

Program EVALPLOT  
(Version 2021-1)

by

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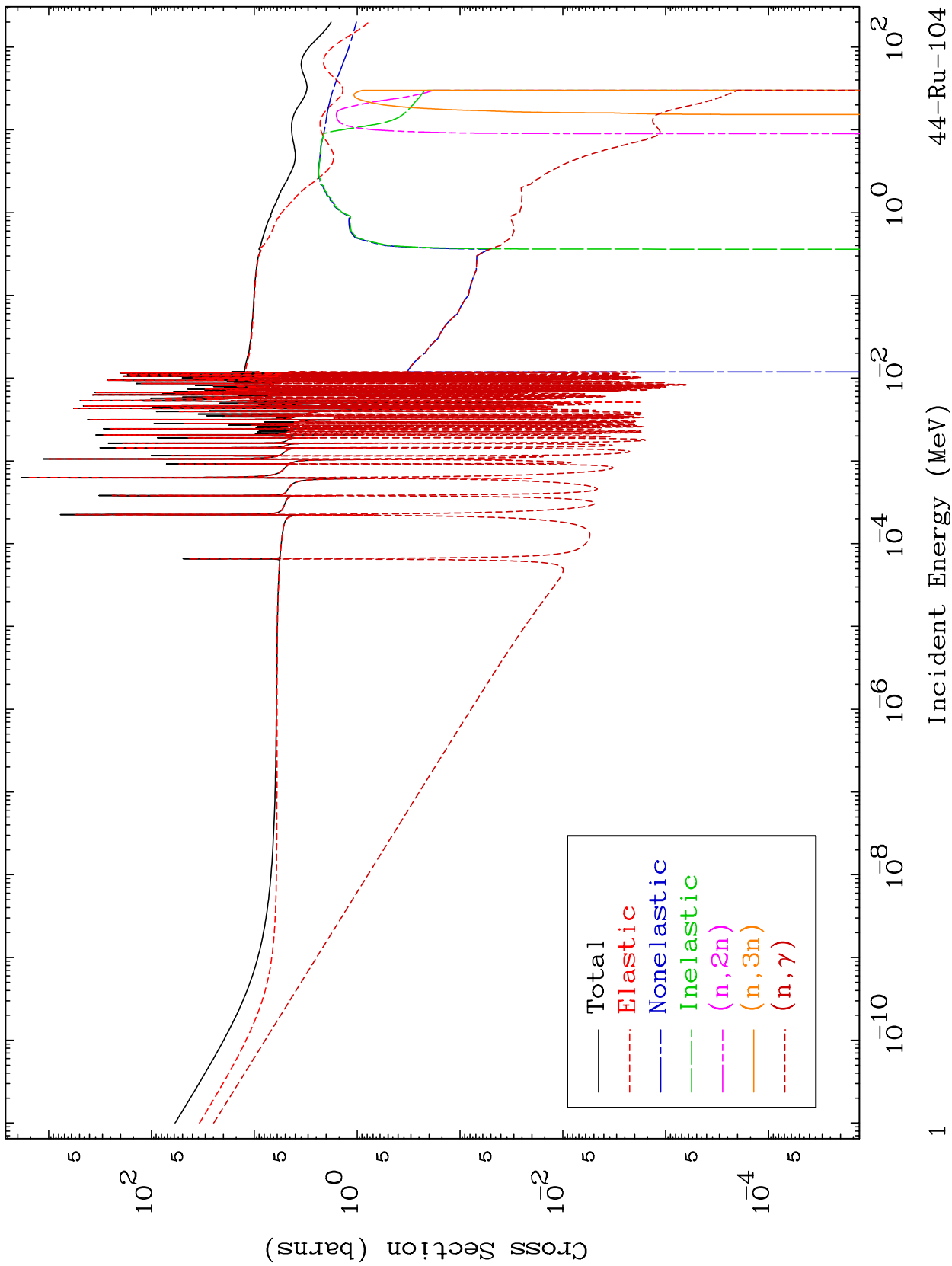
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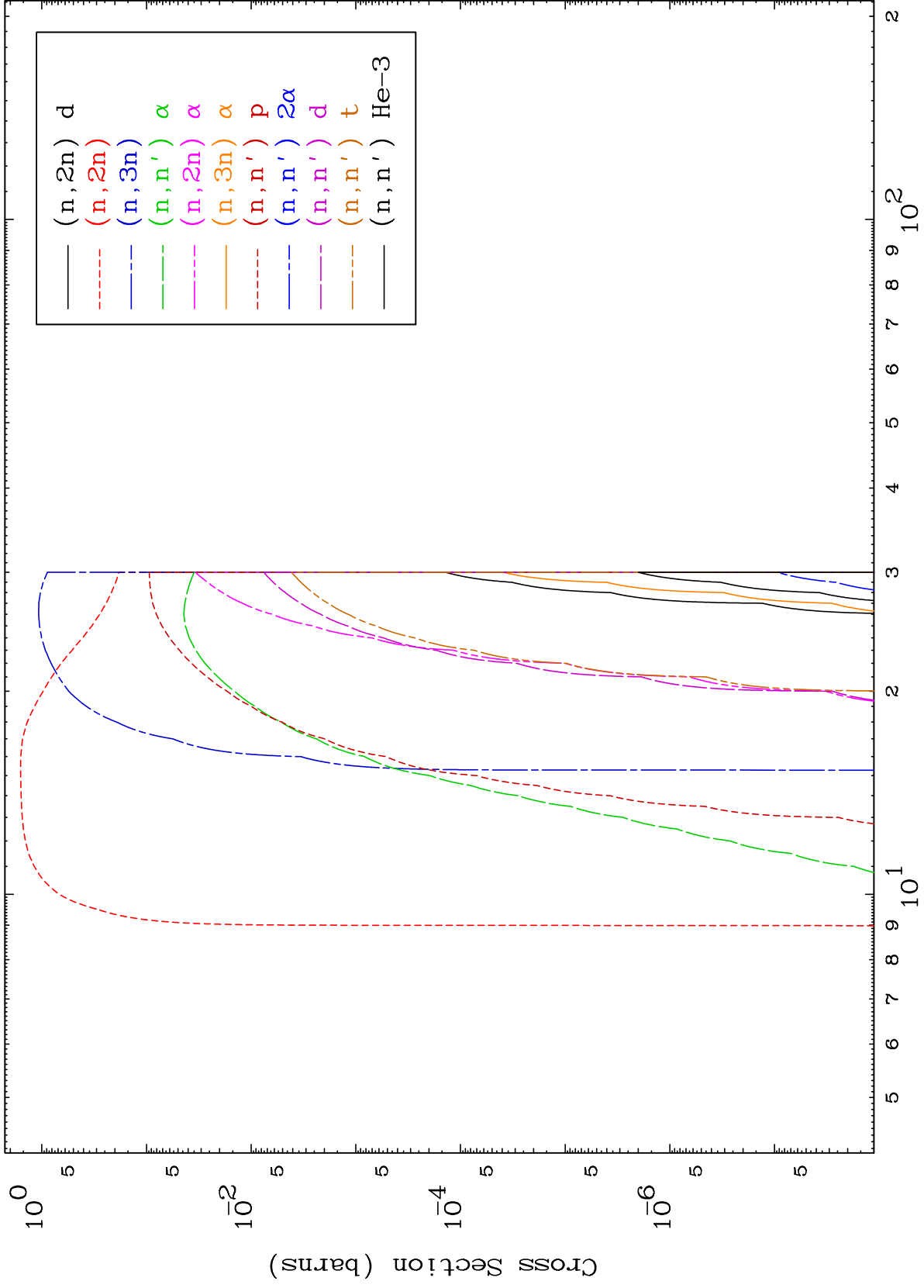
Press Mouse Button to Start

MAT 4449

Neutron Major  
293 Kelvin Cross Sections

44-Ru-104

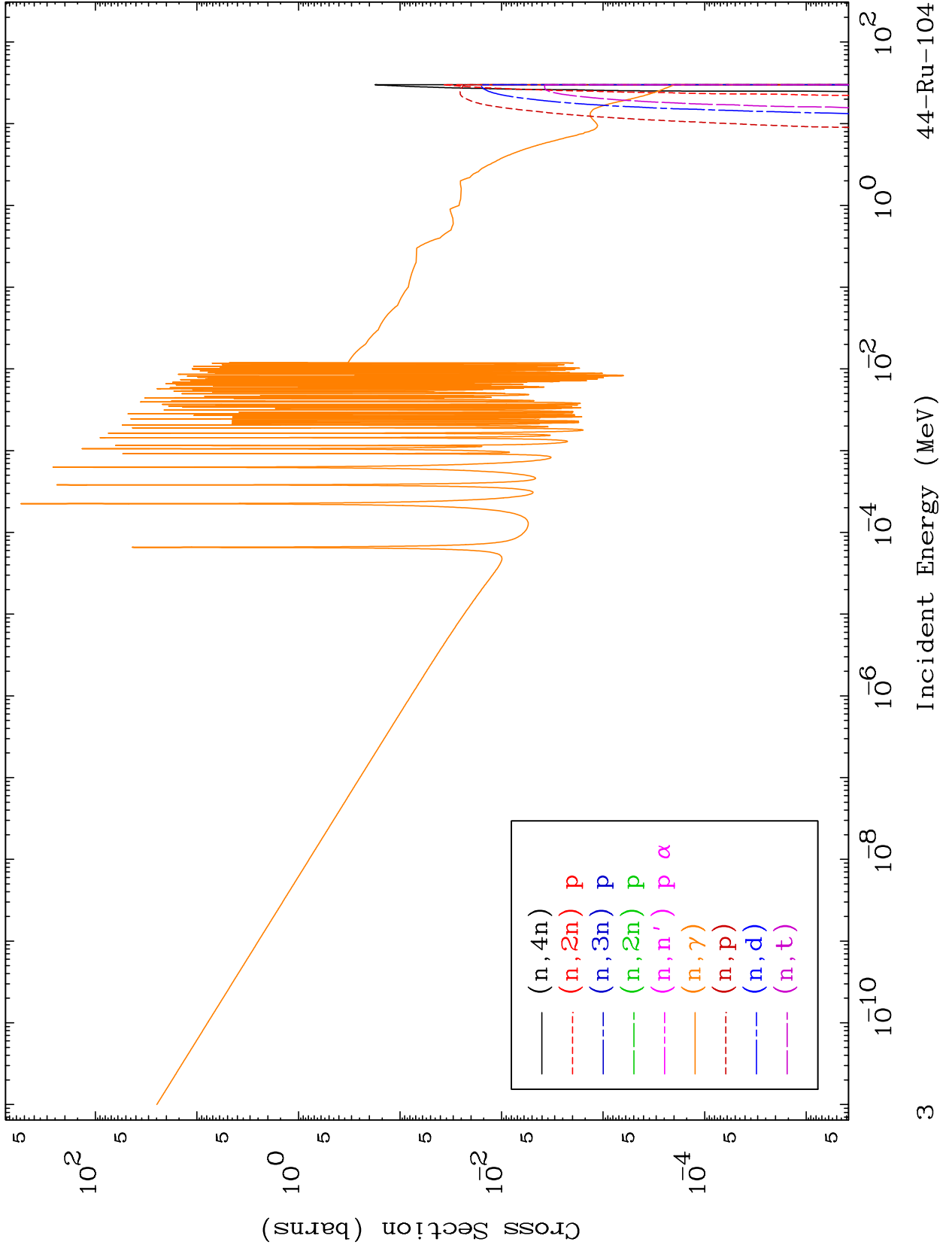


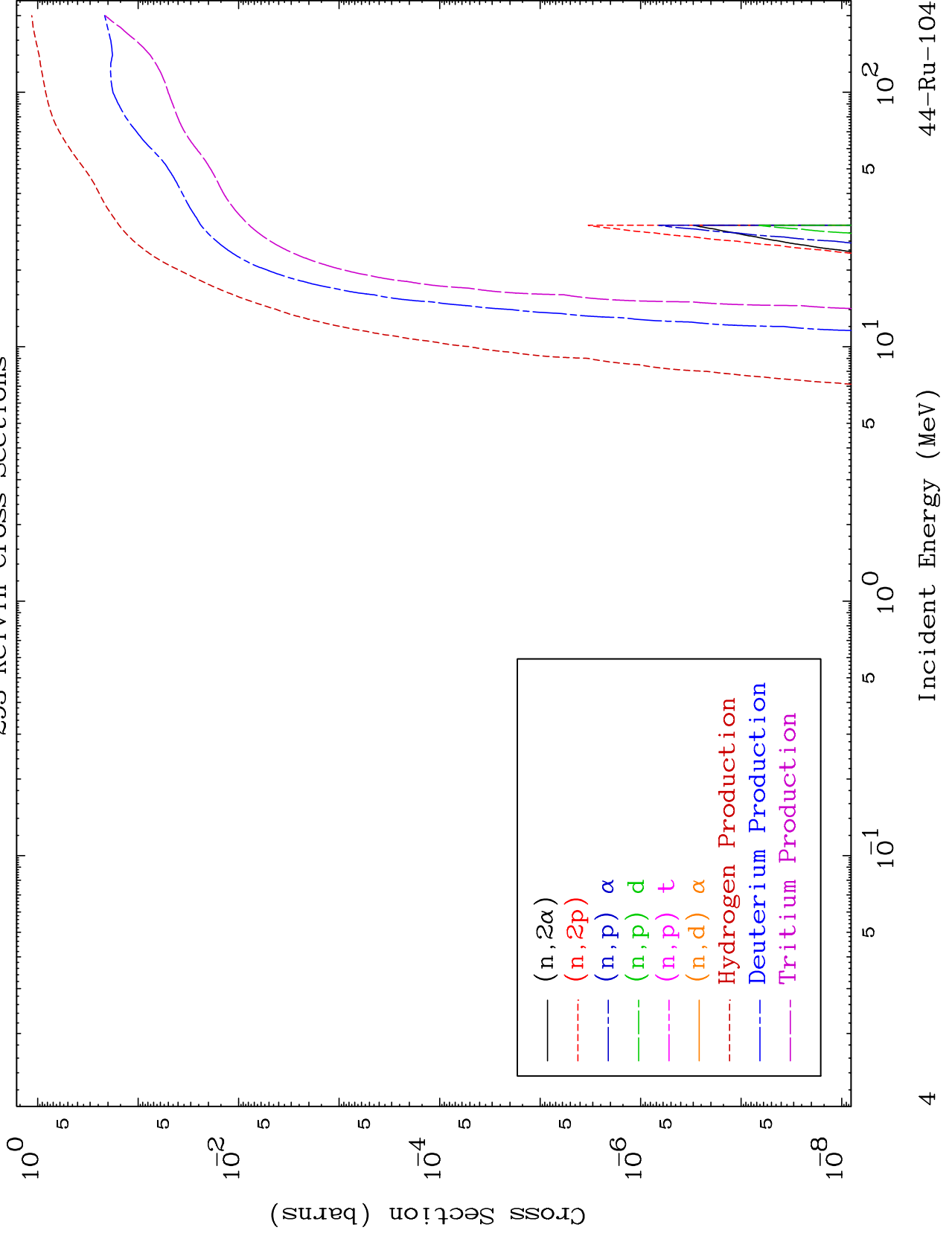


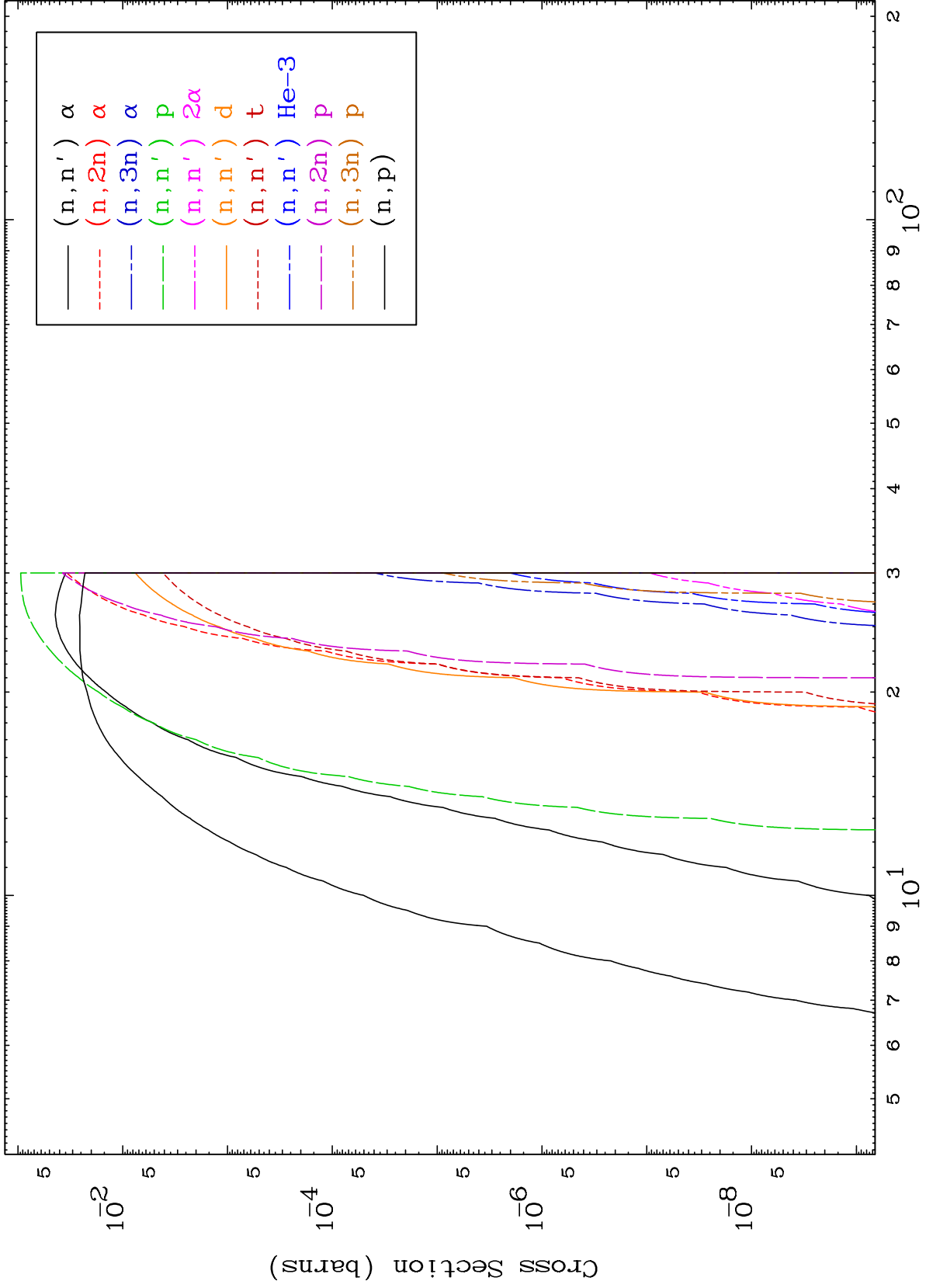
MAT 4449

Neutron Absorption  
293 Kelvin Cross Sections

44-Ru-104



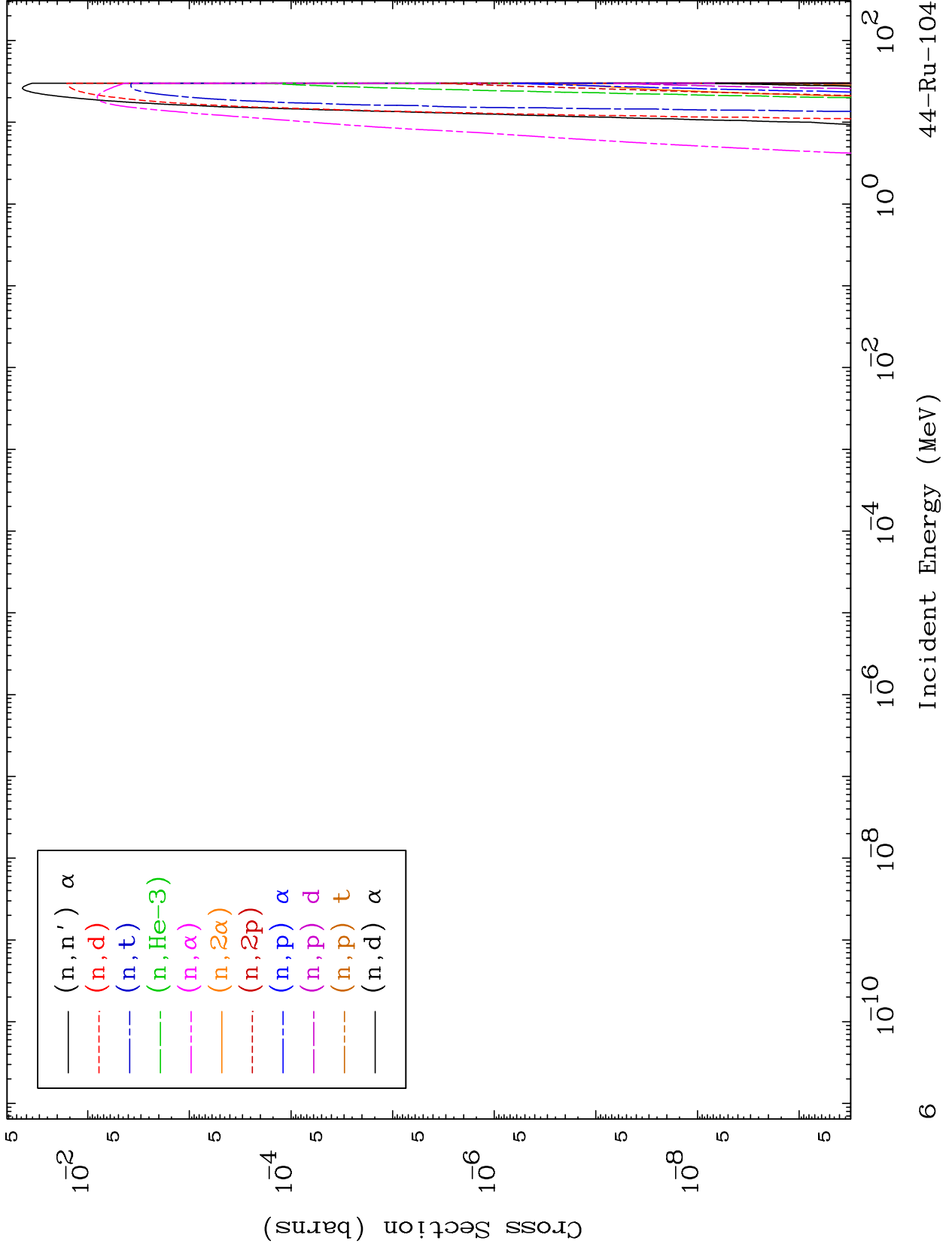




MAT 4449

Charged Particle  
293 Kelvin Cross Sections

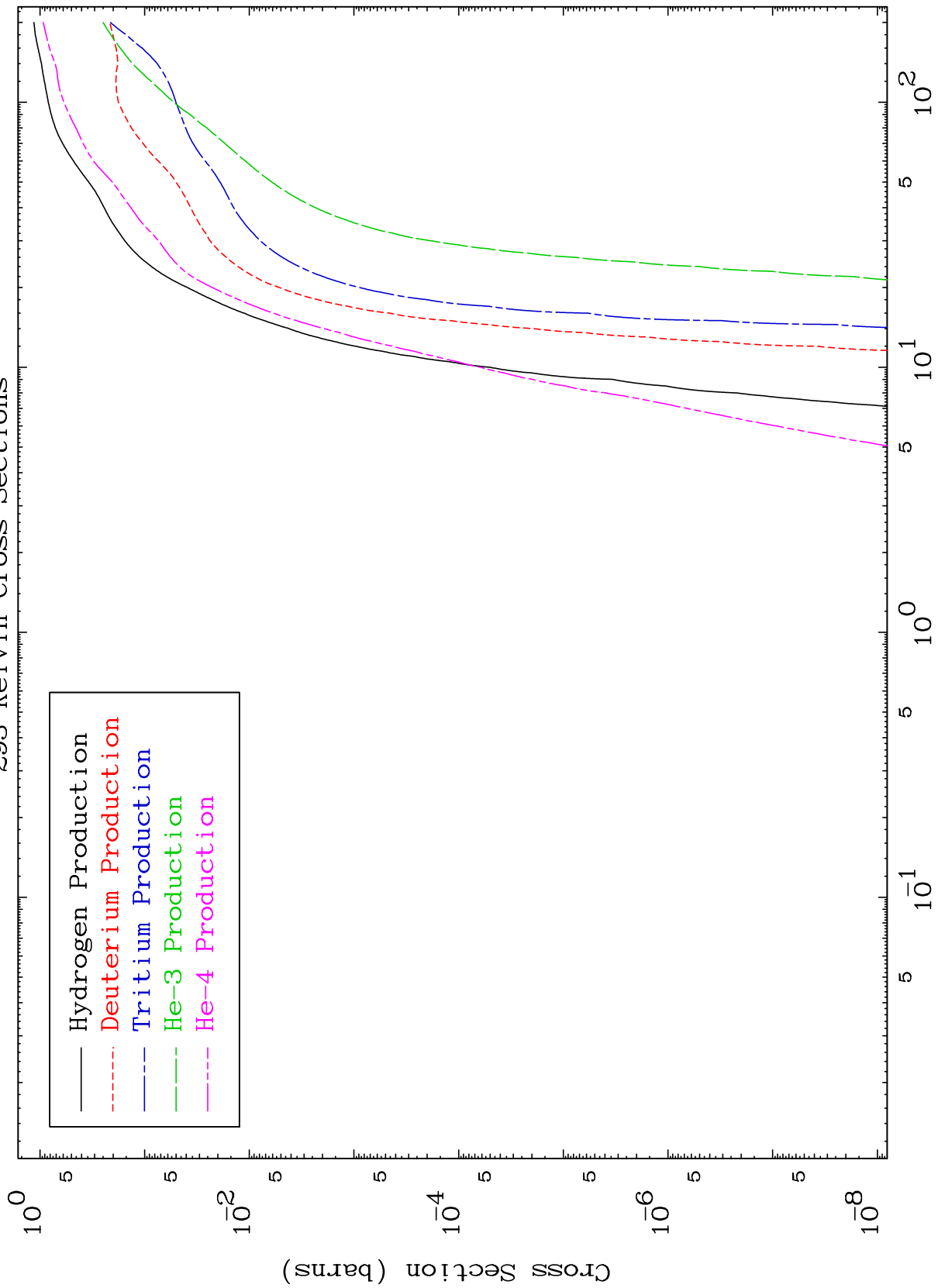
44-Ru-104



MAT 4449

Particle Production  
293 Kelvin Cross Sections

44-Ru-104

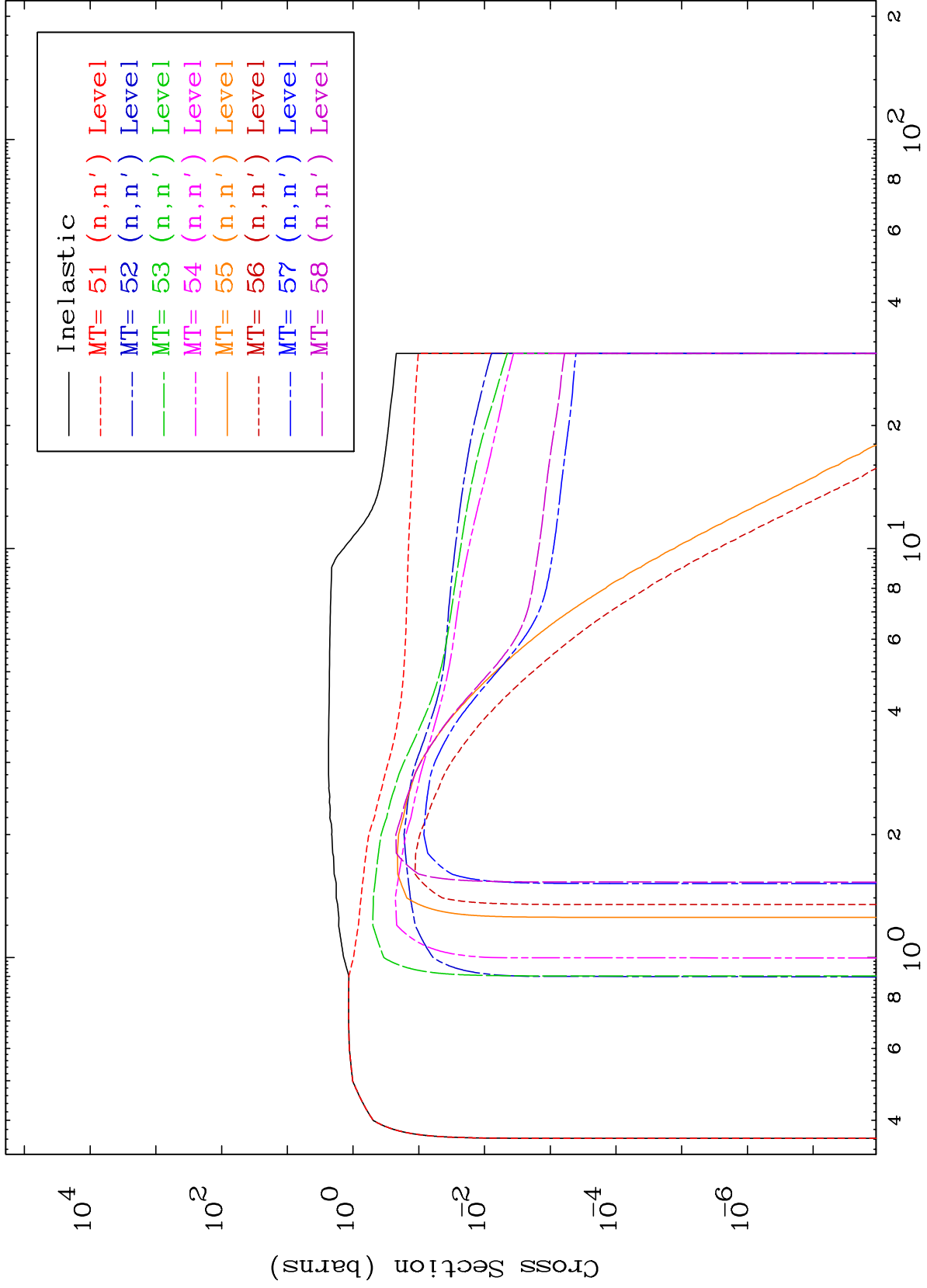


MAT 4449

(n,n') Levels

44-Ru-104

293 Kelvin Cross Sections



8

Incident Energy (MeV)

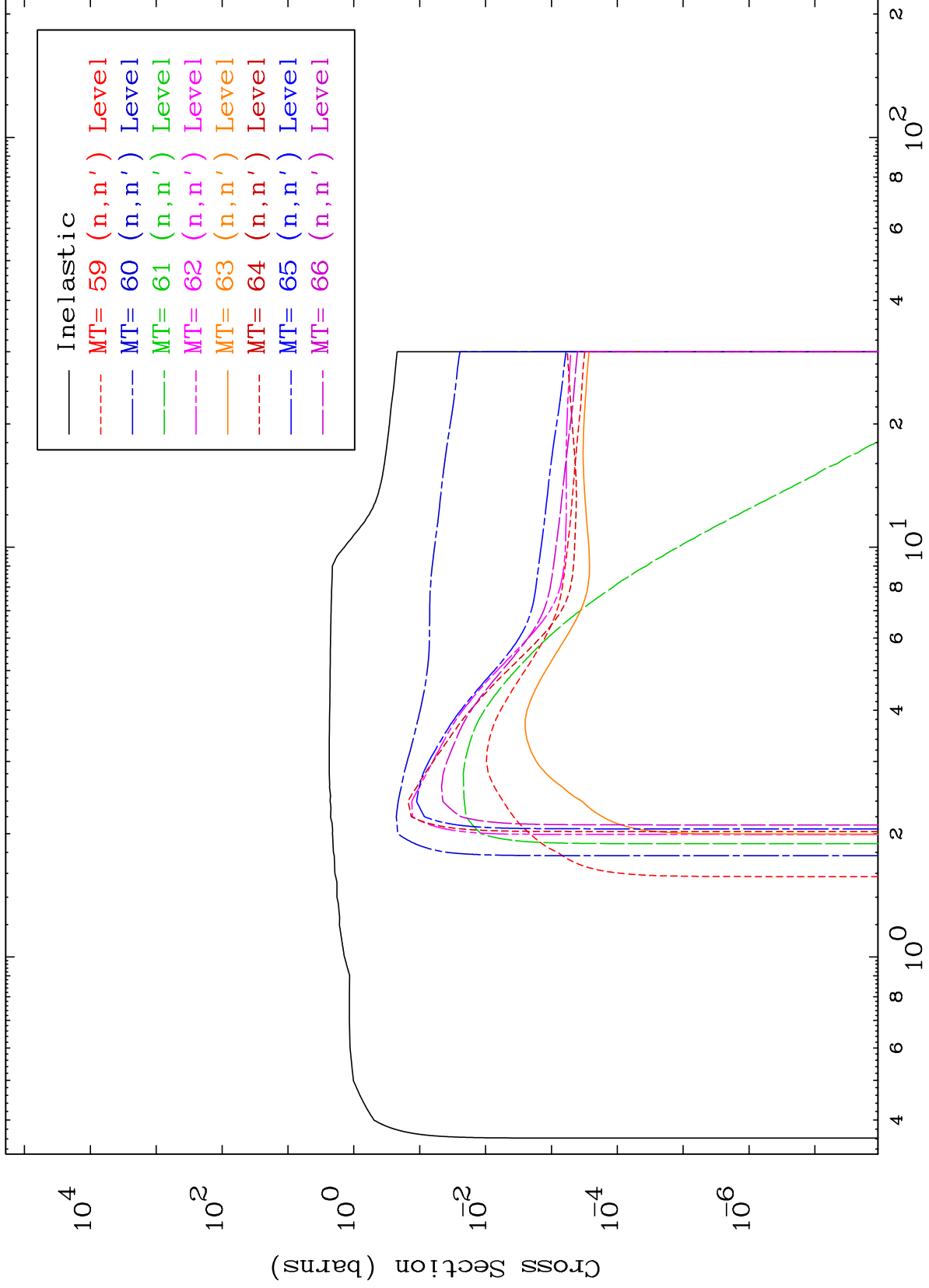
44-Ru-104

MAT 4449

(n,n') Levels

44-Ru-104

293 Kelvin Cross Sections

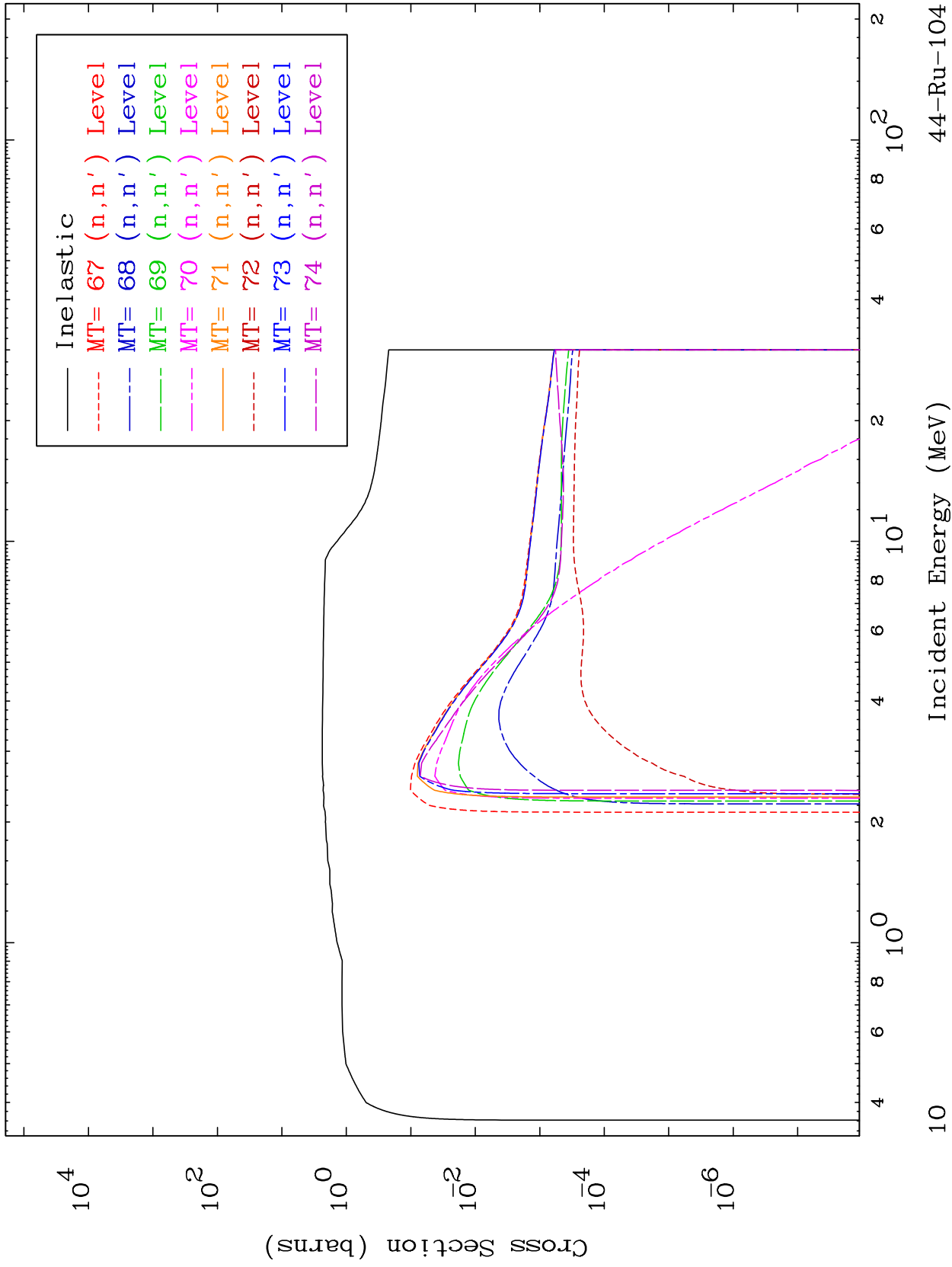


MAT 4449

(n,n') Levels

44-Ru-104

293 Kelvin Cross Sections



10

Incident Energy (MeV)

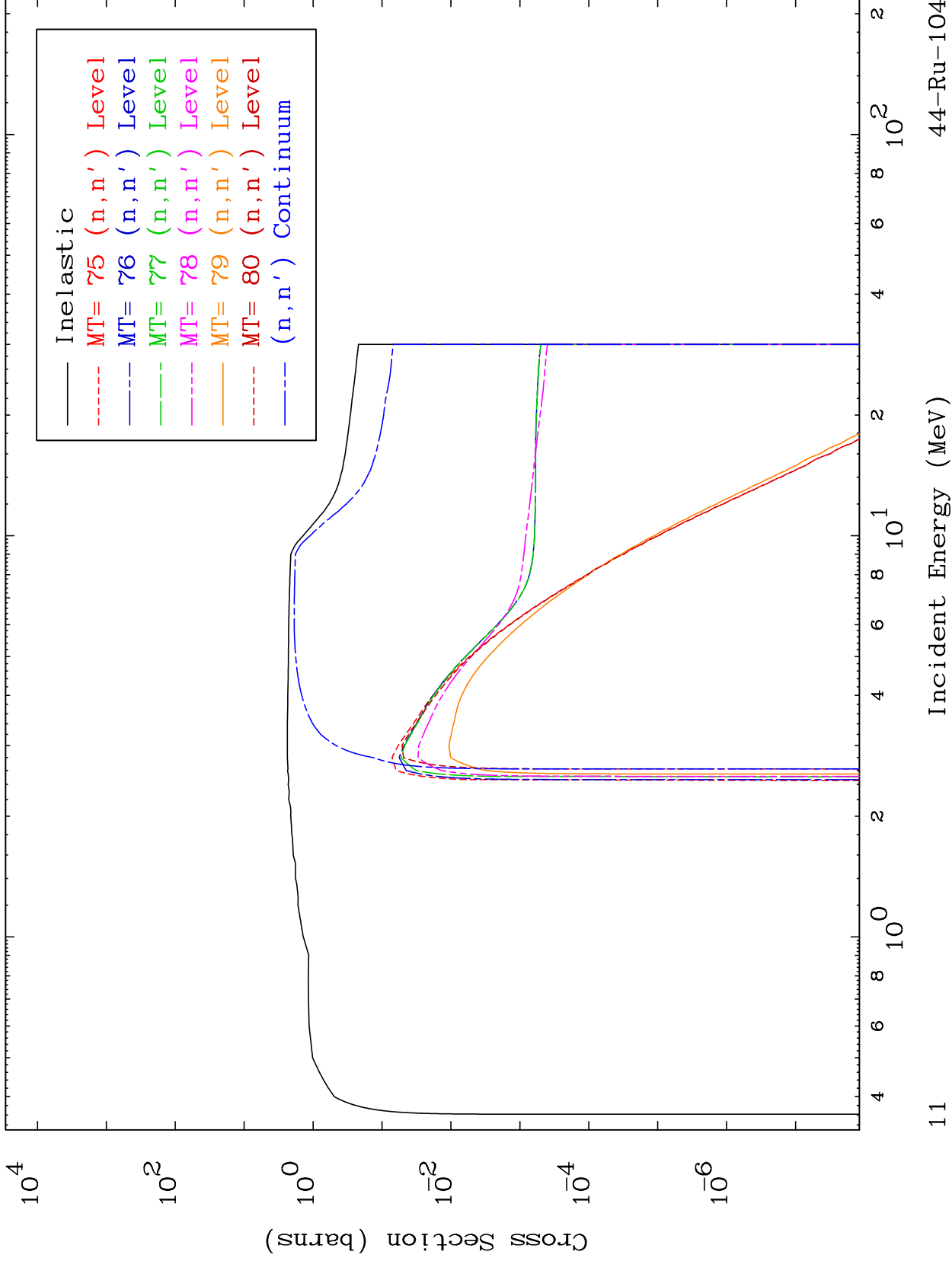
44-Ru-104

MAT 4449

(n,n') Levels

44-Ru-104

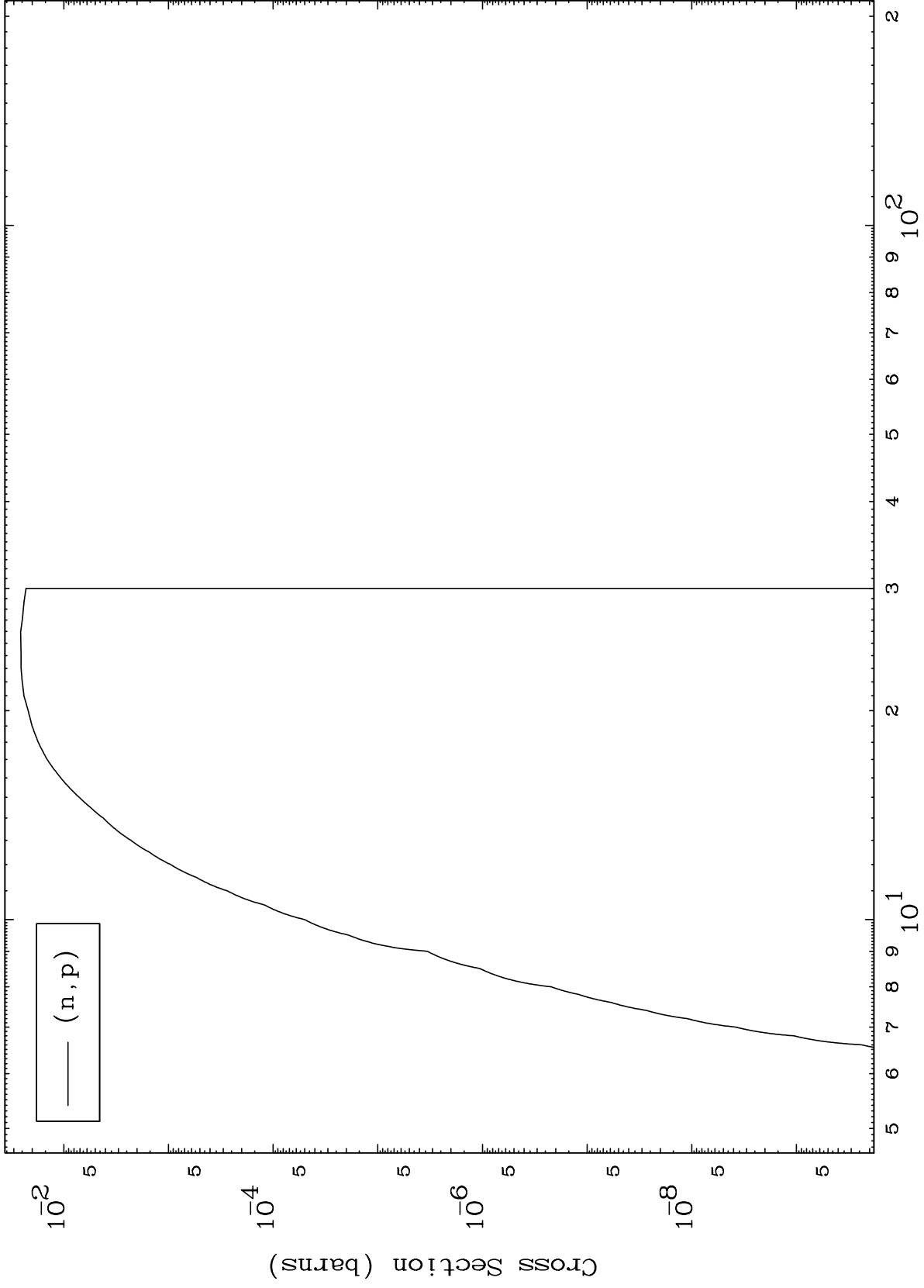
293 Kelvin Cross Sections



MAT 4449

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-104



12

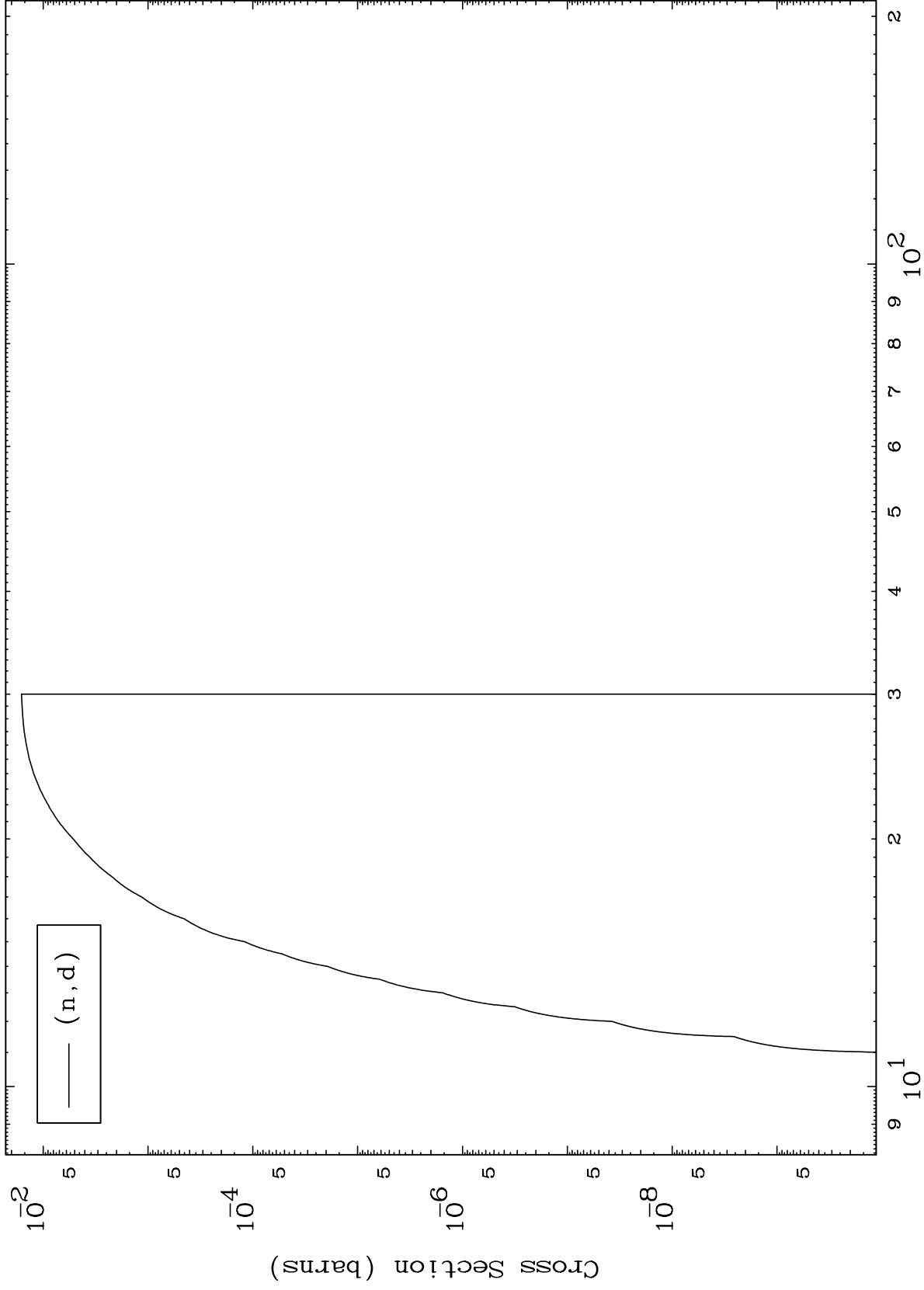
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-104



13

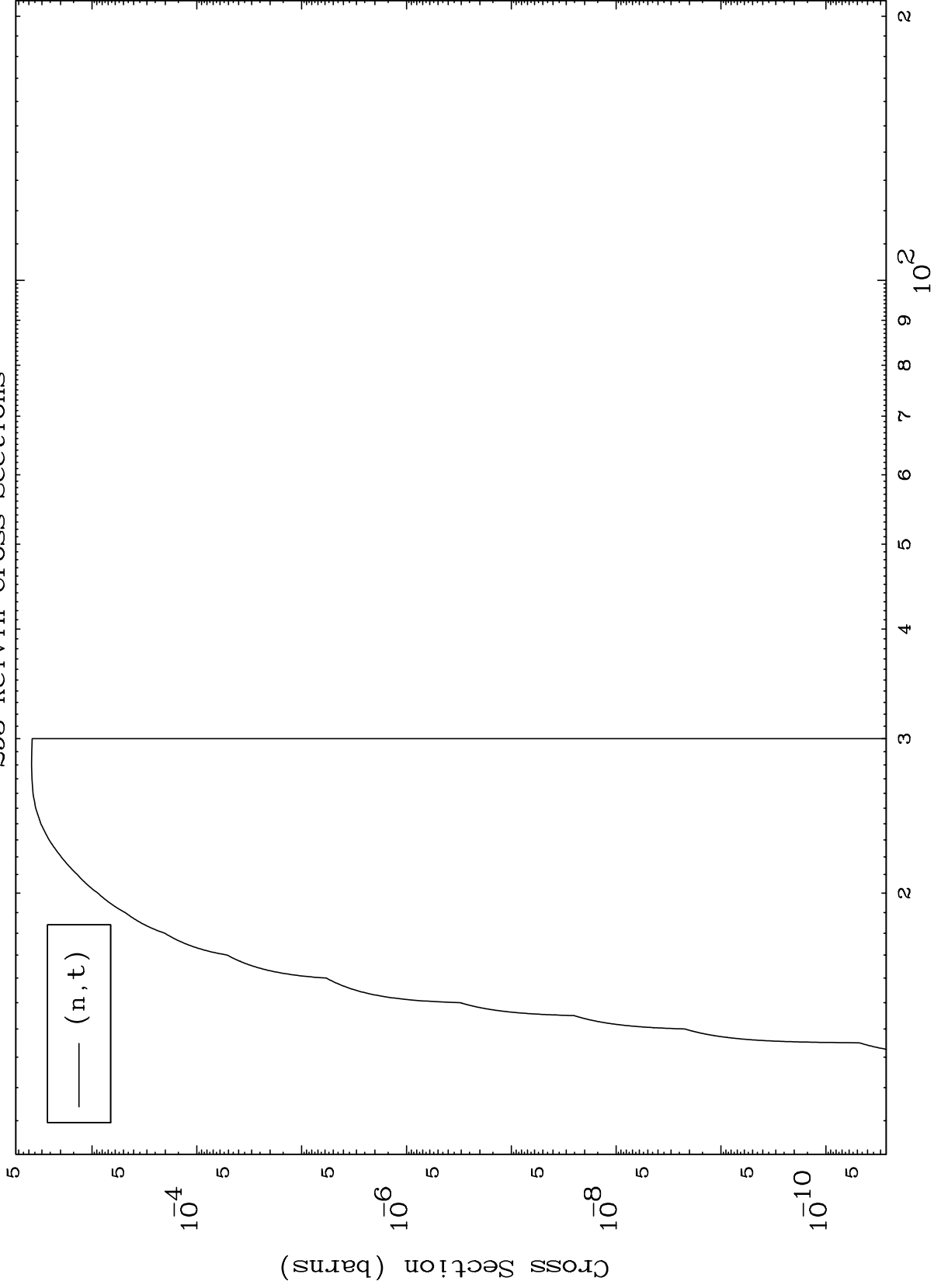
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-104



14

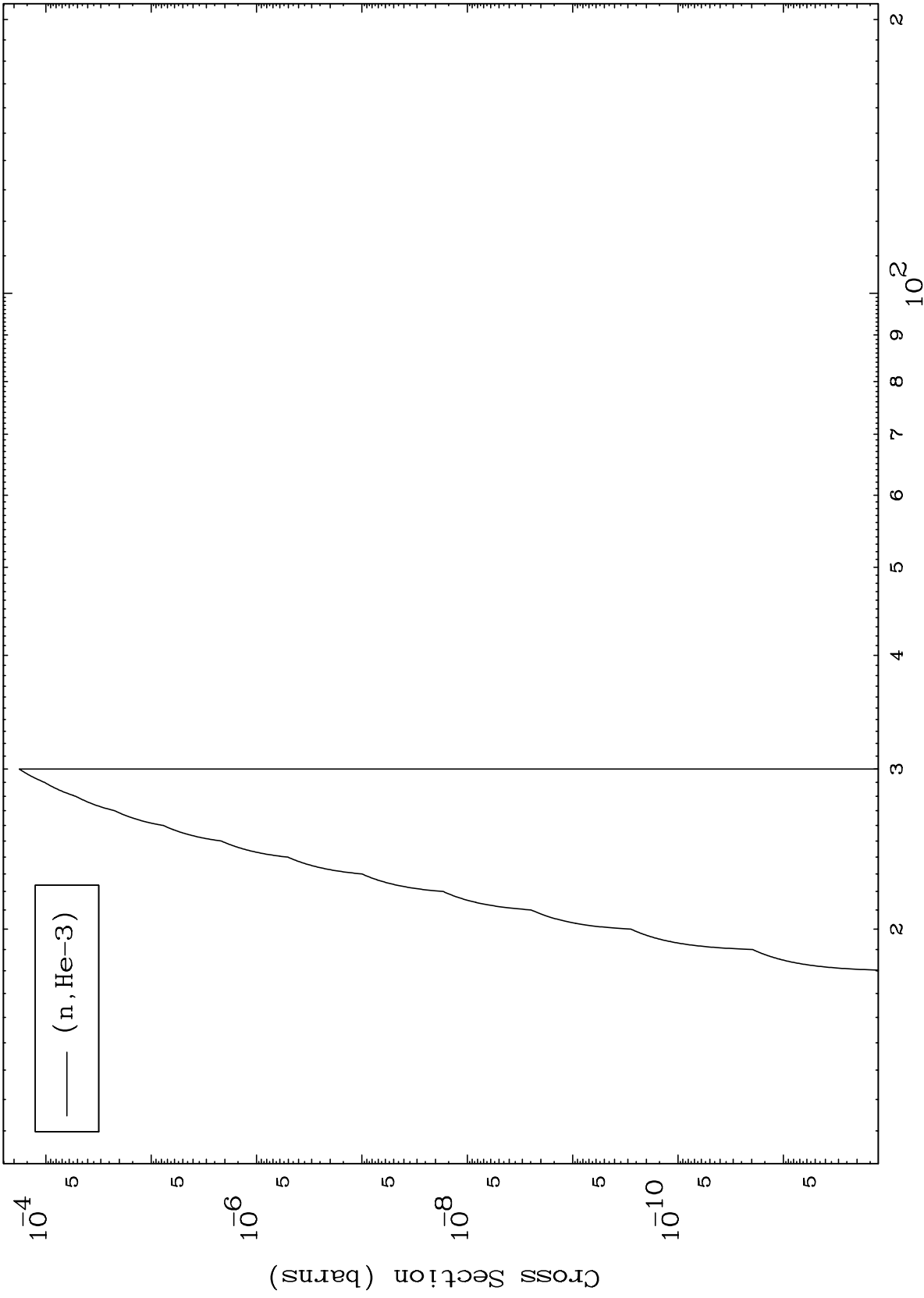
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-104



15

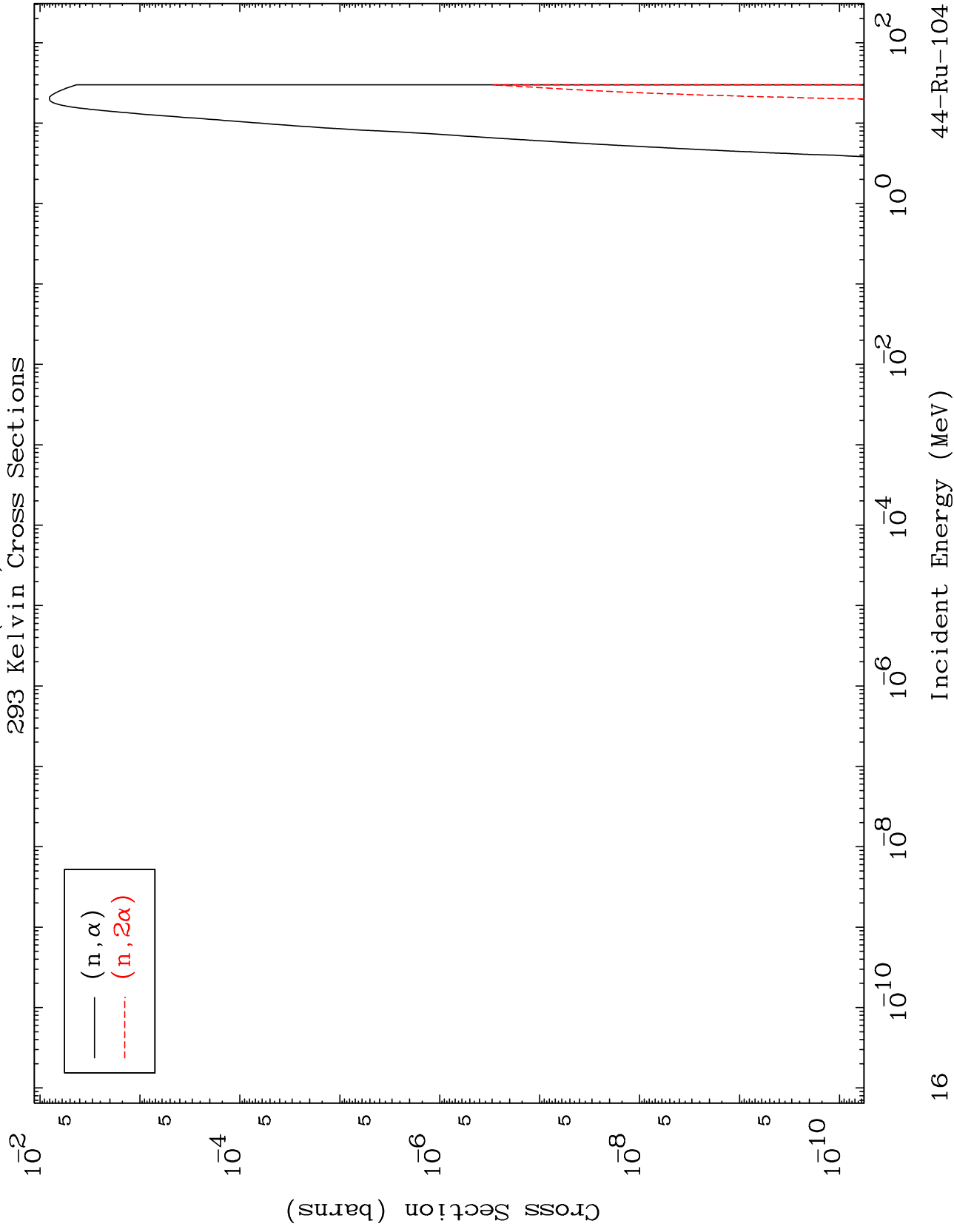
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

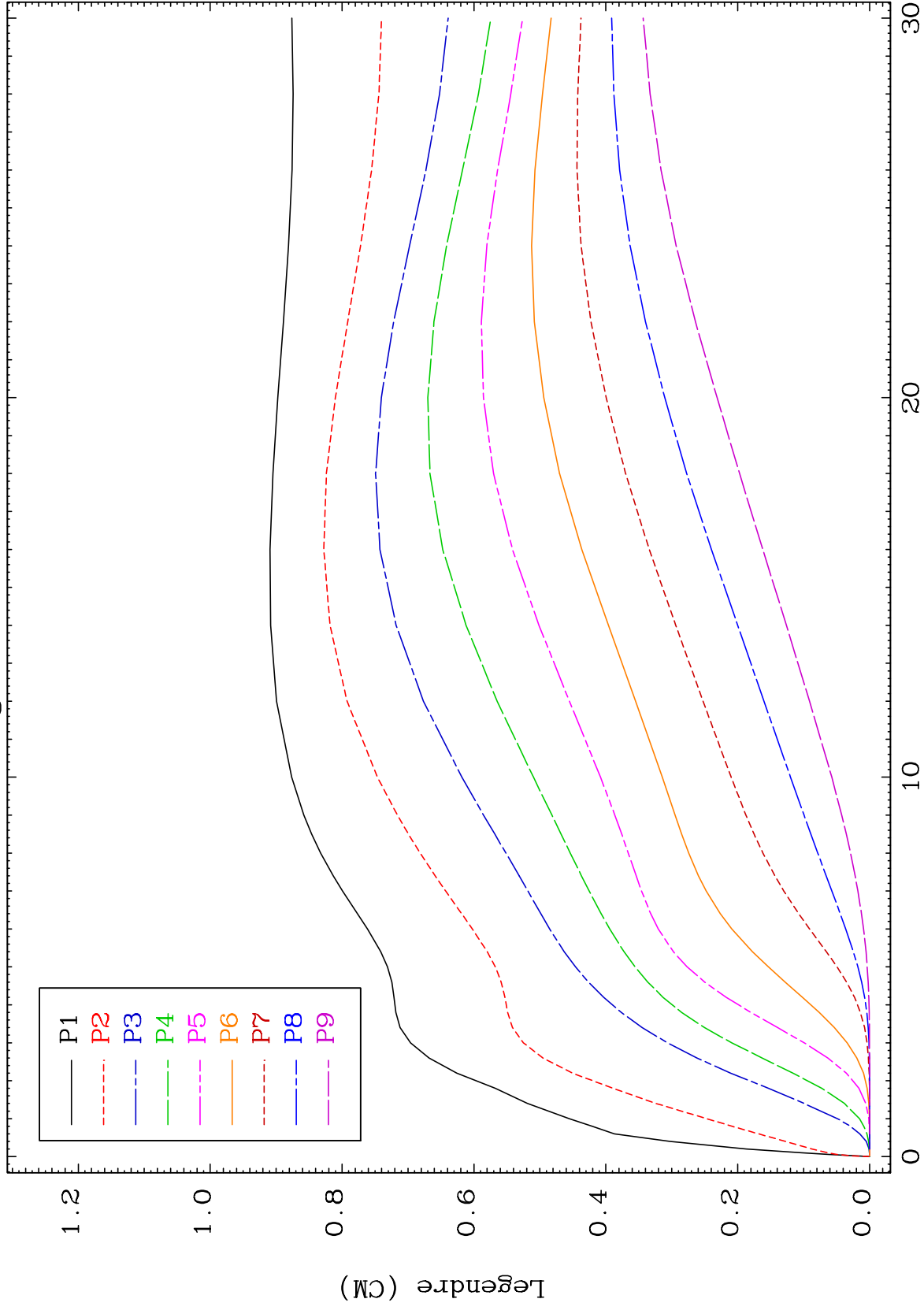


16

MAT 4449

Elastic Legendre Coefficients

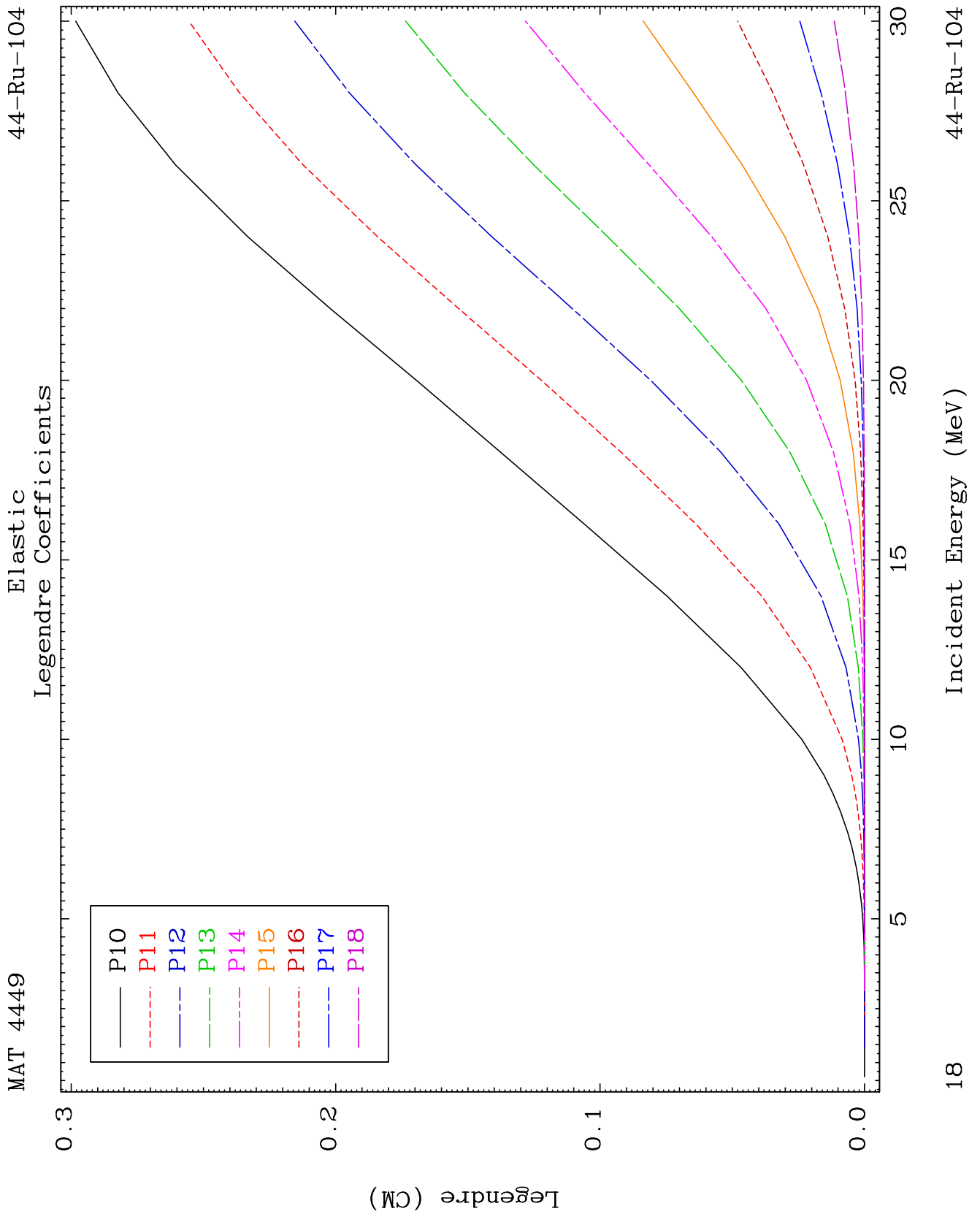
44-Ru-104



17

Incident Energy (MeV)

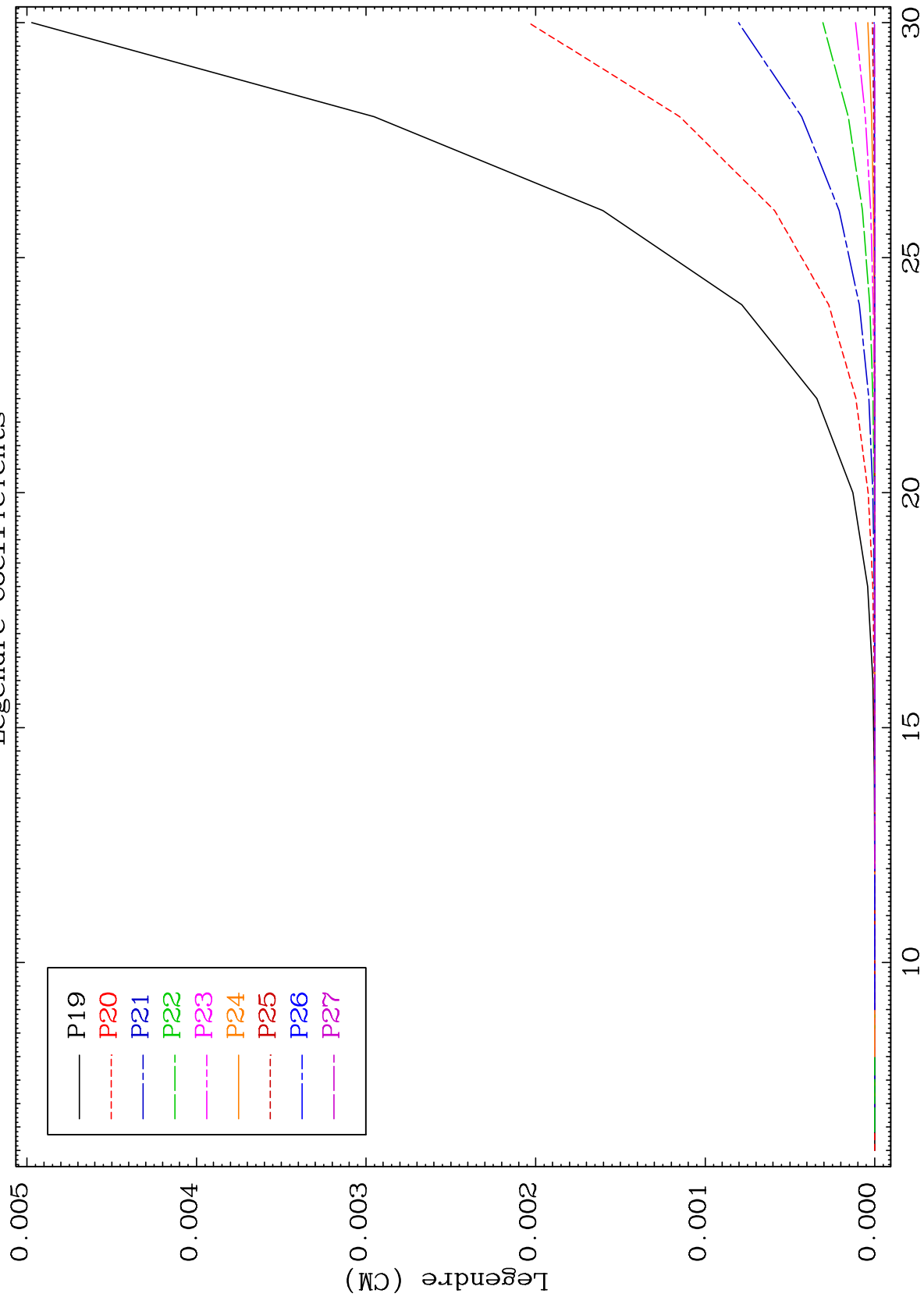
44-Ru-104



MAT 4449

Elastic Legendre Coefficients

44-Ru-104



19

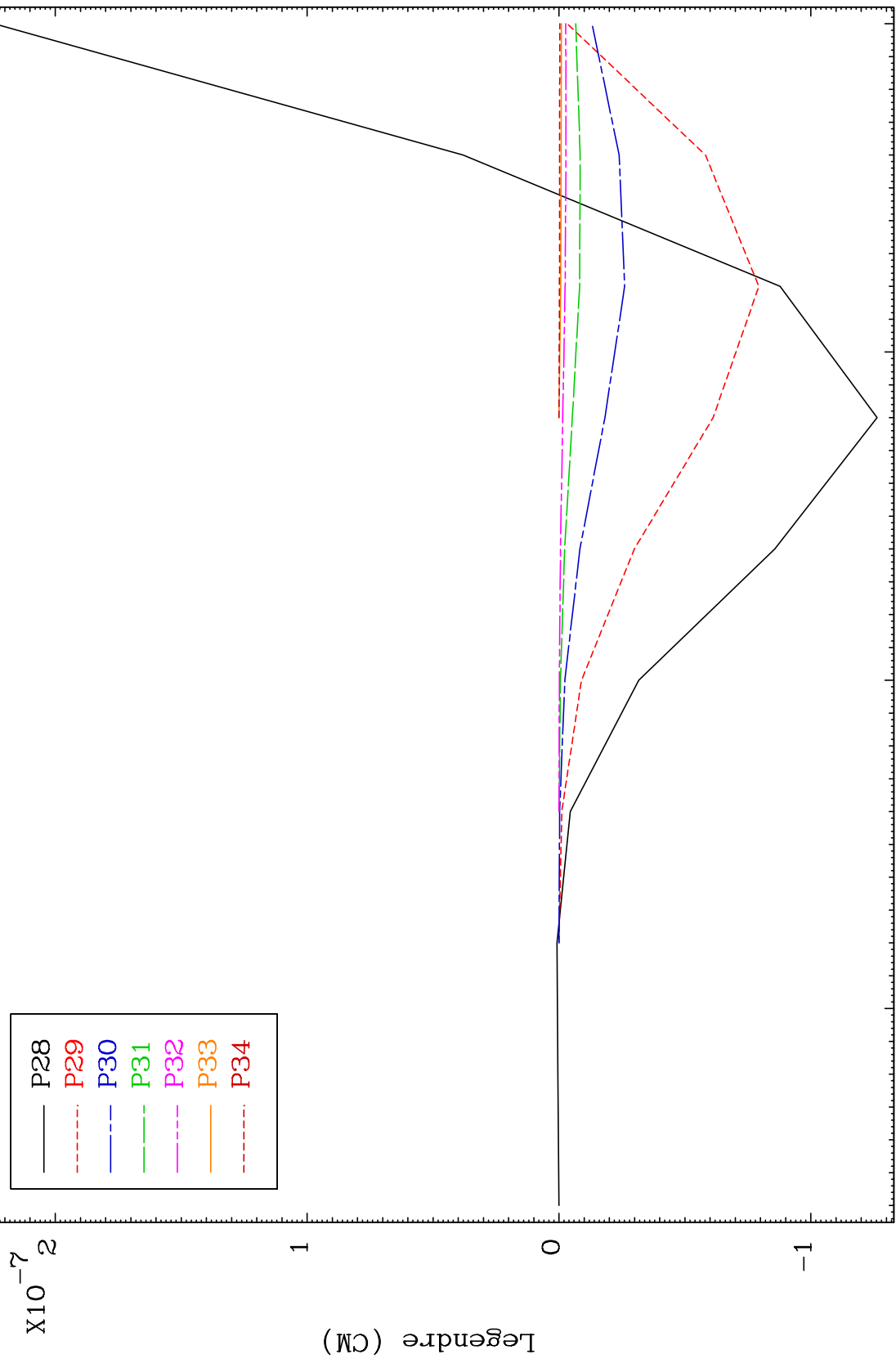
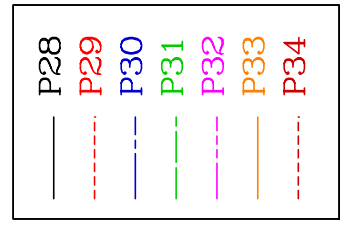
Incident Energy (MeV)

44-Ru-104

MAT 4449

Elastic Legendre Coefficients

44-Ru-104



20

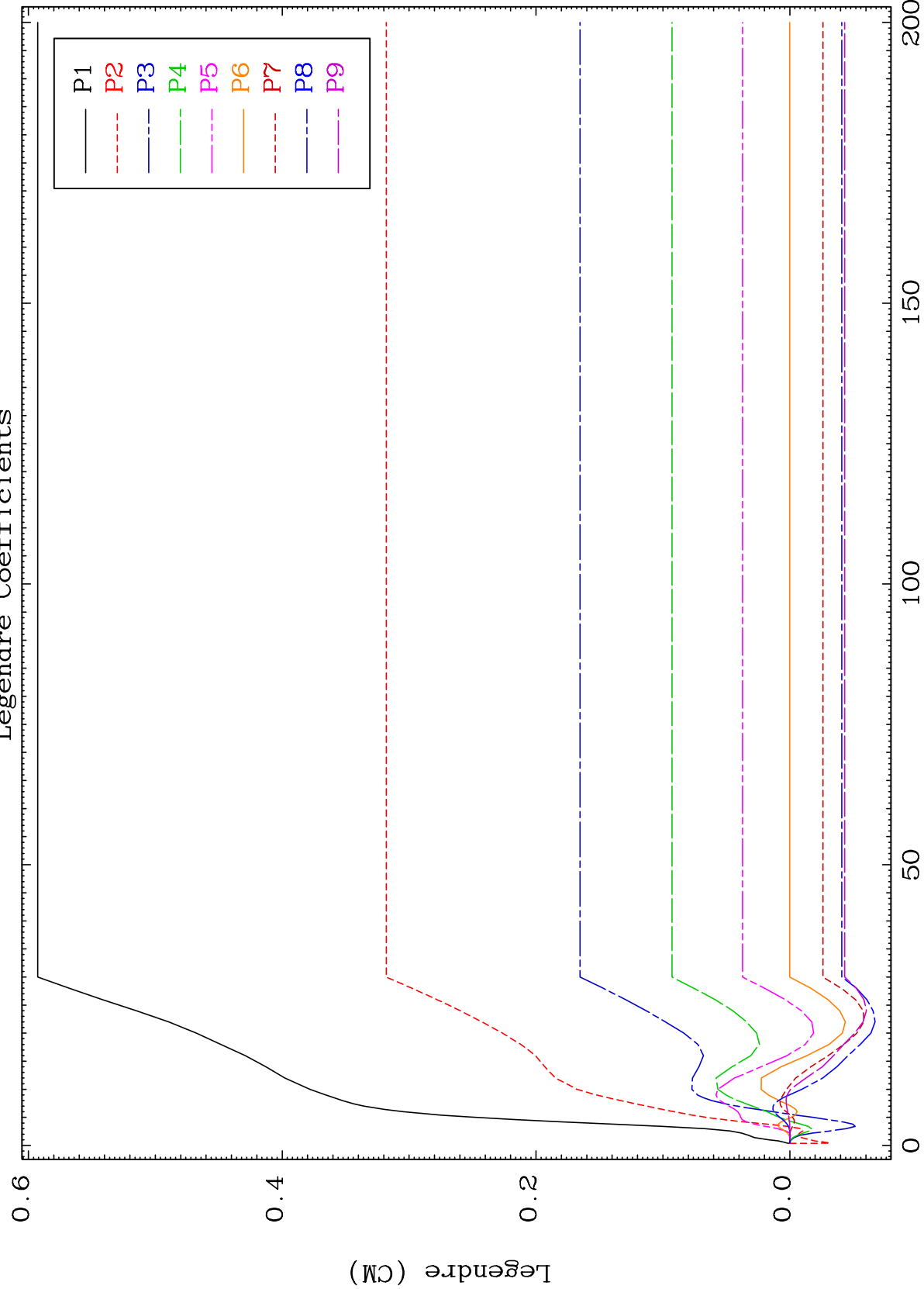
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



21

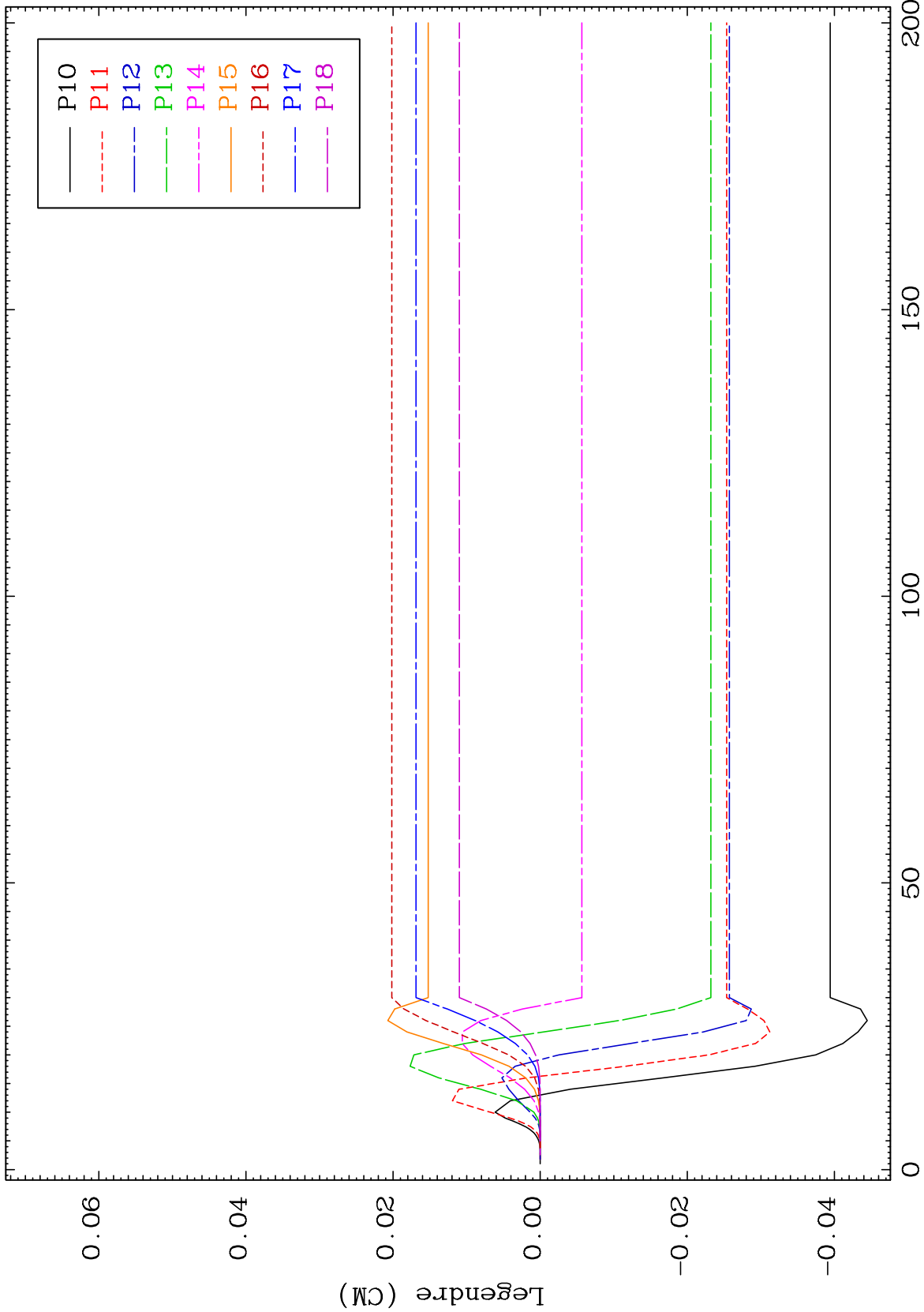
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



22

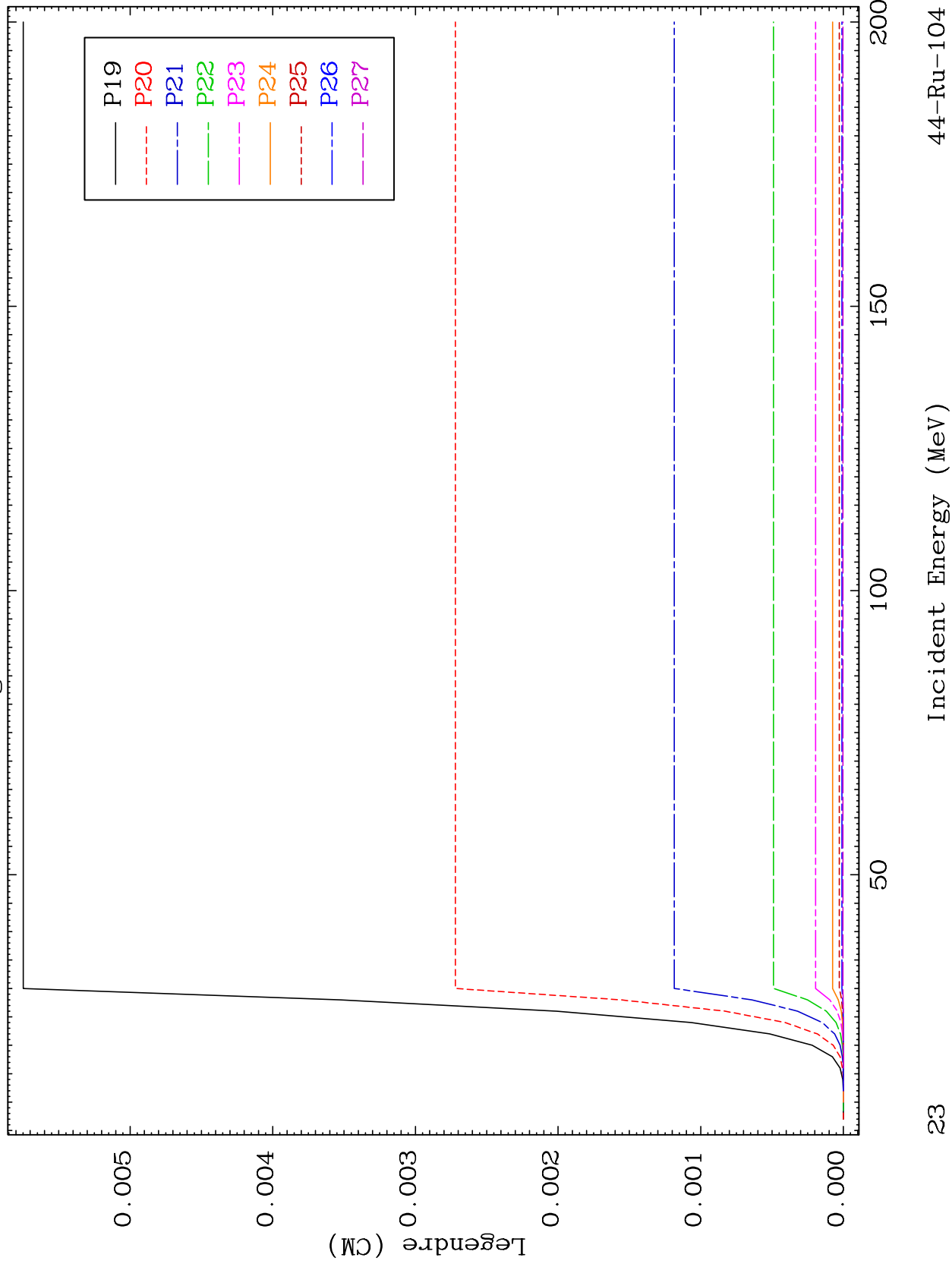
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



23

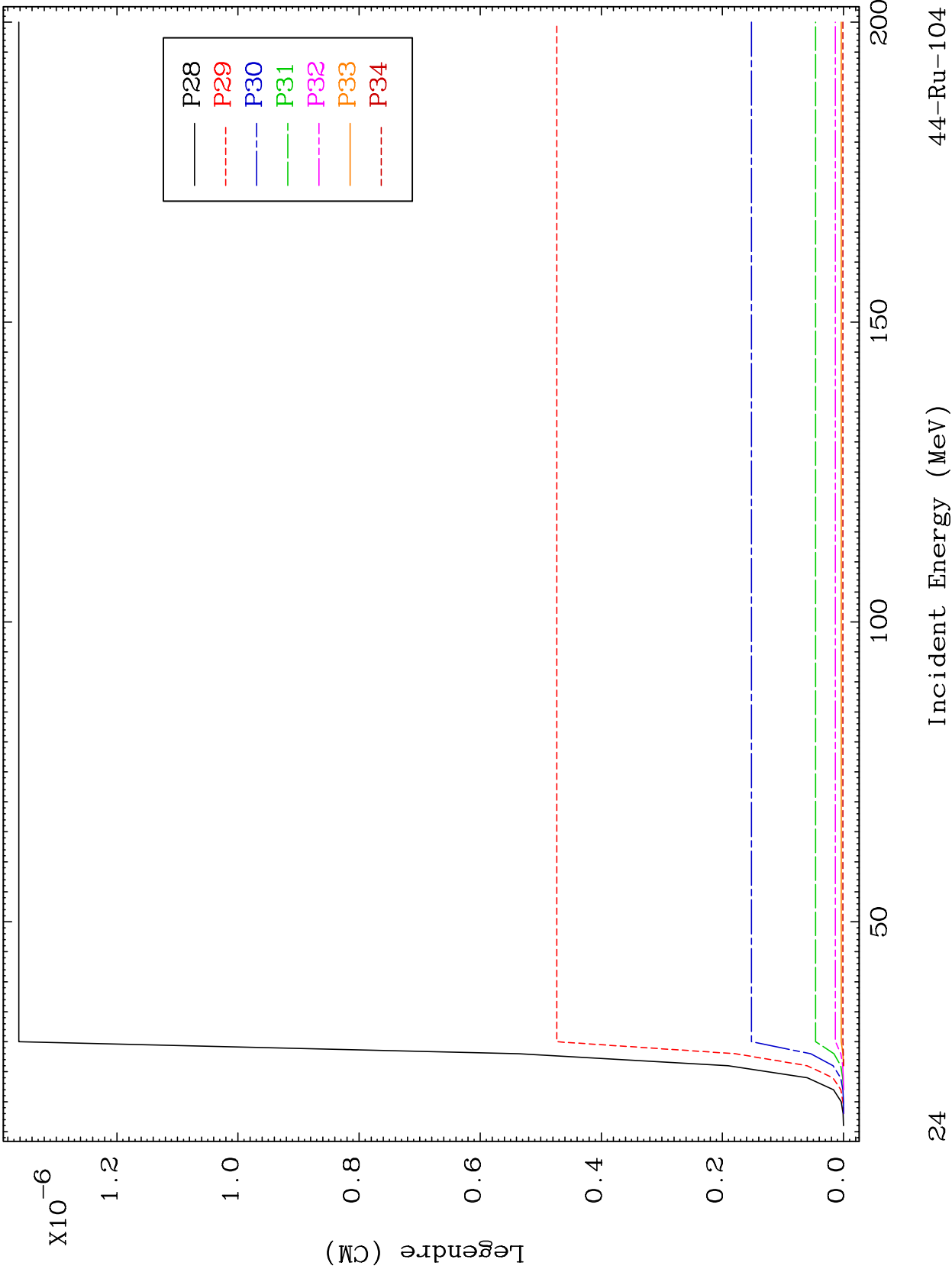
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



24

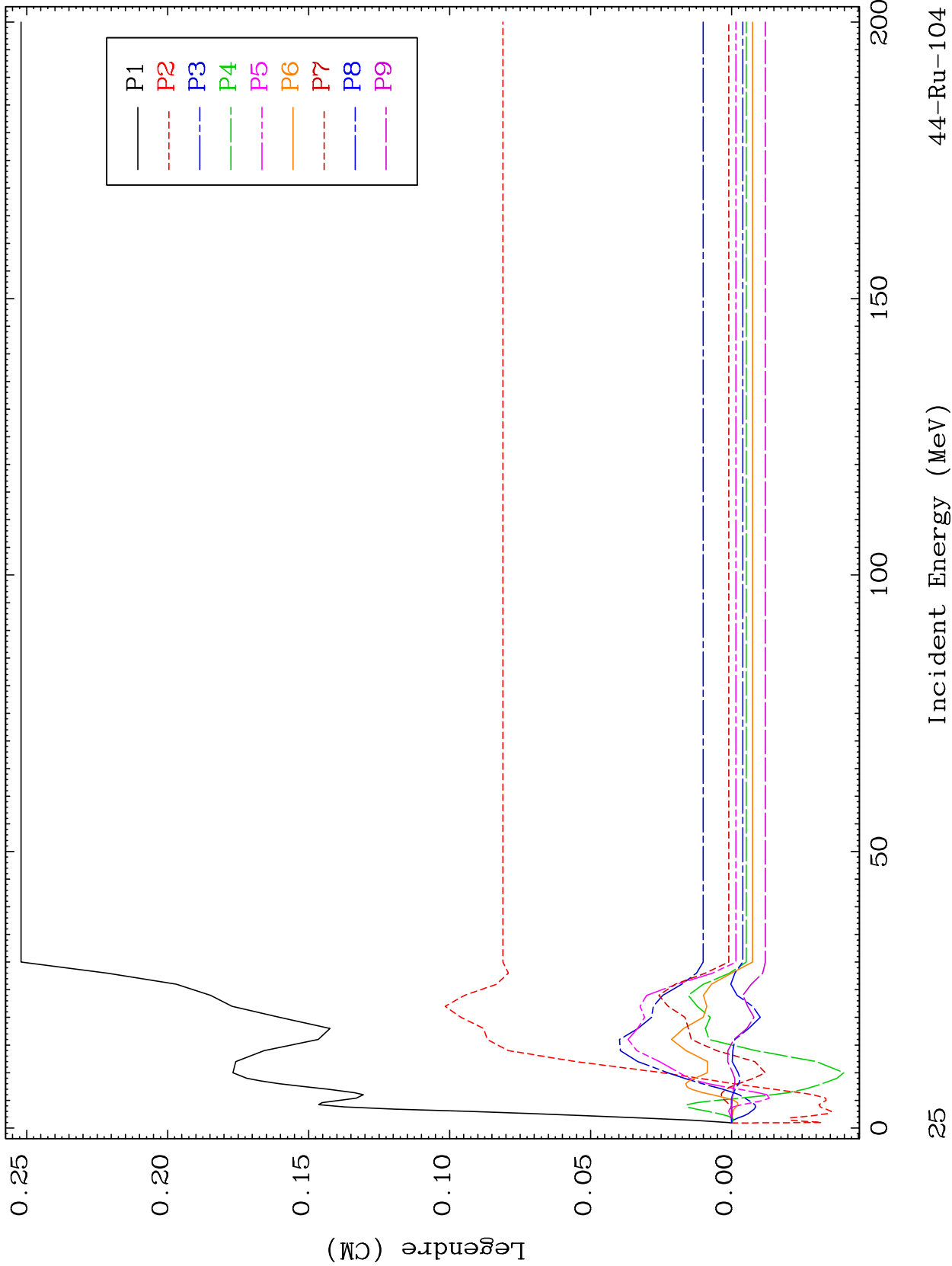
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

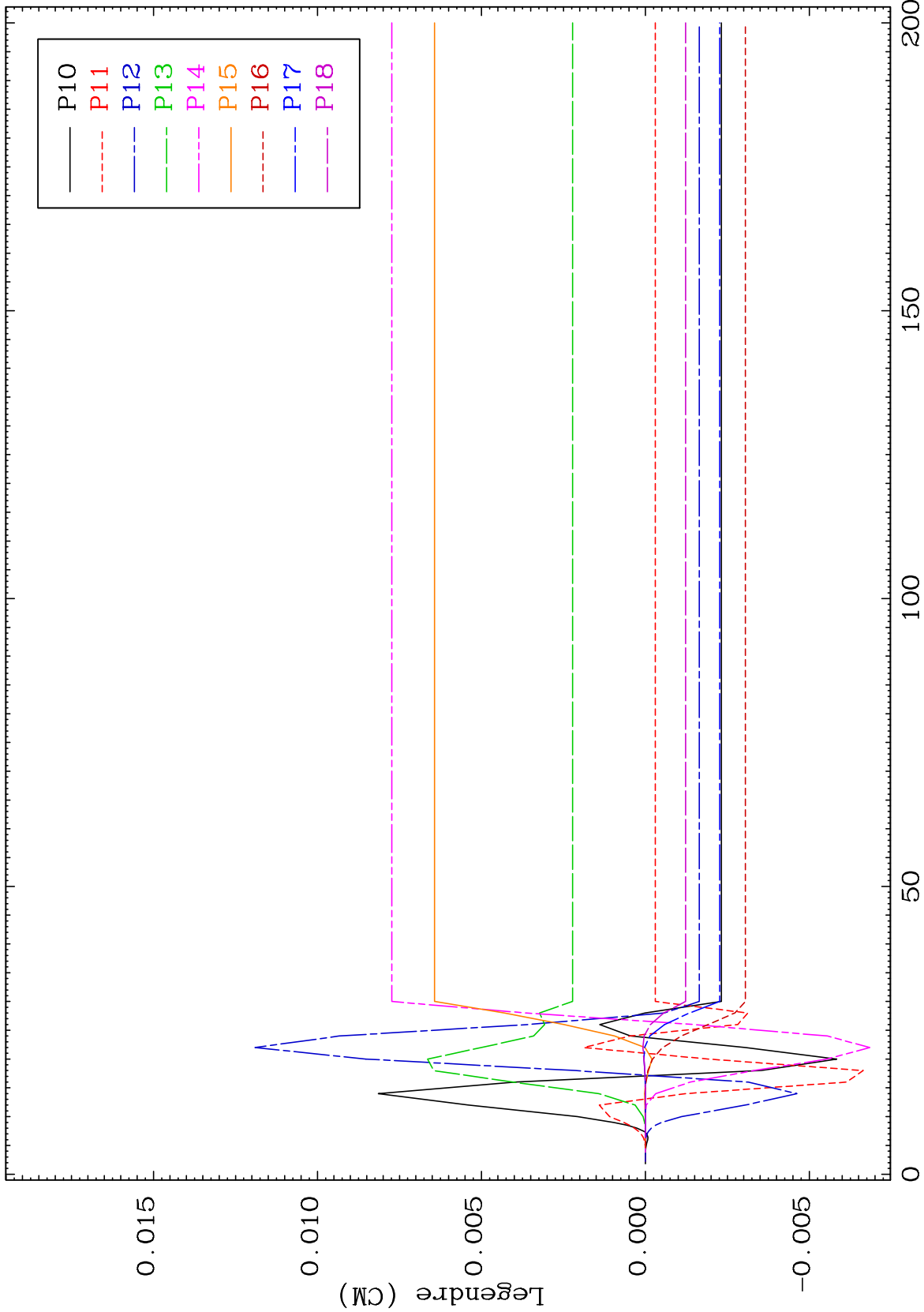
Incident Energy (MeV)

25

MAT 4449

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

44-Ru-104



26

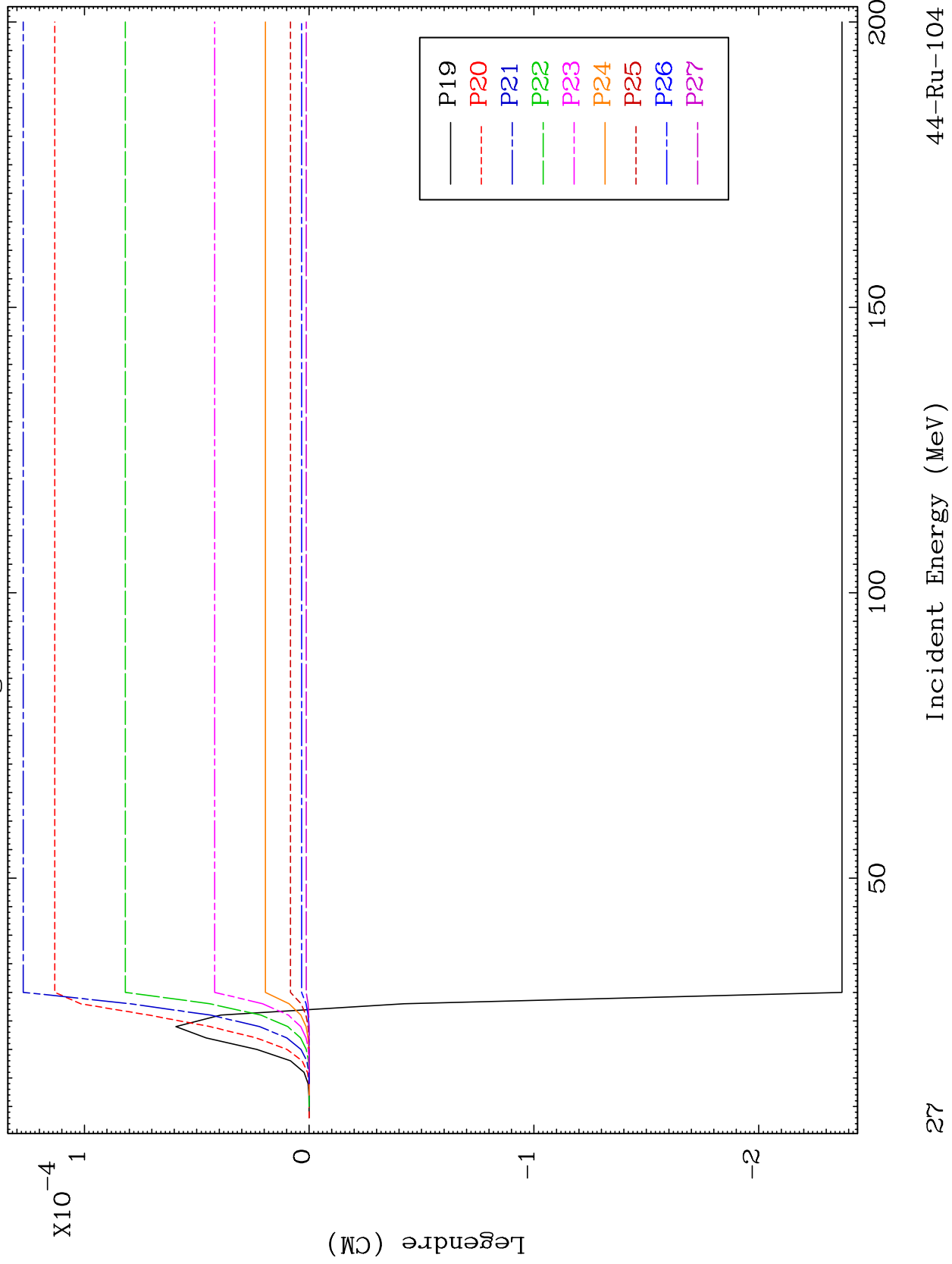
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



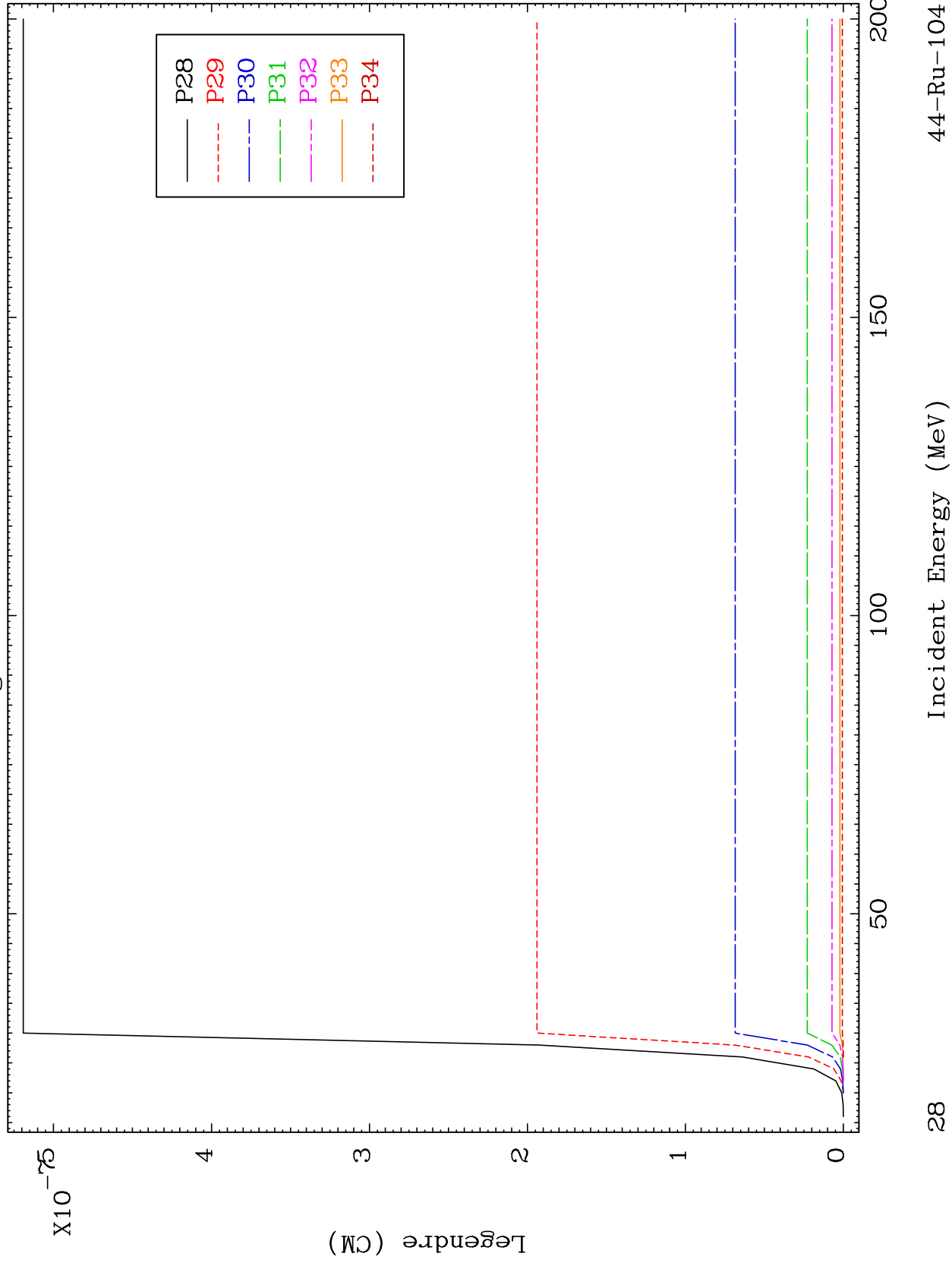
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44-Ru-104

MAT 4449

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

44-Ru-104



28

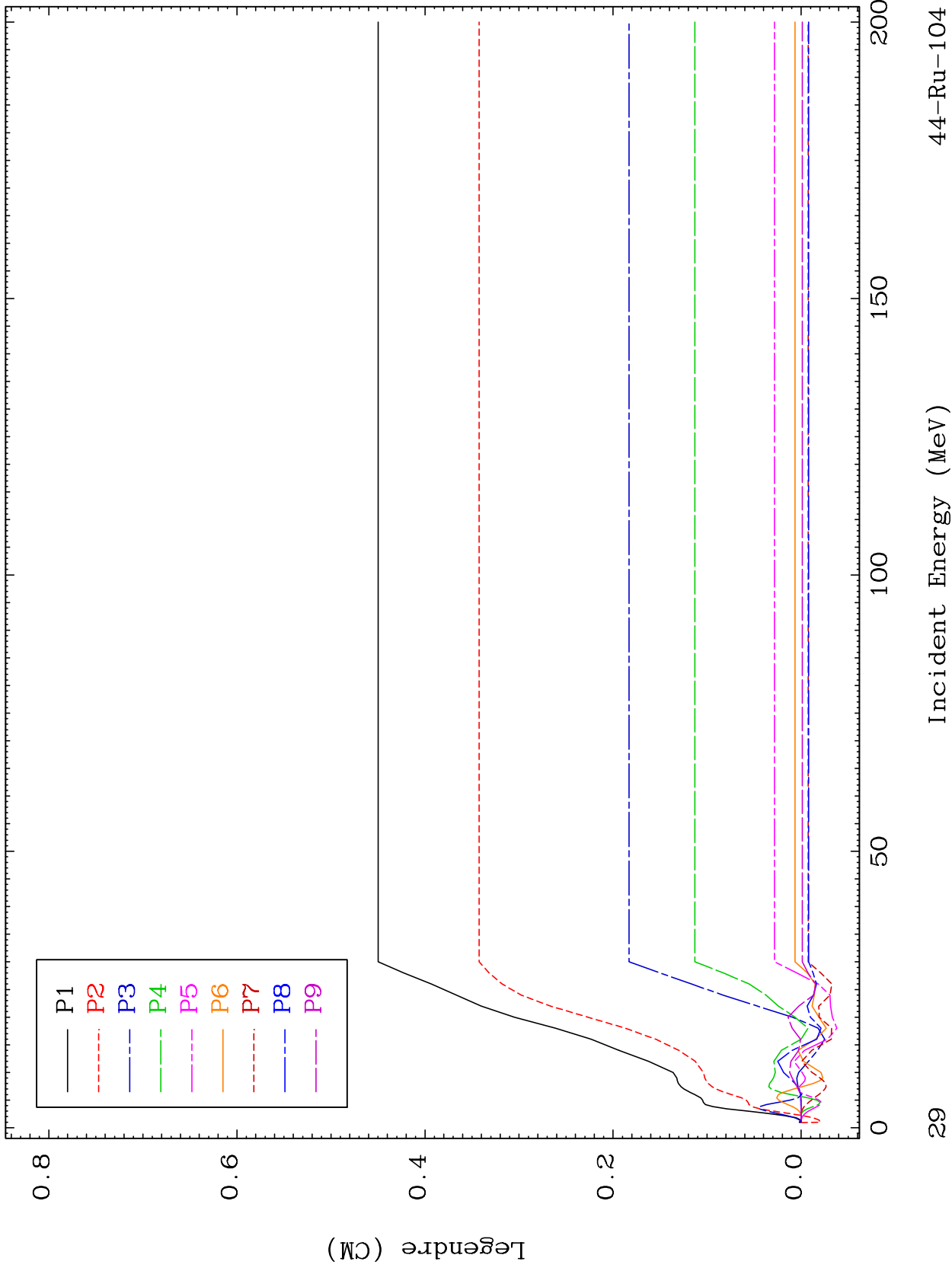
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



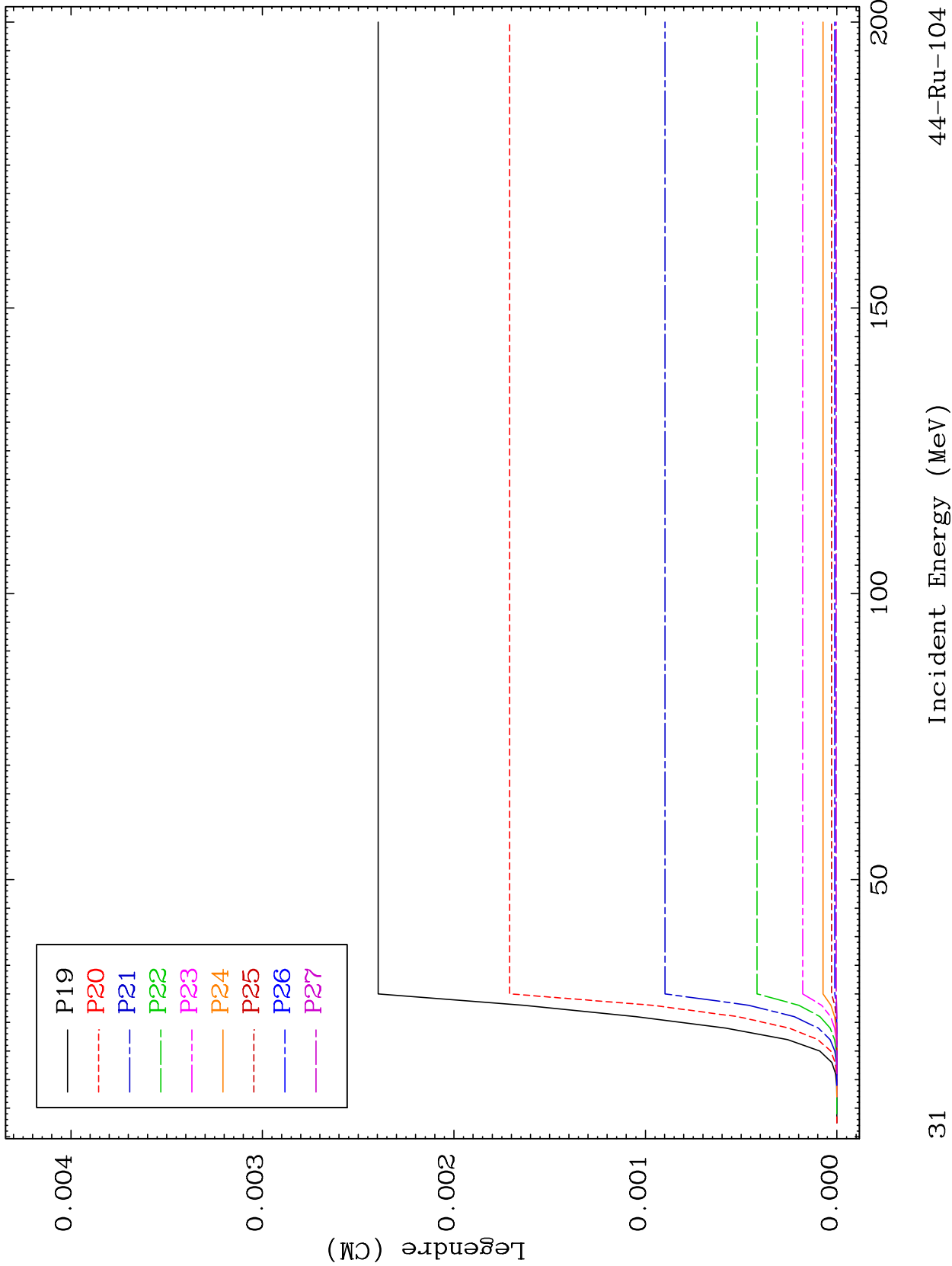
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MAT 4449

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

44-Ru-104



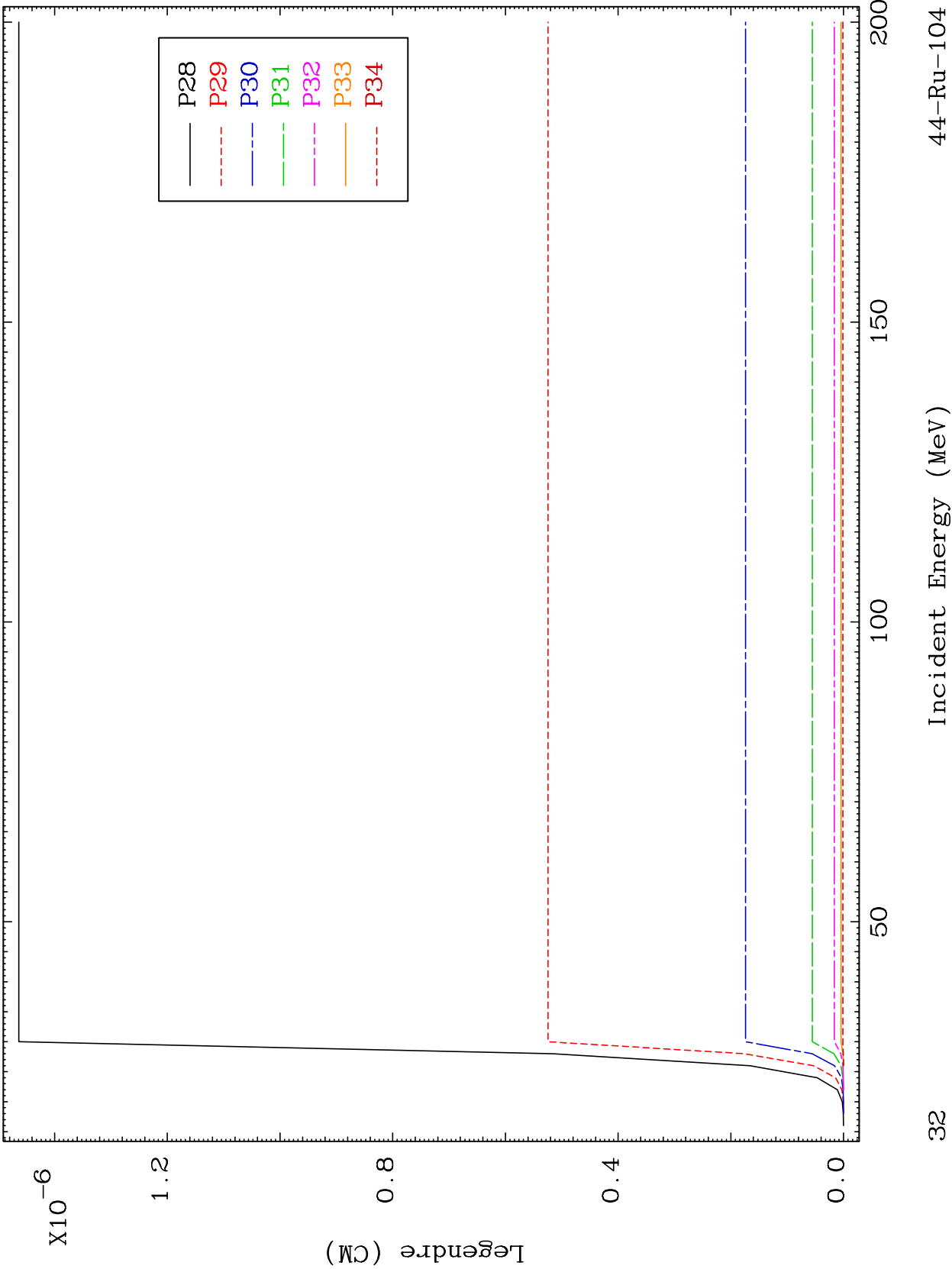
31

44-Ru-104

MAT 4449

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

44-Ru-104

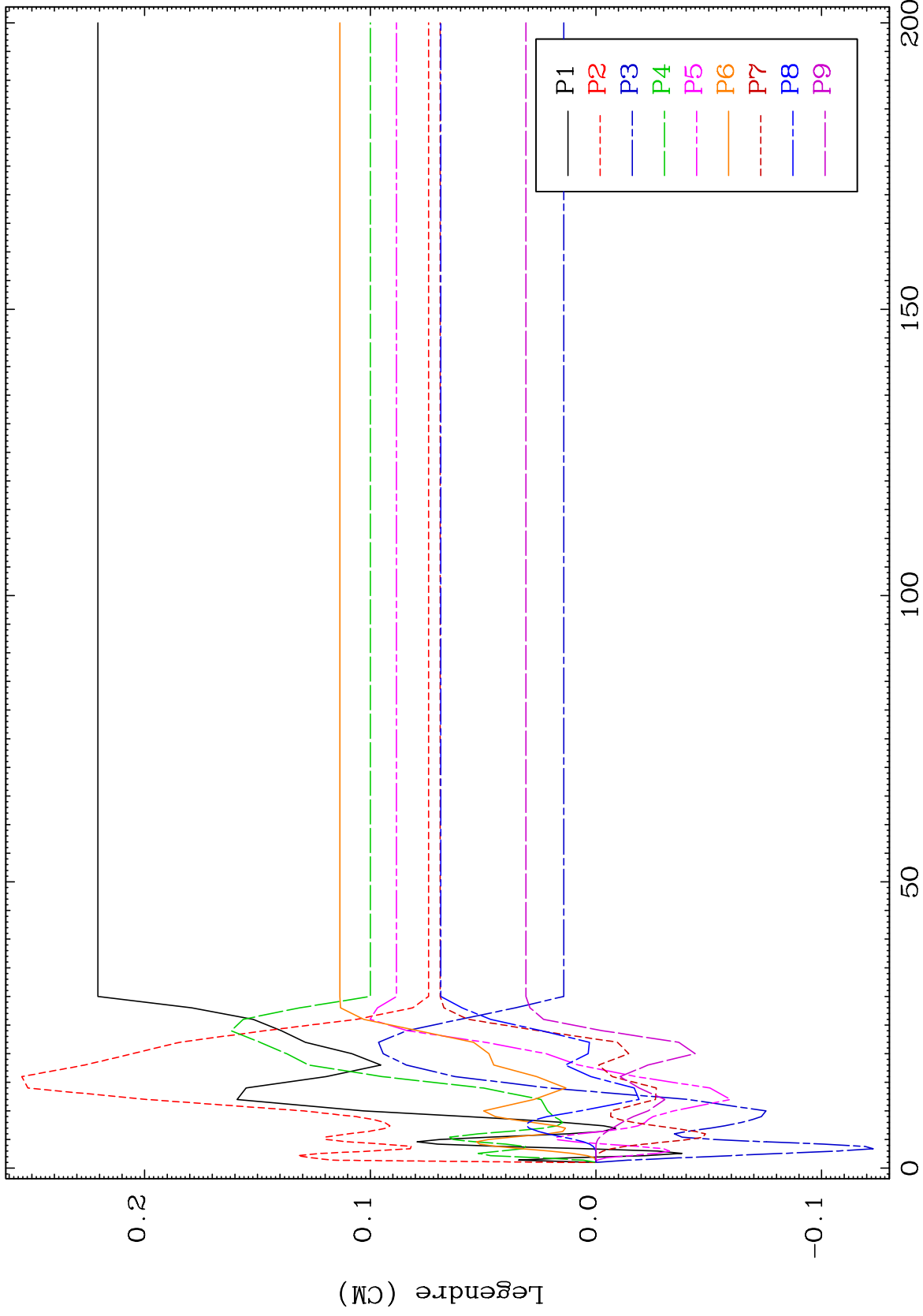


32

MAT 4449

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

44-Ru-104



33

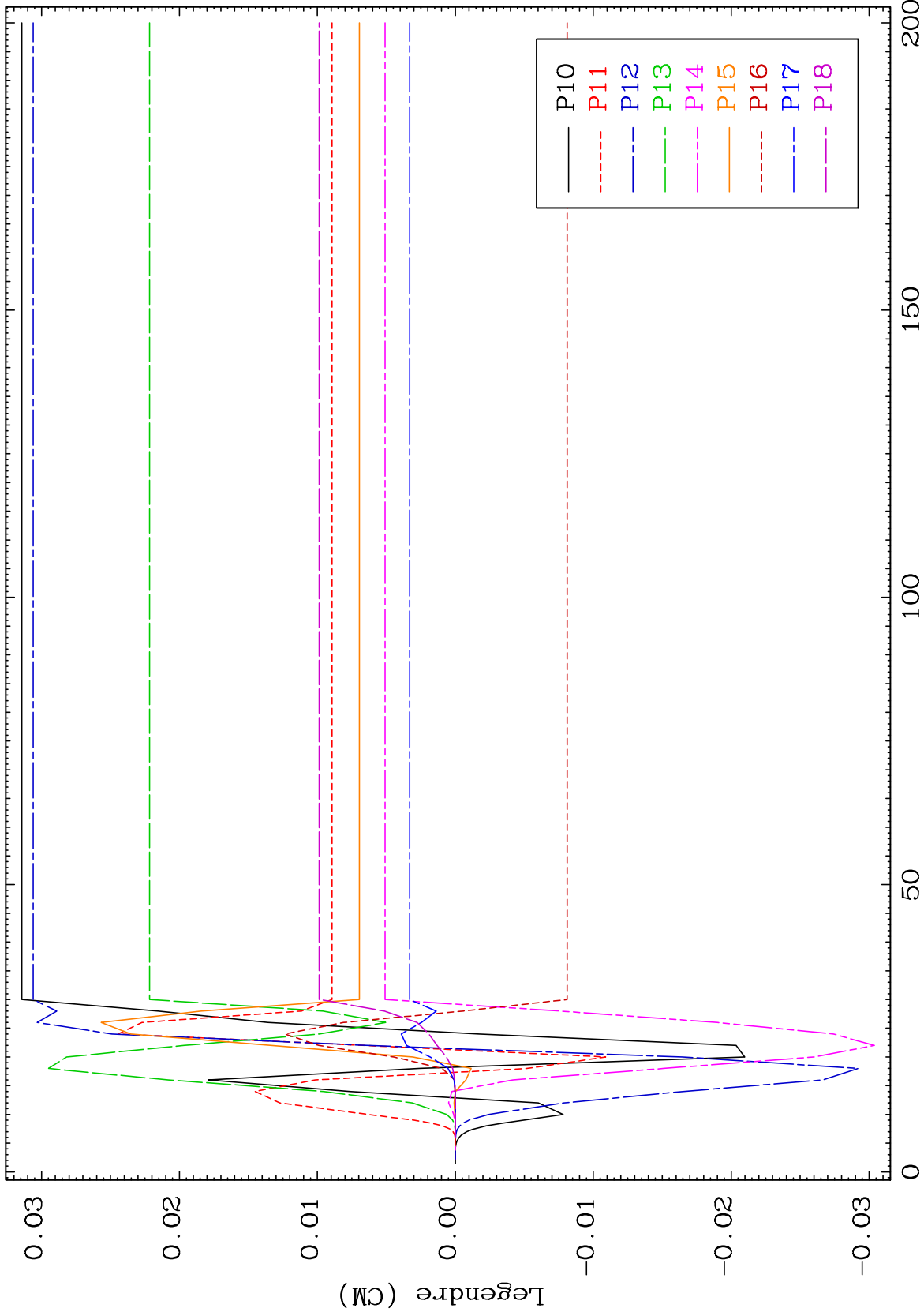
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



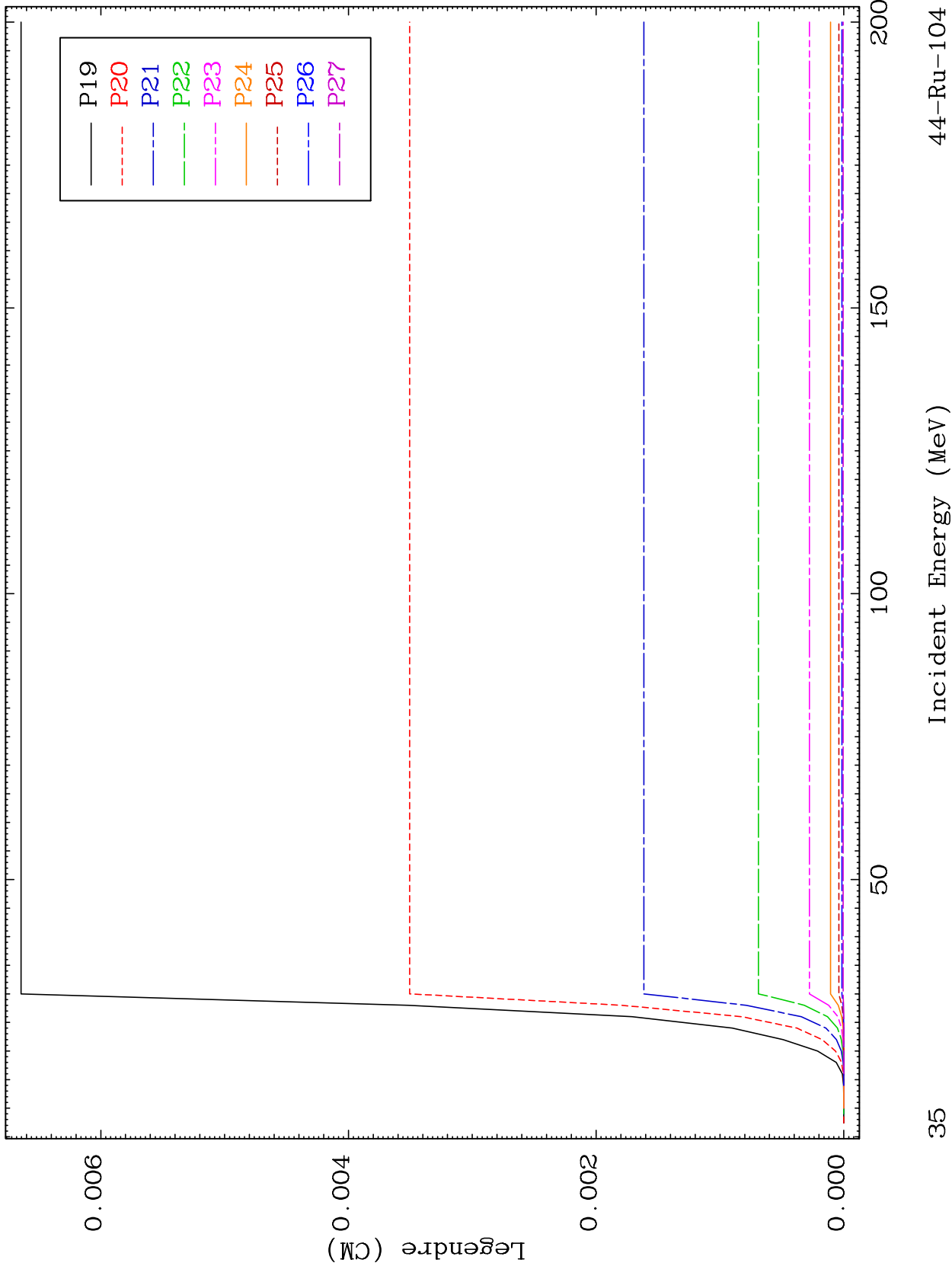
34

44-Ru-104

MAT 4449

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

44-Ru-104



35

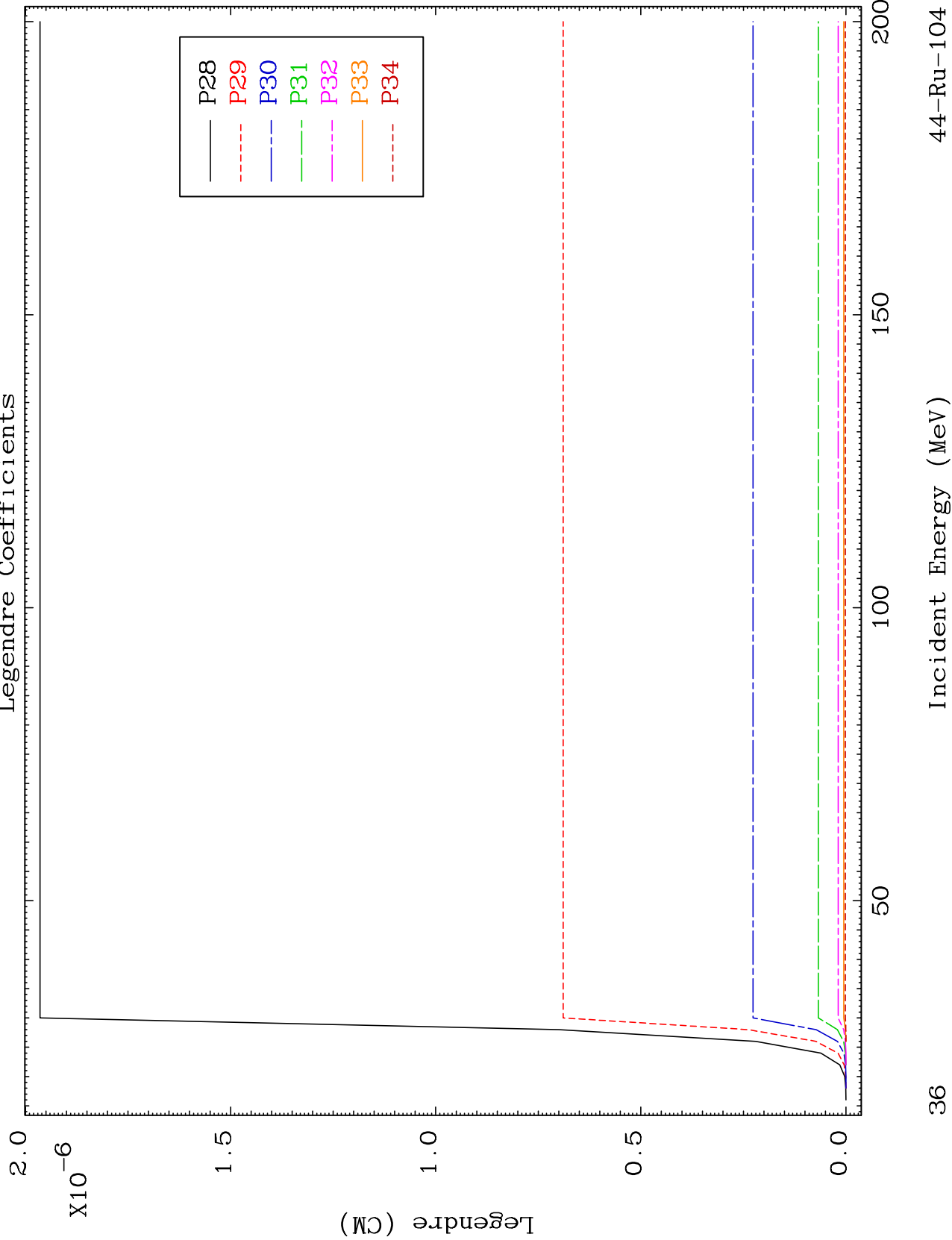
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



36

Incident Energy (MeV)

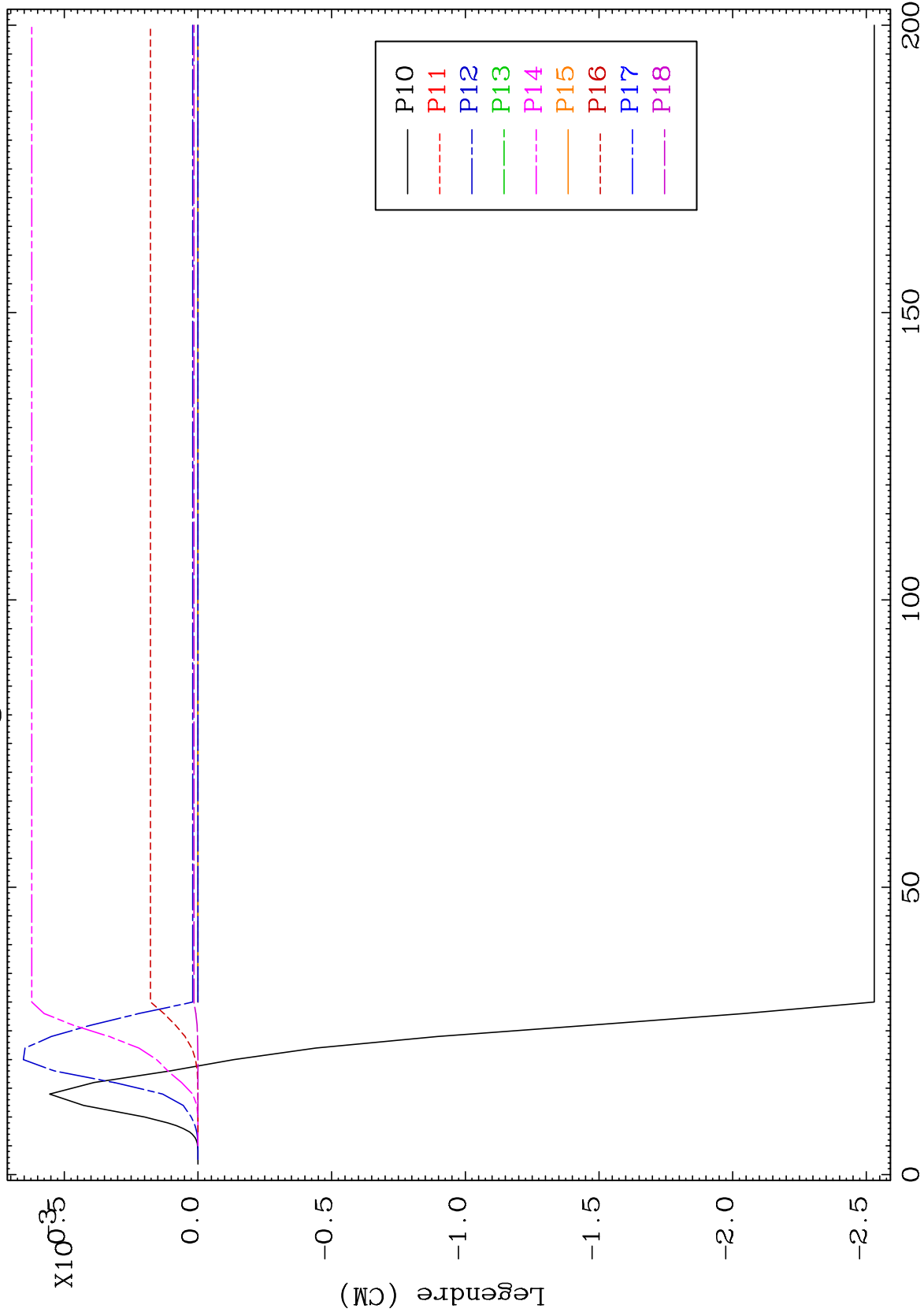
44-Ru-104



MAT 4449

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

44-Ru-104



38

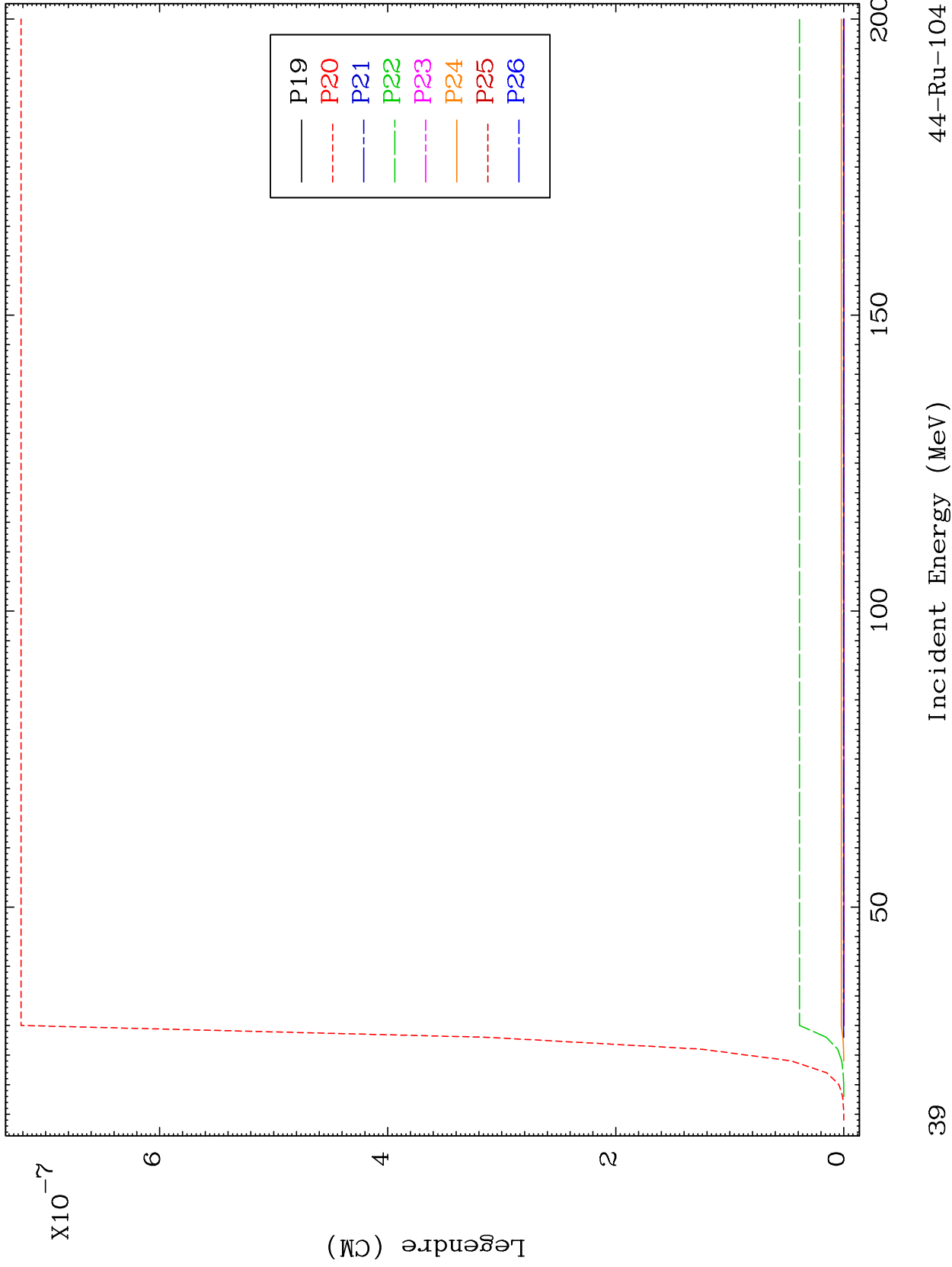
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



39

Incident Energy (MeV)

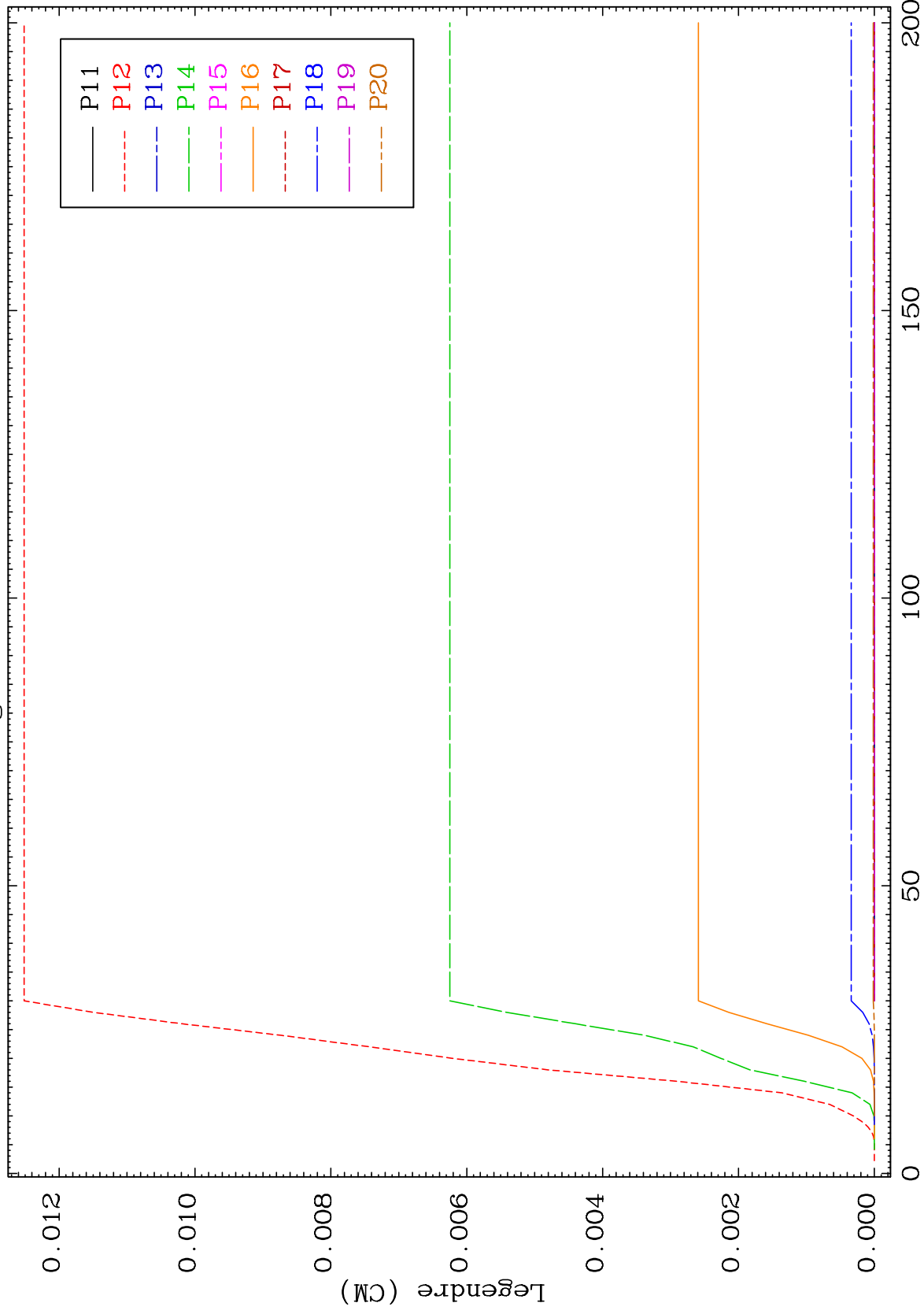
44-Ru-104



MAT 4449

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

44-Ru-104



41

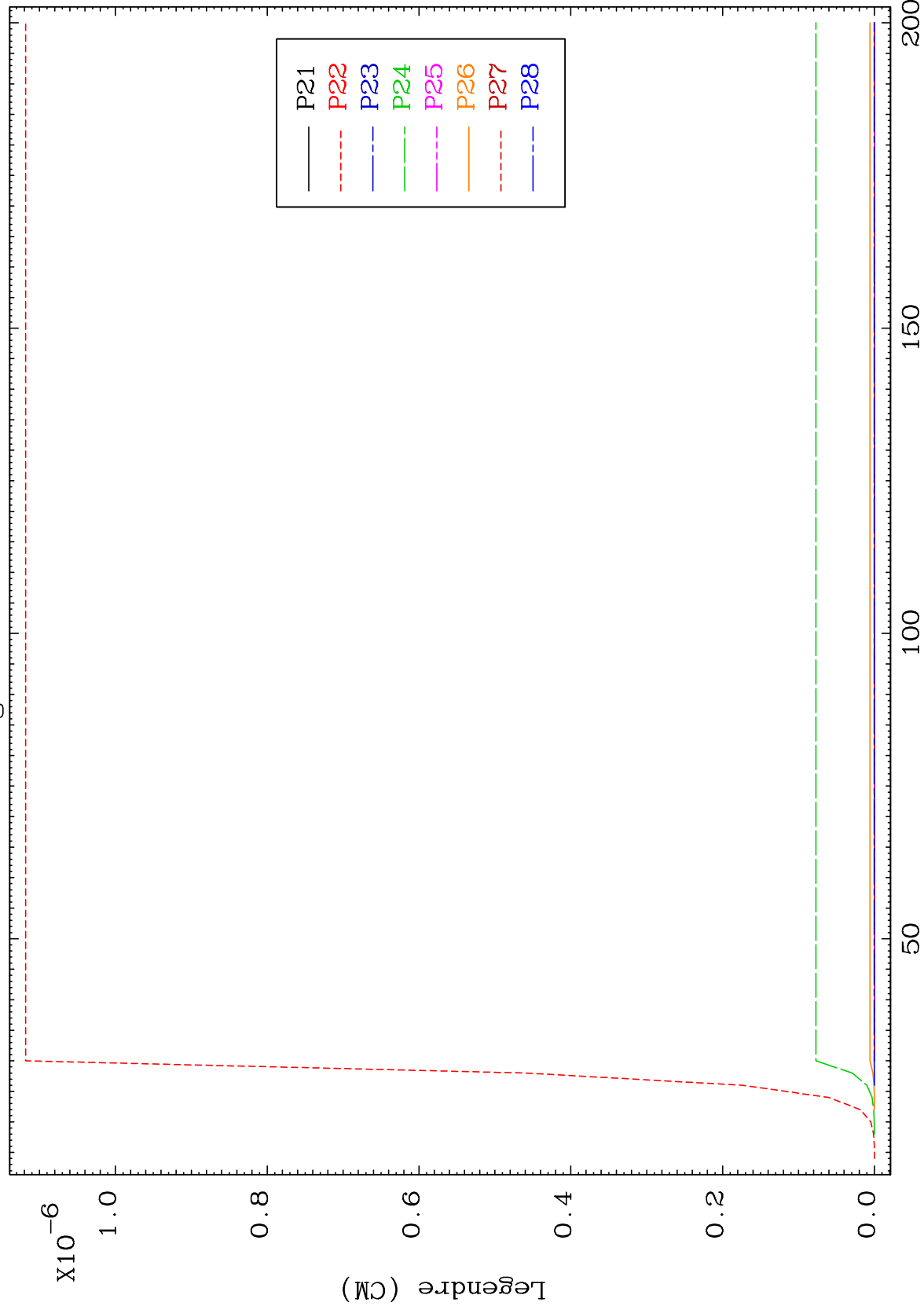
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



42

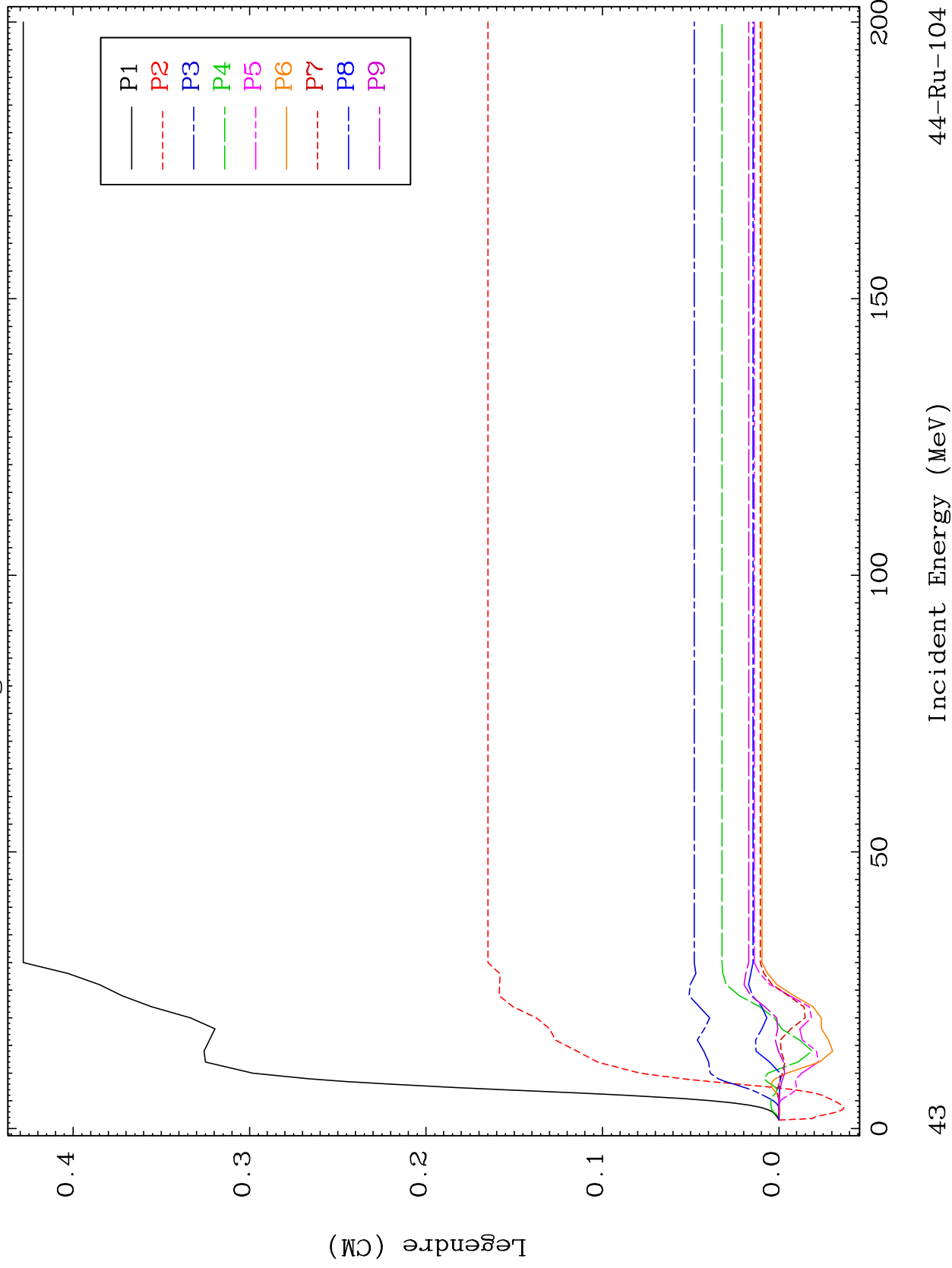
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

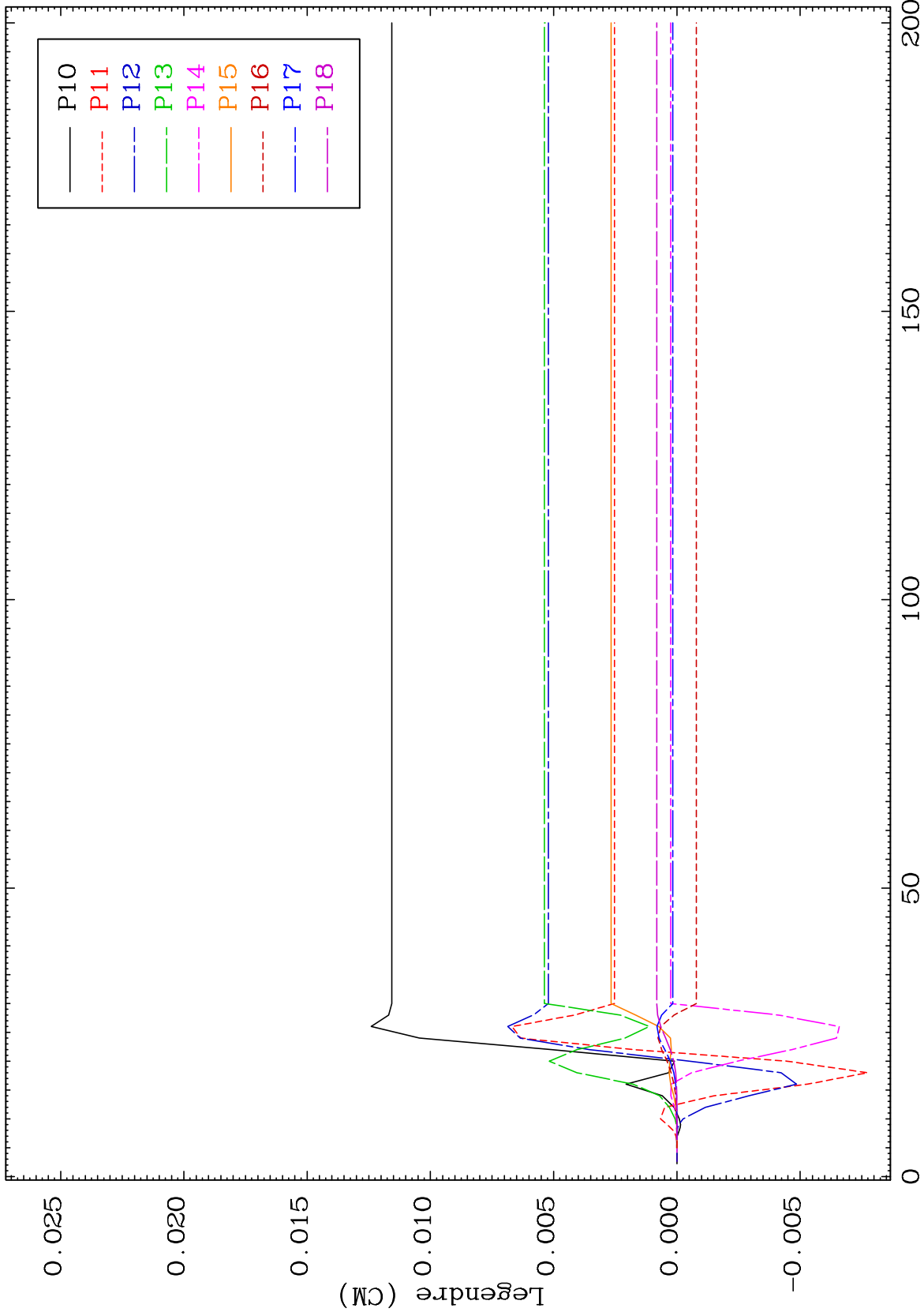
Incident Energy (MeV)

43

MAT 4449

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

44-Ru-104



44

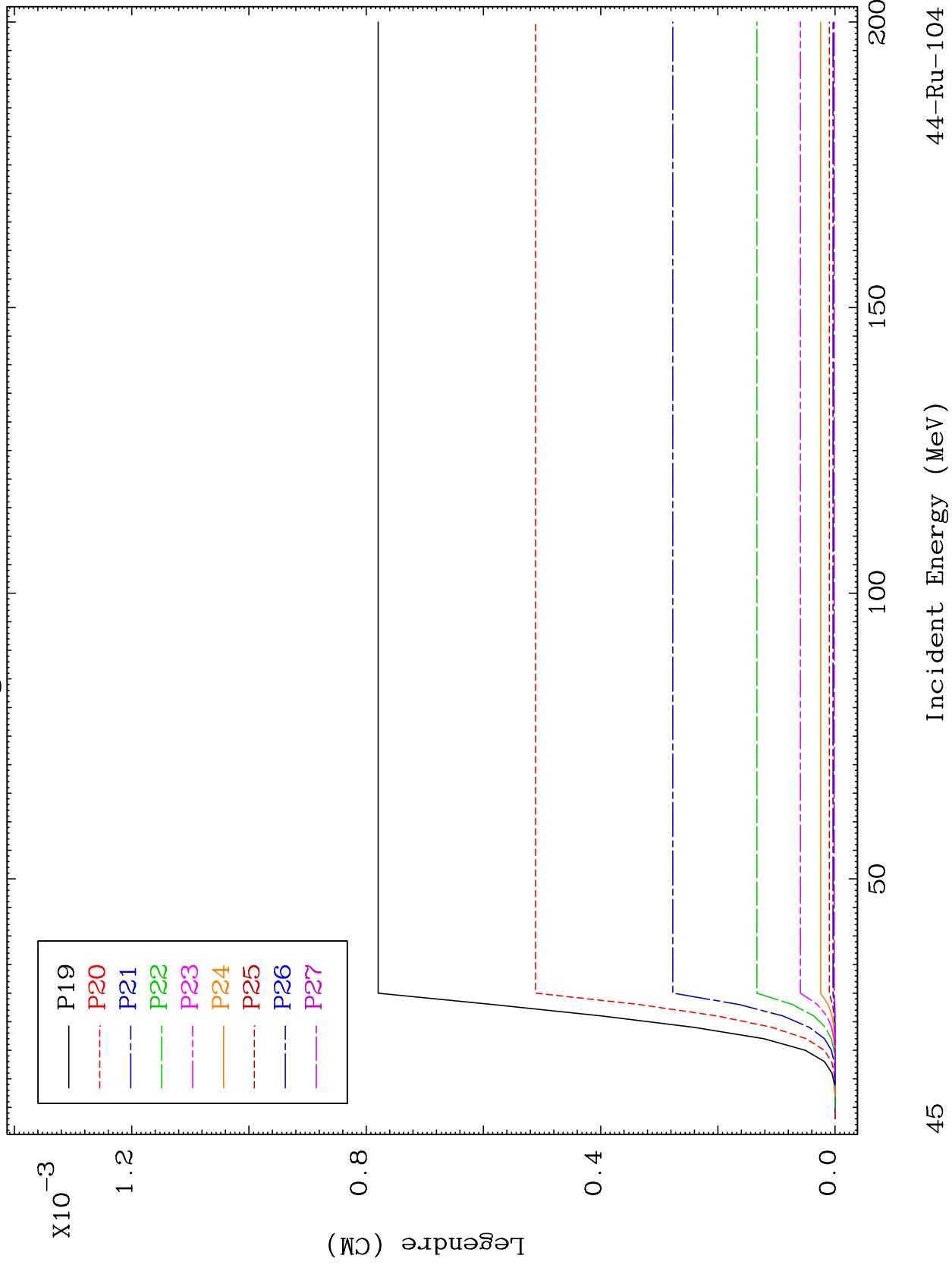
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



45

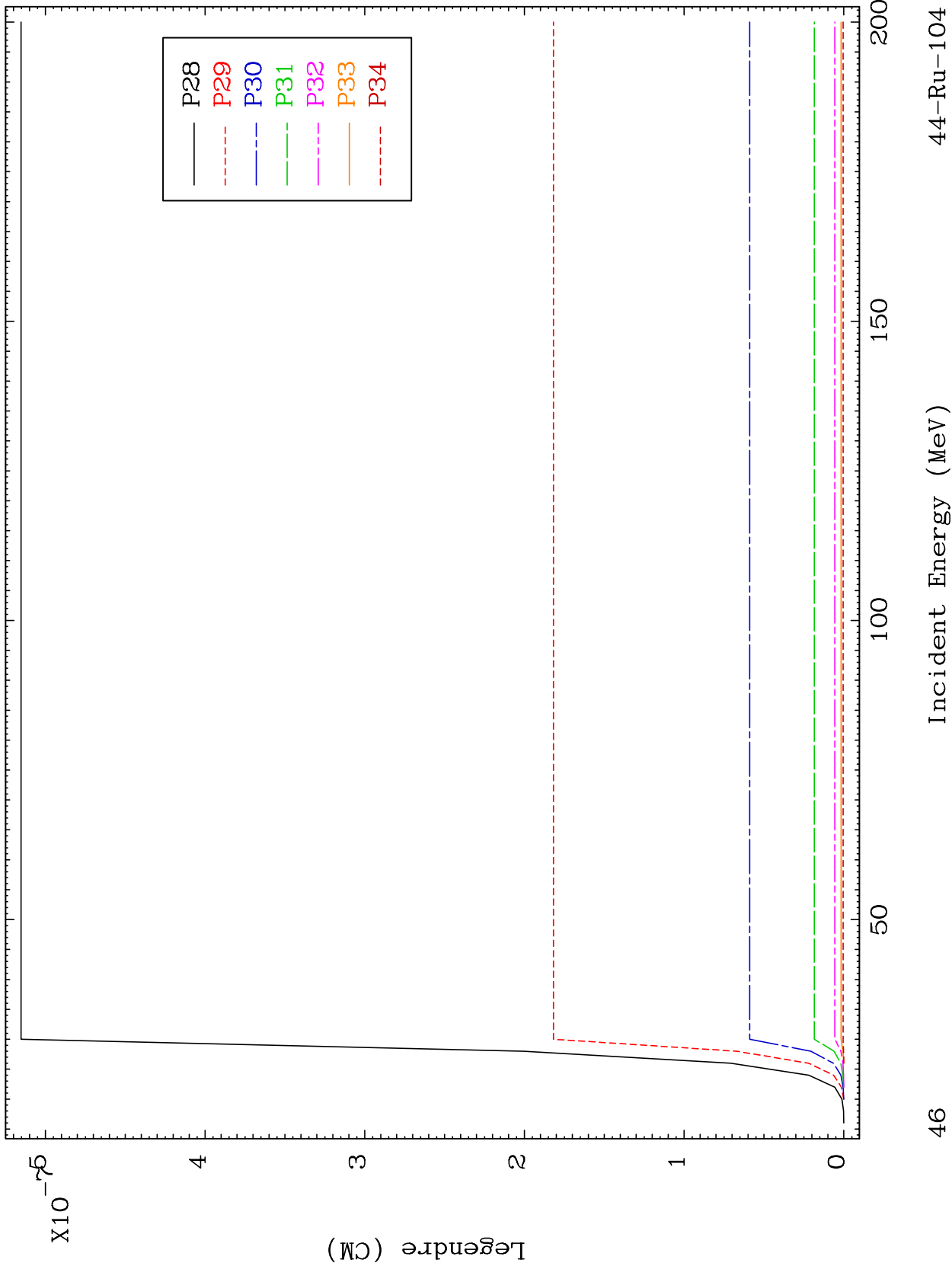
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

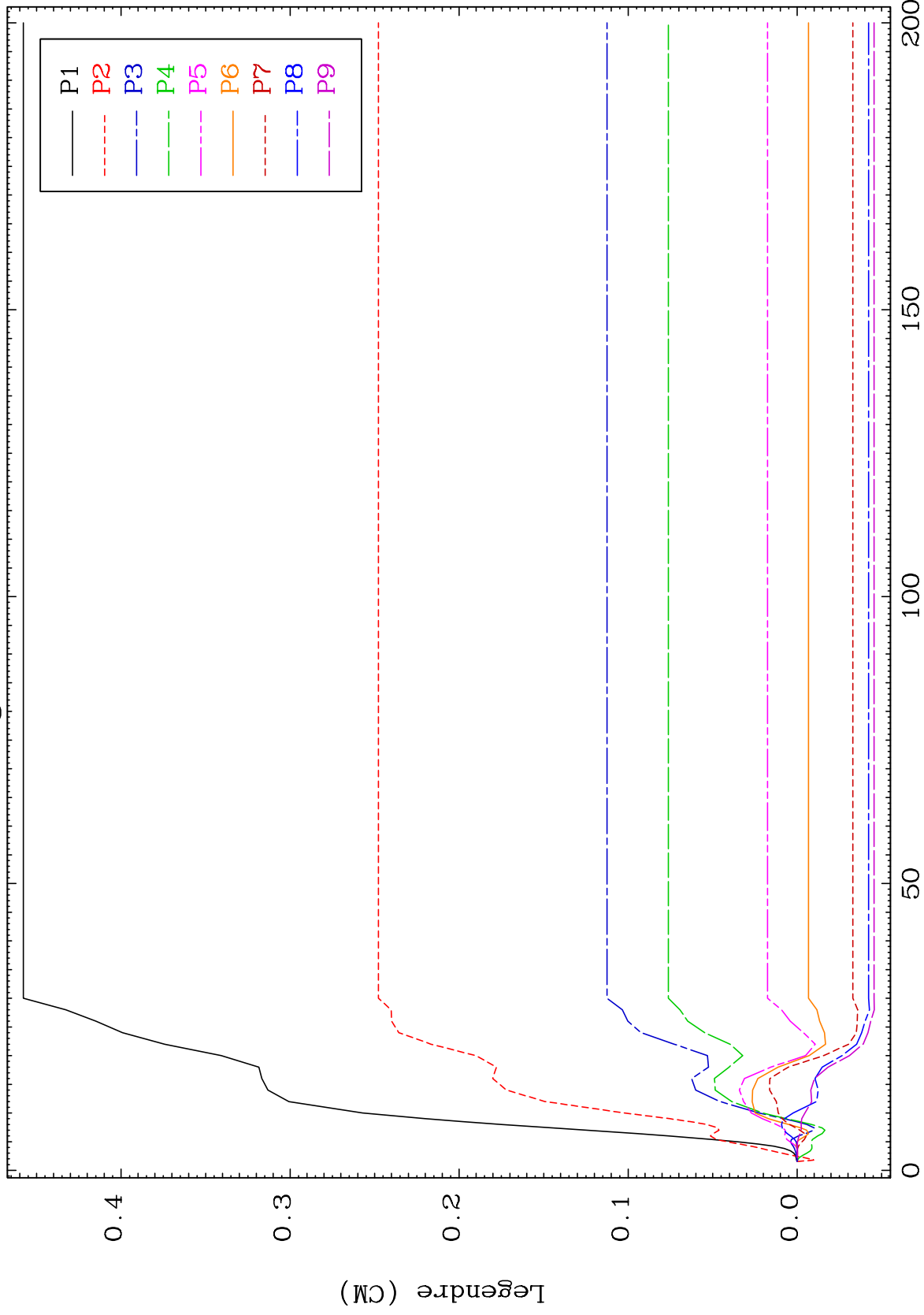
44-Ru-104



MAT 4449

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

44-Ru-104



47

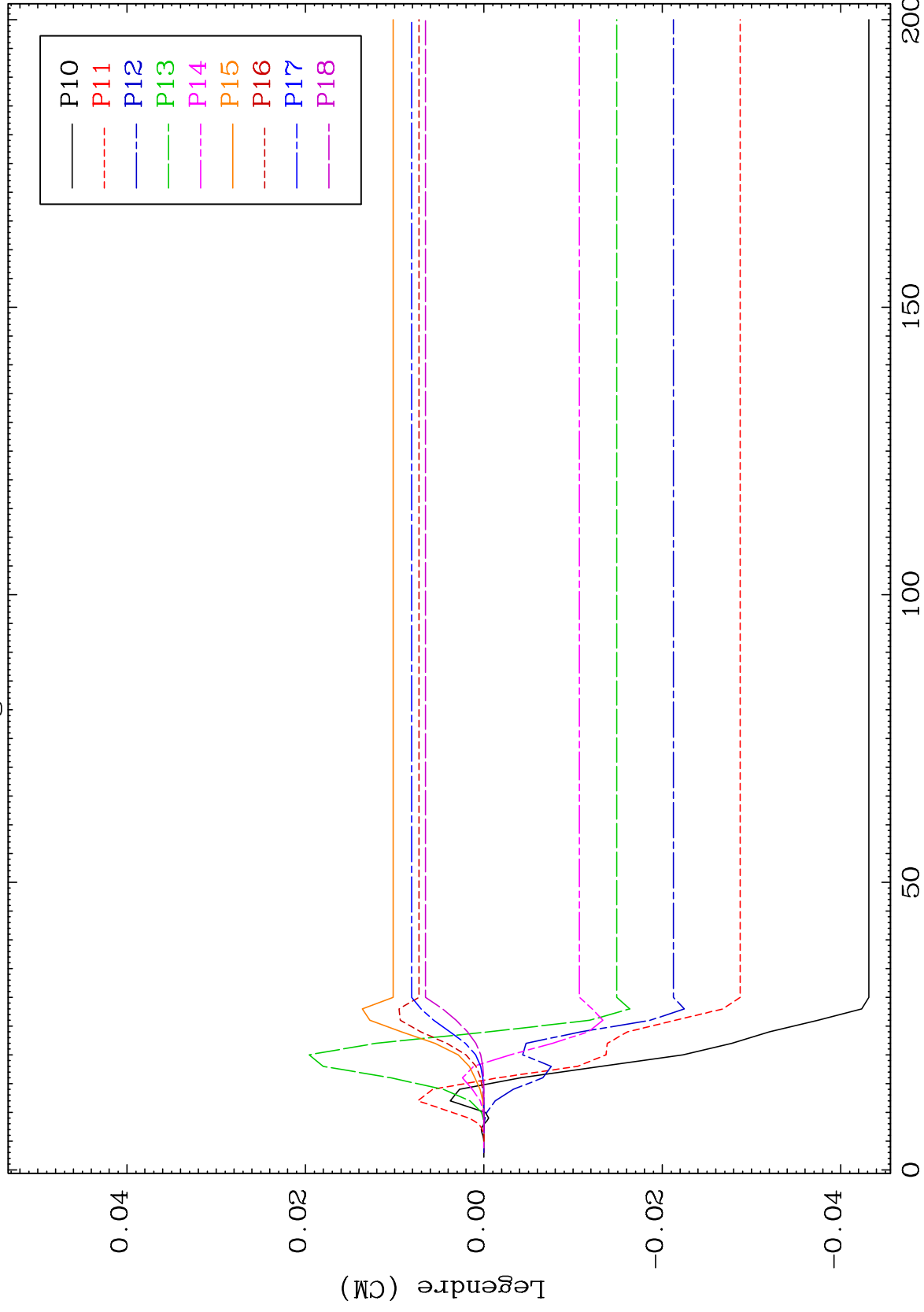
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



48

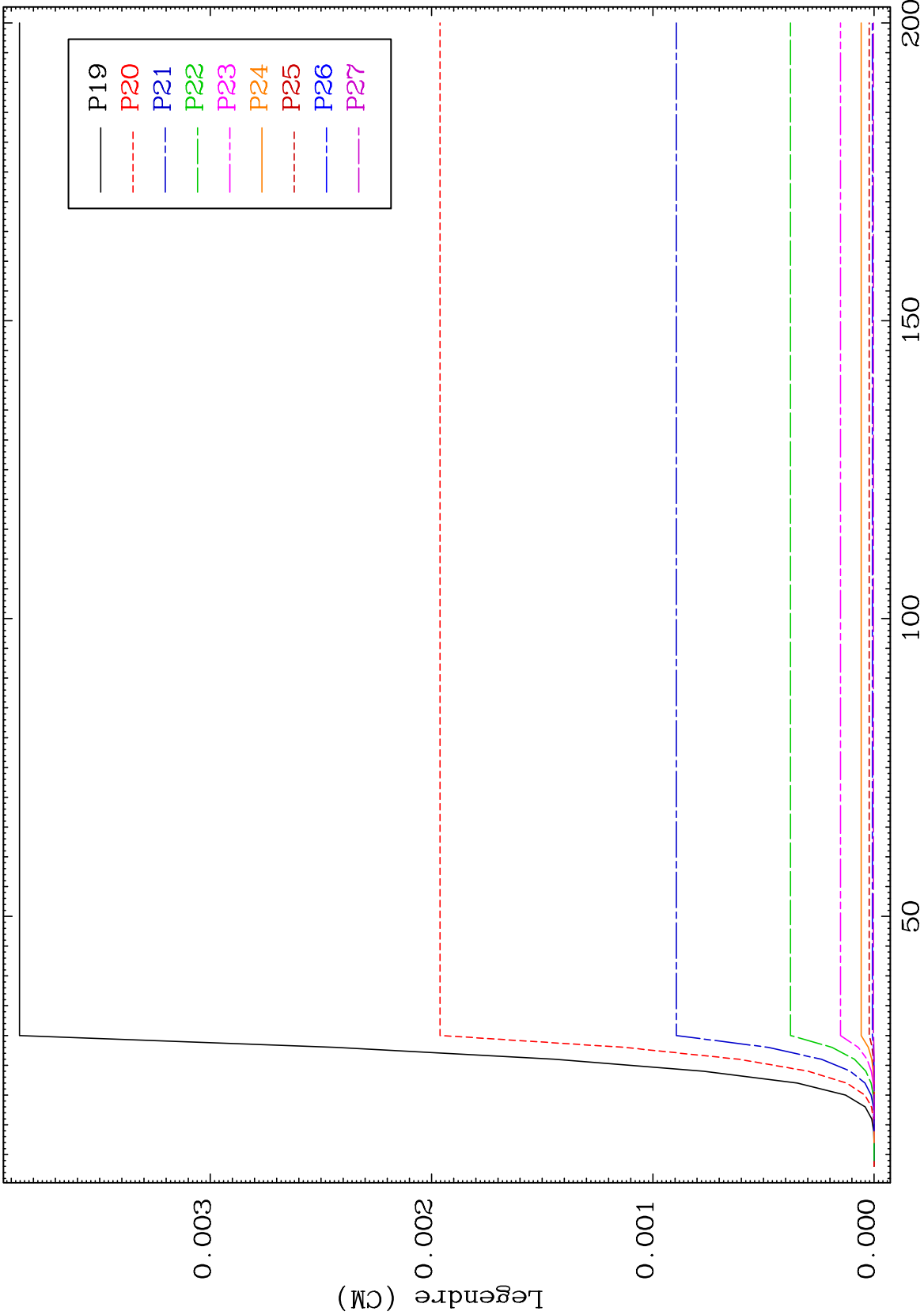
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



49

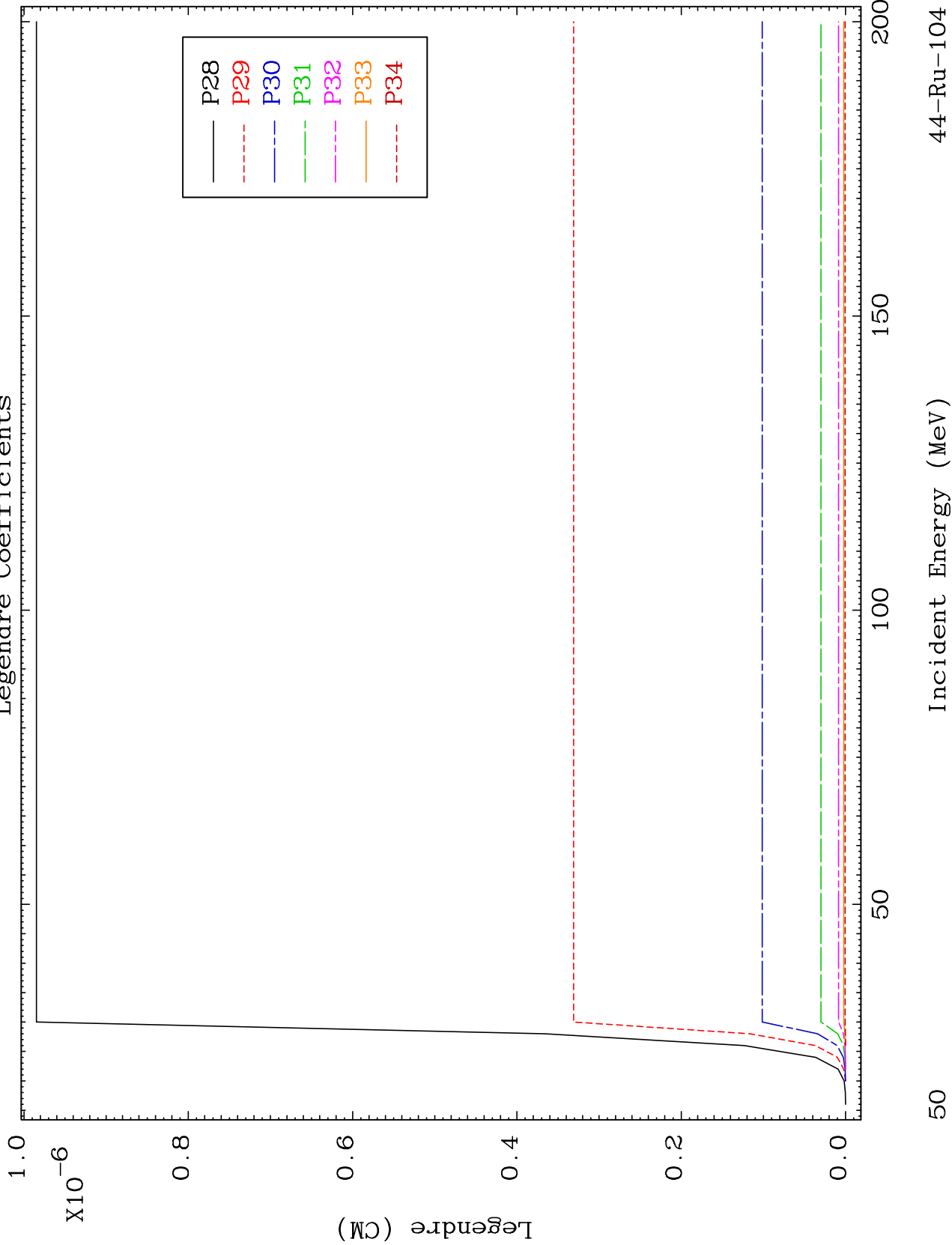
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

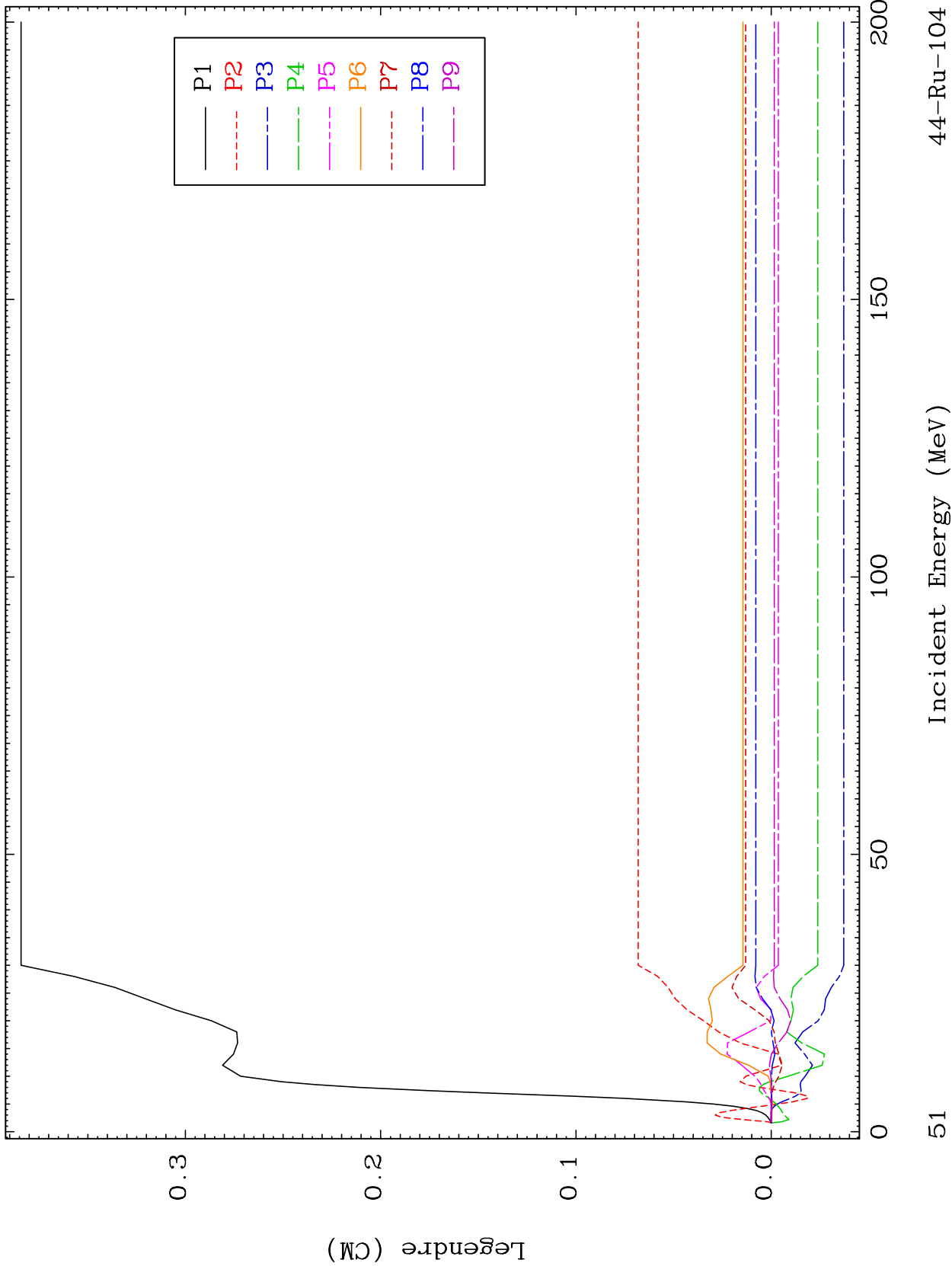
Incident Energy (MeV)

50

MAT 4449

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

44-Ru-104



44-Ru-104

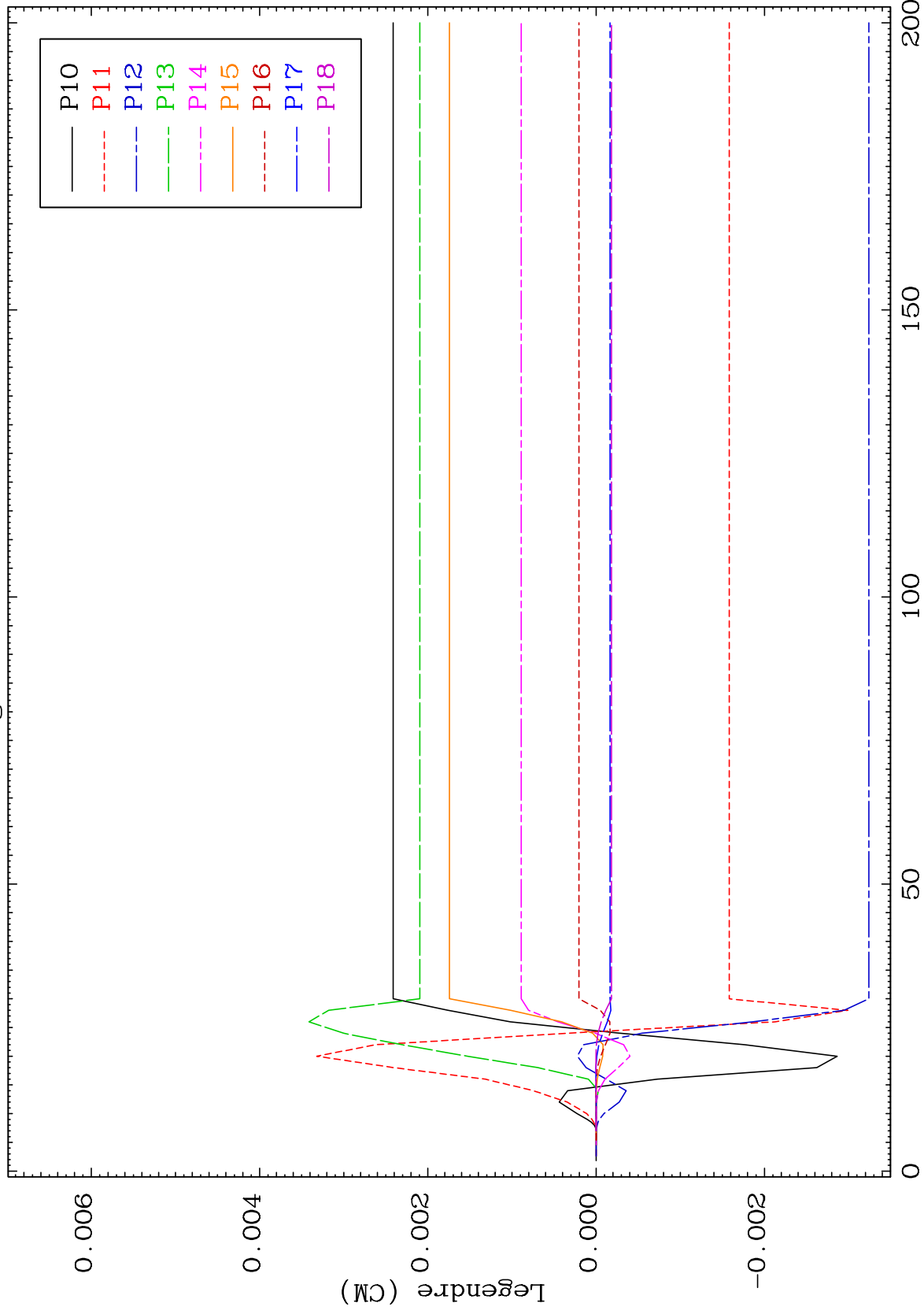
Incident Energy (MeV)

51

MAT 4449

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

44-Ru-104



52

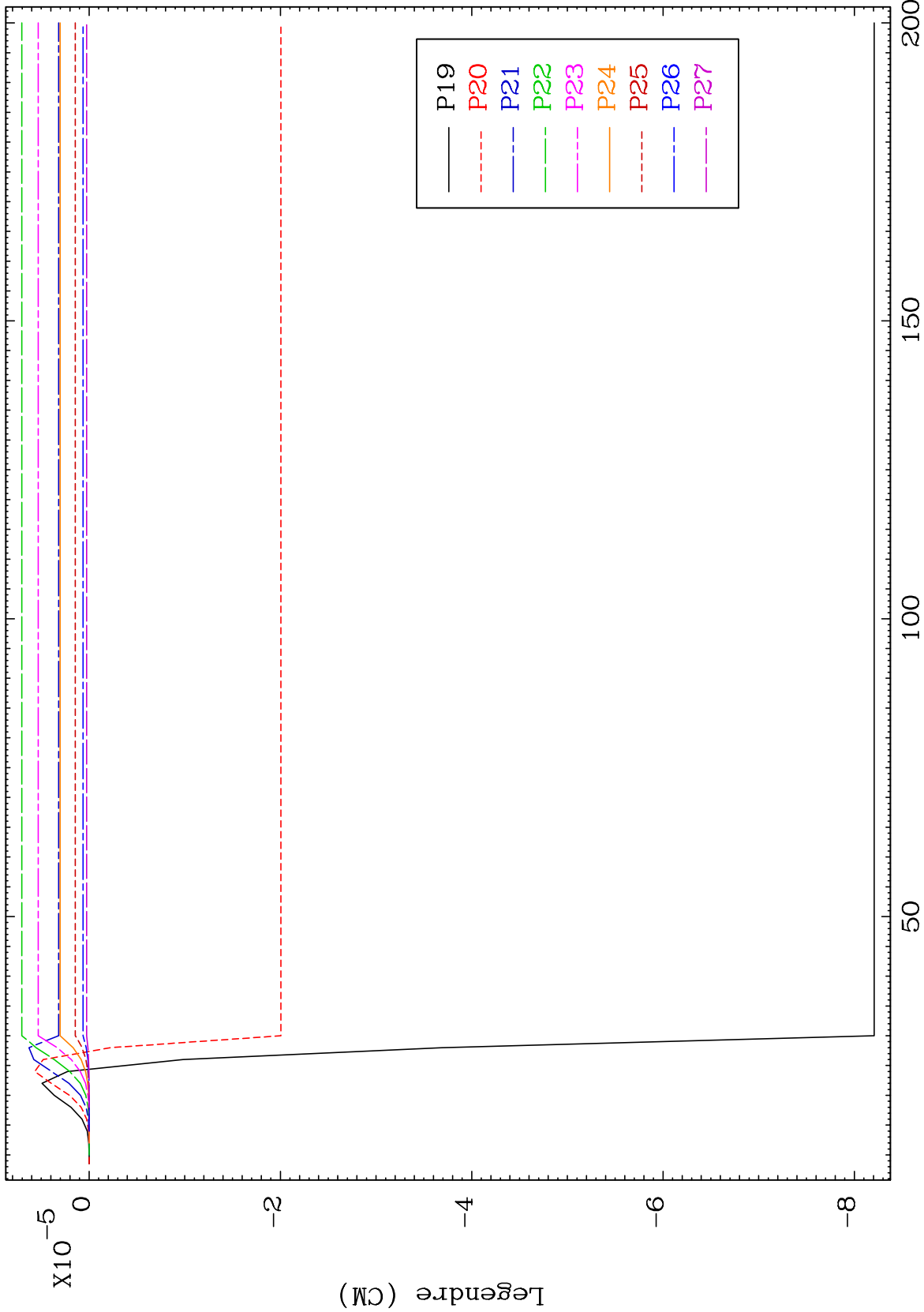
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

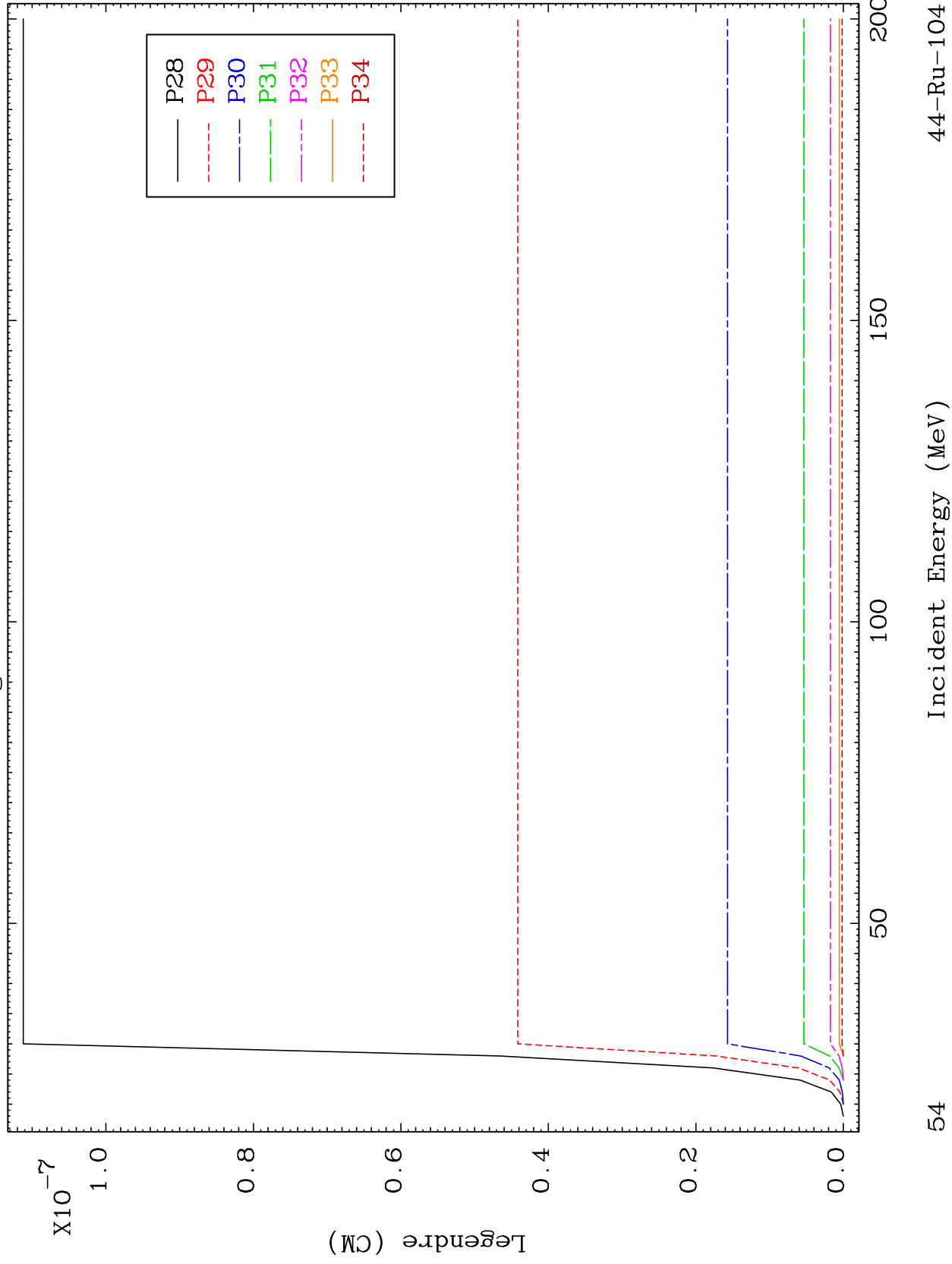
44-Ru-104



MAT 4449

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

44-Ru-104



54

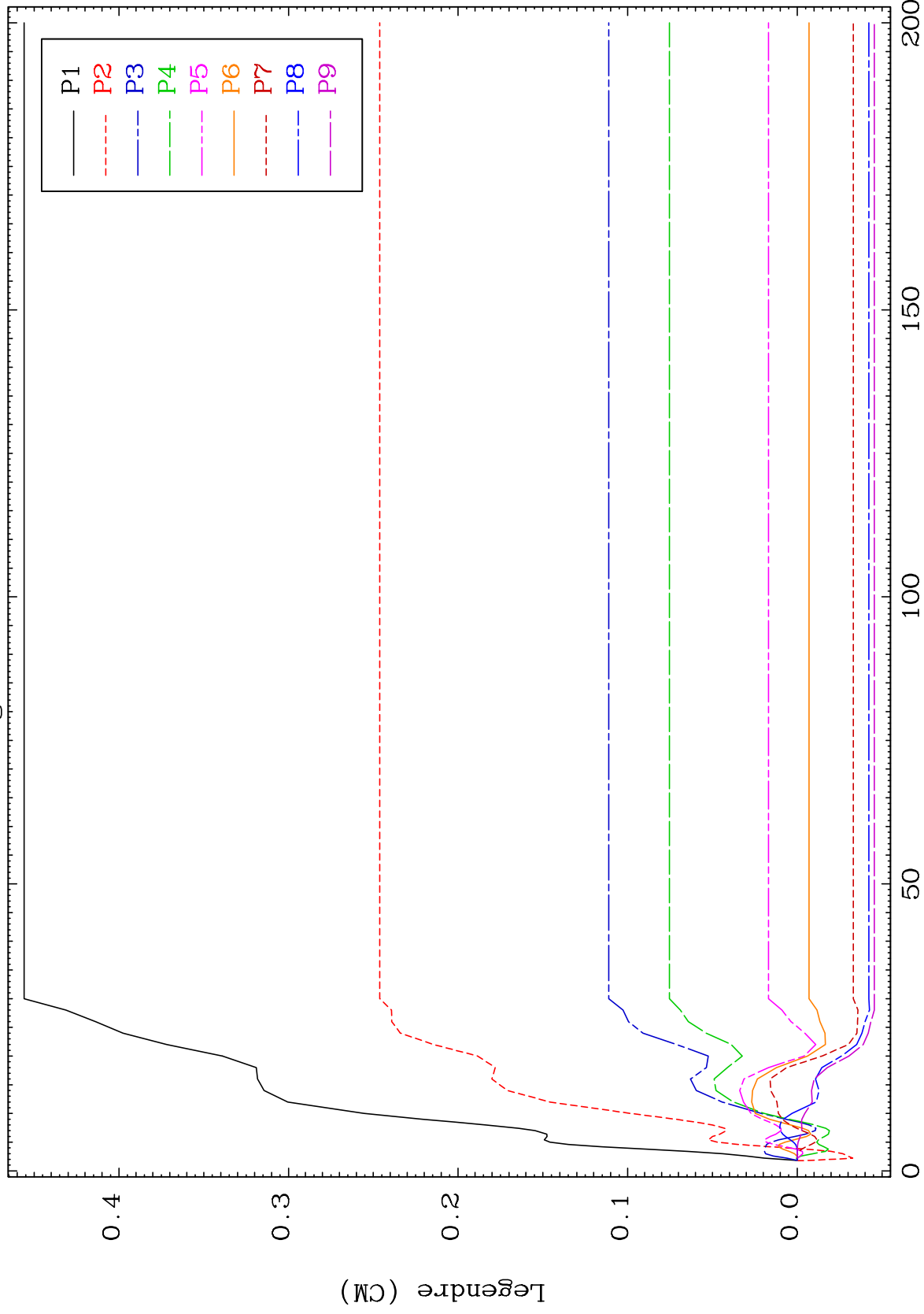
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

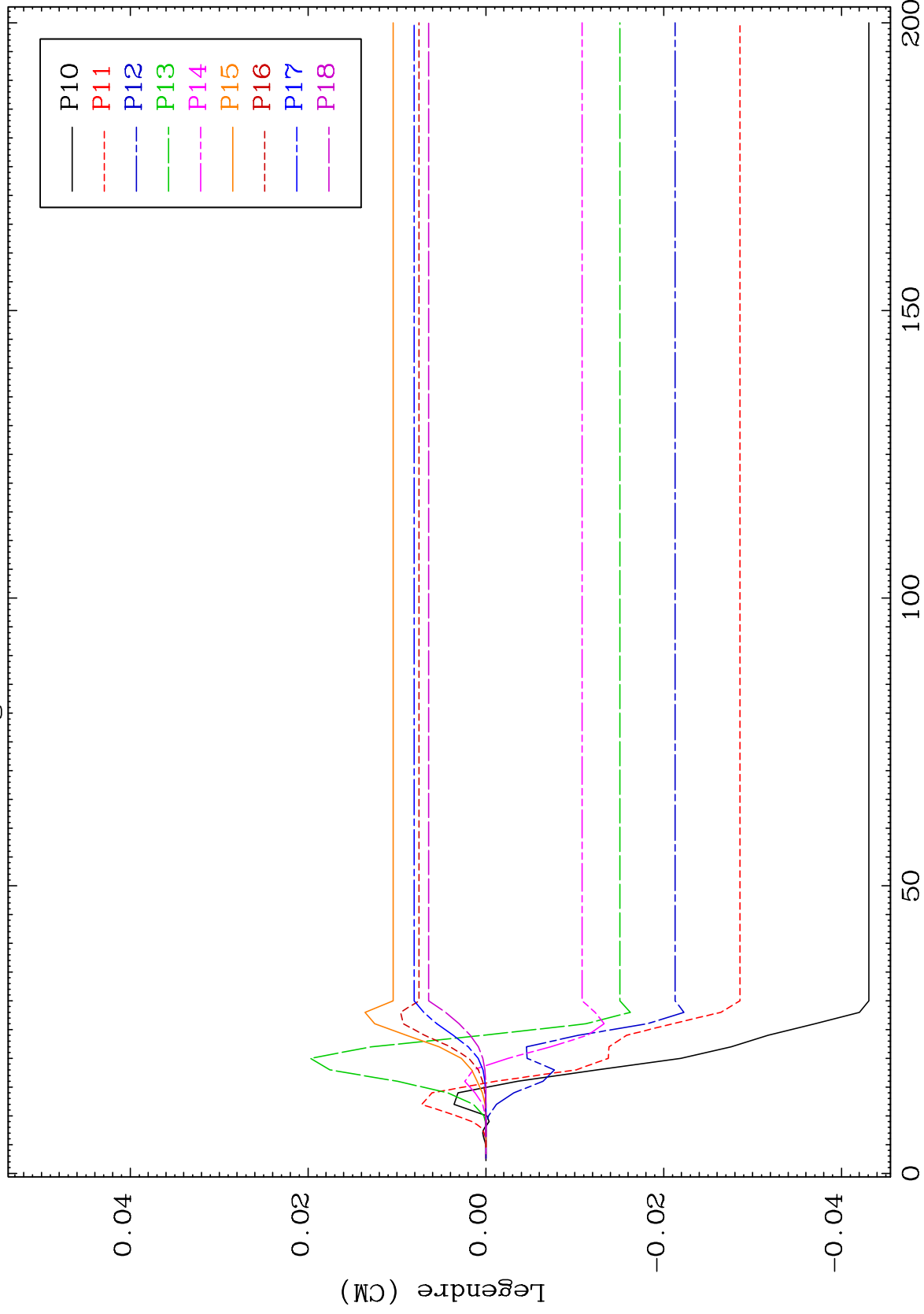
Incident Energy (MeV)

55

MAT 4449

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

44-Ru-104



56

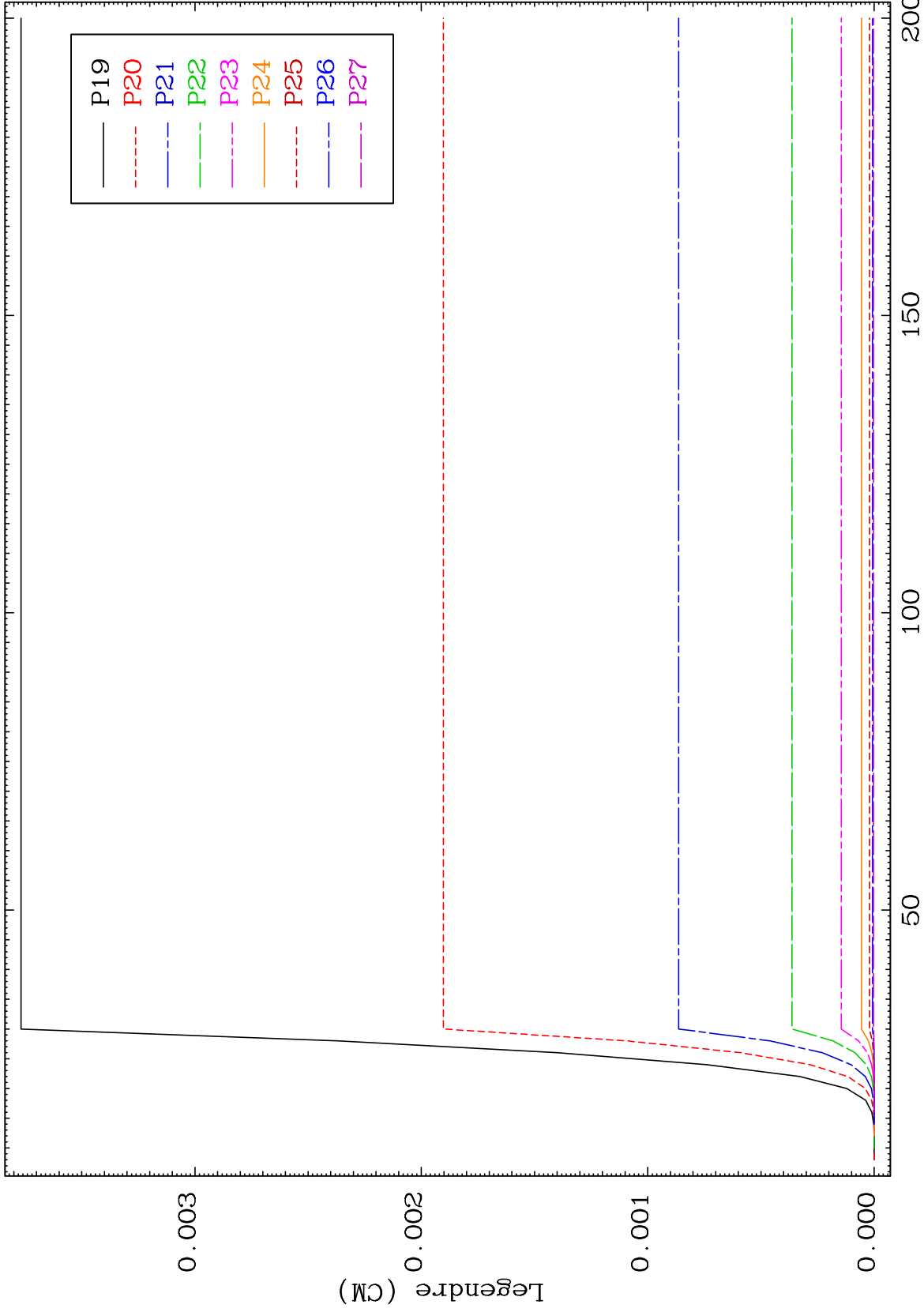
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



57

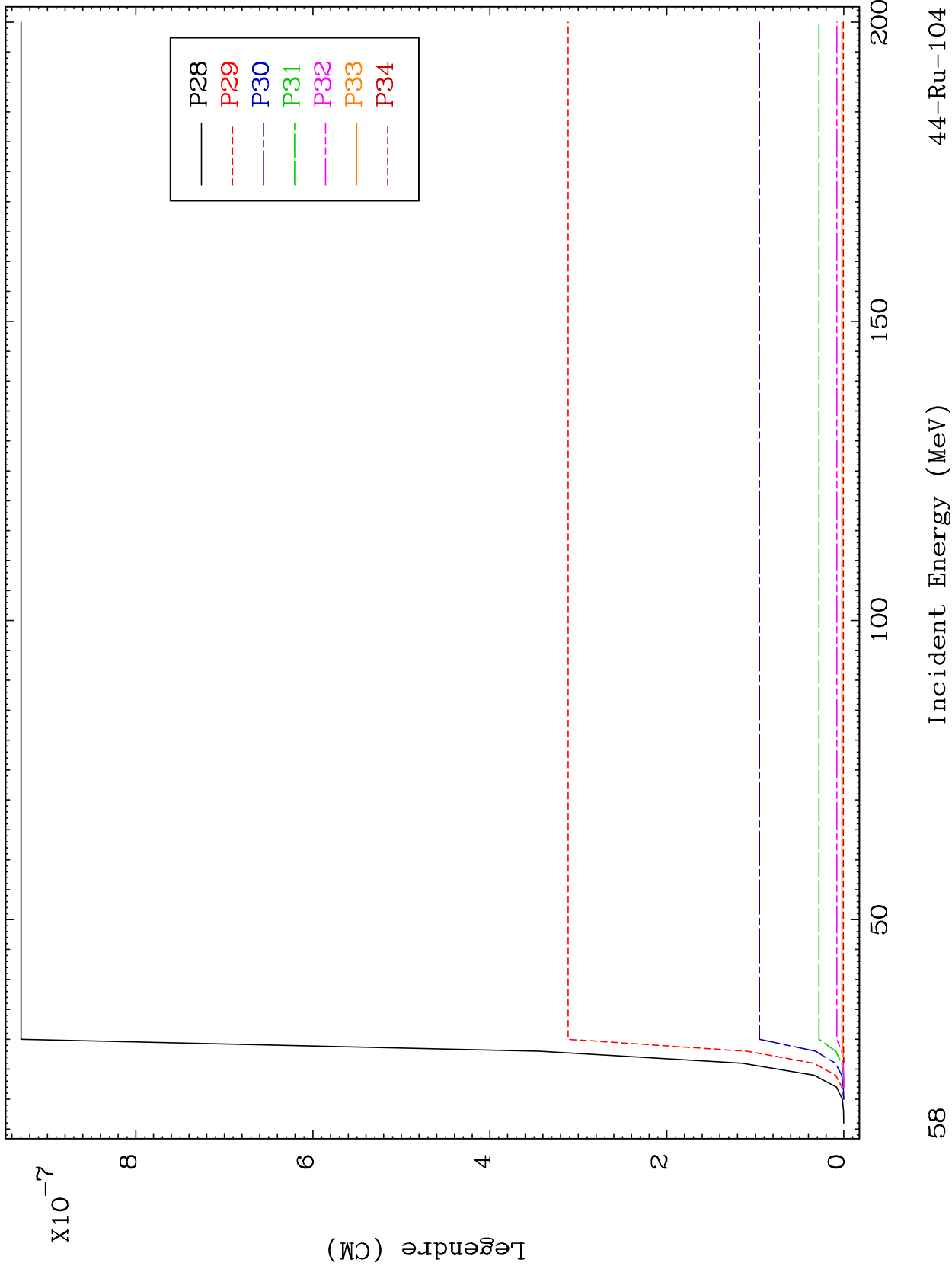
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



58

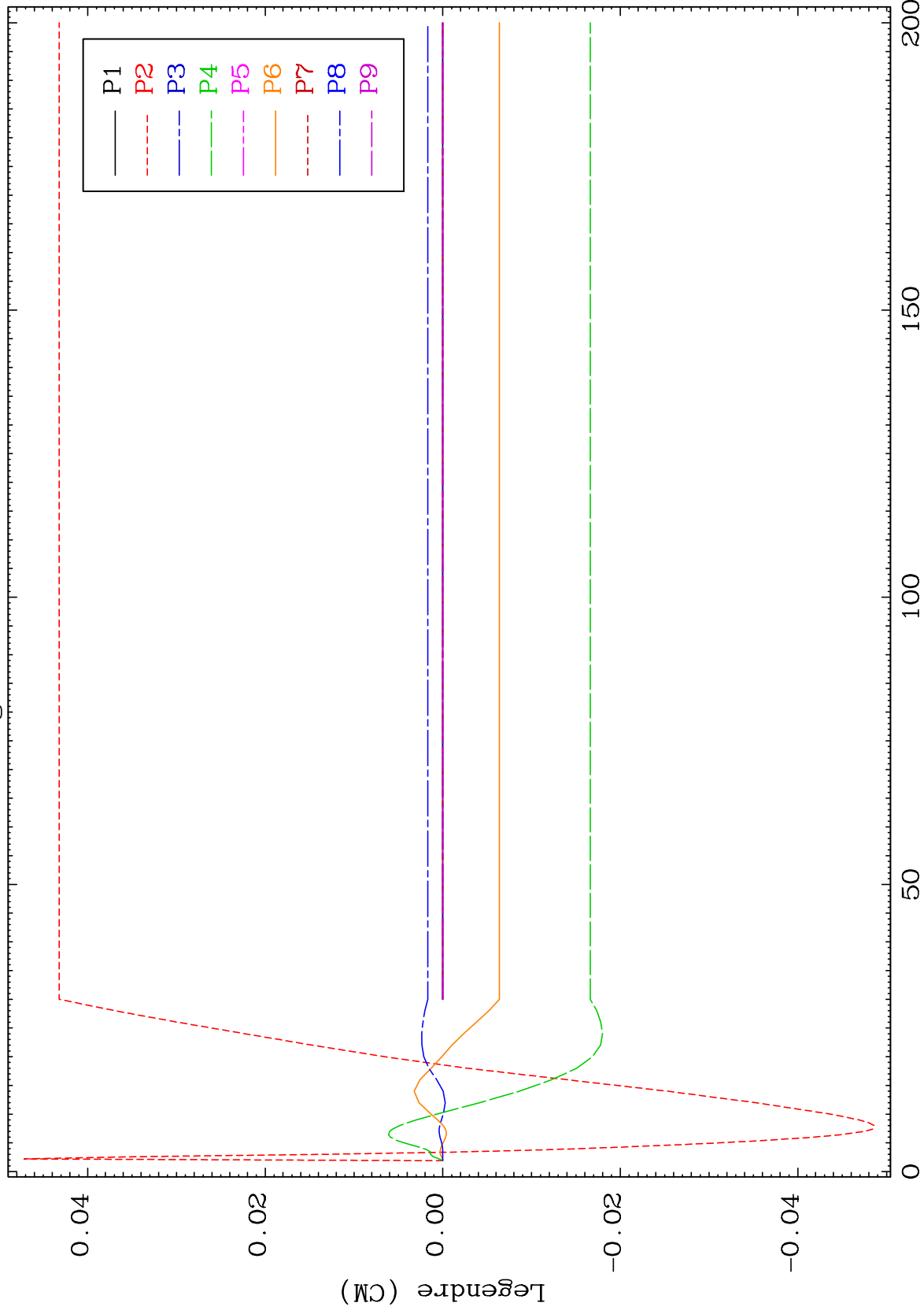
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

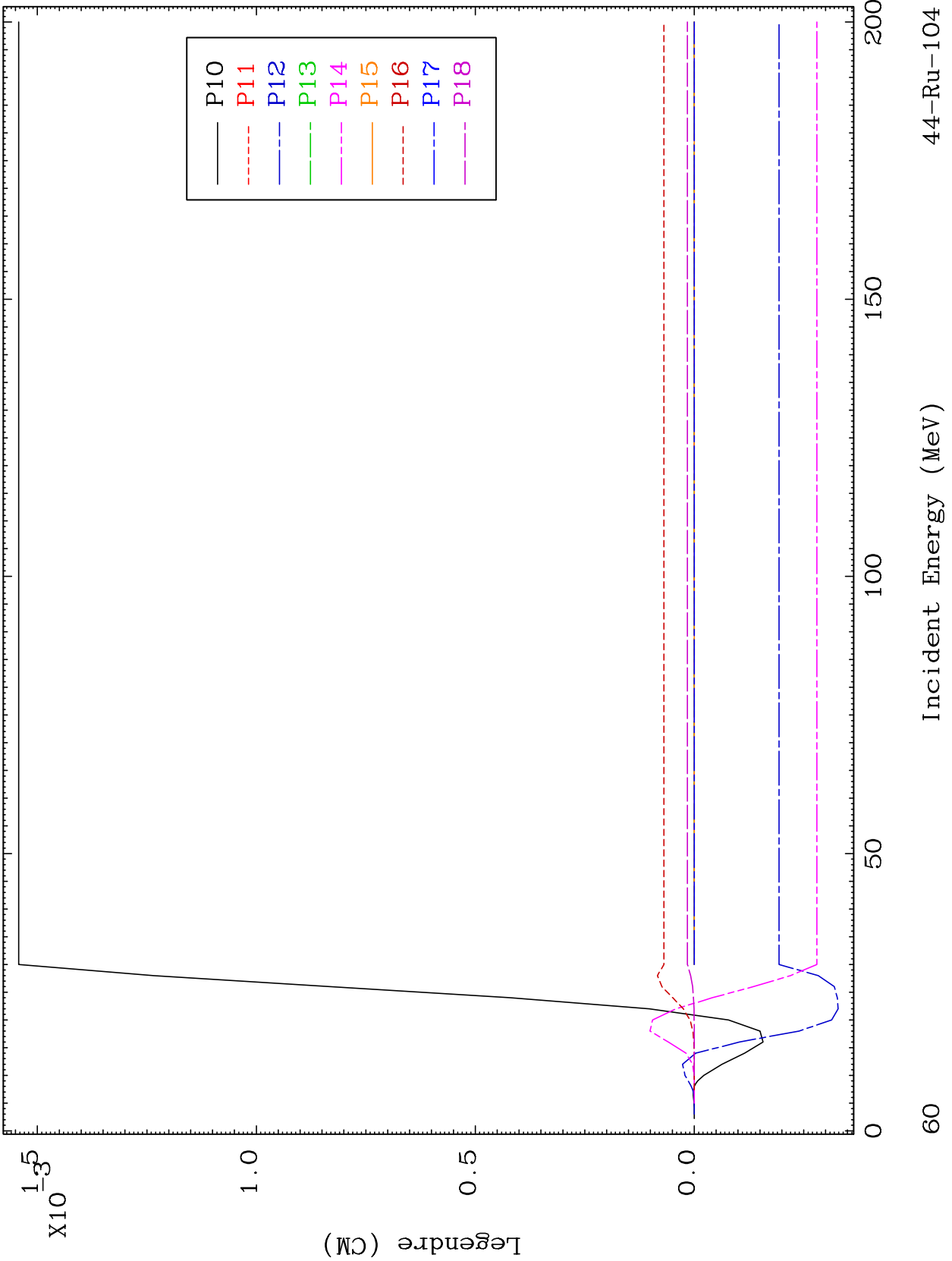
Incident Energy (MeV)

59

MAT 4449

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

44-Ru-104

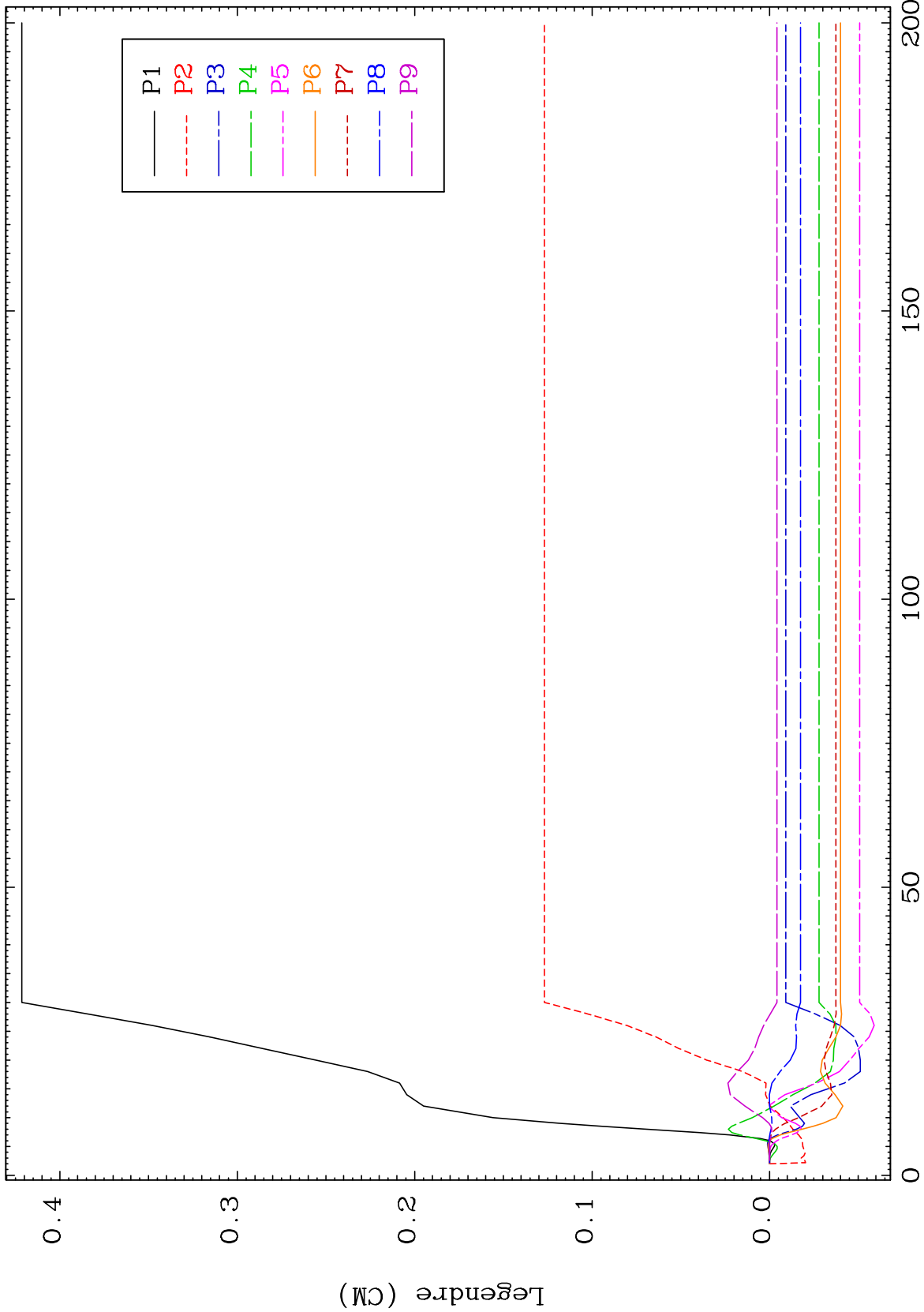




MAT 4449

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

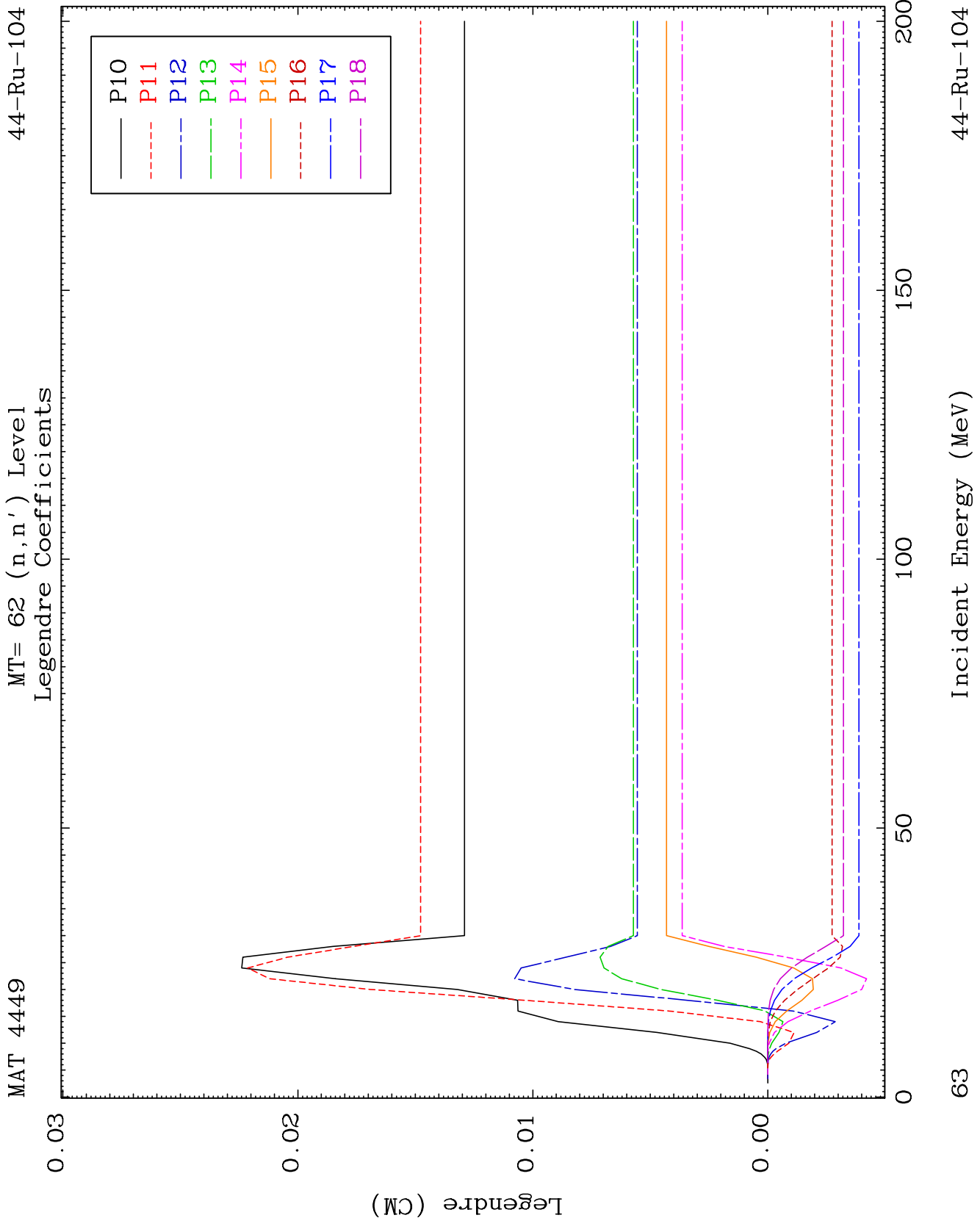
44-Ru-104



62

Incident Energy (MeV)

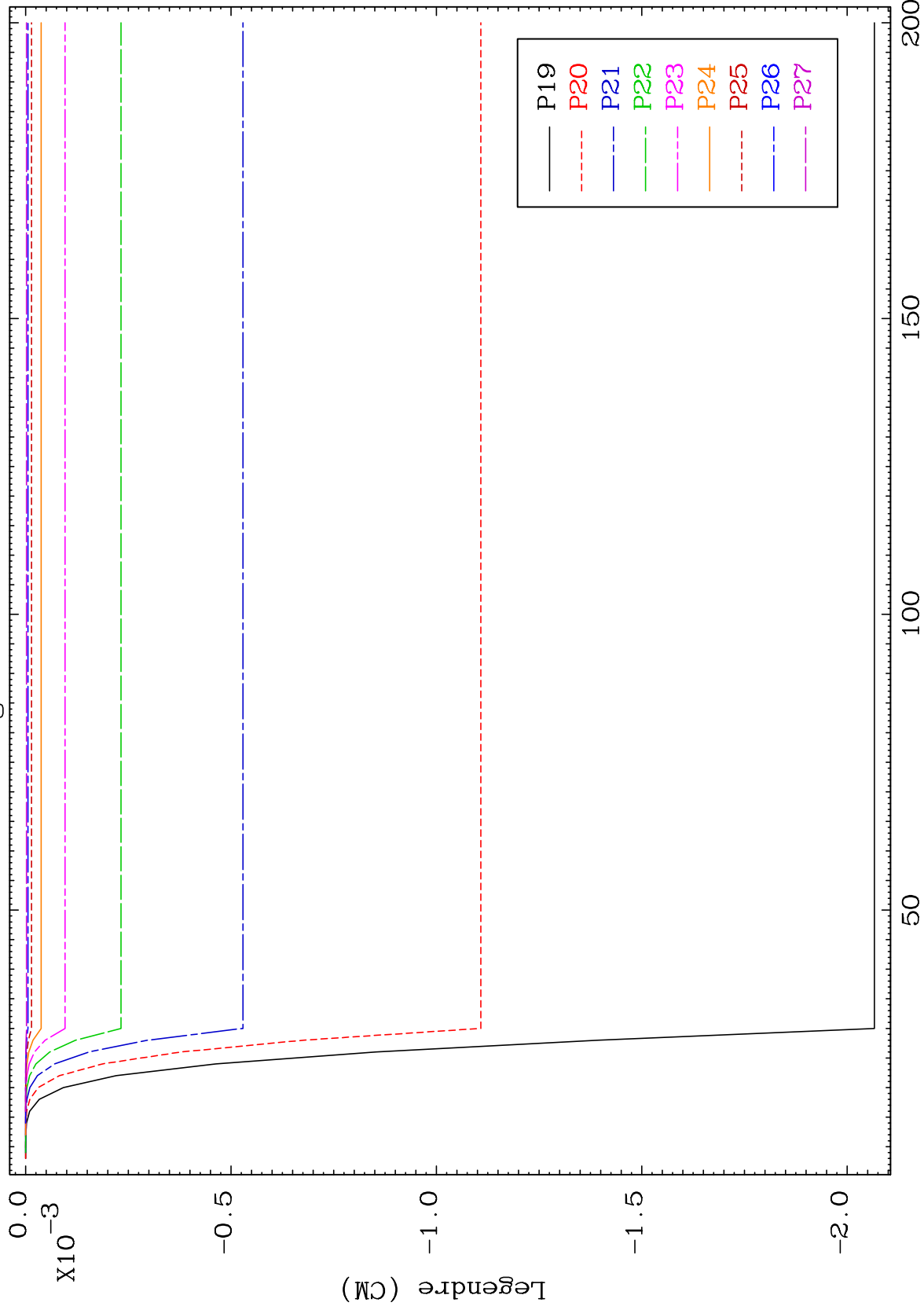
44-Ru-104



MAT 4449

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

44-Ru-104



64

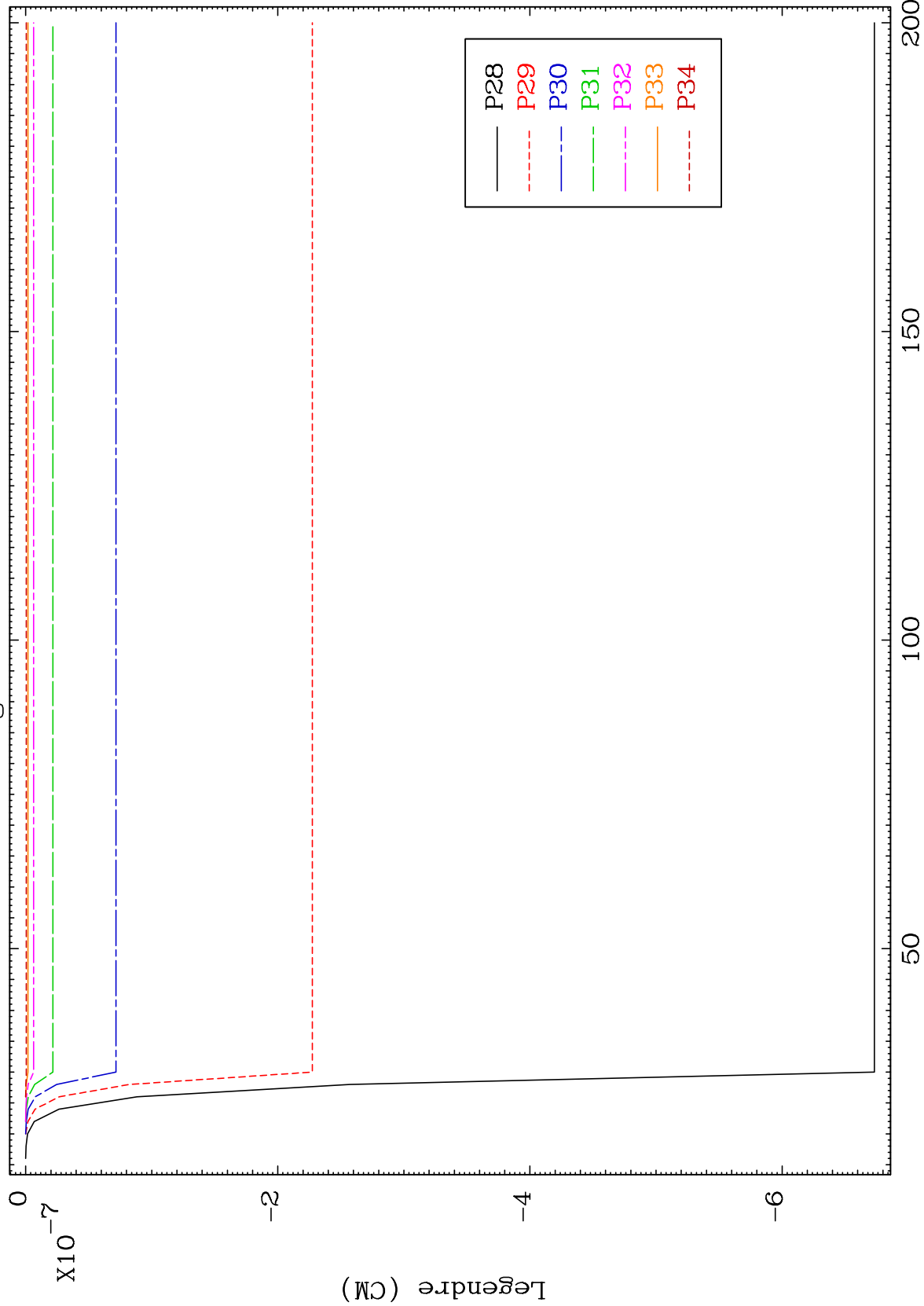
44-Ru-104

MAT 4449

MT= 62 (n,n') Level

44-Ru-104

Legendre Coefficients



65

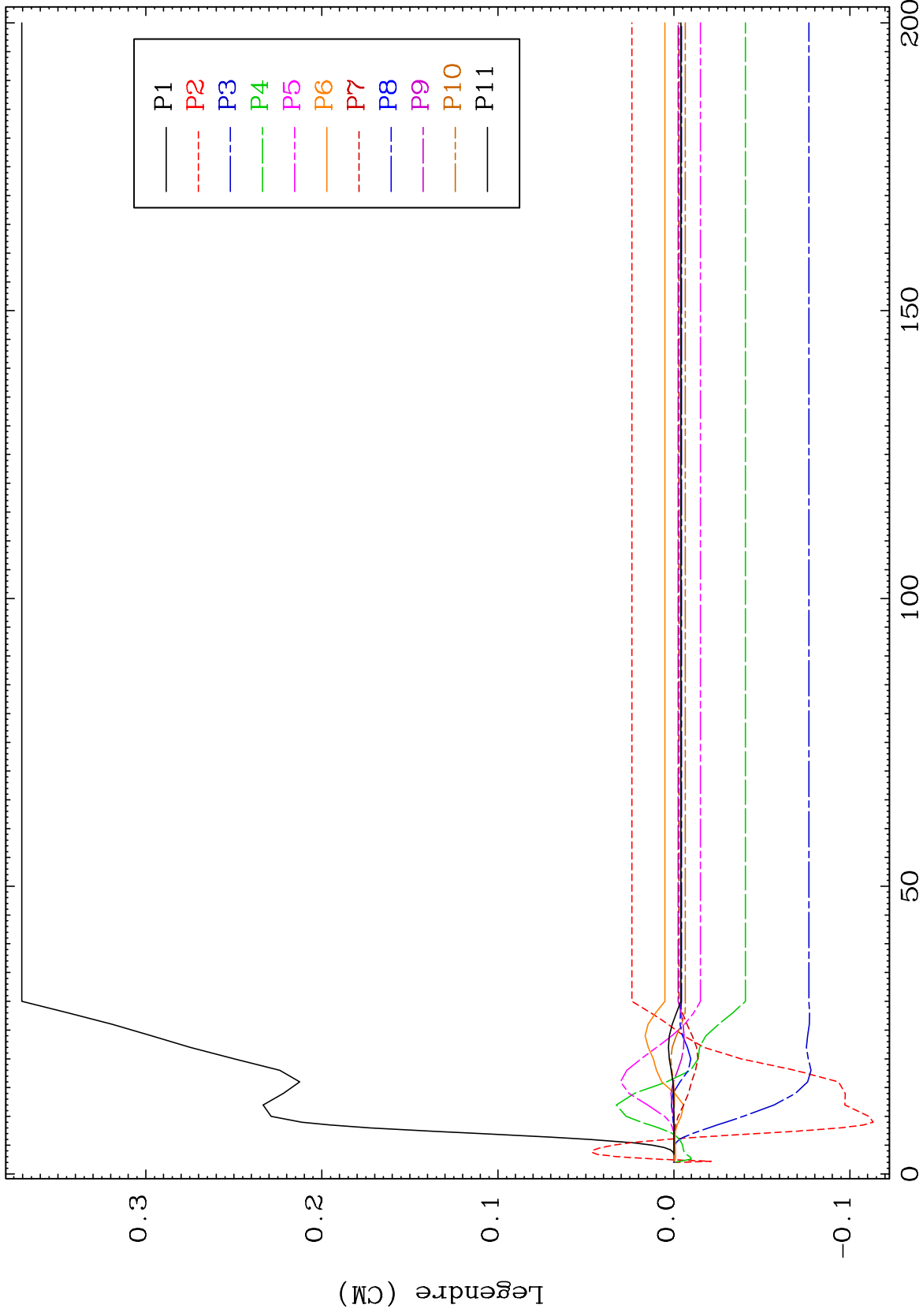
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



66

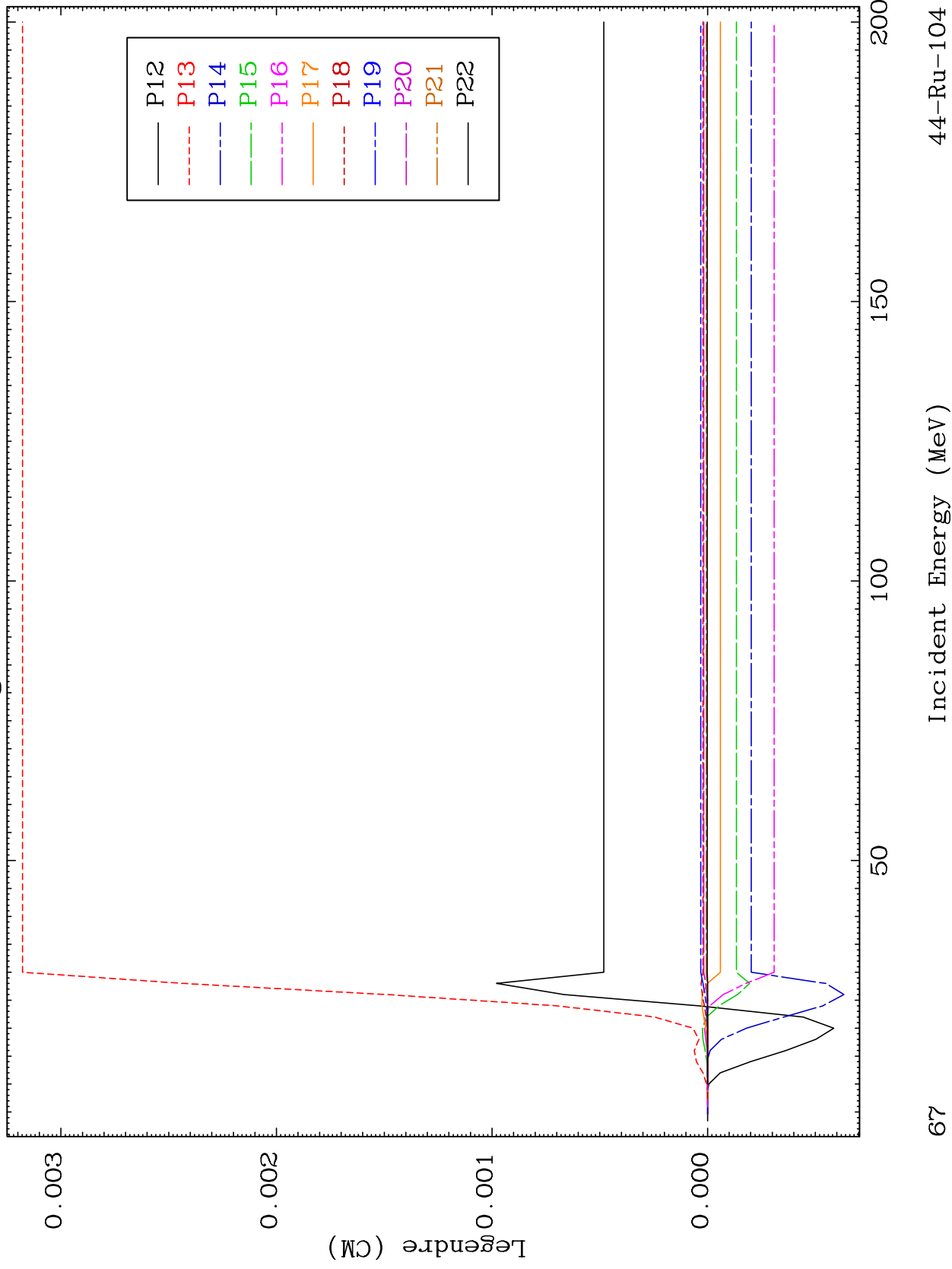
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



67

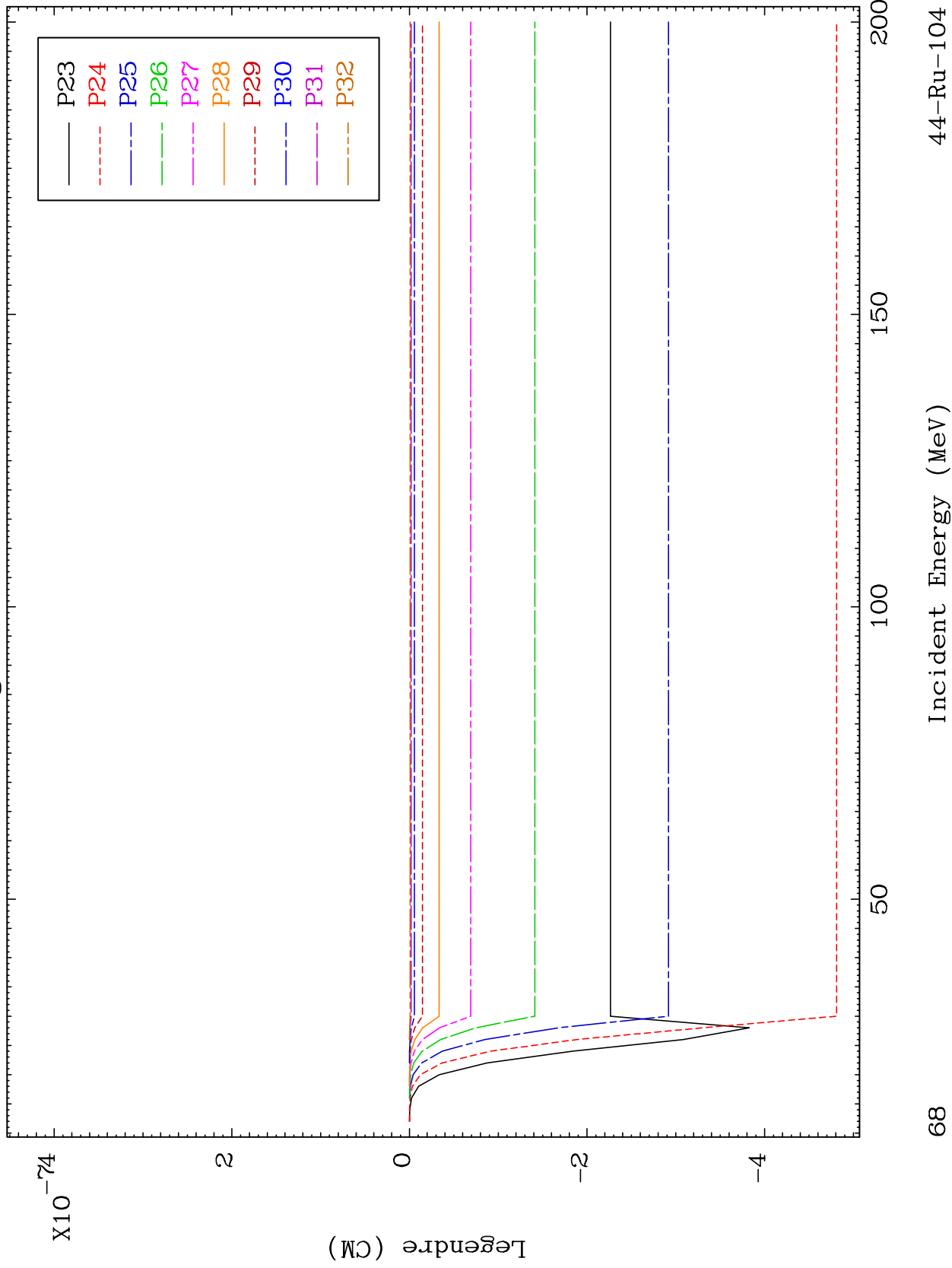
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



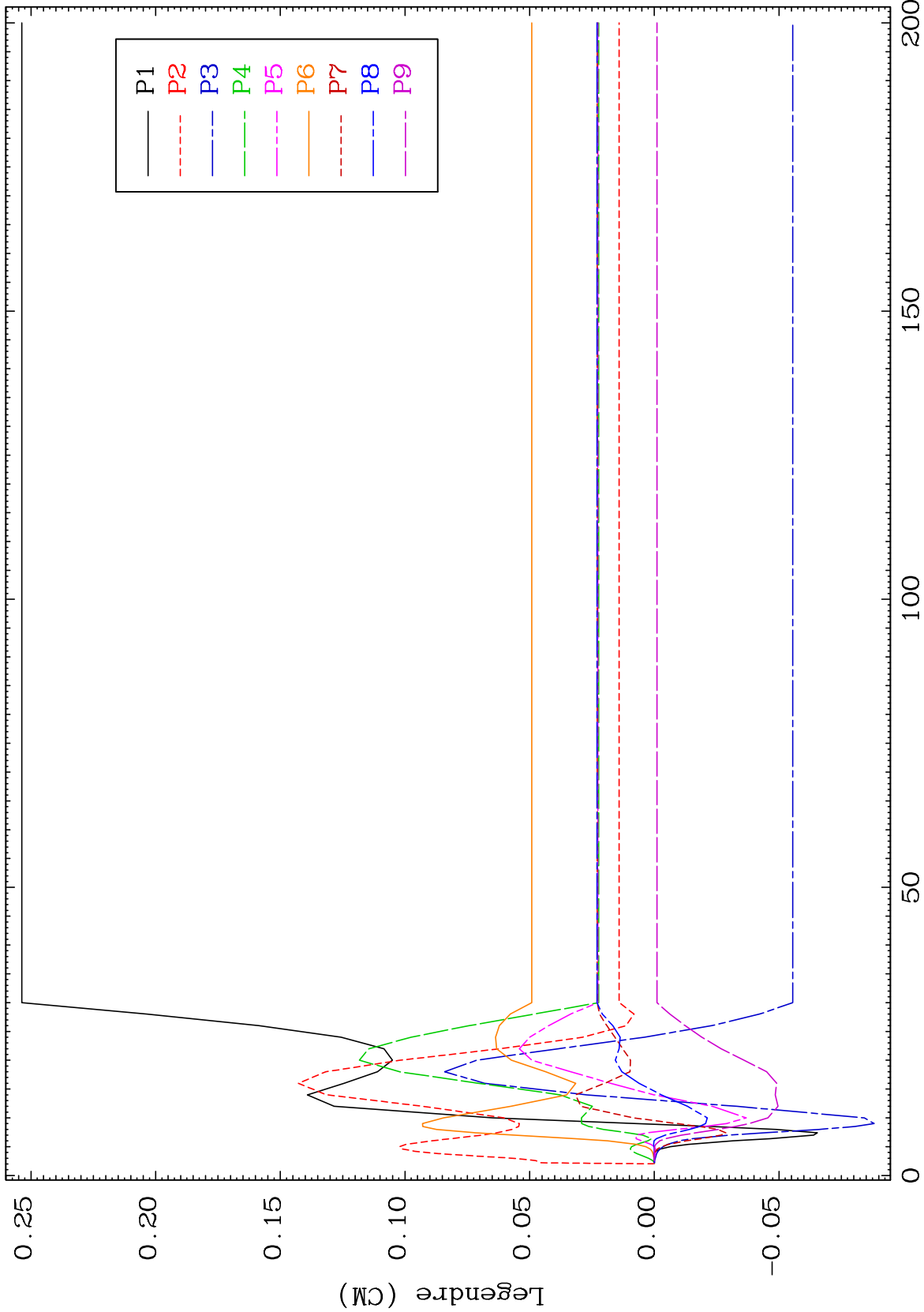
68

44-Ru-104

MAT 4449

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

44-Ru-104



69

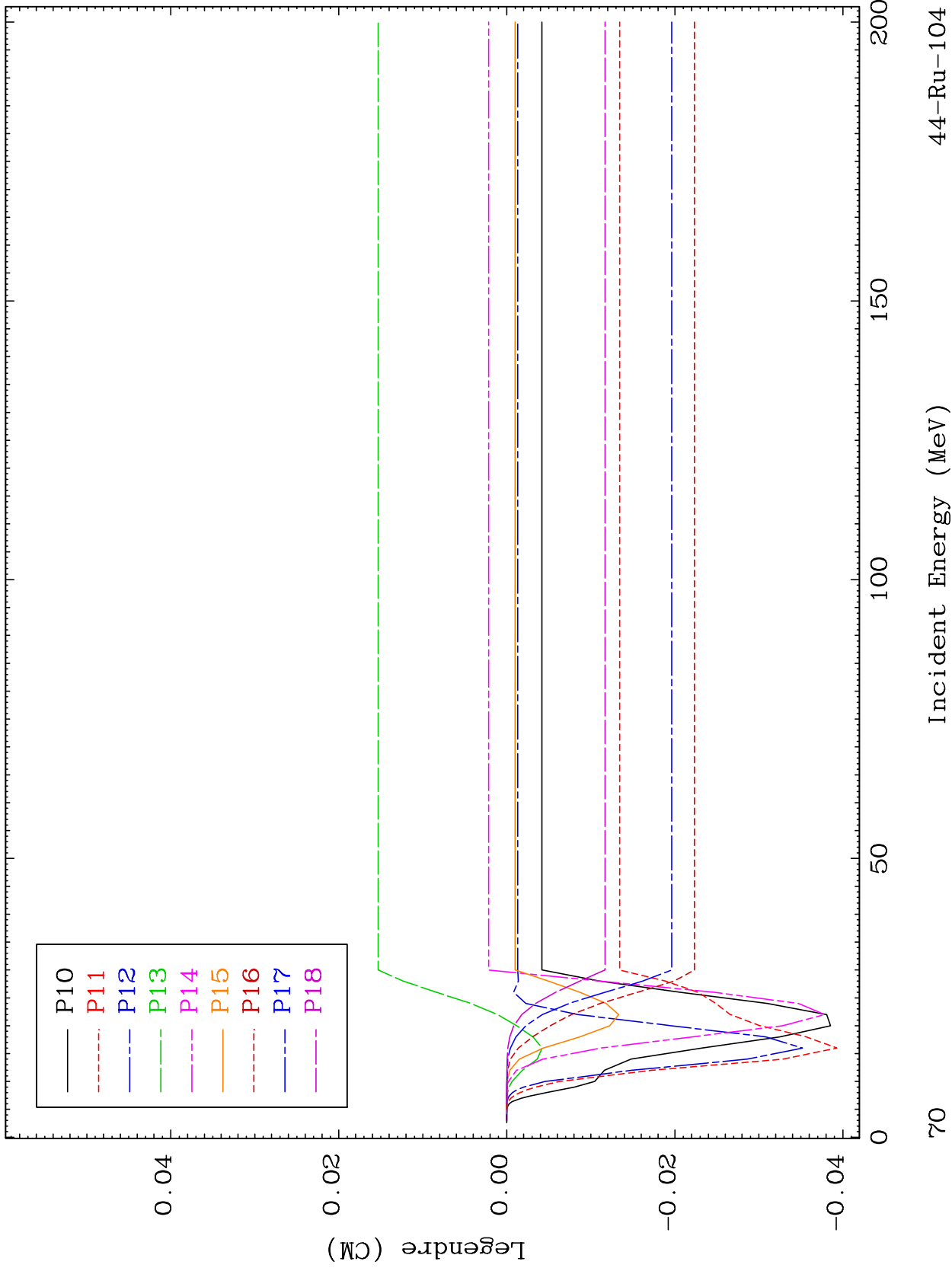
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

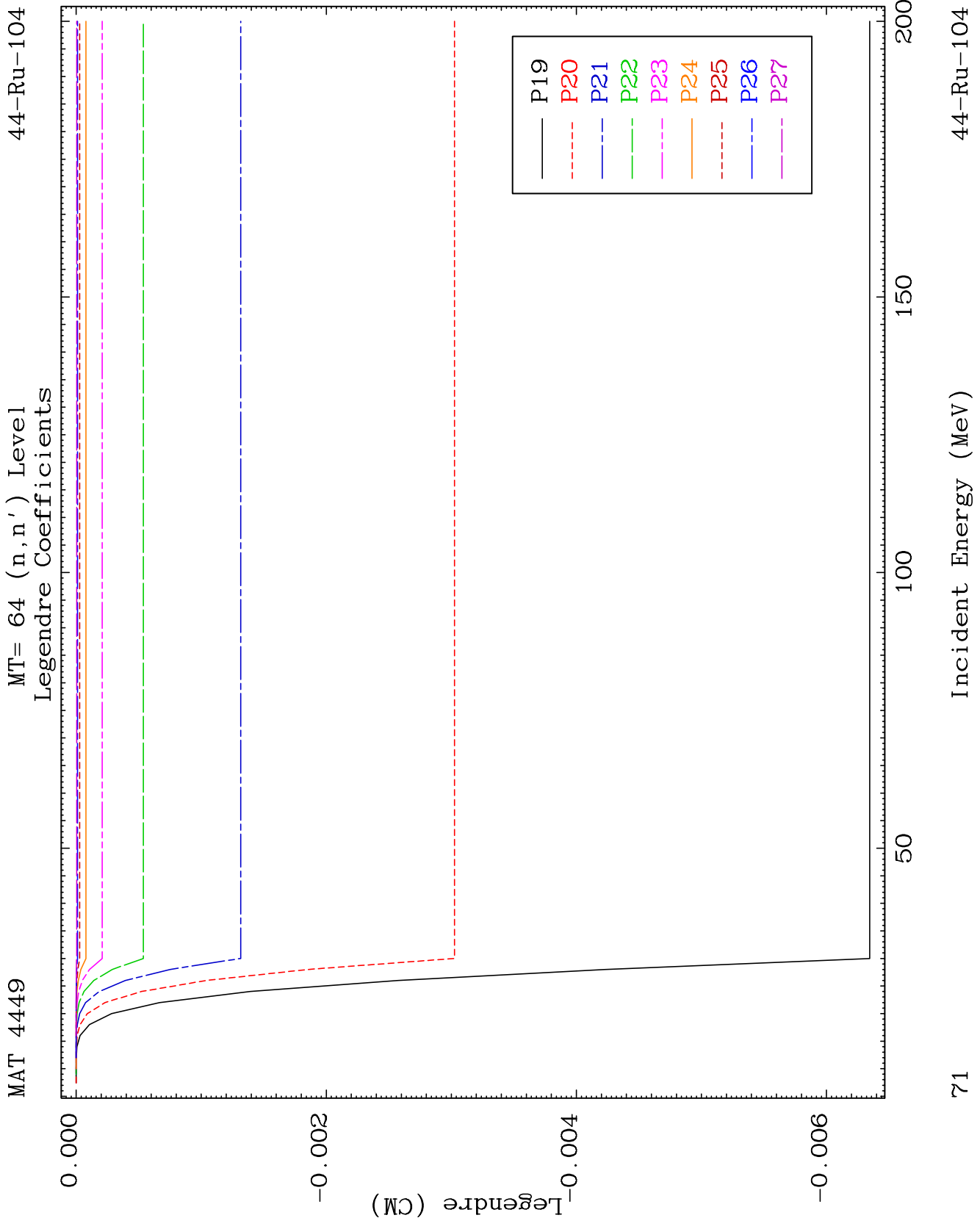
44-Ru-104

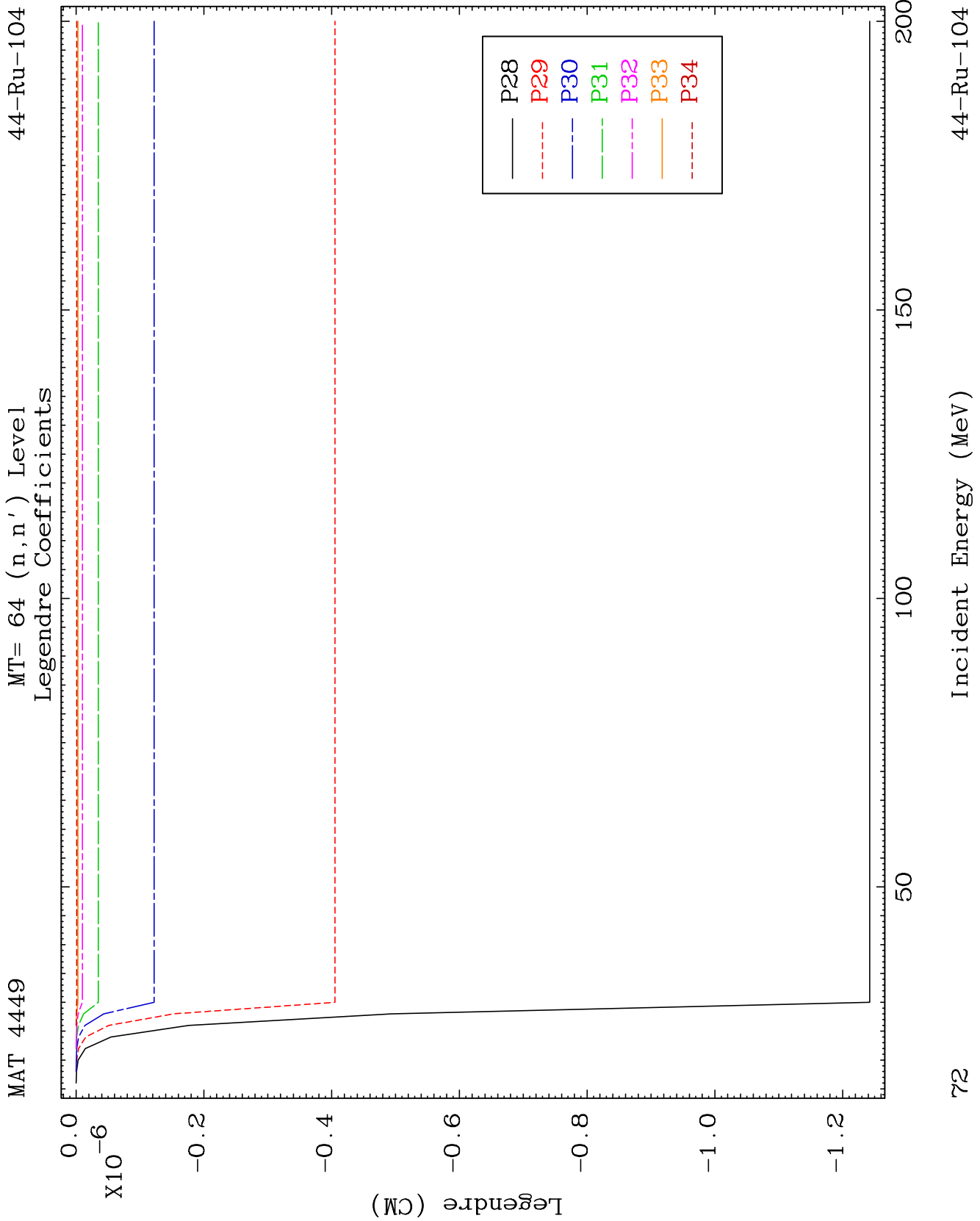


44-Ru-104

Incident Energy (MeV)

70

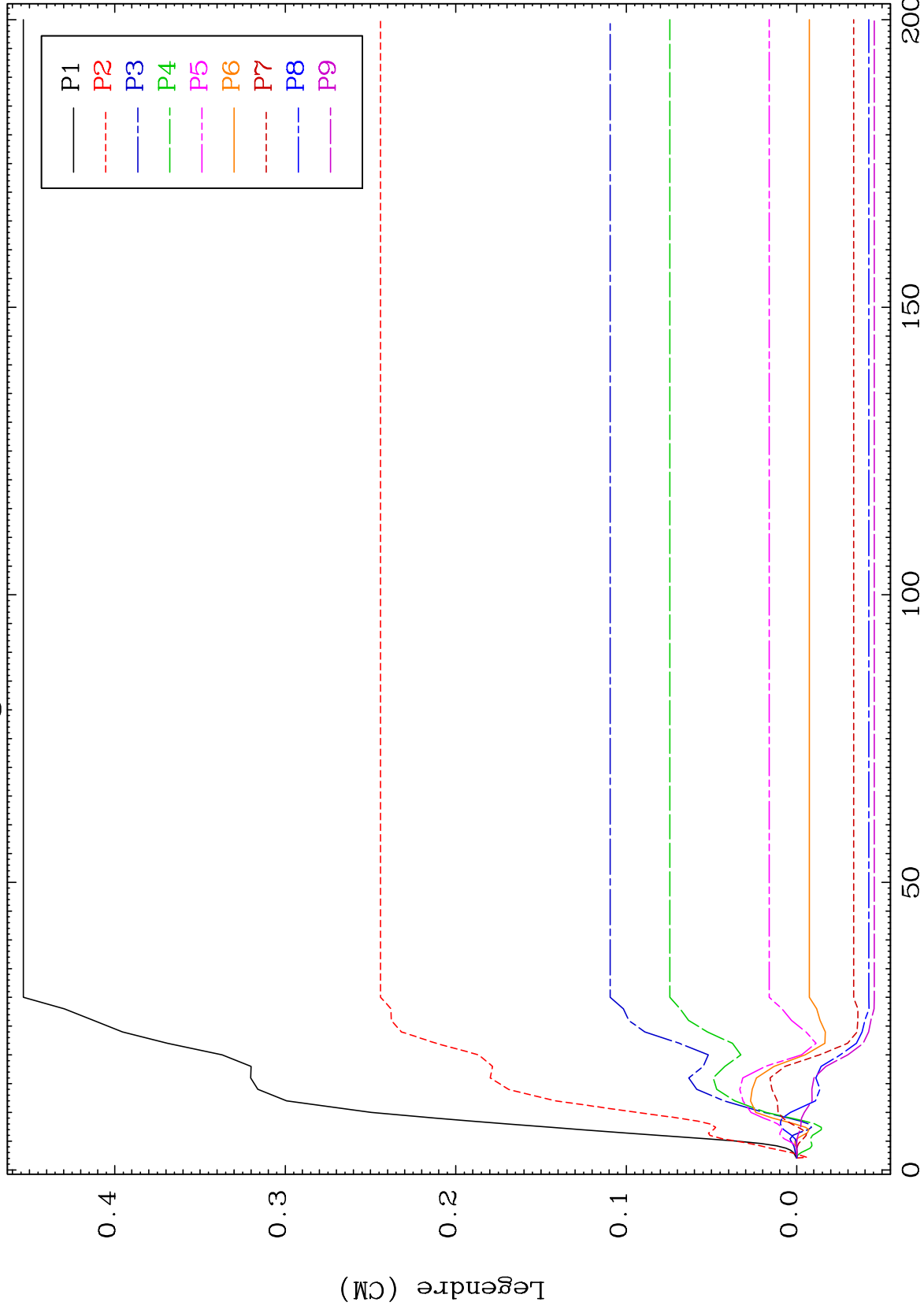




MAT 4449

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

44-Ru-104



73

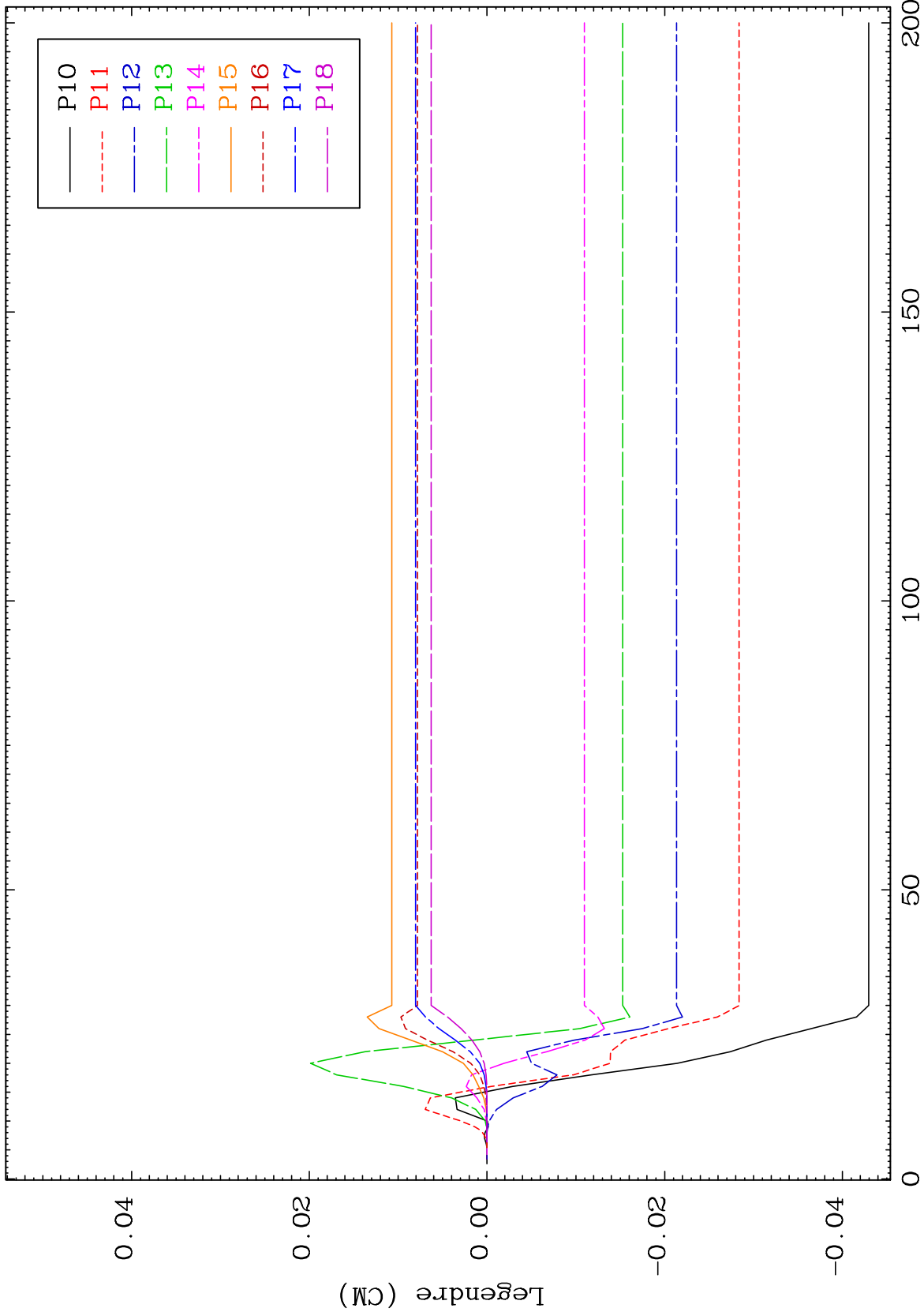
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



74

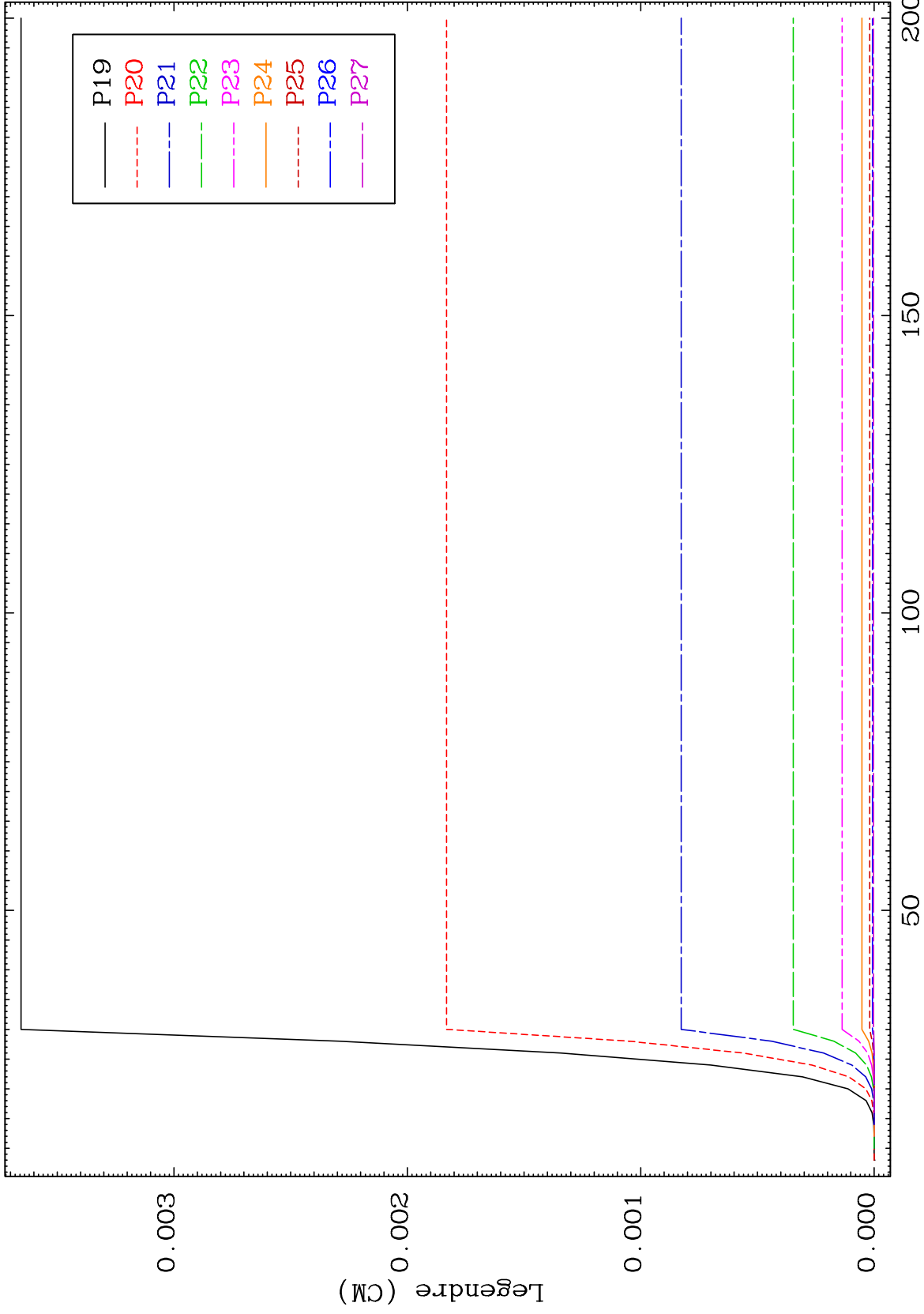
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



75

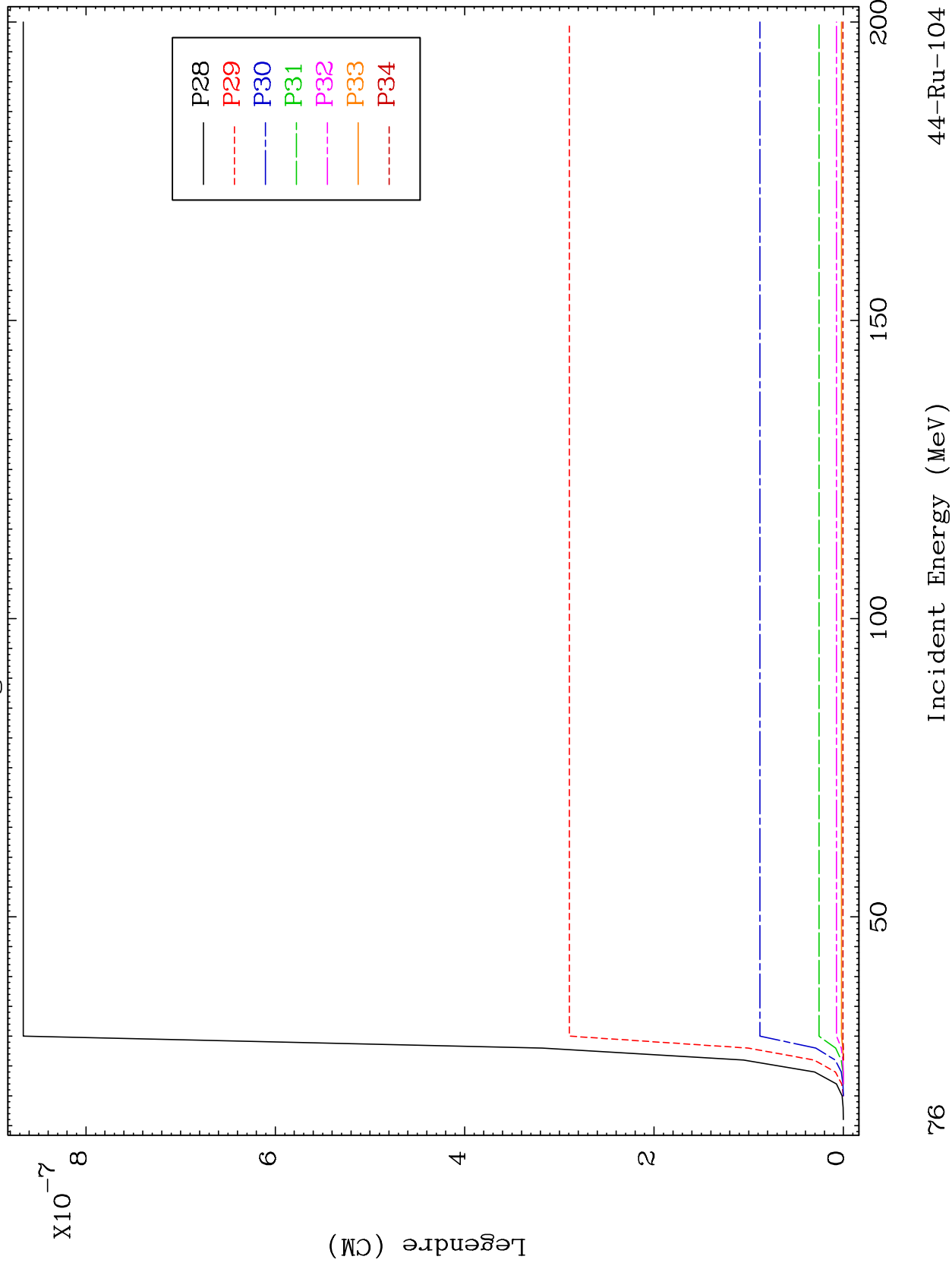
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

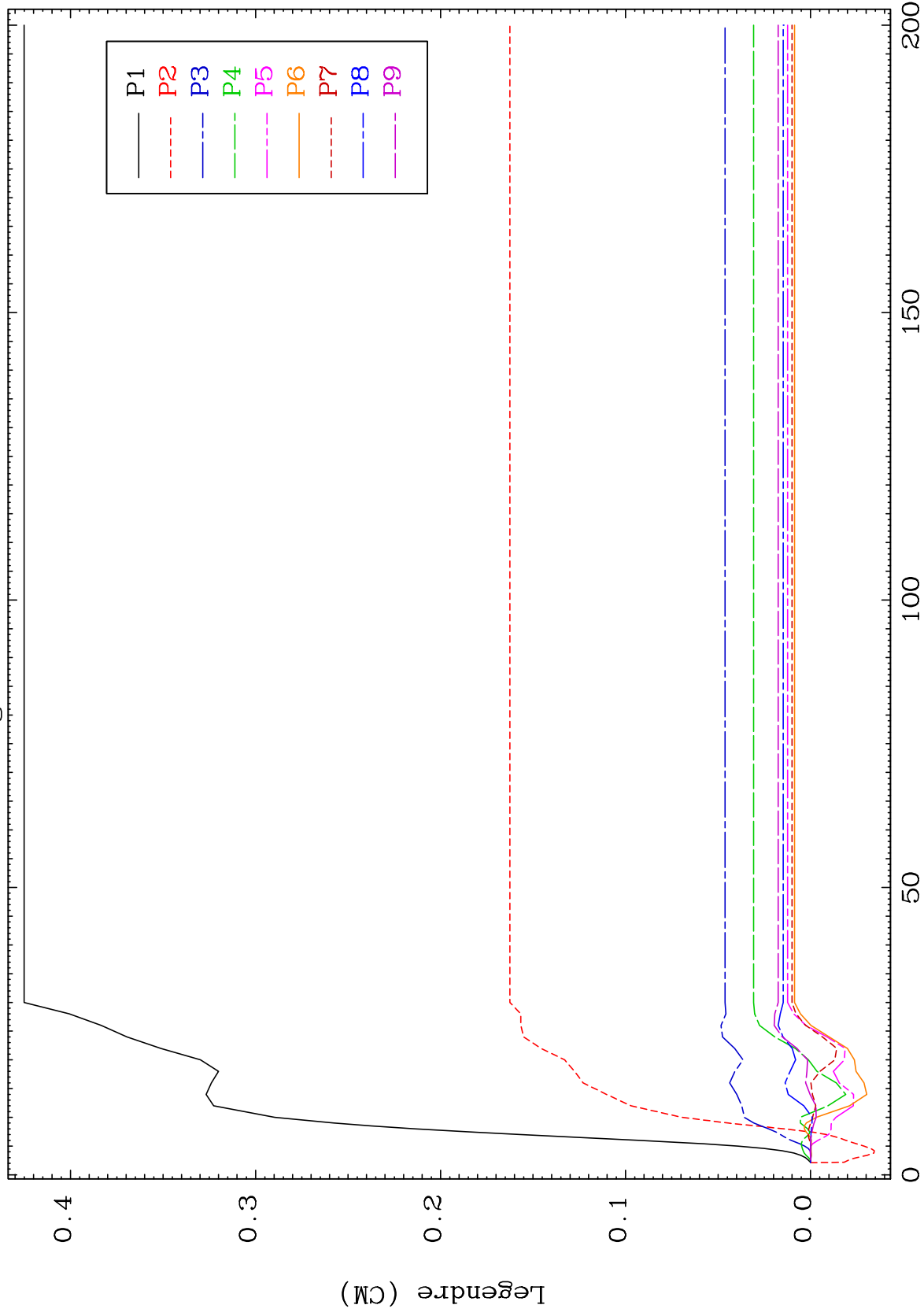
44-Ru-104



MAT 4449

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

44-Ru-104



77

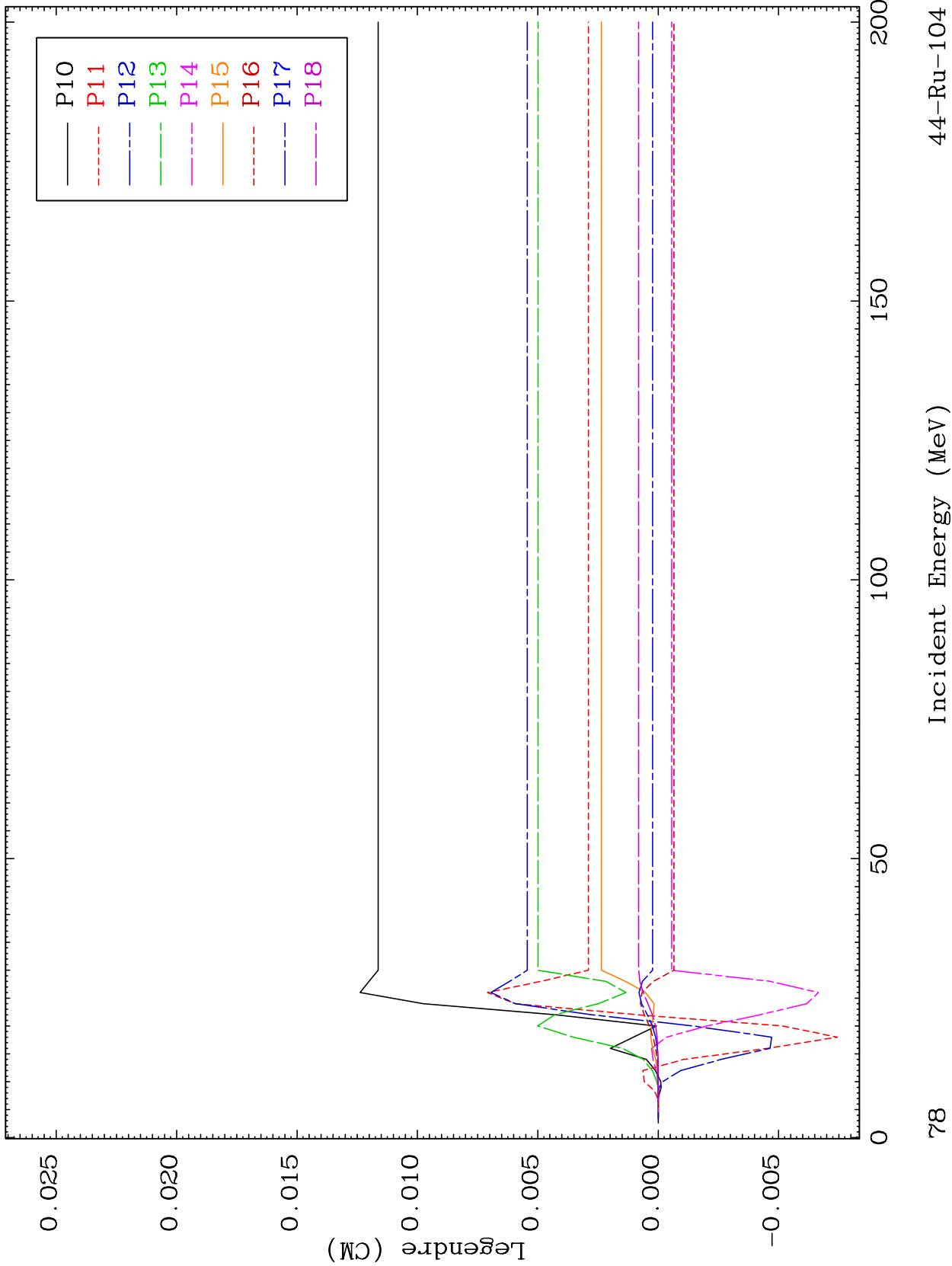
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



78

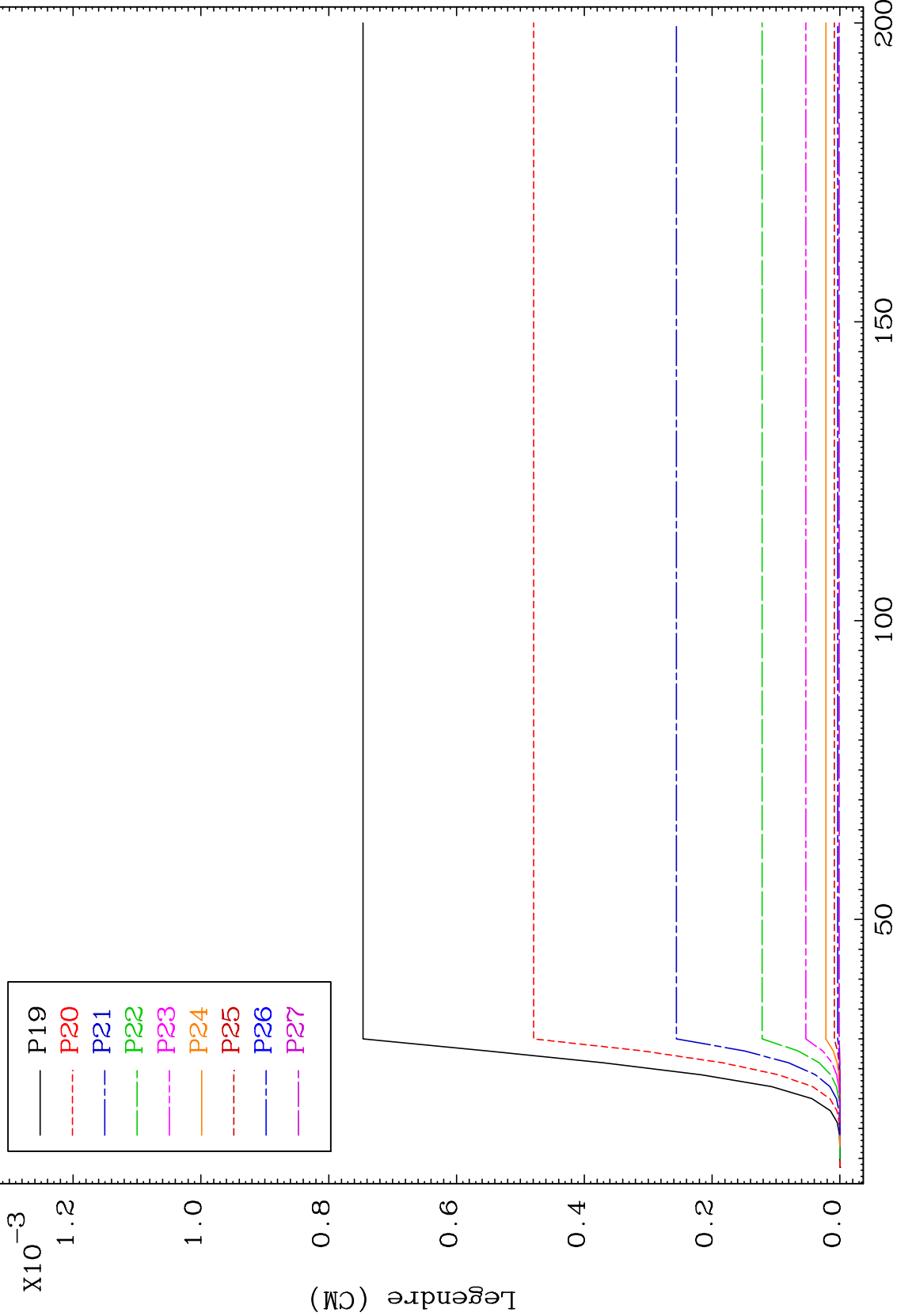
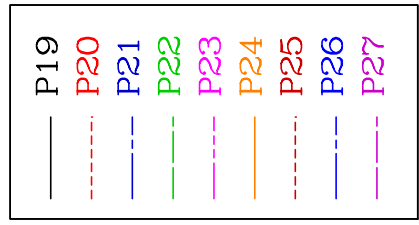
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



79

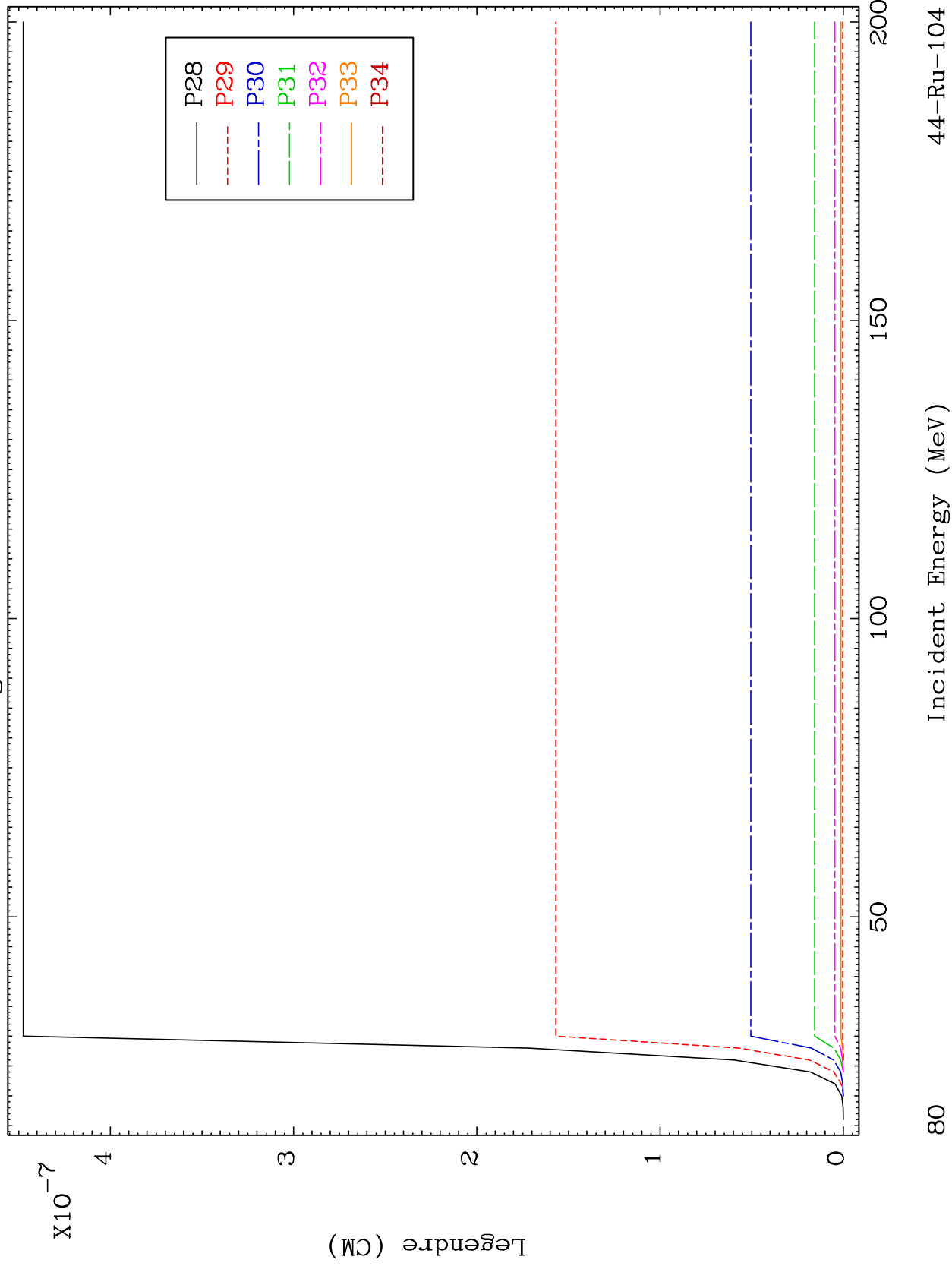
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

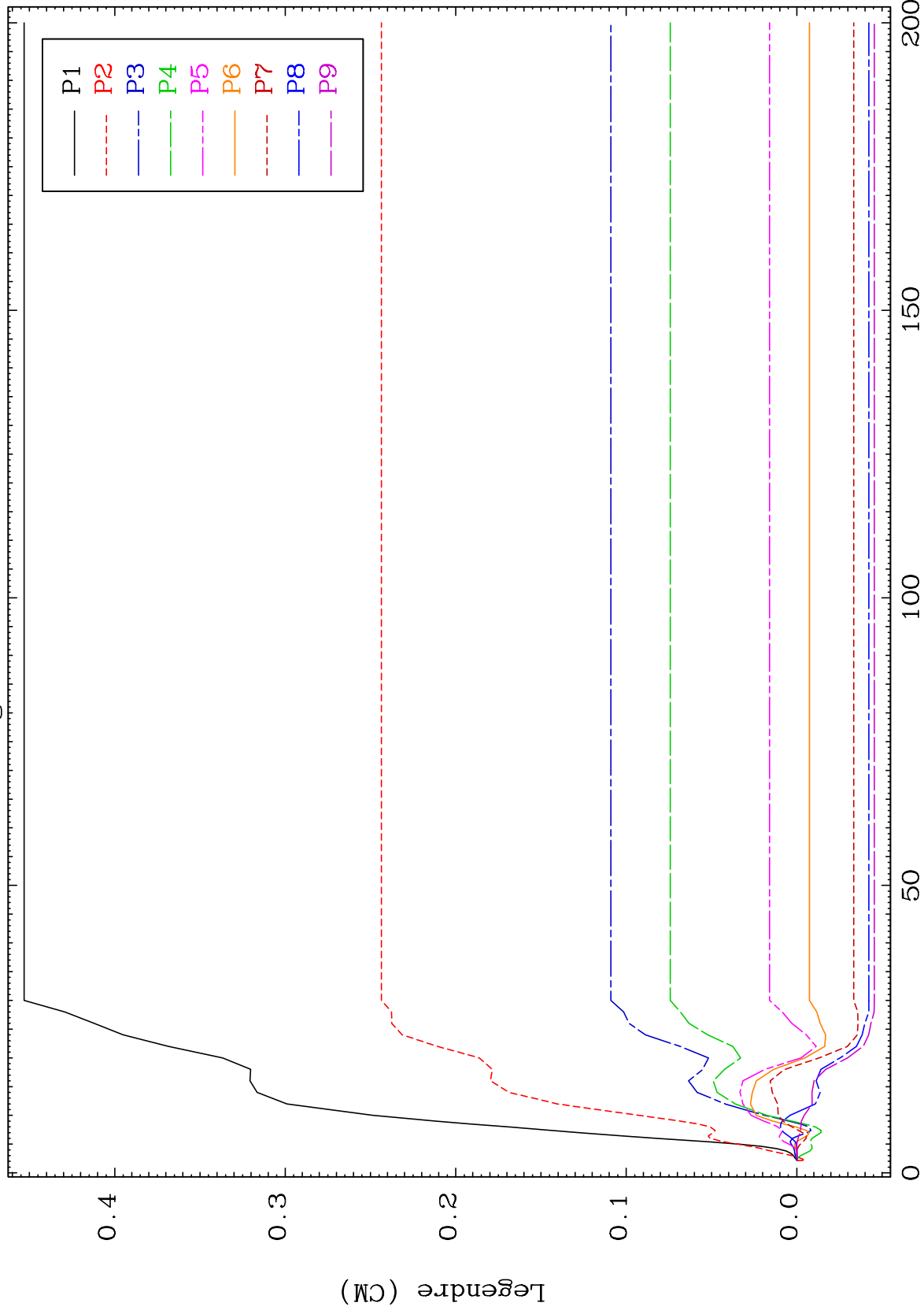
44-Ru-104



MAT 4449

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

44-Ru-104



81

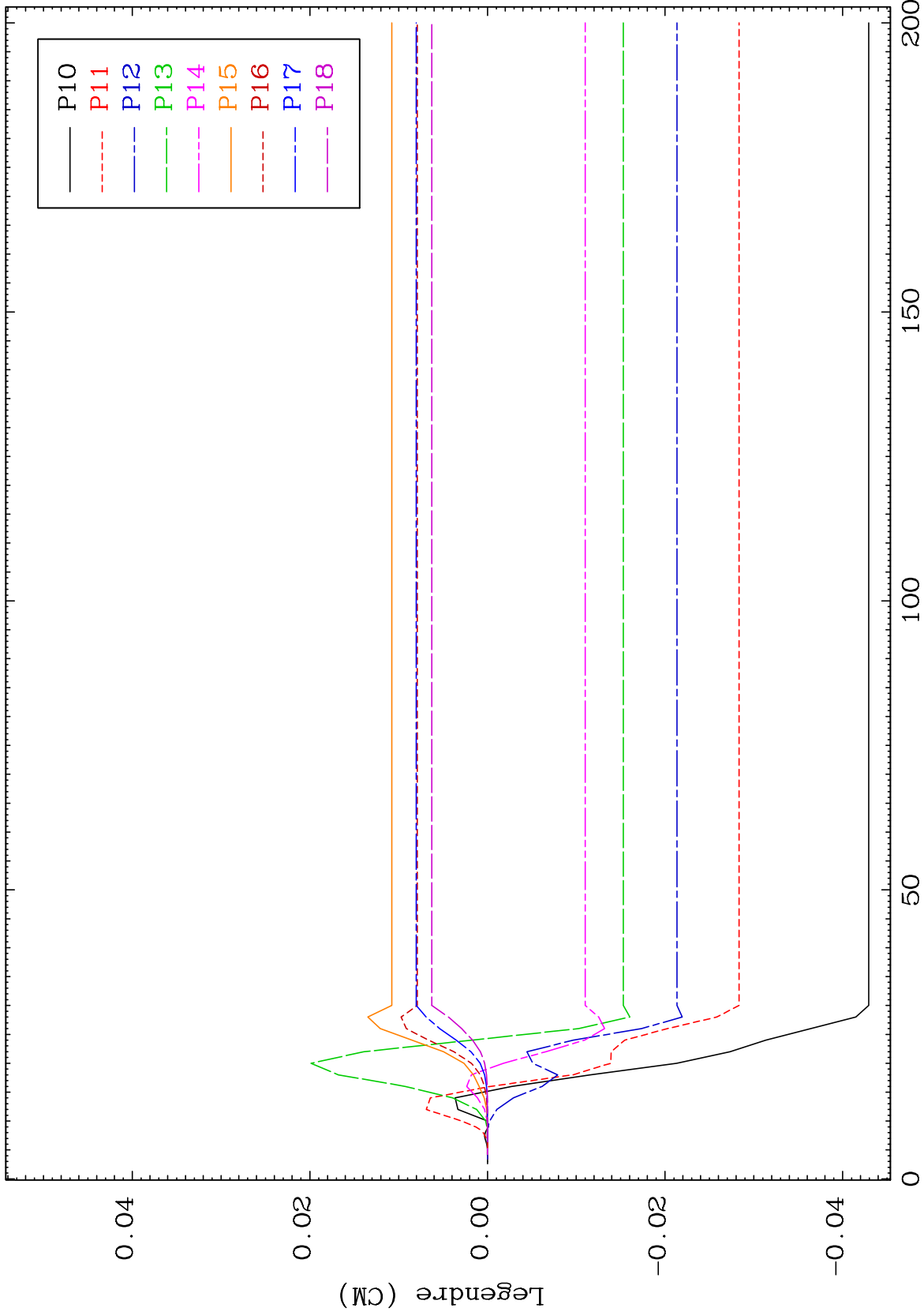
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



82

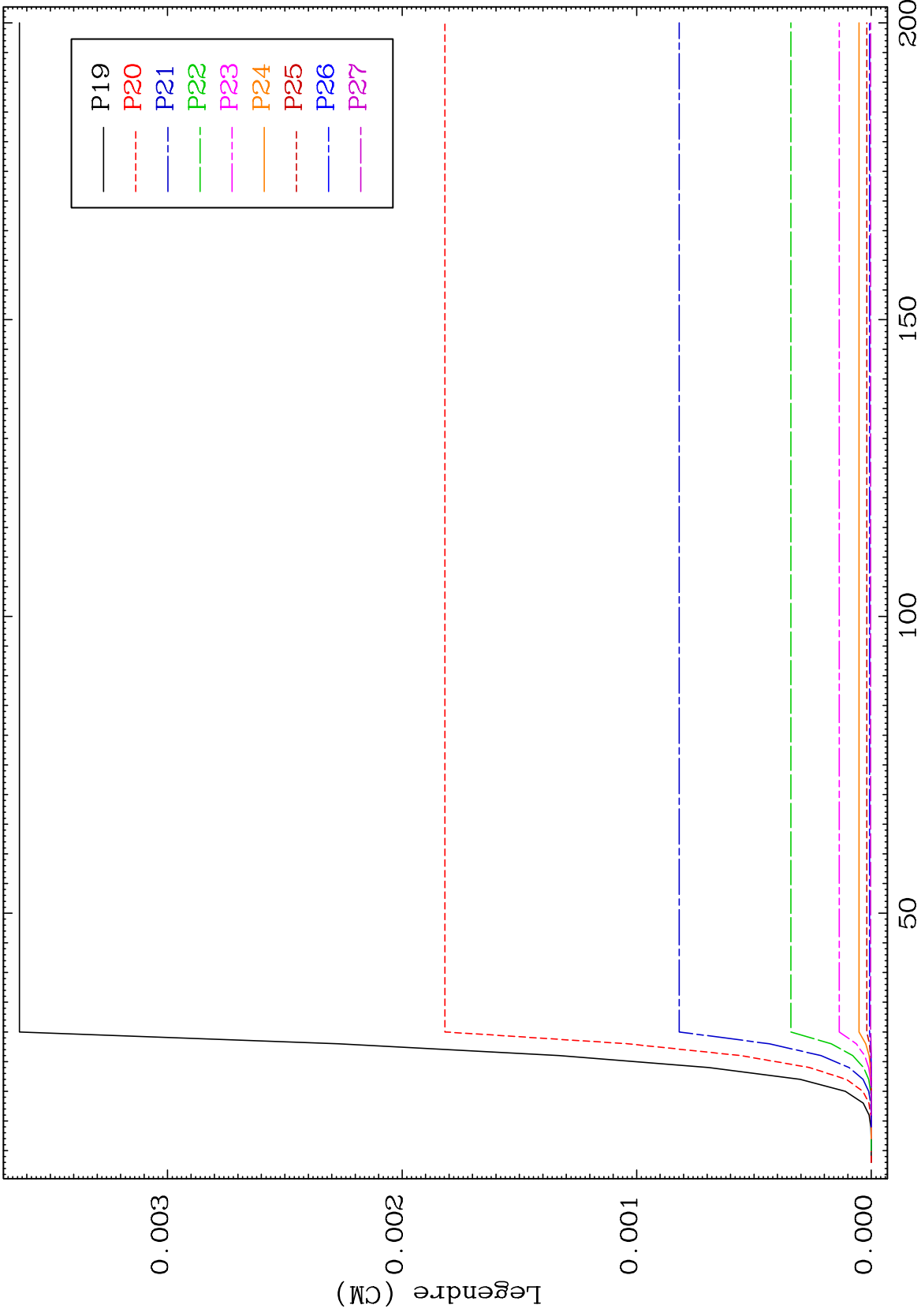
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



83

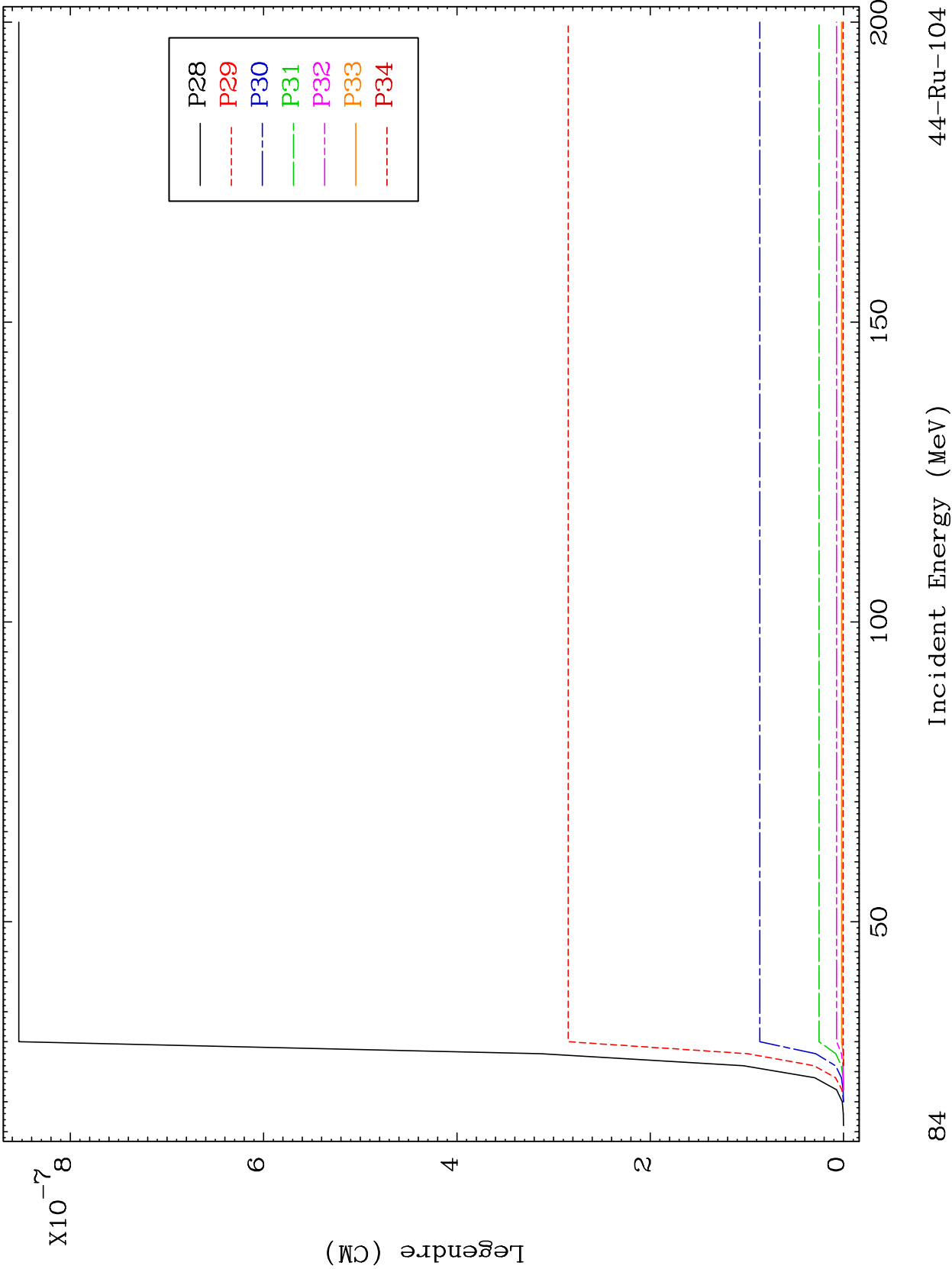
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



84

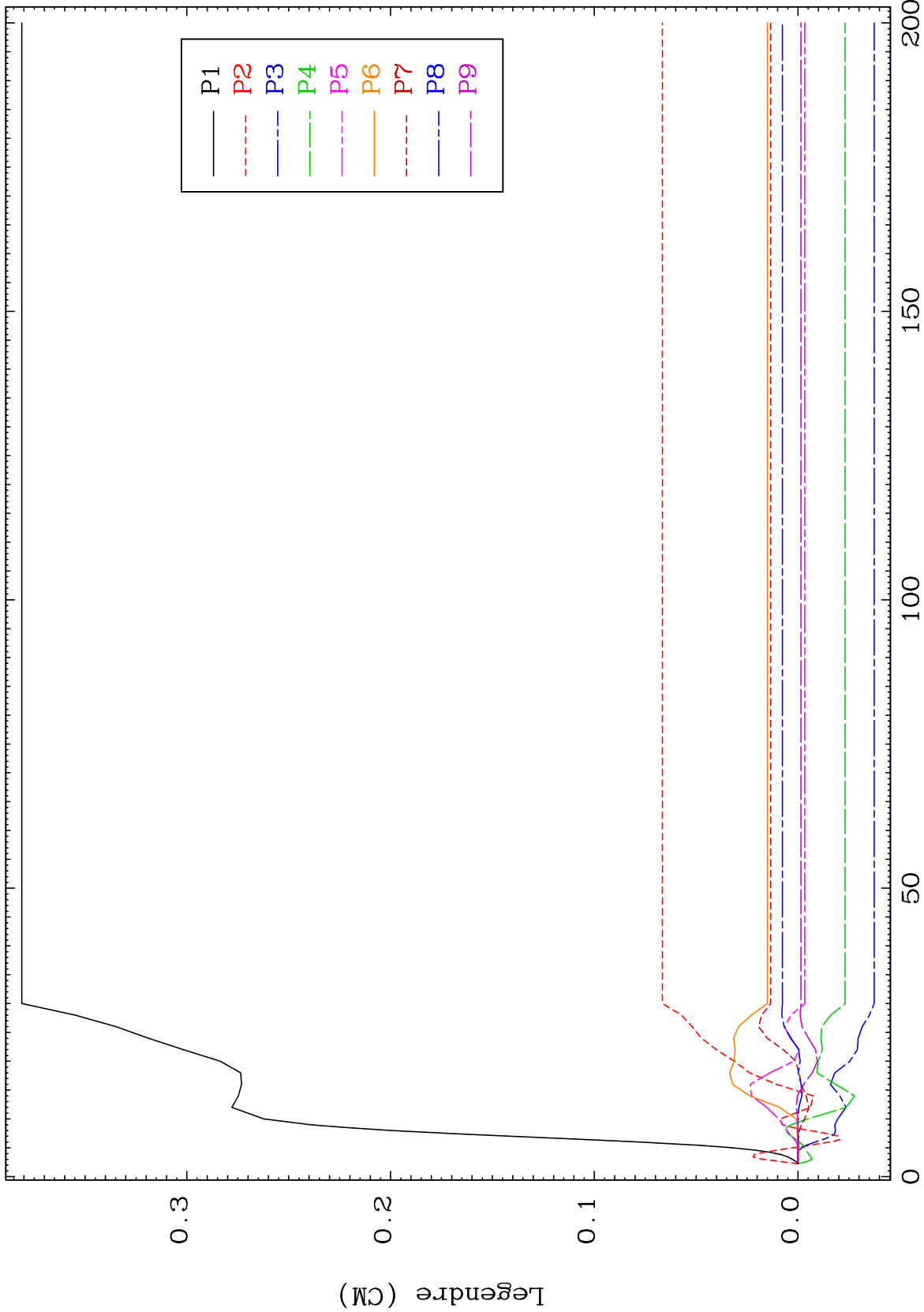
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



85

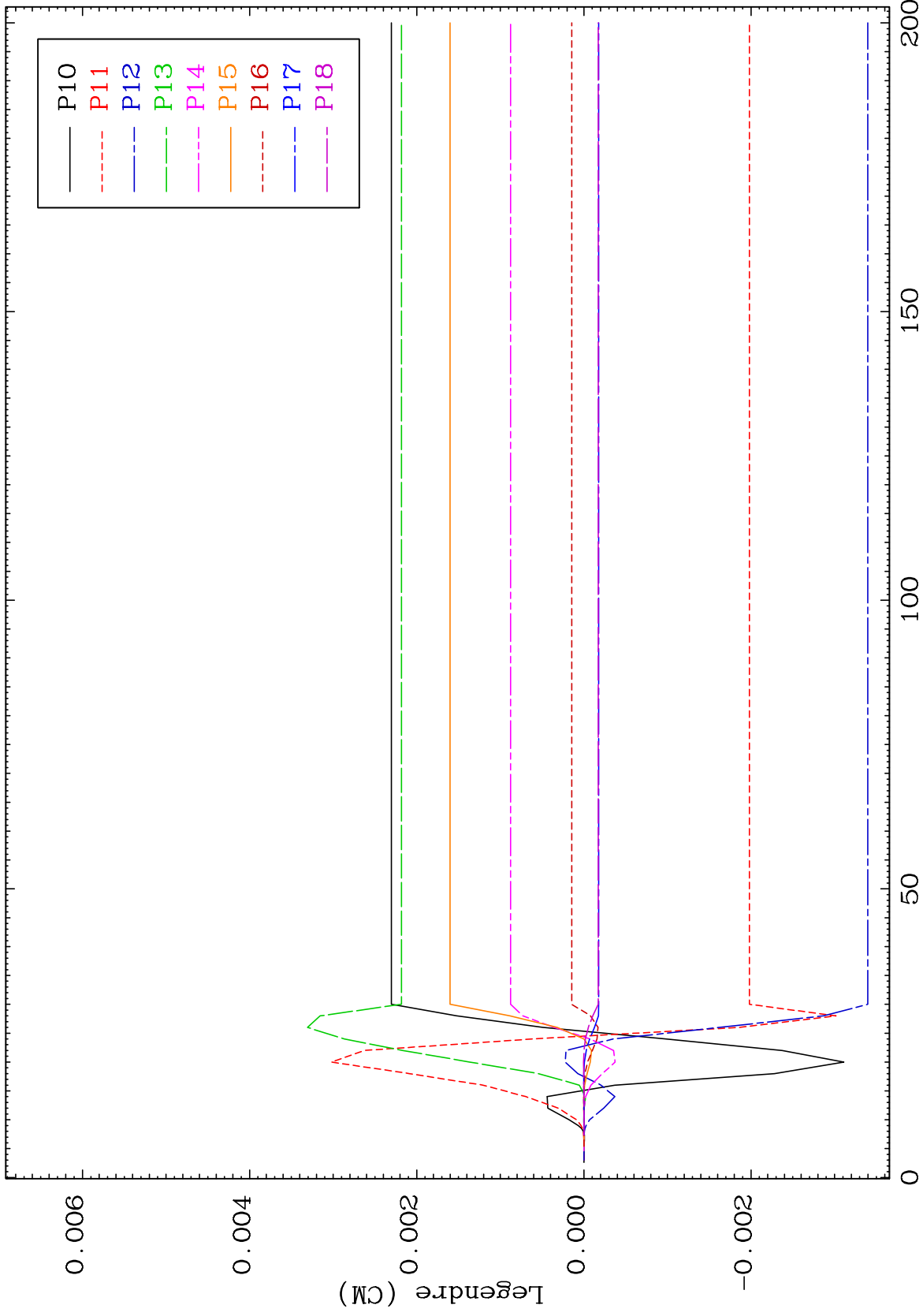
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



86

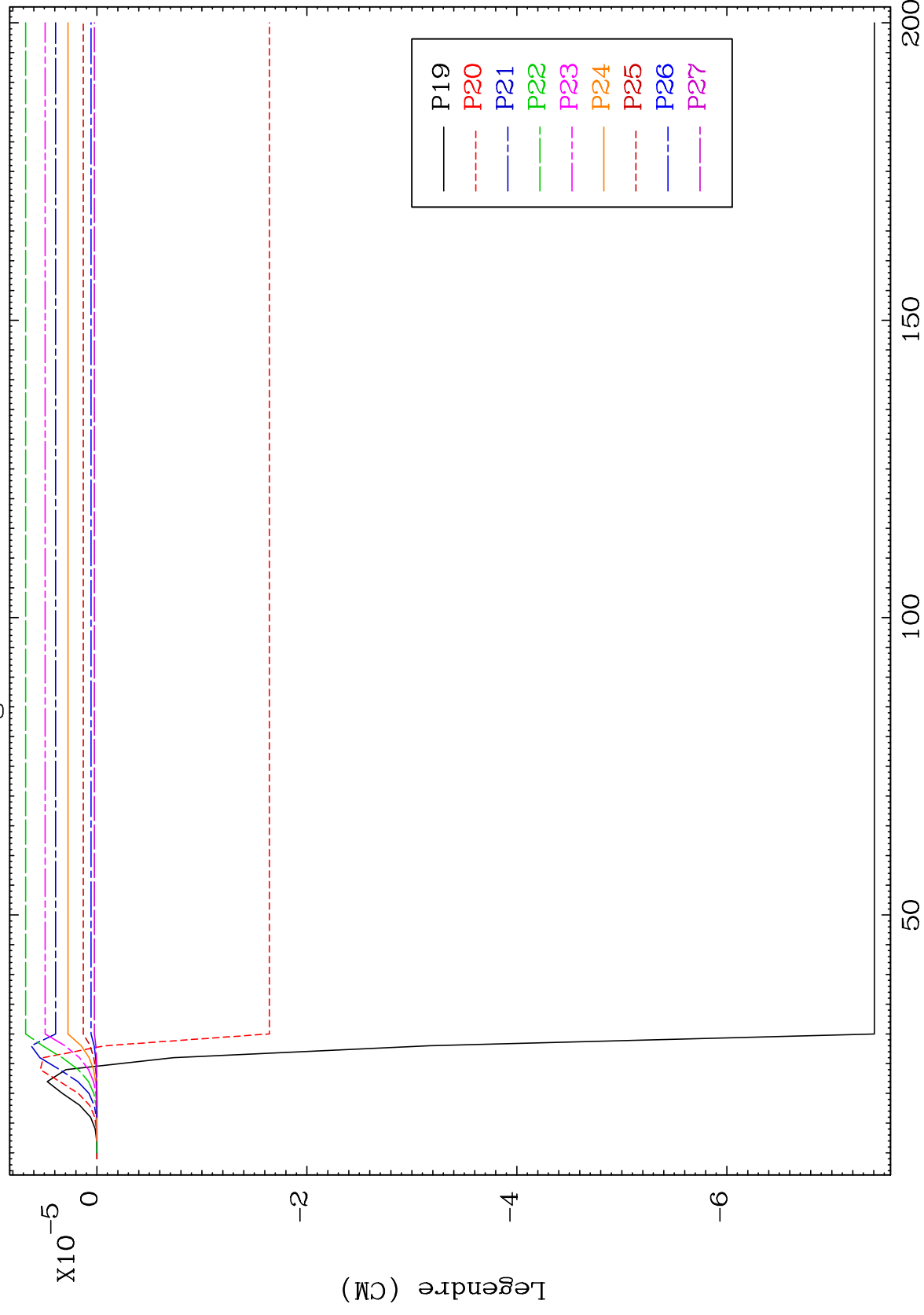
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

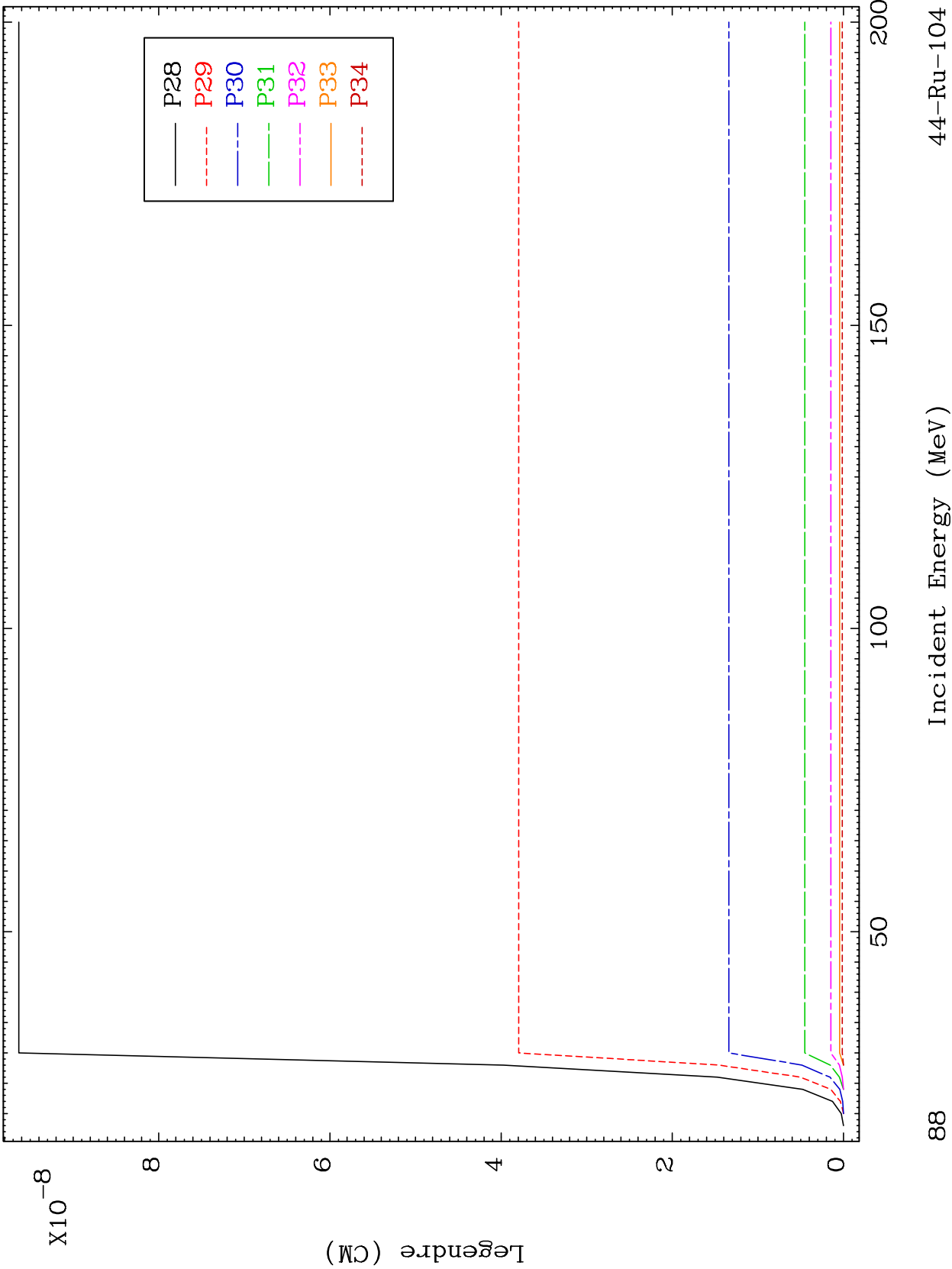
44-Ru-104



MAT 4449

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

44-Ru-104

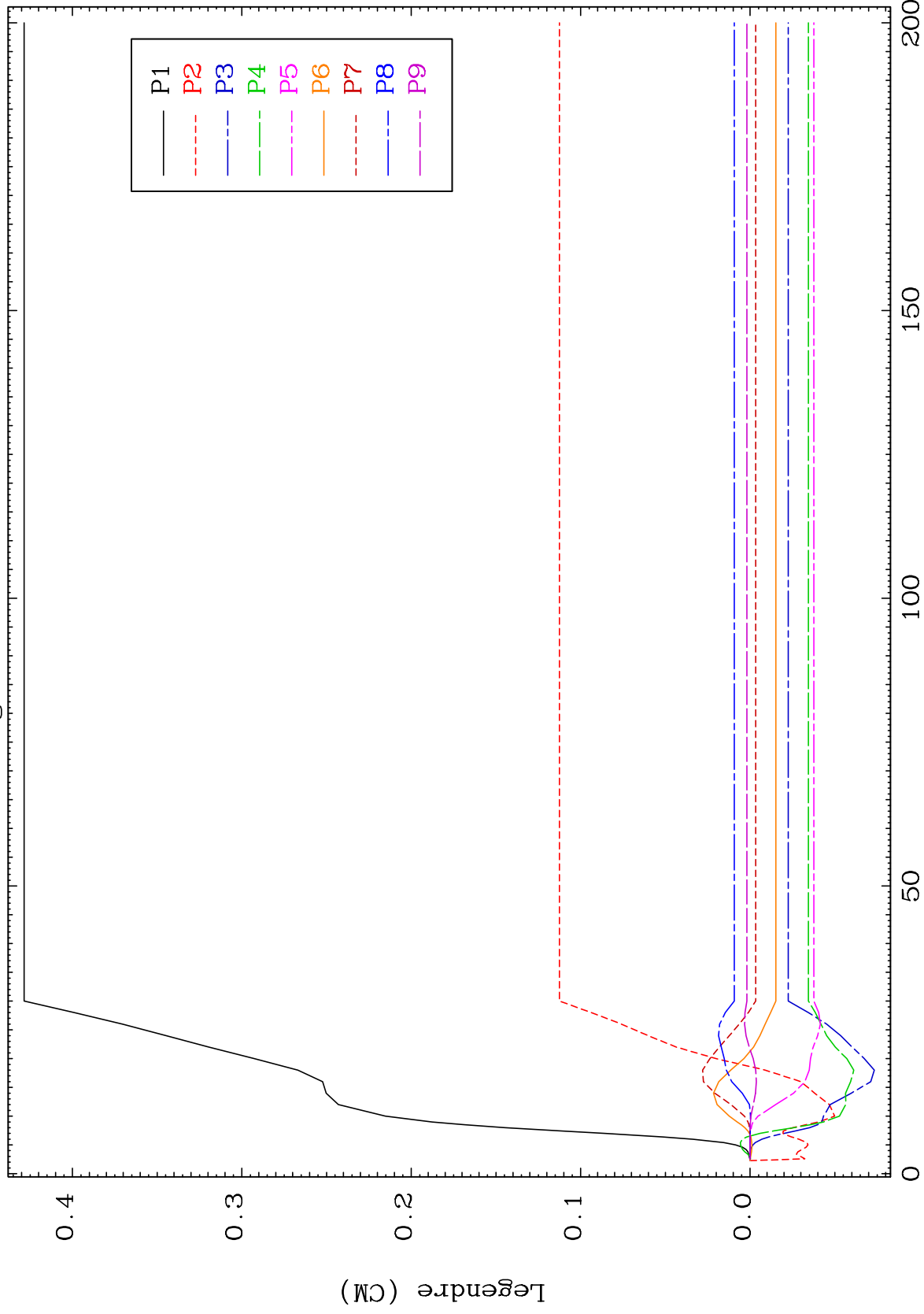


88

MAT 4449

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

44-Ru-104



89

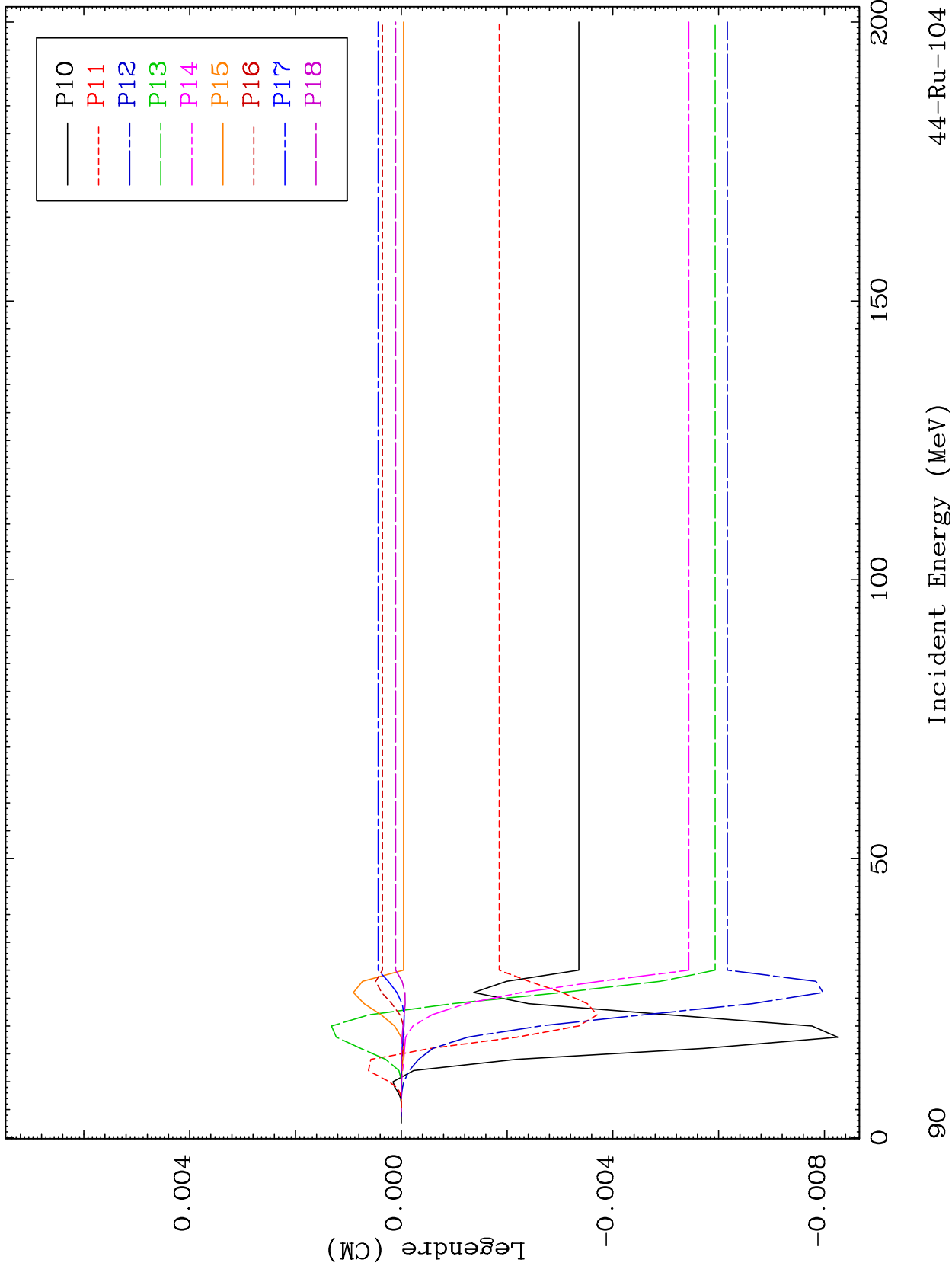
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

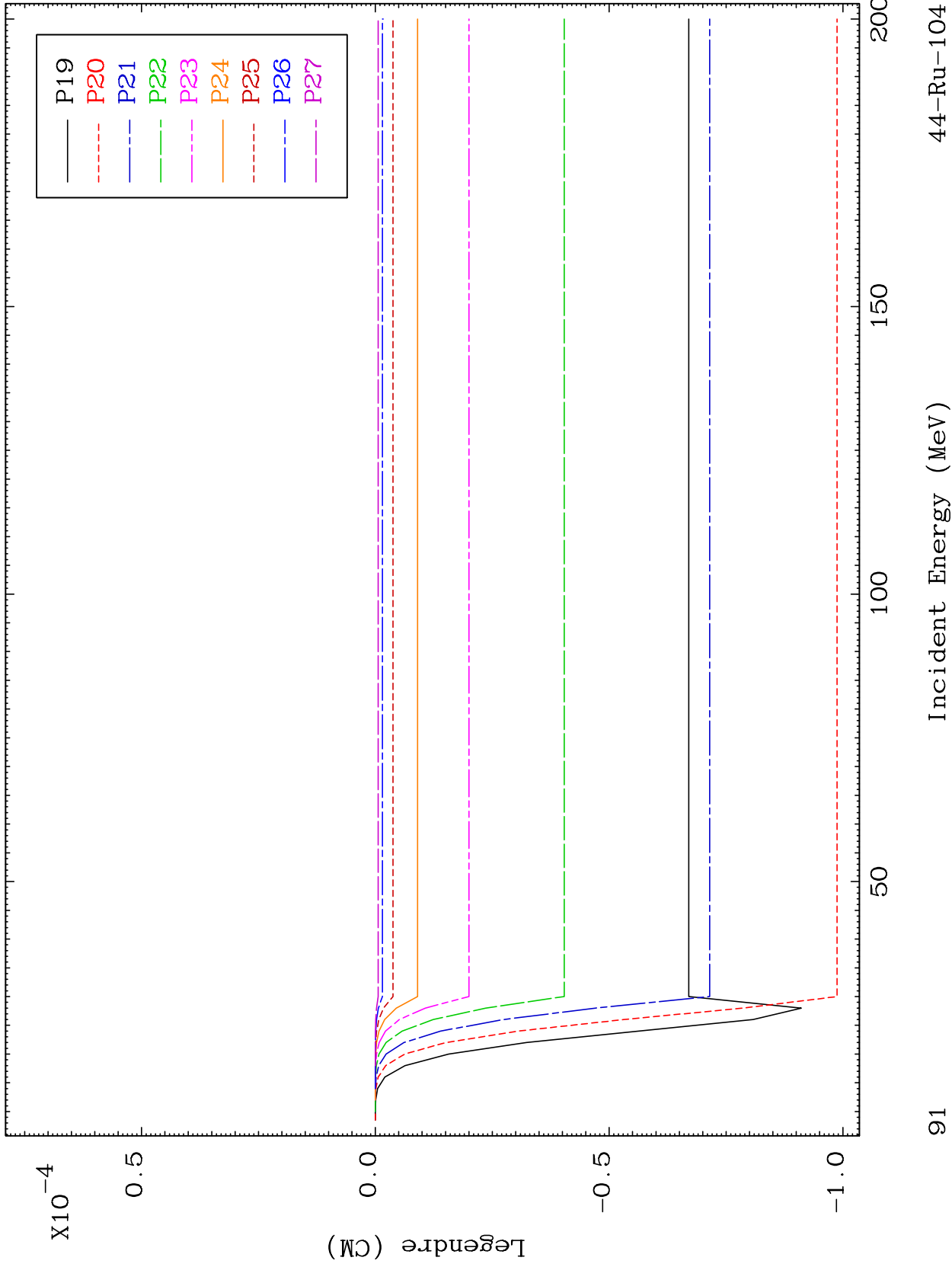
Incident Energy (MeV)

90

MAT 4449

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

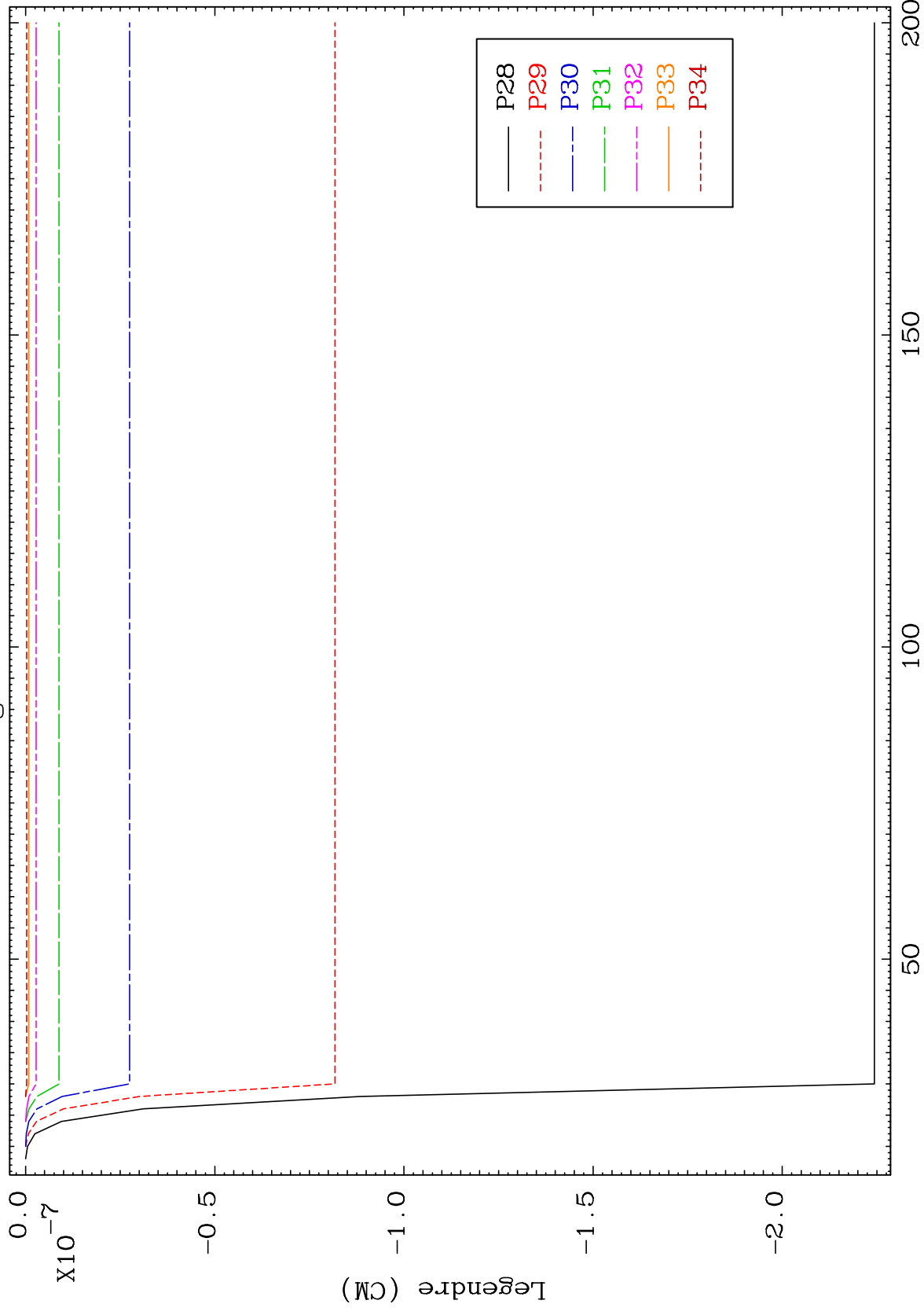
44-Ru-104



MAT 4449

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

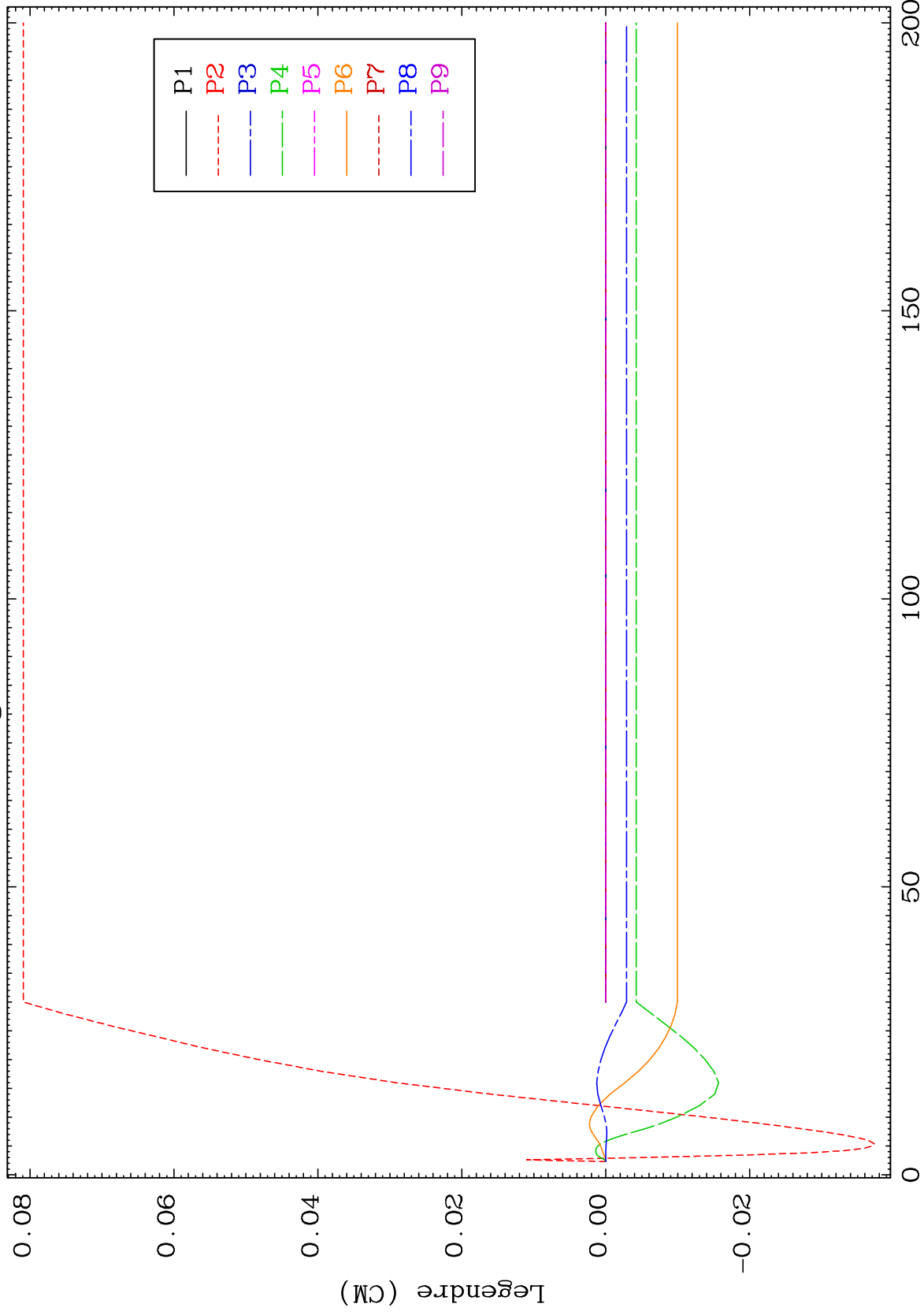
44-Ru-104



MAT 4449

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

44-Ru-104



93

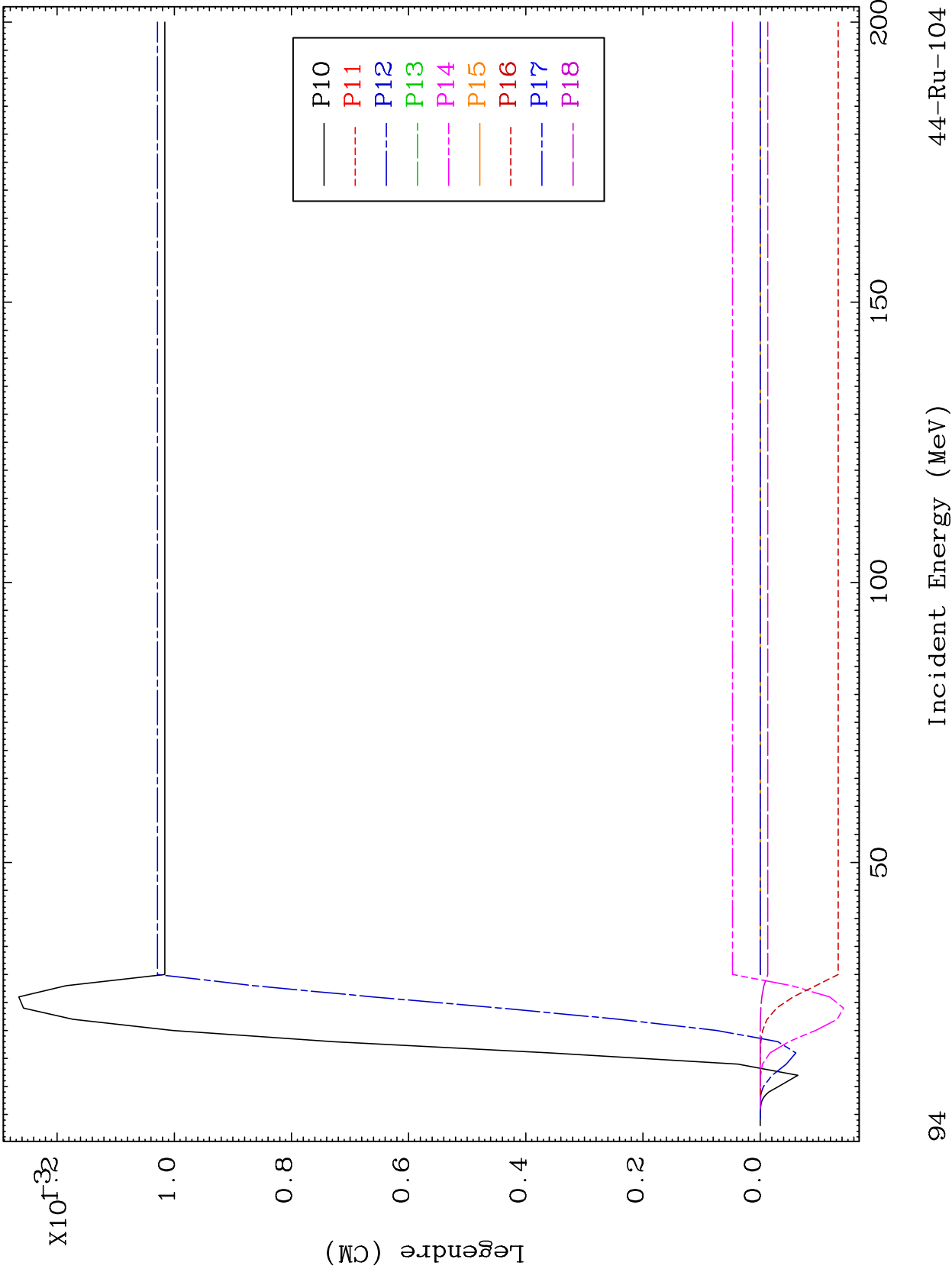
Incident Energy (MeV)

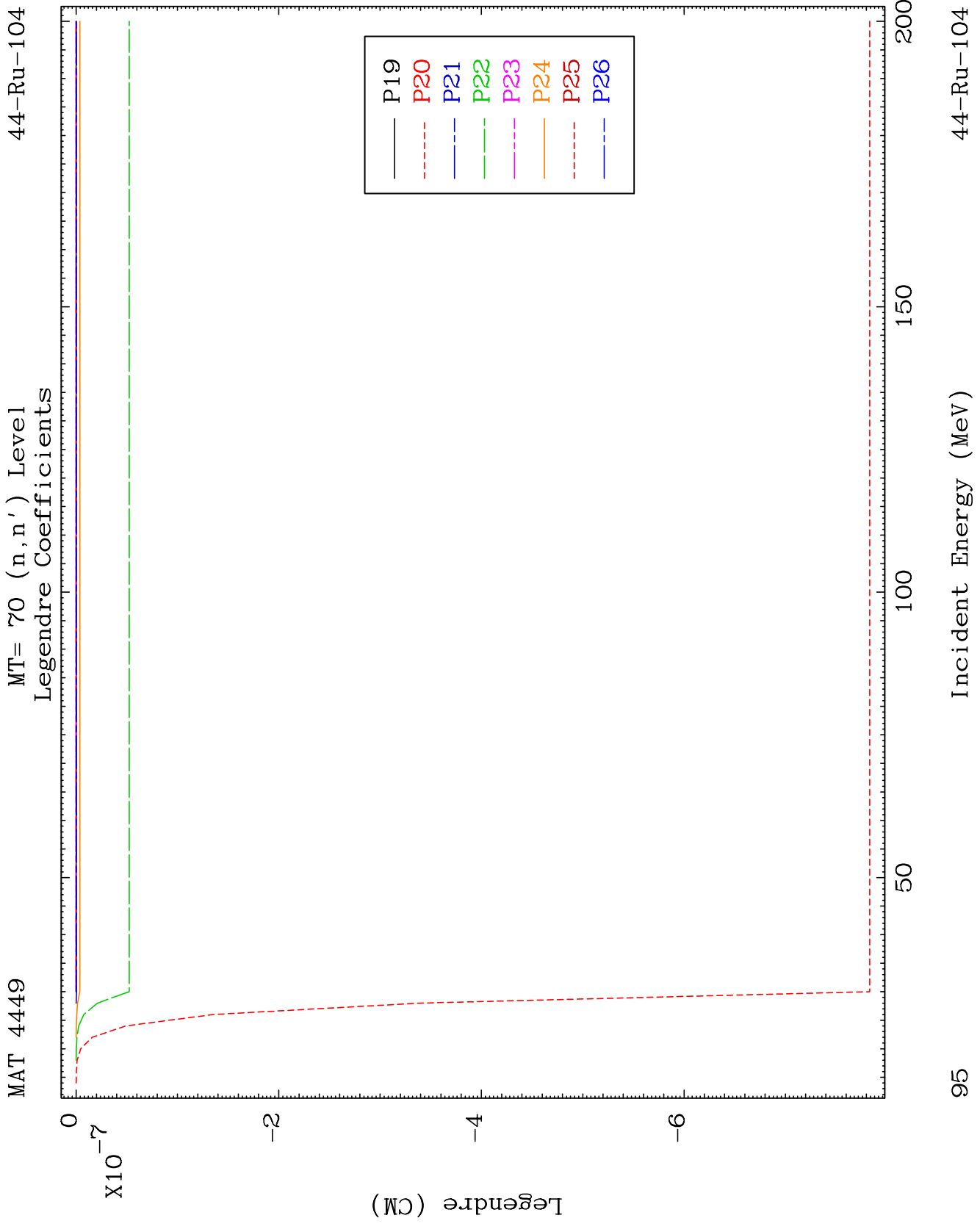
44-Ru-104

MAT 4449

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

44-Ru-104

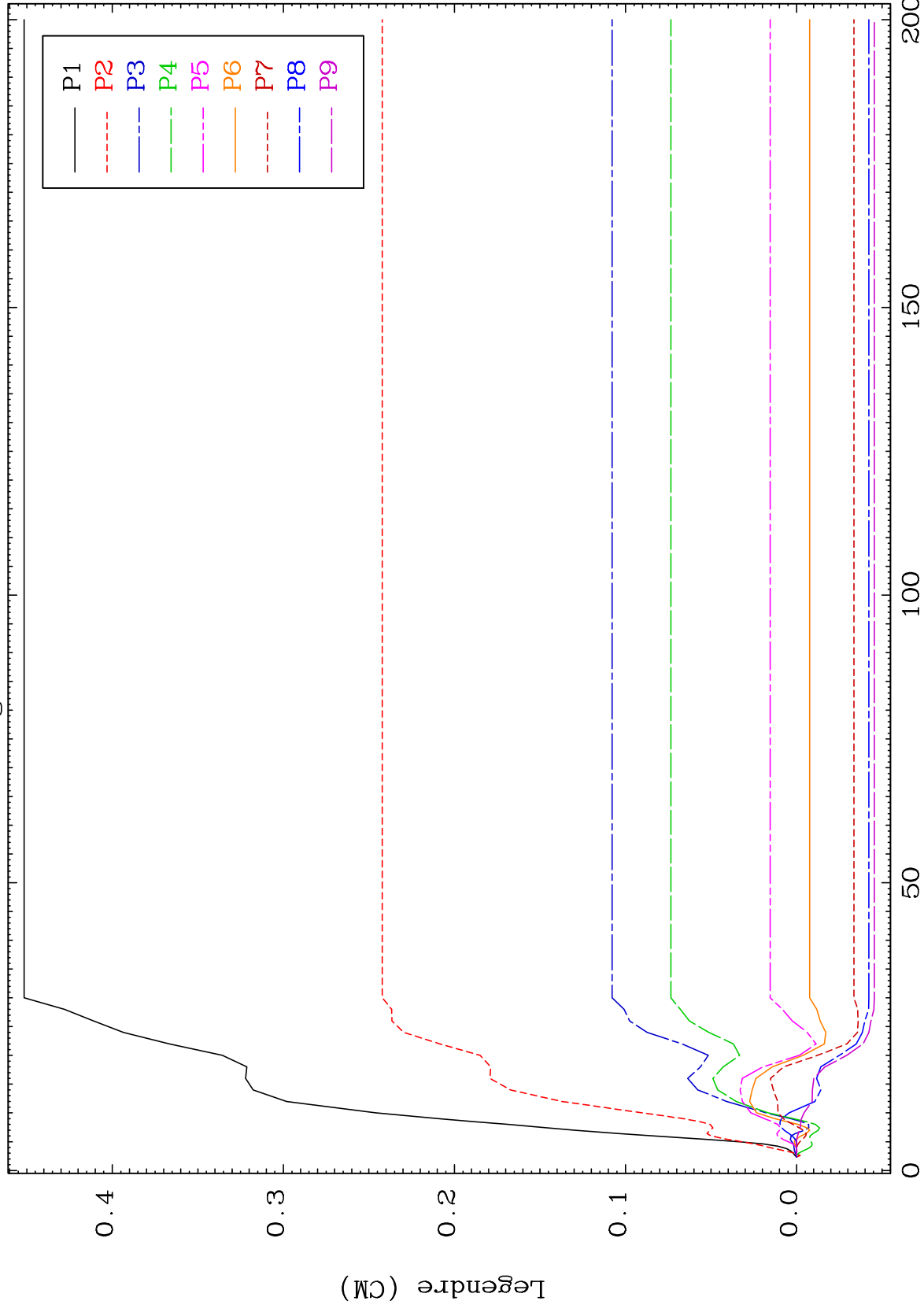




MAT 4449

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

44-Ru-104



96

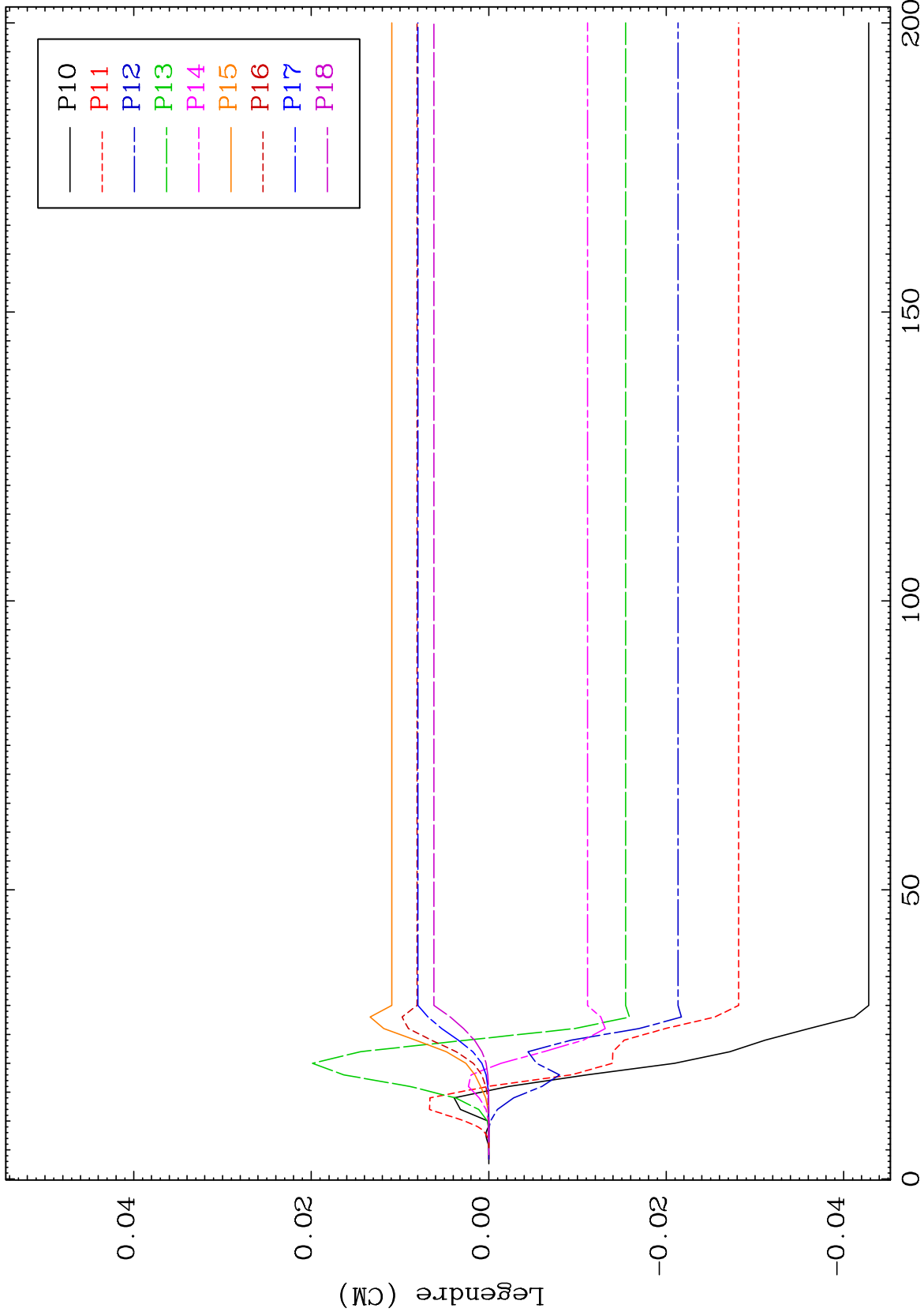
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



97

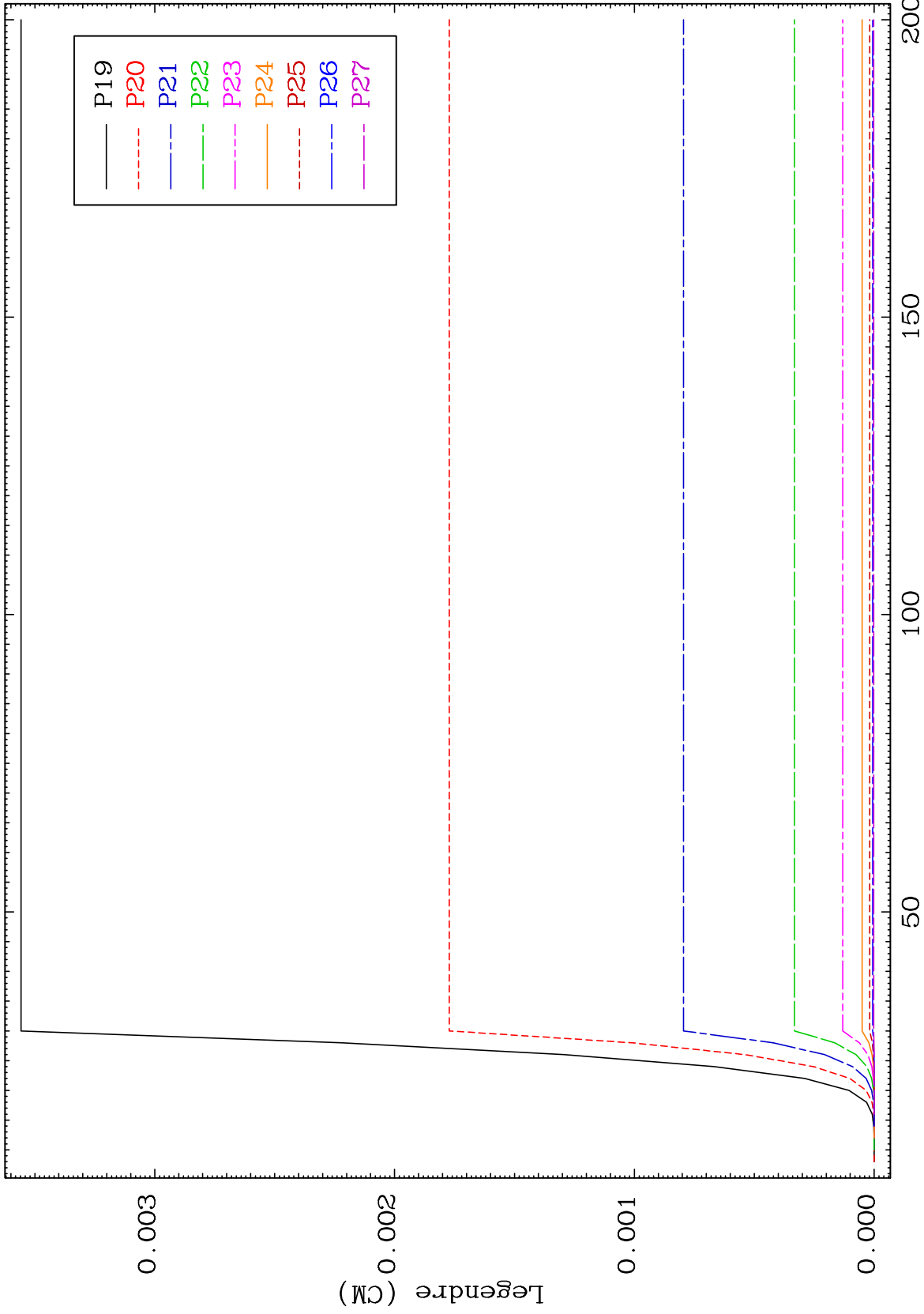
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



98

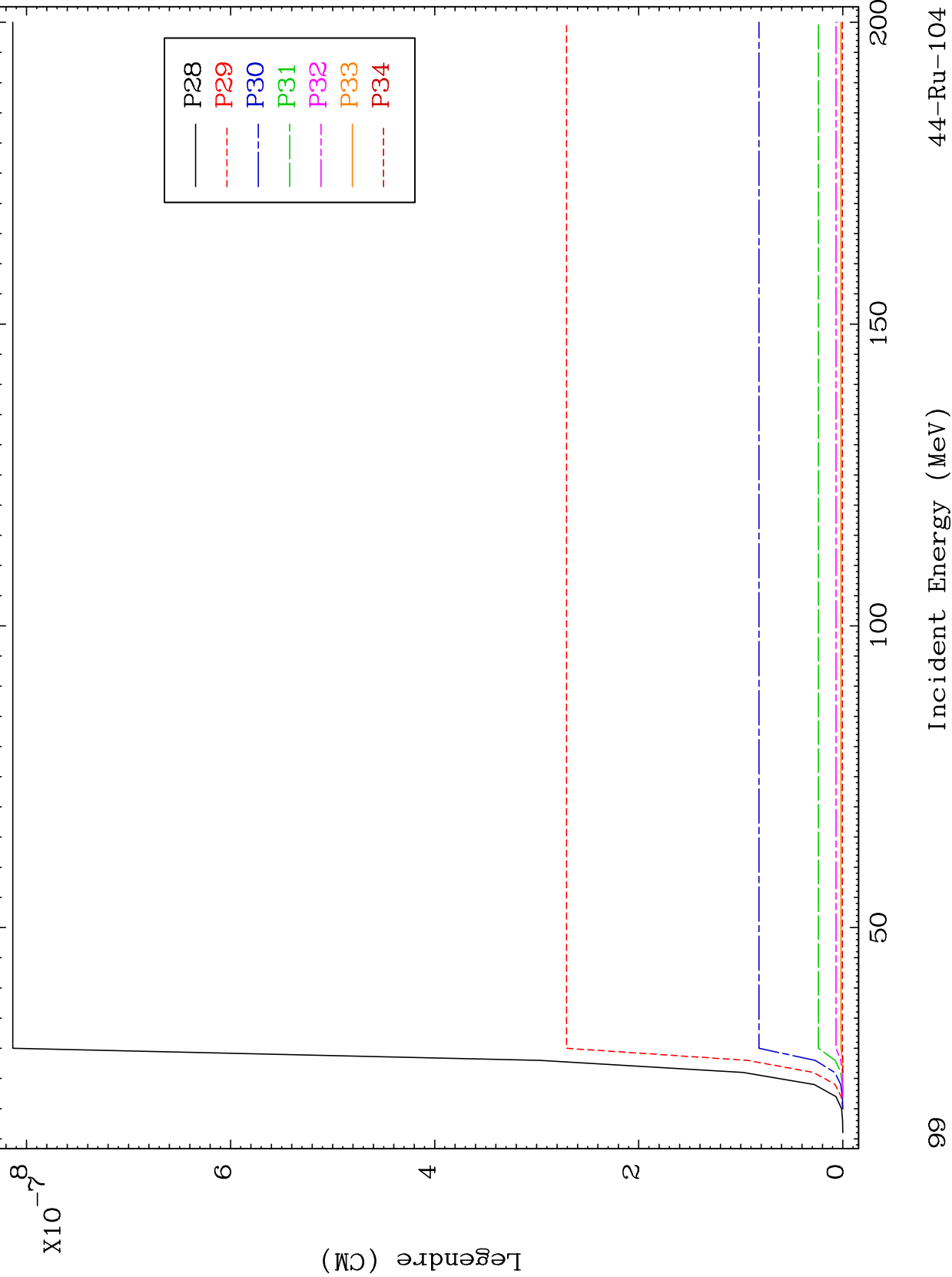
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



99

Incident Energy (MeV)

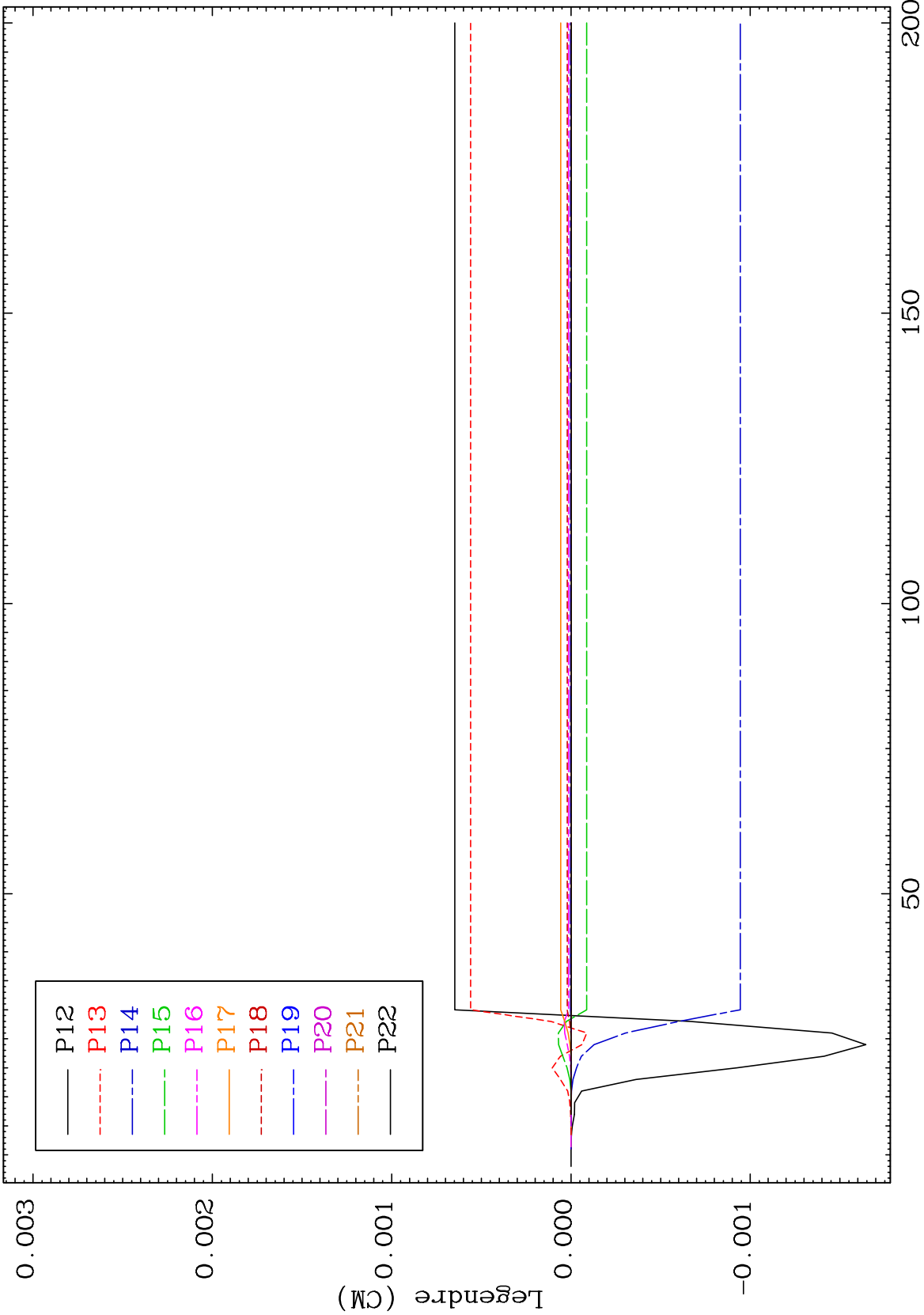
44-Ru-104



MAT 4449

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

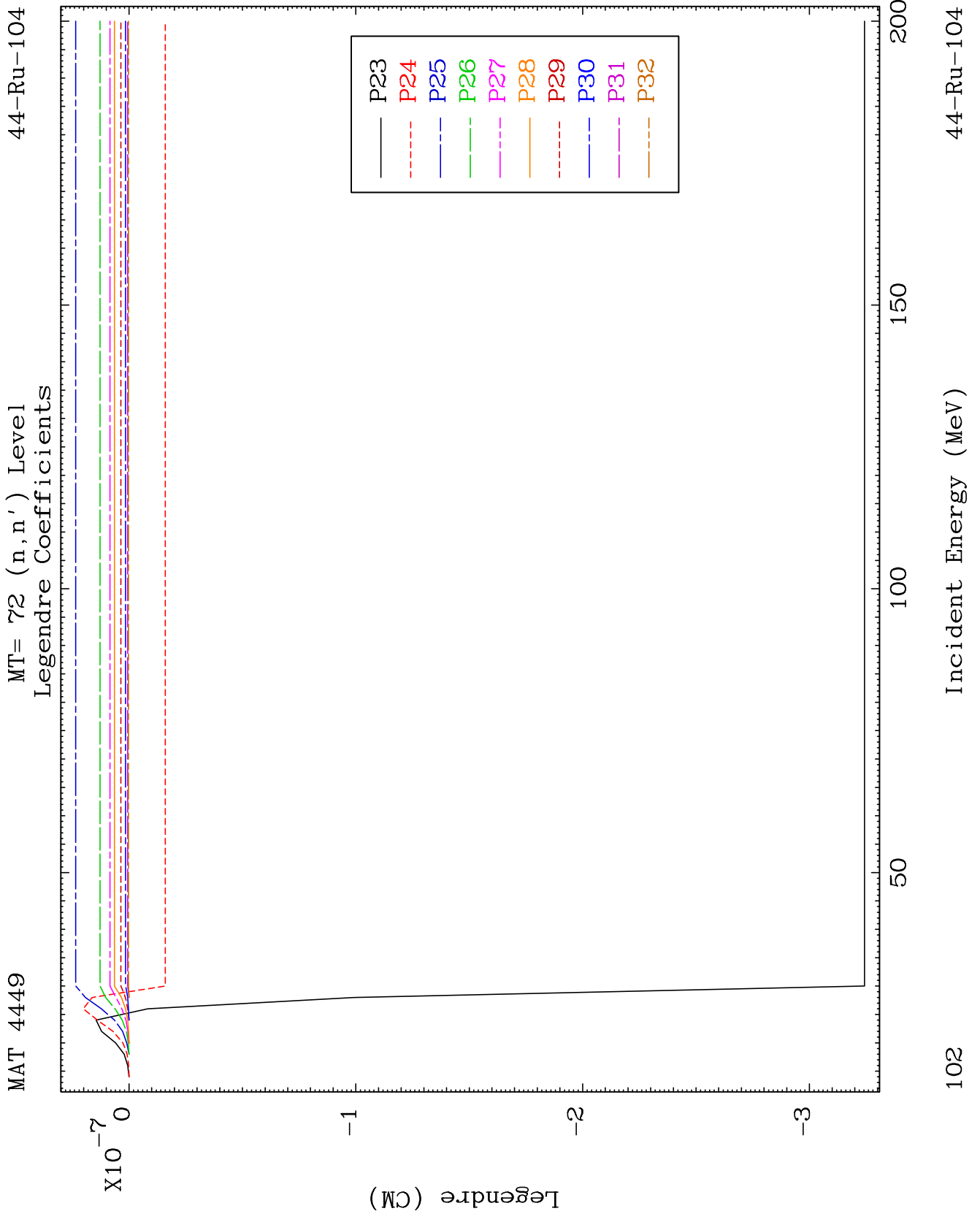
44-Ru-104



101

Incident Energy (MeV)

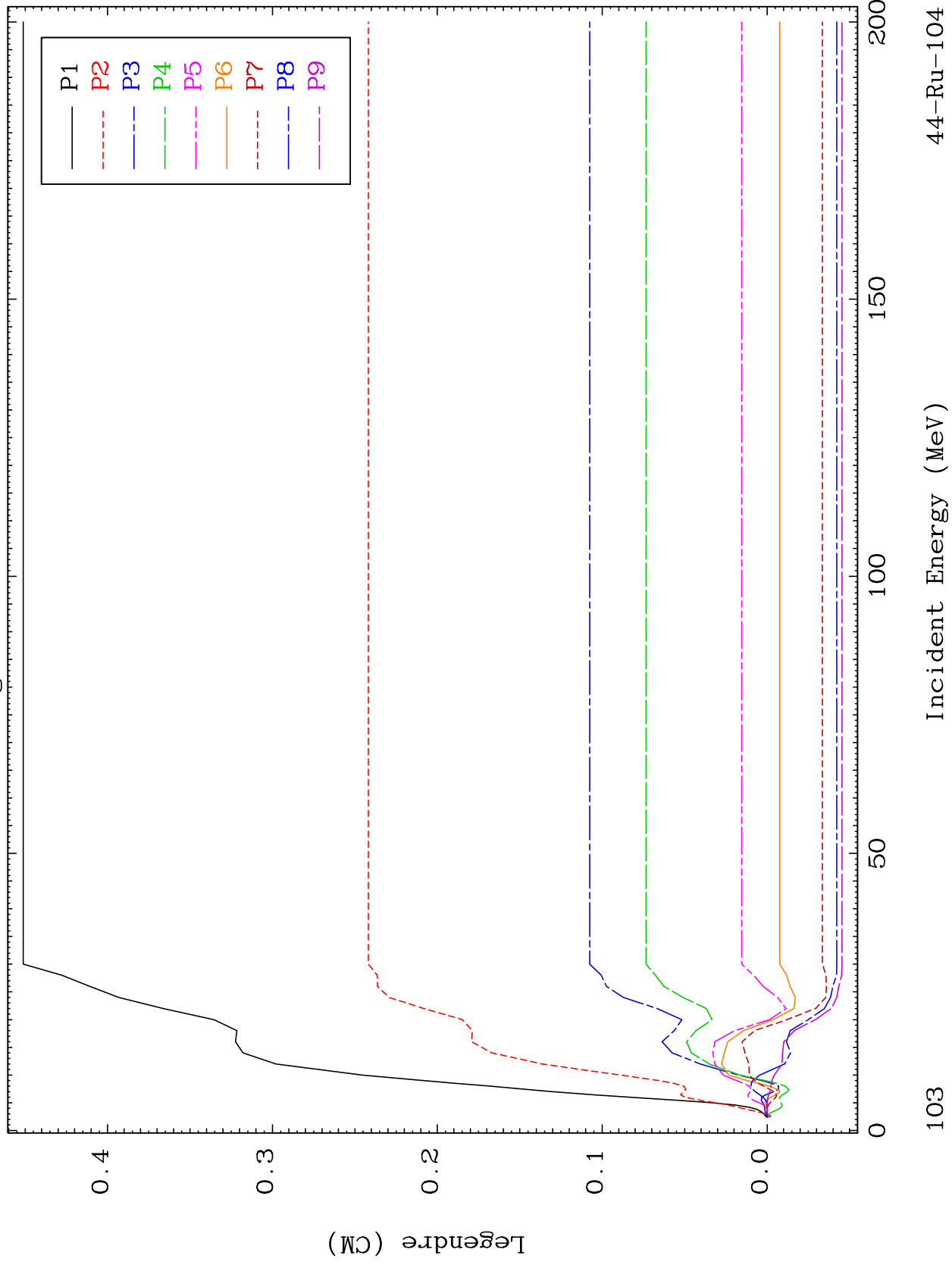
44-Ru-104



MAT 4449

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

44-Ru-104



44-Ru-104

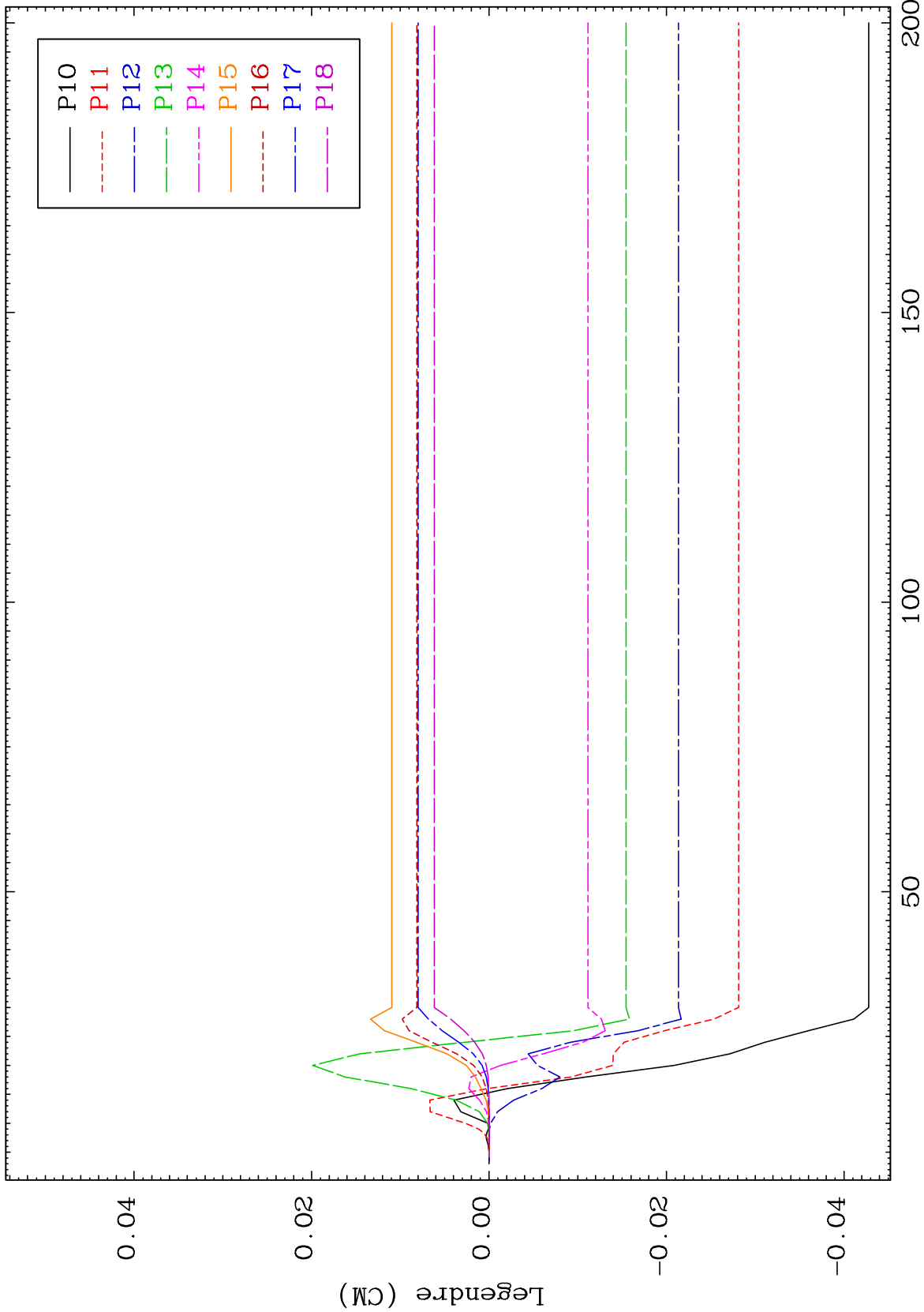
Incident Energy (MeV)

103

MAT 4449

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

44-Ru-104



104

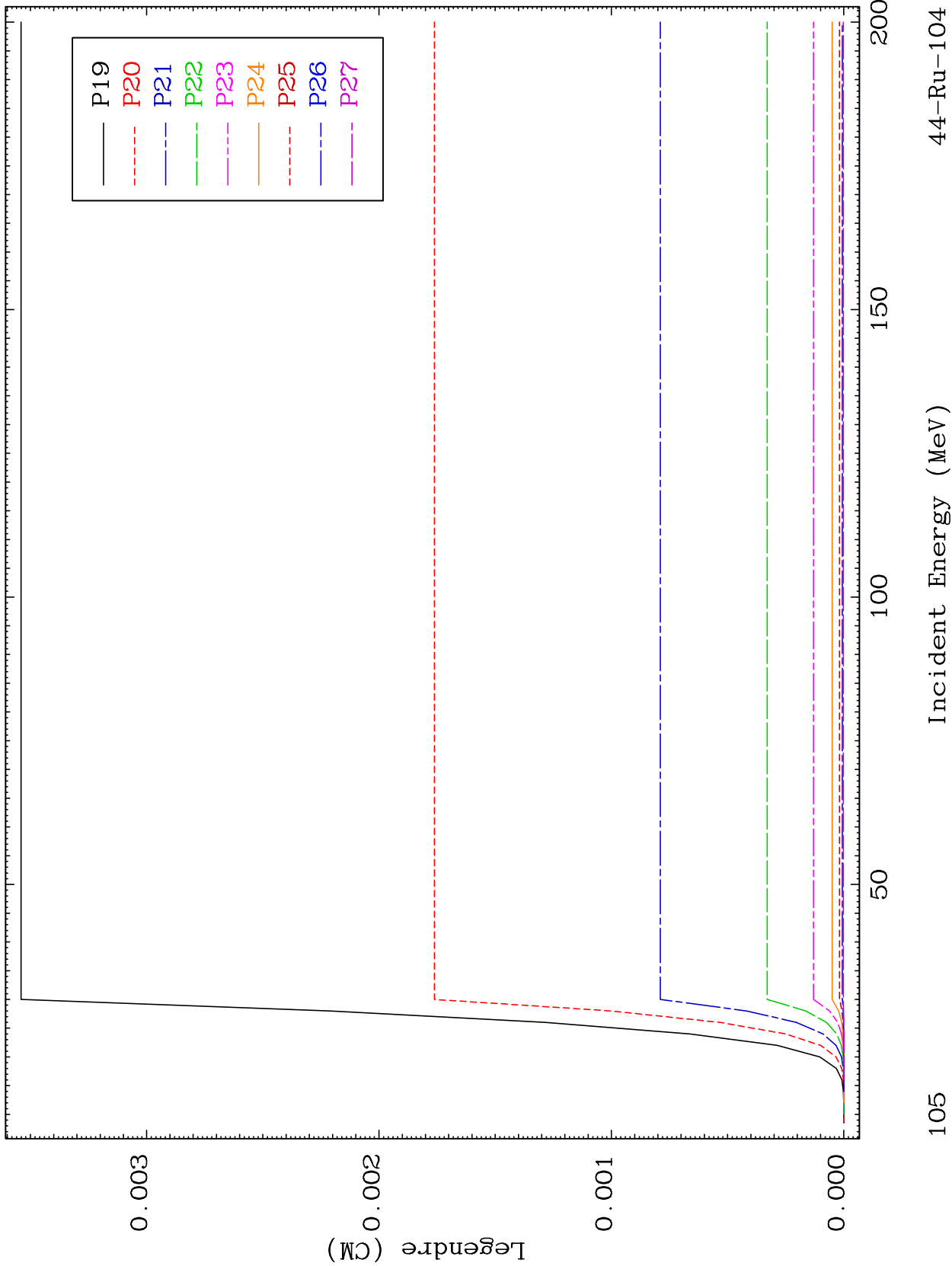
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



105

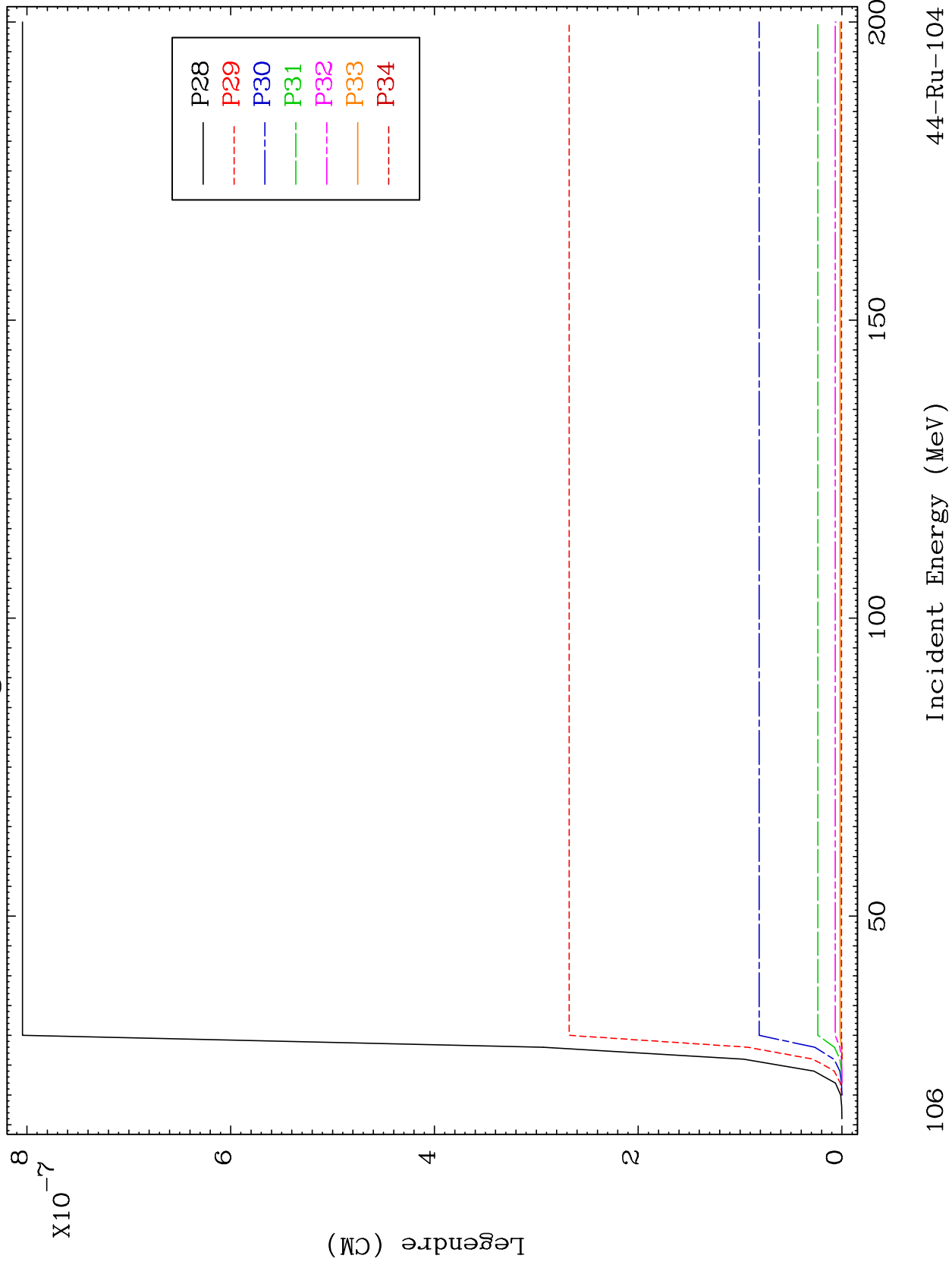
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

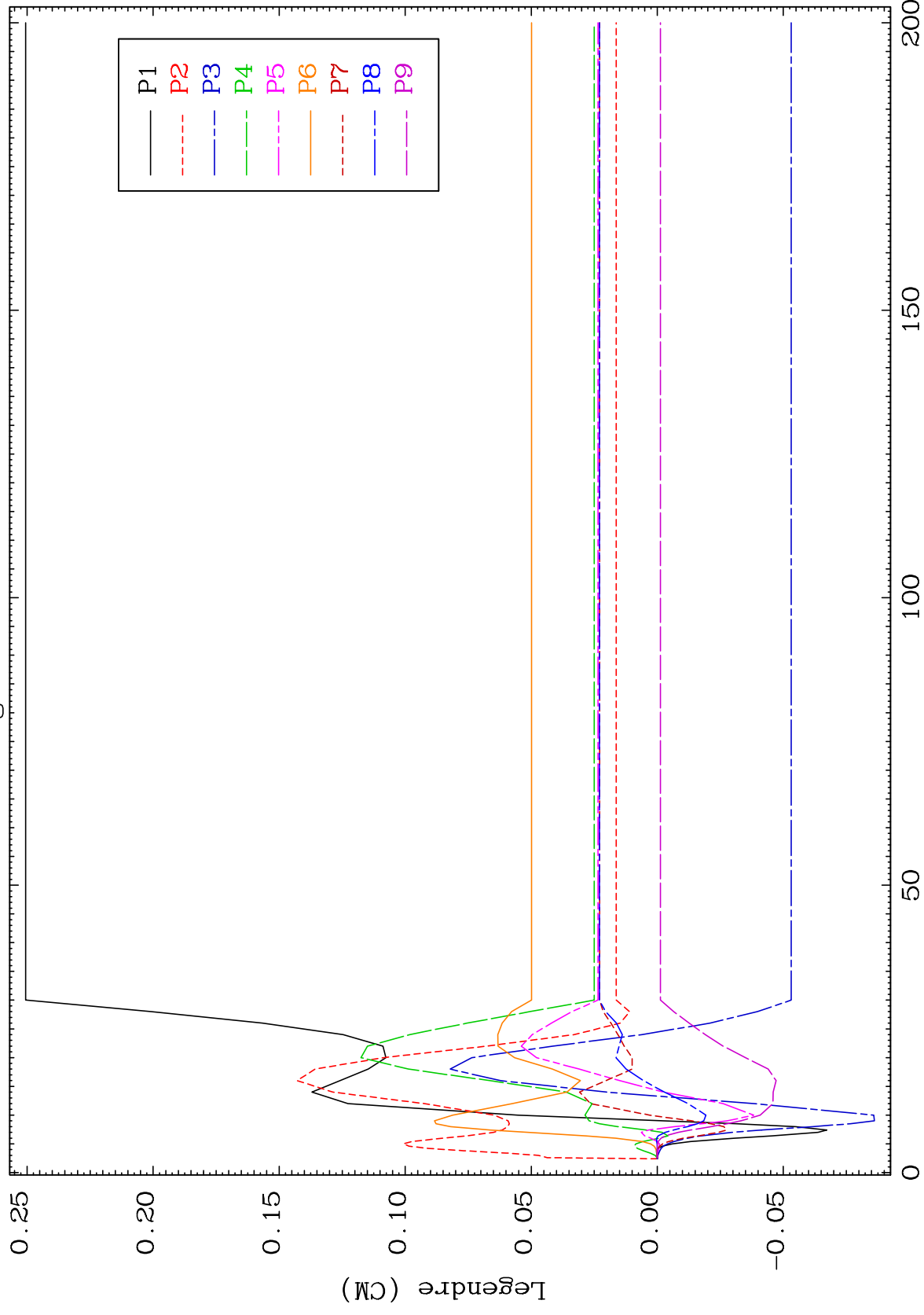


106

MAT 4449

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

44-Ru-104



107

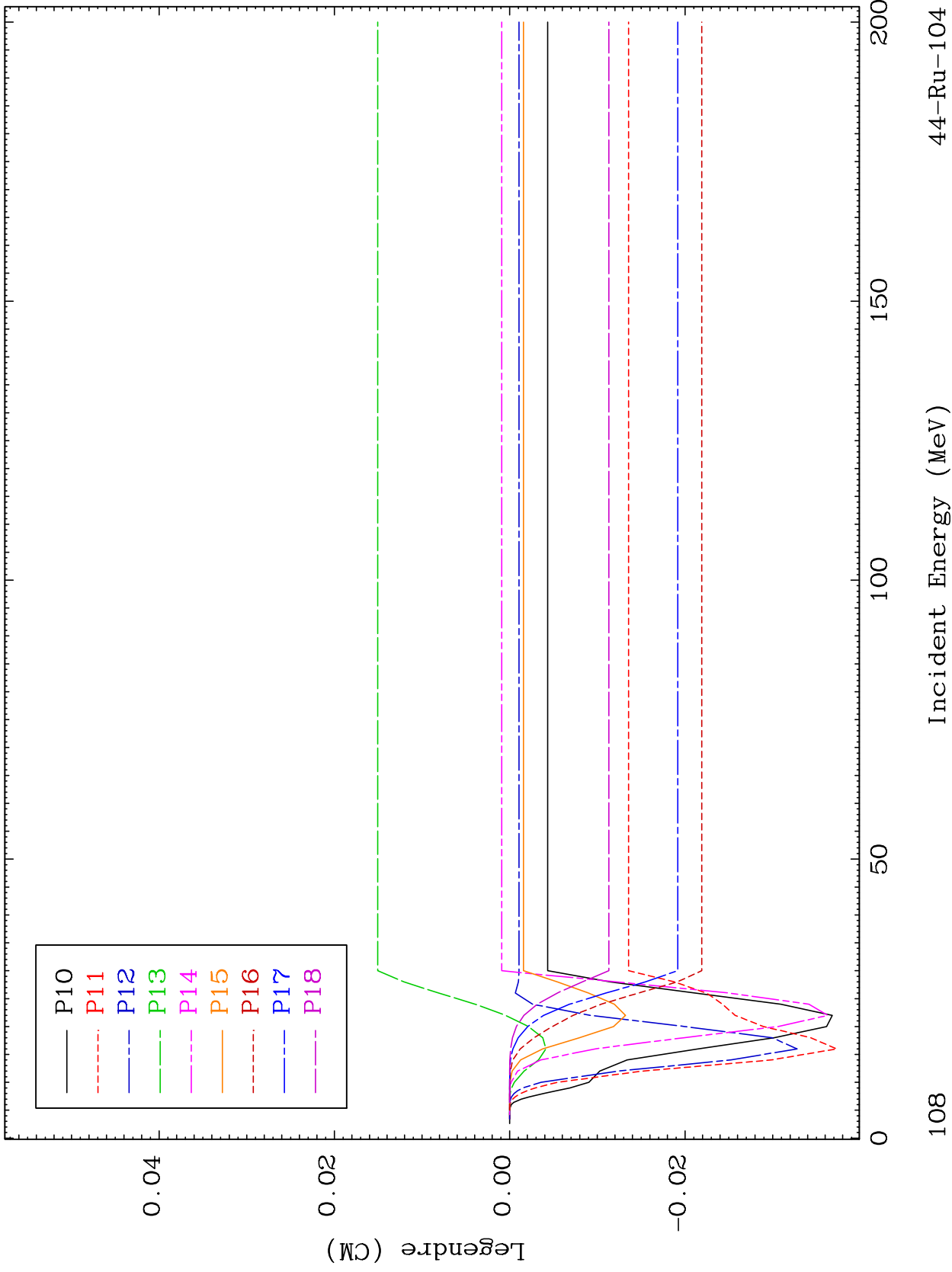
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



108

Incident Energy (MeV)

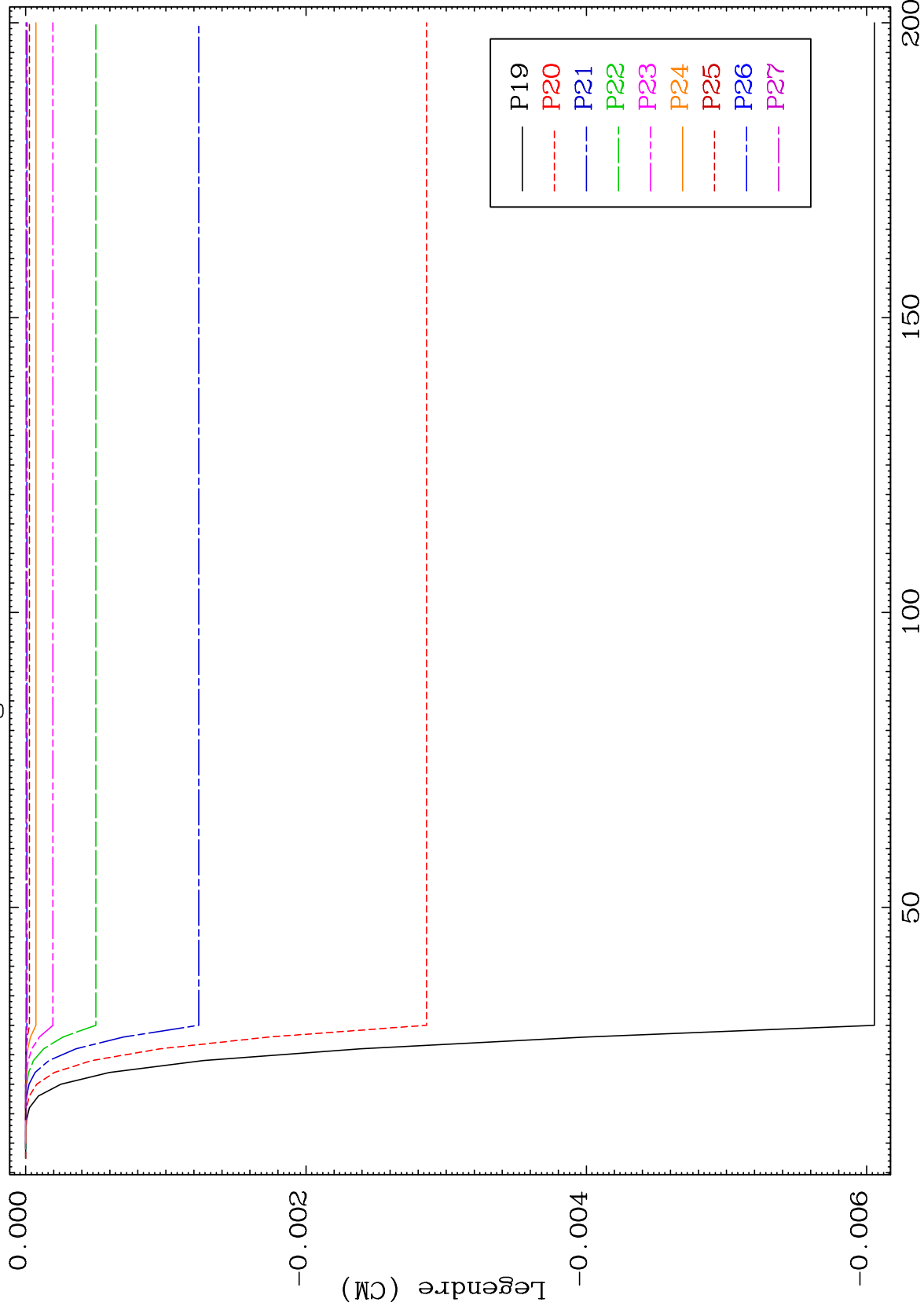
44-Ru-104

MAT 4449

MT= 74 (n,n') Level

44-Ru-104

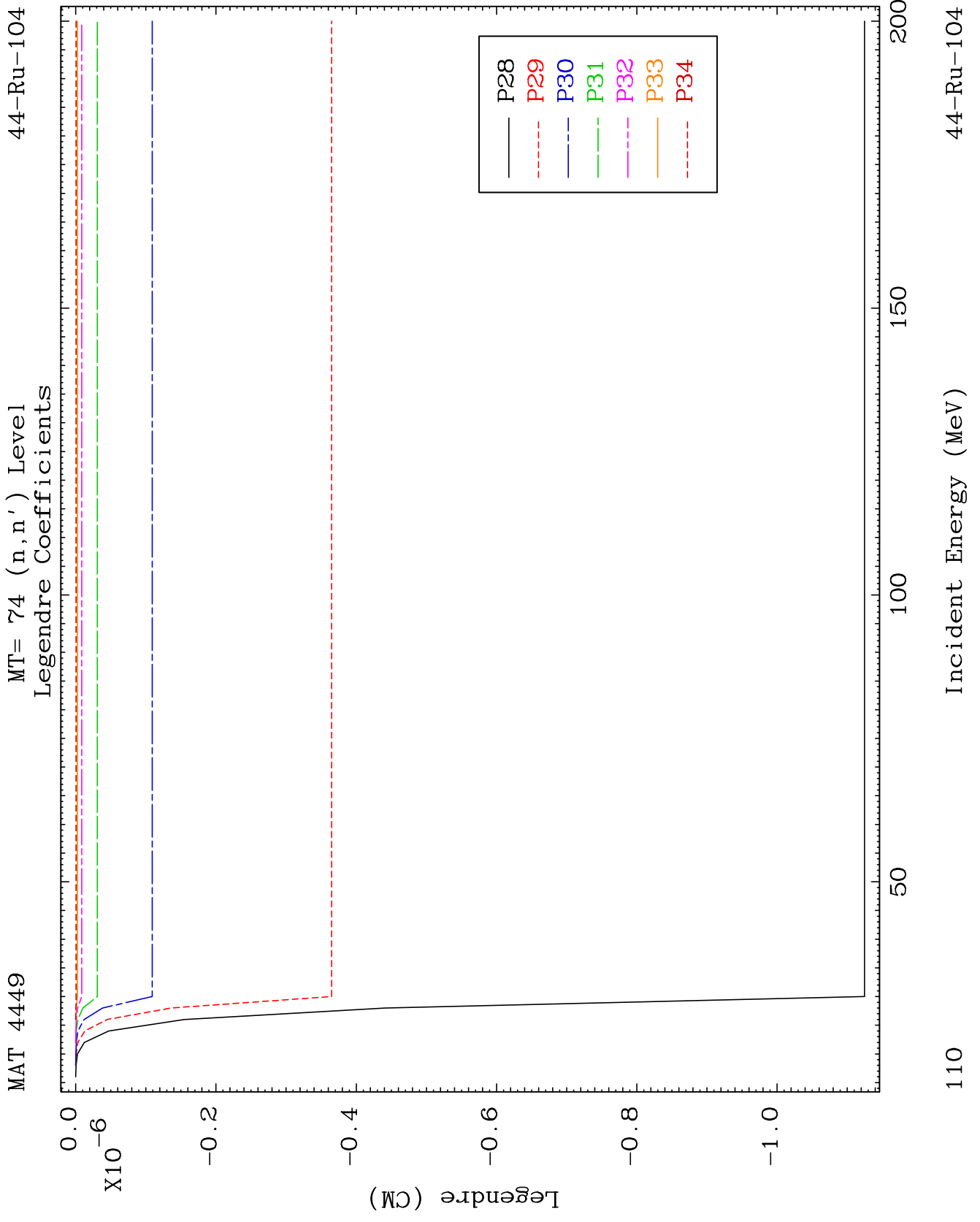
Legendre Coefficients



44-Ru-104

Incident Energy (MeV)

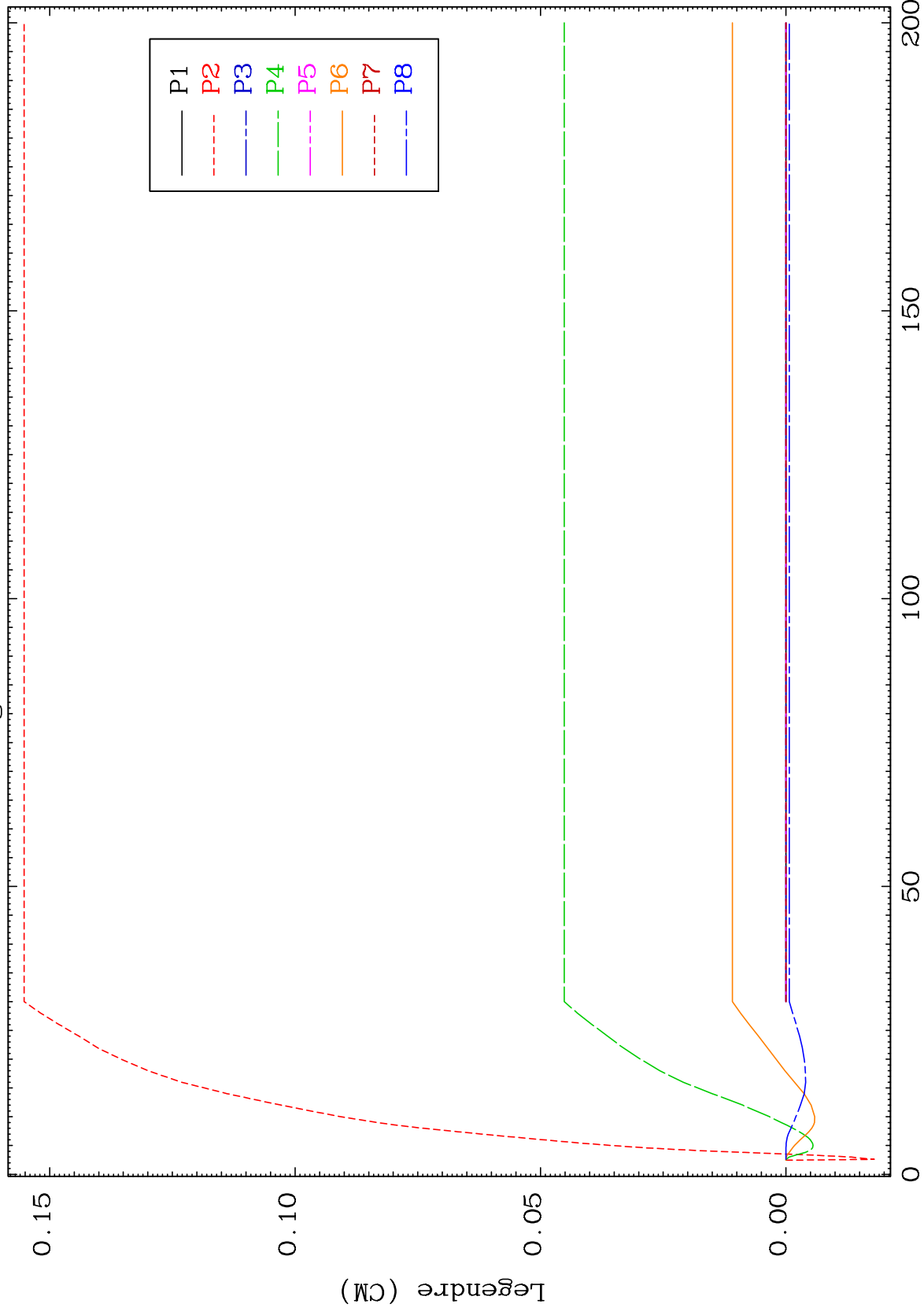
109



MAT 4449

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

44-Ru-104



111

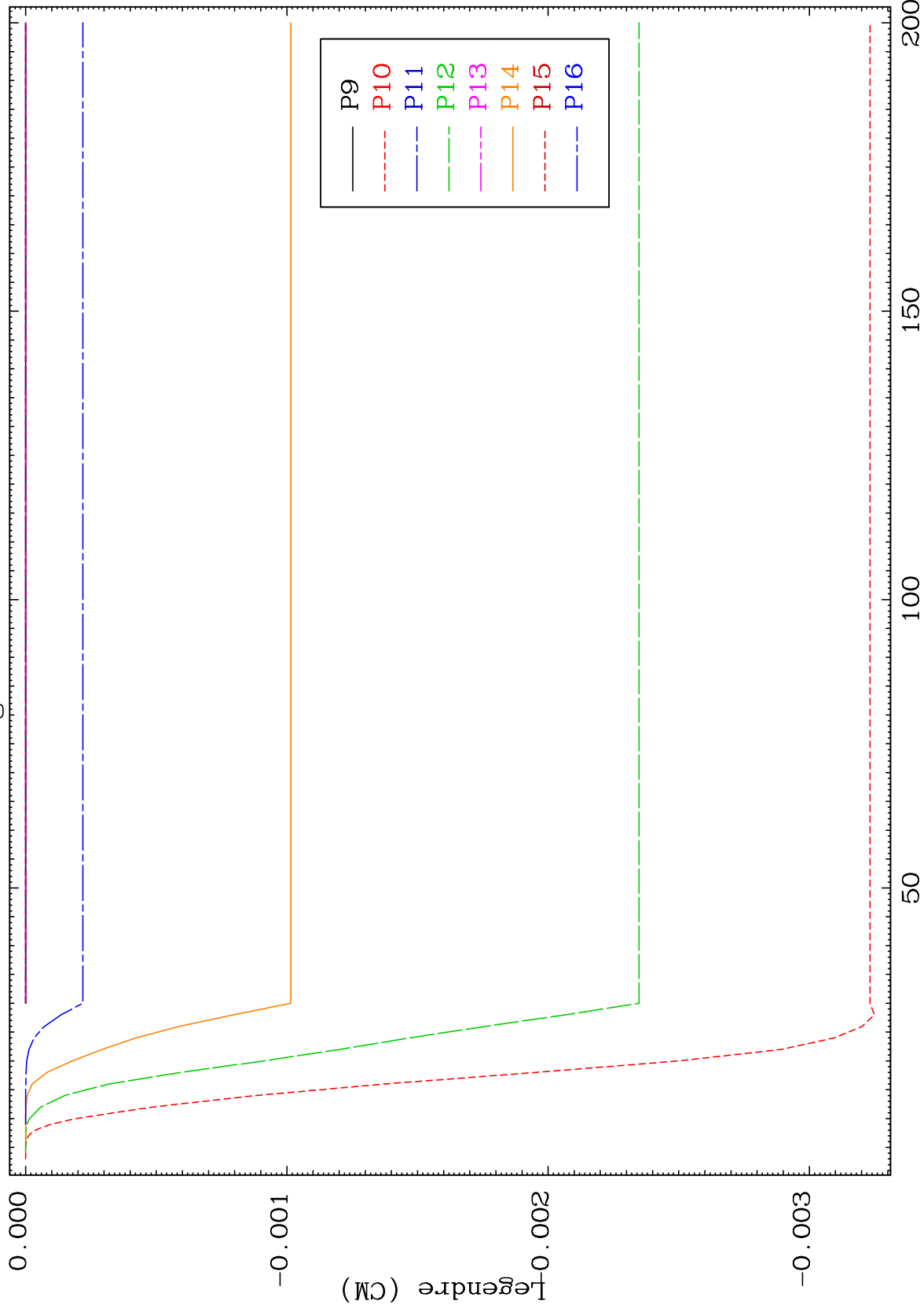
Incident Energy (MeV)

44-Ru-104

MAT 4449

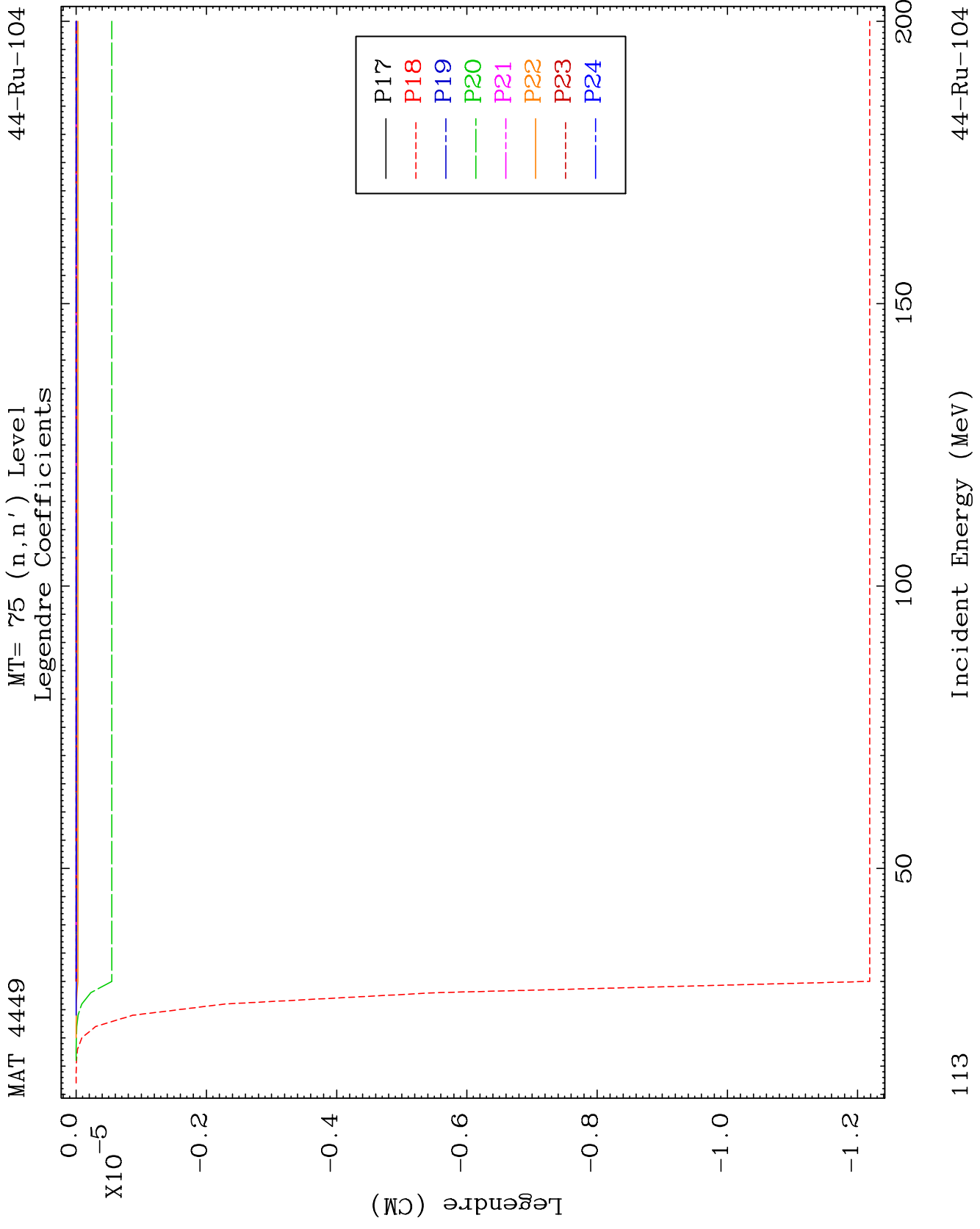
MT= 75 (n,n') Level  
Legendre Coefficients

44-Ru-104



112

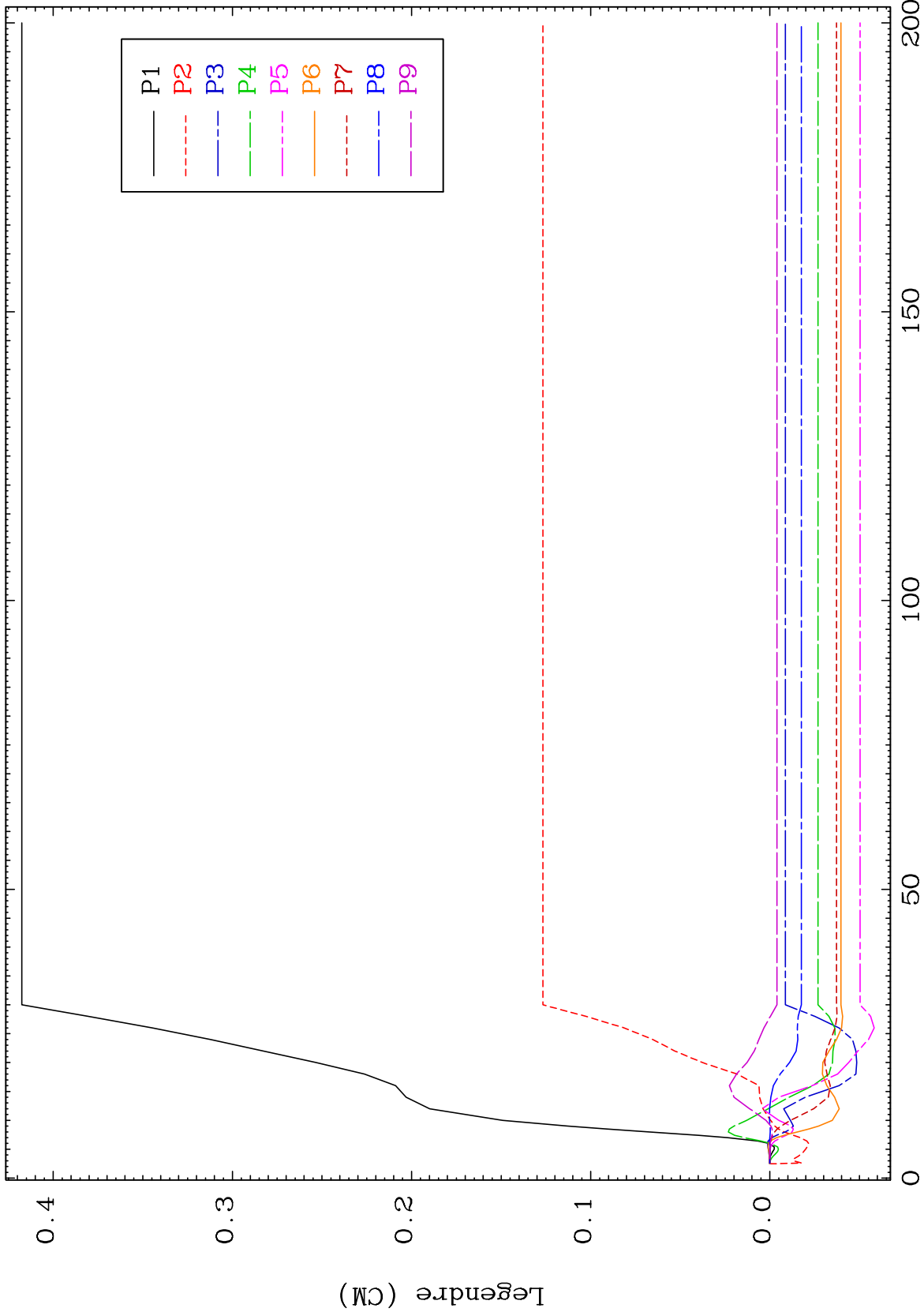
44-Ru-104



MAT 4449

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

44-Ru-104



114

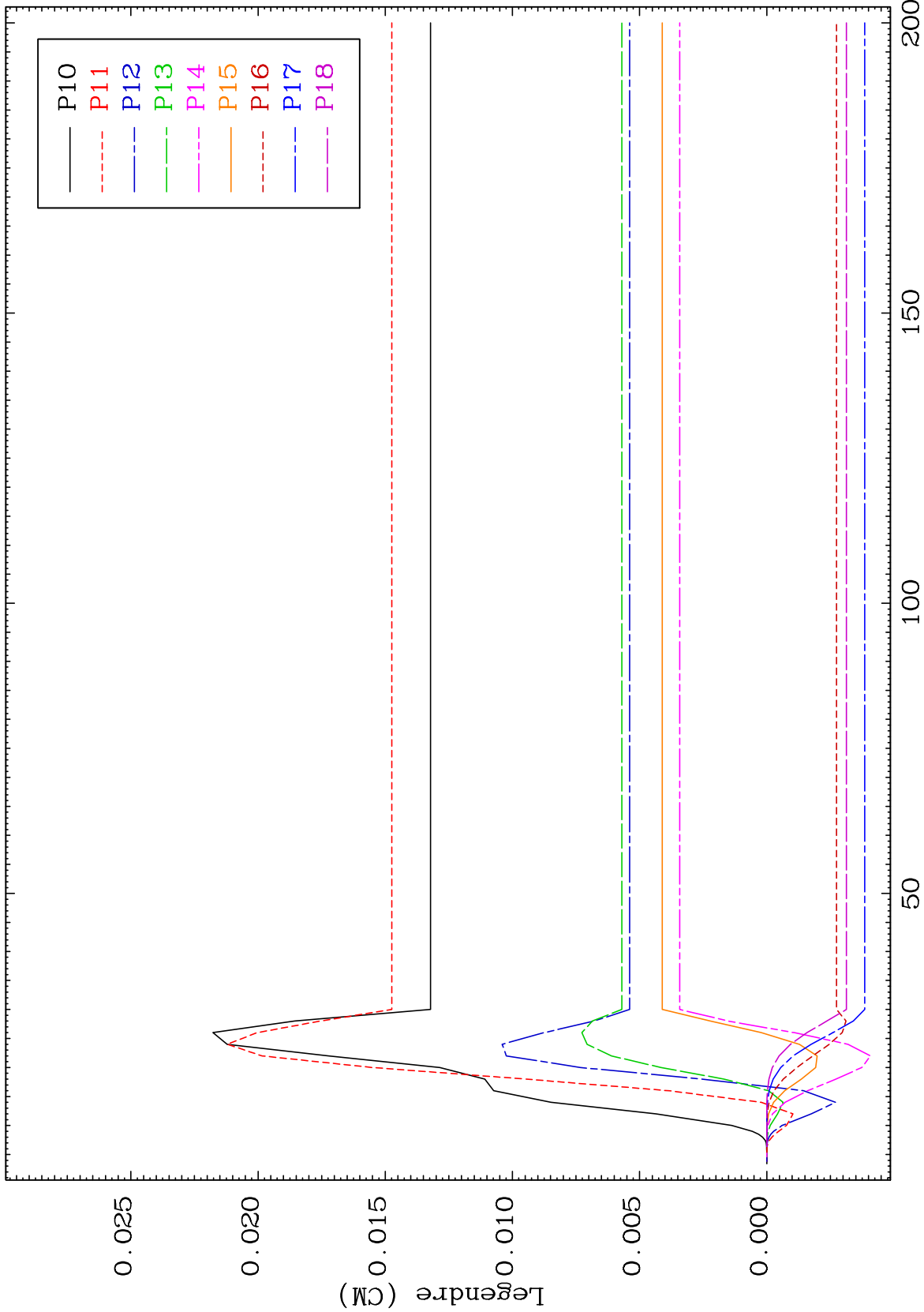
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



115

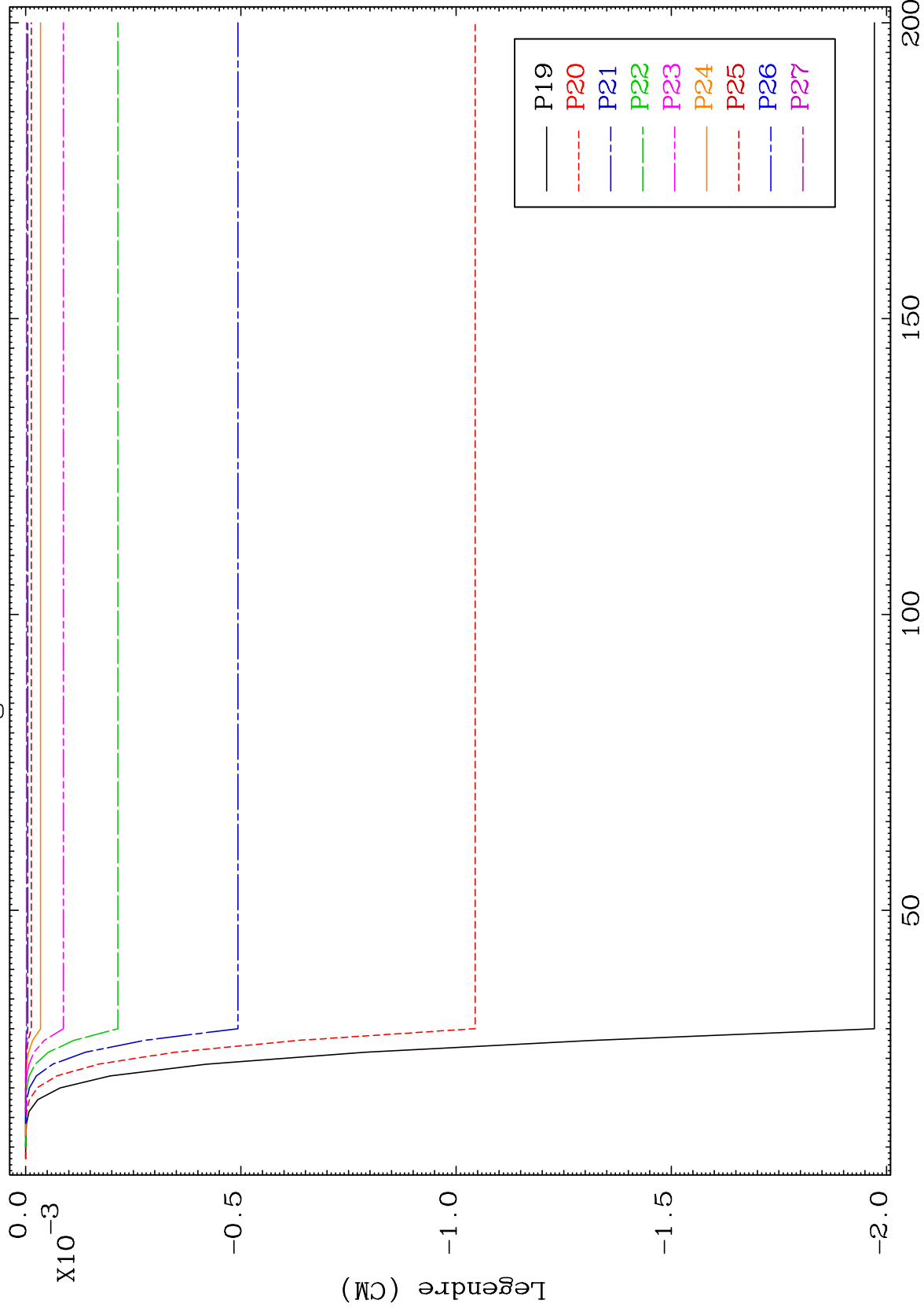
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

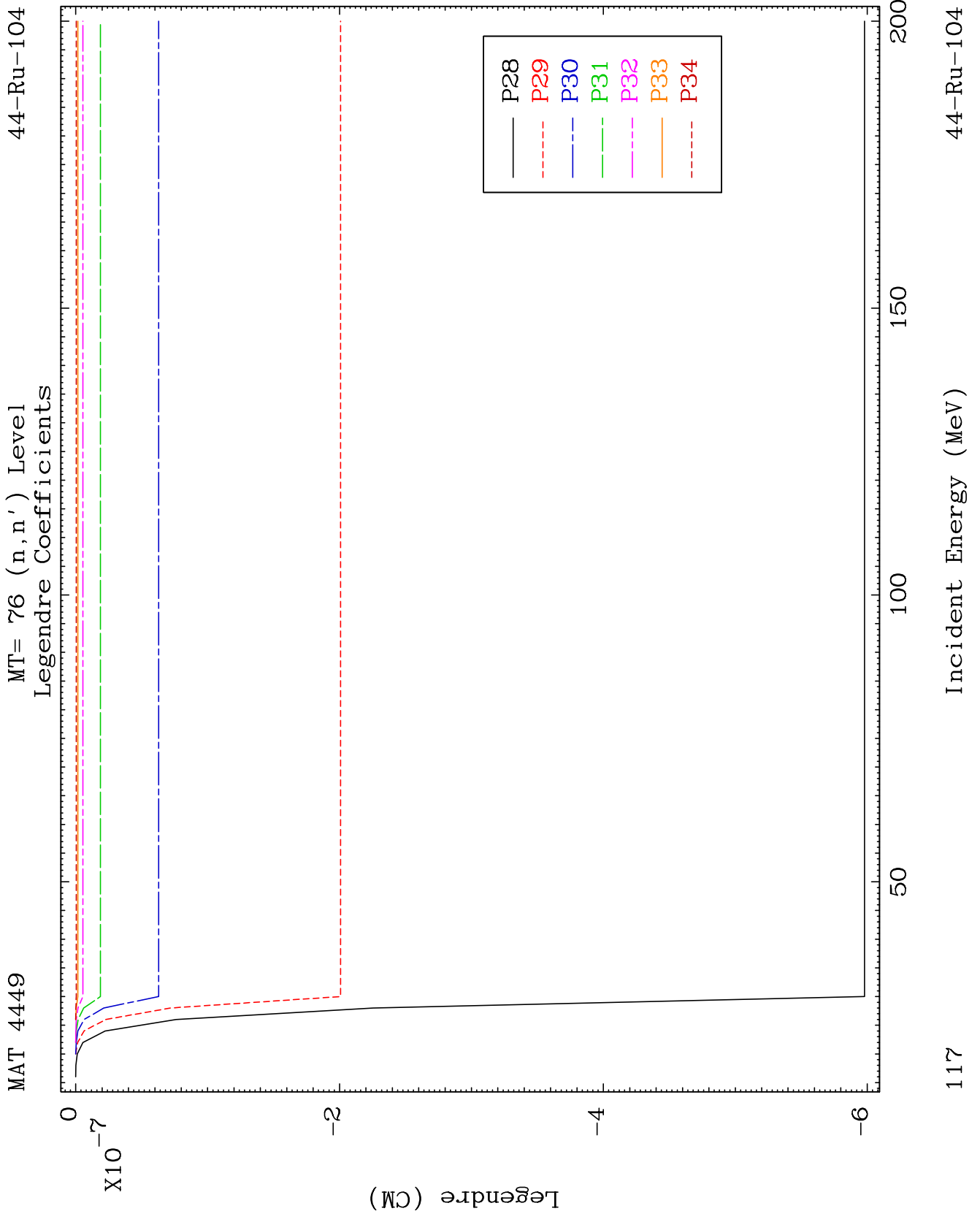
44-Ru-104



116

Incident Energy (MeV)

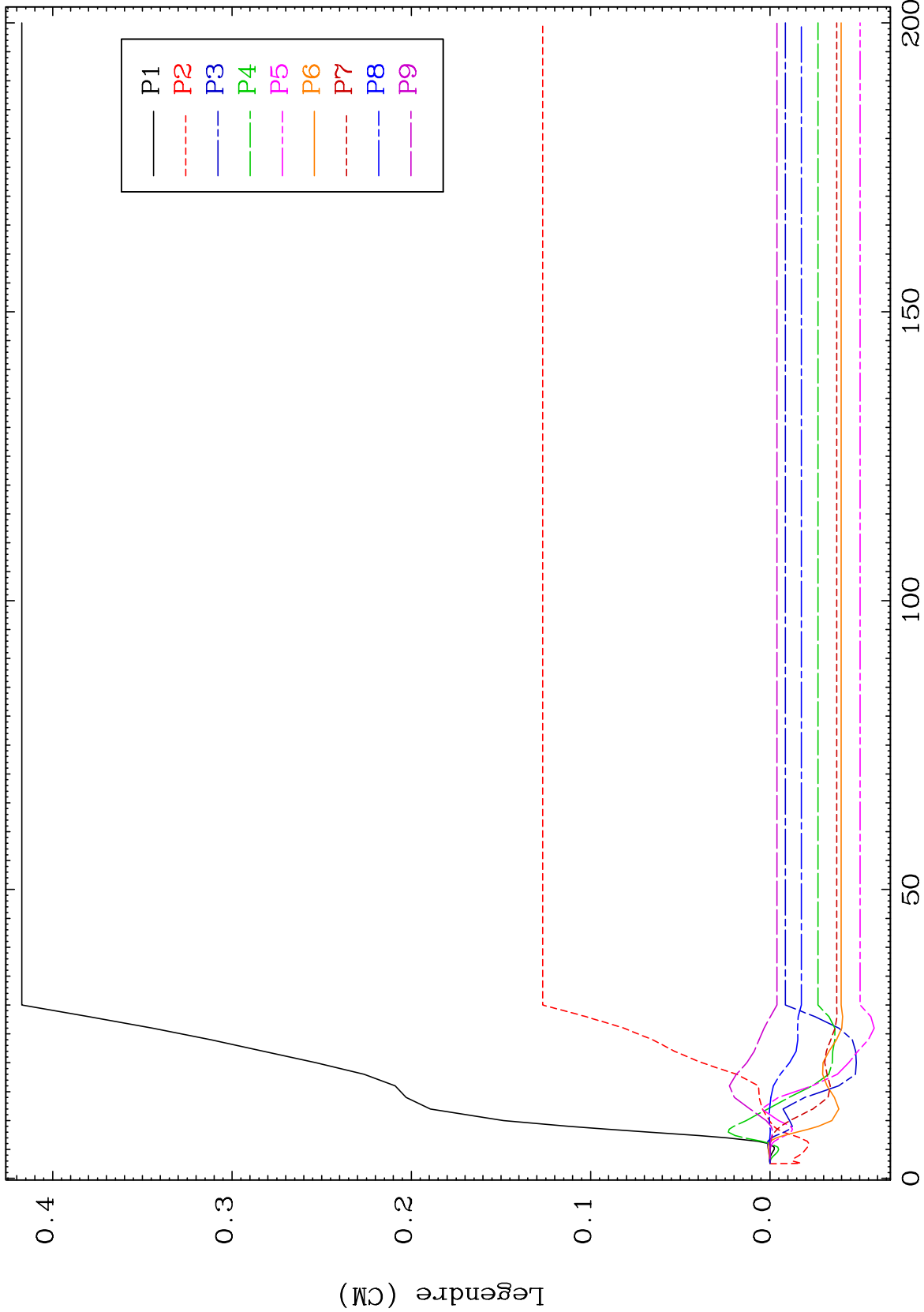
44-Ru-104



MAT 4449

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

44-Ru-104



118

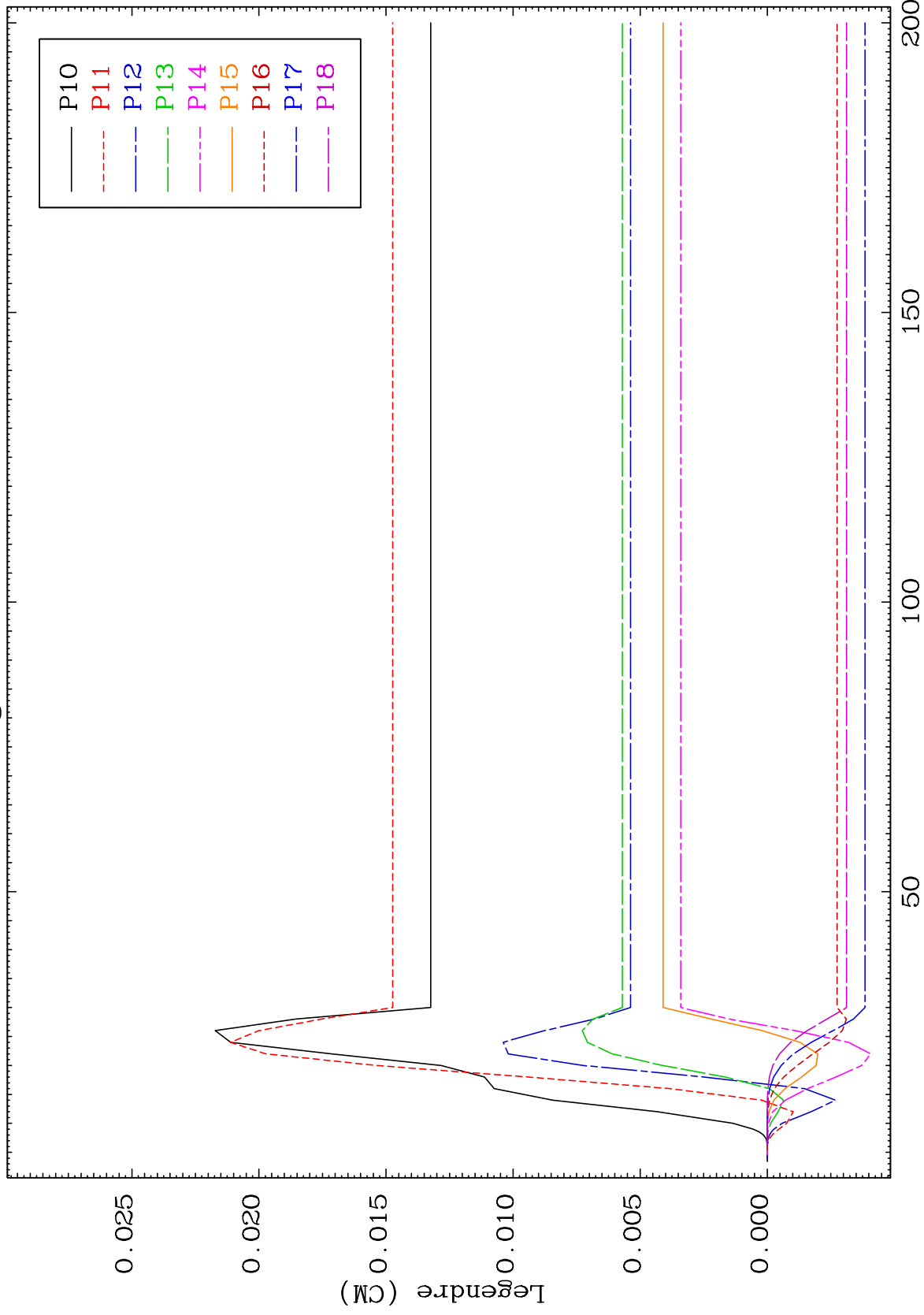
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



119

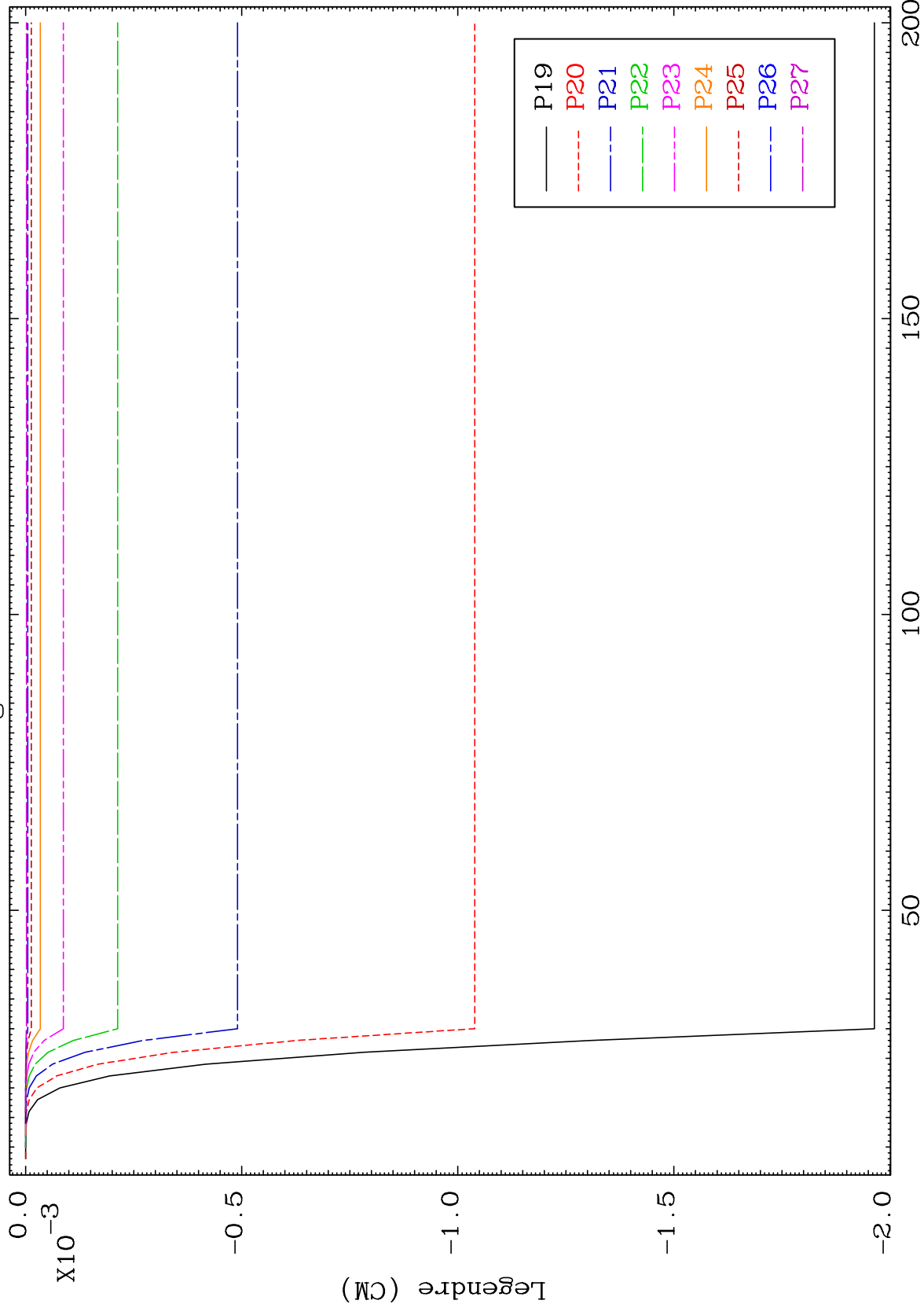
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

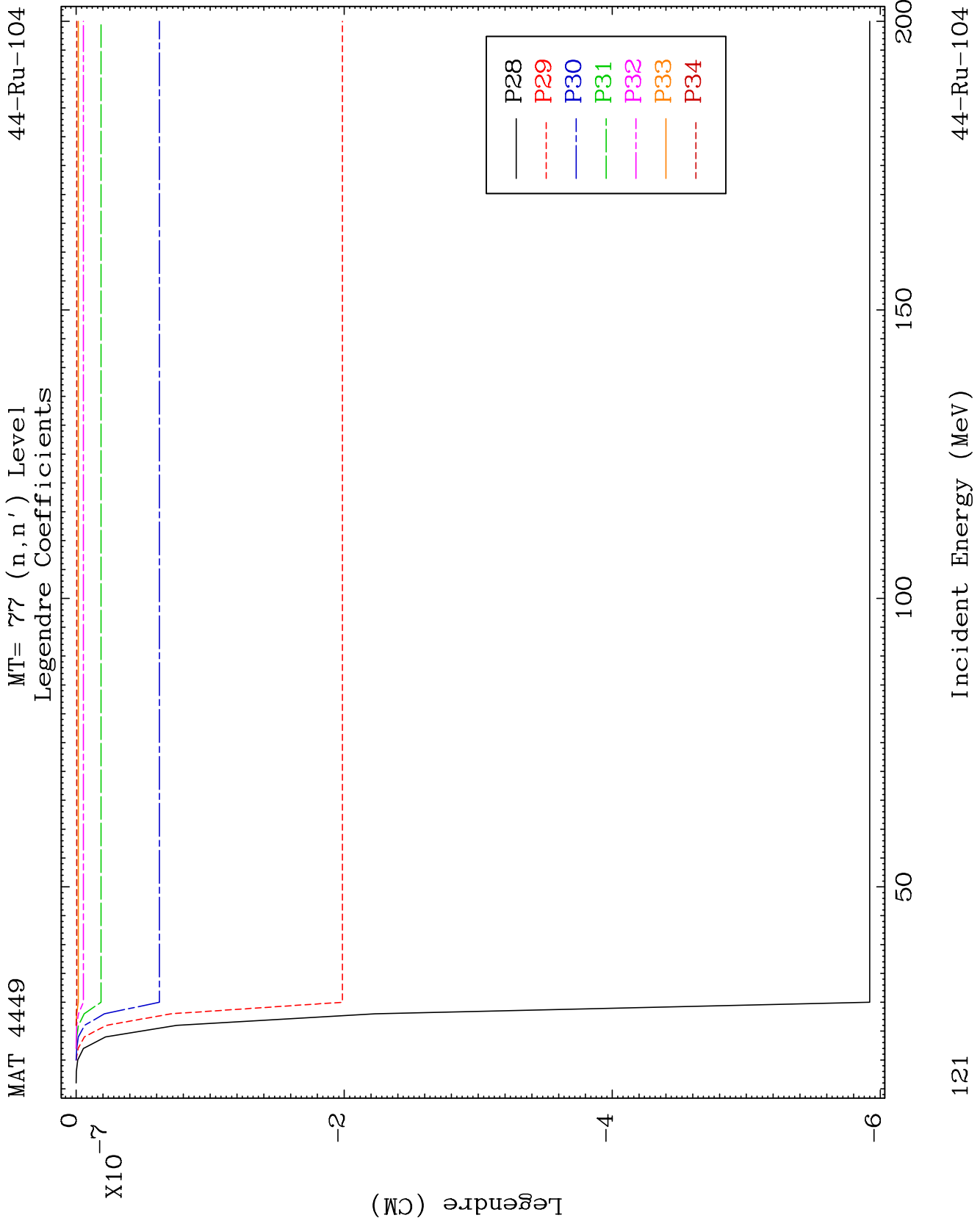
44-Ru-104



120

Incident Energy (MeV)

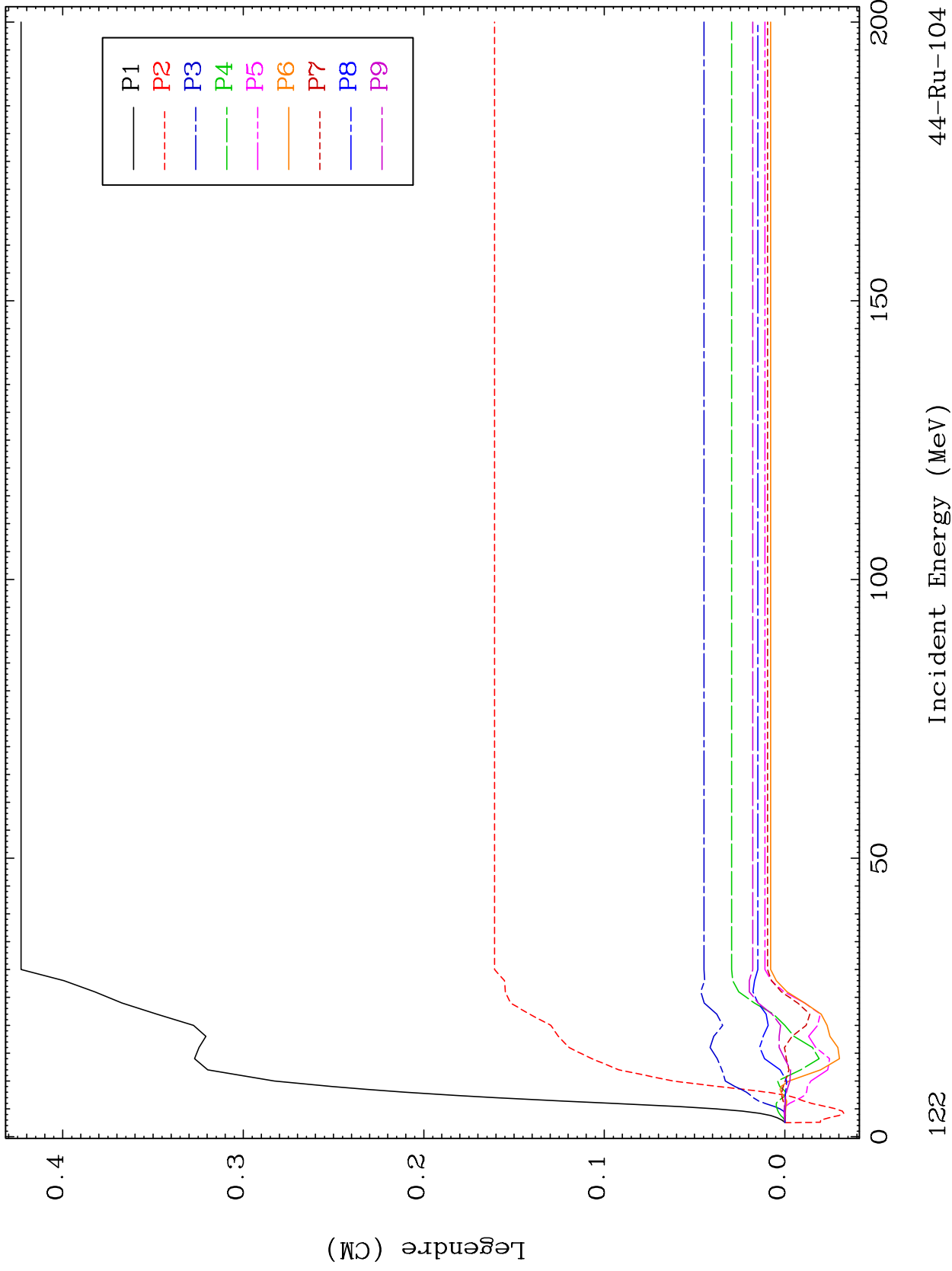
44-Ru-104



MAT 4449

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

44-Ru-104



44-Ru-104

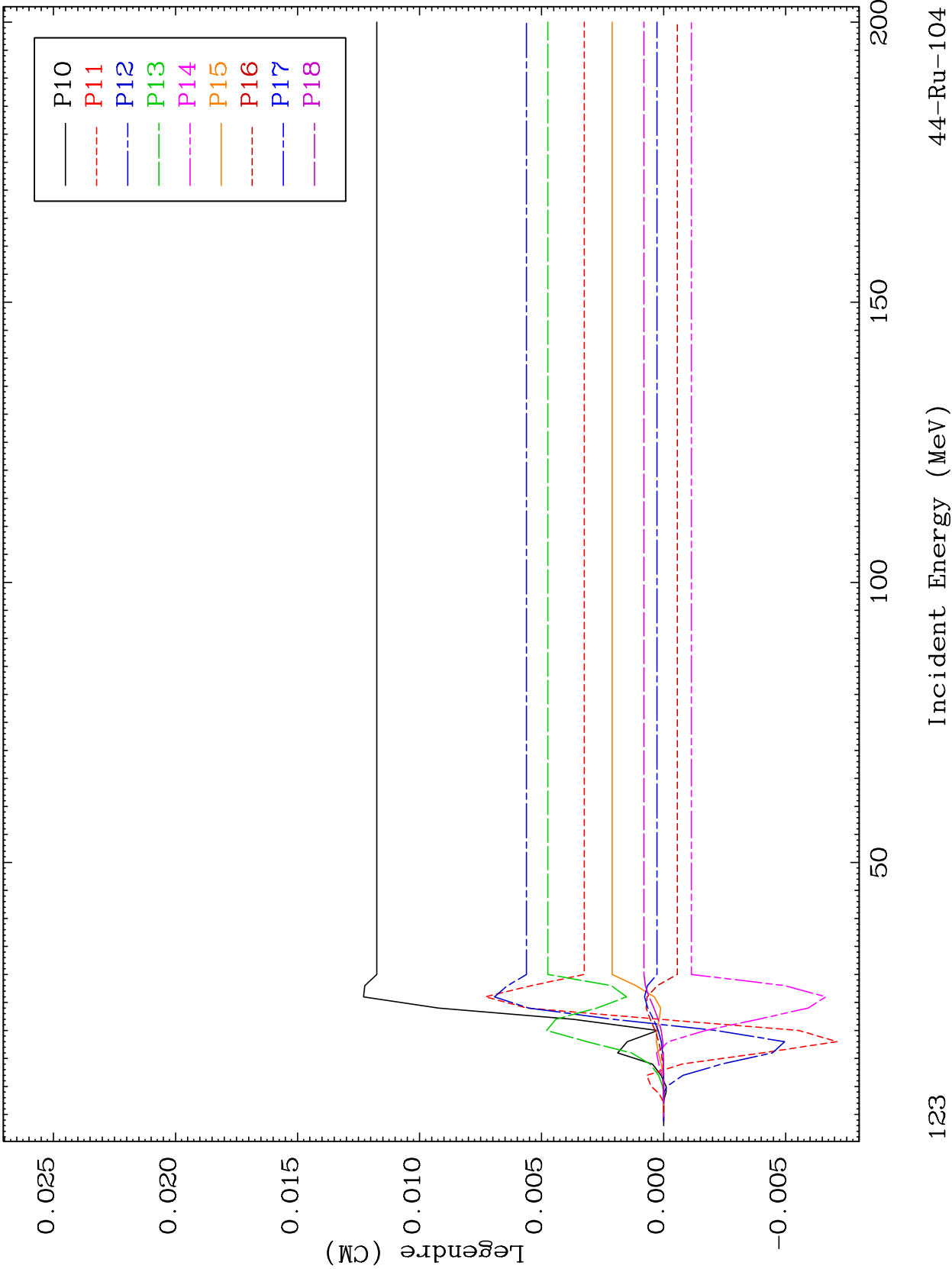
Incident Energy (MeV)

122

MAT 4449

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

44-Ru-104



123

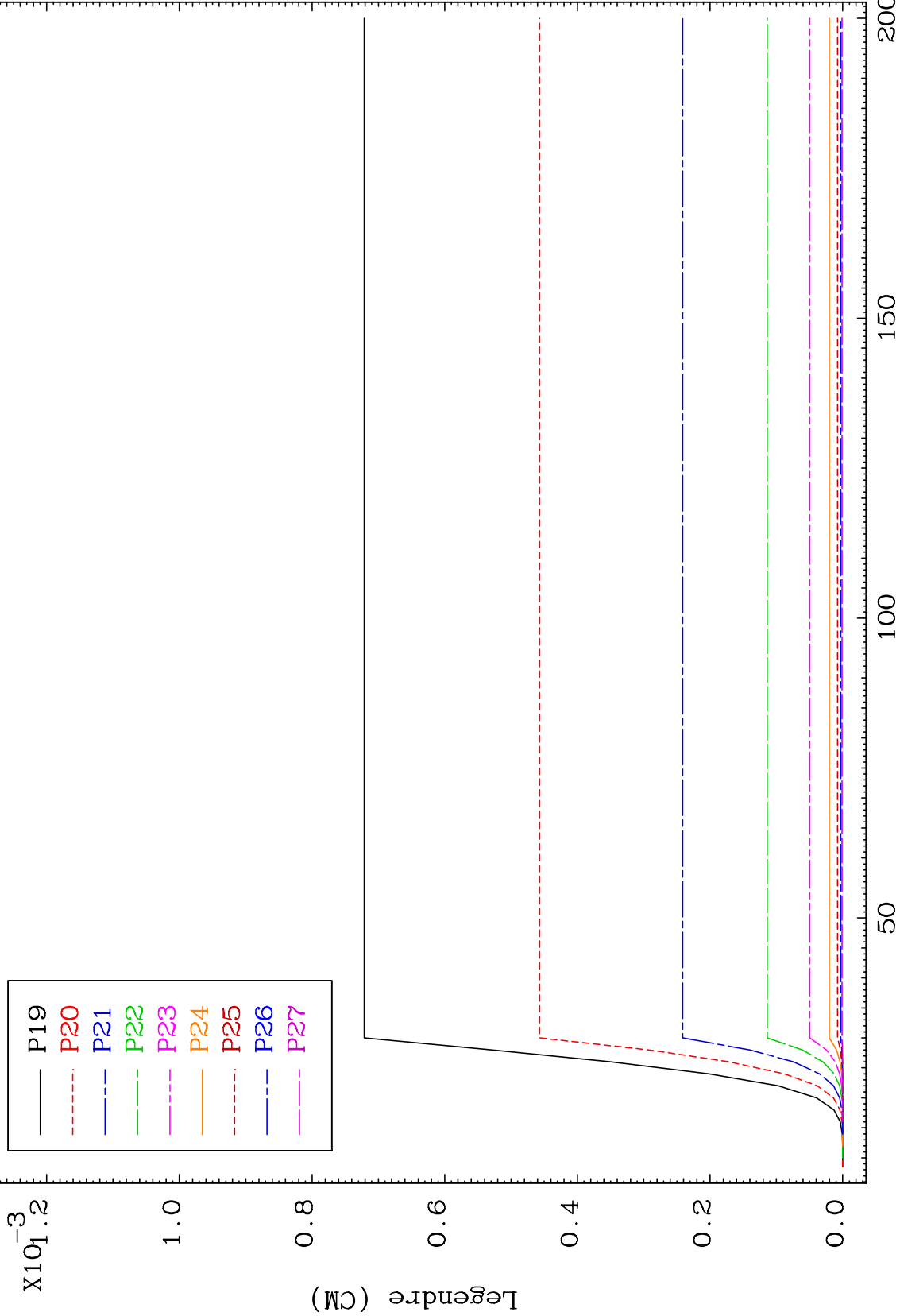
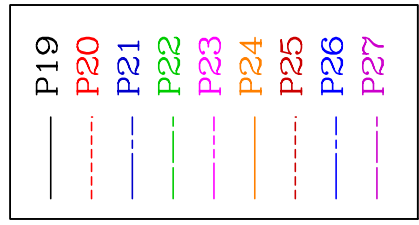
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



124

Incident Energy (MeV)

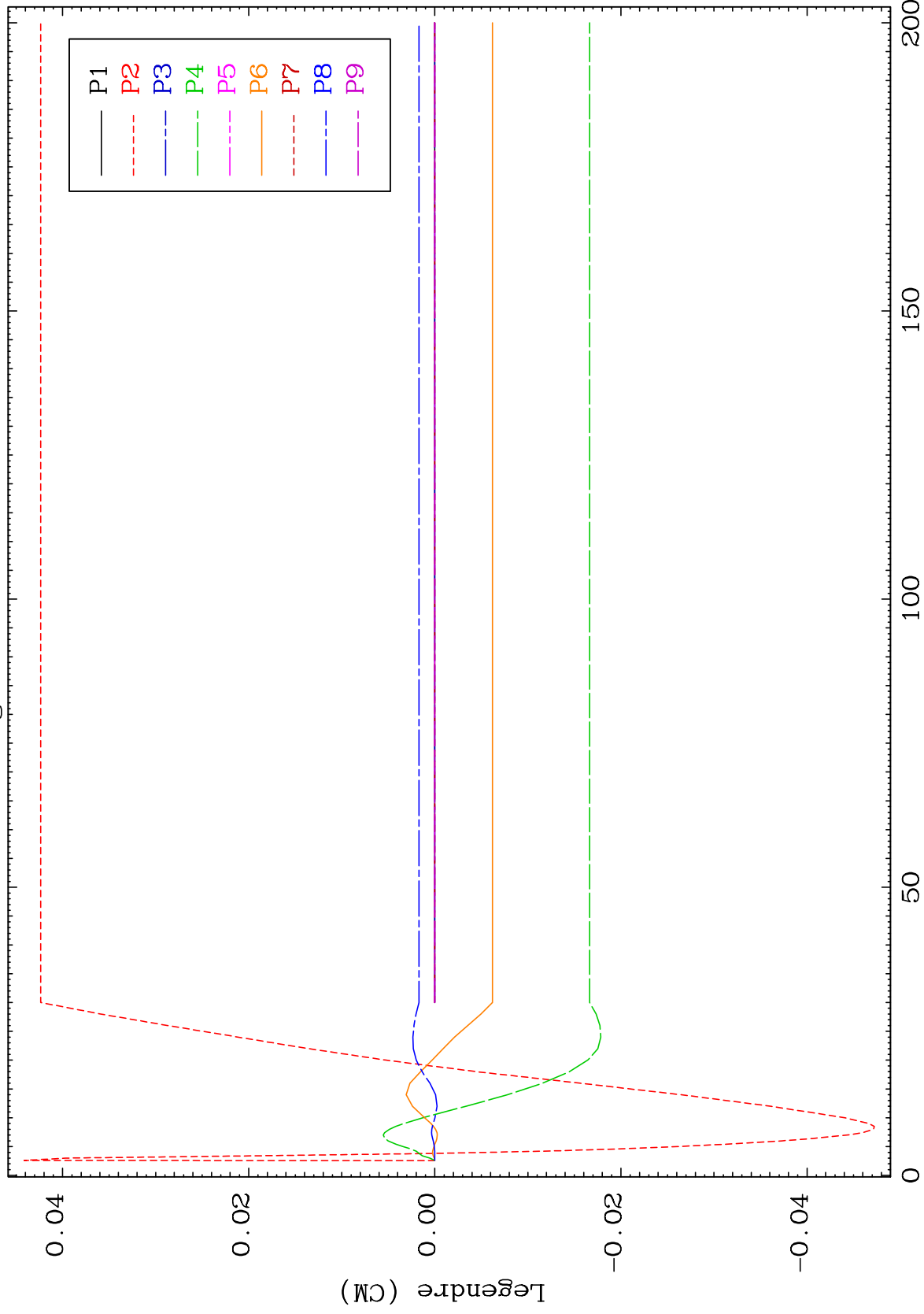
44-Ru-104



MAT 4449

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

44-Ru-104



44-Ru-104

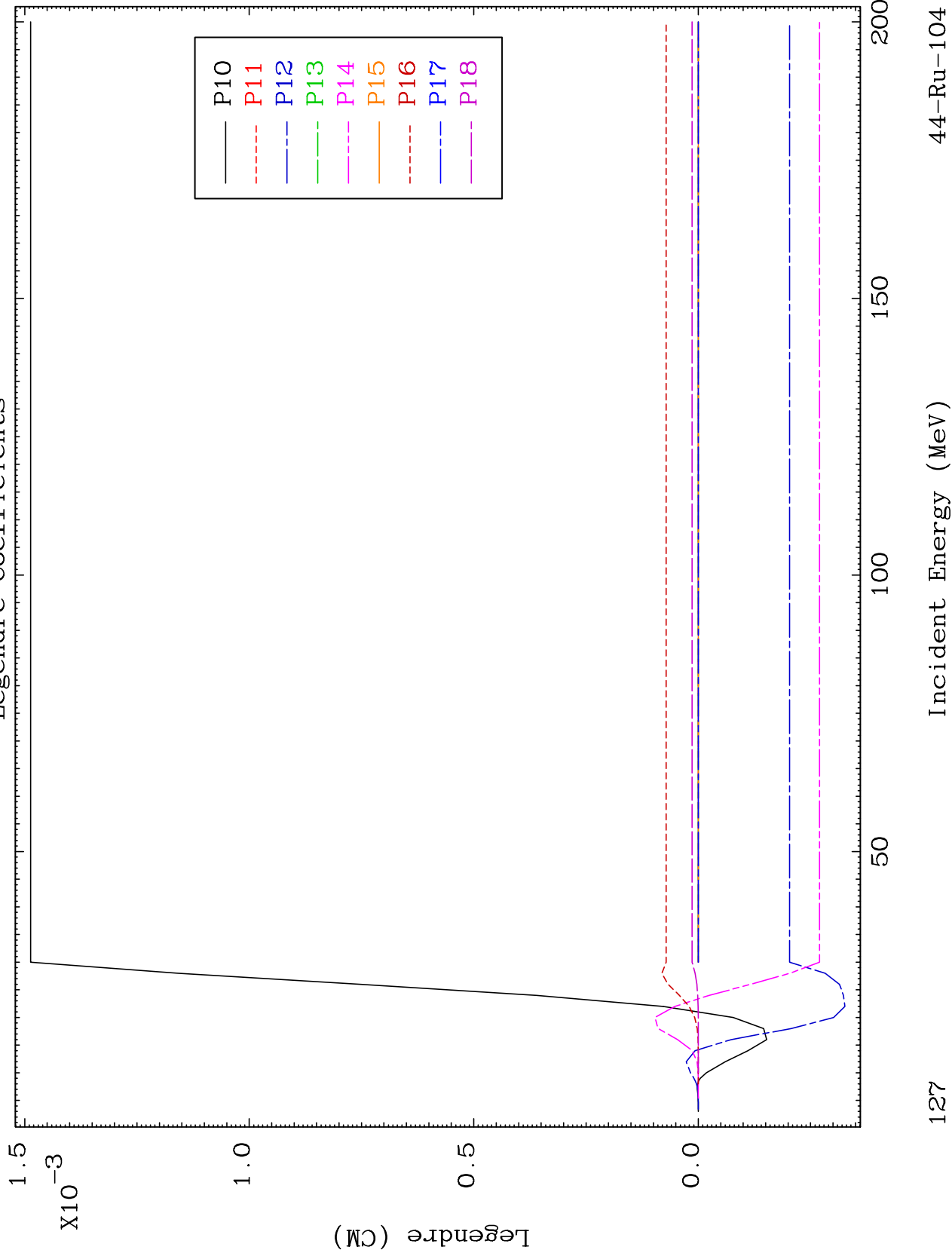
Incident Energy (MeV)

126

MAT 4449

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

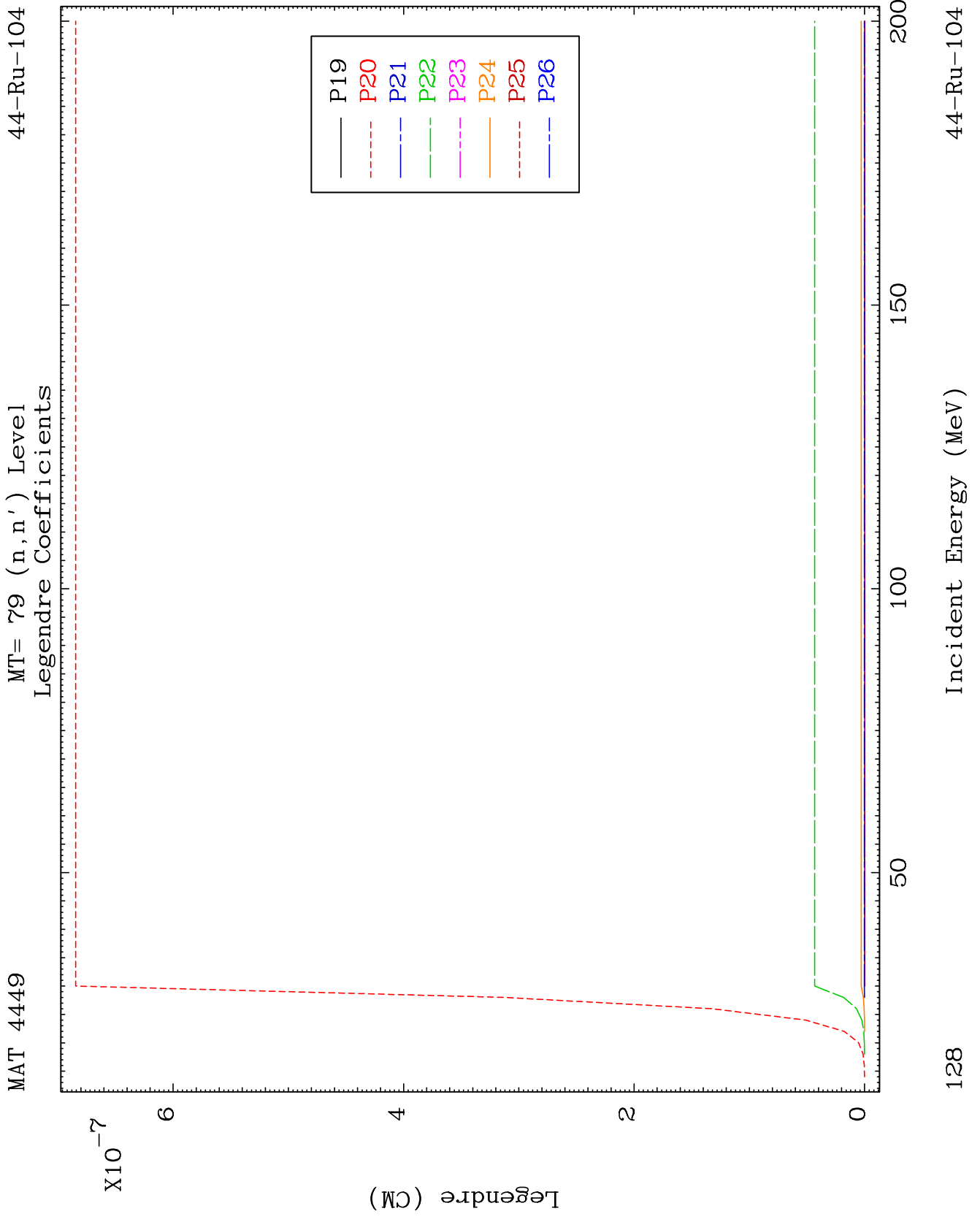
44-Ru-104



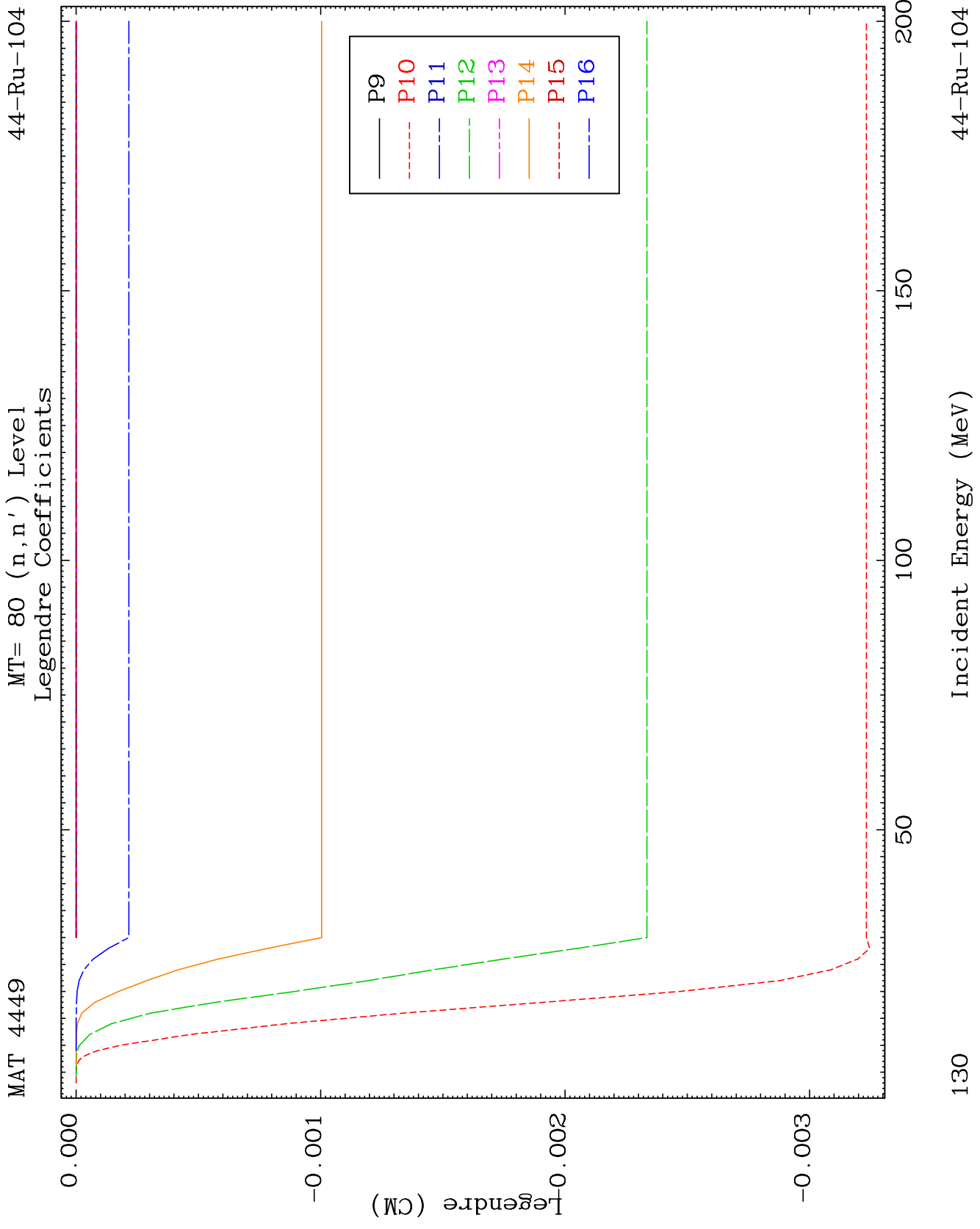
127

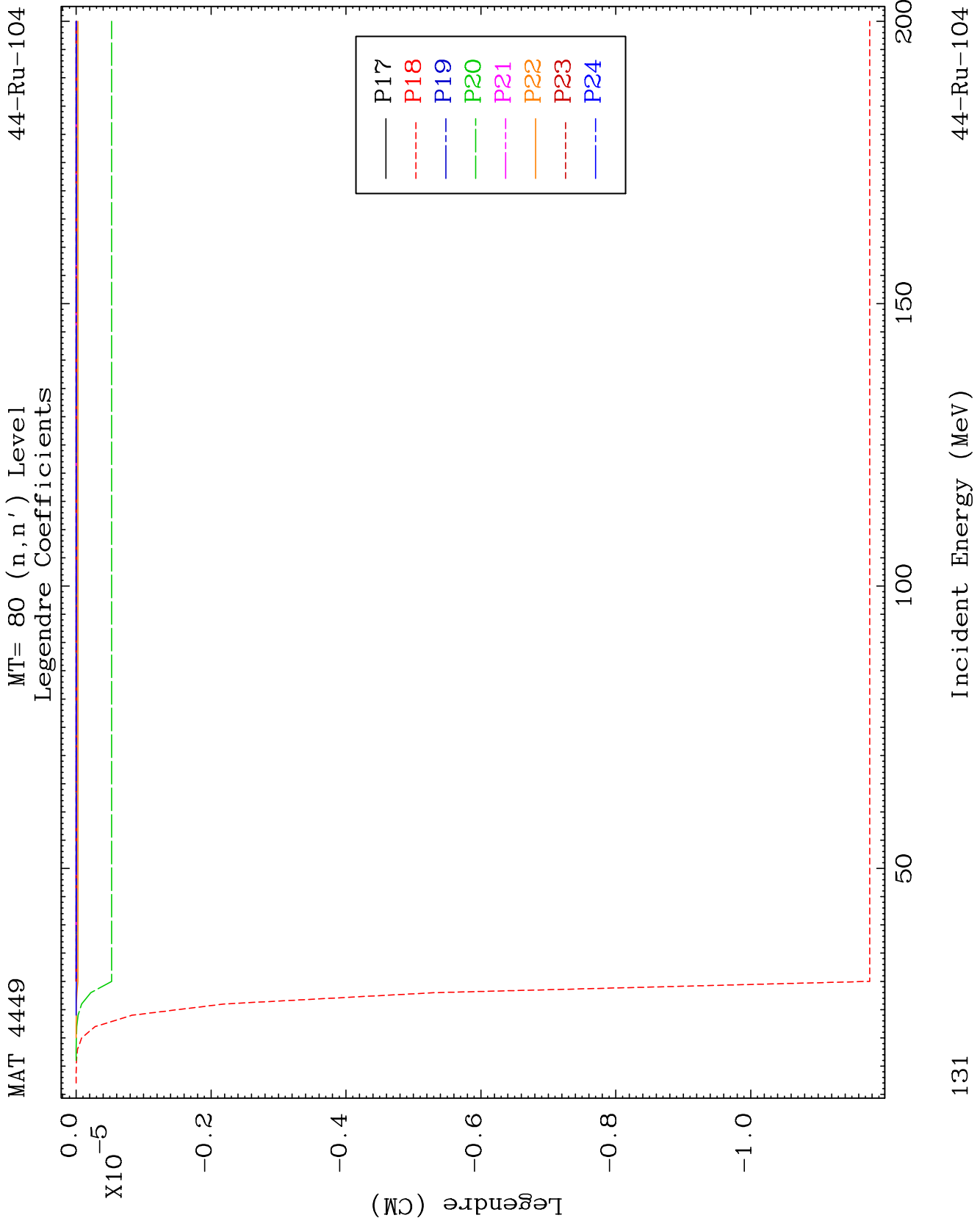
Incident Energy (MeV)

44-Ru-104





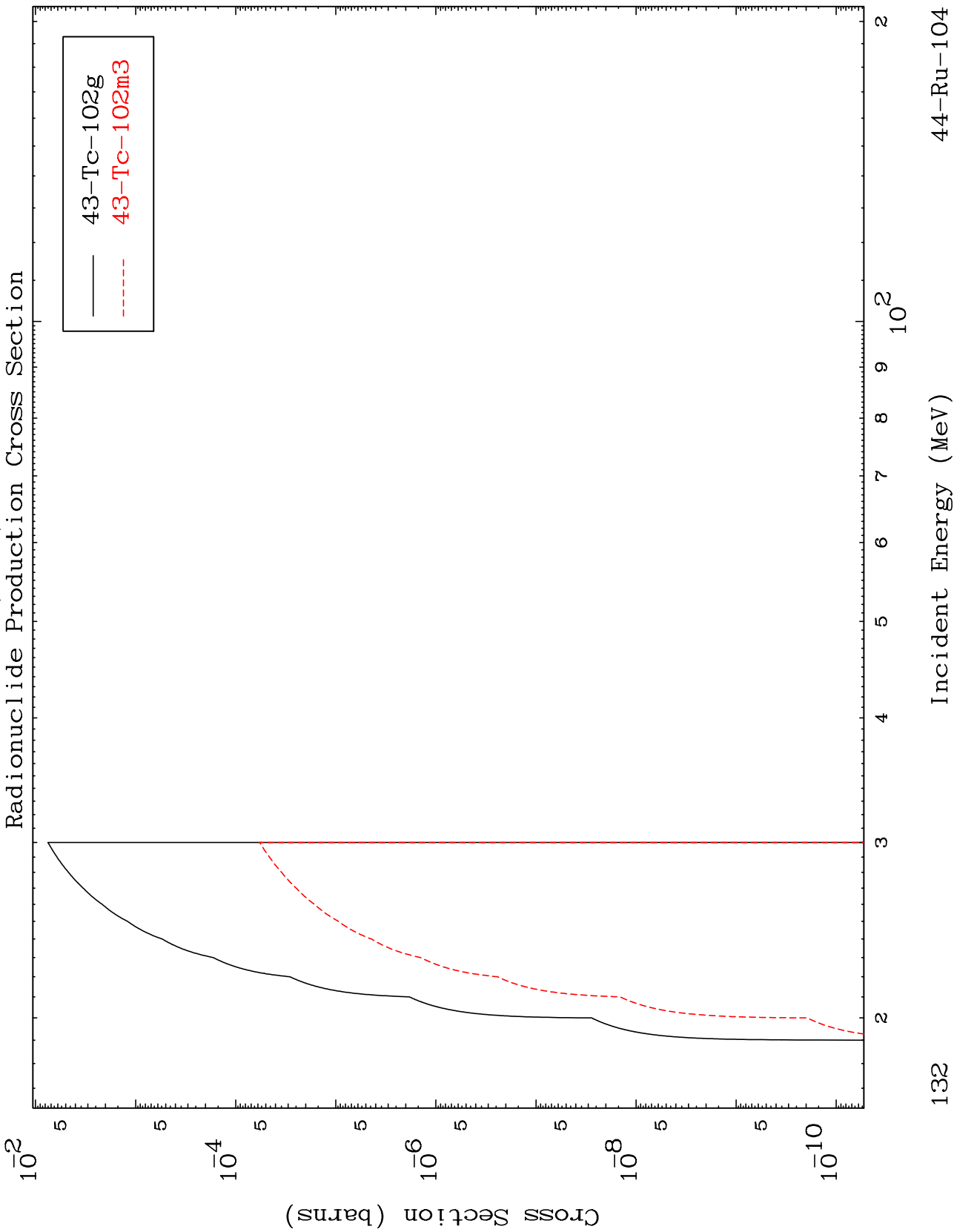




MAT 4449

(n,n') d

44-Ru-104



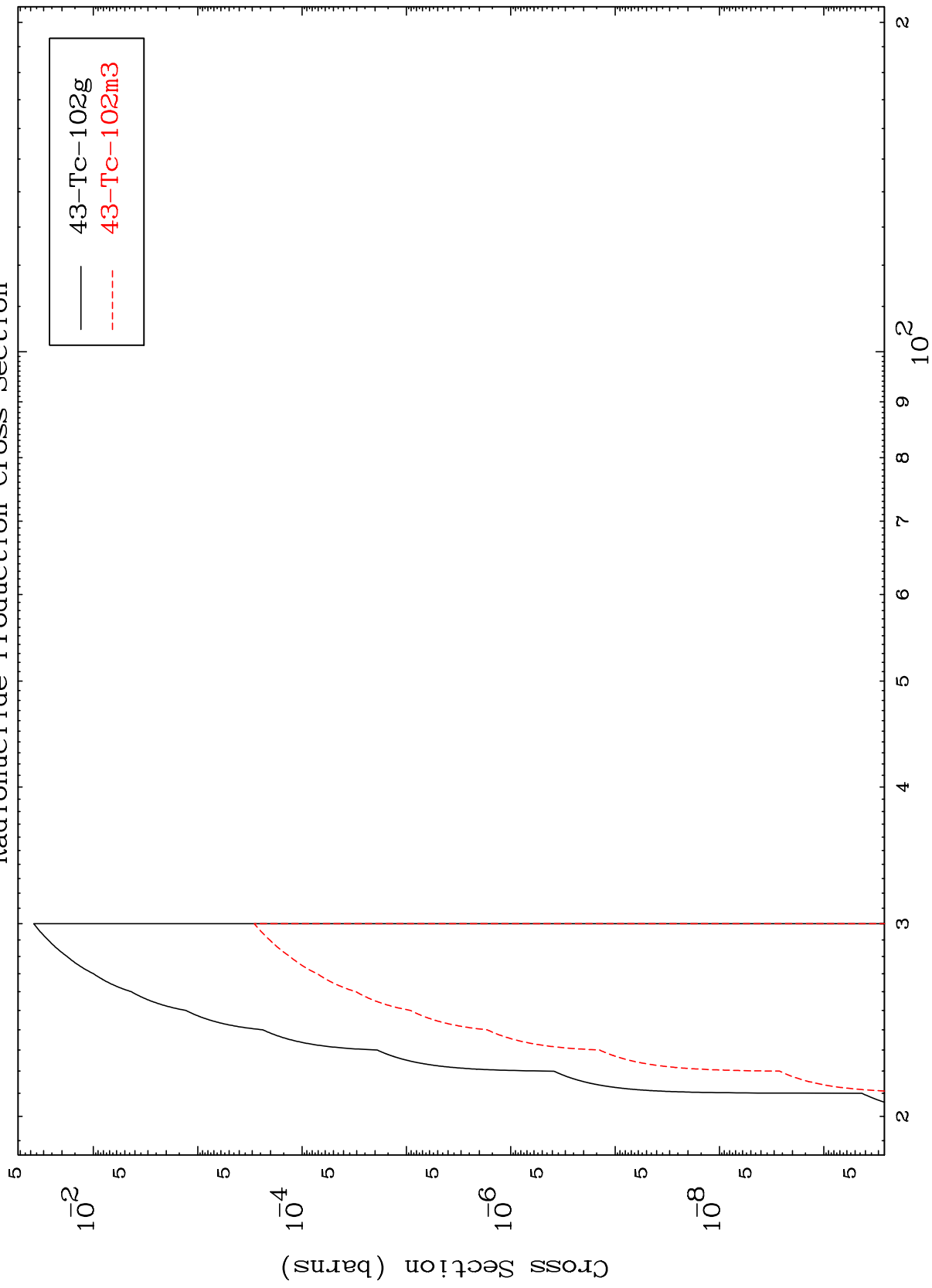
132

44-Ru-104

MAT 4449

44-Ru-104

(n,2n) p  
Radionuclide Production Cross Section



133

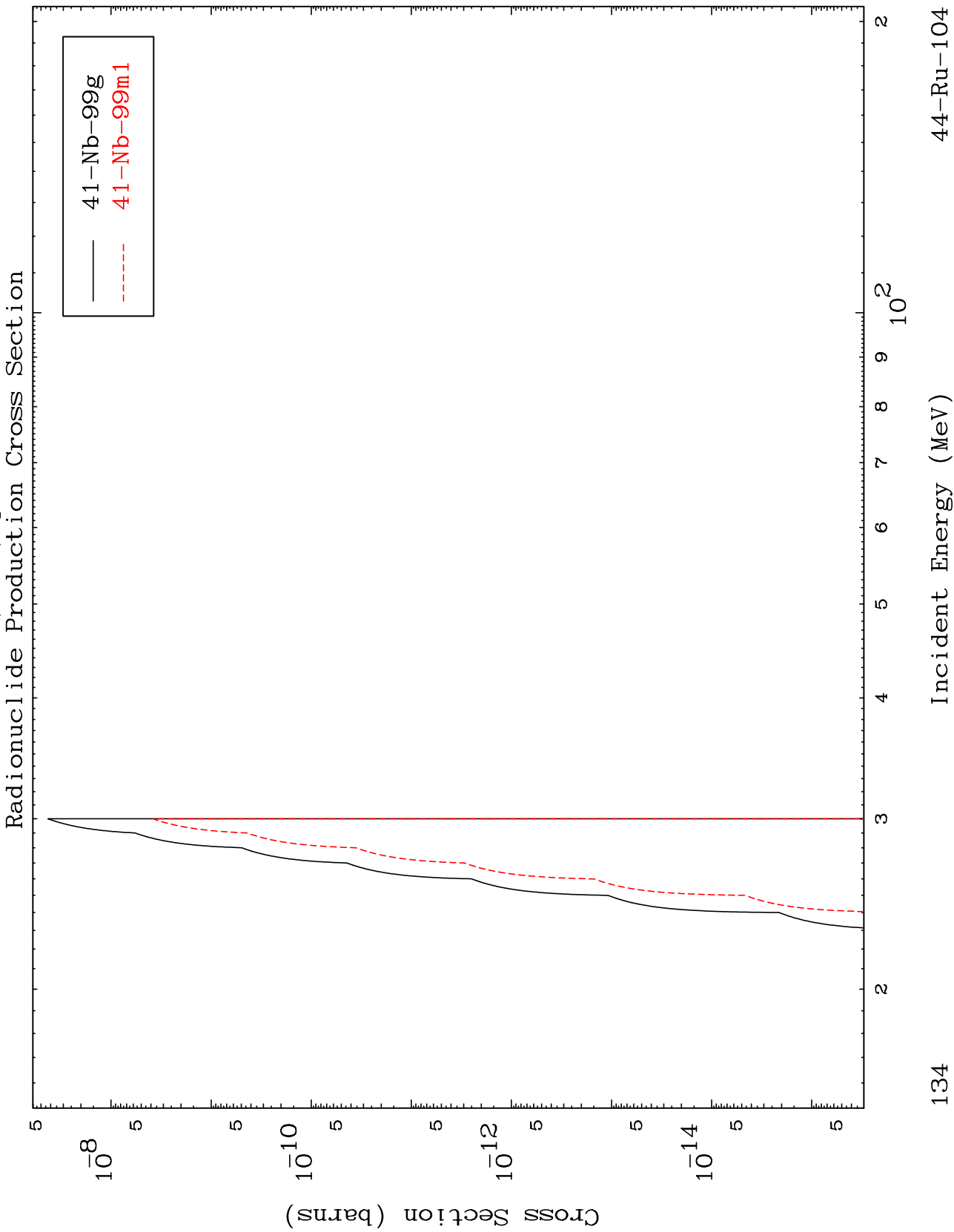
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,n') p  $\alpha$

44-Ru-104



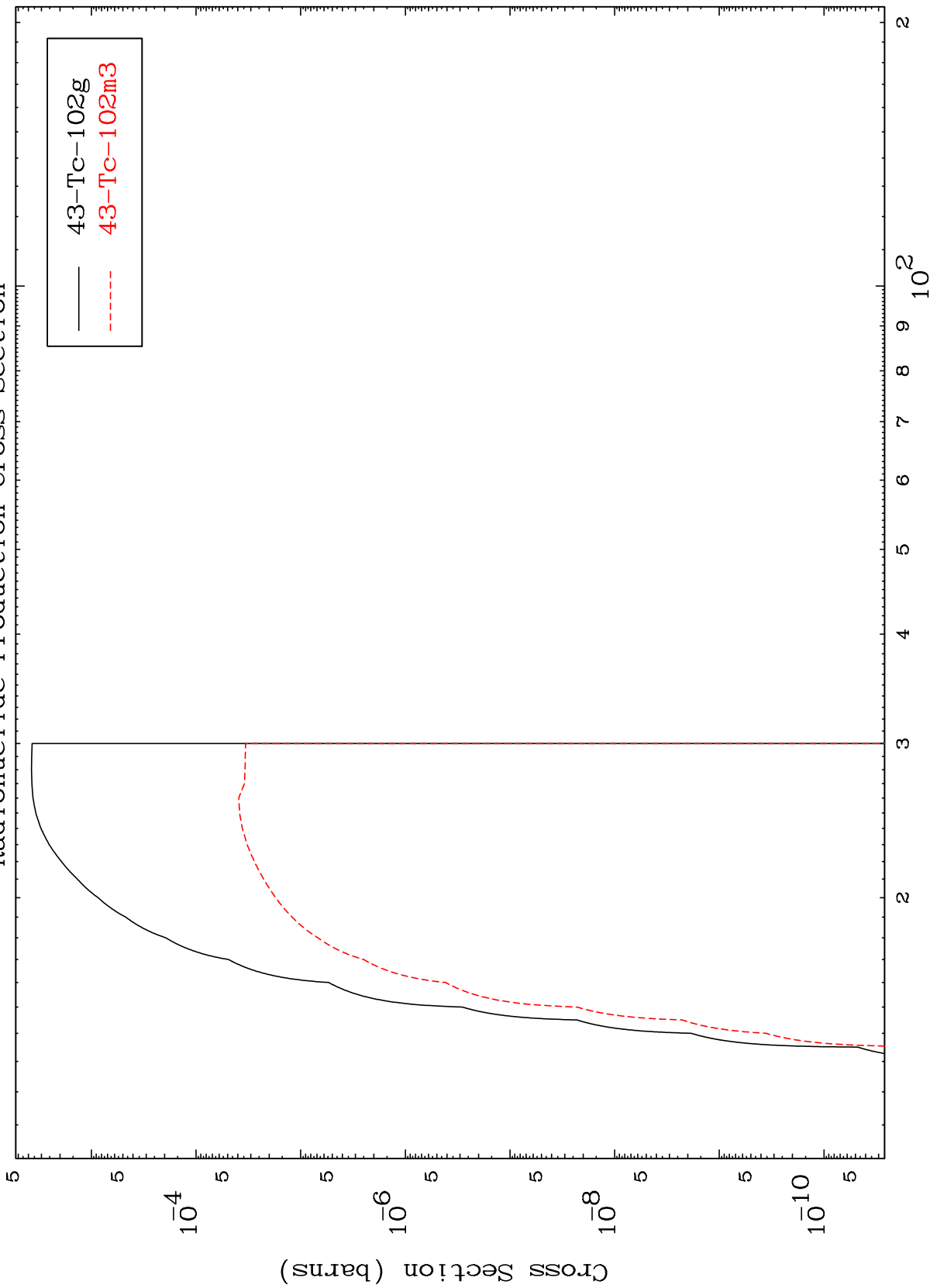
134

44-Ru-104

MAT 4449

44-Ru-104

(n, t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

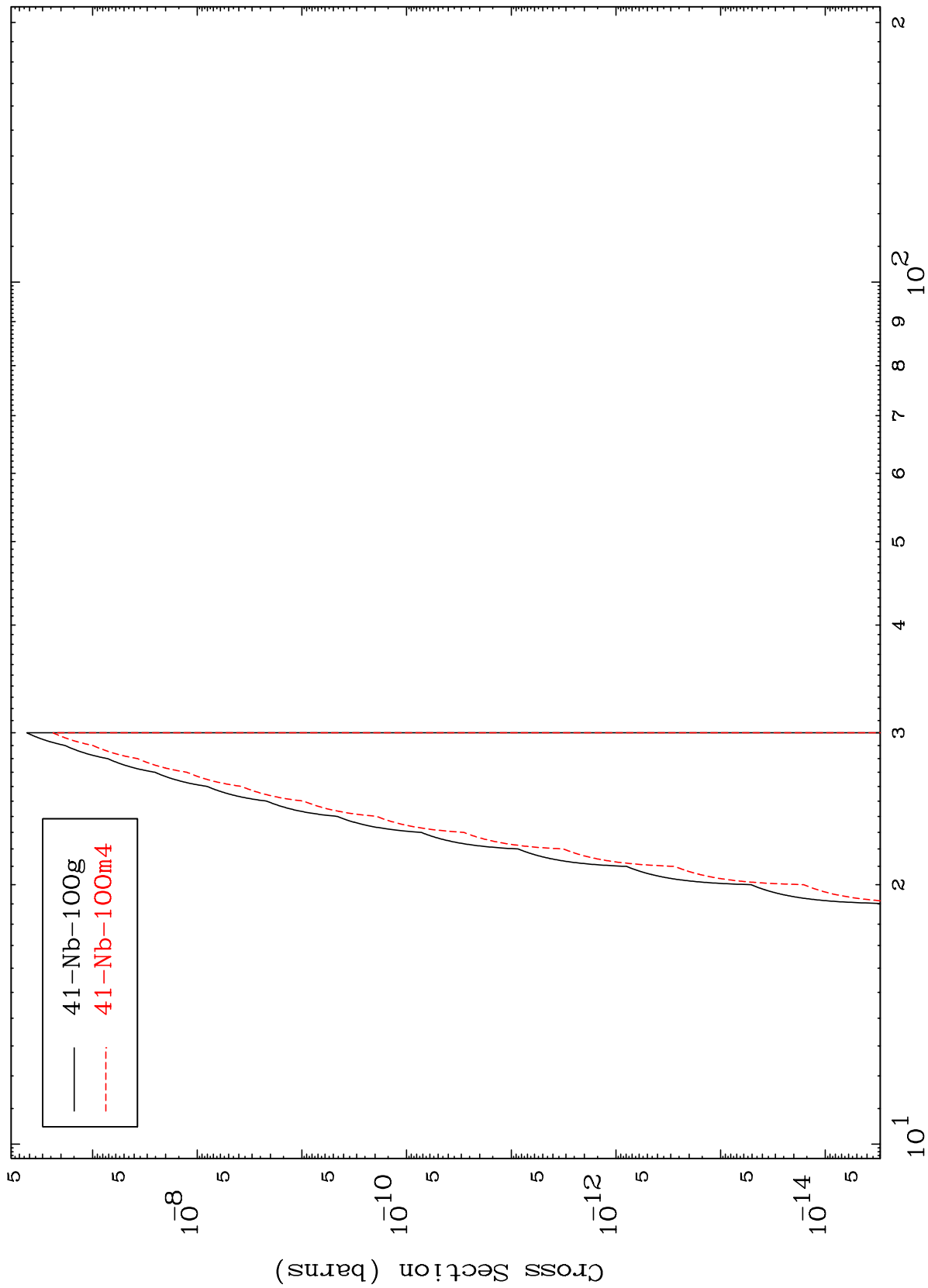
44-Ru-104

MAT 4449

(n,p)  $\alpha$

44-Ru-104

Radionuclide Production Cross Section



136

Incident Energy (MeV)

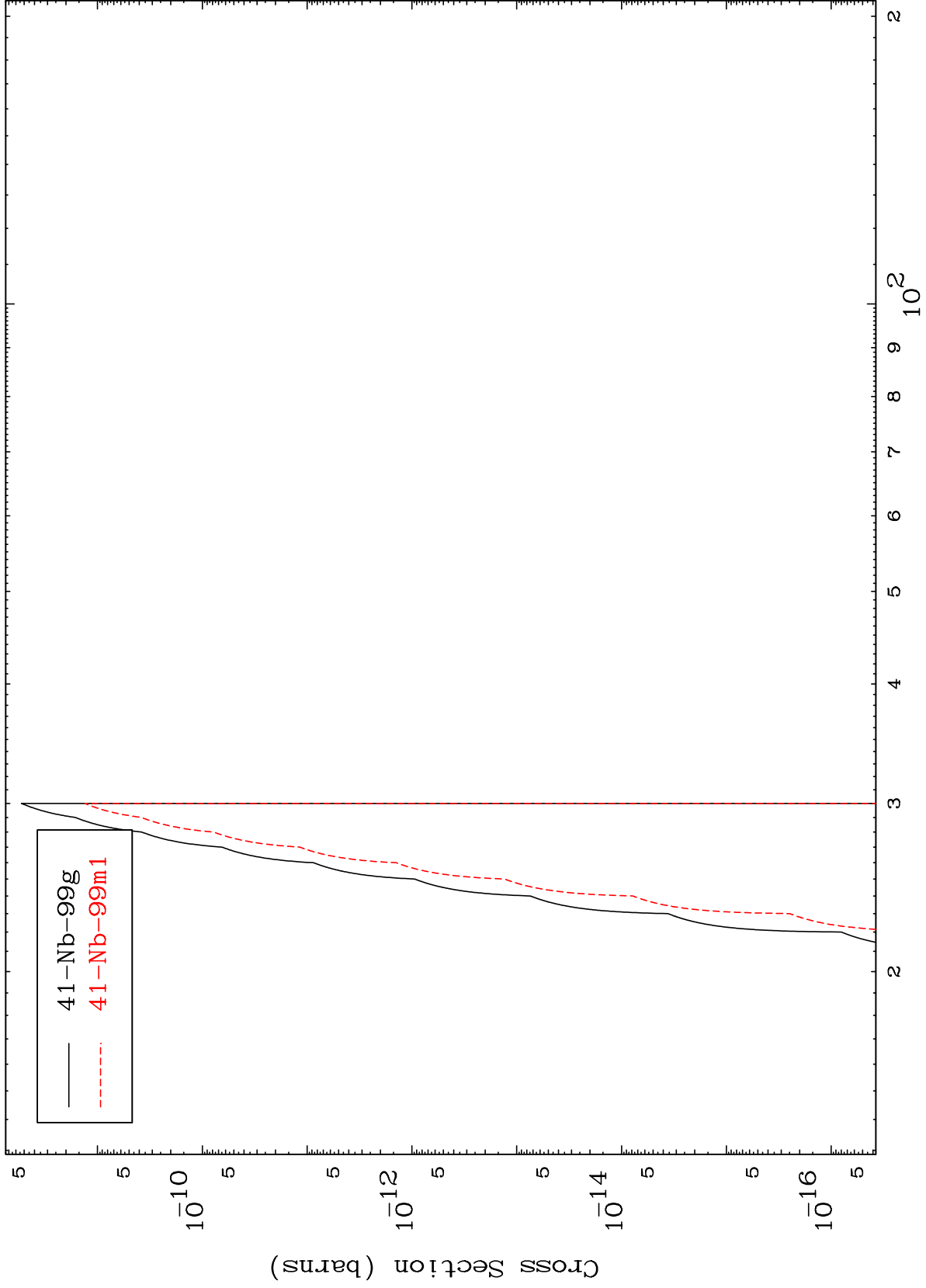
44-Ru-104

MAT 4449

(n,d)  $\alpha$

44-Ru-104

Radionuclide Production Cross Section



137

Incident Energy (MeV)

44-Ru-104