

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

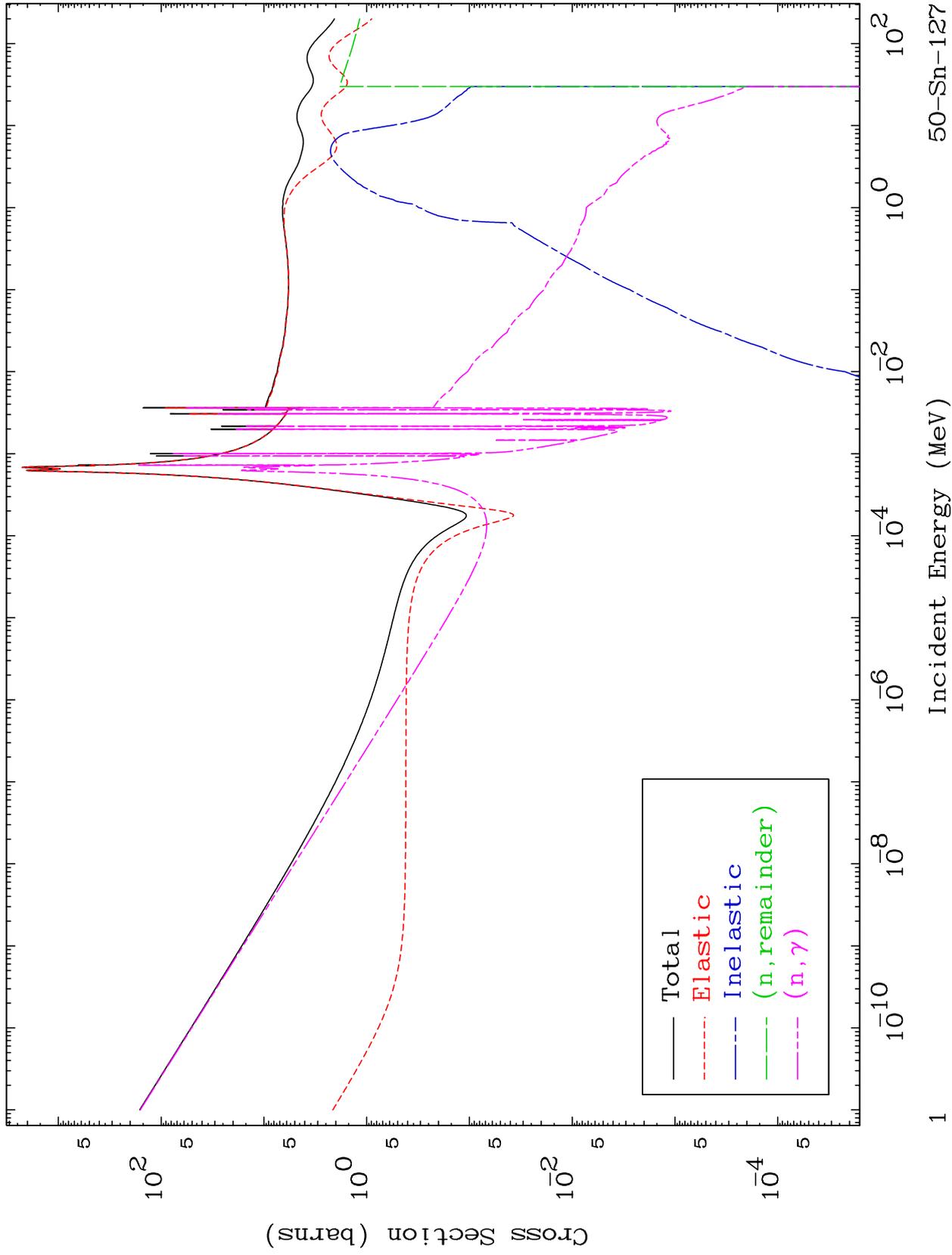
Press Mouse Button to Start

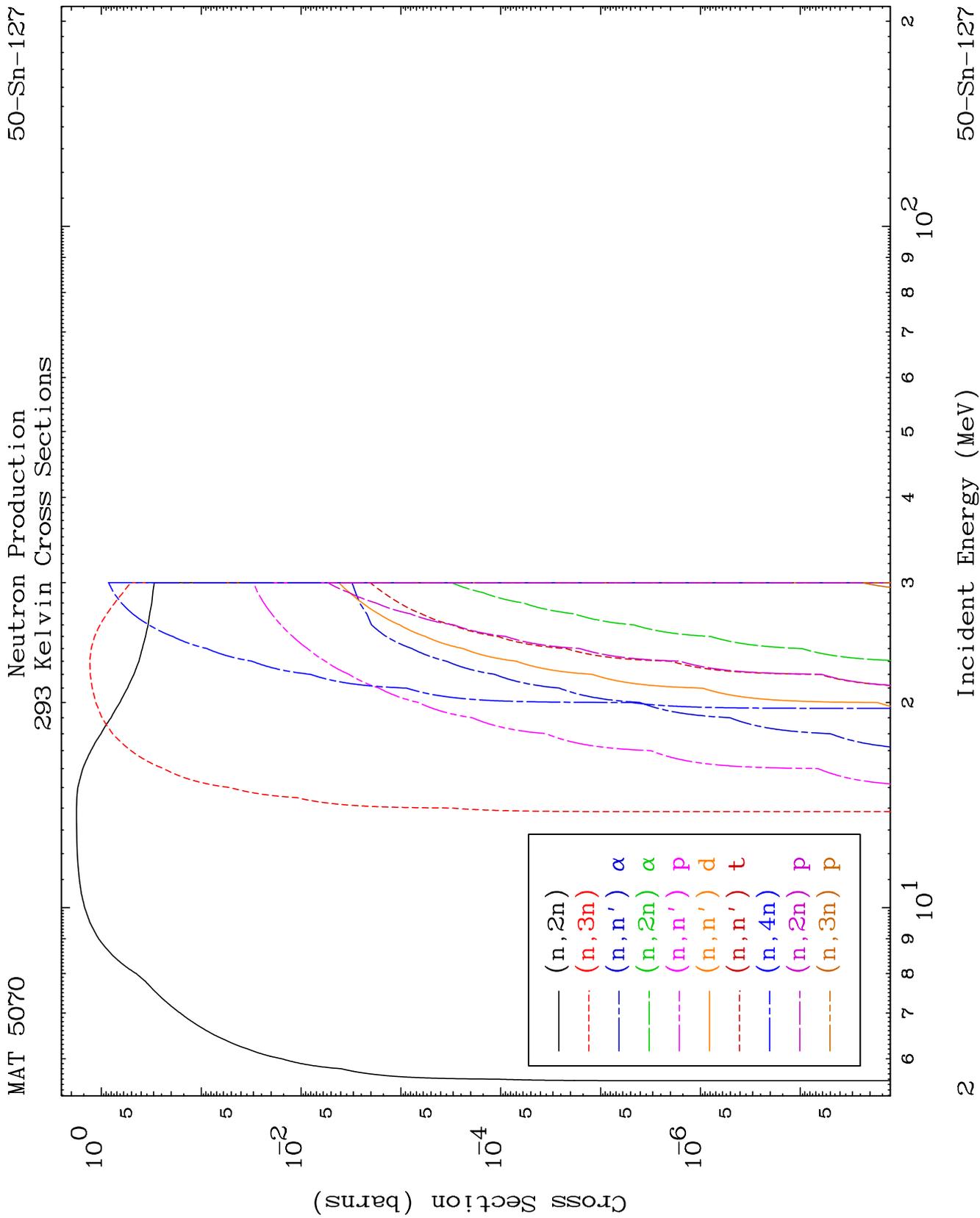
MAT 5070

Major

293 Kelvin Cross Sections

50-Sn-127

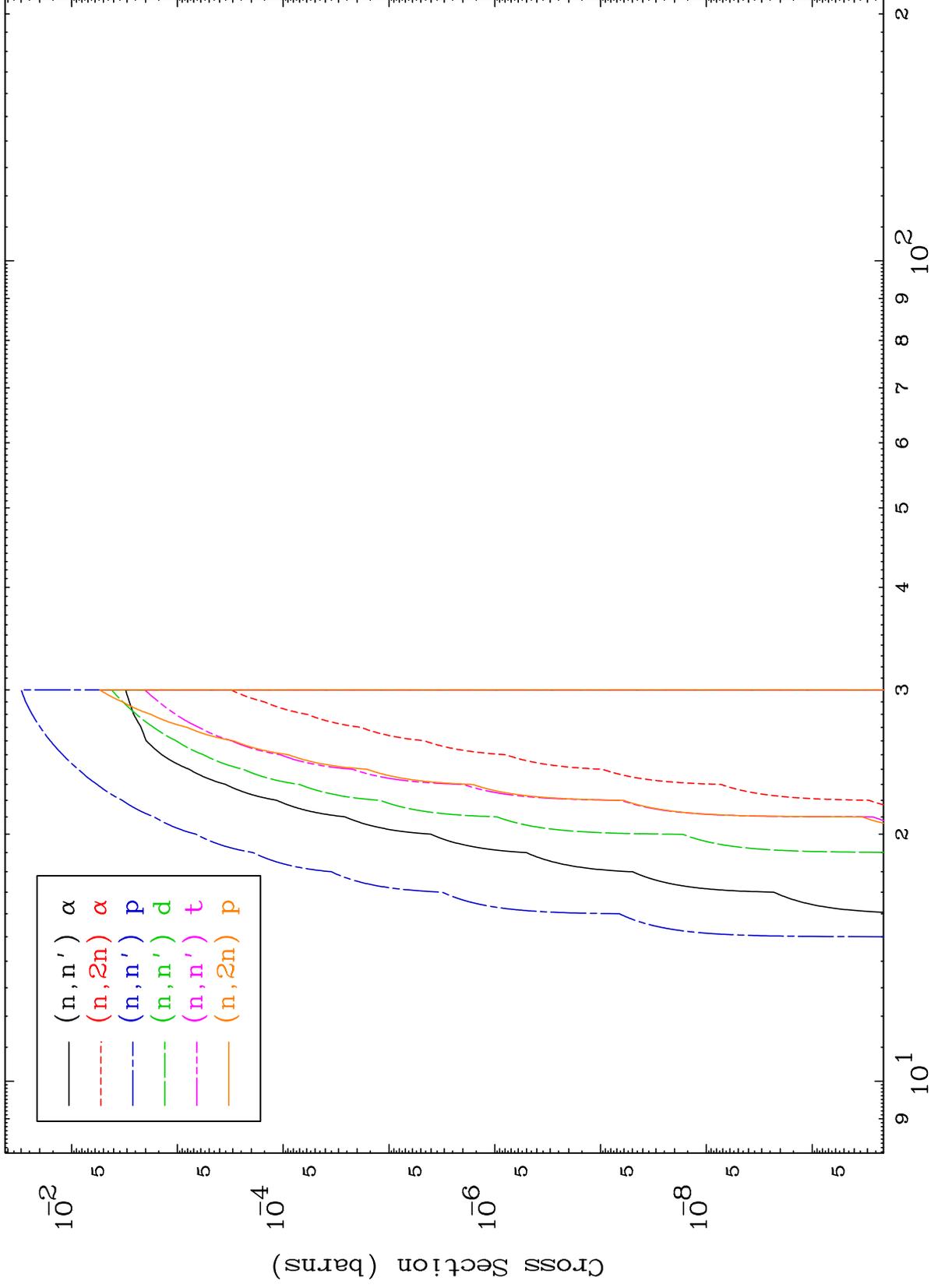




MAT 5070

Charged Particle
293 Kelvin Cross Sections

50-Sn-127



Incident Energy (MeV)

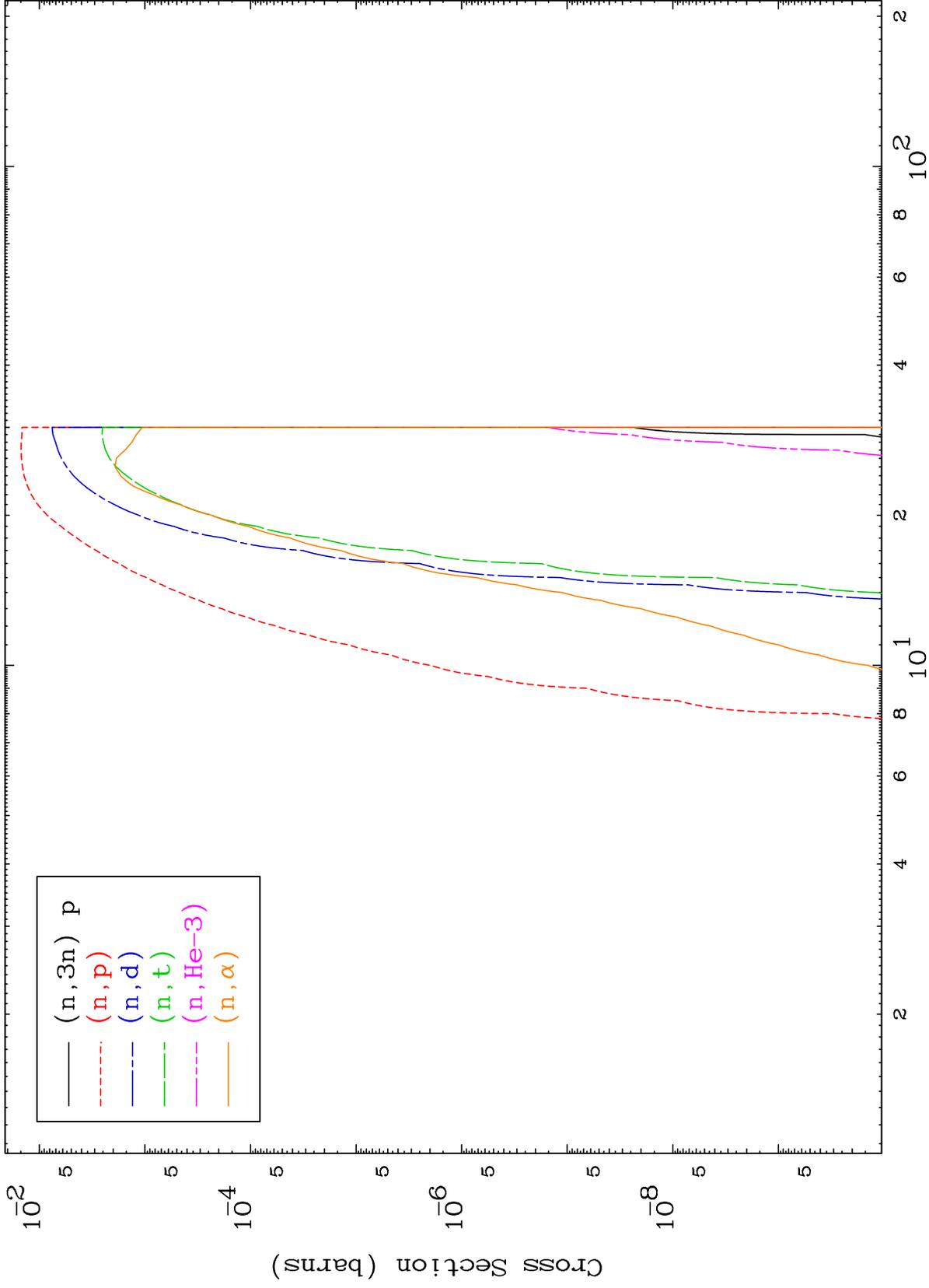
50-Sn-127

3

MAT 5070

Charged Particle
293 Kelvin Cross Sections

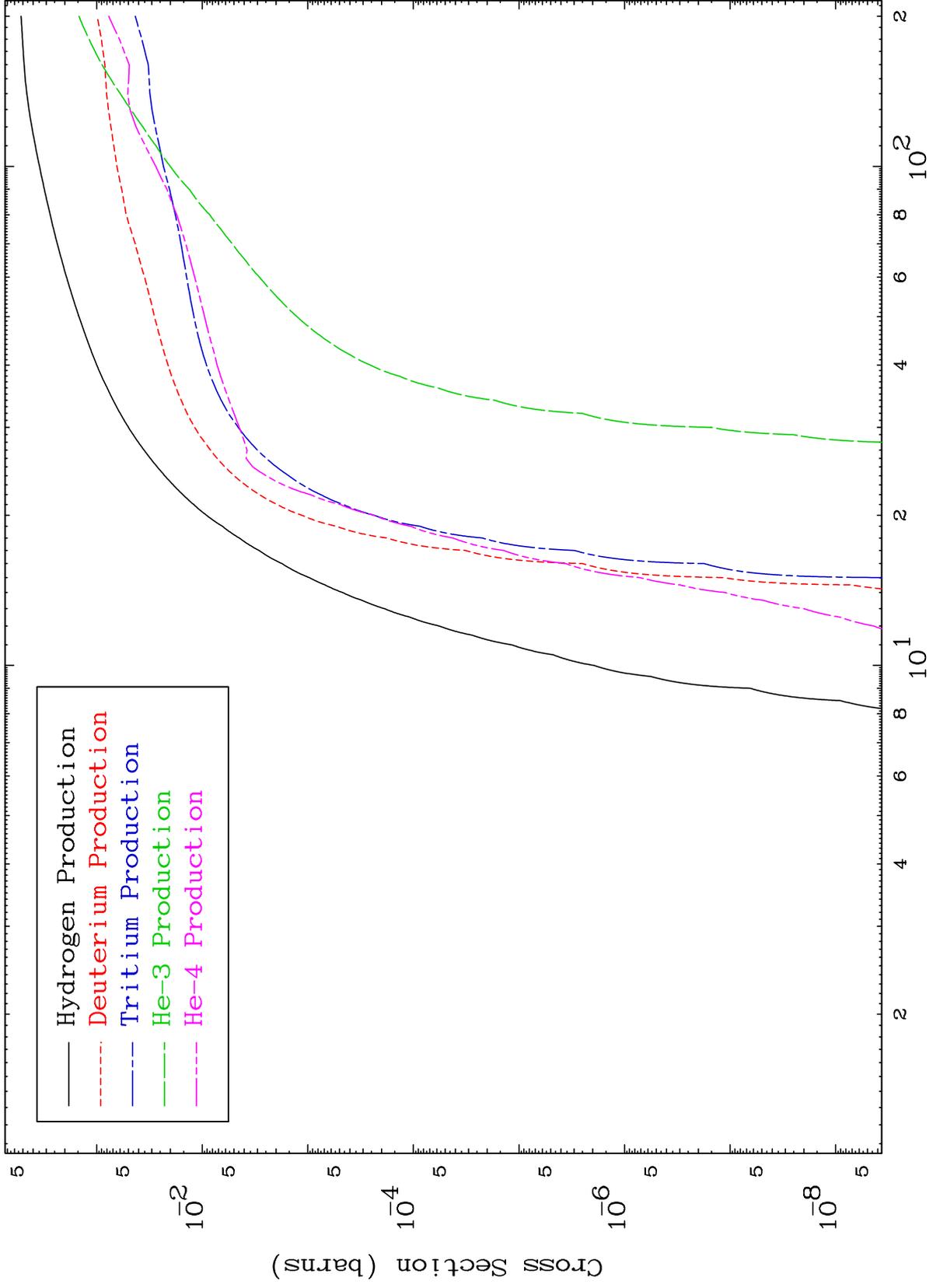
50-Sn-127



MAT 5070

Particle Production
293 Kelvin Cross Sections

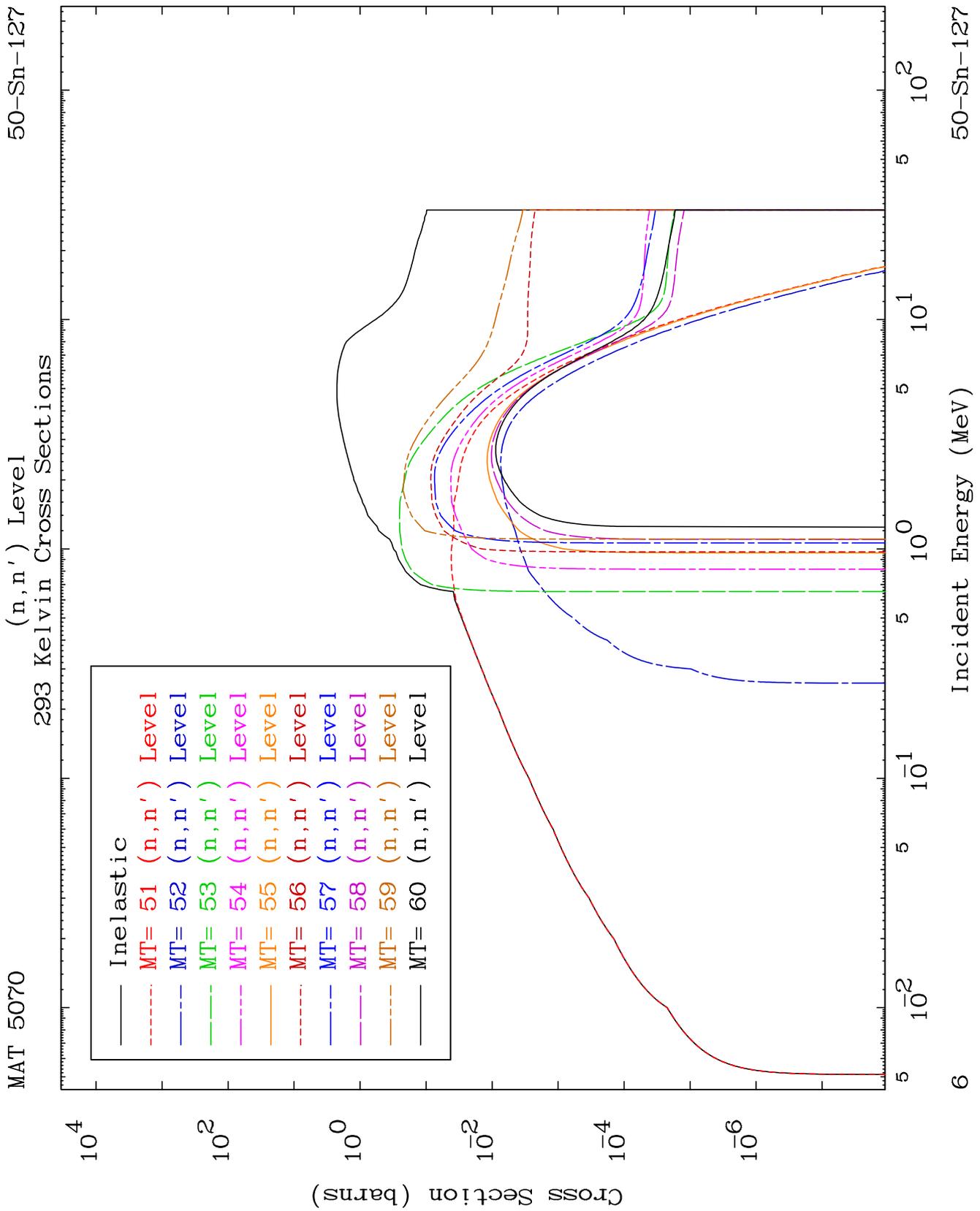
50-Sn-127

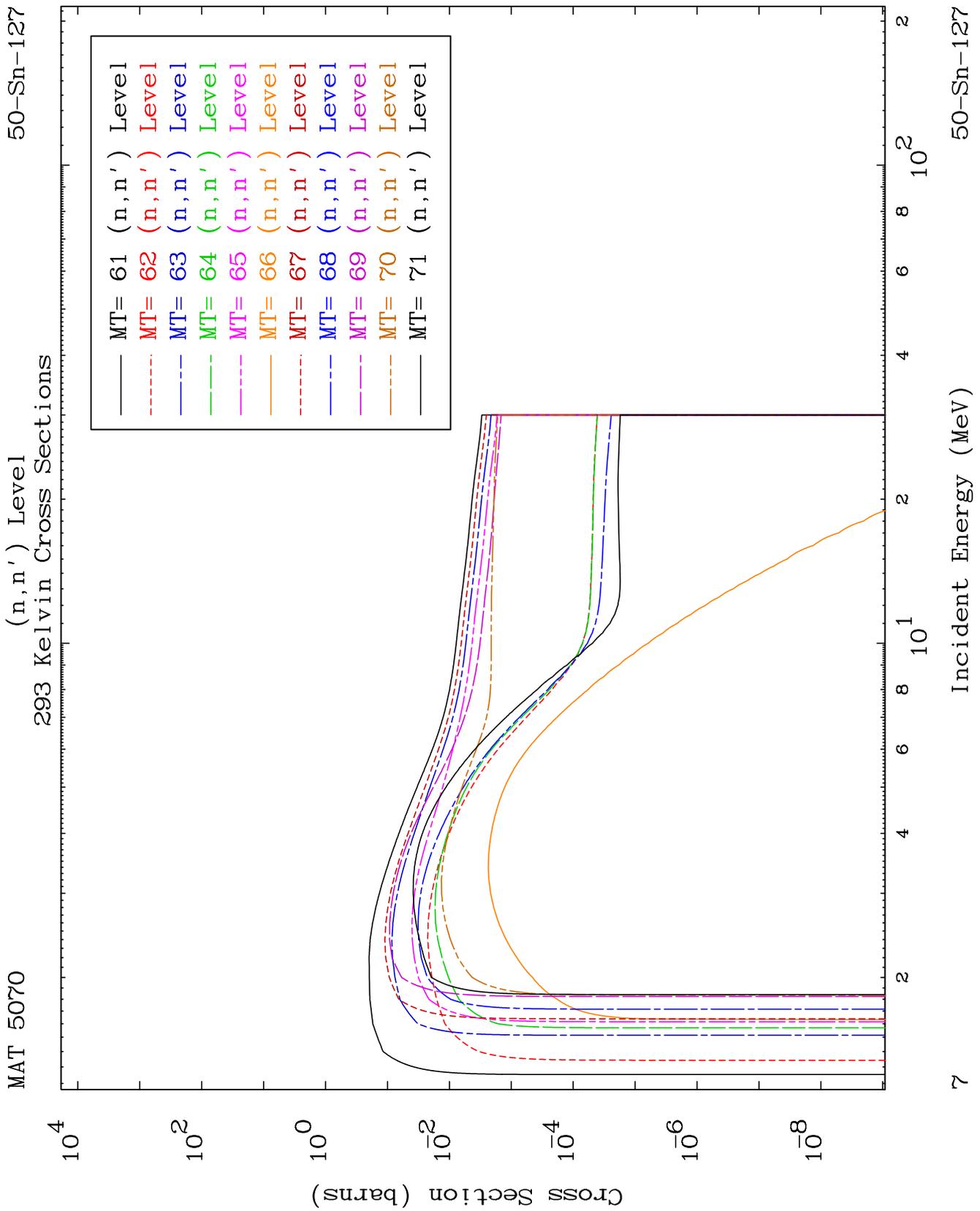


5

Incident Energy (MeV)

50-Sn-127



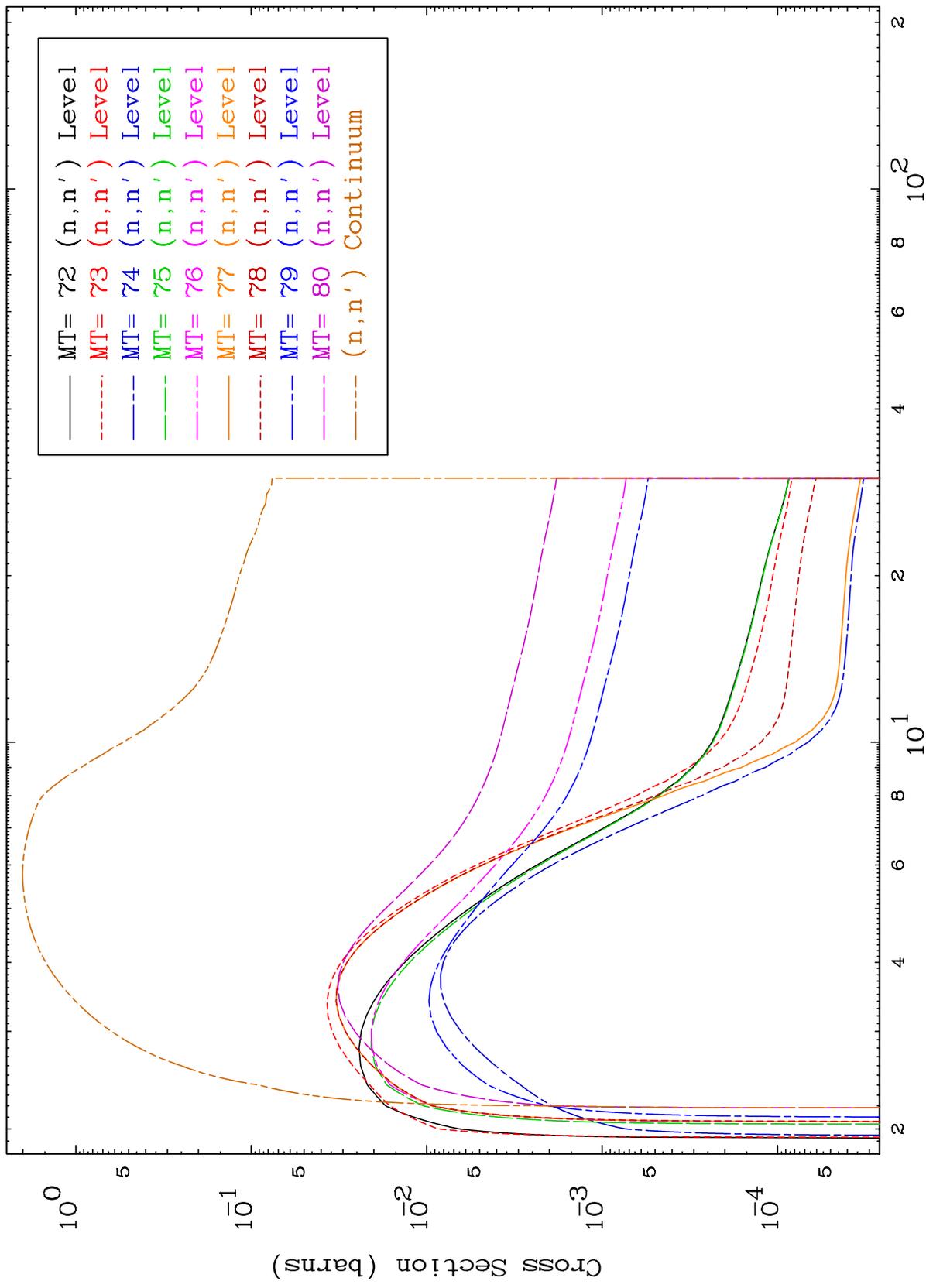


MAT 5070

(n,n') Level

50-Sn-127

293 Kelvin Cross Sections



8

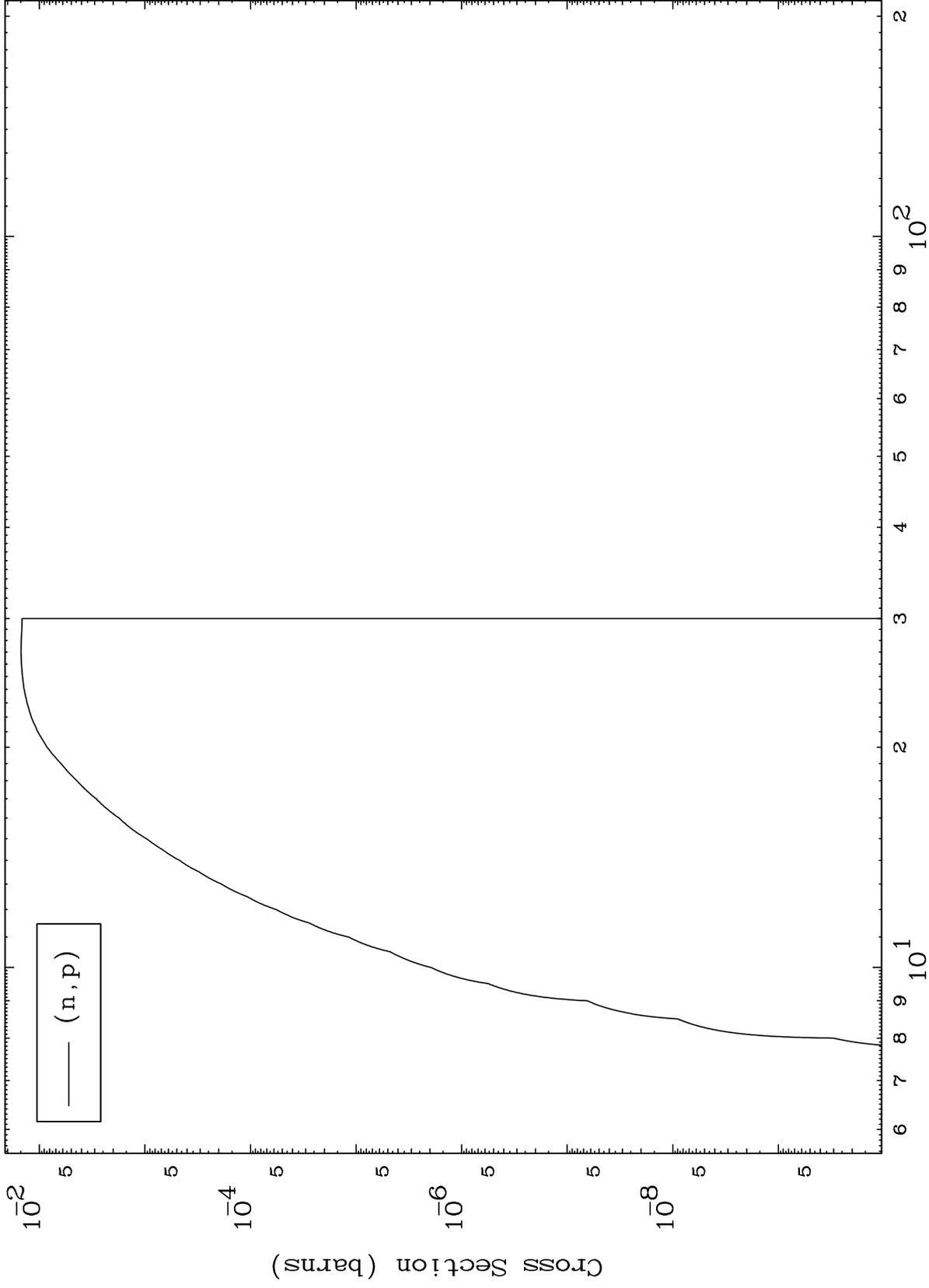
Incident Energy (MeV)

50-Sn-127

MAT 5070

(n,p) Levels
293 Kelvin Cross Sections

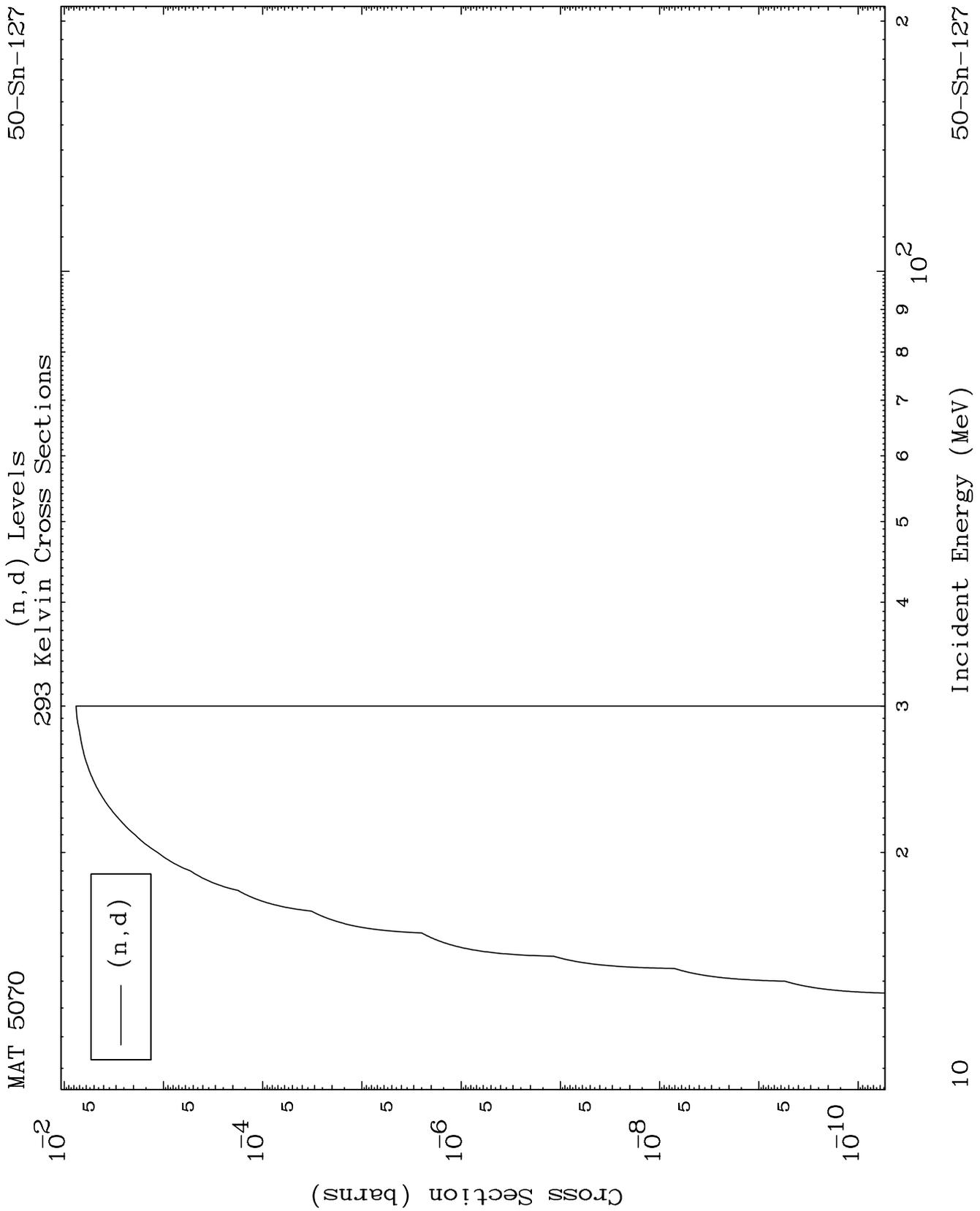
50-Sn-127



9

Incident Energy (MeV)

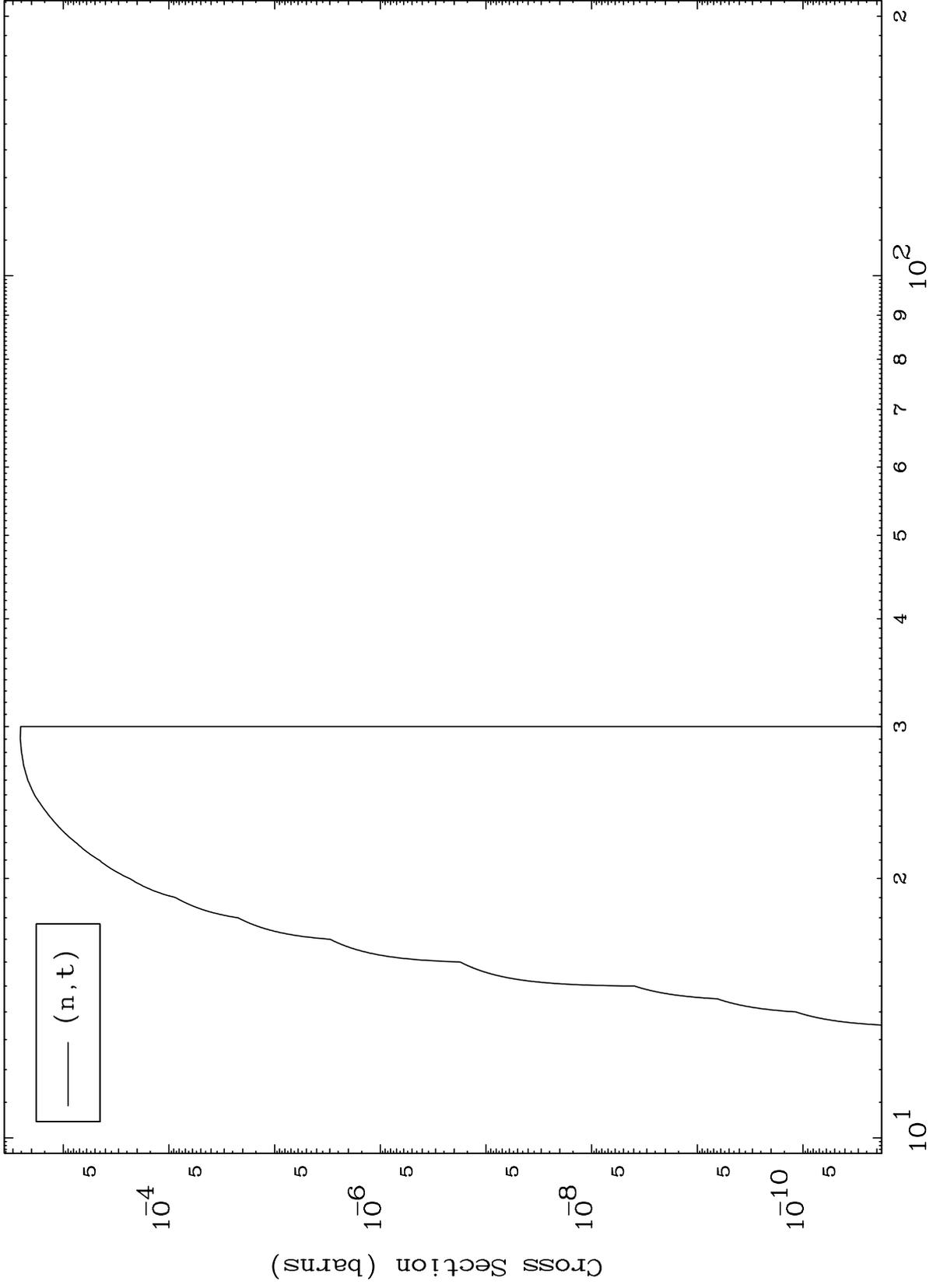
50-Sn-127



MAT 5070

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-127



11

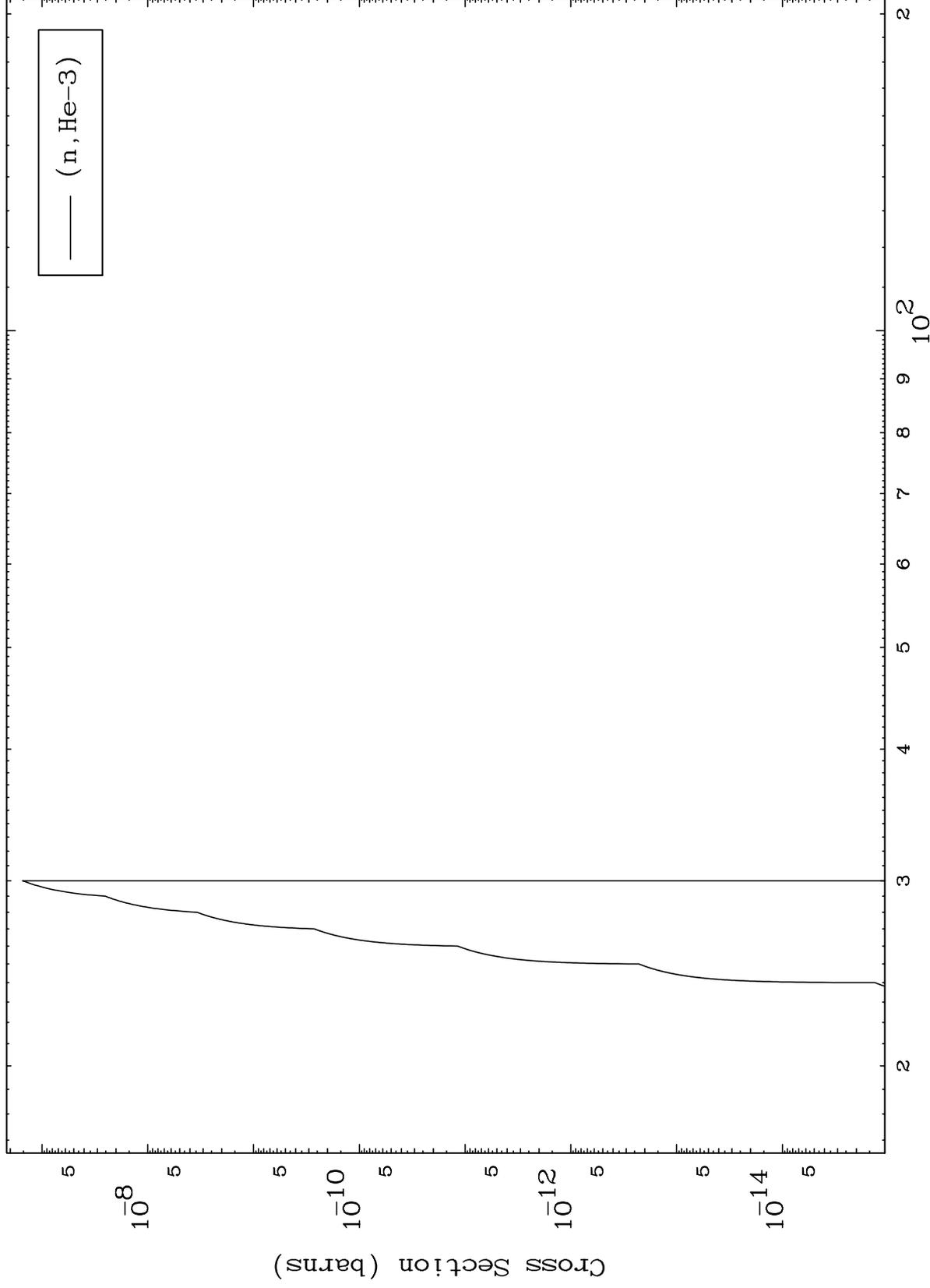
Incident Energy (MeV)

50-Sn-127

MAT 5070

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-127



12

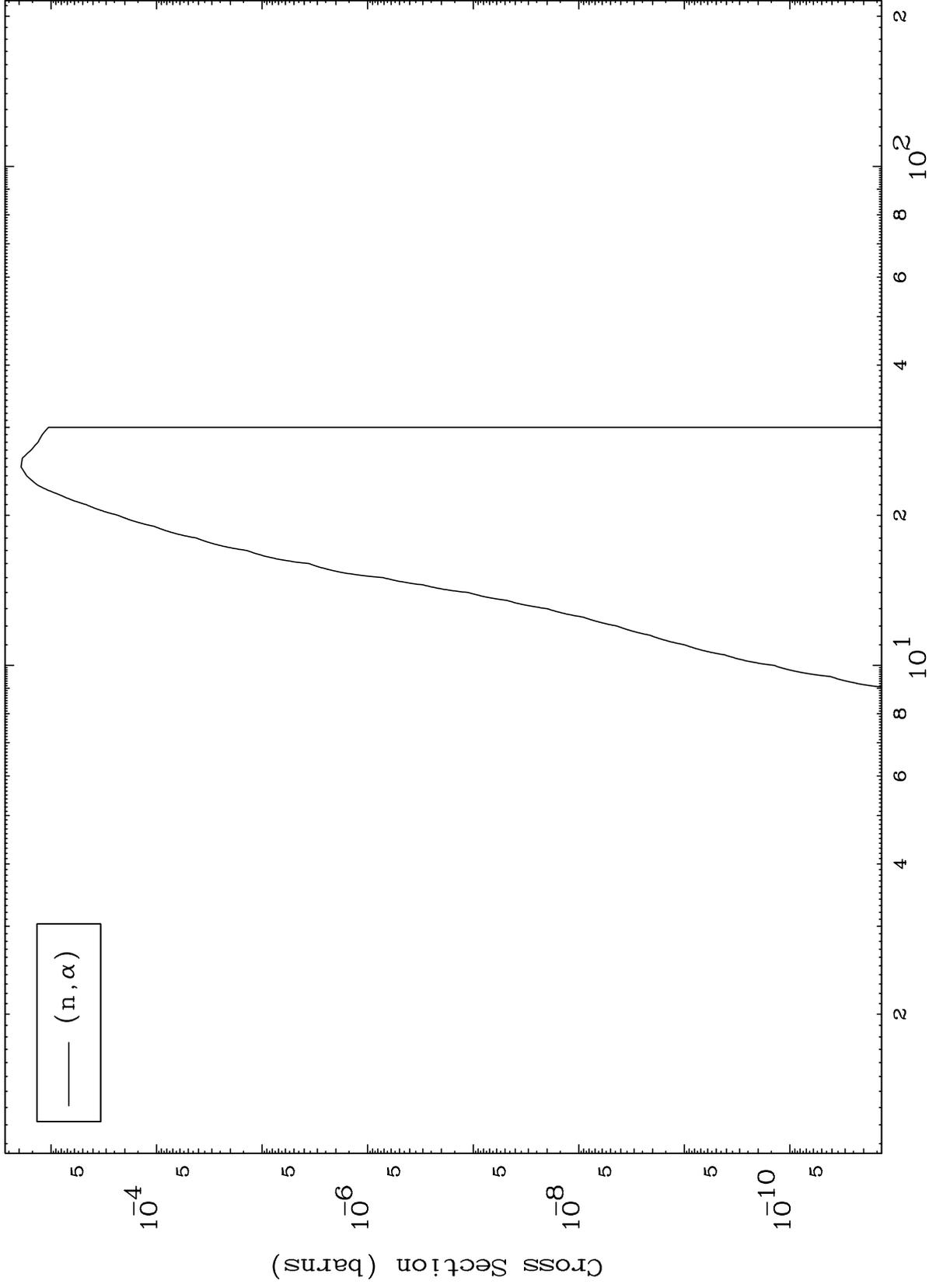
Incident Energy (MeV)

50-Sn-127

MAT 5070

(n, α) Levels
293 Kelvin Cross Sections

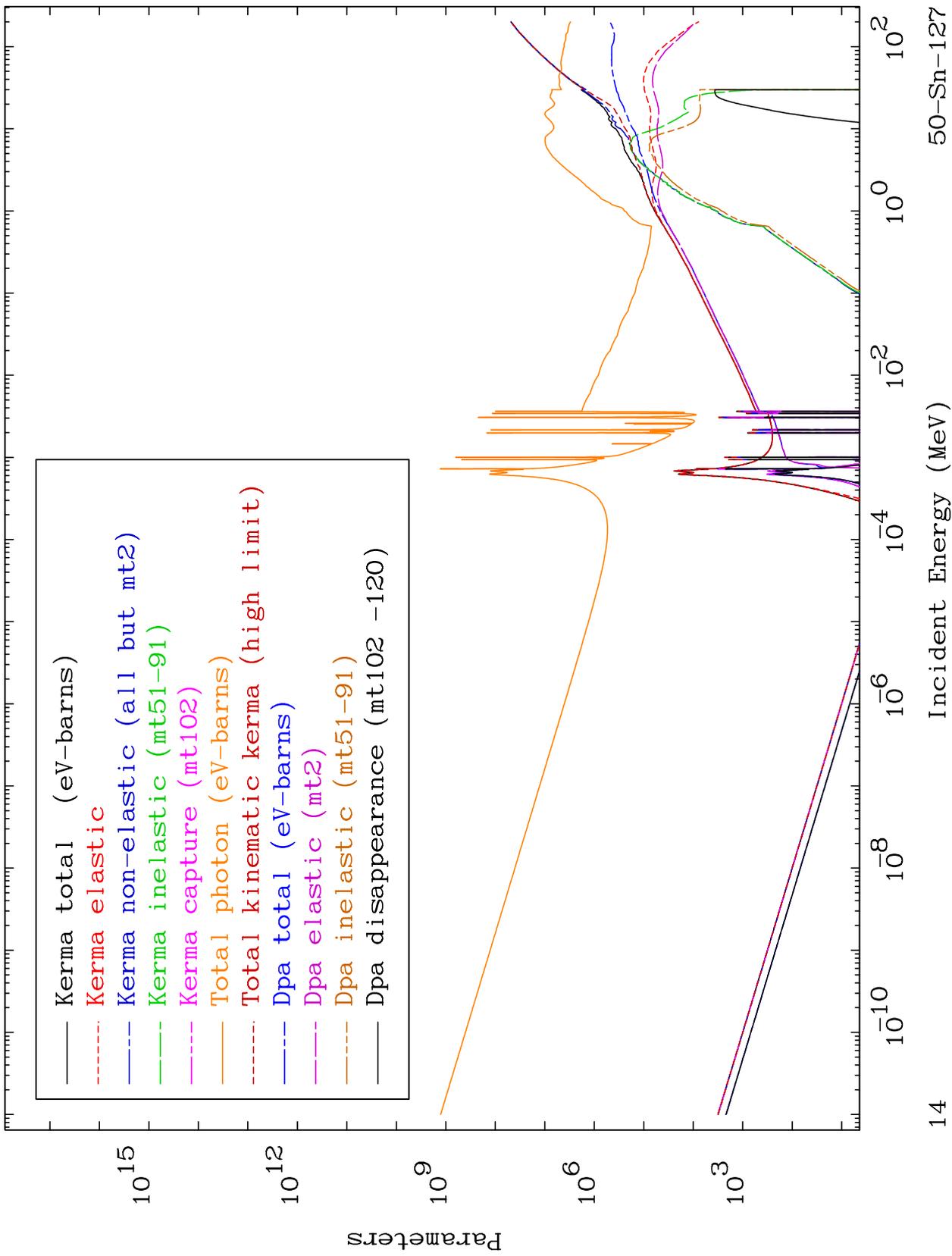
50-Sn-127

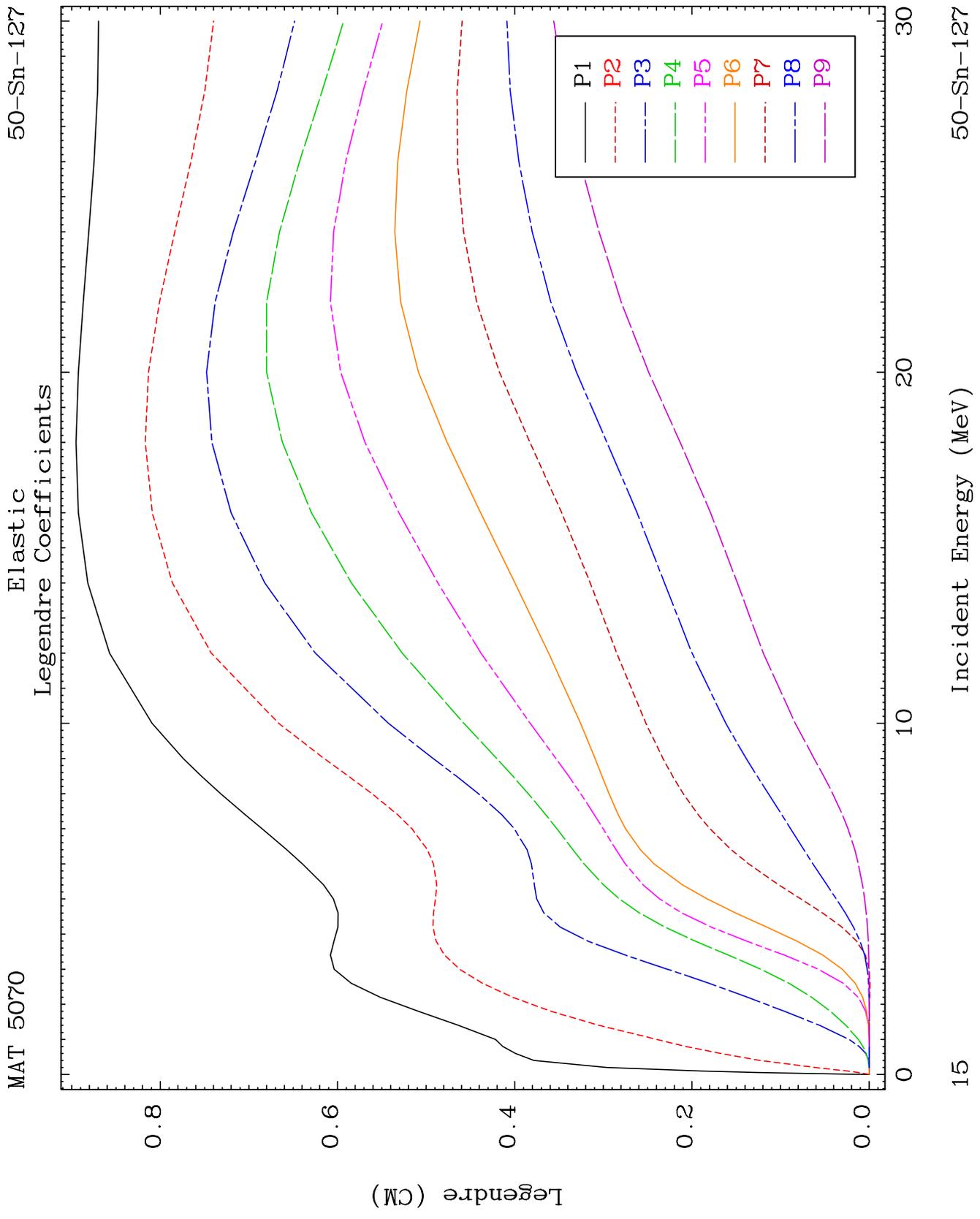


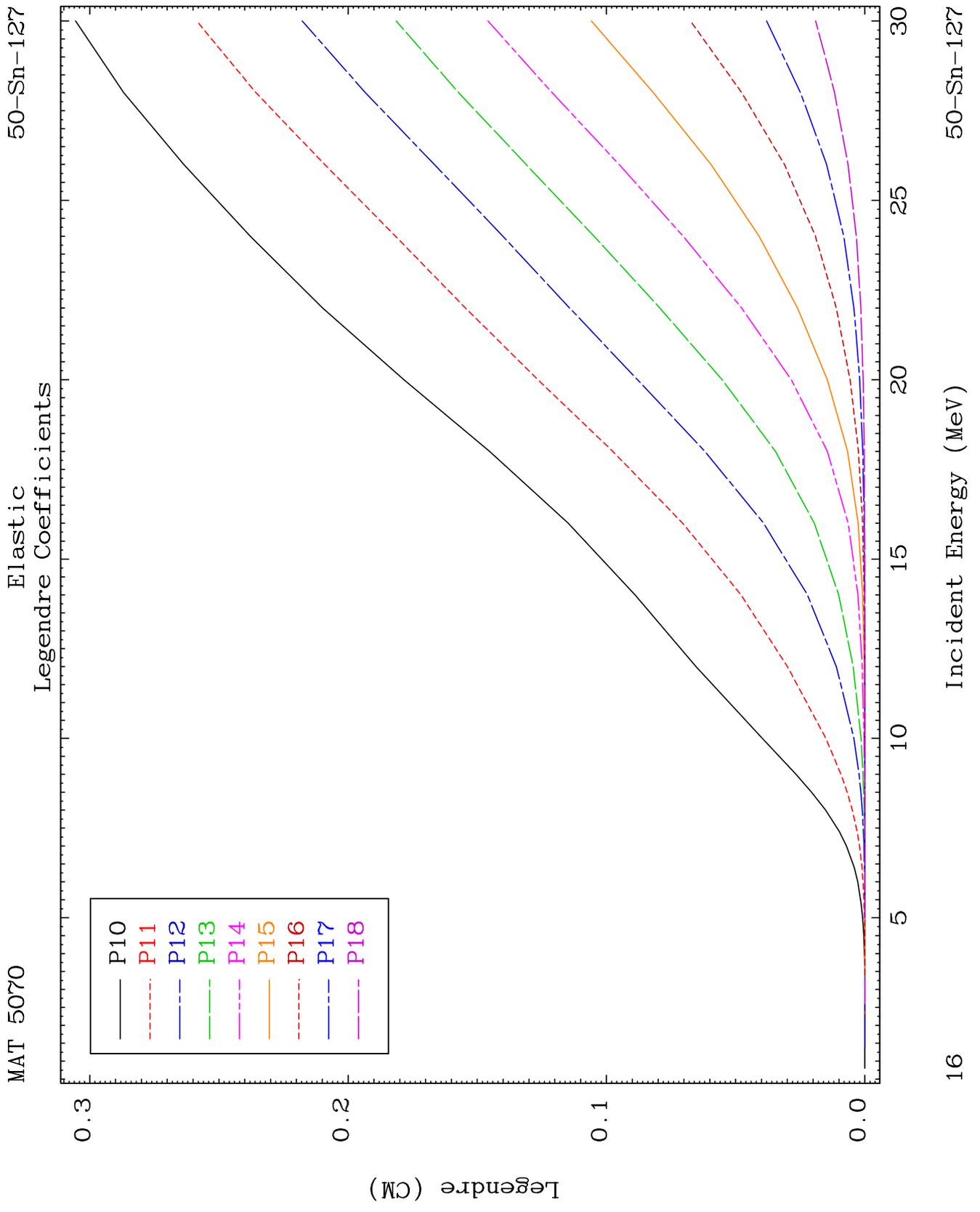
13

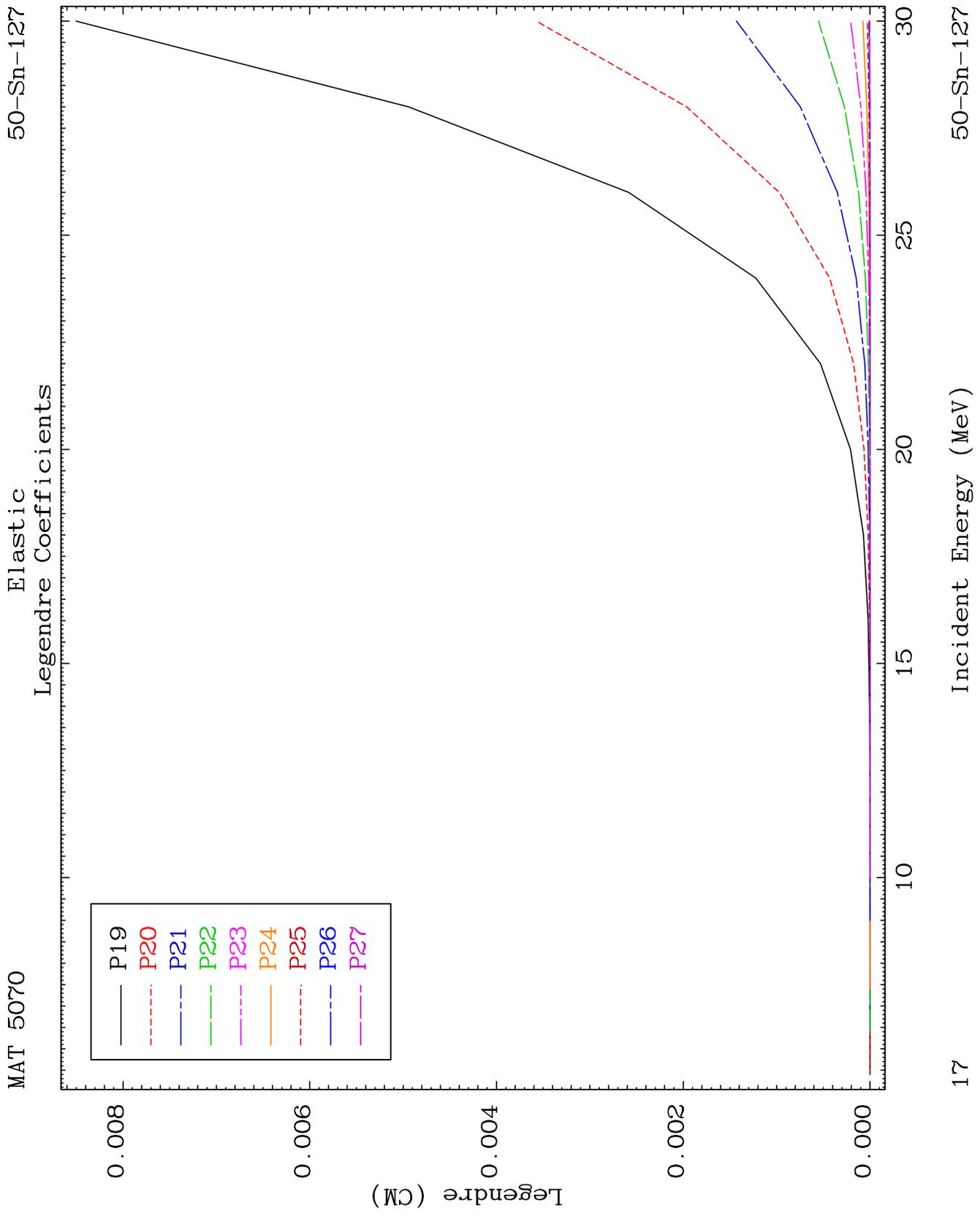
Incident Energy (MeV)

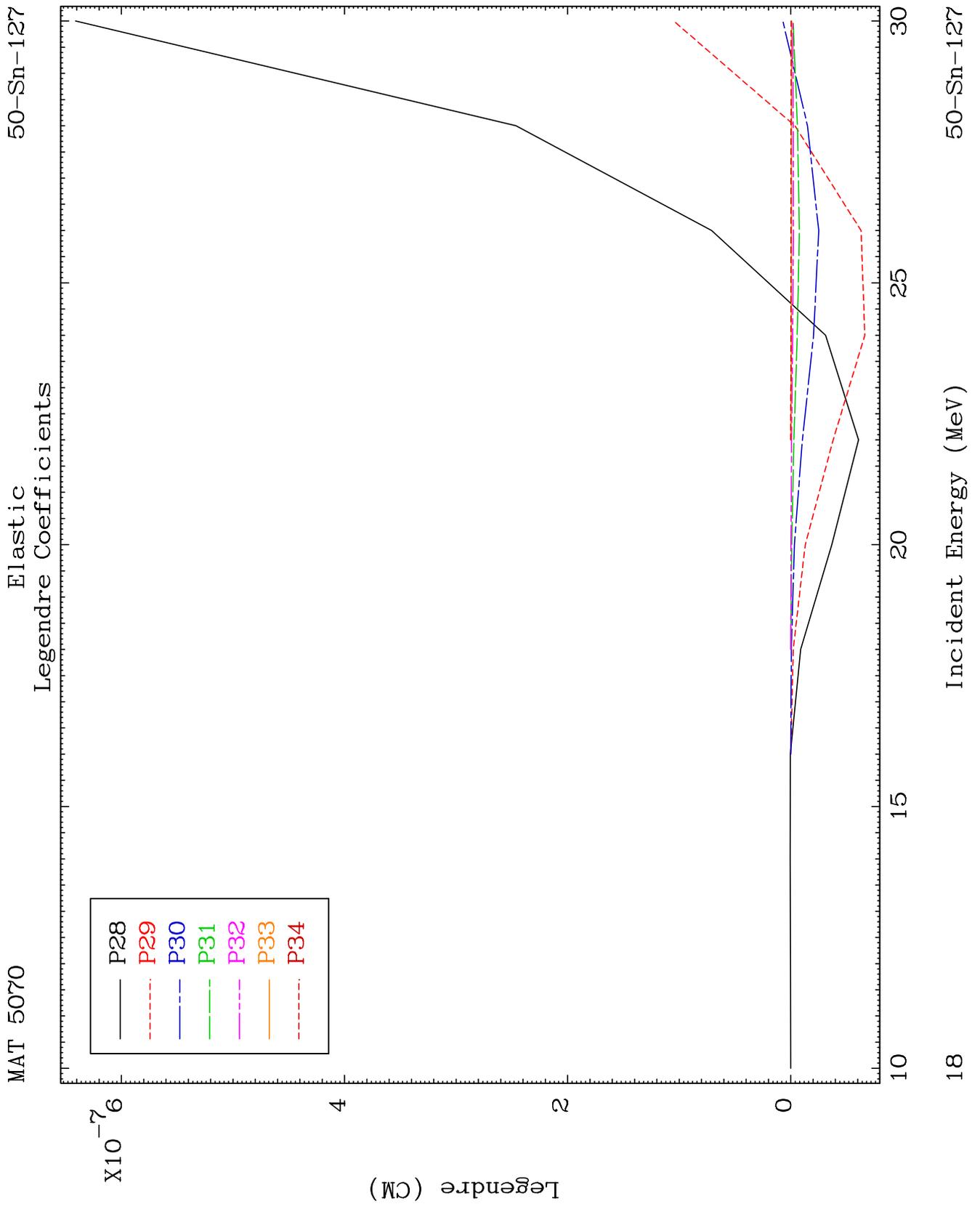
50-Sn-127

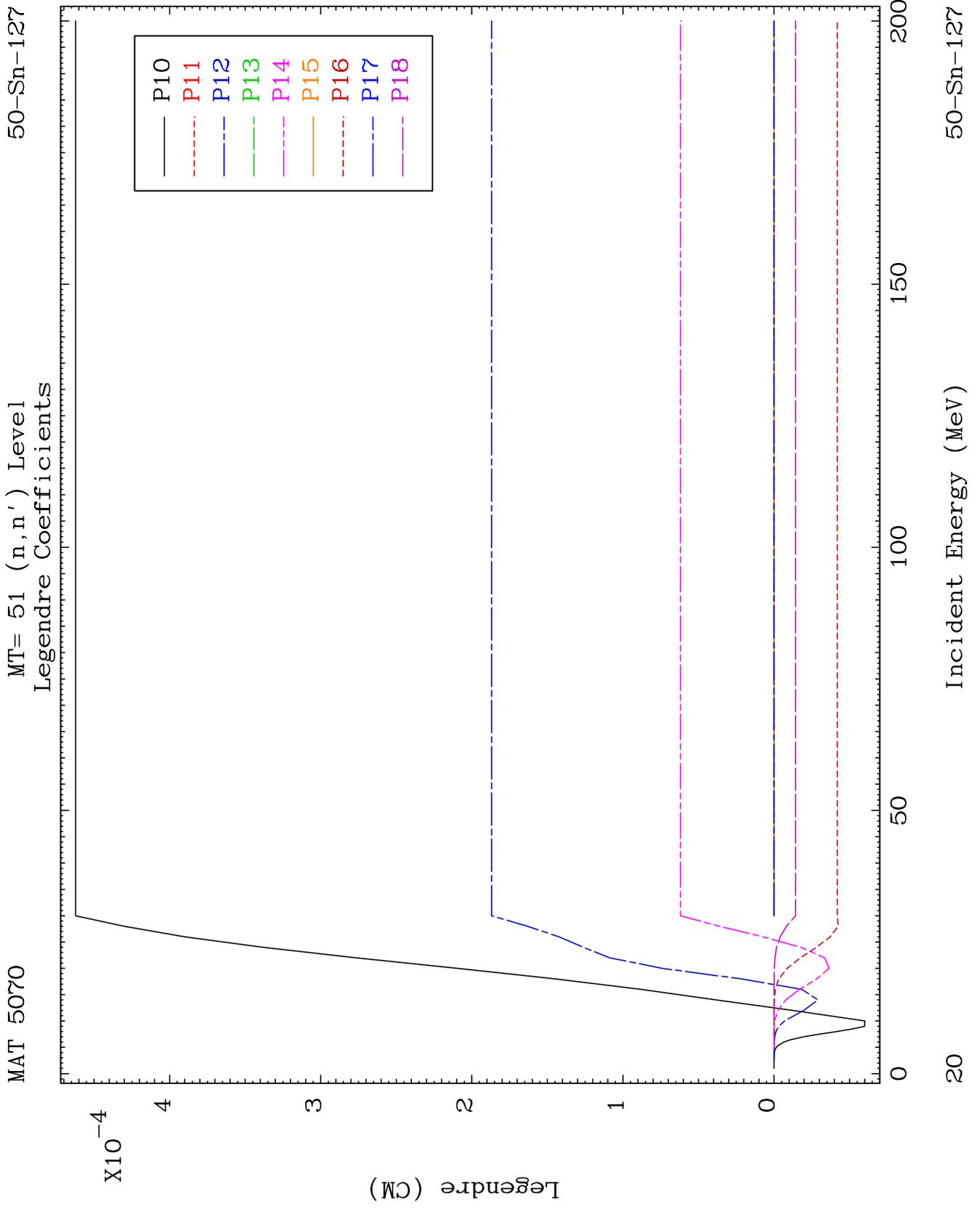


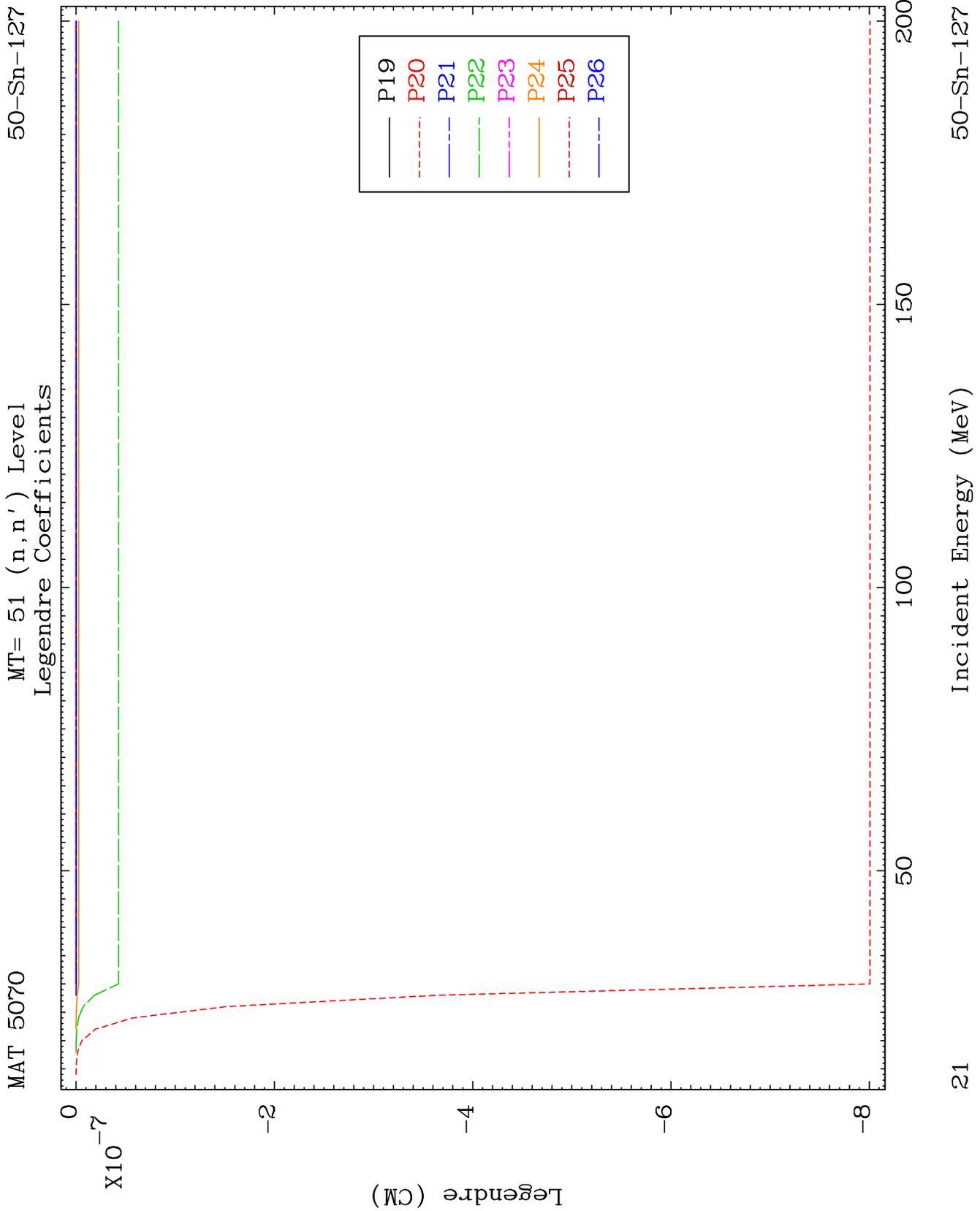


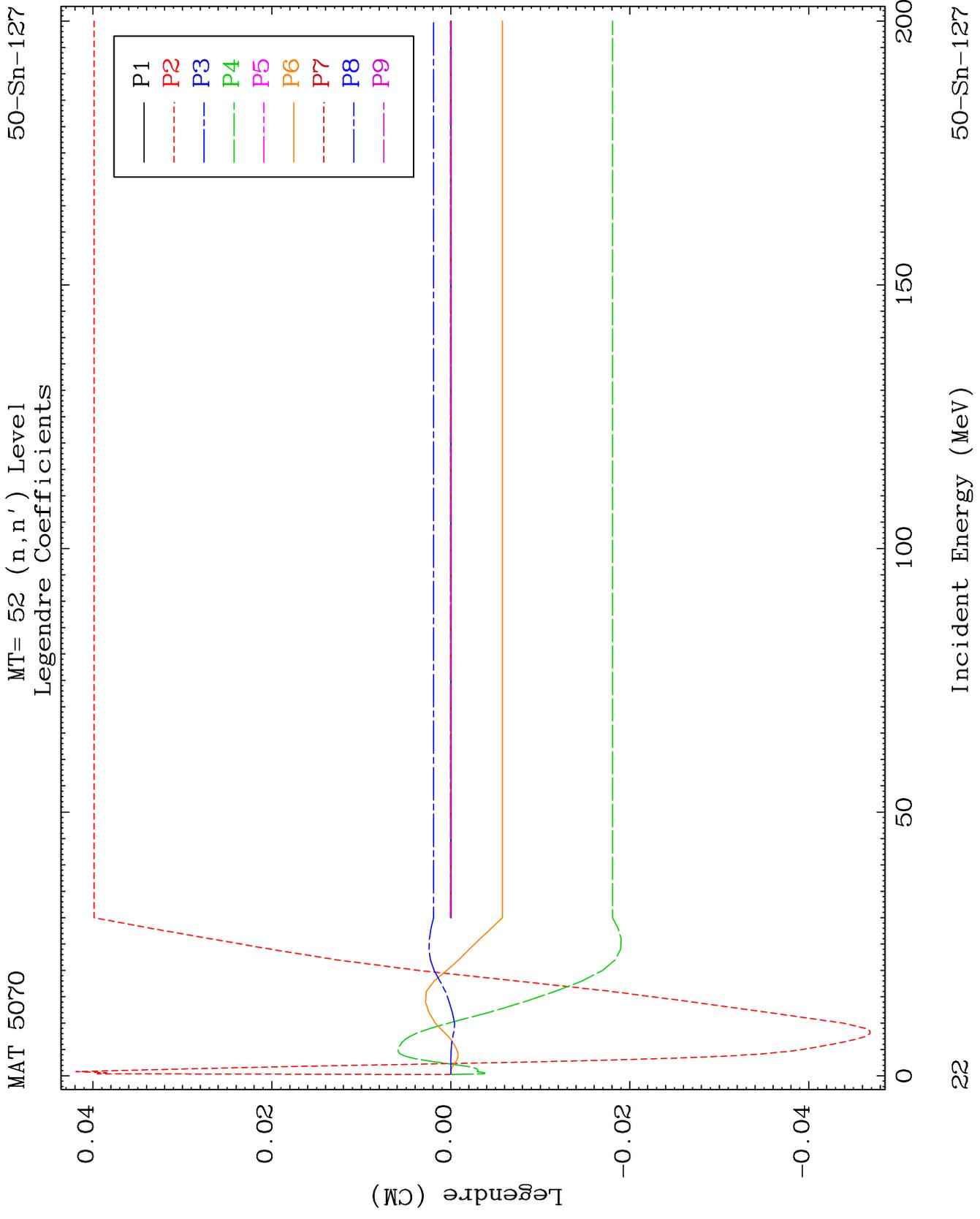


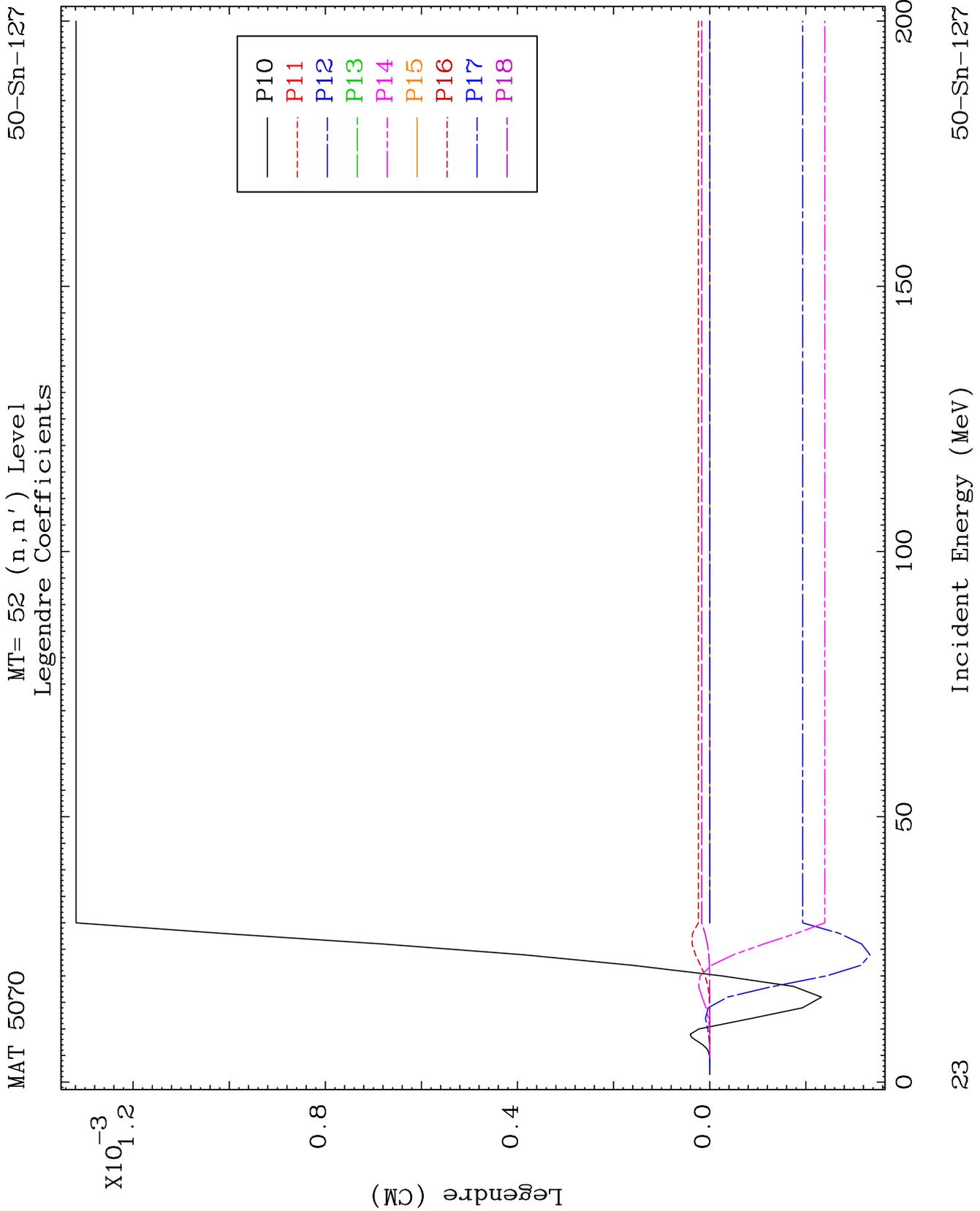


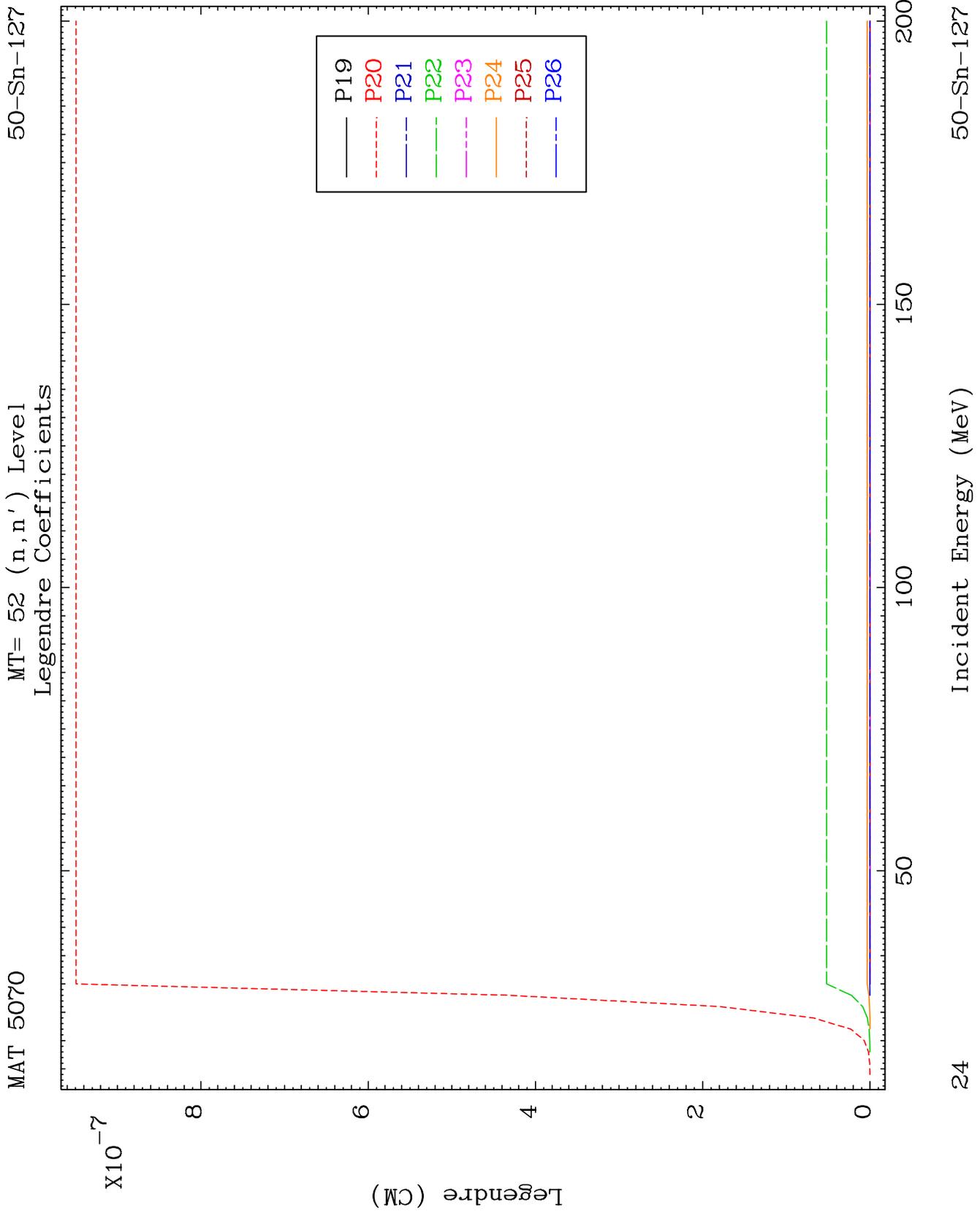


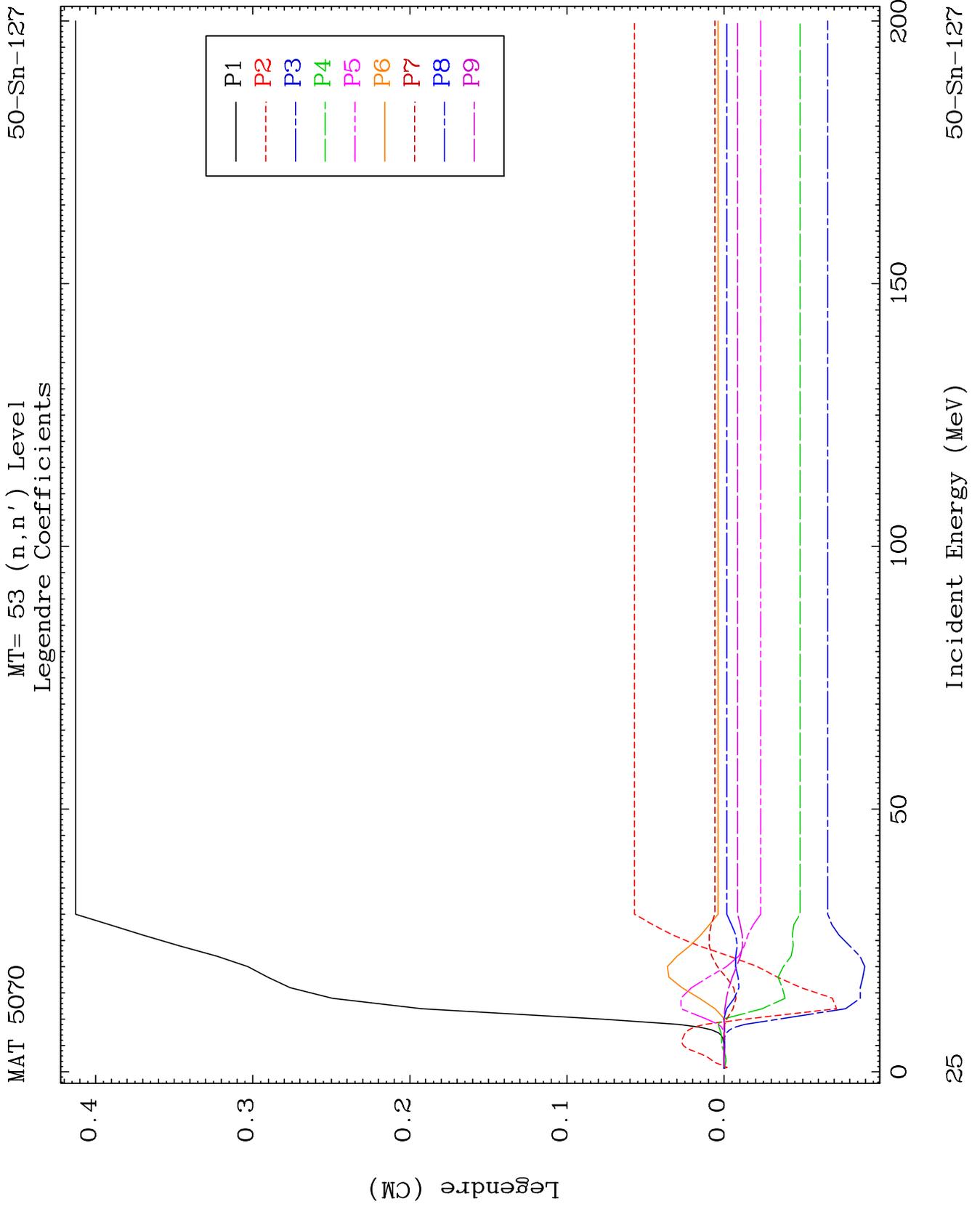


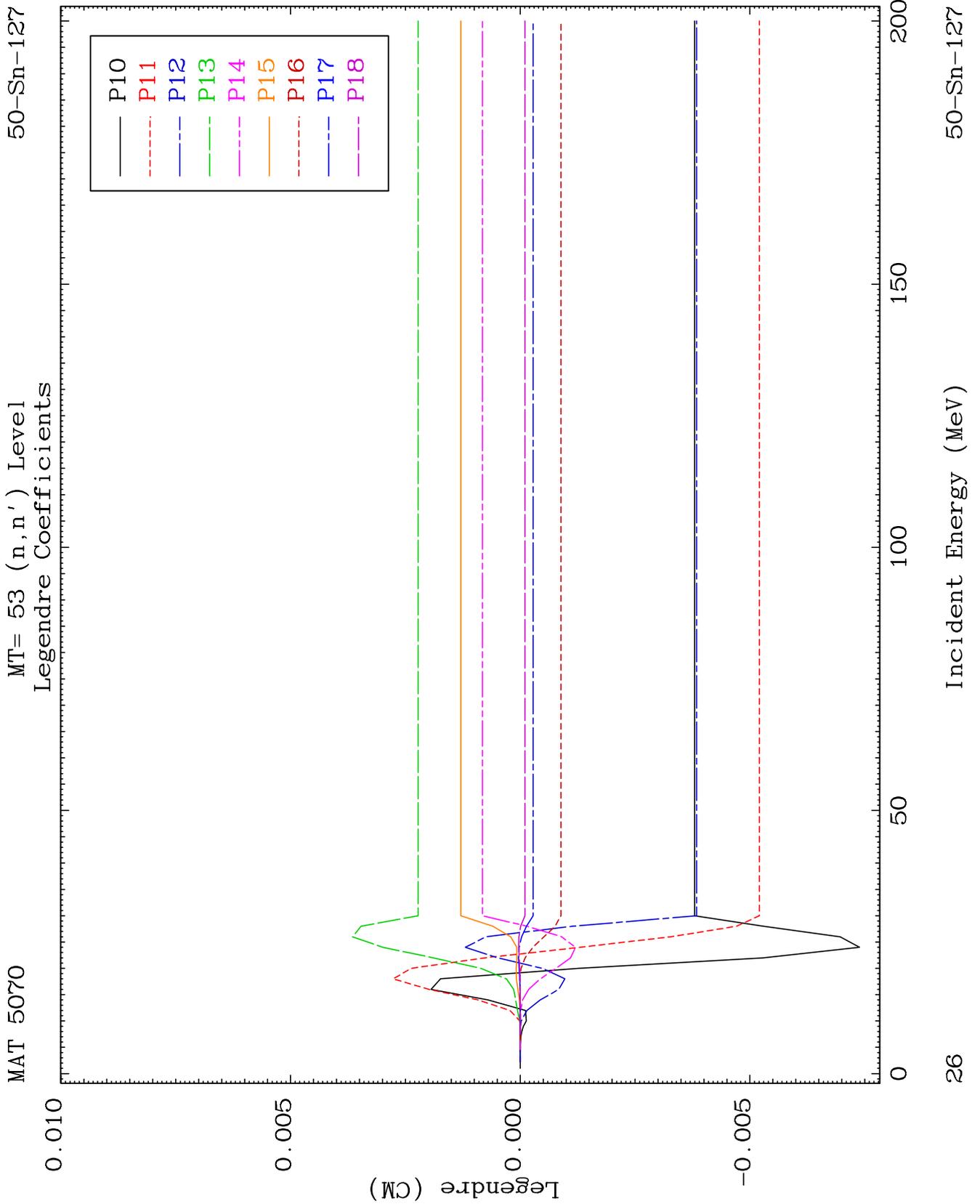


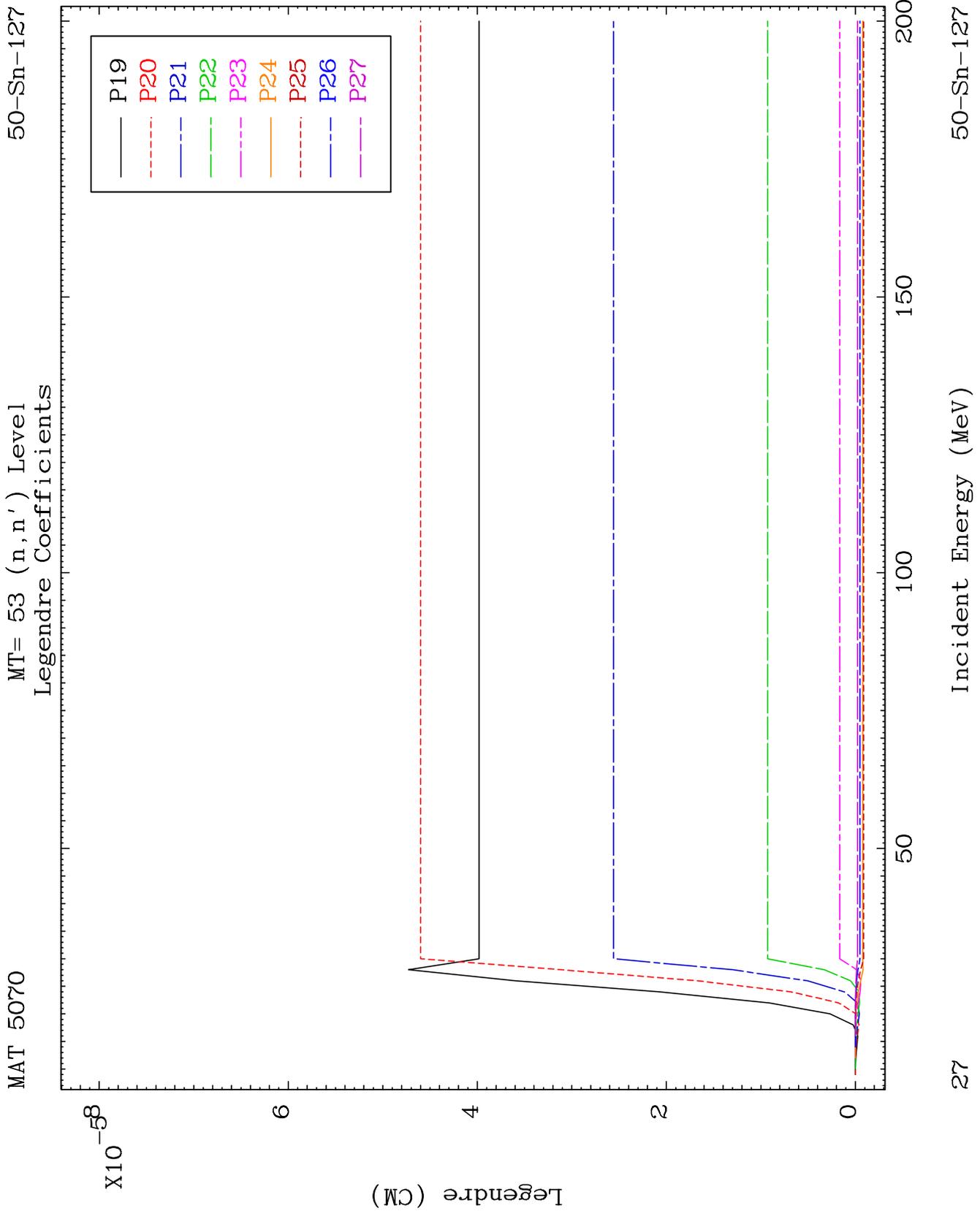


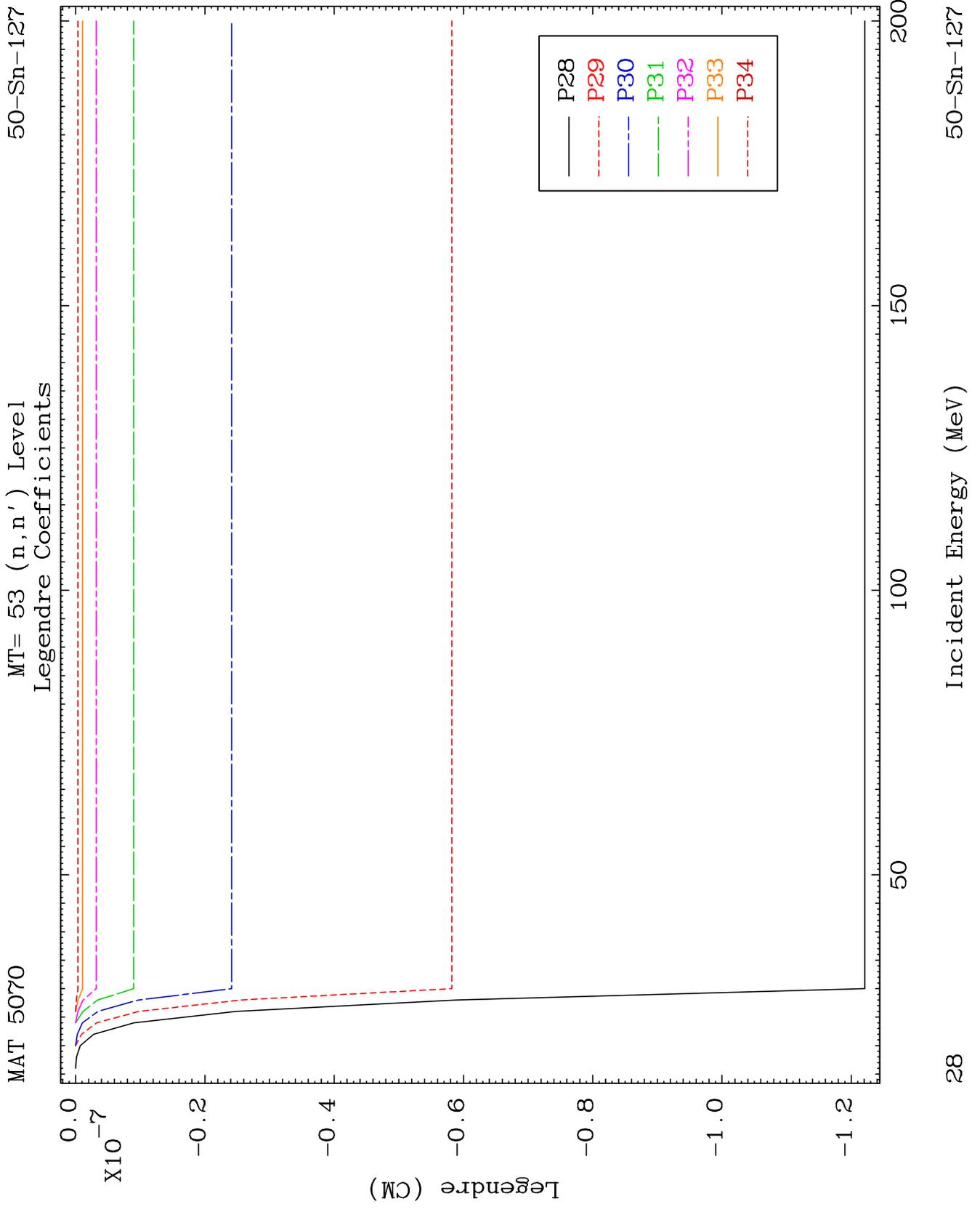








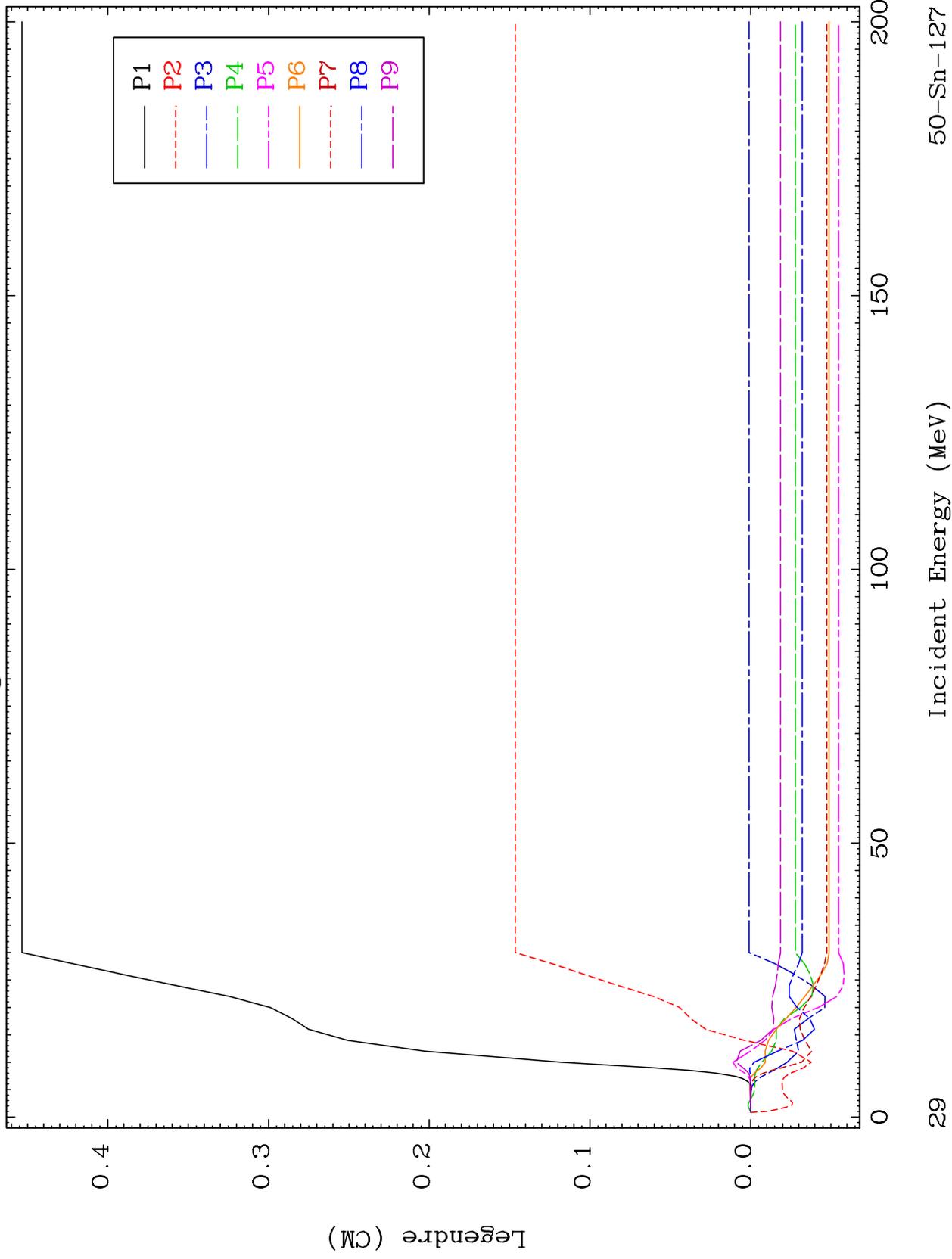




MAT 5070

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

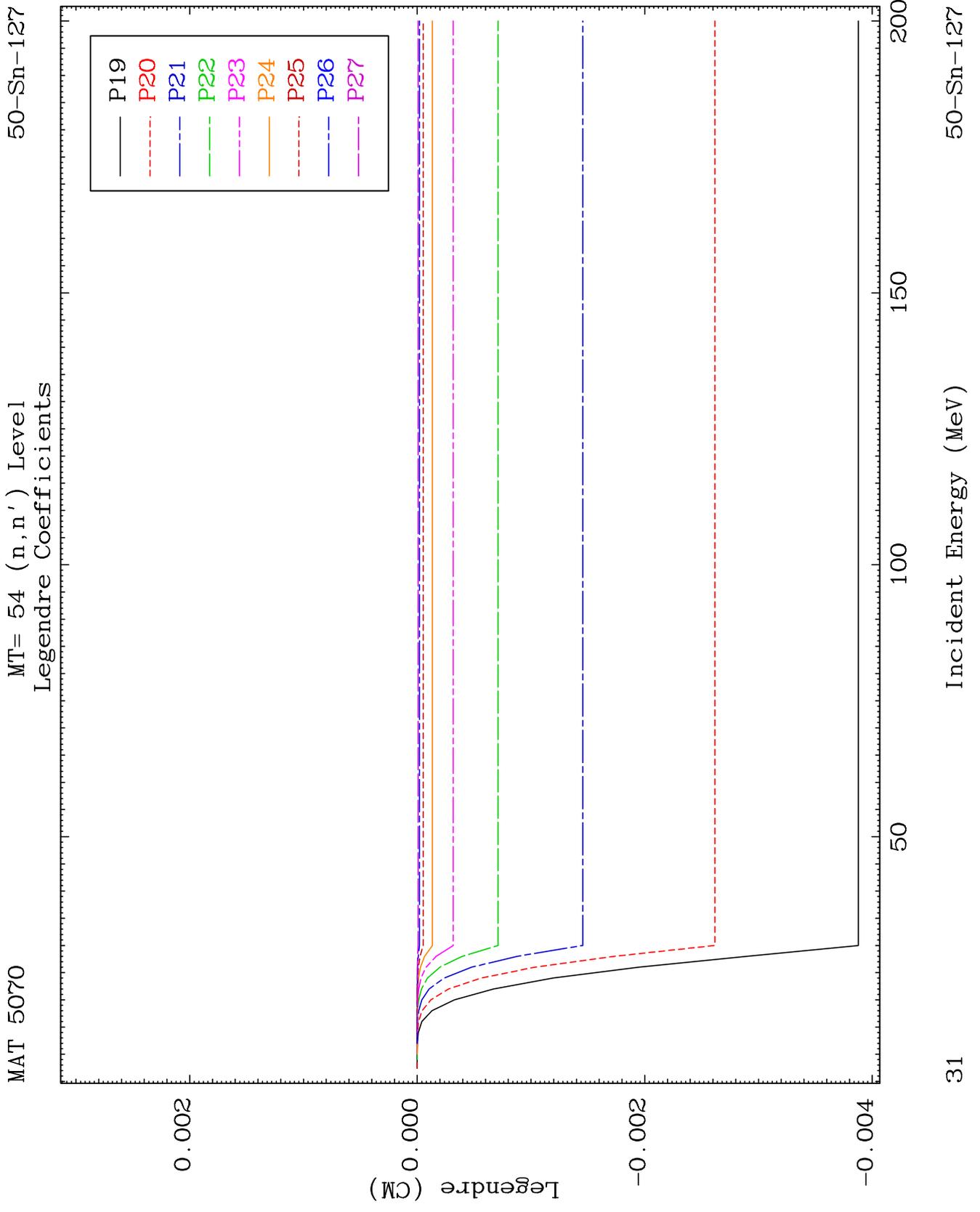
50-Sn-127

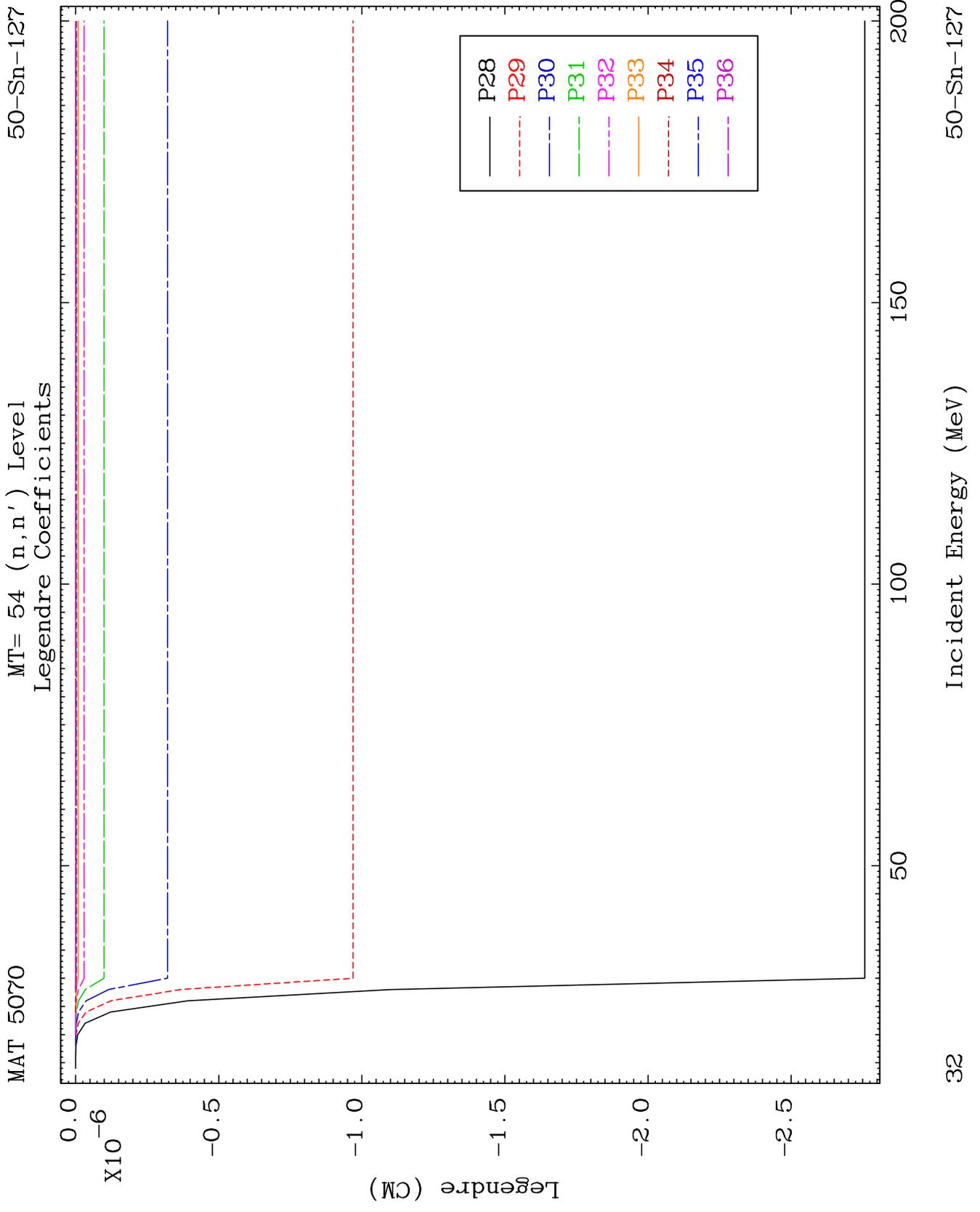


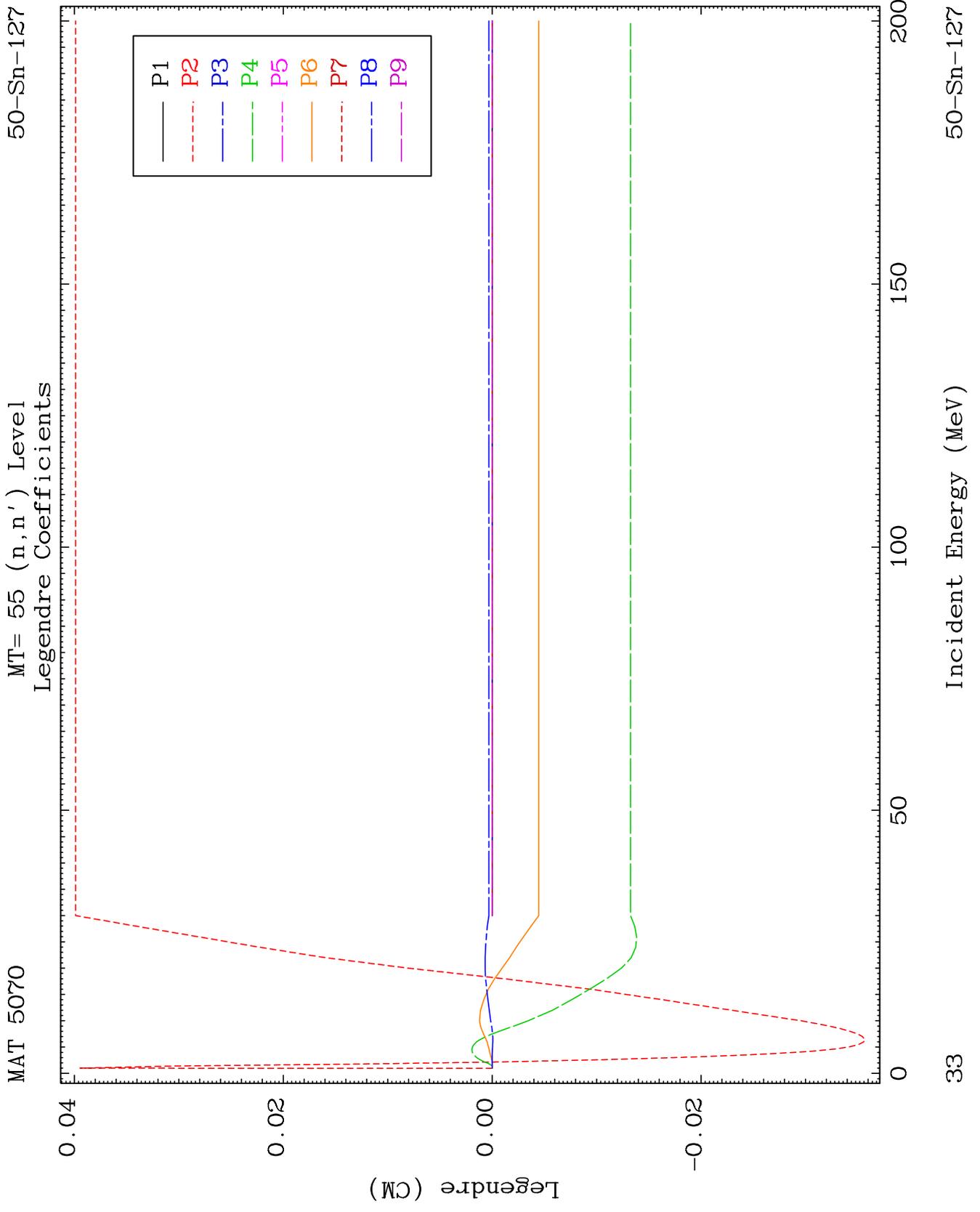
29

Incident Energy (MeV)

50-Sn-127



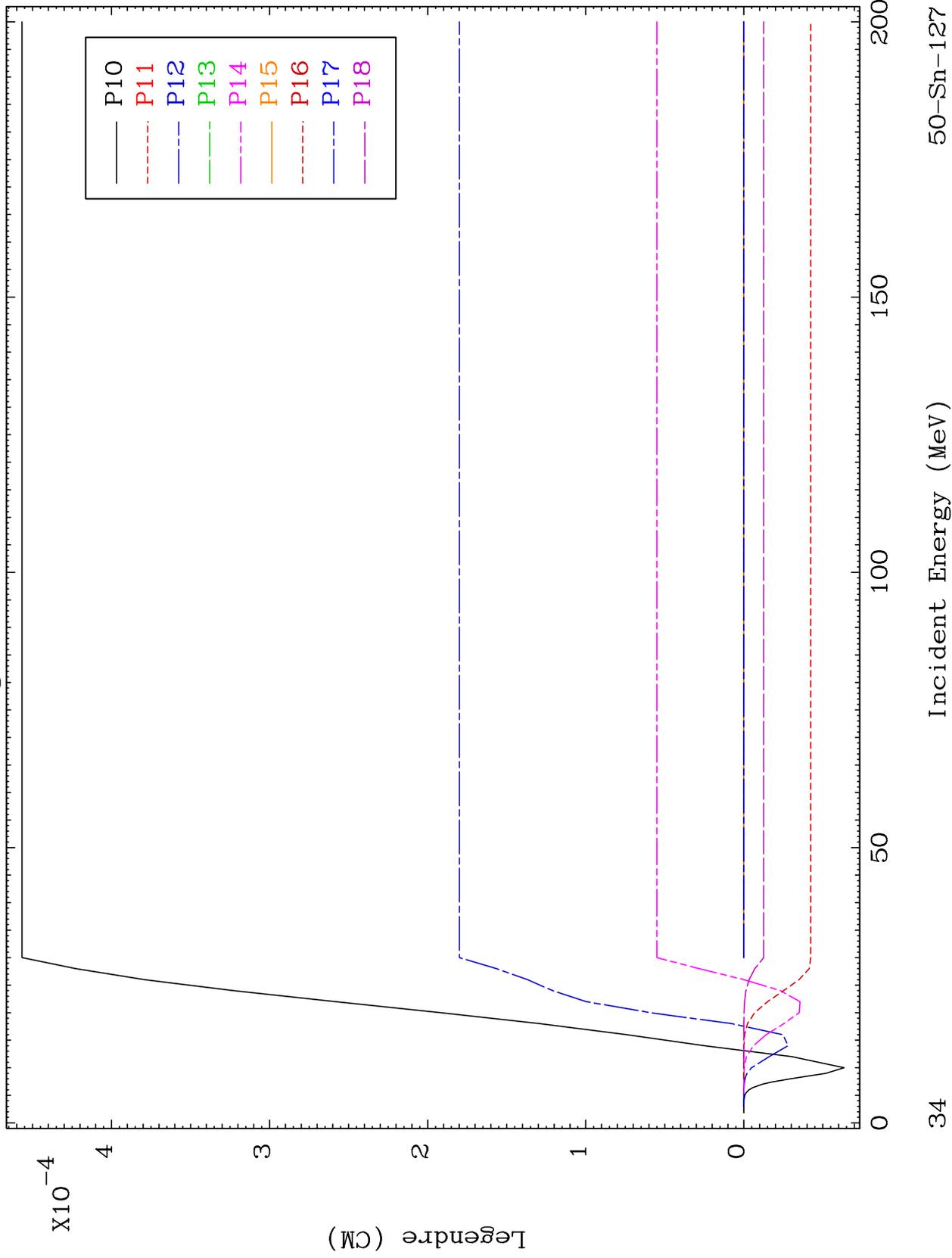




MAT 5070

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

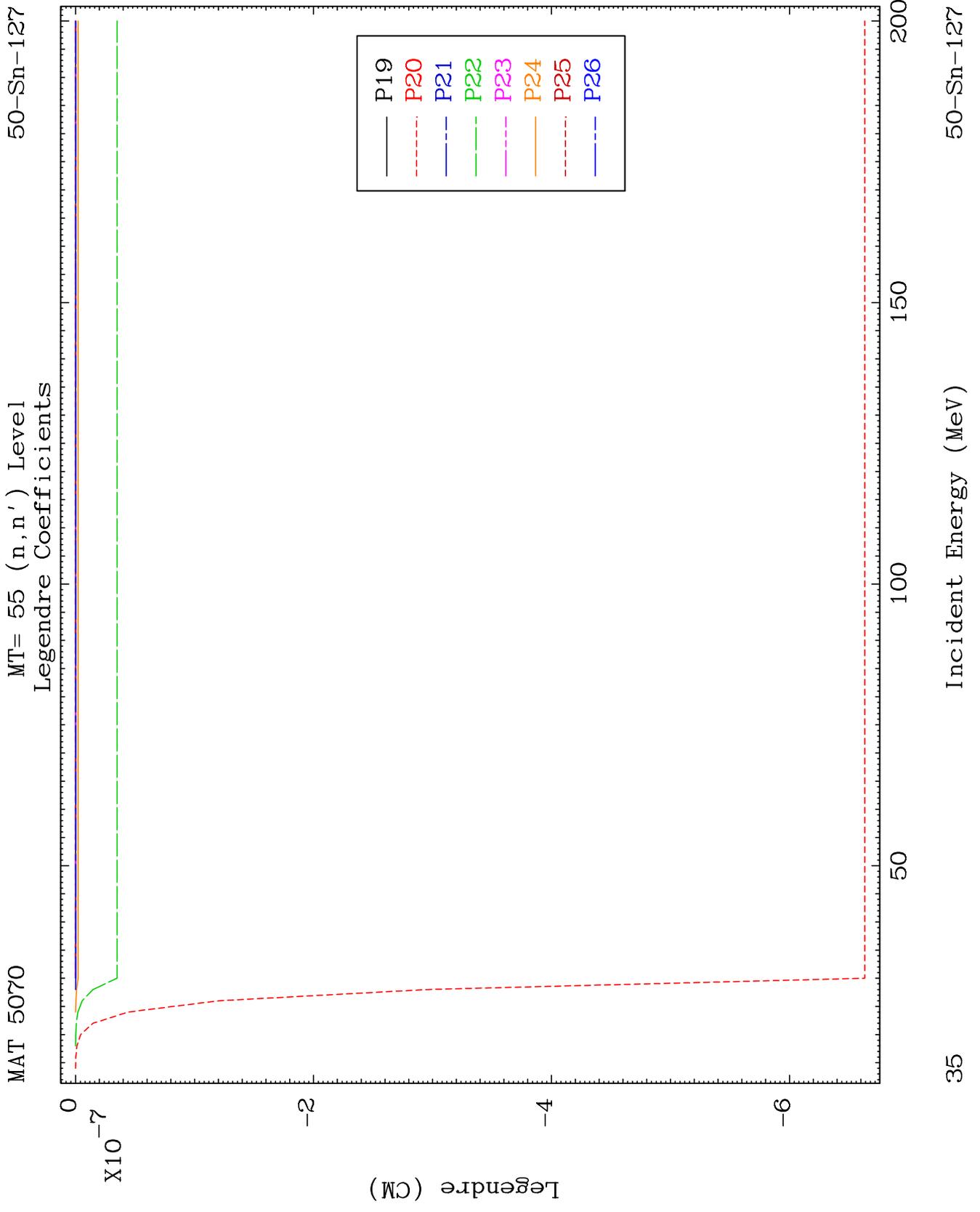
50-Sn-127

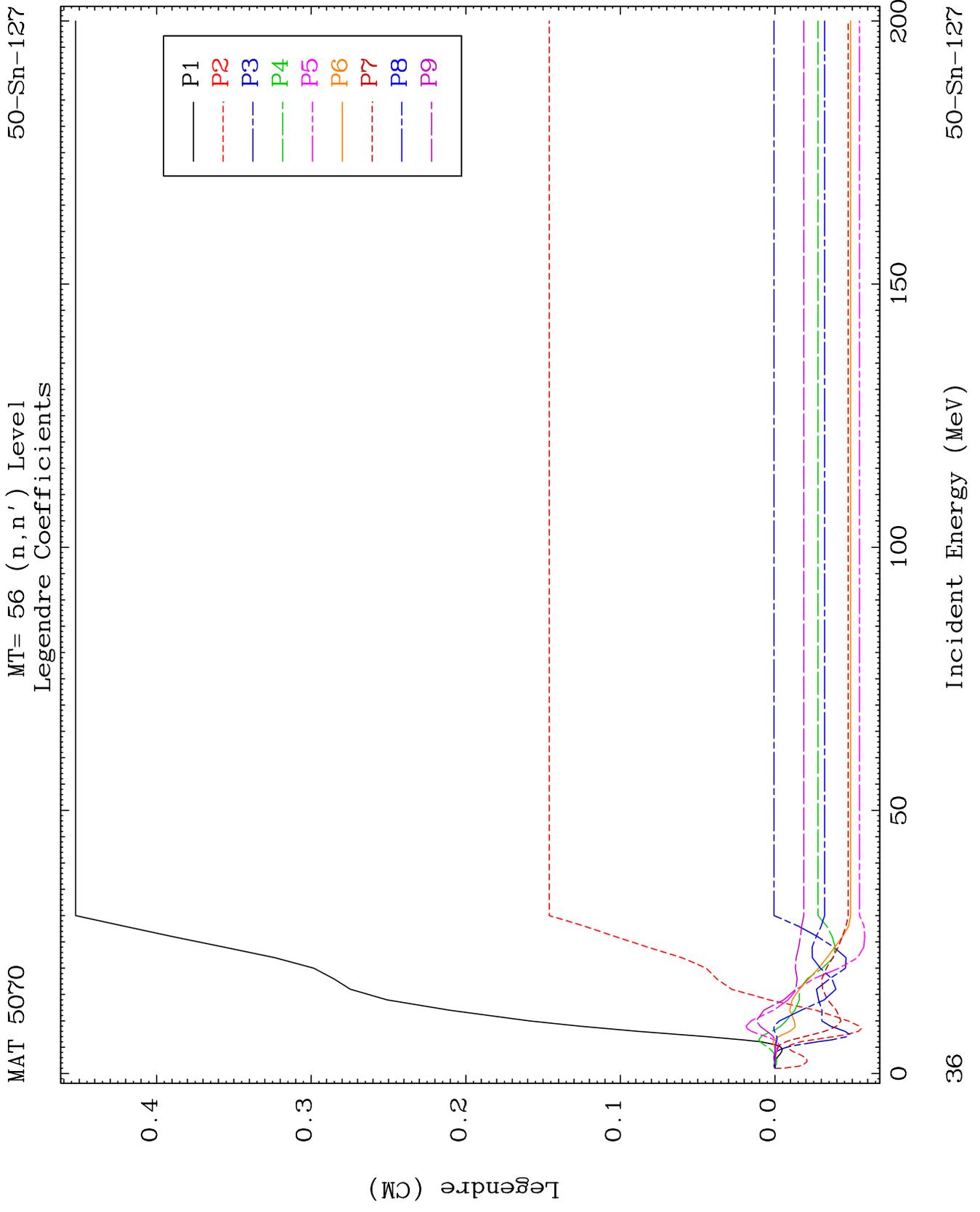


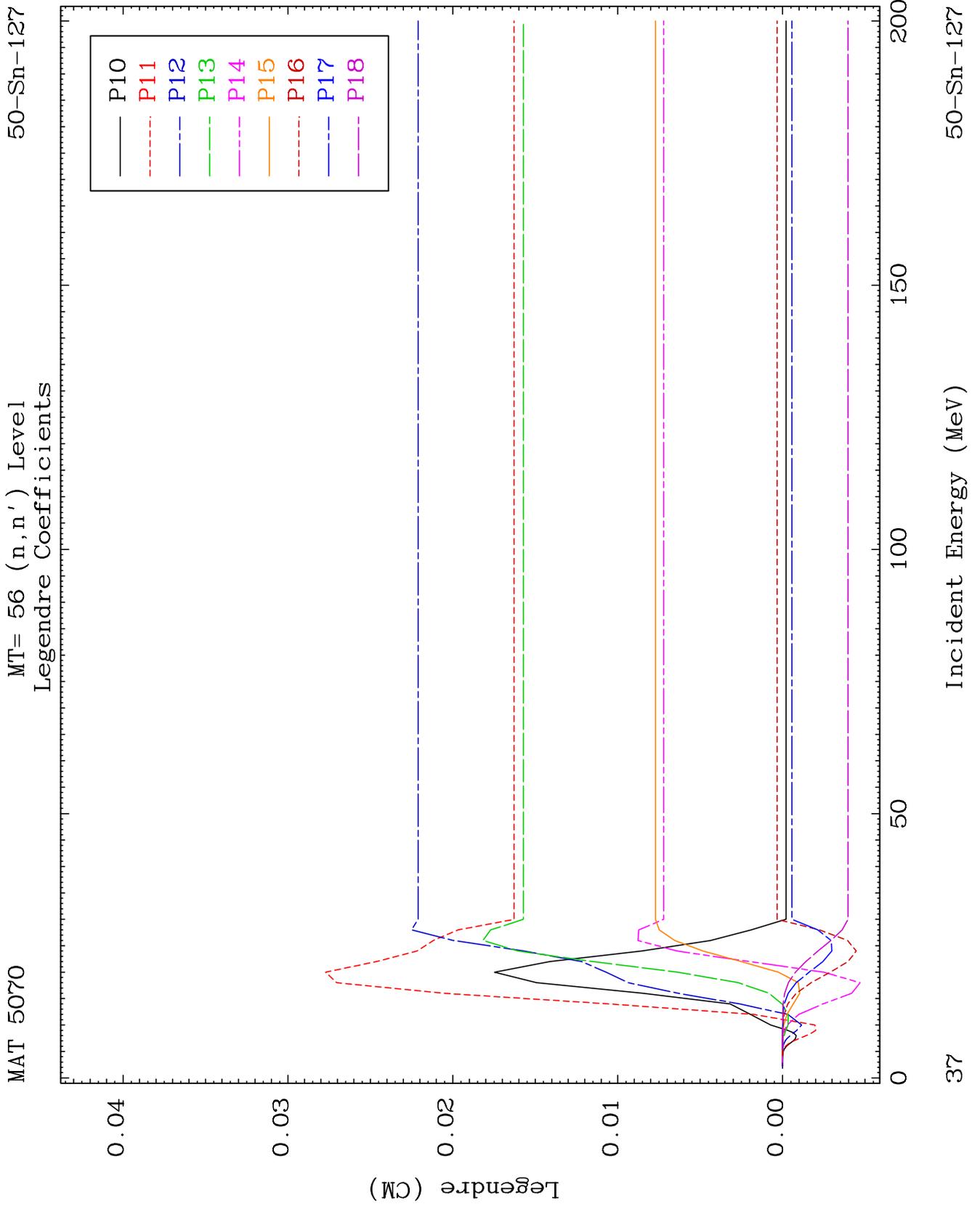
34

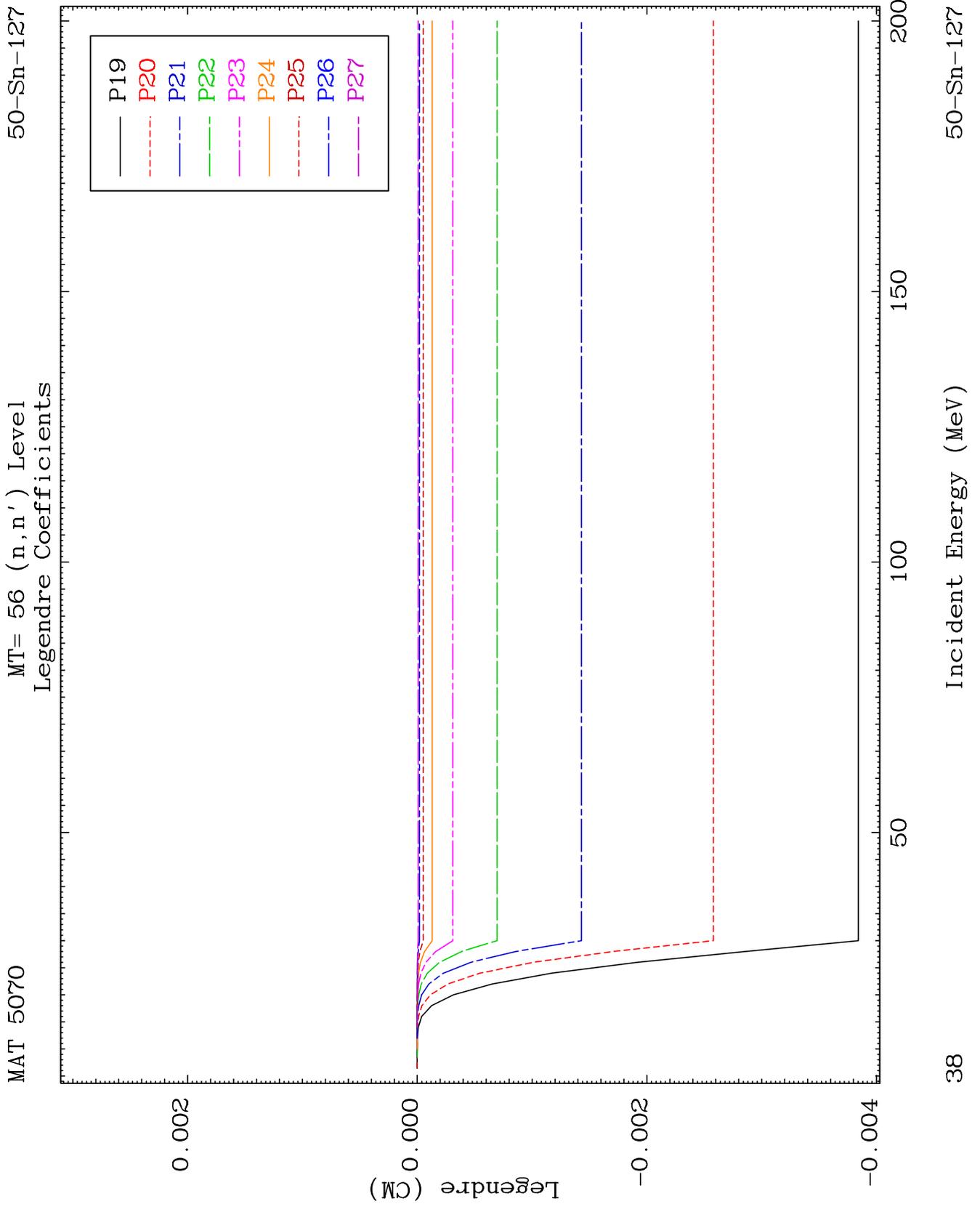
Incident Energy (MeV)

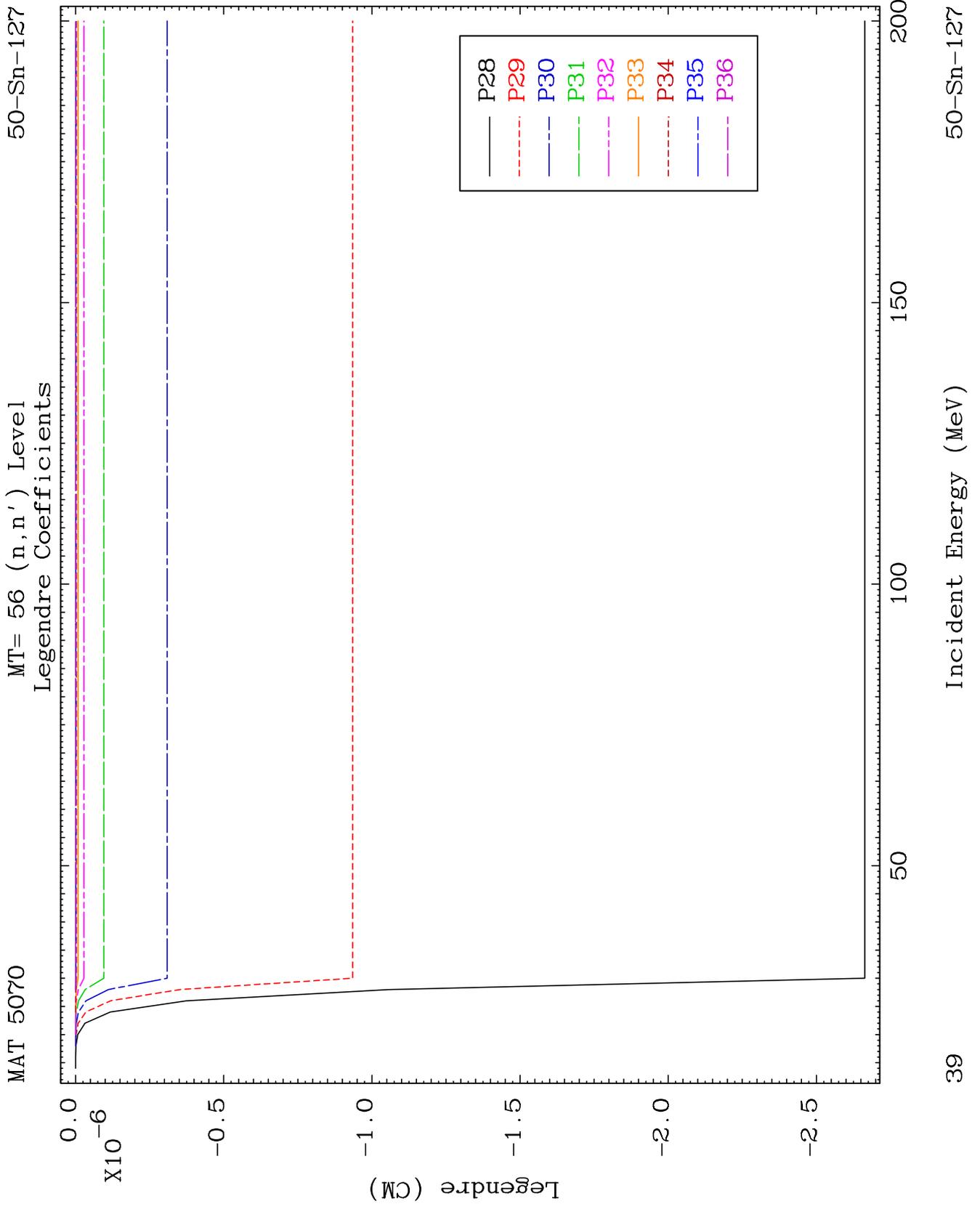
50-Sn-127

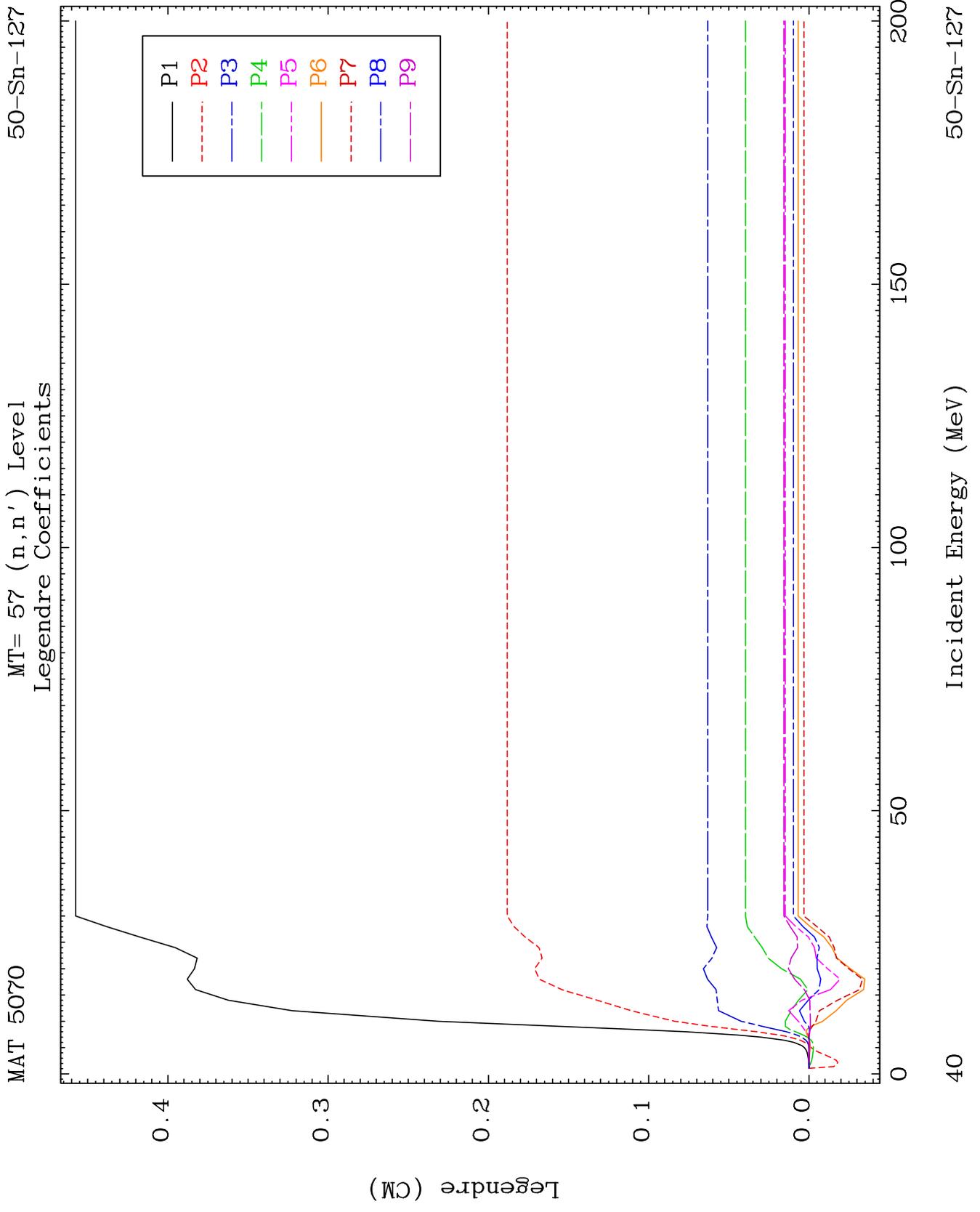








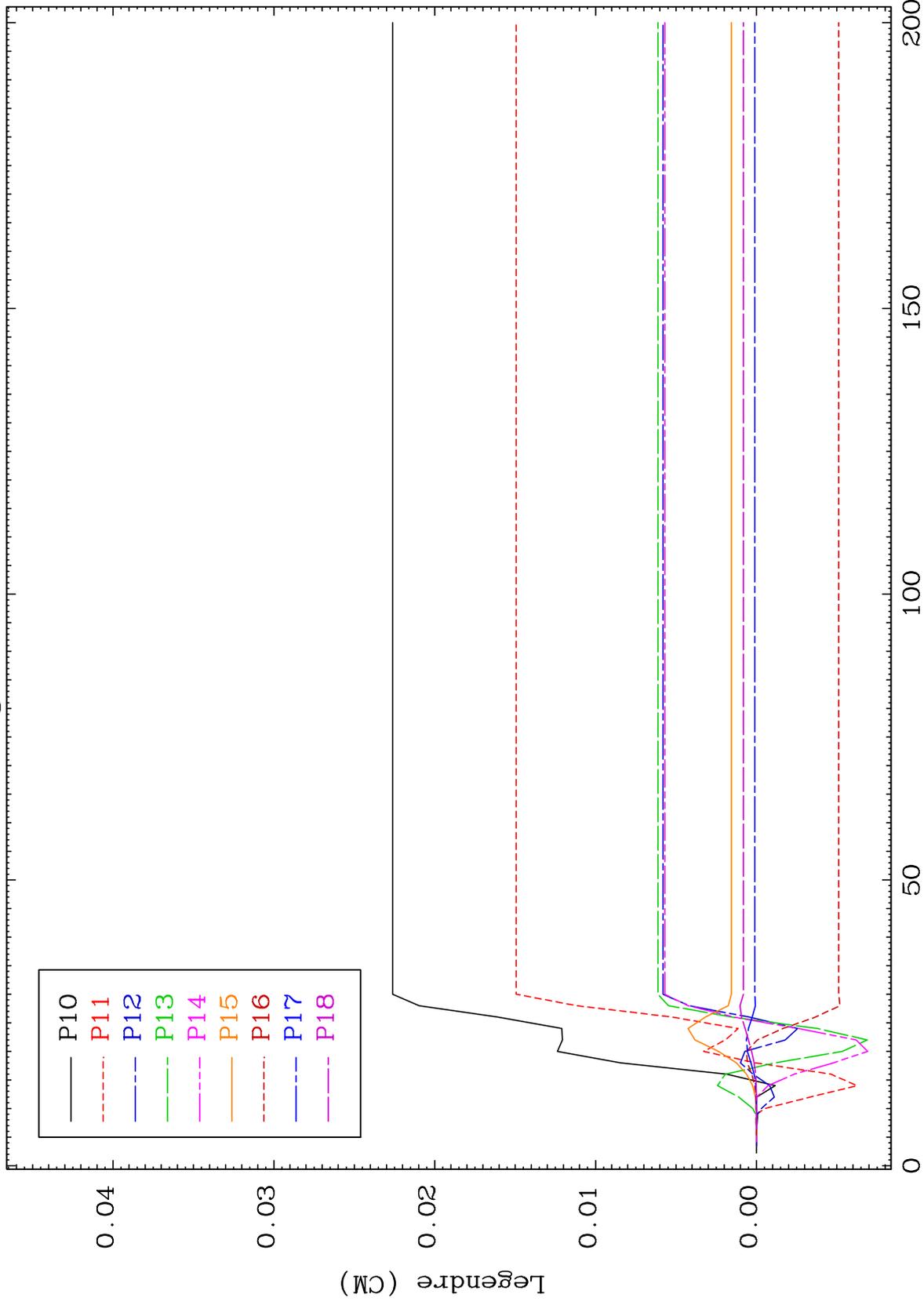


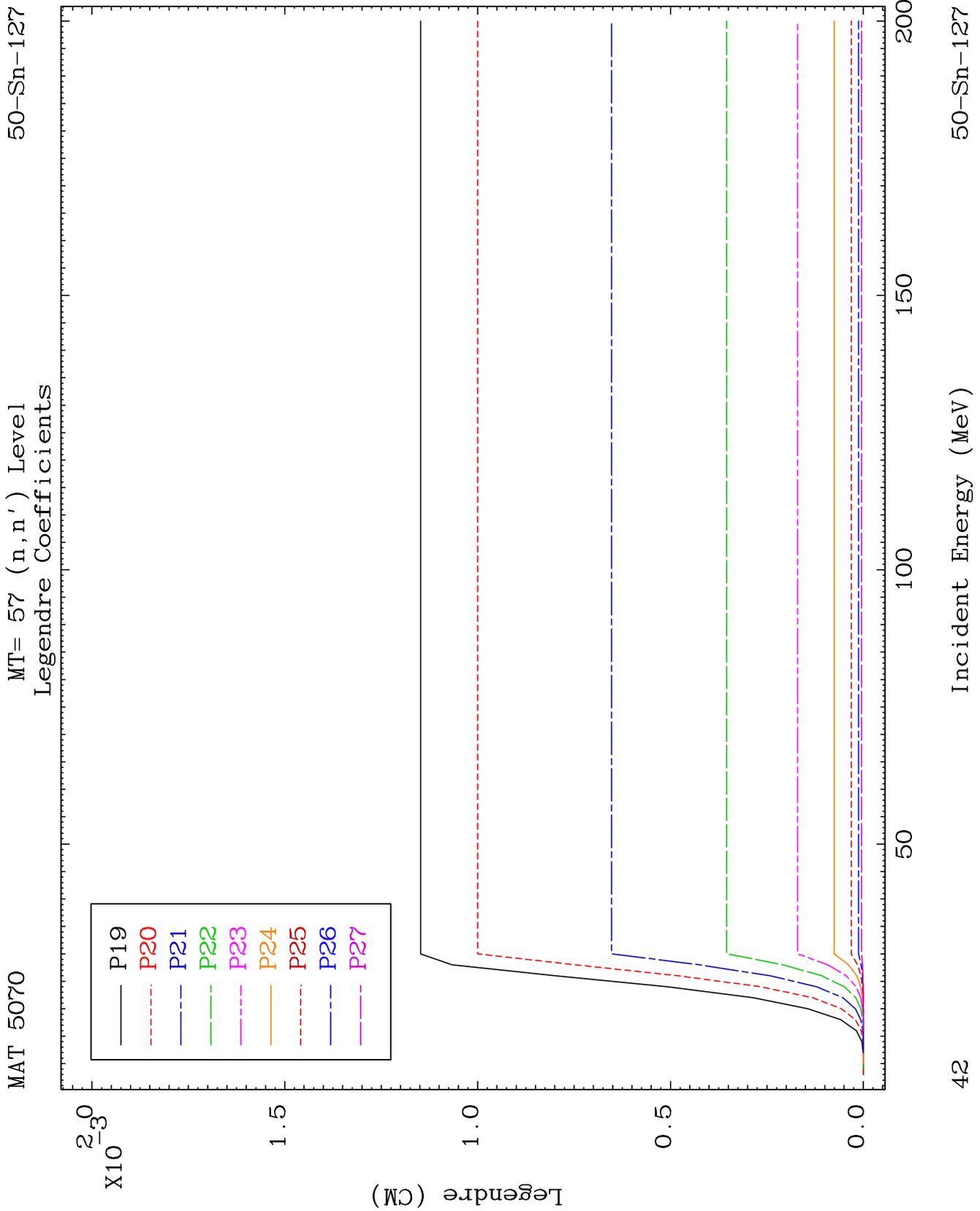


MAT 5070

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

50-Sn-127

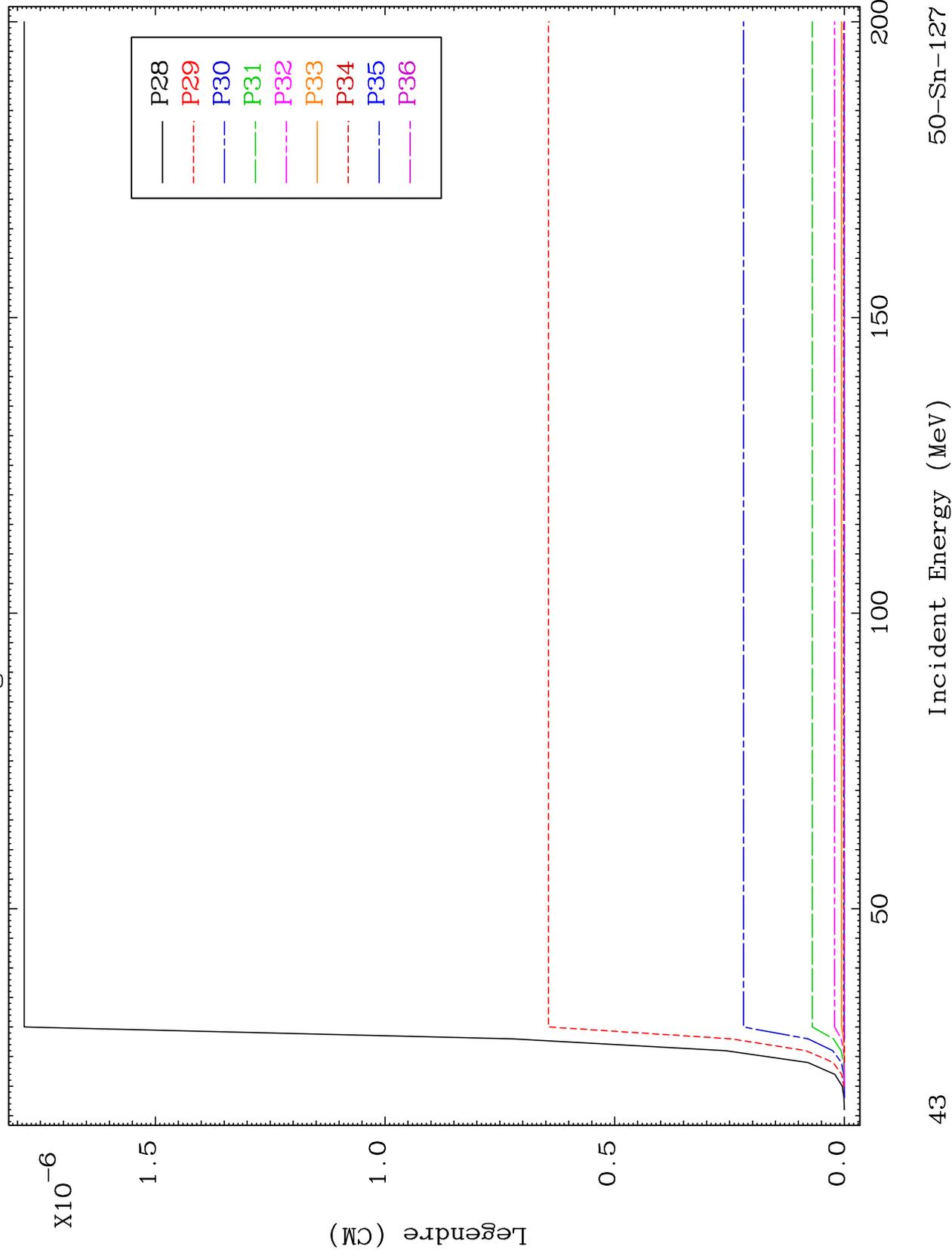




MAT 5070

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

50-Sn-127



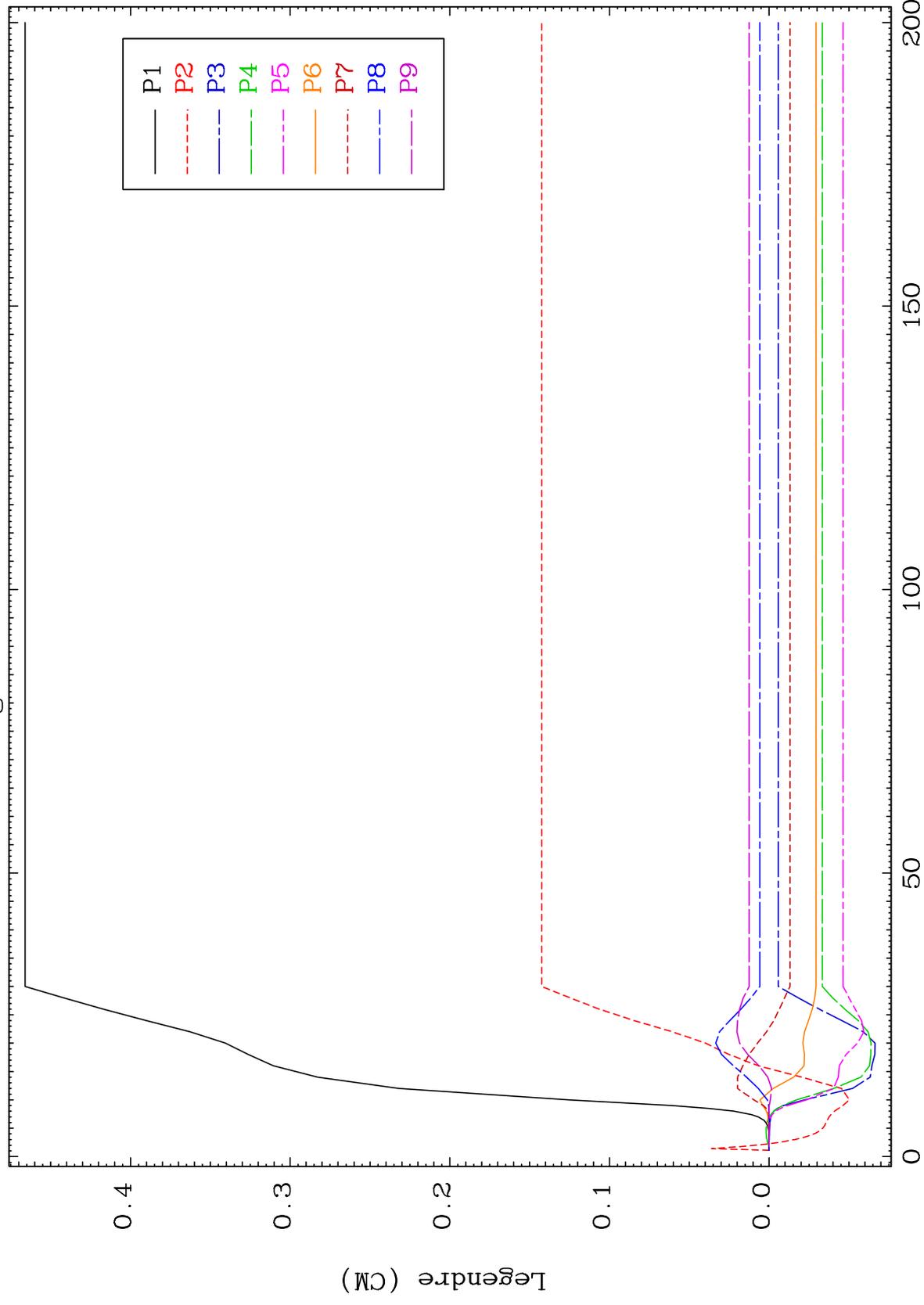
43

50-Sn-127

MAT 5070

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

50-Sn-127



44

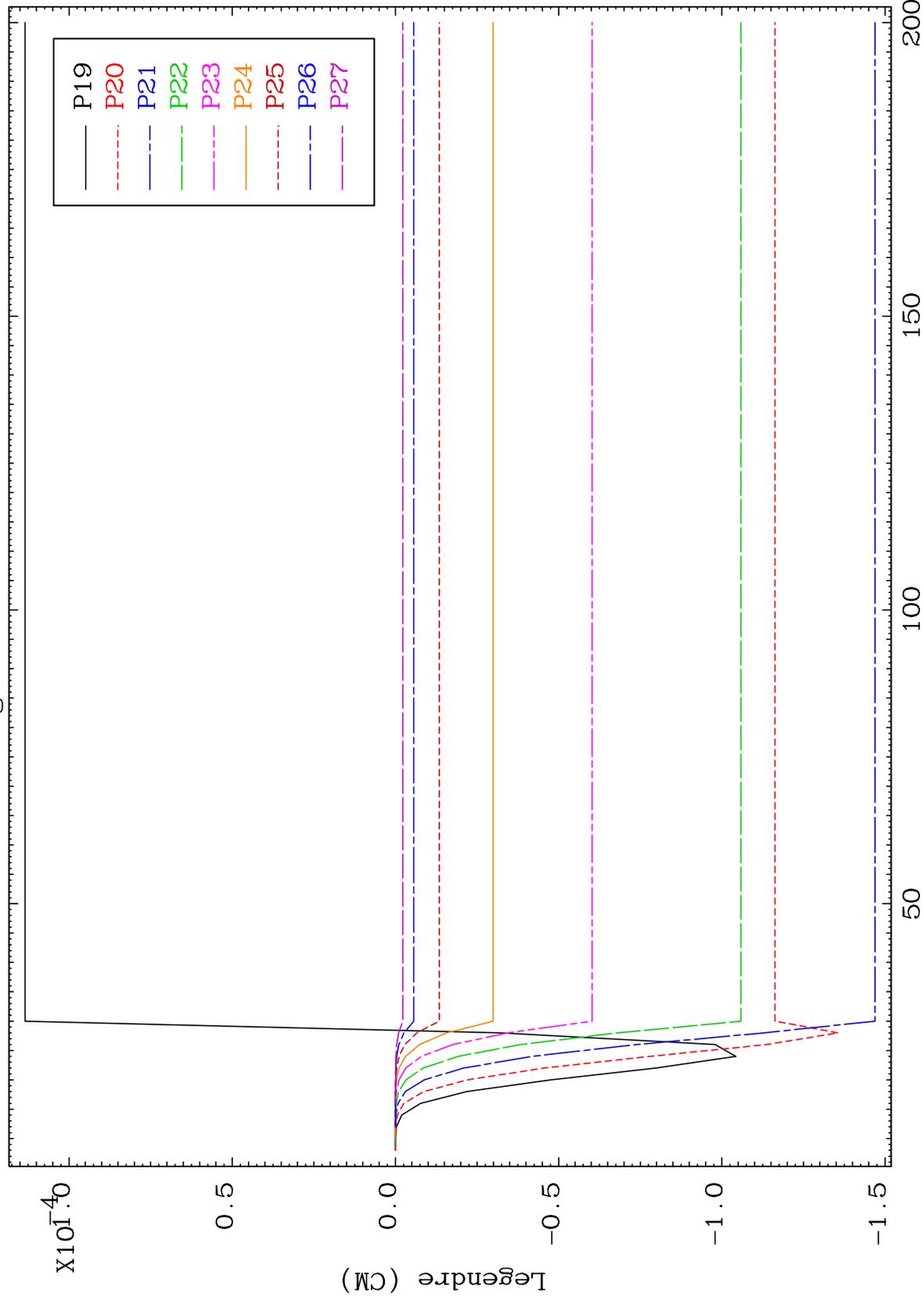
Incident Energy (MeV)

50-Sn-127

MAT 5070

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

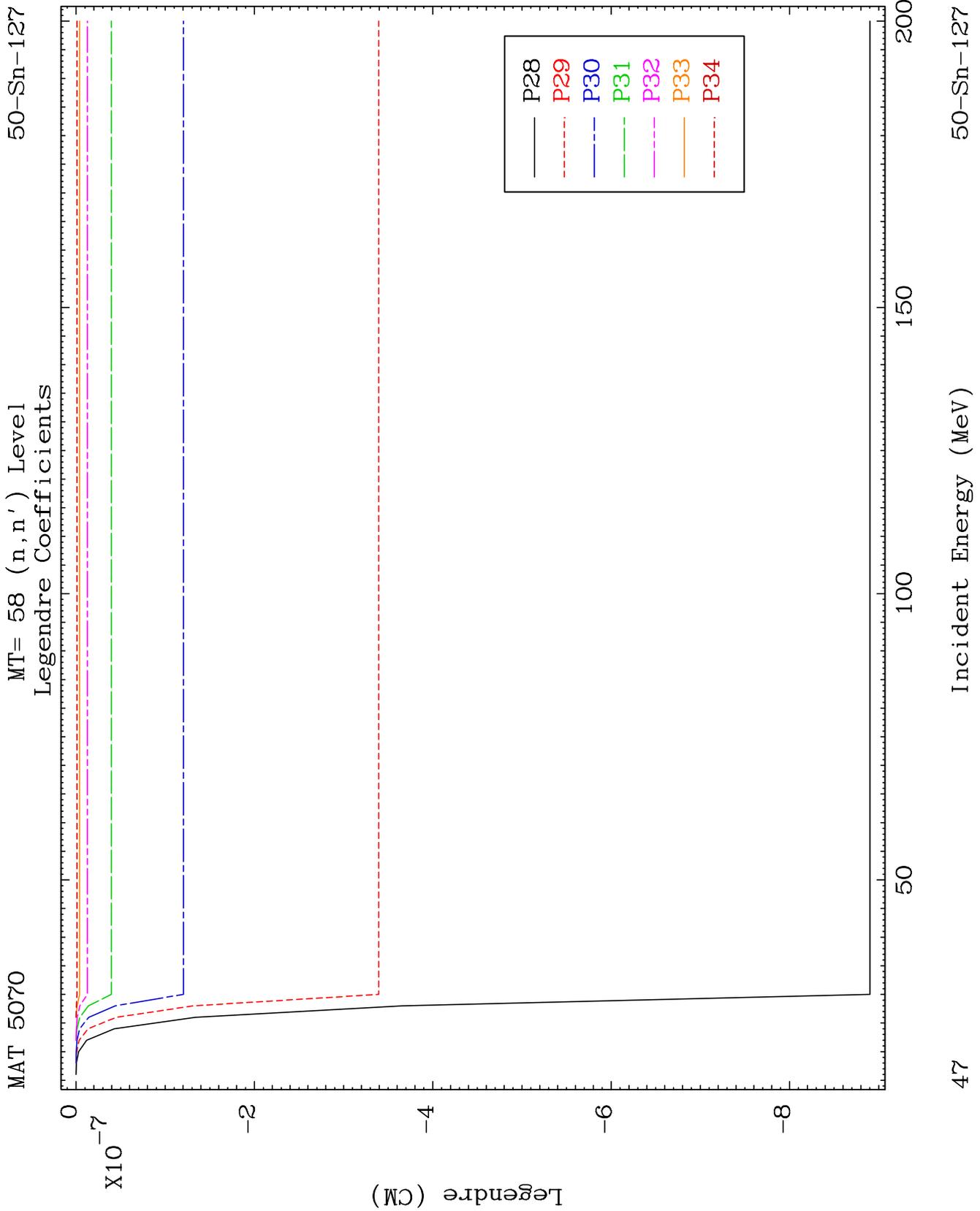
50-Sn-127

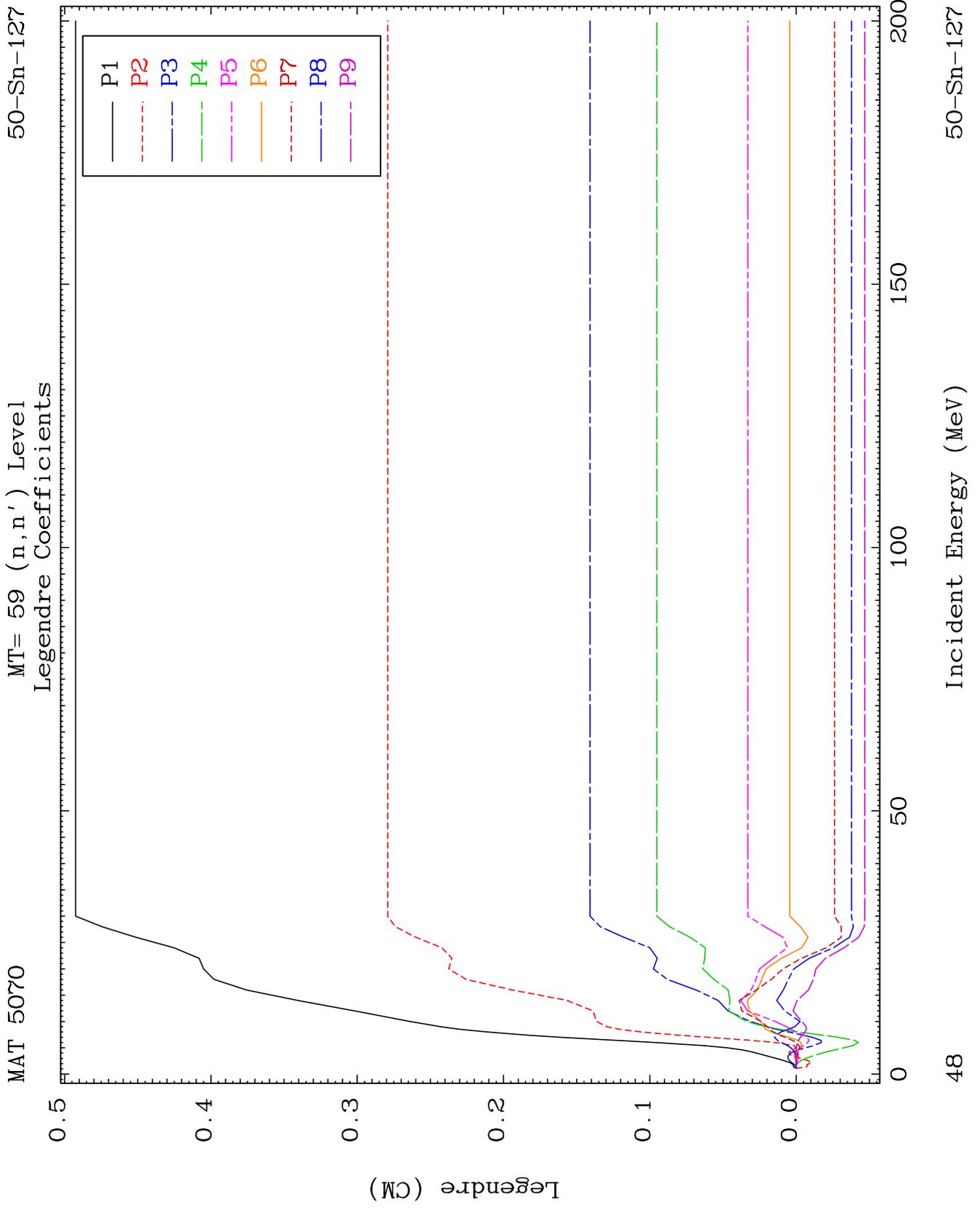


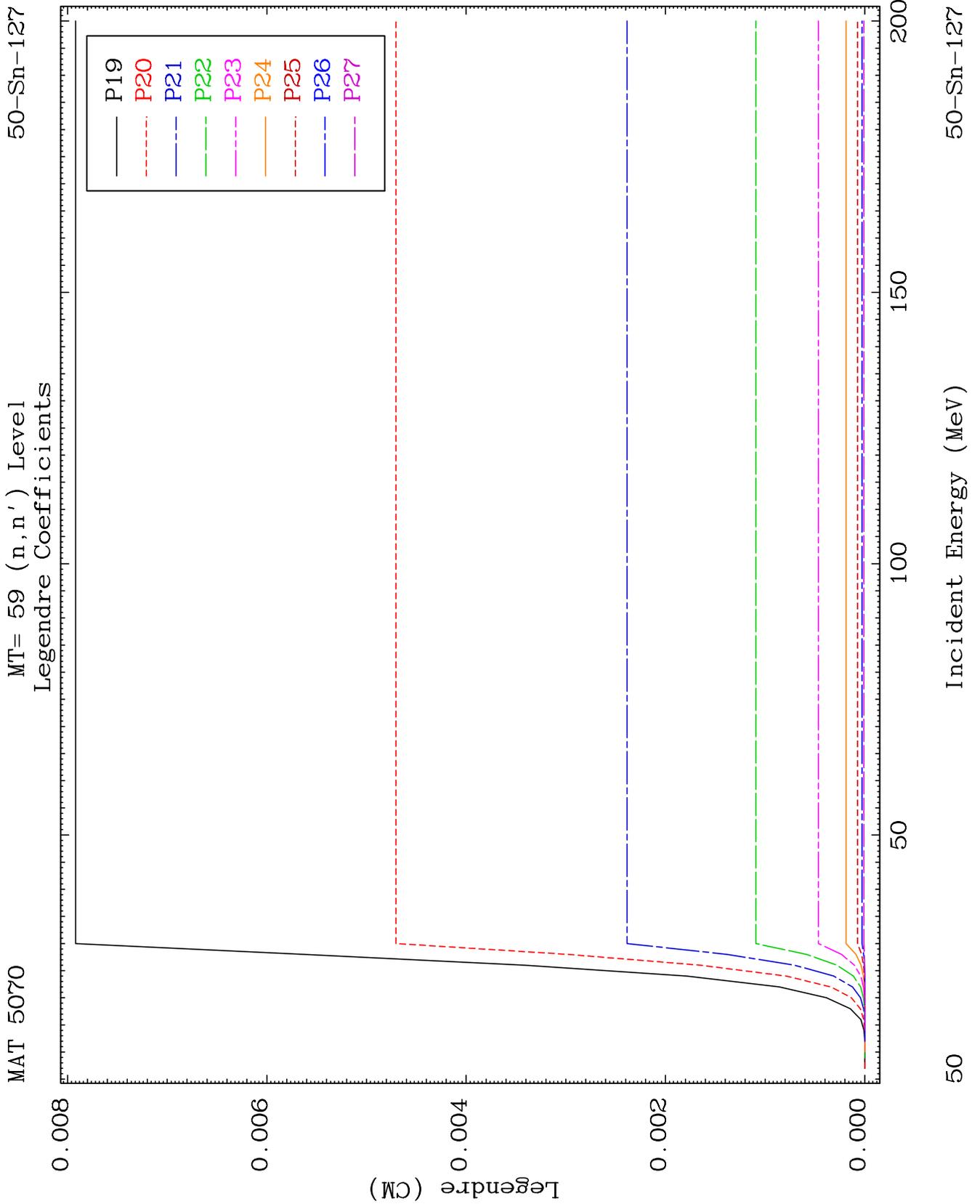
46

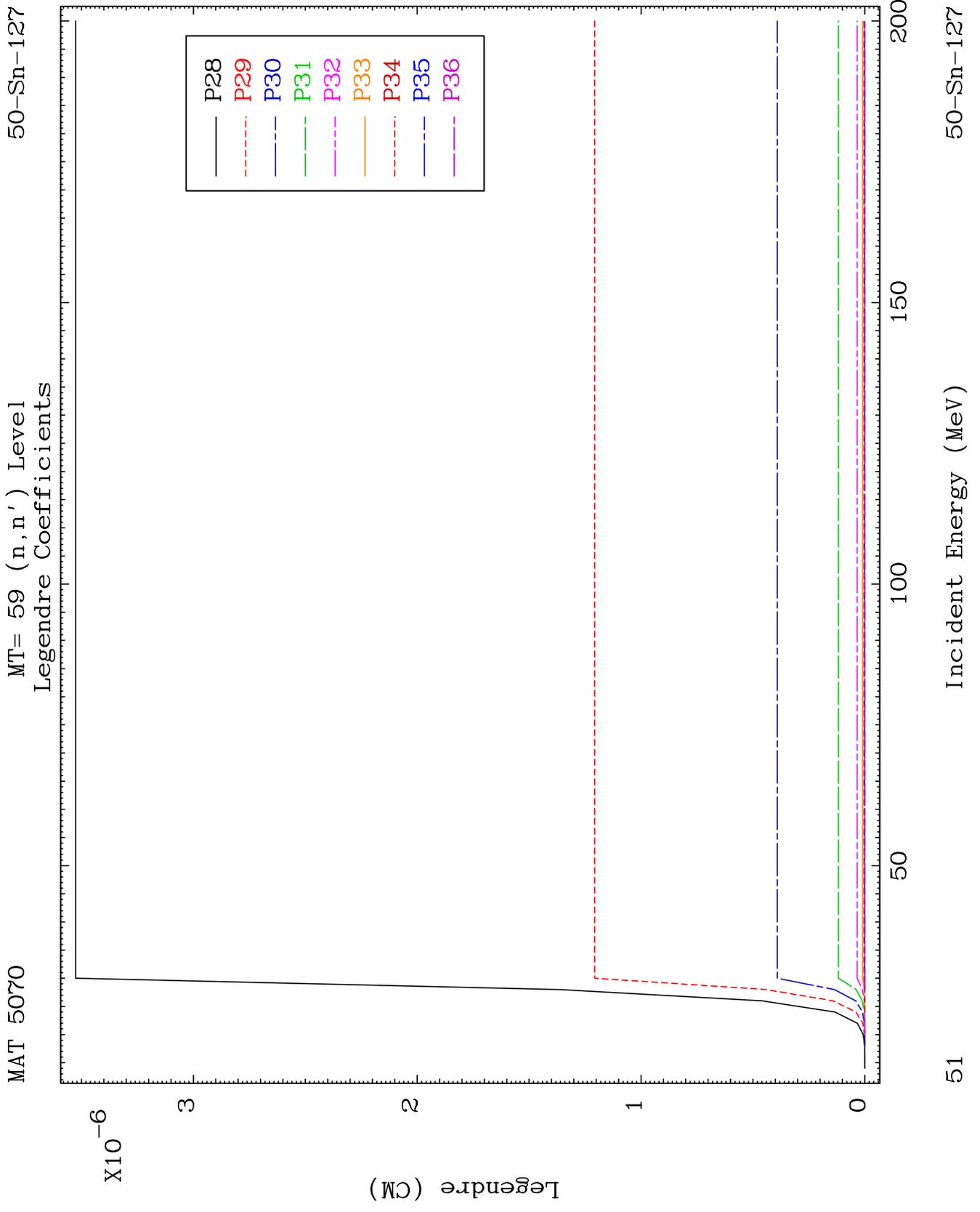
Incident Energy (MeV)

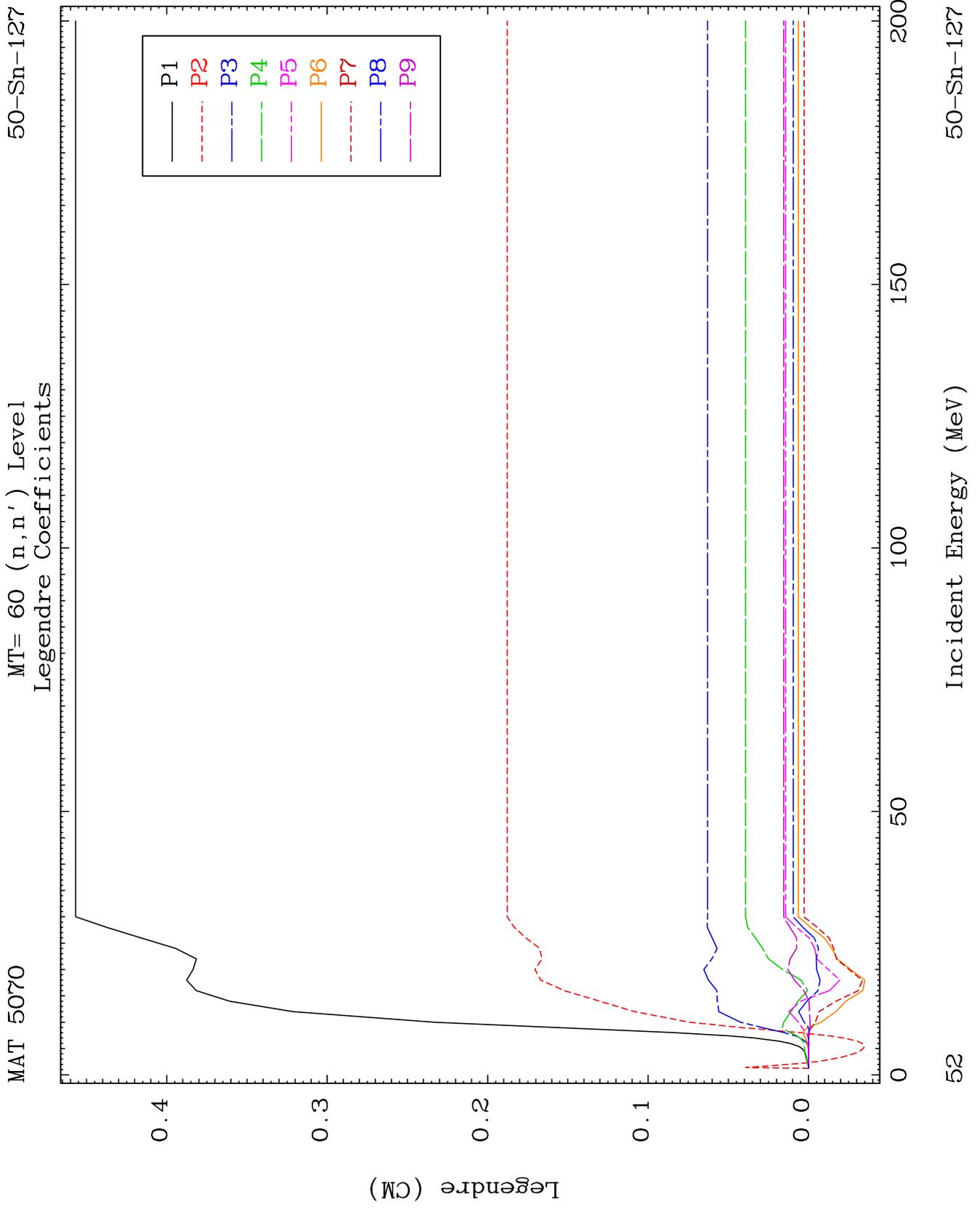
50-Sn-127

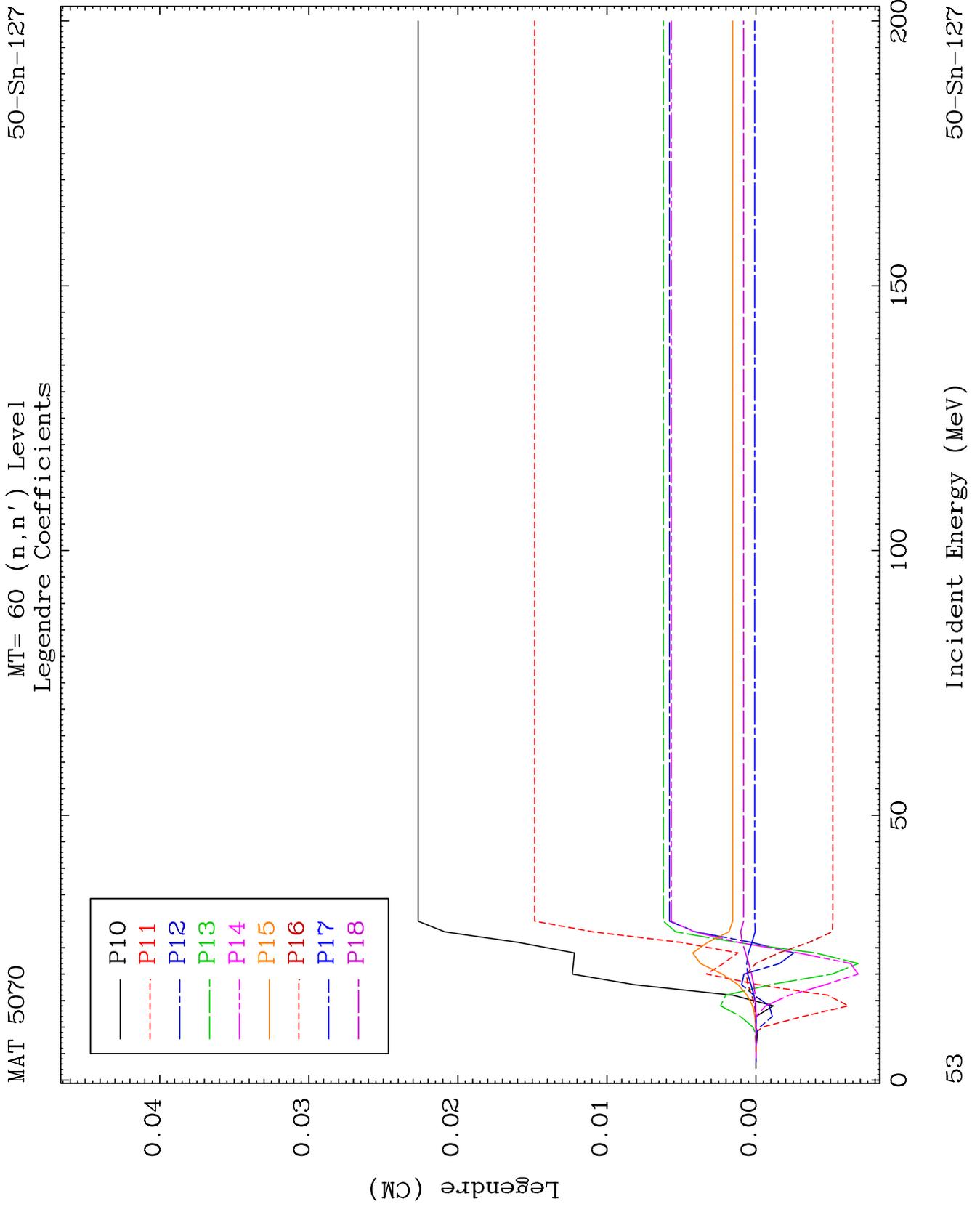


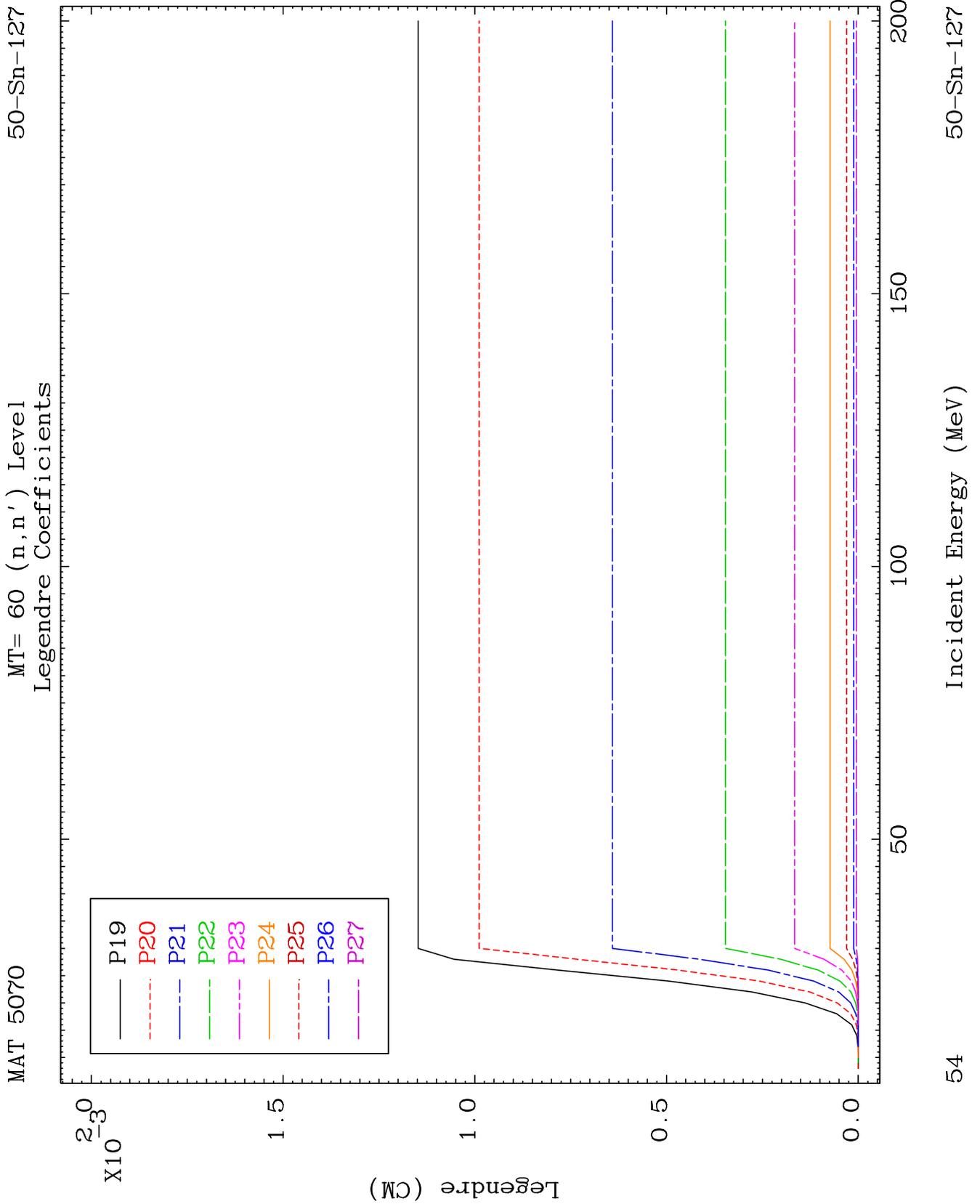


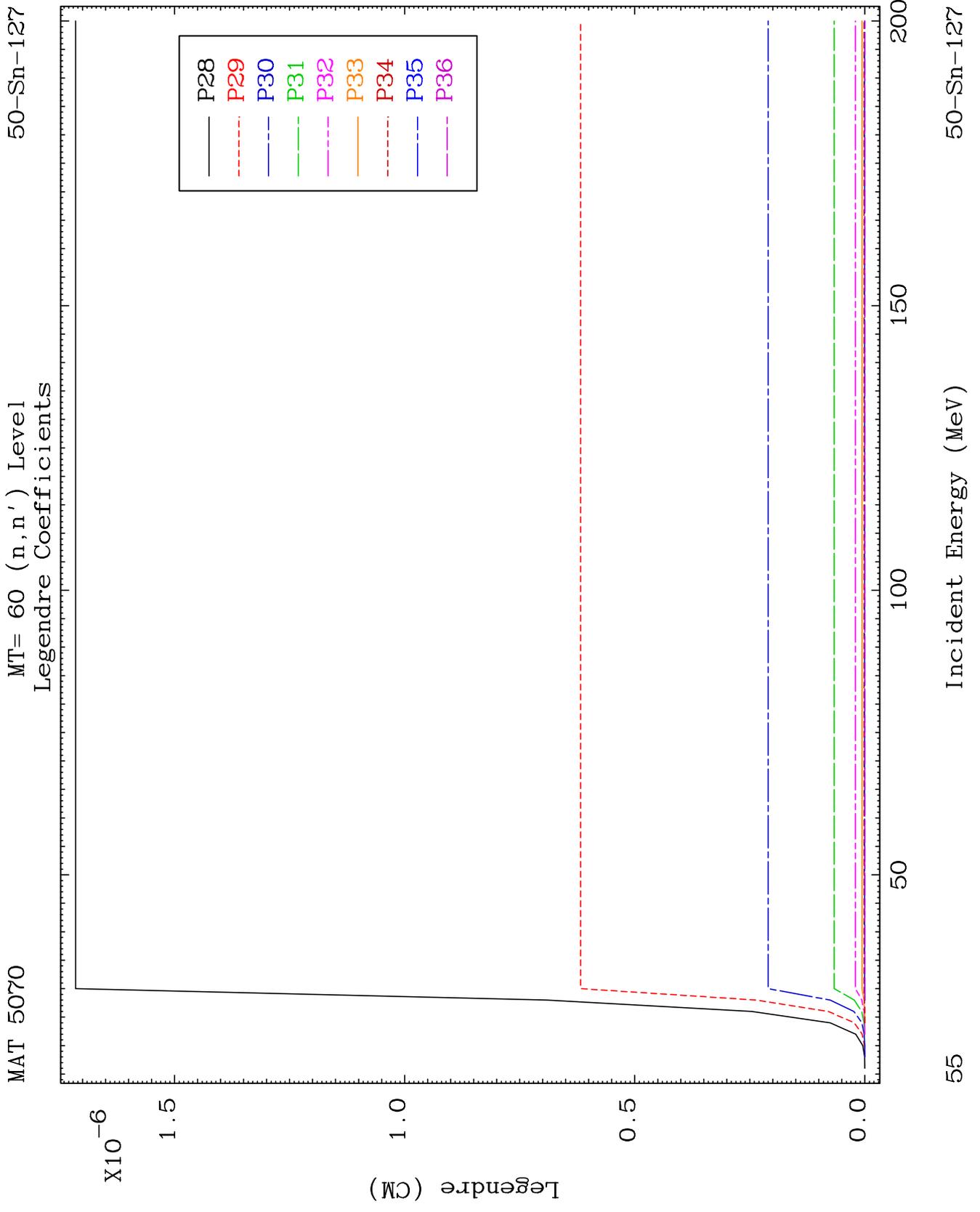


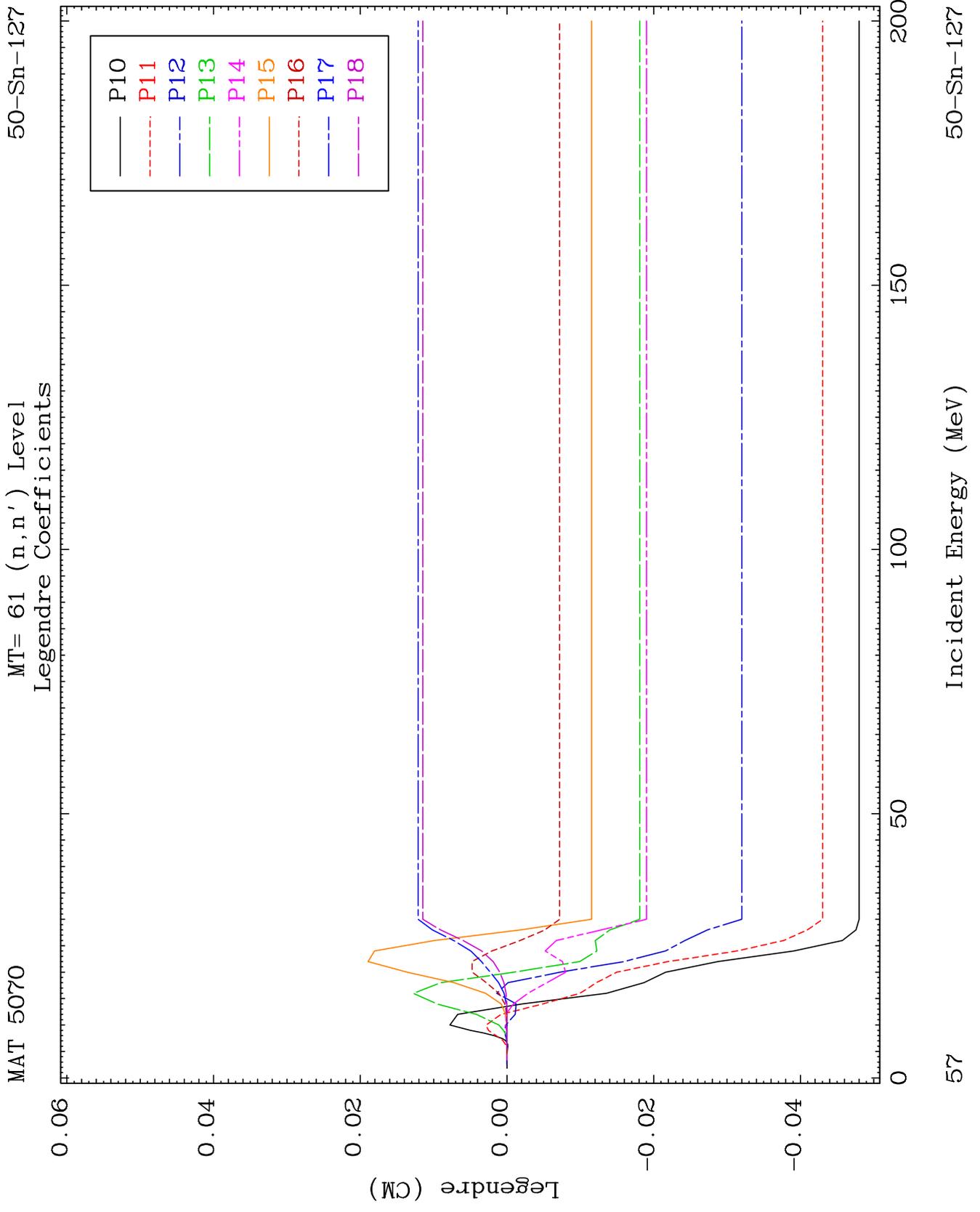


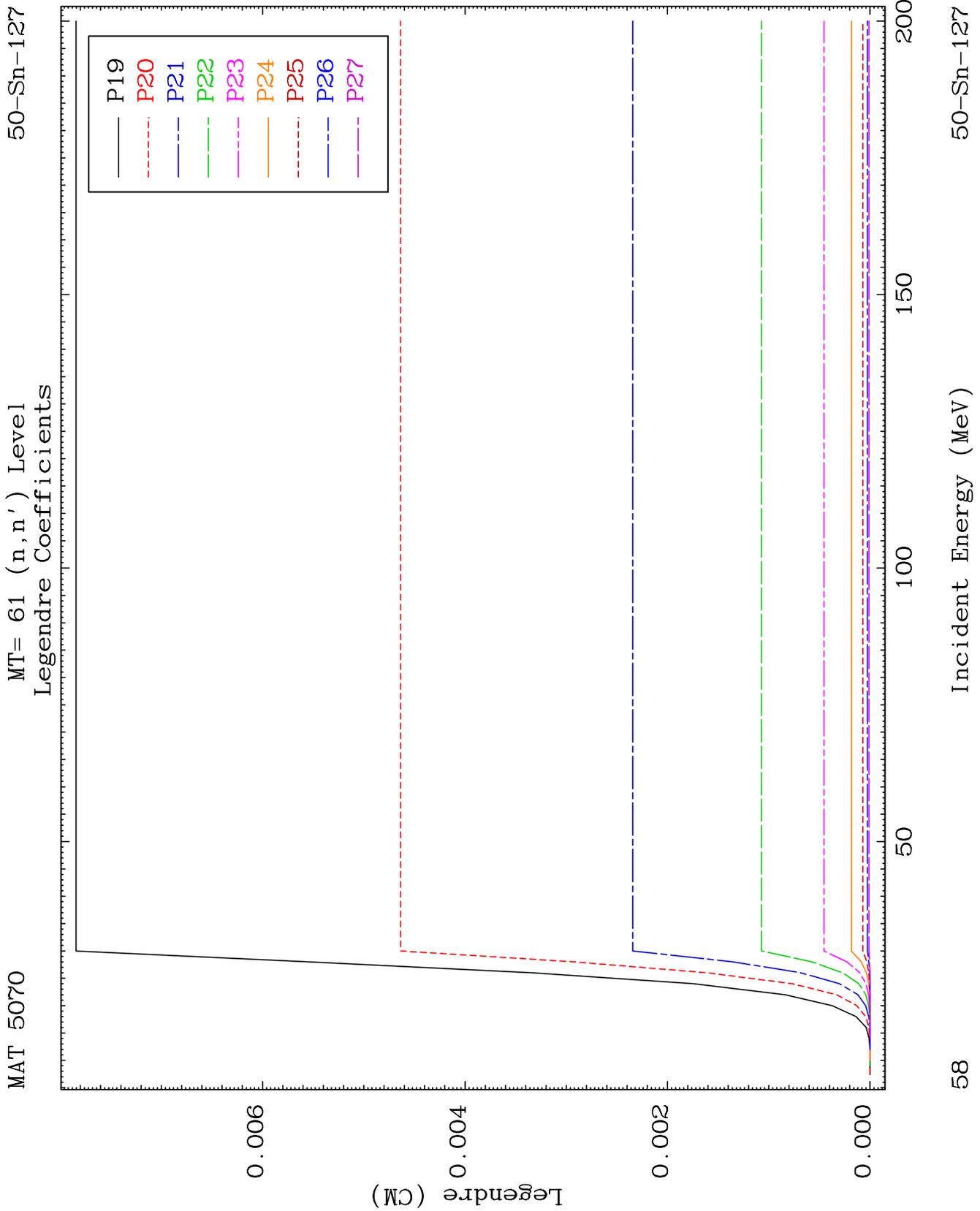


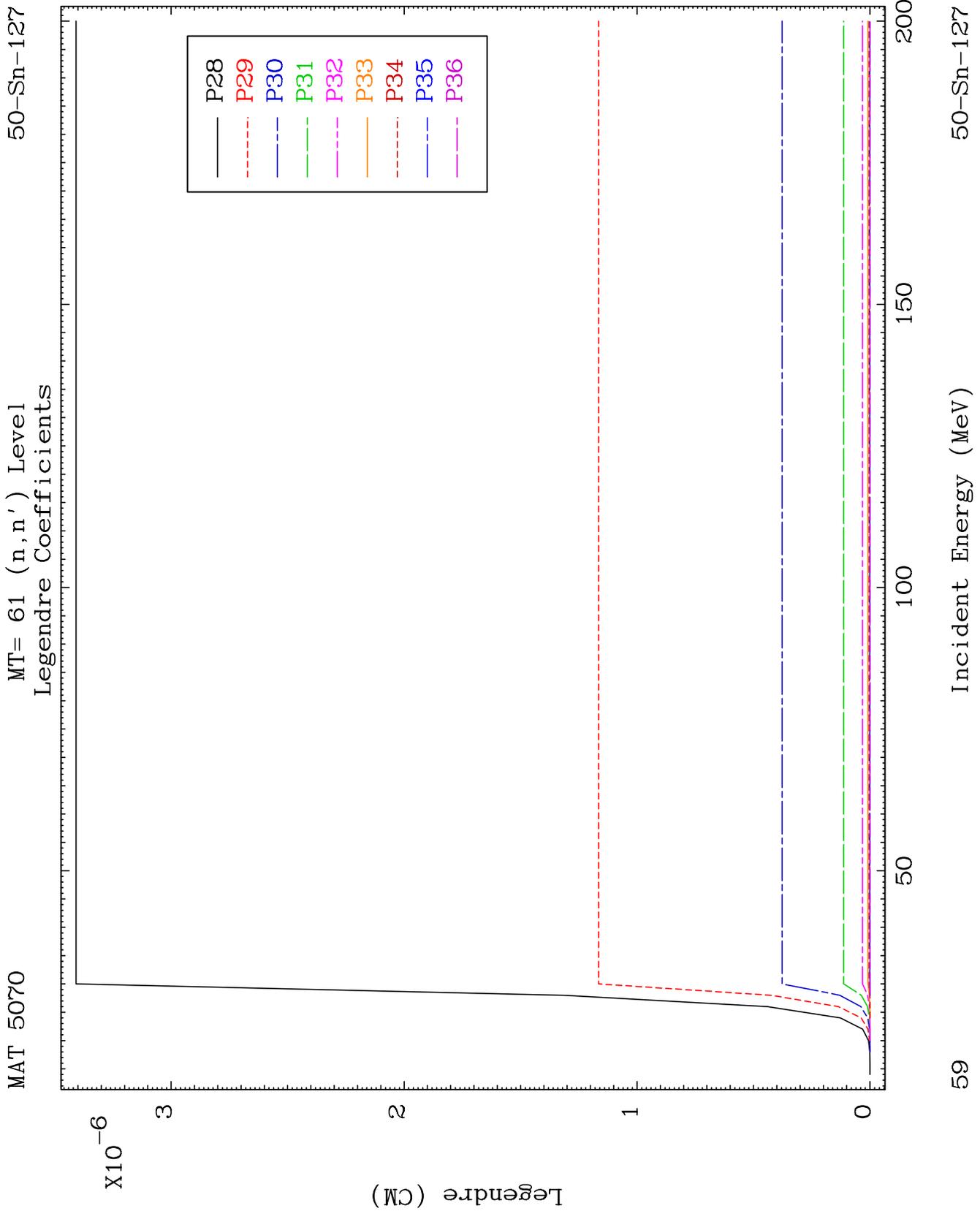








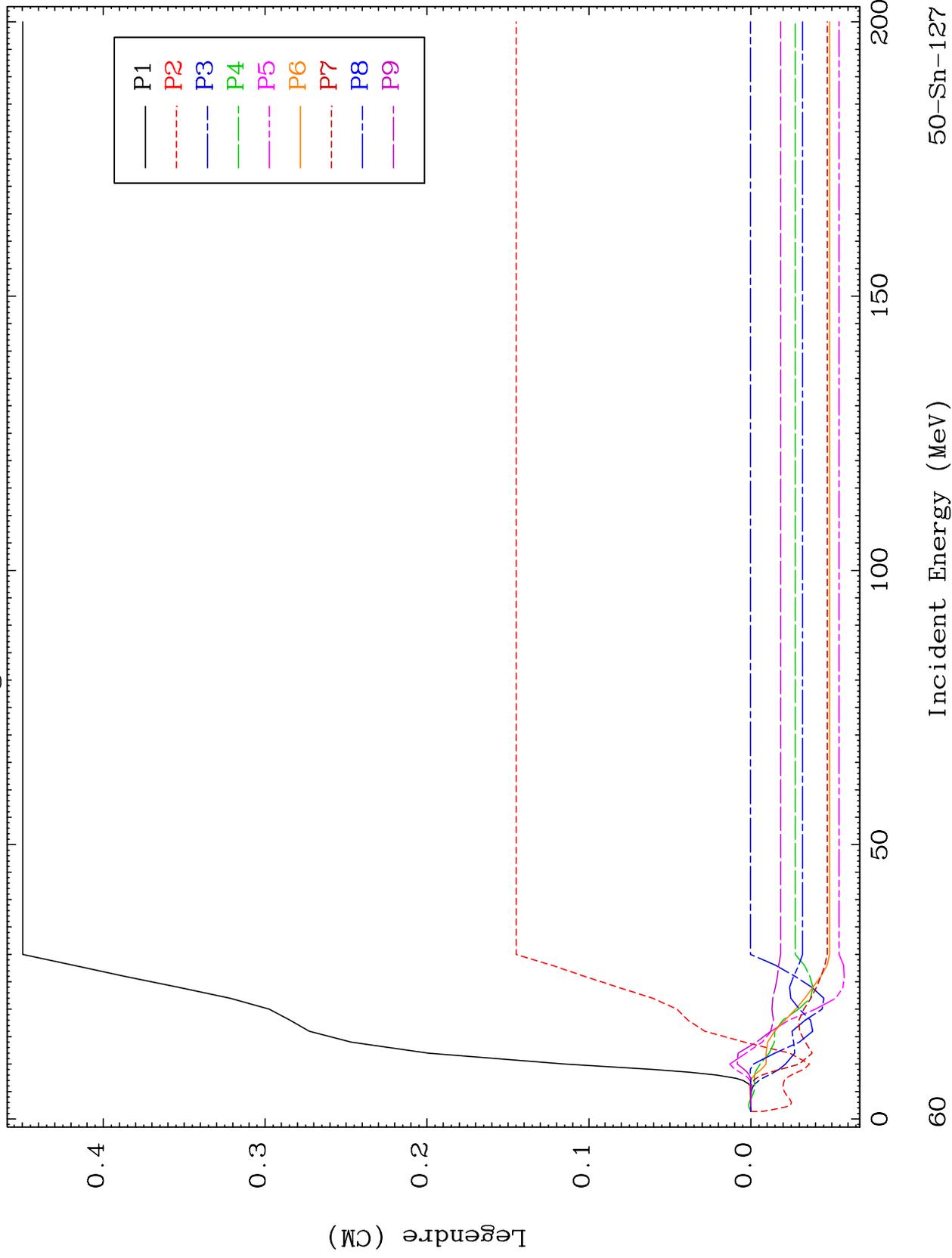


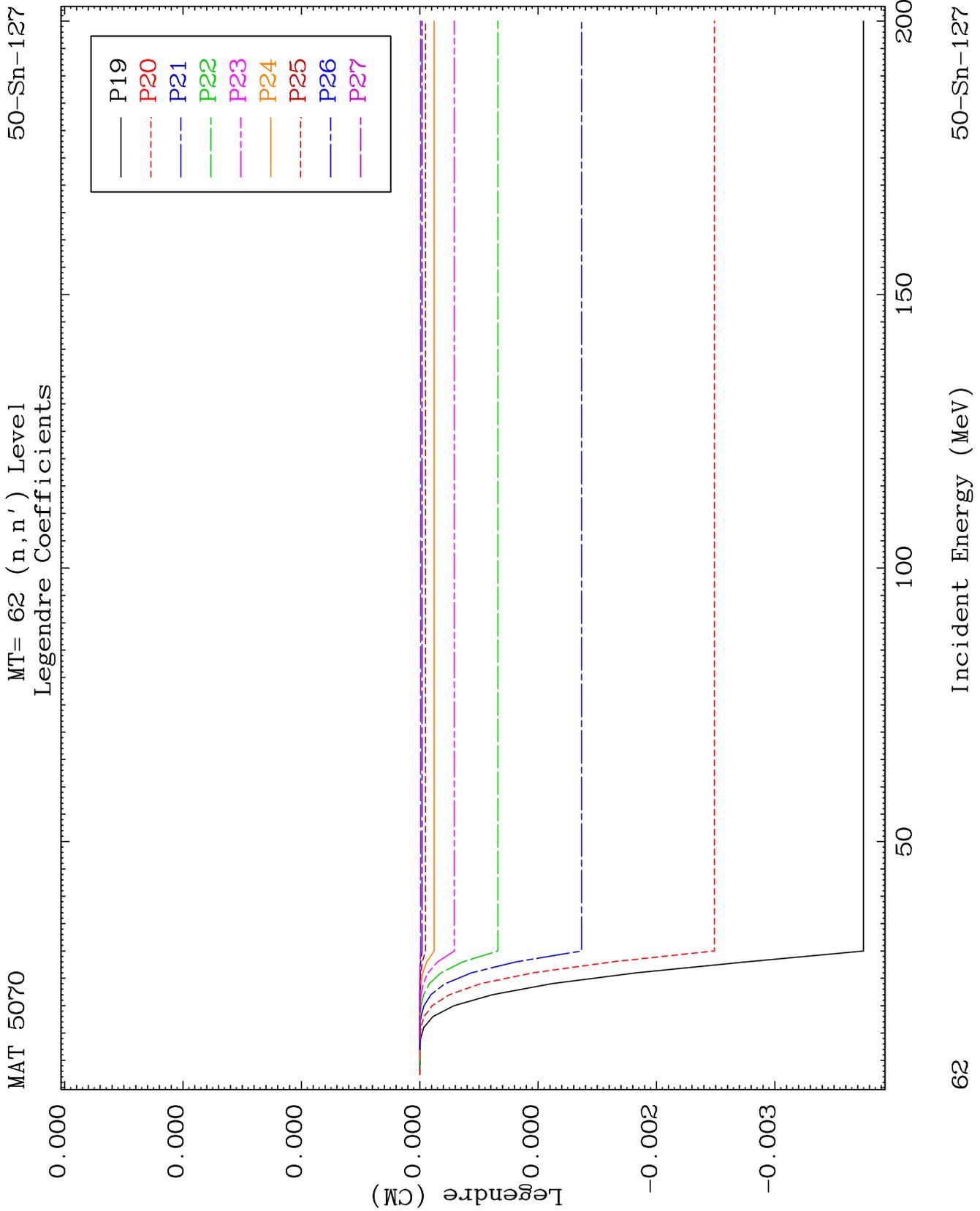


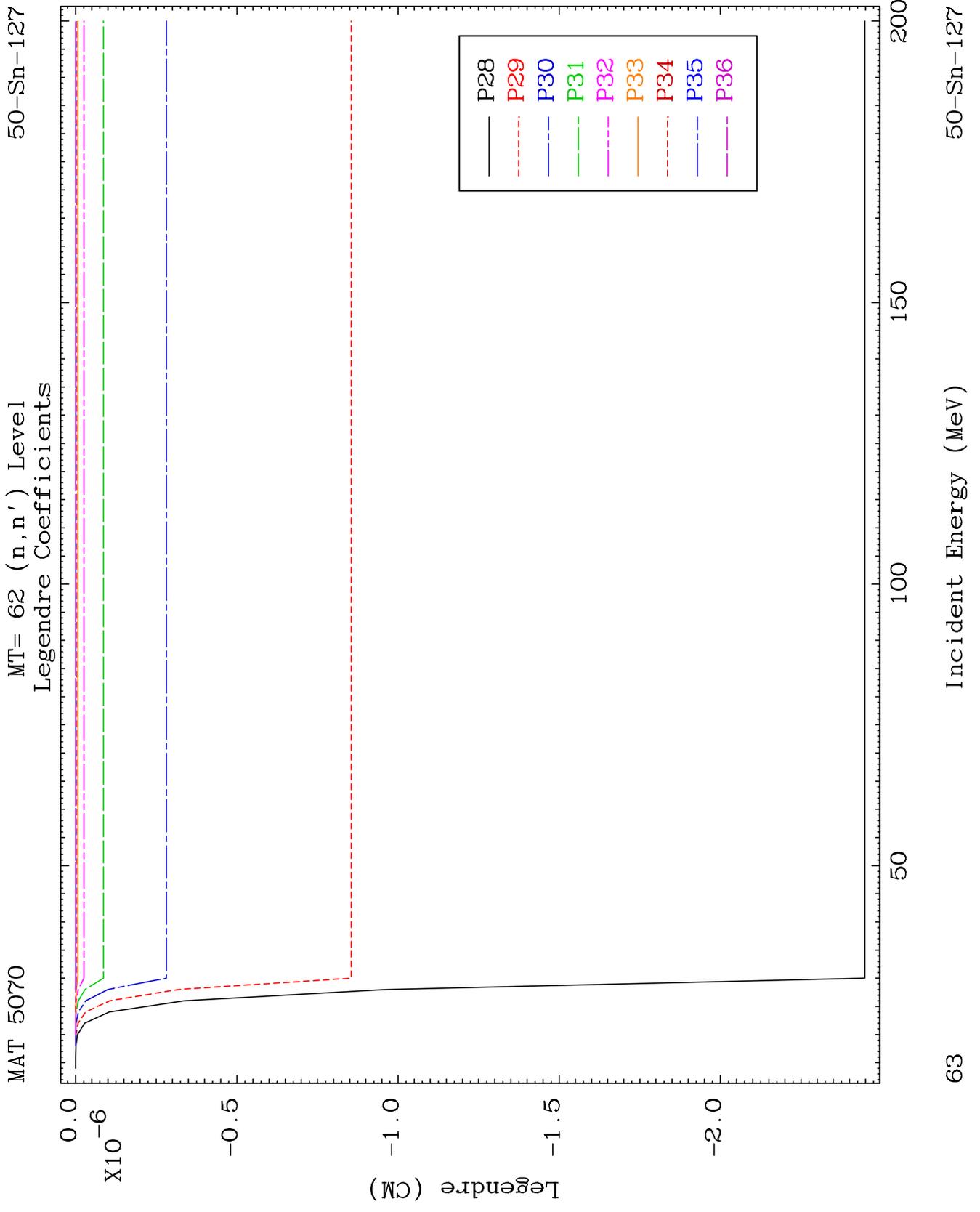
MAT 5070

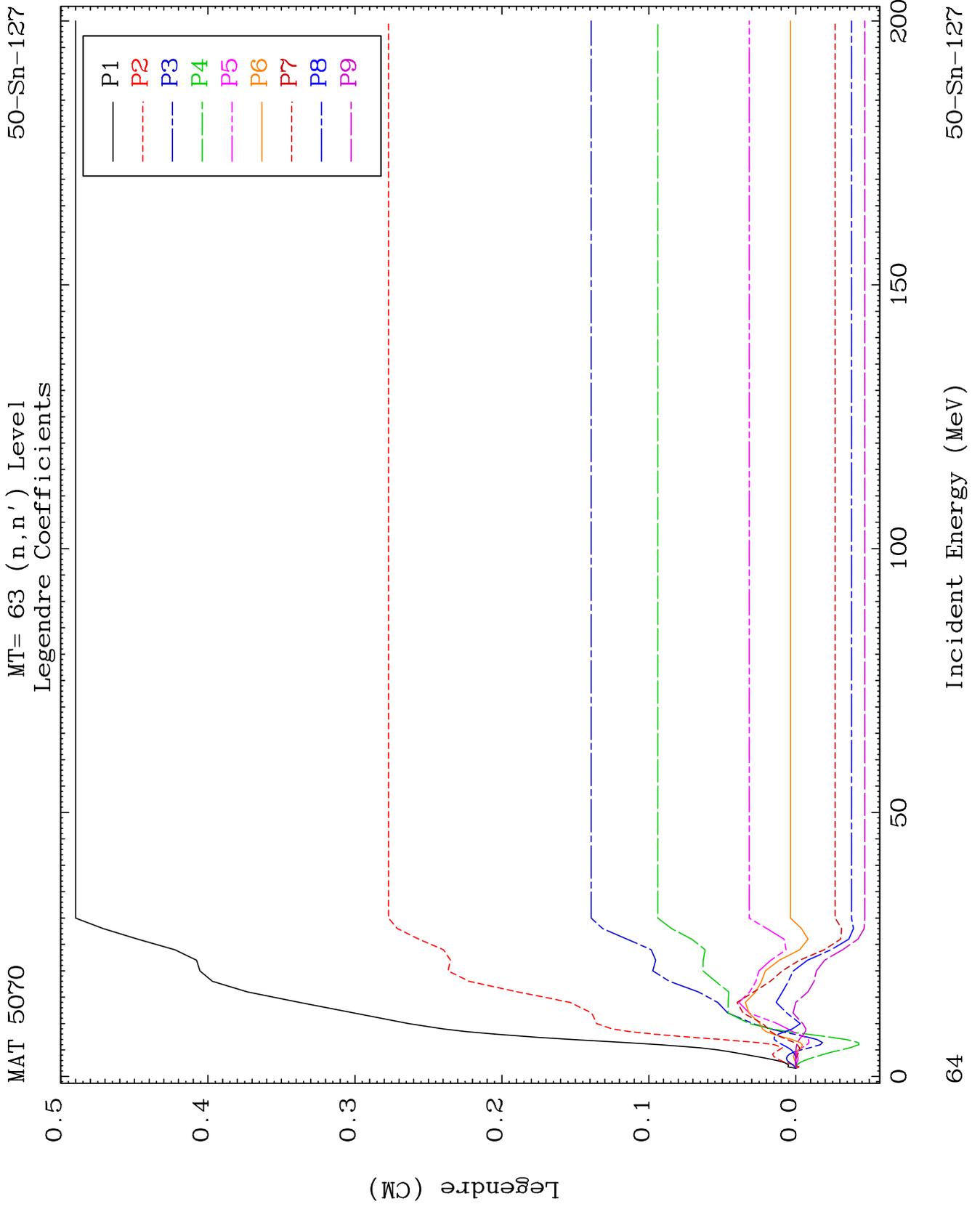
MT= 62 (n,n') Level
Legendre Coefficients

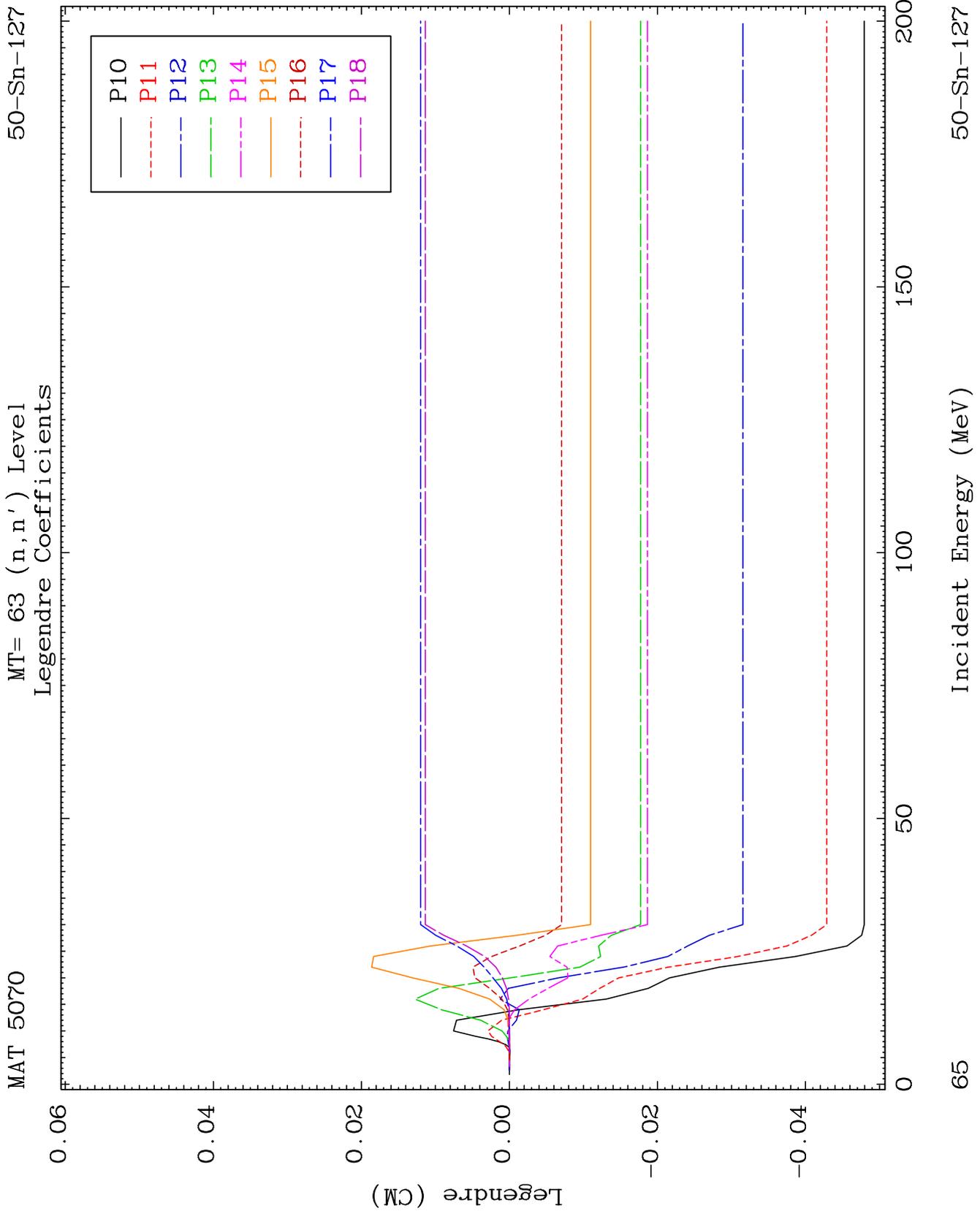
50-Sn-127

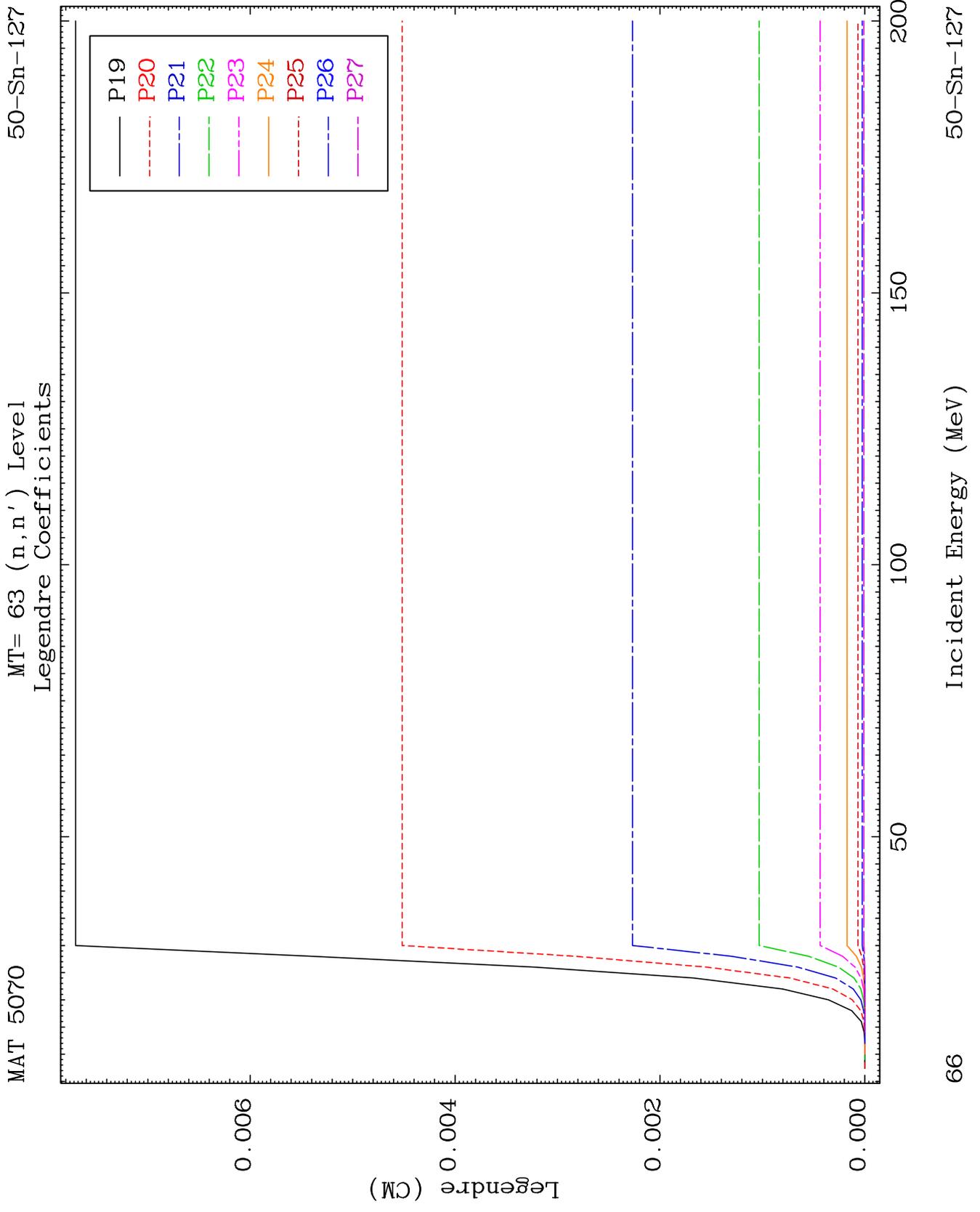








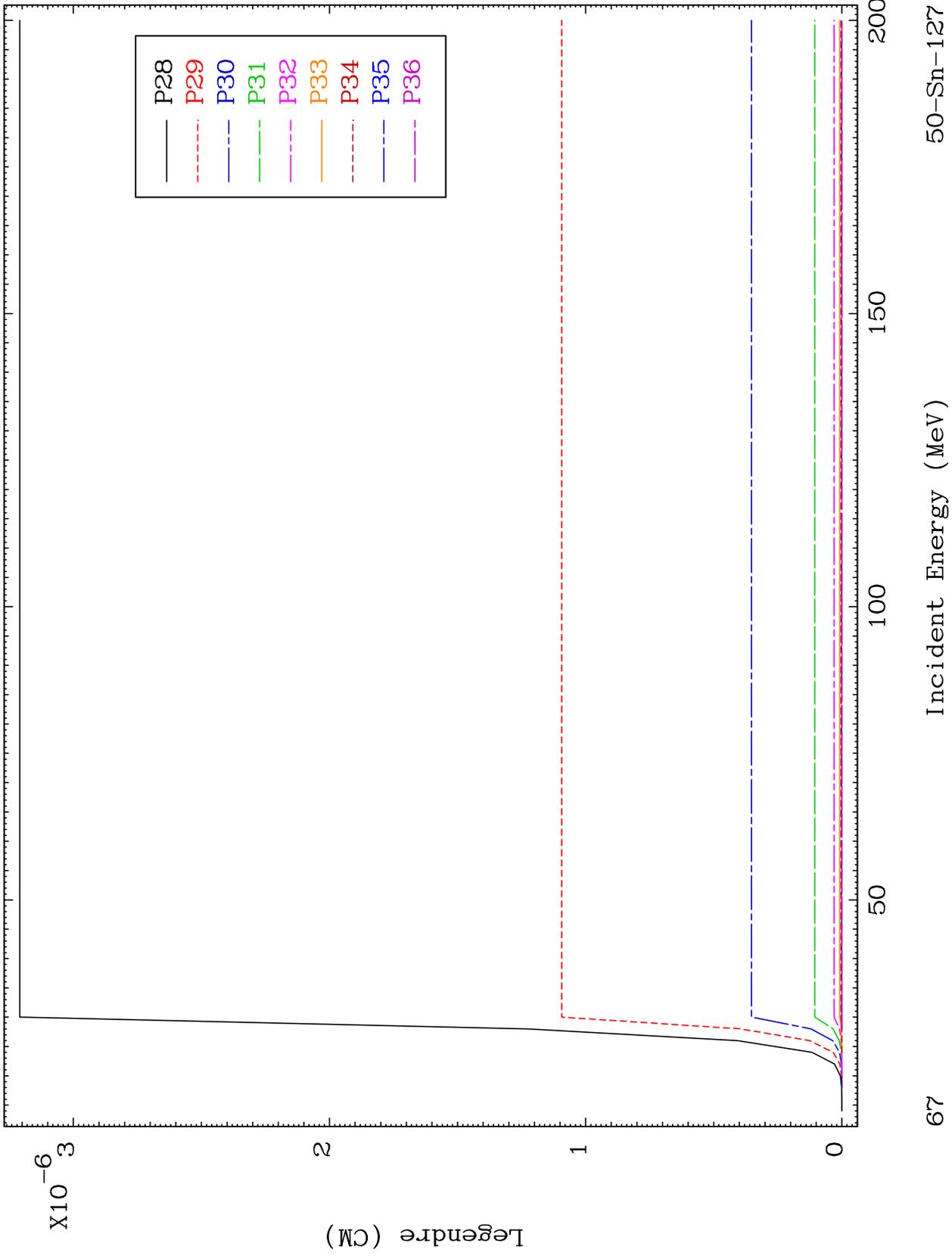




MAT 5070

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

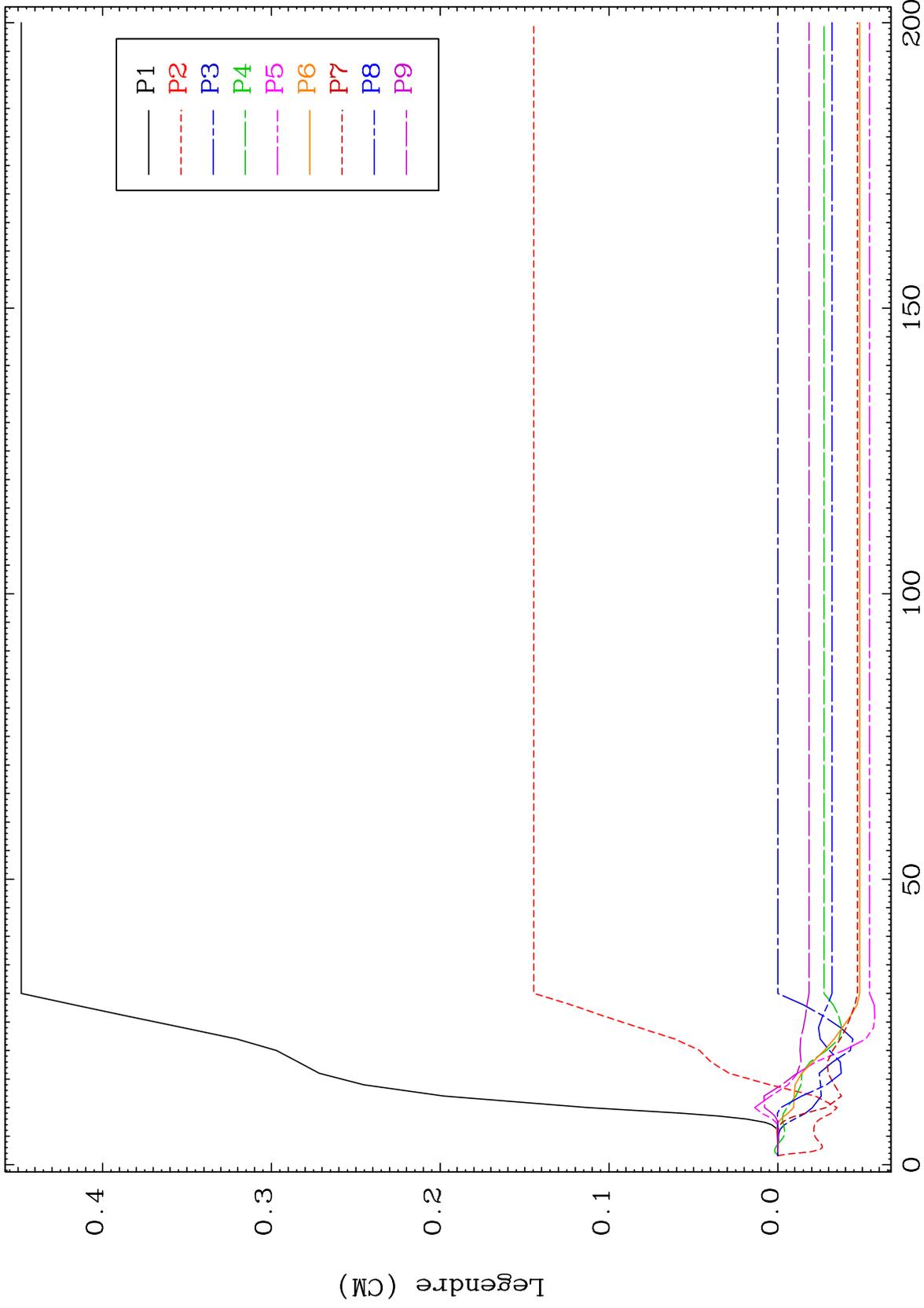
50-Sn-127



MAT 5070

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

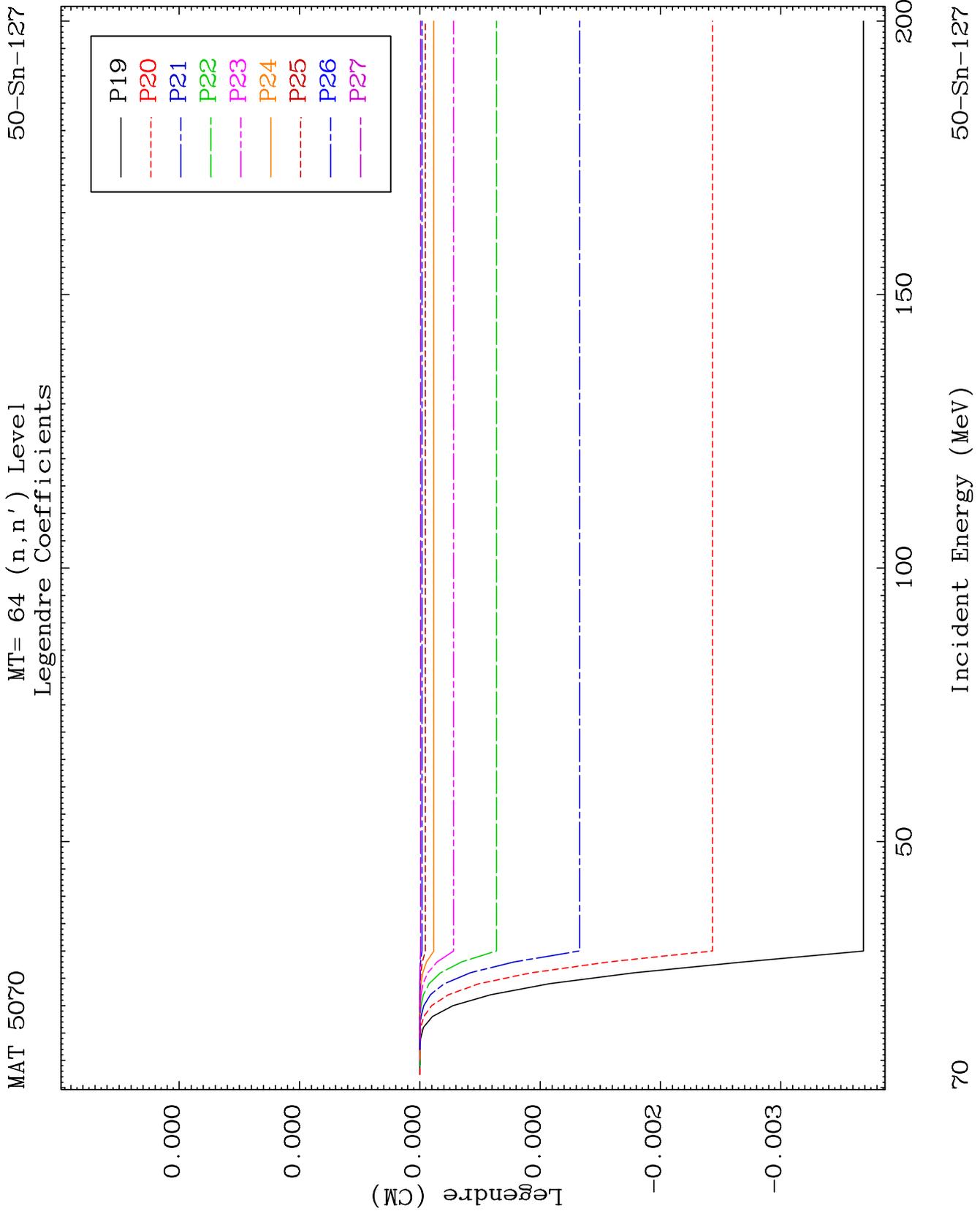
50-Sn-127

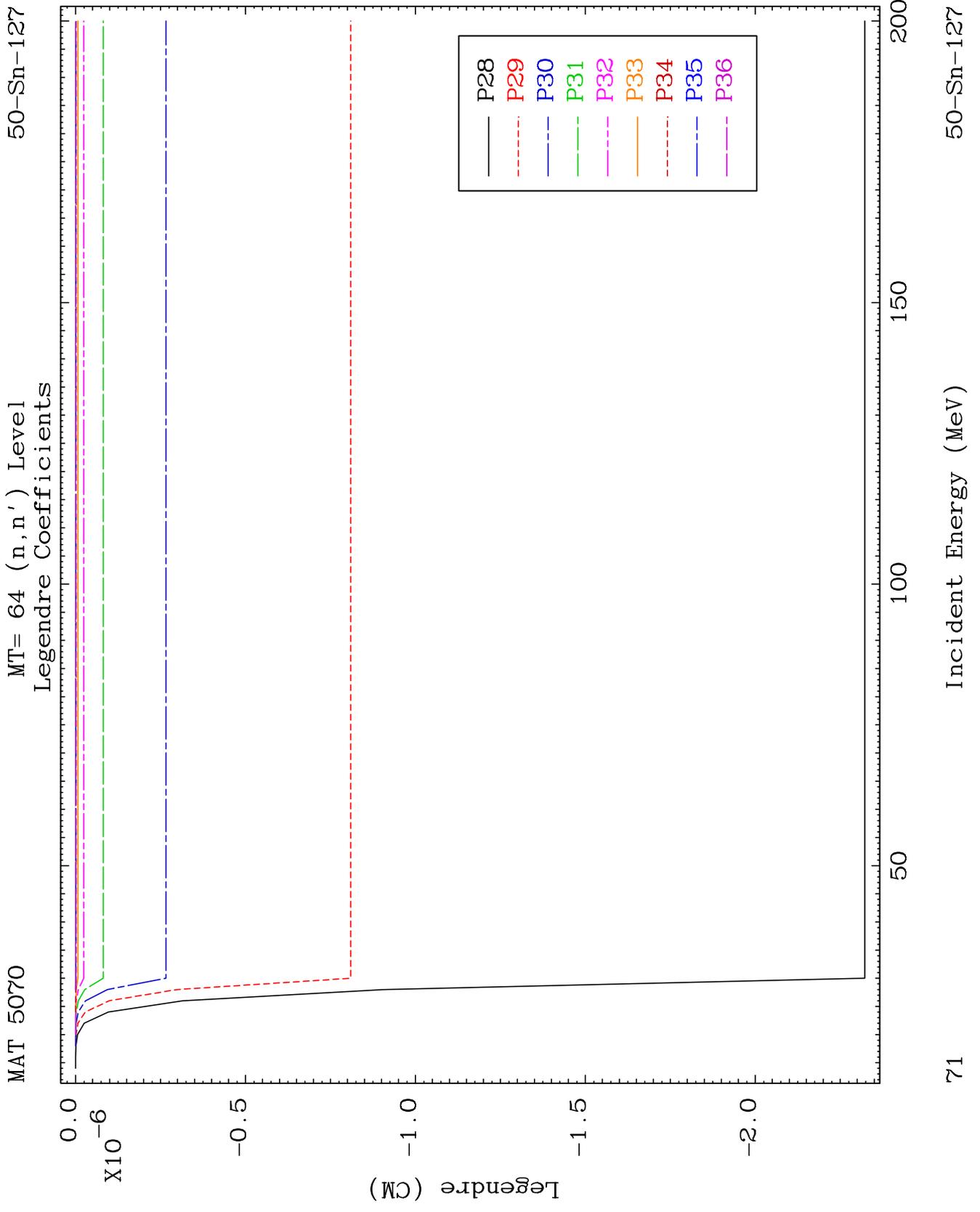


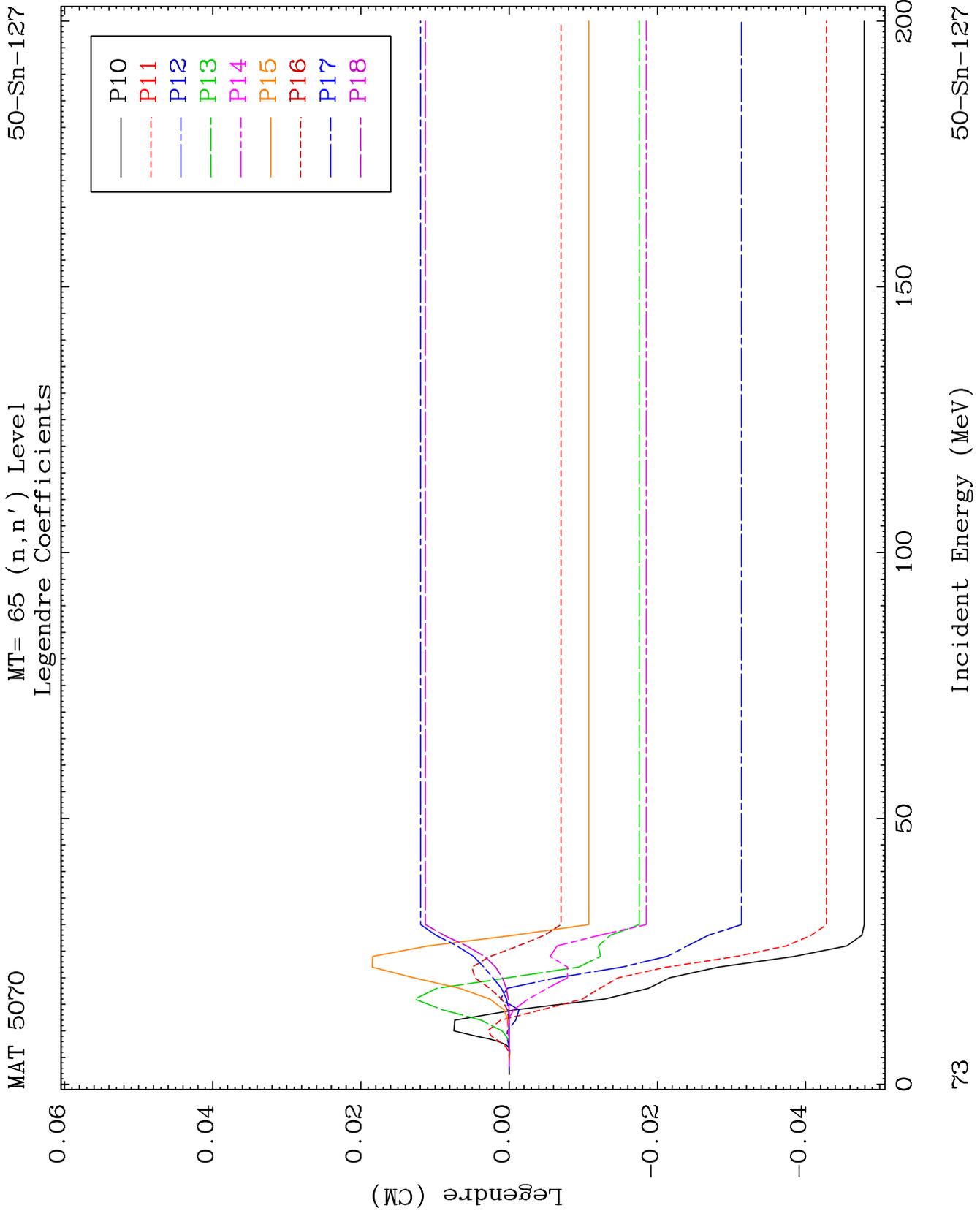
50-Sn-127

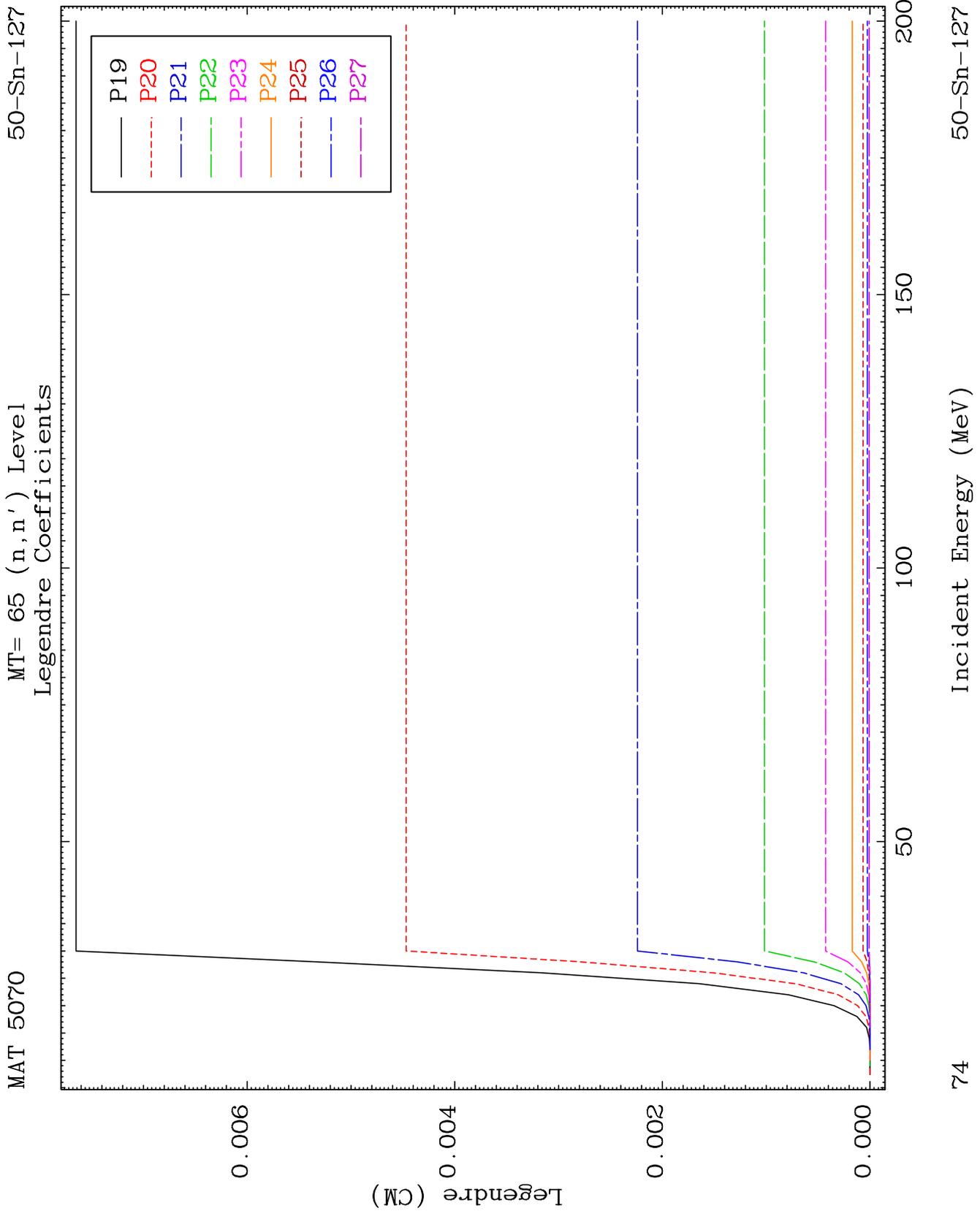
Incident Energy (MeV)

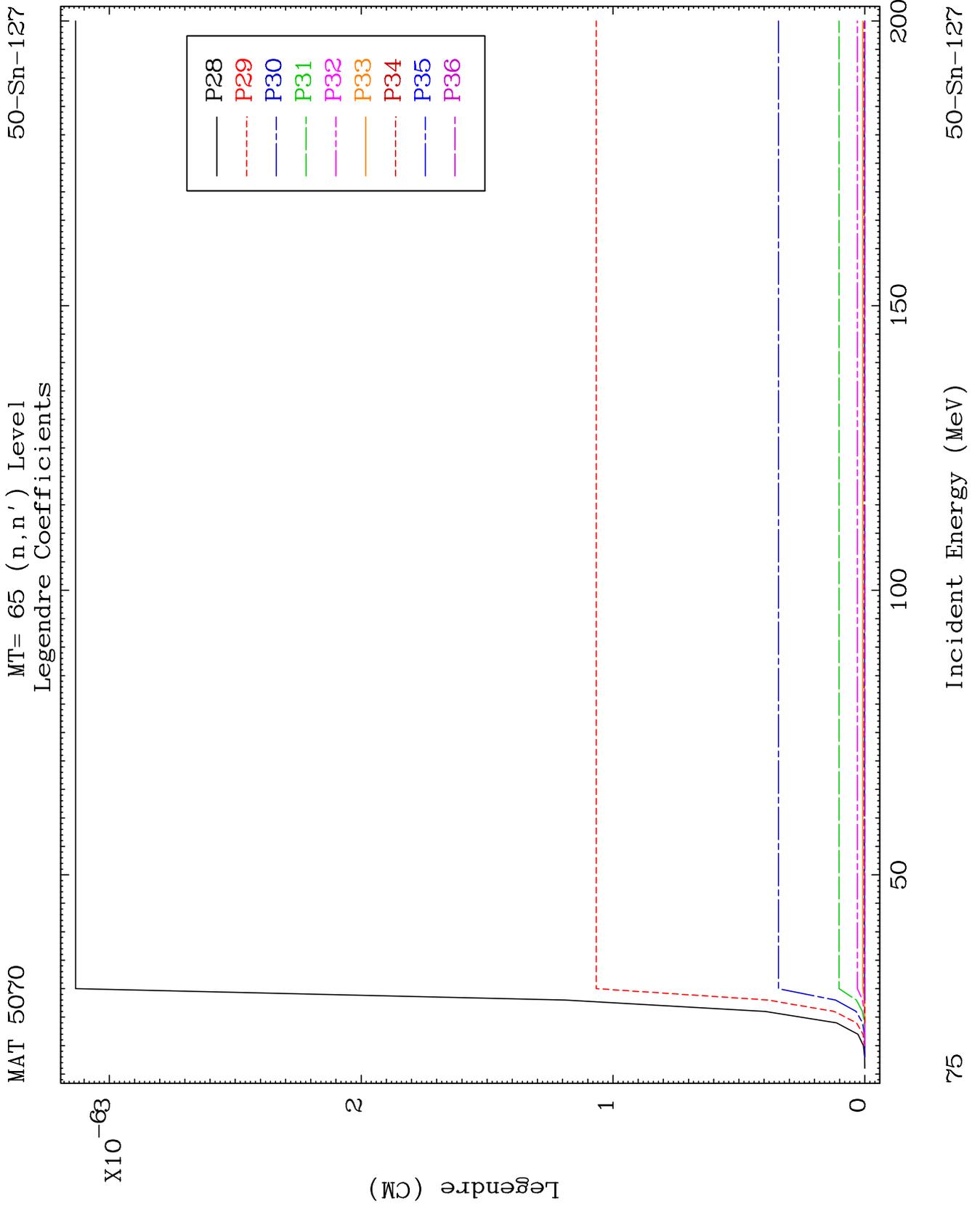
68

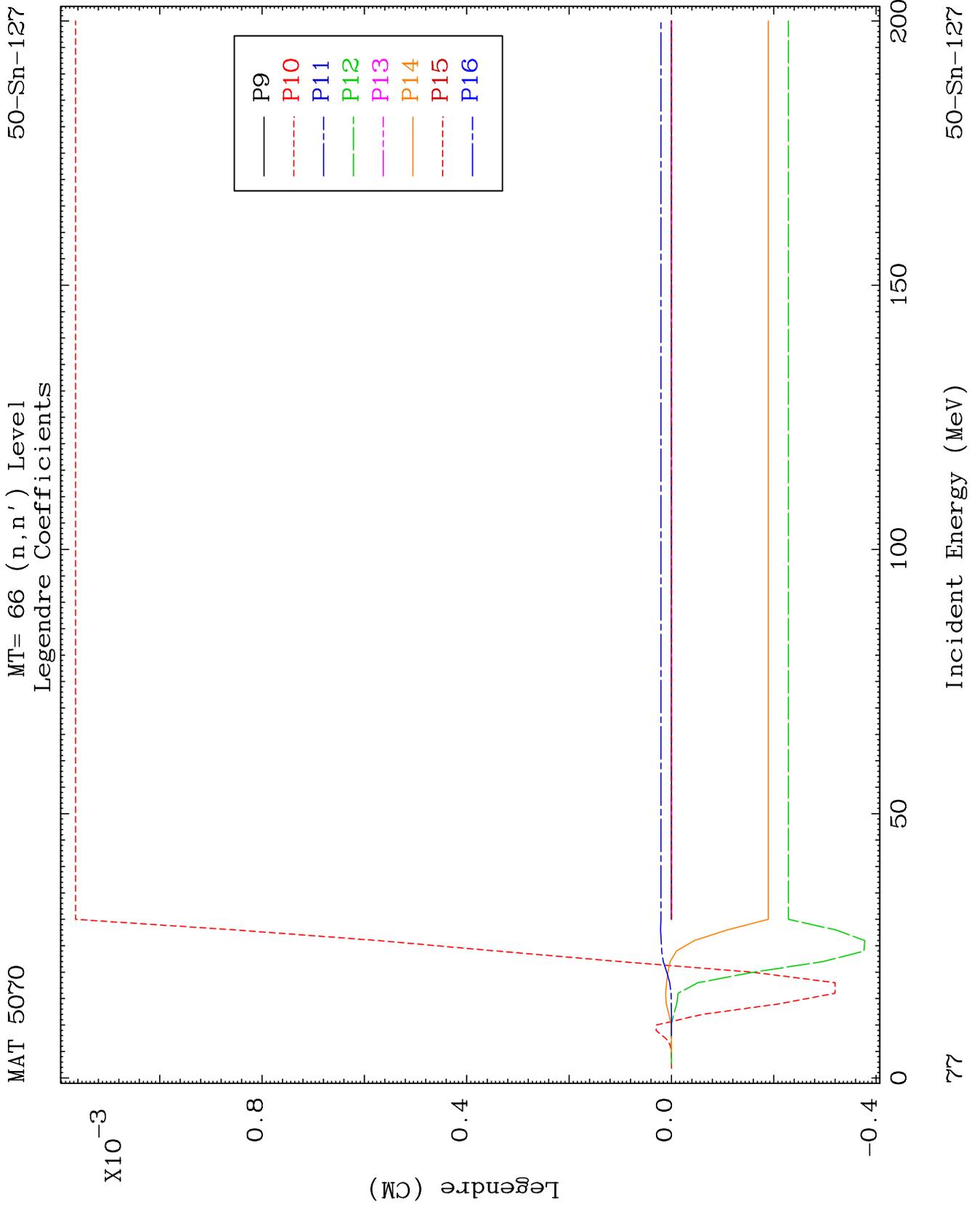


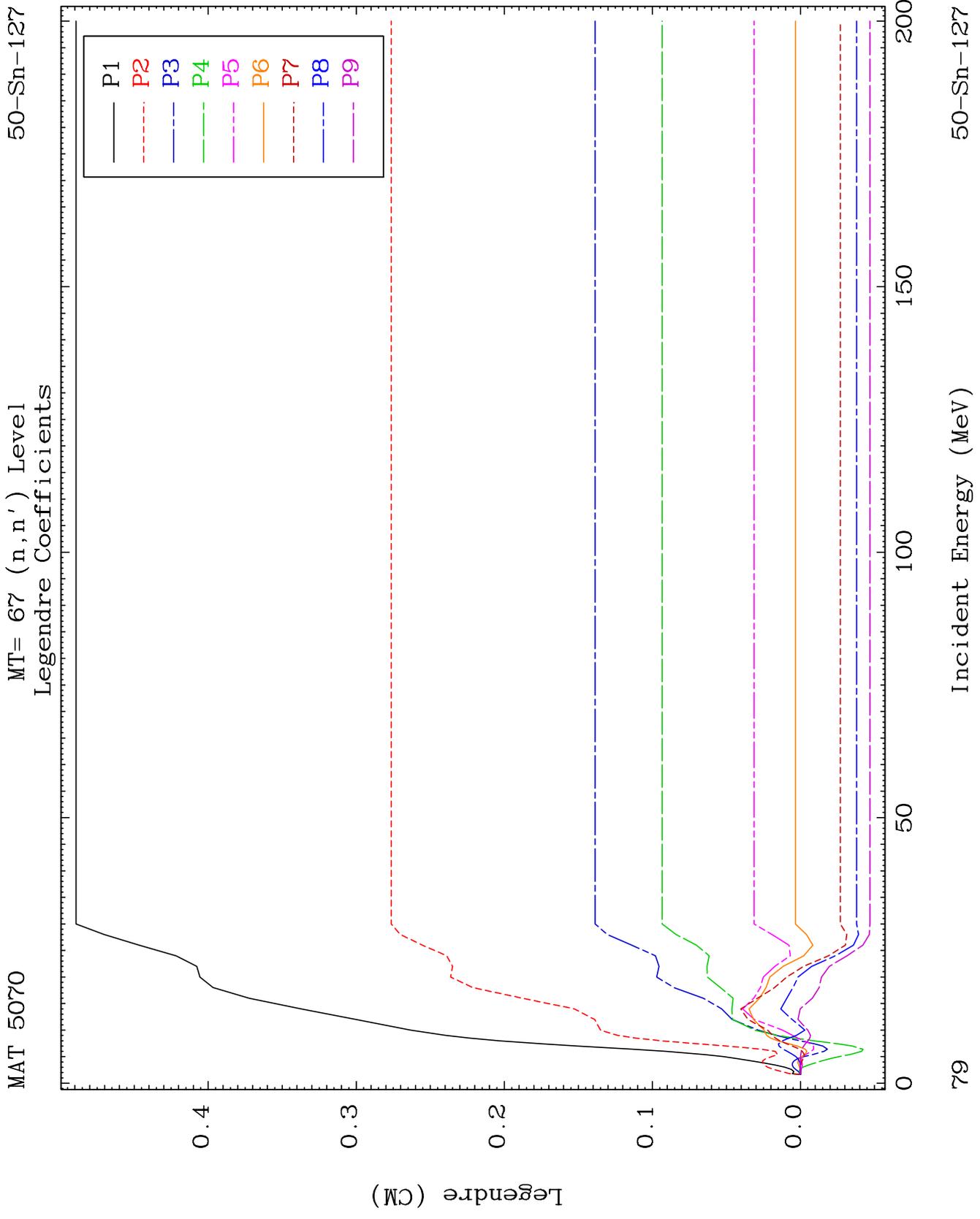


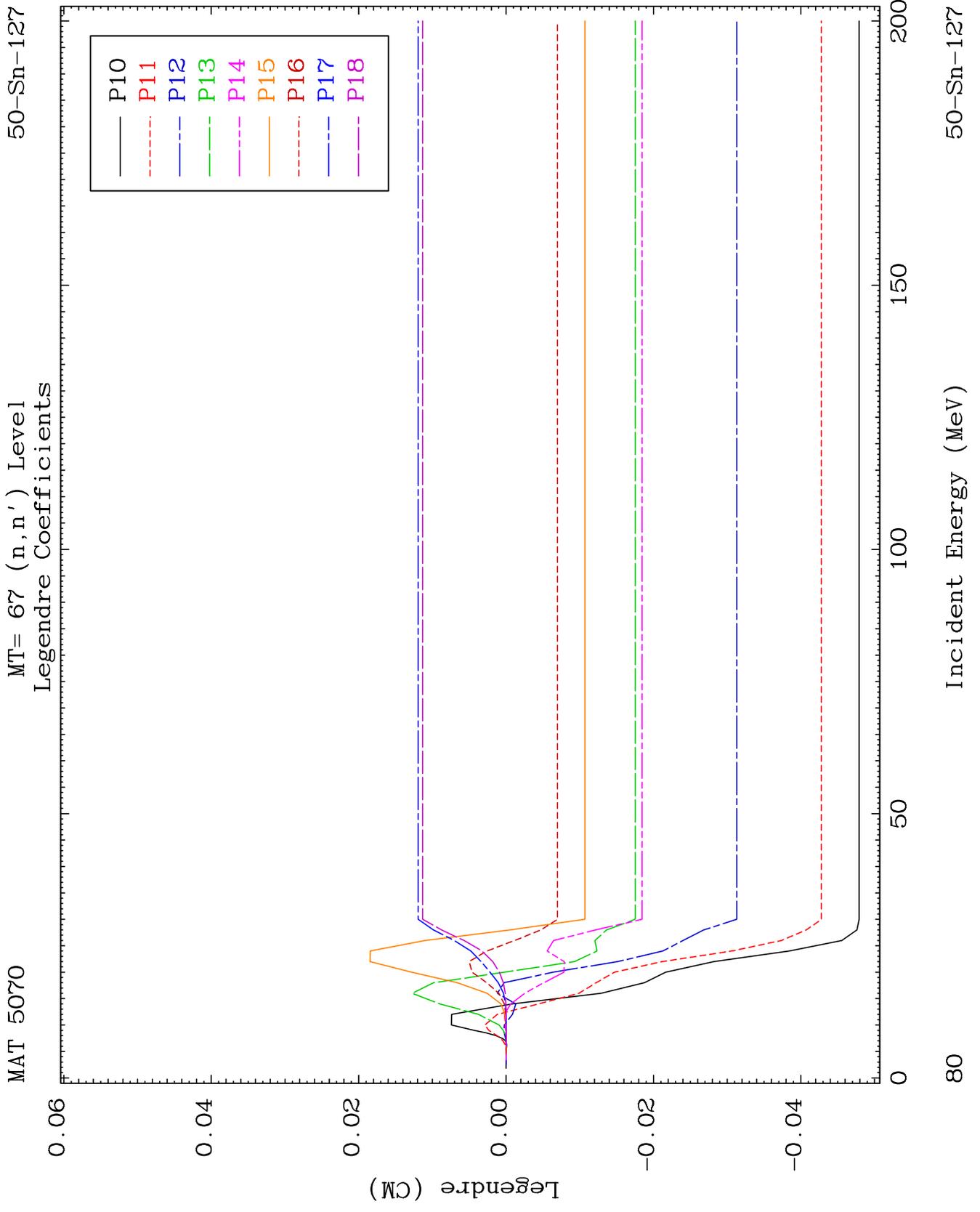


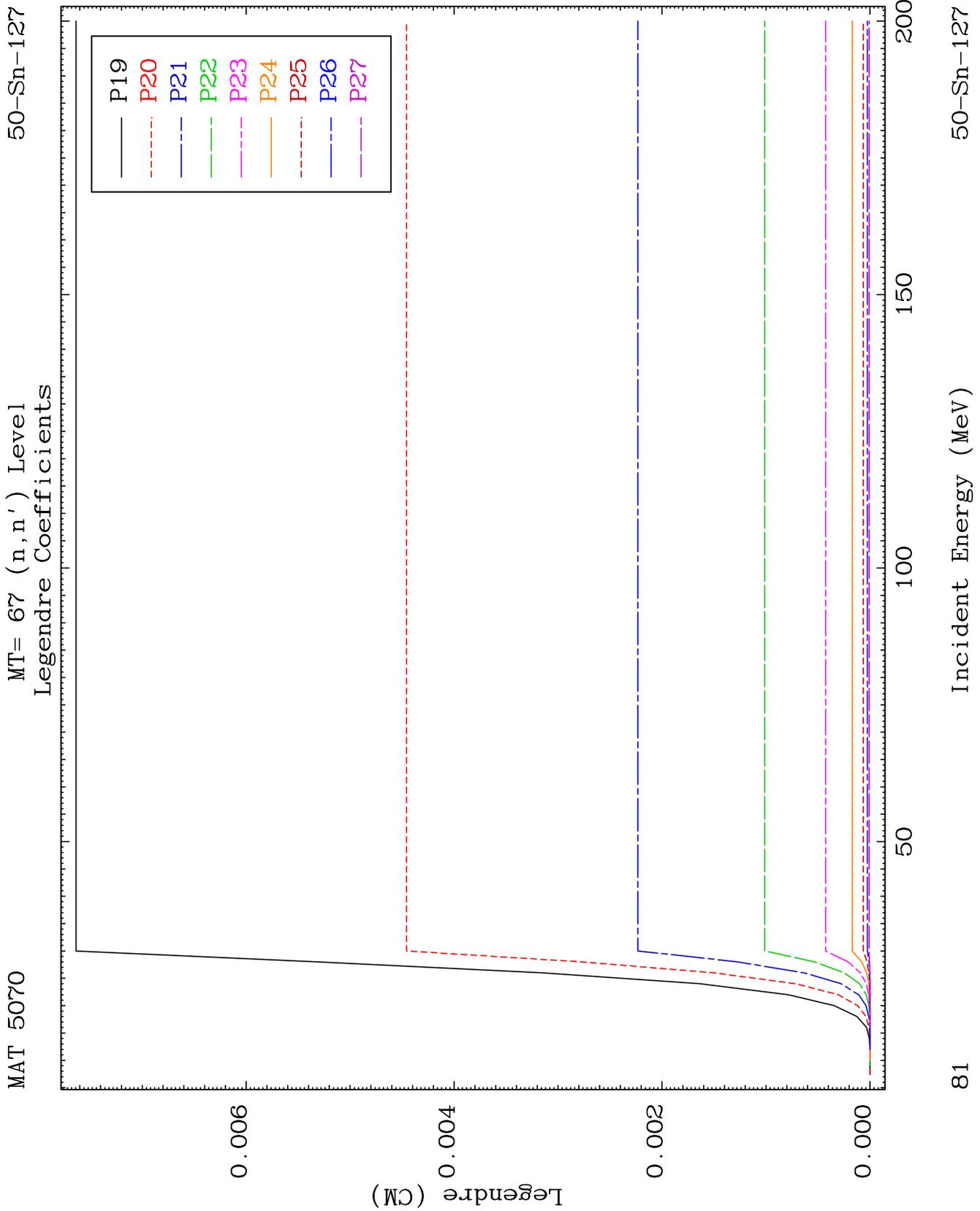








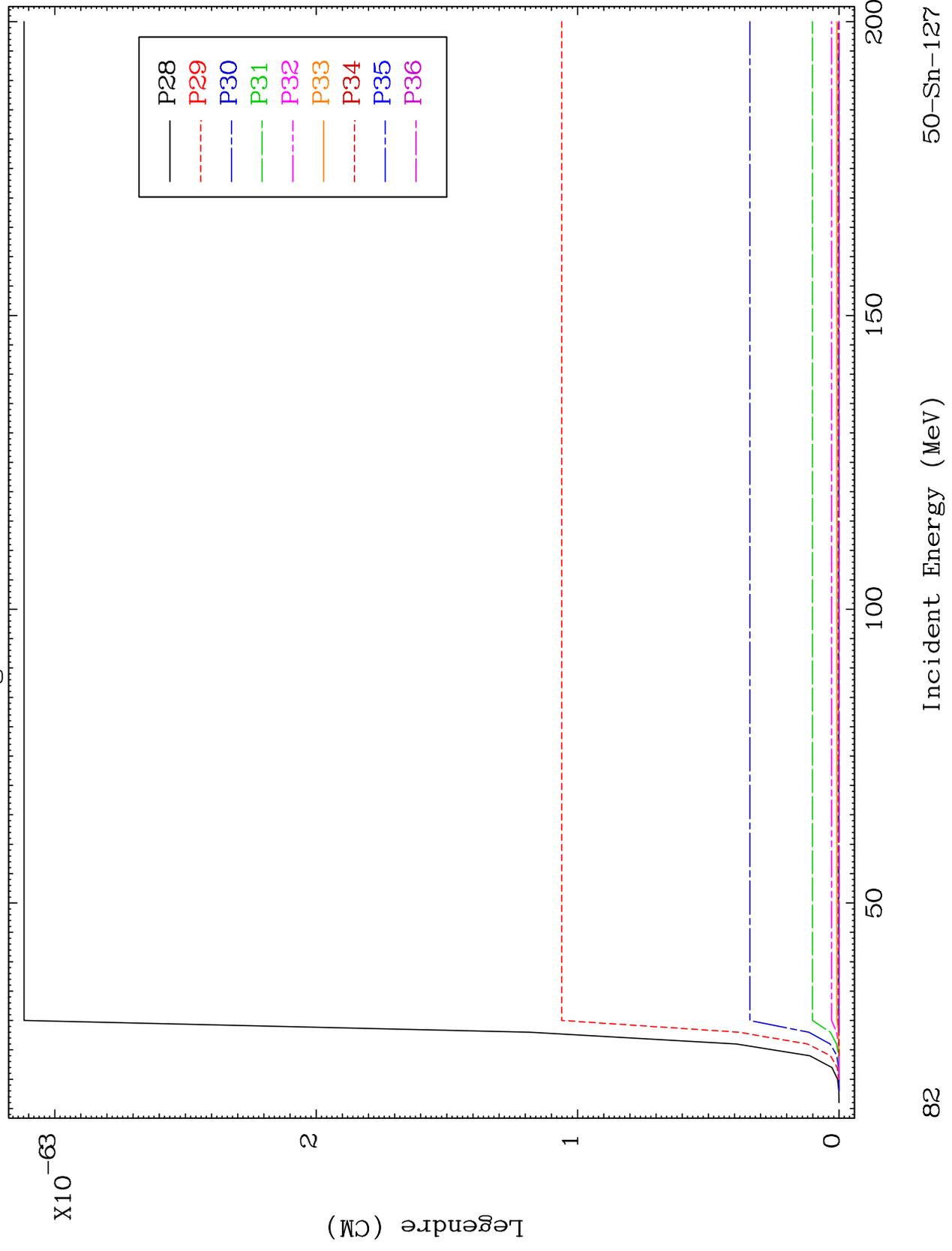




MAT 5070

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

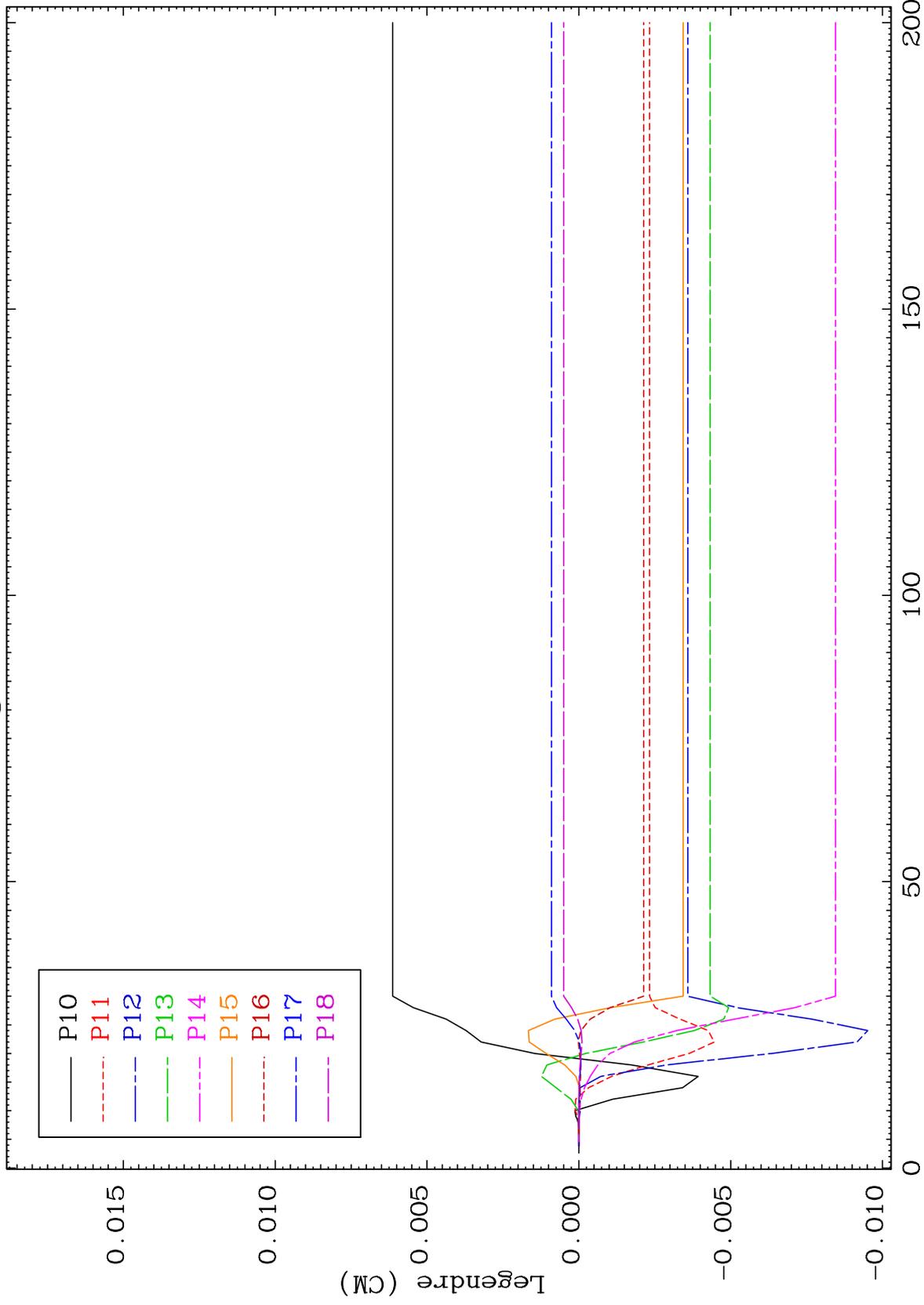
50-Sn-127



MAT 5070

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

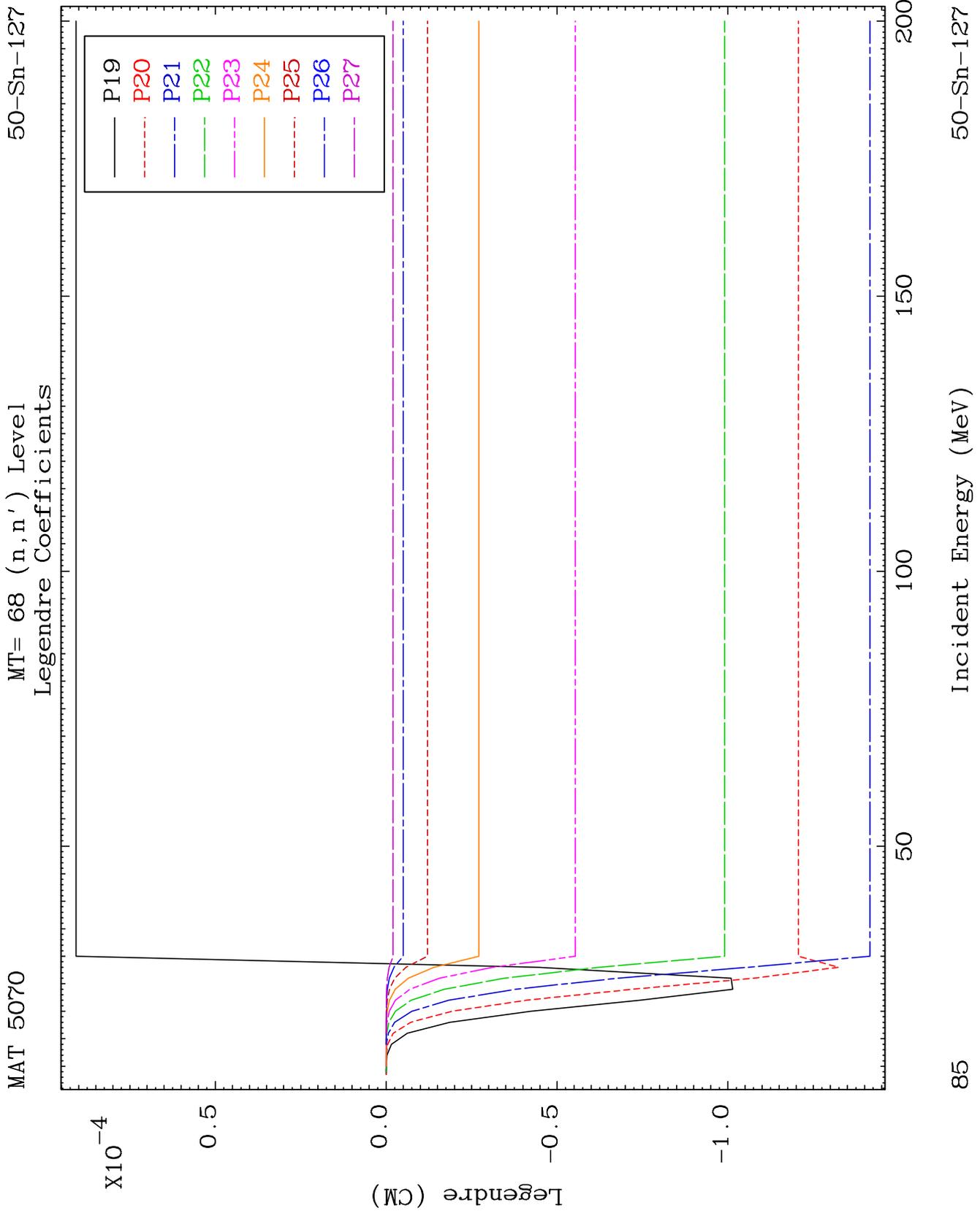
50-Sn-127

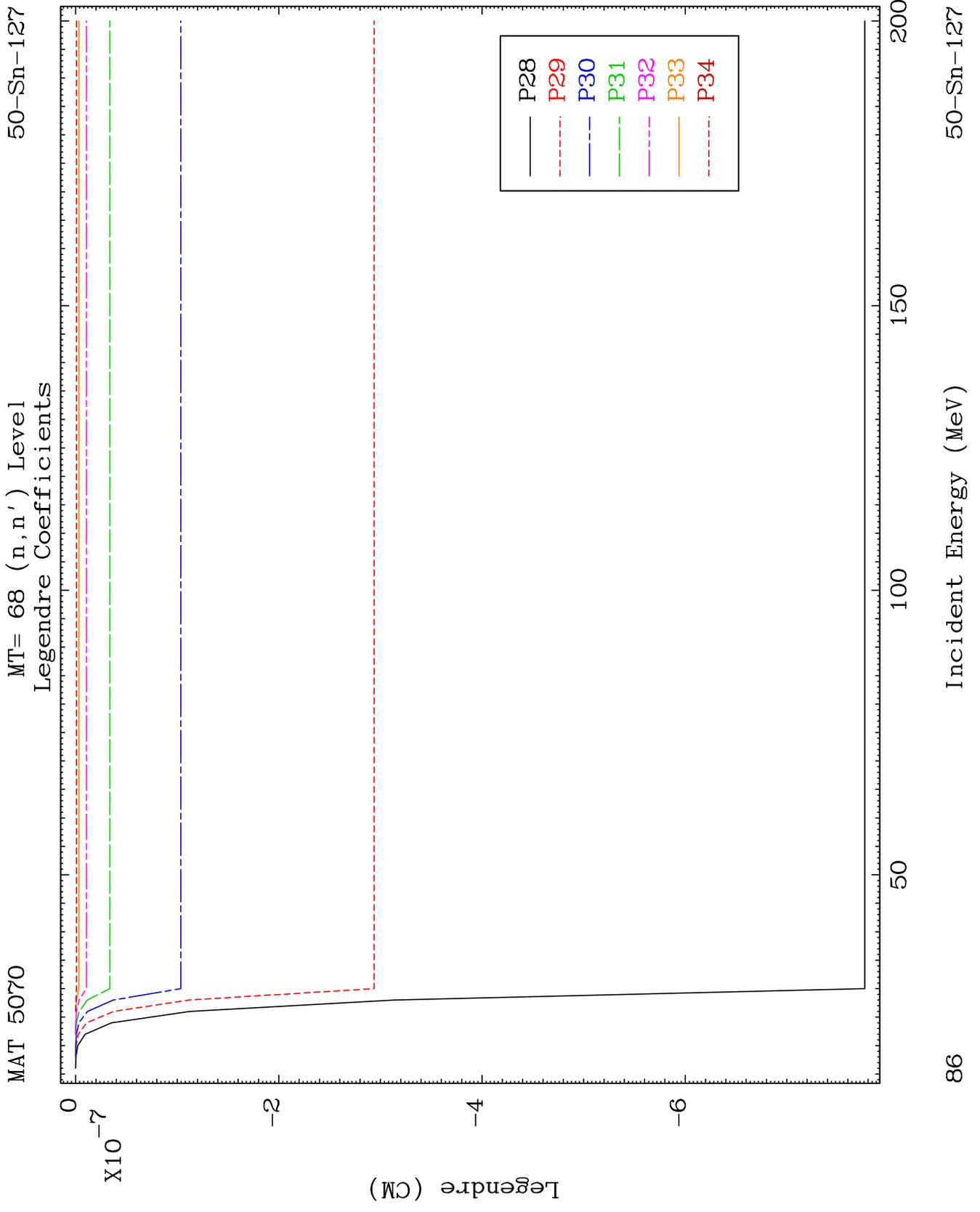


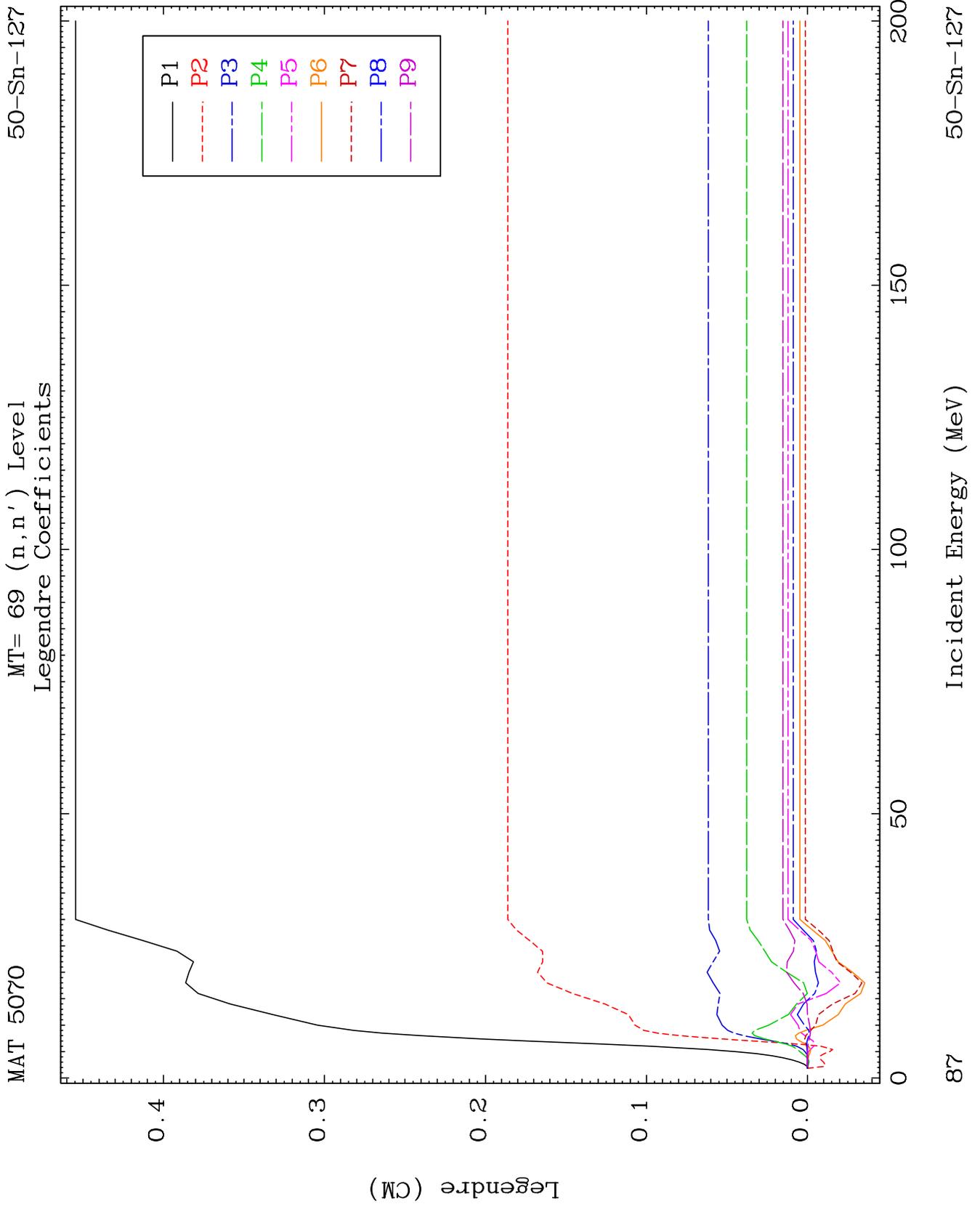
84

Incident Energy (MeV)

50-Sn-127



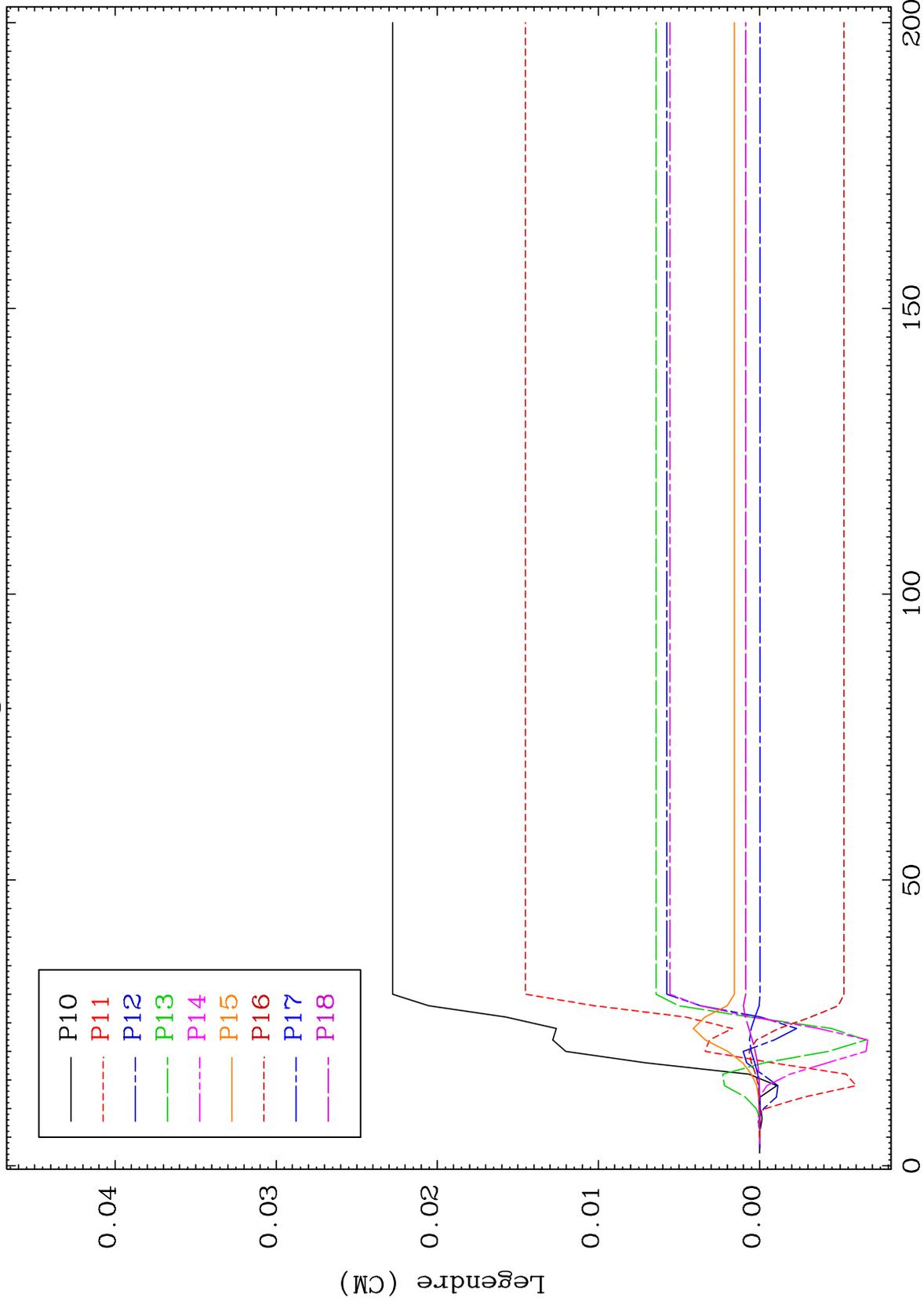




MAT 5070

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

50-Sn-127



88

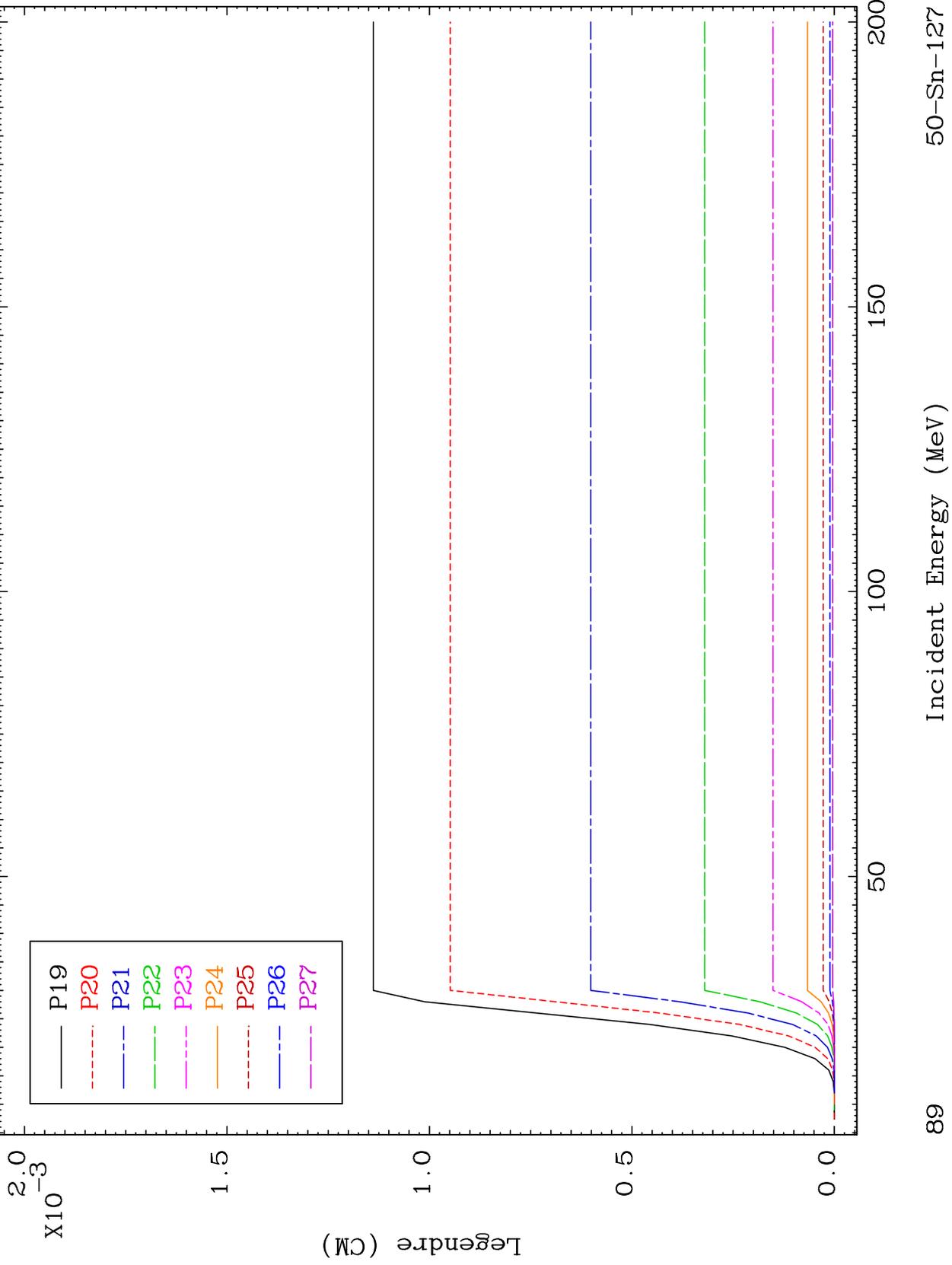
Incident Energy (MeV)

50-Sn-127

MAT 5070

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

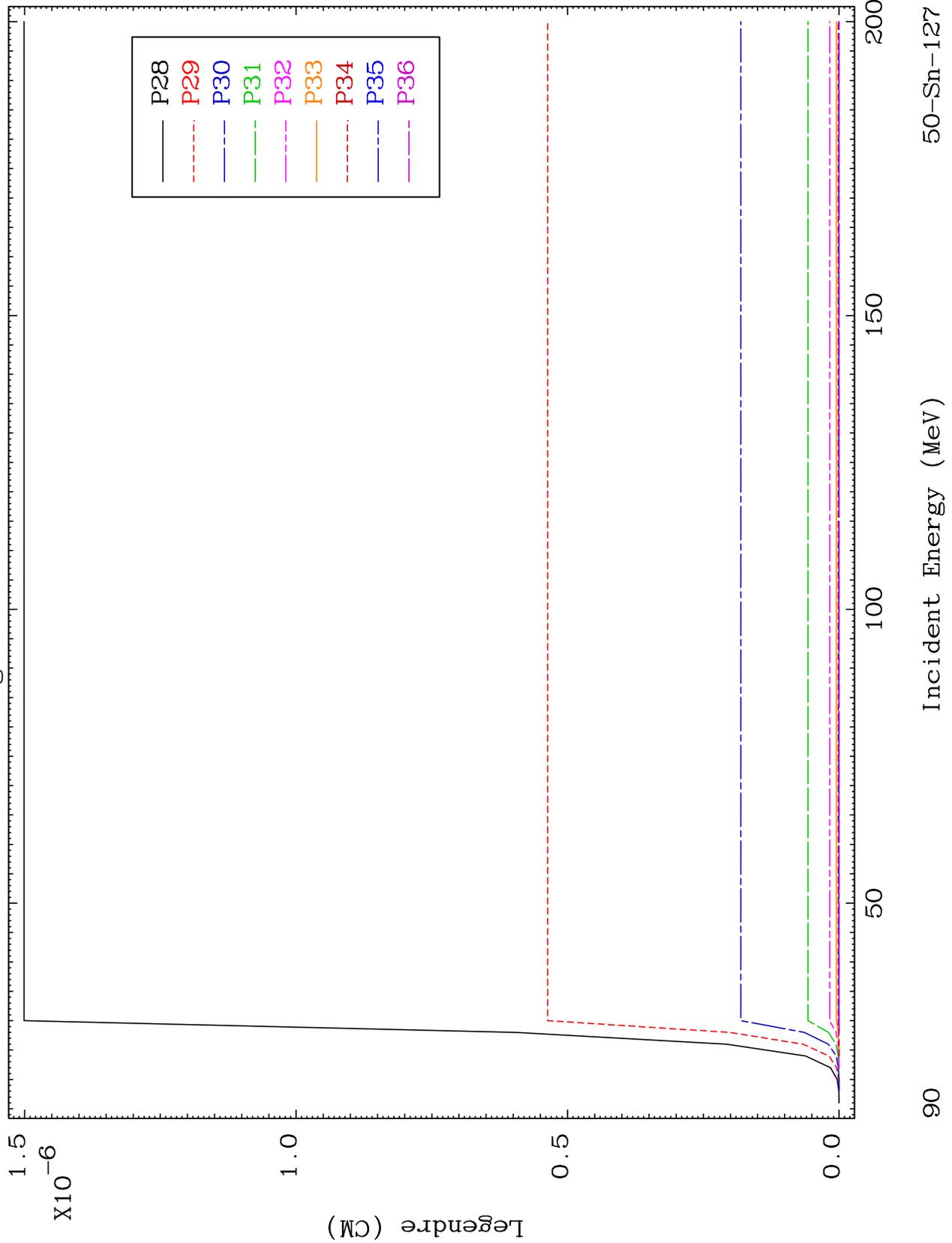
50-Sn-127

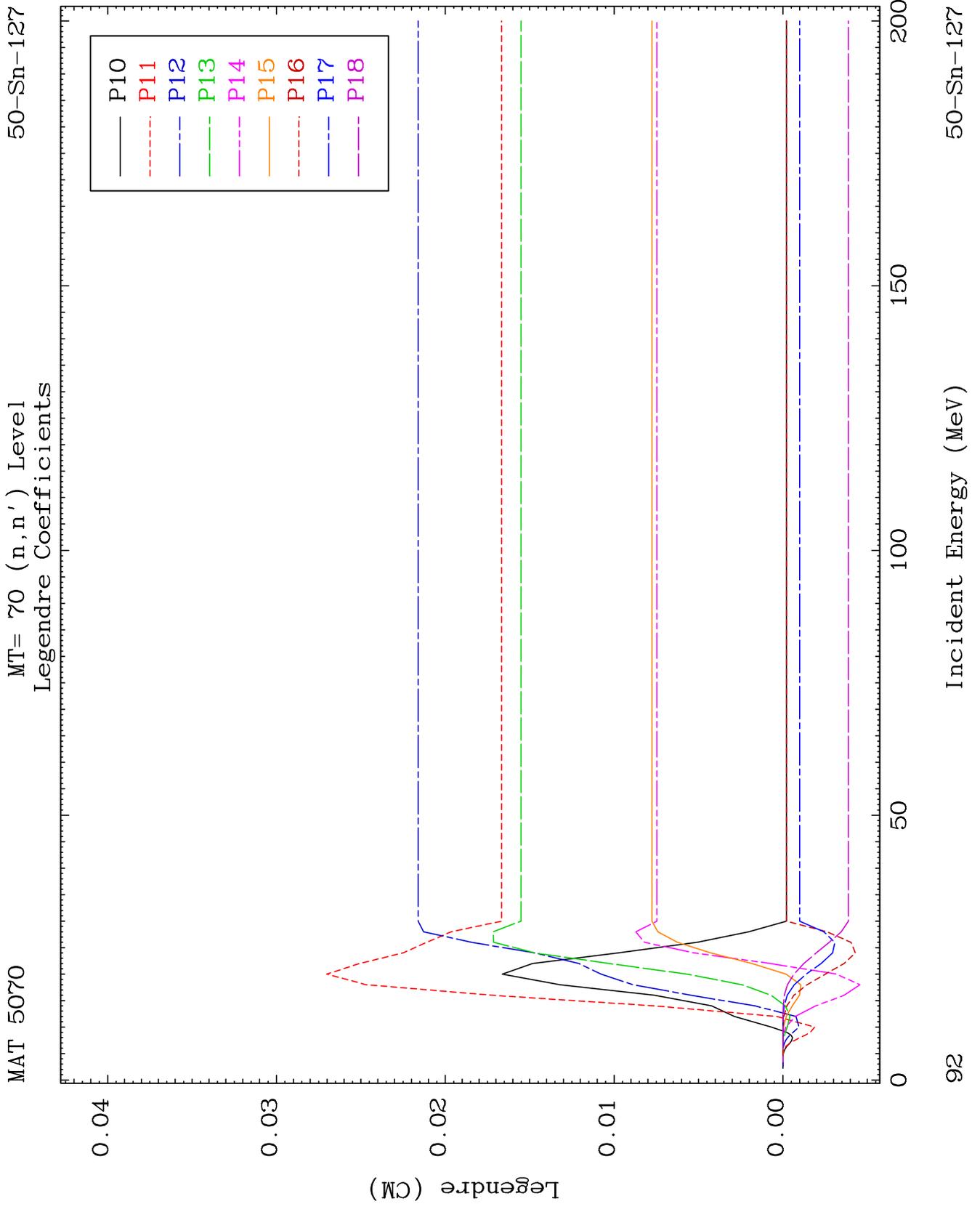


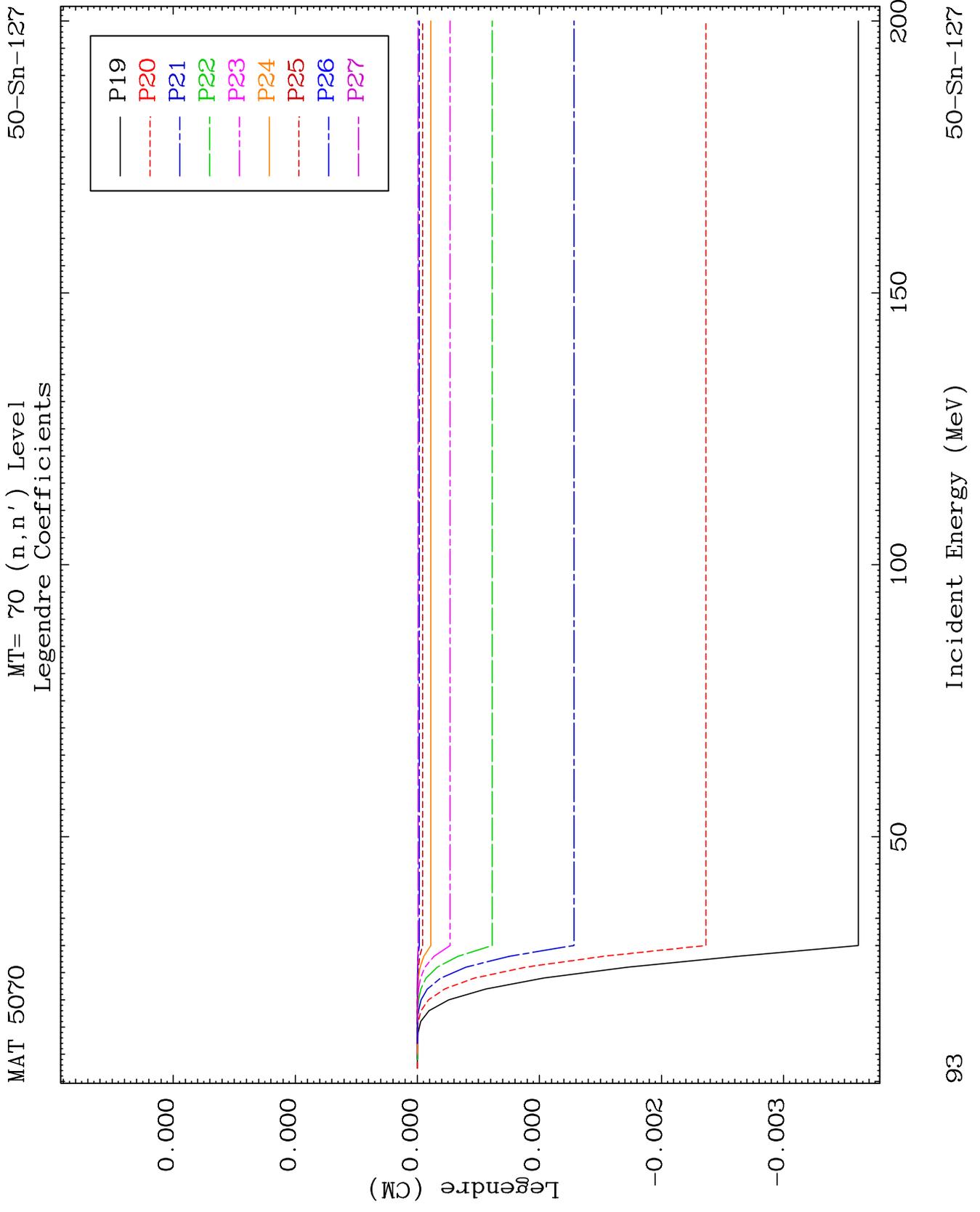
MAT 5070

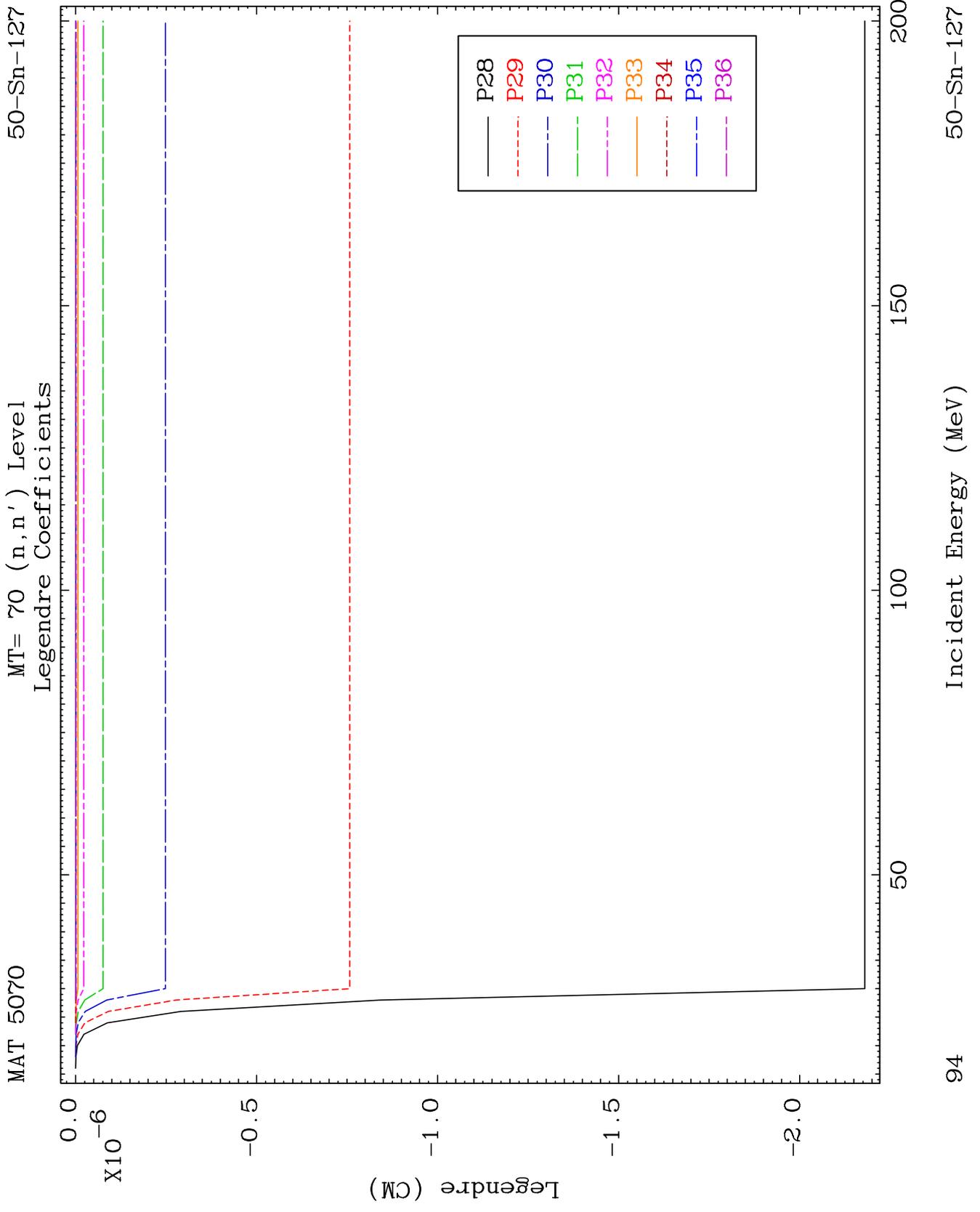
MT= 69 (n,n') Level
Legendre Coefficients

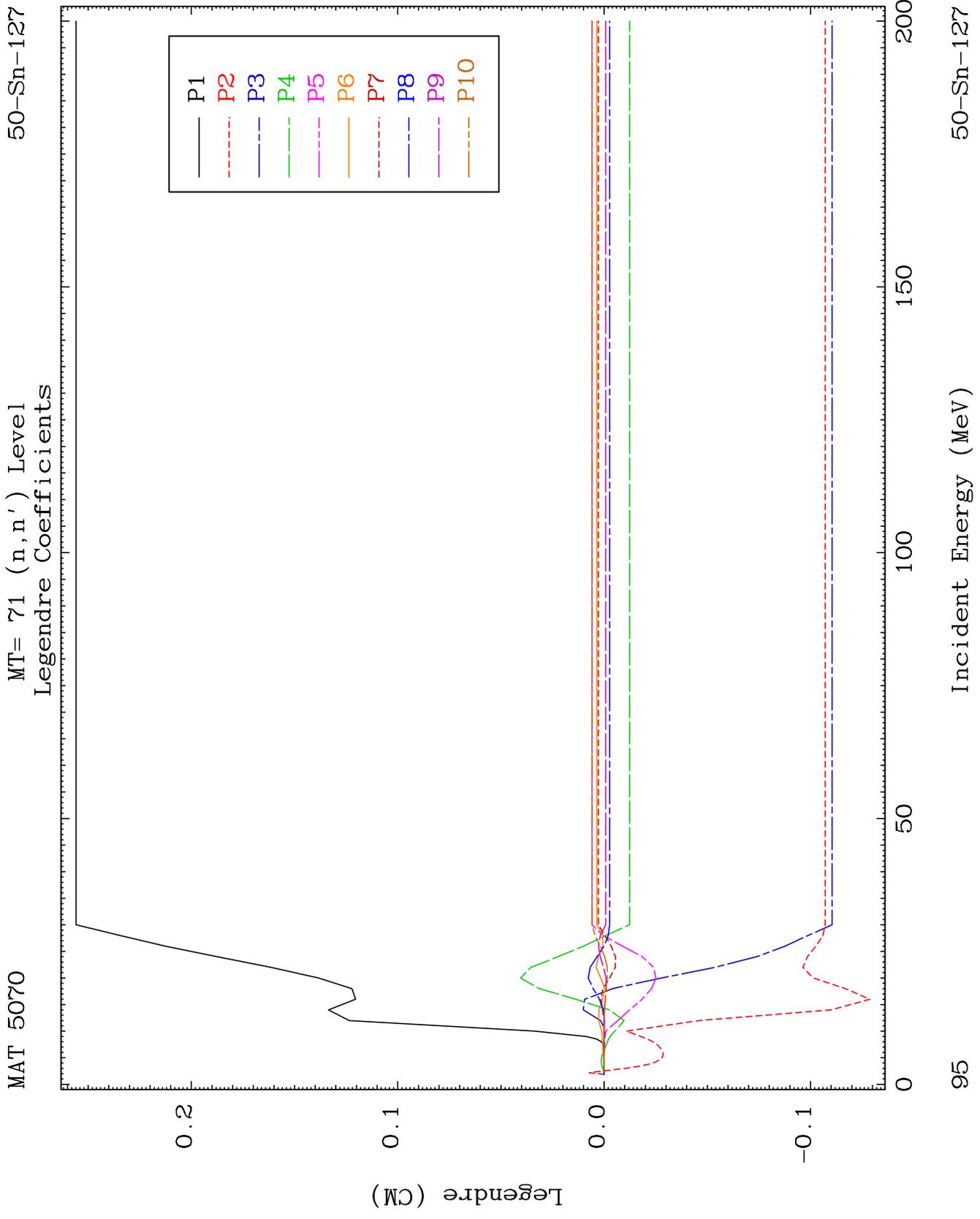
50-Sn-127

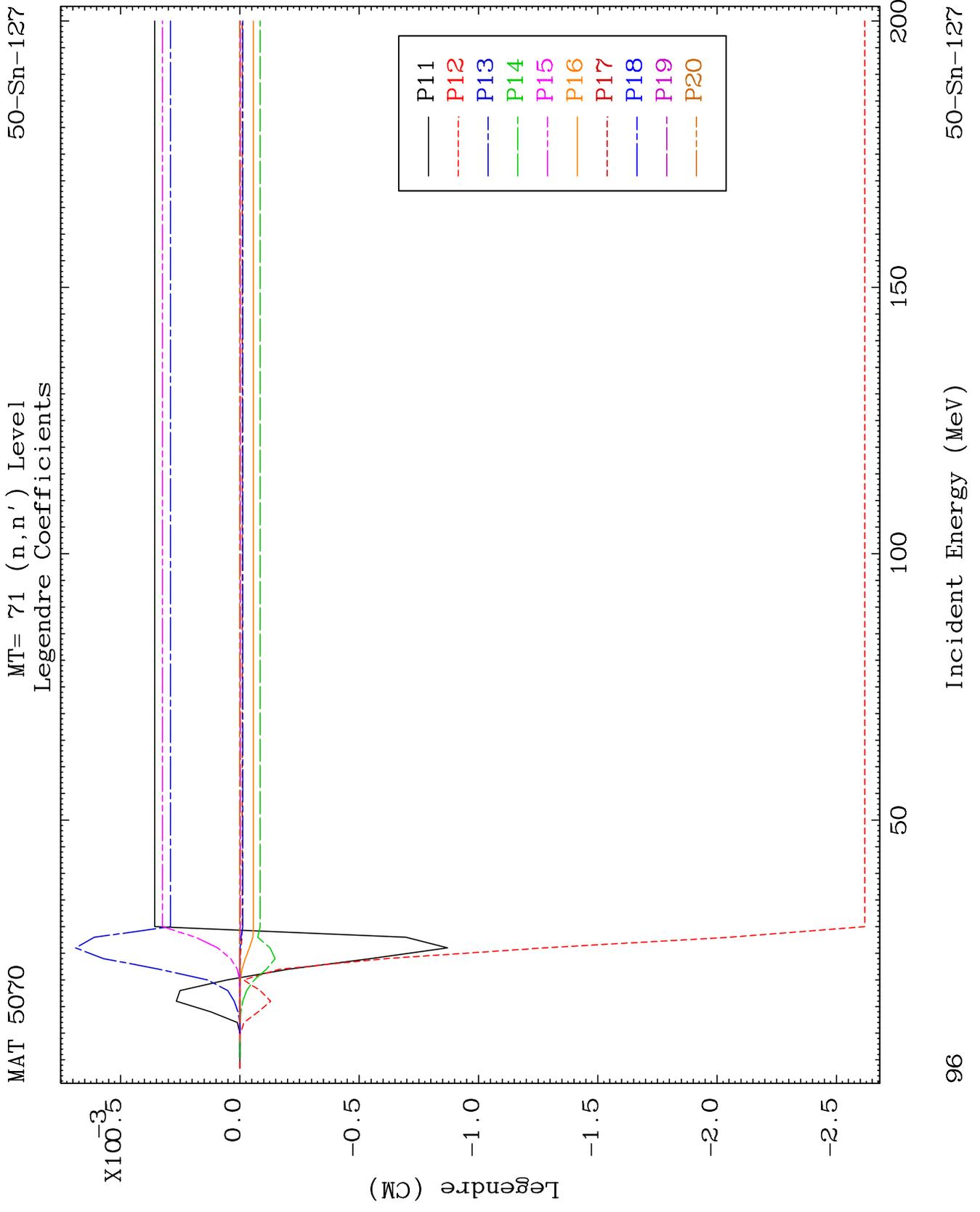


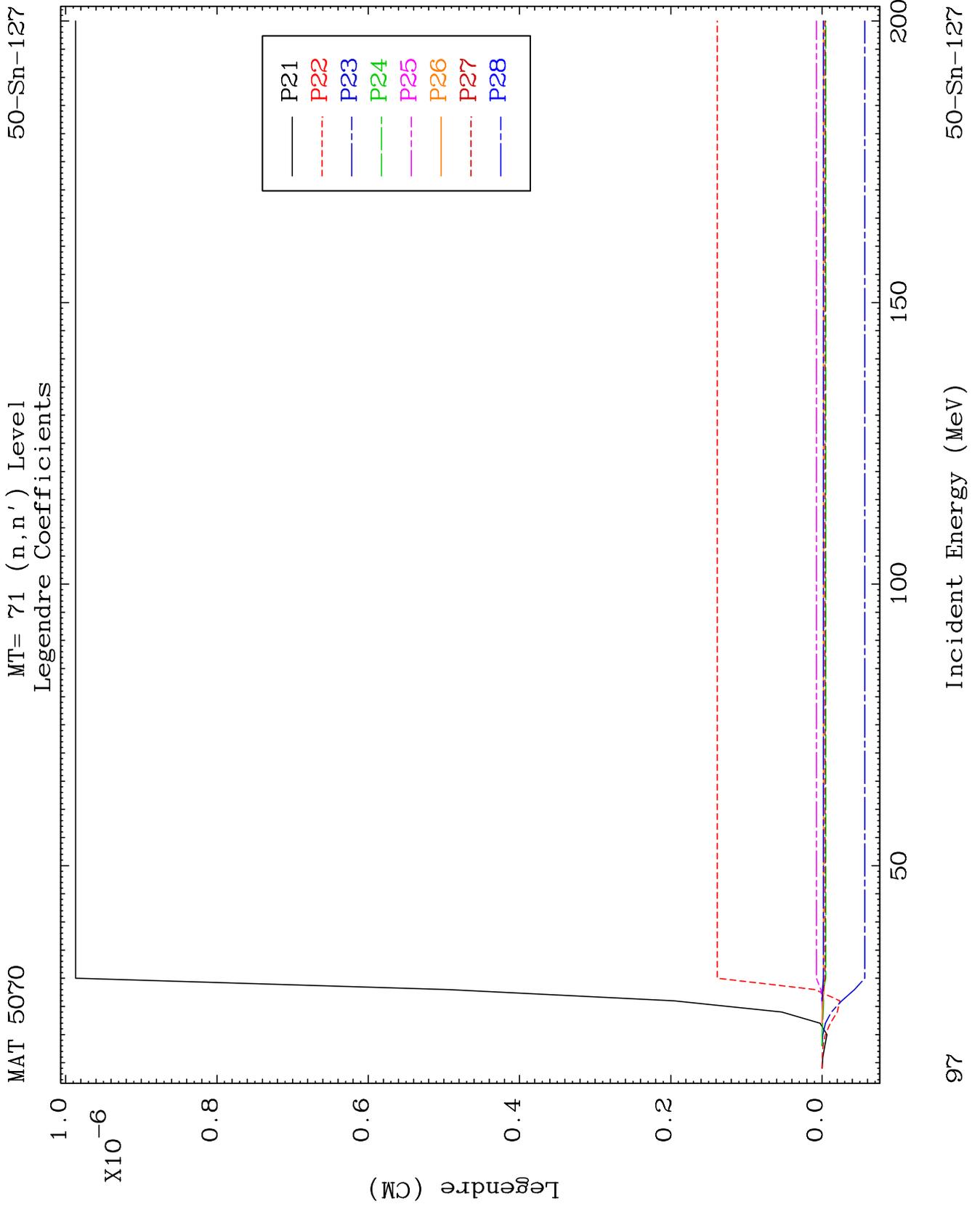


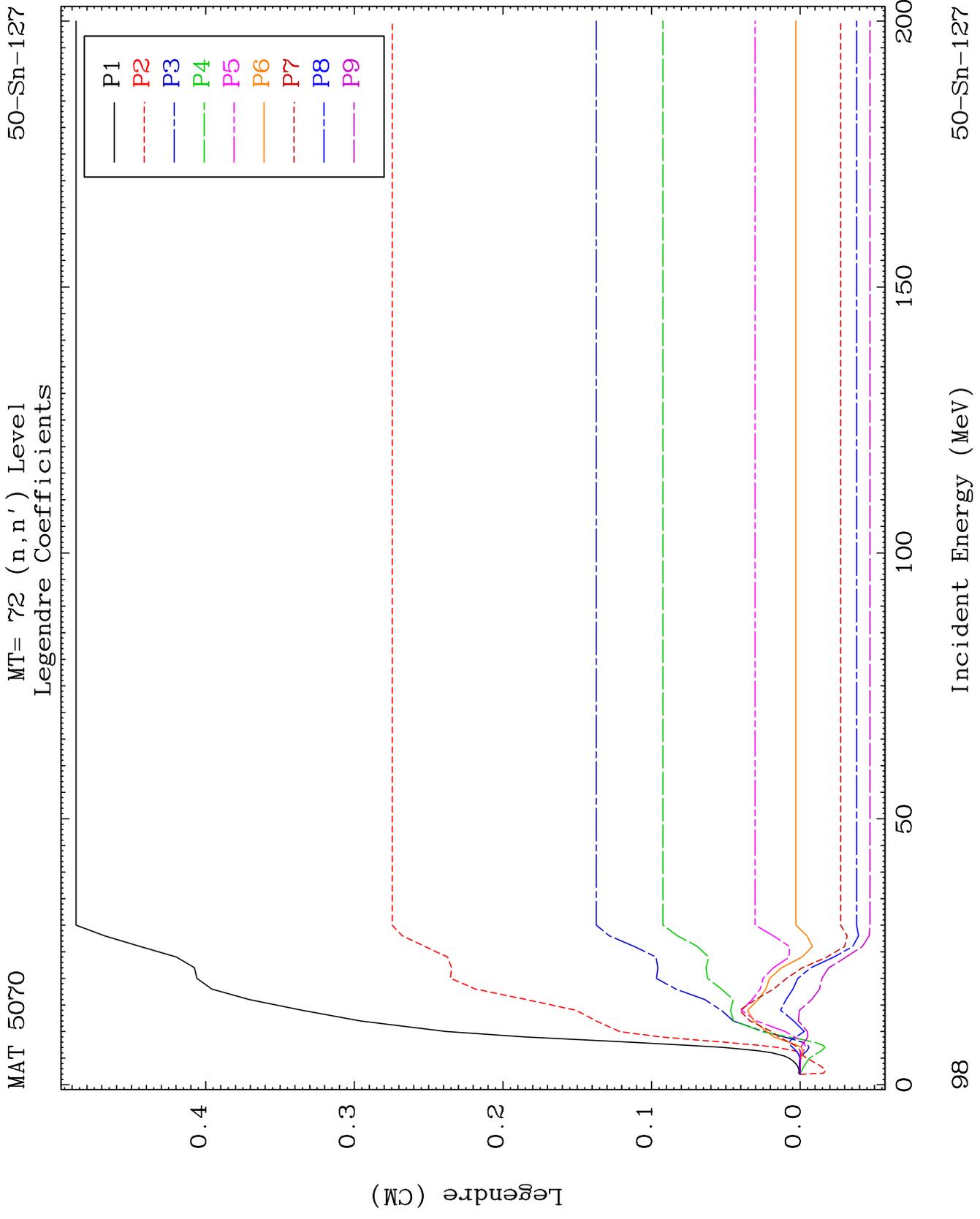


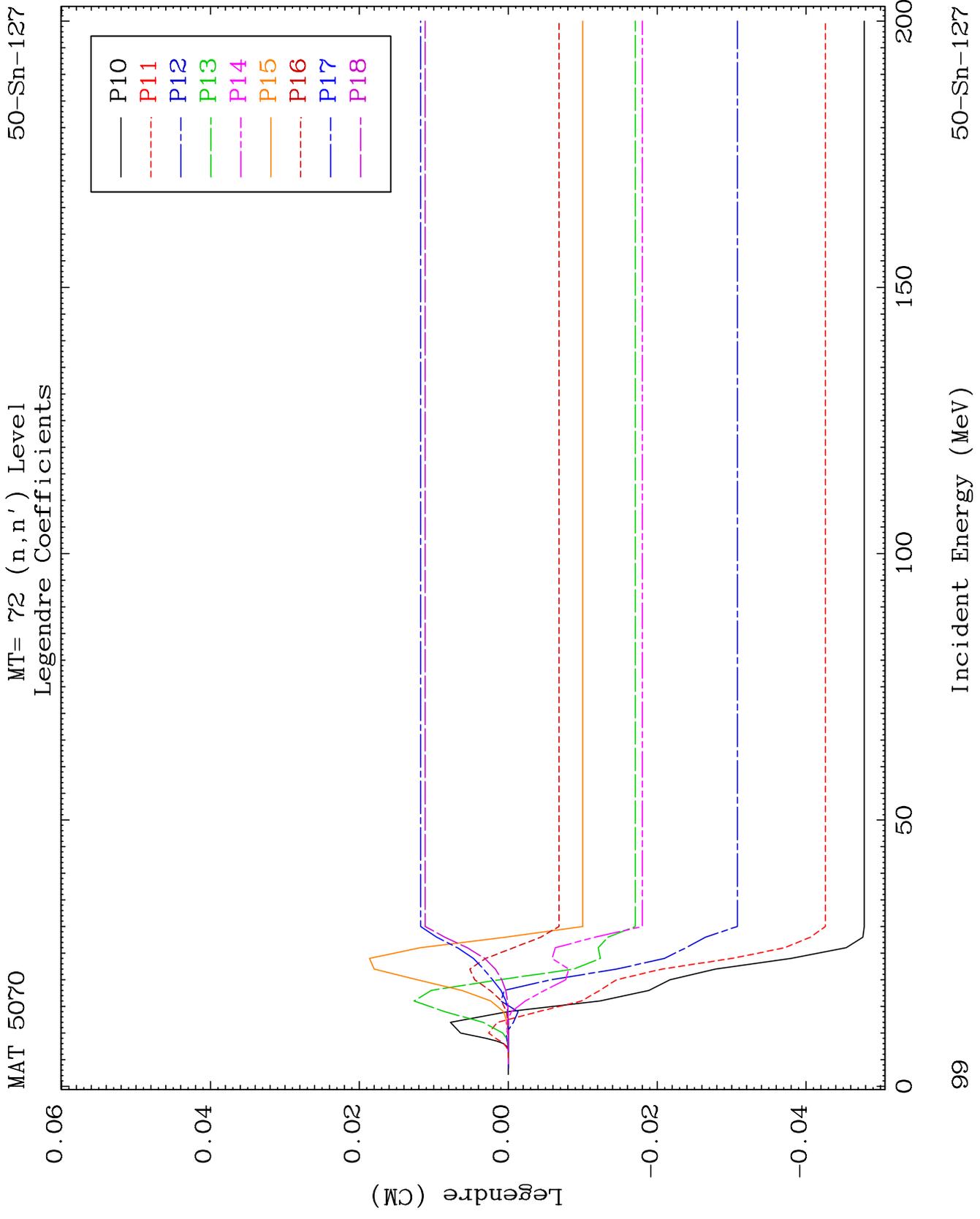


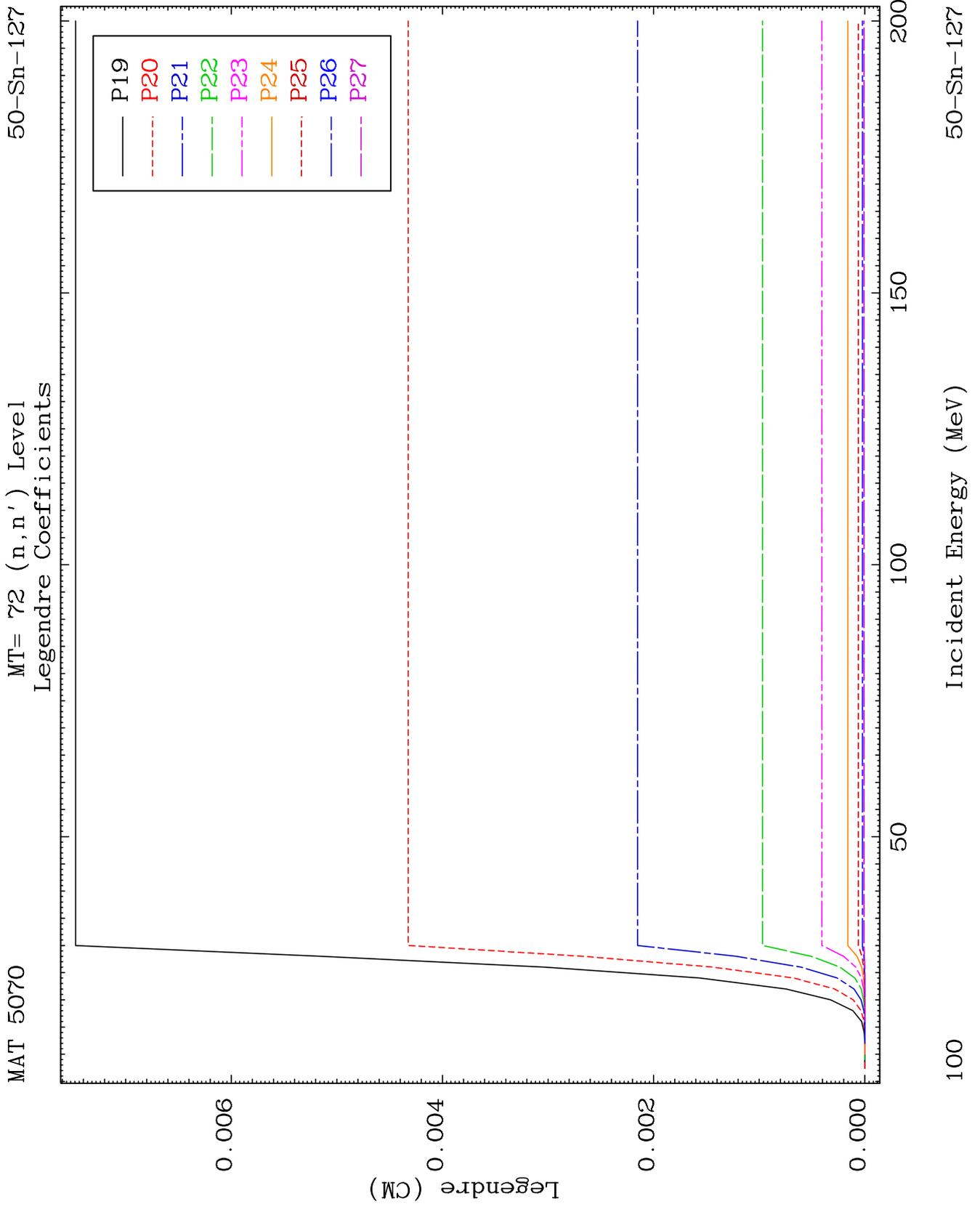








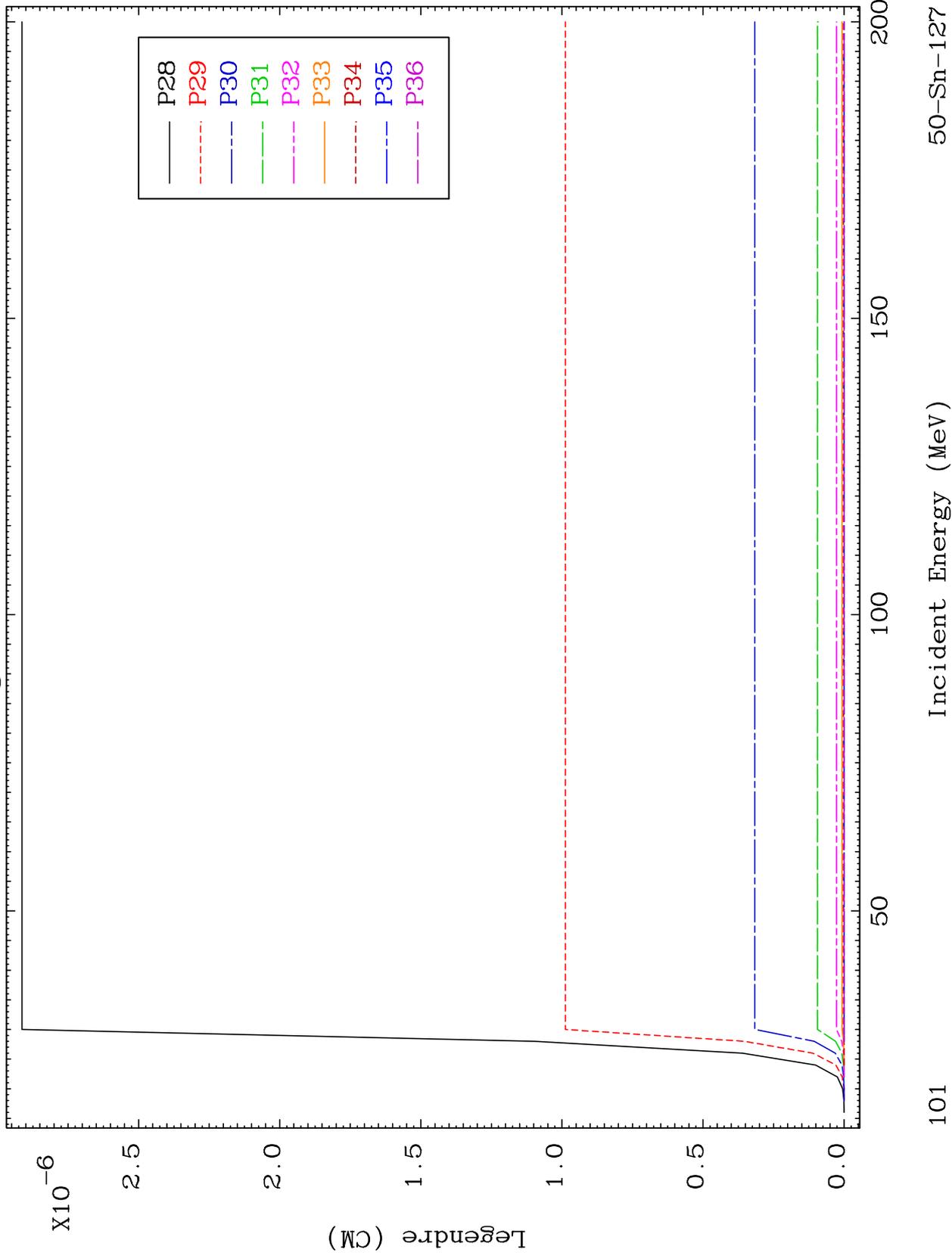




MAT 5070

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

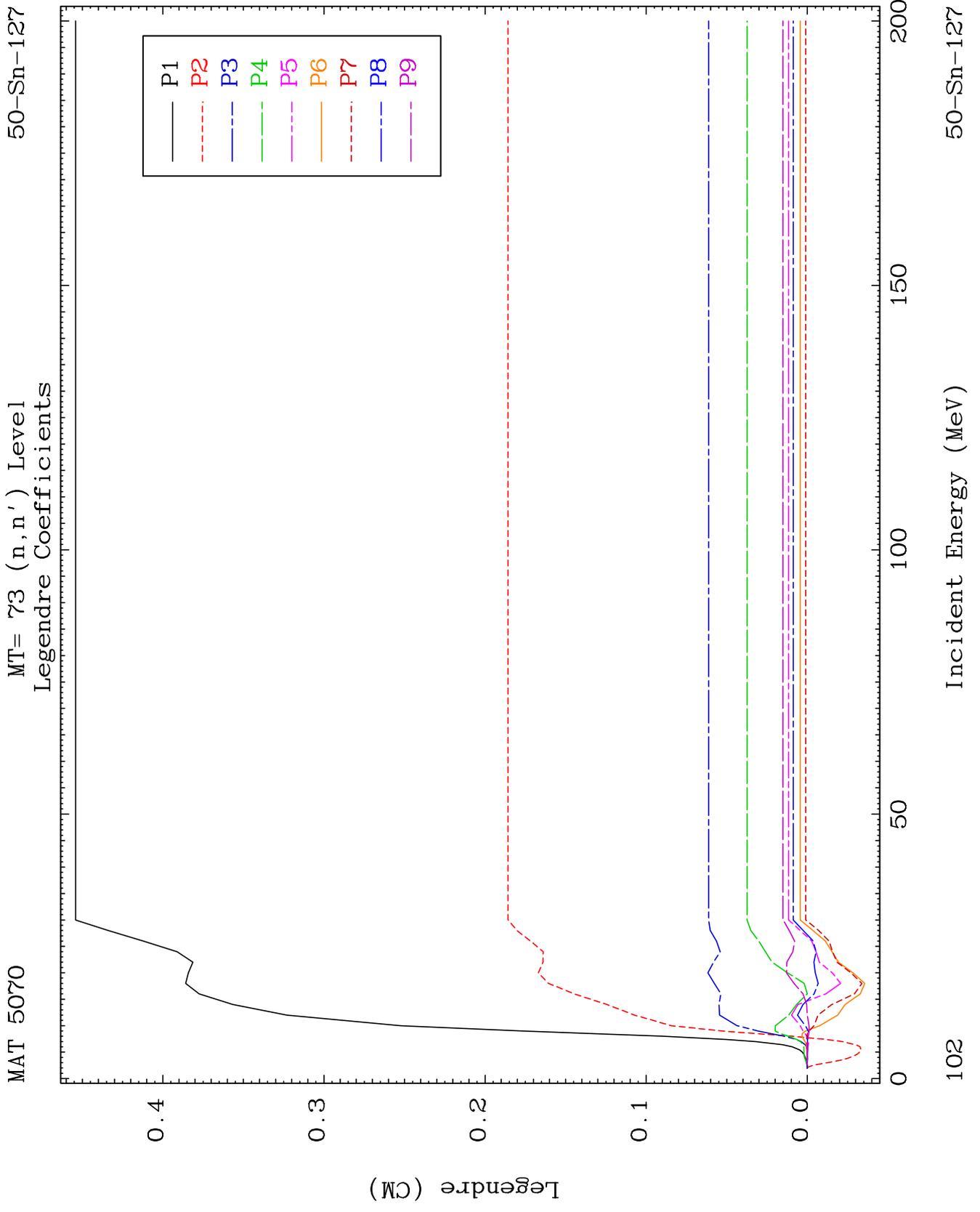
50-Sn-127



101

Incident Energy (MeV)

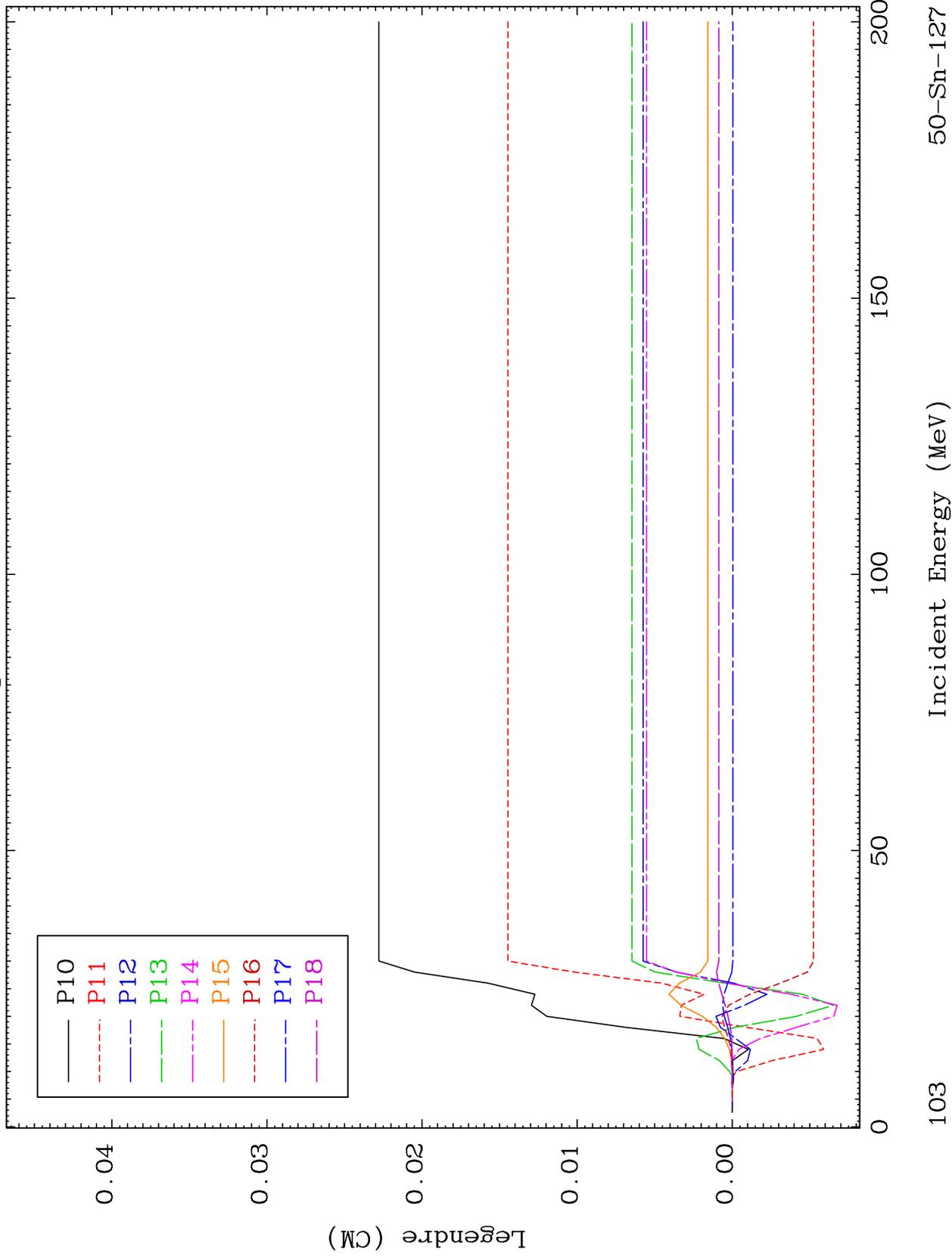
50-Sn-127



MAT 5070

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

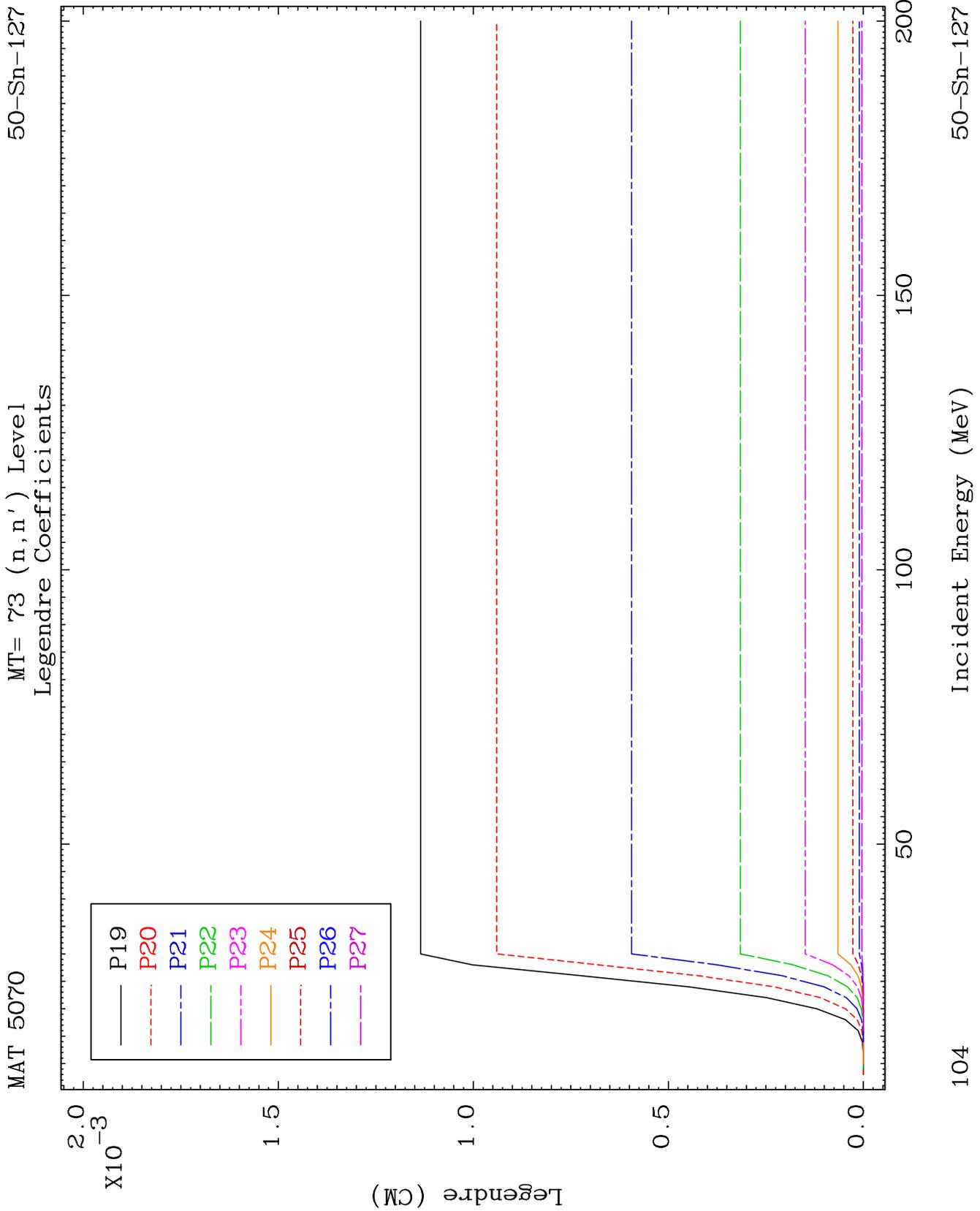
50-Sn-127

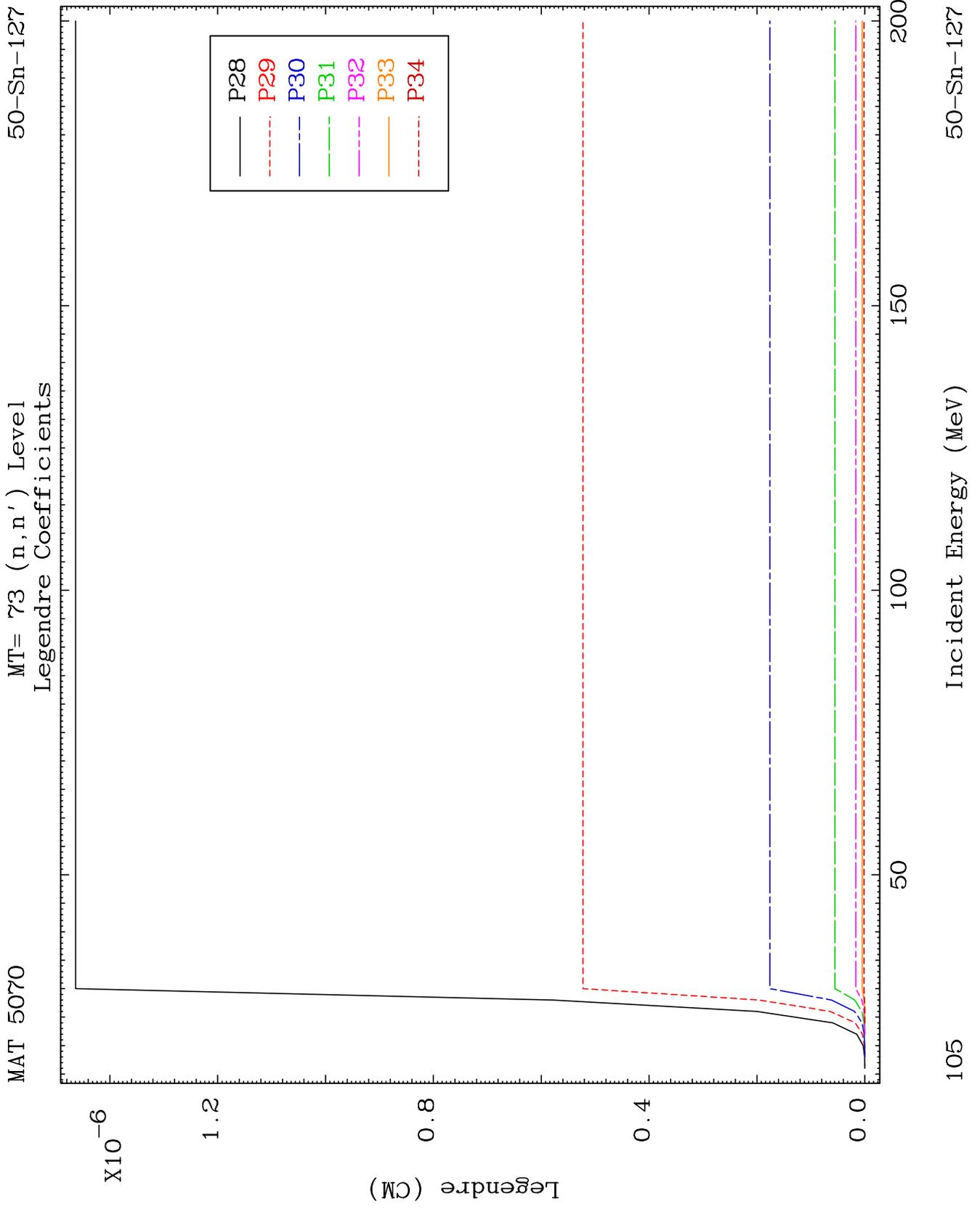


50-Sn-127

Incident Energy (MeV)

103

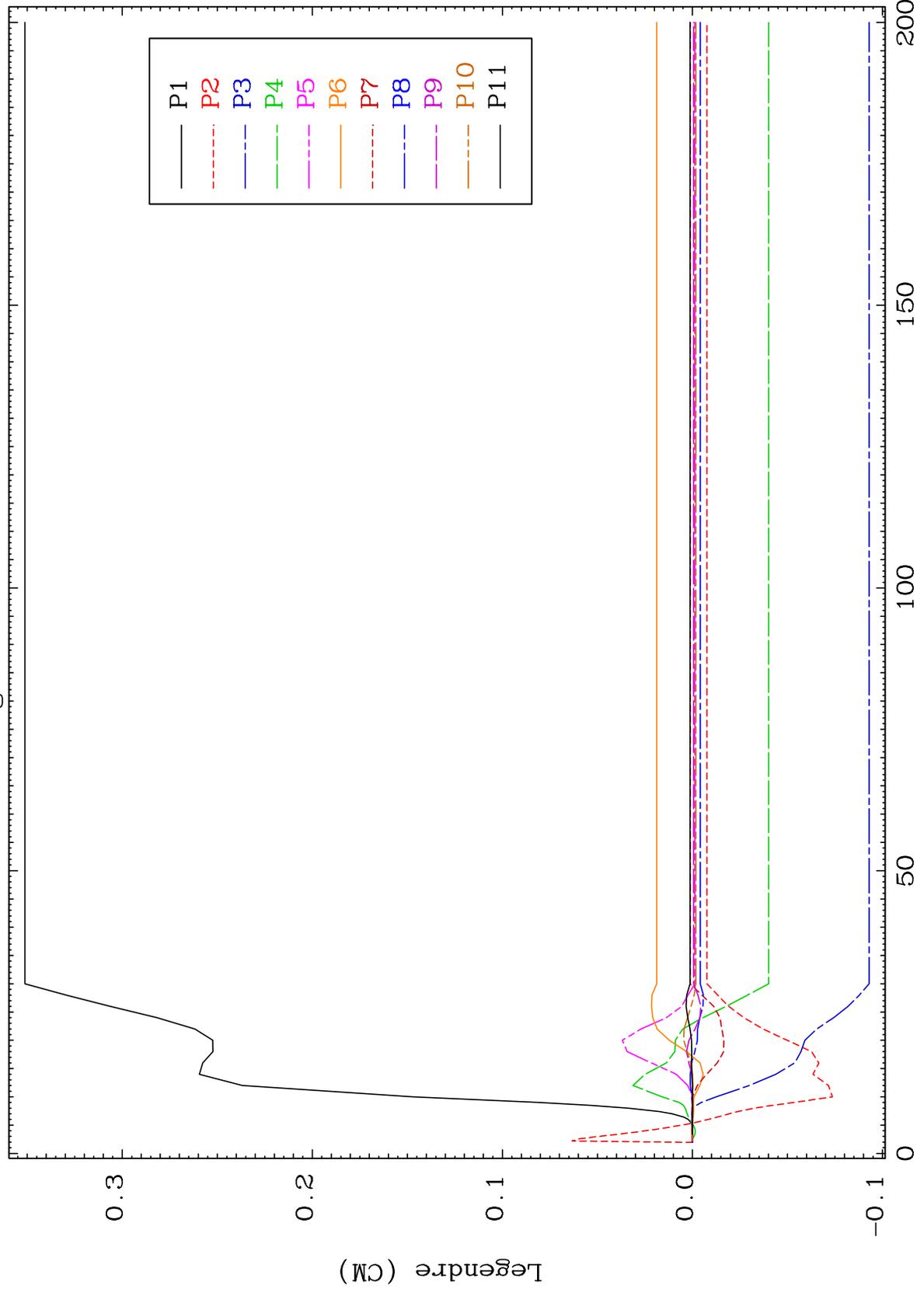




MAT 5070

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

50-Sn-127



50-Sn-127

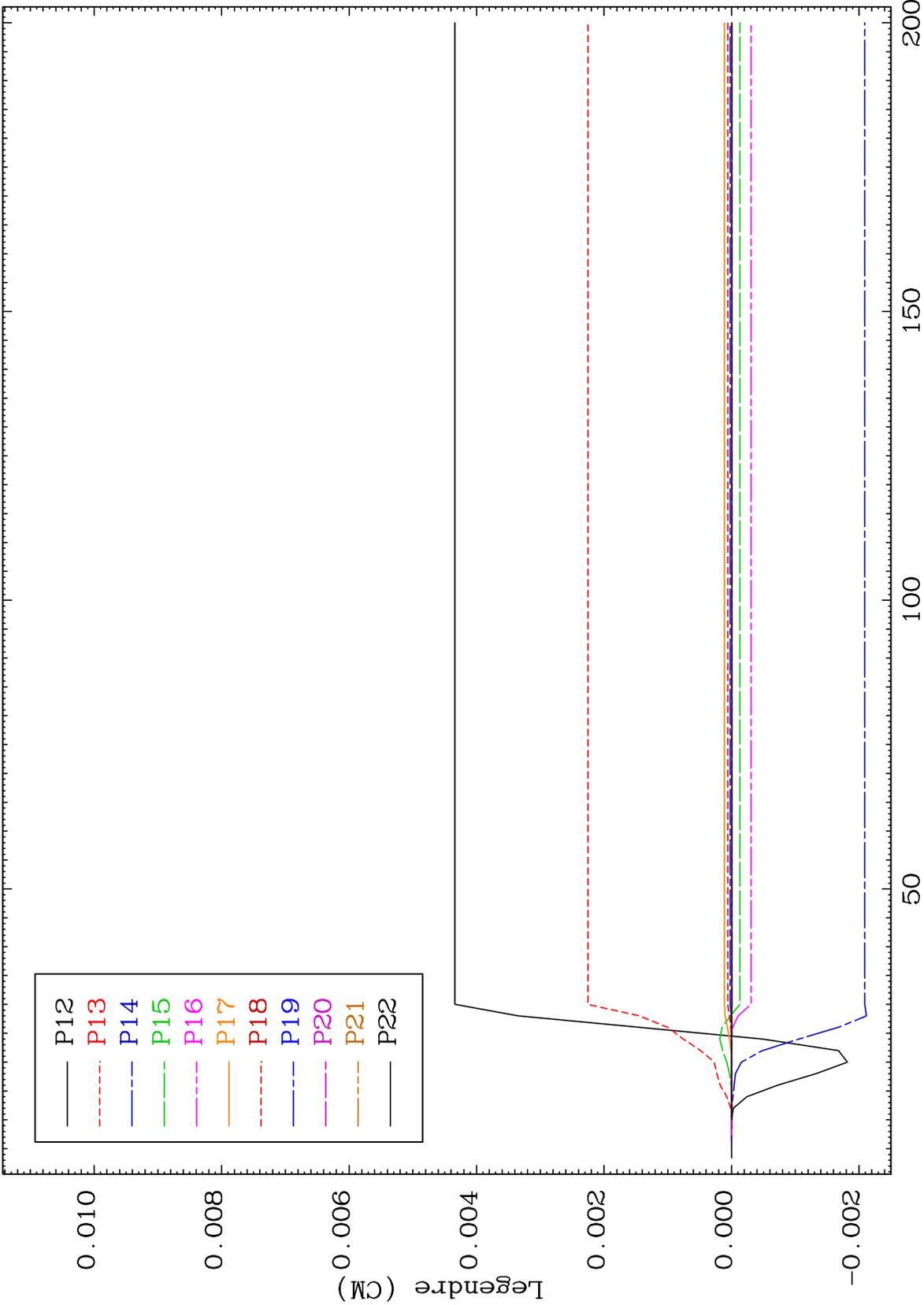
Incident Energy (MeV)

106

MAT 5070

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

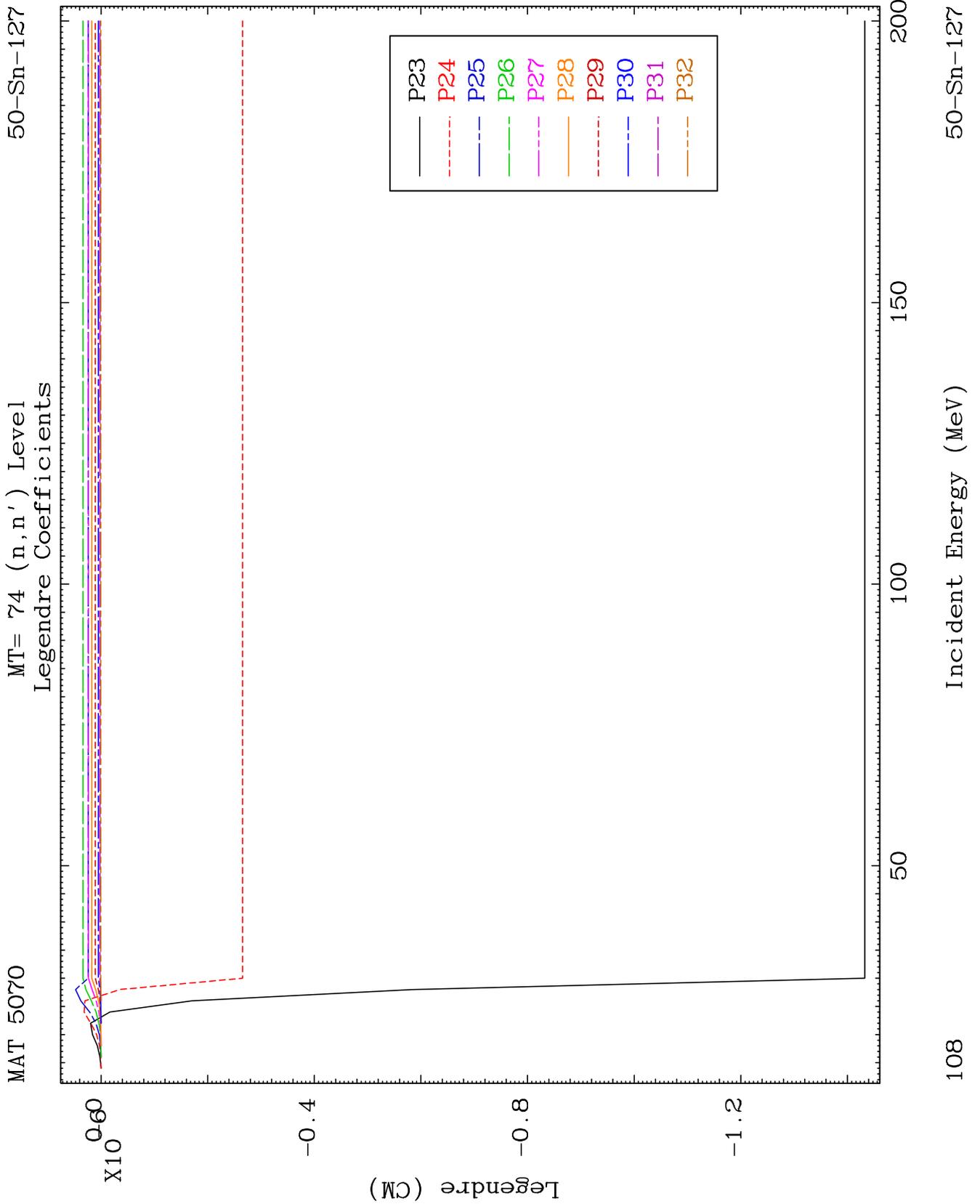
50-Sn-127

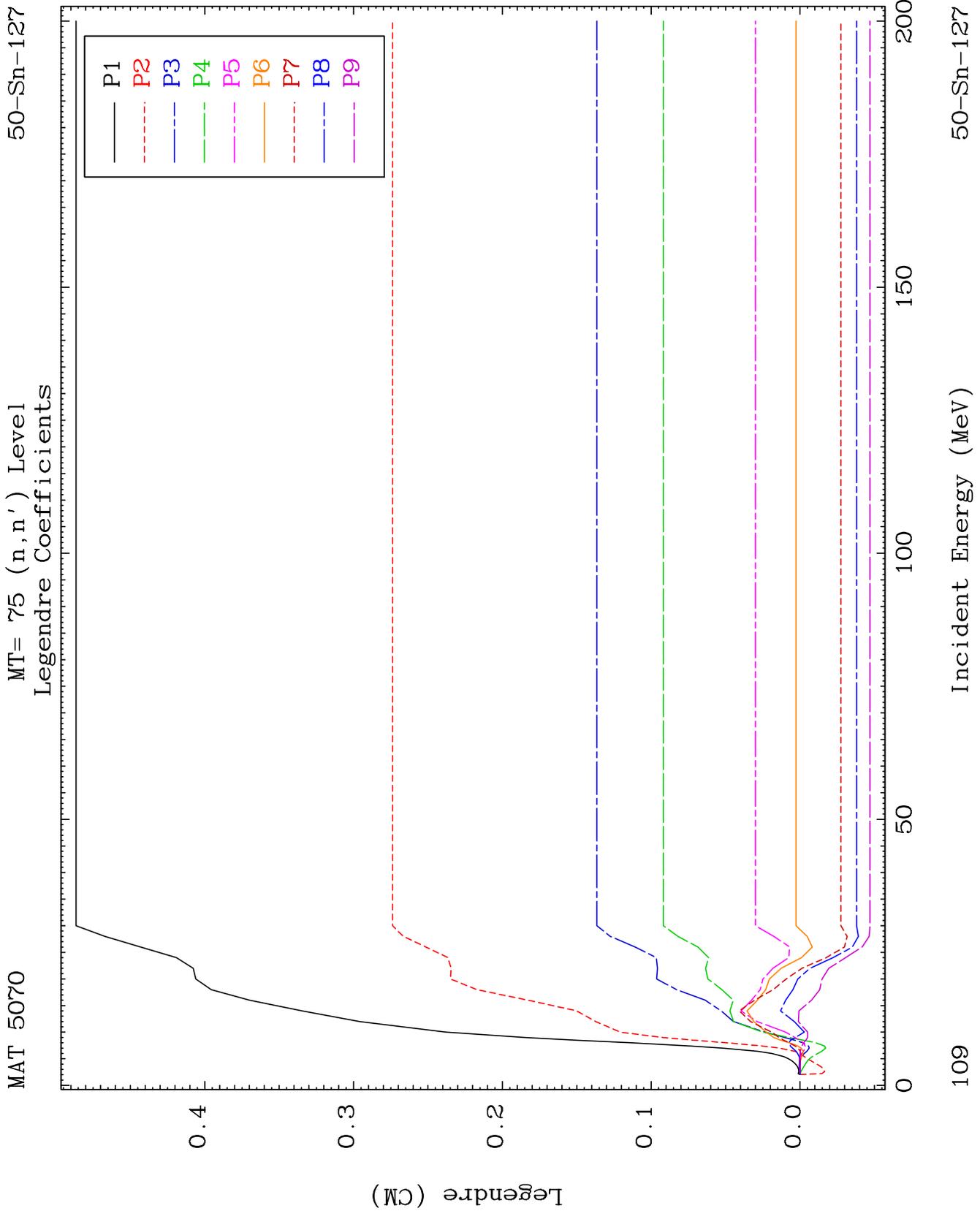


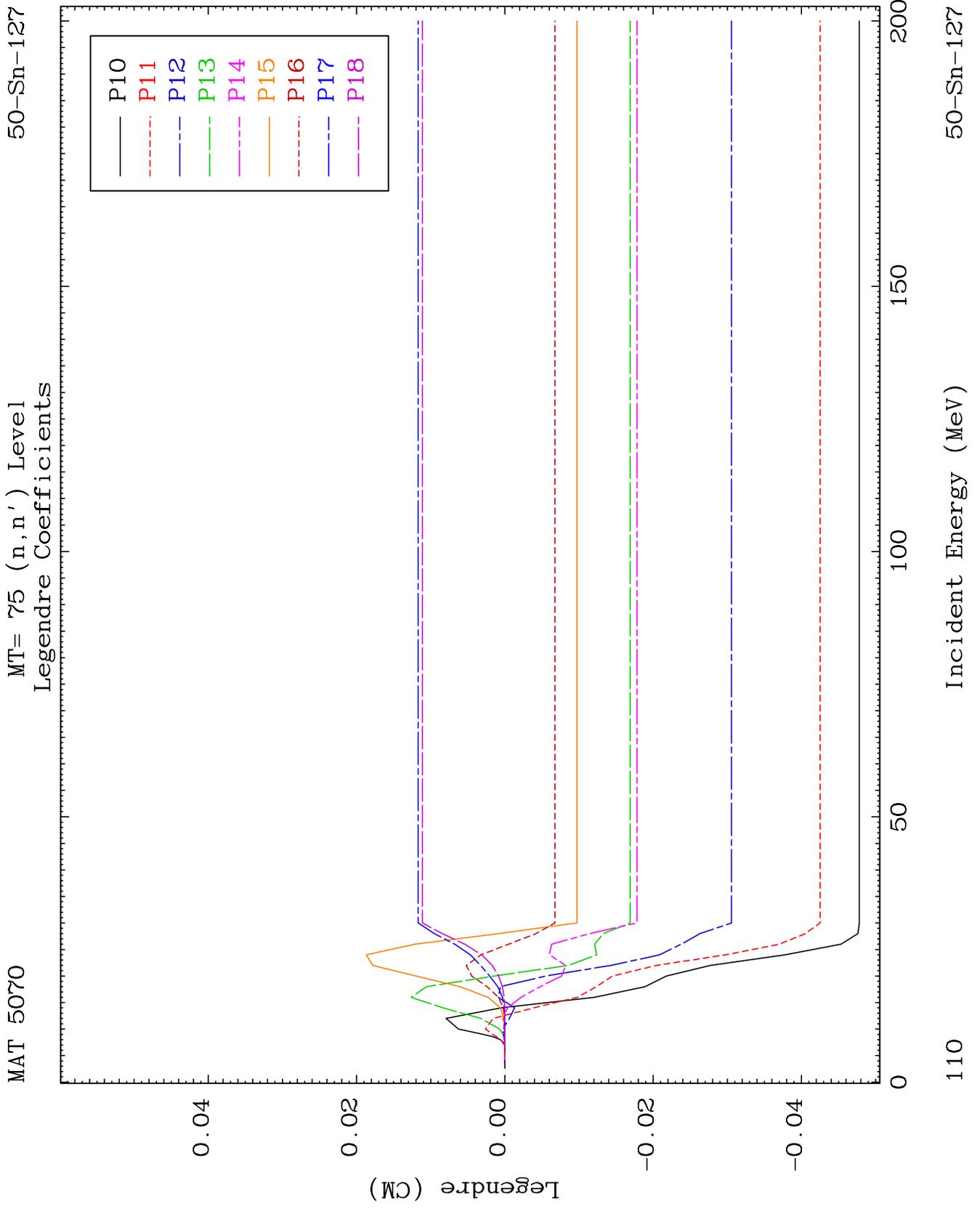
107

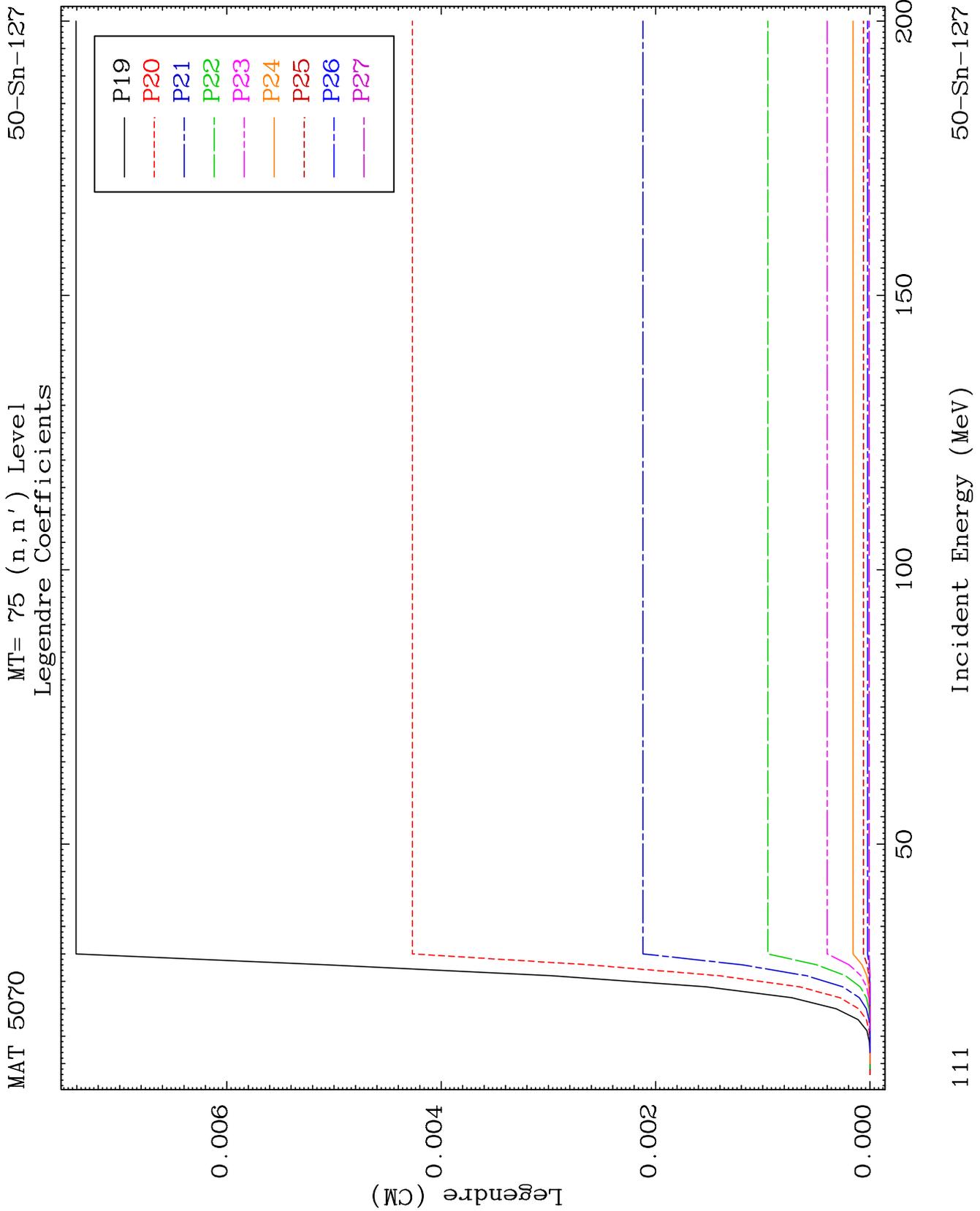
Incident Energy (MeV)

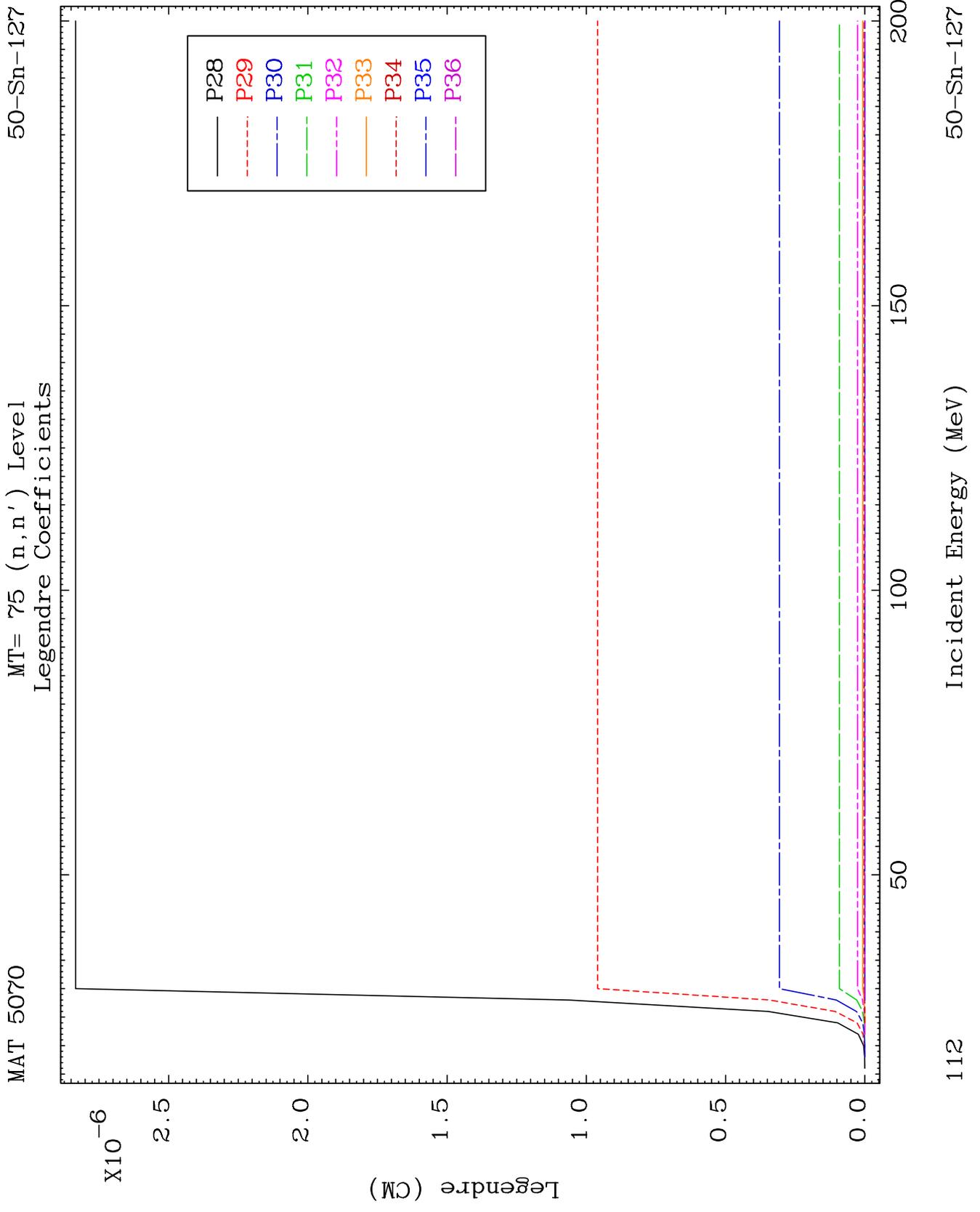
50-Sn-127







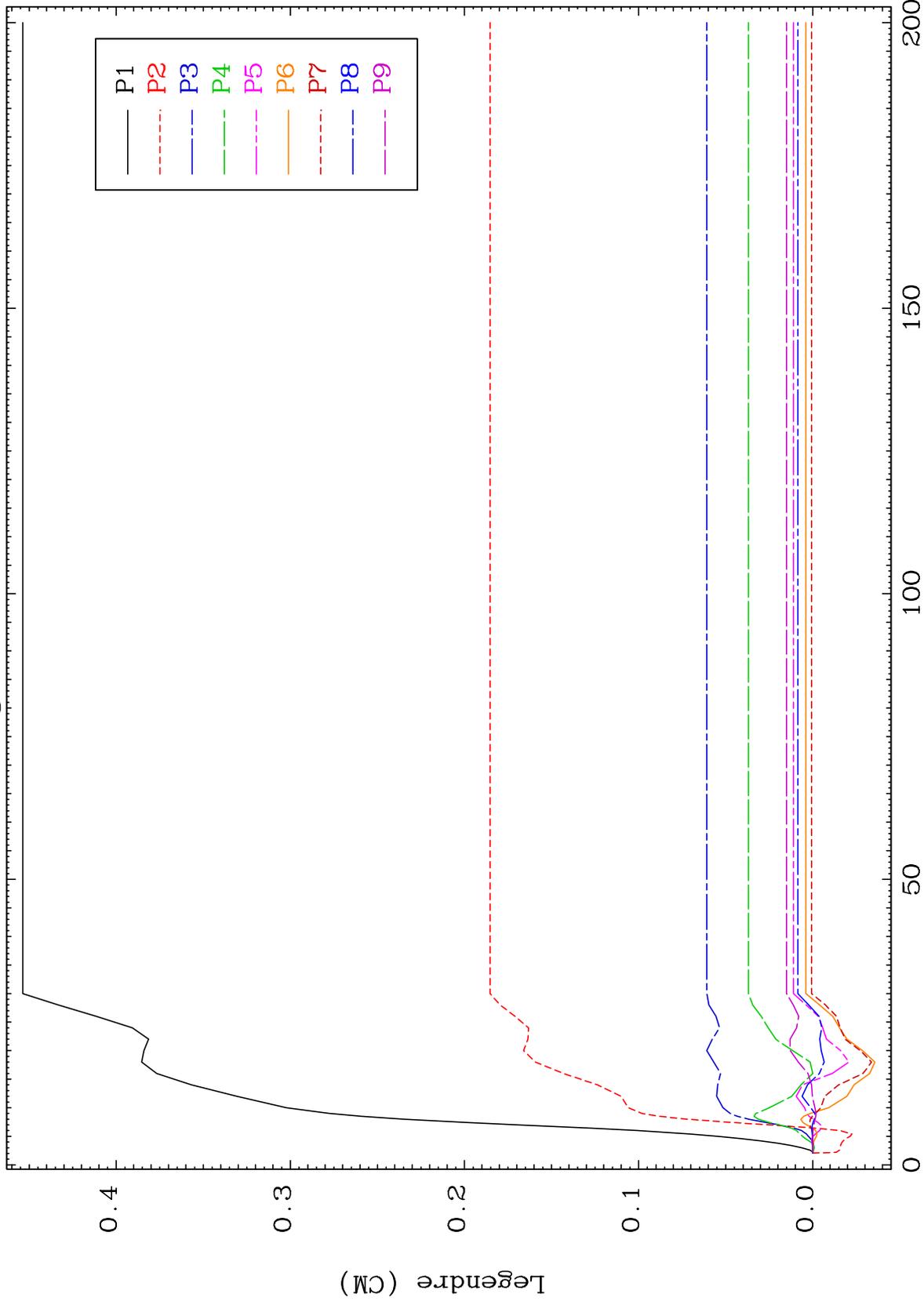




MAT 5070

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

50-Sn-127



113

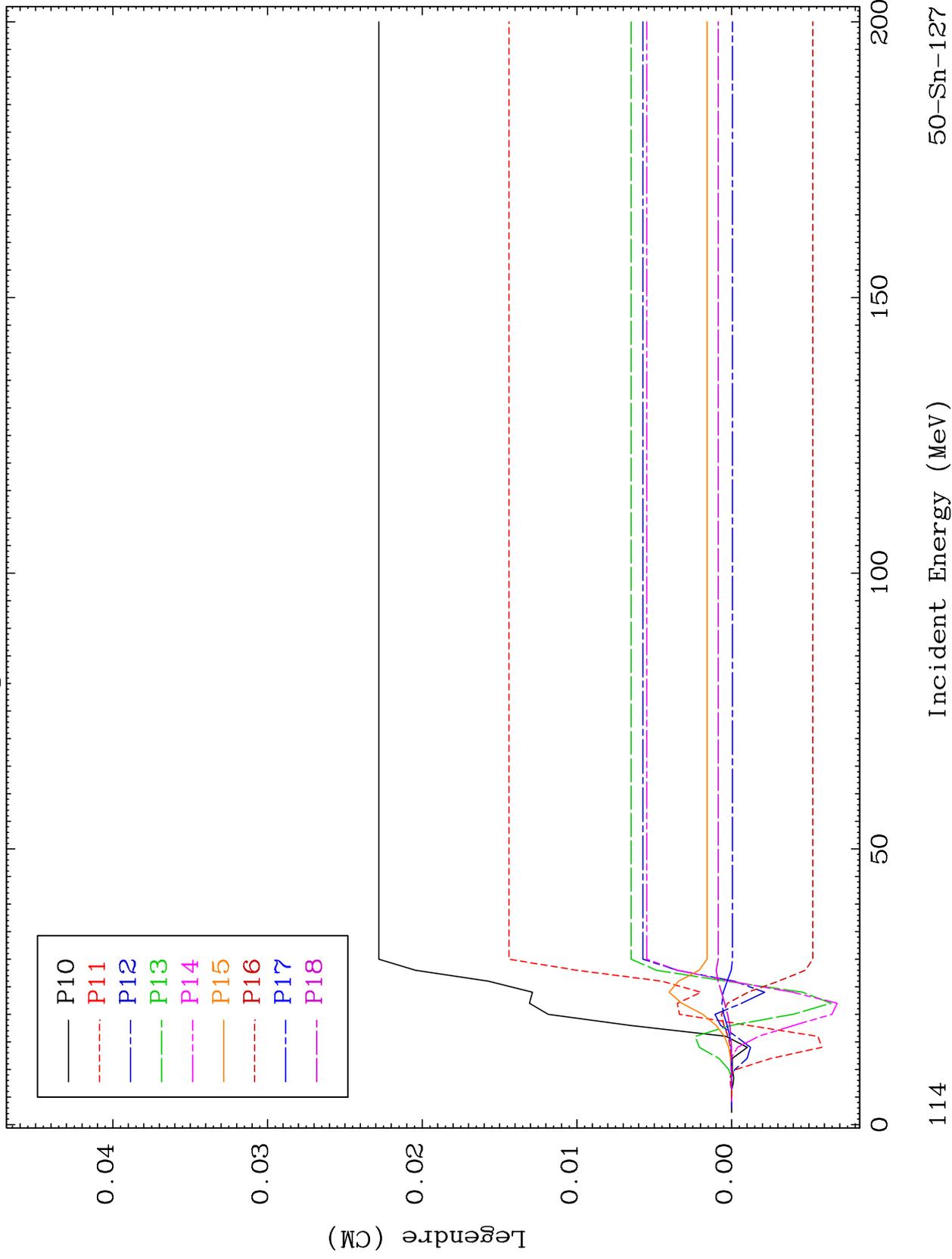
Incident Energy (MeV)

50-Sn-127

MAT 5070

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

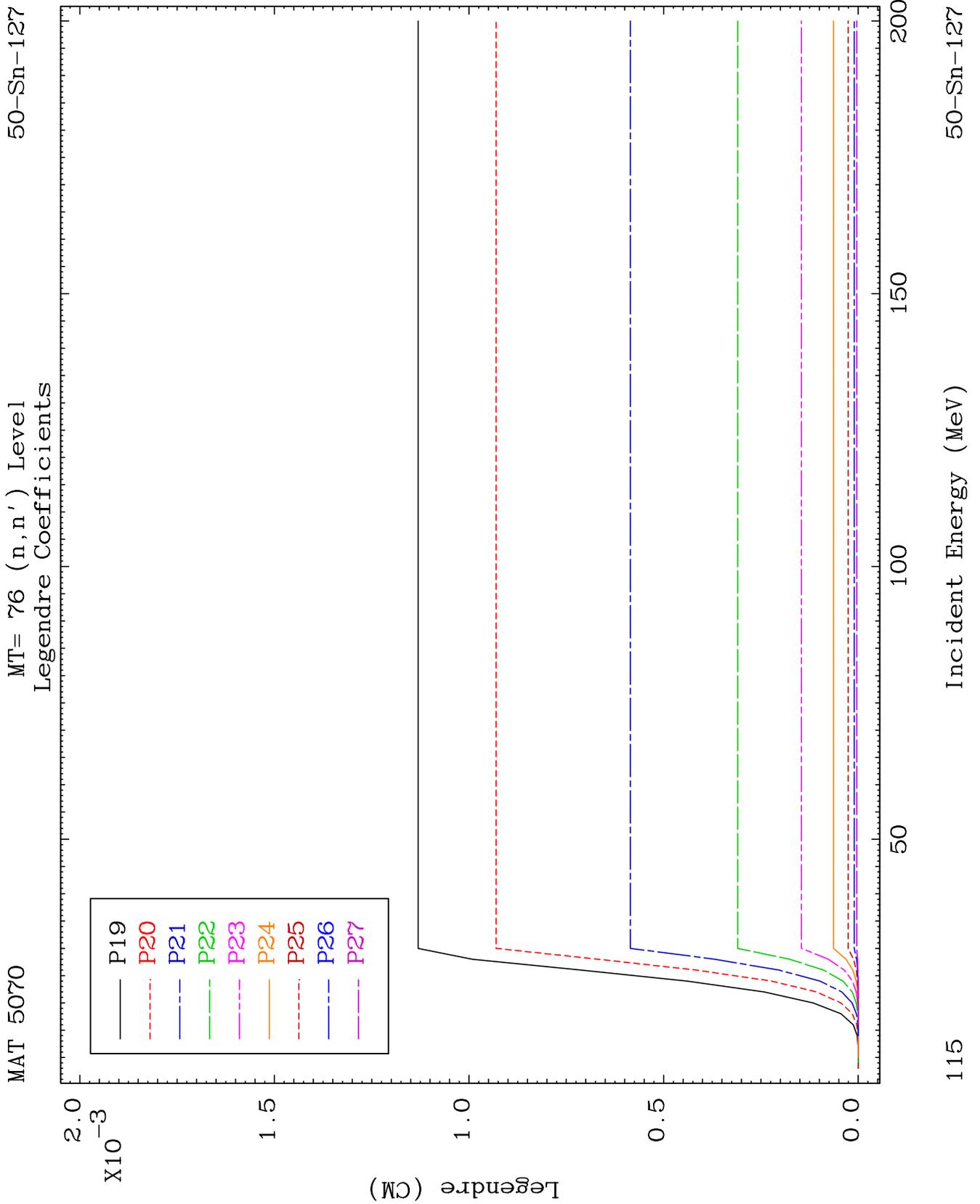
50-Sn-127



114

Incident Energy (MeV)

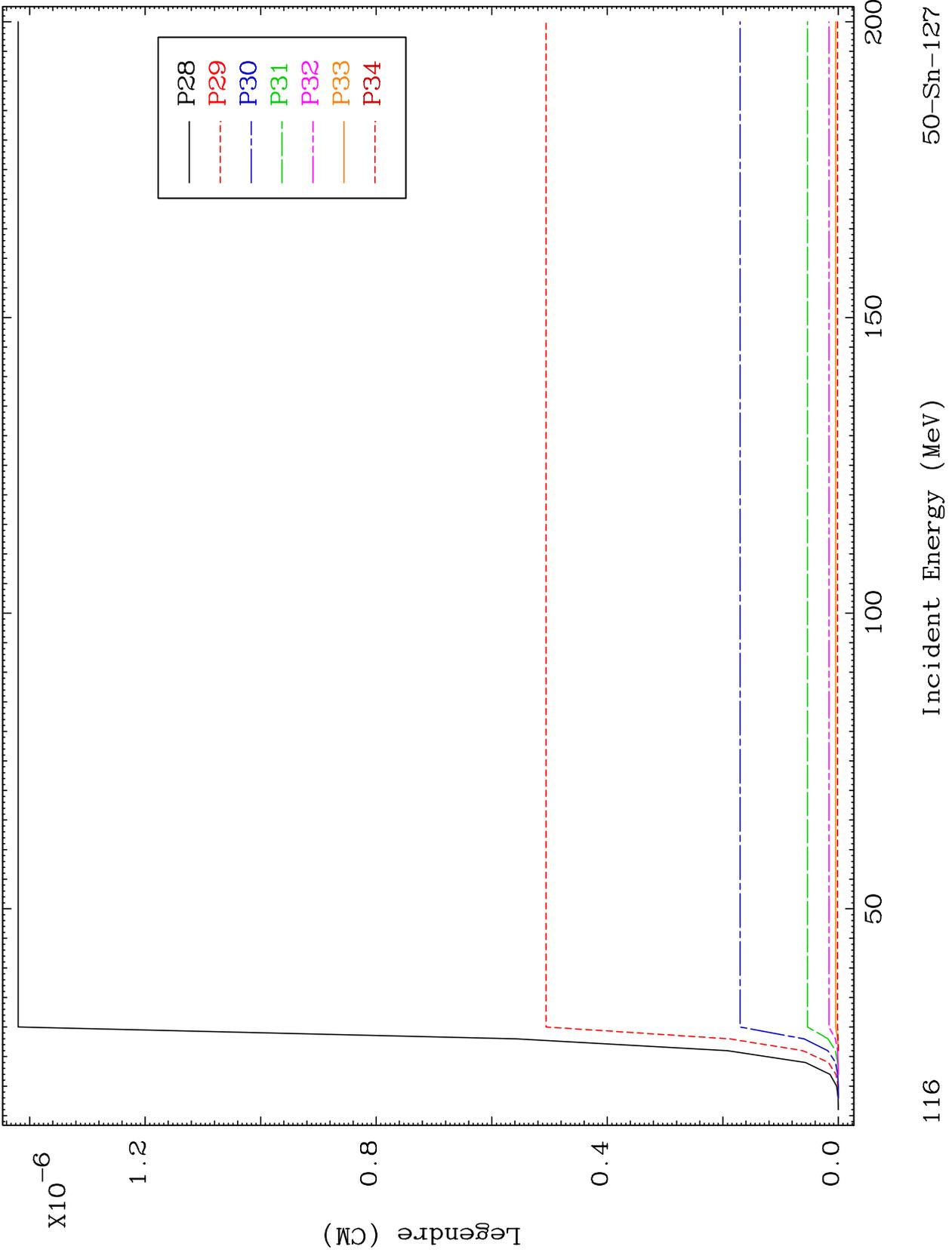
50-Sn-127



MAT 5070

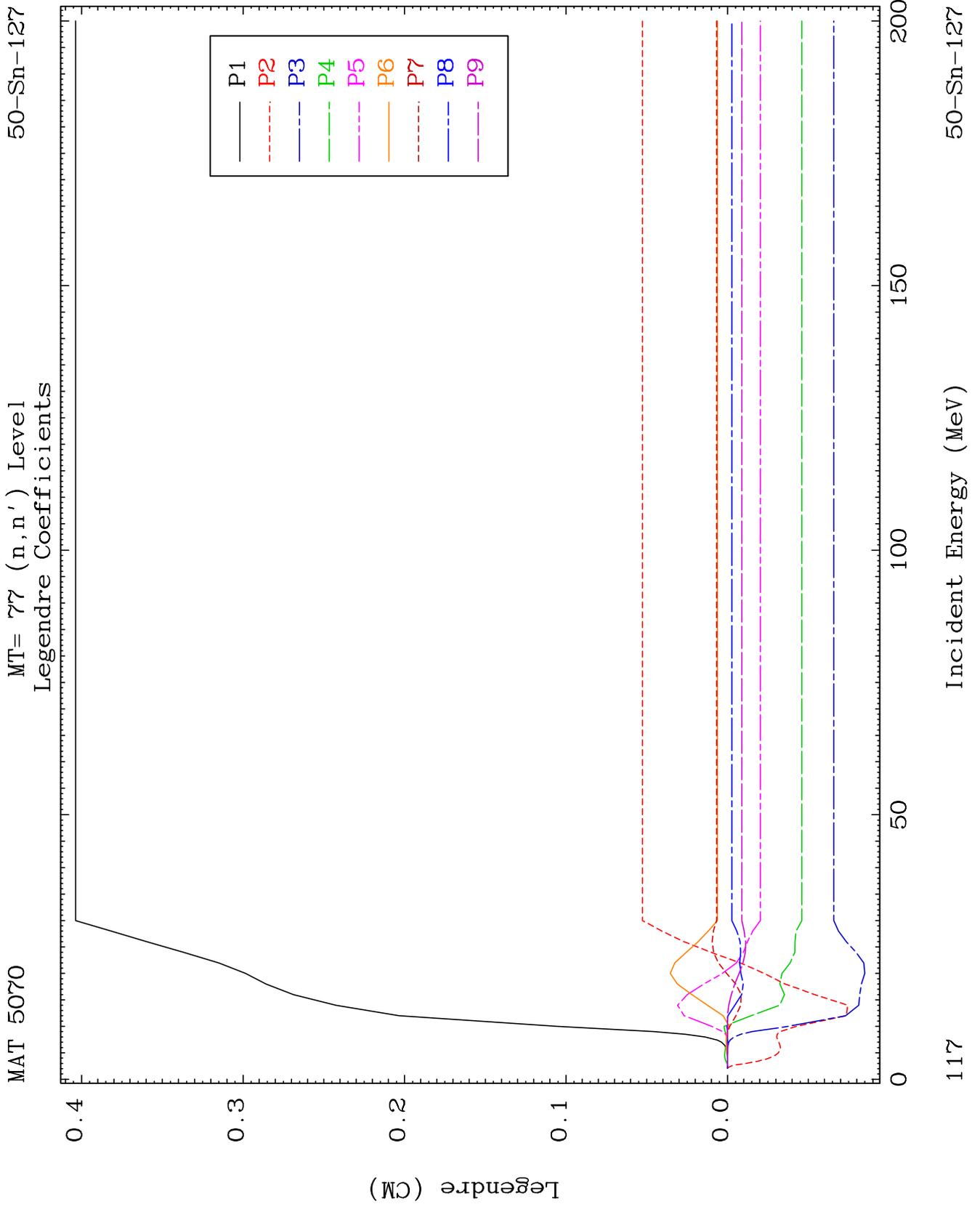
MT= 76 (n,n') Level
Legendre Coefficients

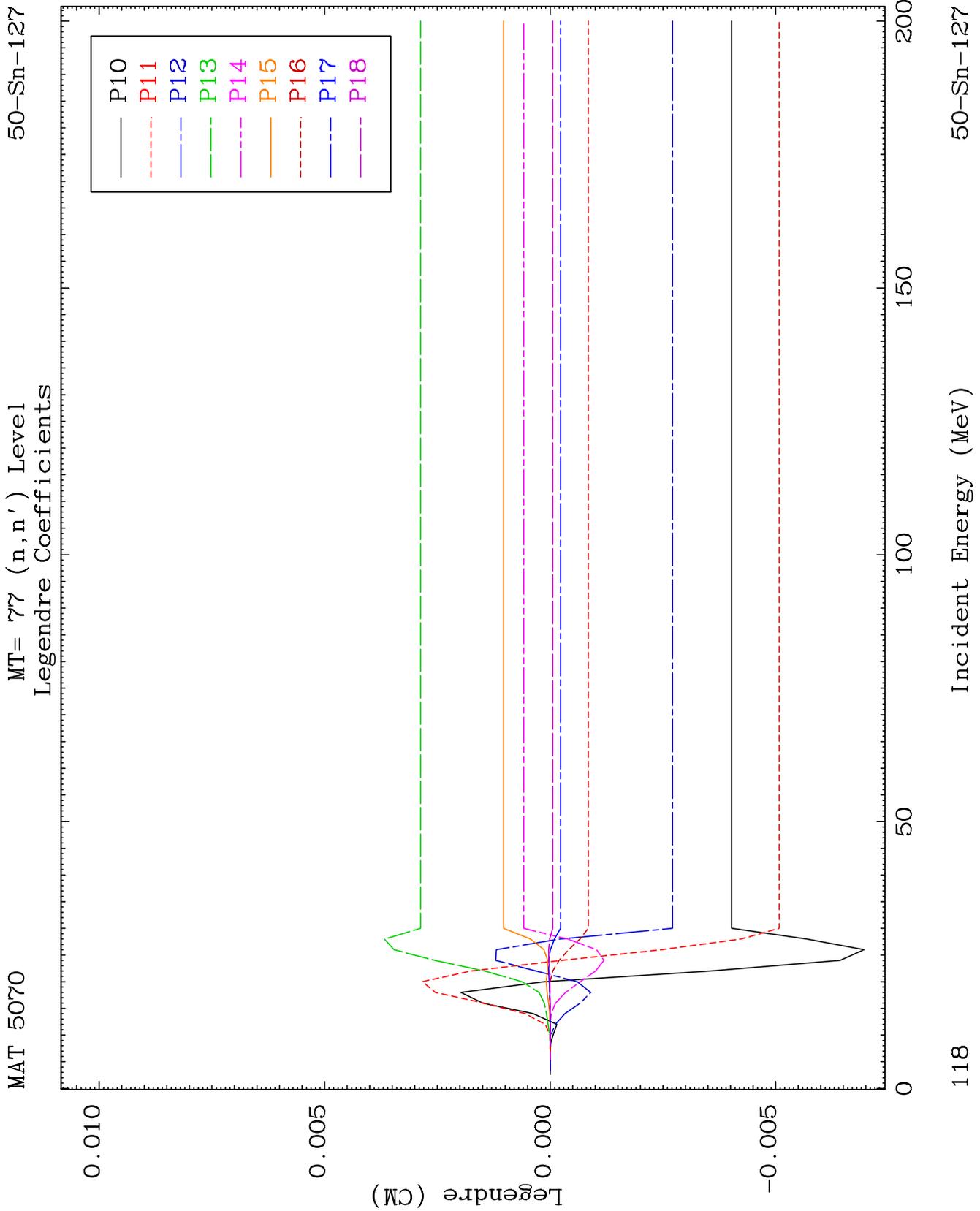
50-Sn-127

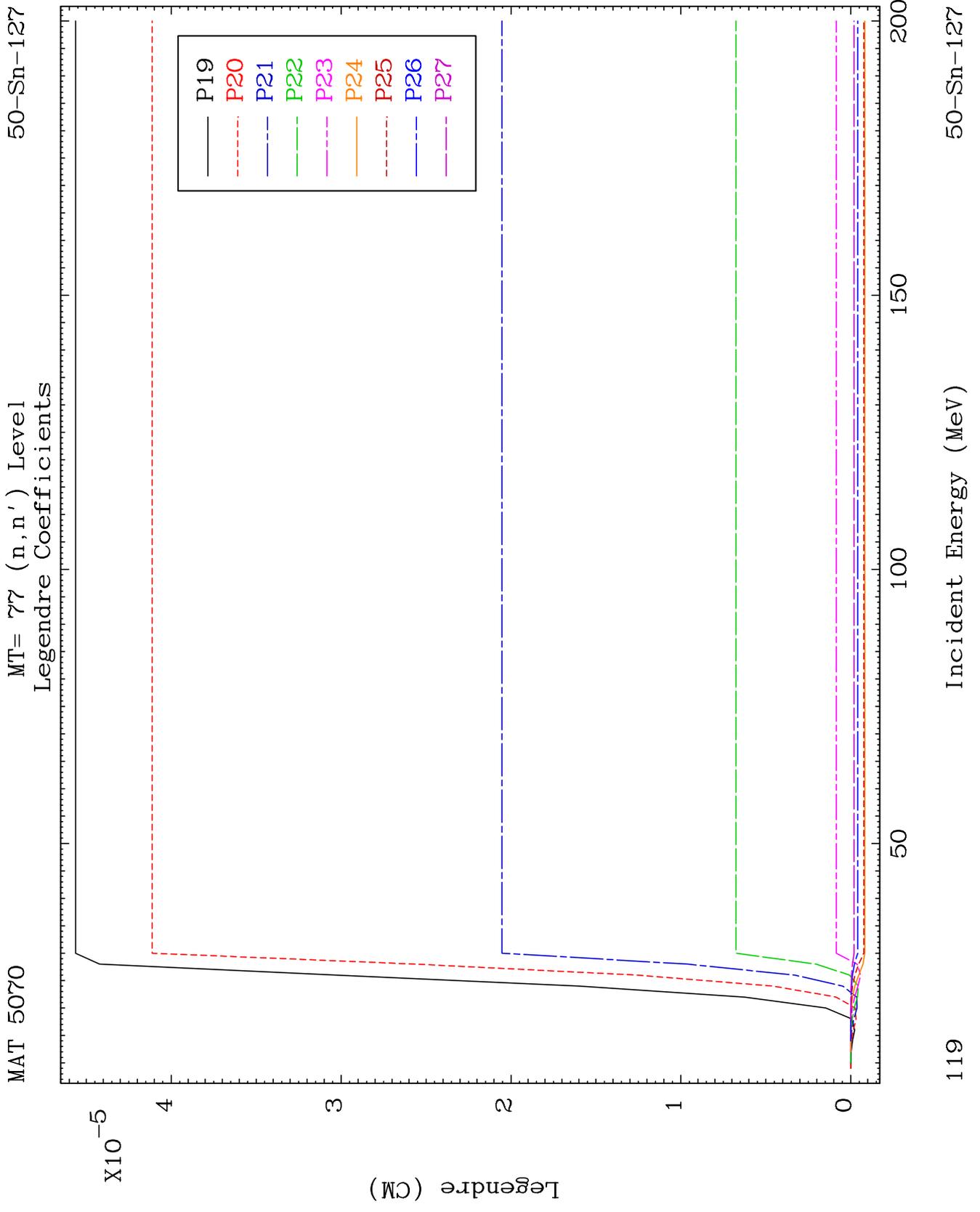


116

50-Sn-127



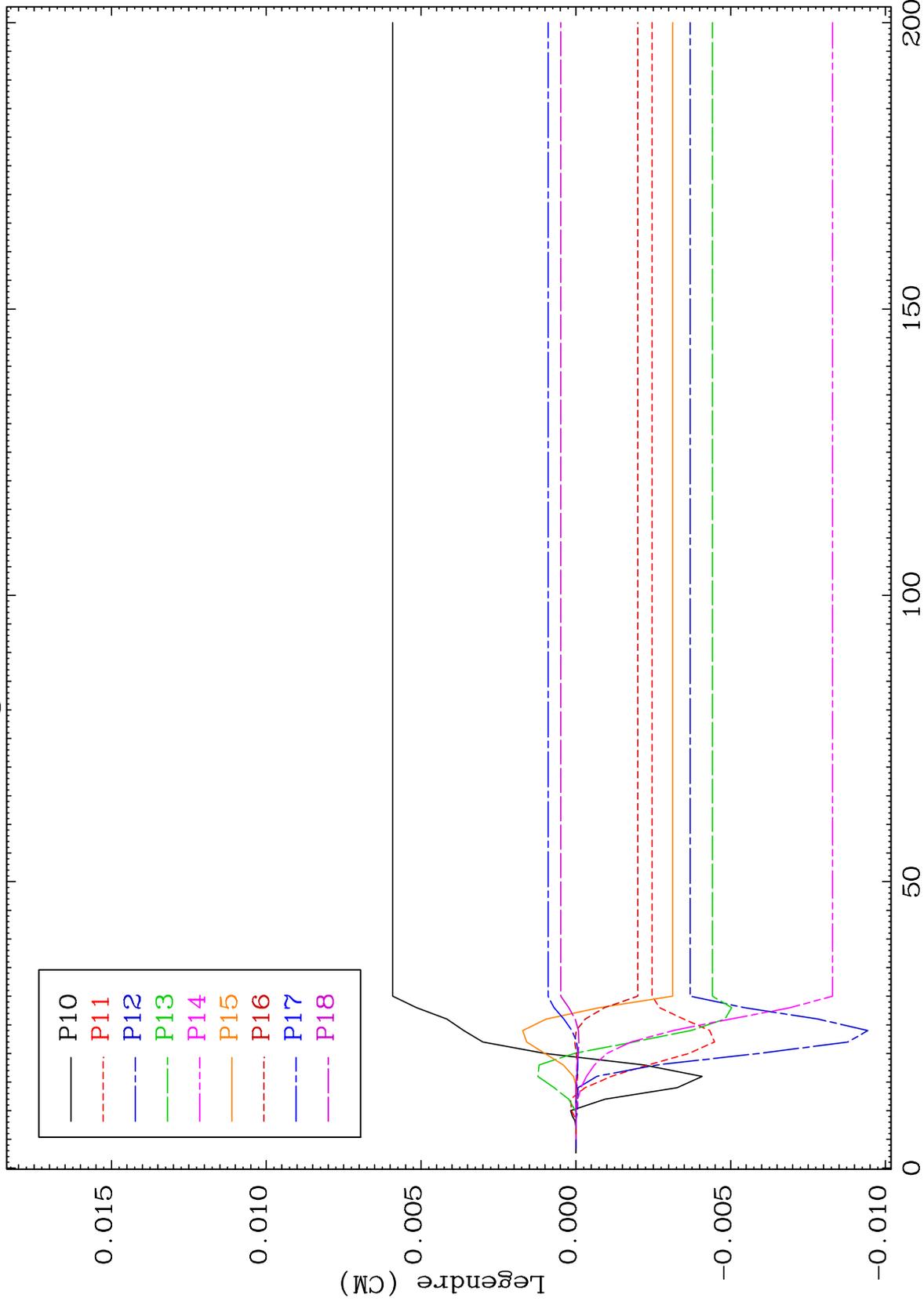




MAT 5070

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

50-Sn-127



122

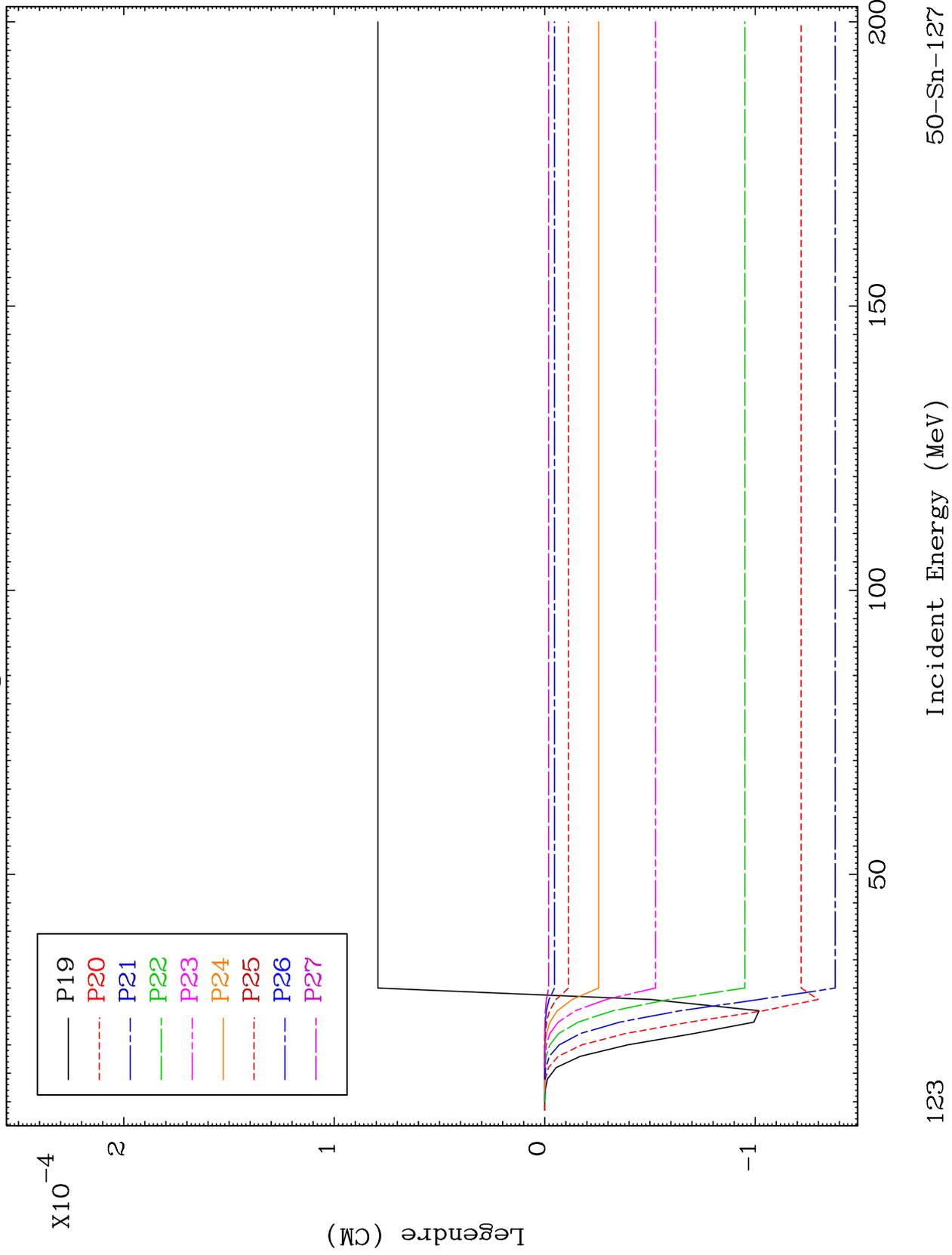
Incident Energy (MeV)

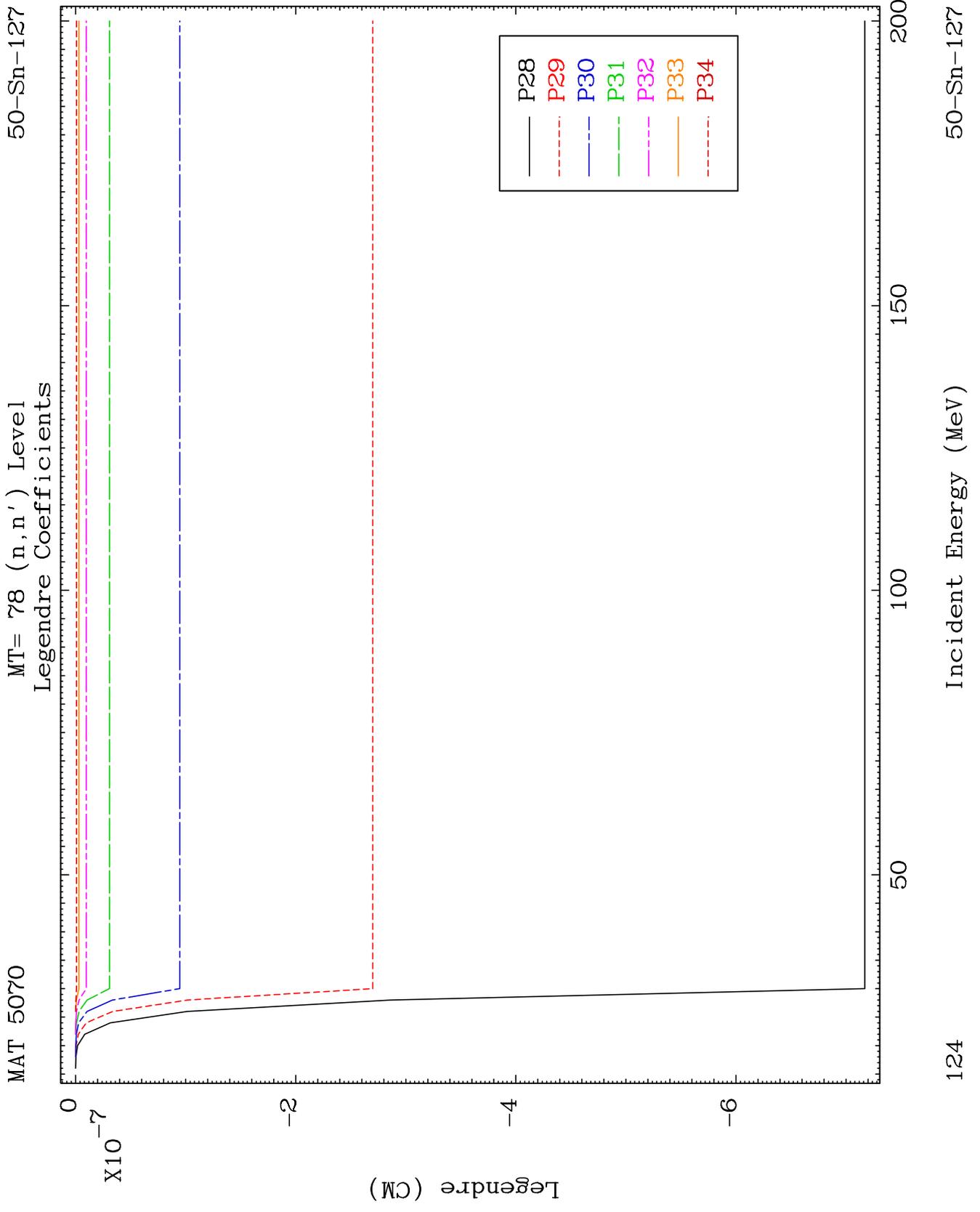
50-Sn-127

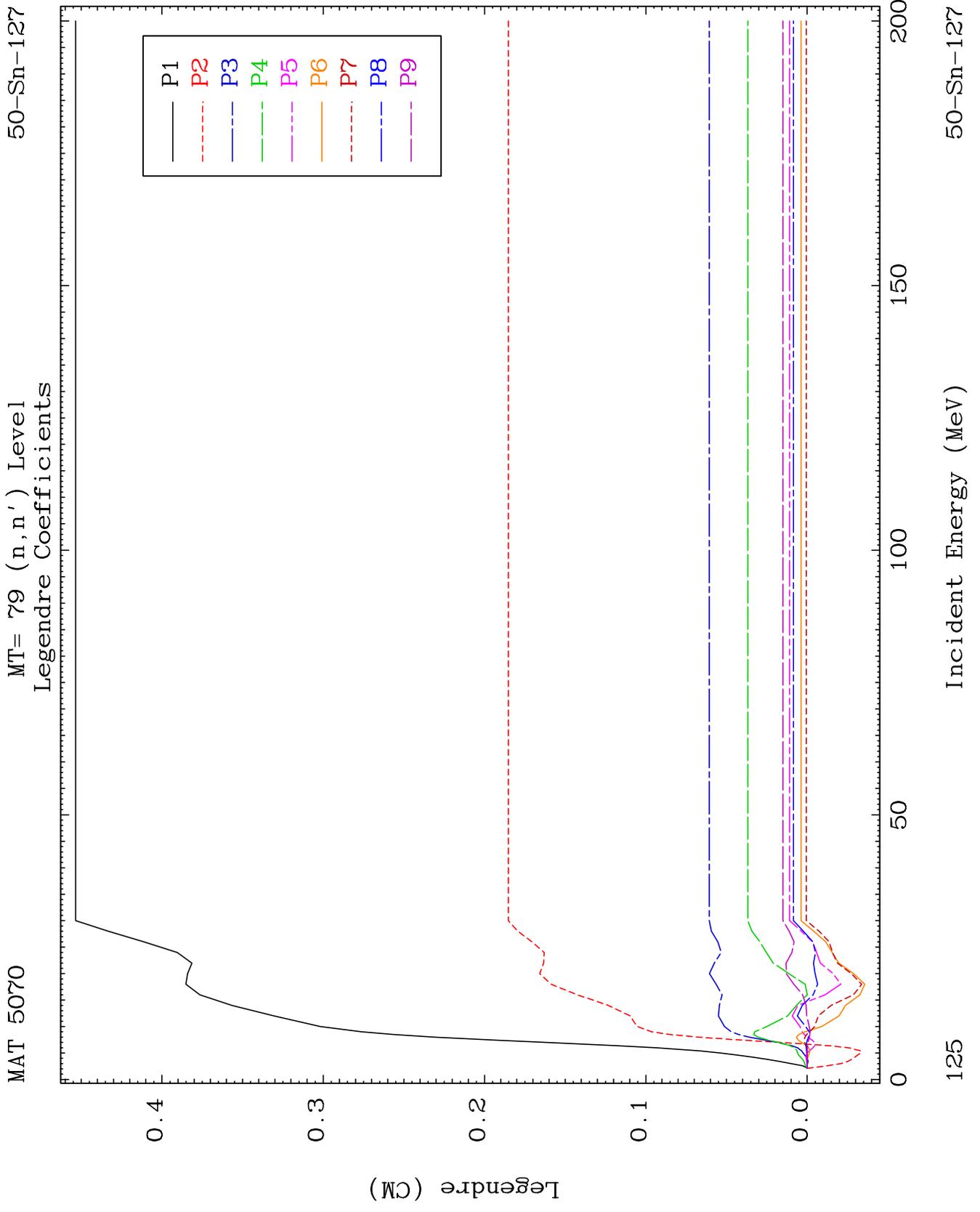
MAT 5070

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

50-Sn-127



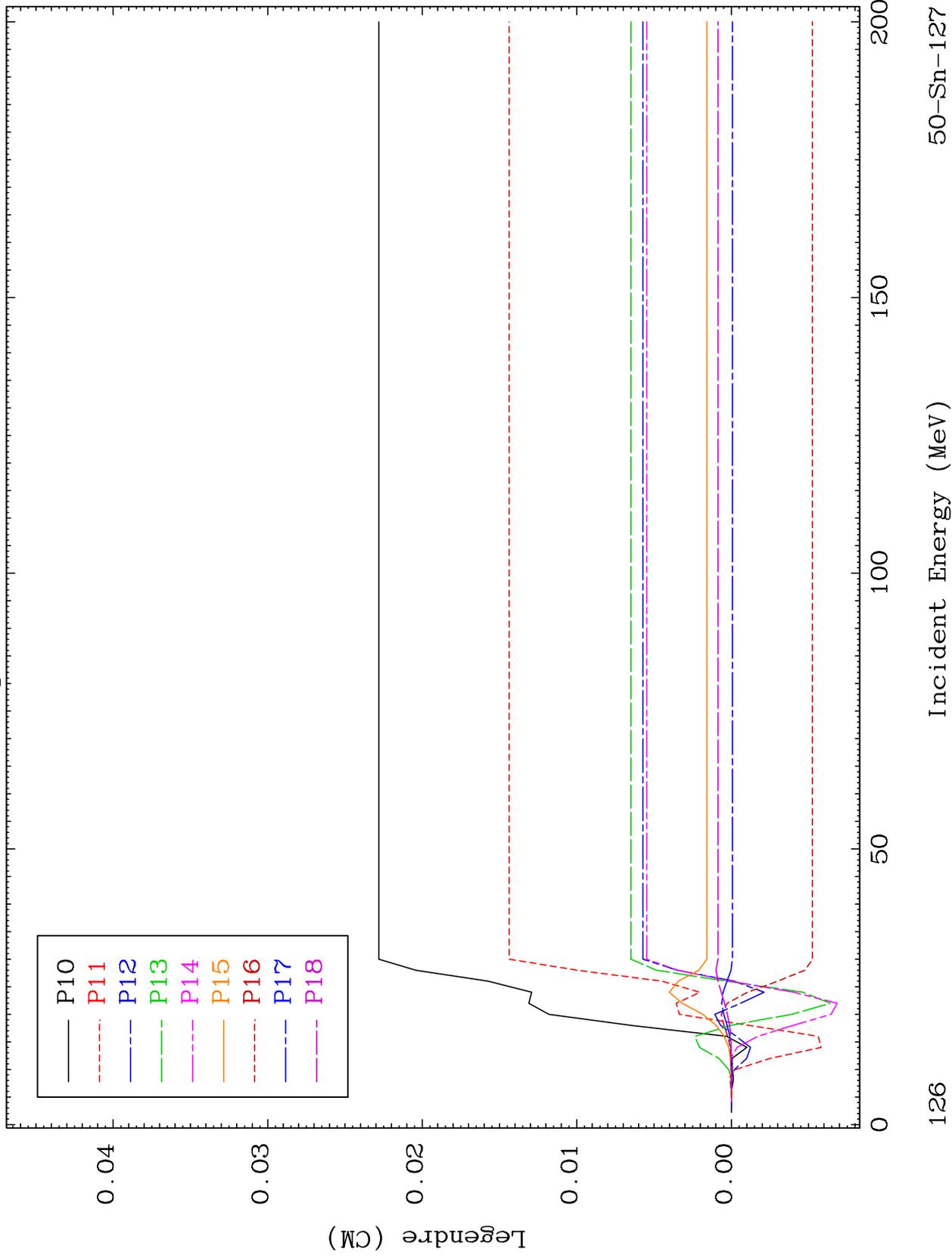




MAT 5070

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

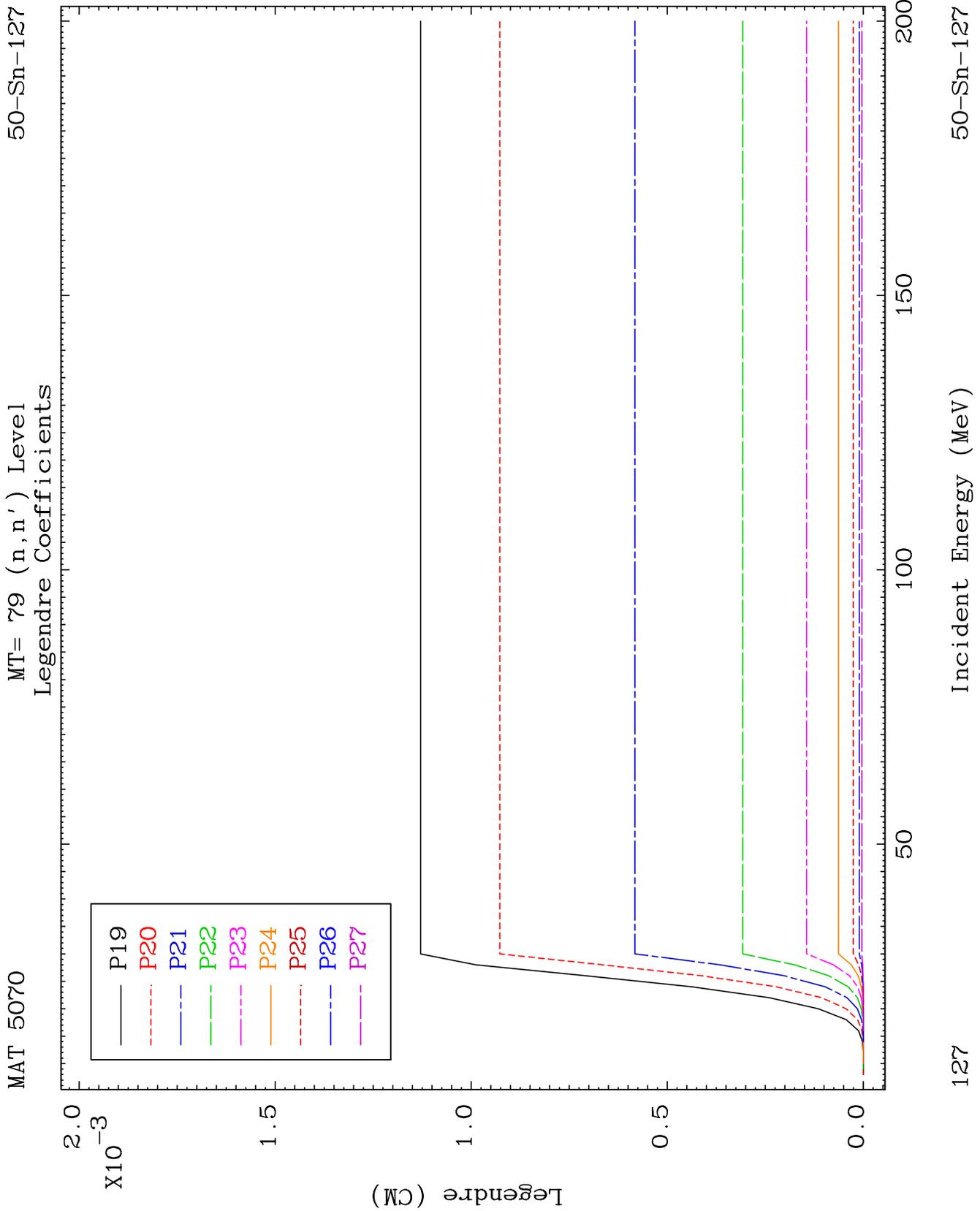
50-Sn-127

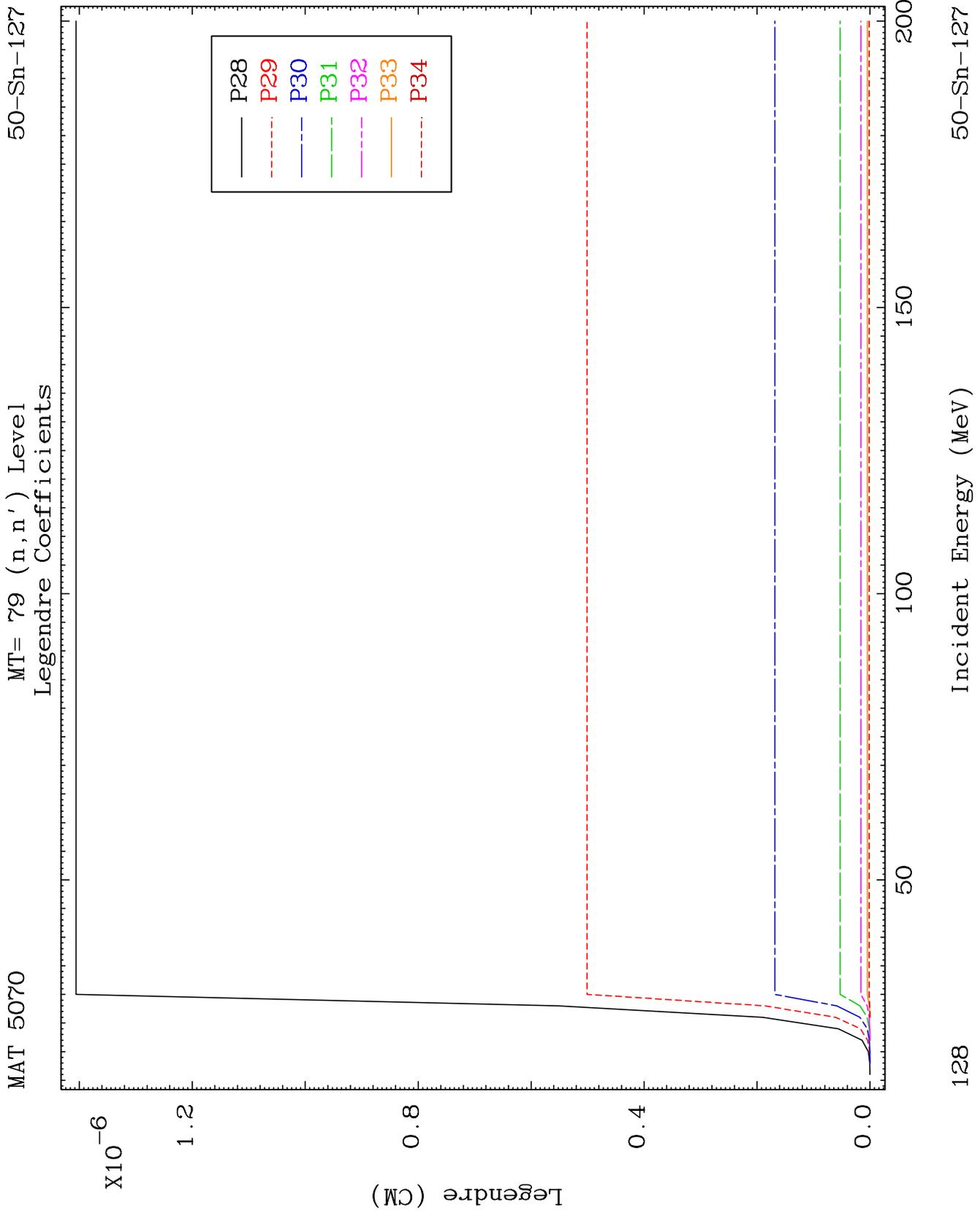


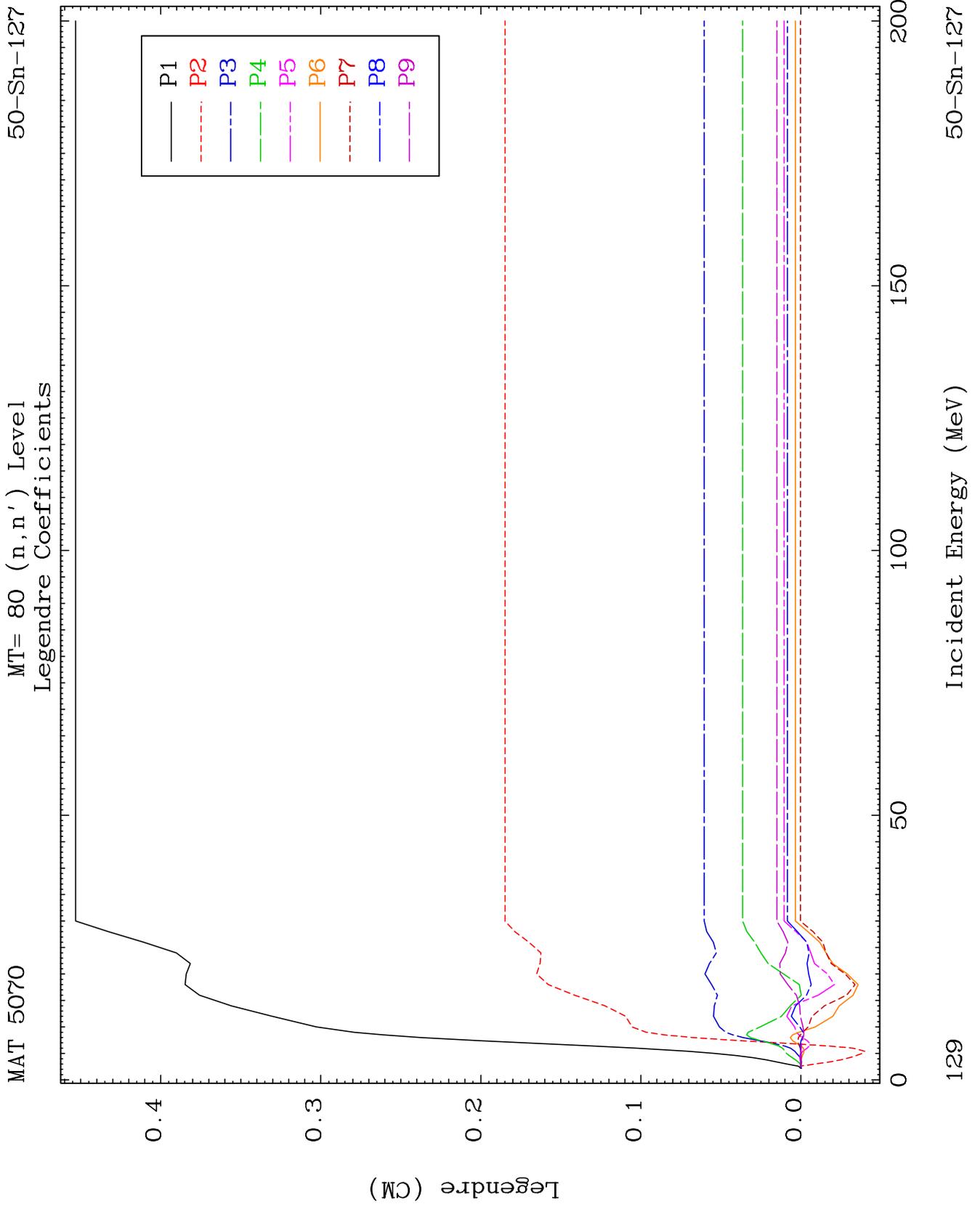
126

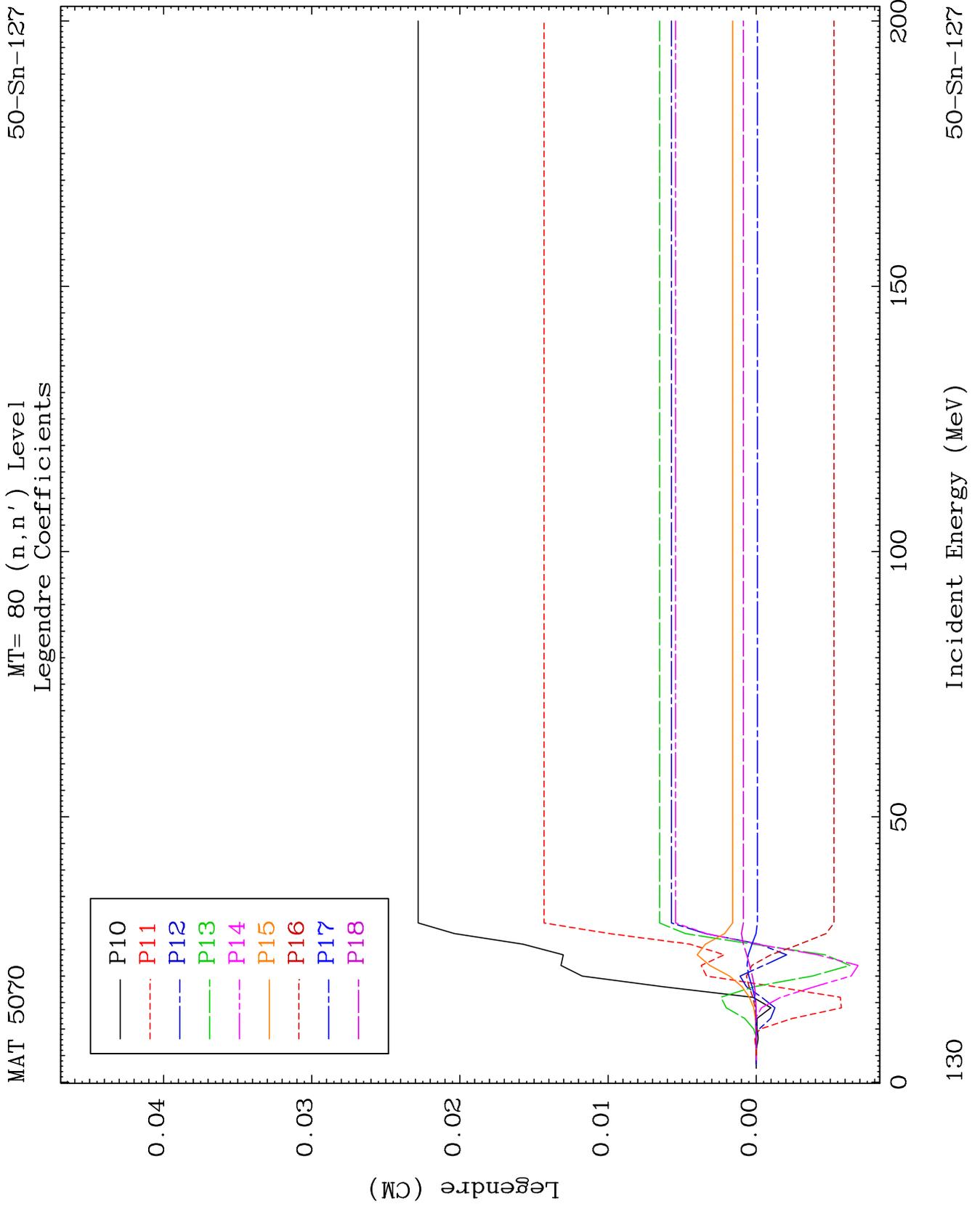
Incident Energy (MeV)

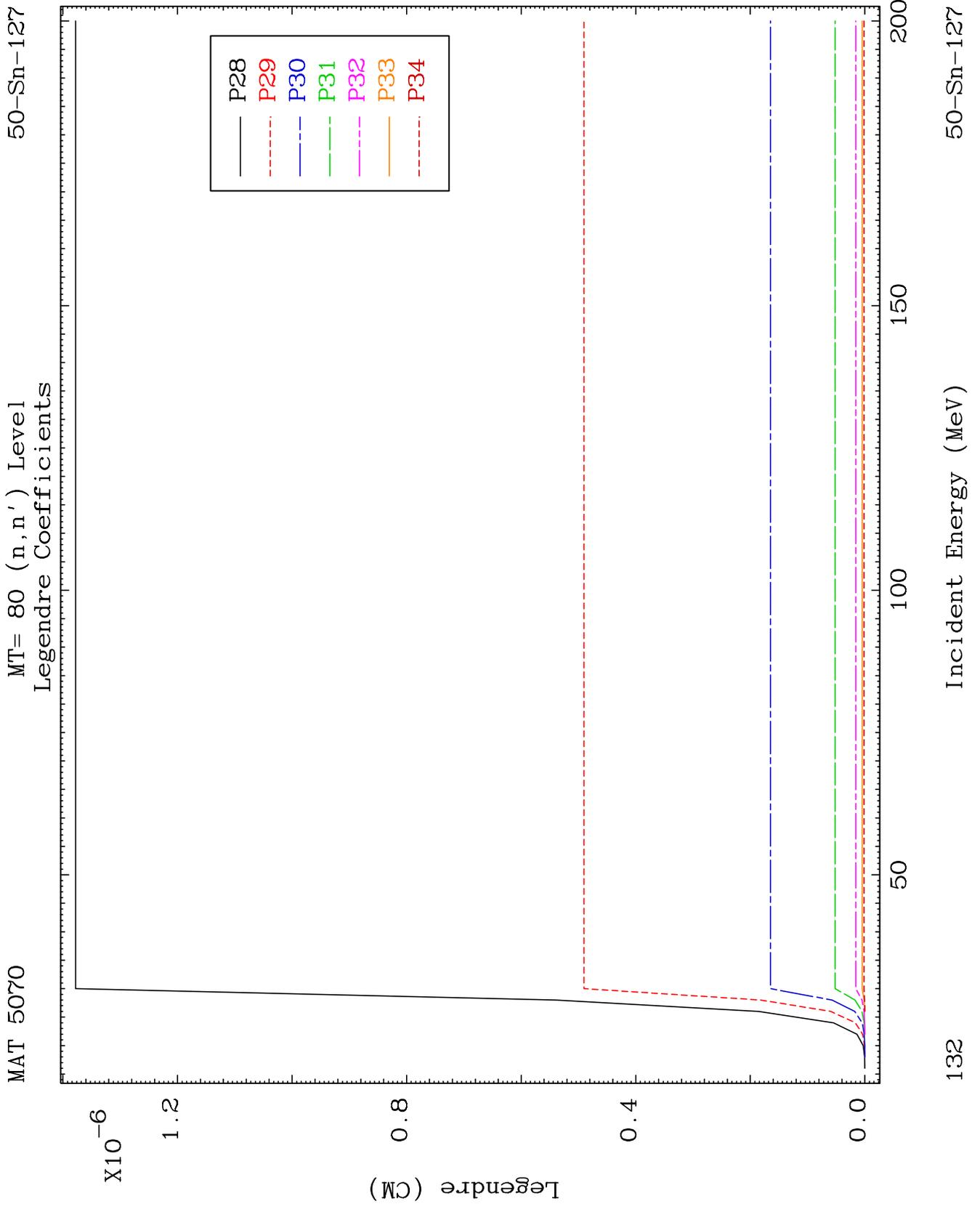
50-Sn-127







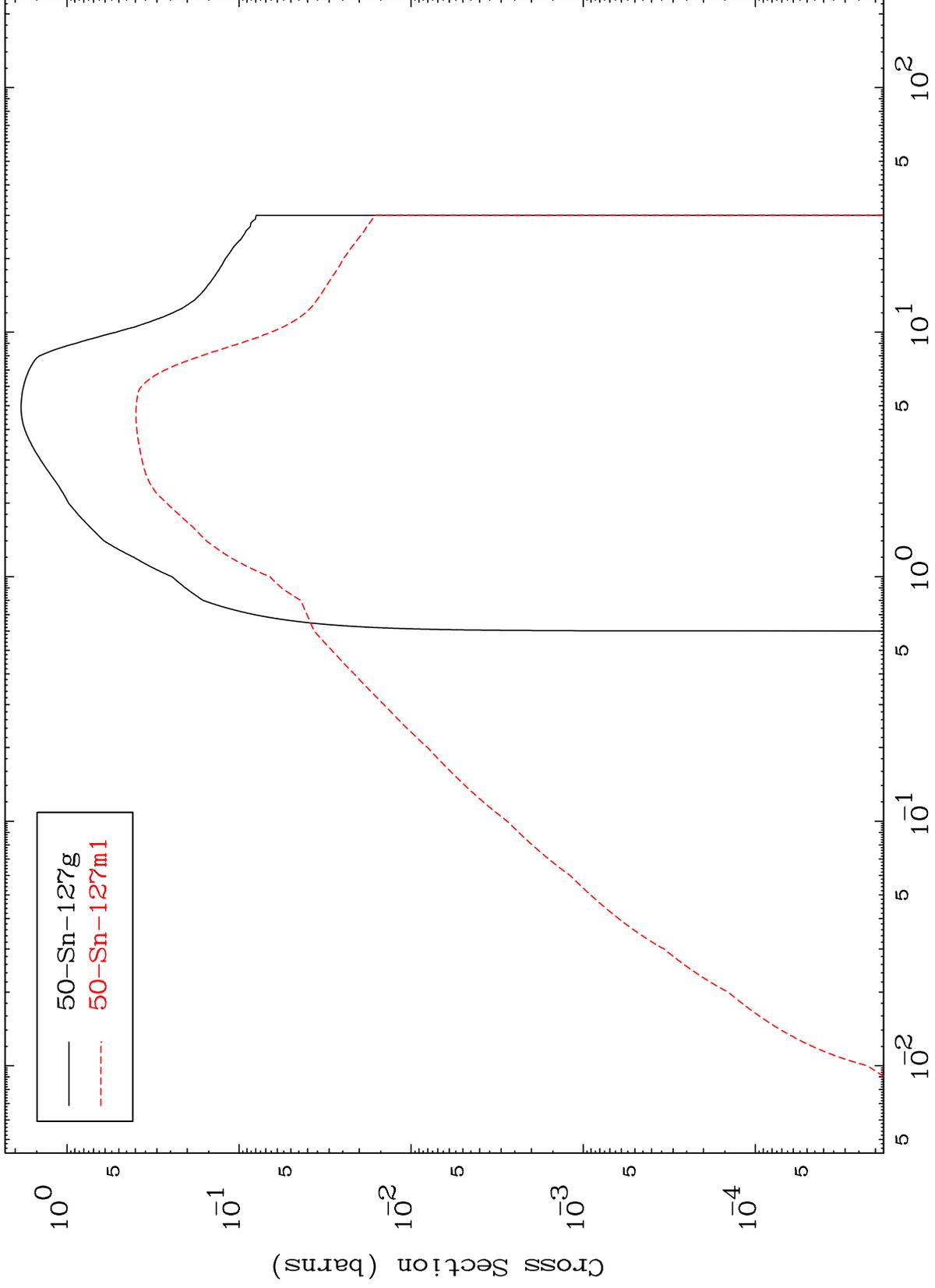




MAT 5070

Radionuclide Production Cross Section

50-Sn-127



50-Sn-127g
50-Sn-127m1

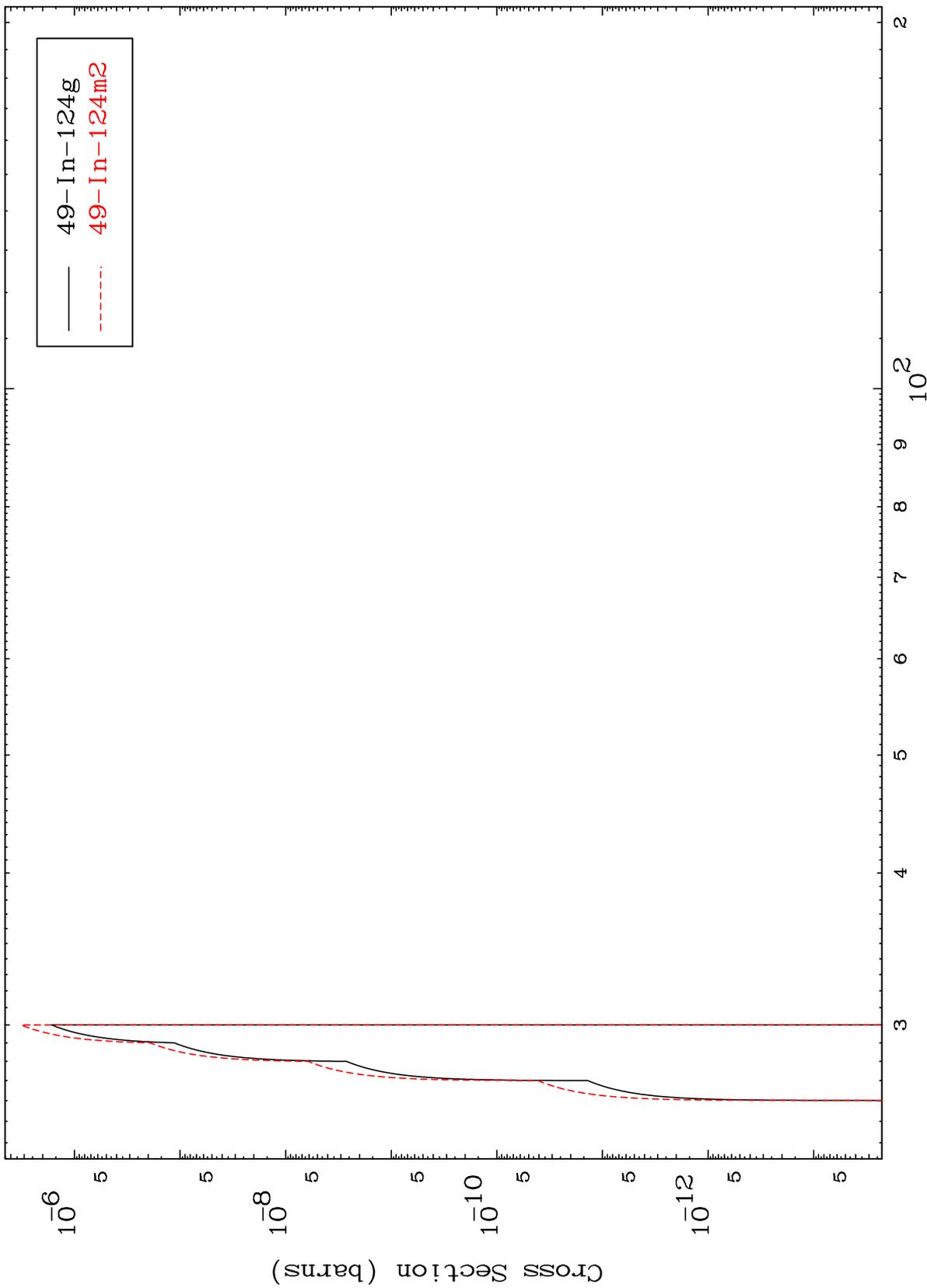
133

50-Sn-127

MAT 5070

50-Sn-127

(n,2n) d
Radionuclide Production Cross Section



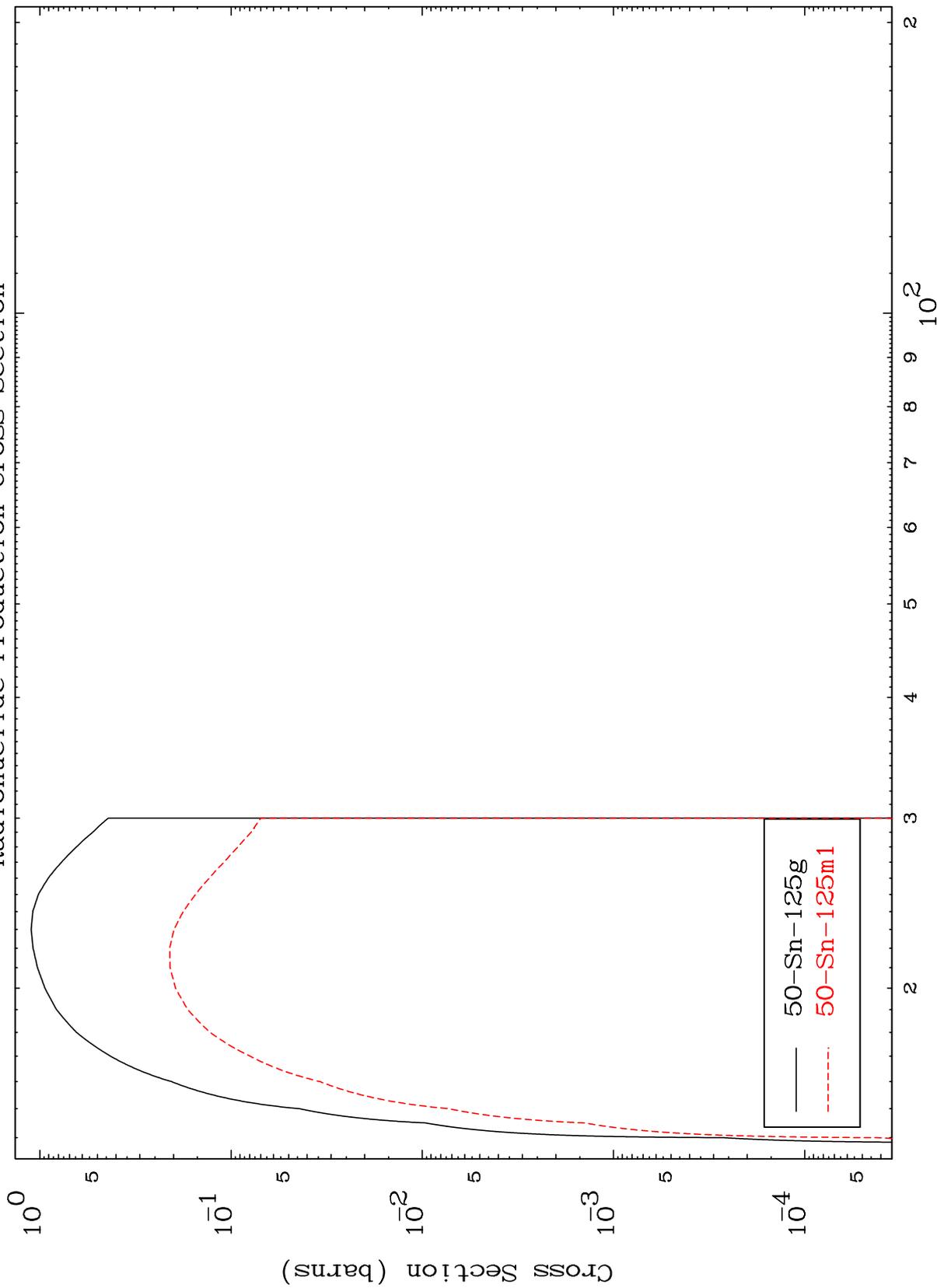
134

50-Sn-127

MAT 5070

50-Sn-127

Radionuclide Production Cross Section
(n,3n)



50-Sn-127

Incident Energy (MeV)

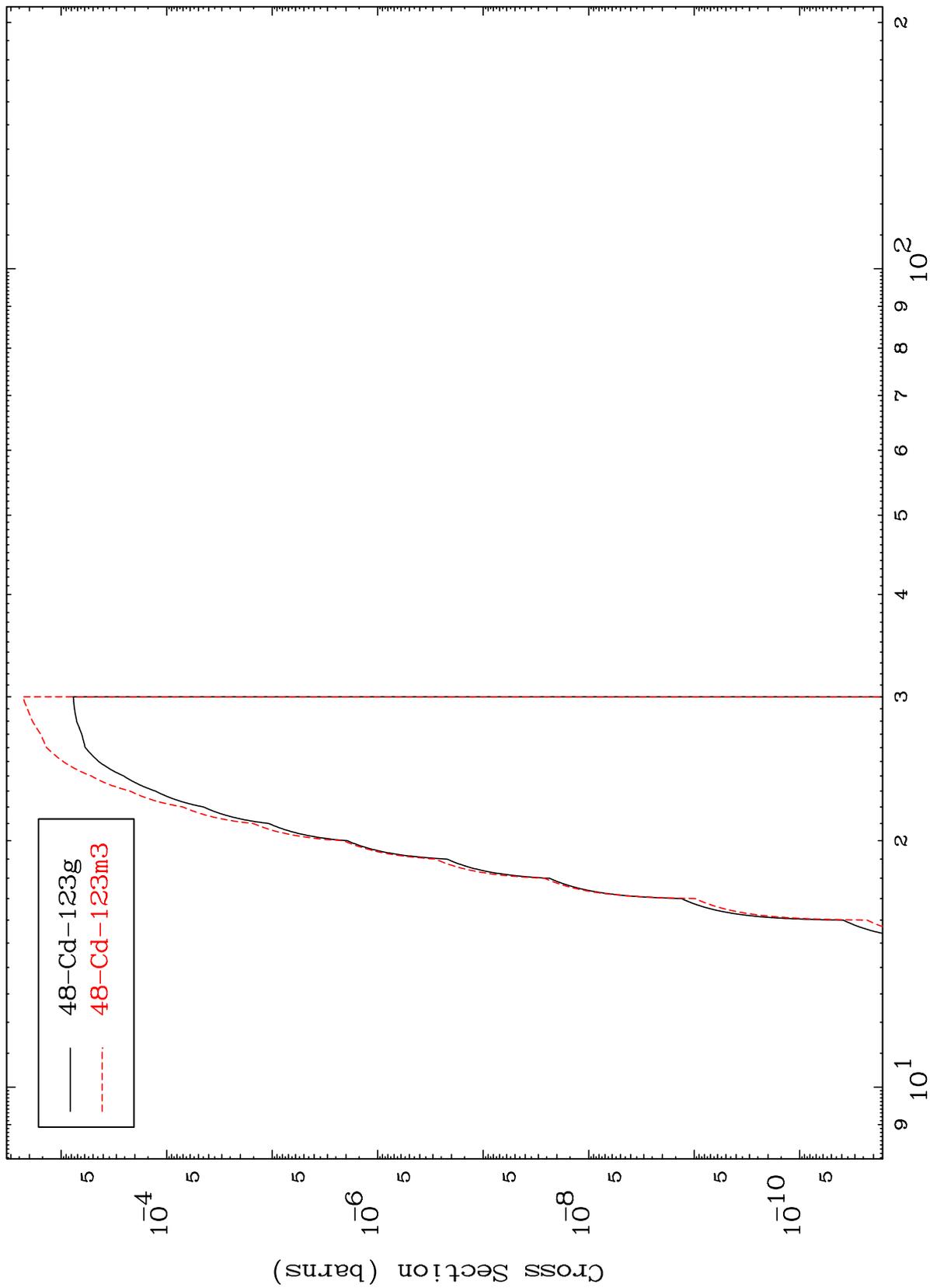
135

MAT 5070

(n,n') α

50-Sn-127

Radionuclide Production Cross Section

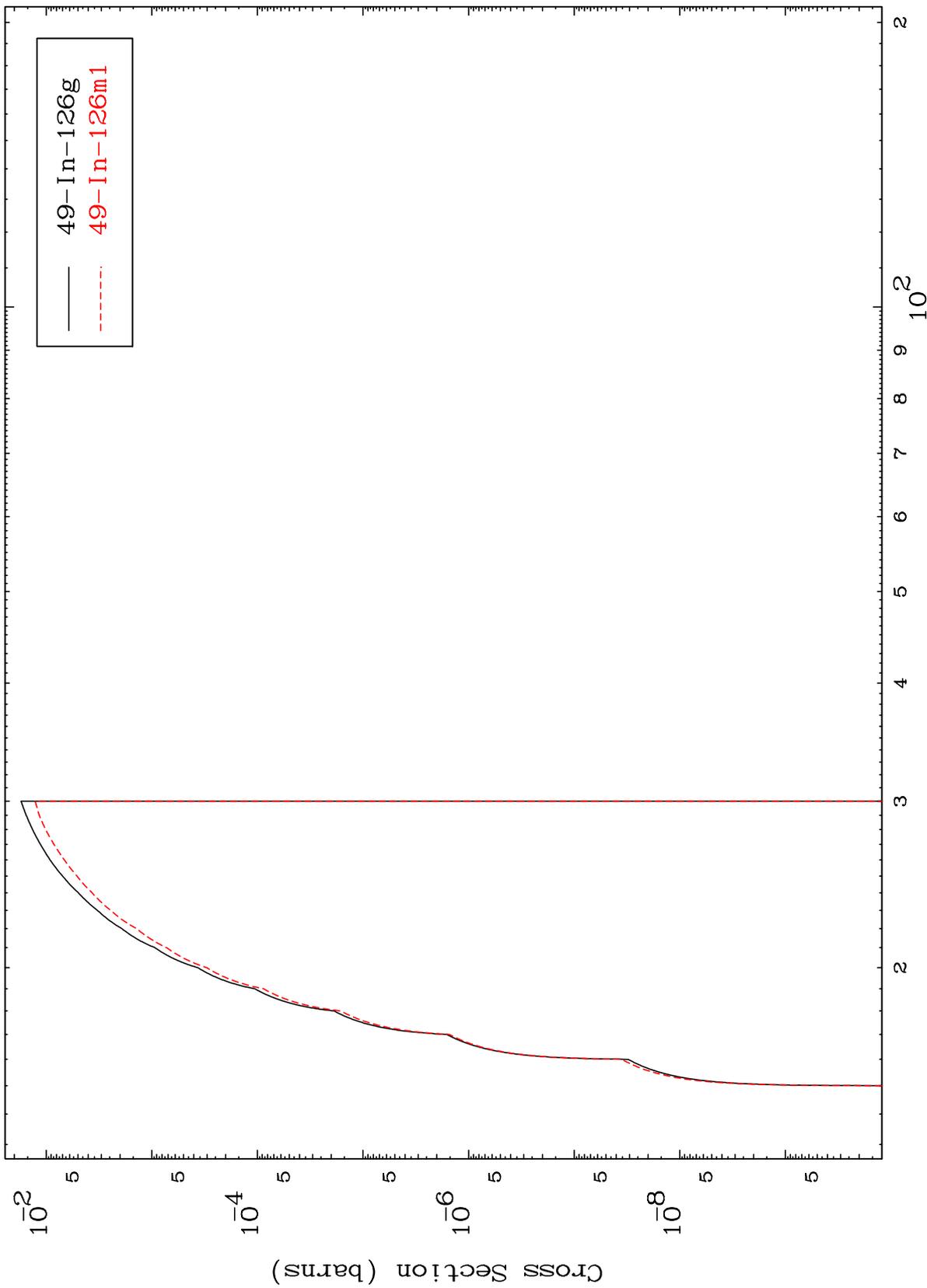


136

Incident Energy (MeV)

50-Sn-127

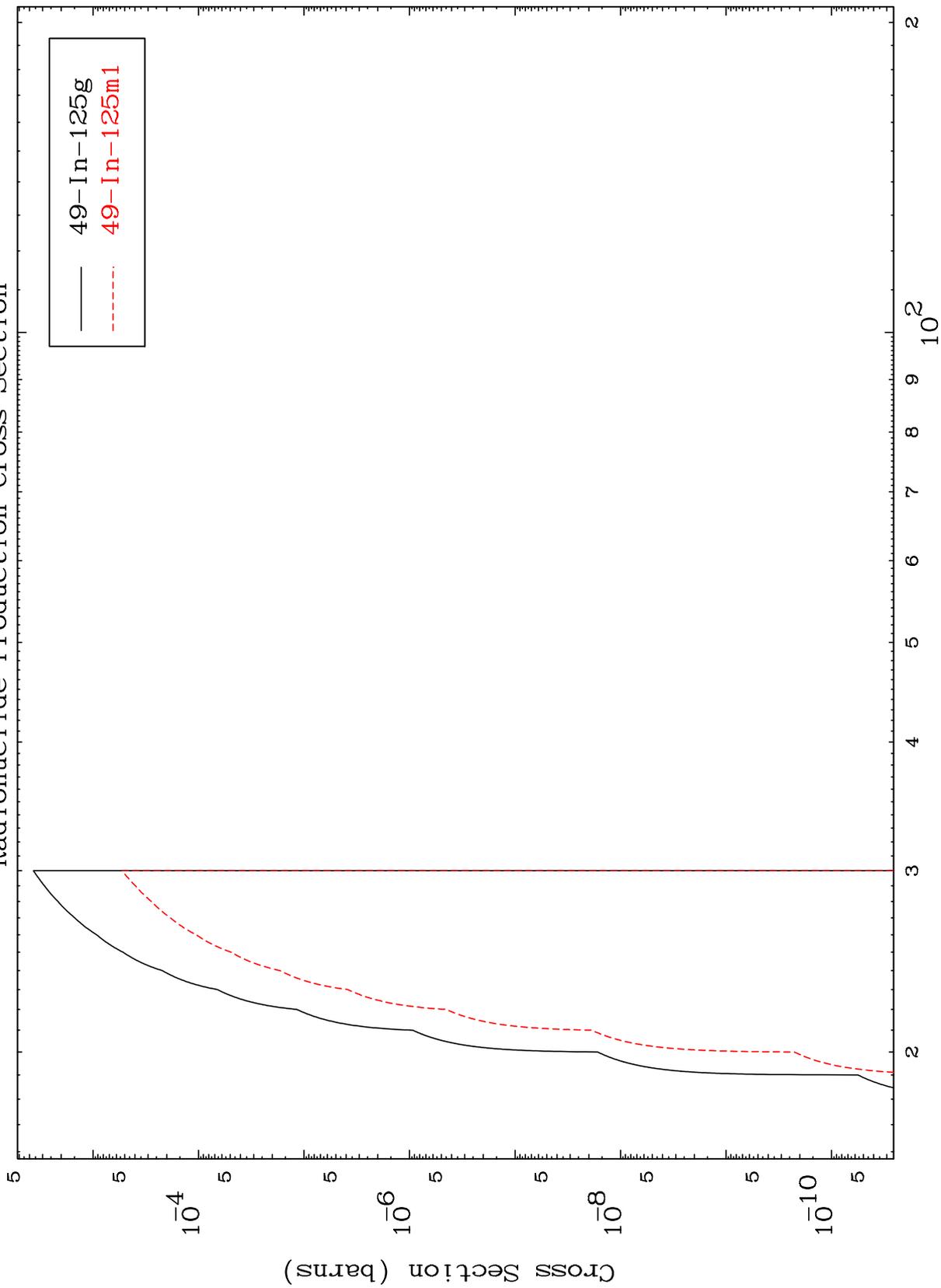
Radionuclide Production Cross Section



MAT 5070

50-Sn-127

(n, n') d
Radionuclide Production Cross Section



138

Incident Energy (MeV)

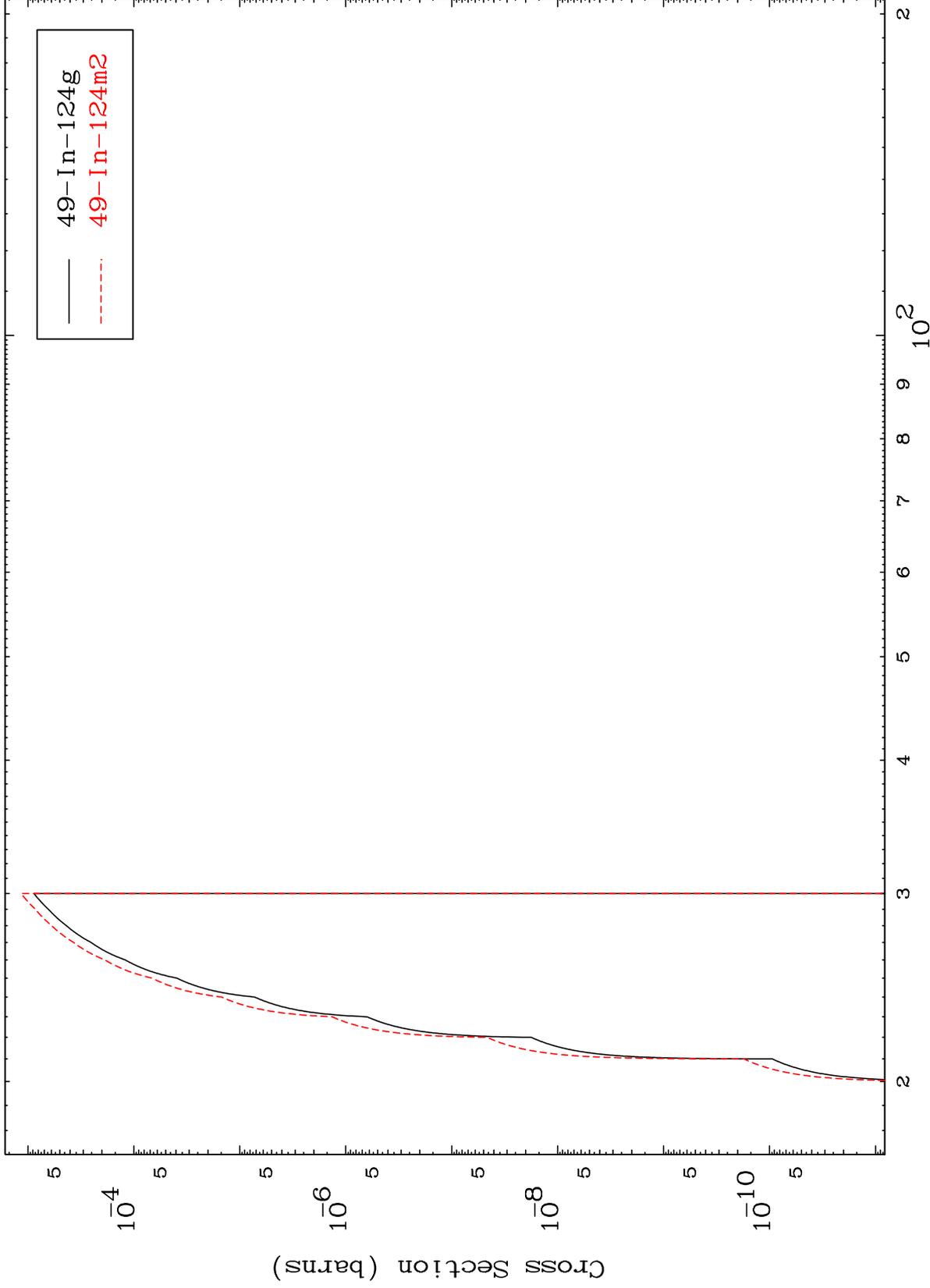
50-Sn-127

MAT 5070

(n,n') t

50-Sn-127

Radionuclide Production Cross Section



139

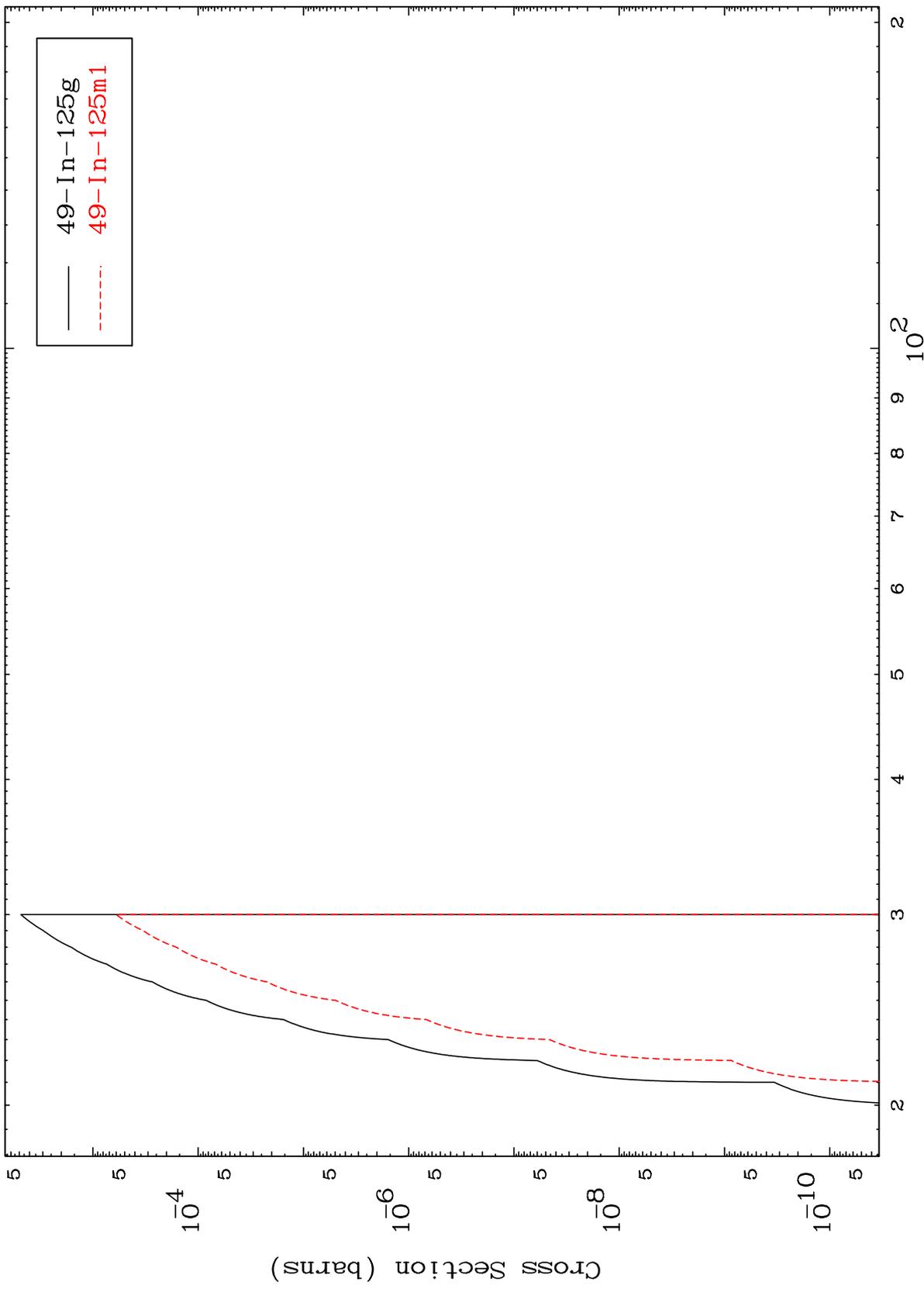
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

$(n,2n)$ p
Radionuclide Production Cross Section



50-Sn-127

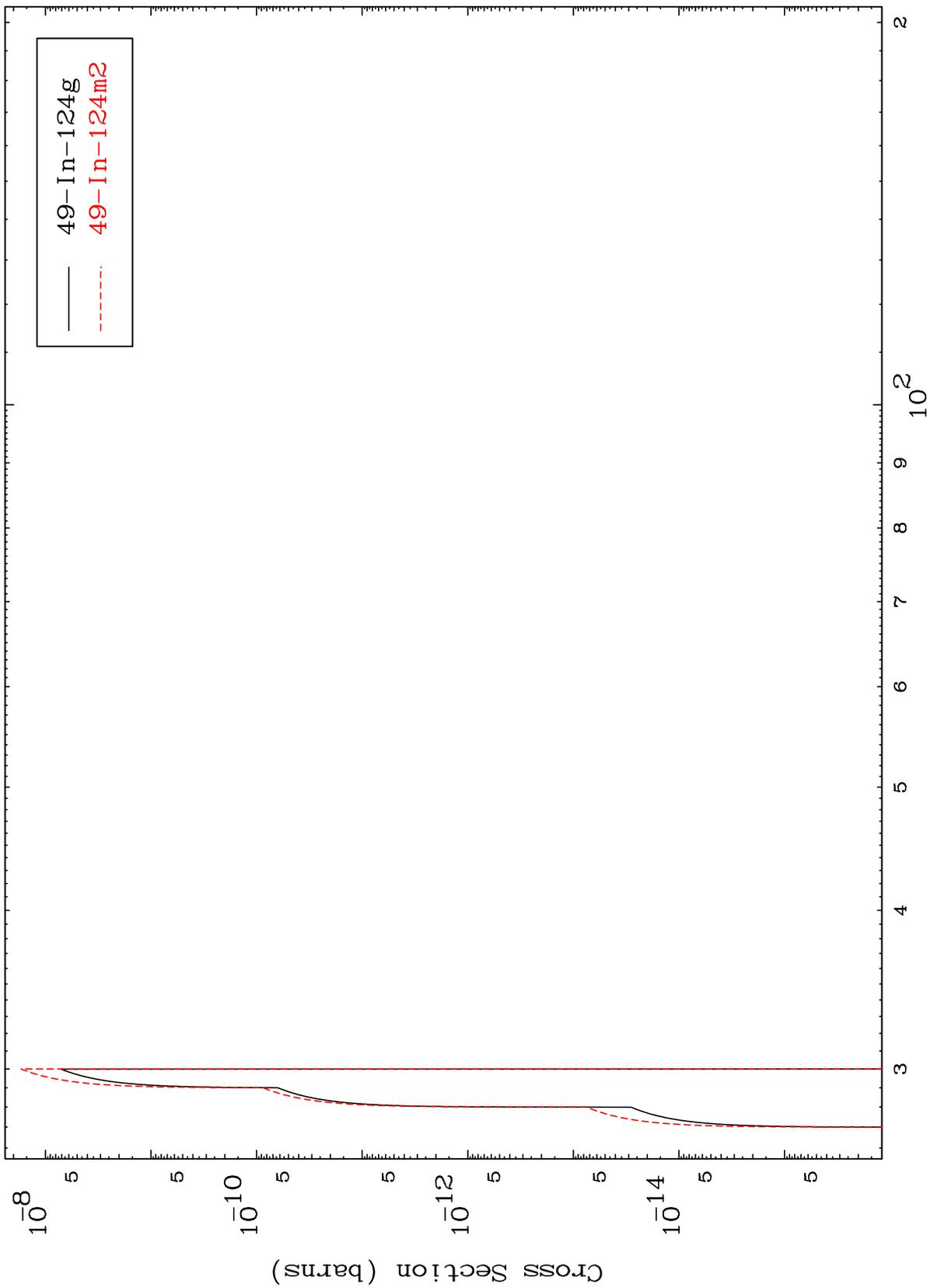
Incident Energy (MeV)

140

MAT 5070

50-Sn-127

(n,3n) p
Radionuclide Production Cross Section



141

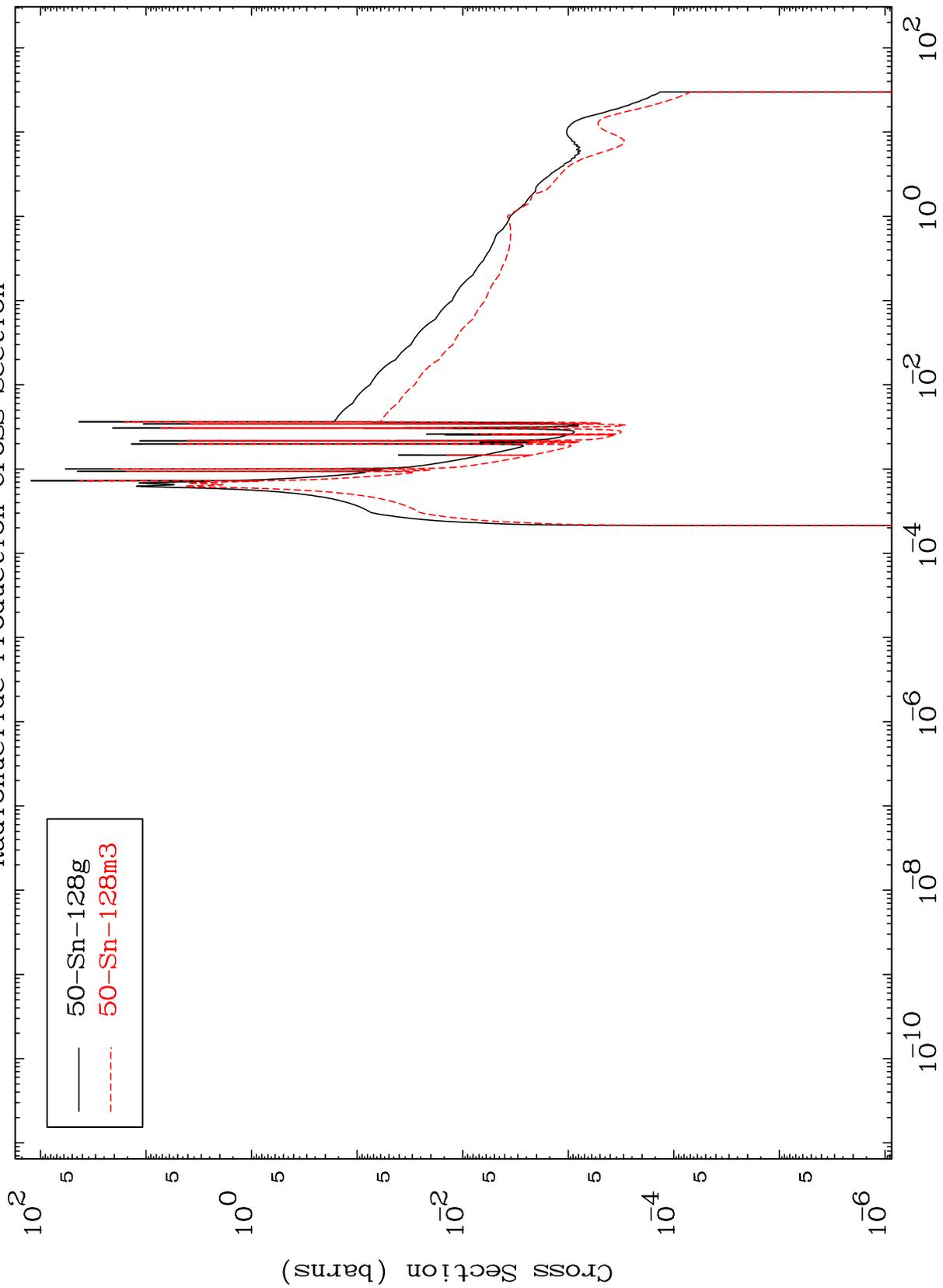
50-Sn-127

Incident Energy (MeV)

MAT 5070

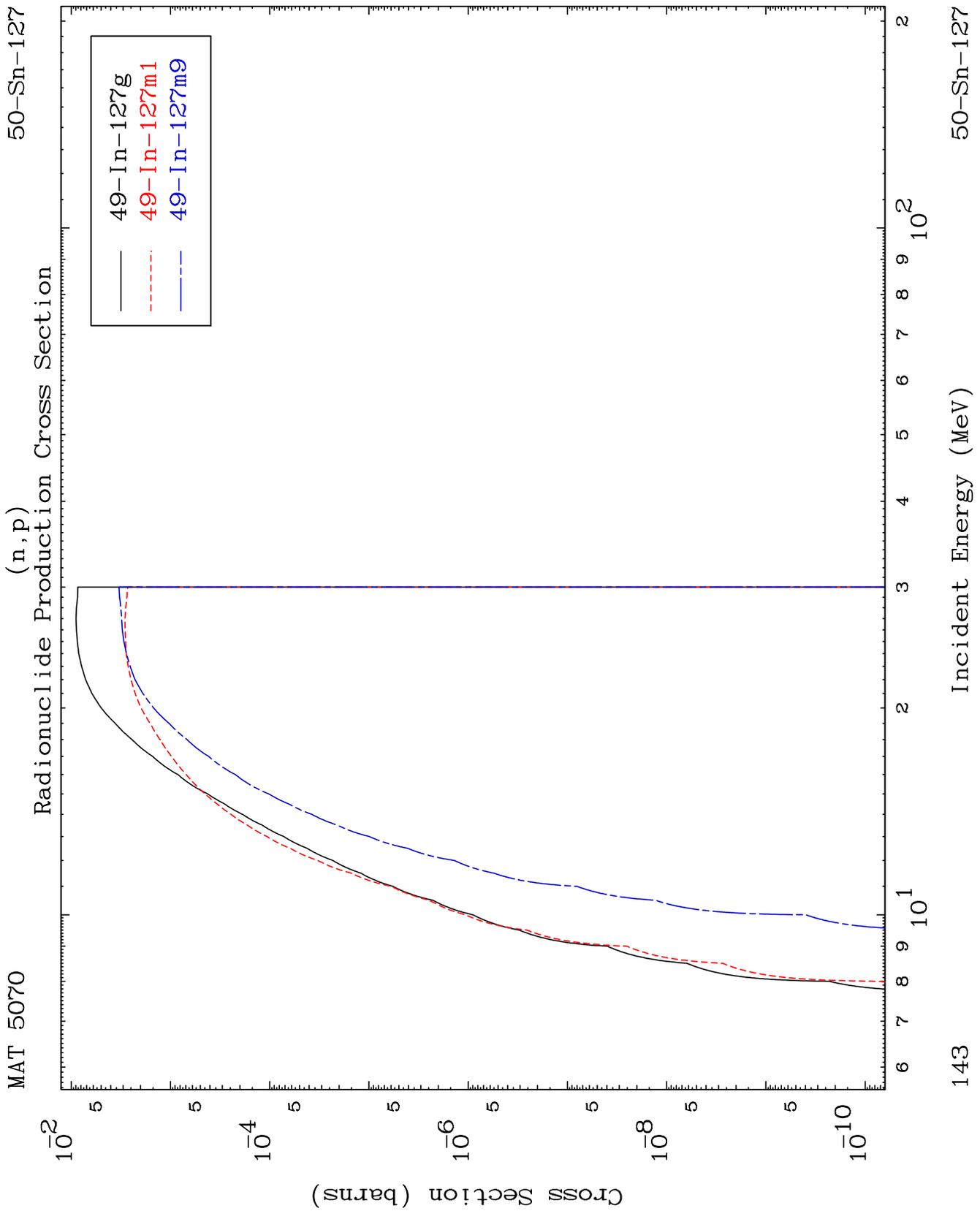
50-Sn-127

Radionuclide Production Cross Section



142

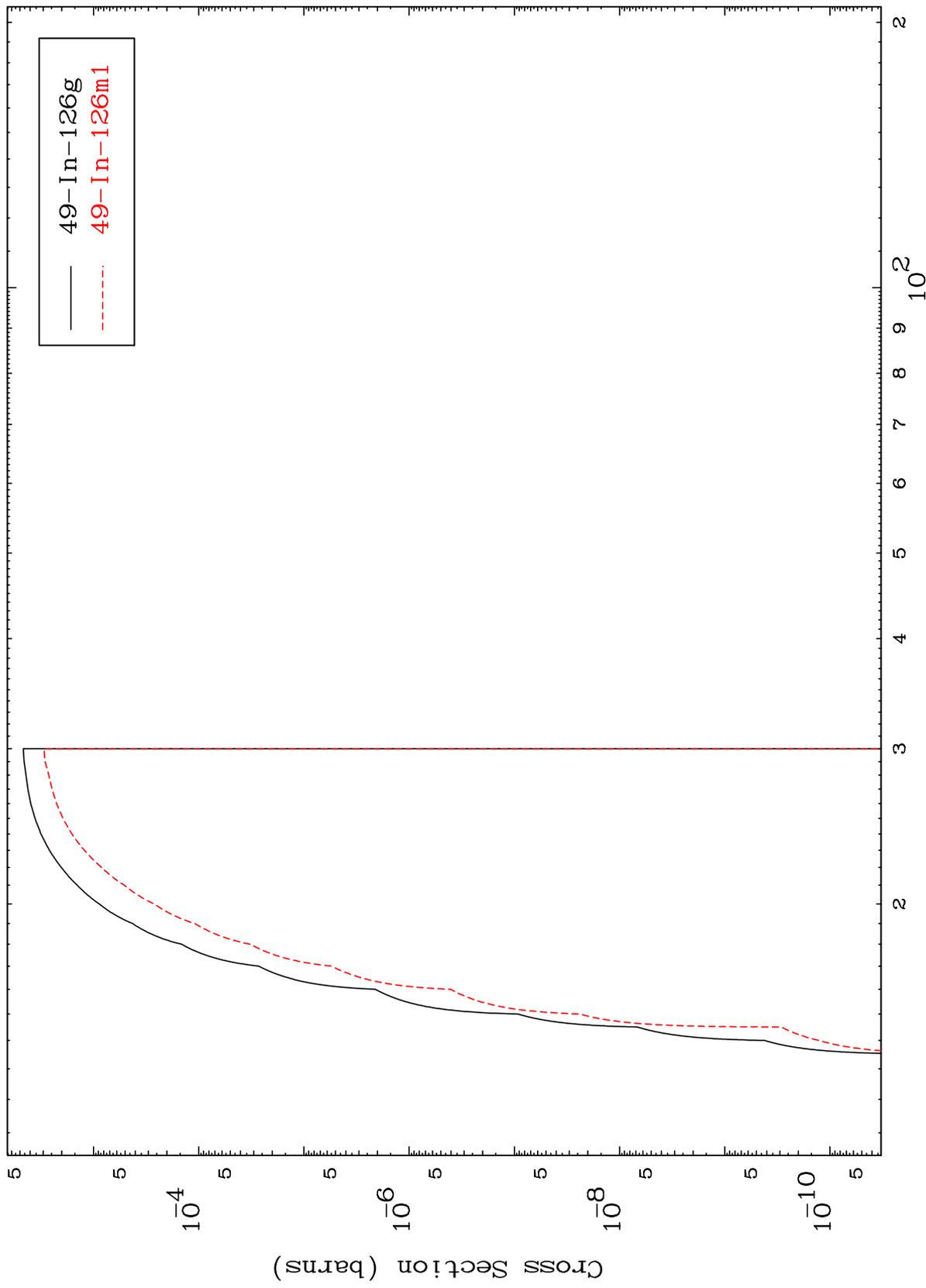
50-Sn-127



MAT 5070

50-Sn-127

(n,d)
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

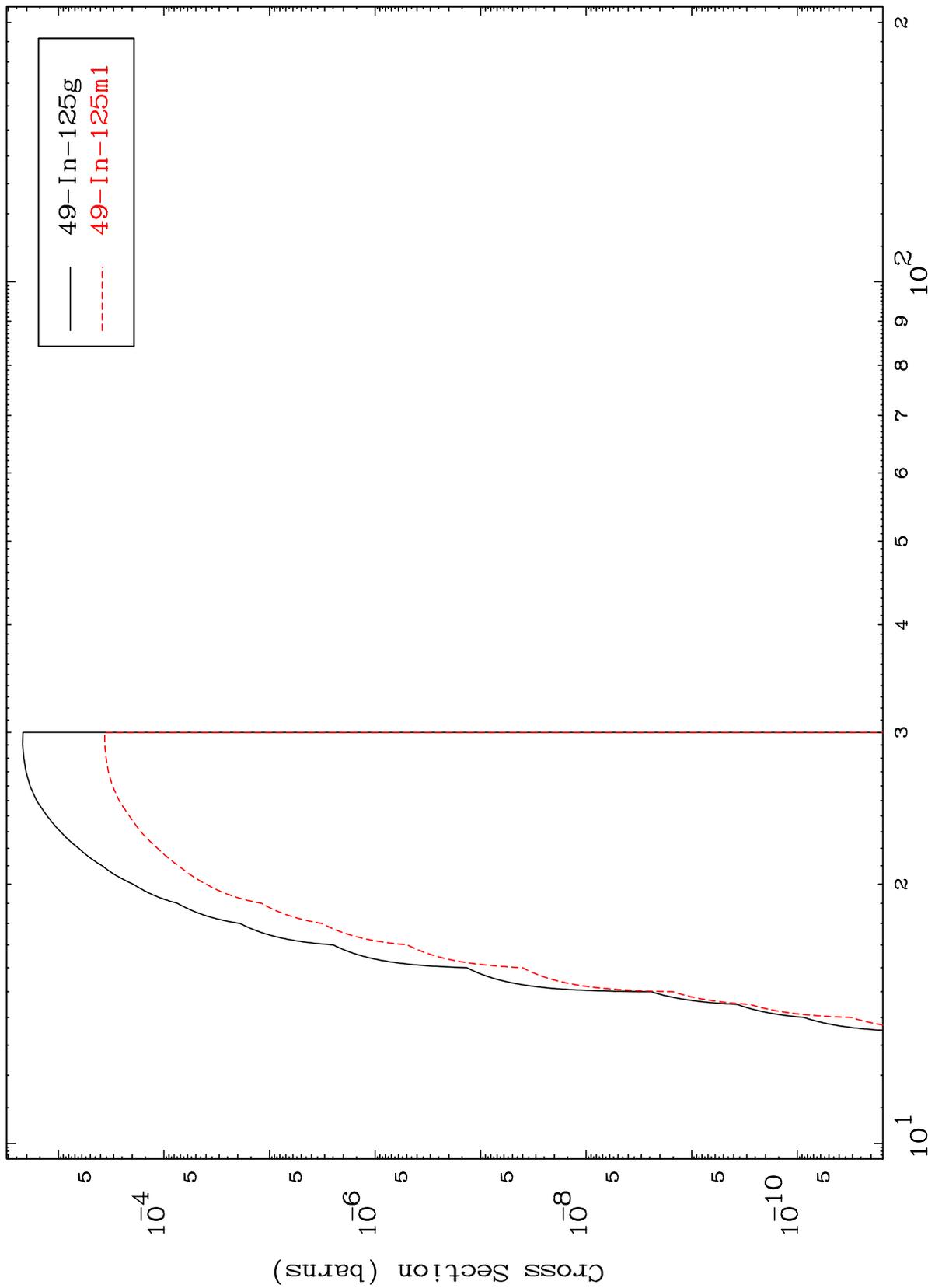
144

MAT 5070

(n, t)

50-Sn-127

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-127