

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

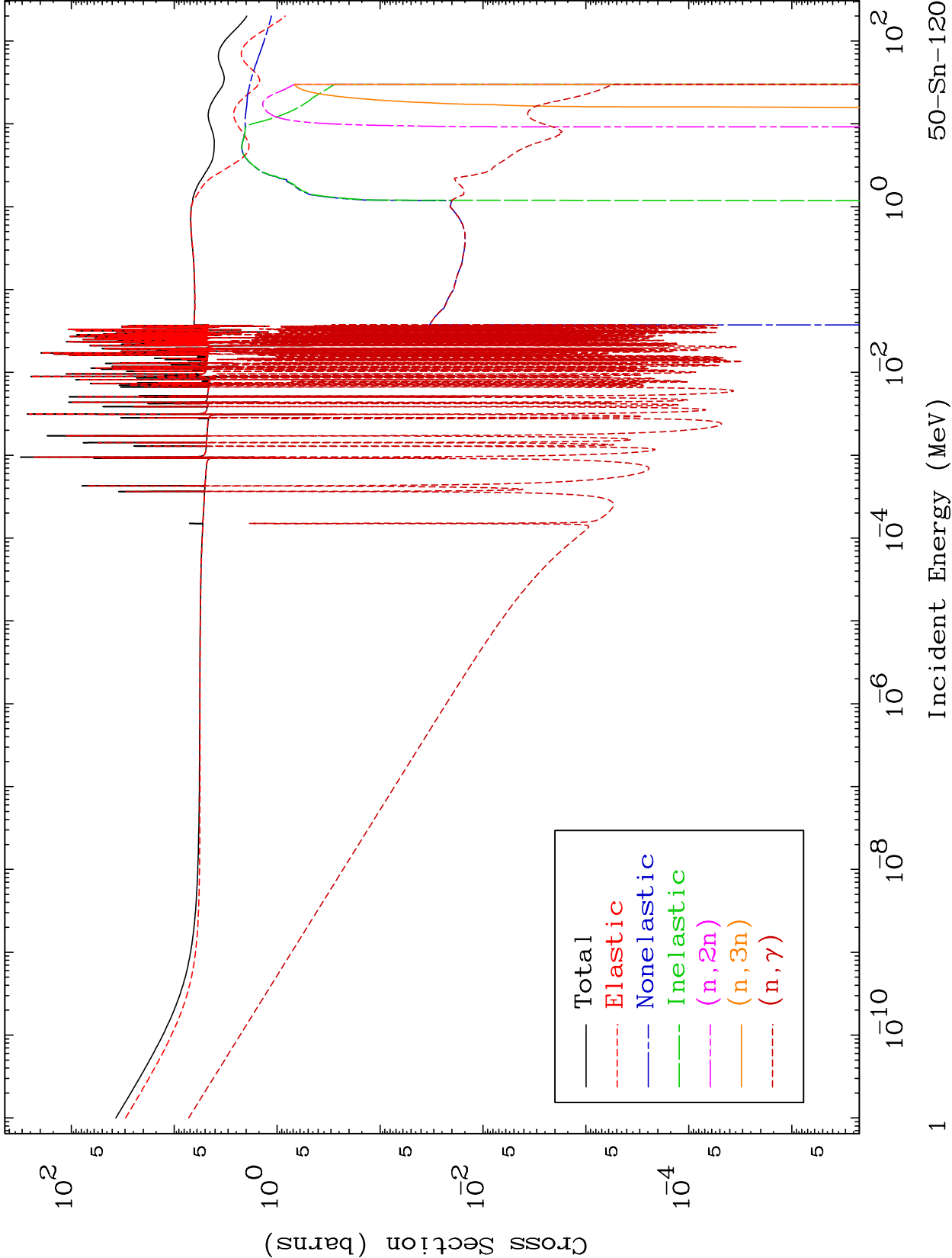
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

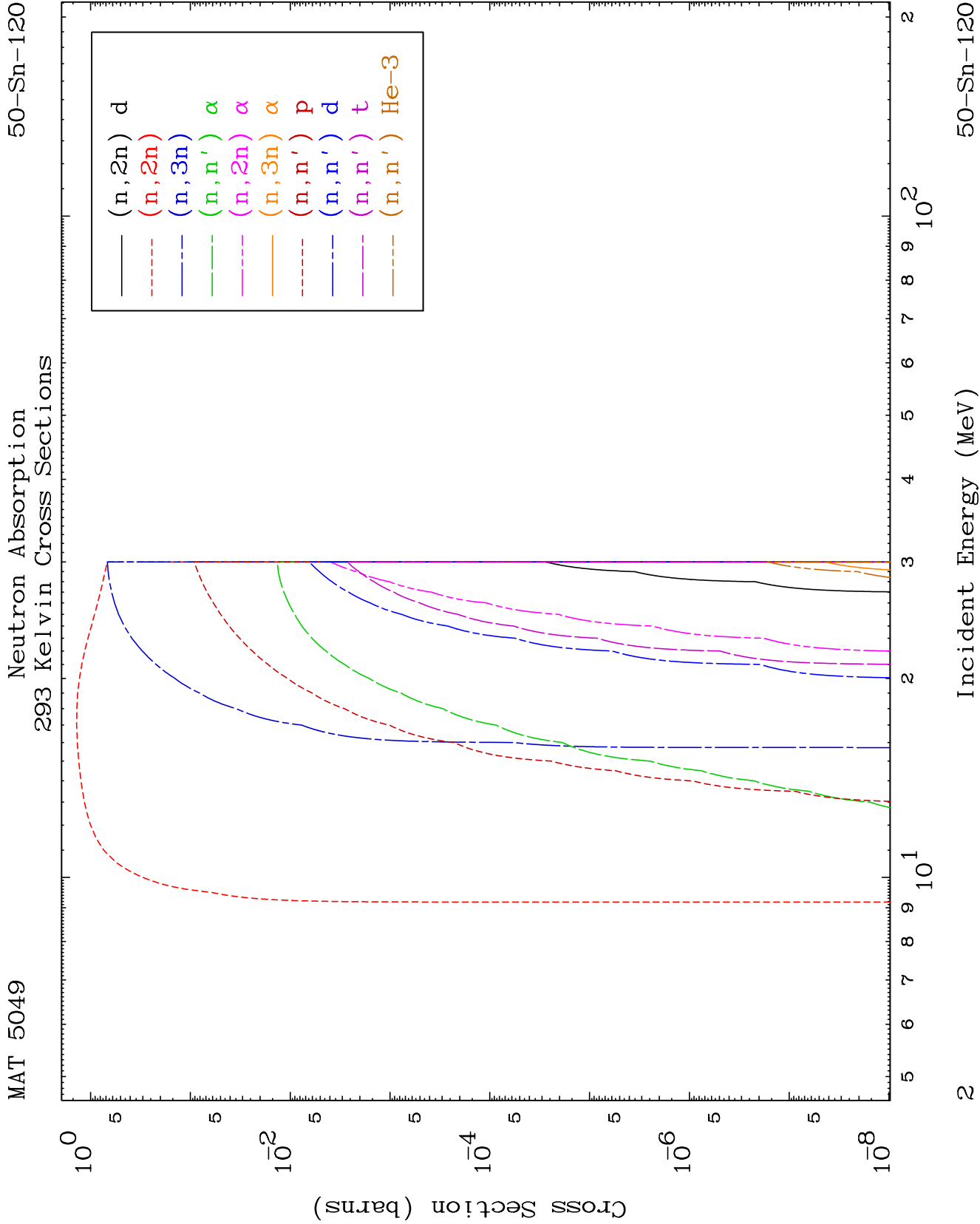
Press Mouse Button to Start

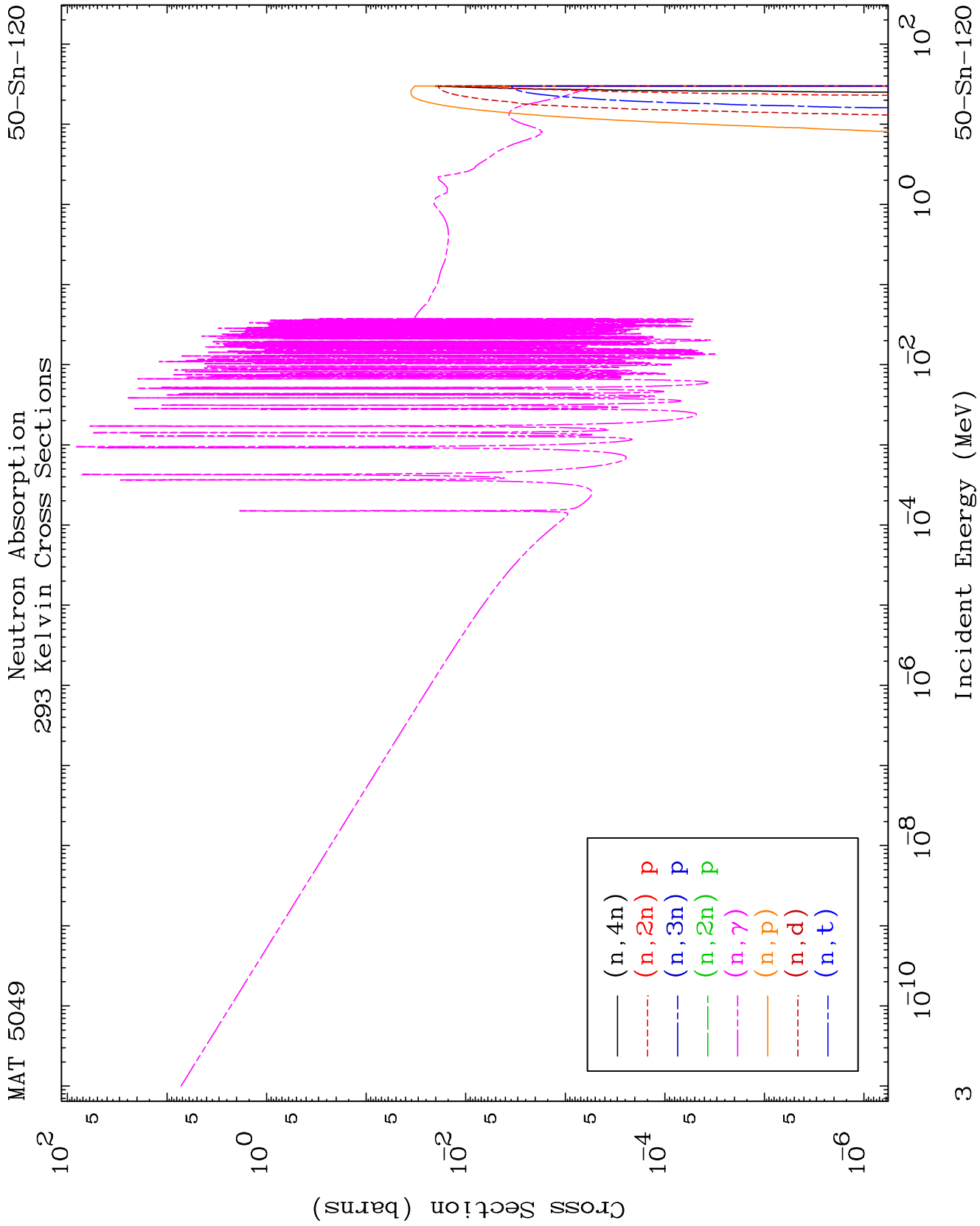
MAT 5049

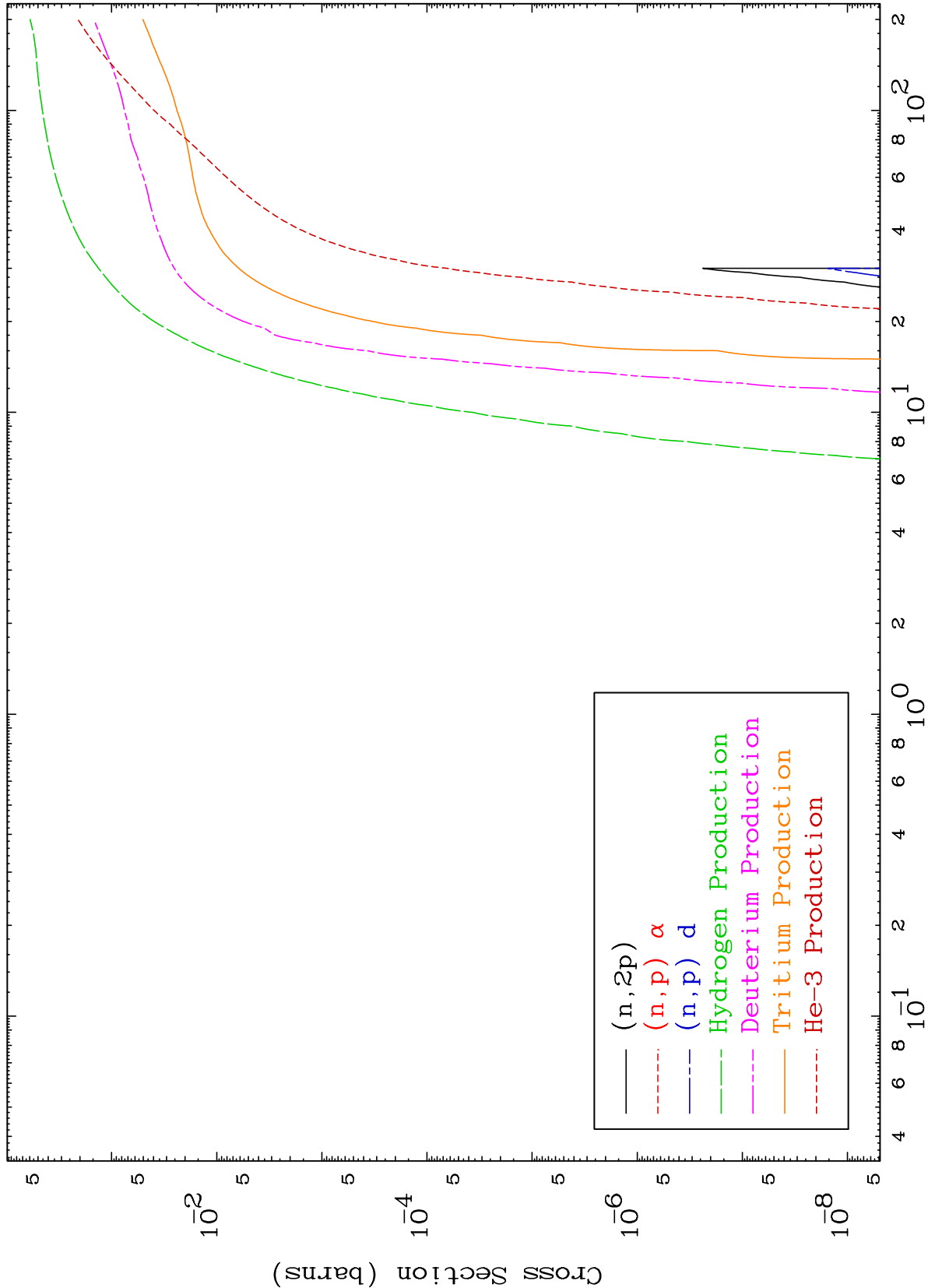
Neutron Major
293 Kelvin Cross Sections

50-Sn-120





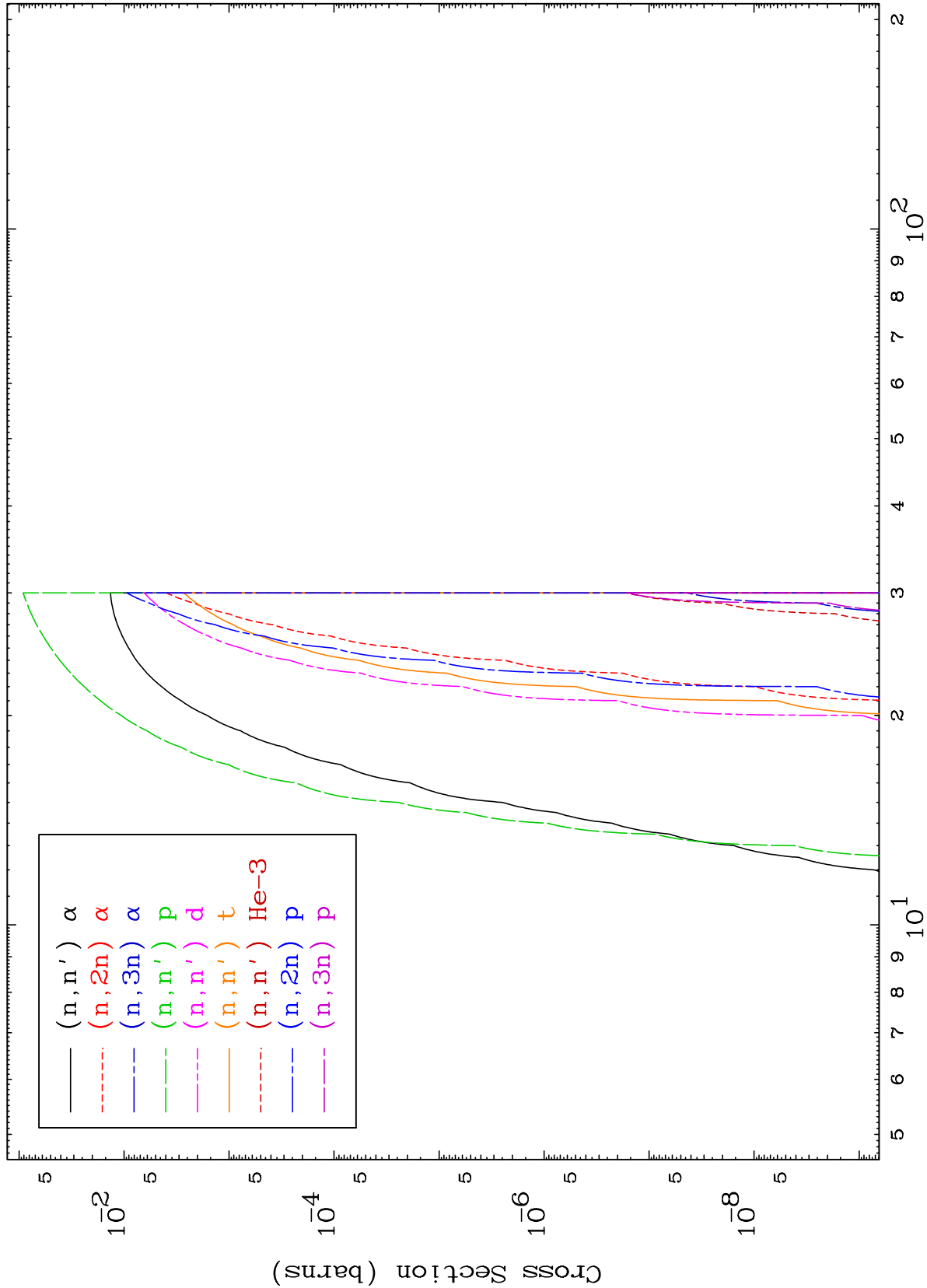




MAT 5049

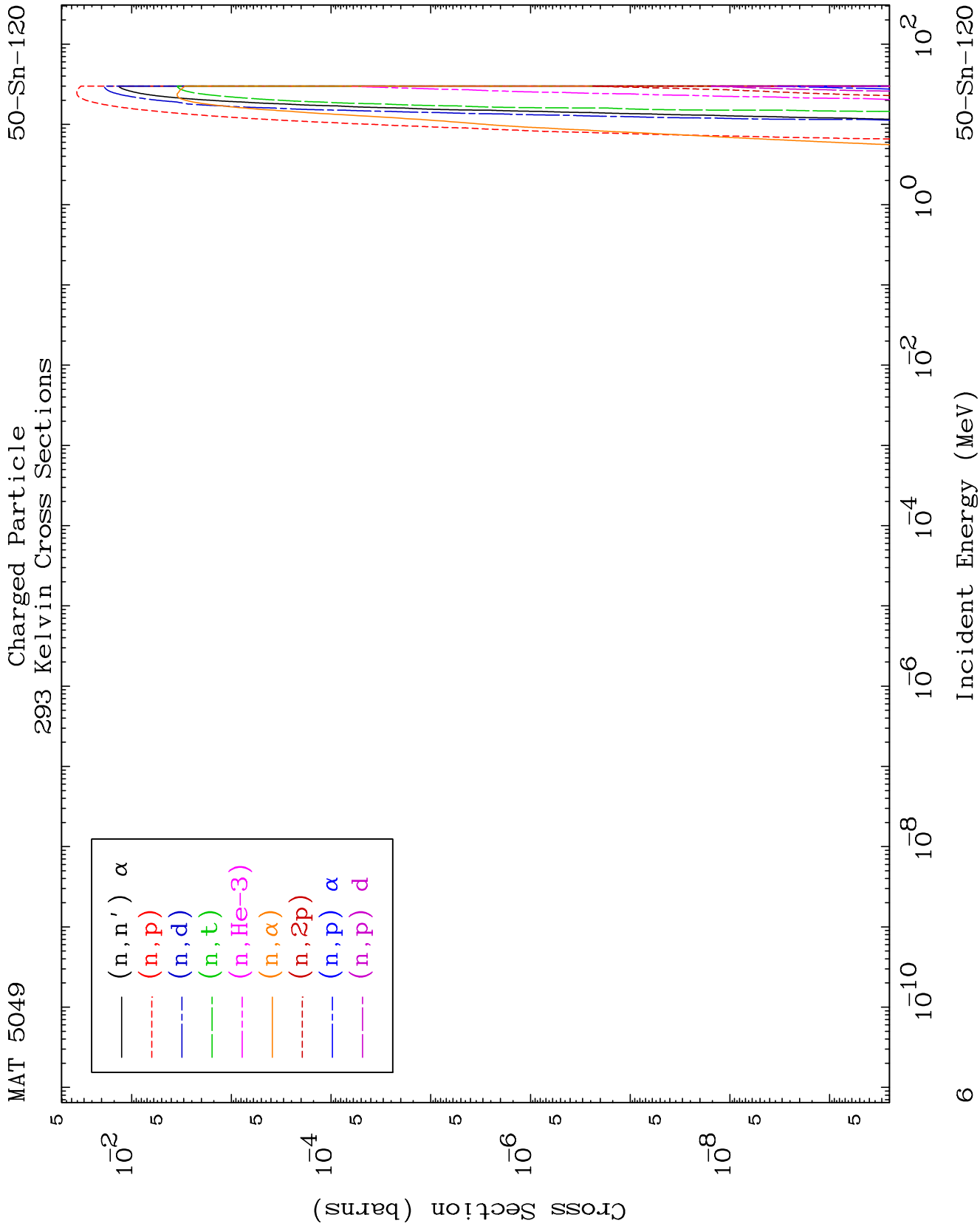
Charged Particle
293 Kelvin Cross Sections

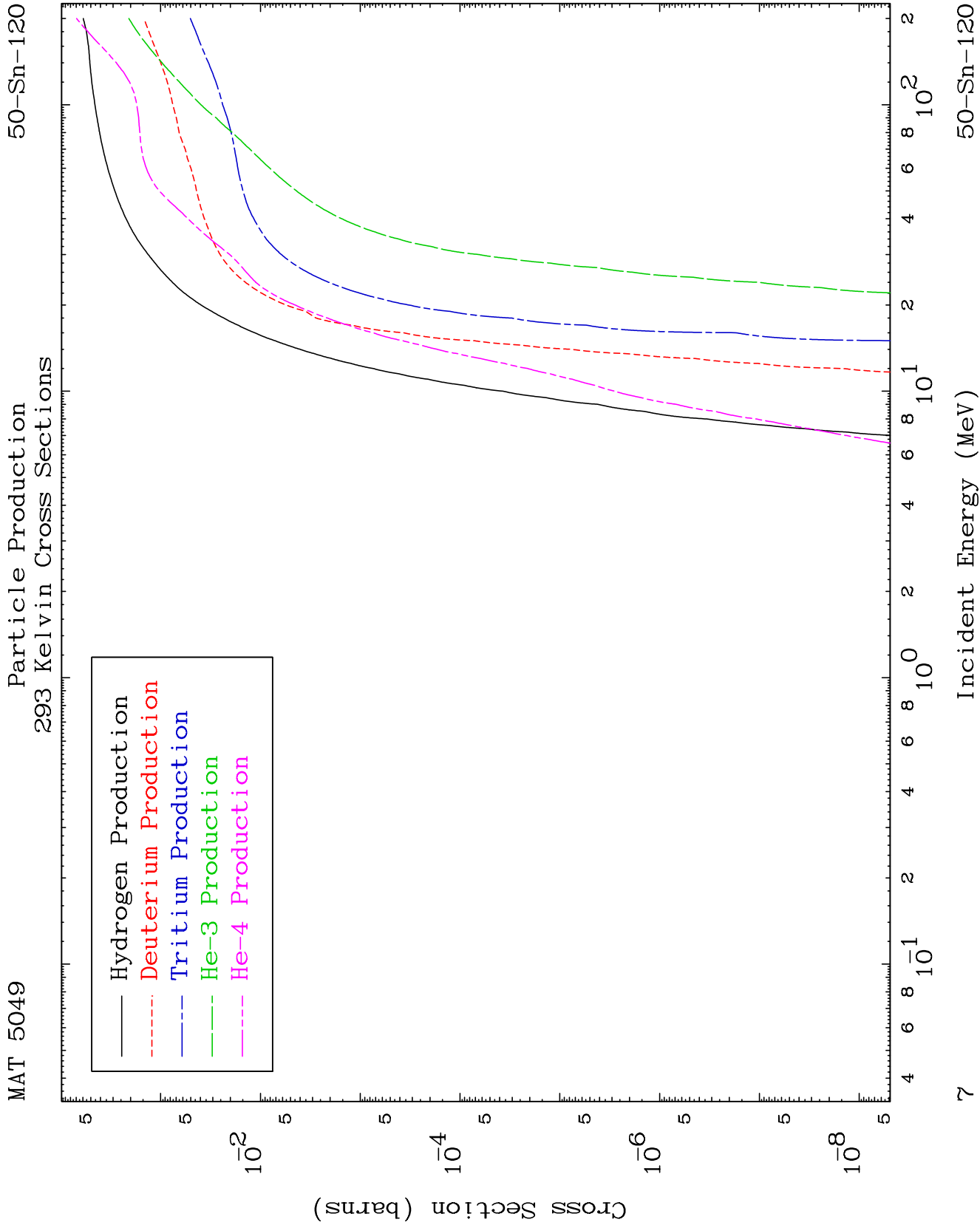
50-Sn-120



Incident Energy (MeV)

50-Sn-120



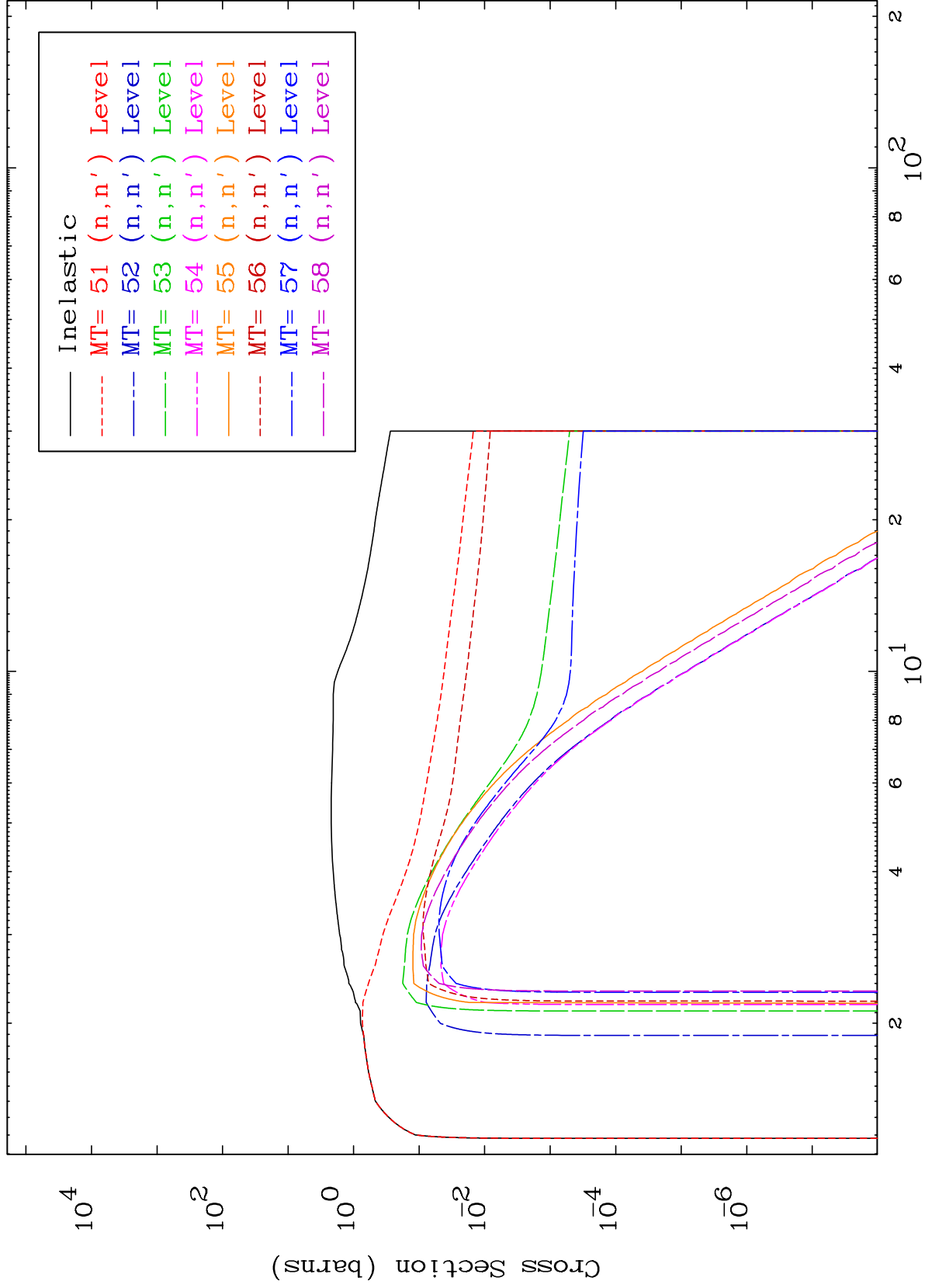


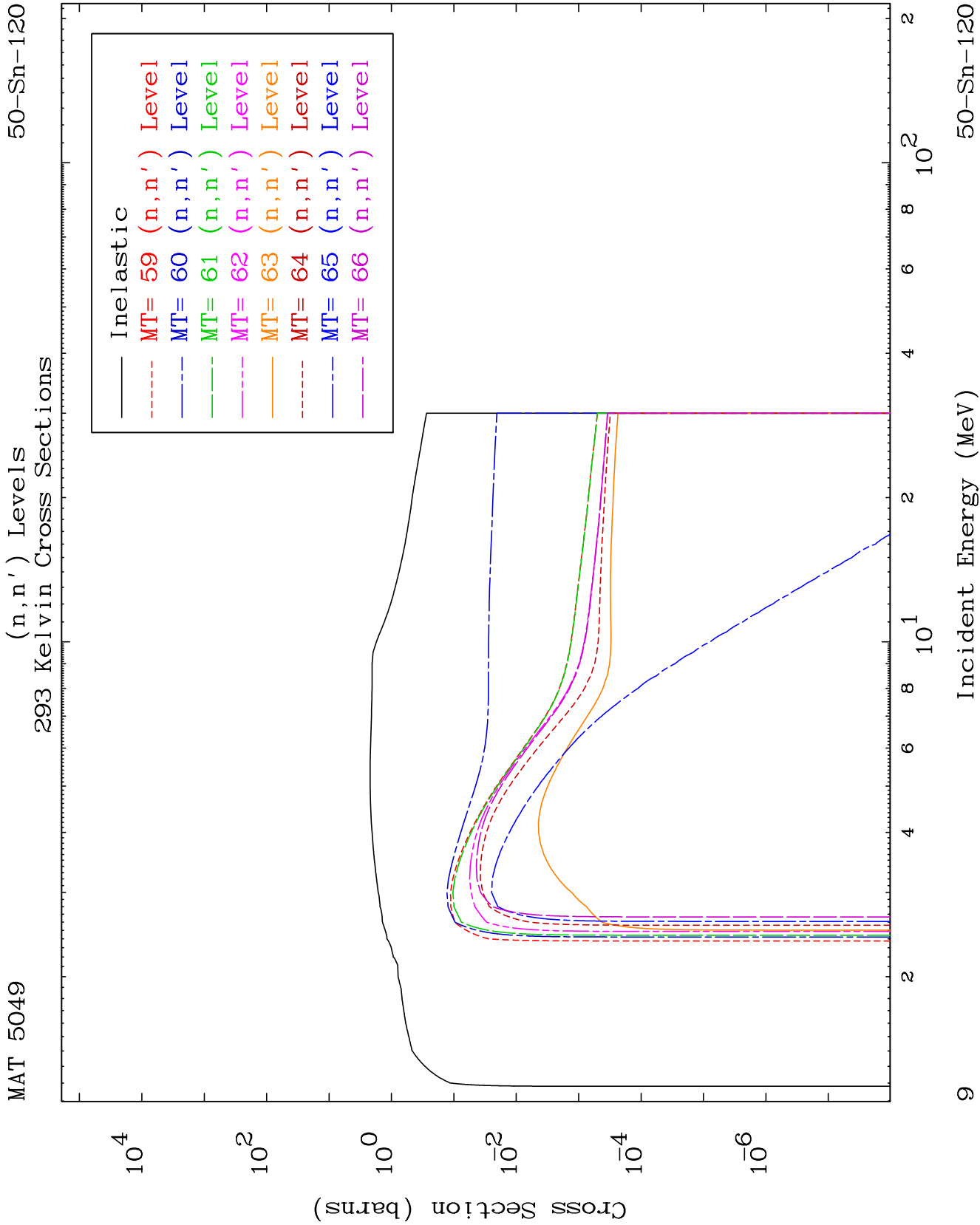
MAT 5049

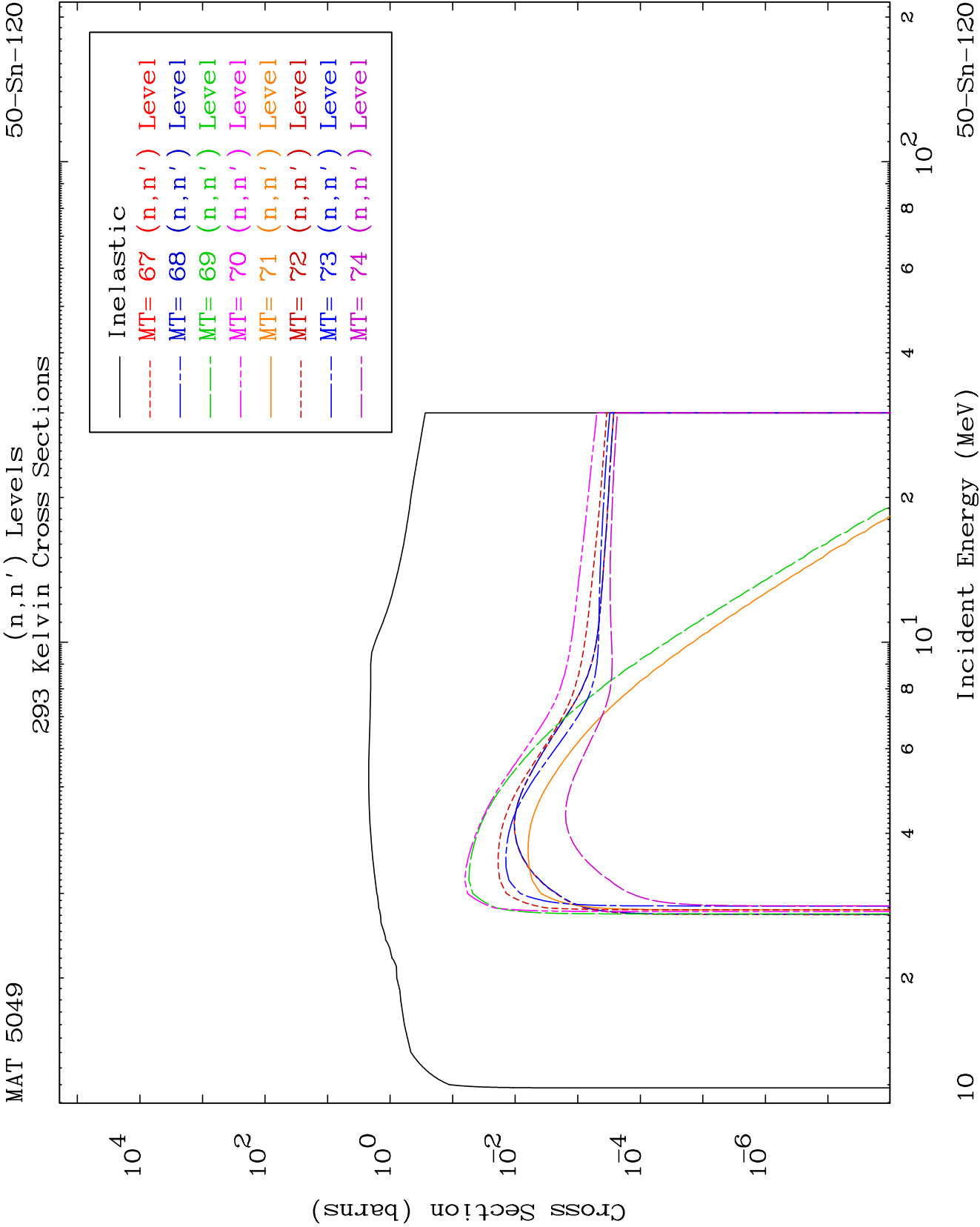
(n,n') Levels

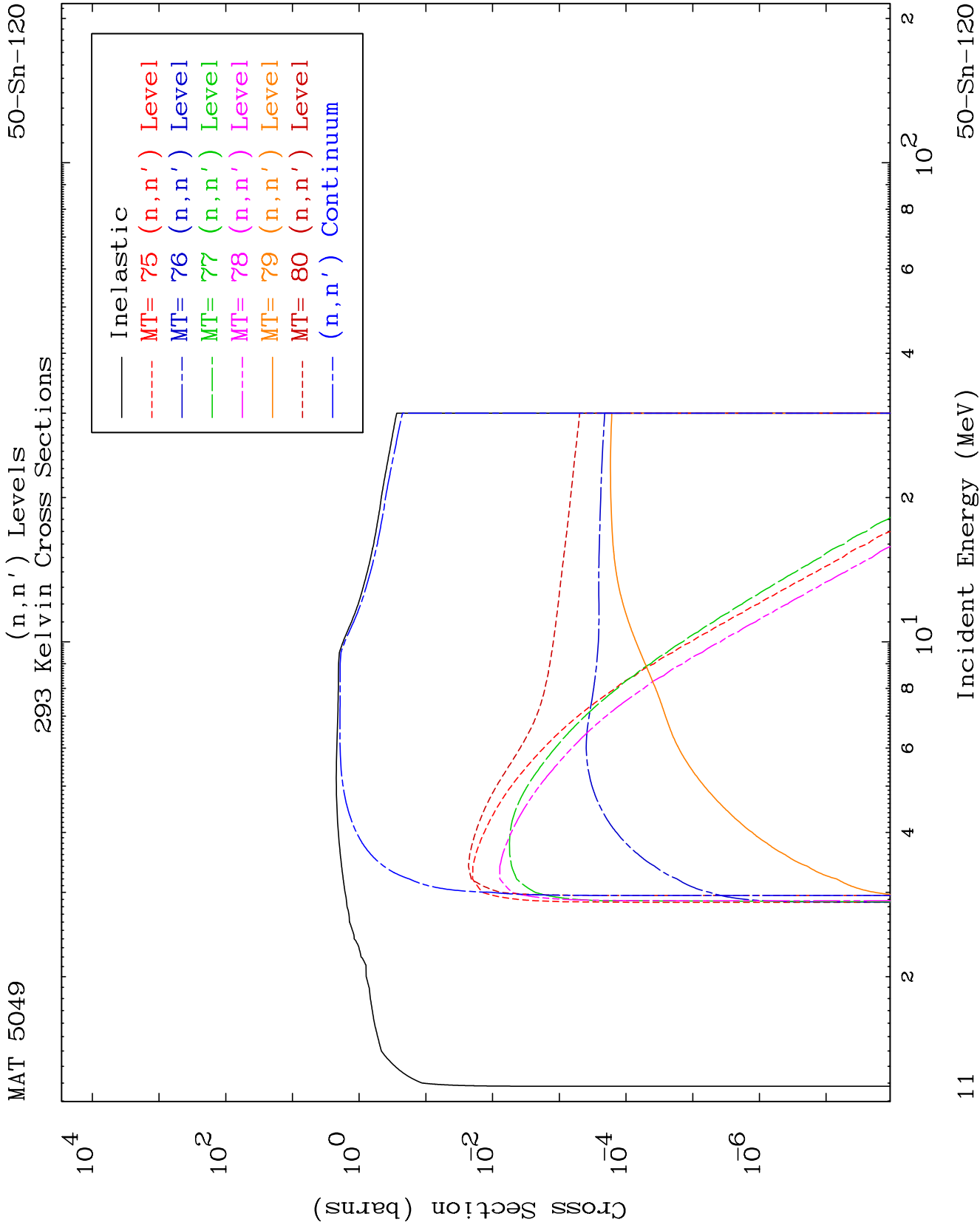
50-Sn-120

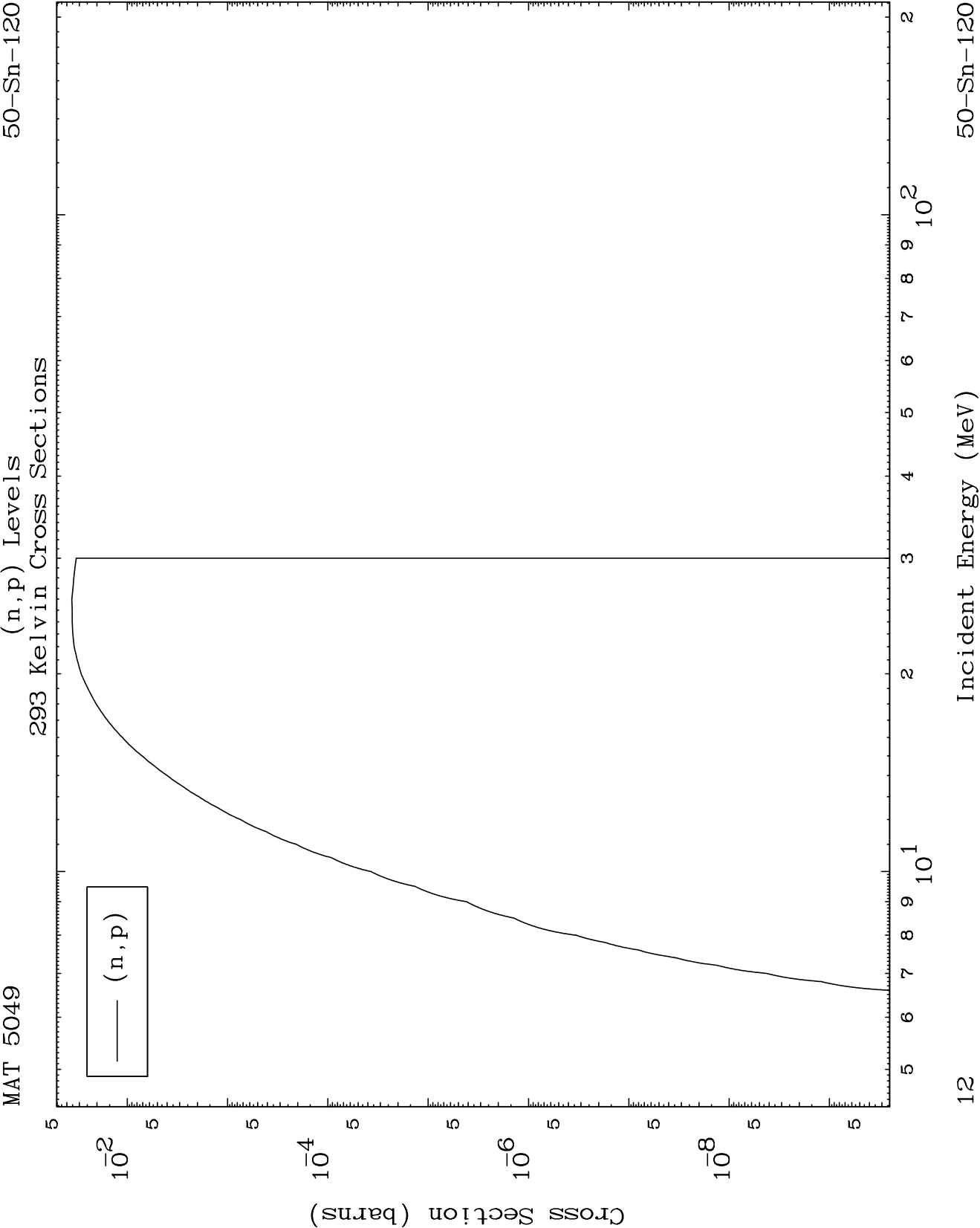
293 Kelvin Cross Sections







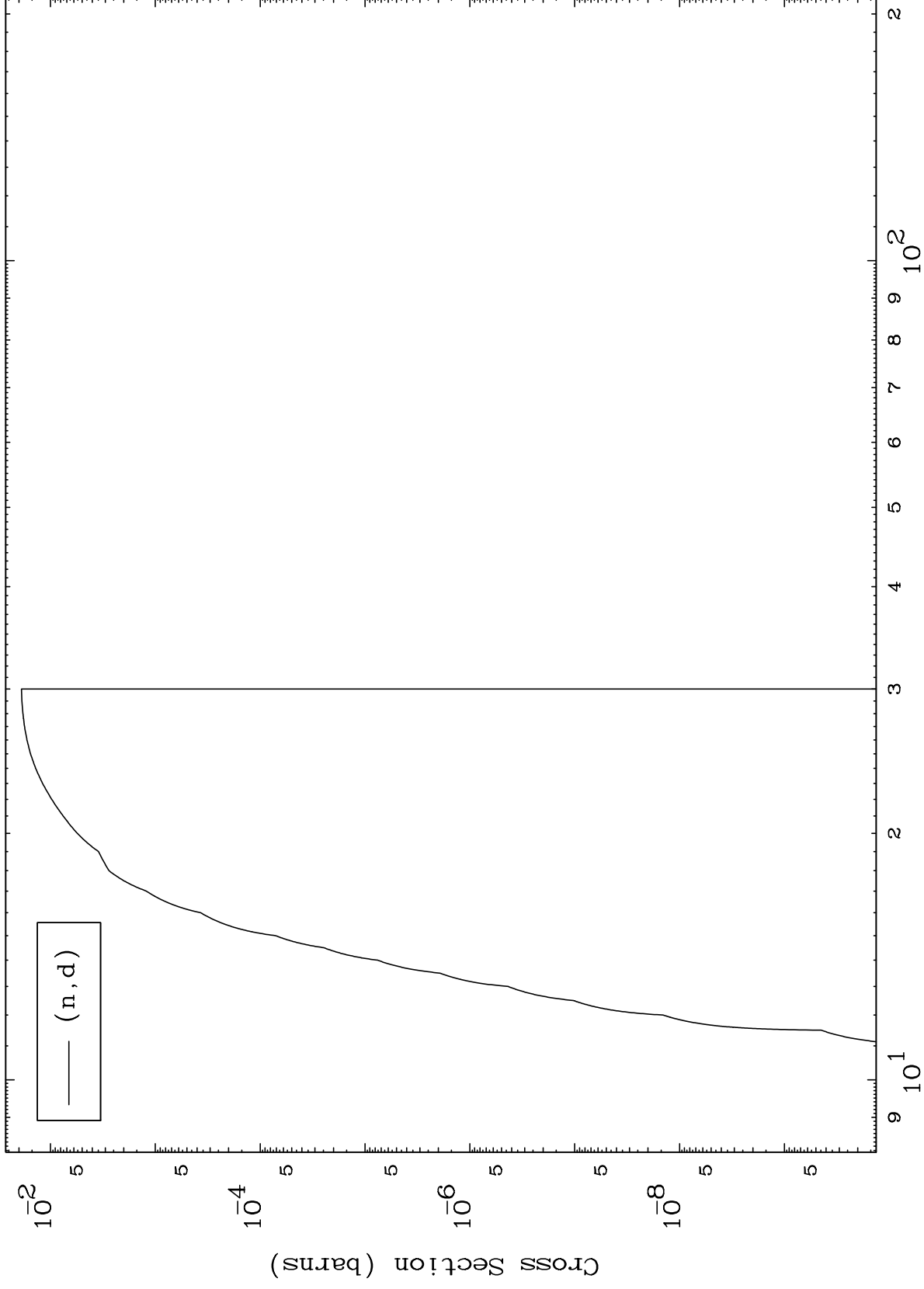




MAT 5049

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-120



Incident Energy (MeV)

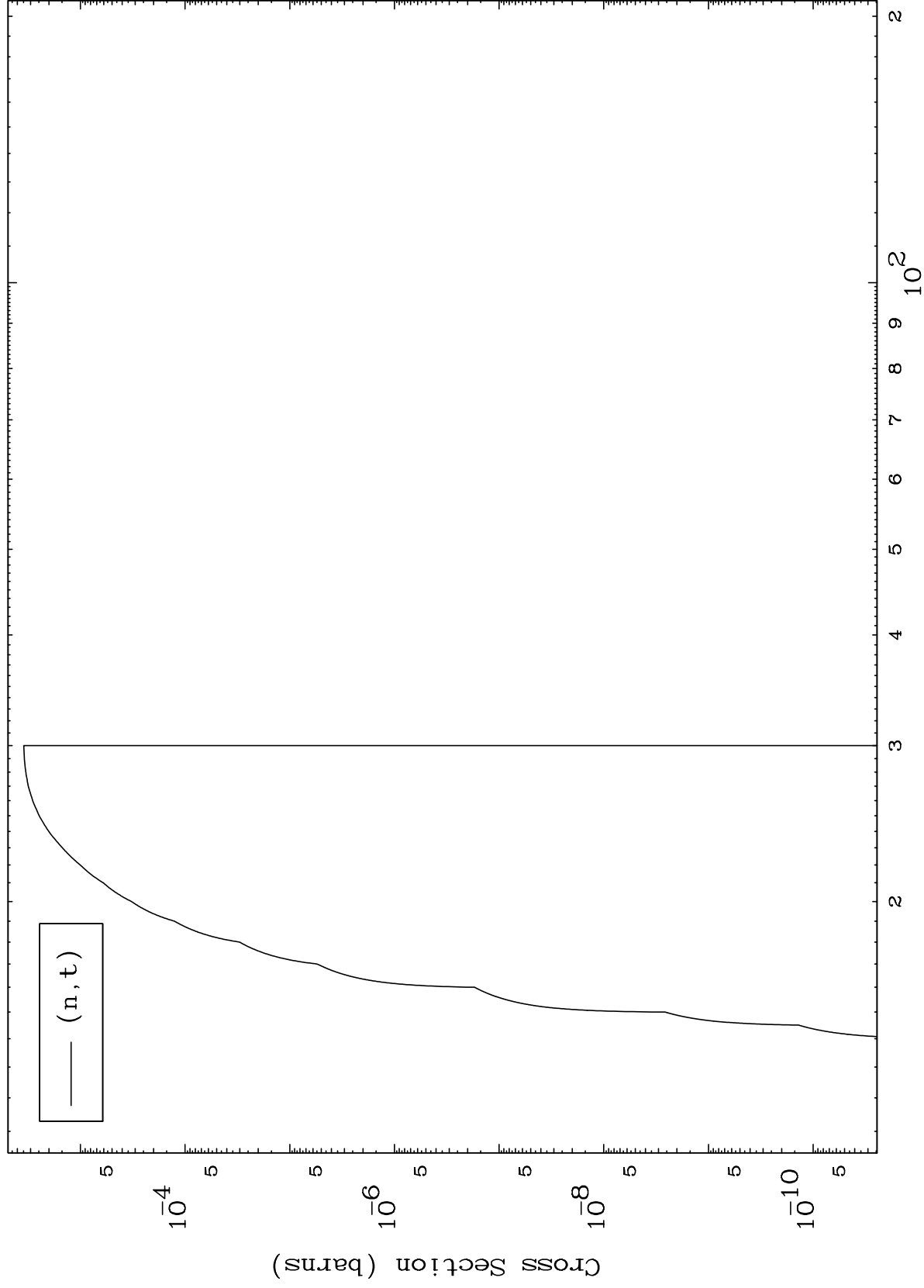
50-Sn-120

13

MAT 5049

50-Sn-120

(n,t) Levels
293 Kelvin Cross Sections



50-Sn-120

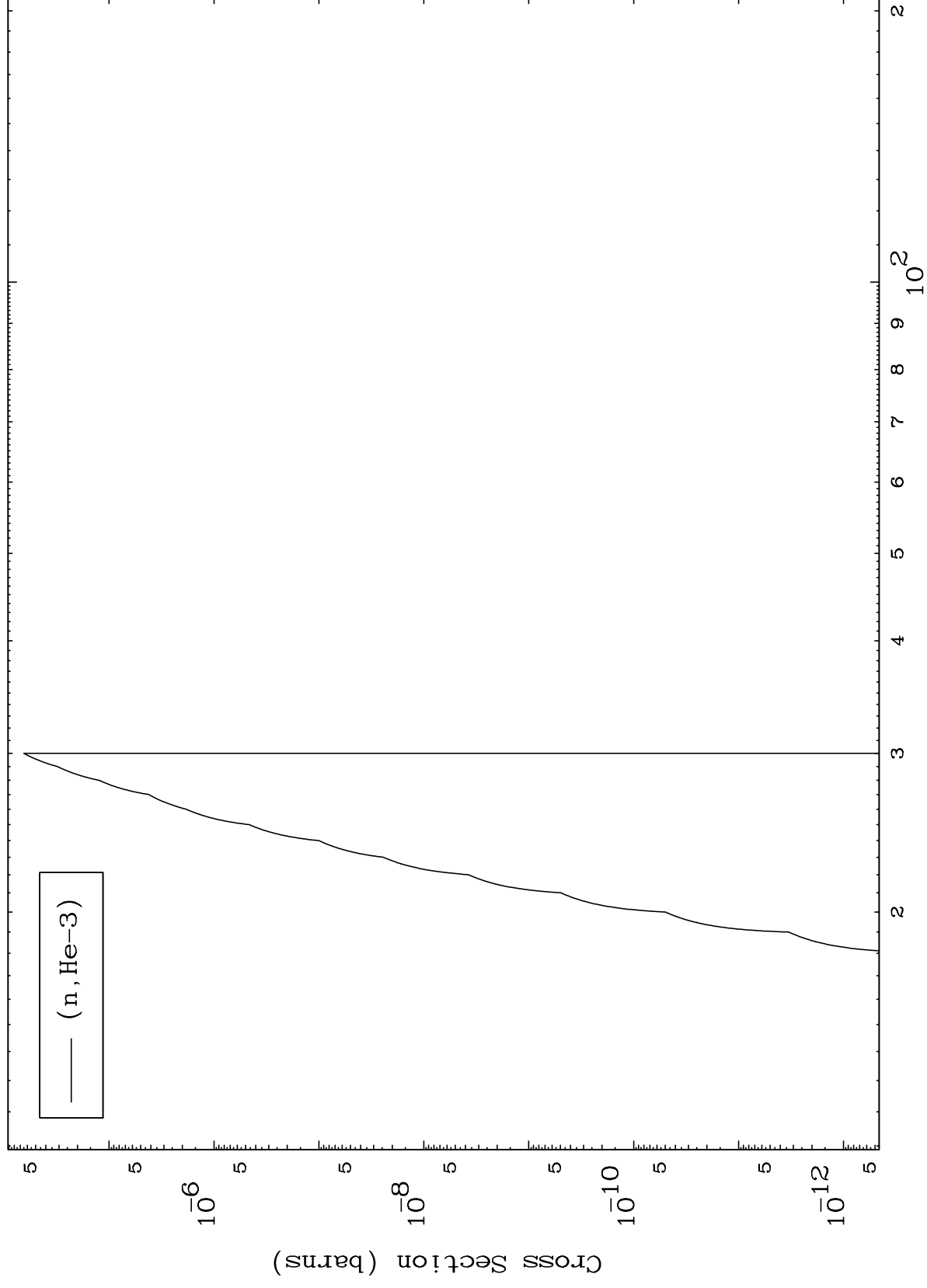
Incident Energy (MeV)

14

MAT 5049

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-120



15

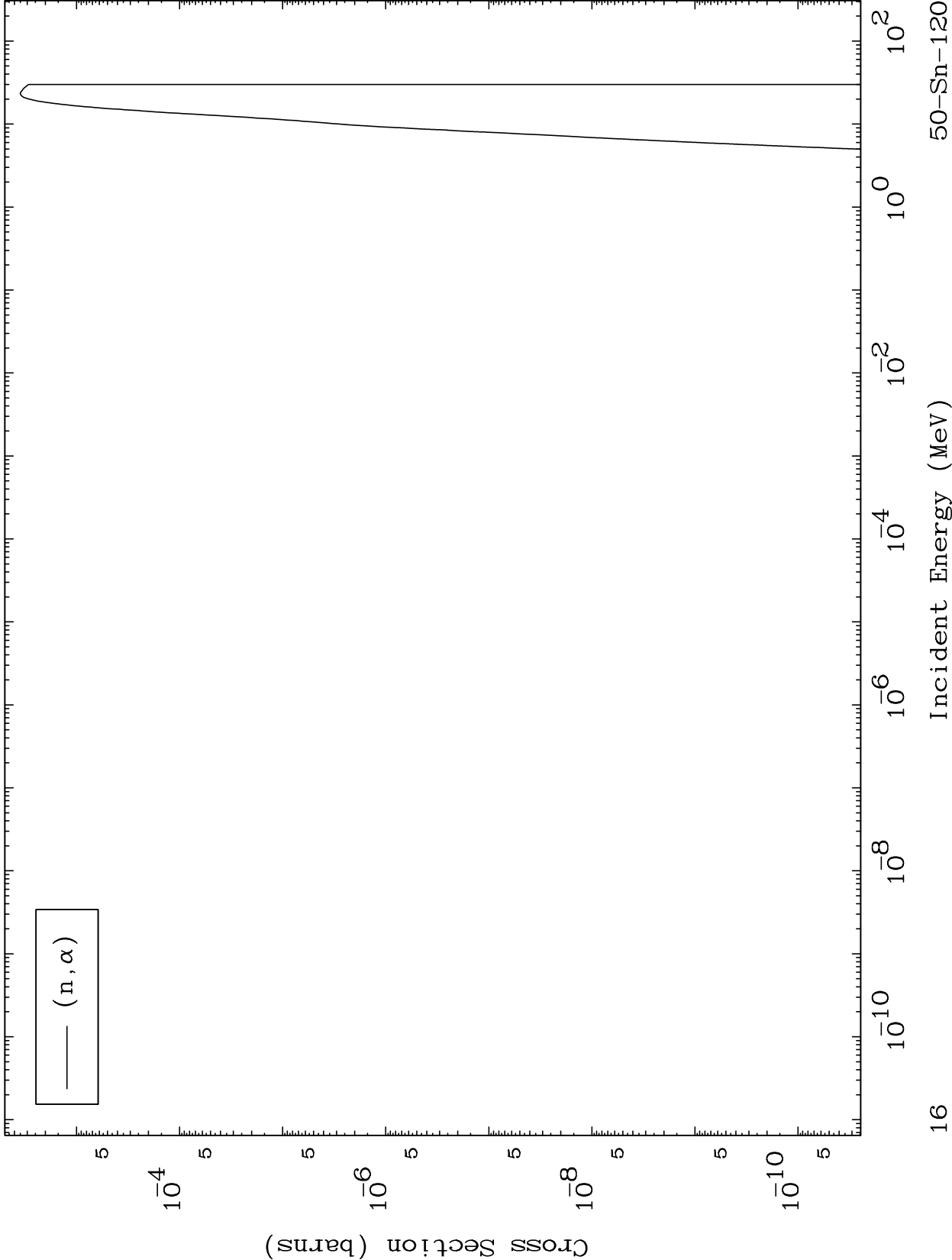
Incident Energy (MeV)

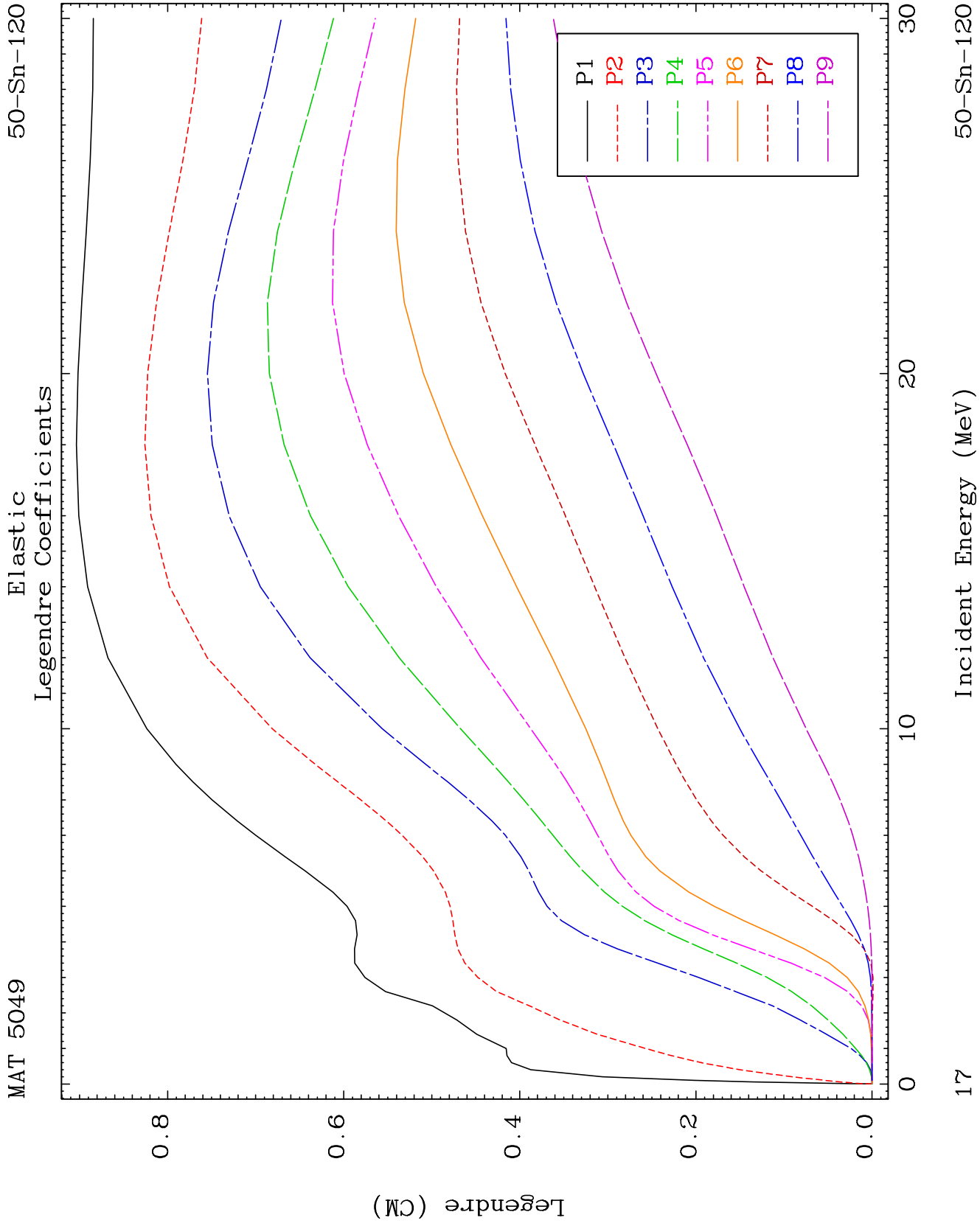
50-Sn-120

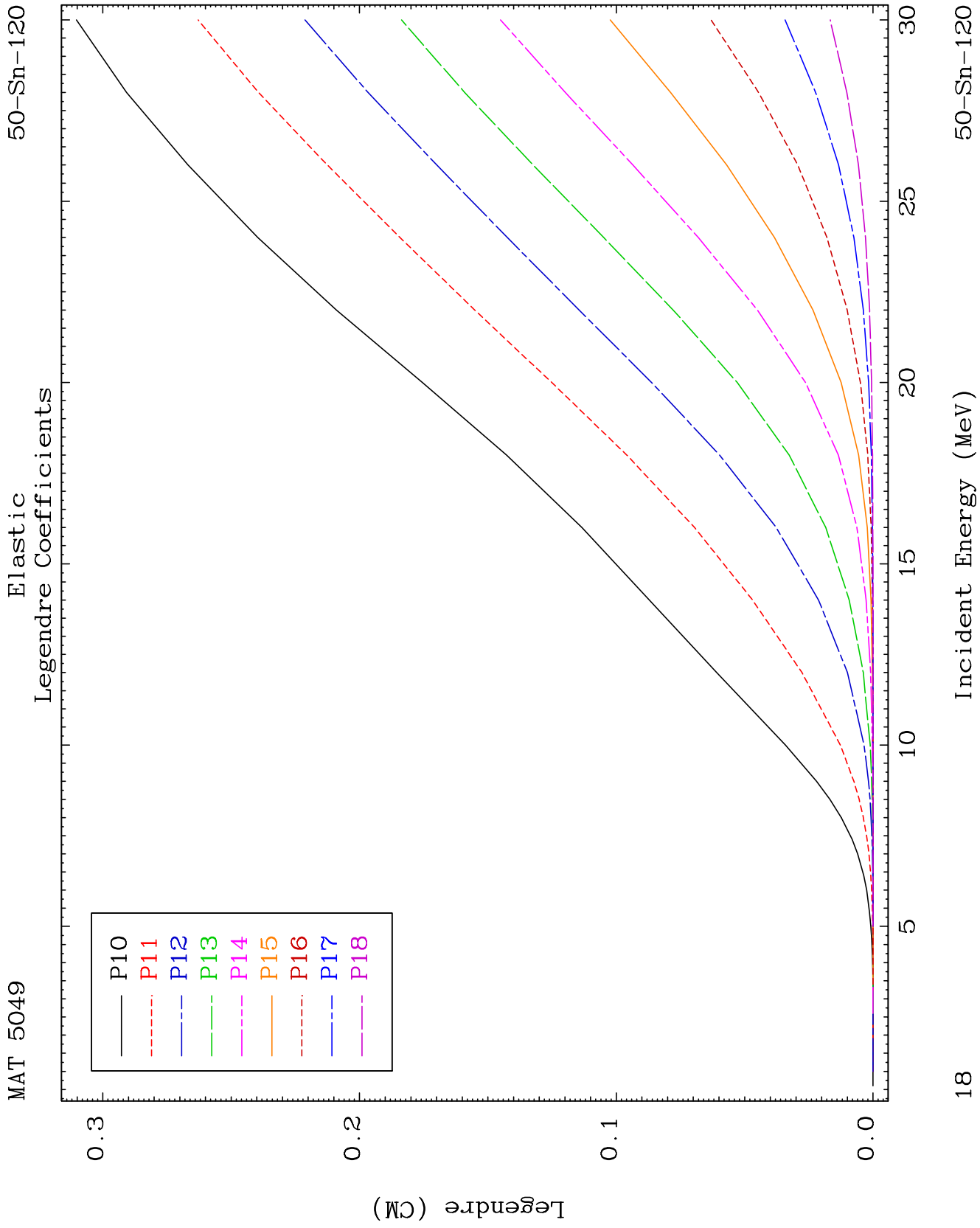
MAT 5049

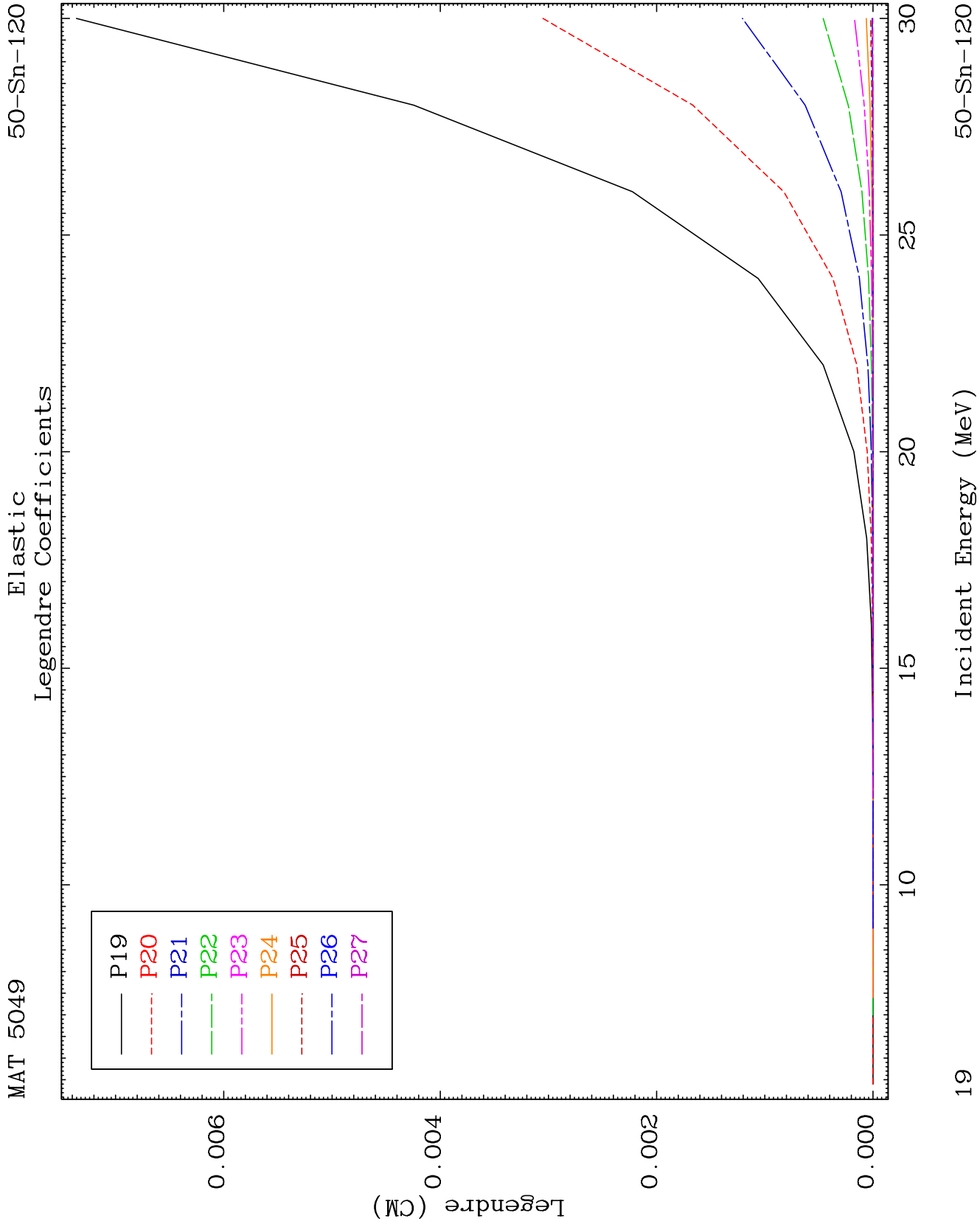
(n, α) Levels
293 Kelvin Cross Sections

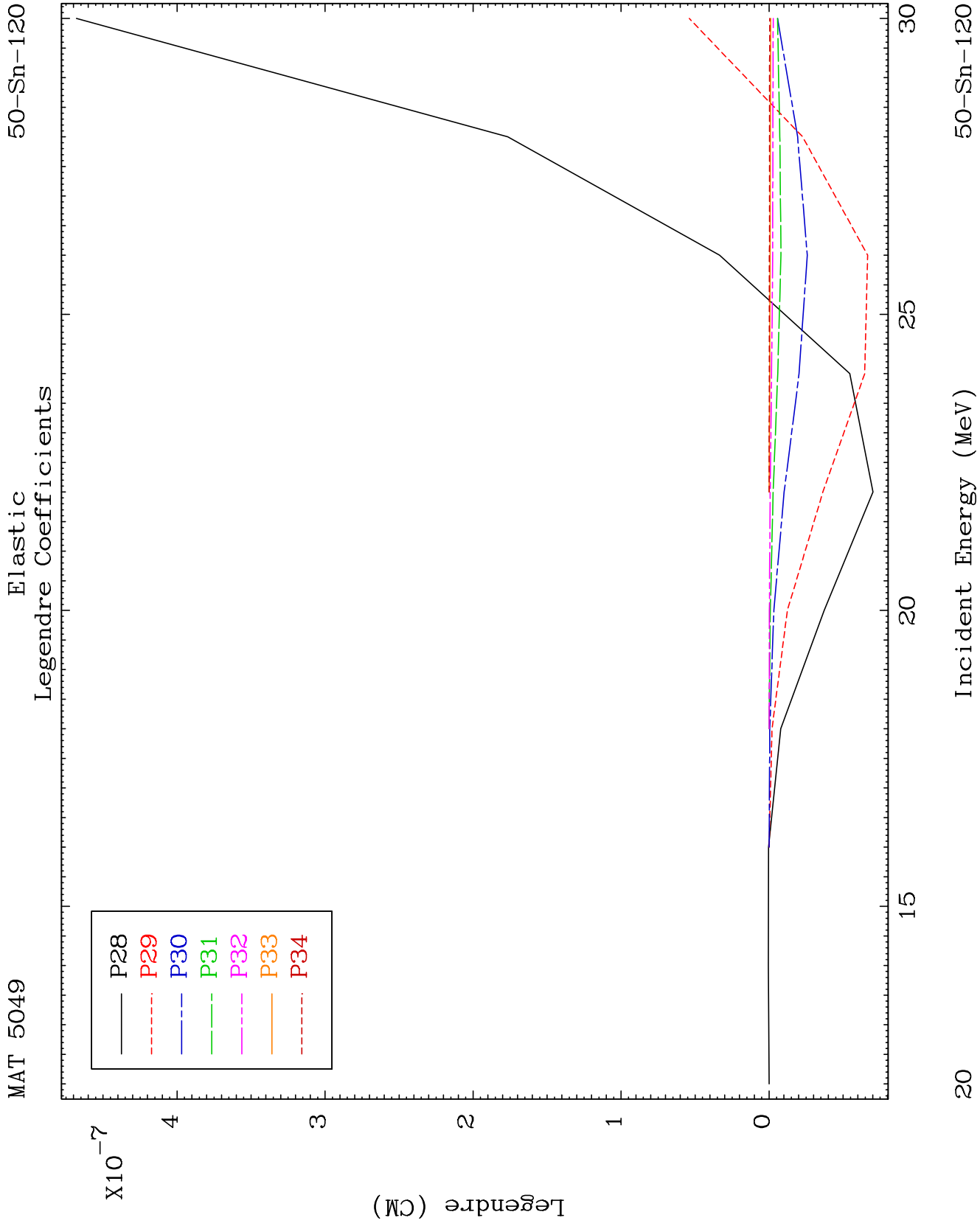
50-Sn-120

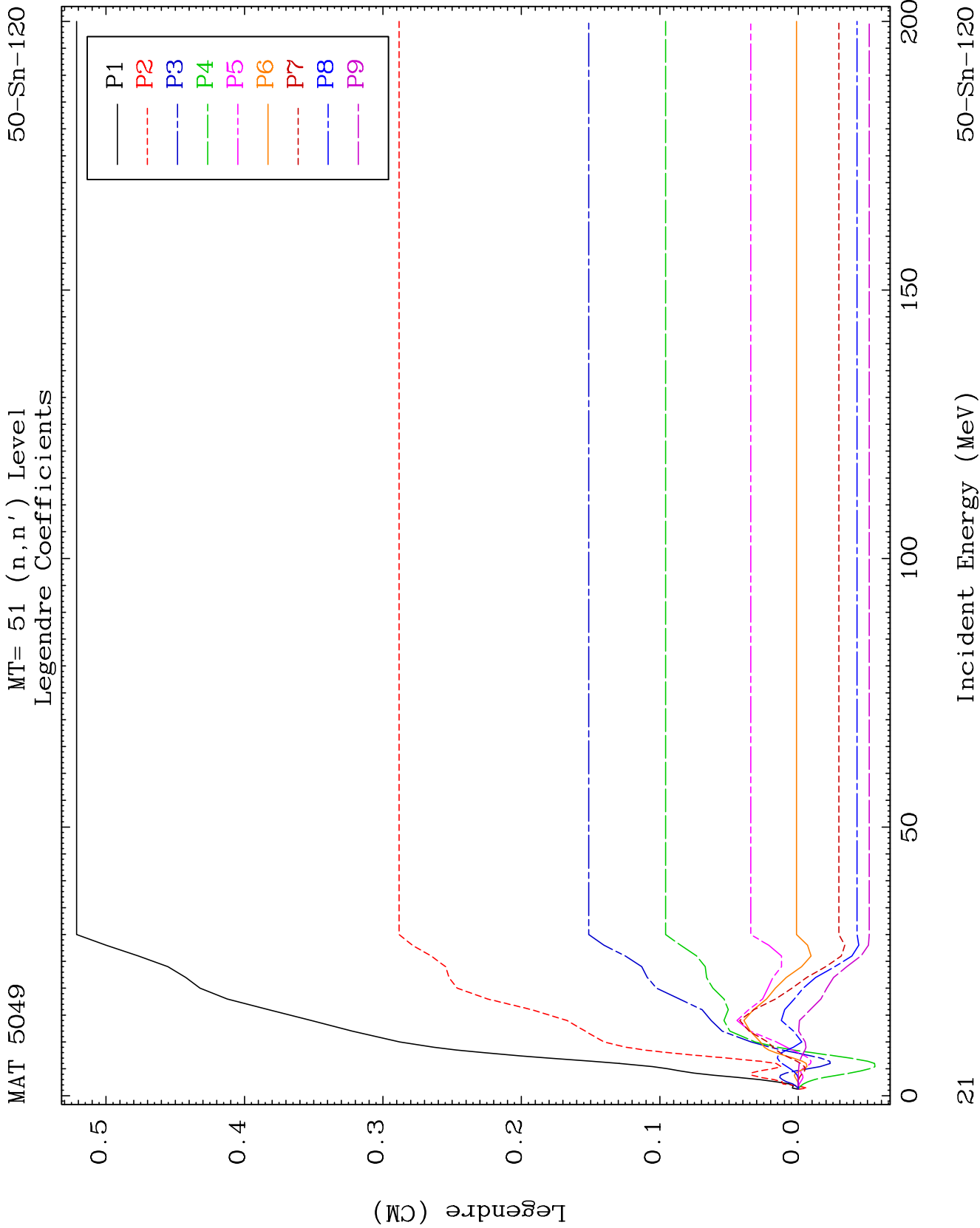


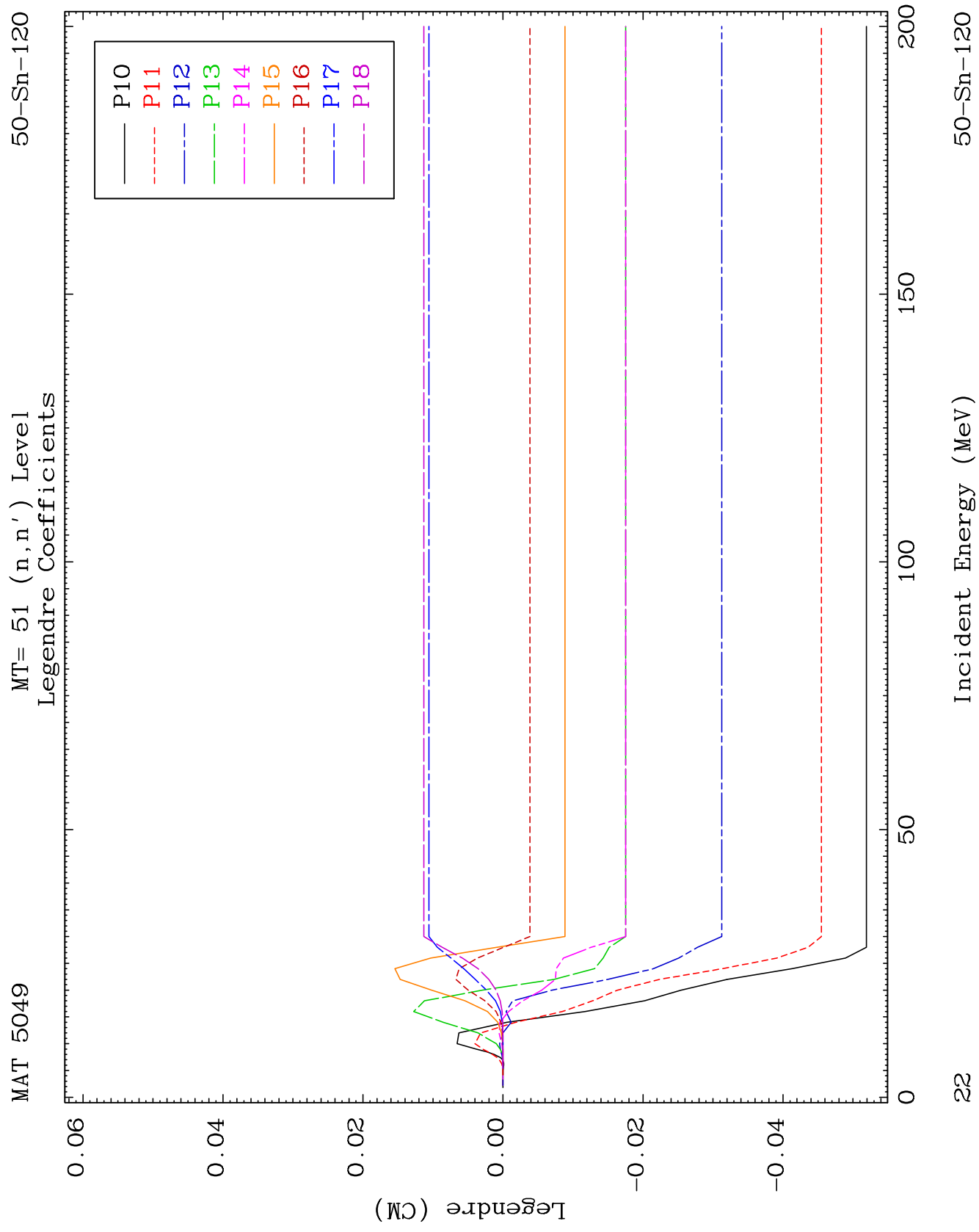


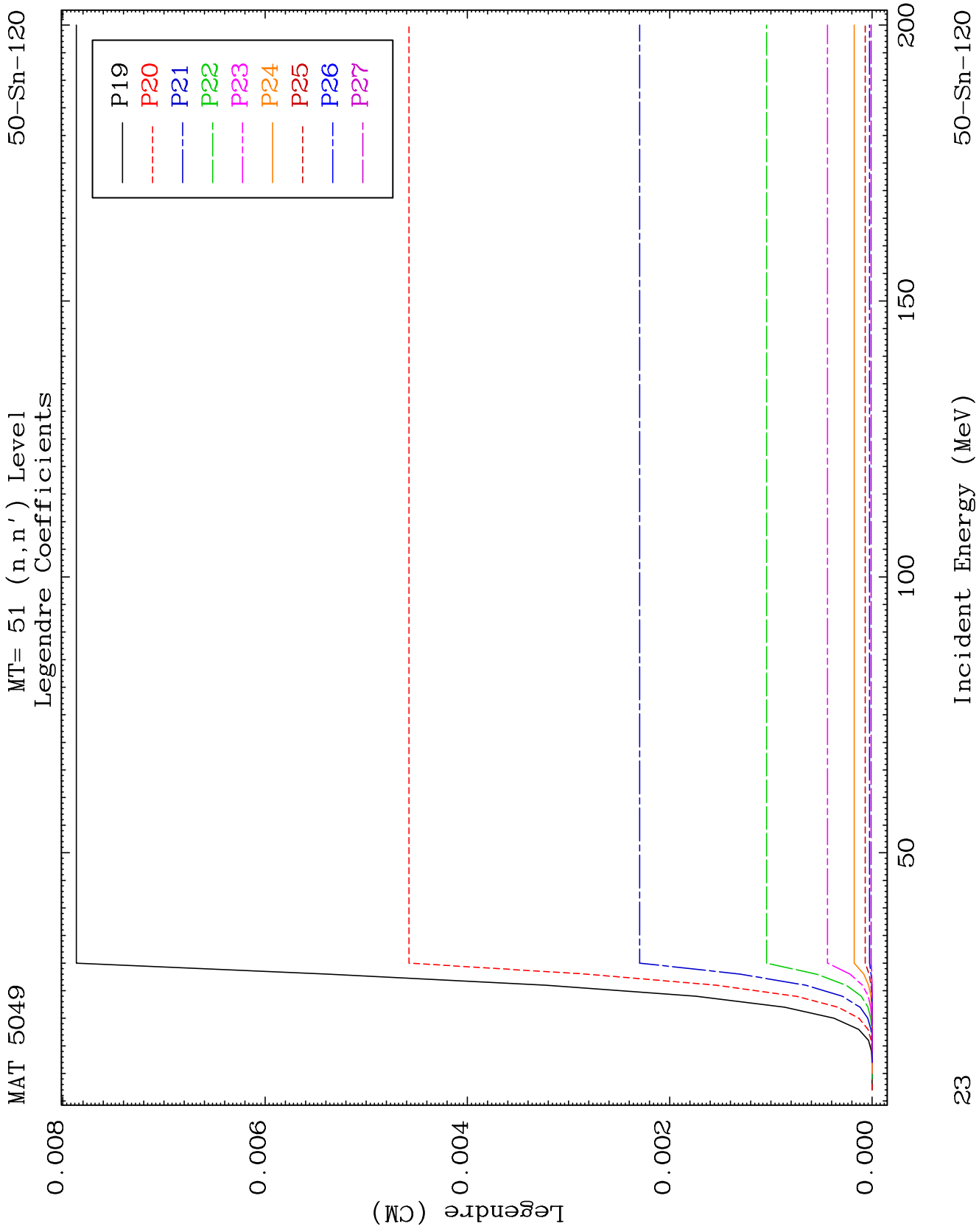








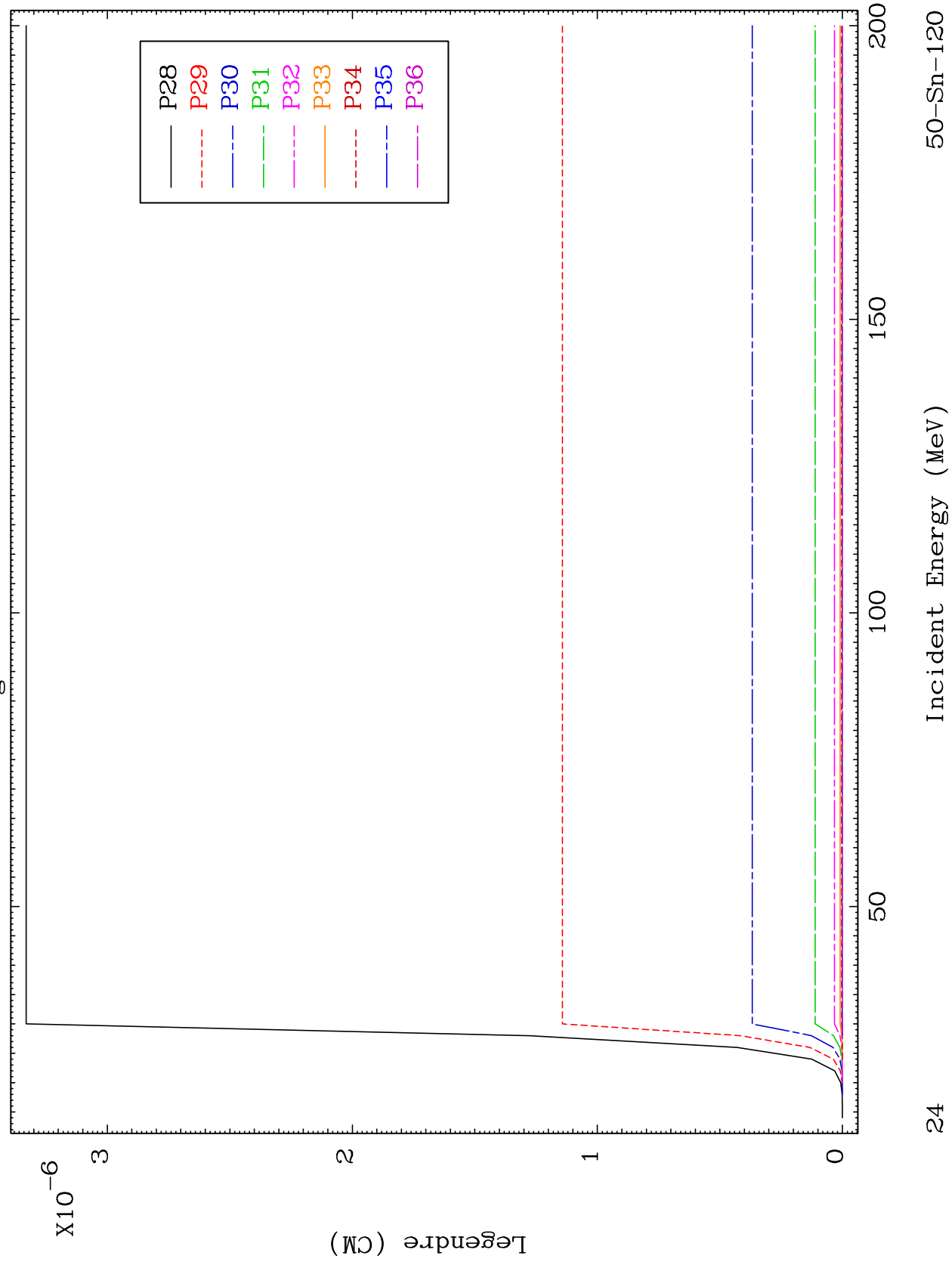


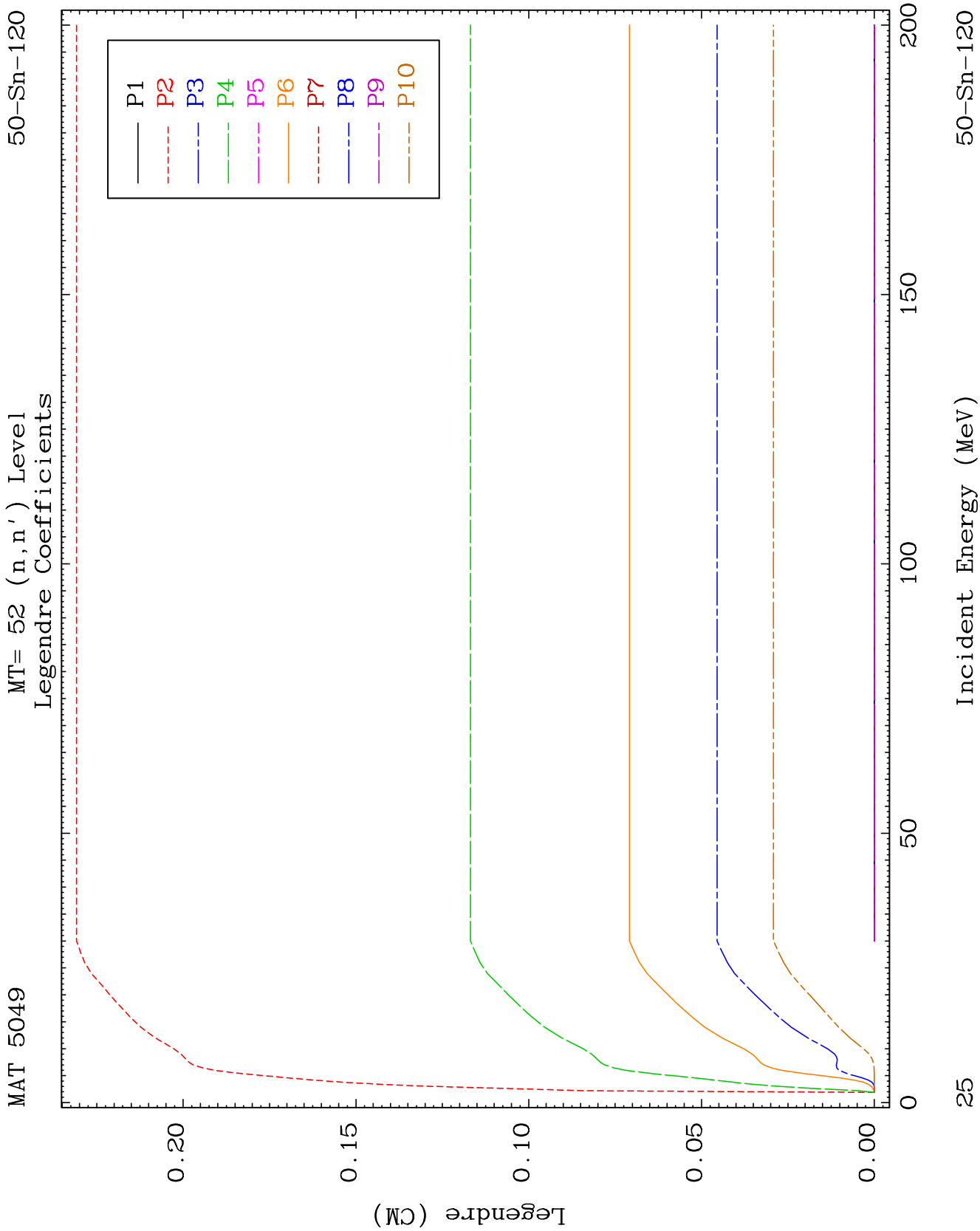


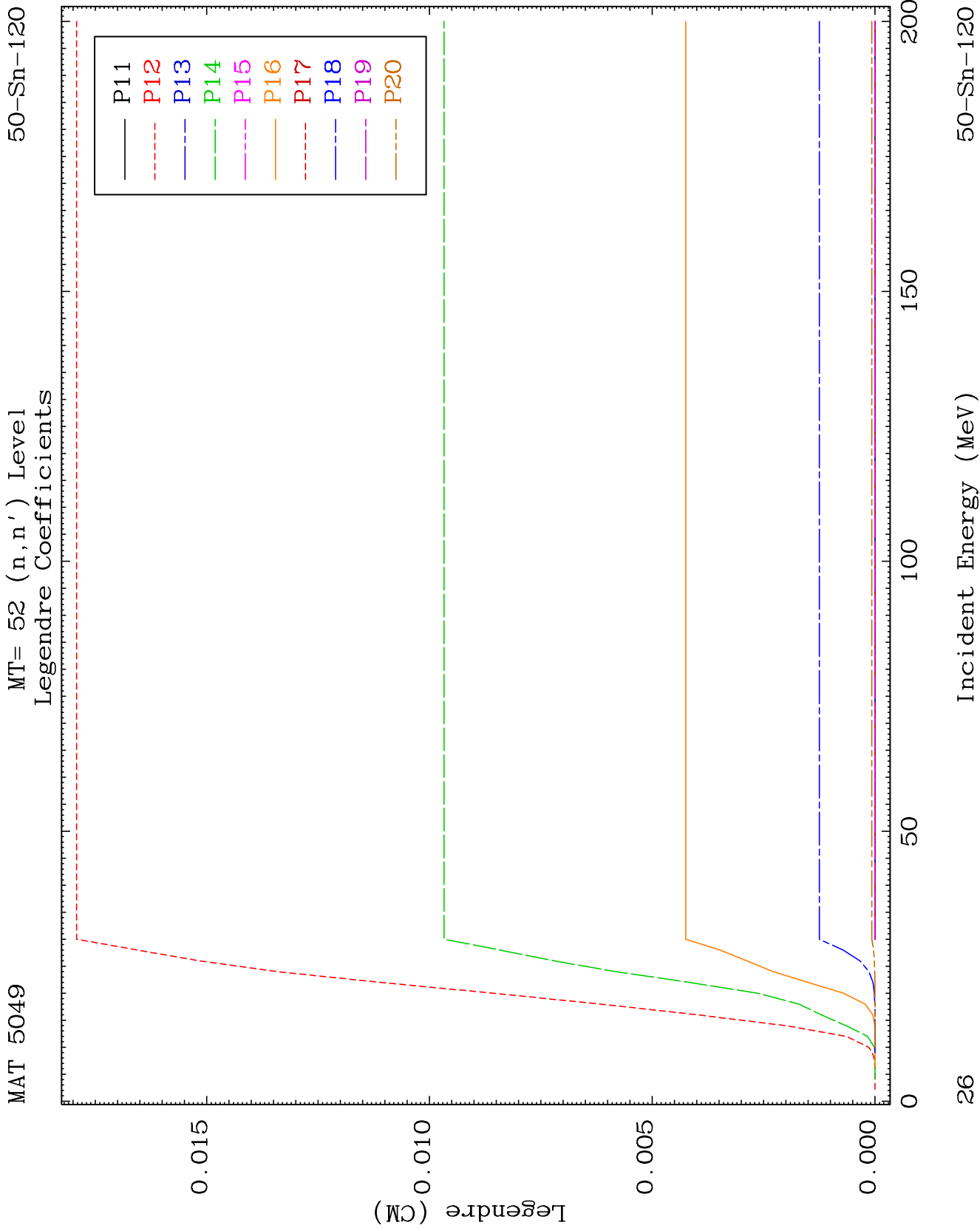
MAT 5049

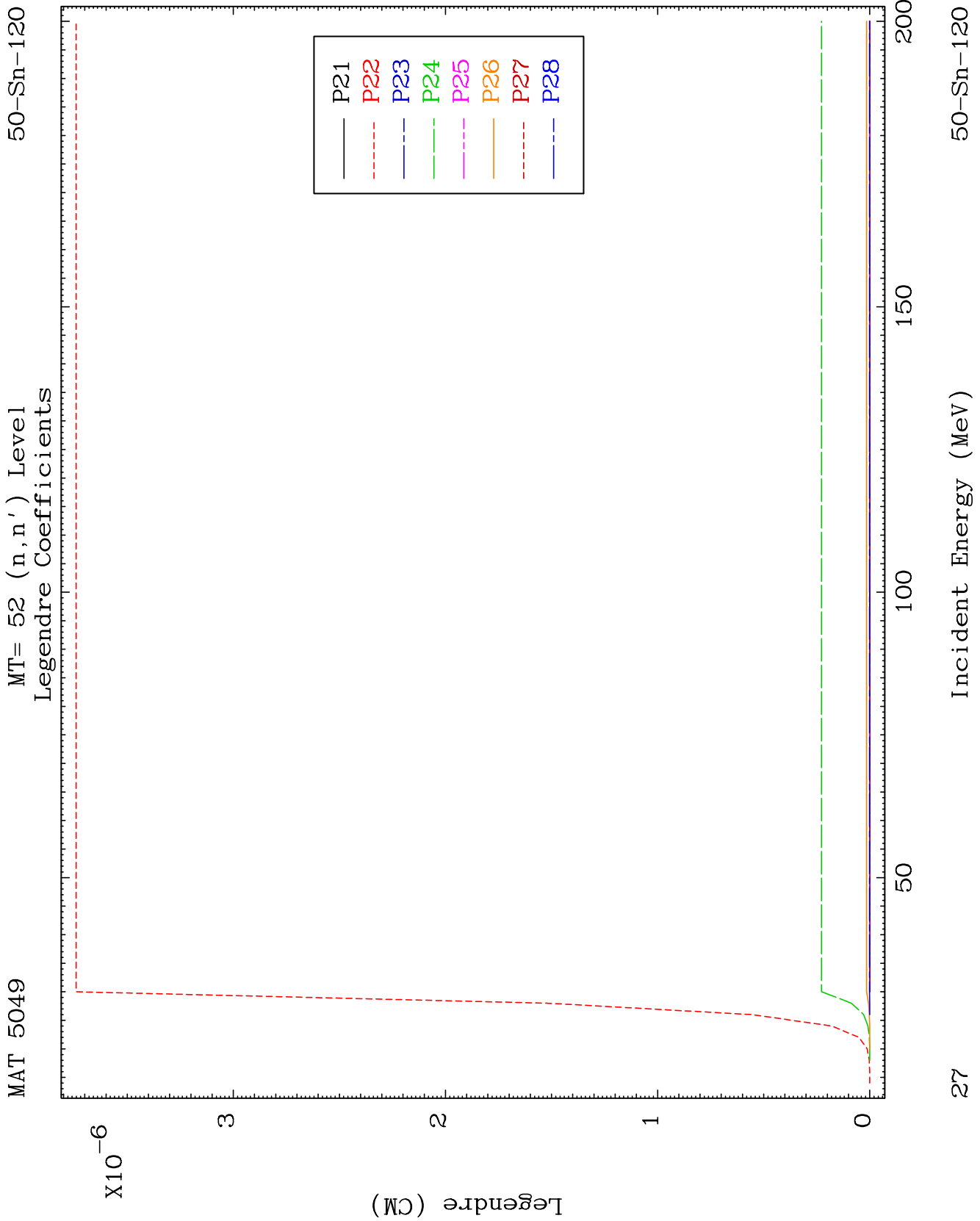
MT= 51 (n, n') Level
Legendre Coefficients

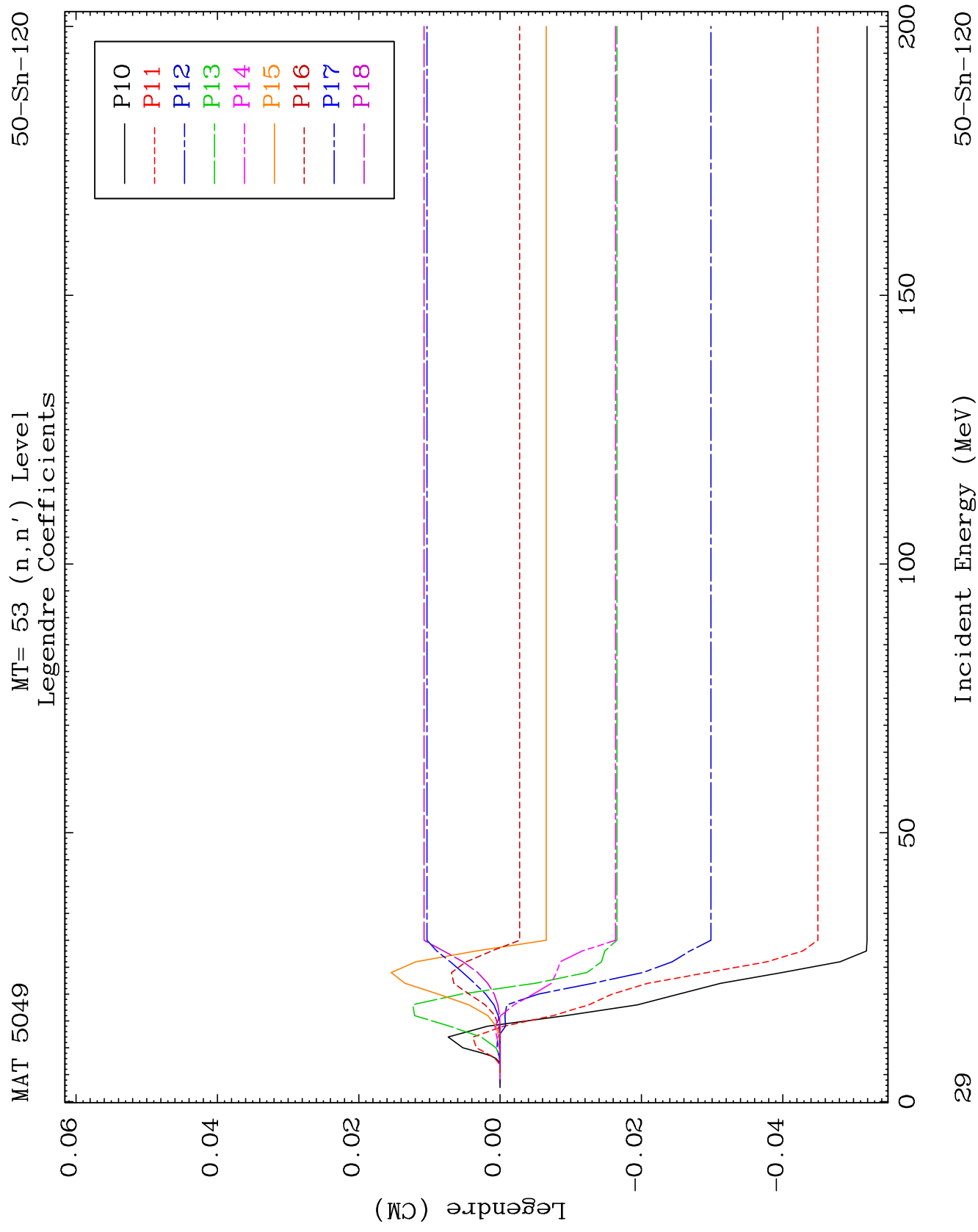
50-Sn-120







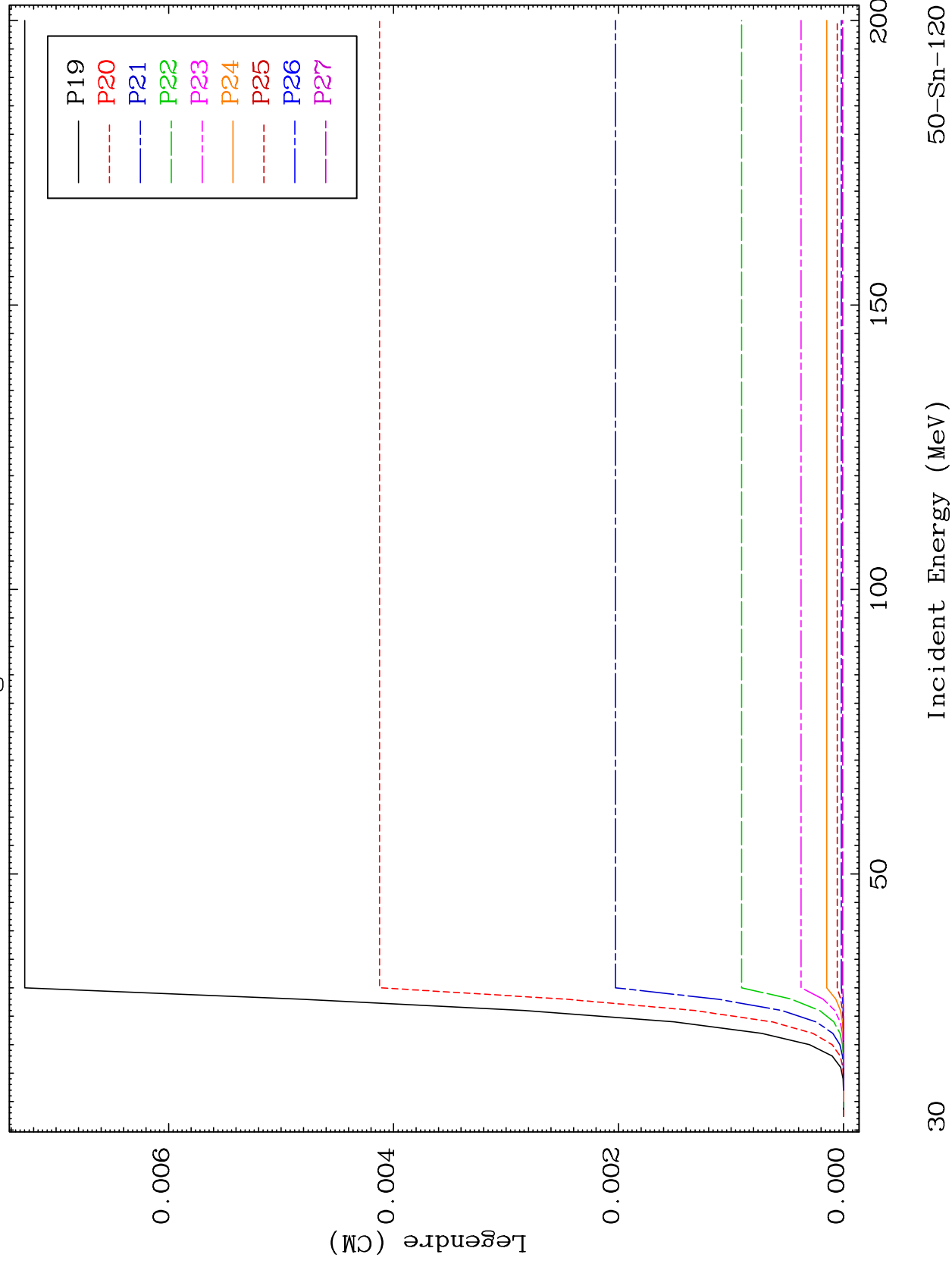


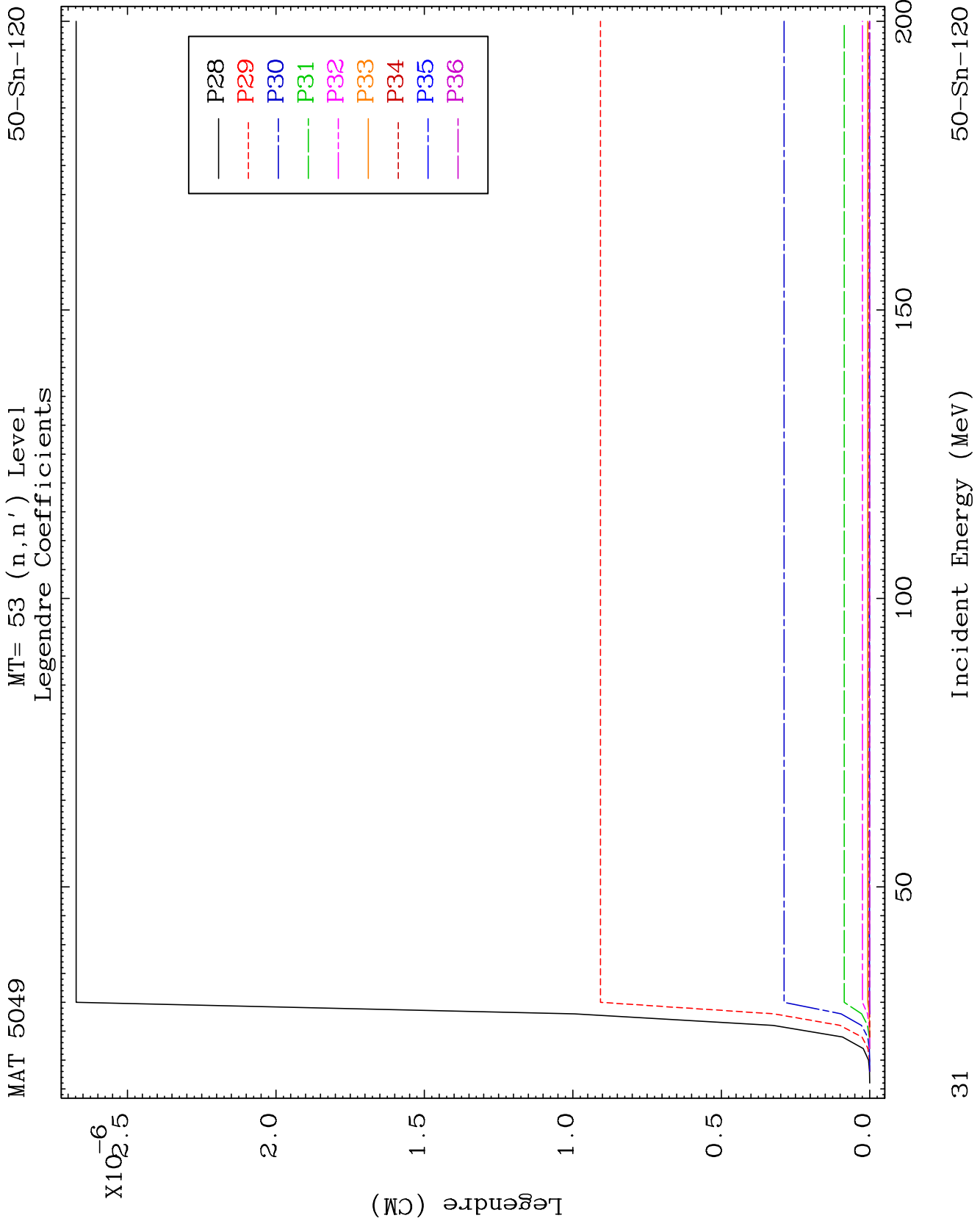


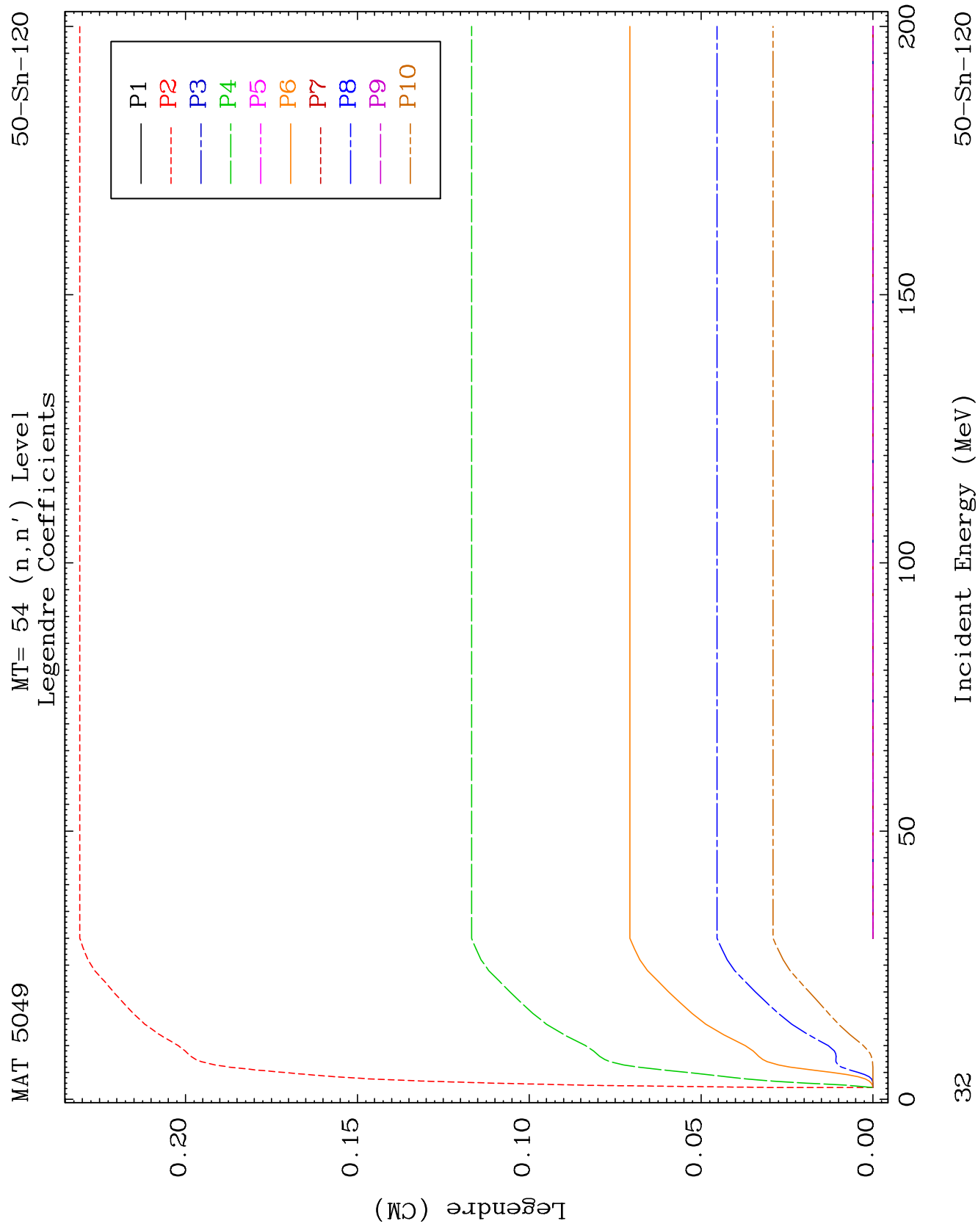
MAT 5049

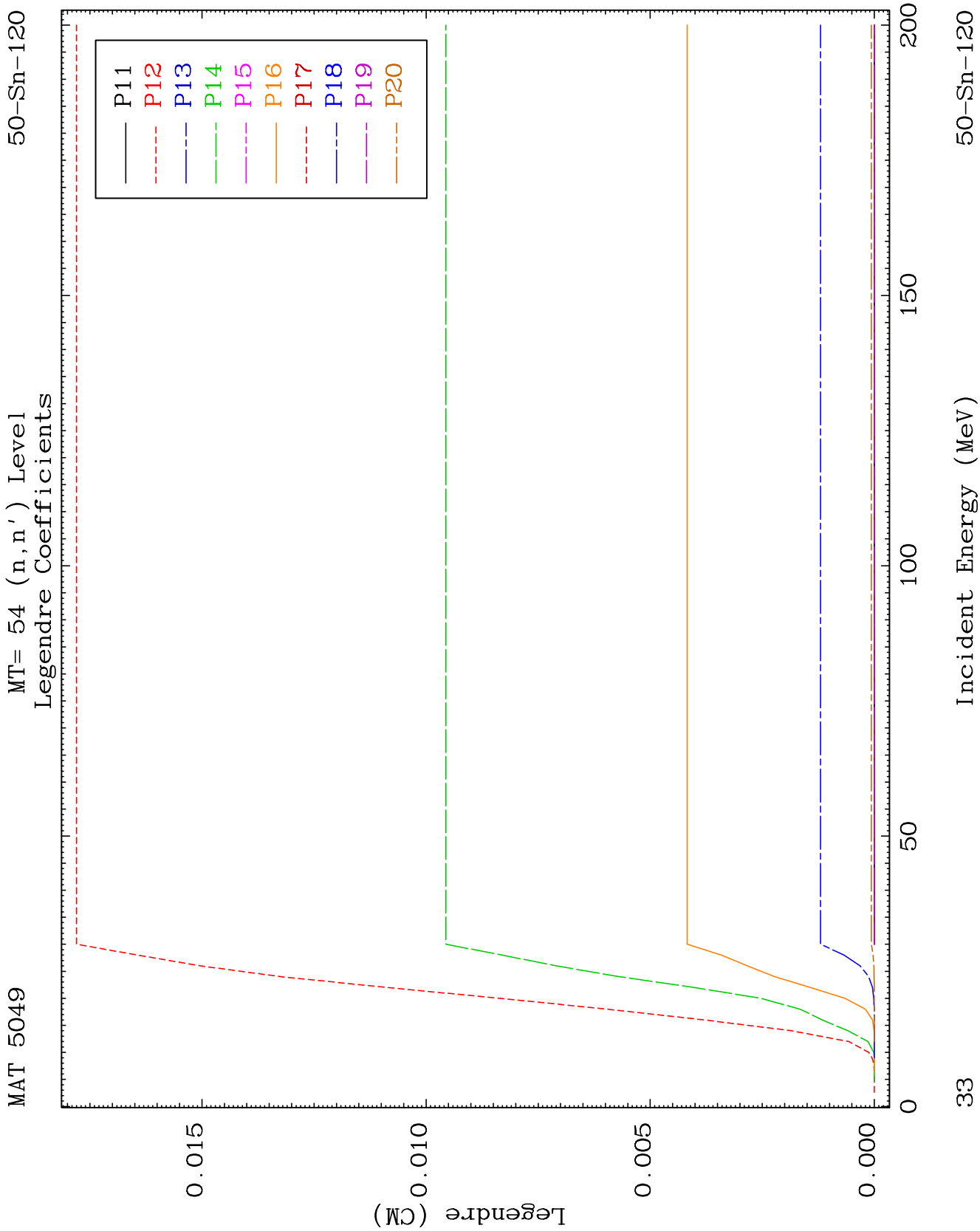
MT= 53 (n, n') Level
Legendre Coefficients

50-Sn-120





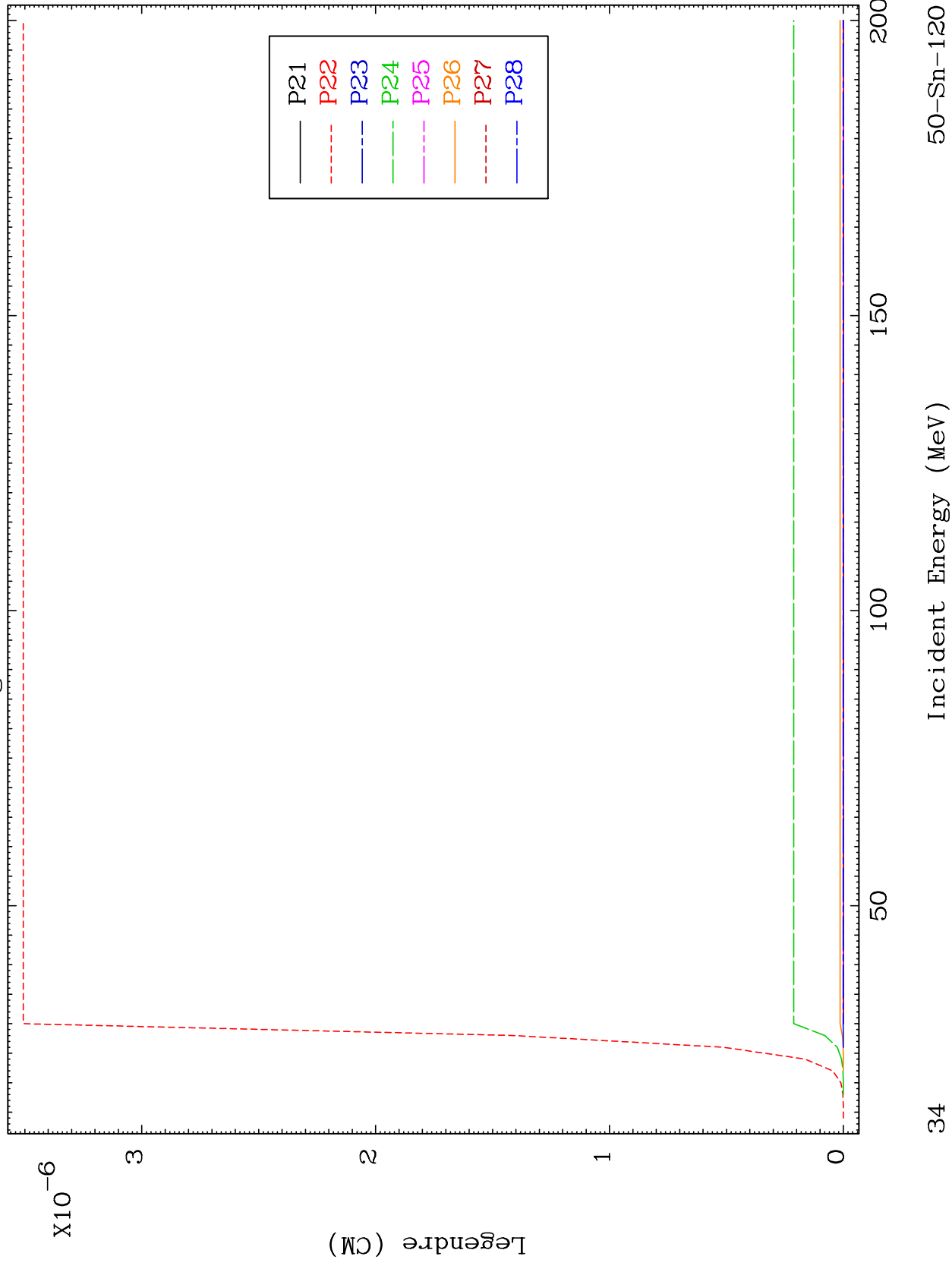


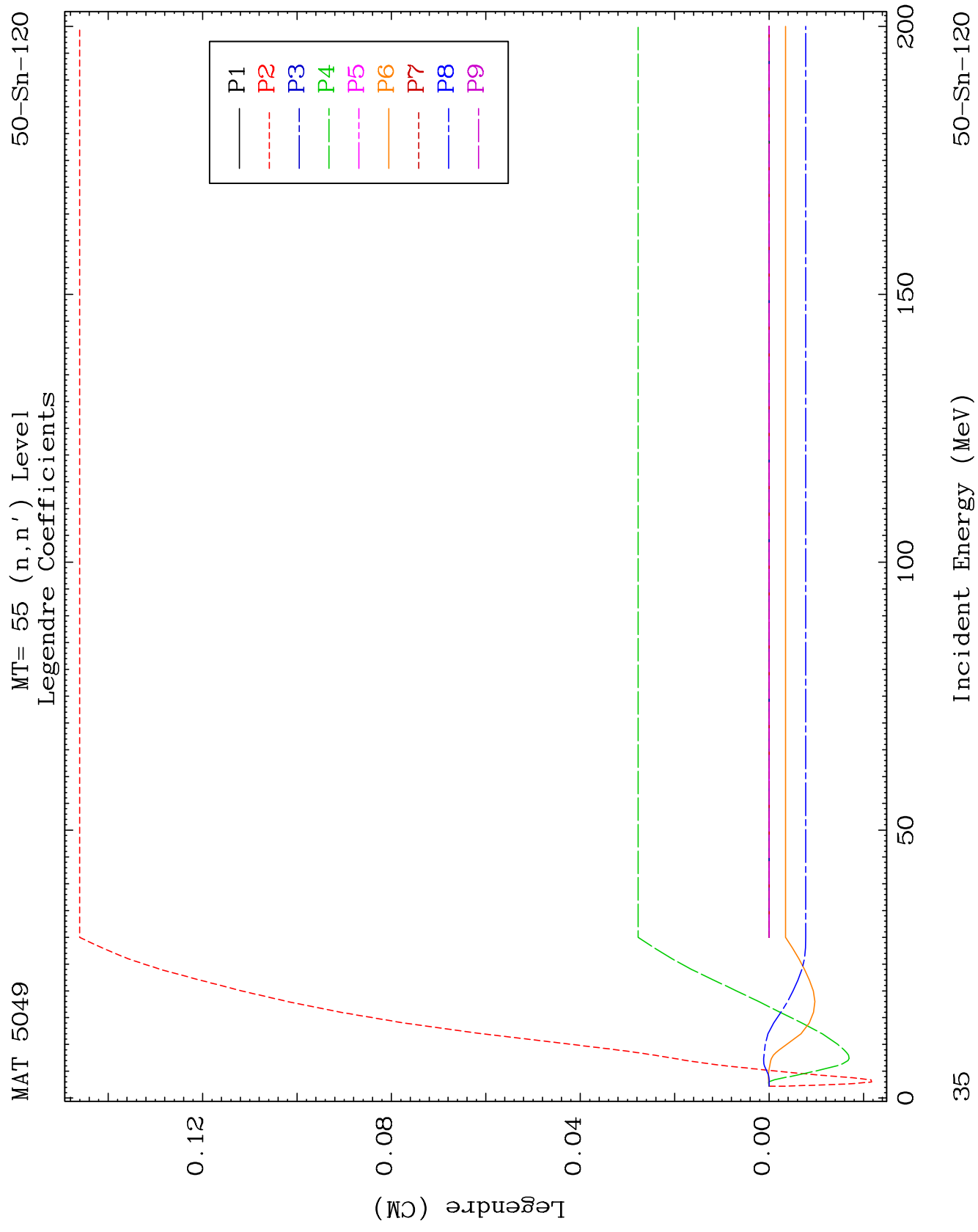


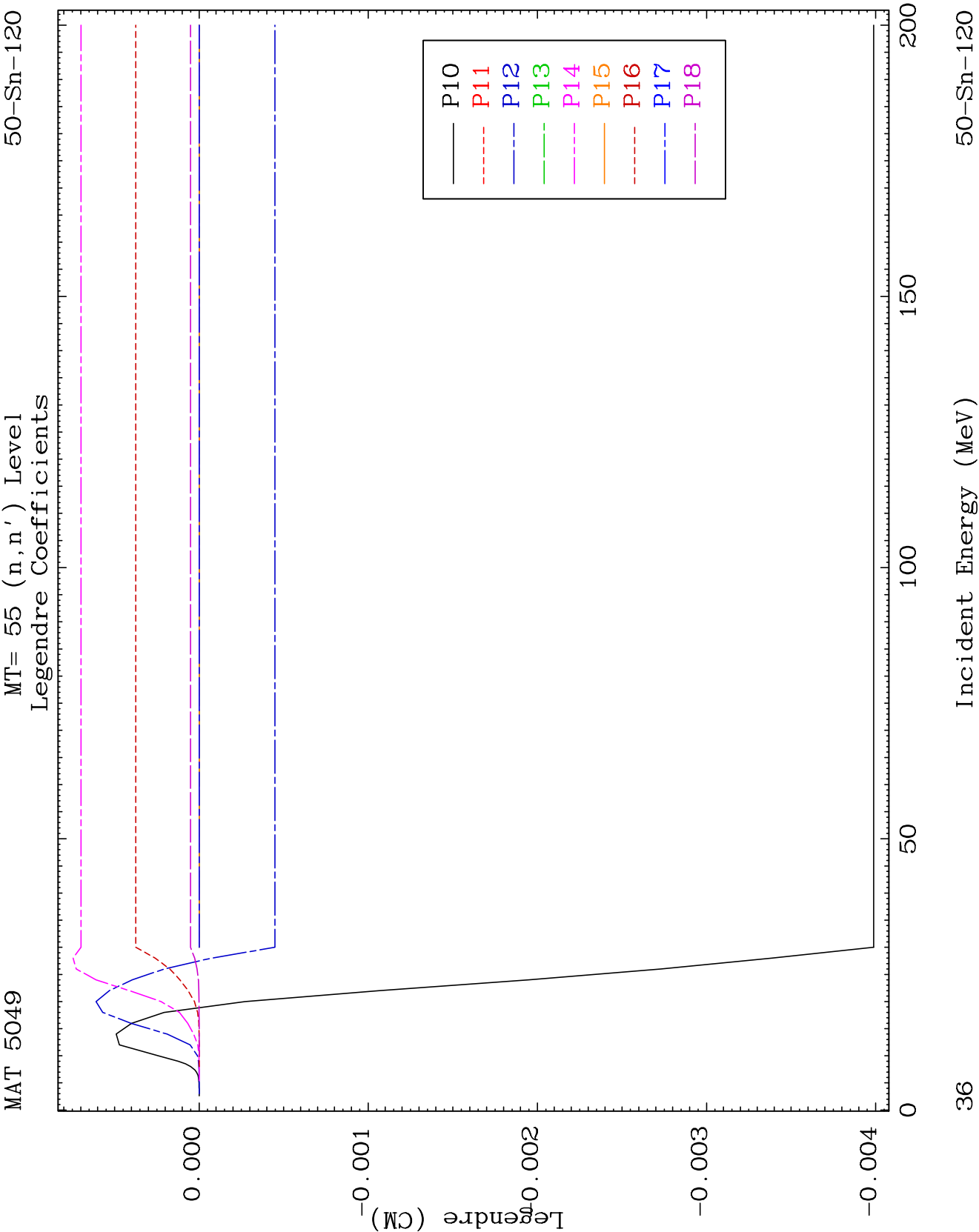
MAT 5049

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

50-Sn-120



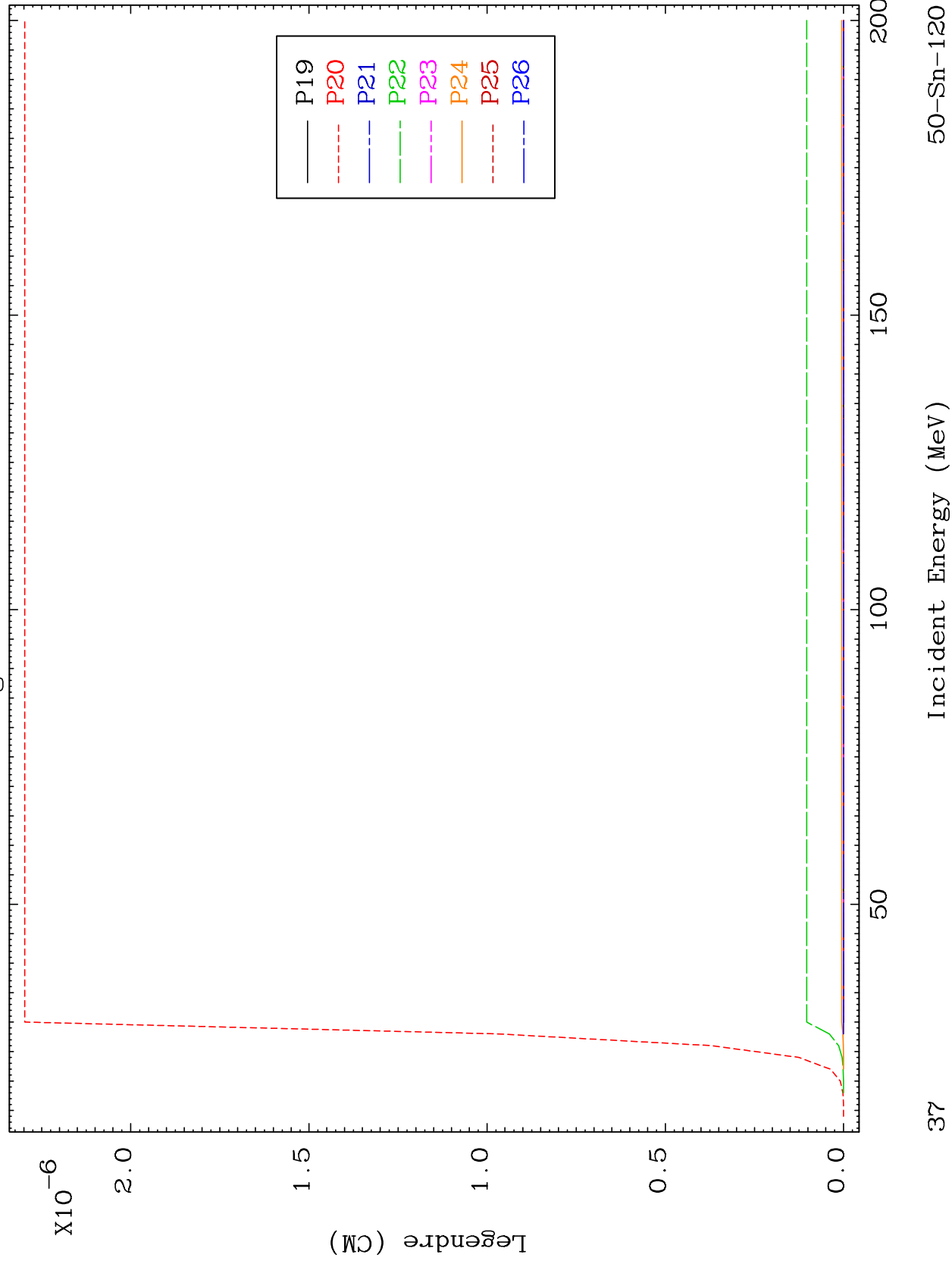


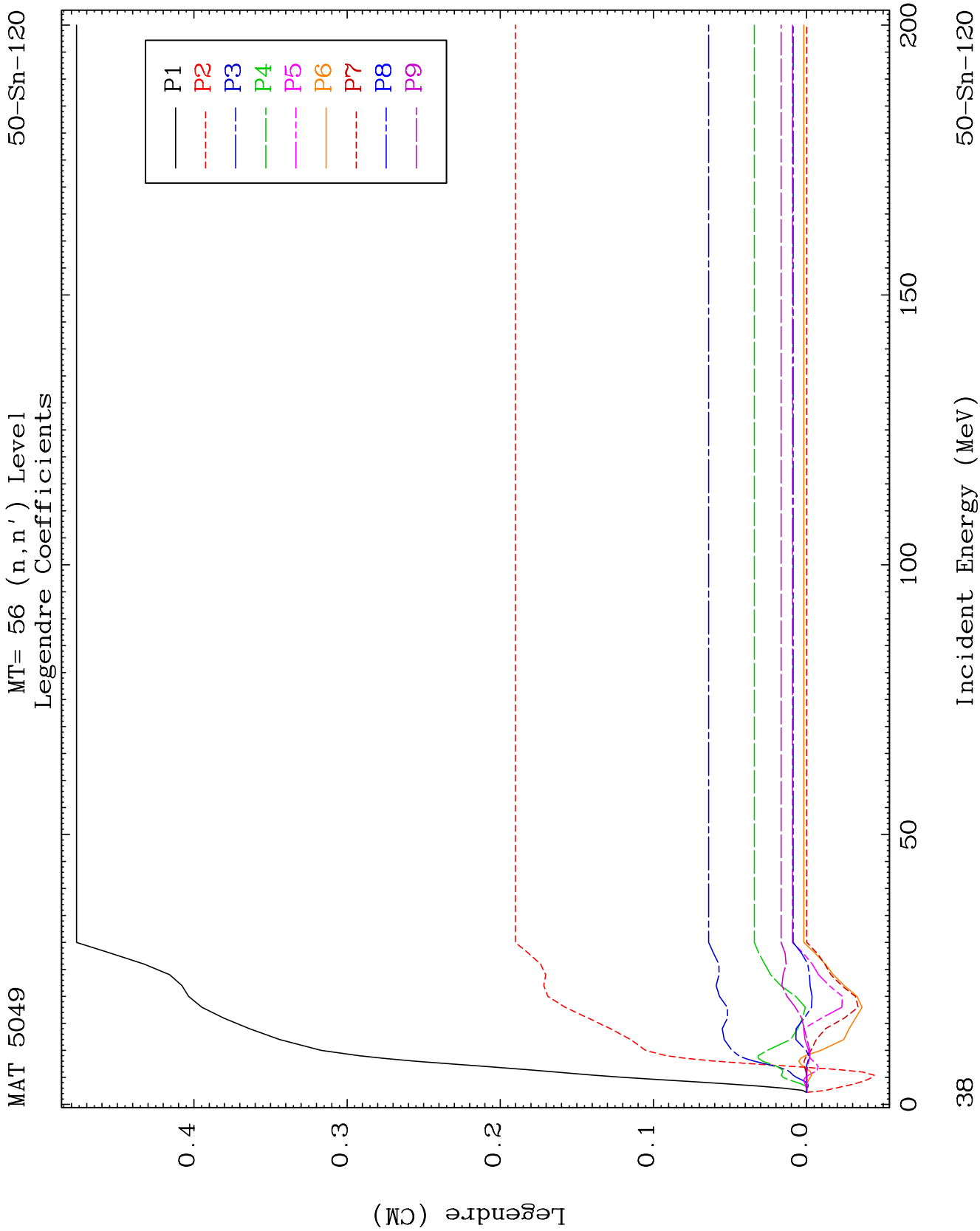


MAT 5049

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

50-Sn-120

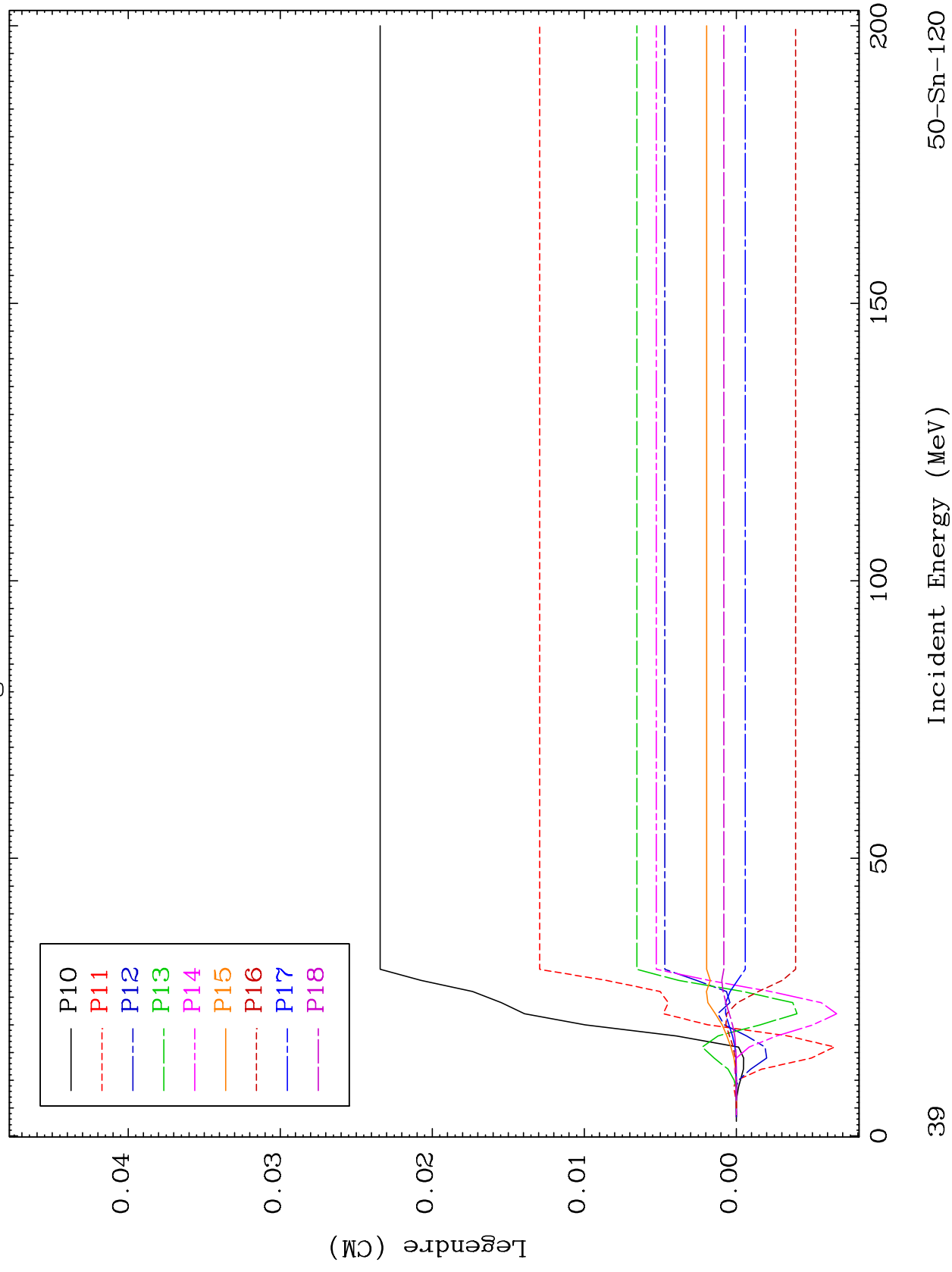


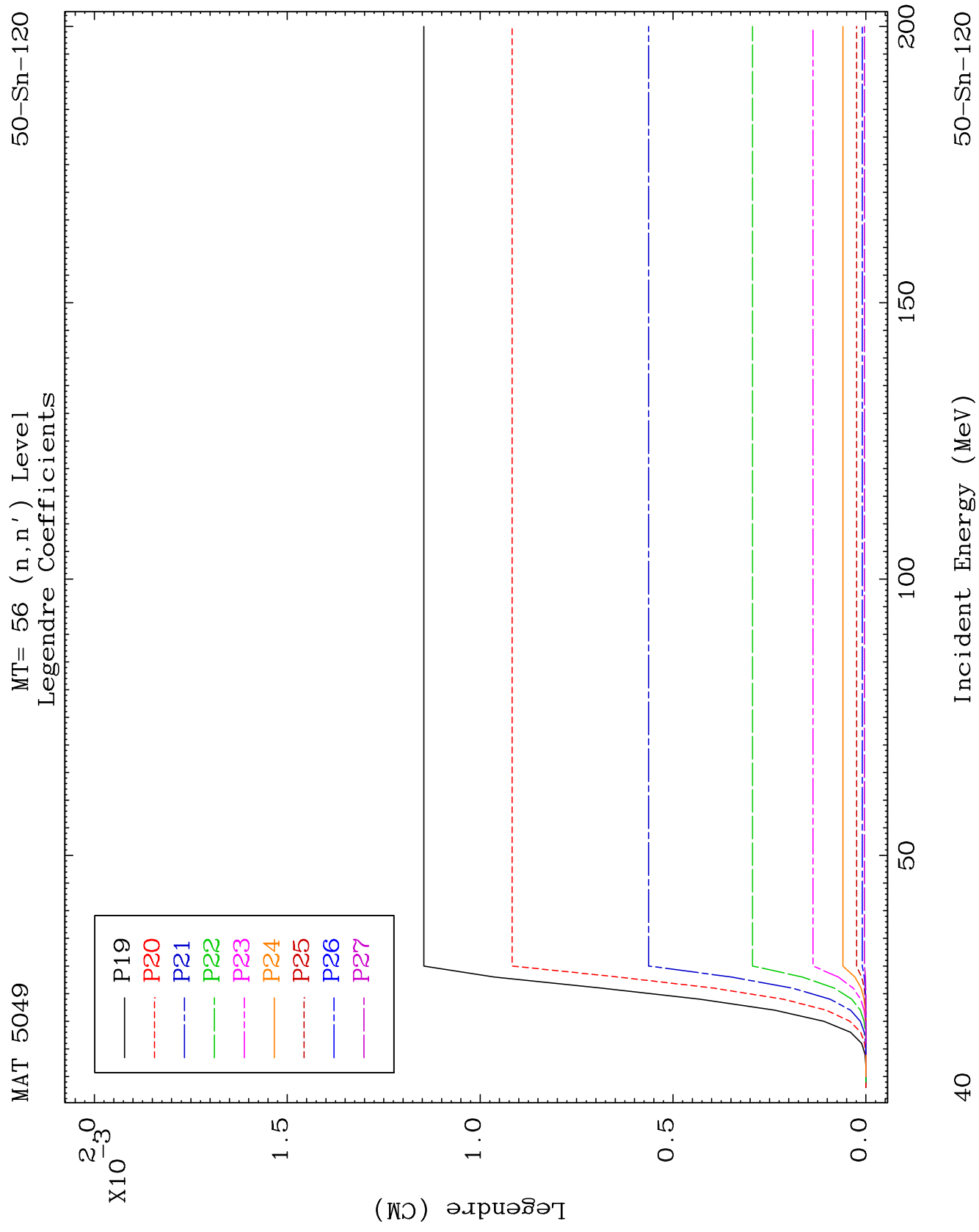


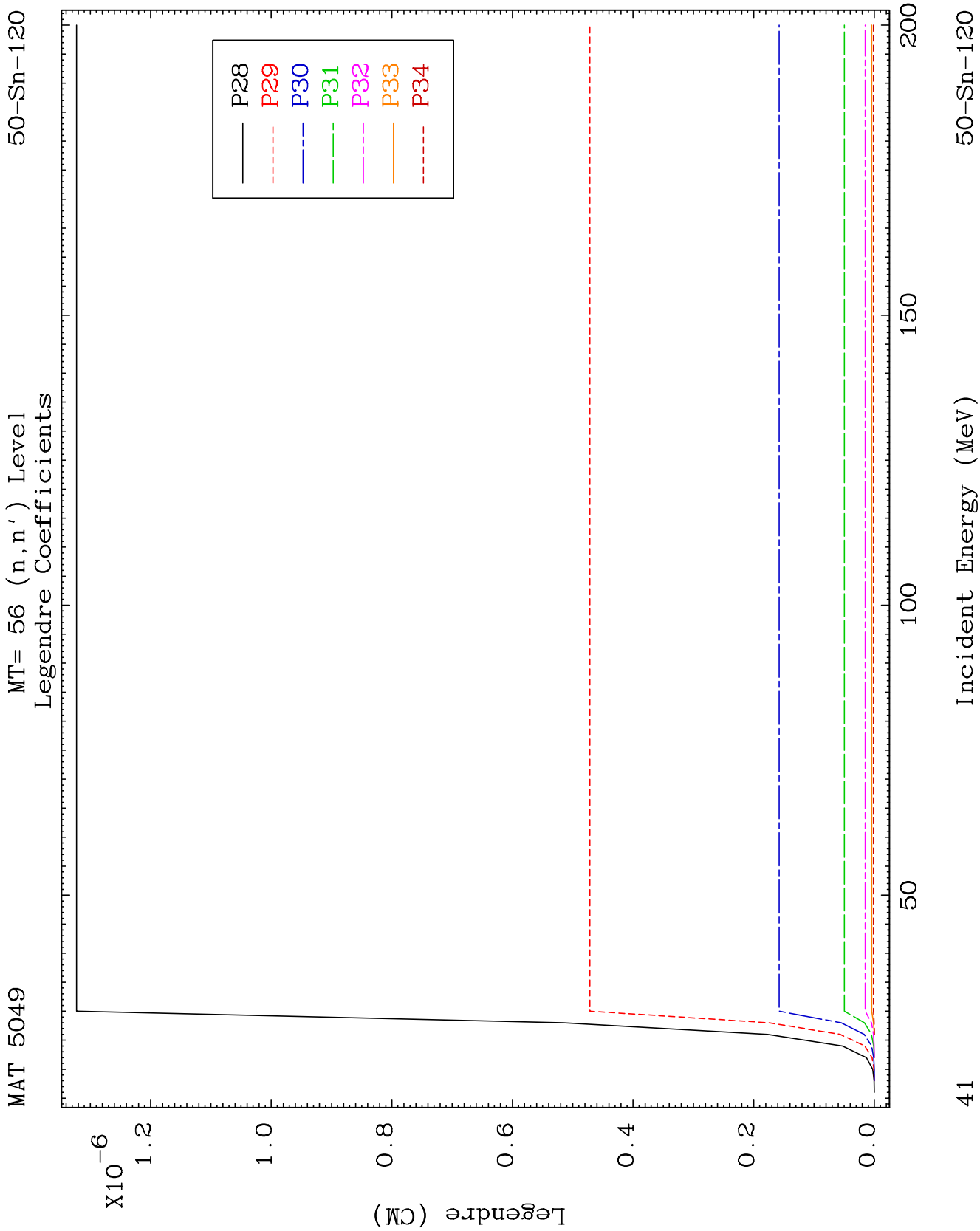
MAT 5049

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

50-Sn-120



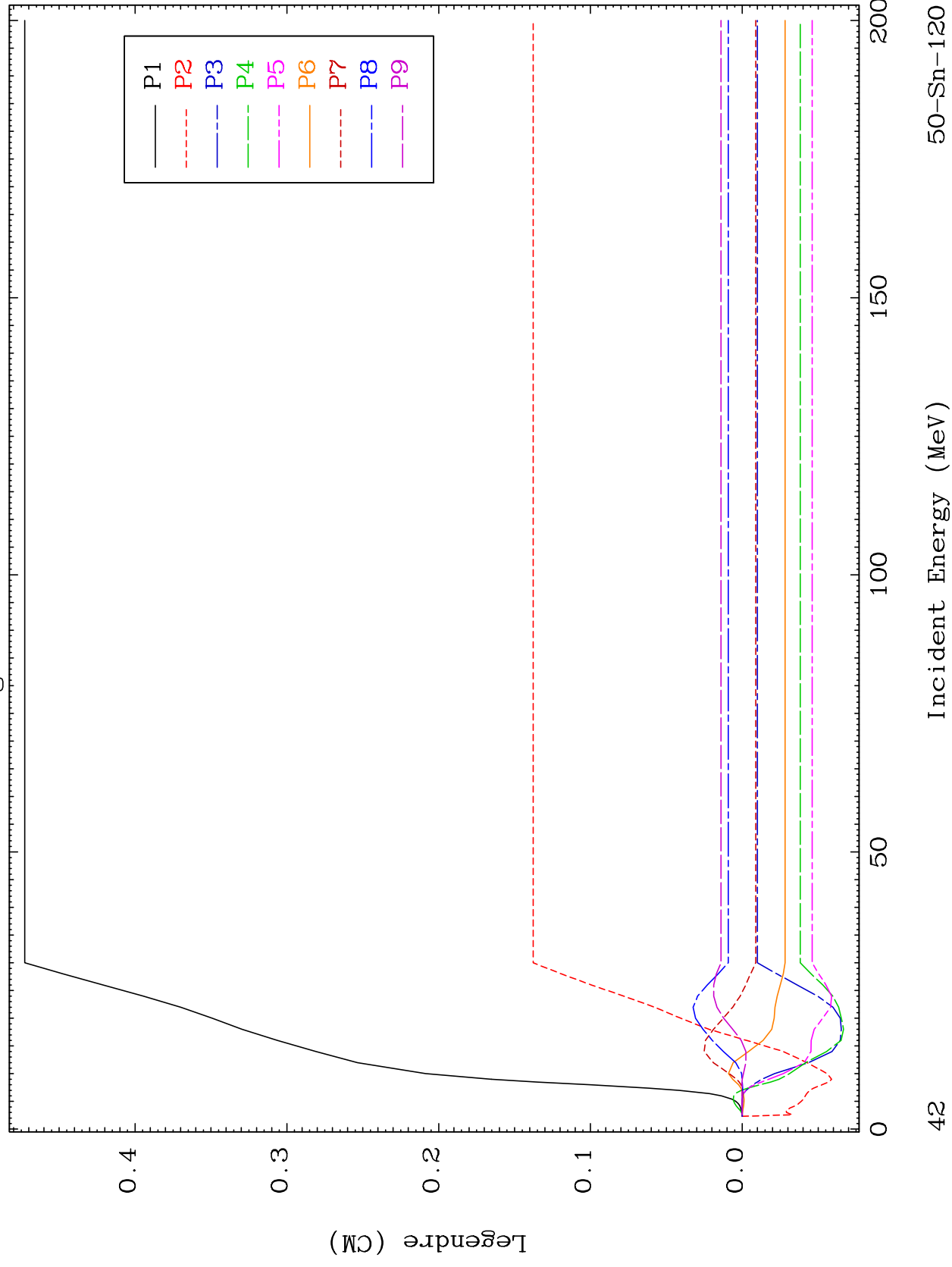


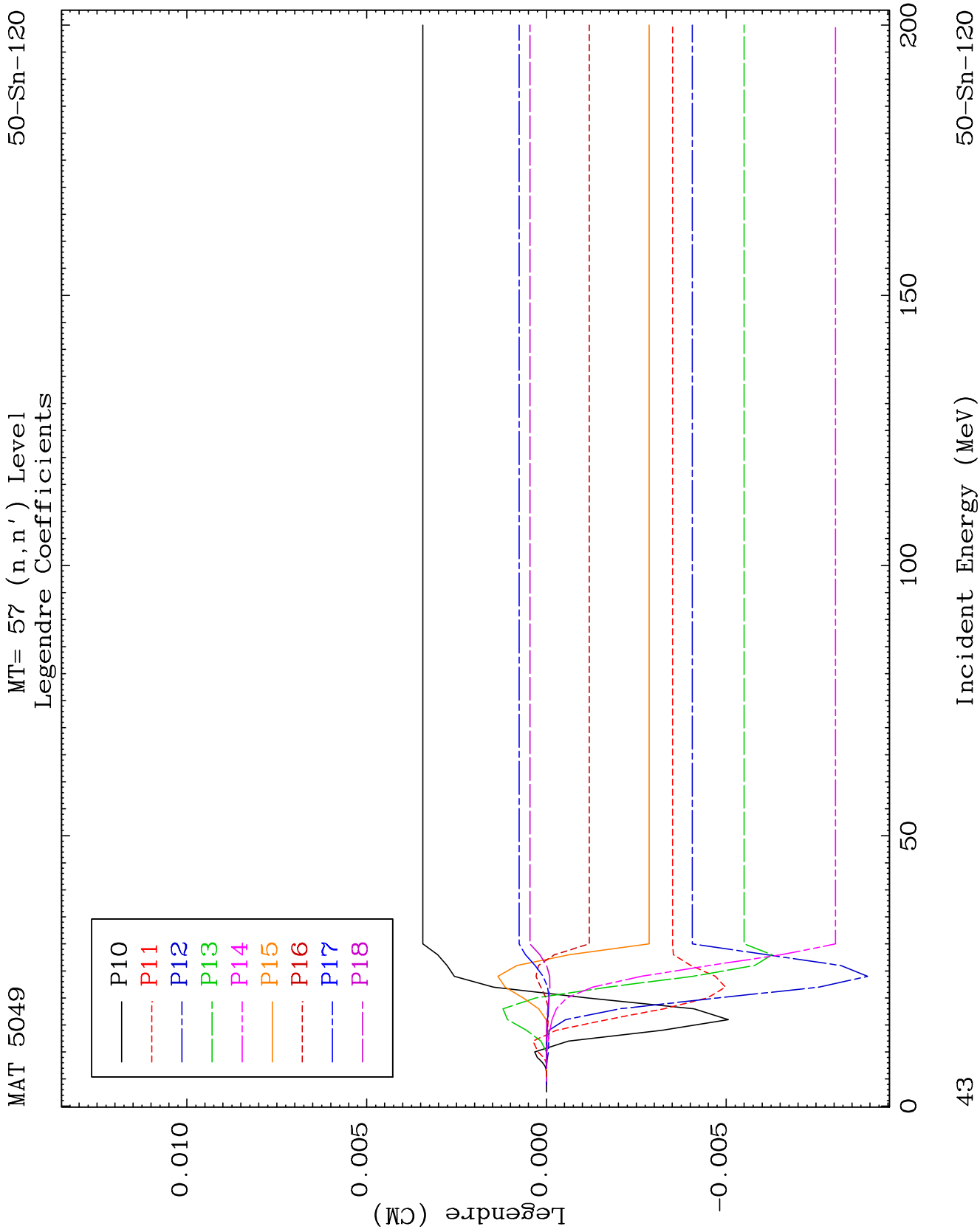


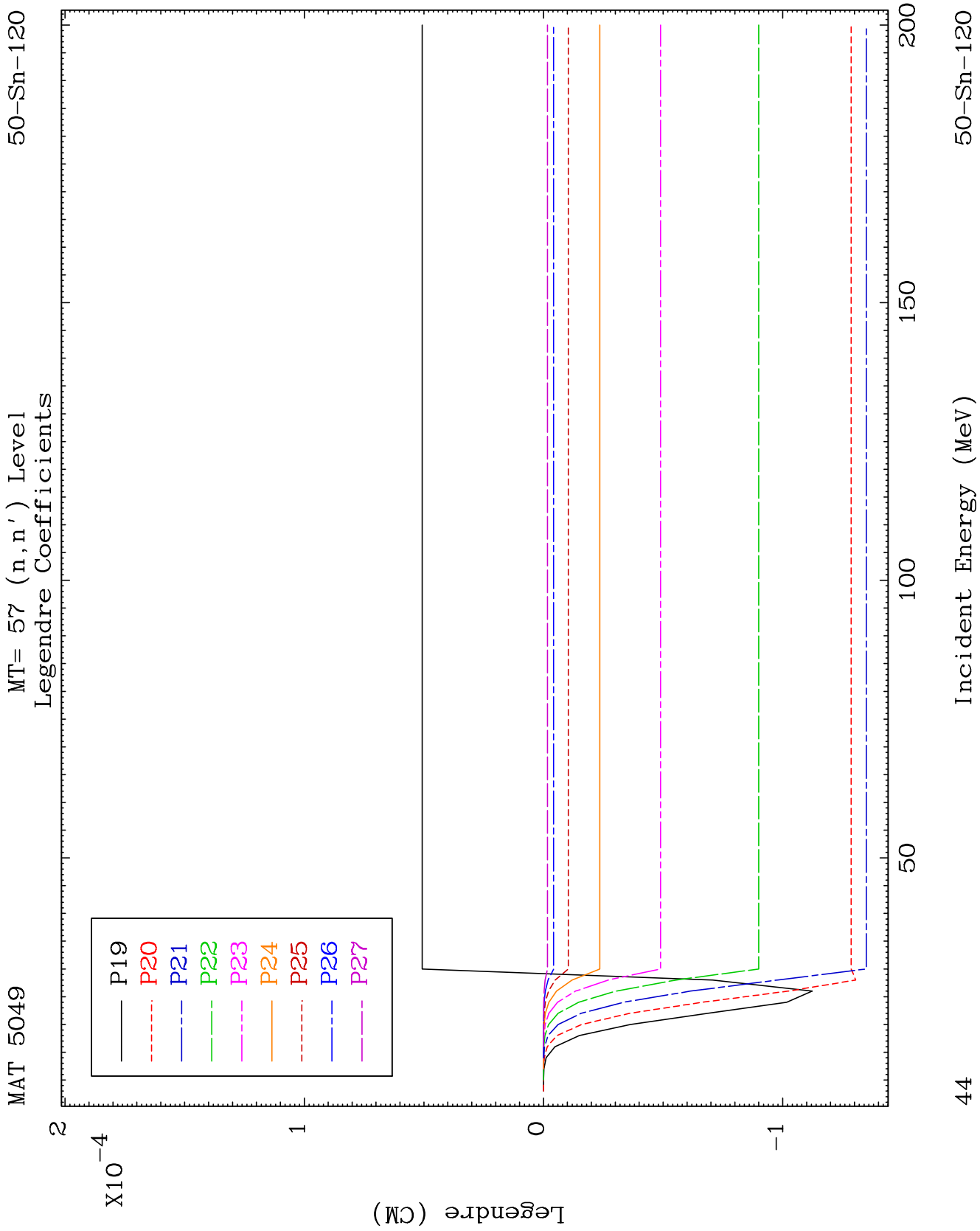
MAT 5049

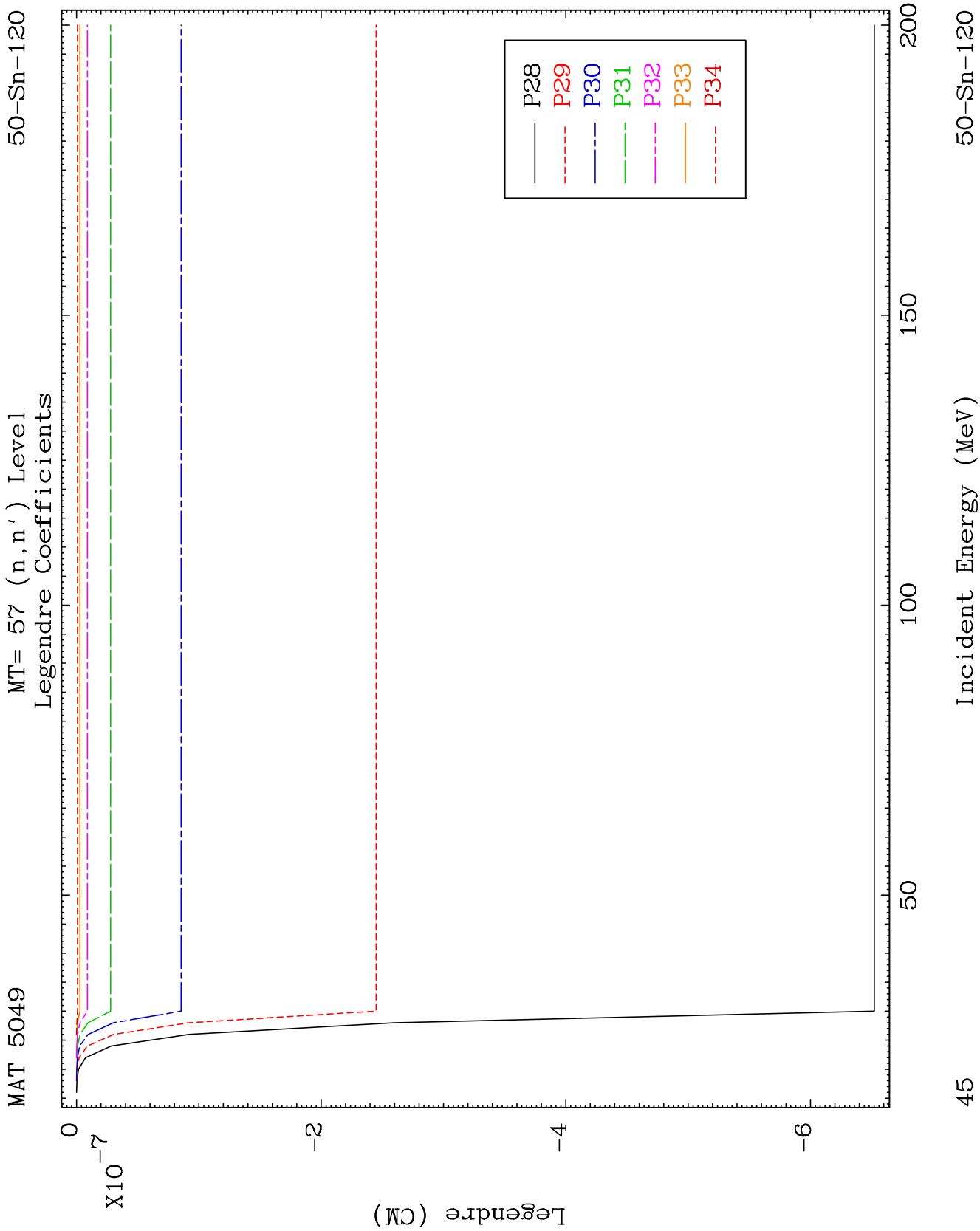
MT= 57 (n, n') Level
Legendre Coefficients

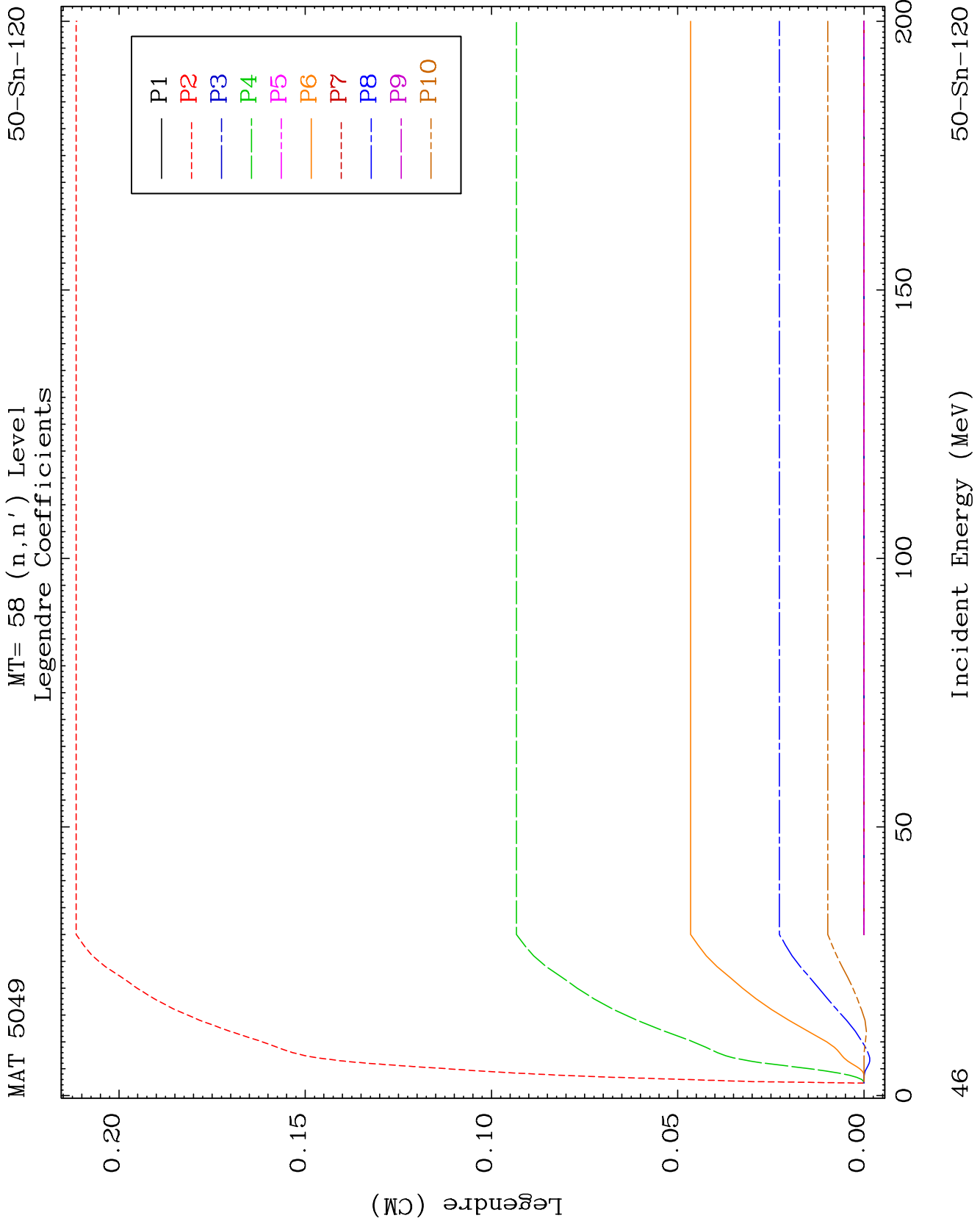
50-Sn-120

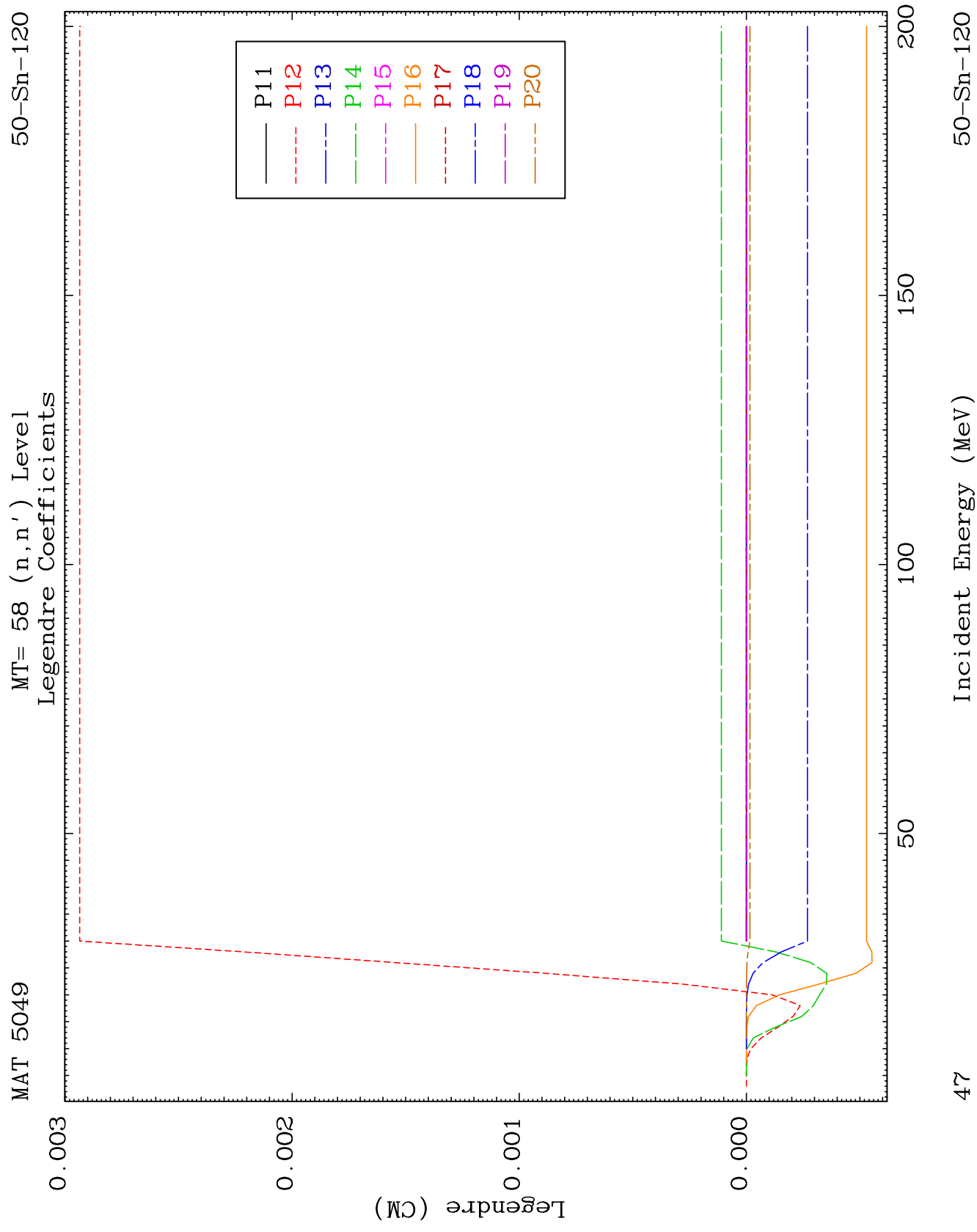


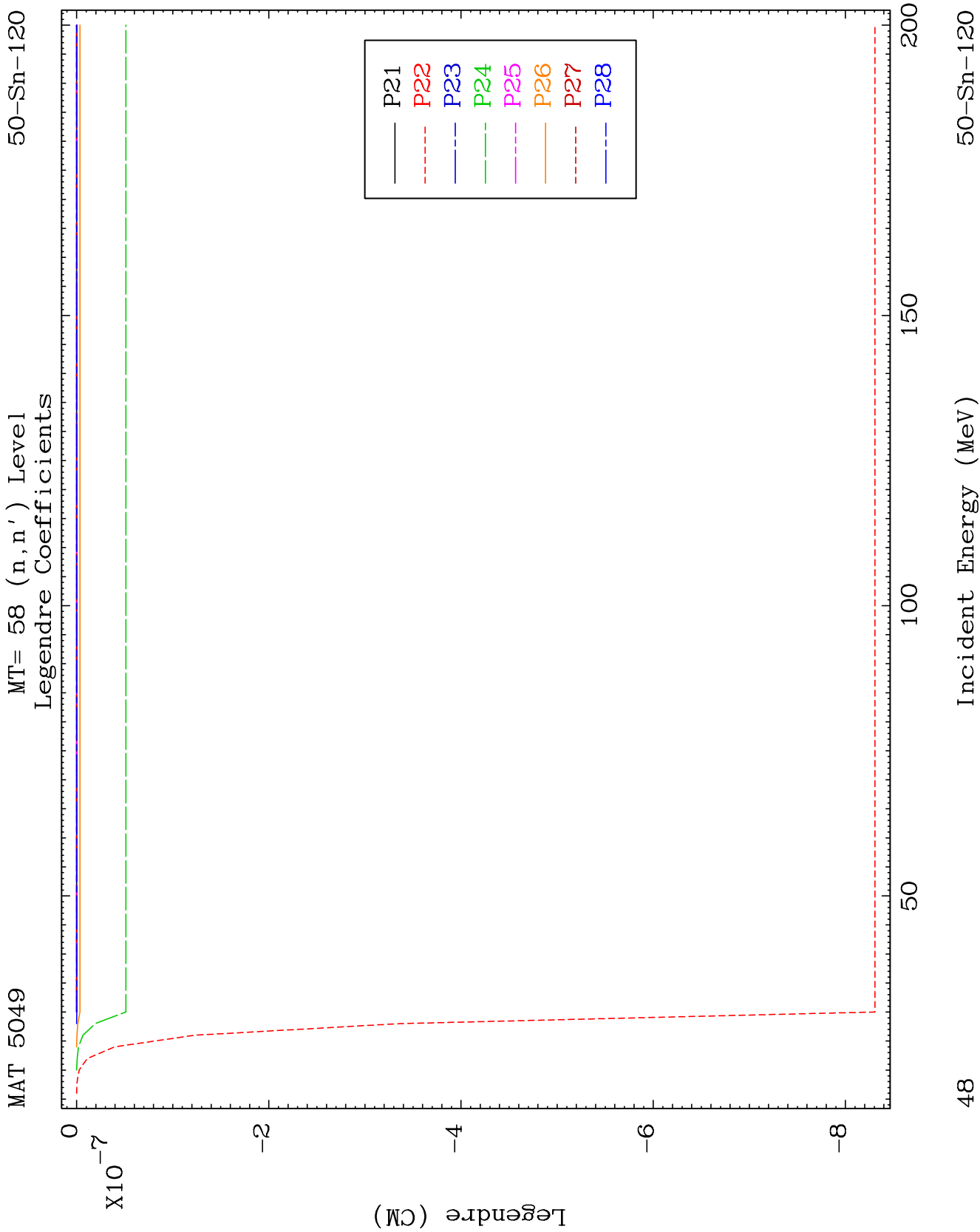


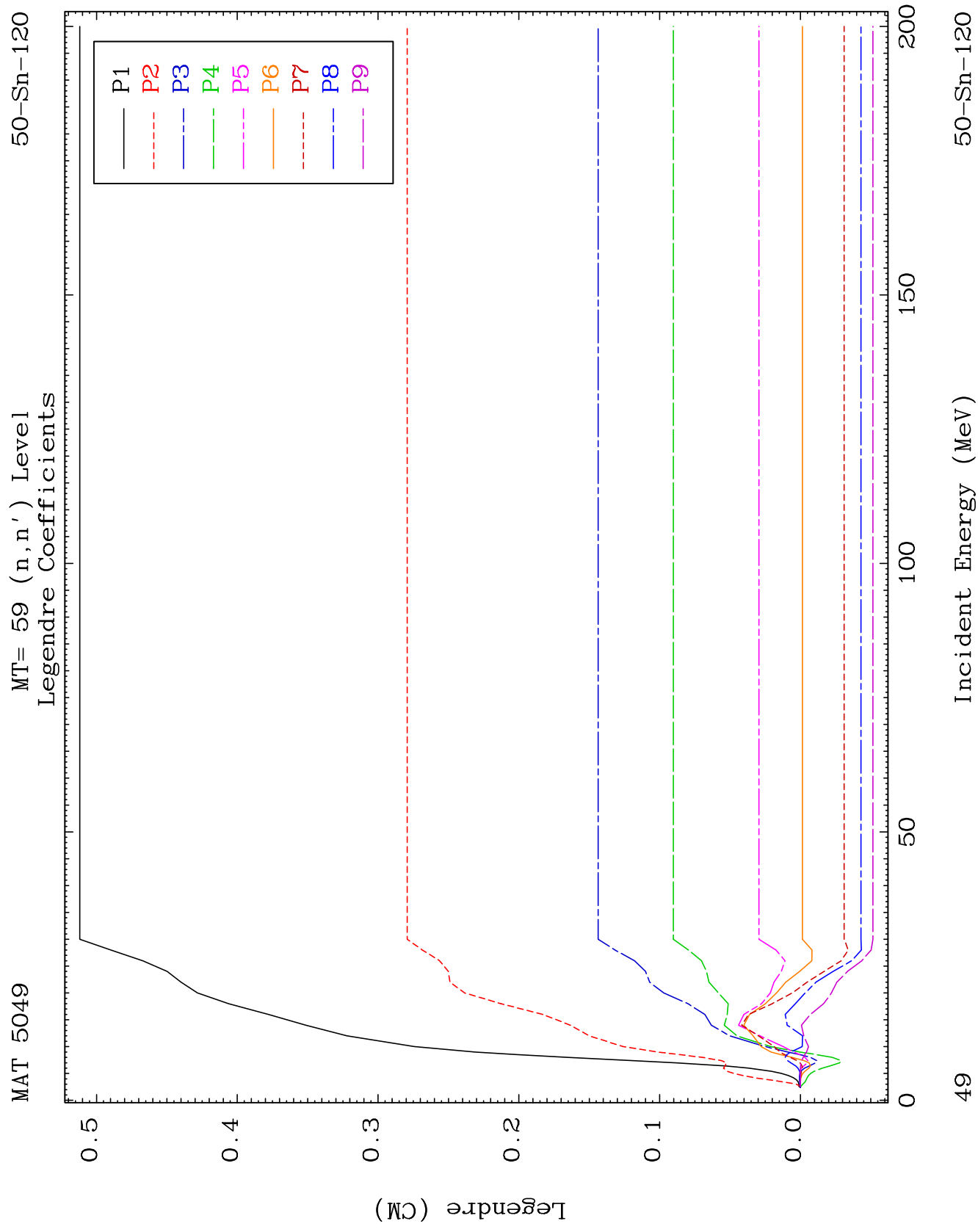


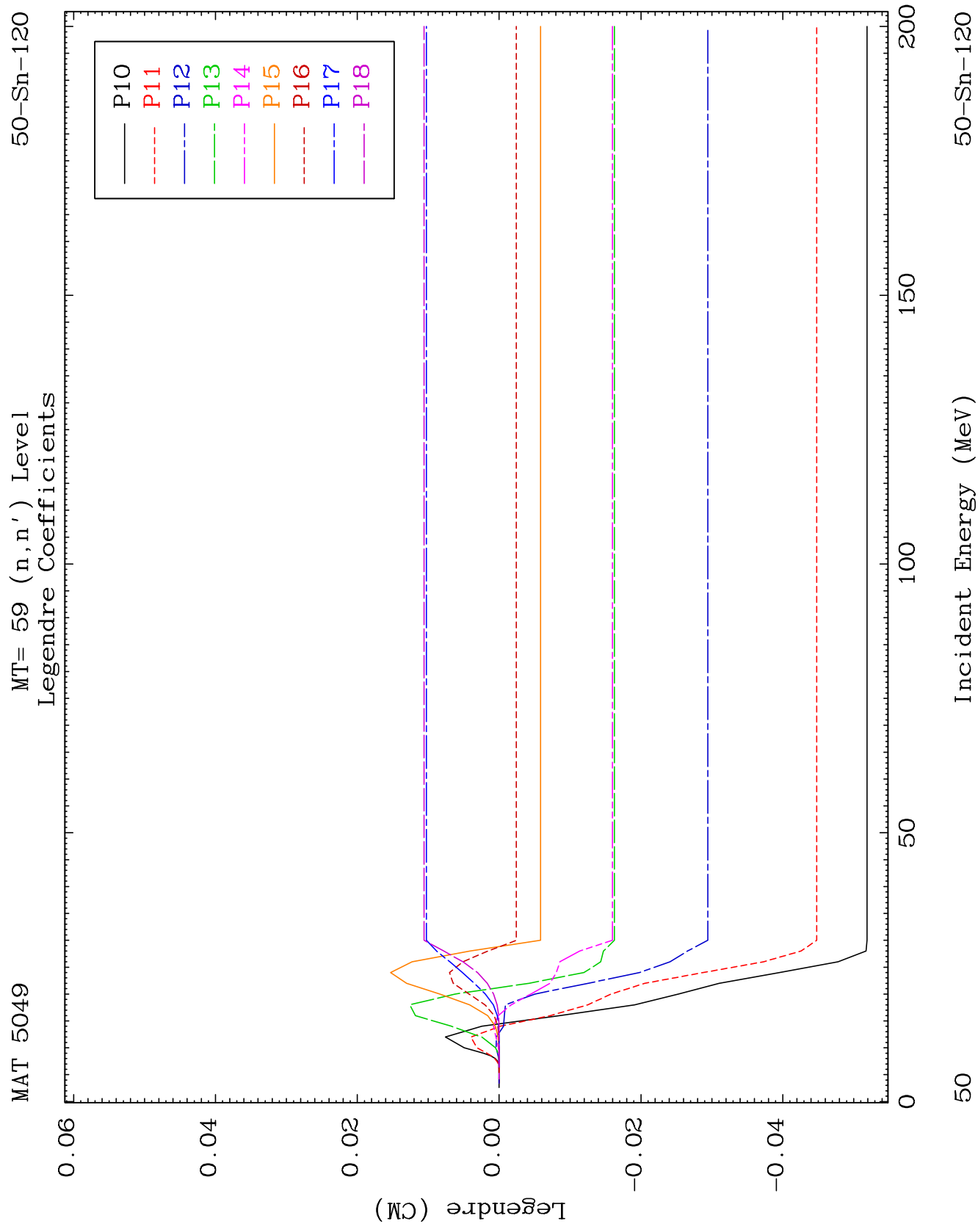


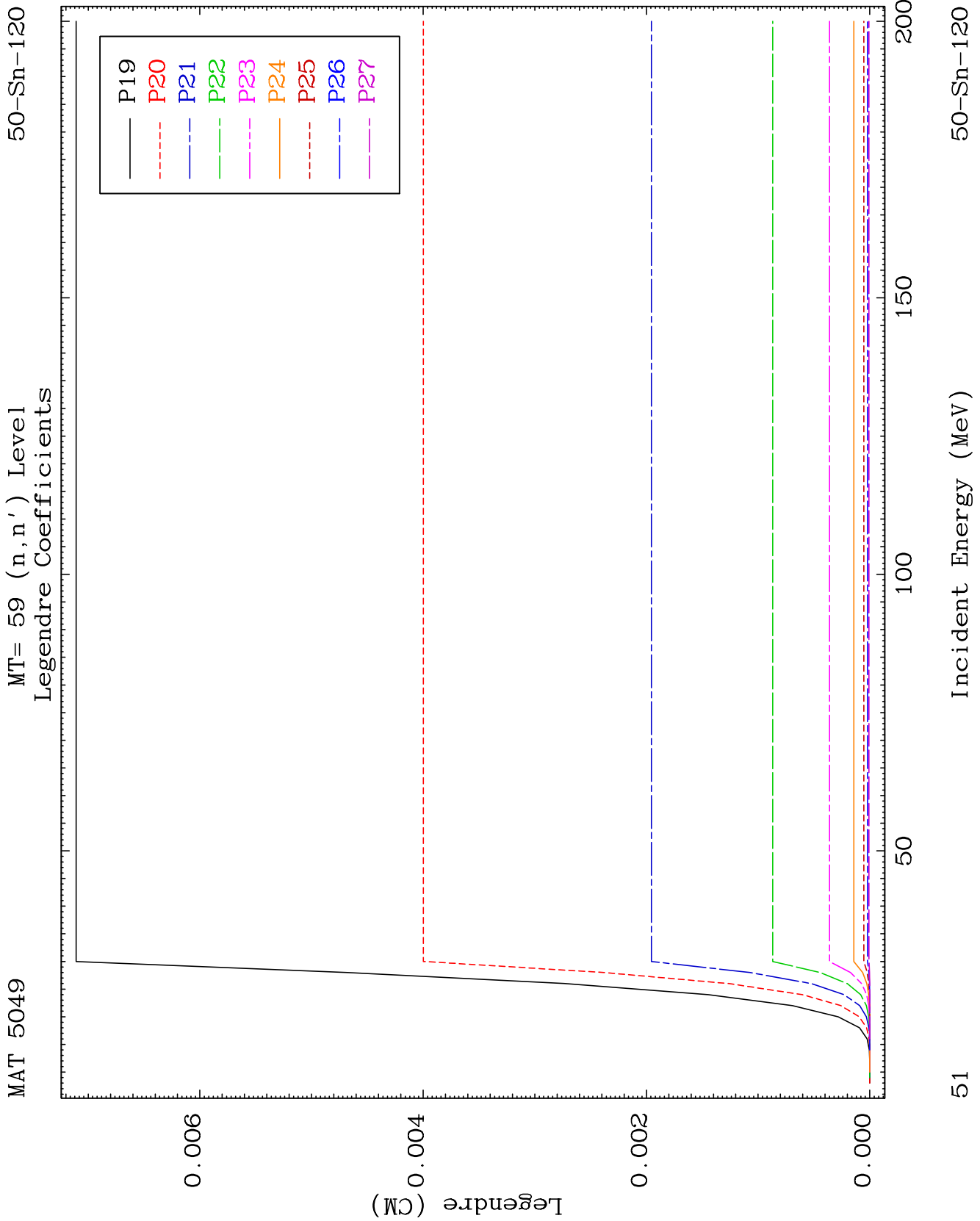


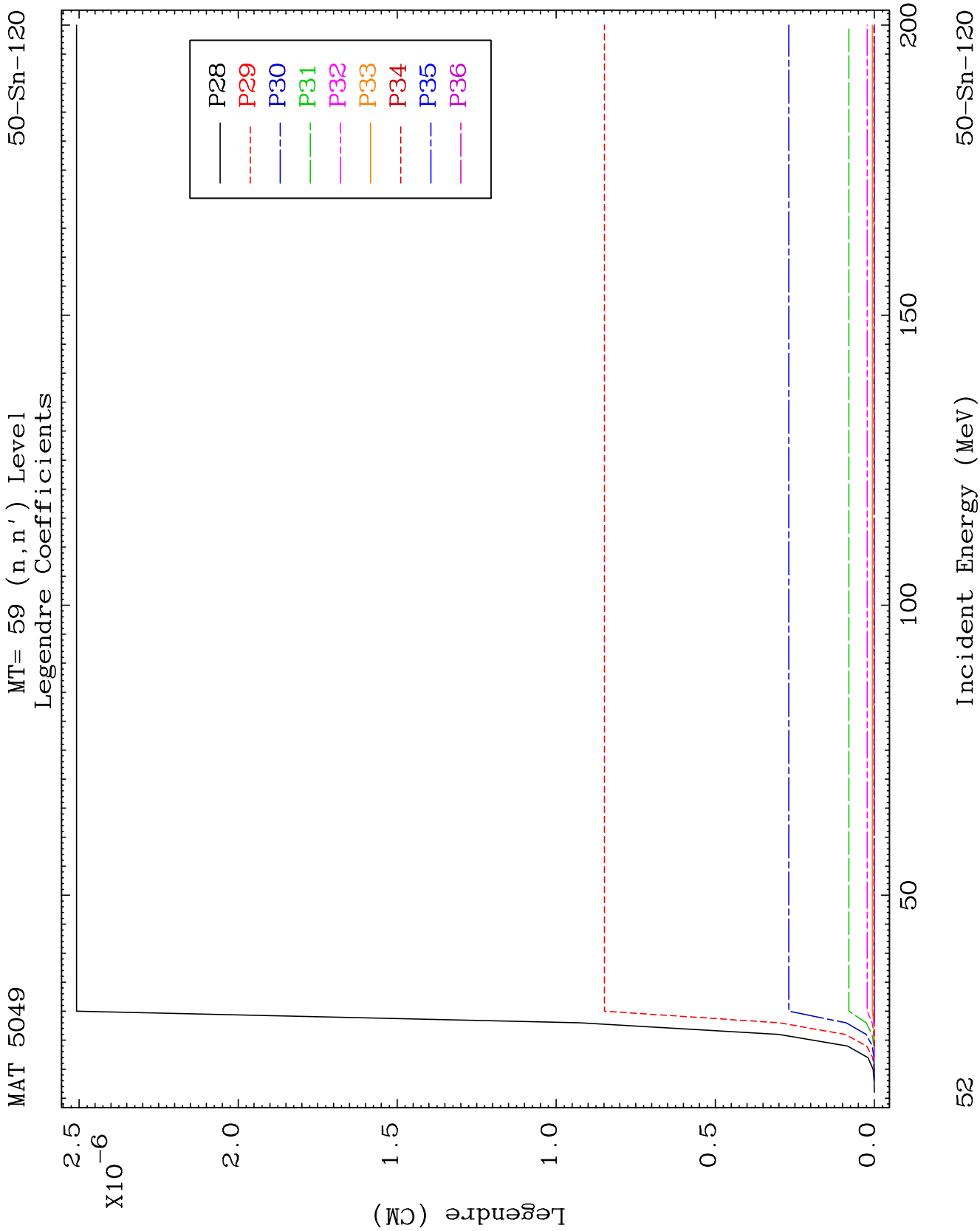








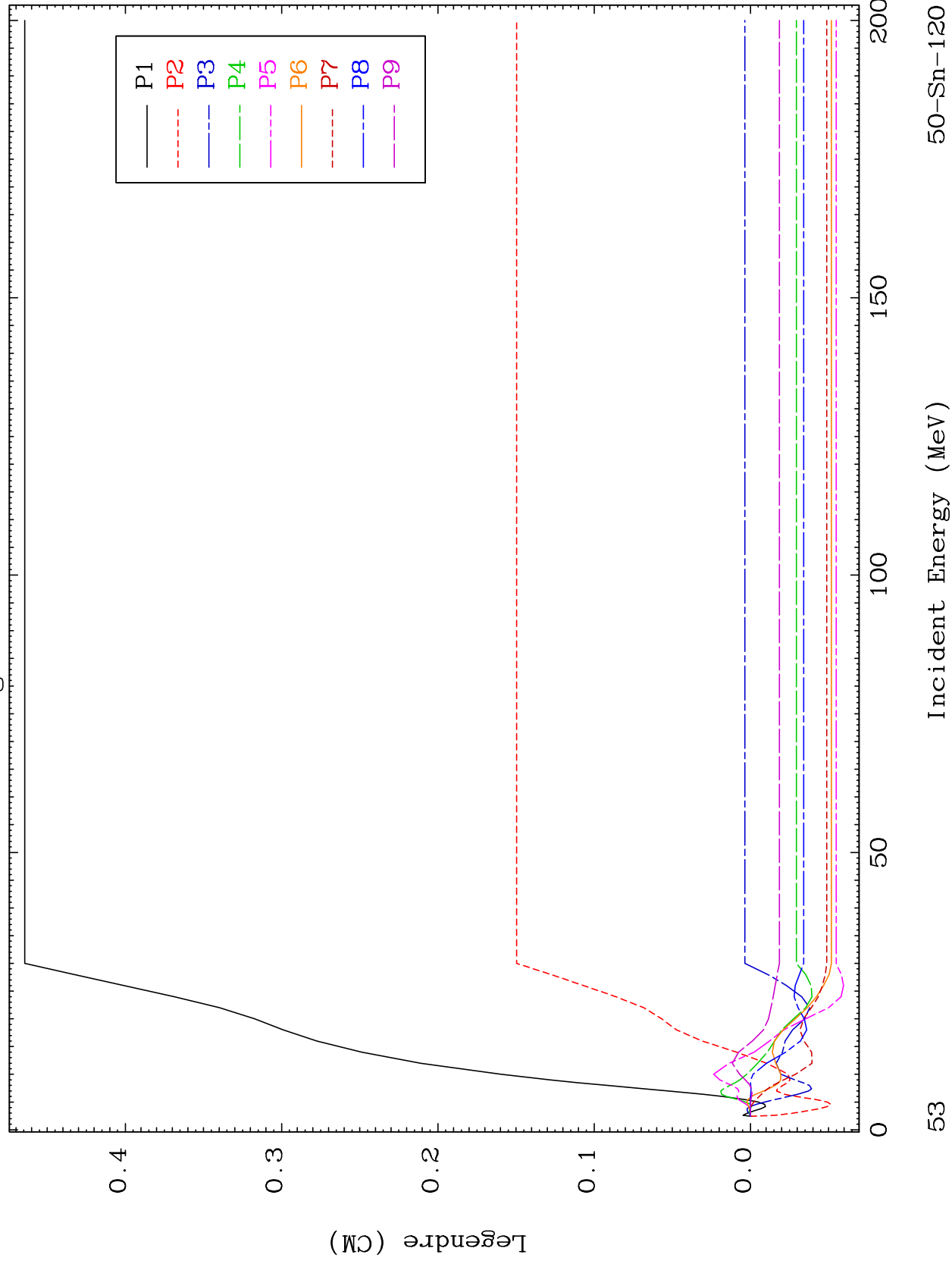


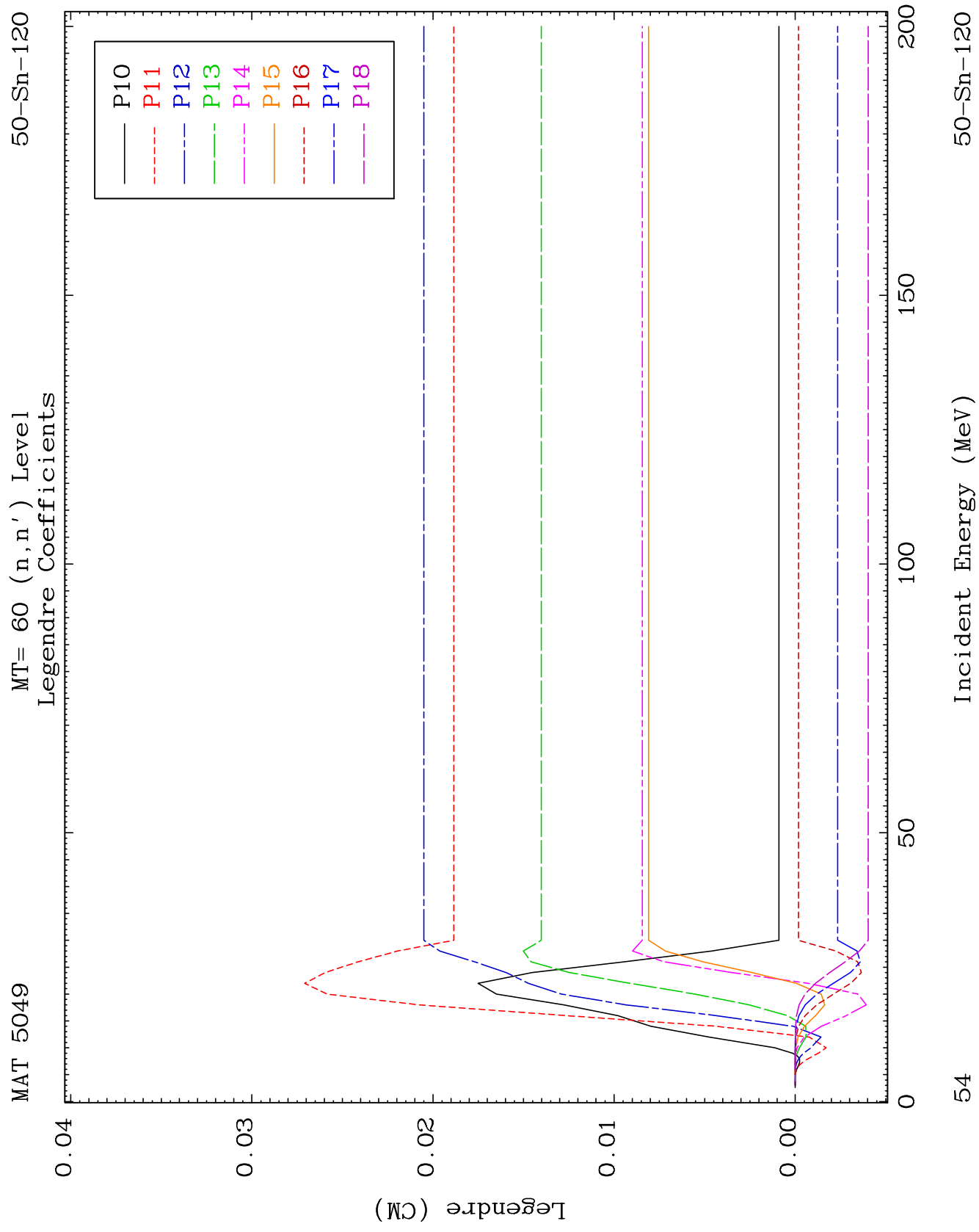


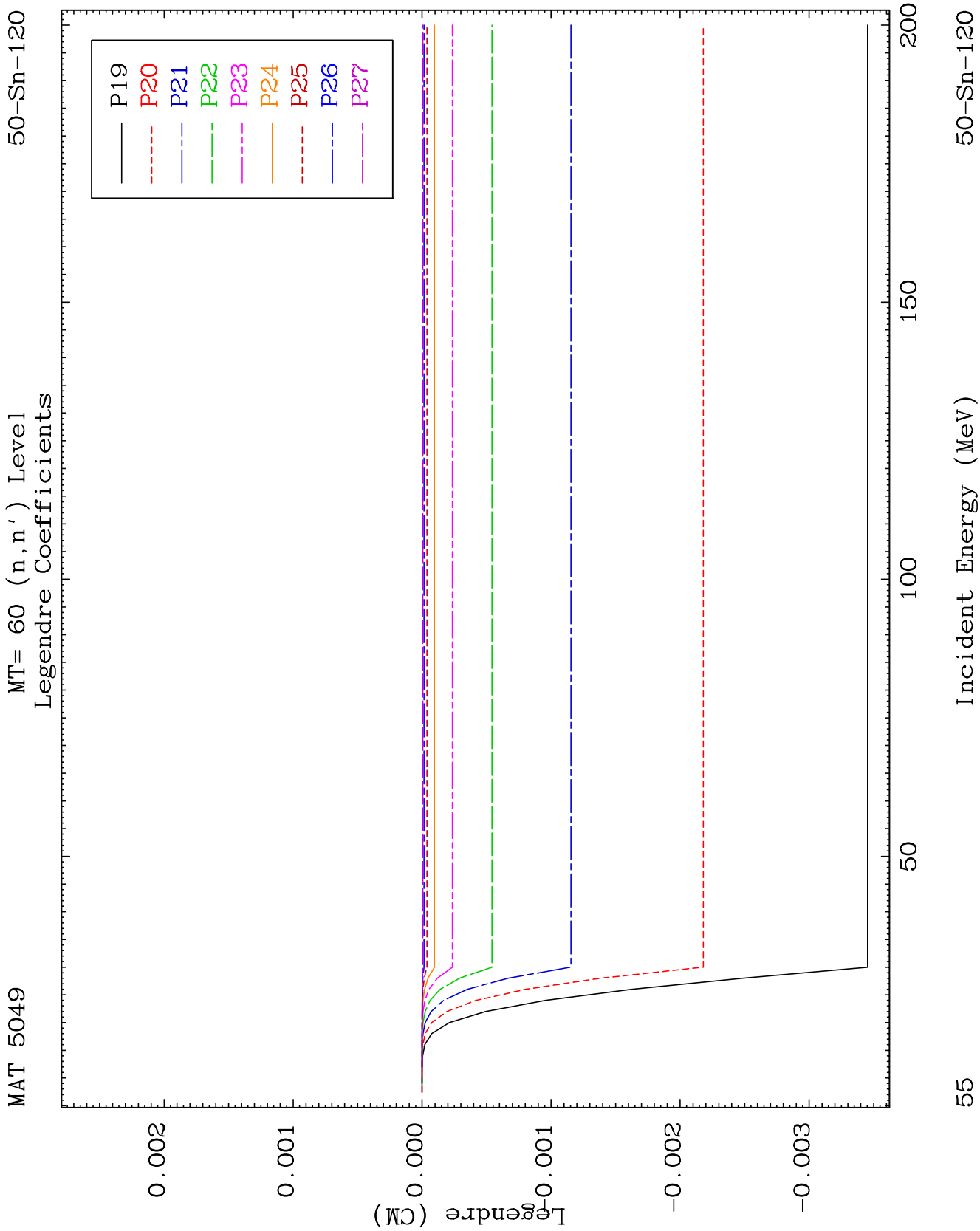
MAT 5049

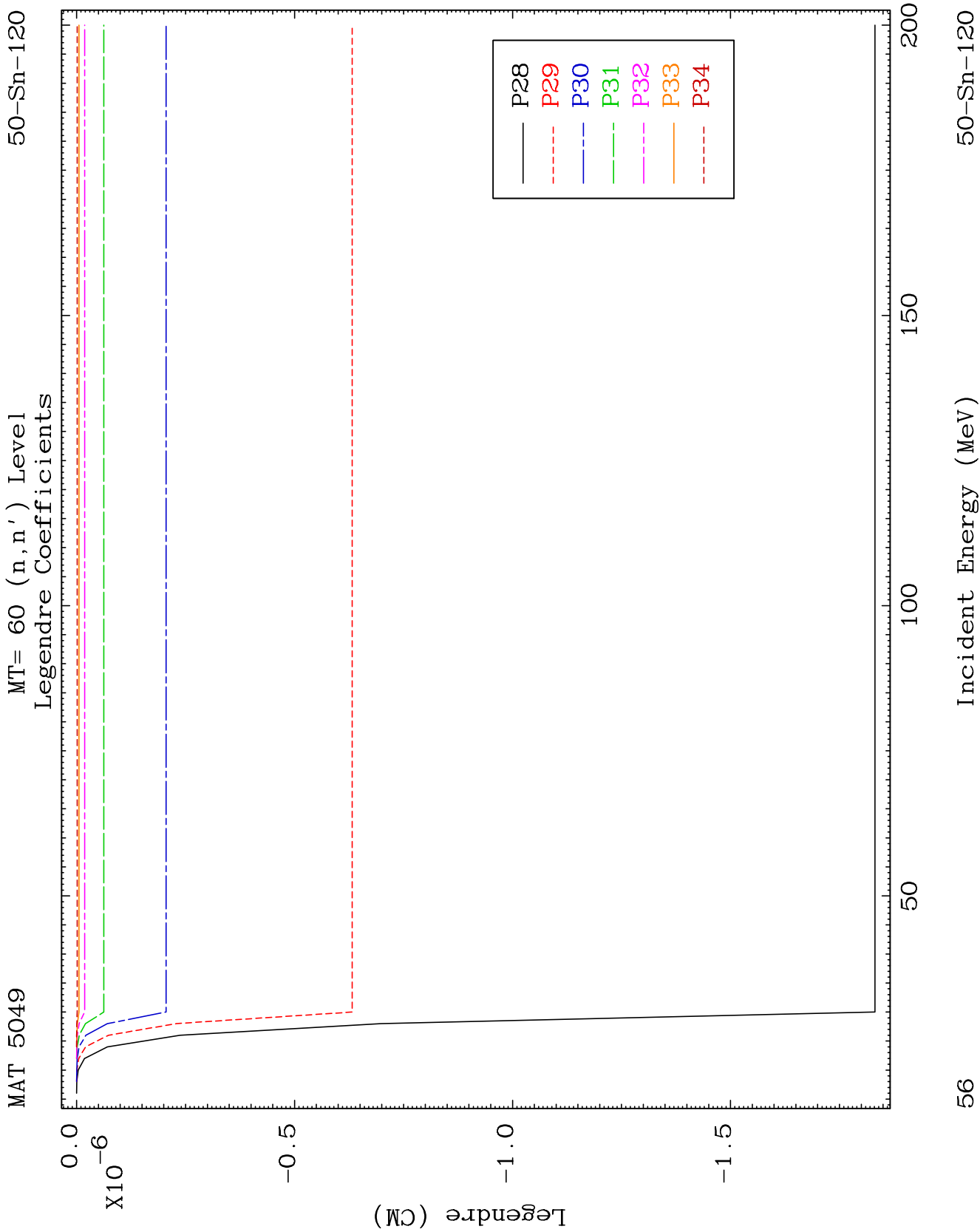
MT= 60 (n, n') Level
Legendre Coefficients

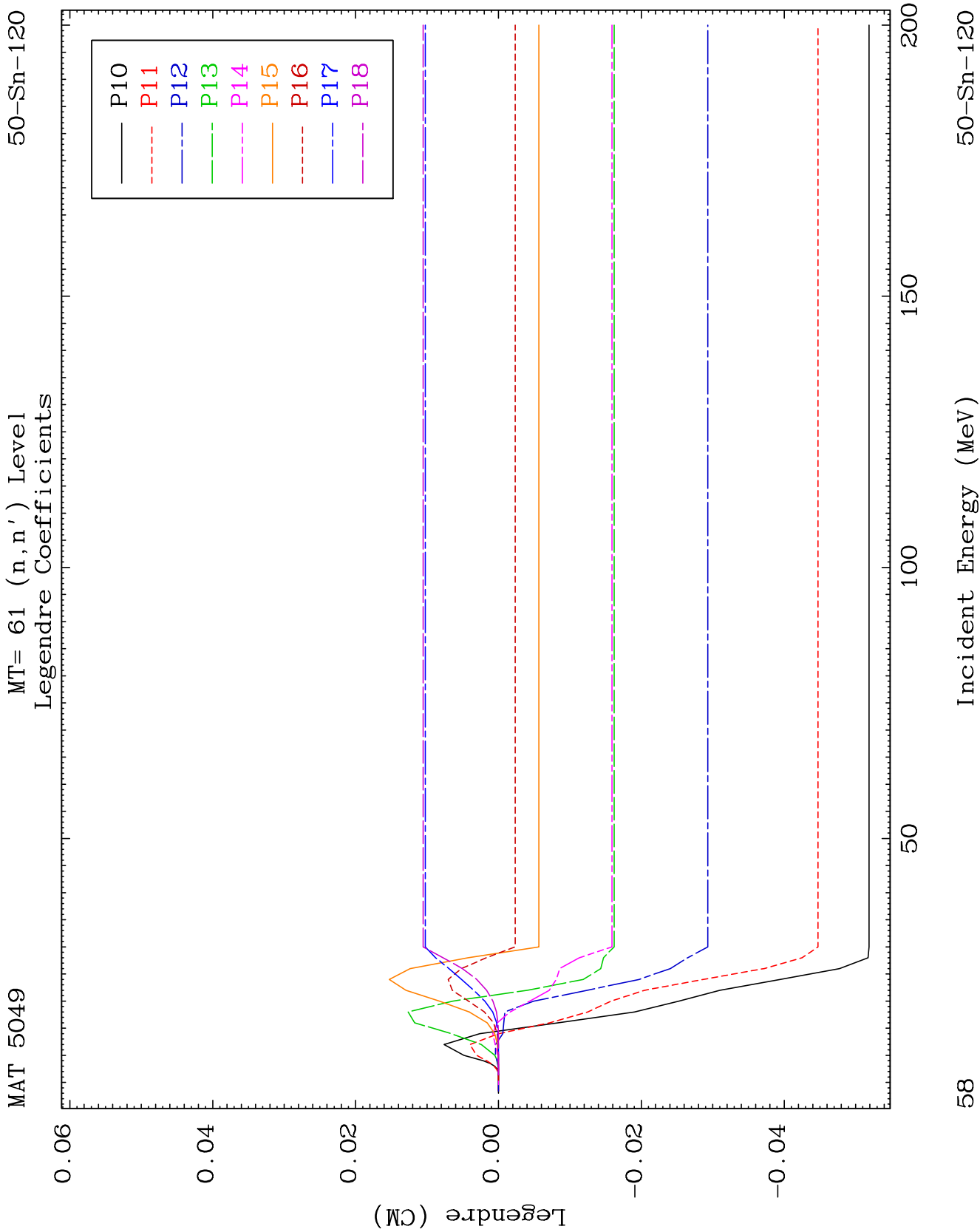
50-Sn-120

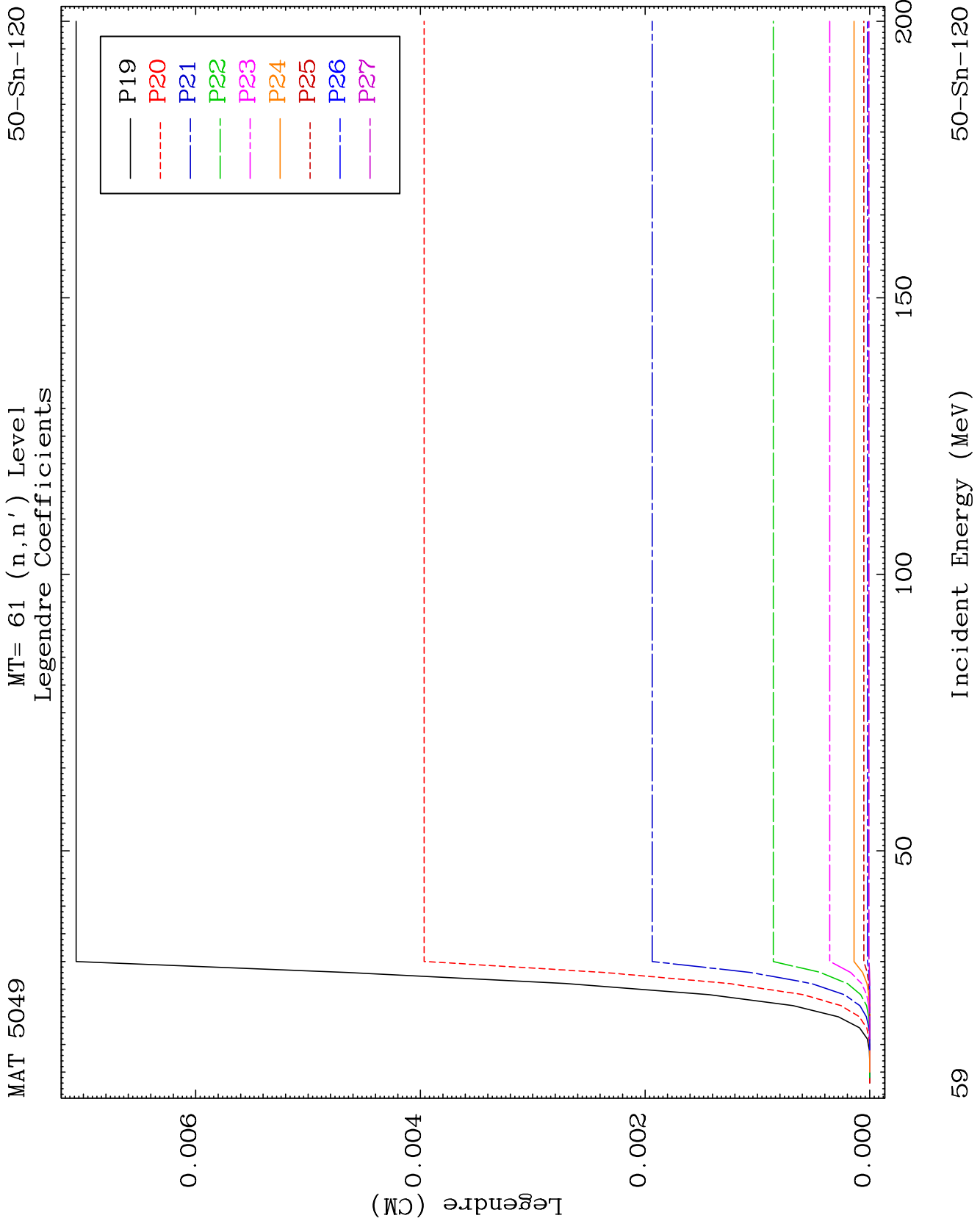


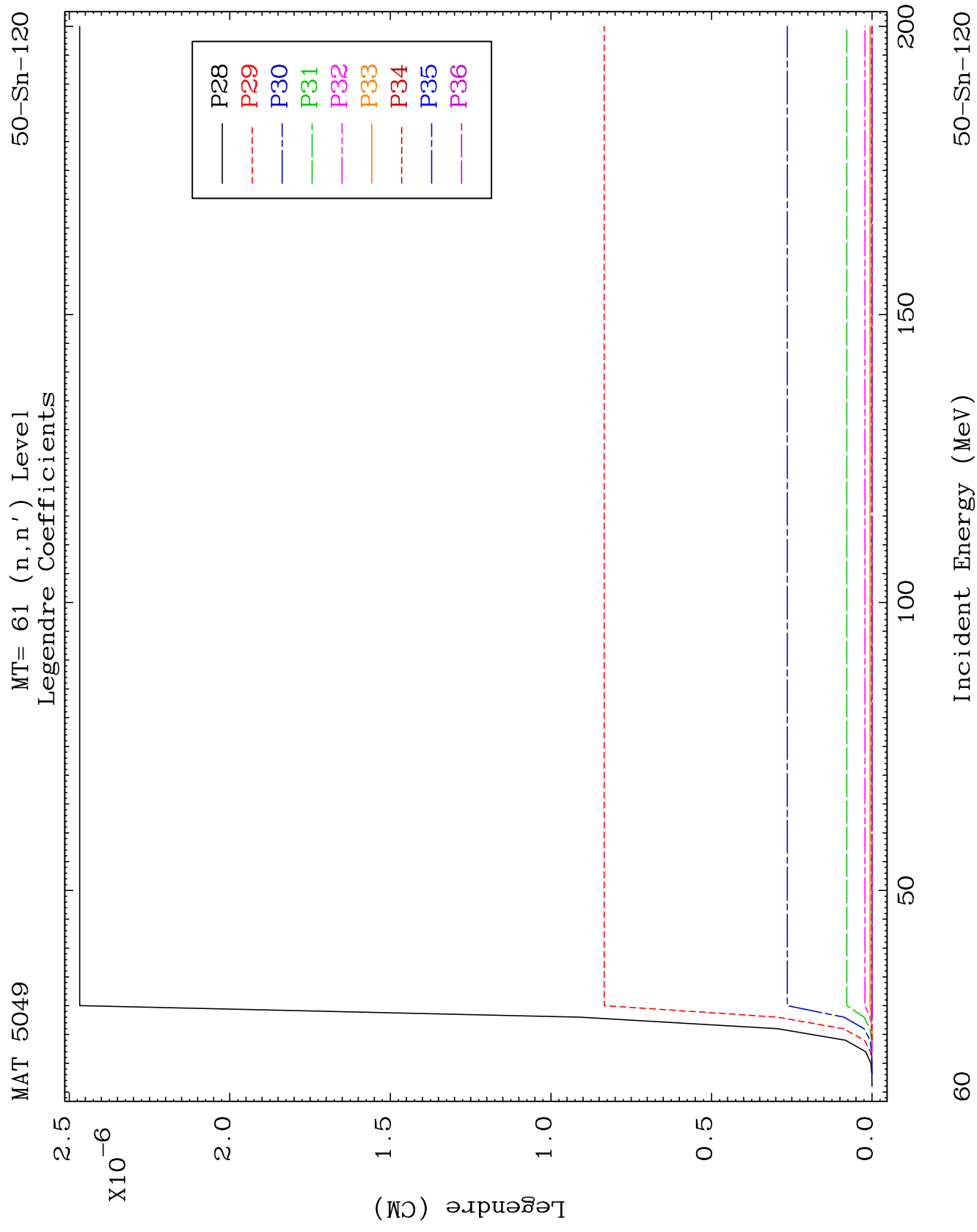








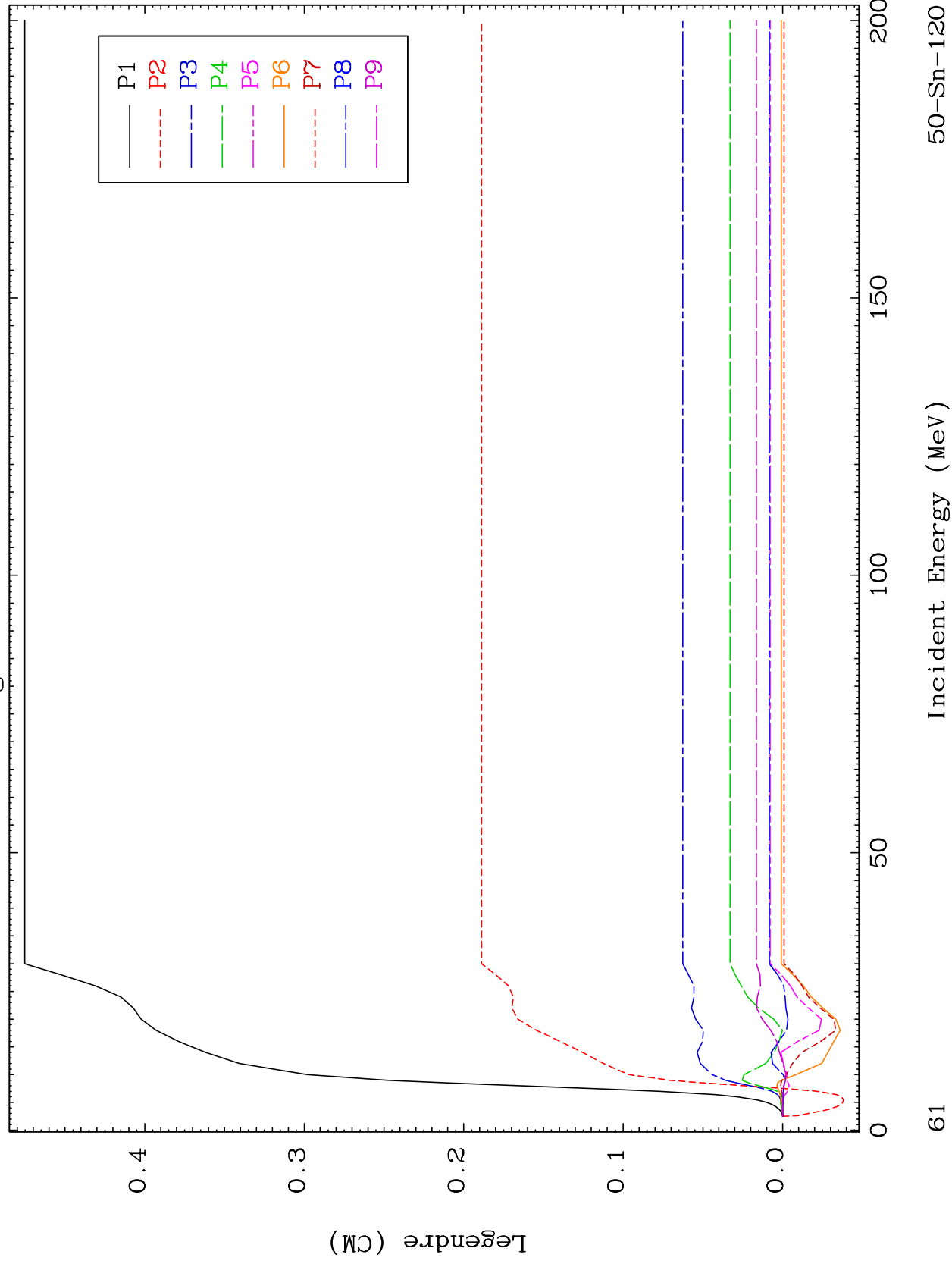


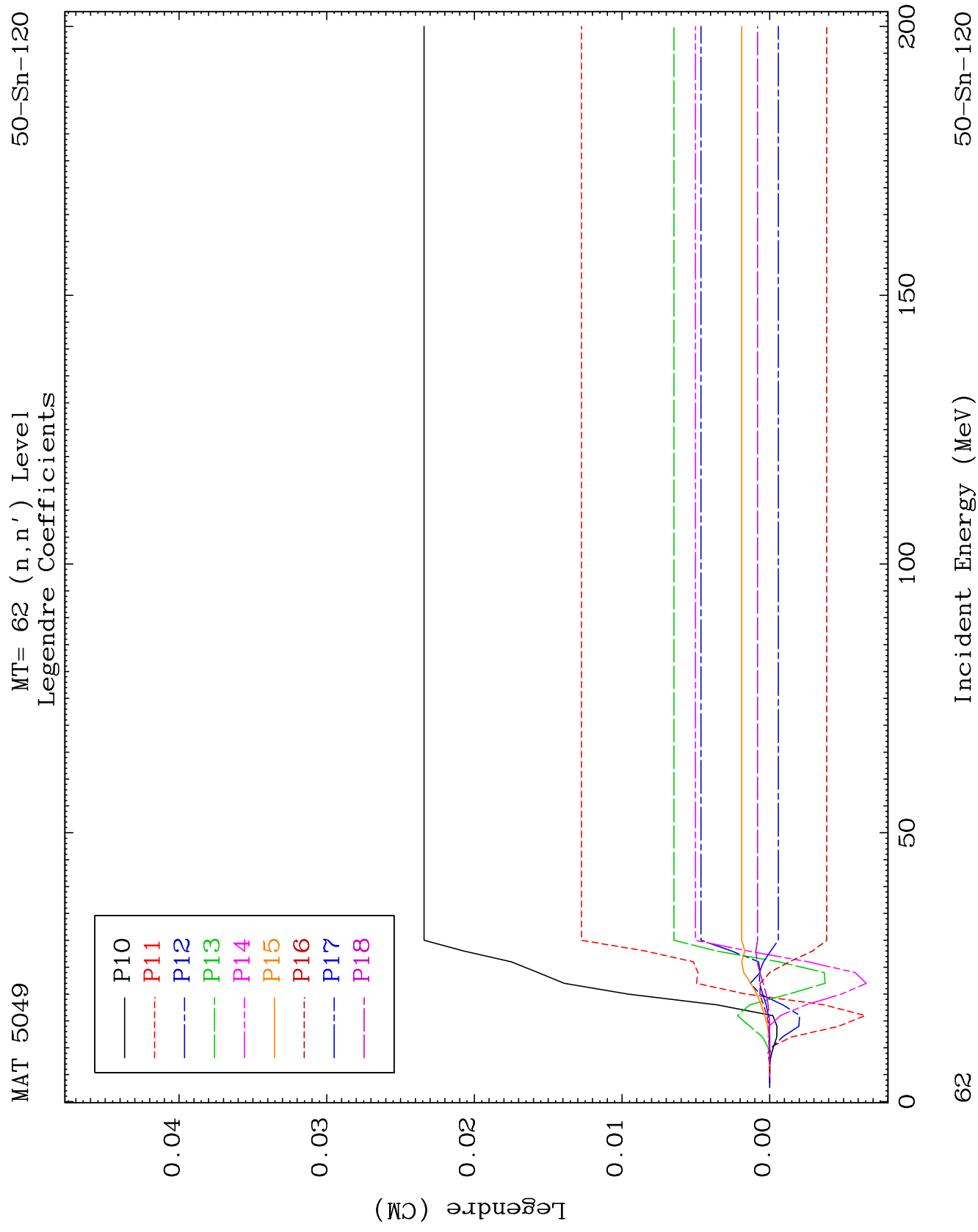


MAT 5049

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

50-Sn-120

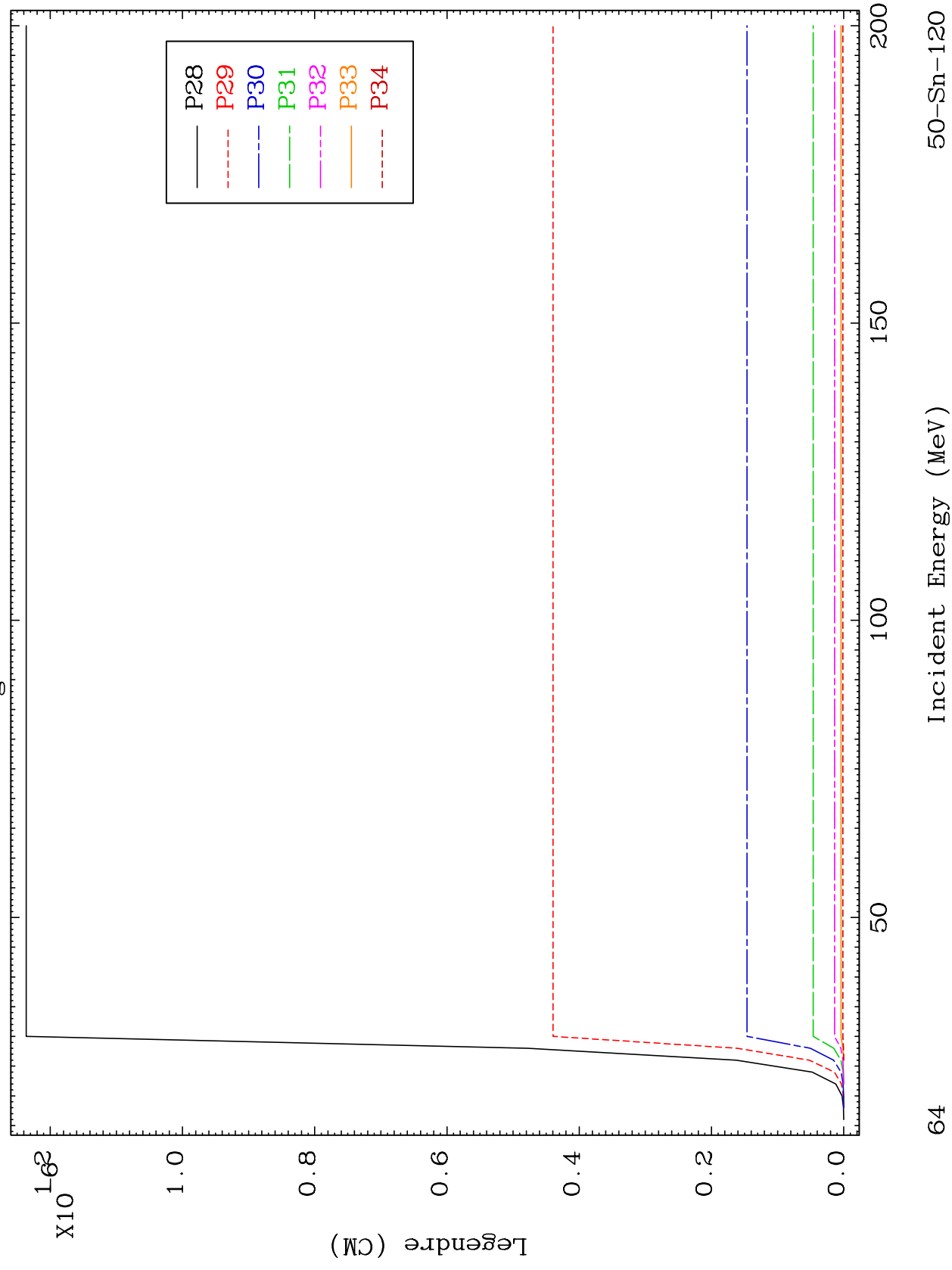




MAT 5049

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

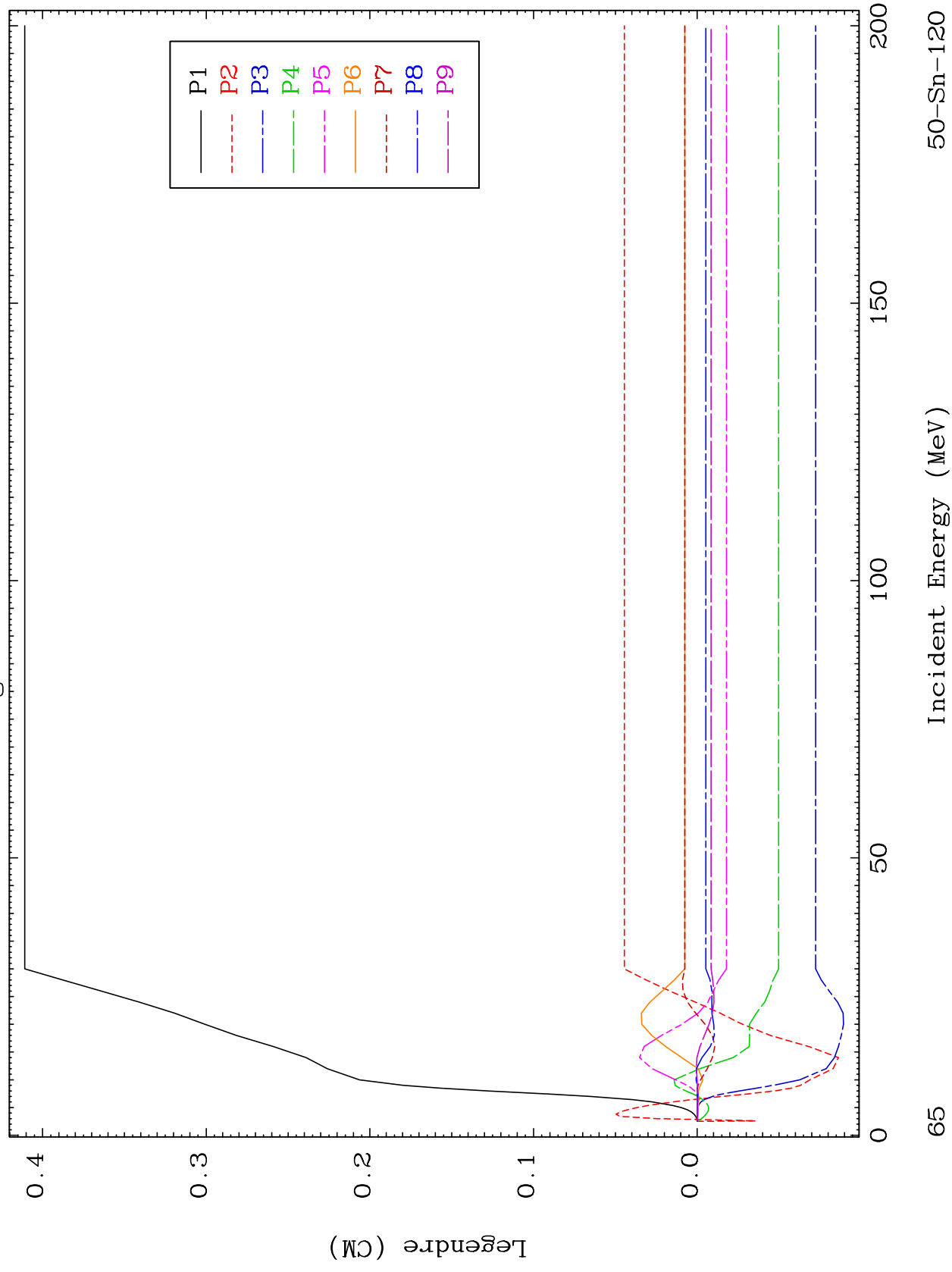
50-Sn-120



MAT 5049

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

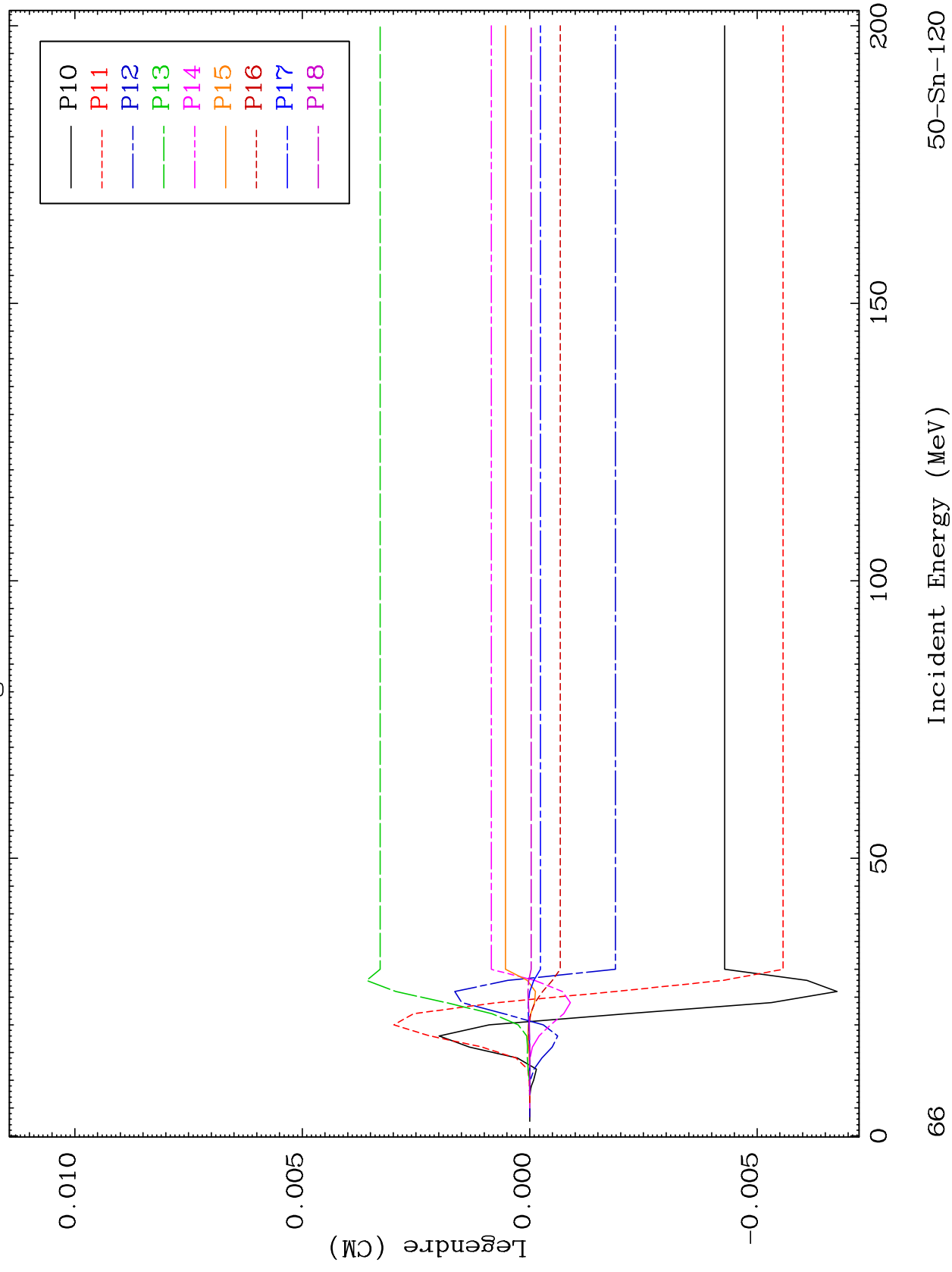
50-Sn-120

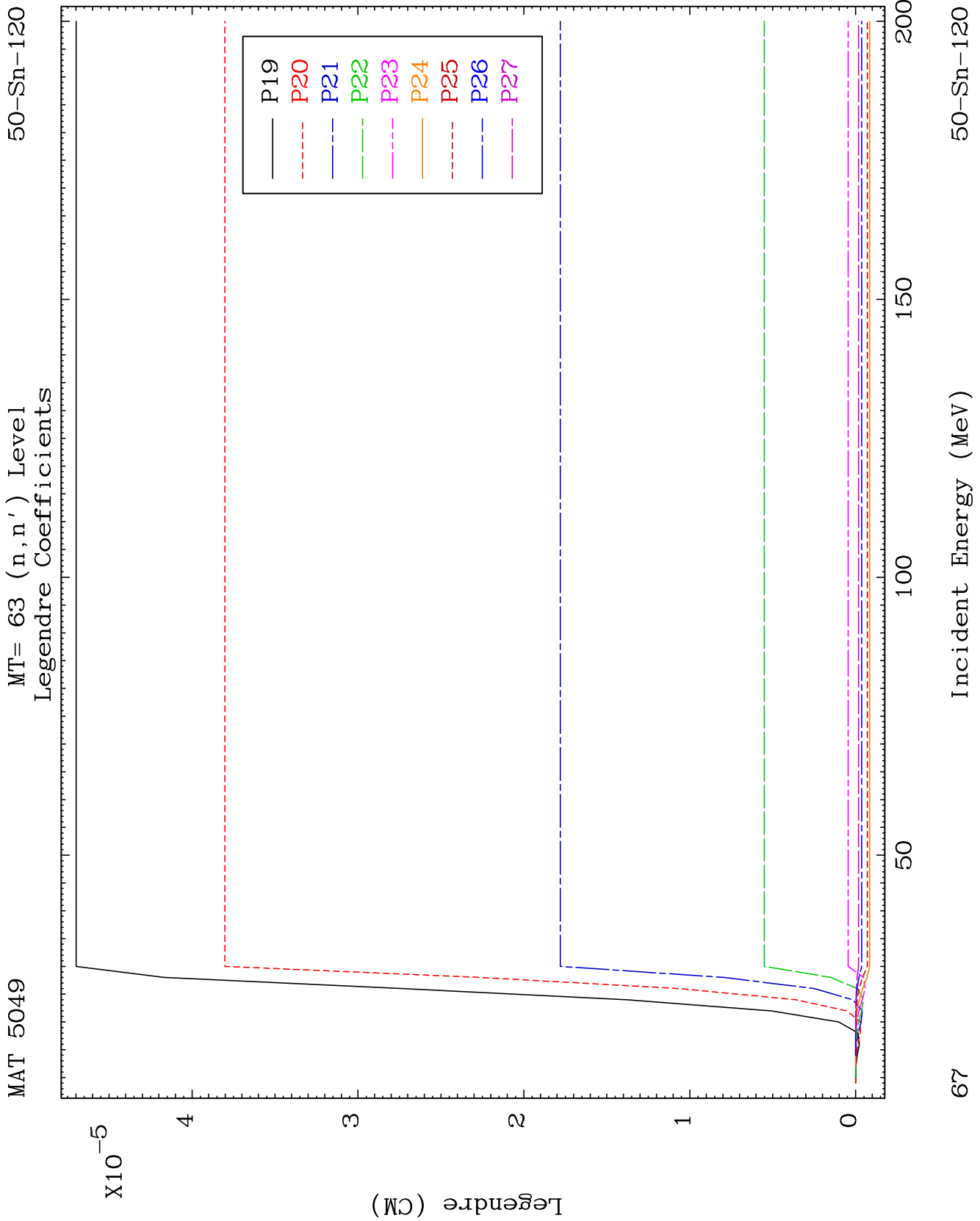


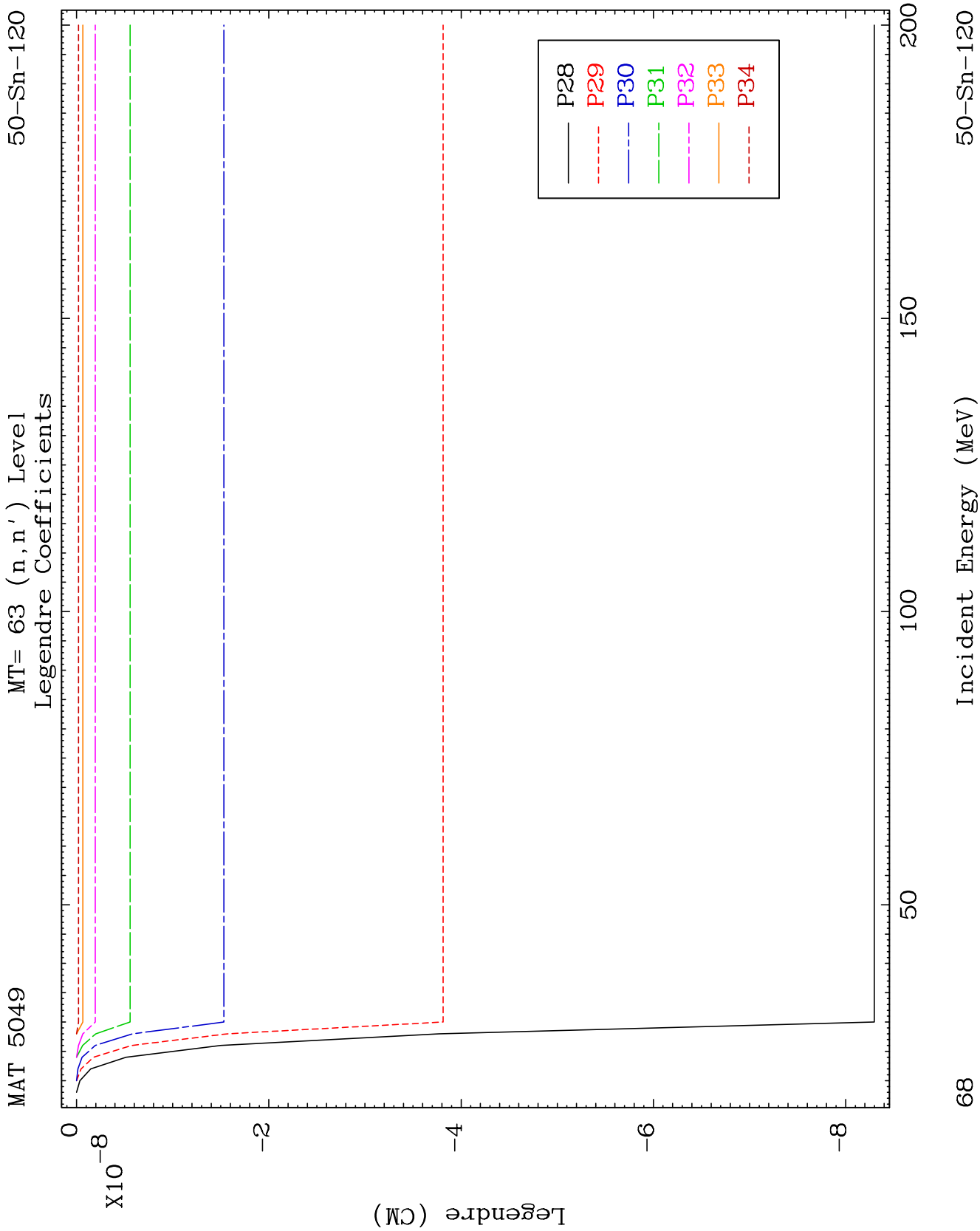
MAT 5049

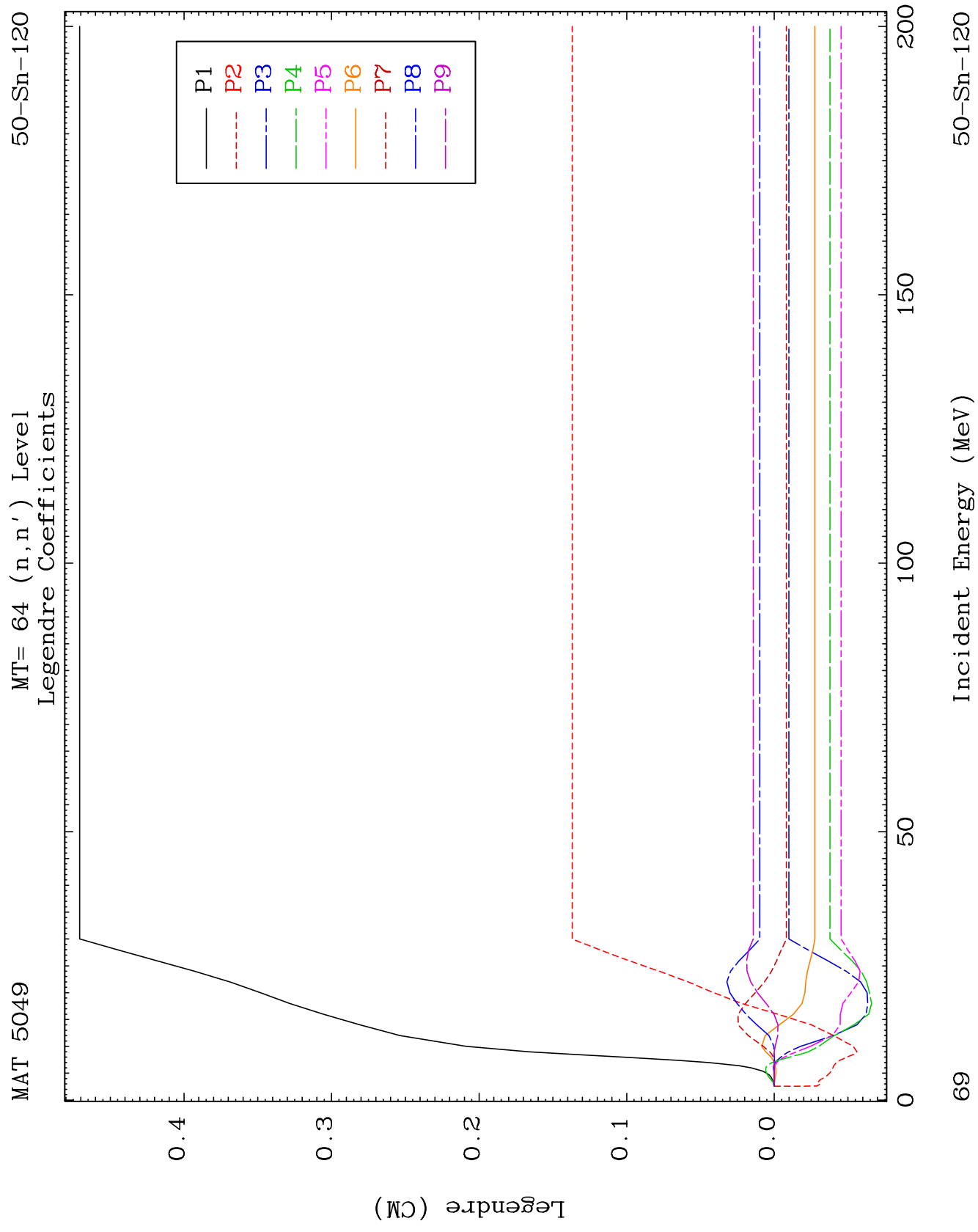
MT= 63 (n, n') Level
Legendre Coefficients

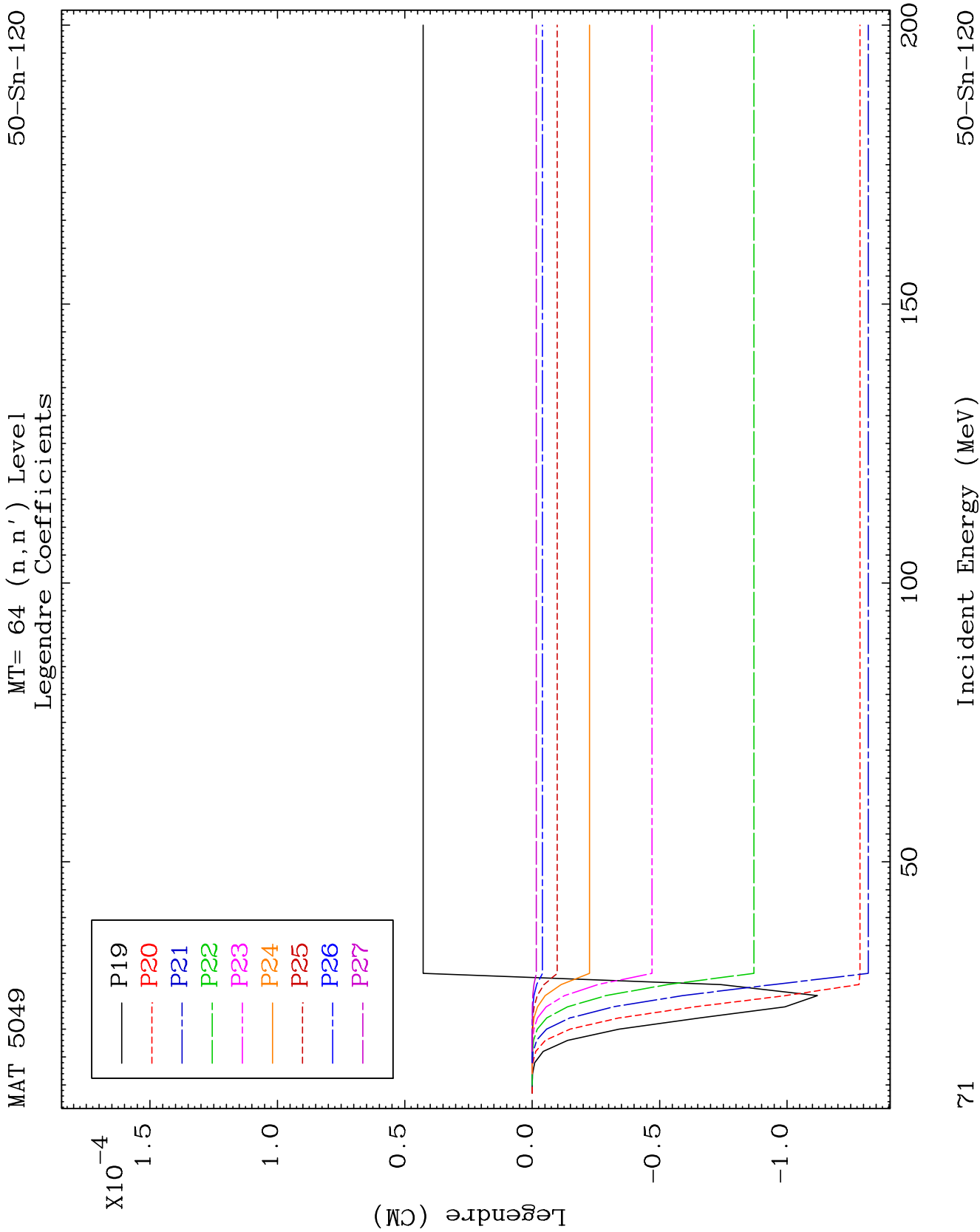
50-Sn-120

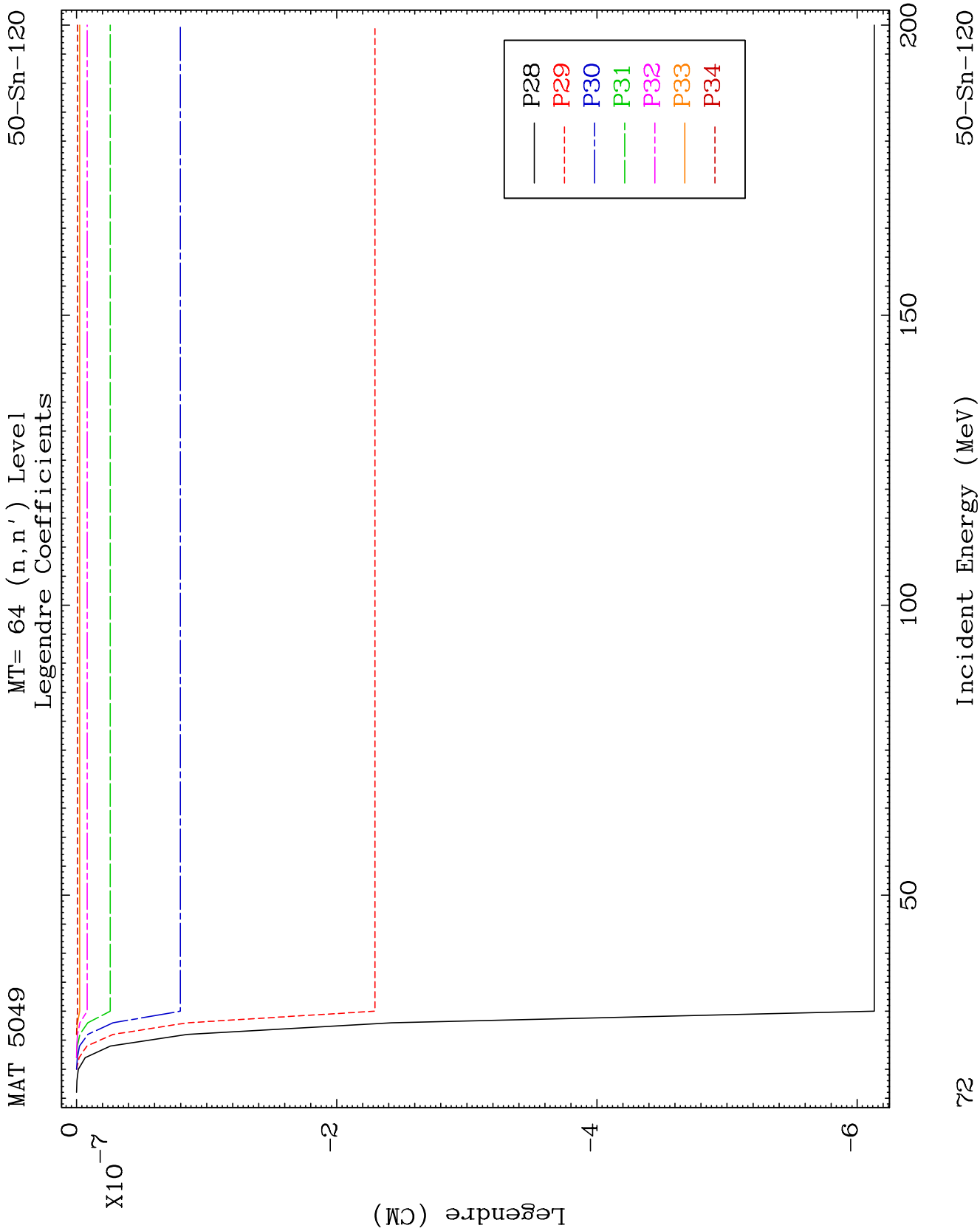


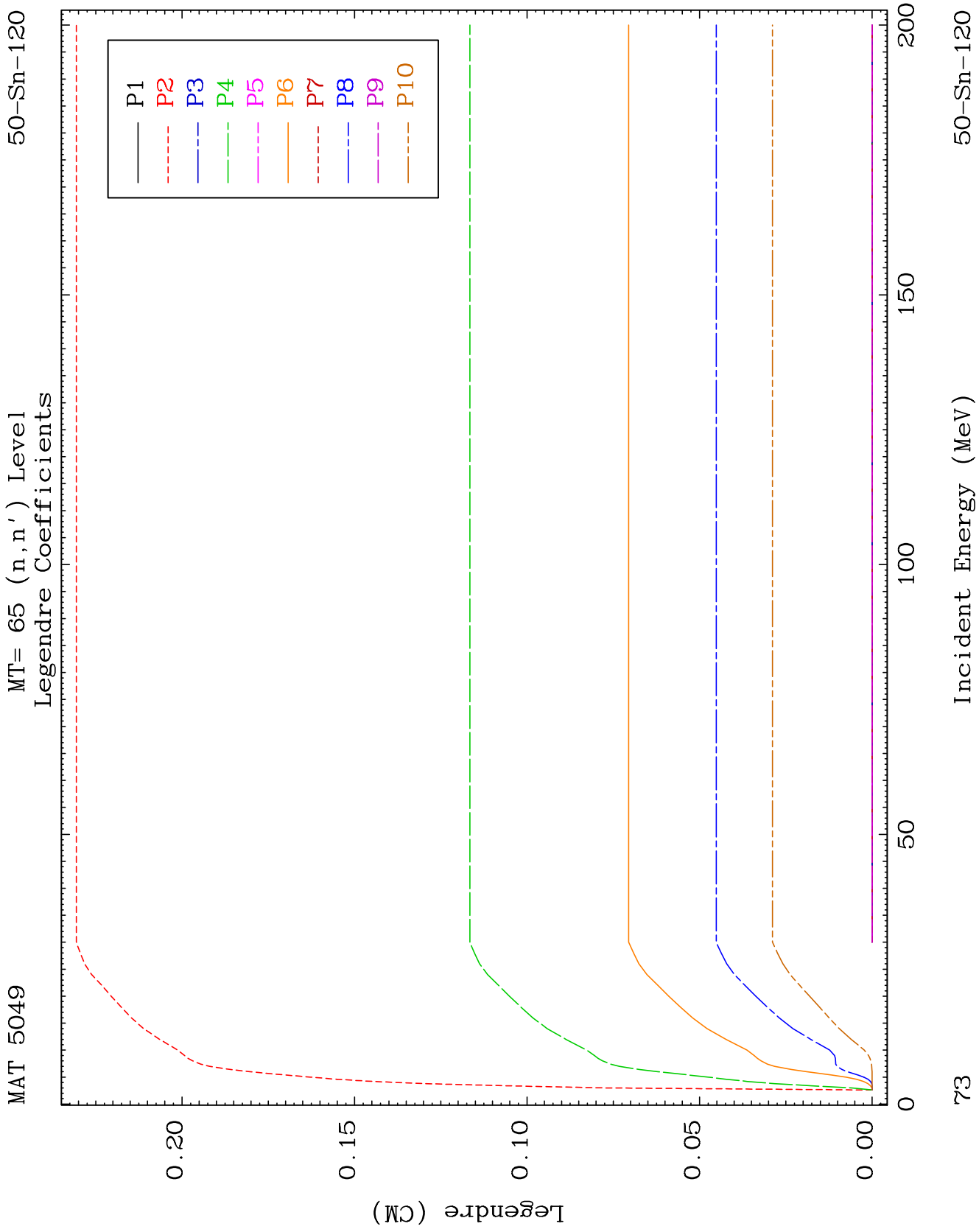


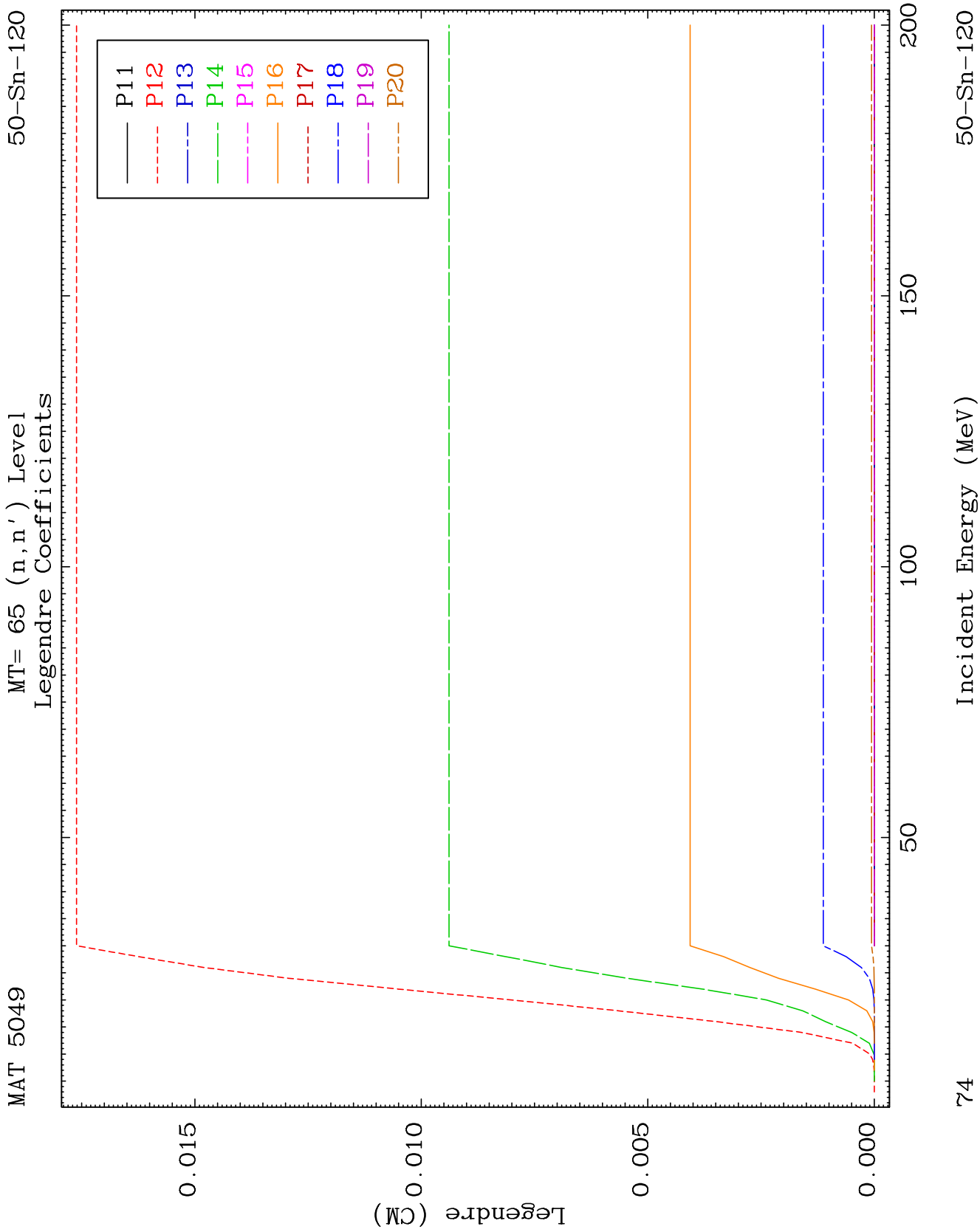


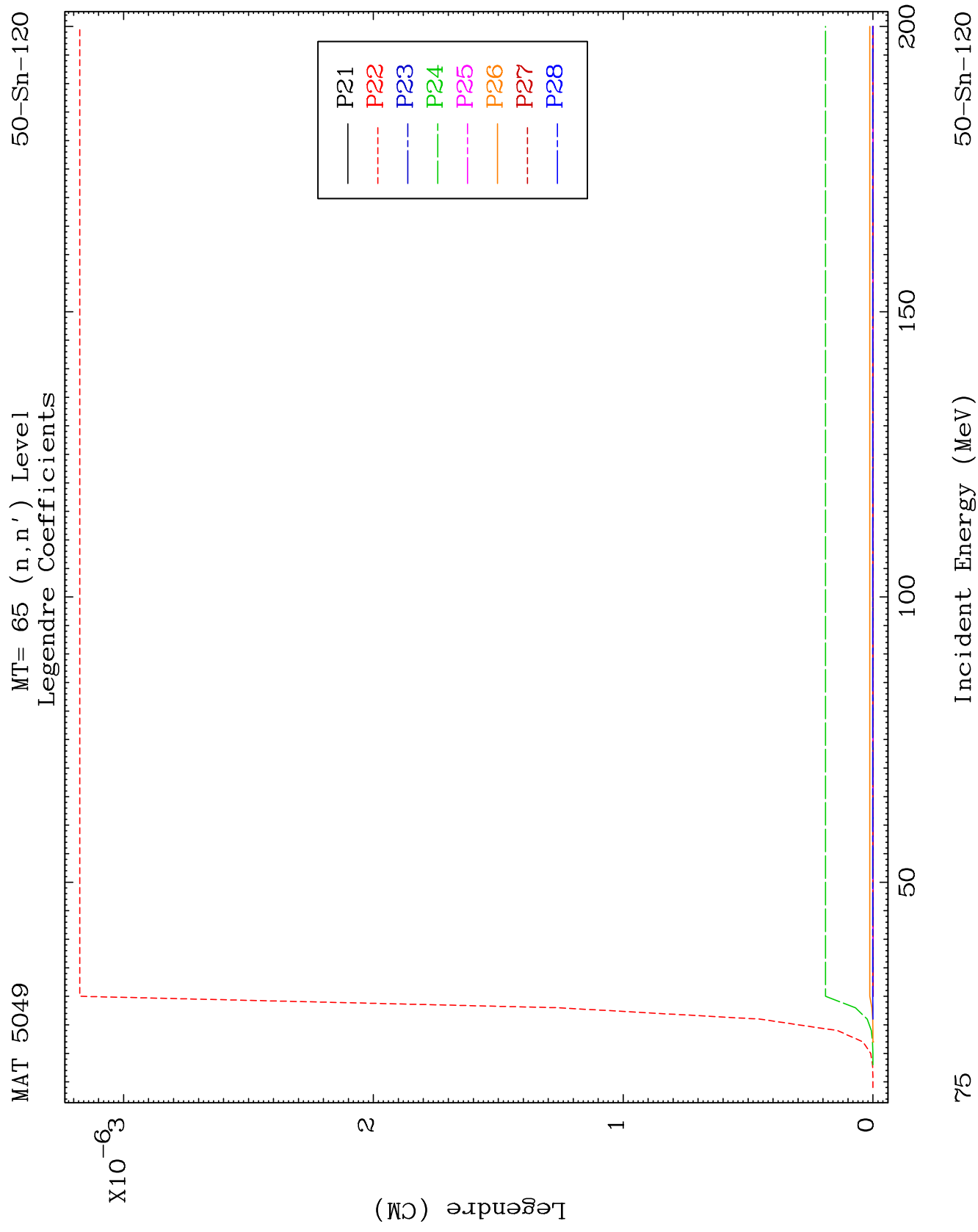


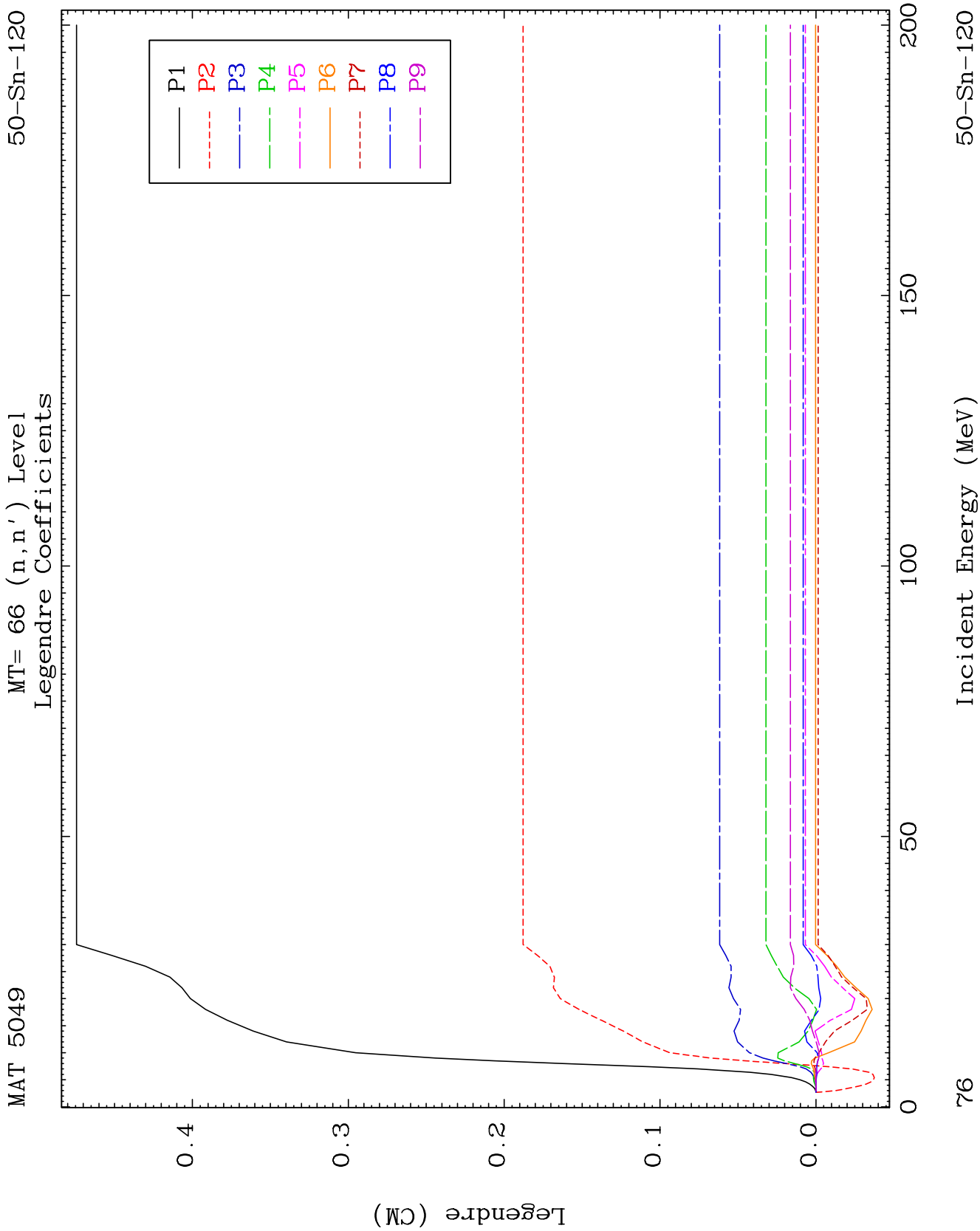


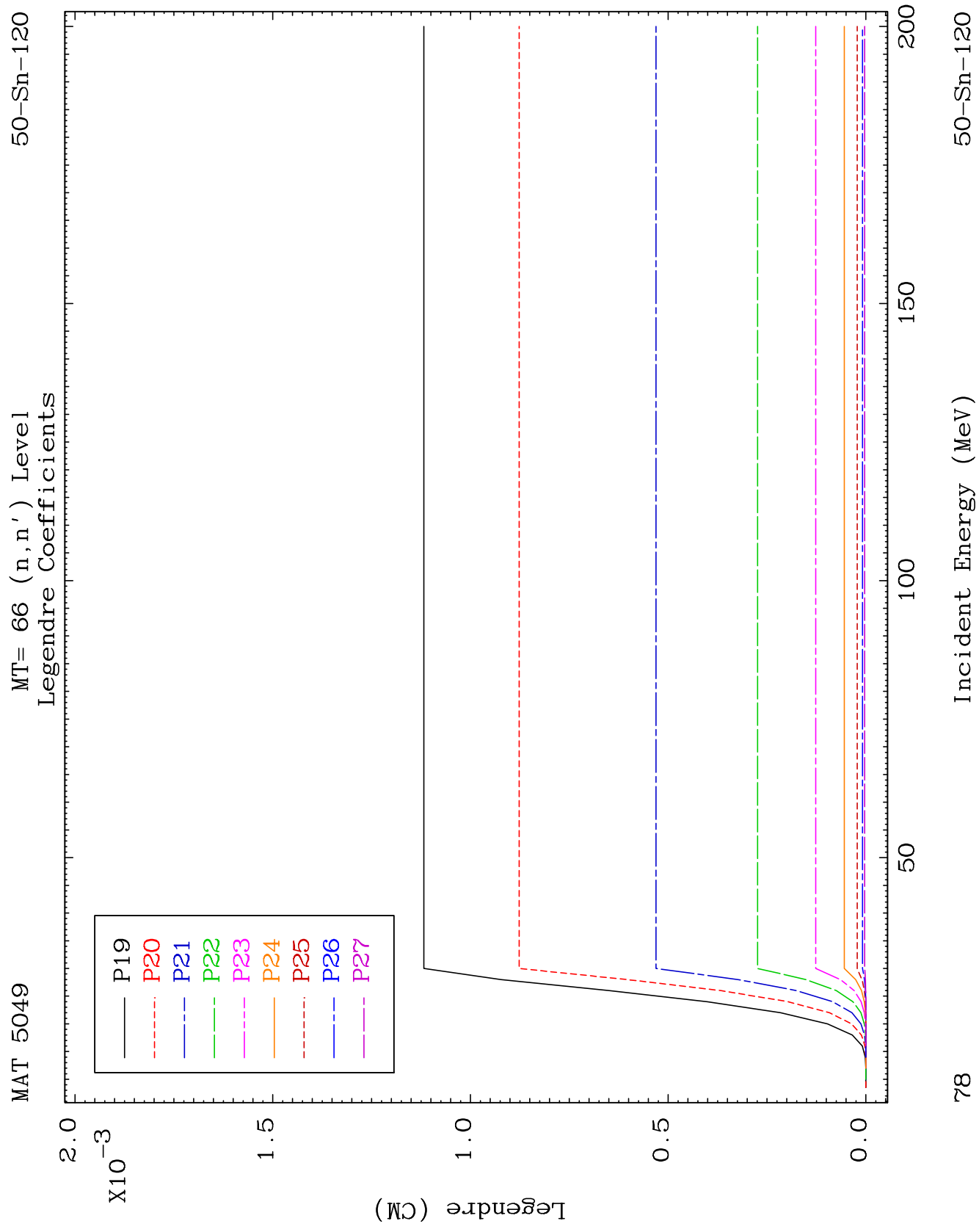


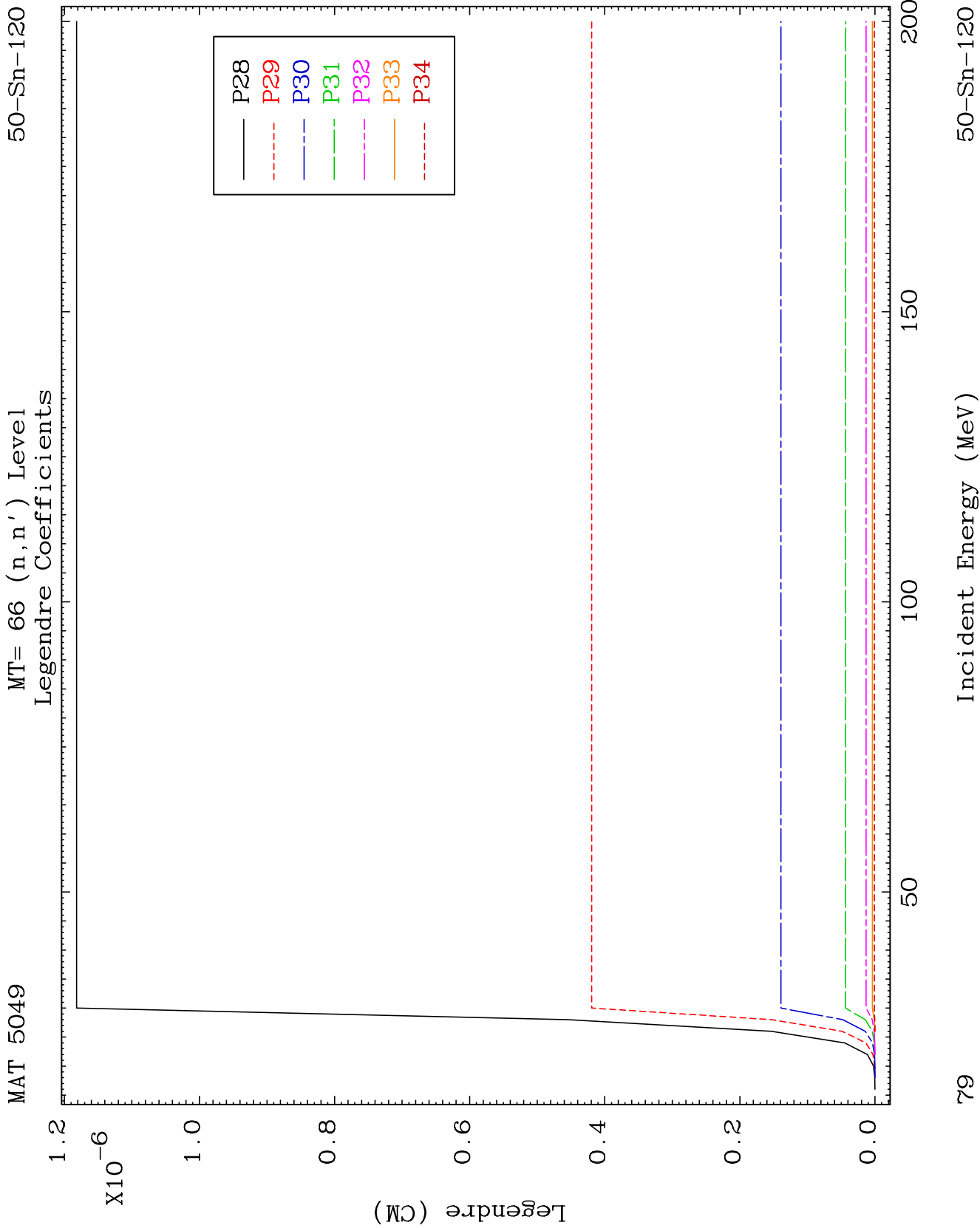


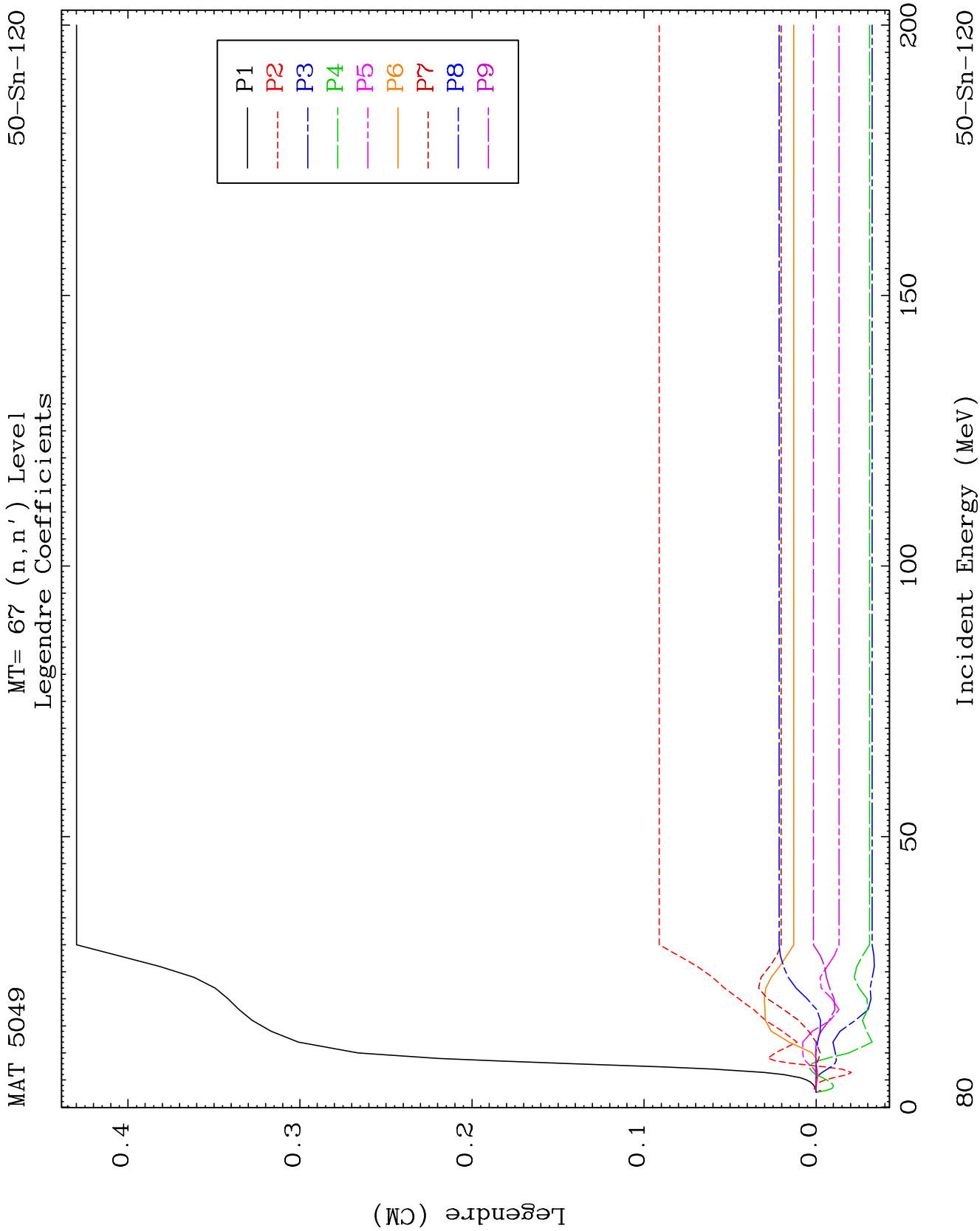


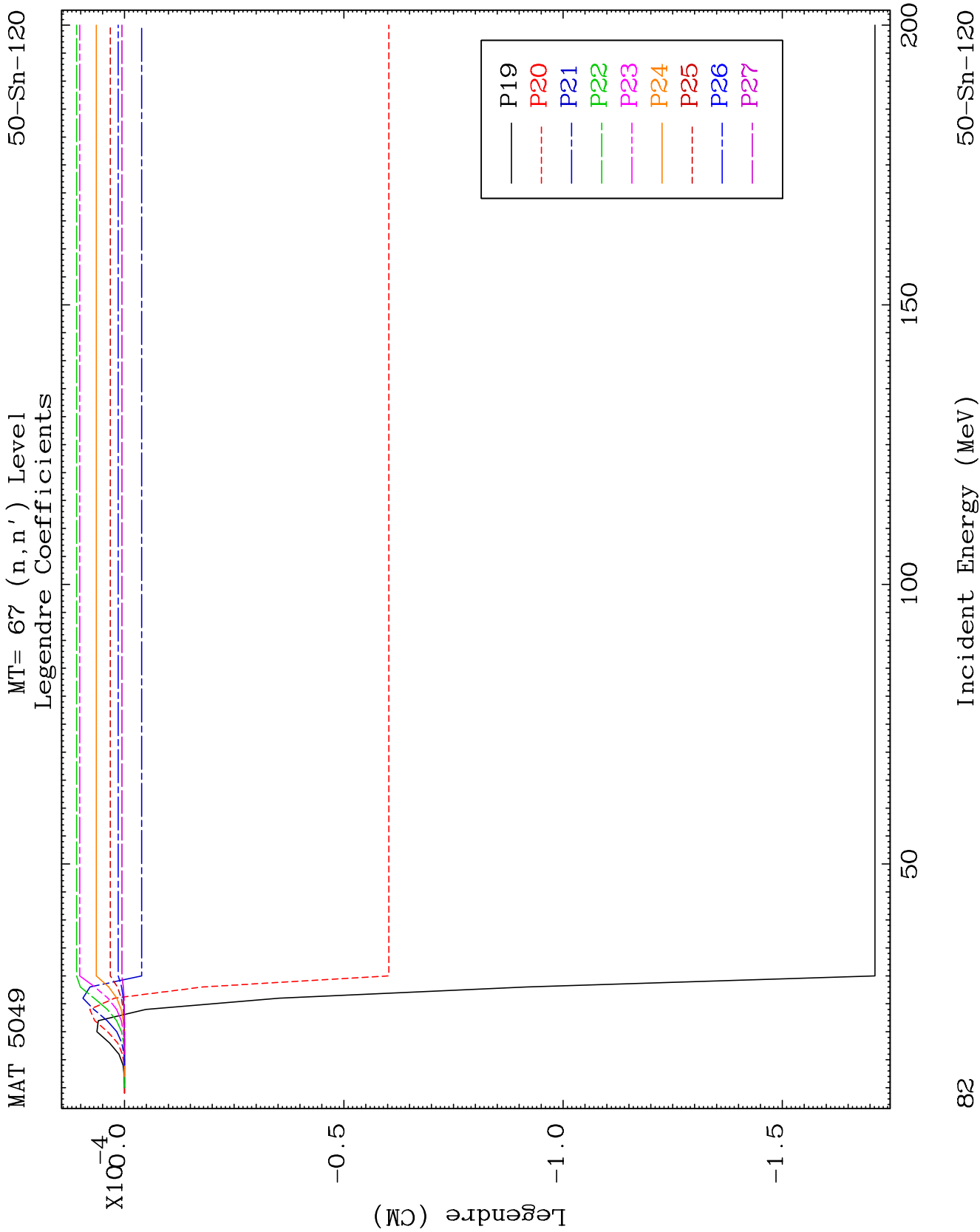


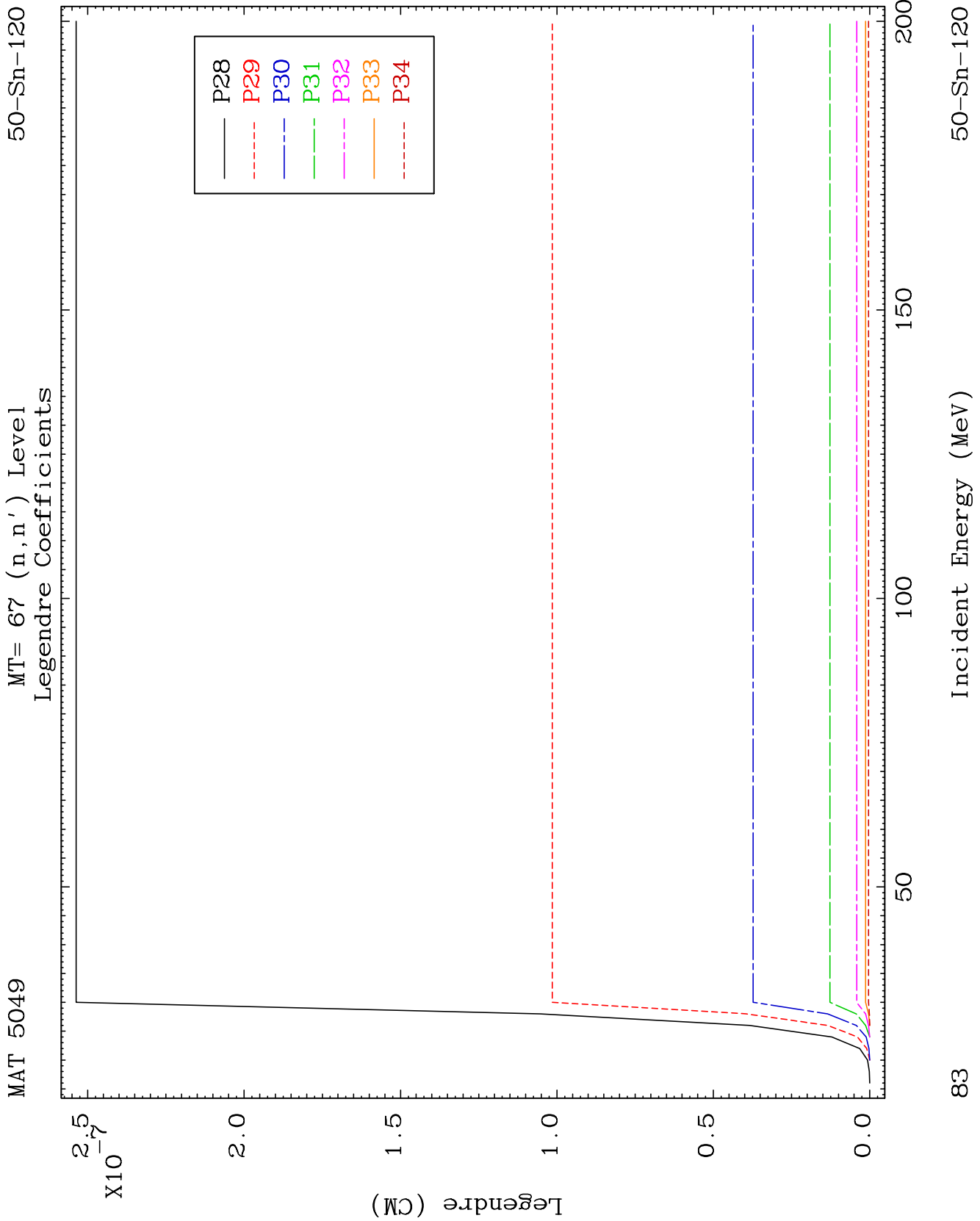








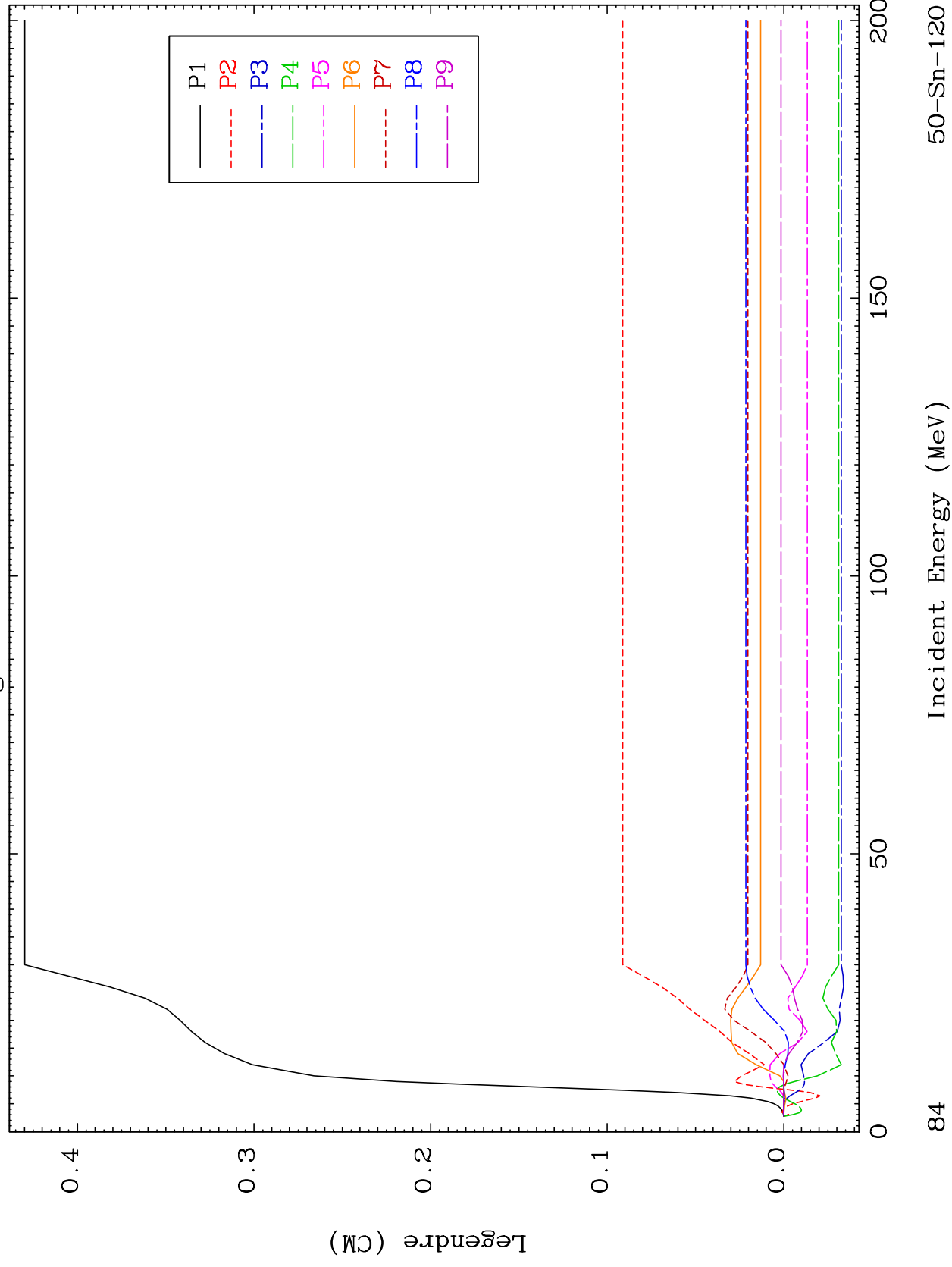


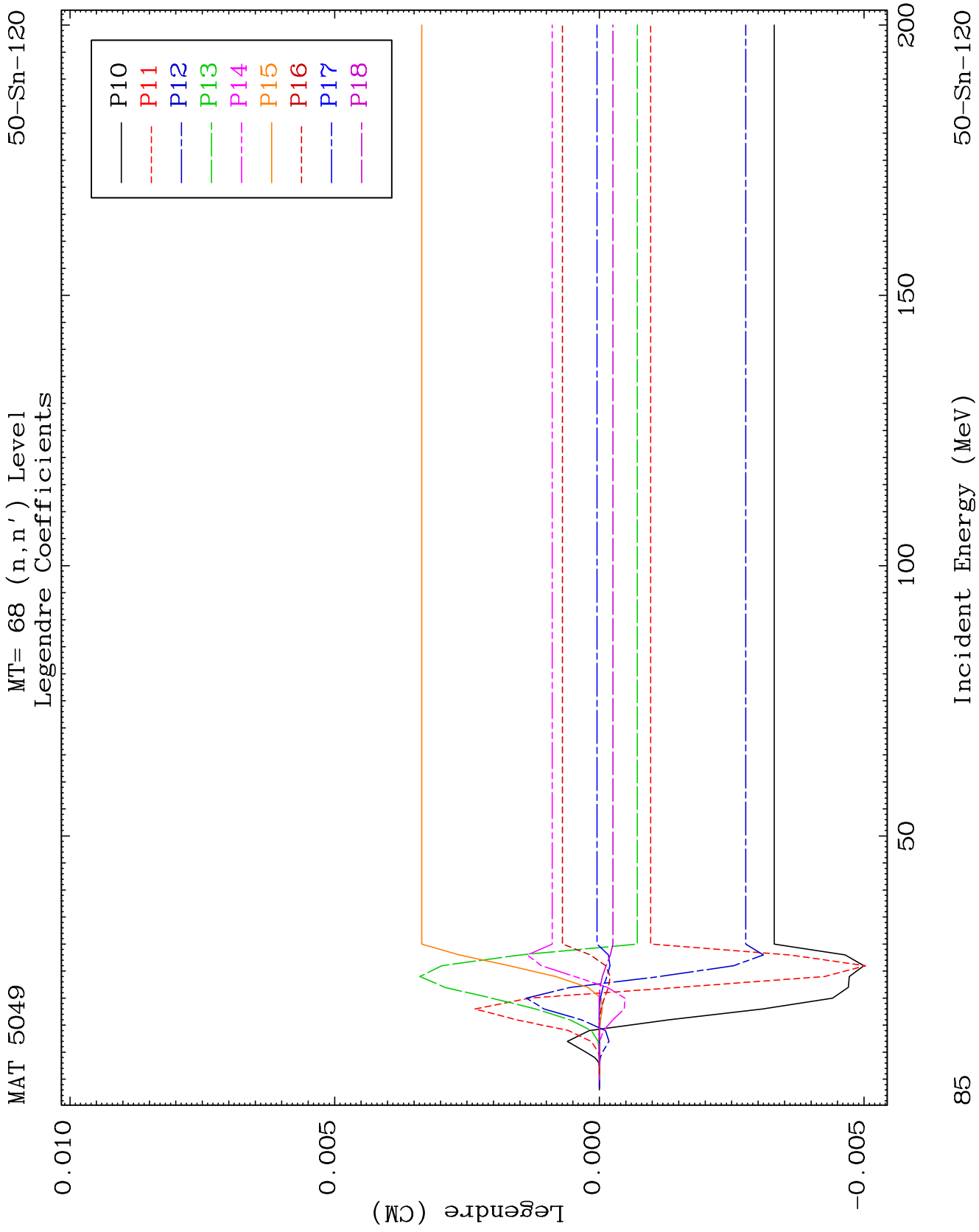


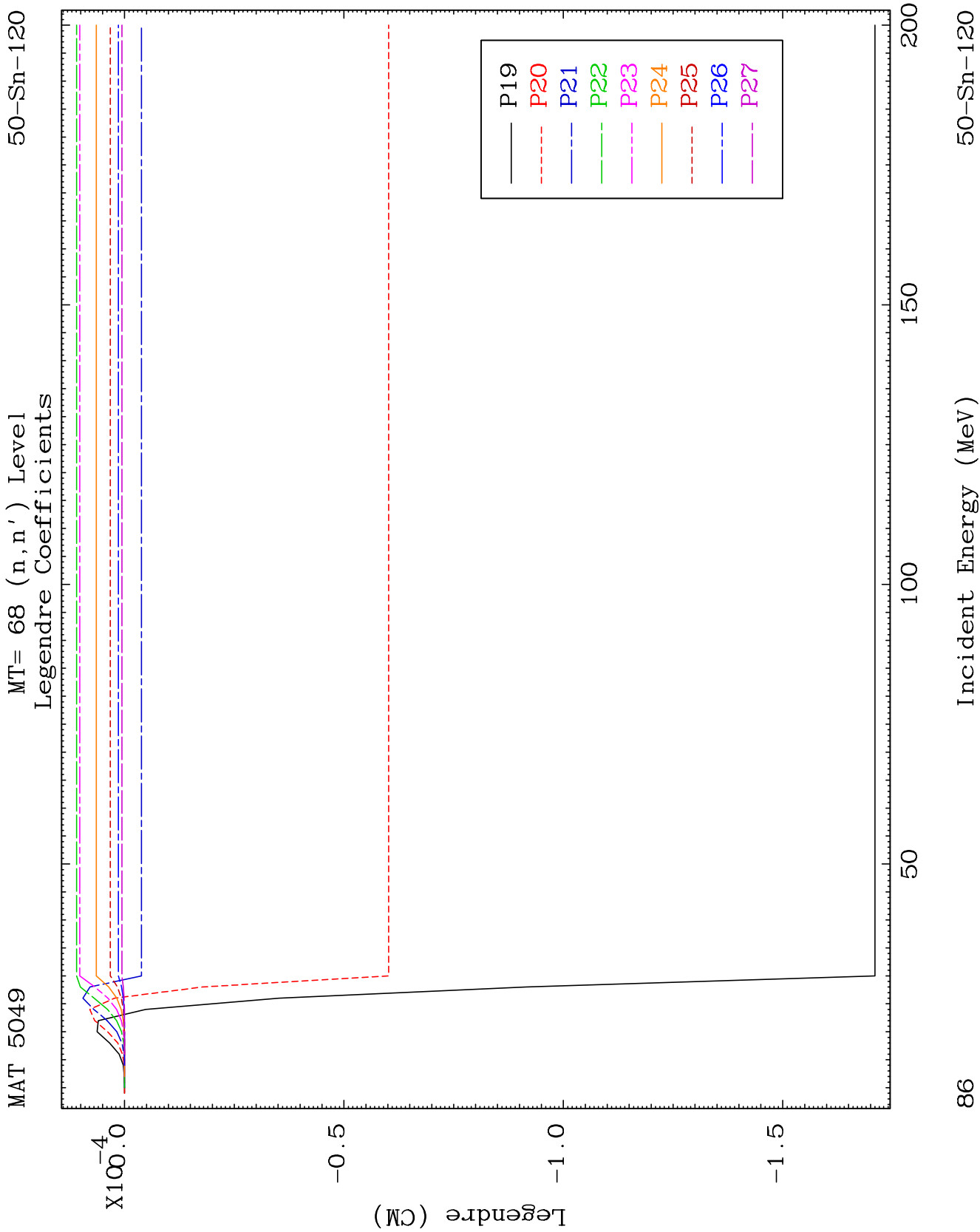
MAT 5049

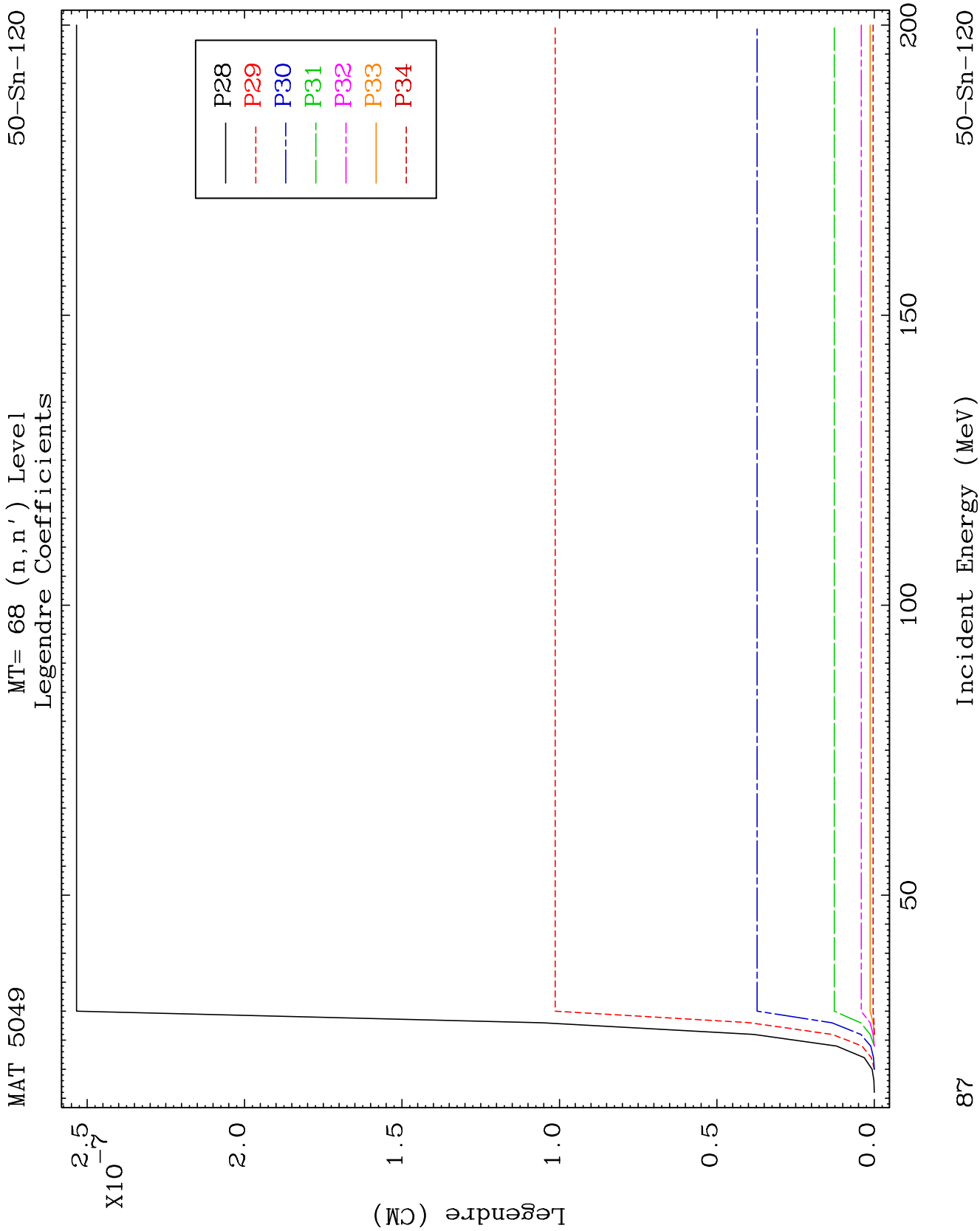
MT= 68 (n, n') Level
Legendre Coefficients

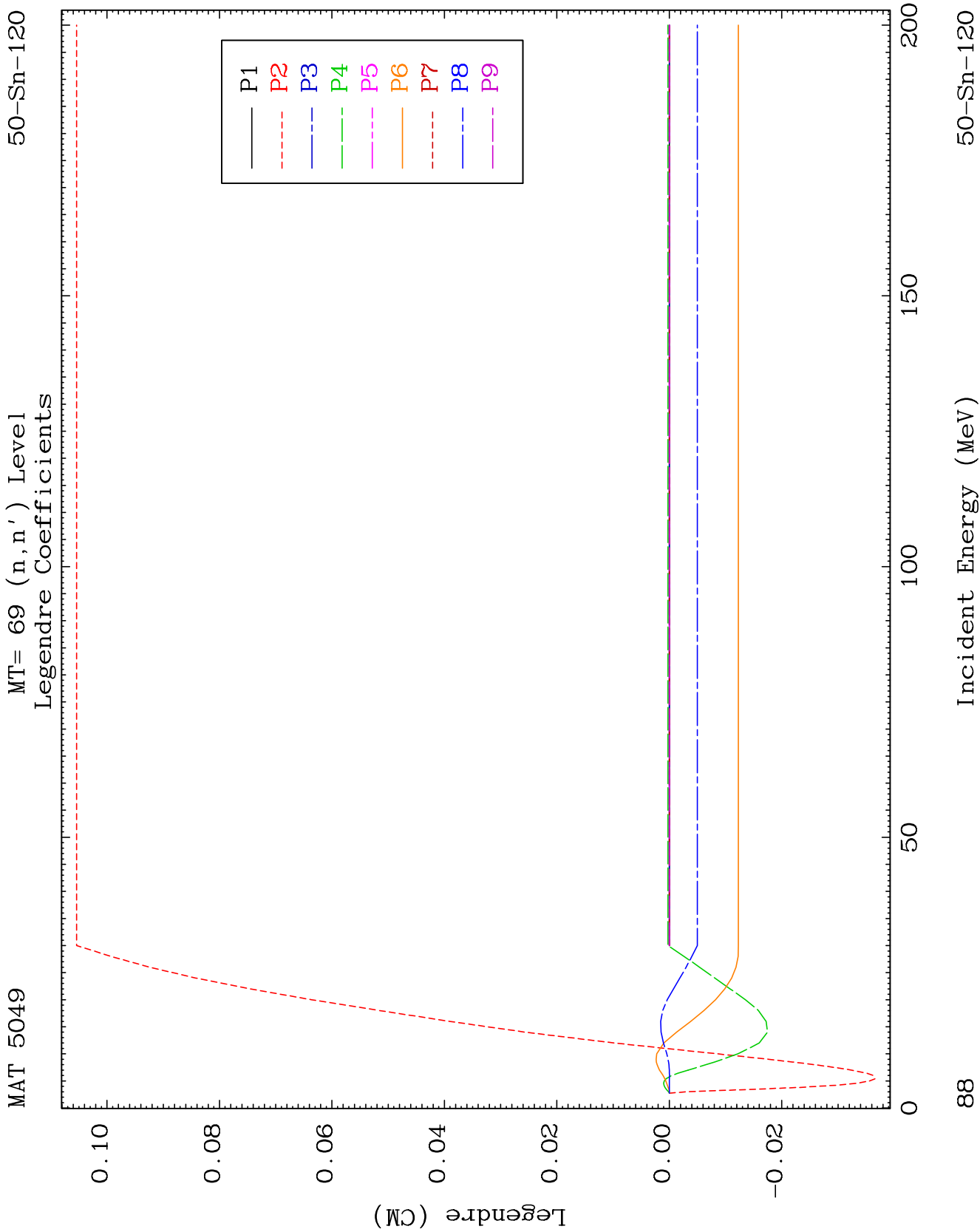
50-Sn-120

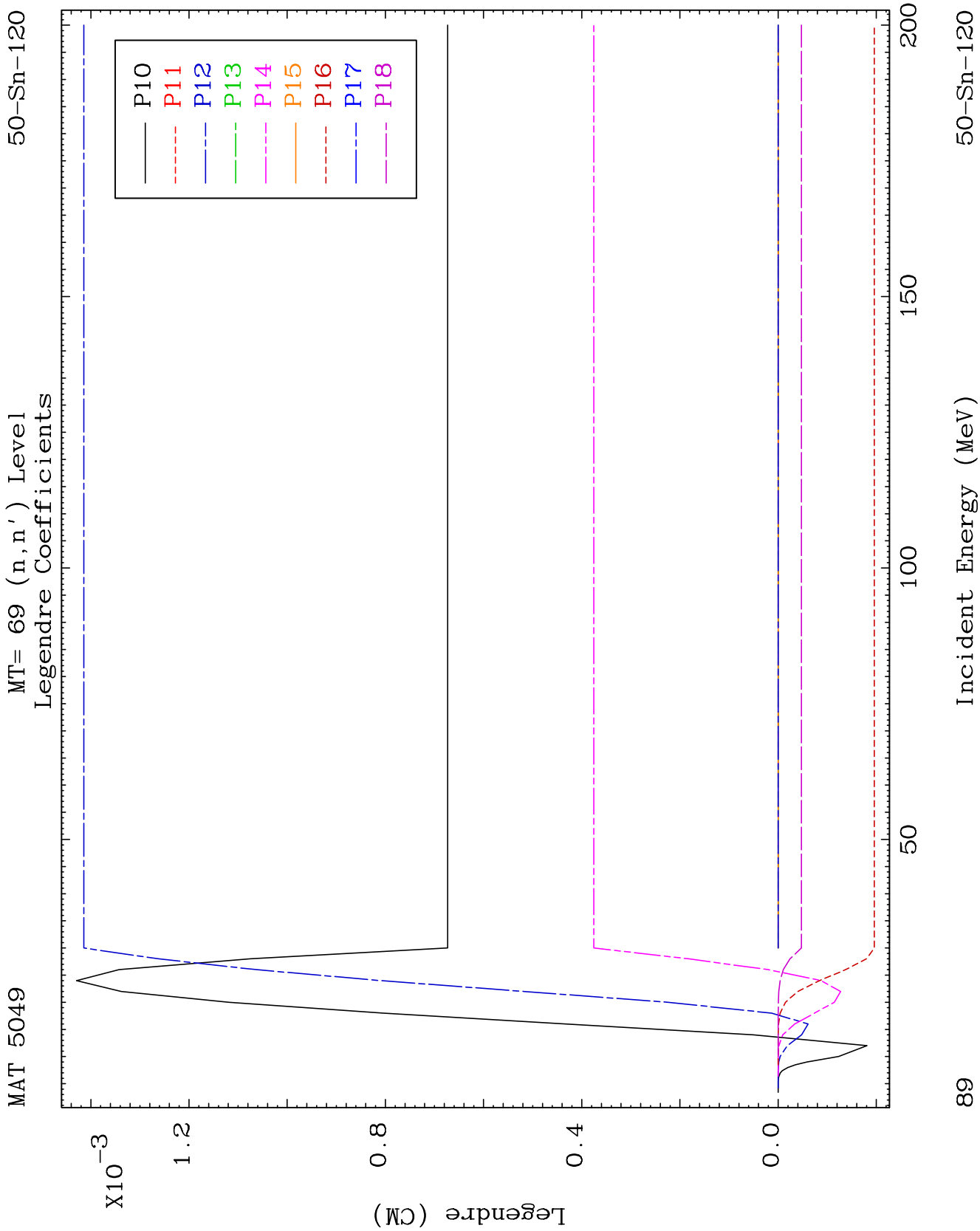








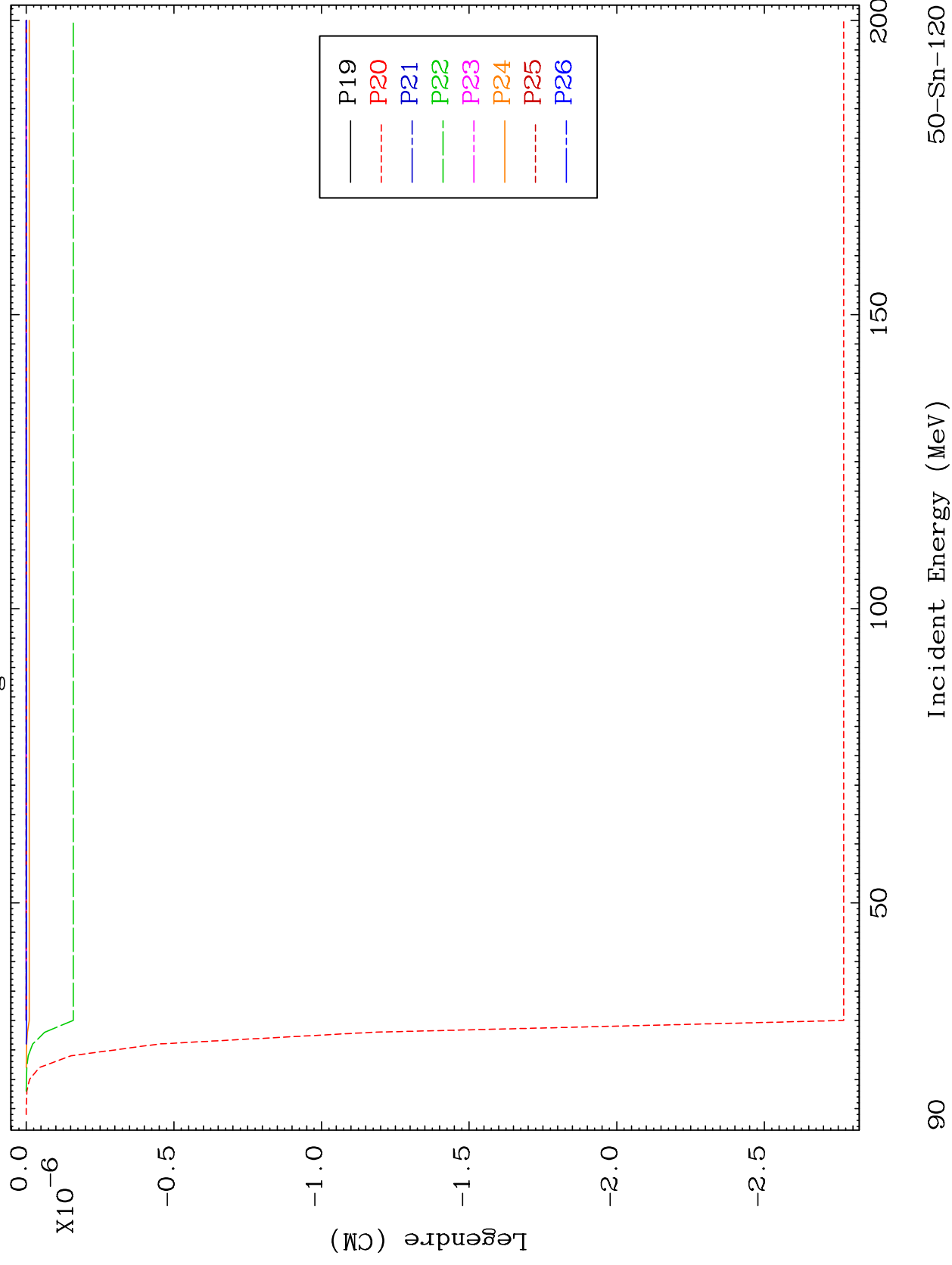


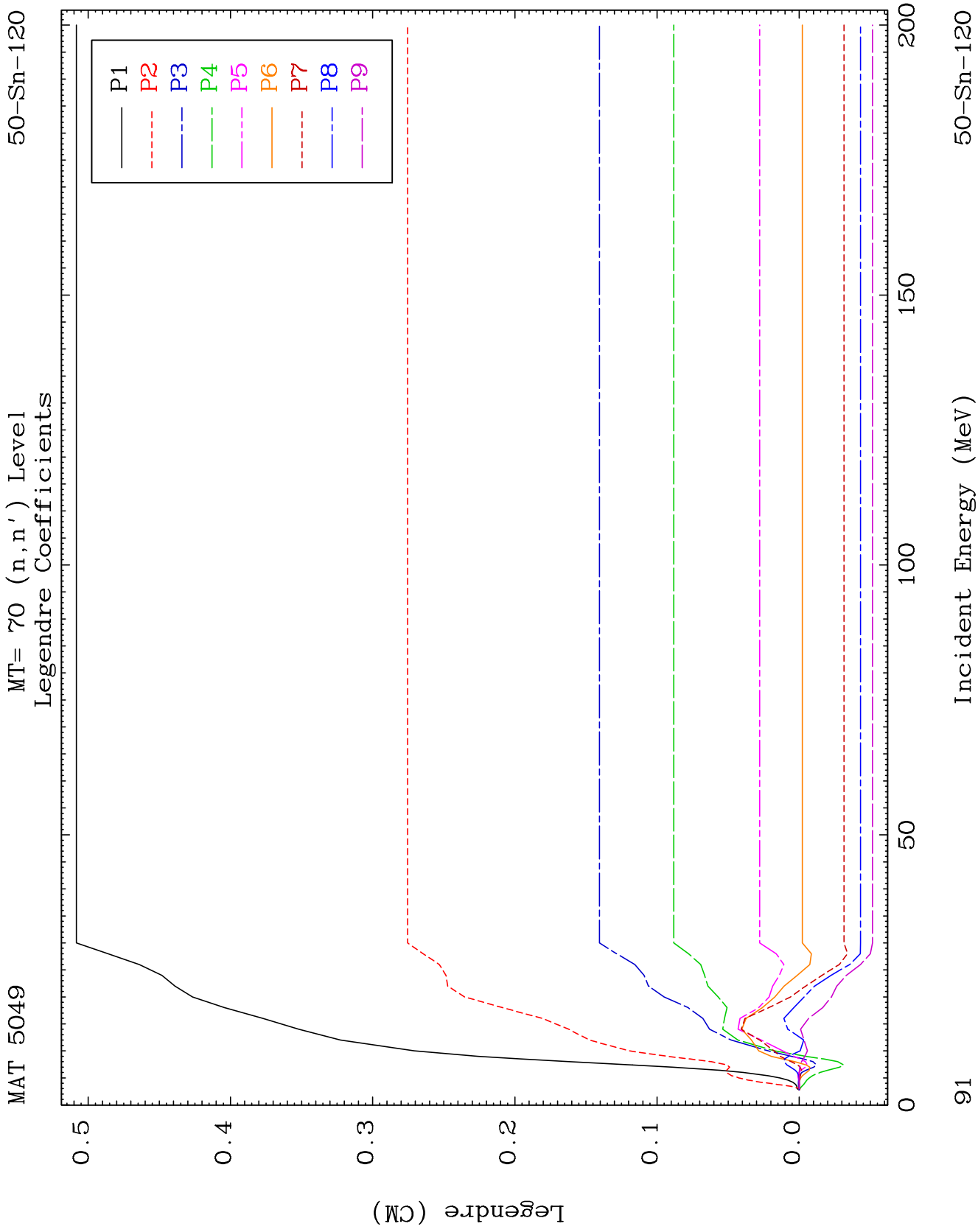


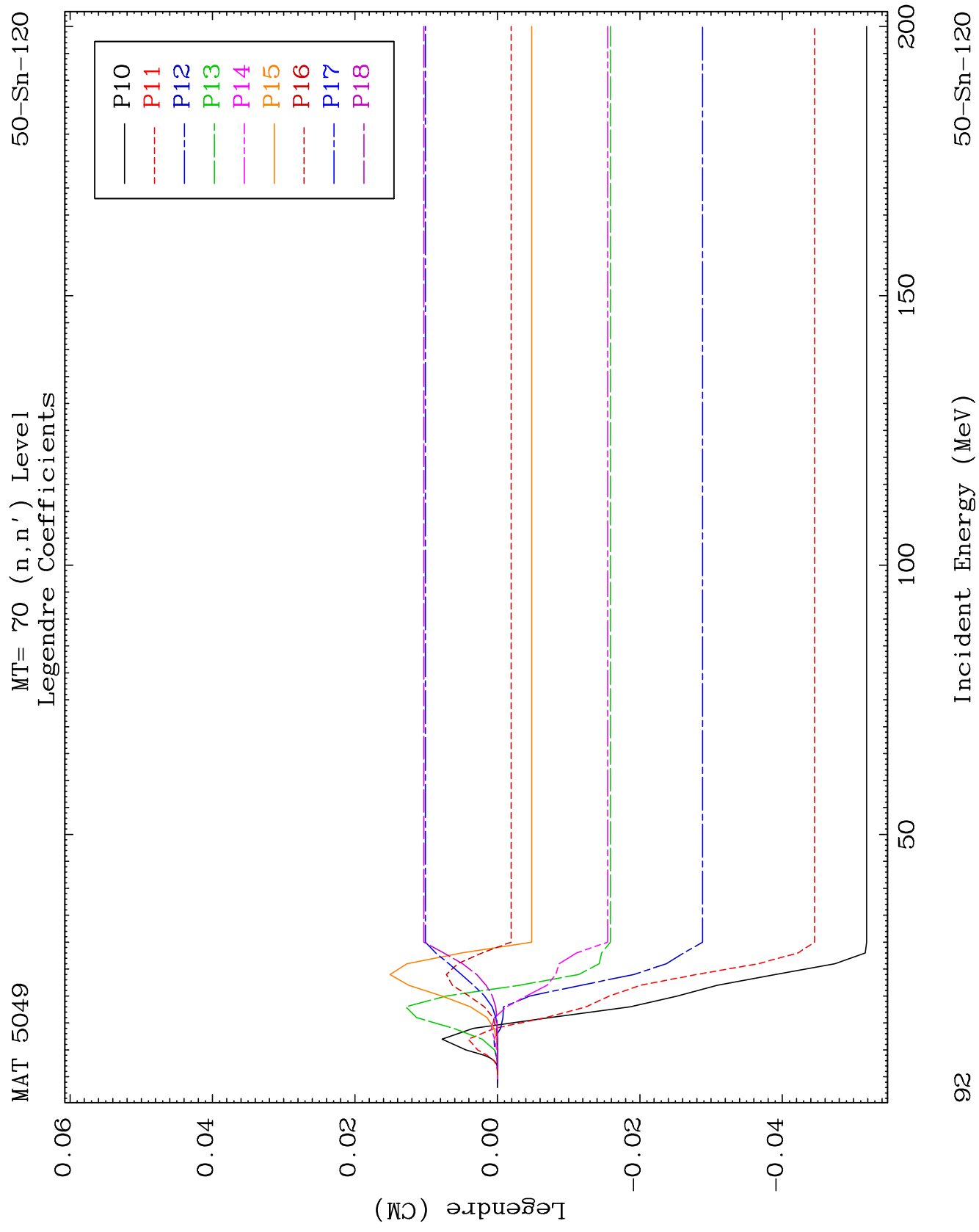
MAT 5049

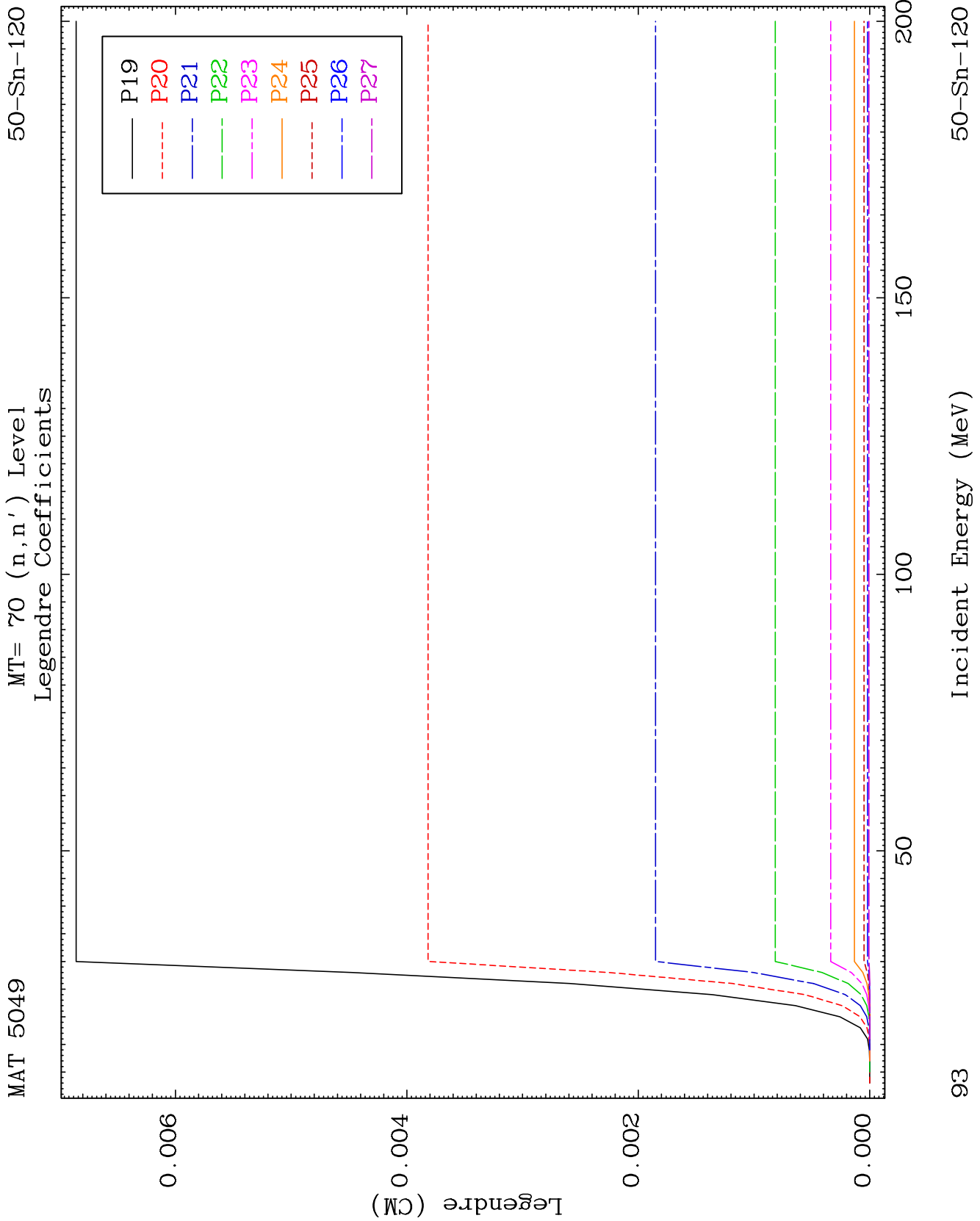
MT= 69 (n, n') Level
Legendre Coefficients

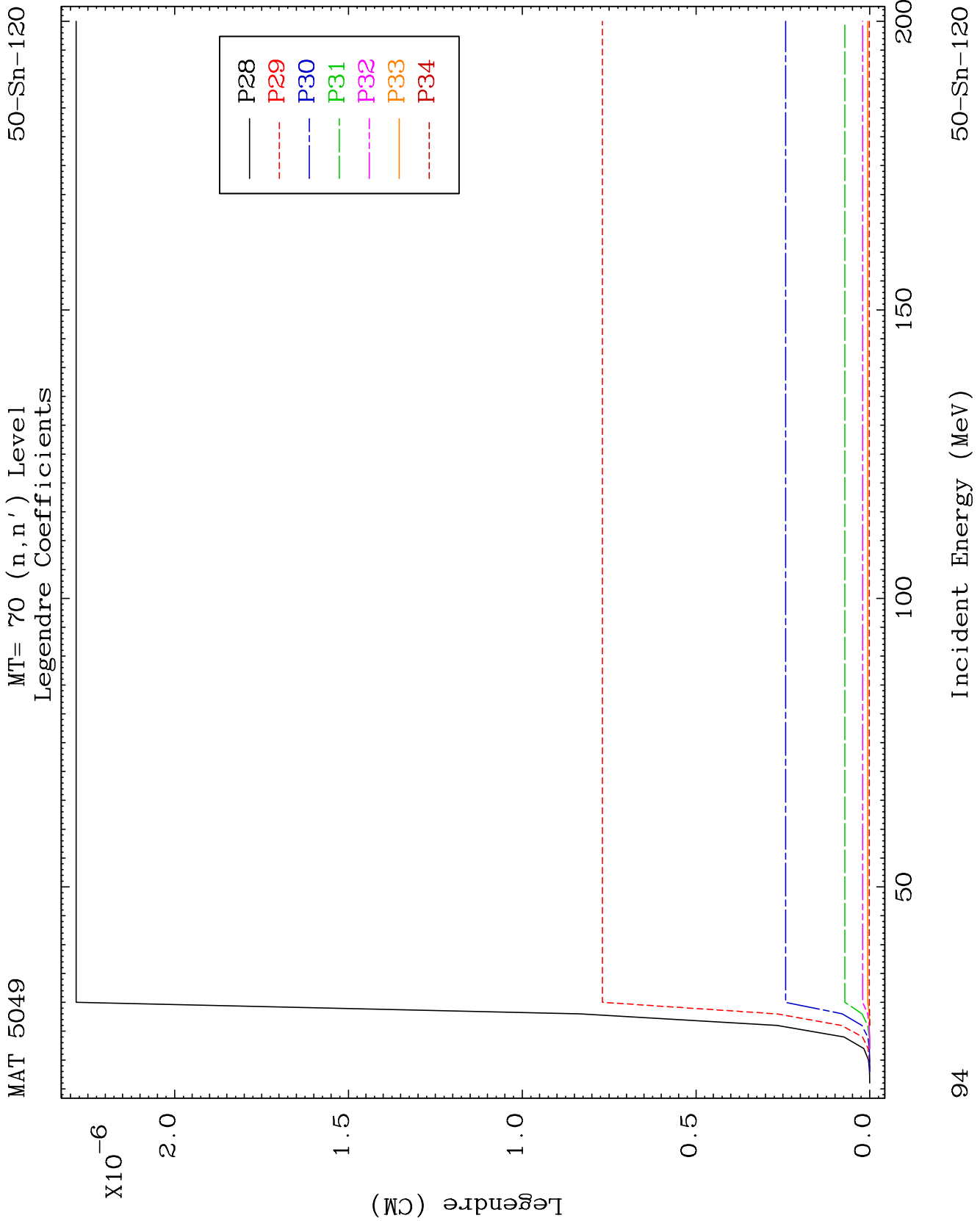
50-Sn-120

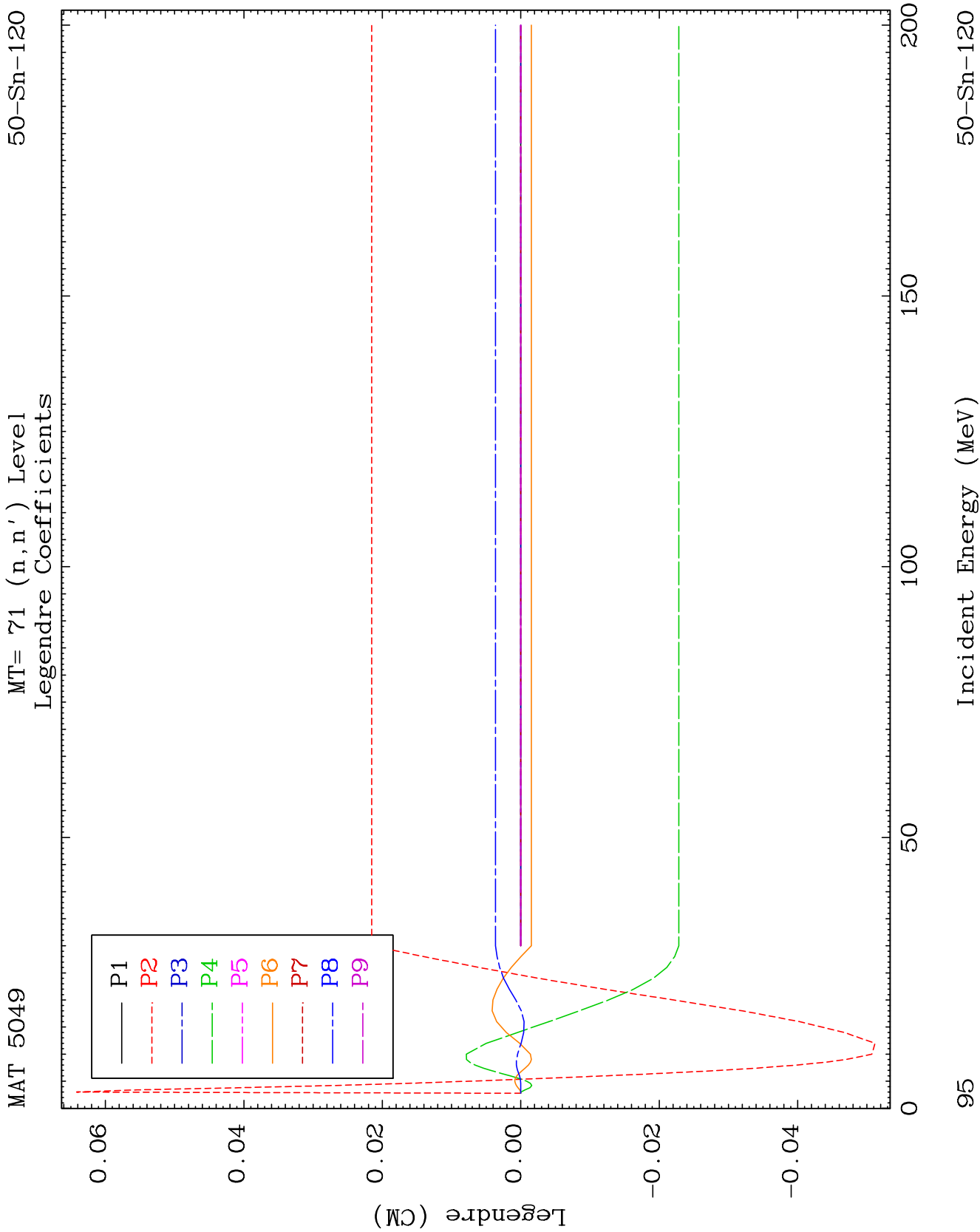


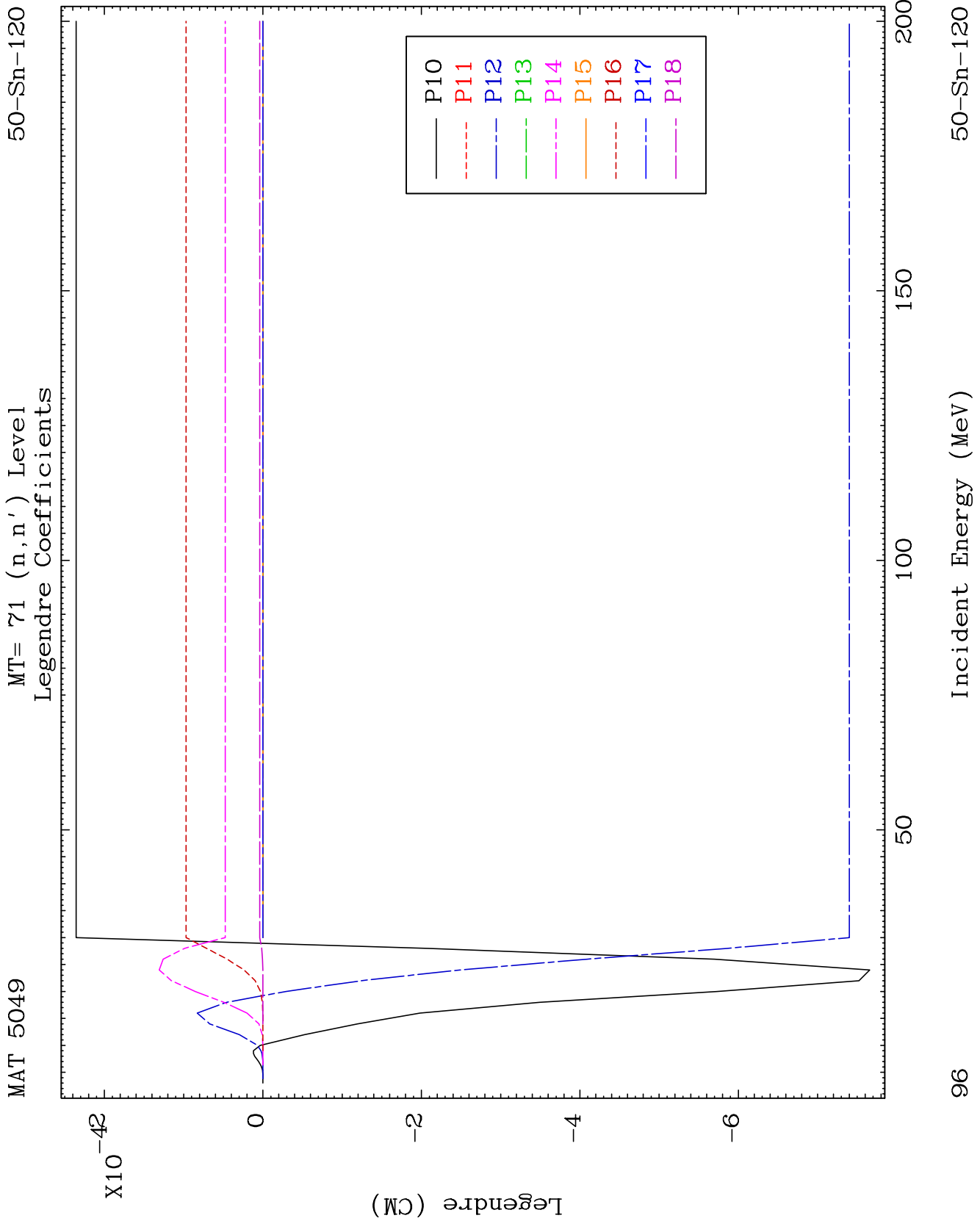


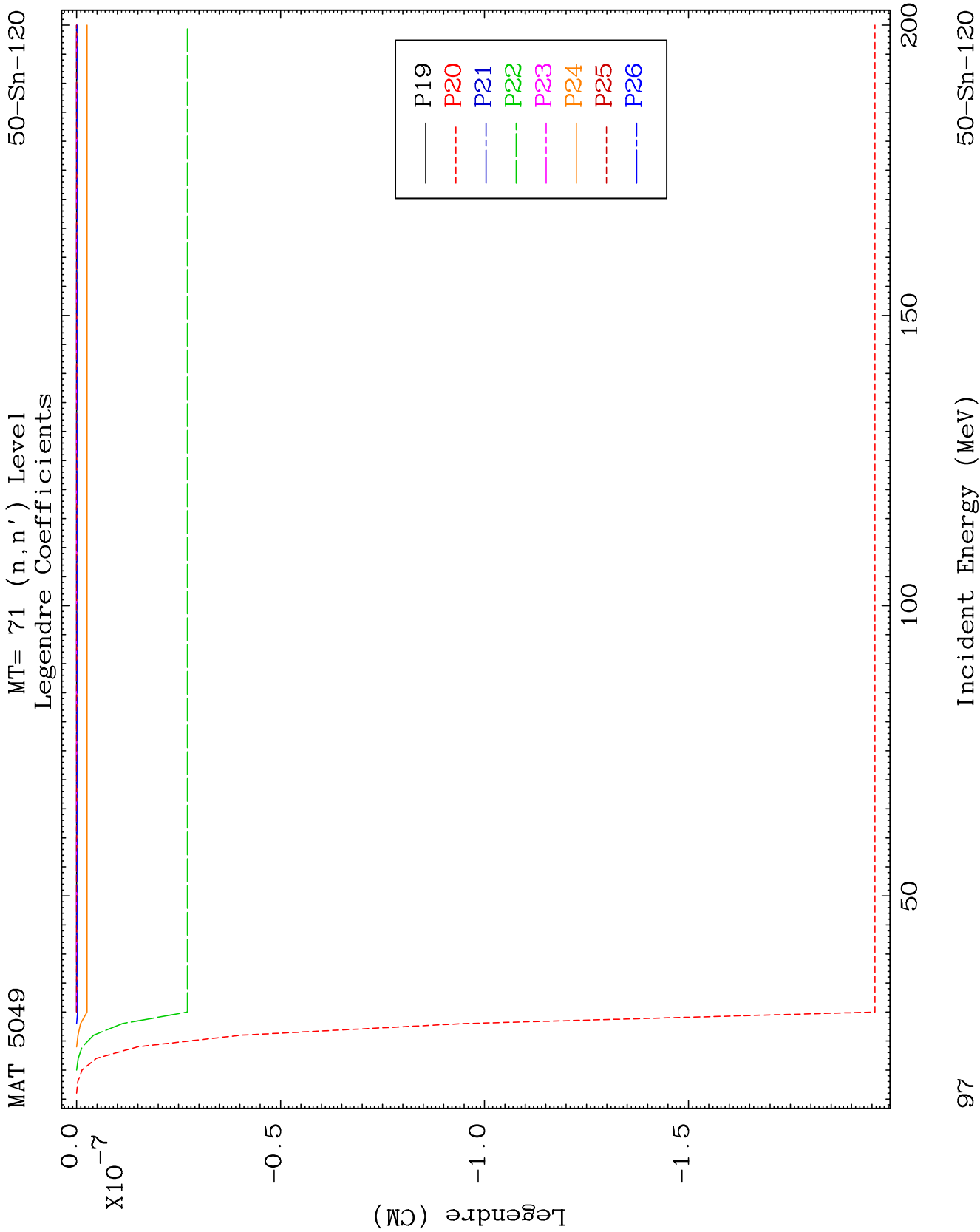


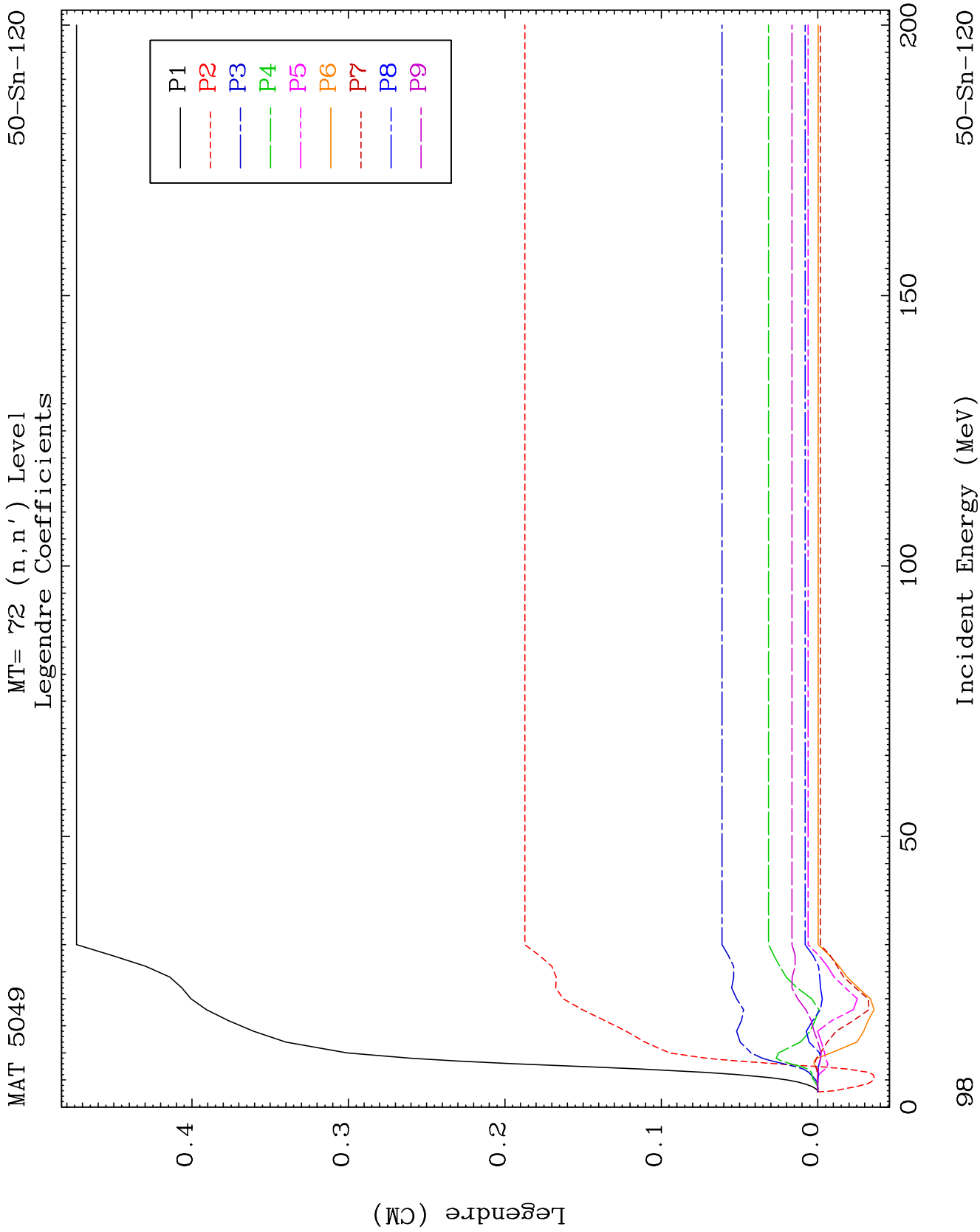


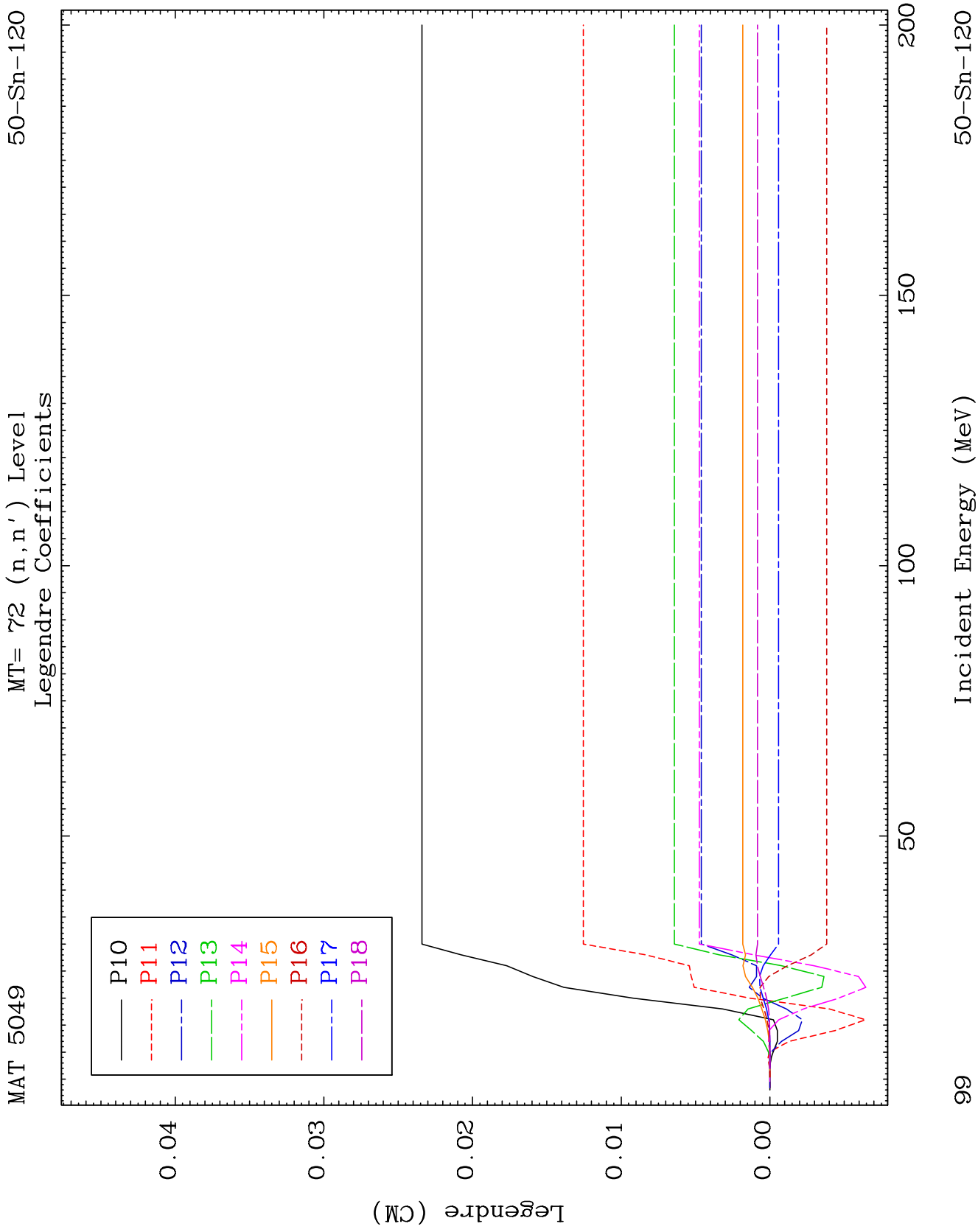


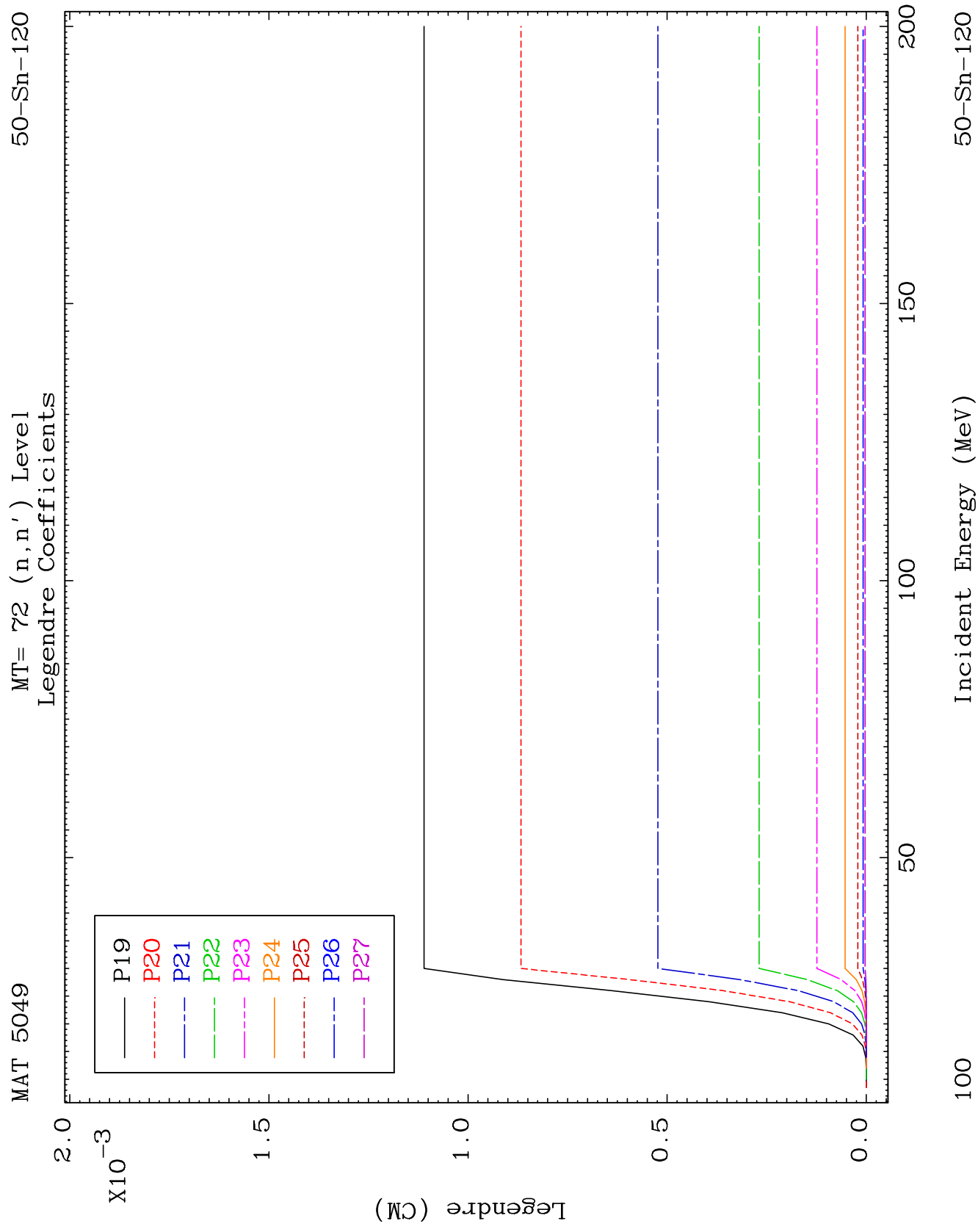


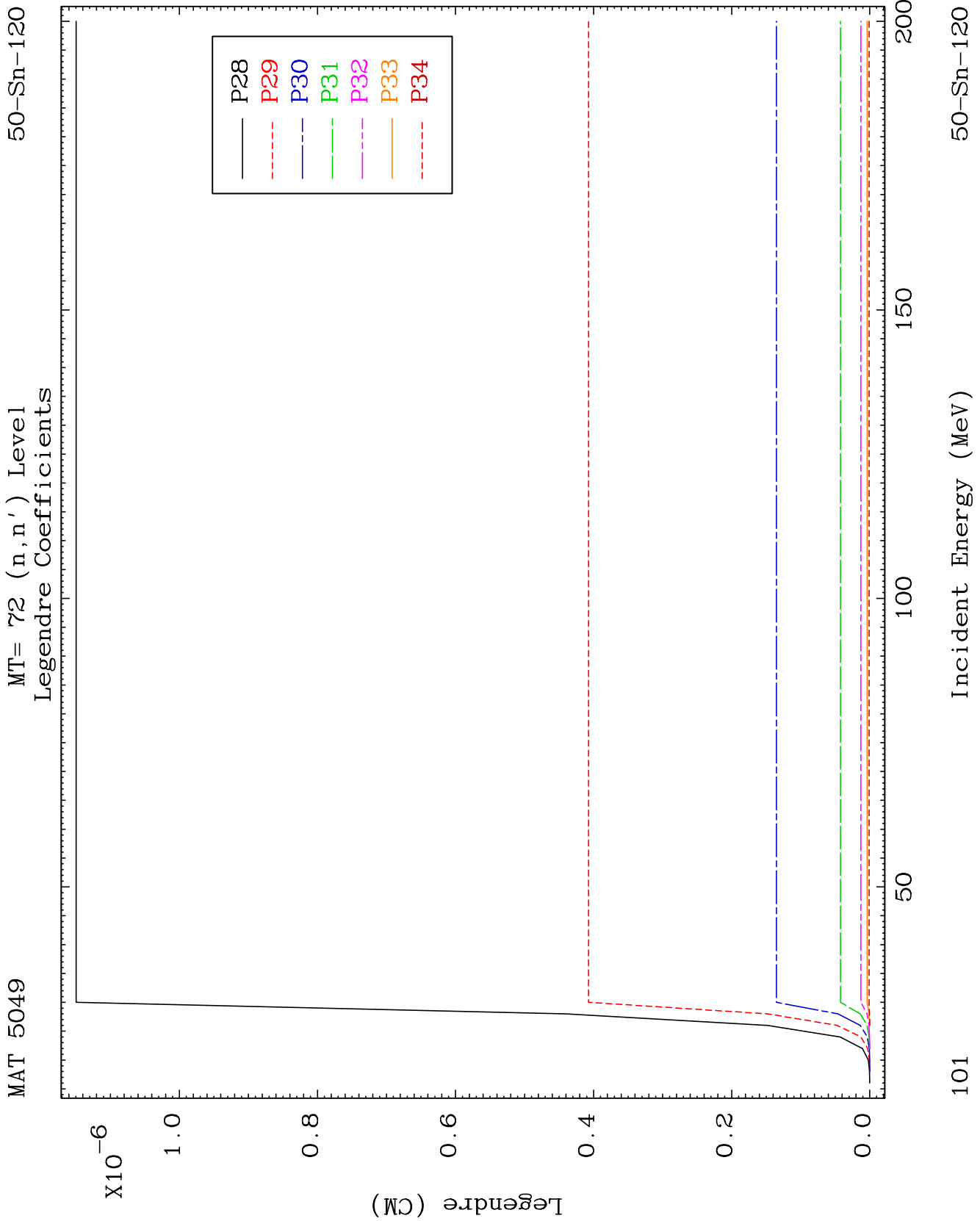








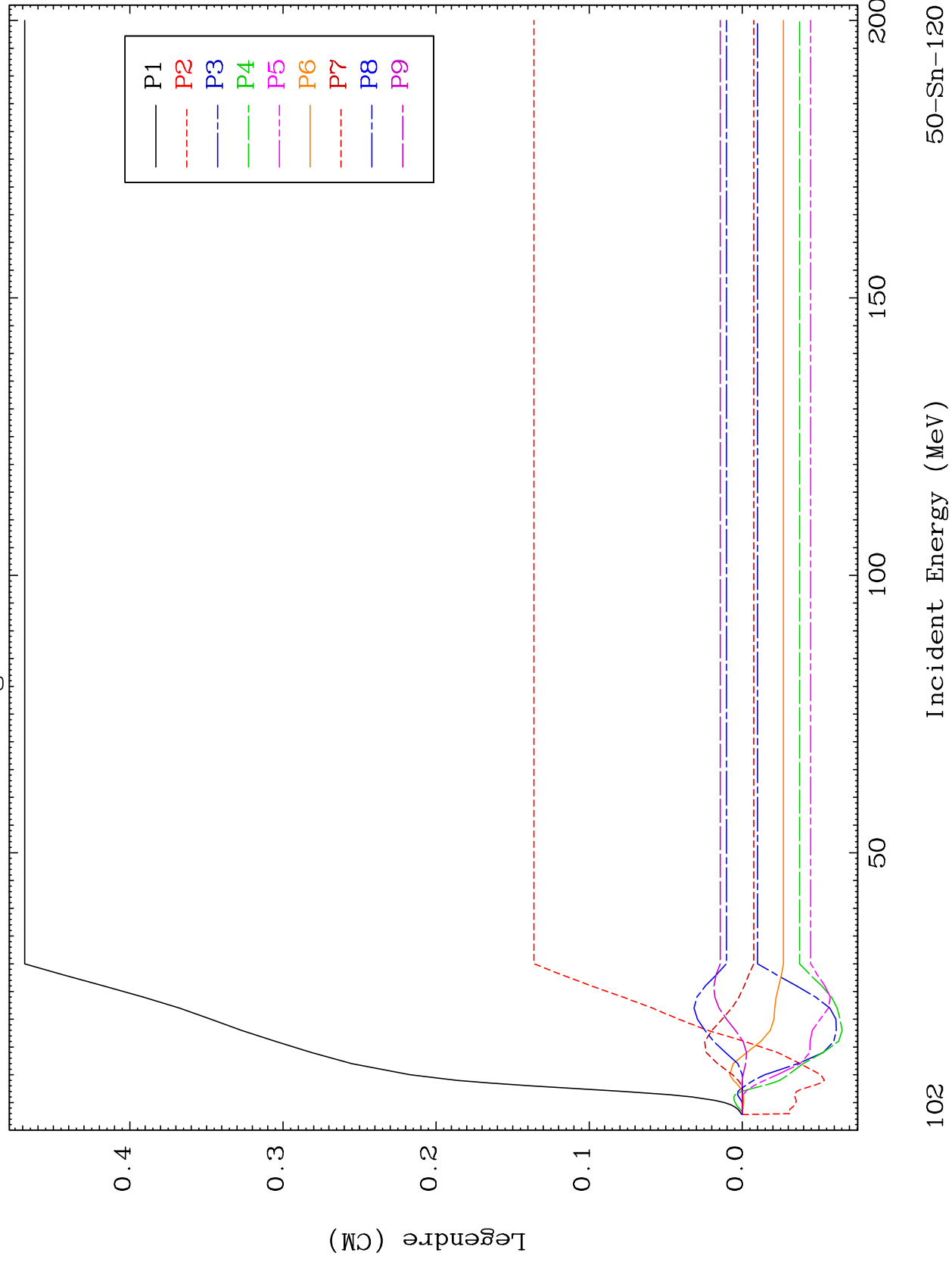




MAT 5049

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

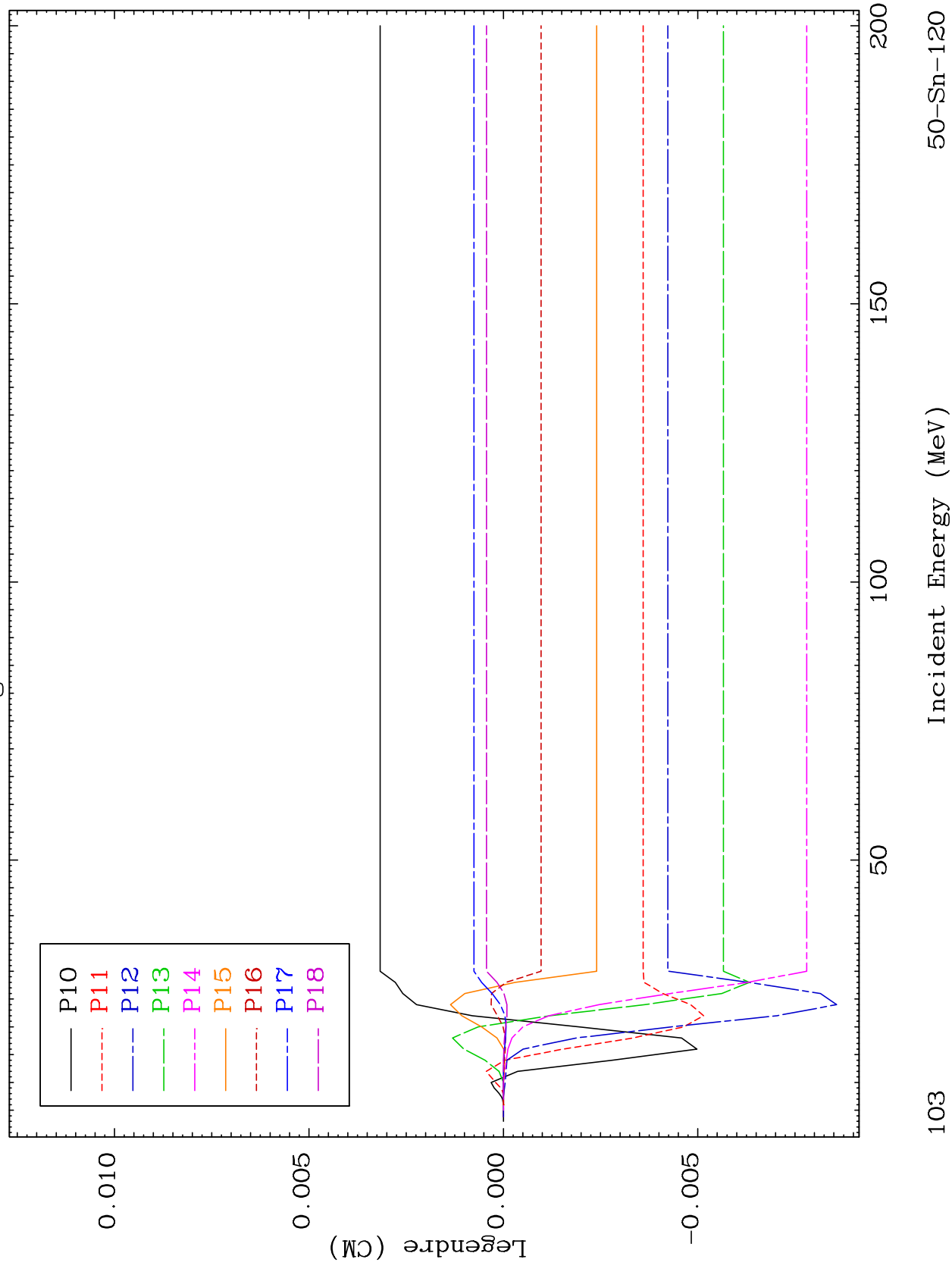
50-Sn-120

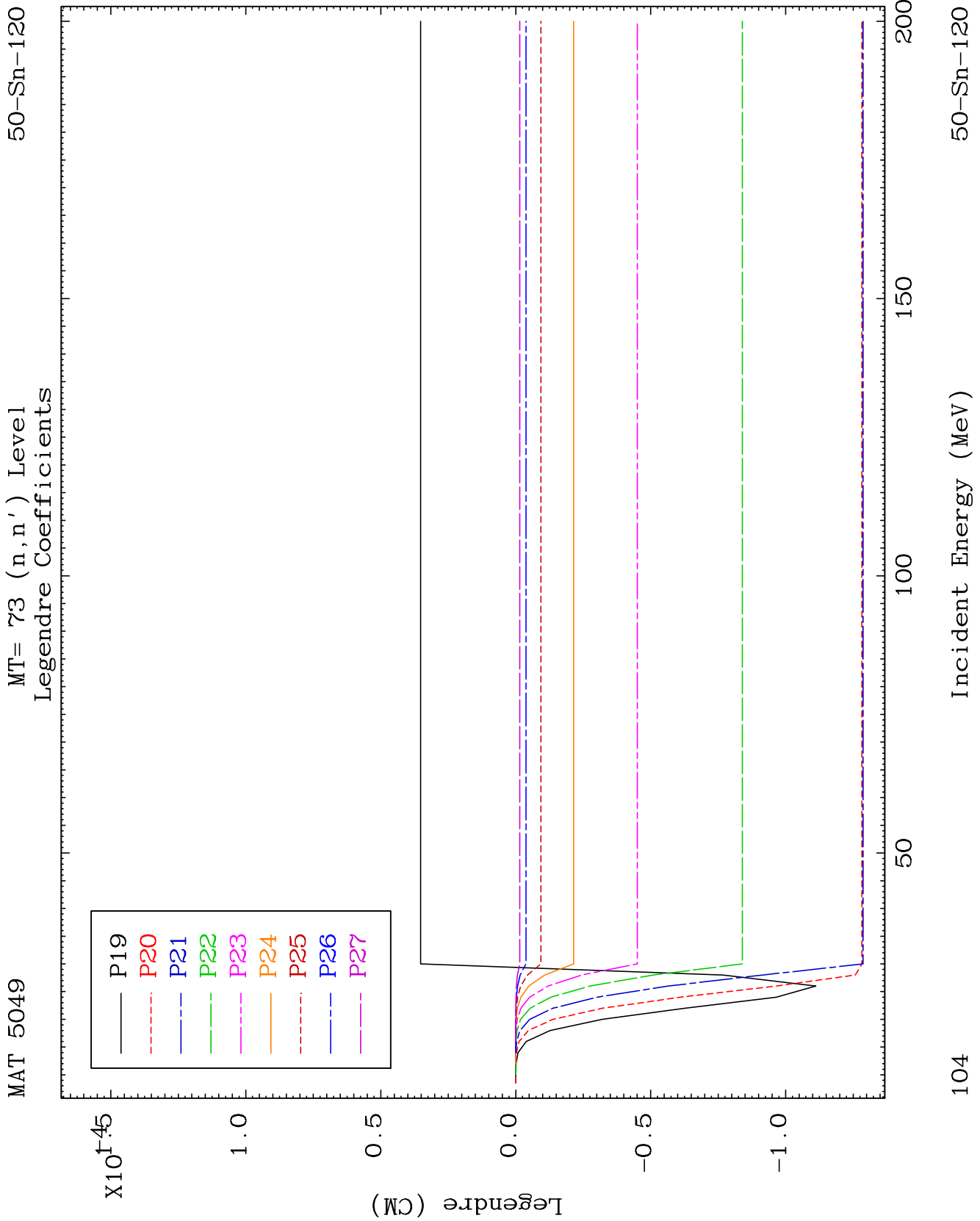


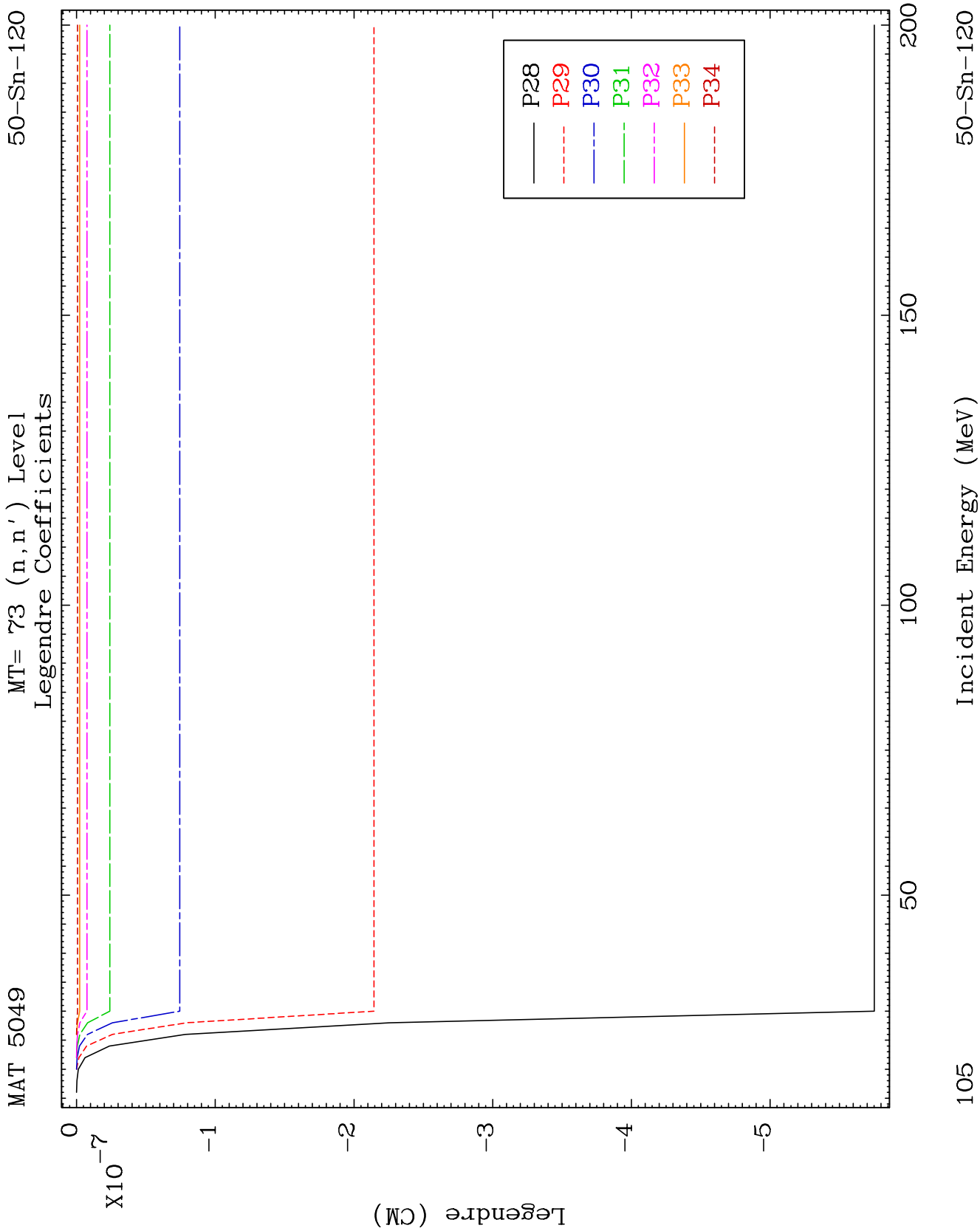
MAT 5049

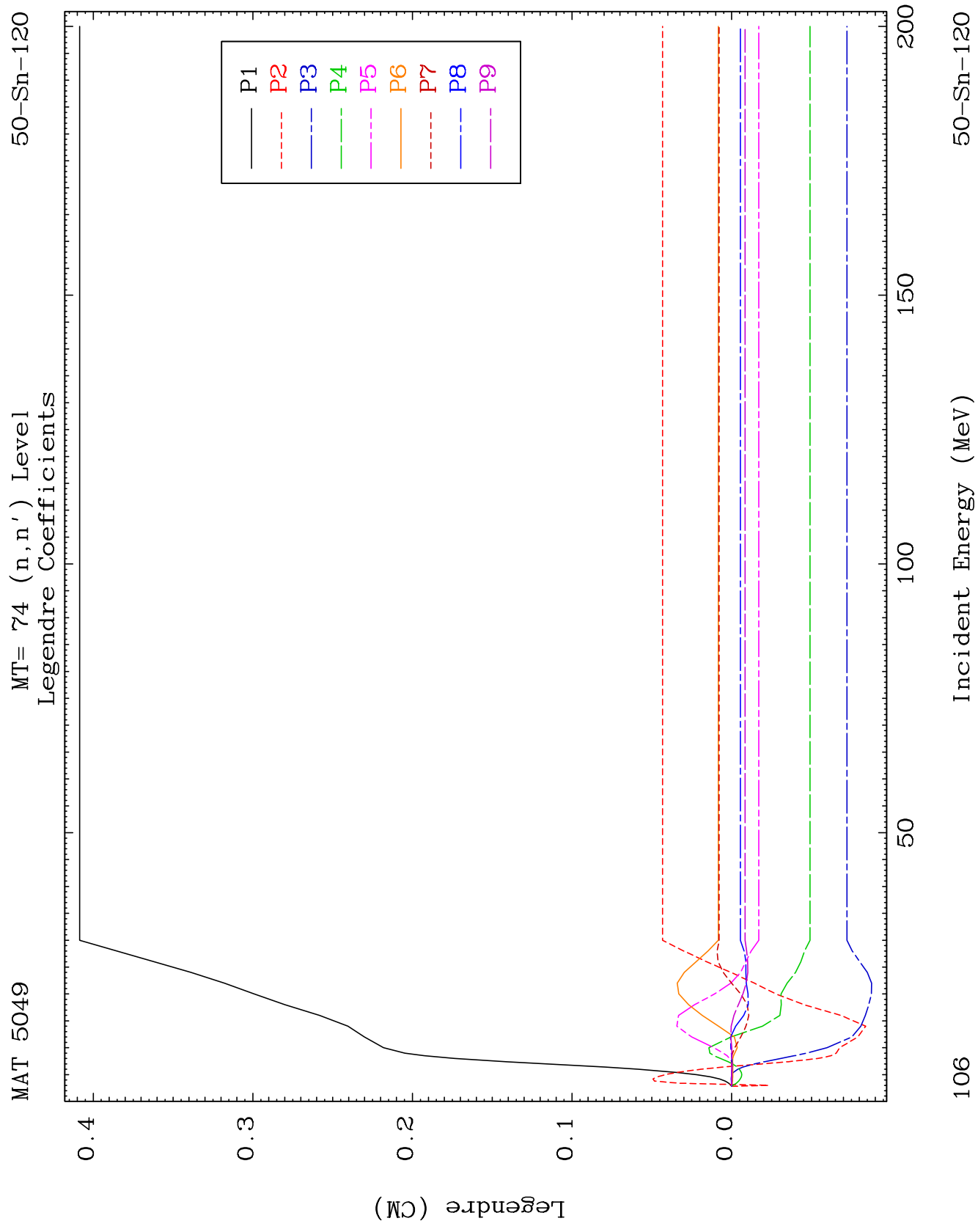
MT= 73 (n, n') Level
Legendre Coefficients

50-Sn-120





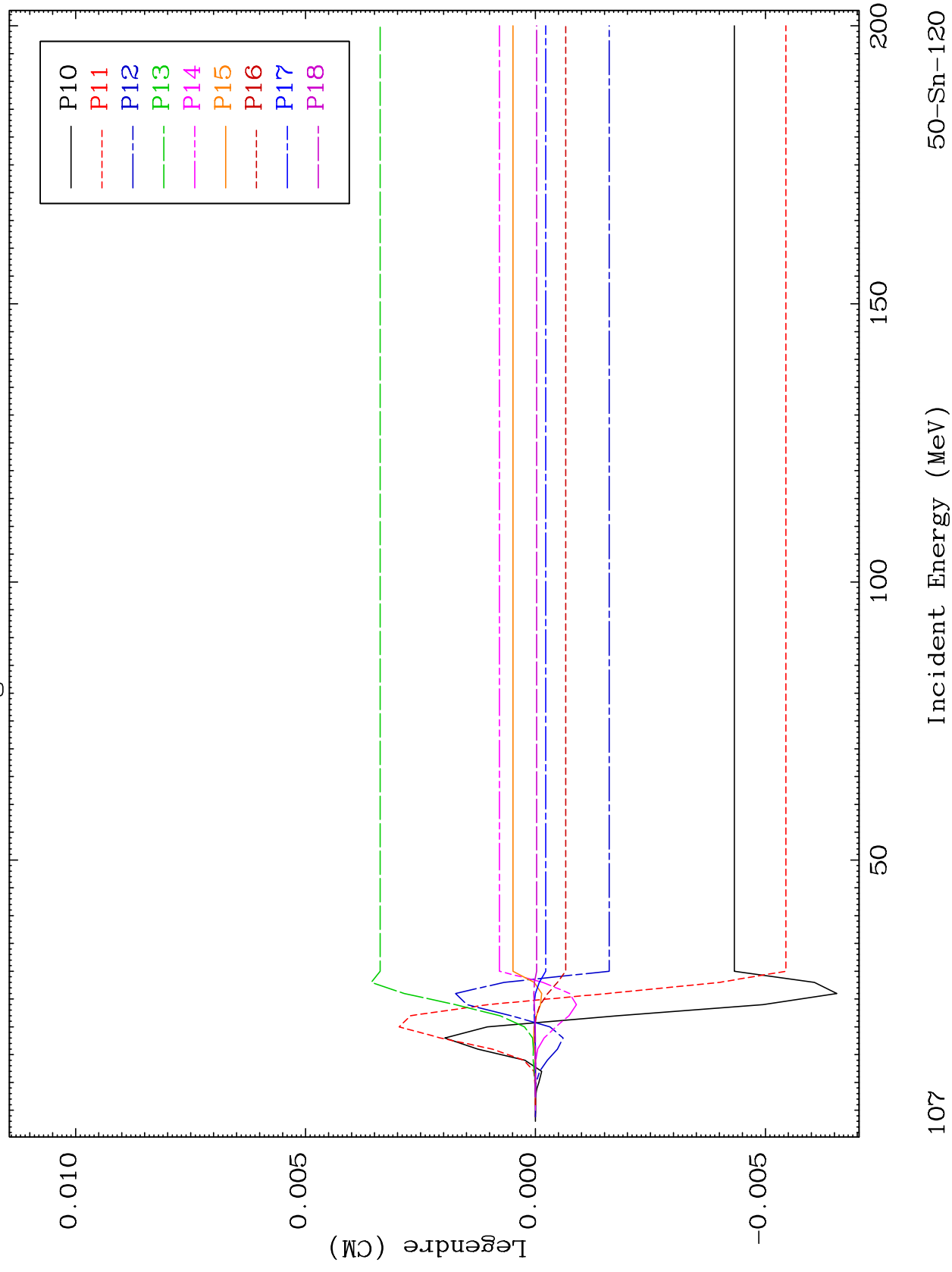




MAT 5049

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

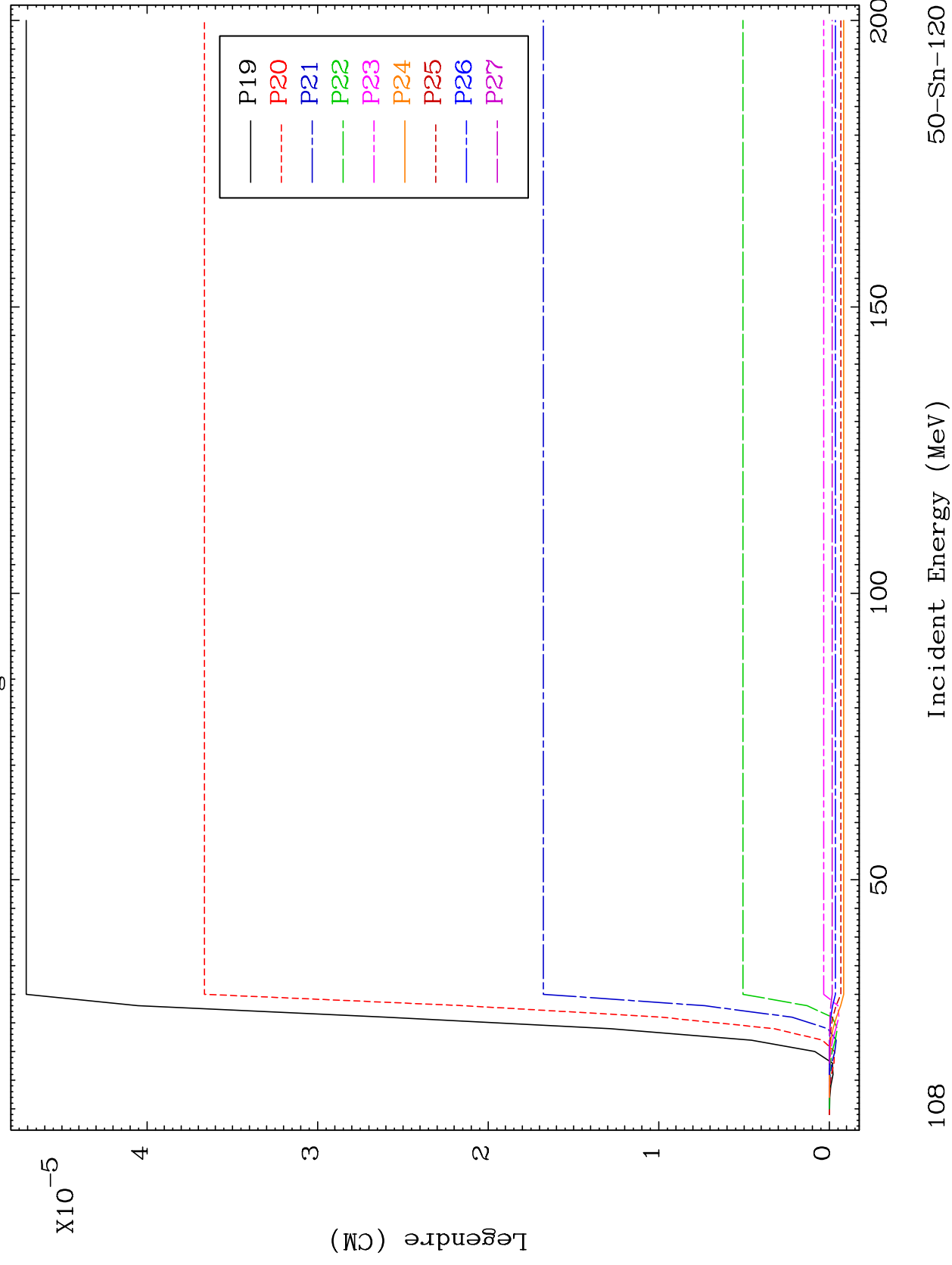
50-Sn-120



MAT 5049

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

50-Sn-120

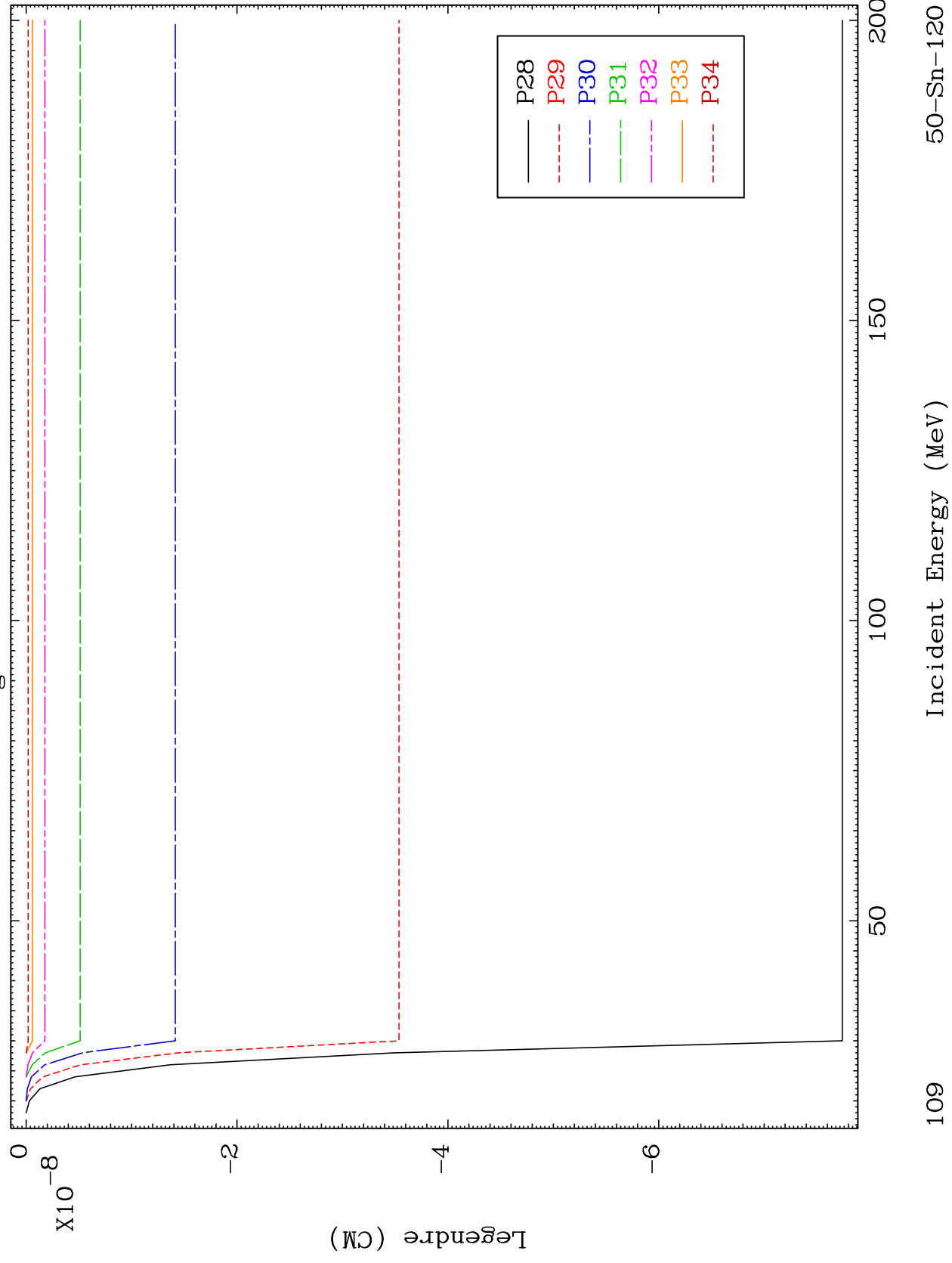


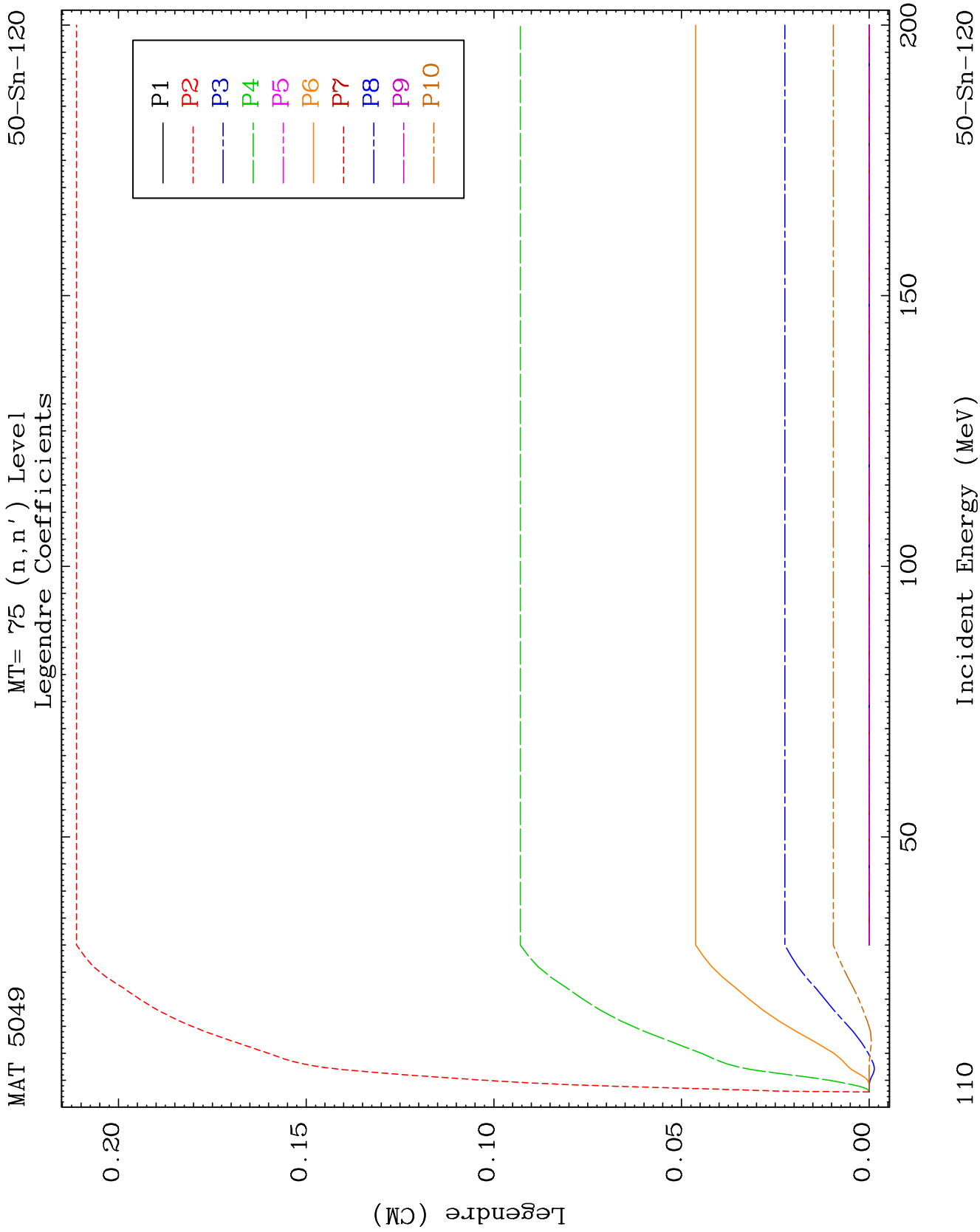
MAT 5049

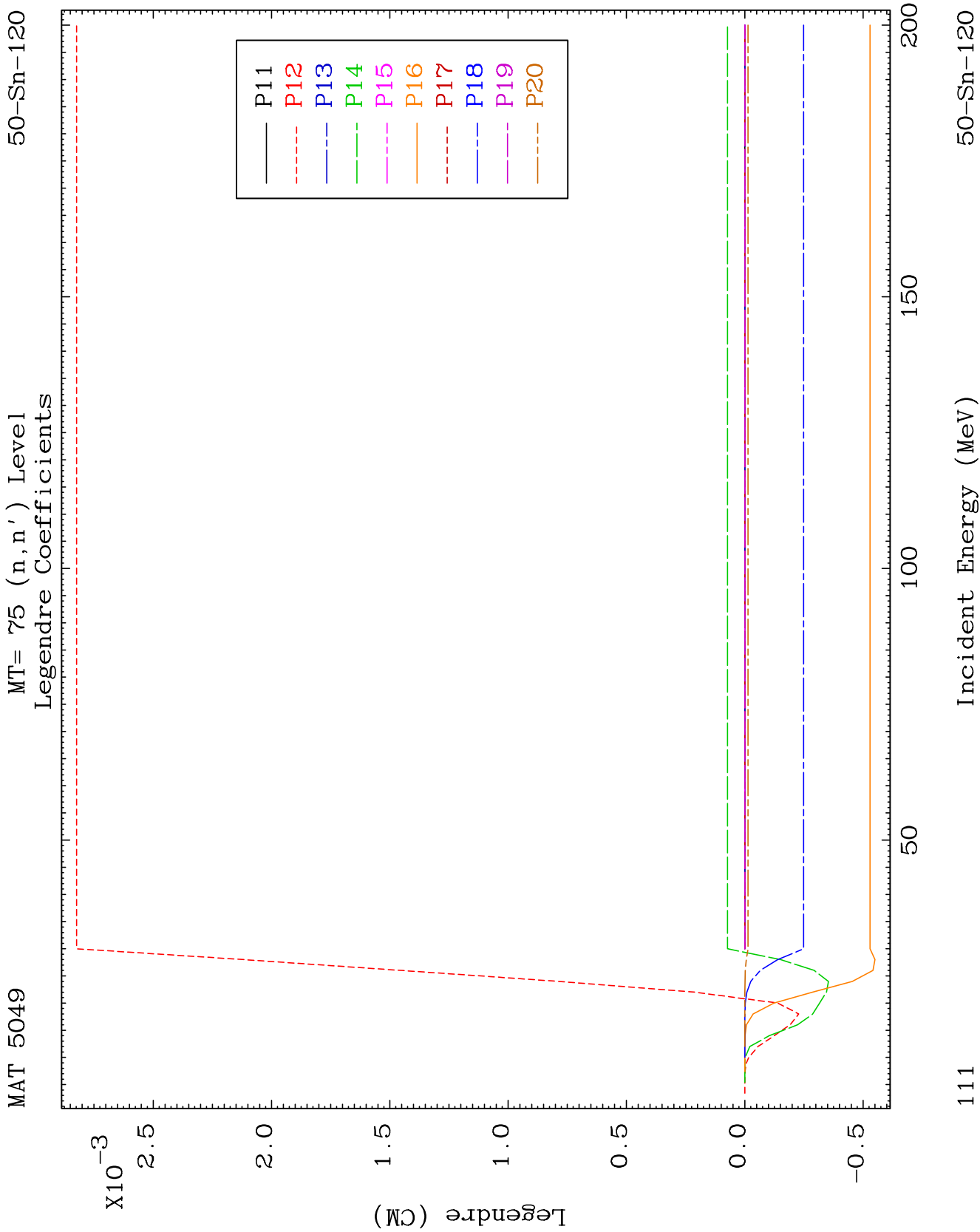
MT=74 (n,n') Level

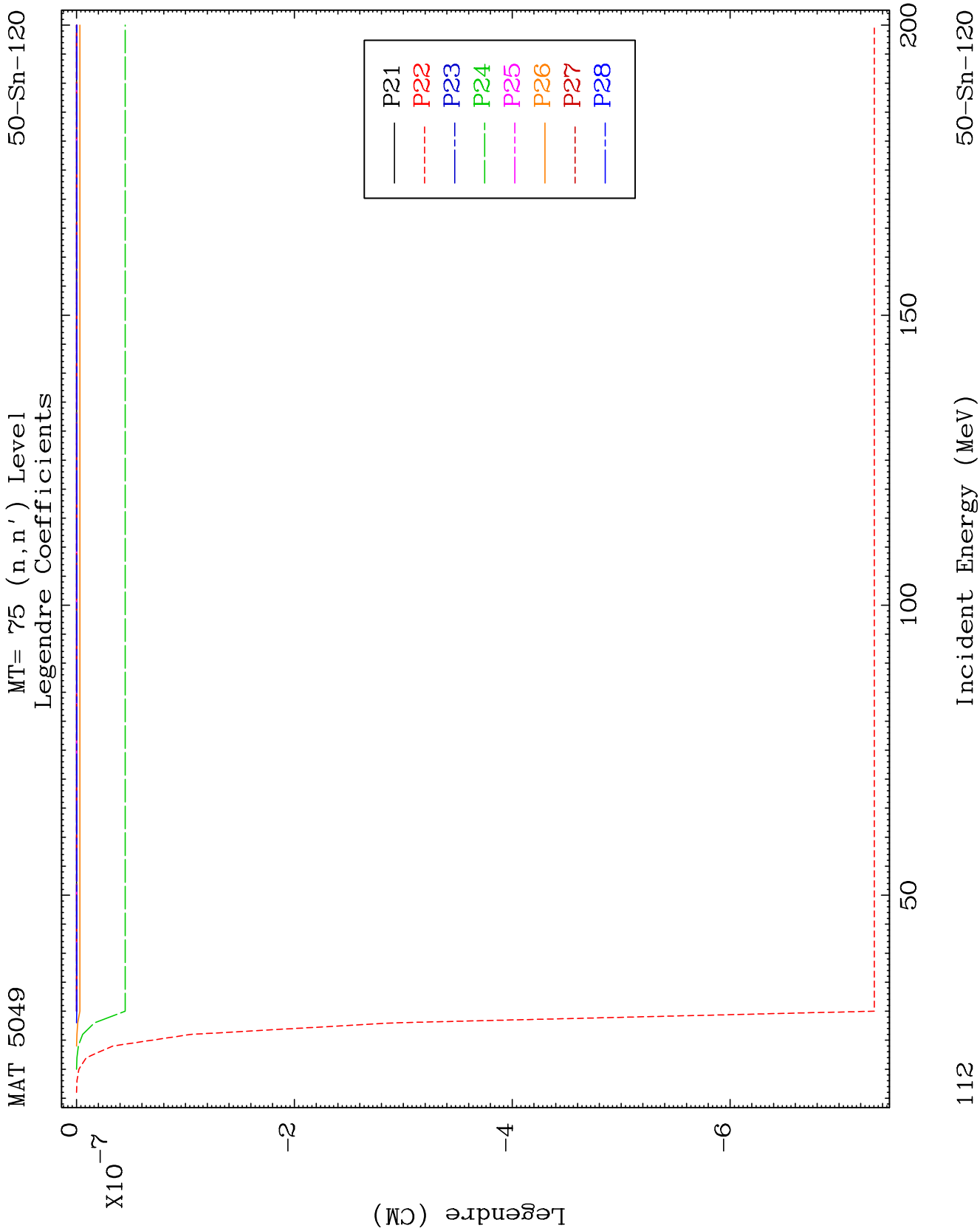
50-Sn-120

Legendre Coefficients





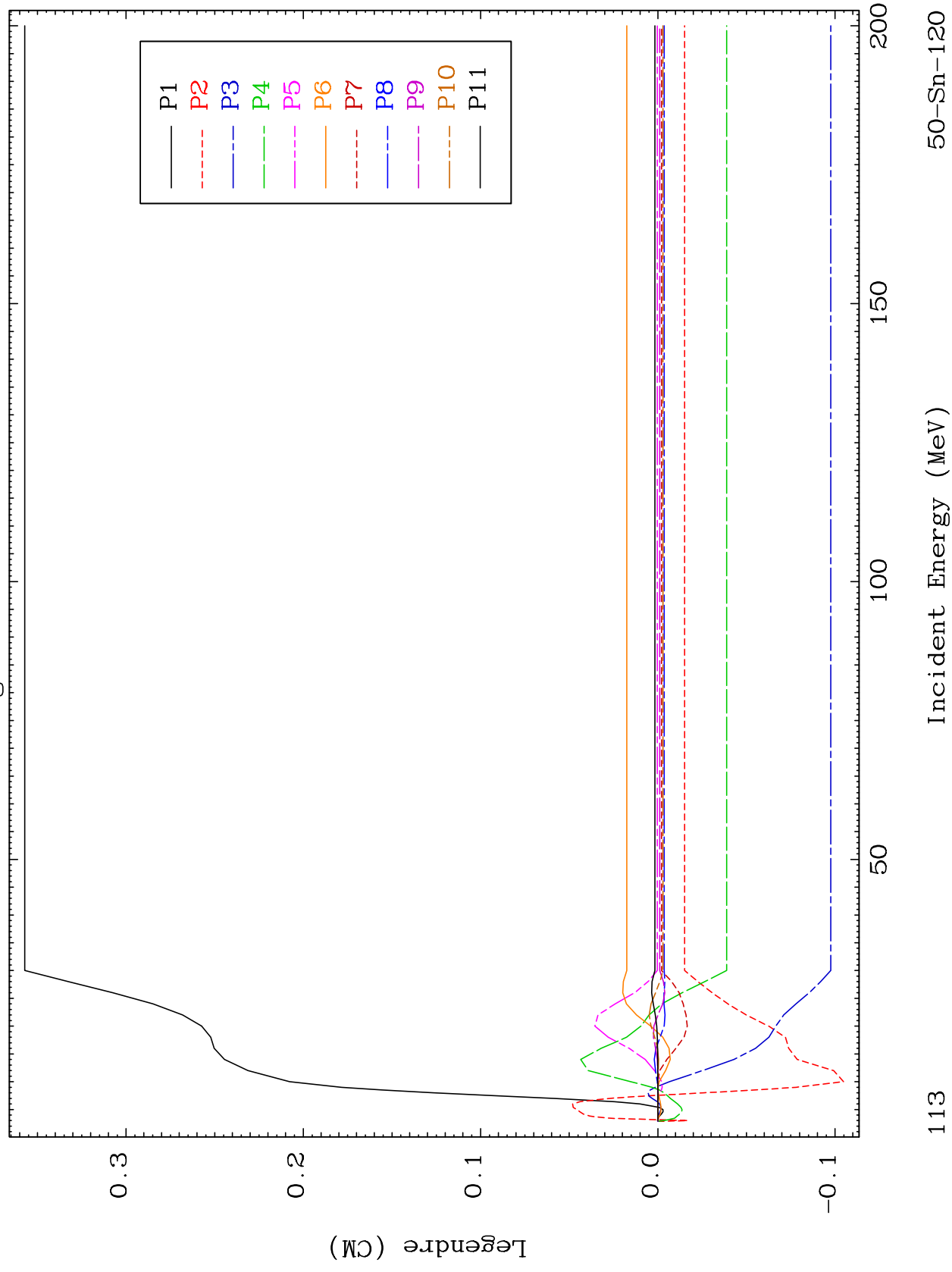


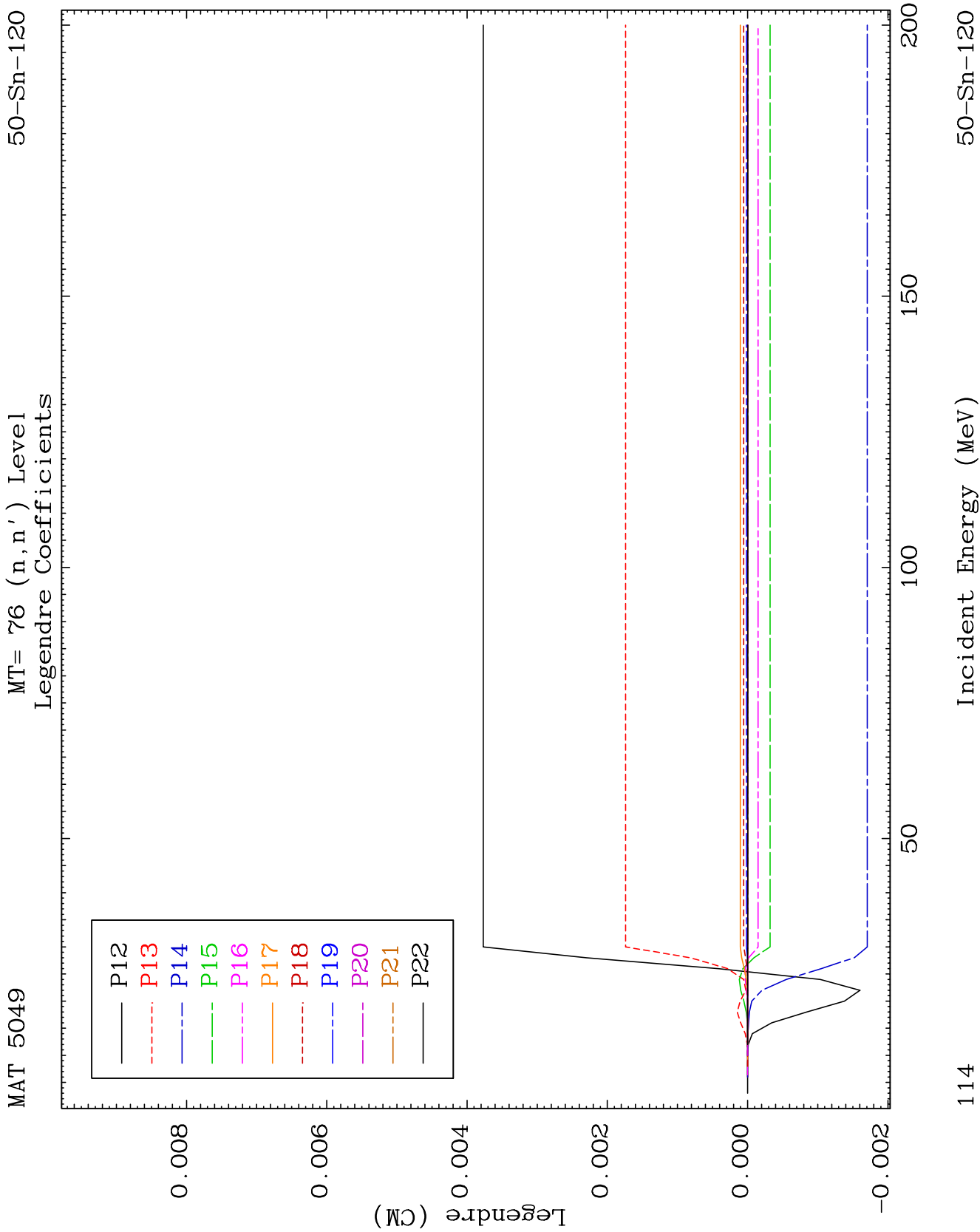


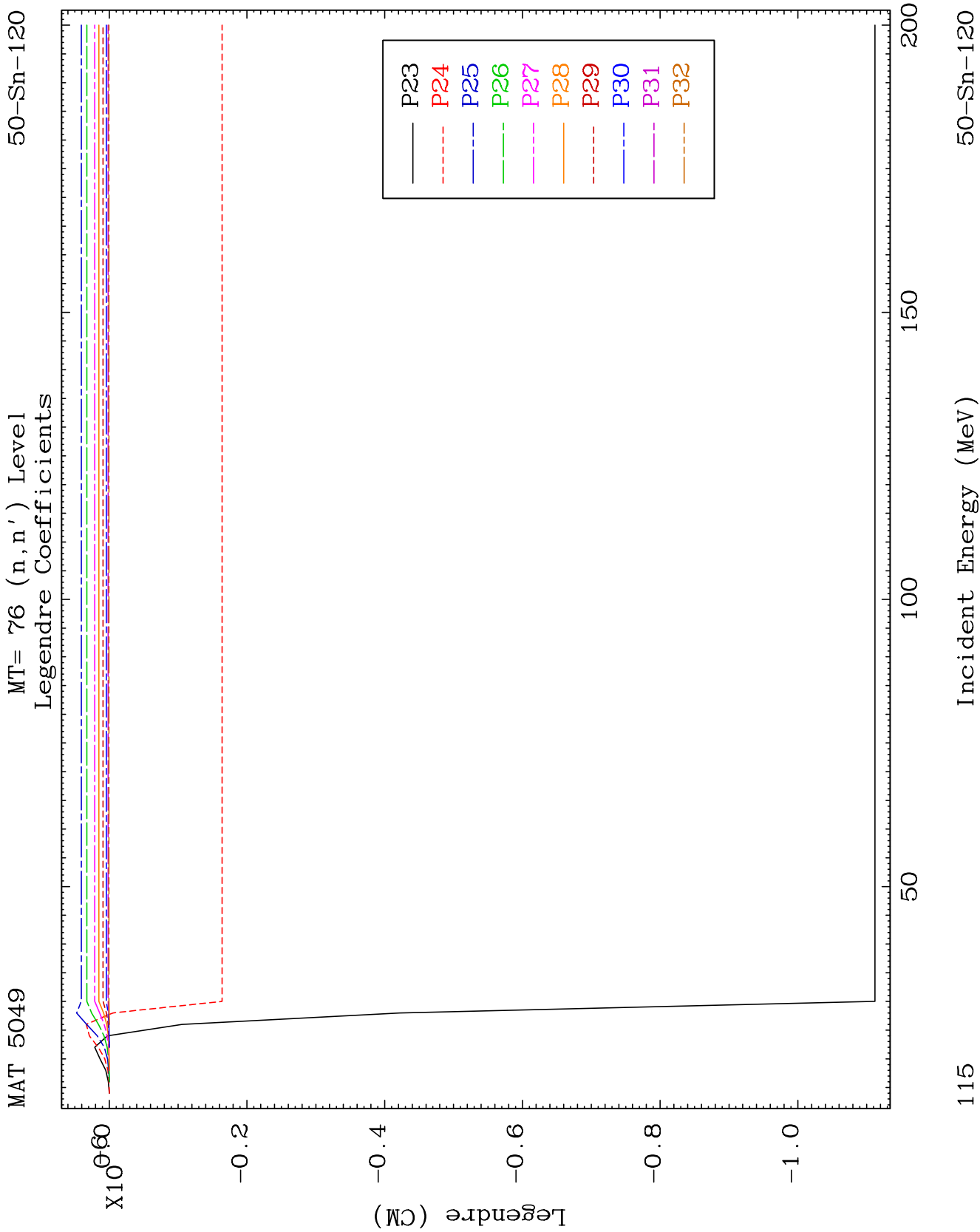
MAT 5049

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

50-Sn-120



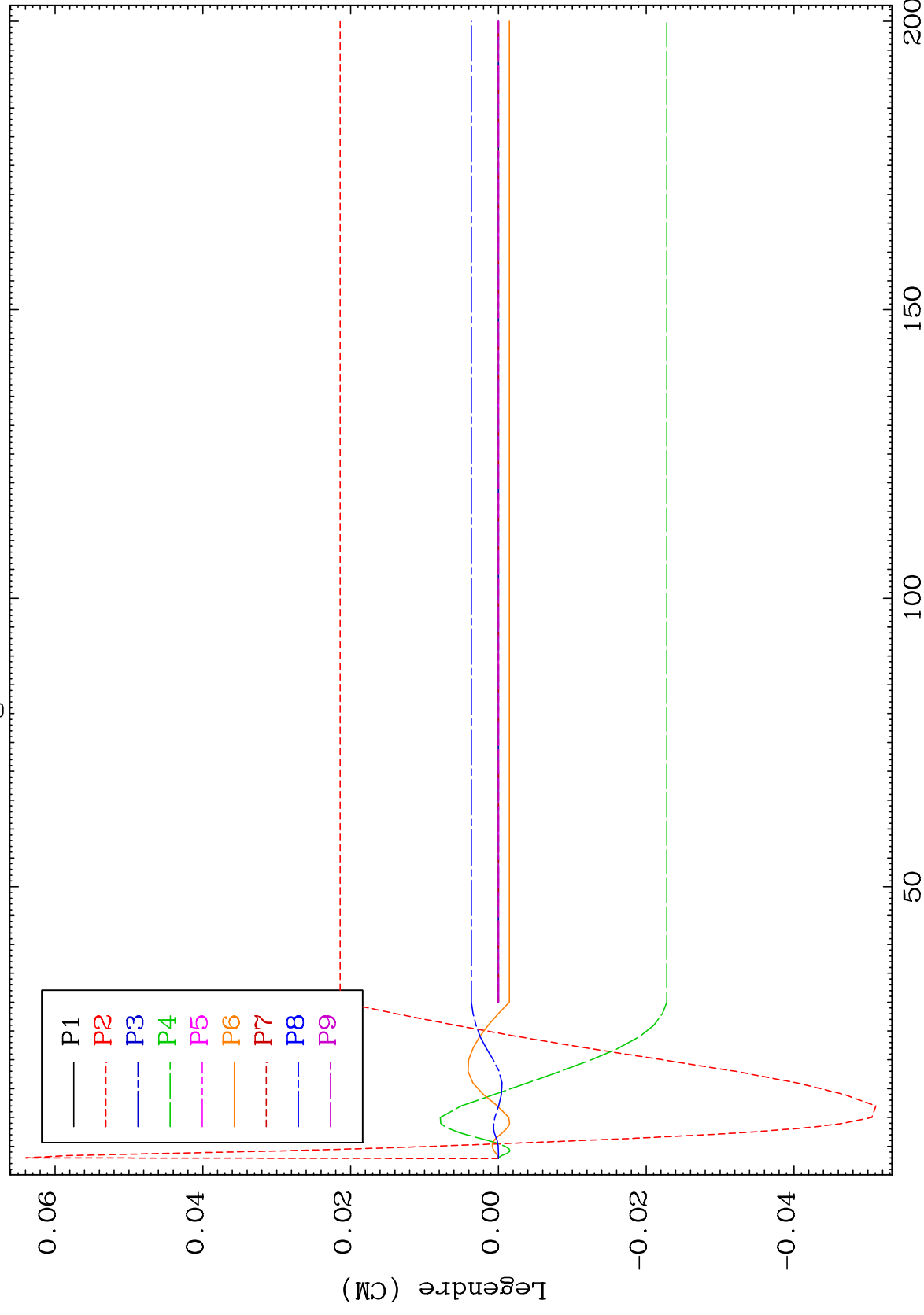




MAT 5049

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

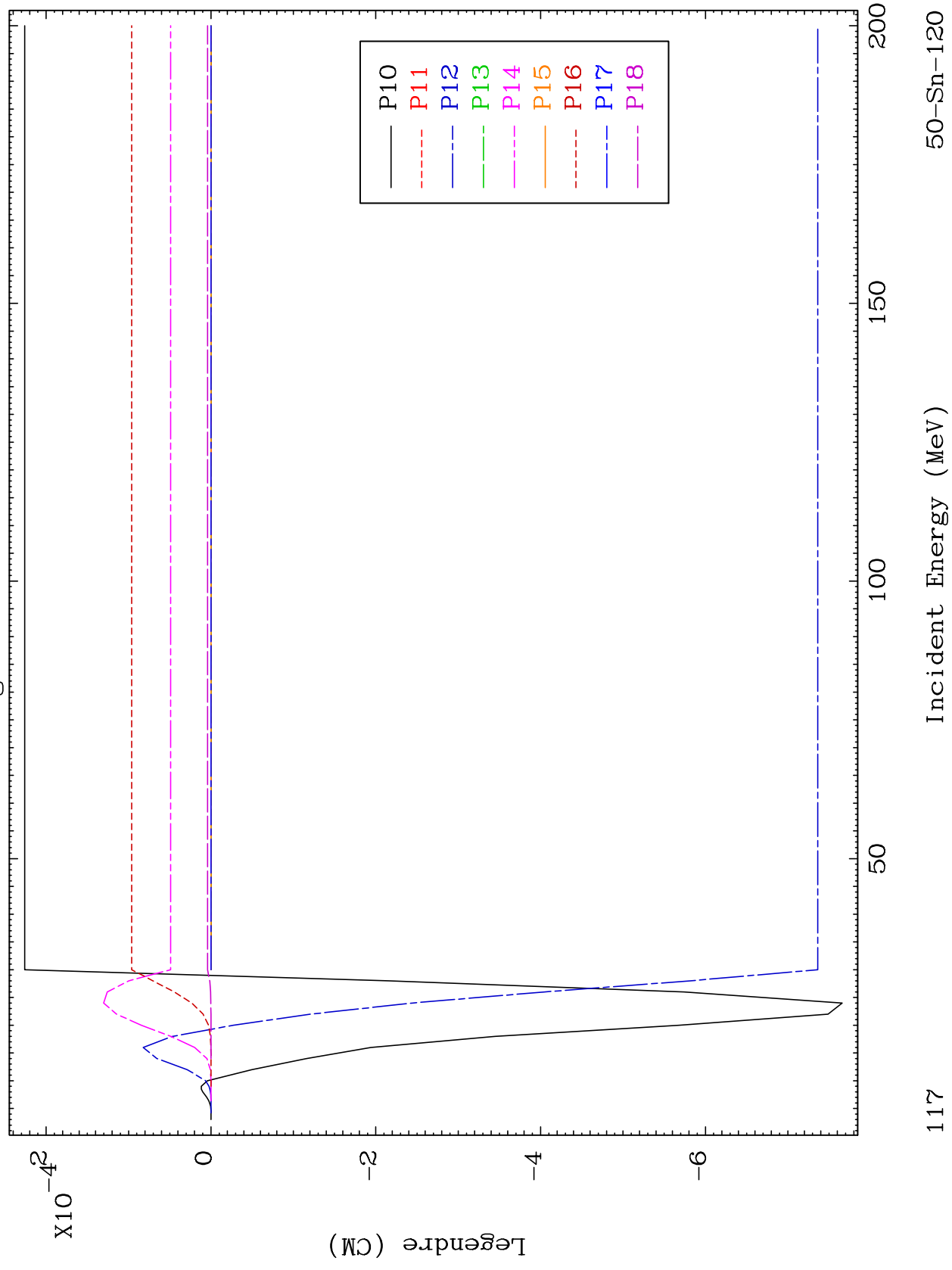
50-Sn-120

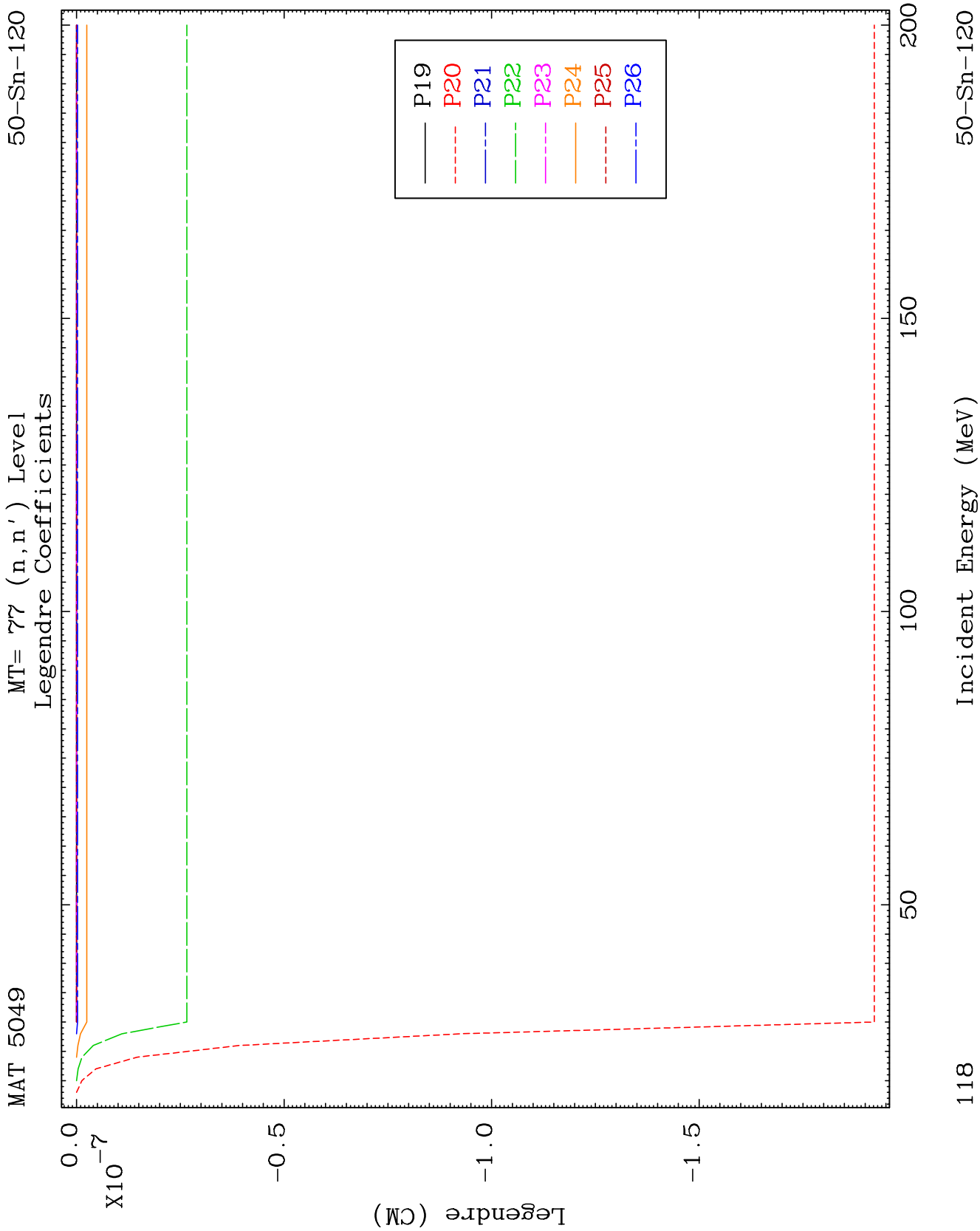


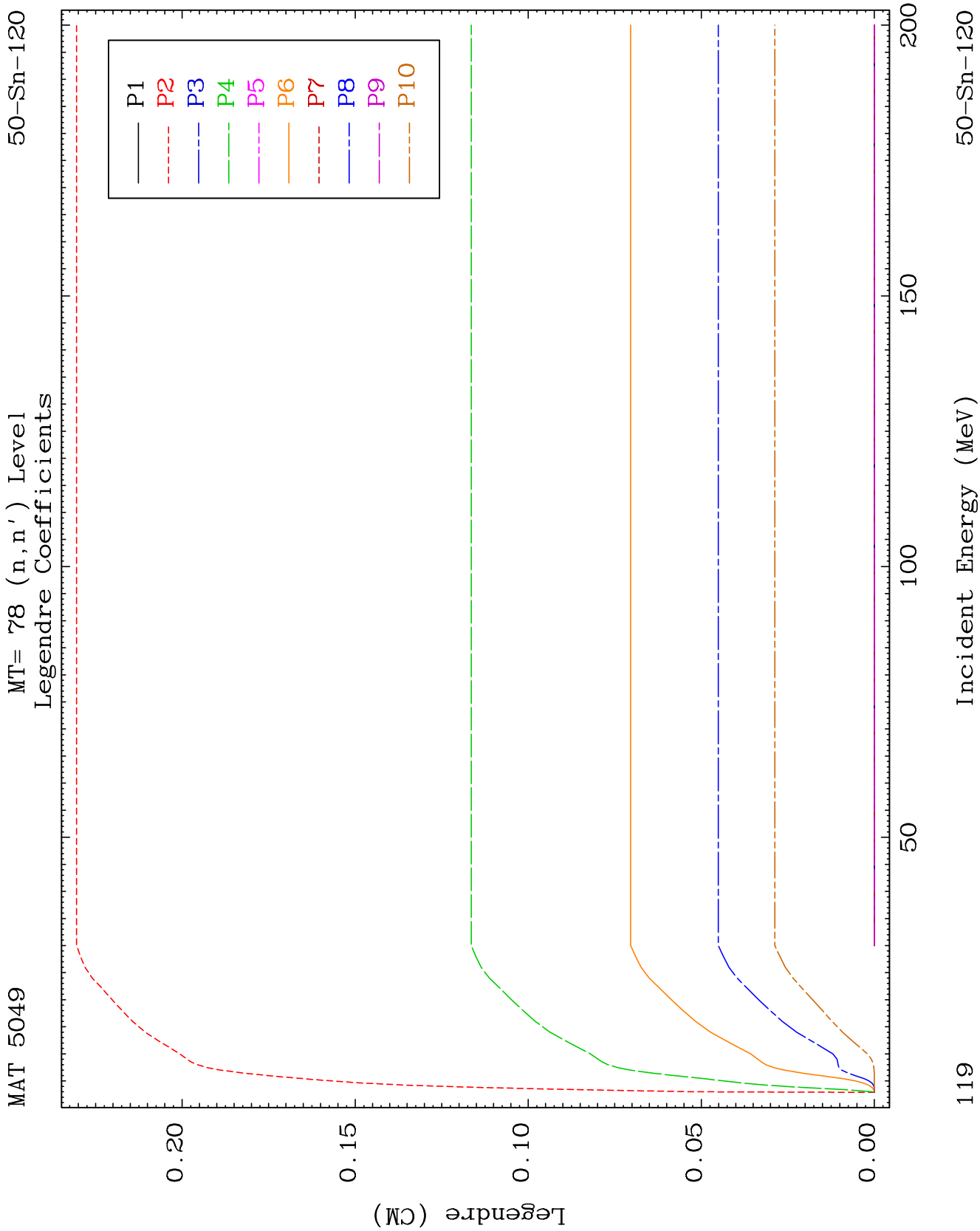
116

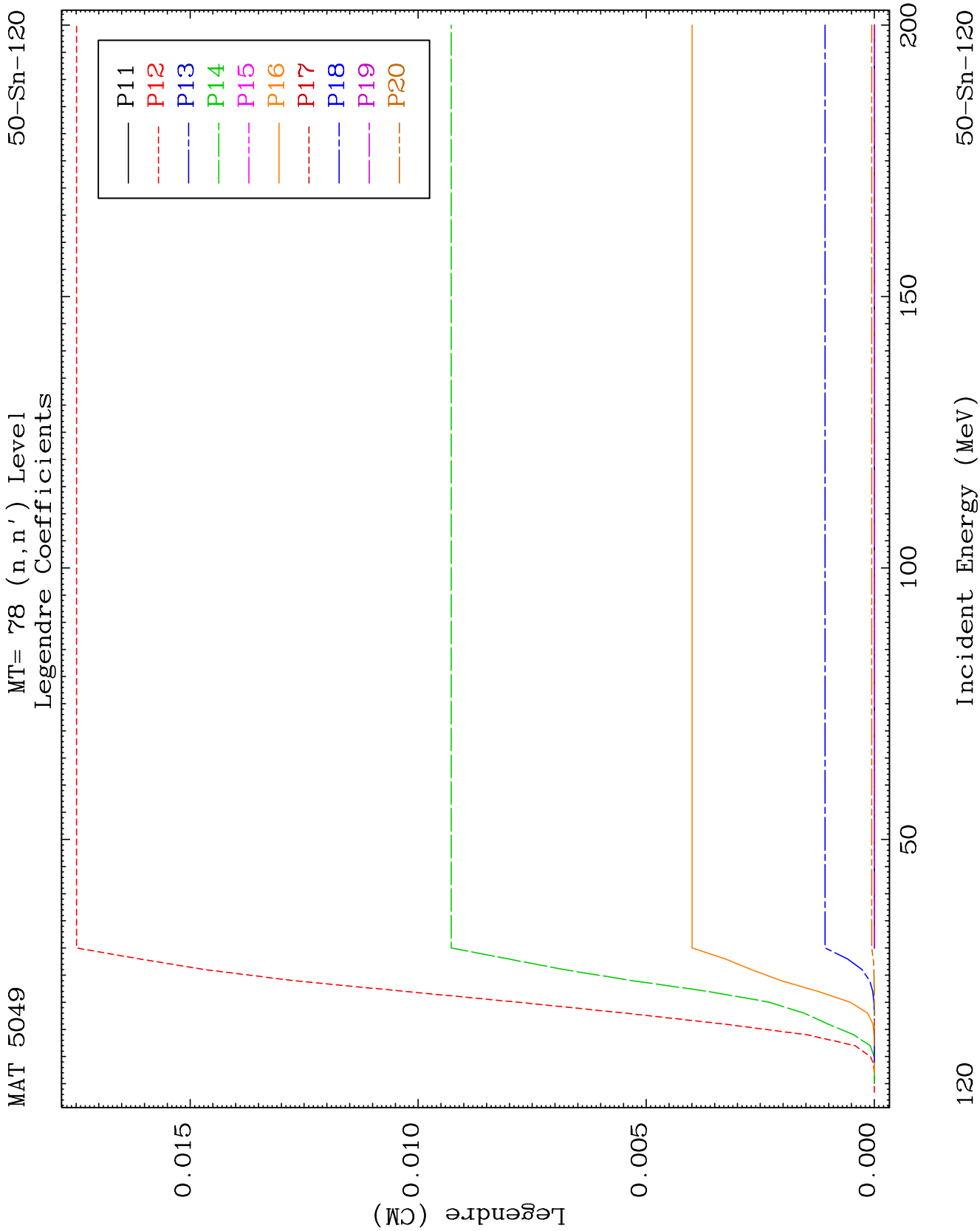
Incident Energy (MeV)

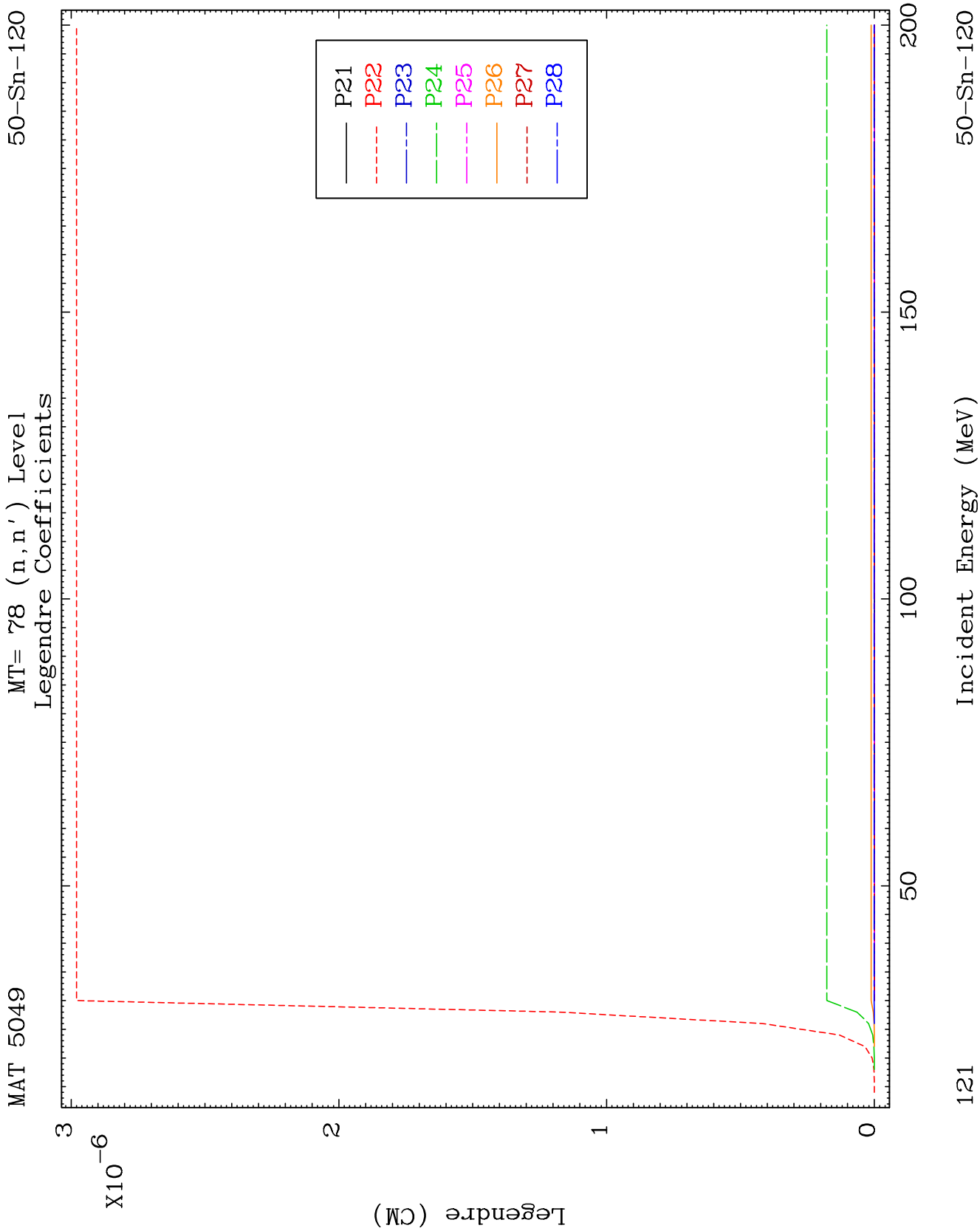
50-Sn-120







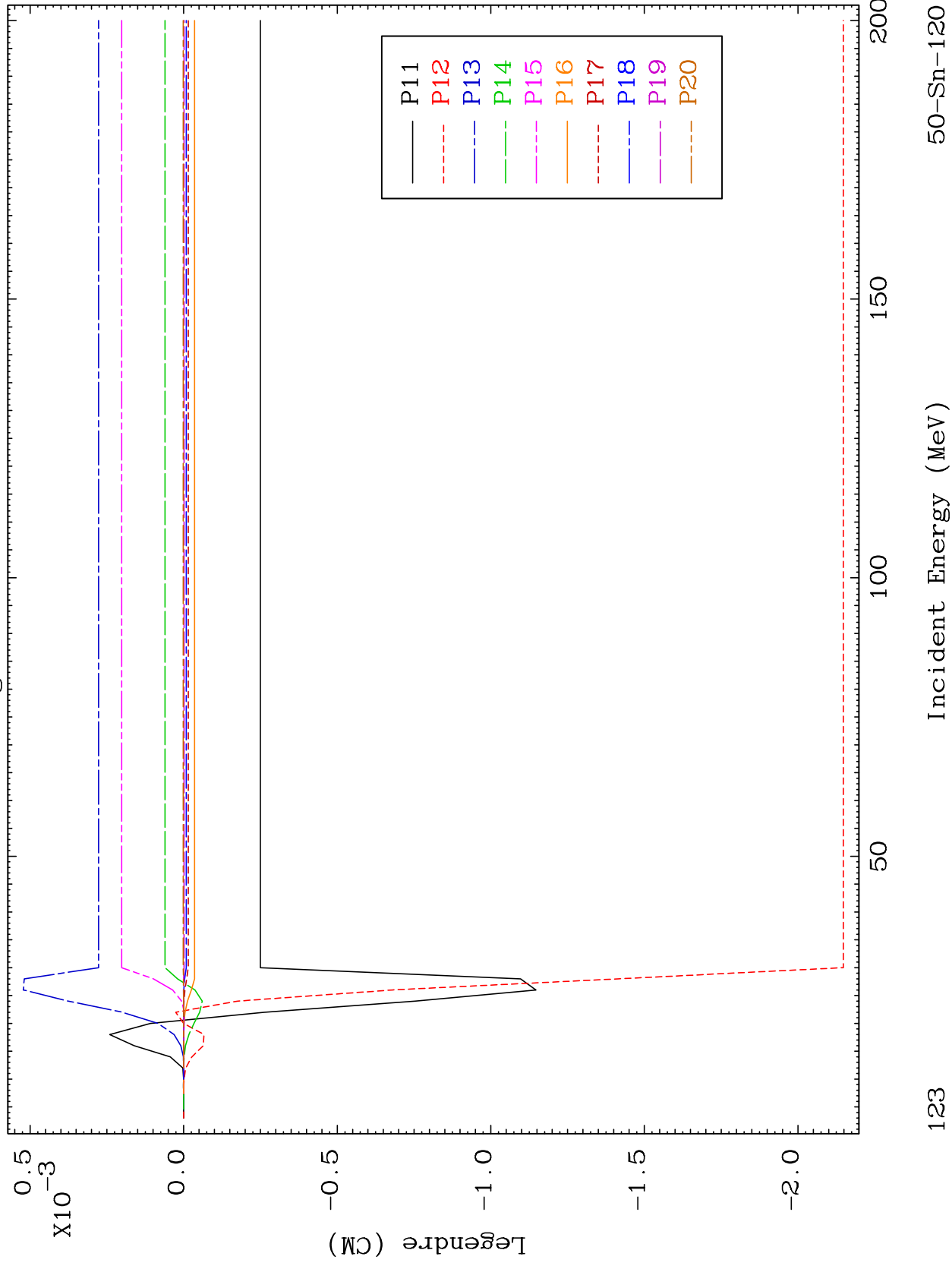


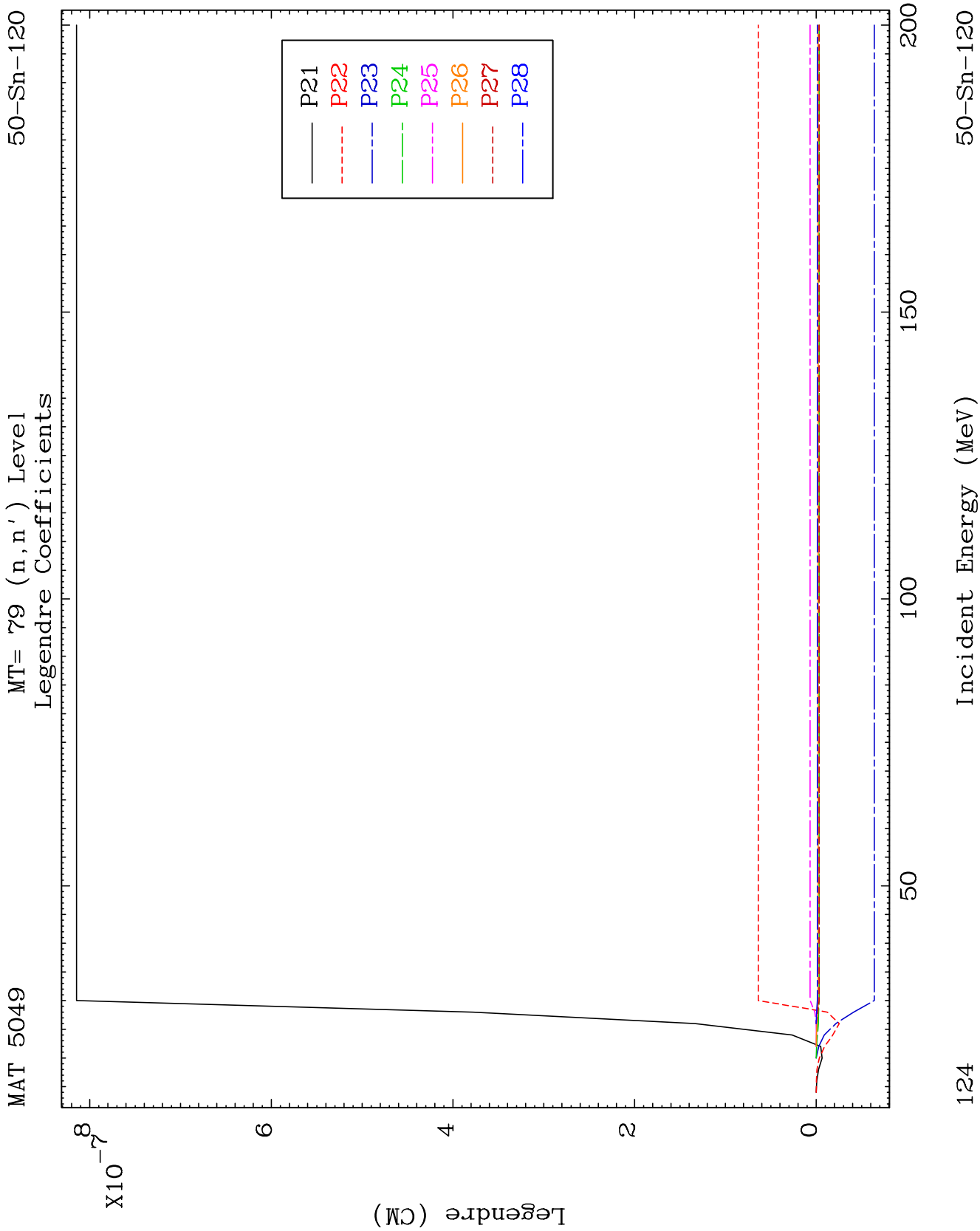


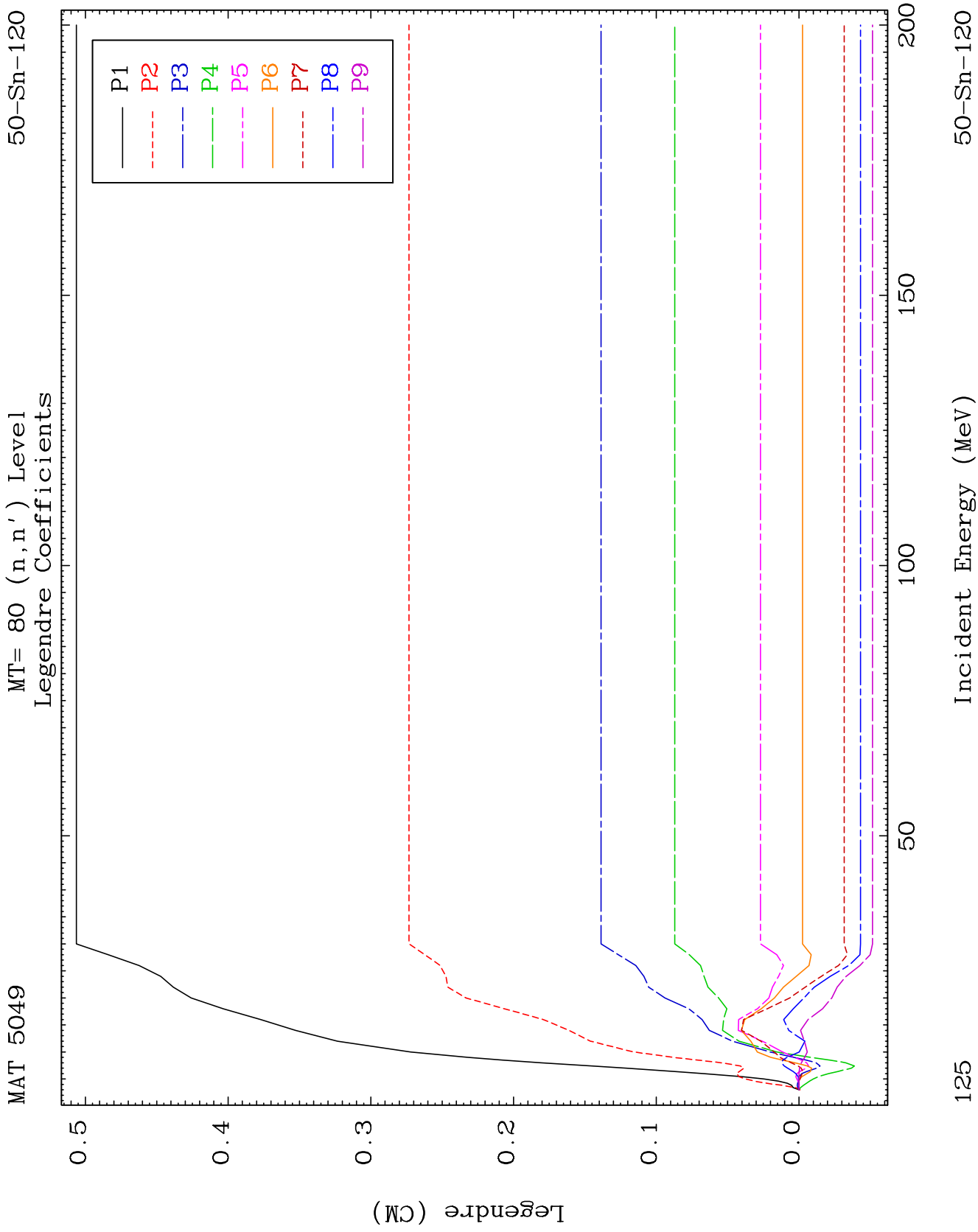
MAT 5049

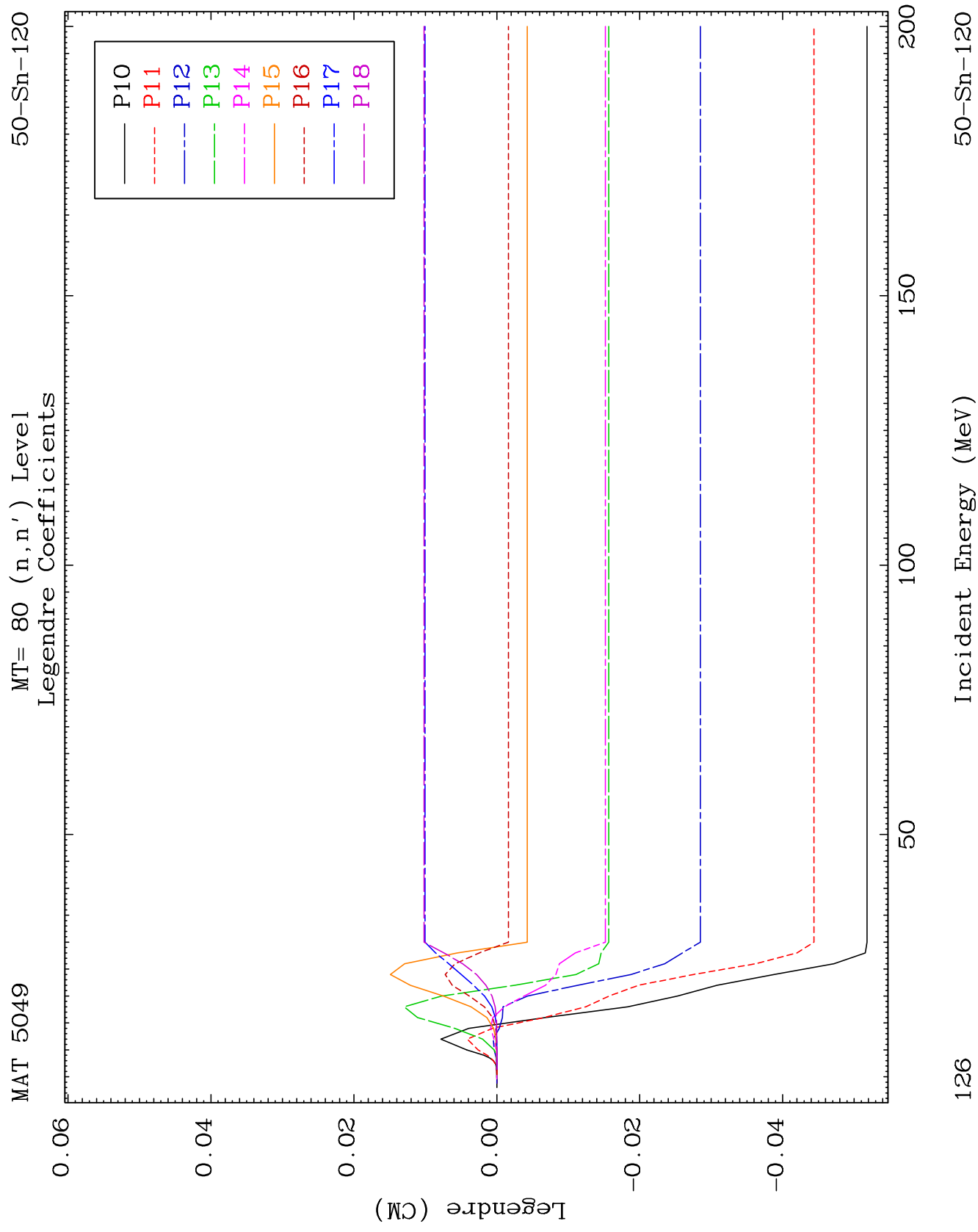
MT= 79 (n, n') Level
Legendre Coefficients

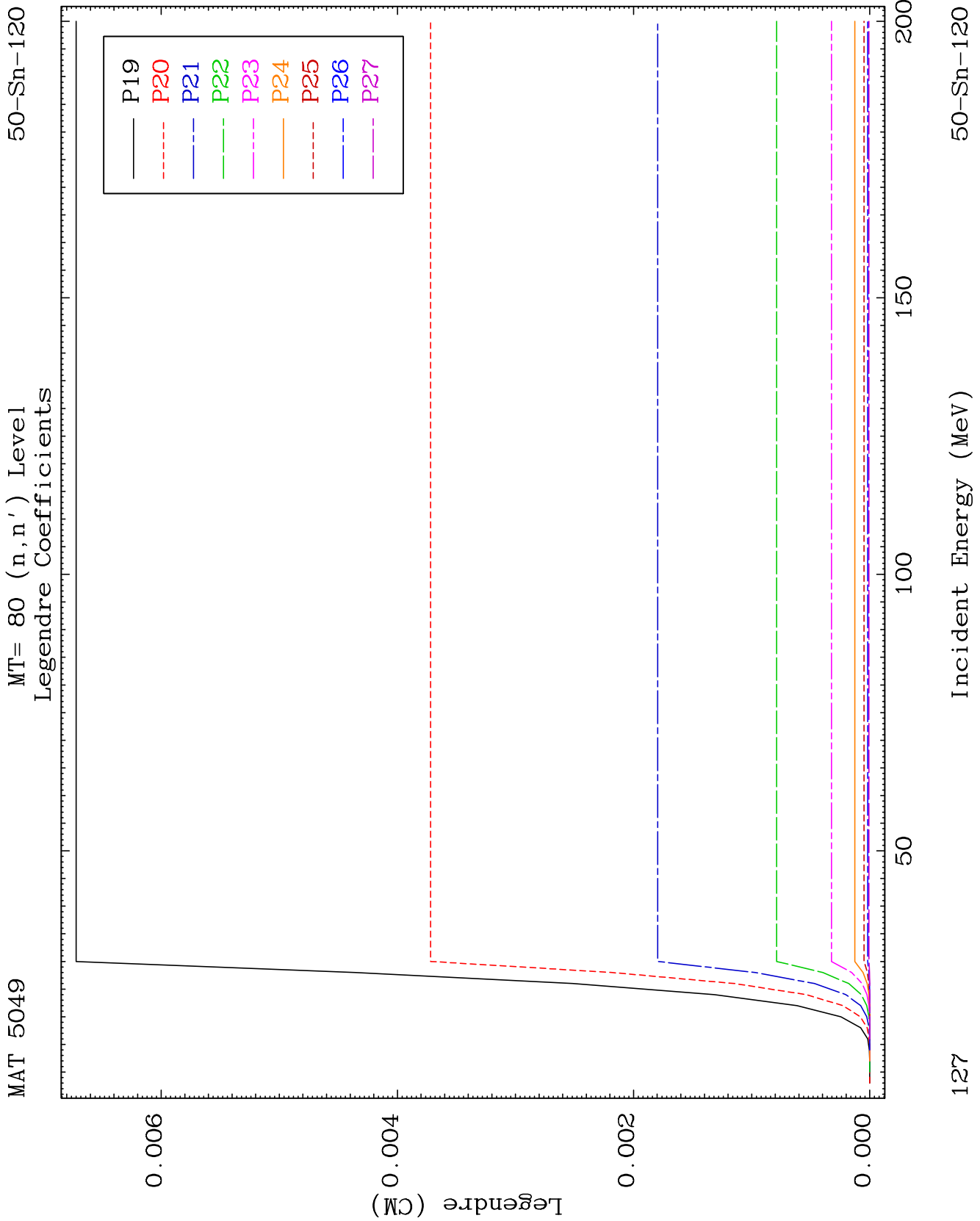
50-Sn-120

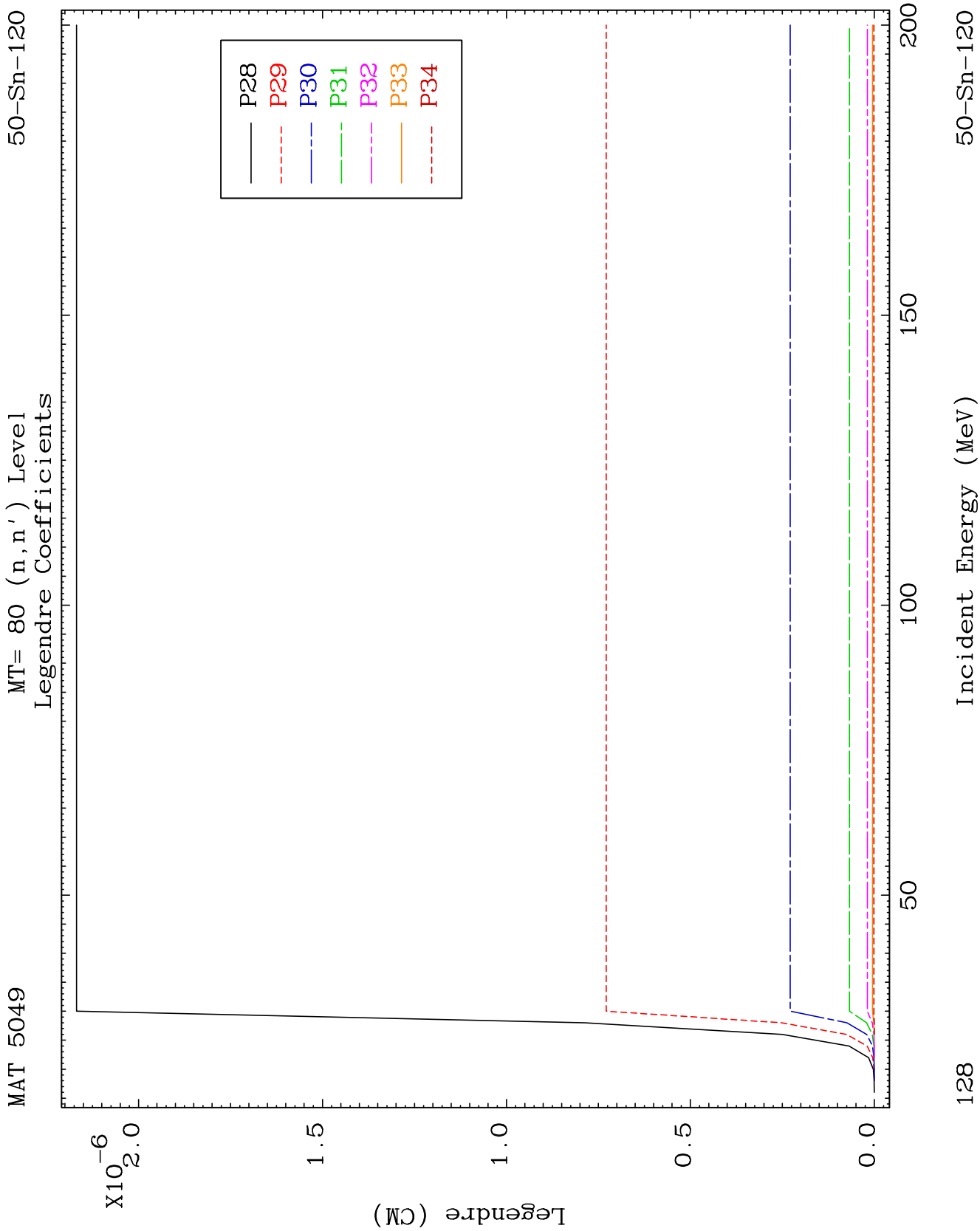


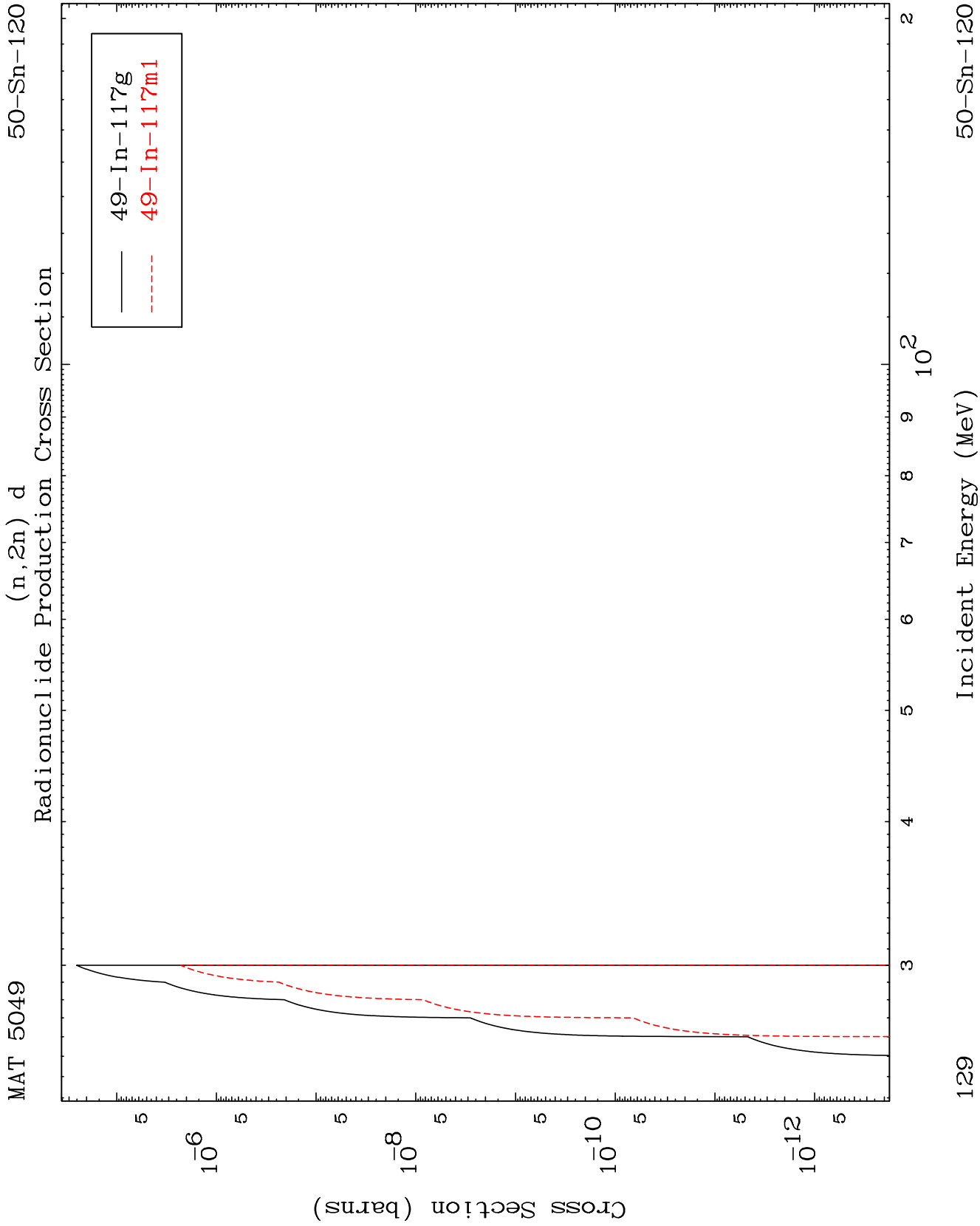


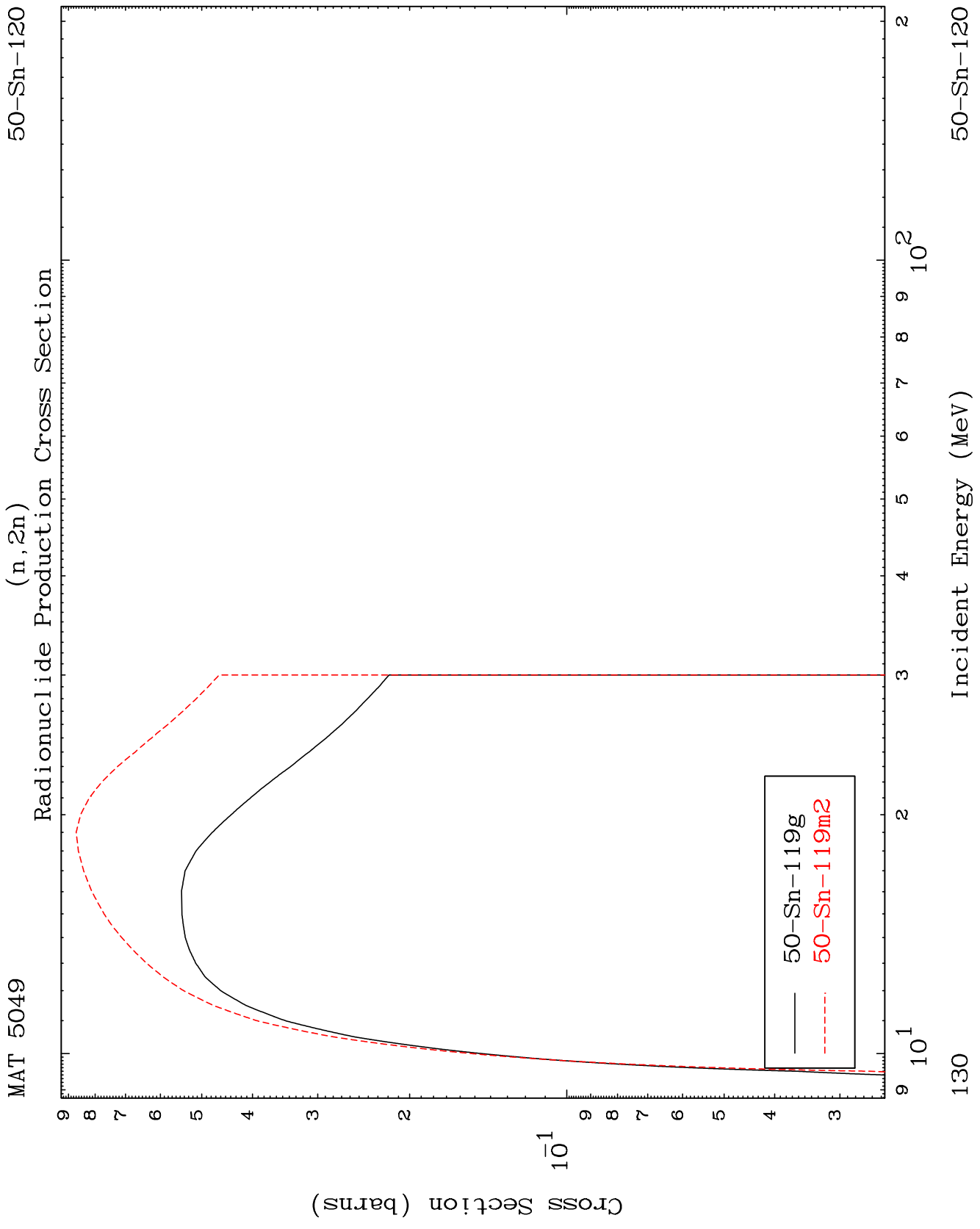








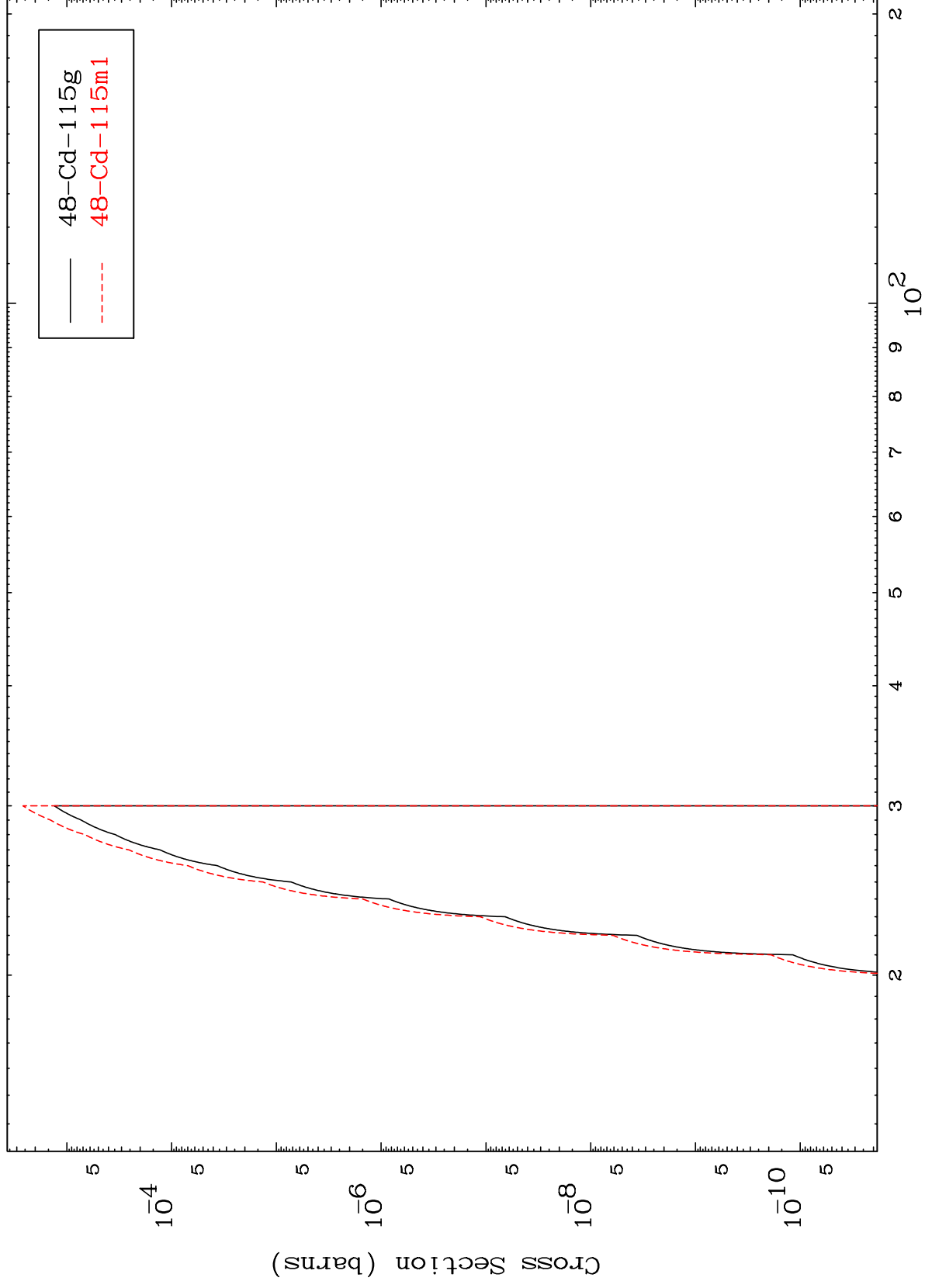




MAT 5049

50-Sn-120

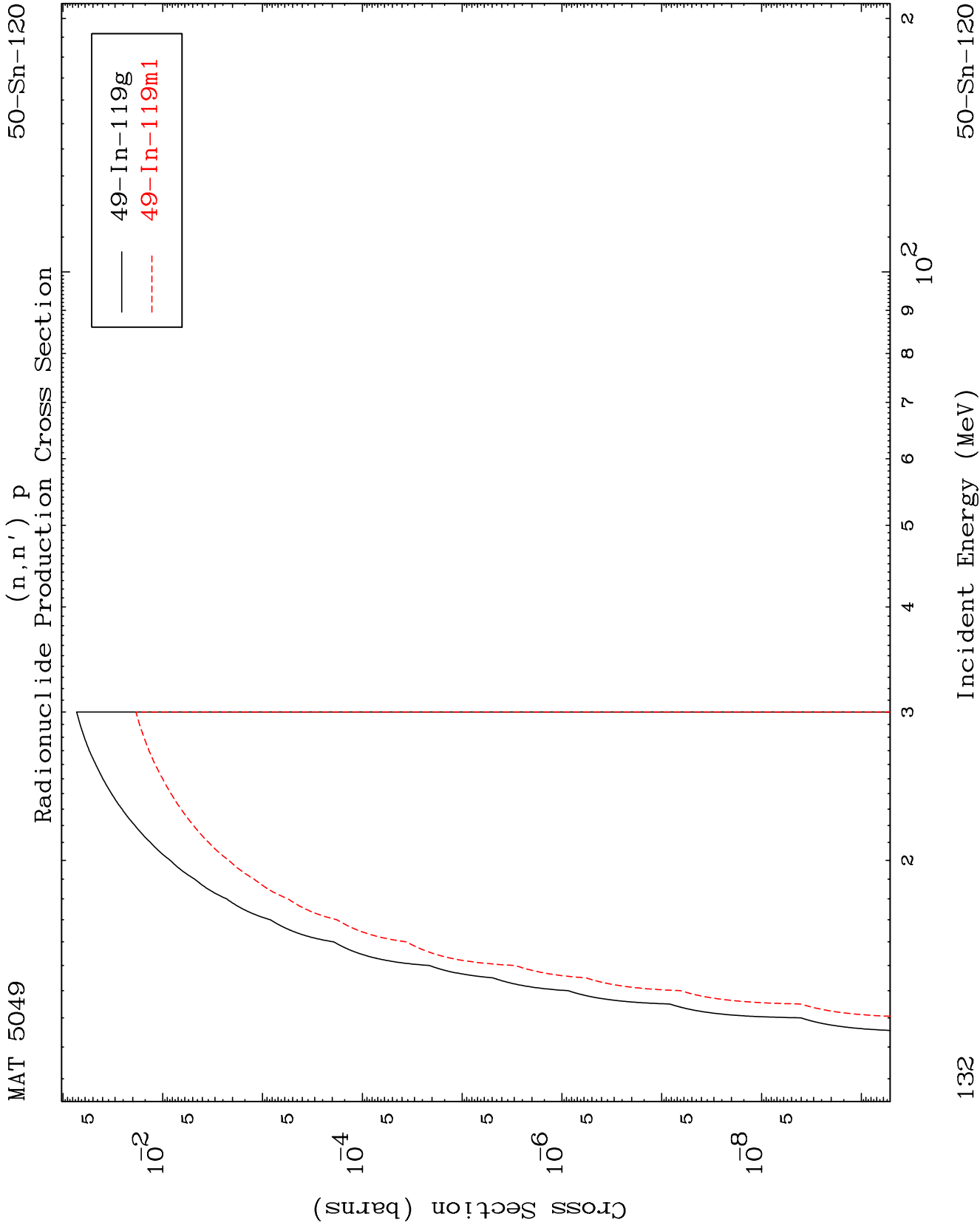
$(n,2n) \alpha$
Radionuclide Production Cross Section

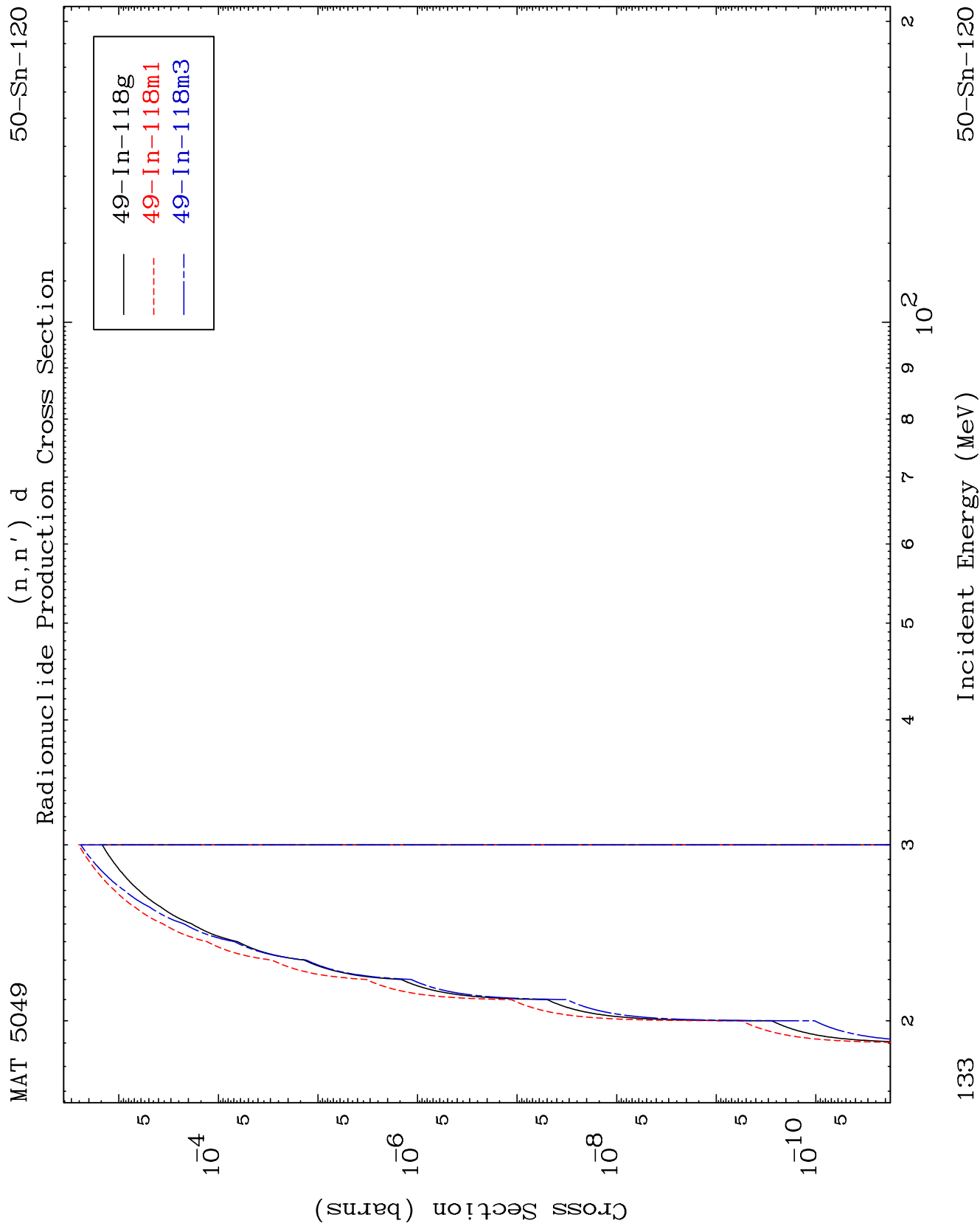


131

Incident Energy (MeV)

50-Sn-120



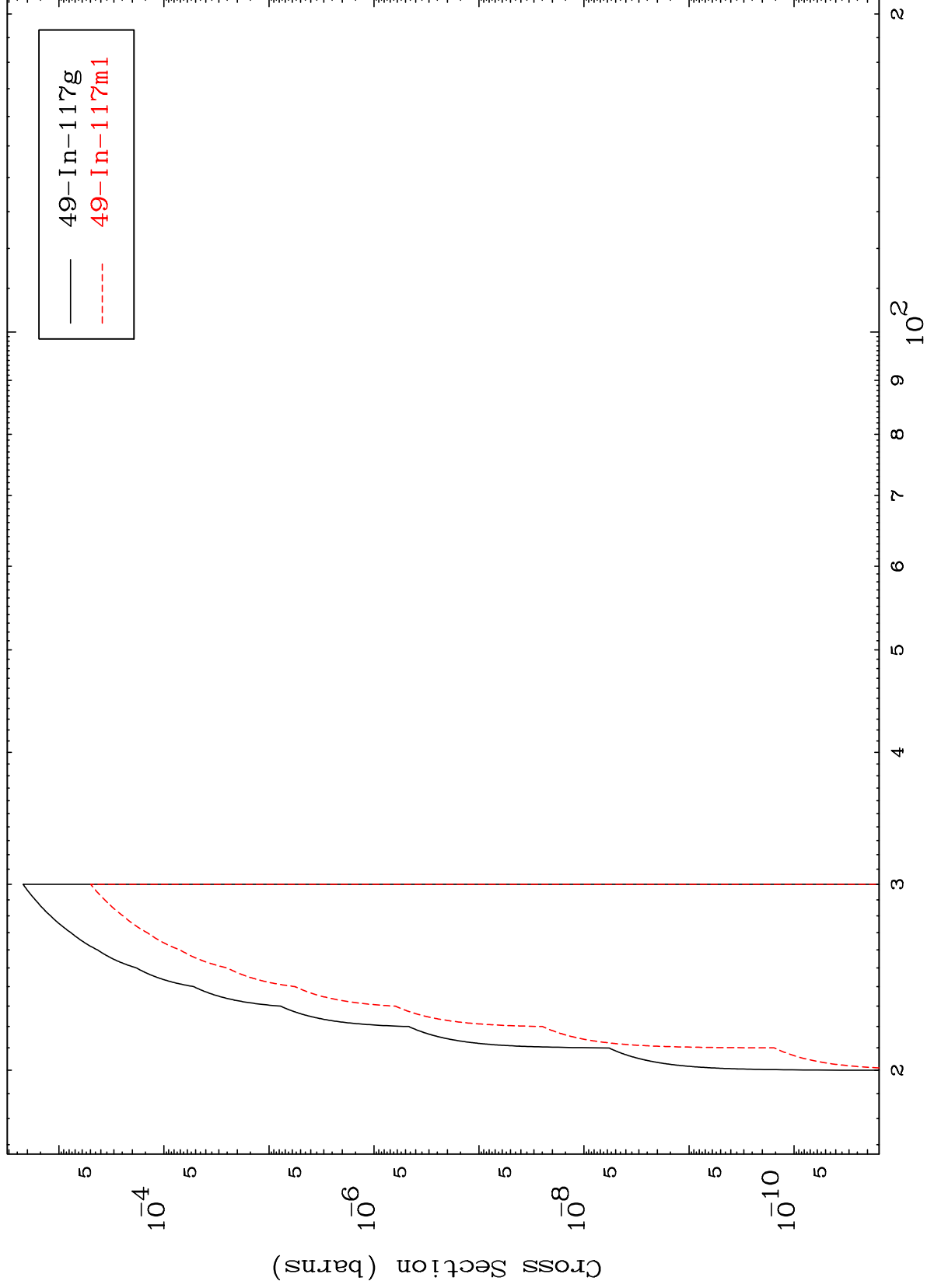


MAT 5049

(n,n') t

50-Sn-120

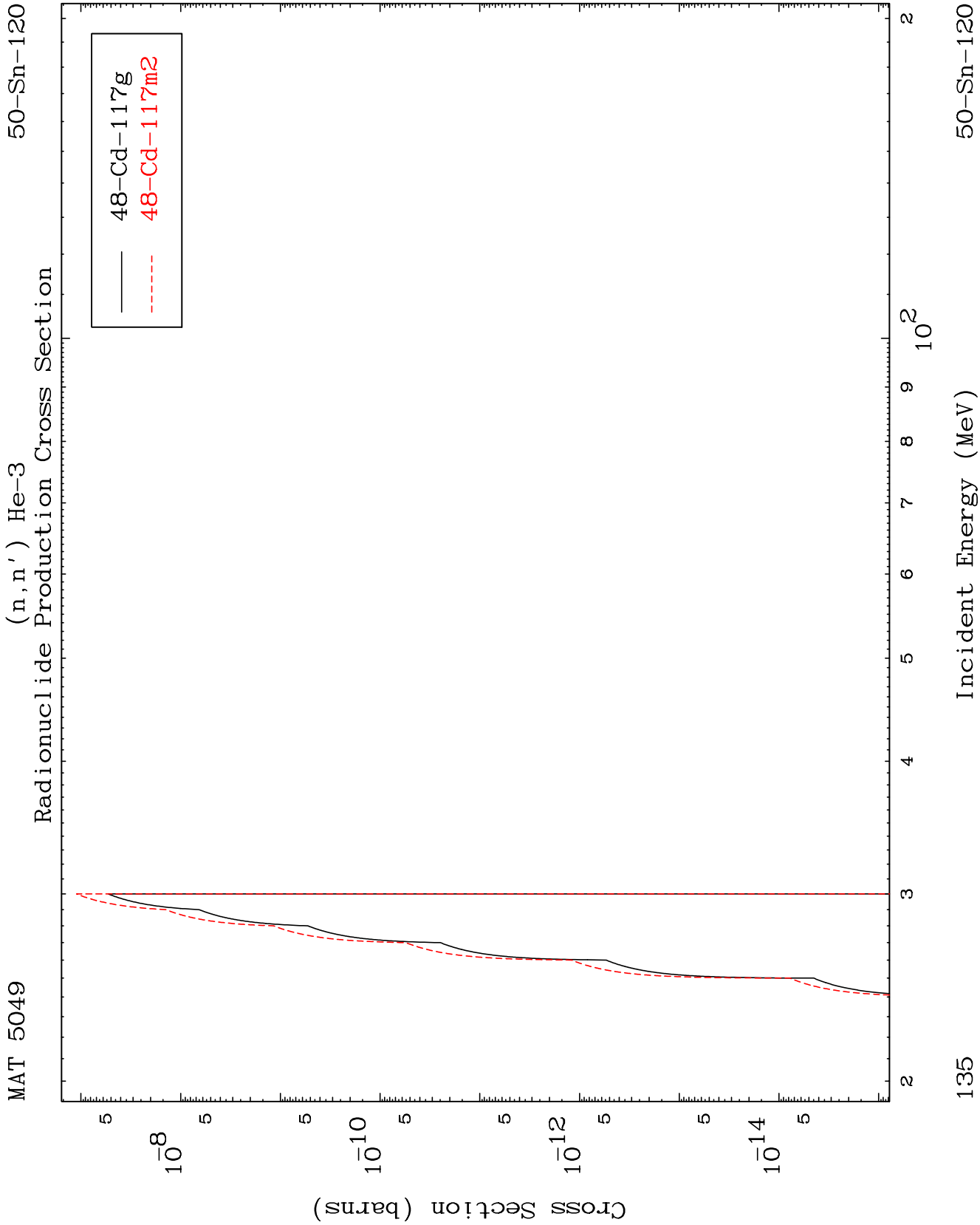
Radionuclide Production Cross Section

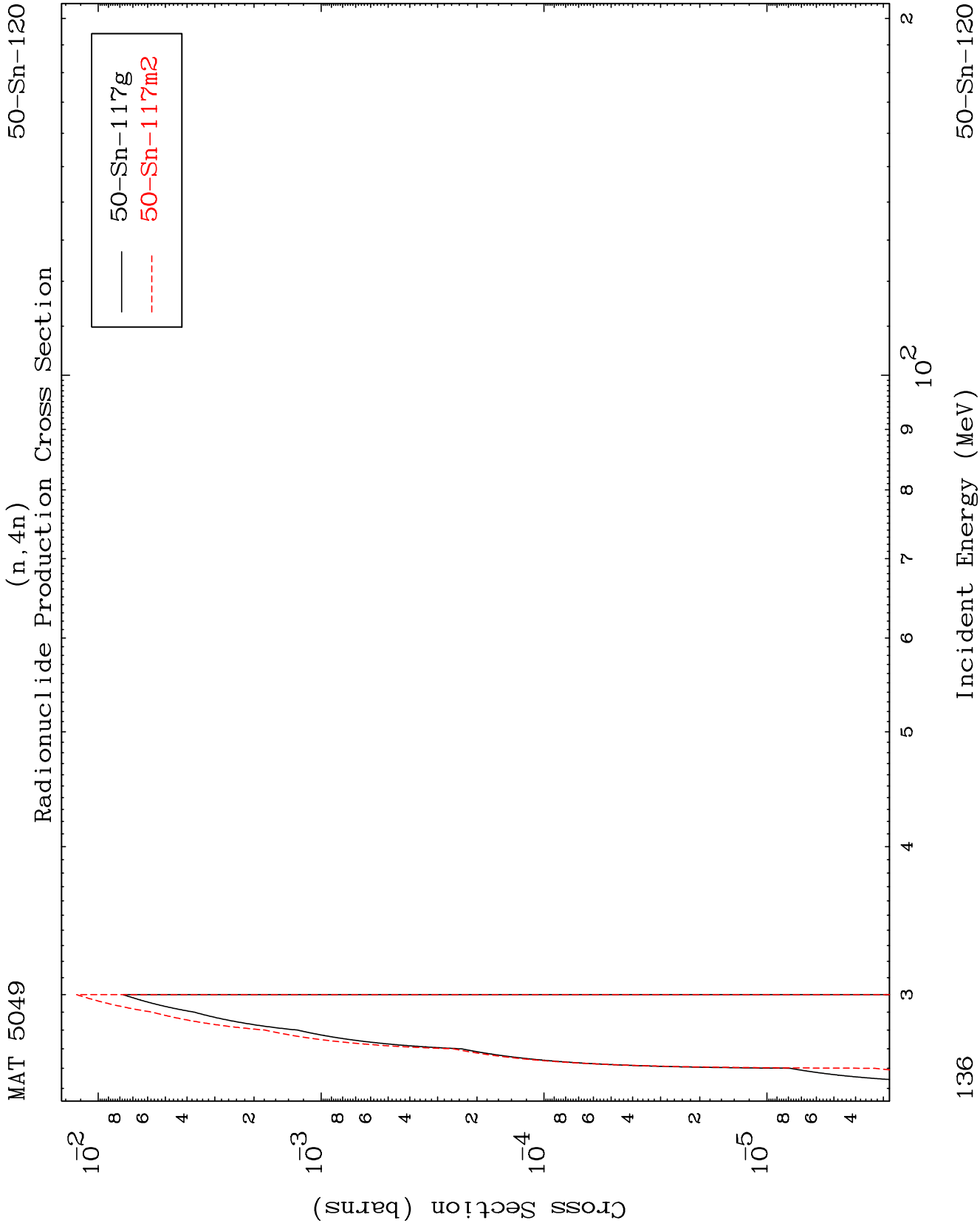


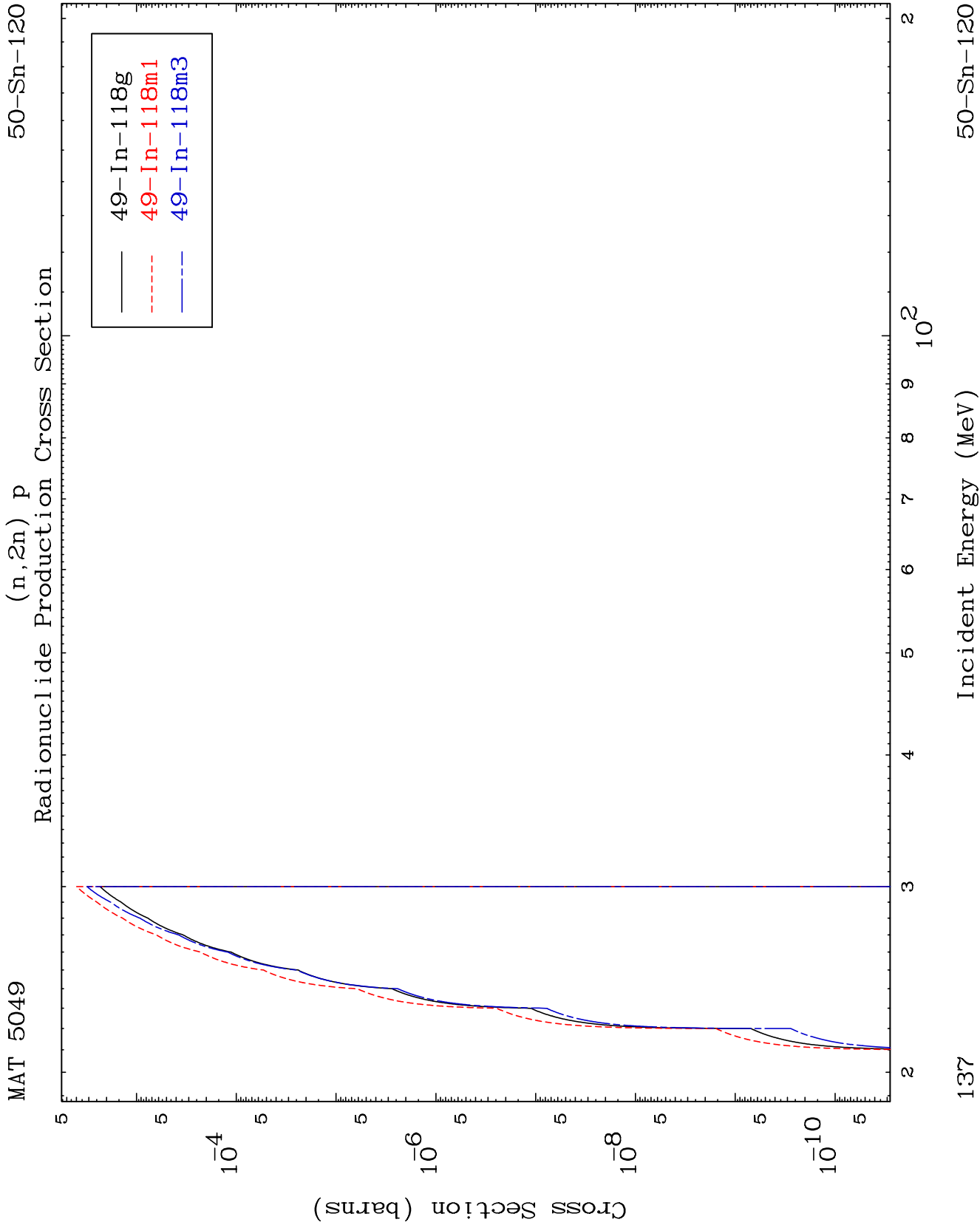
134

Incident Energy (MeV)

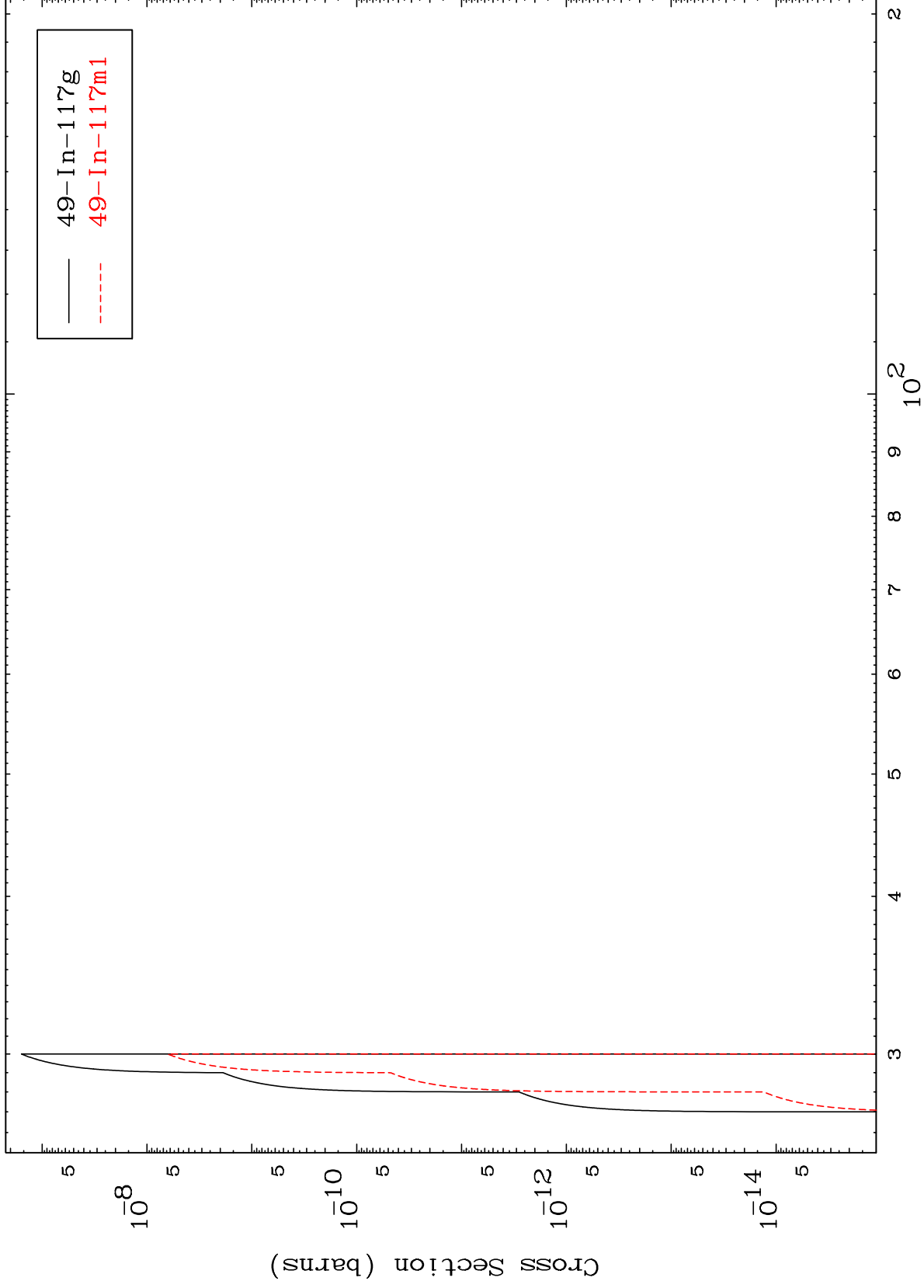
50-Sn-120

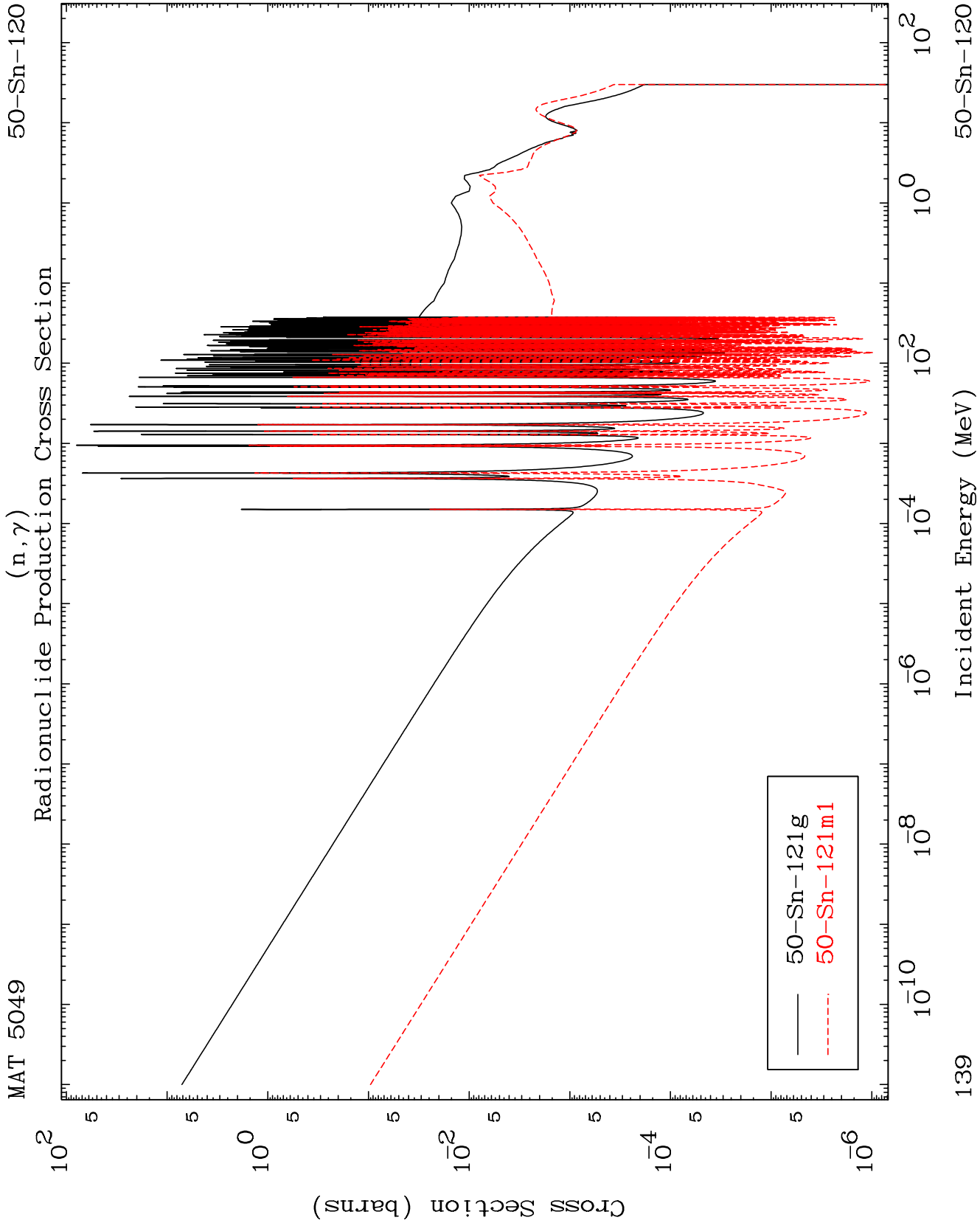


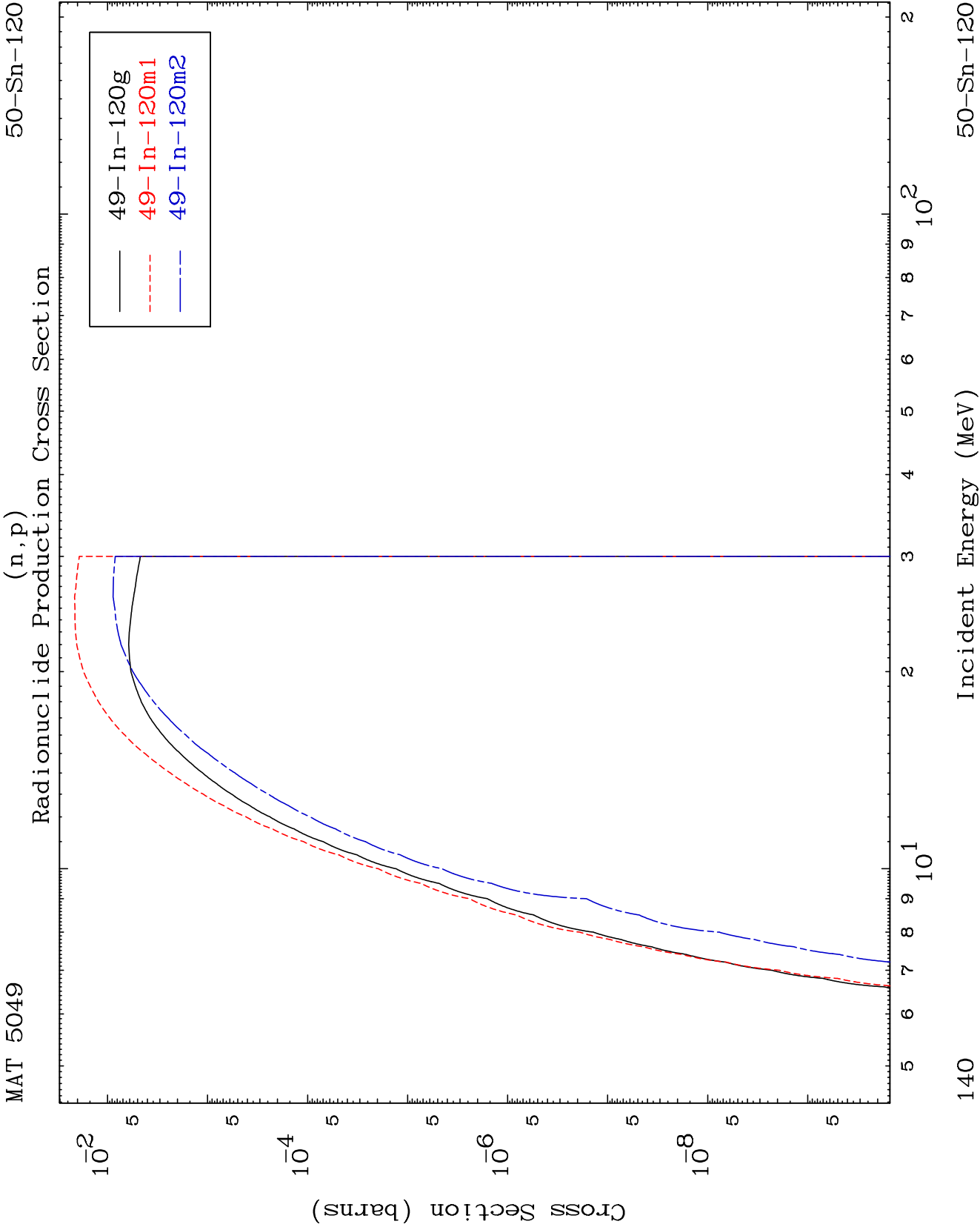


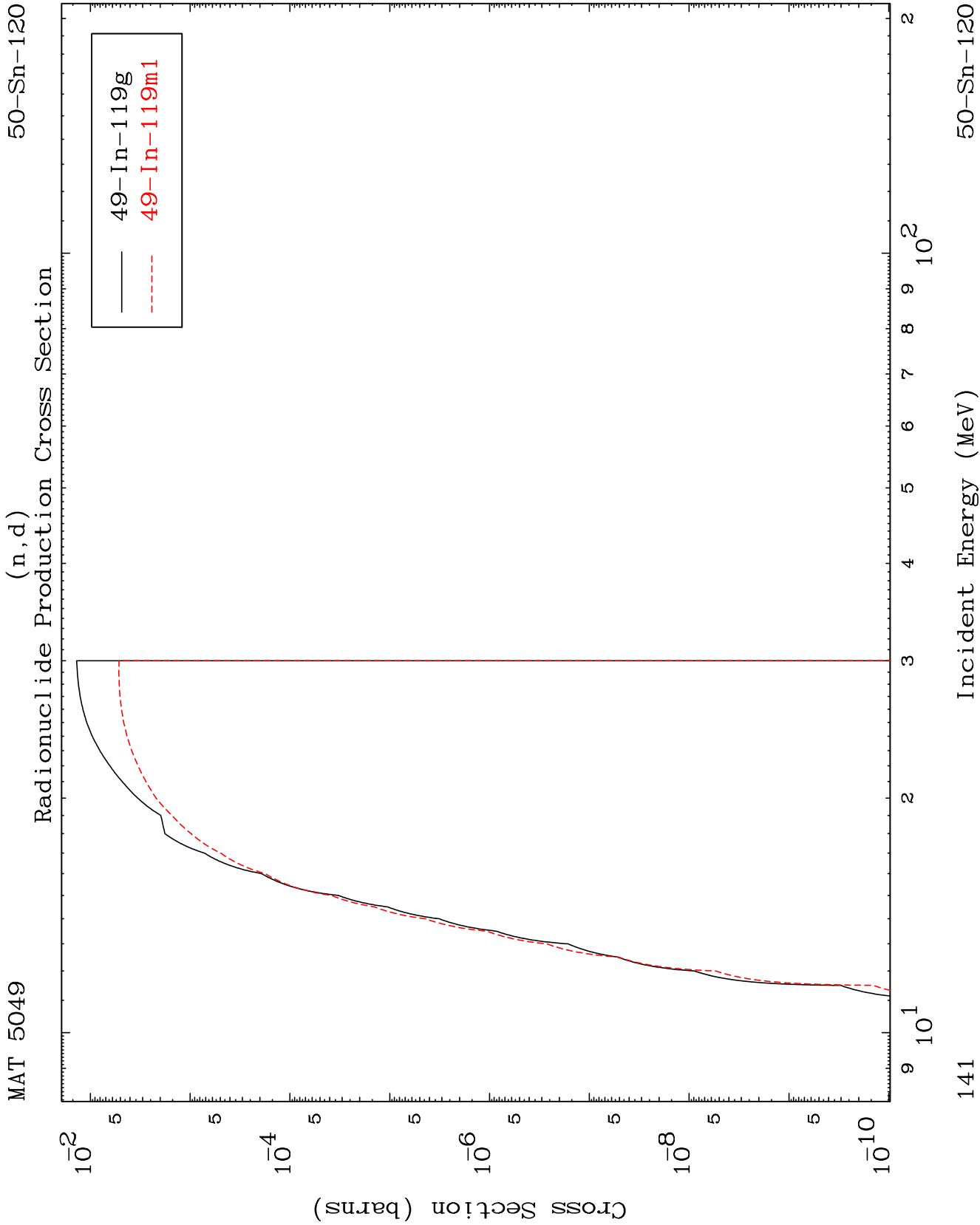


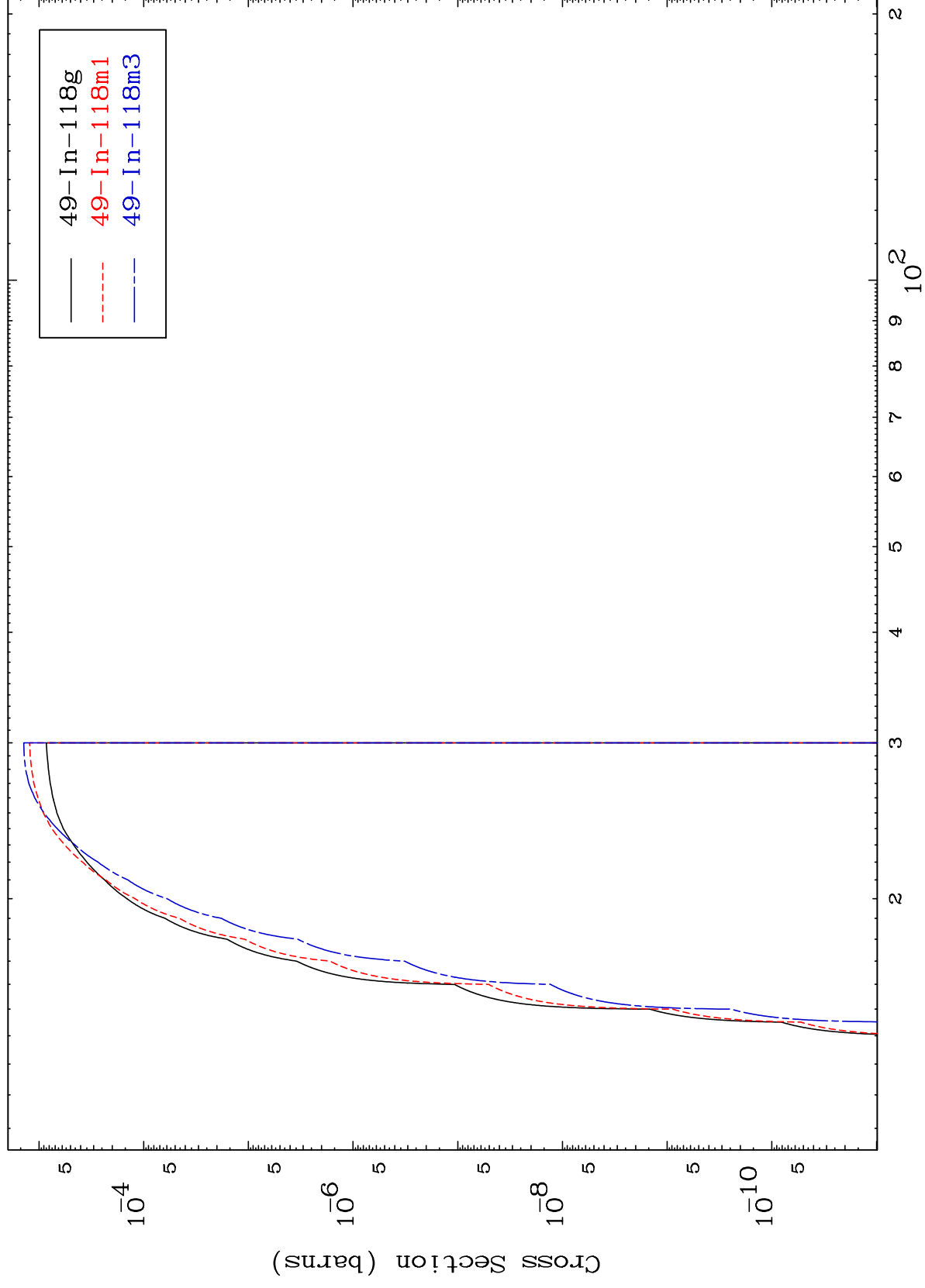
(n,3n) p
Radionuclide Production Cross Section



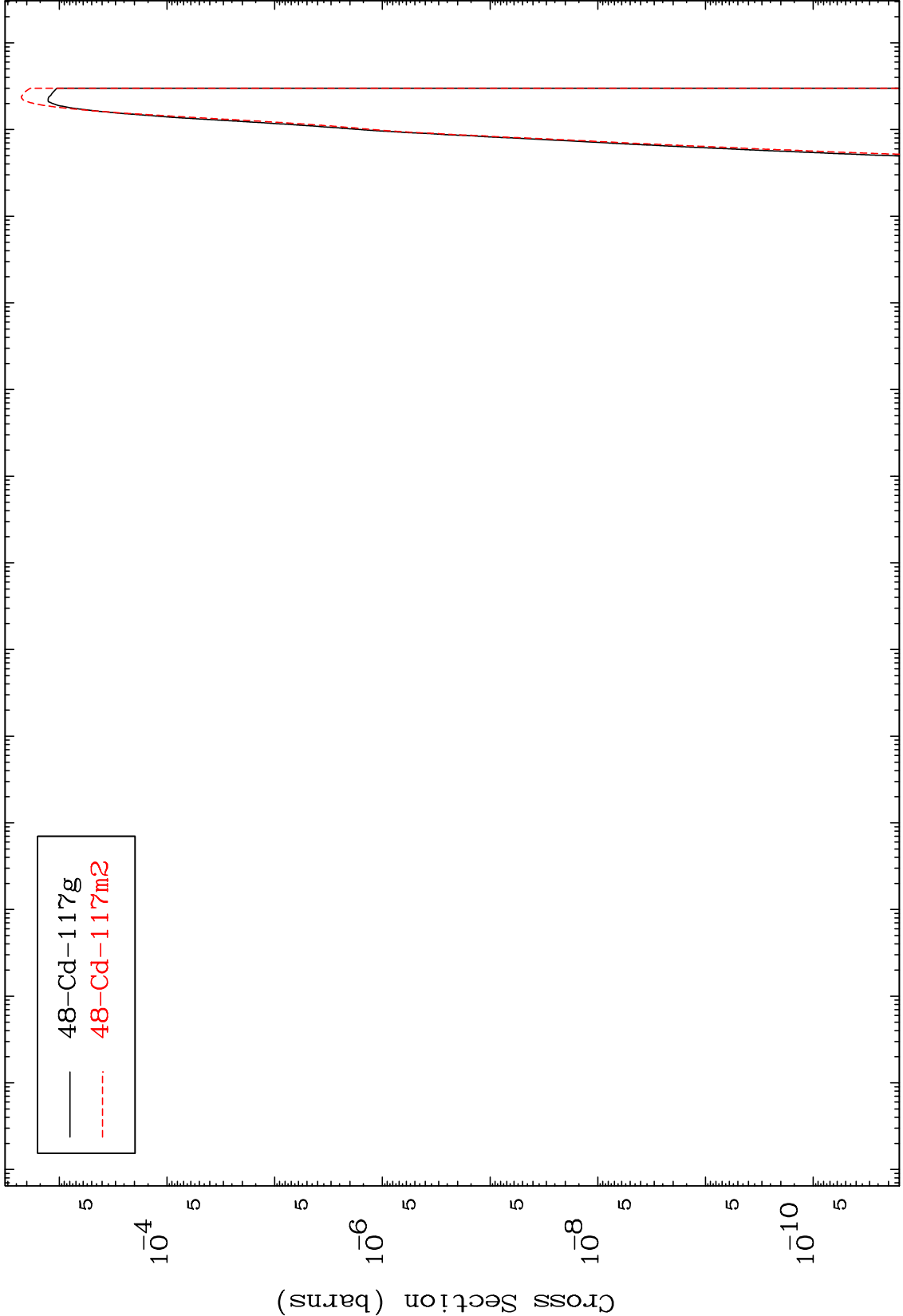


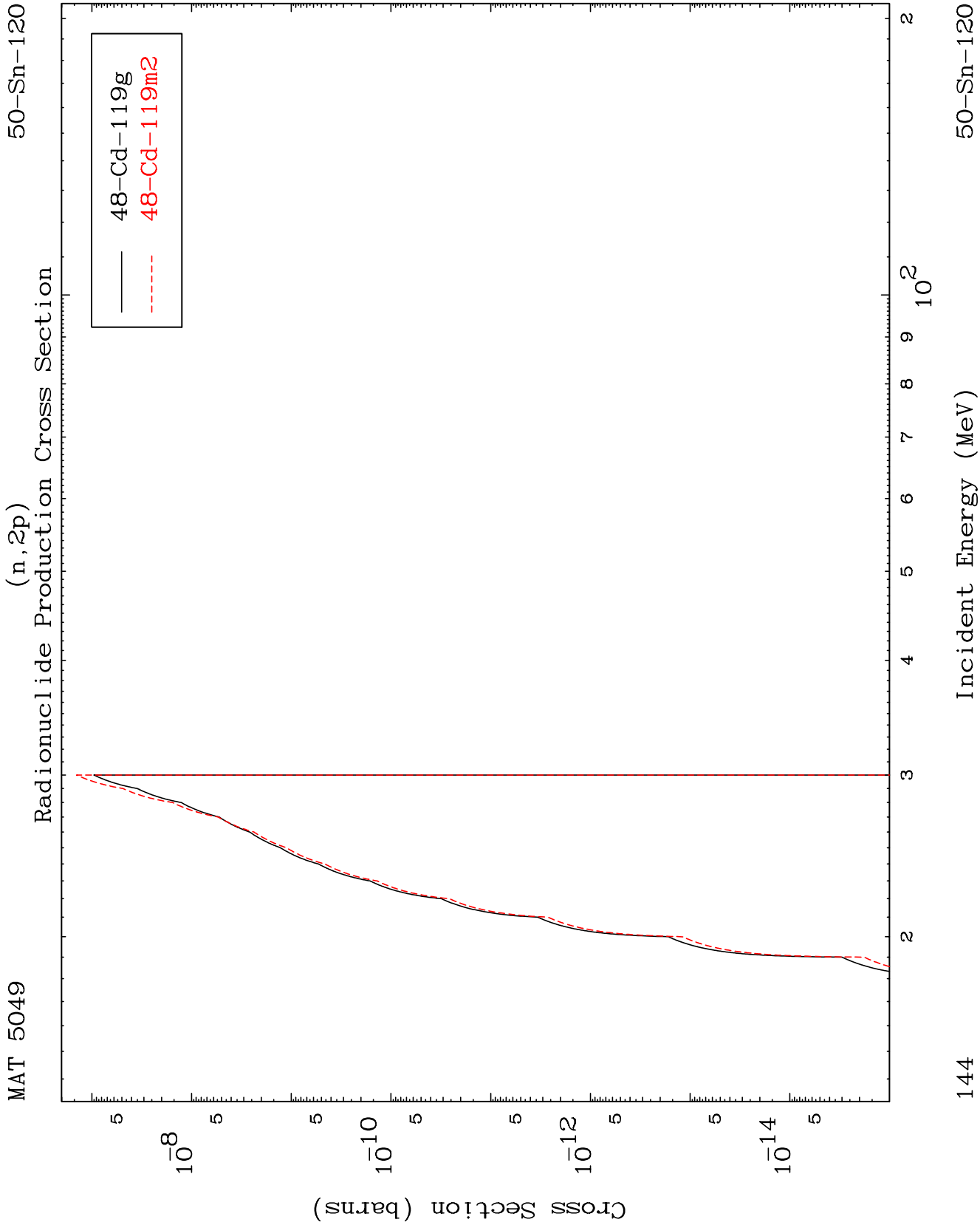




Radionuclide Production Cross Section
(n, t)

Radionuclide Production Cross Section



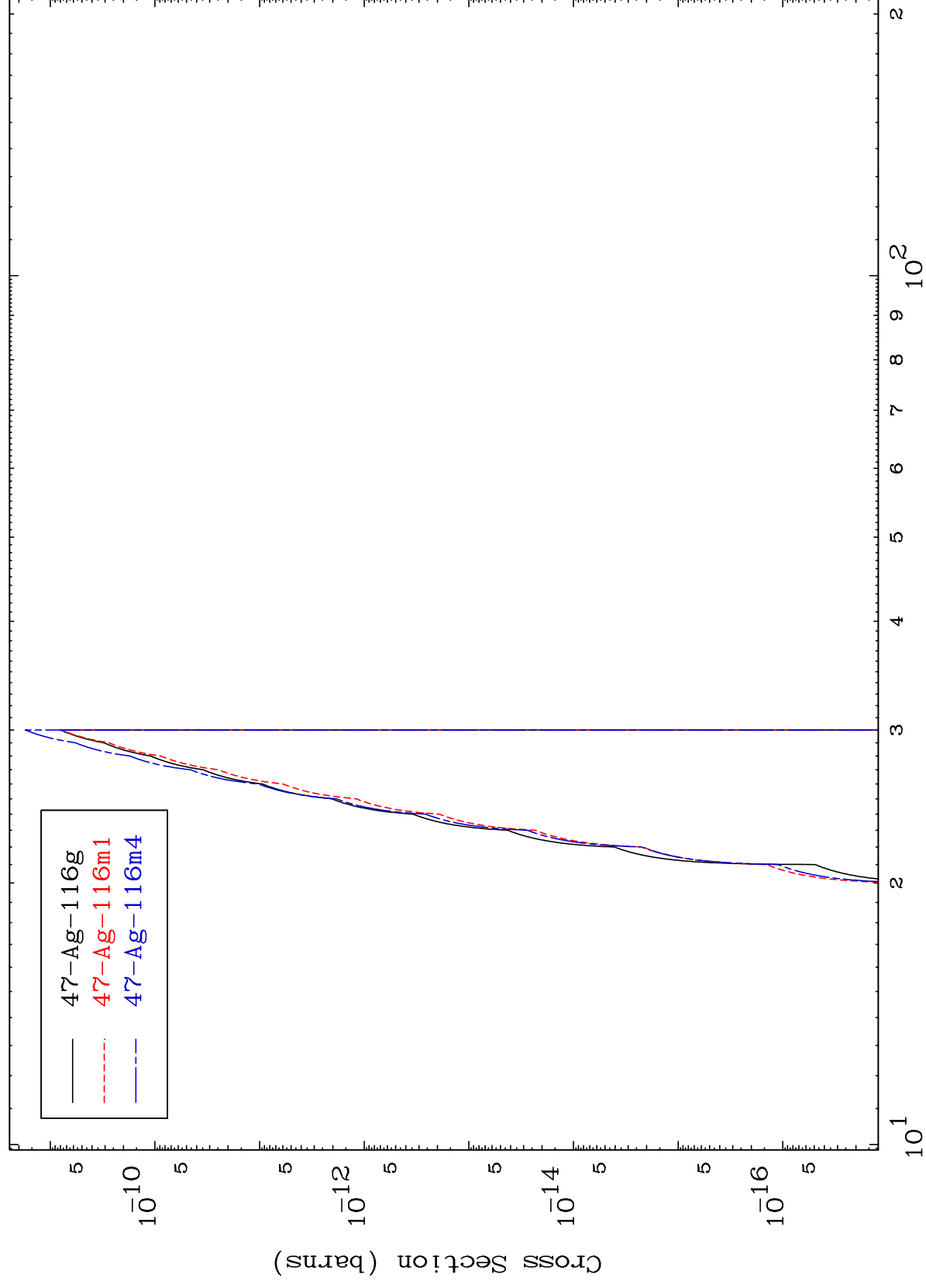


MAT 5049

50-Sn-120

$$(n, p) \propto$$

Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)