

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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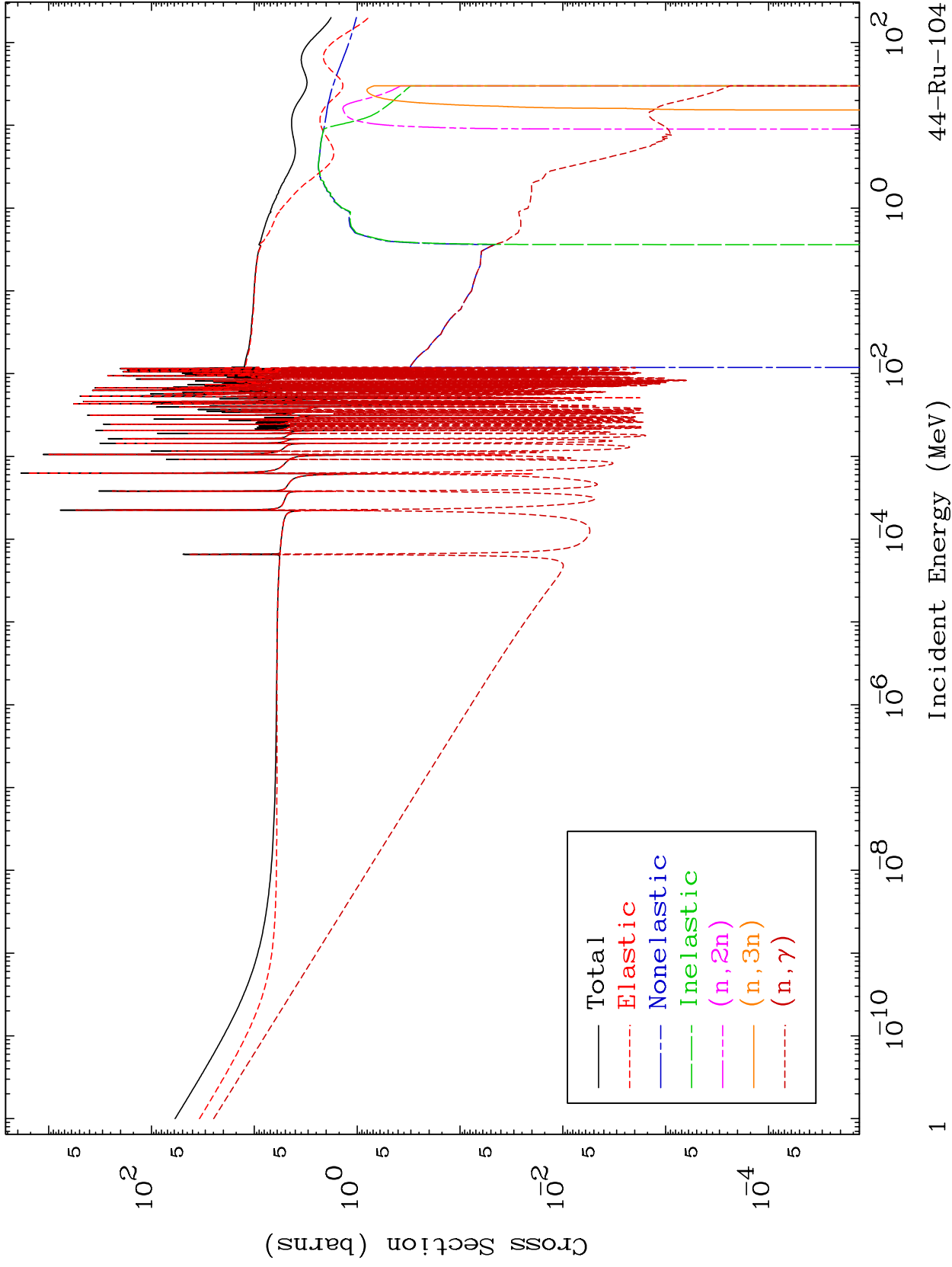
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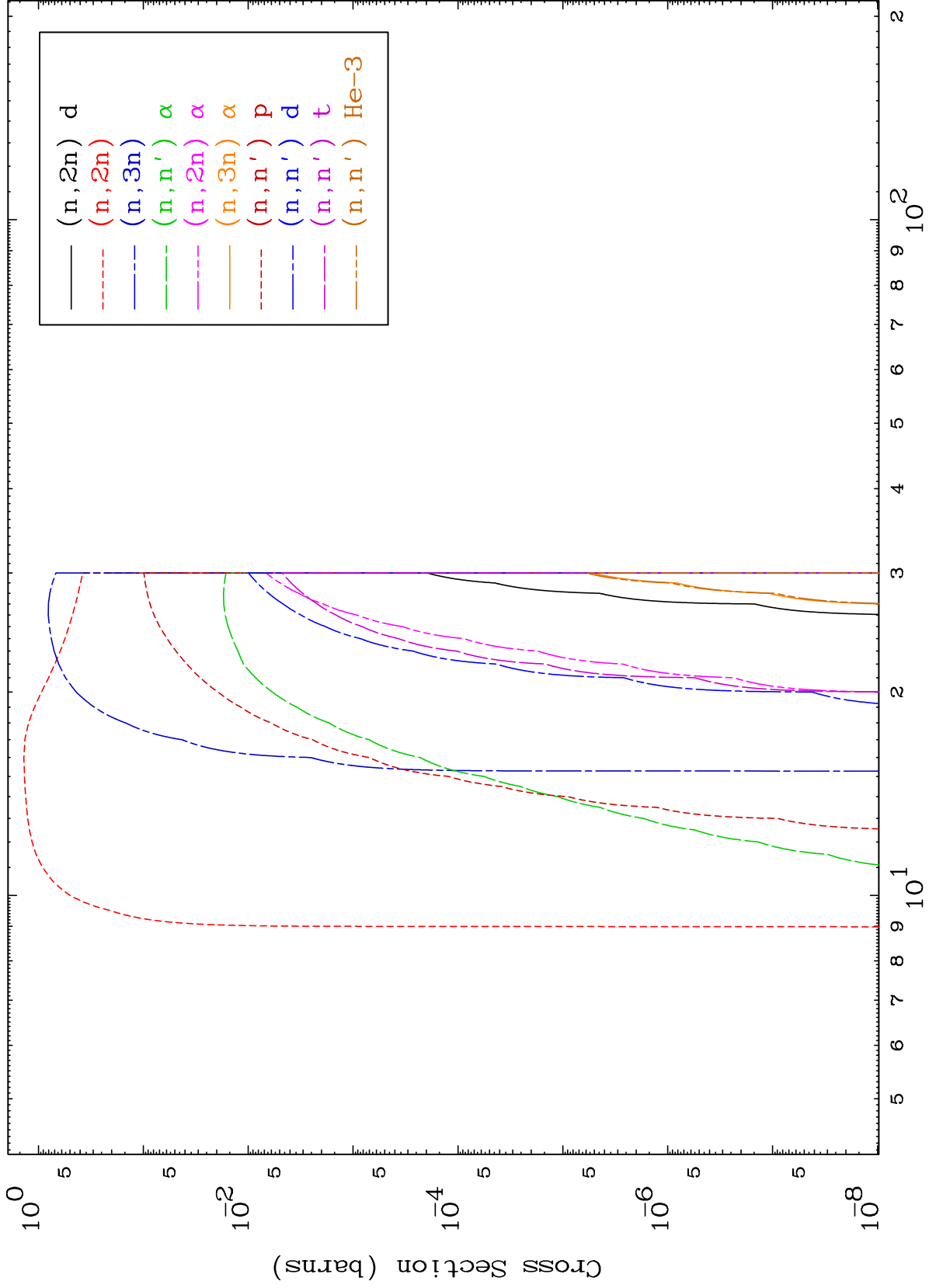
Press Mouse Button to Start

MAT 4449

Neutron Major  
293 Kelvin Cross Sections

44-Ru-104

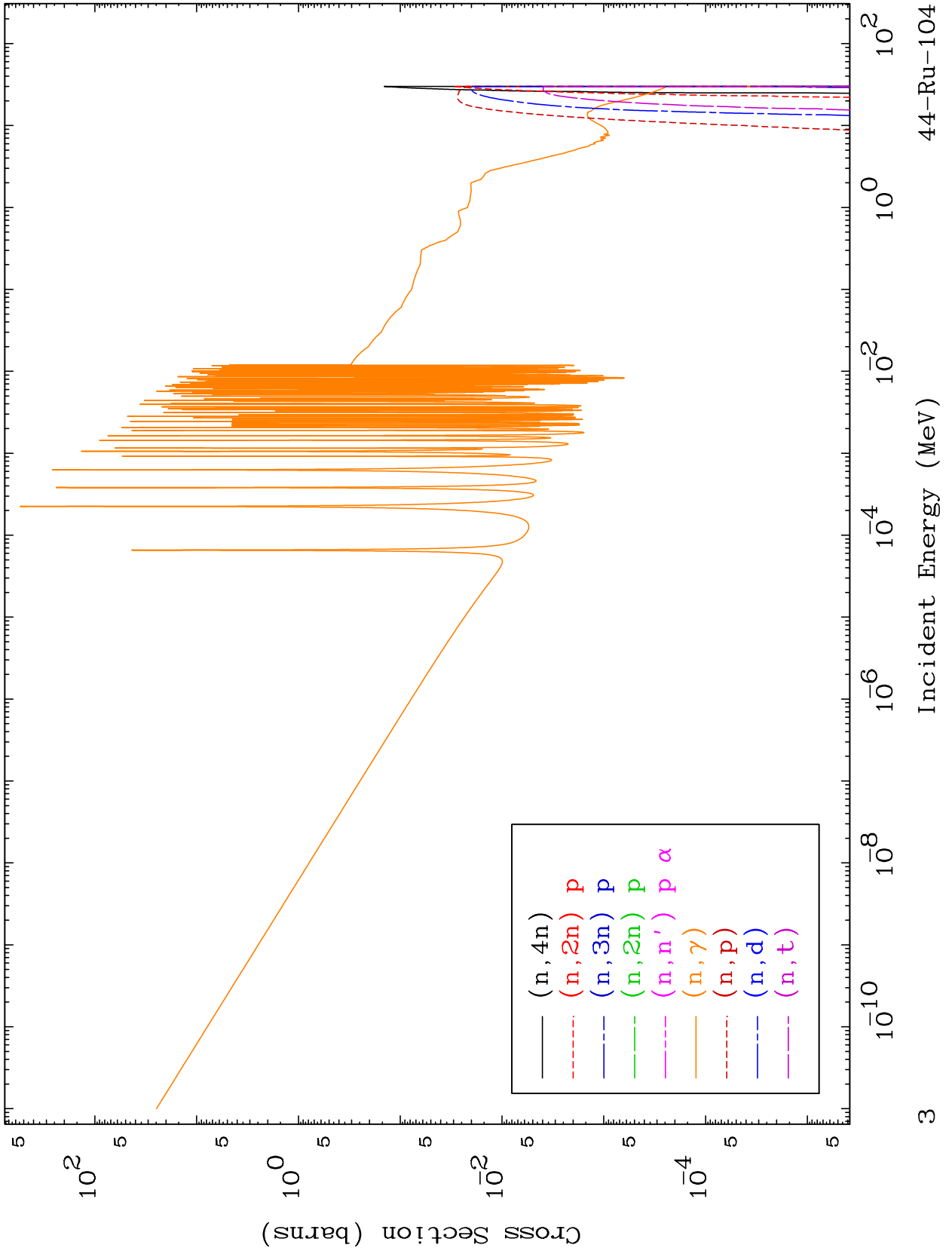


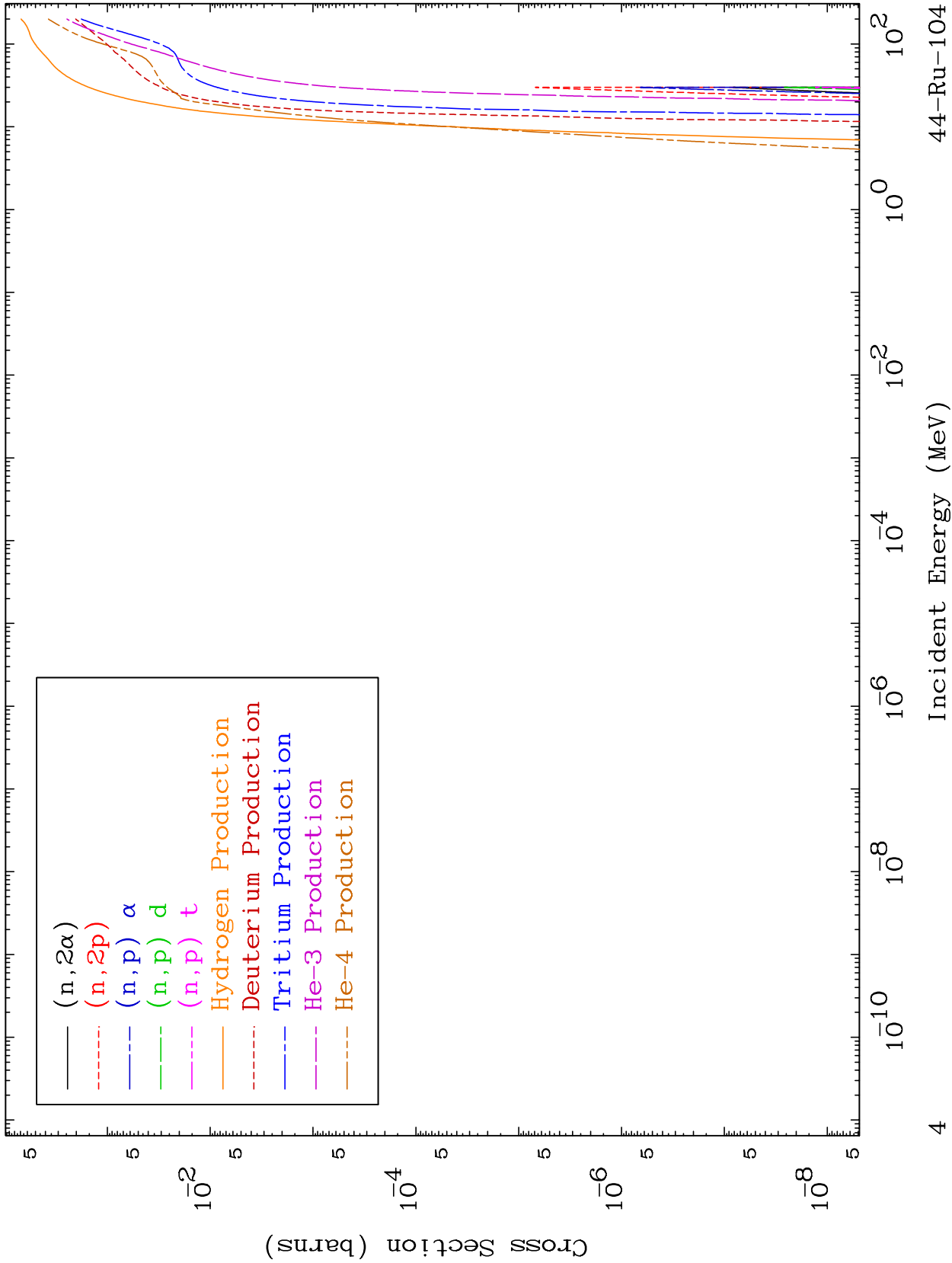


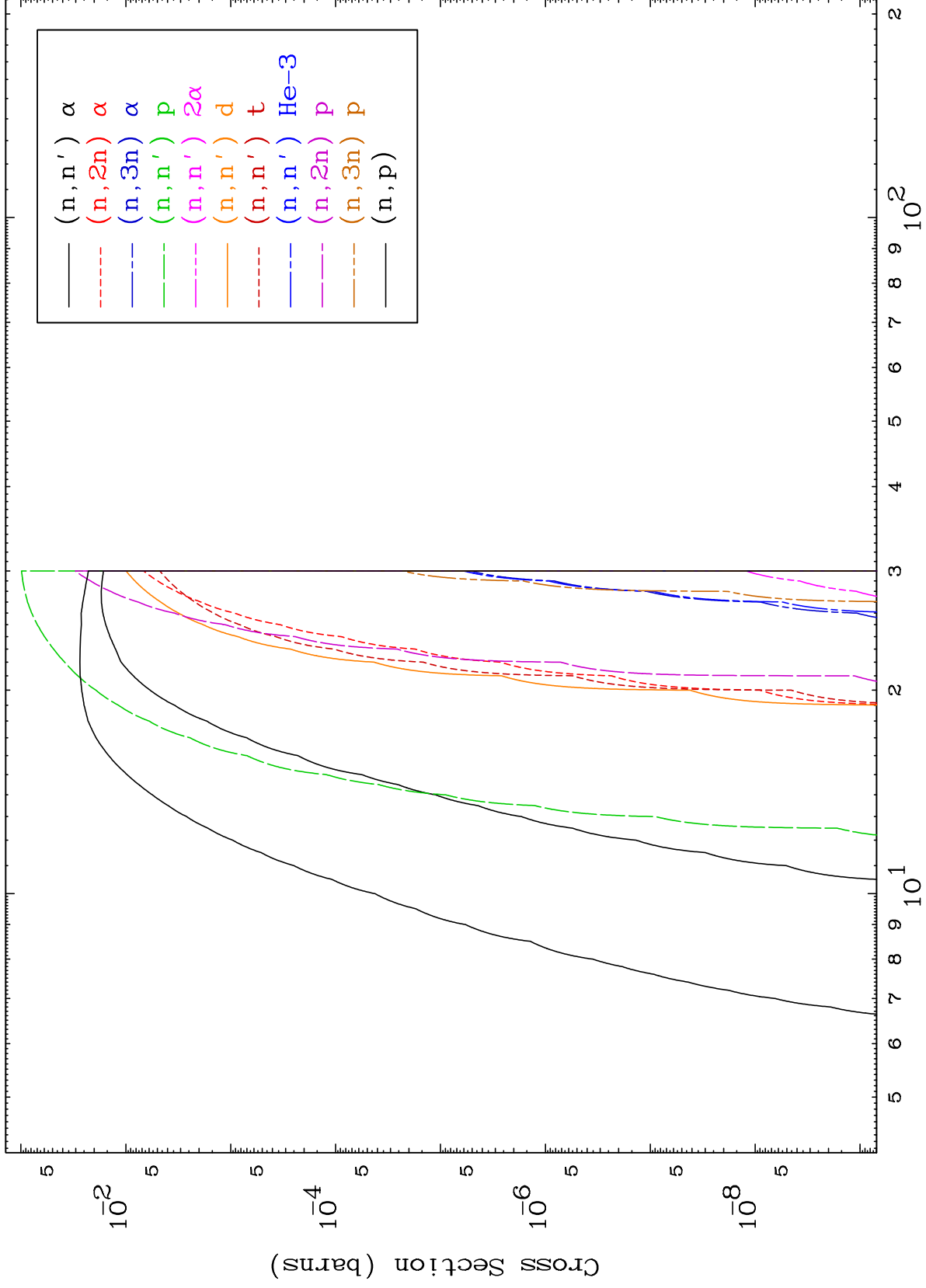
MAT 4449

Neutron Absorption  
293 Kelvin Cross Sections

44-Ru-104



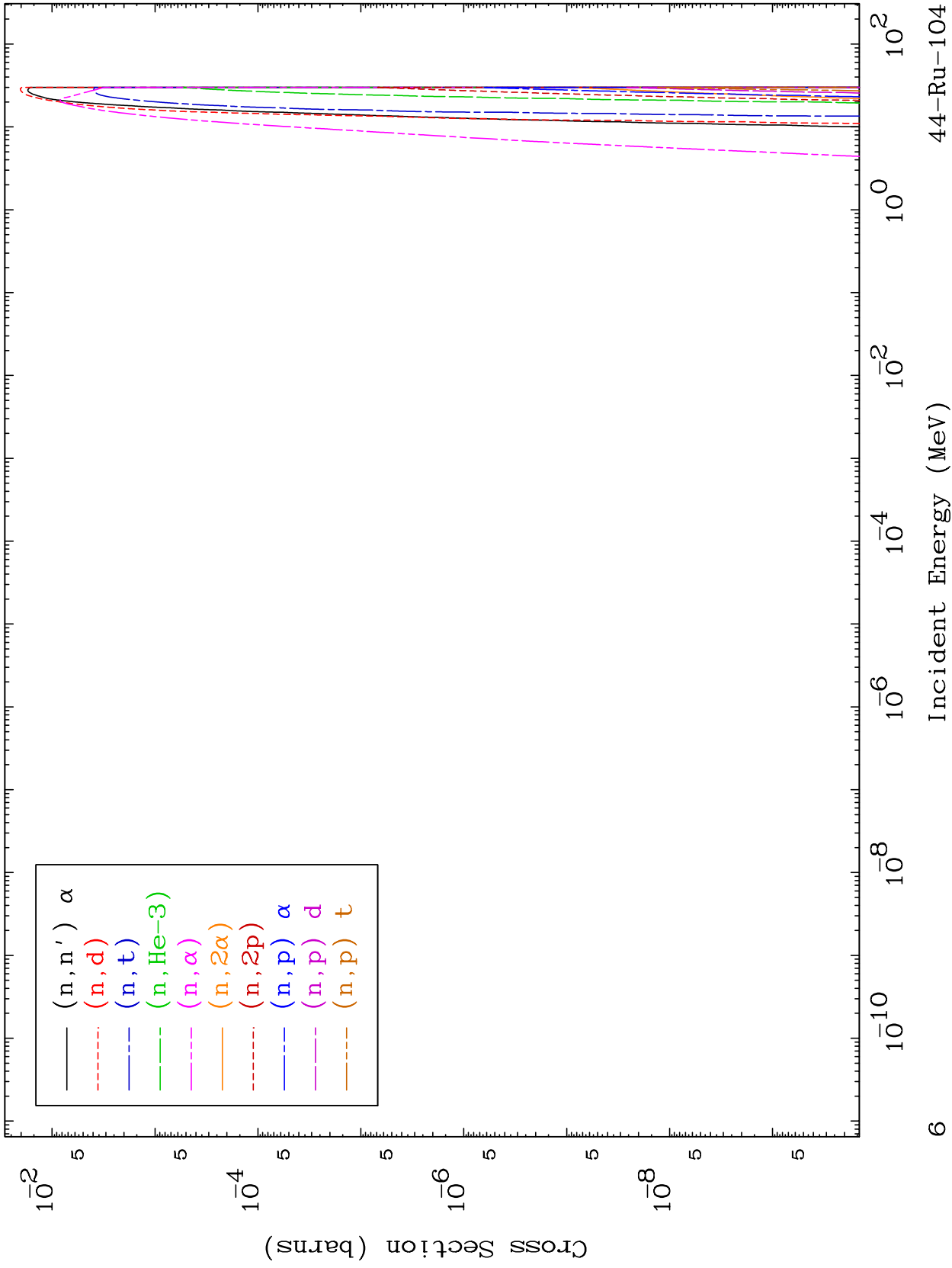


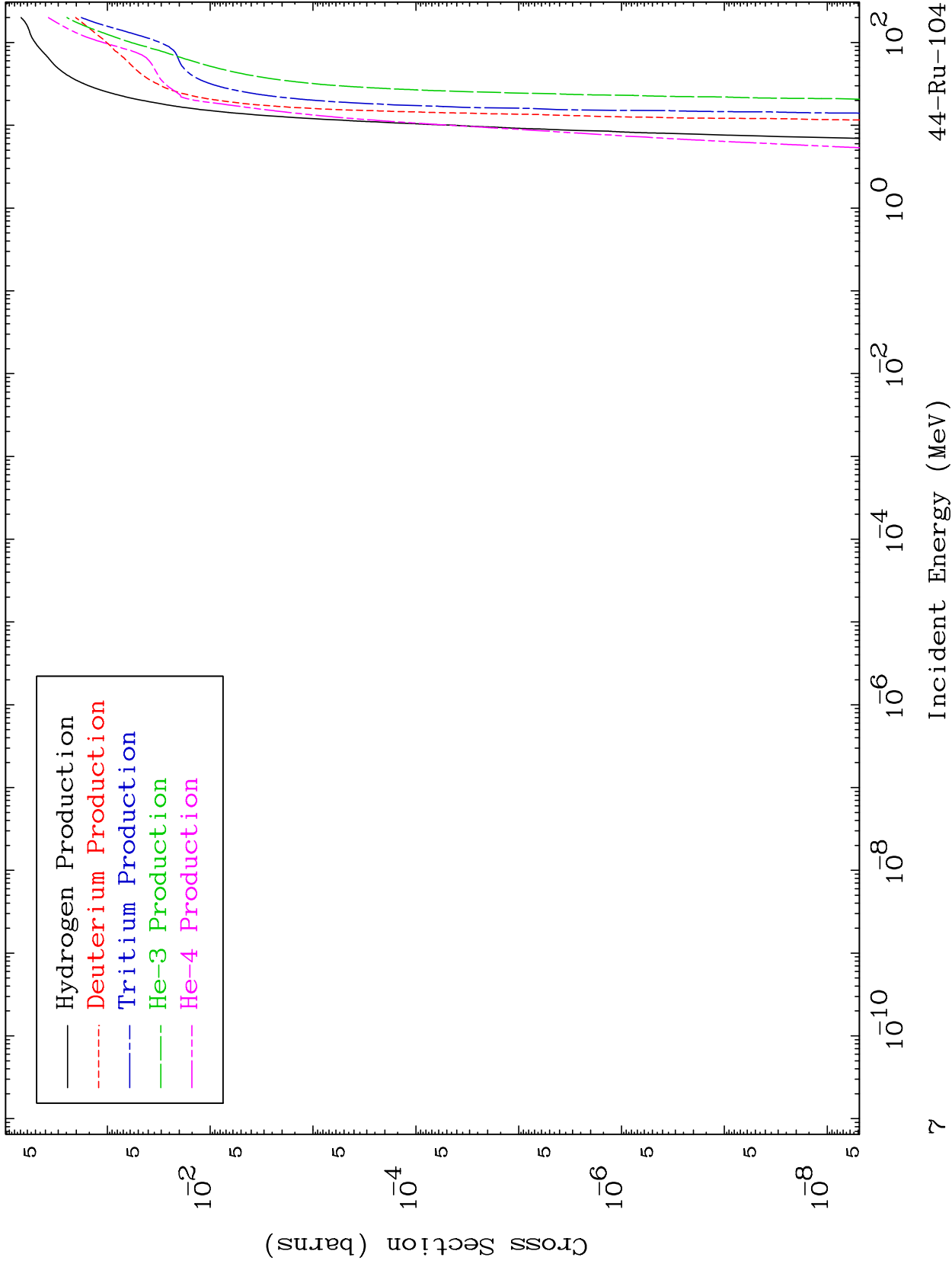


MAT 4449

Charged Particle  
293 Kelvin Cross Sections

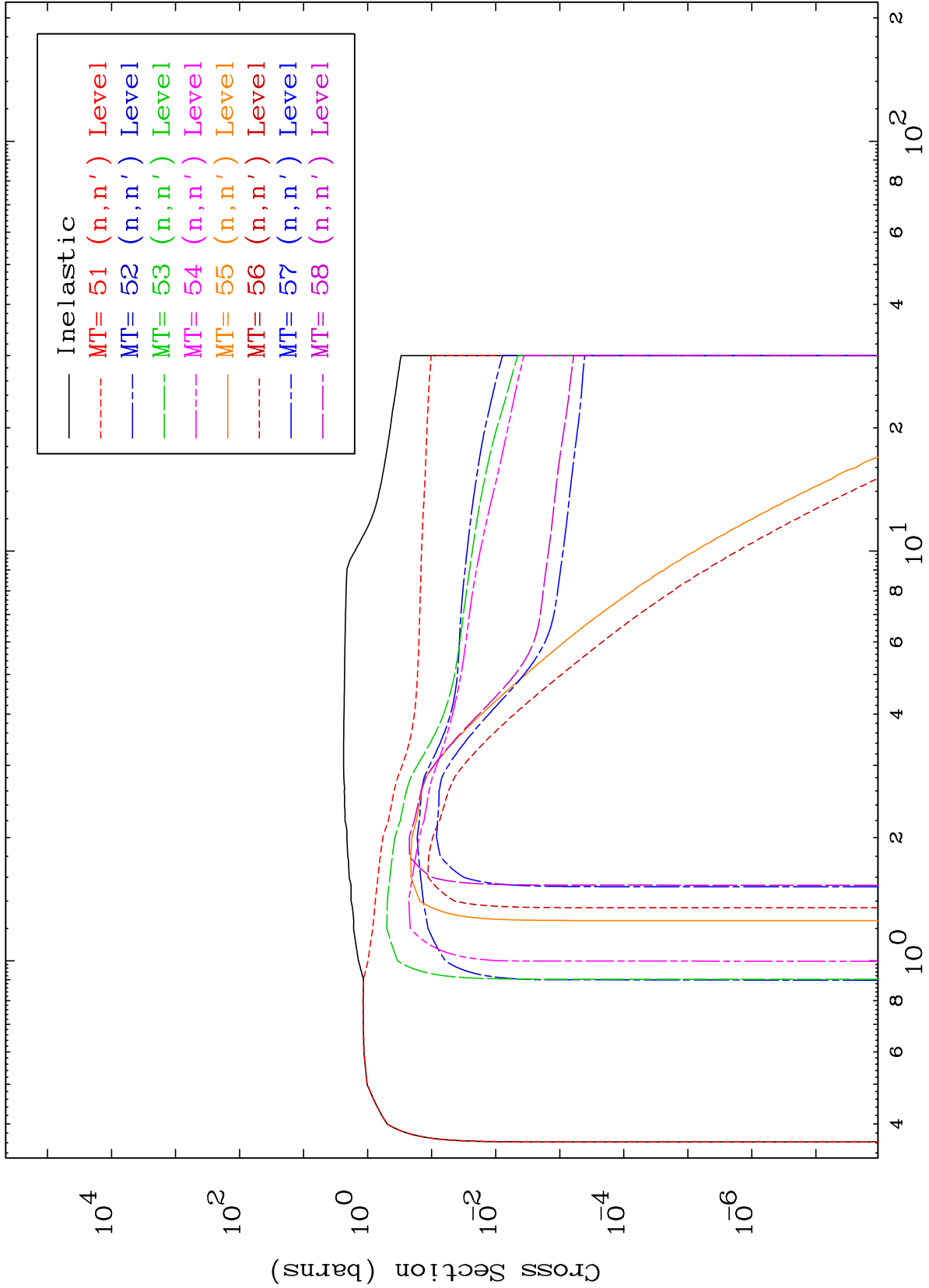
44-Ru-104







293 Kelvin Cross Sections

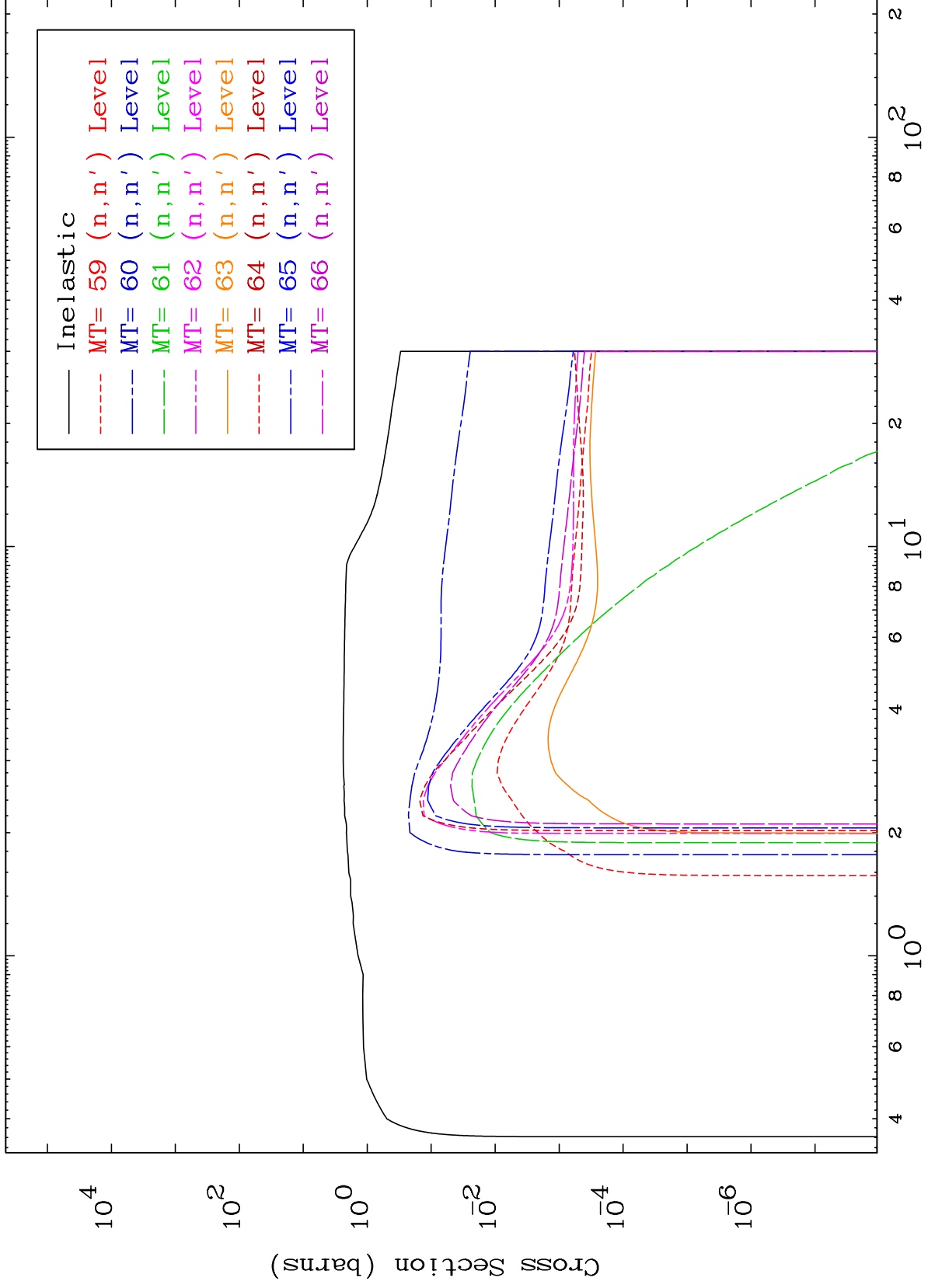


MAT 4449

(n,n') Levels

44-Ru-104

293 Kelvin Cross Sections

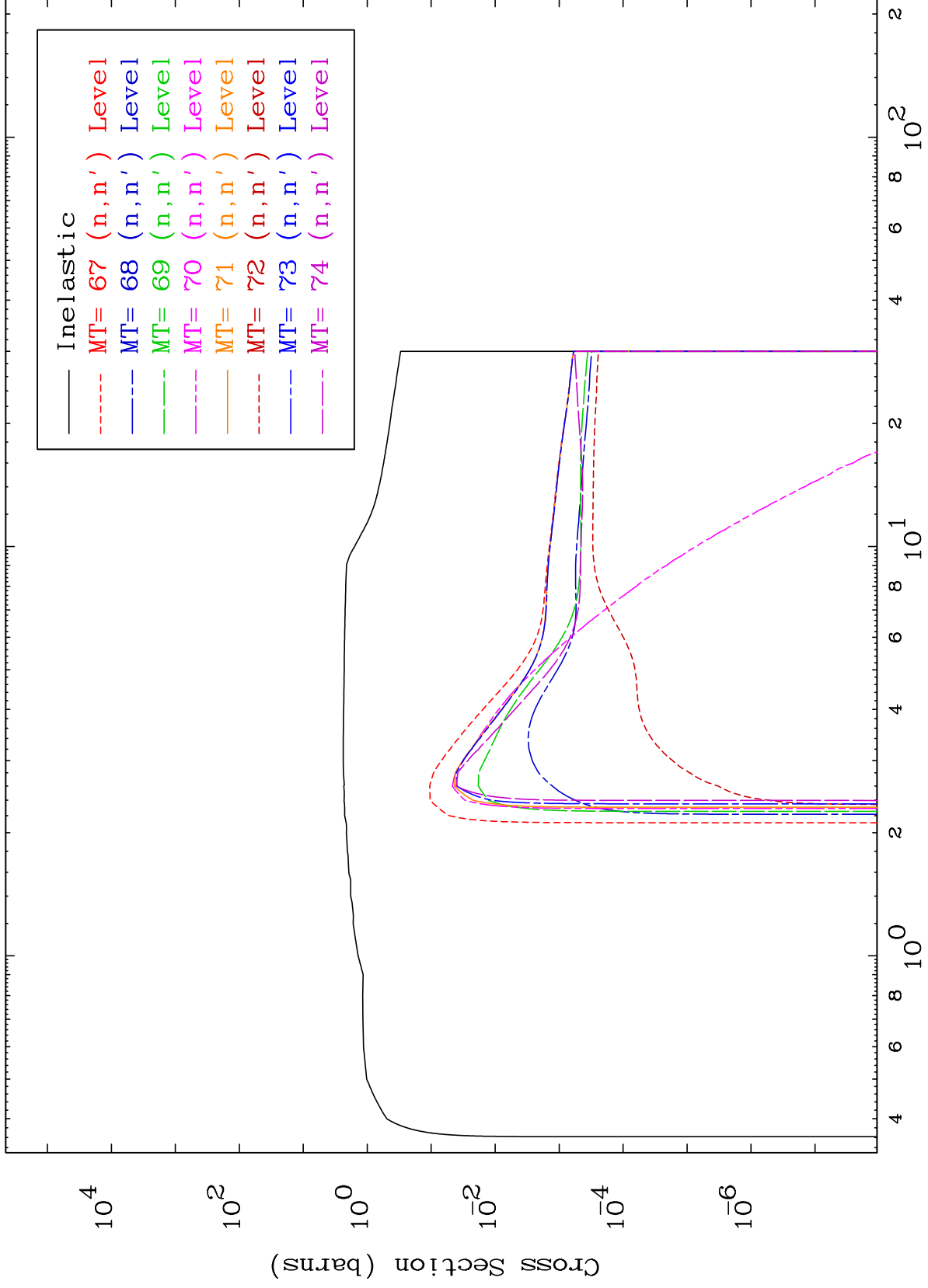


MAT 4449

(n,n') Levels

44-Ru-104

293 Kelvin Cross Sections



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Incident Energy (MeV)

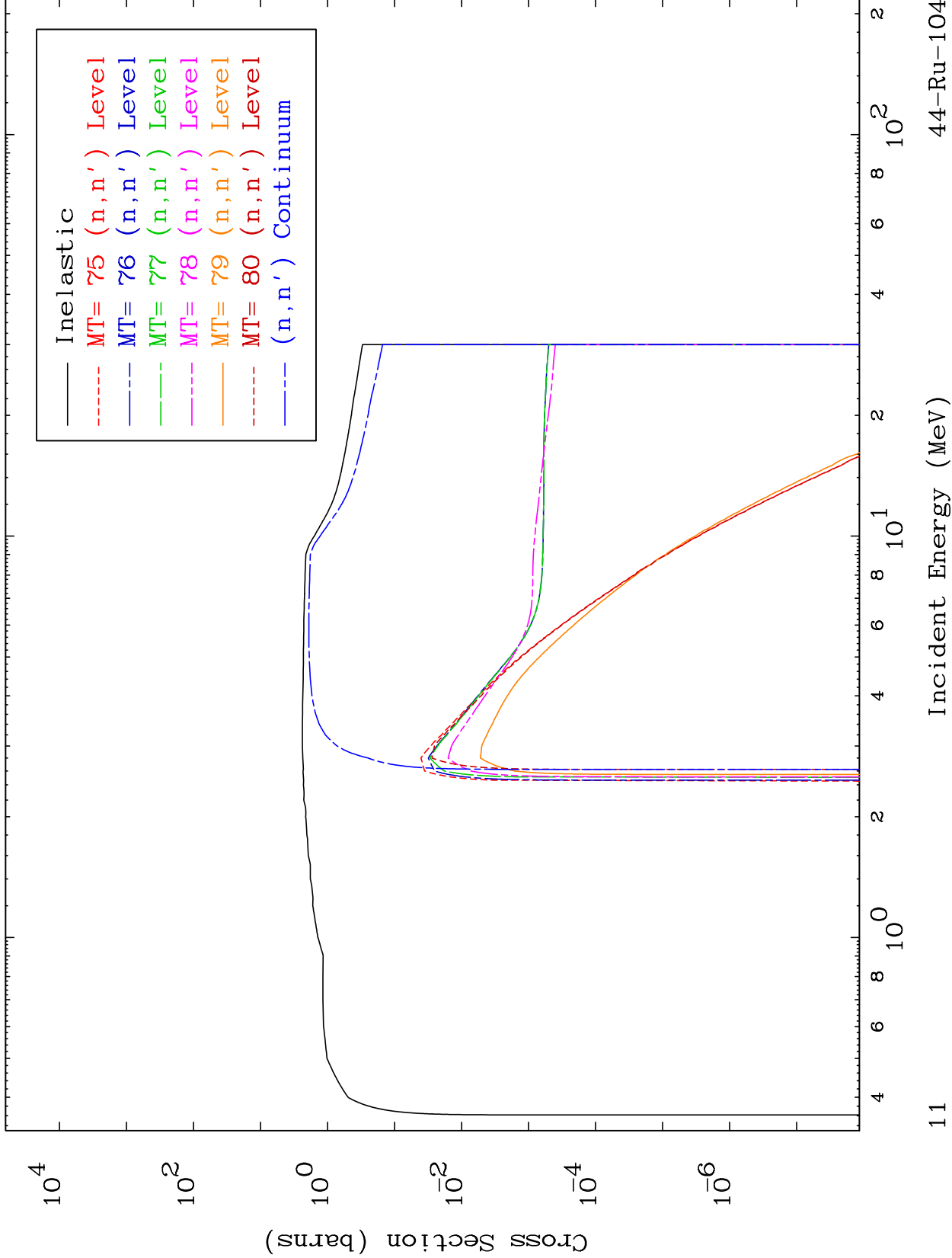
44-Ru-104

MAT 4449

(n,n') Levels

44-Ru-104

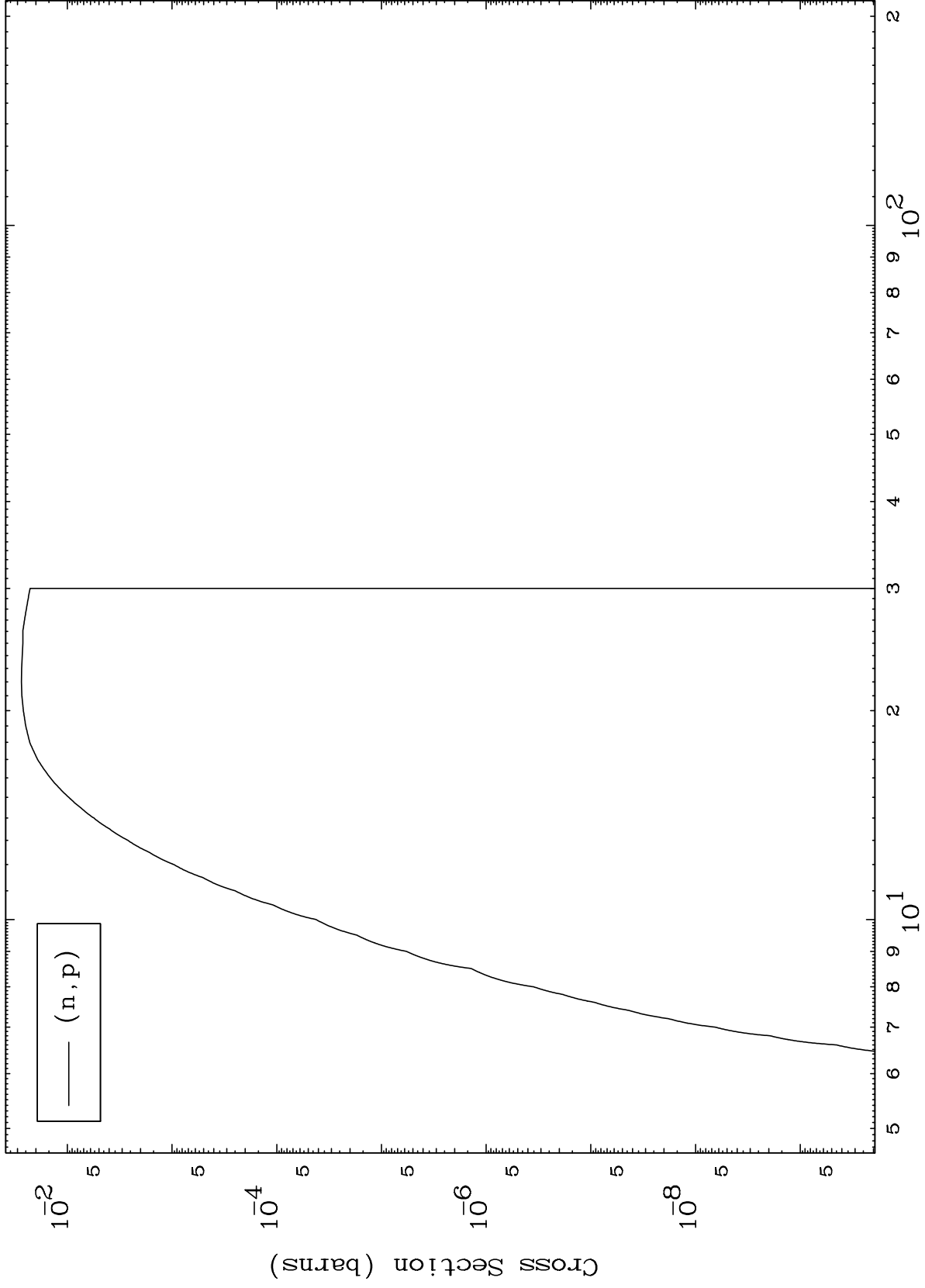
293 Kelvin Cross Sections



MAT 4449

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-104



12

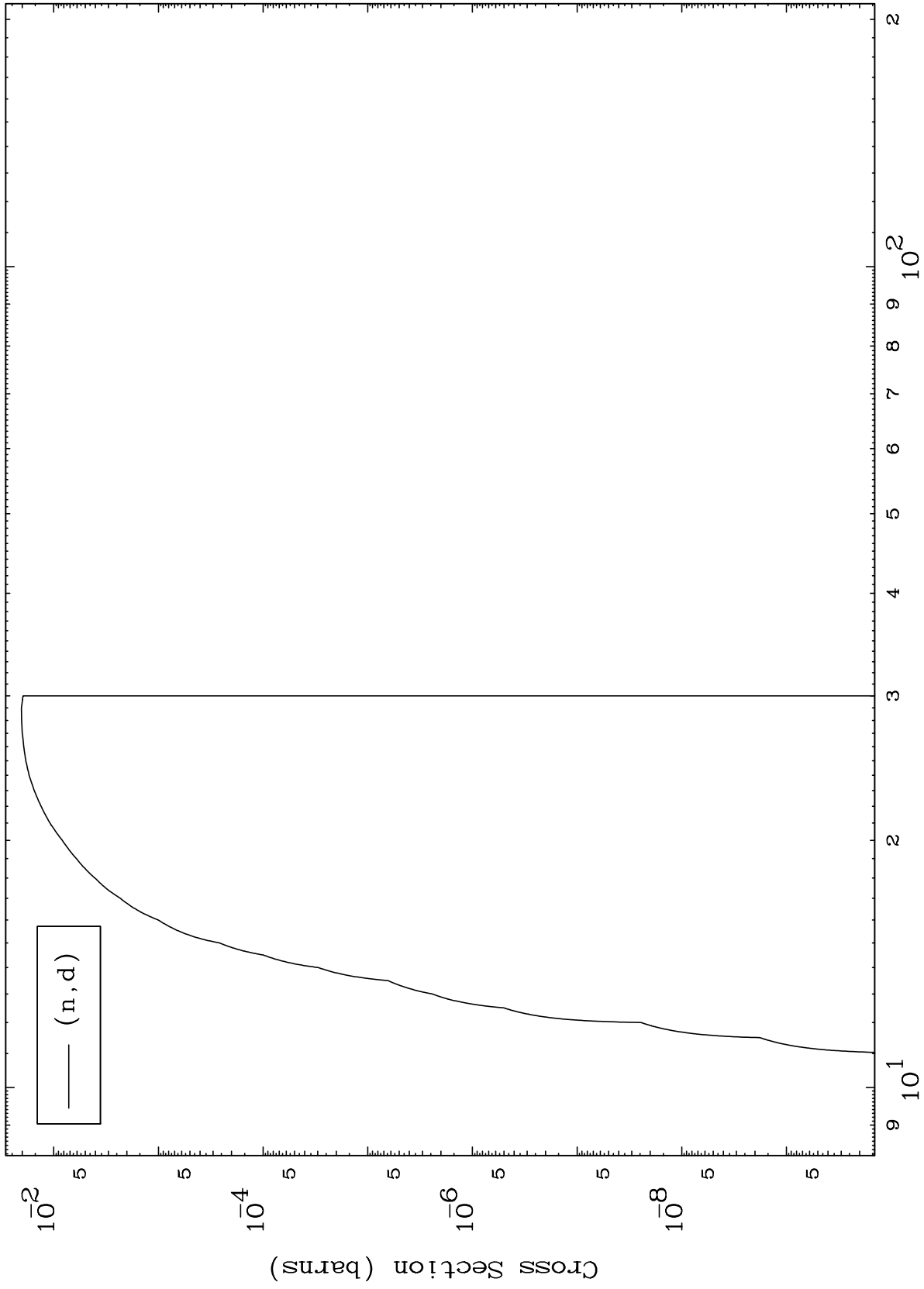
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-104



13

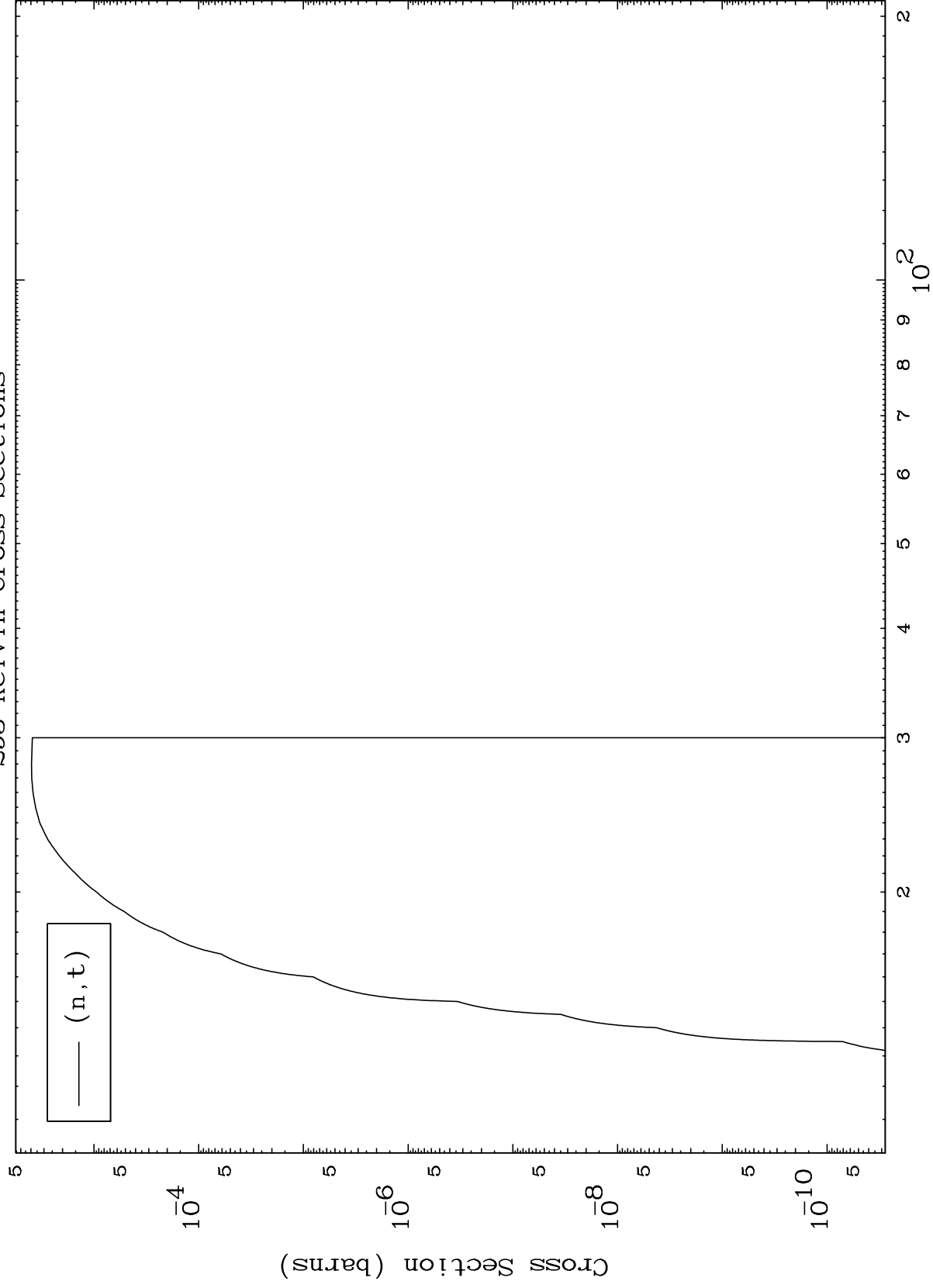
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-104



14

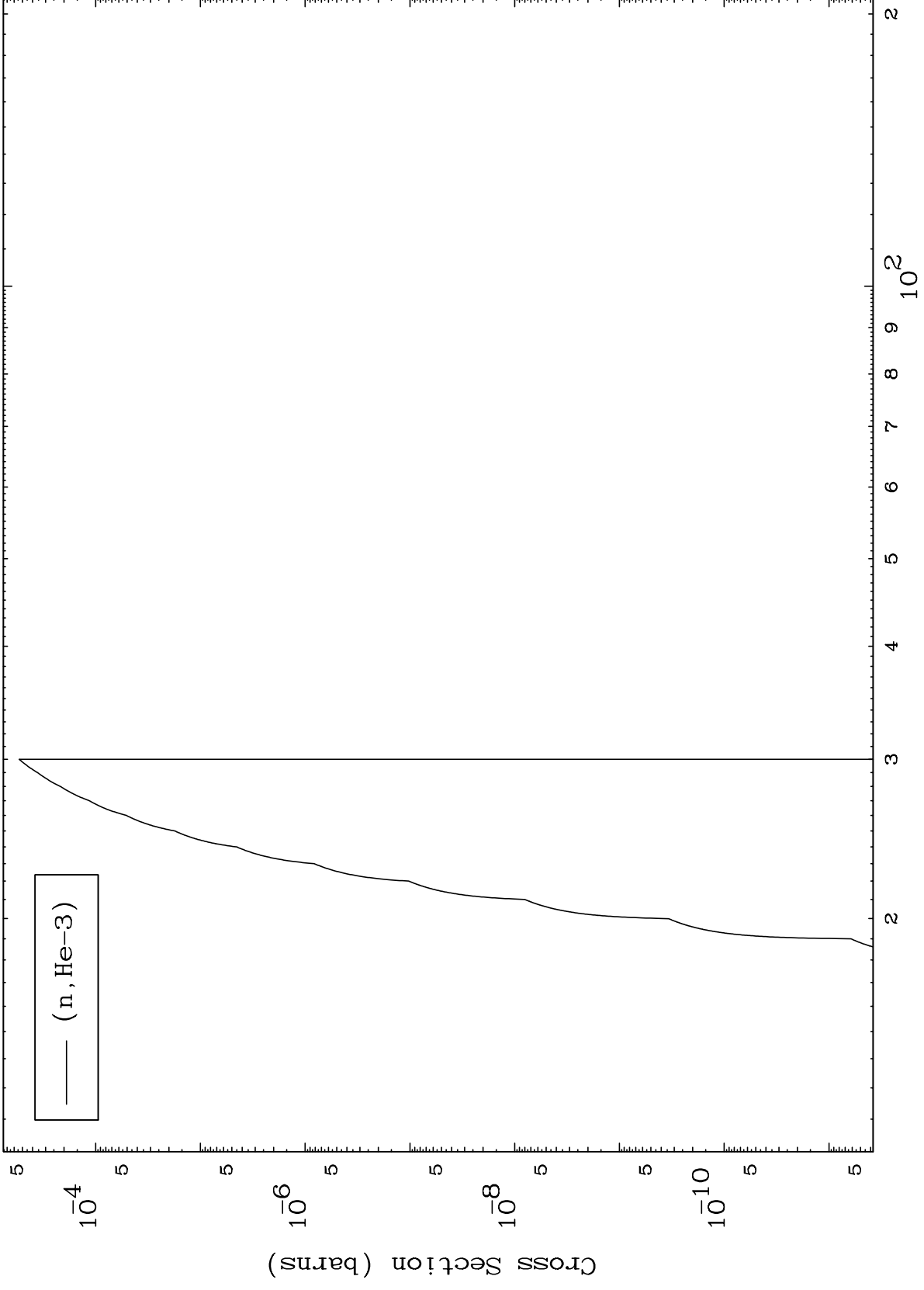
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-104



15

Incident Energy (MeV)

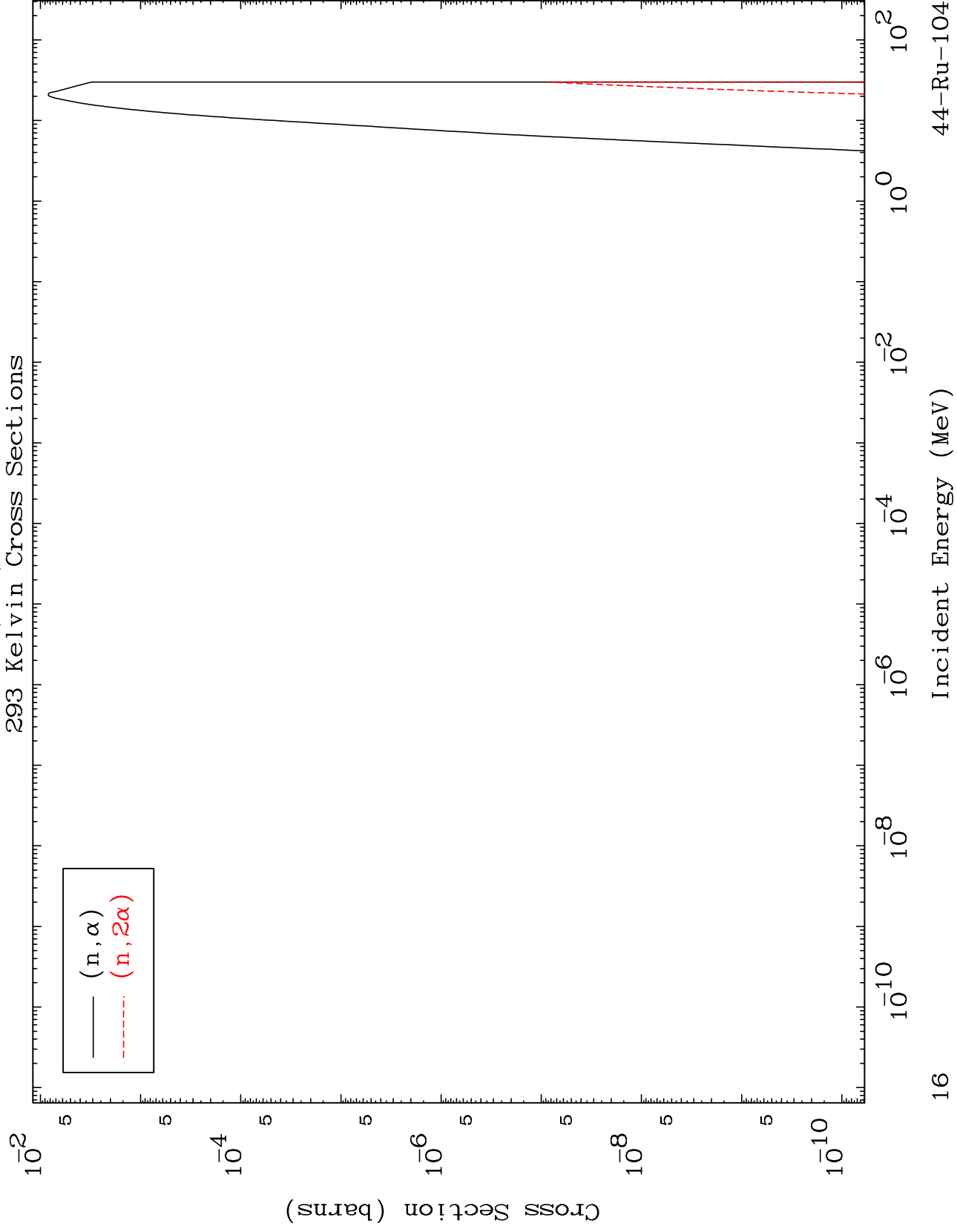
44-Ru-104



MAT 4449

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

44-Ru-104

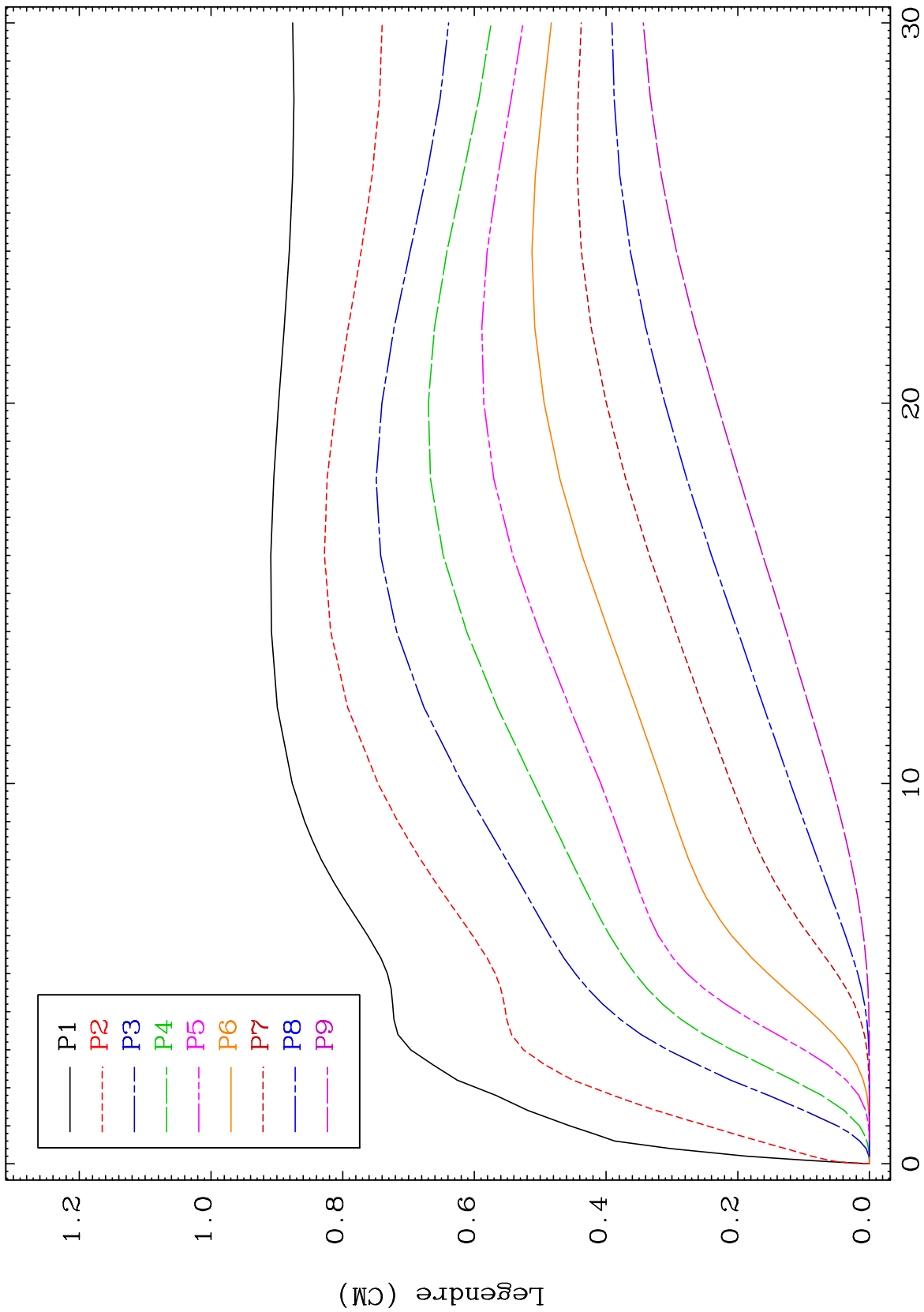


16

MAT 4449

Elastic Legendre Coefficients

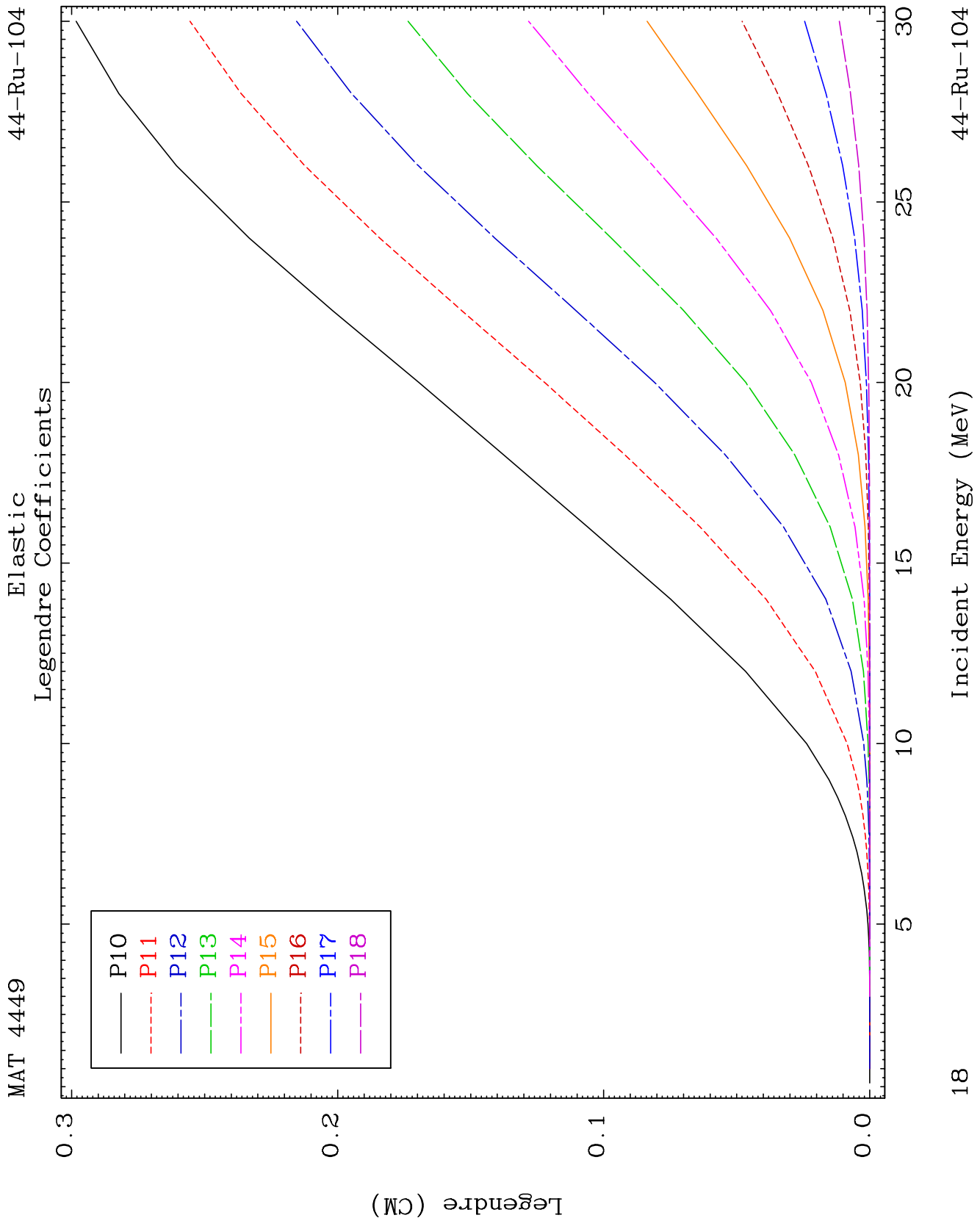
44-Ru-104



17

Incident Energy (MeV)

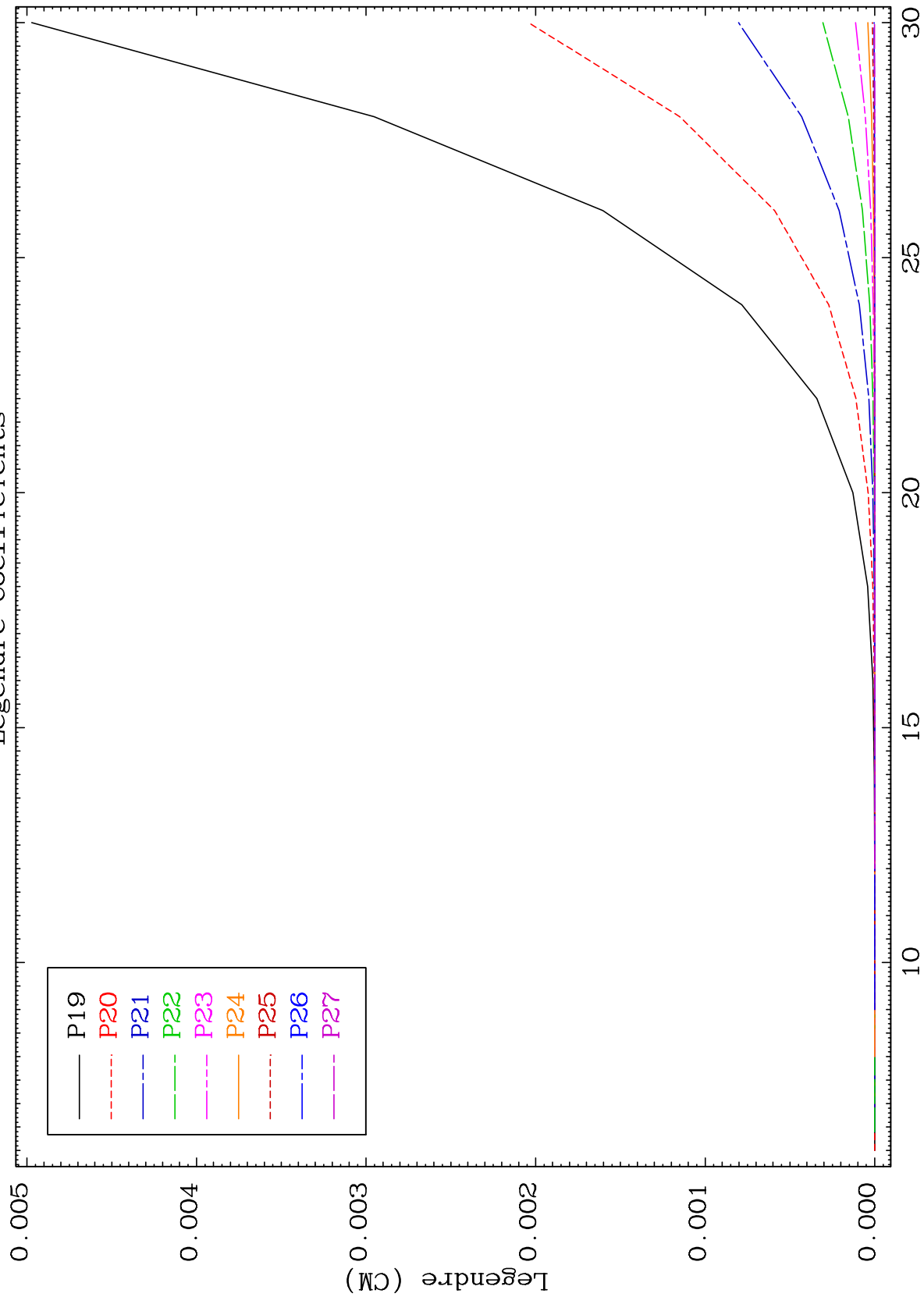
44-Ru-104



MAT 4449

Elastic Legendre Coefficients

44-Ru-104



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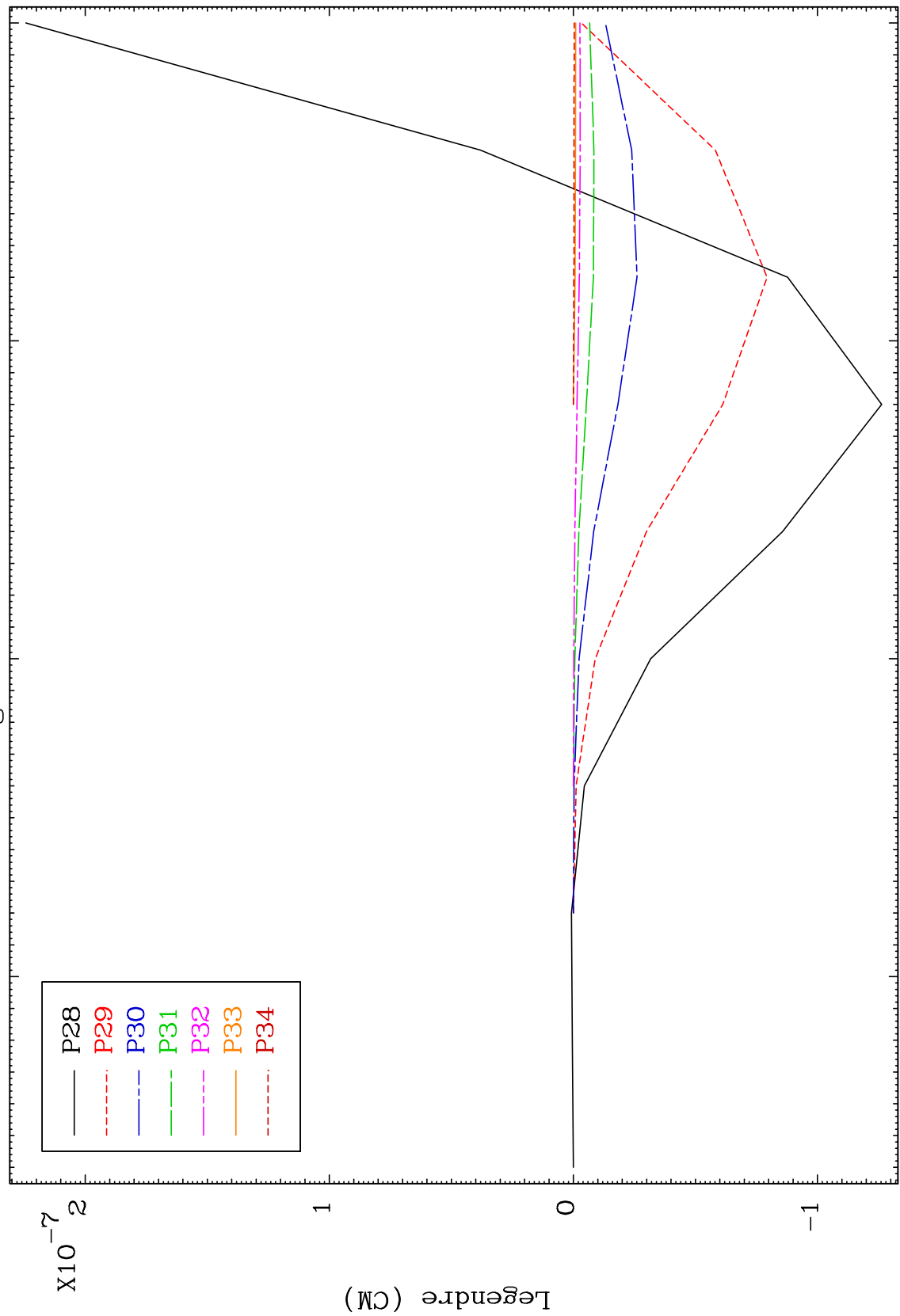
Incident Energy (MeV)

44-Ru-104

MAT 4449

Elastic Legendre Coefficients

44-Ru-104



20

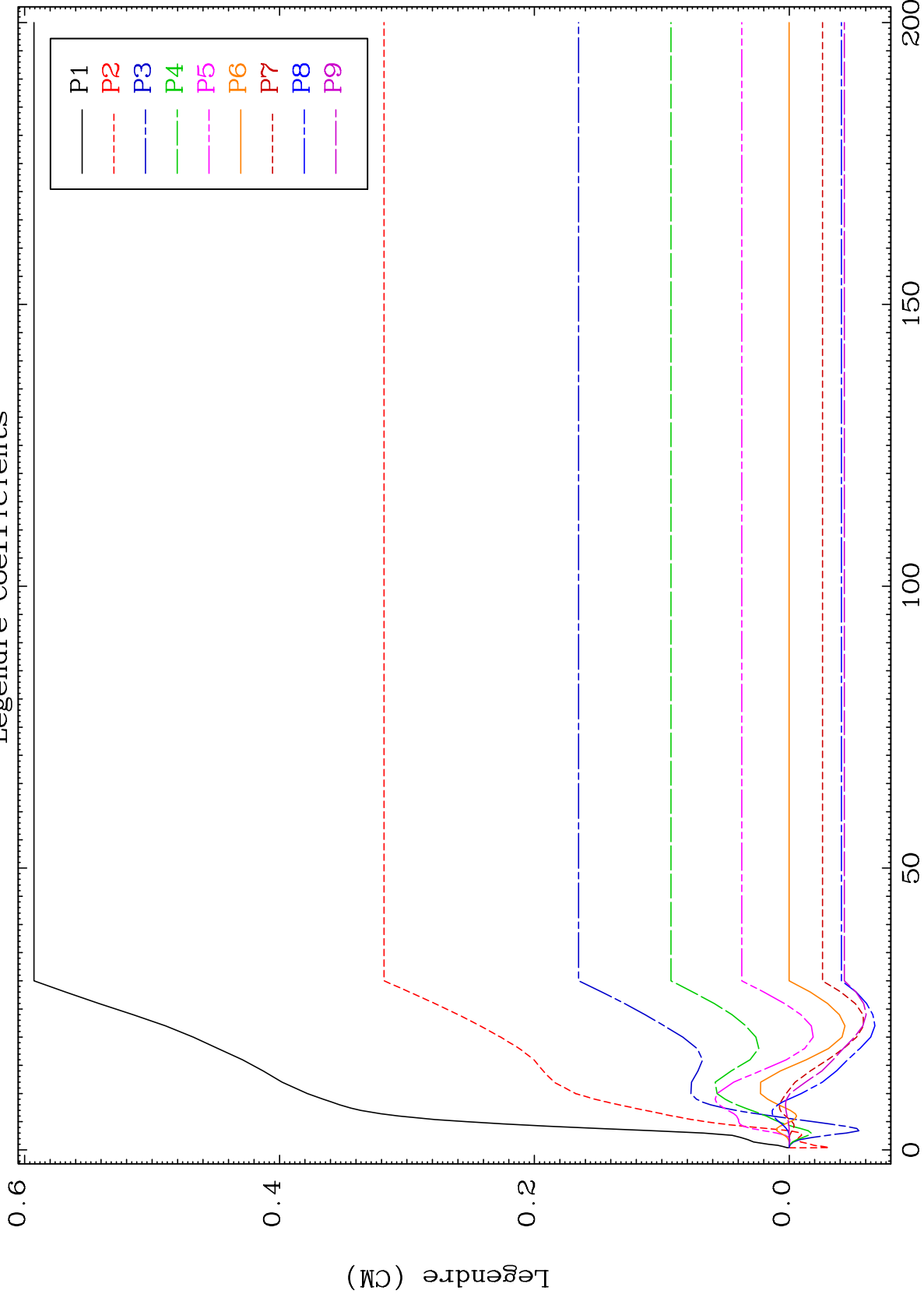
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



21

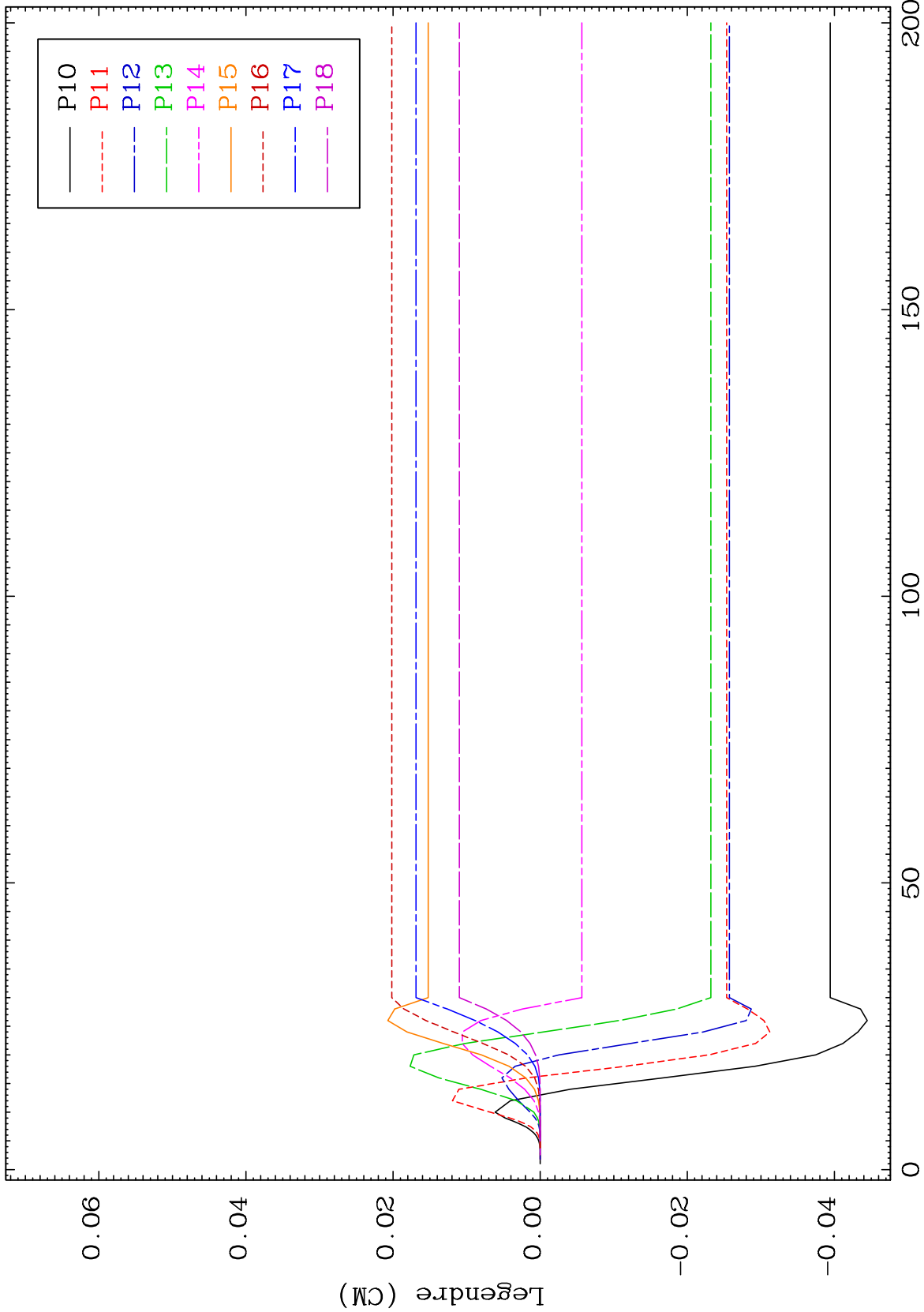
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



22

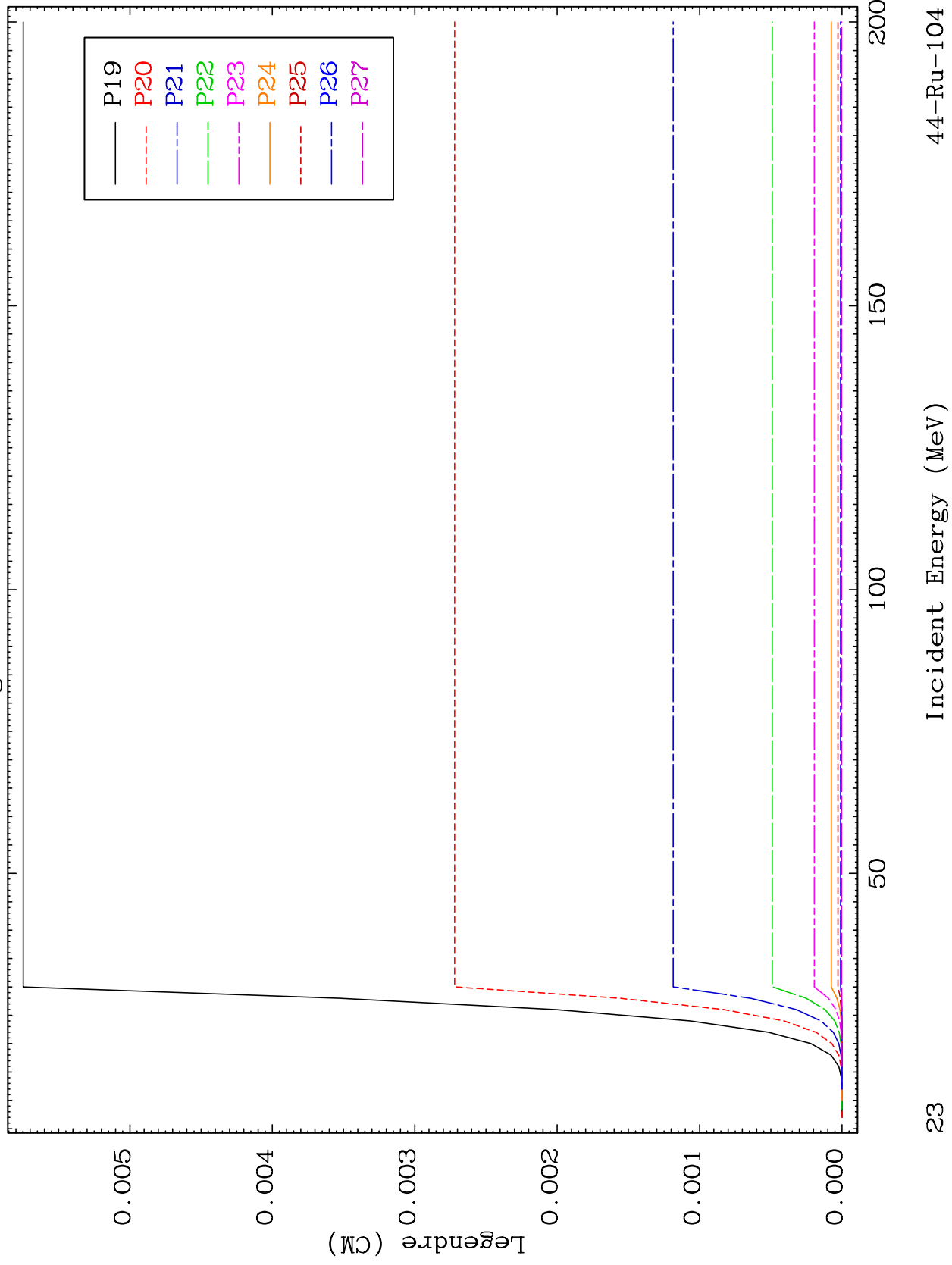
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



23

Incident Energy (MeV)

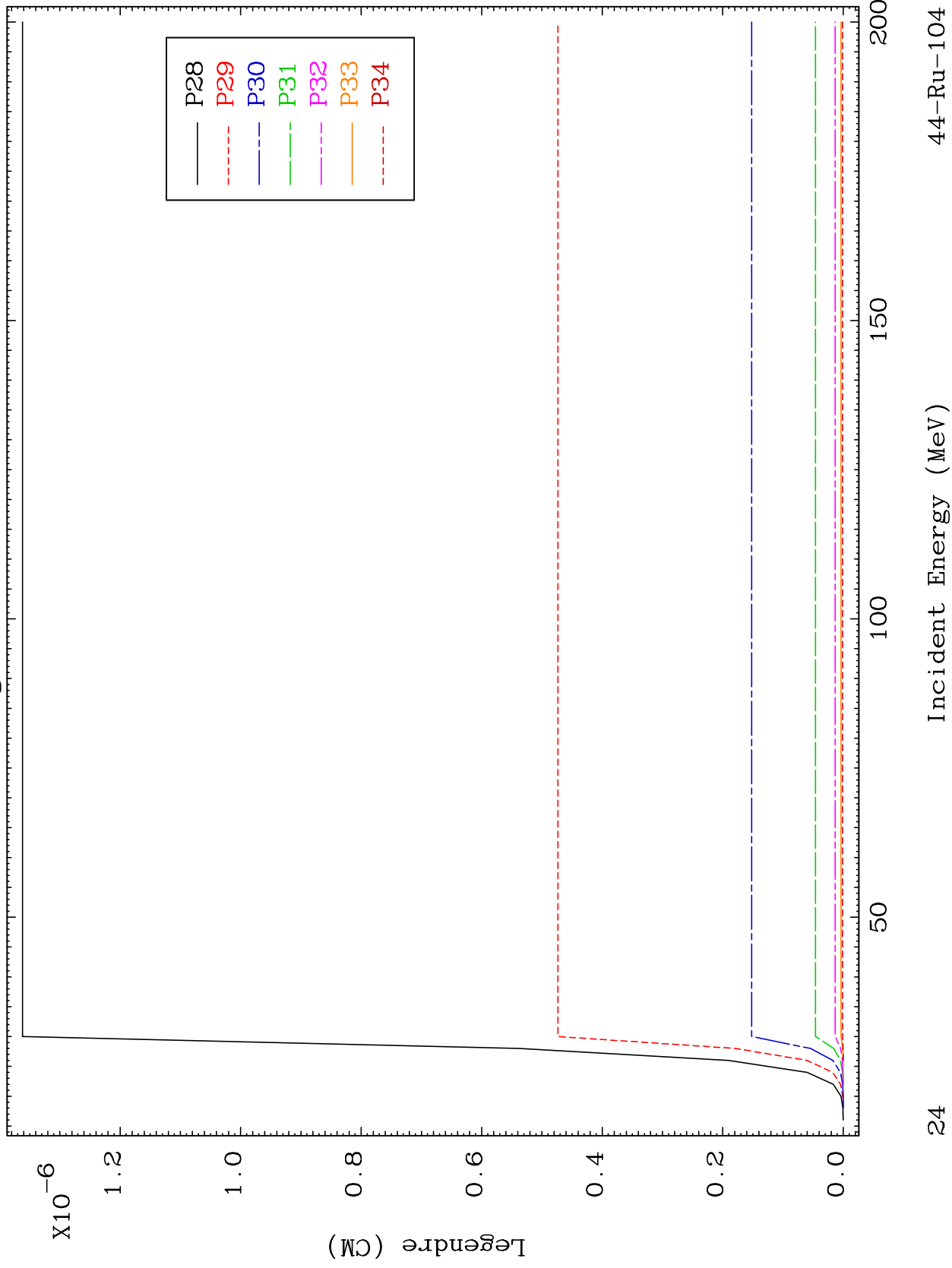
44-Ru-104



MAT 4449

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

44-Ru-104



24

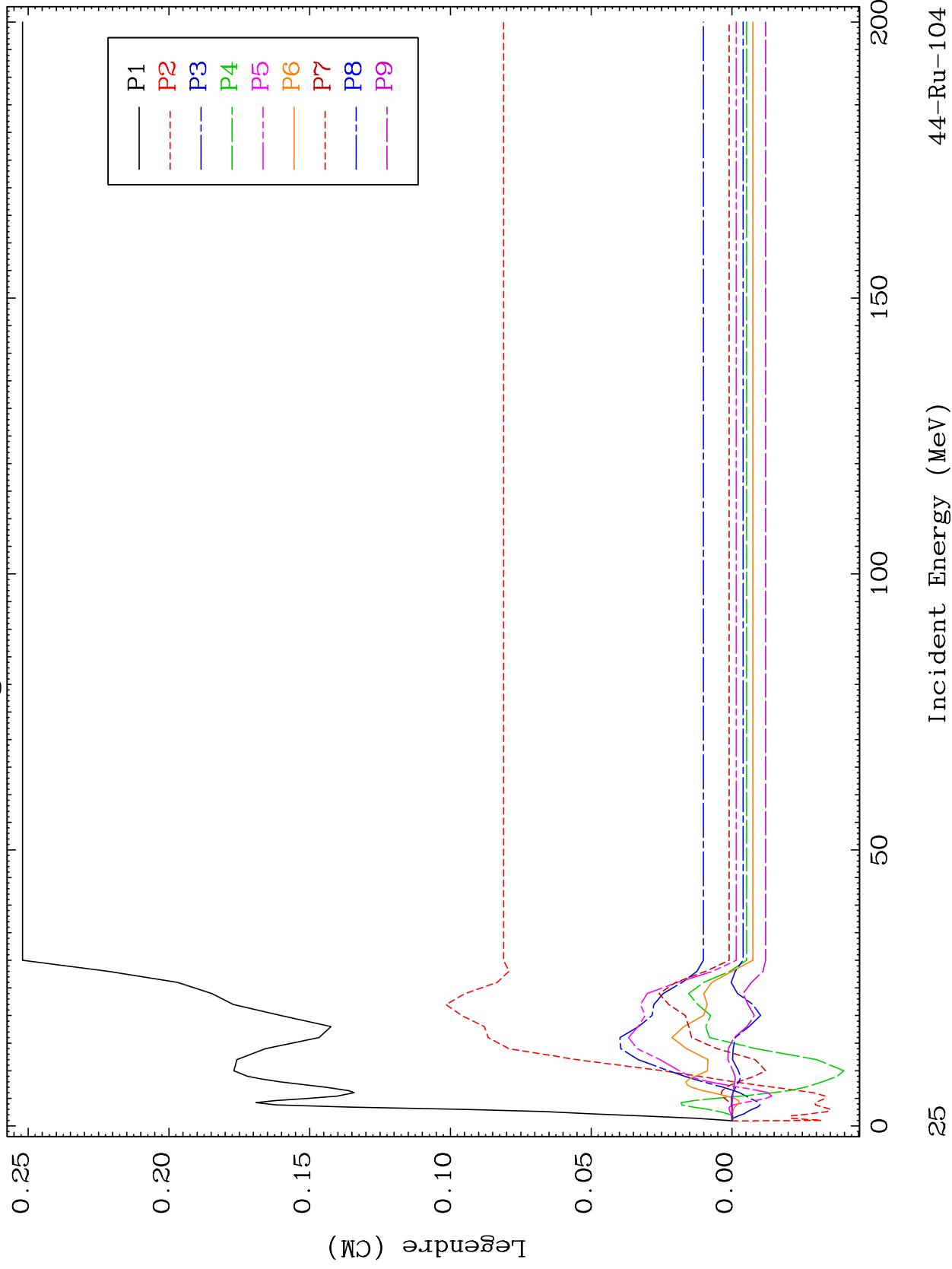
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

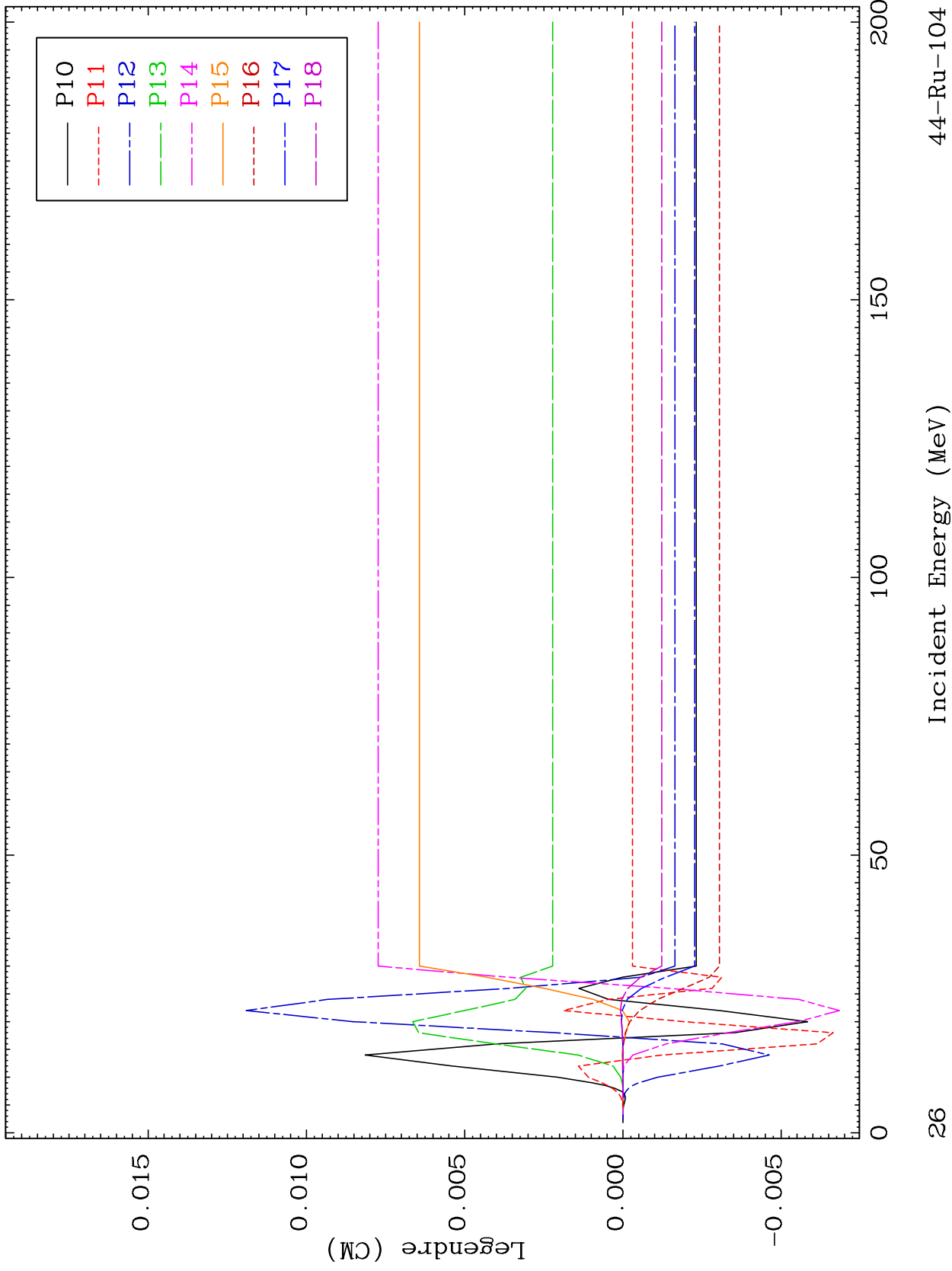
Incident Energy (MeV)

25

MAT 4449

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

44-Ru-104



26

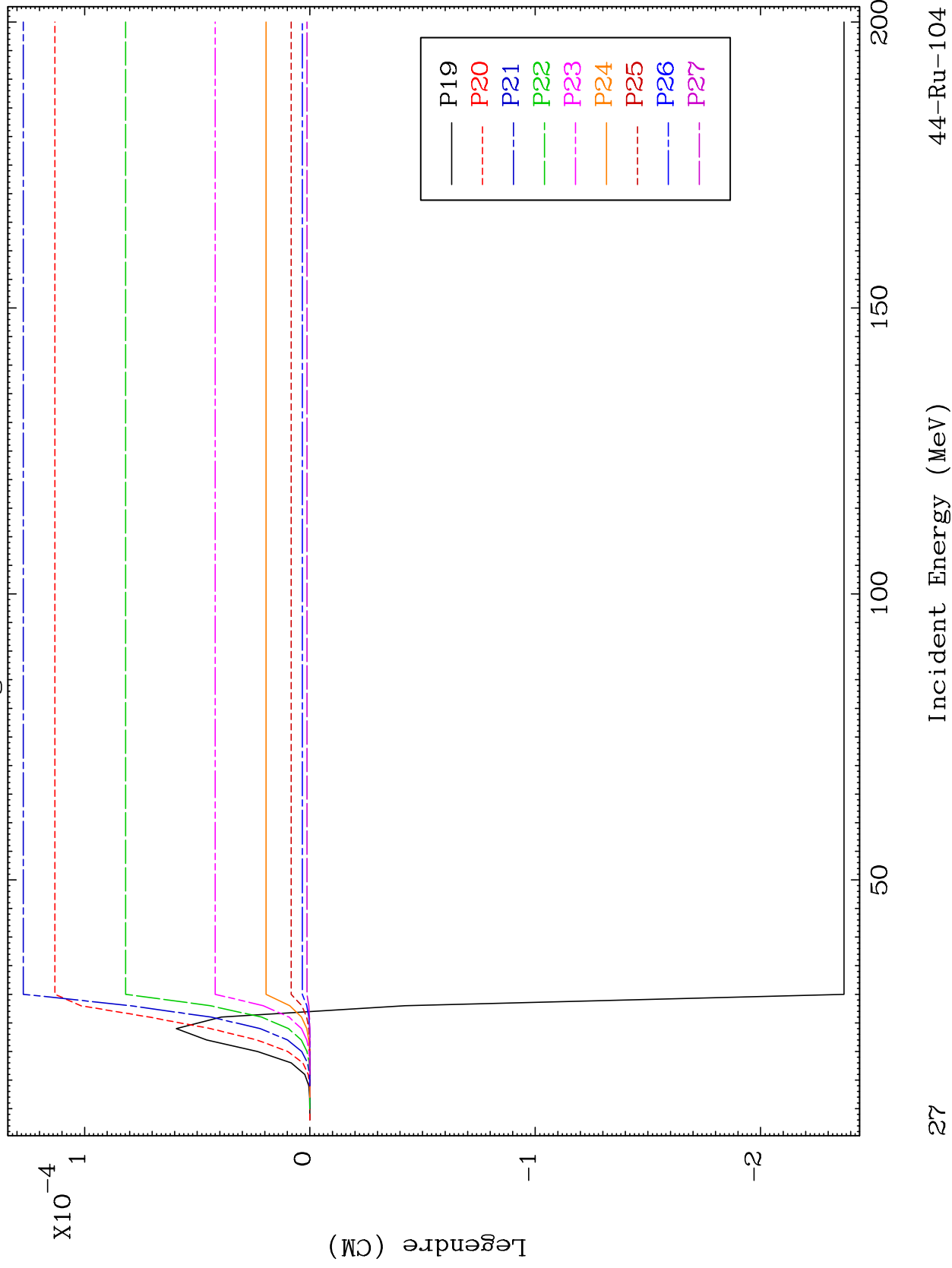
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

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



27

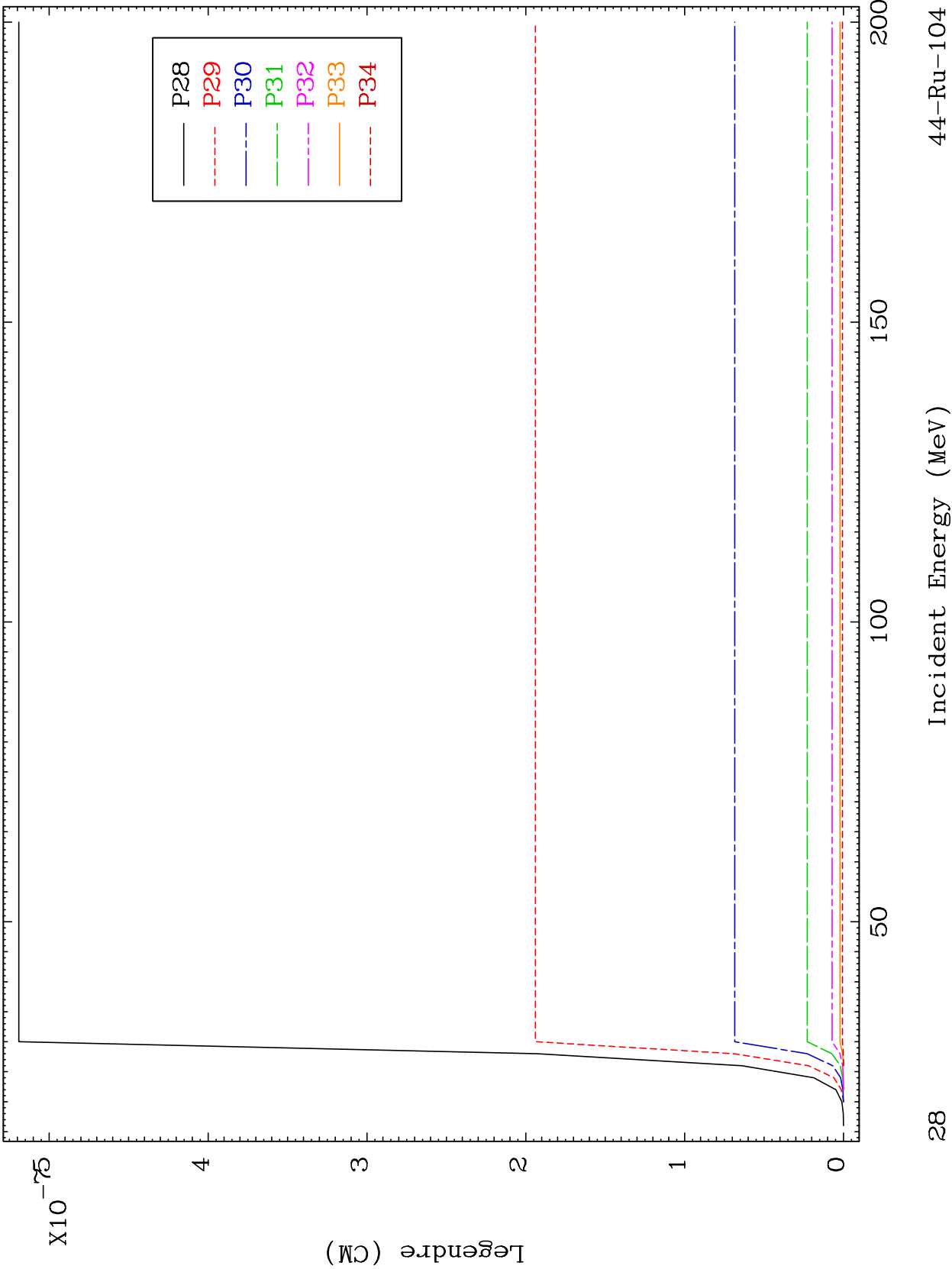
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



28

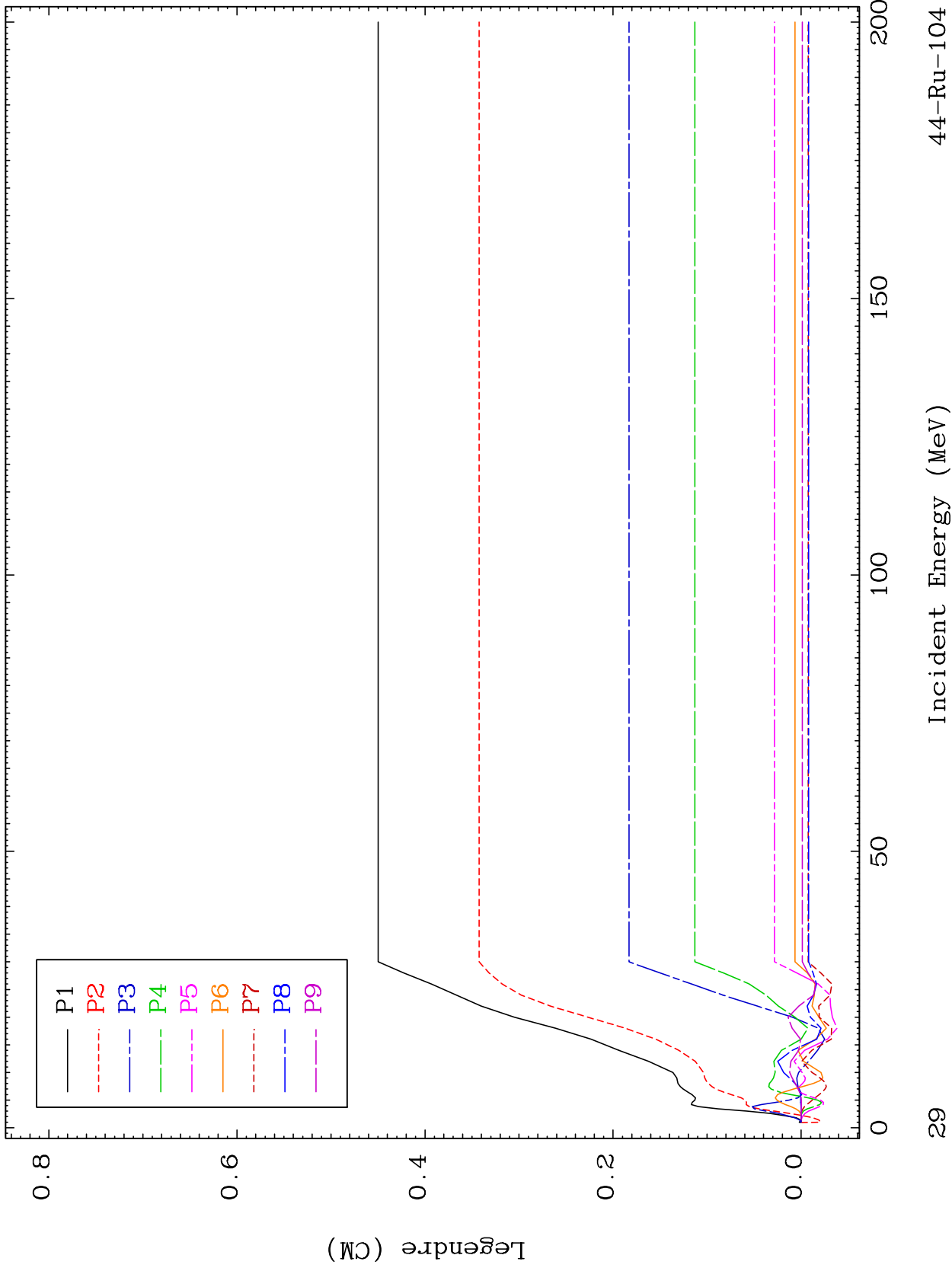
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



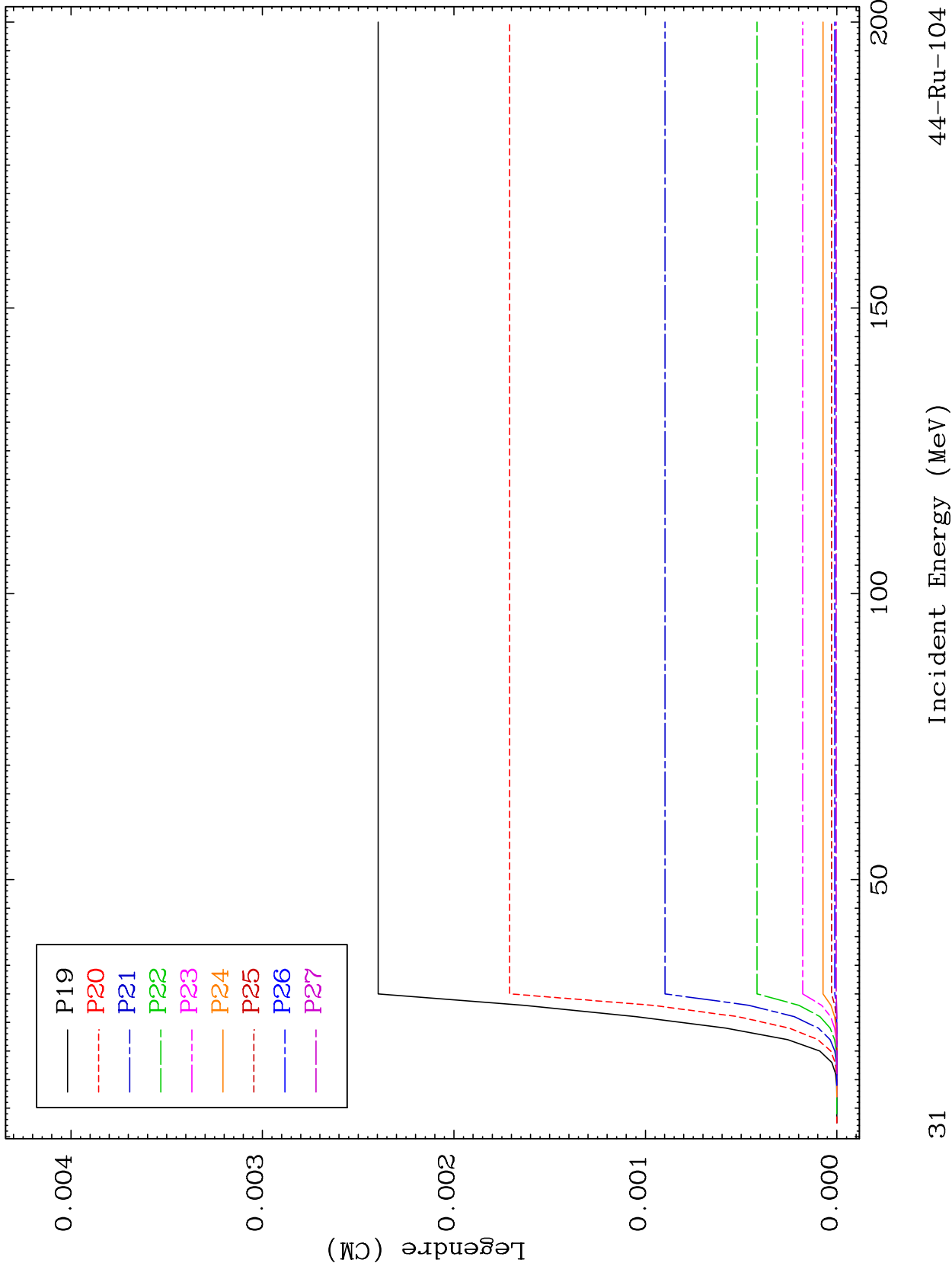
29



MAT 4449

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

44-Ru-104



31

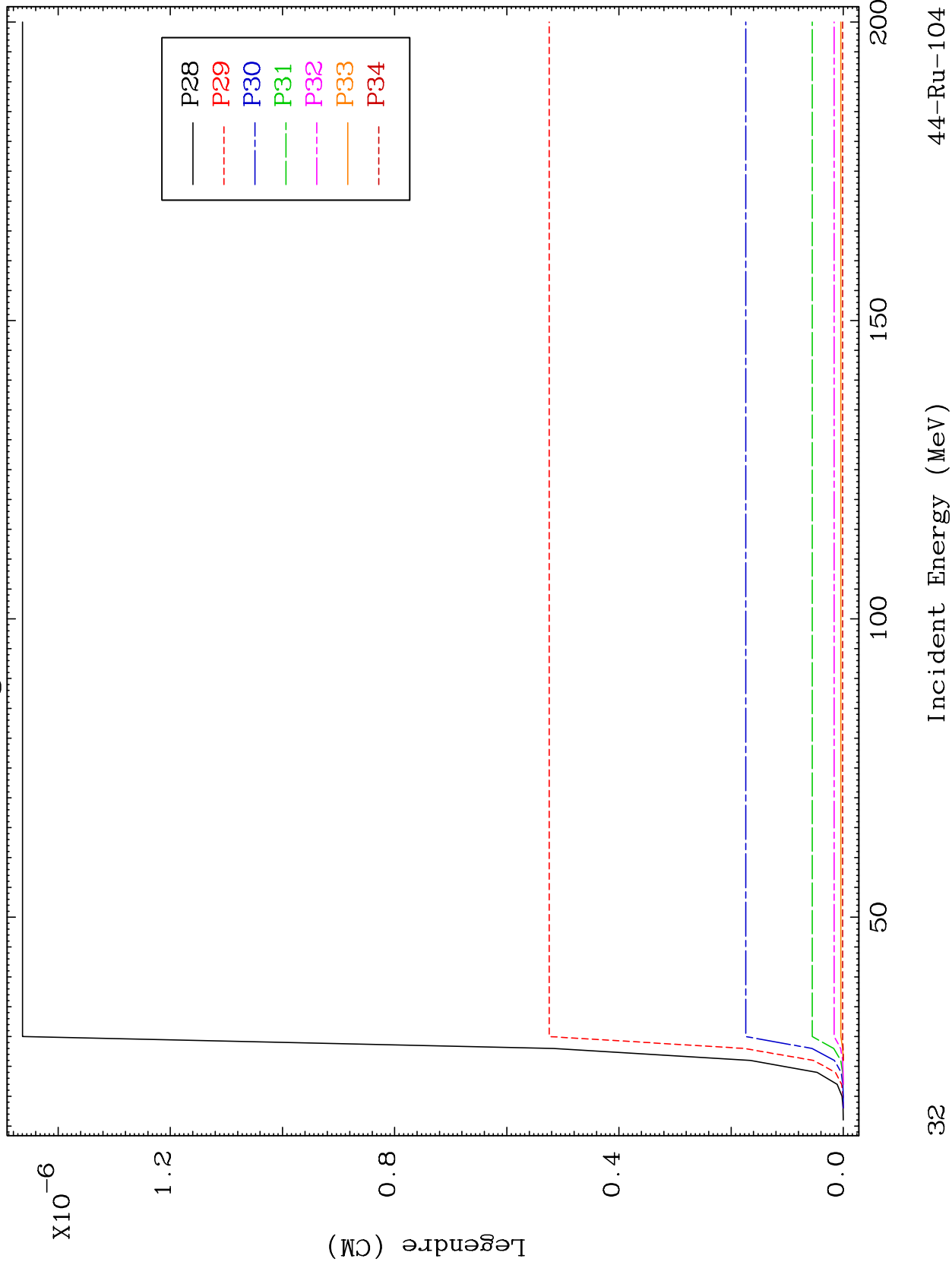
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MAT 4449

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

44-Ru-104

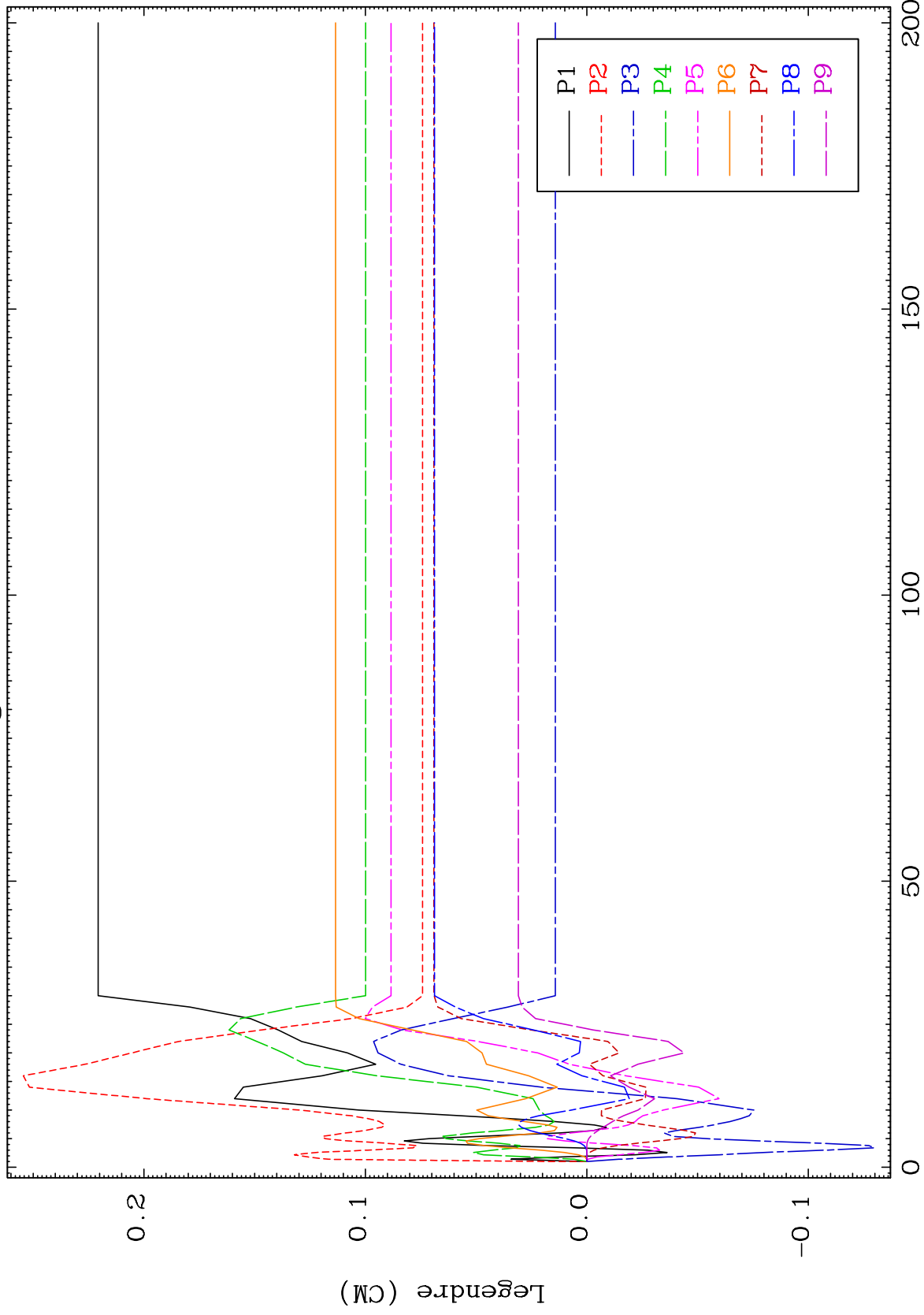


32

MAT 4449

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

44-Ru-104



33

Incident Energy (MeV)

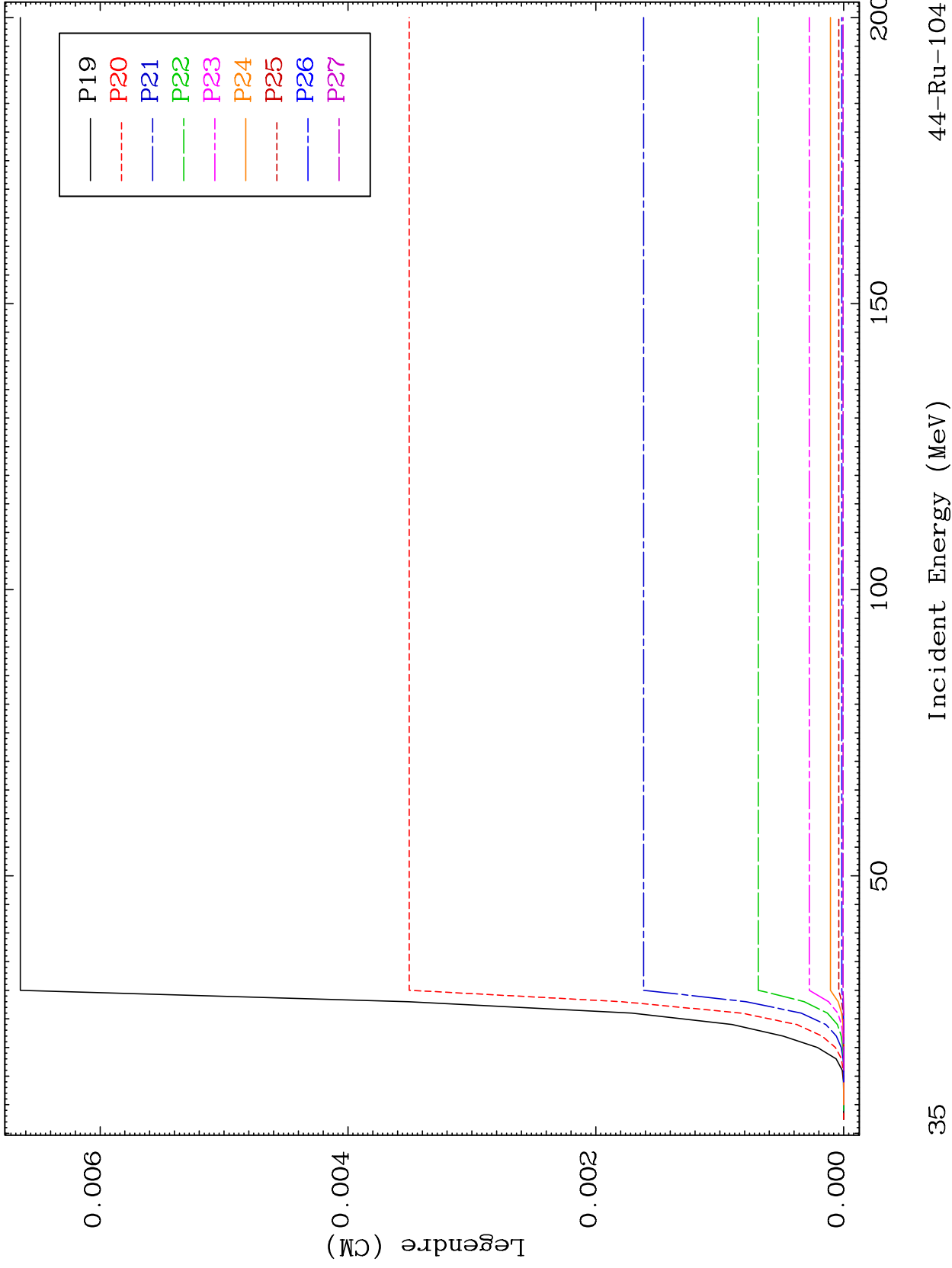
44-Ru-104



MAT 4449

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

44-Ru-104



35

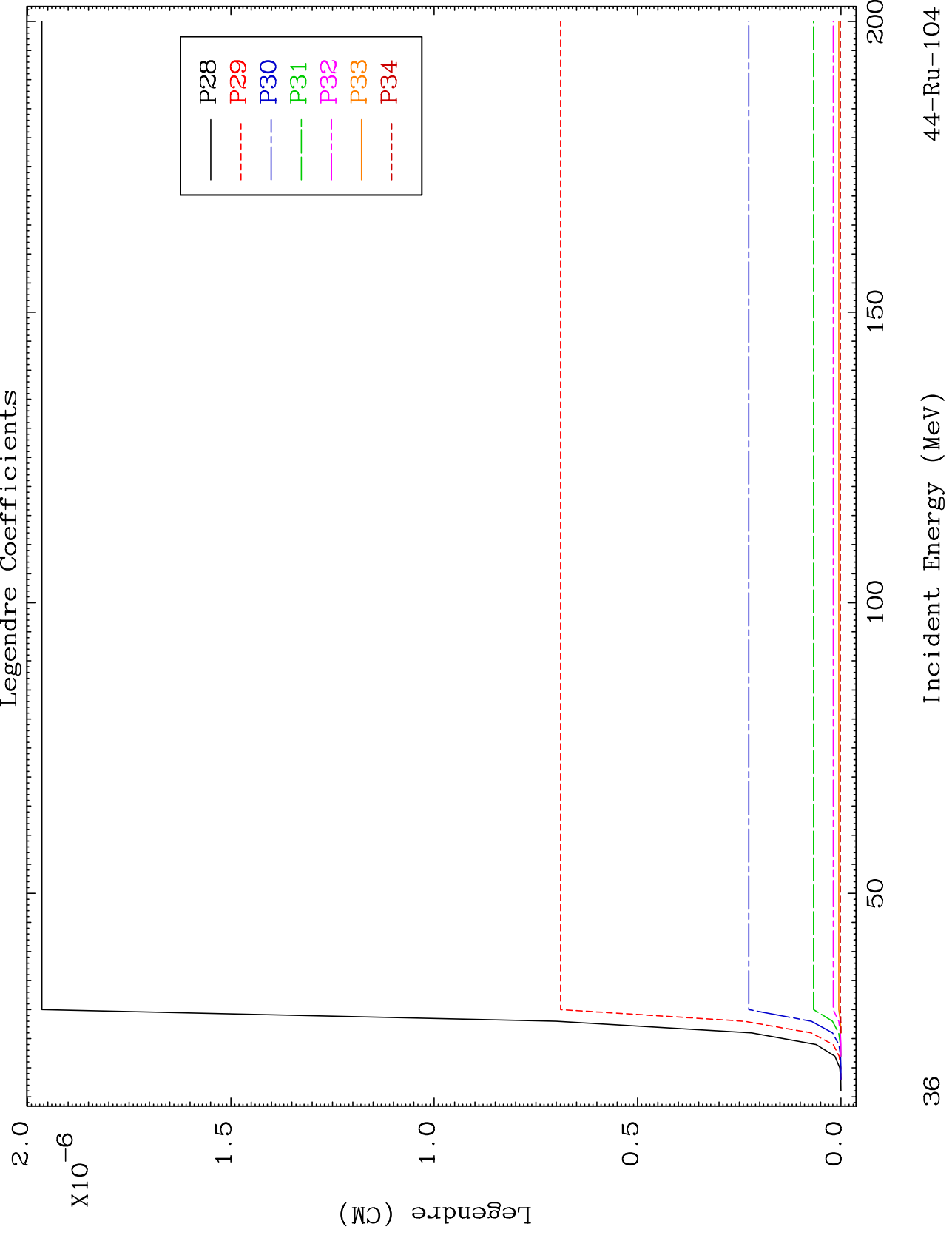
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



36

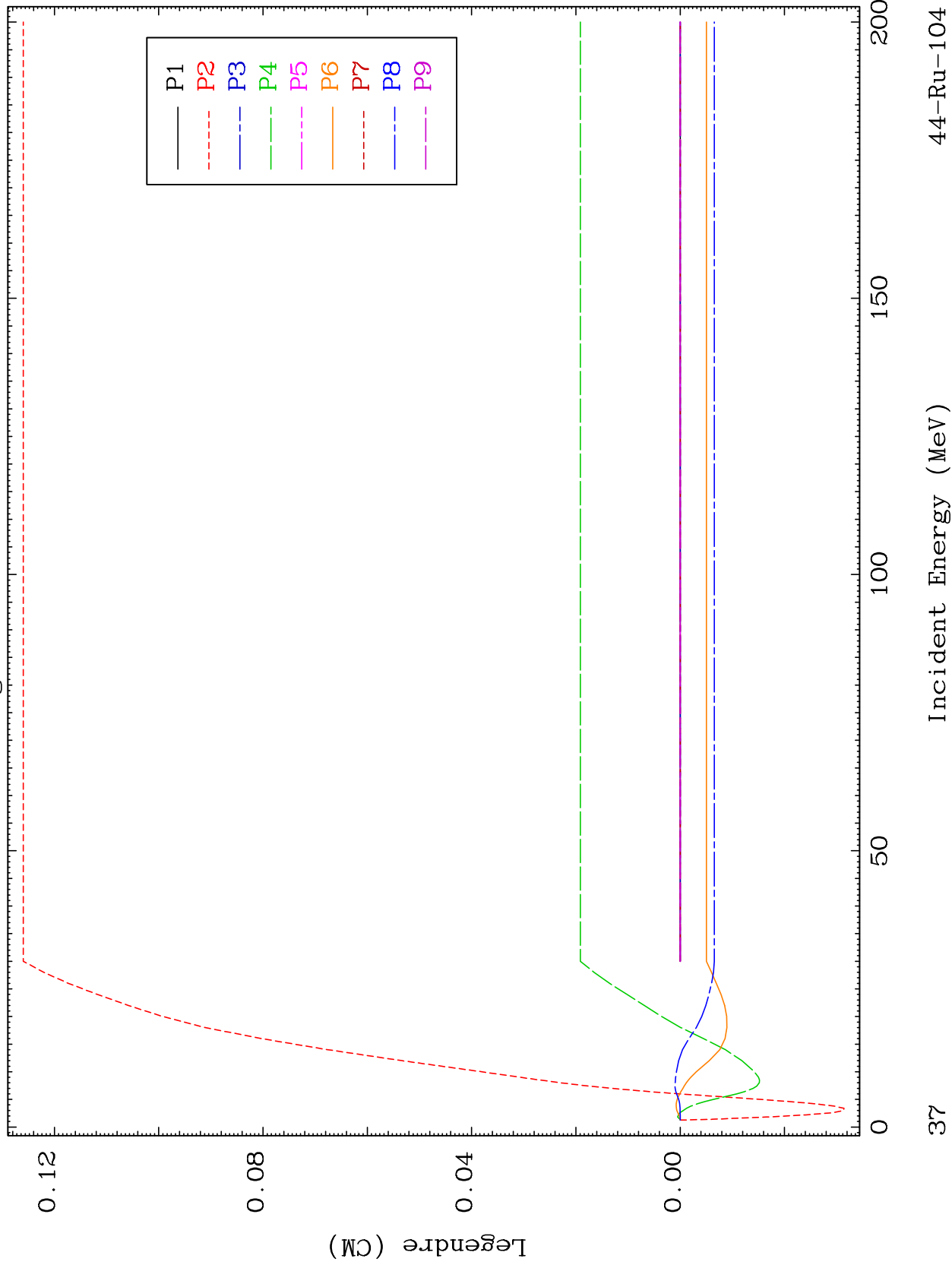
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

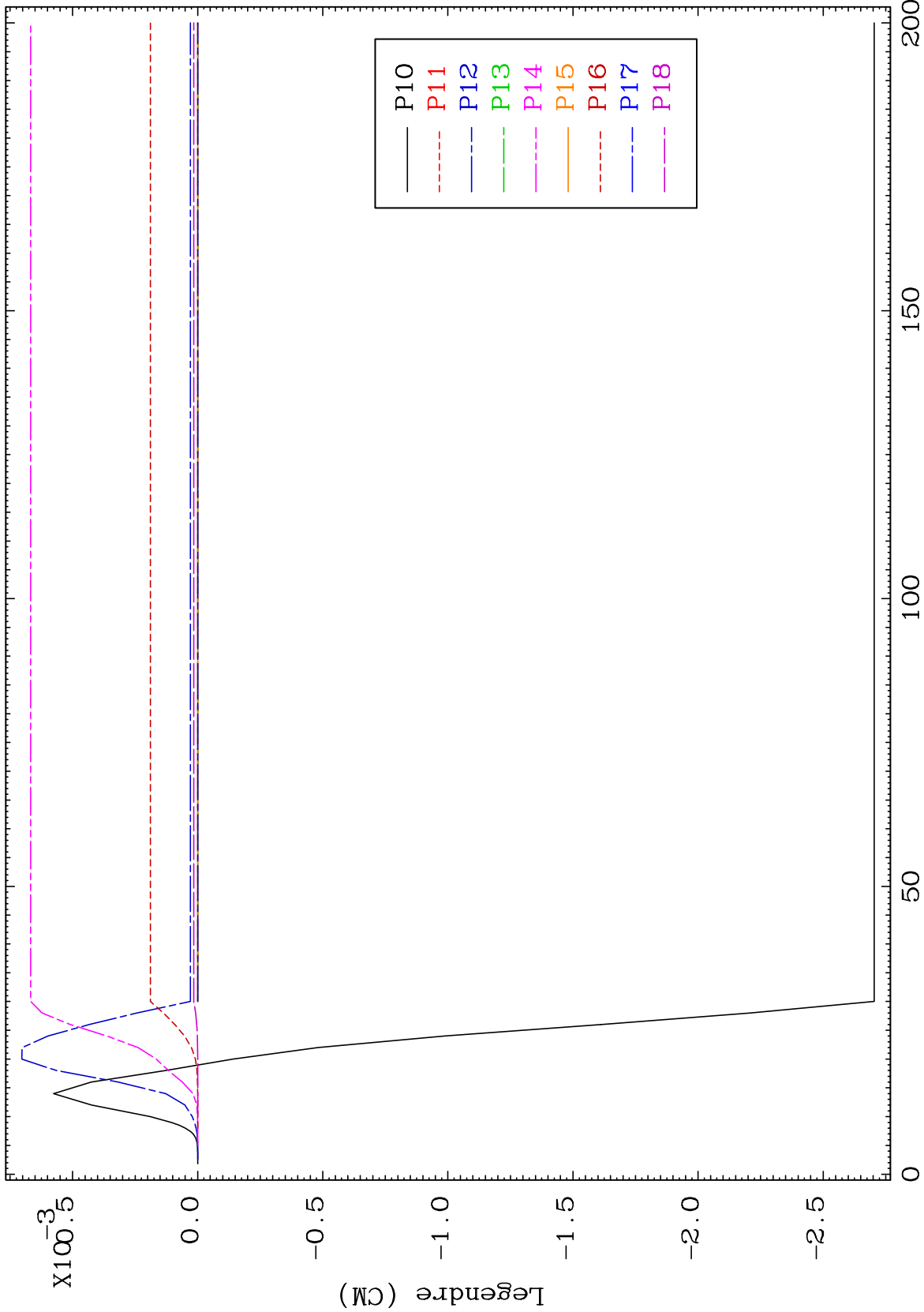
Incident Energy (MeV)

37

MAT 4449

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

44-Ru-104



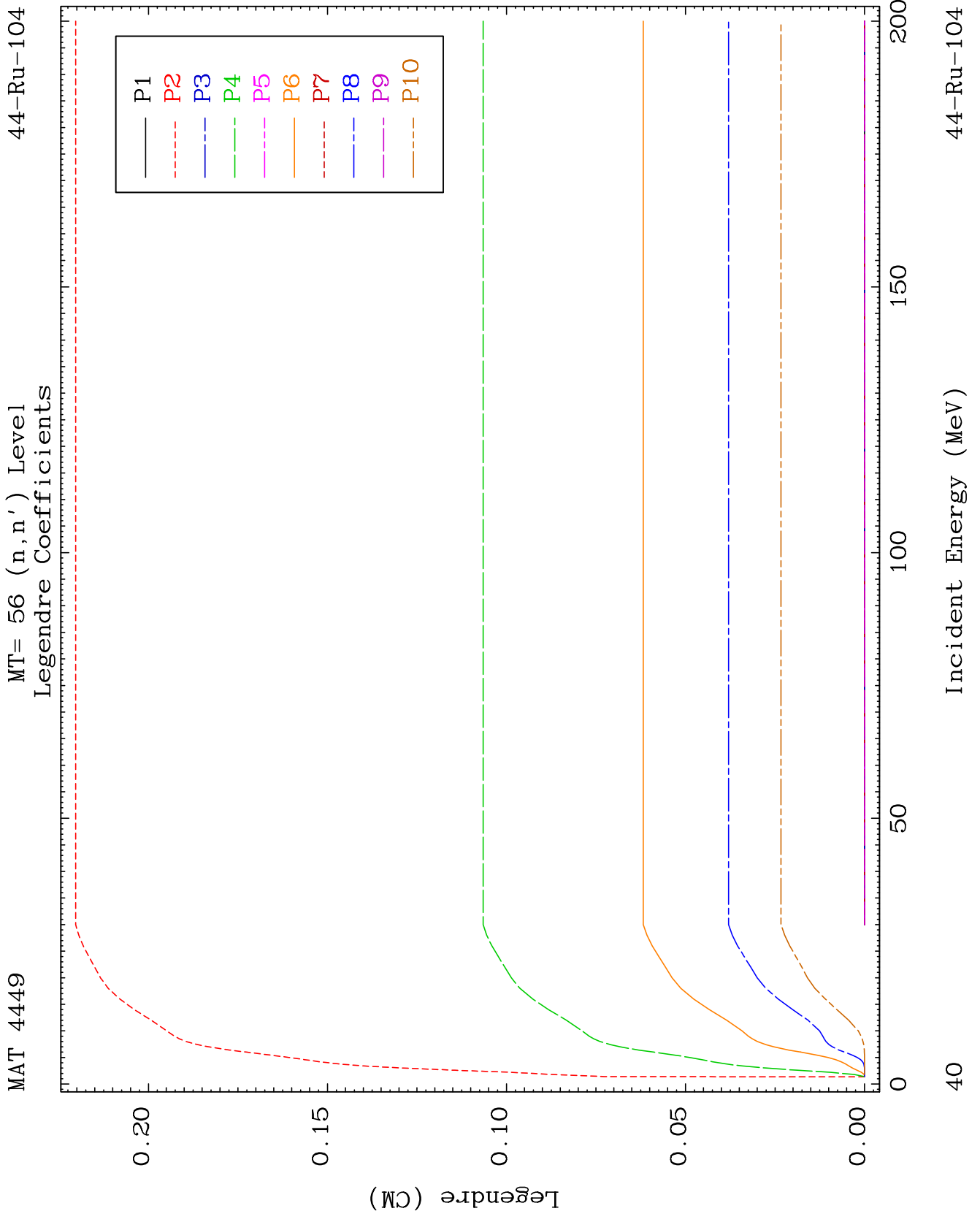
38

Incident Energy (MeV)

44-Ru-104



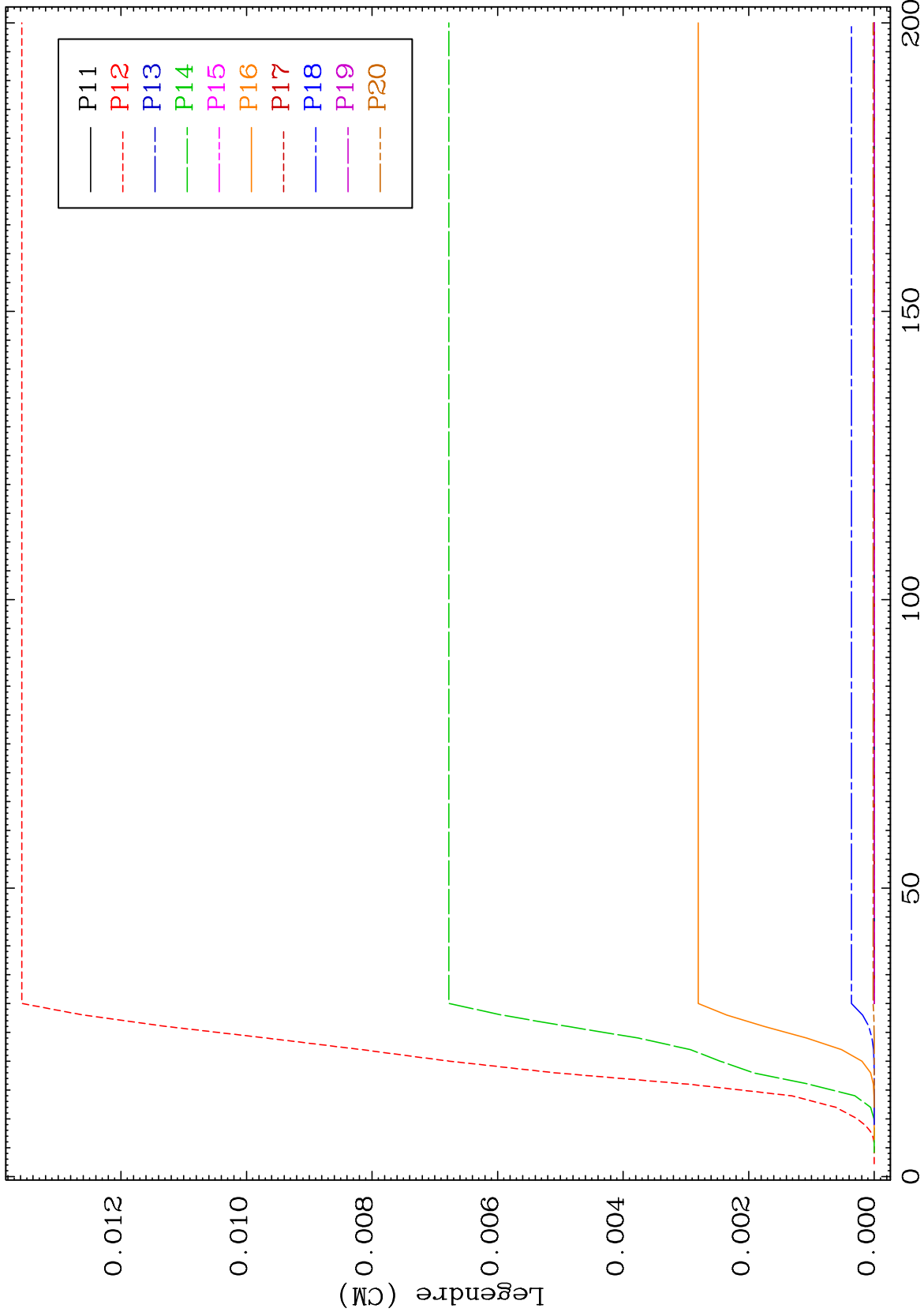




MAT 4449

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

44-Ru-104



41

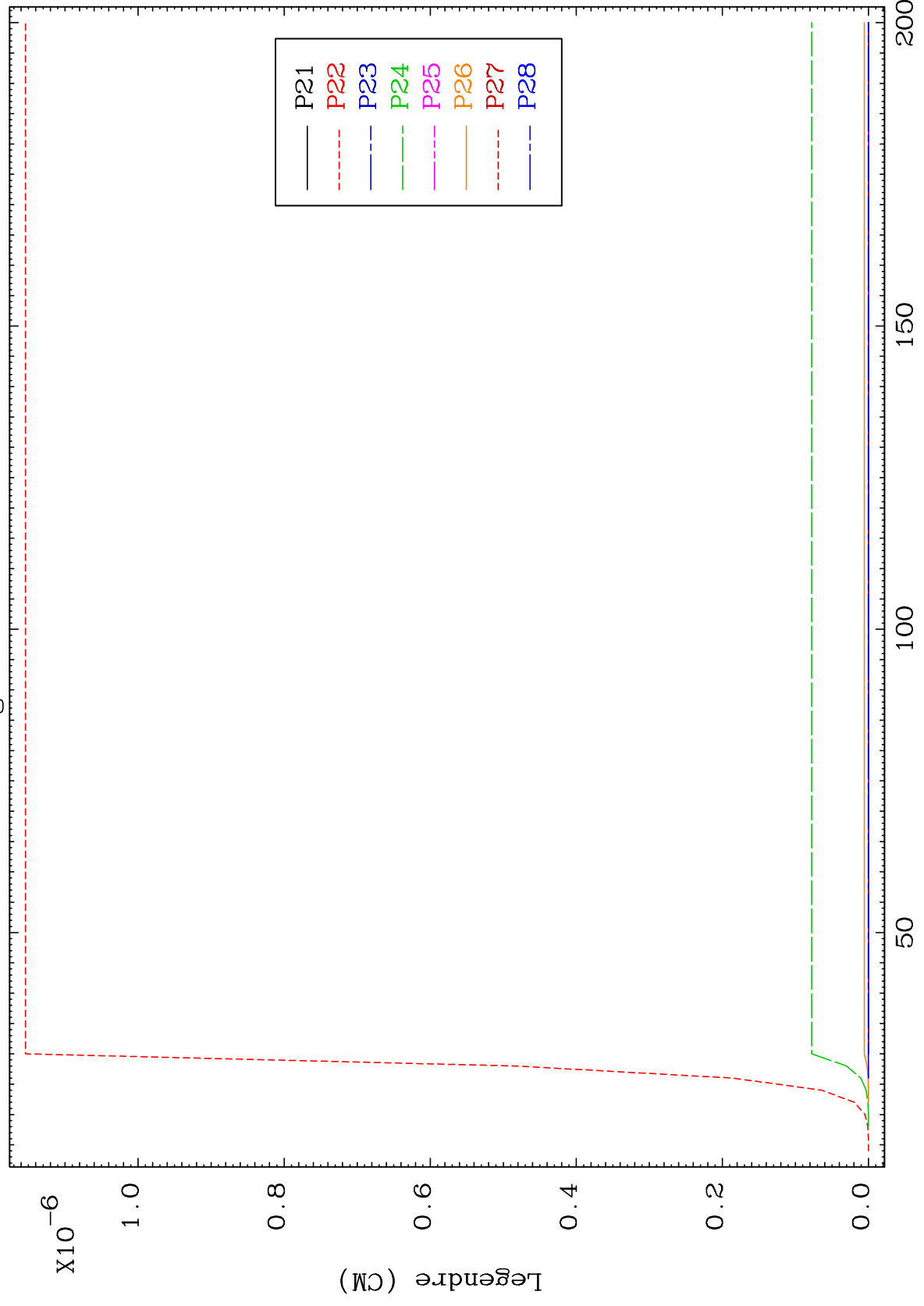
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



42

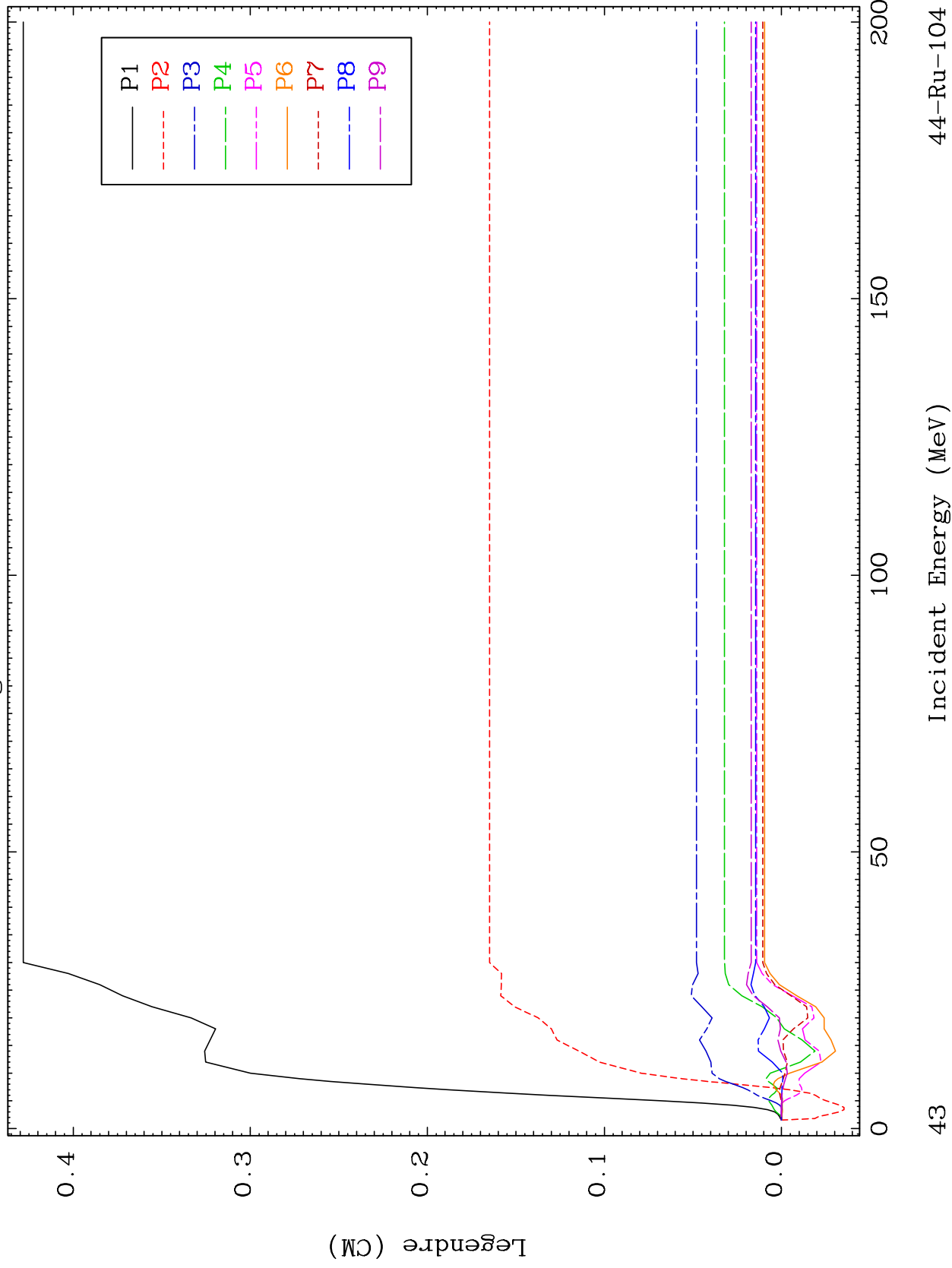
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

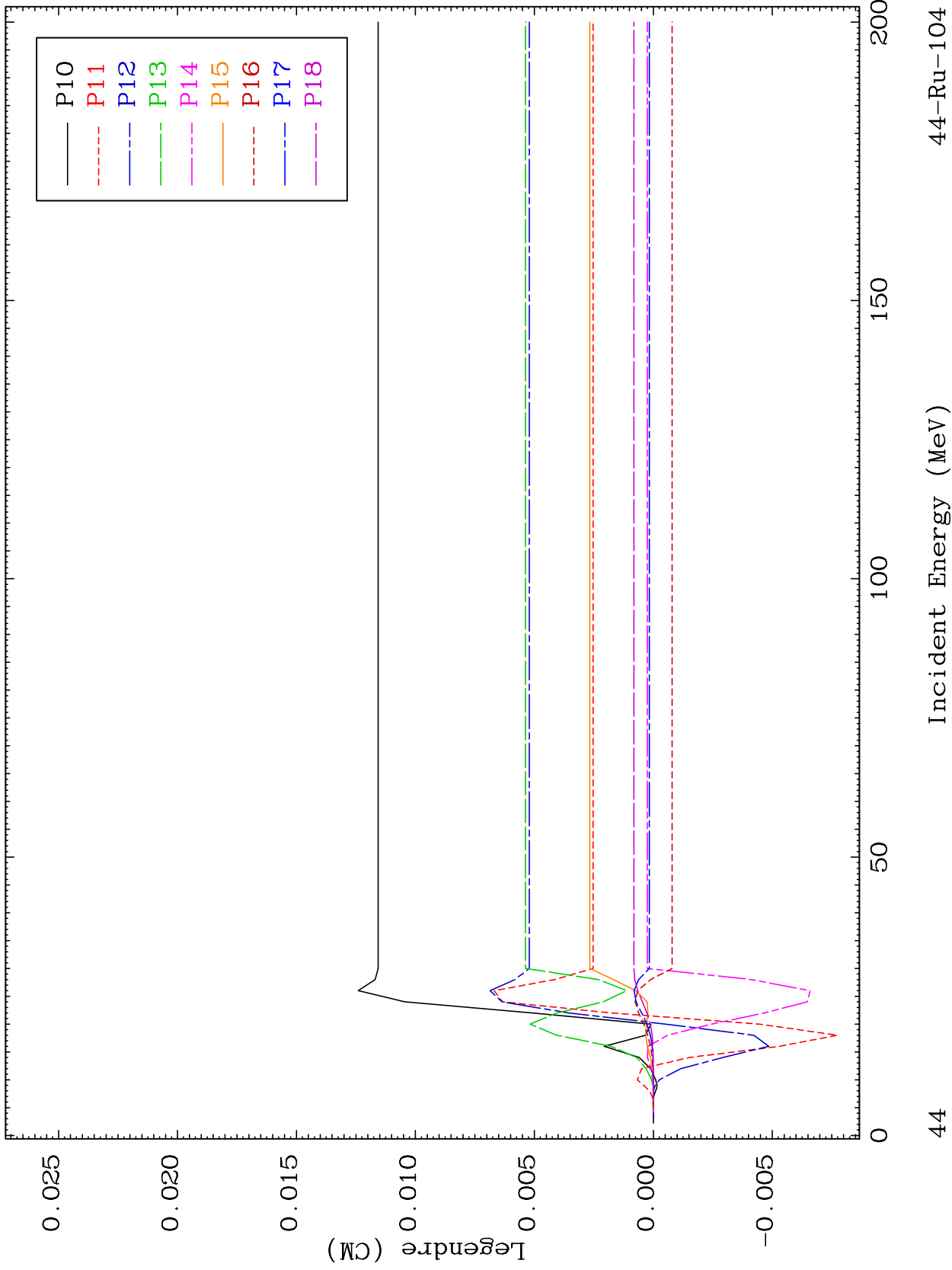
44-Ru-104



MAT 4449

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

44-Ru-104



44

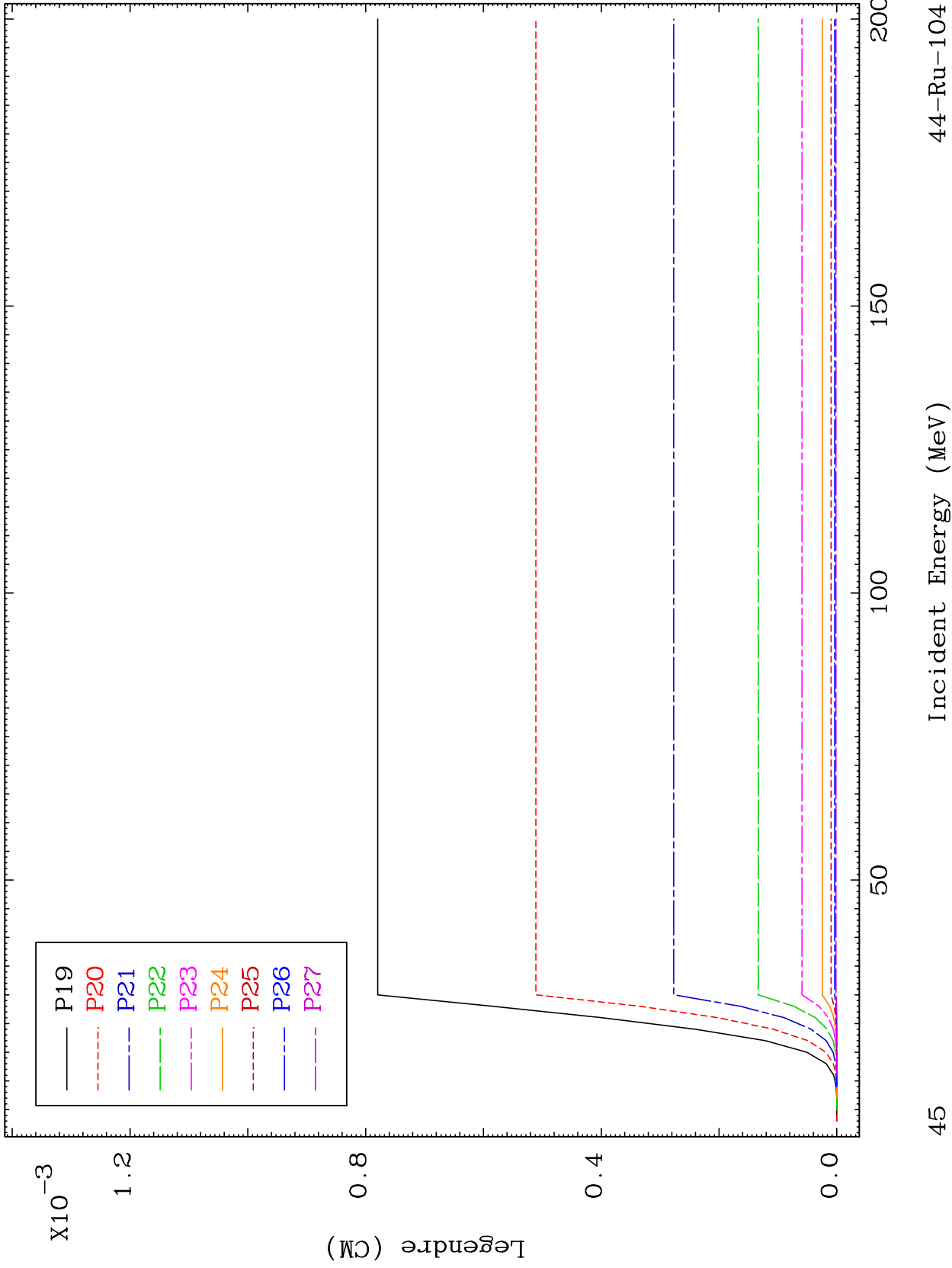
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

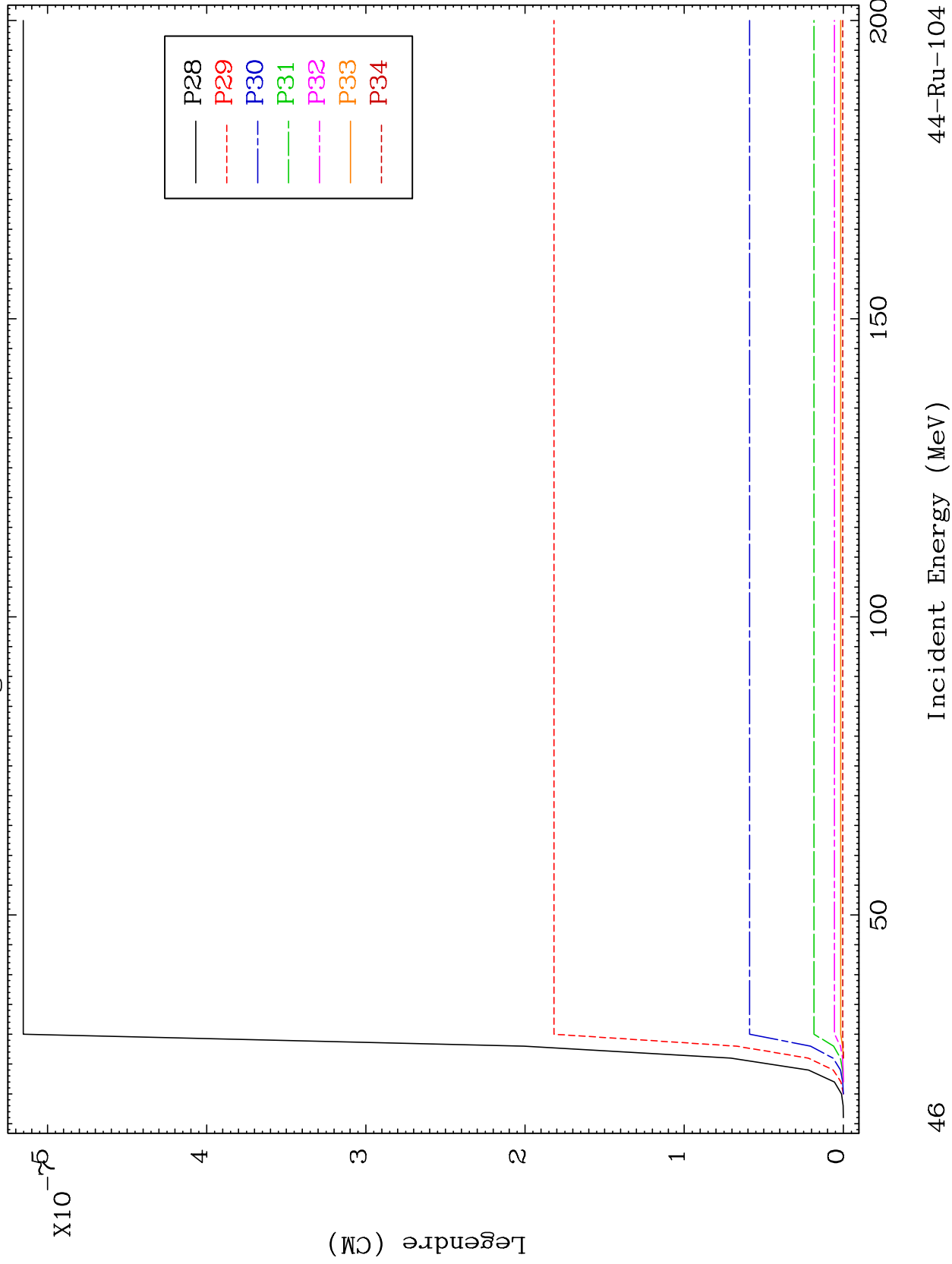
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MAT 4449

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

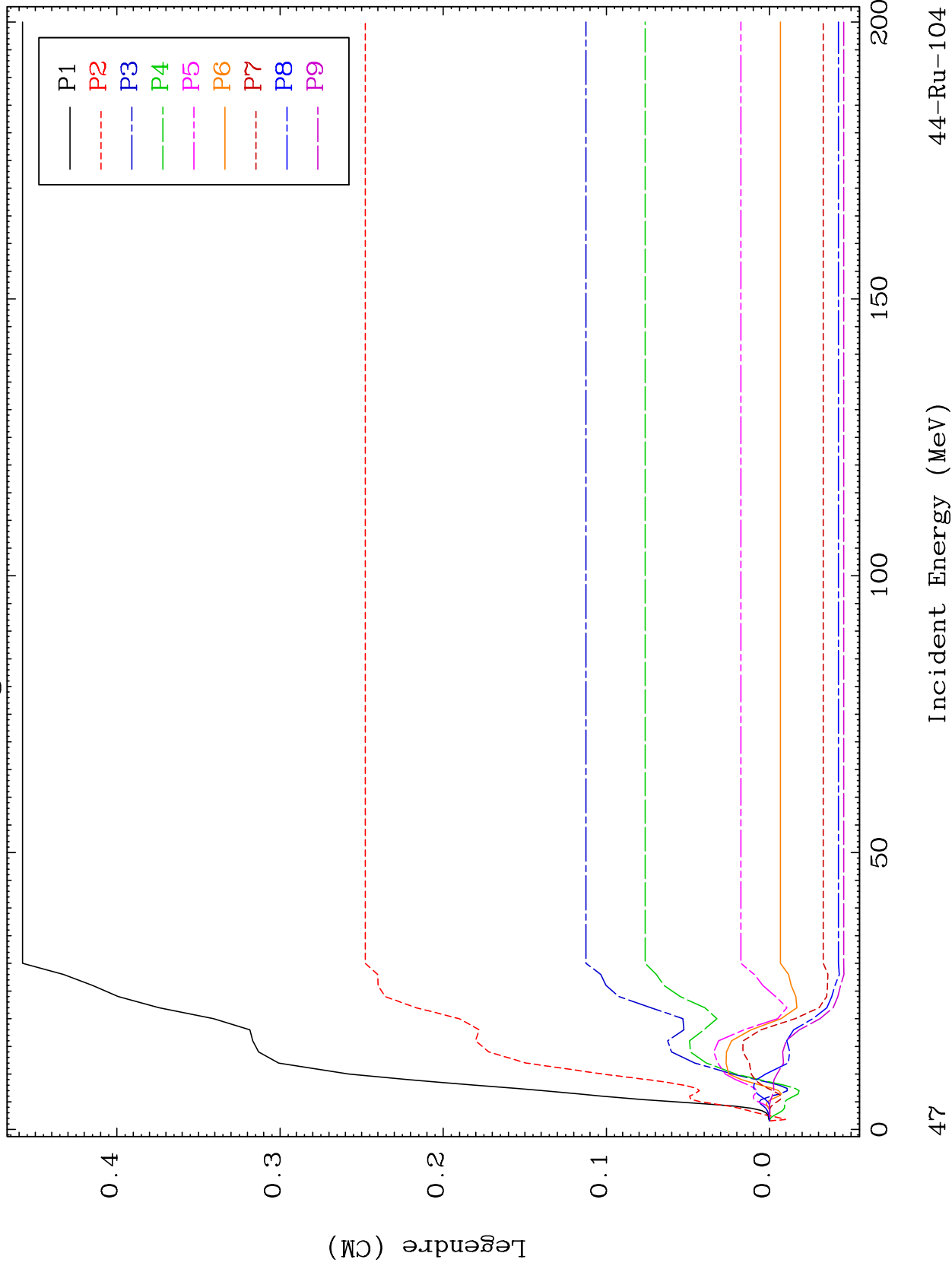
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MAT 4449

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

44-Ru-104

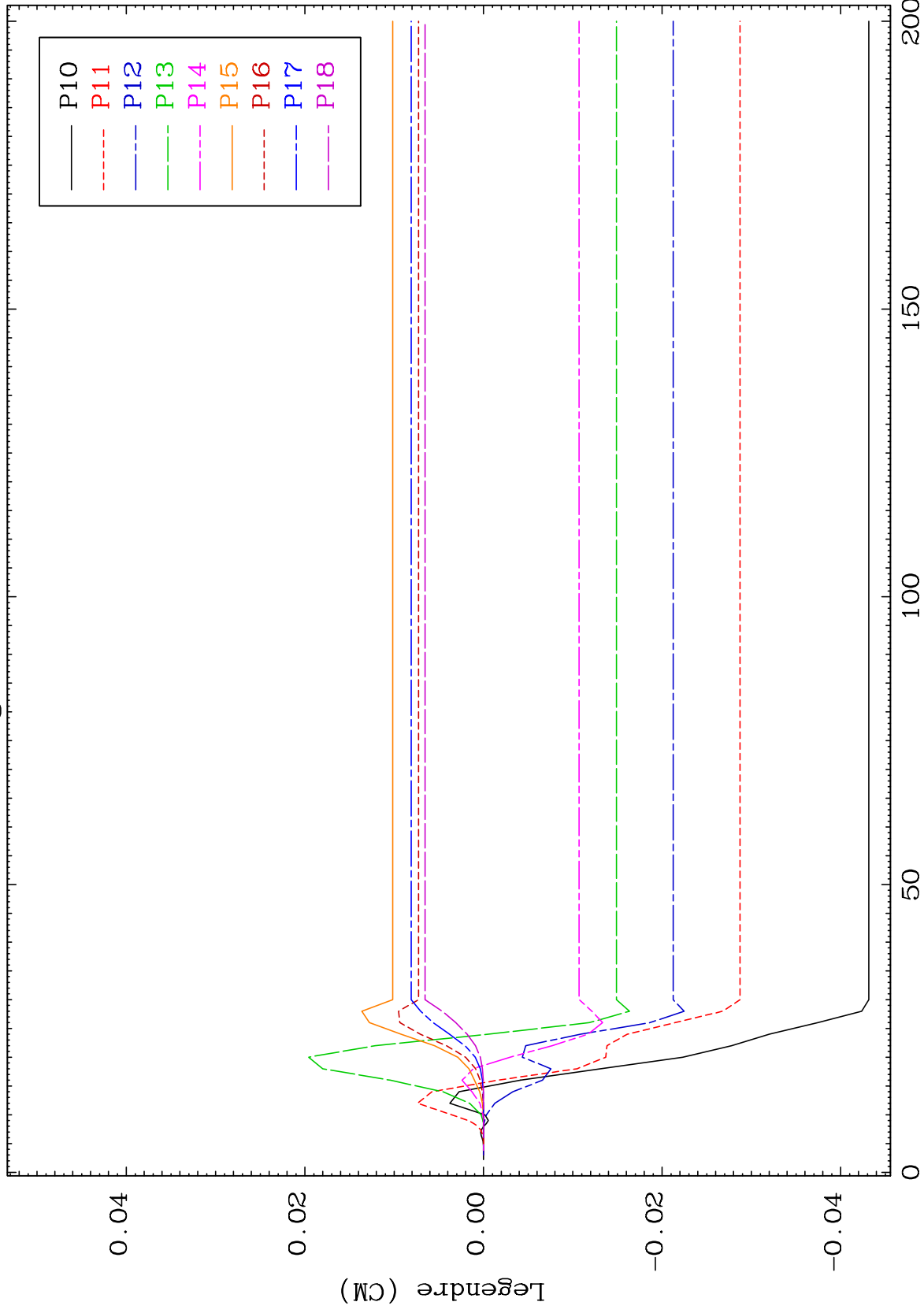




MAT 4449

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

44-Ru-104



48

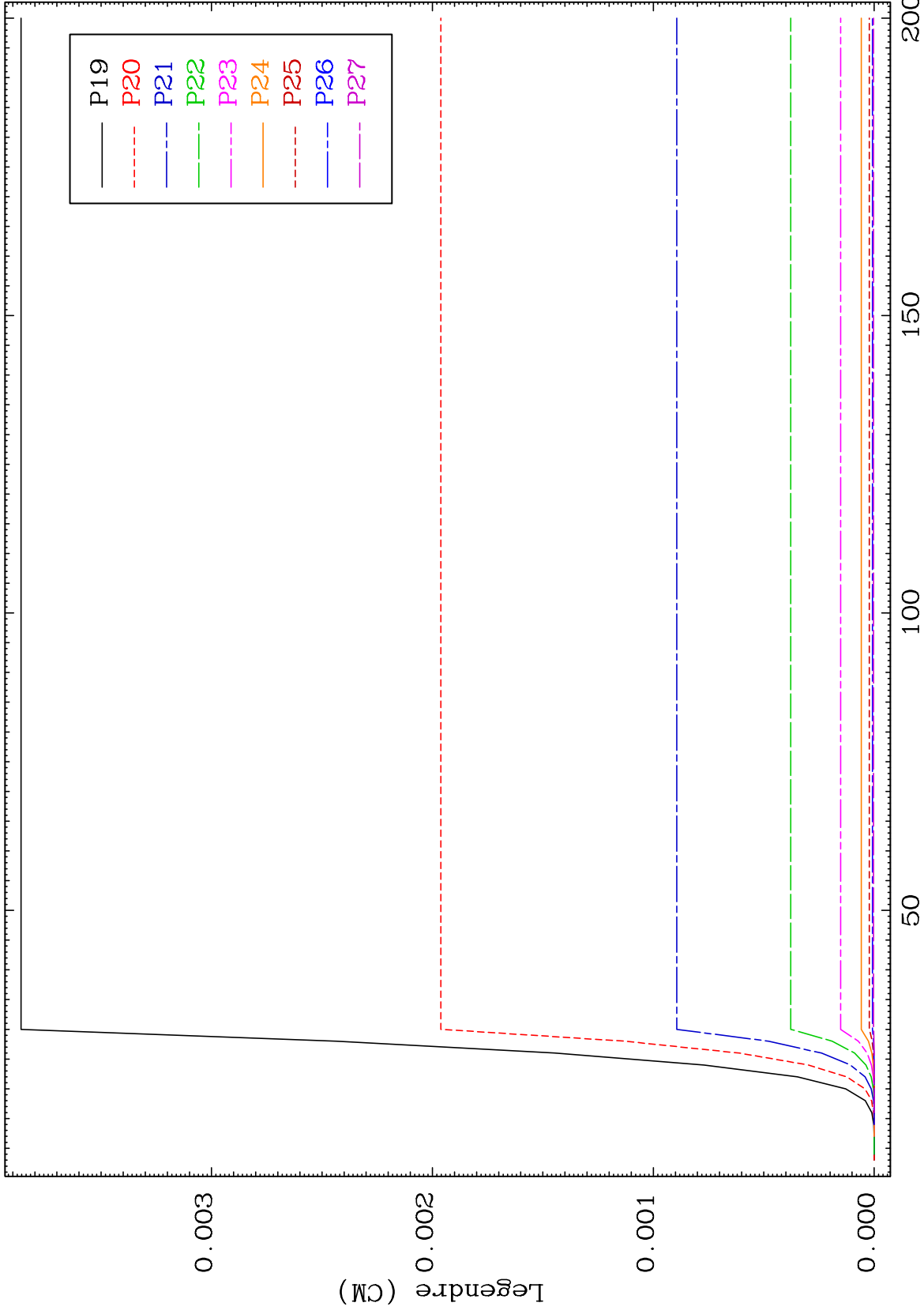
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



49

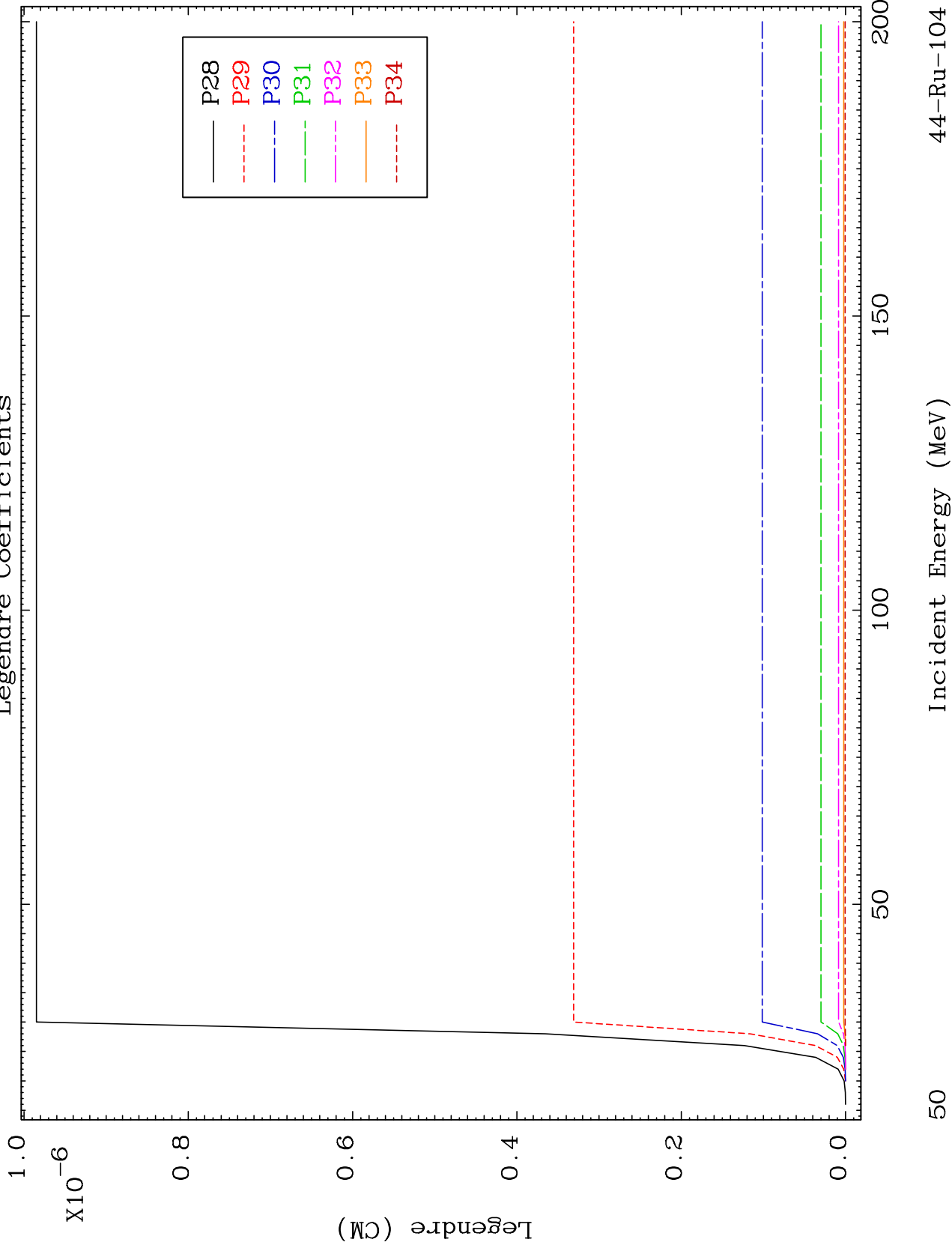
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

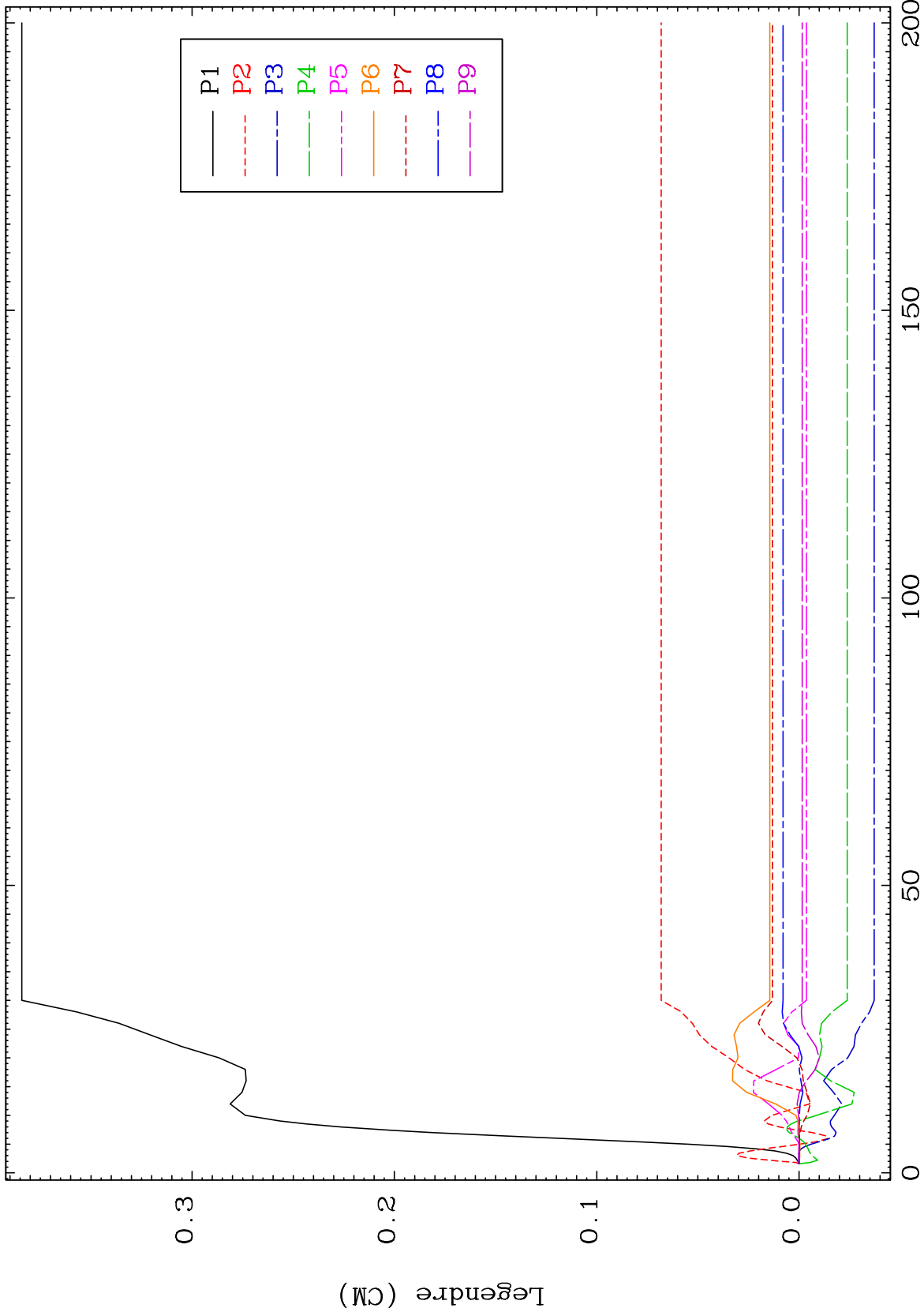
Incident Energy (MeV)

50

MAT 4449

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

44-Ru-104



51

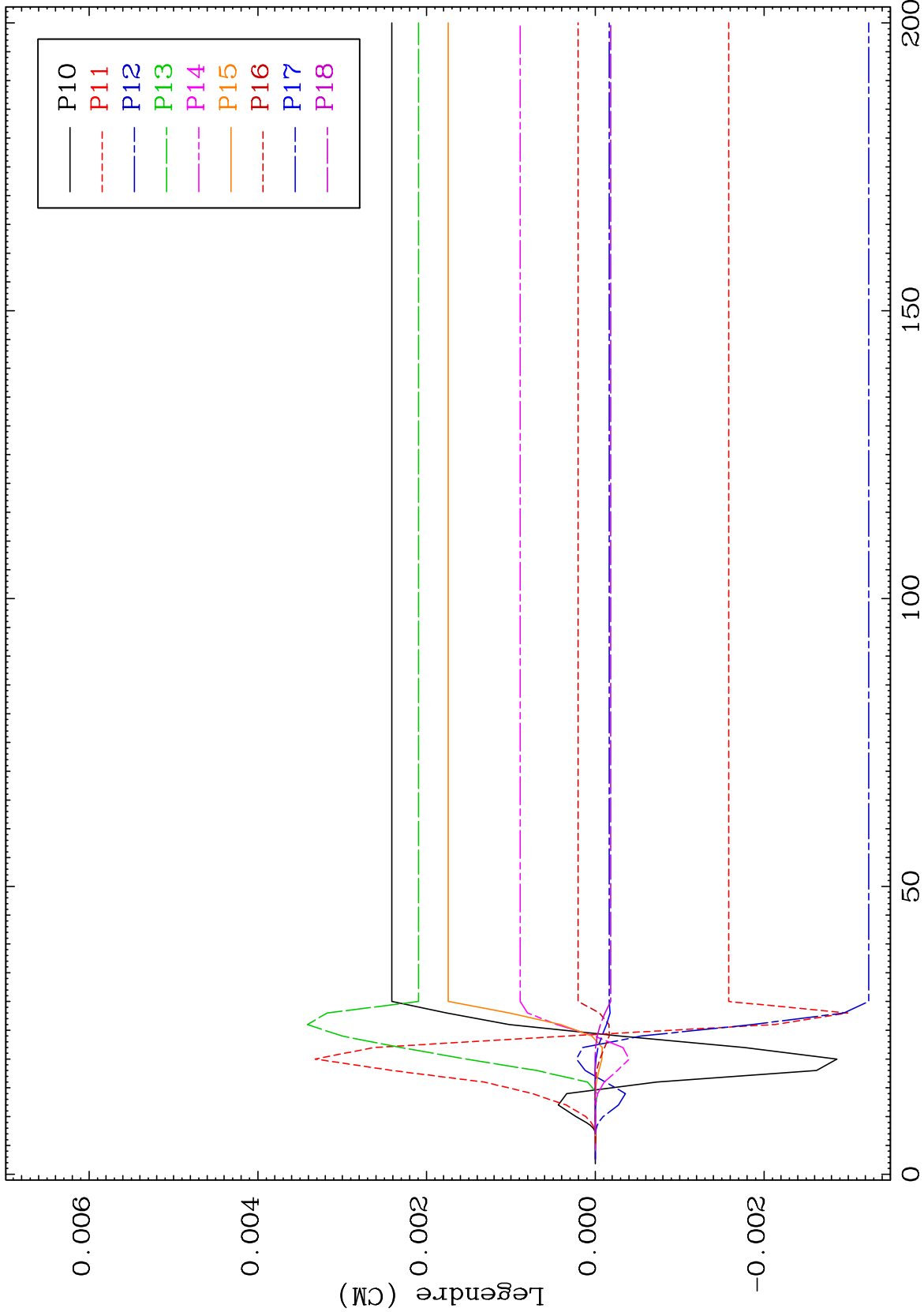
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



52

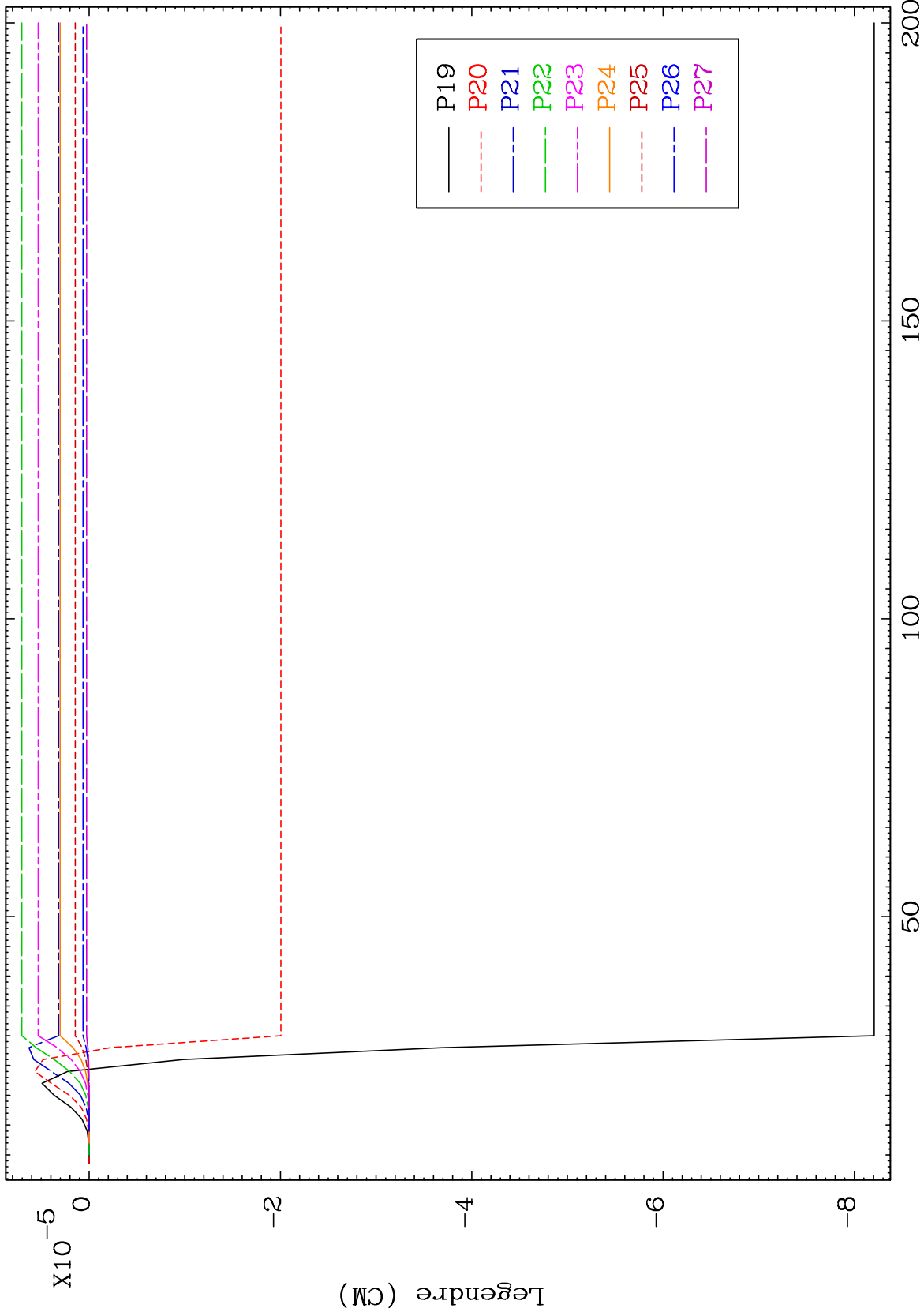
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

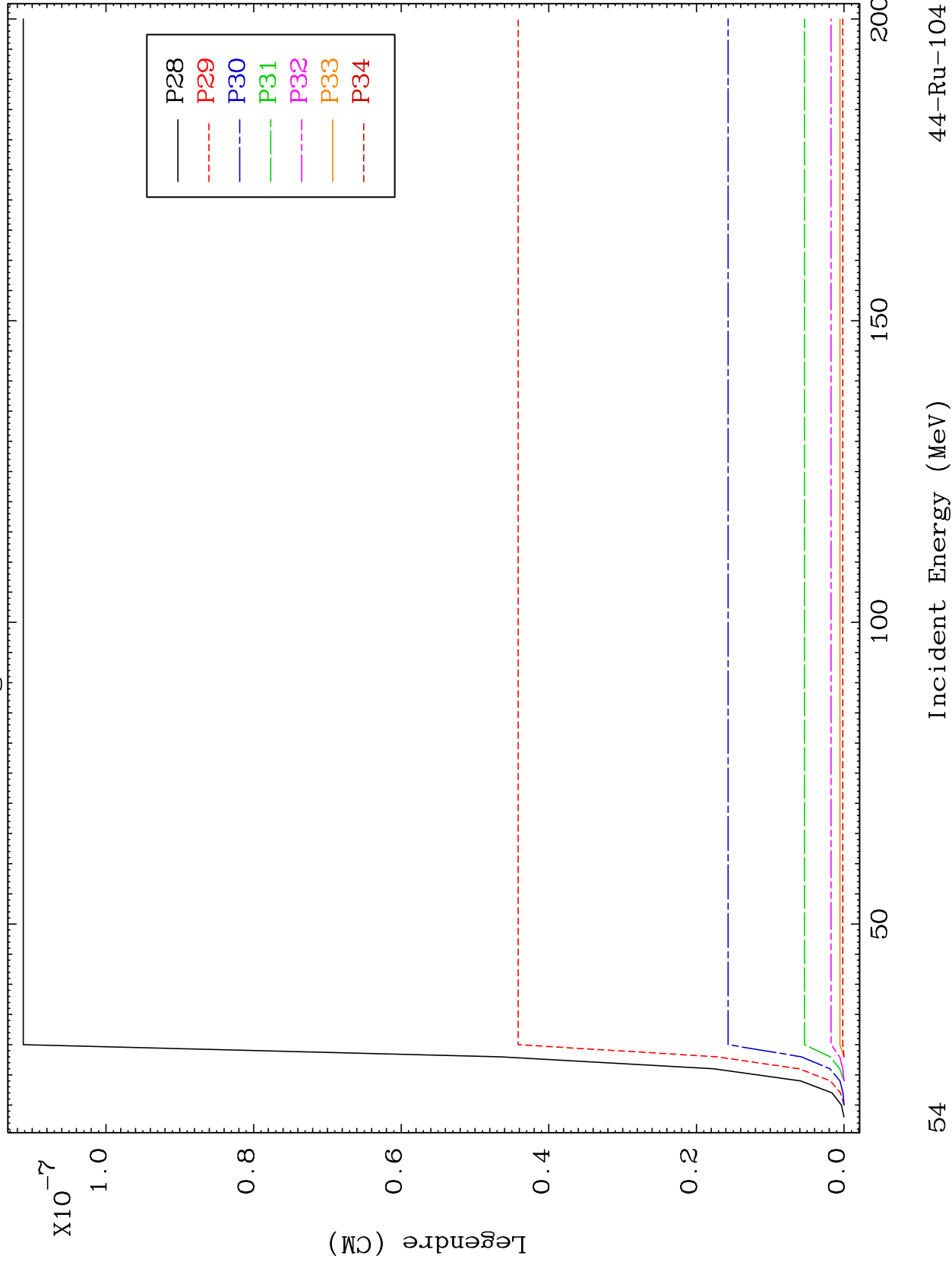
44-Ru-104



MAT 4449

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

44-Ru-104



54

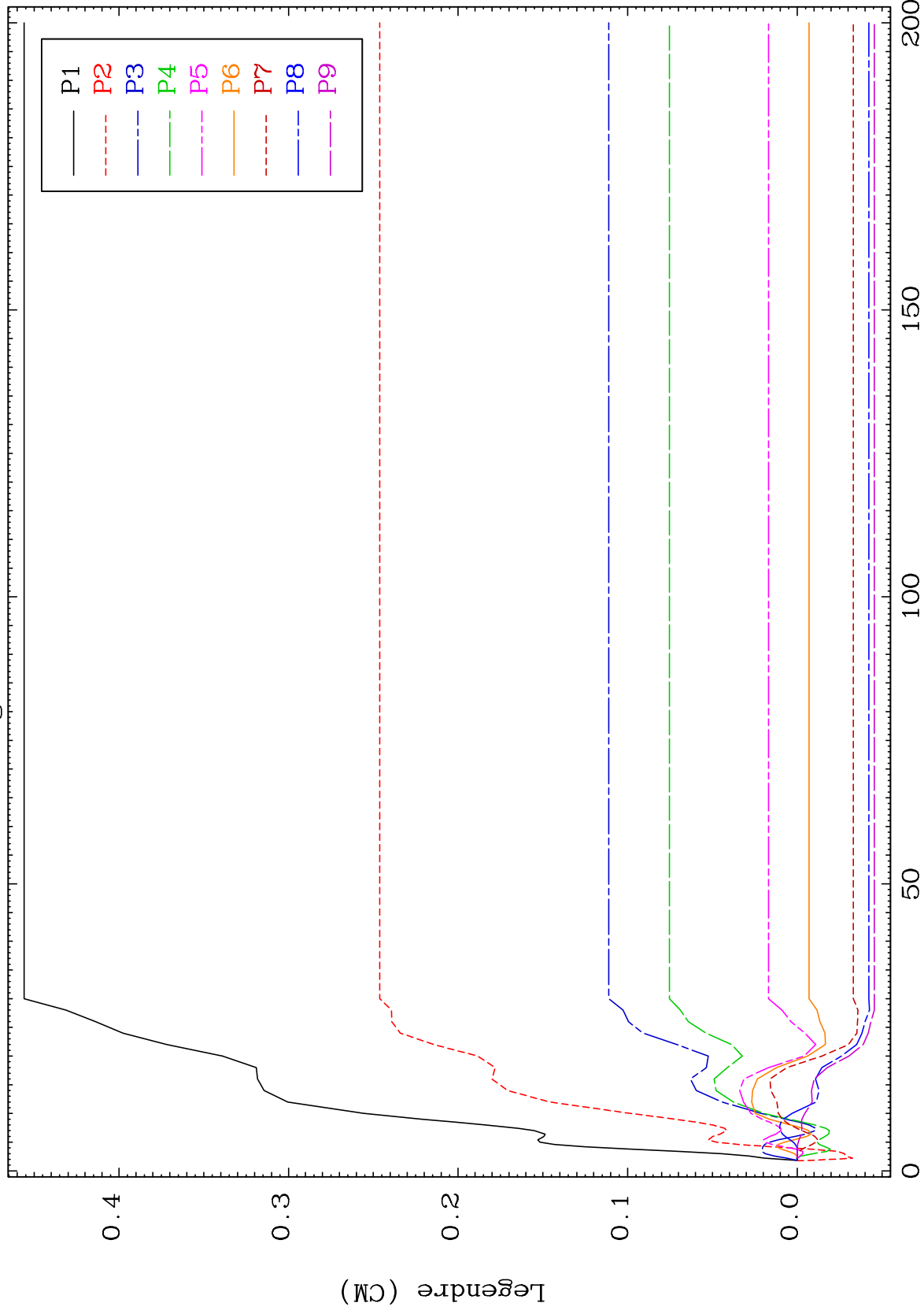
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



55

Incident Energy (MeV)

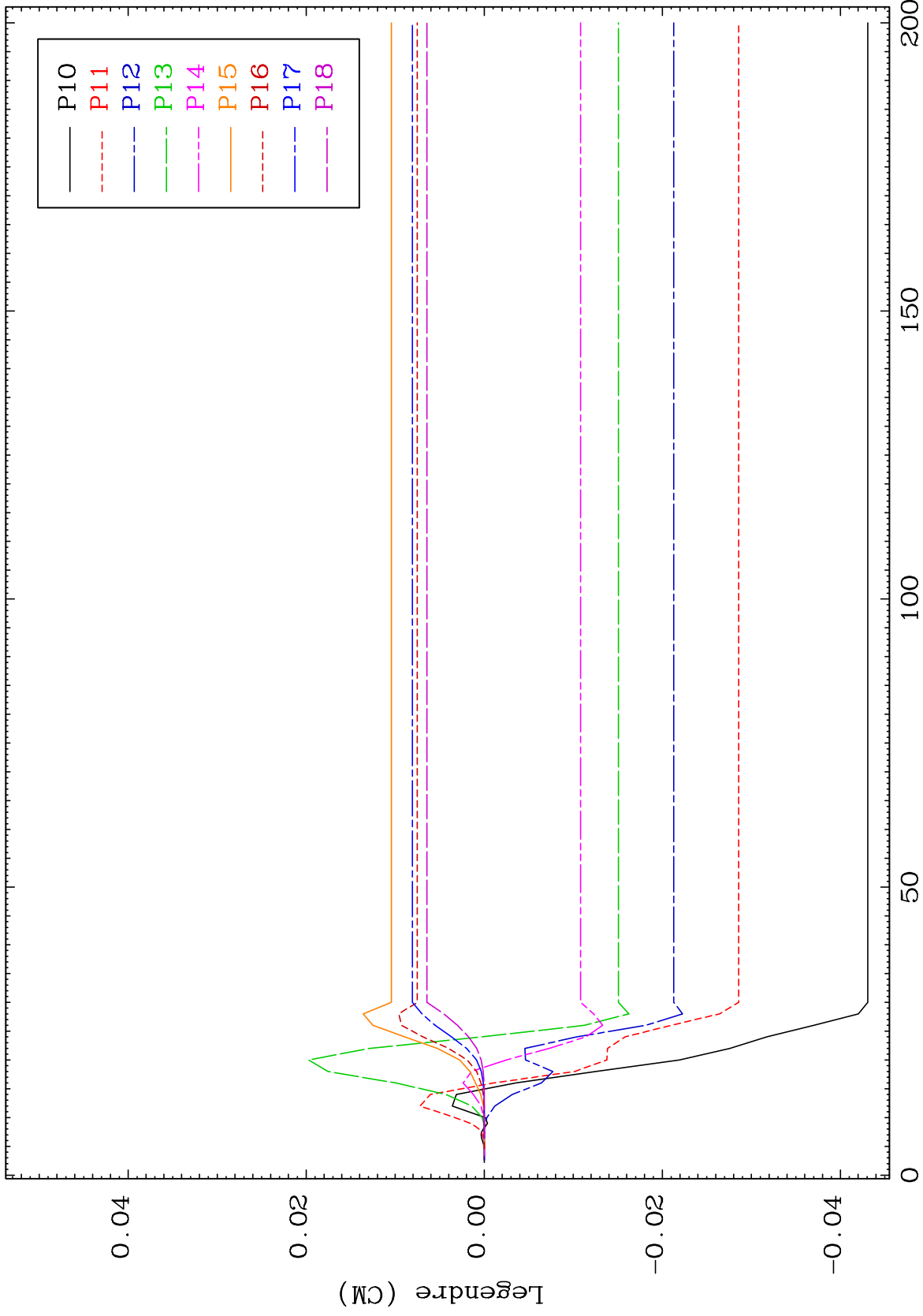
44-Ru-104



MAT 4449

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

44-Ru-104



56

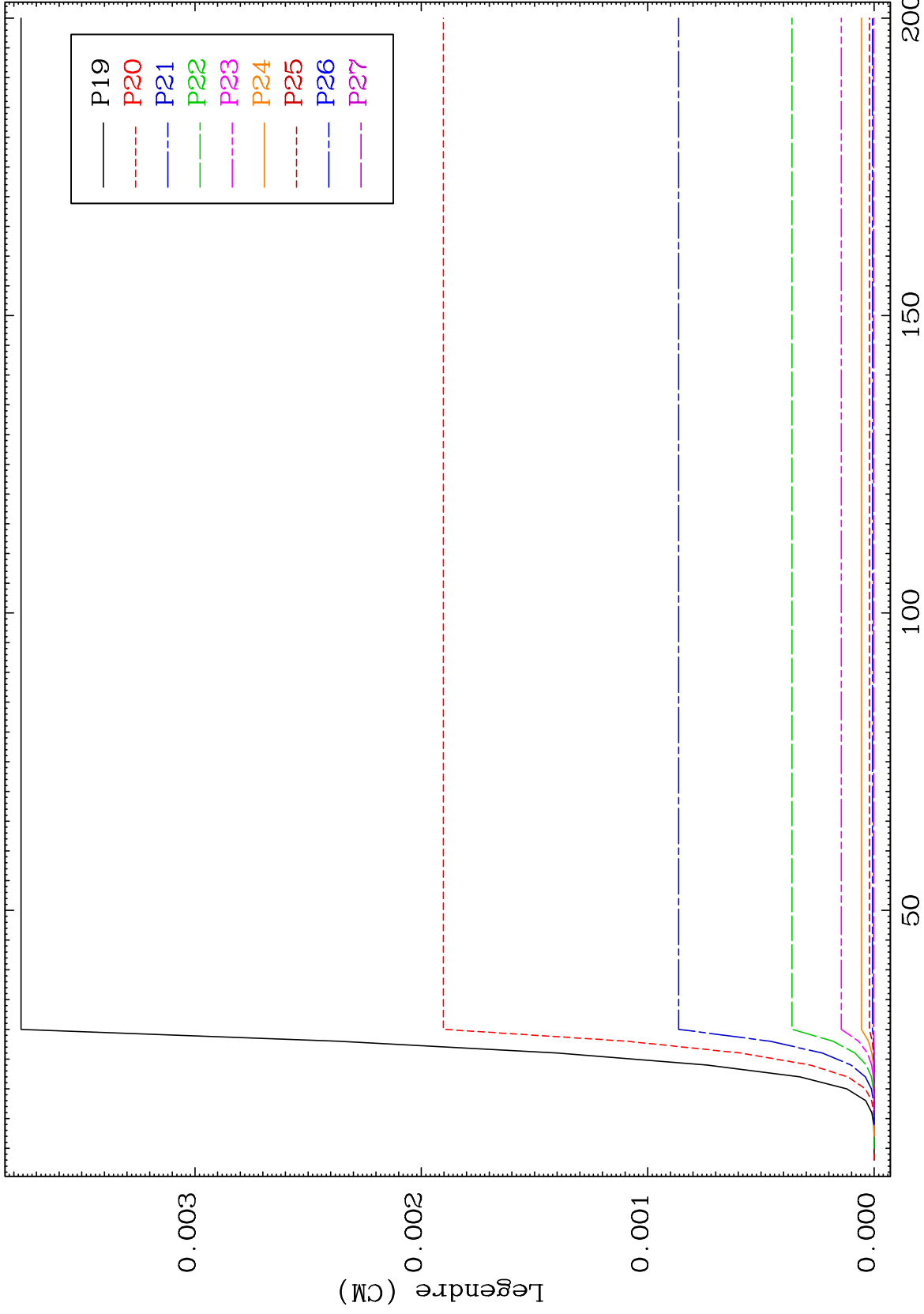
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



57

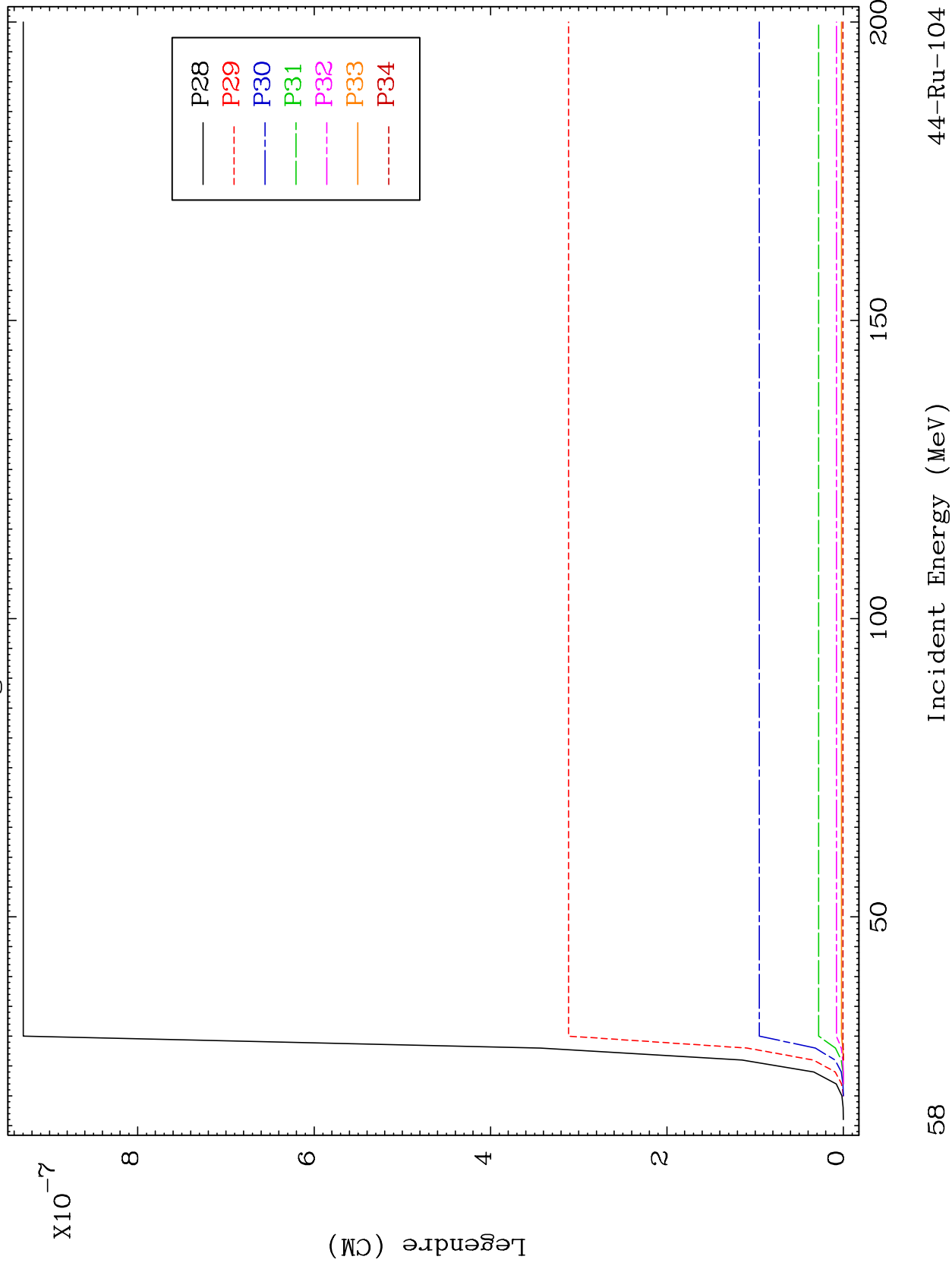
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



58

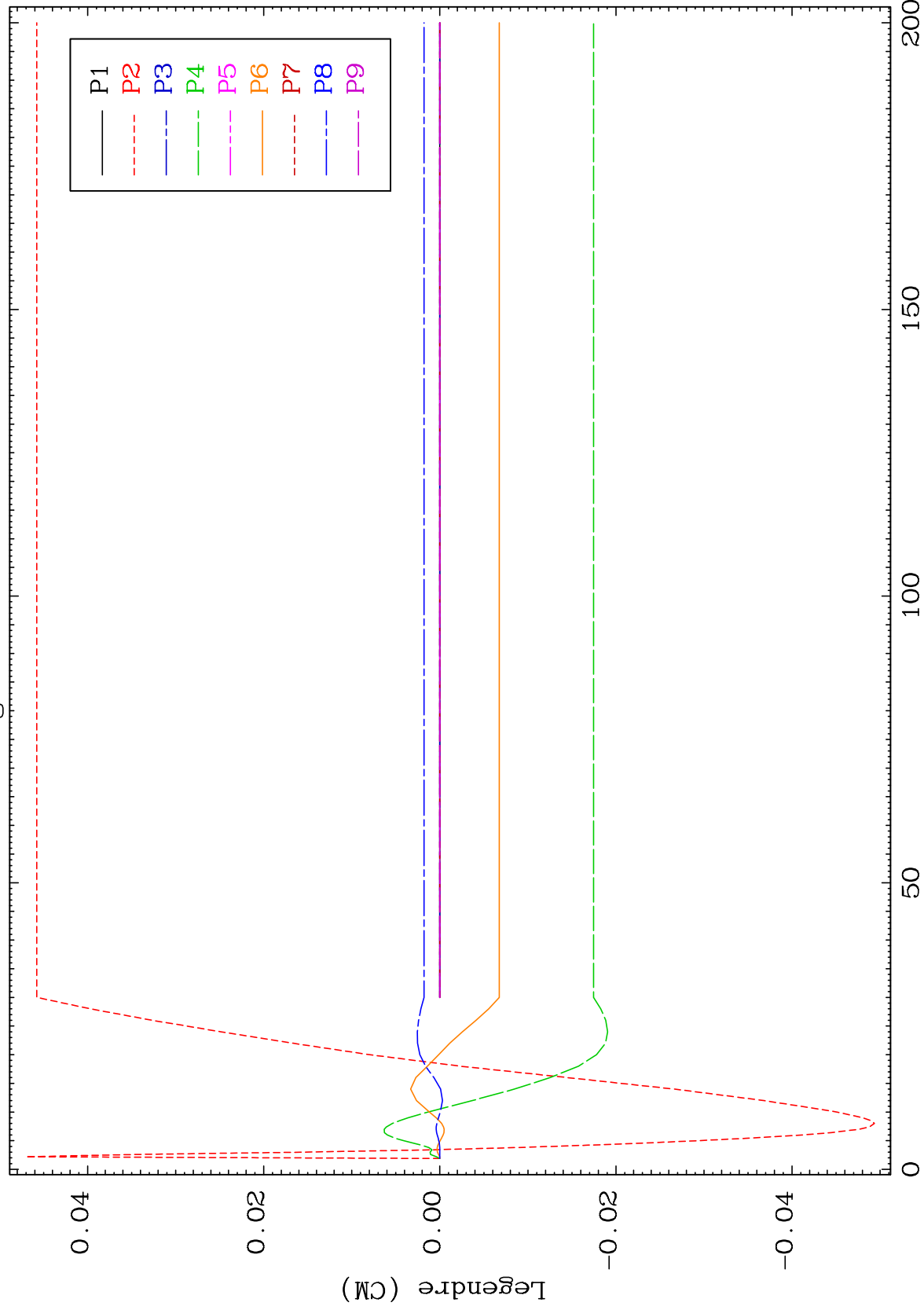
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



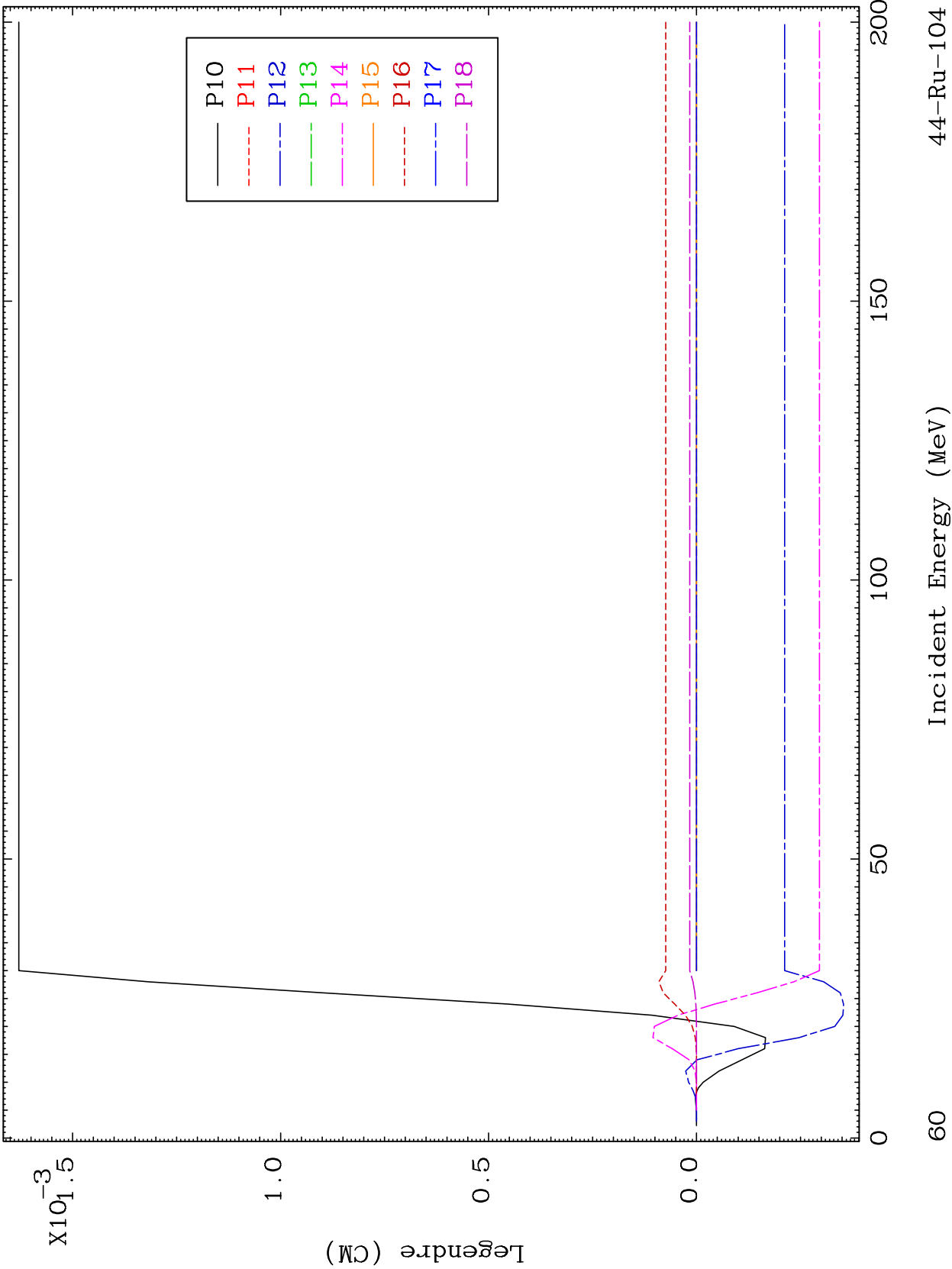
59

44-Ru-104

MAT 4449

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

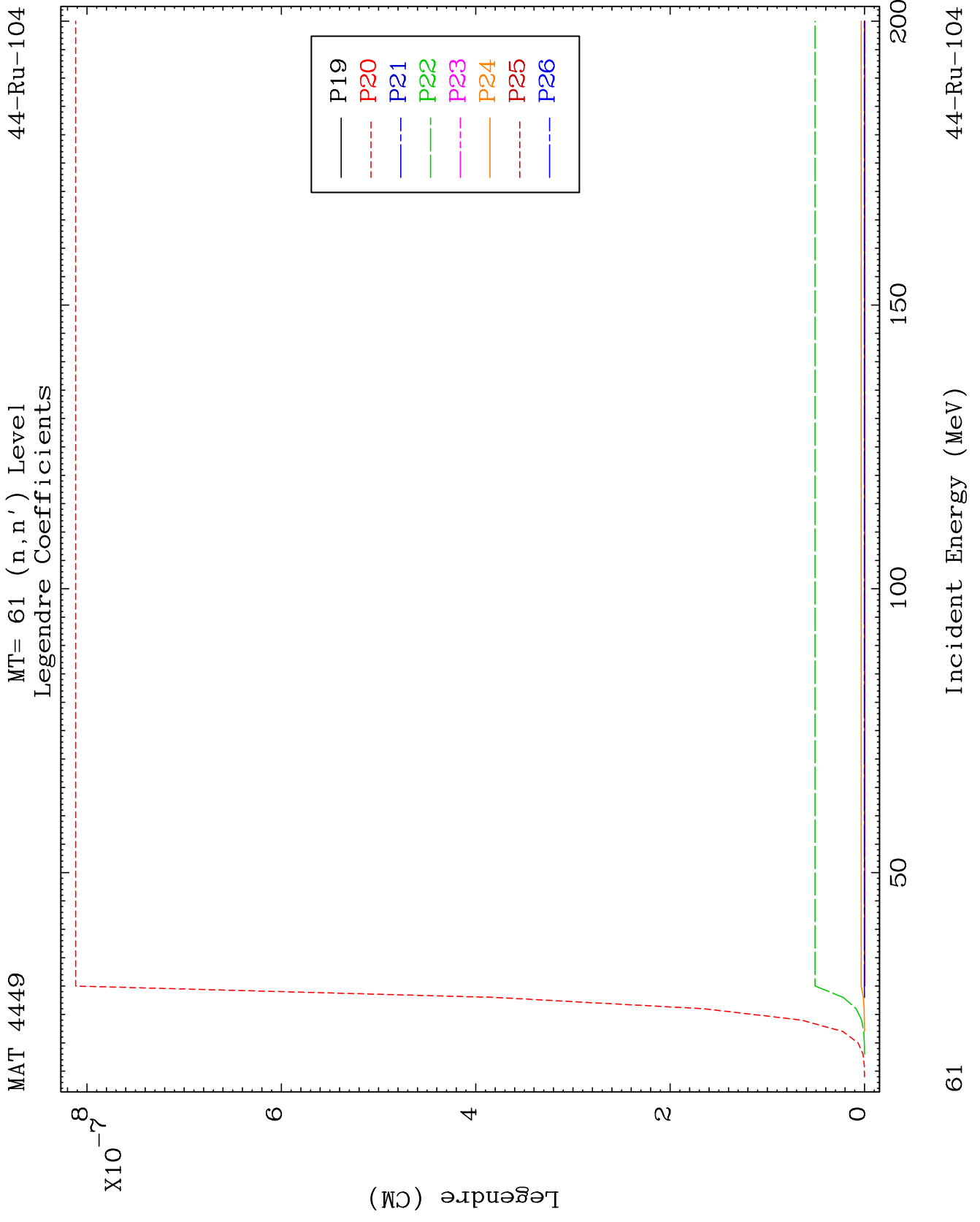
44-Ru-104



44-Ru-104

Incident Energy (MeV)

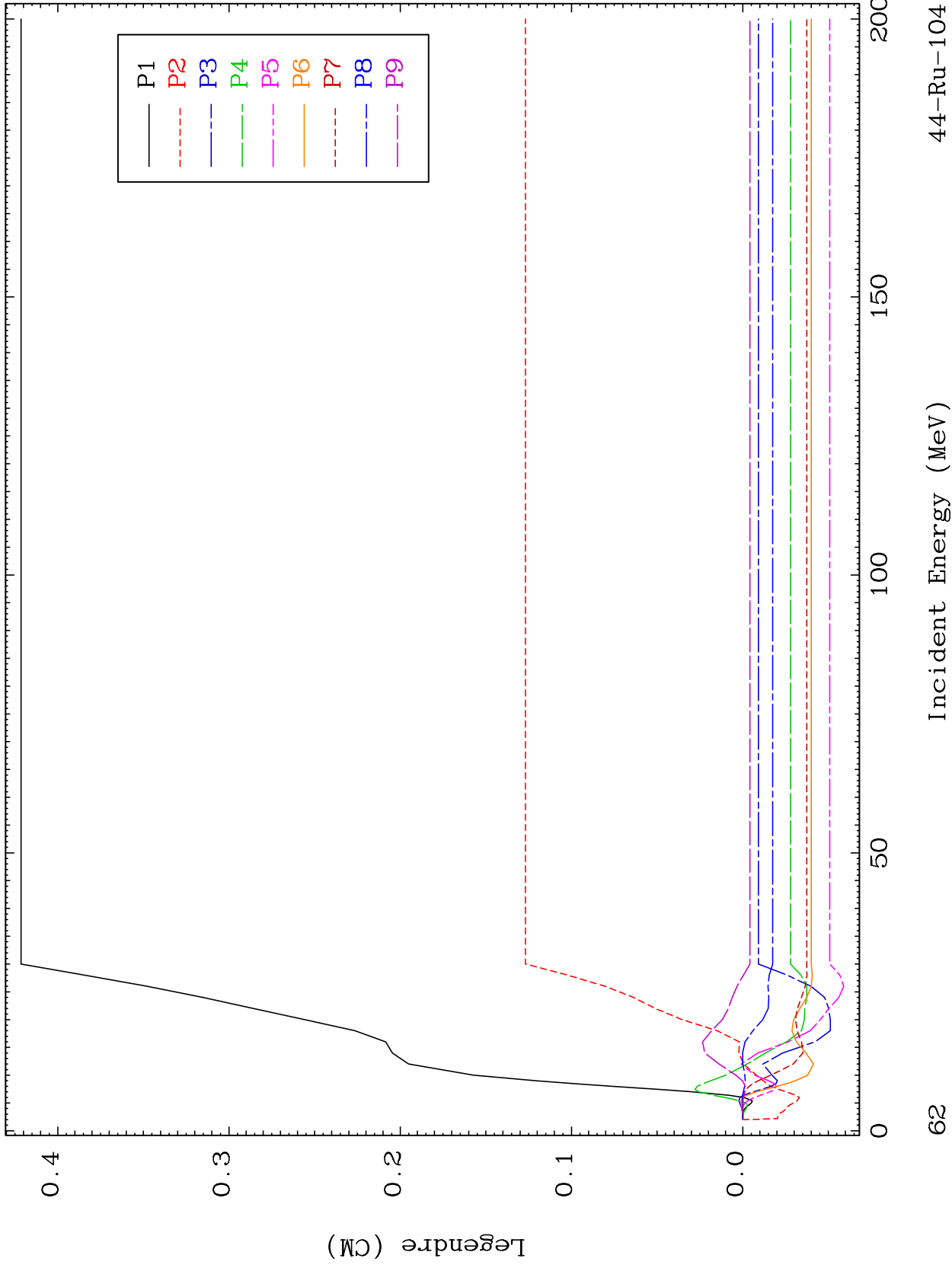
60



MAT 4449

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

44-Ru-104



44-Ru-104

Incident Energy (MeV)

62

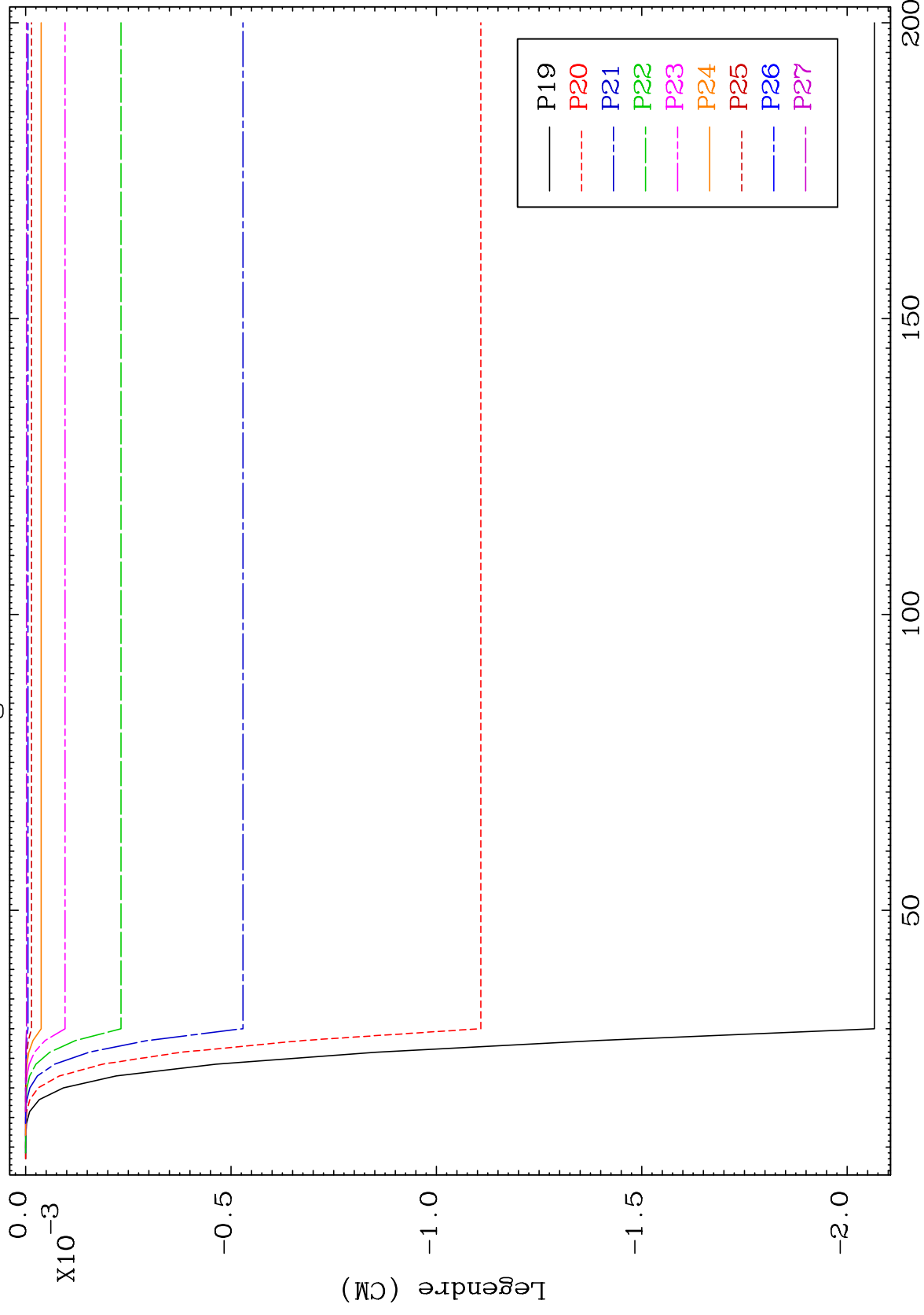




MAT 4449

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

44-Ru-104



64

Incident Energy (MeV)

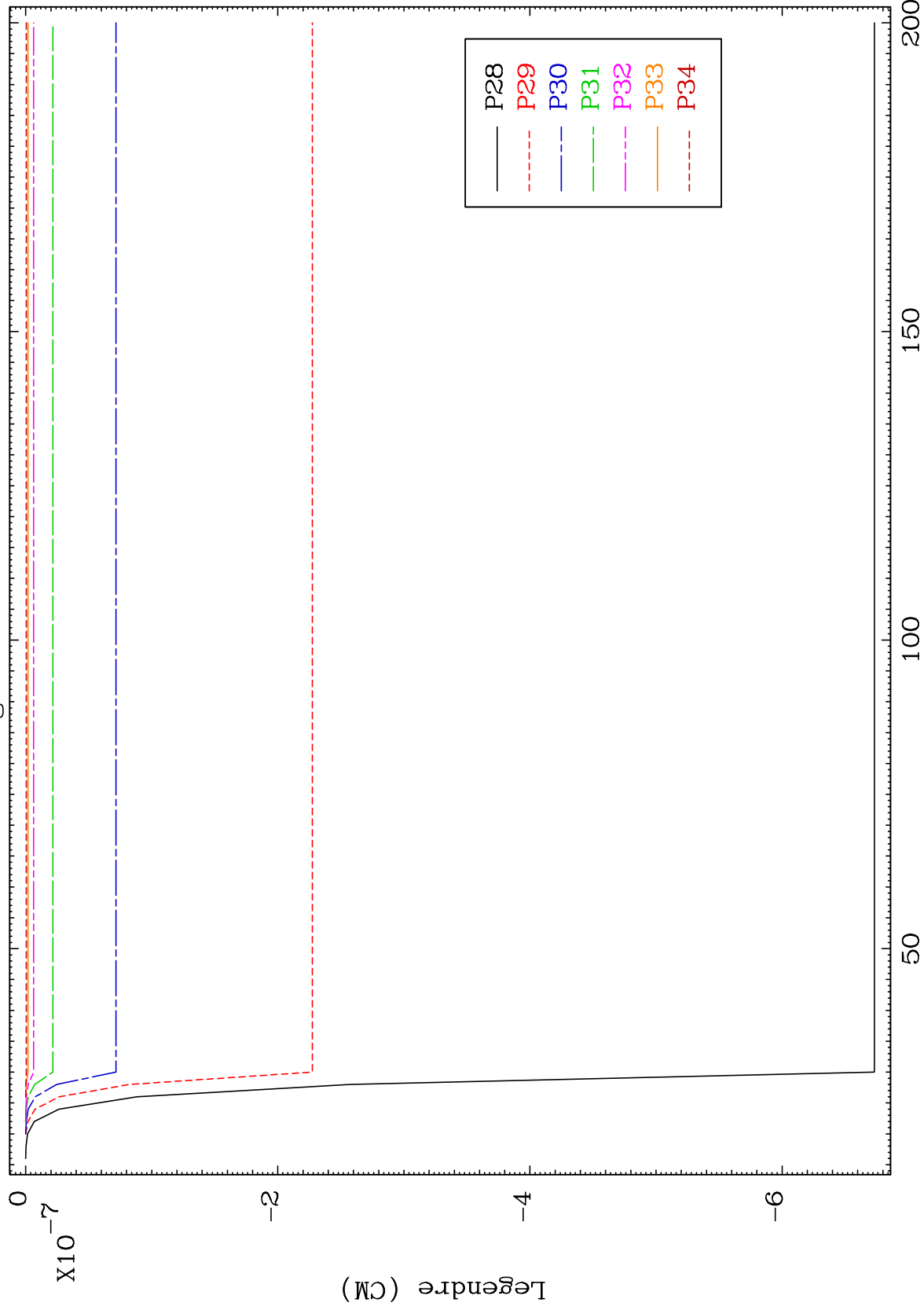
44-Ru-104

MAT 4449

MT= 62 (n,n') Level

44-Ru-104

Legendre Coefficients



65

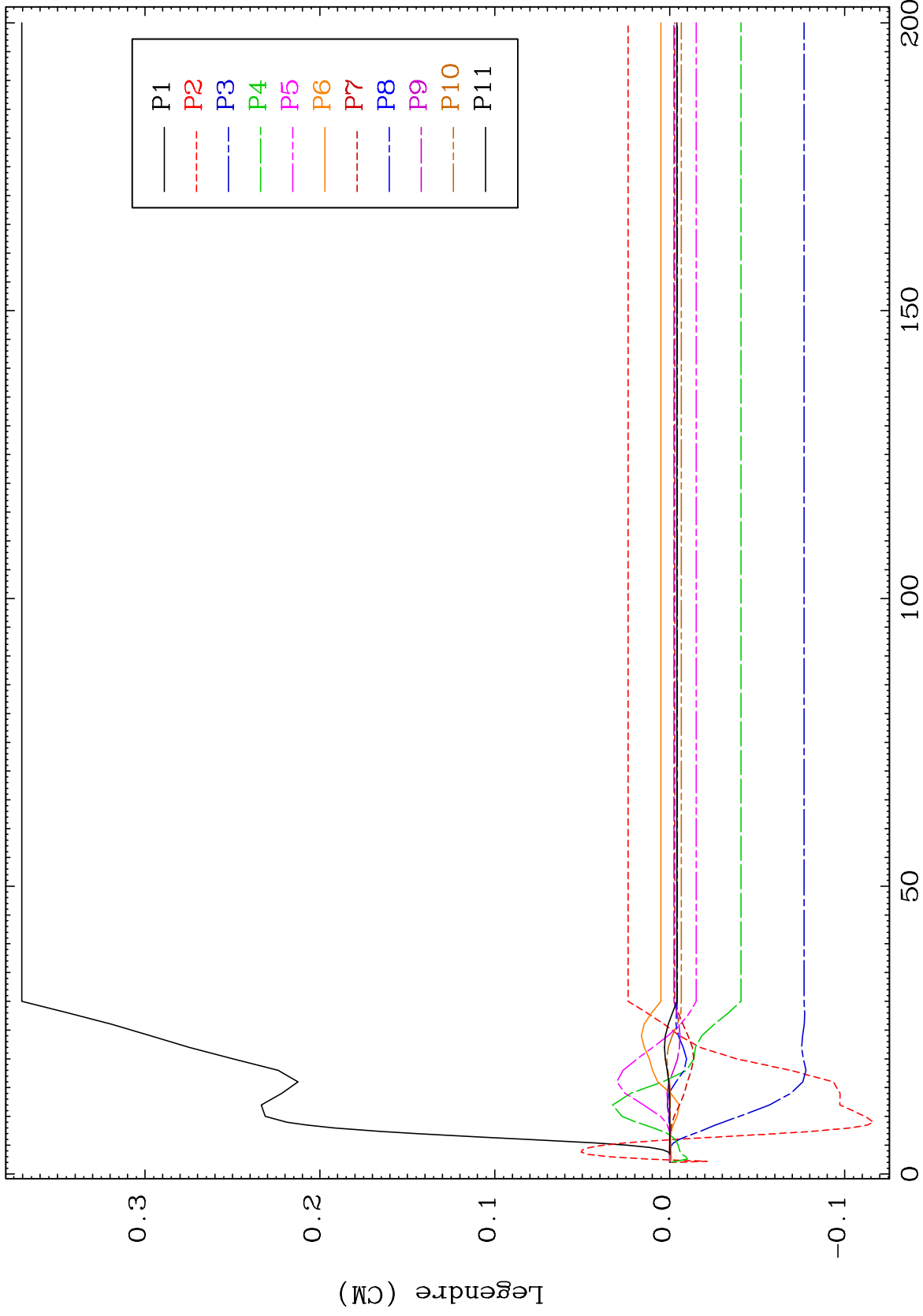
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



66

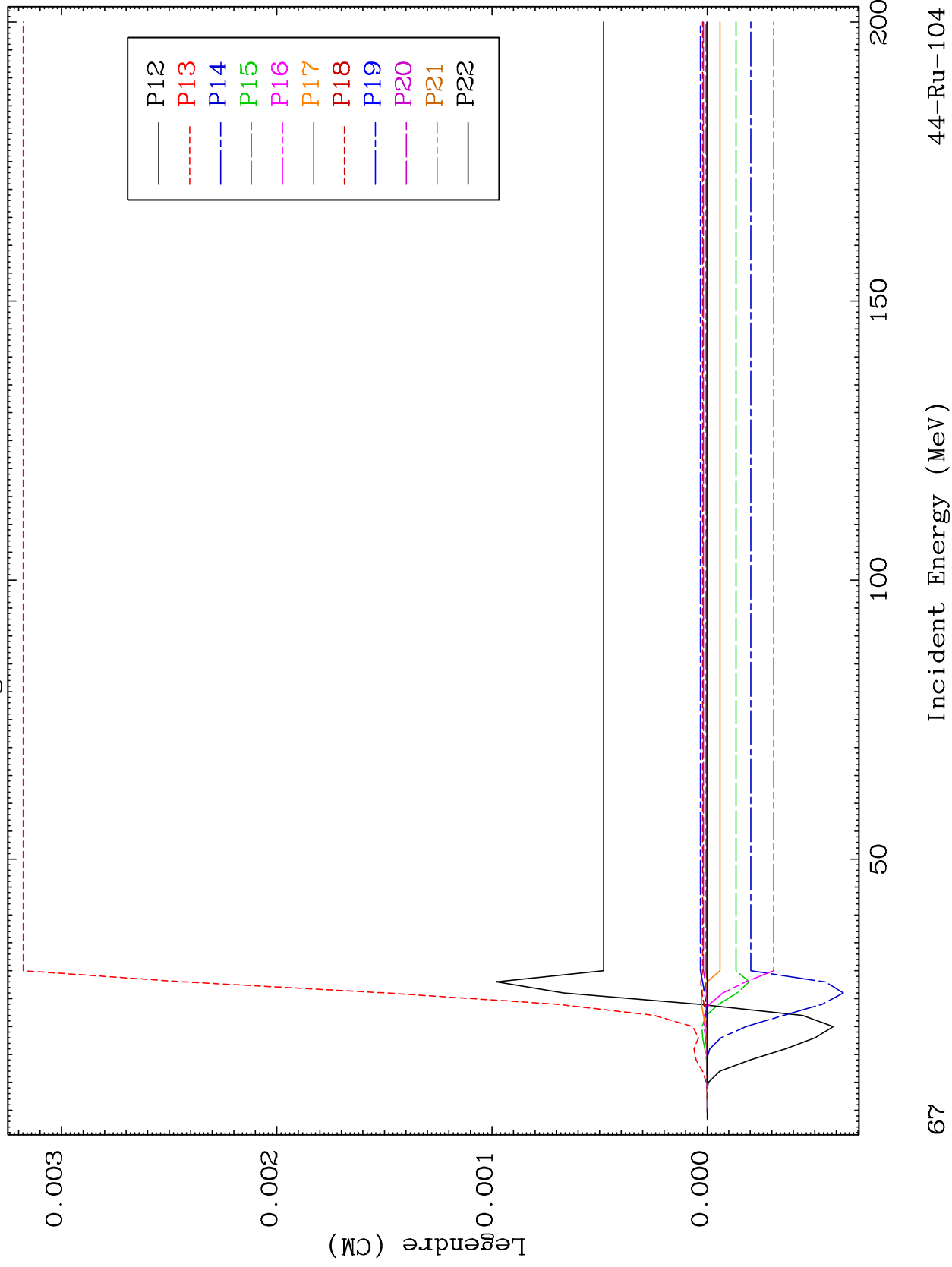
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



67

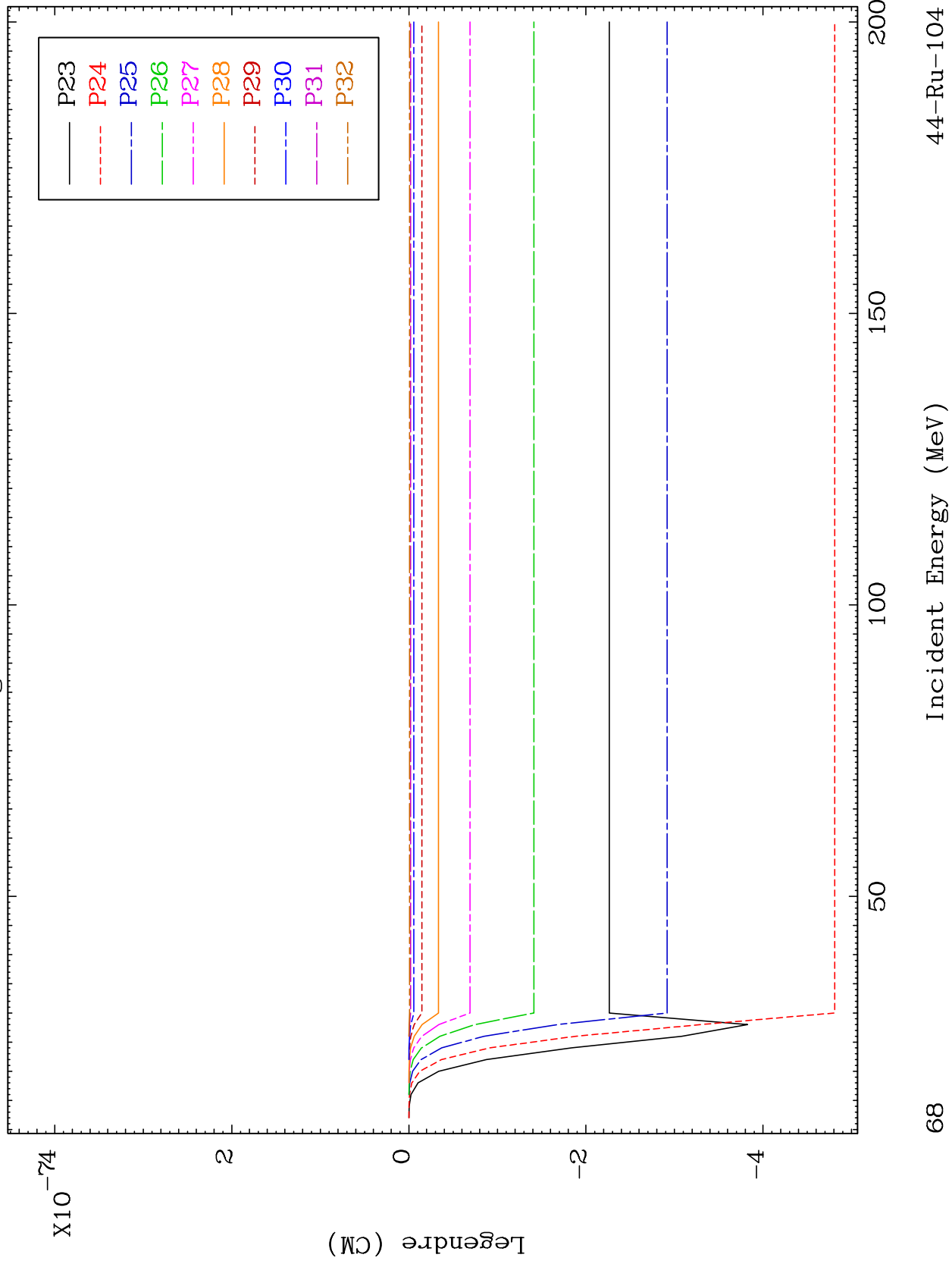
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

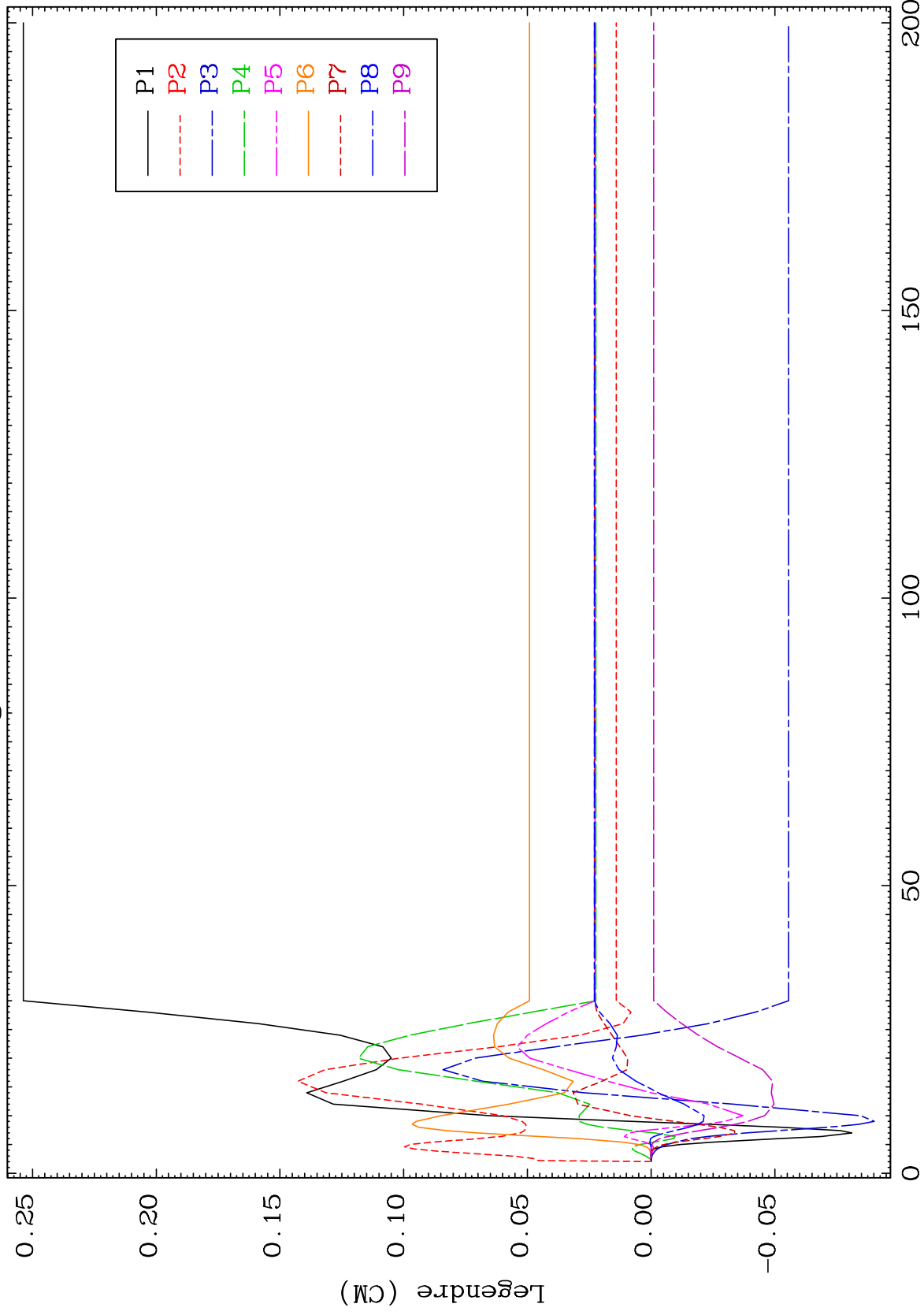
44-Ru-104



MAT 4449

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

44-Ru-104



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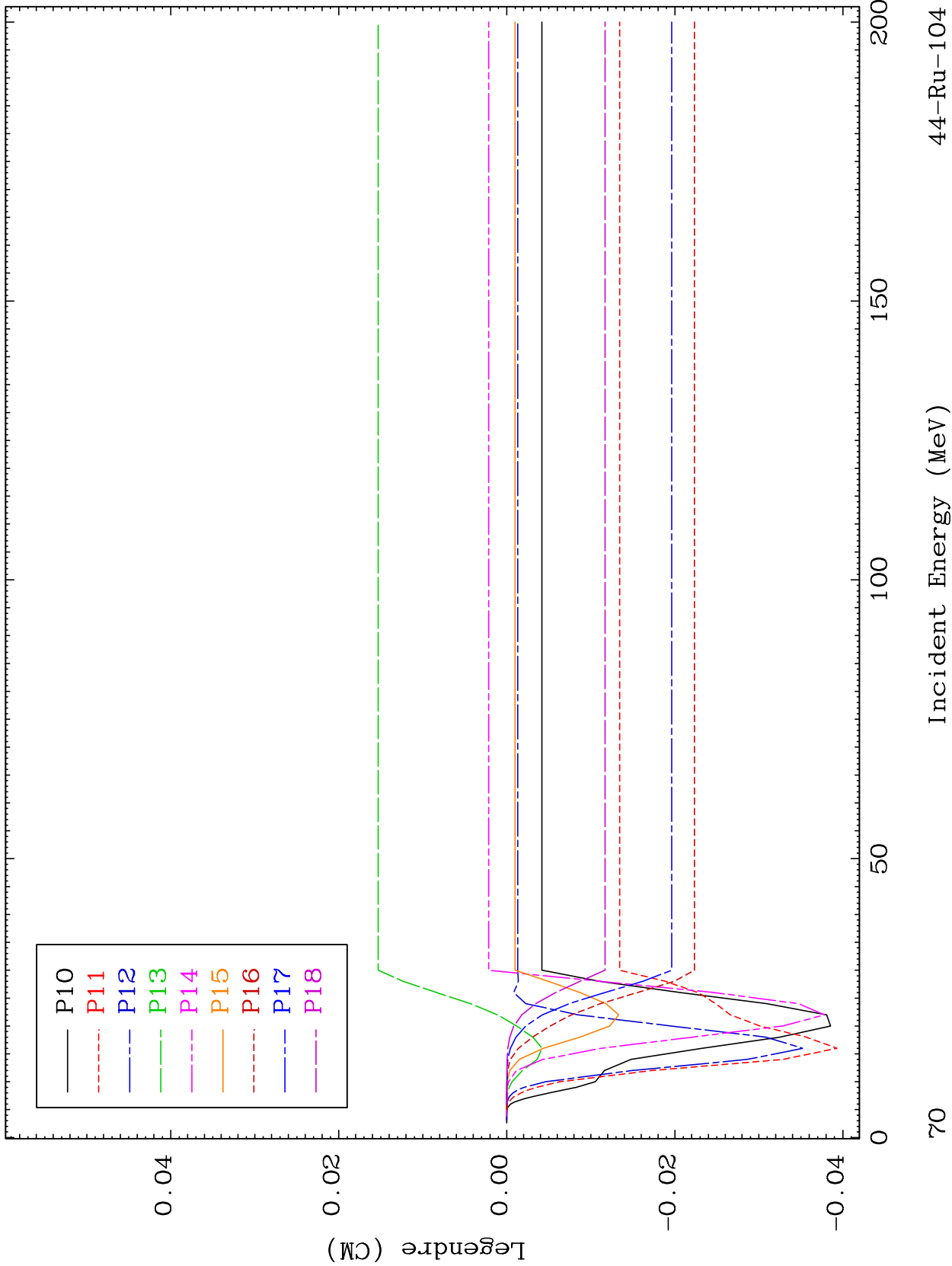
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

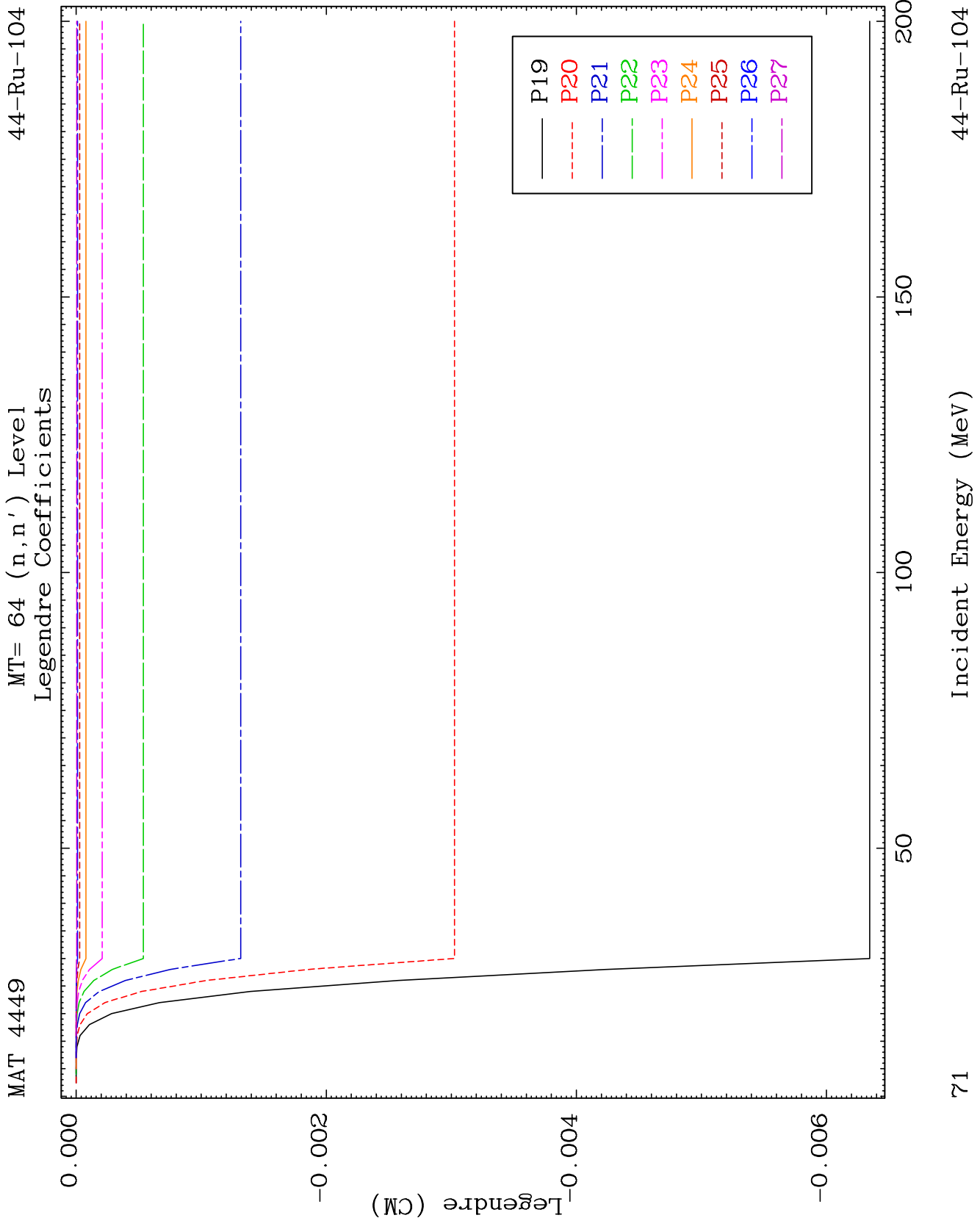
44-Ru-104



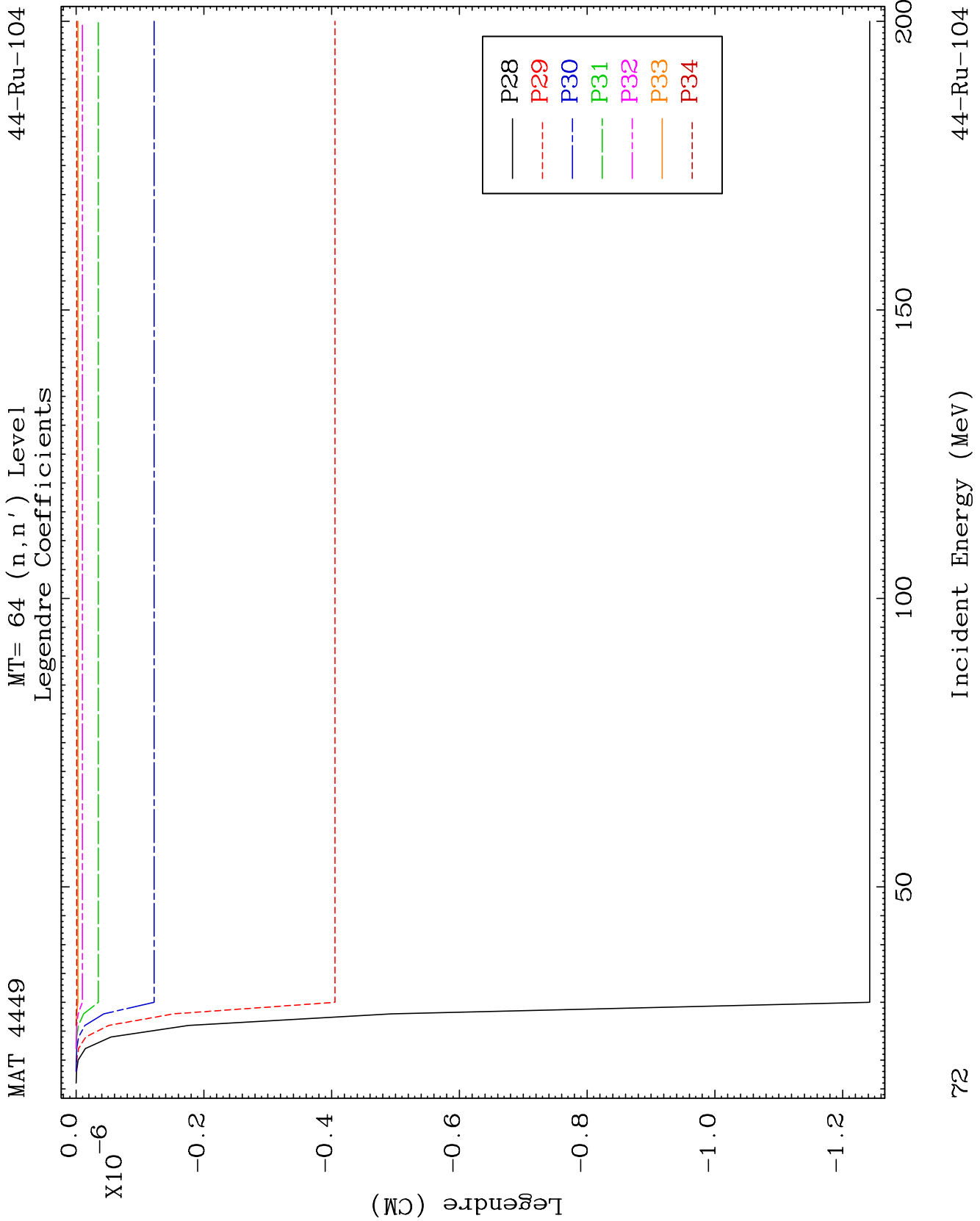
70

Incident Energy (MeV)

44-Ru-104



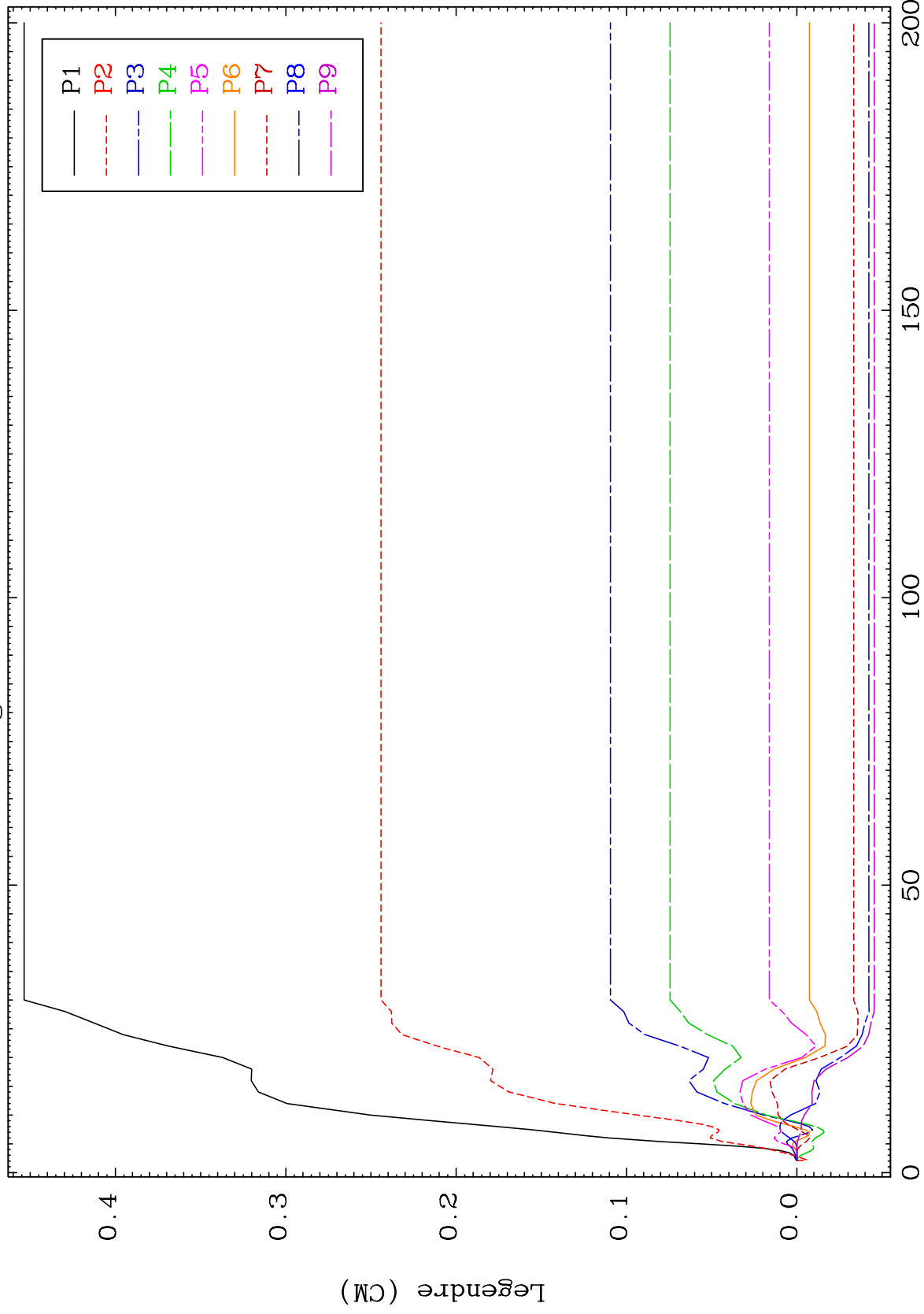




MAT 4449

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

44-Ru-104



73

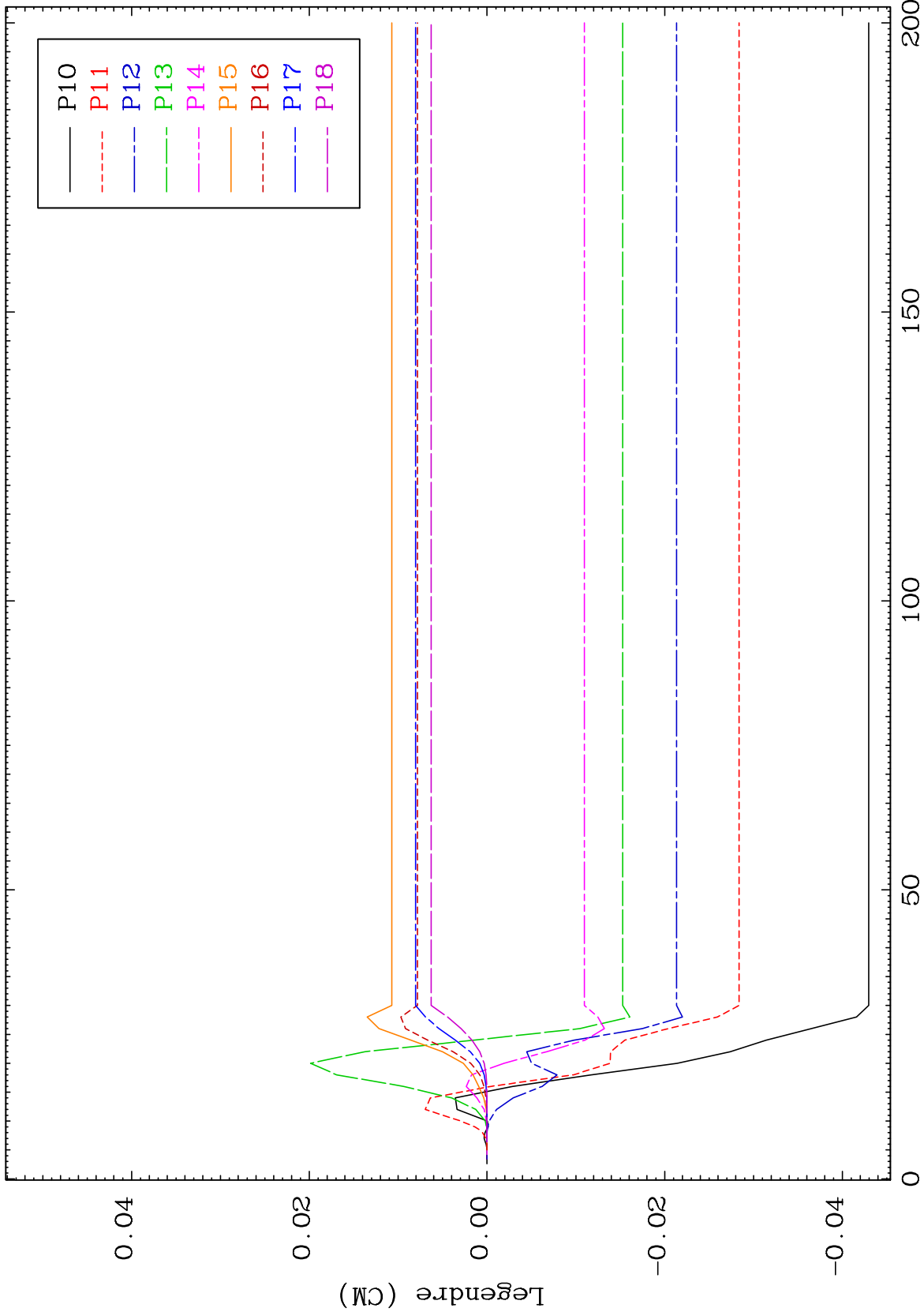
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



74

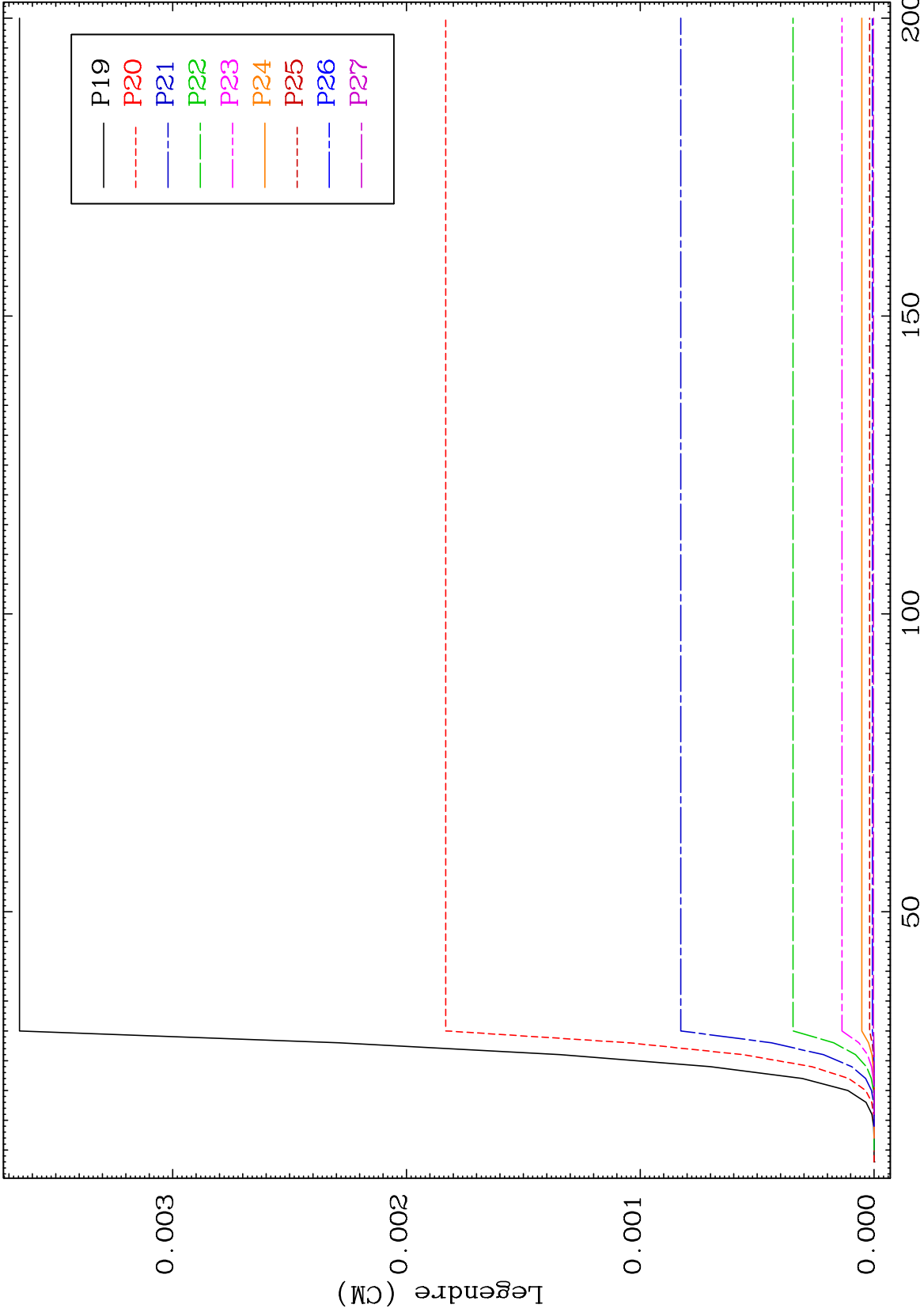
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



75

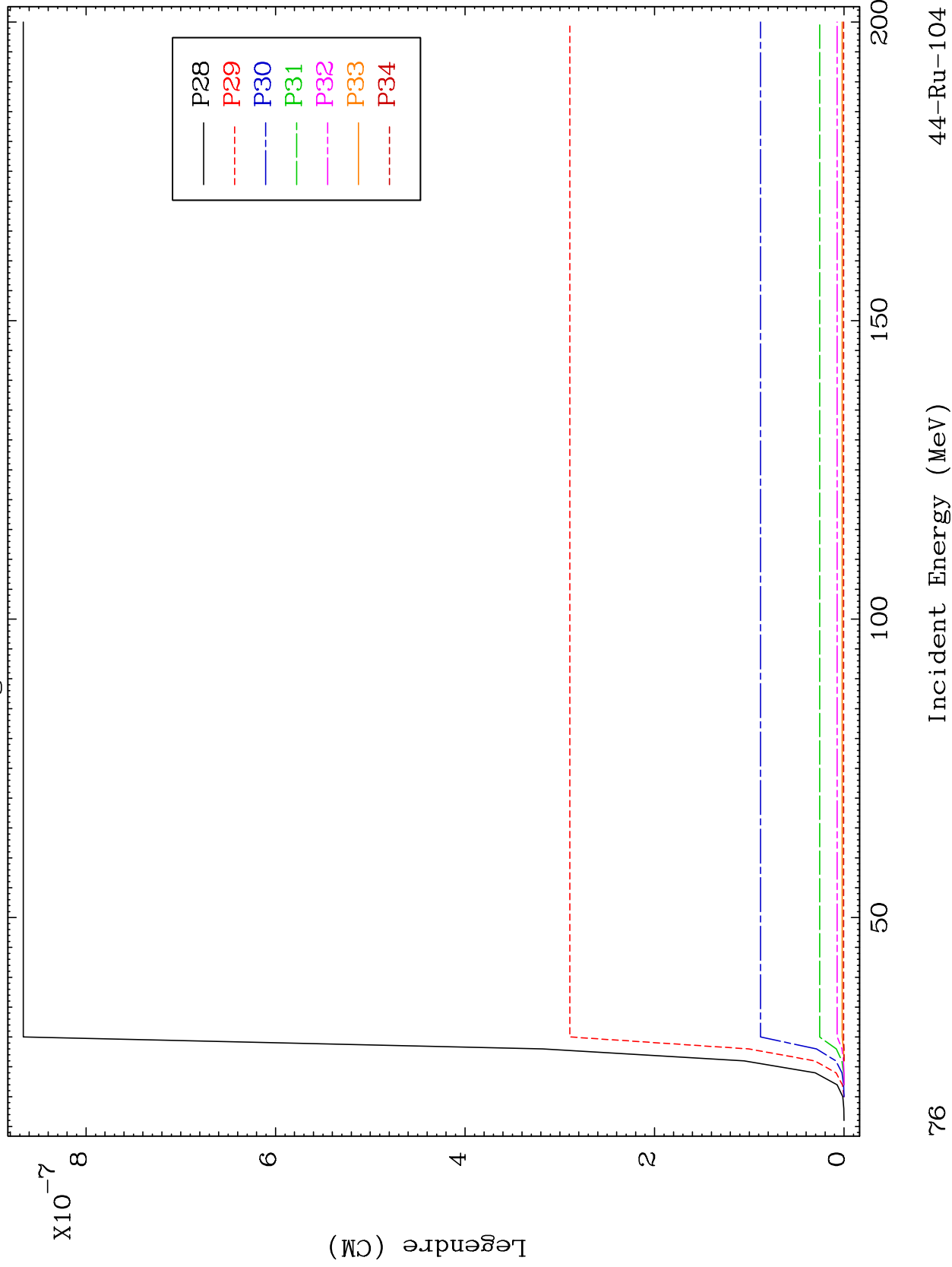
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



76

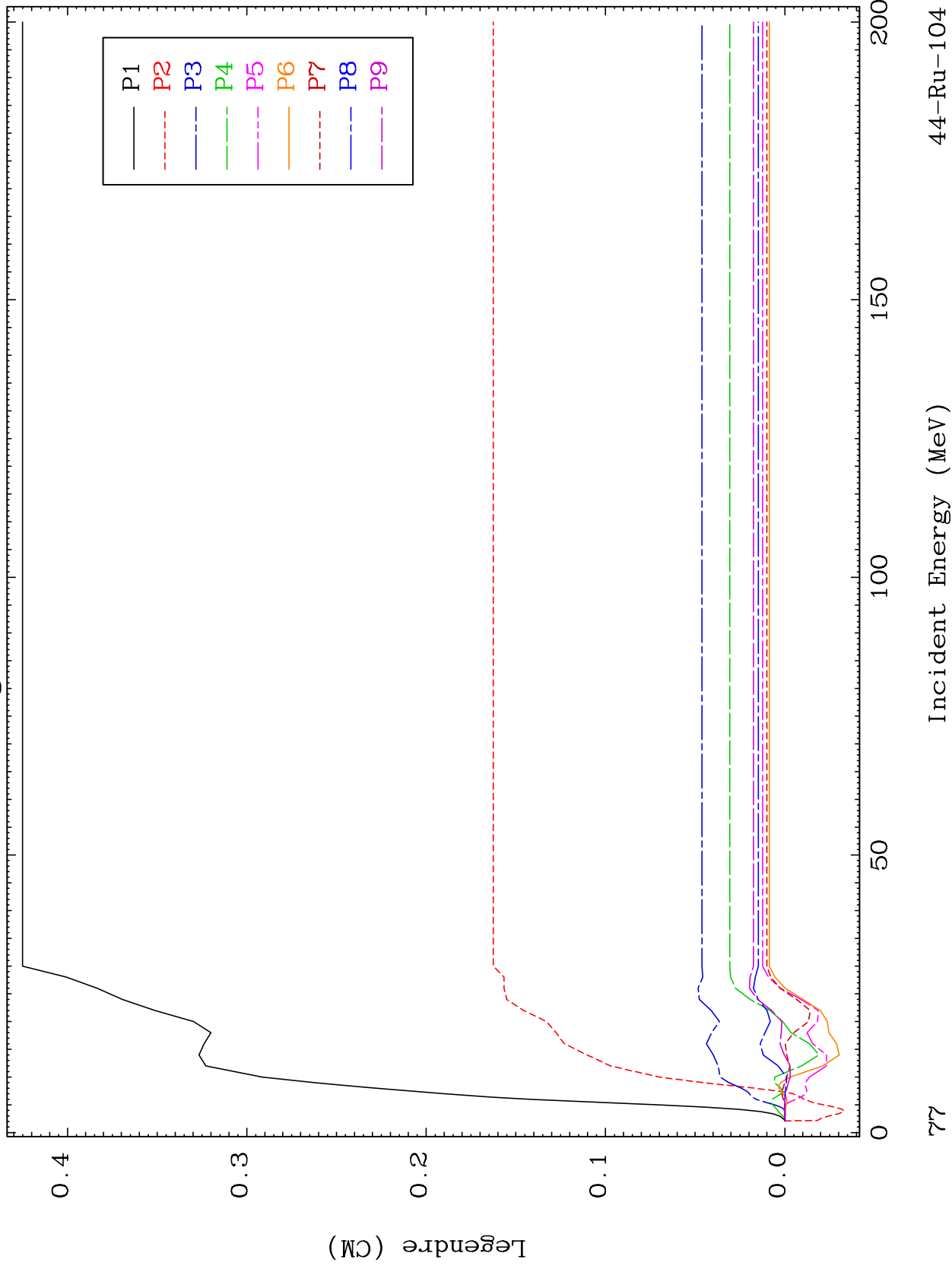
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



77

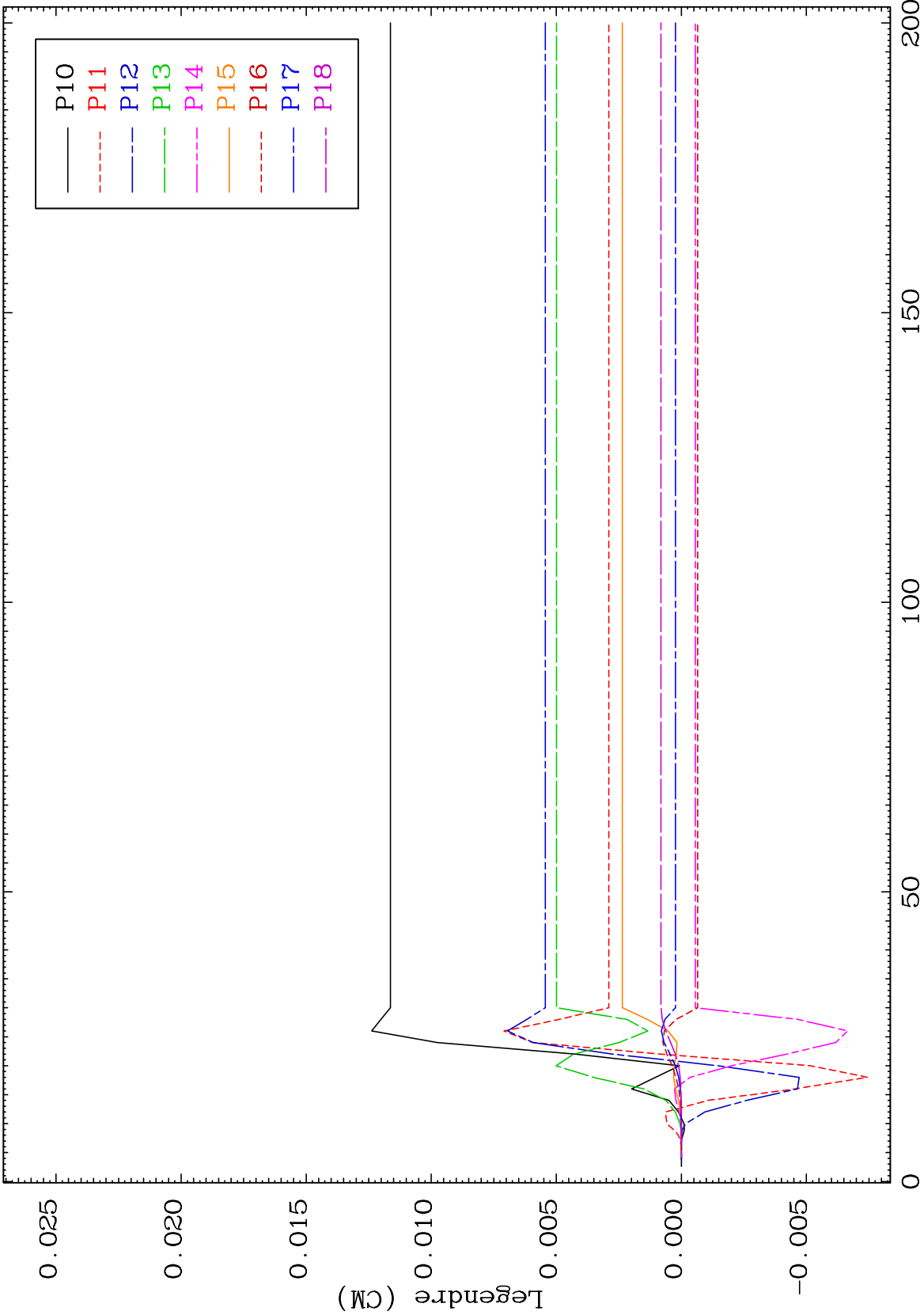
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



78

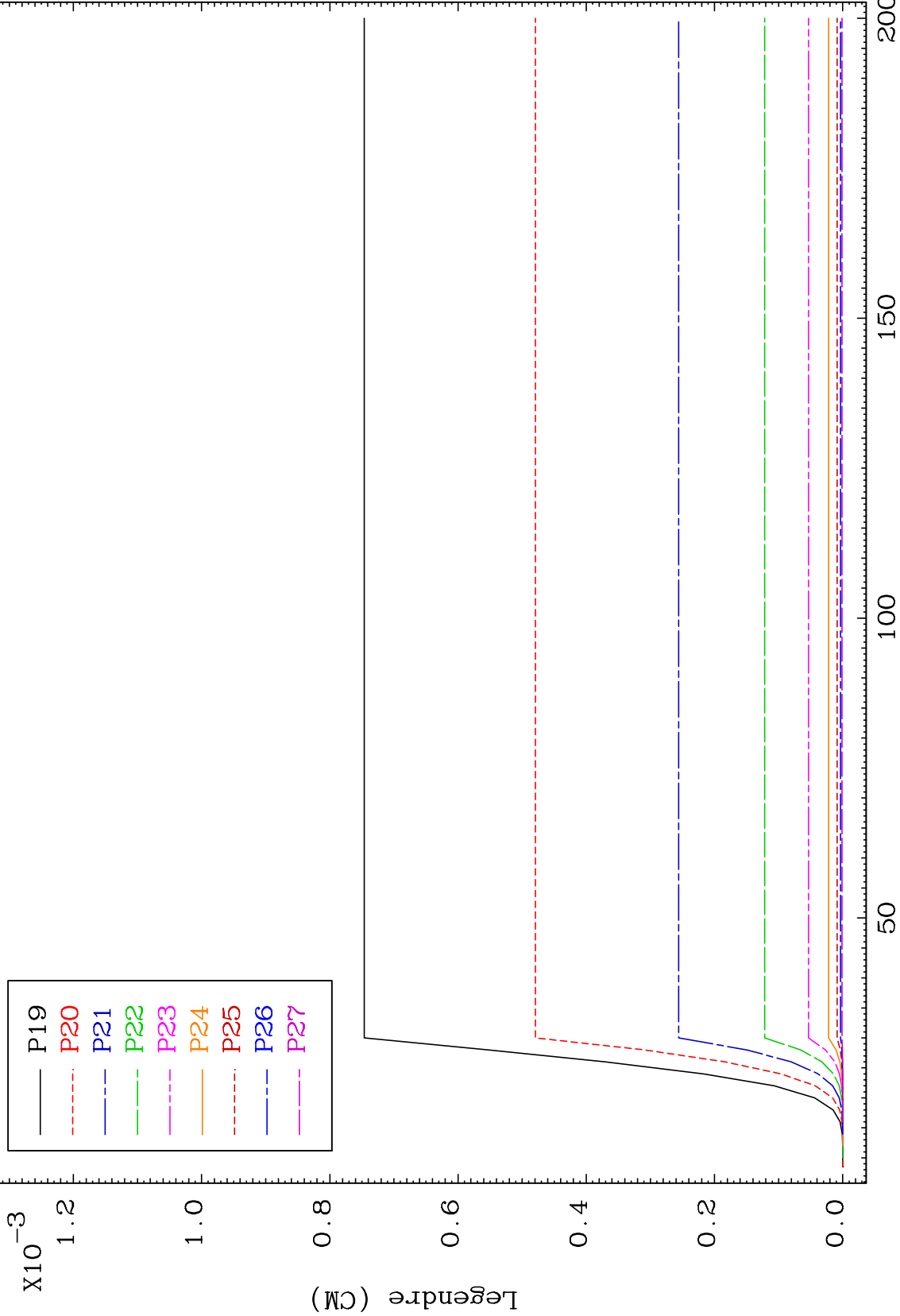
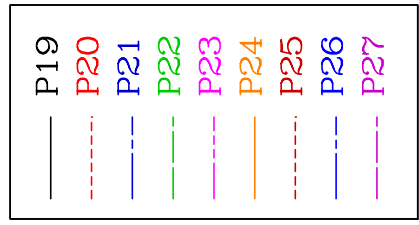
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



79

Incident Energy (MeV)

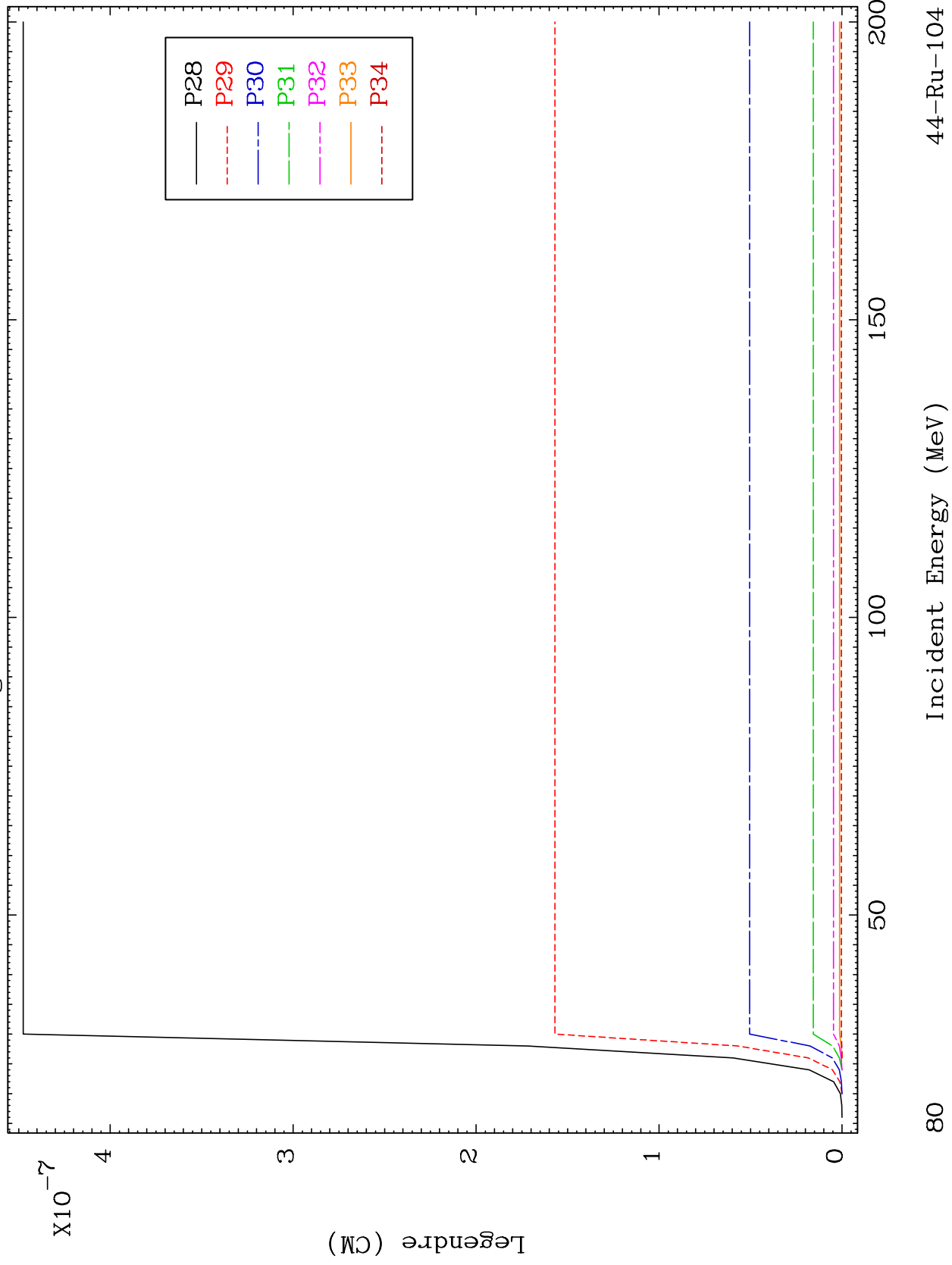
44-Ru-104



MAT 4449

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

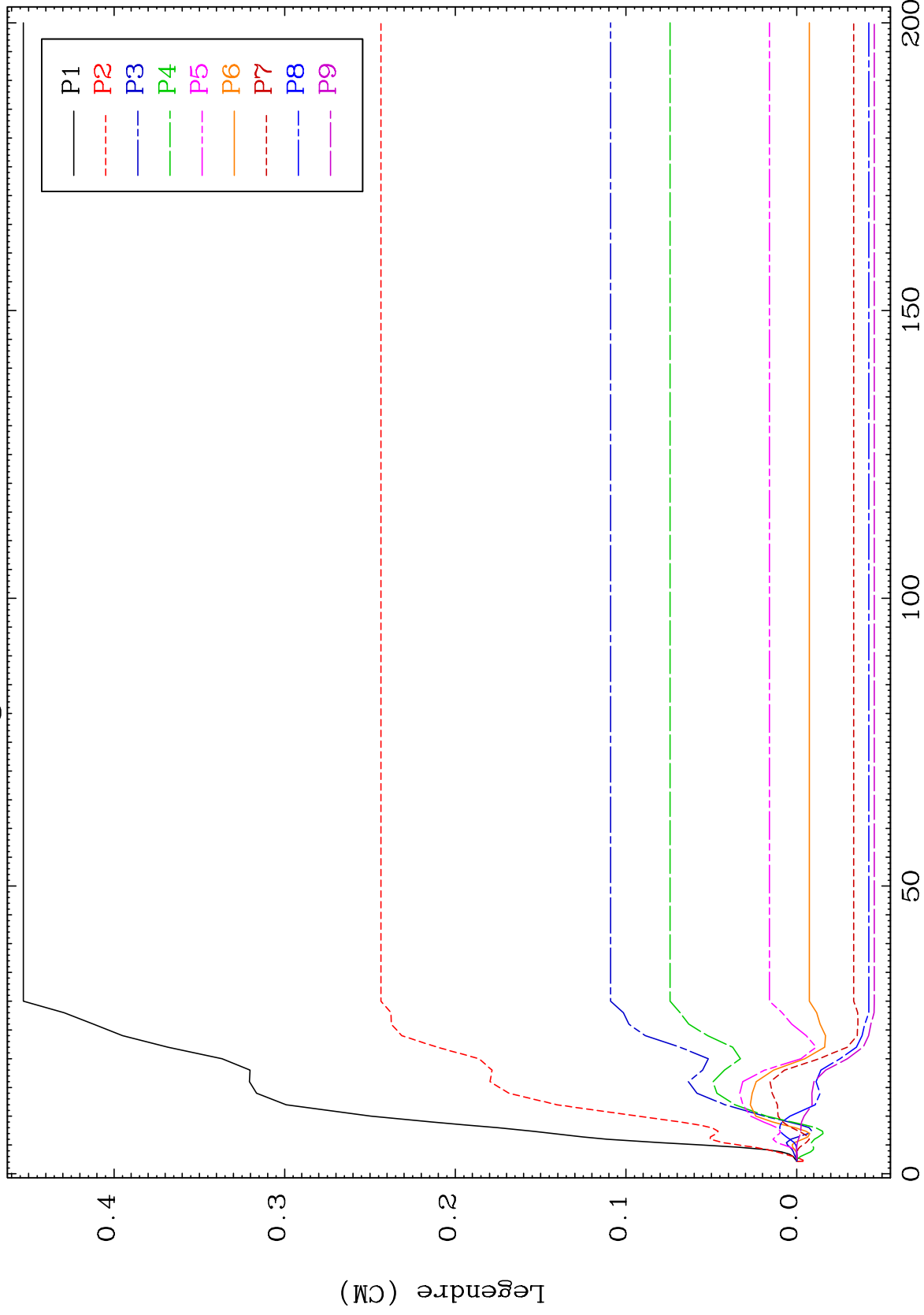
44-Ru-104



MAT 4449

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

44-Ru-104



81

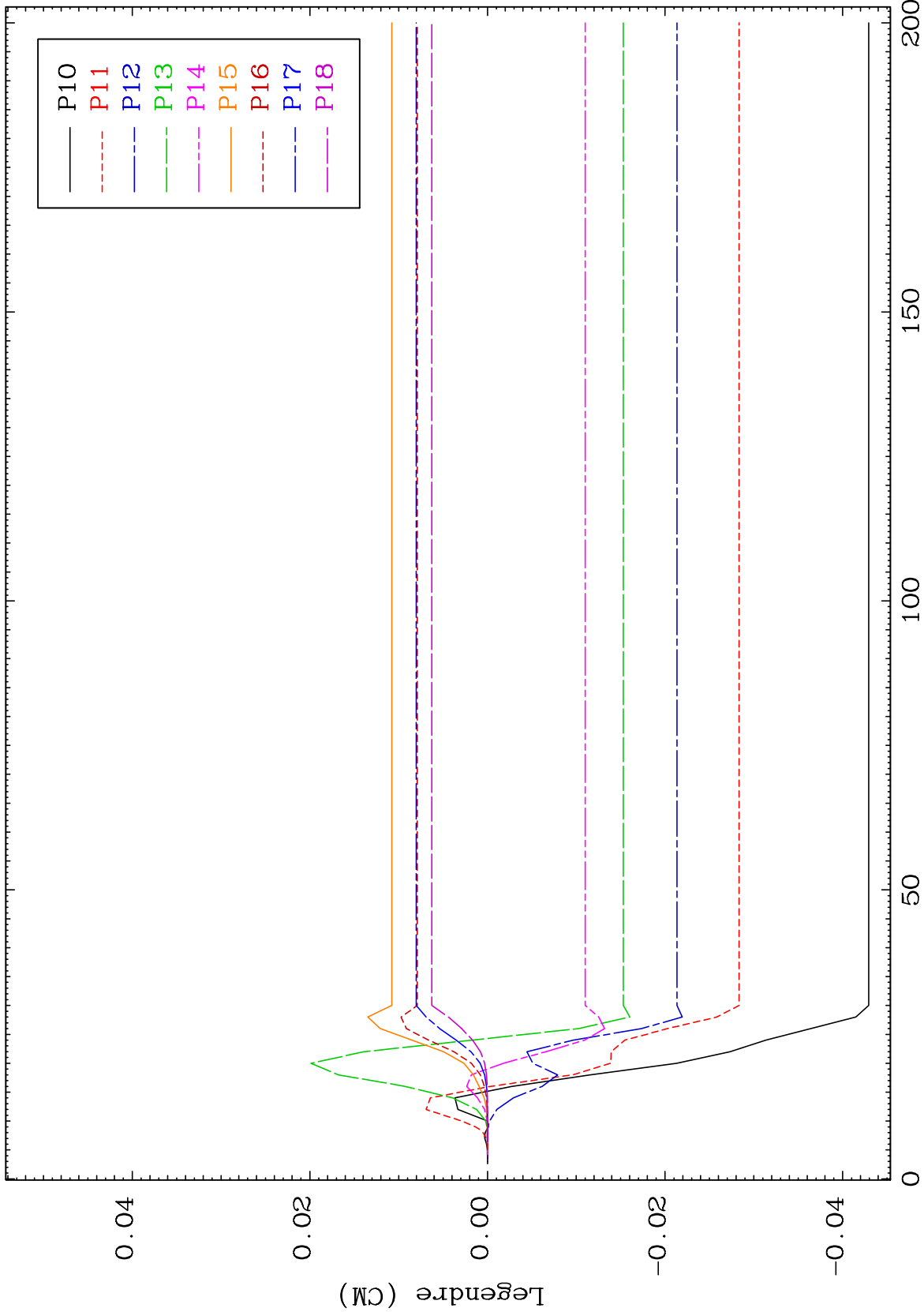
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



82

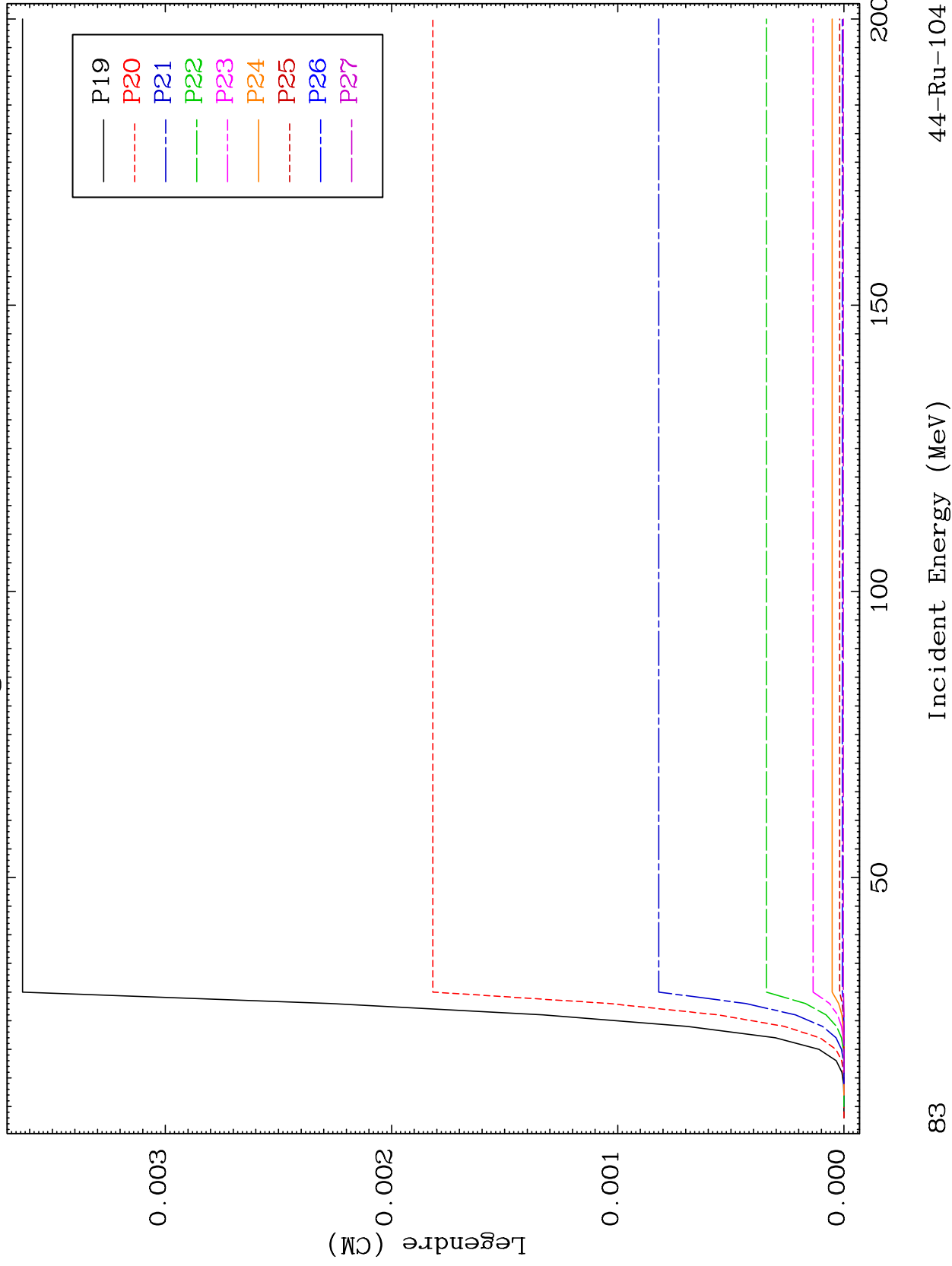
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



83

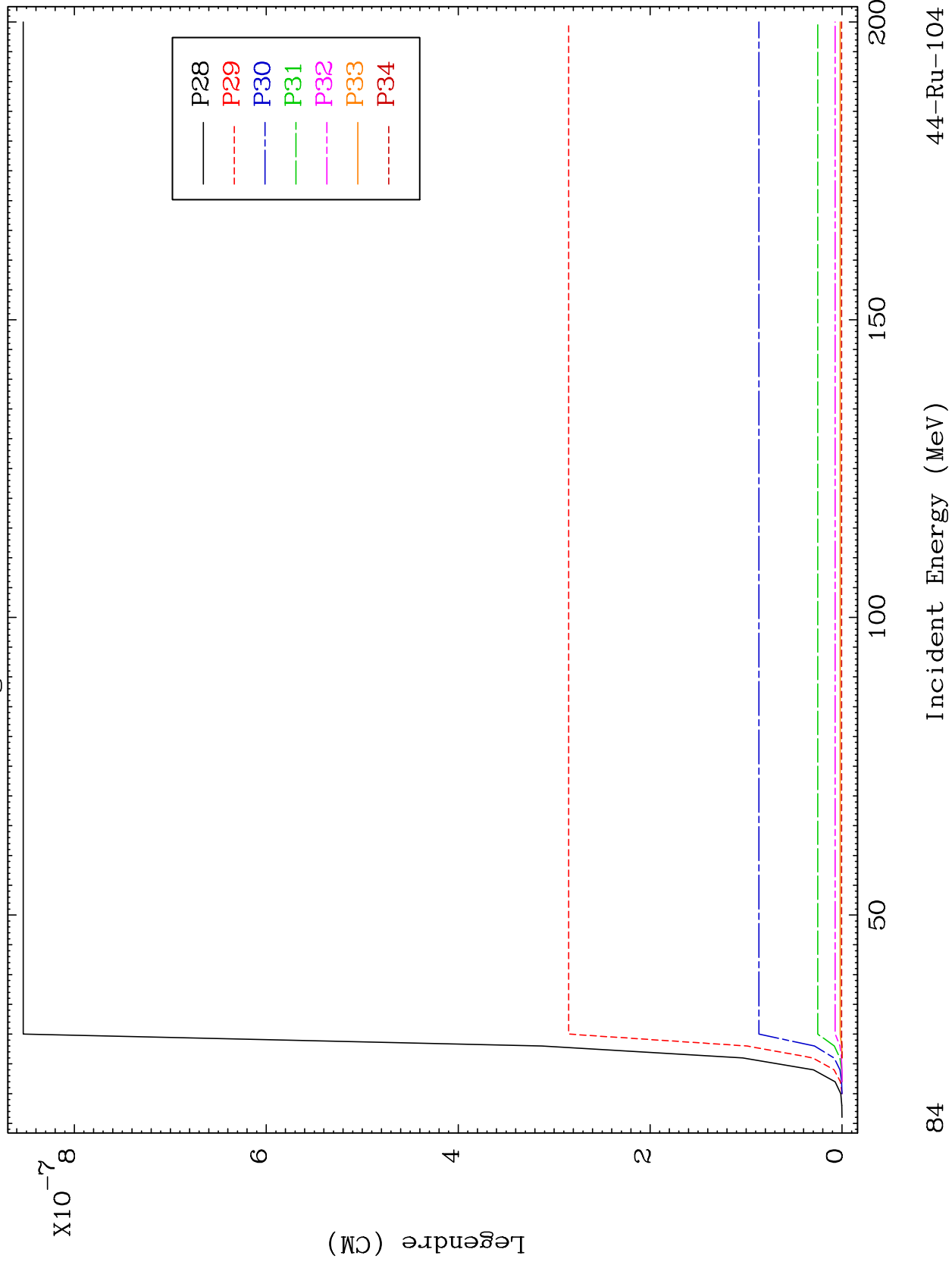
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

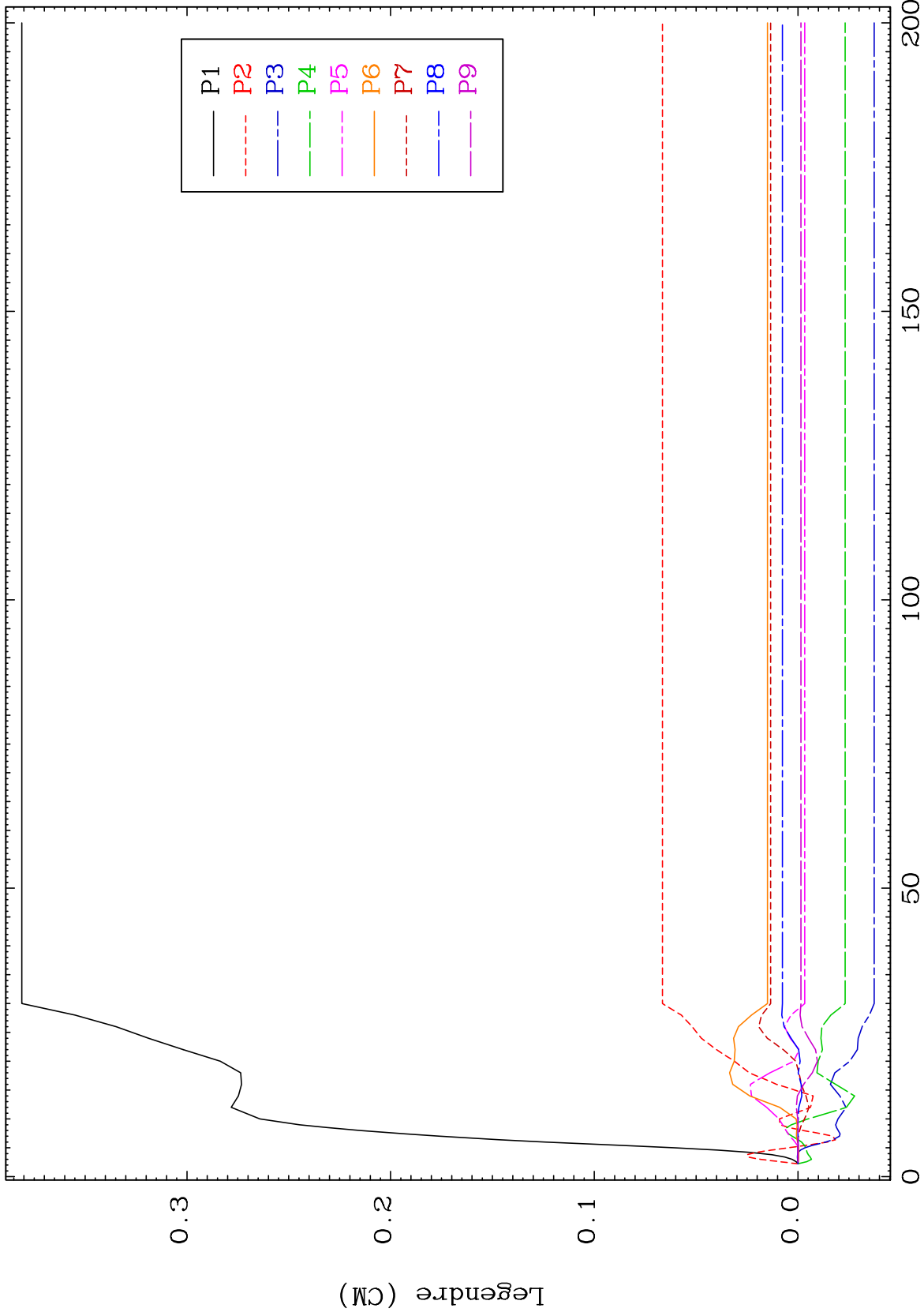
44-Ru-104



MAT 4449

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

44-Ru-104



85

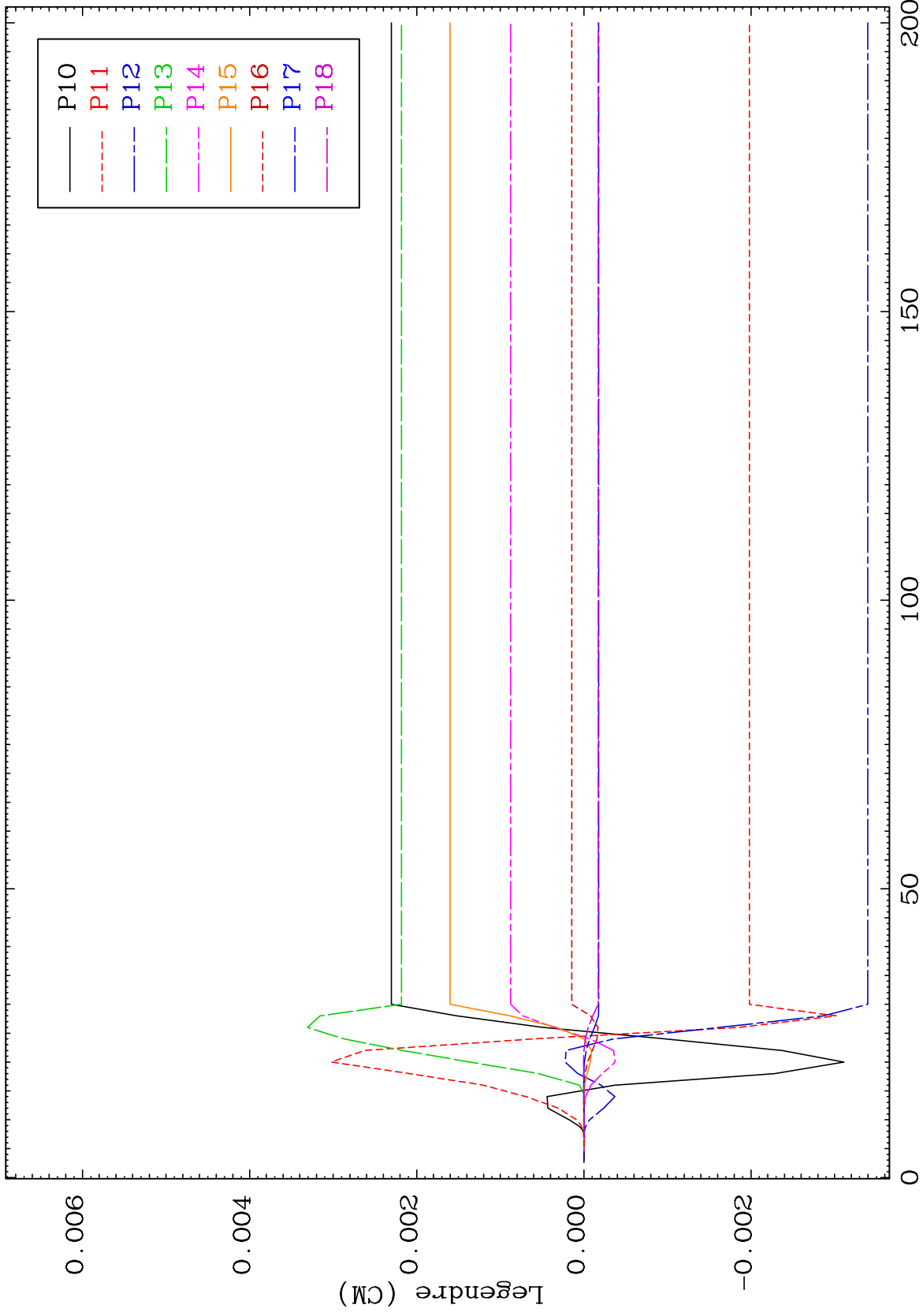
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



86

Incident Energy (MeV)

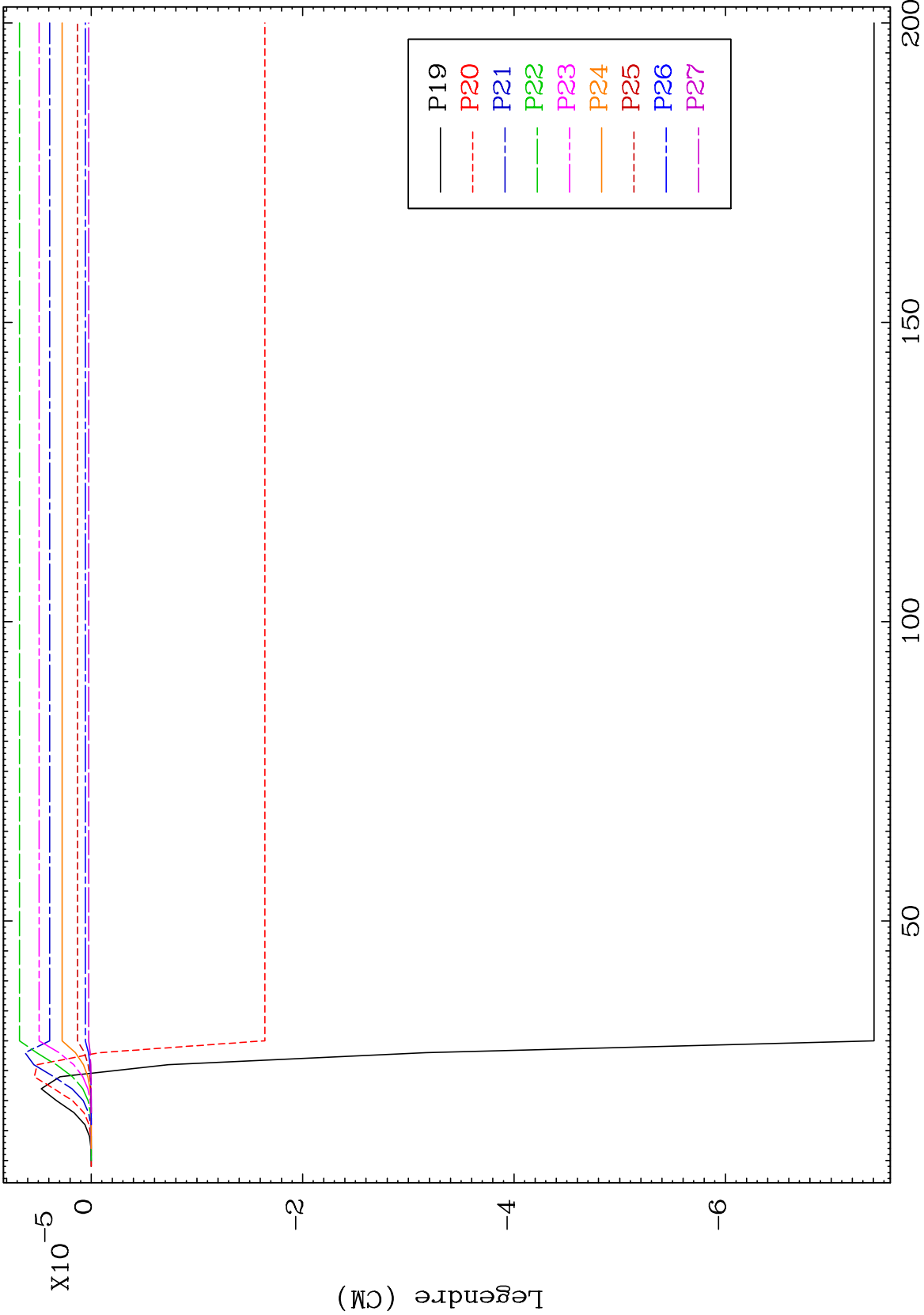
44-Ru-104

MAT 4449

MT= 68 (n,n') Level

44-Ru-104

Legendre Coefficients

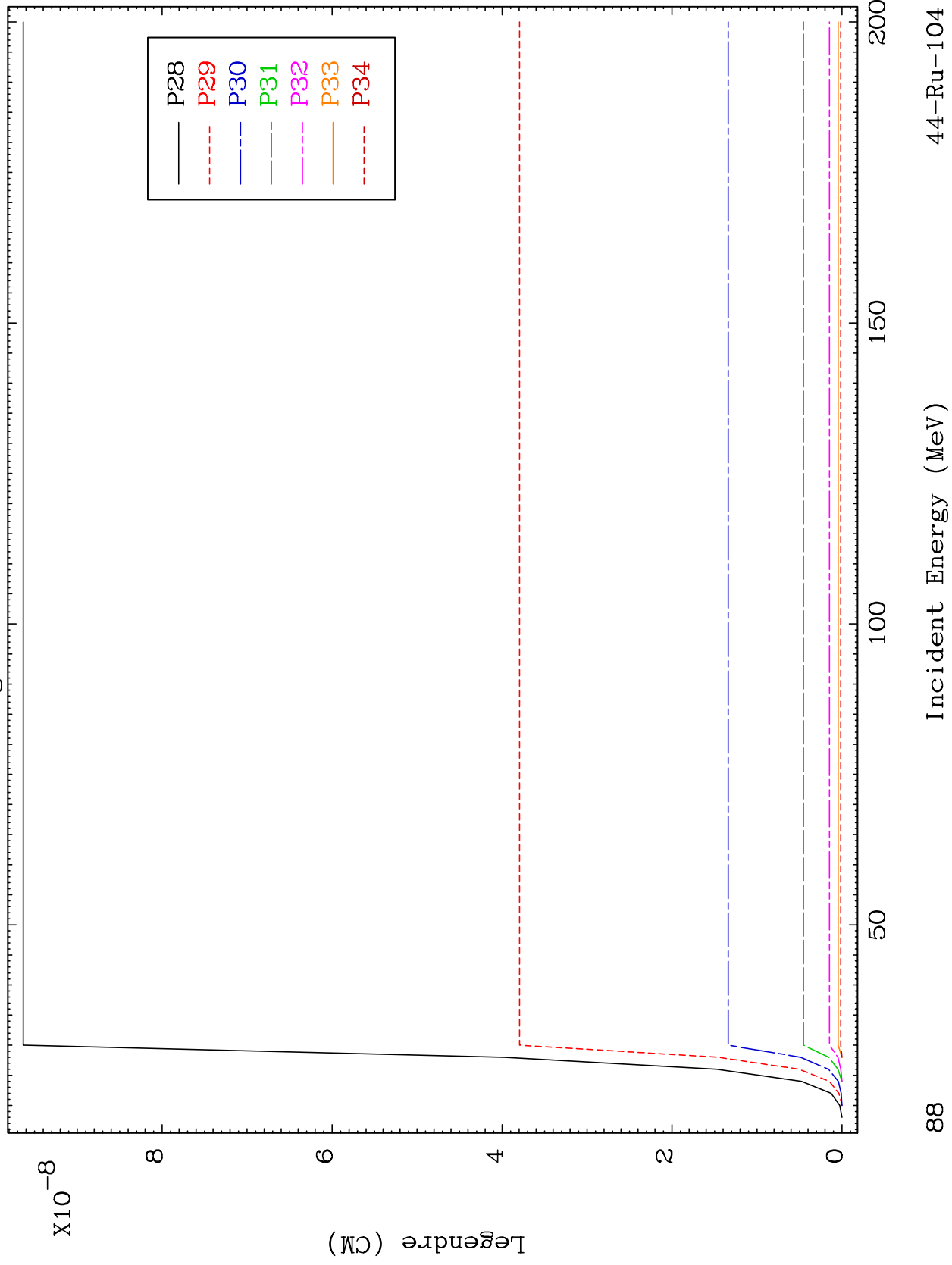




MAT 4449

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

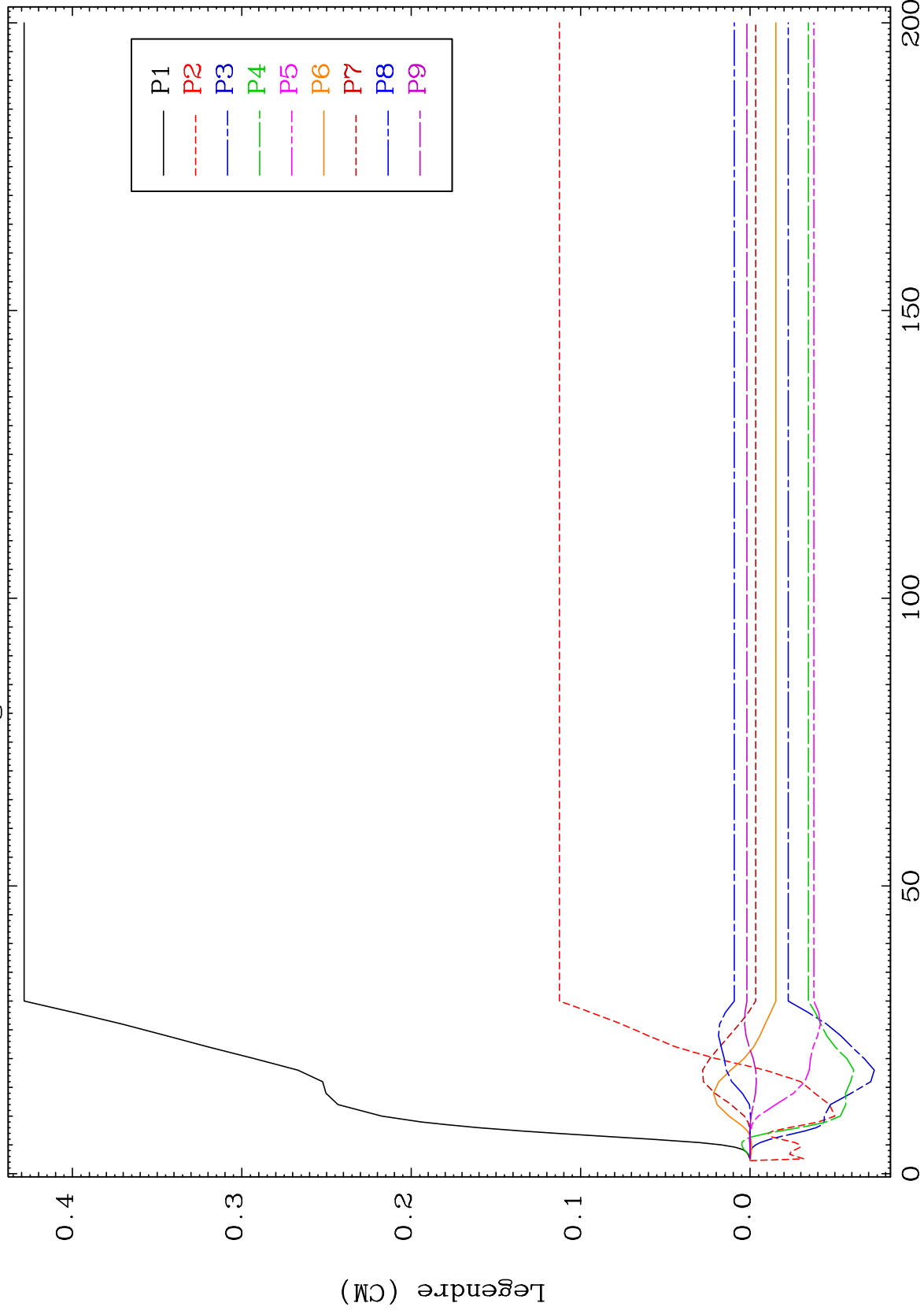
44-Ru-104



MAT 4449

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

44-Ru-104



89

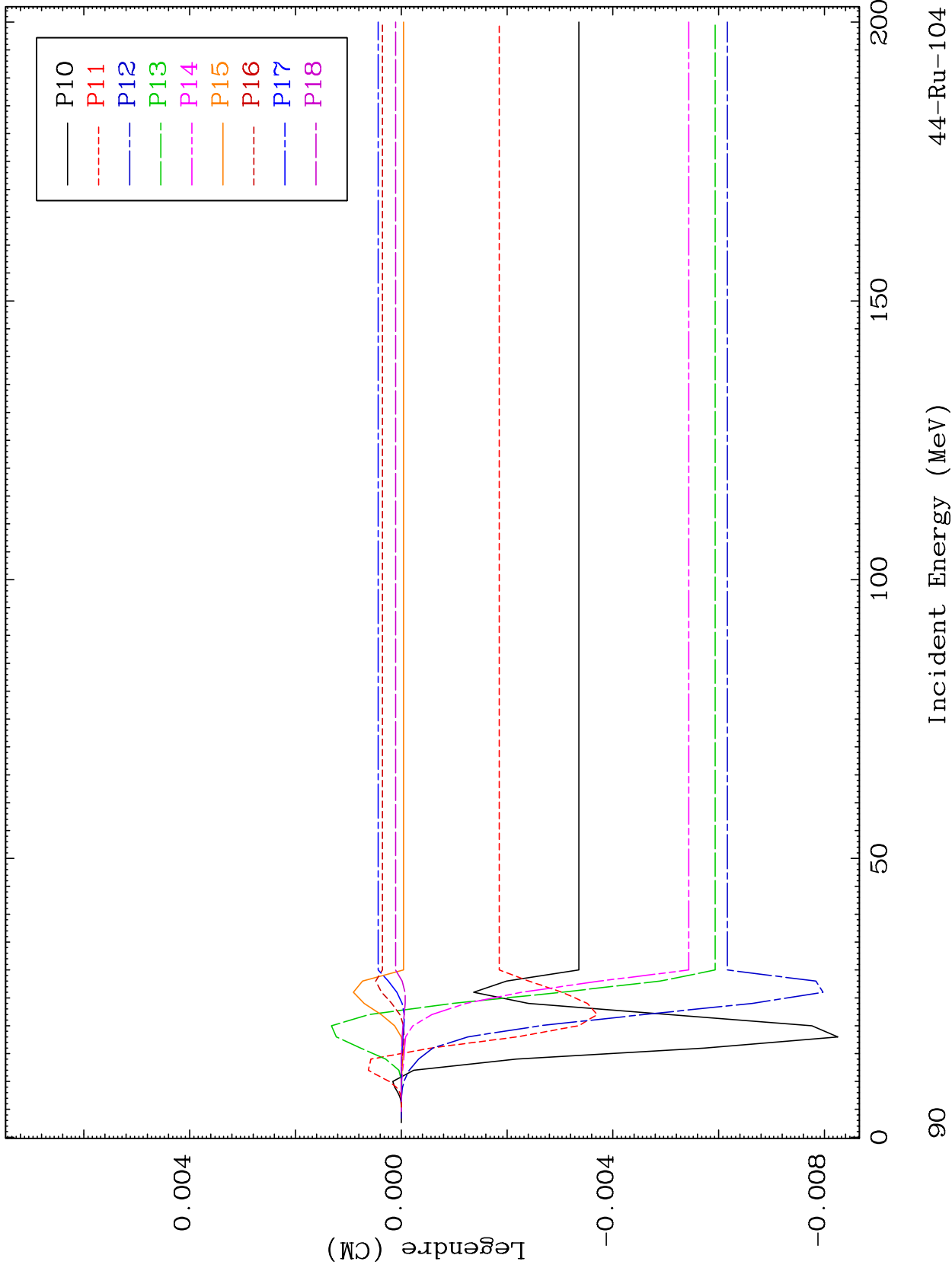
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

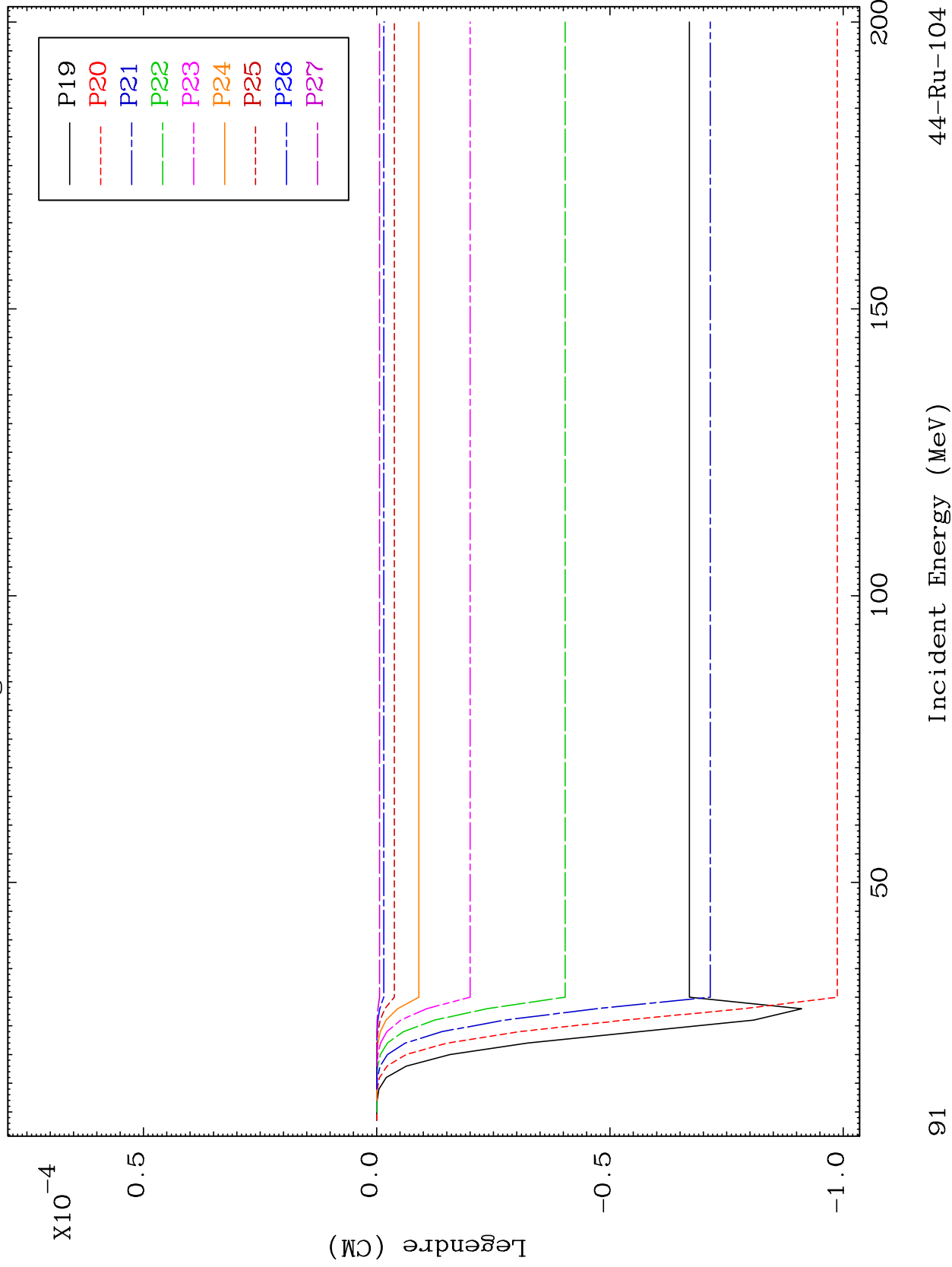
Incident Energy (MeV)

90

MAT 4449

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

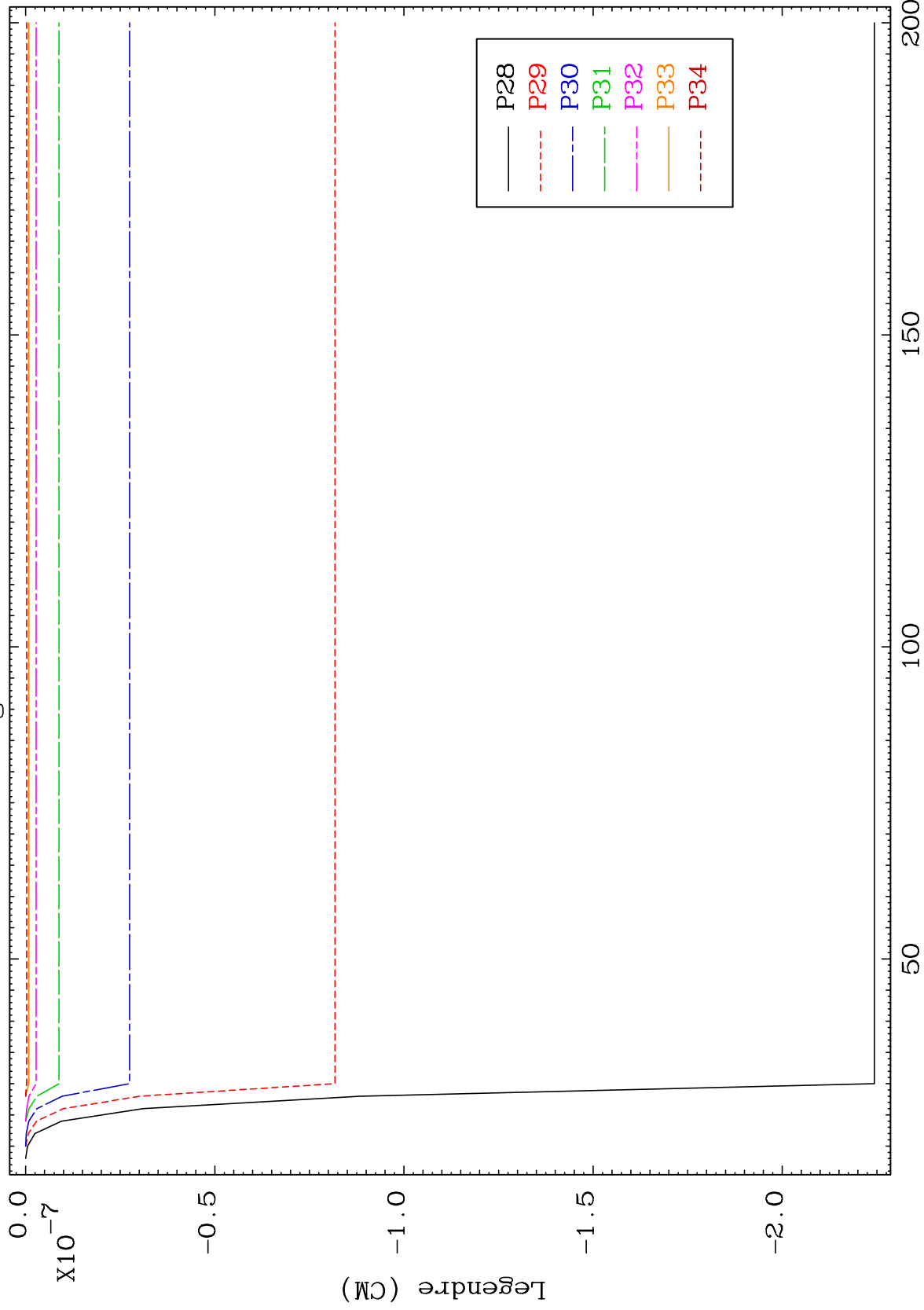
44-Ru-104



MAT 4449

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

44-Ru-104

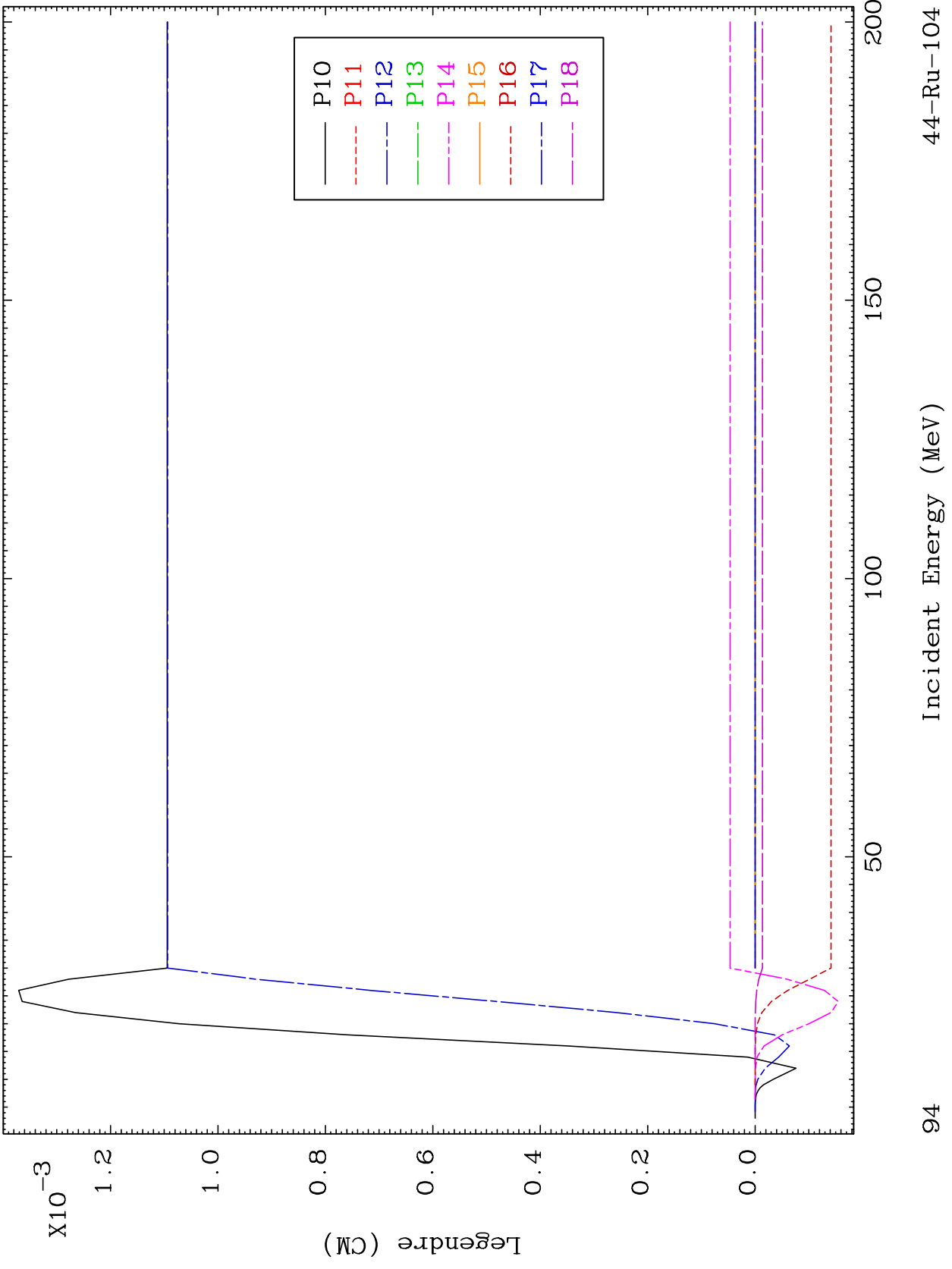




MAT 4449

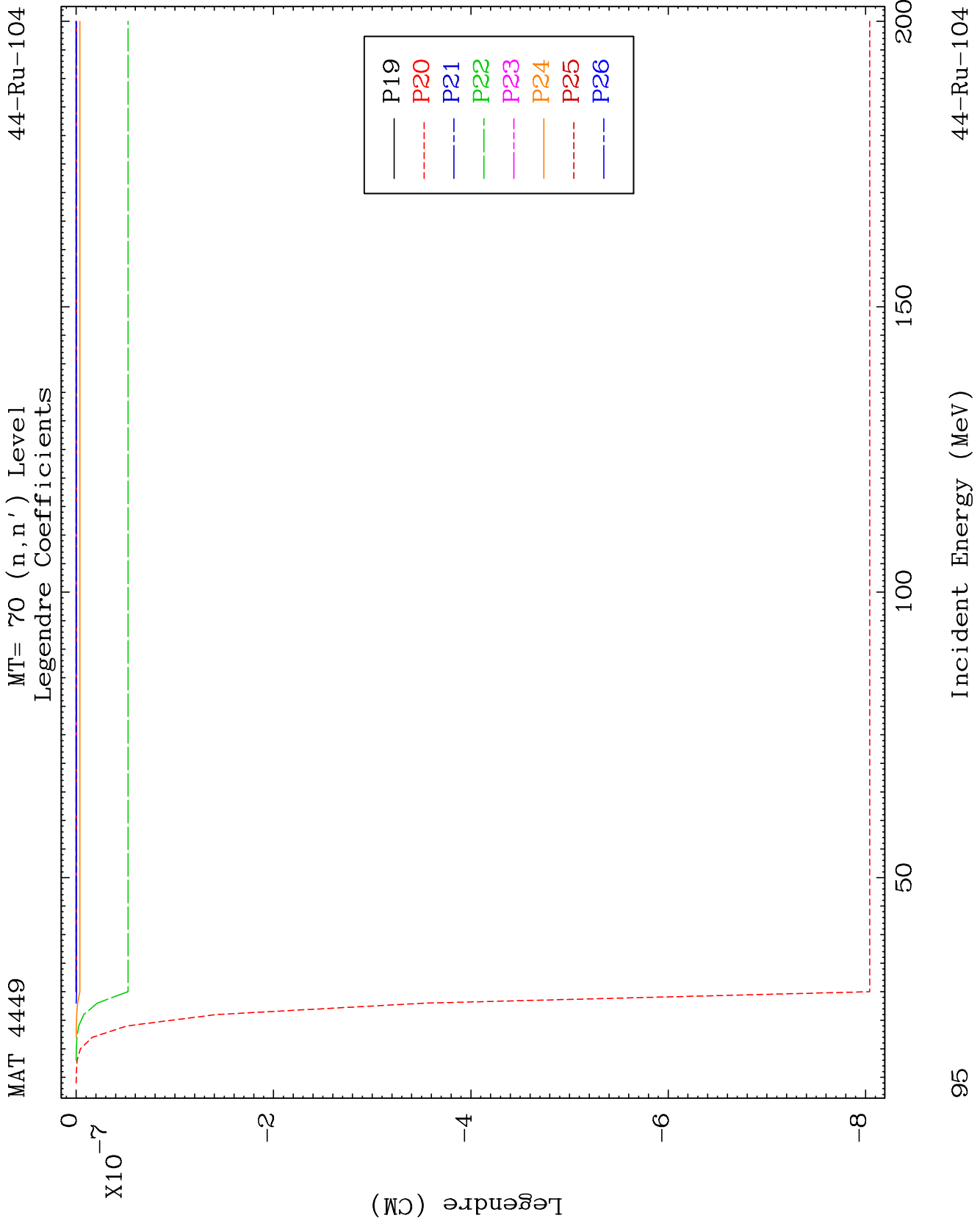
MT= 70 (n,n') Level  
Legendre Coefficients

44-Ru-104



94

44-Ru-104

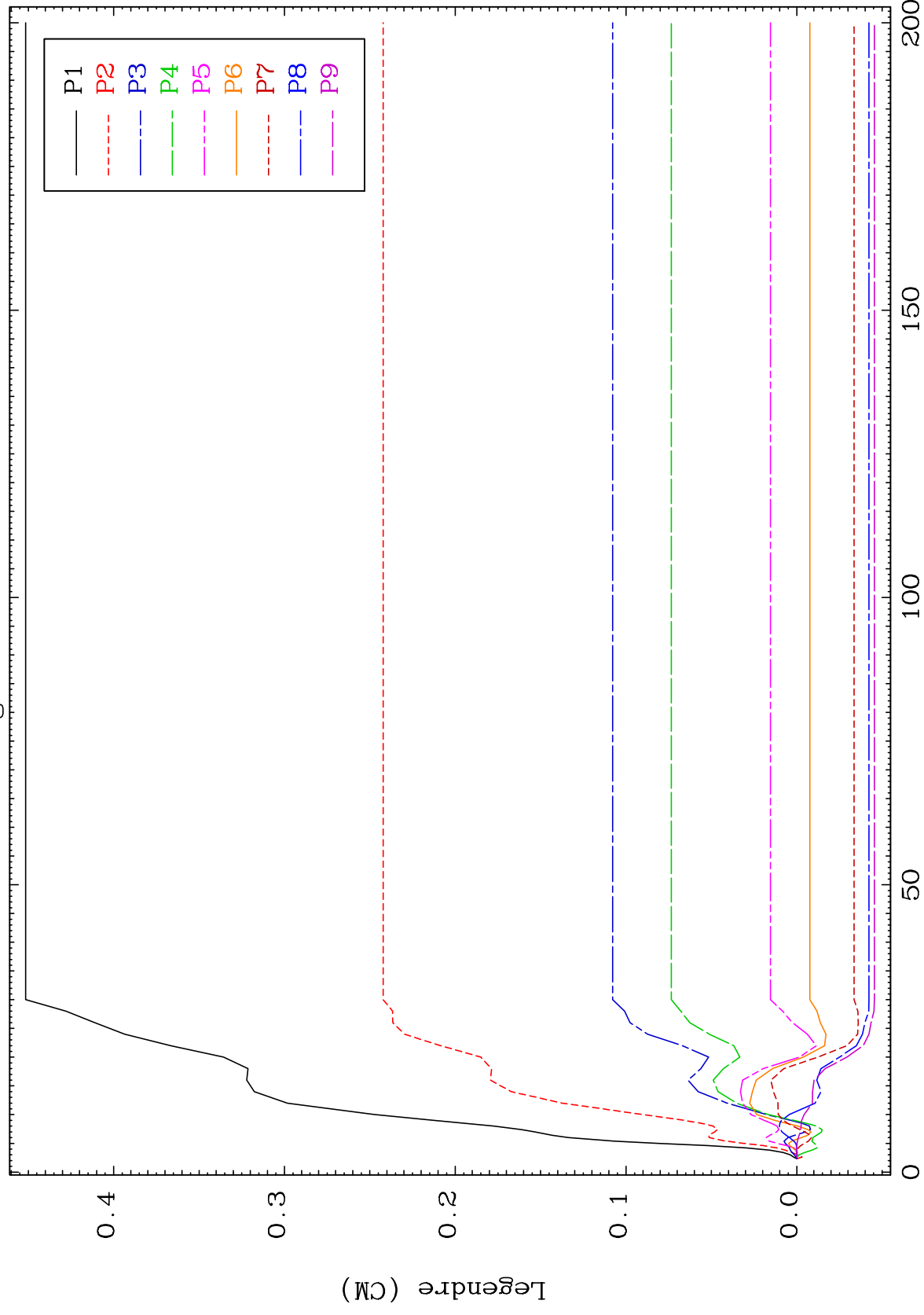




MAT 4449

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

44-Ru-104



96

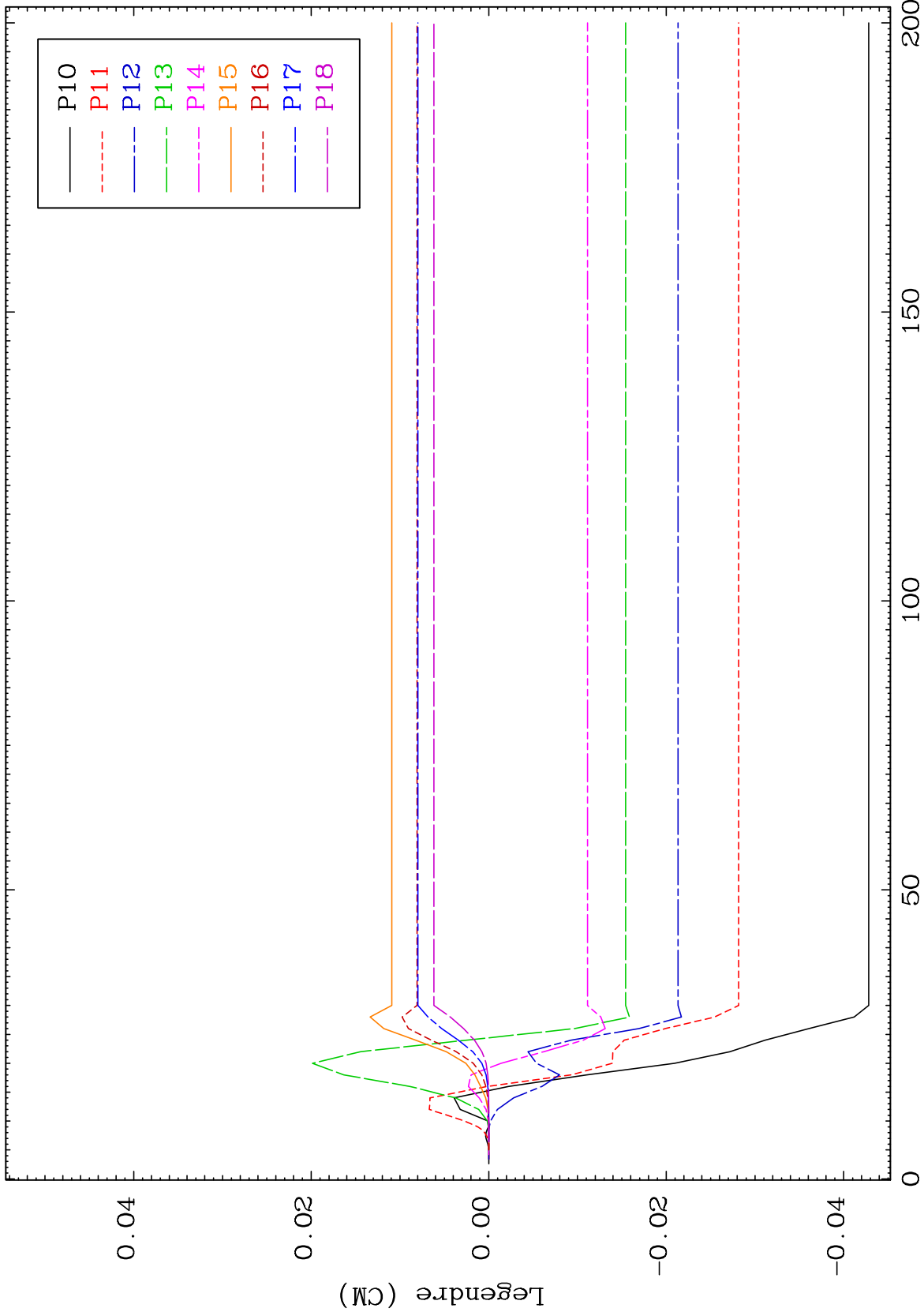
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



97

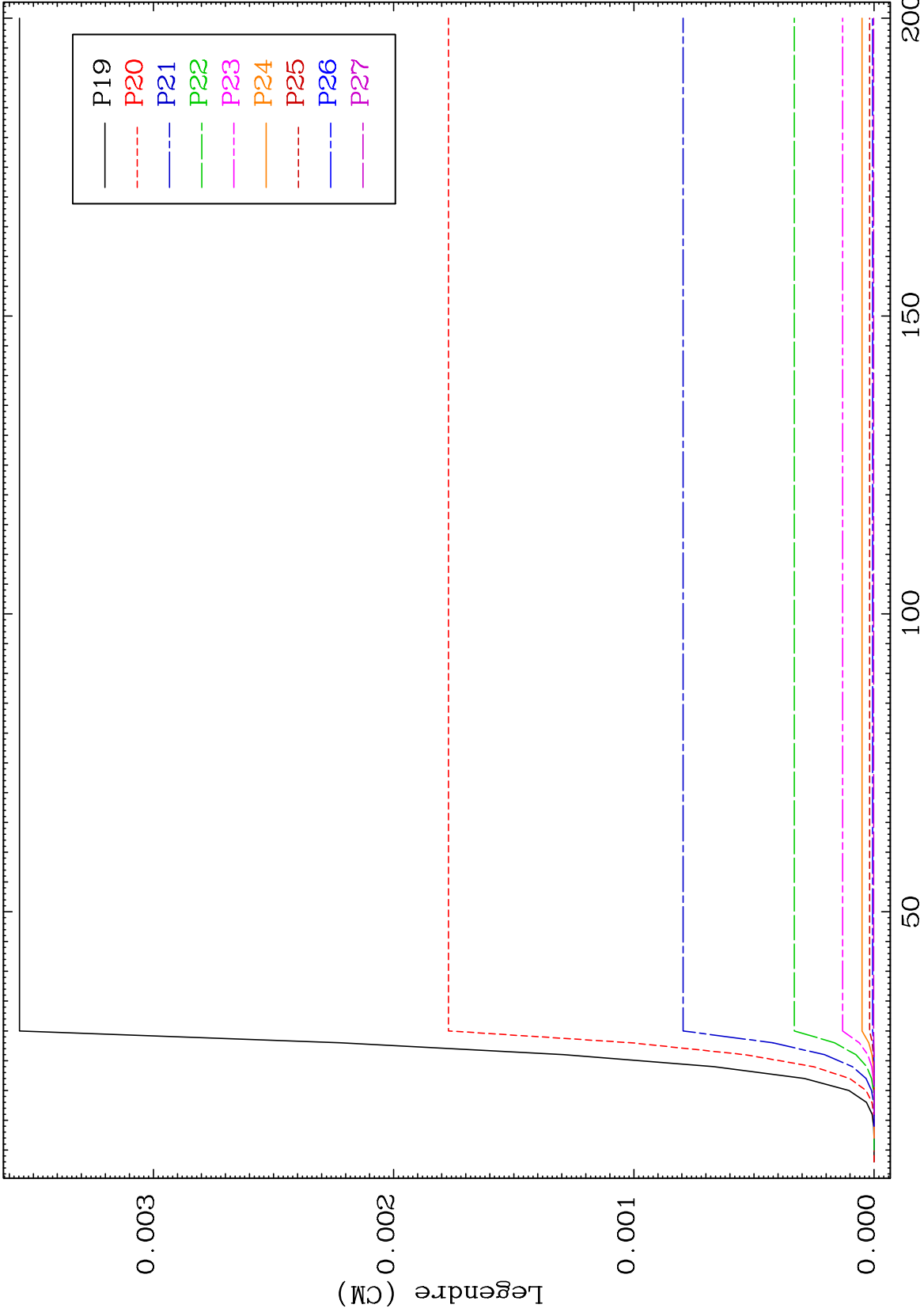
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



98

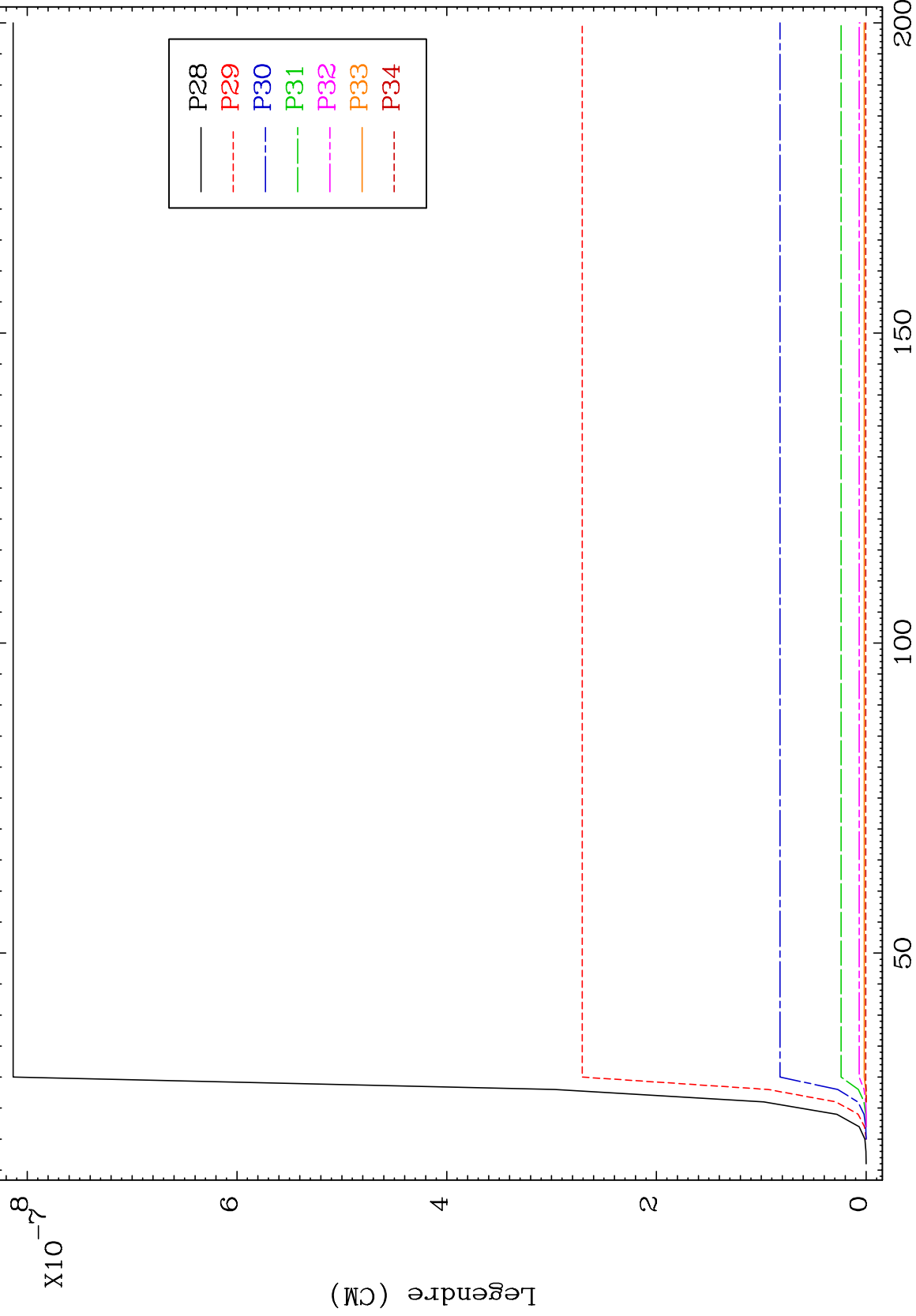
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



99

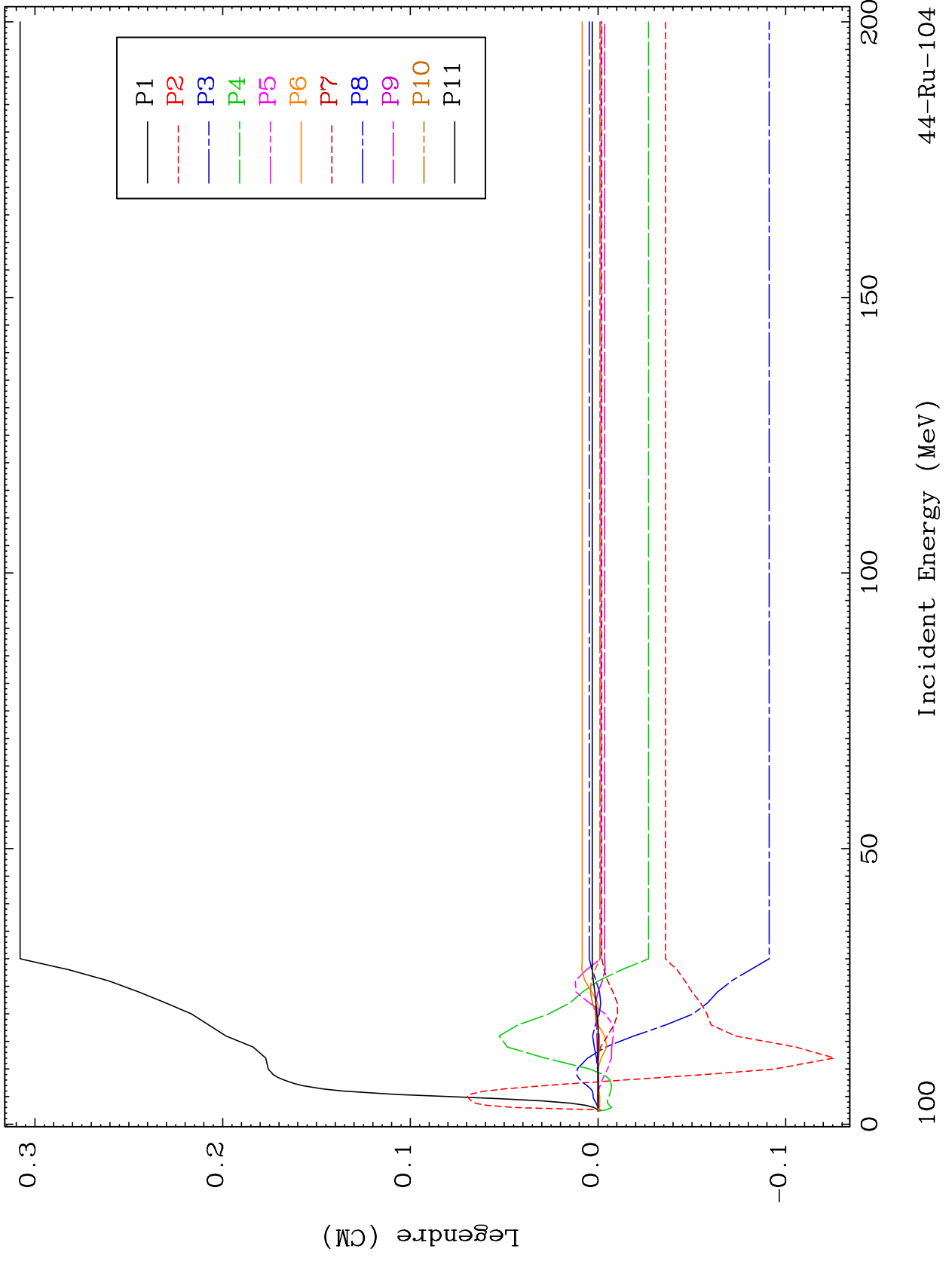
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

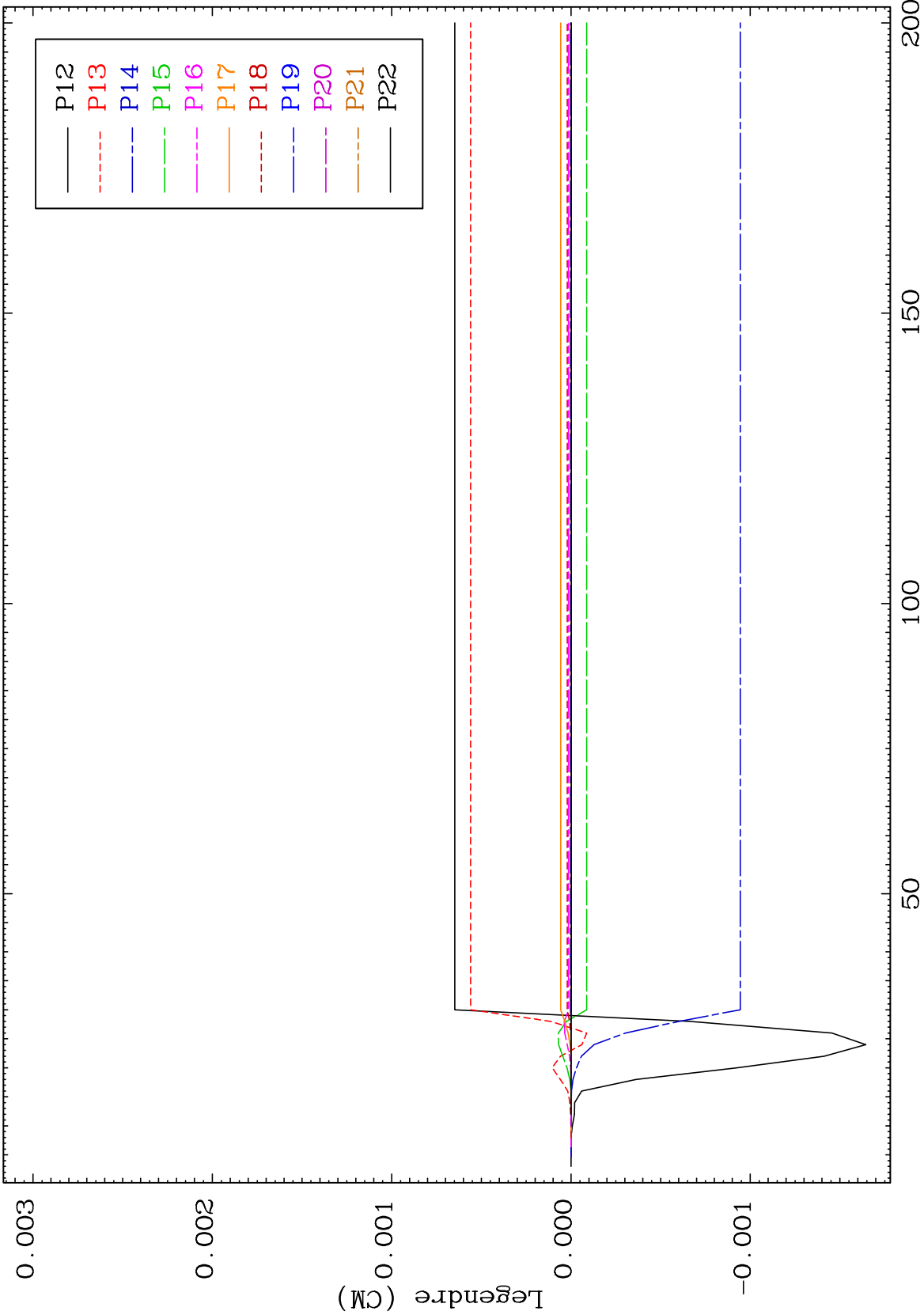
44-Ru-104



MAT 4449

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

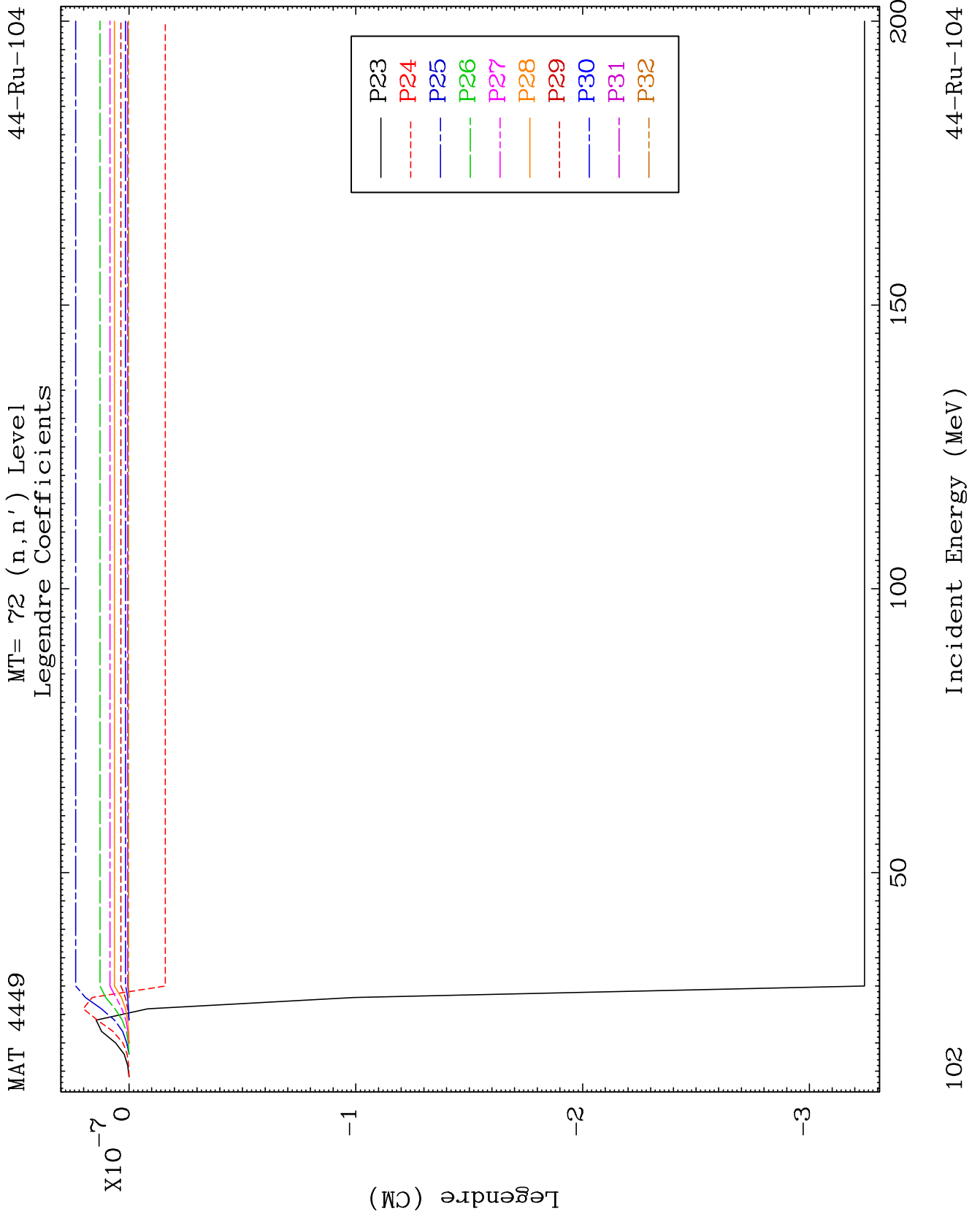
44-Ru-104



101

Incident Energy (MeV)

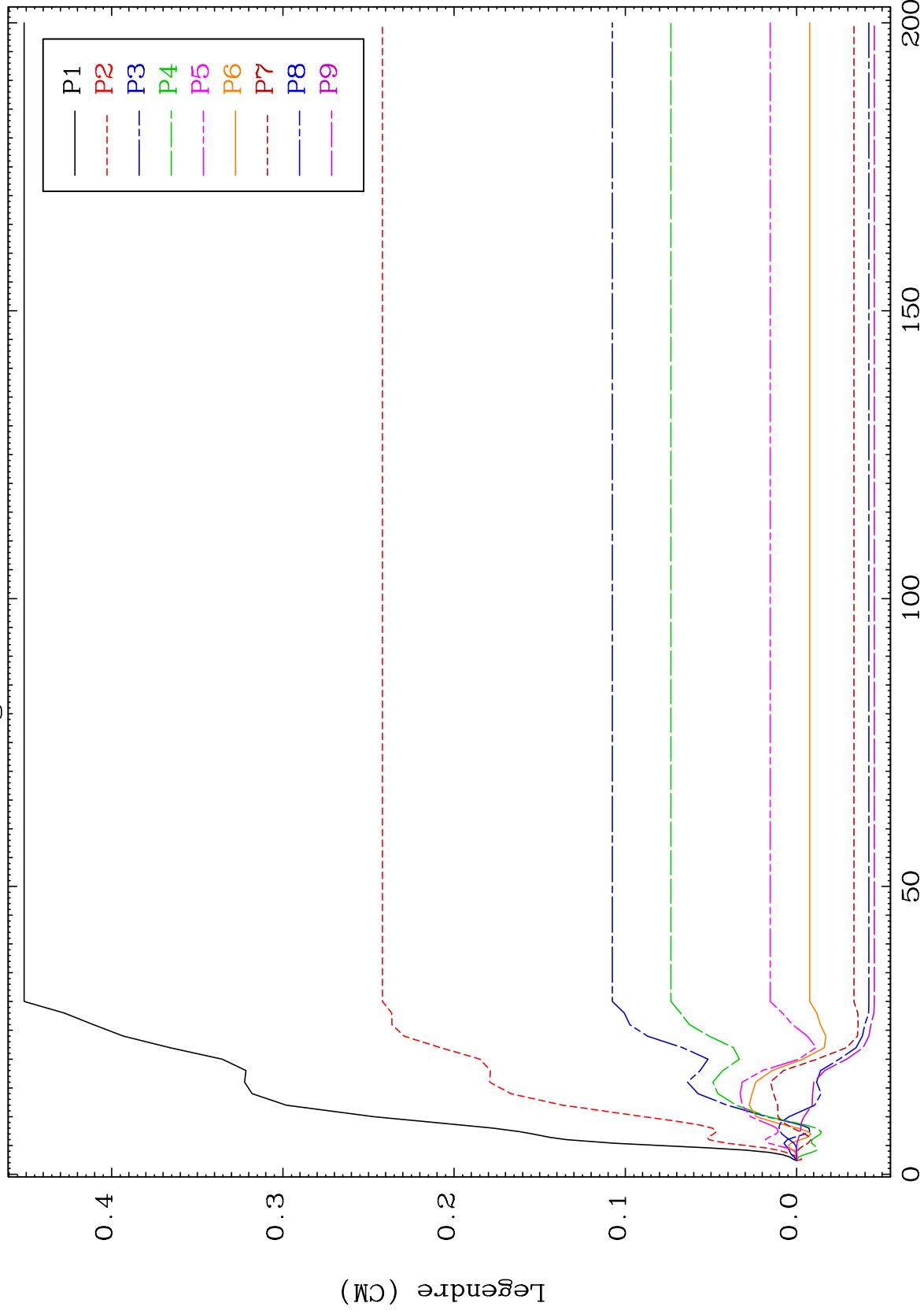
44-Ru-104



MAT 4449

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

44-Ru-104



103

Incident Energy (MeV)

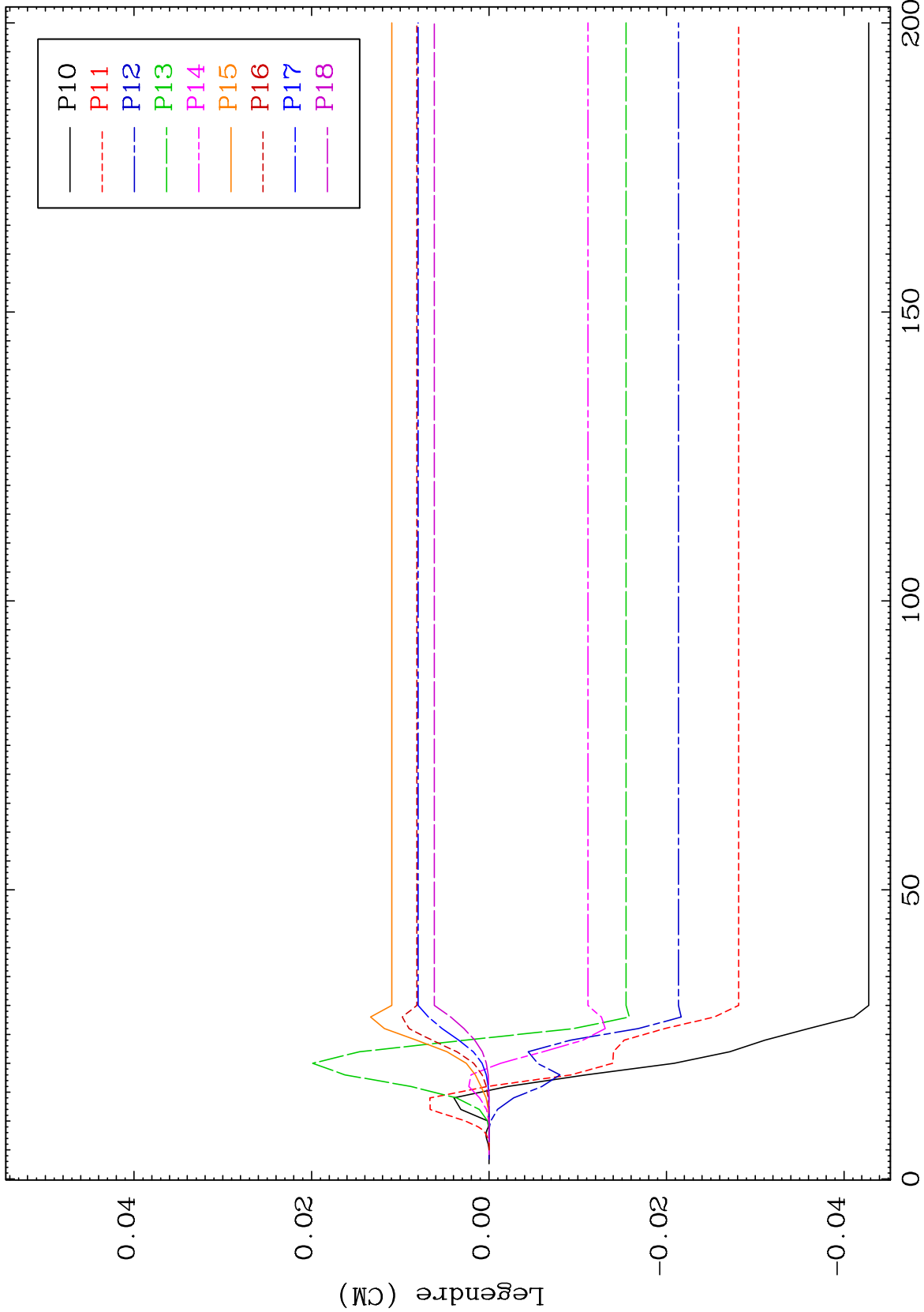
44-Ru-104



MAT 4449

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

44-Ru-104



104

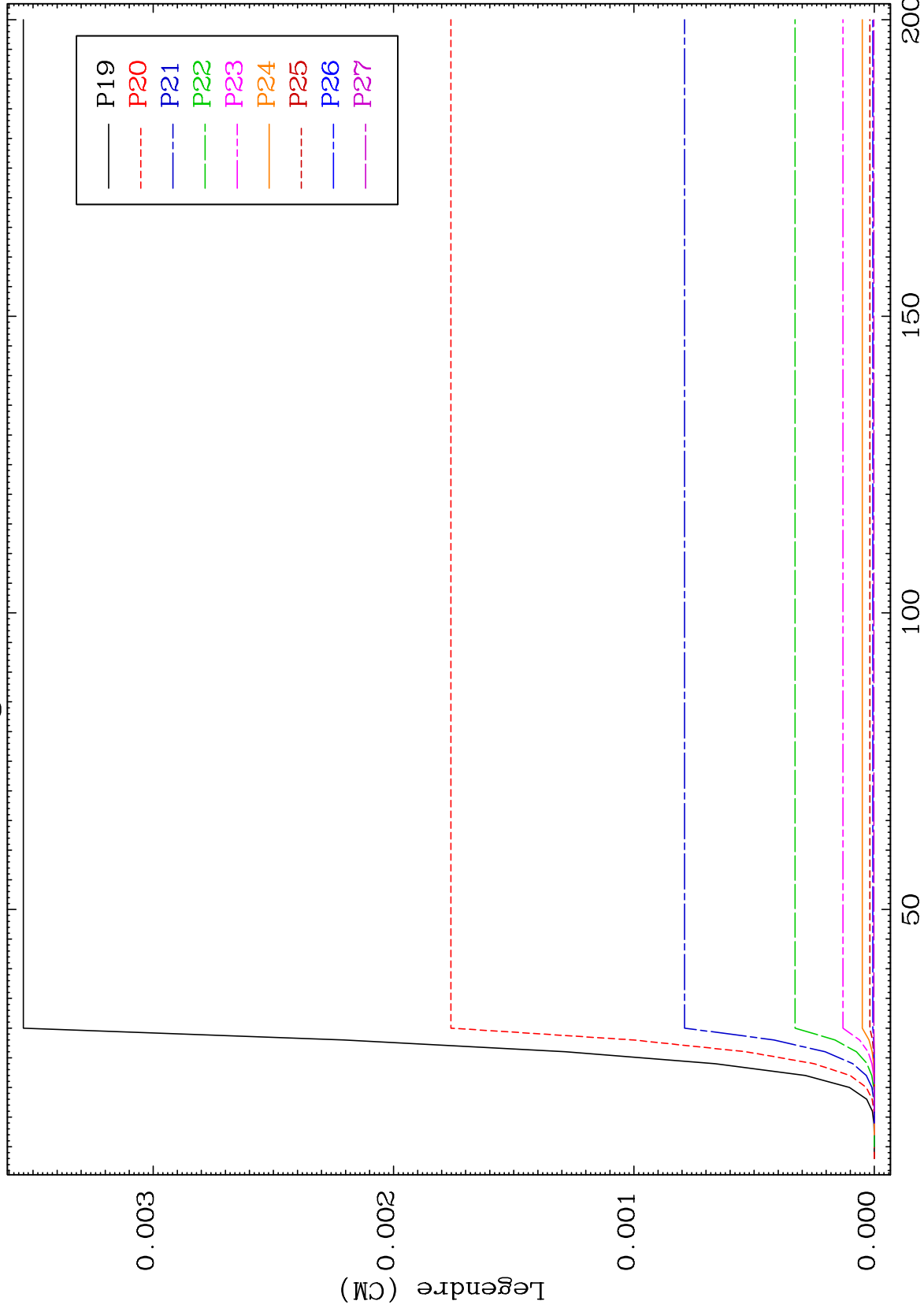
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



105

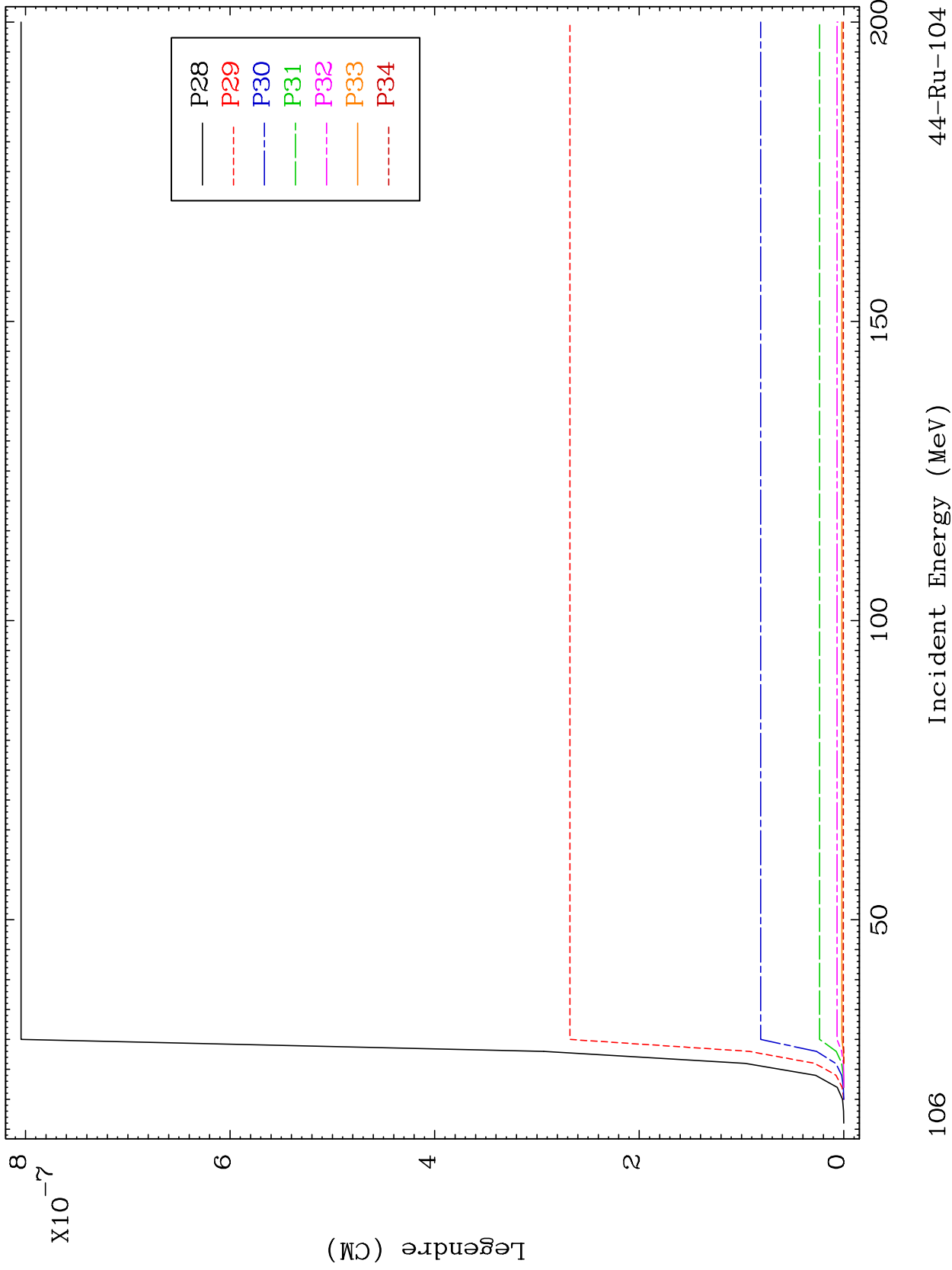
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

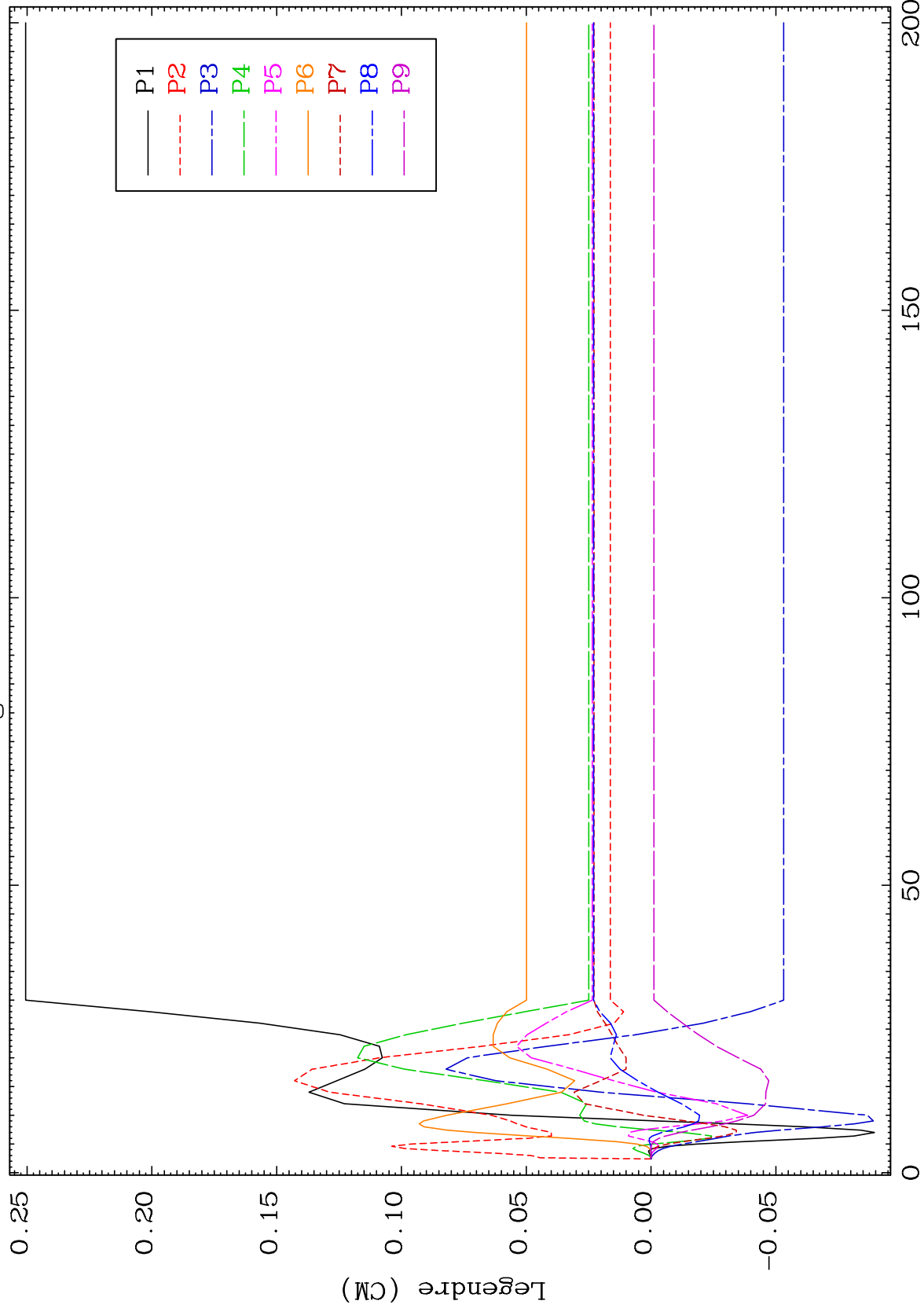


106

MAT 4449

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

44-Ru-104



107

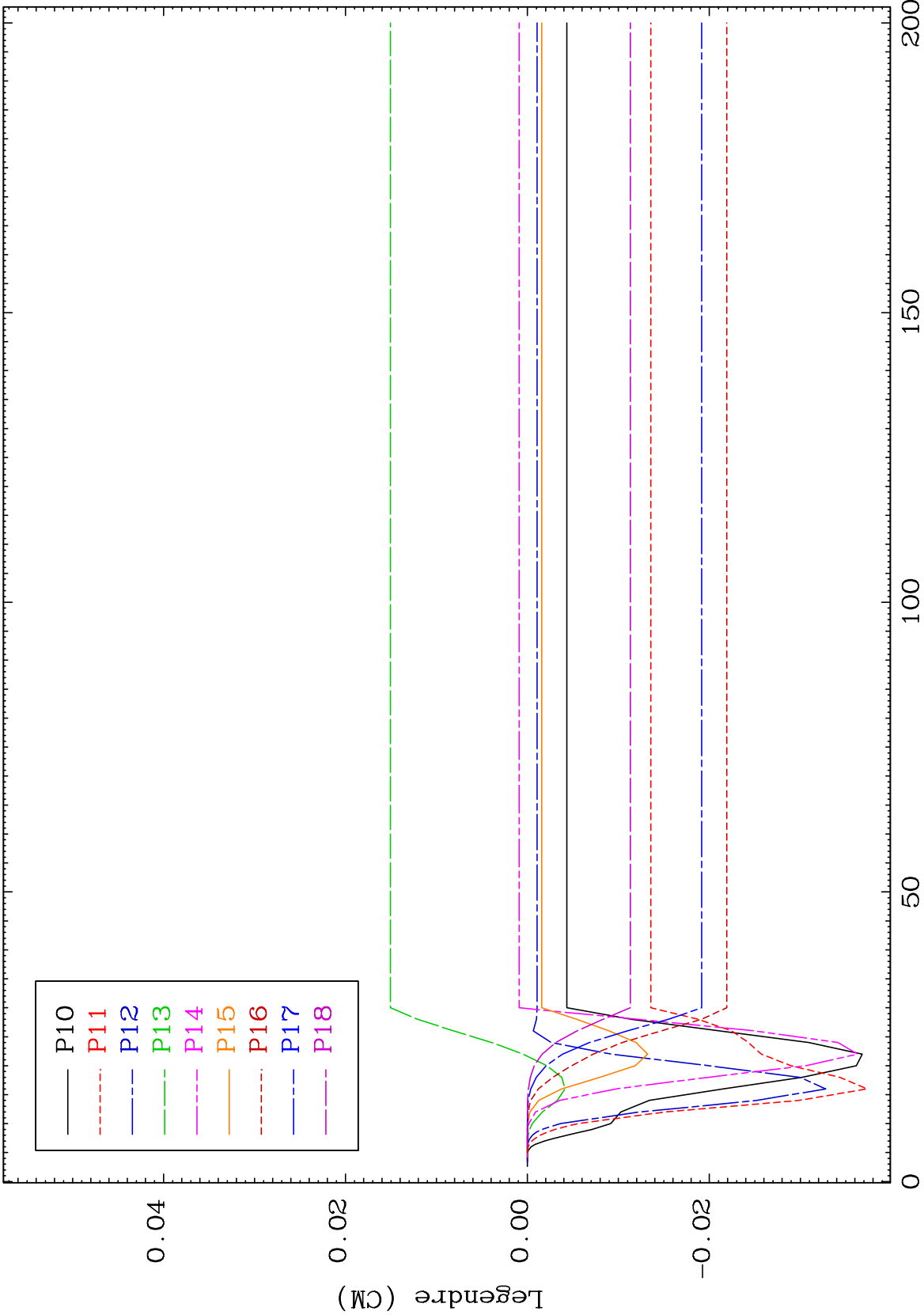
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

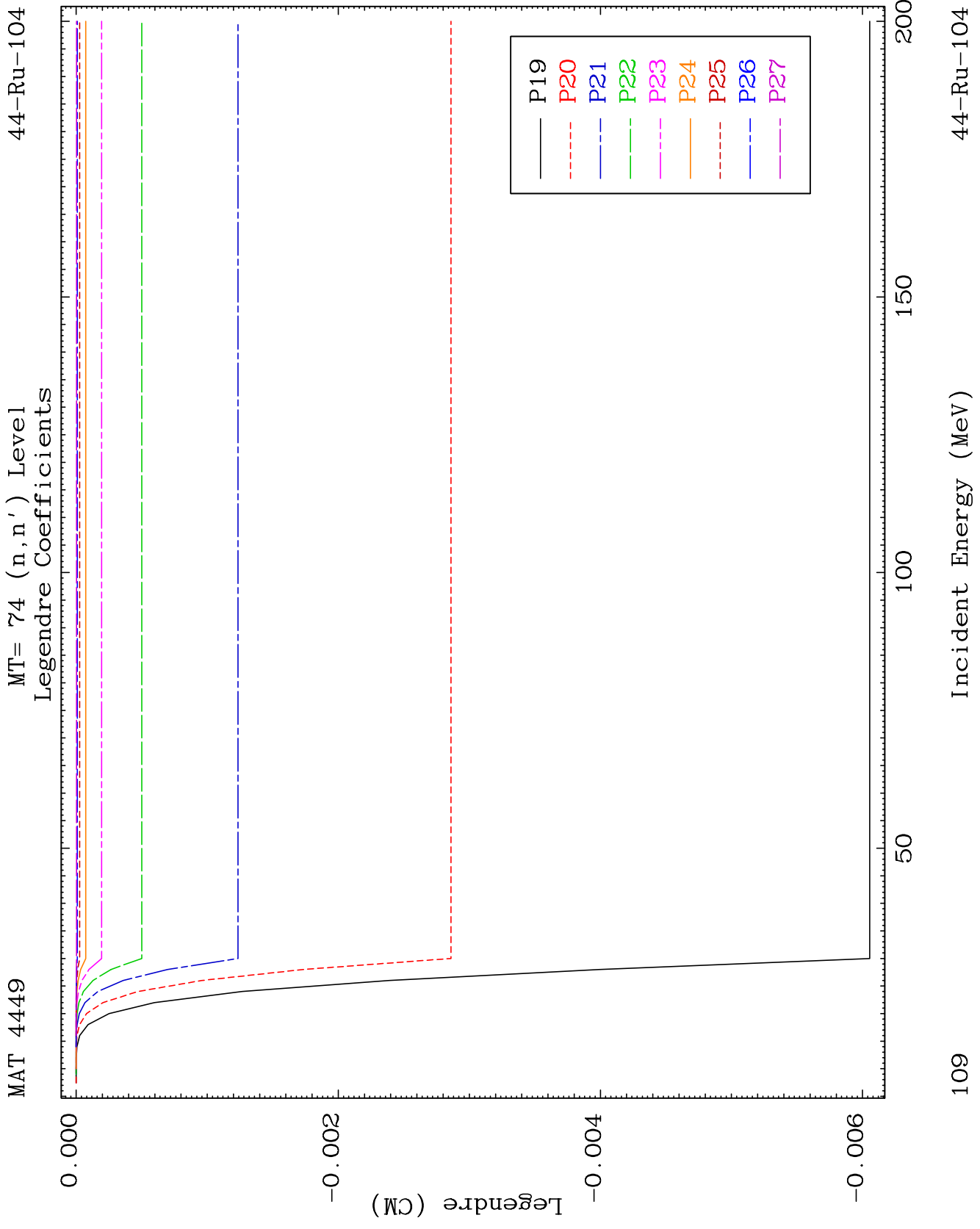
44-Ru-104

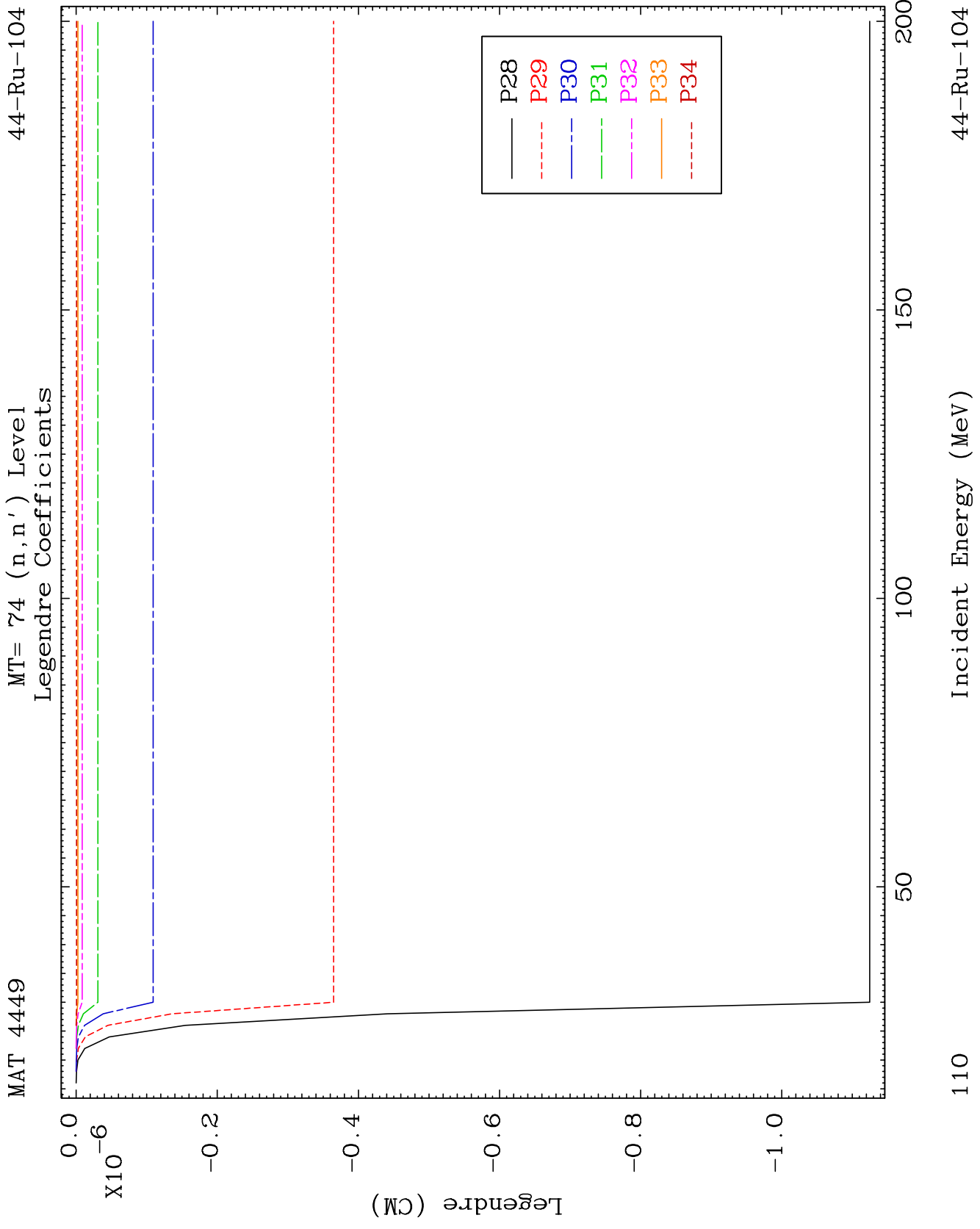


108

Incident Energy (MeV)

44-Ru-104

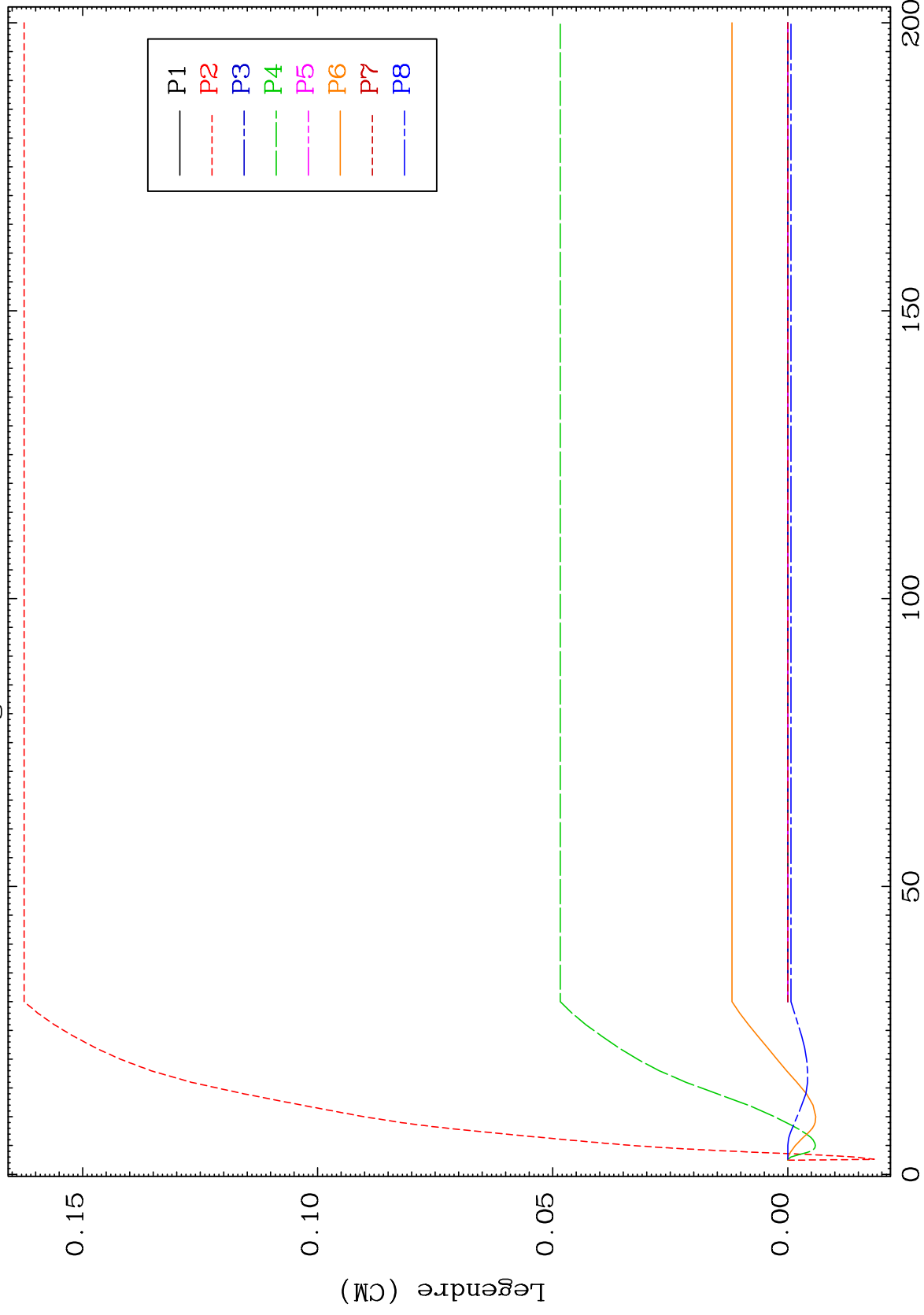




MAT 4449

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

44-Ru-104

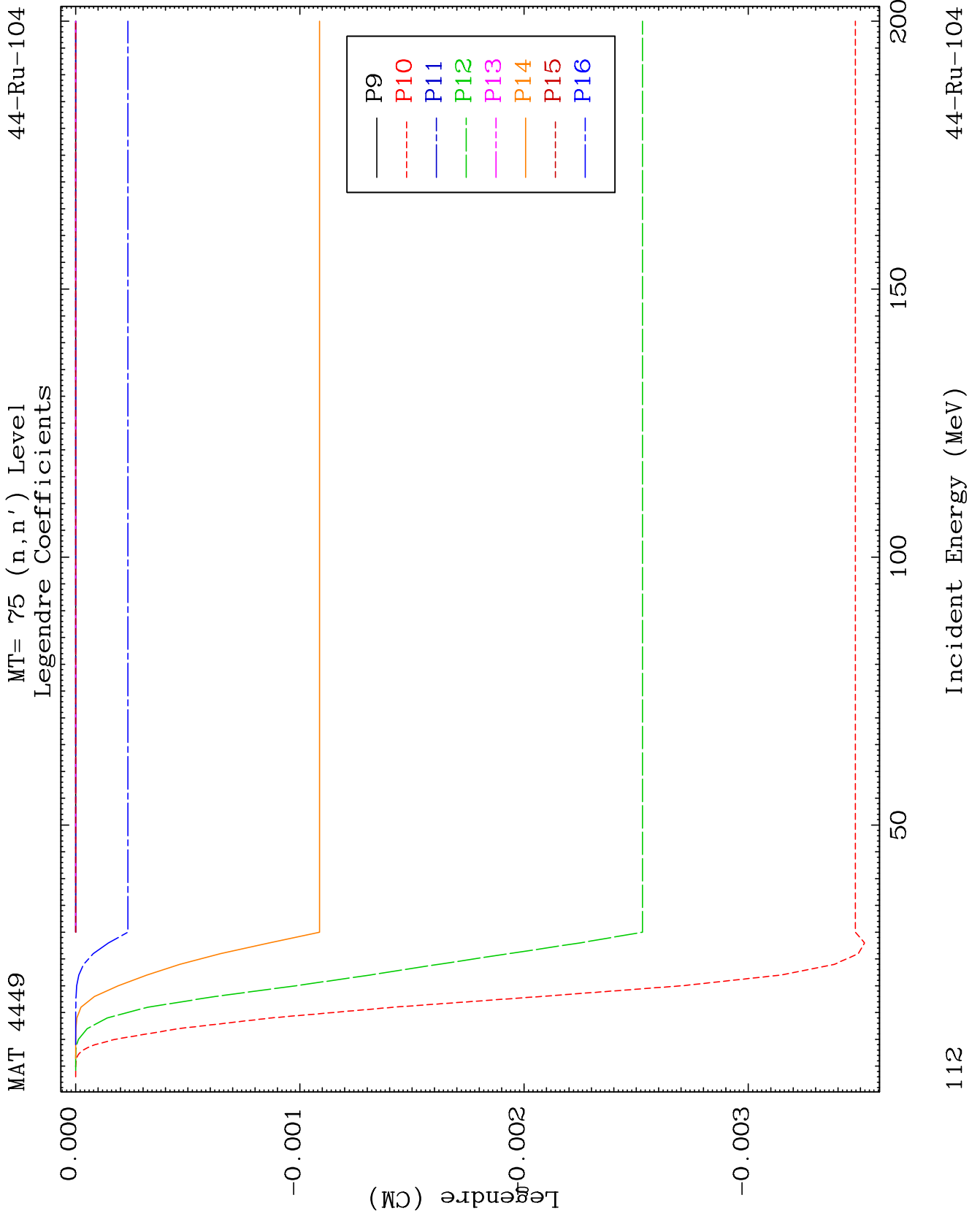


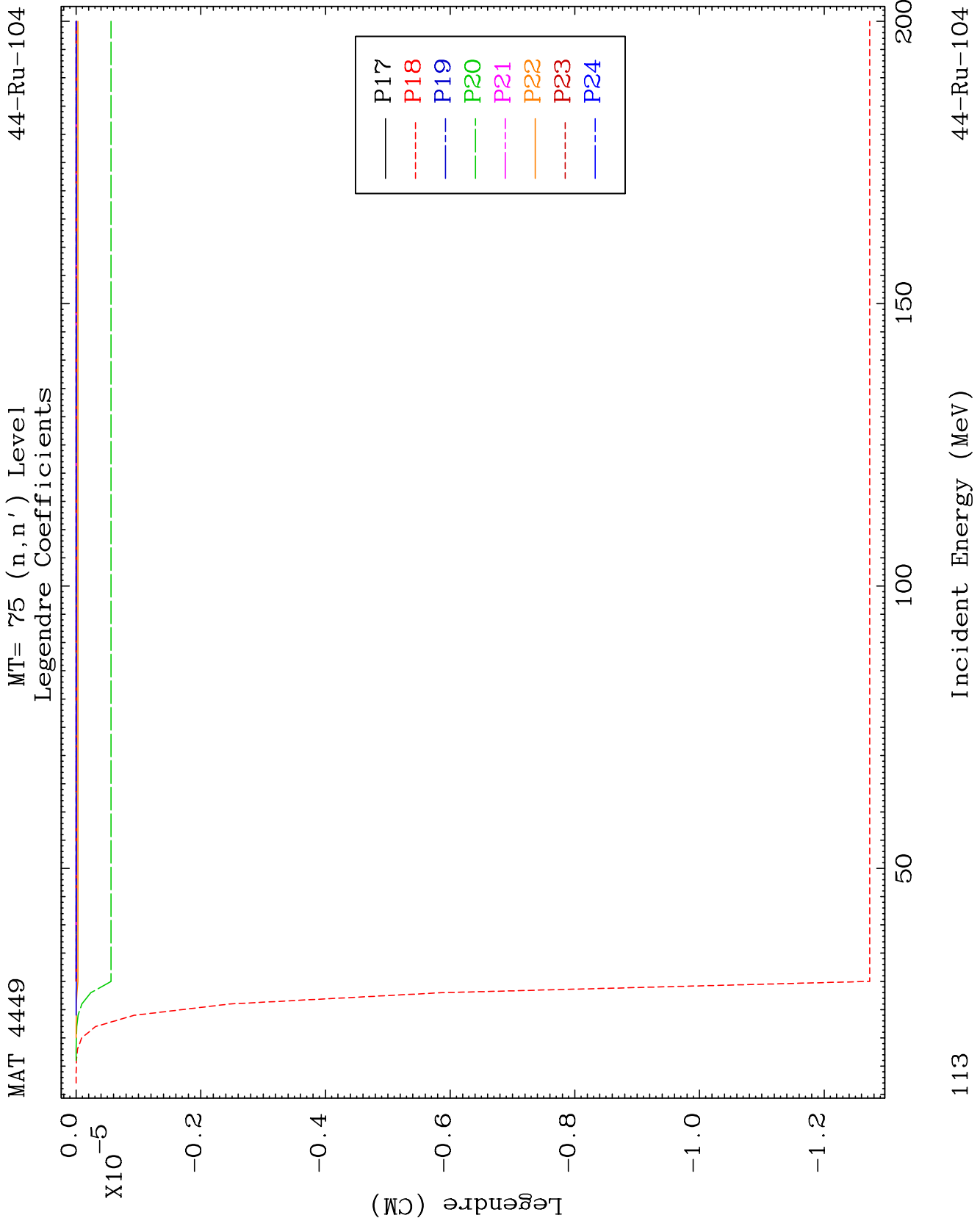
111

Incident Energy (MeV)

44-Ru-104



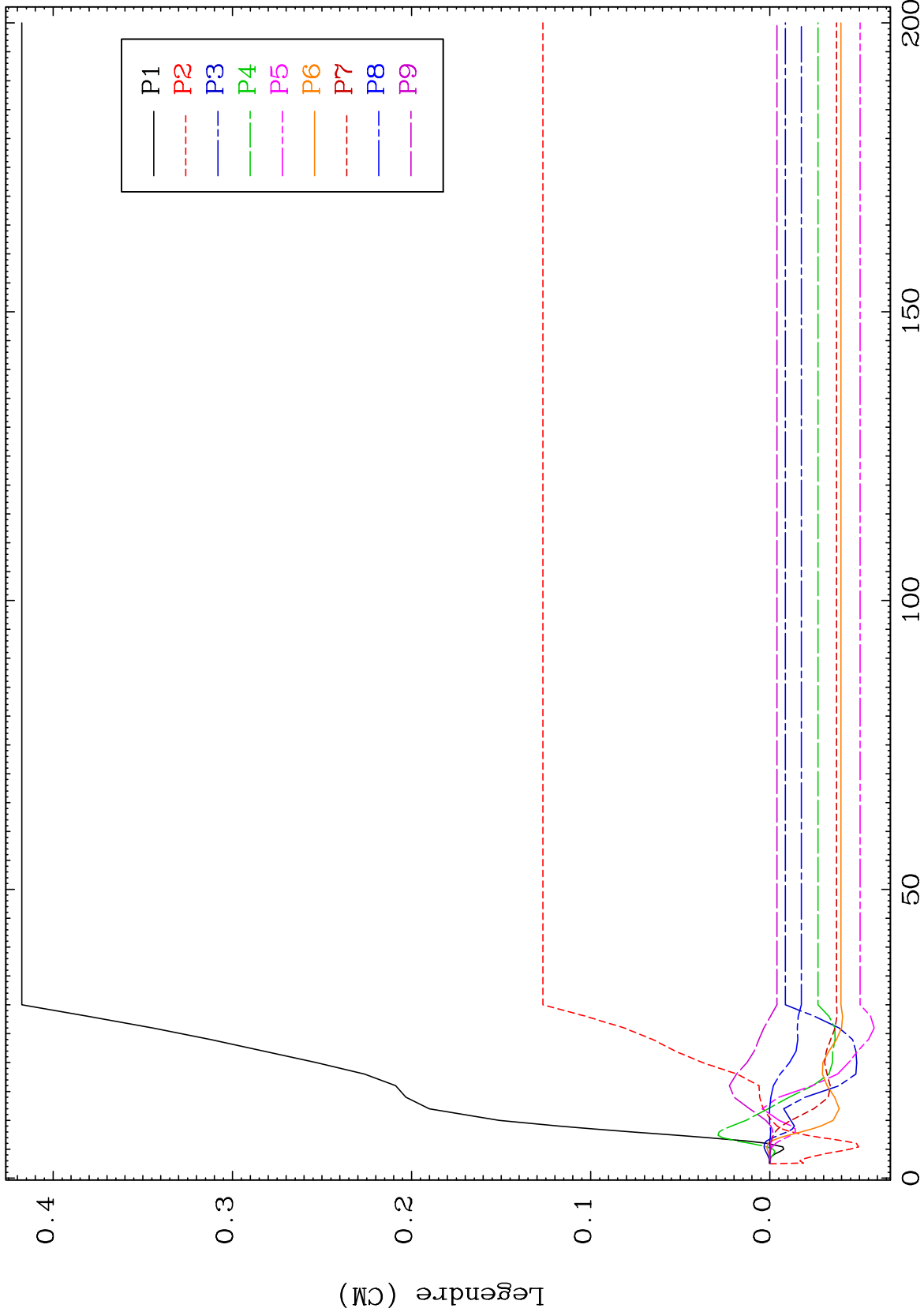




MAT 4449

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

44-Ru-104



114

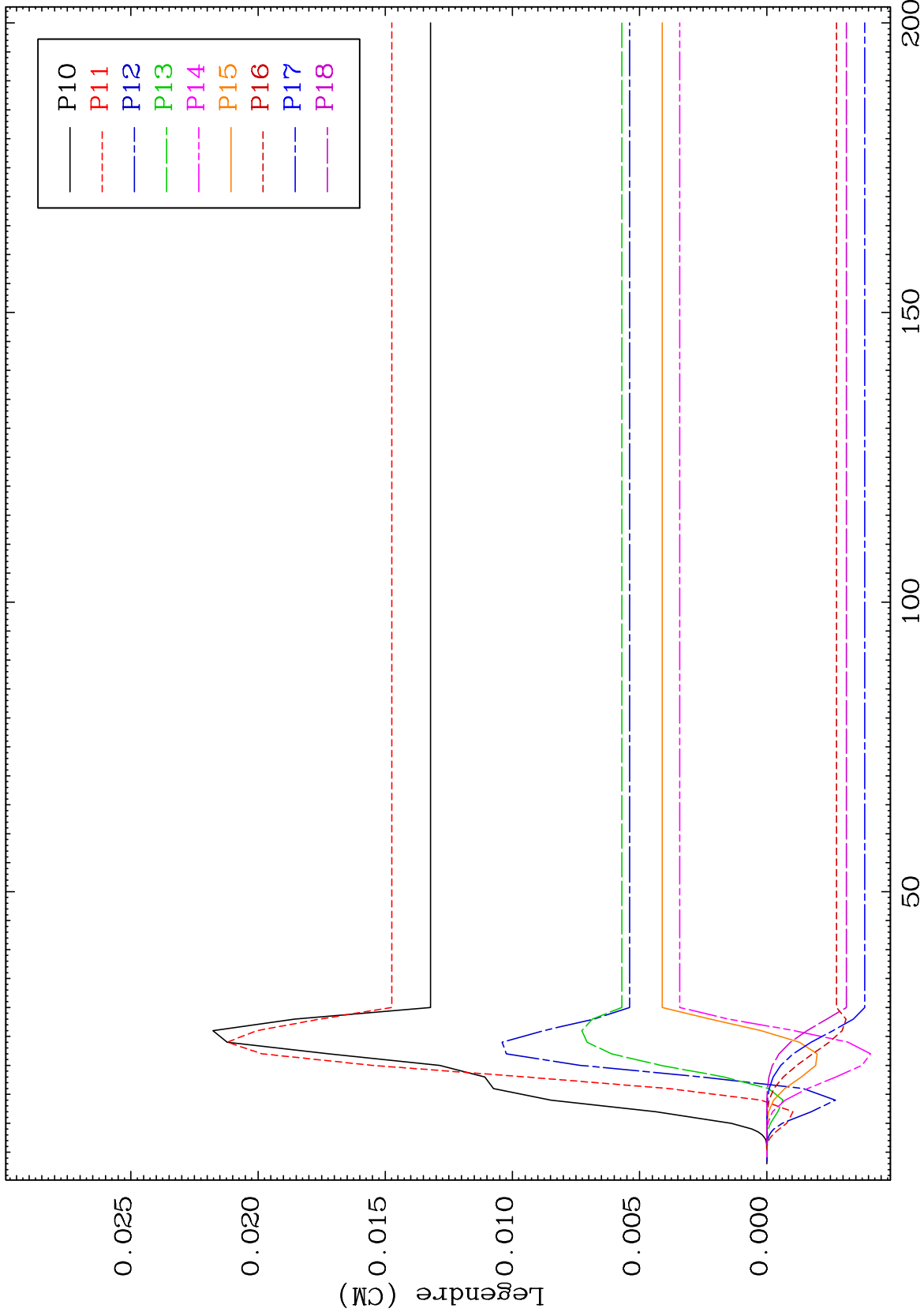
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



115

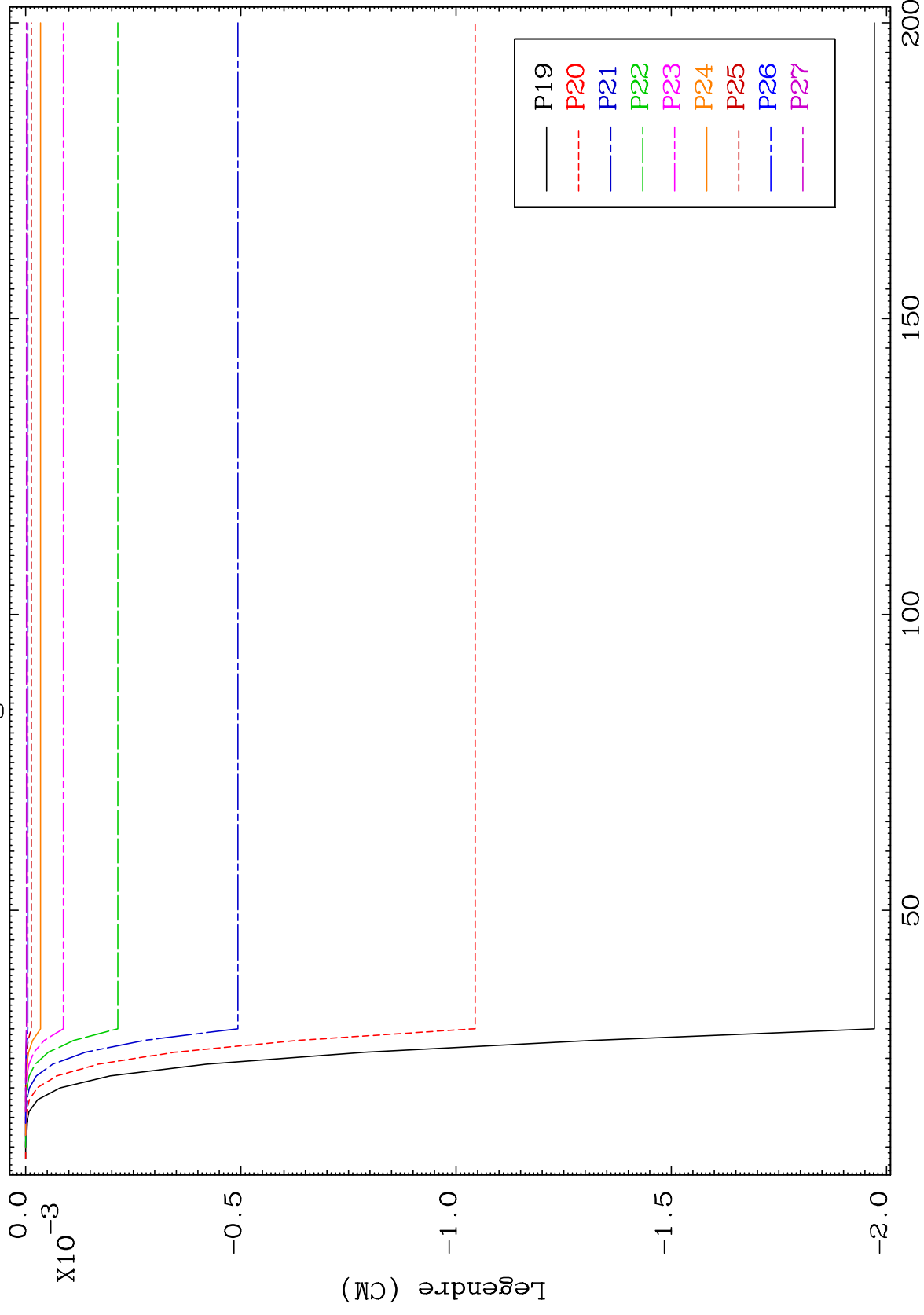
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

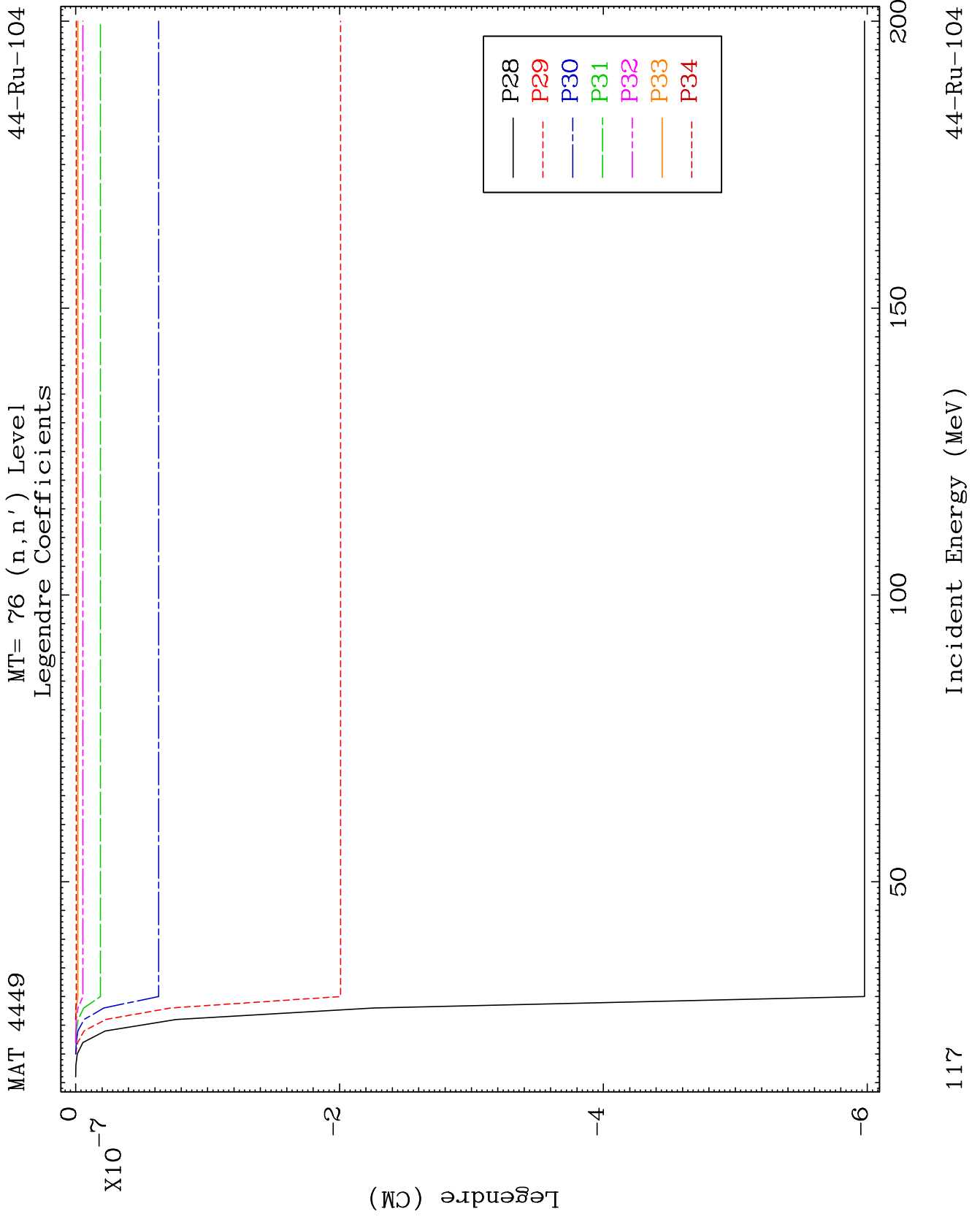
44-Ru-104



116

Incident Energy (MeV)

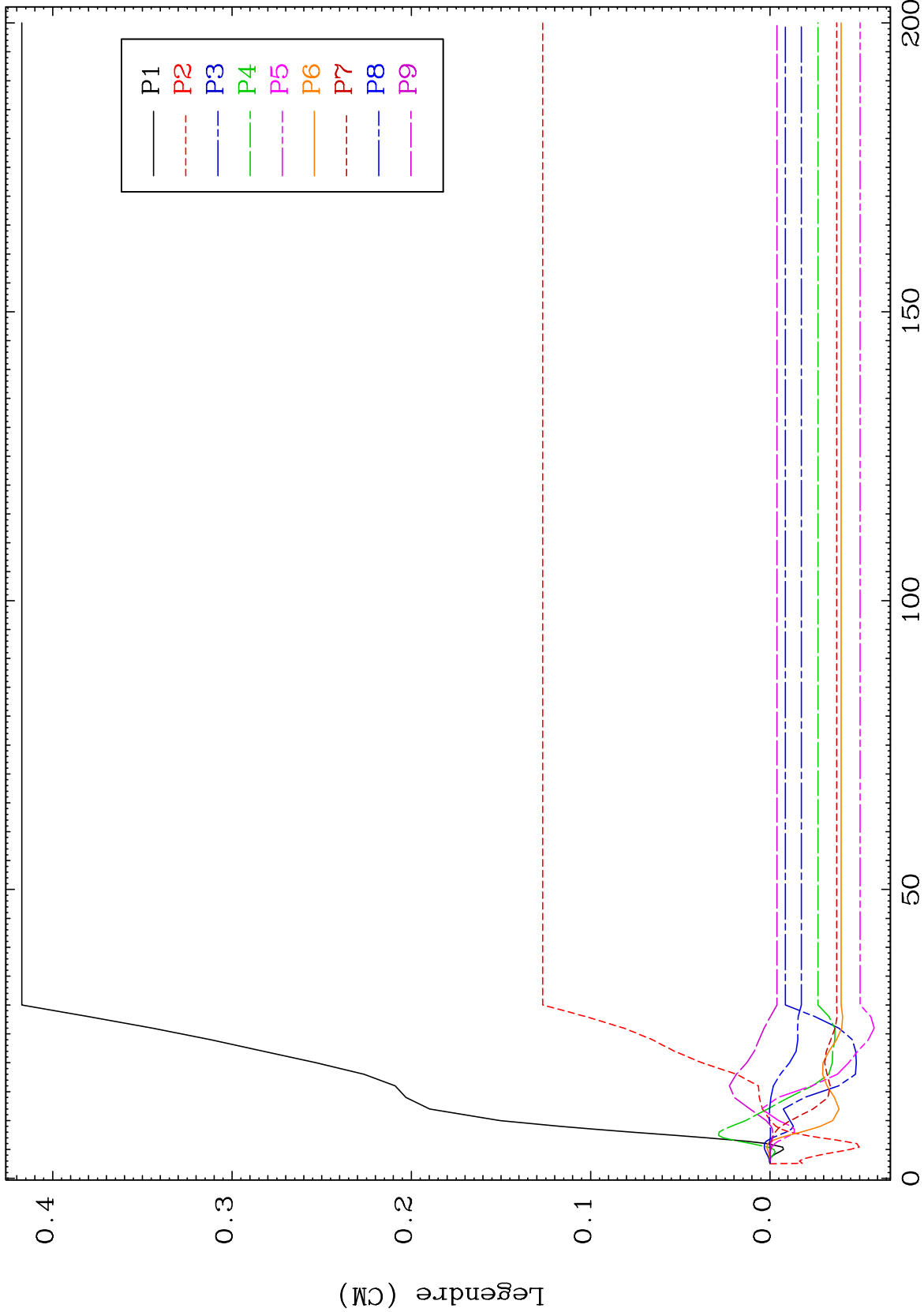
44-Ru-104



MAT 4449

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

44-Ru-104



118

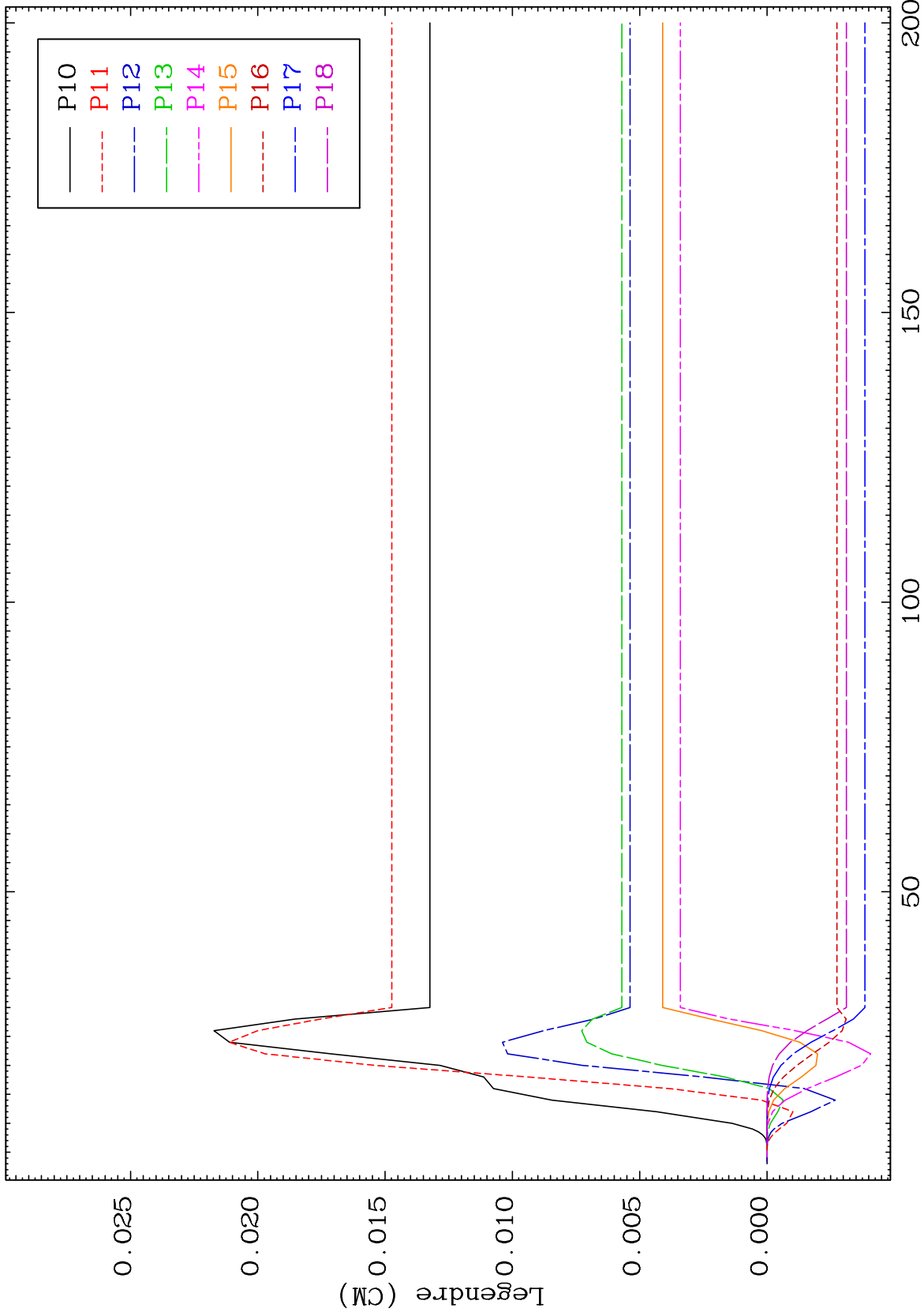
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



119

Incident Energy (MeV)

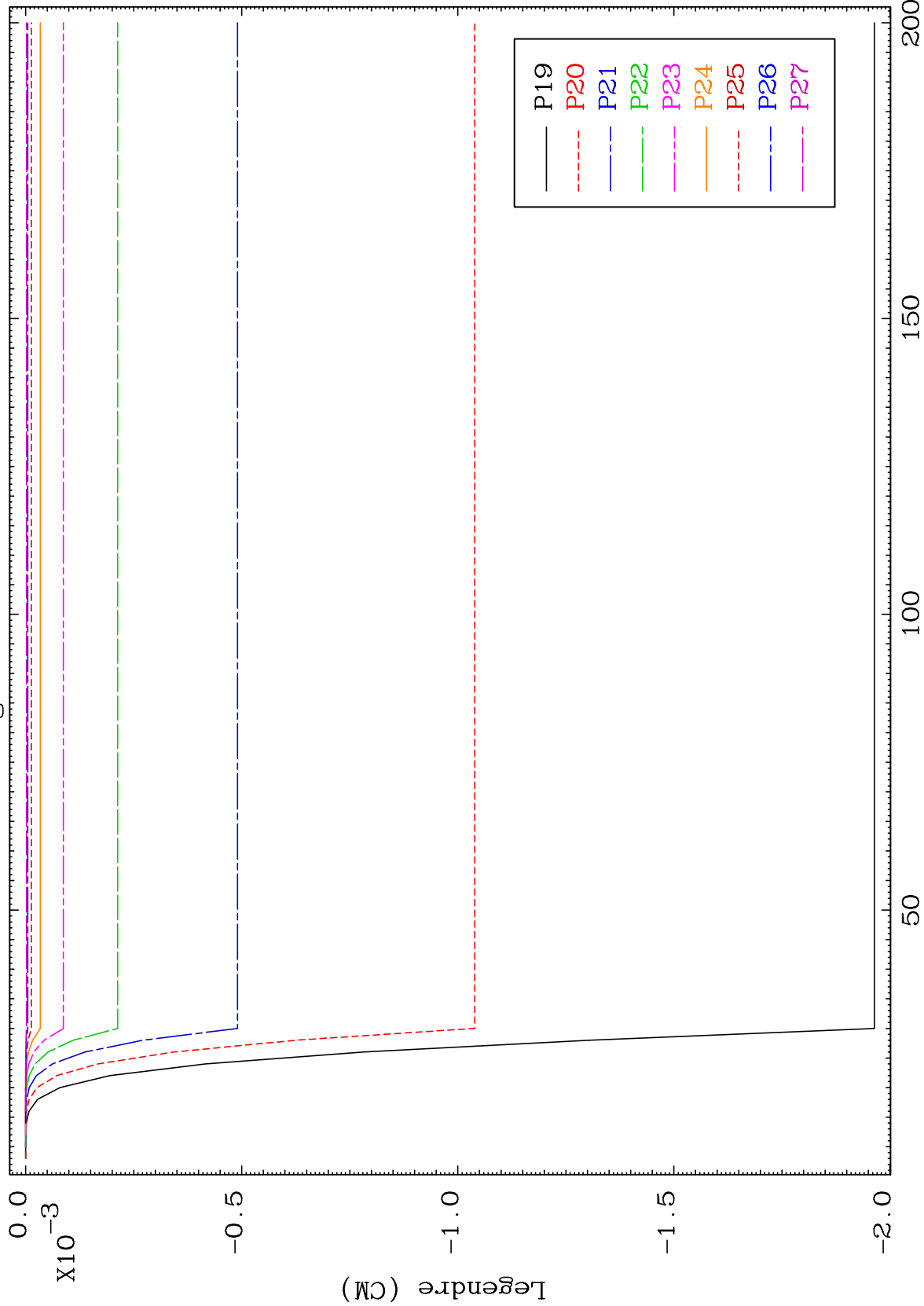
44-Ru-104



MAT 4449

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

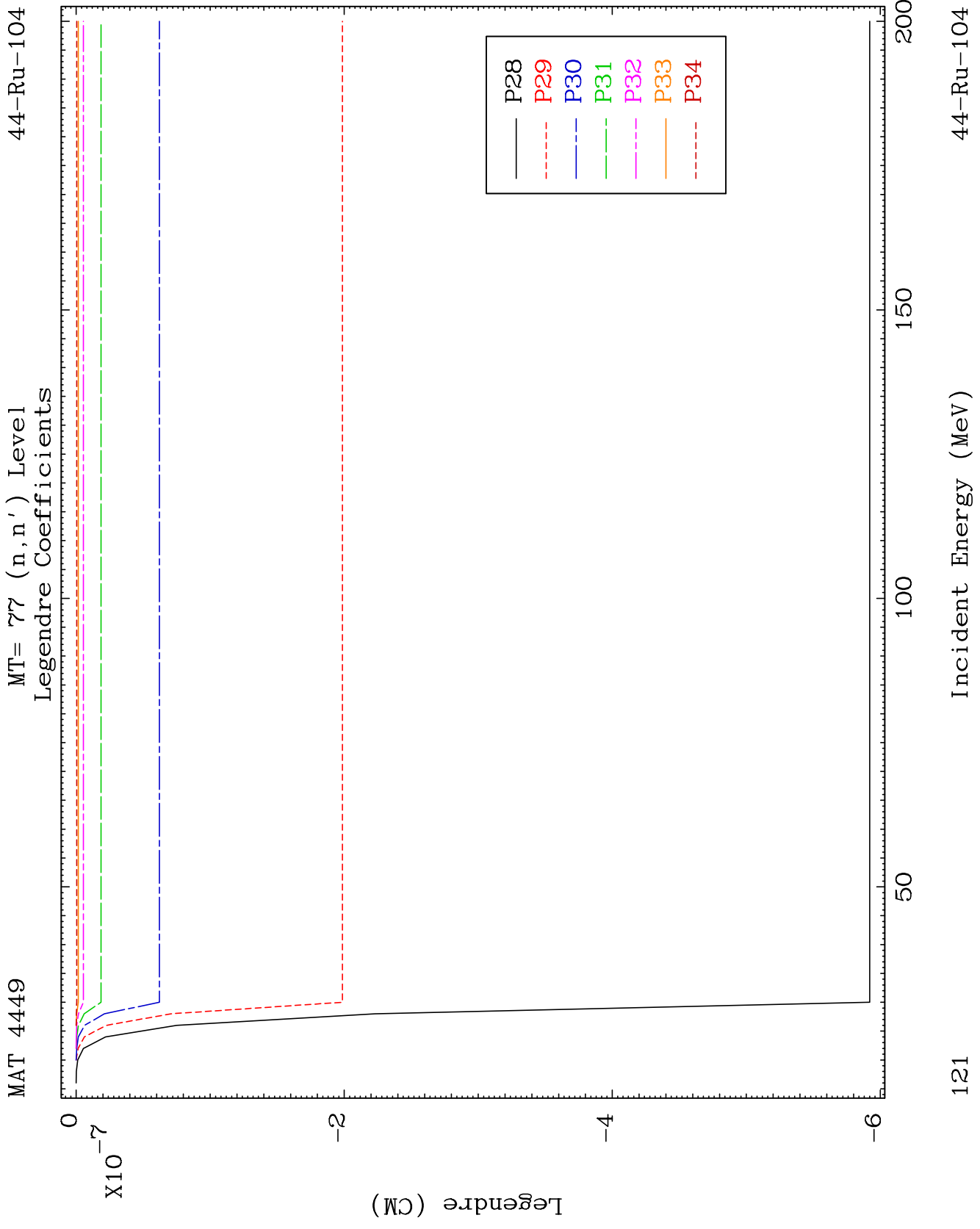
44-Ru-104



120

Incident Energy (MeV)

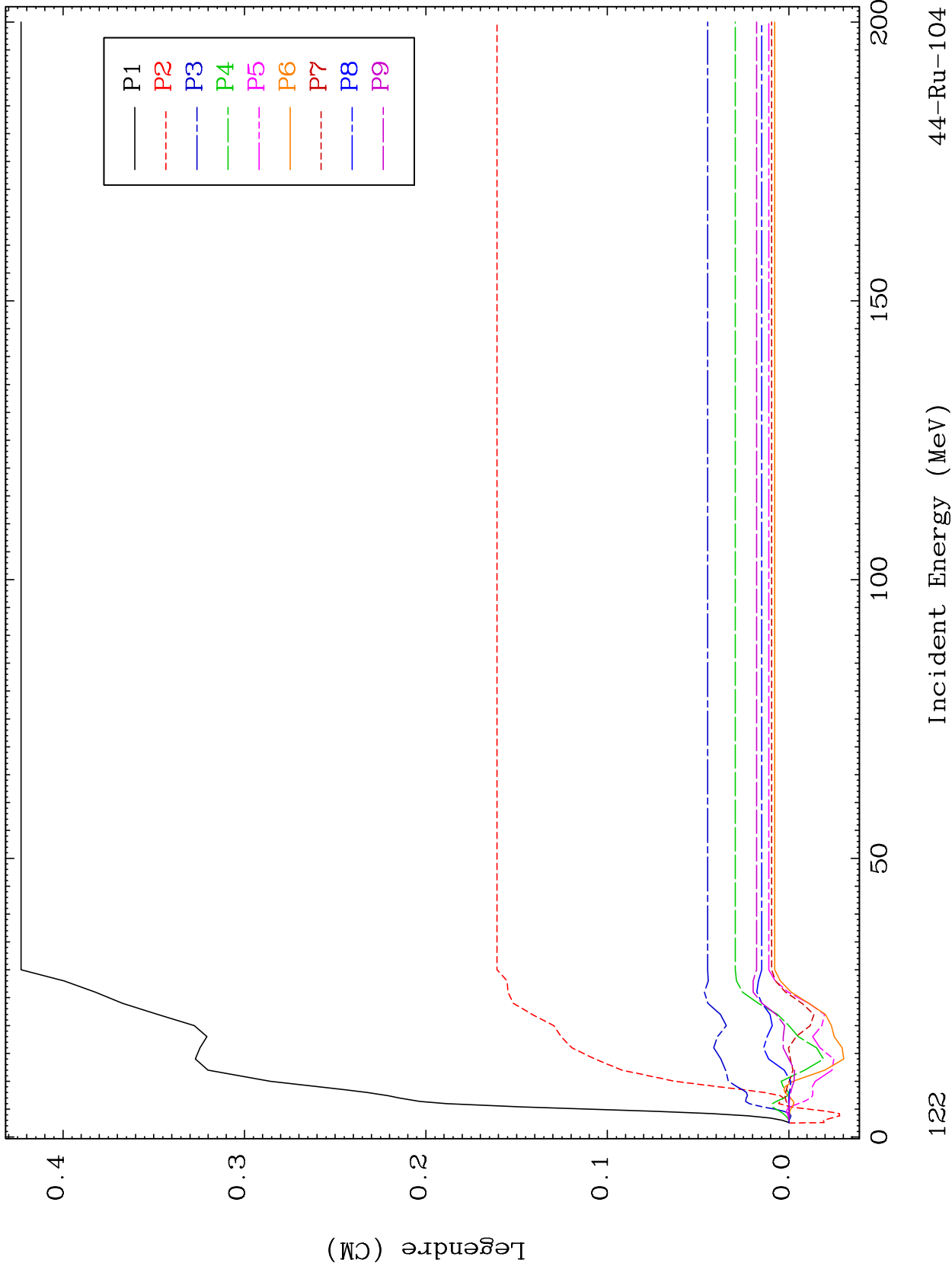
44-Ru-104



MAT 4449

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

44-Ru-104



44-Ru-104

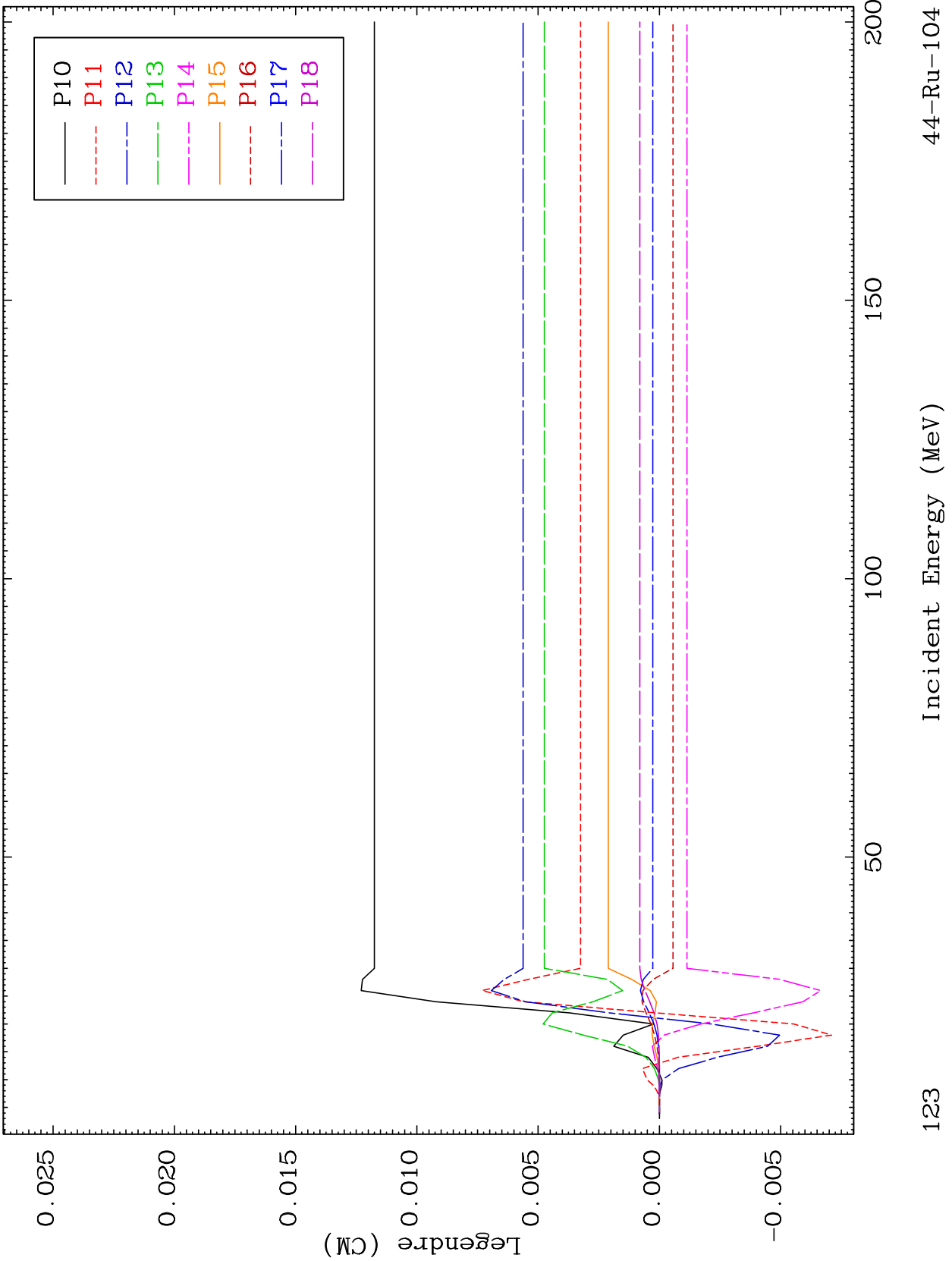
Incident Energy (MeV)

122

MAT 4449

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

44-Ru-104



123

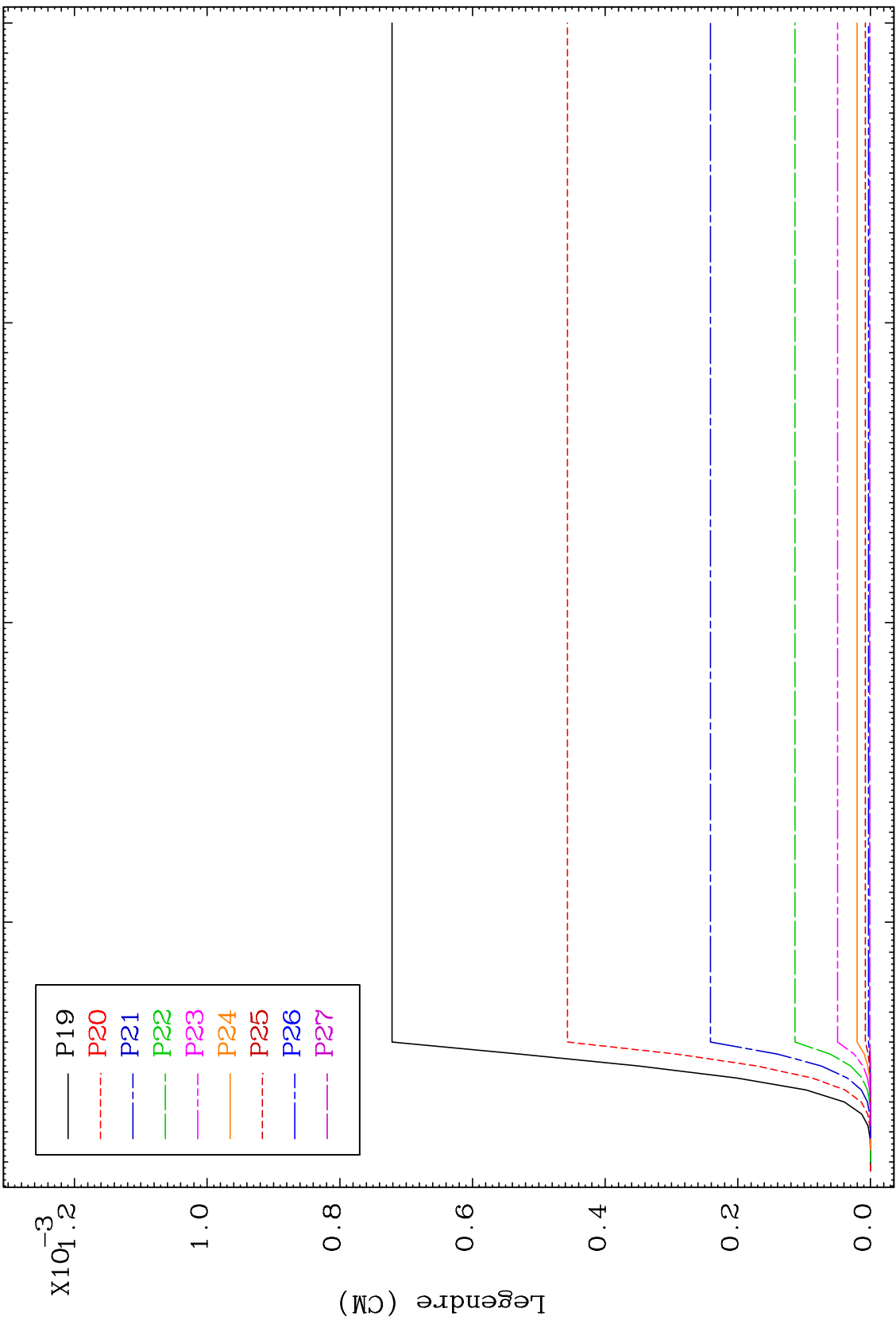
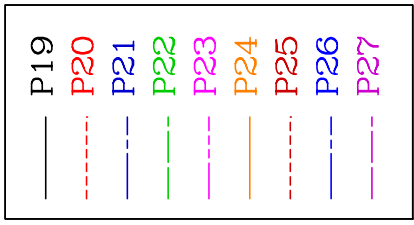
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



124

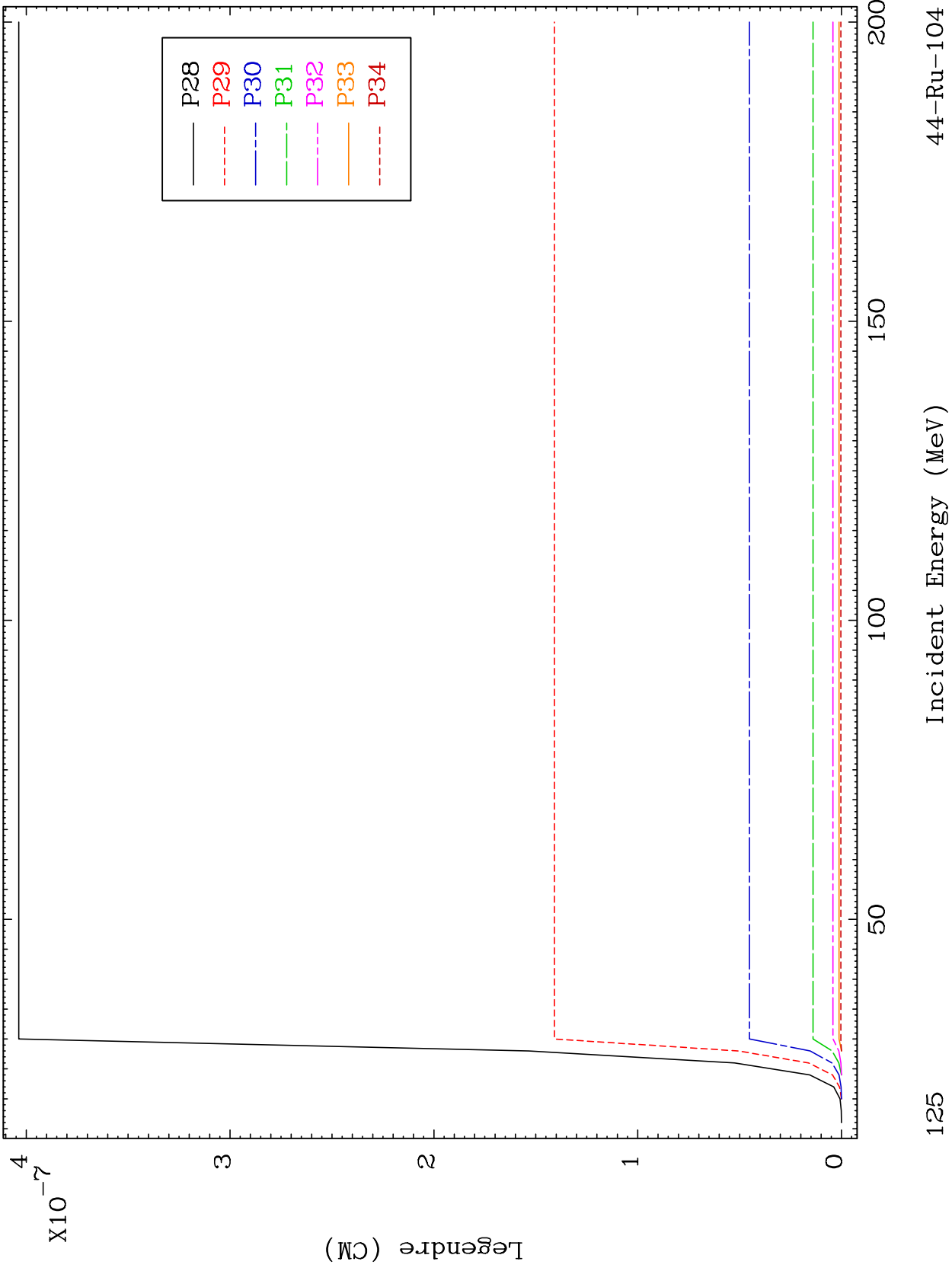
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

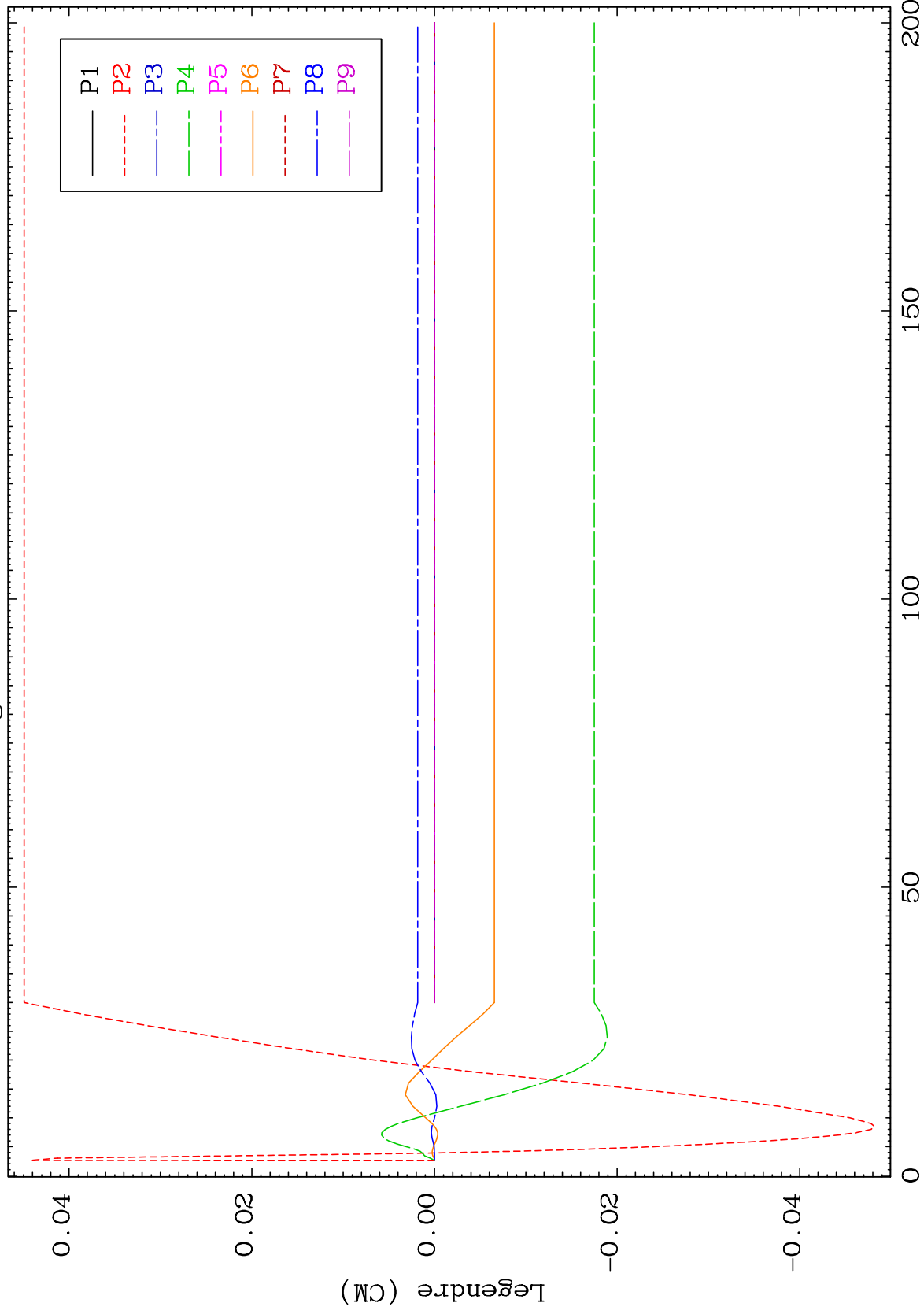
44-Ru-104



MAT 4449

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

44-Ru-104



126

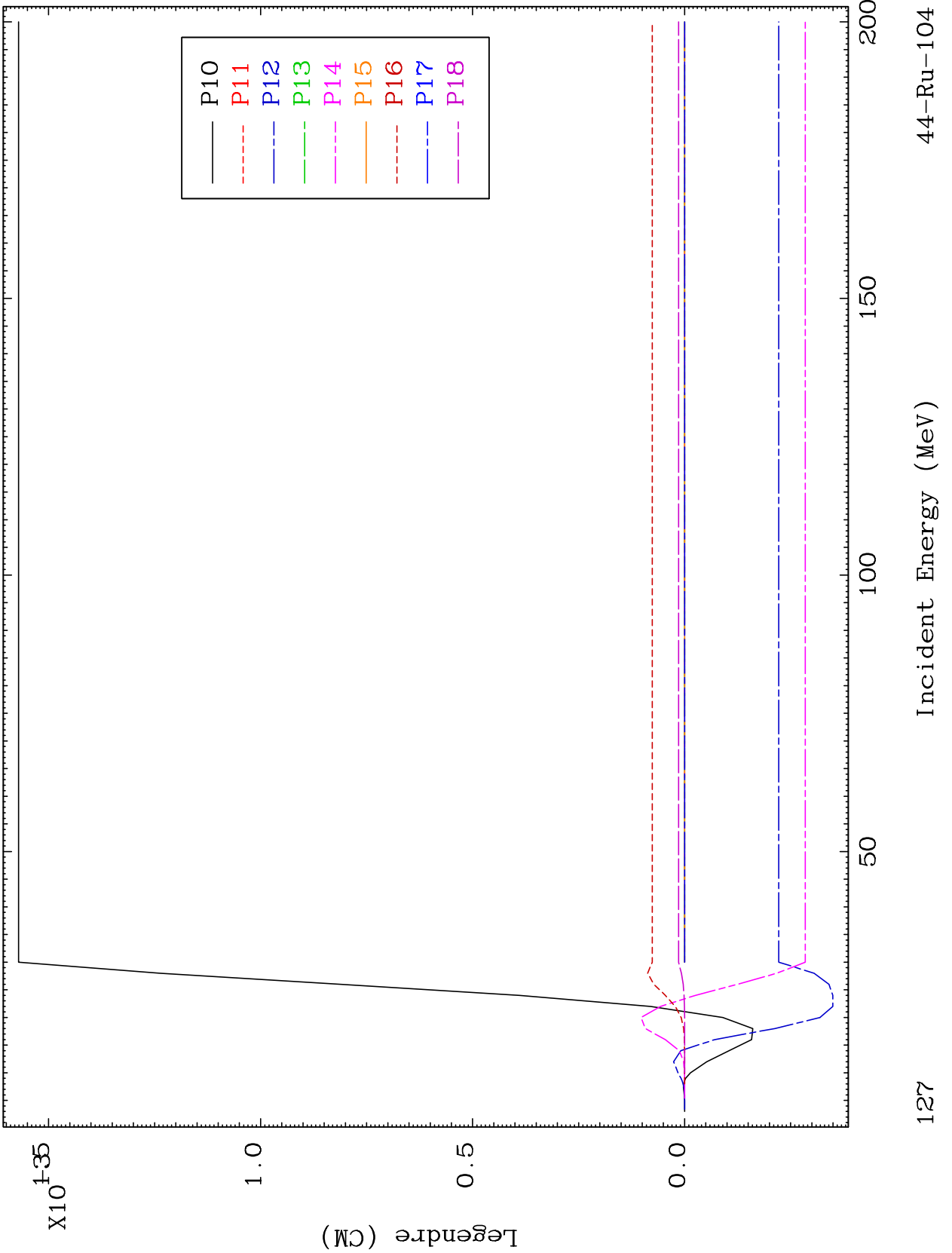
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



127

Incident Energy (MeV)

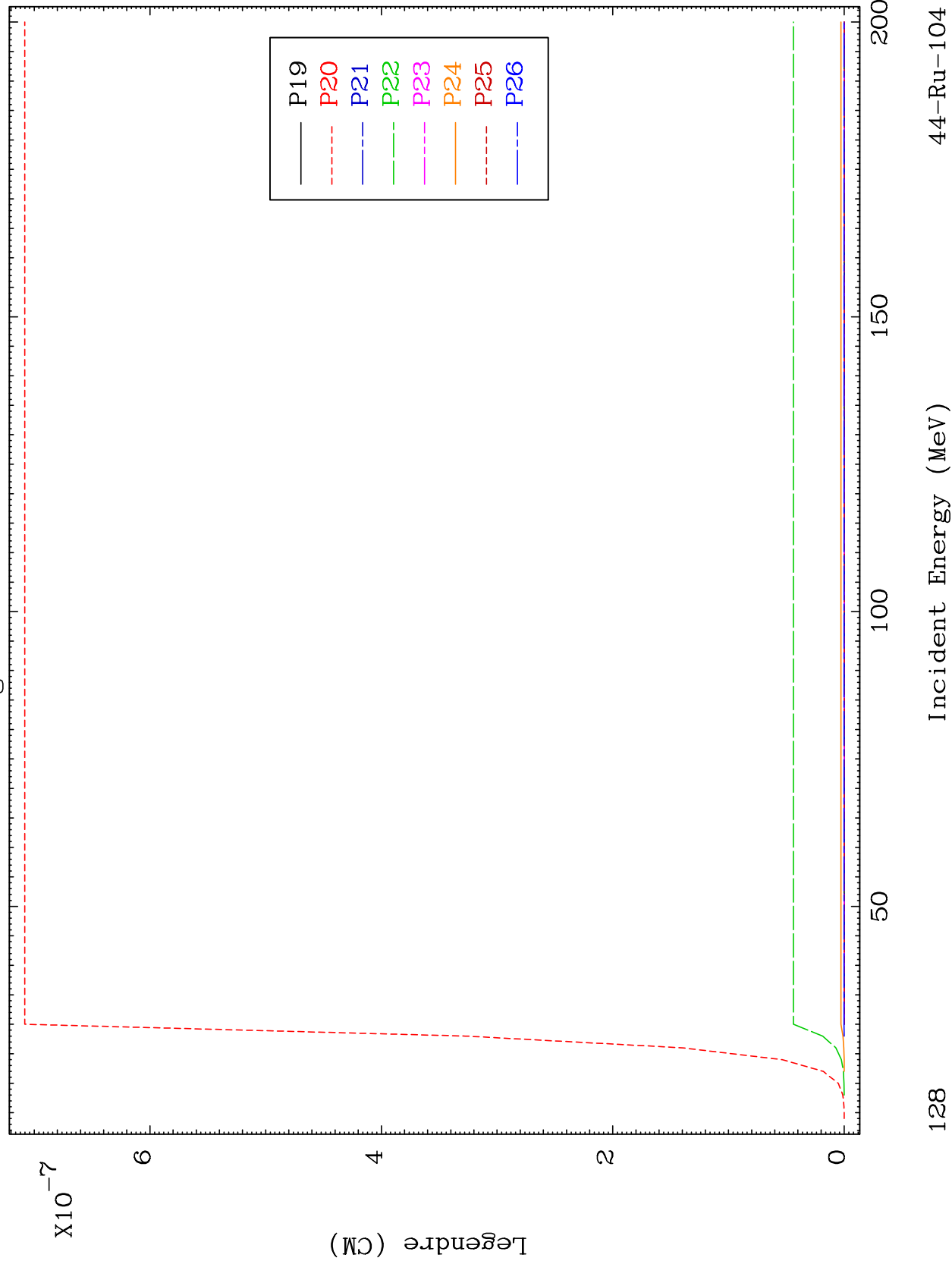
44-Ru-104



MAT 4449

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

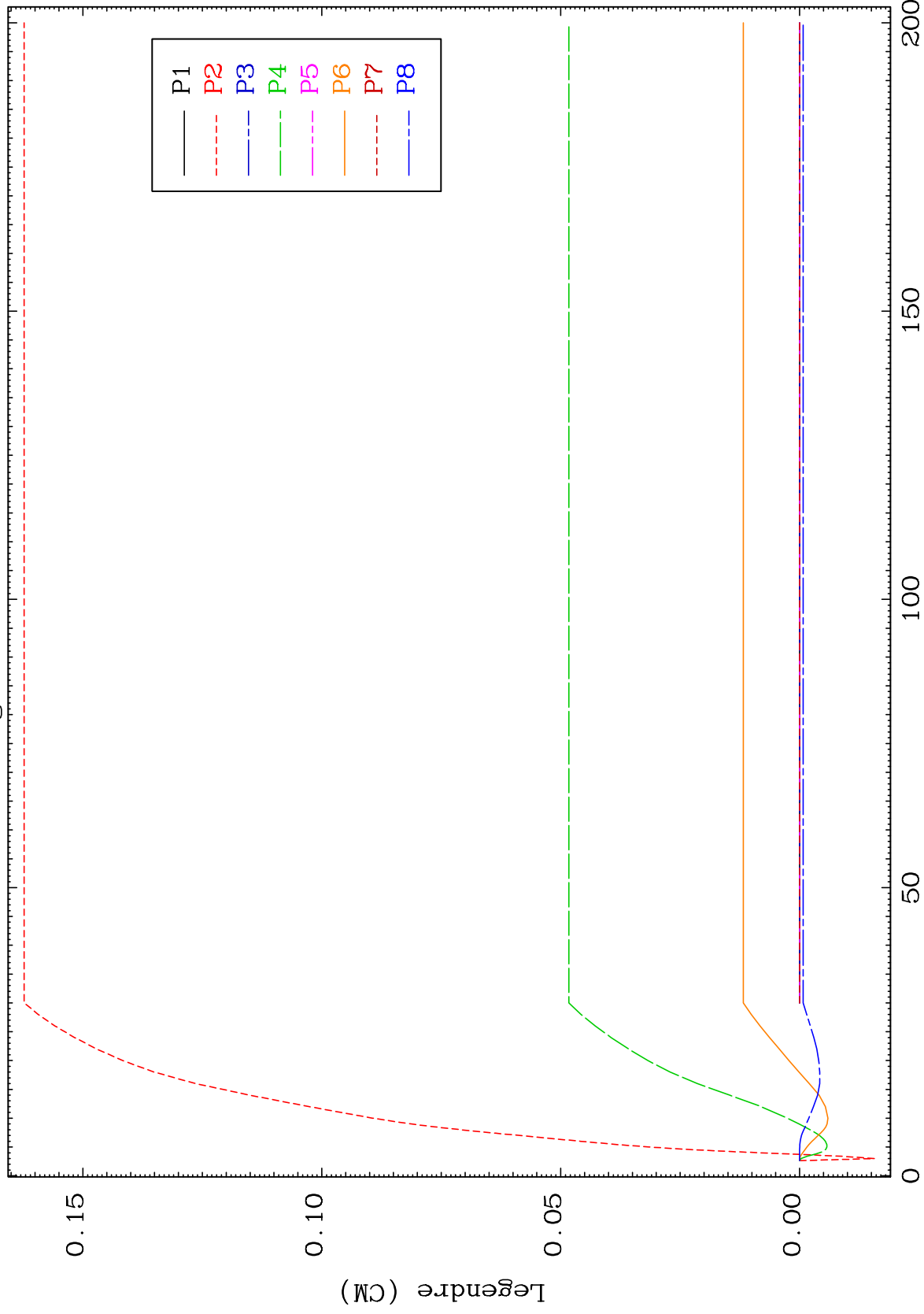
44-Ru-104



MAT 4449

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

44-Ru-104

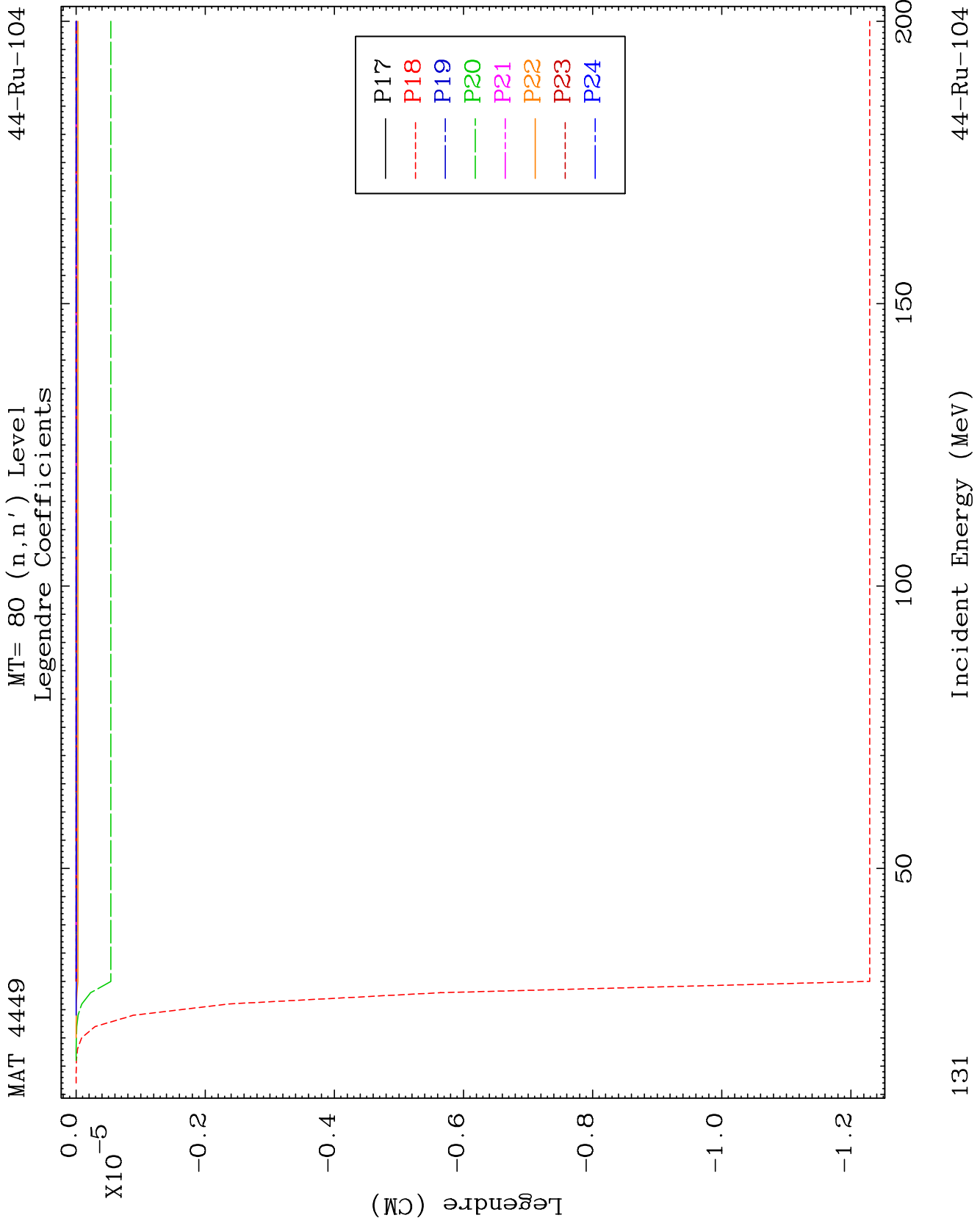


129

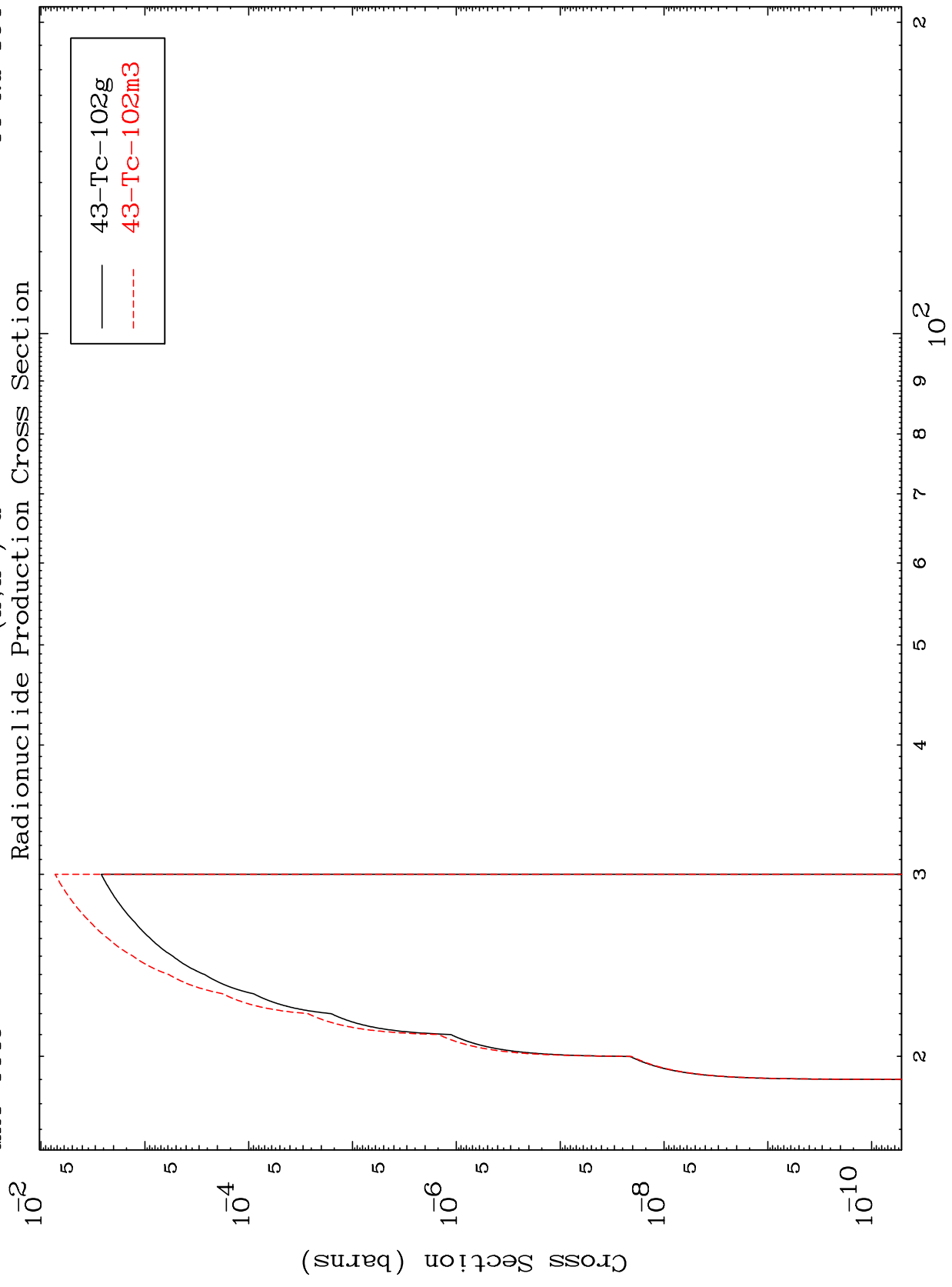
Incident Energy (MeV)

44-Ru-104





(n,n') d  
Radionuclide Production Cross Section

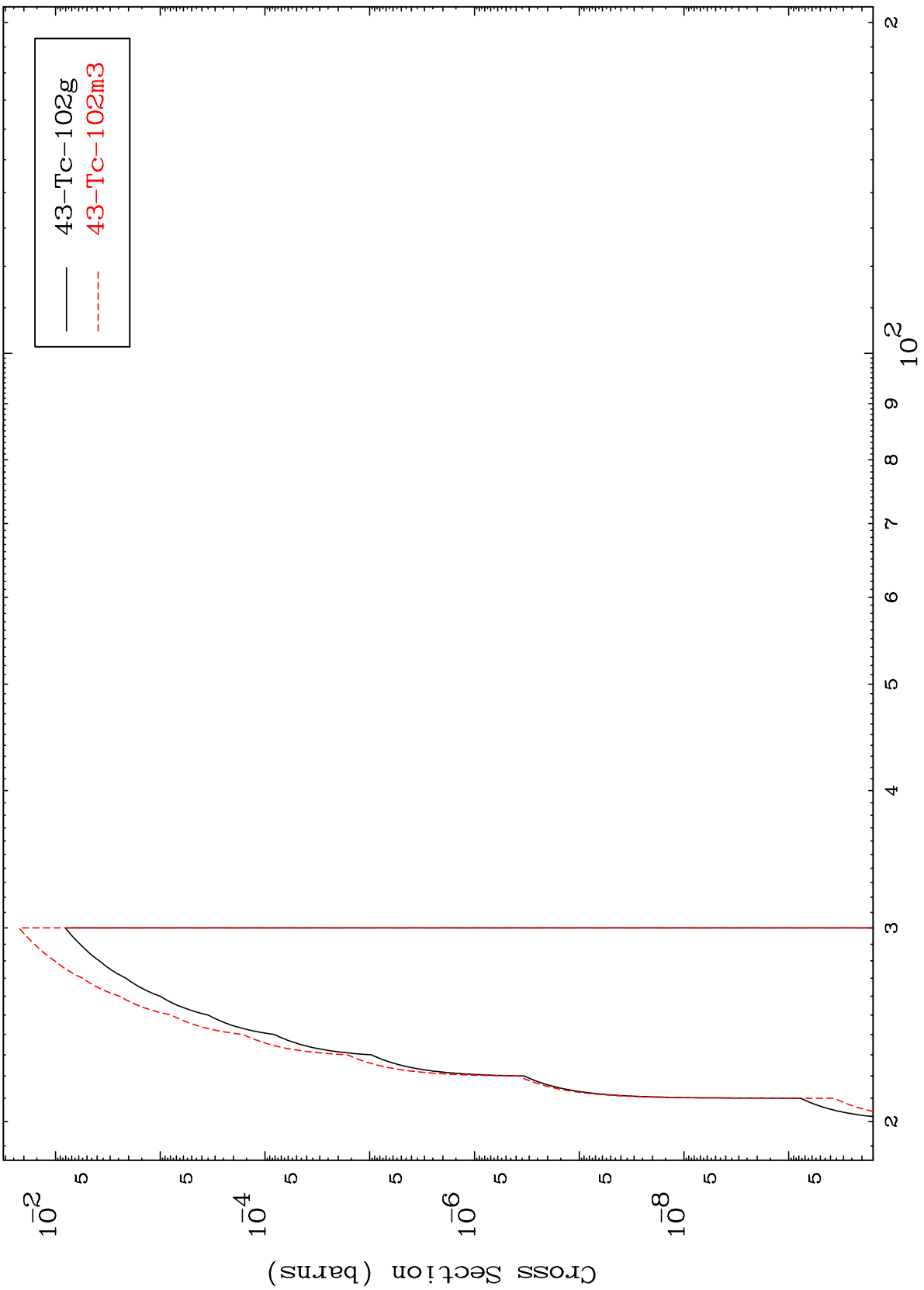


MAT 4449

(n,2n) p

44-Ru-104

Radionuclide Production Cross Section



133

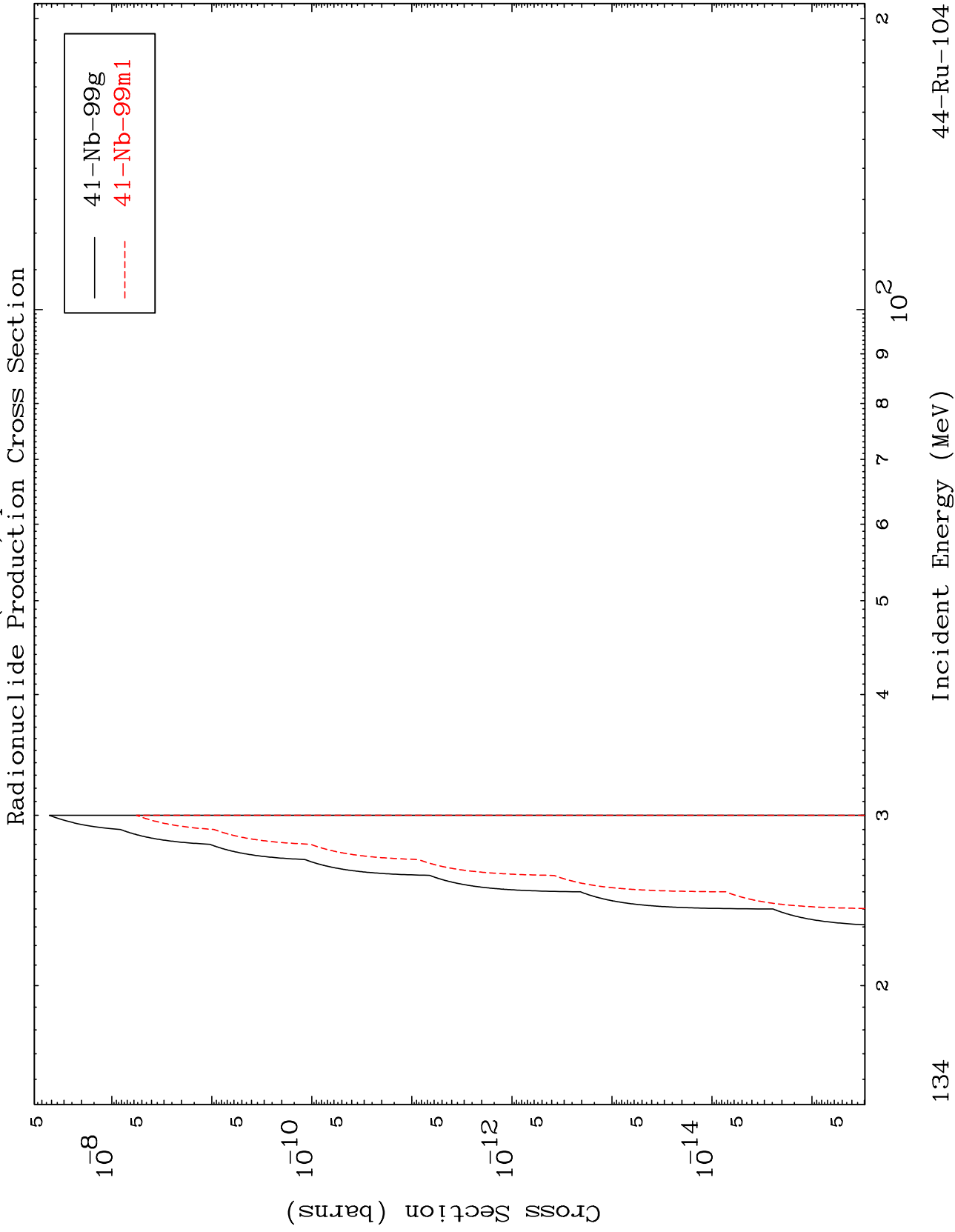
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,n') p  $\alpha$

44-Ru-104



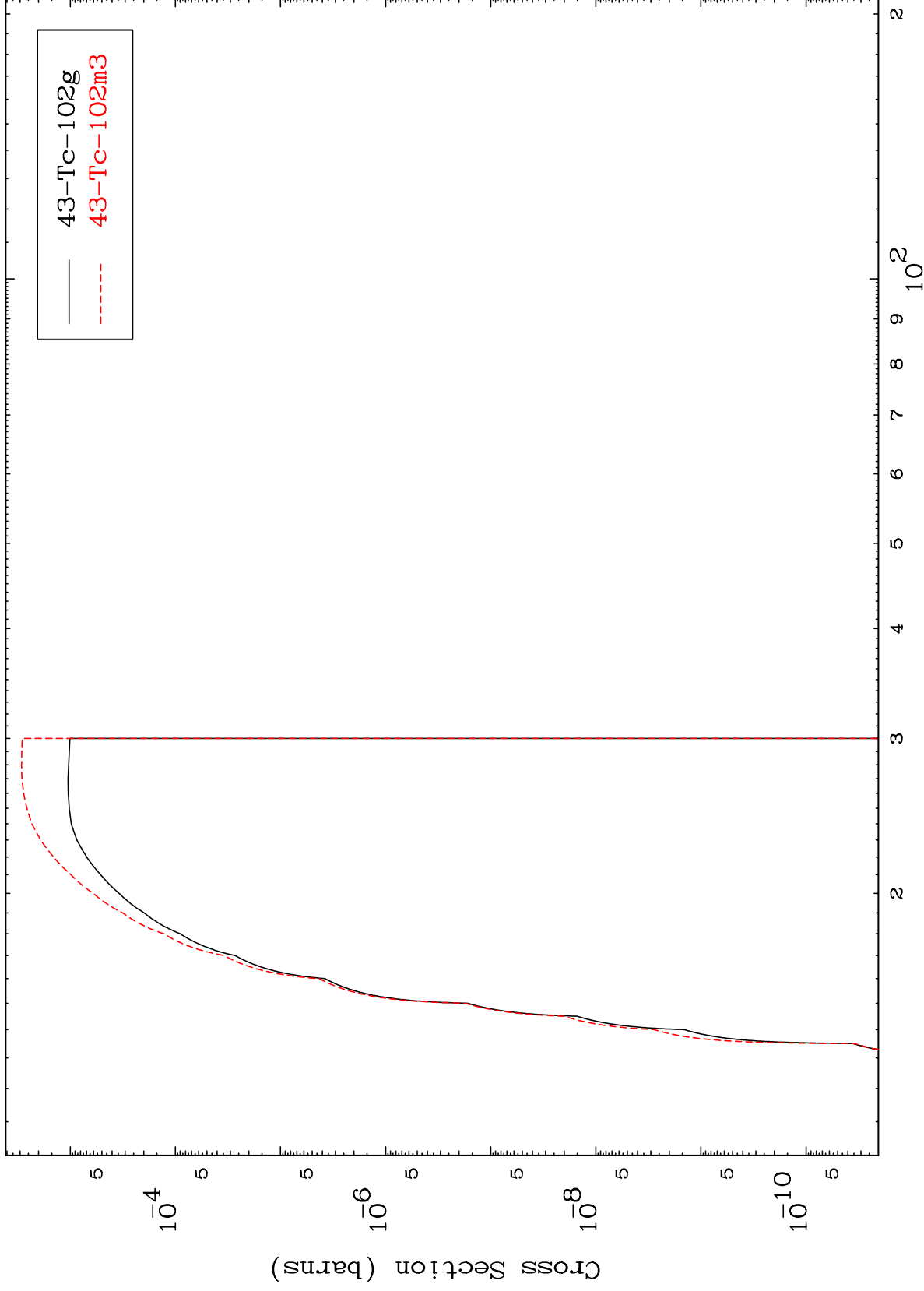
134

44-Ru-104

MAT 4449

44-Ru-104

(n, t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

44-Ru-104

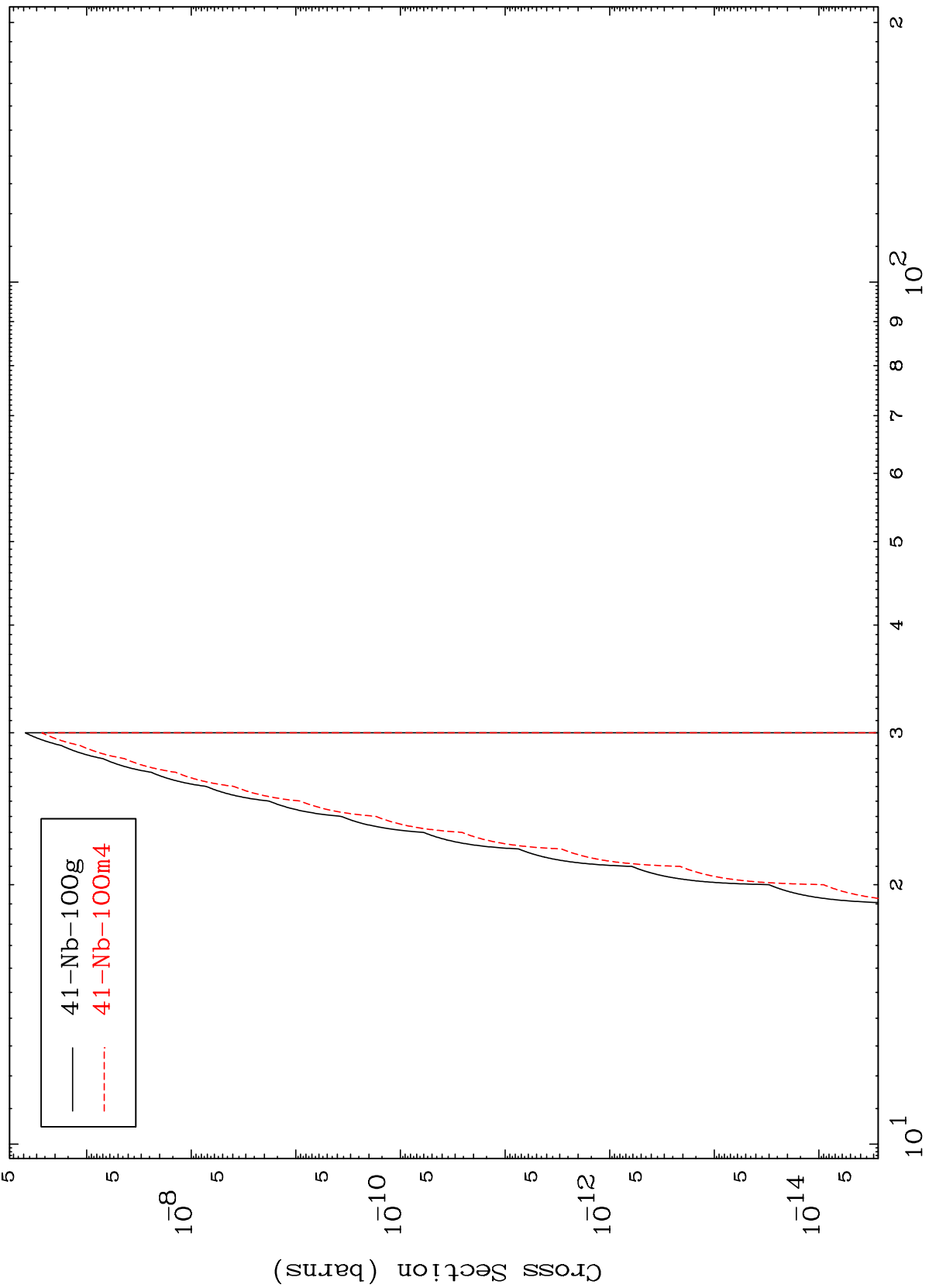


MAT 4449

(n,p)  $\alpha$

44-Ru-104

Radionuclide Production Cross Section



41-Nb-100g  
41-Nb-100m4

136

Incident Energy (MeV)

44-Ru-104