

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

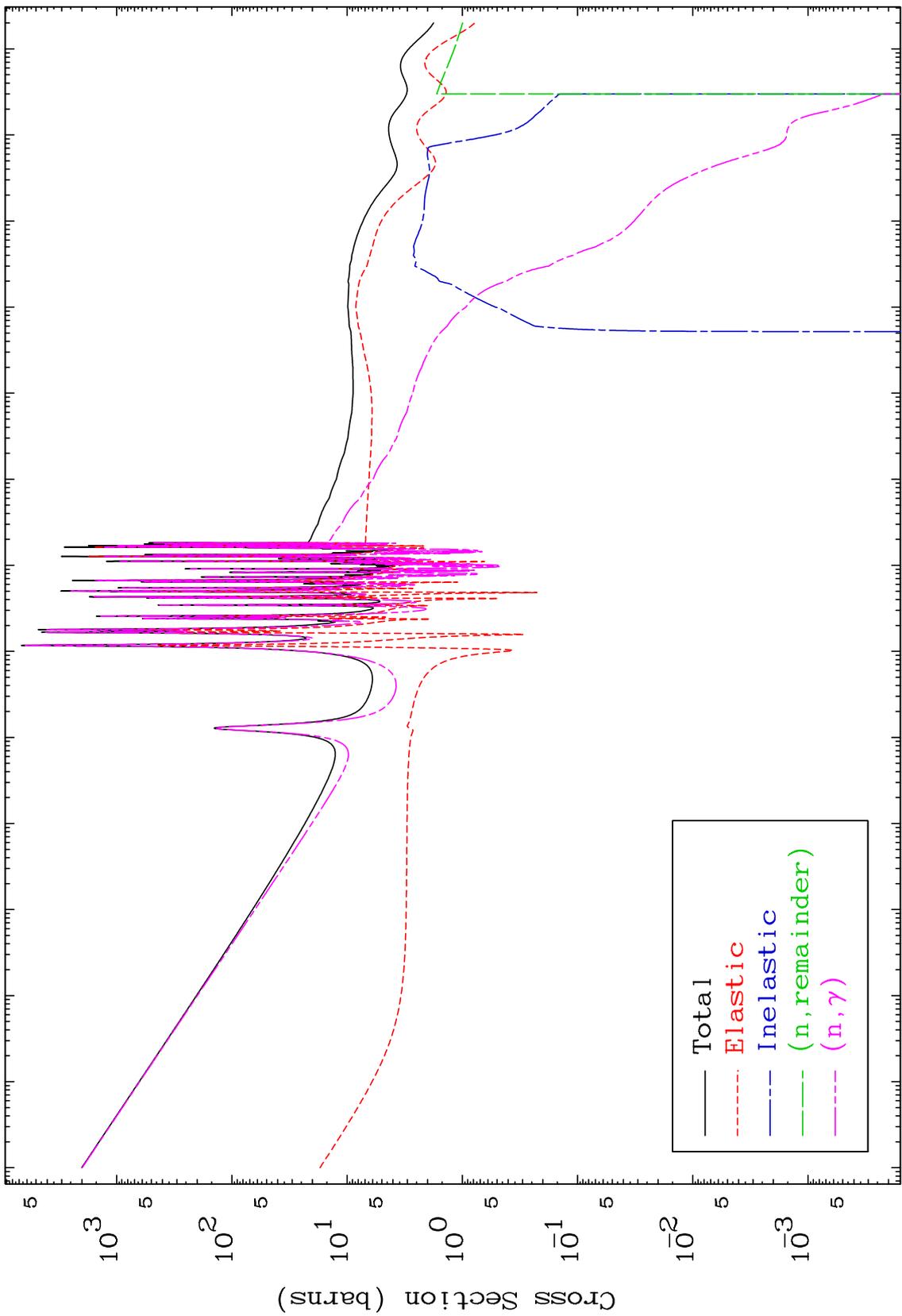
Press Mouse Button to Start

MAT 4528

Major

45-Rh-104

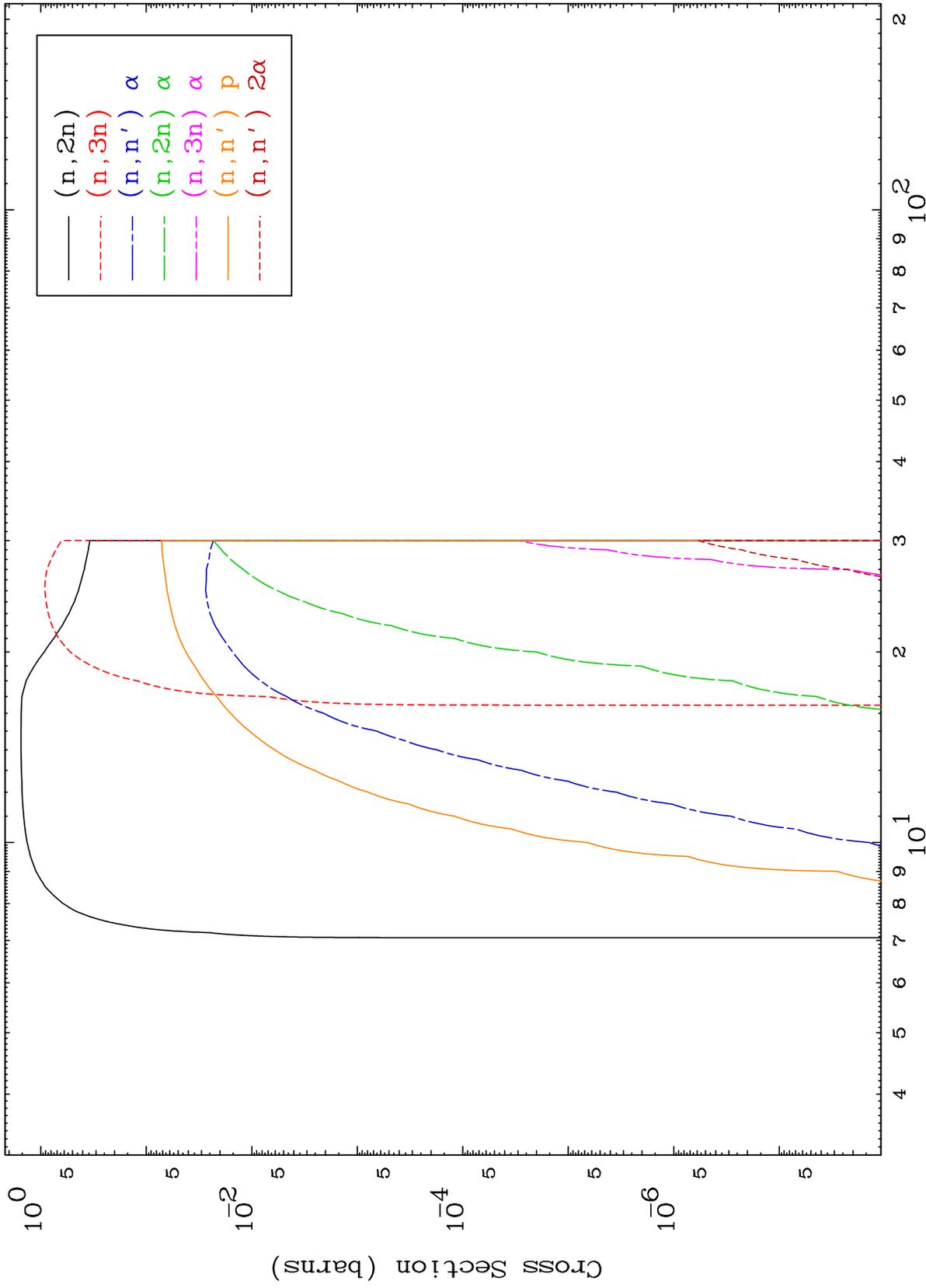
293 Kelvin Cross Sections

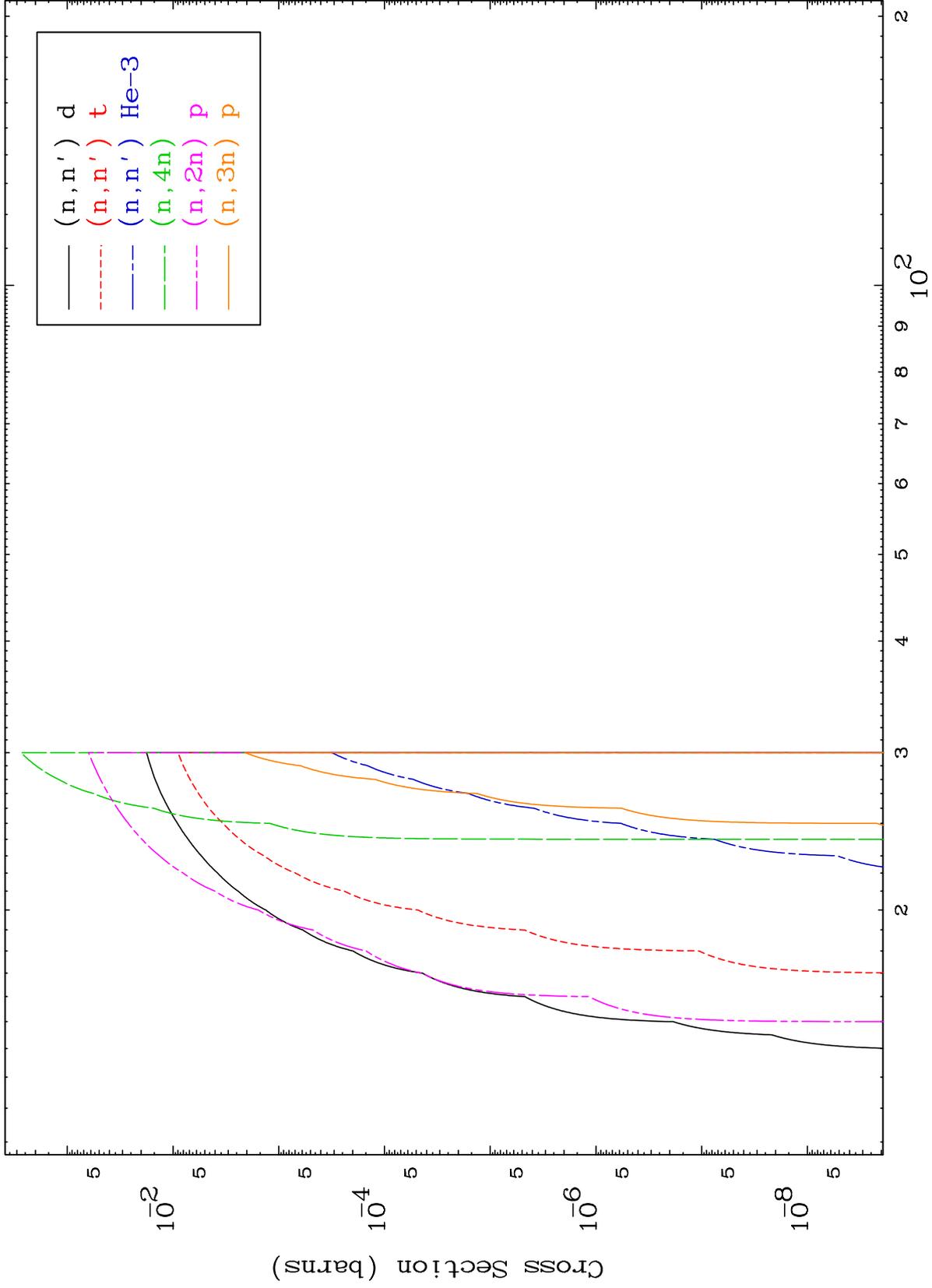


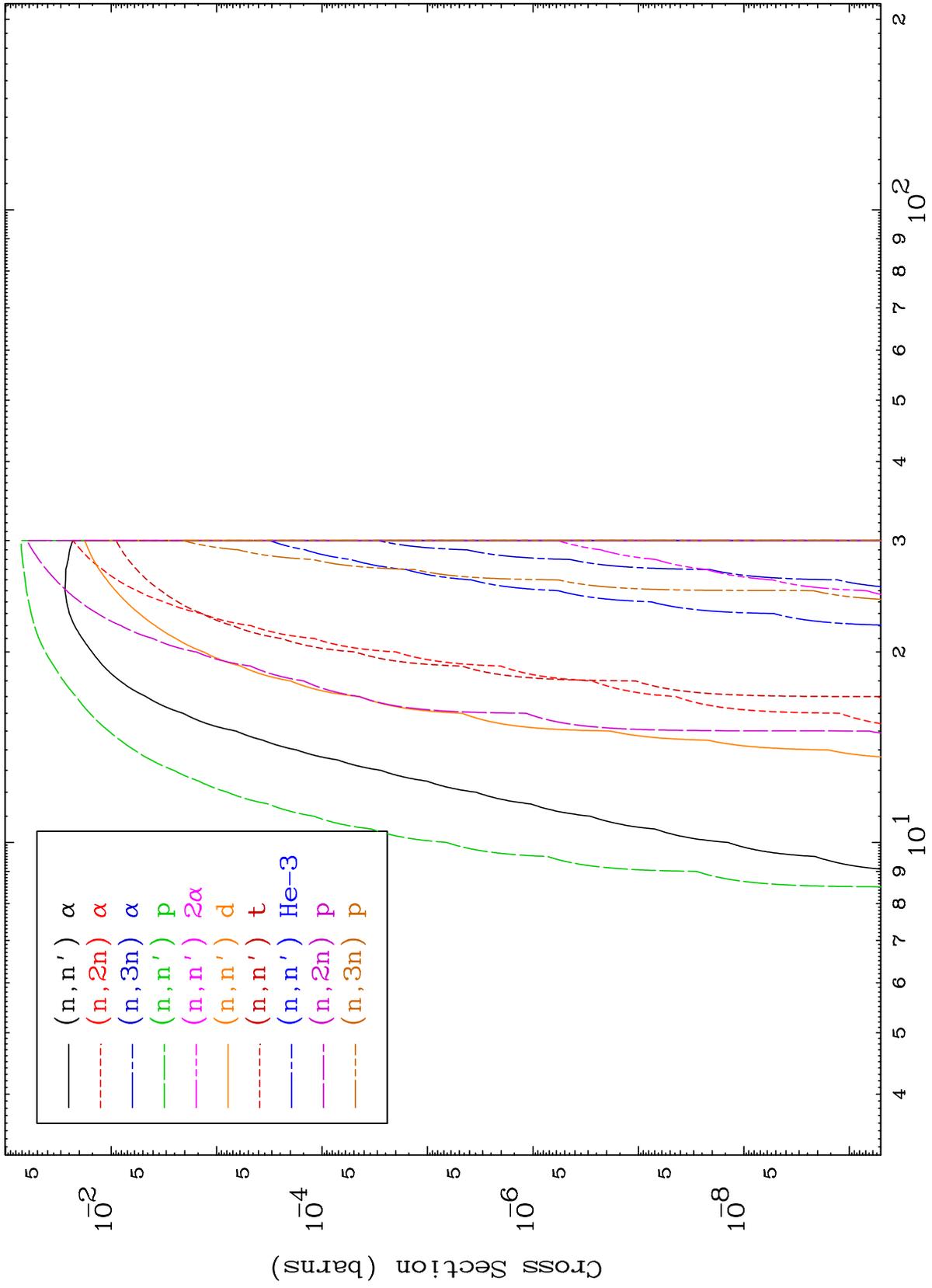
45-Rh-104

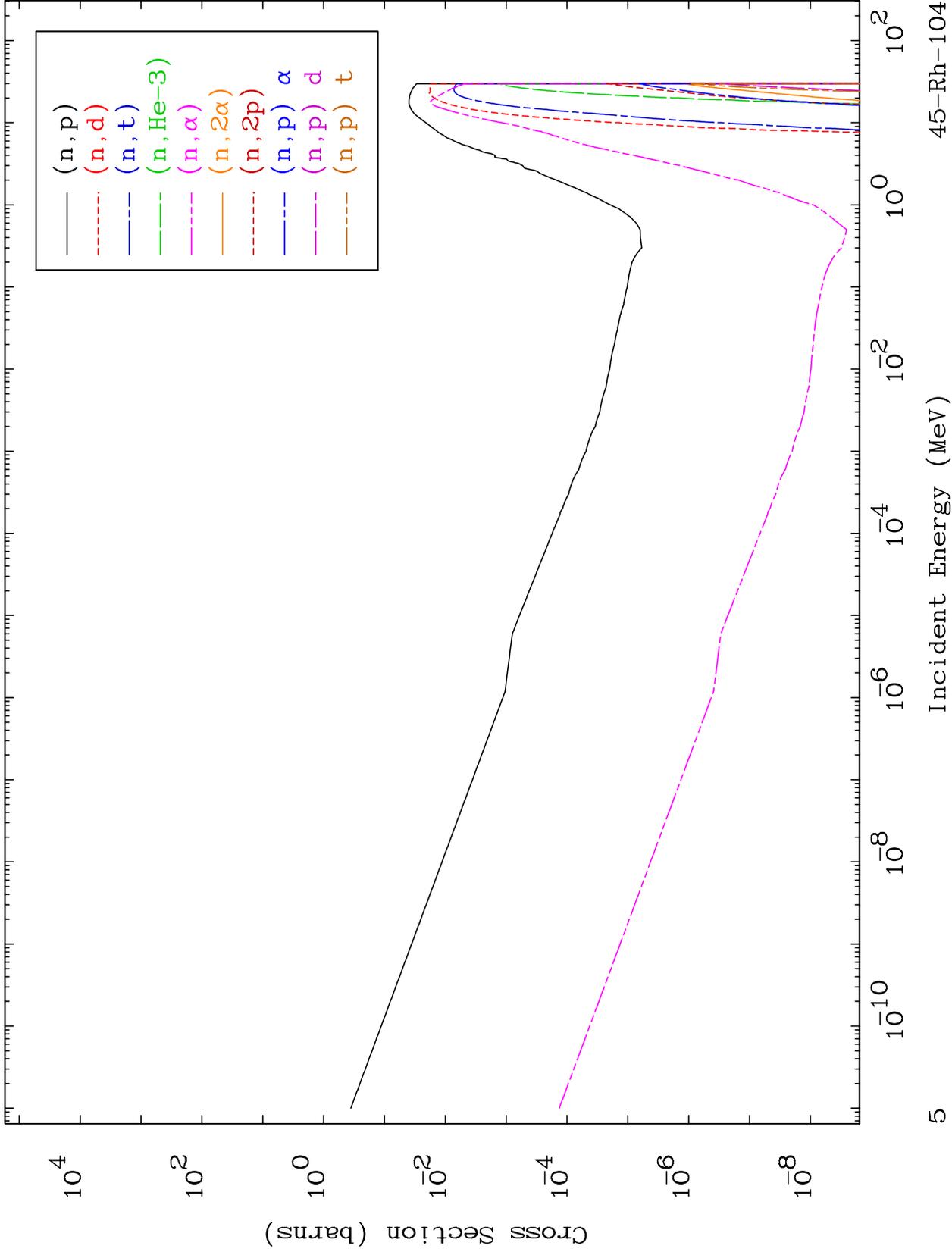
Incident Energy (MeV)

45-Rh-104





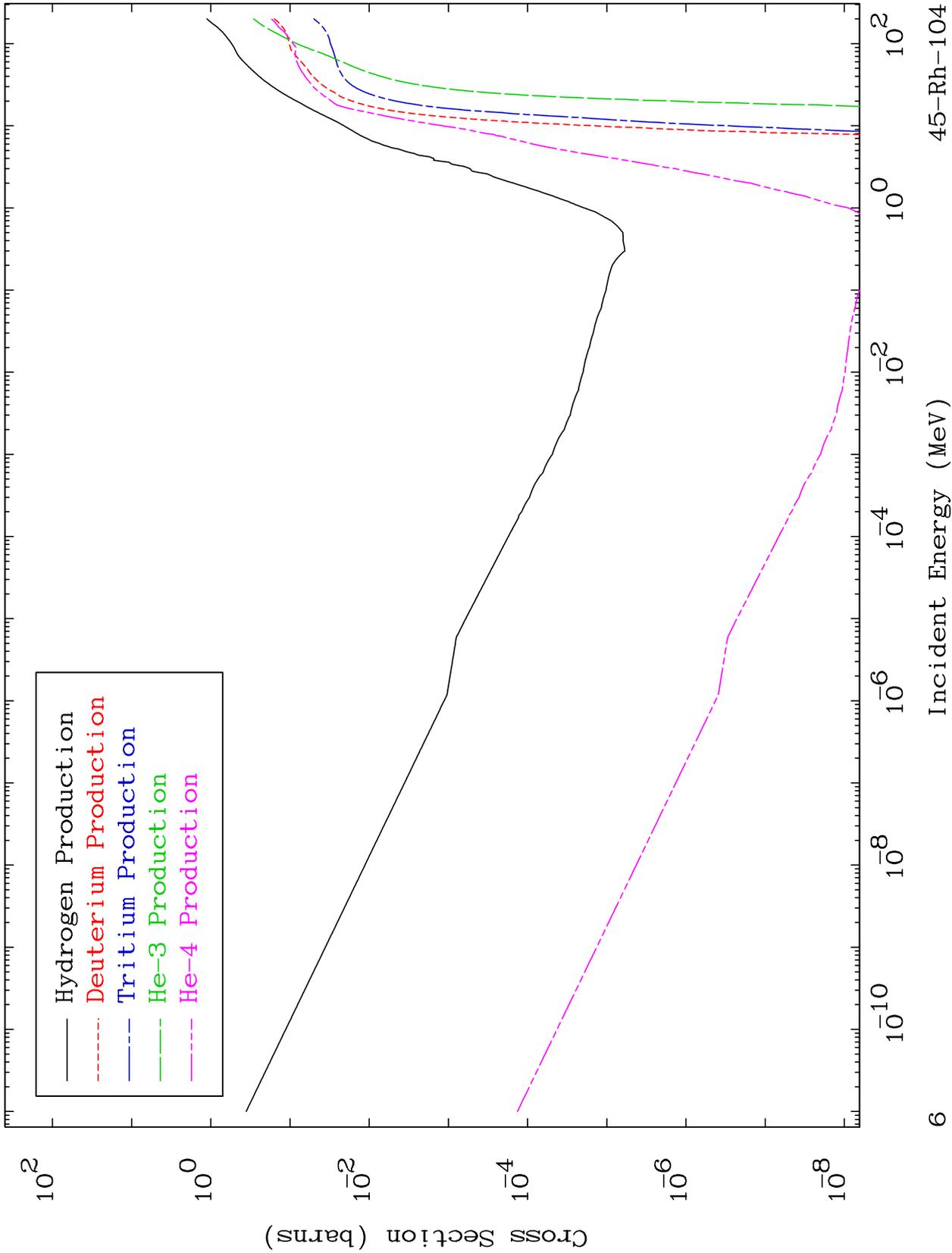




MAT 4528

Particle Production  
293 Kelvin Cross Sections

45-Rh-104

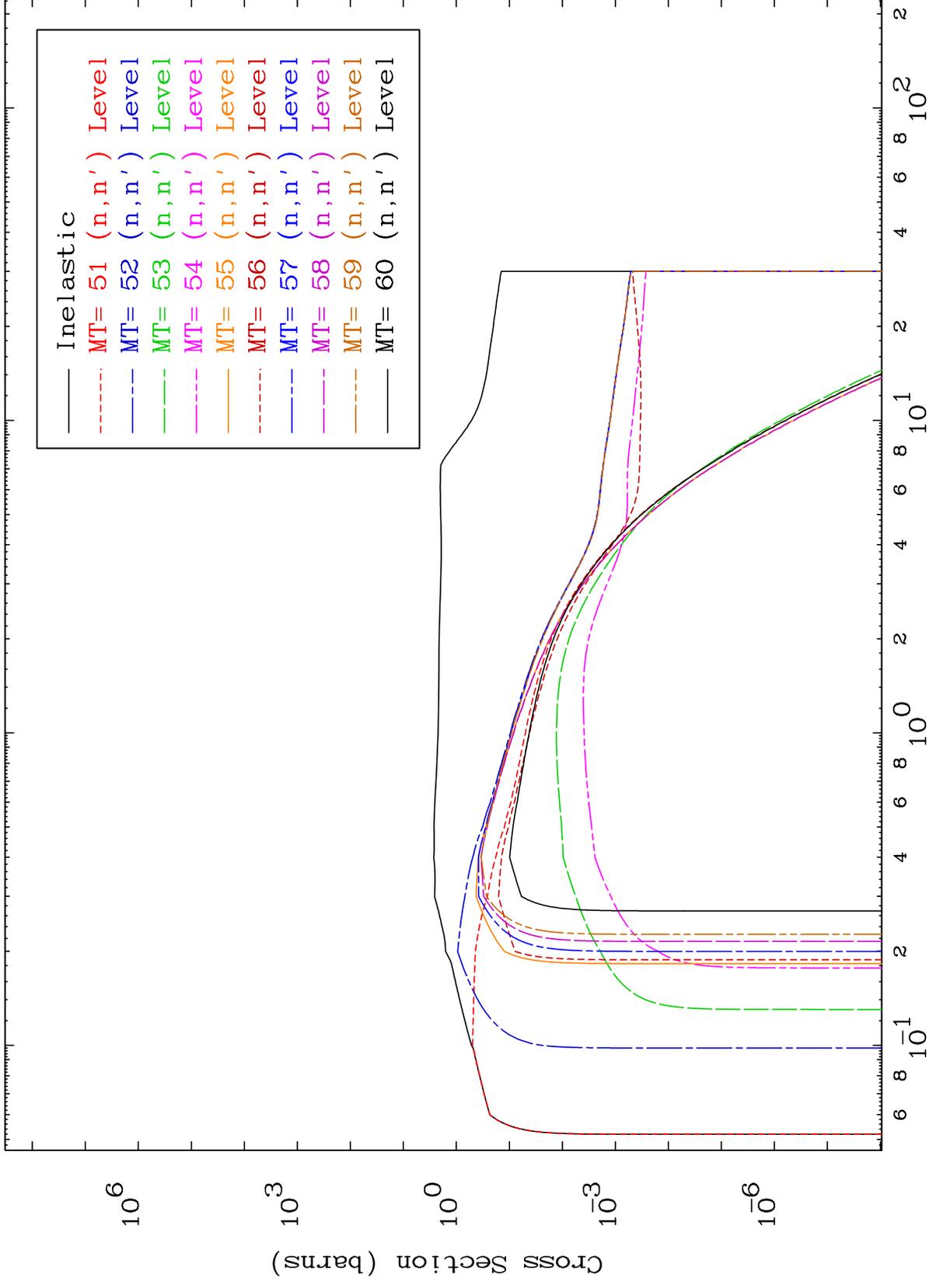


MAT 4528

(n,n') Level

293 Kelvin Cross Sections

45-Rh-104

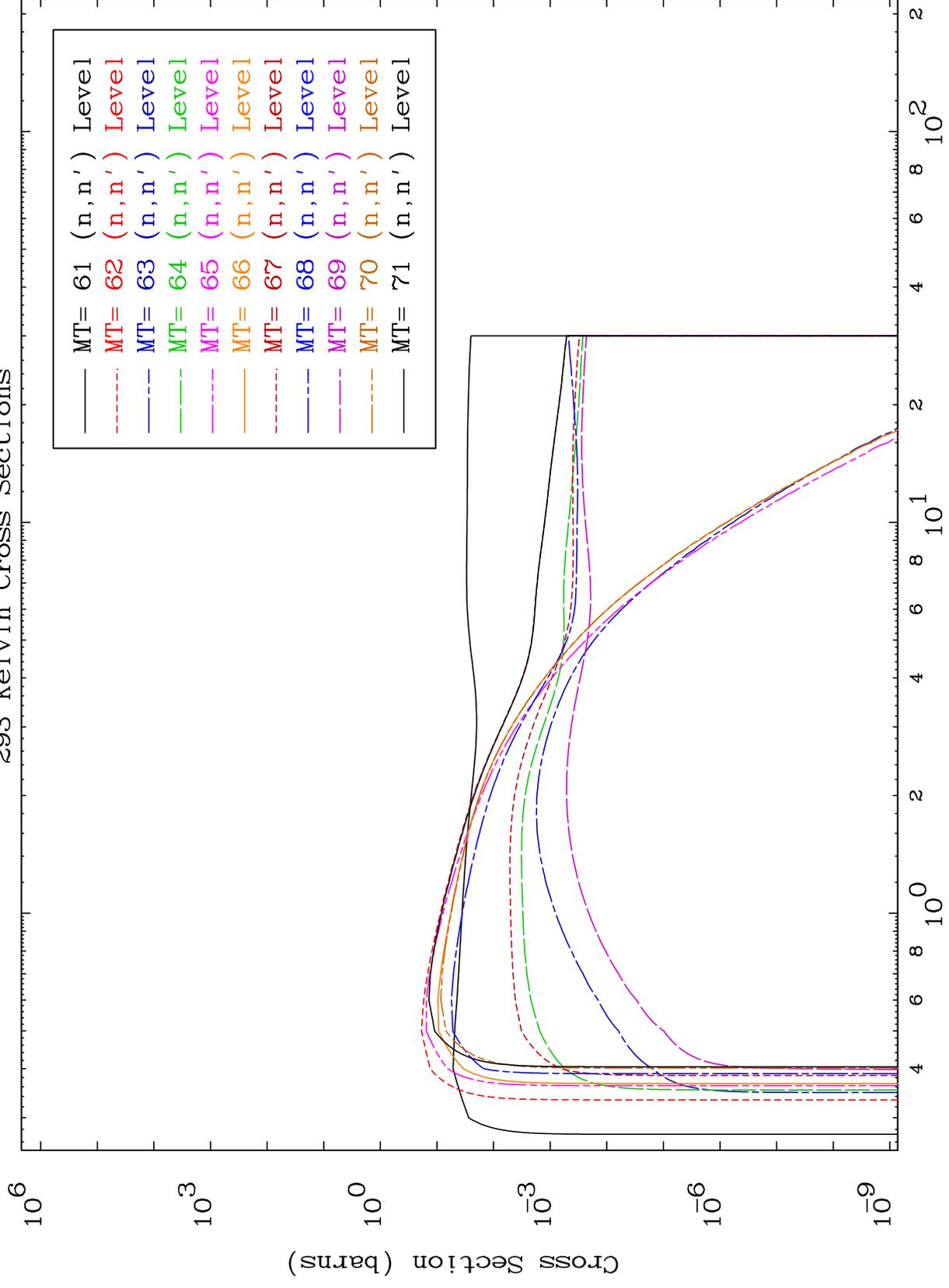


MAT 4528

(n,n') Level

293 Kelvin Cross Sections

45-Rh-104

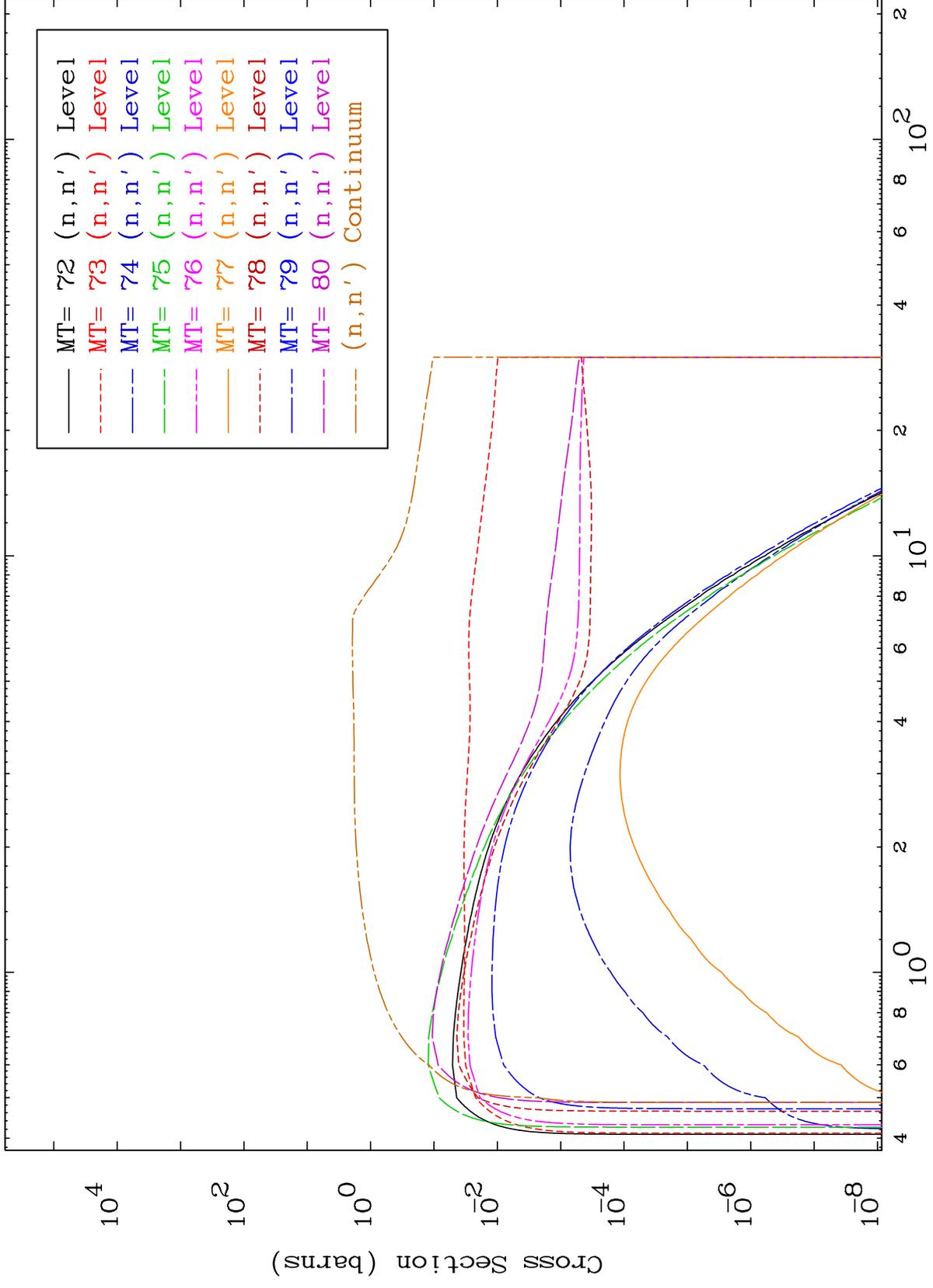


8

Incident Energy (MeV)

45-Rh-104

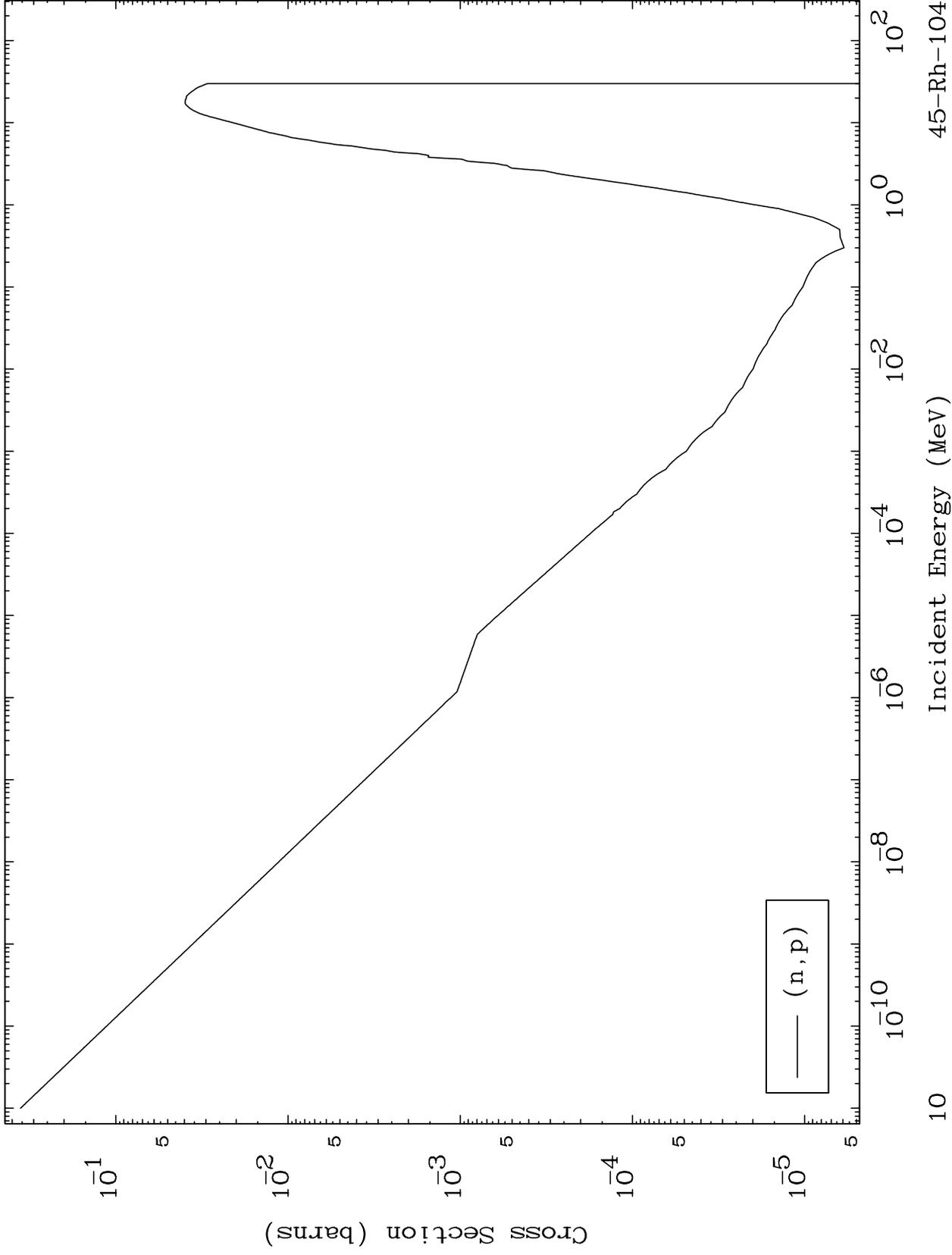
293 Kelvin Cross Sections



MAT 4528

(n,p) Levels  
293 Kelvin Cross Sections

45-Rh-104



(n,p)

10

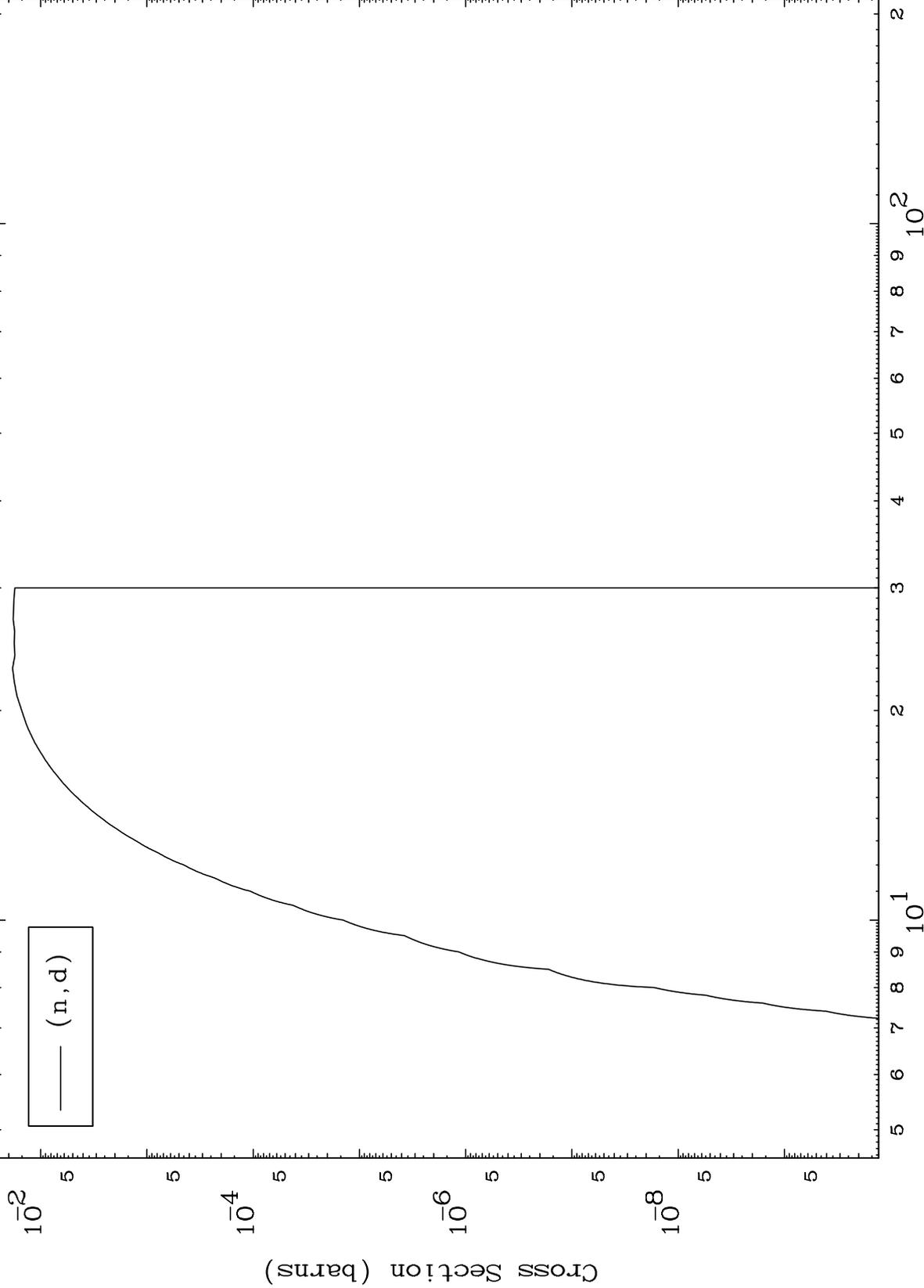
Incident Energy (MeV)

45-Rh-104

MAT 4528

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-104



11

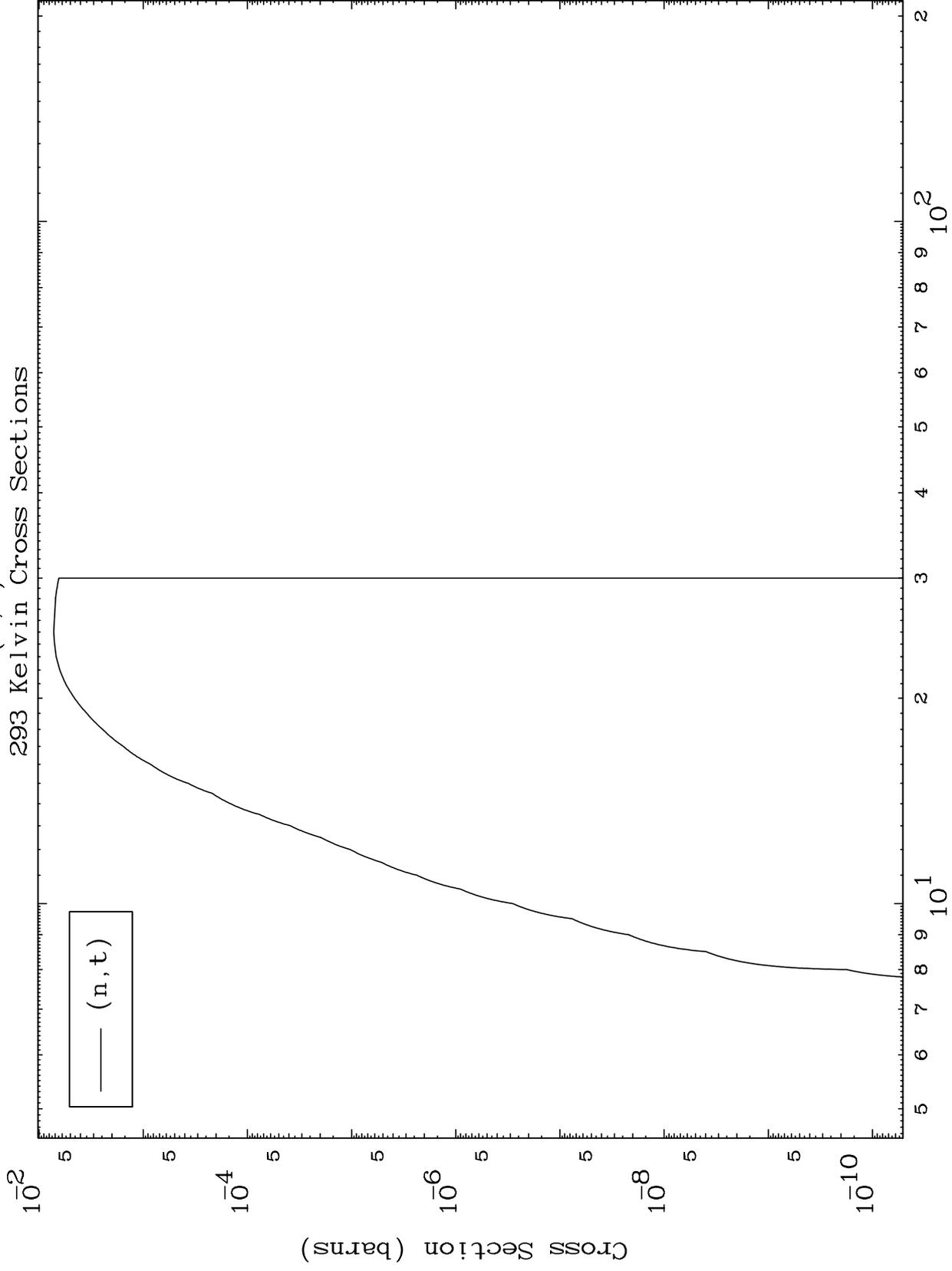
Incident Energy (MeV)

45-Rh-104

MAT 4528

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-104



12

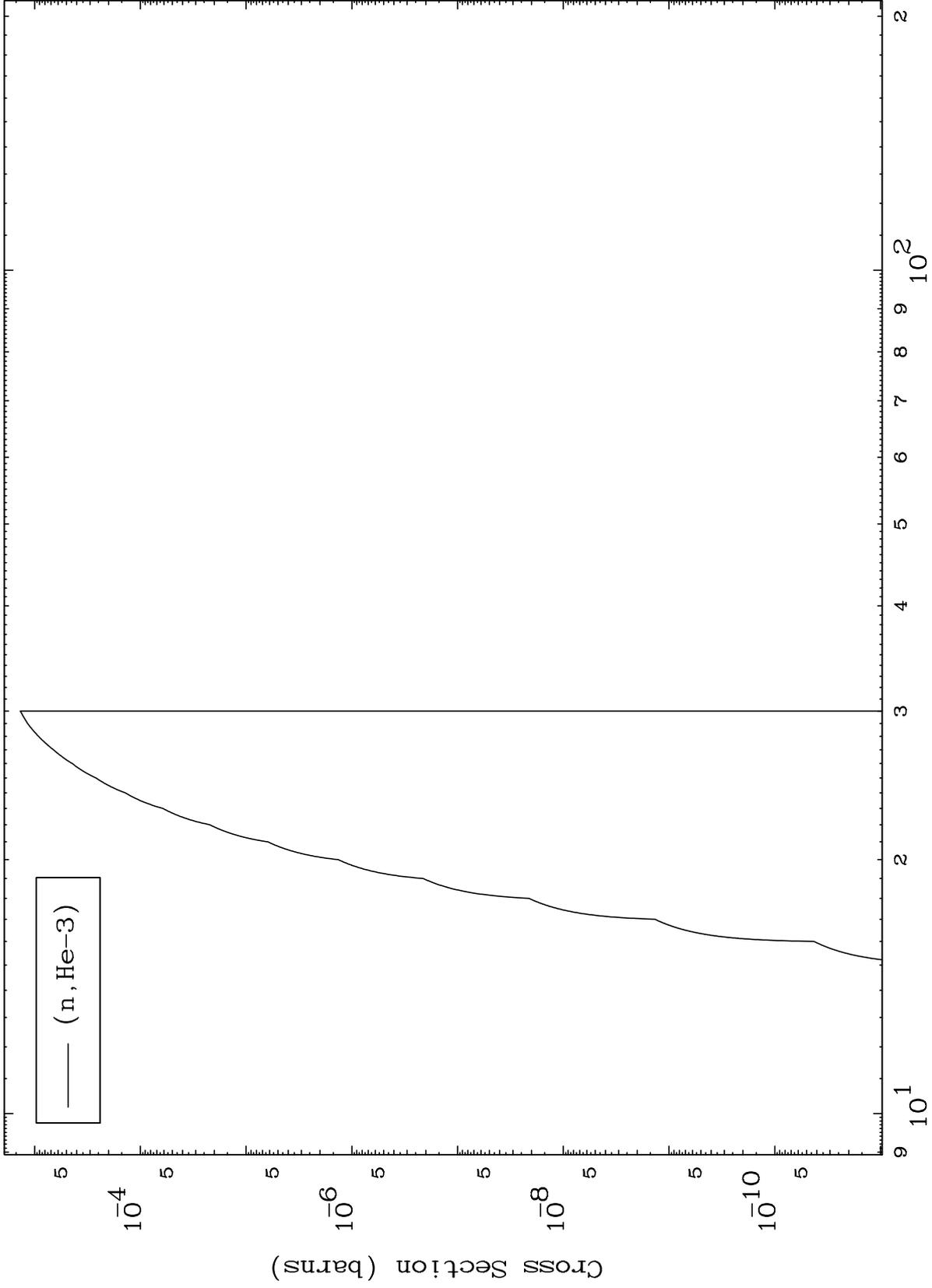
Incident Energy (MeV)

45-Rh-104

MAT 4528

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-104



13

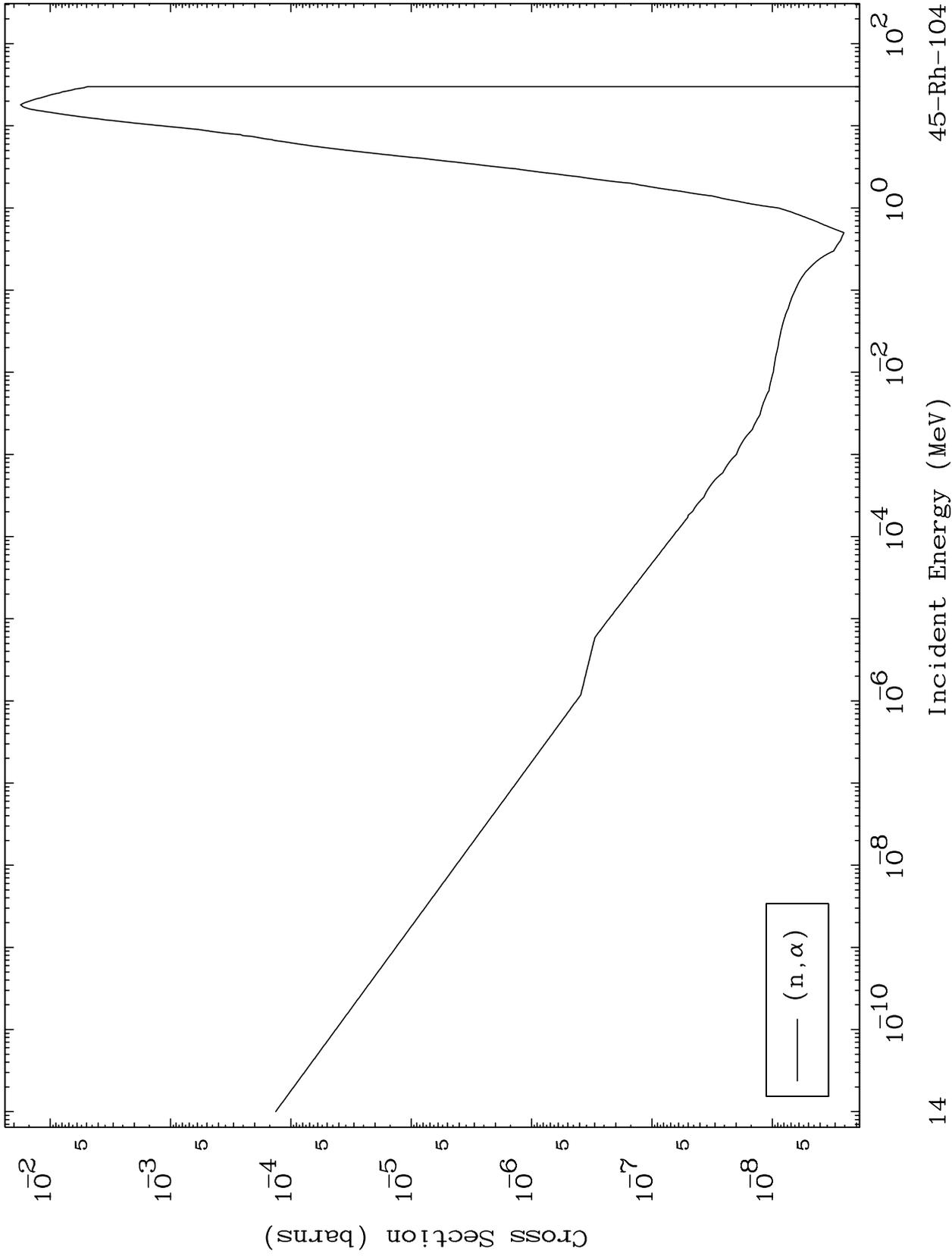
Incident Energy (MeV)

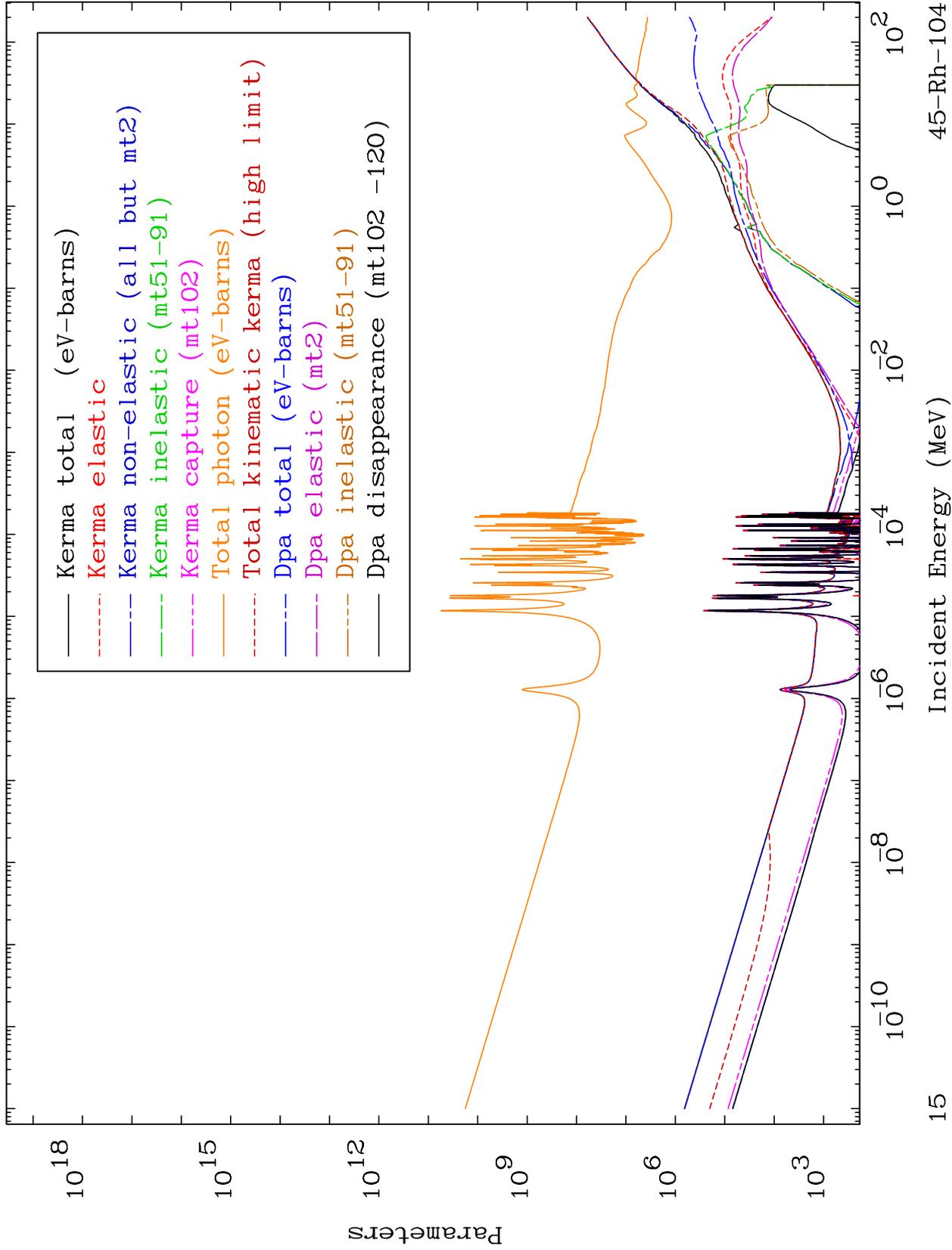
45-Rh-104

MAT 4528

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

45-Rh-104

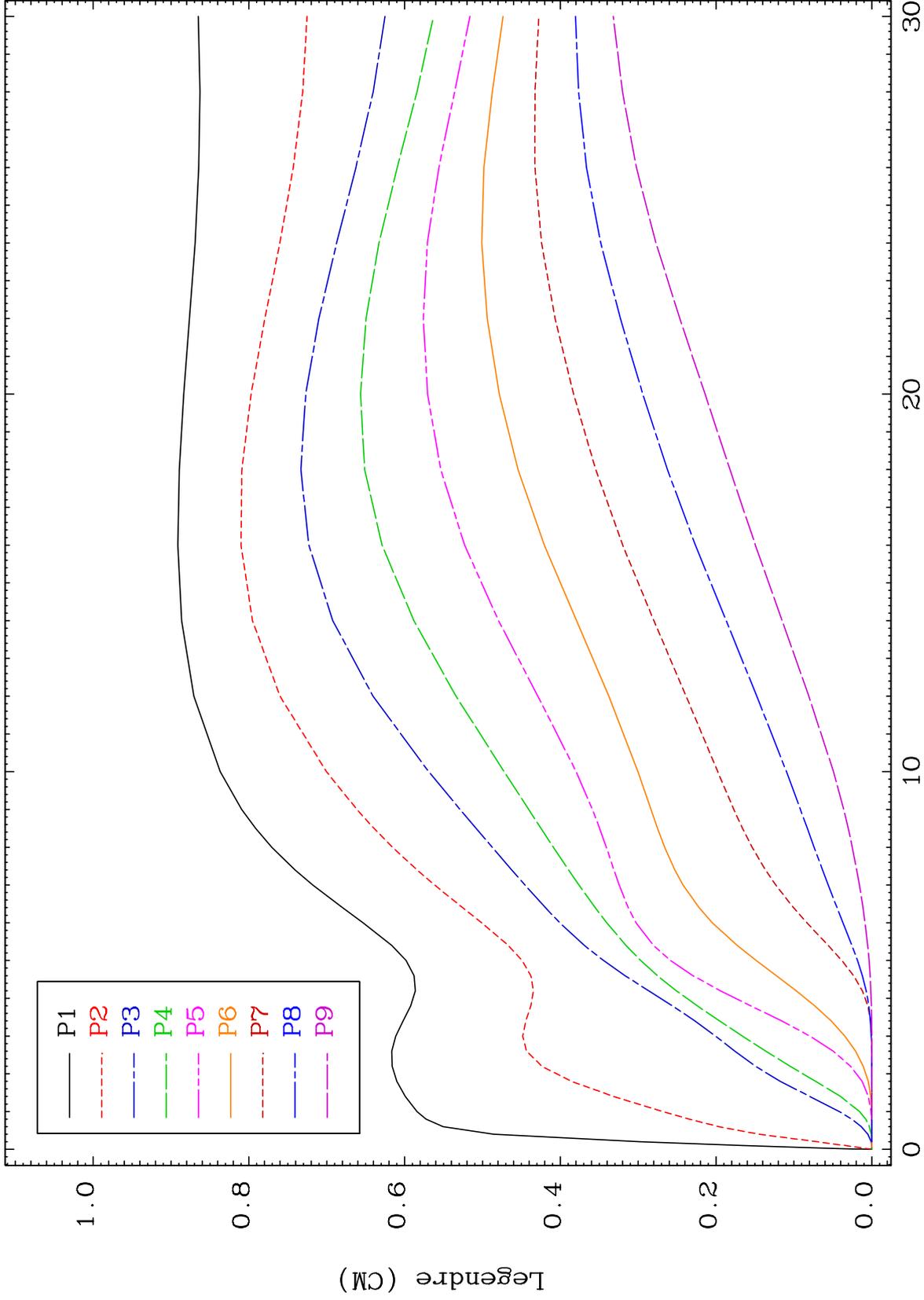




MAT 4528

Elastic Legendre Coefficients

45-Rh-104



16

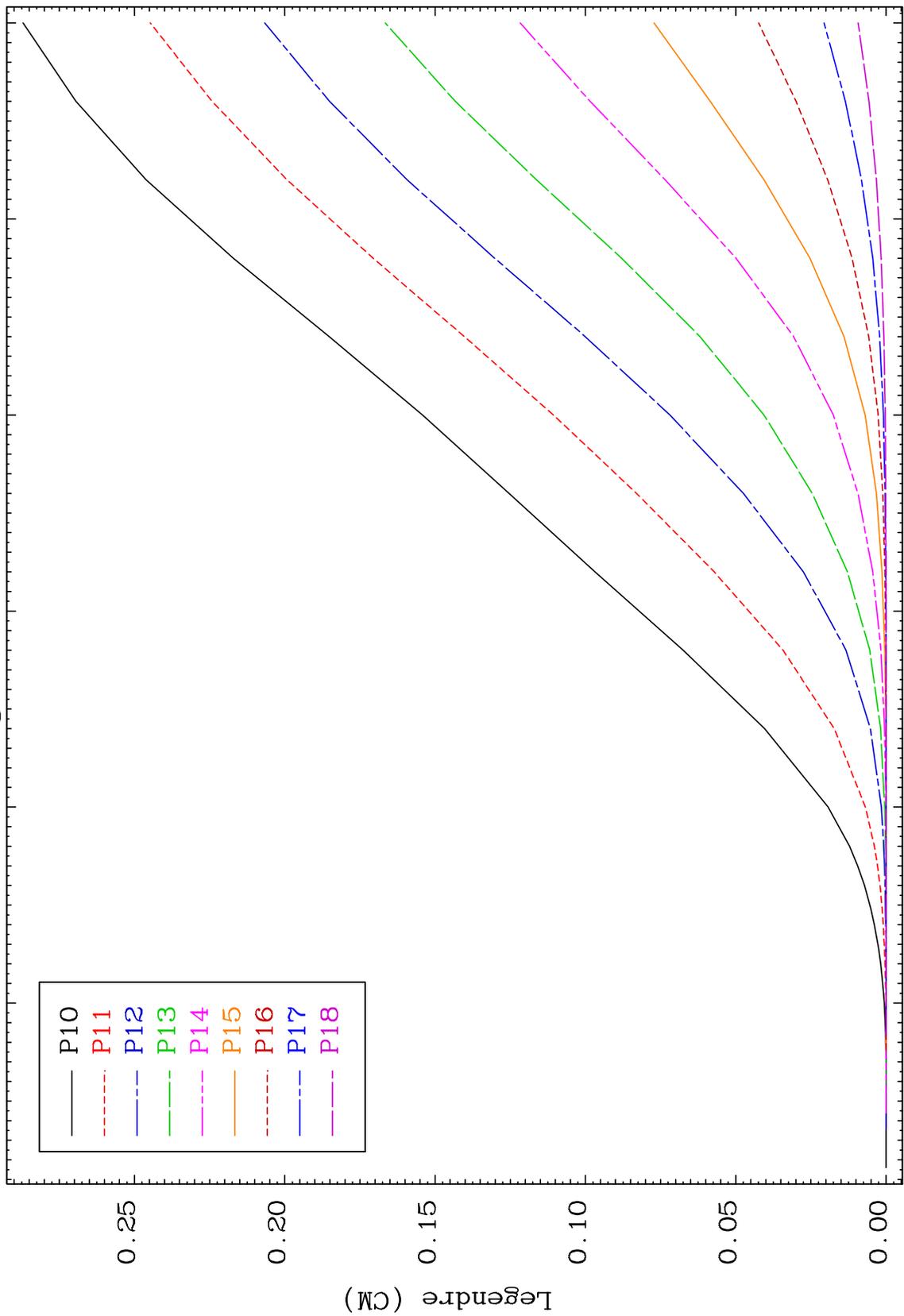
Incident Energy (MeV)

45-Rh-104

MAT 4528

Elastic Legendre Coefficients

45-Rh-104



17

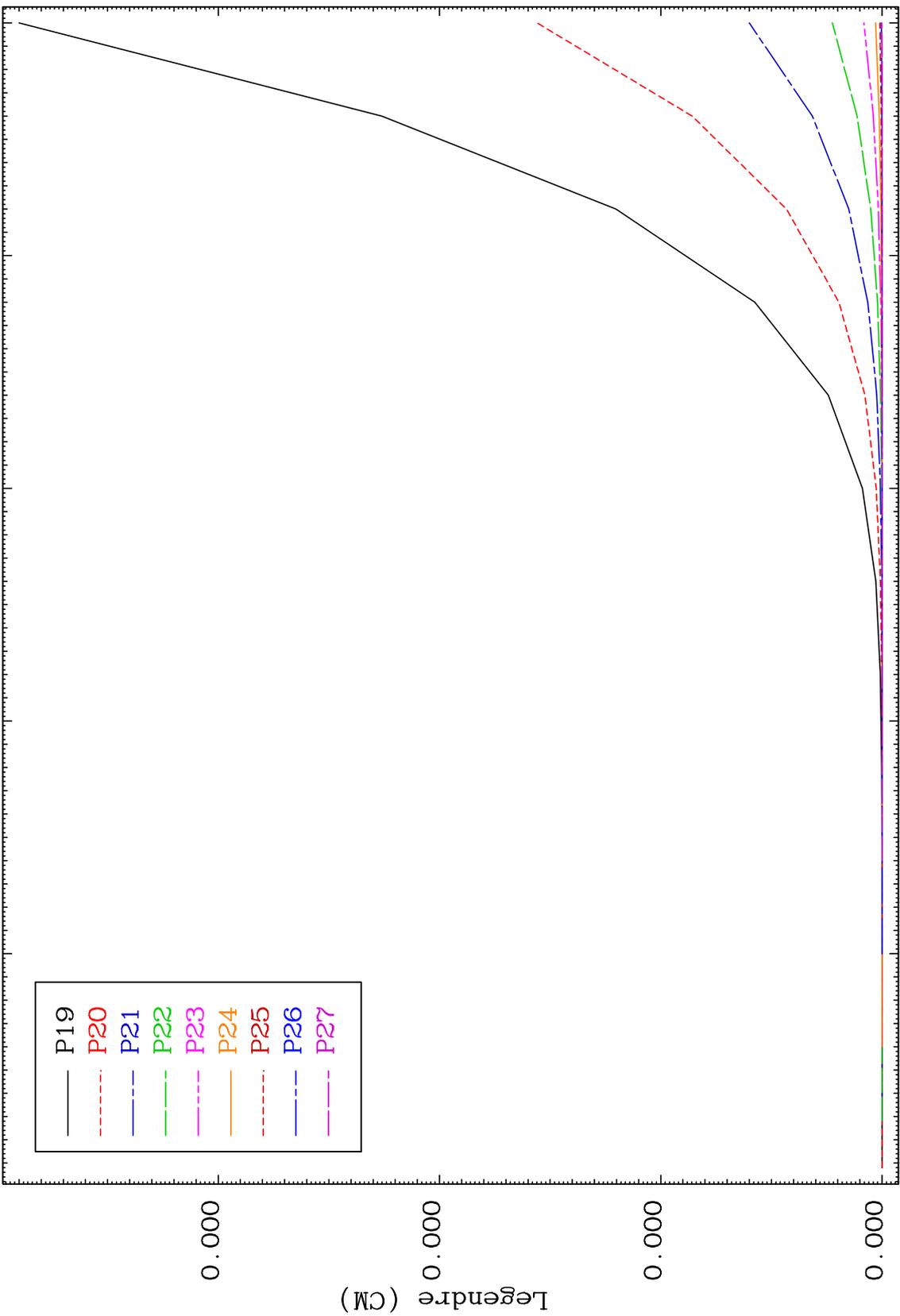
Incident Energy (MeV)

45-Rh-104

MAT 4528

Elastic Legendre Coefficients

45-Rh-104



18

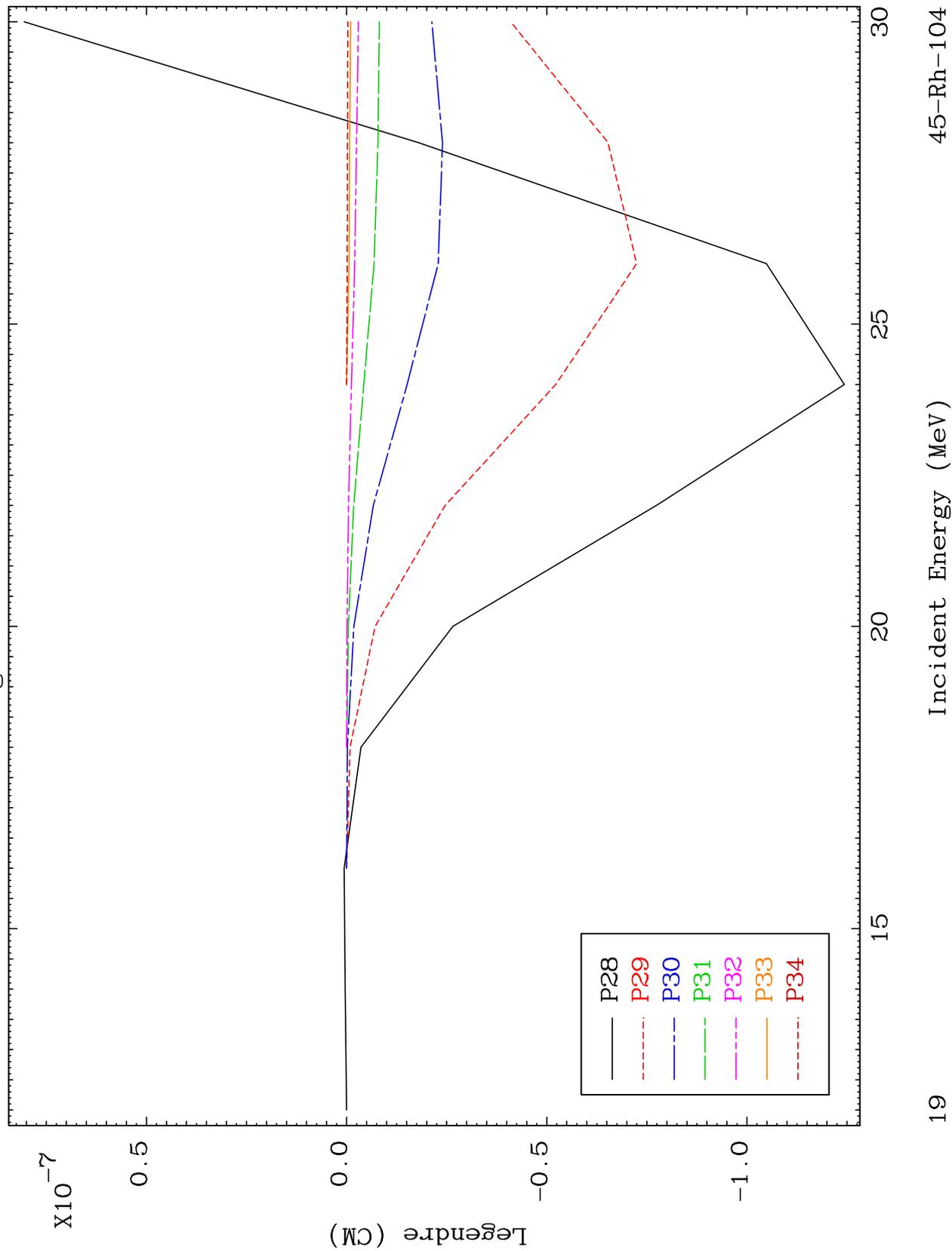
Incident Energy (MeV)

45-Rh-104

MAT 4528

Elastic Legendre Coefficients

45-Rh-104

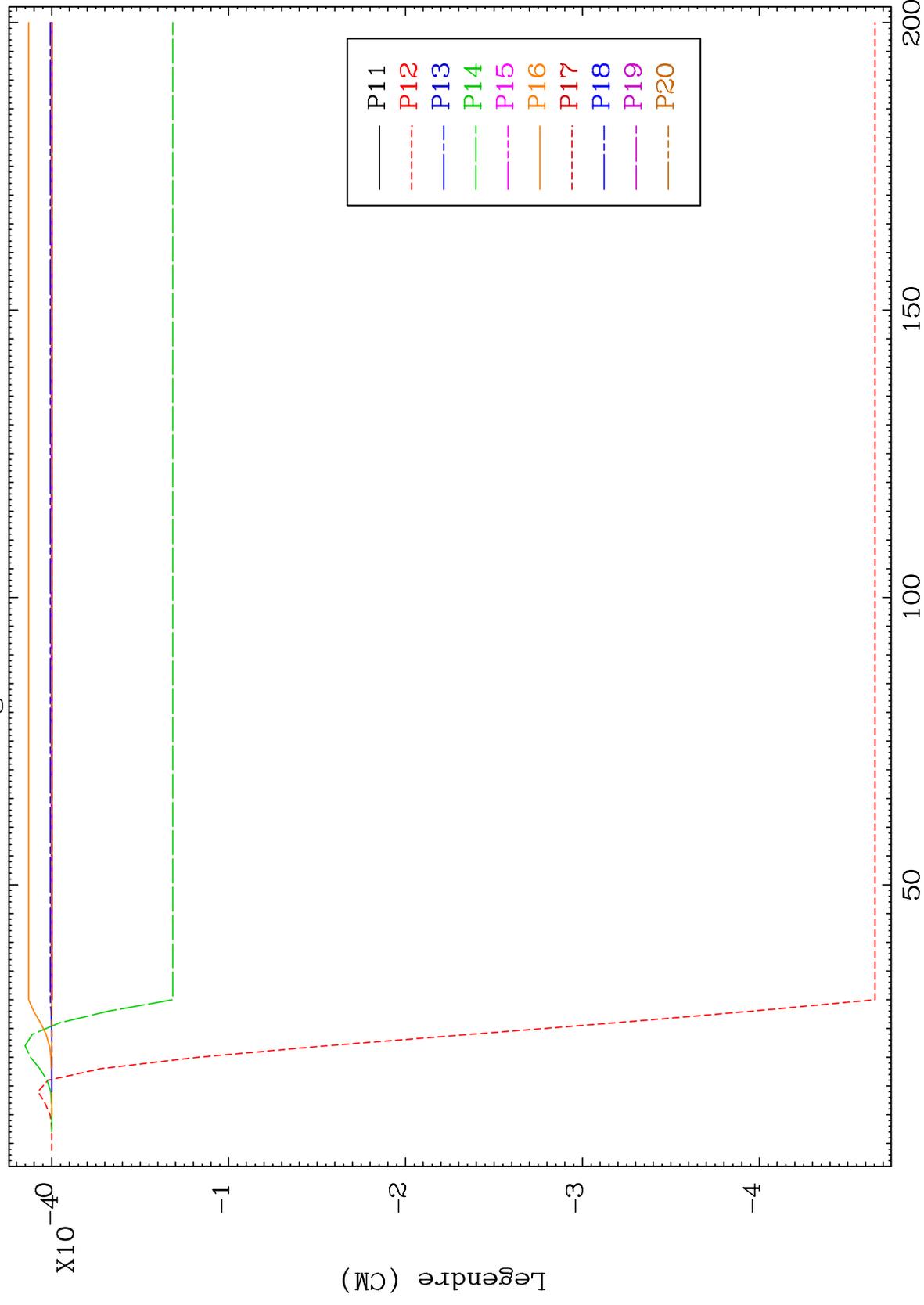


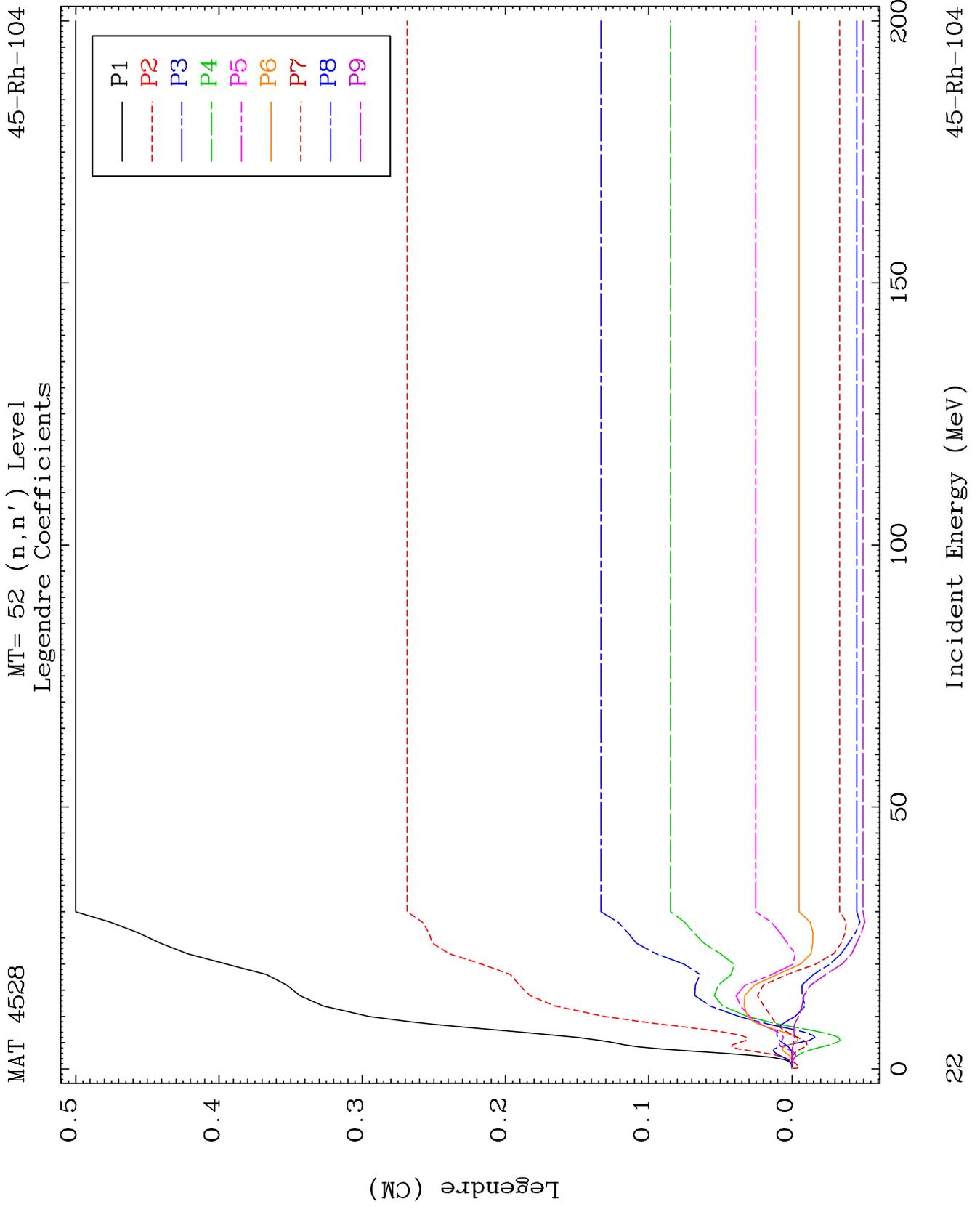


MAT 4528

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

45-Rh-104

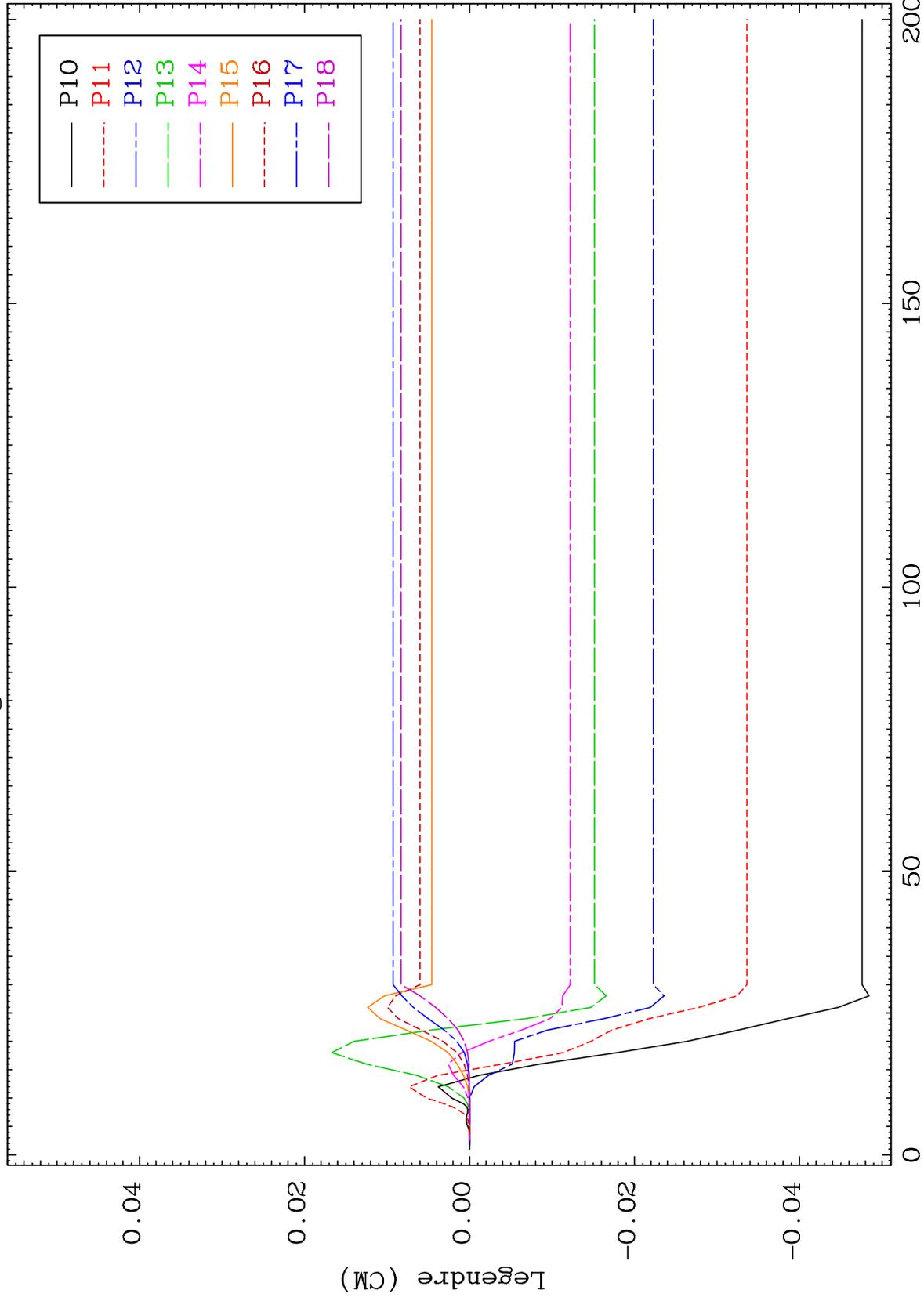




MAT 4528

MT= 52 (n,n') Level  
Legendre Coefficients

45-Rh-104



23

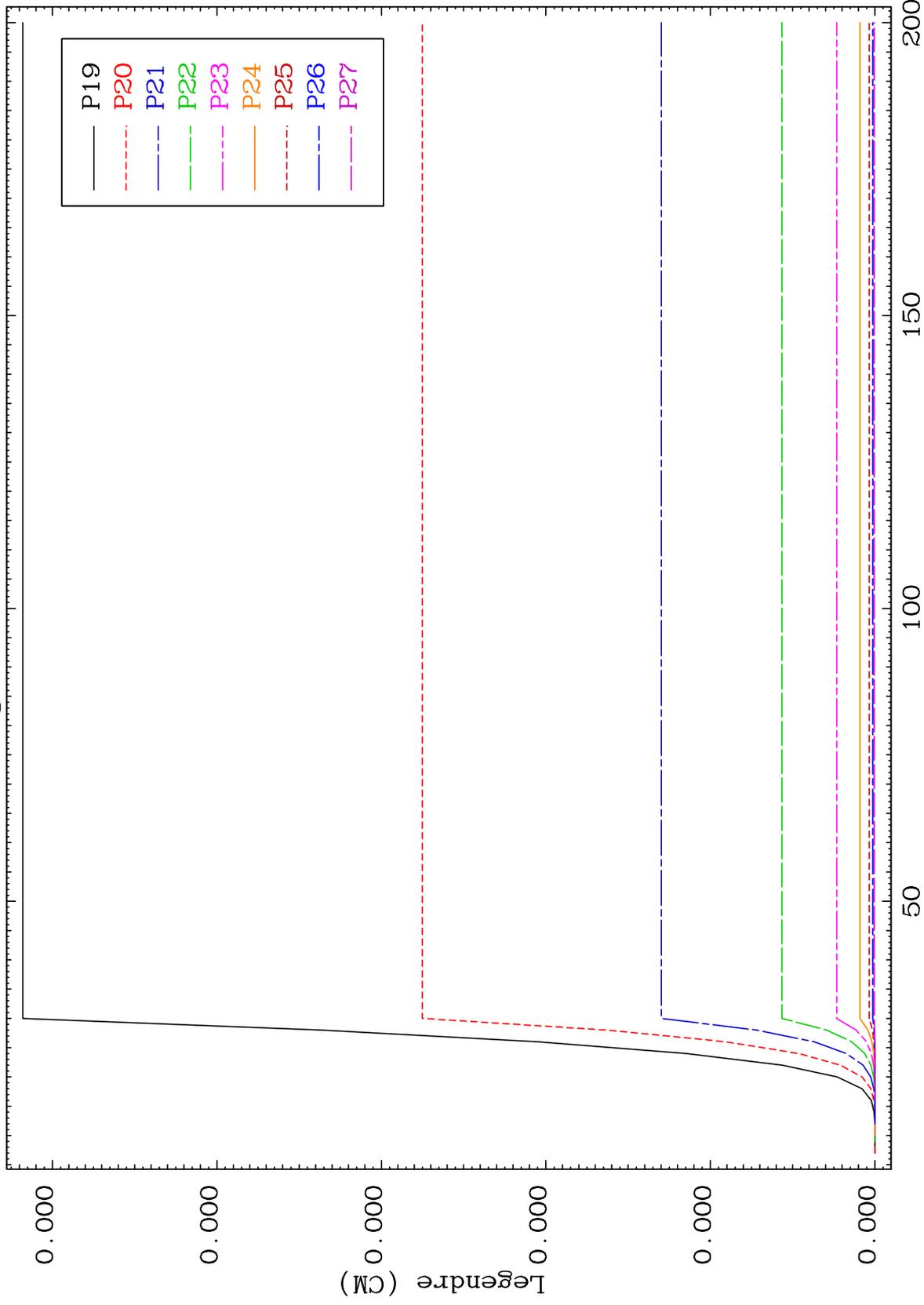
Incident Energy (MeV)

45-Rh-104

MAT 4528

MT= 52 (n,n') Level  
Legendre Coefficients

45-Rh-104



24

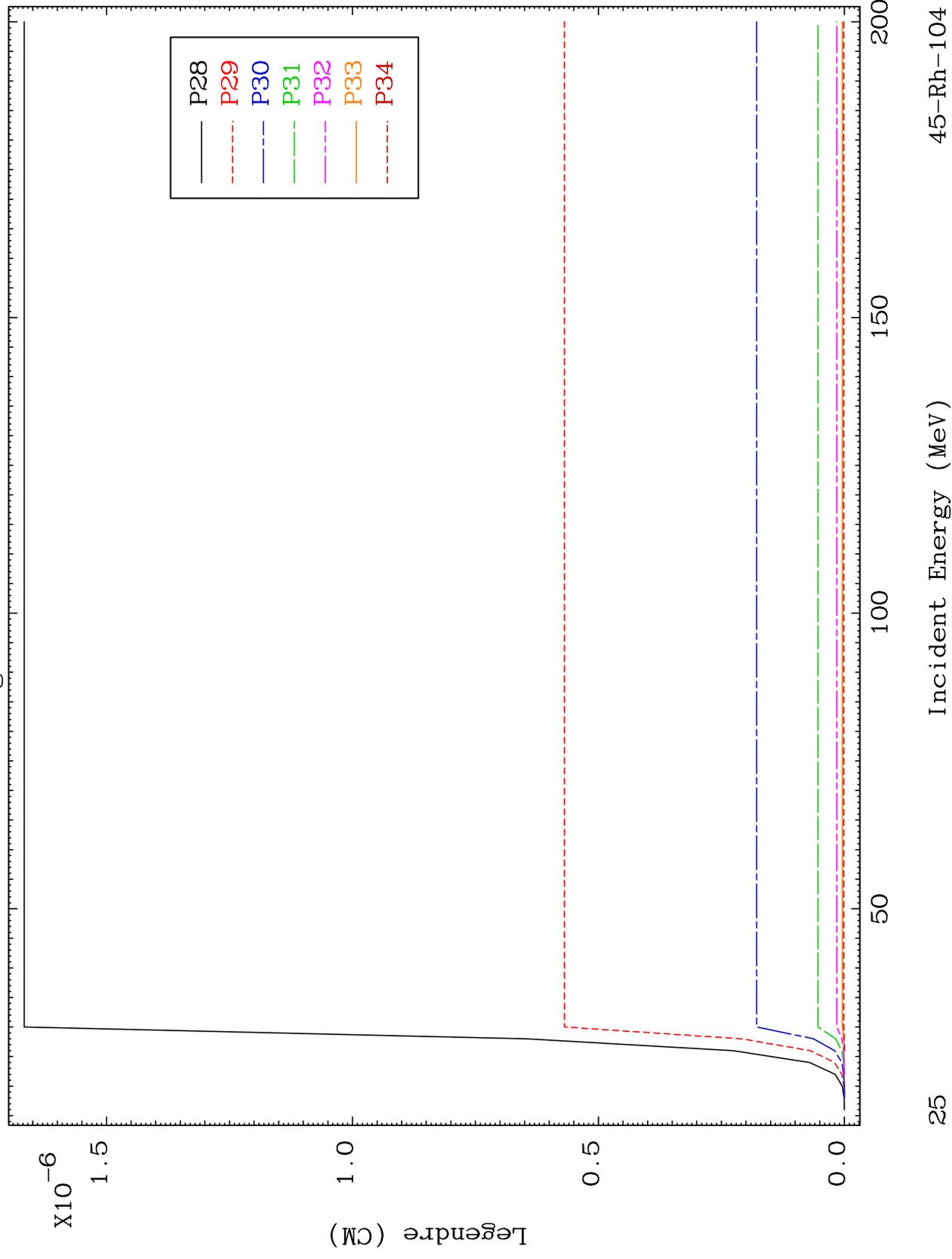
Incident Energy (MeV)

45-Rh-104

MAT 4528

MT= 52 (n,n') Level  
Legendre Coefficients

45-Rh-104



25

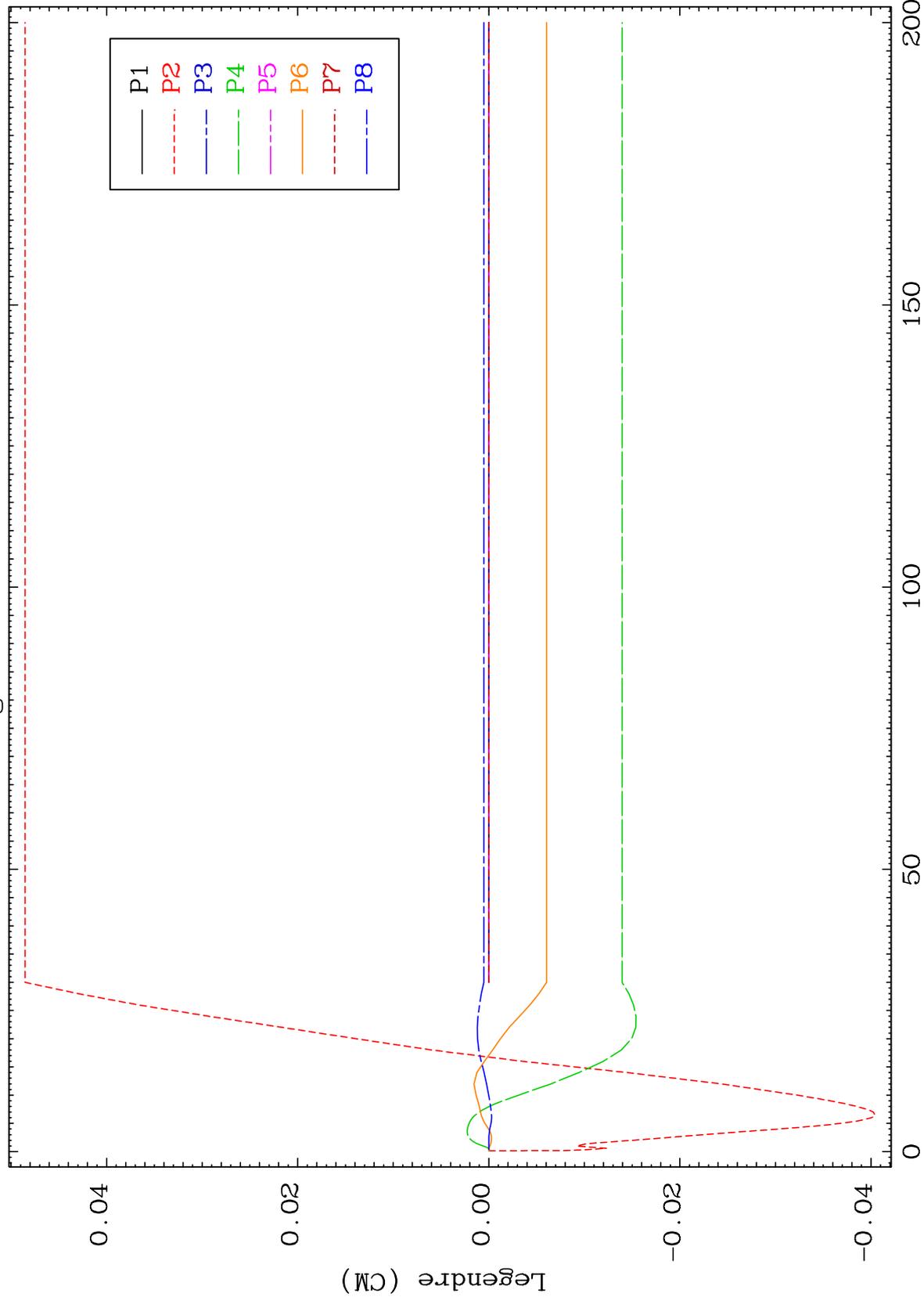
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



45-Rh-104

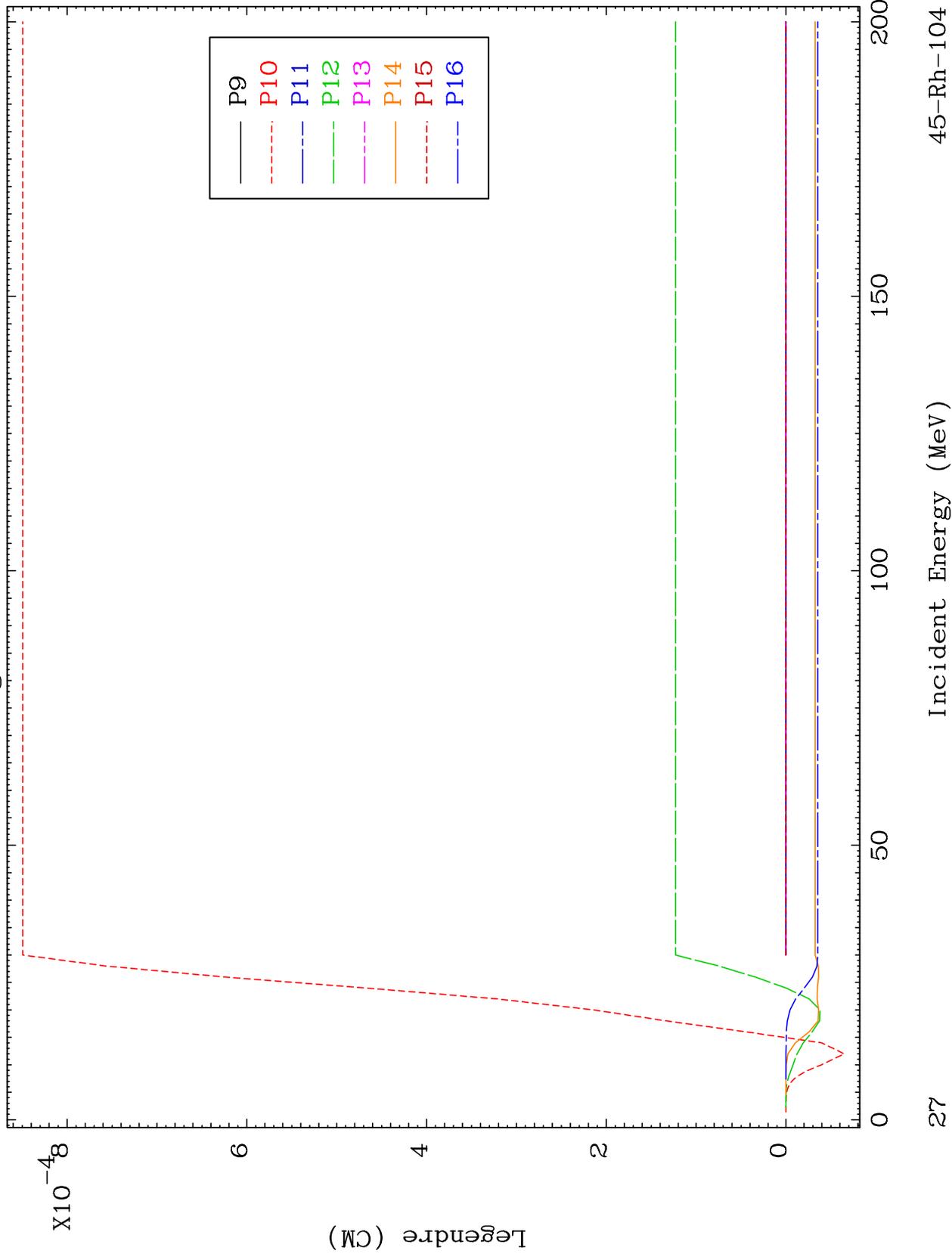
Incident Energy (MeV)

26

MAT 4528

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

45-Rh-104



27

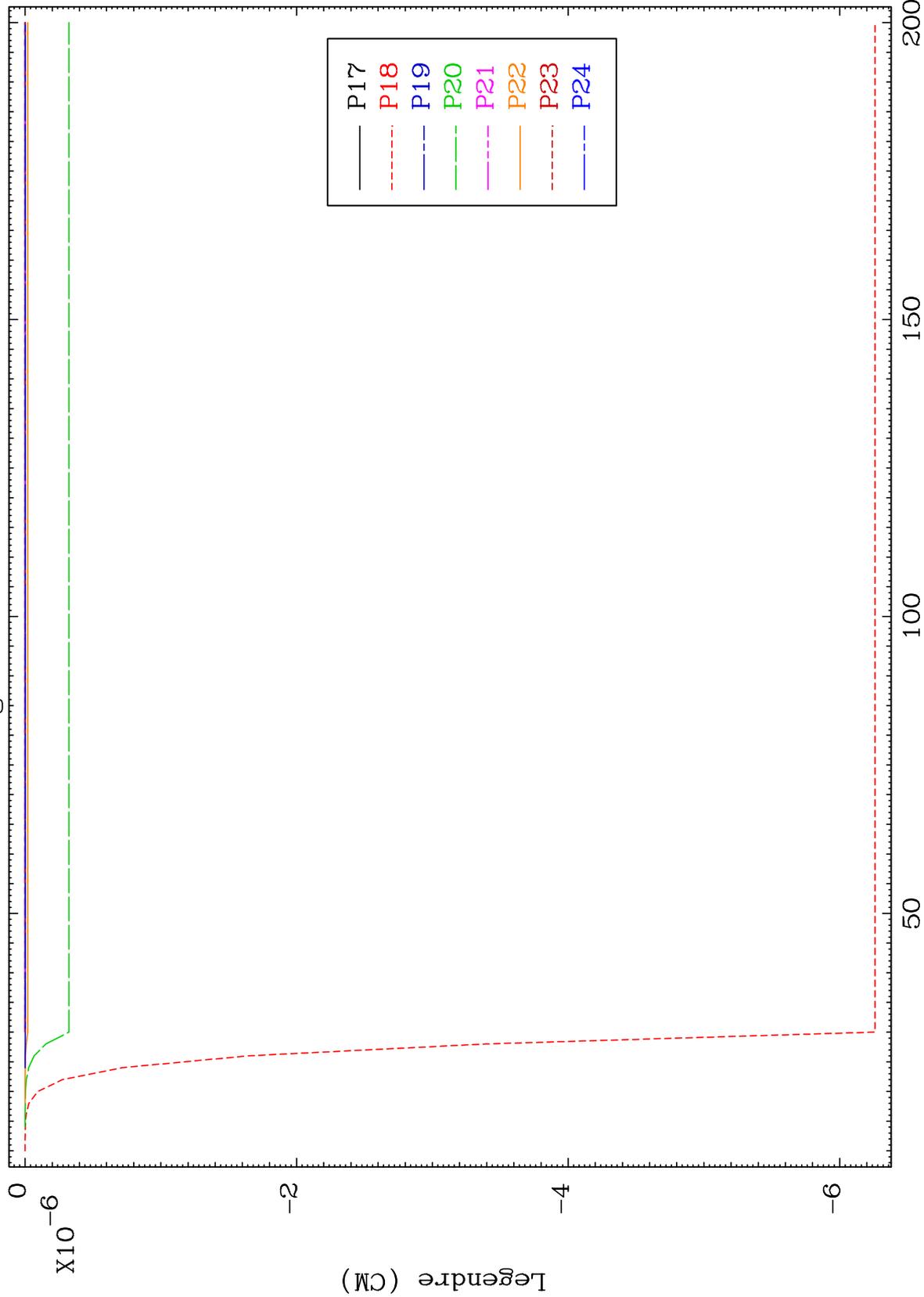
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



28

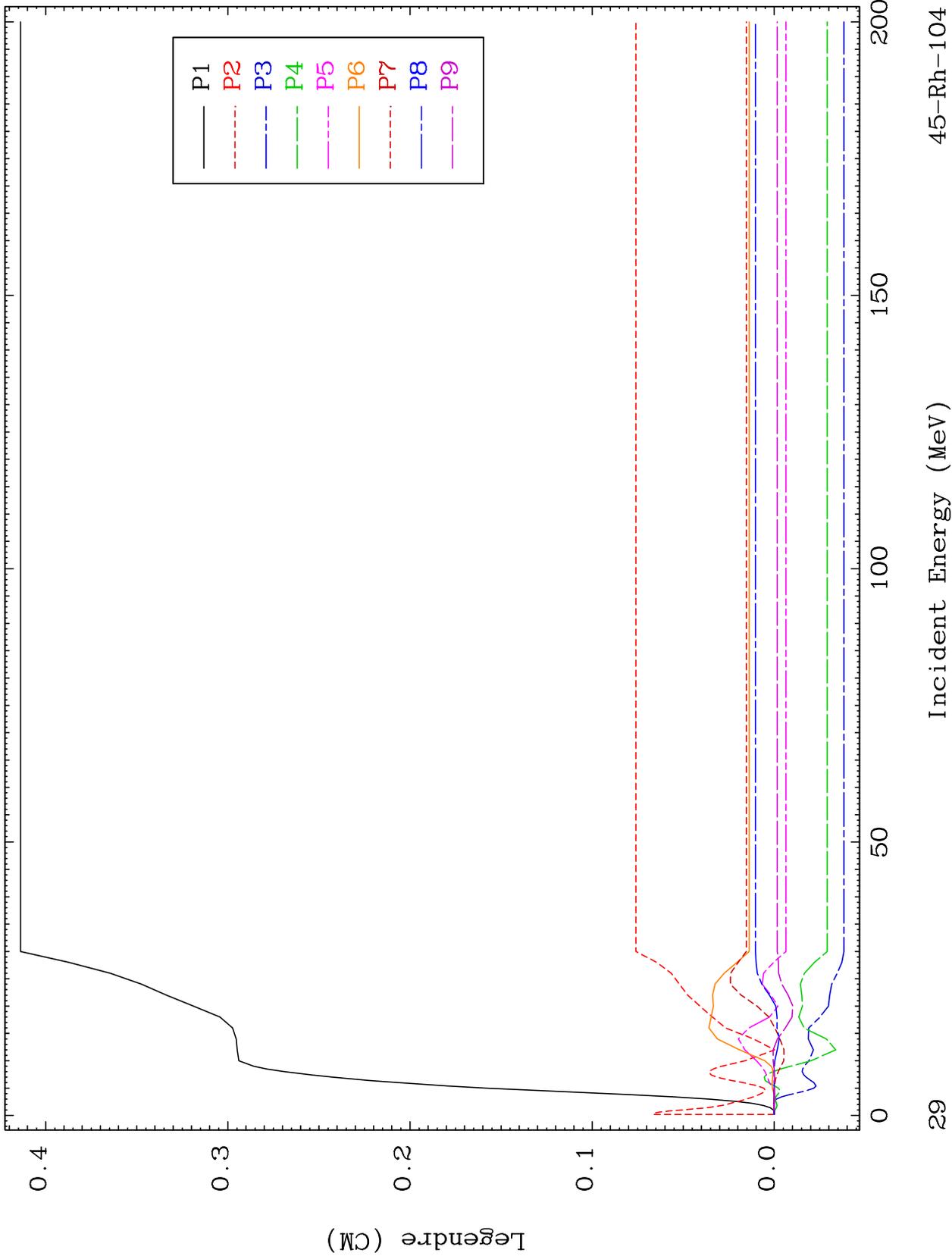
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

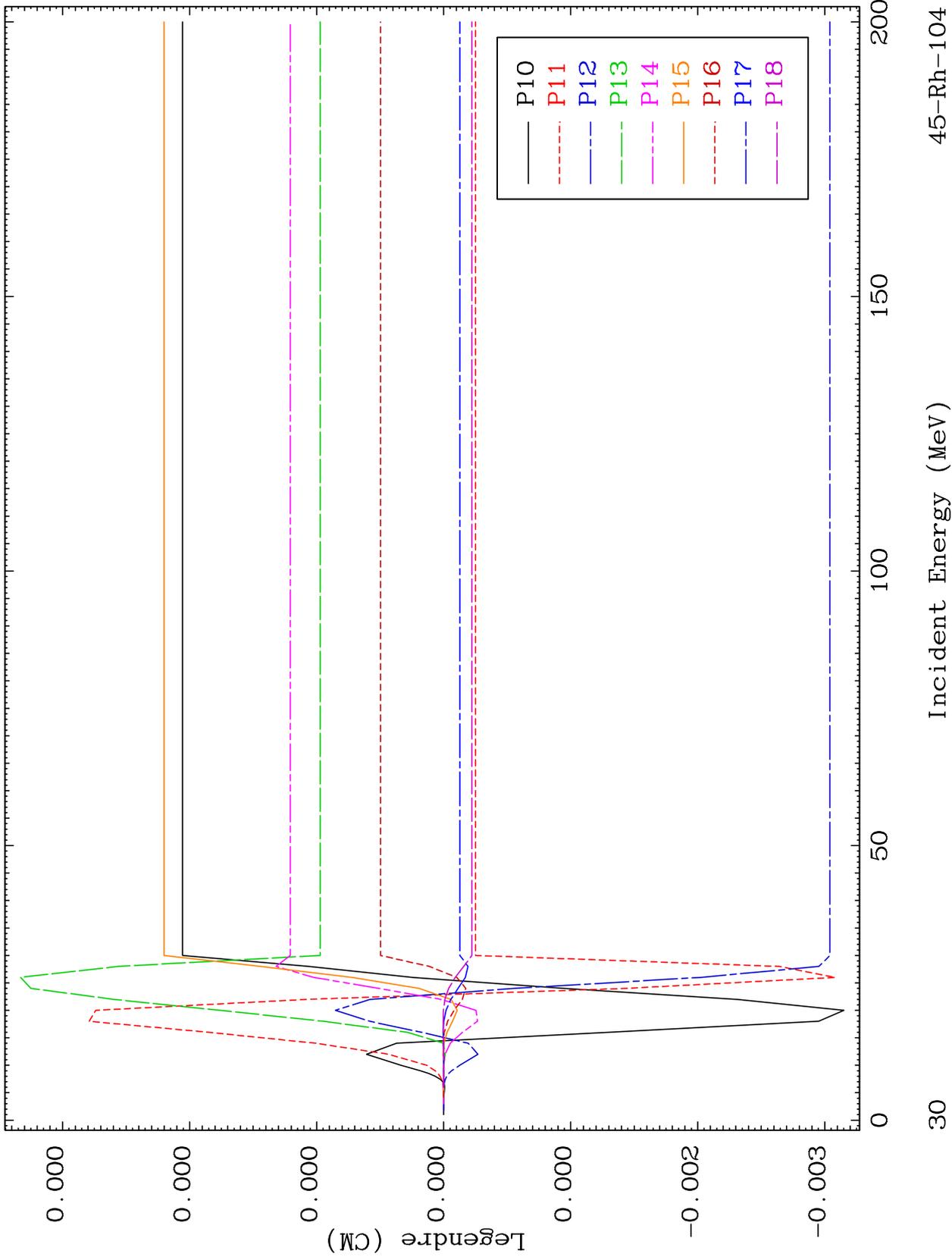
45-Rh-104



MAT 4528

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

45-Rh-104

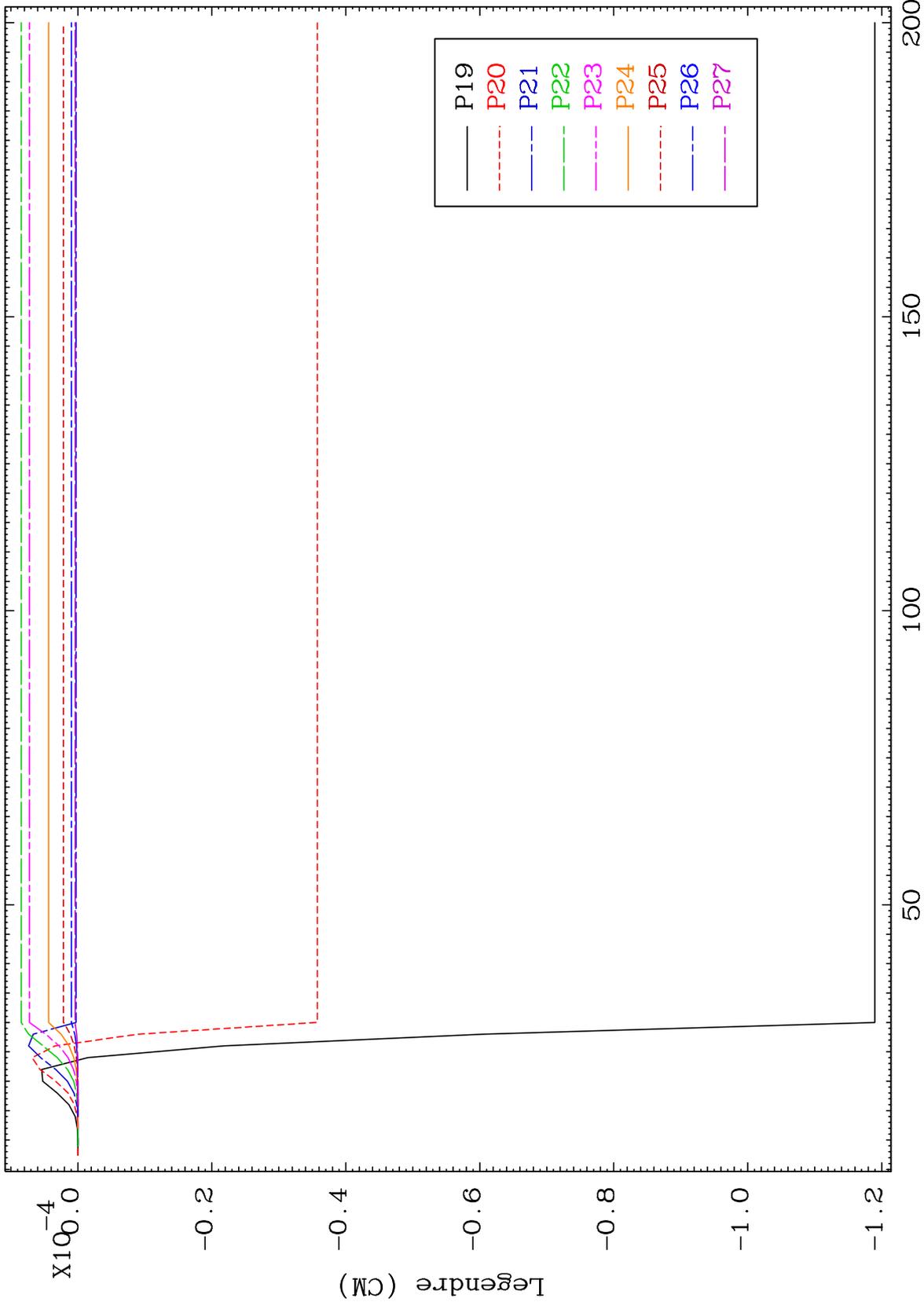


MAT 4528

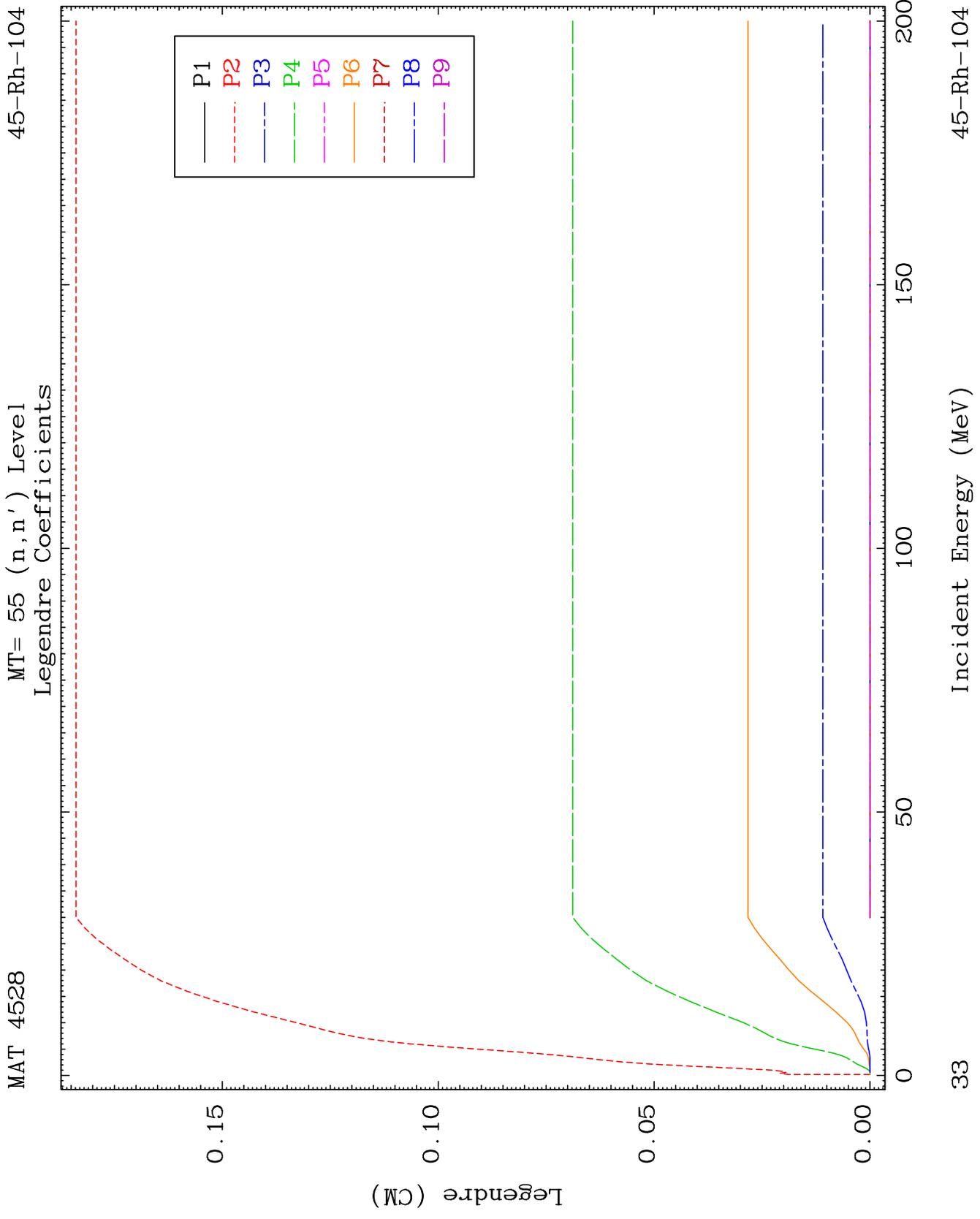
MT= 54 (n,n') Level

45-Rh-104

Legendre Coefficients



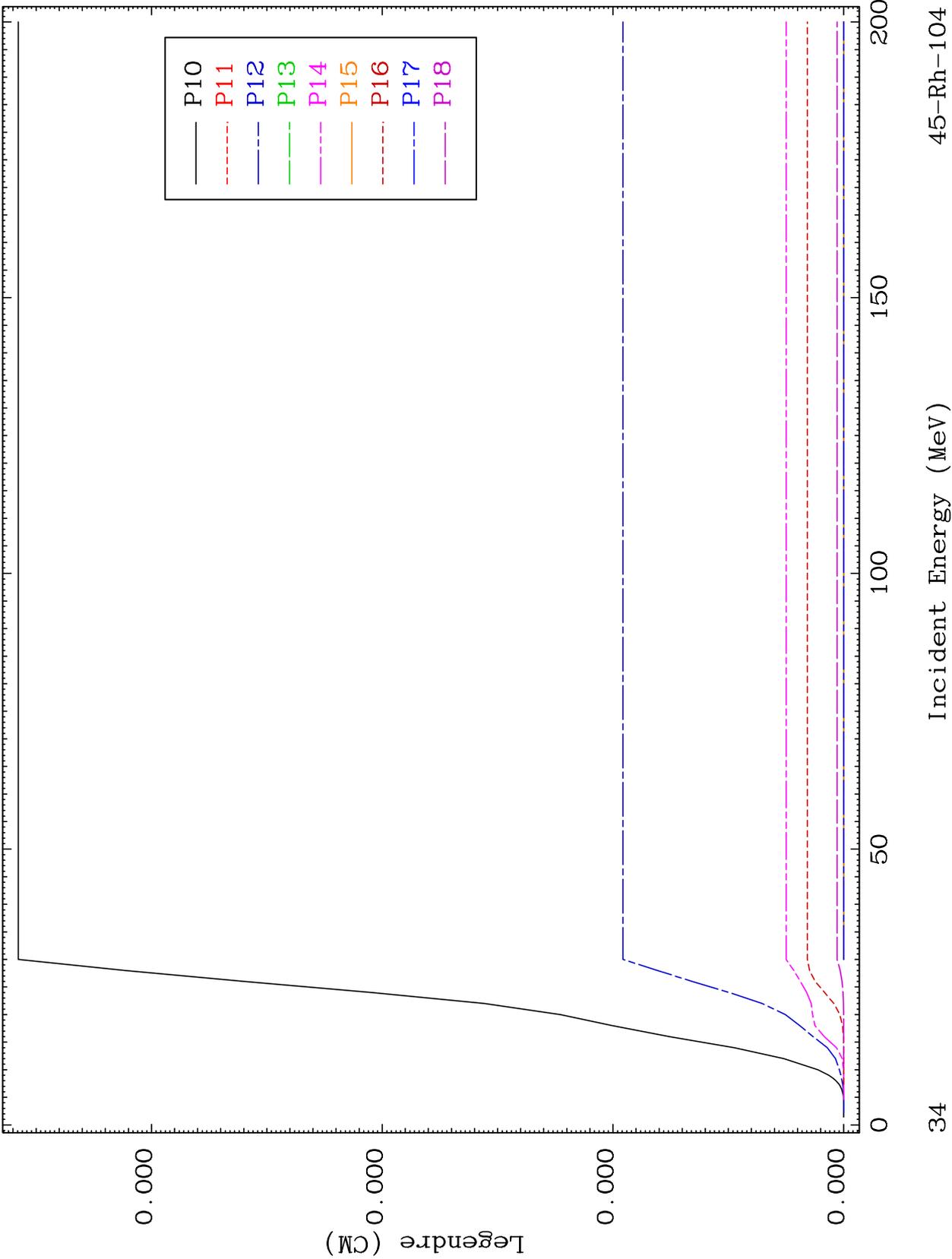




MAT 4528

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

45-Rh-104



34

Incident Energy (MeV)

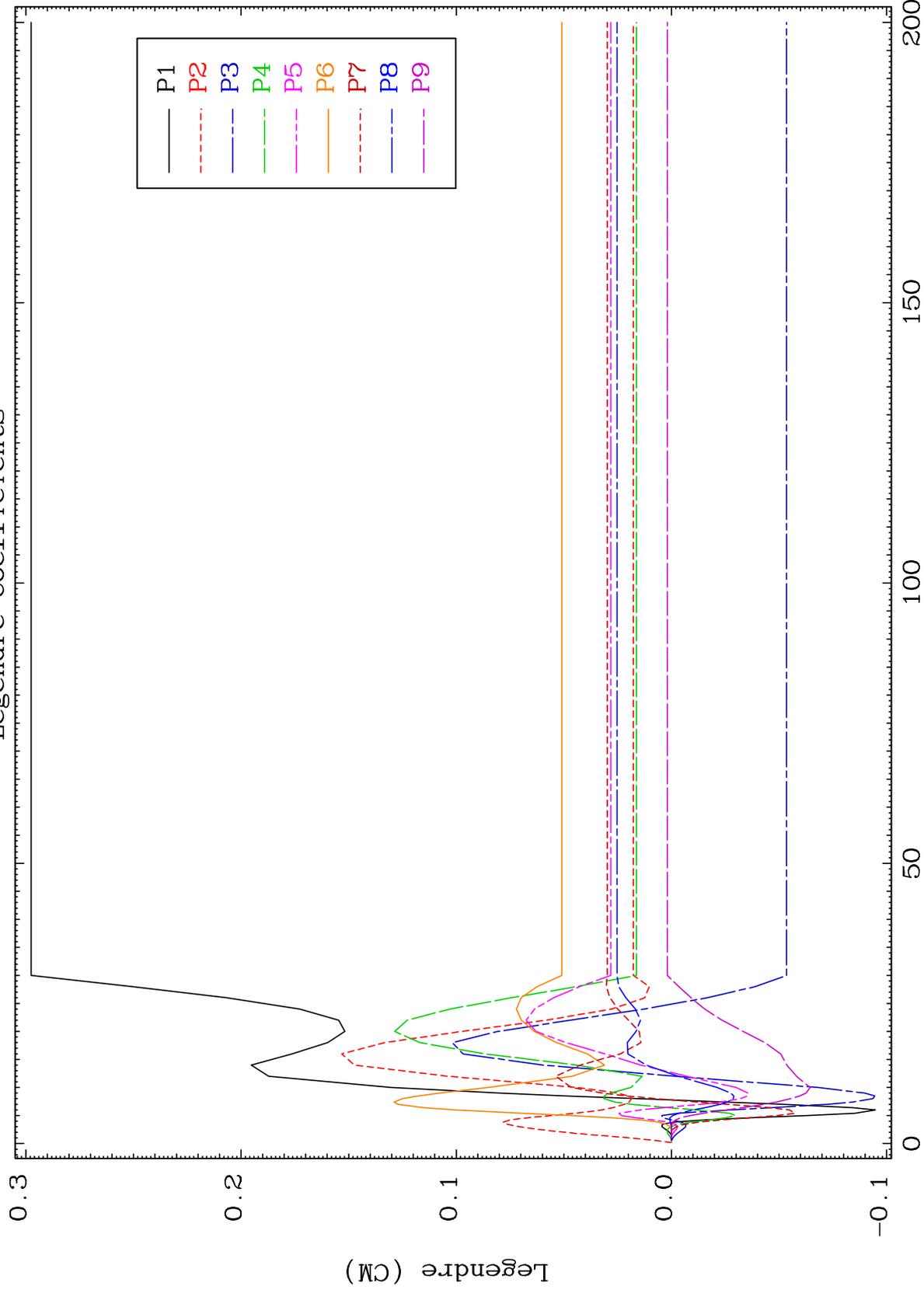
45-Rh-104



MAT 4528

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

45-Rh-104



36

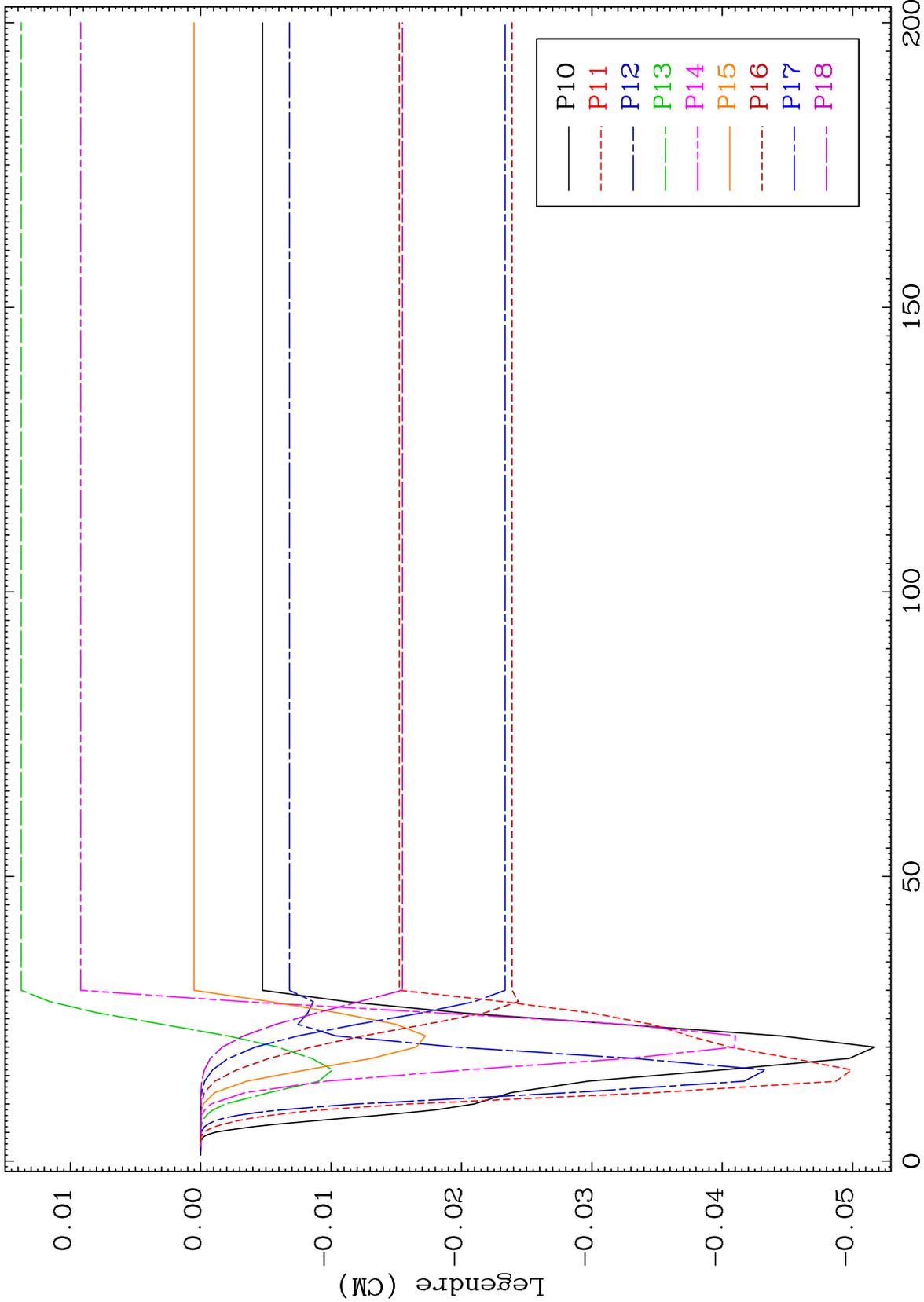
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

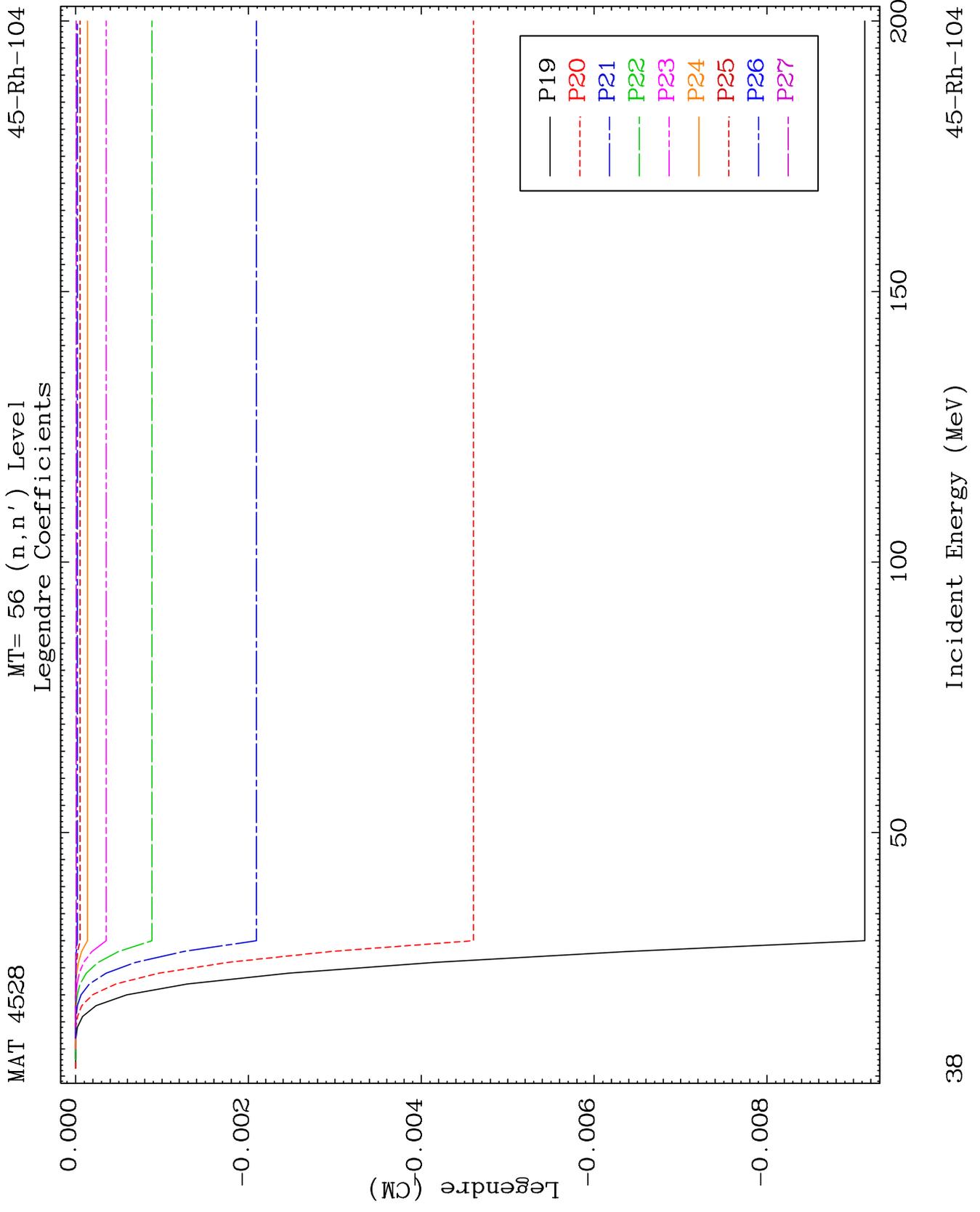
45-Rh-104

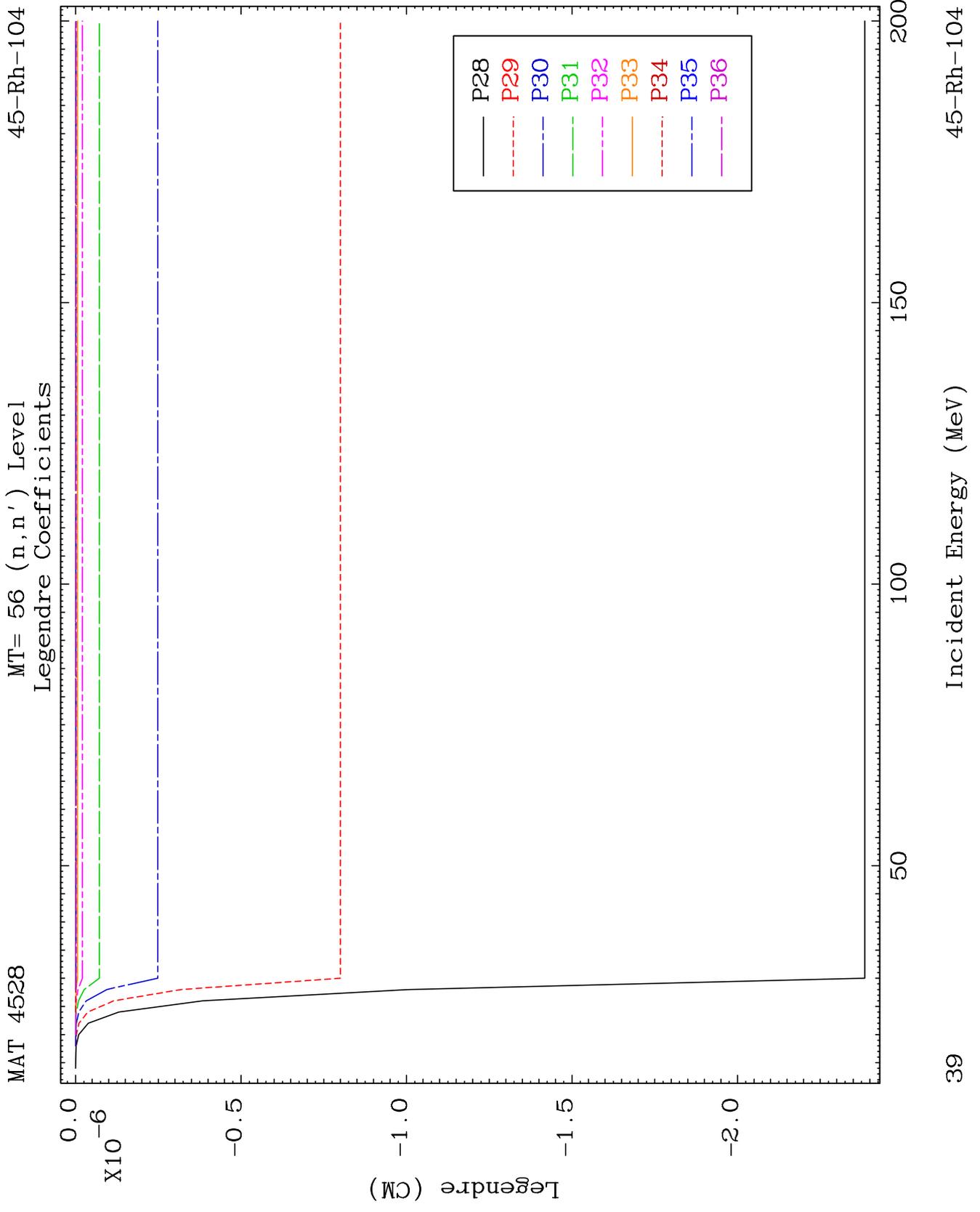


37

Incident Energy (MeV)

45-Rh-104



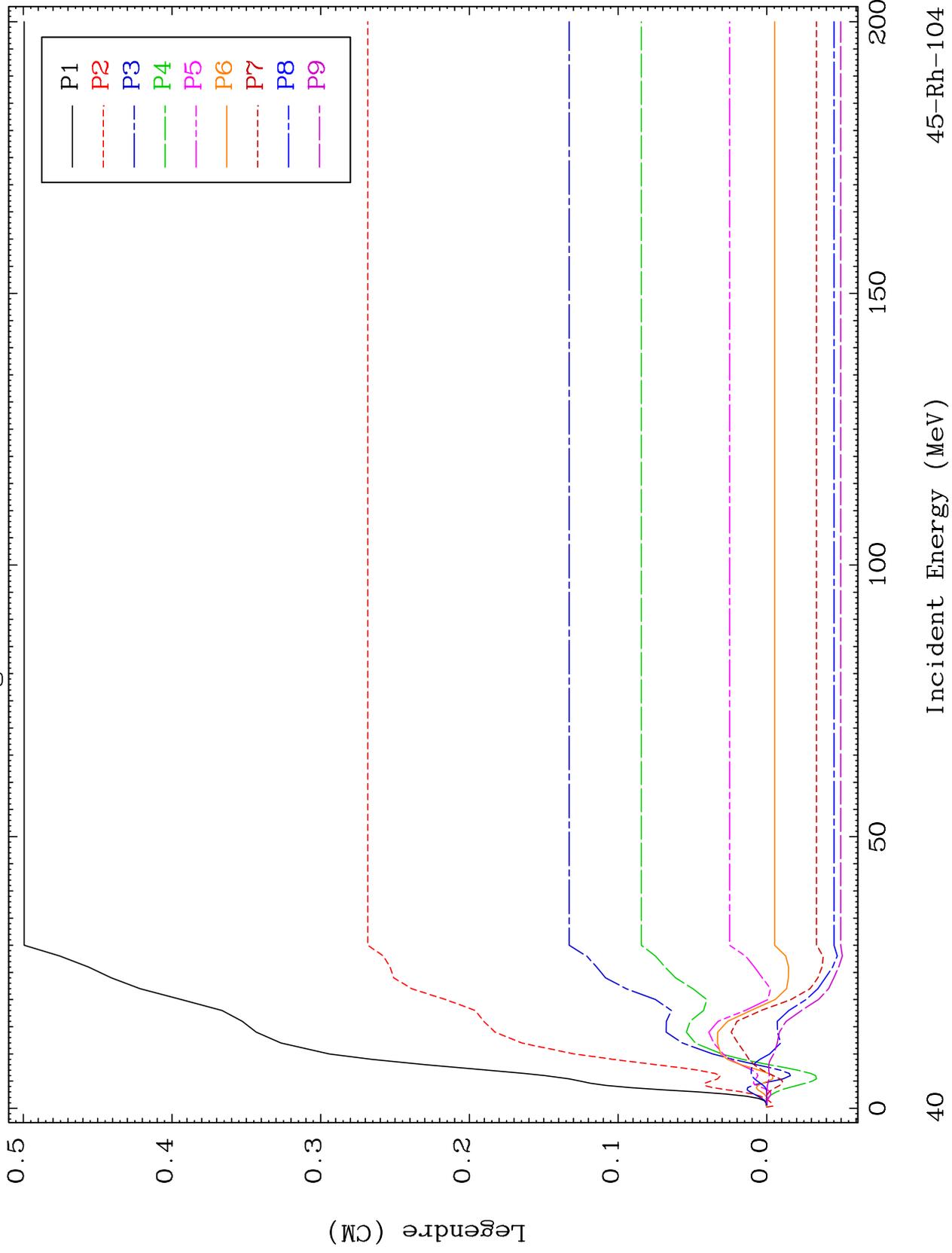


MAT 4528

MT= 57 (n,n') Level

45-Rh-104

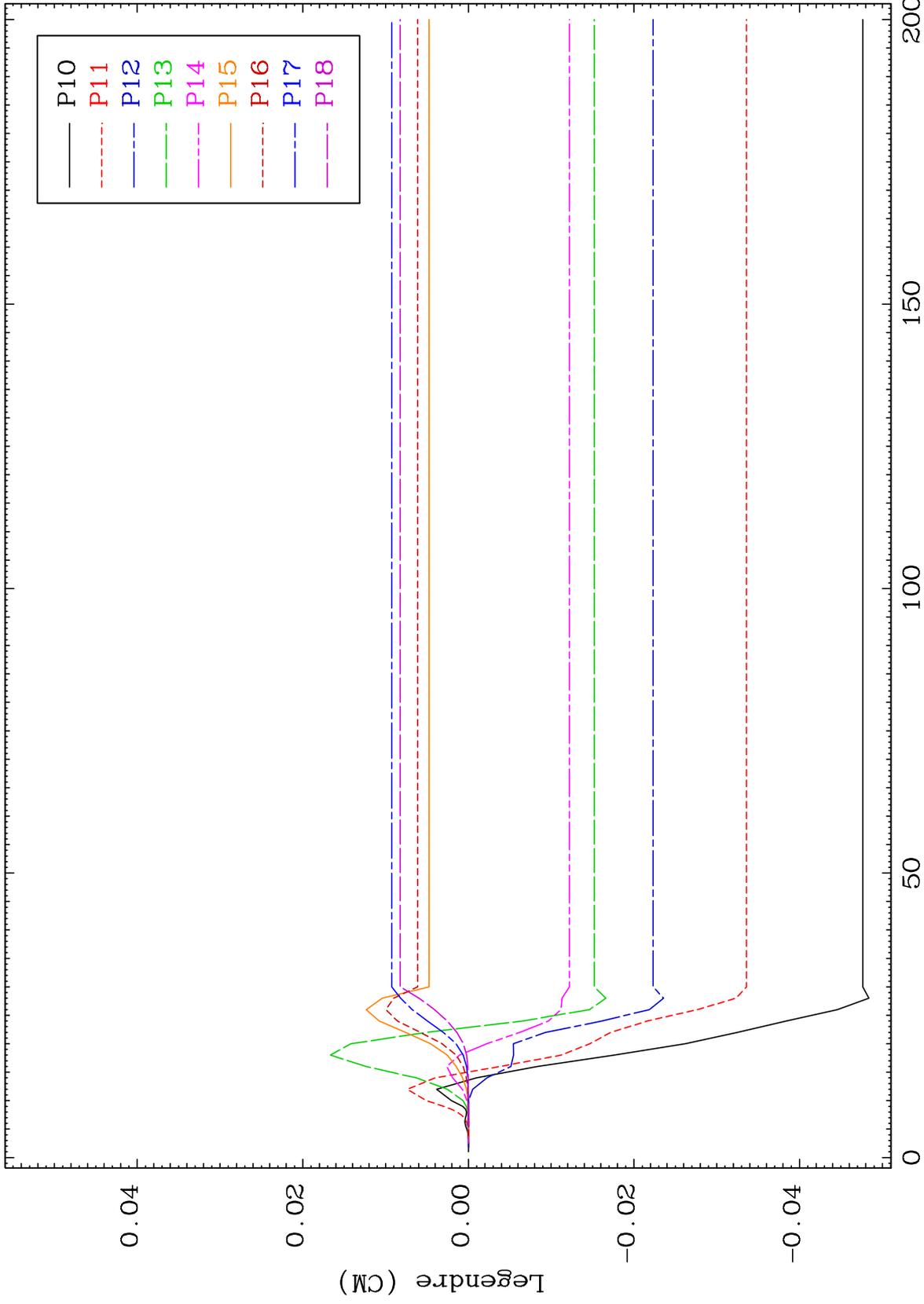
Legendre Coefficients



MAT 4528

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

45-Rh-104



41

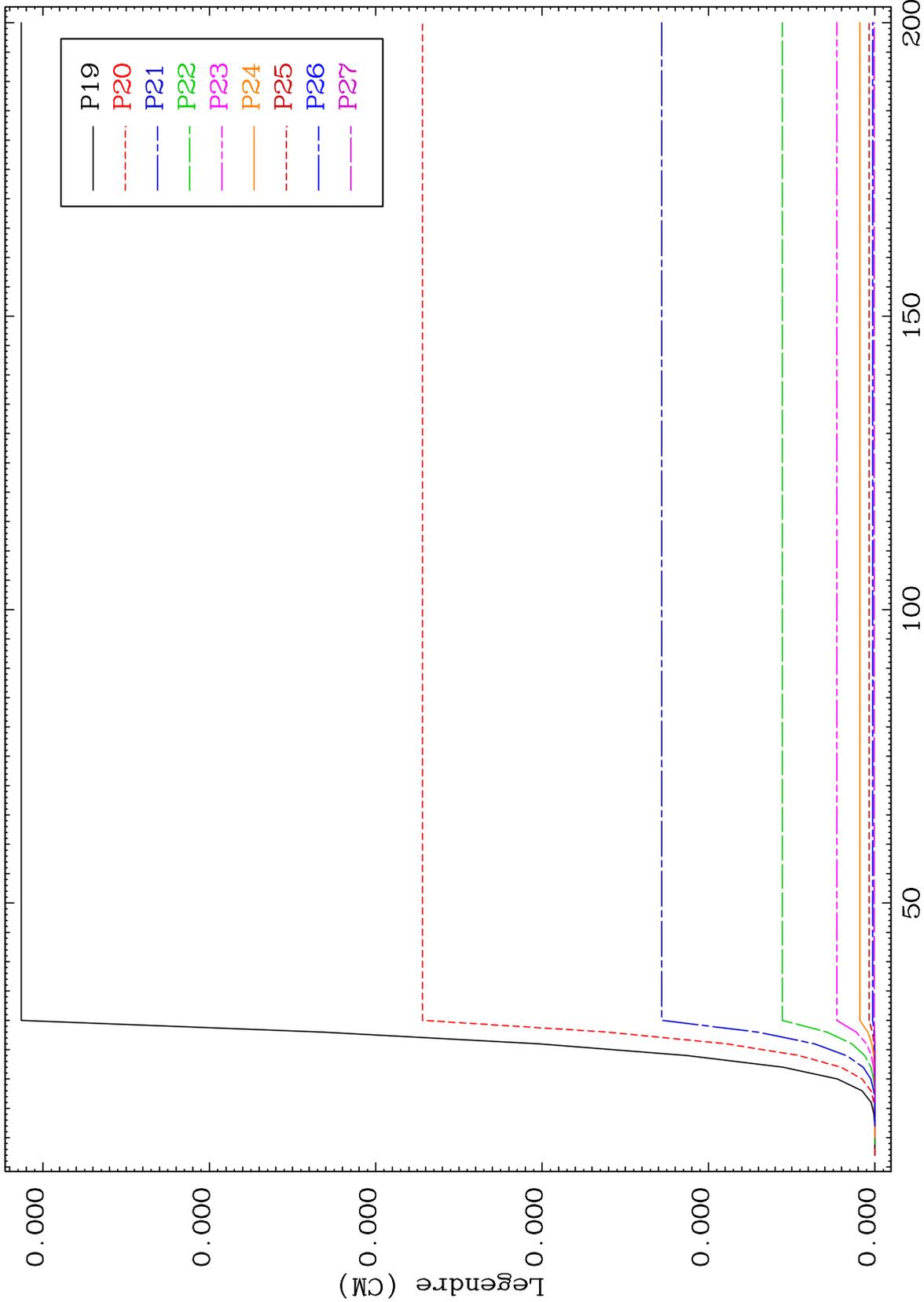
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



42

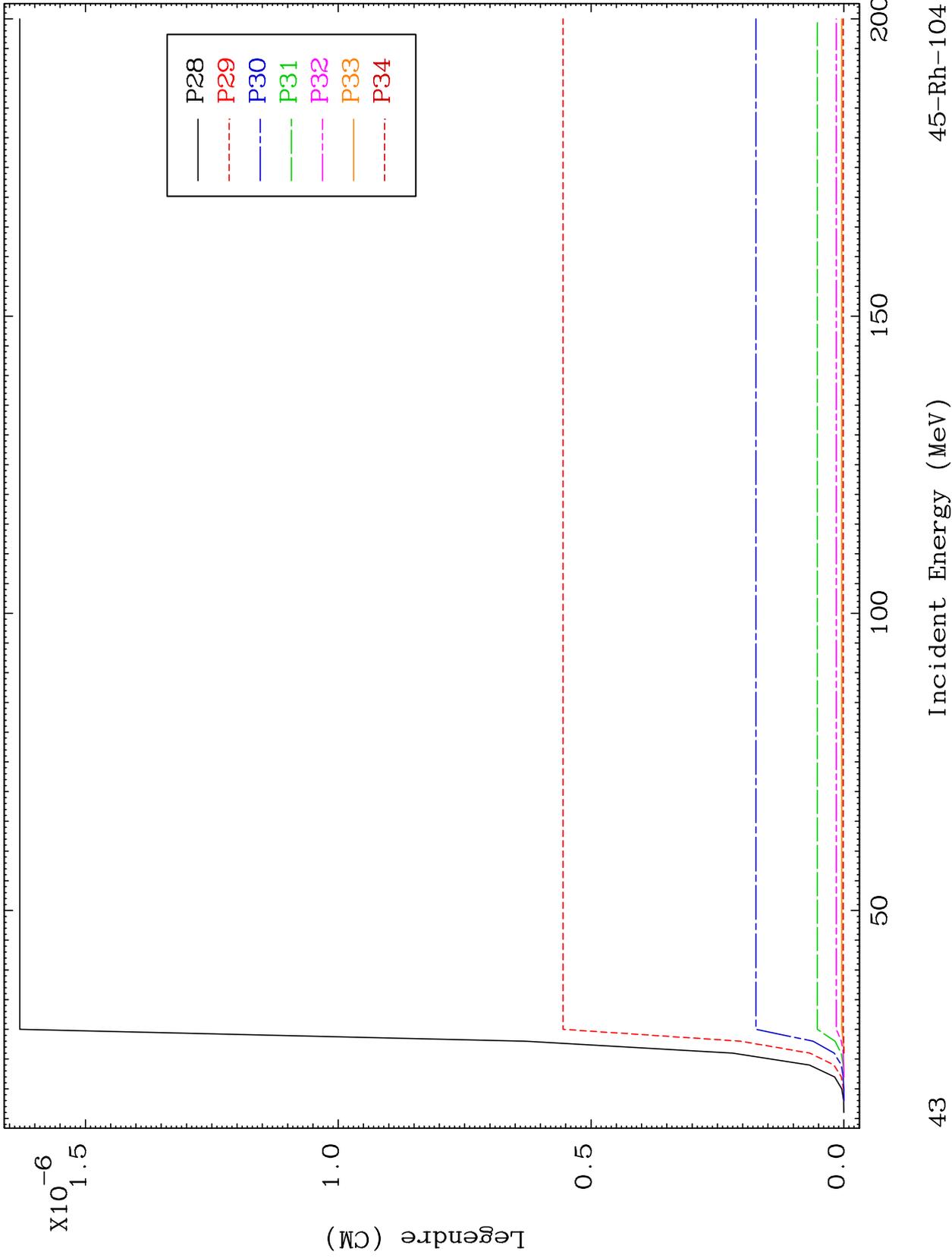
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

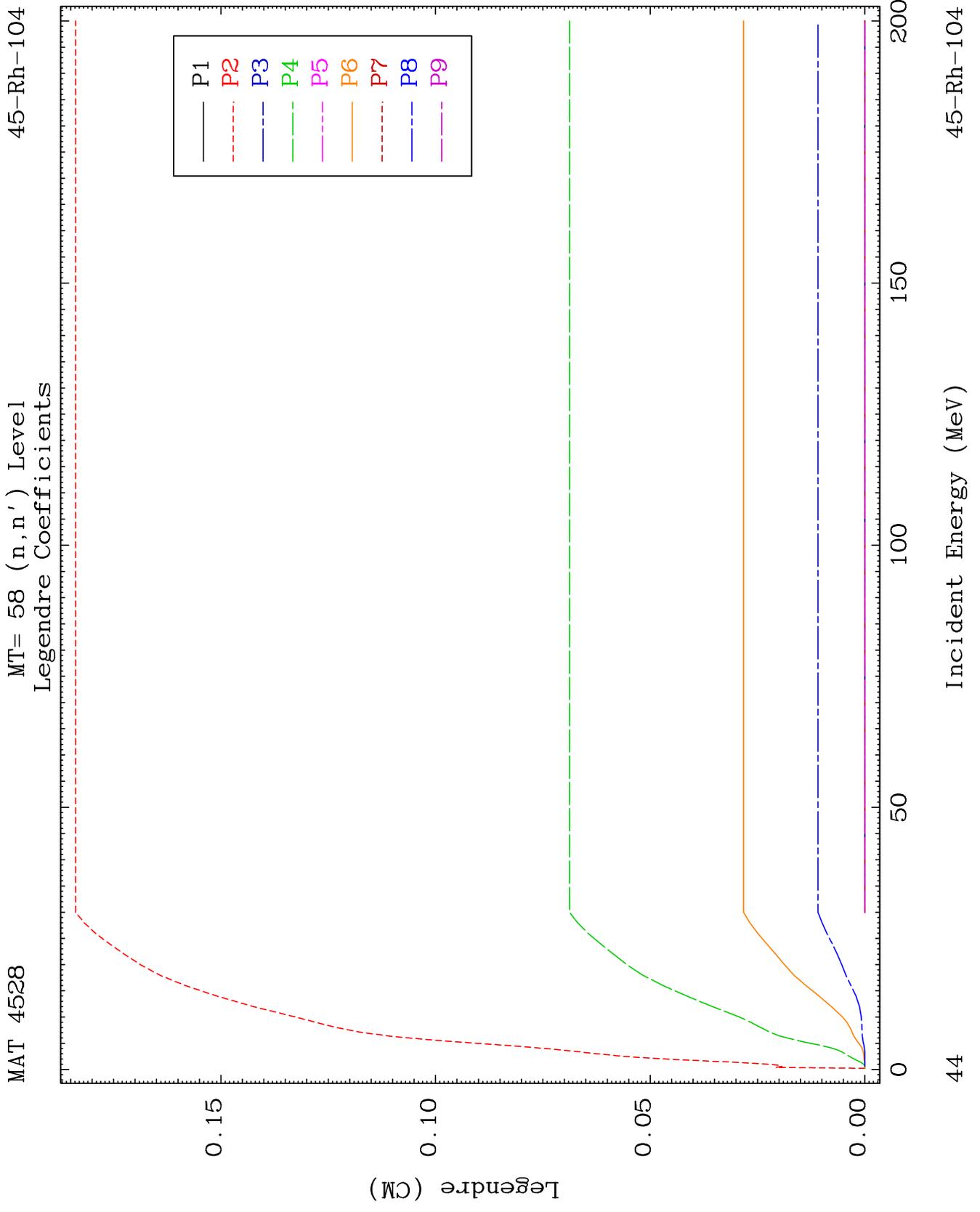
45-Rh-104



43

Incident Energy (MeV)

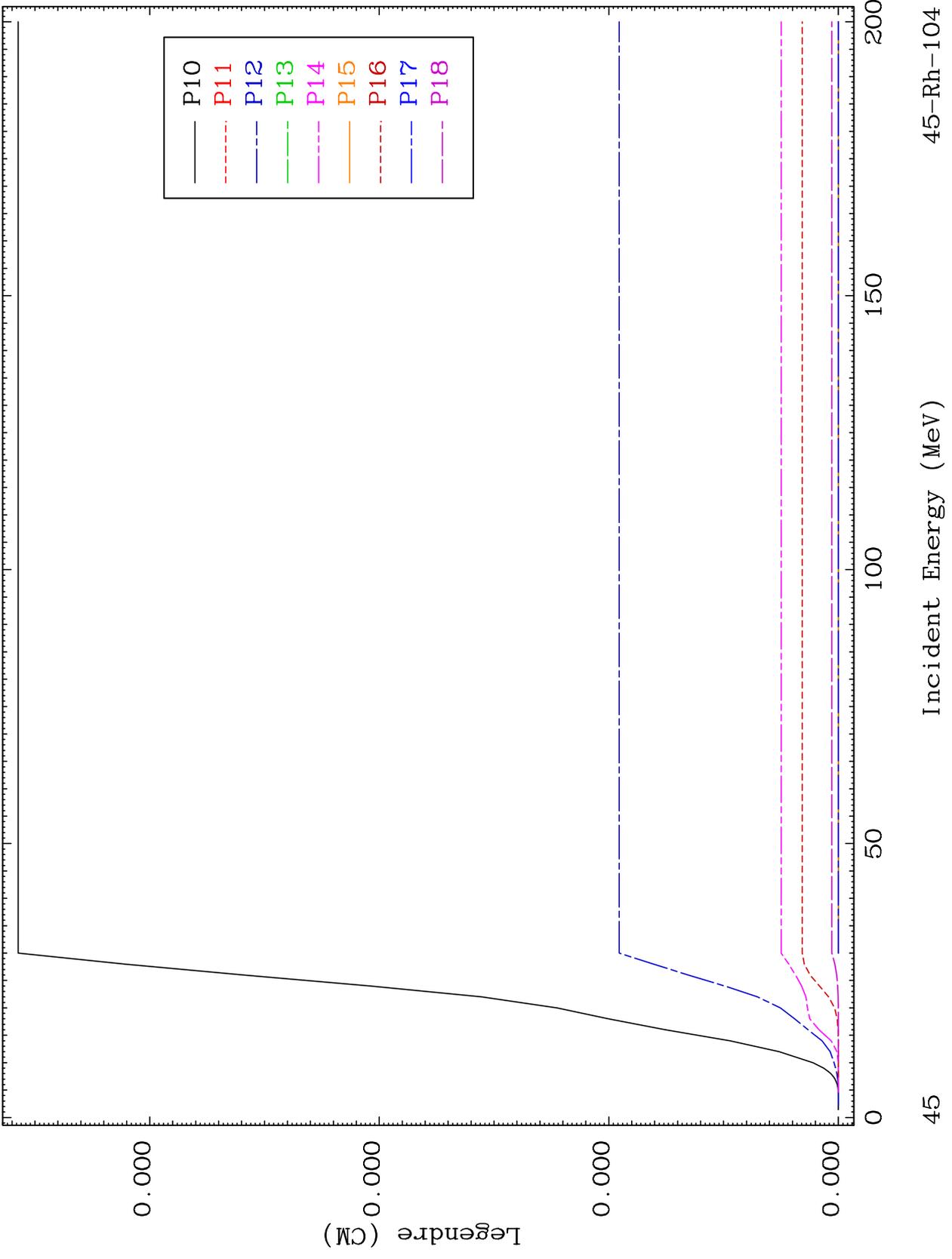
45-Rh-104



MAT 4528

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

45-Rh-104



45-Rh-104

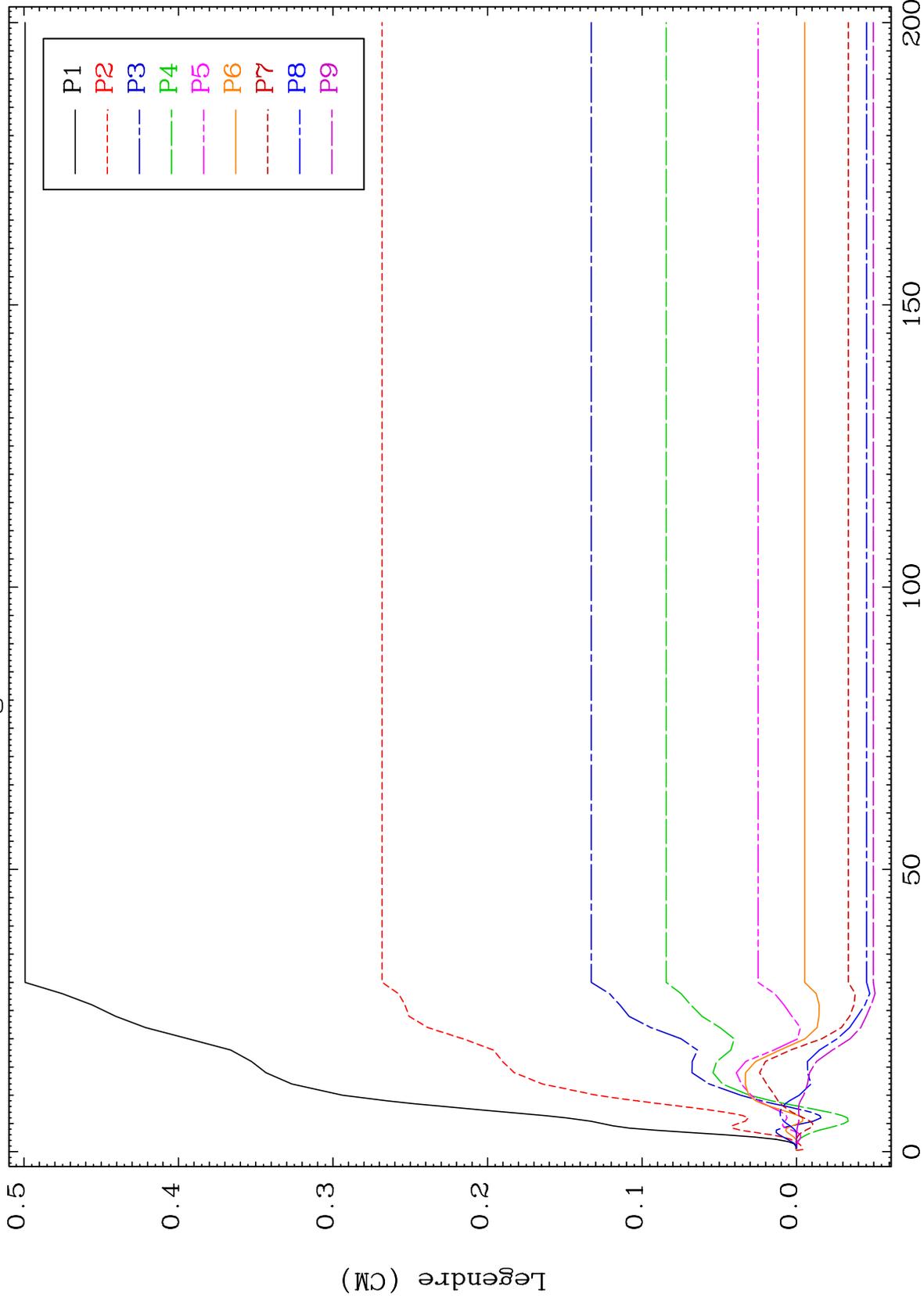


MAT 4528

MT= 59 (n,n') Level

45-Rh-104

Legendre Coefficients



47

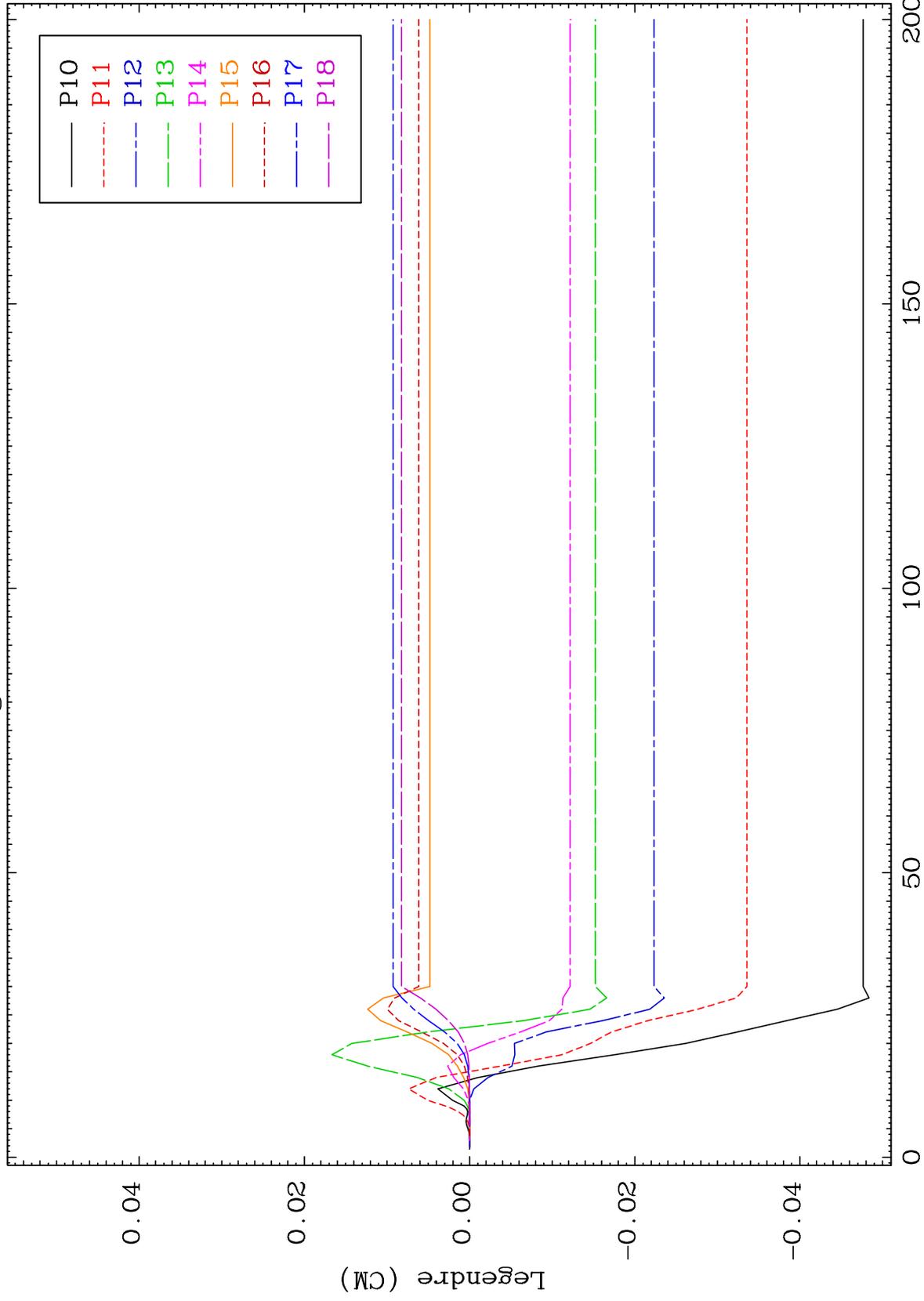
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



48

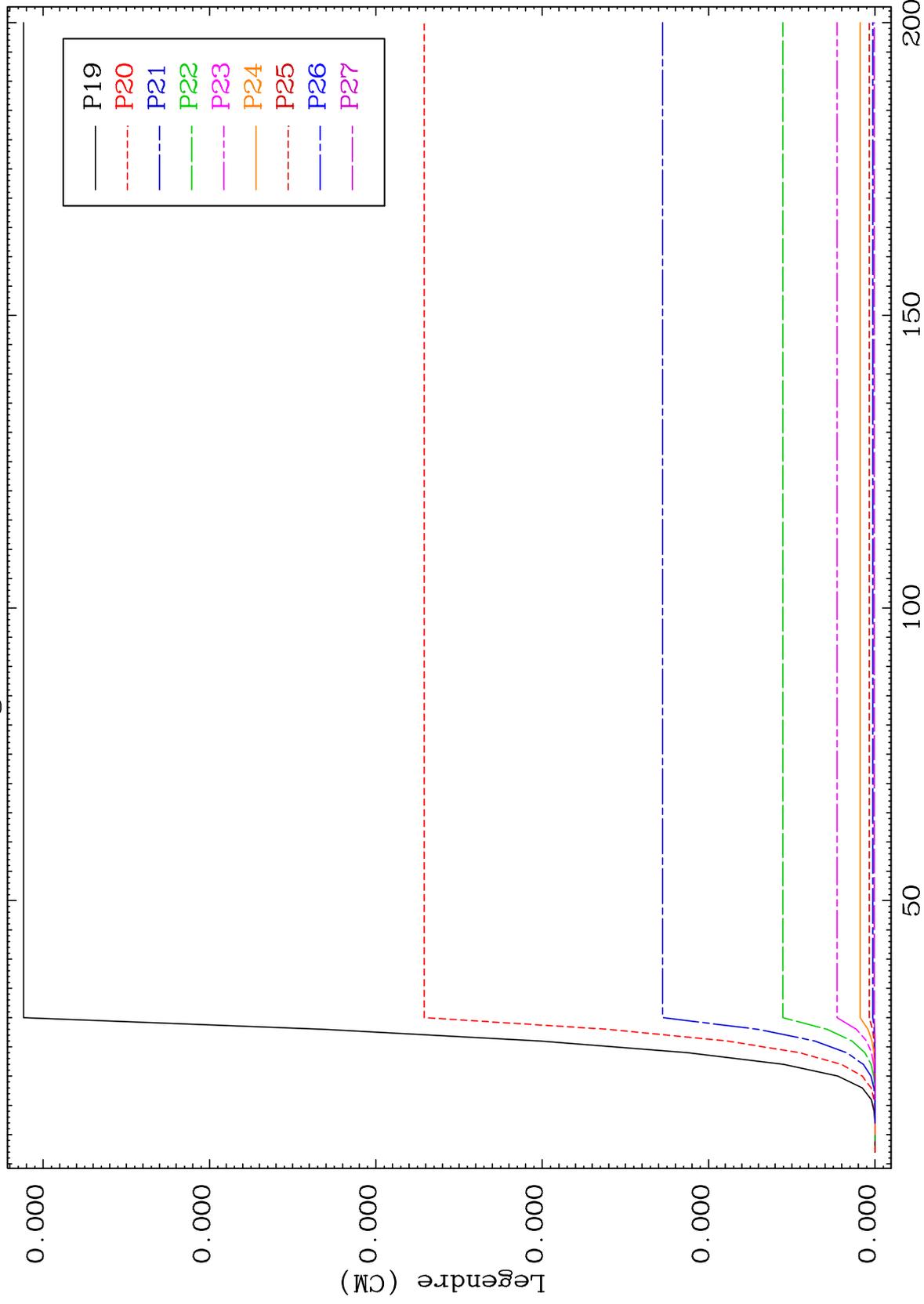
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



49

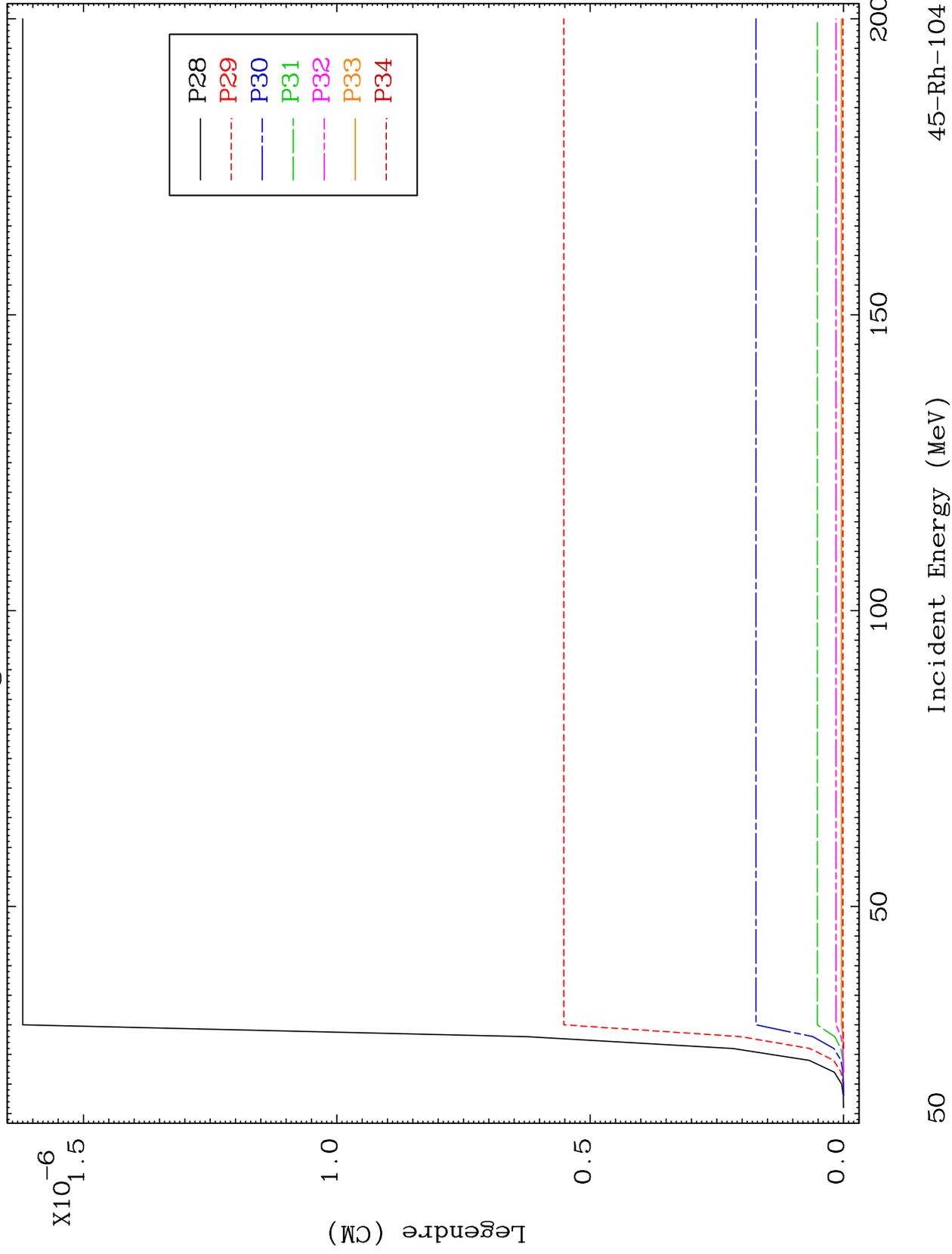
Incident Energy (MeV)

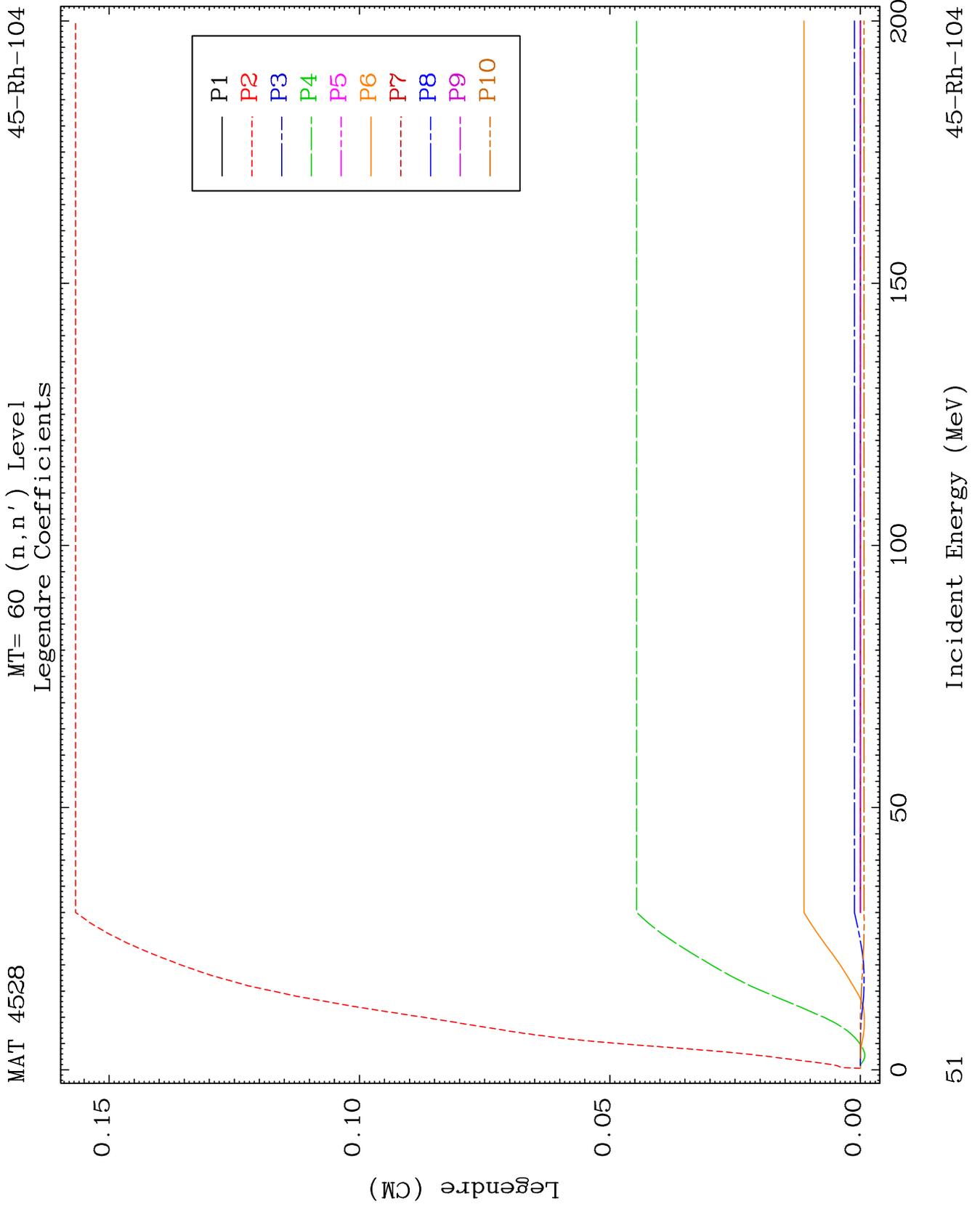
45-Rh-104

MAT 4528

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

45-Rh-104

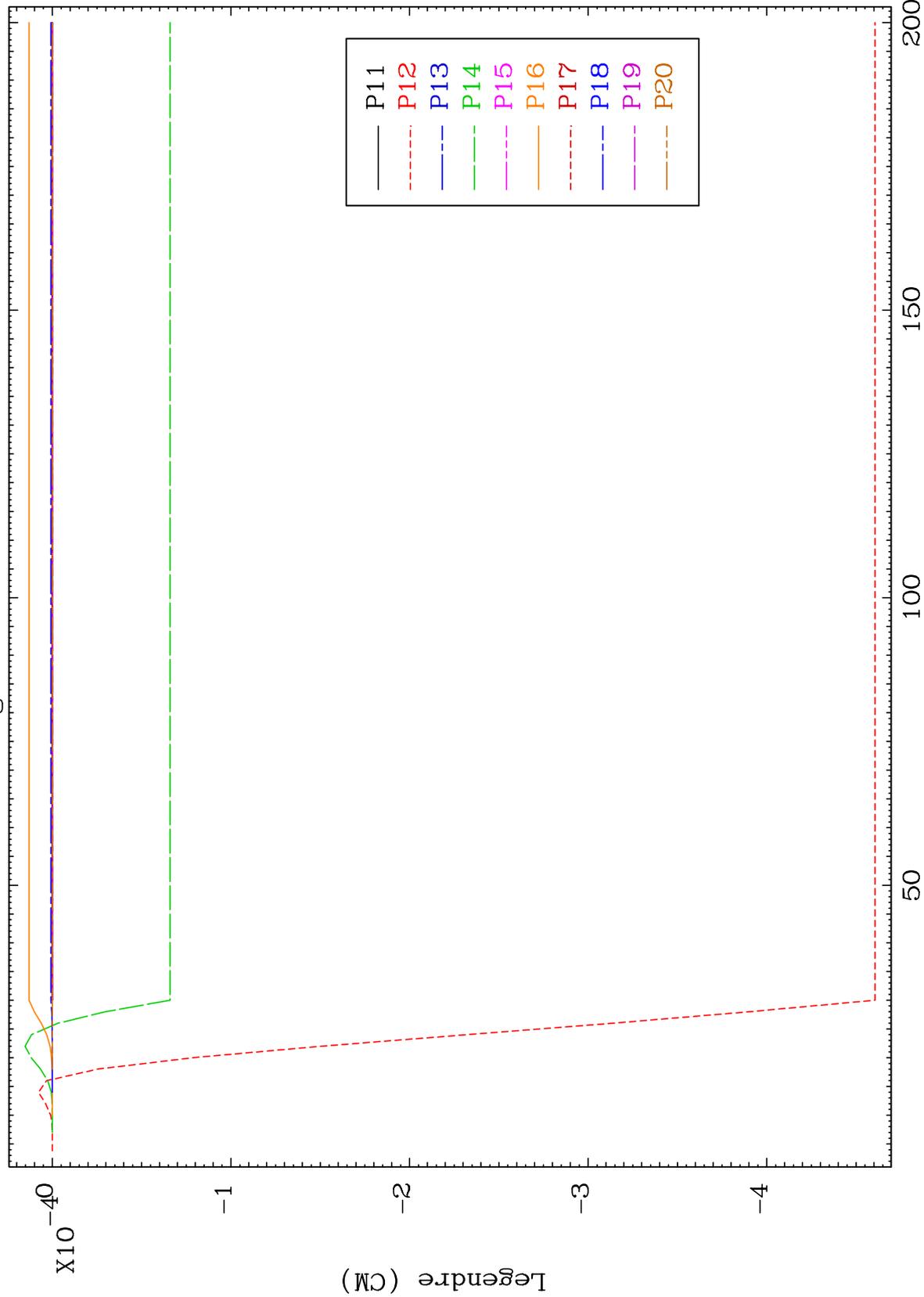




MAT 4528

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

45-Rh-104



52

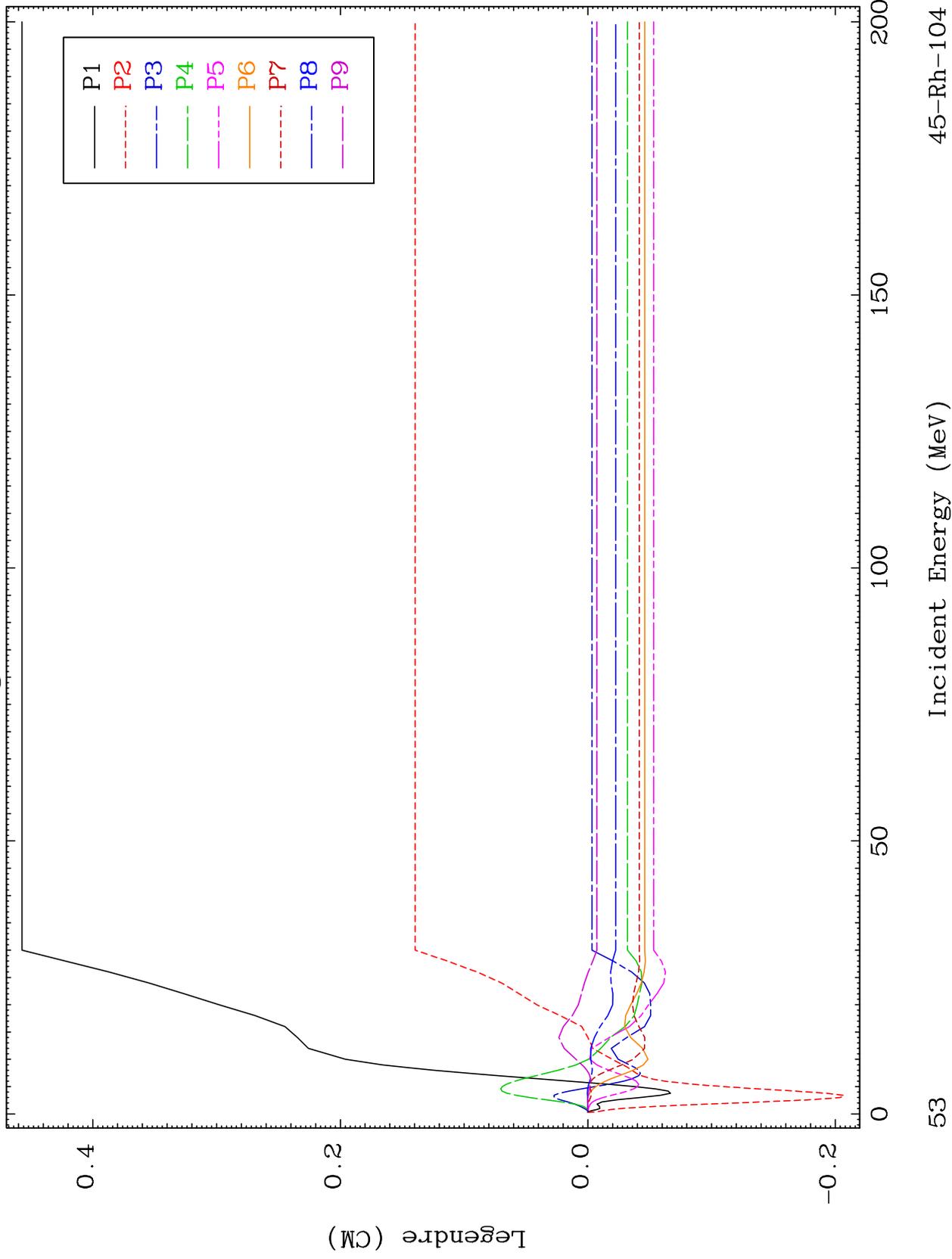
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



45-Rh-104

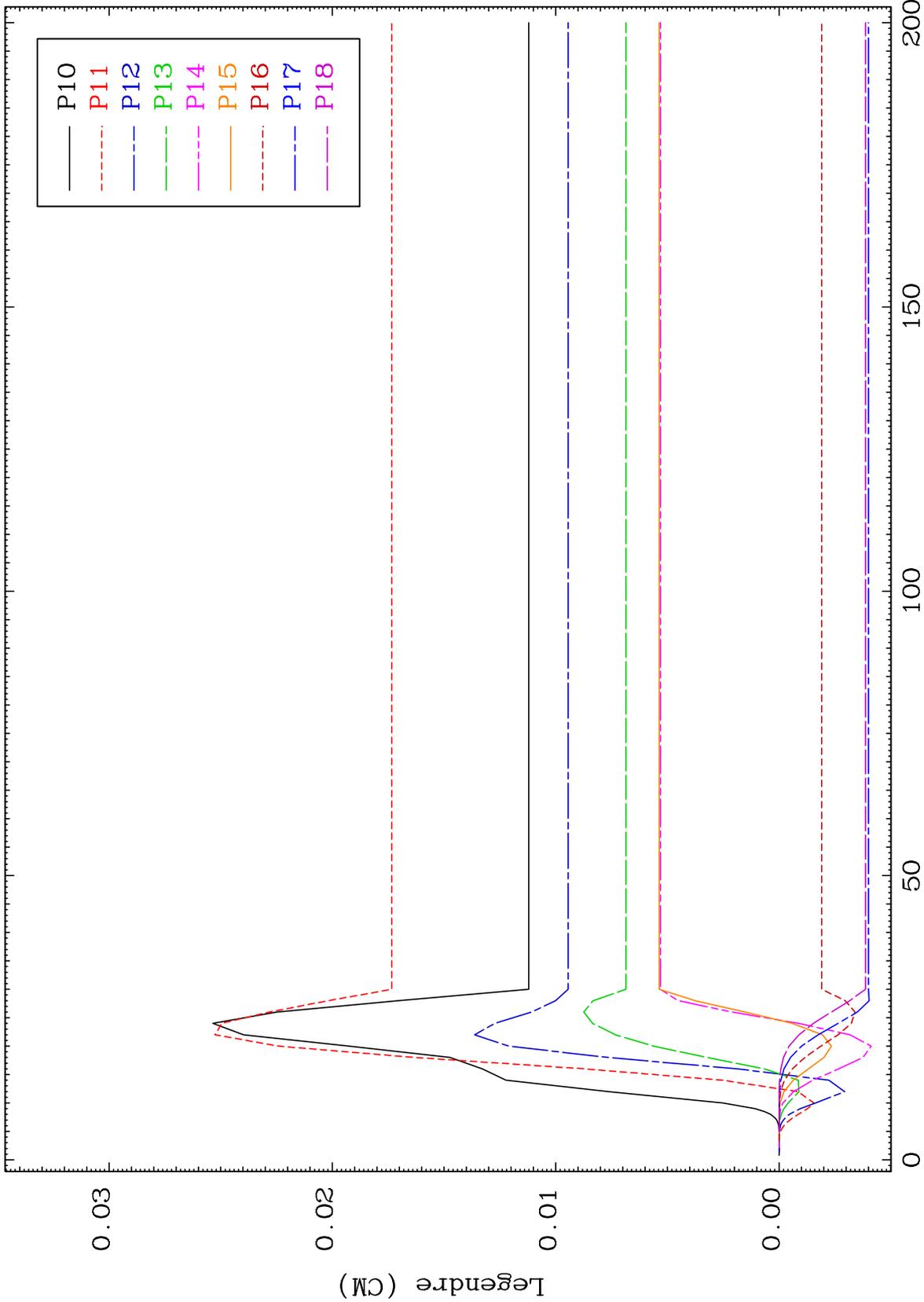
Incident Energy (MeV)

53

MAT 4528

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

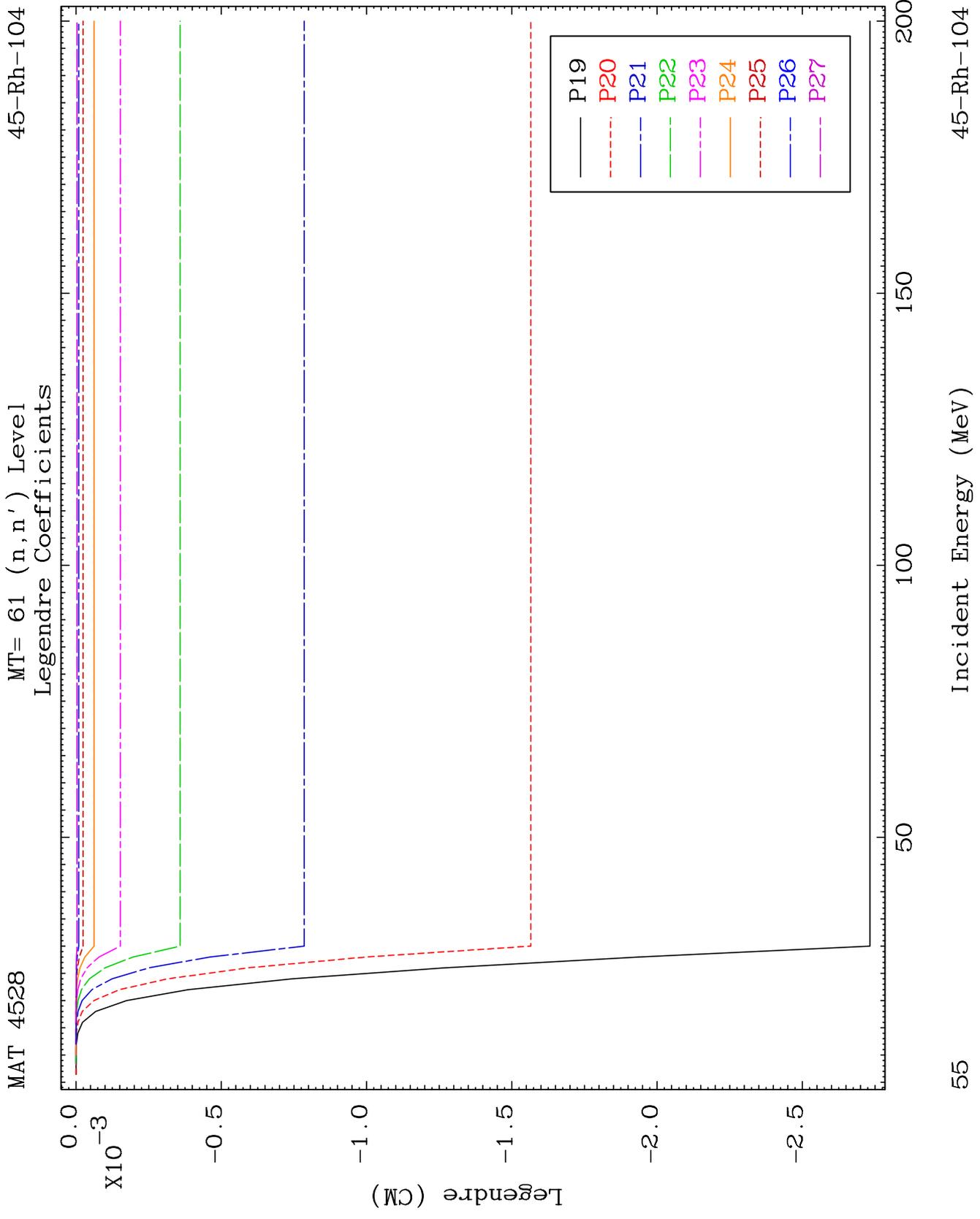
45-Rh-104

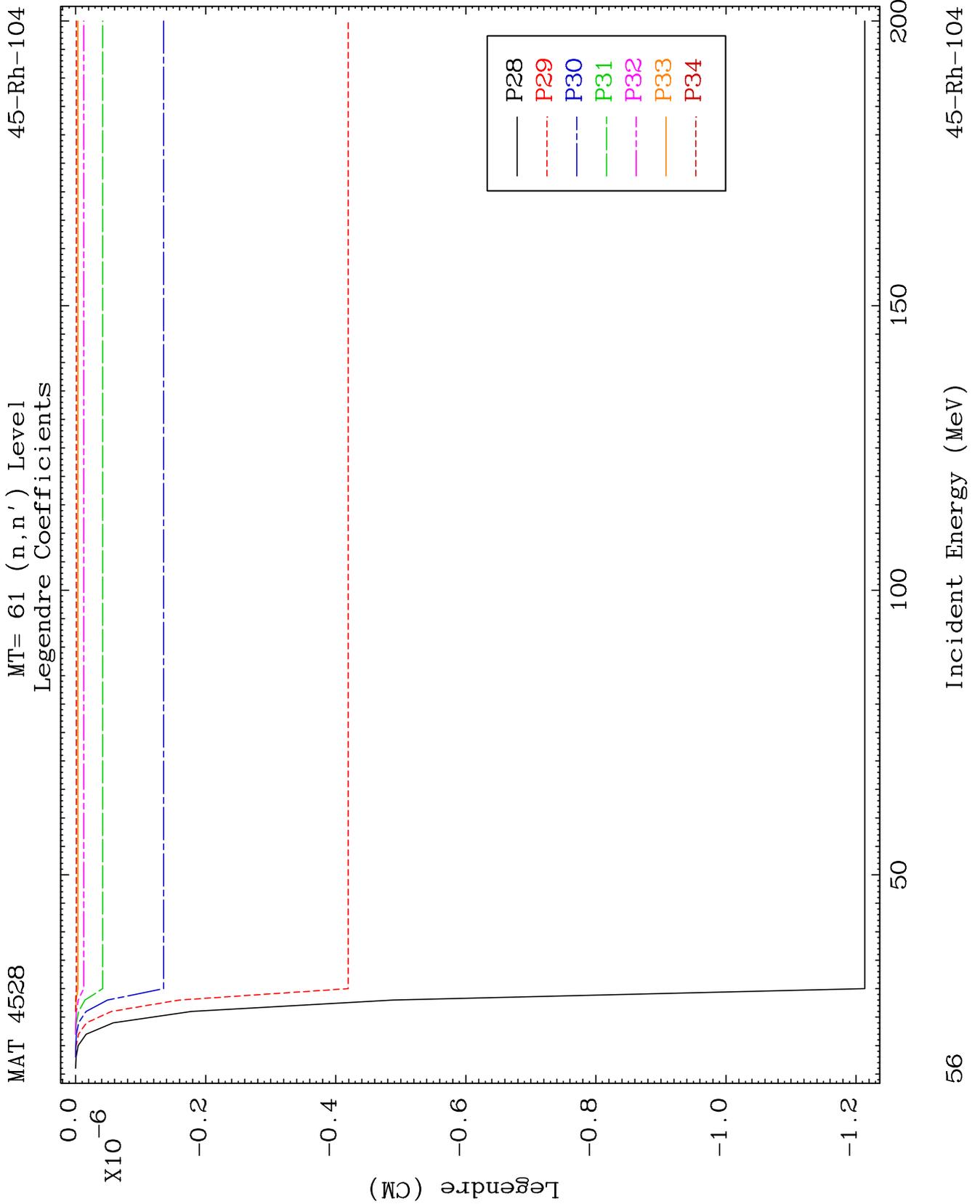


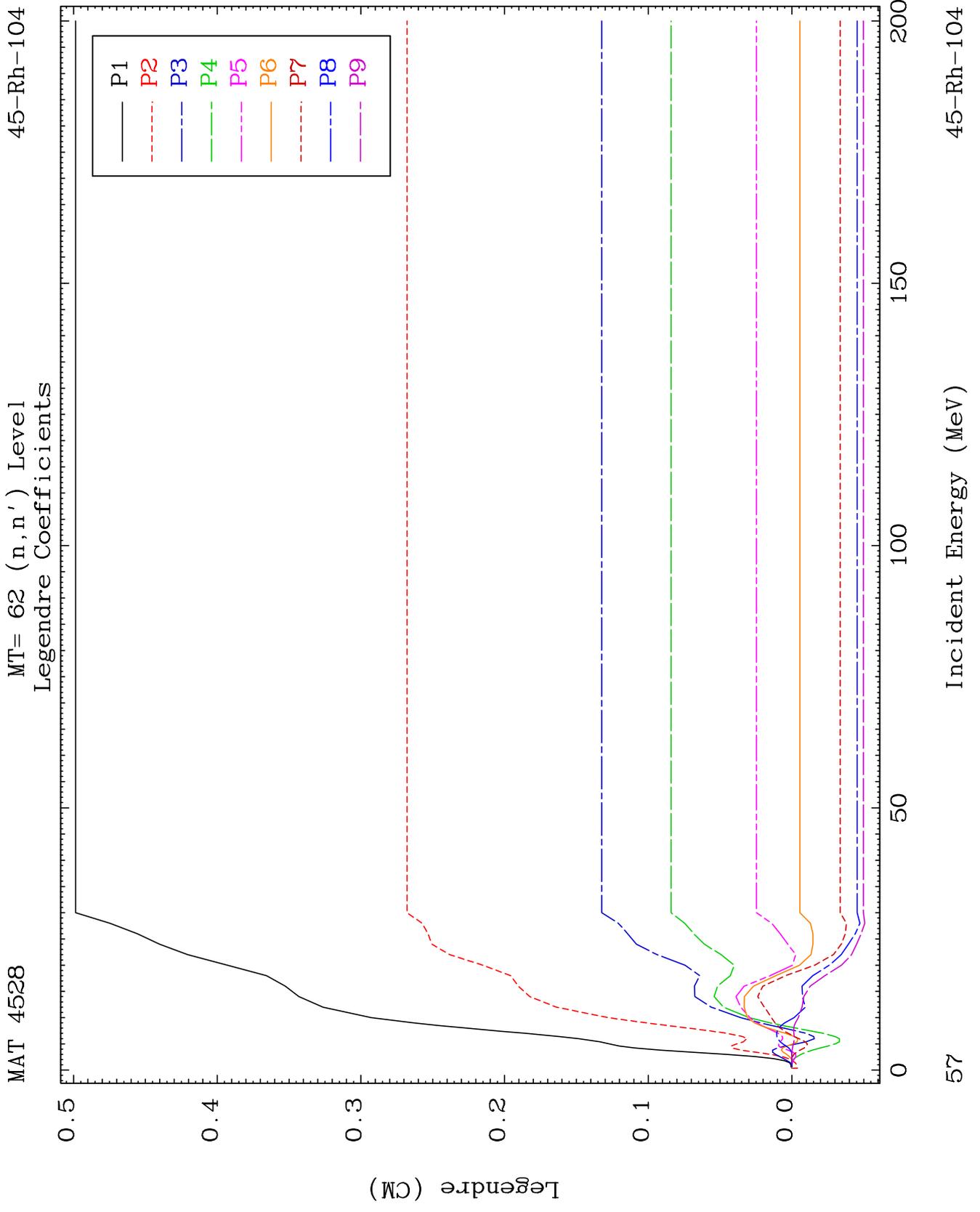
54

Incident Energy (MeV)

45-Rh-104



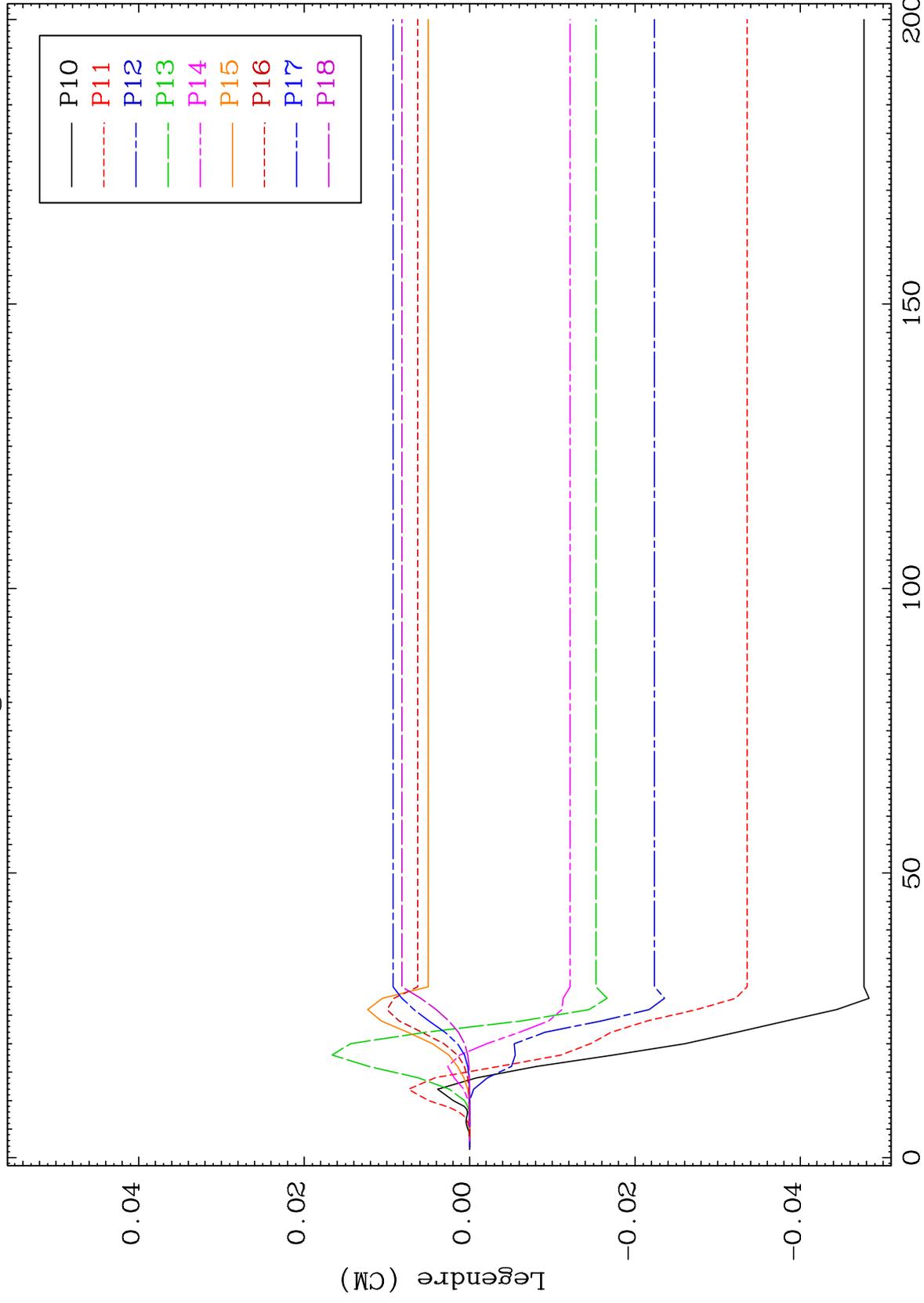




MAT 4528

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

45-Rh-104



58

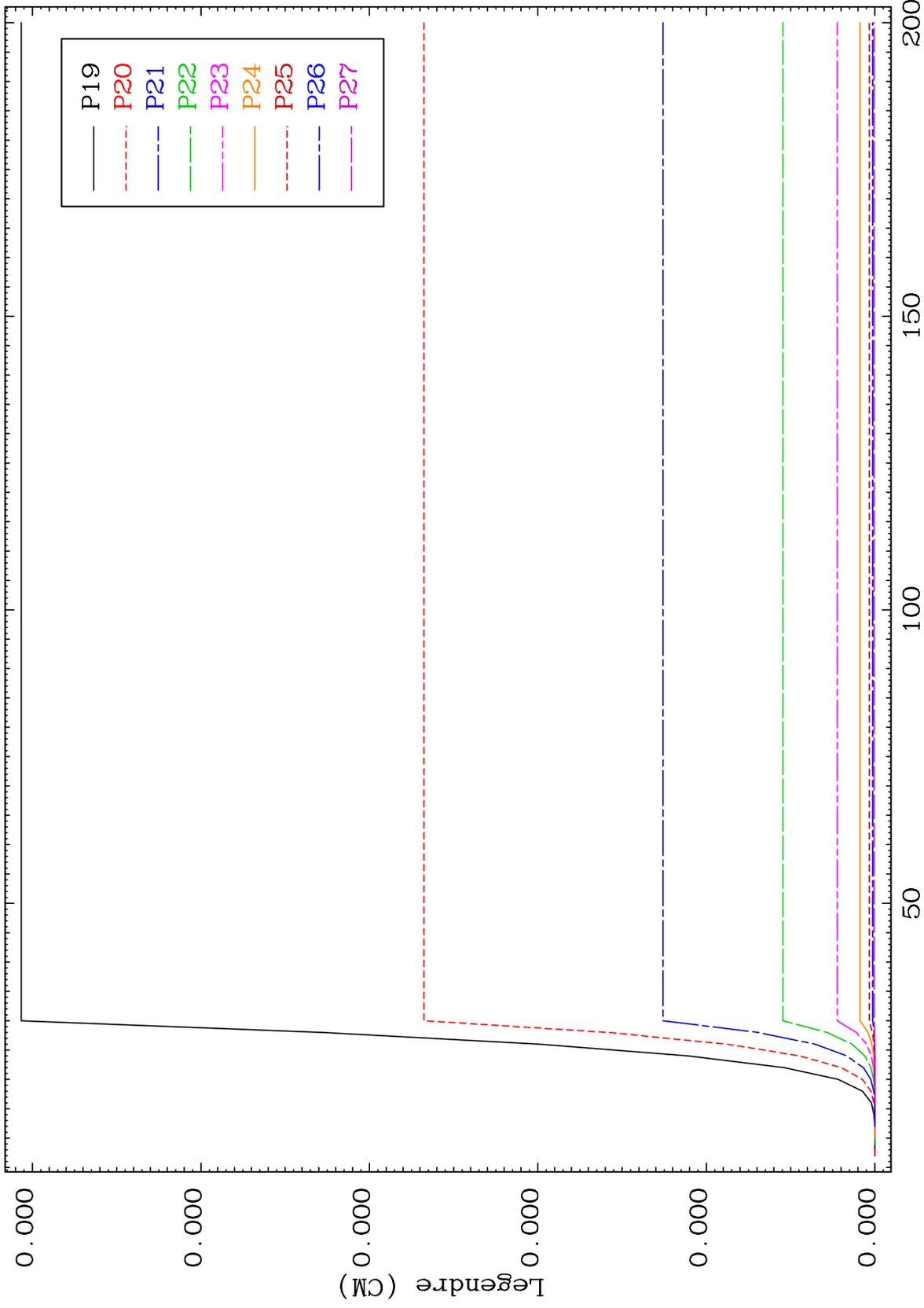
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



59

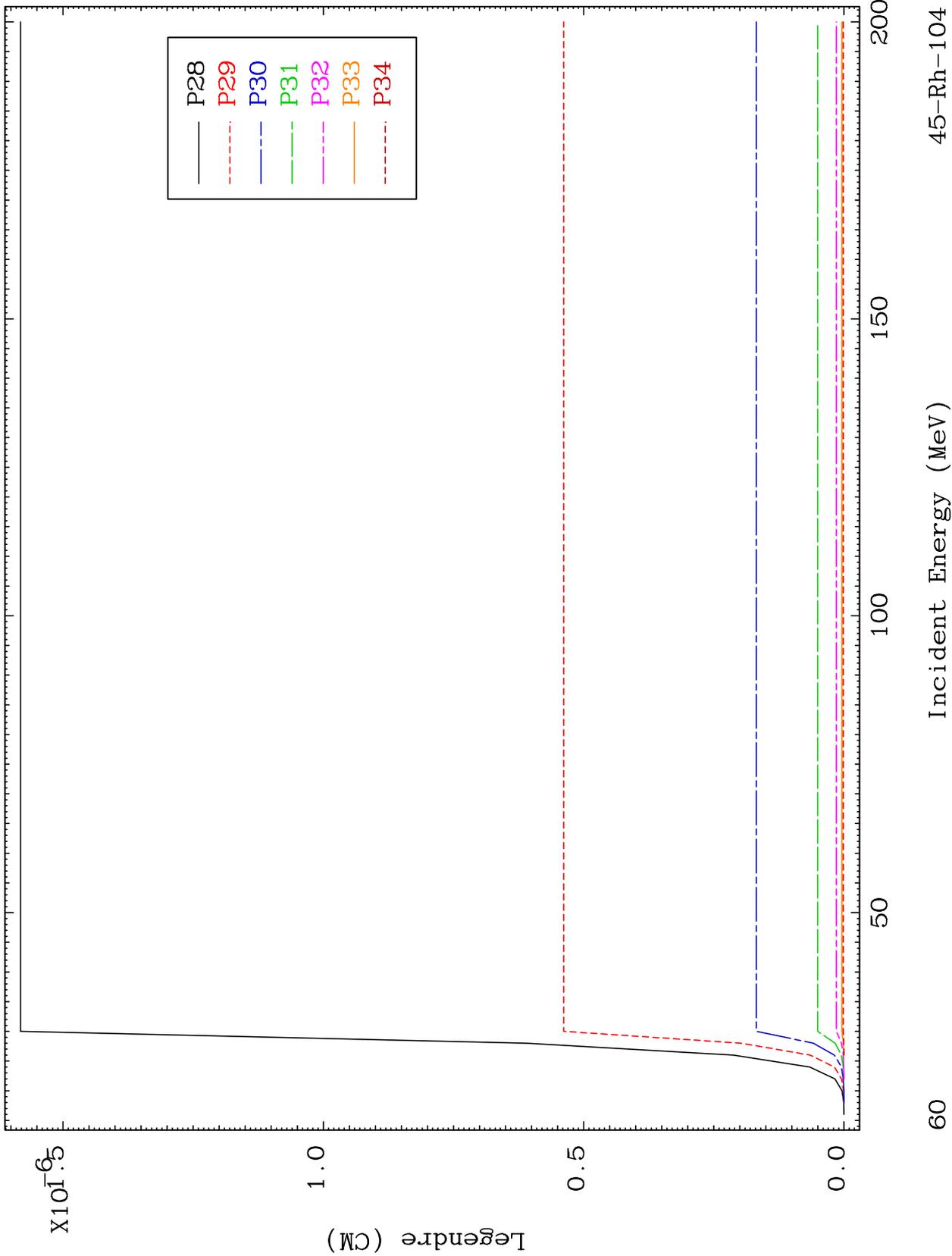
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



45-Rh-104

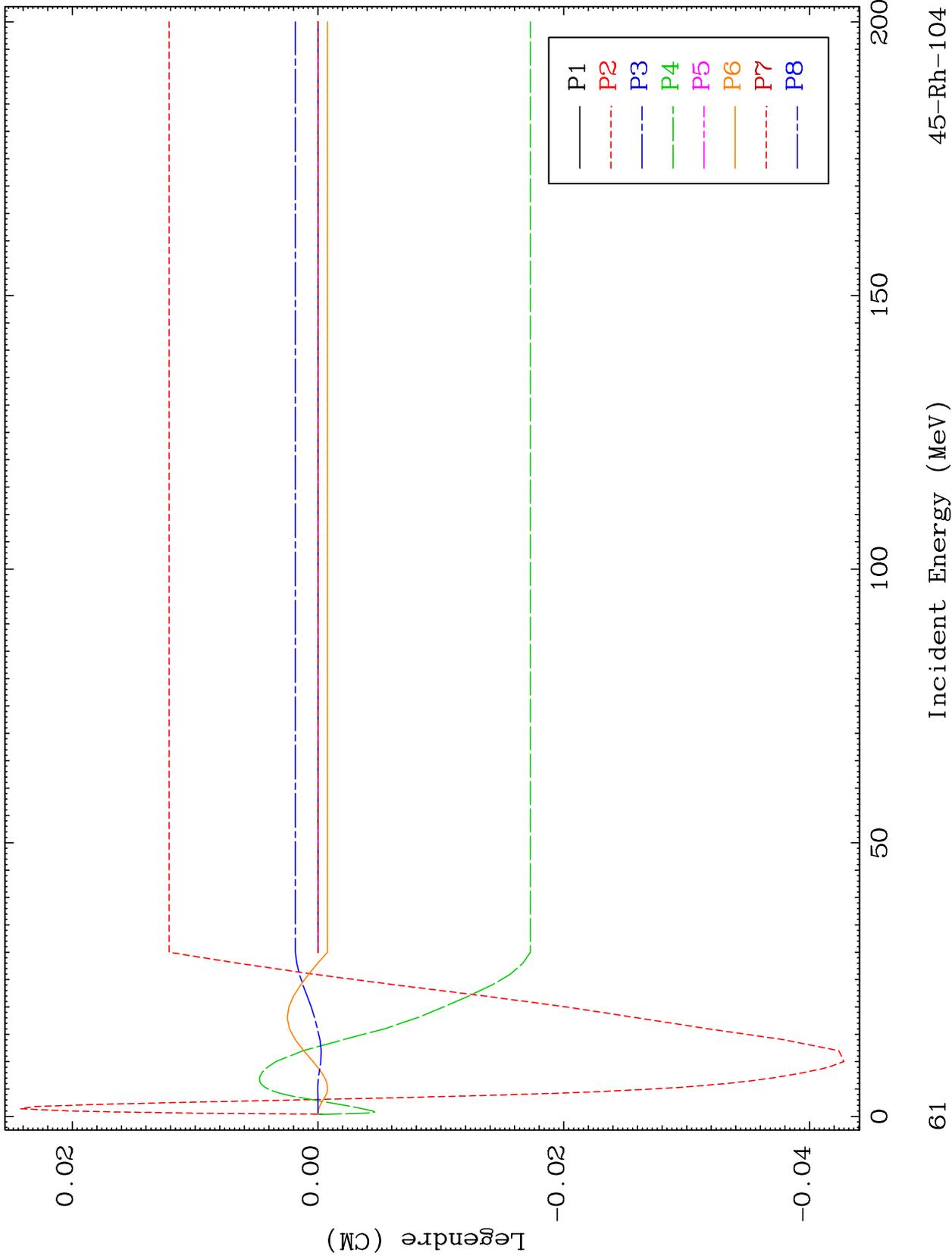
Incident Energy (MeV)

60

MAT 4528

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

45-Rh-104



45-Rh-104

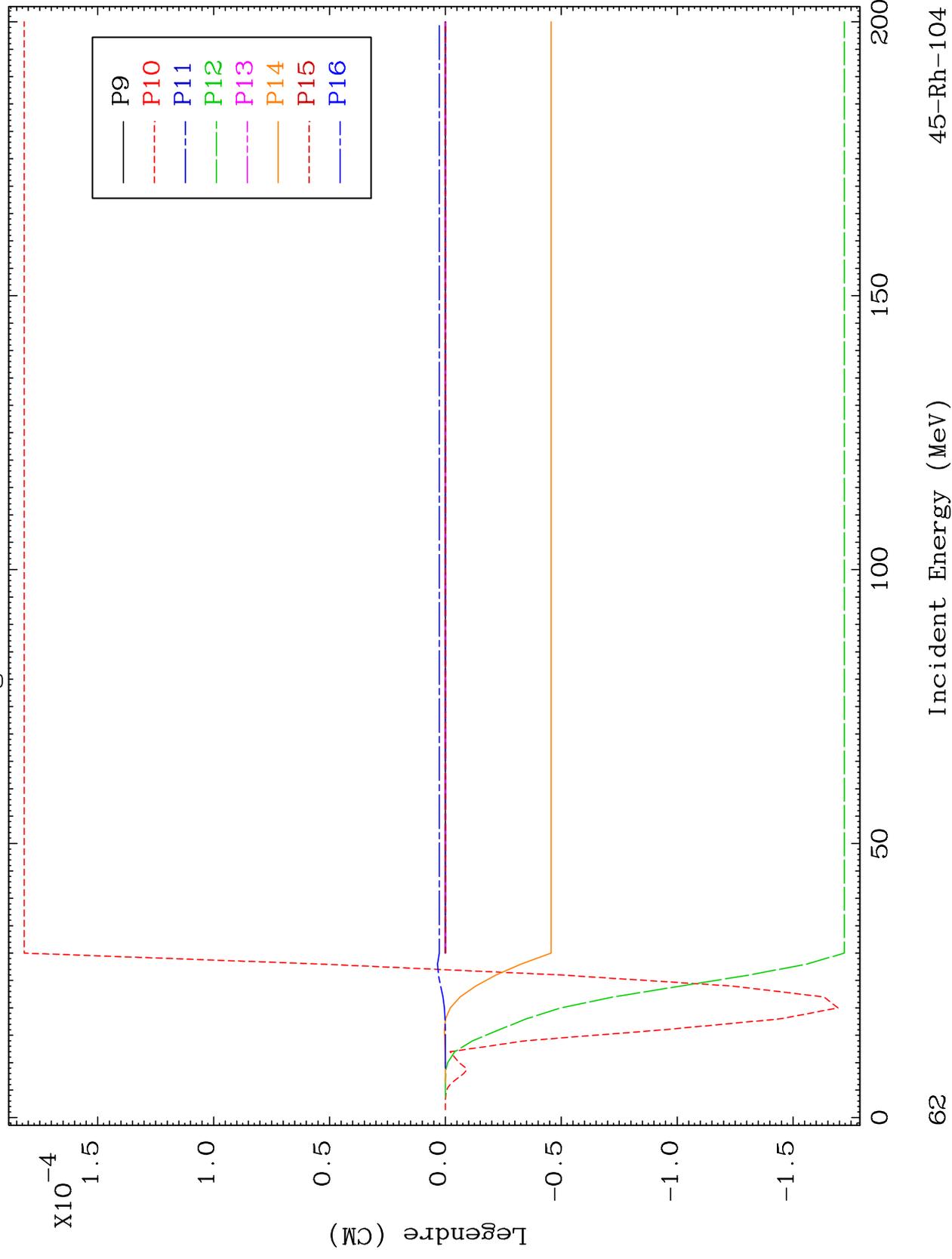
Incident Energy (MeV)

61

MAT 4528

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

45-Rh-104



62

Incident Energy (MeV)

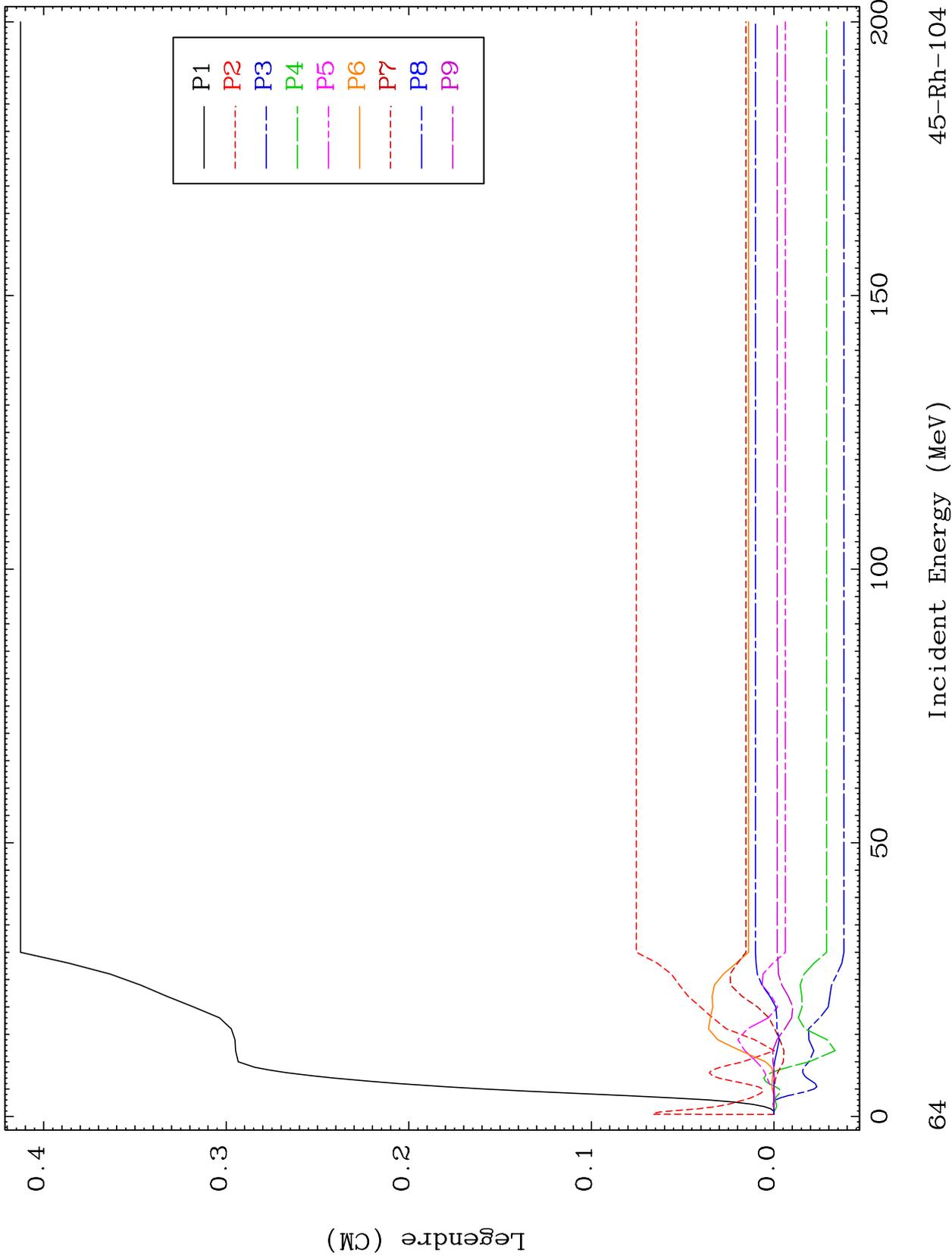
45-Rh-104



MAT 4528

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

45-Rh-104



64

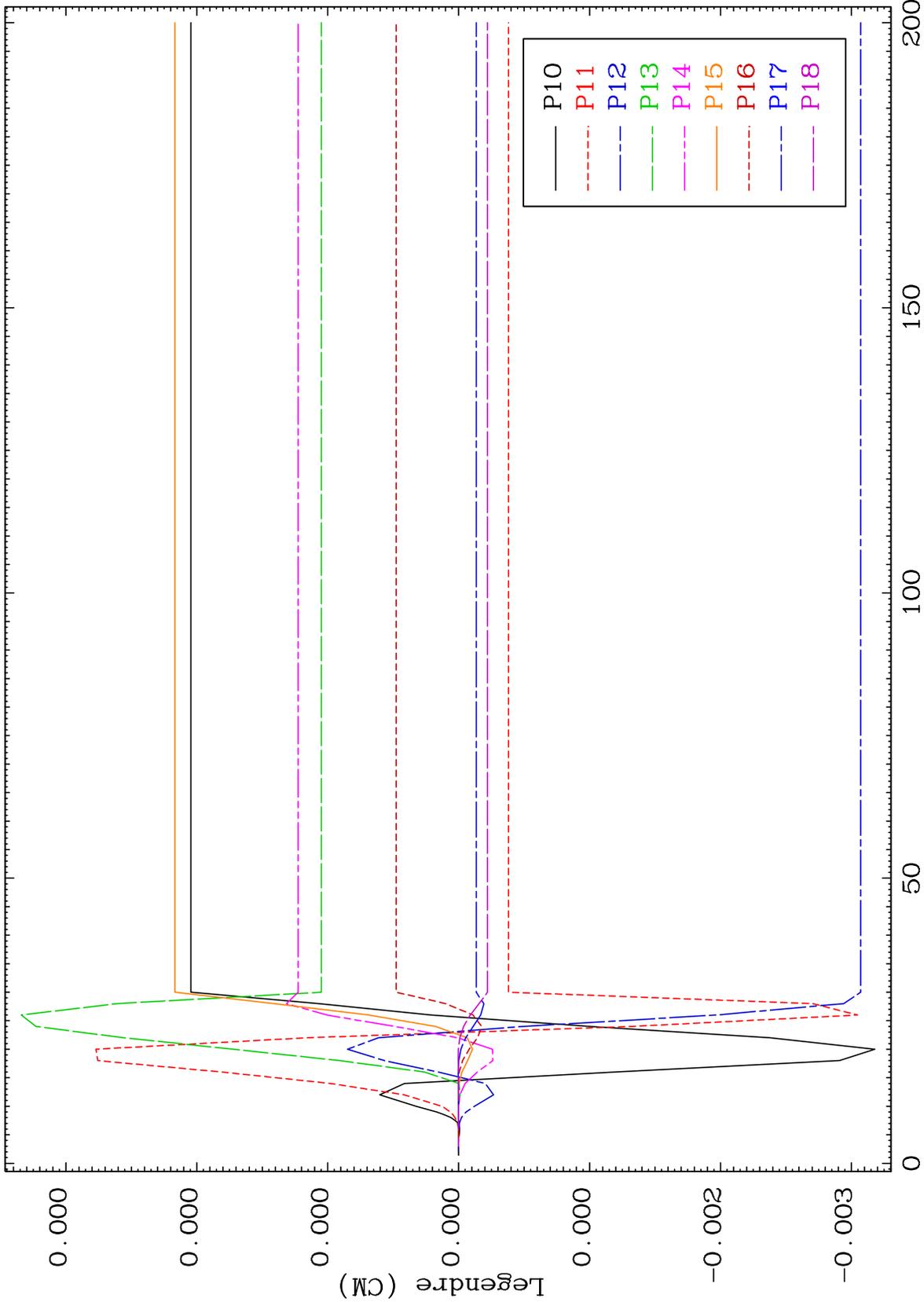
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

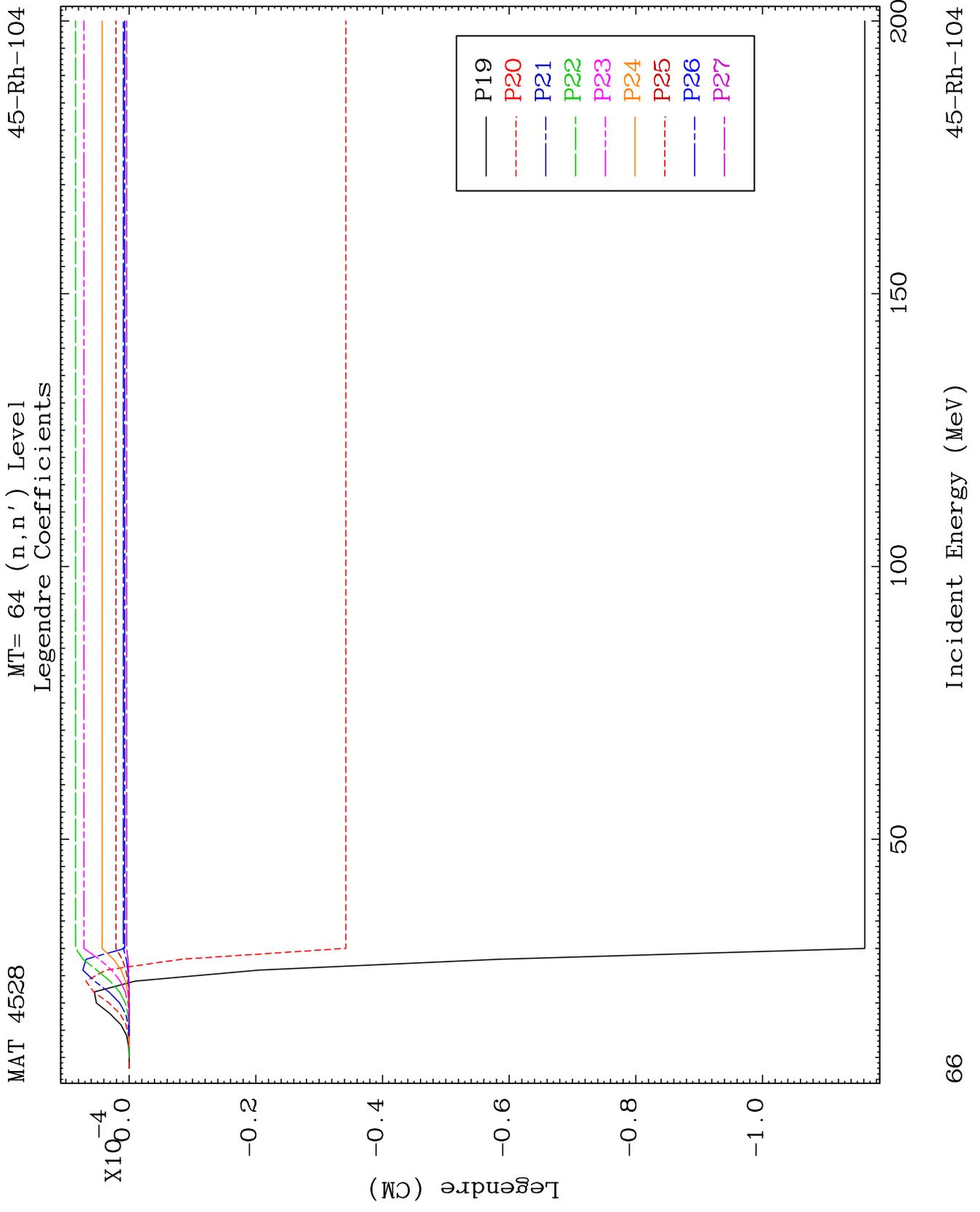
45-Rh-104



65

Incident Energy (MeV)

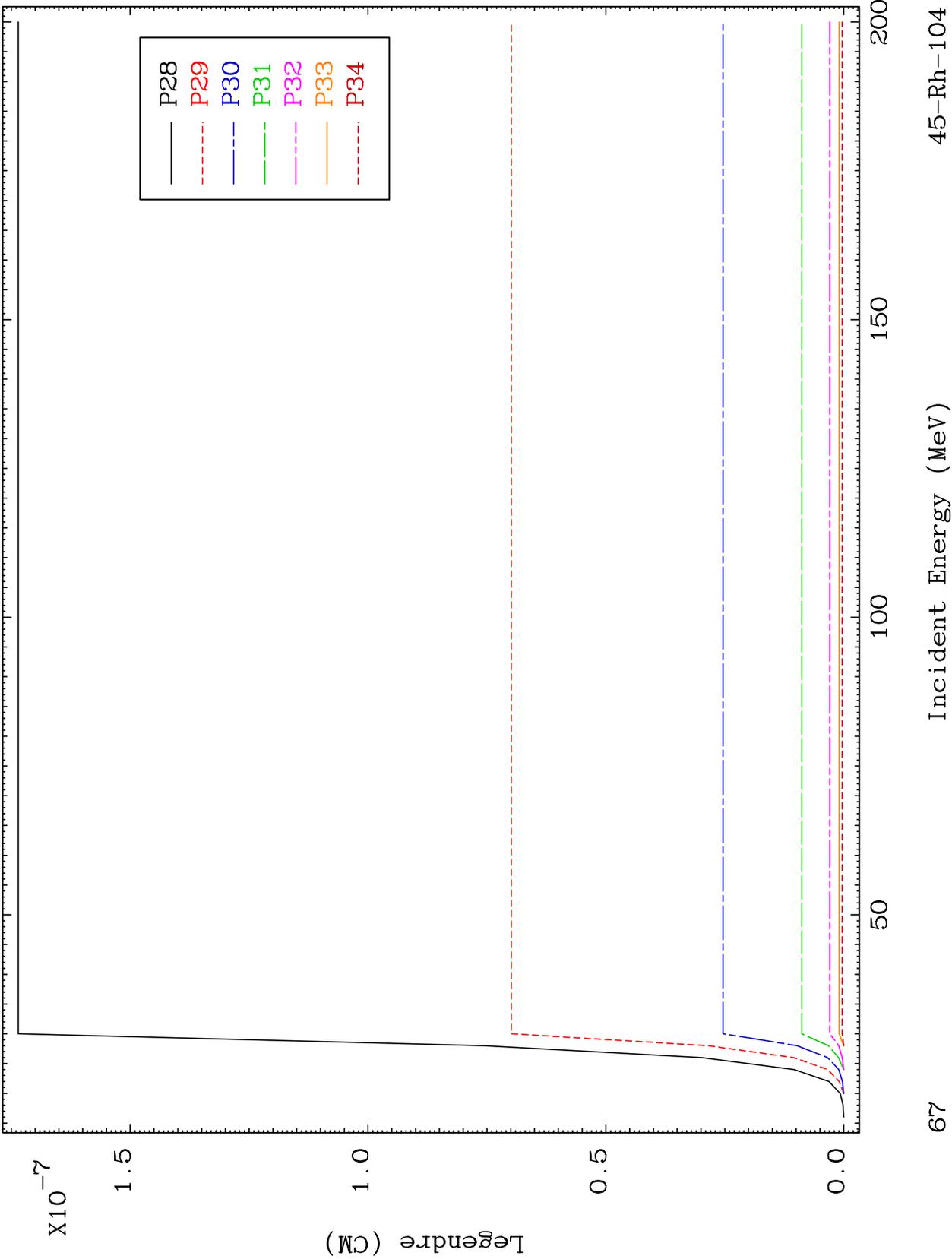
45-Rh-104



MAT 4528

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

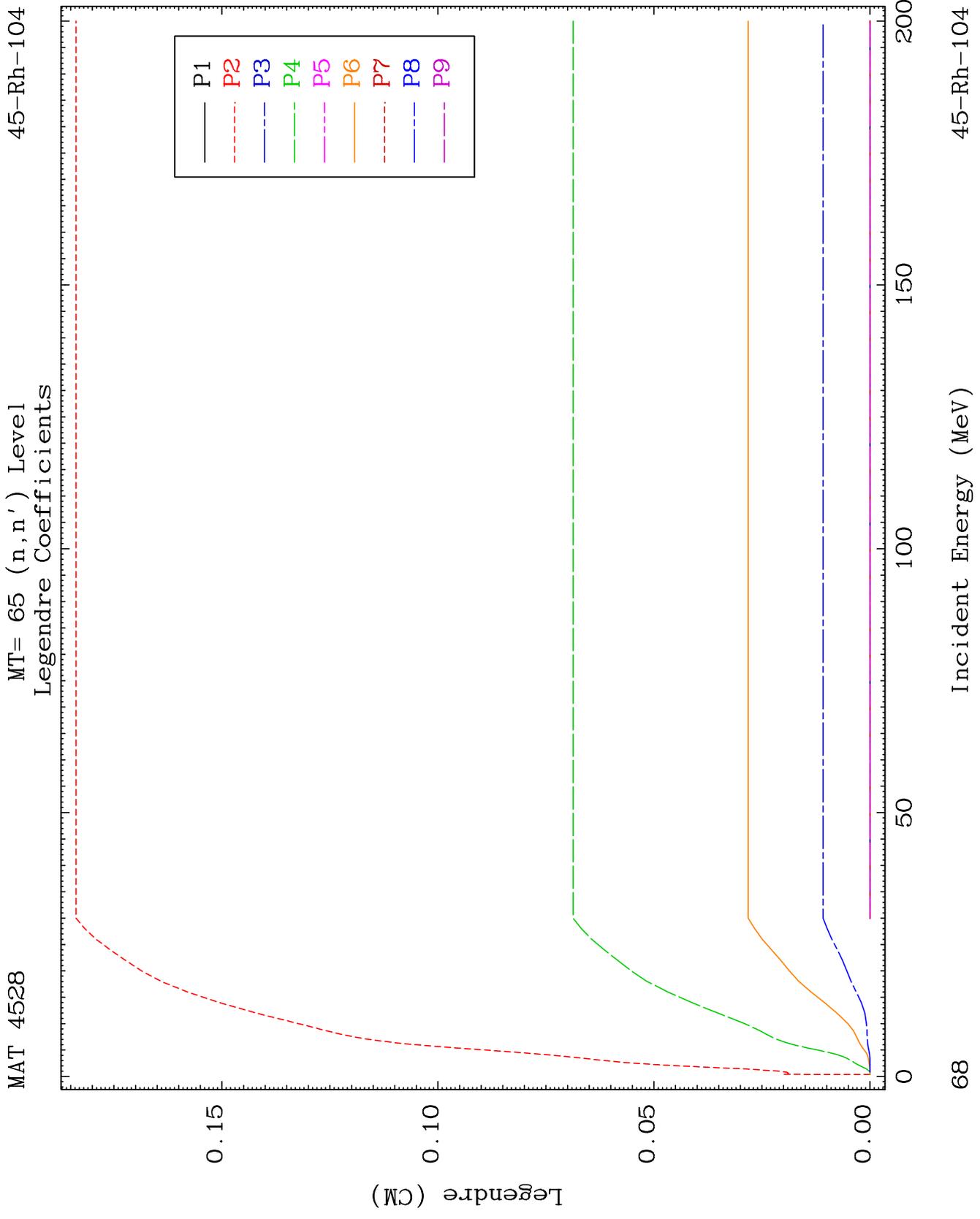
45-Rh-104



67

Incident Energy (MeV)

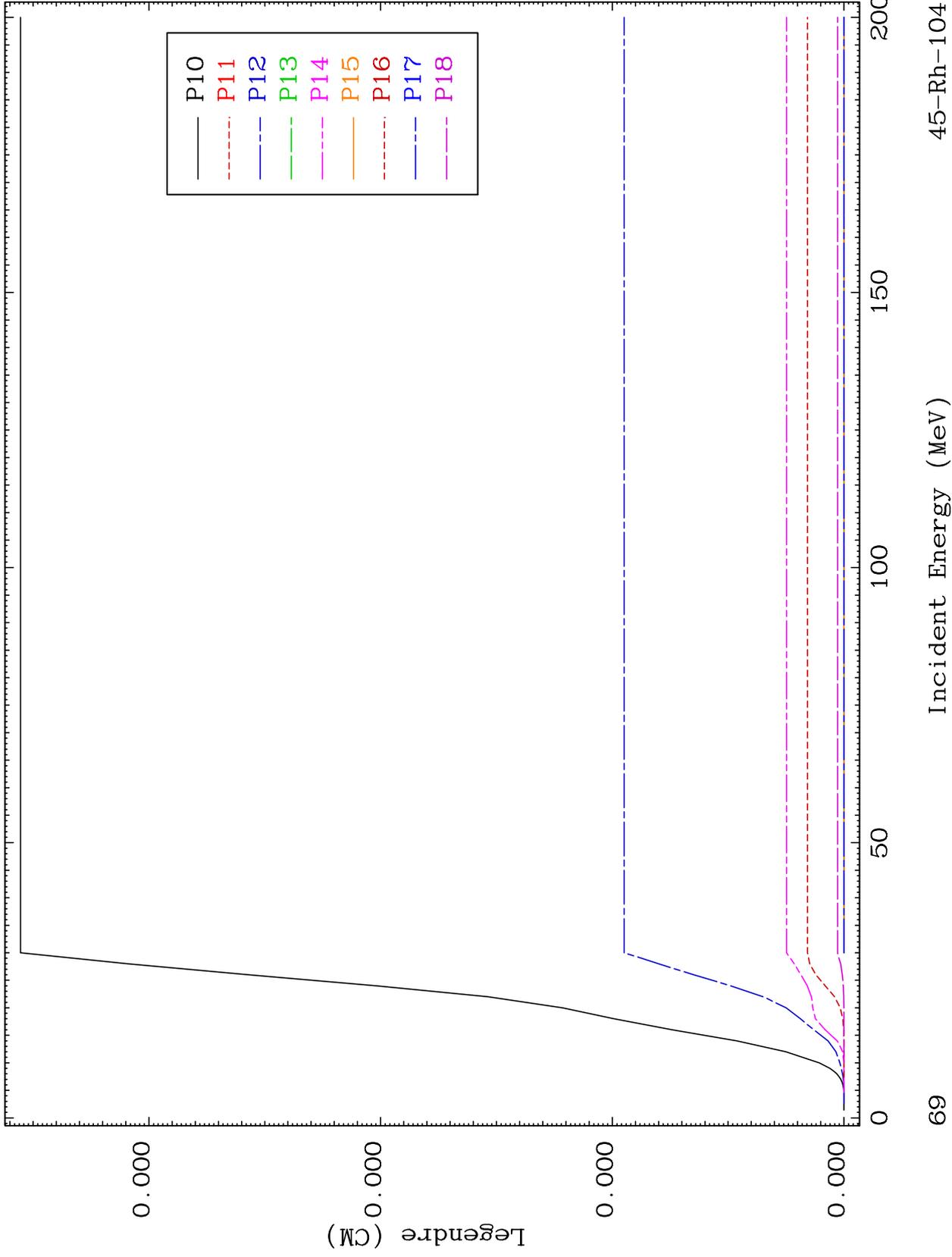
45-Rh-104

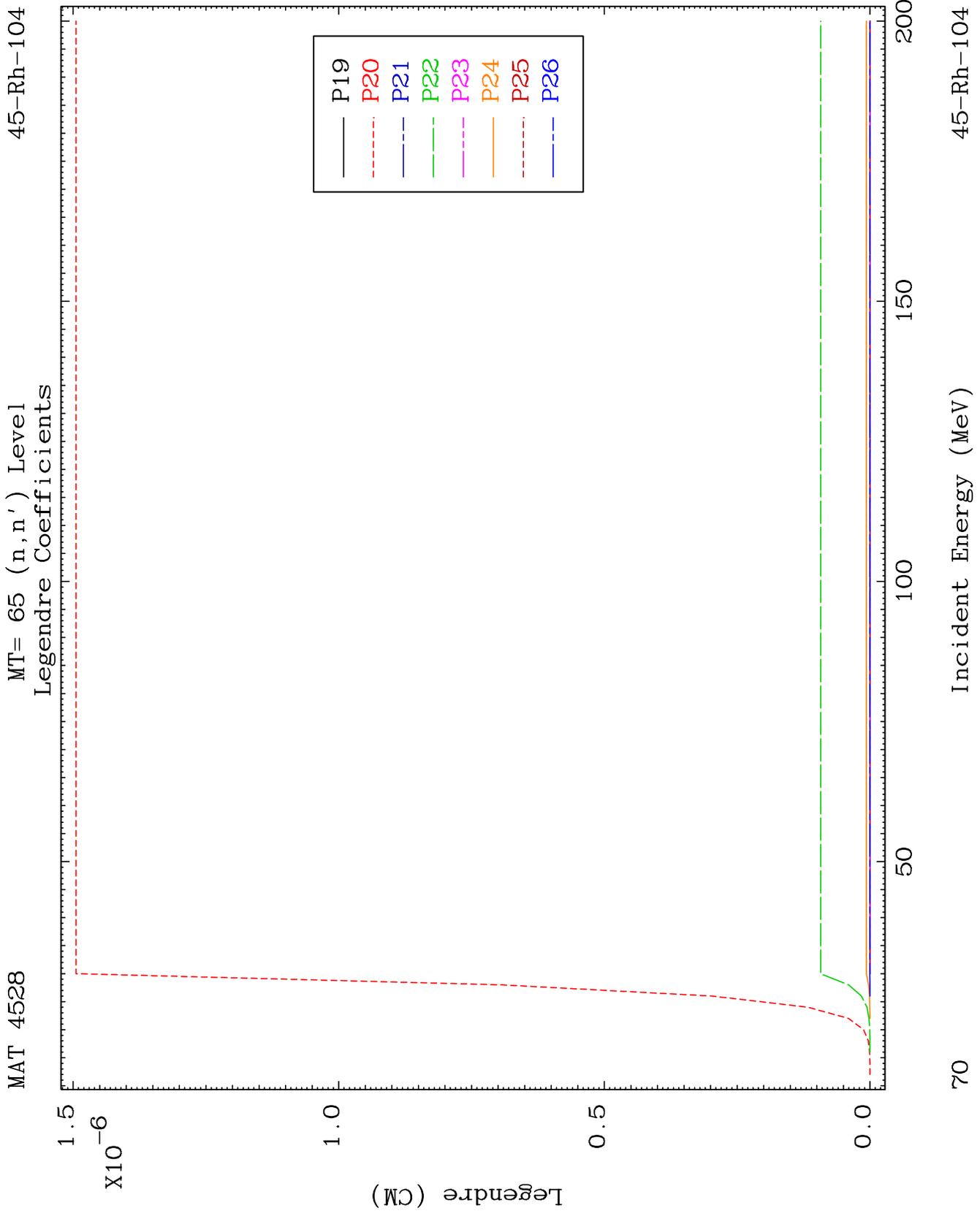


MAT 4528

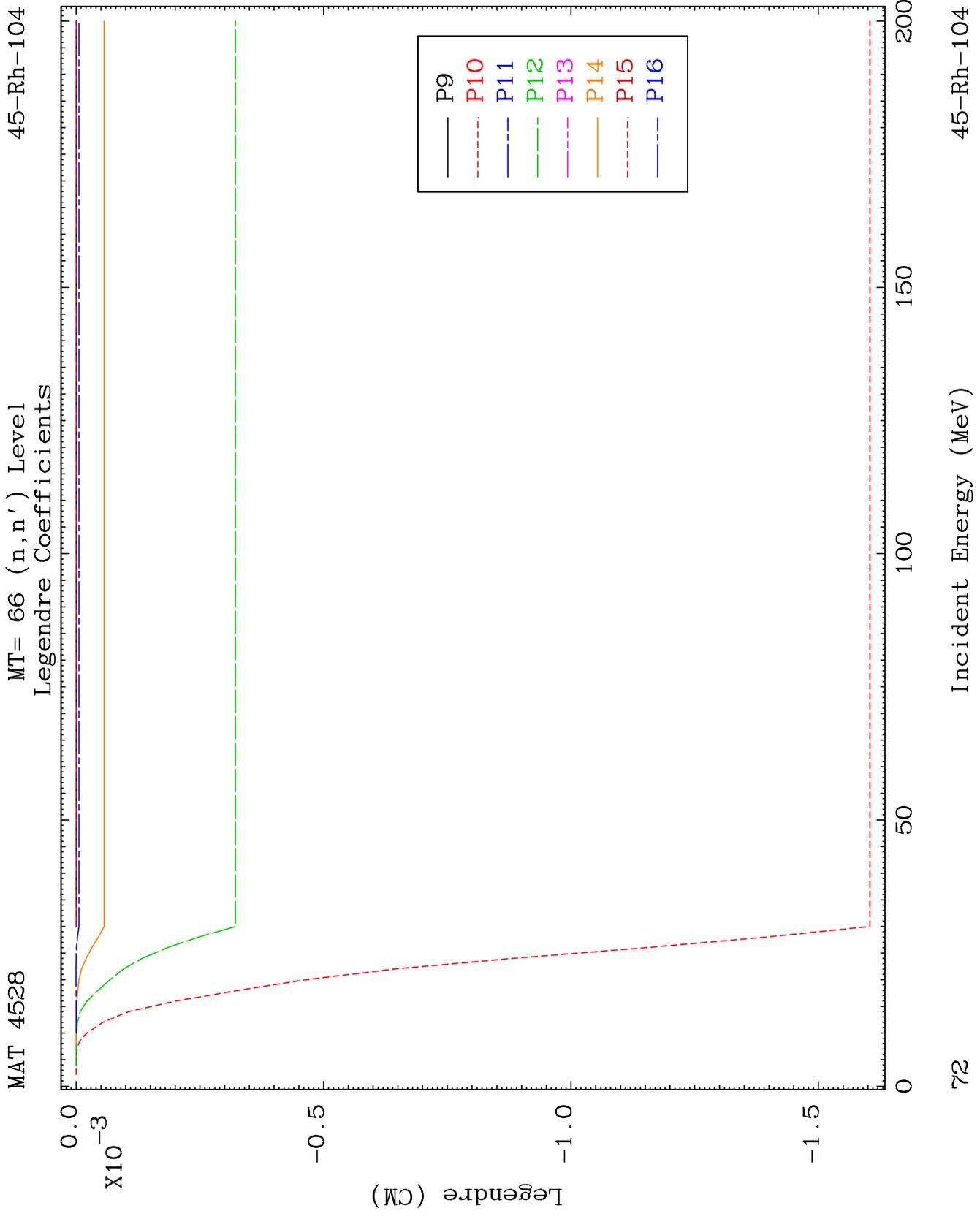
MT= 65 (n,n') Level  
Legendre Coefficients

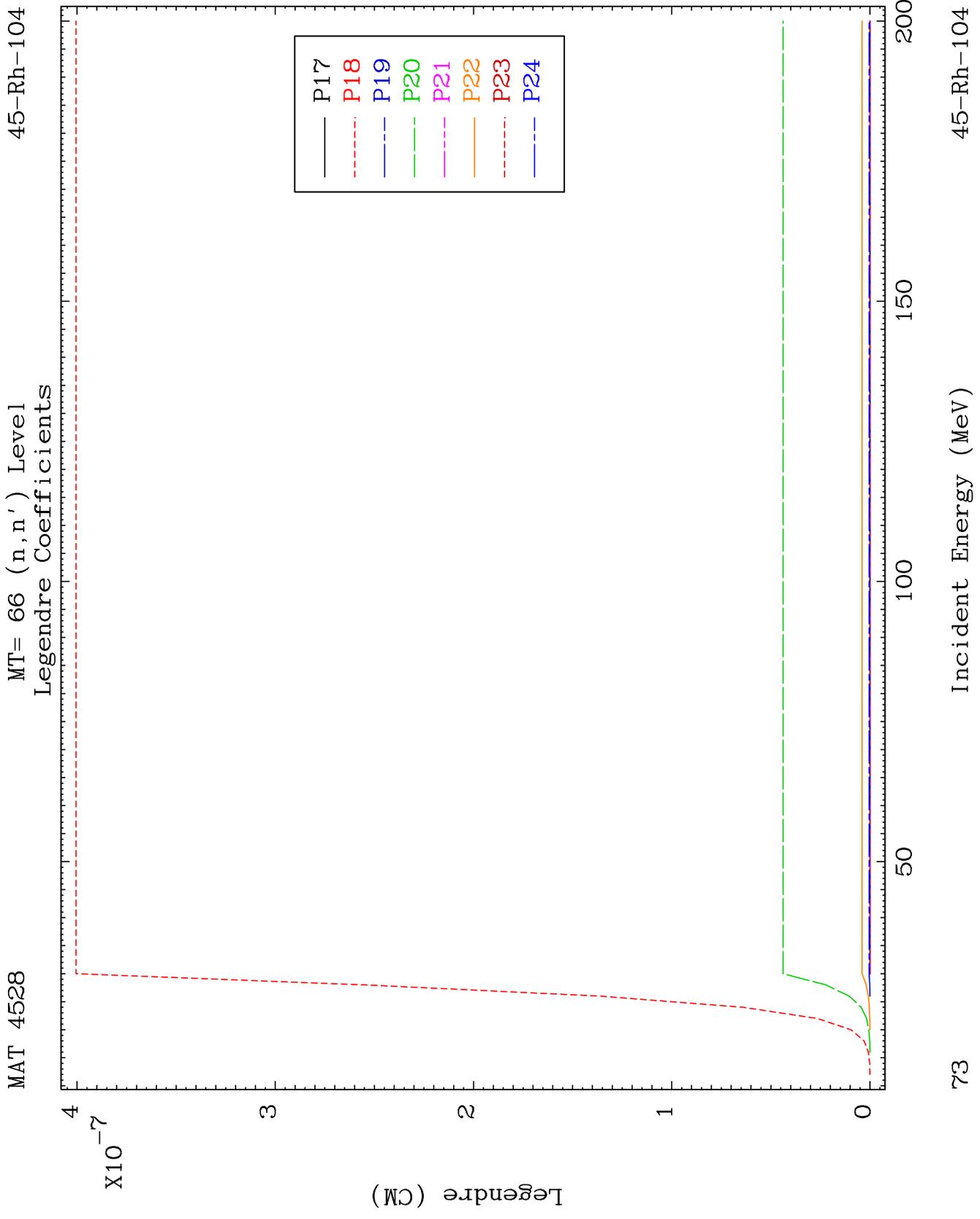
45-Rh-104







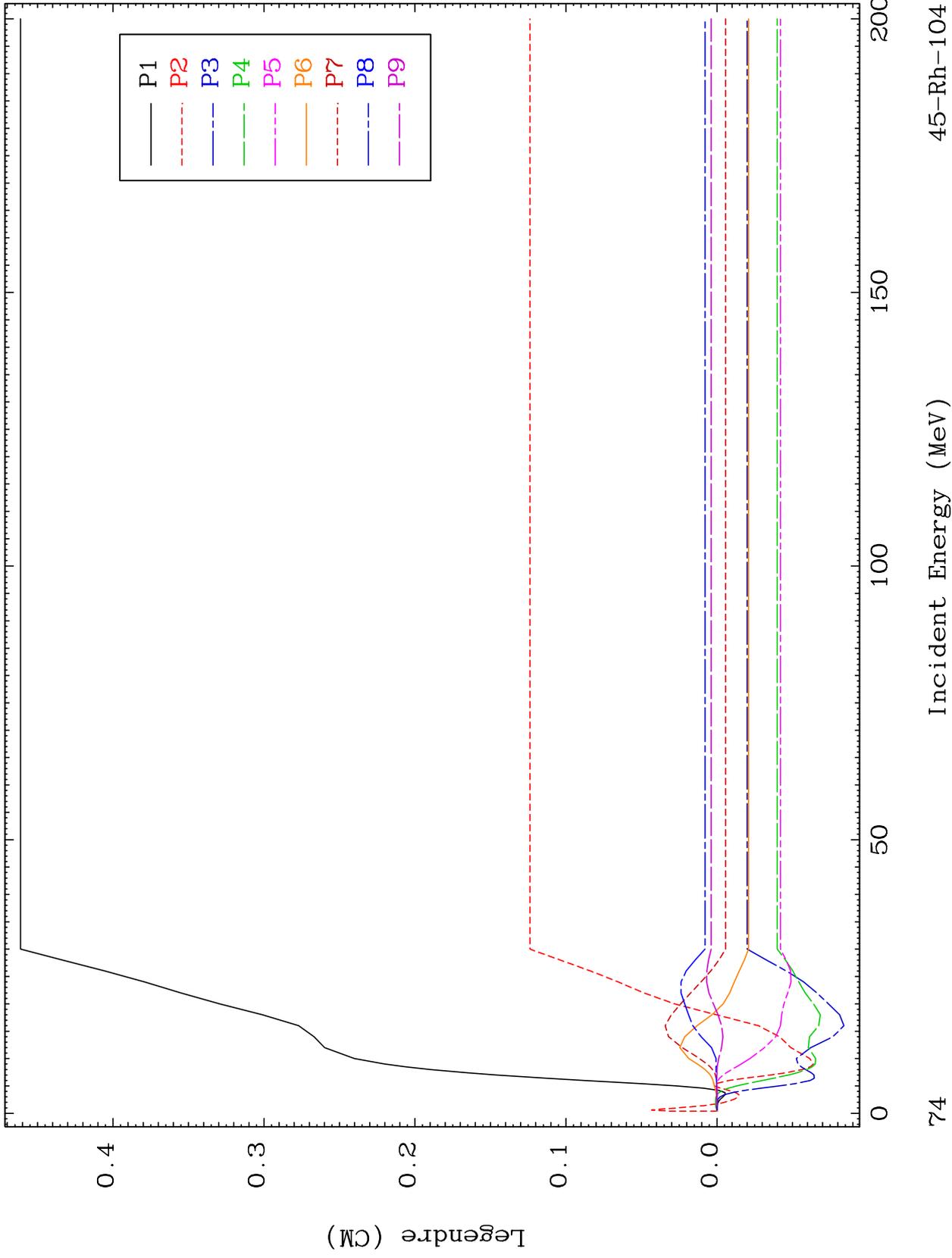




MAT 4528

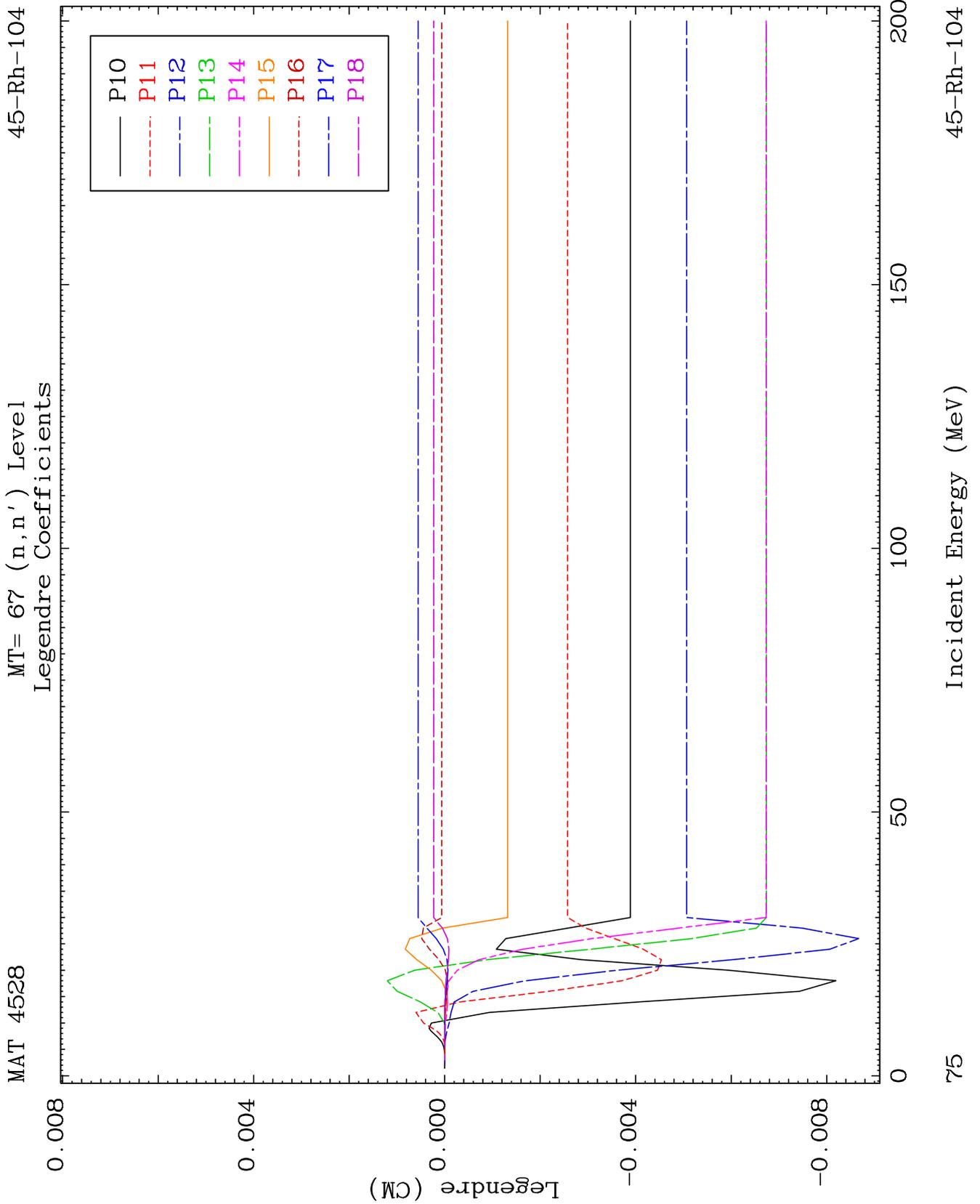
MT= 67 (n,n') Level  
Legendre Coefficients

45-Rh-104



74

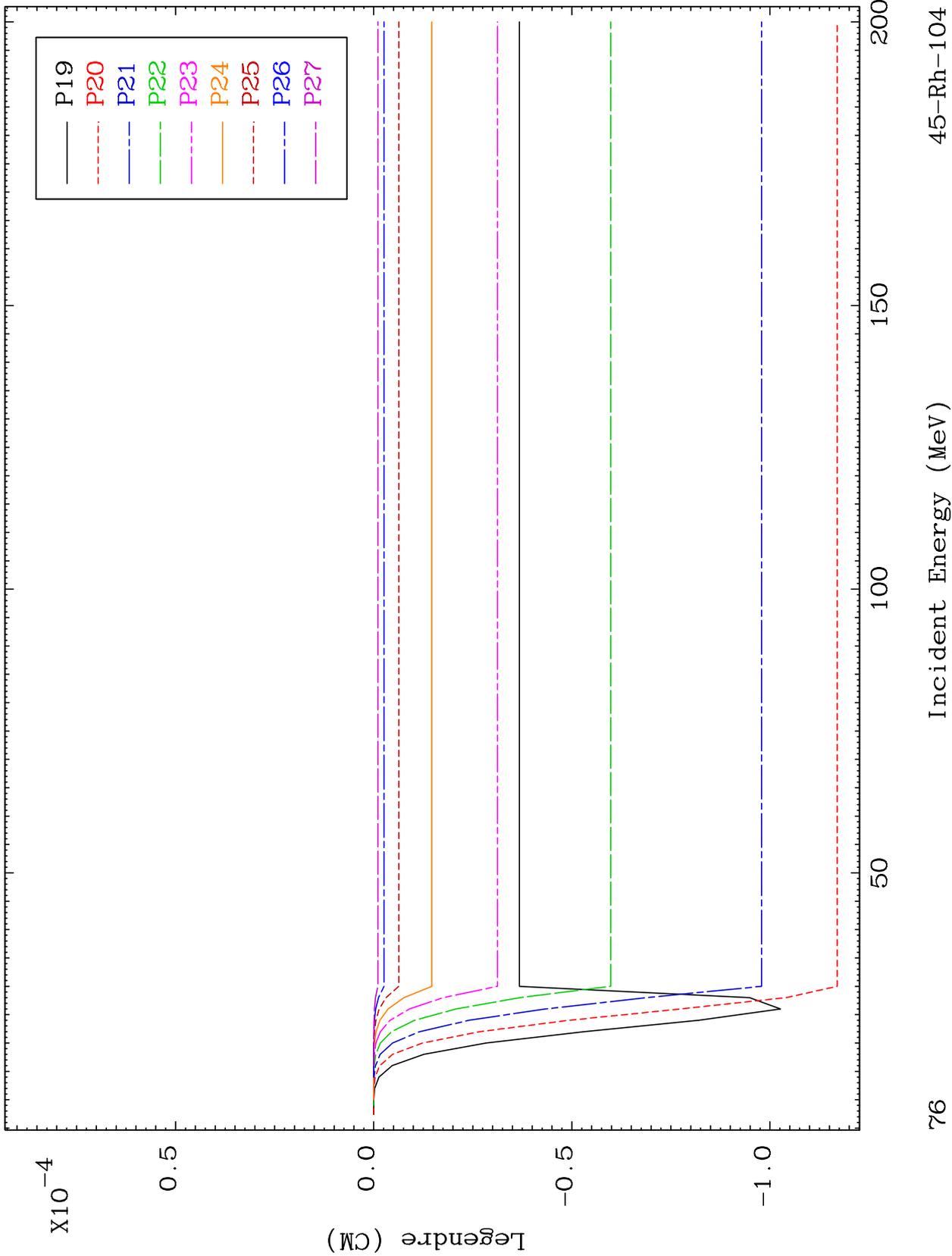
45-Rh-104

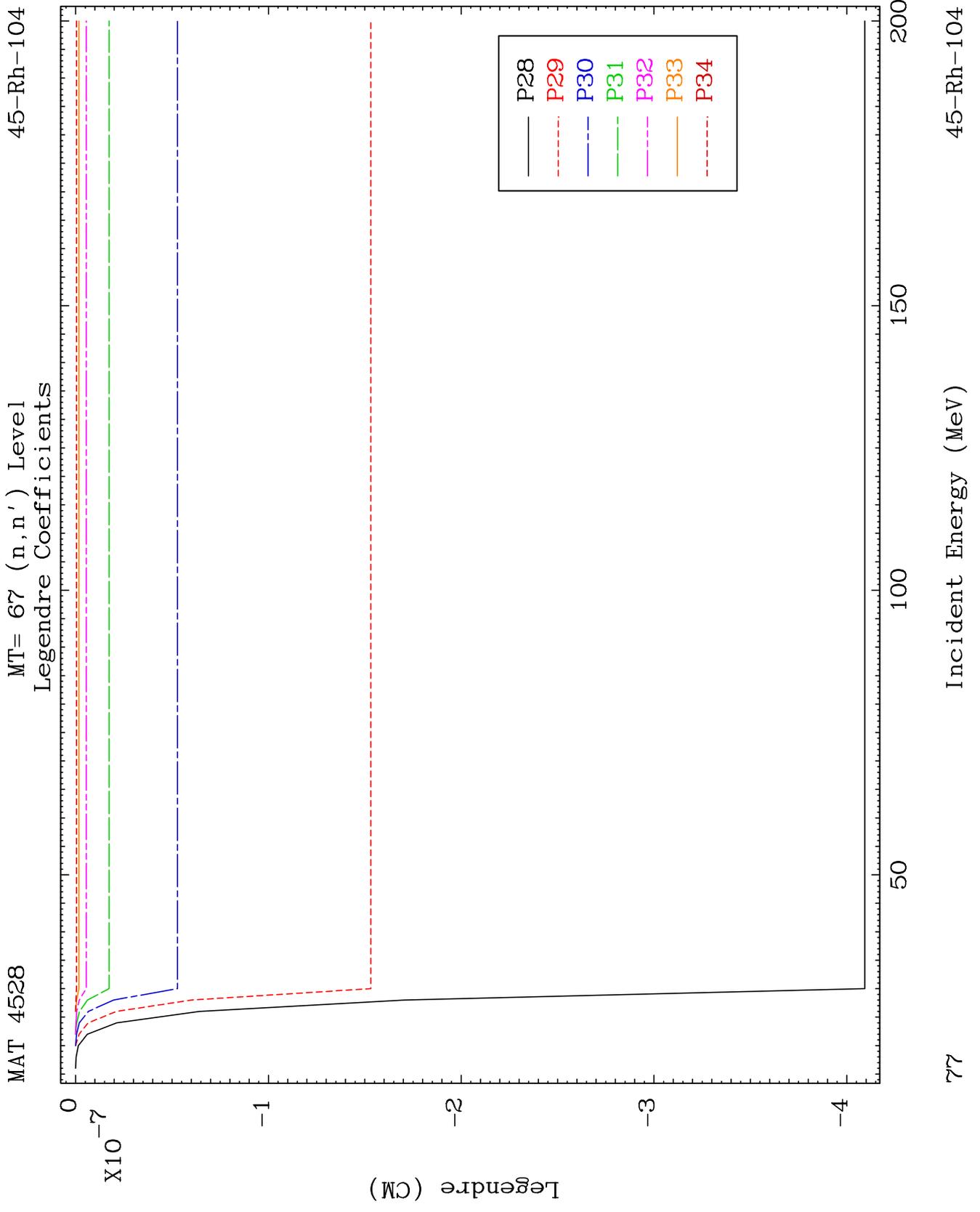


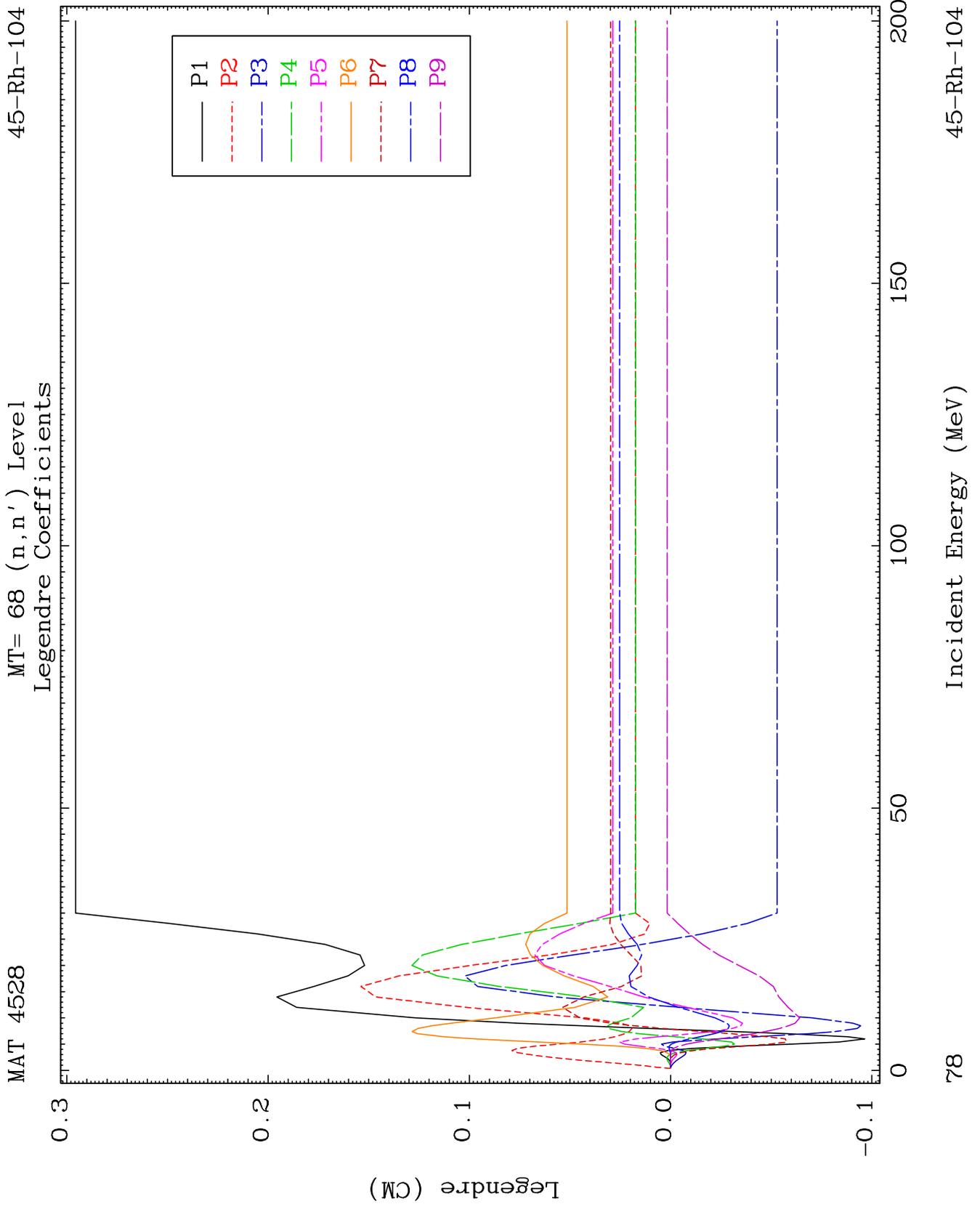
MAT 4528

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

45-Rh-104



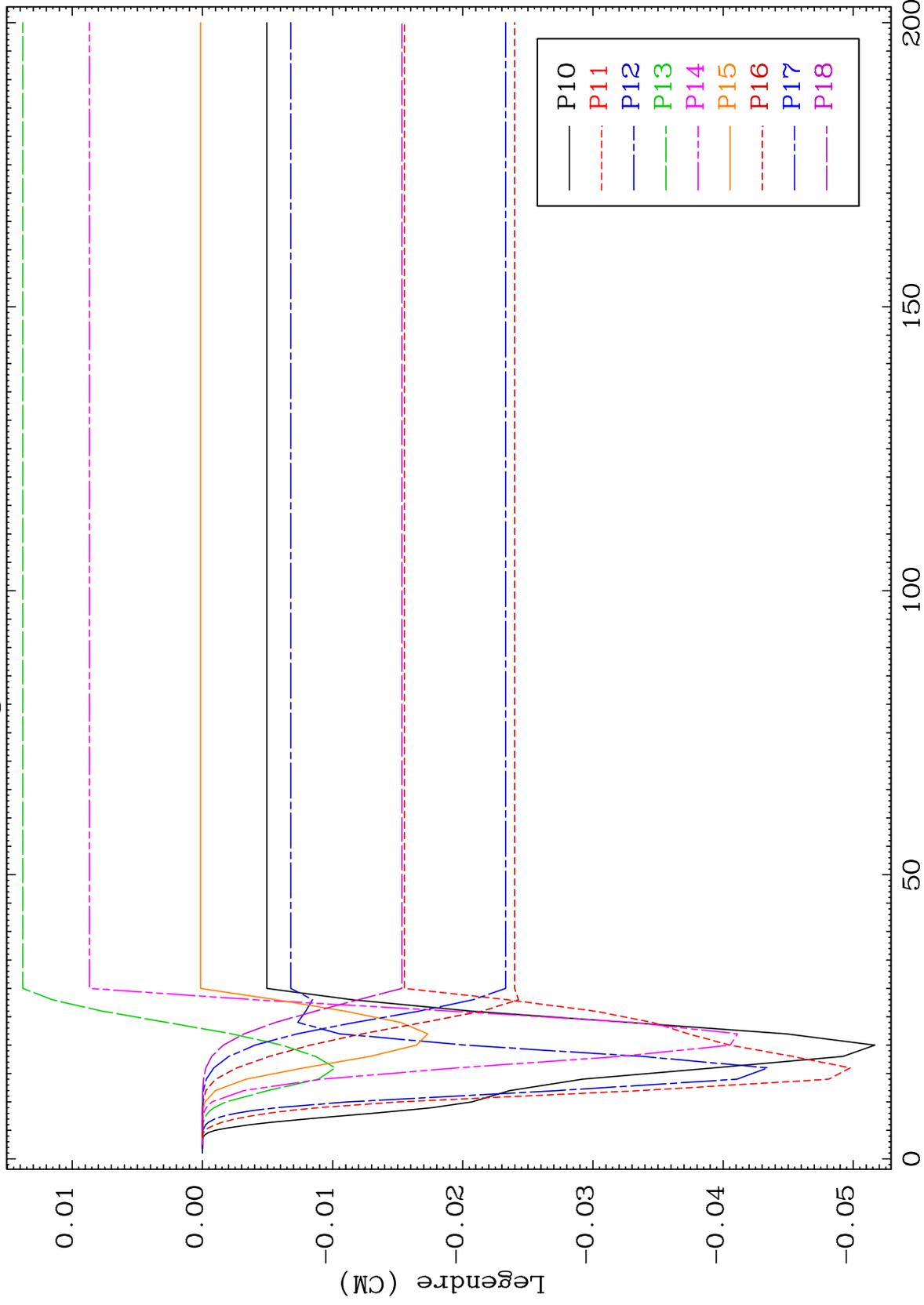




MAT 4528

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

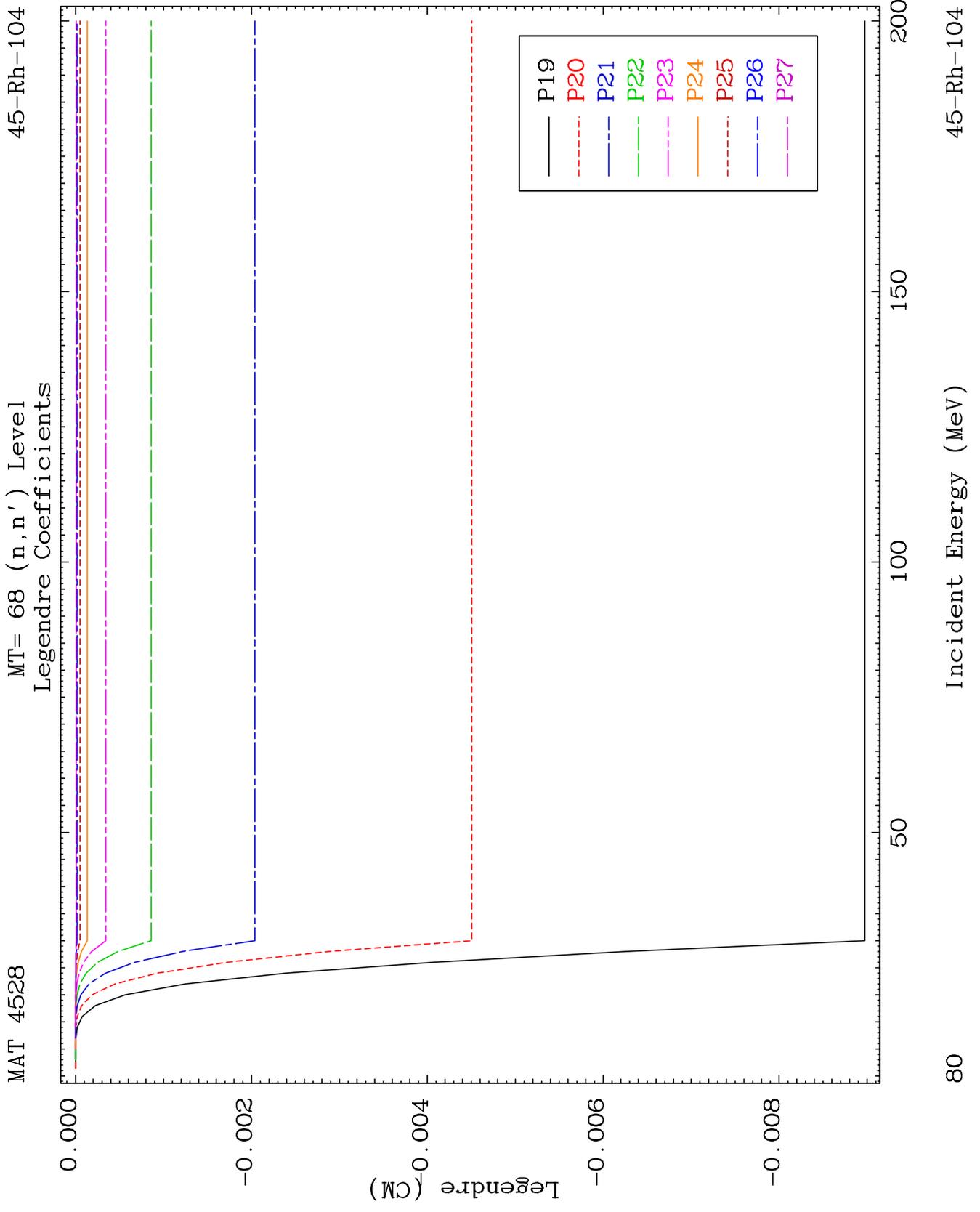
45-Rh-104

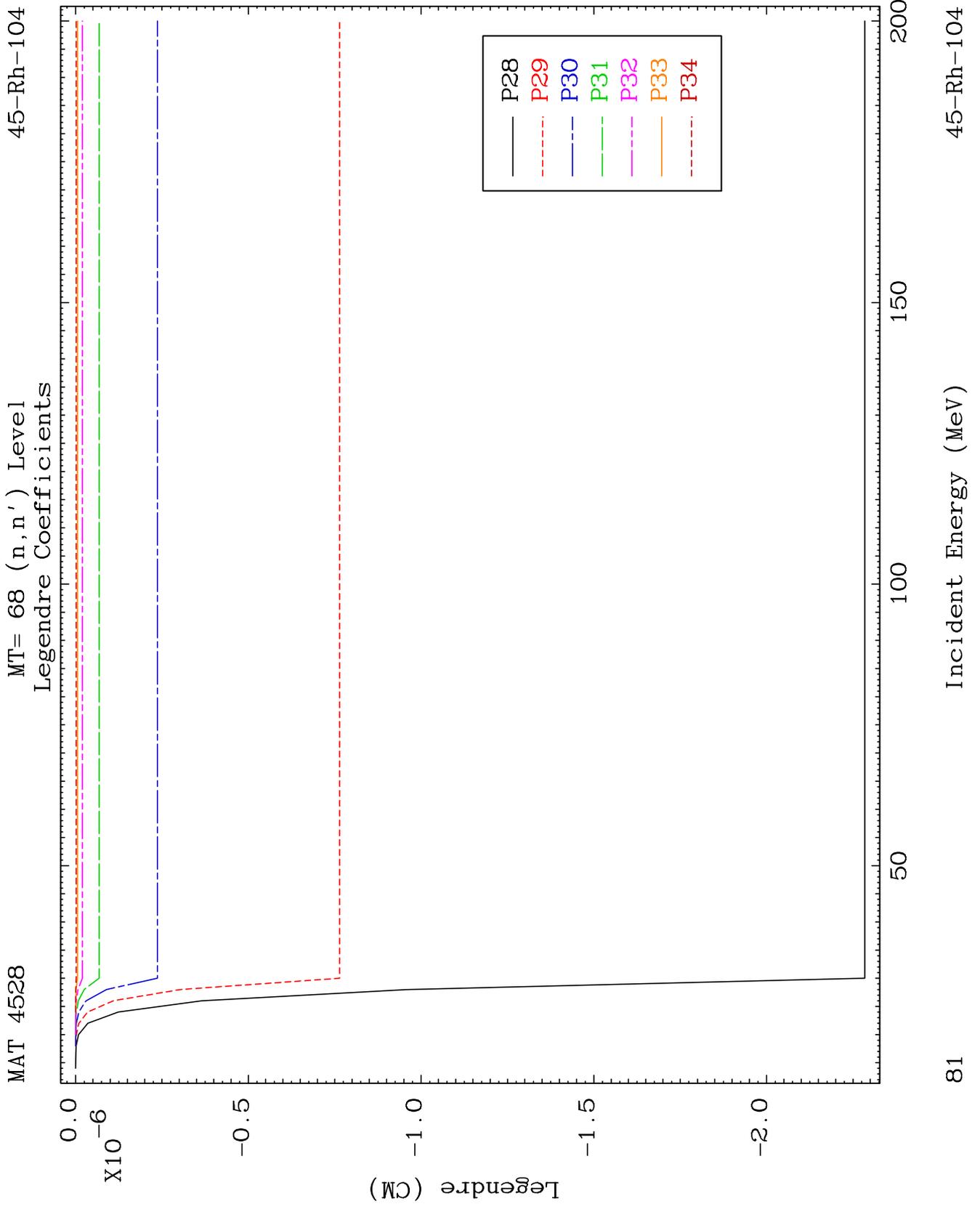


79

Incident Energy (MeV)

45-Rh-104

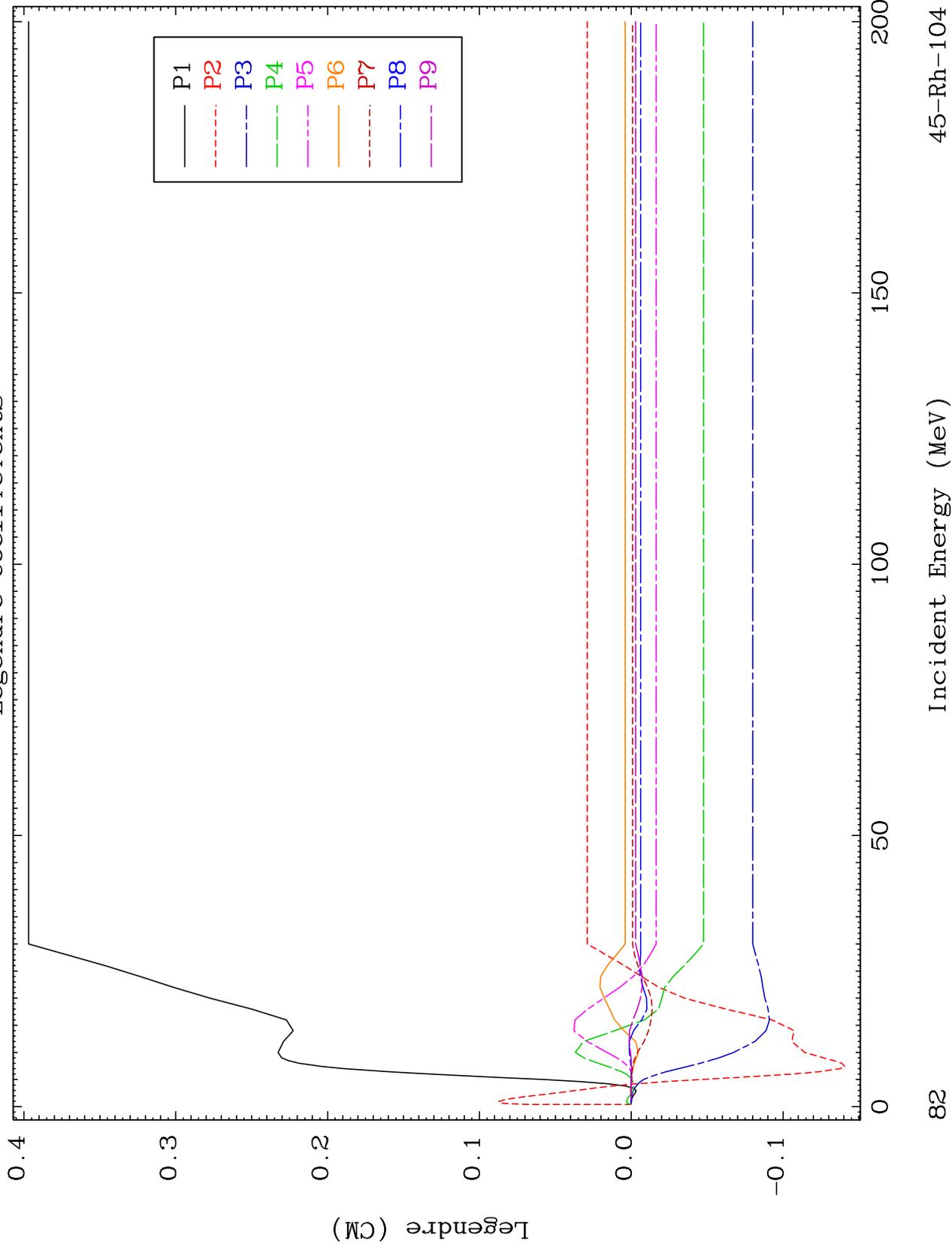




MAT 4528

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

45-Rh-104



45-Rh-104

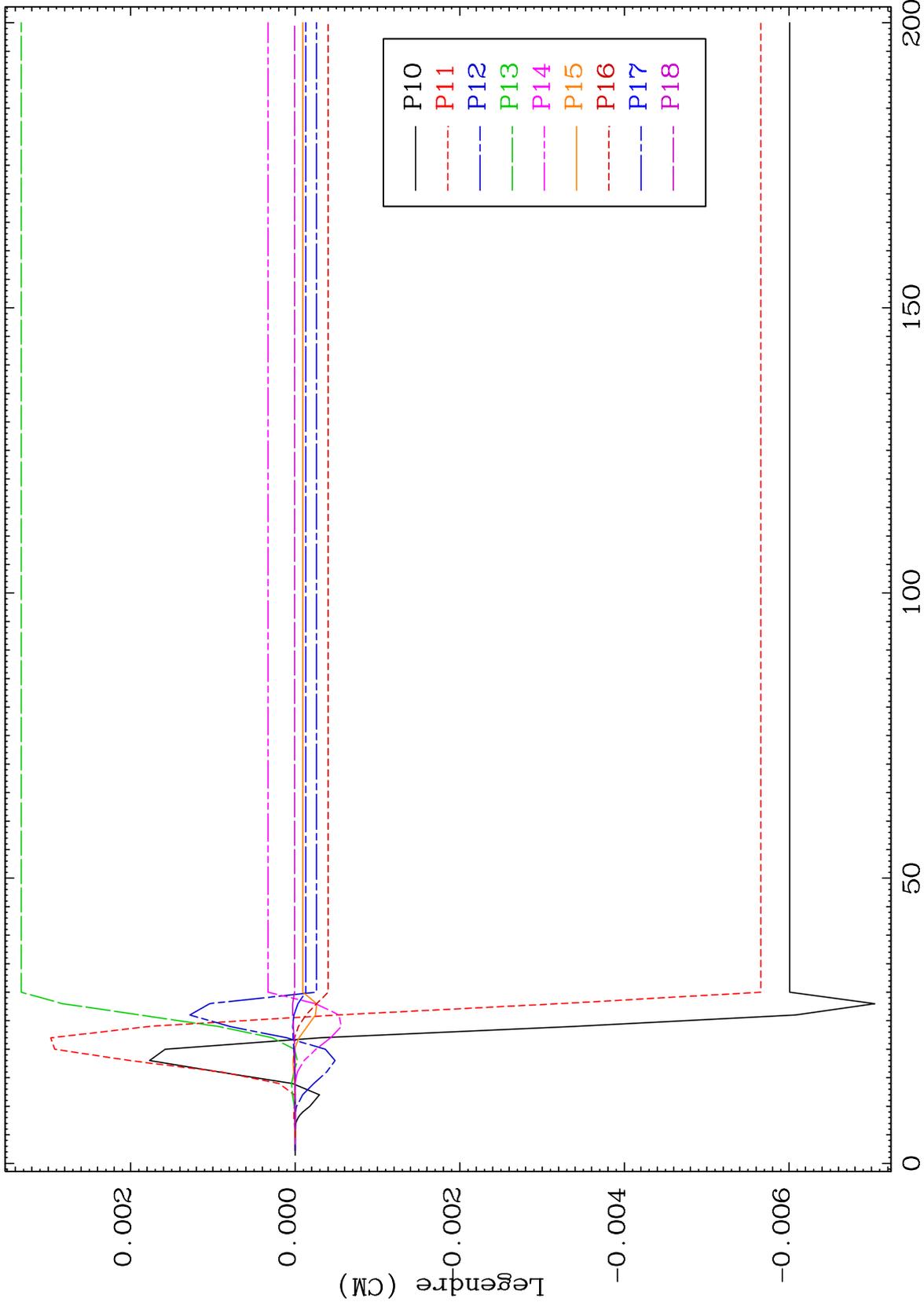
Incident Energy (MeV)

82

MAT 4528

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

45-Rh-104



83

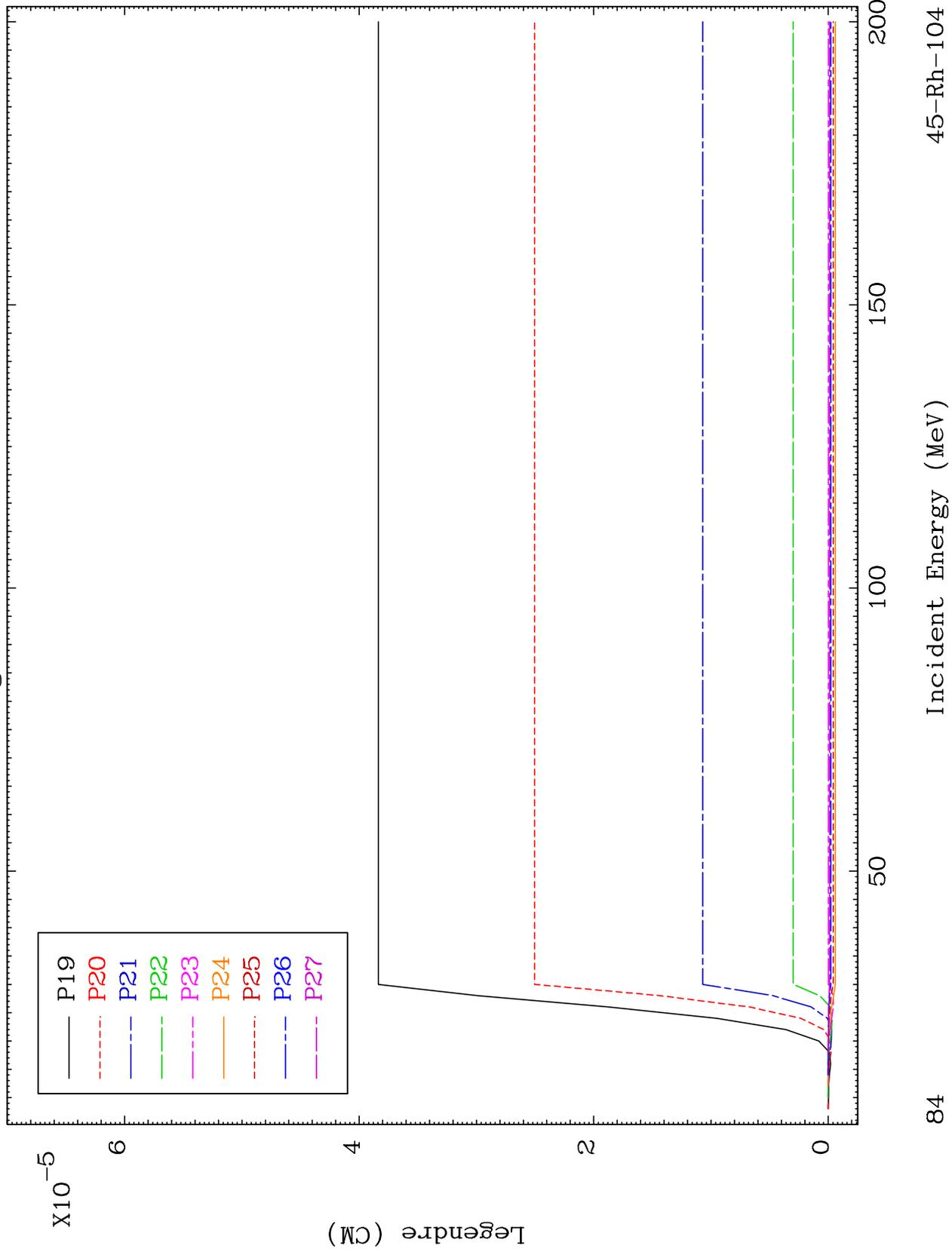
Incident Energy (MeV)

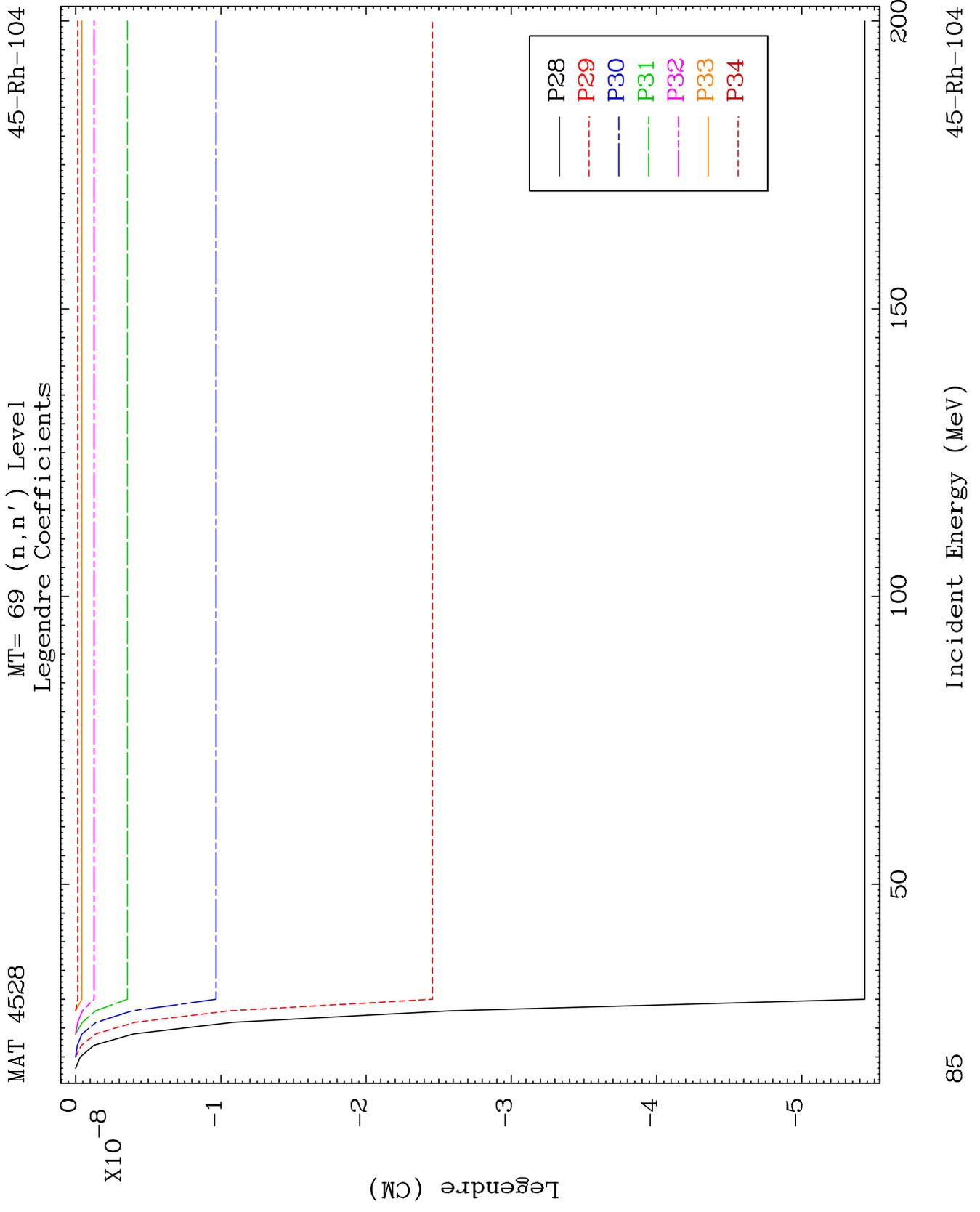
45-Rh-104

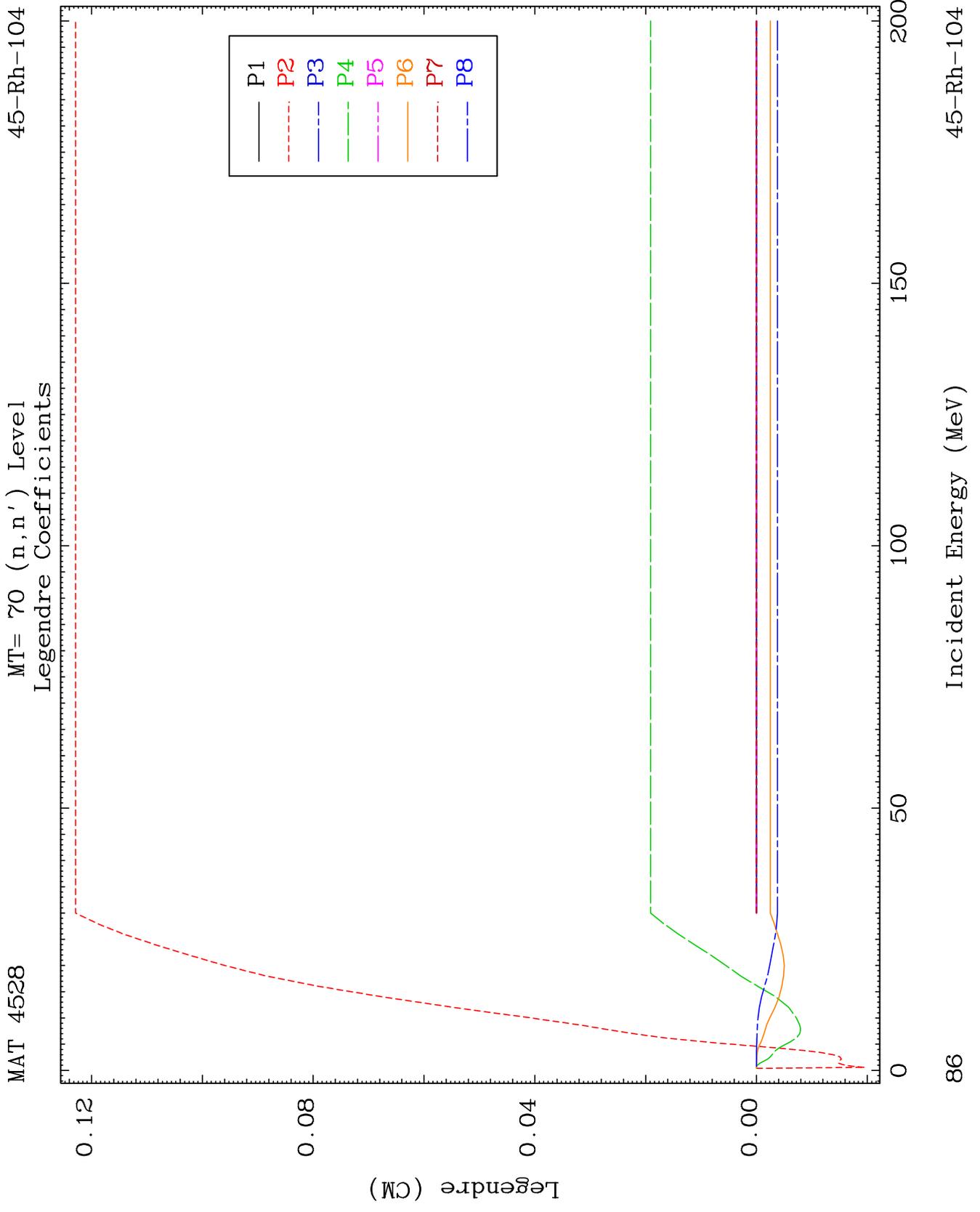
MAT 4528

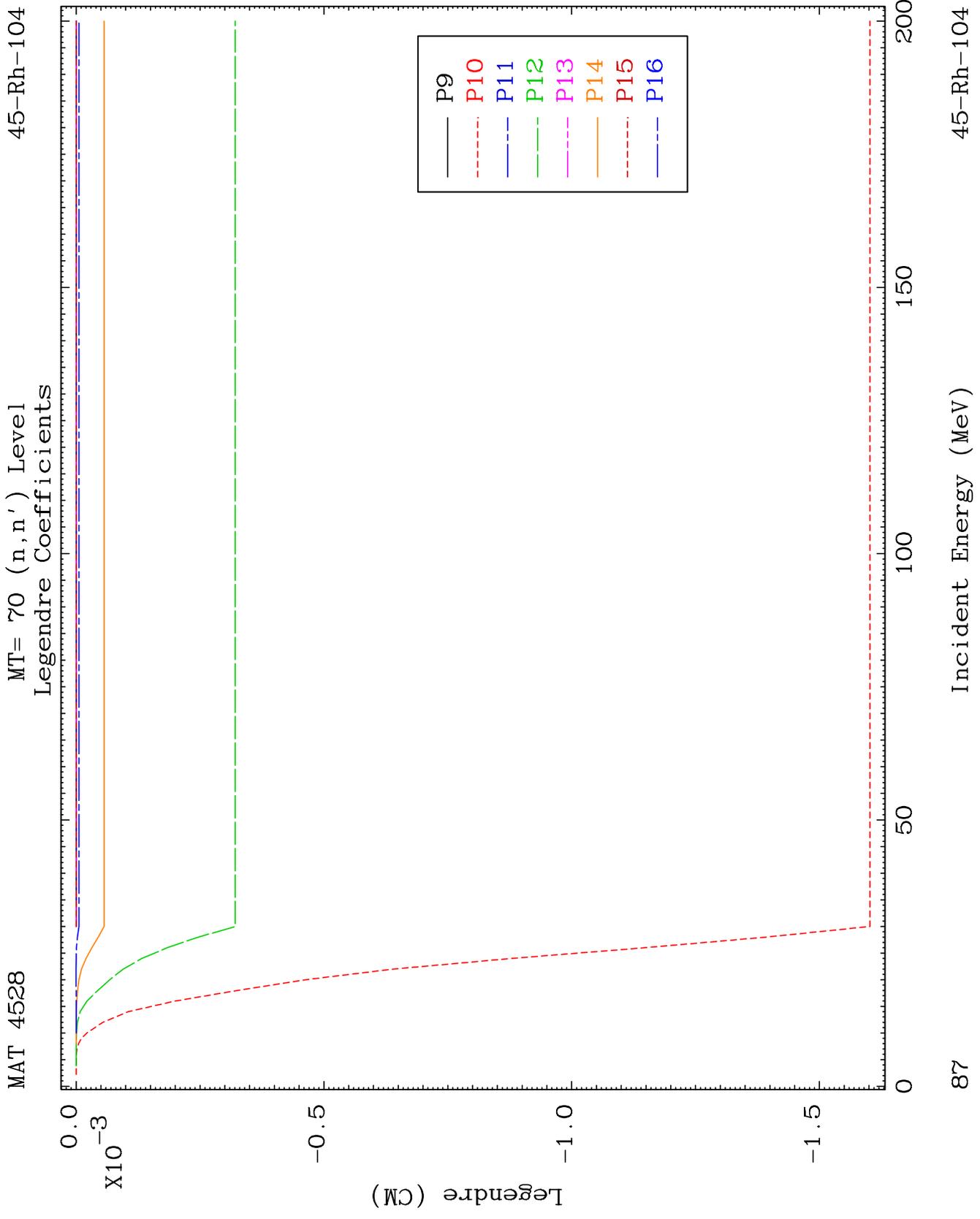
MT= 69 (n,n') Level  
Legendre Coefficients

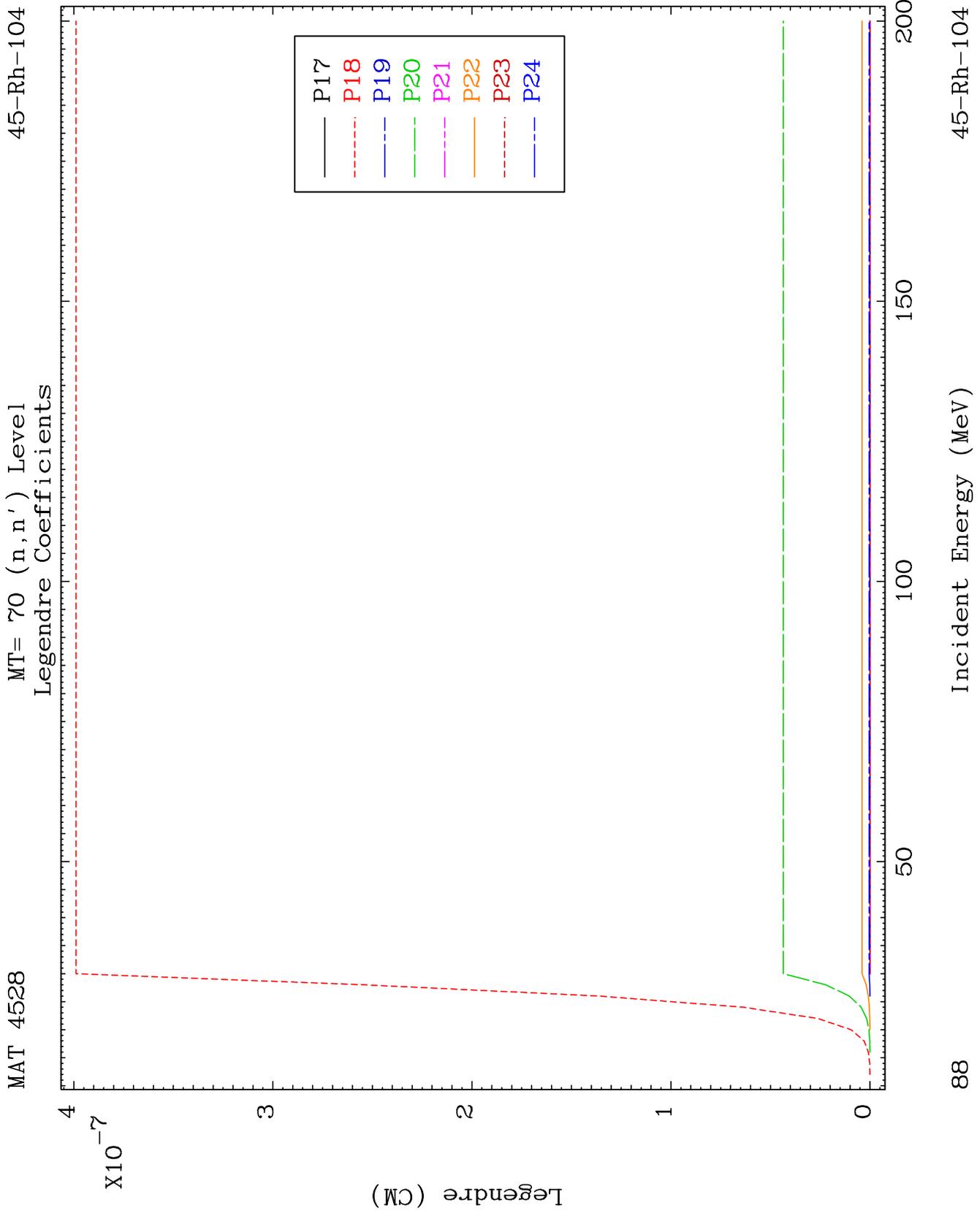
45-Rh-104







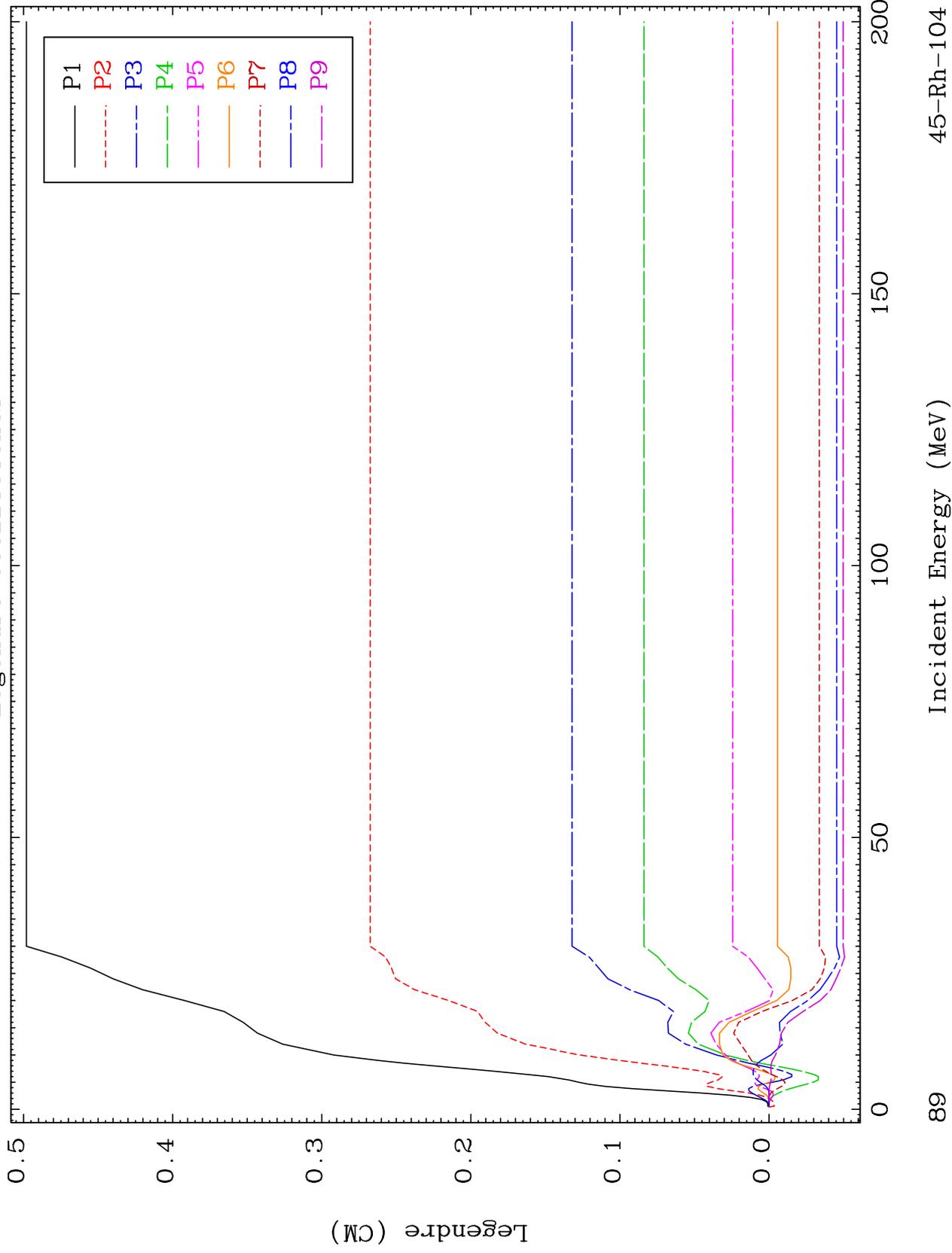




MAT 4528

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

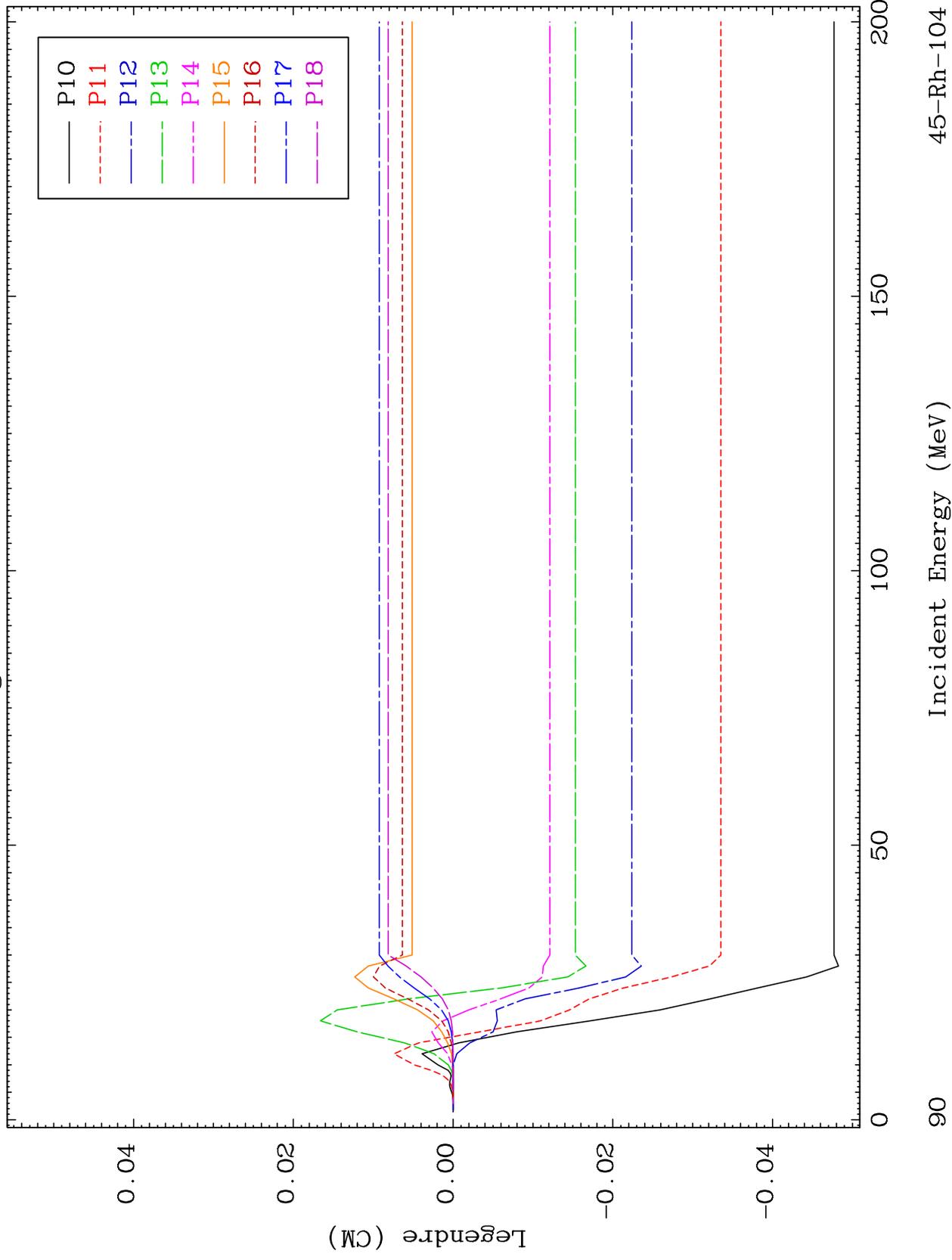
45-Rh-104



MAT 4528

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

45-Rh-104



45-Rh-104

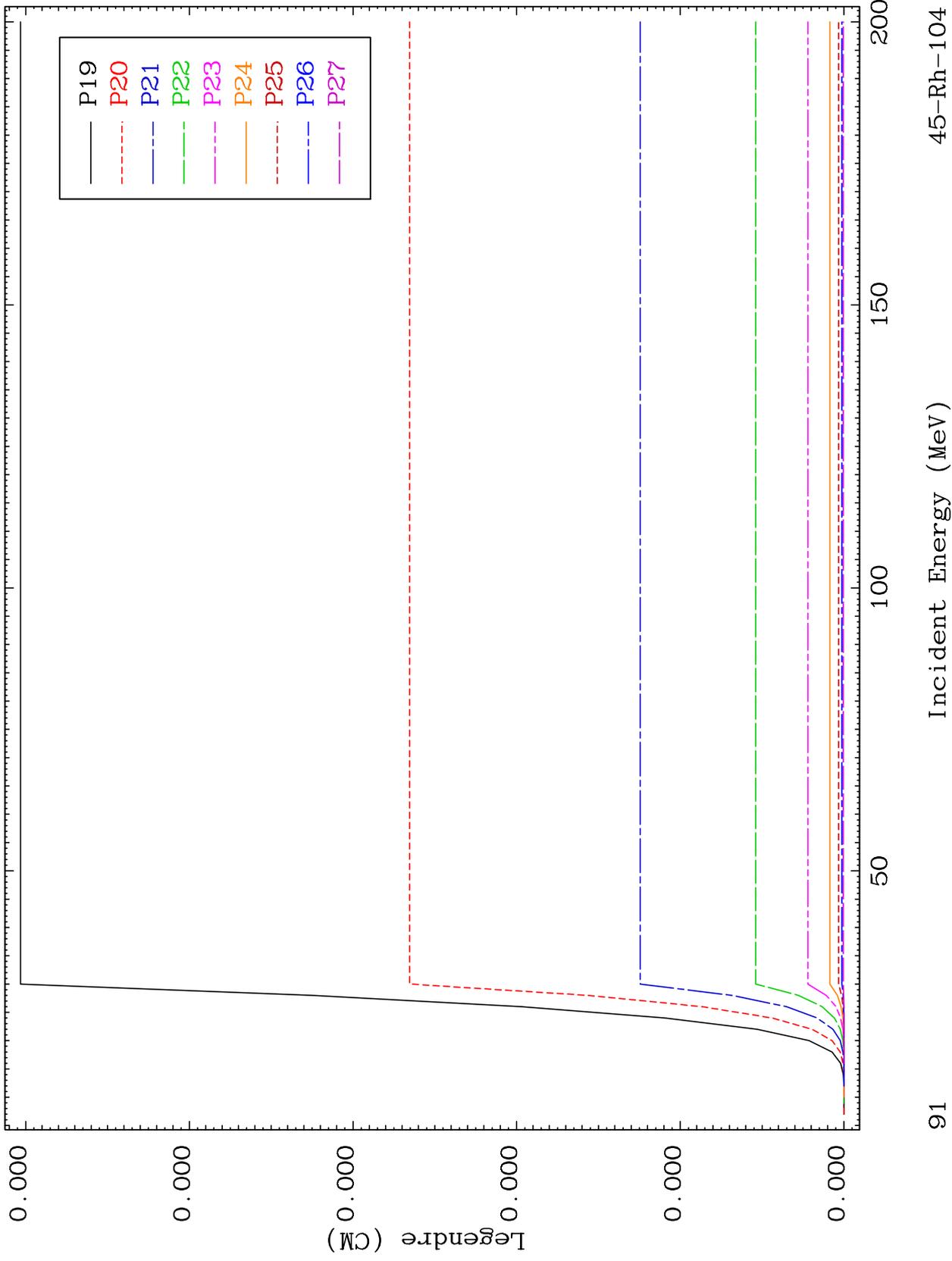
Incident Energy (MeV)

90

MAT 4528

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

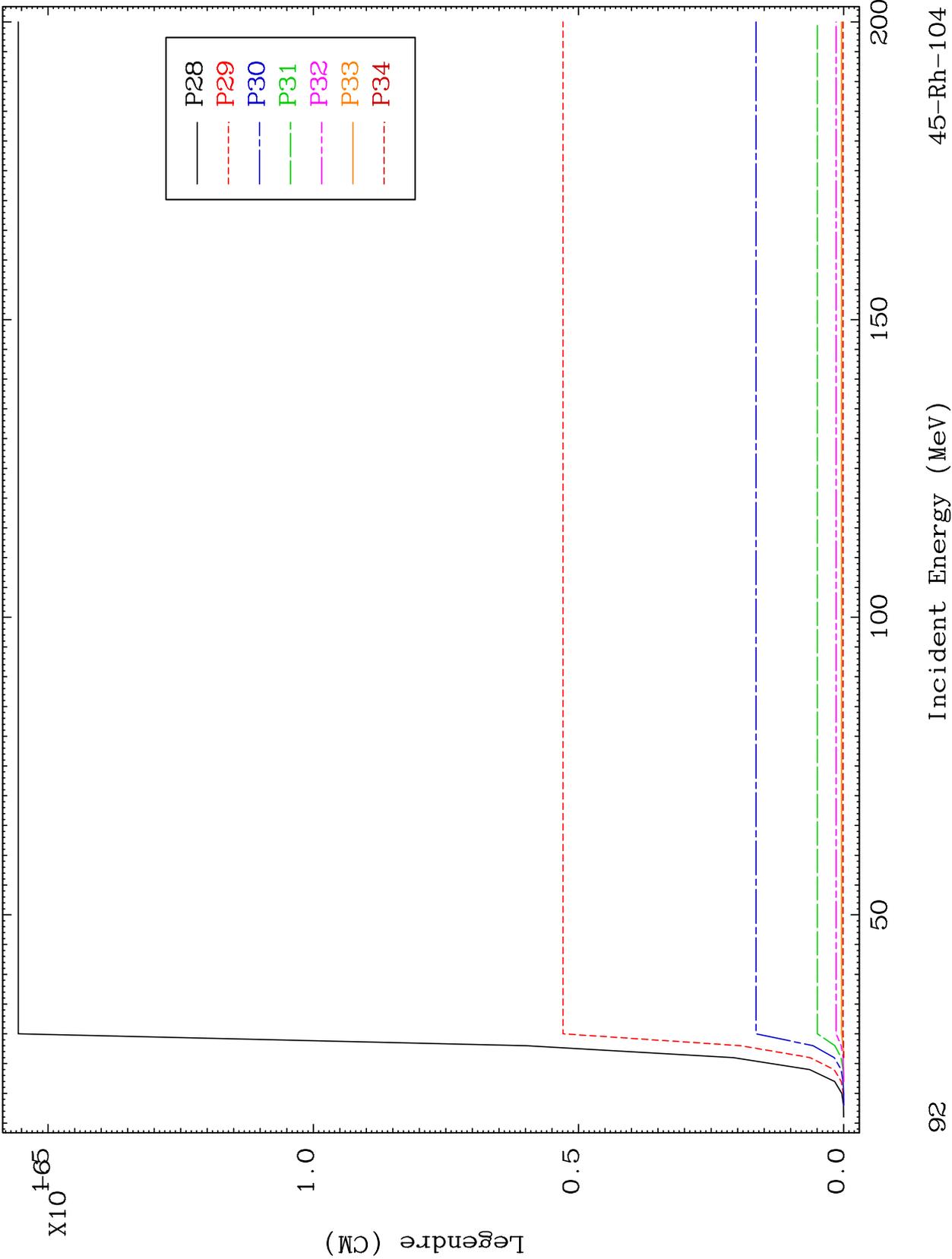
45-Rh-104



MAT 4528

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

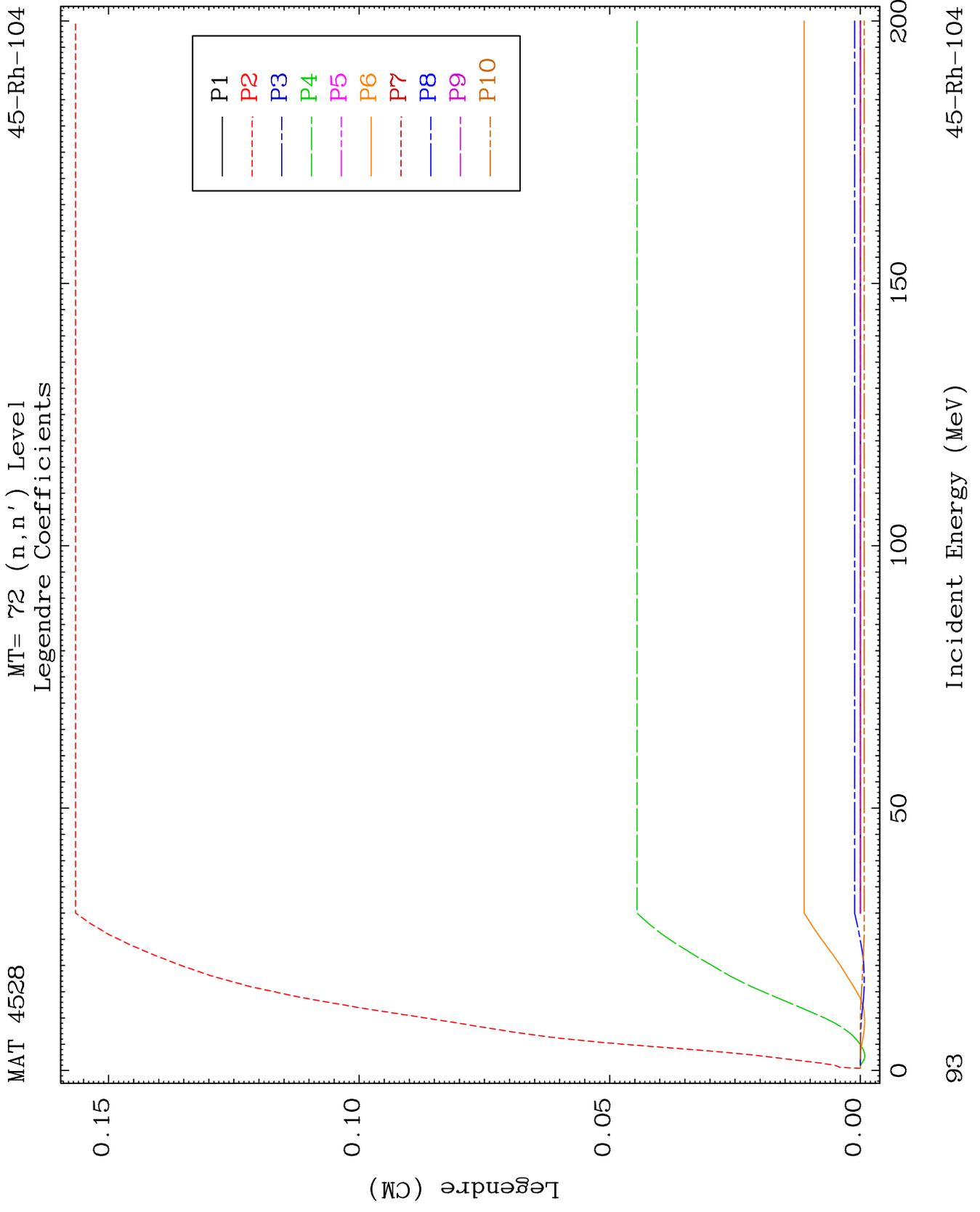
45-Rh-104



92

Incident Energy (MeV)

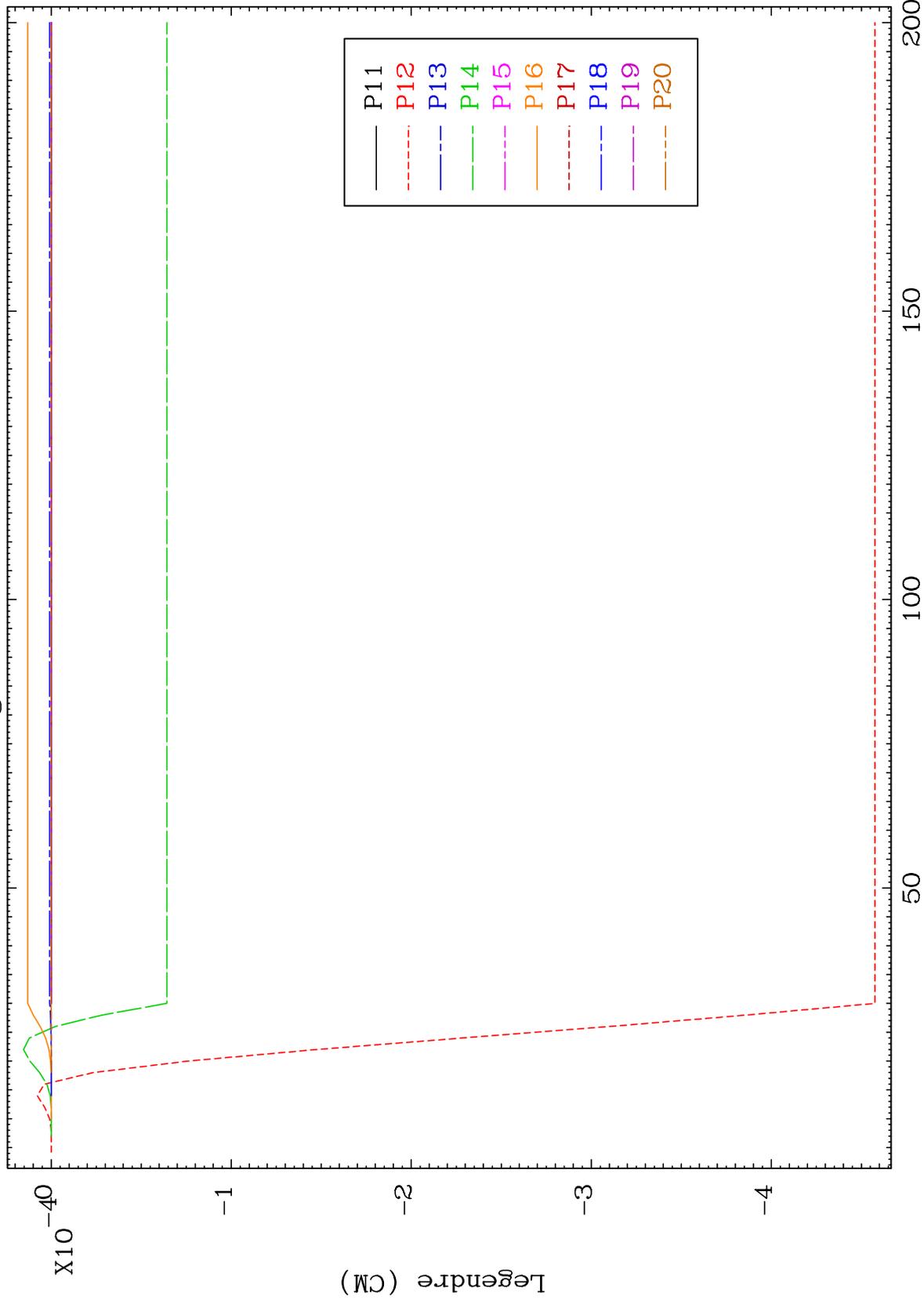
45-Rh-104



MAT 4528

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

45-Rh-104



94

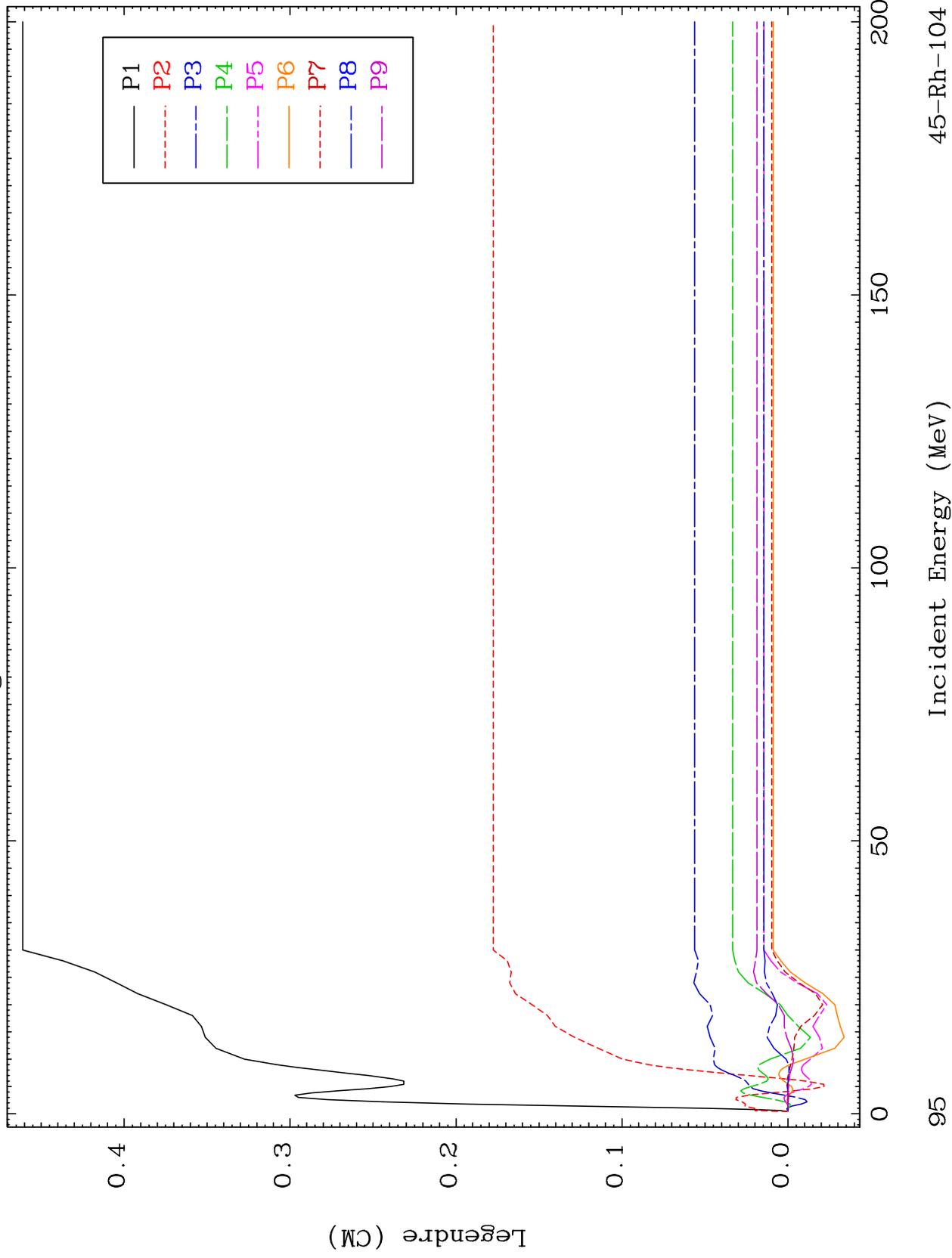
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

45-Rh-104



45-Rh-104

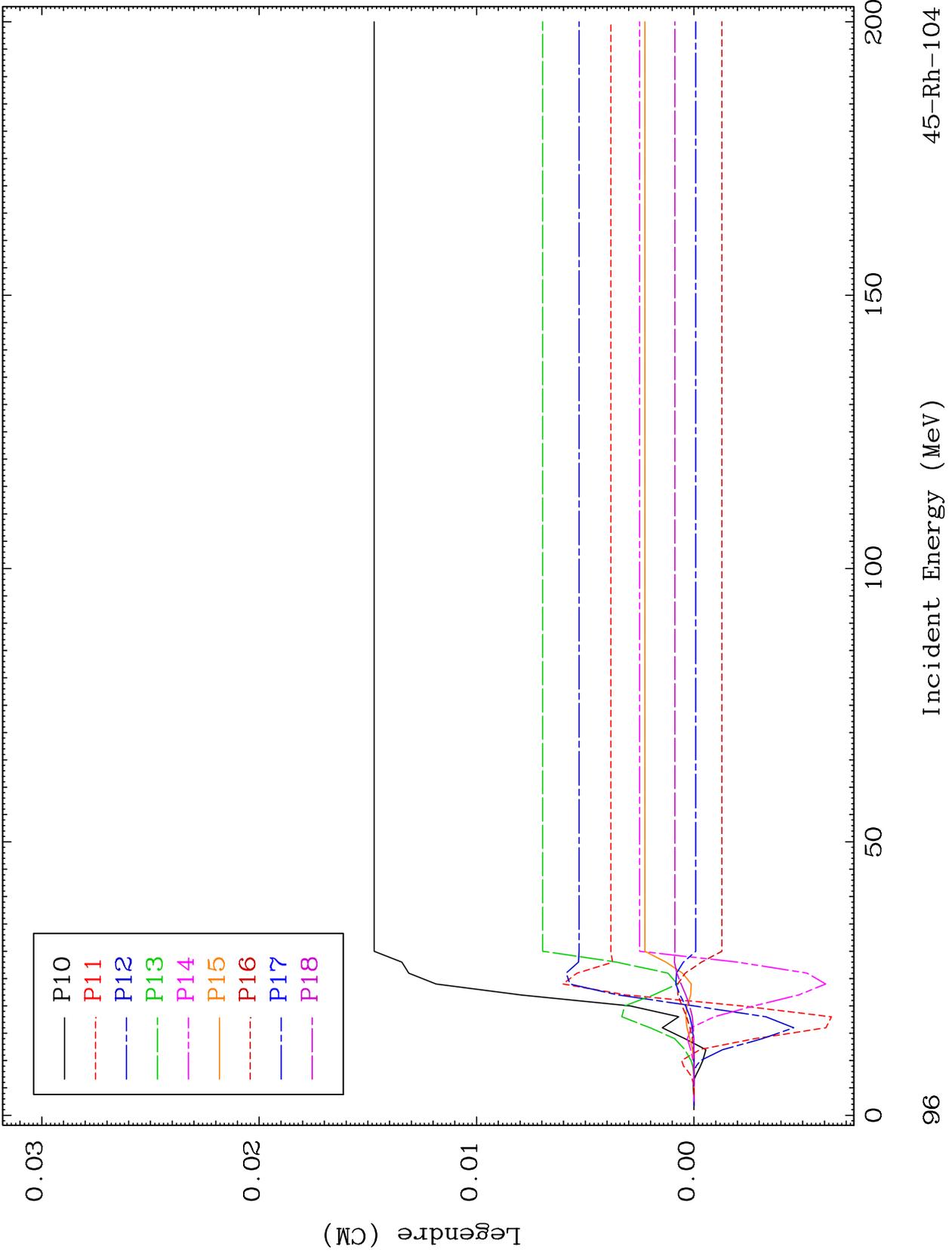
Incident Energy (MeV)

95

MAT 4528

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

45-Rh-104



96

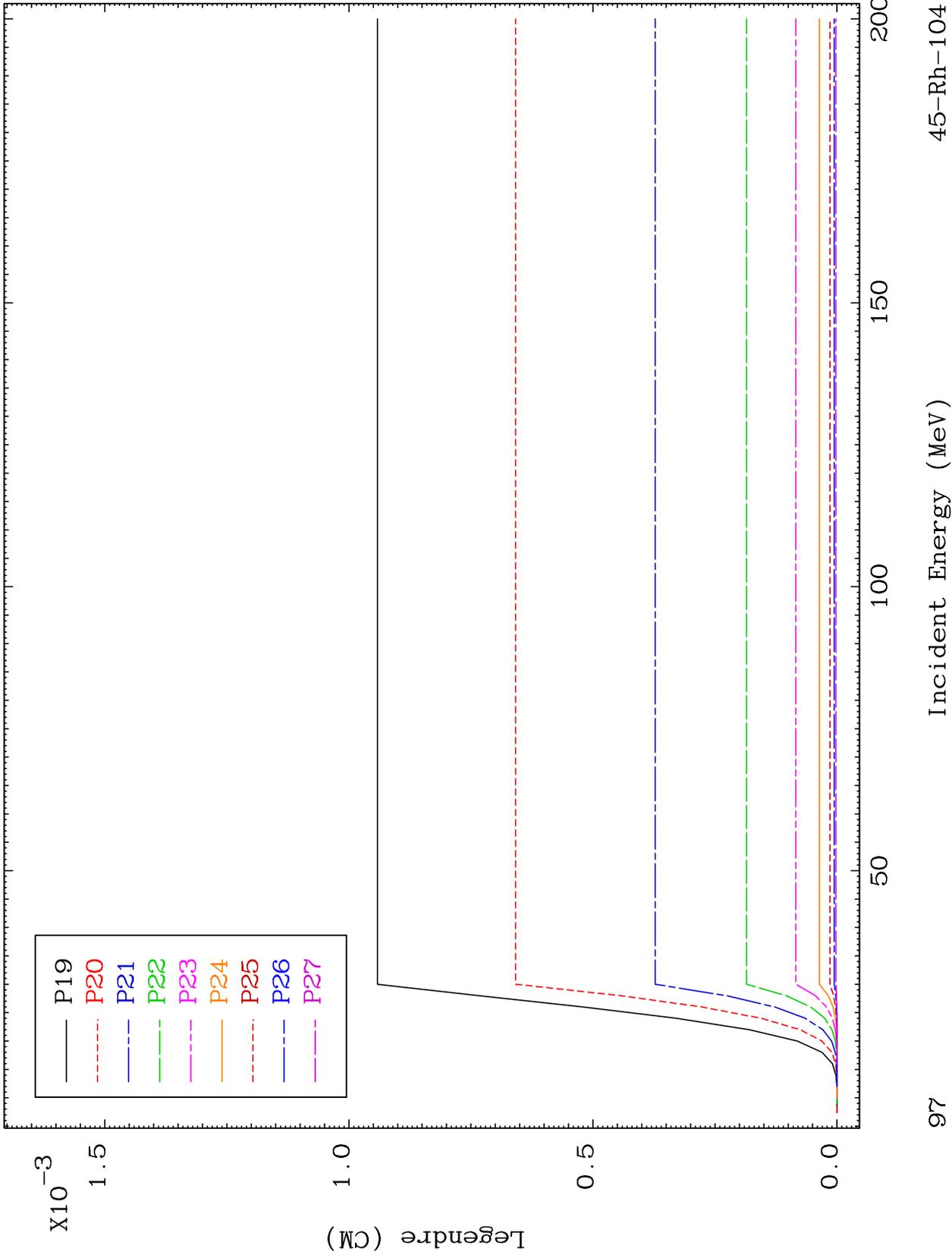
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

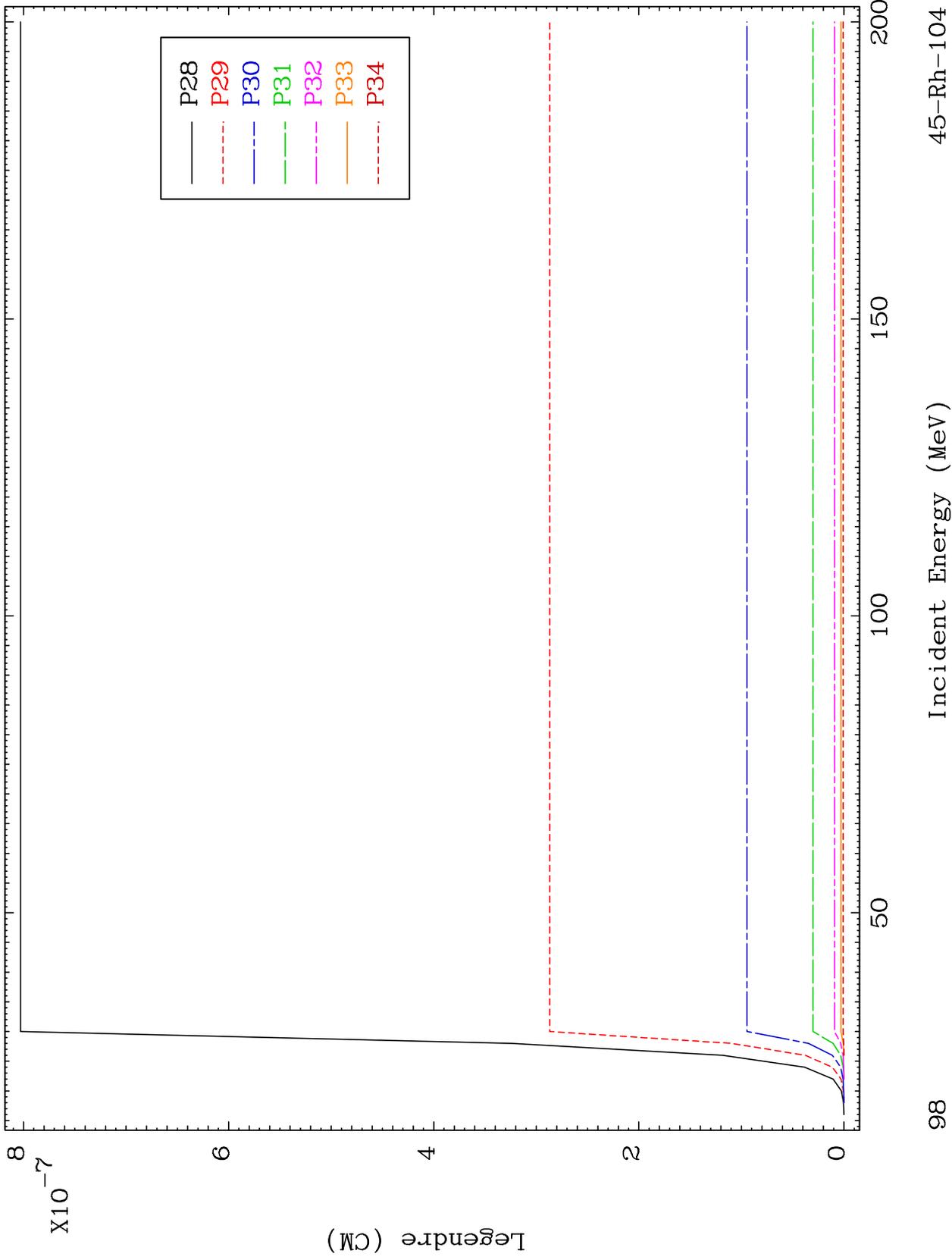
45-Rh-104



MAT 4528

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

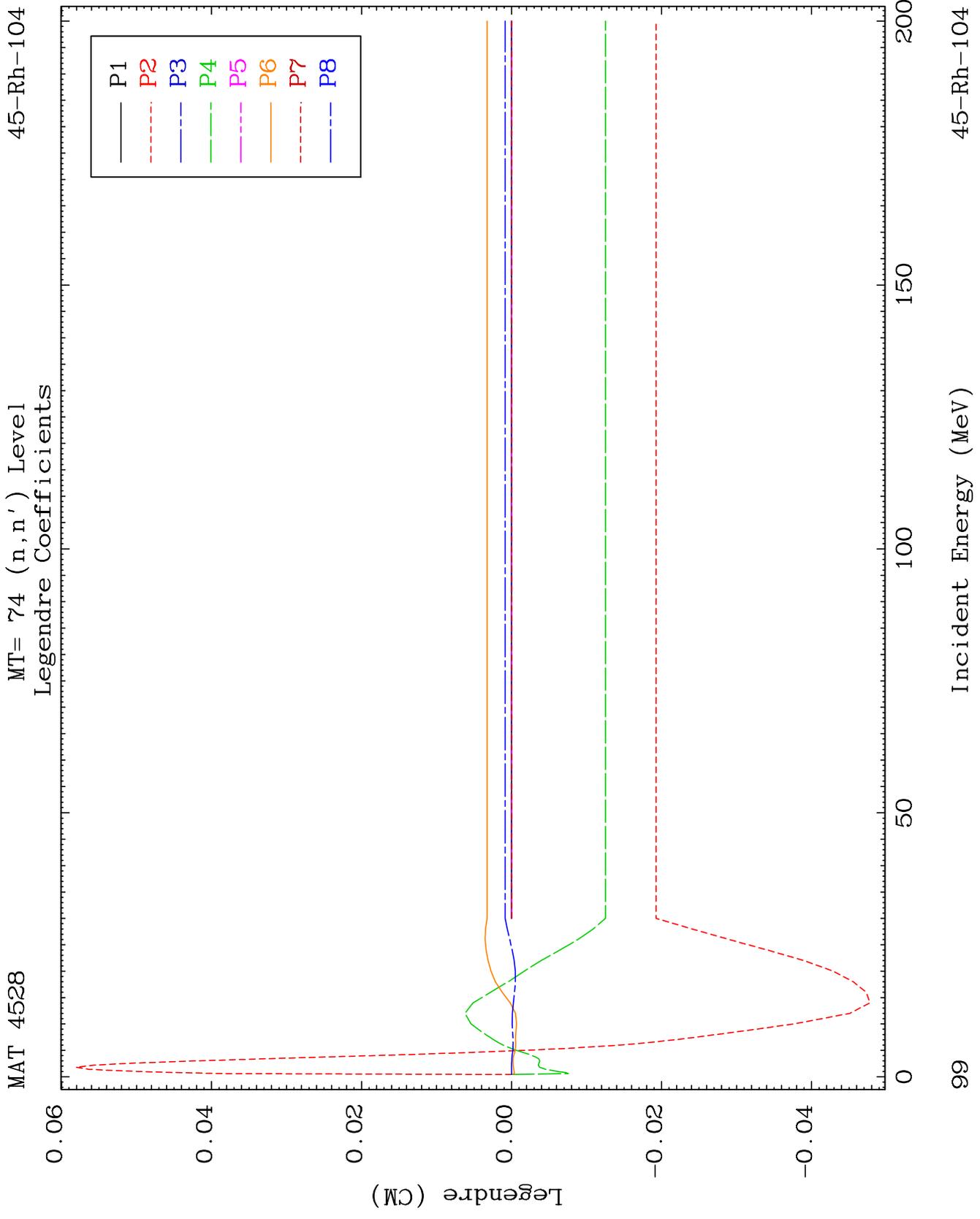
45-Rh-104



98

Incident Energy (MeV)

45-Rh-104

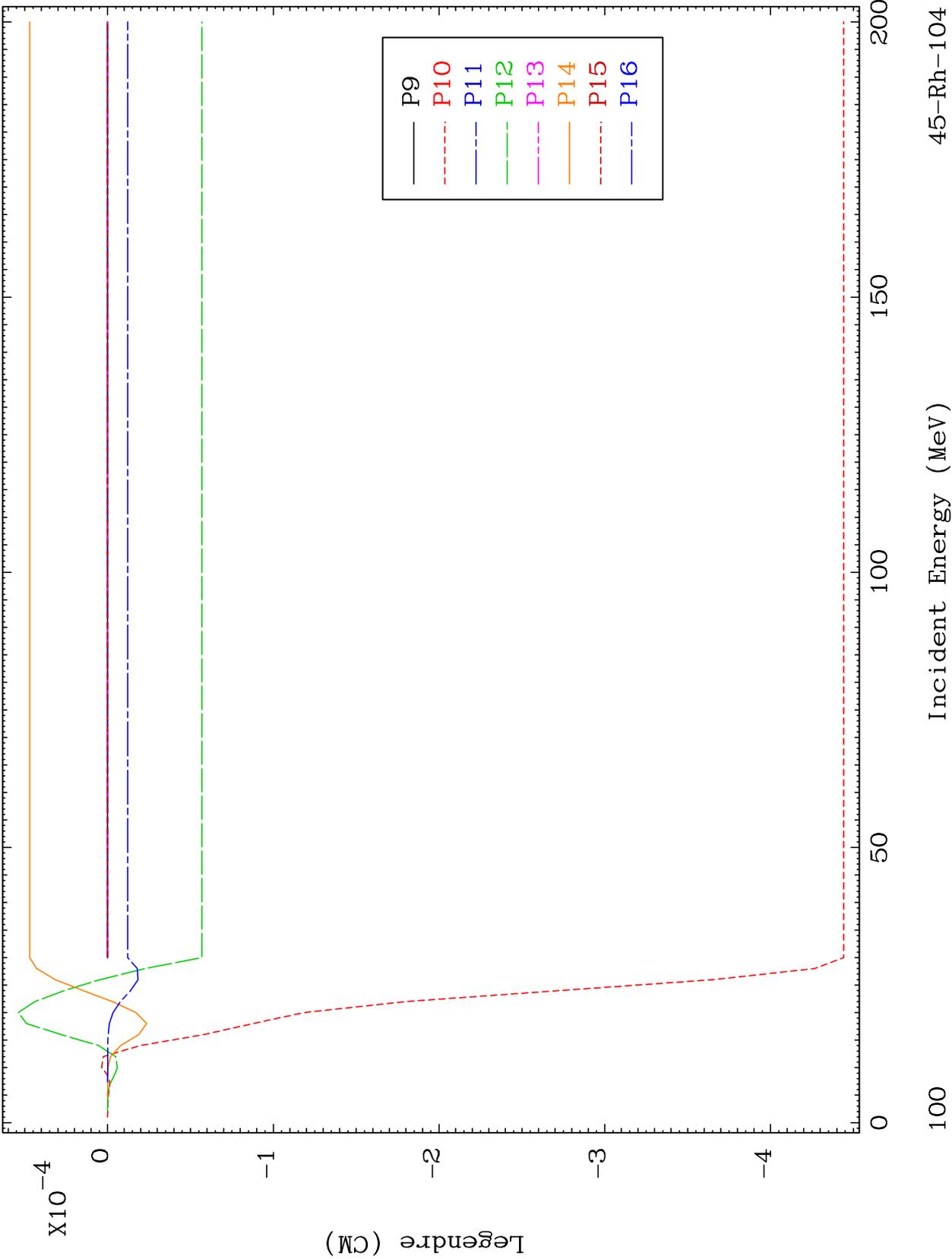


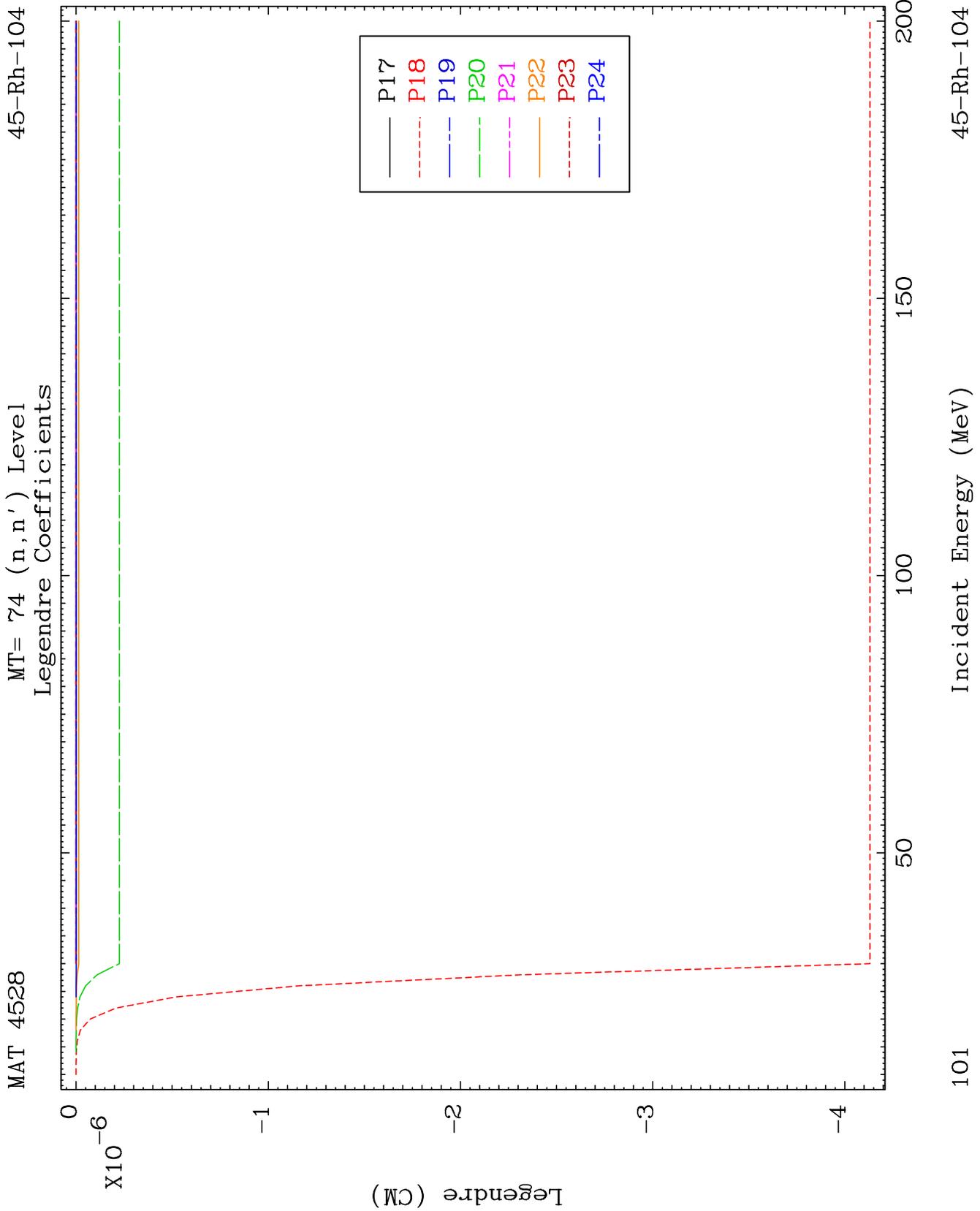
MAT 4528

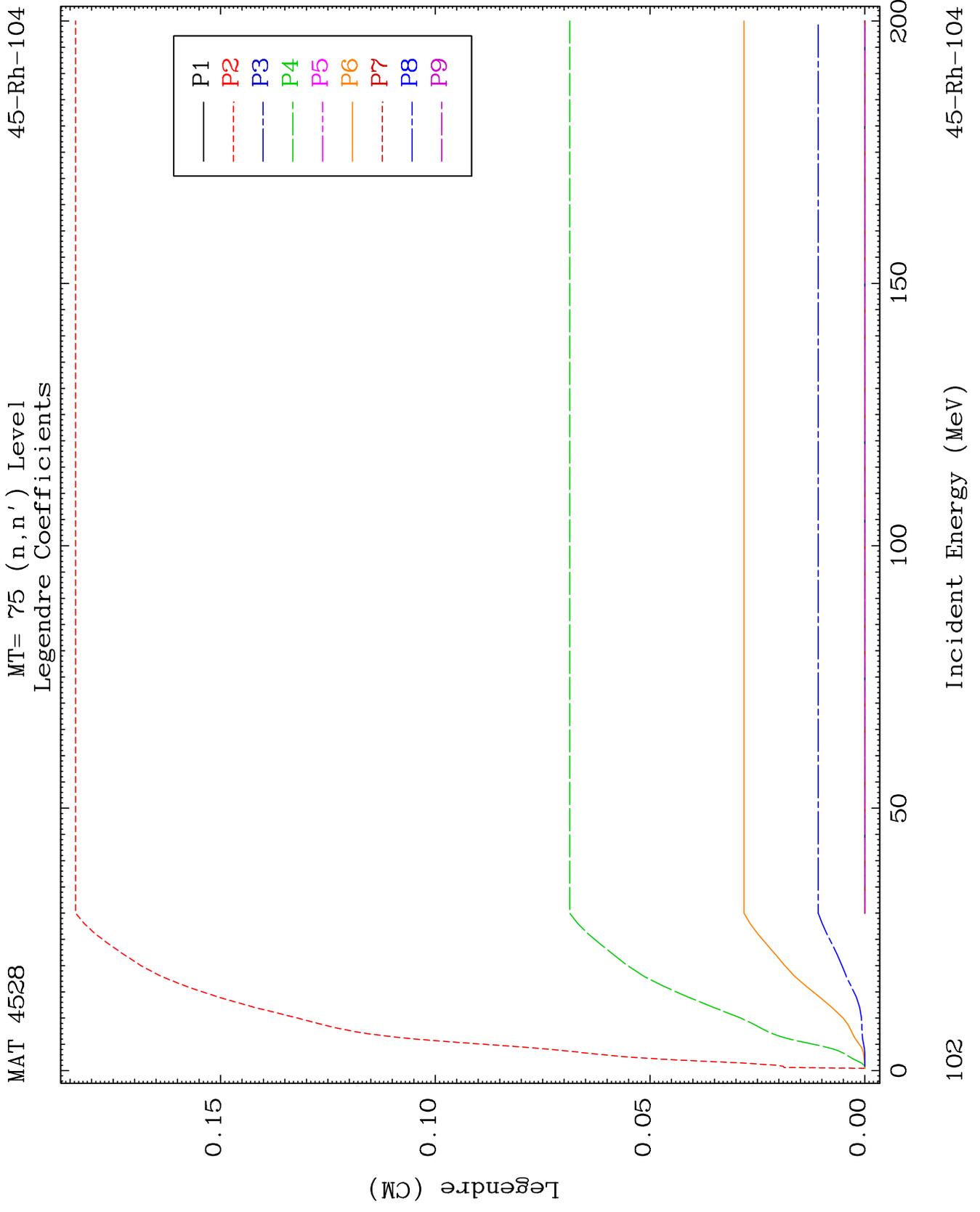
MT= 74 (n,n') Level

45-Rh-104

Legendre Coefficients



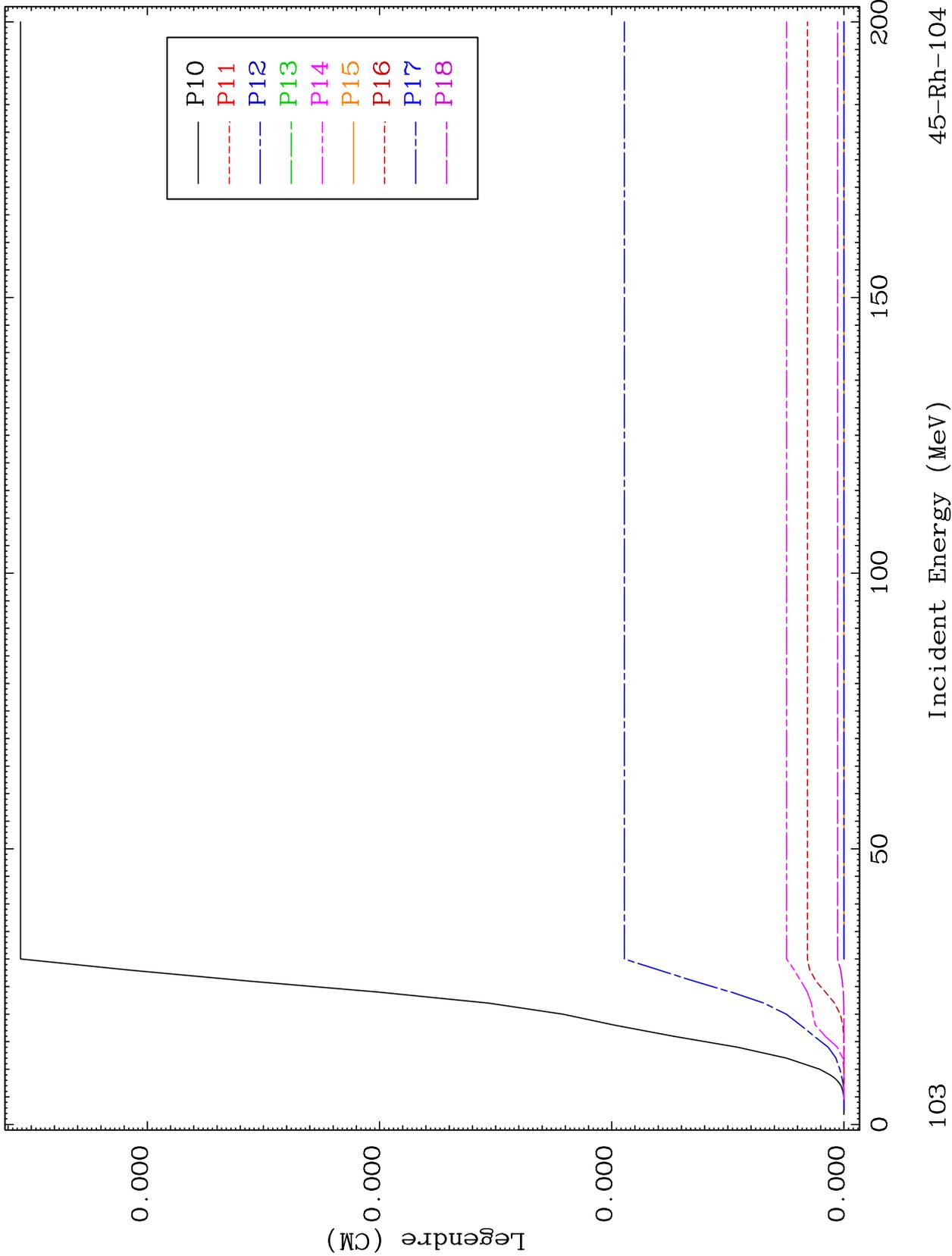




MAT 4528

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

45-Rh-104



103

Incident Energy (MeV)

45-Rh-104

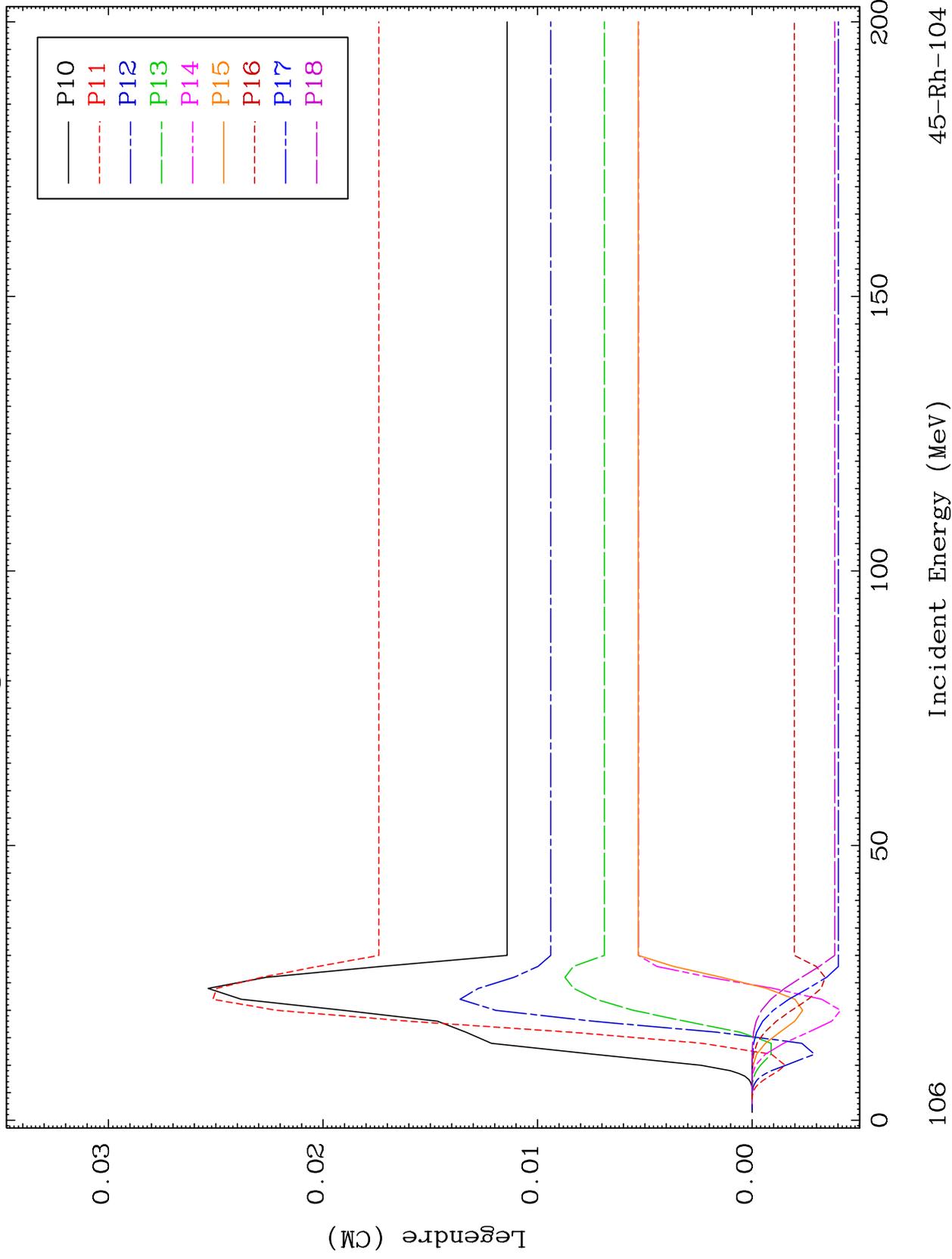




MAT 4528

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

45-Rh-104



45-Rh-104

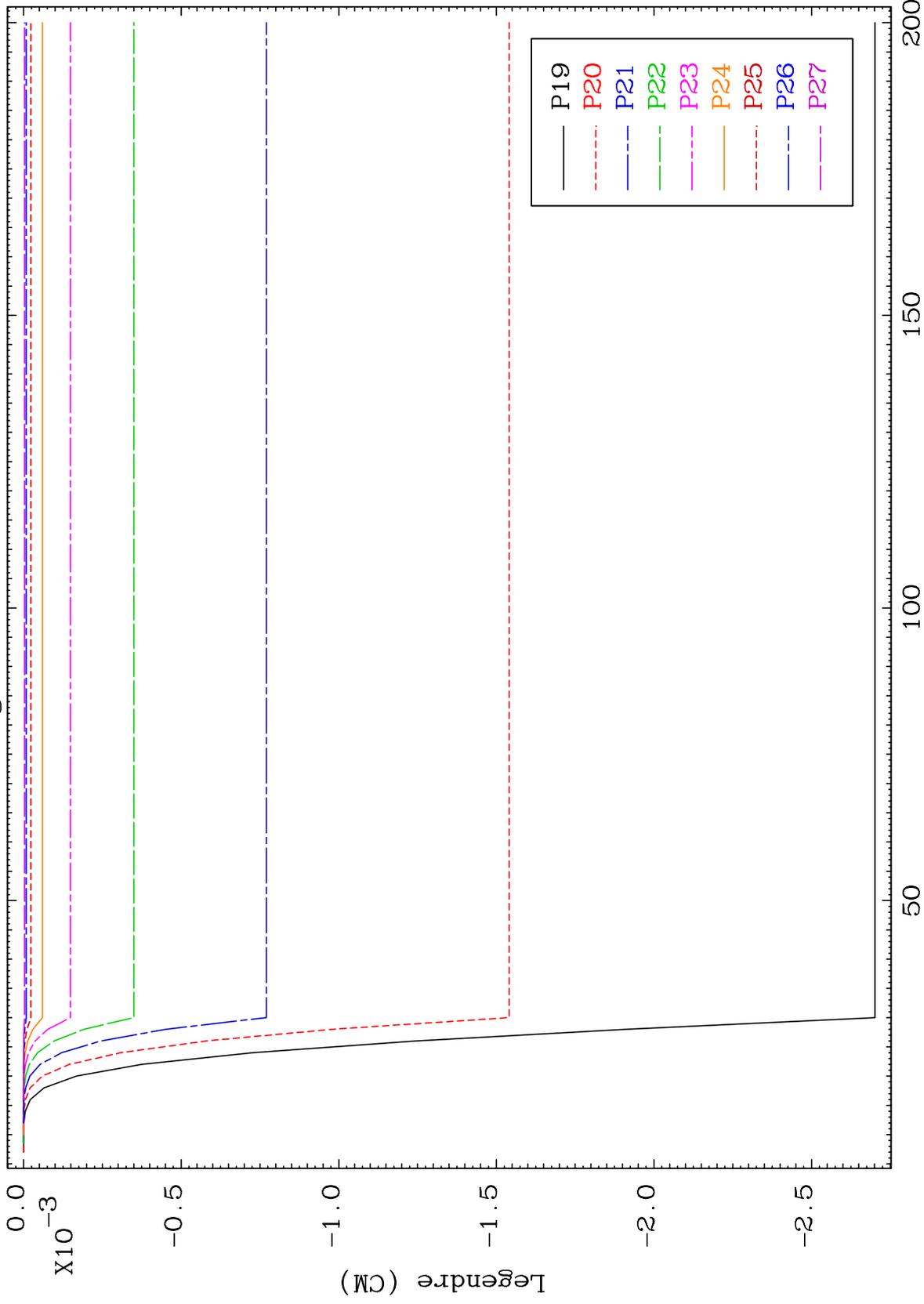
Incident Energy (MeV)

106

MAT 4528

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

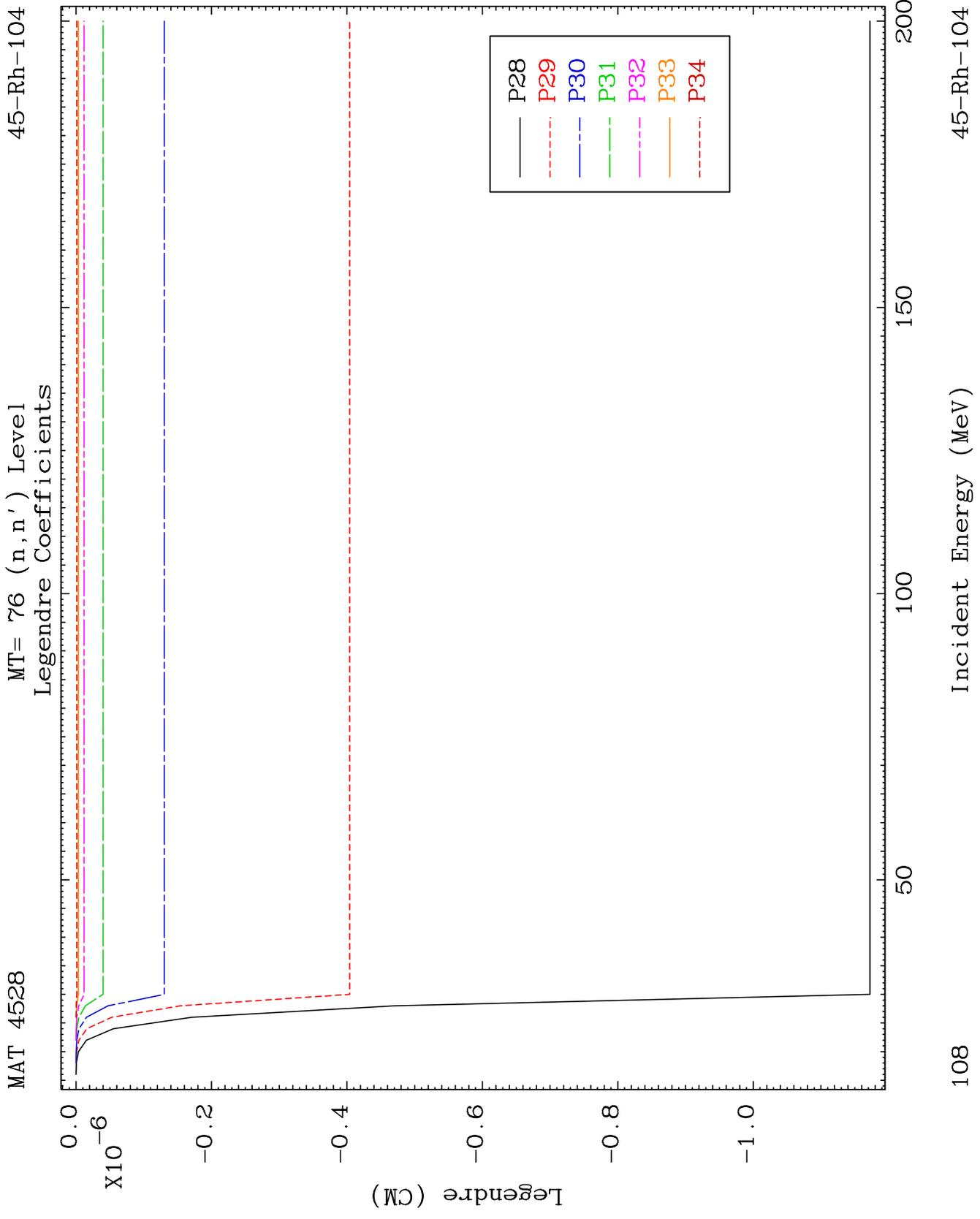
45-Rh-104



107

Incident Energy (MeV)

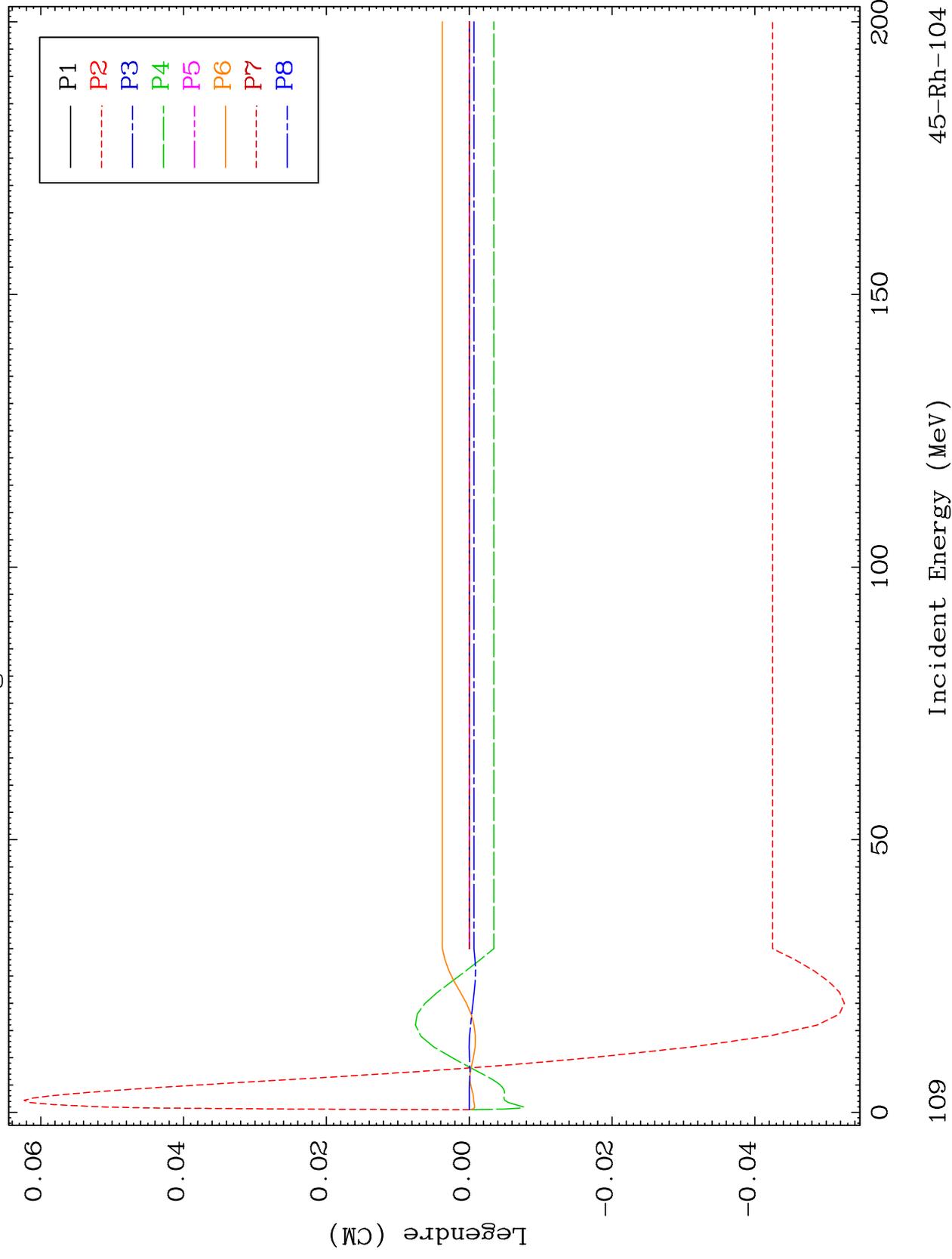
45-Rh-104



MAT 4528

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

45-Rh-104



45-Rh-104

Incident Energy (MeV)

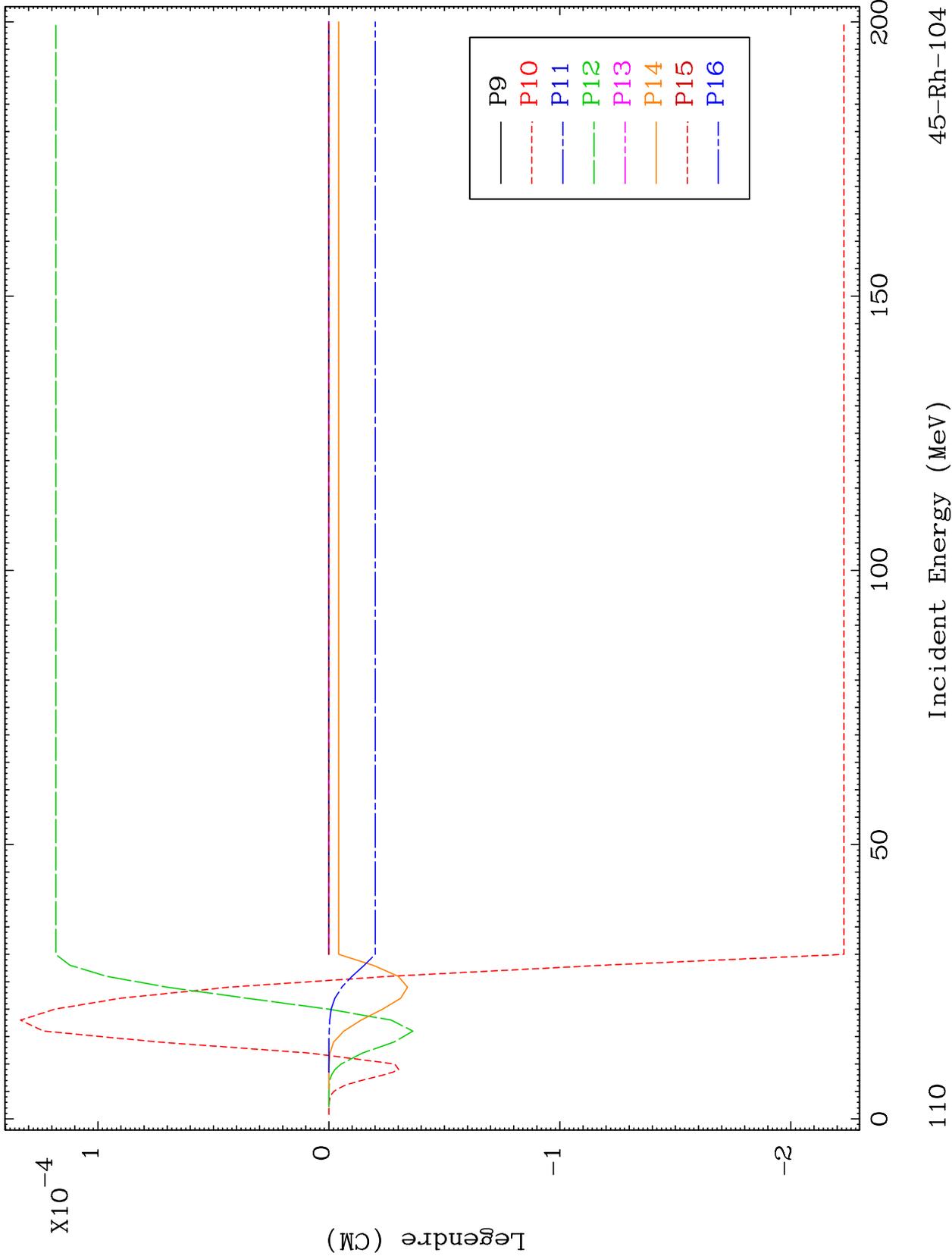
109

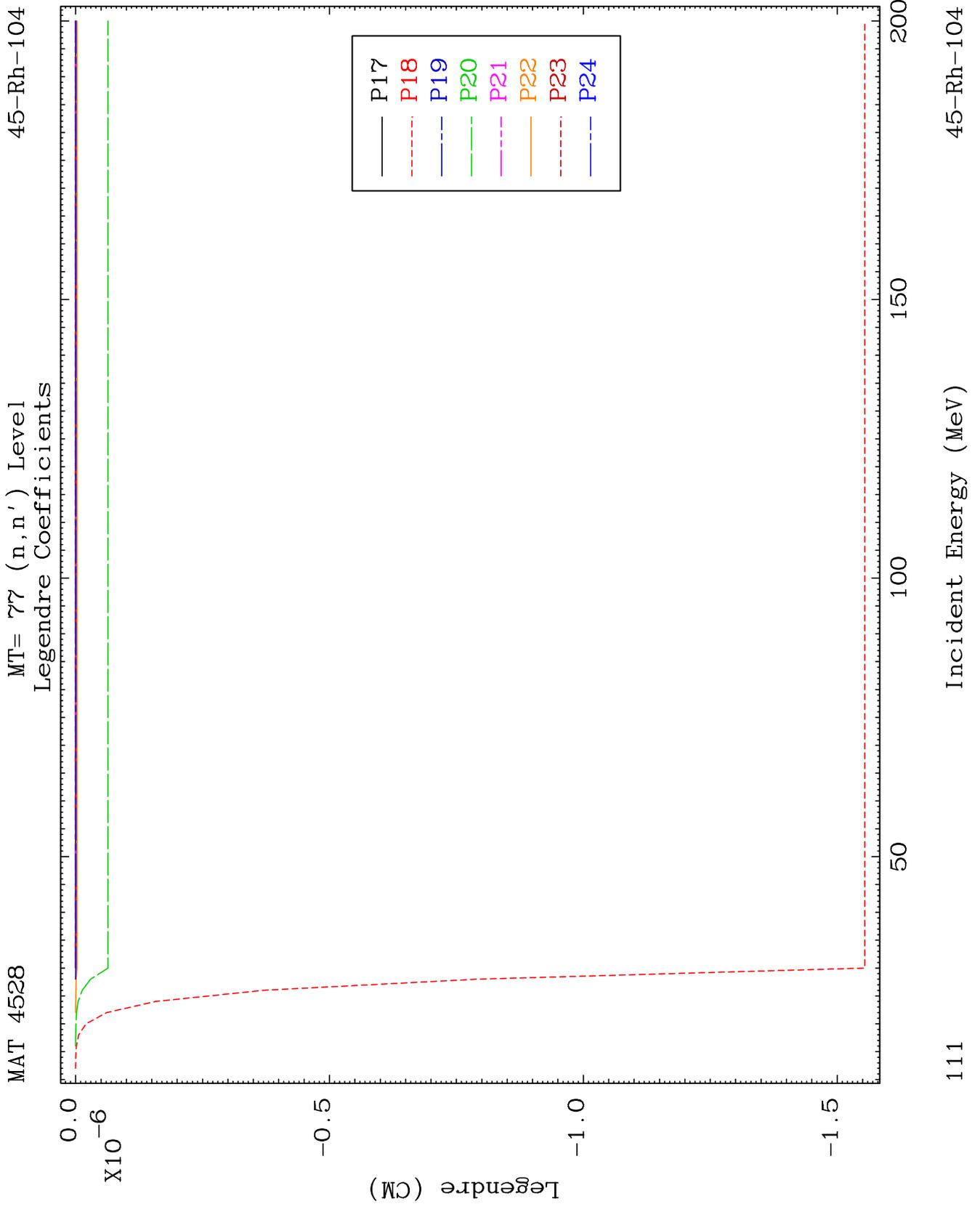
MAT 4528

MT= 77 (n,n') Level

45-Rh-104

Legendre Coefficients



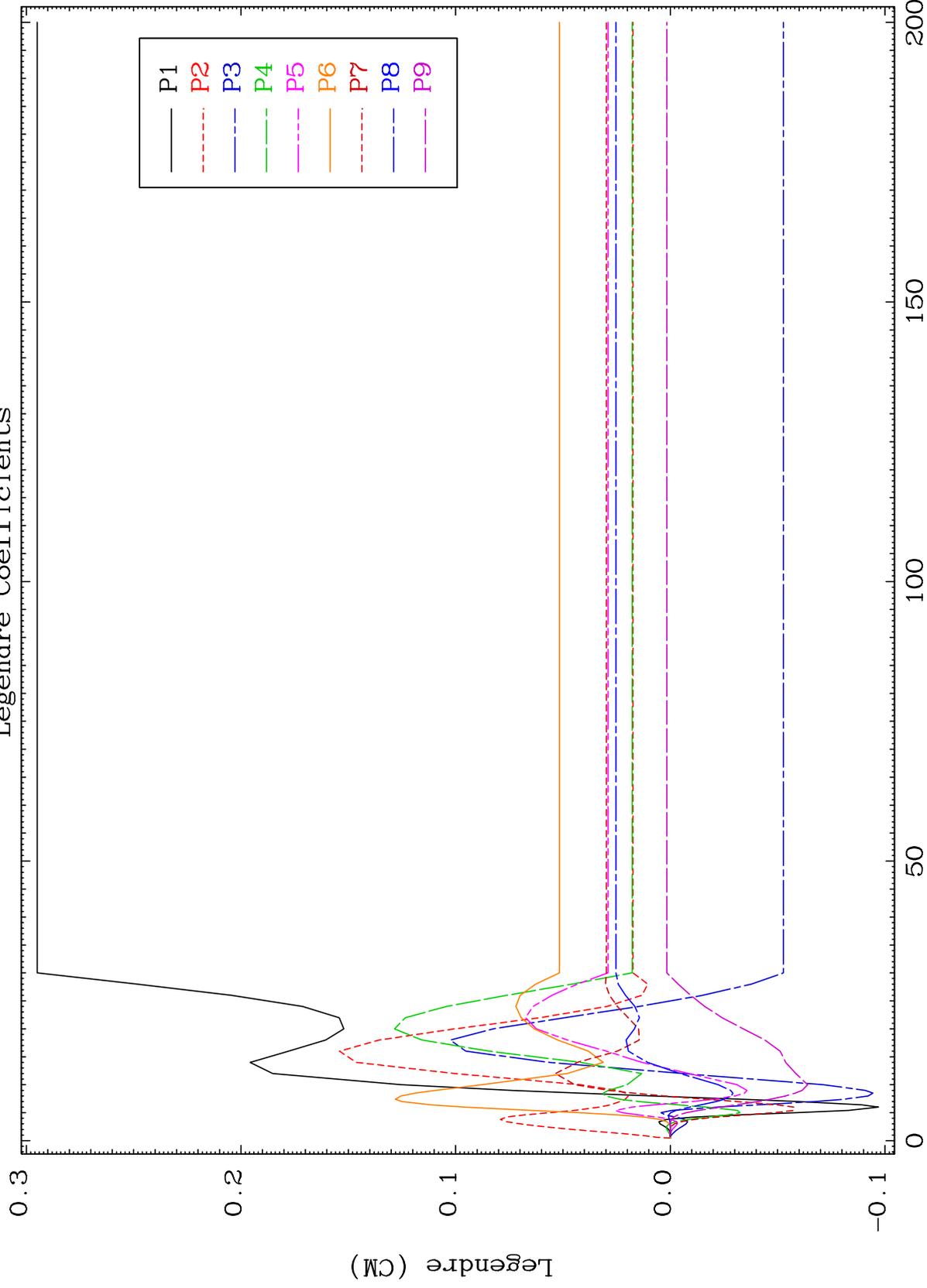


MAT 4528

MT= 78 (n,n') Level

45-Rh-104

Legendre Coefficients



112

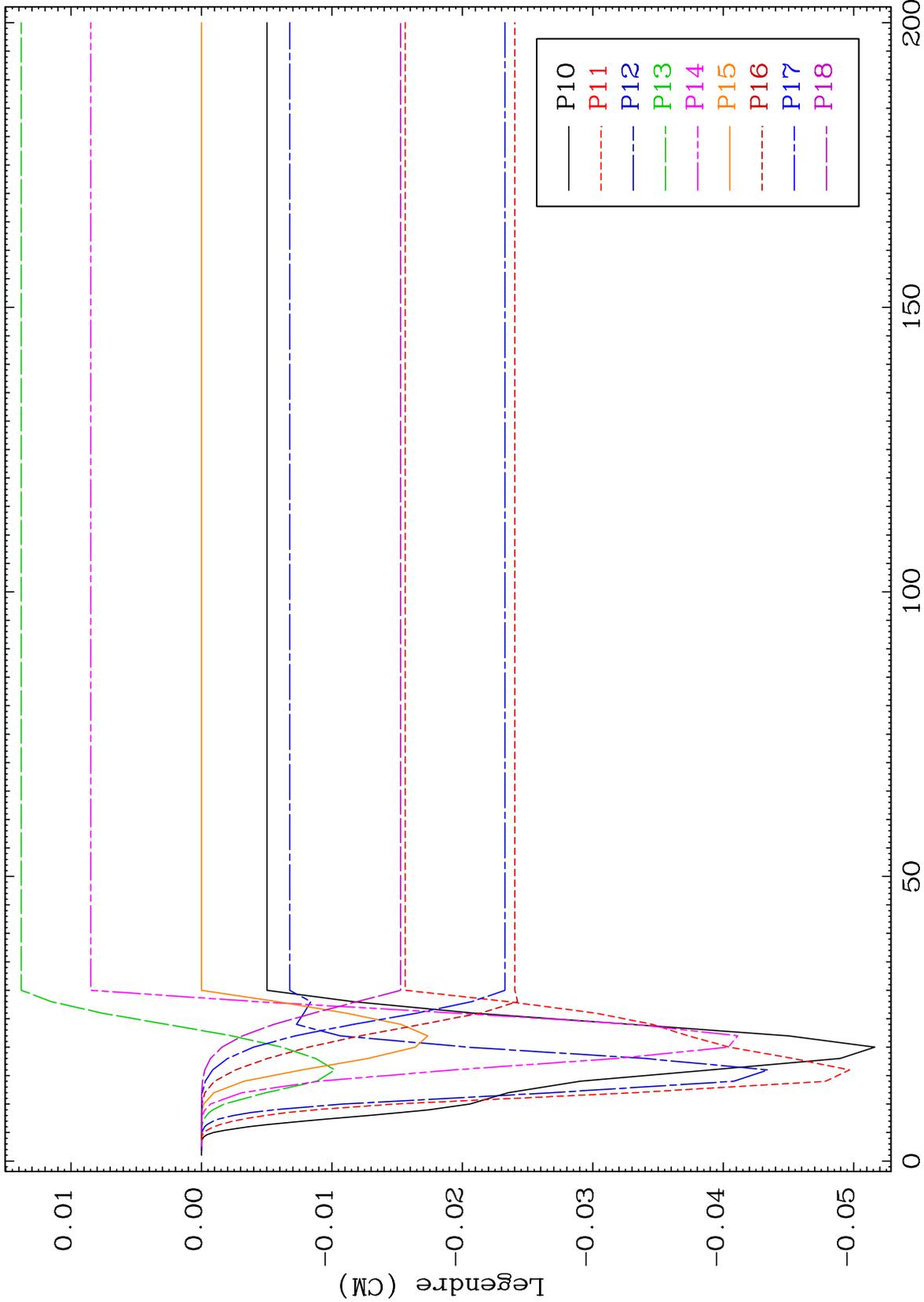
Incident Energy (MeV)

45-Rh-104

MAT 4528

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

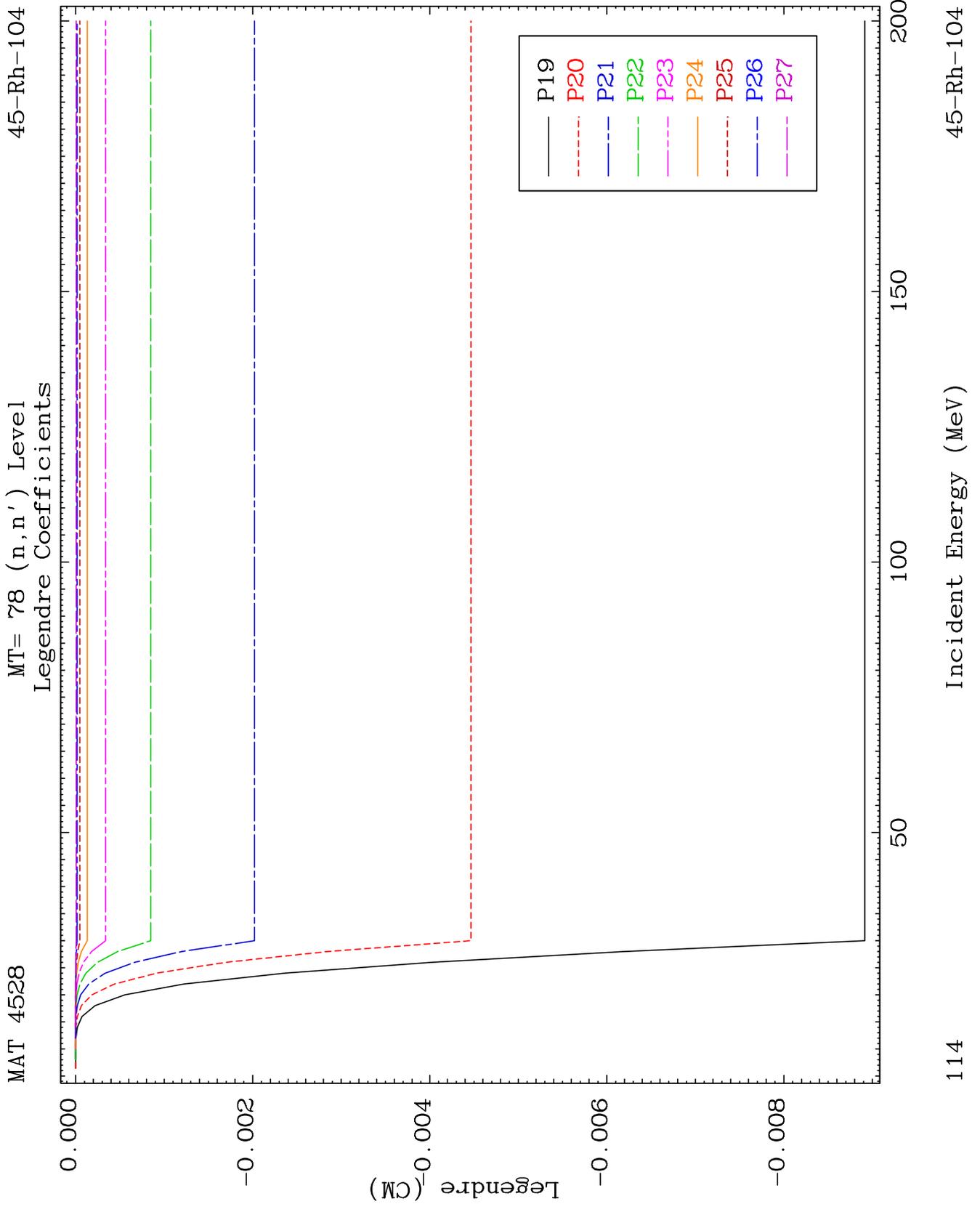
45-Rh-104

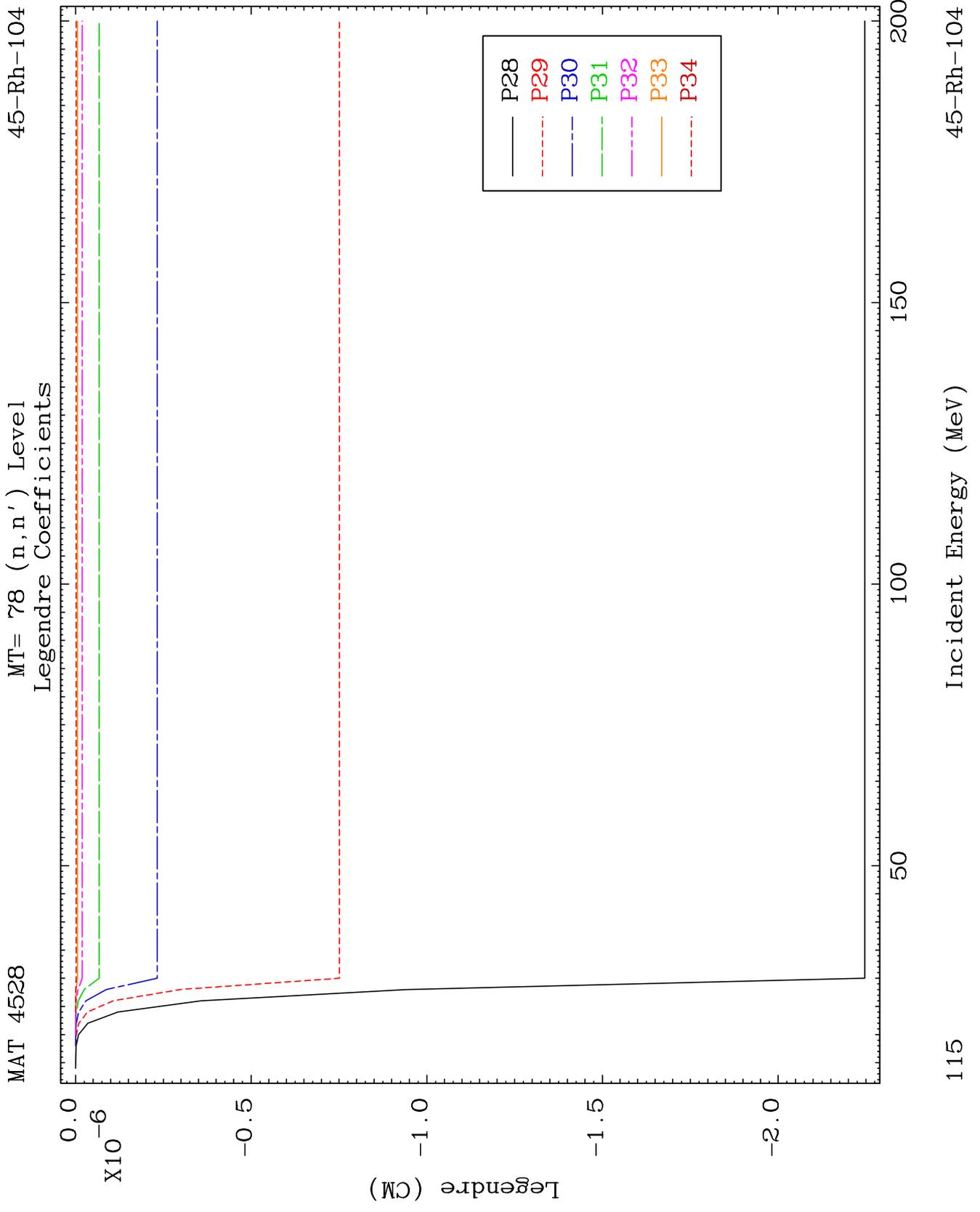


113

Incident Energy (MeV)

45-Rh-104

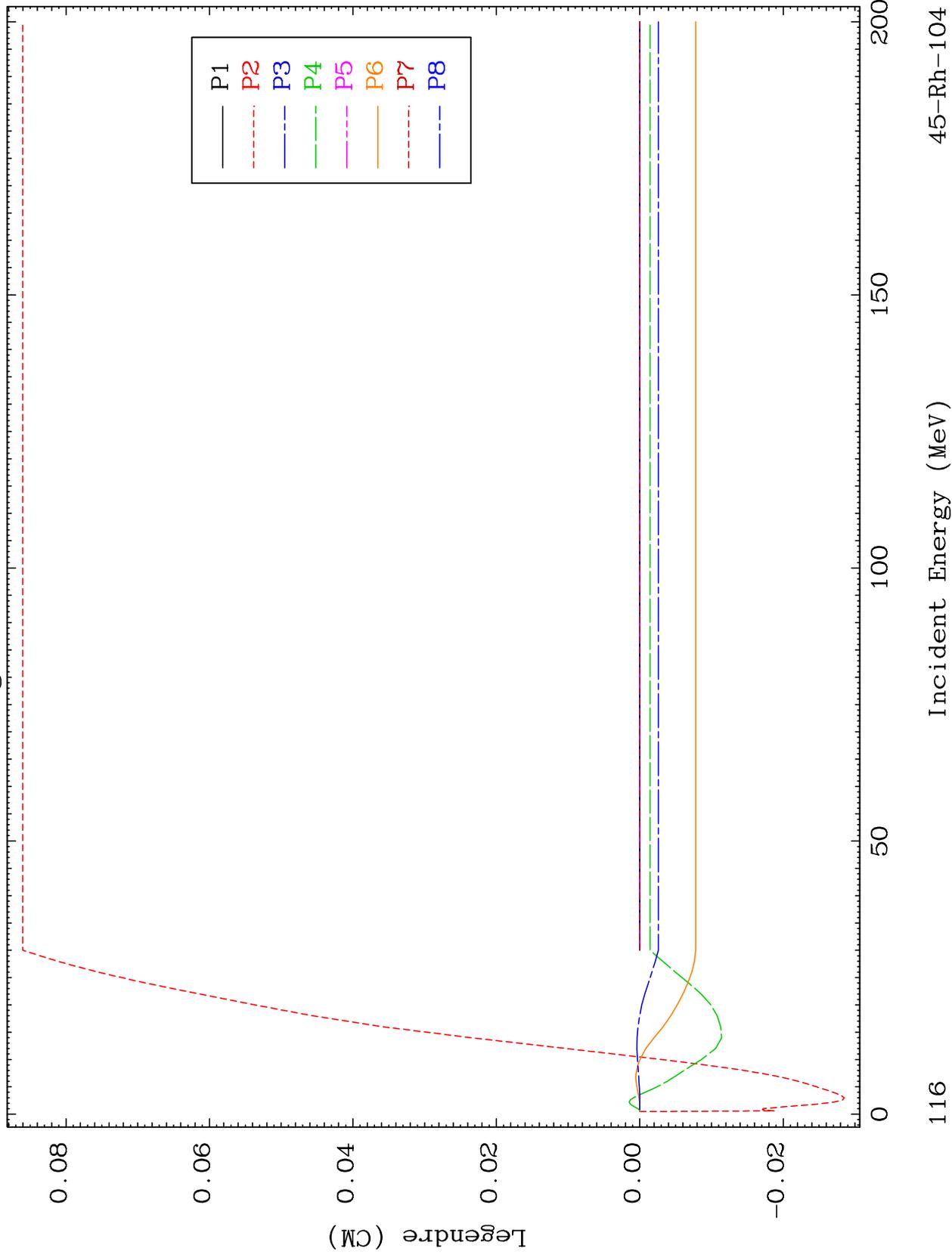




MAT 4528

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

45-Rh-104



45-Rh-104

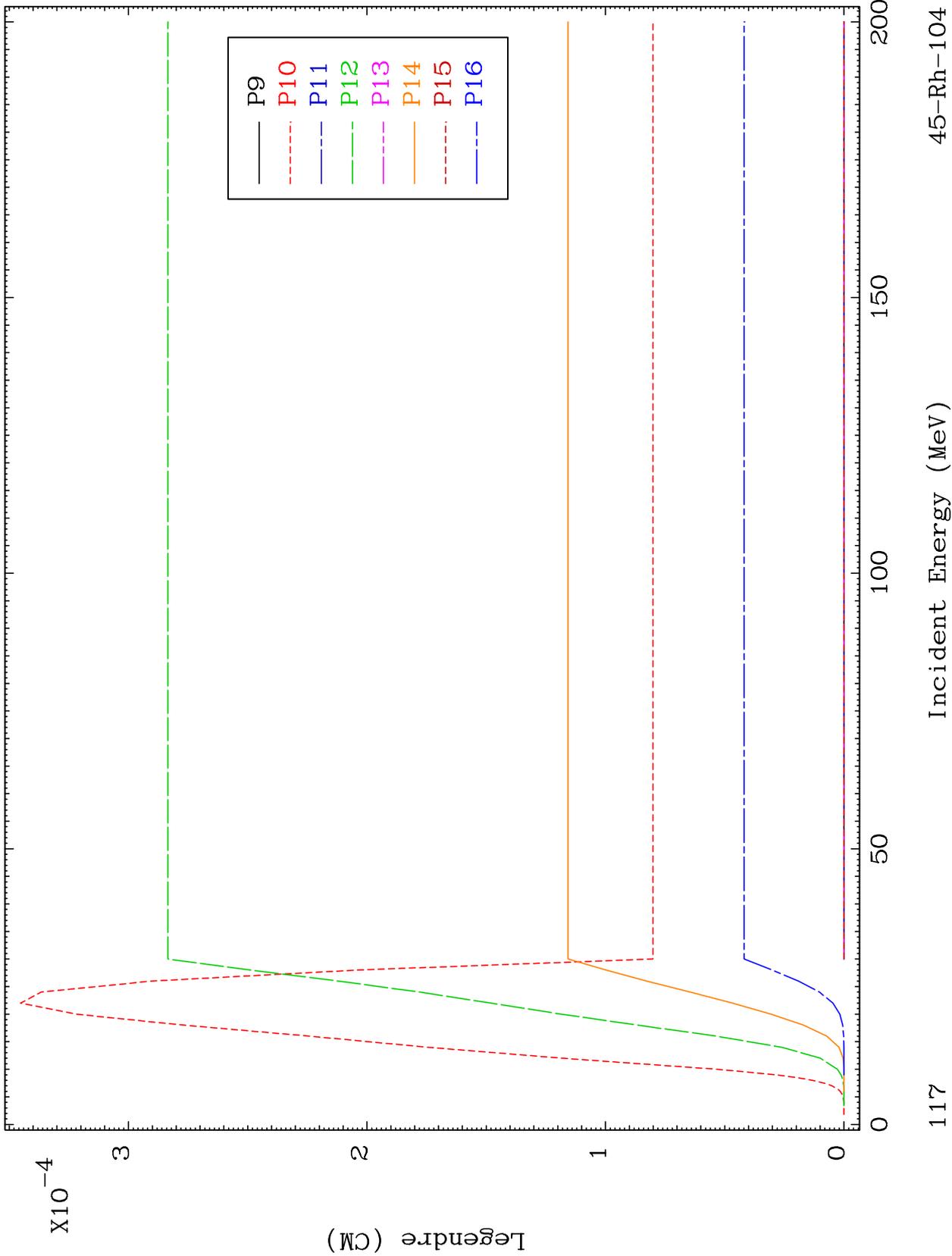
Incident Energy (MeV)

116

MAT 4528

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

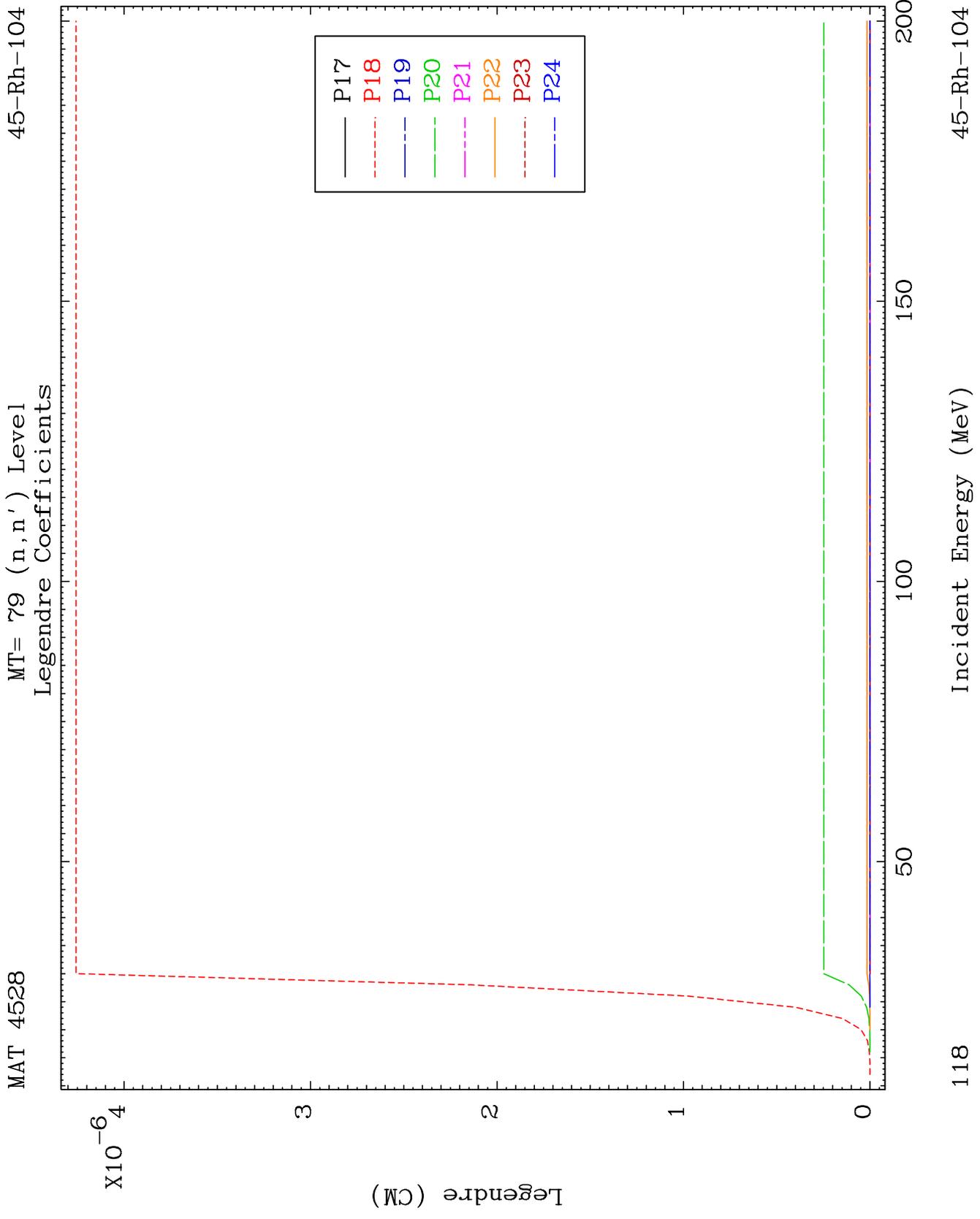
45-Rh-104

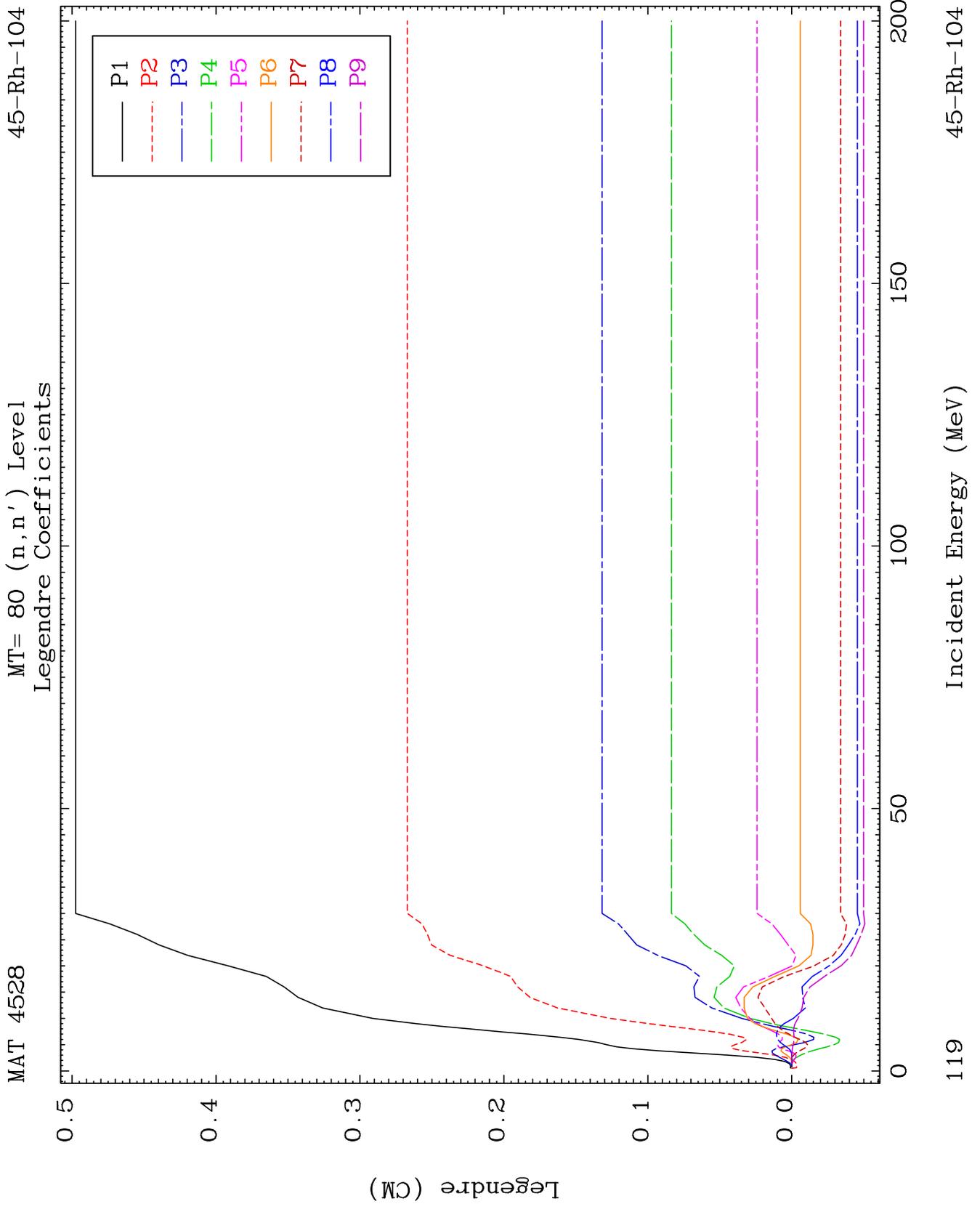


117

Incident Energy (MeV)

45-Rh-104

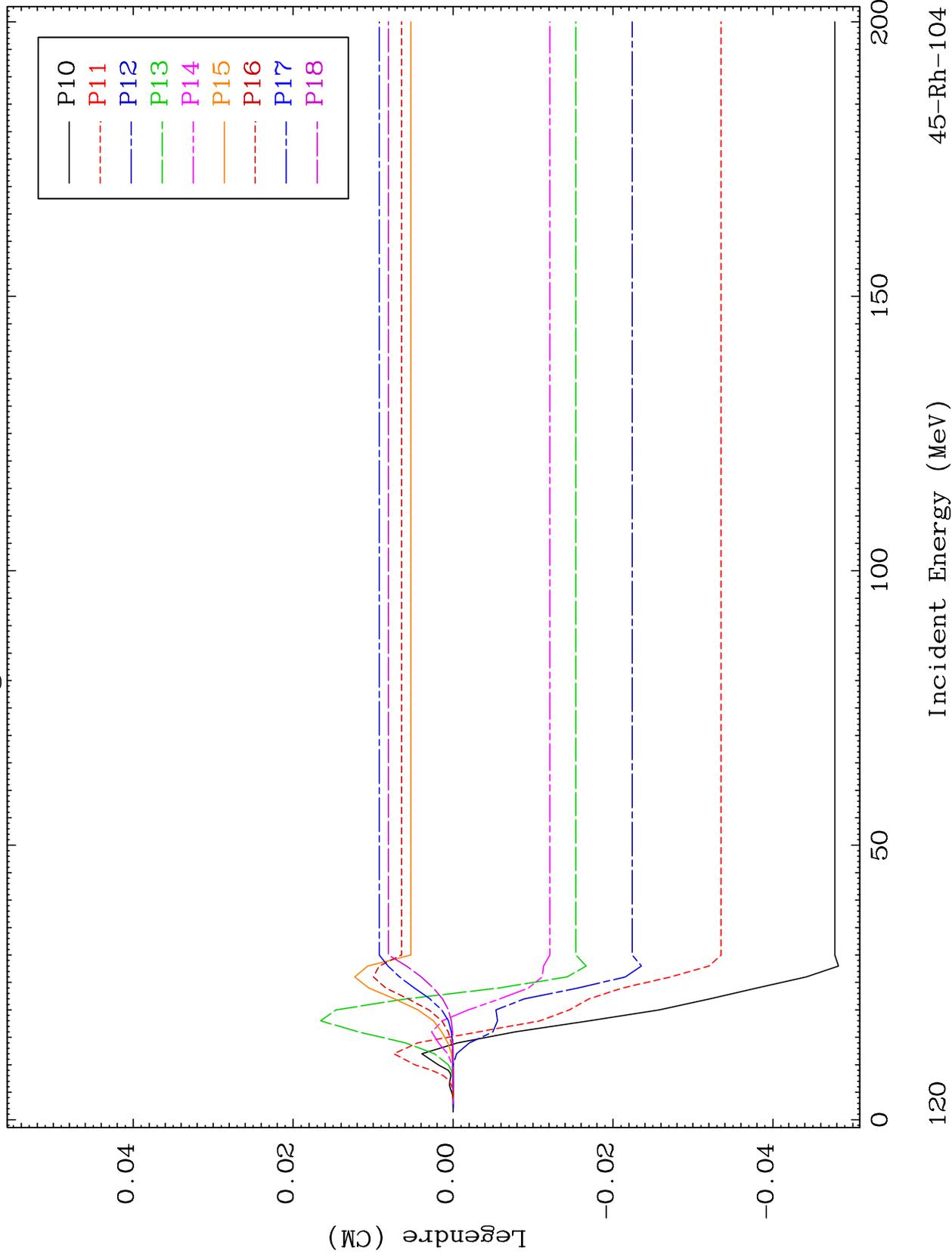


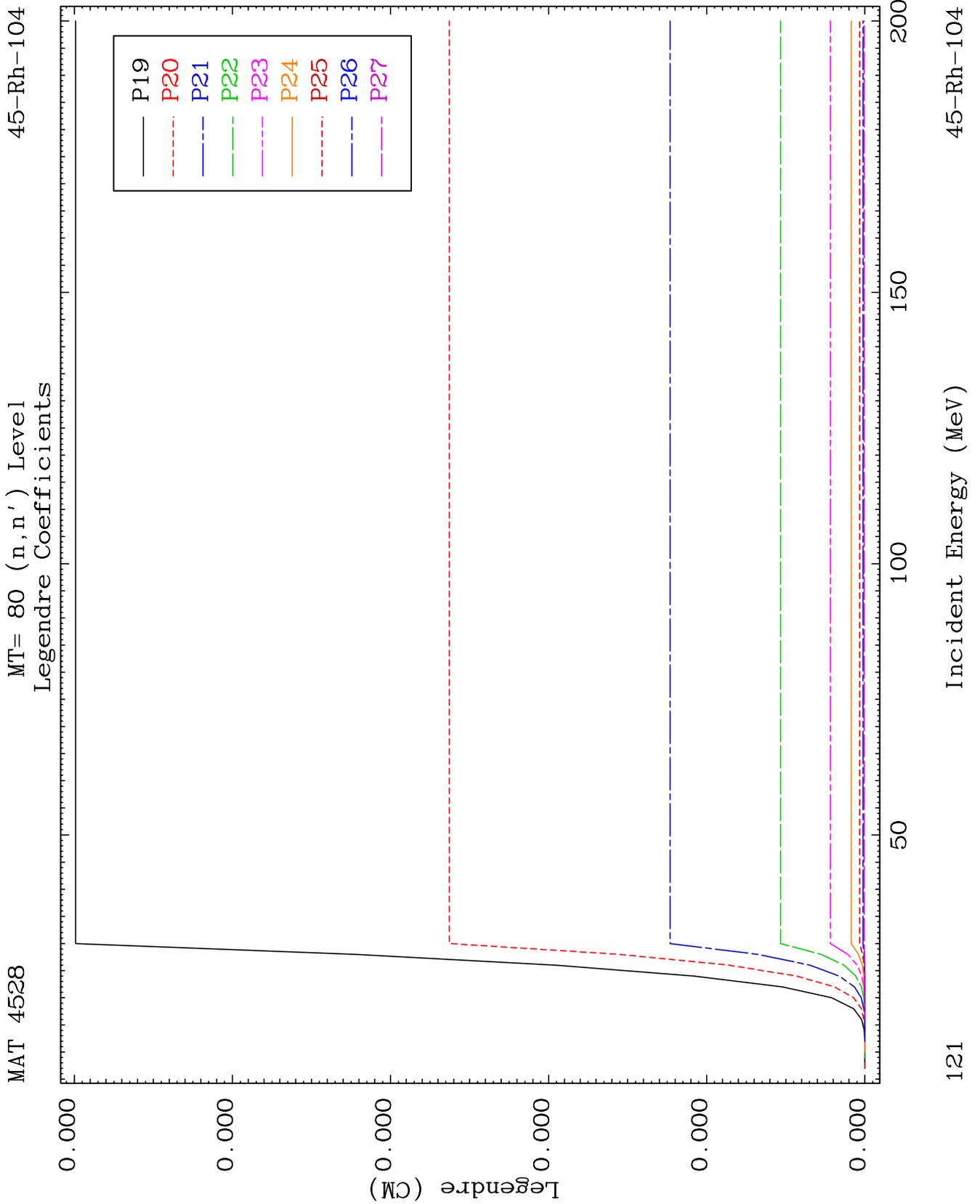


MAT 4528

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-104

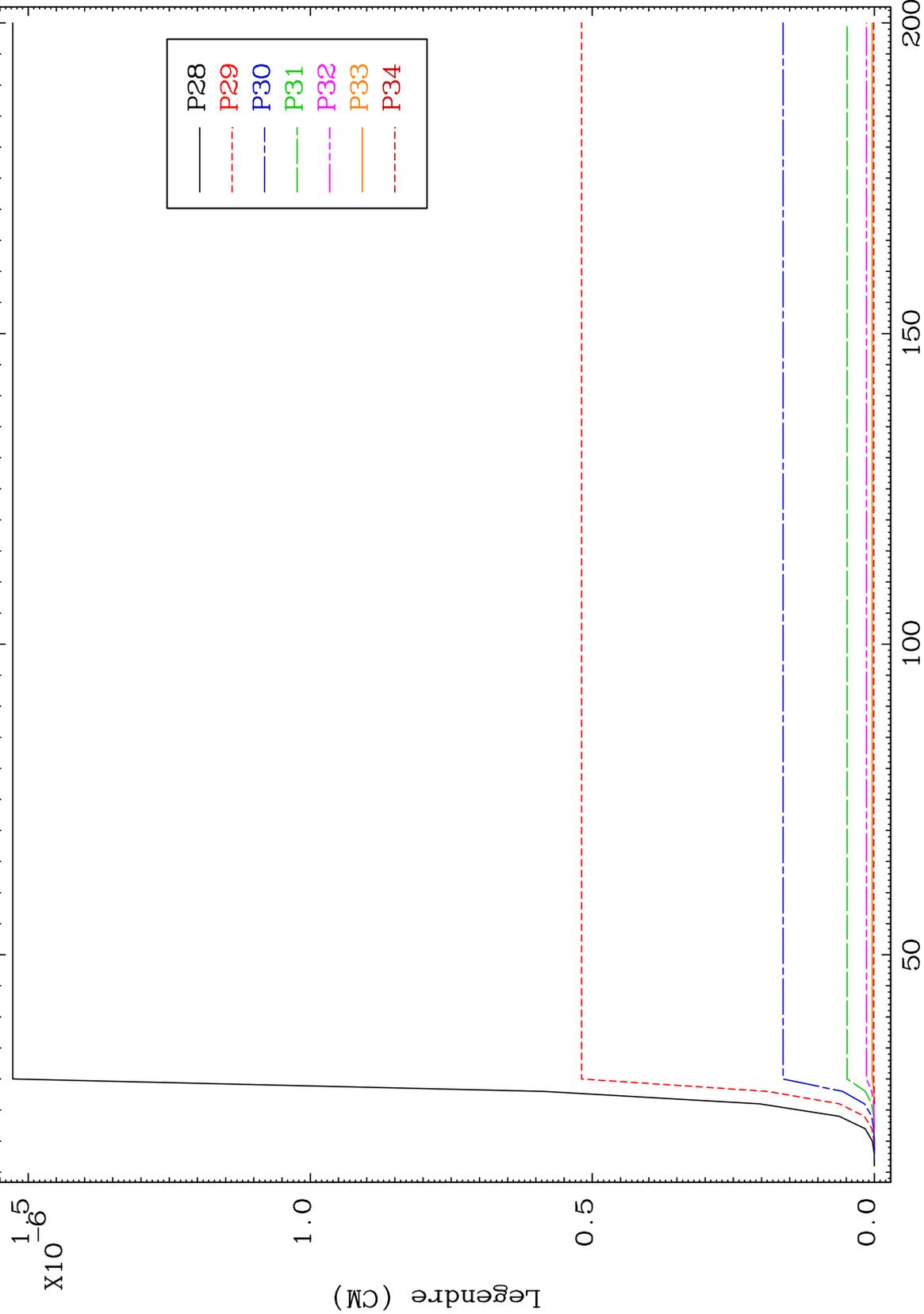




MAT 4528

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-104



122

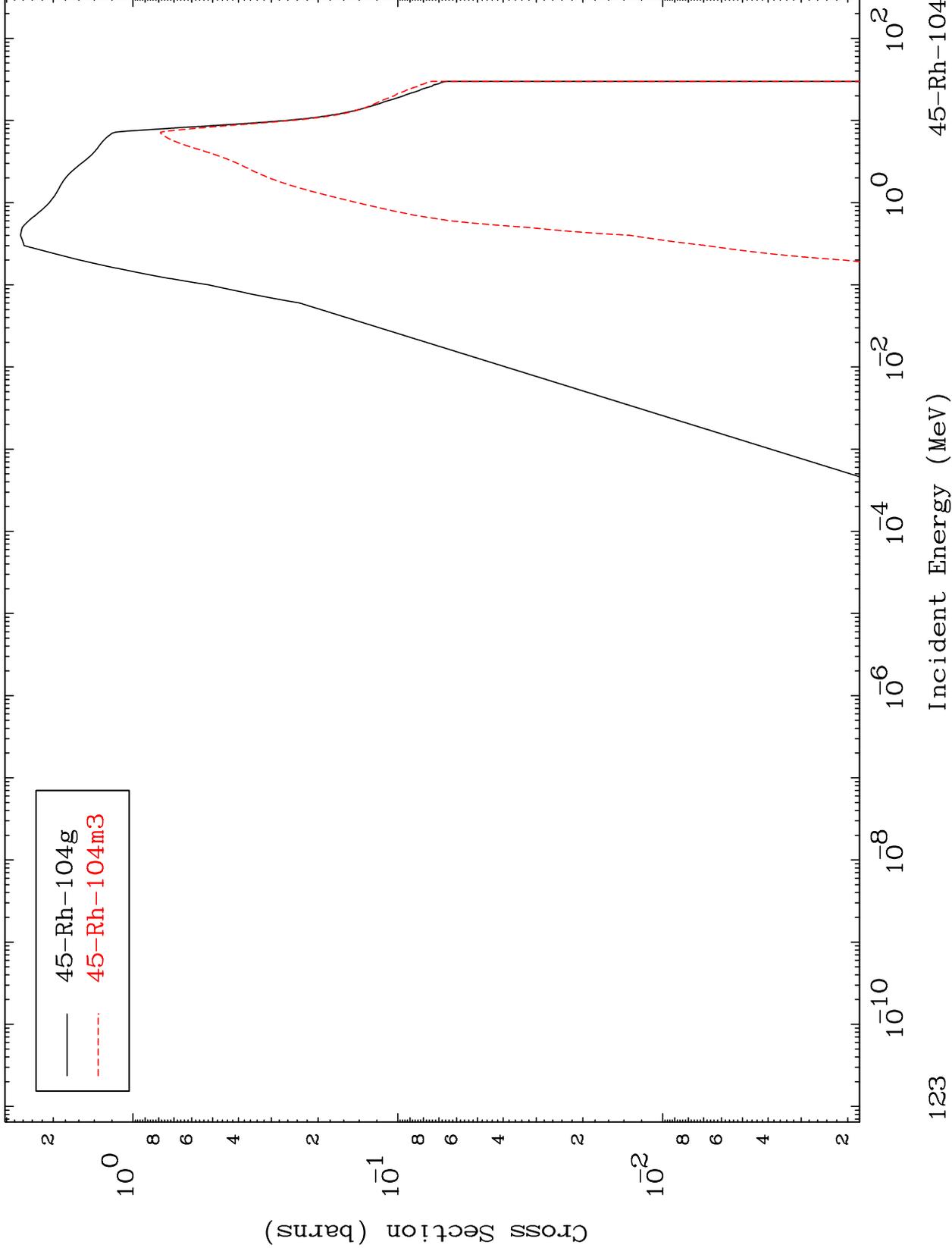
Incident Energy (MeV)

45-Rh-104

MAT 4528

Inelastic  
Radionuclide Production Cross Section

45-Rh-104

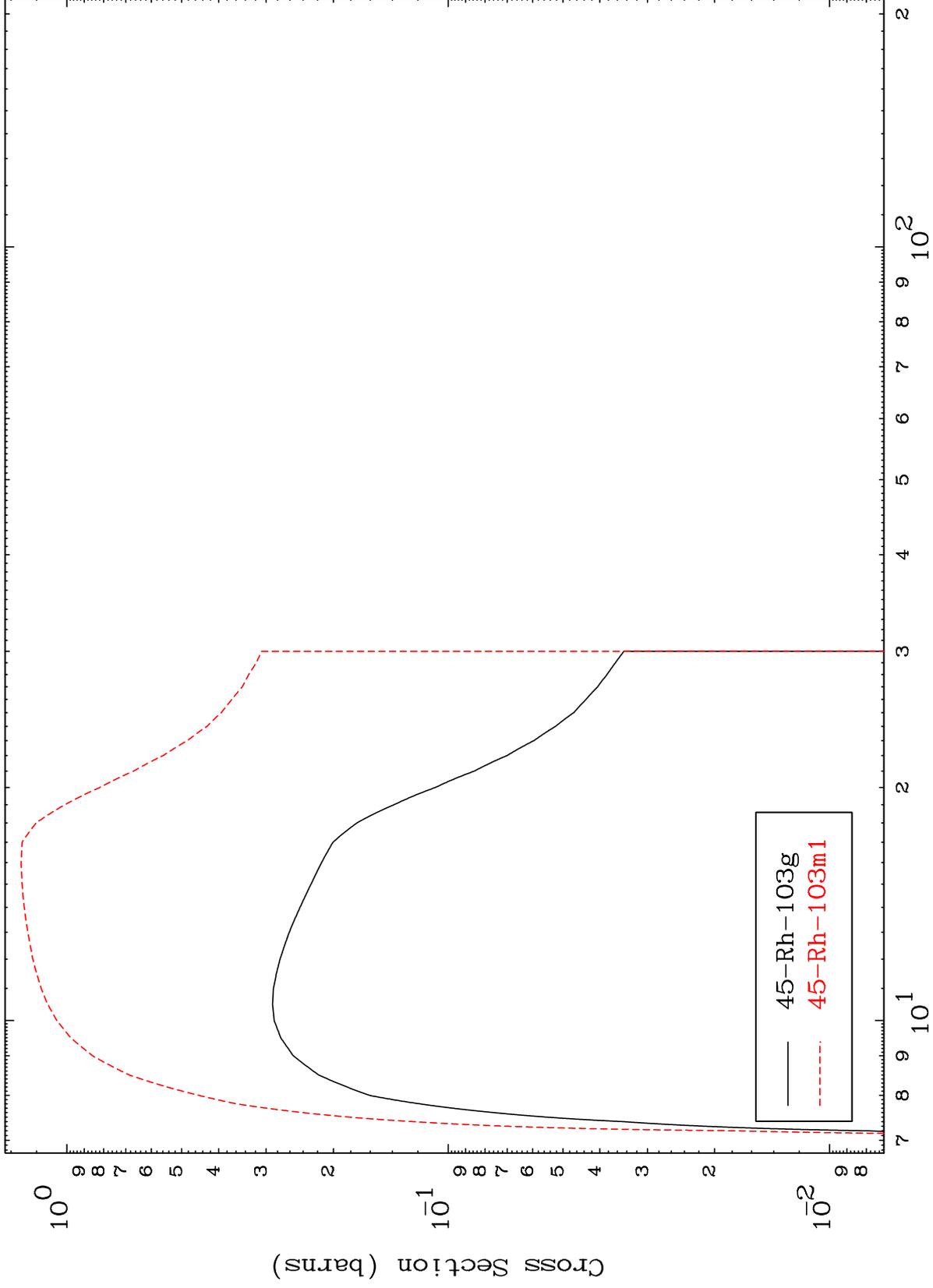


45-Rh-104

MAT 4528

45-Rh-104

(n,2n)  
Radionuclide Production Cross Section



124

Incident Energy (MeV)

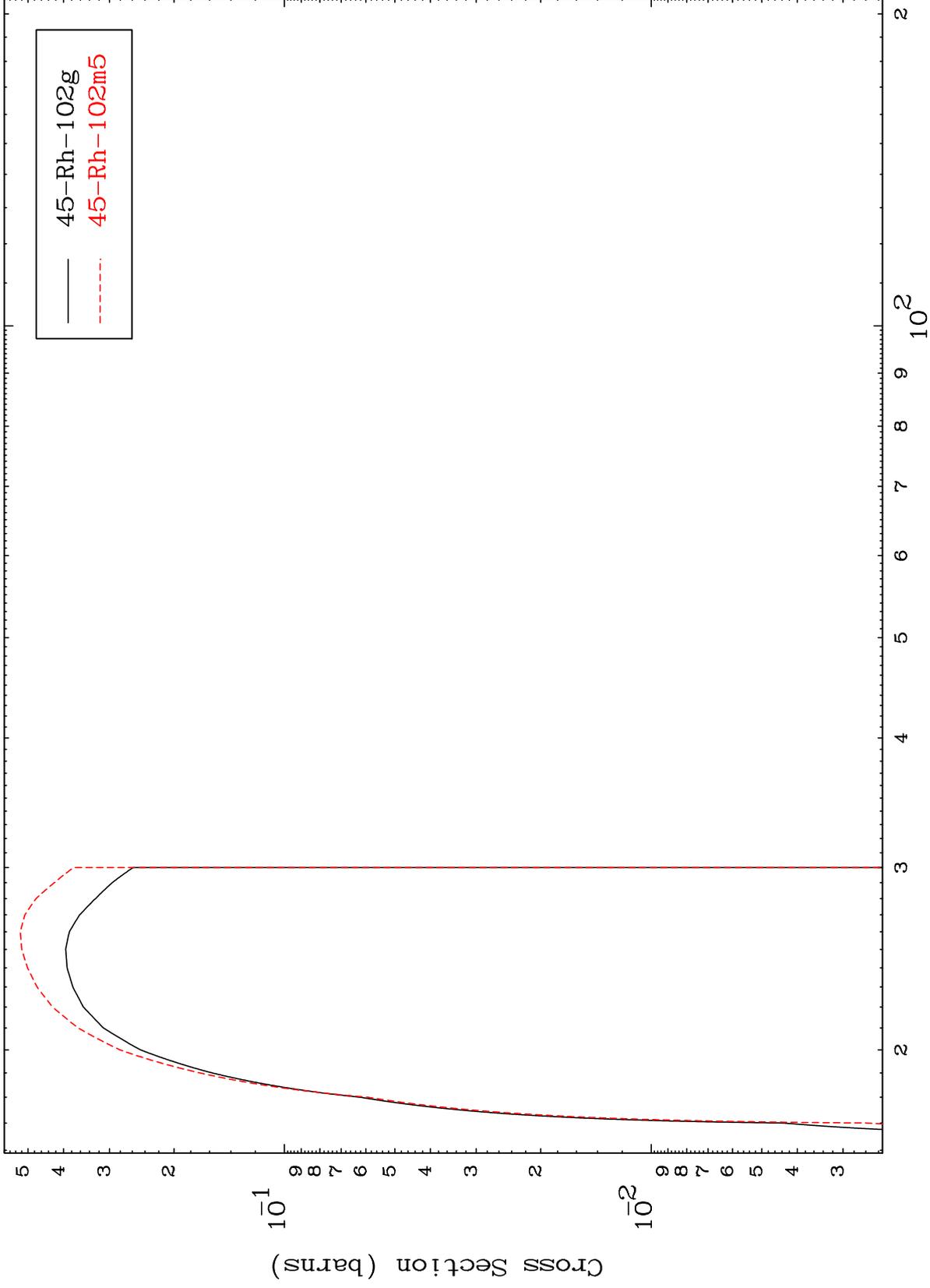
45-Rh-104

MAT 4528

(n,3n)

45-Rh-104

Radionuclide Production Cross Section



125

Incident Energy (MeV)

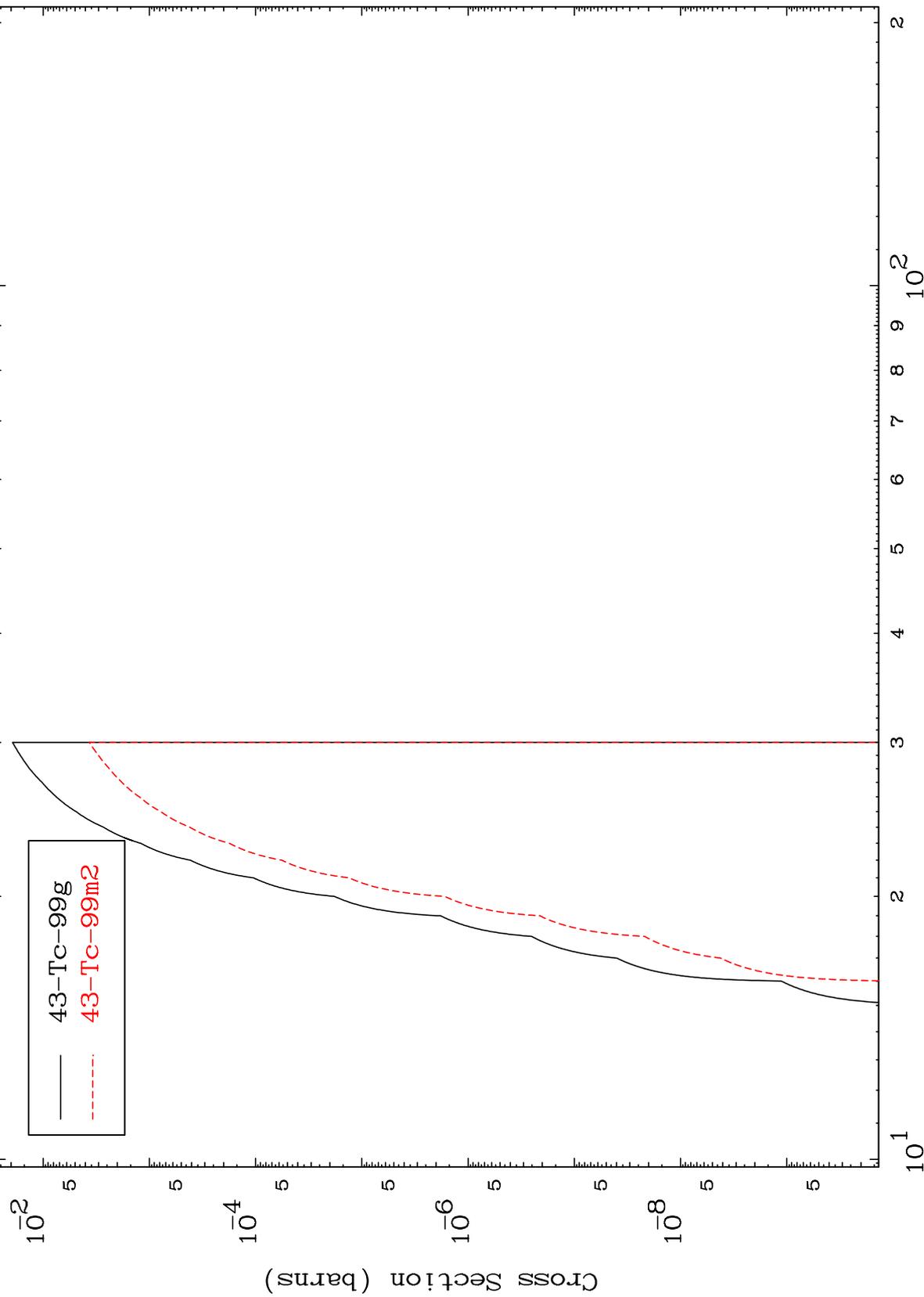
45-Rh-104

MAT 4528

(n,2n)  $\alpha$

45-Rh-104

Radionuclide Production Cross Section



Incident Energy (MeV)

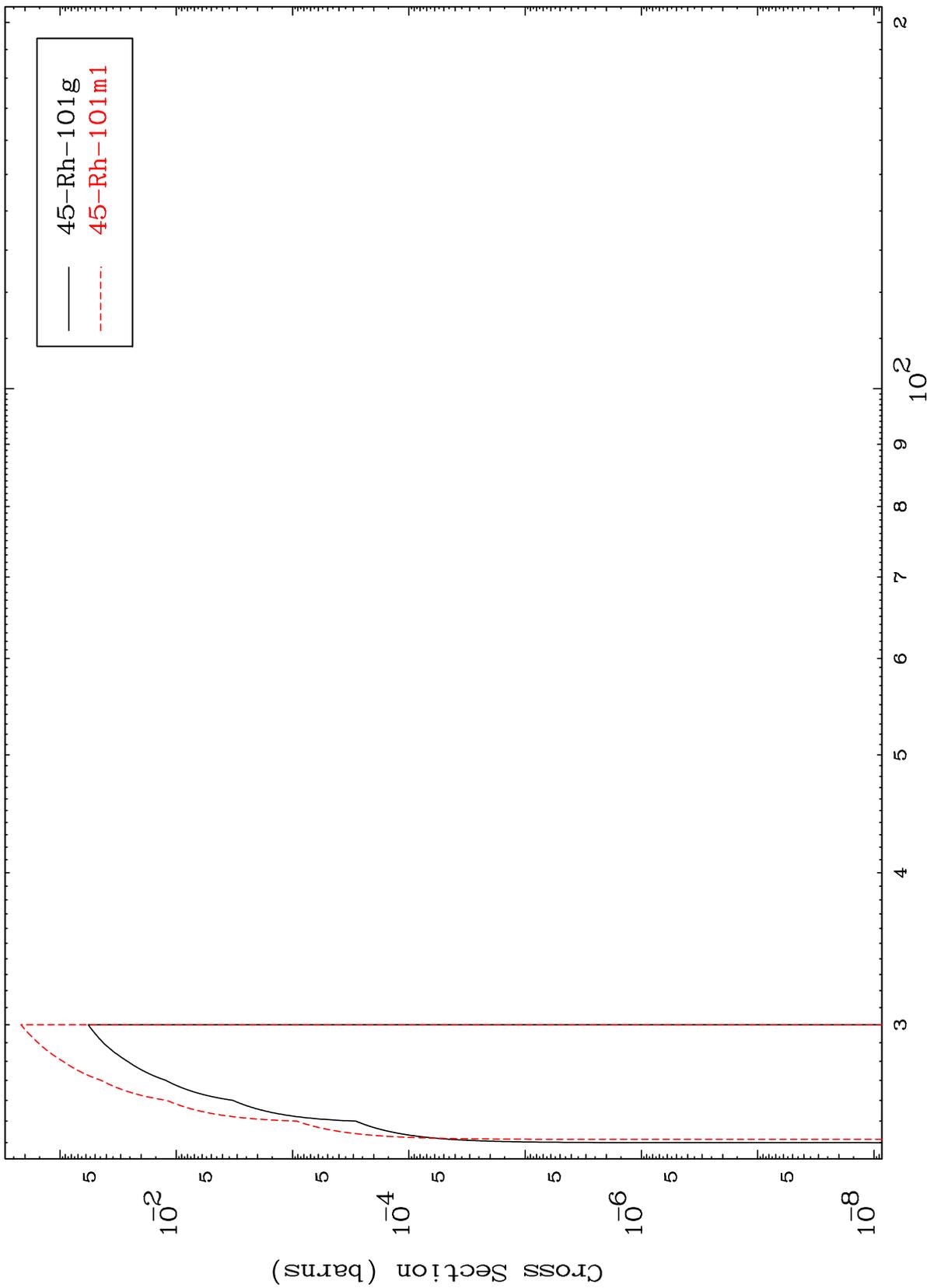
45-Rh-104

126

MAT 4528

45-Rh-104

(n,4n)  
Radionuclide Production Cross Section



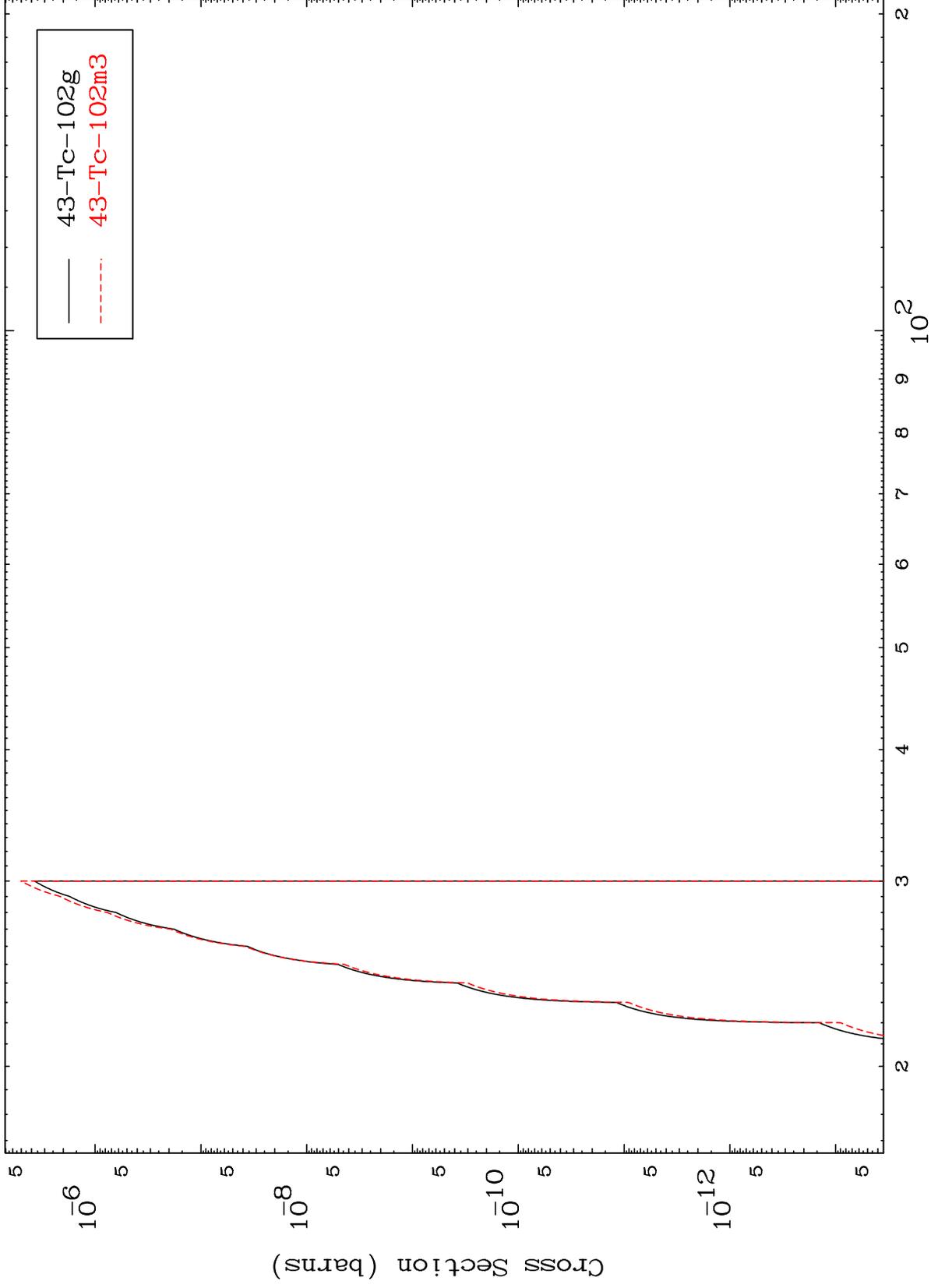
45-Rh-101 g  
45-Rh-101 m1

127

45-Rh-104

Incident Energy (MeV)

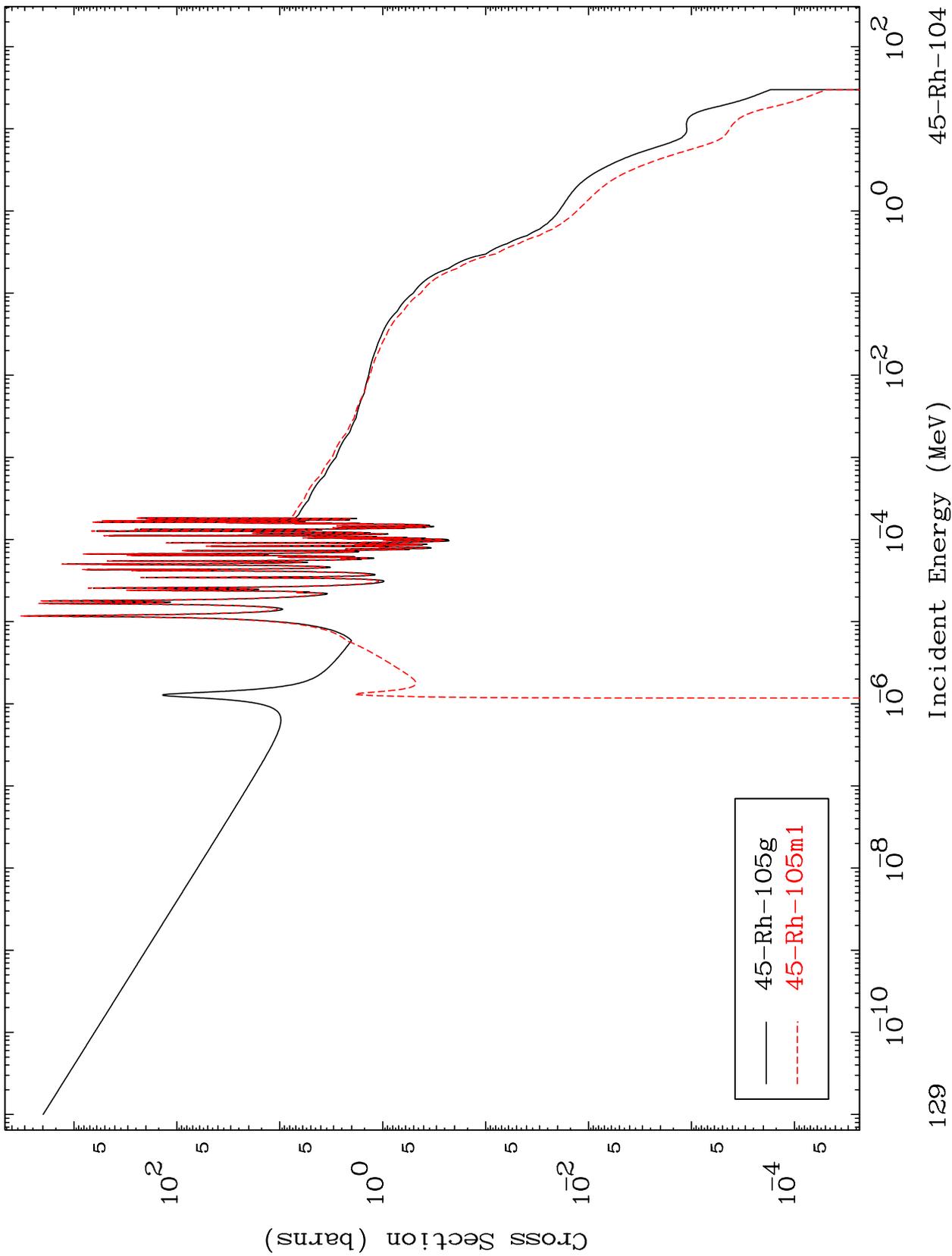
Radionuclide Production Cross Section



MAT 4528

45-Rh-104

(n,  $\gamma$ )  
Radionuclide Production Cross Section



129

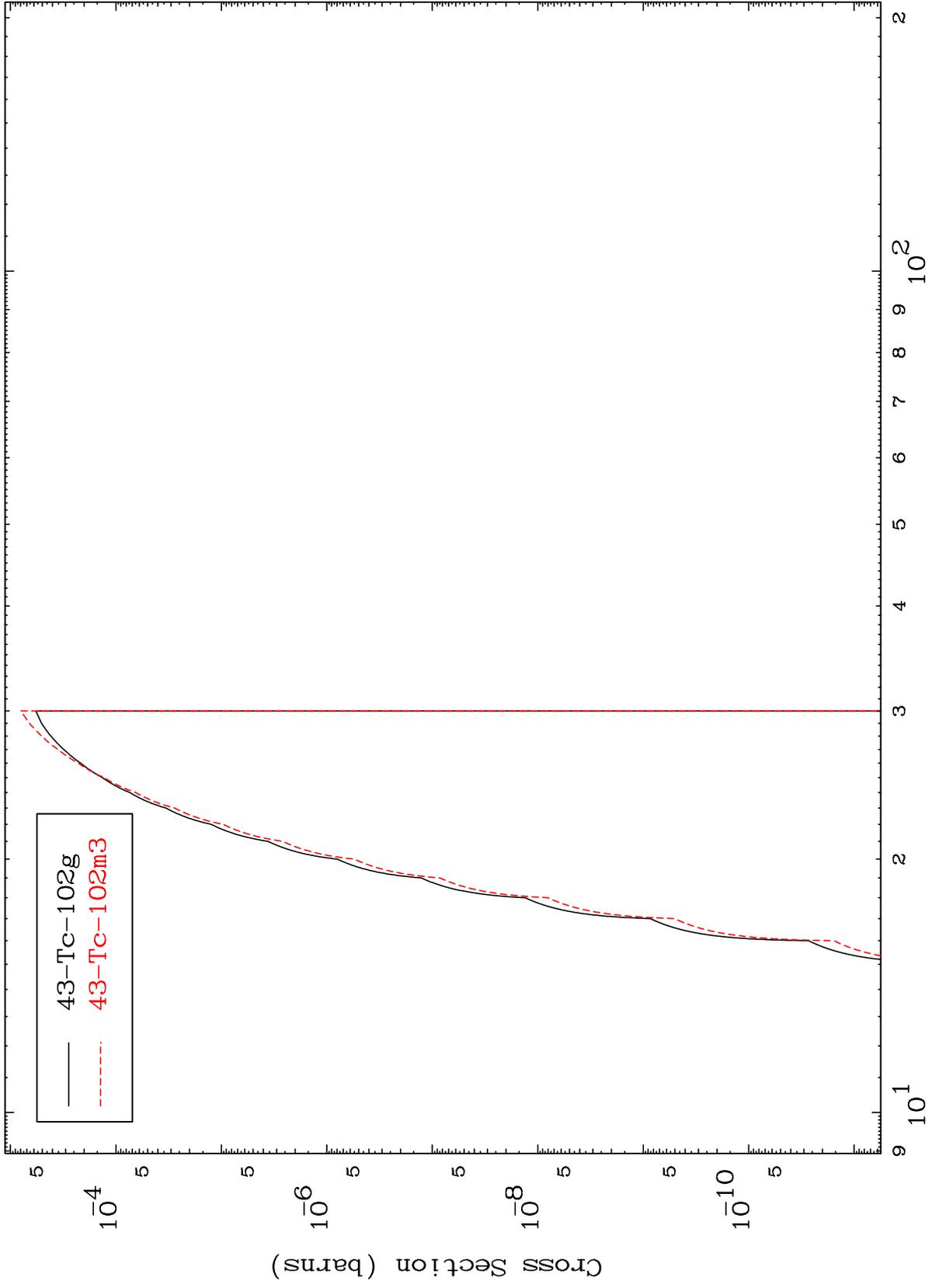
45-Rh-104

MAT 4528

(n,He-3)

45-Rh-104

Radionuclide Production Cross Section



130

Incident Energy (MeV)

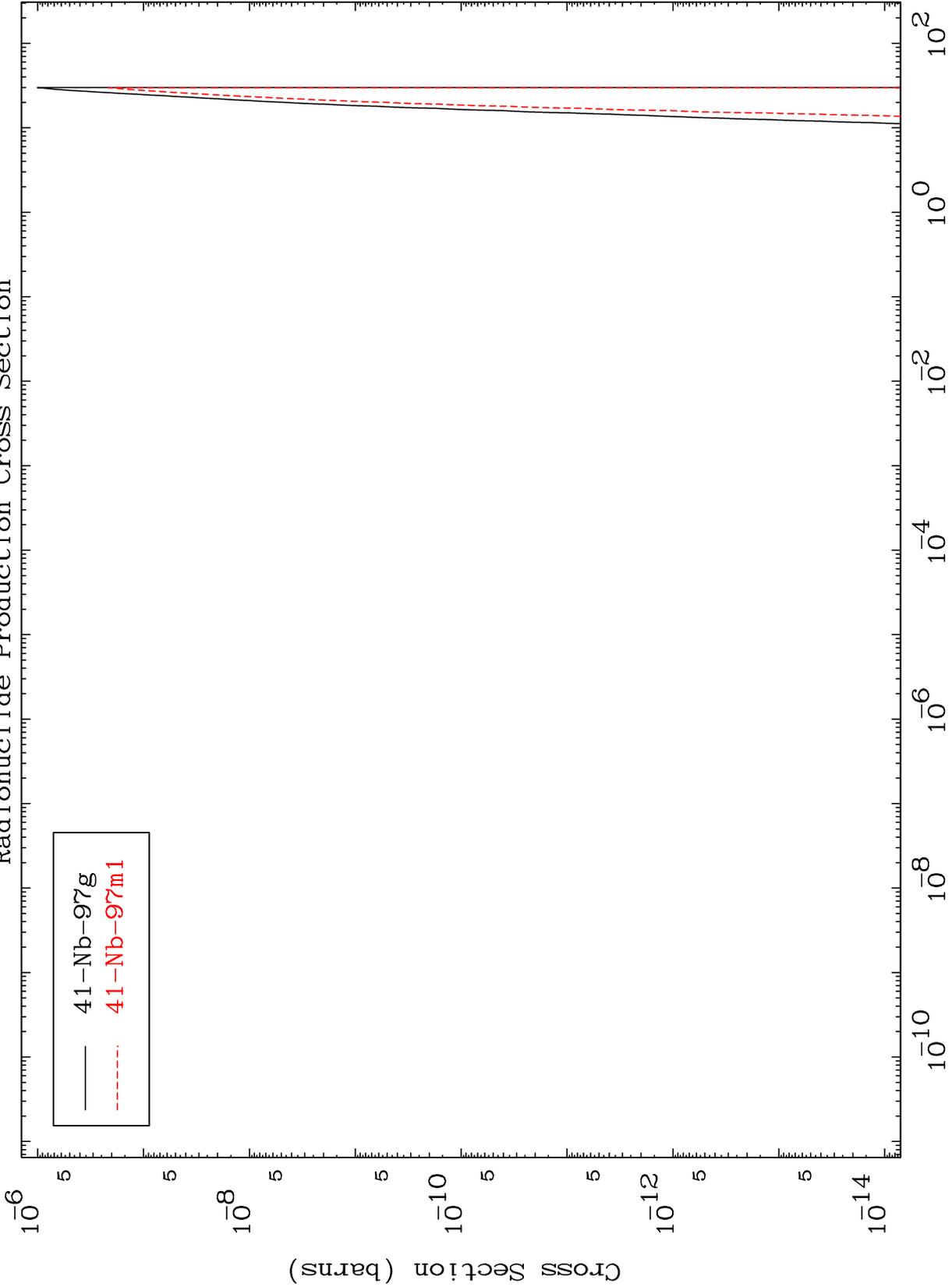
45-Rh-104

MAT 4528

(n,2α)

45-Rh-104

Radionuclide Production Cross Section



41-Nb-97g  
41-Nb-97m1

131

Incident Energy (MeV)

45-Rh-104

Radionuclide Production Cross Section

