

Program EVALPLOT  
(Version 2018-1)

by

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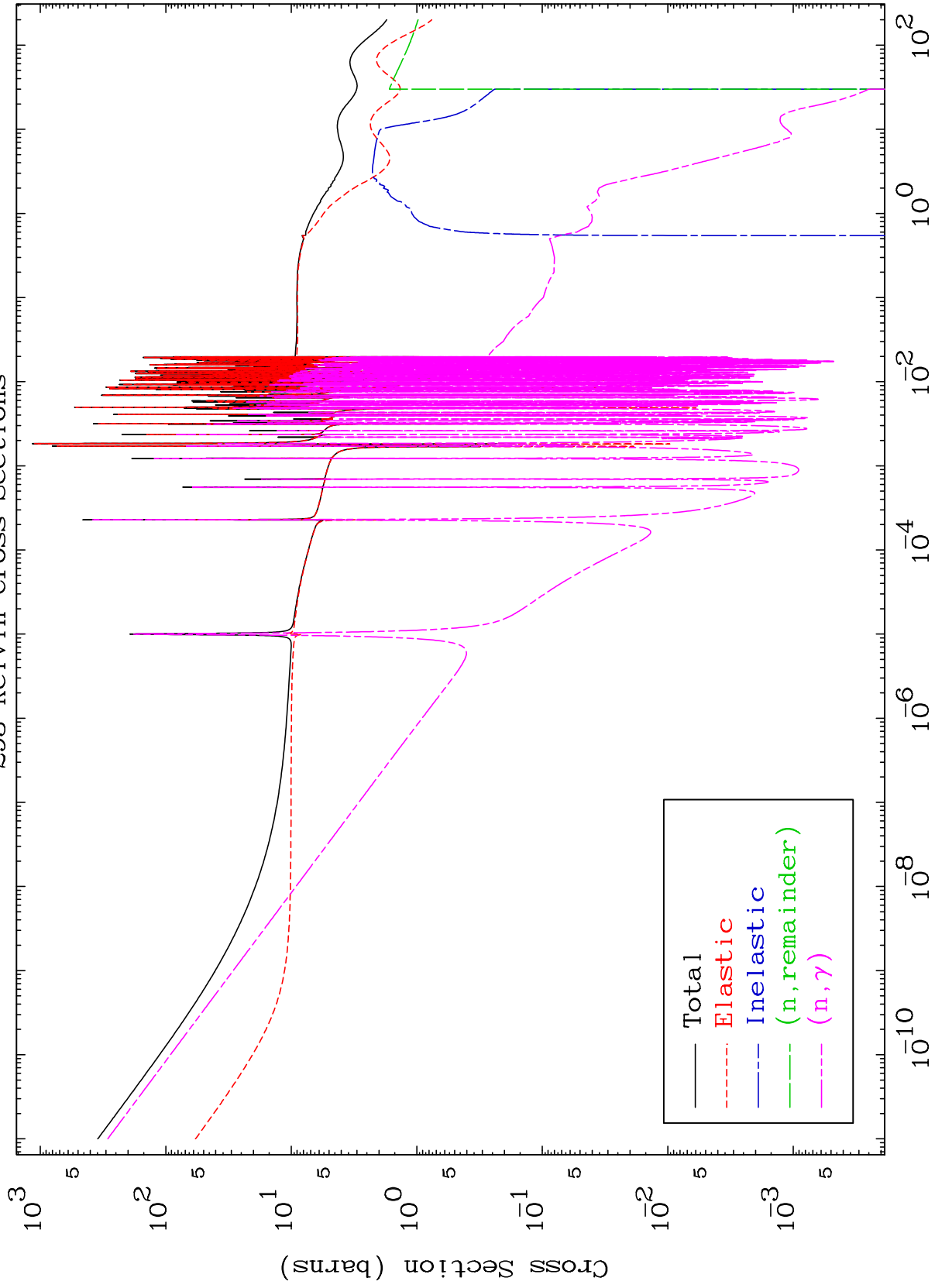
Press Mouse Button to Start

MAT 4437

Major

293 Kelvin Cross Sections

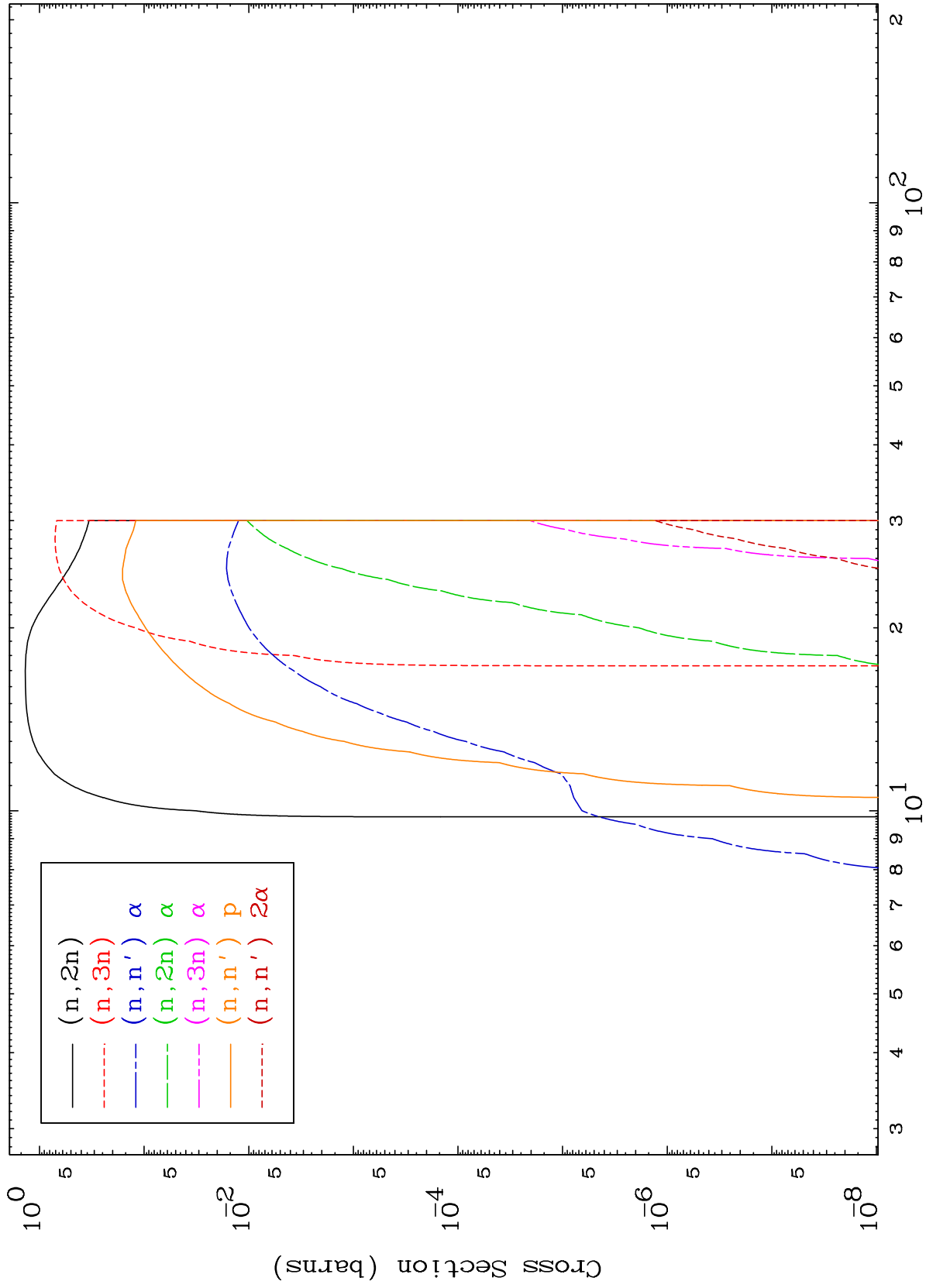
44-Ru-100



MAT 4437

Neutron Production  
293 Kelvin Cross Sections

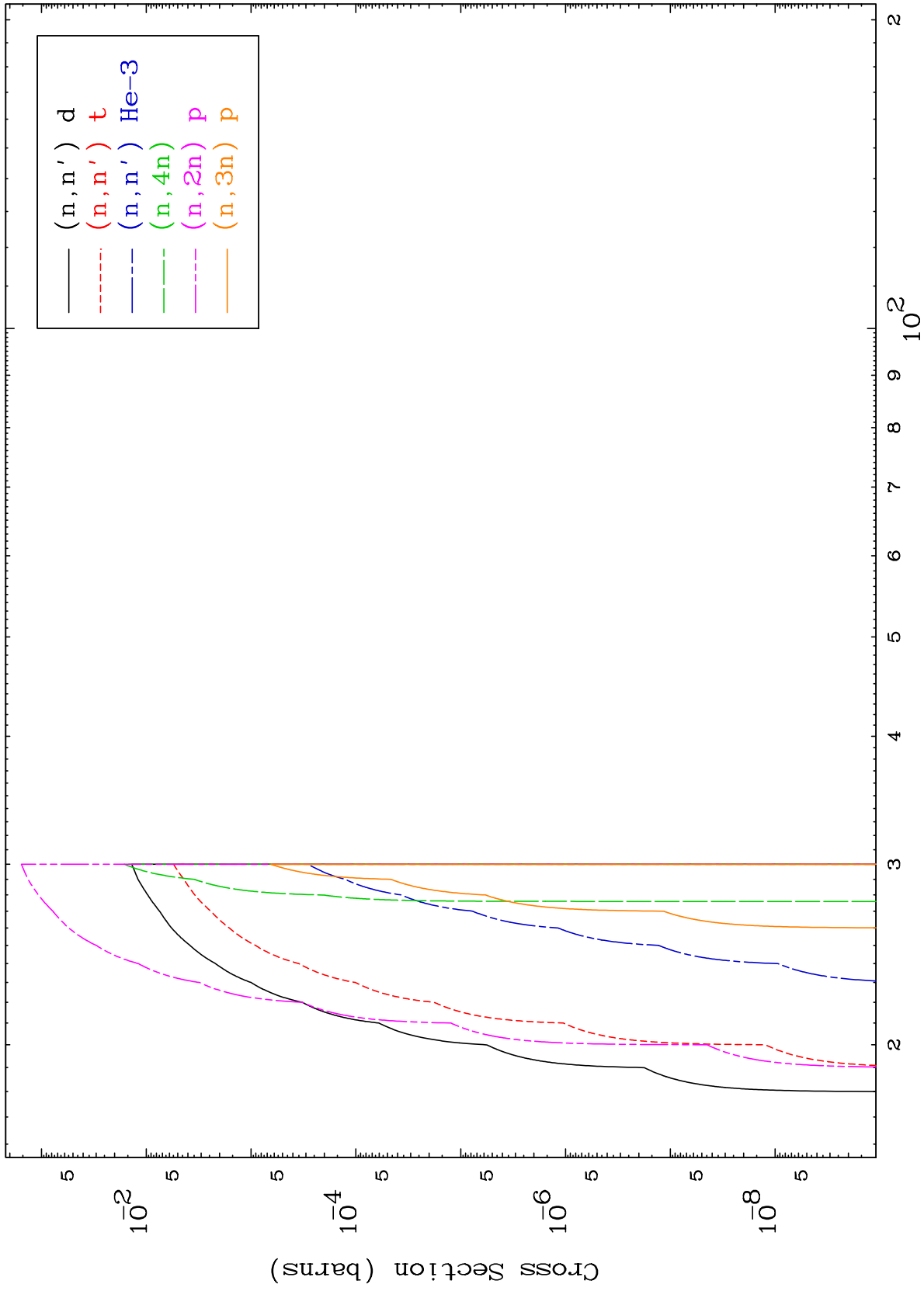
44-Ru-100

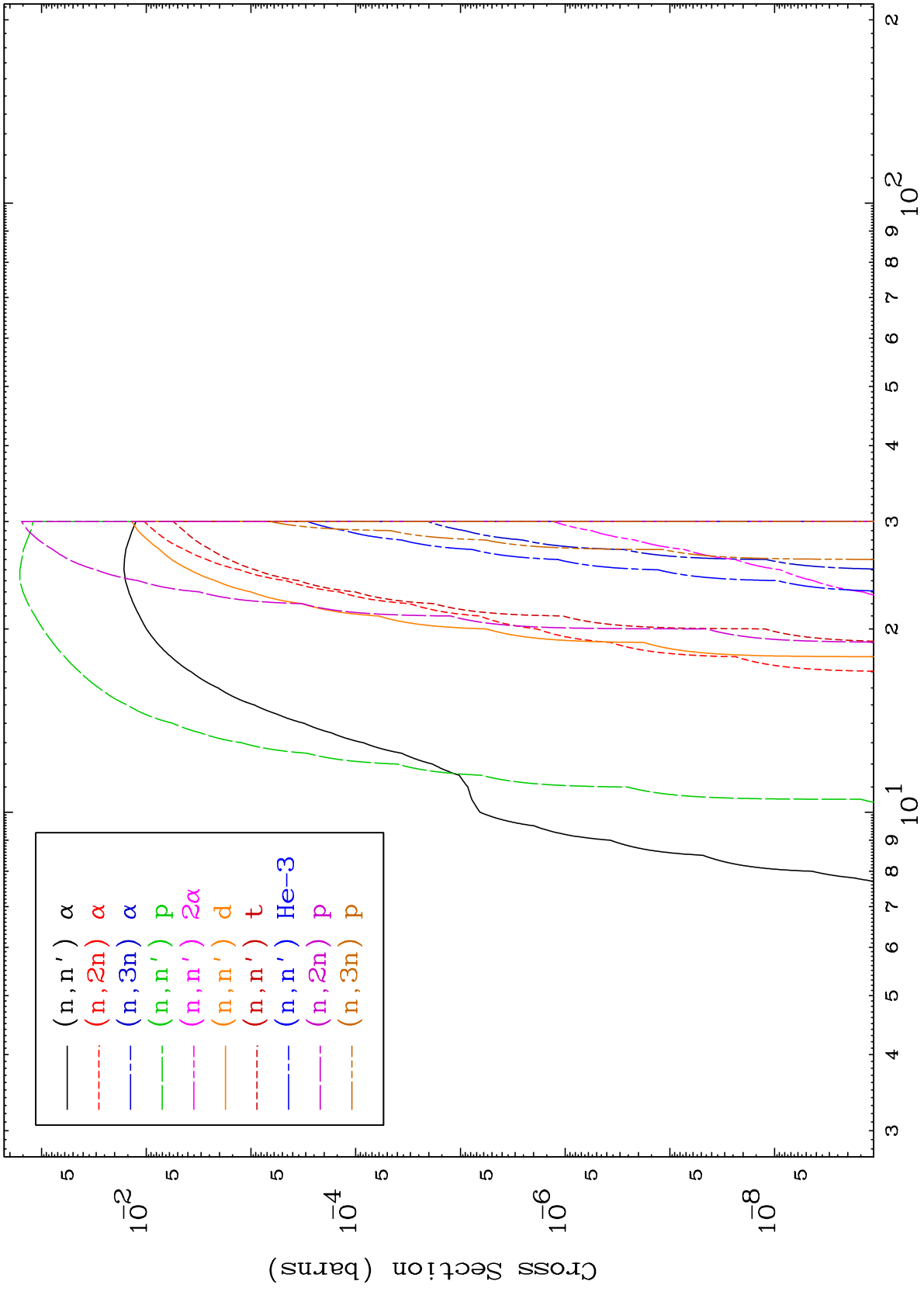


2

Incident Energy (MeV)

44-Ru-100

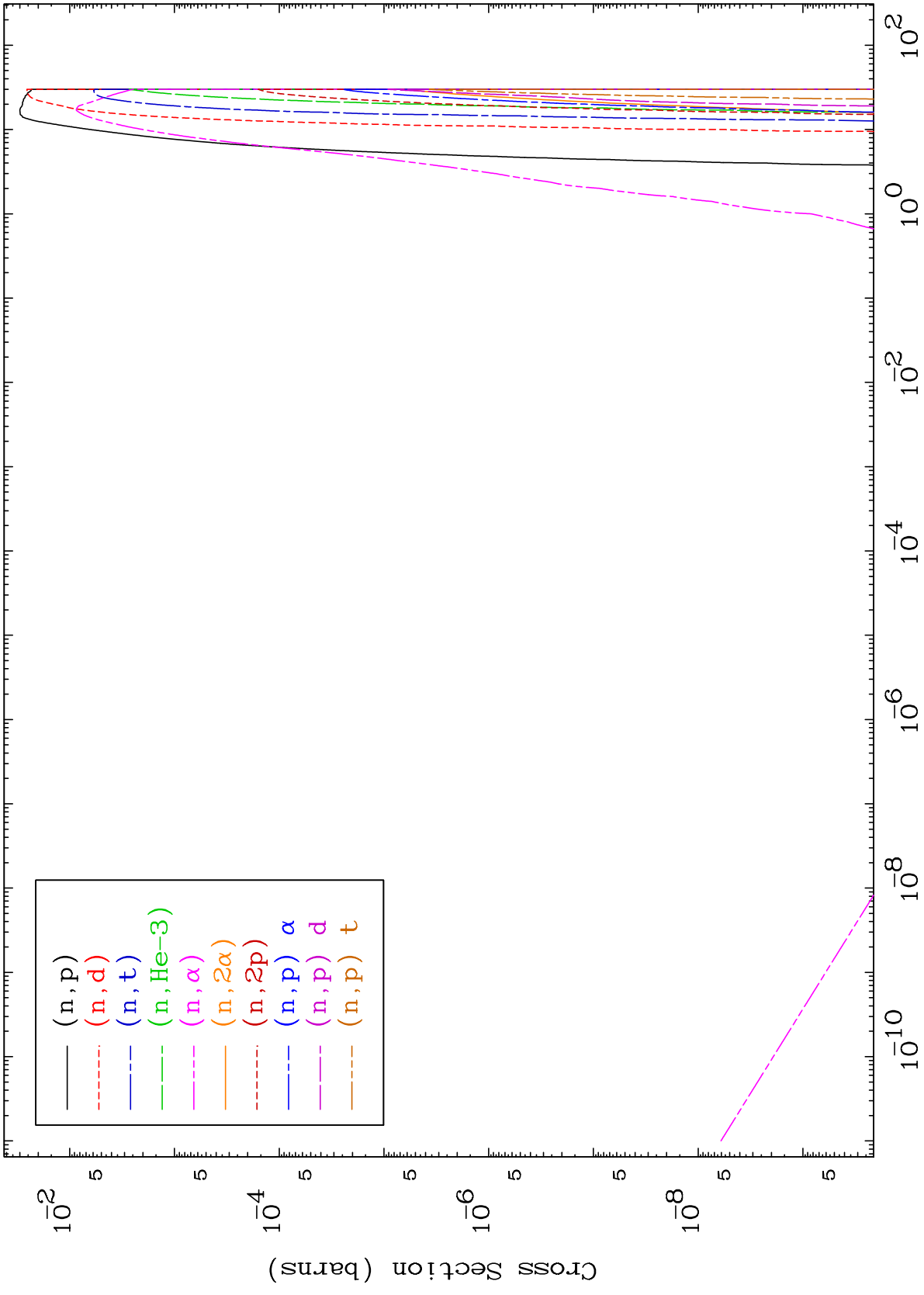




MAT 4437

Charged Particle  
293 Kelvin Cross Sections

44-Ru-100



5

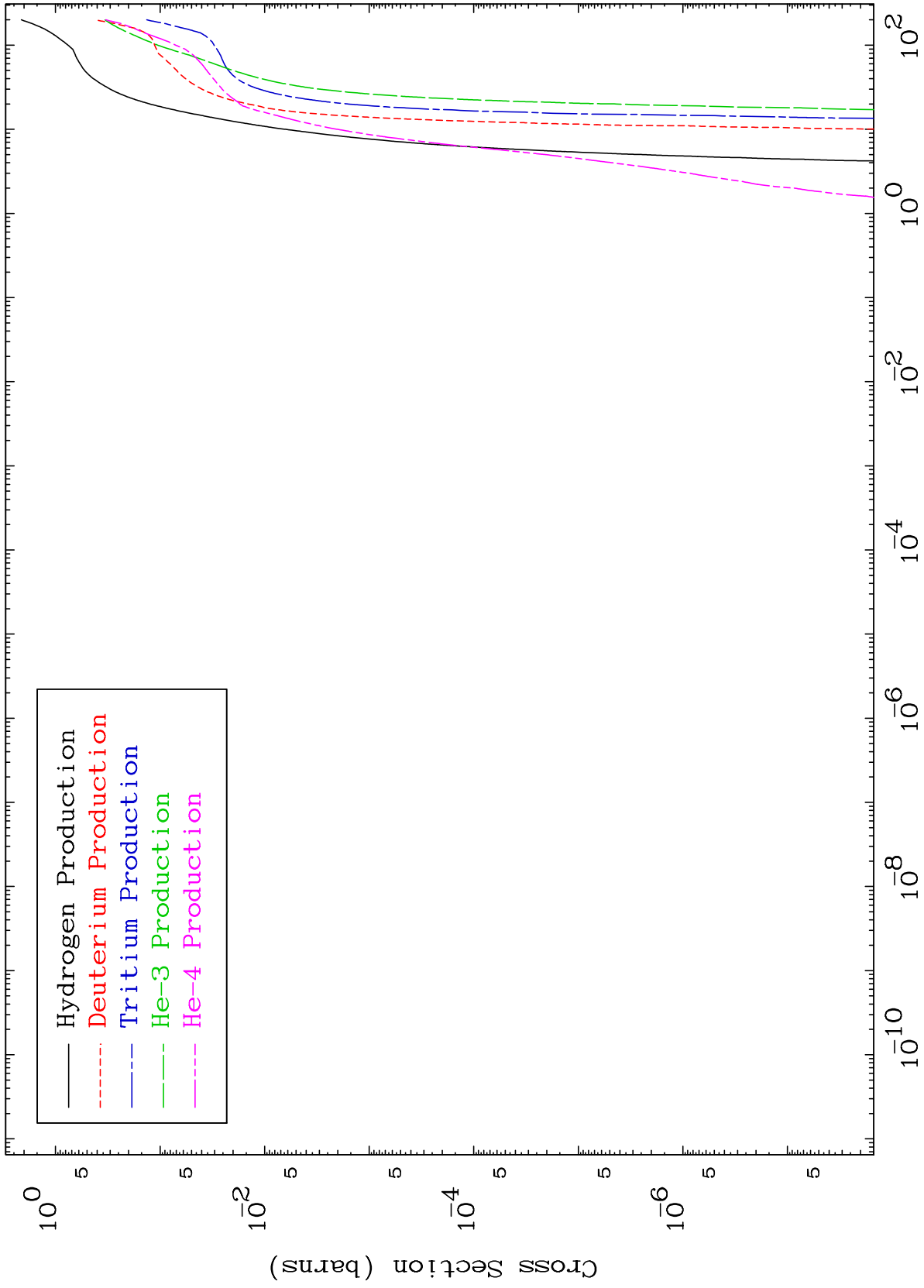
Incident Energy (MeV)

44-Ru-100

MAT 4437

Particle Production  
293 Kelvin Cross Sections

44-Ru-100



6

Incident Energy (MeV)

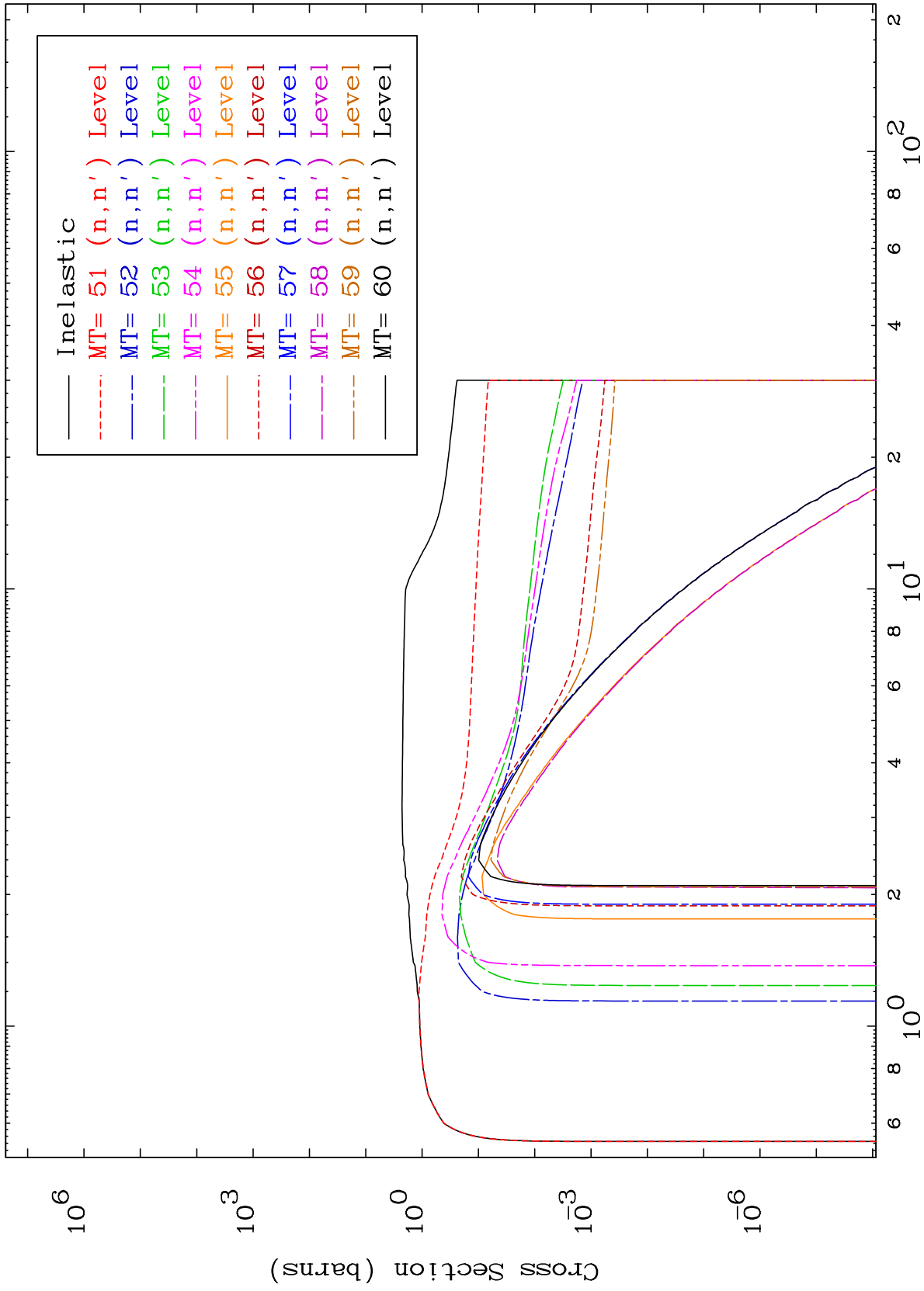
44-Ru-100

MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



7

Incident Energy (MeV)

44-Ru-100

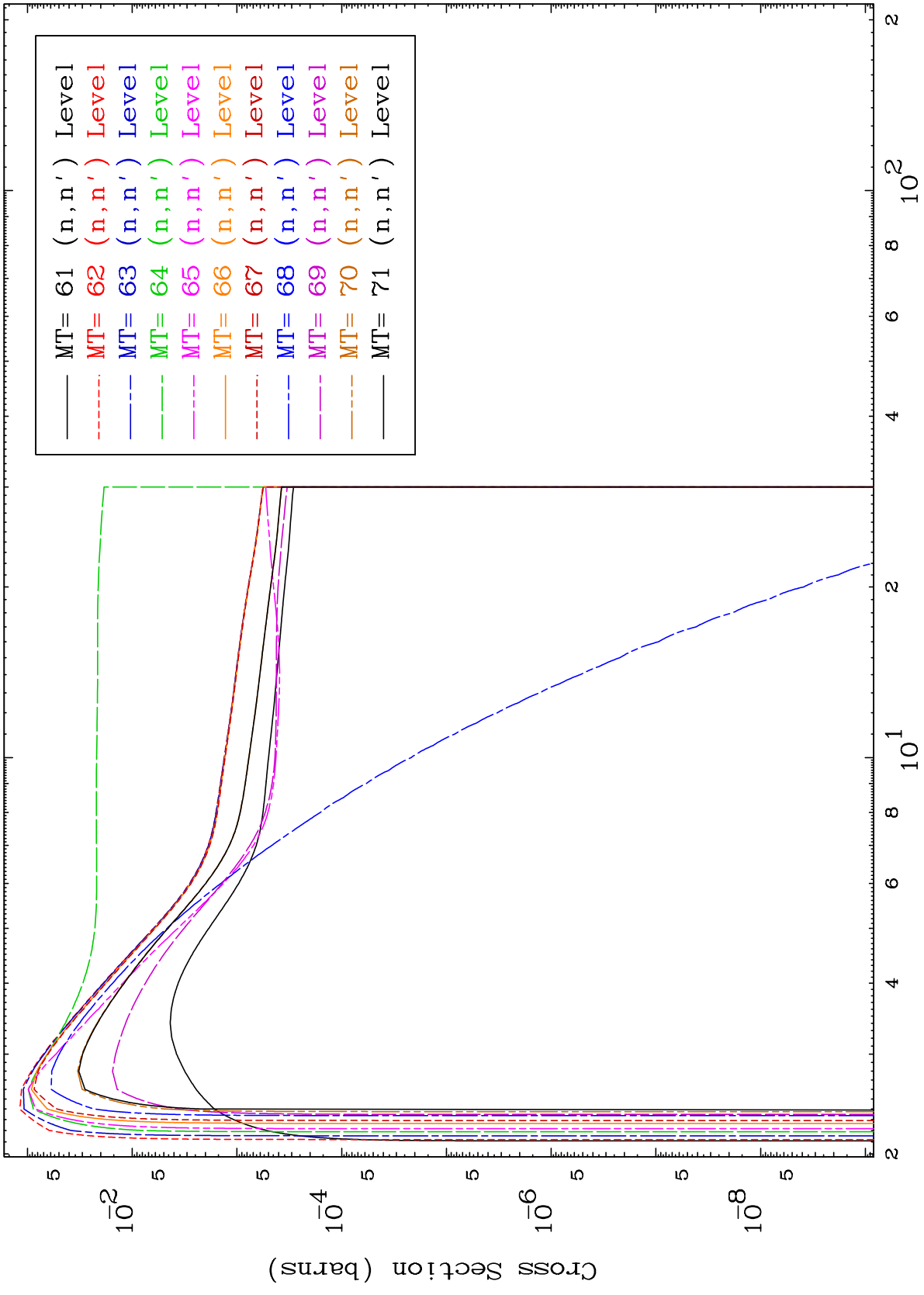


MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

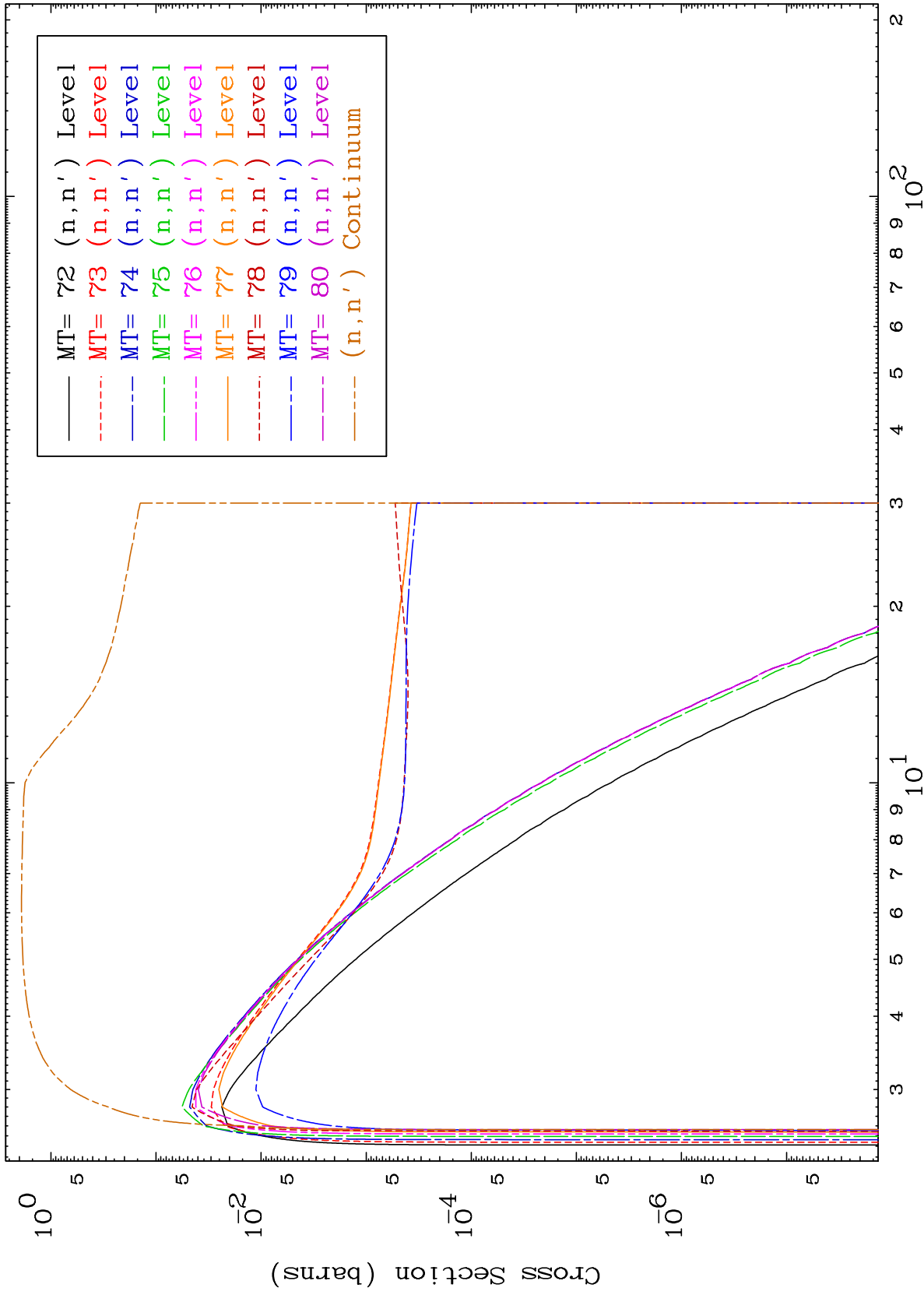
44-Ru-100

MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



9

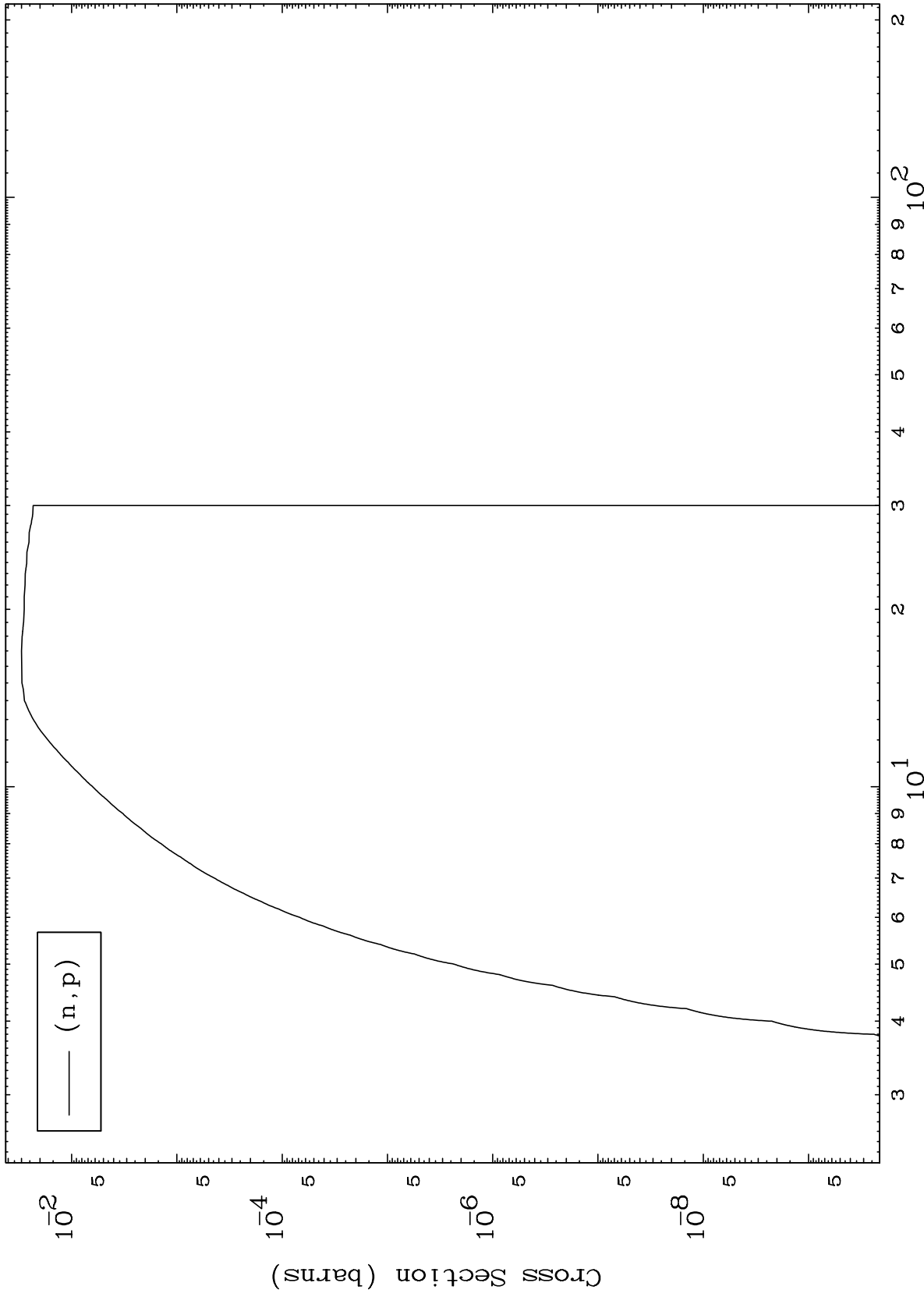
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-100



10

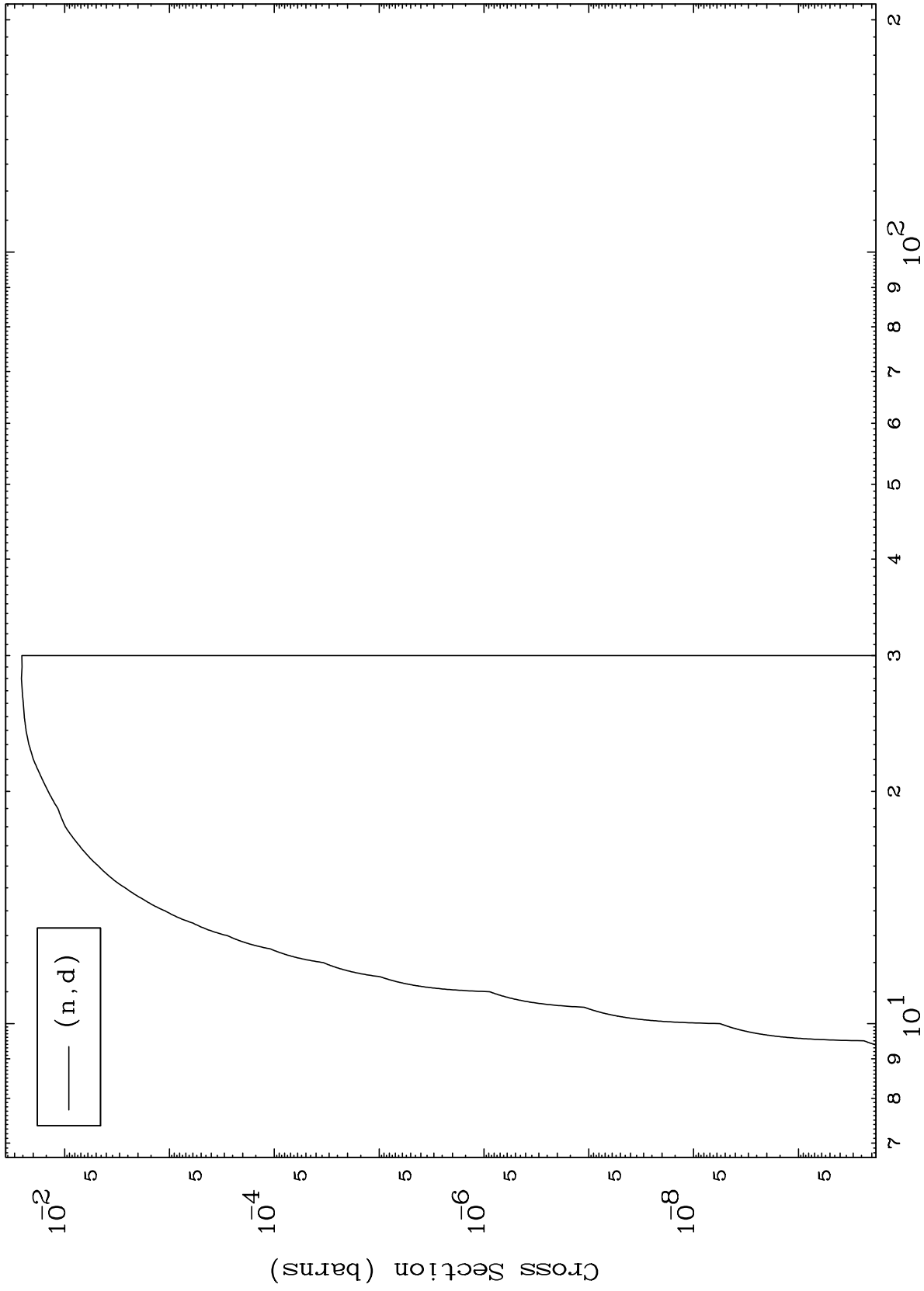
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-100



11

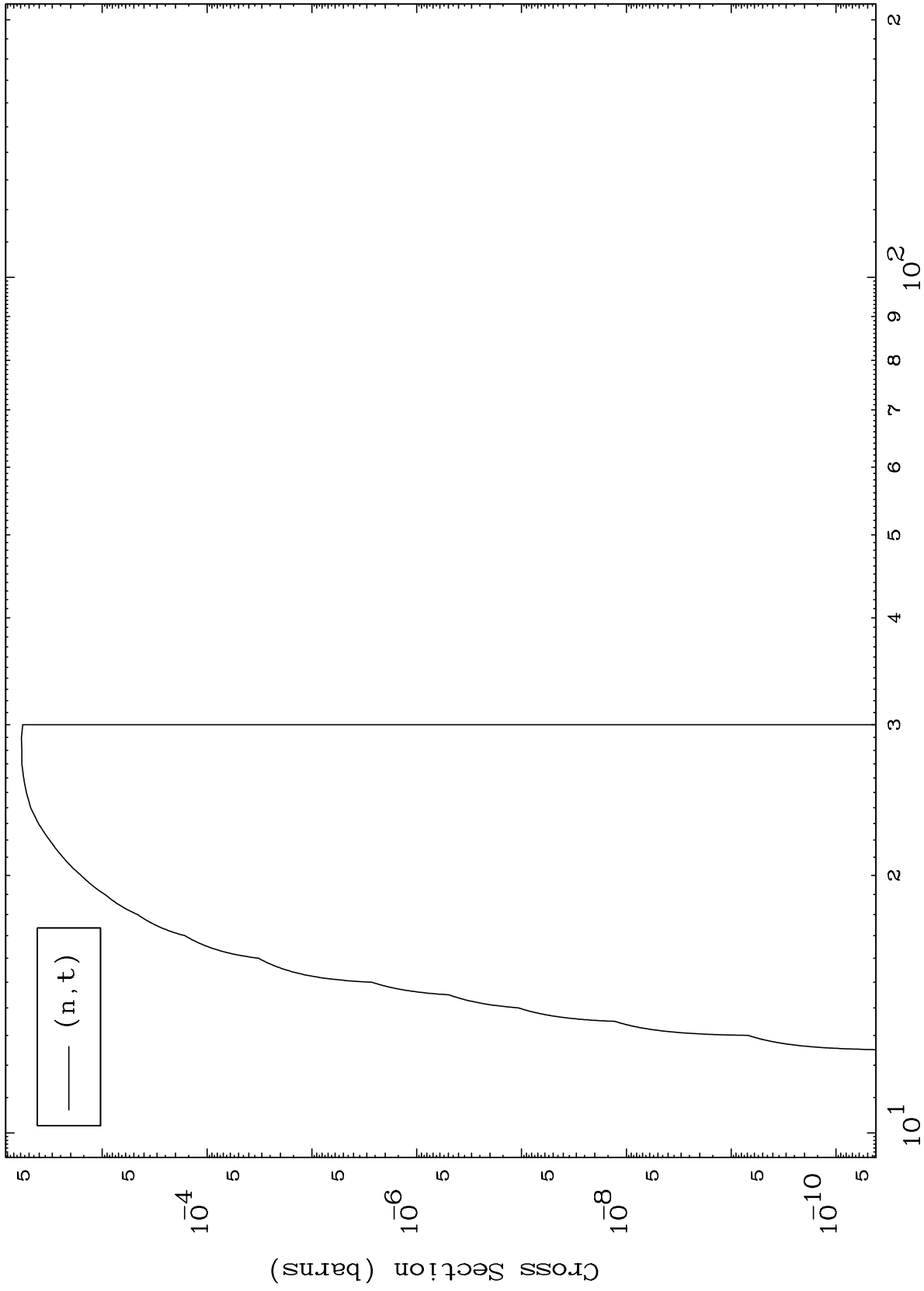
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-100



12

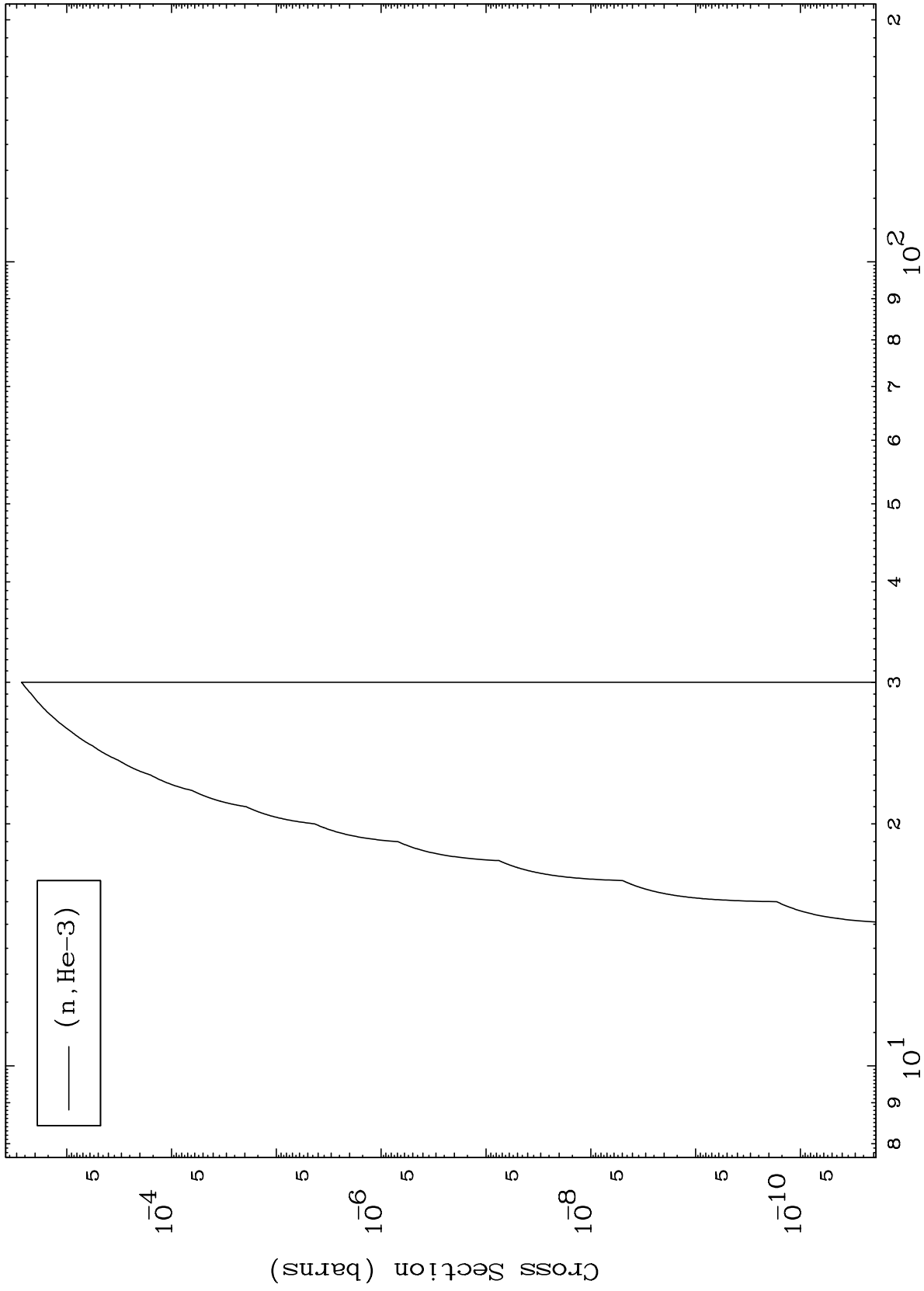
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels  
293 Kelvin Cross Sections

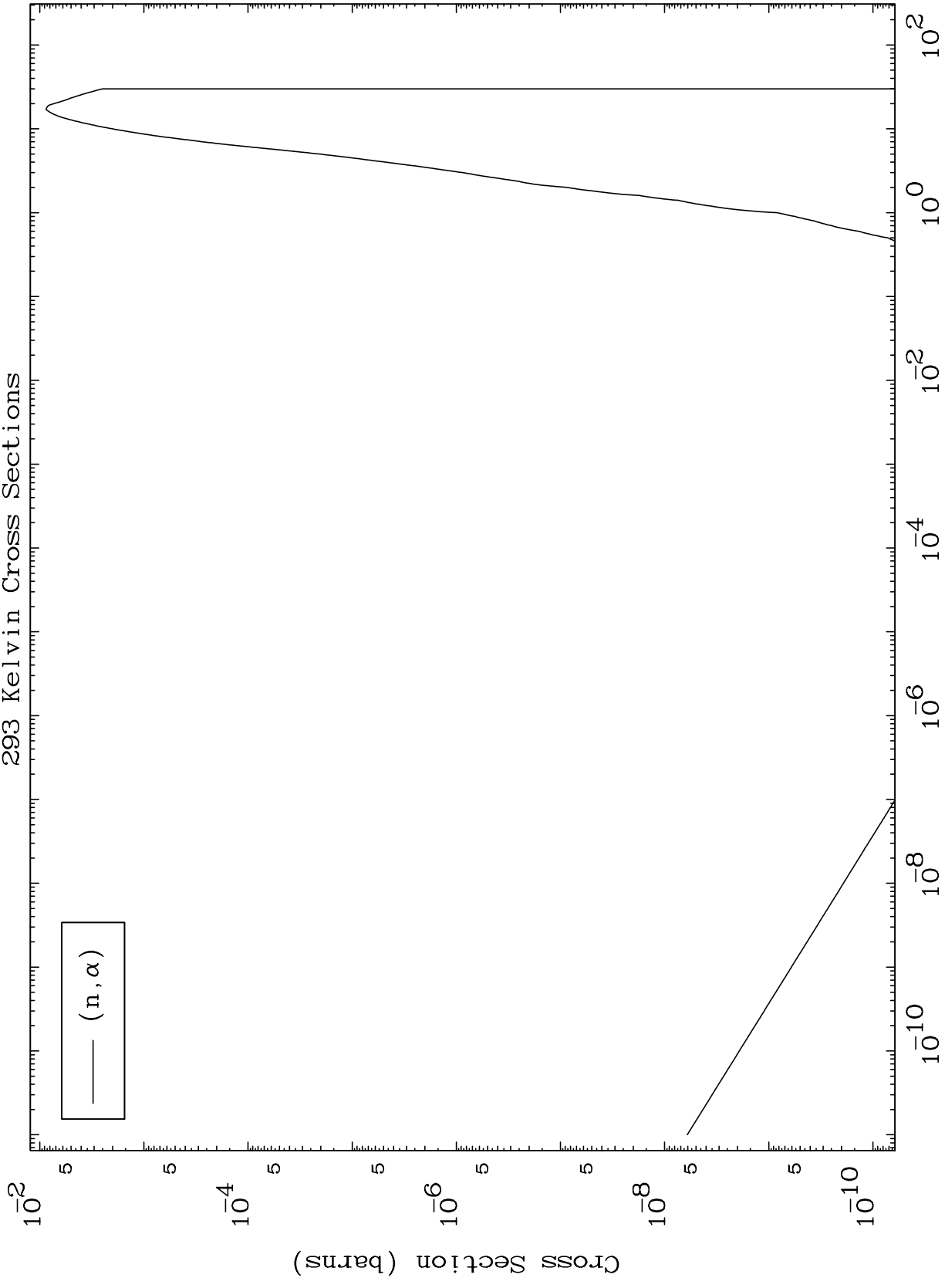
44-Ru-100

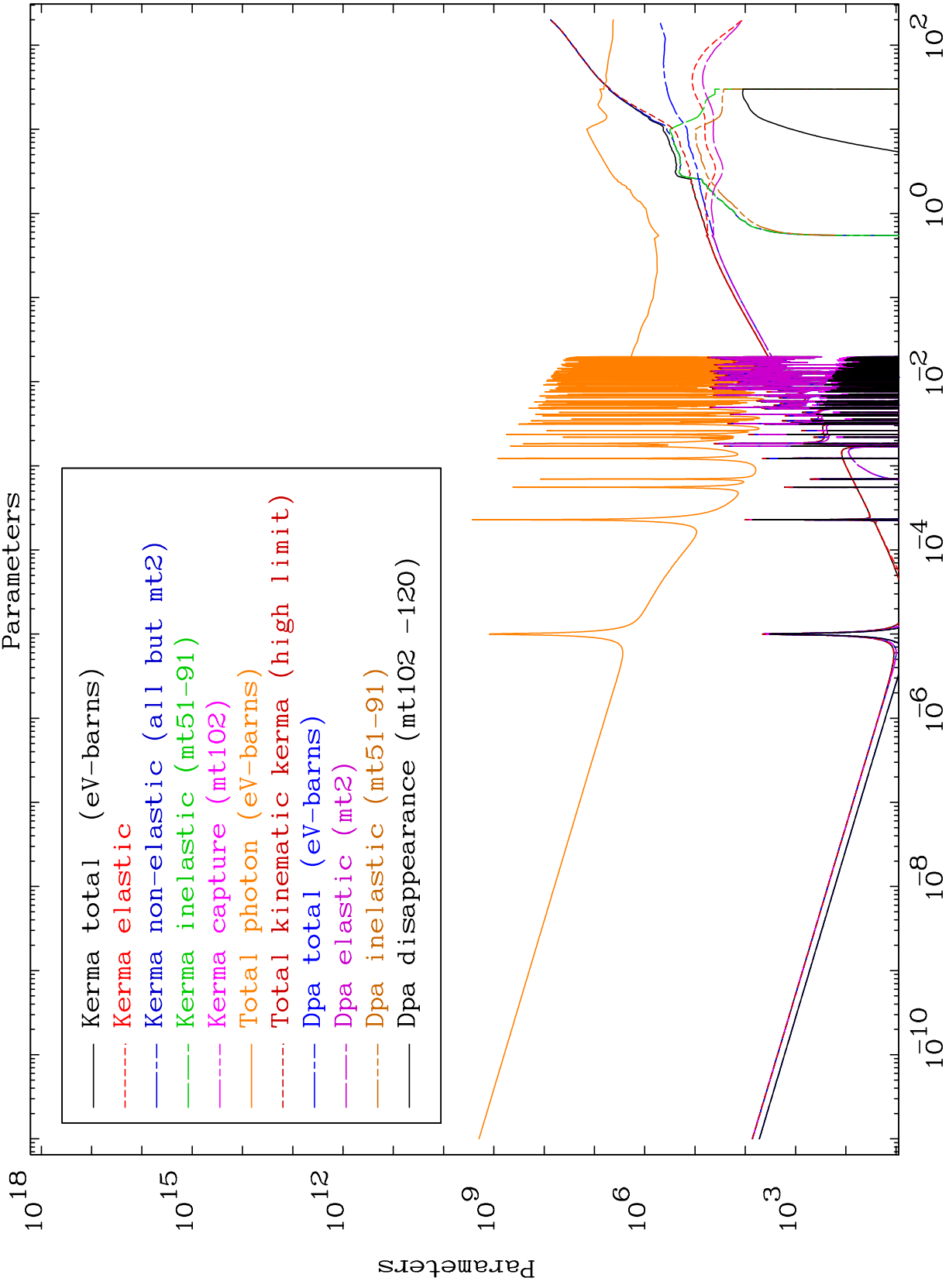


MAT 4437

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

44-Ru-100



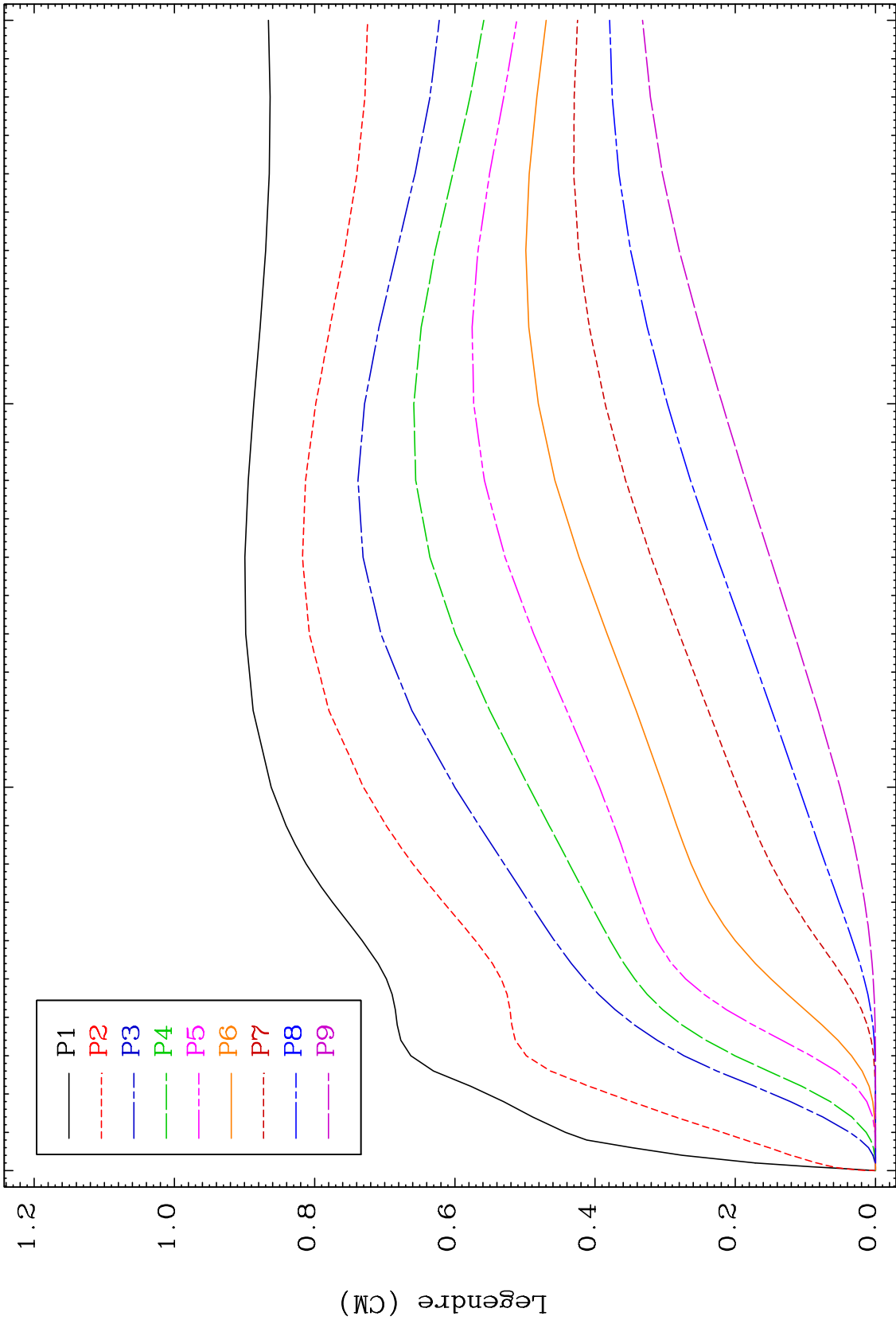




MAT 4437

Elastic Legendre Coefficients

44-Ru-100



16

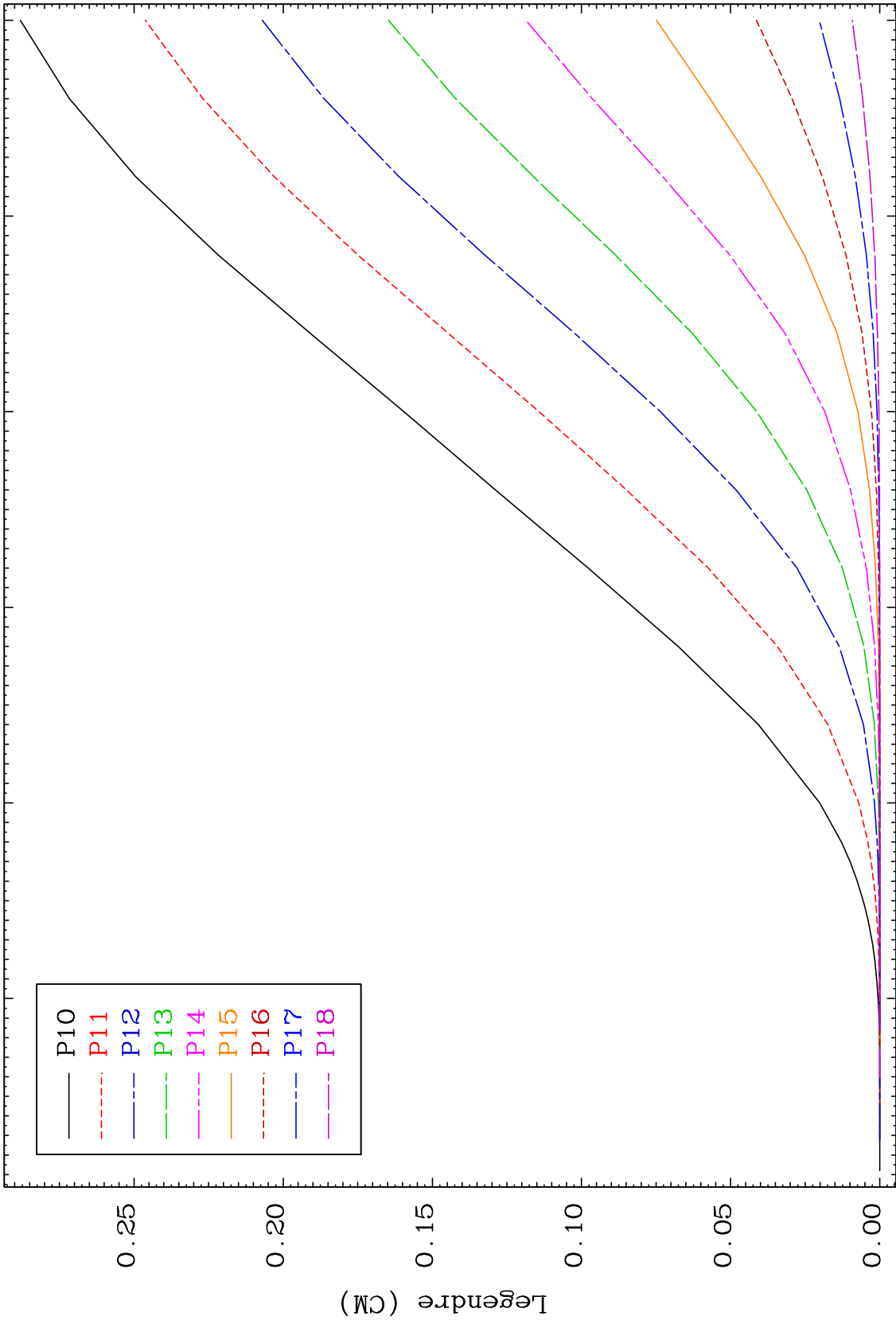
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



17

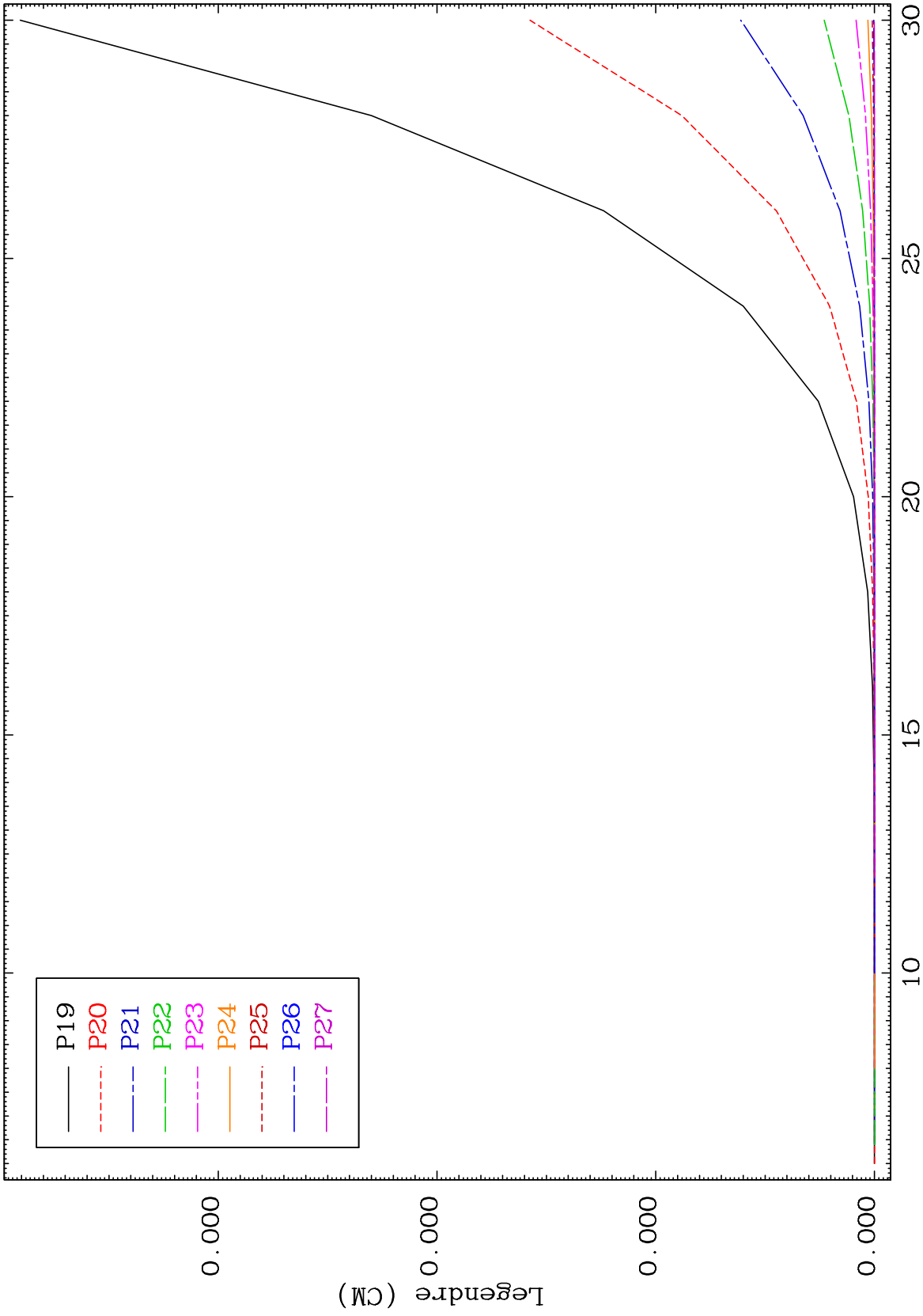
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

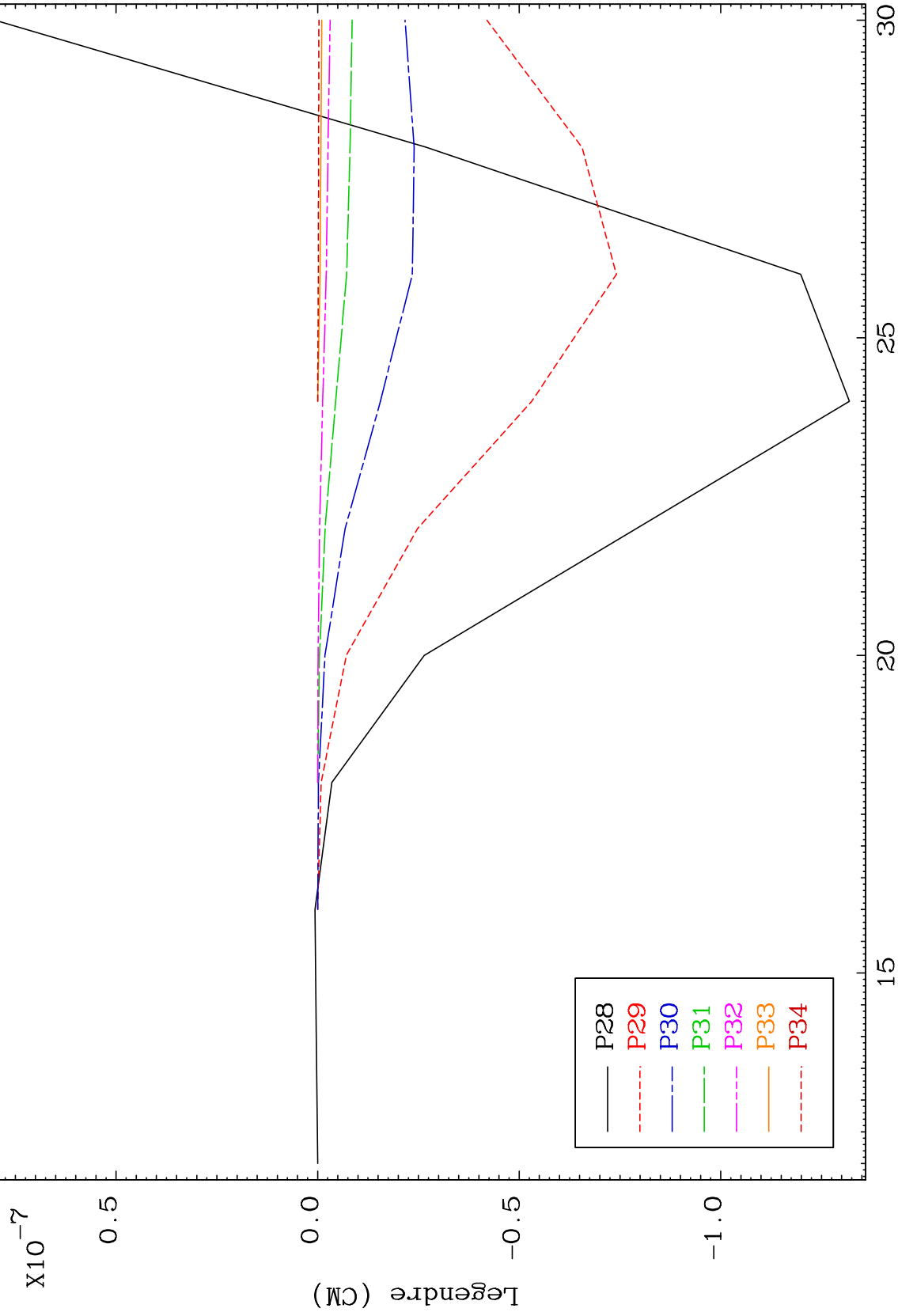
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

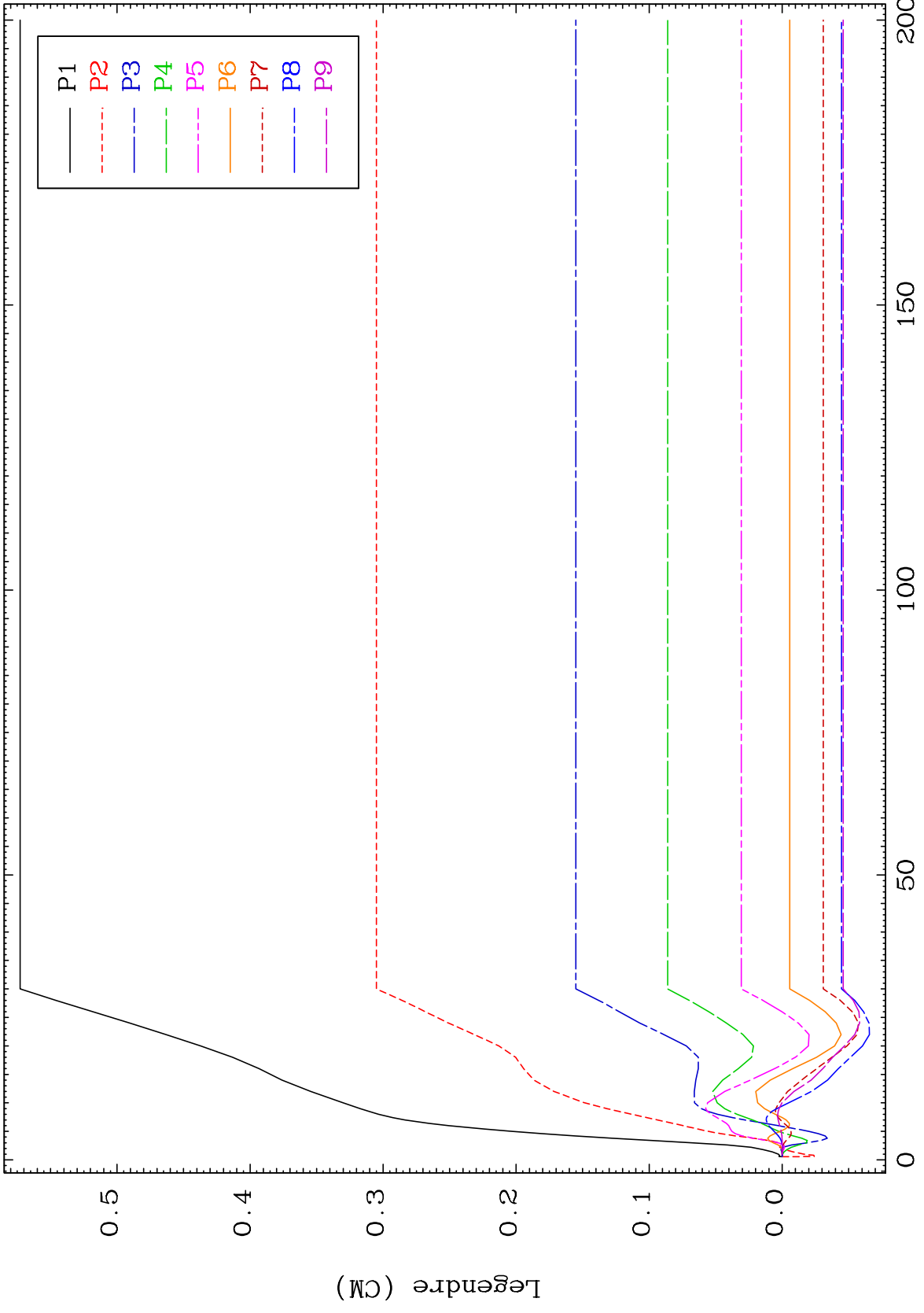
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



0

50

100

150

200

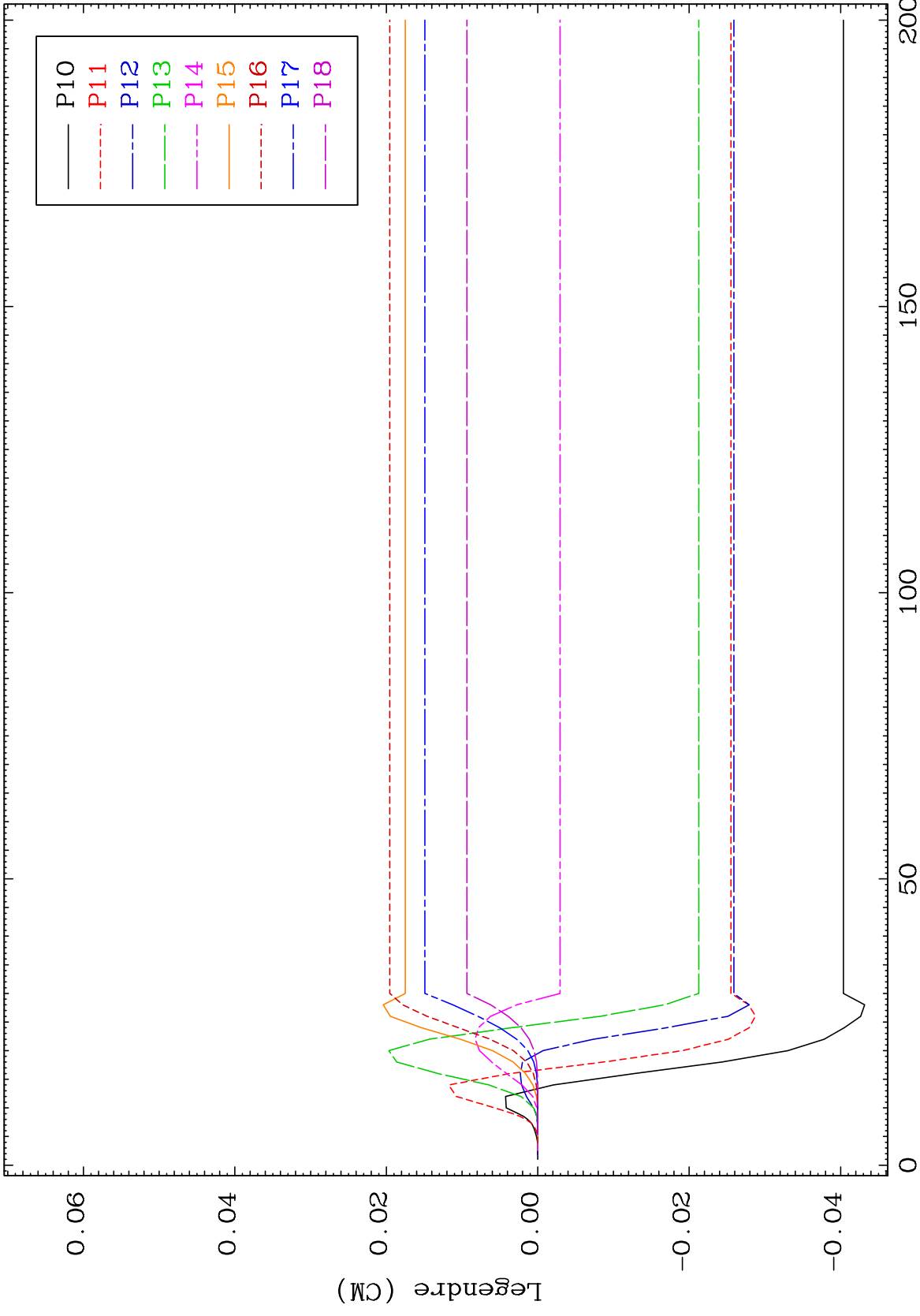
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



21

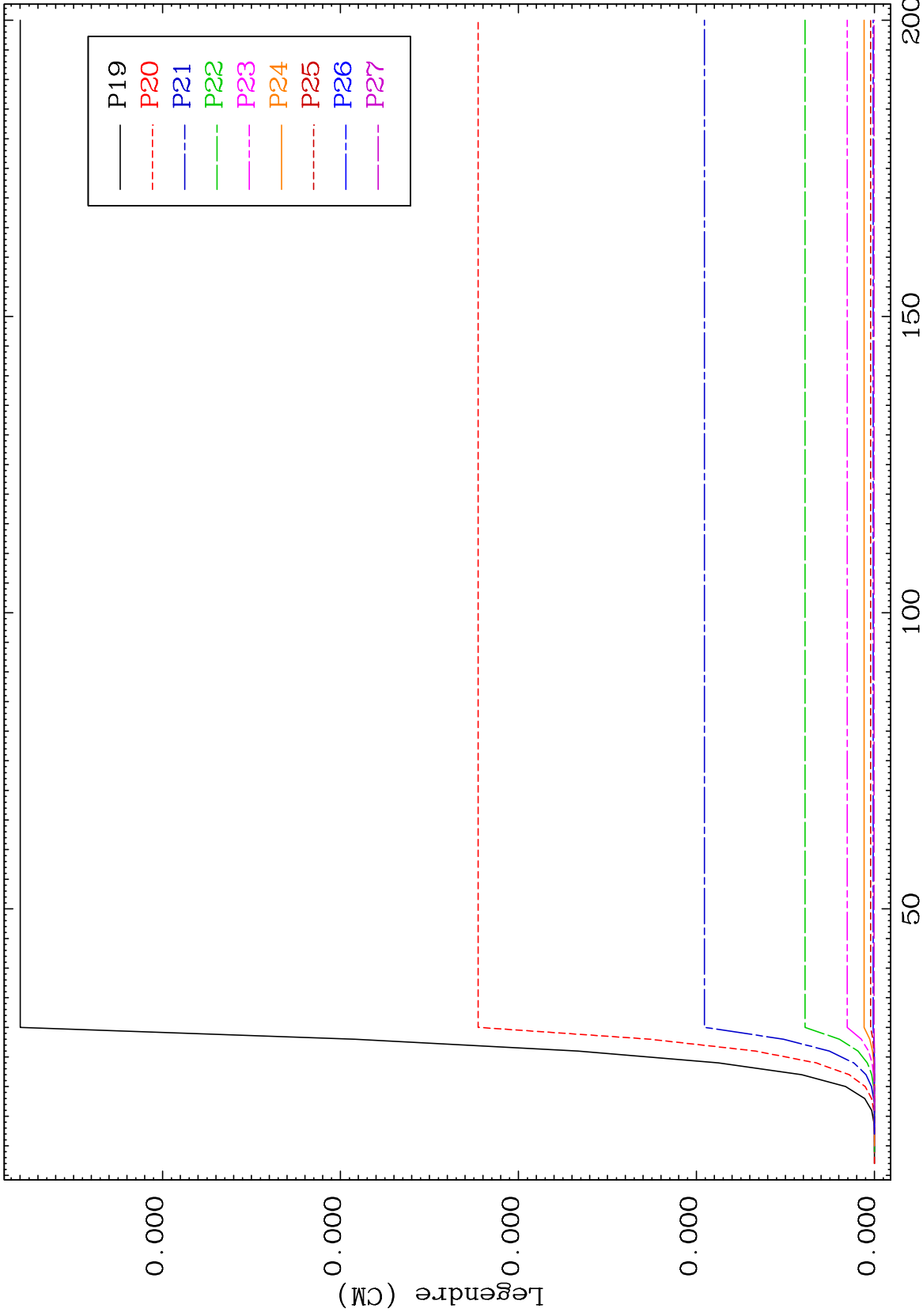
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

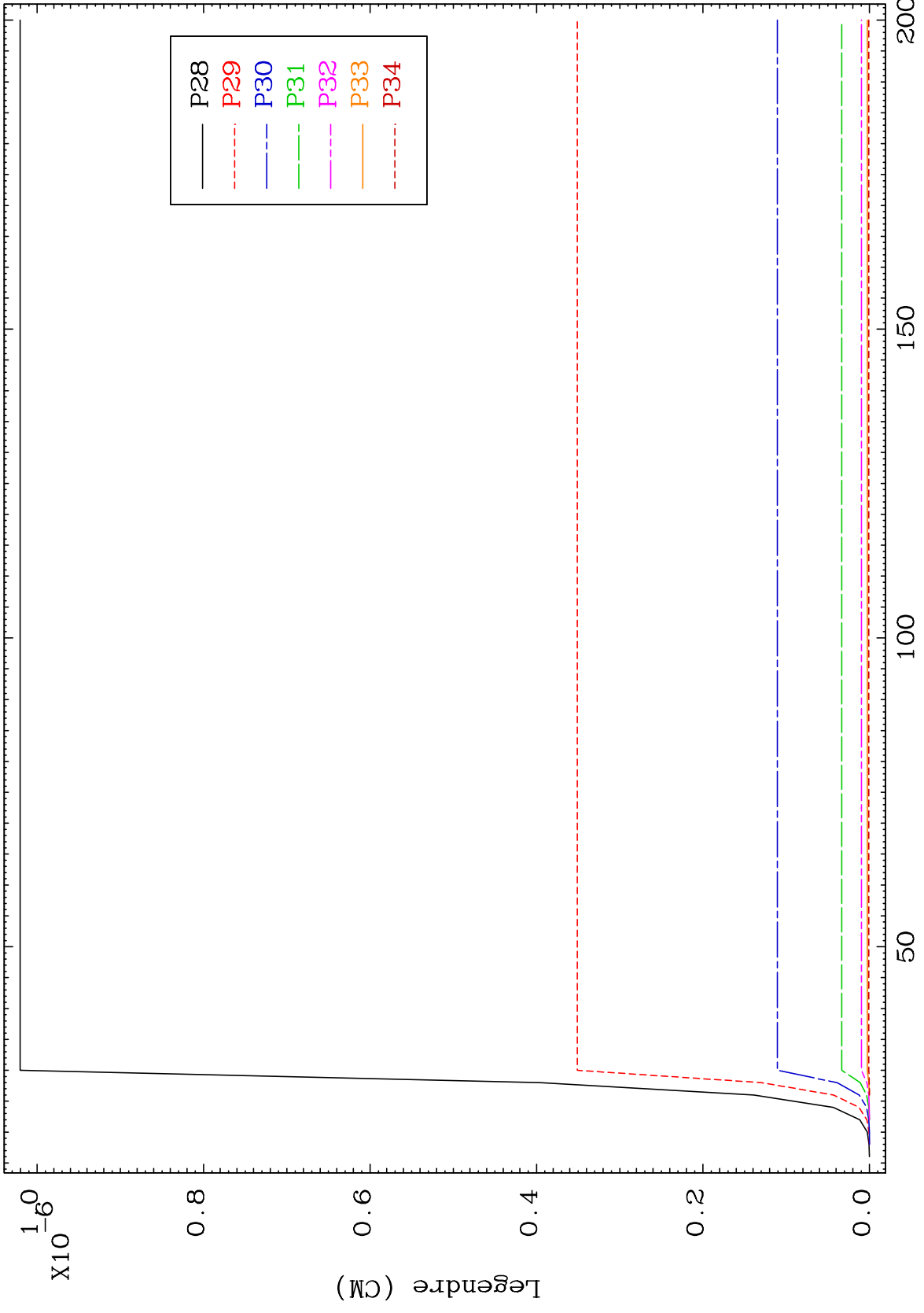
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

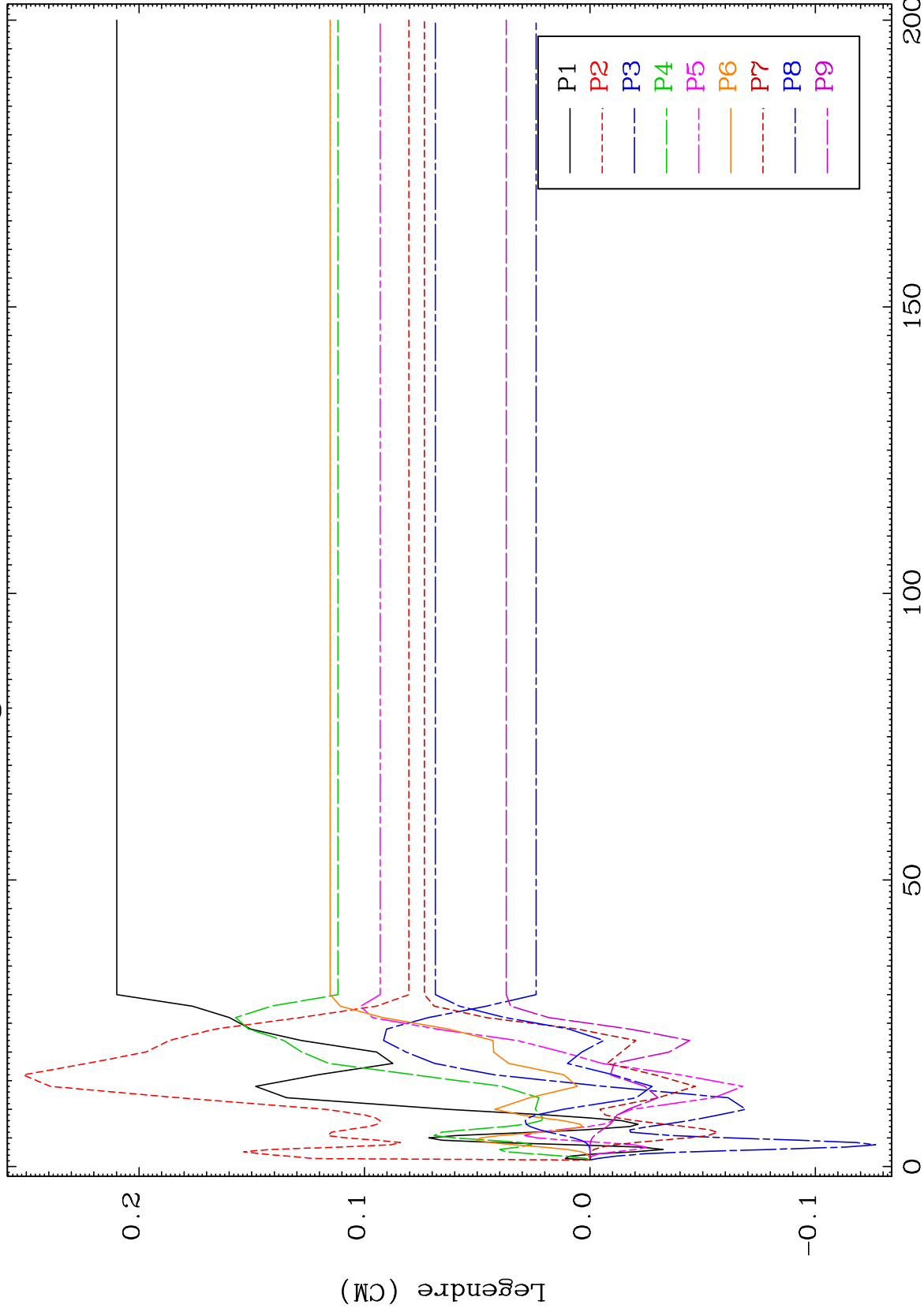




MAT 4437

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

44-Ru-100

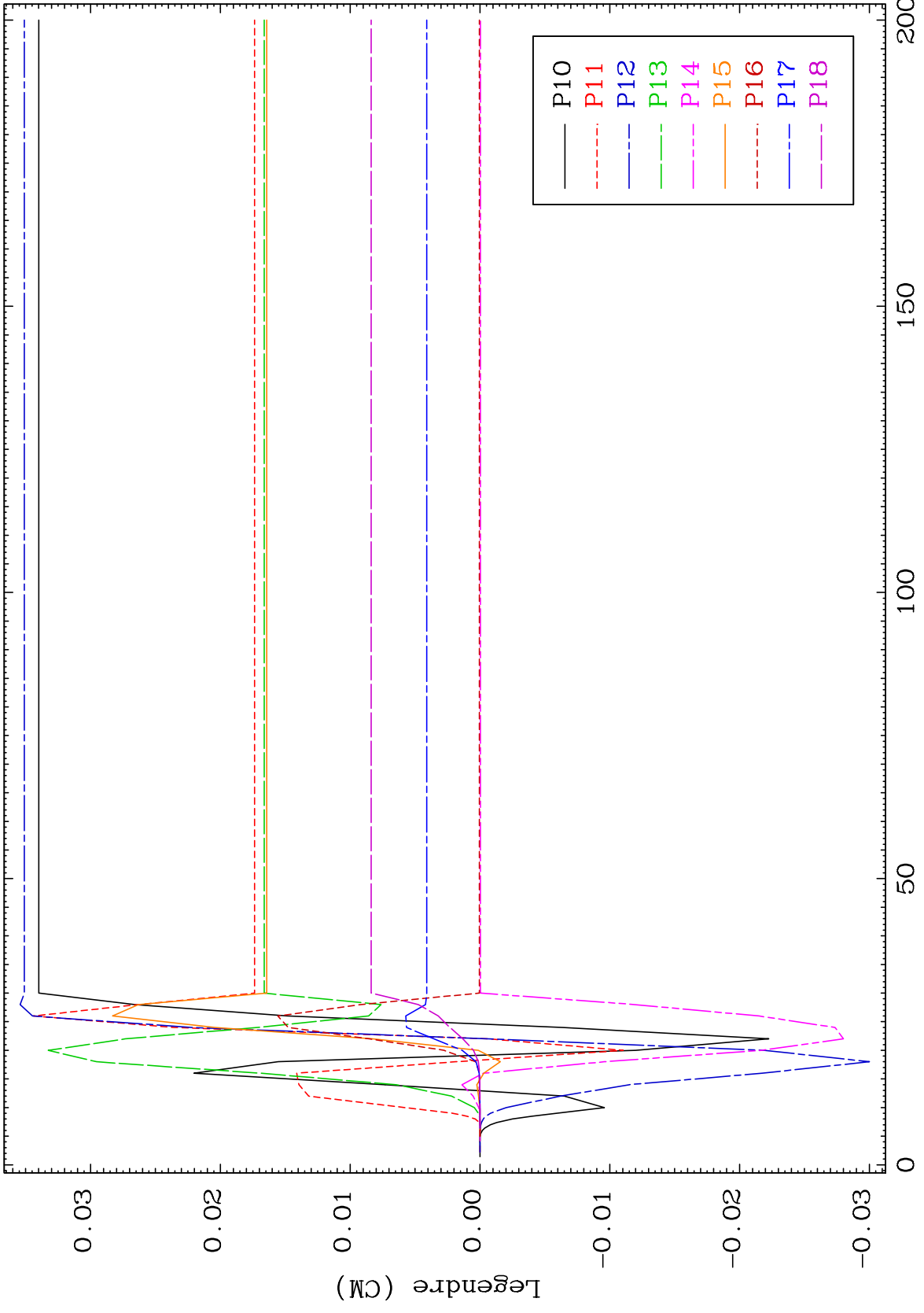


24

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 52 (n,n') Level Legendre Coefficients 44-Ru-100

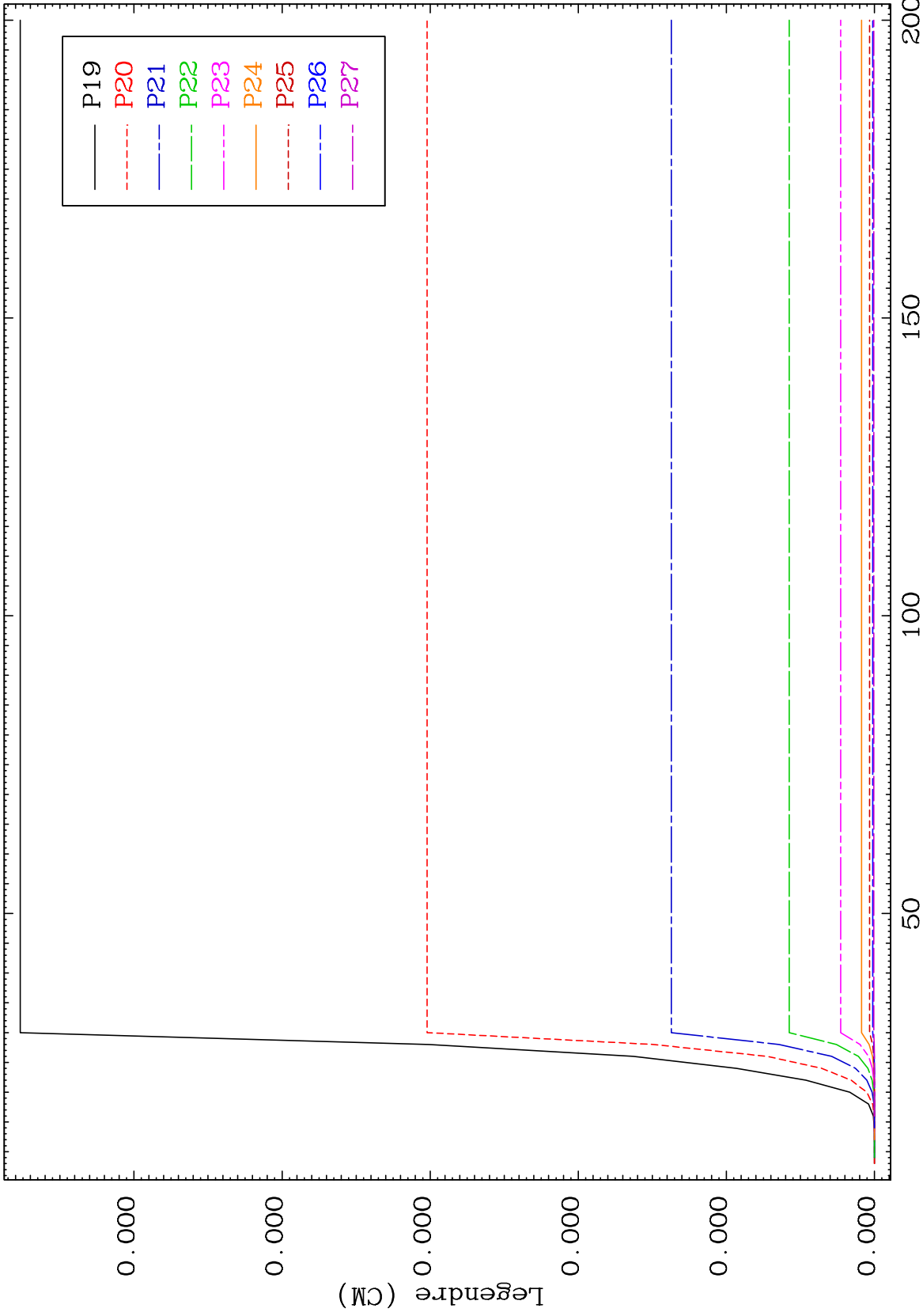


44-Ru-100 Incident Energy (MeV)

MAT 4437

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

44-Ru-100



26

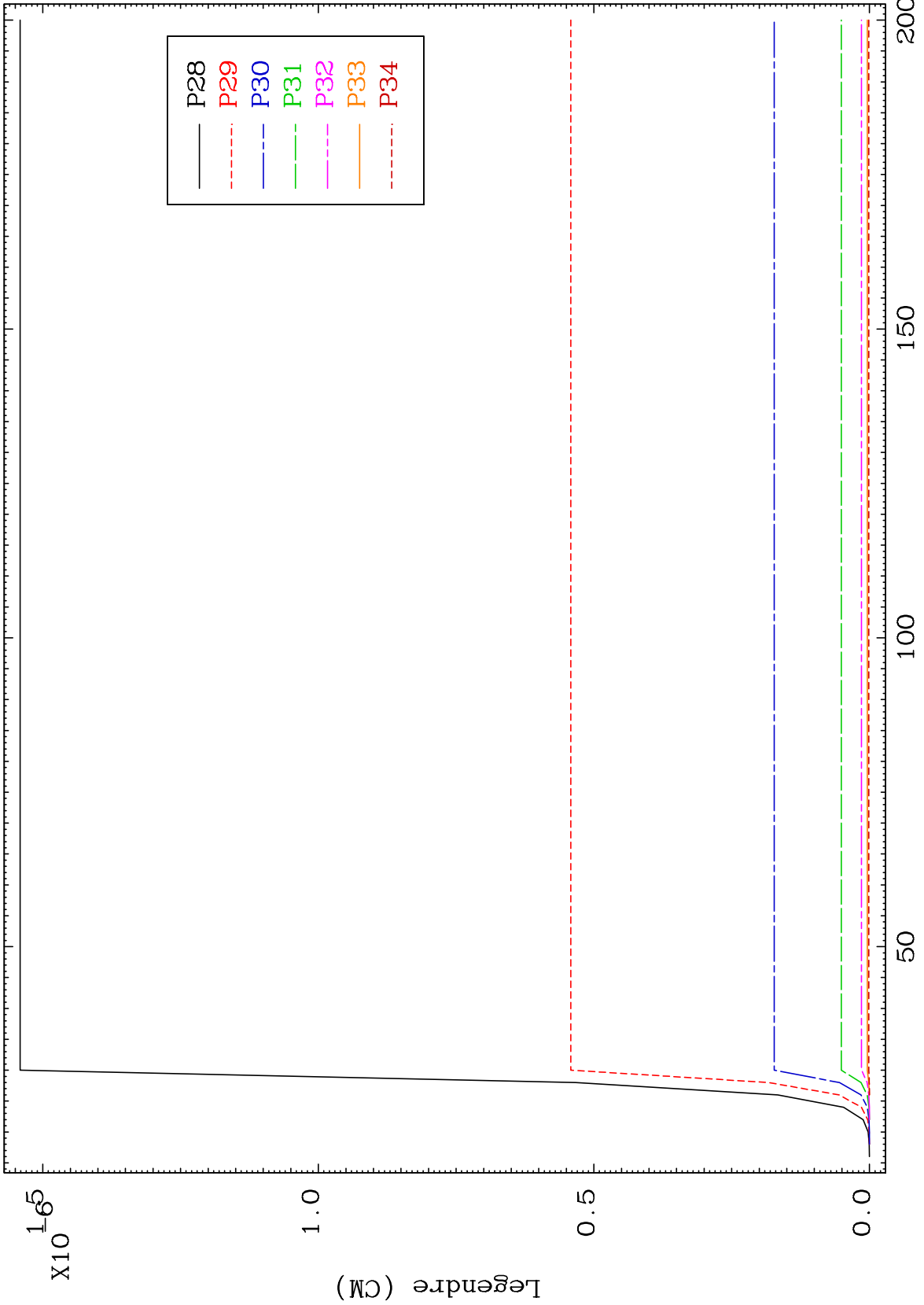
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



27

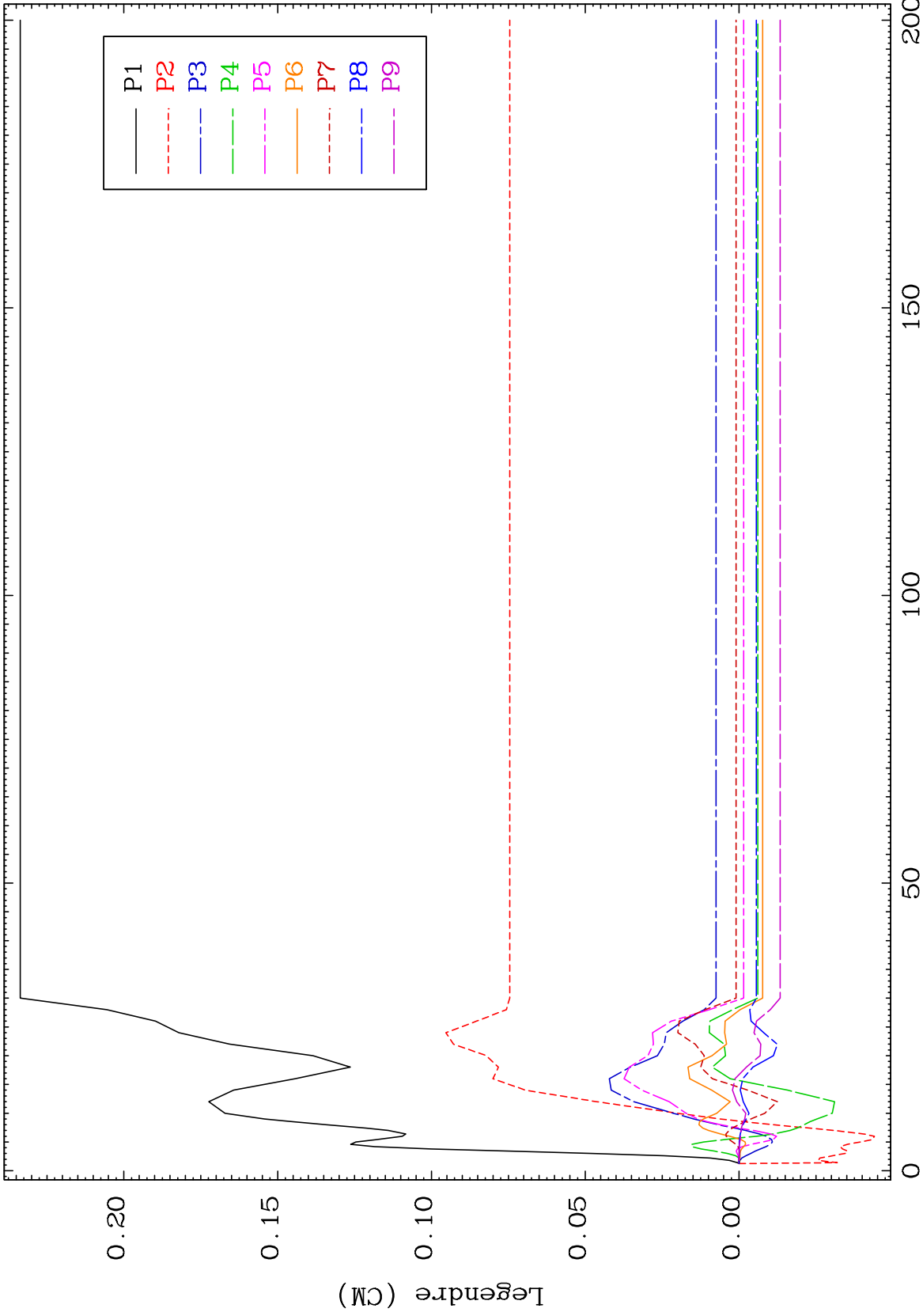
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



28

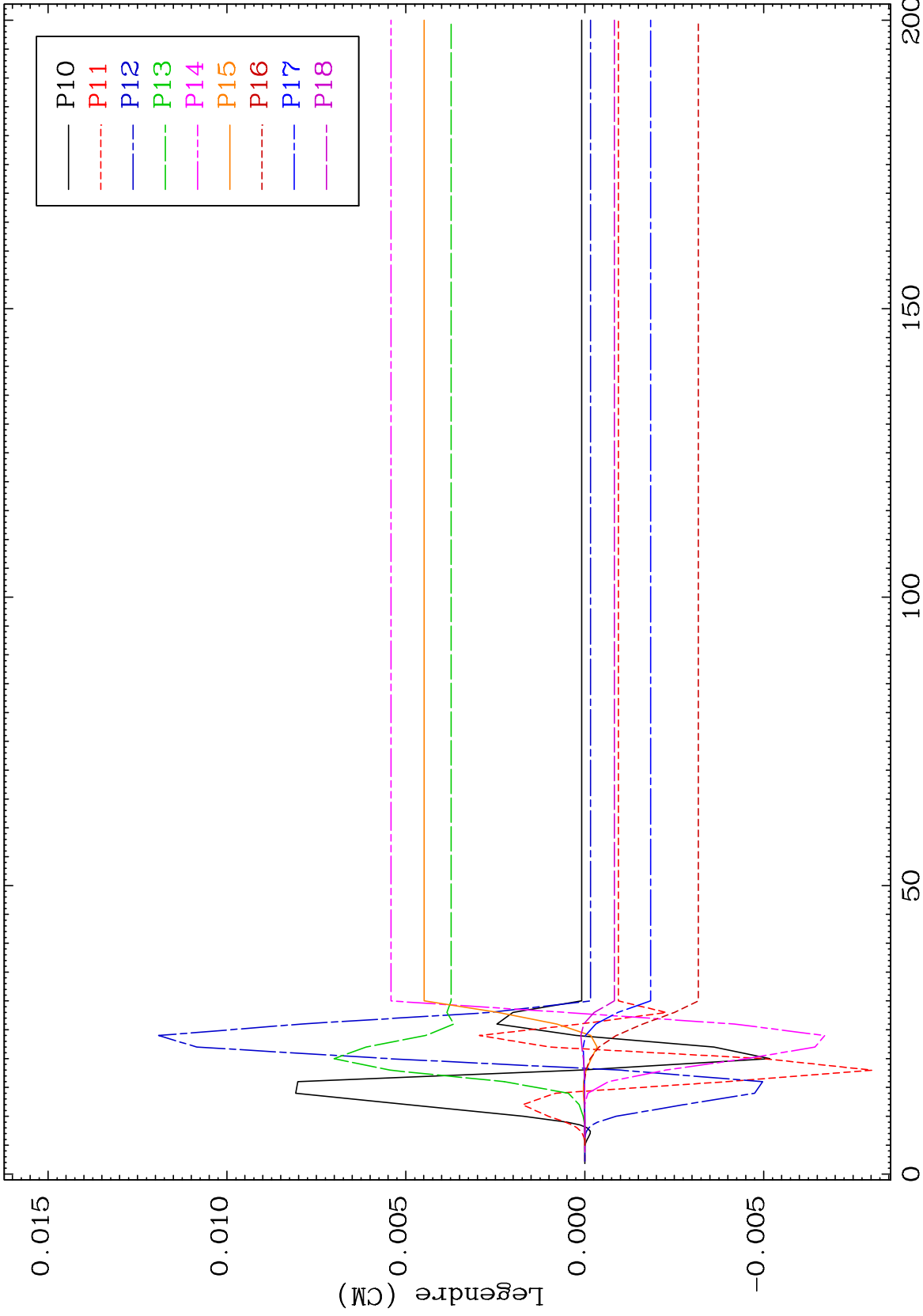
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



29

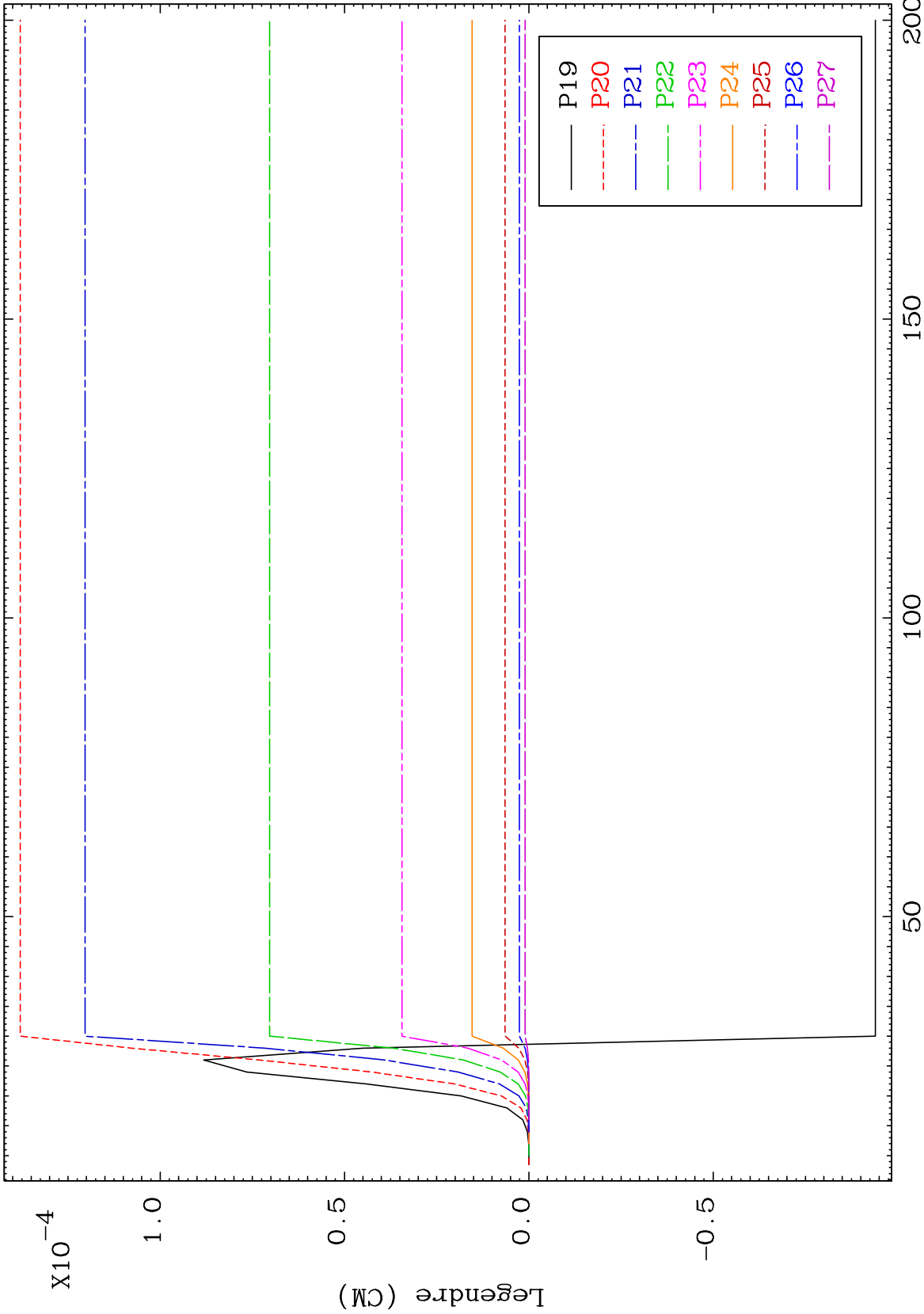
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



30

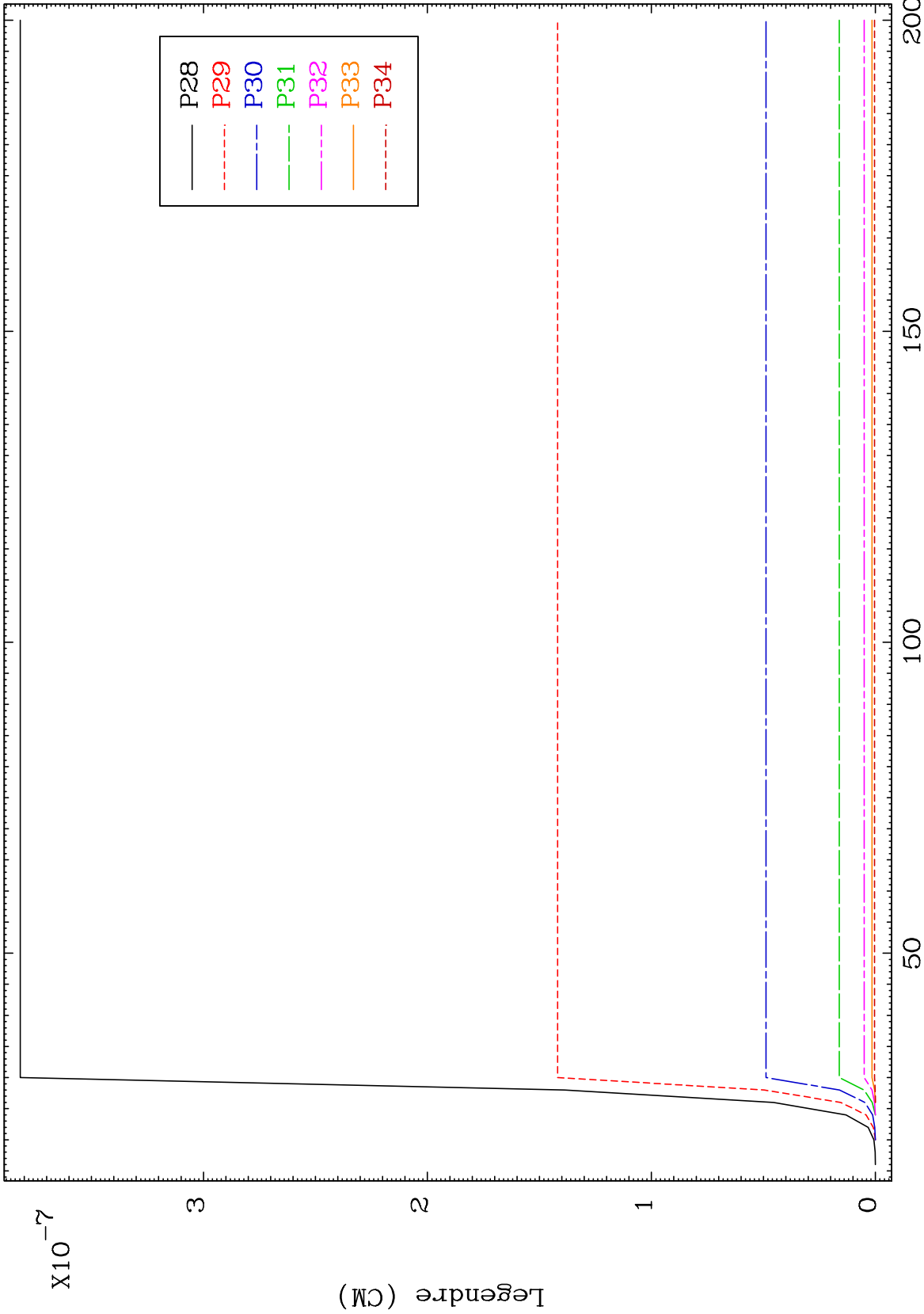
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



31

Incident Energy (MeV)

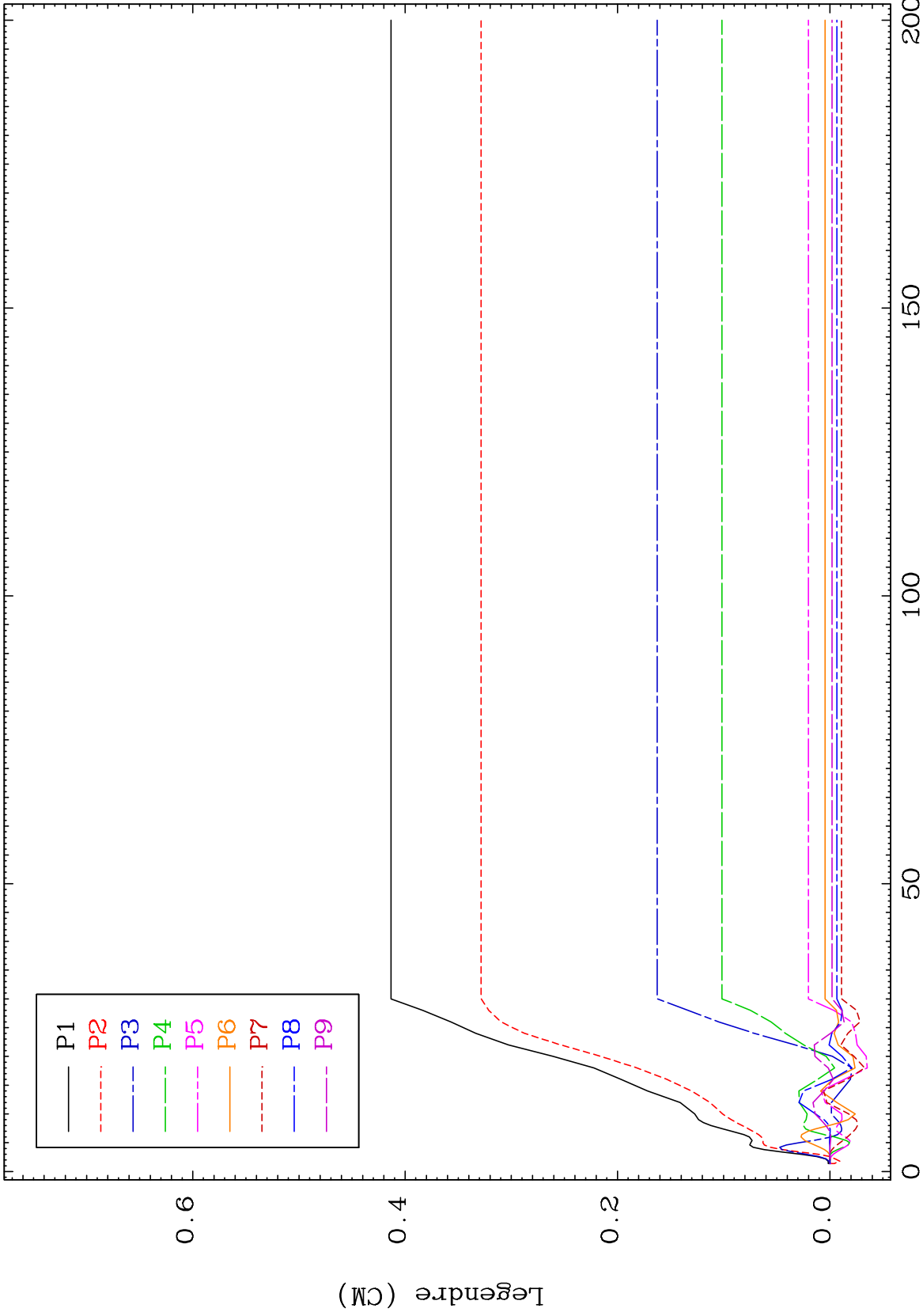
44-Ru-100



MAT 4437

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

44-Ru-100



32

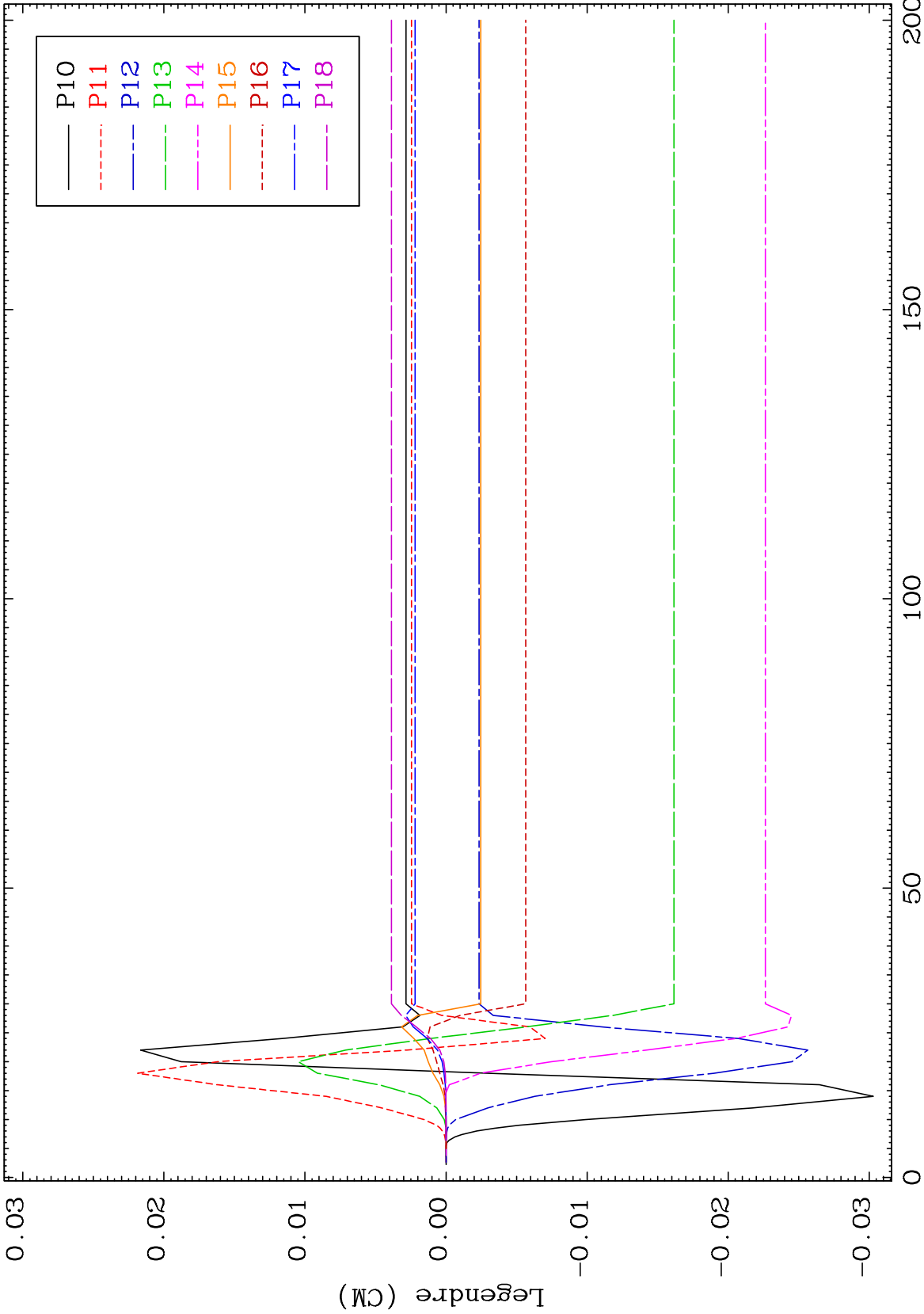
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



33

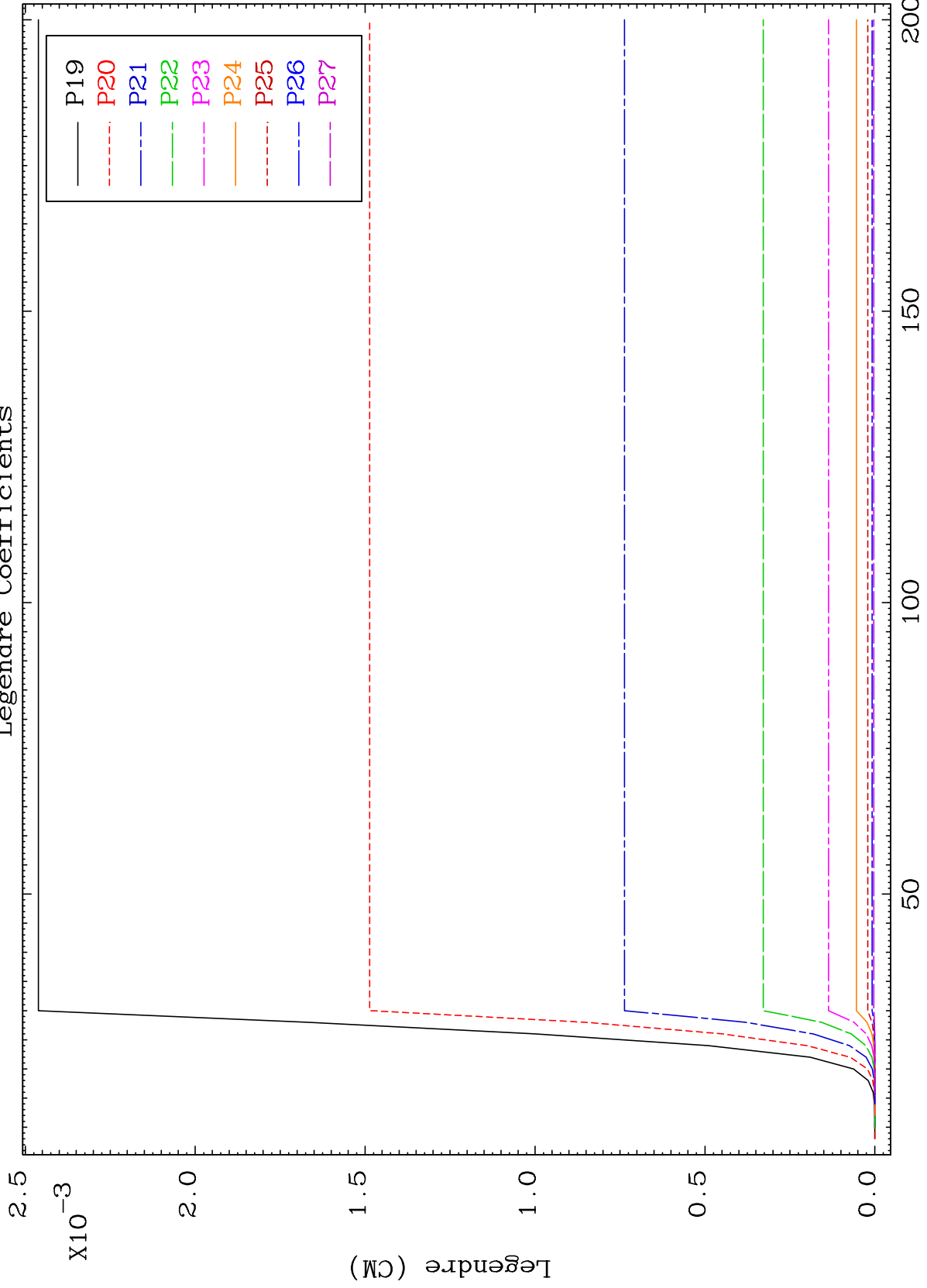
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



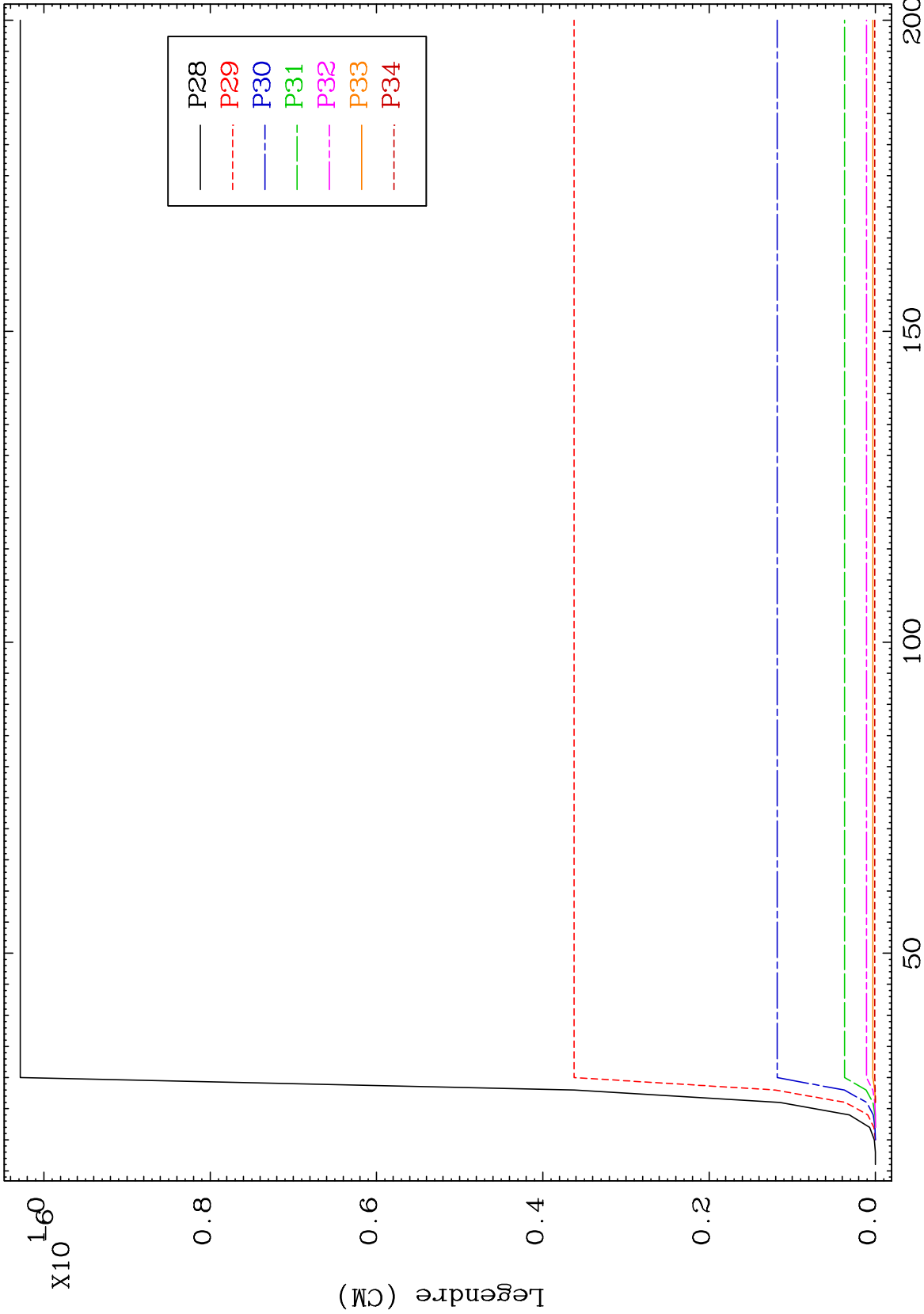
34

44-Ru-100

MAT 4437

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

44-Ru-100



35

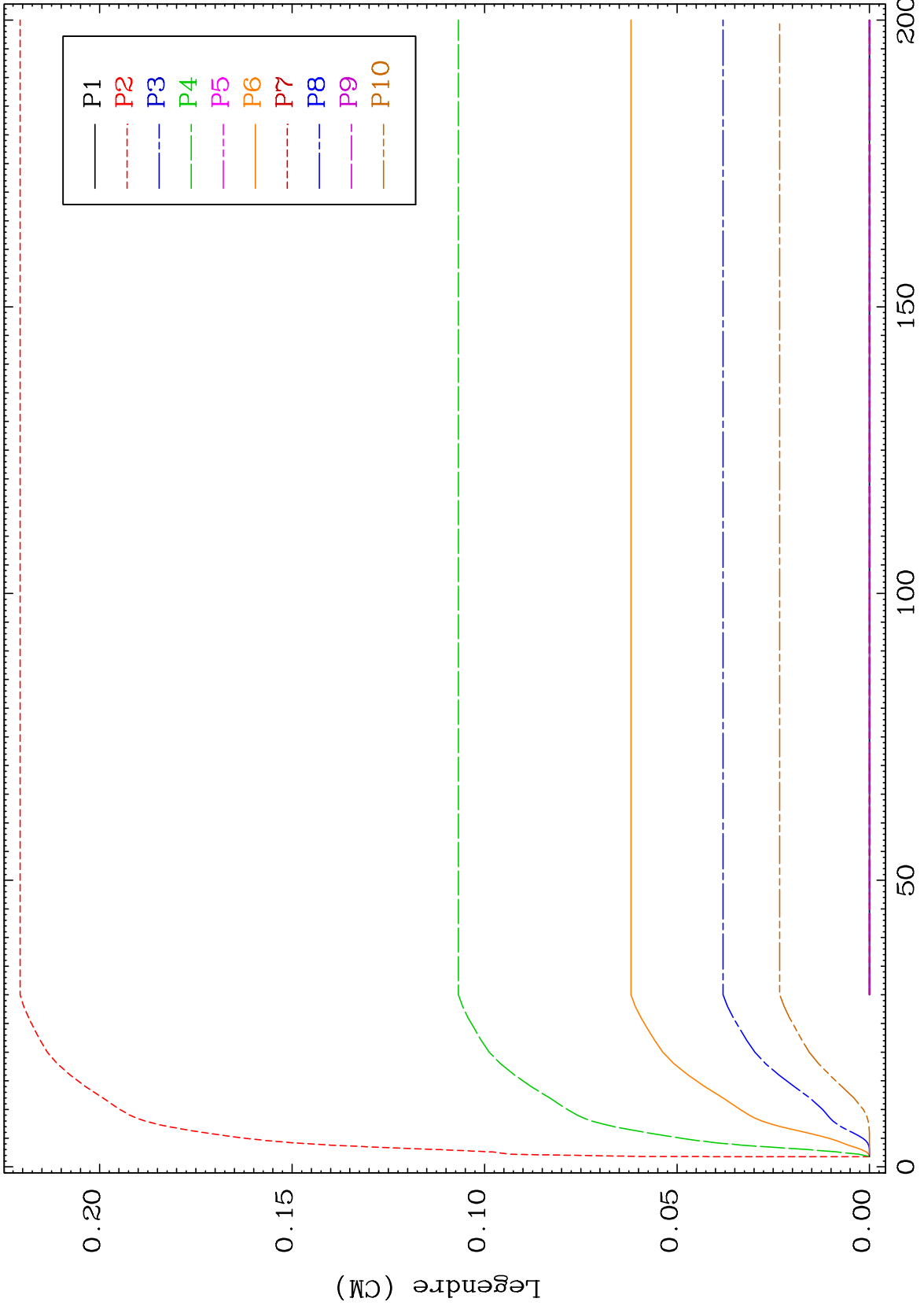
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

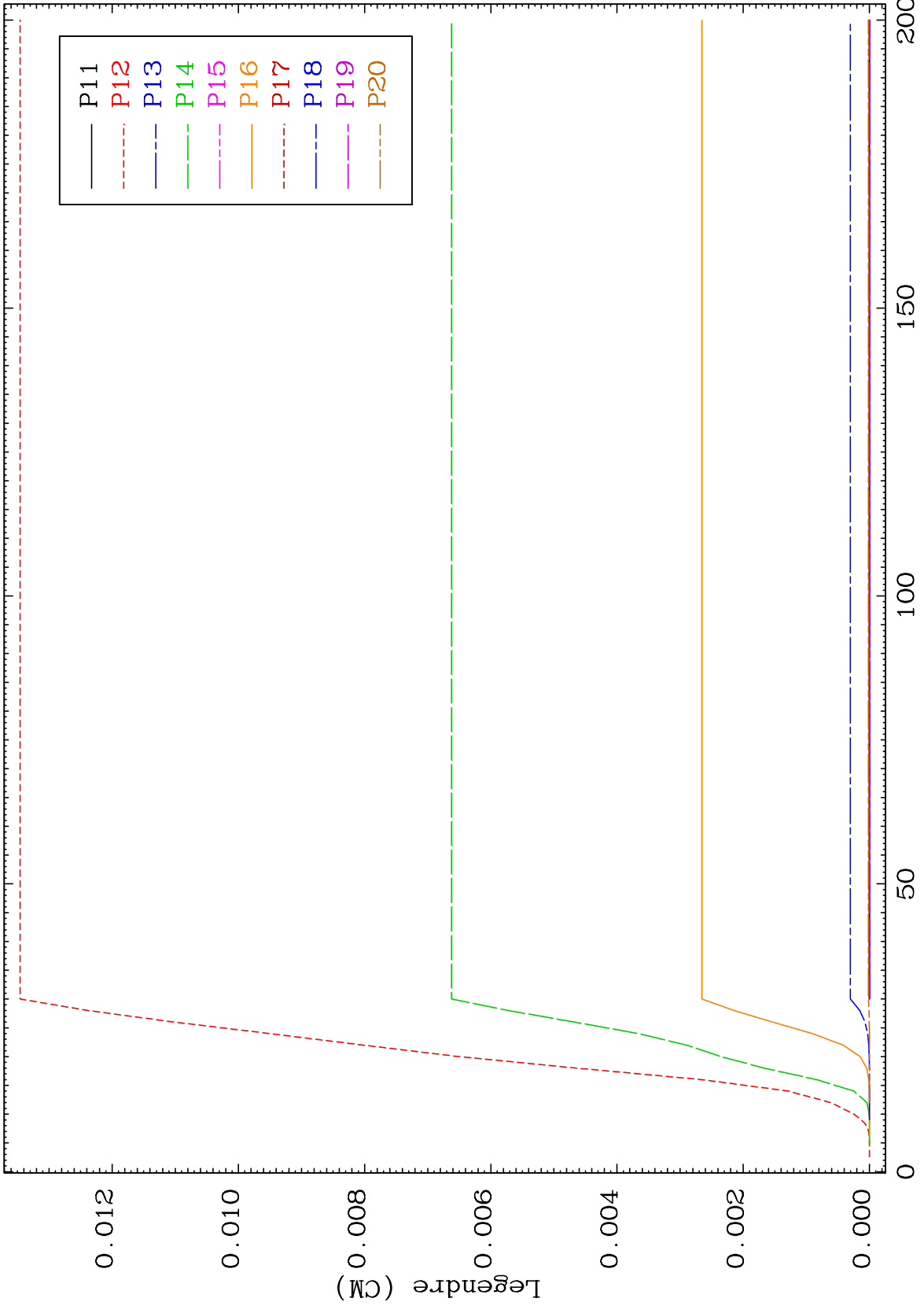


36

Incident Energy (MeV)

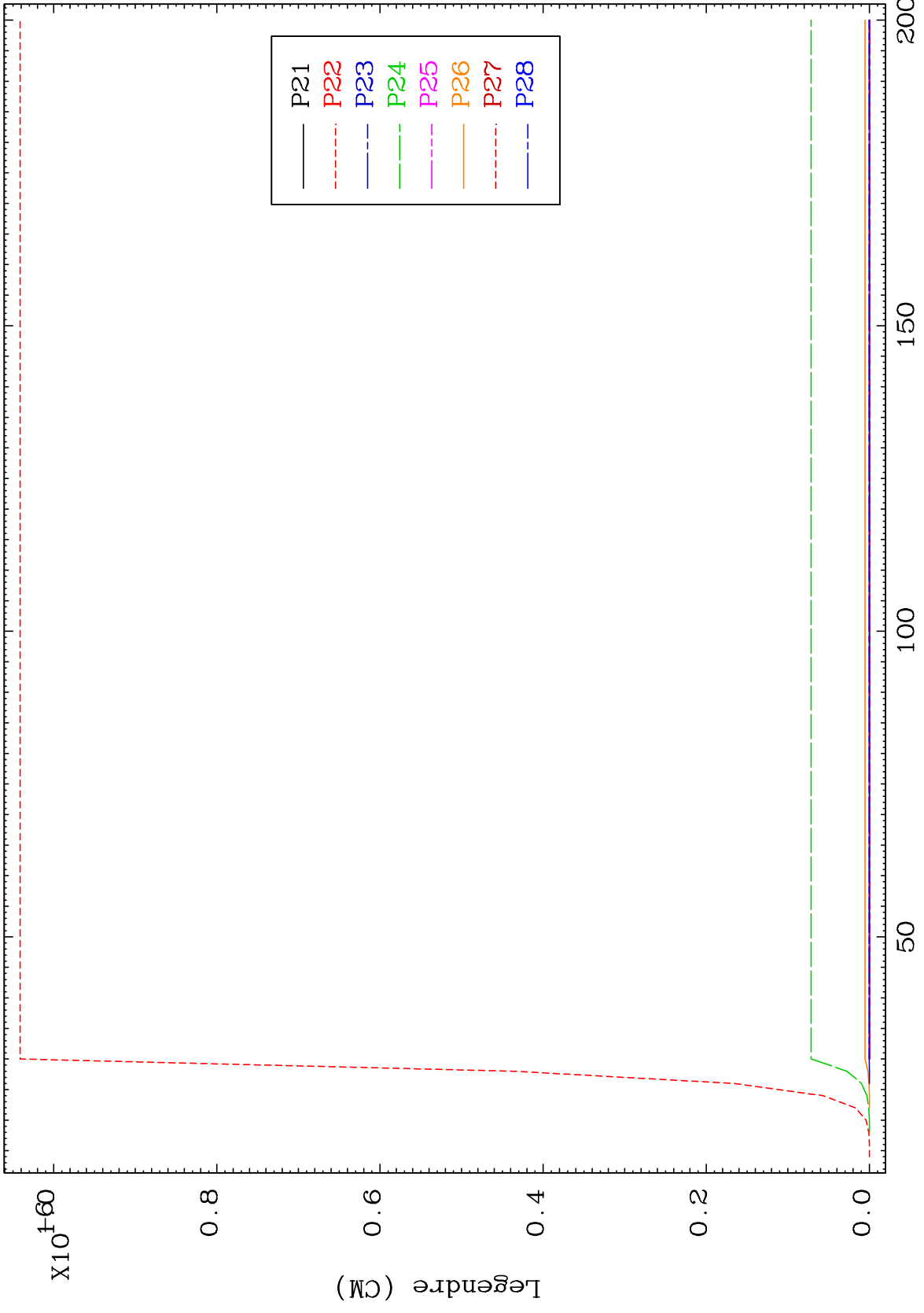
44-Ru-100

MAT 4437 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-100



37 44-Ru-100

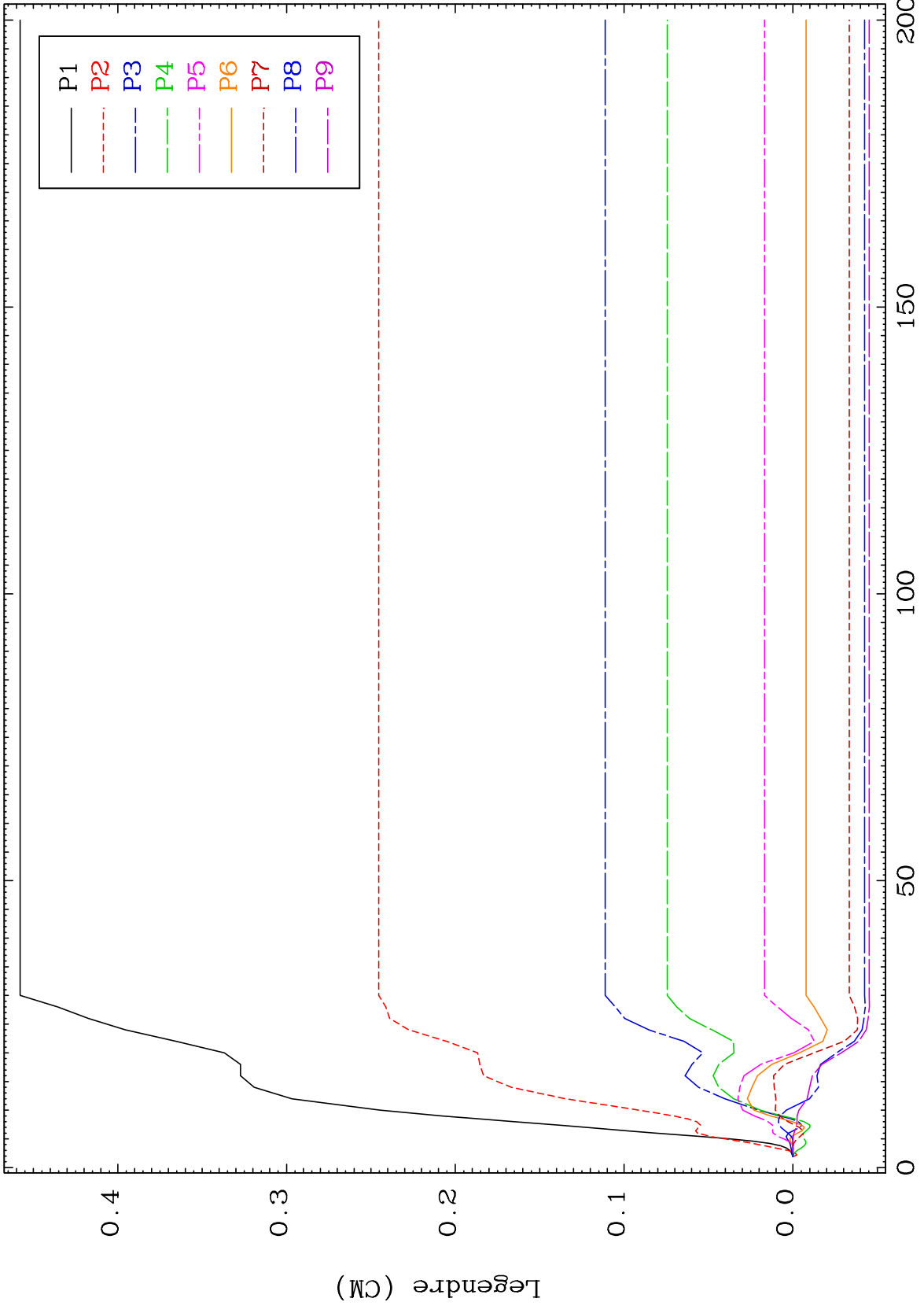
MAT 4437 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437

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

44-Ru-100



39

Incident Energy (MeV)

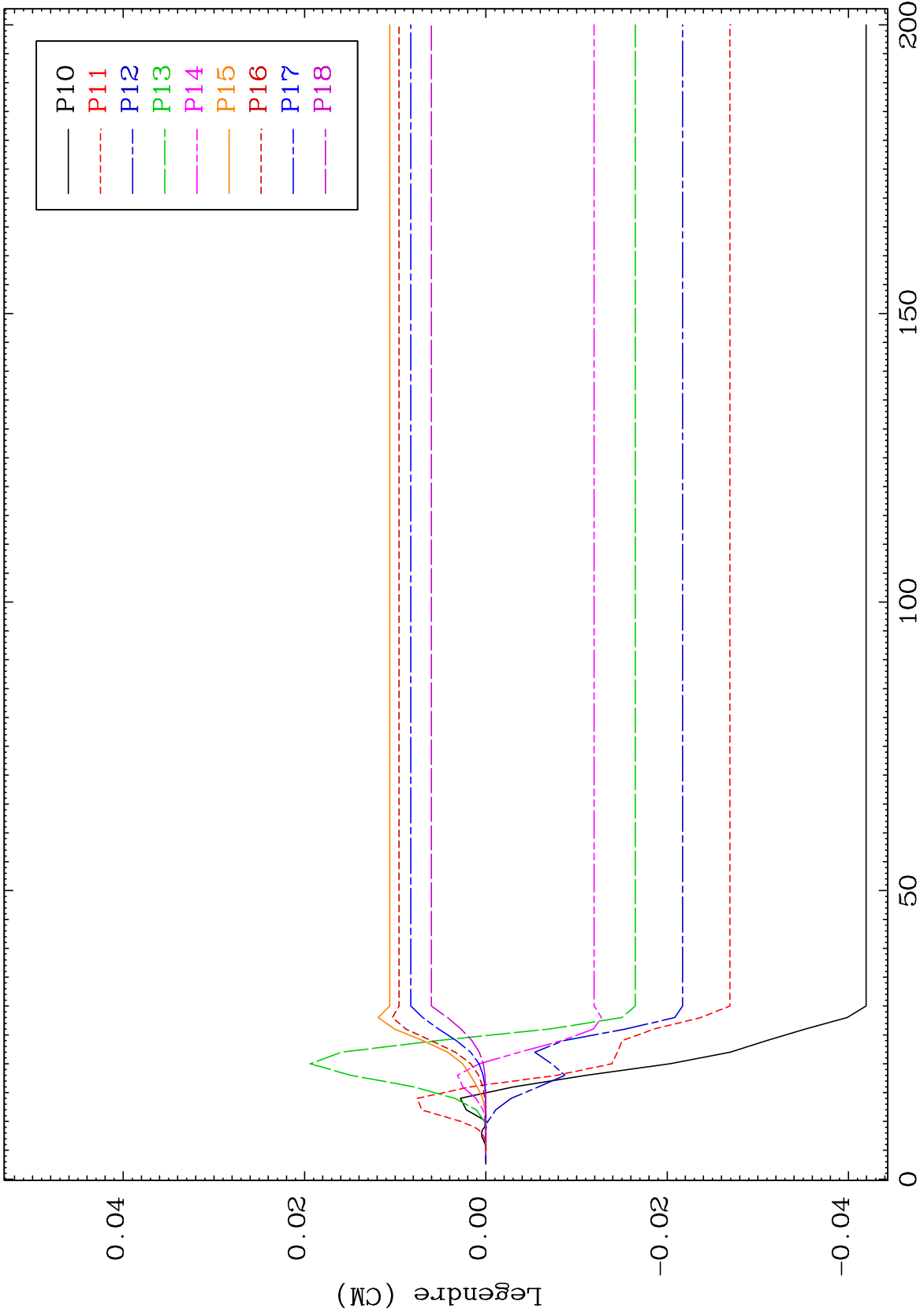
44-Ru-100



MAT 4437

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

44-Ru-100



40

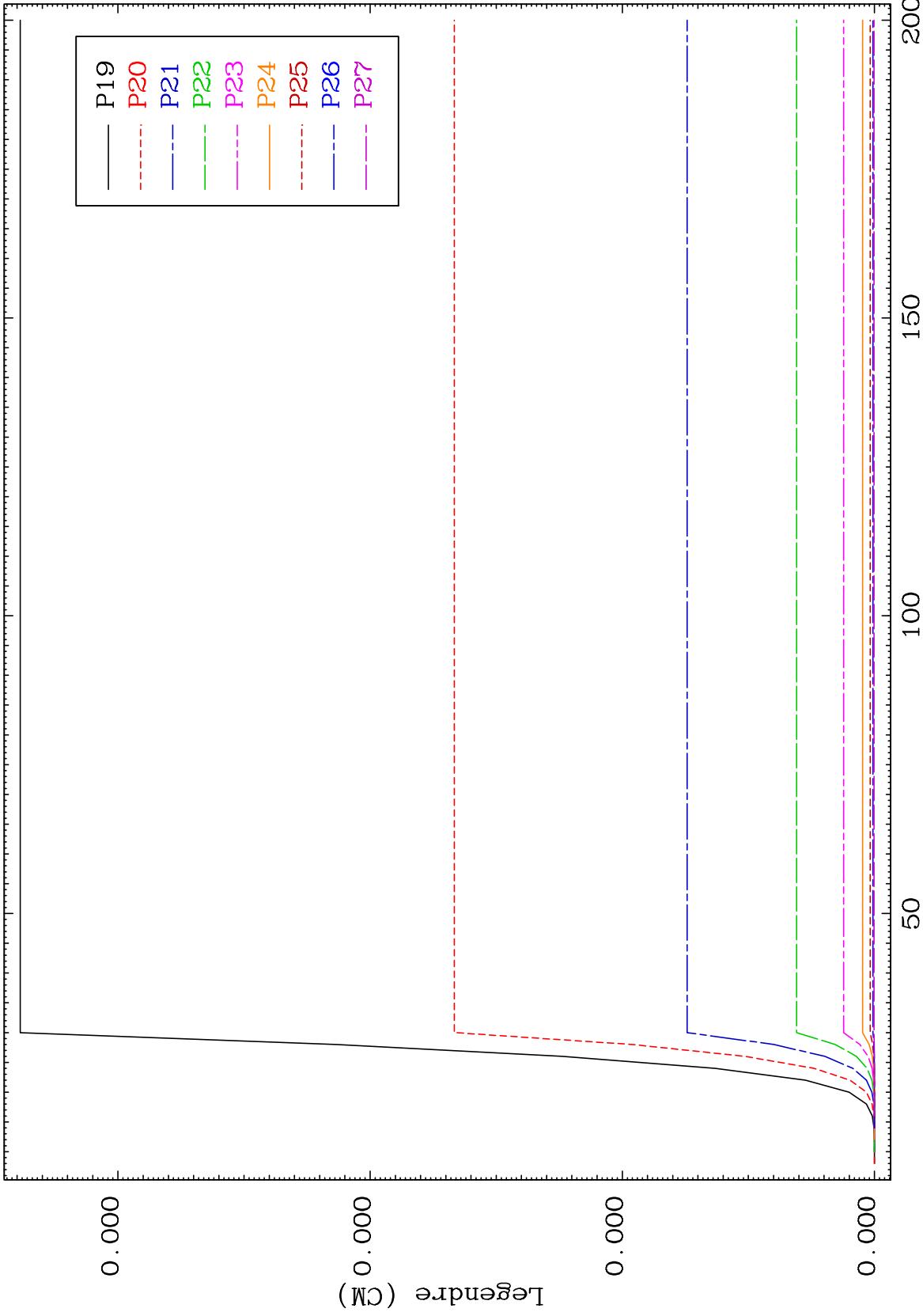
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



41

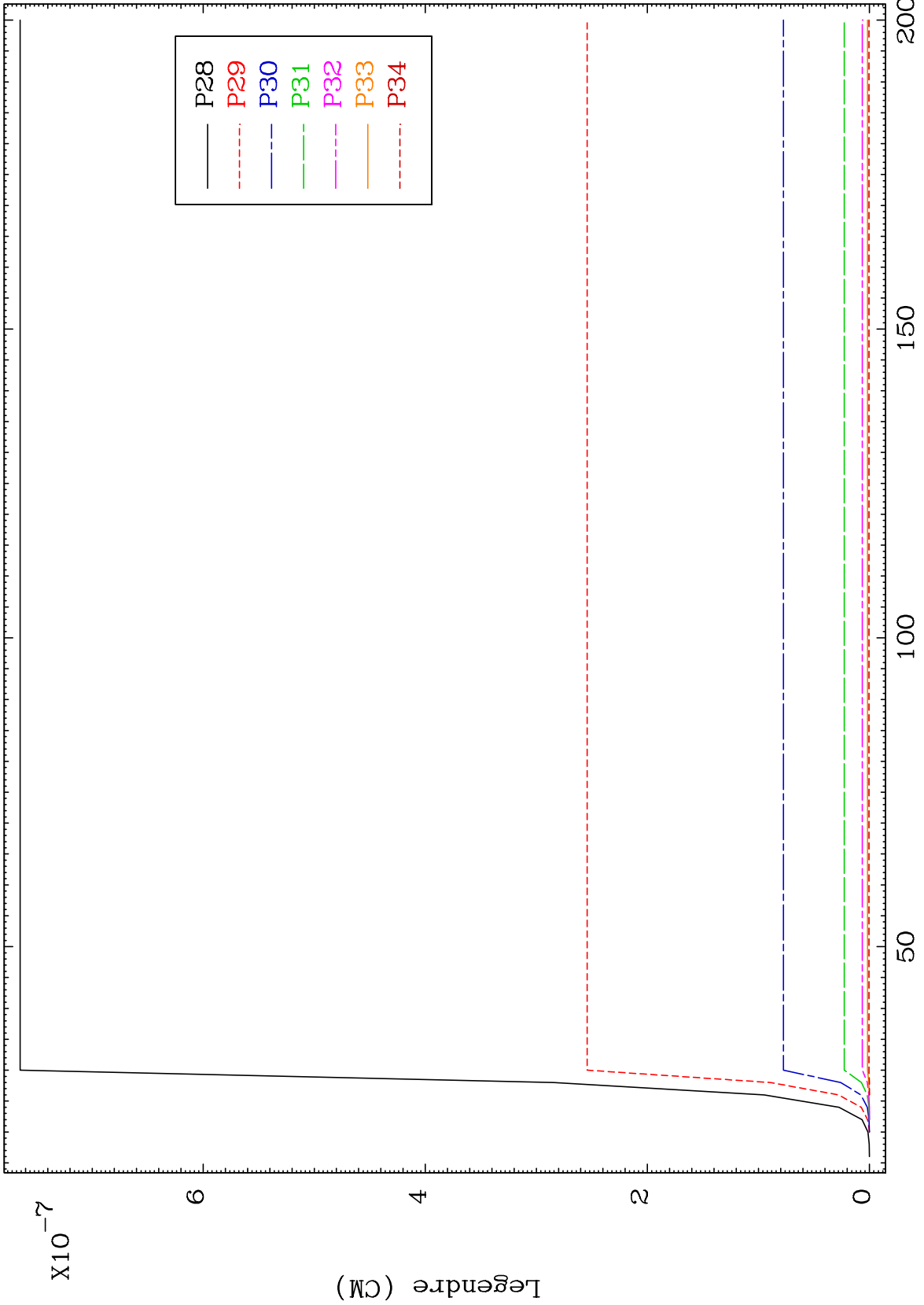
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

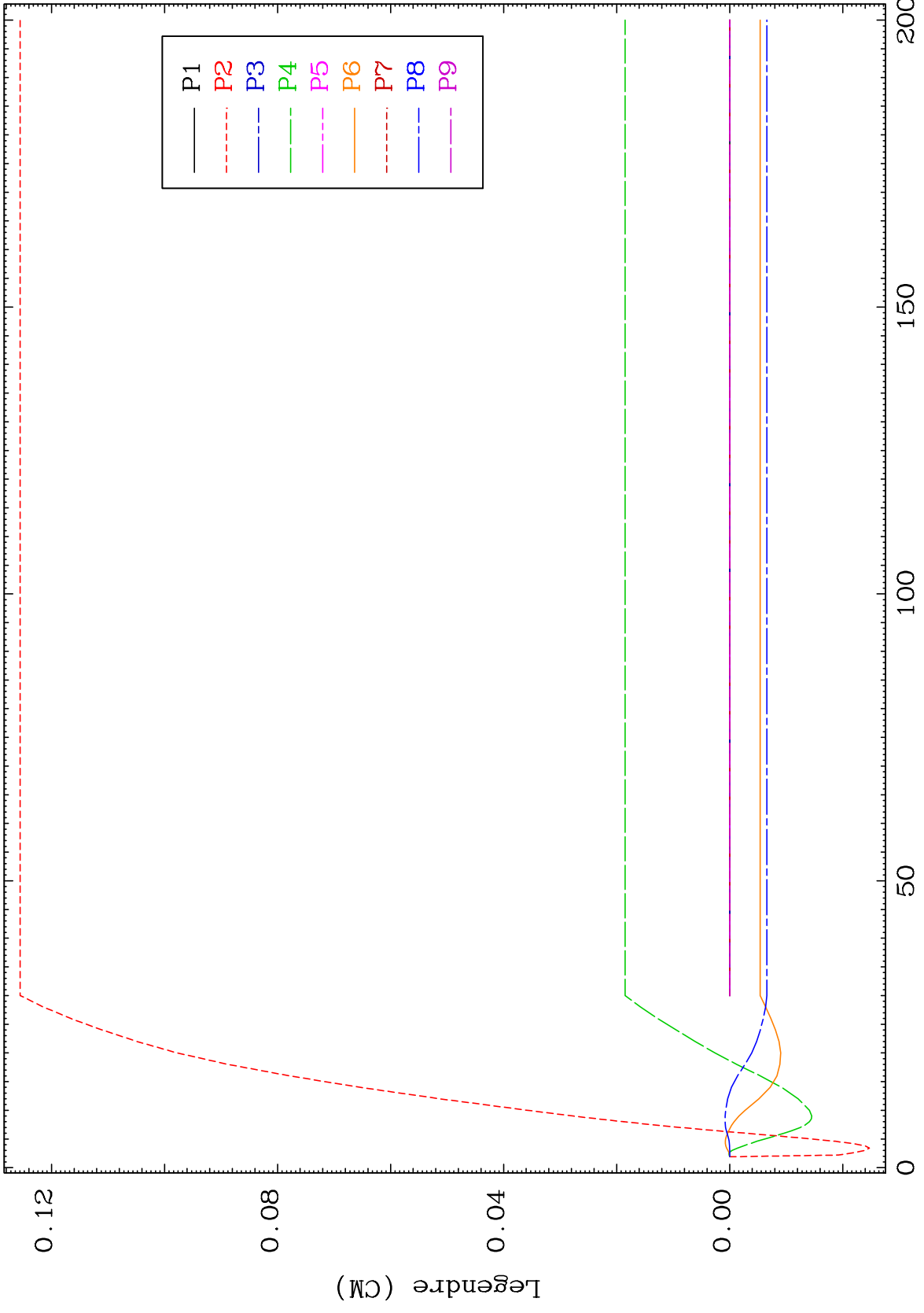


42

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 57 (n,n') Level Legendre Coefficients 44-Ru-100

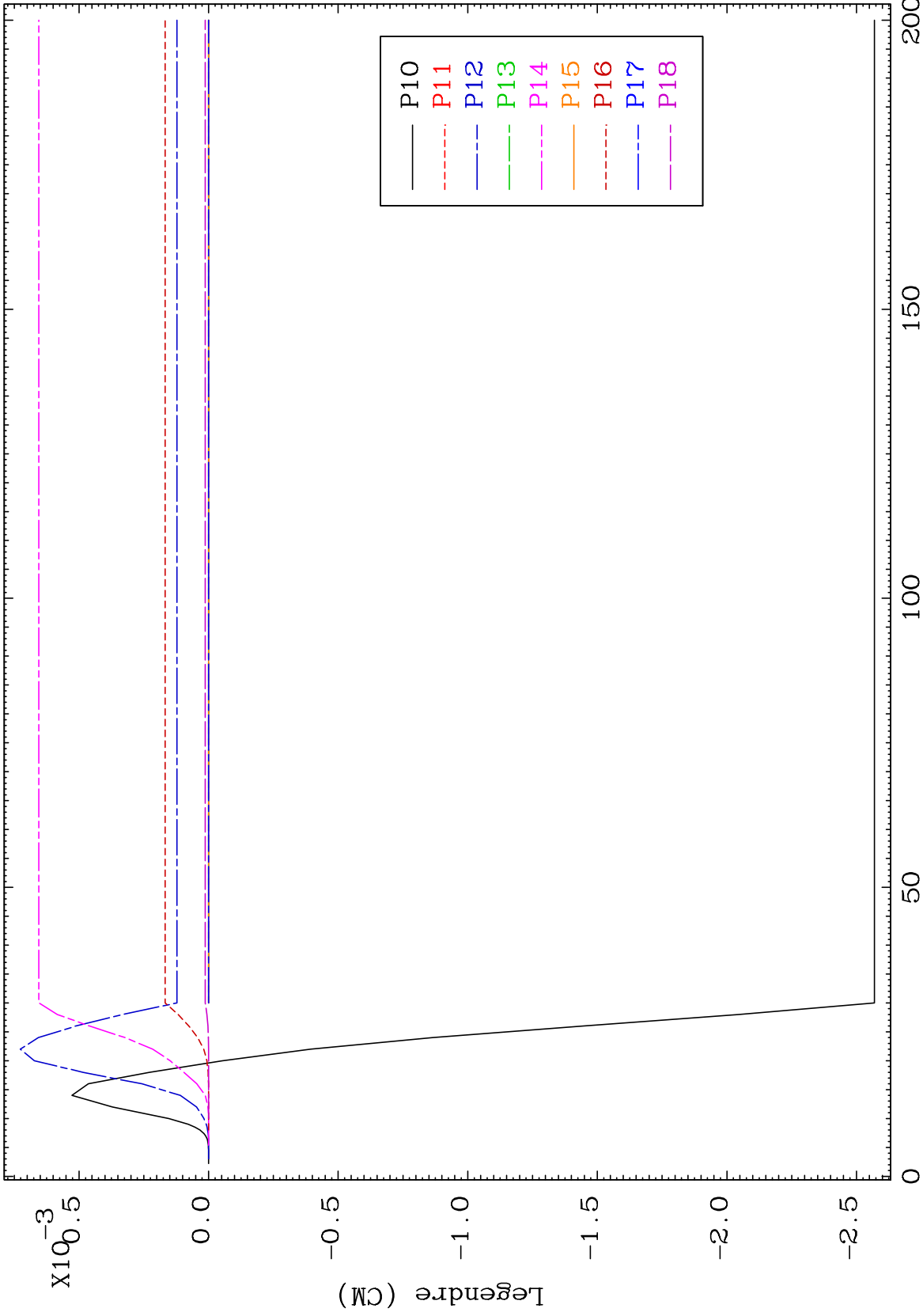


44-Ru-100

MAT 4437

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

44-Ru-100



44

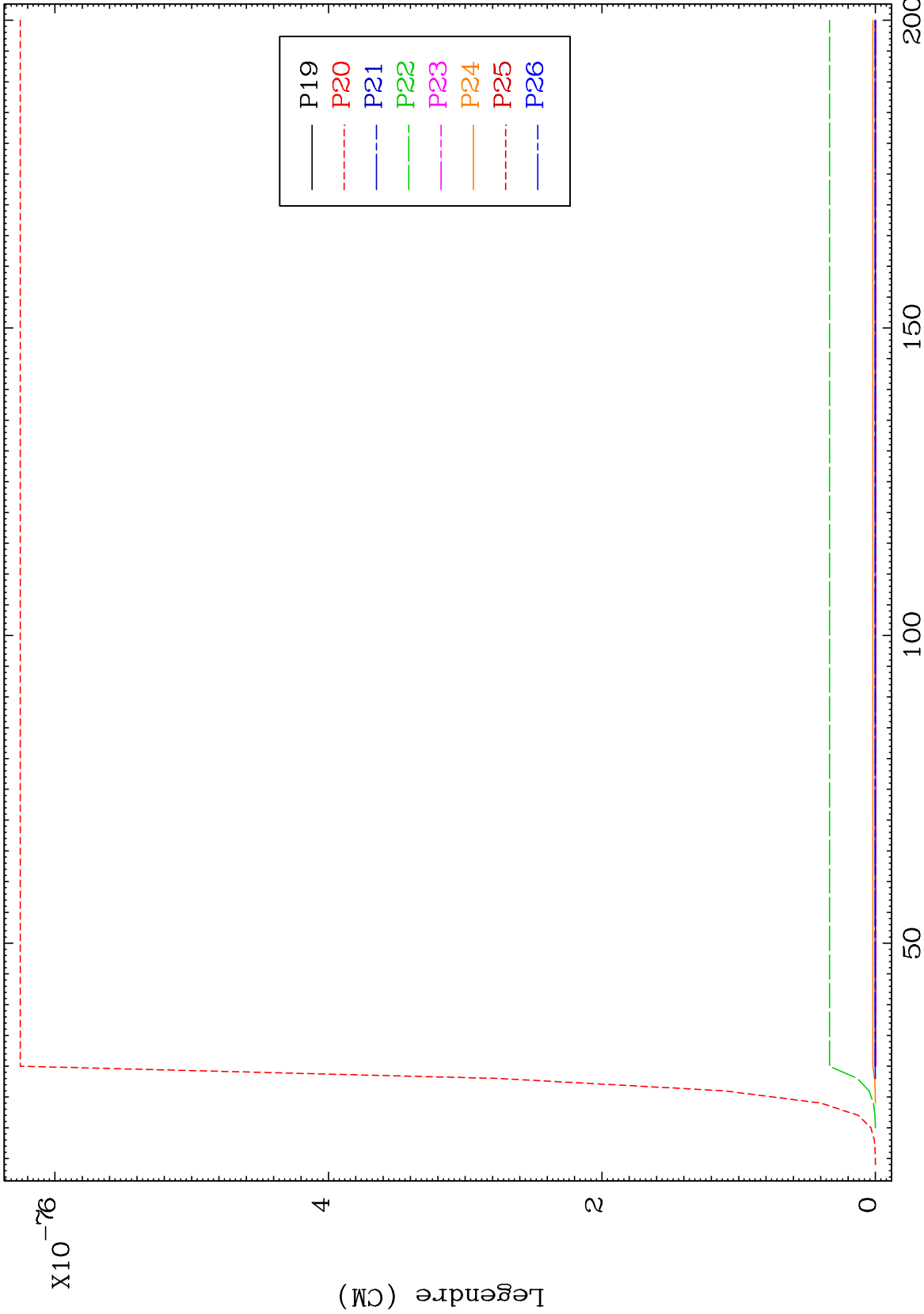
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



45

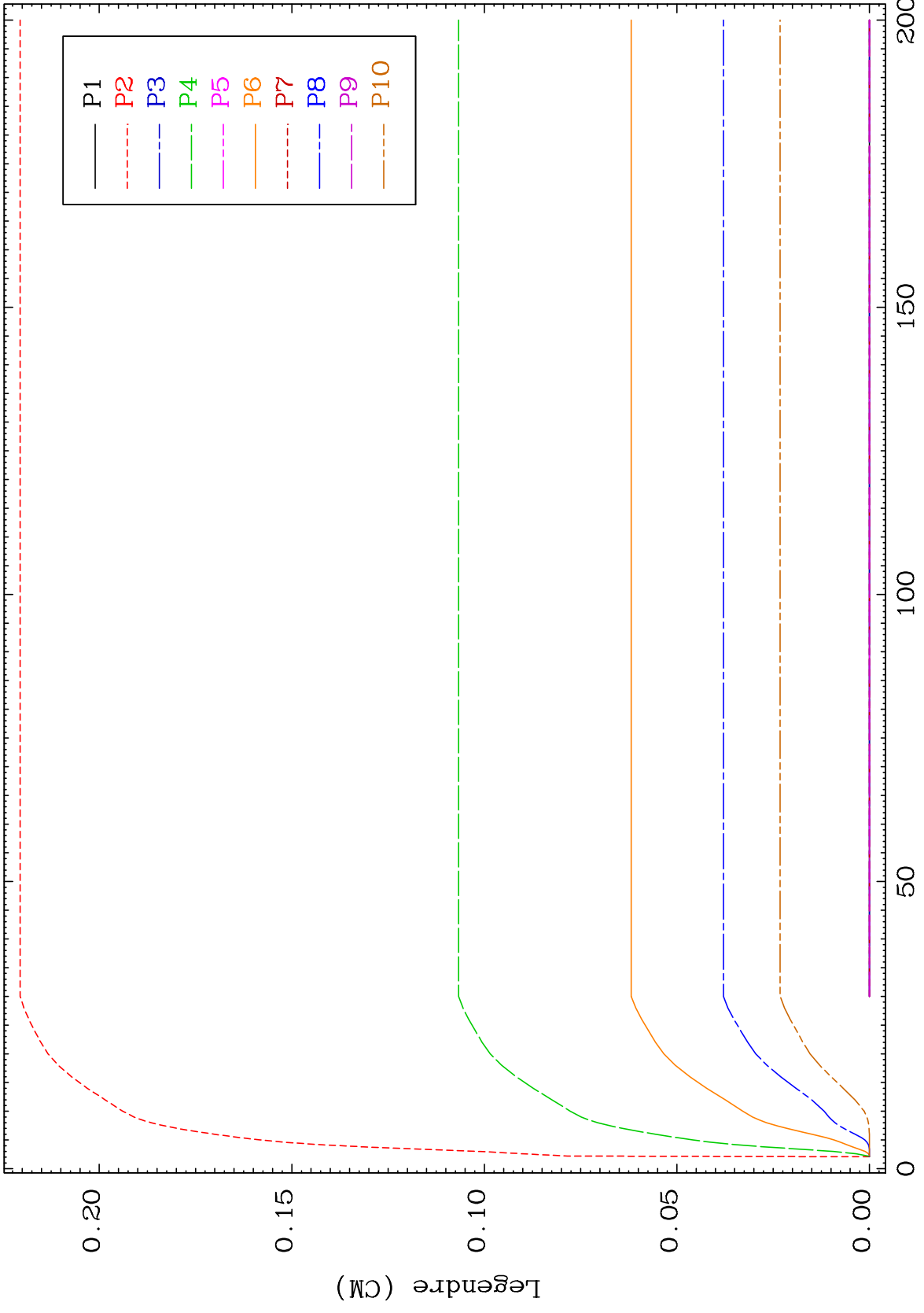
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



46

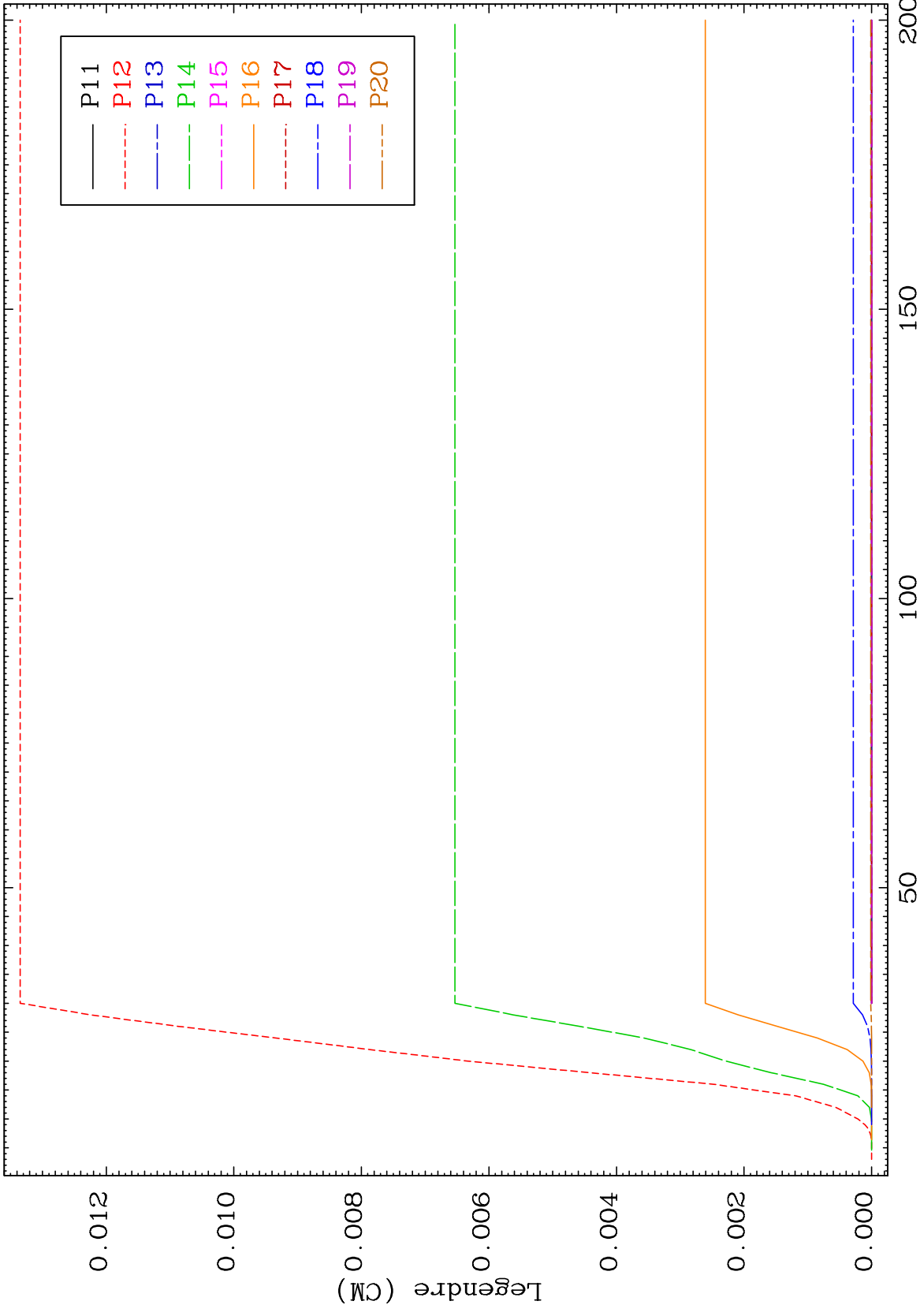
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



47

Incident Energy (MeV)

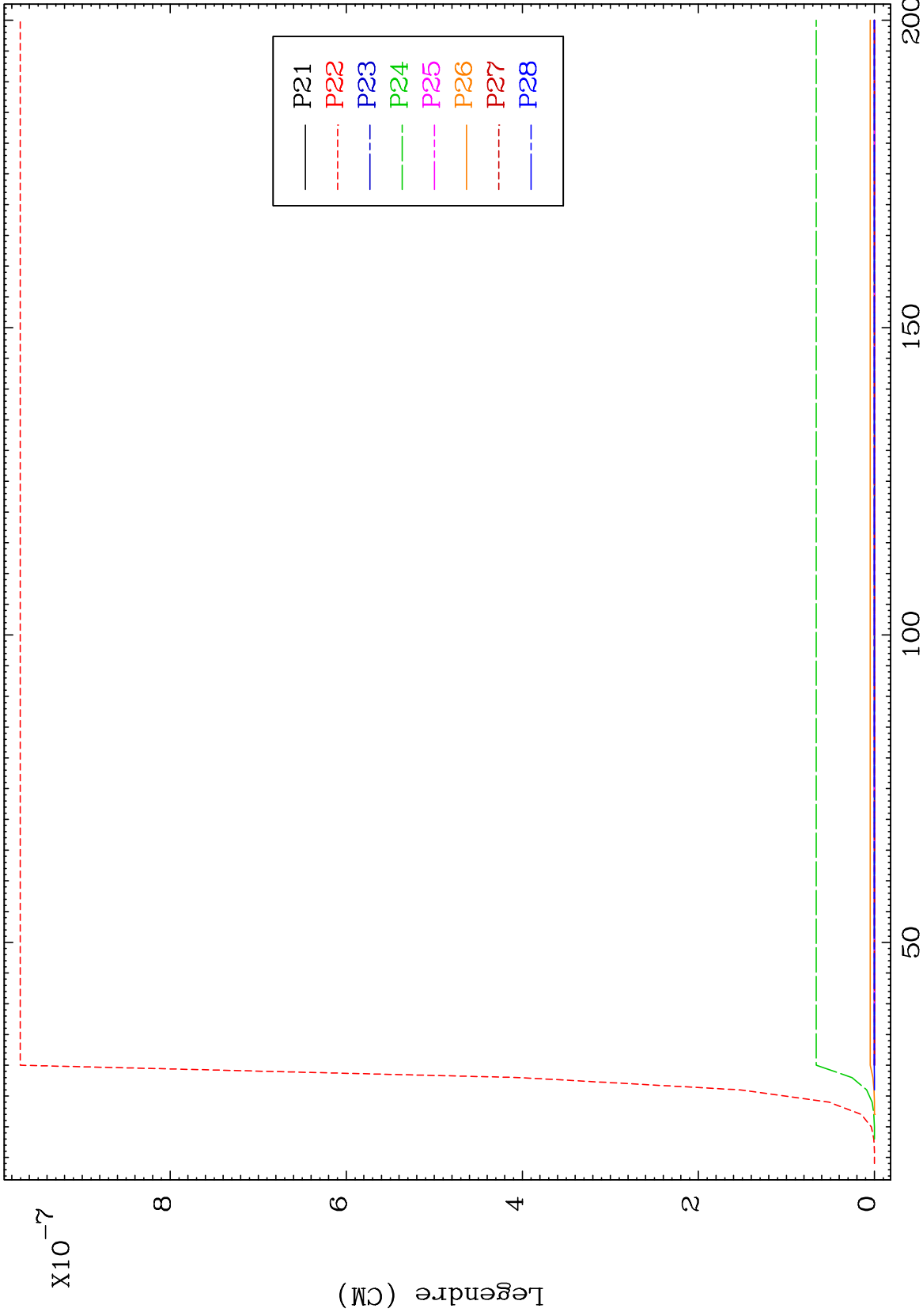
44-Ru-100



MAT 4437

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

44-Ru-100



48

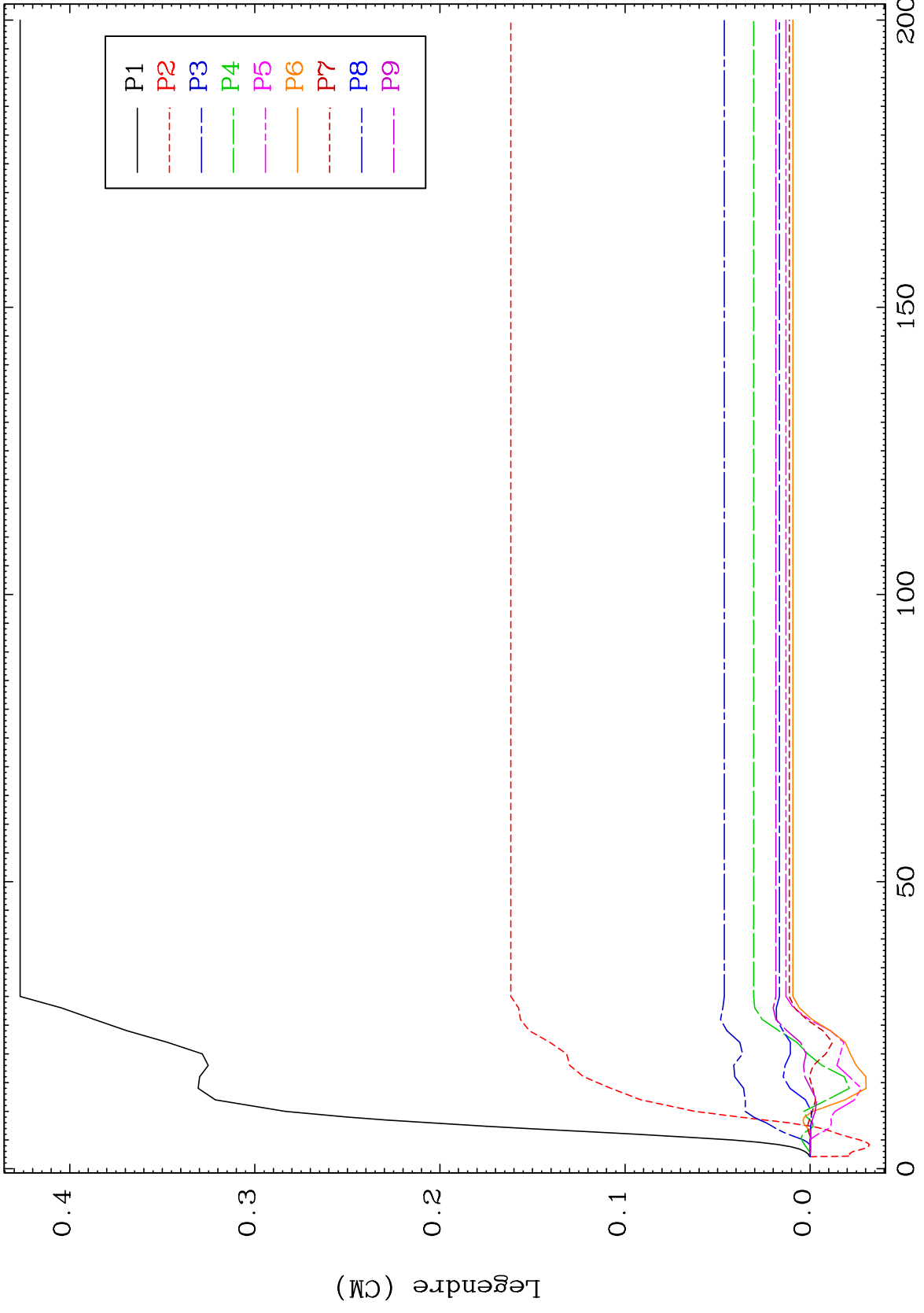
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



49

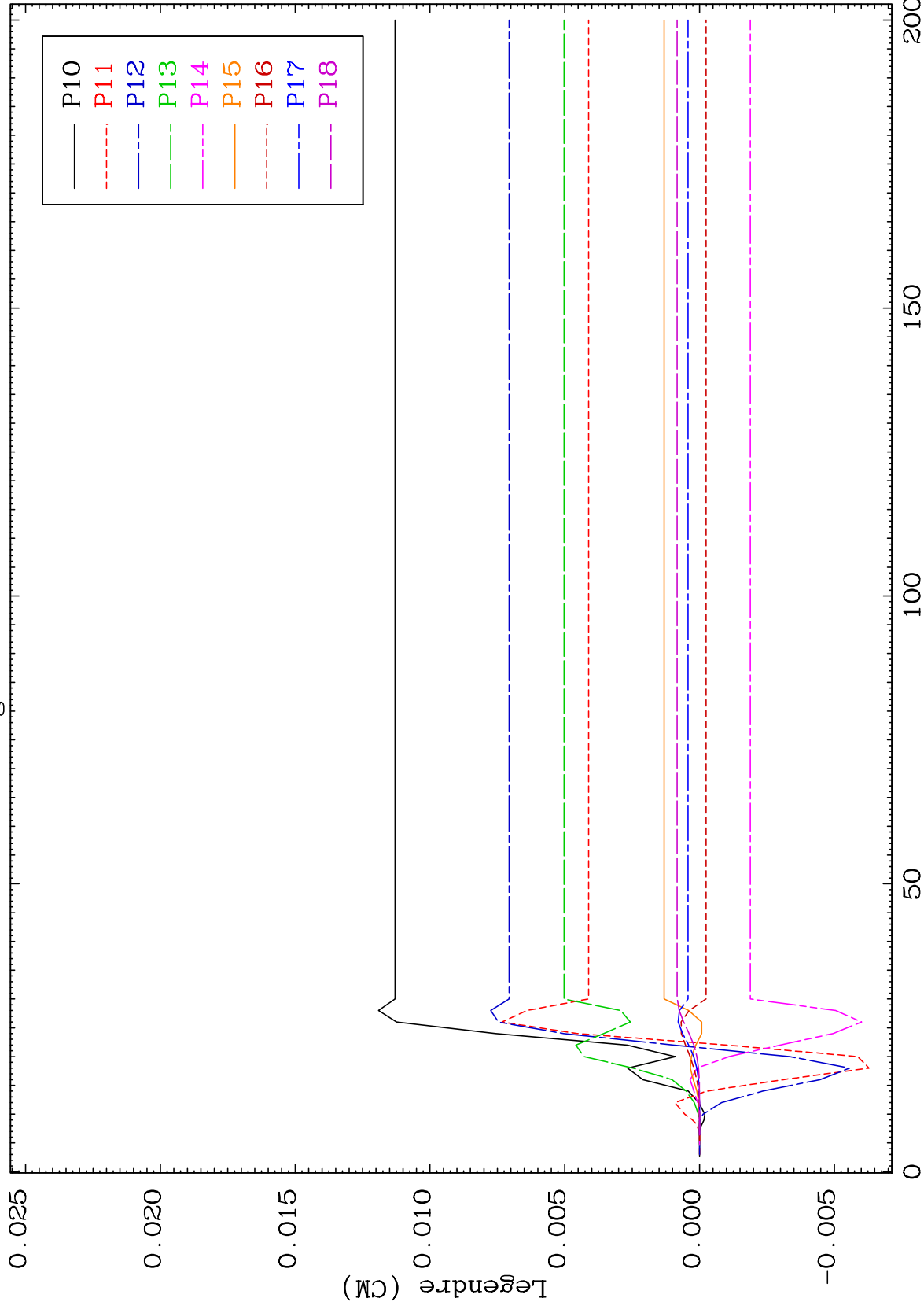
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



50

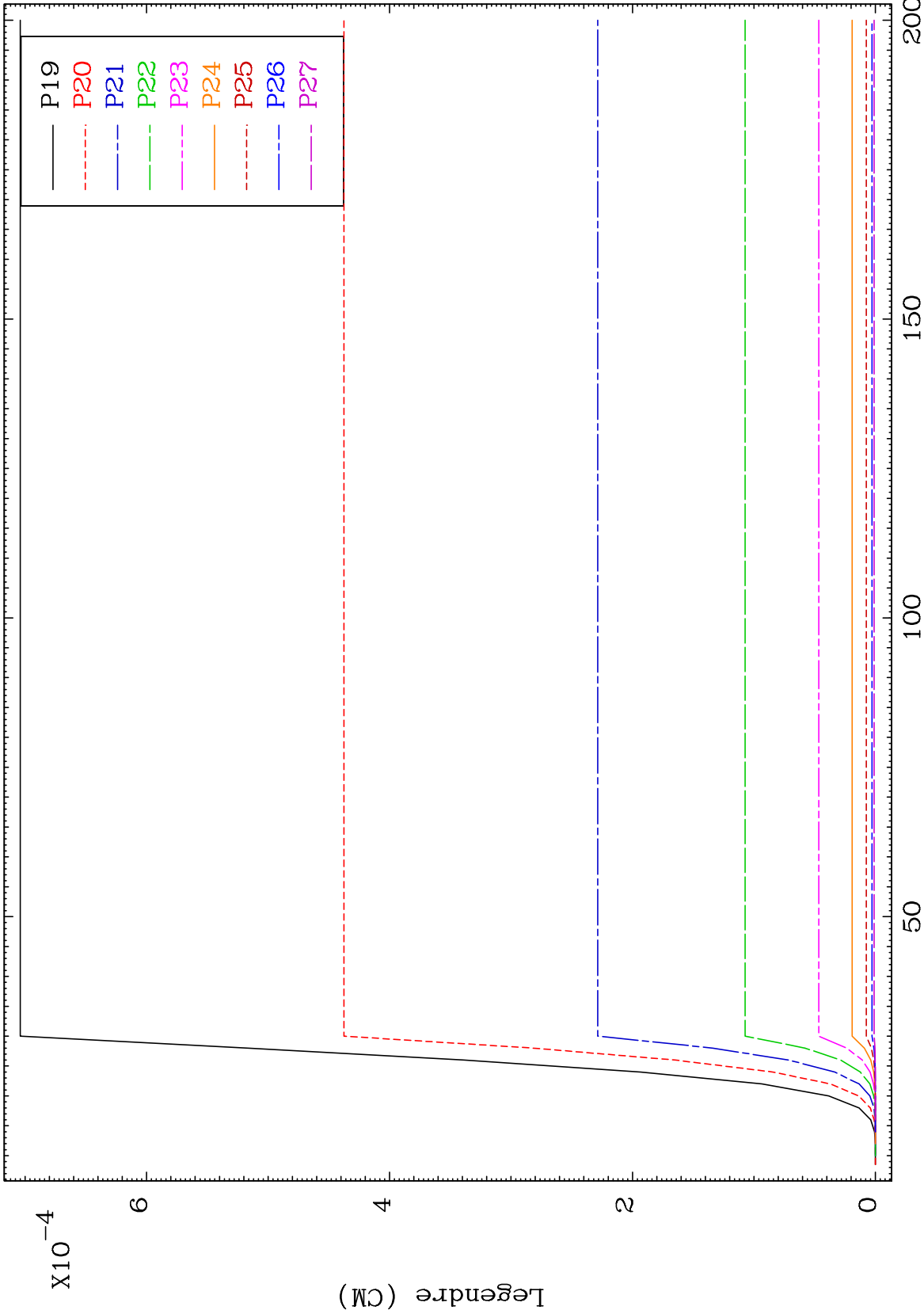
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



51

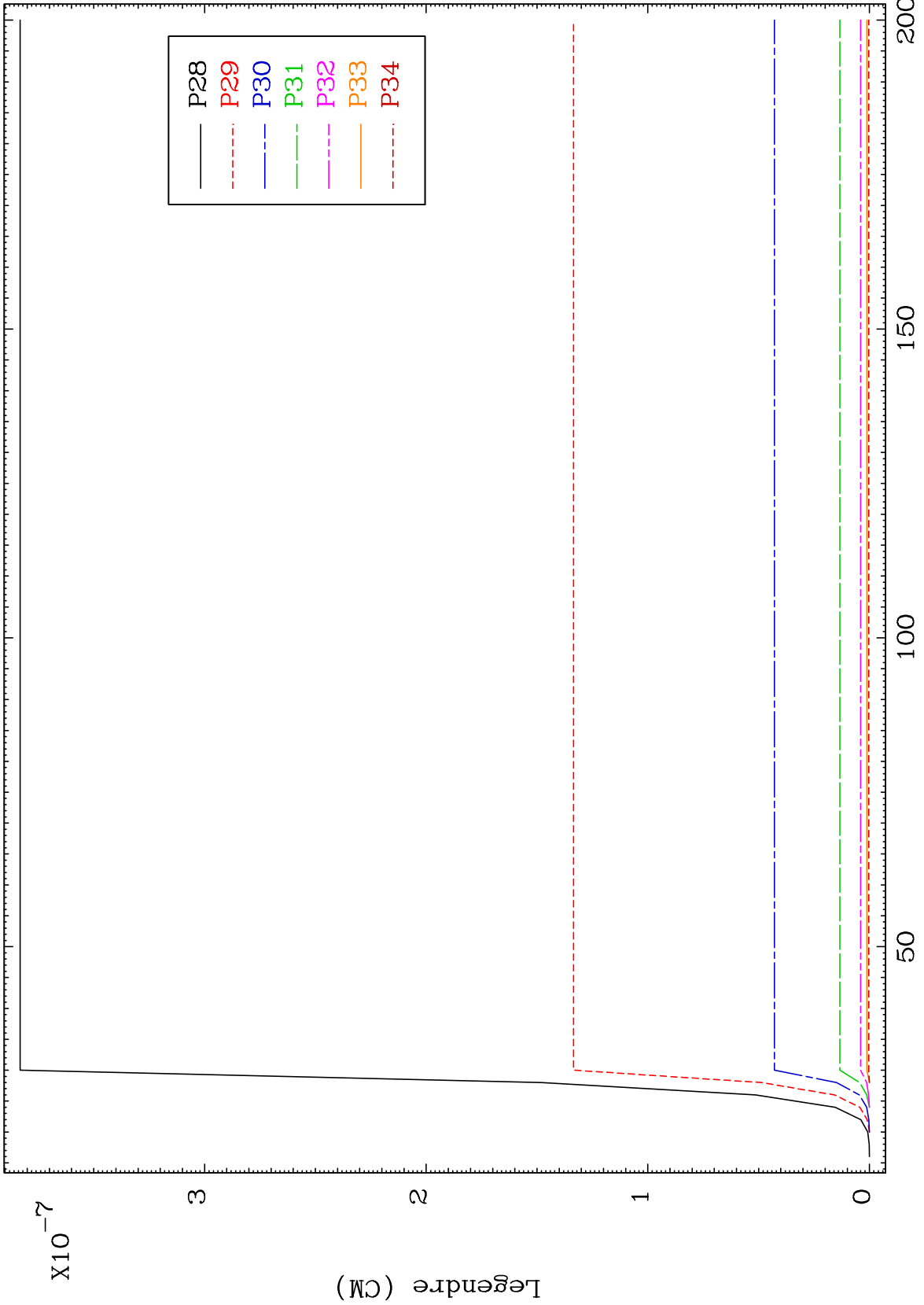
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

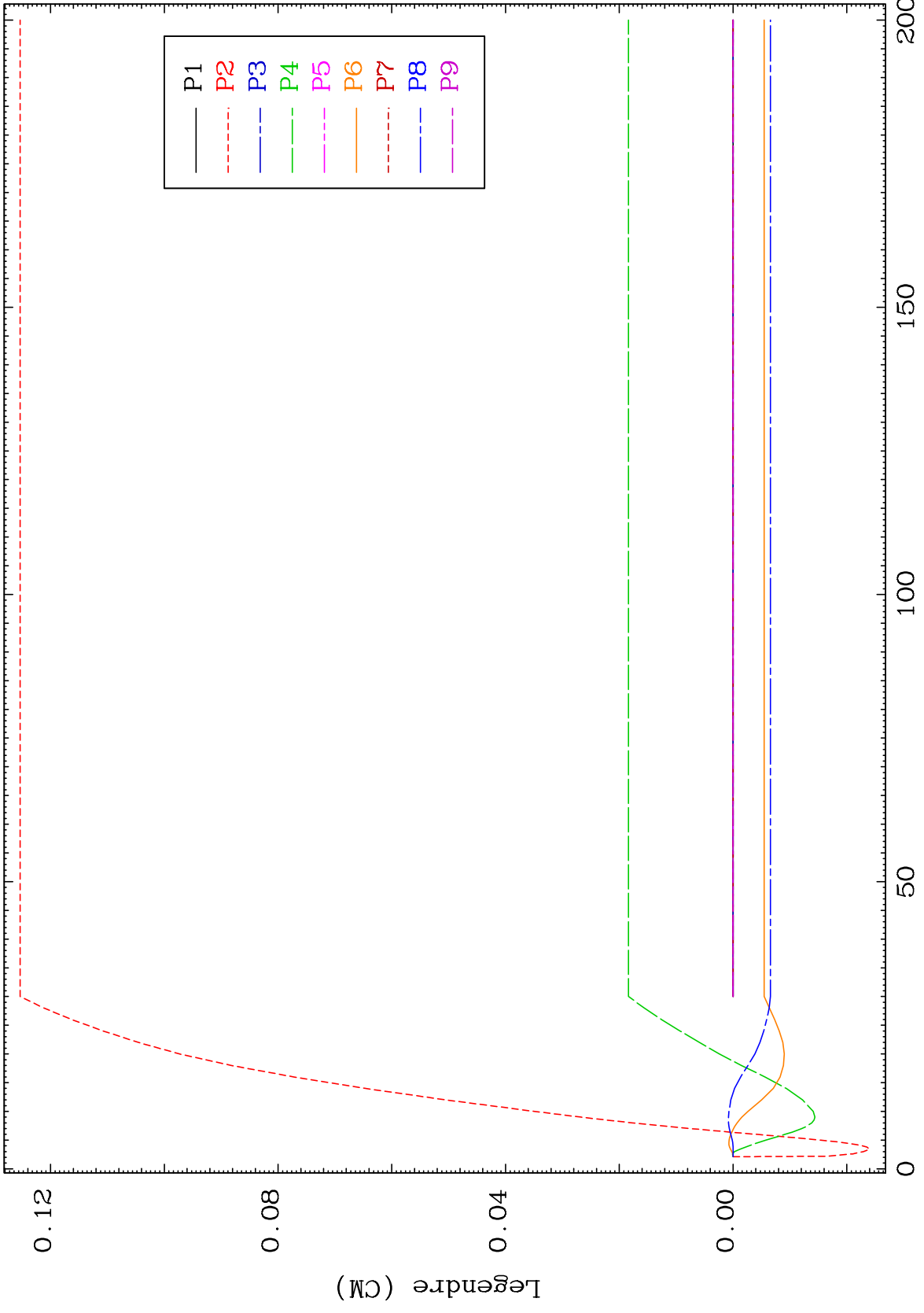


52

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-100

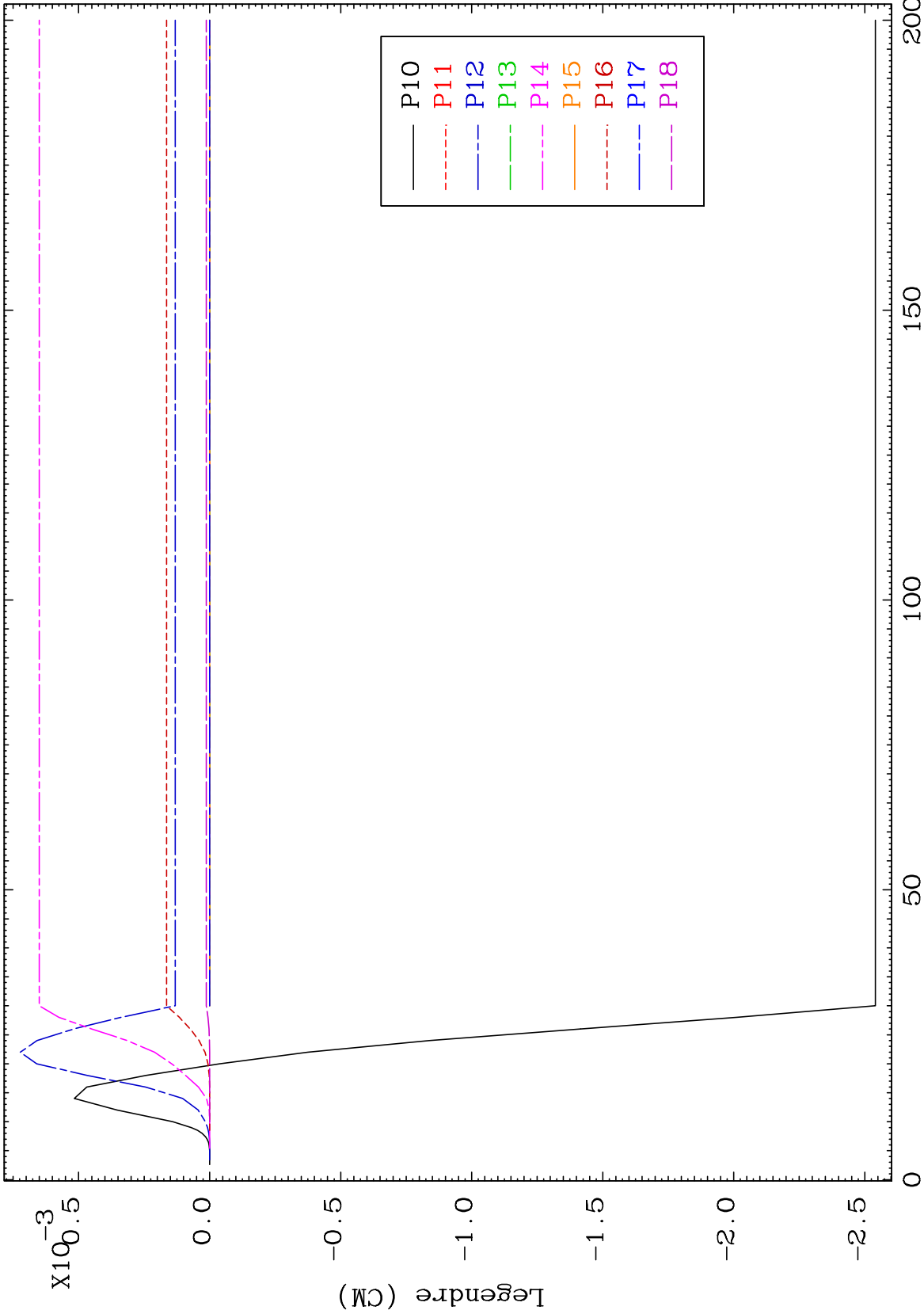


53 44-Ru-100

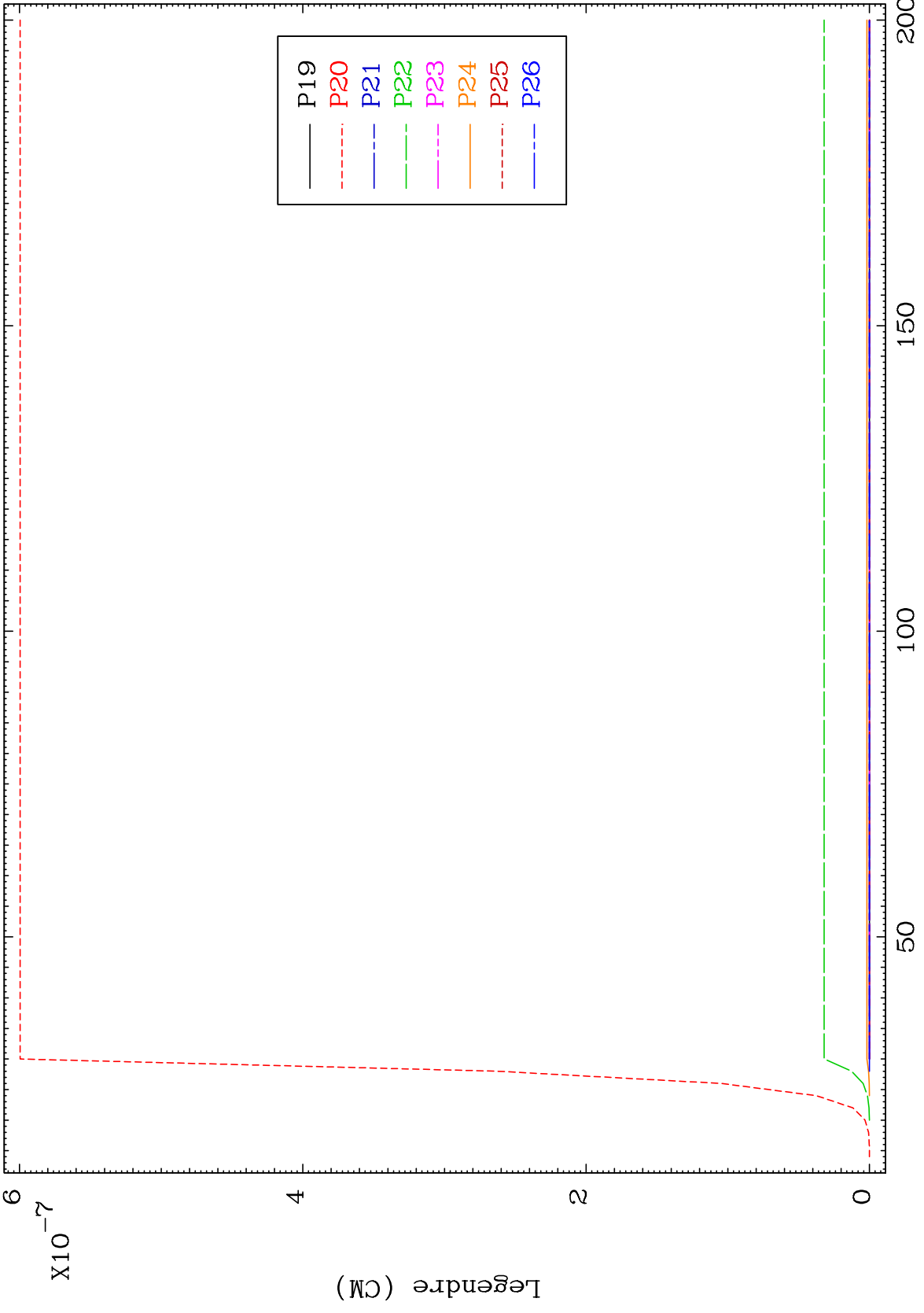
MAT 4437

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

44-Ru-100



MAT 4437 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-100



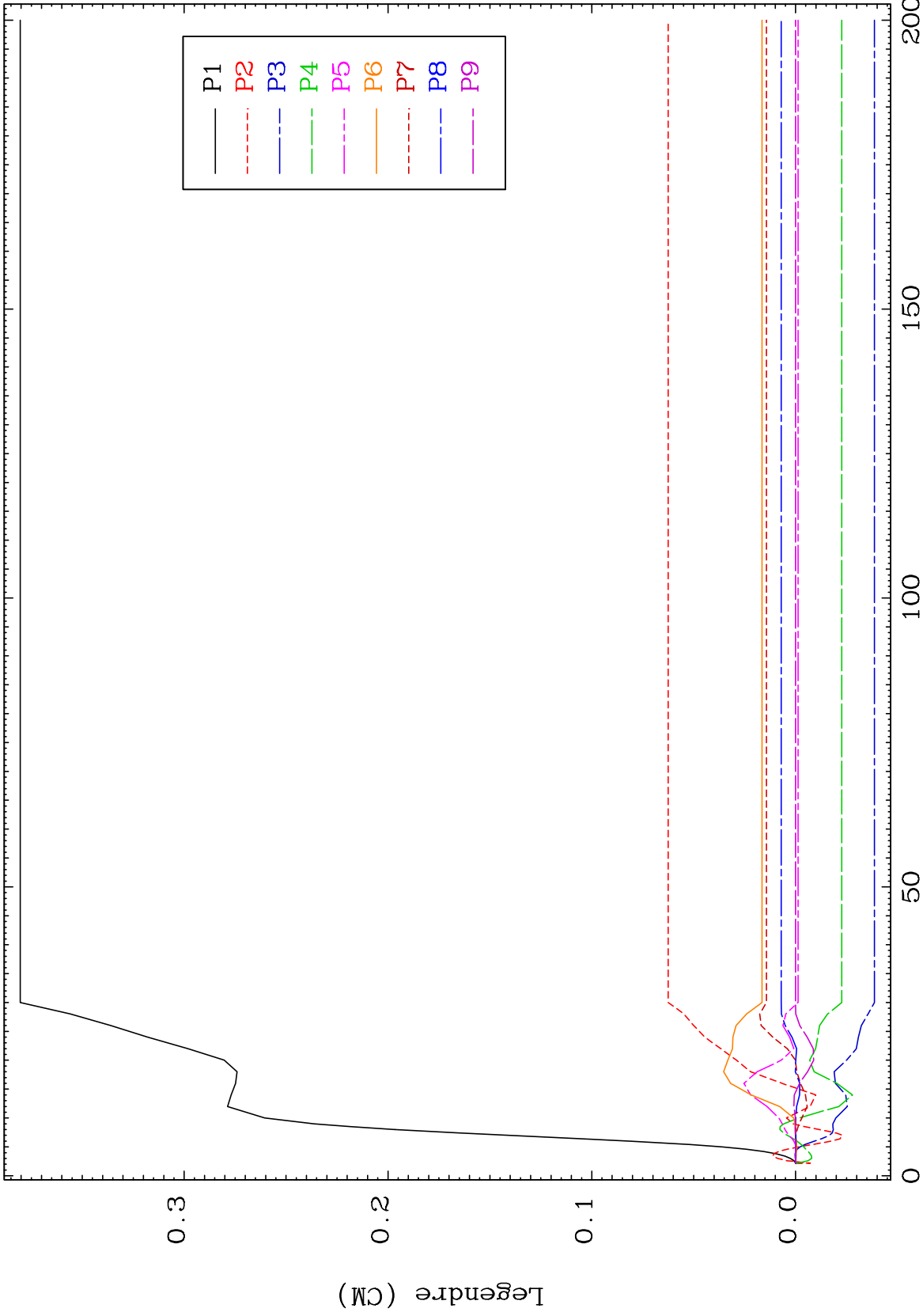
55 Incident Energy (MeV) 44-Ru-100



MAT 4437

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

44-Ru-100



56

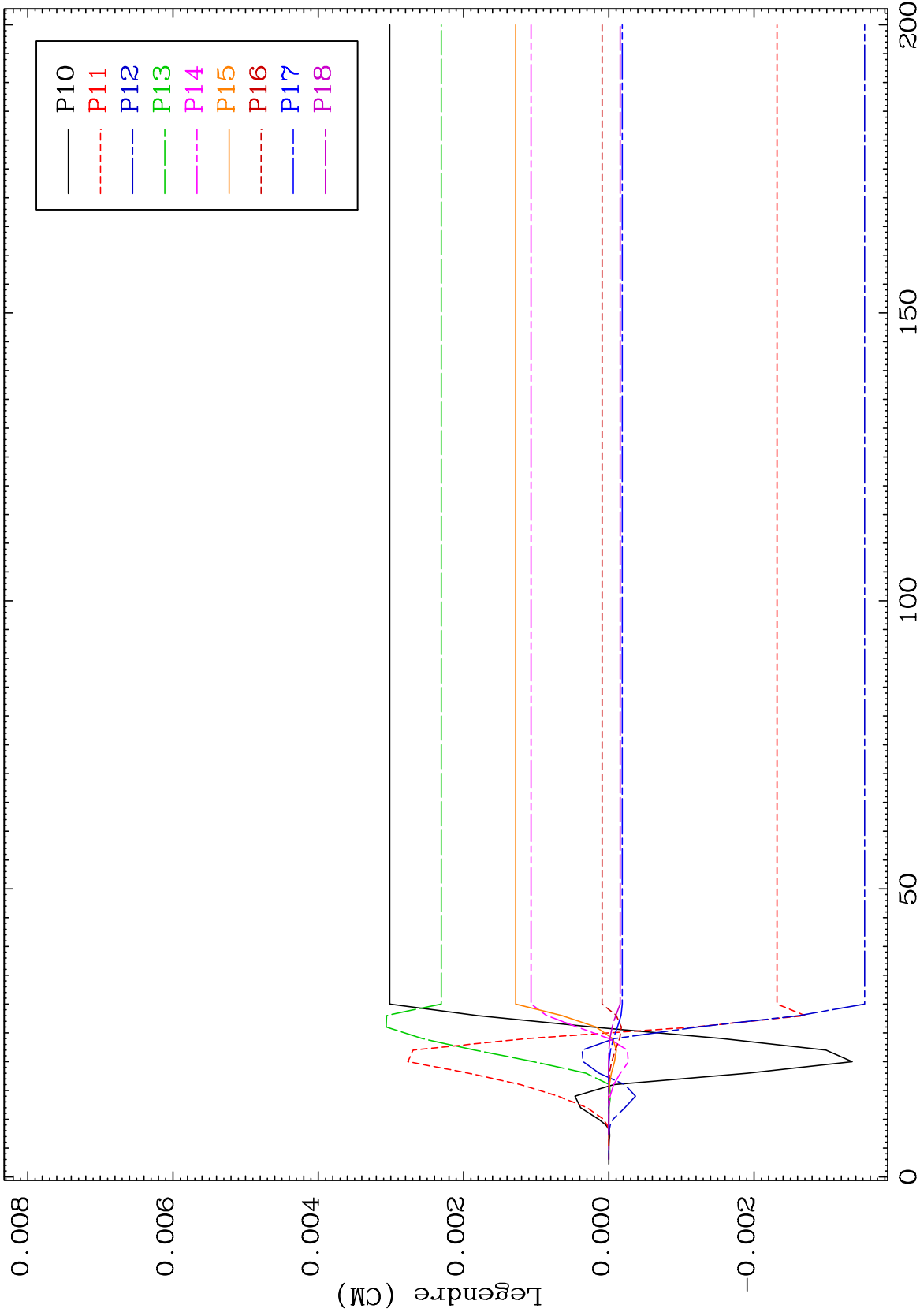
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



57

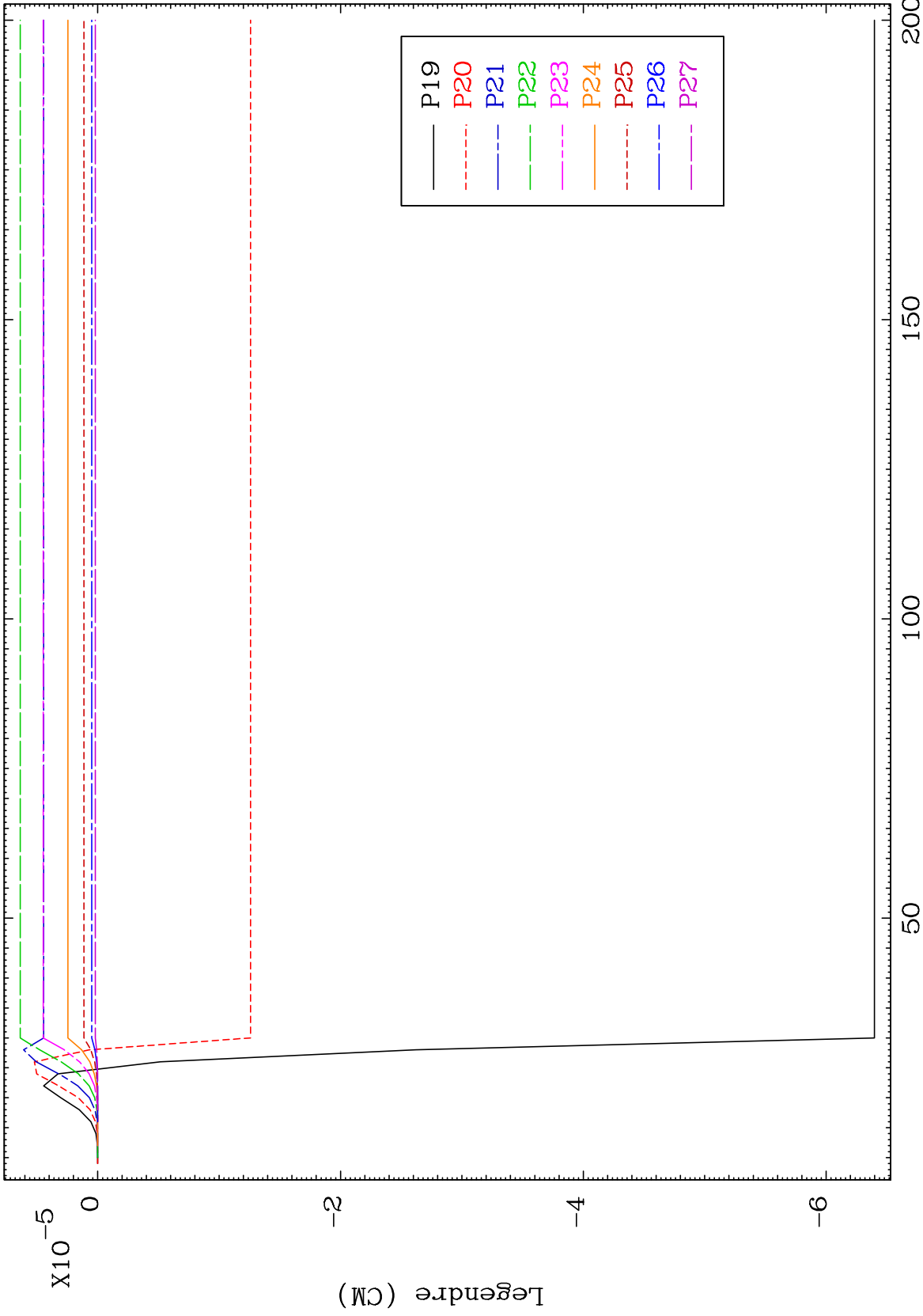
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

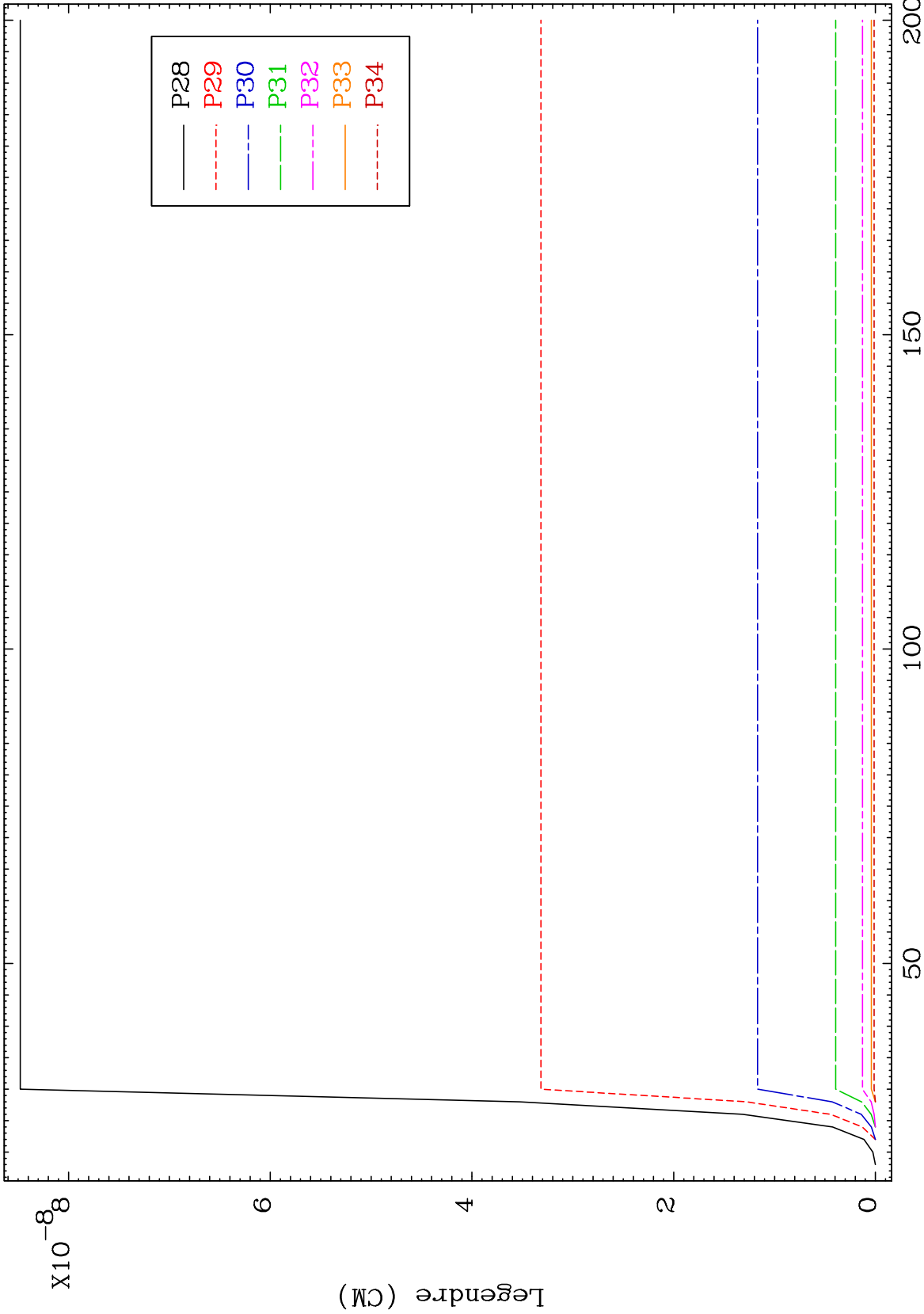
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



59

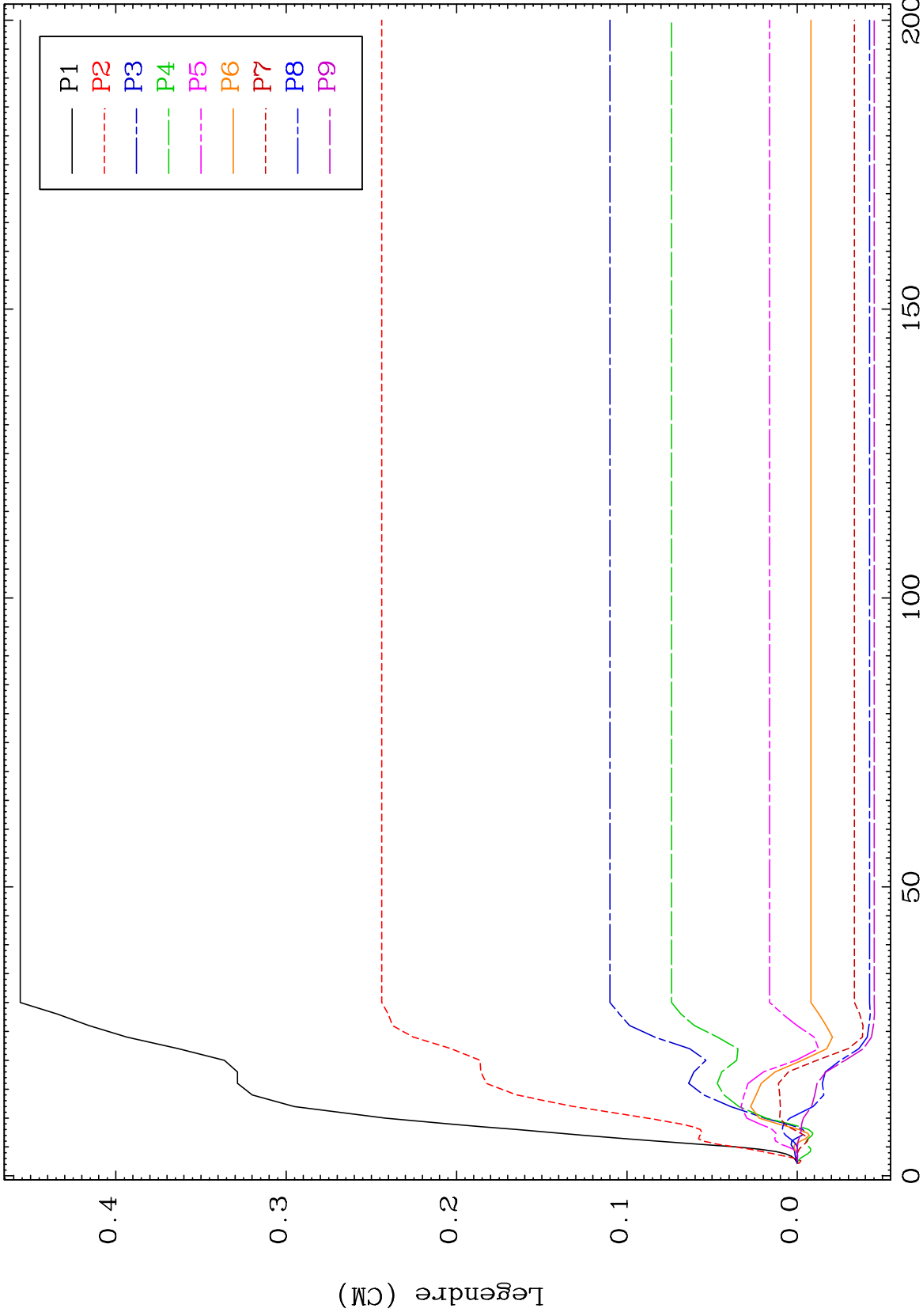
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



60

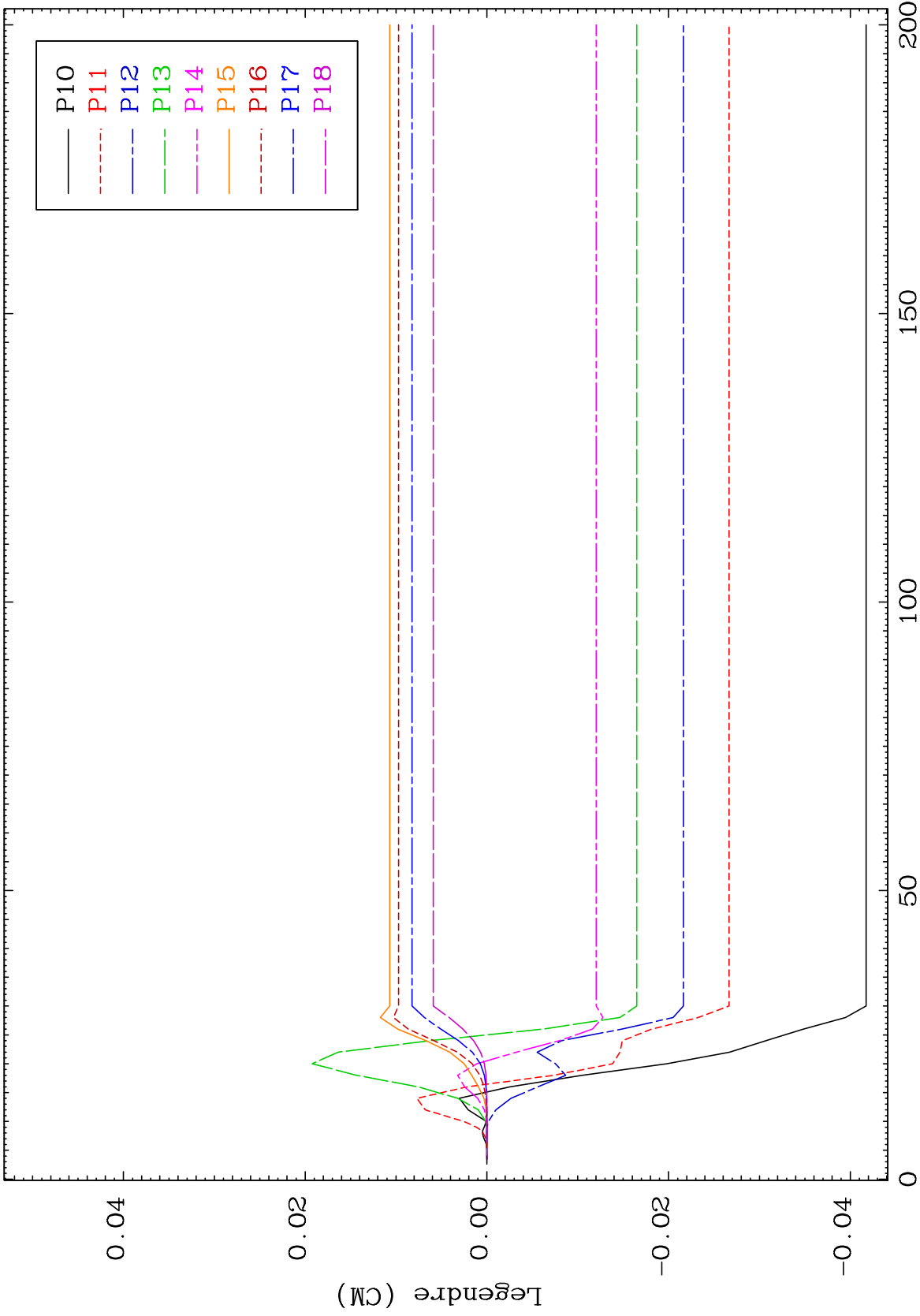
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



61

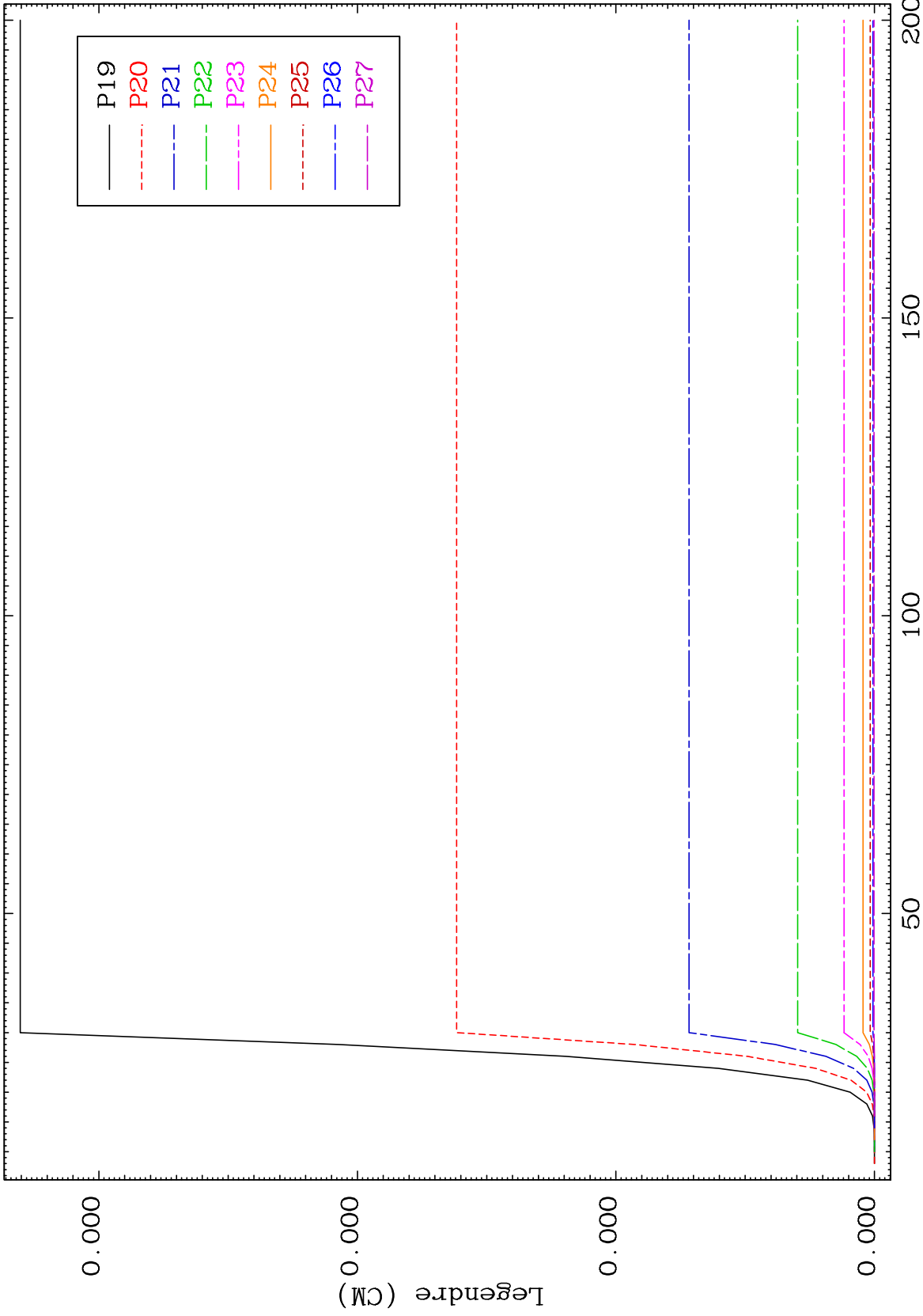
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

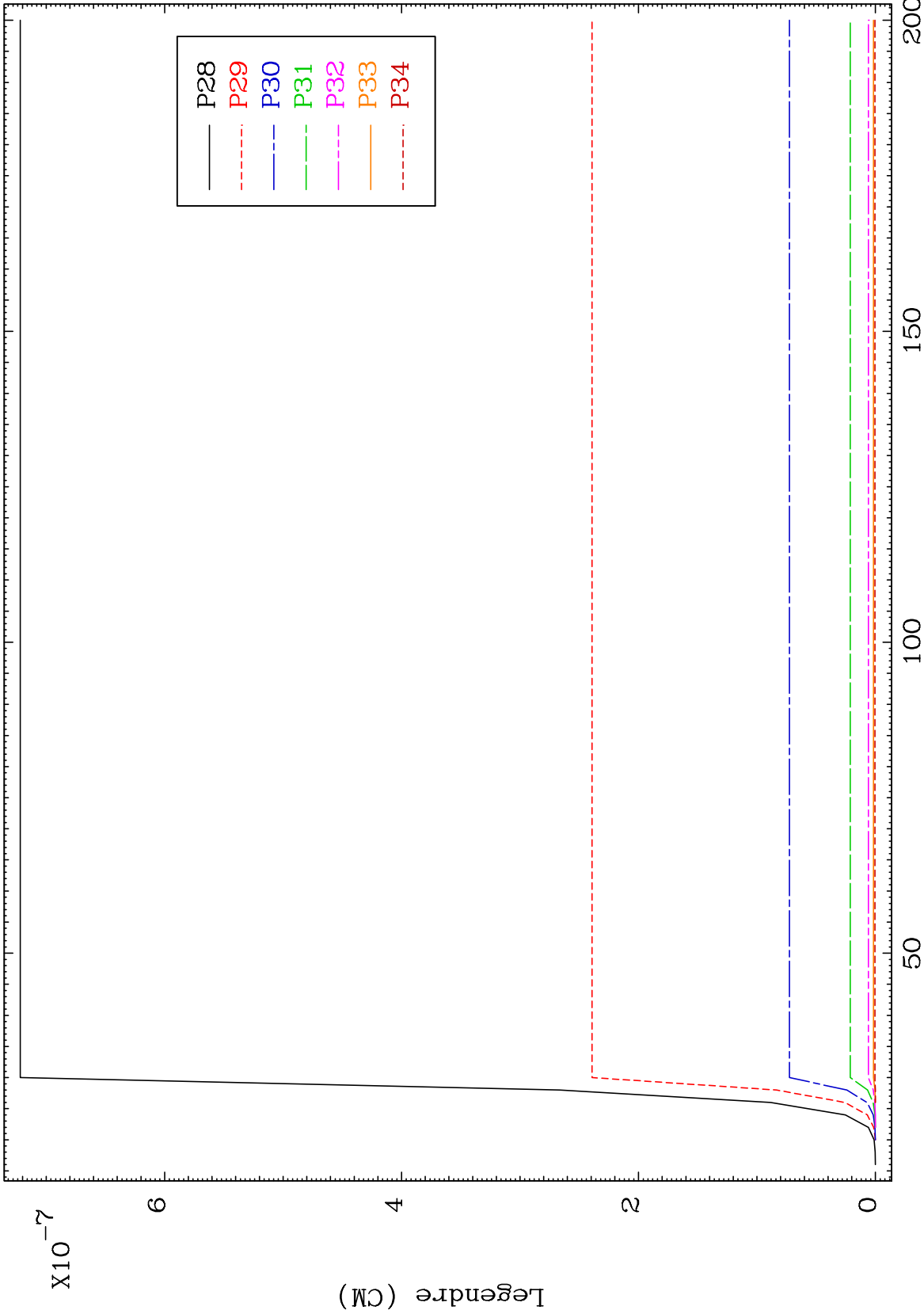
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



63

Incident Energy (MeV)

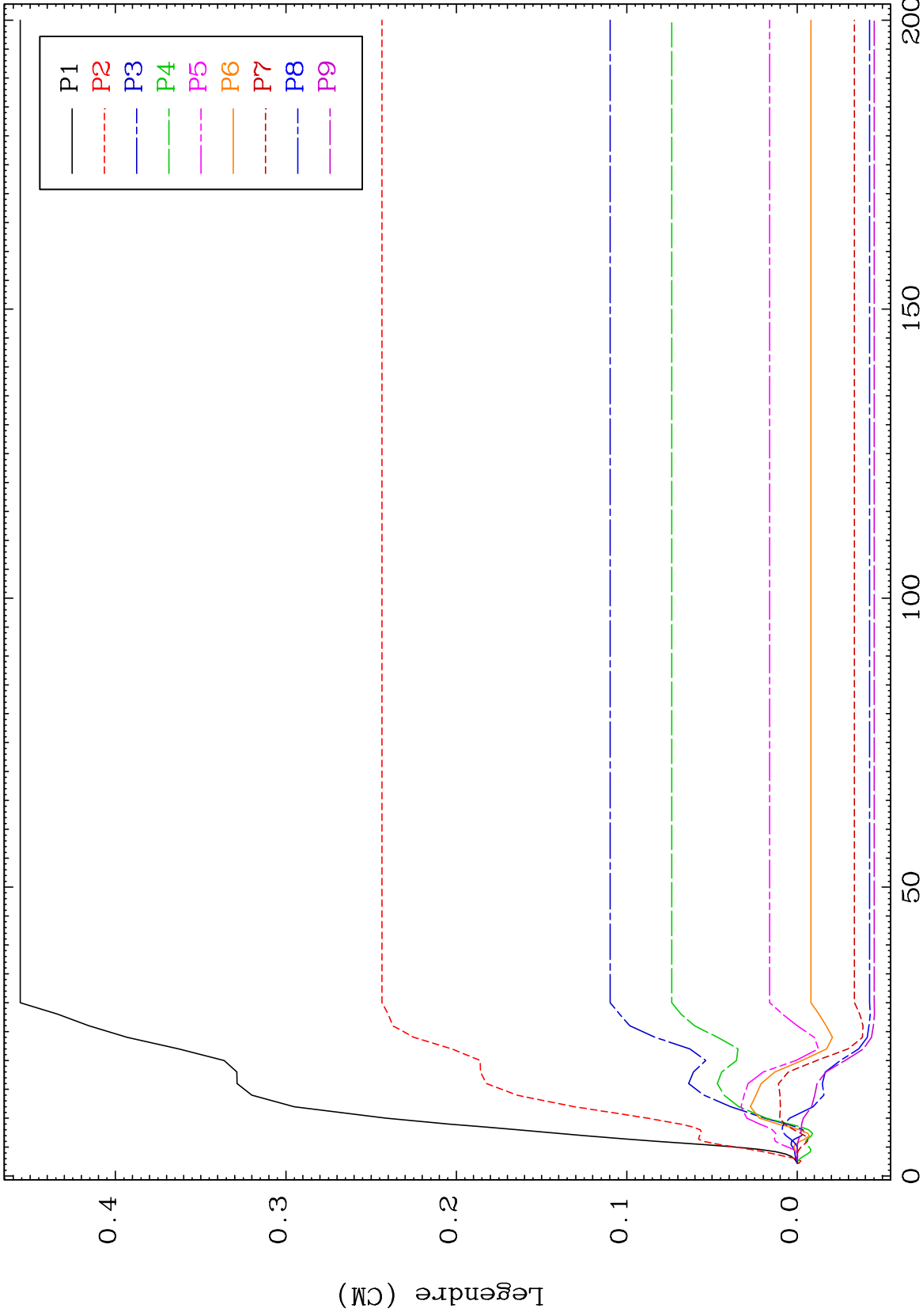
44-Ru-100



MAT 4437

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

44-Ru-100



64

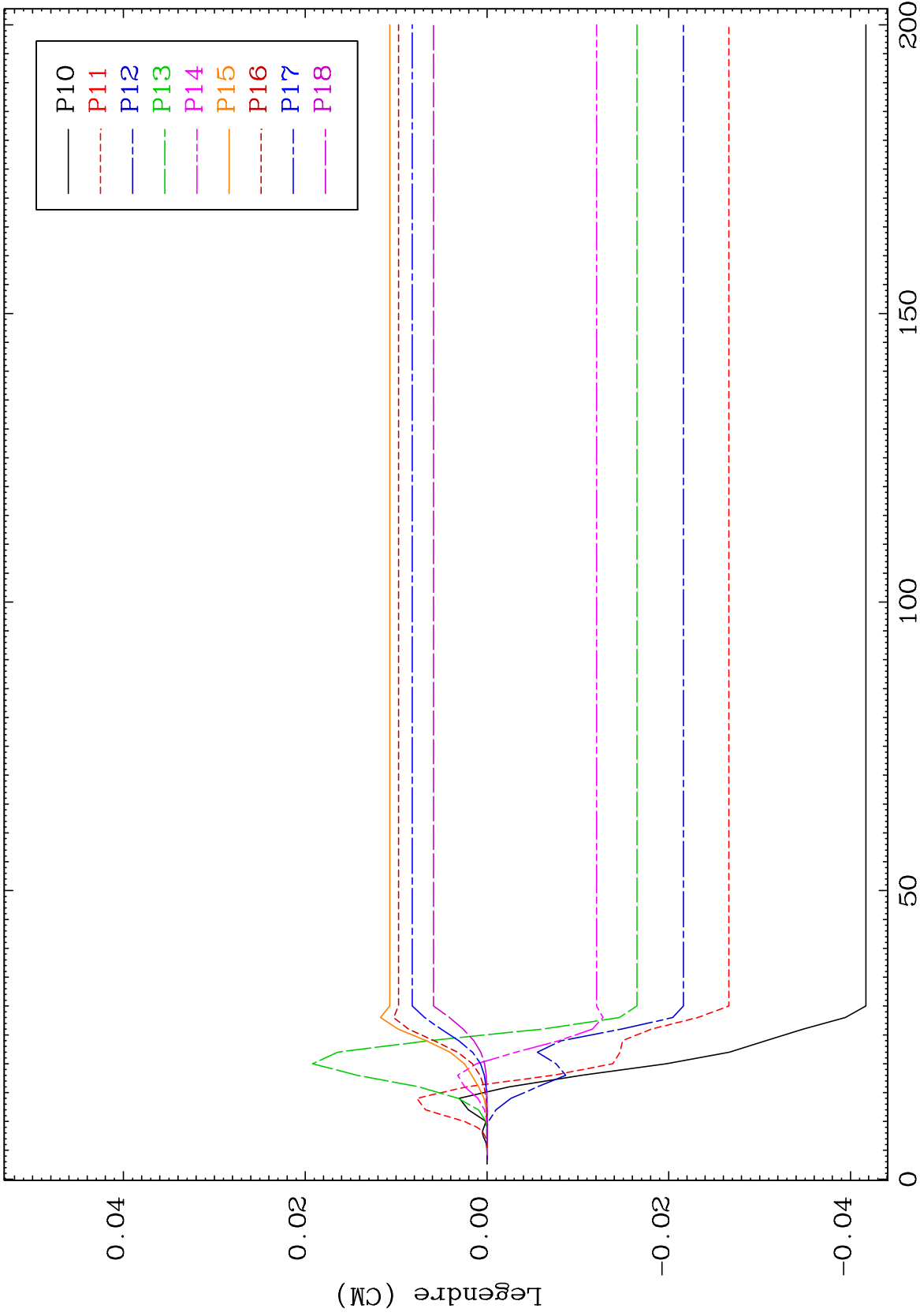
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



65

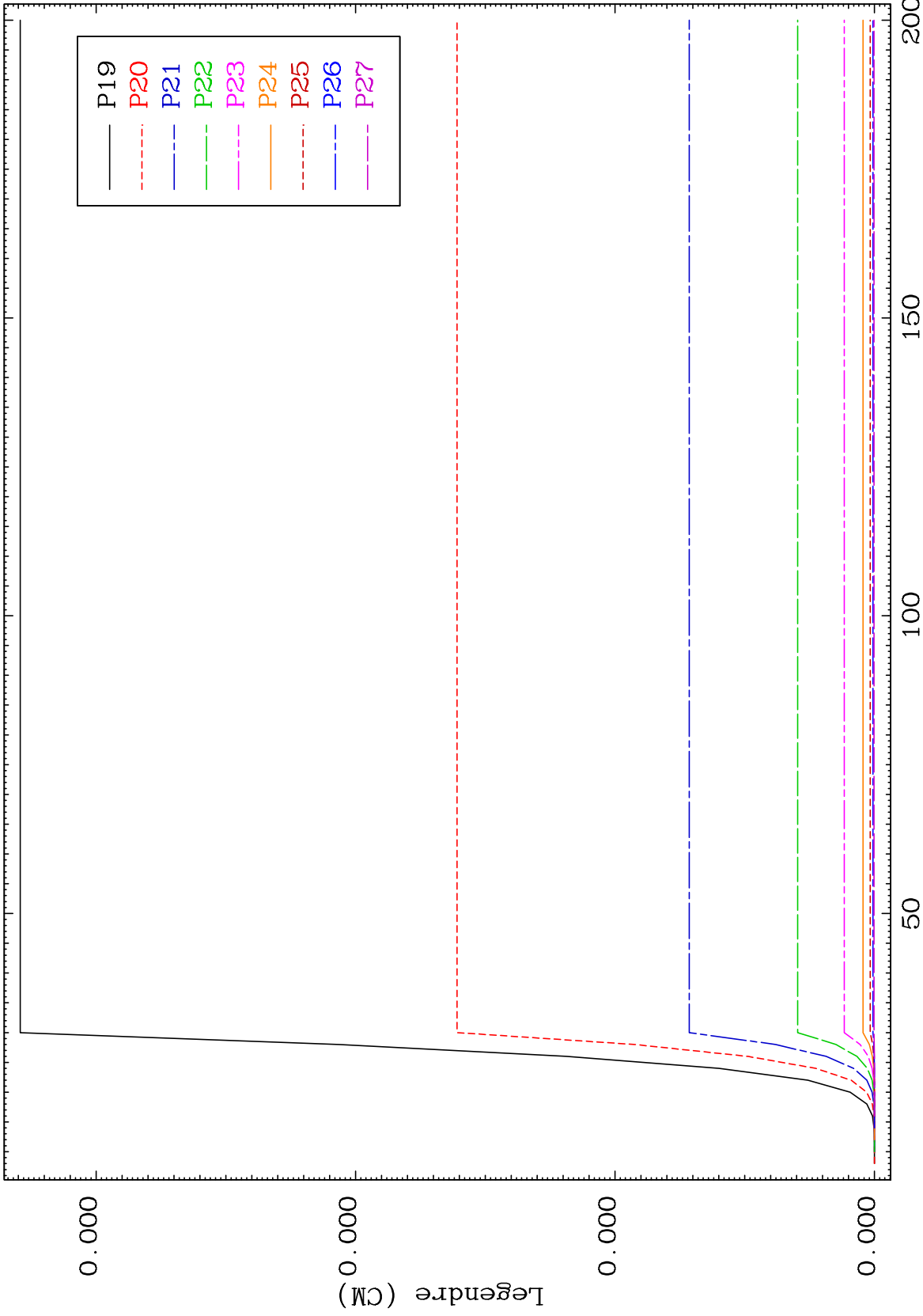
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



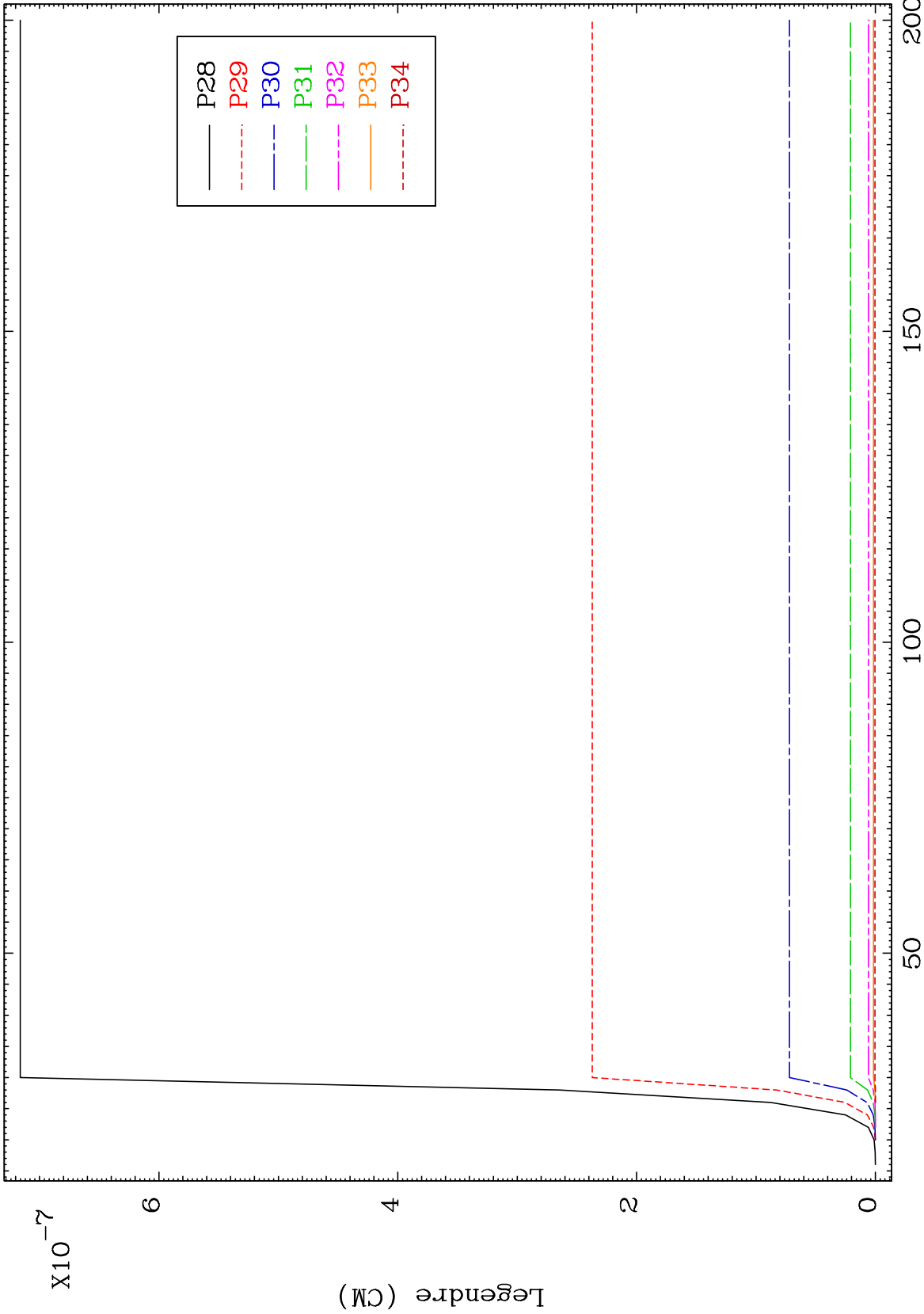
66

44-Ru-100

MAT 4437

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

44-Ru-100



67

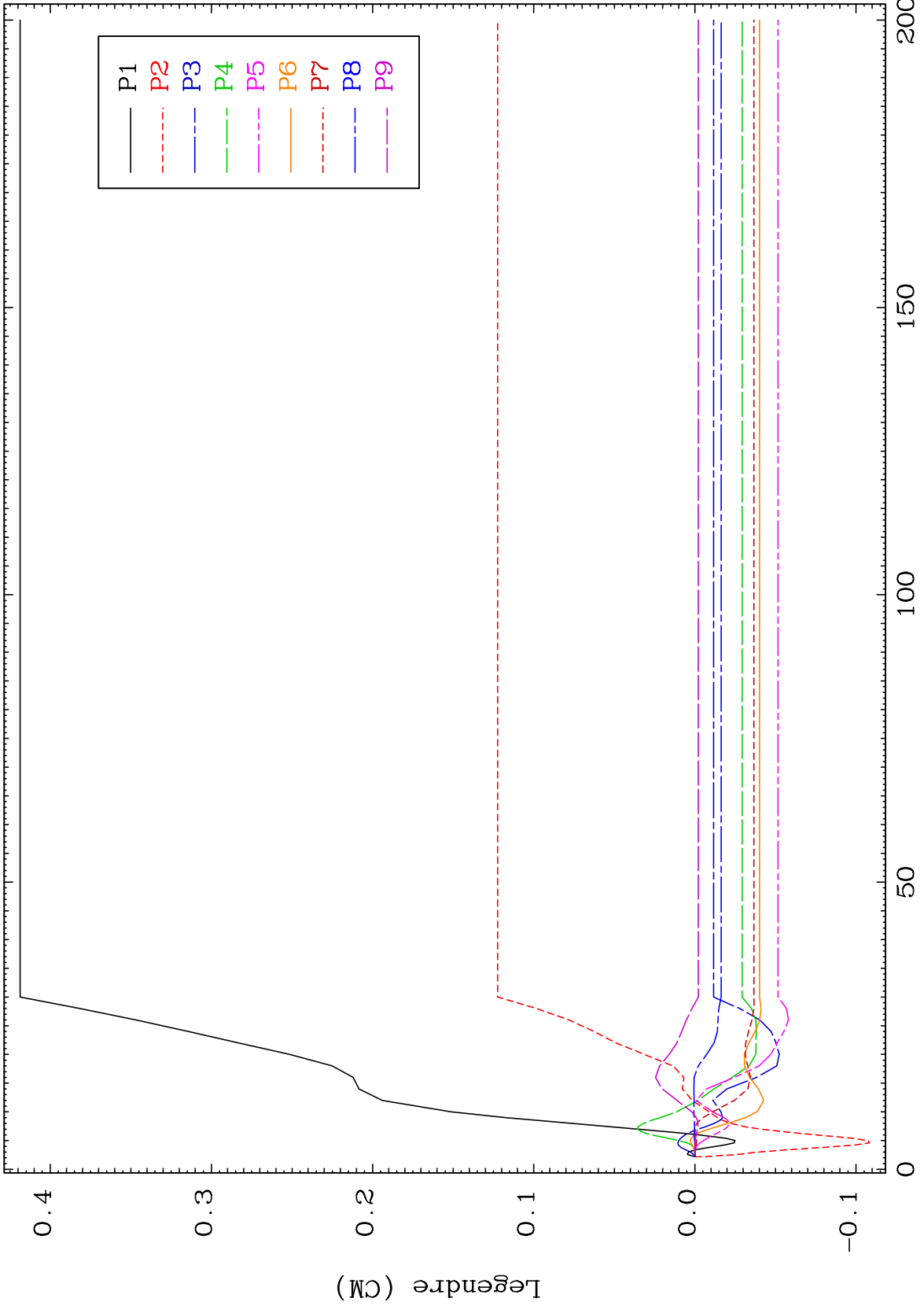
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



68

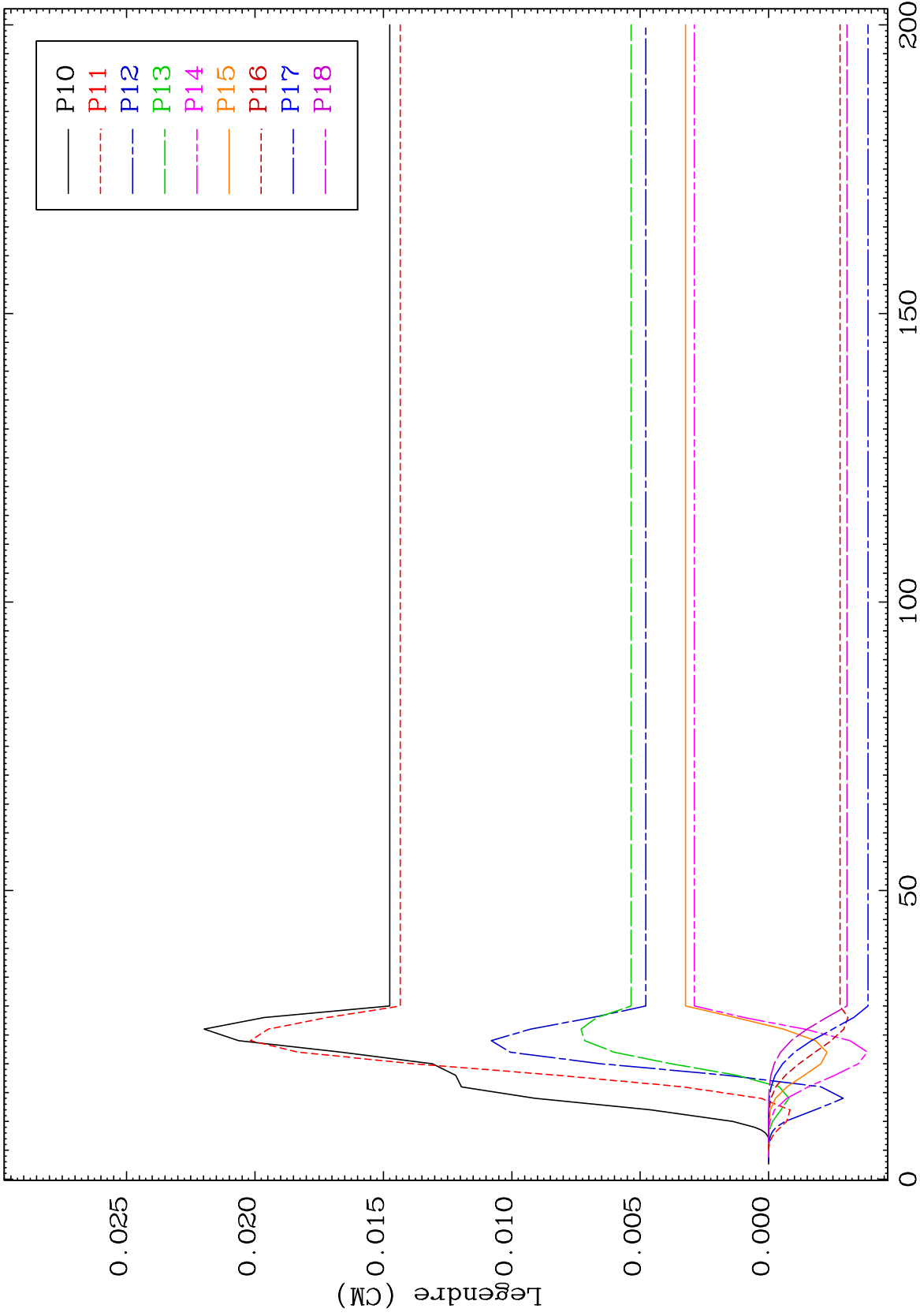
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



69

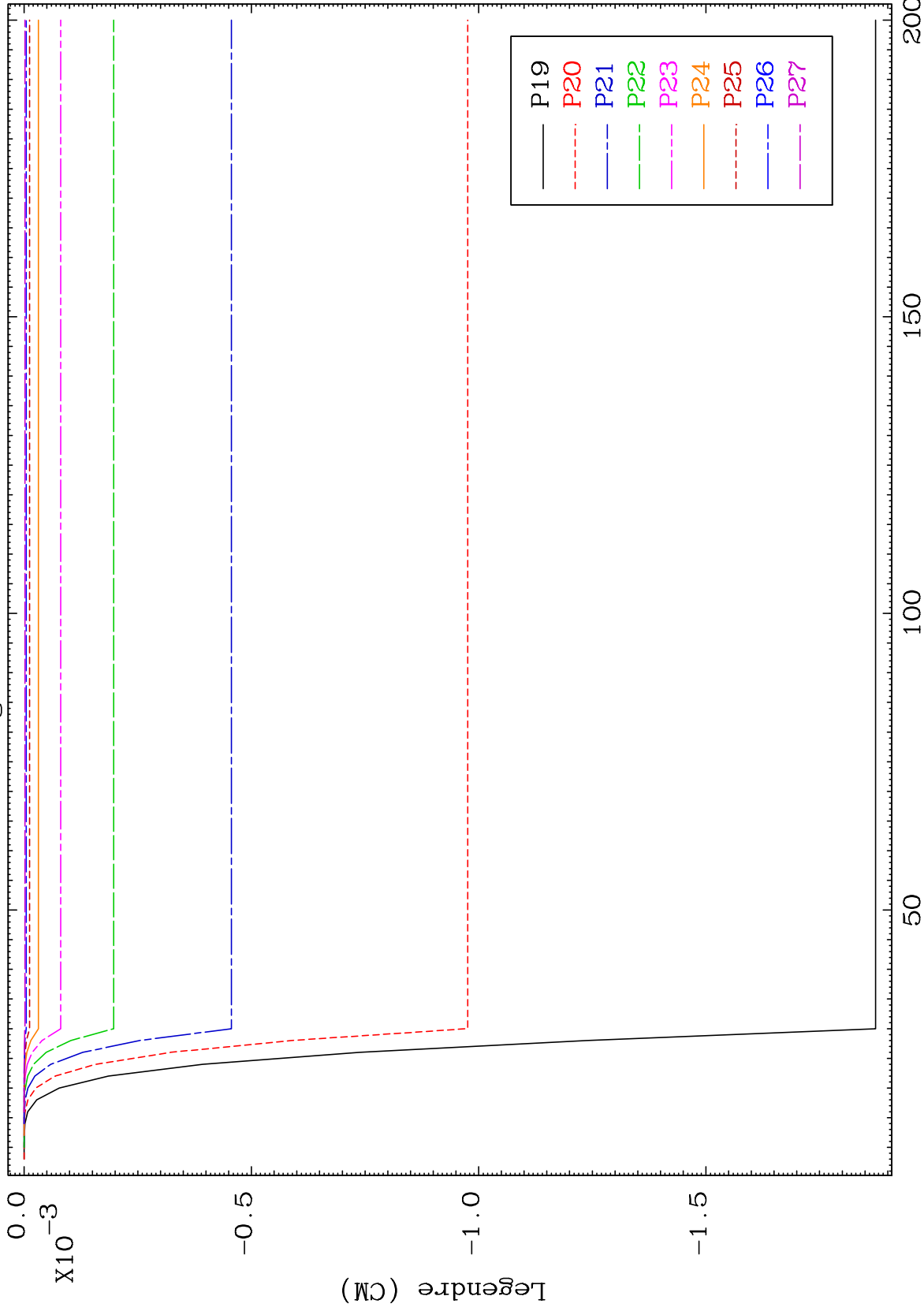
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

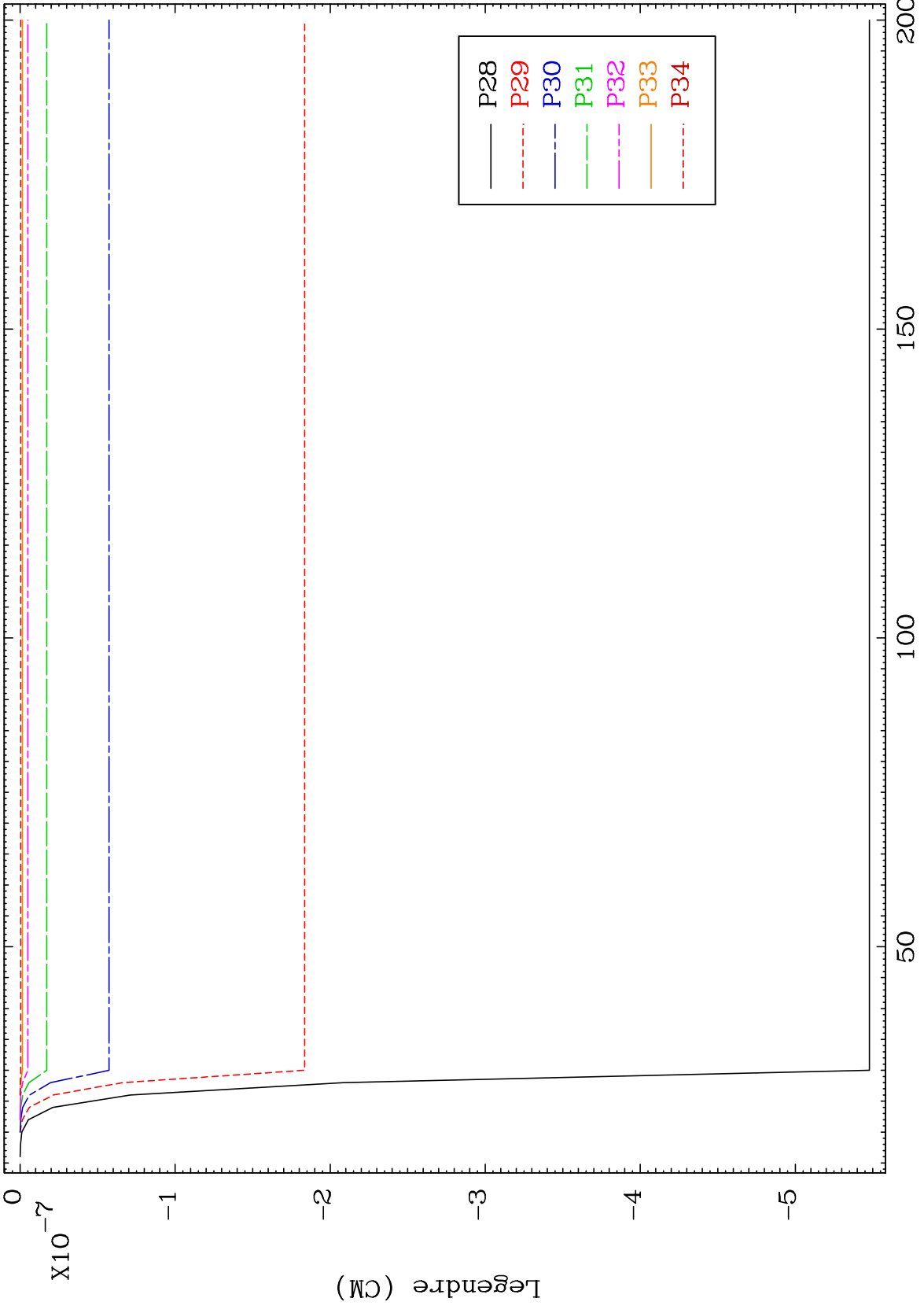


44-Ru-100

Incident Energy (MeV)

70

MAT 4437 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-100



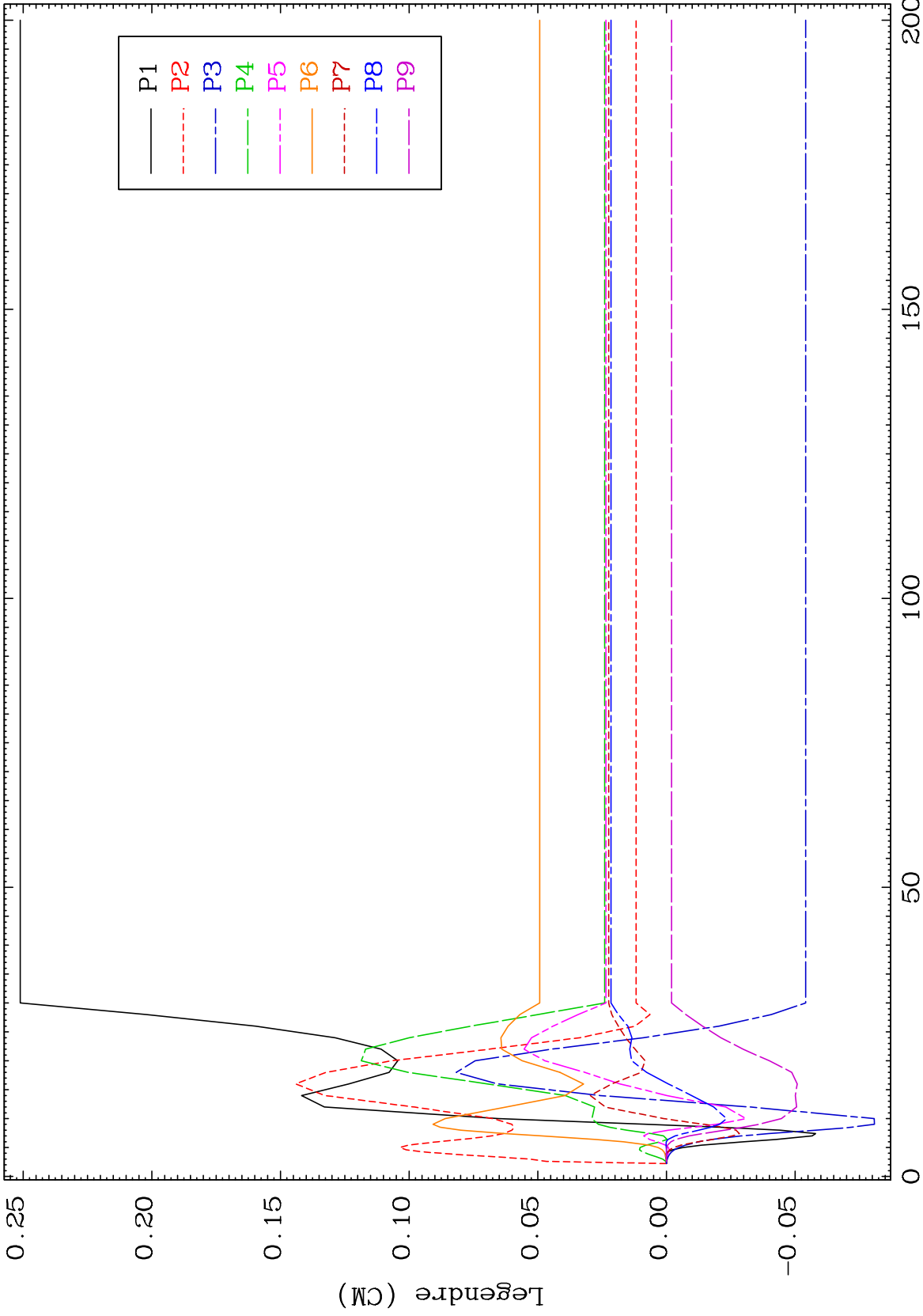
71 44-Ru-100



MAT 4437

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

44-Ru-100



72

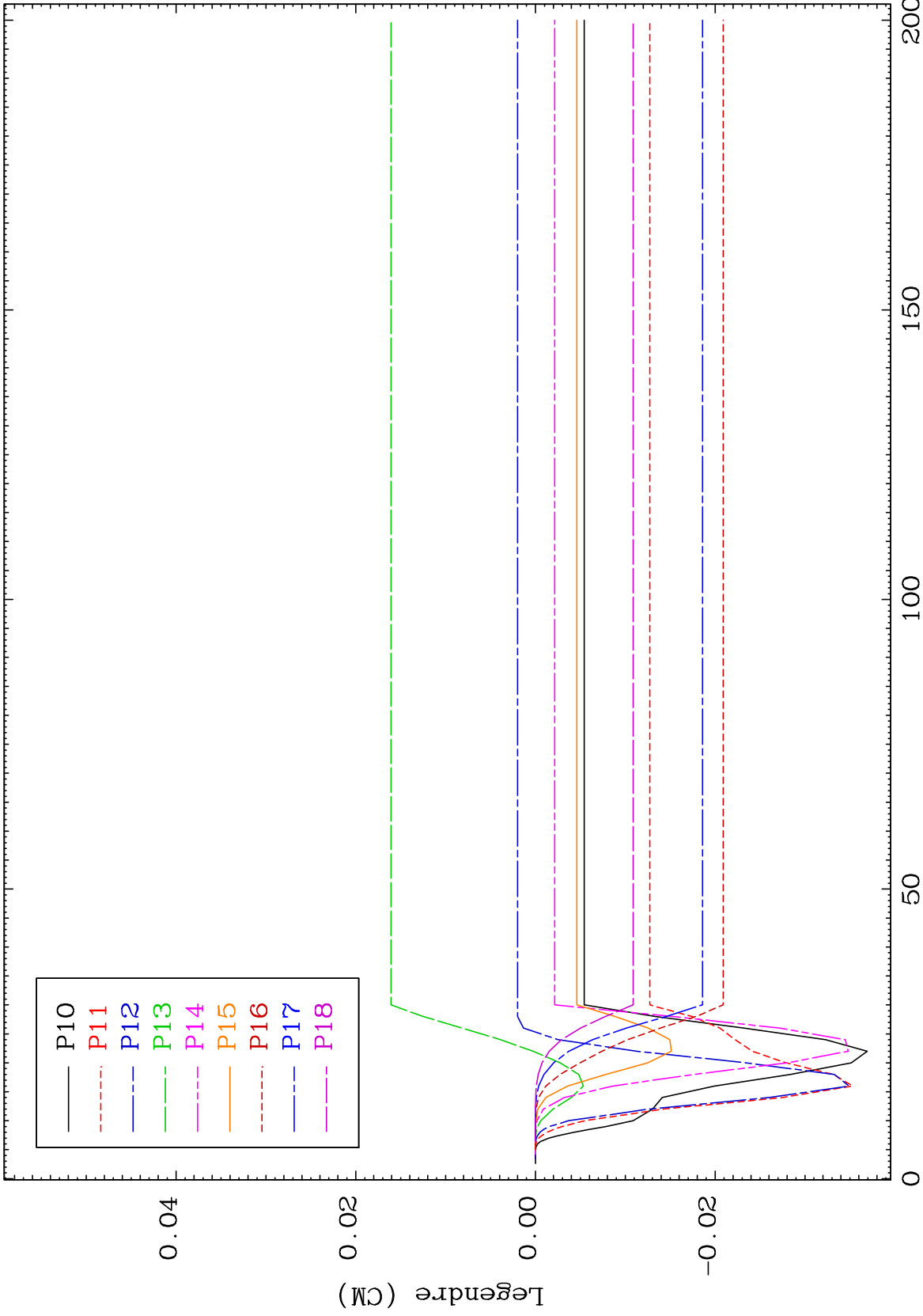
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

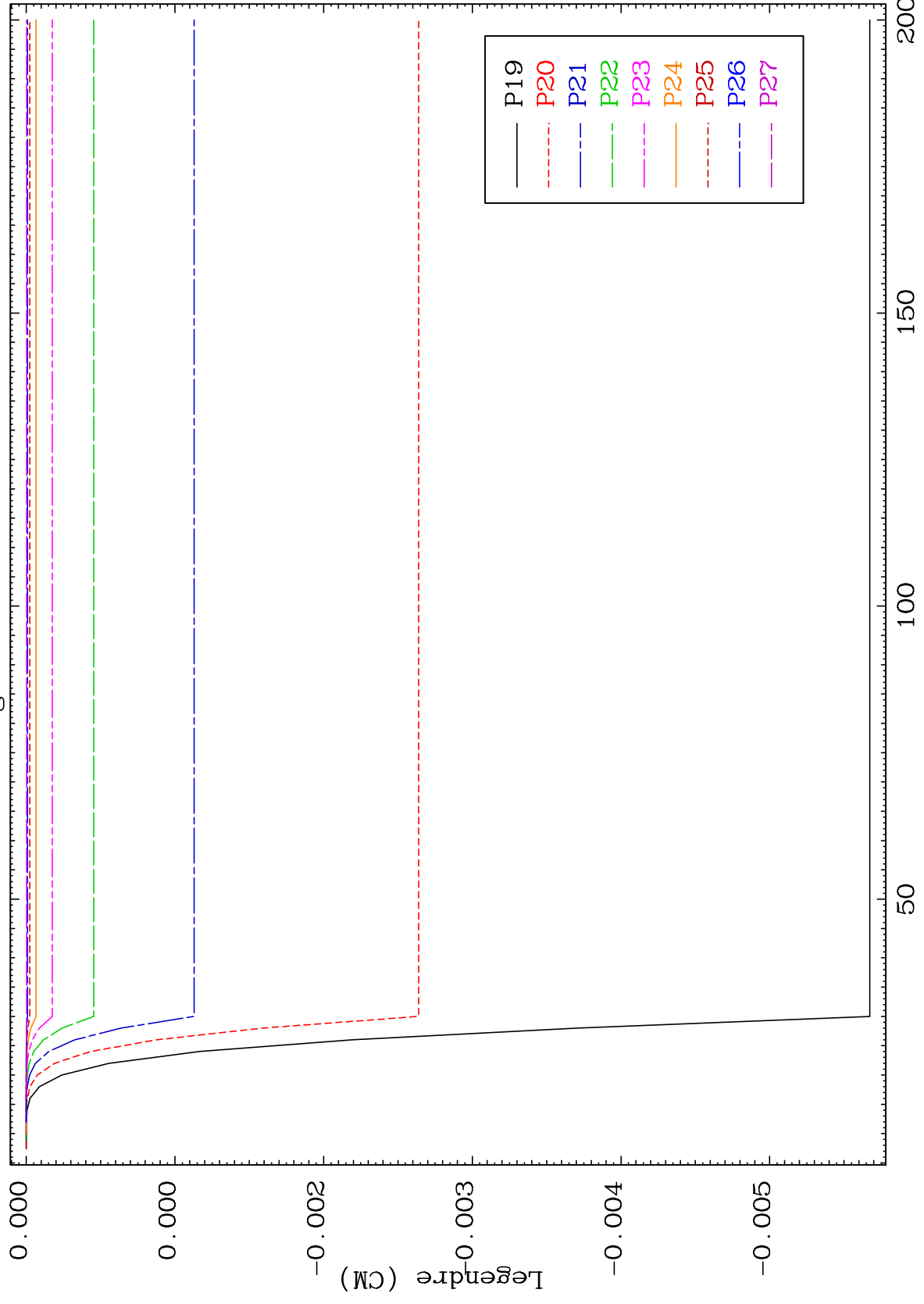


73

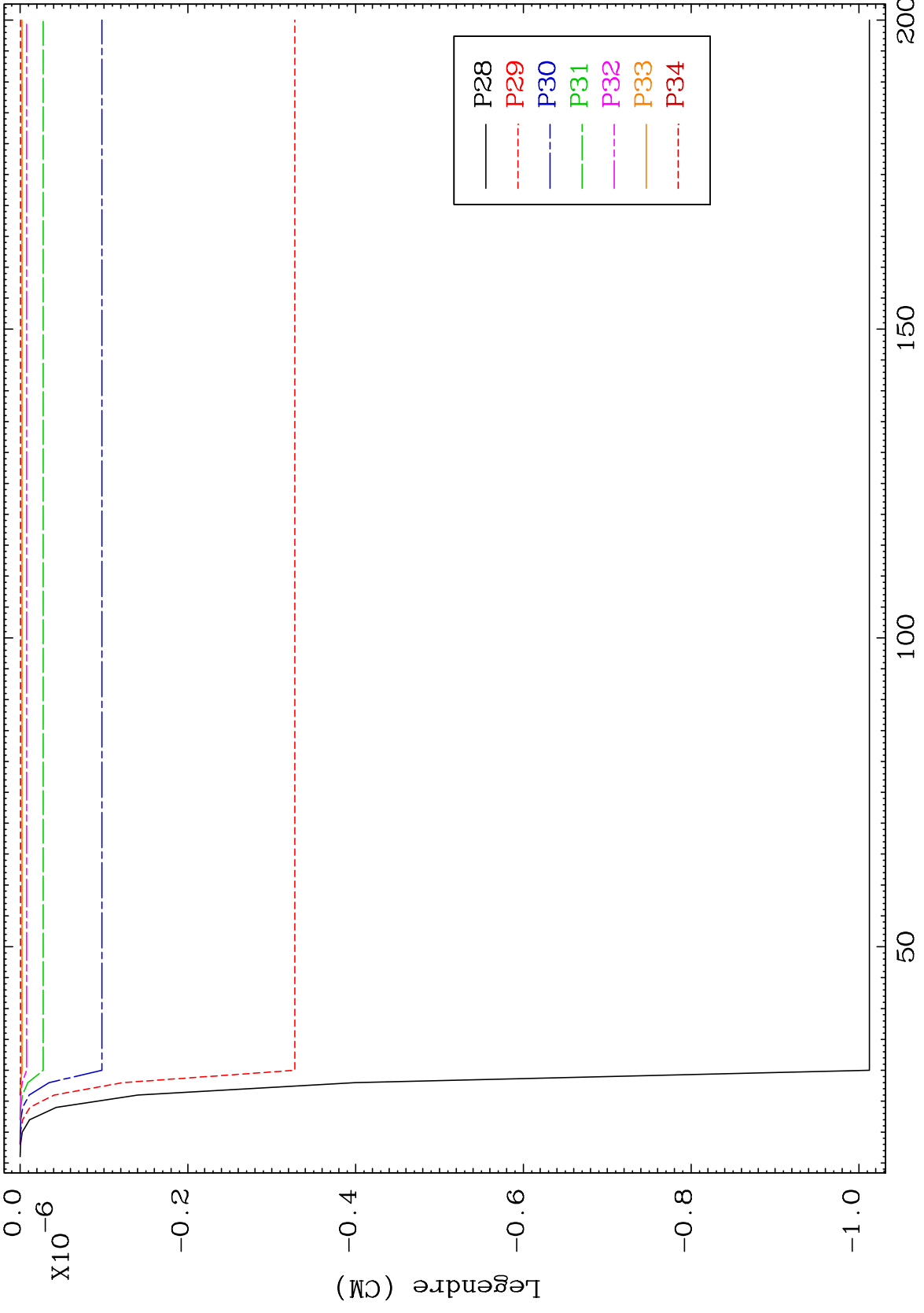
Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 65 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437 MT= 65 (n,n') Level Legendre Coefficients 44-Ru-100

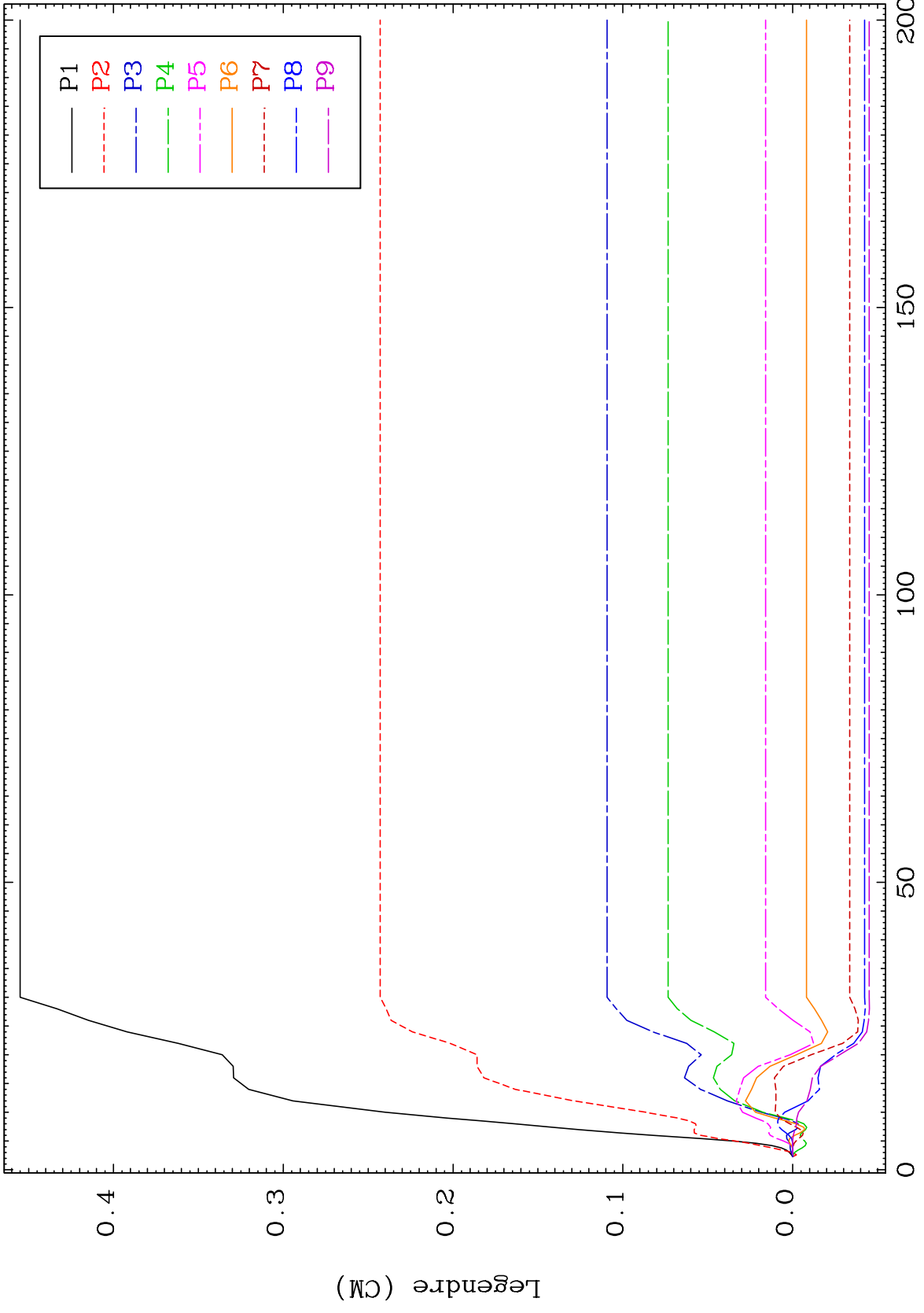


75 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



76

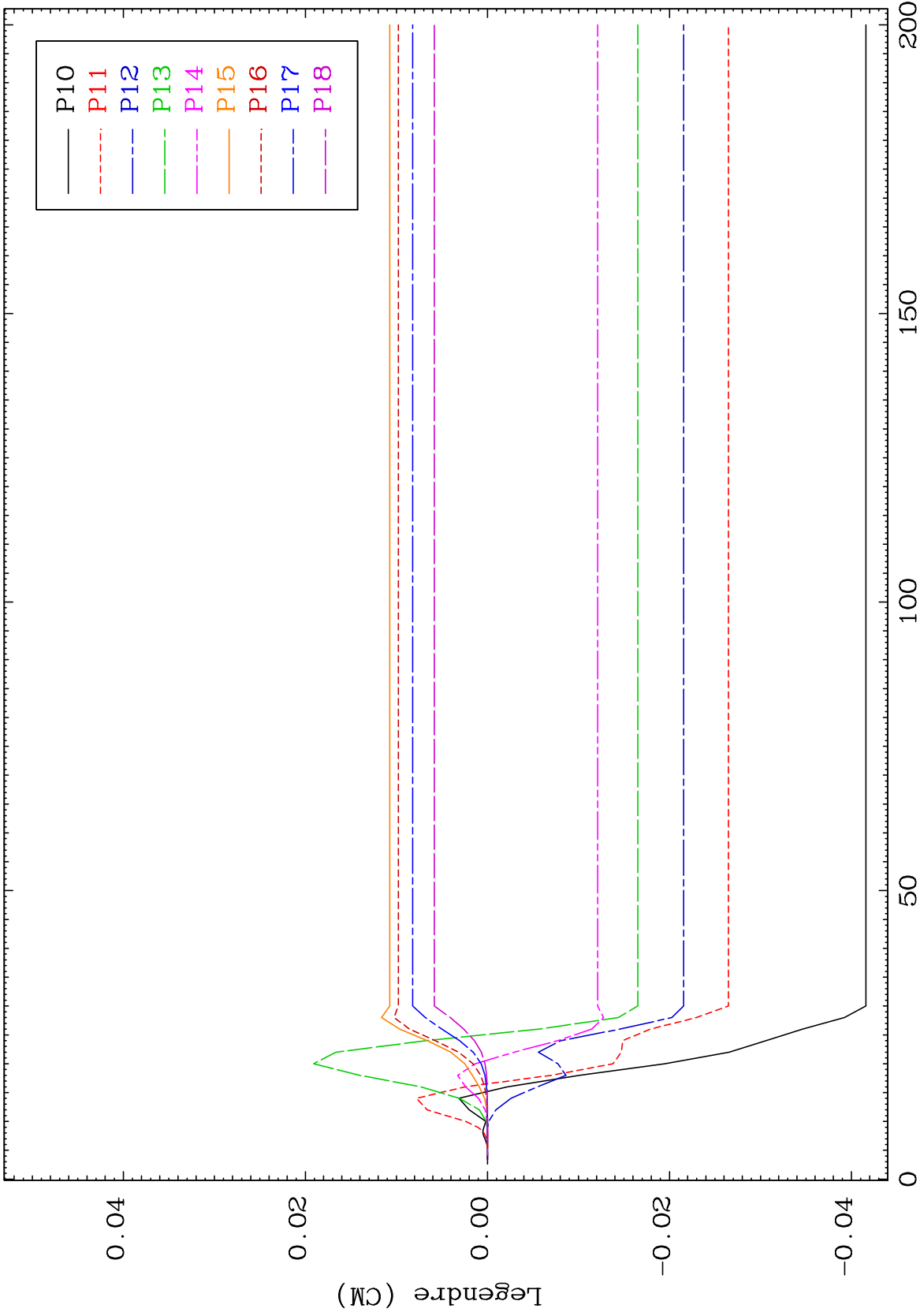
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

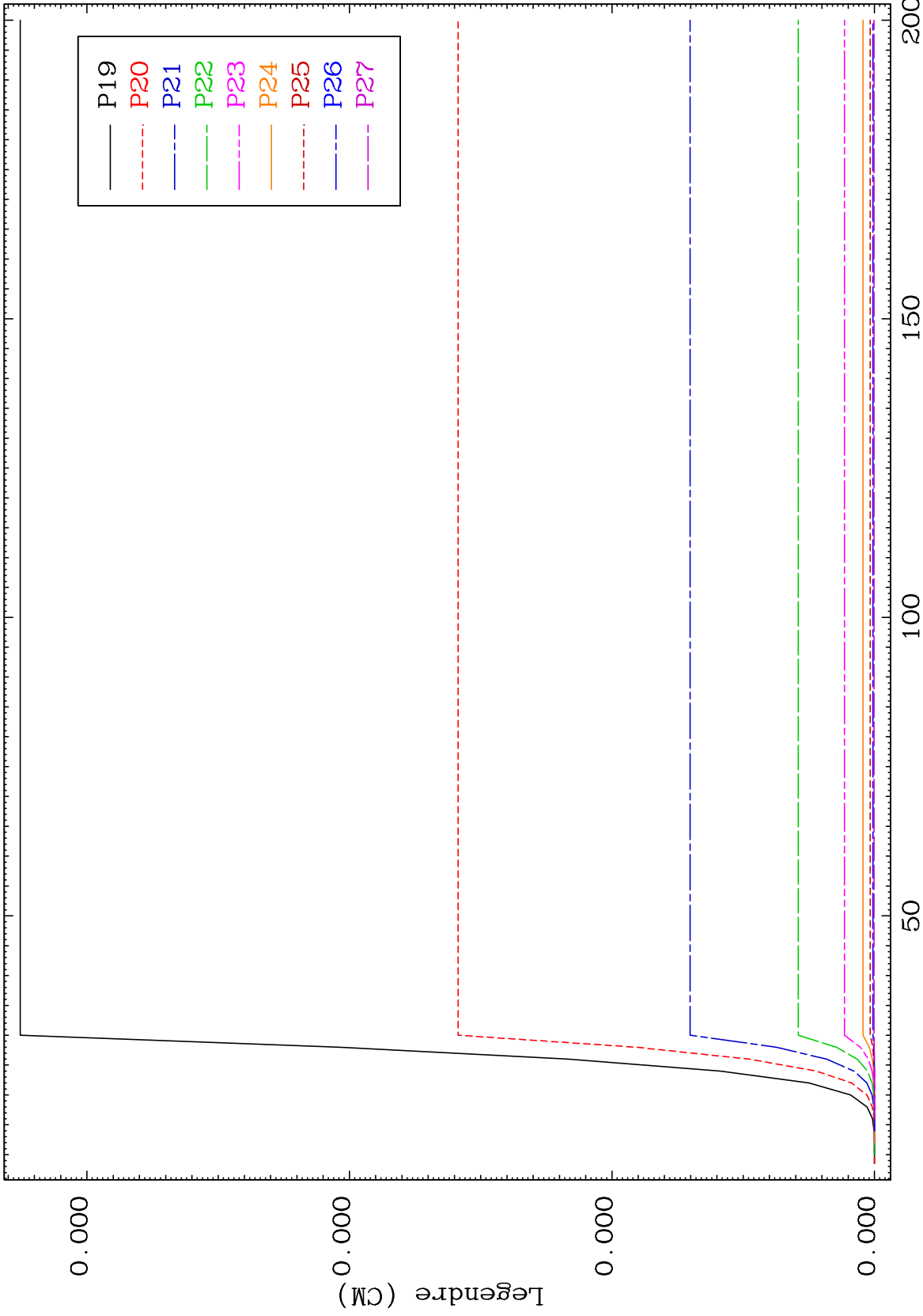
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

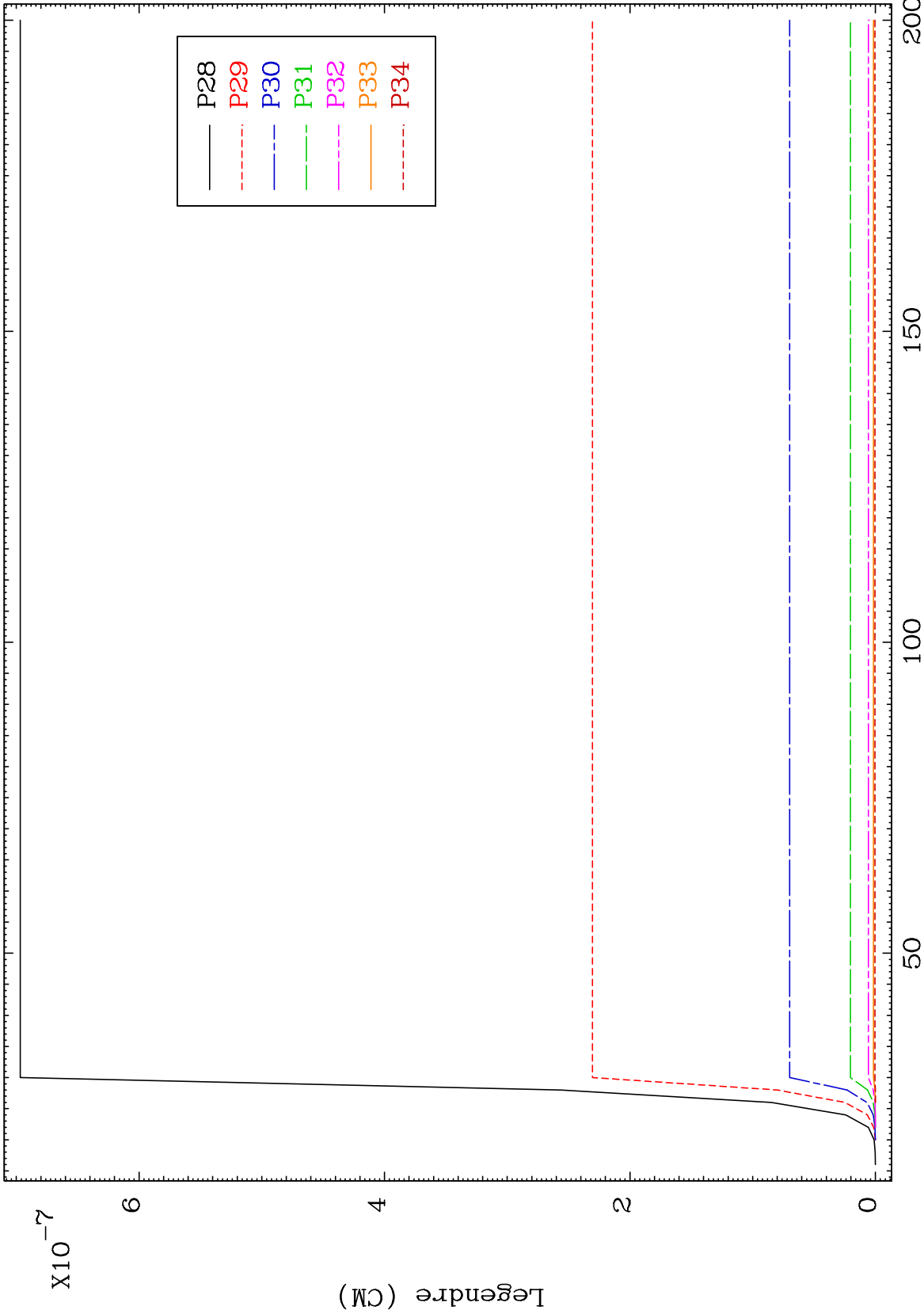
44-Ru-100



MAT 4437

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

44-Ru-100



79

Incident Energy (MeV)

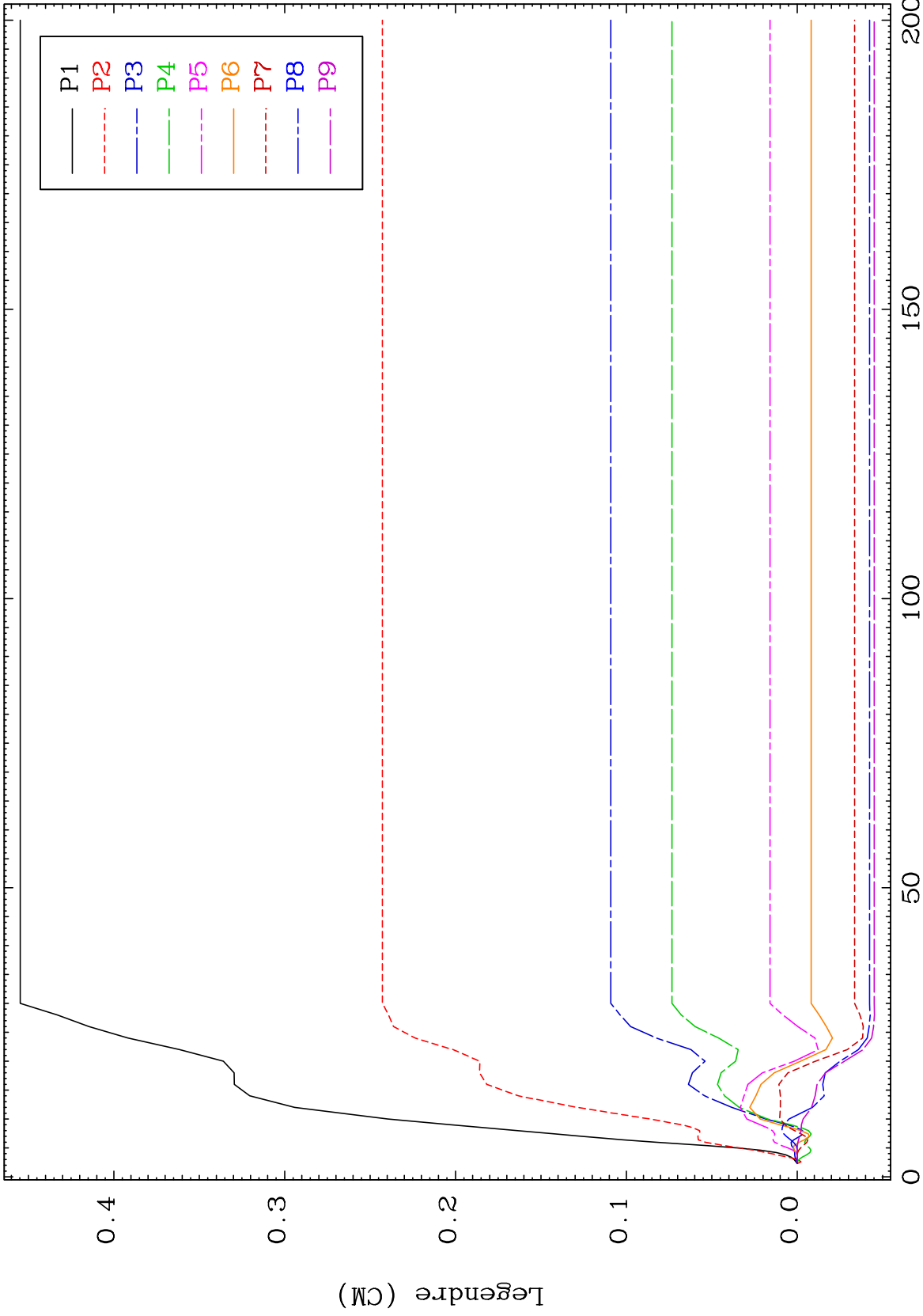
44-Ru-100



MAT 4437

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

44-Ru-100



80

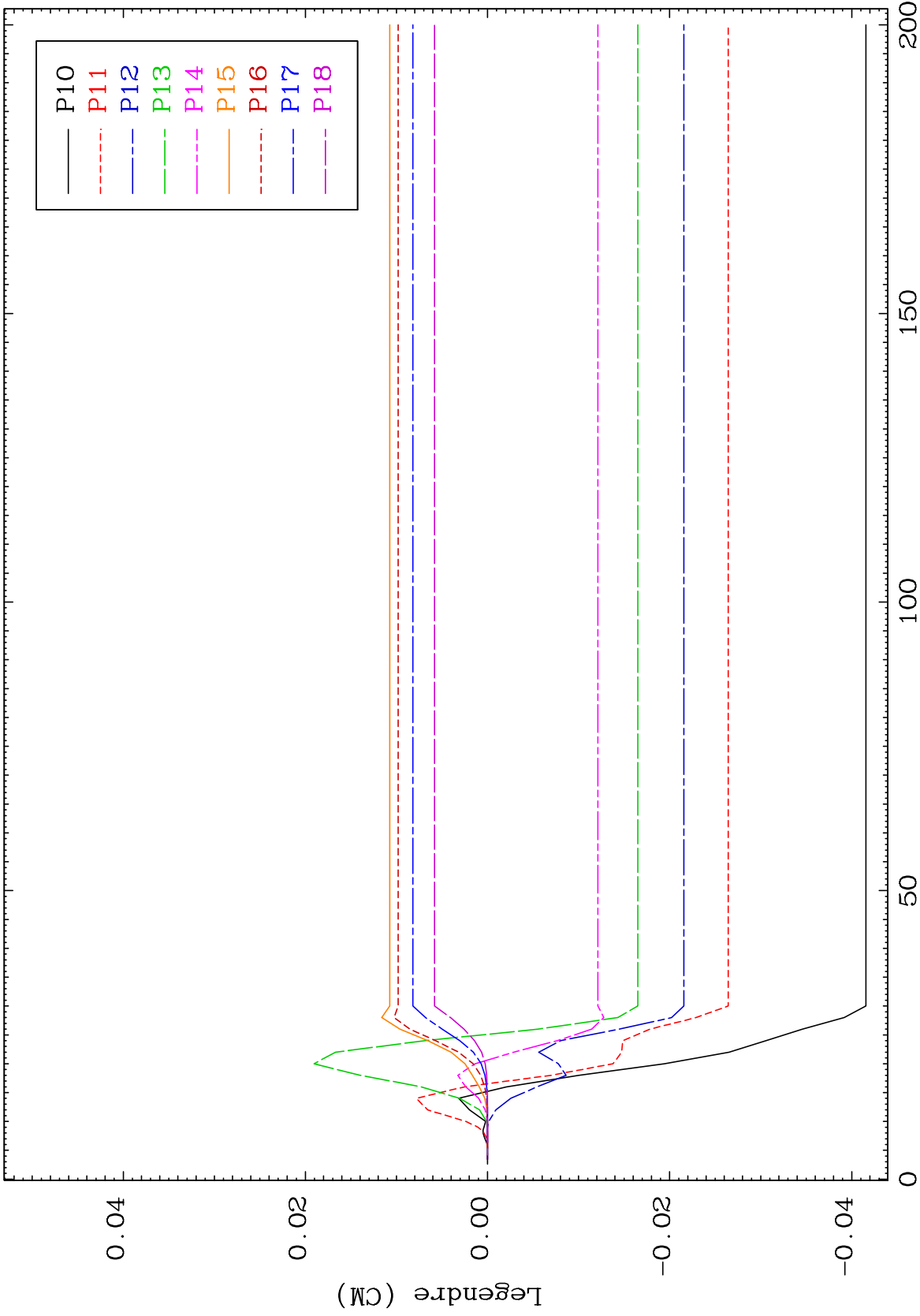
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



81

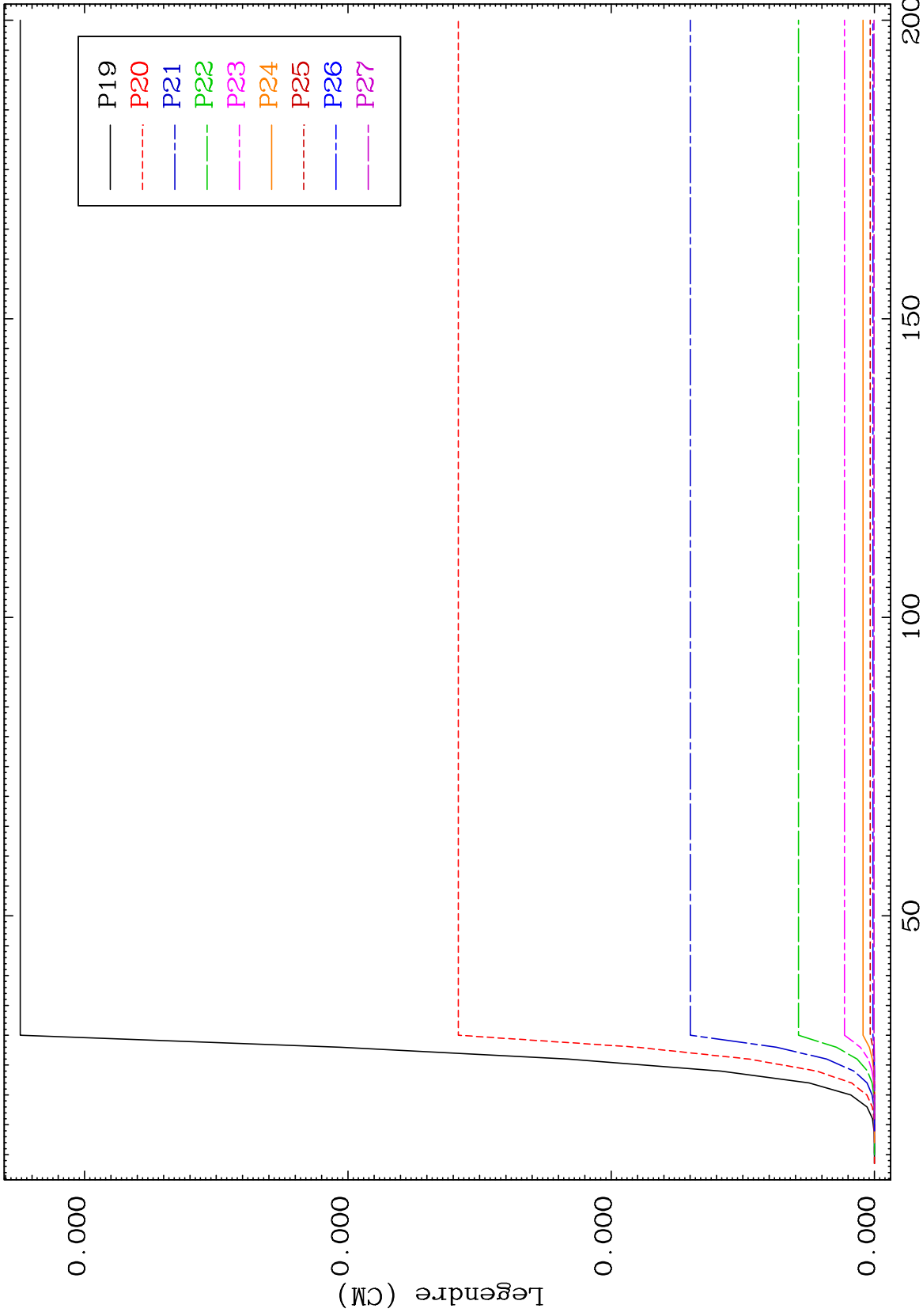
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



82

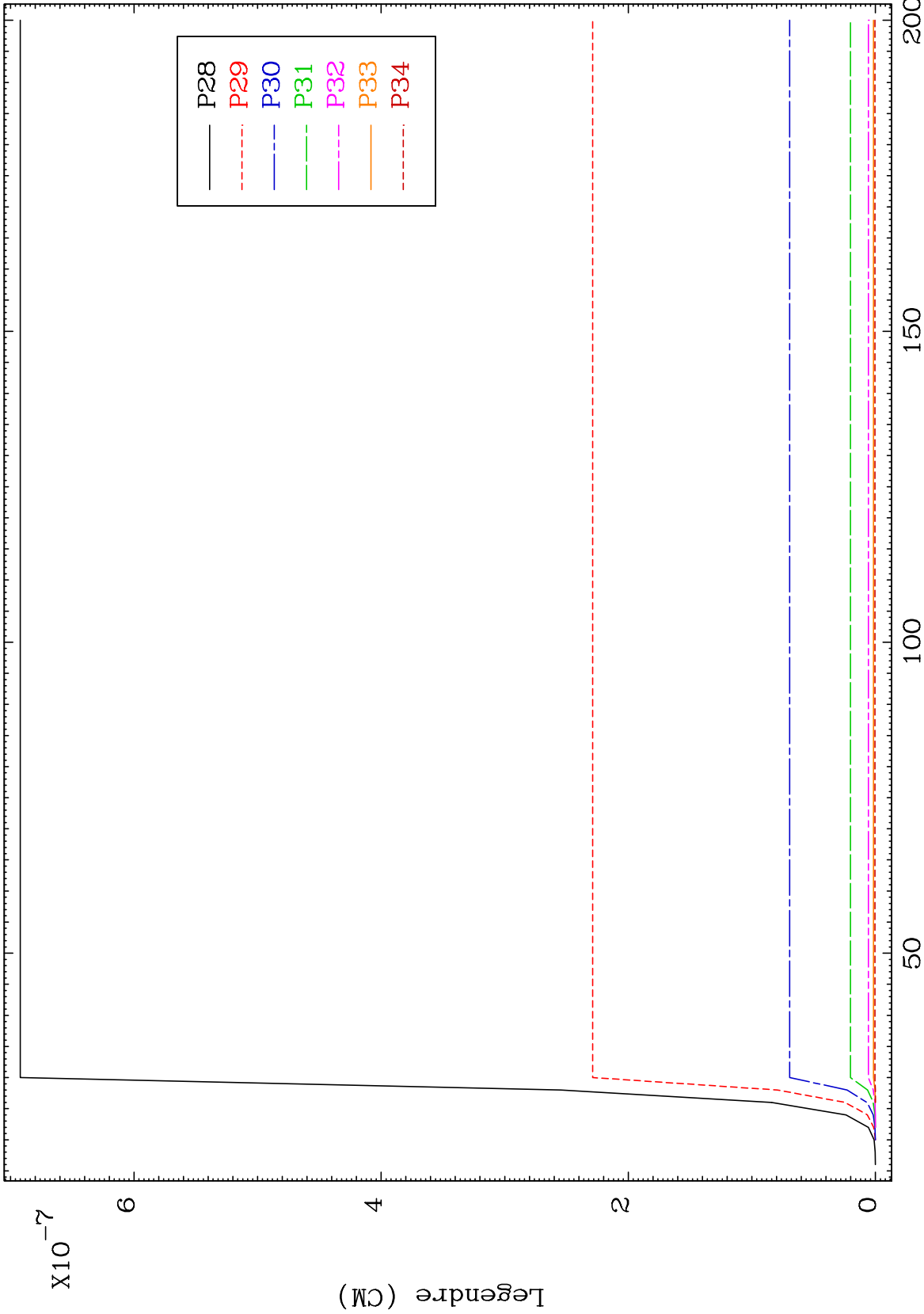
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

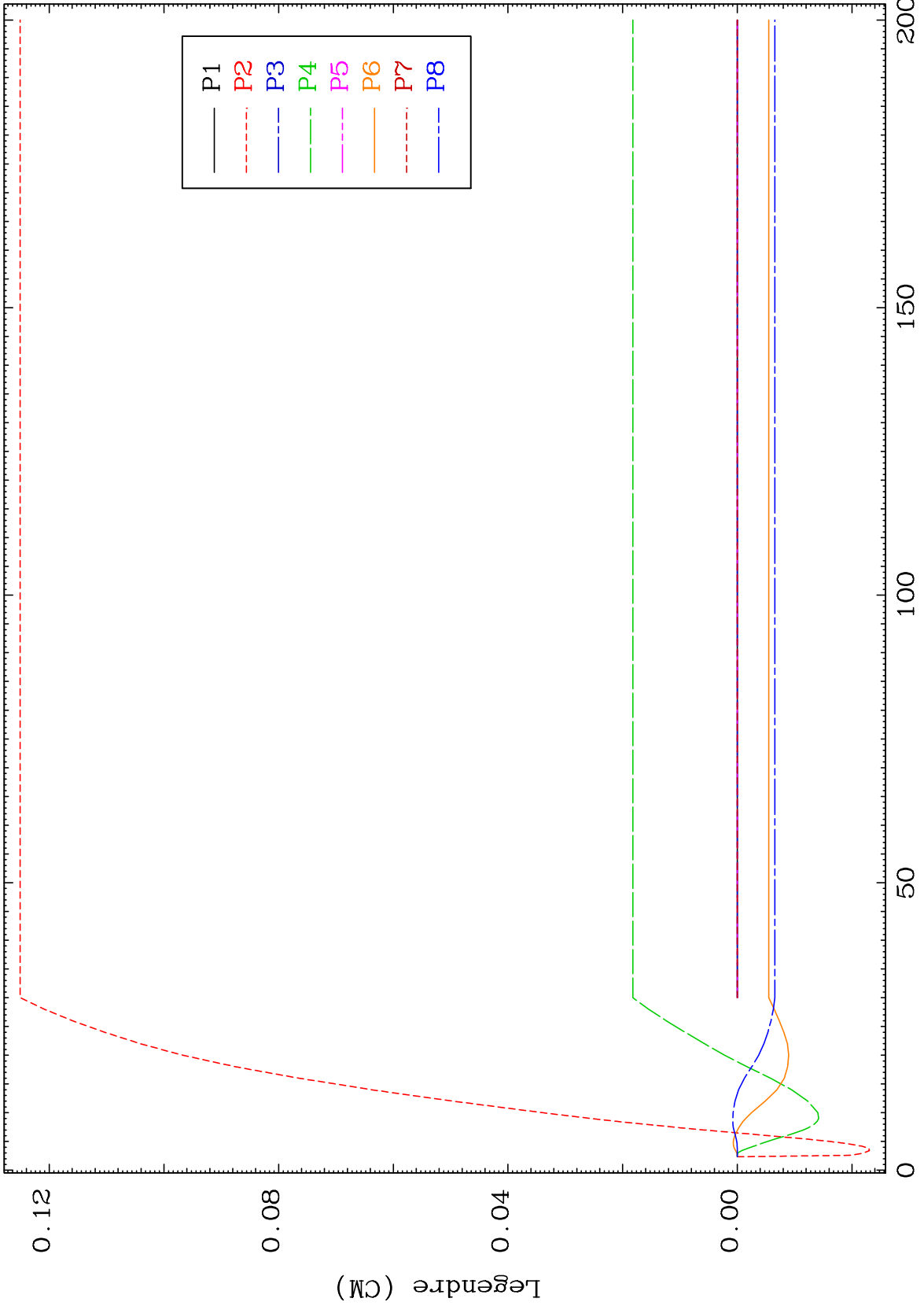


83

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-100

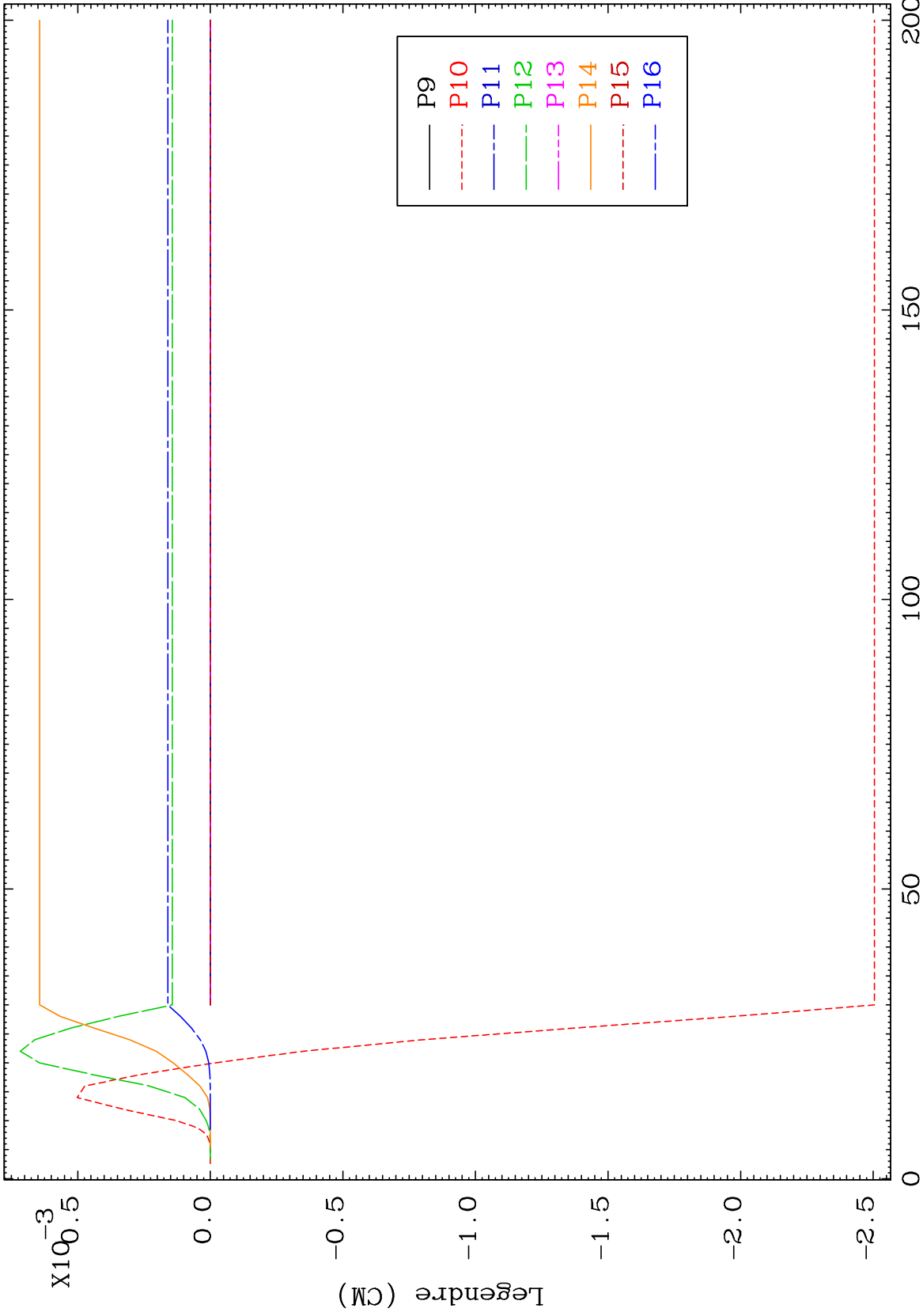


84 44-Ru-100

MAT 4437

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

44-Ru-100



85

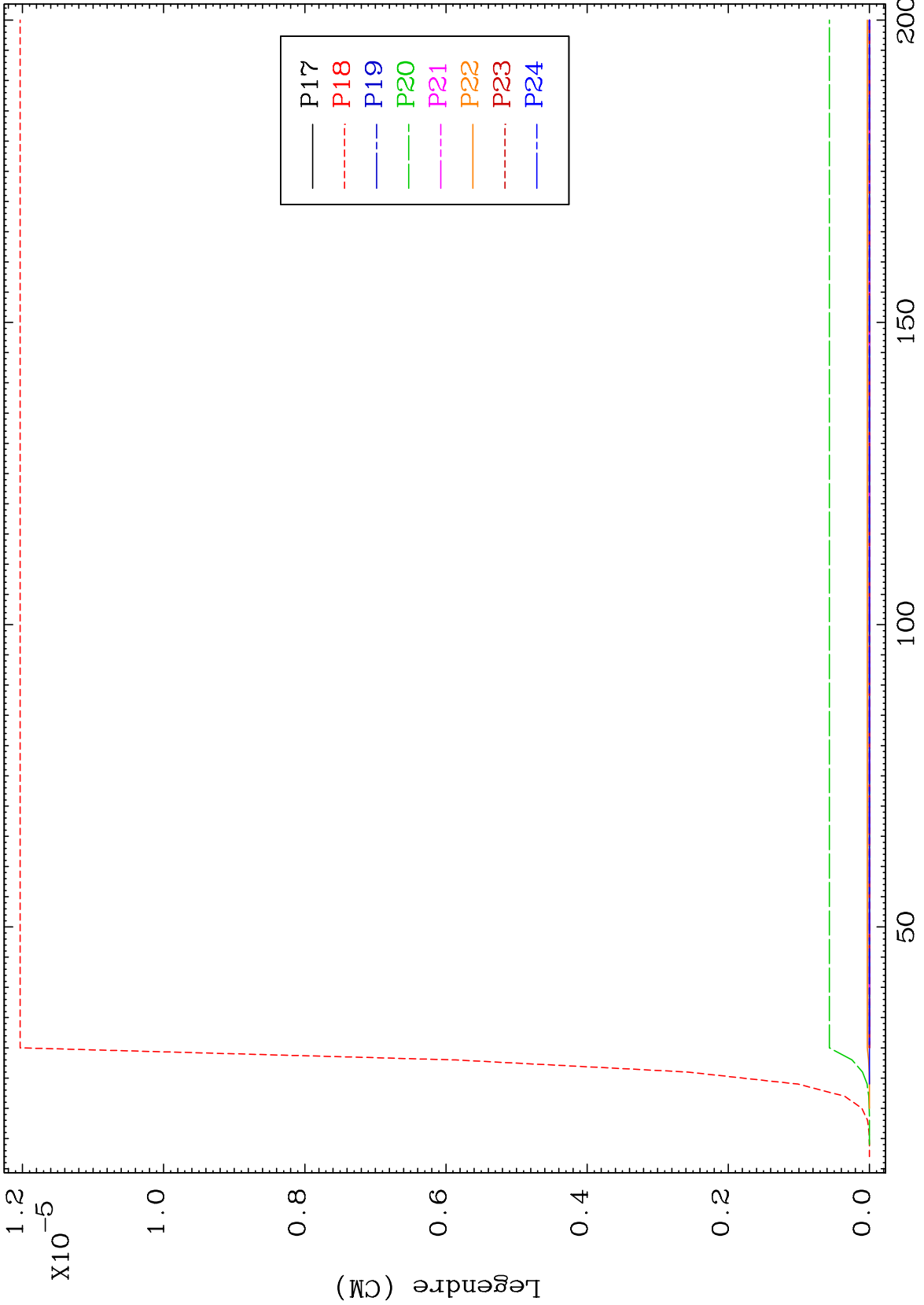
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



86

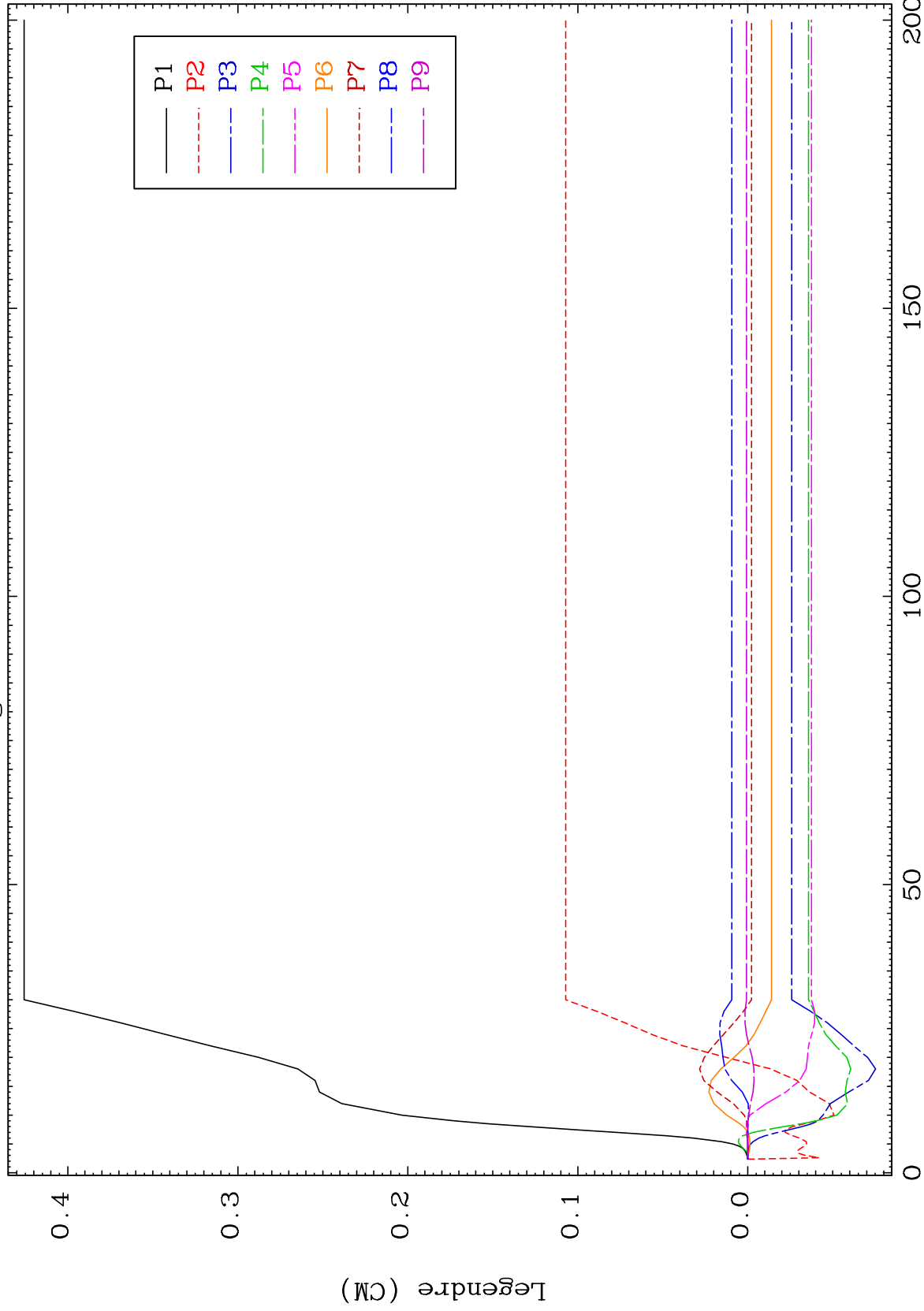
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



87

Incident Energy (MeV)

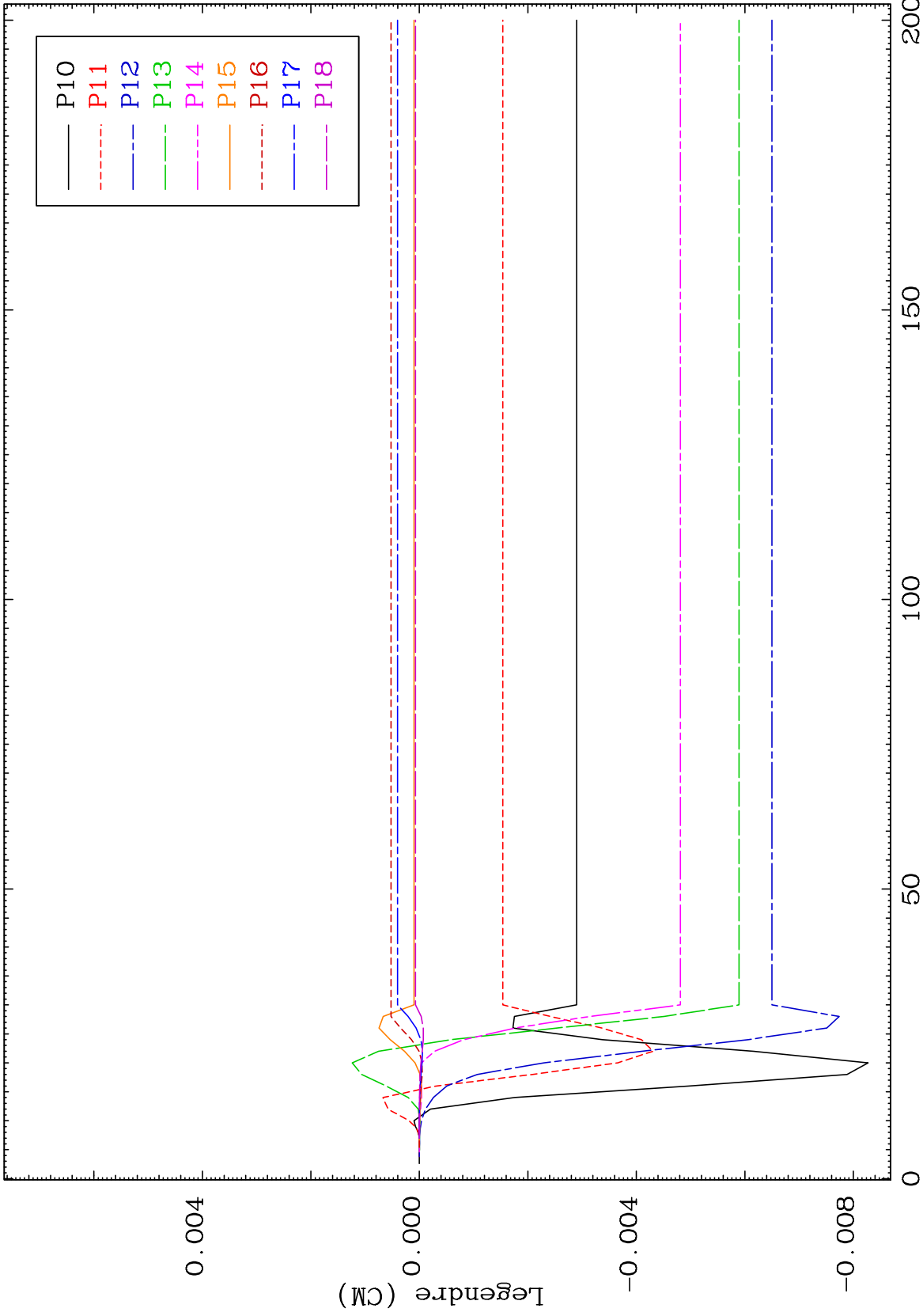
44-Ru-100



MAT 4437

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

44-Ru-100



88

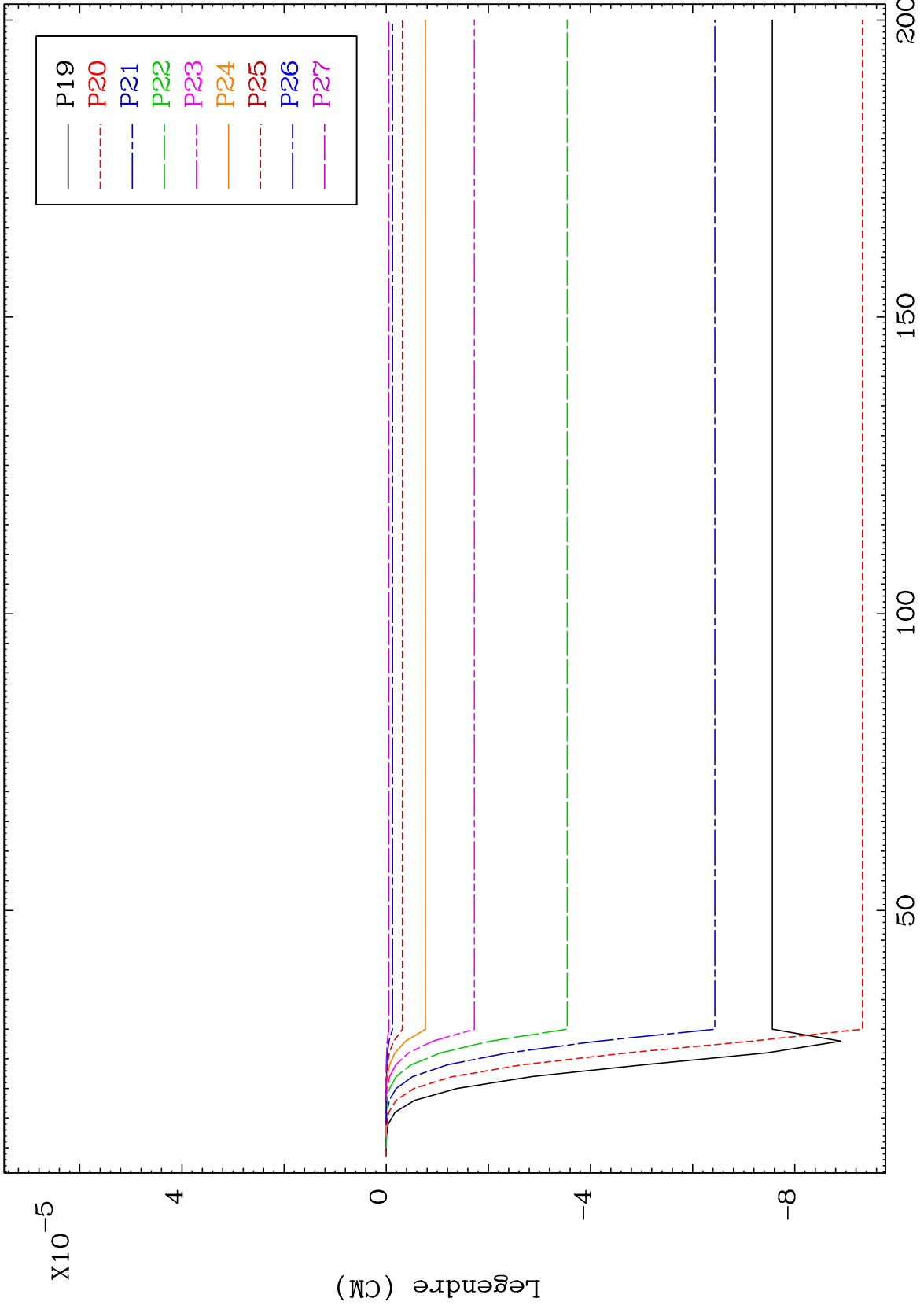
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

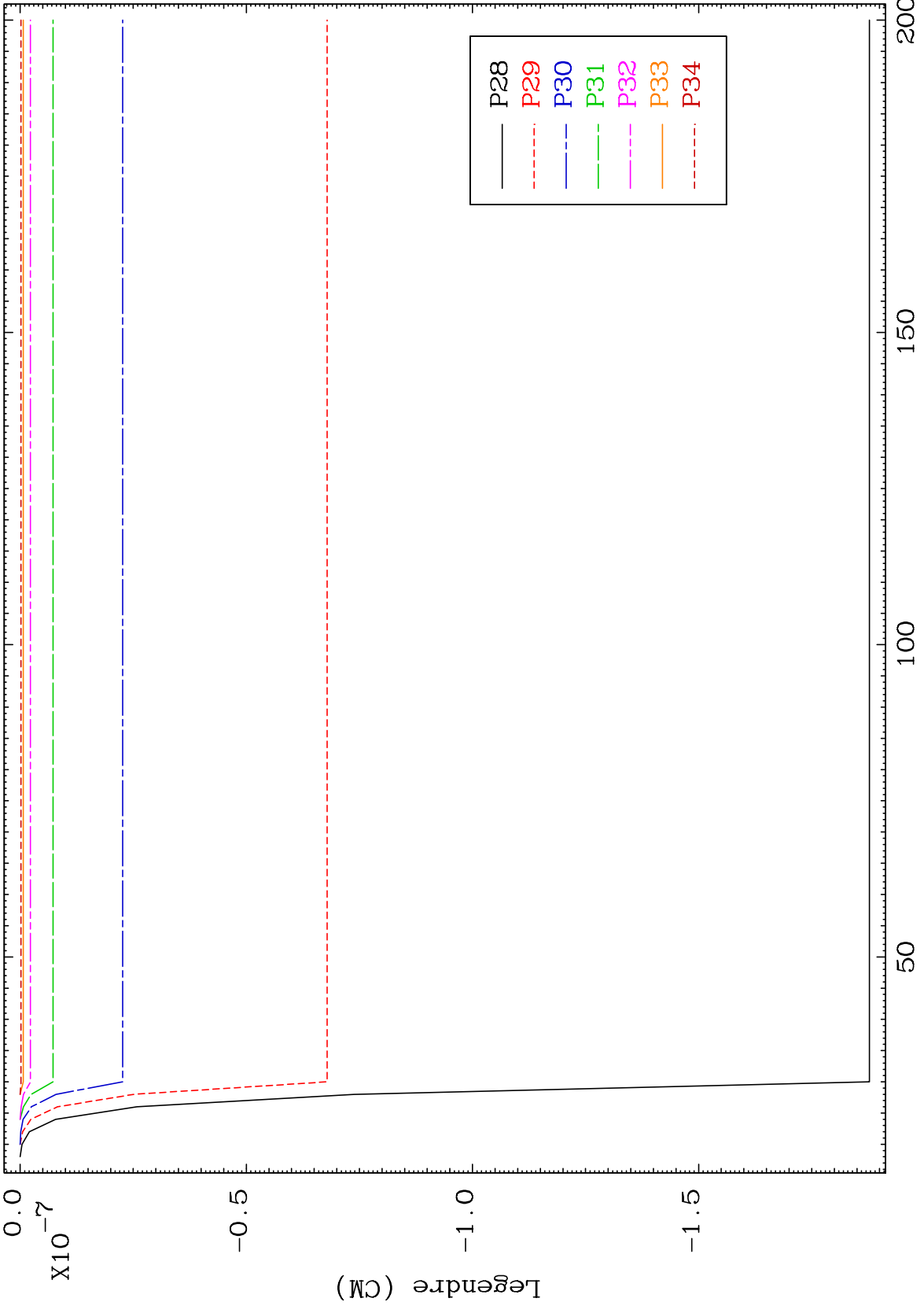


89

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 69 (n,n') Level Legendre Coefficients 44-Ru-100

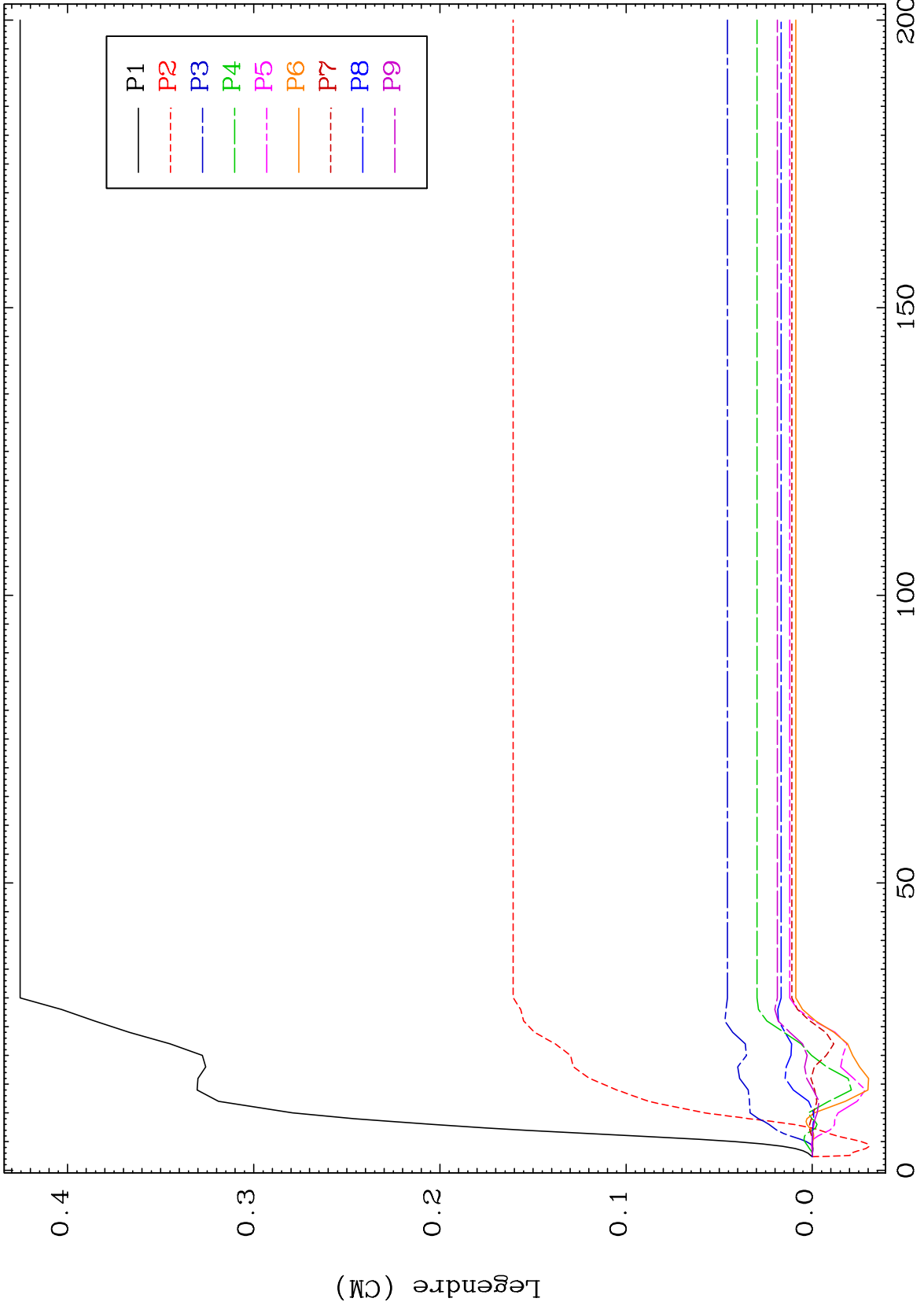


90 50 100 150 200 44-Ru-100

MAT 4437

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

44-Ru-100



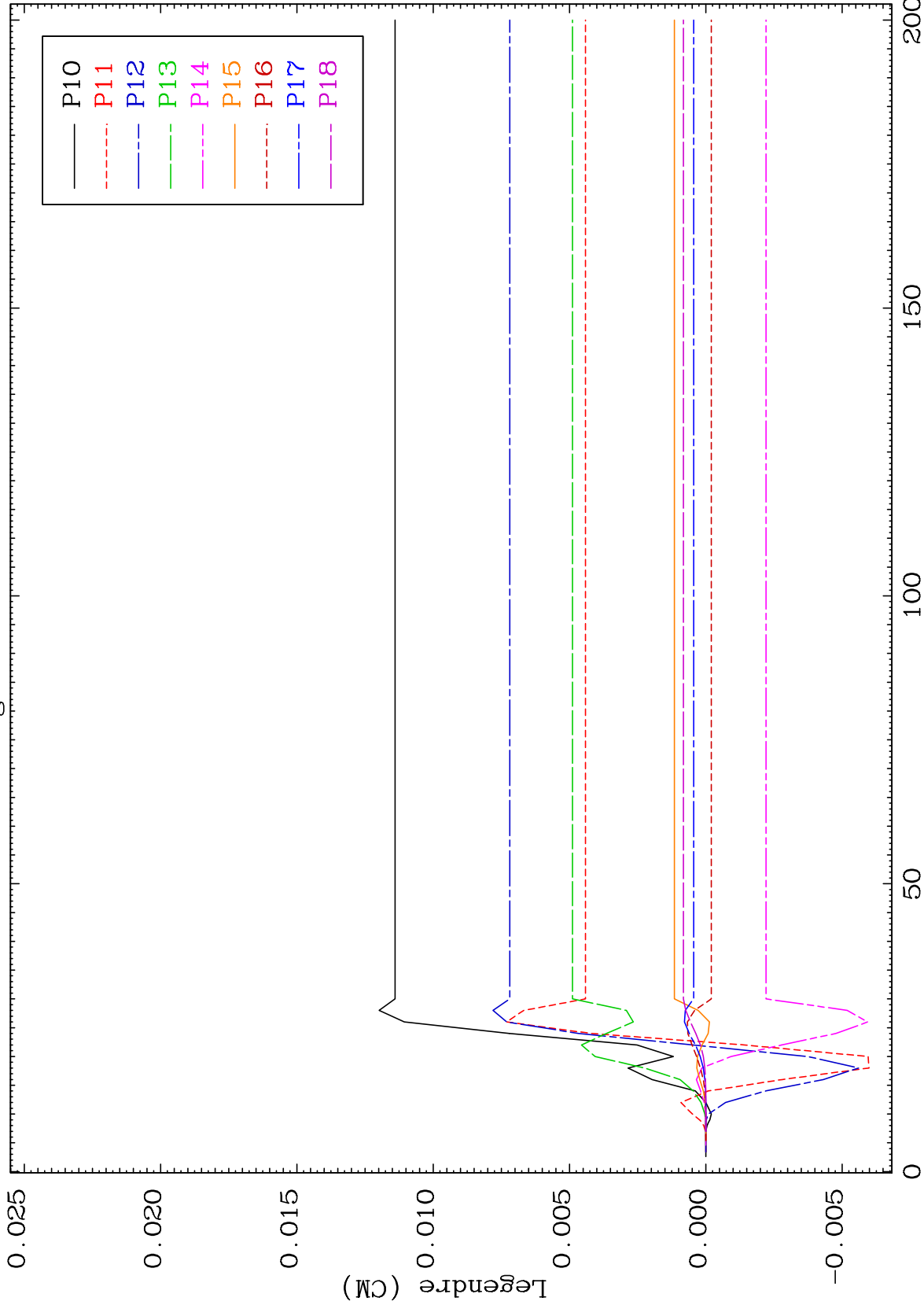
91

44-Ru-100

MAT 4437

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

44-Ru-100



92

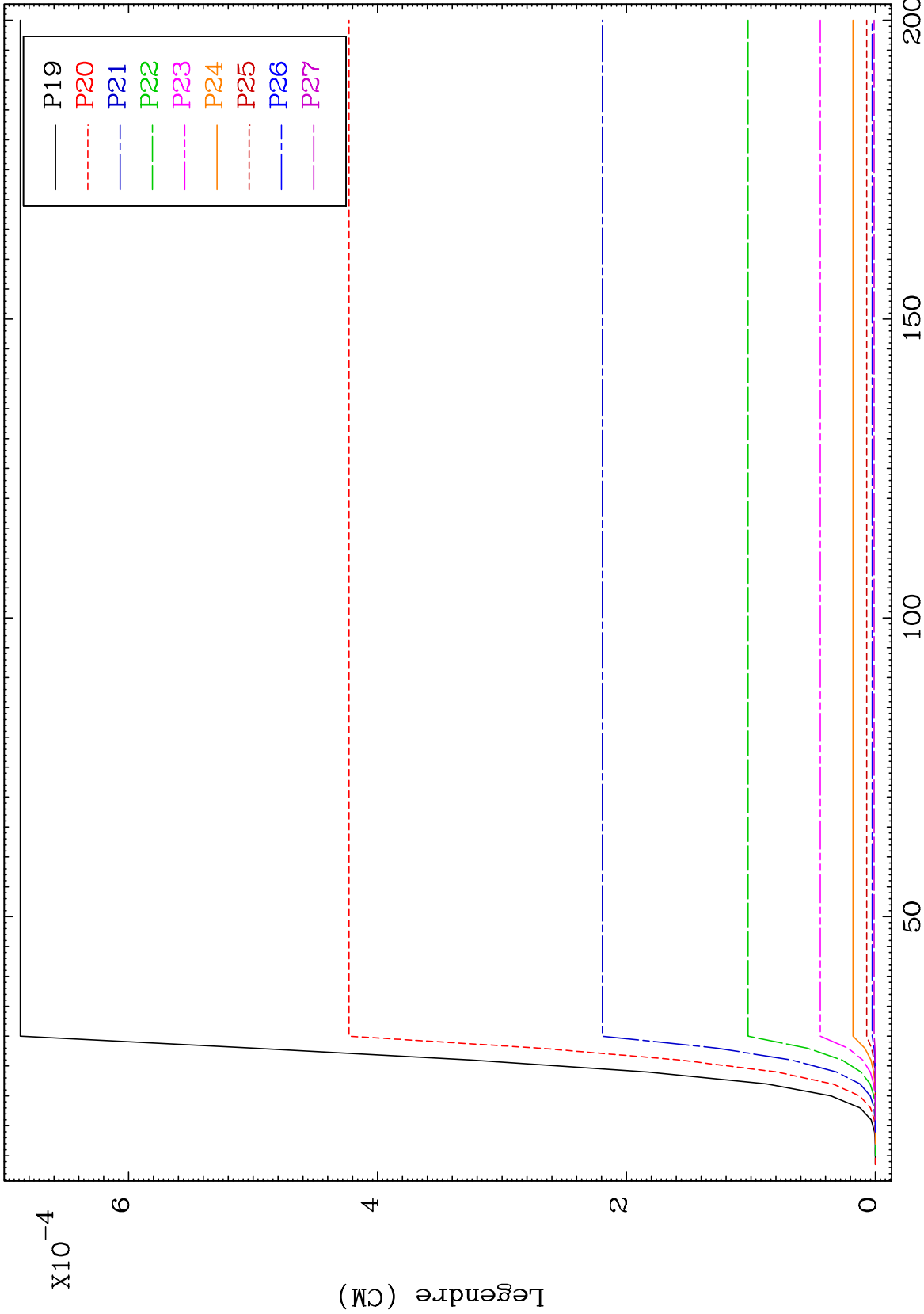
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



93

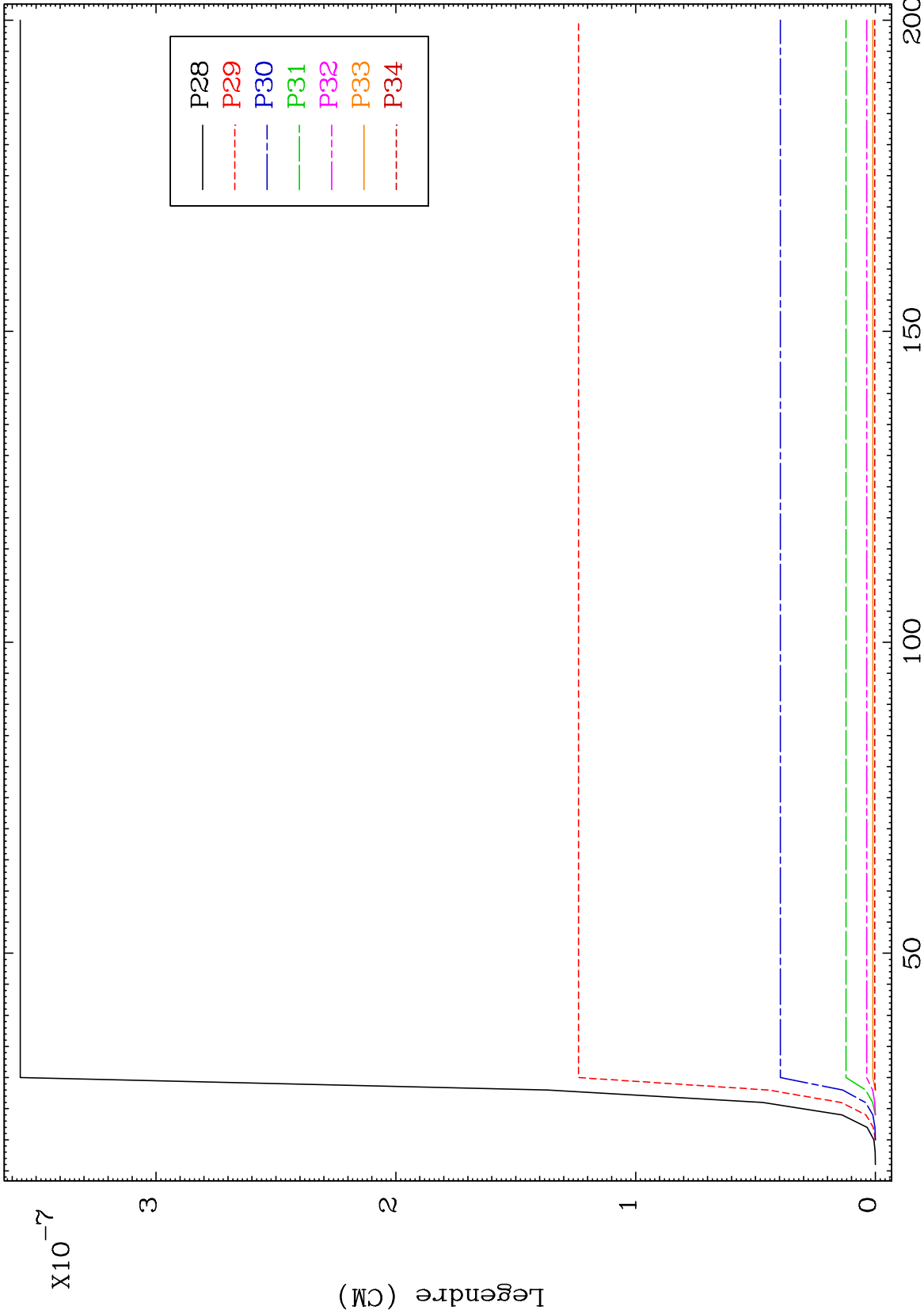
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



94

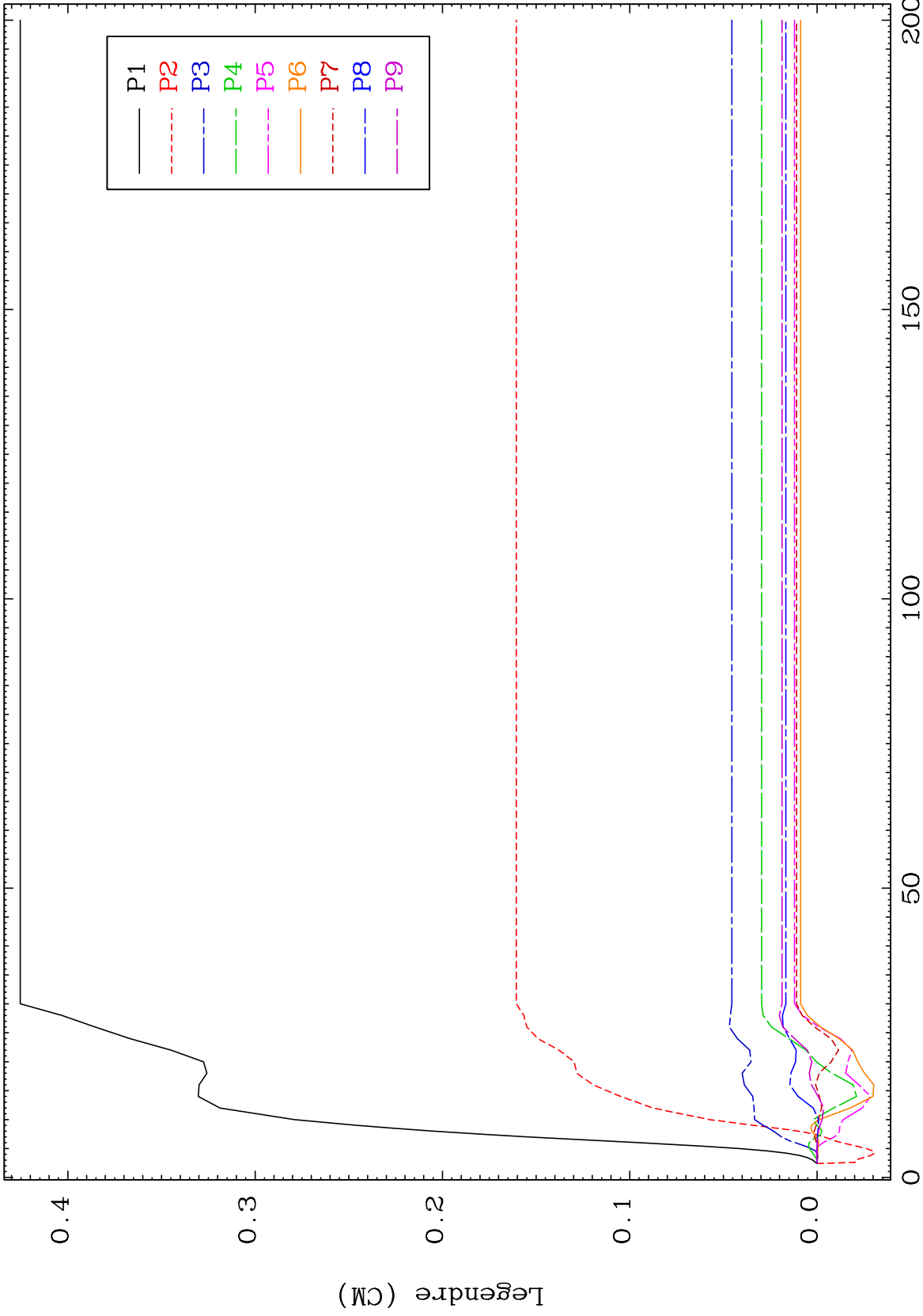
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



95

44-Ru-100

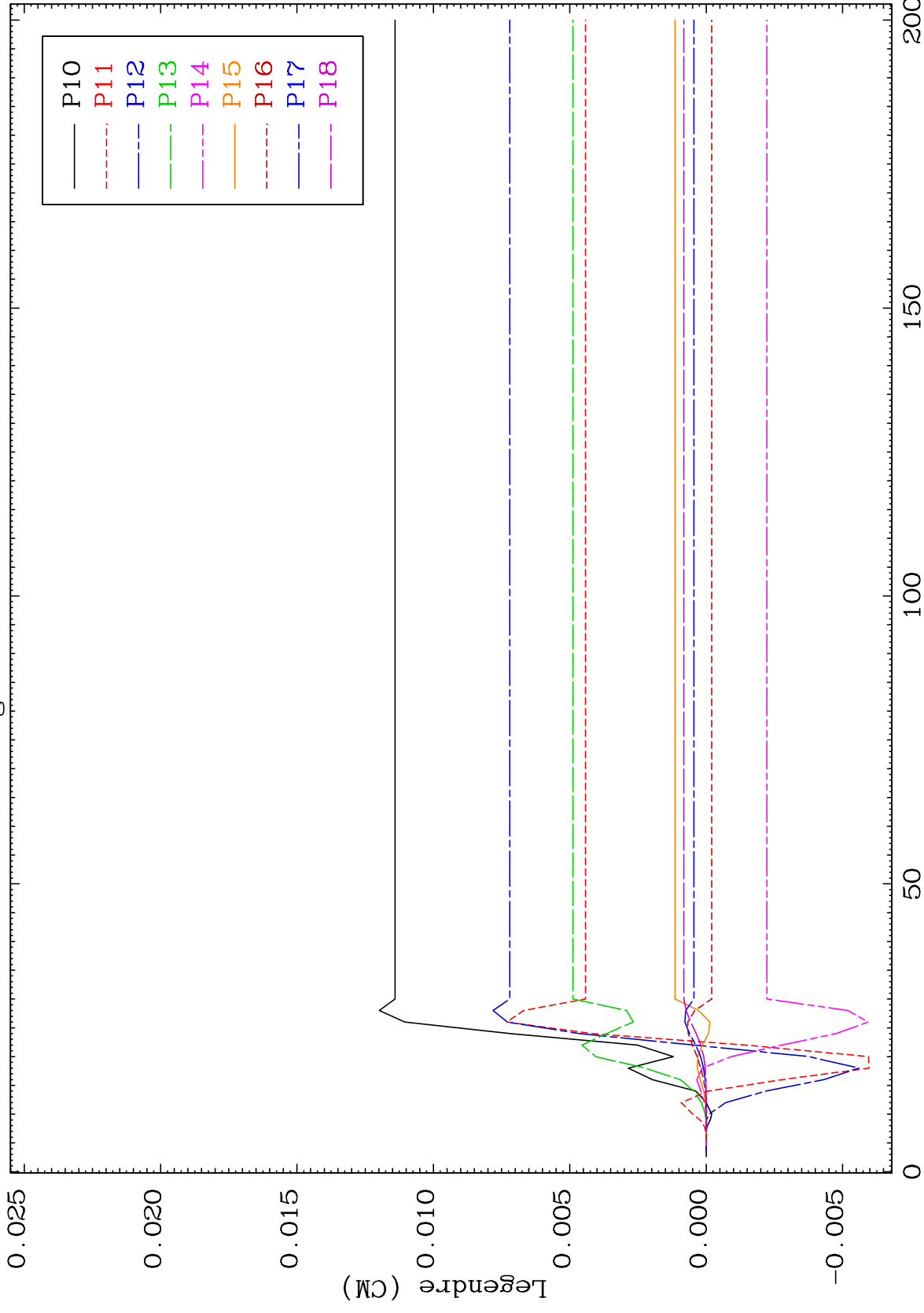
44-Ru-100



MAT 4437

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

44-Ru-100



96

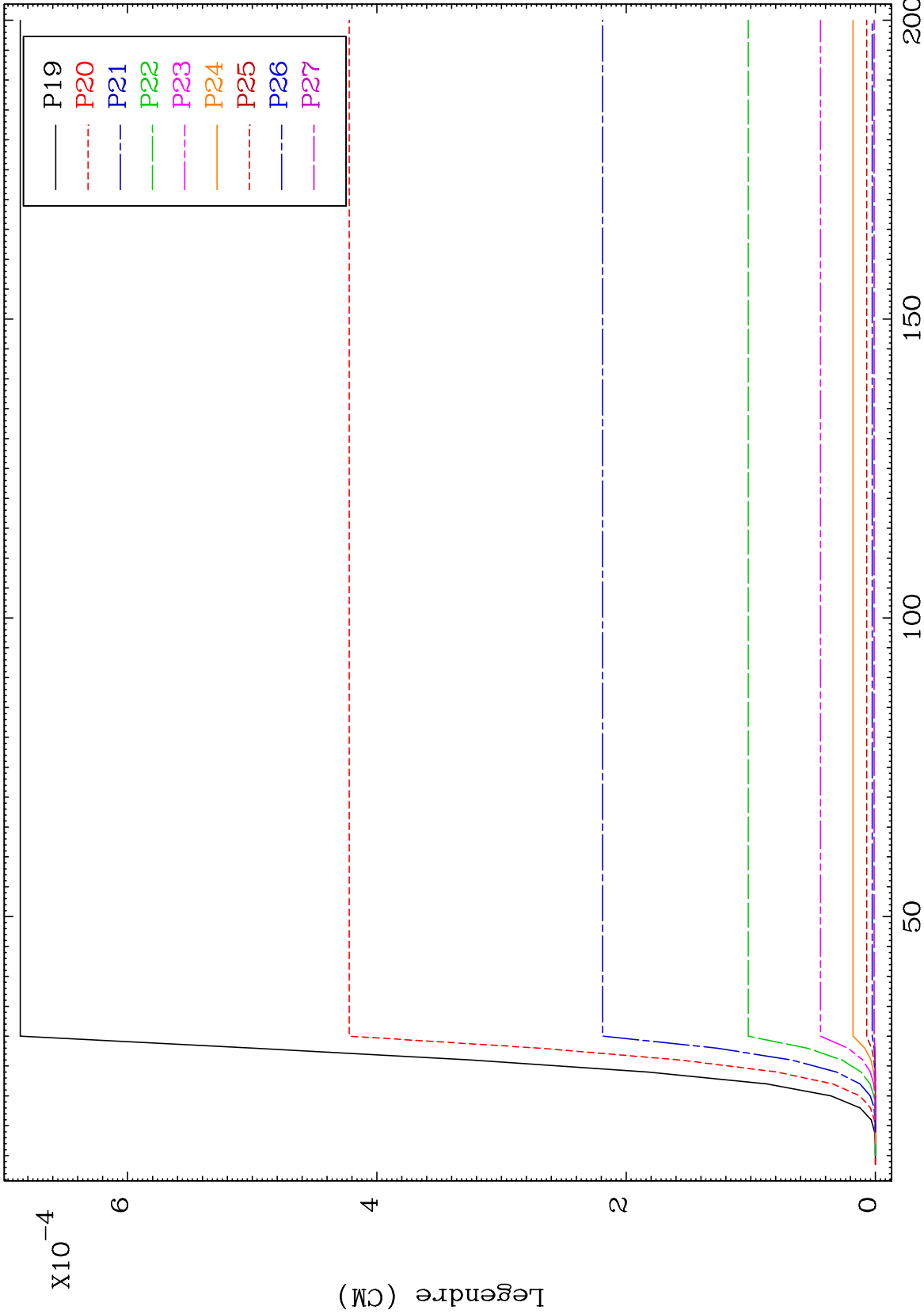
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



97

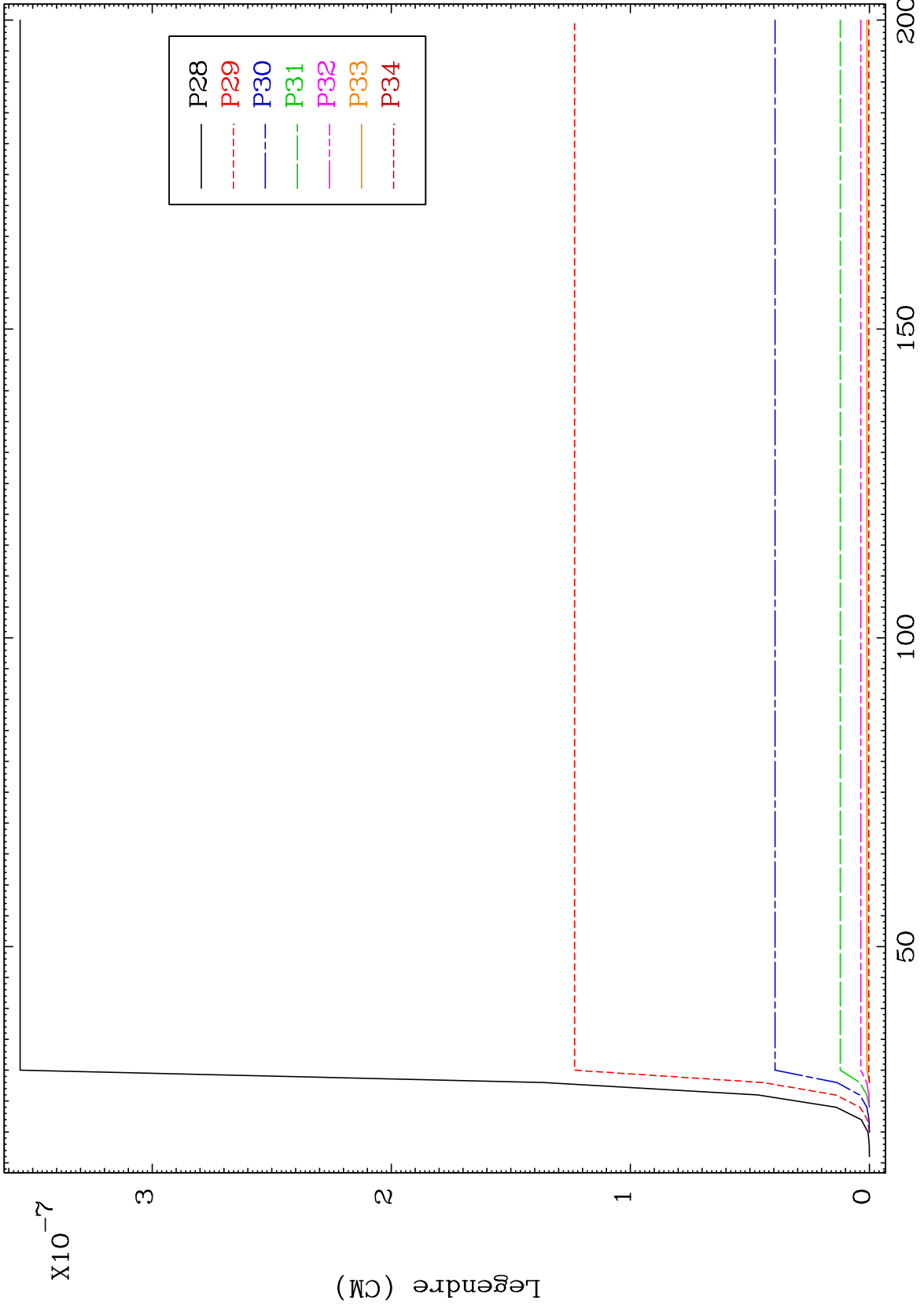
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

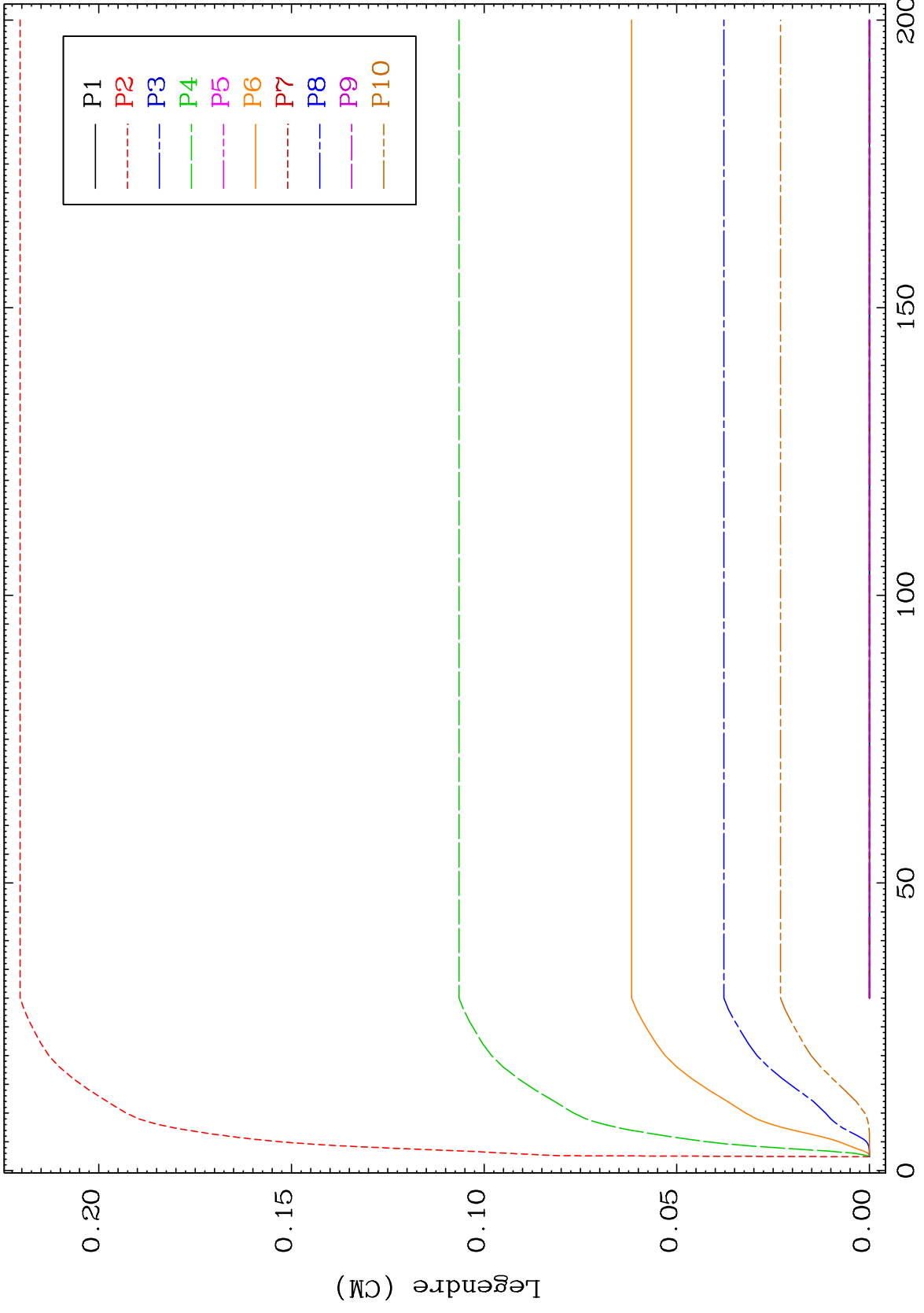


98

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-100

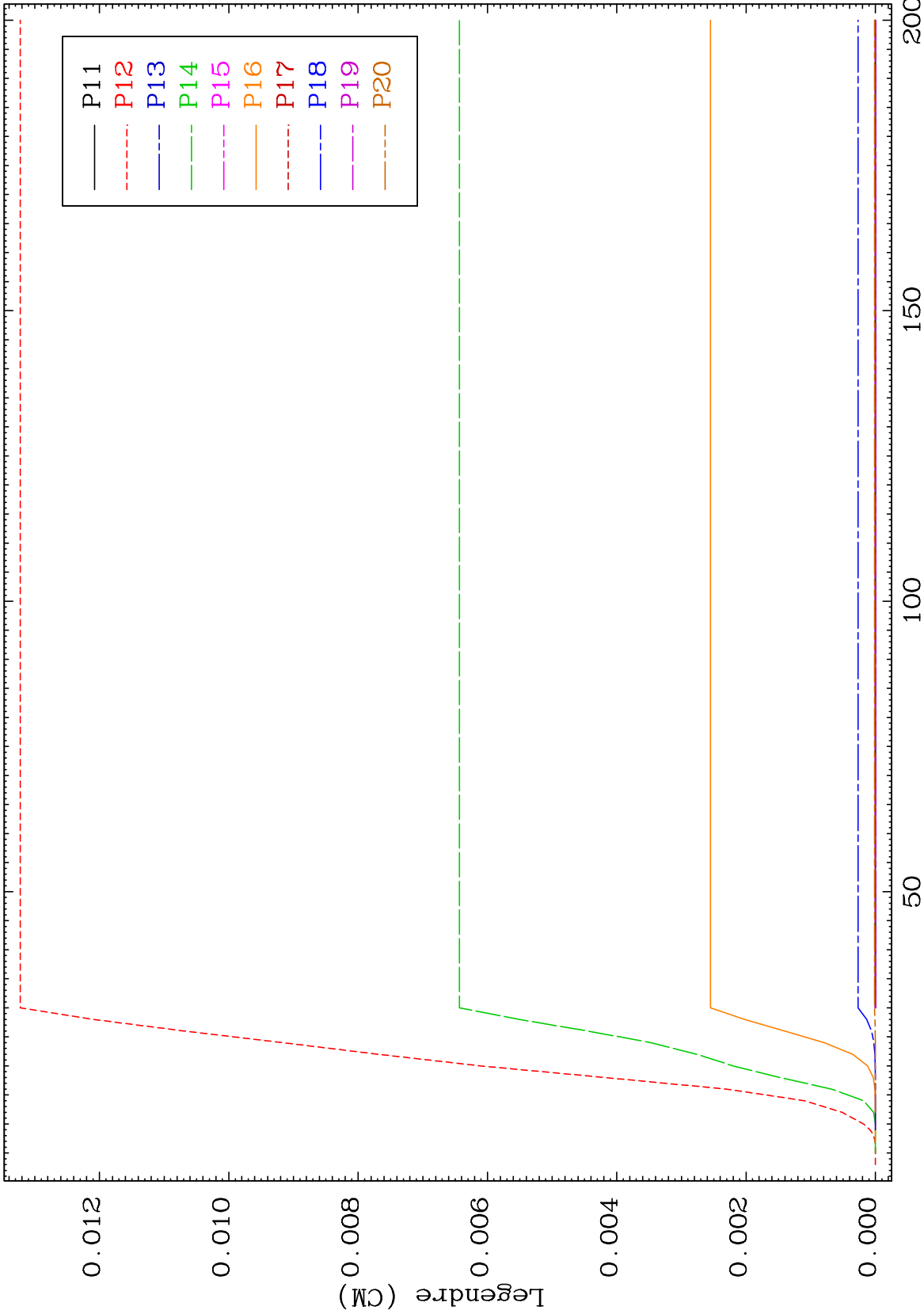


99 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

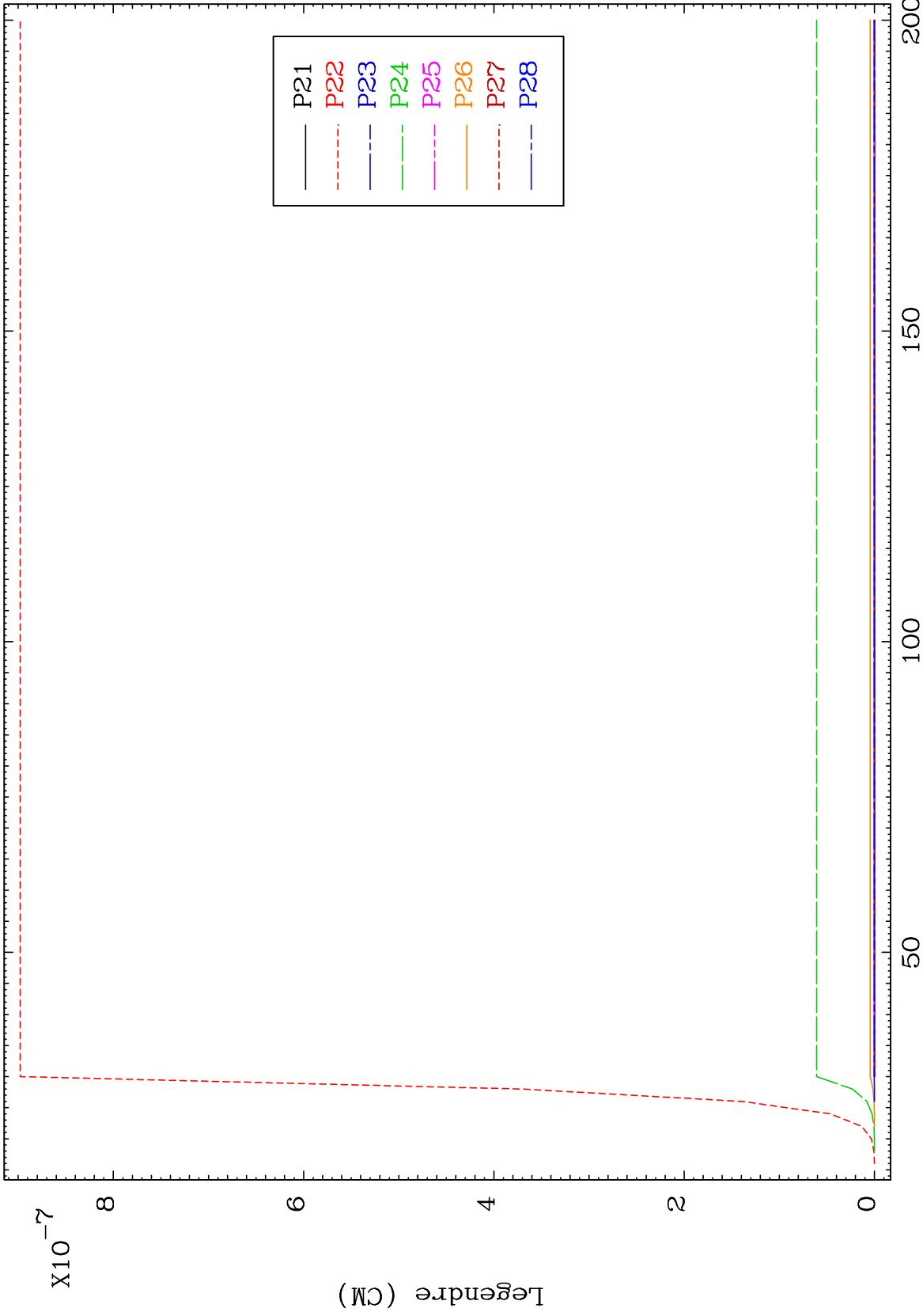
Incident Energy (MeV)

100

MAT 4437

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

44-Ru-100



101

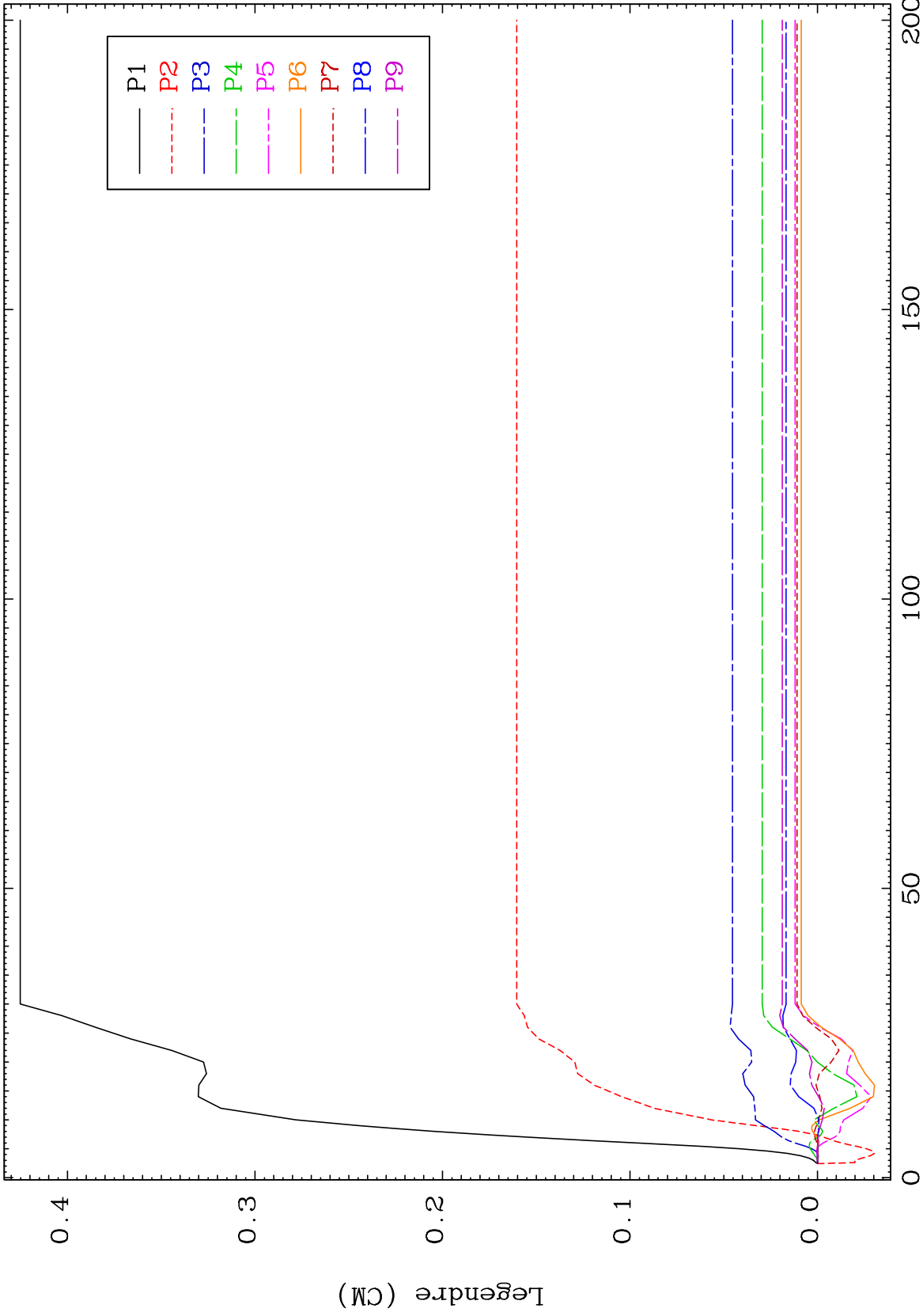
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



102

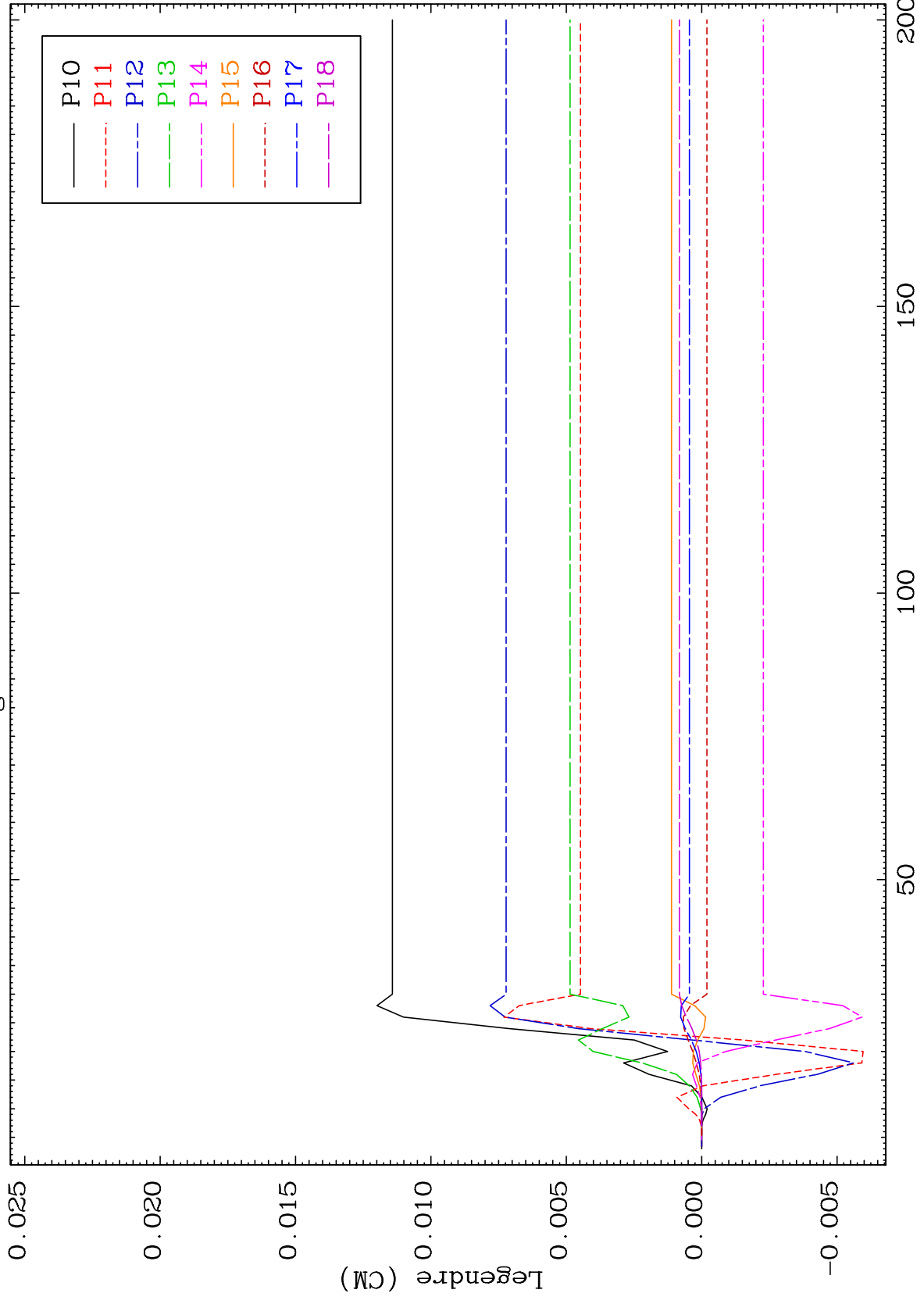
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

Incident Energy (MeV)

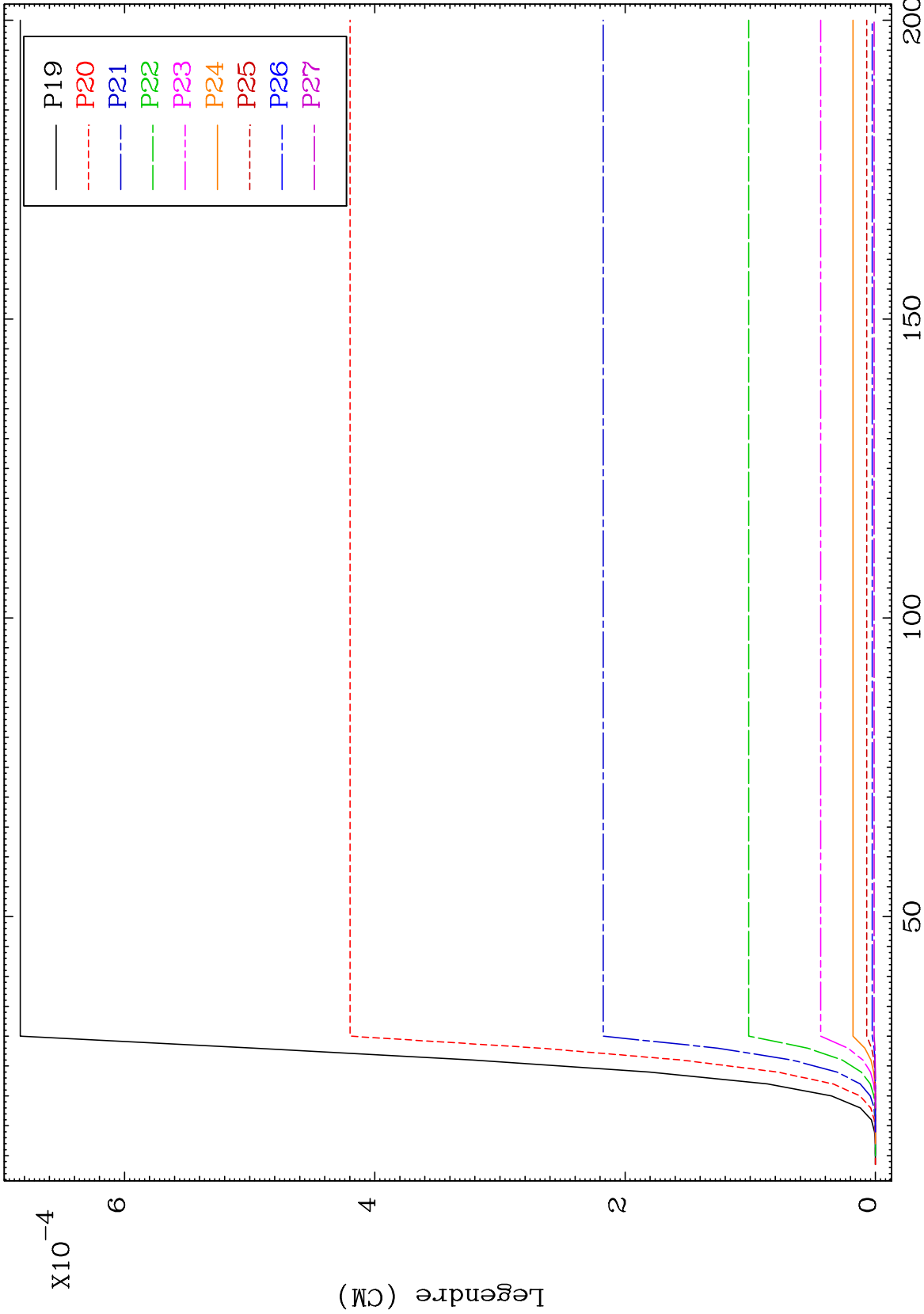
103



MAT 4437

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

44-Ru-100



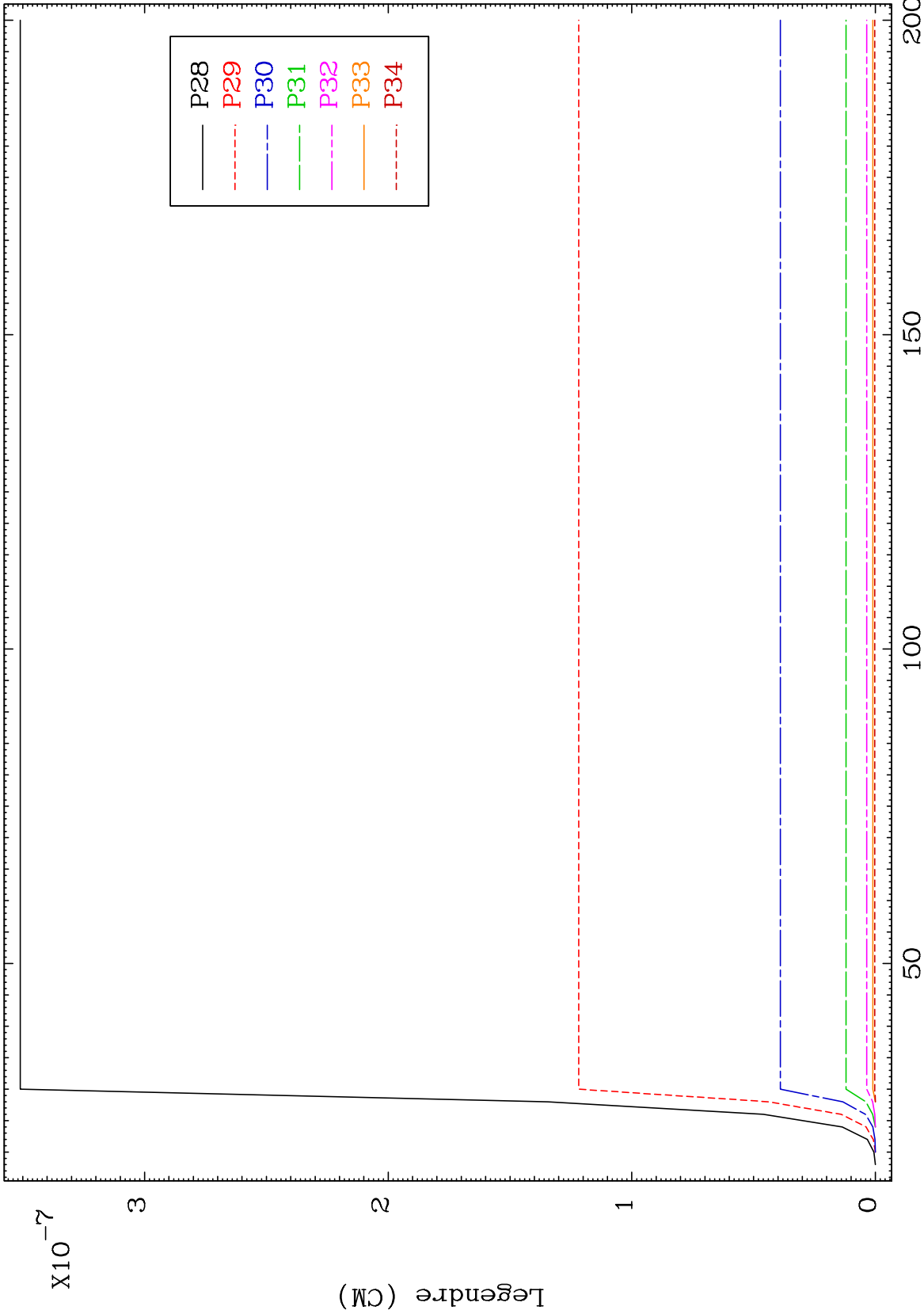
104

44-Ru-100

MAT 4437

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

44-Ru-100

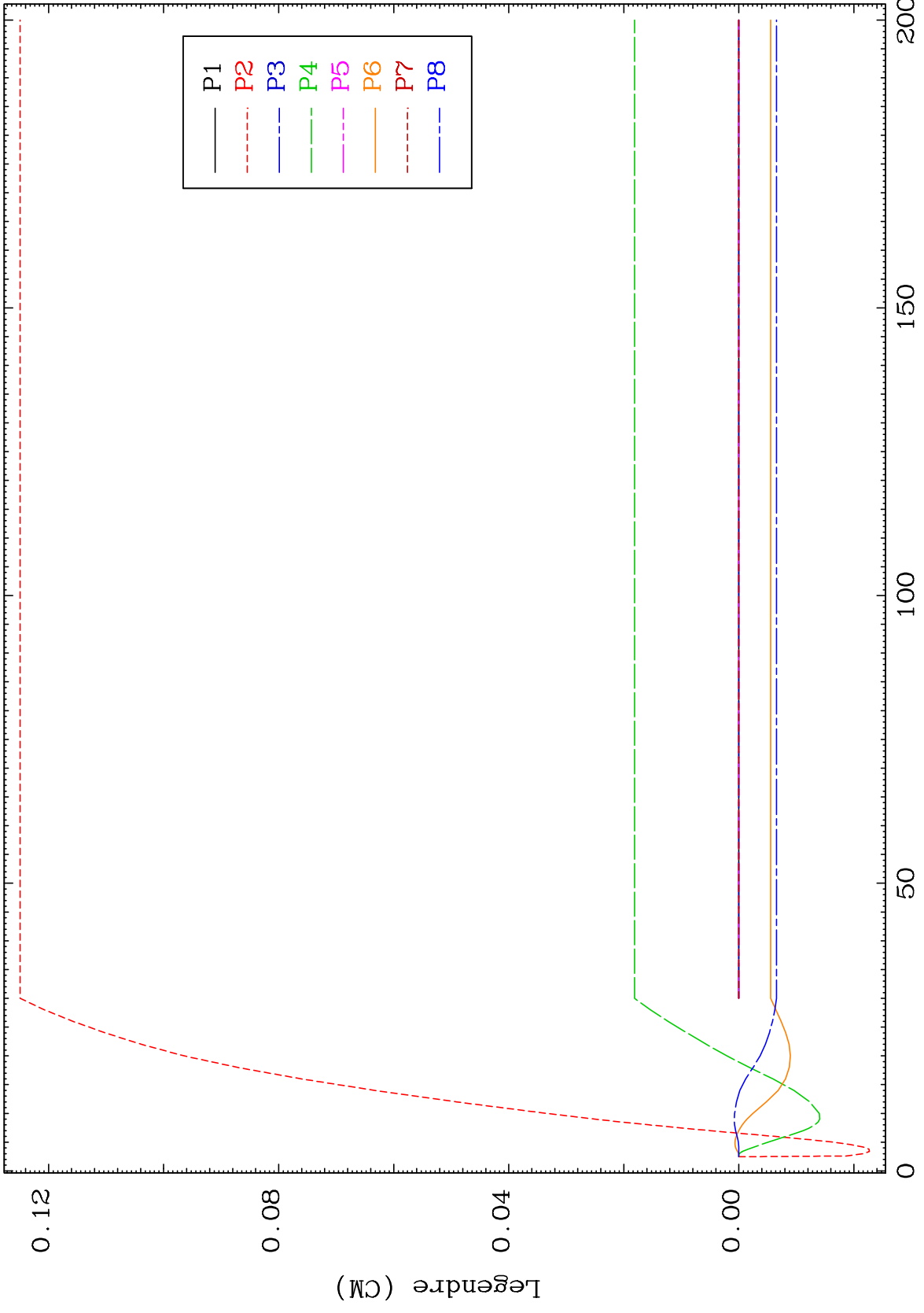


44-Ru-100

Incident Energy (MeV)

105

MAT 4437 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-100

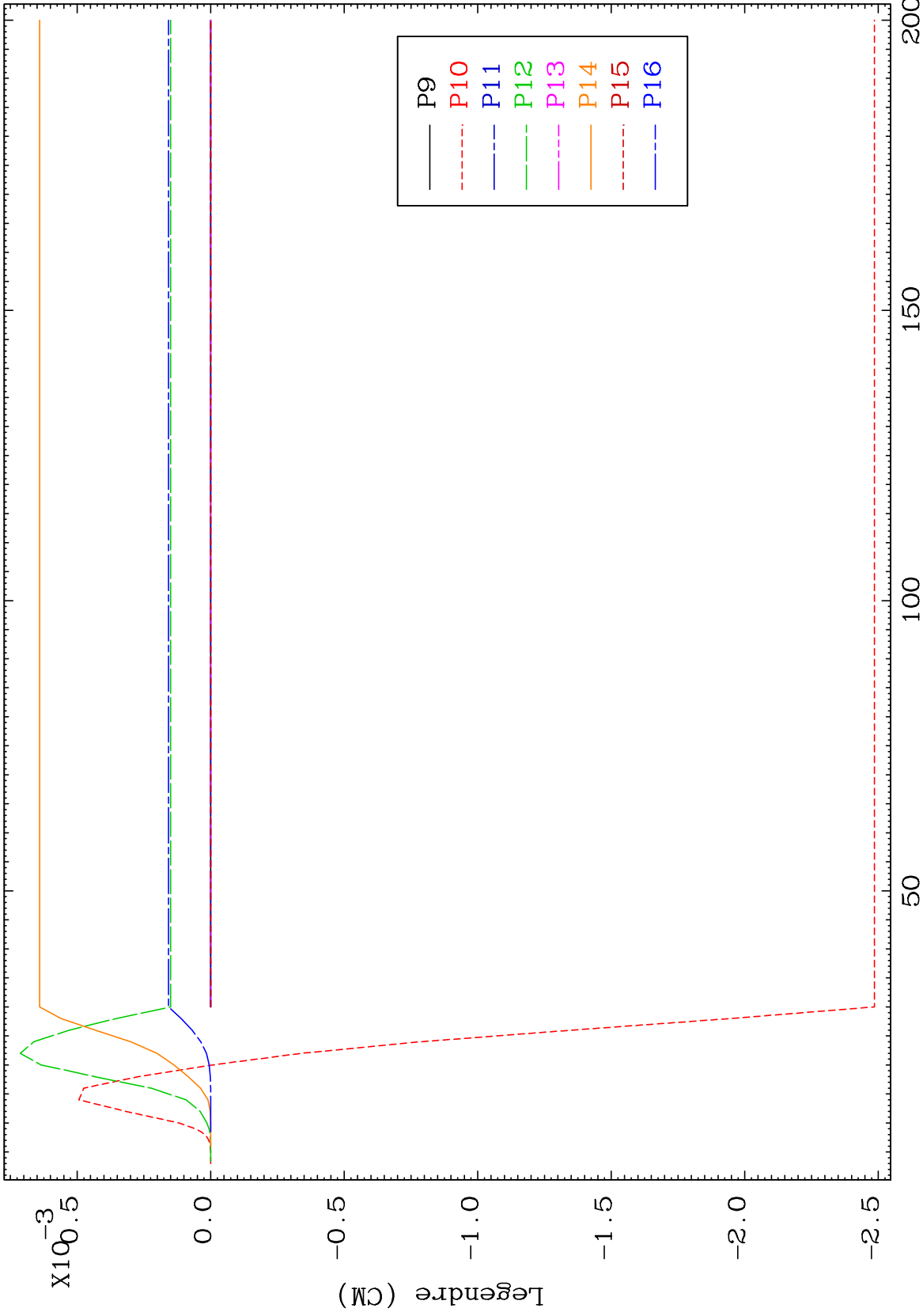


106 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100

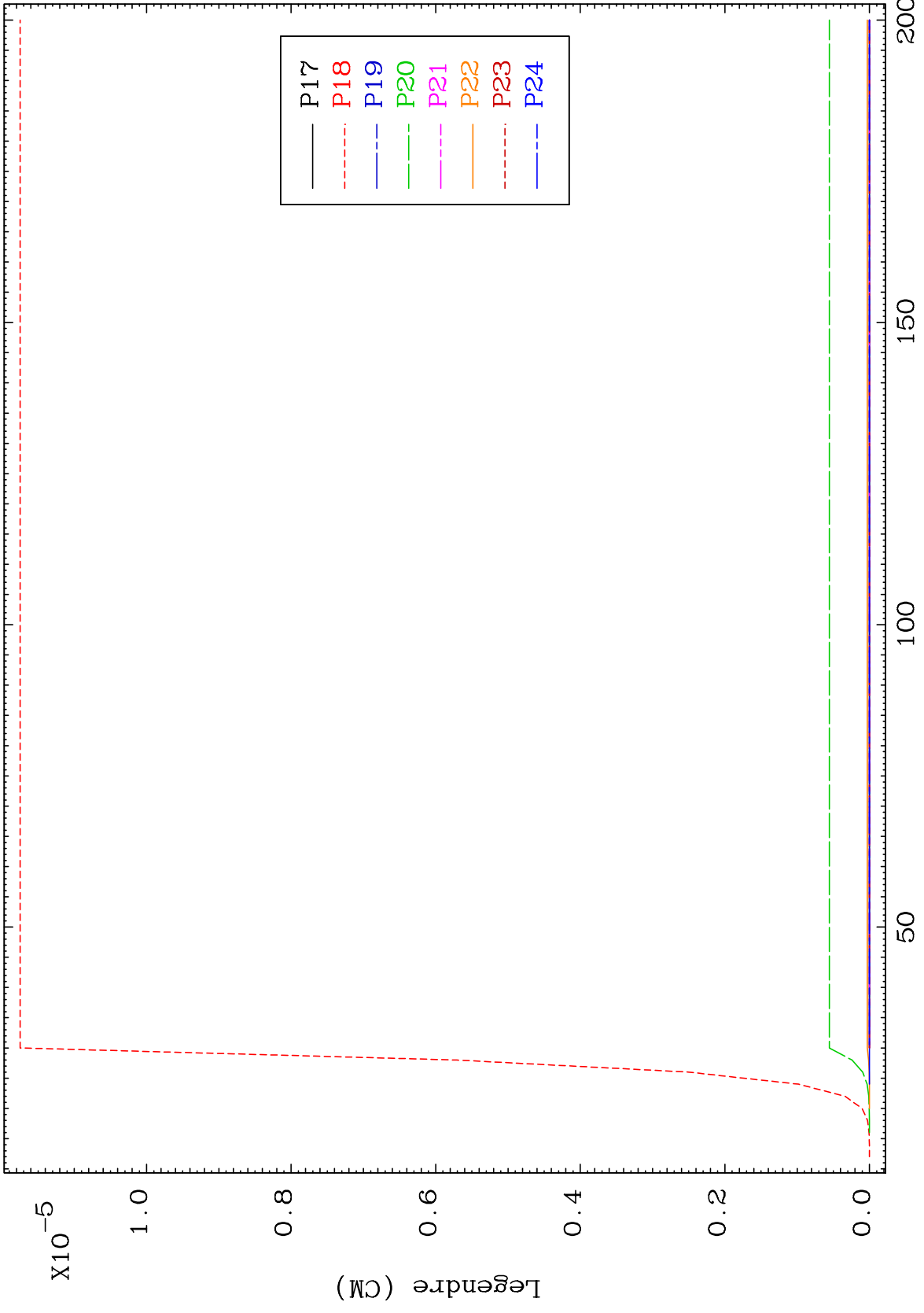


107

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-100

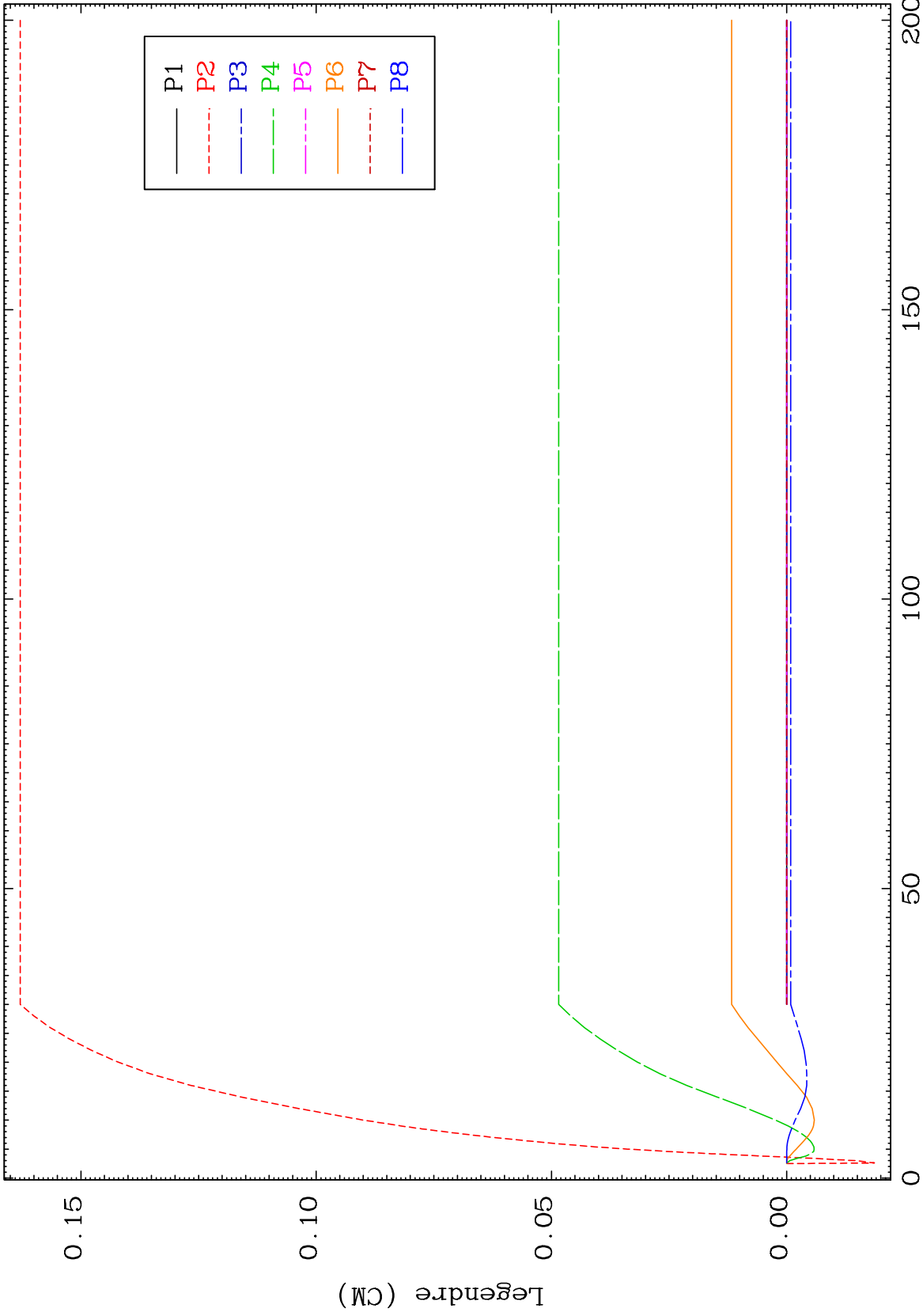


108 50 100 150 200 44-Ru-100

MAT 4437

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

44-Ru-100

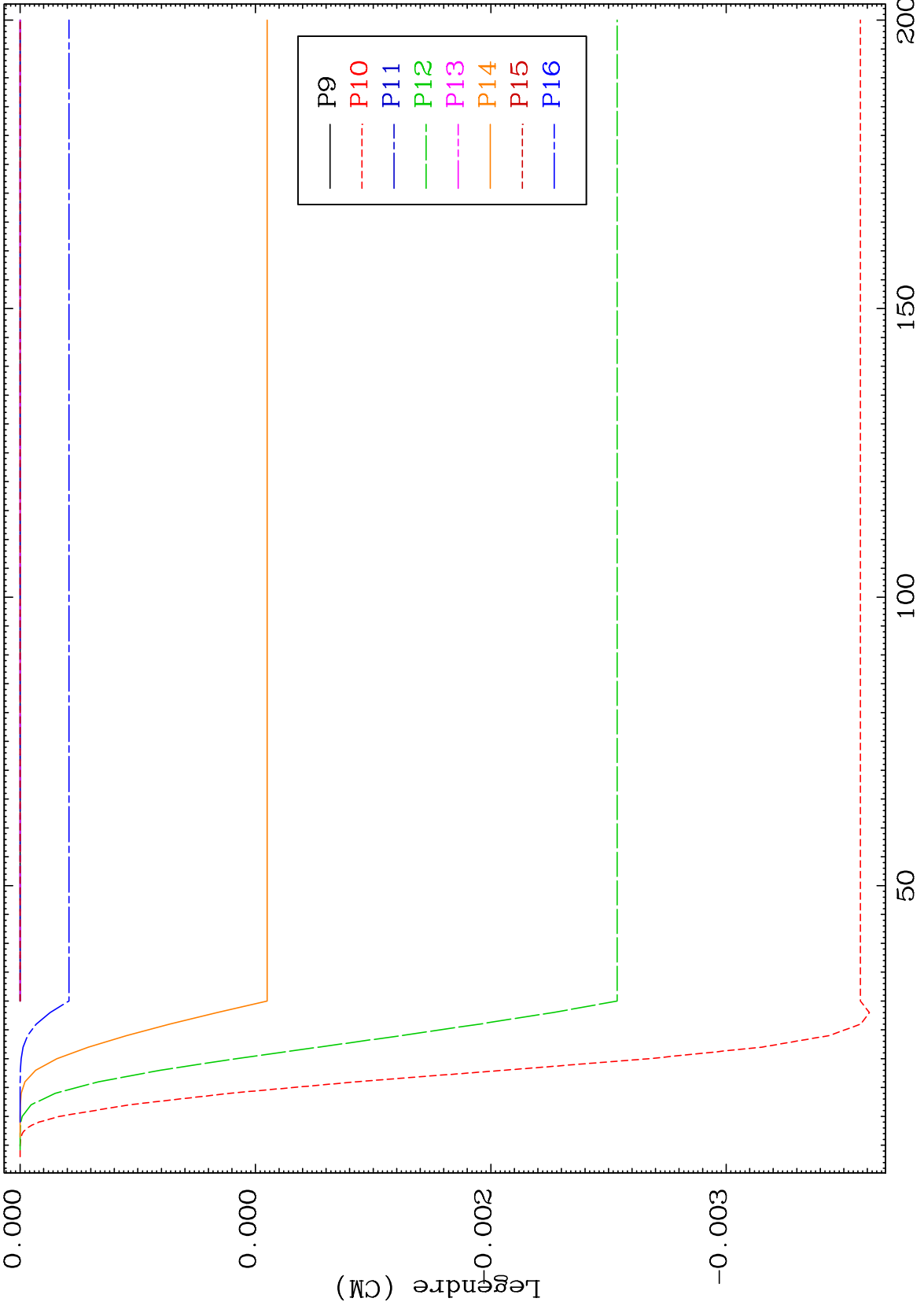


109

Incident Energy (MeV)

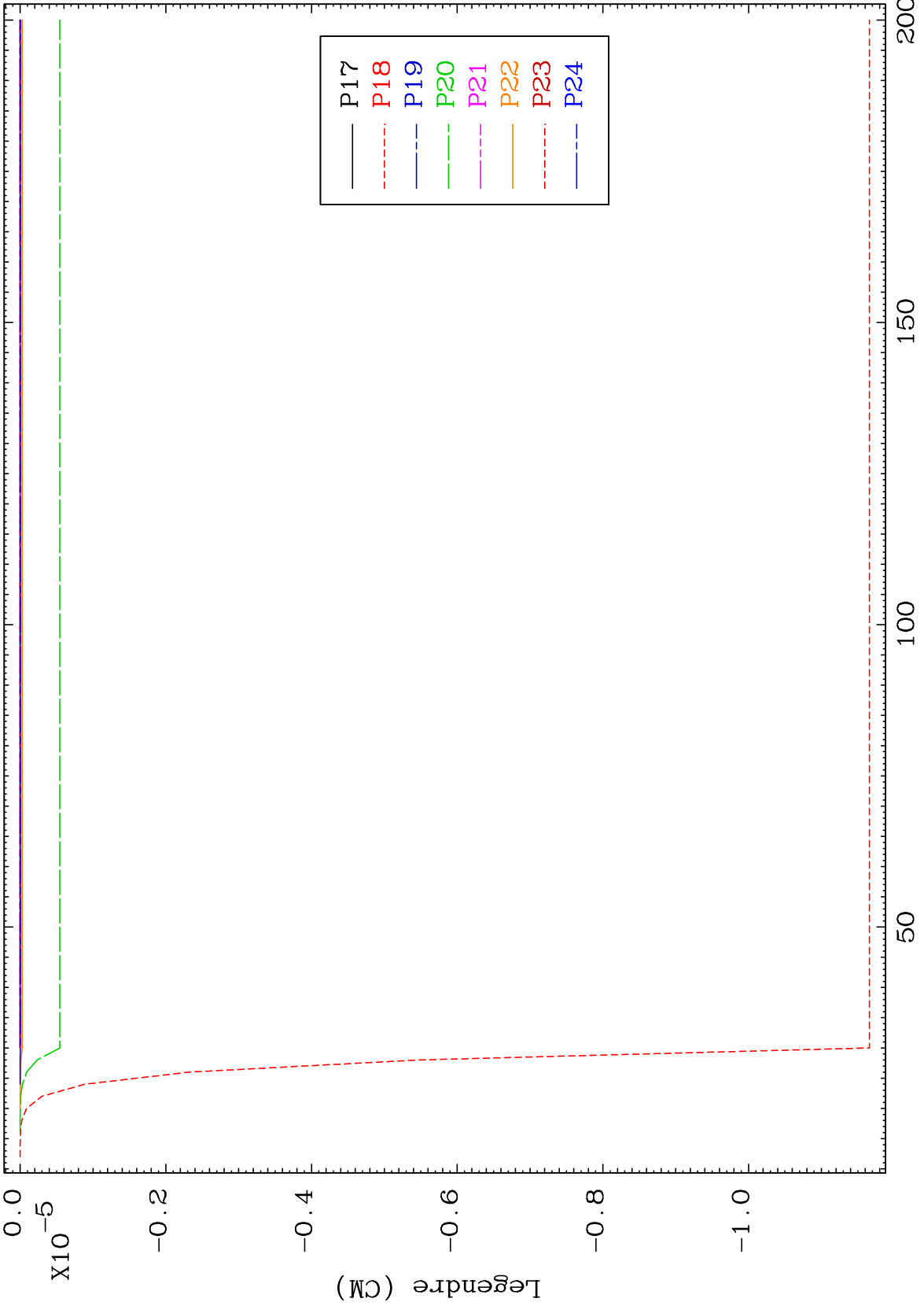
44-Ru-100

MAT 4437 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-100



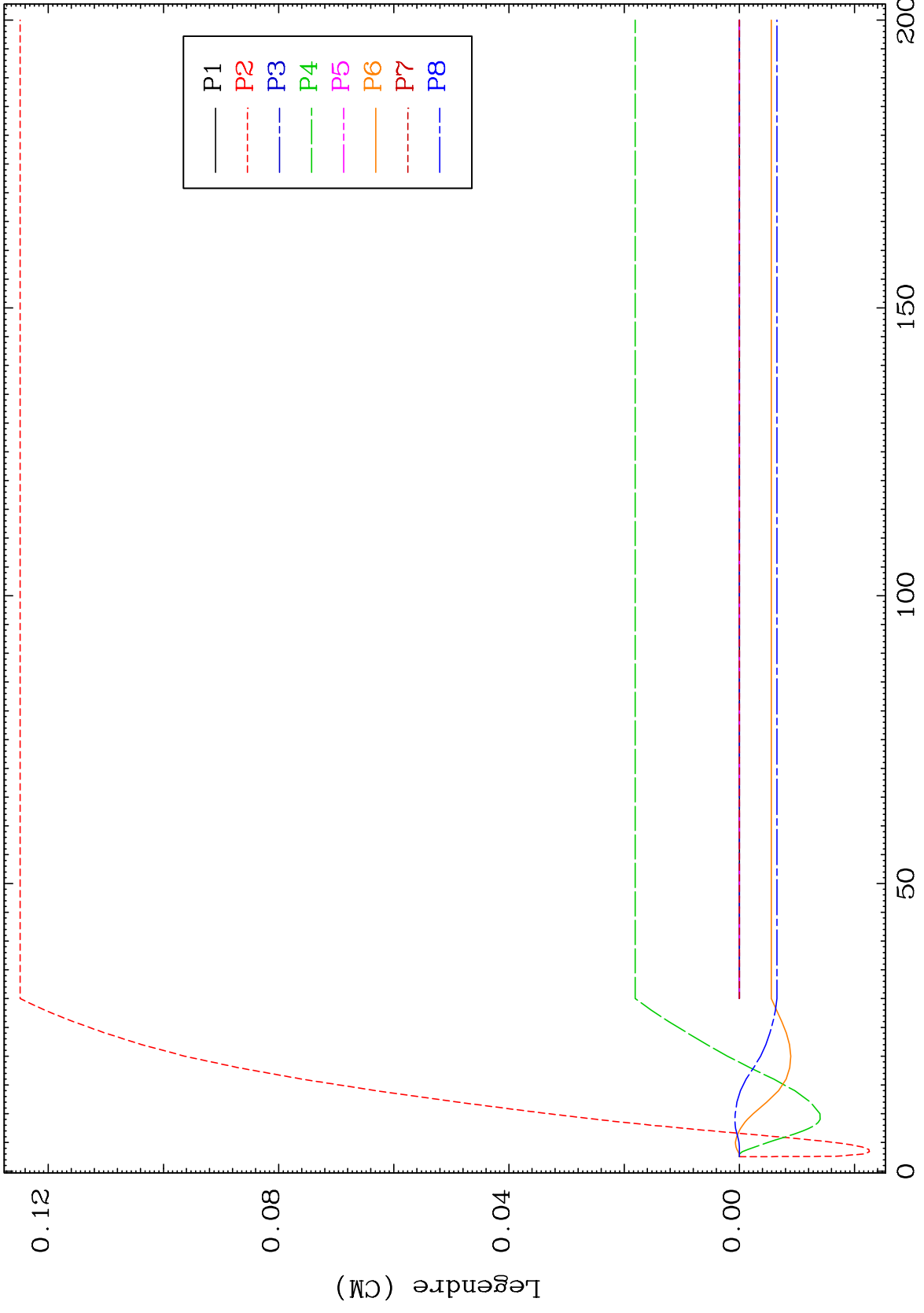
110 Incident Energy (MeV) 44-Ru-100

MAT 4437 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-100





MAT 4437 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-100

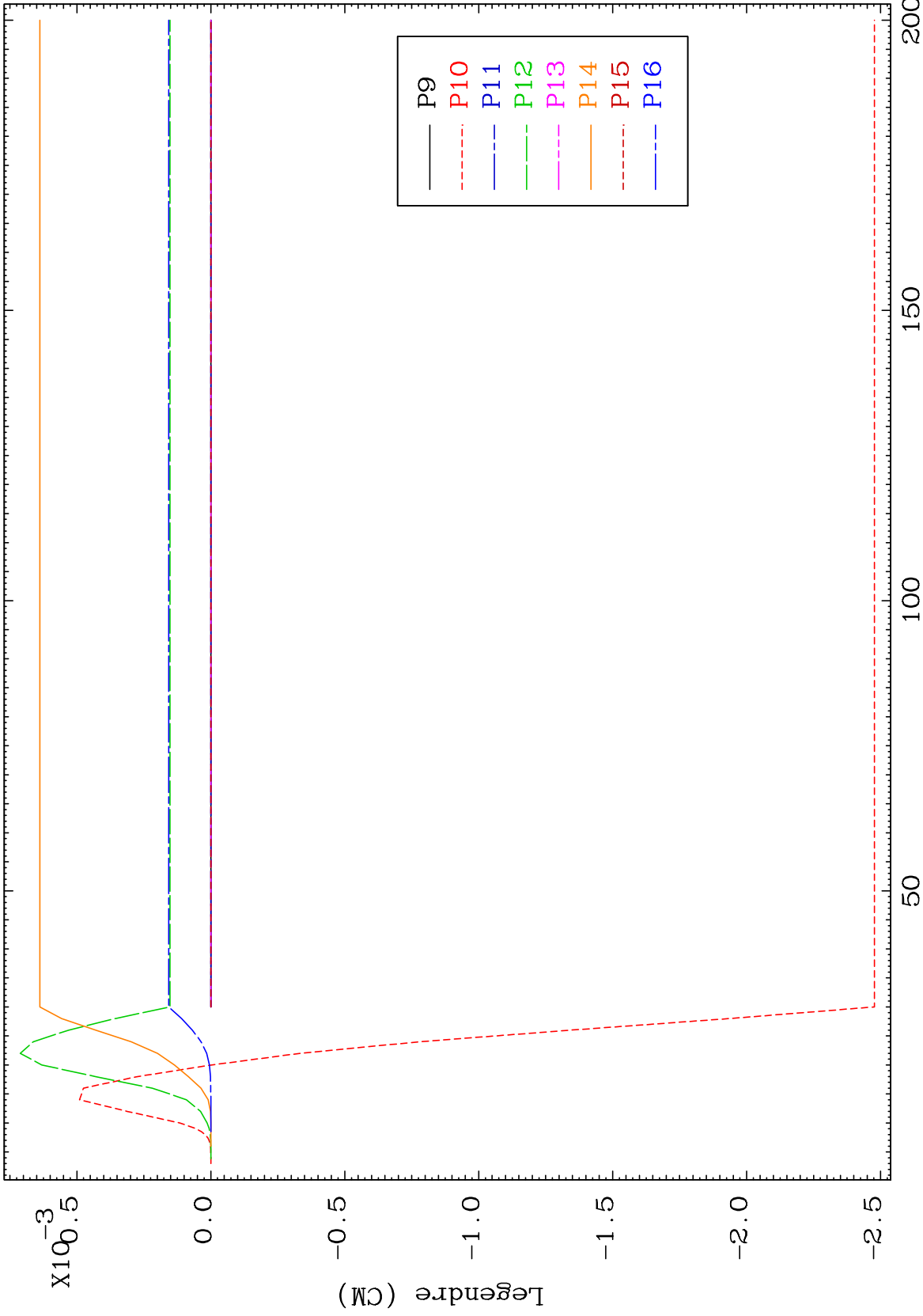


112 44-Ru-100

MAT 4437

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

44-Ru-100

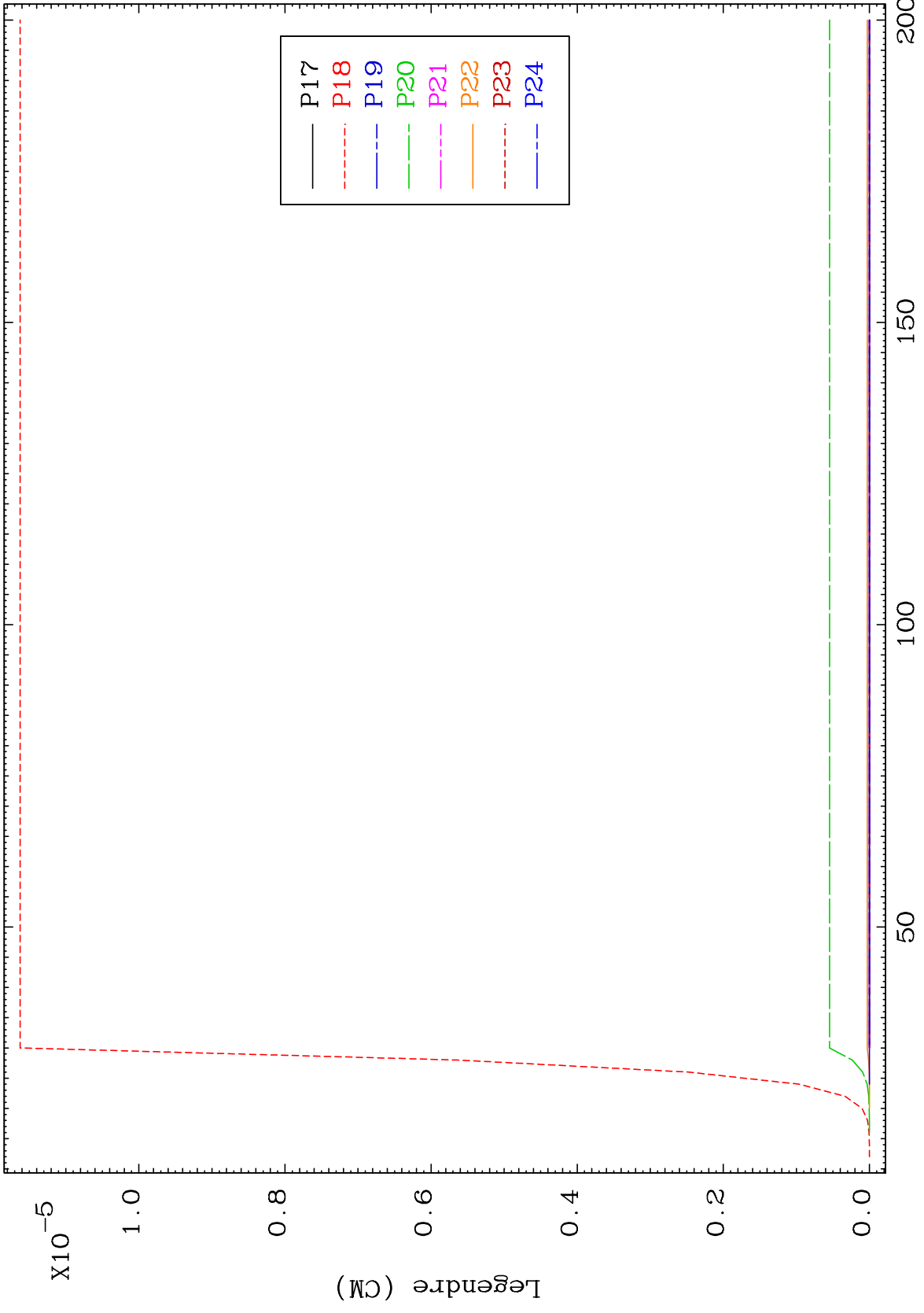


113

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-100

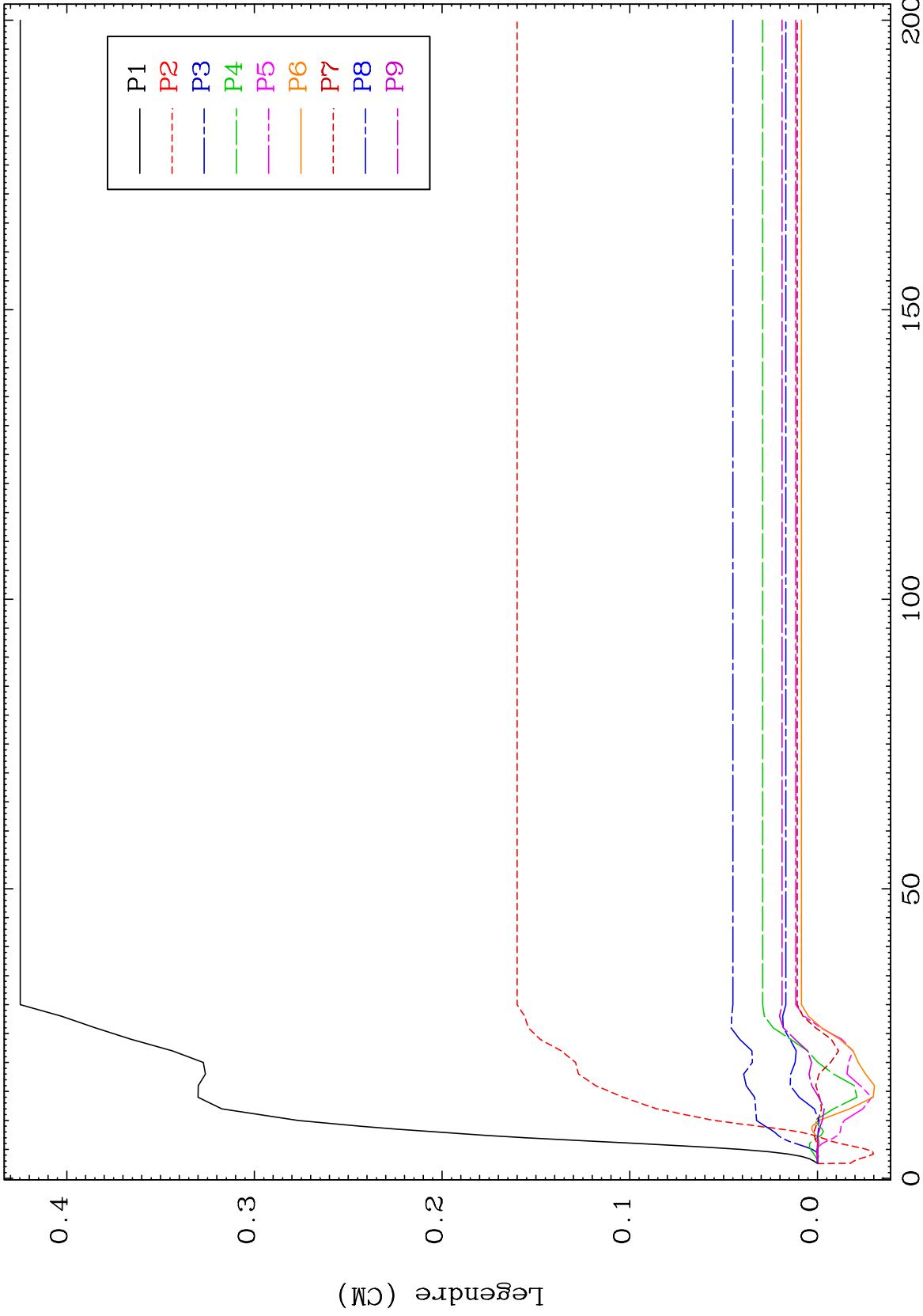


114 44-Ru-100

MAT 4437

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

44-Ru-100



115

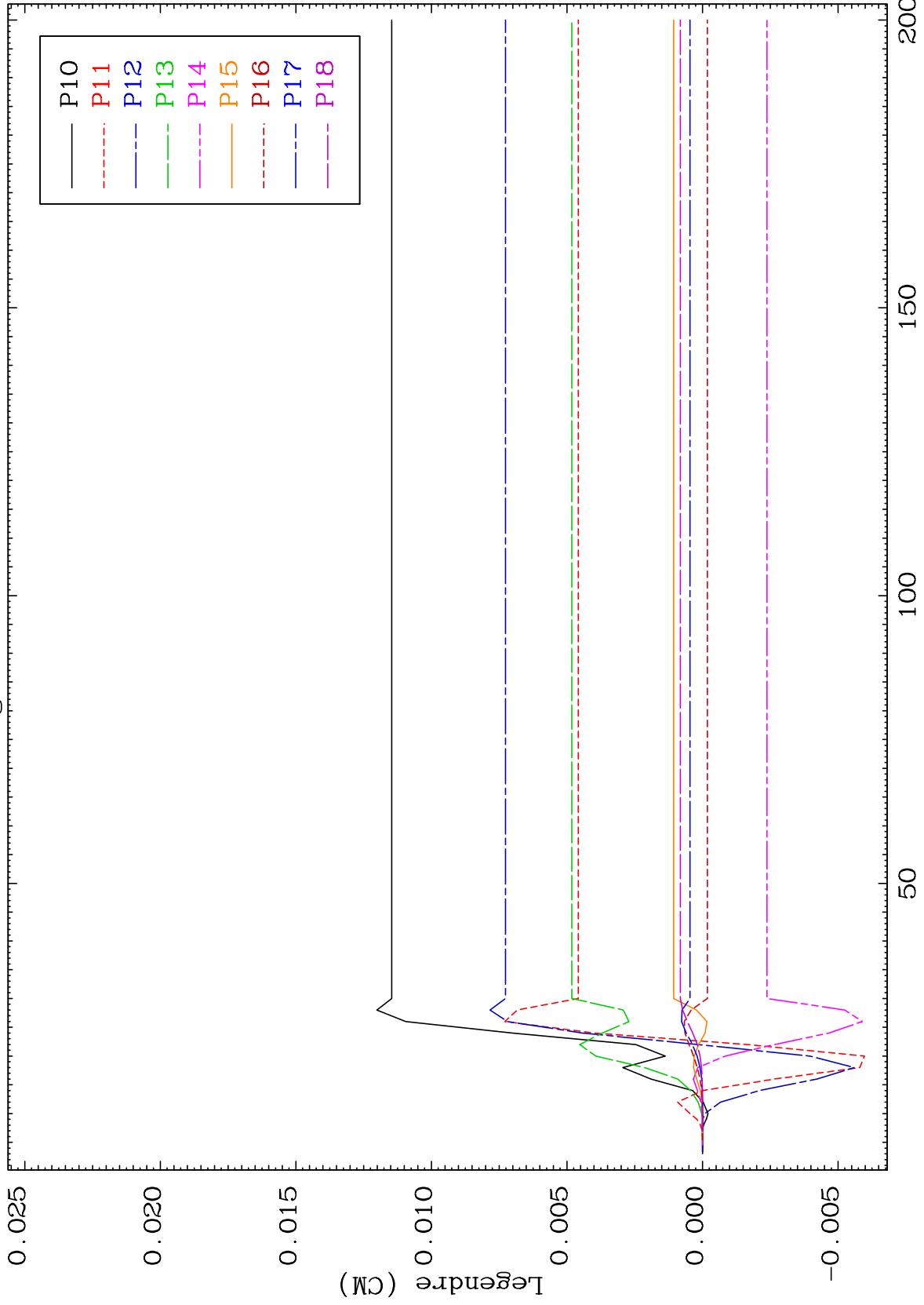
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



116

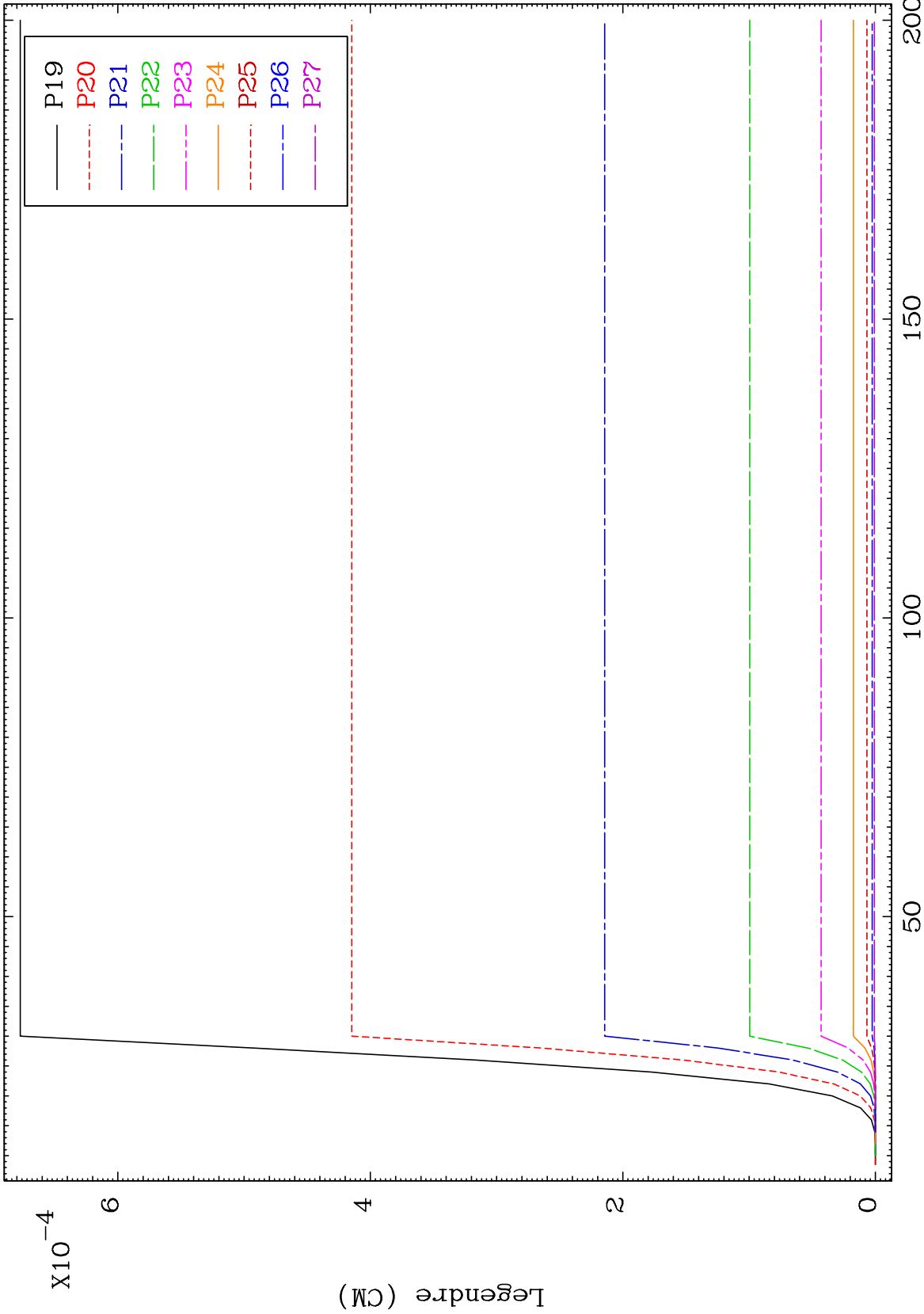
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



117

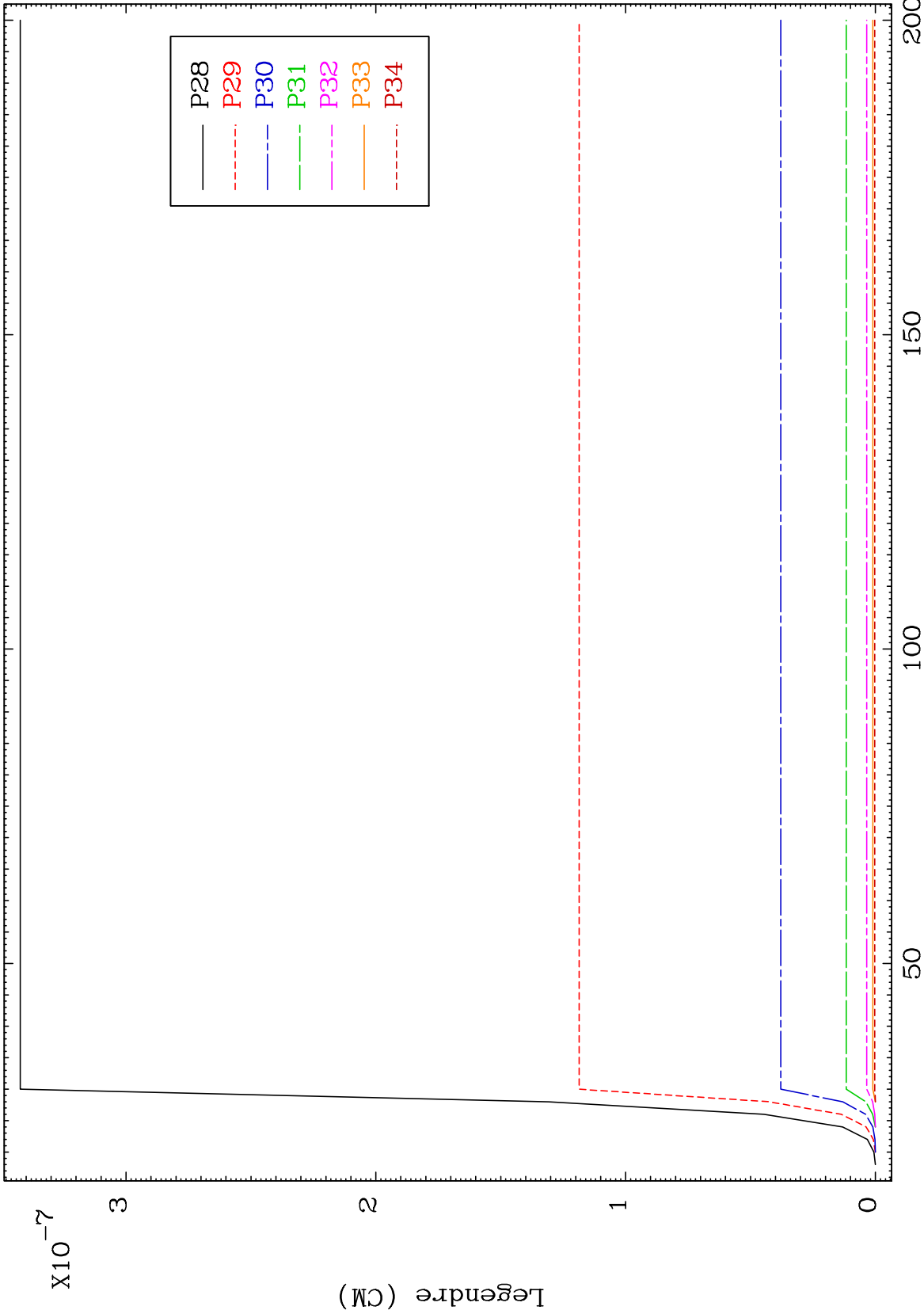
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

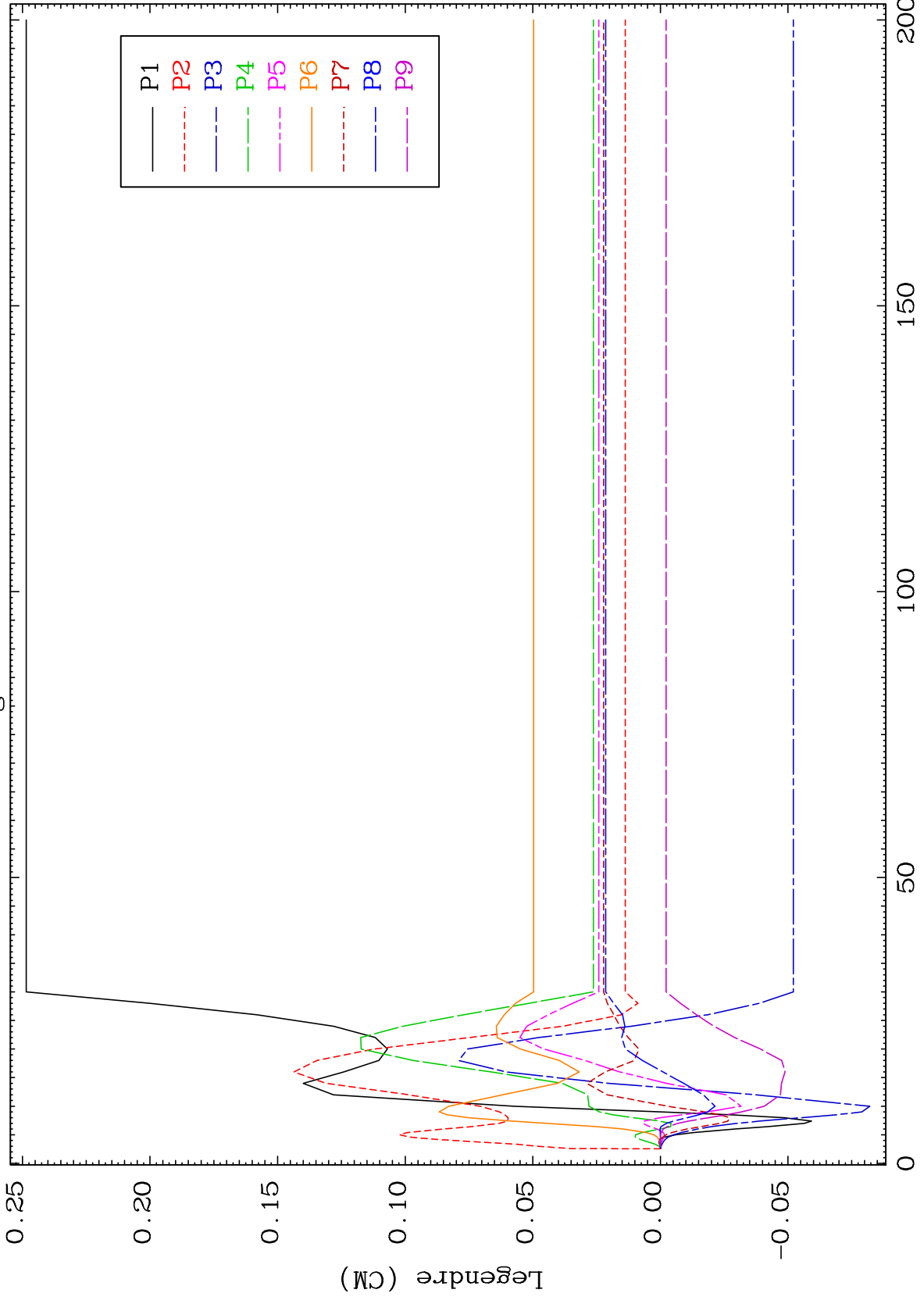
44-Ru-100



118

44-Ru-100

MAT 4437 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-100



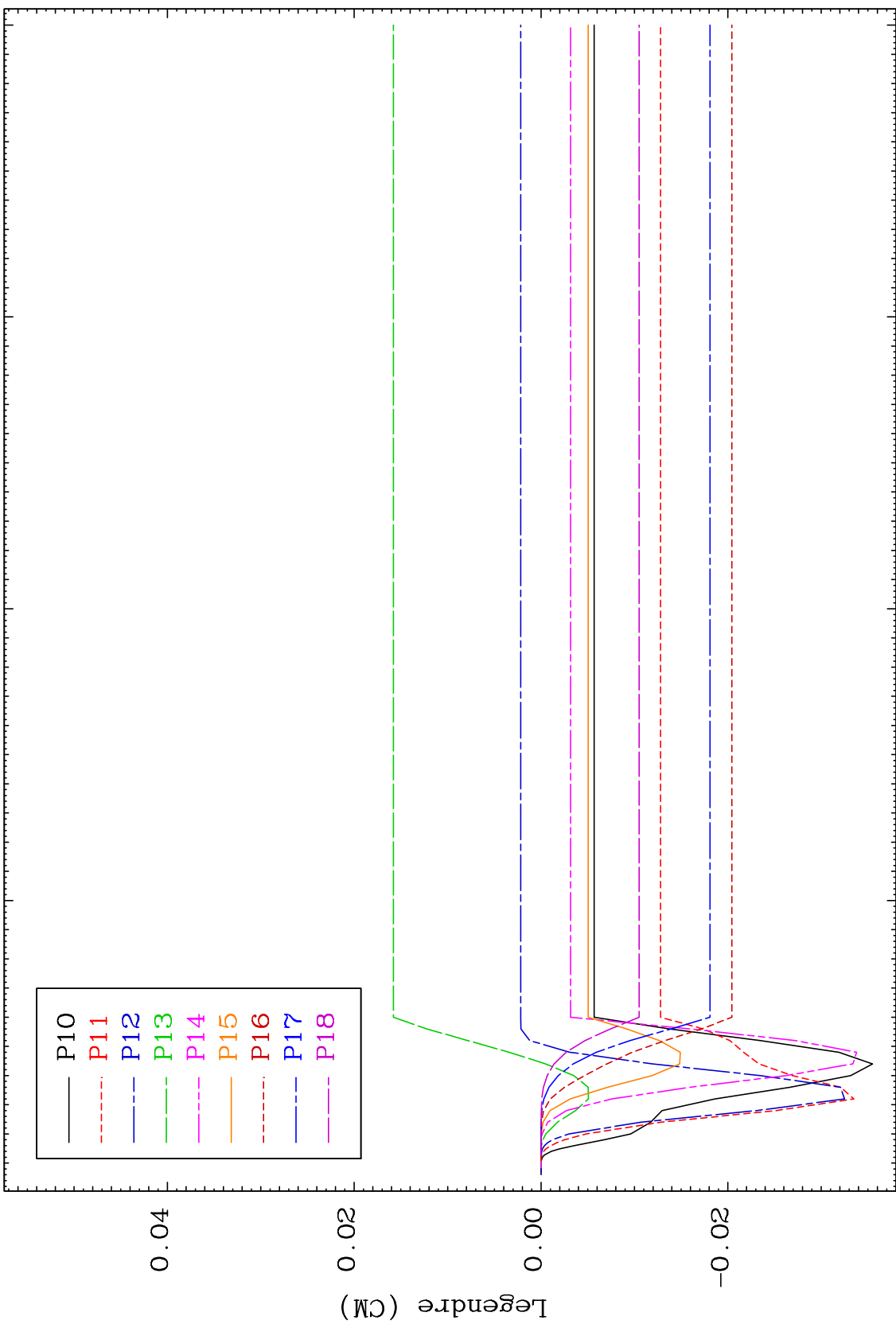
119 44-Ru-100



MAT 4437

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

44-Ru-100



120

Incident Energy (MeV)

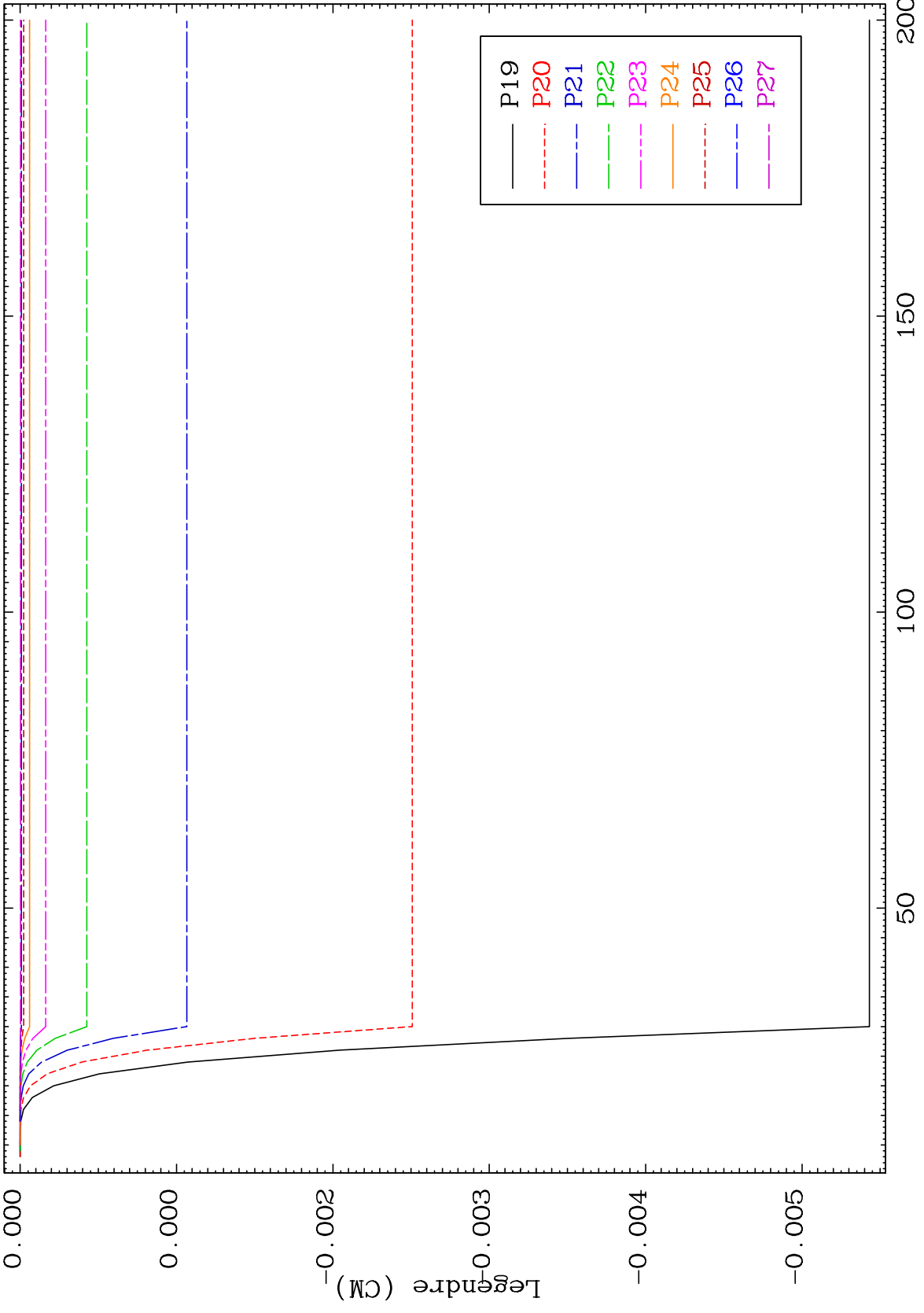
50

150

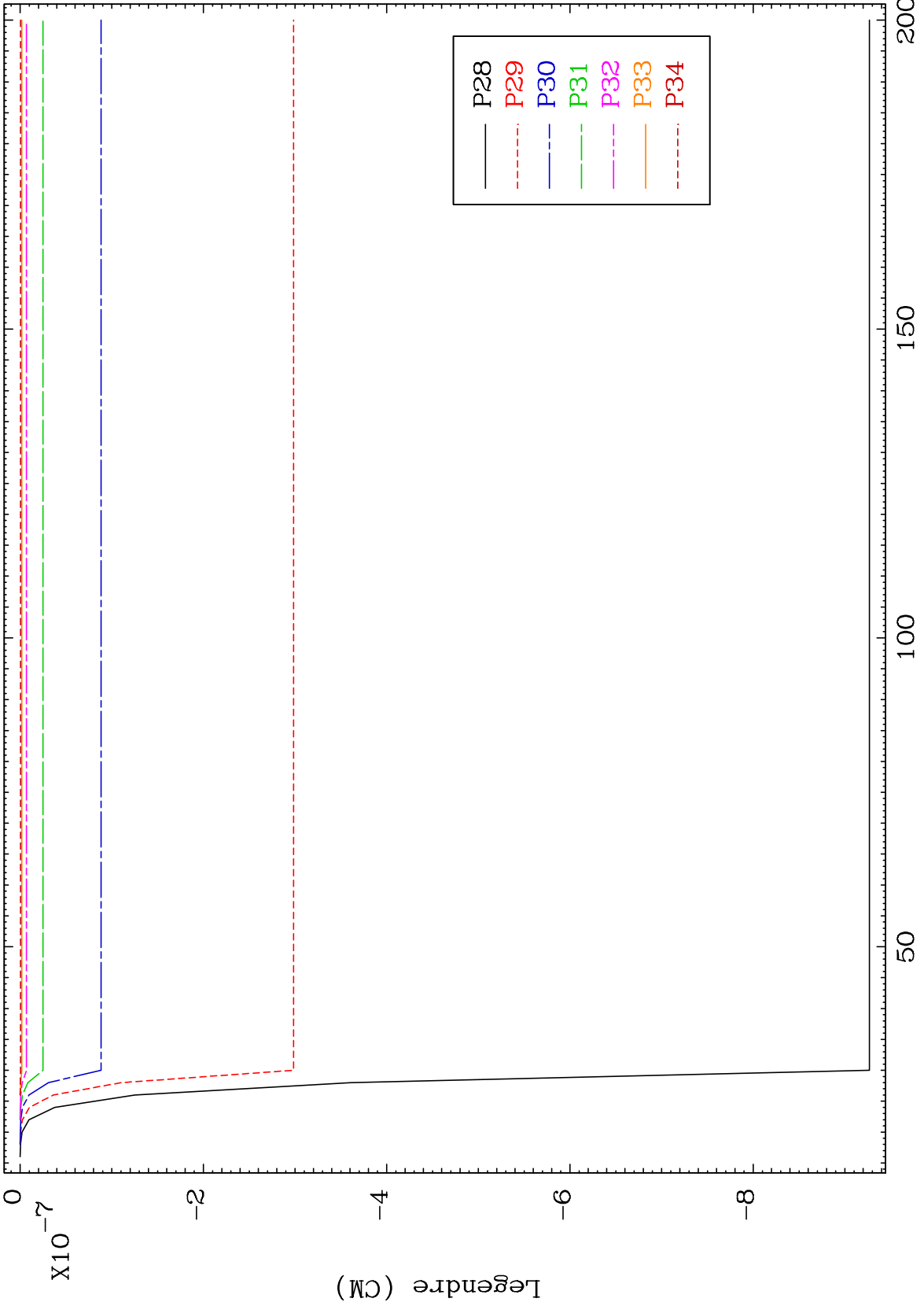
200

44-Ru-100

MAT 4437 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-100



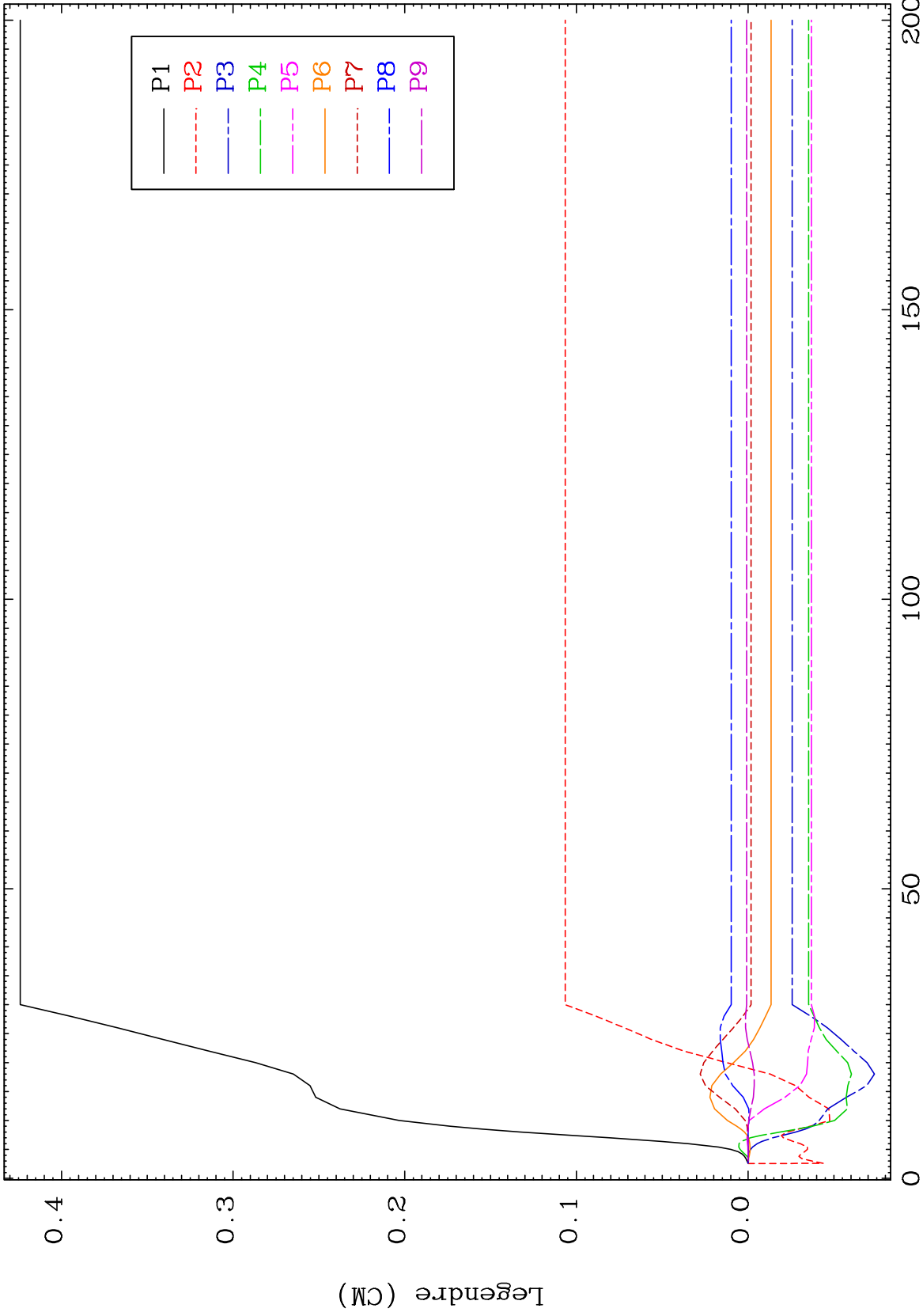
MAT 4437 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437

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

44-Ru-100



123

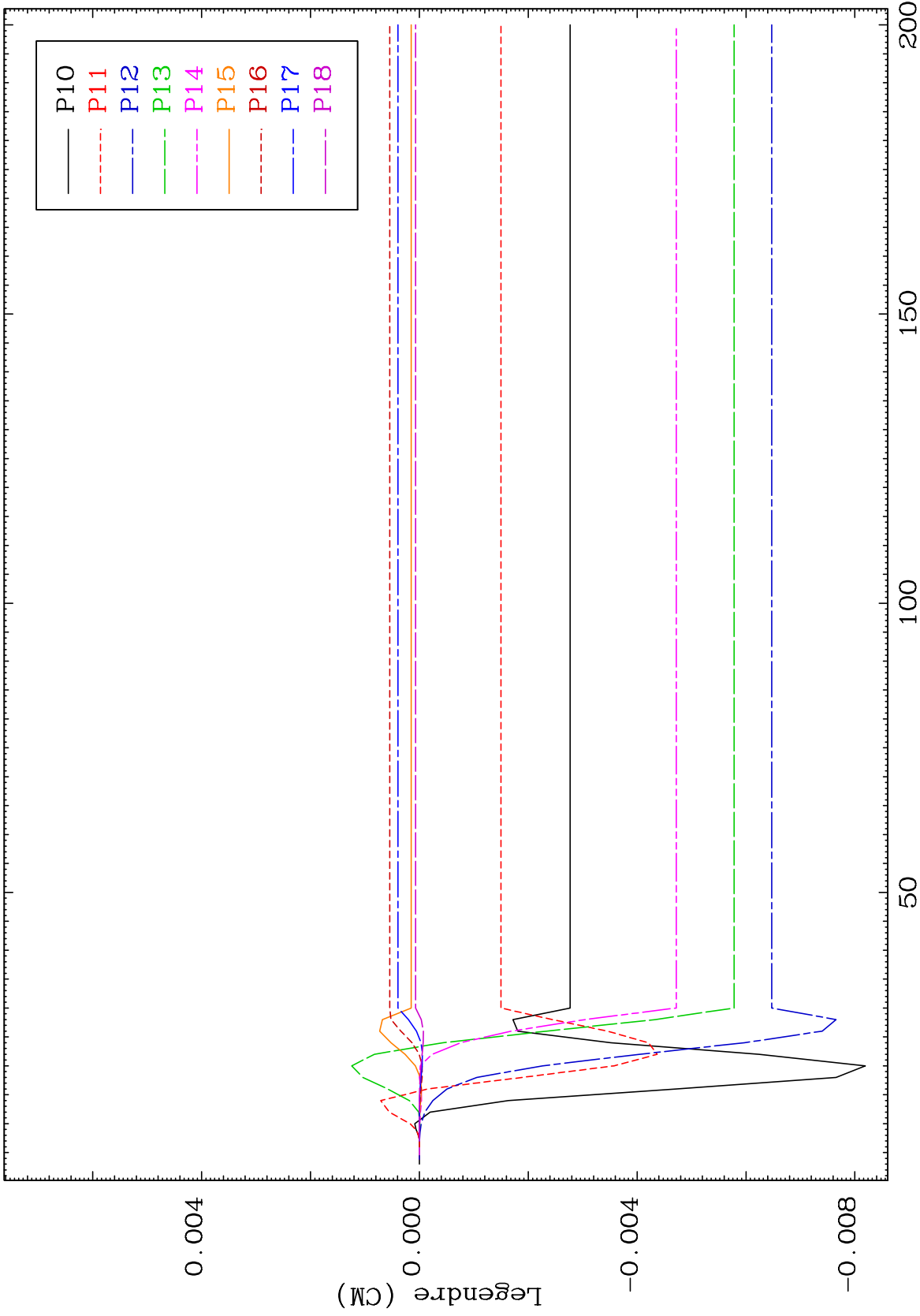
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



124

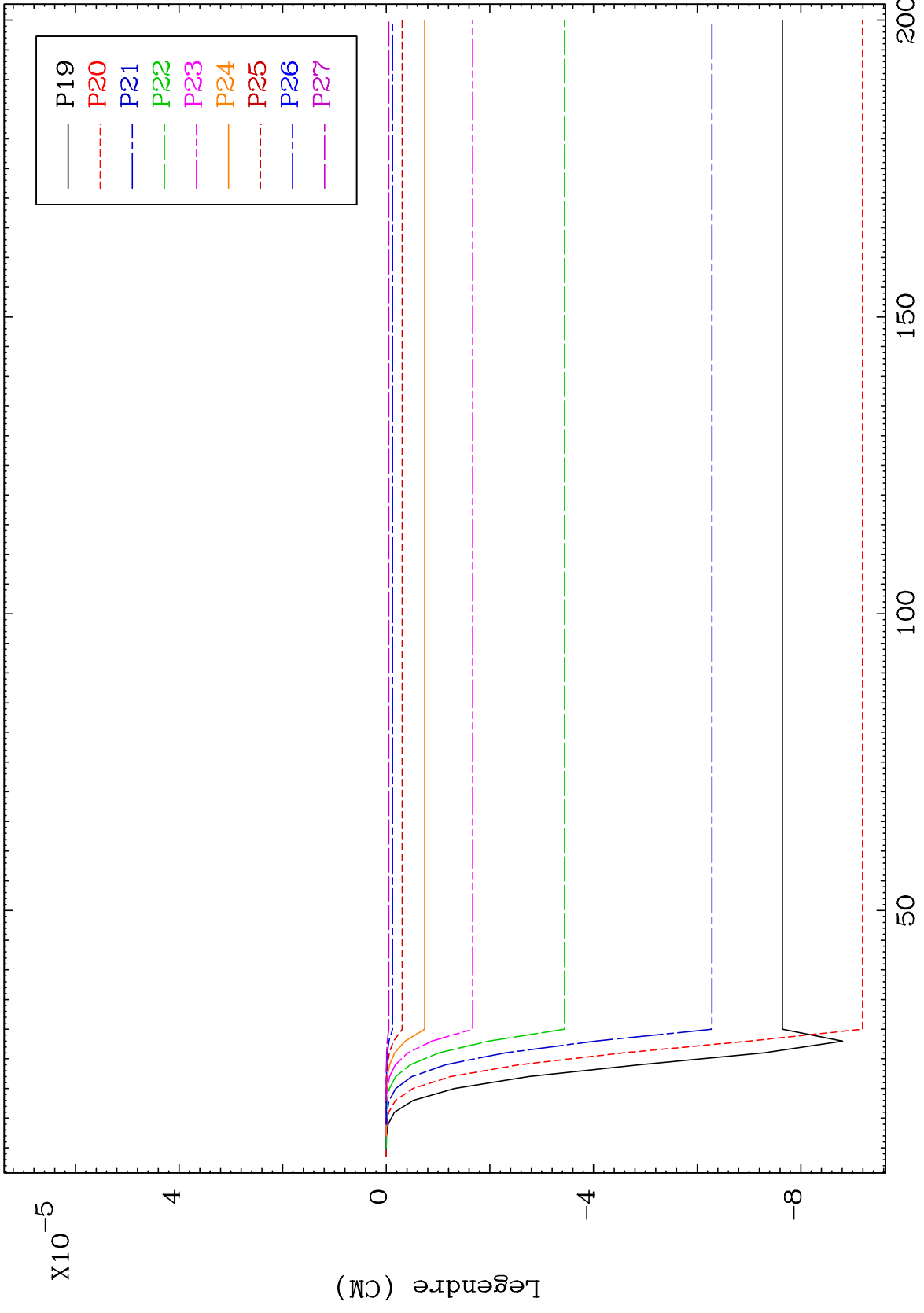
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

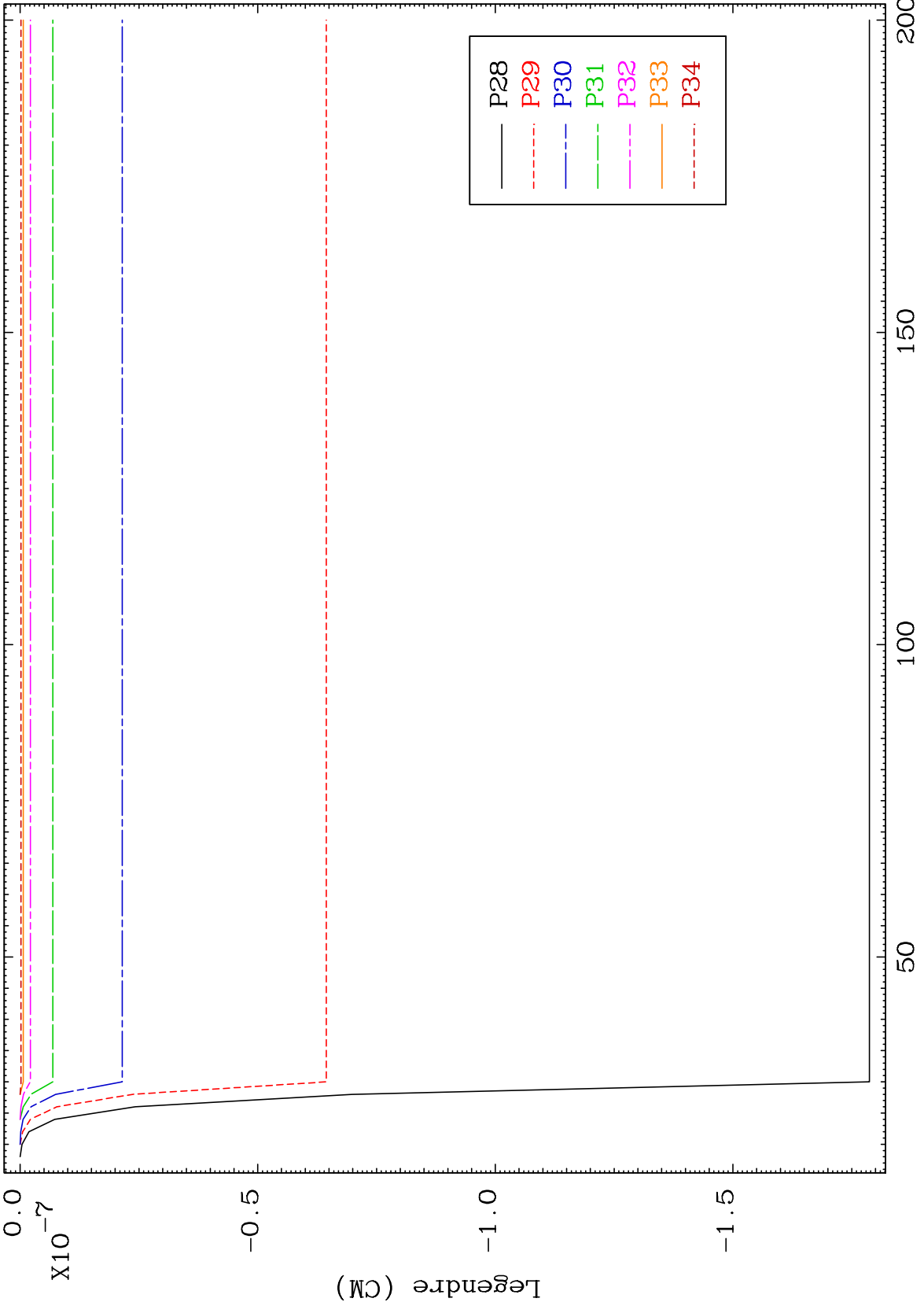


125

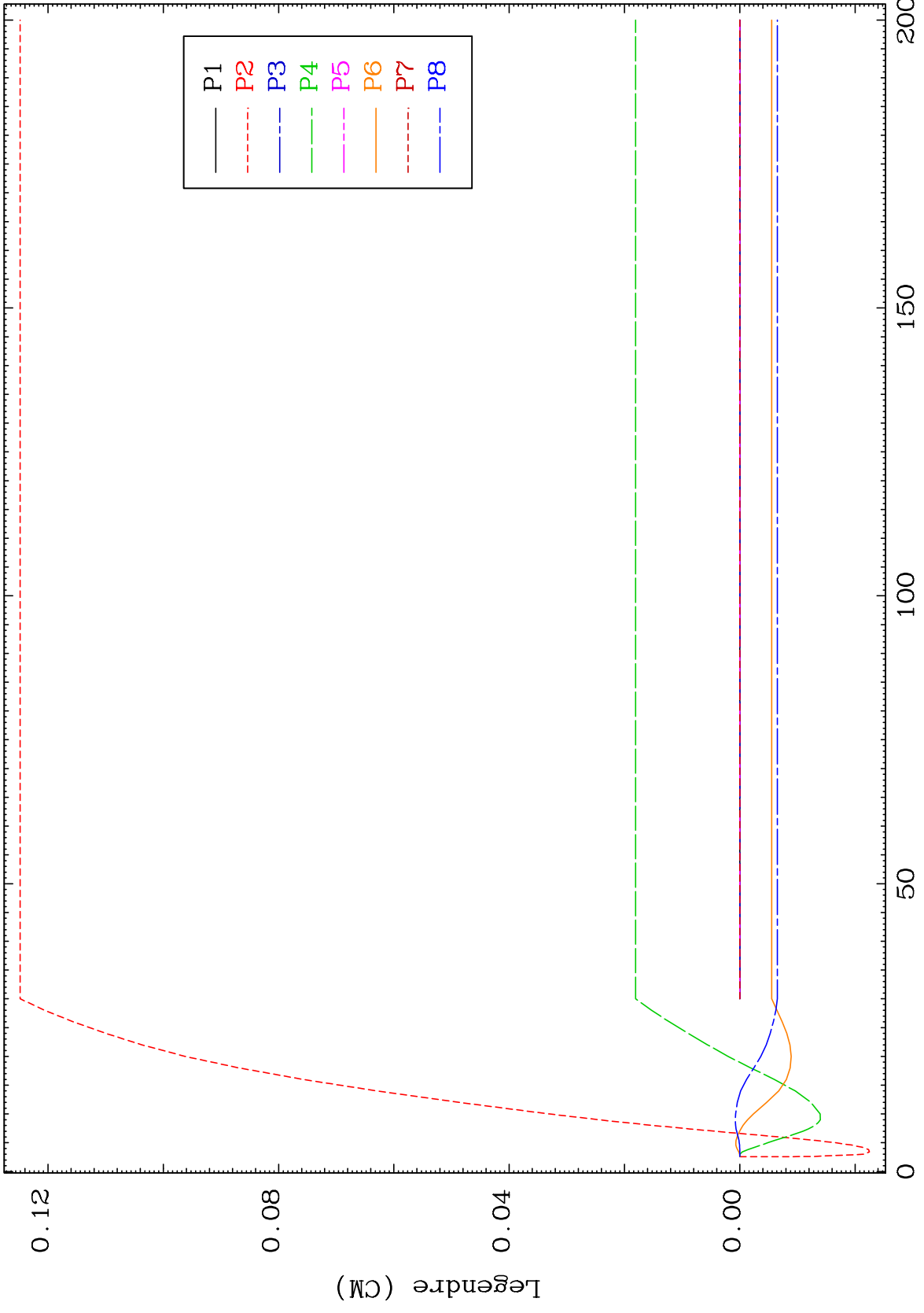
Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-100



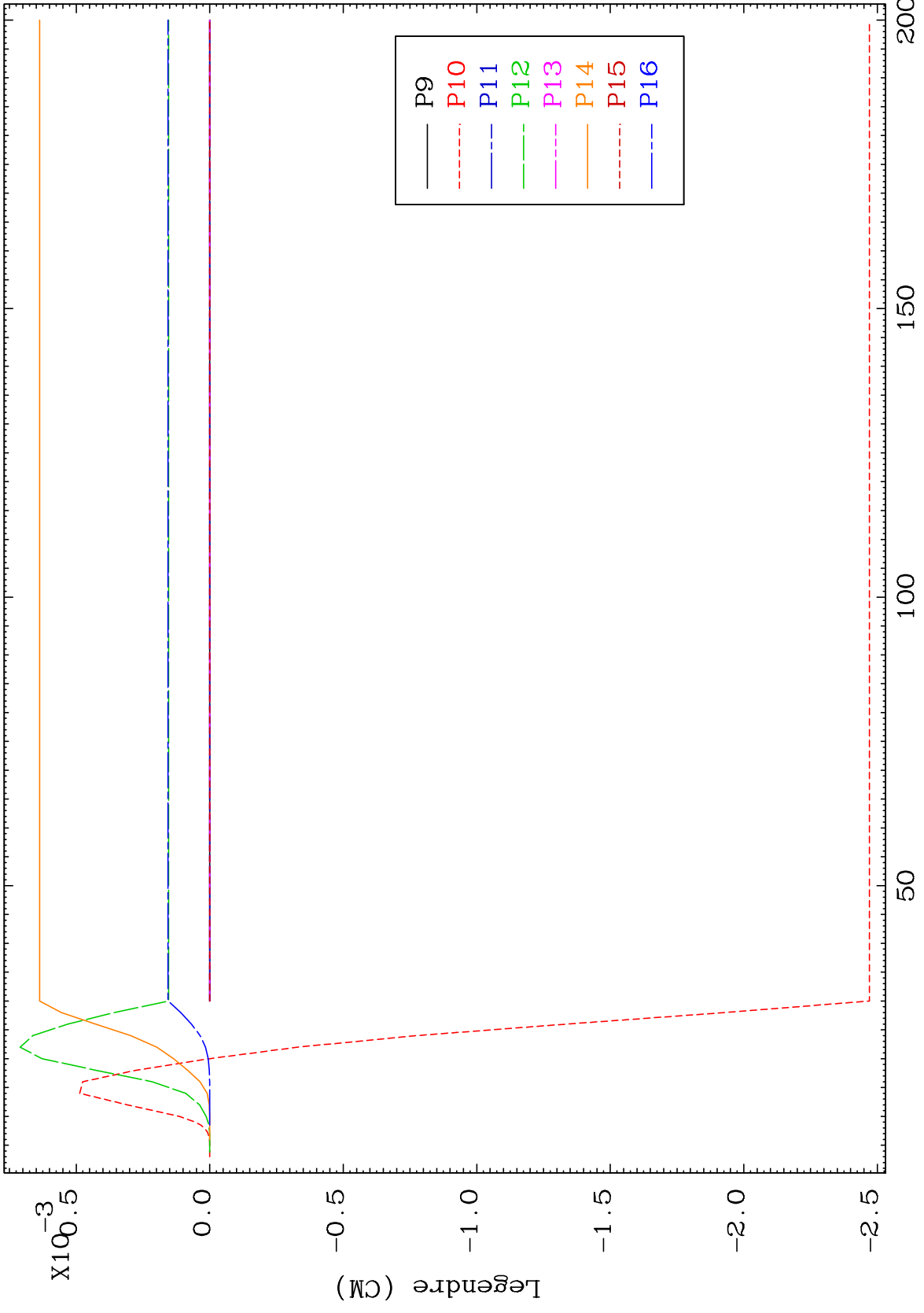
127 44-Ru-100



MAT 4437

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

44-Ru-100

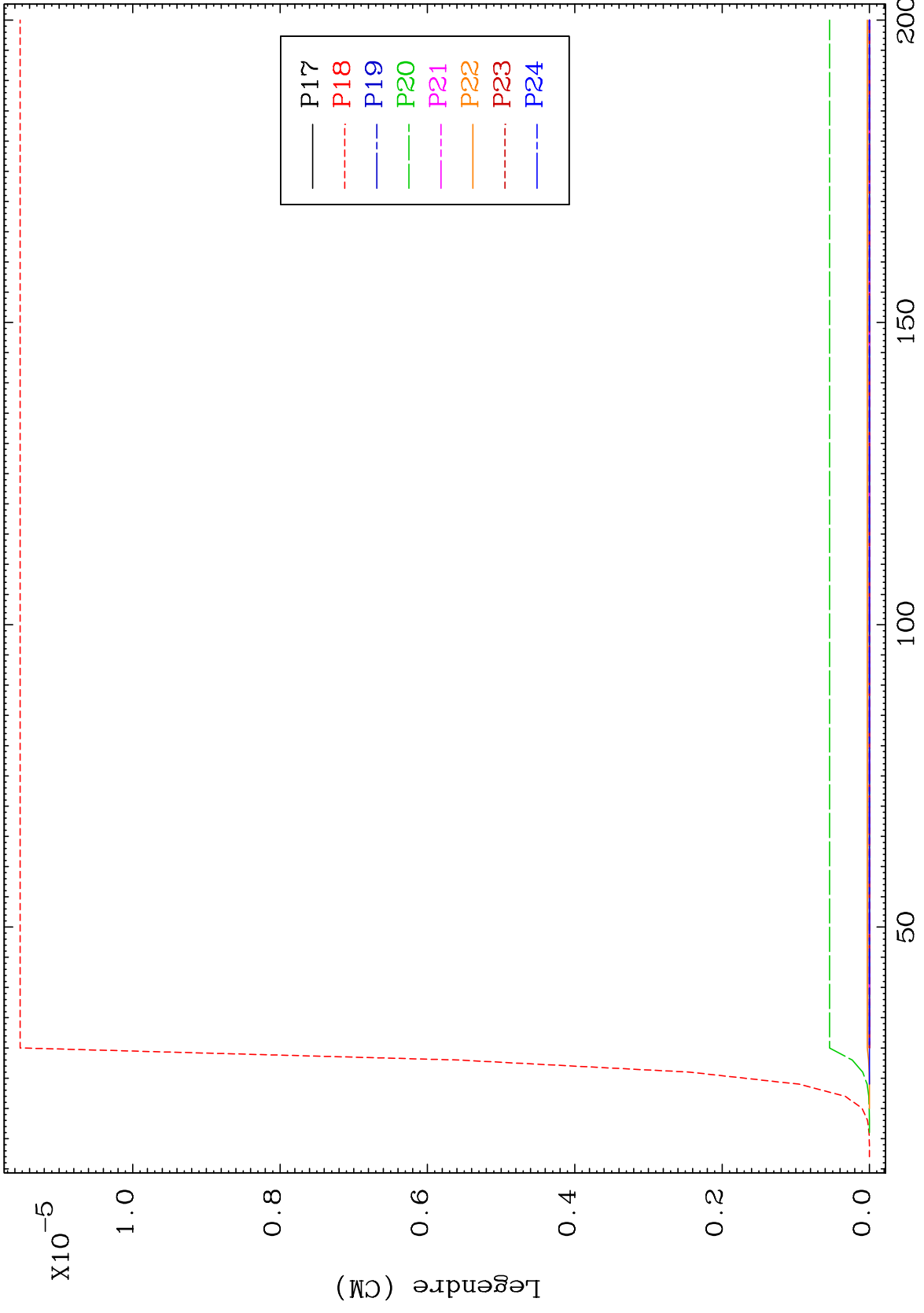


128

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-100



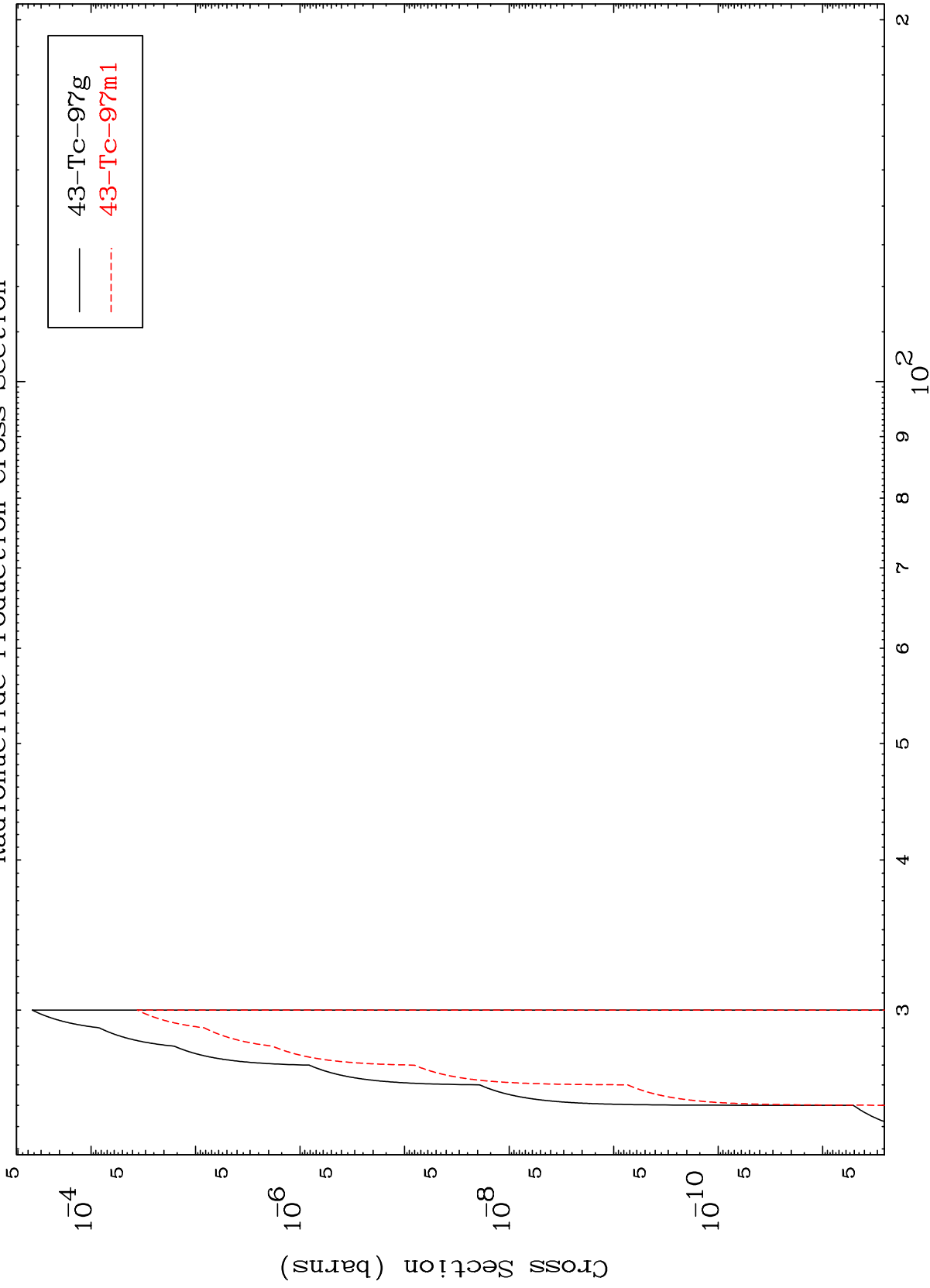
129 44-Ru-100

MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



130

Incident Energy (MeV)

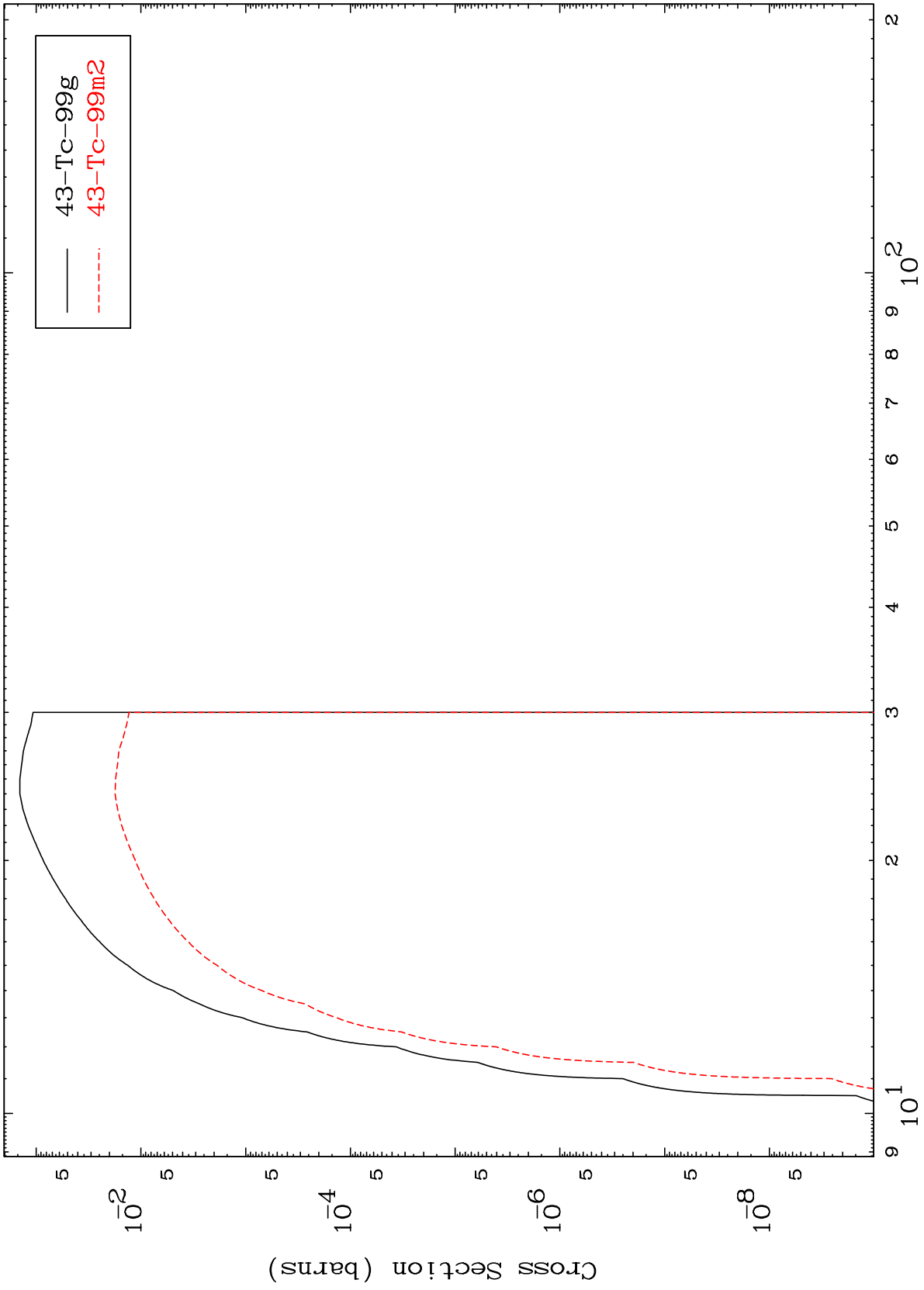
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section



131

Incident Energy (MeV)

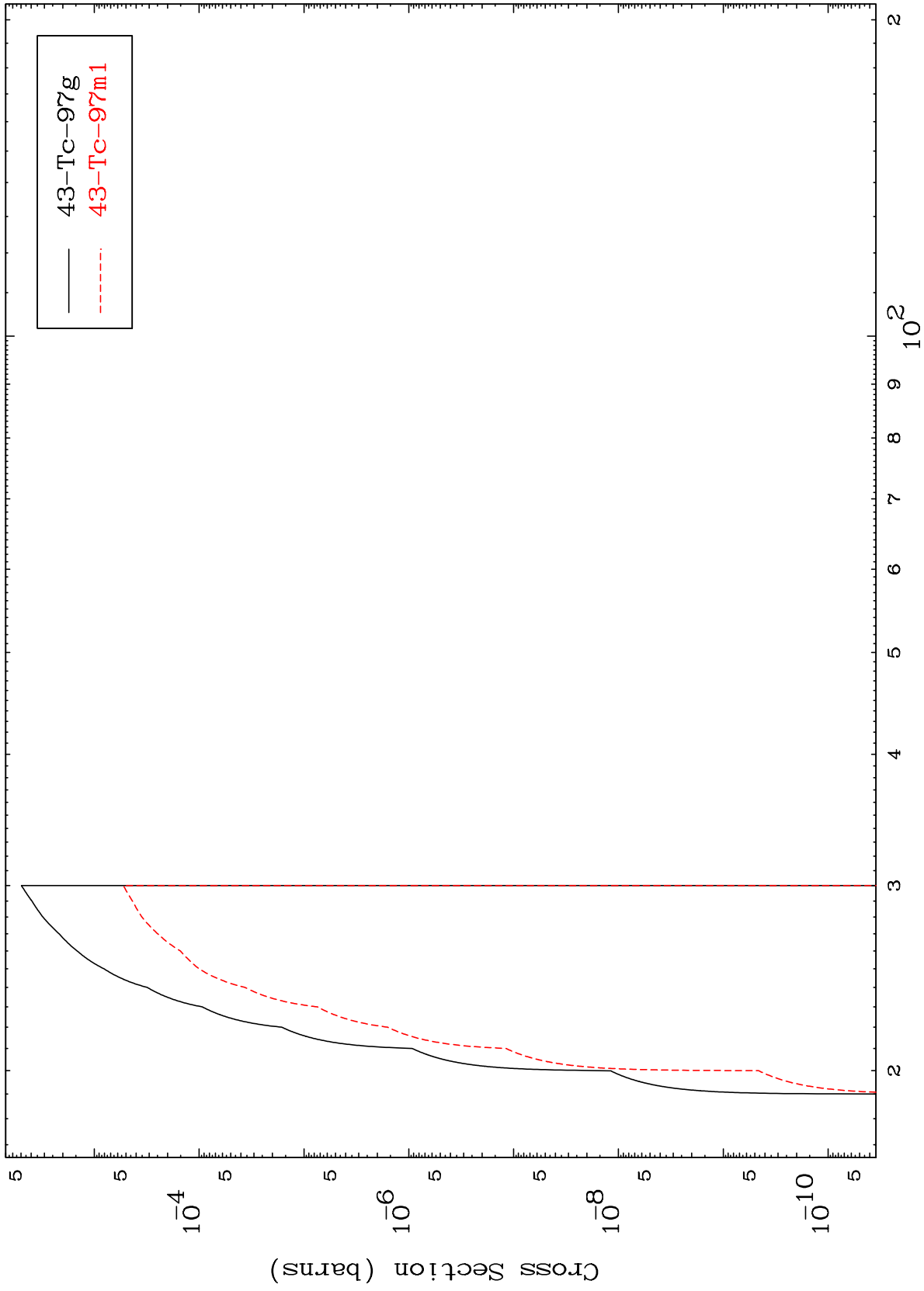
44-Ru-100

MAT 4437

(n,n') t

44-Ru-100

Radionuclide Production Cross Section



132

Incident Energy (MeV)

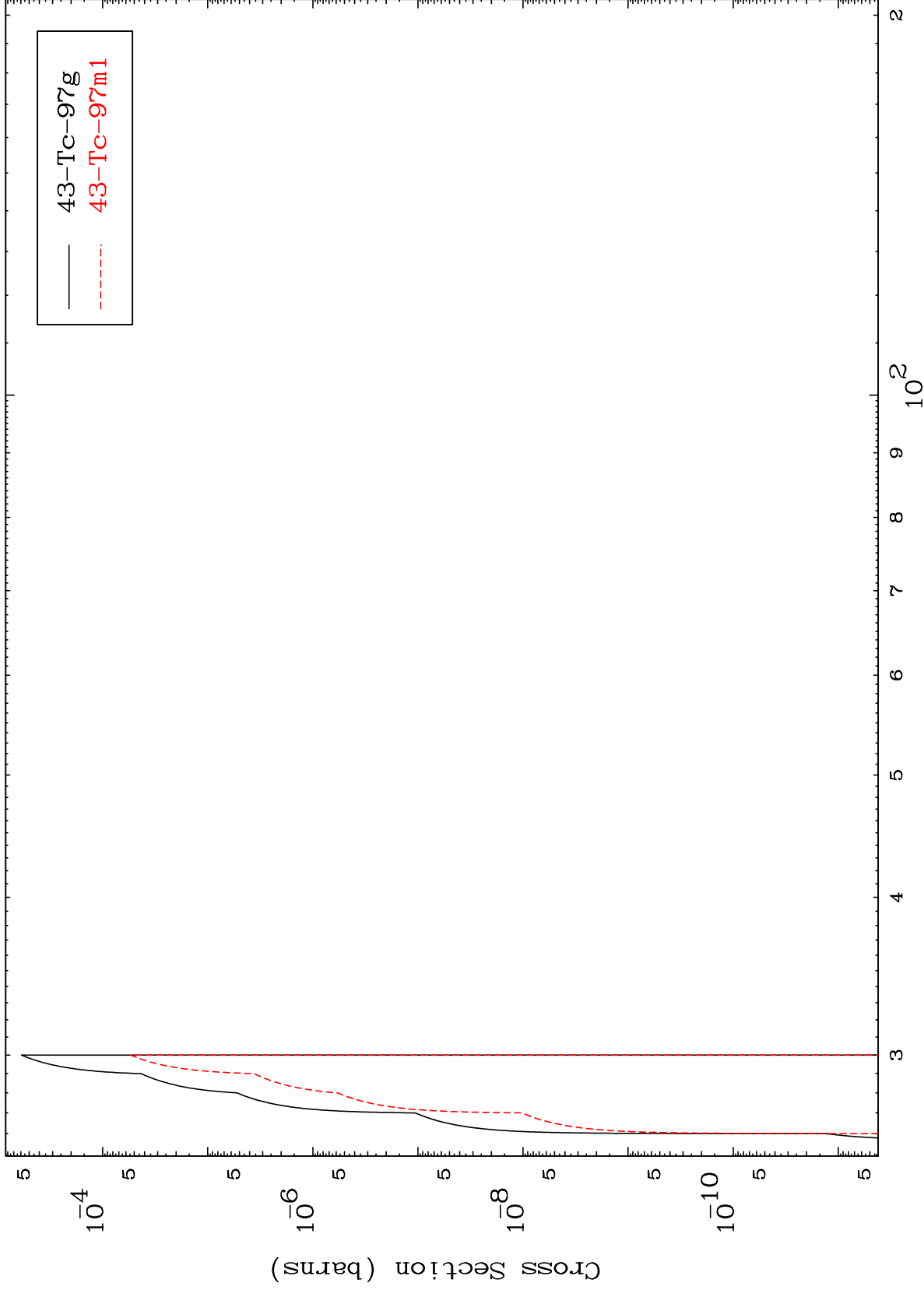
44-Ru-100

MAT 4437

(n,3n) p

44-Ru-100

Radionuclide Production Cross Section



133

Incident Energy (MeV)

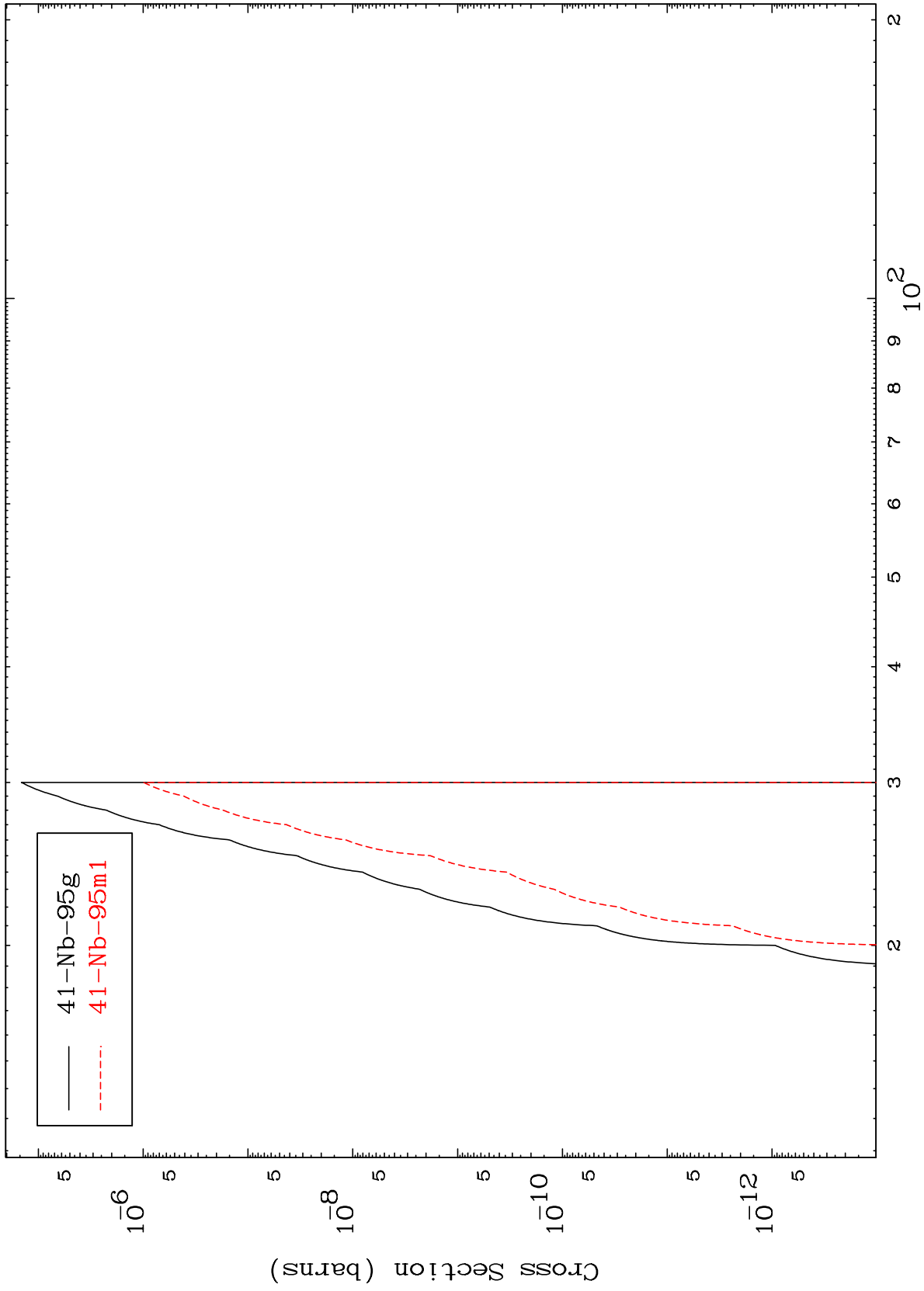
44-Ru-100

MAT 4437

(n,n') p  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



134

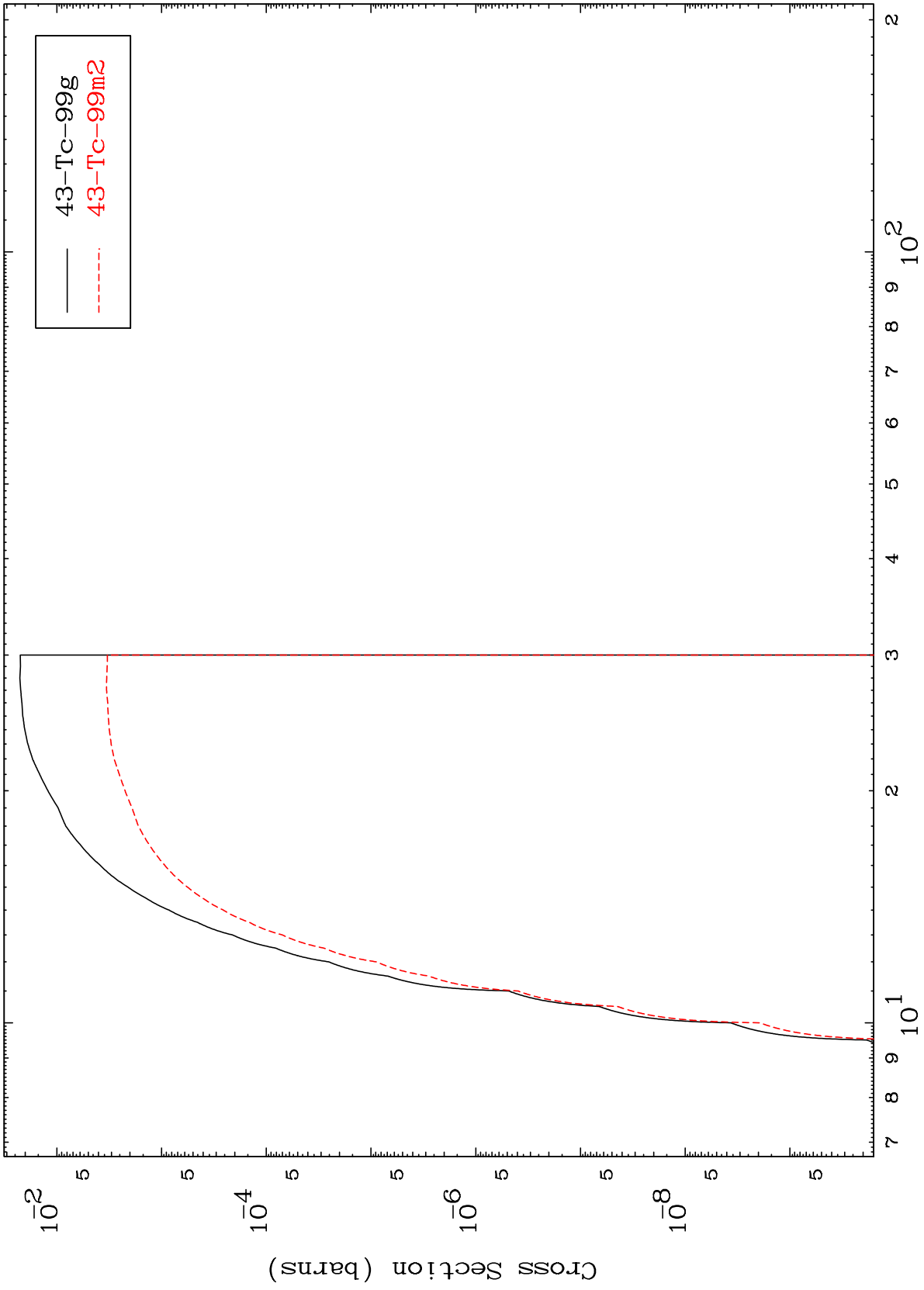
44-Ru-100

MAT 4437

(n,d)

44-Ru-100

Radionuclide Production Cross Section



135

Incident Energy (MeV)

44-Ru-100

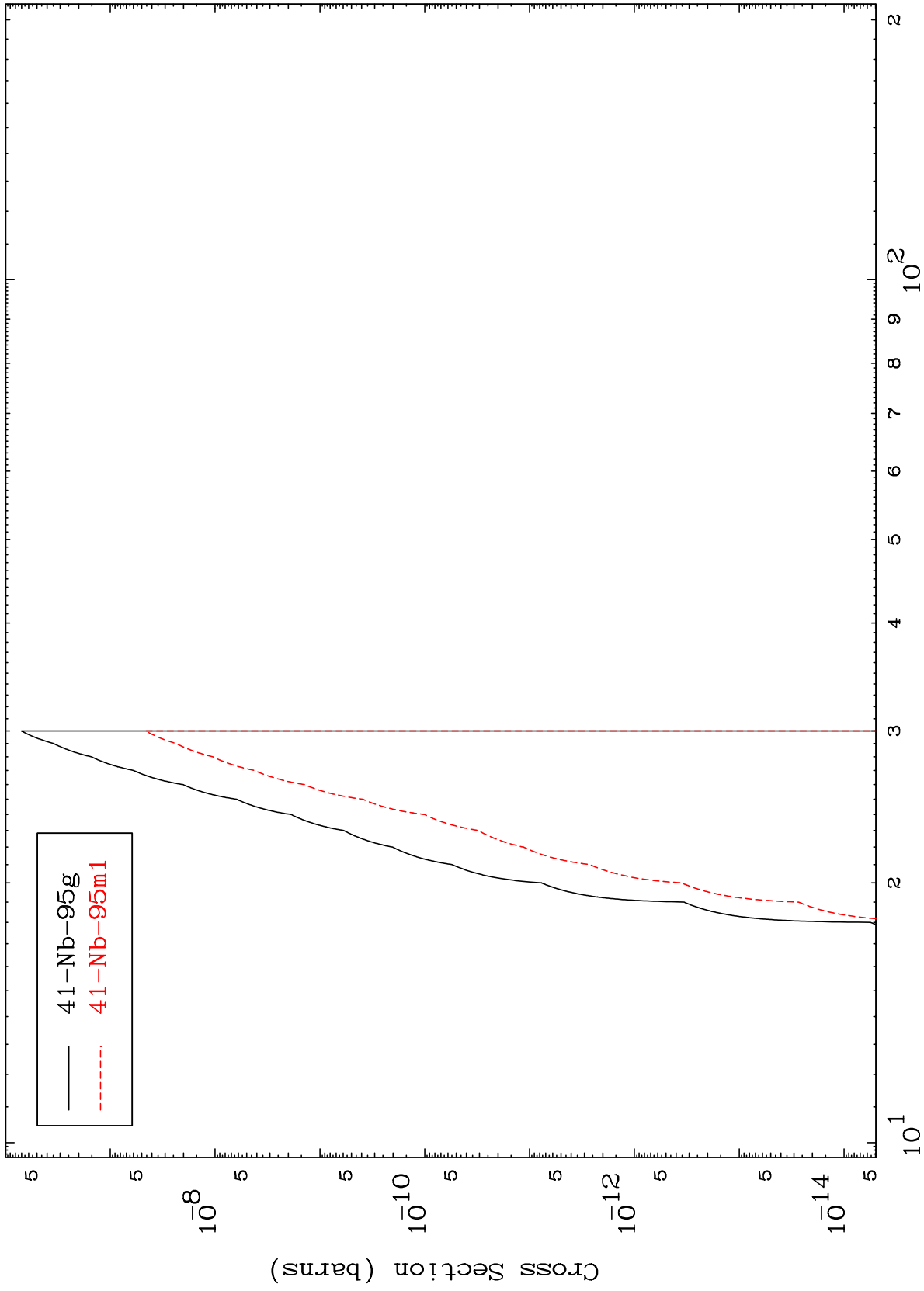


MAT 4437

(n,d)  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



136

Incident Energy (MeV)

44-Ru-100