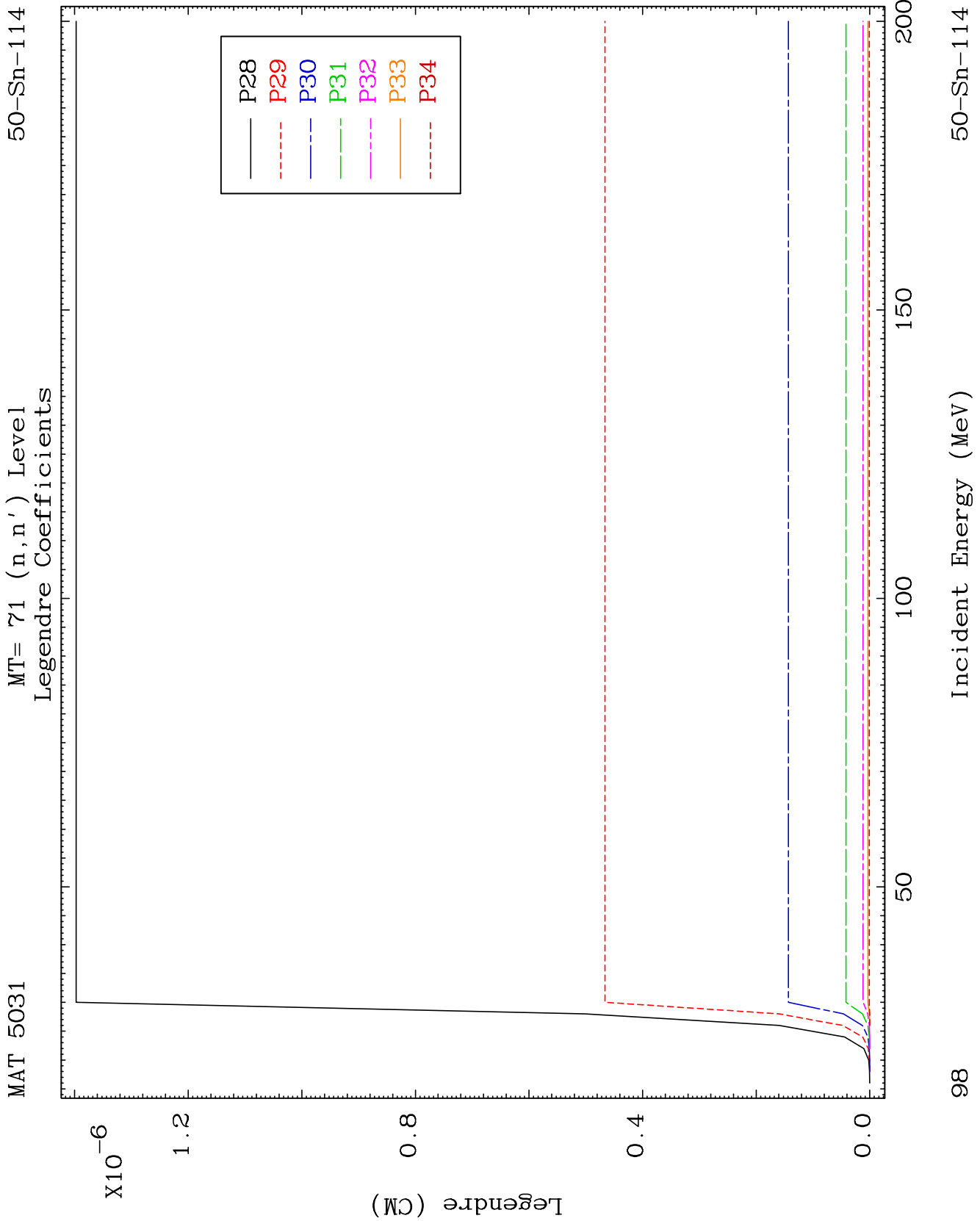
93

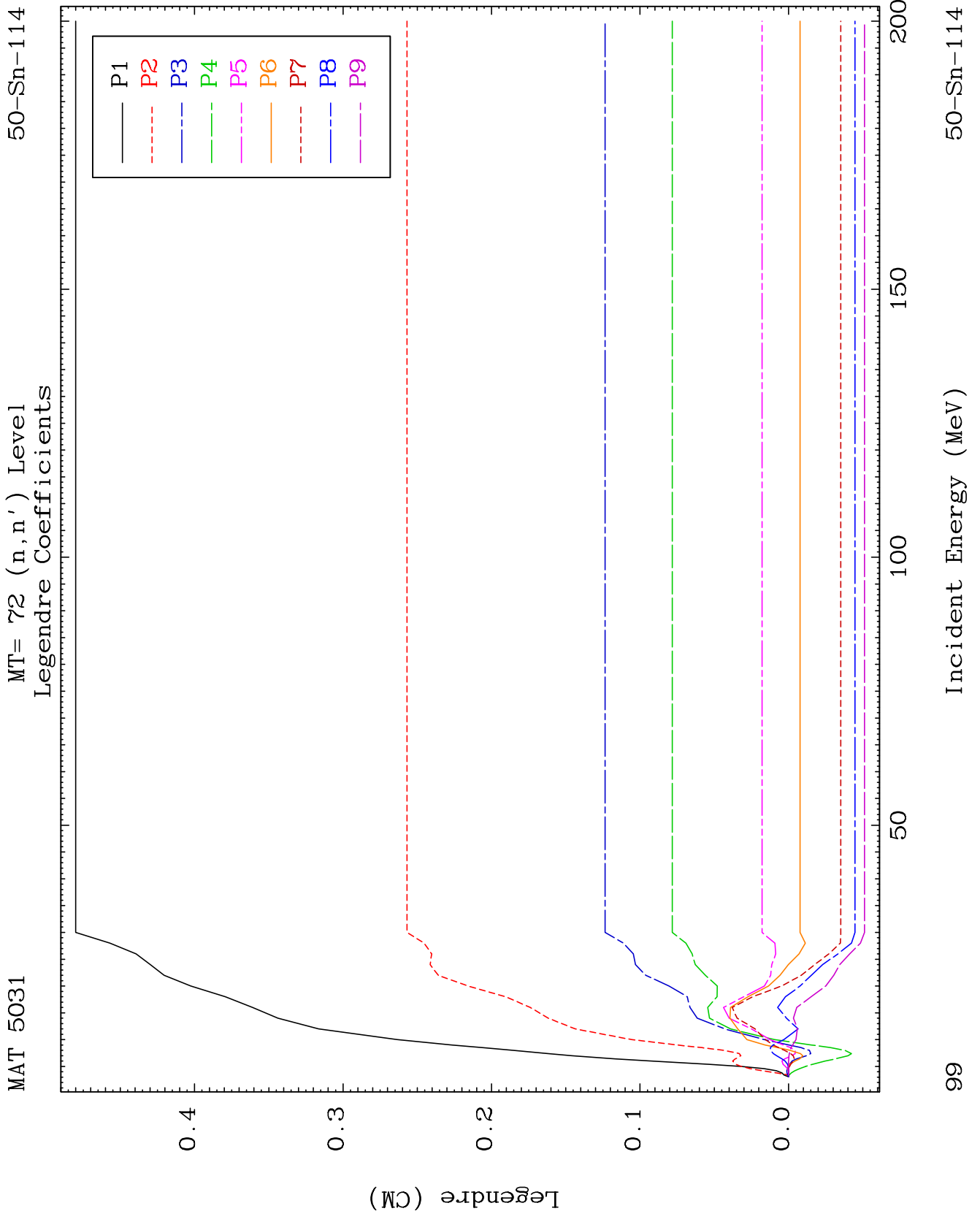
50-Sn-114

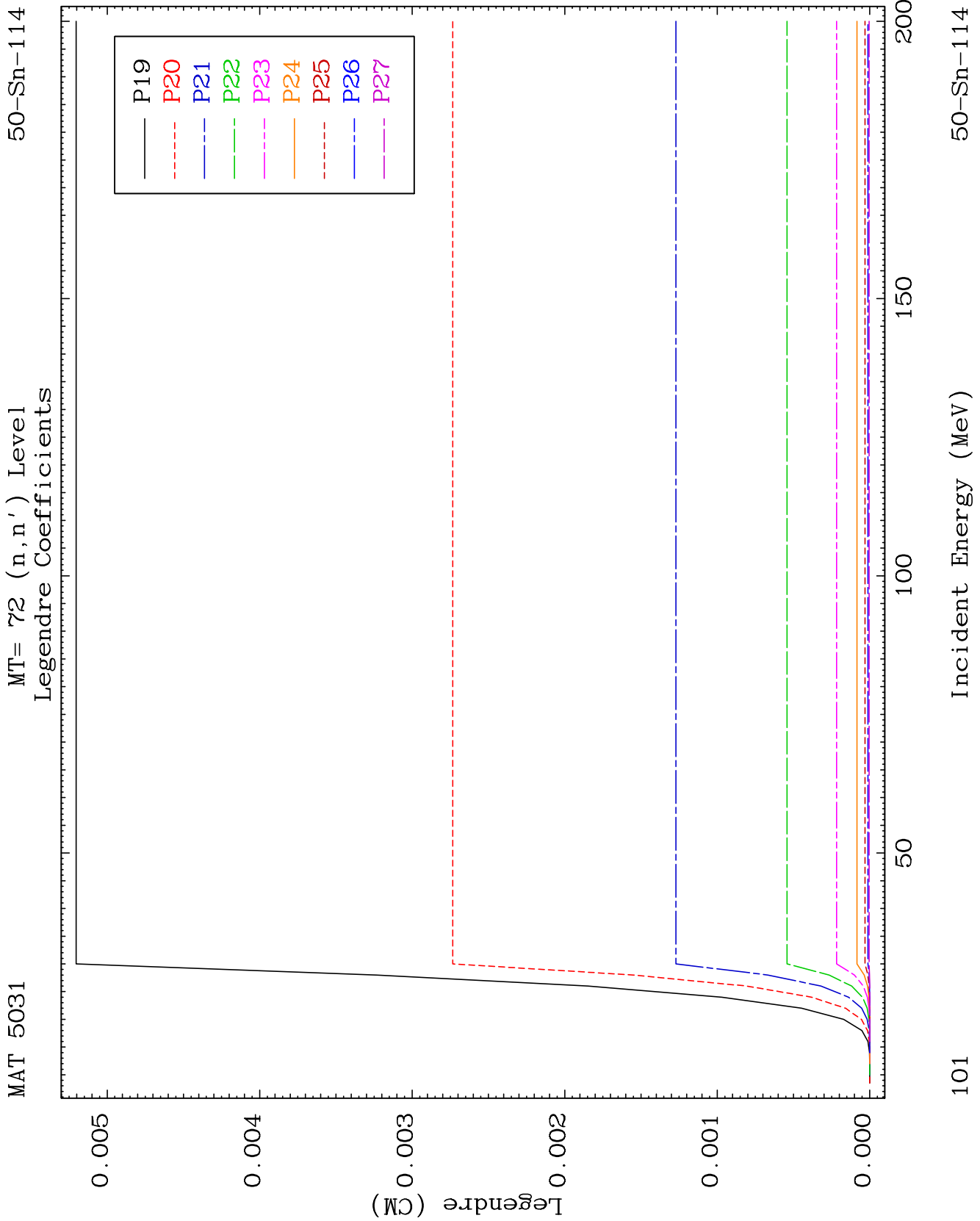


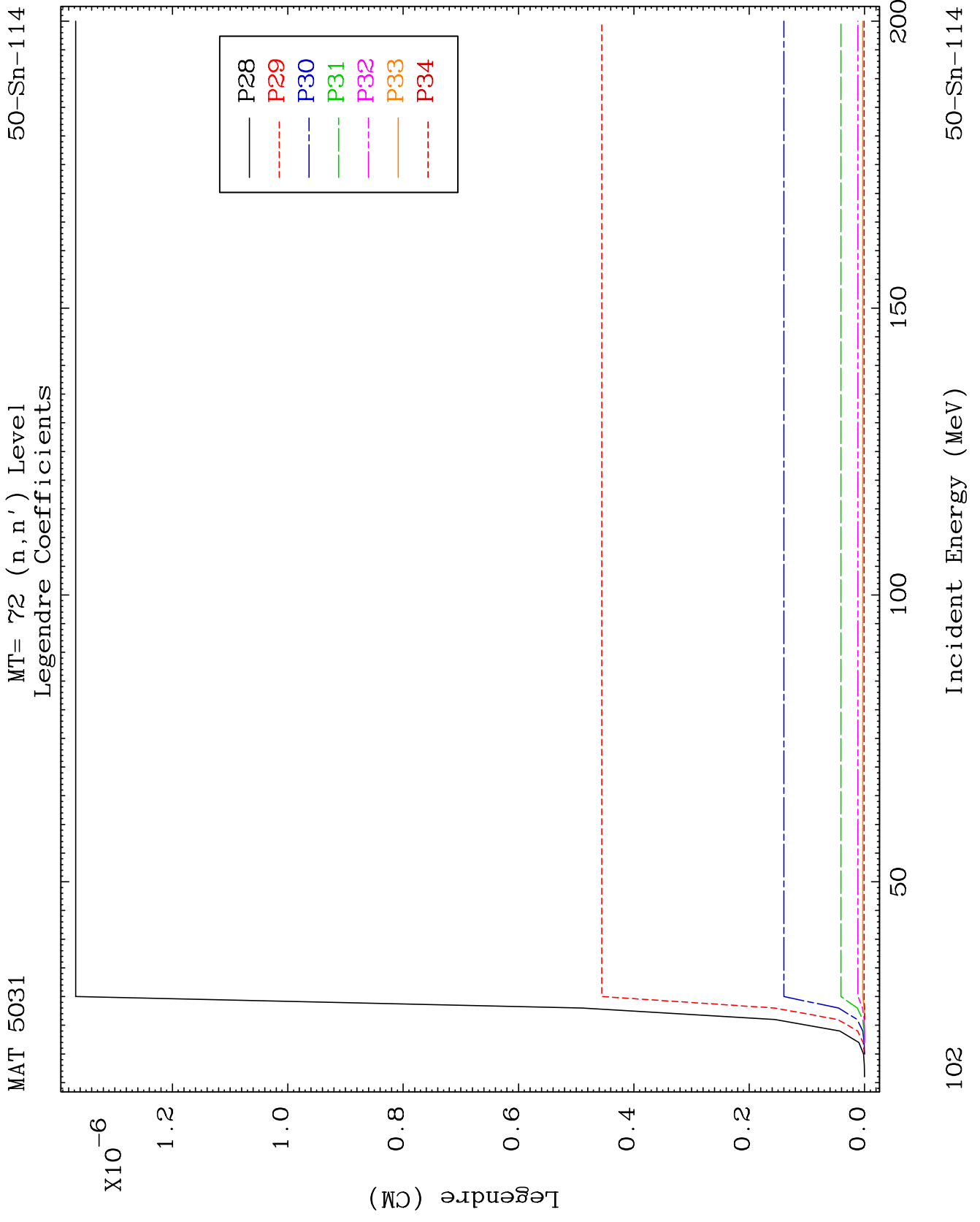


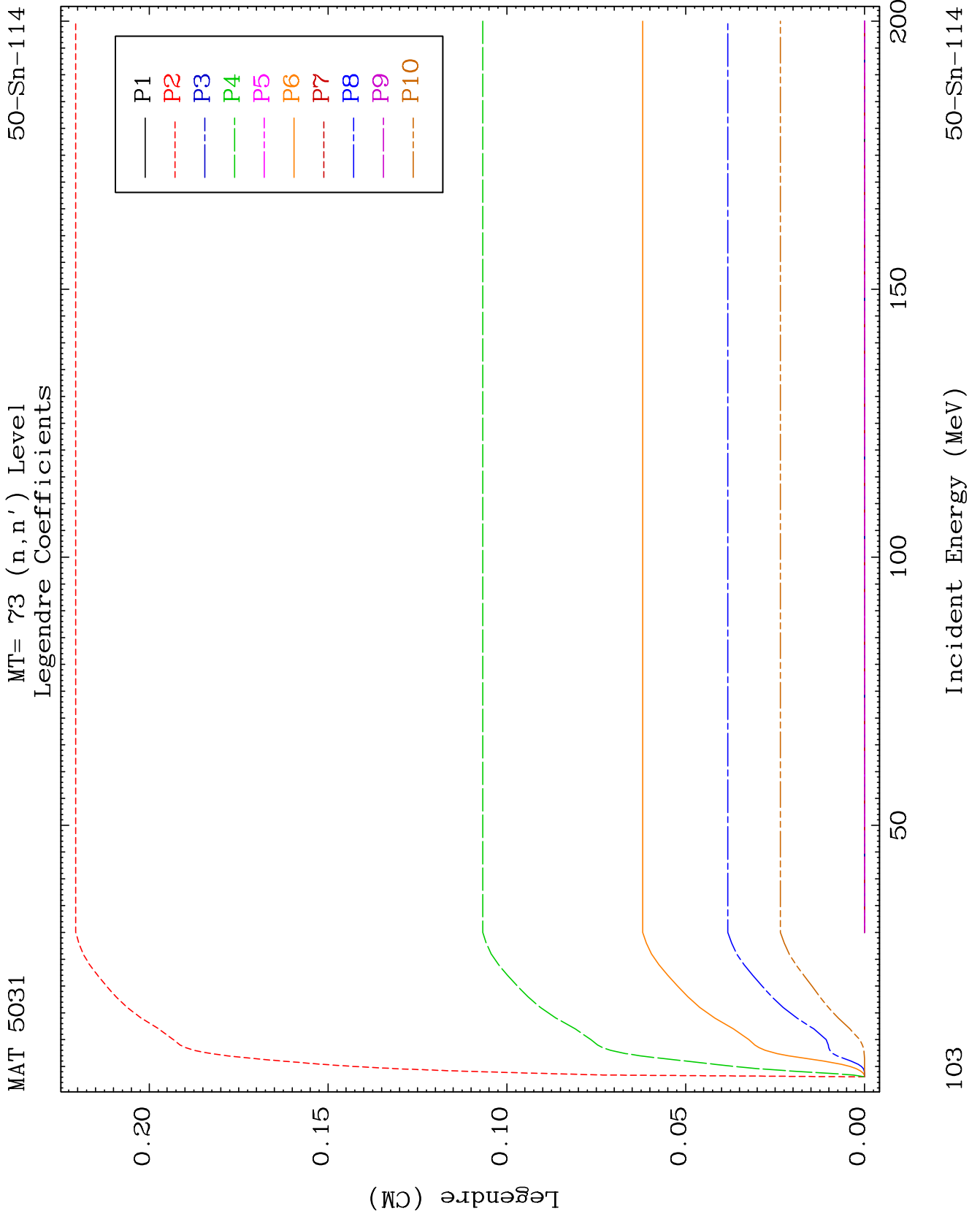


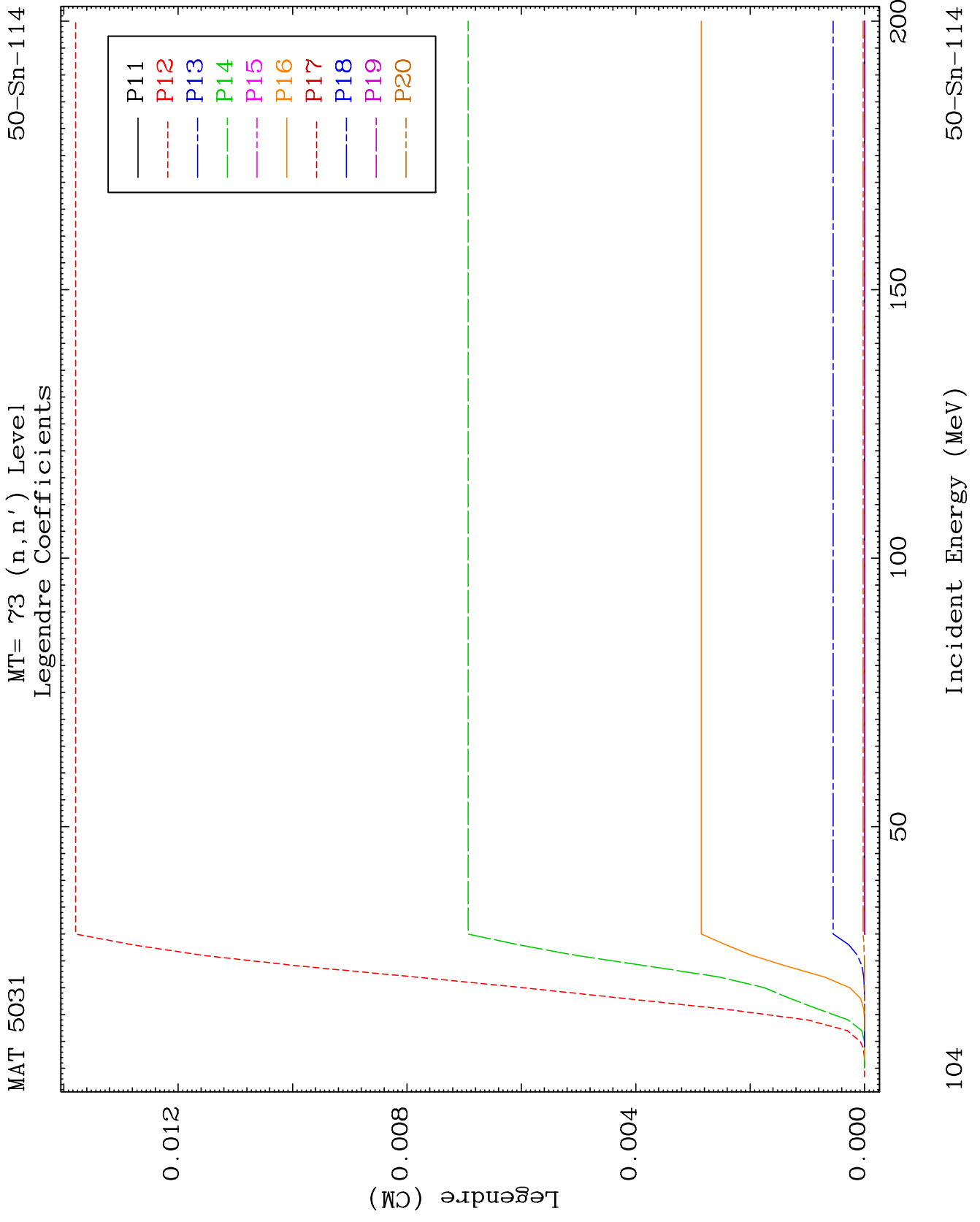


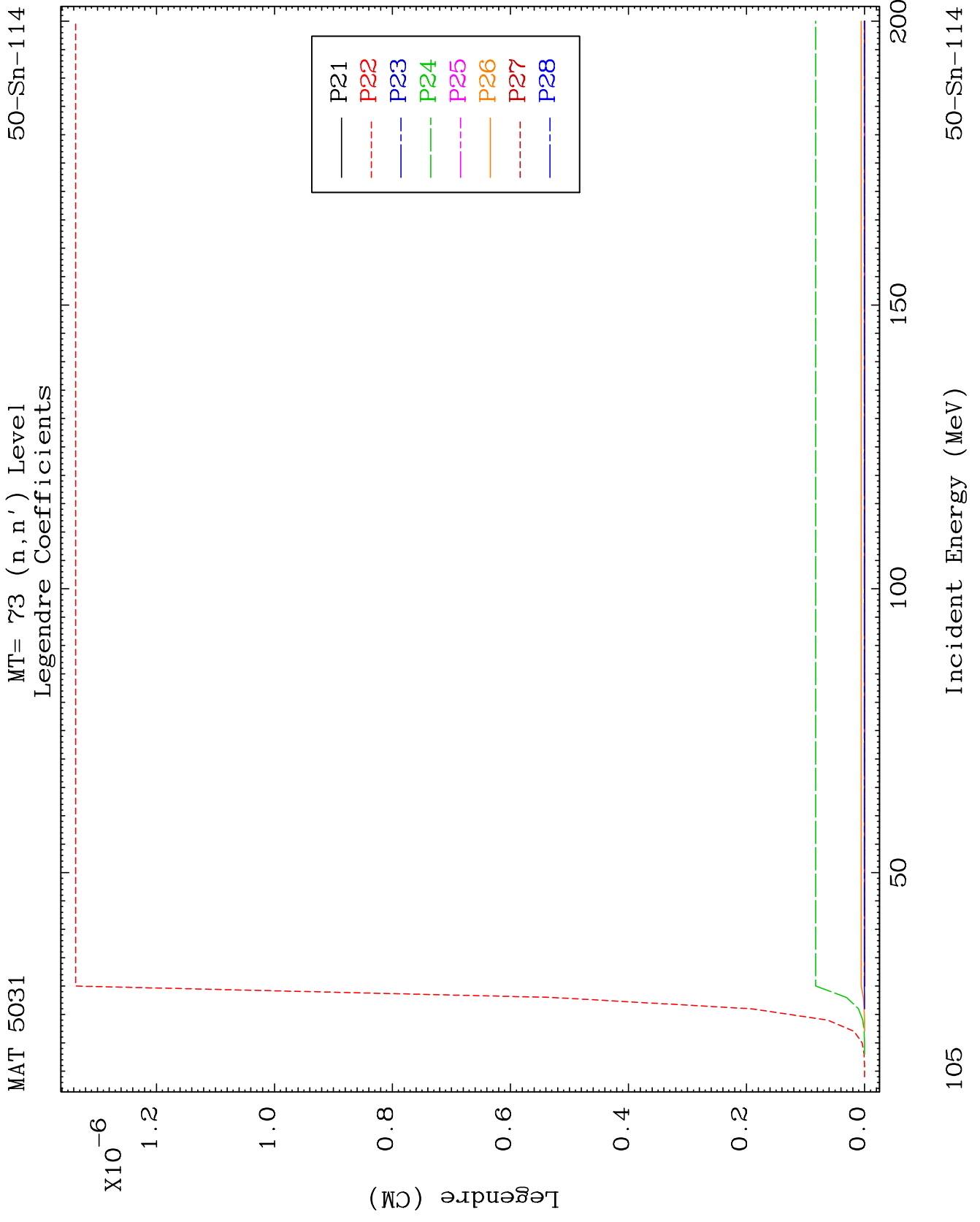


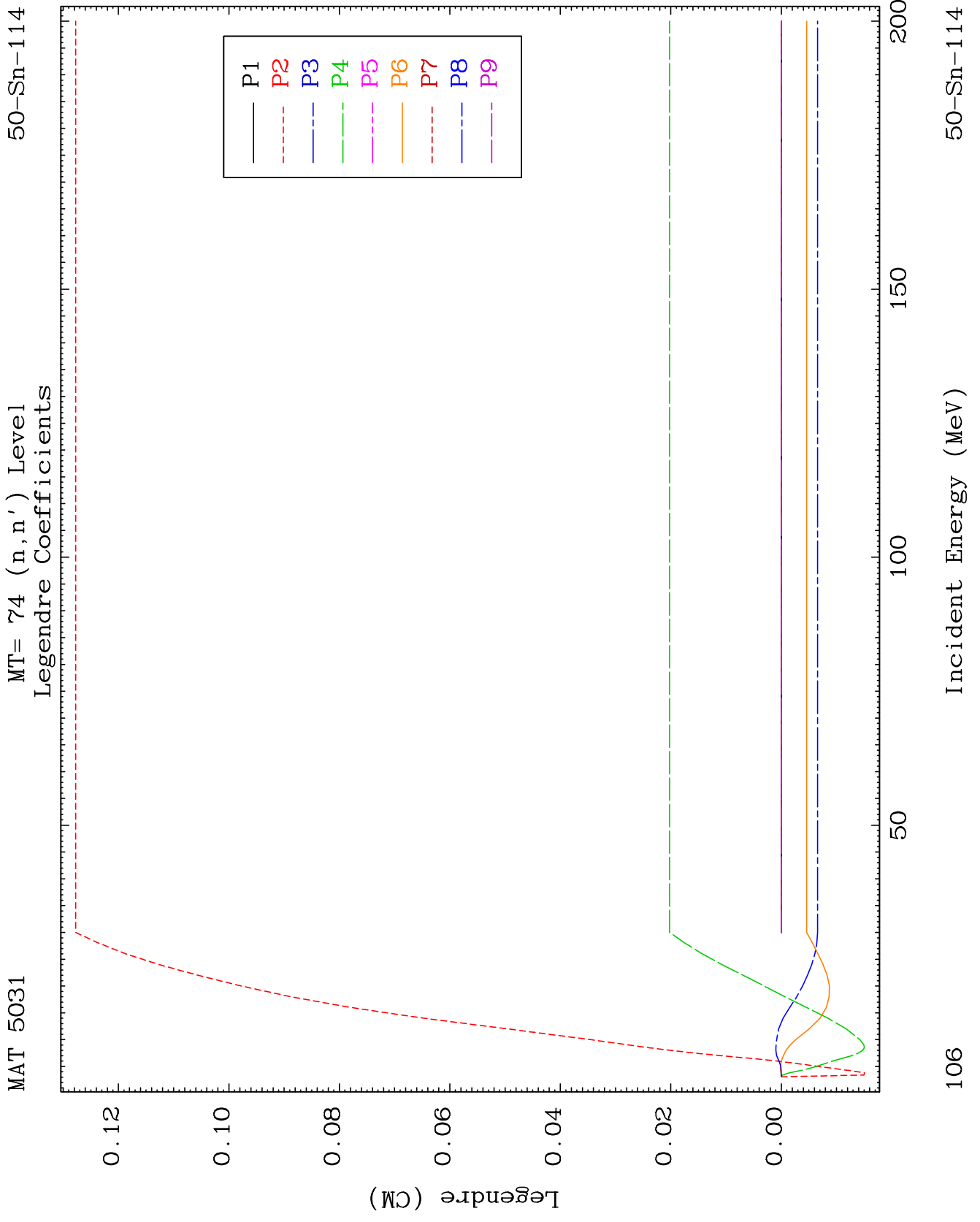








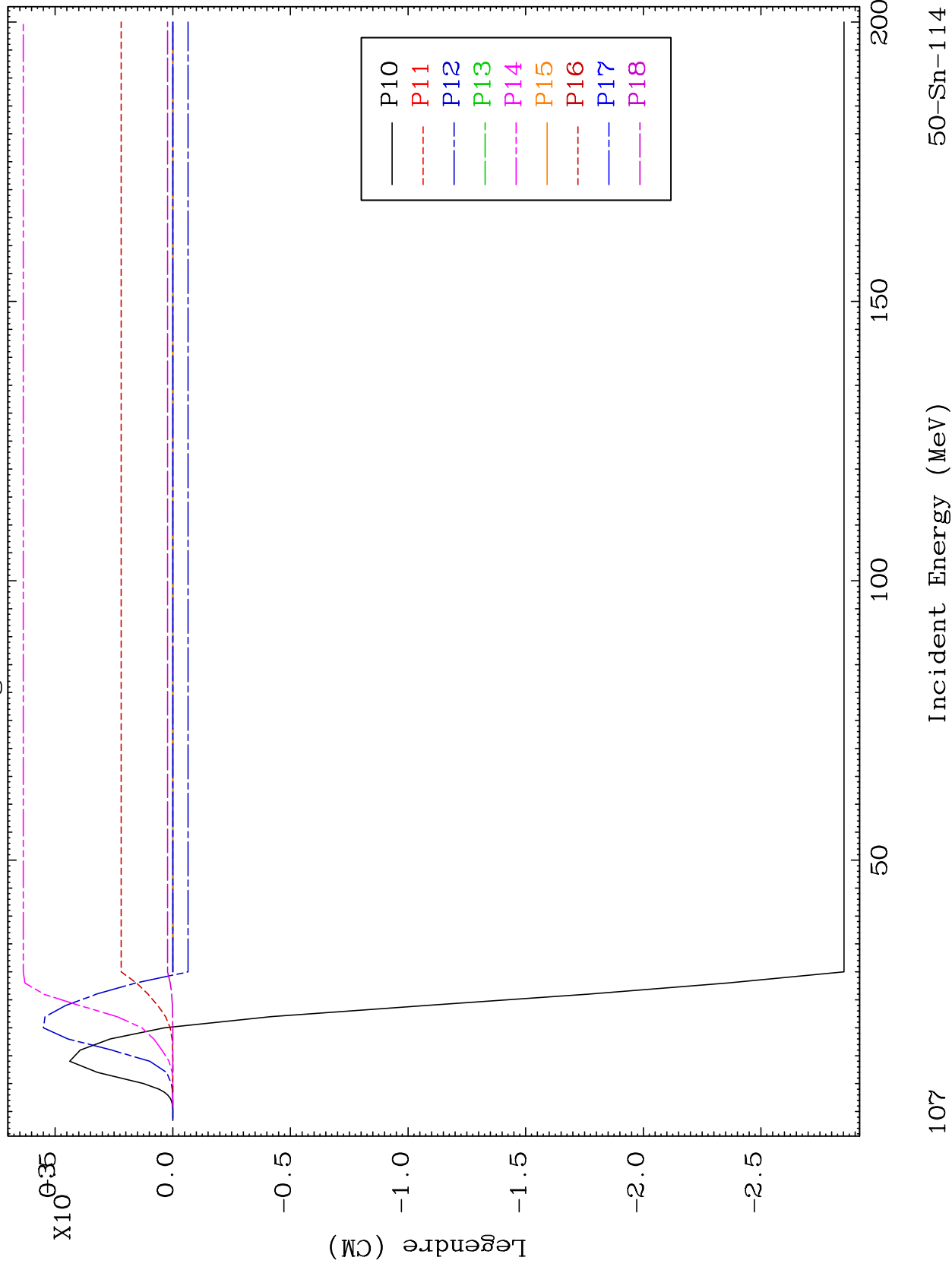




MAT 5031

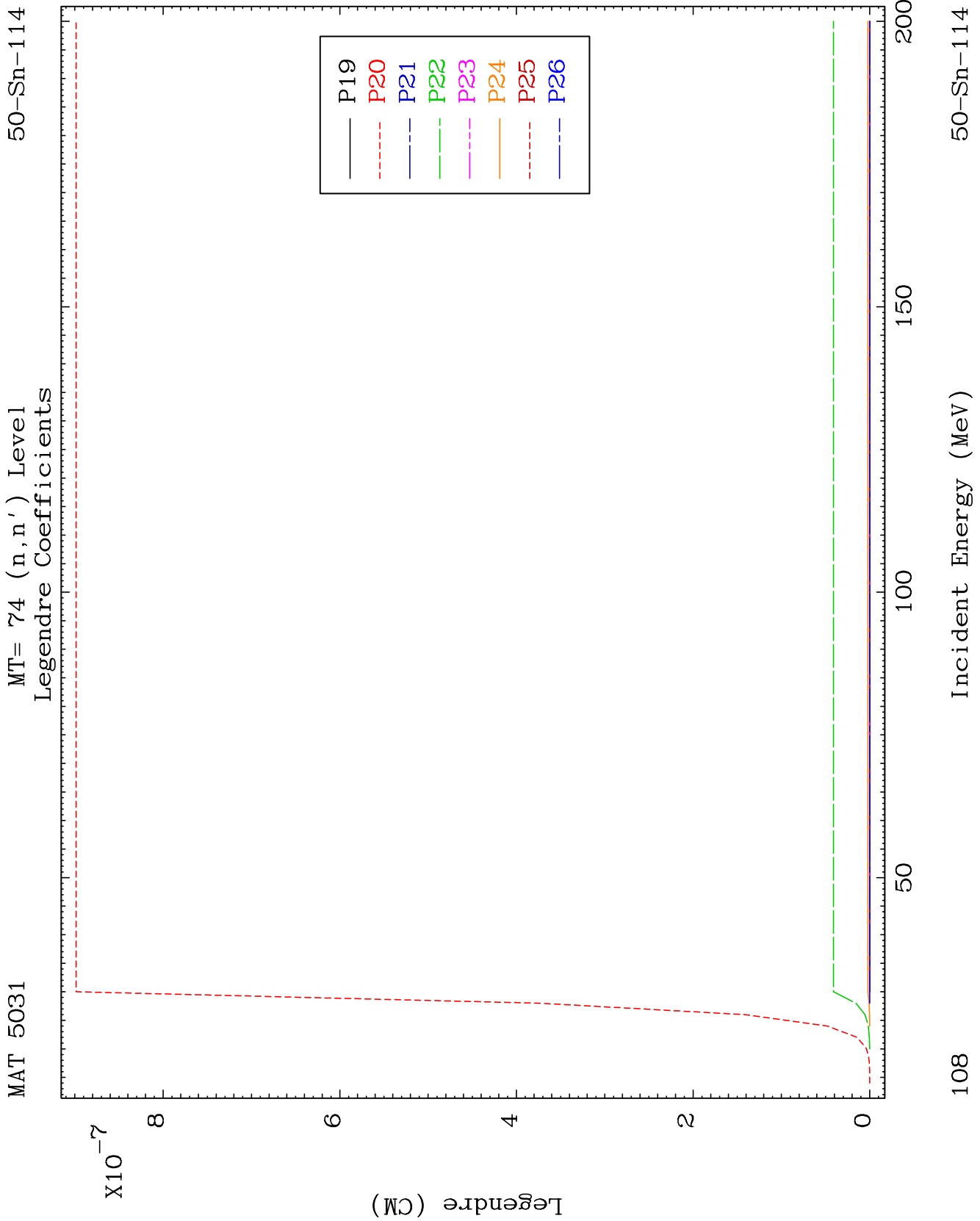
50-Sn-114

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



107

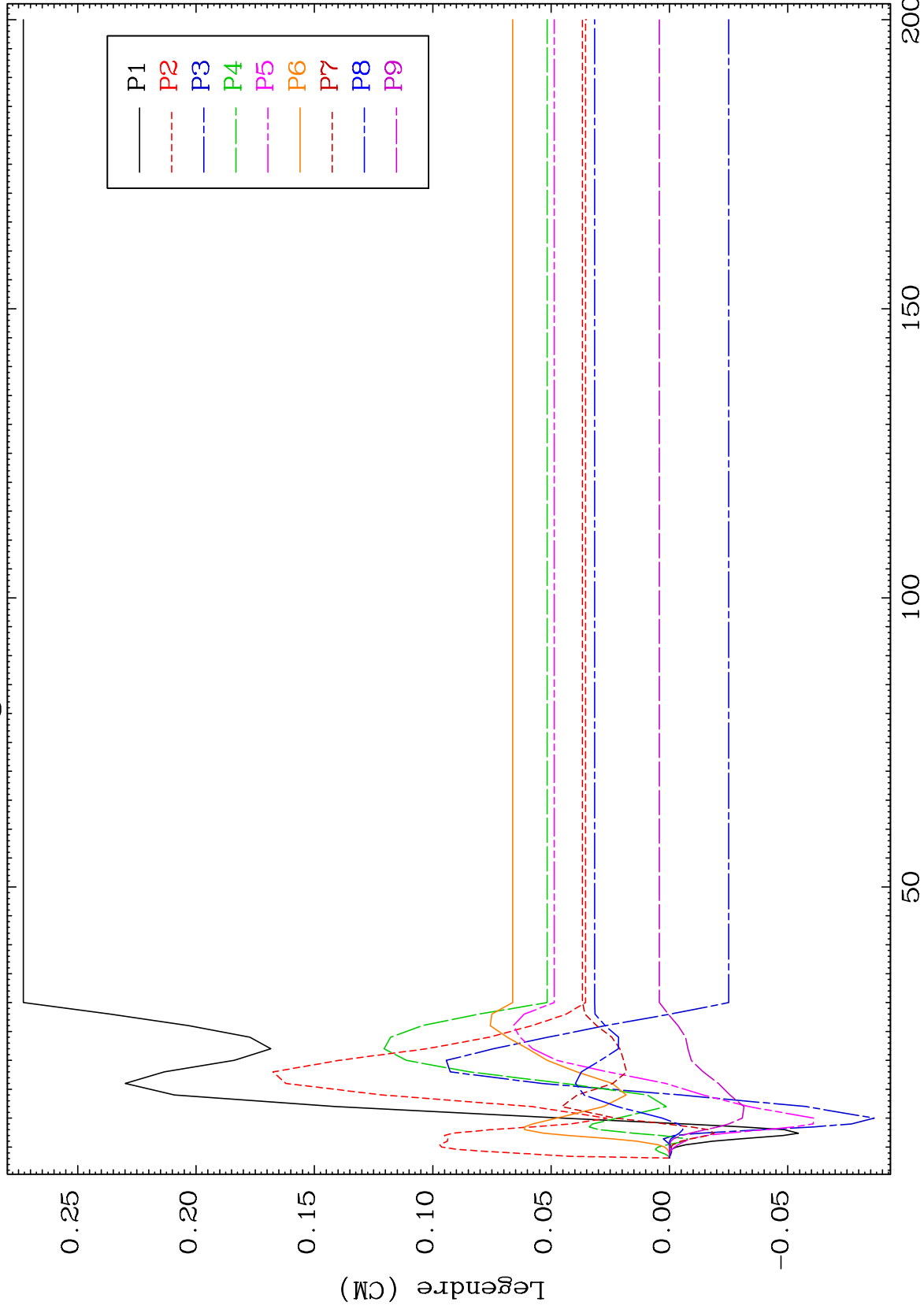
50-Sn-114



MAT 5031

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

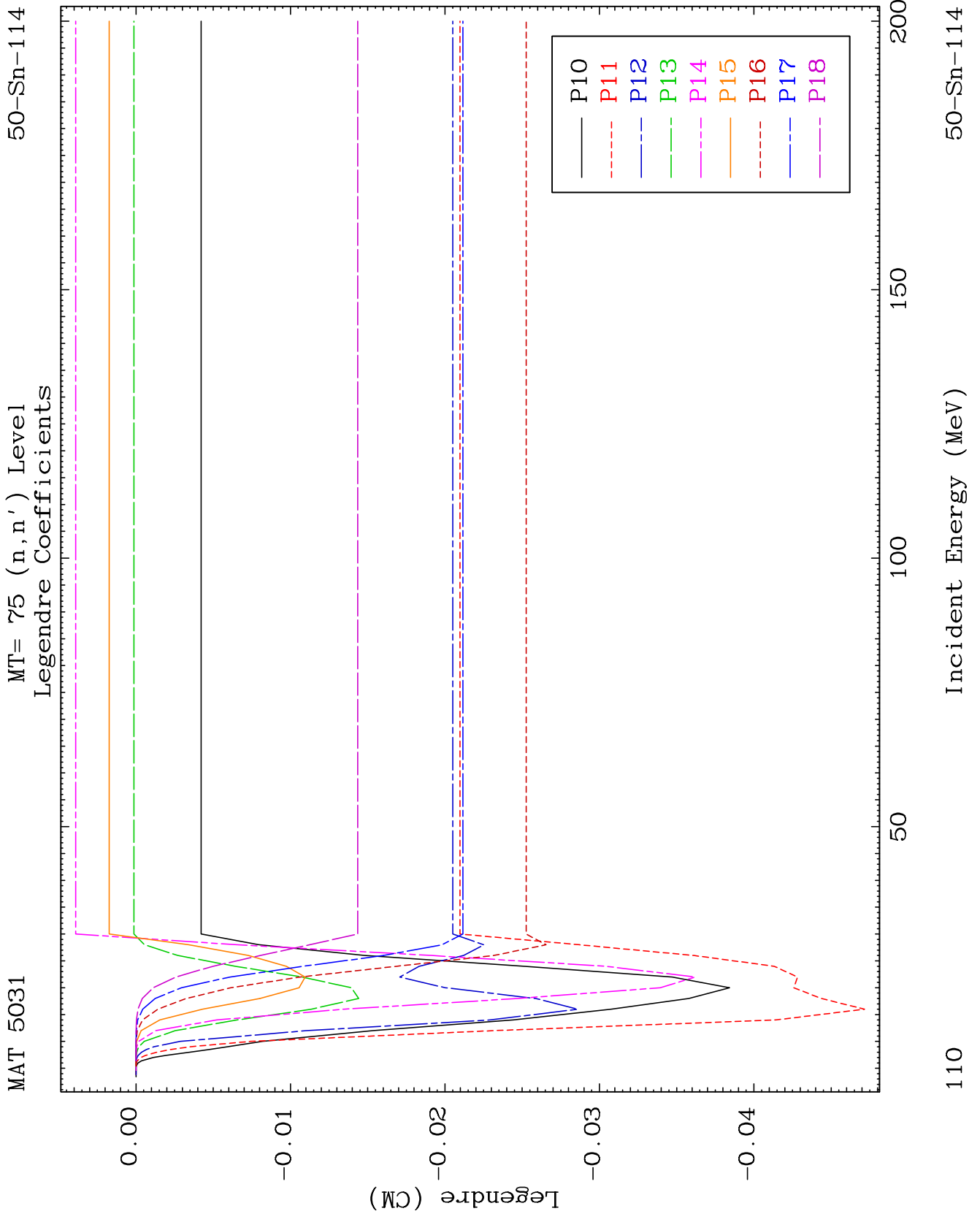
50-Sn-114

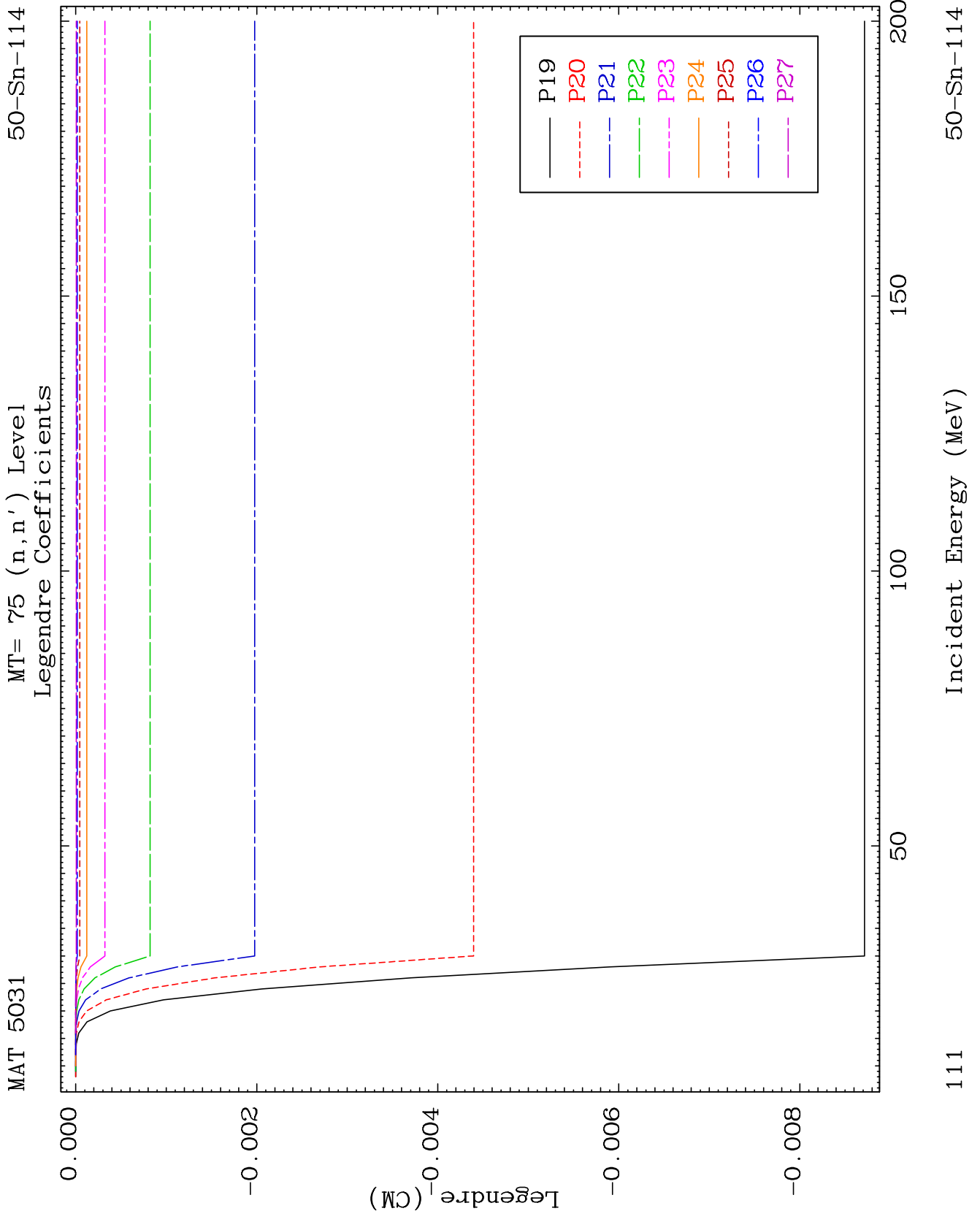


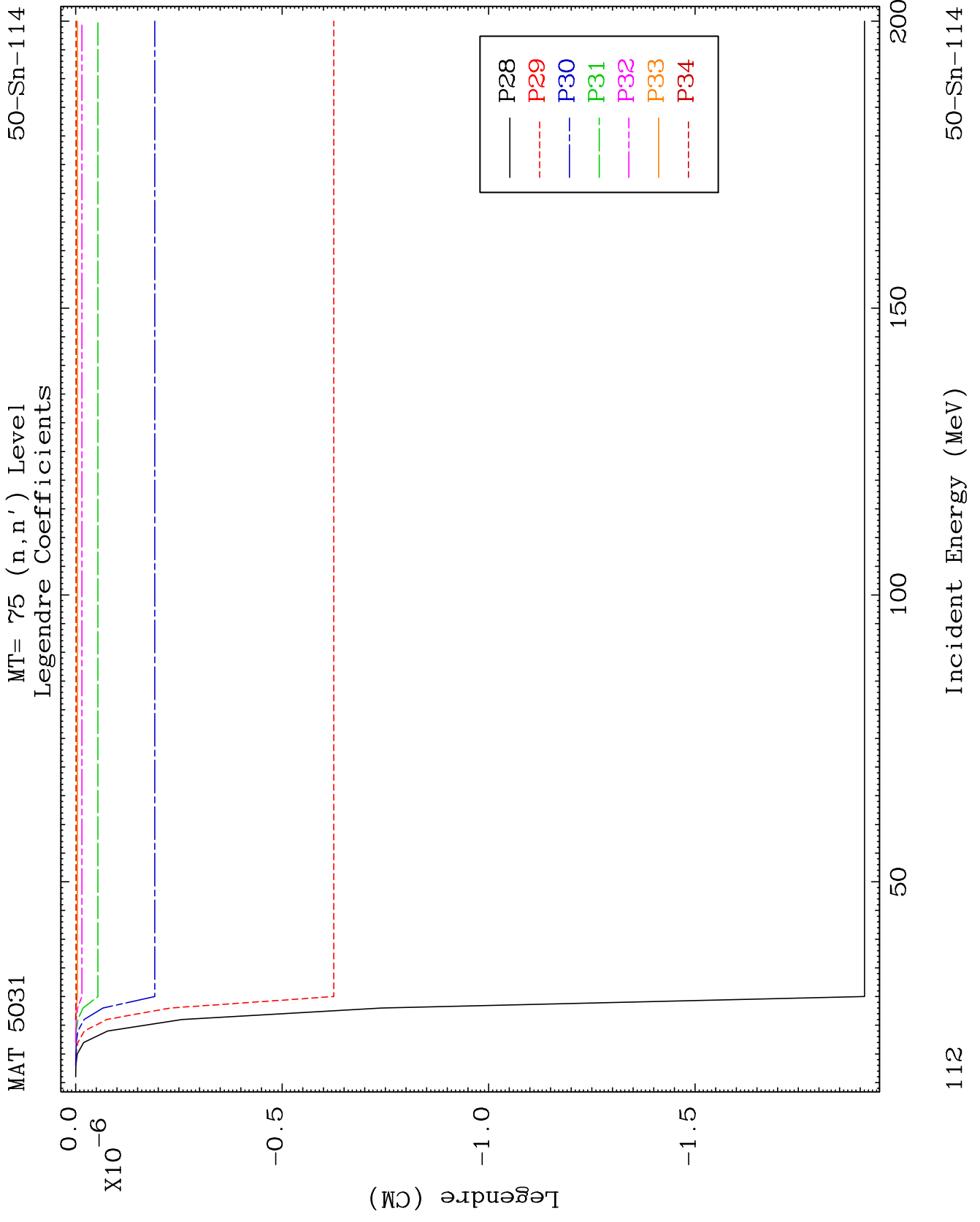
109

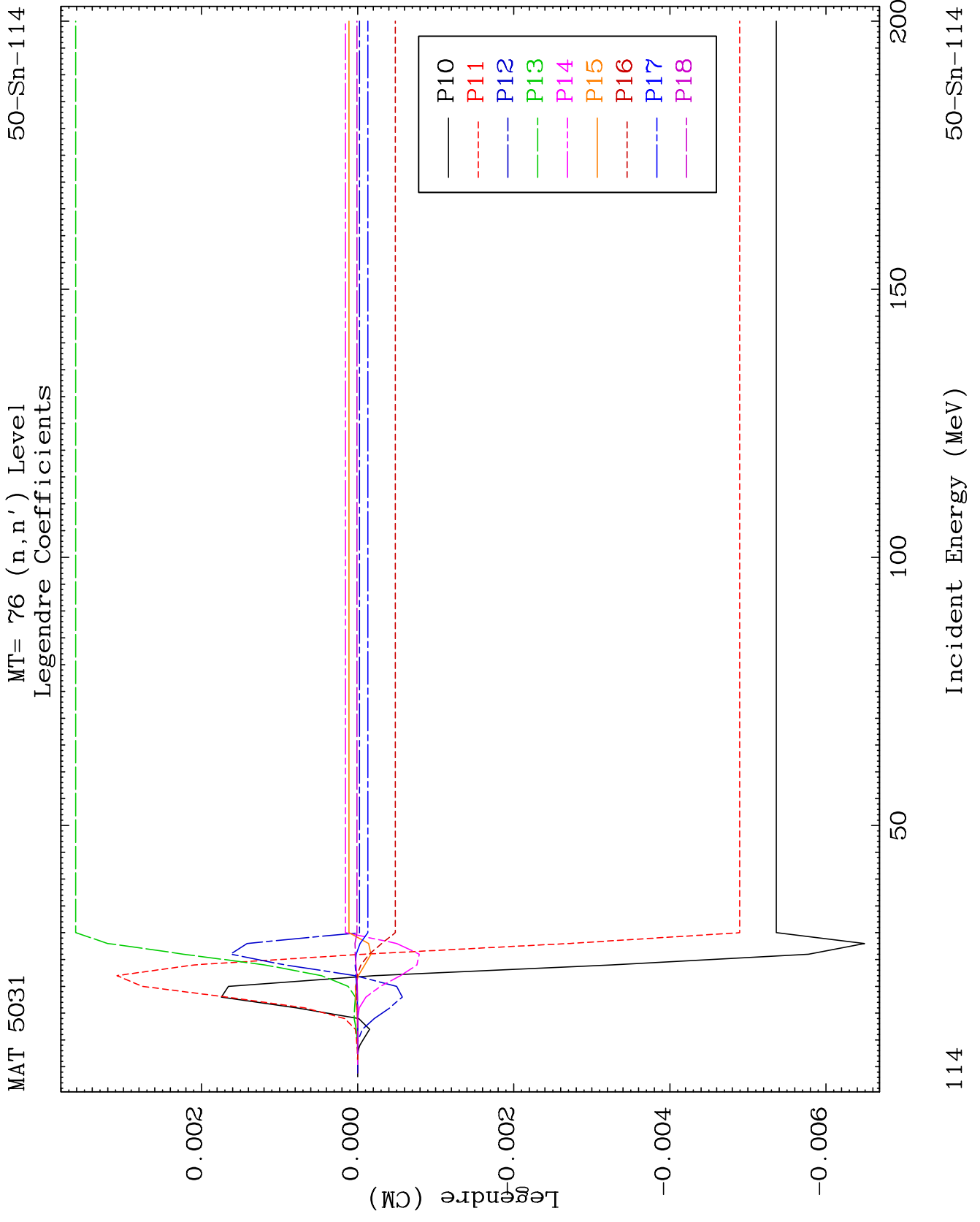
Incident Energy (MeV)

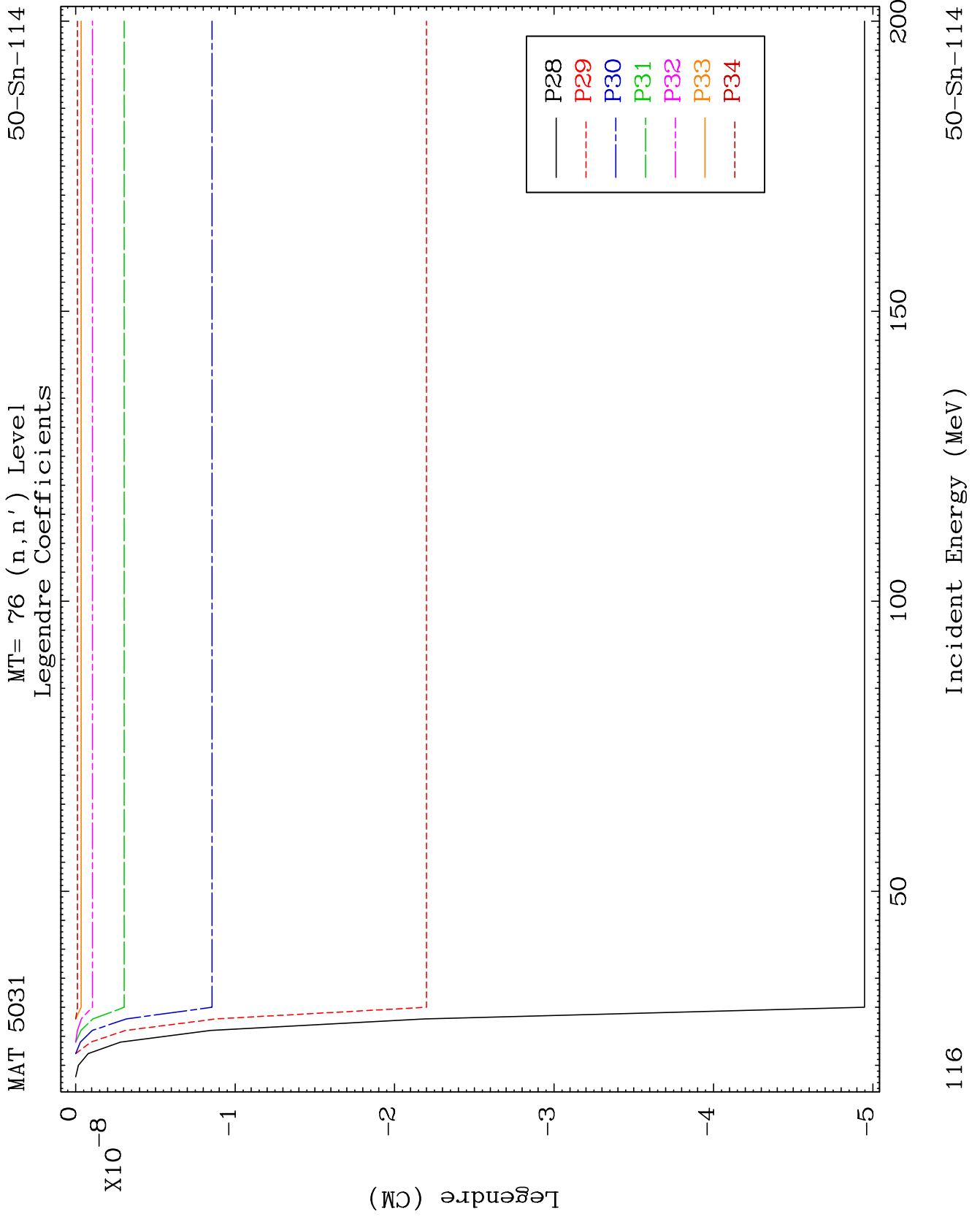
50-Sn-114







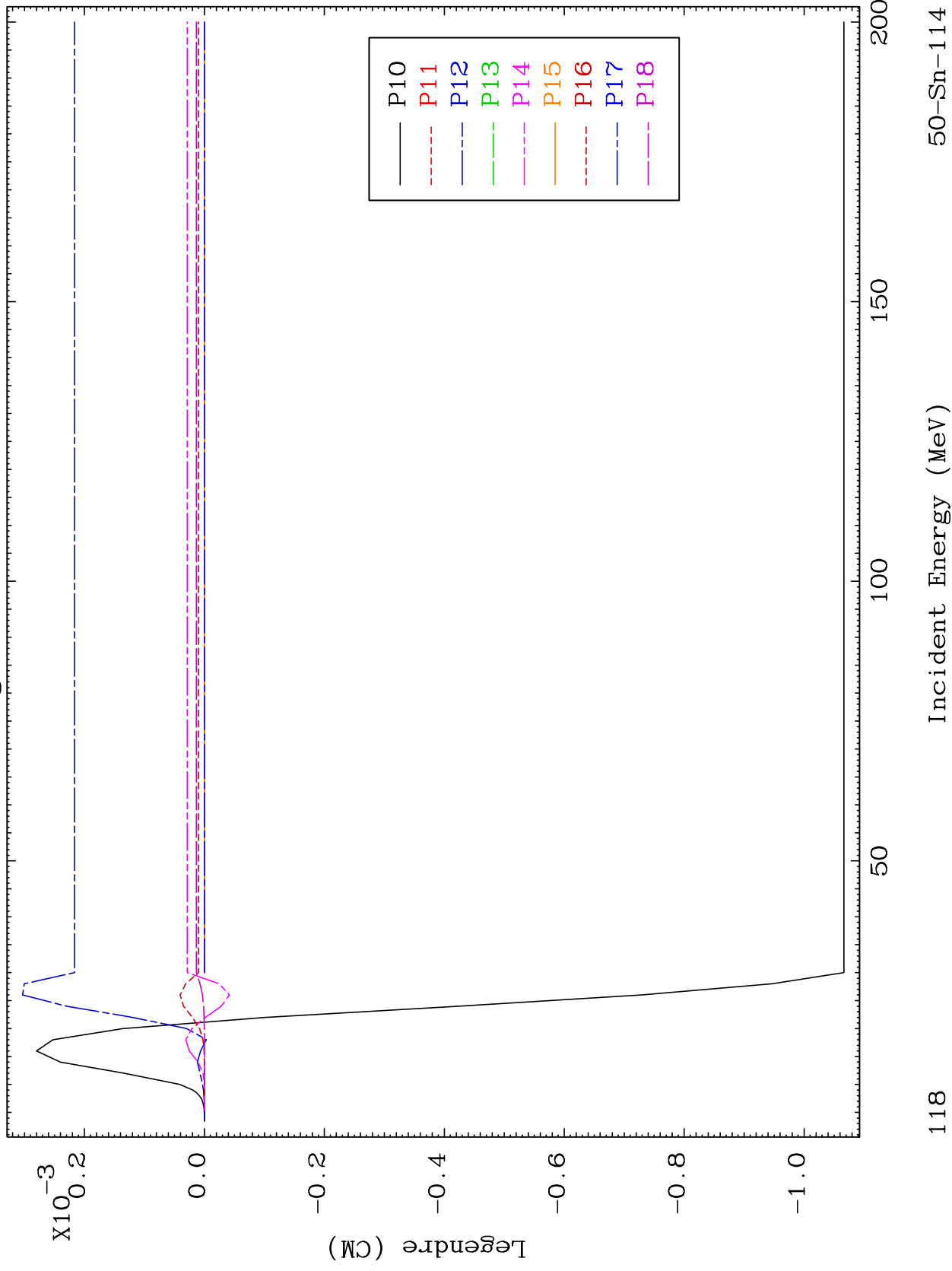


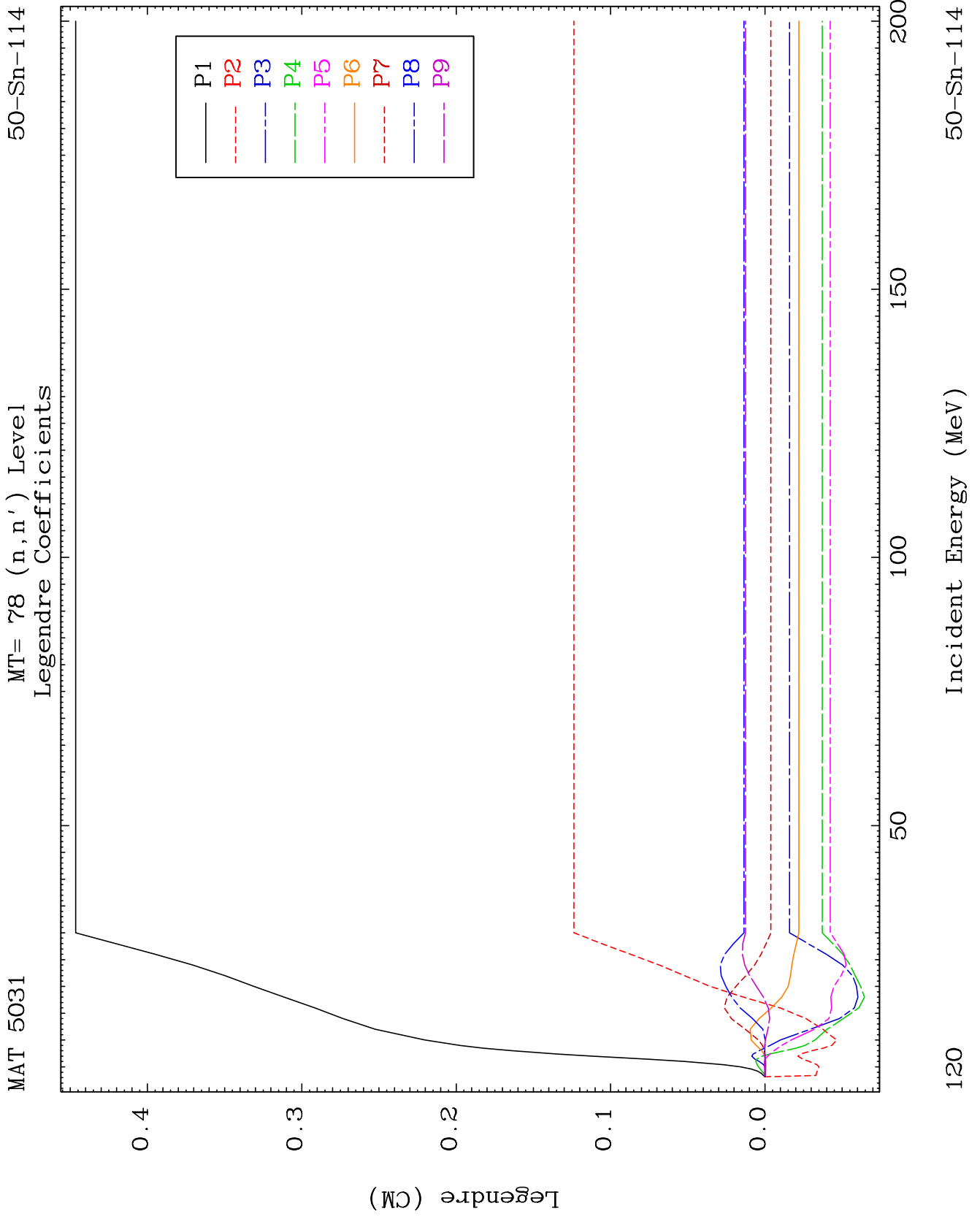


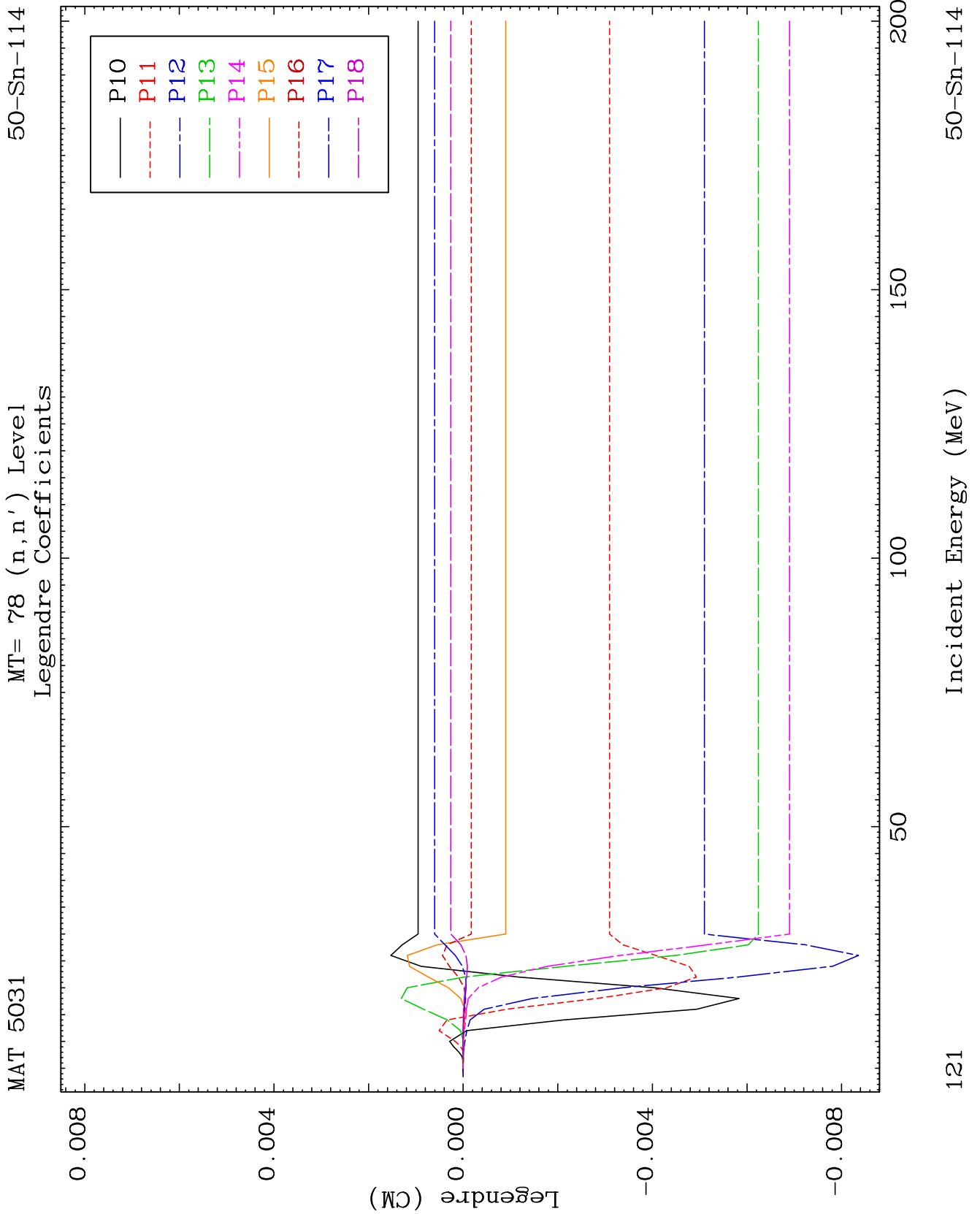
MAT 5031

50-Sn-114

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



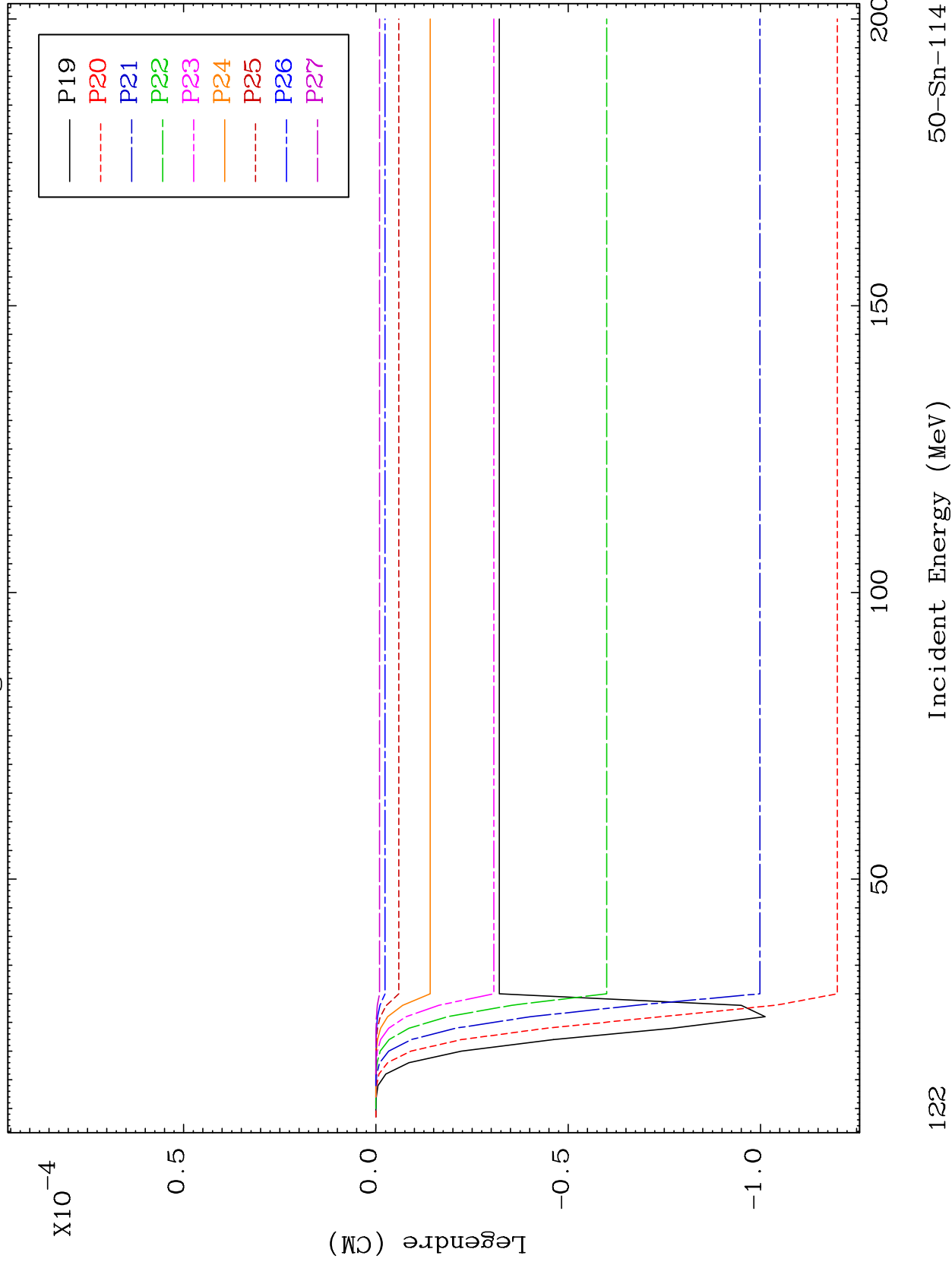




MAT 5031

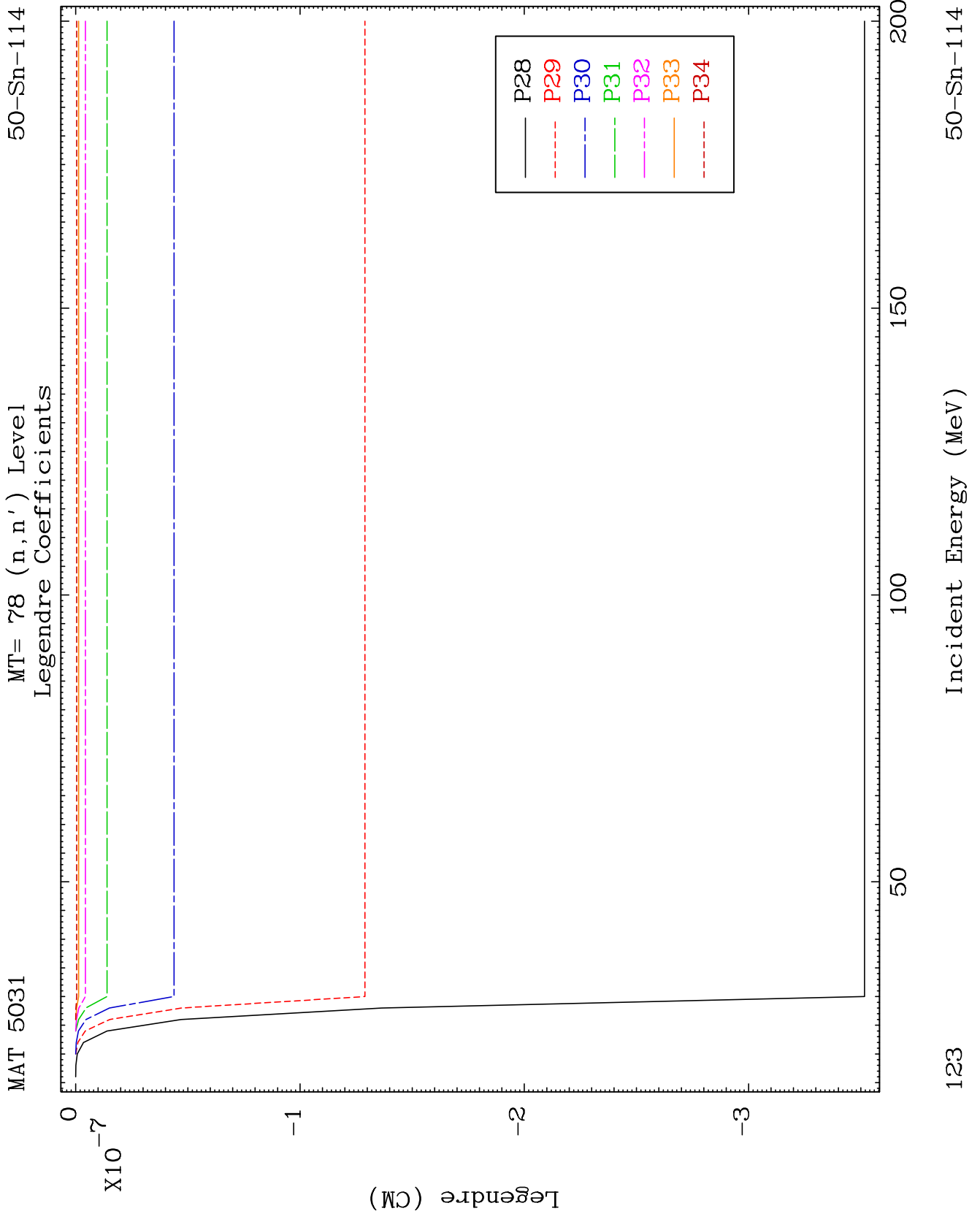
MT= 78 (n,n') Level
Legendre Coefficients

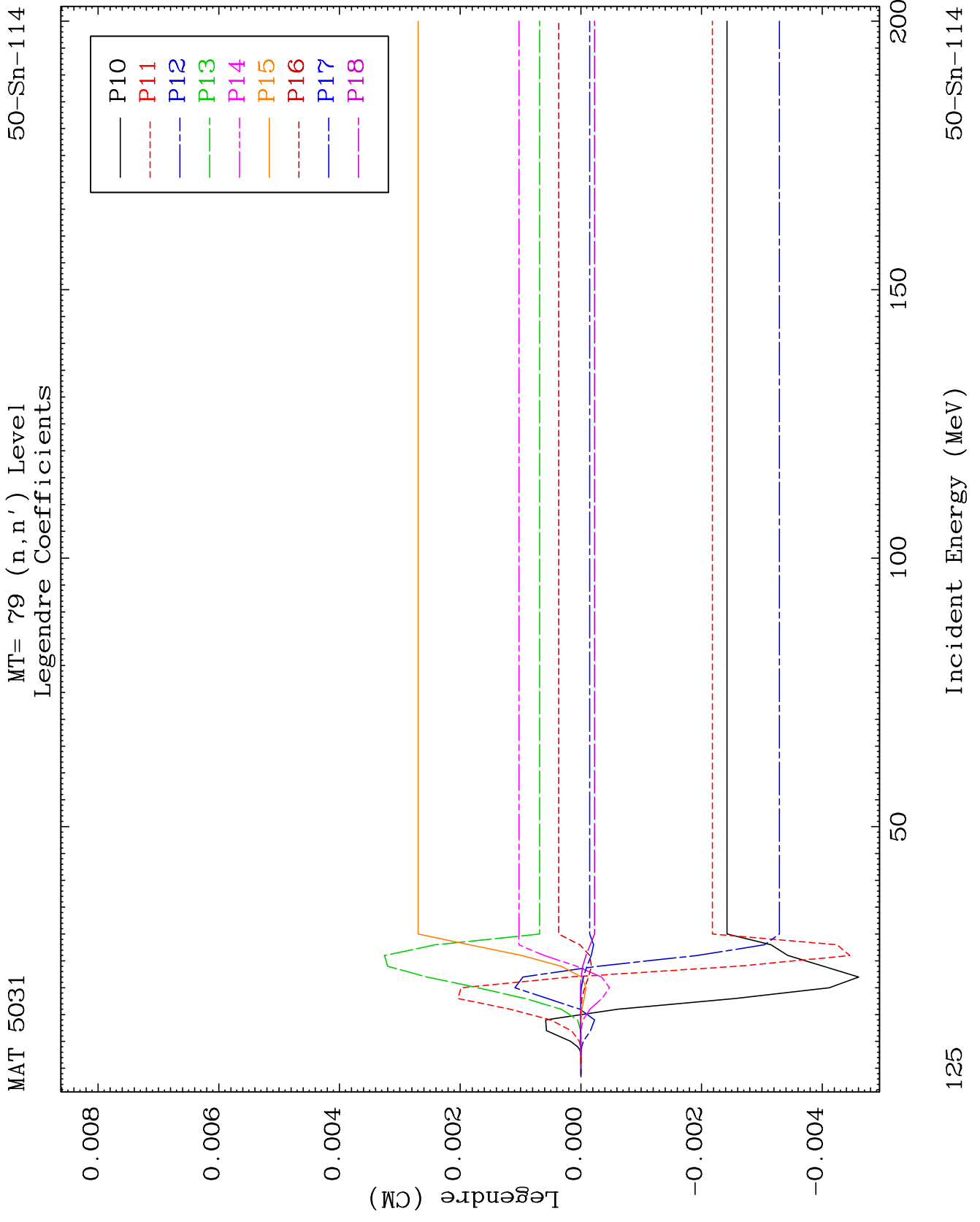
50-Sn-114

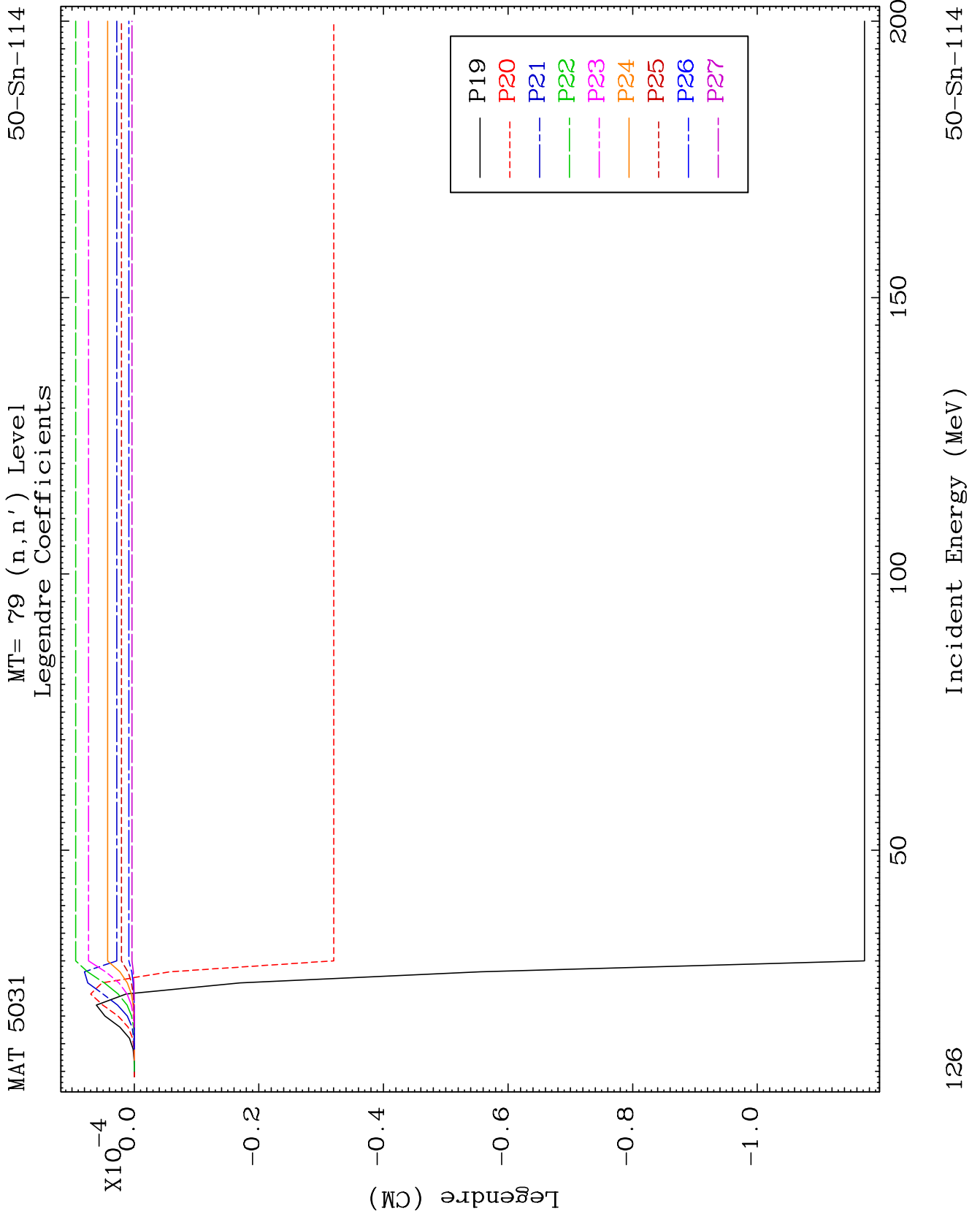


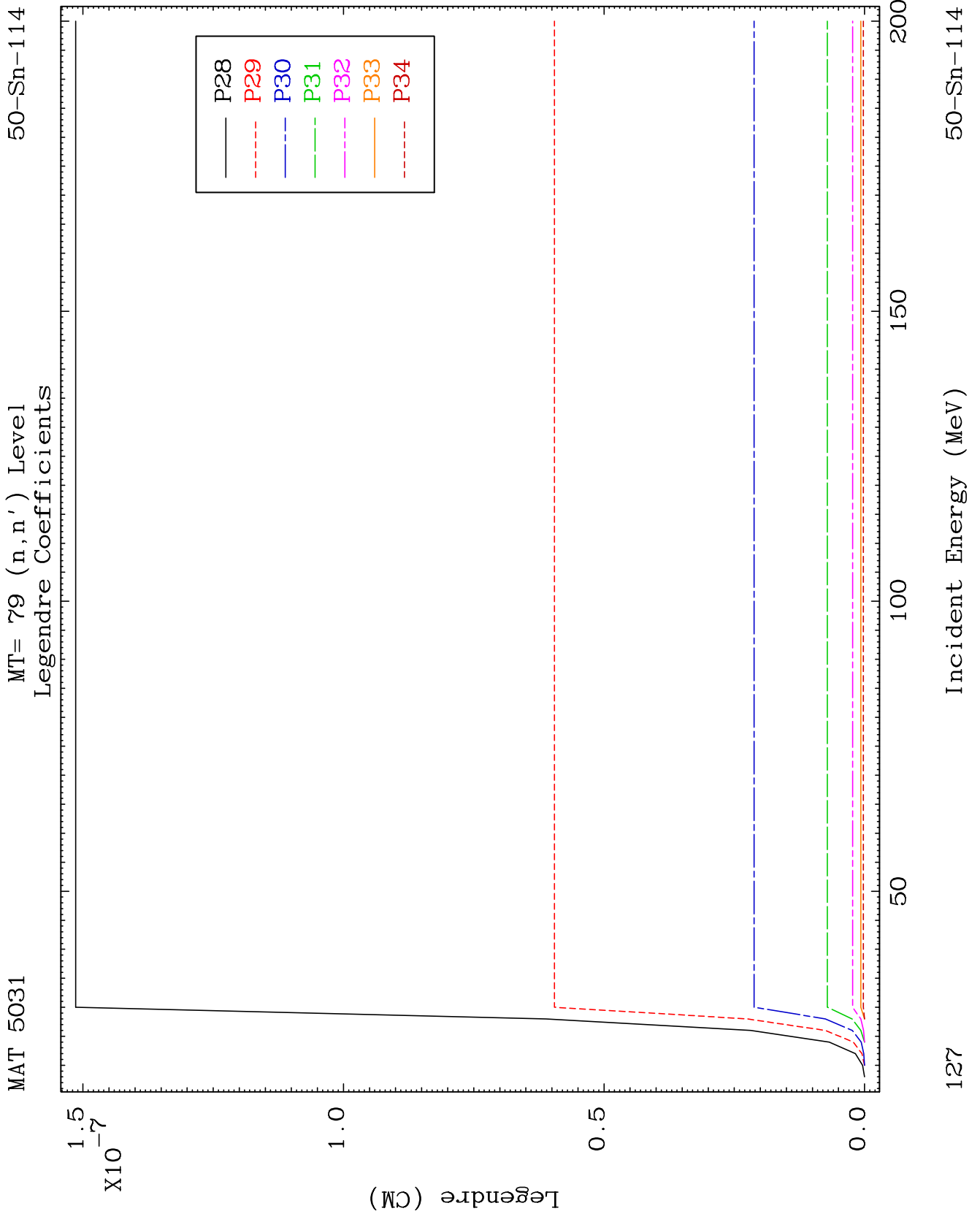
122

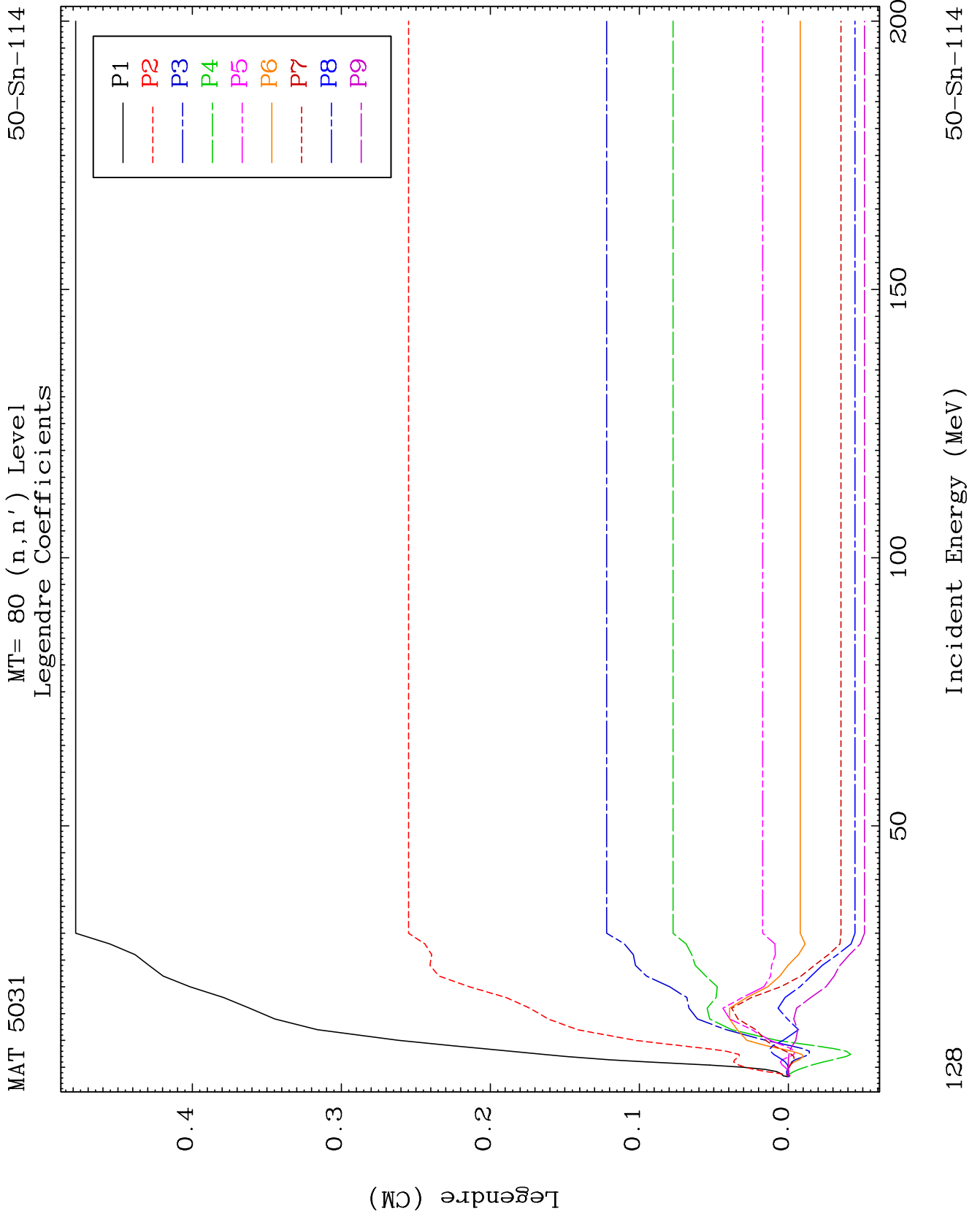
50-Sn-114

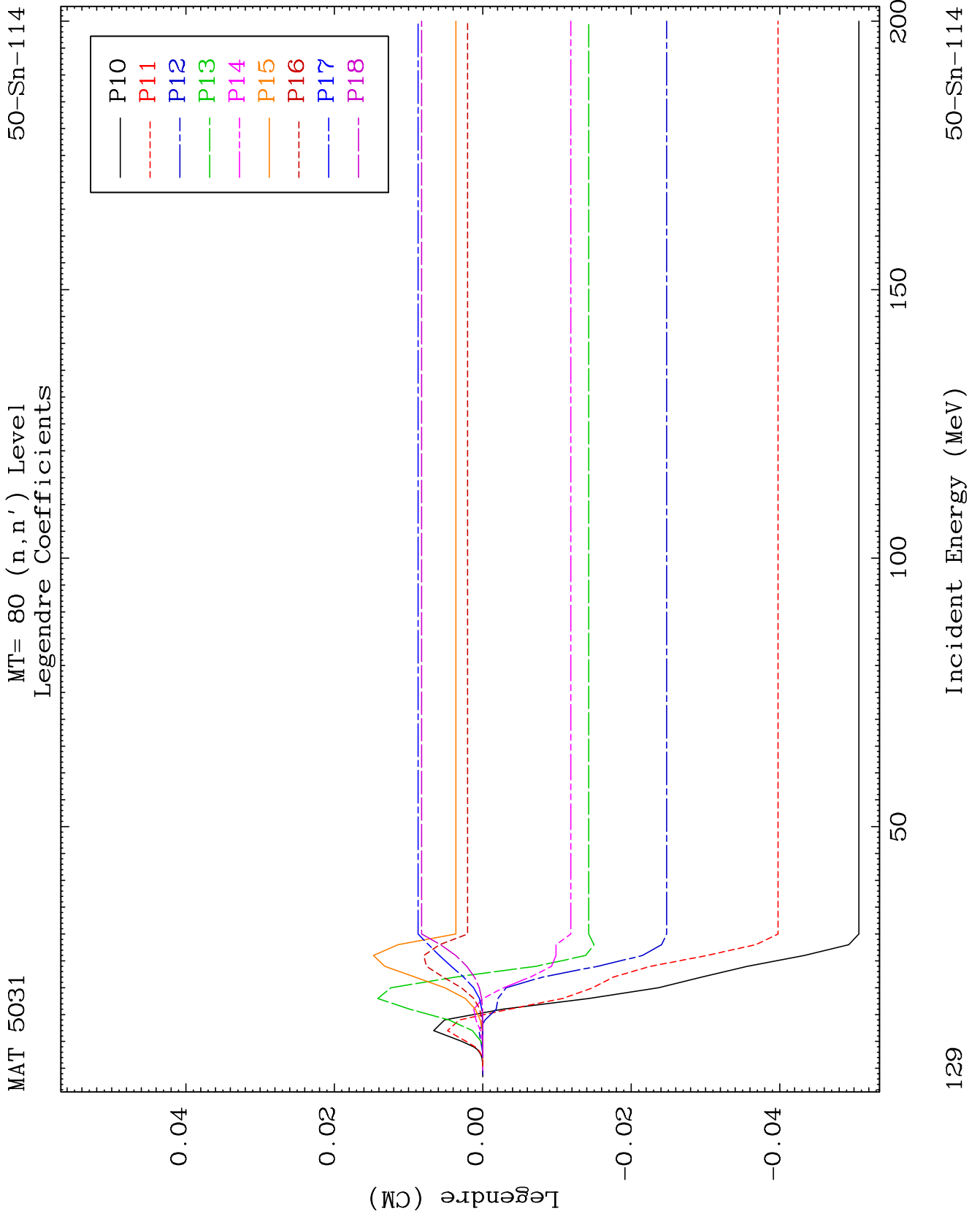


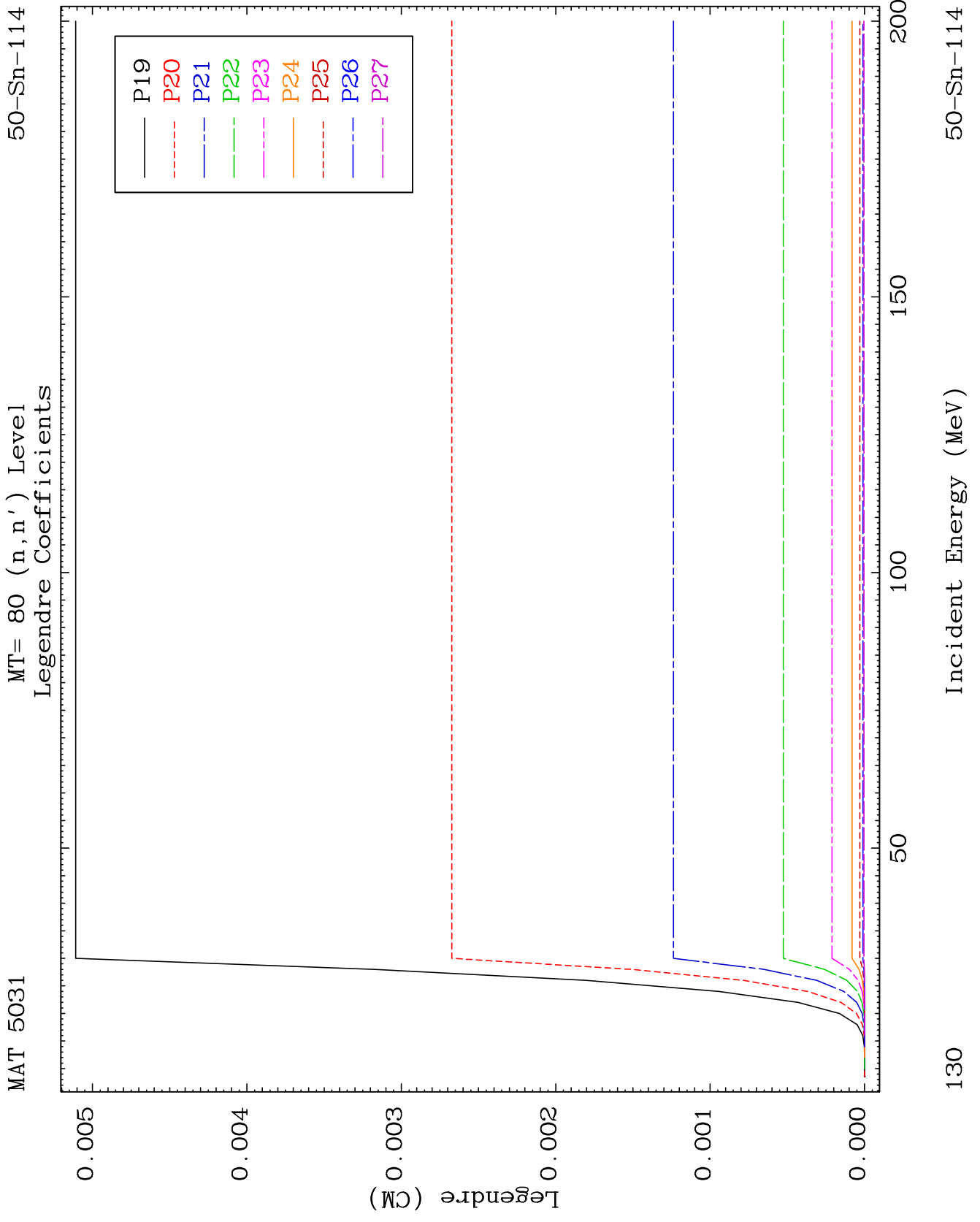


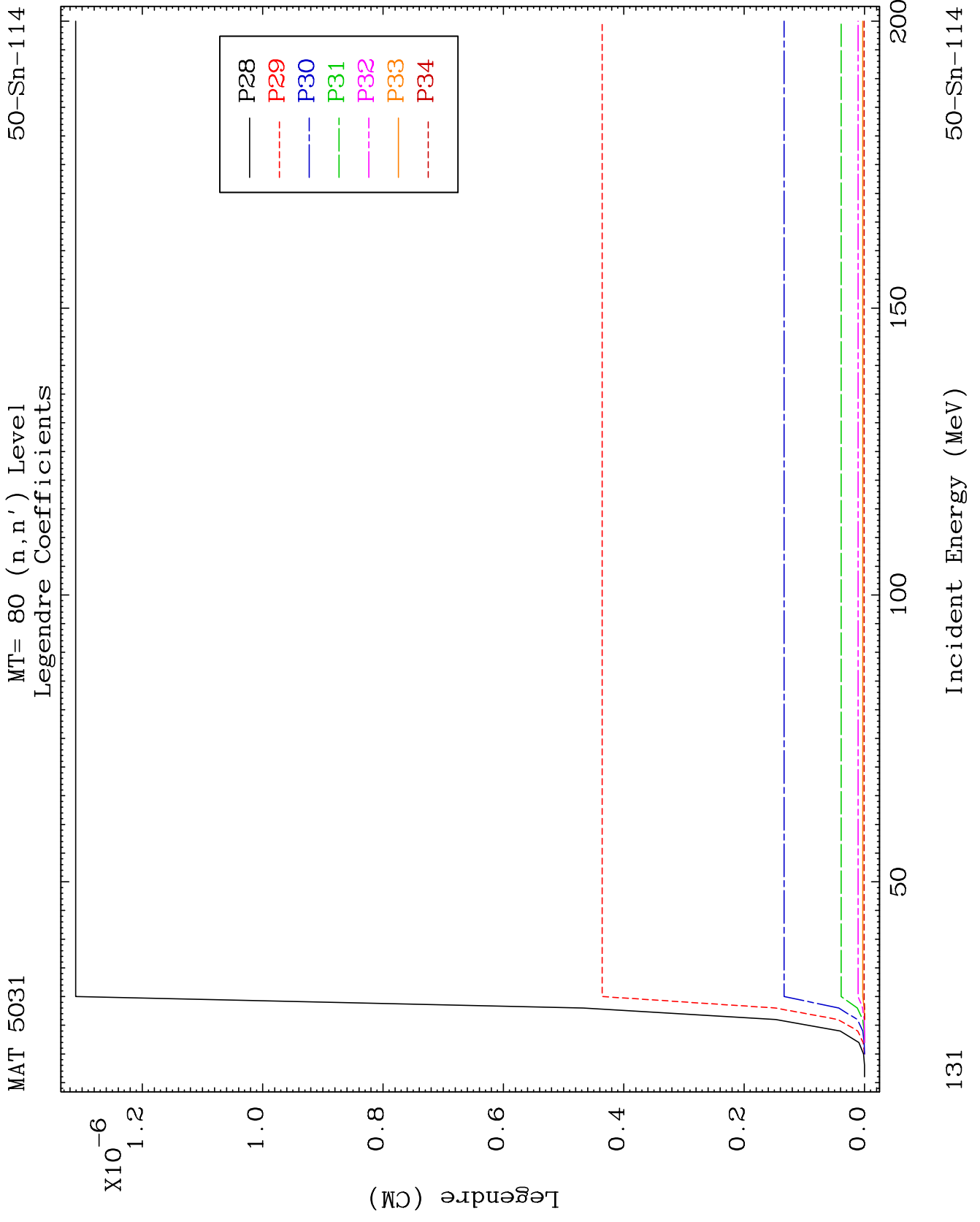




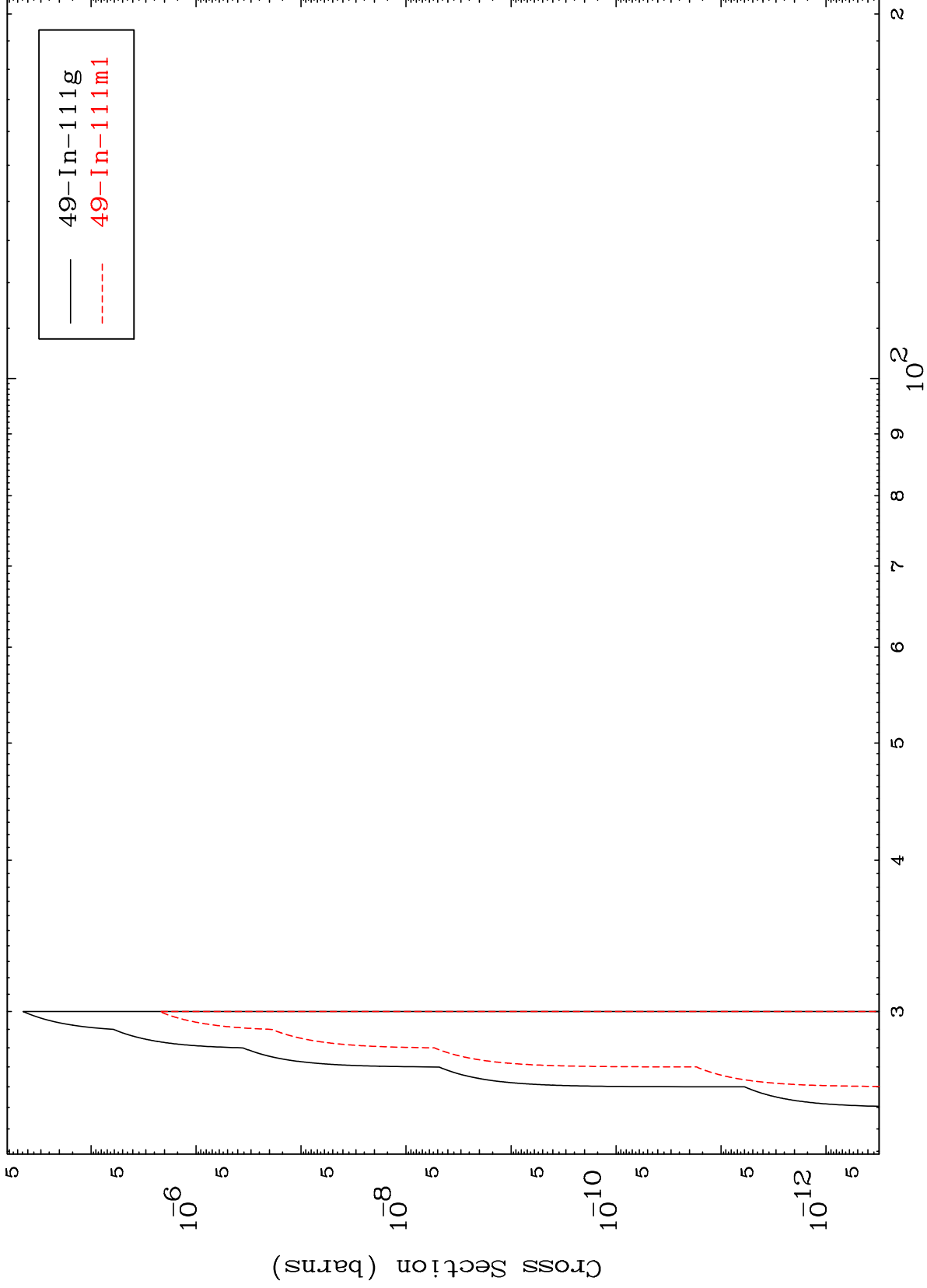








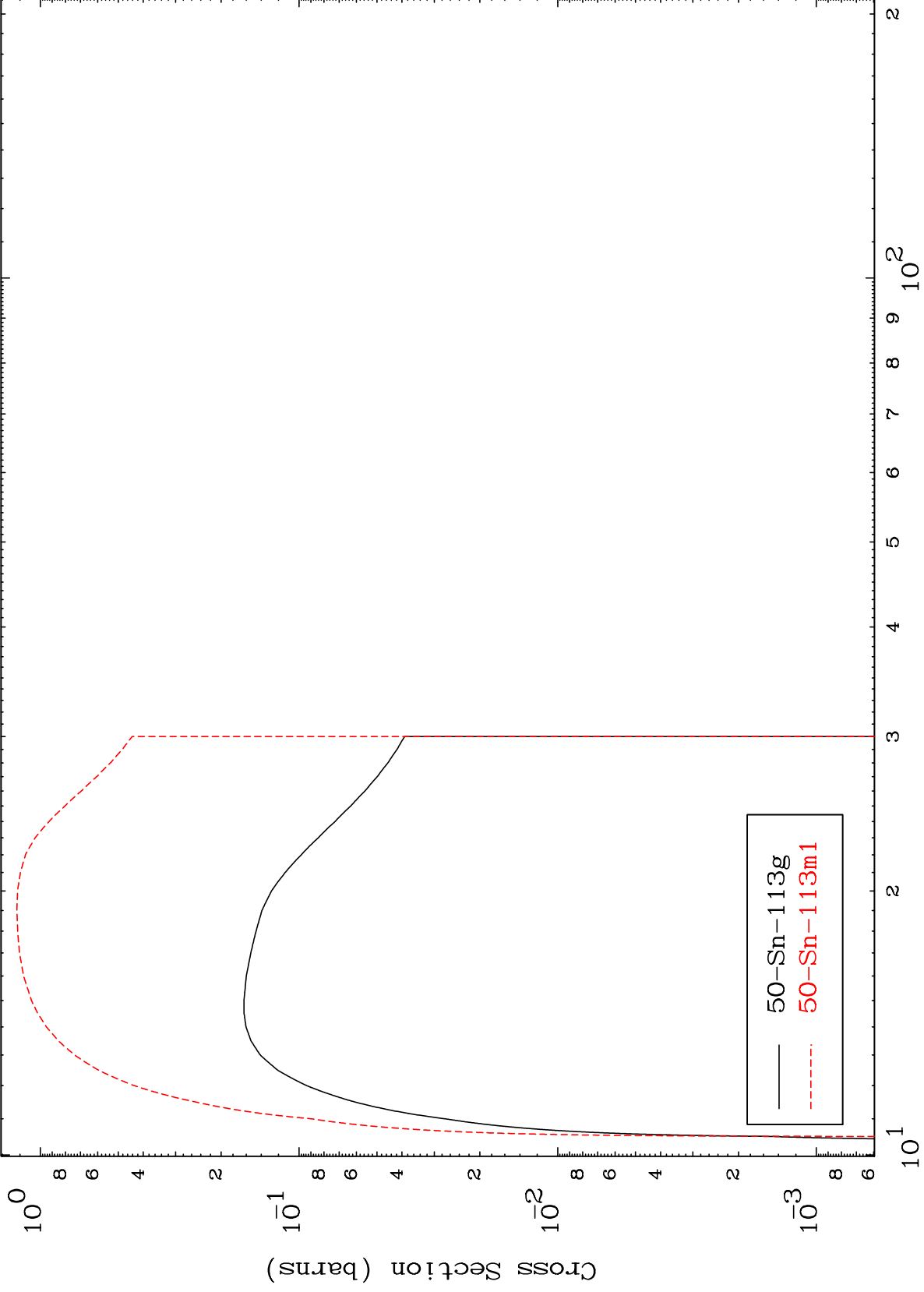
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,2n)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

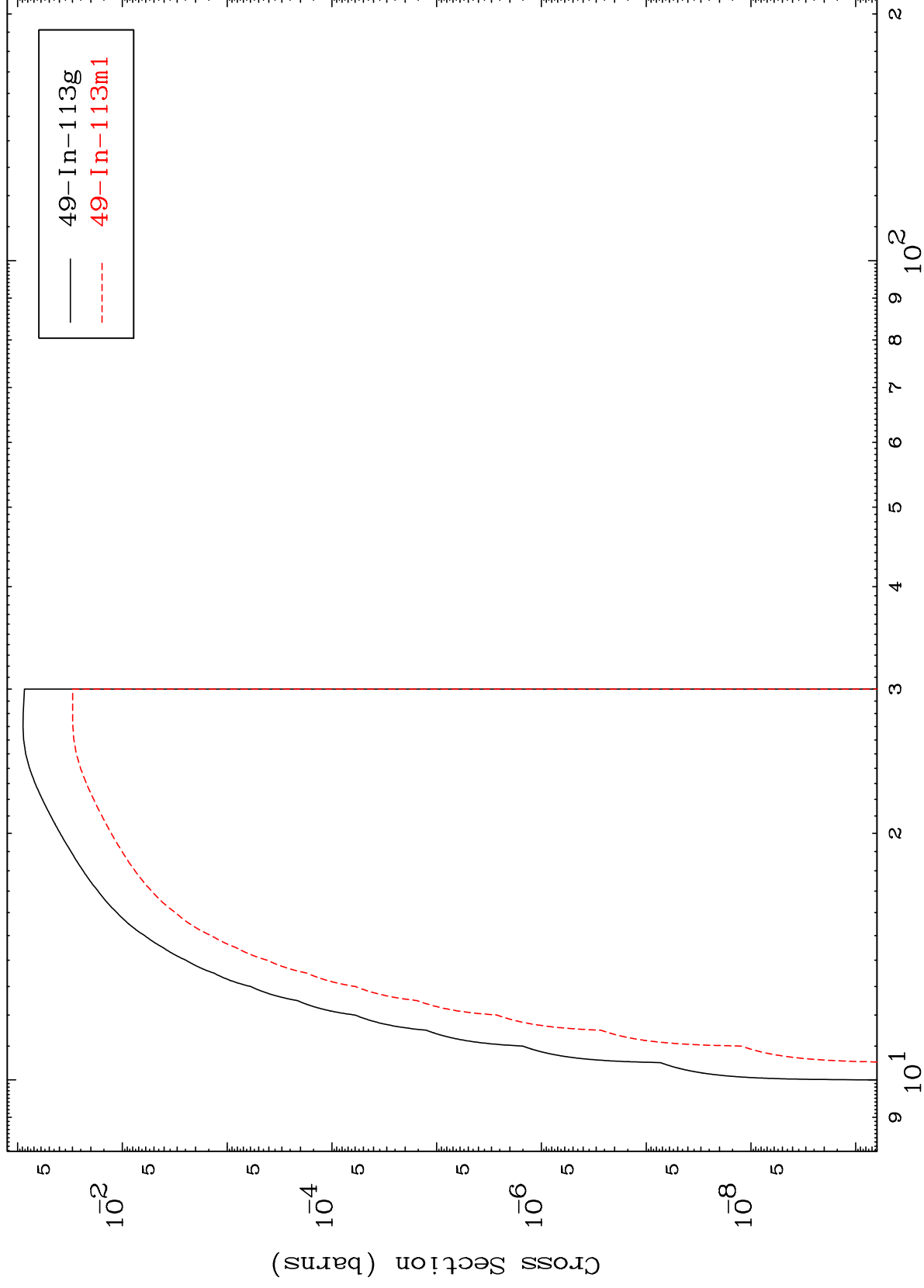
133

MAT 5031

(n,n') p

50-Sn-114

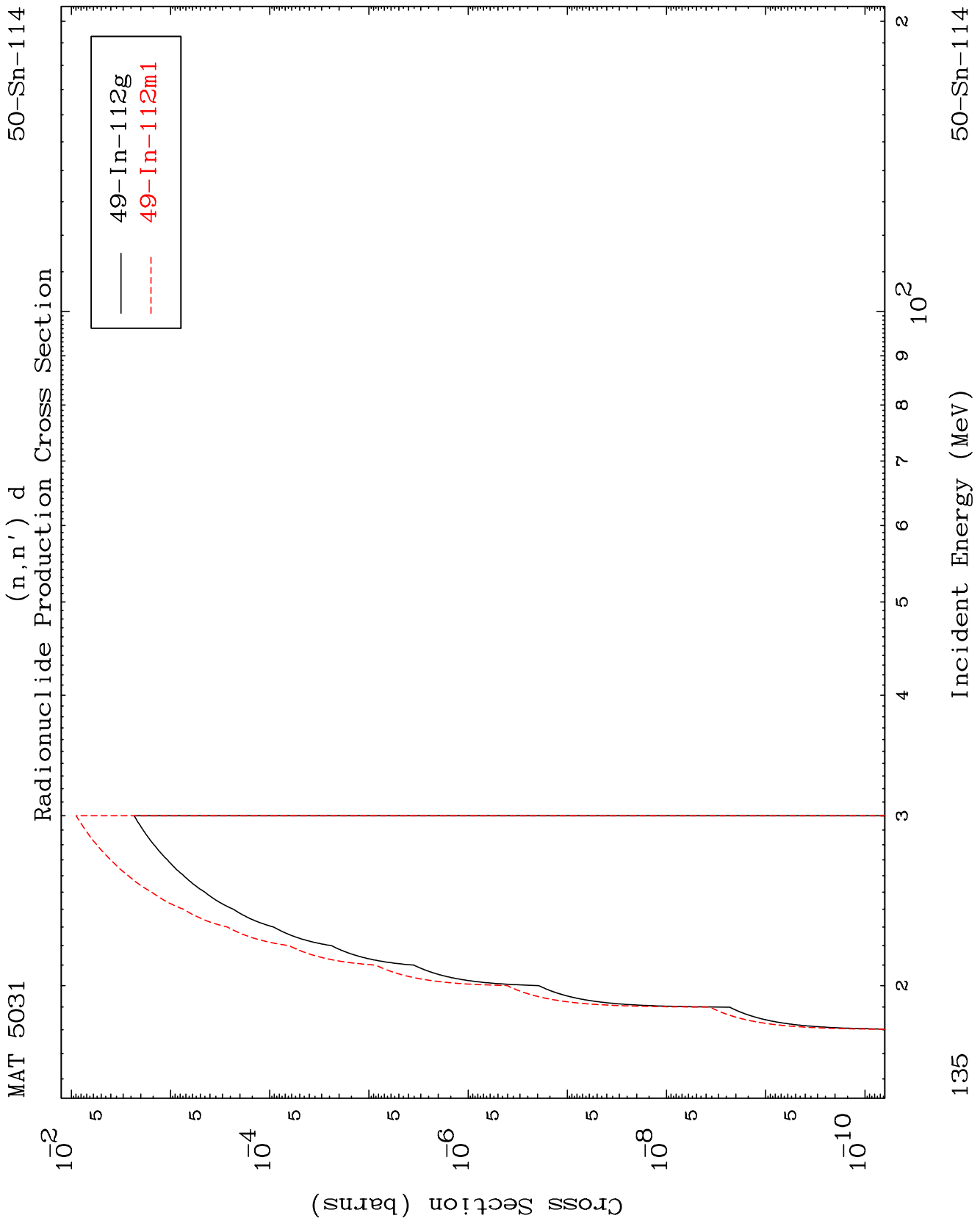
Radionuclide Production Cross Section



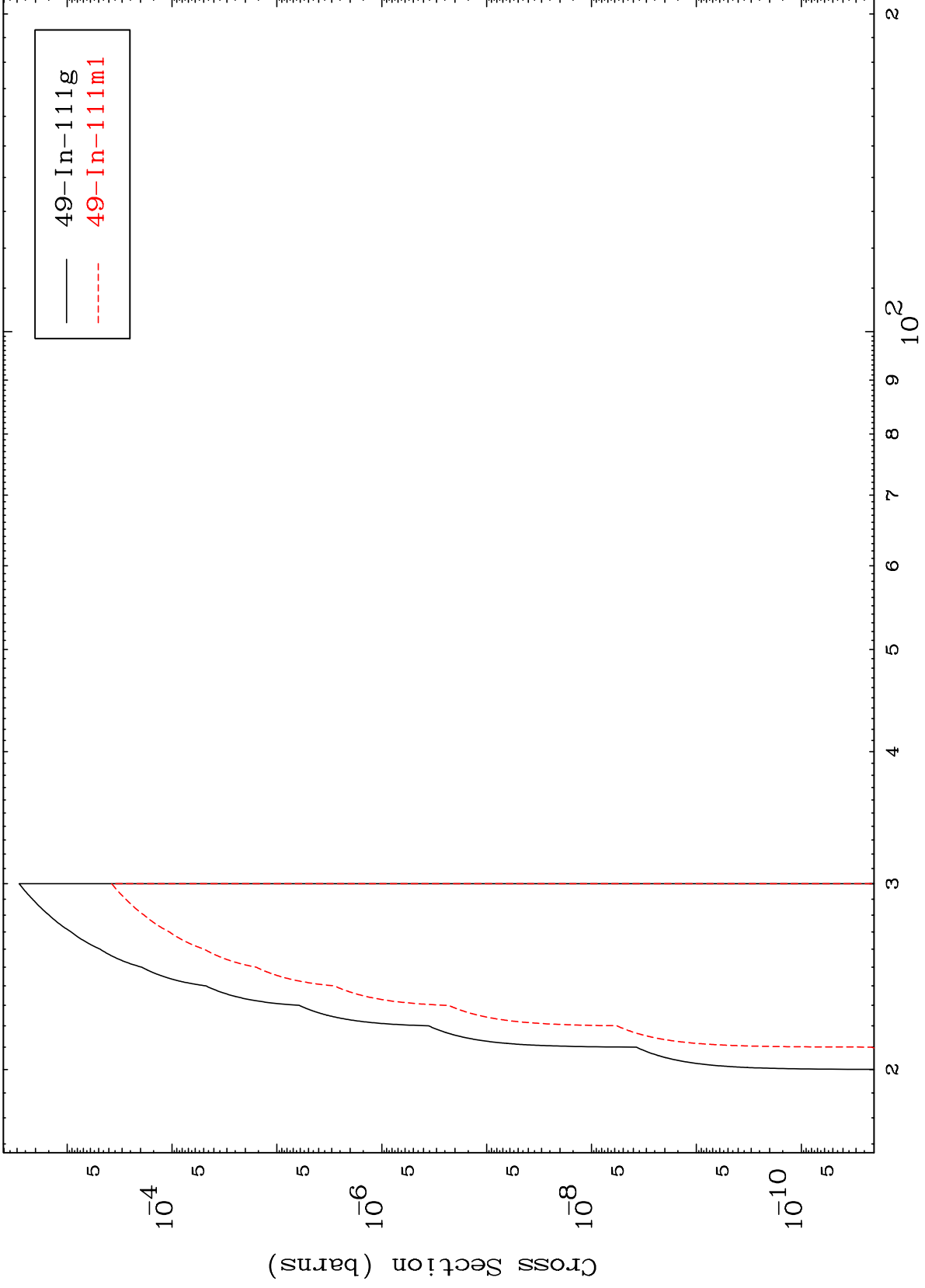
134

Incident Energy (MeV)

50-Sn-114



Radionuclide Production Cross Section

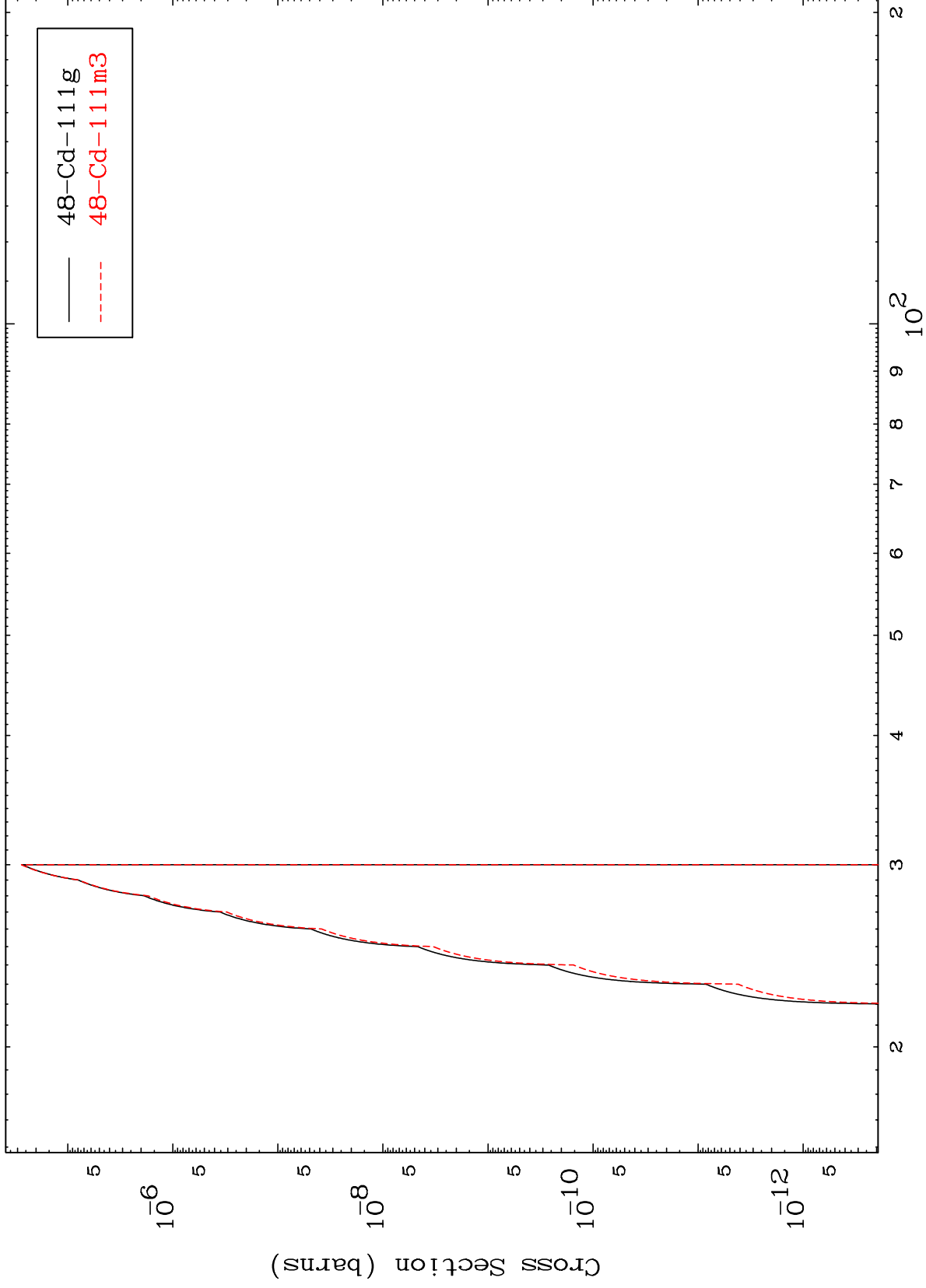


MAT 5031

(n,n') He-3

50-Sn-114

Radionuclide Production Cross Section

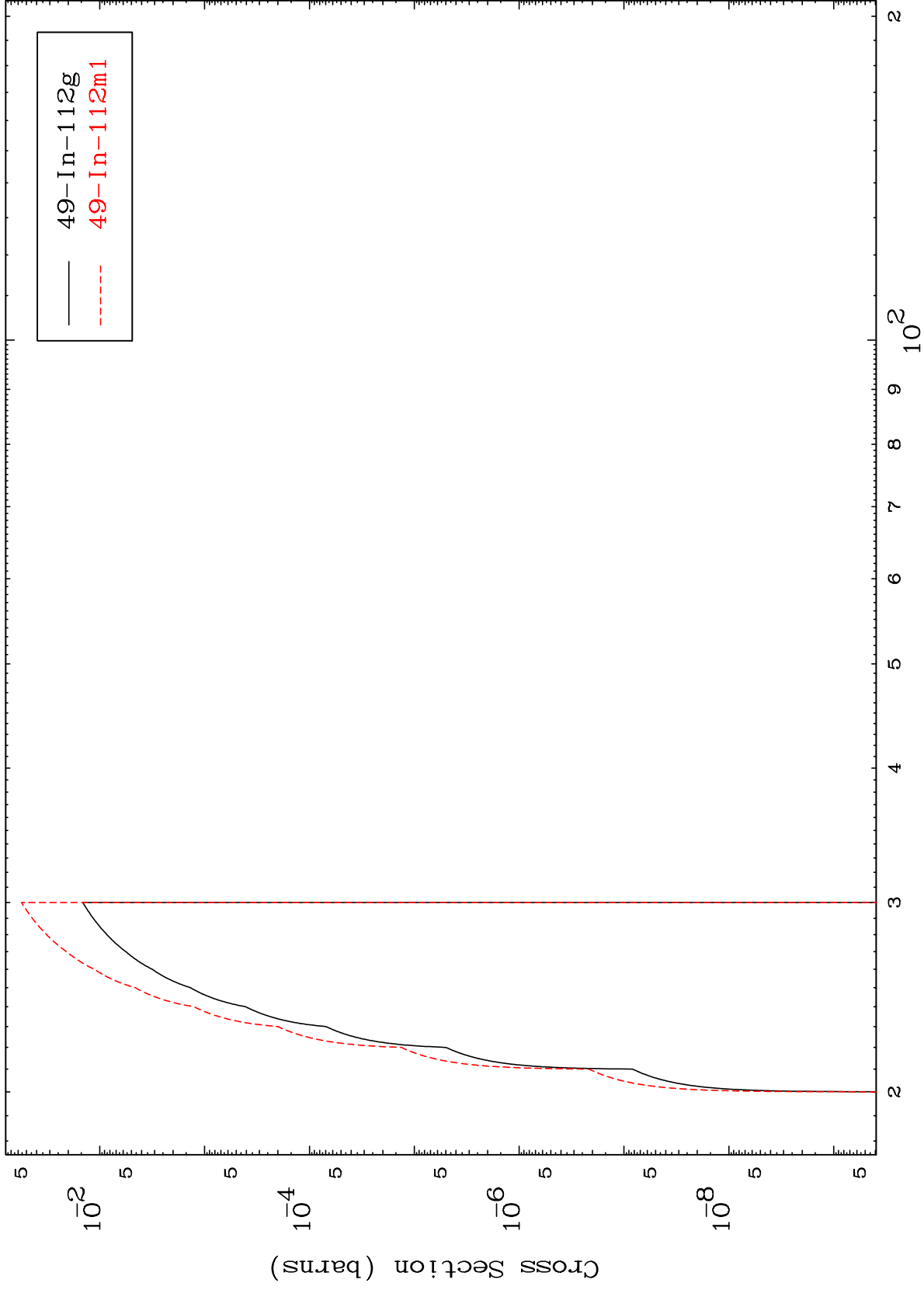


137

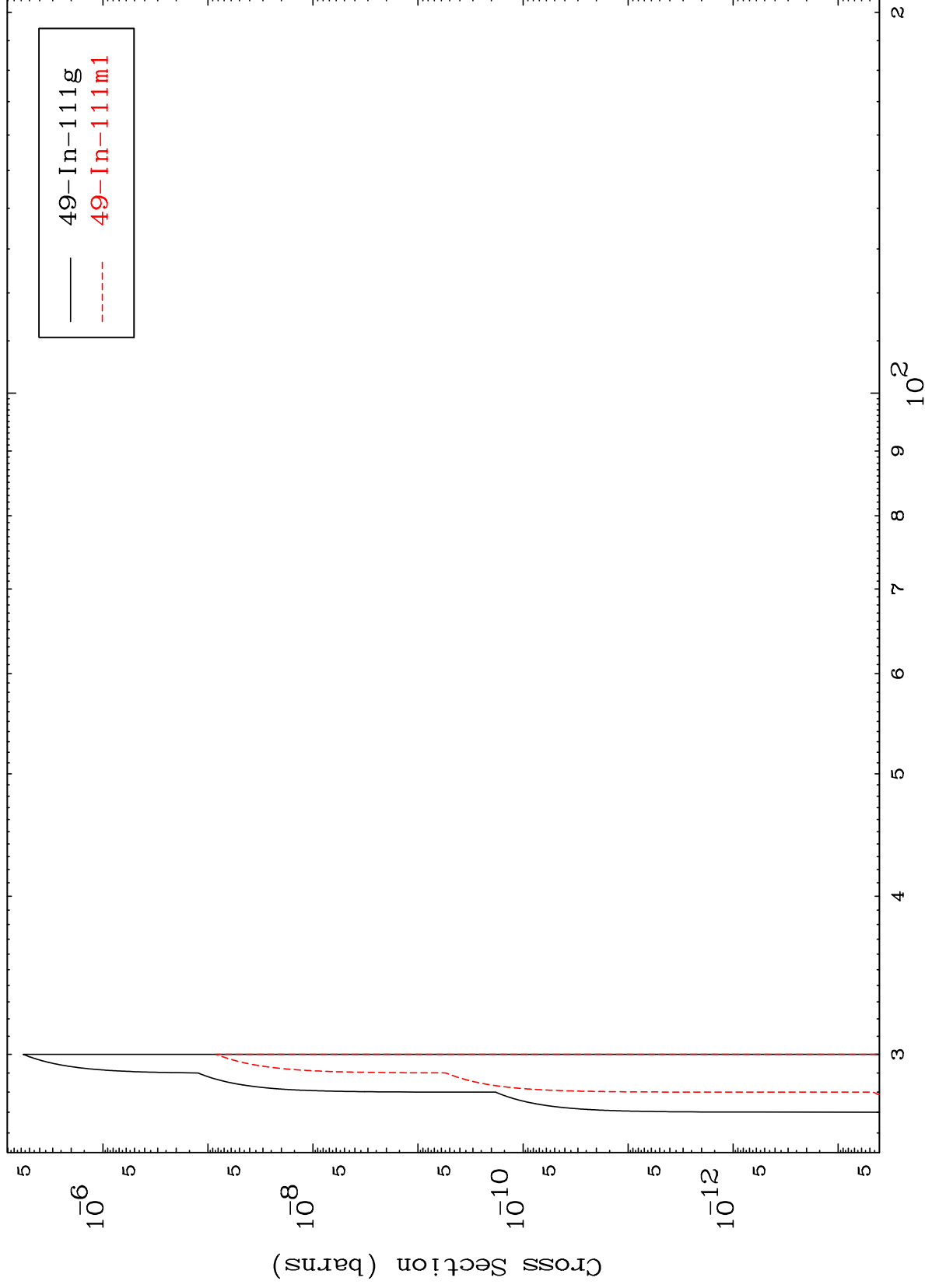
Incident Energy (MeV)

50-Sn-114

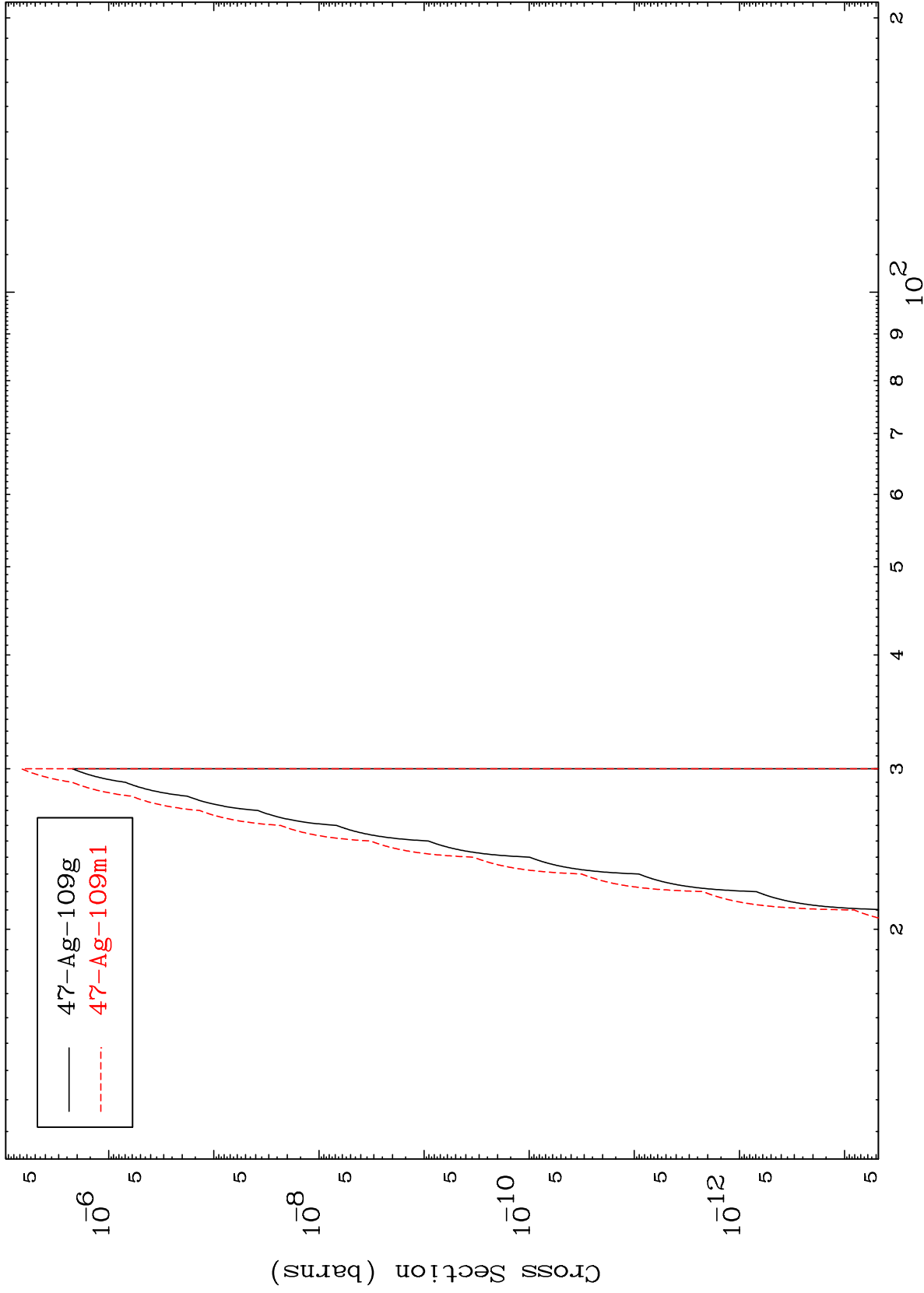
(n,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section



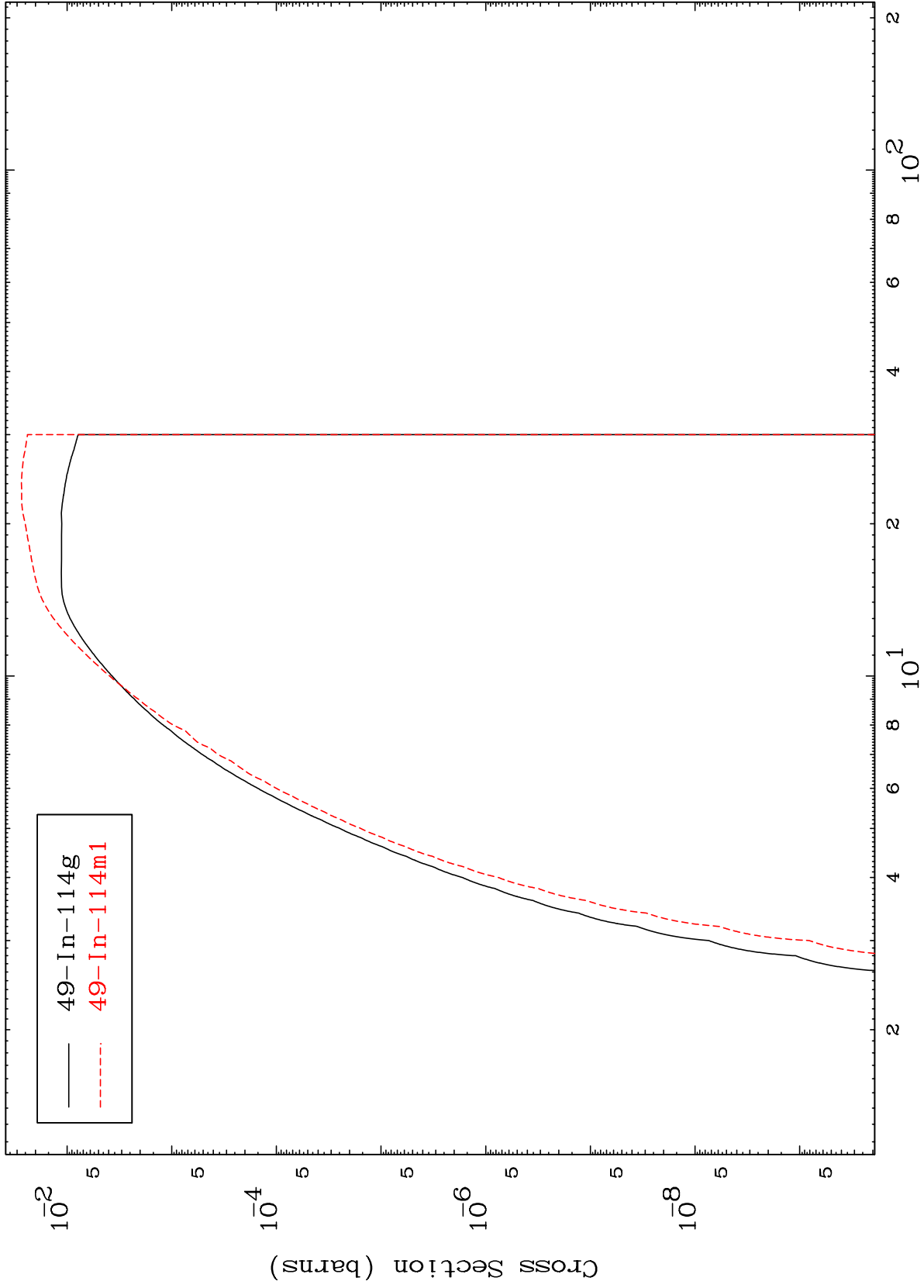
(n,n') p α
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,p)
Radionuclide Production Cross Section



141

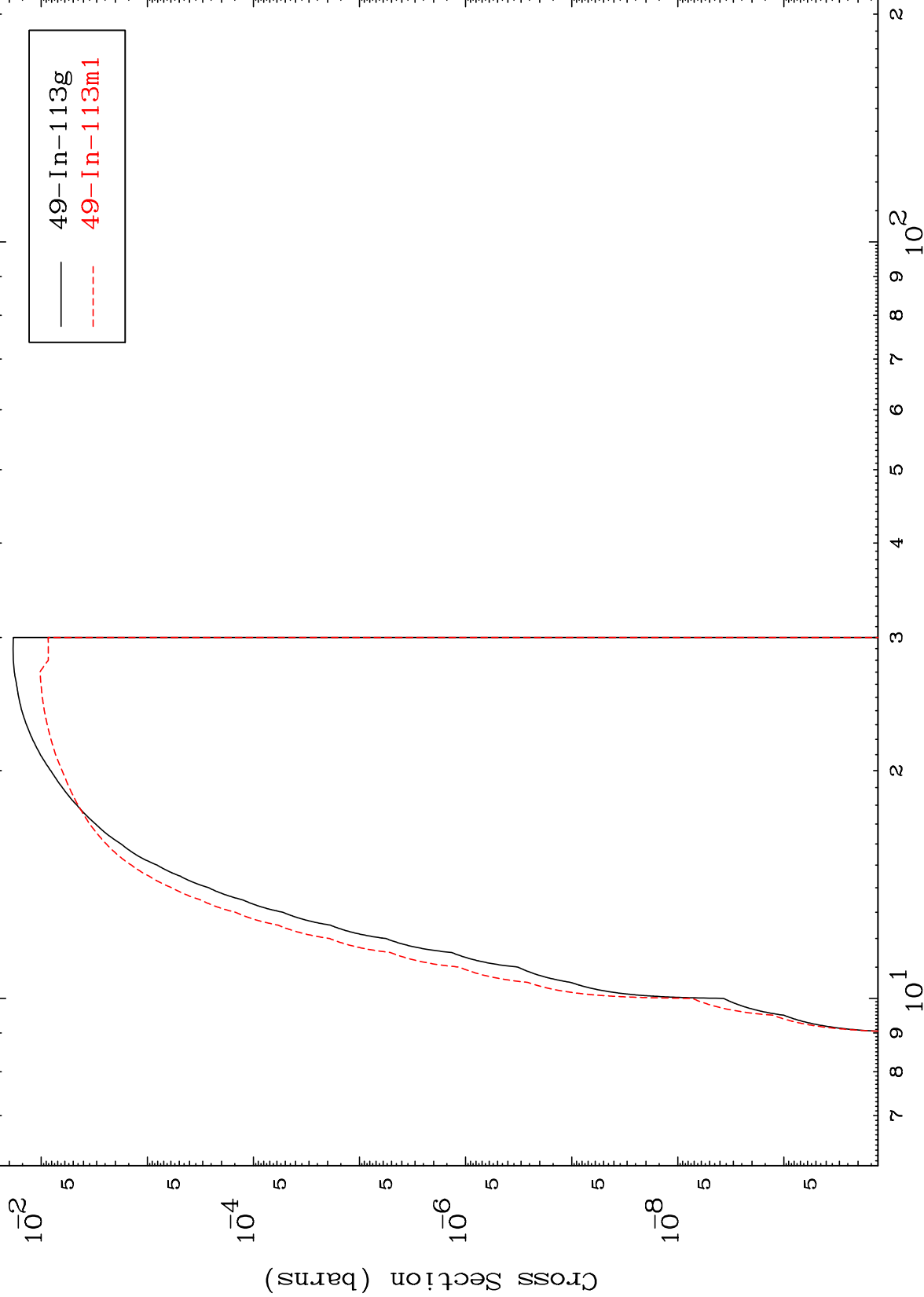
50-Sn-114

MAT 5031

(n,d)

50-Sn-114

Radionuclide Production Cross Section



142

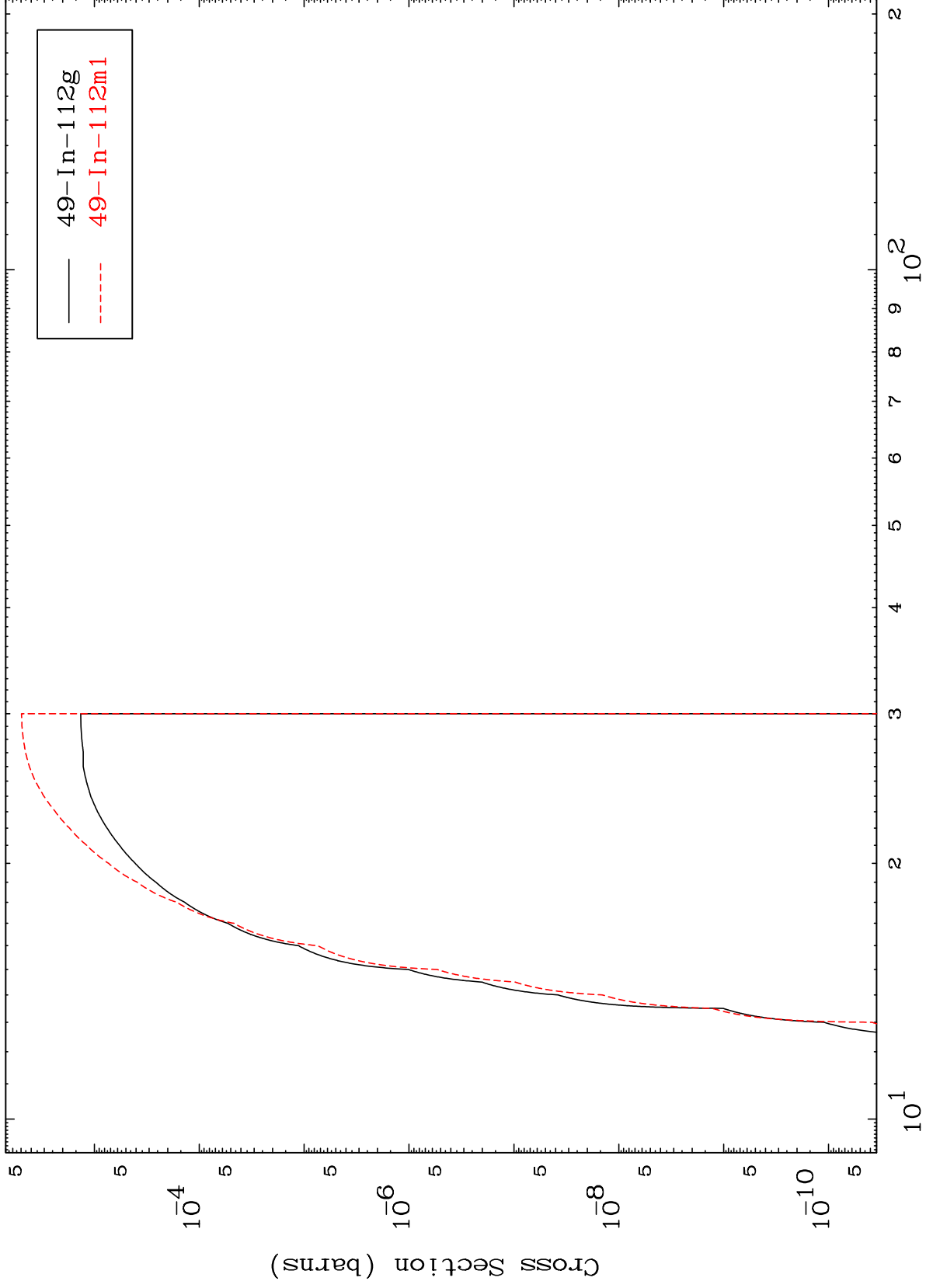
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n, t)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

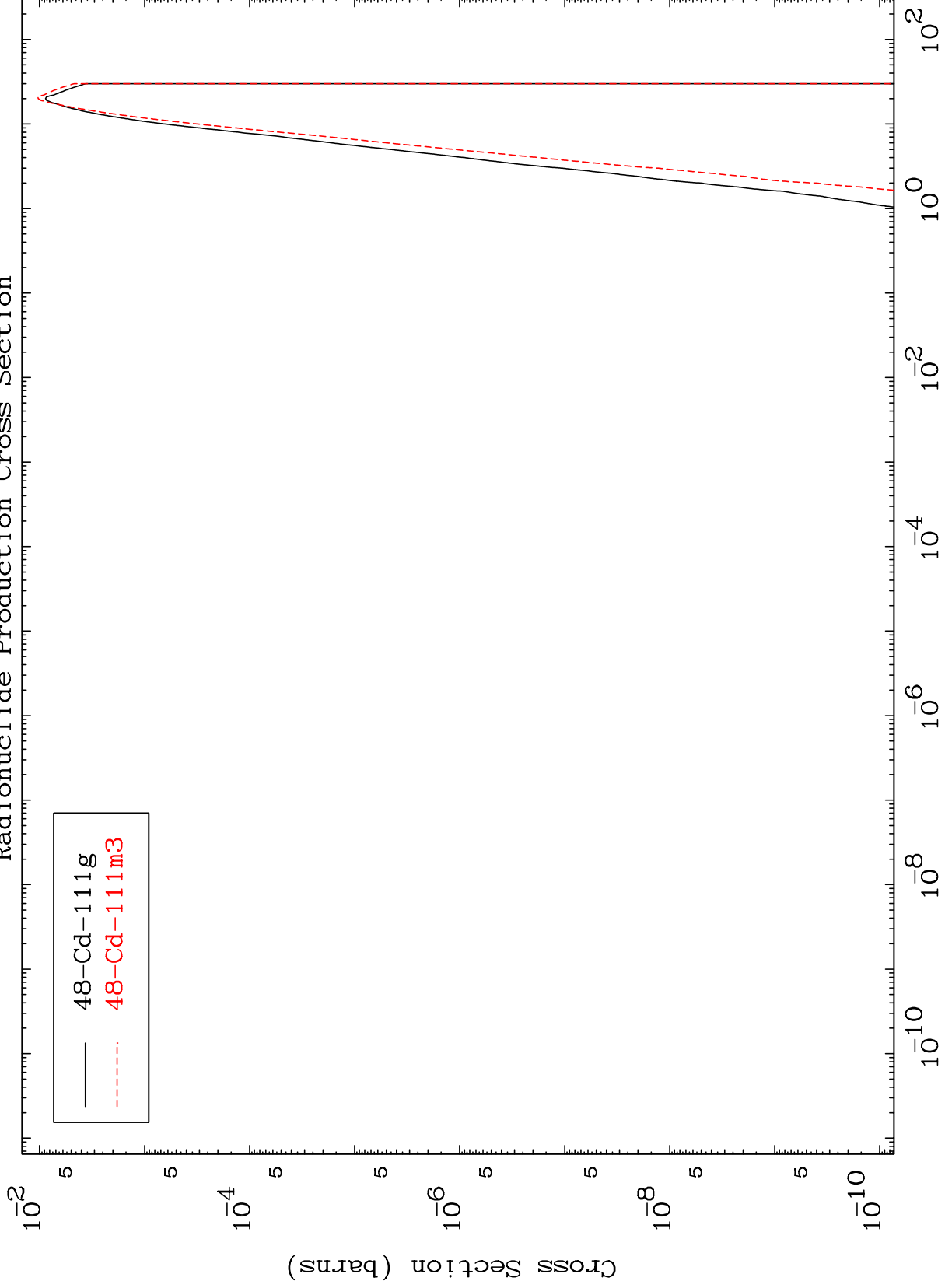
143

MAT 5031

(n, α)

50-Sn-114

Radionuclide Production Cross Section

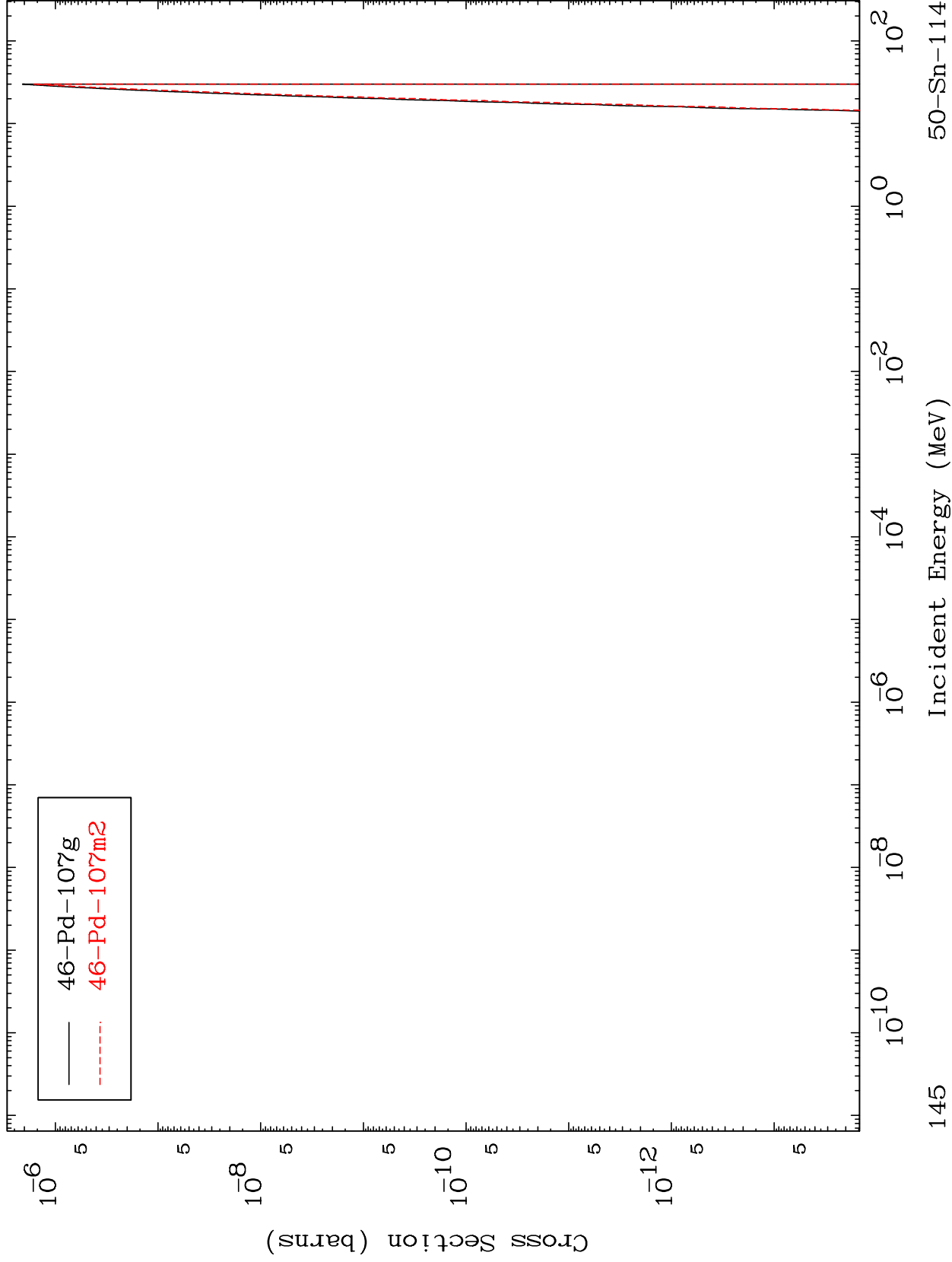


MAT 5031

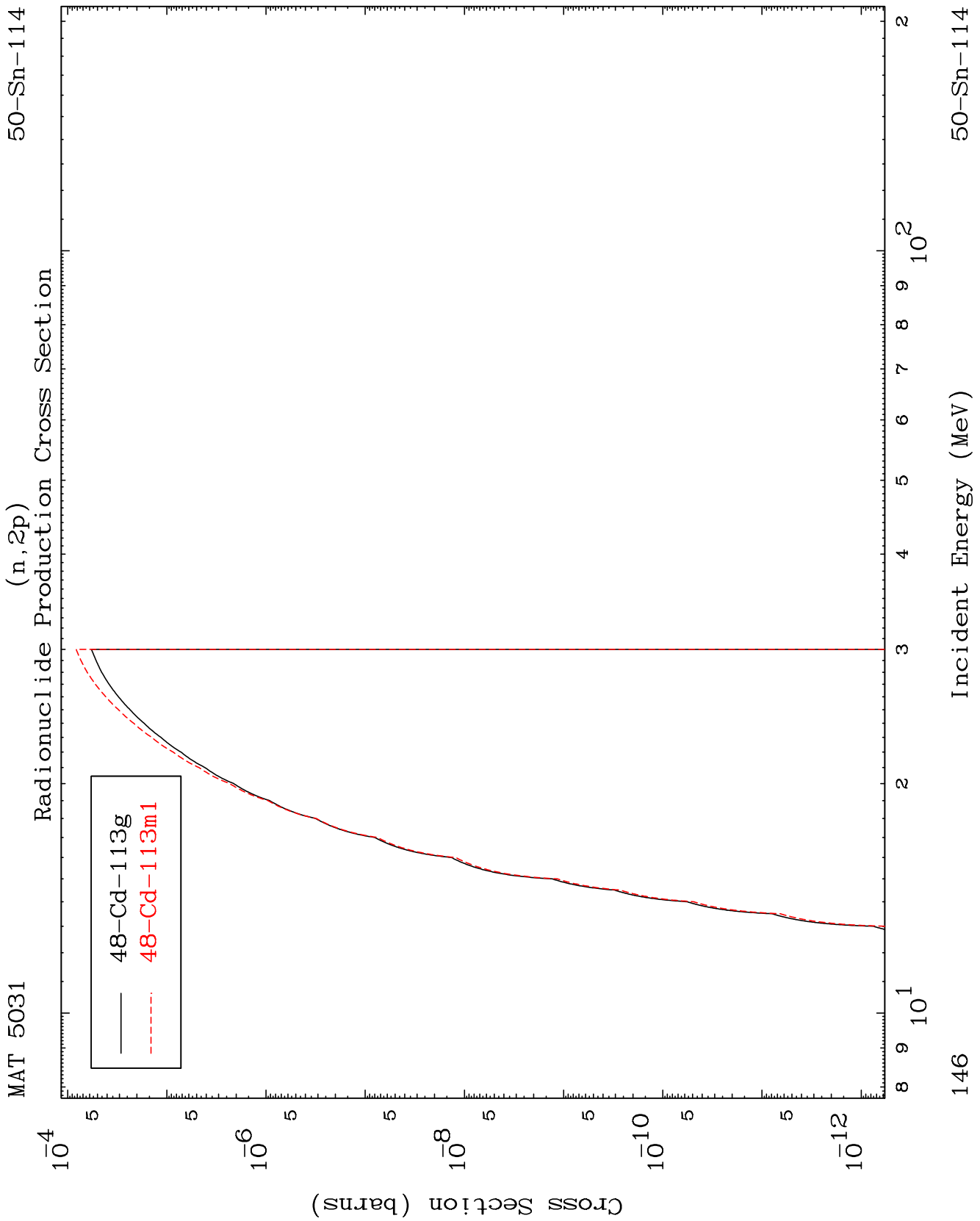
(n,2α)

50-Sn-114

Radionuclide Production Cross Section



145

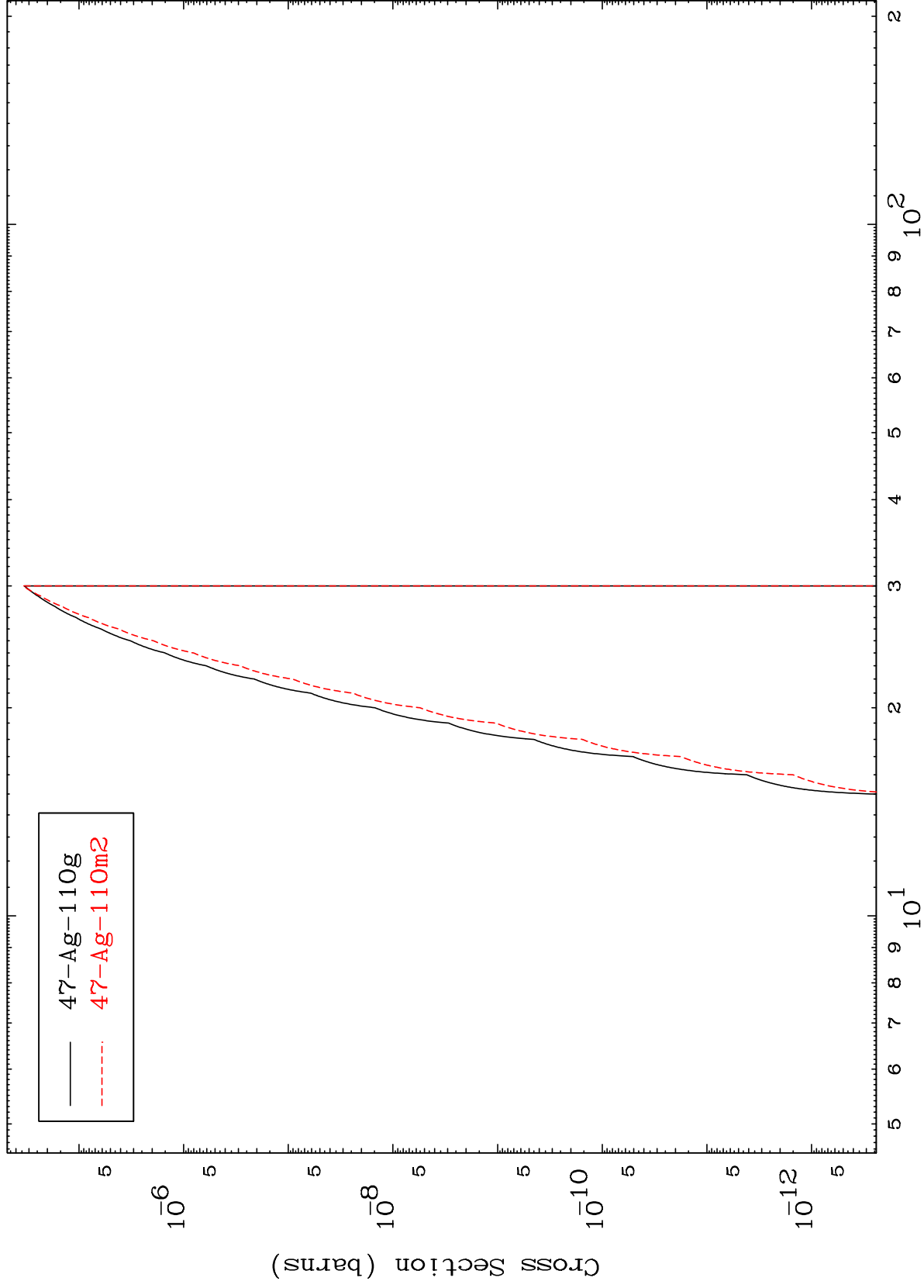


MAT 5031

50-Sn-114

(n,p) α

Radionuclide Production Cross Section

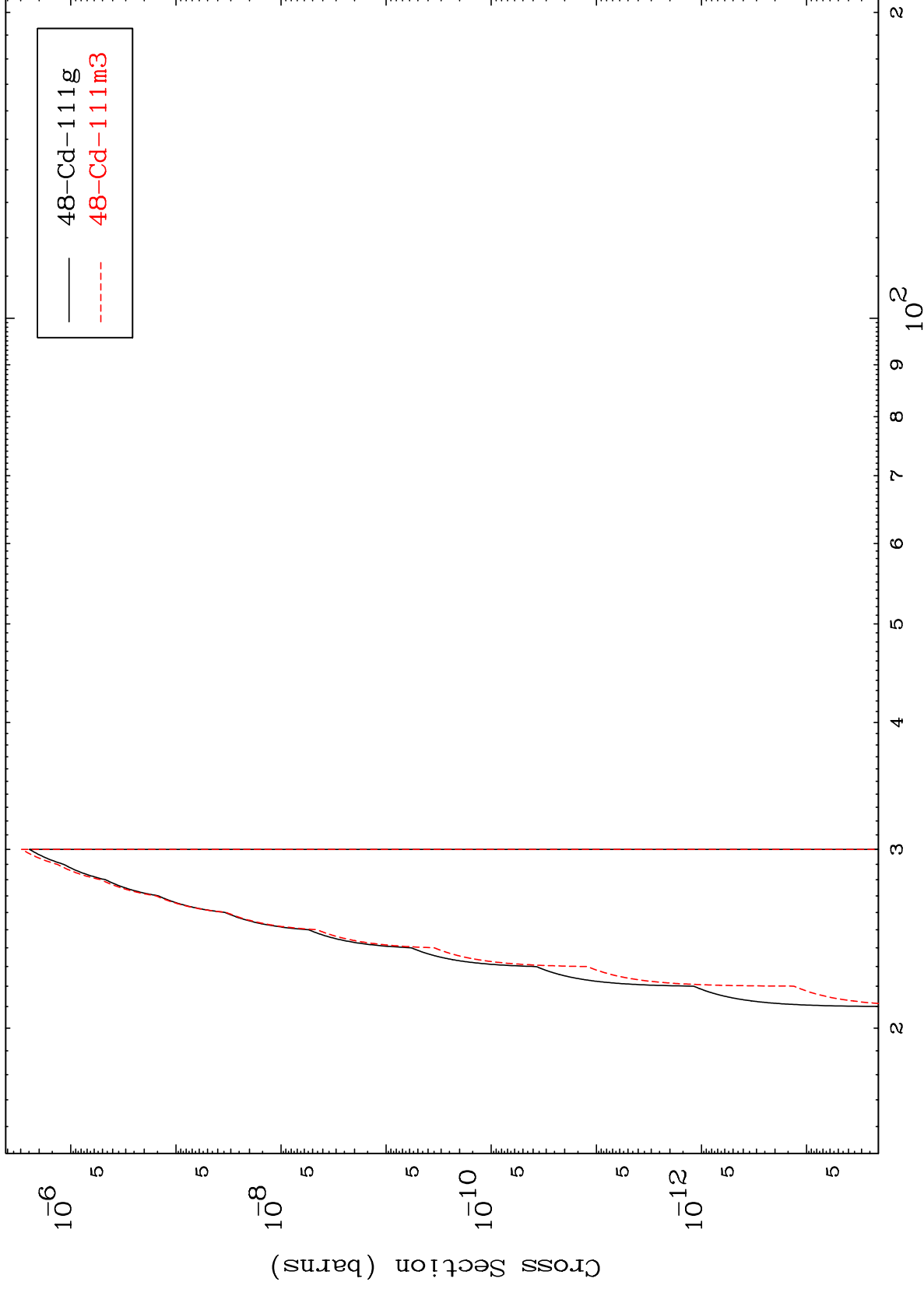


147

Incident Energy (MeV)

50-Sn-114

Radionuclide Production Cross Section

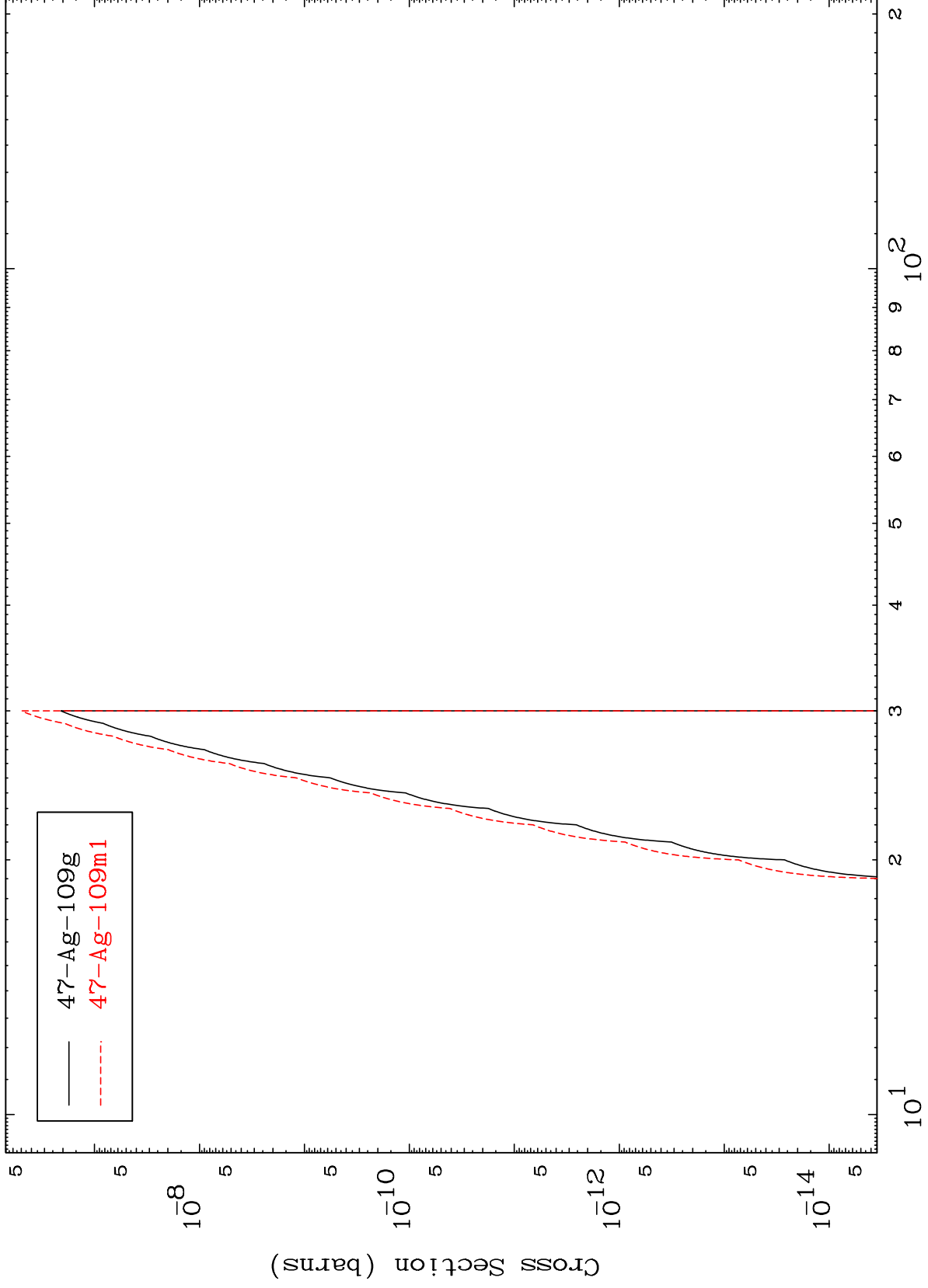


MAT 5031

(n,d) α

50-Sn-114

Radionuclide Production Cross Section



149

Incident Energy (MeV)

50-Sn-114