

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

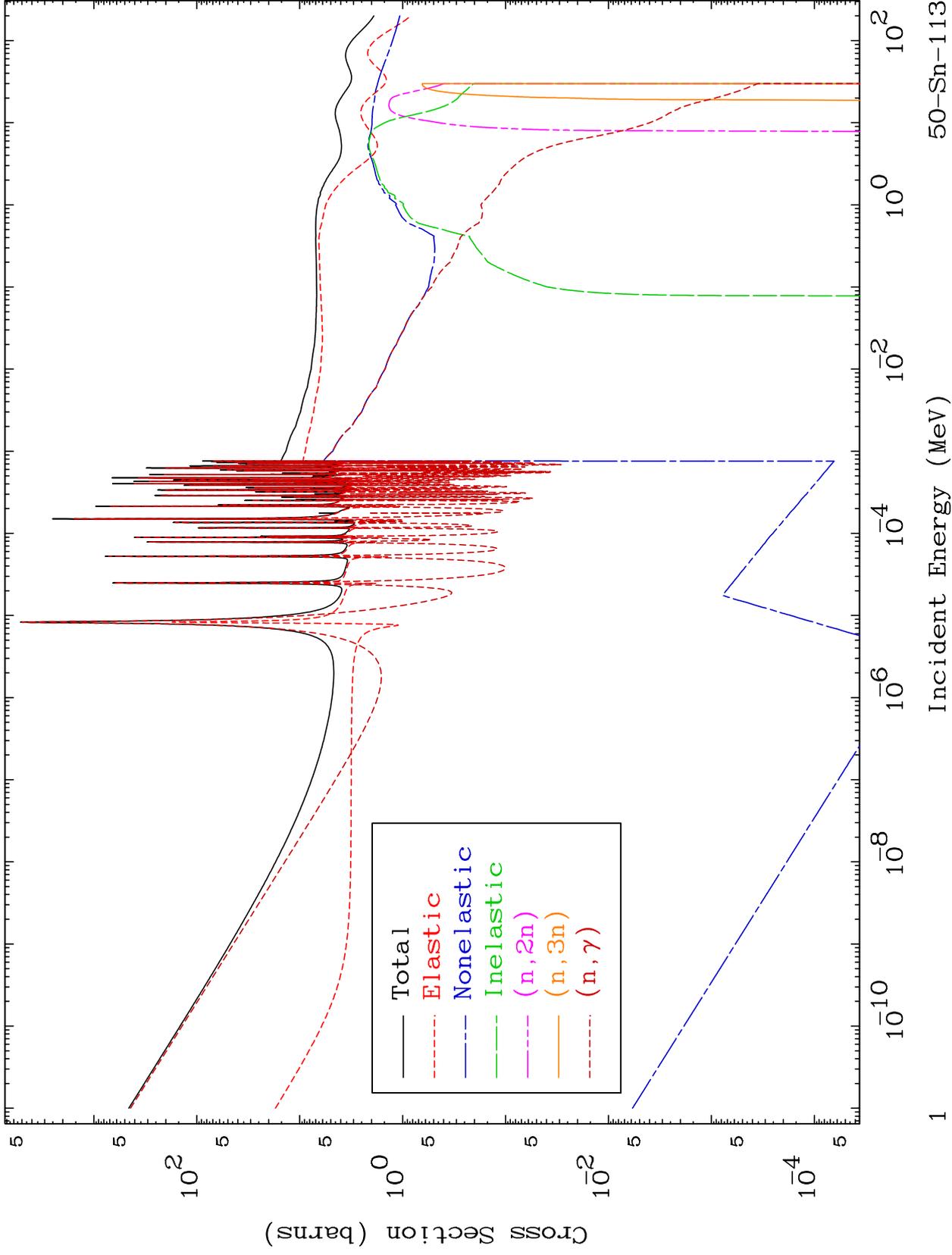
Web:redcullen1.net/HOMEPAGE.NEW

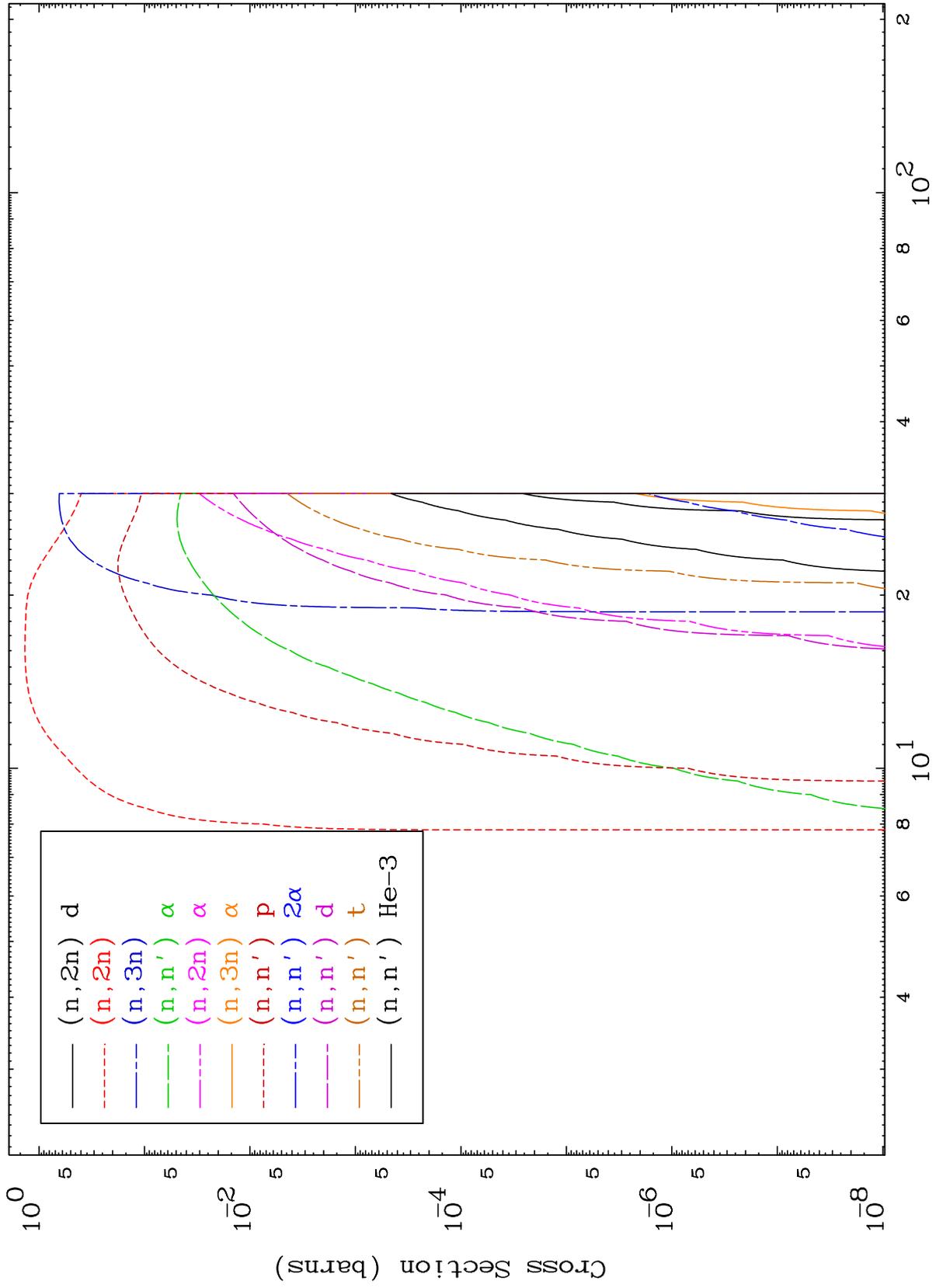
Press Mouse Button to Start

MAT 5028

Neutron Major
293 Kelvin Cross Sections

50-Sn-113

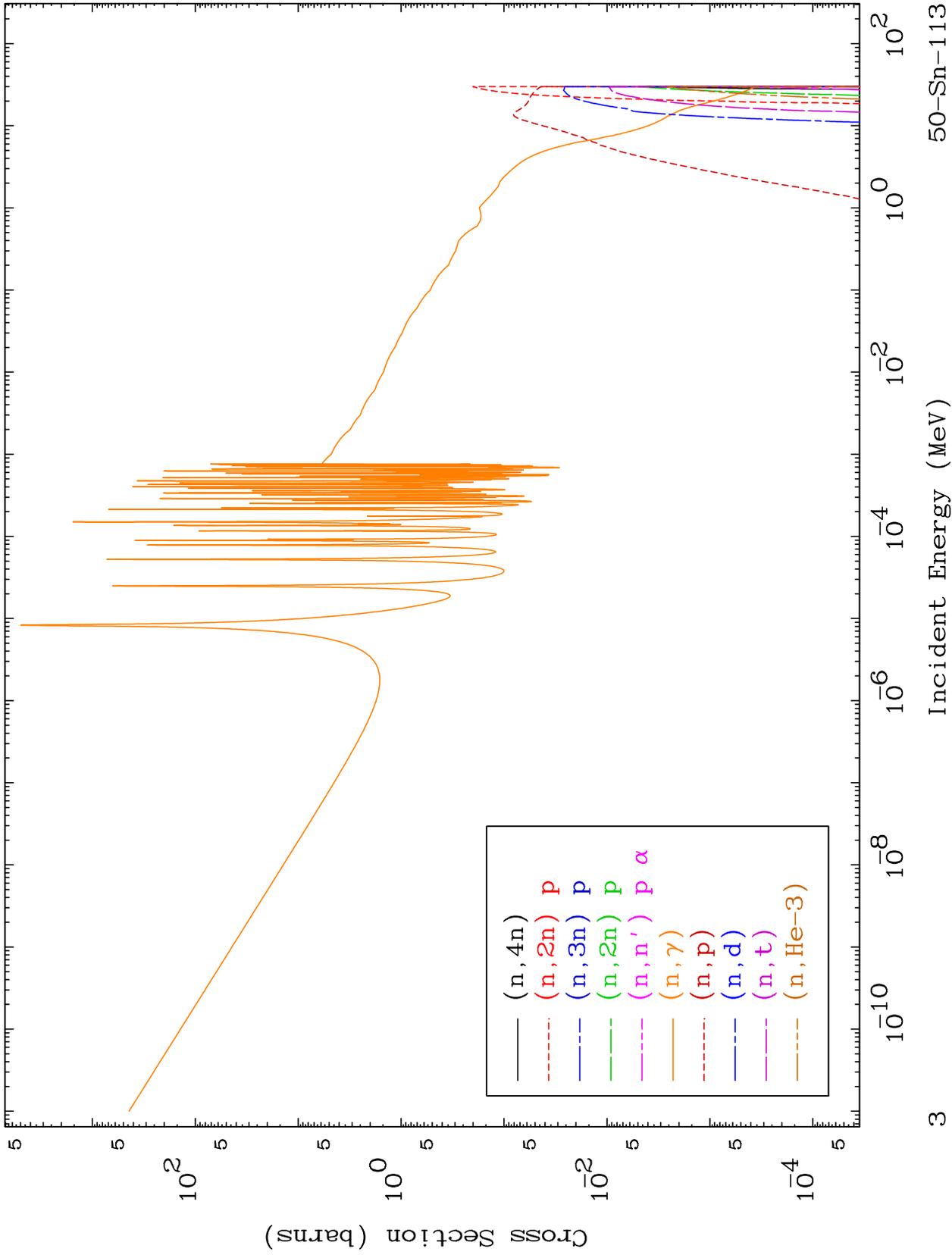




MAT 5028

Neutron Absorption
293 Kelvin Cross Sections

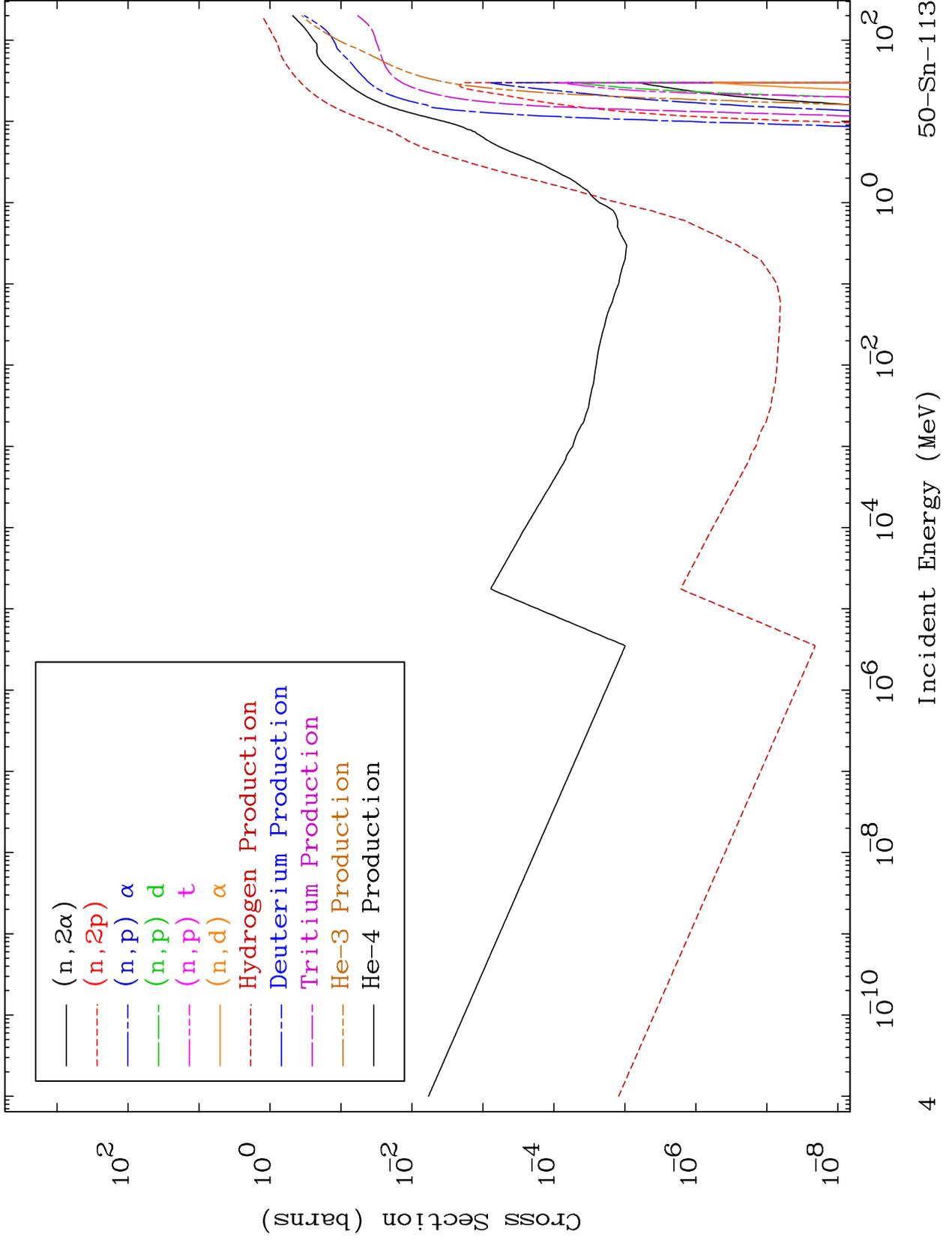
50-Sn-113



MAT 5028

Neutron Absorption
293 Kelvin Cross Sections

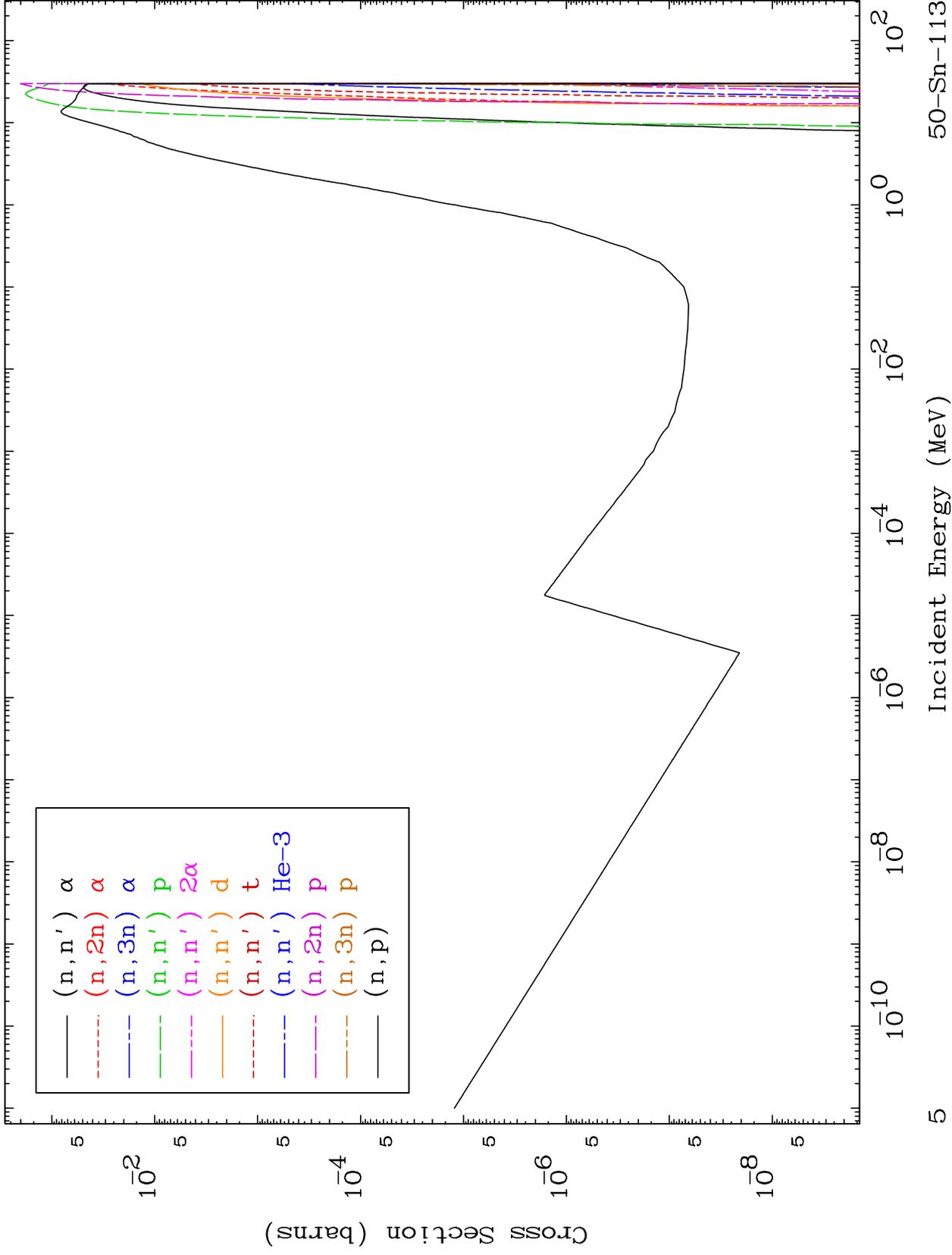
50-Sn-113



MAT 5028

Charged Particle
293 Kelvin Cross Sections

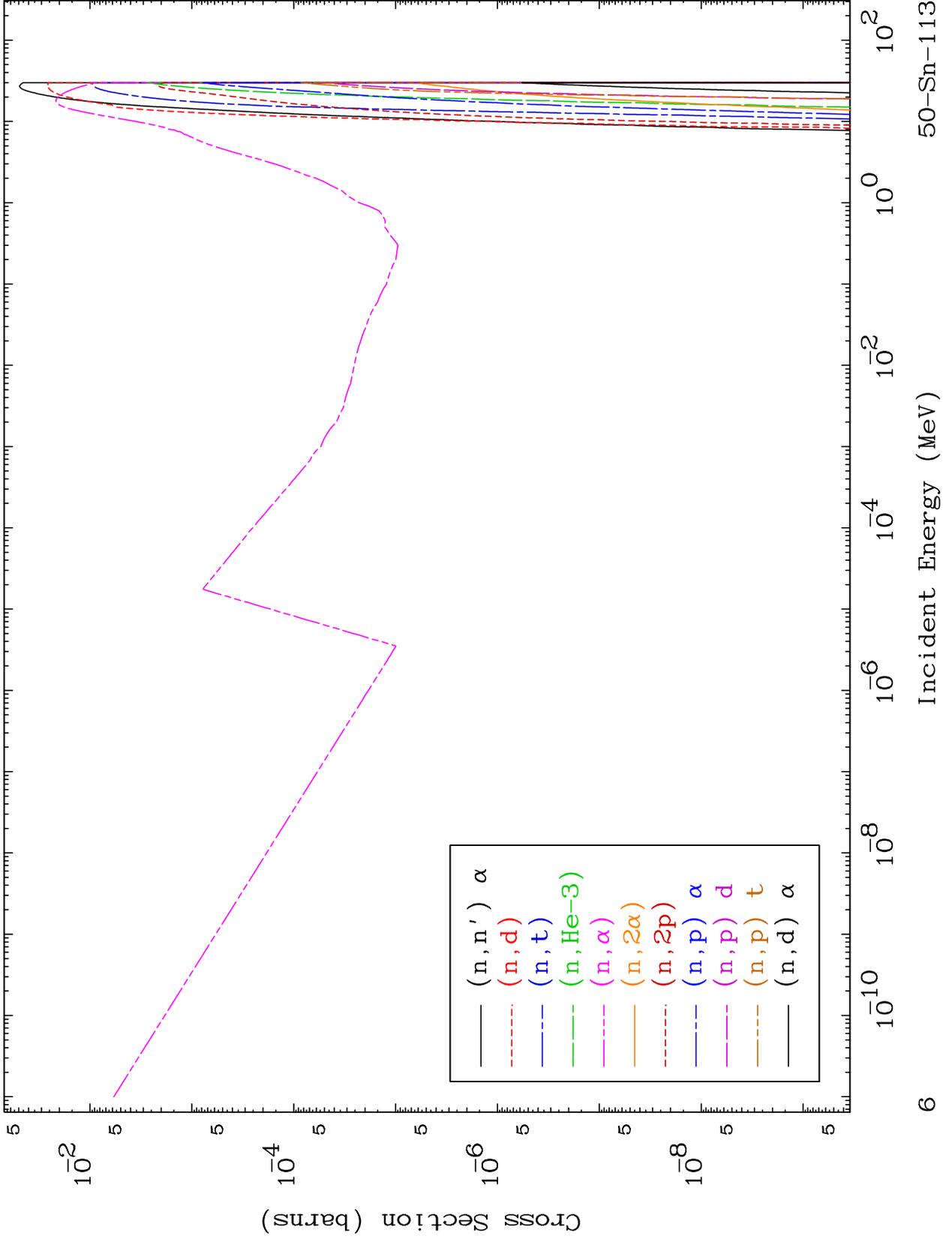
50-Sn-113



MAT 5028

Charged Particle
293 Kelvin Cross Sections

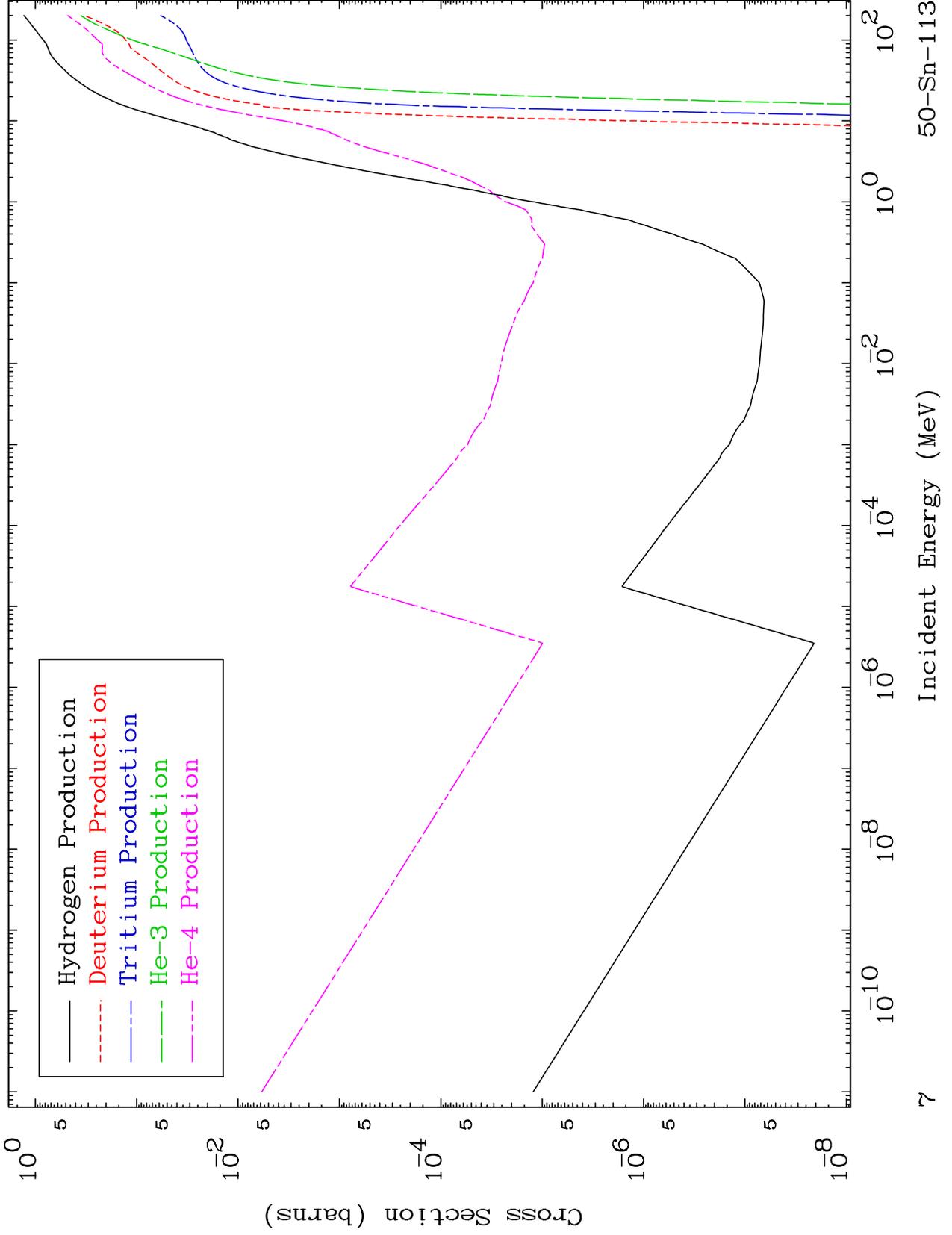
50-Sn-113



MAT 5028

Particle Production
293 Kelvin Cross Sections

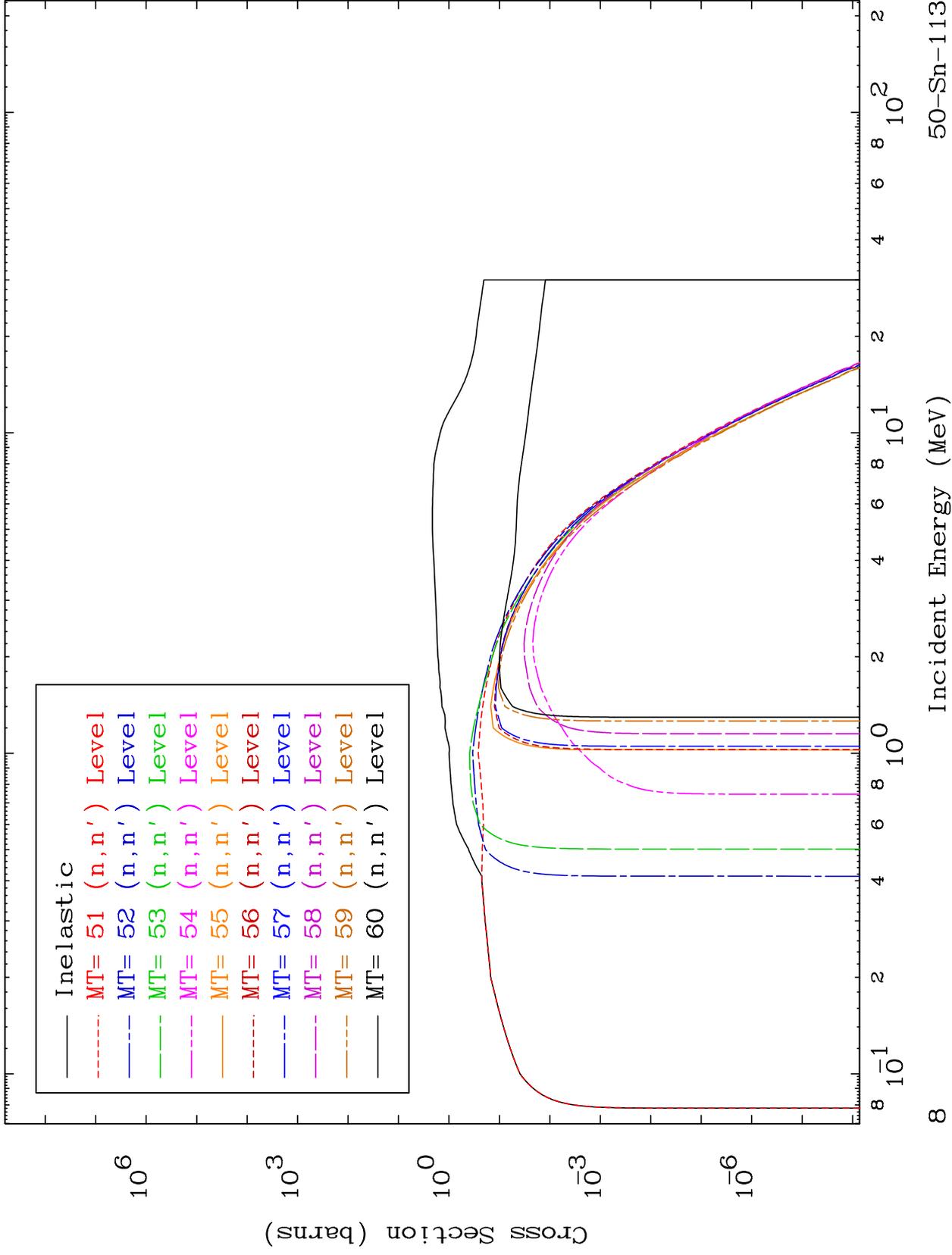
50-Sn-113



MAT 5028

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-113



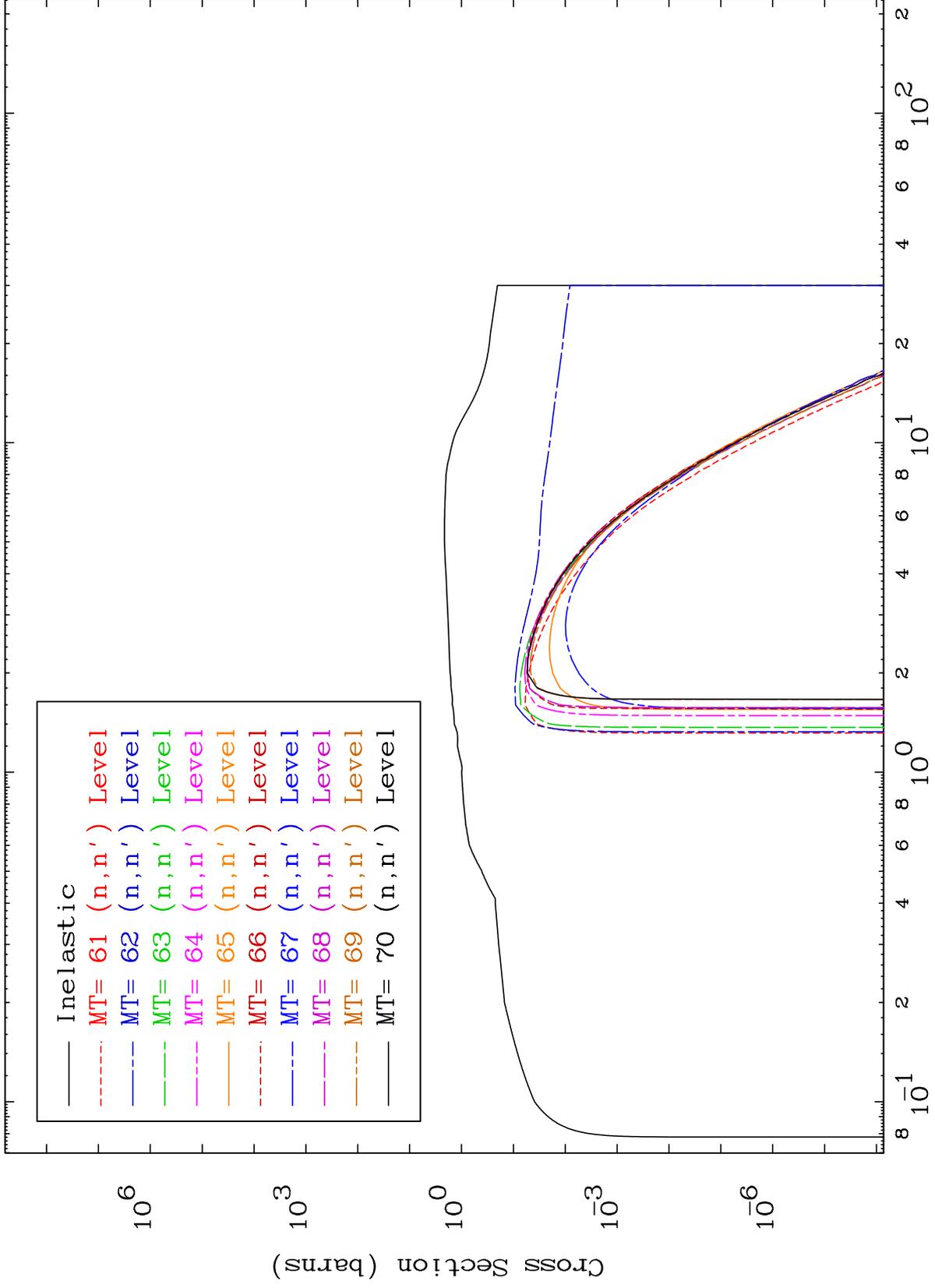
8

50-Sn-113

MAT 5028

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-113



9

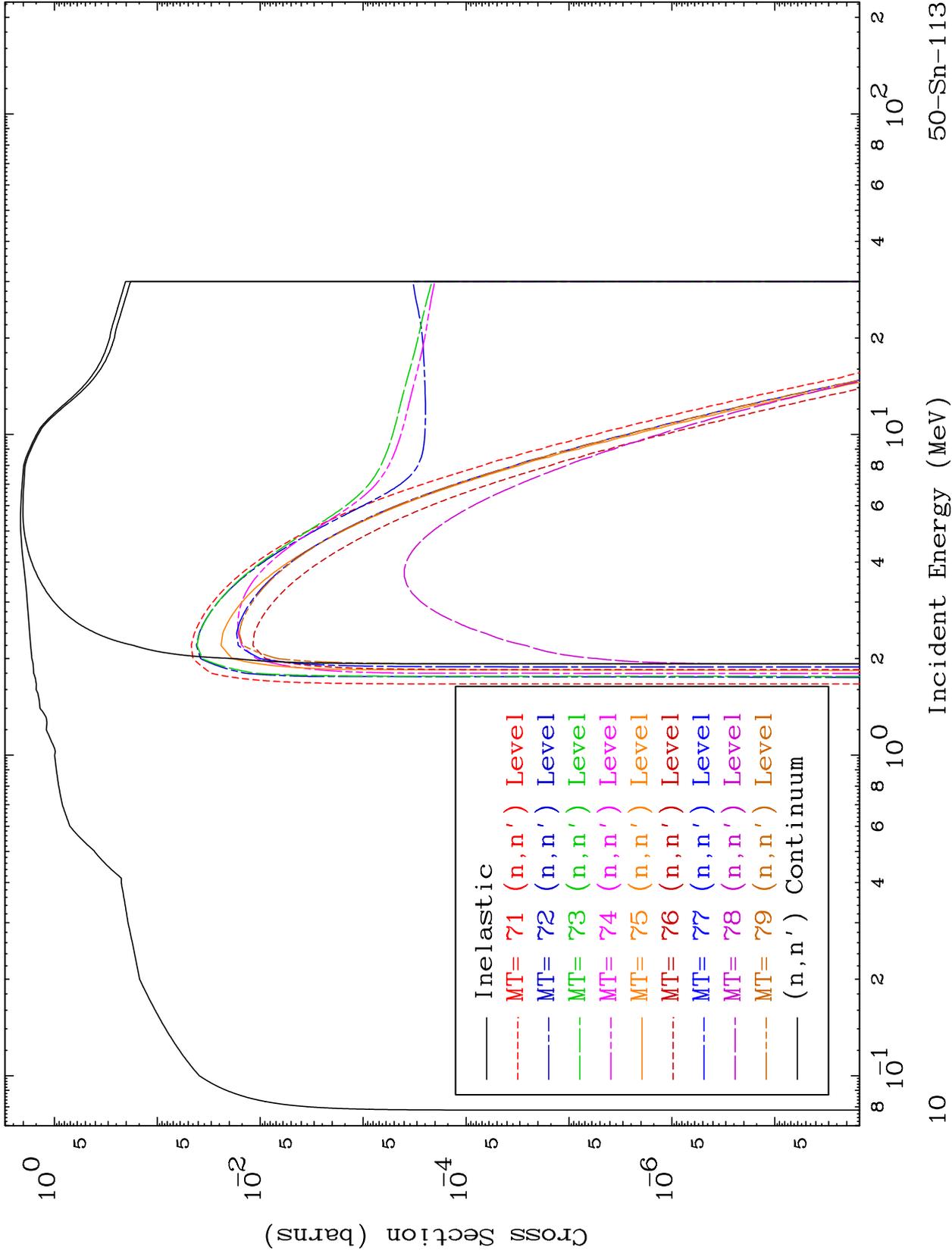
Incident Energy (MeV)

50-Sn-113

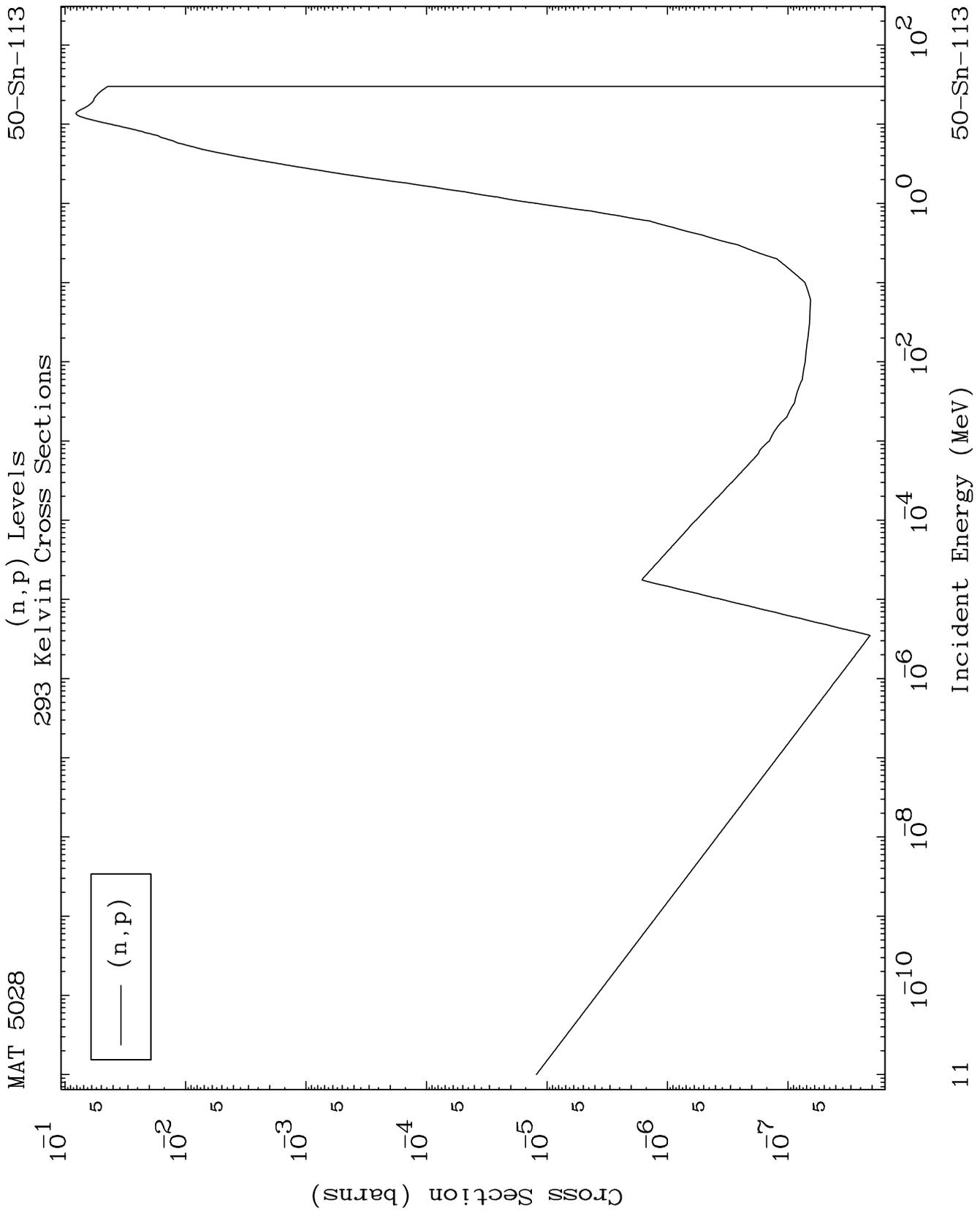
MAT 5028

293 (n,n') Levels

50-Sn-113



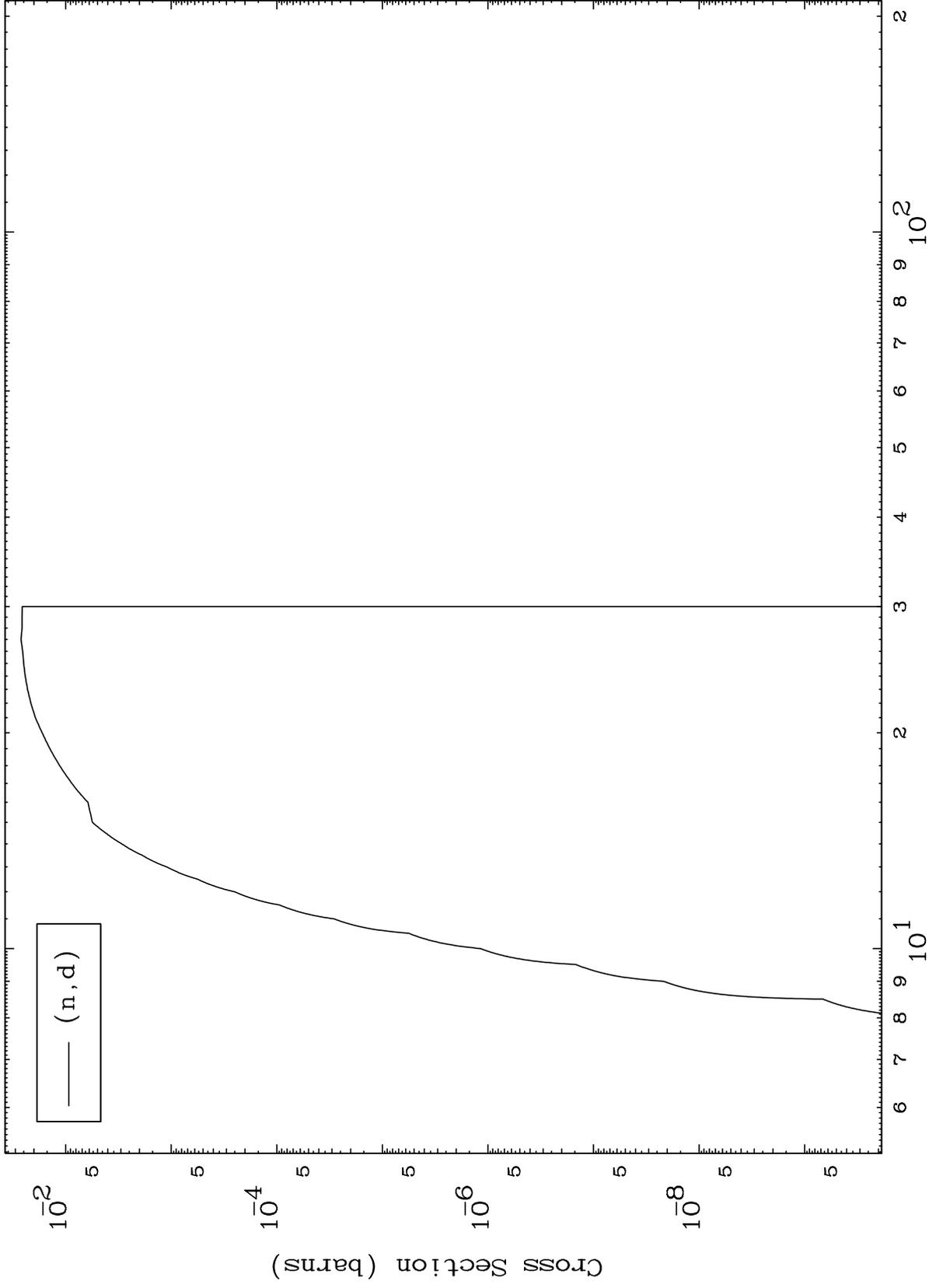
50-Sn-113



MAT 5028

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-113



Incident Energy (MeV)

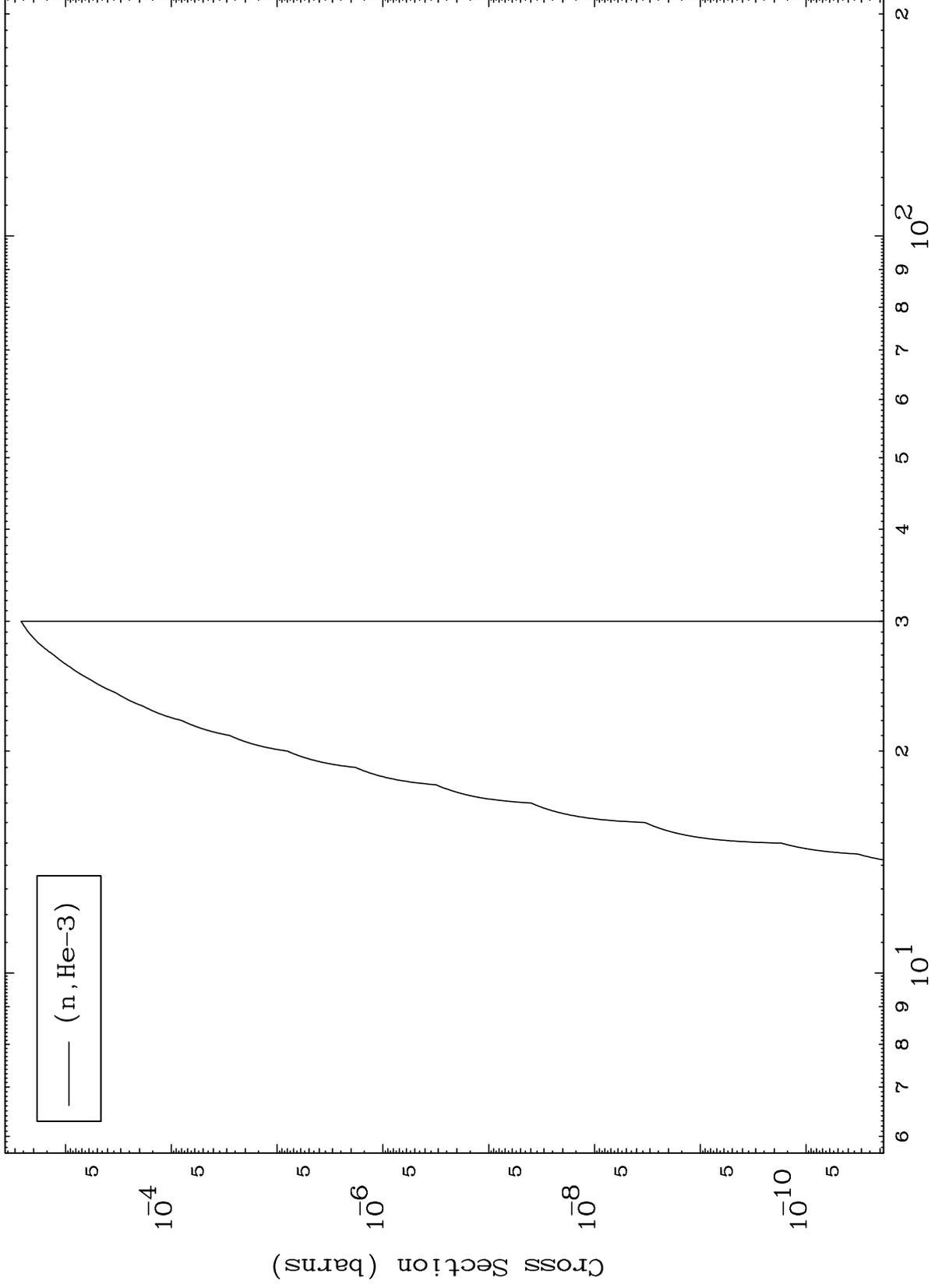
50-Sn-113

12

MAT 5028

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-113



14

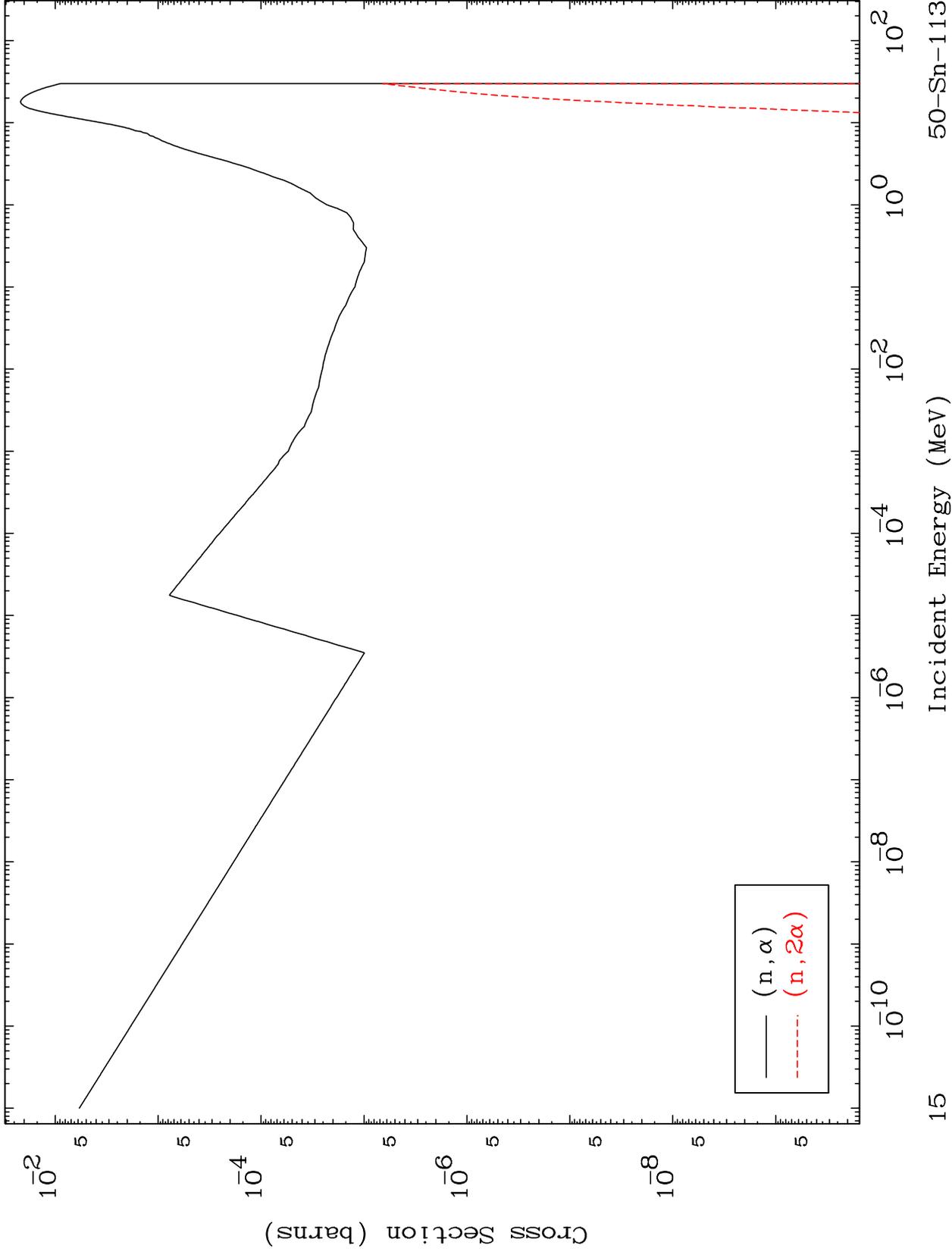
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,α) Levels
293 Kelvin Cross Sections

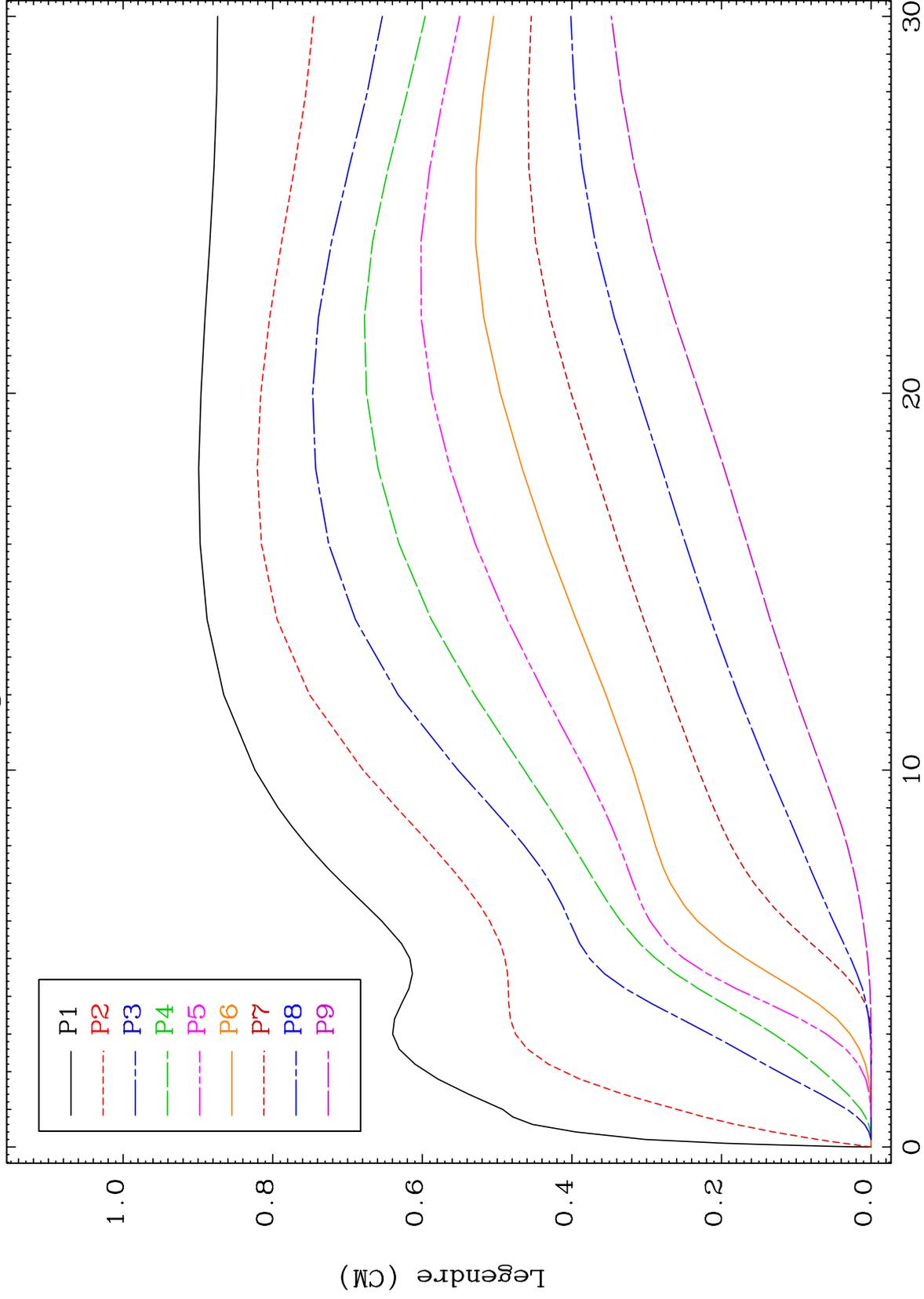
50-Sn-113



MAT 5028

Elastic Legendre Coefficients

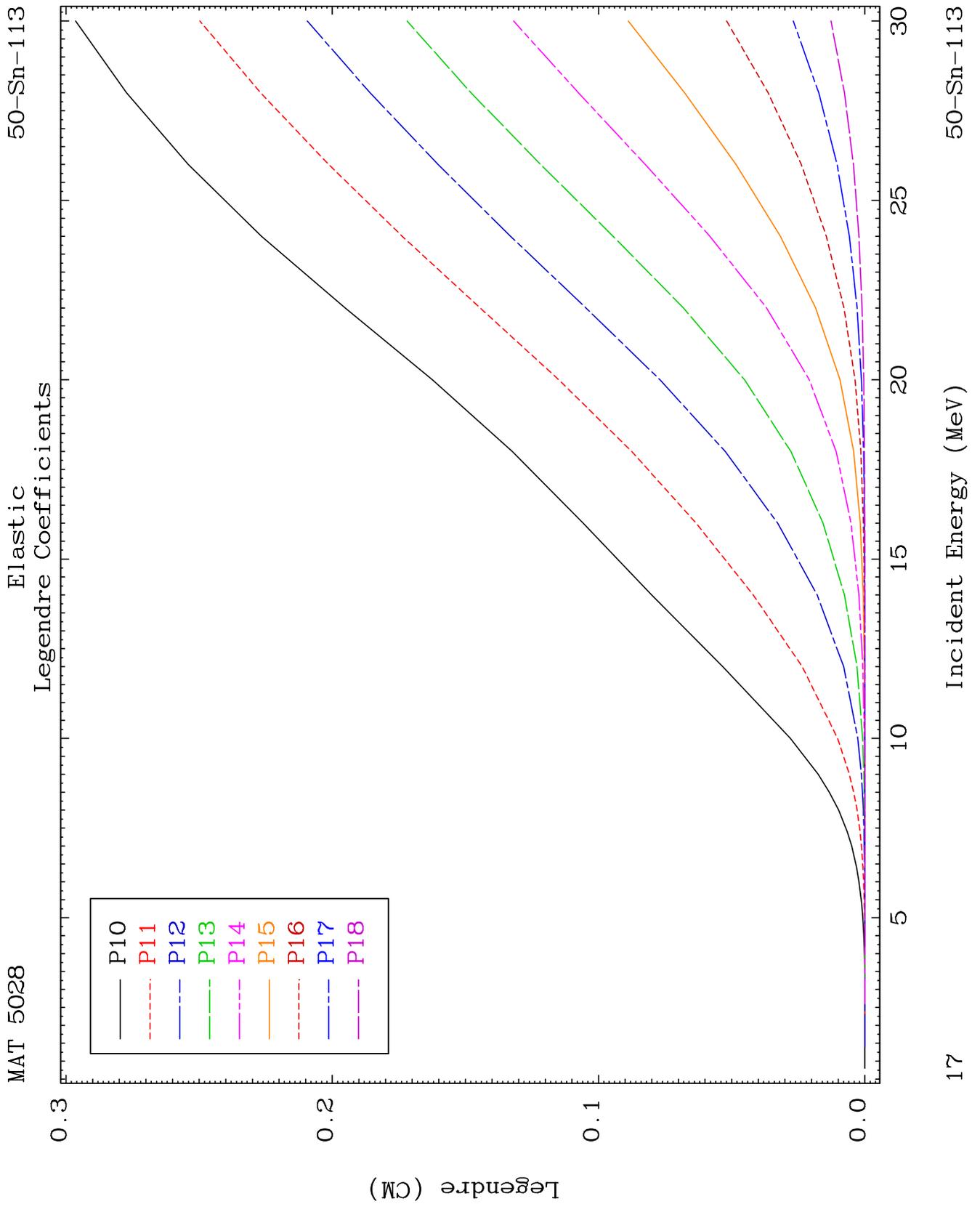
50-Sn-113



16

Incident Energy (MeV)

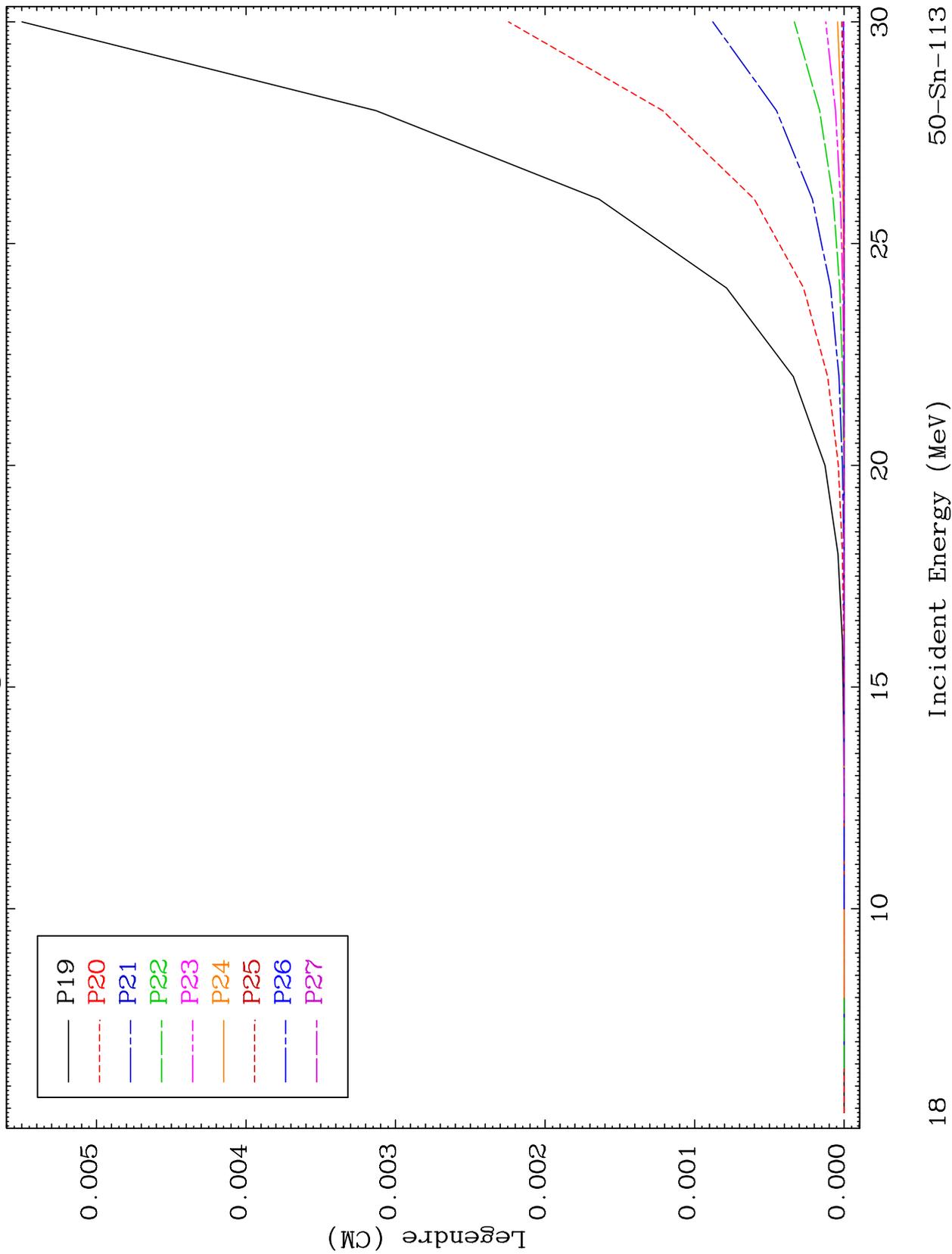
50-Sn-113



MAT 5028

Elastic Legendre Coefficients

50-Sn-113



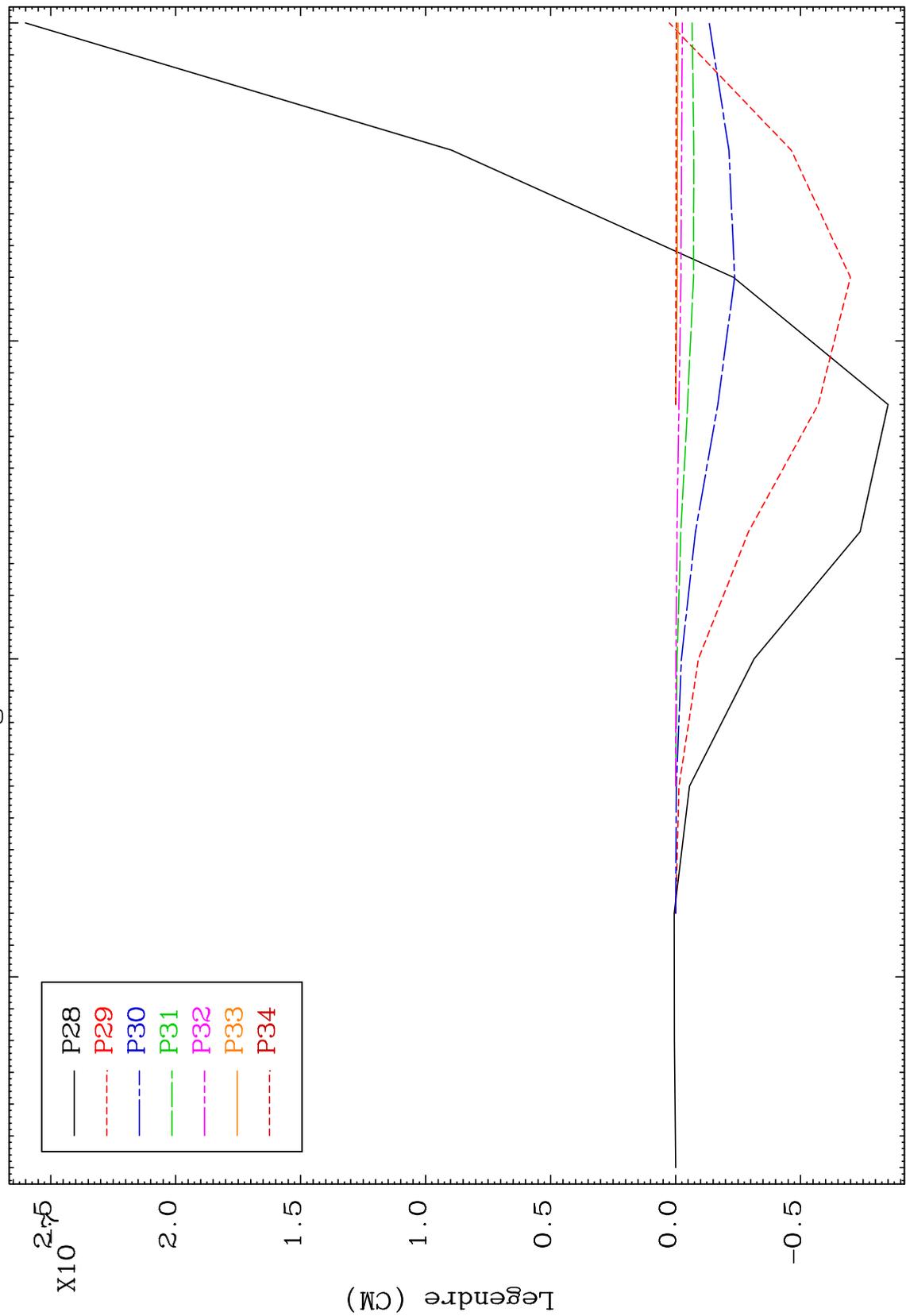
18

50-Sn-113

MAT 5028

Elastic Legendre Coefficients

50-Sn-113



19

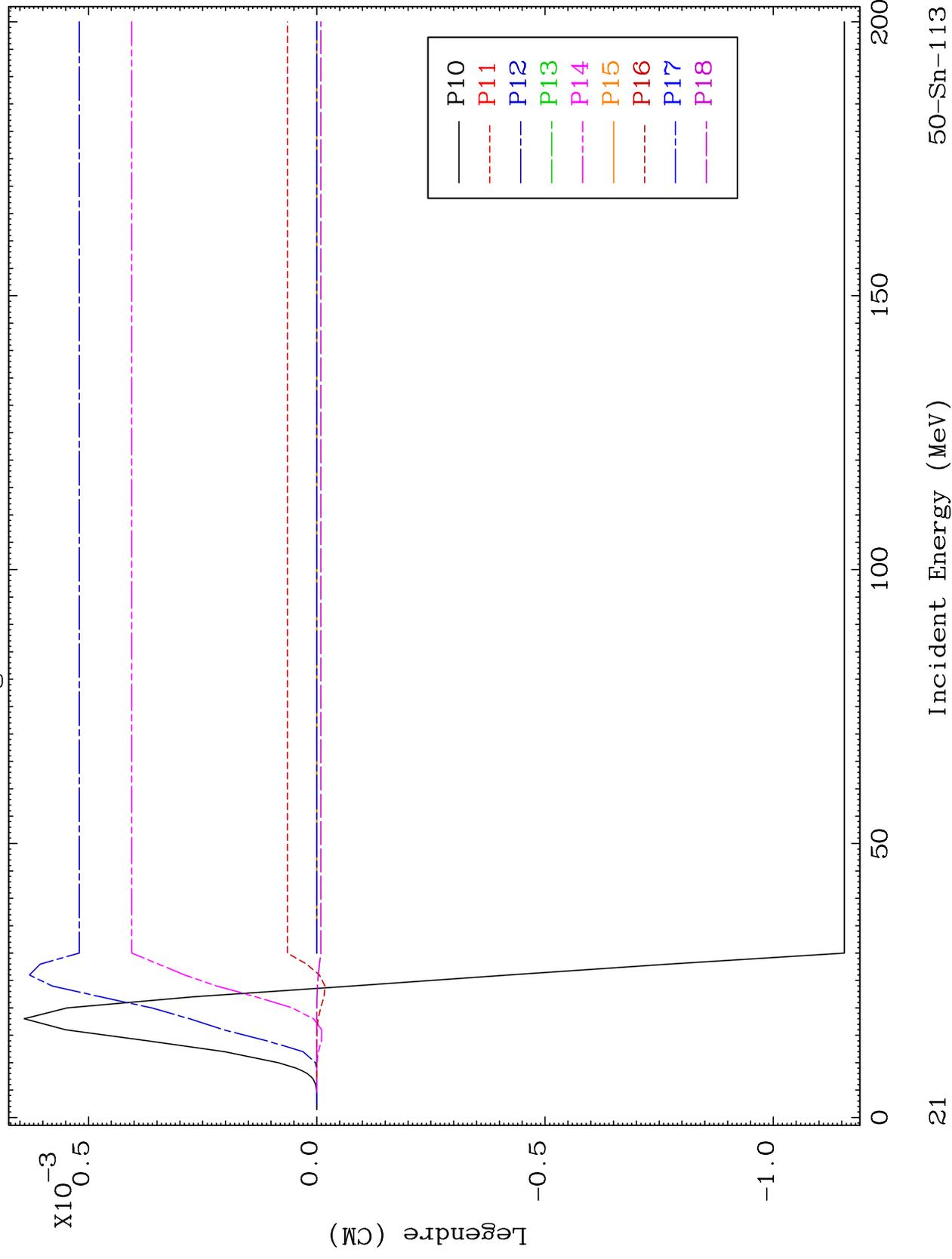
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

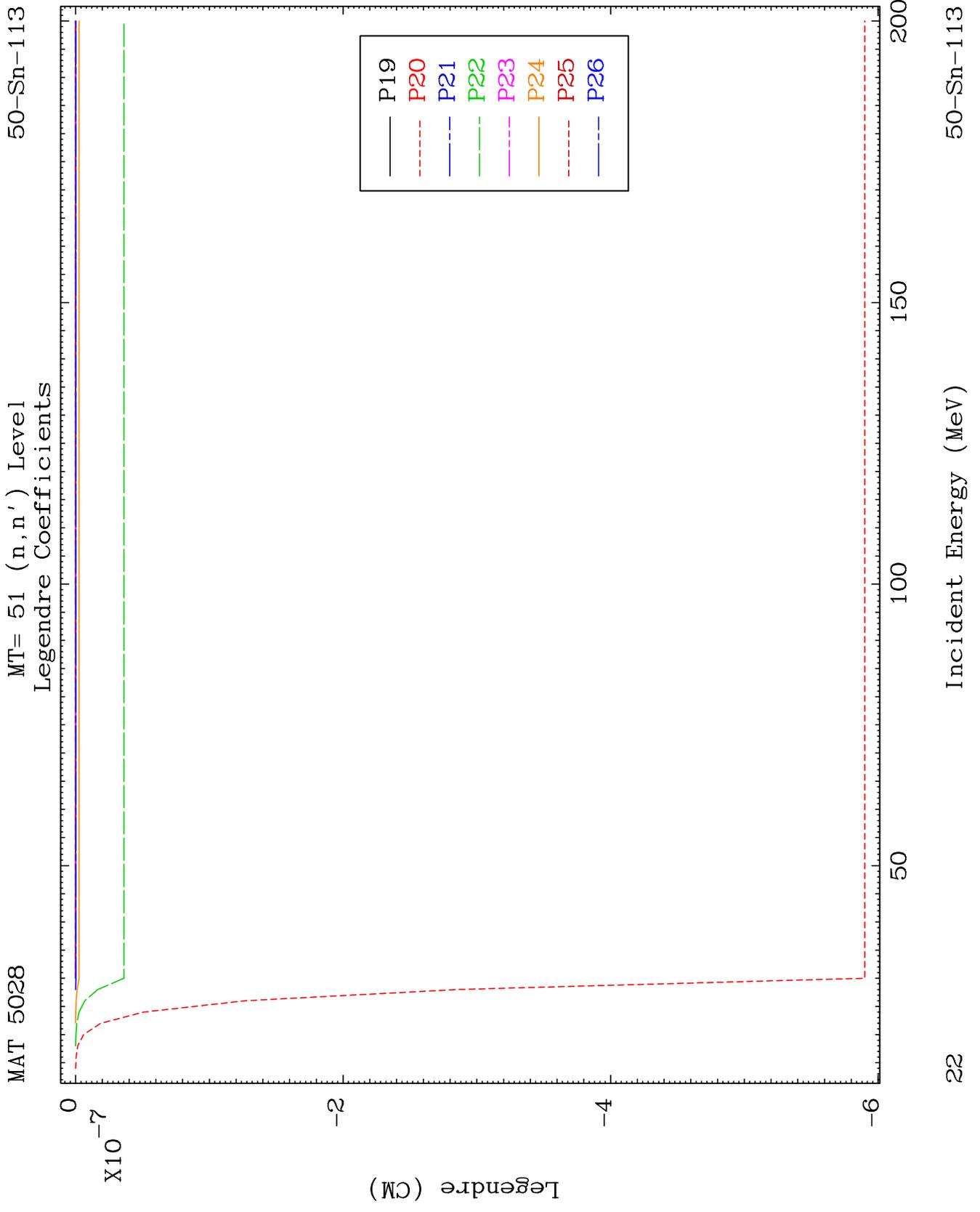
50-Sn-113

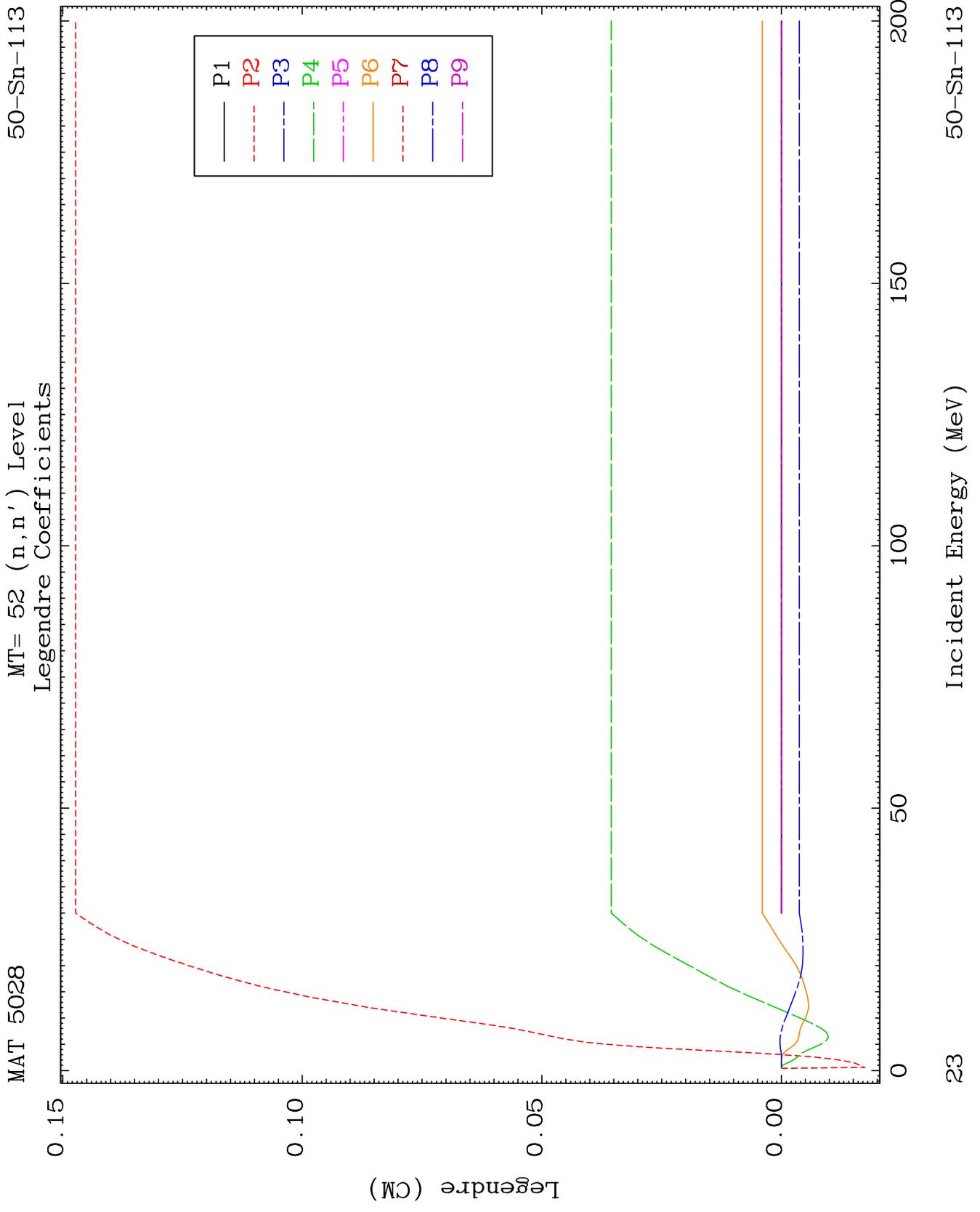


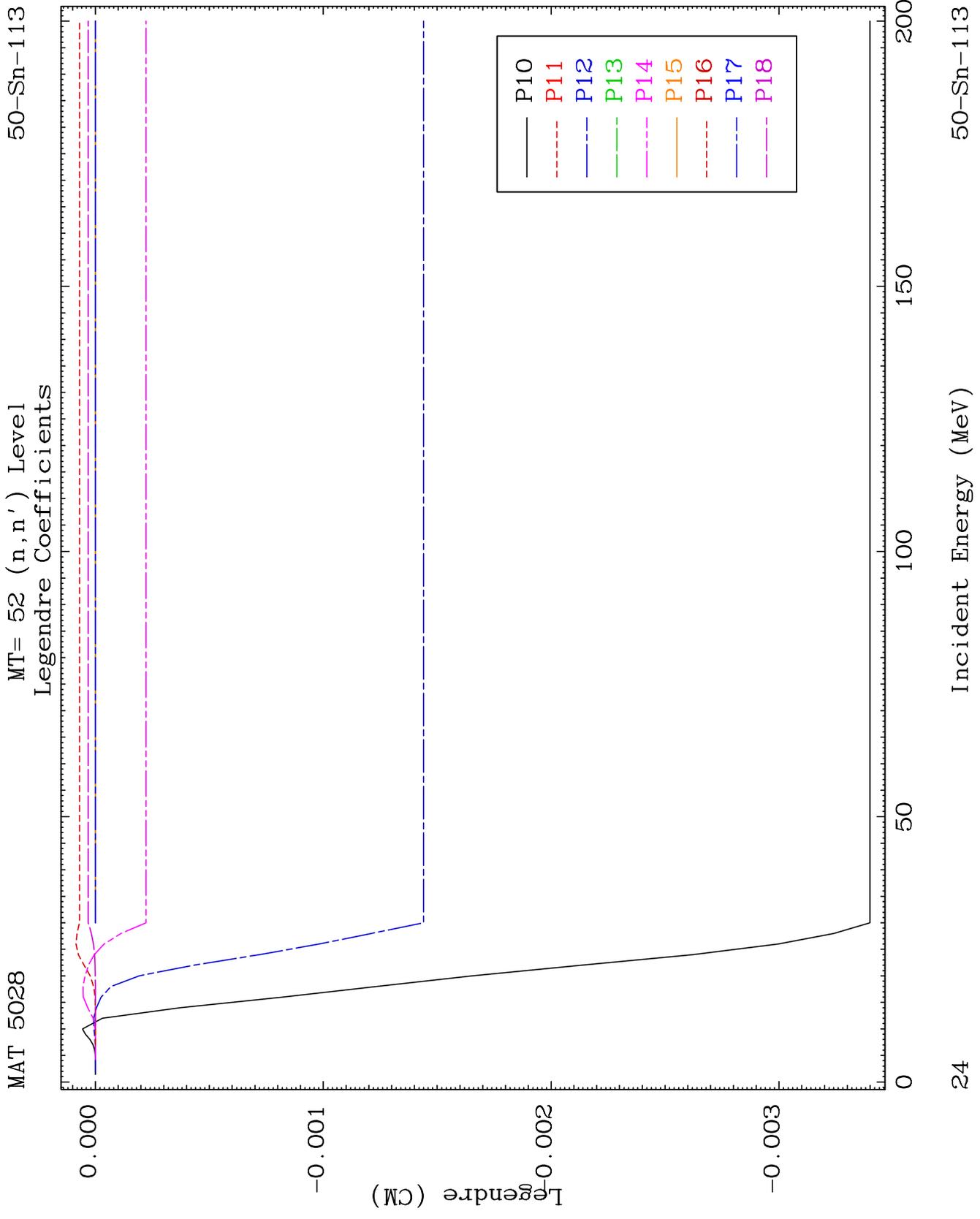
21

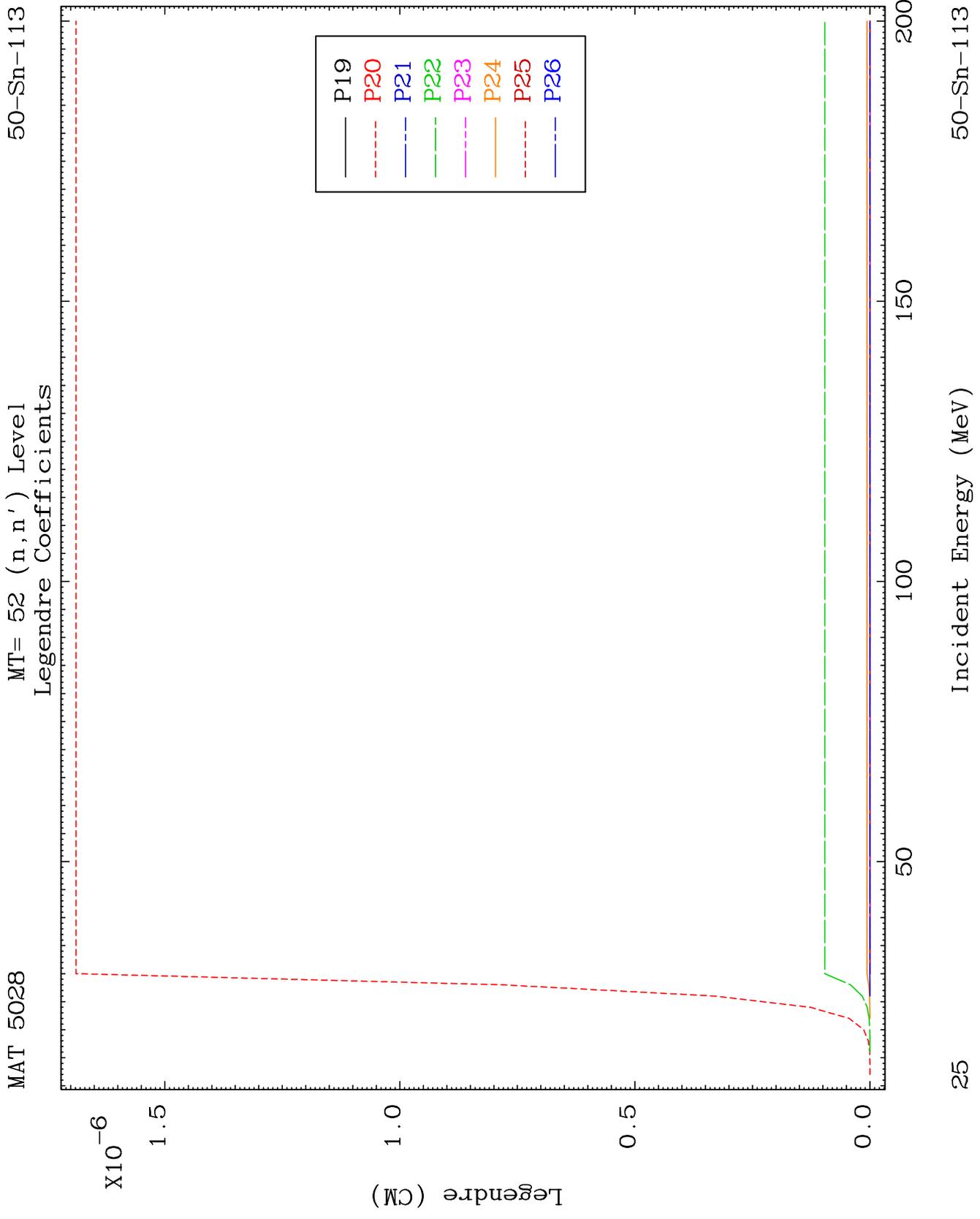
Incident Energy (MeV)

50-Sn-113





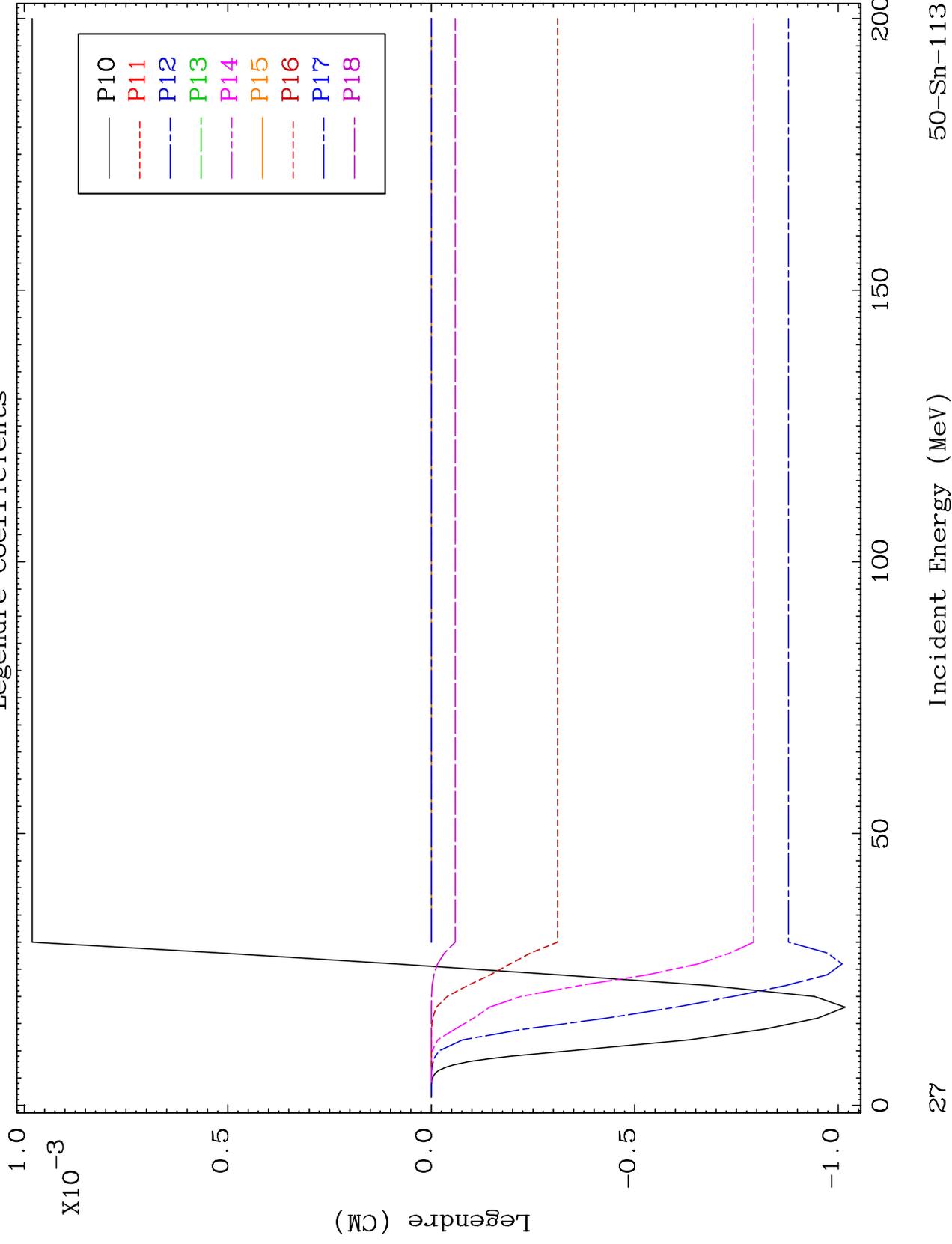




MAT 5028

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

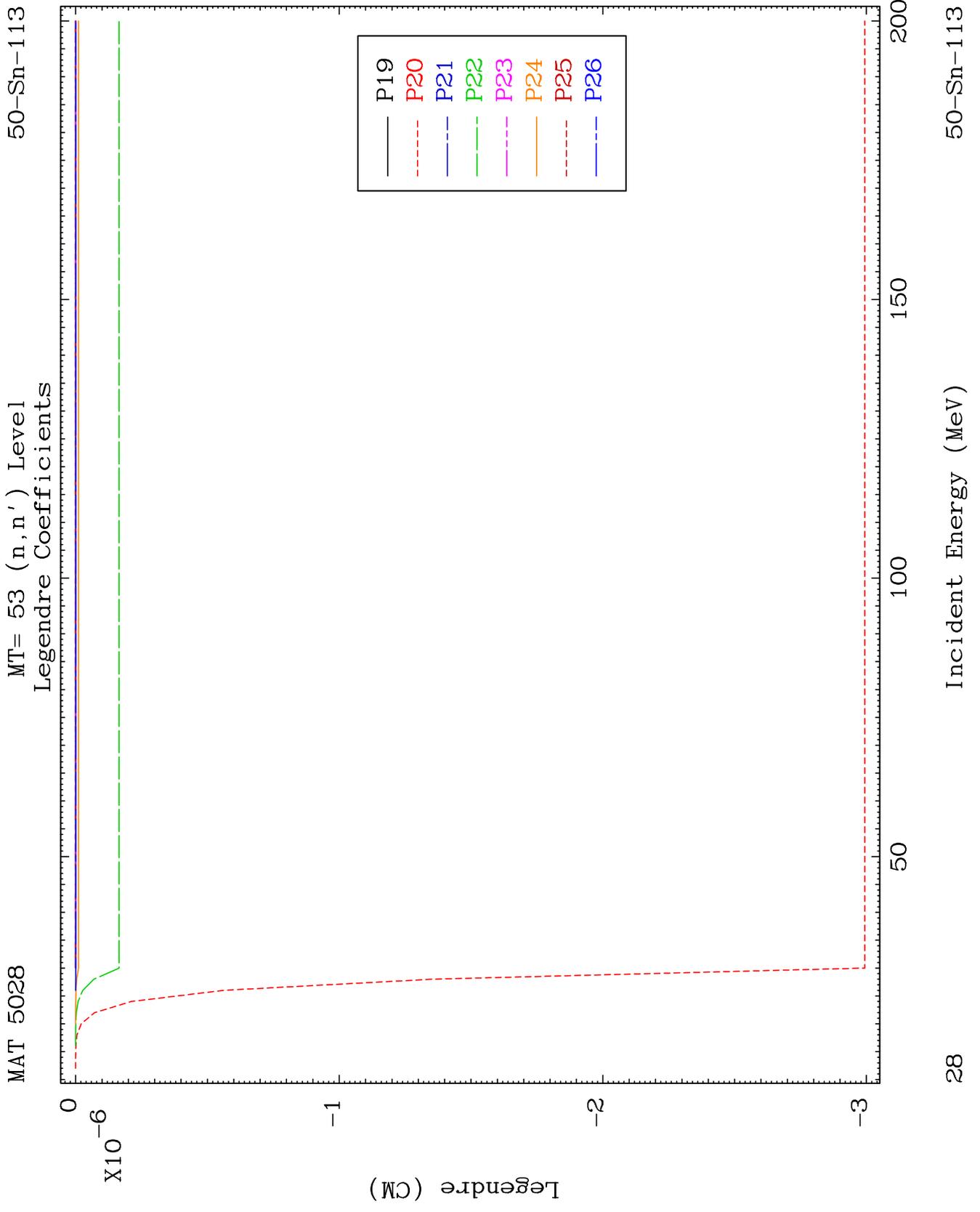
50-Sn-113



50-Sn-113

Incident Energy (MeV)

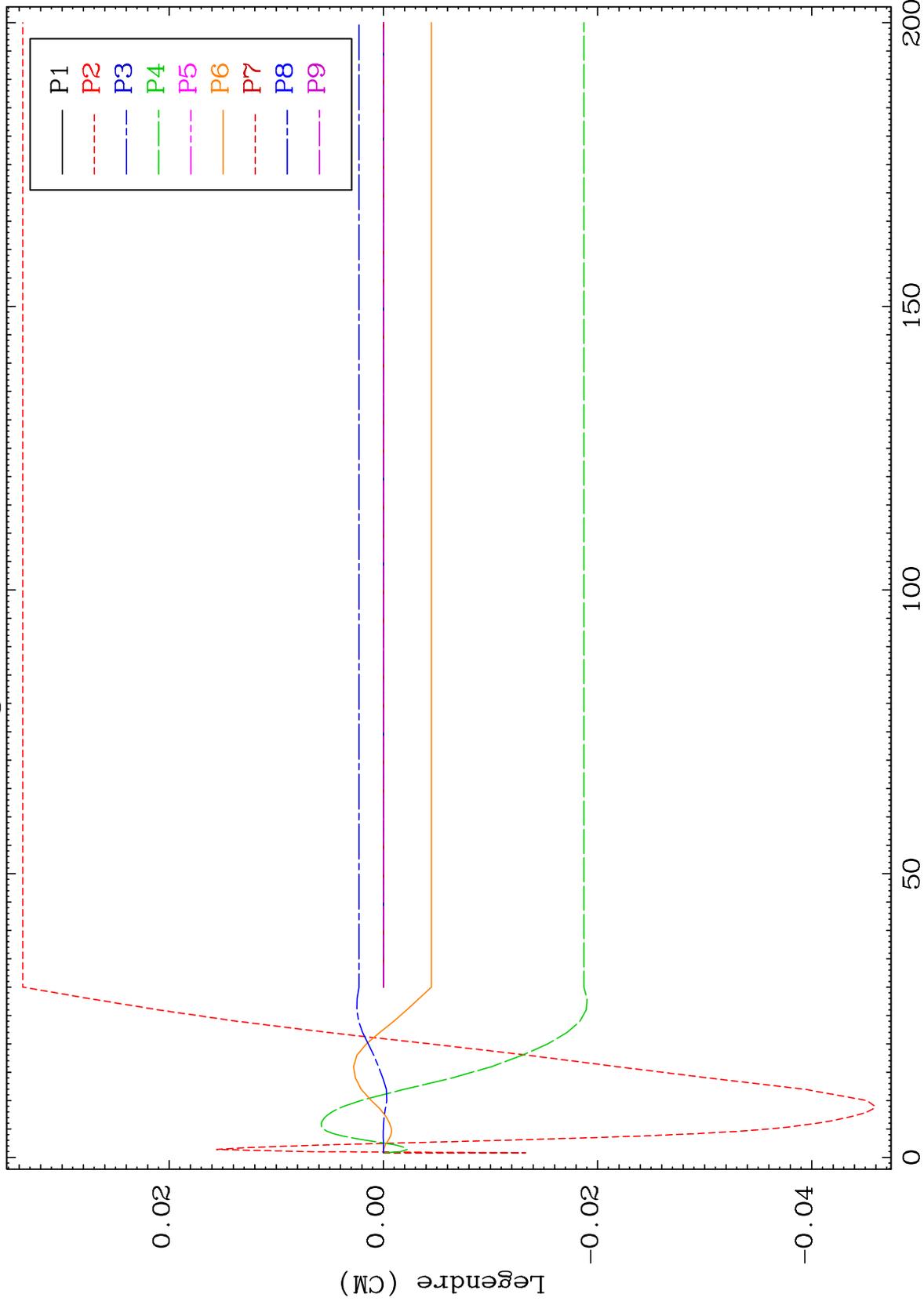
27



MAT 5028

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

50-Sn-113



29

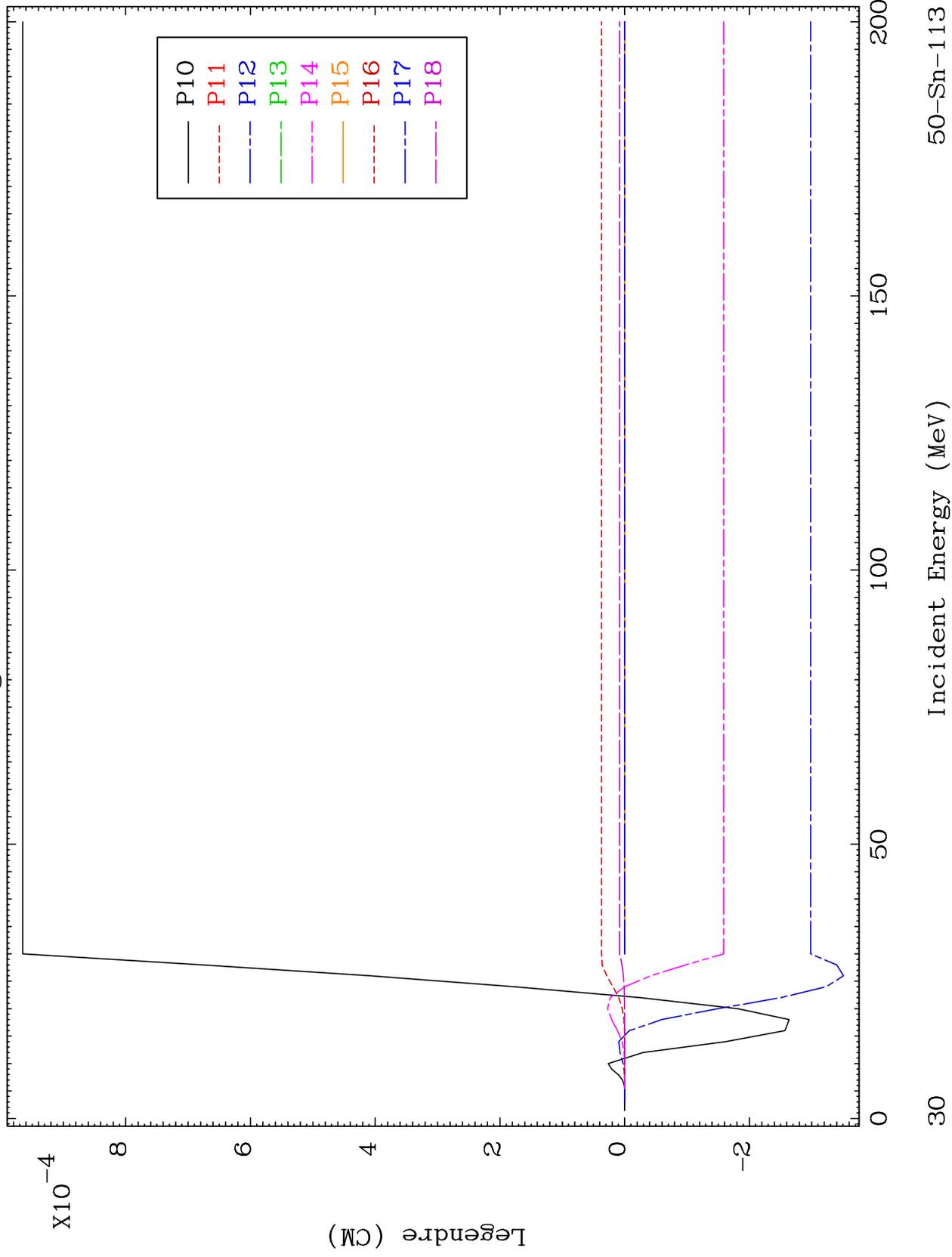
Incident Energy (MeV)

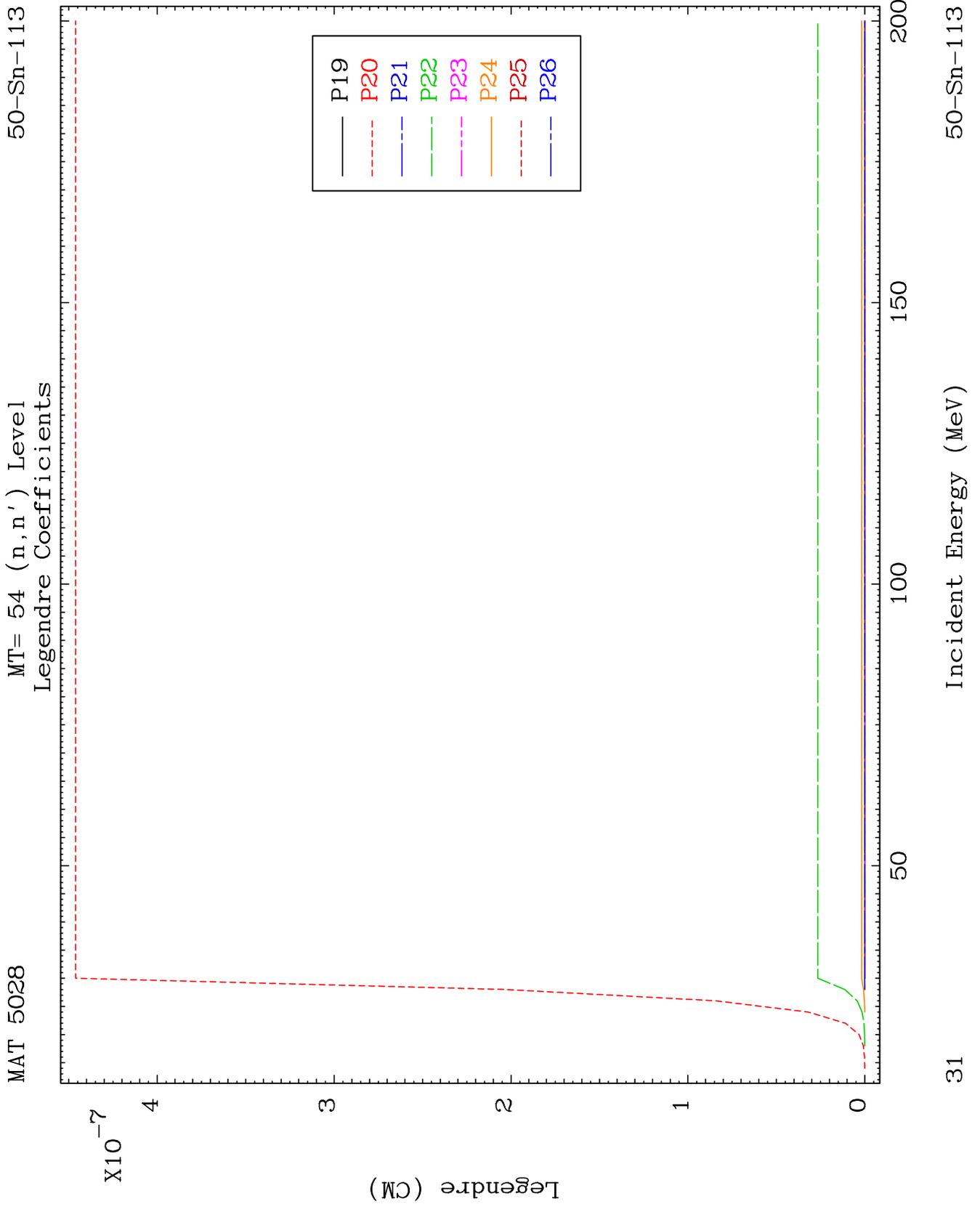
50-Sn-113

MAT 5028

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

50-Sn-113

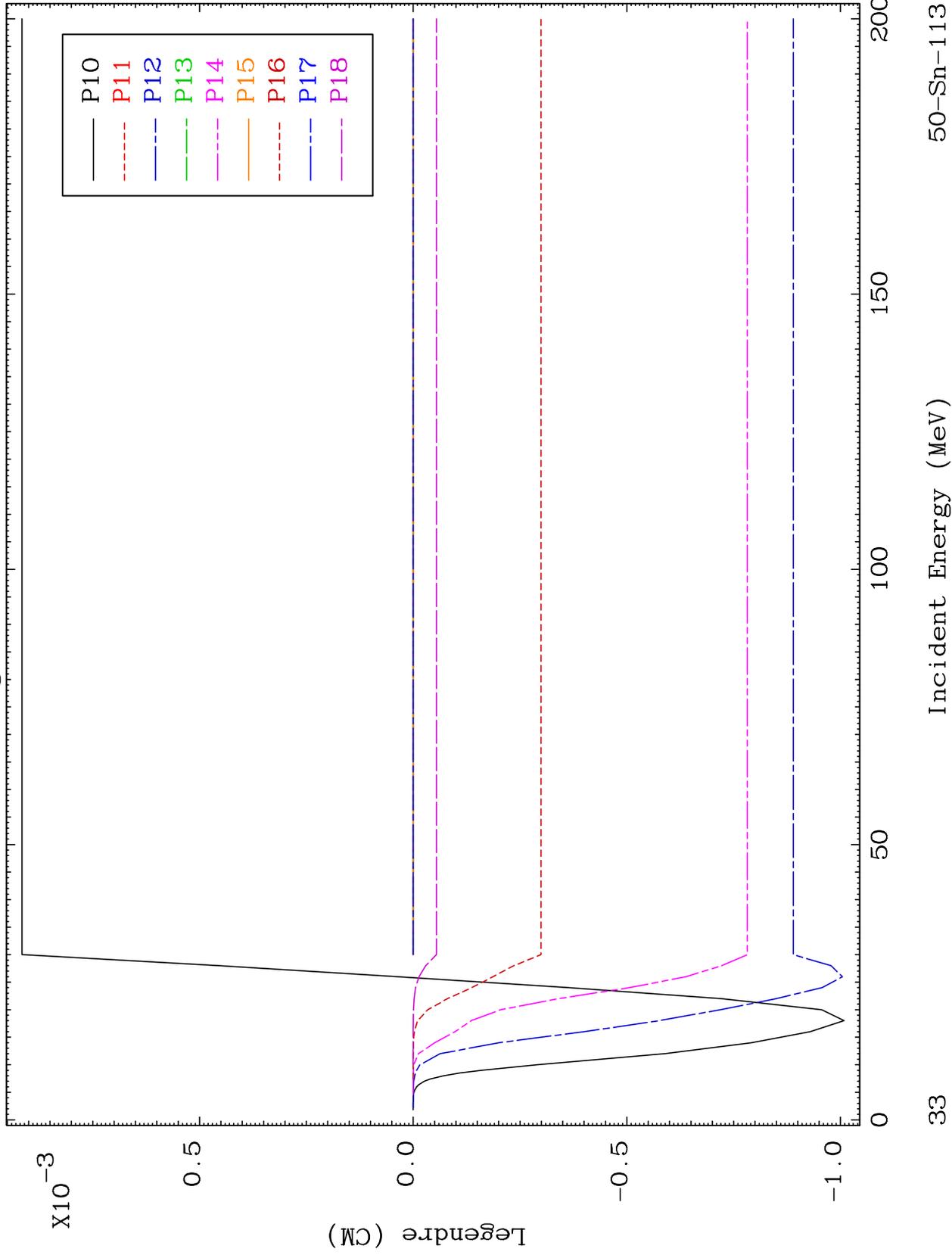




MAT 5028

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

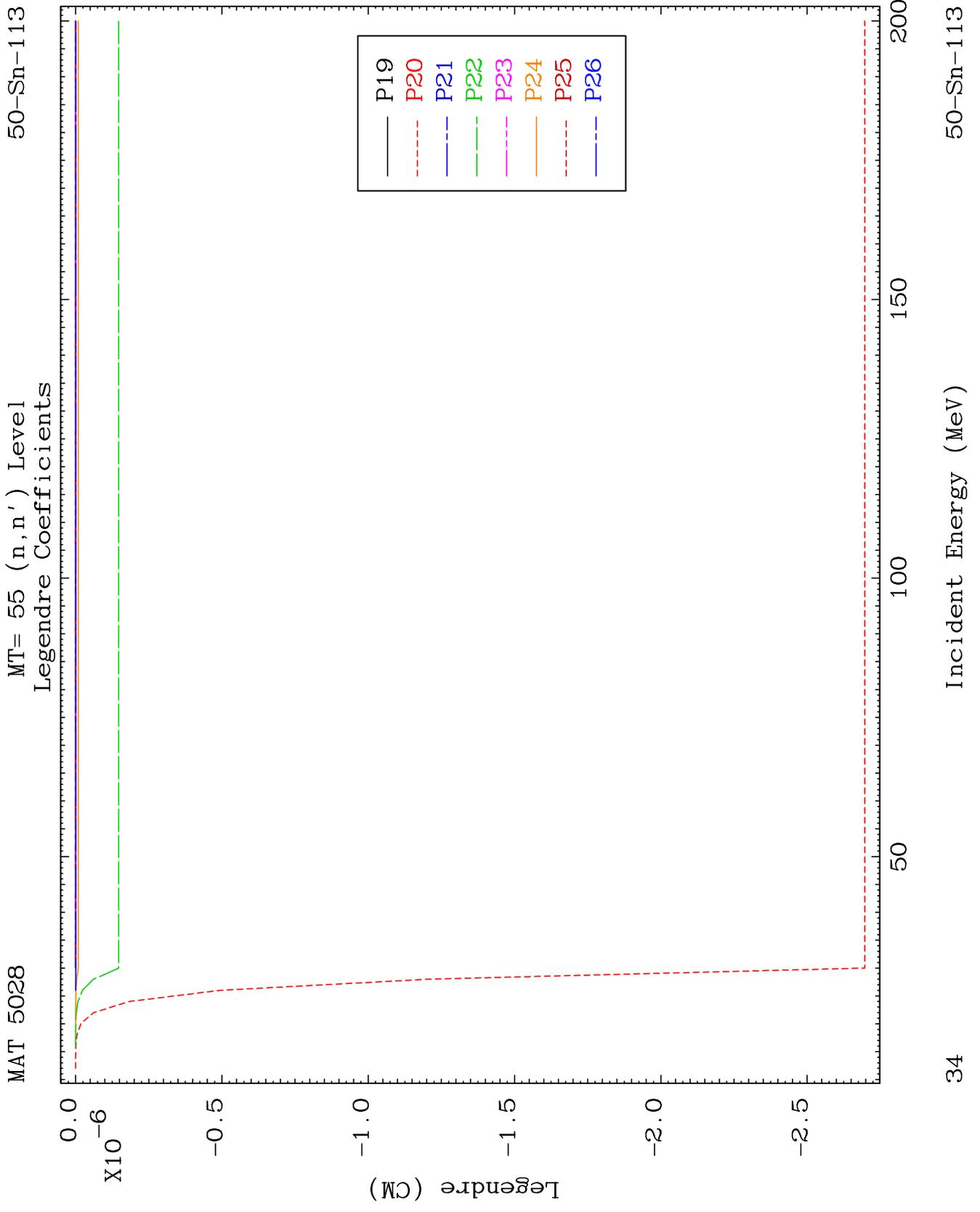
50-Sn-113

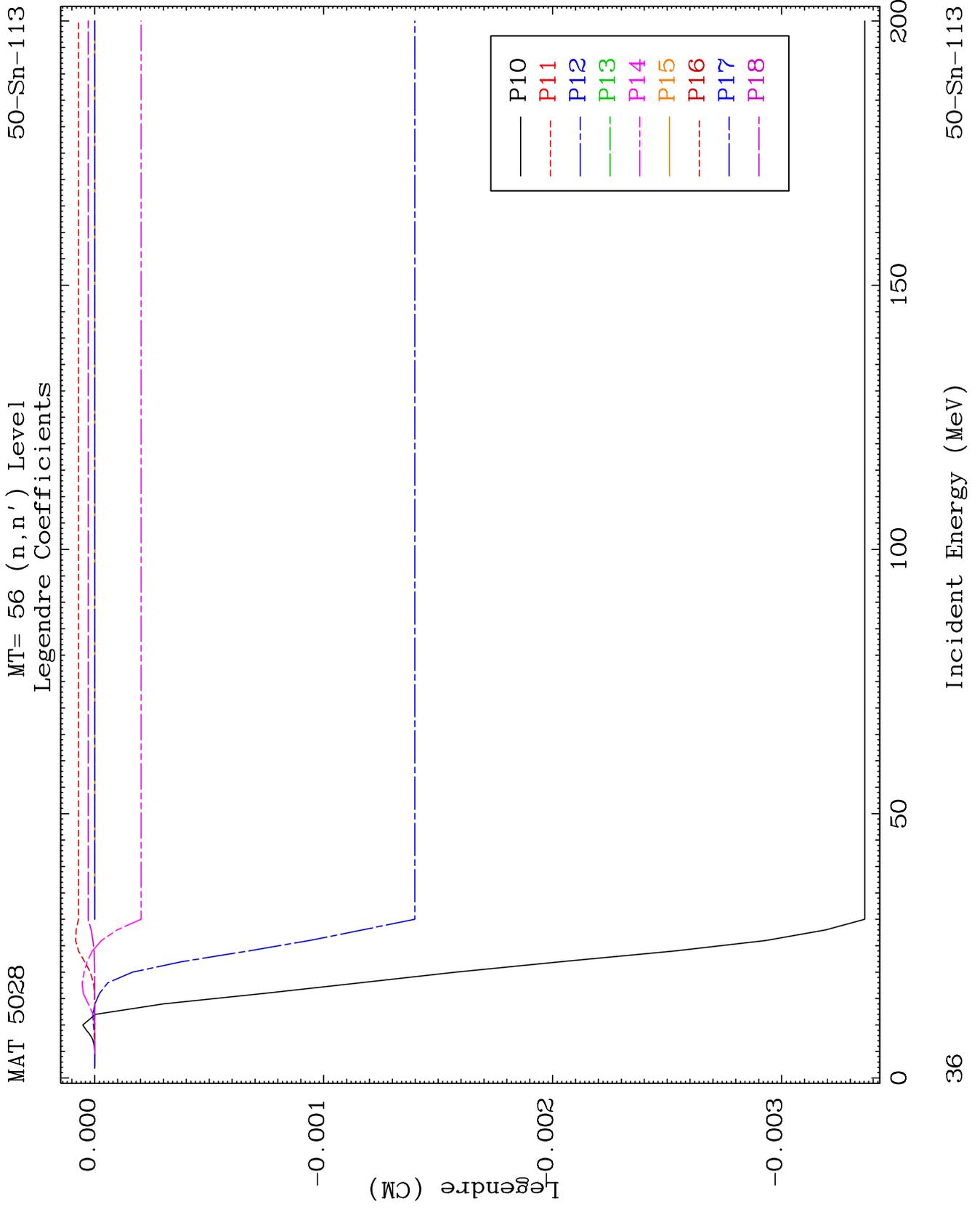


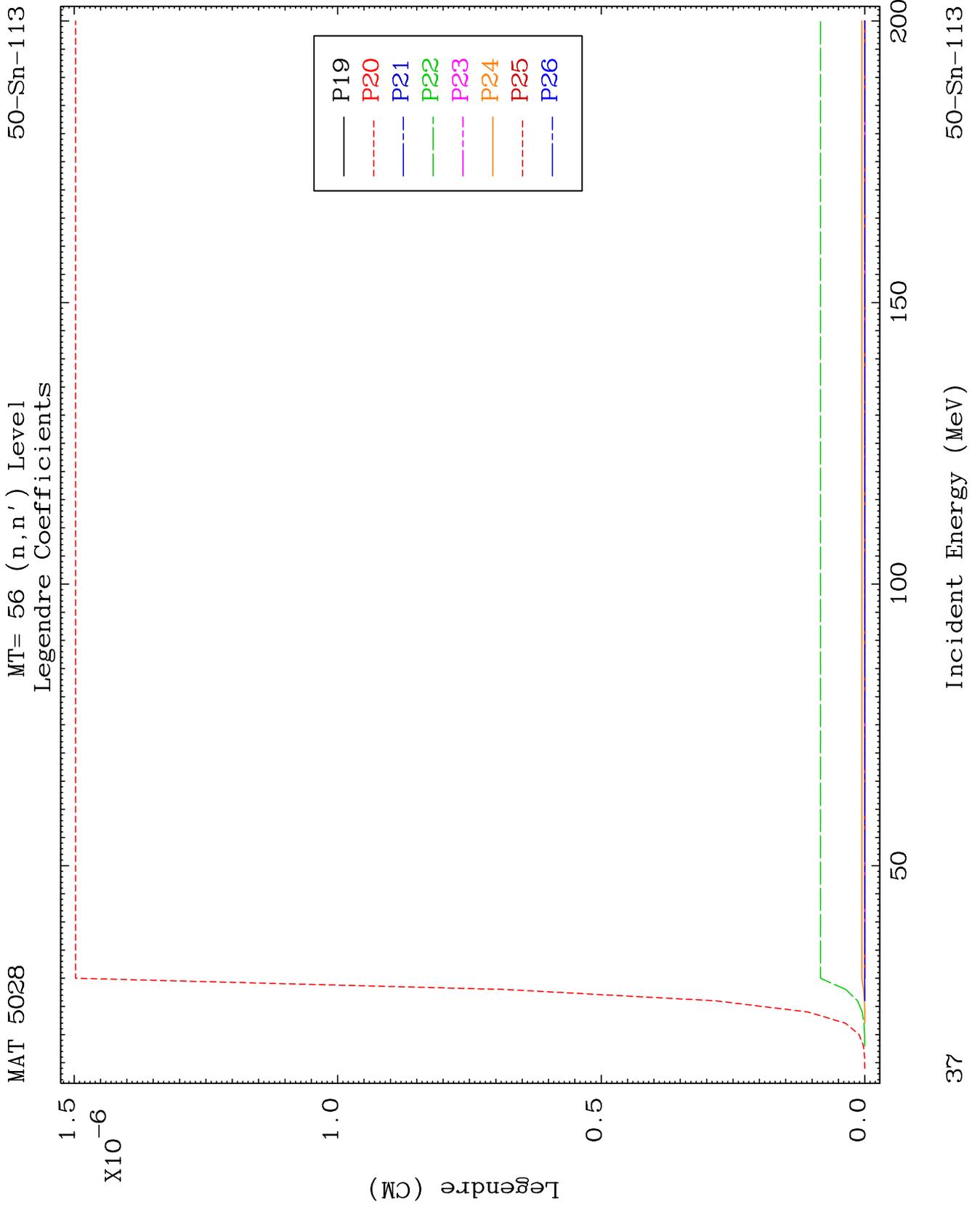
50-Sn-113

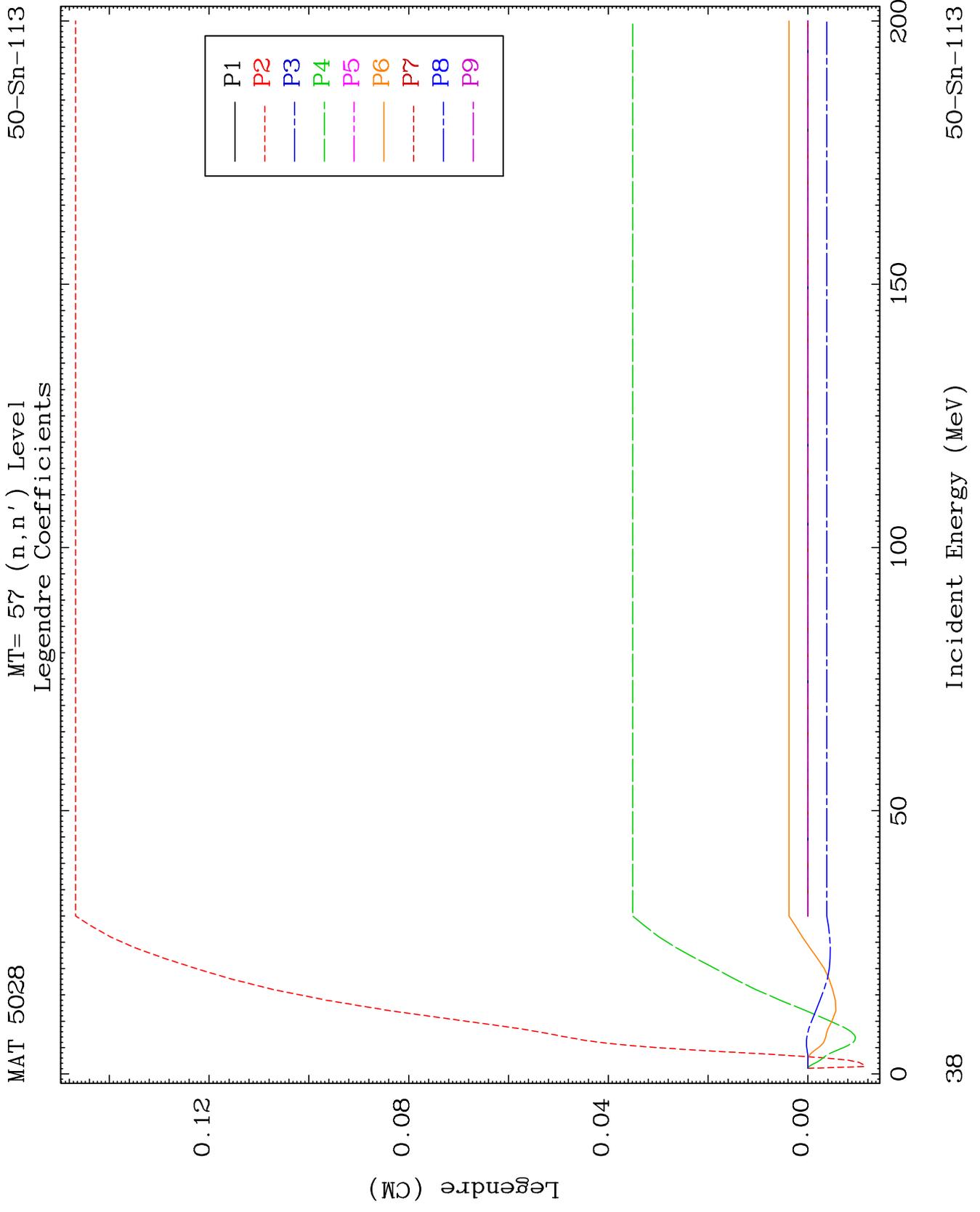
Incident Energy (MeV)

33





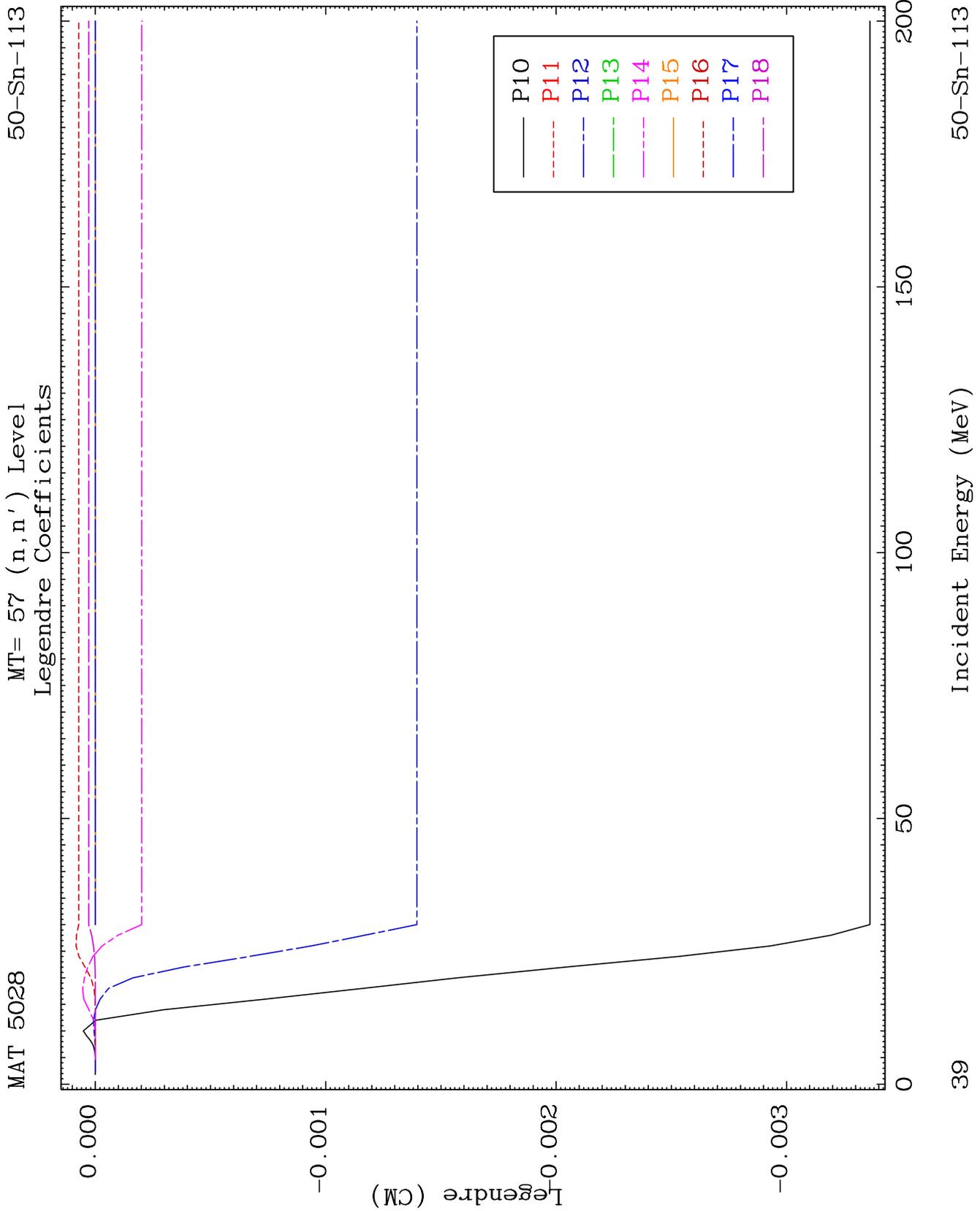


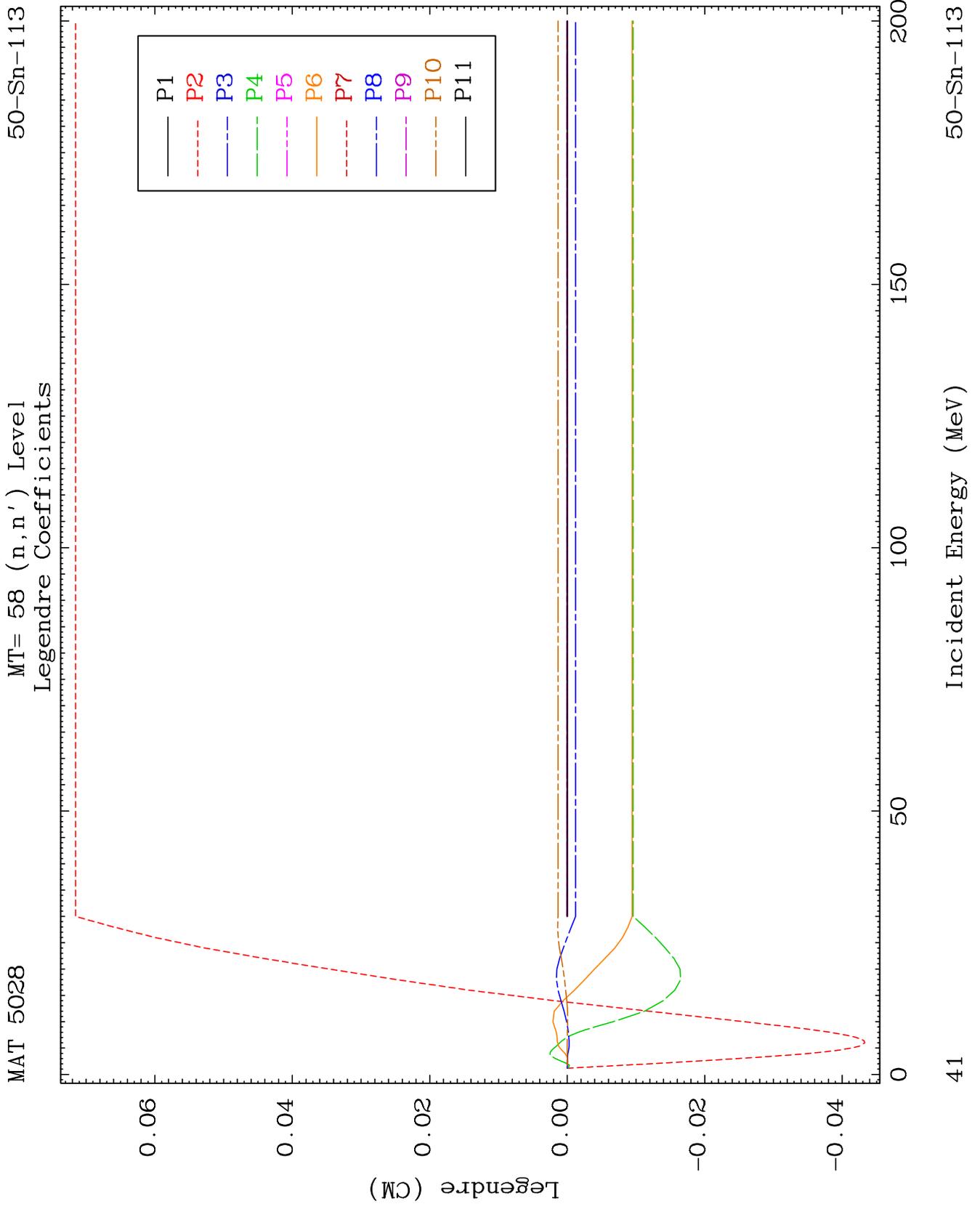


50-Sn-113

Incident Energy (MeV)

38

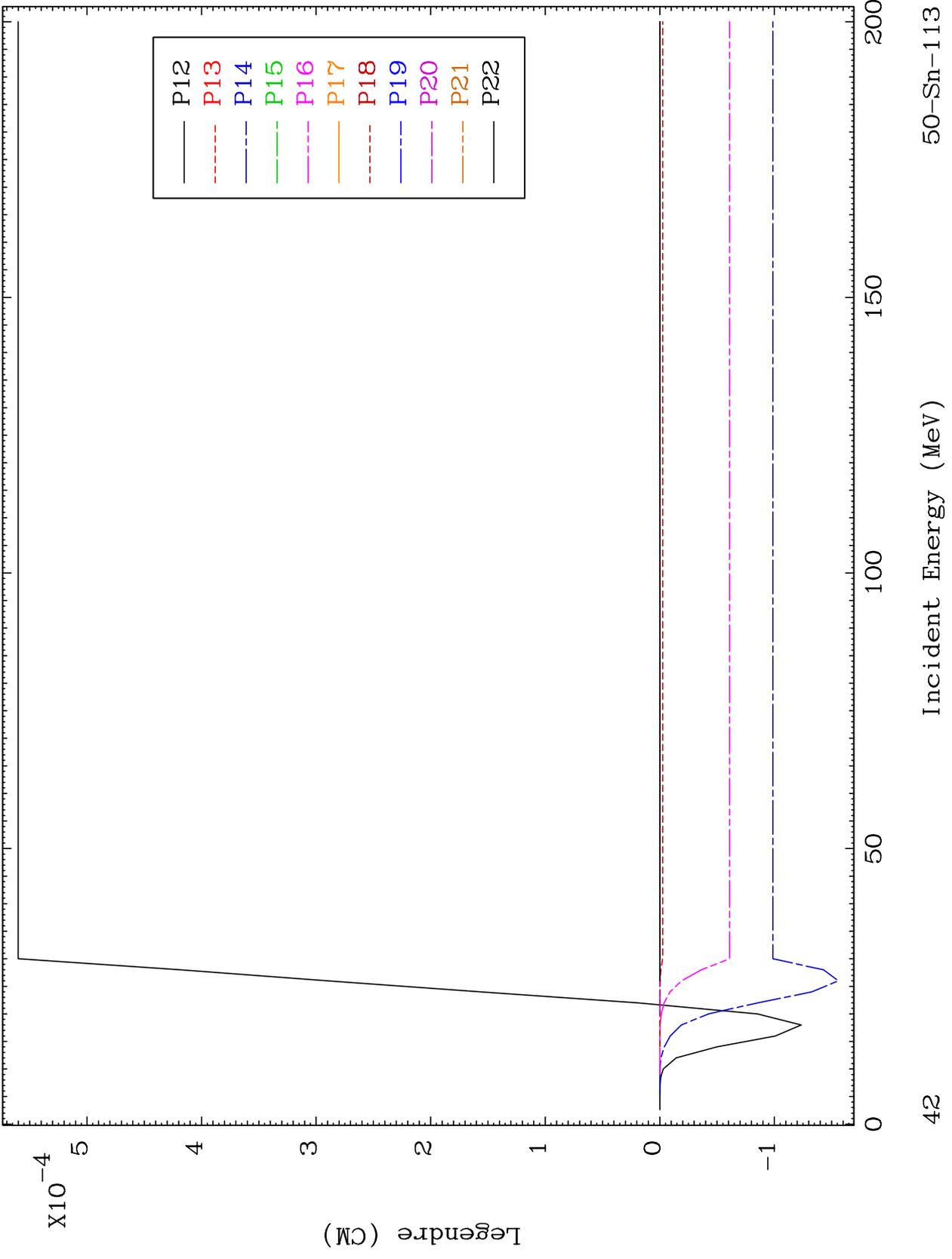




MAT 5028

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

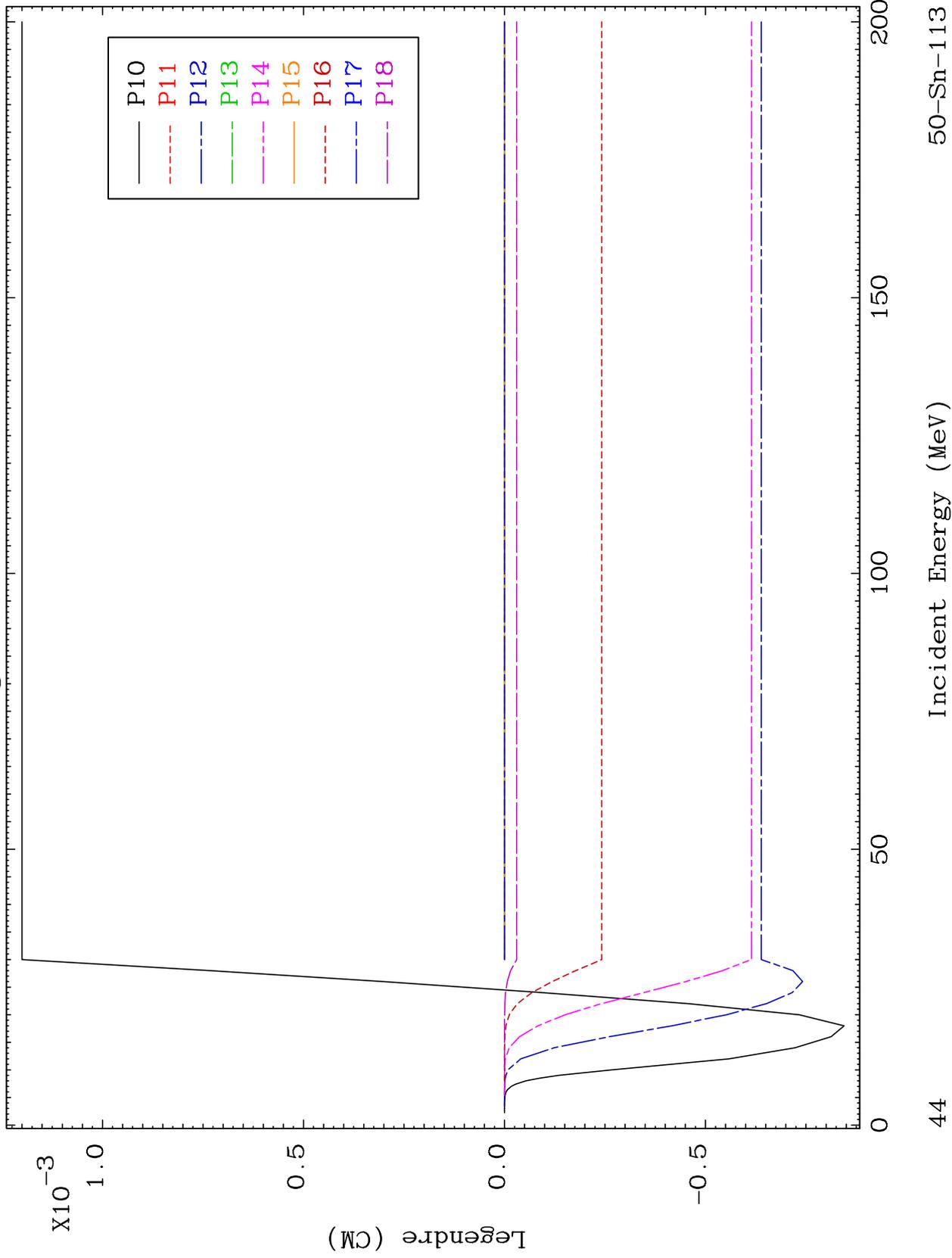
50-Sn-113



MAT 5028

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

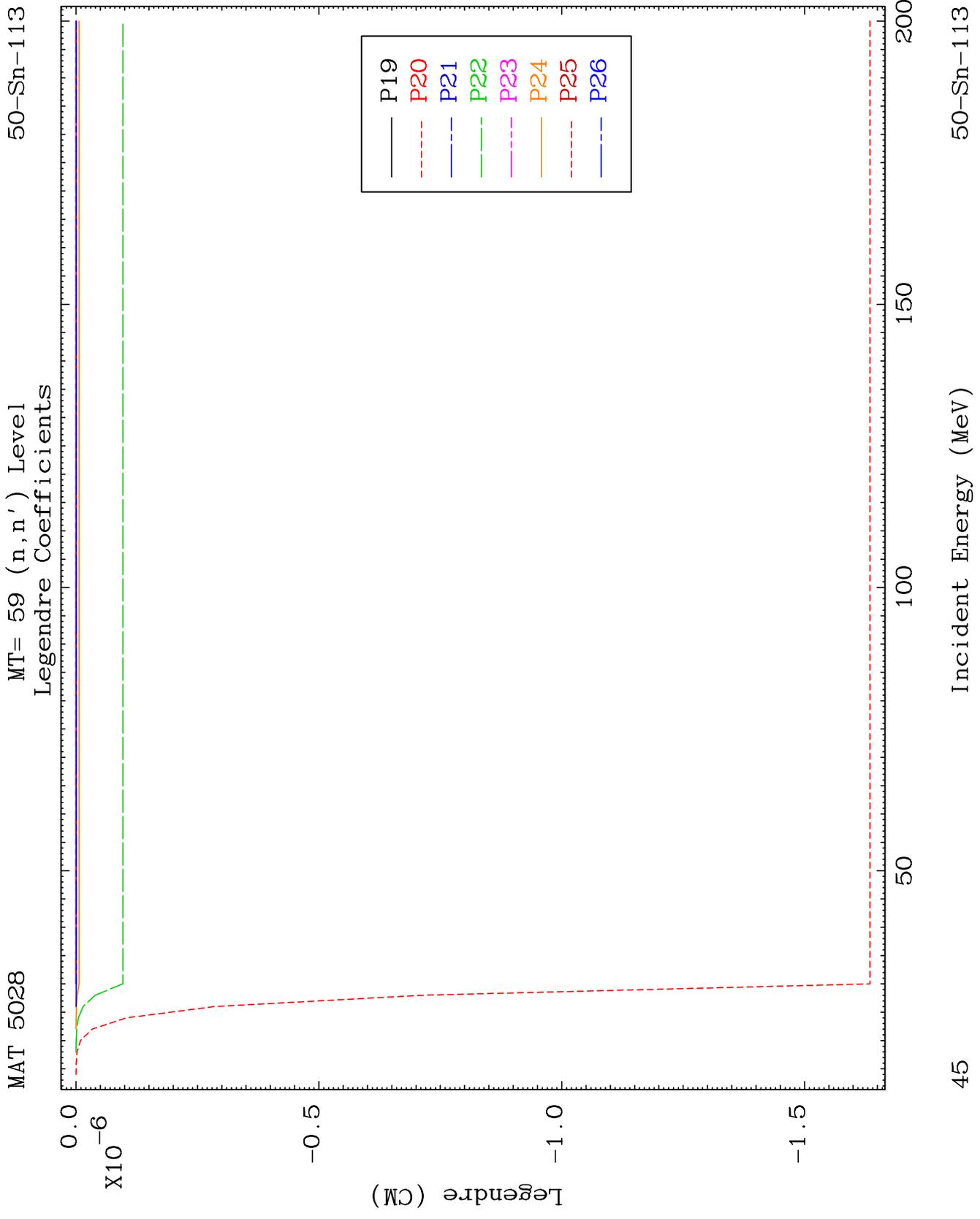
50-Sn-113

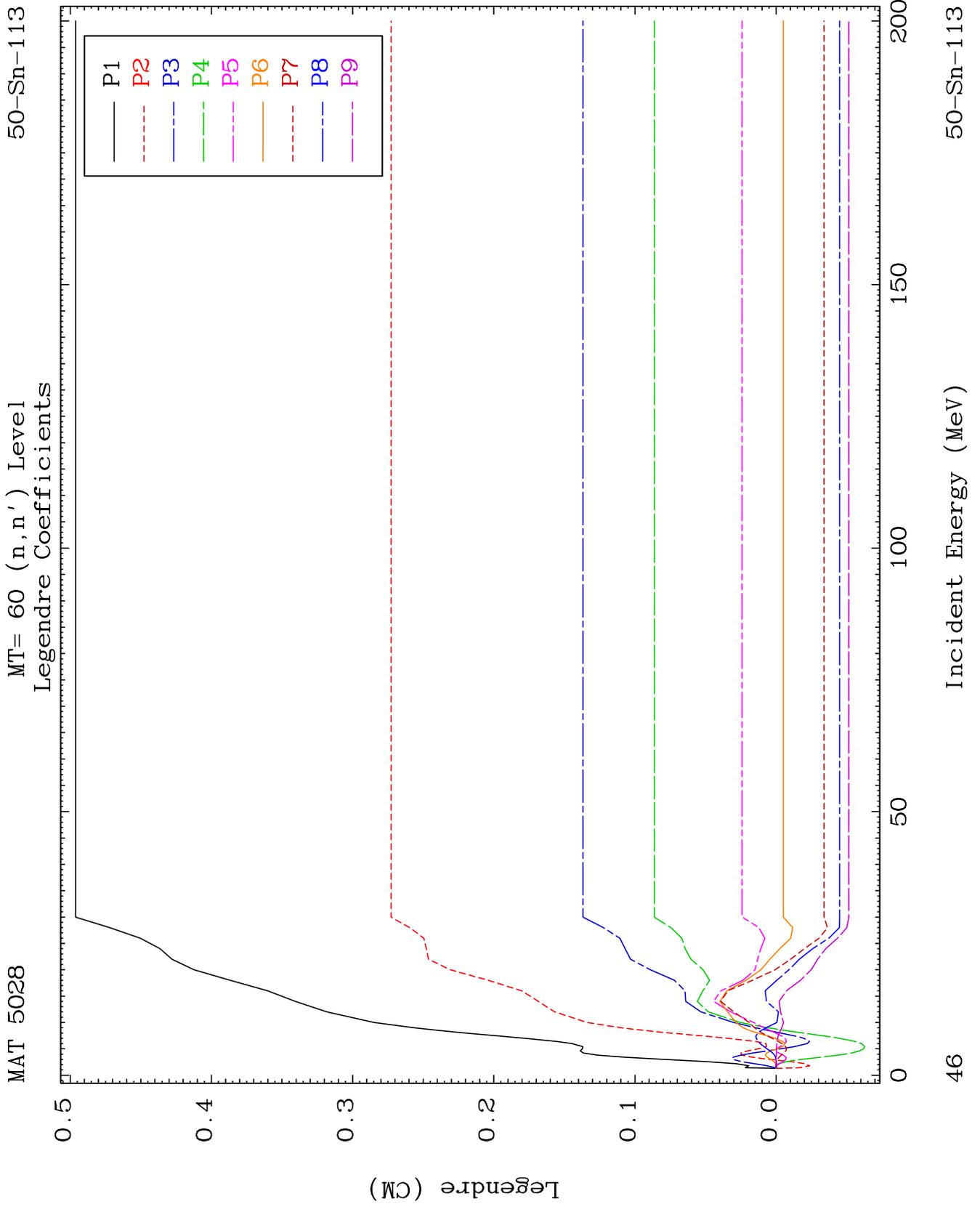


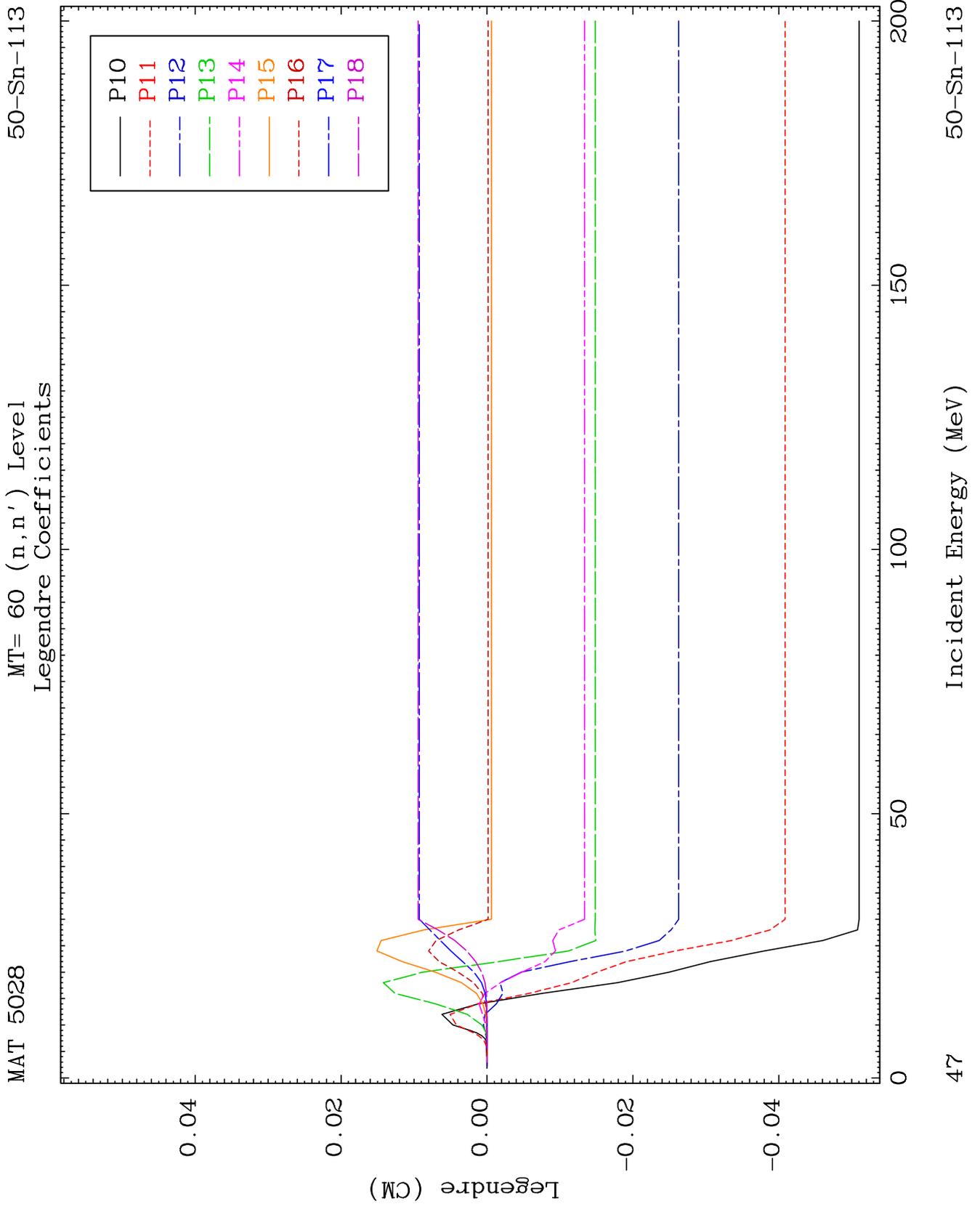
44

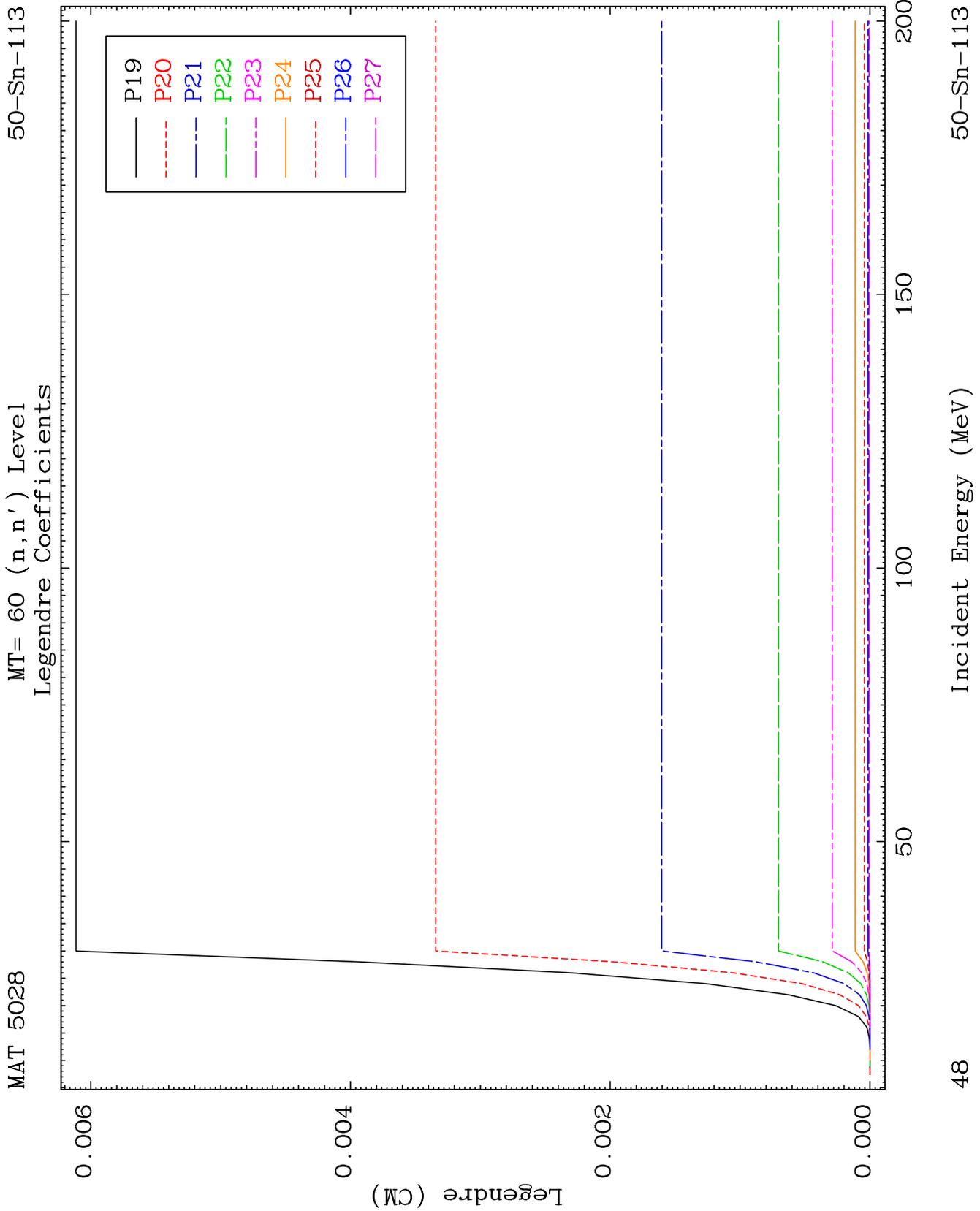
Incident Energy (MeV)

50-Sn-113





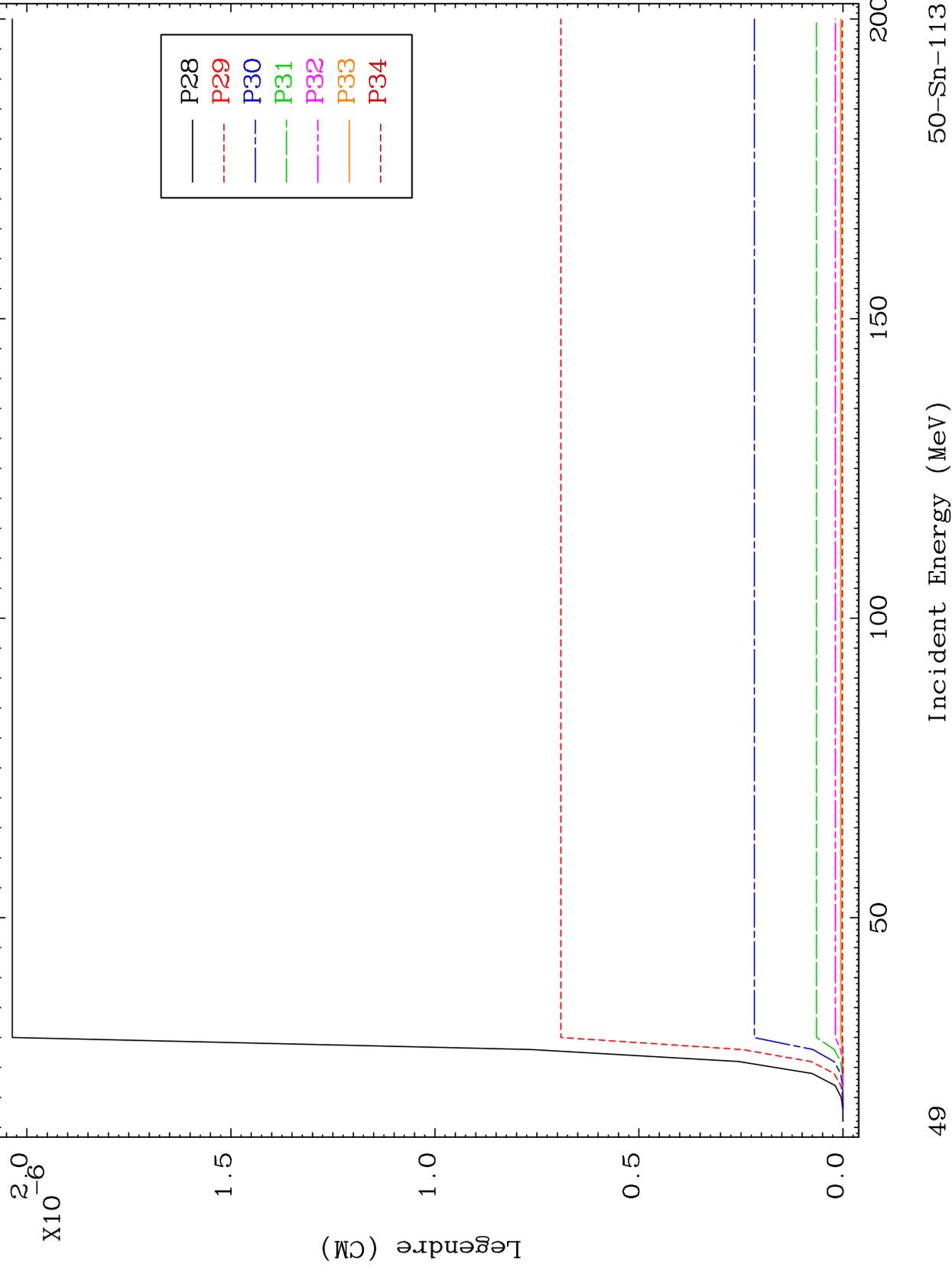


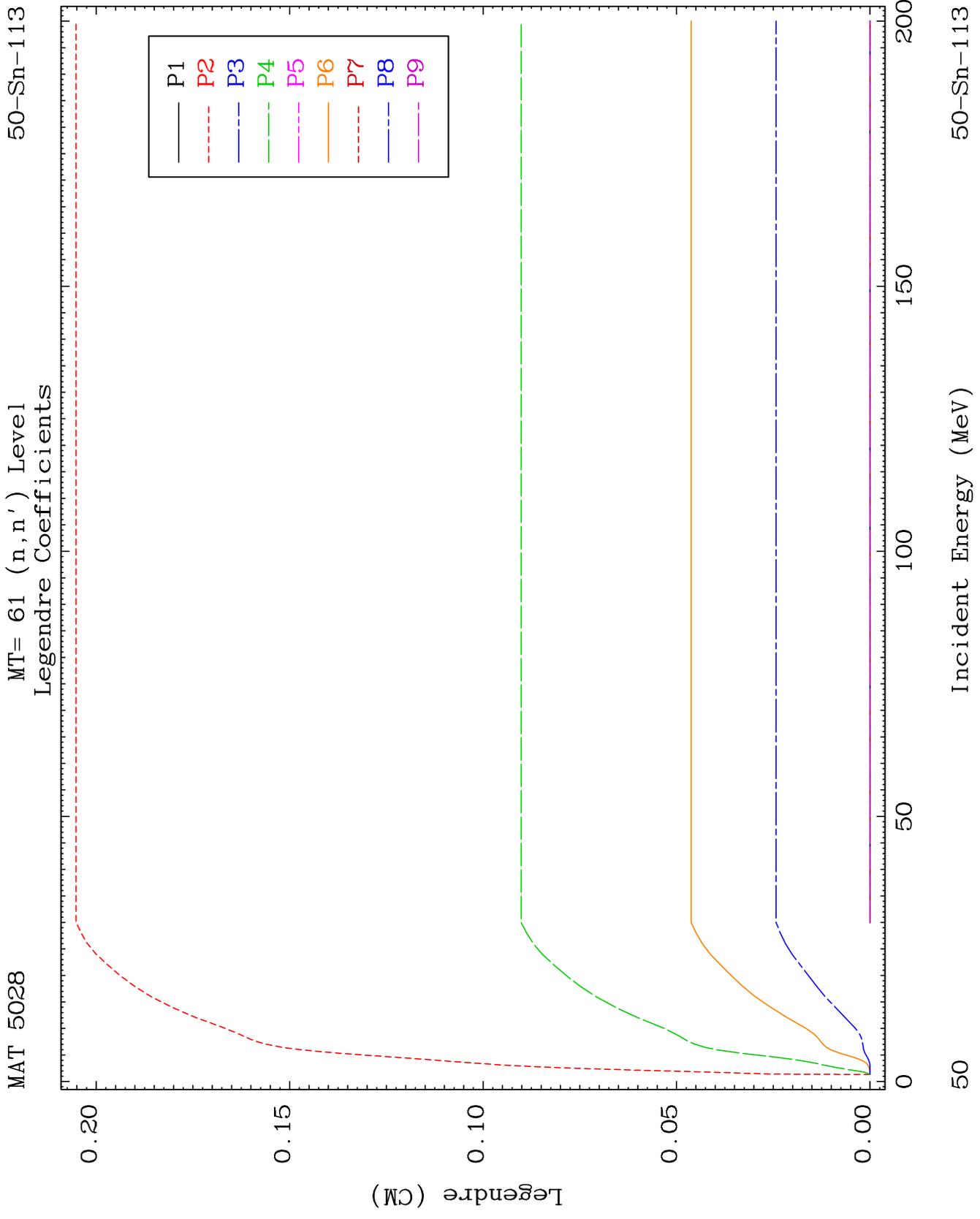


MAT 5028

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

50-Sn-113

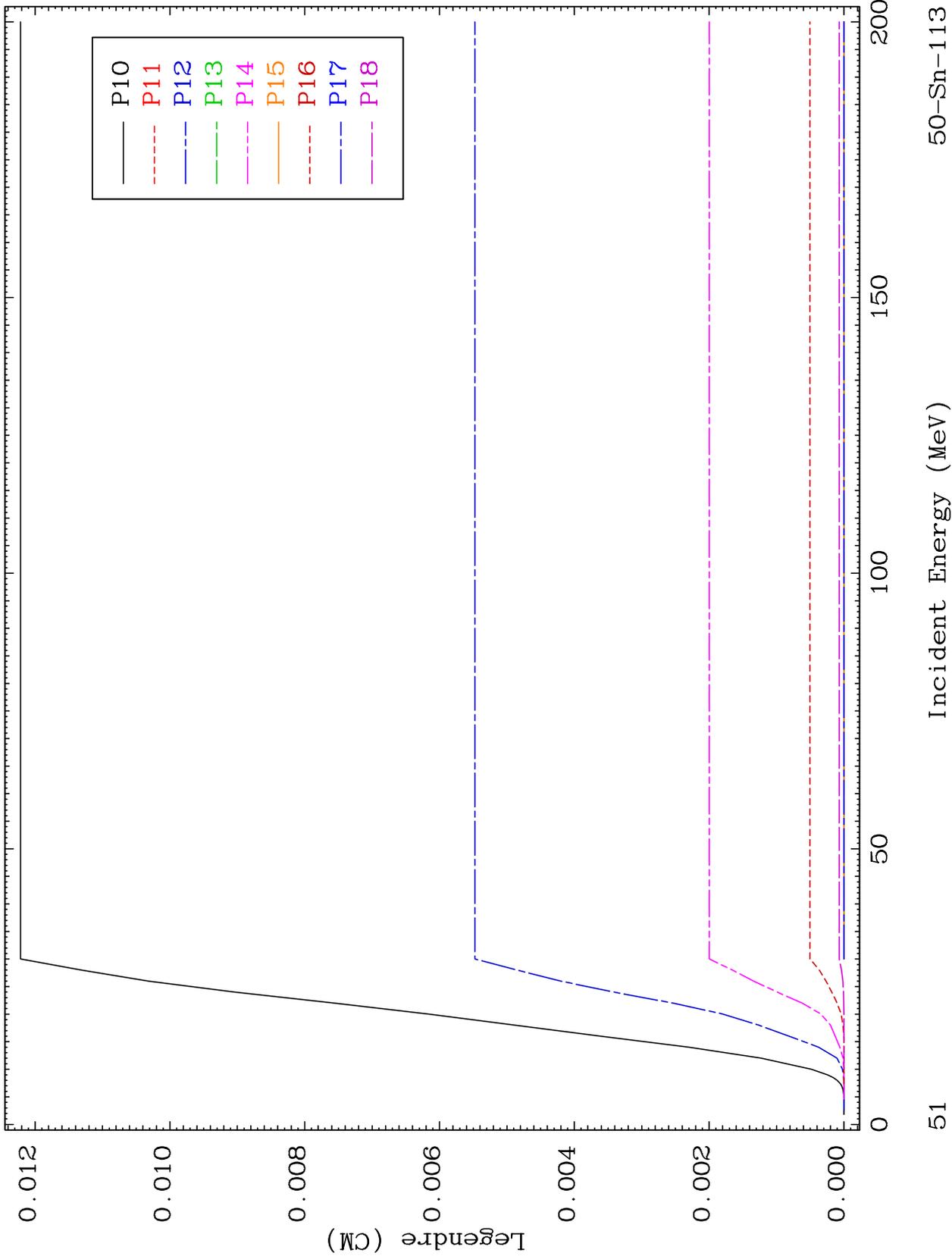




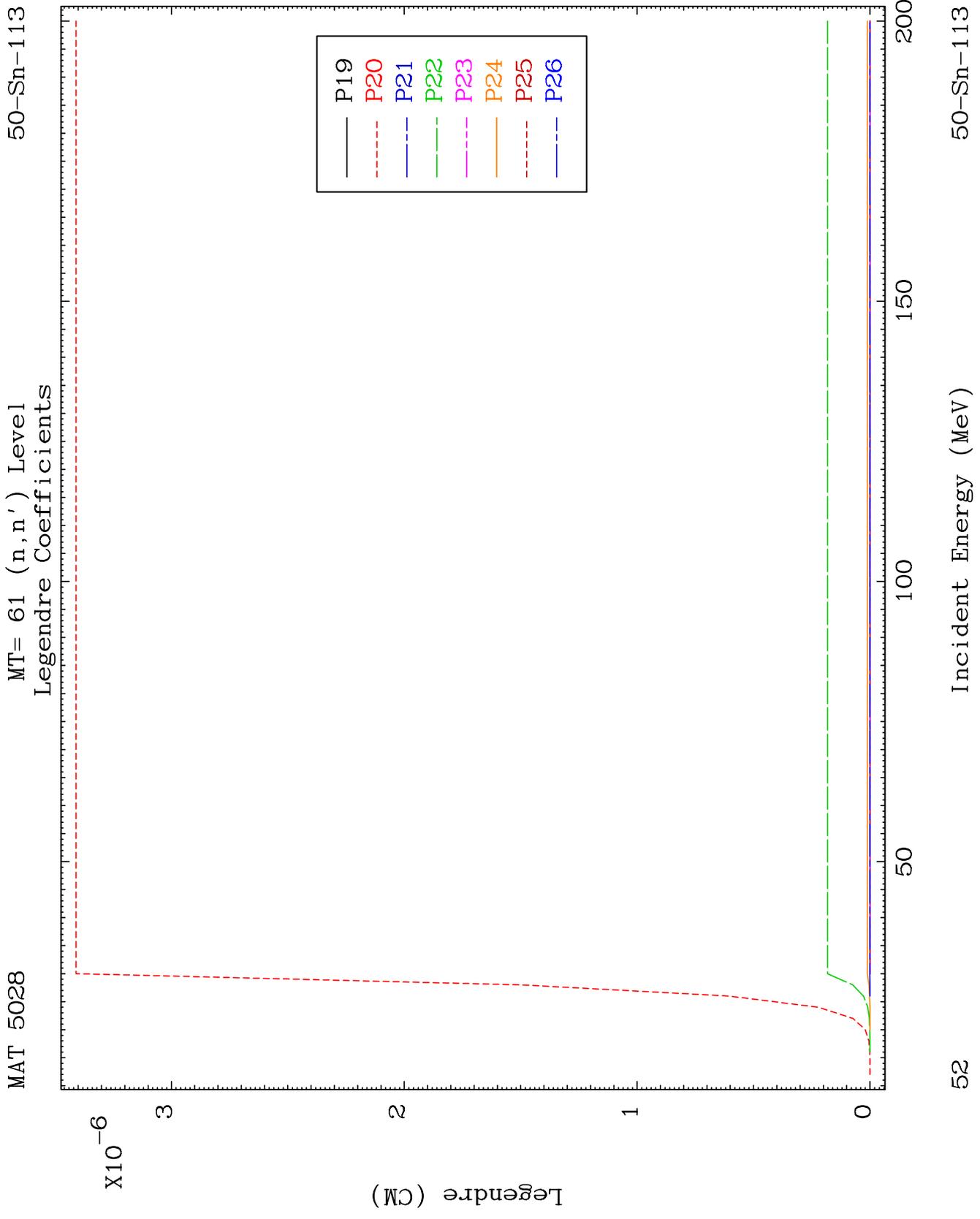
MAT 5028

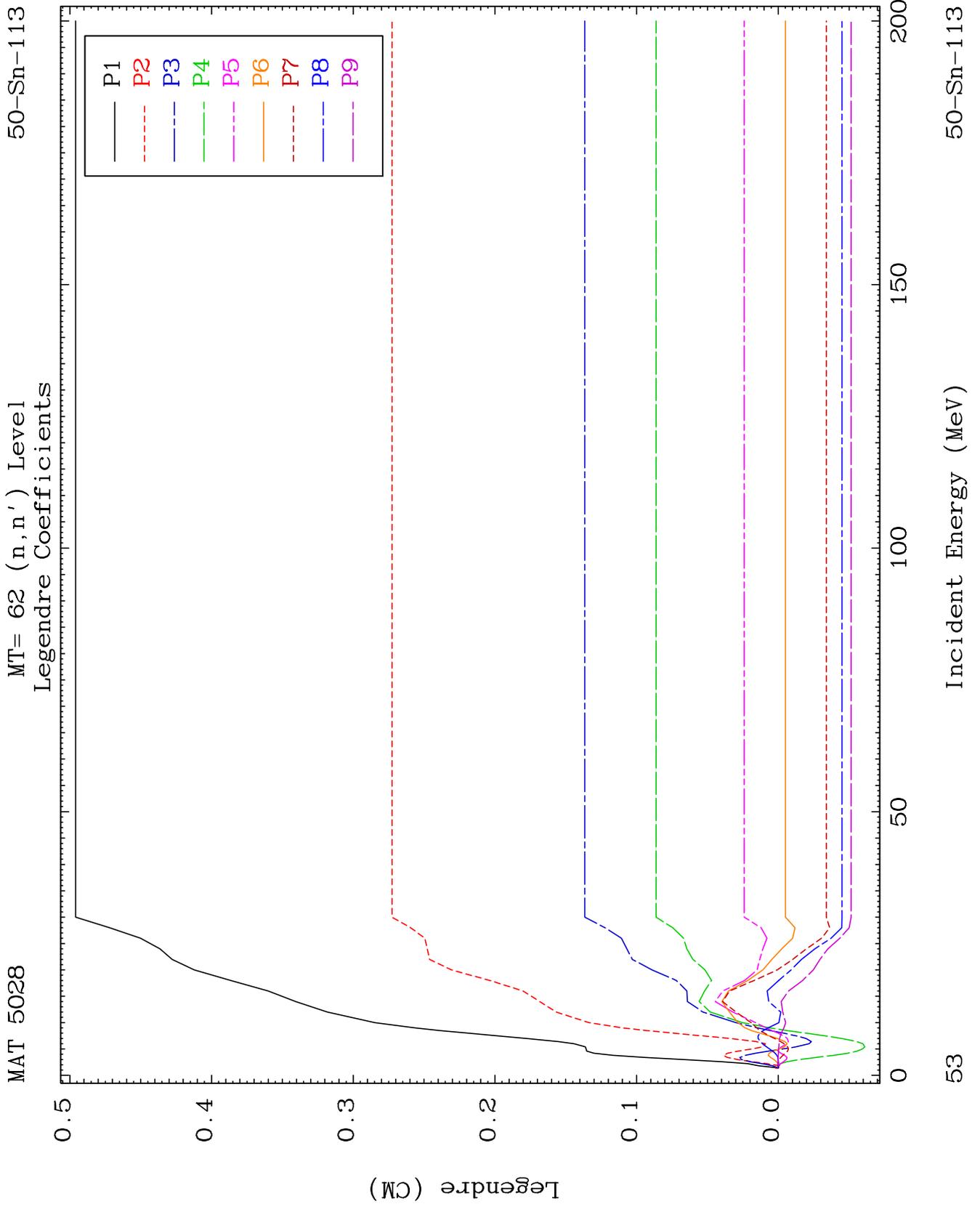
MT= 61 (n,n') Level
Legendre Coefficients

50-Sn-113



51

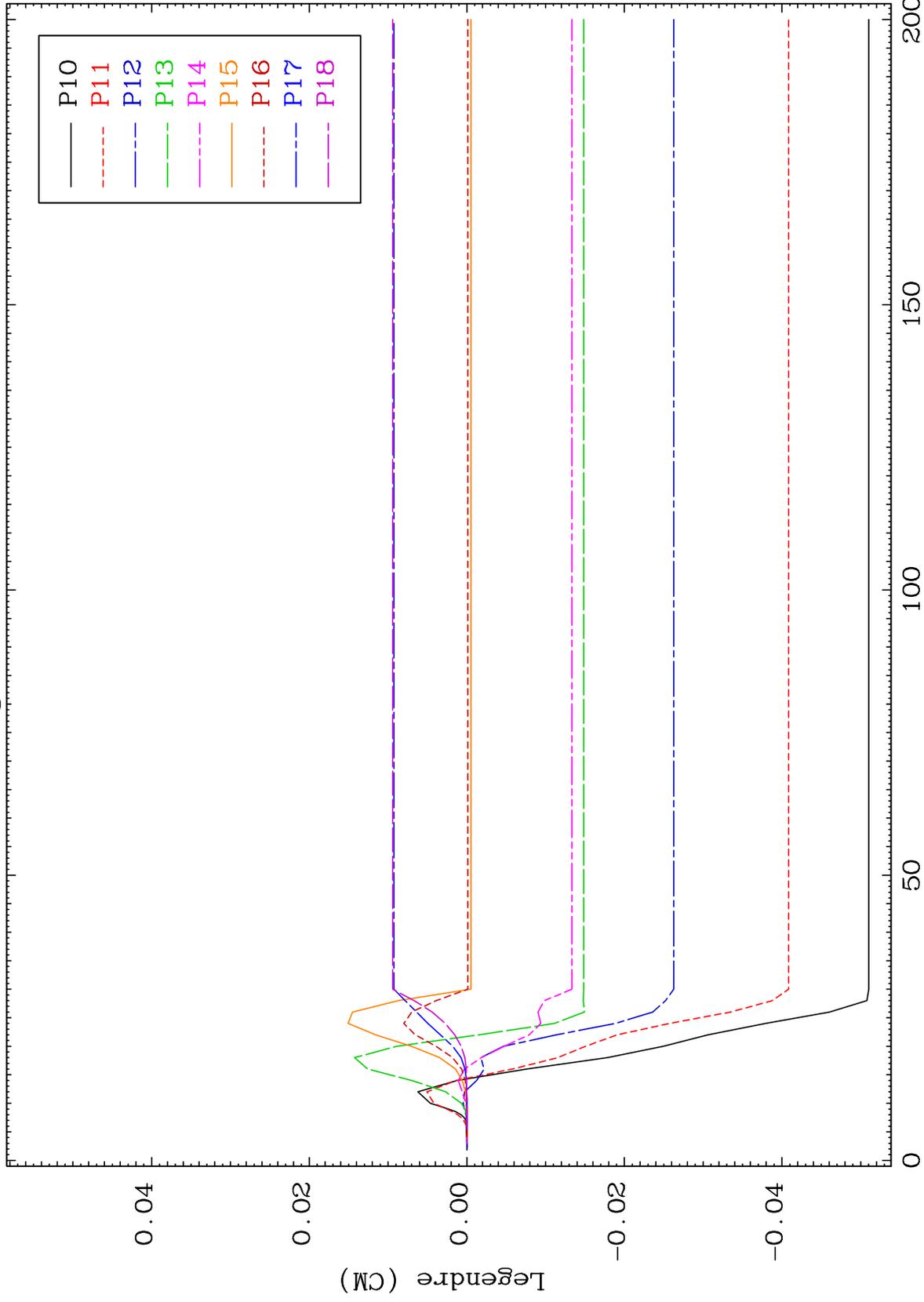




MAT 5028

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

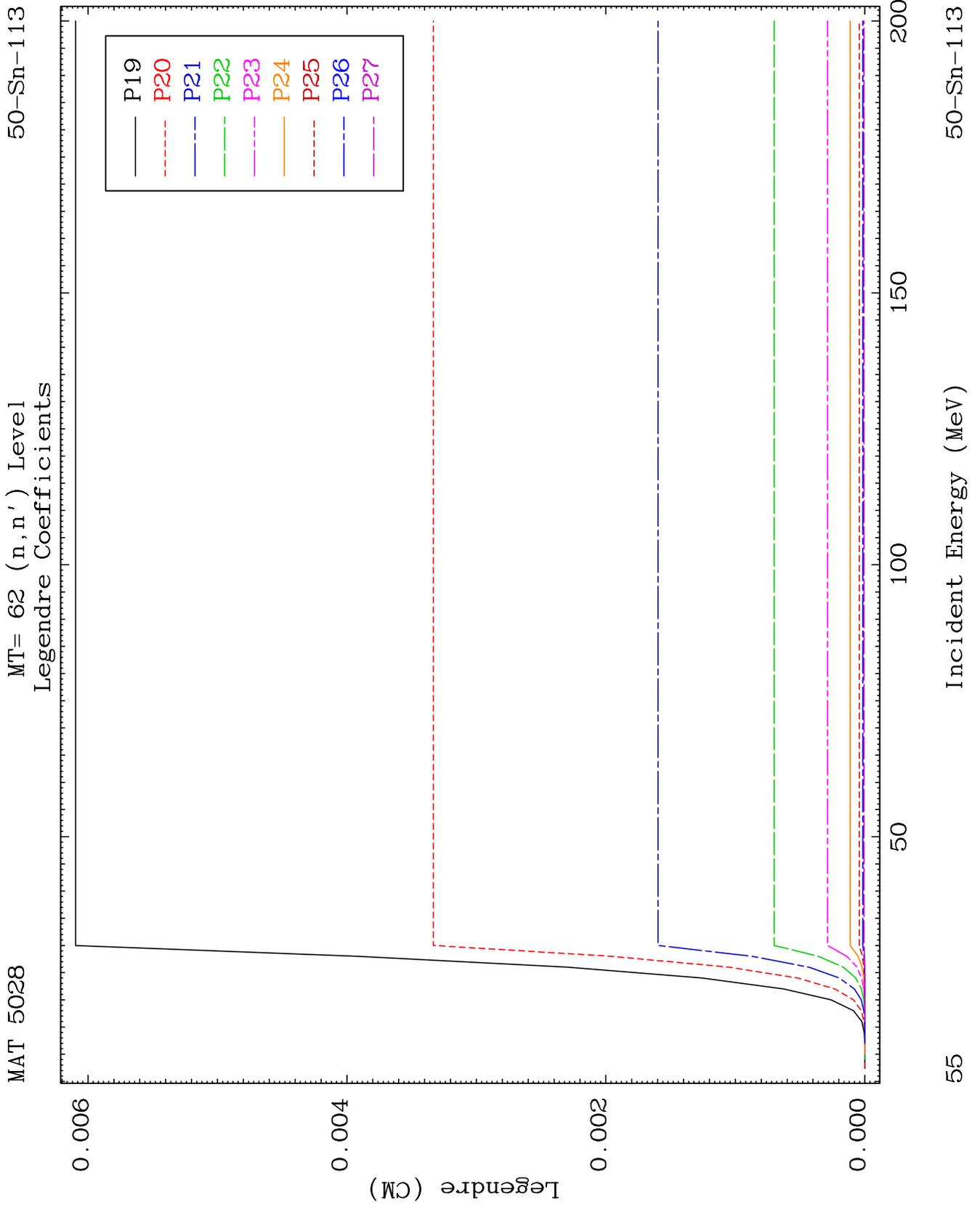
50-Sn-113



54

Incident Energy (MeV)

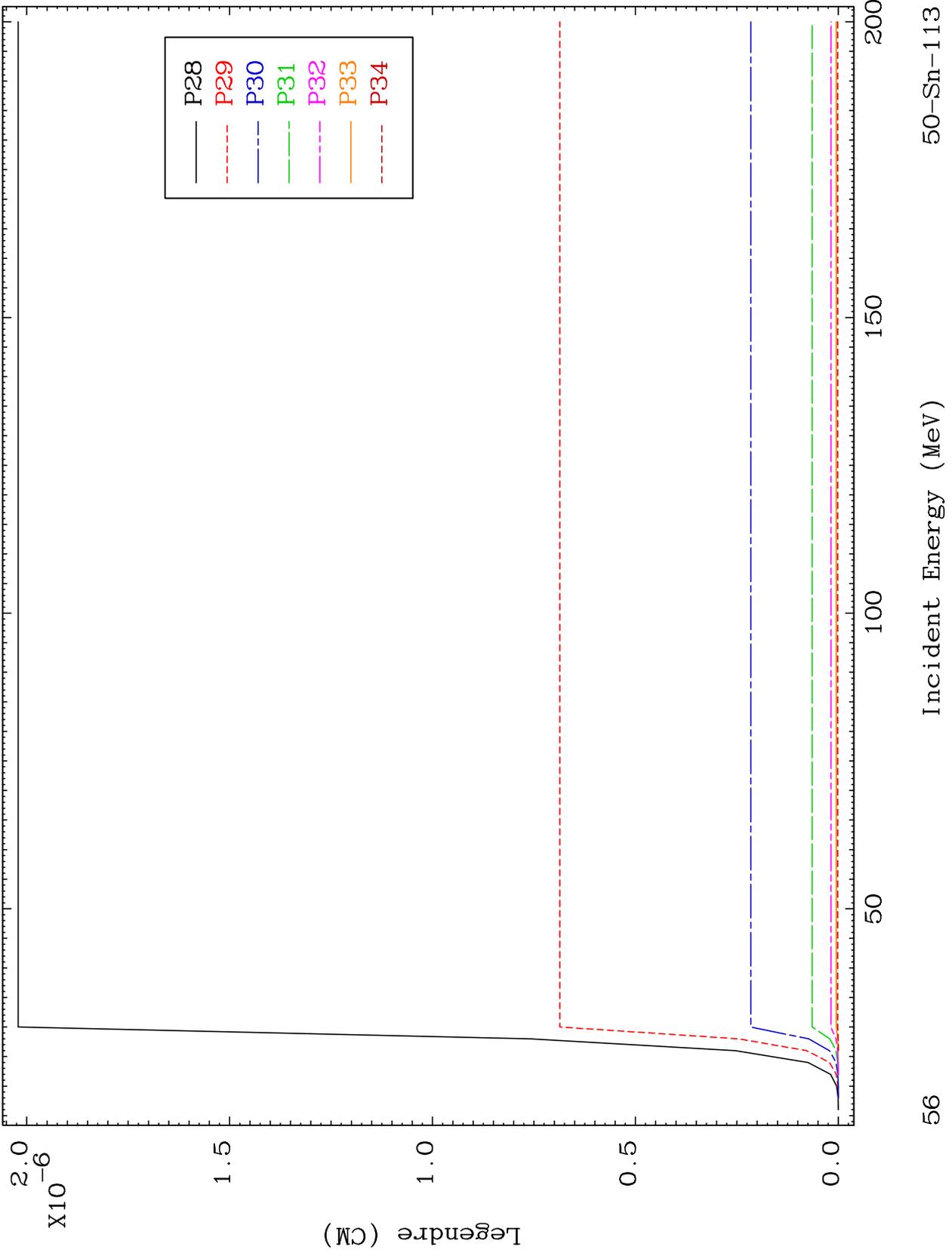
50-Sn-113



MAT 5028

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

50-Sn-113



56

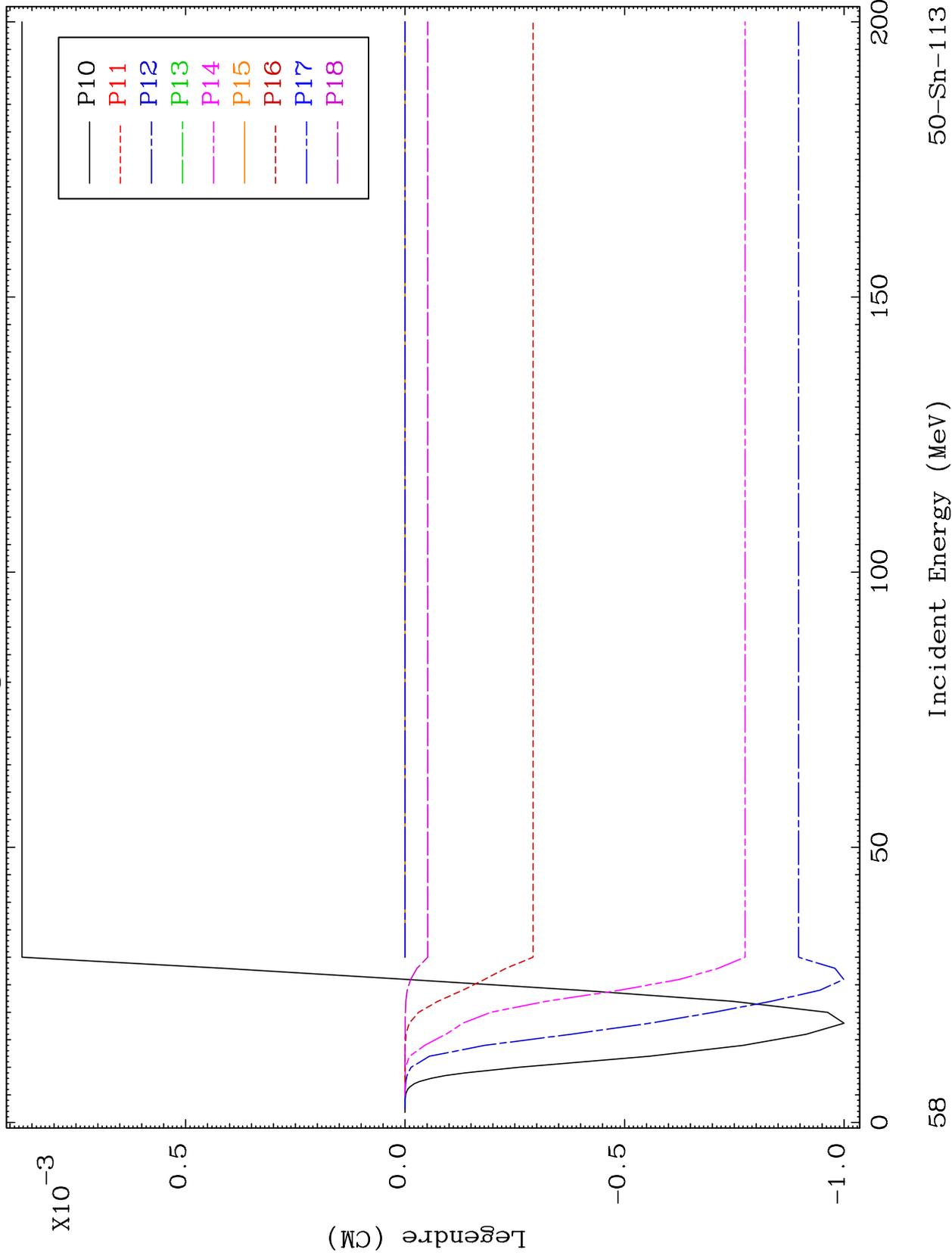
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

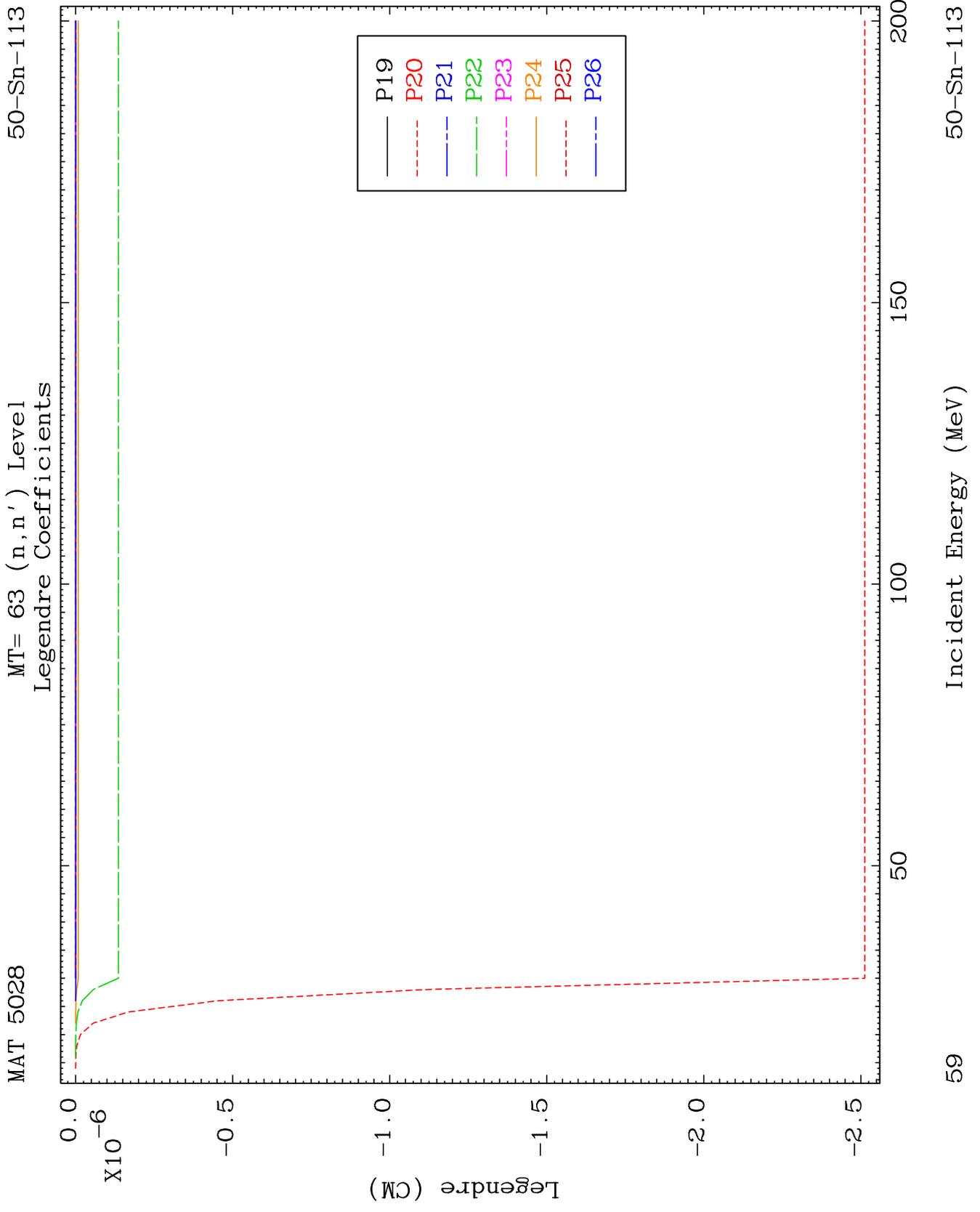
50-Sn-113

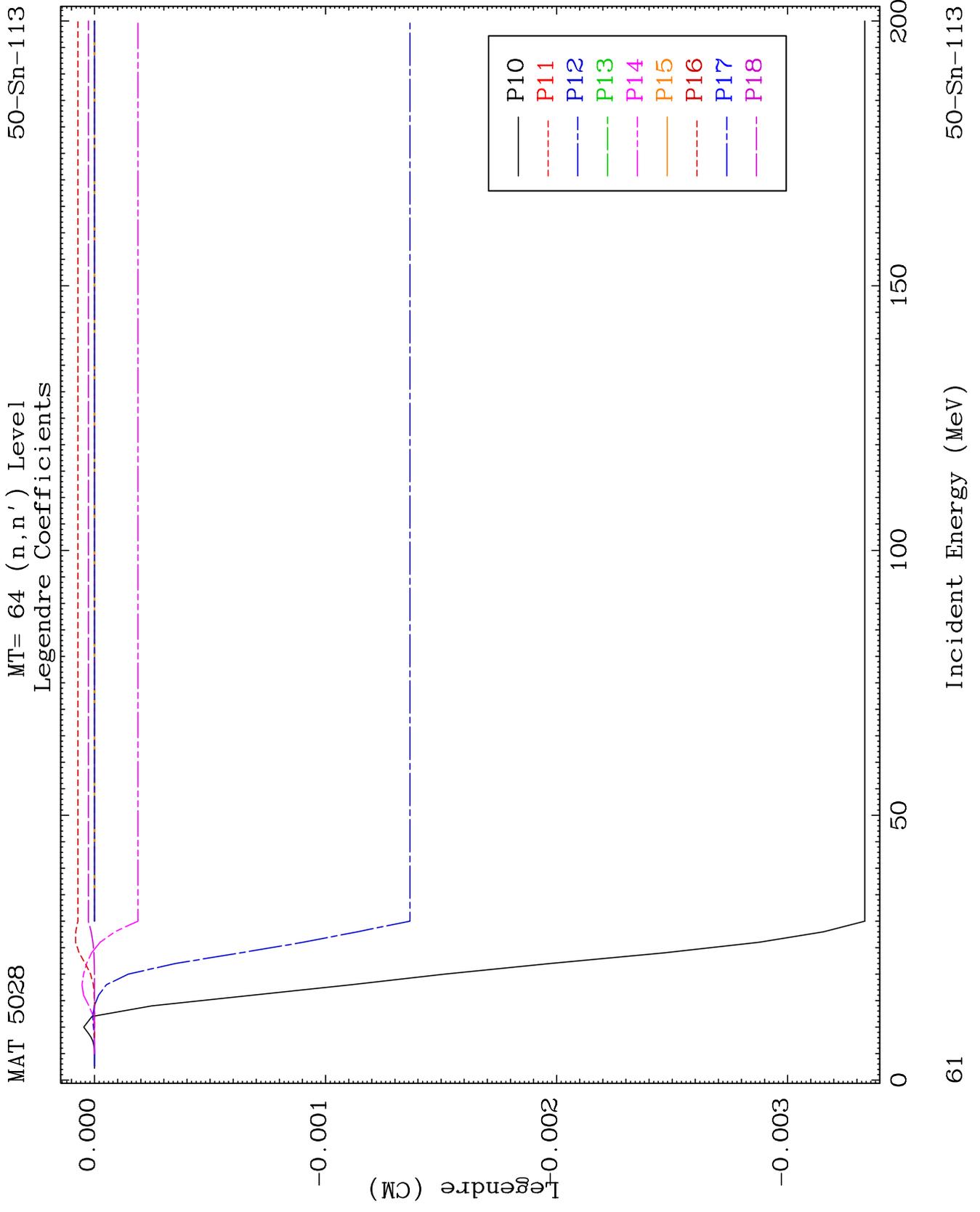


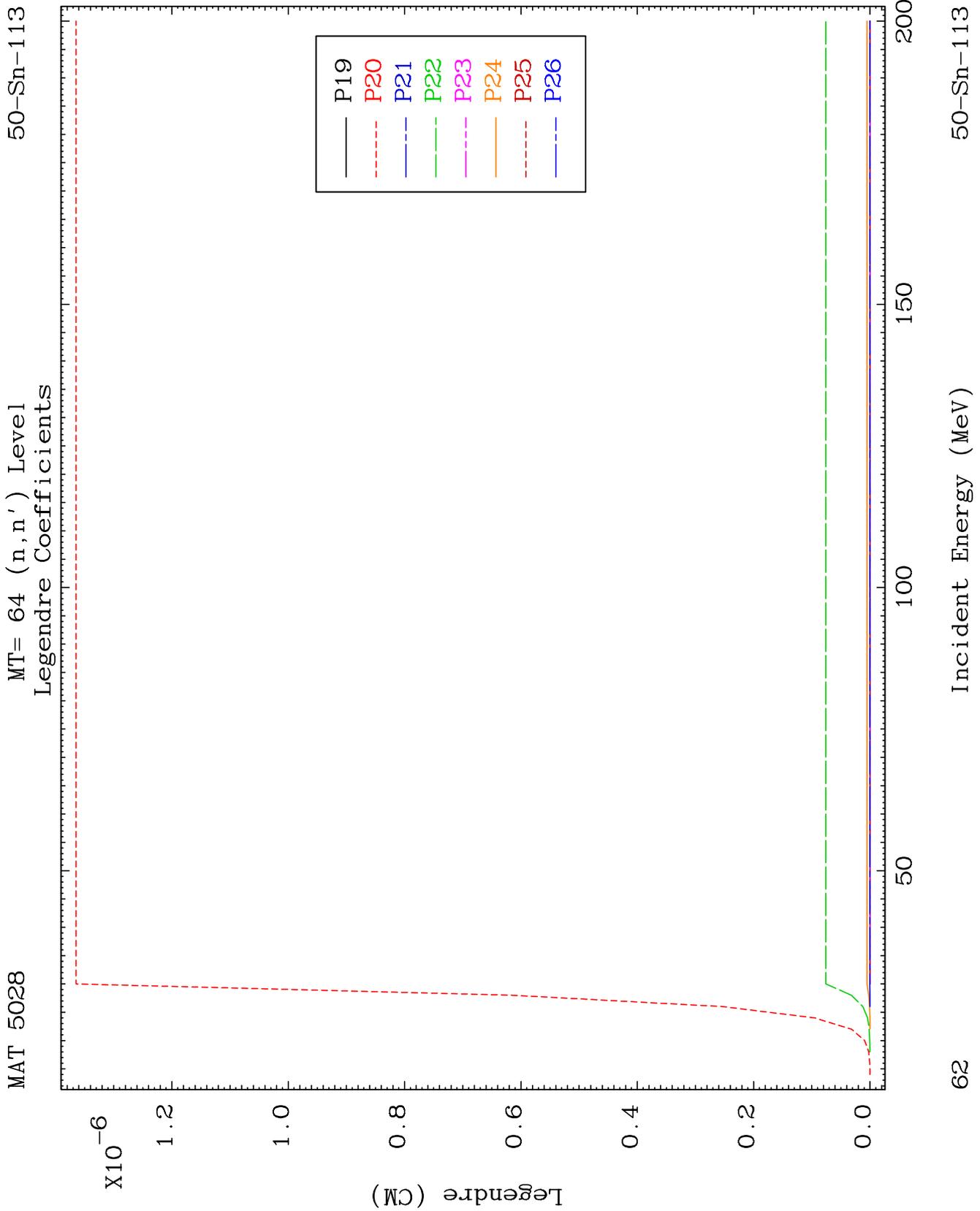
50-Sn-113

Incident Energy (MeV)

58



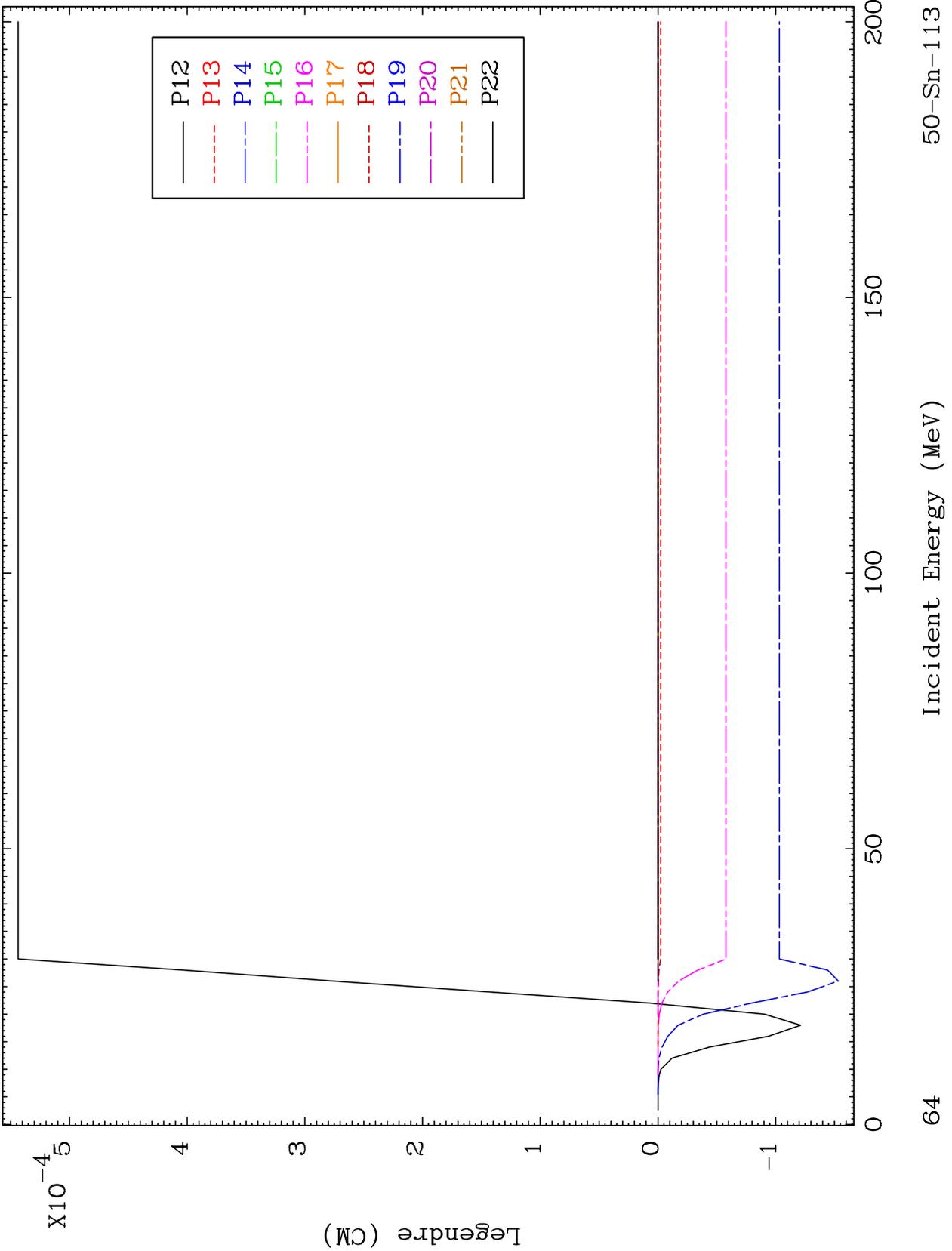




MAT 5028

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

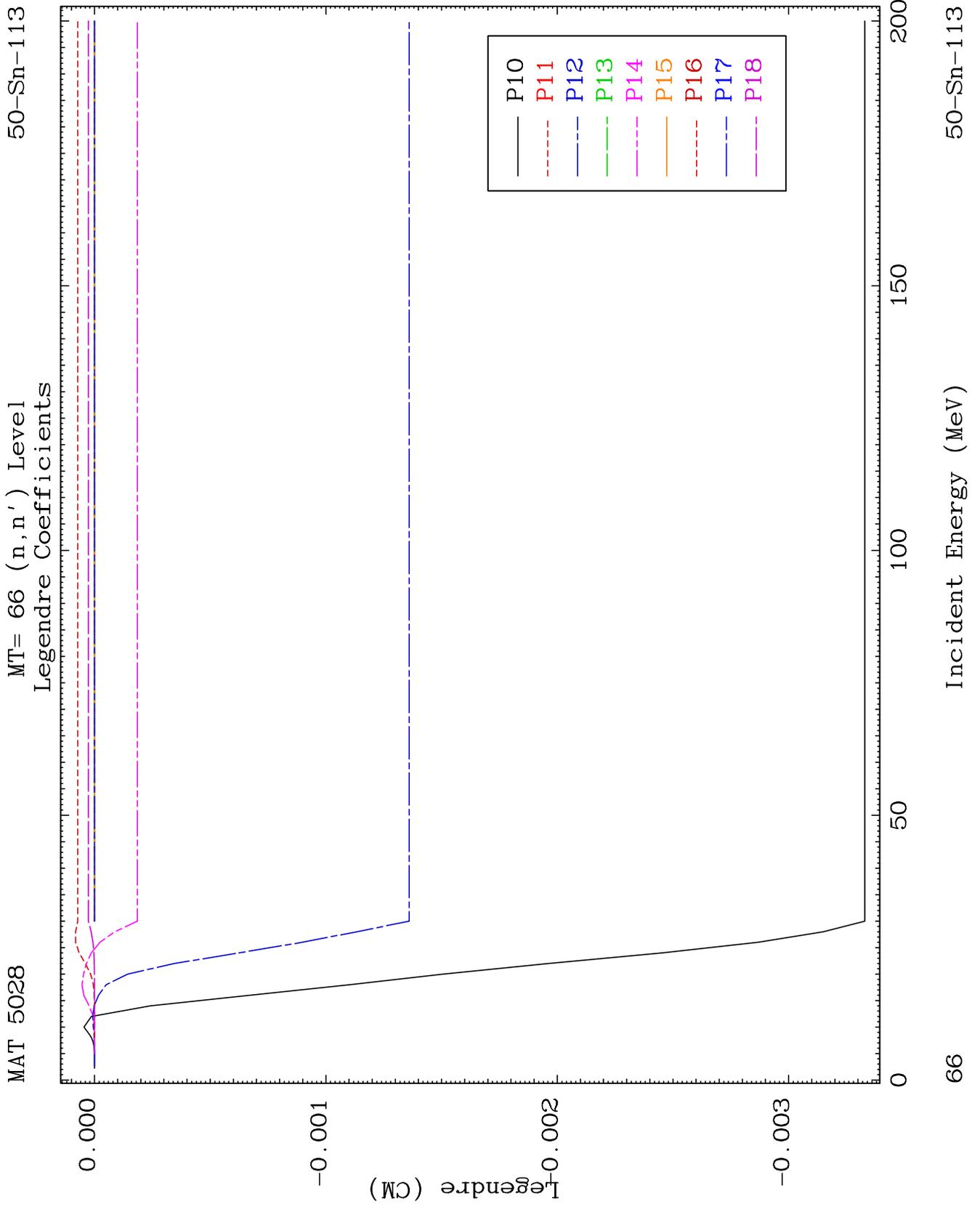
50-Sn-113

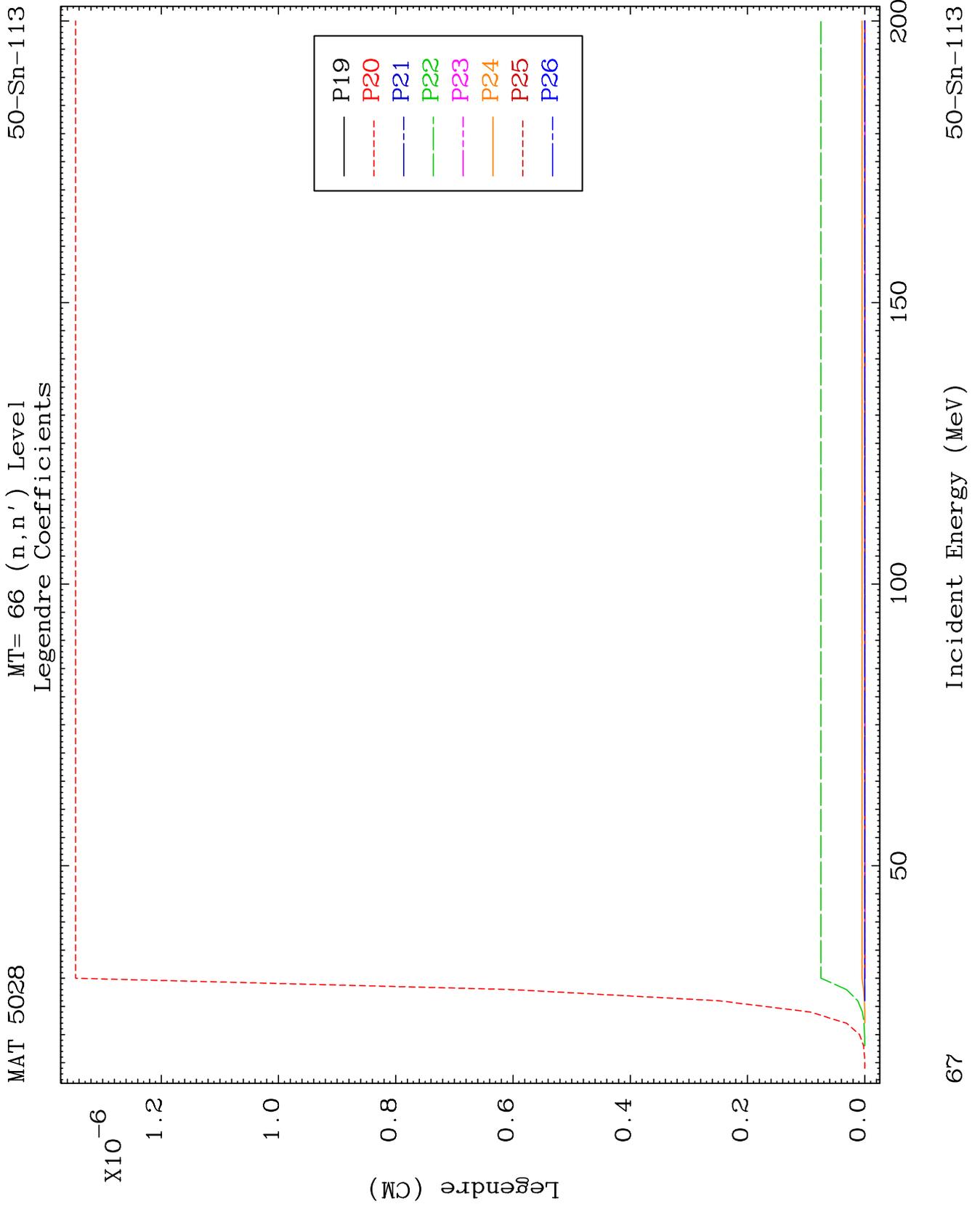


50-Sn-113

Incident Energy (MeV)

64

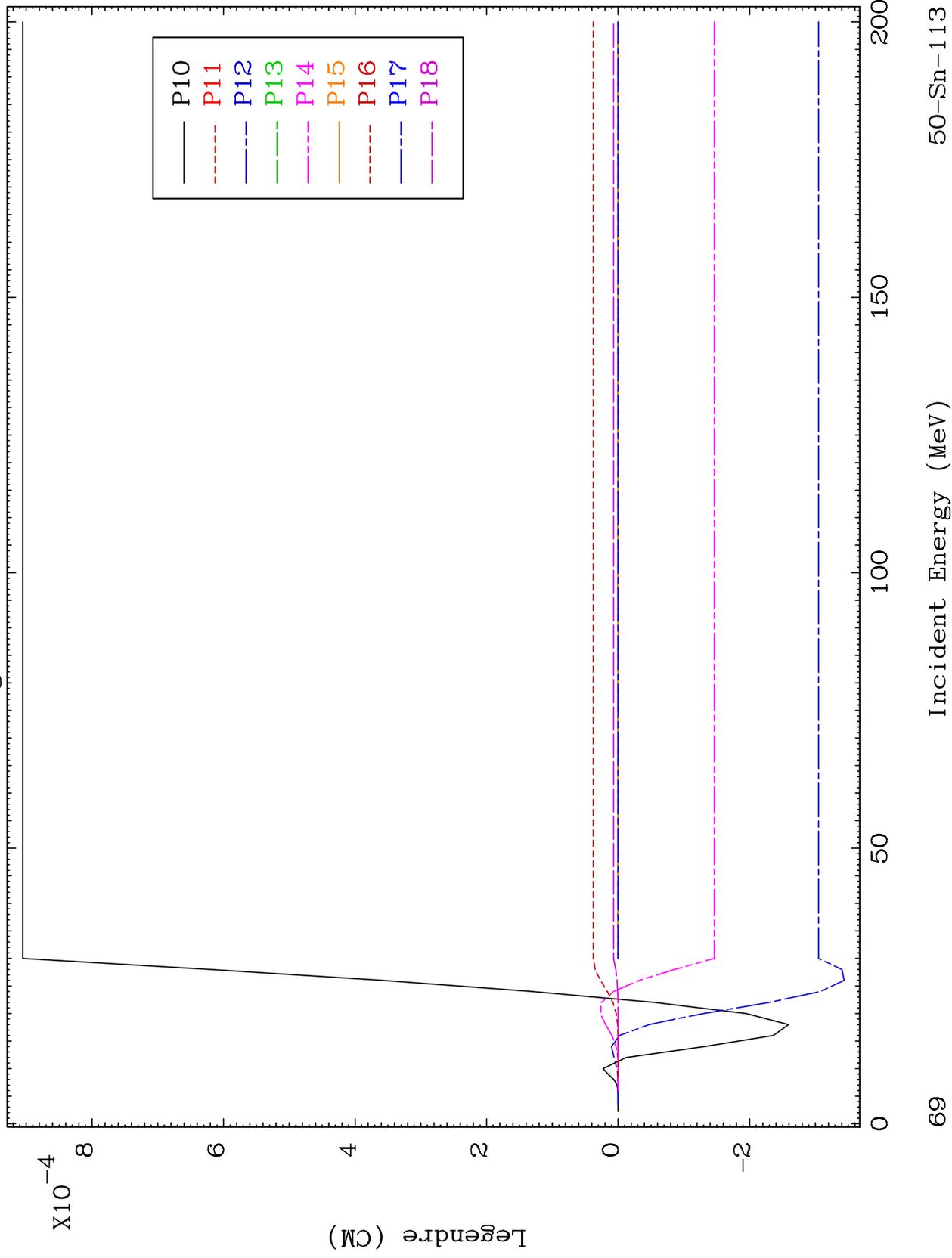


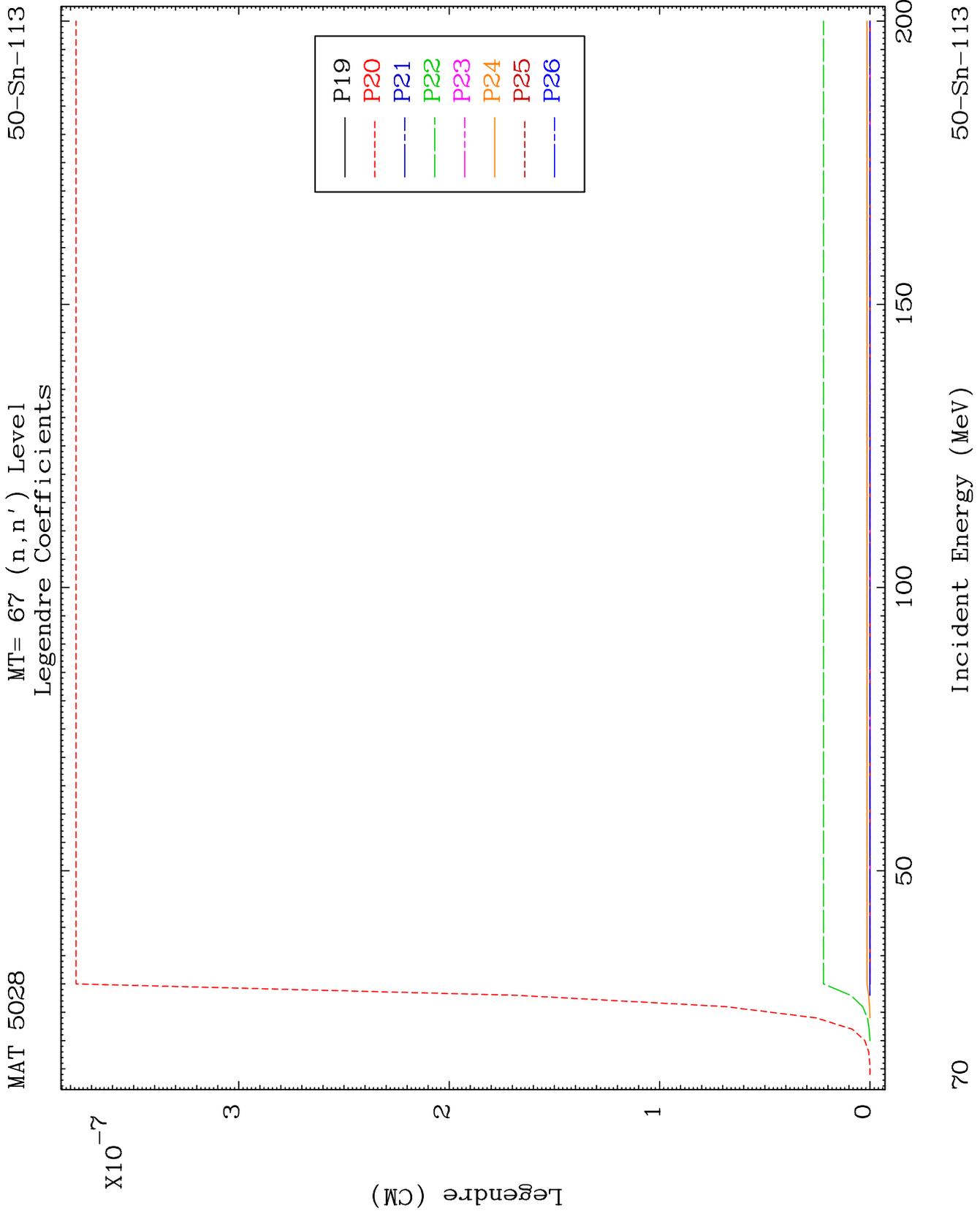


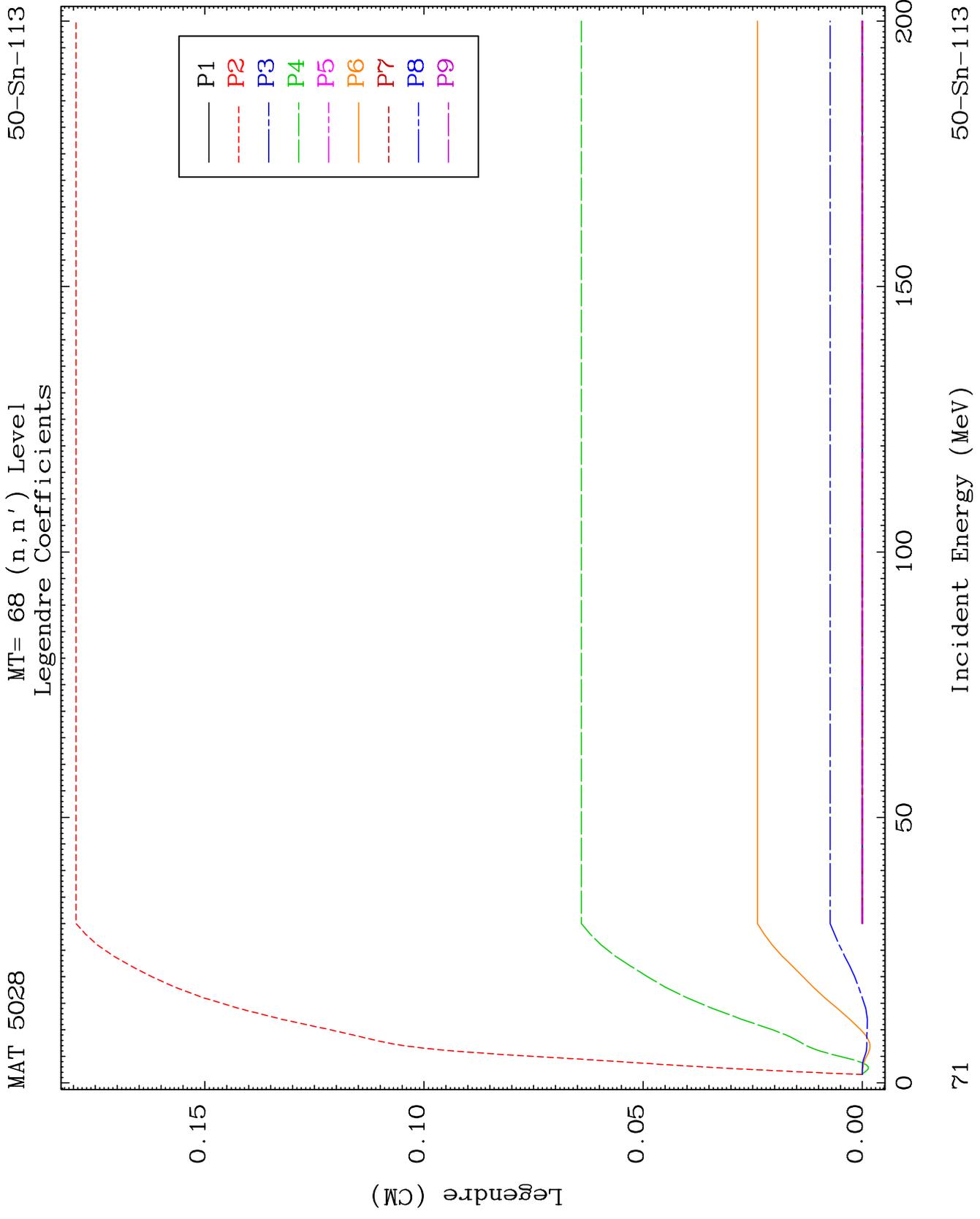
MAT 5028

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

50-Sn-113



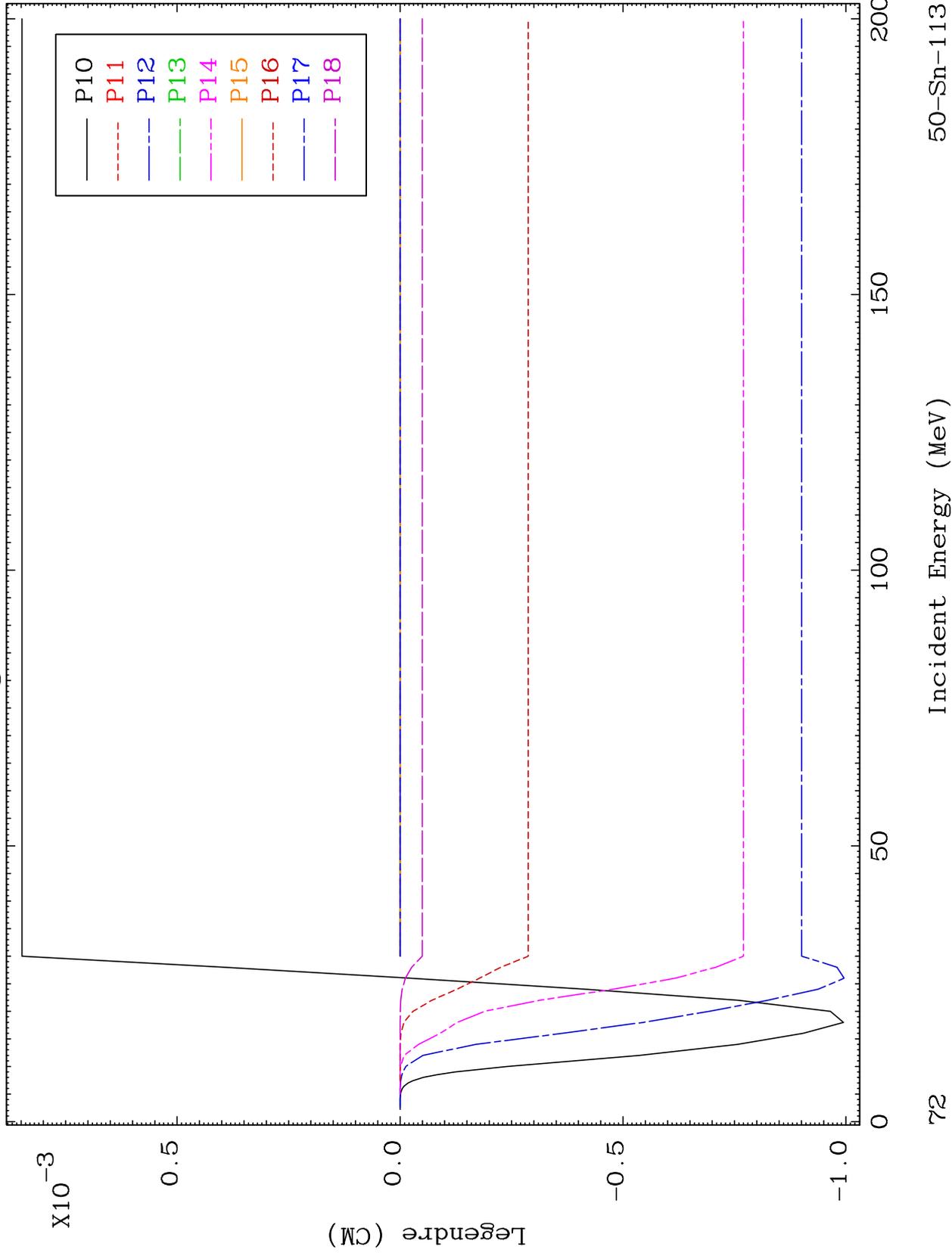




MAT 5028

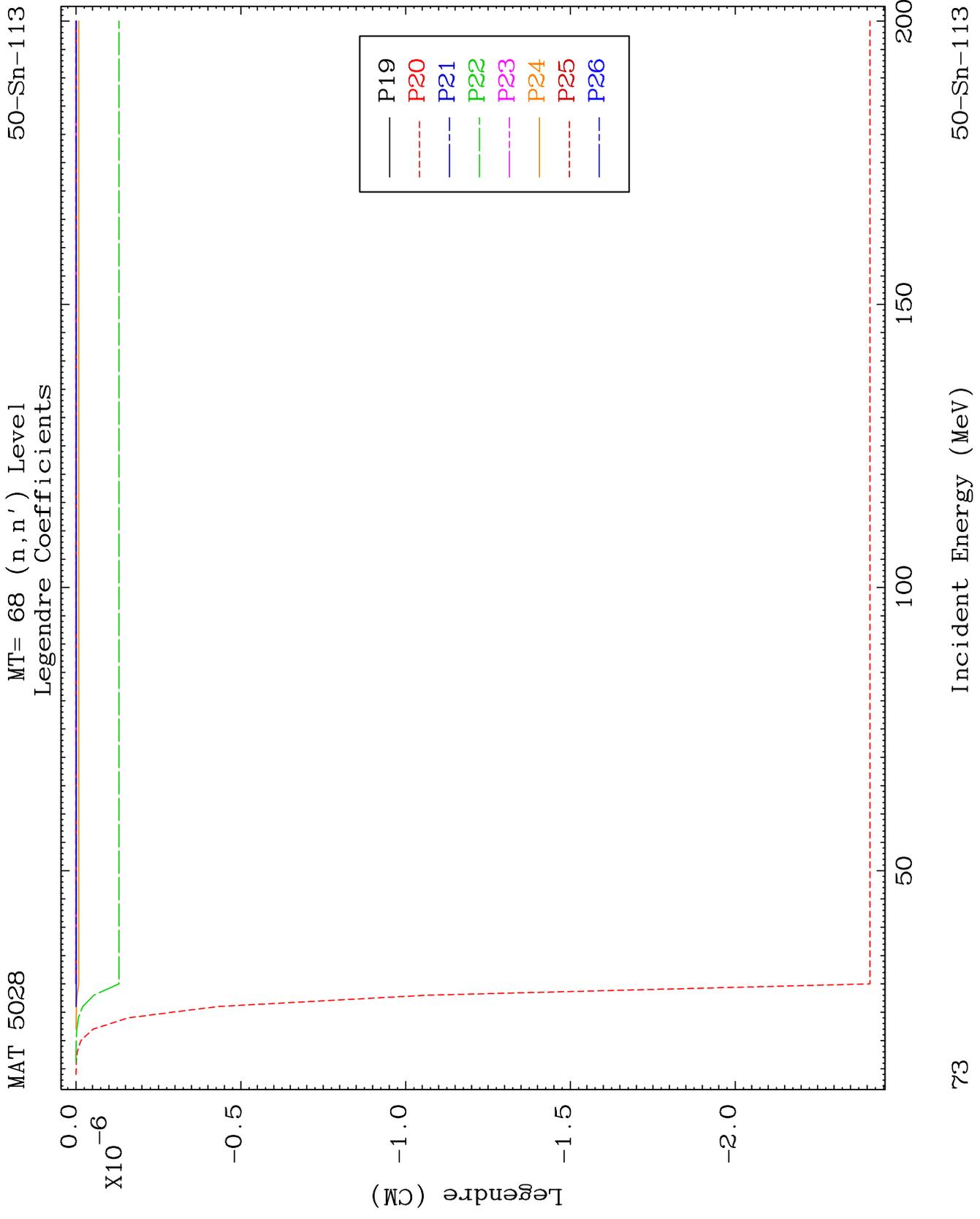
MT= 68 (n,n') Level
Legendre Coefficients

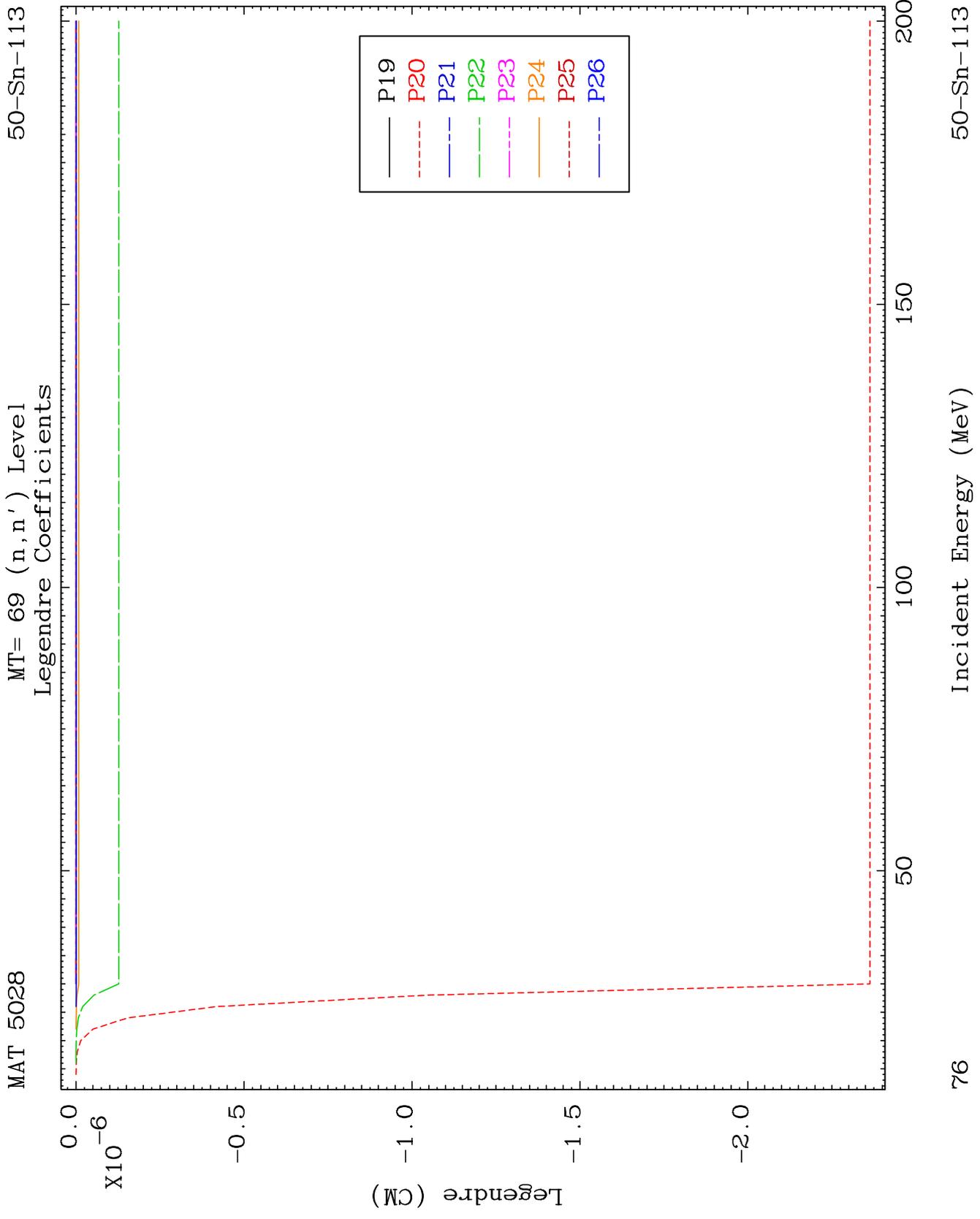
50-Sn-113

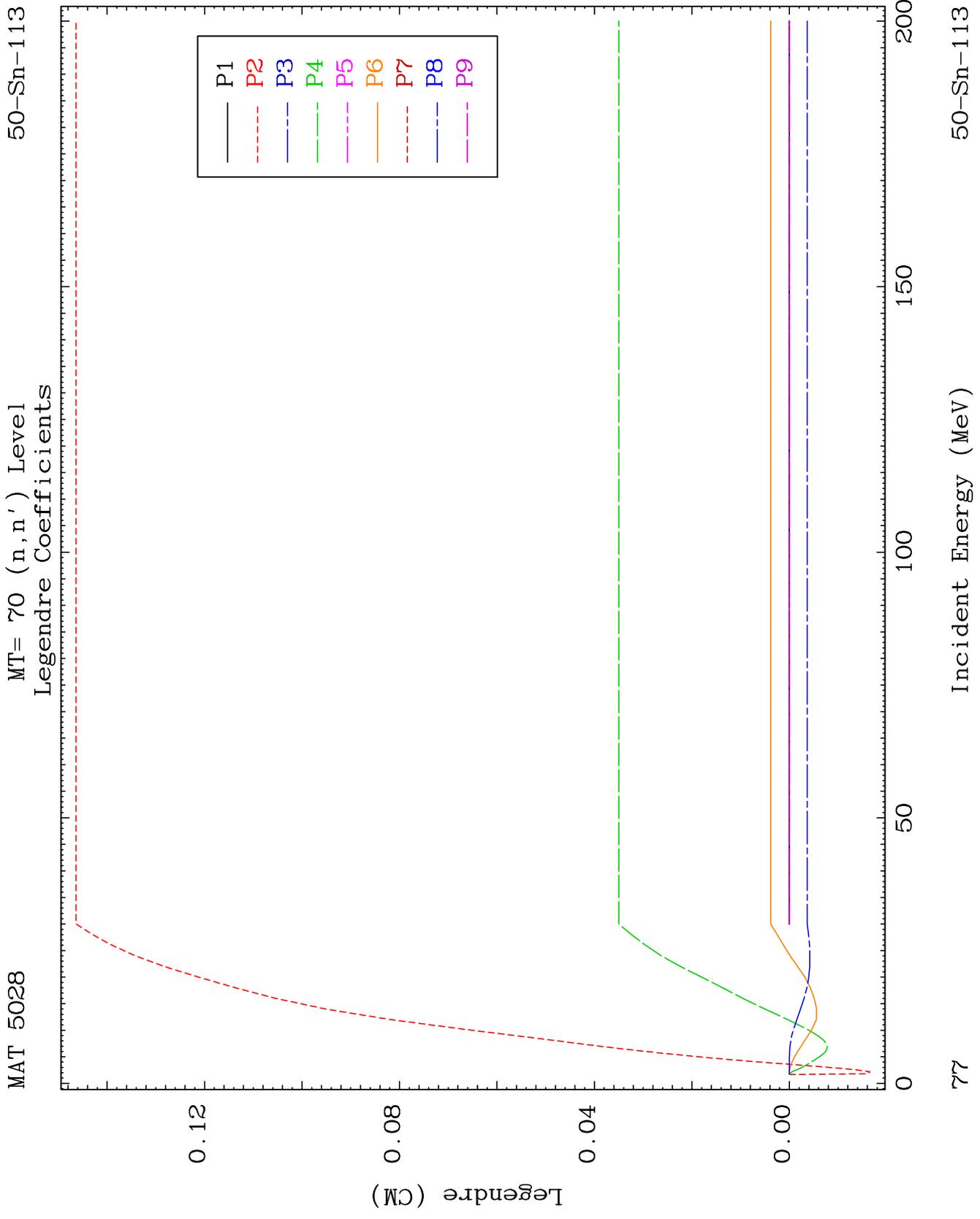


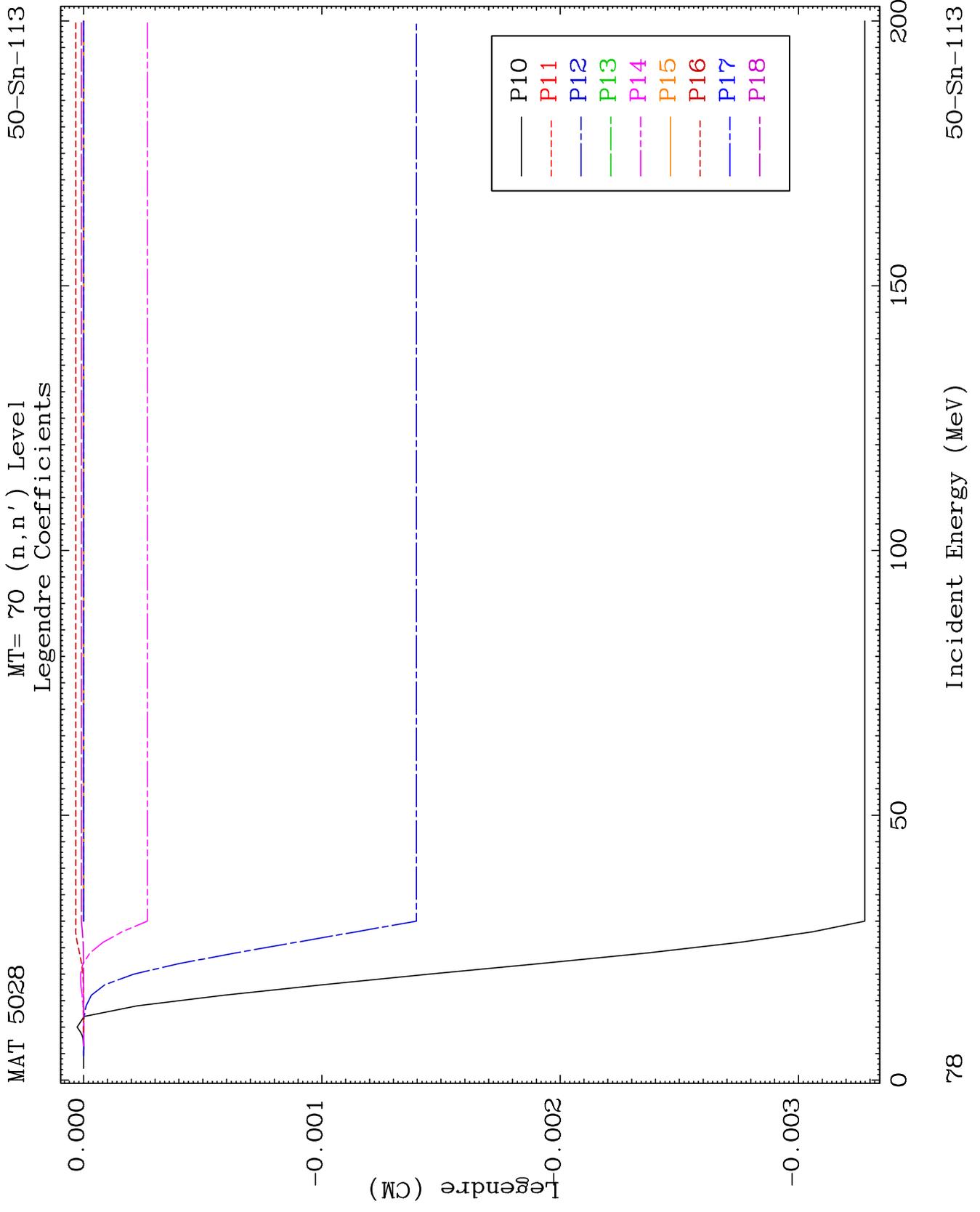
72

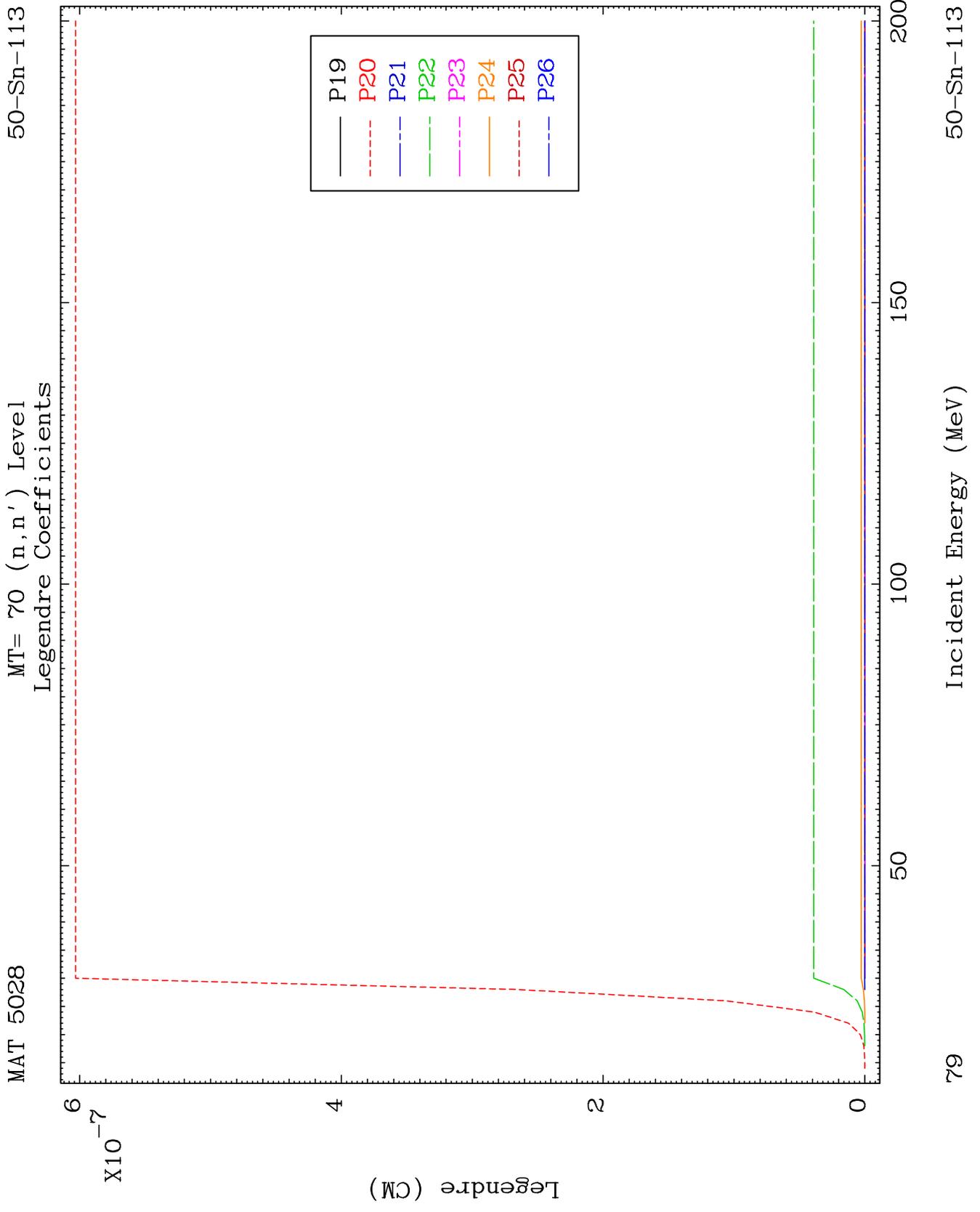
50-Sn-113

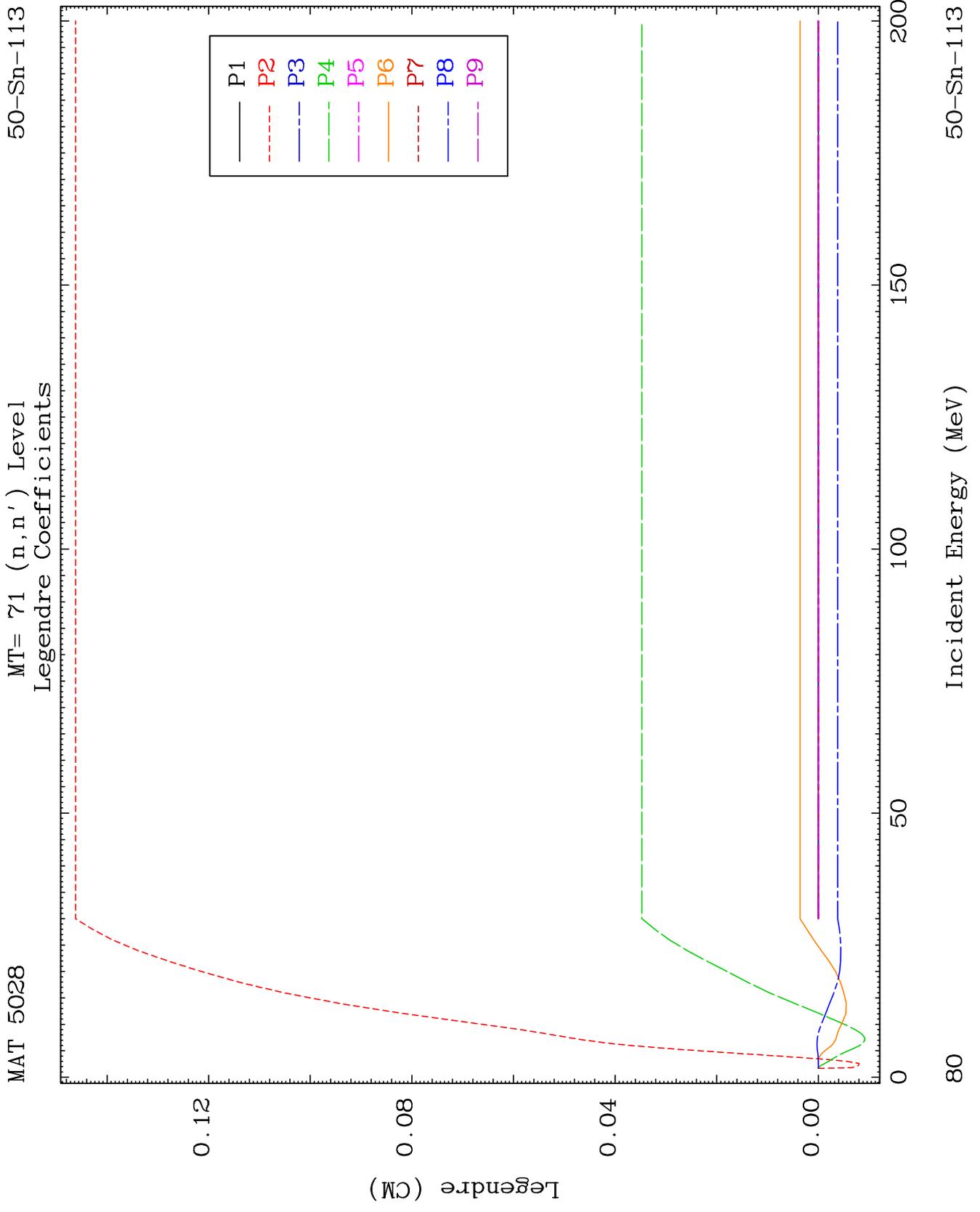


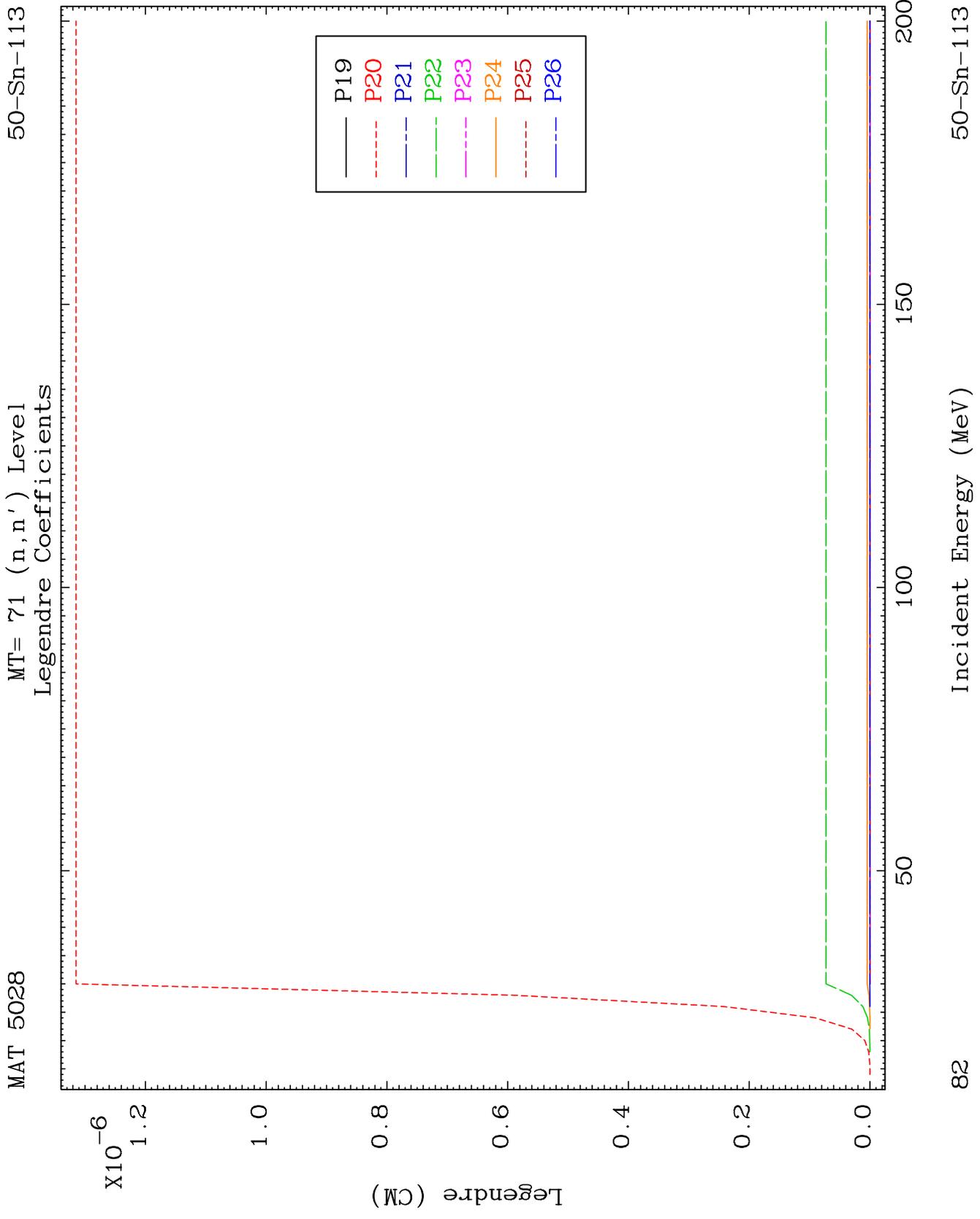








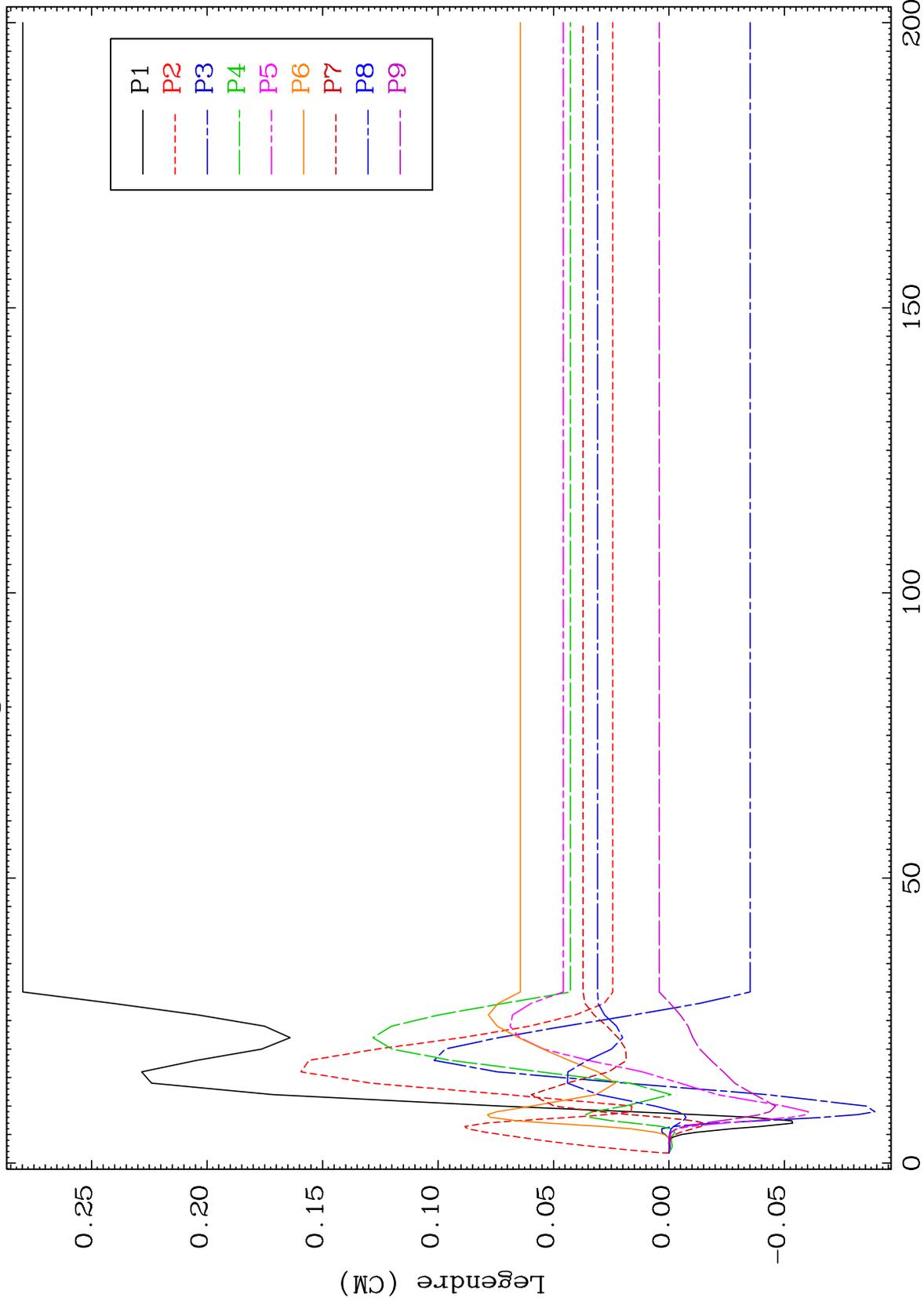




MAT 5028

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

50-Sn-113



83

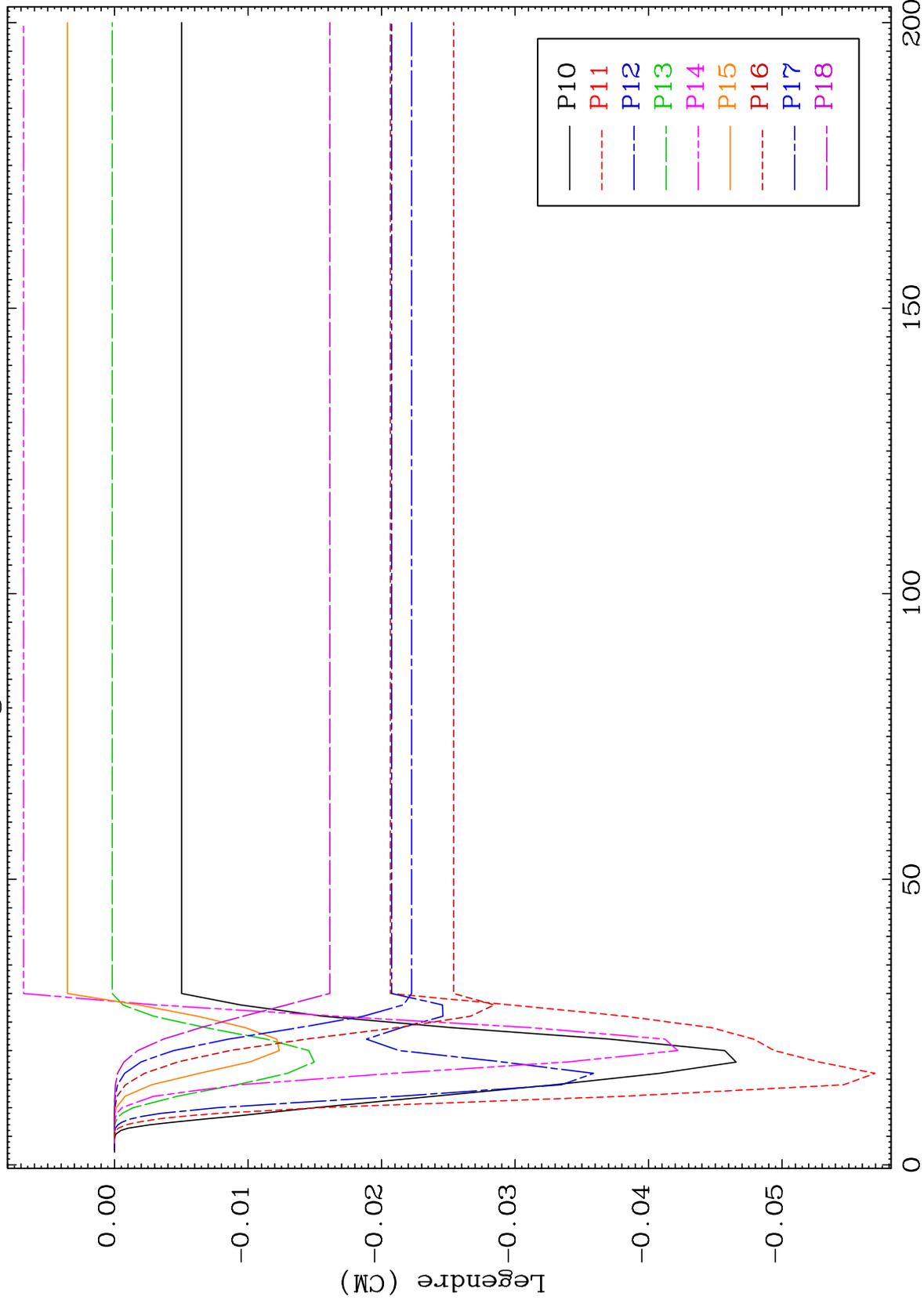
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

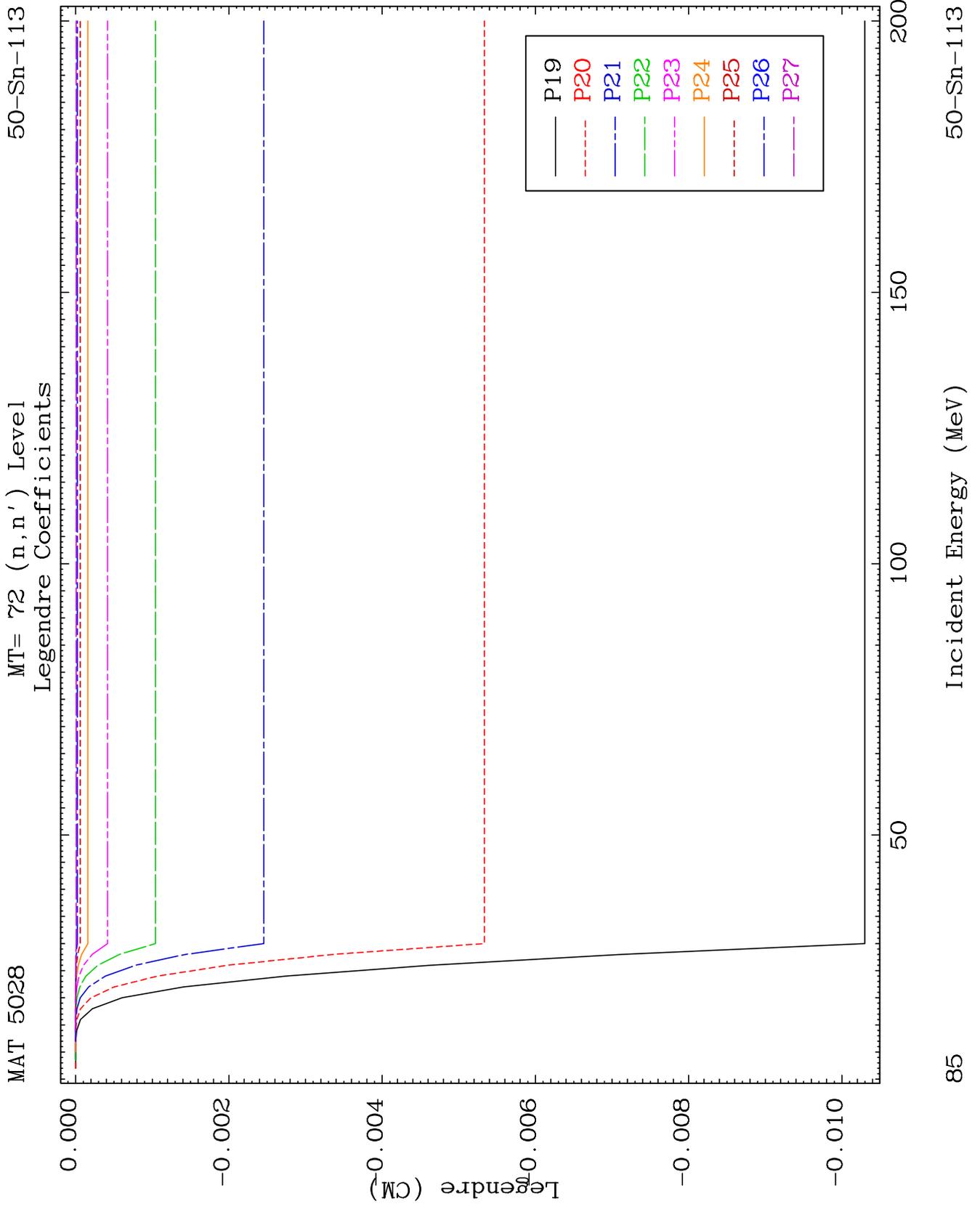
50-Sn-113

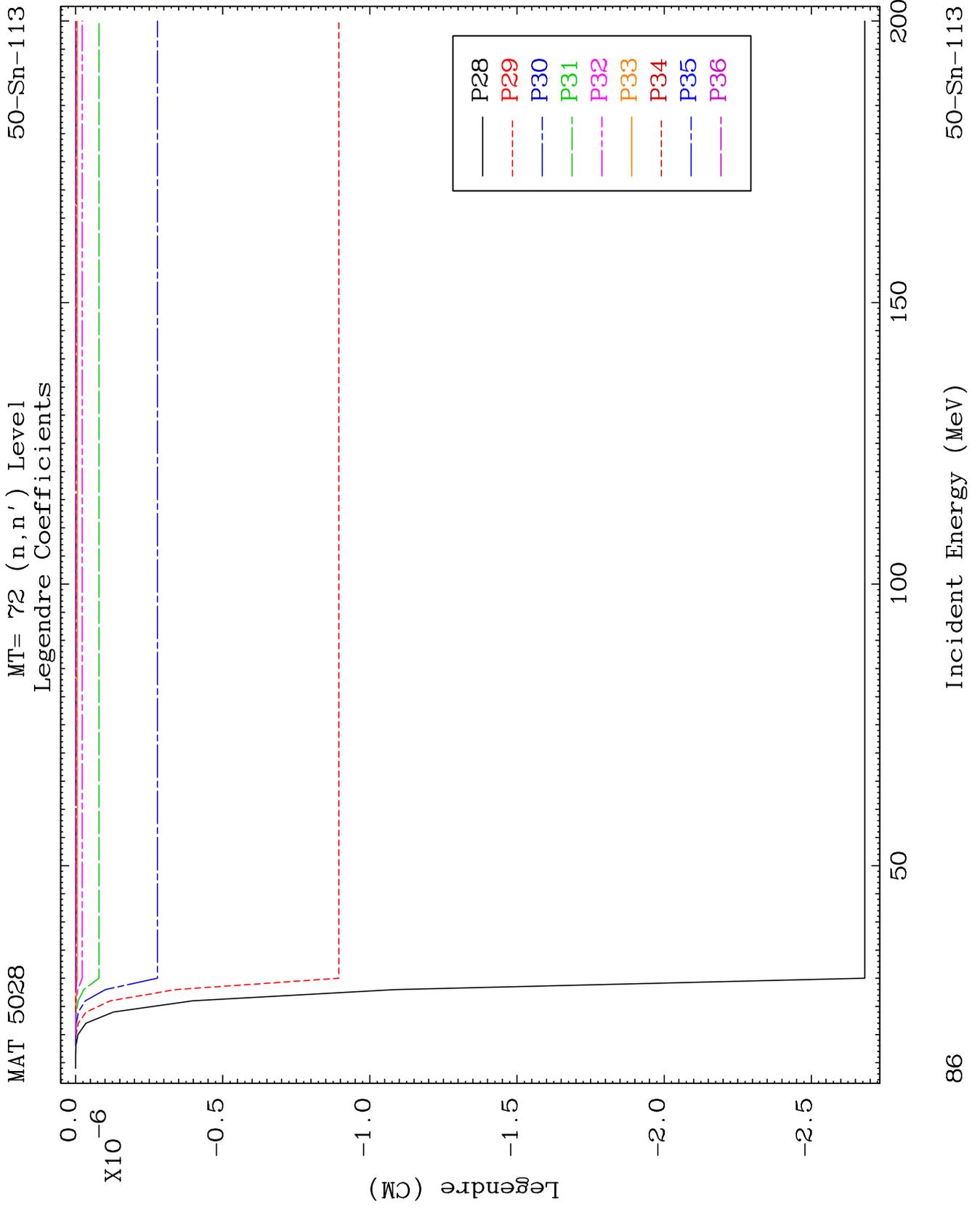


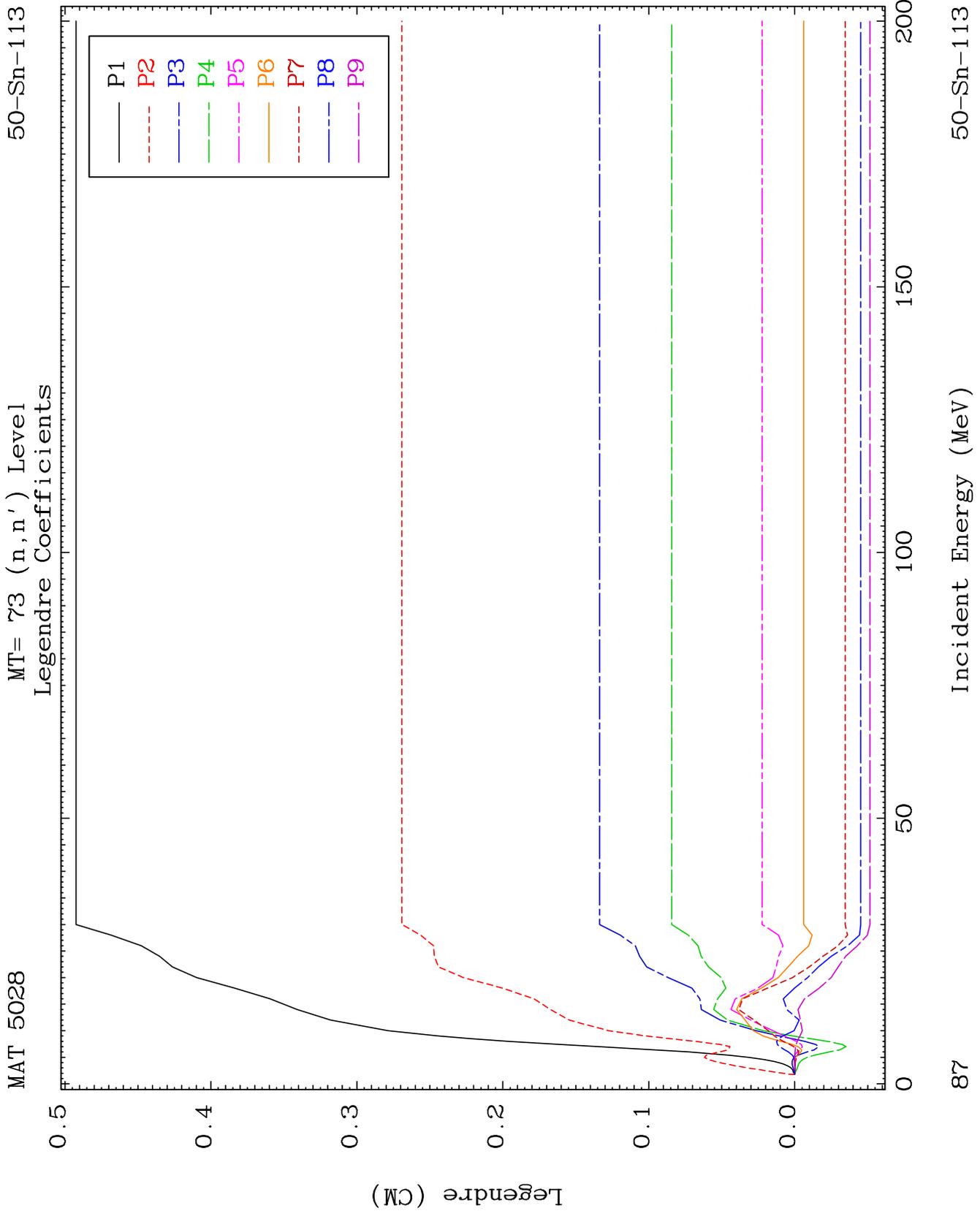
84

Incident Energy (MeV)

50-Sn-113



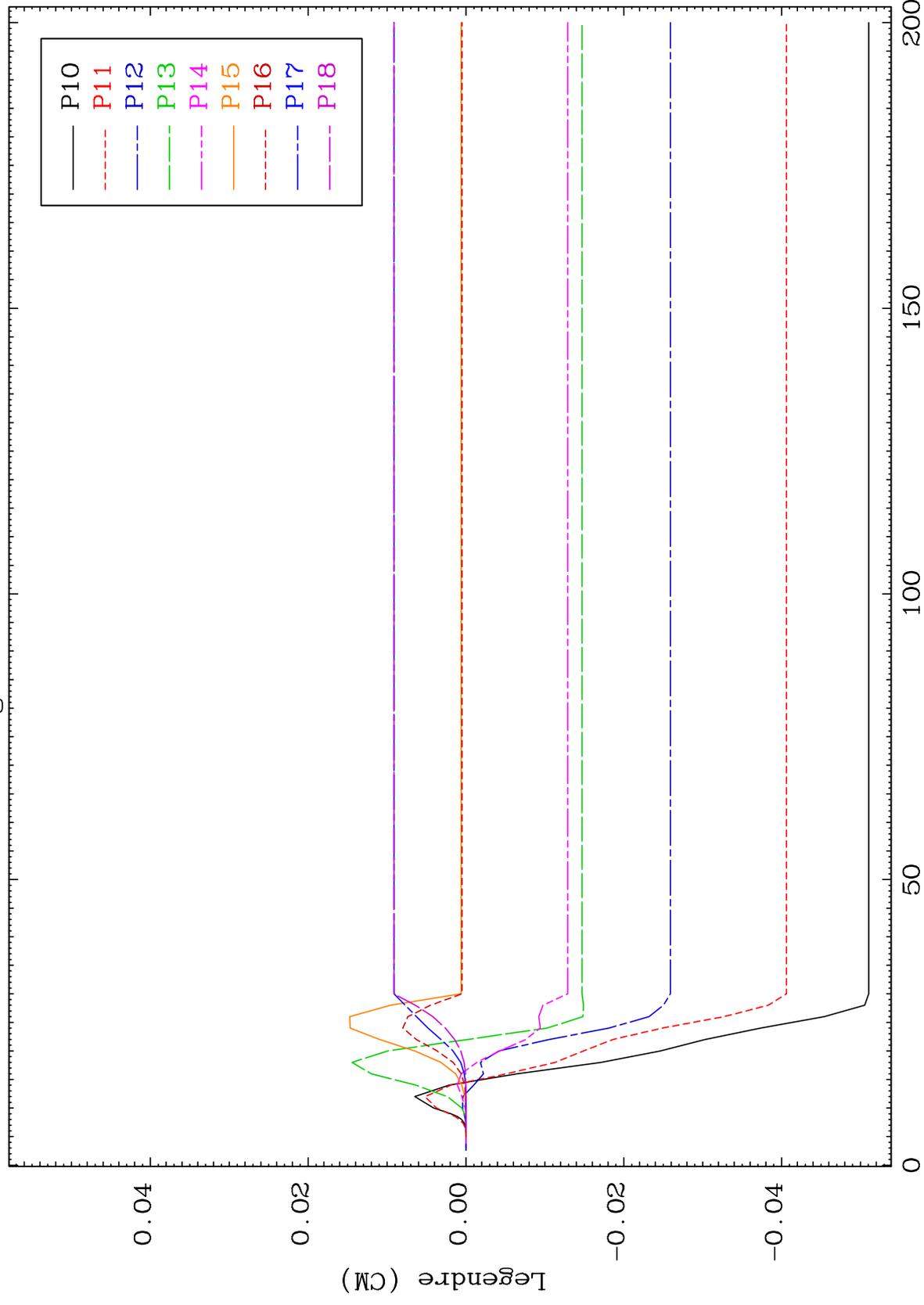




MAT 5028

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

50-Sn-113



88

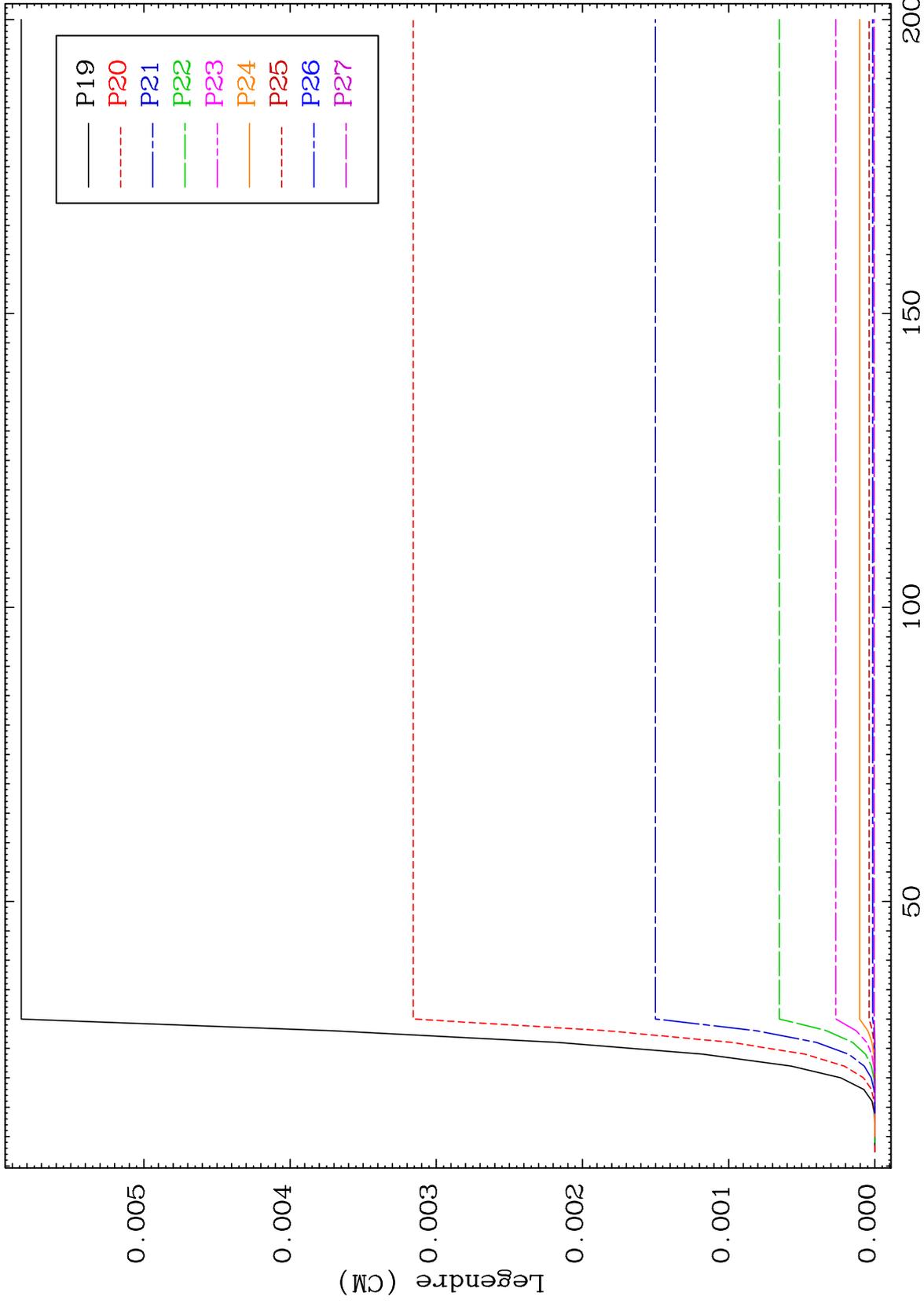
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



89

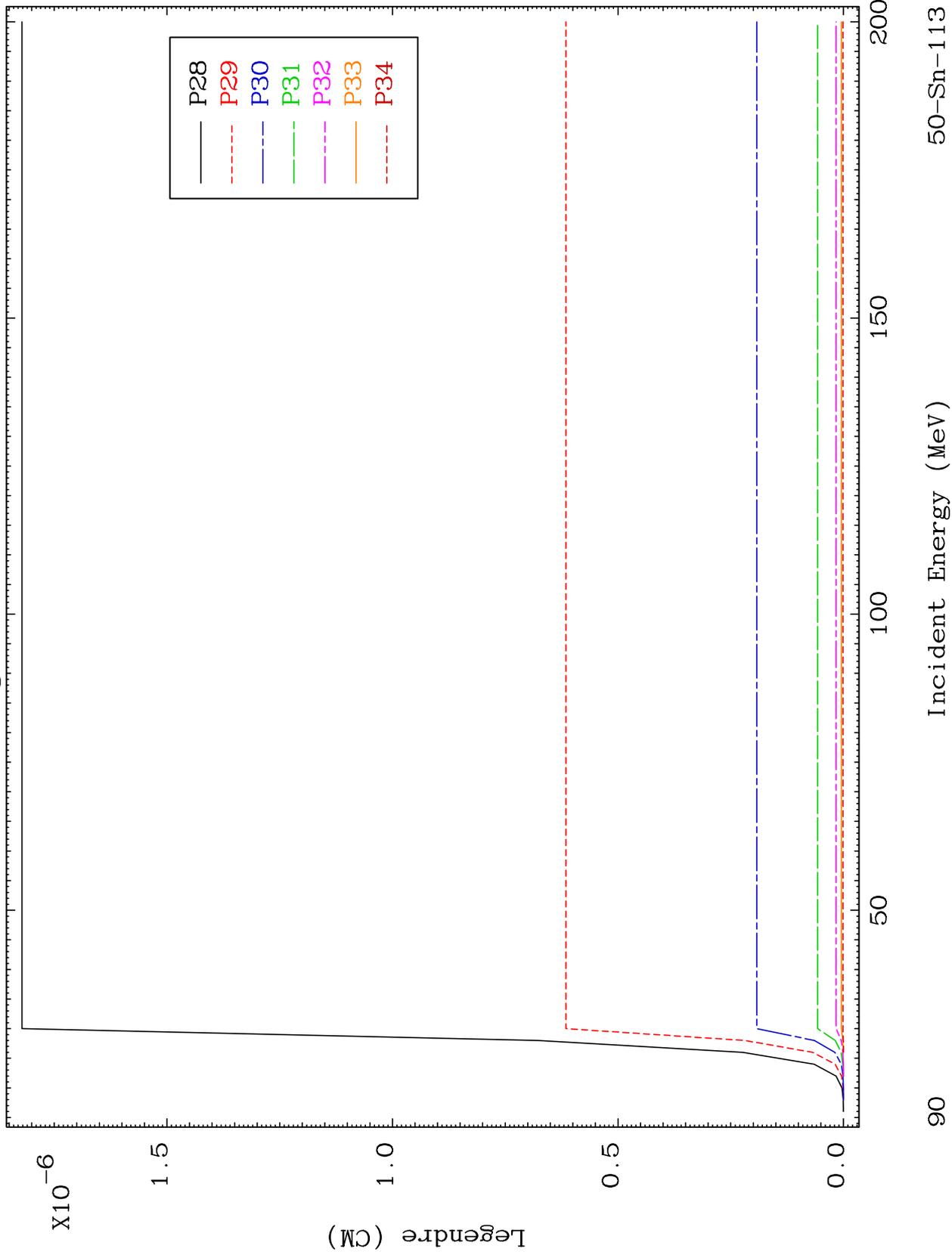
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

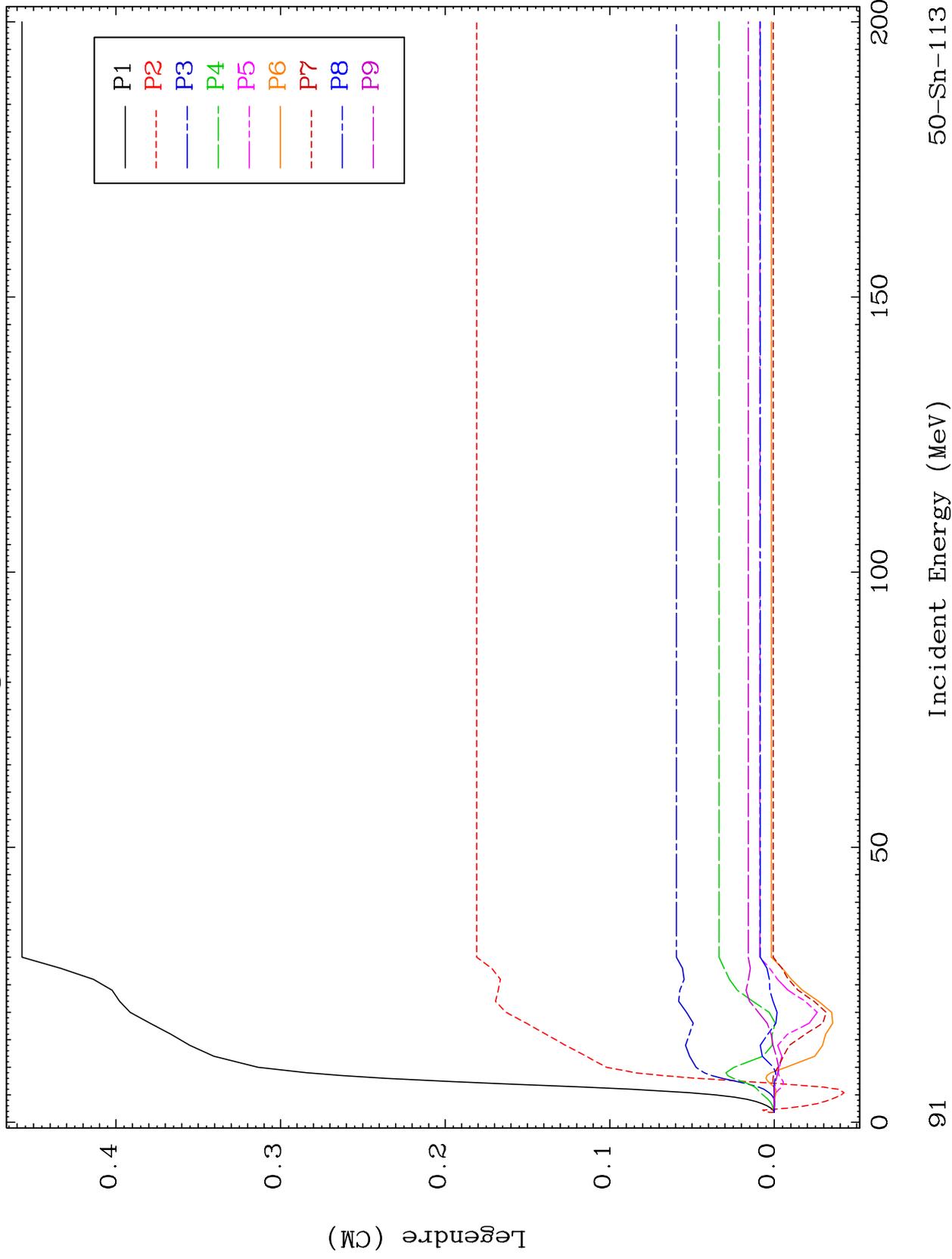
50-Sn-113



MAT 5028

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

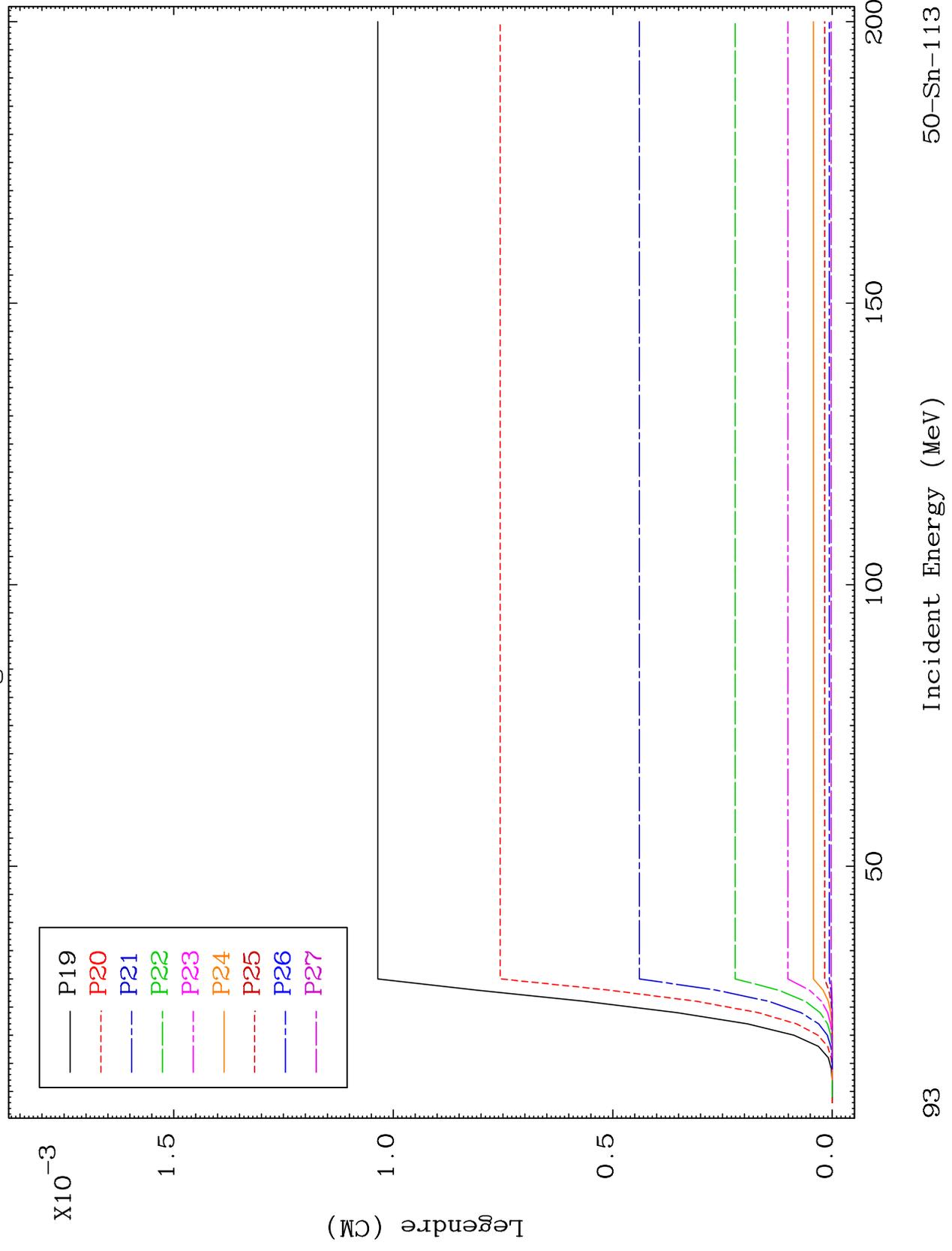
50-Sn-113



50-Sn-113

Incident Energy (MeV)

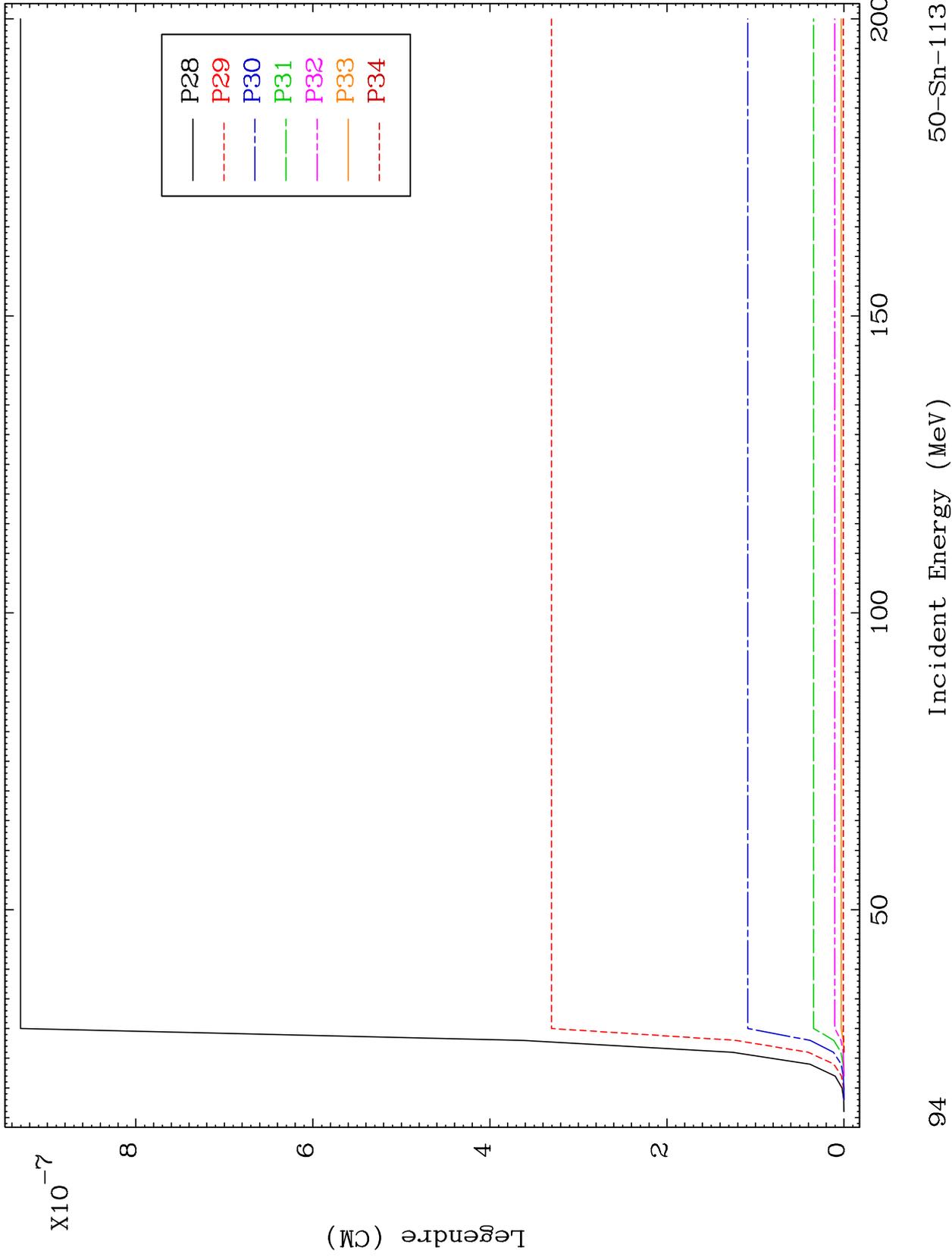
91



MAT 5028

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

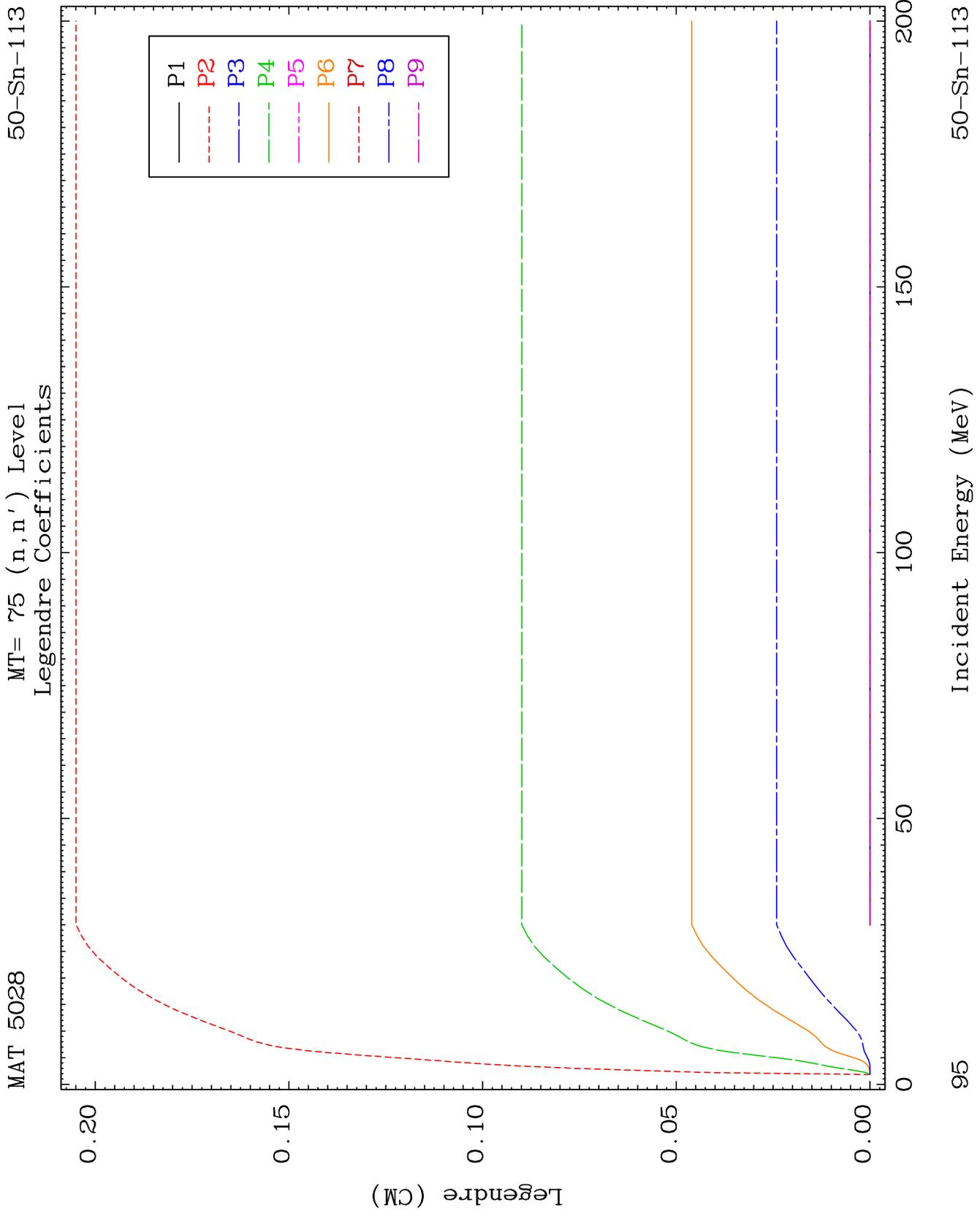
50-Sn-113



94

Incident Energy (MeV)

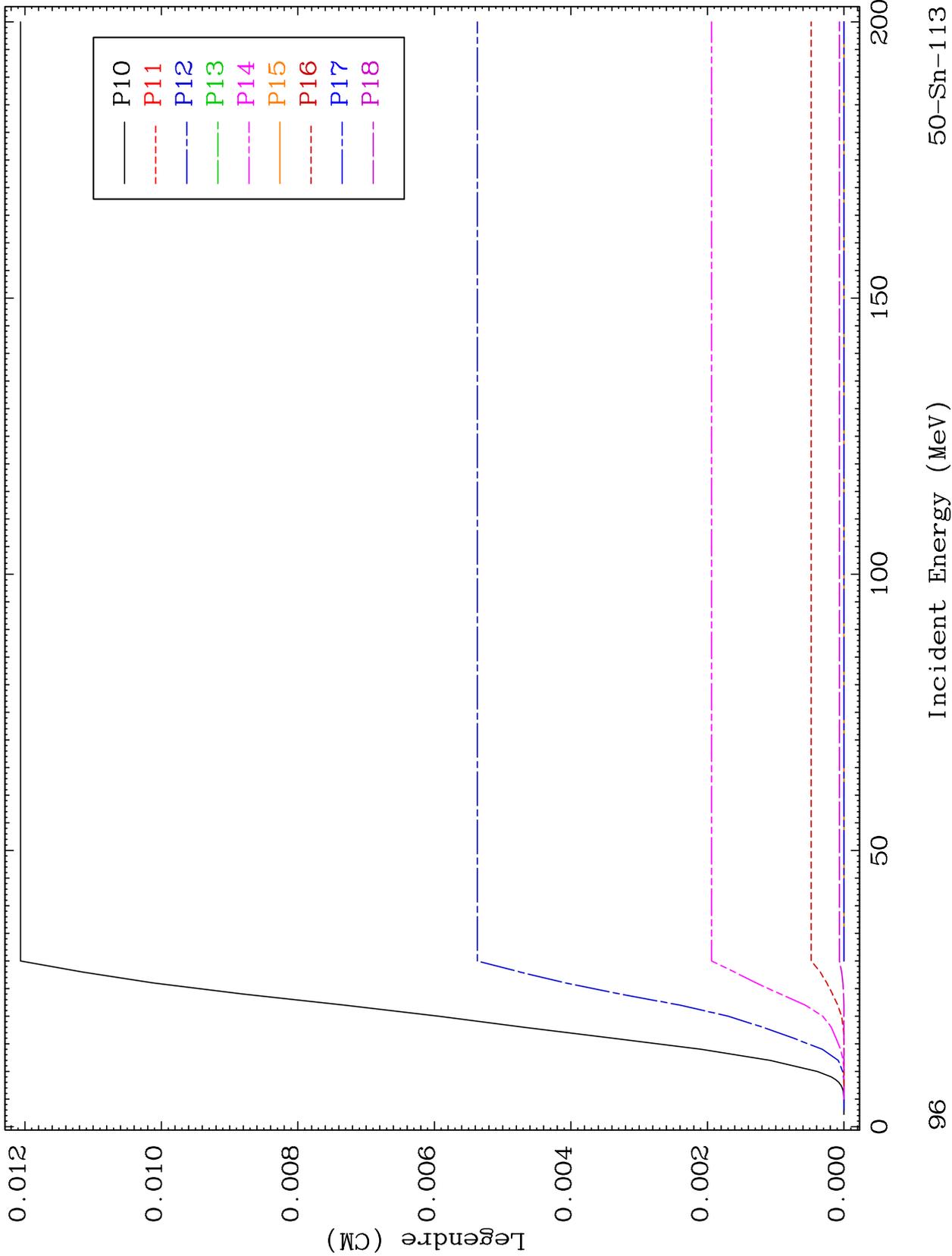
50-Sn-113



MAT 5028

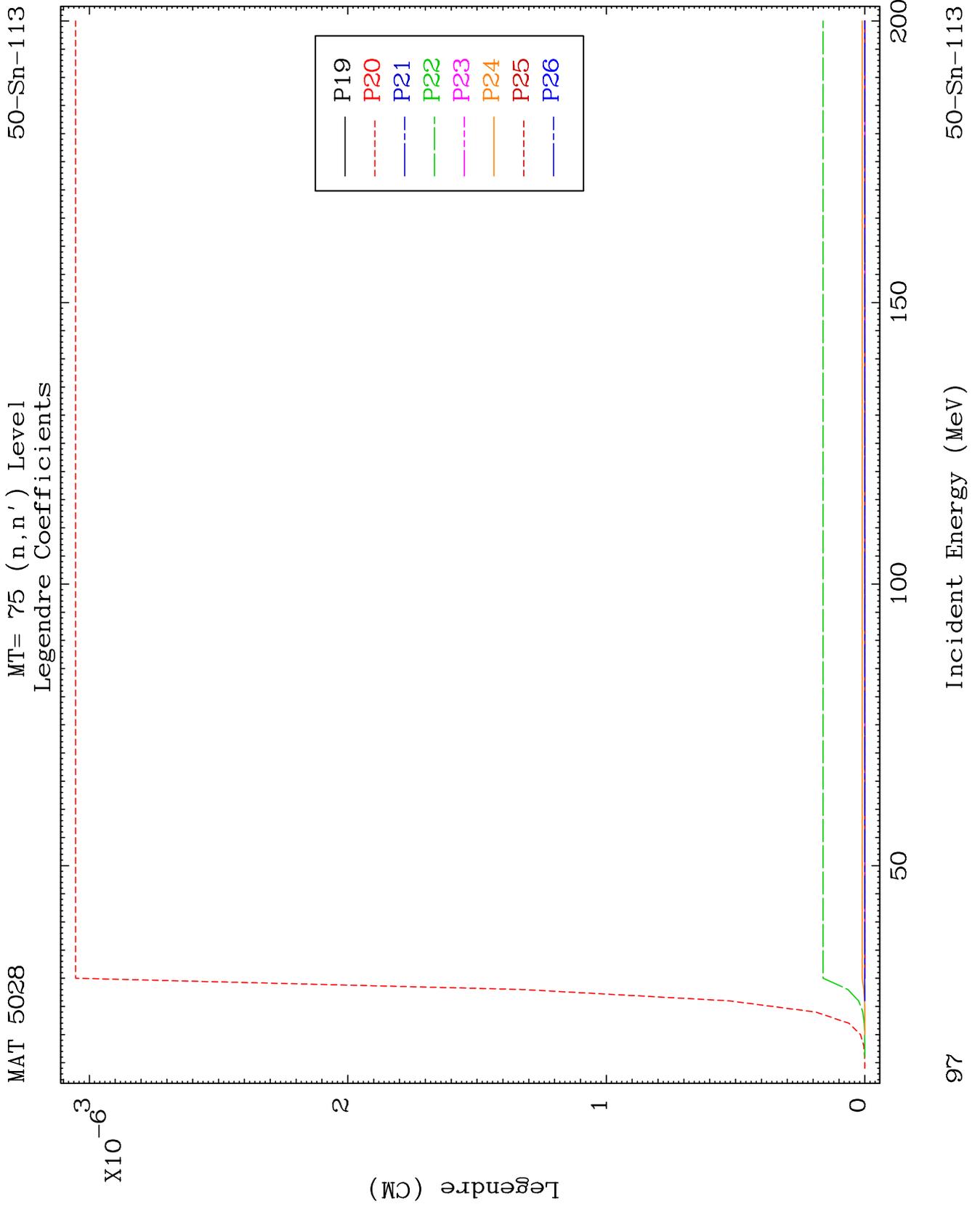
MT= 75 (n,n') Level
Legendre Coefficients

50-Sn-113



96

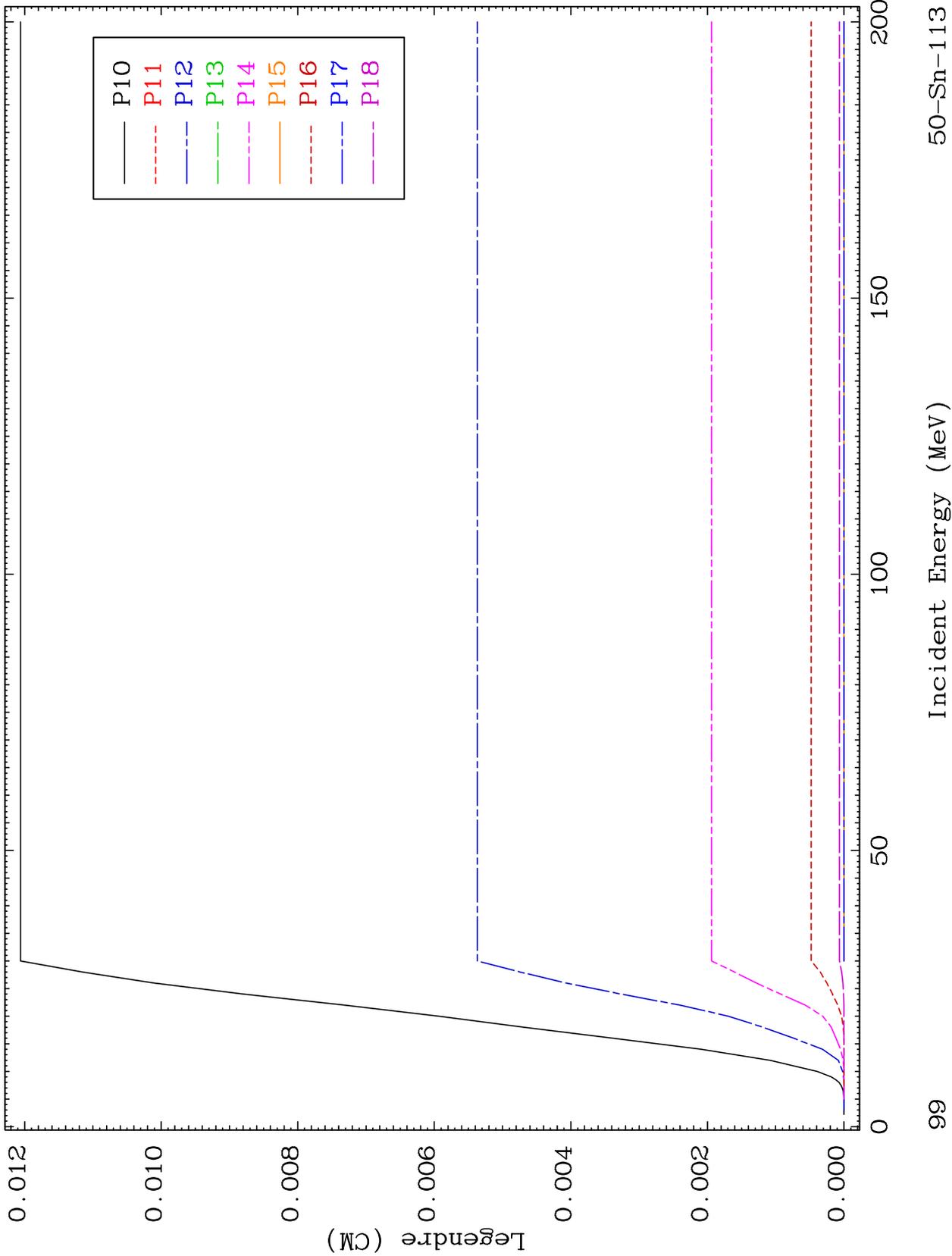
50-Sn-113



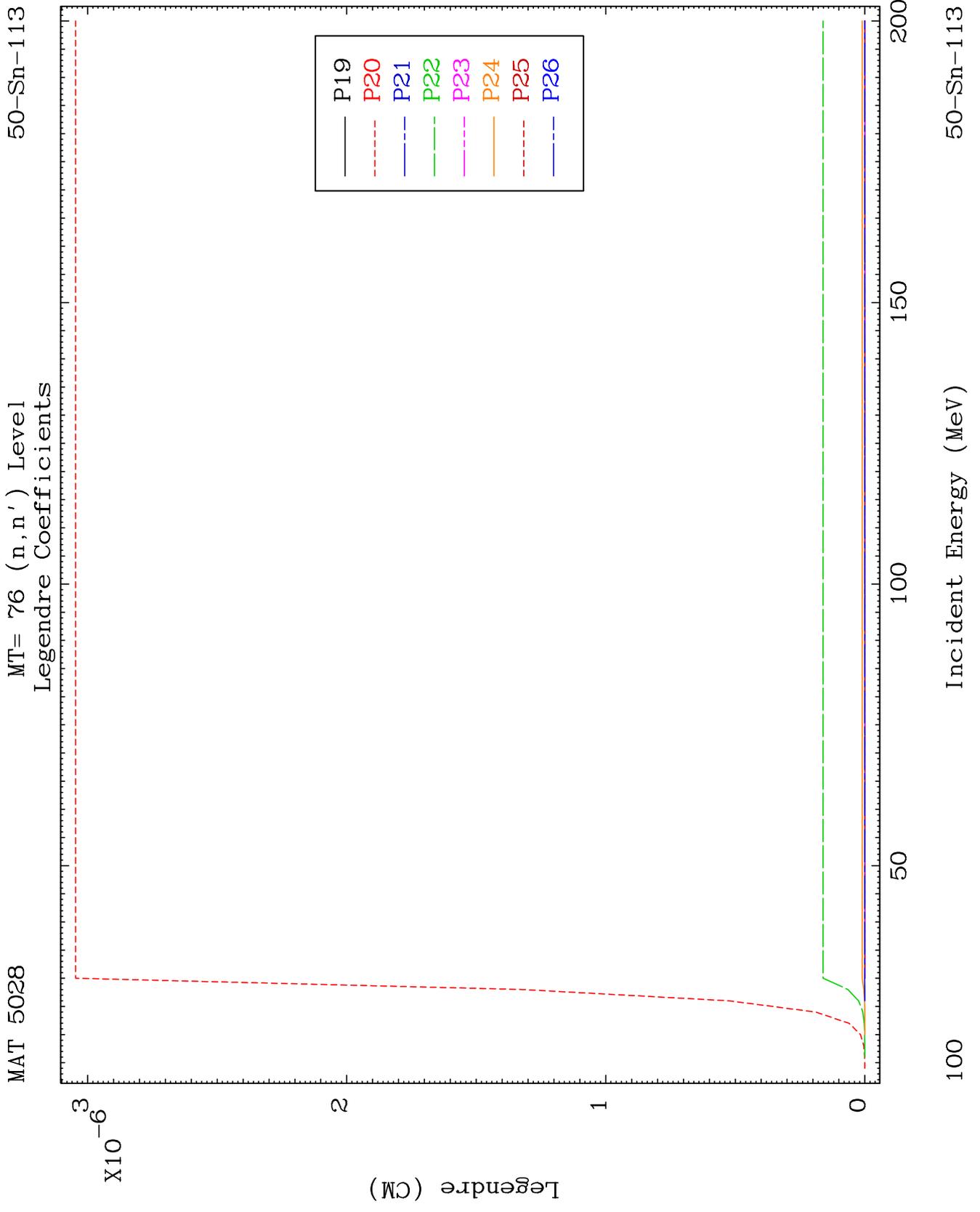
MAT 5028

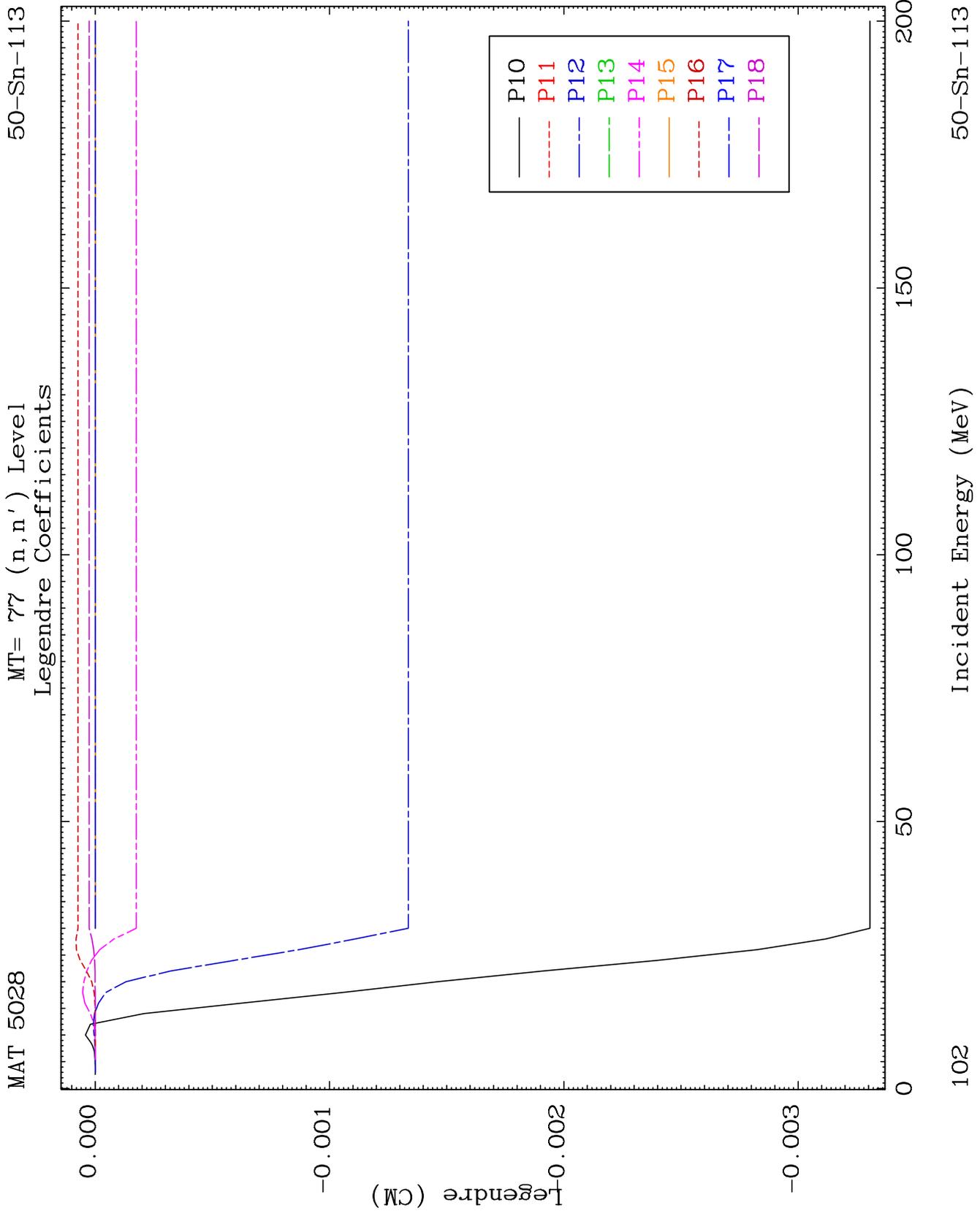
MT= 76 (n,n') Level
Legendre Coefficients

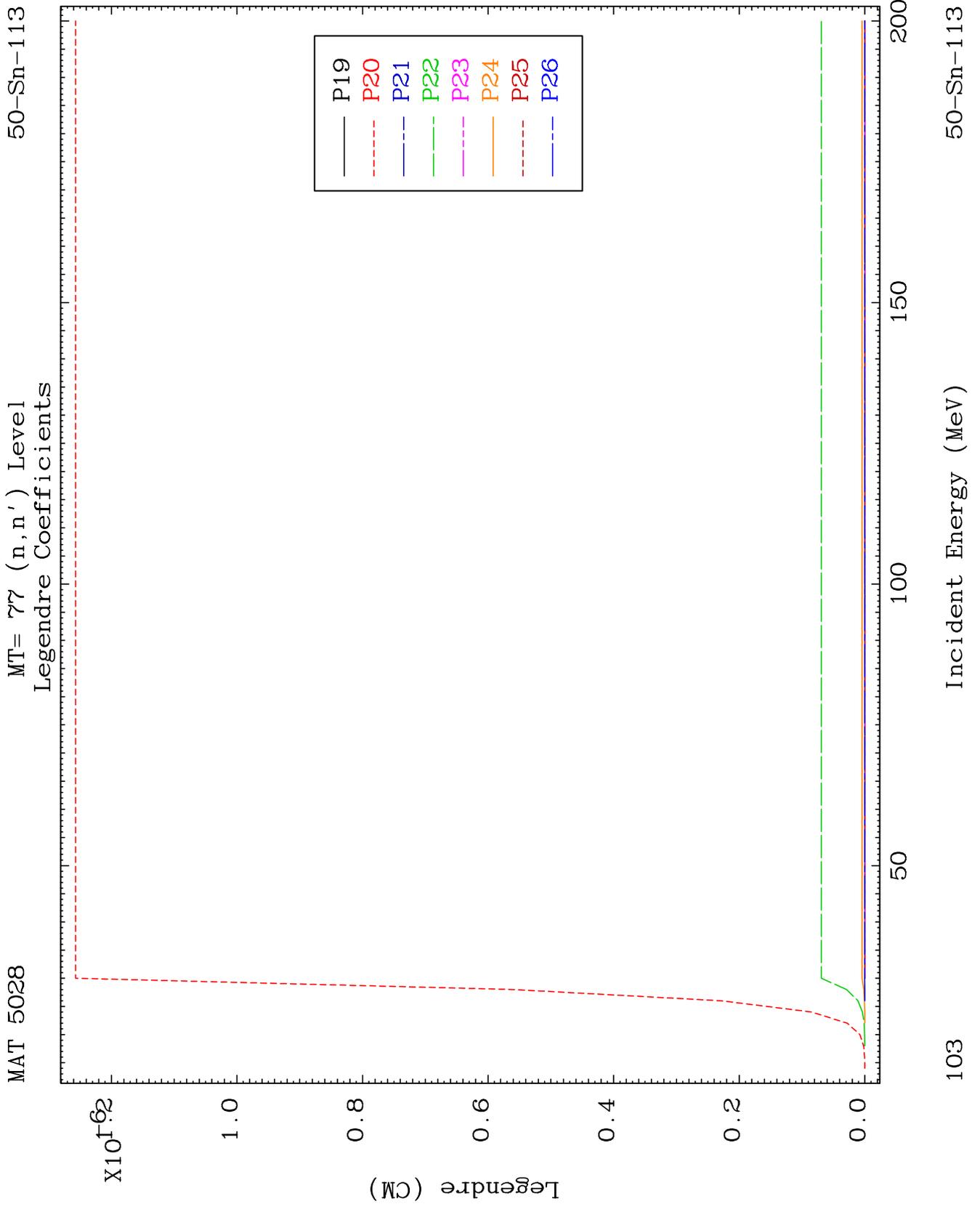
50-Sn-113

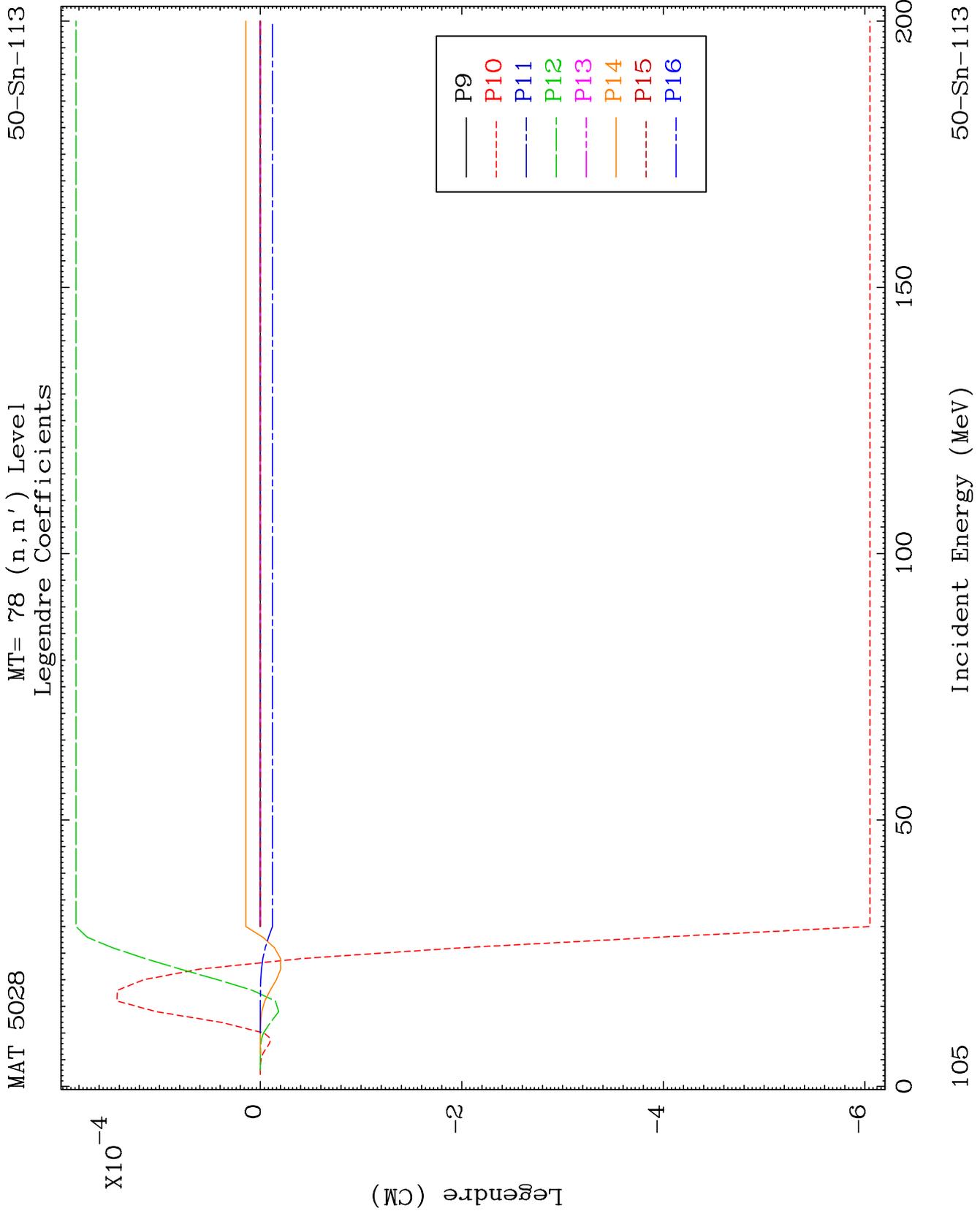


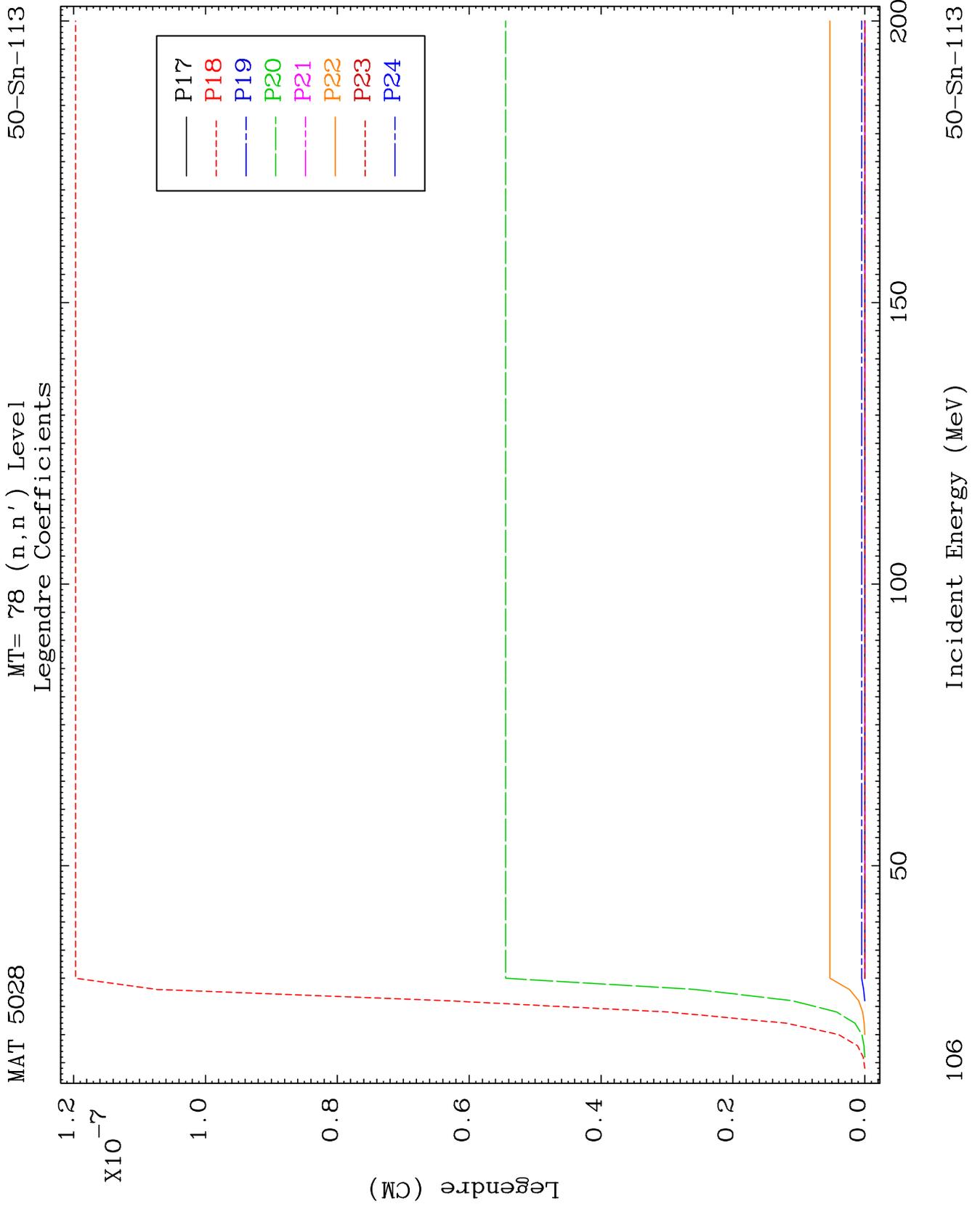
99

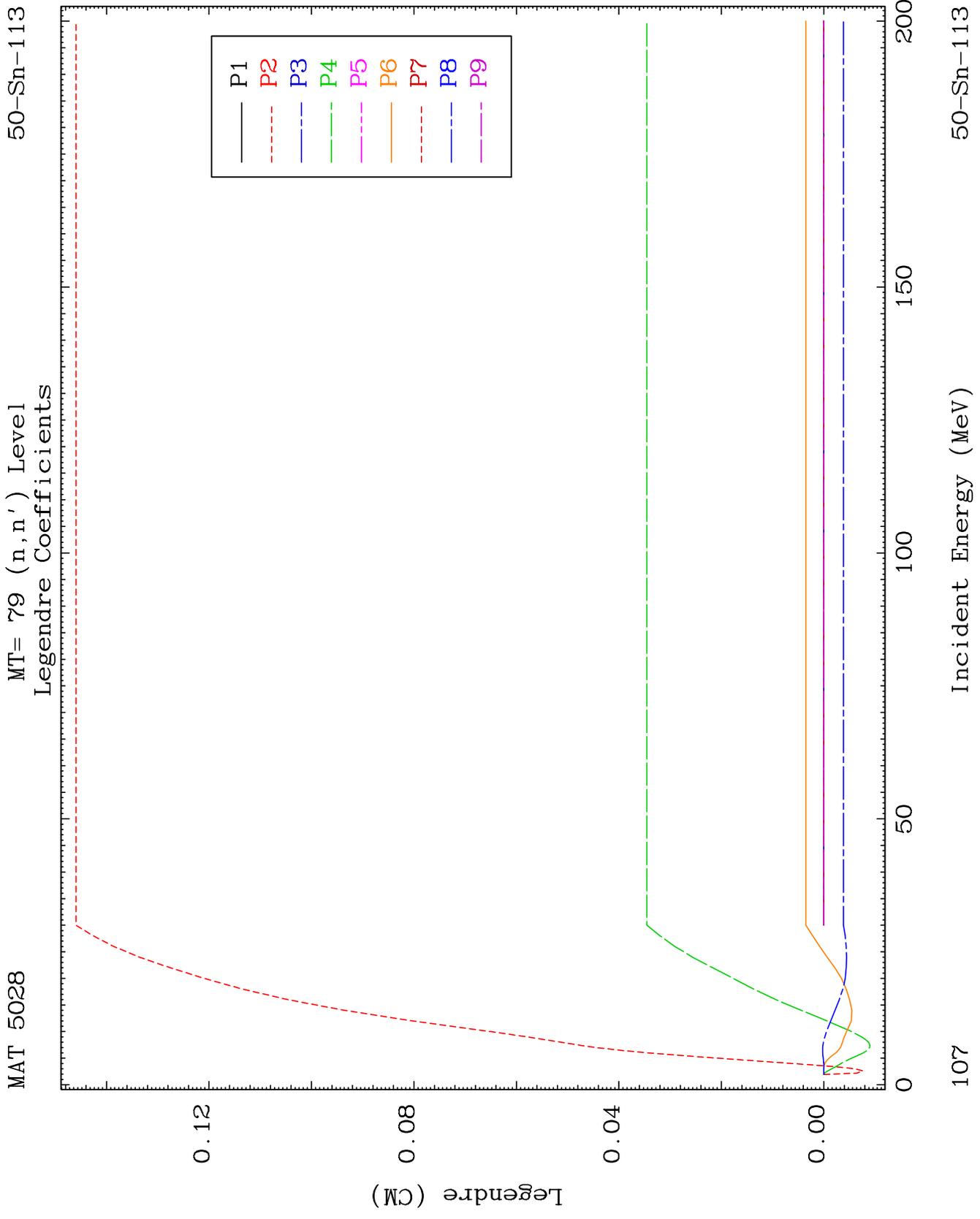


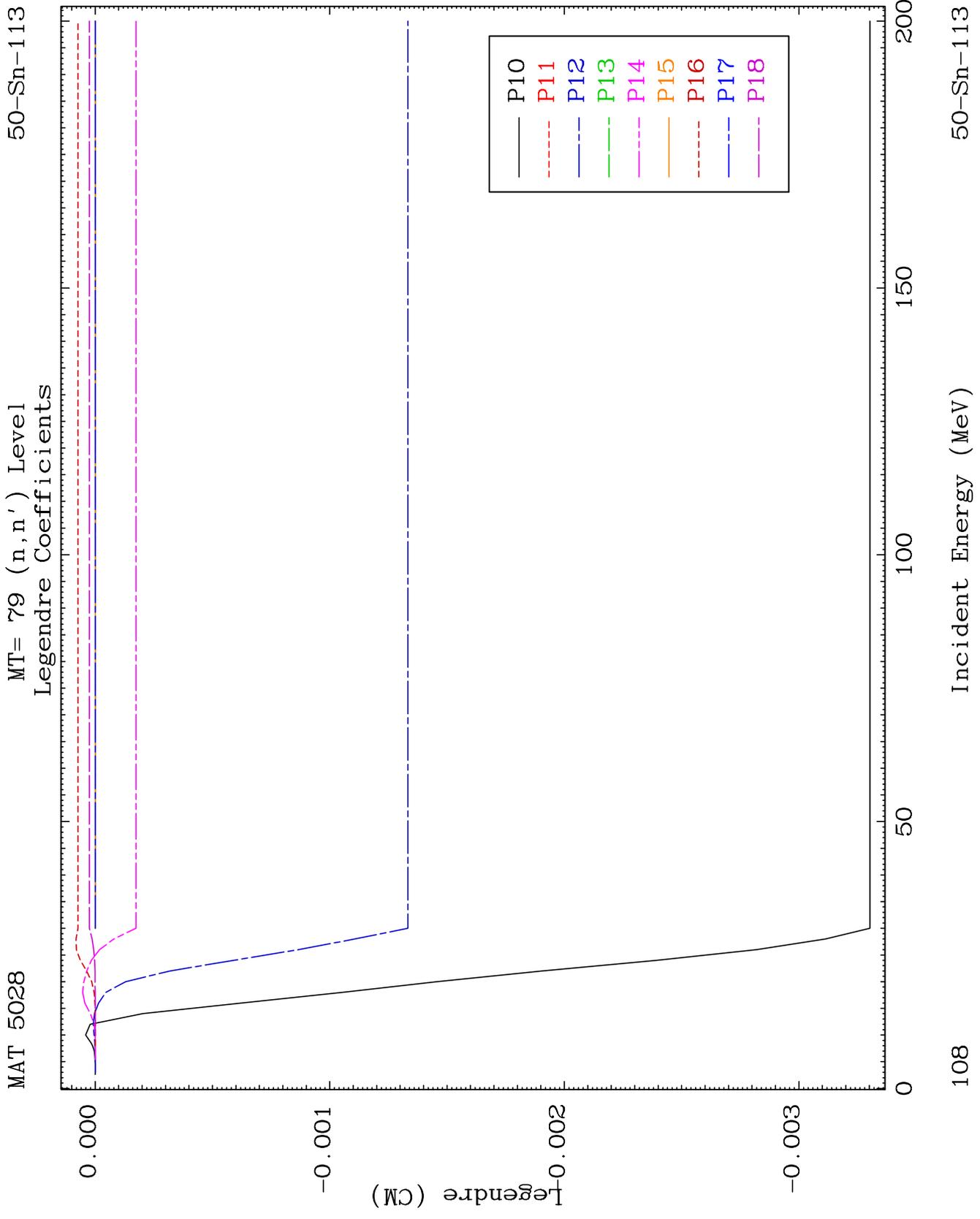


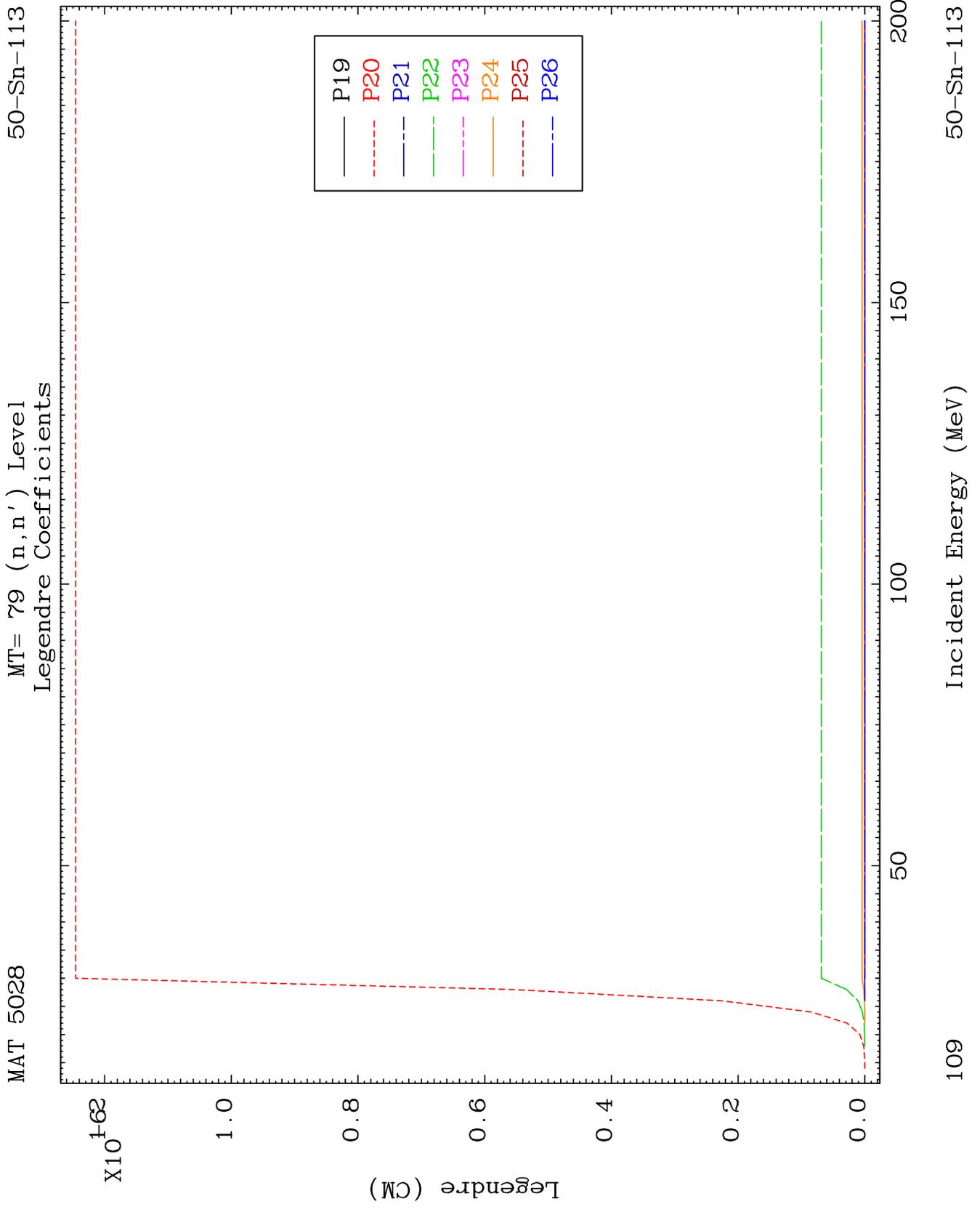








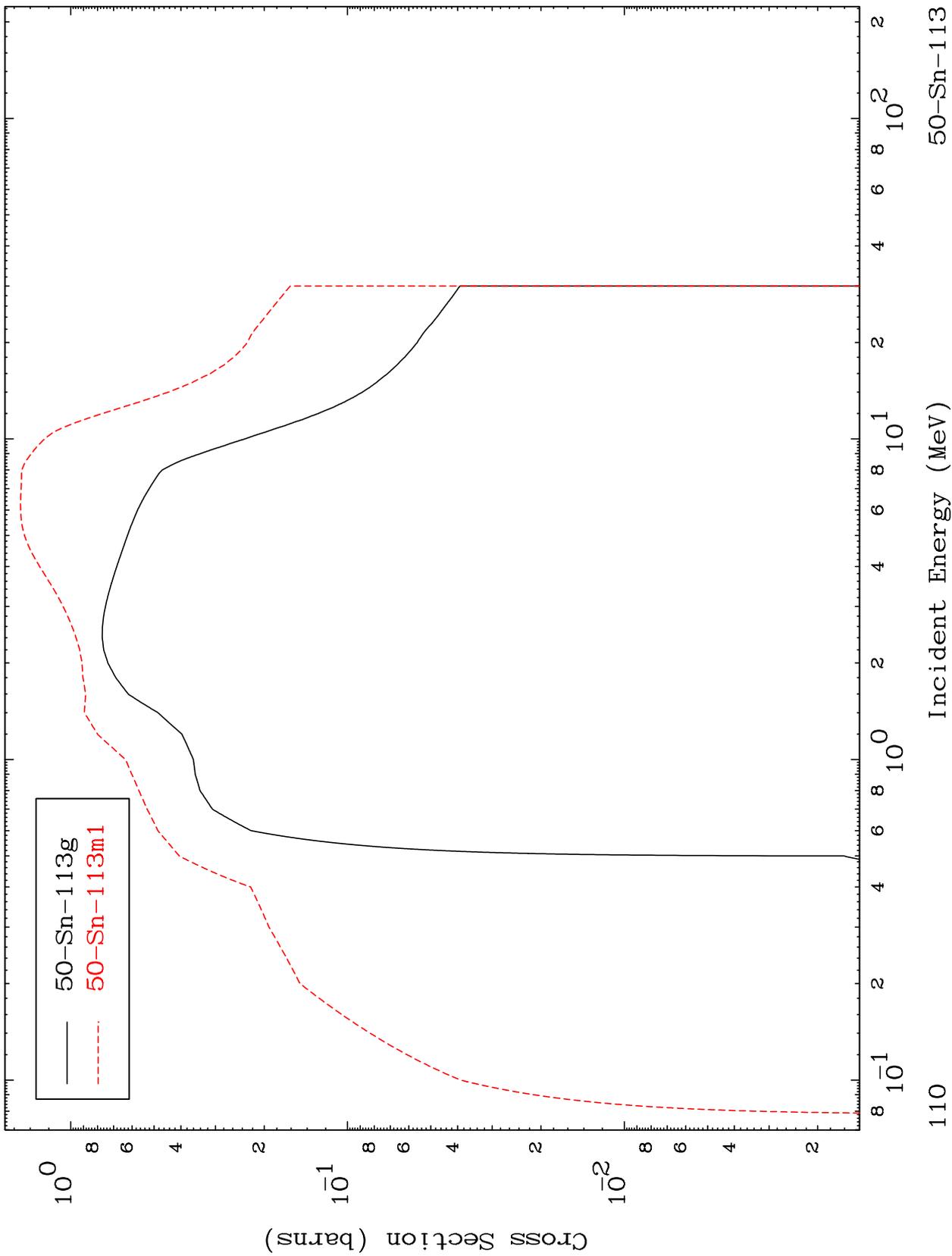




MAT 5028

50-Sn-113

Inelastic
Radionuclide Production Cross Section



50-Sn-113

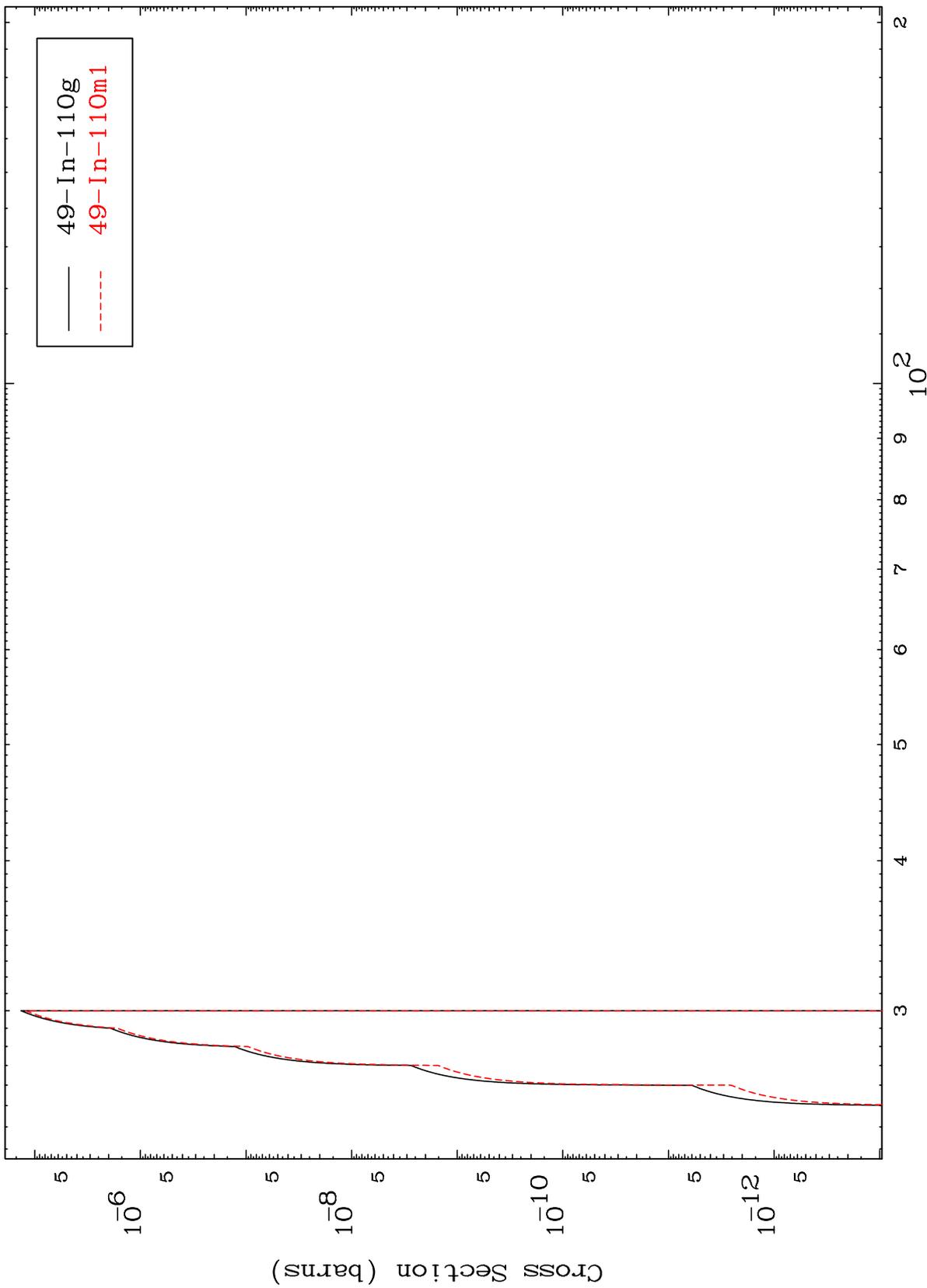
Incident Energy (MeV)

110

MAT 5028

50-Sn-113

(n,2n) d
Radionuclide Production Cross Section



111

50-Sn-113

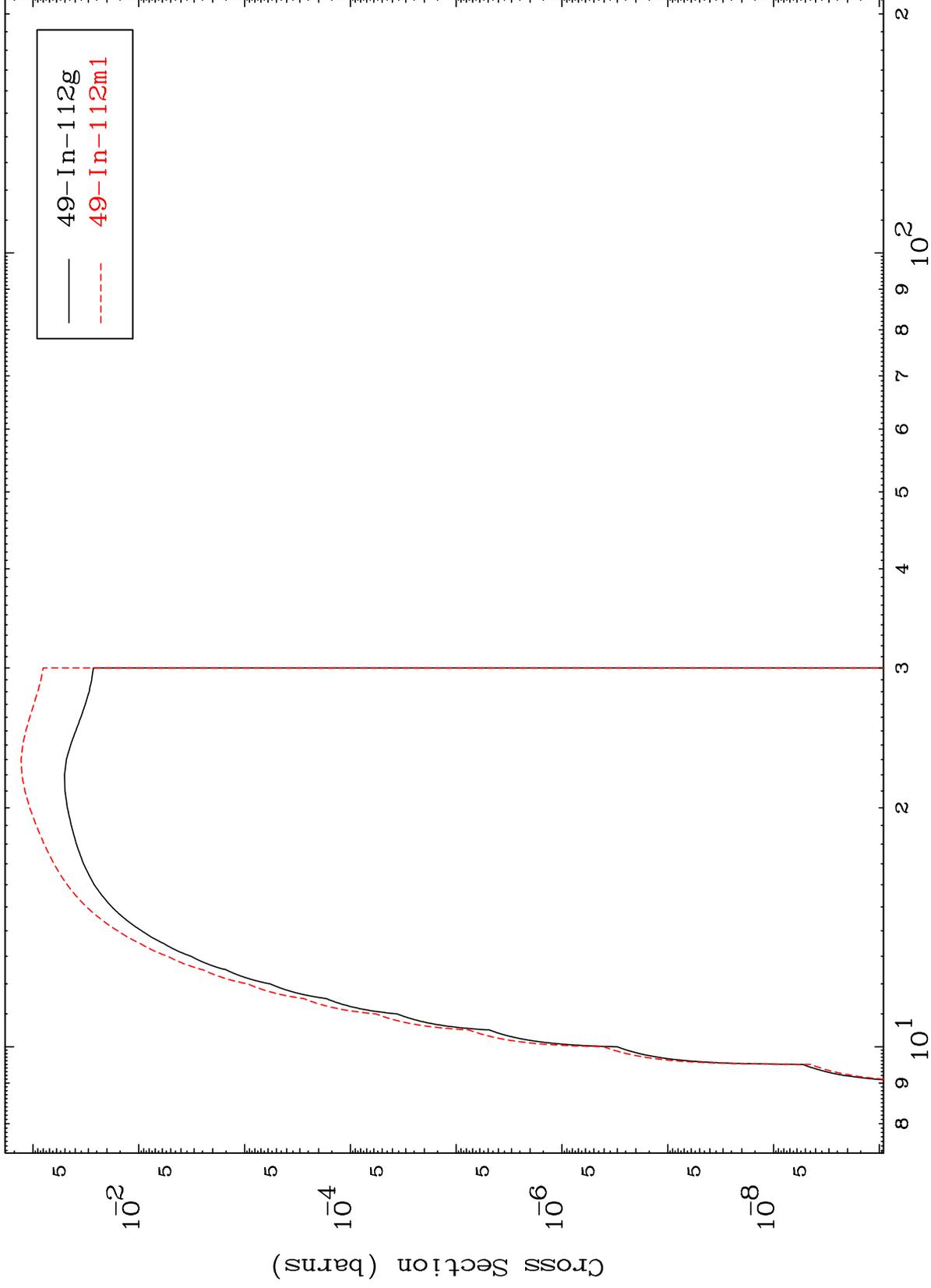
Incident Energy (MeV)

MAT 5028

(n,n') p

50-Sn-113

Radionuclide Production Cross Section



112

Incident Energy (MeV)

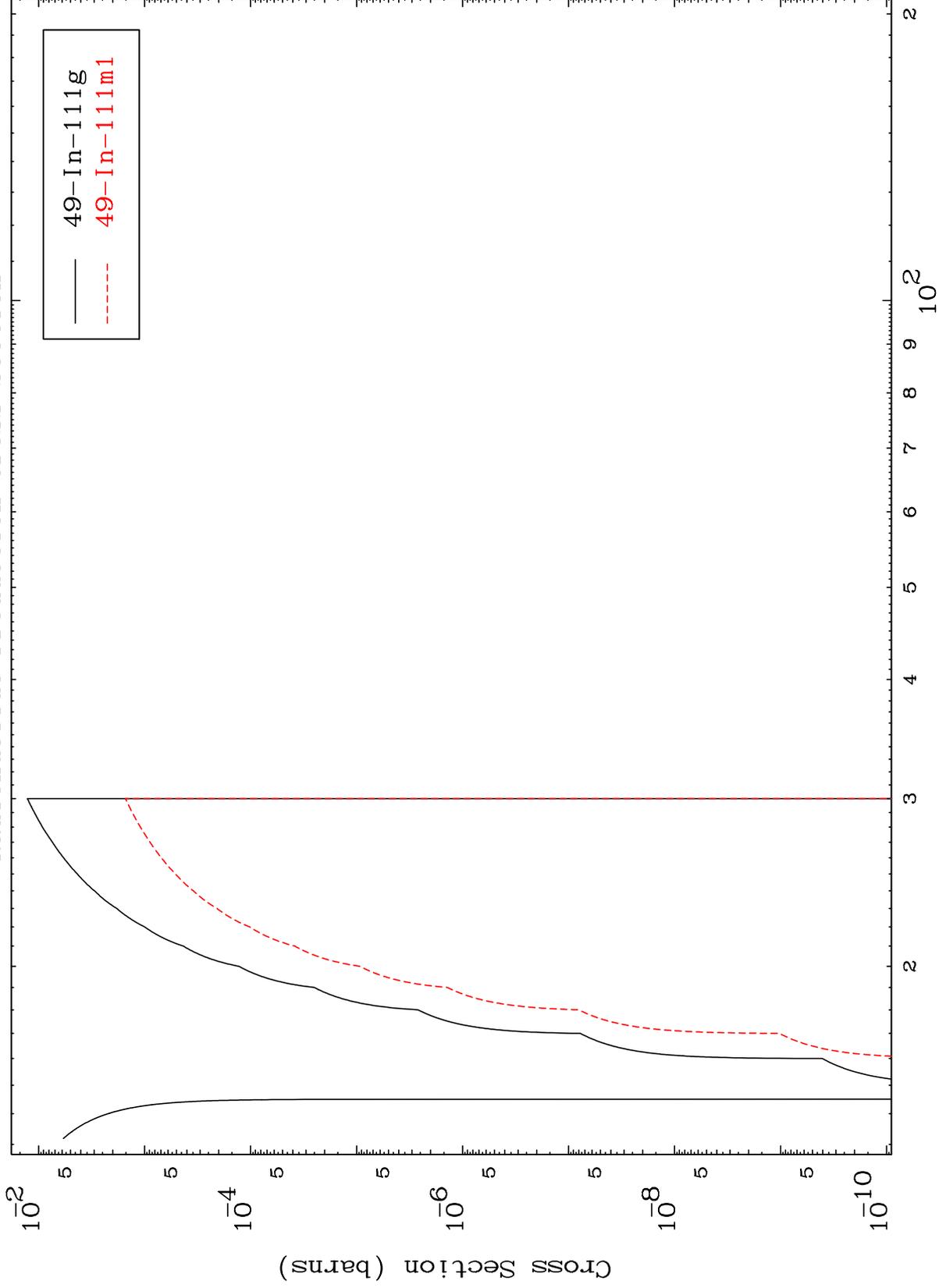
50-Sn-113

MAT 5028

(n,n') d

50-Sn-113

Radionuclide Production Cross Section

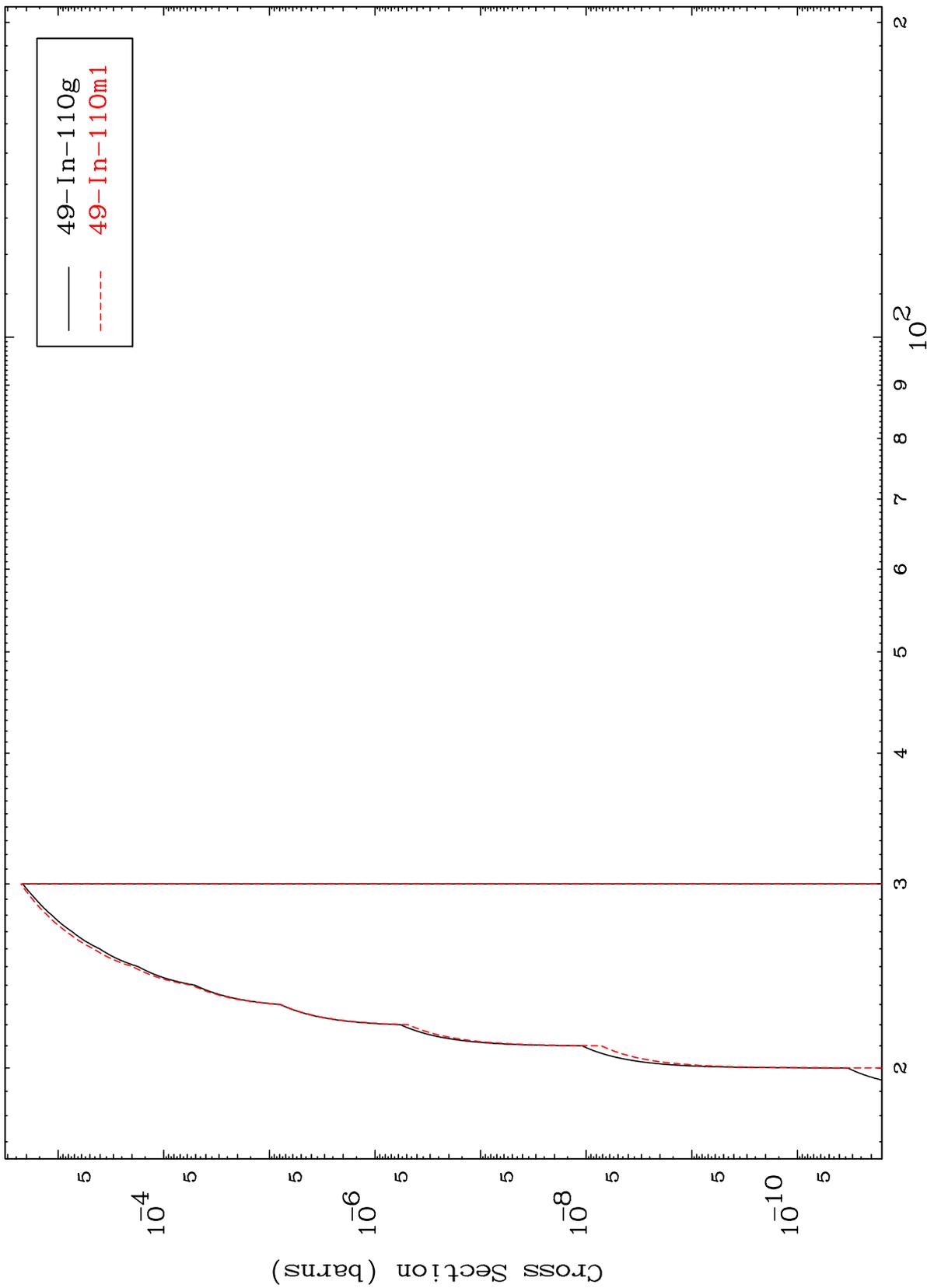


113

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section

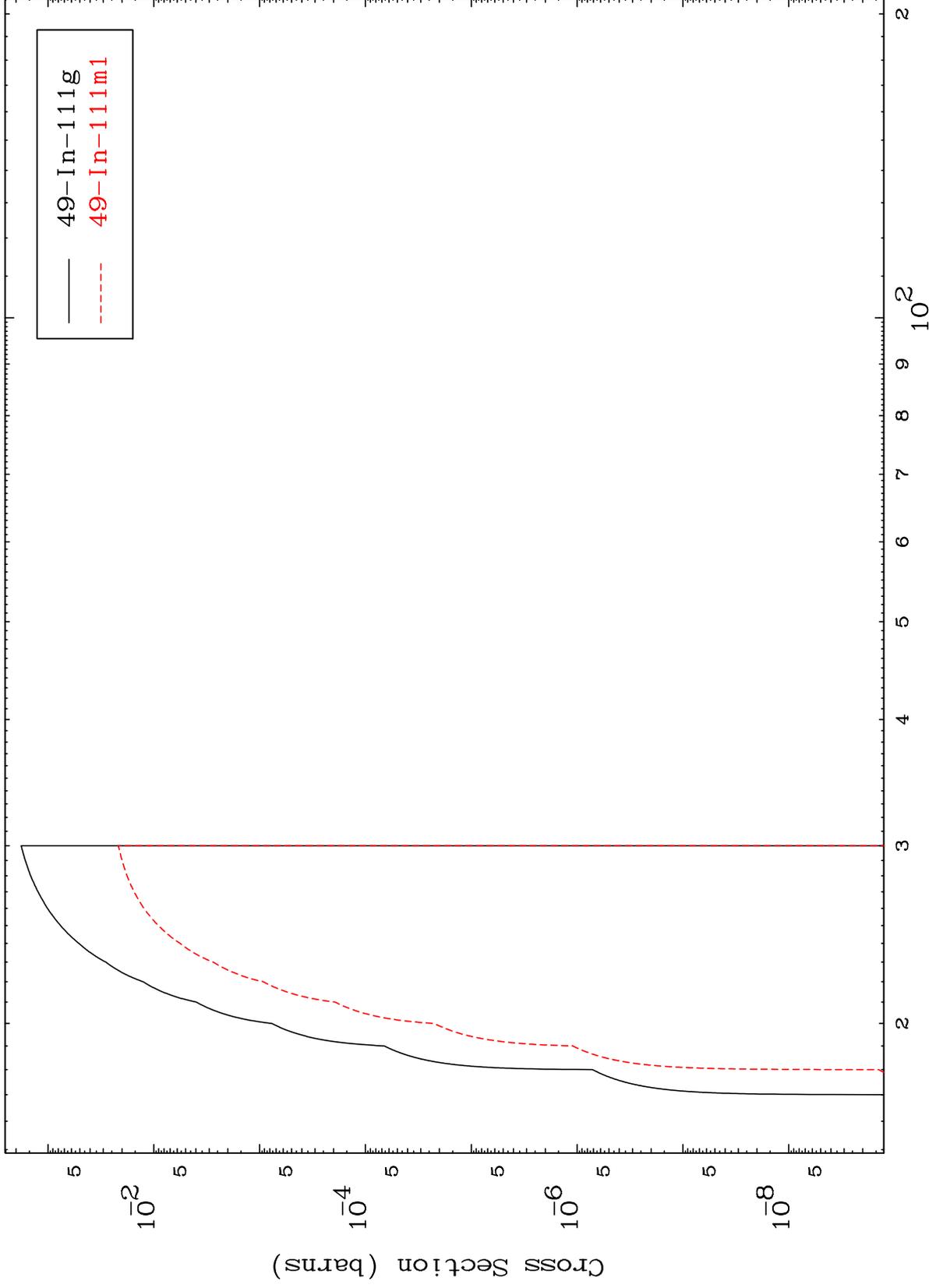


MAT 5028

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



115

Incident Energy (MeV)

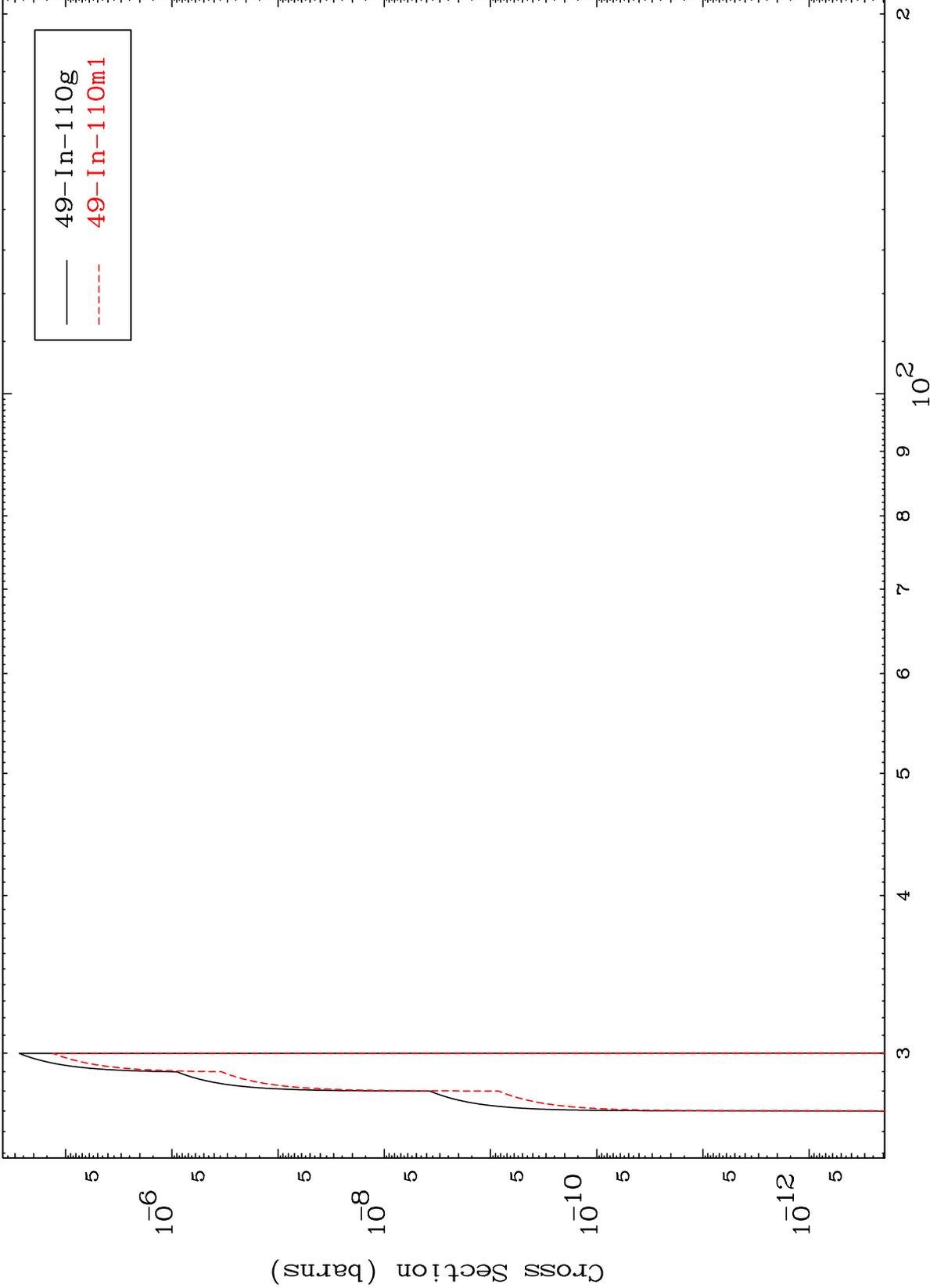
50-Sn-113

MAT 5028

(n,3n) p

50-Sn-113

Radionuclide Production Cross Section



116

Incident Energy (MeV)

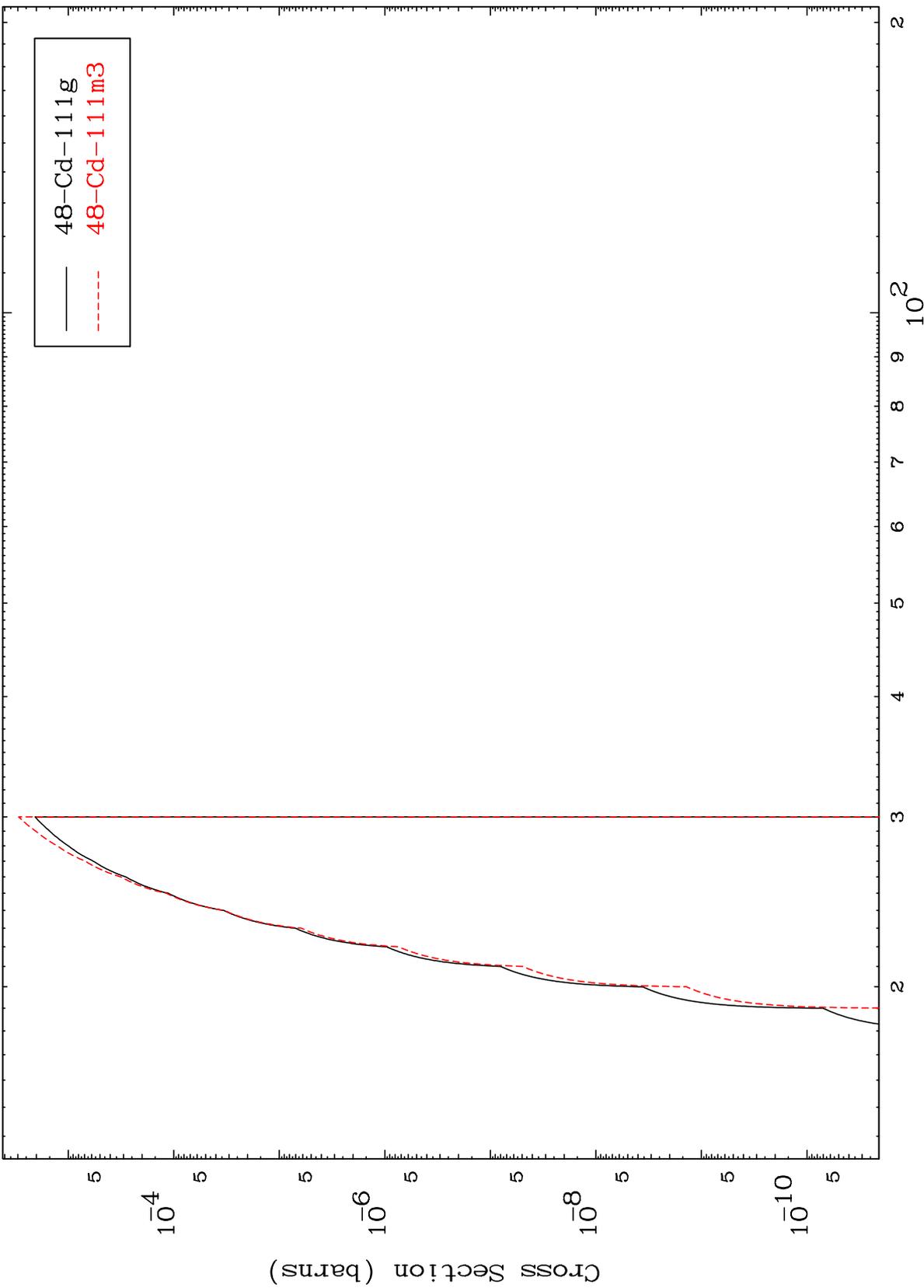
50-Sn-113

MAT 5028

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



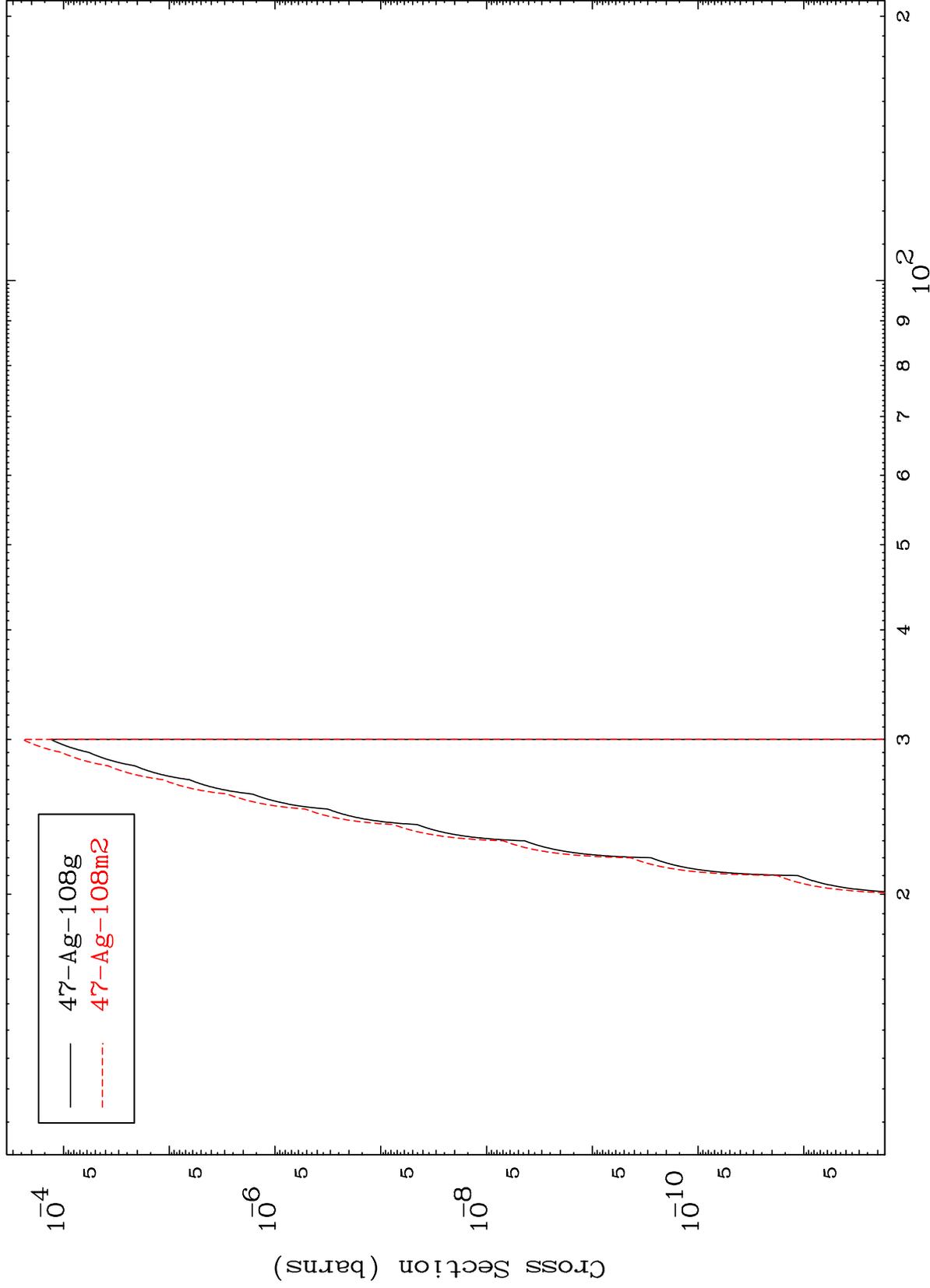
48-Cd-111g
48-Cd-111m3

117

Incident Energy (MeV)

50-Sn-113

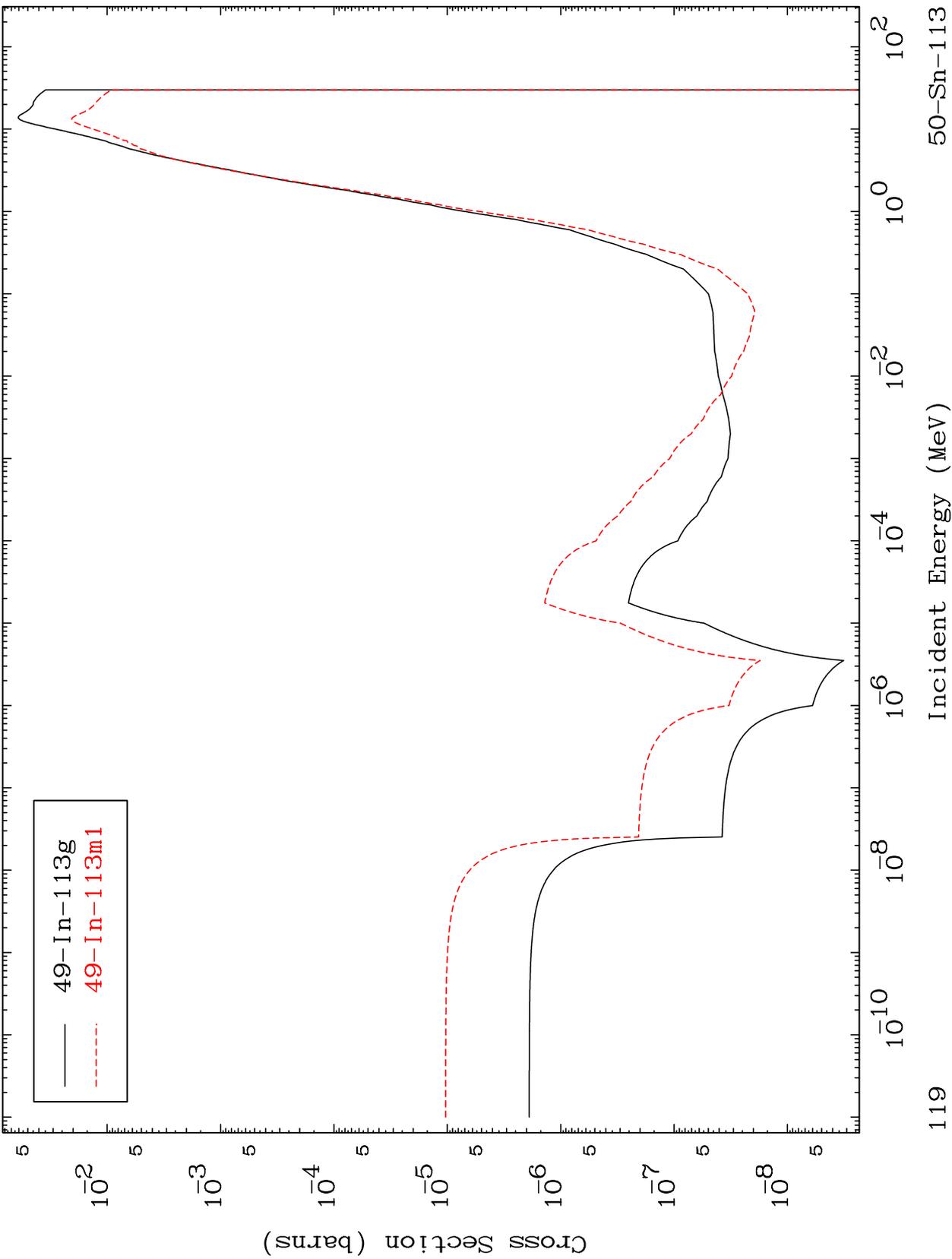
Radionuclide Production Cross Section



MAT 5028

50-Sn-113

(n,p)
Radionuclide Production Cross Section

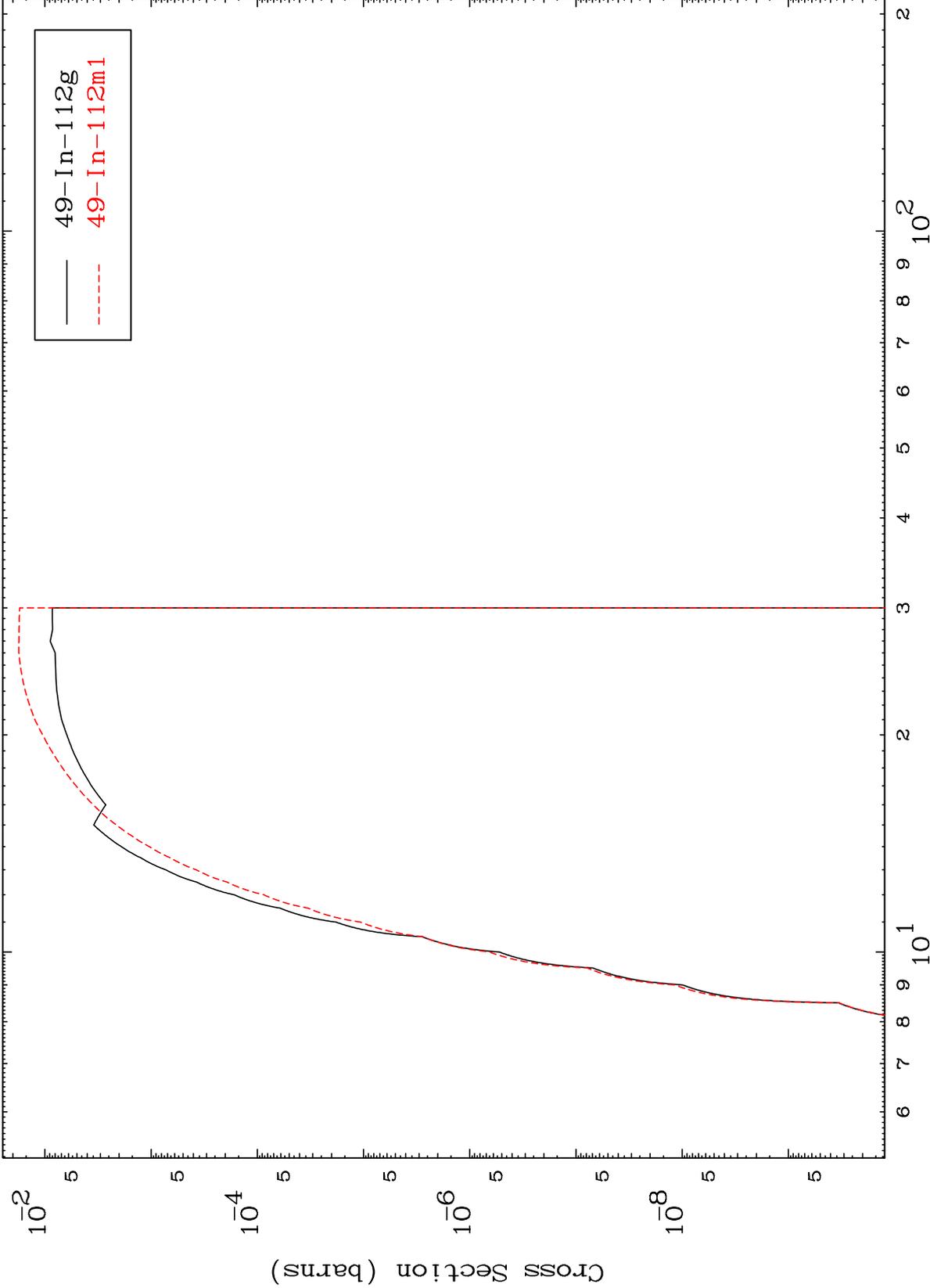


— 49-In-113g
- - - 49-In-113m1

MAT 5028

50-Sn-113

(n,d)
Radionuclide Production Cross Section



120

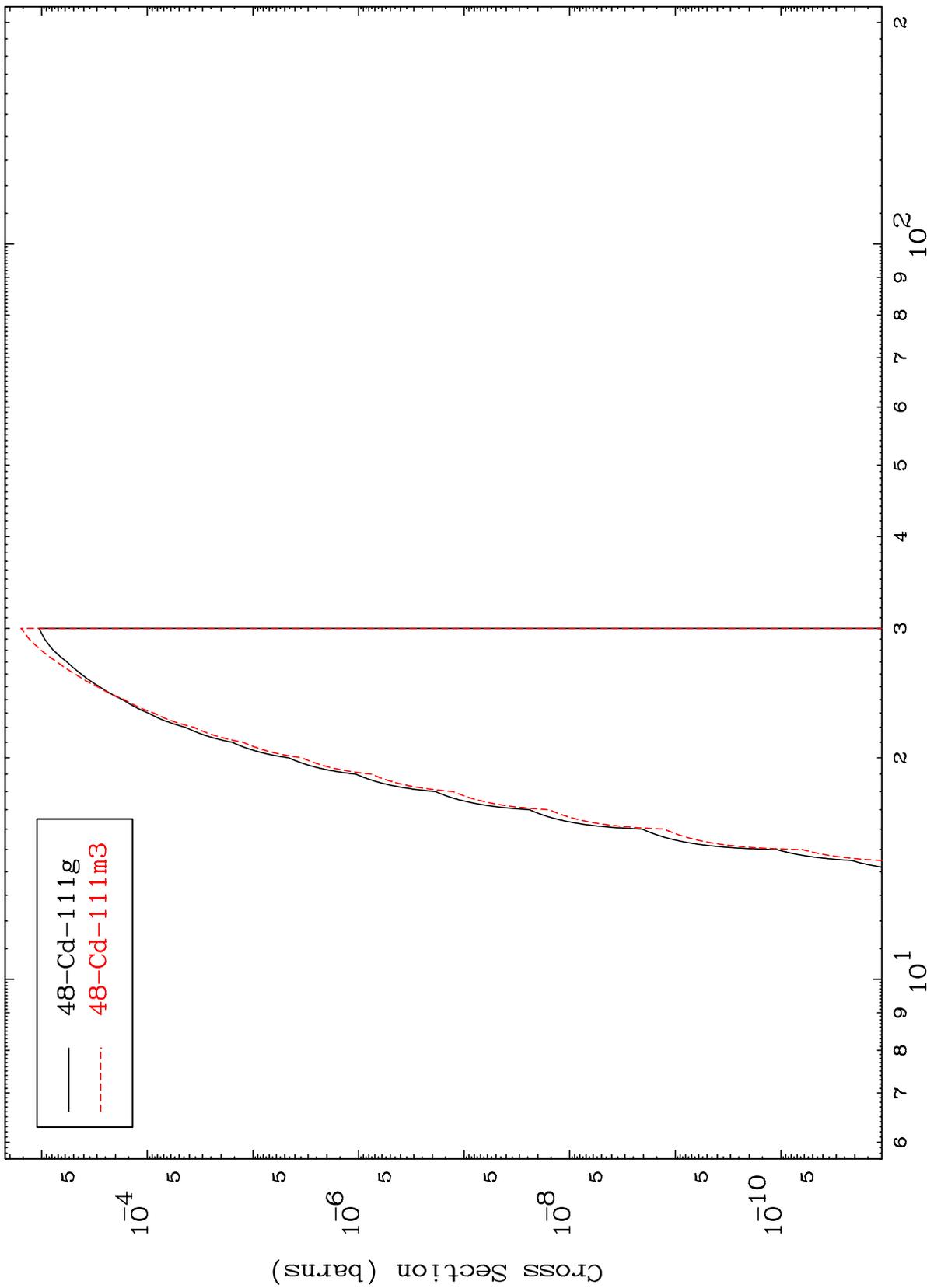
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

Radionuclide Production Cross Section
(n,He-3)



50-Sn-113

Incident Energy (MeV)

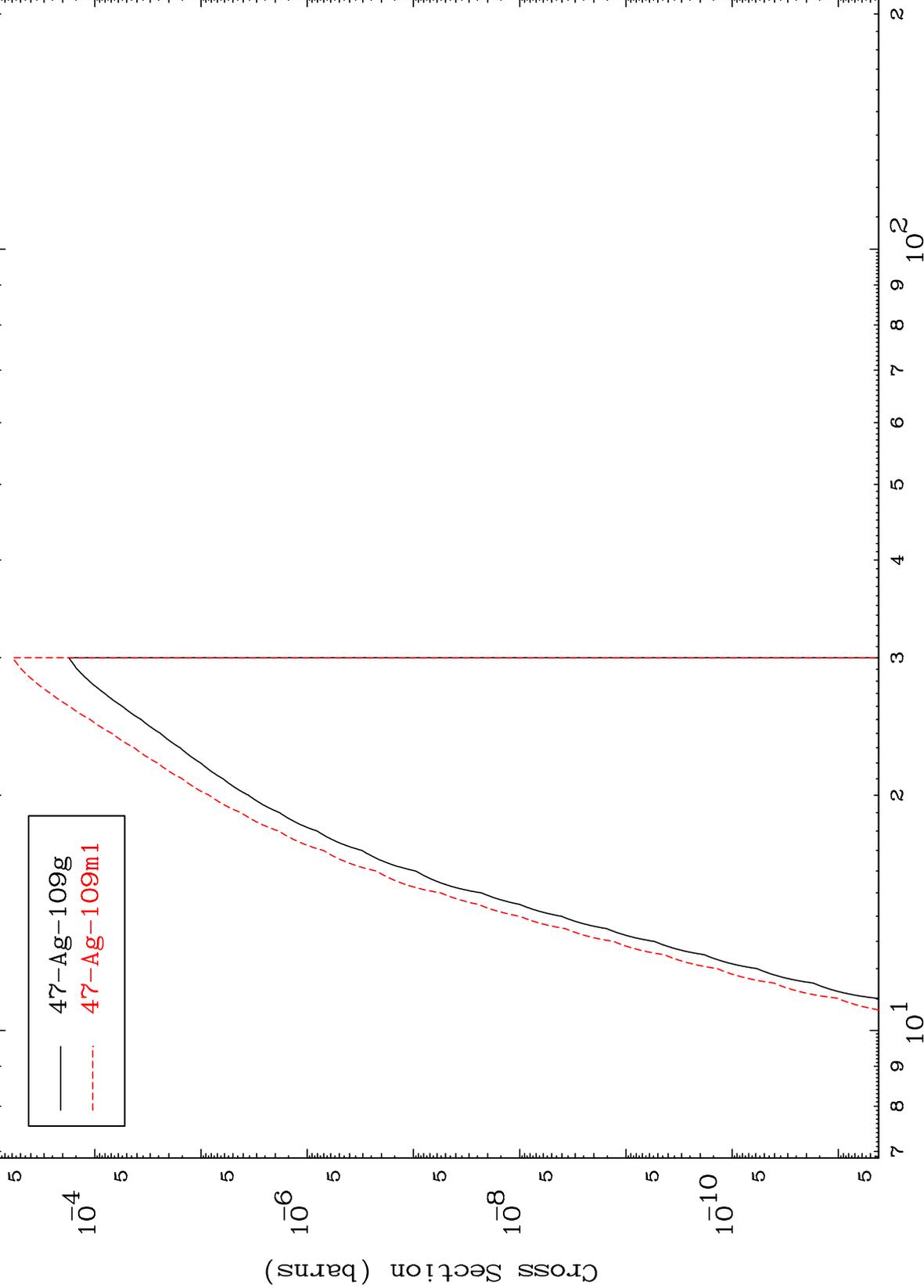
122

MAT 5028

(n,p) α

50-Sn-113

Radionuclide Production Cross Section

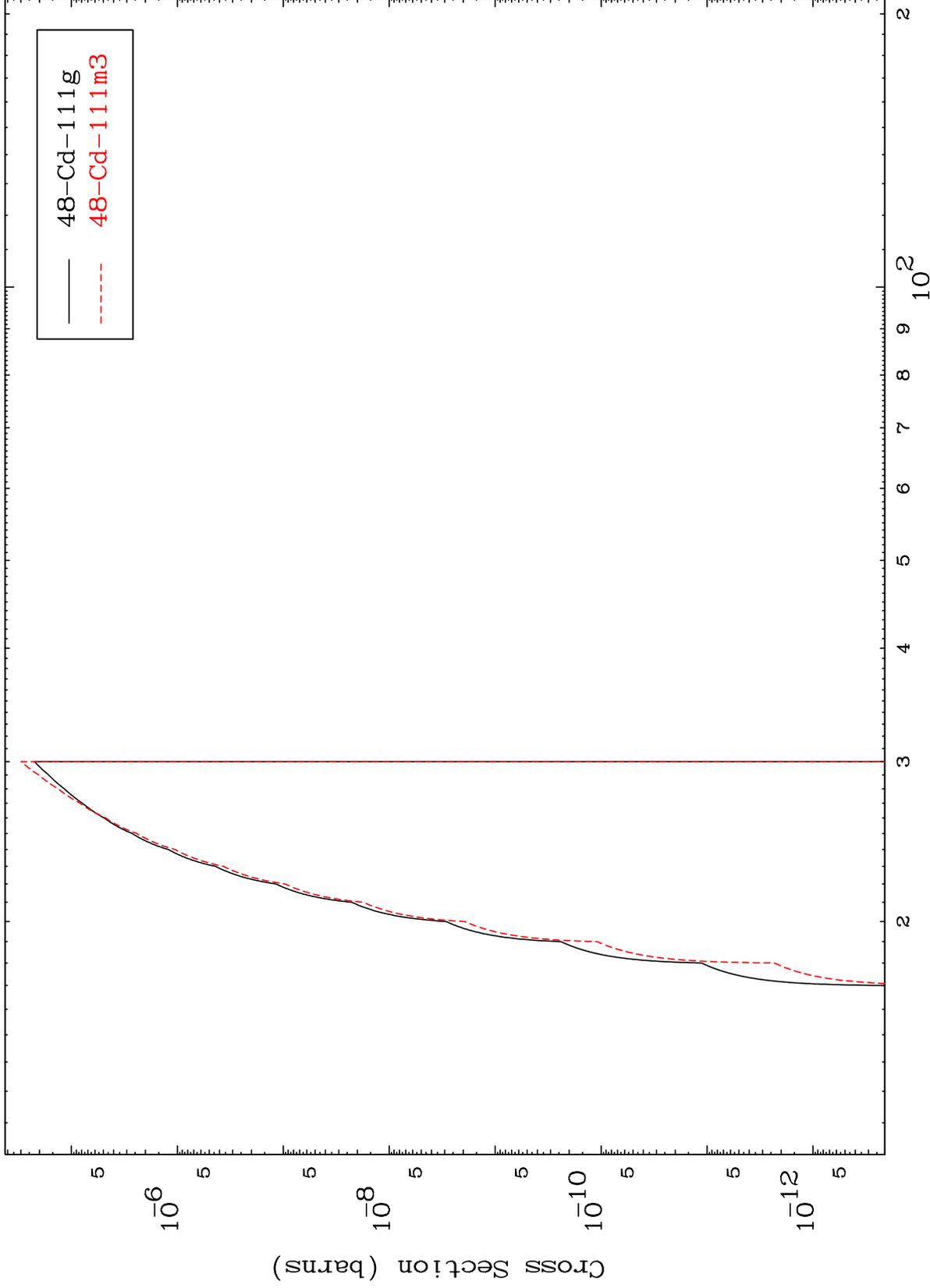


123

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section

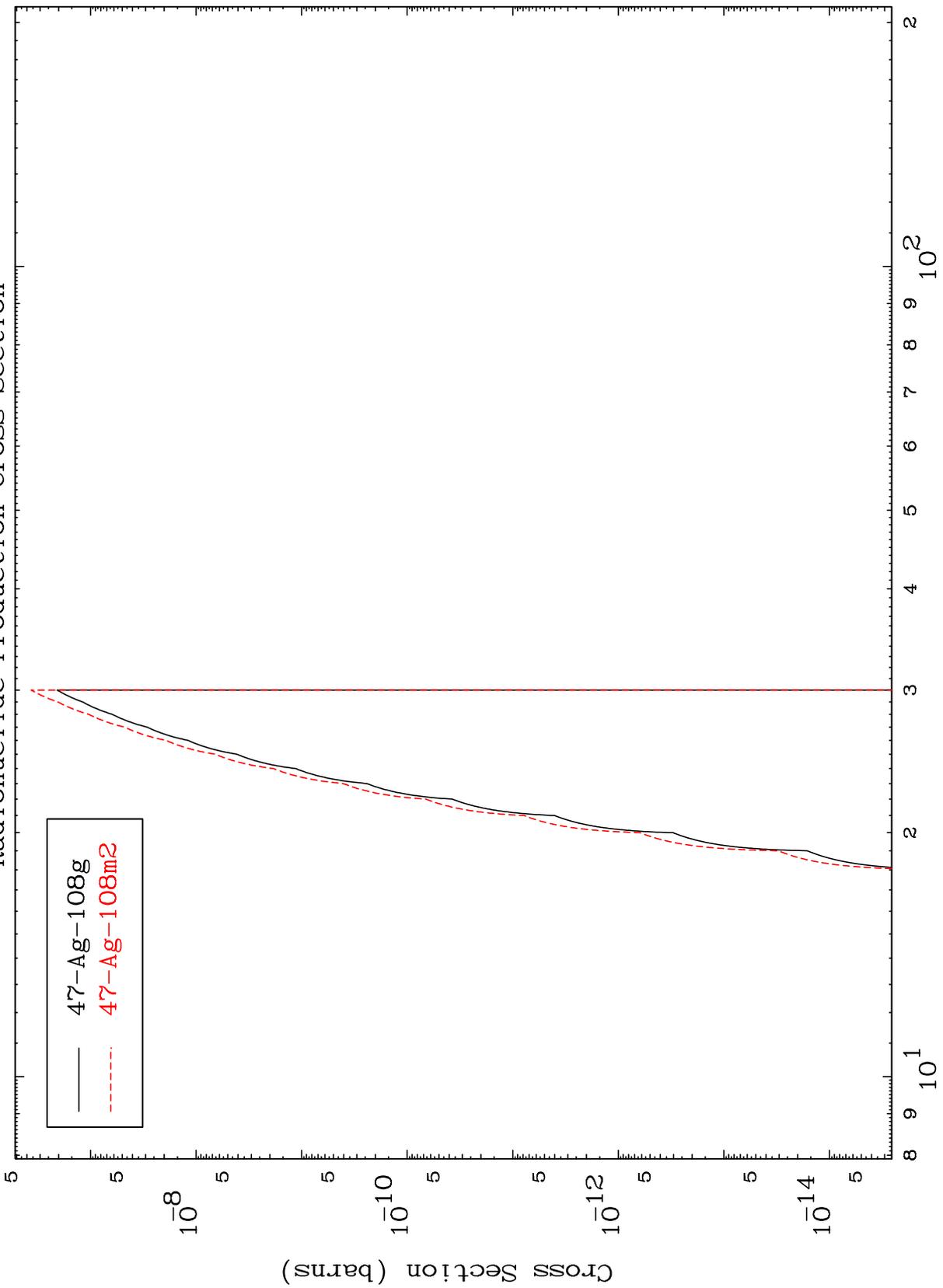


MAT 5028

50-Sn-113

(n,d) α

Radionuclide Production Cross Section



— 47-Ag-108g
- - - 47-Ag-108m2

50-Sn-113

Incident Energy (MeV)

125