

Program EVALPLOT
(Version 2021-1)

by

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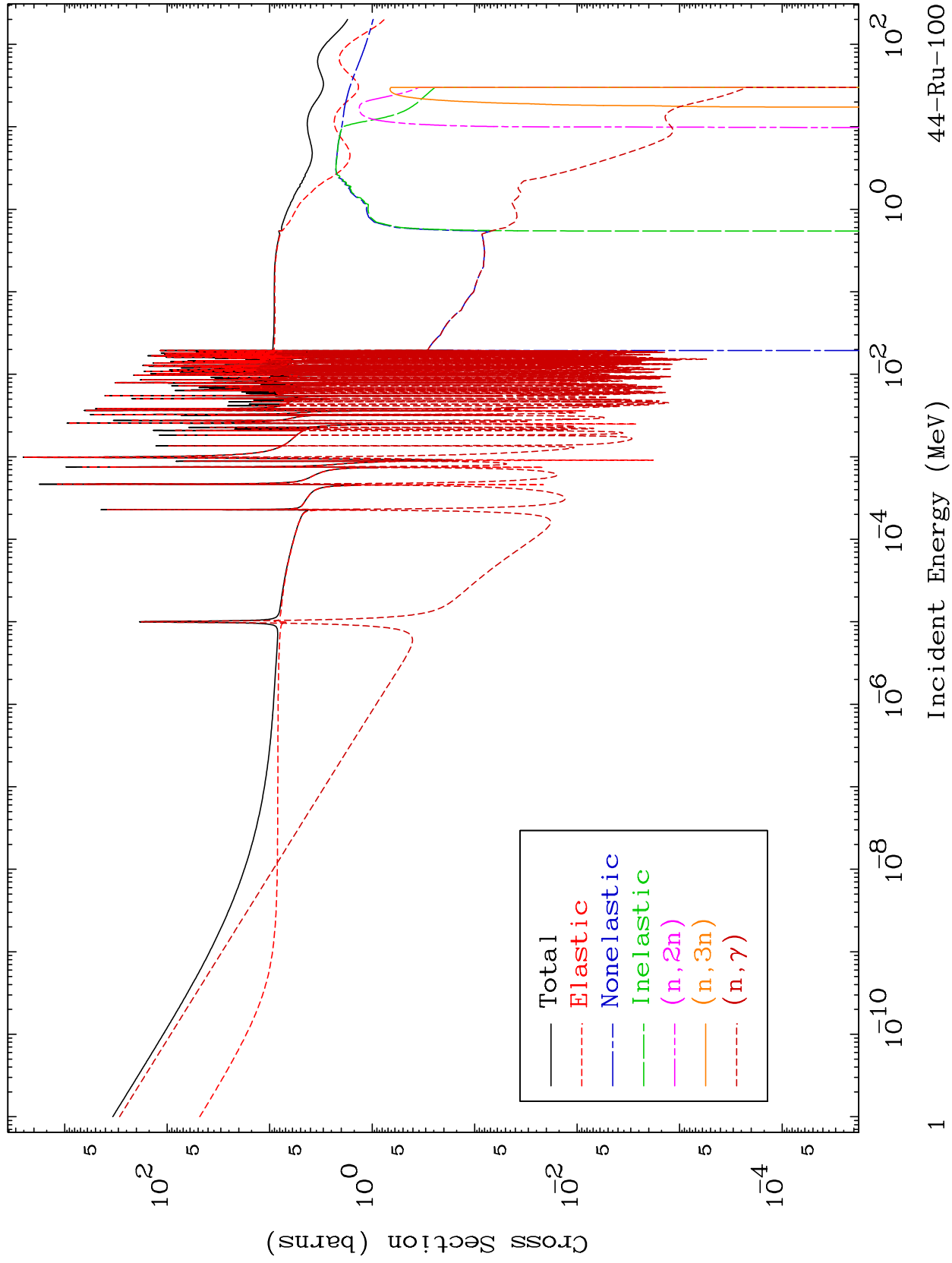
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4437

Neutron Major
293 Kelvin Cross Sections

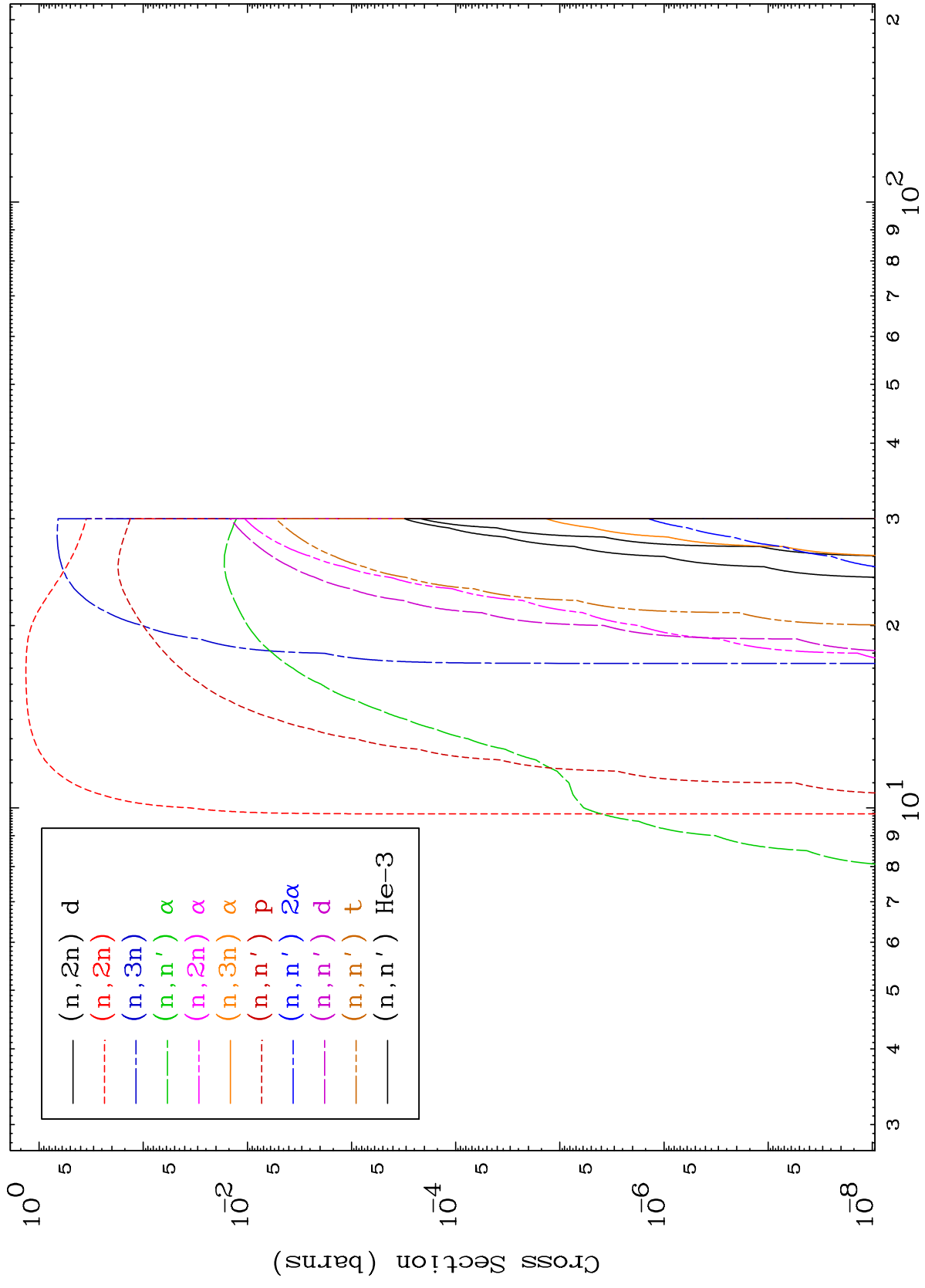
44-Ru-100



MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-100



2

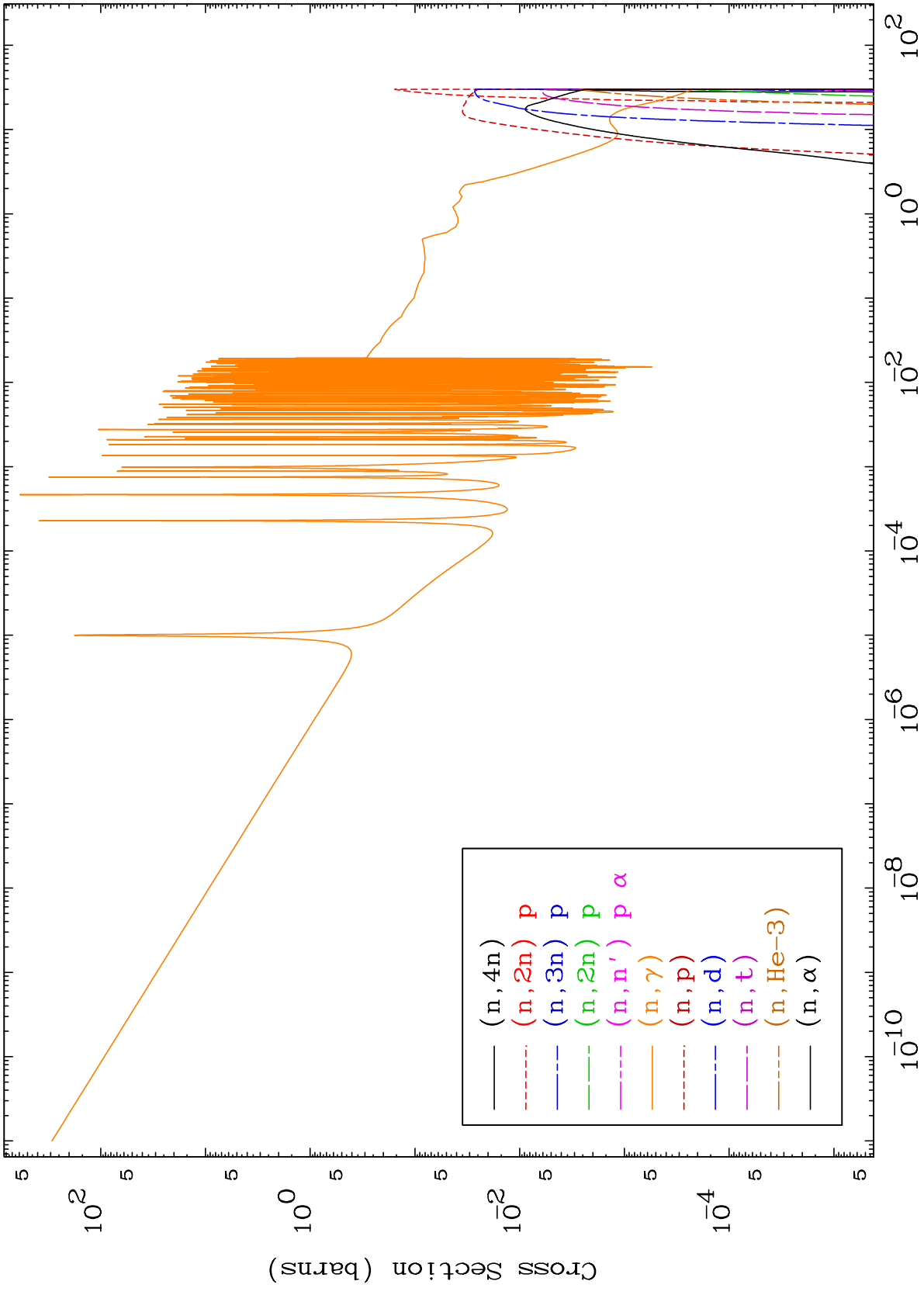
Incident Energy (MeV)

44-Ru-100

MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

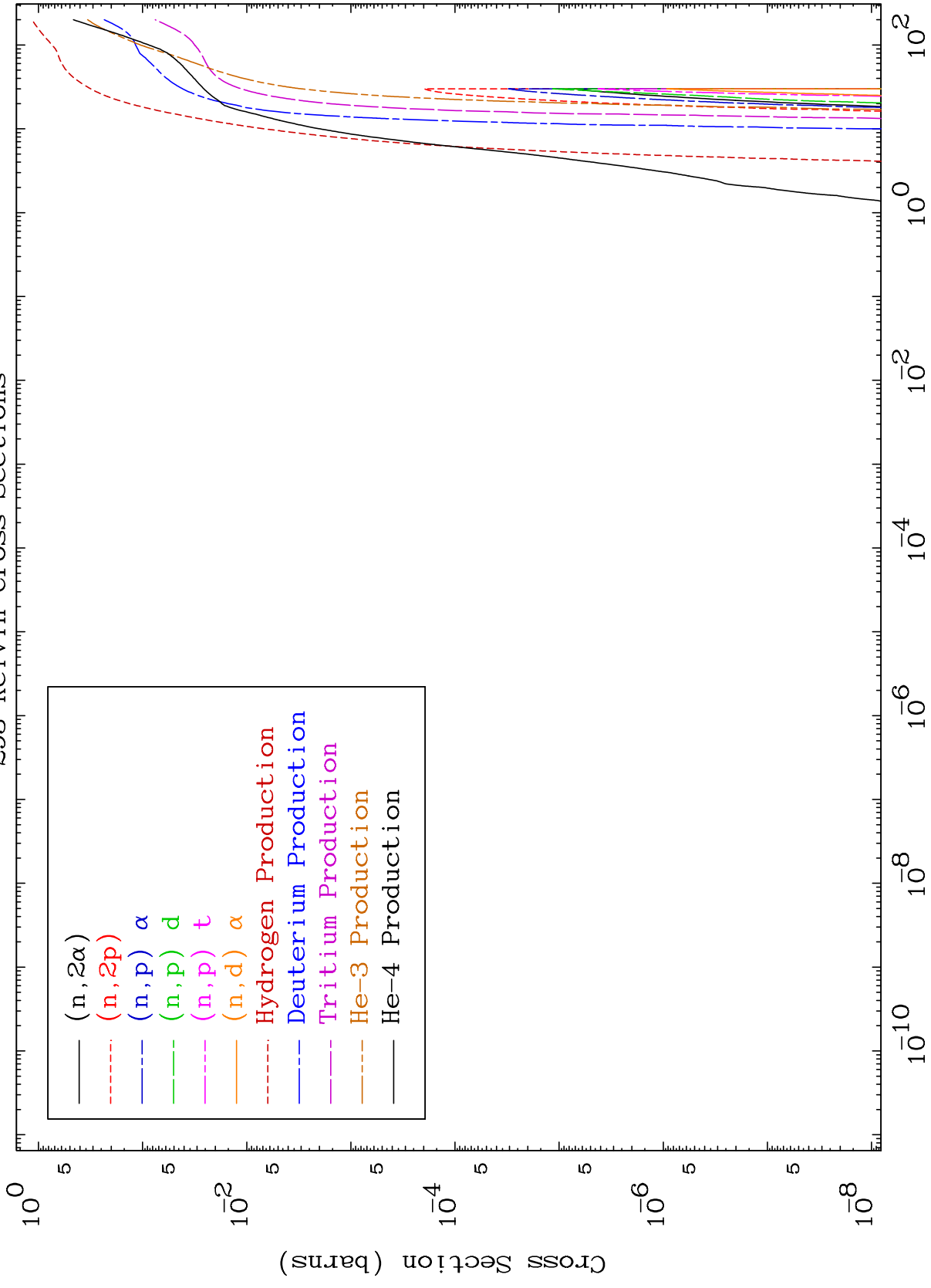
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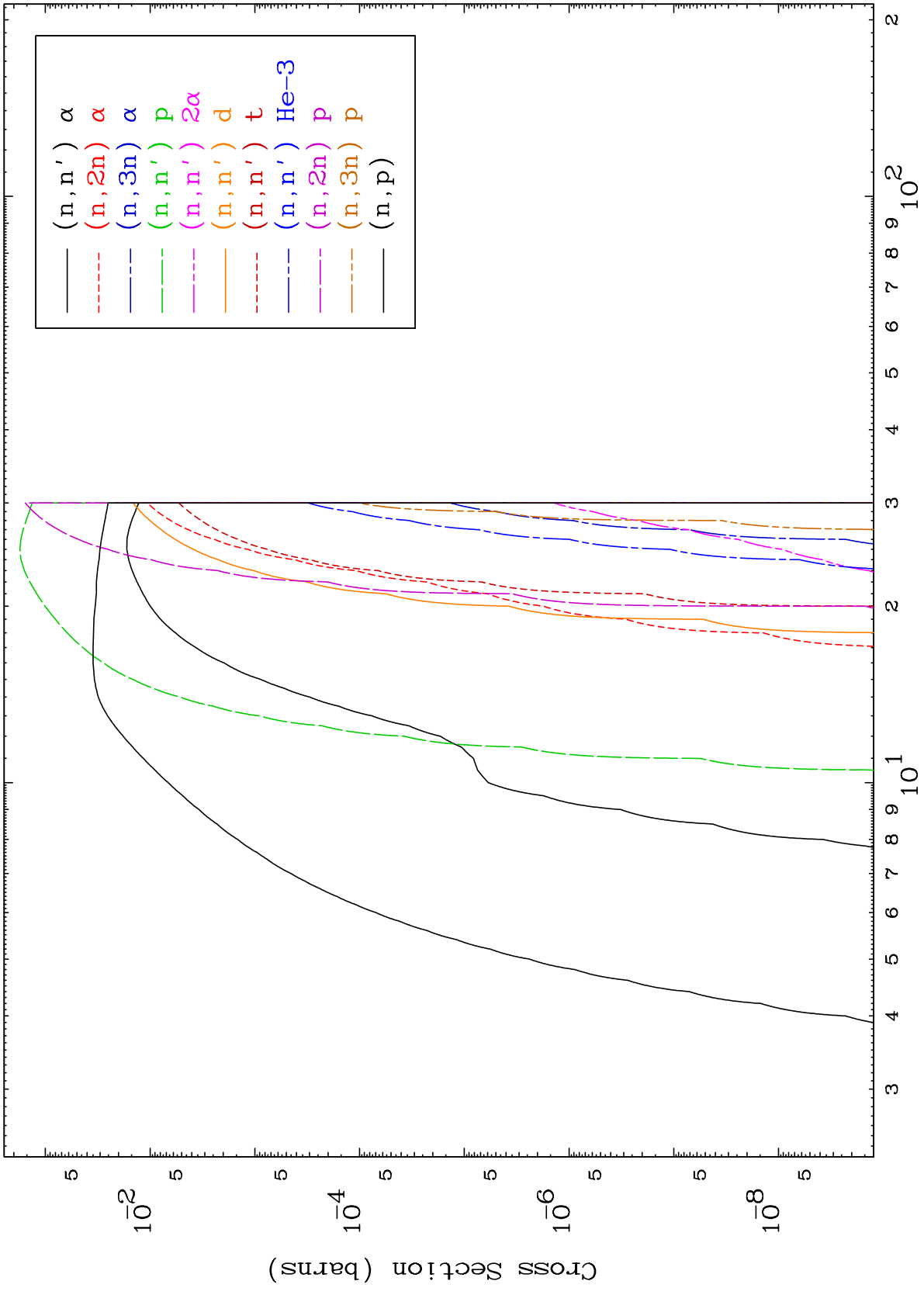


MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-100

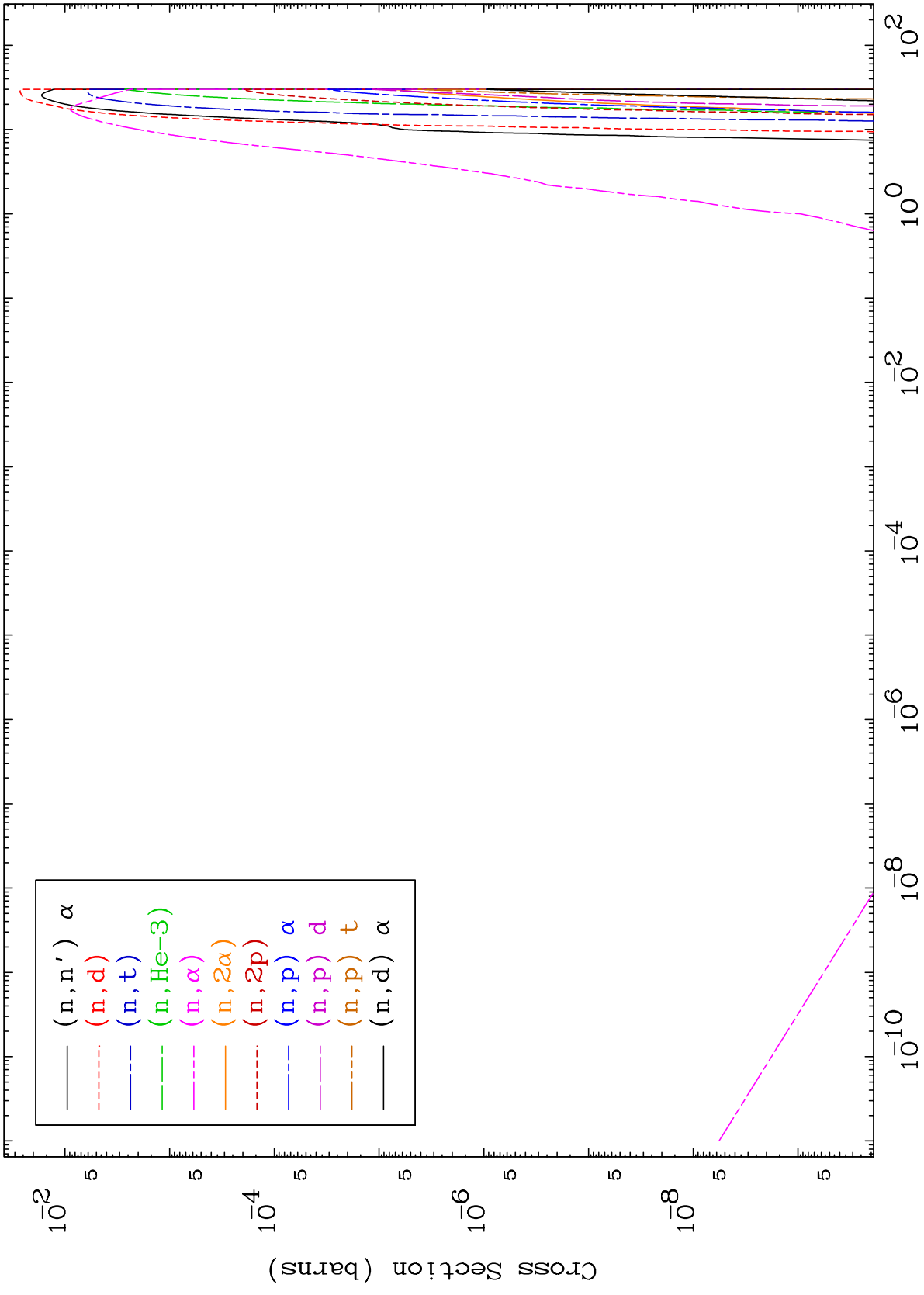




MAT 4437

293 Kelvin Cross Sections

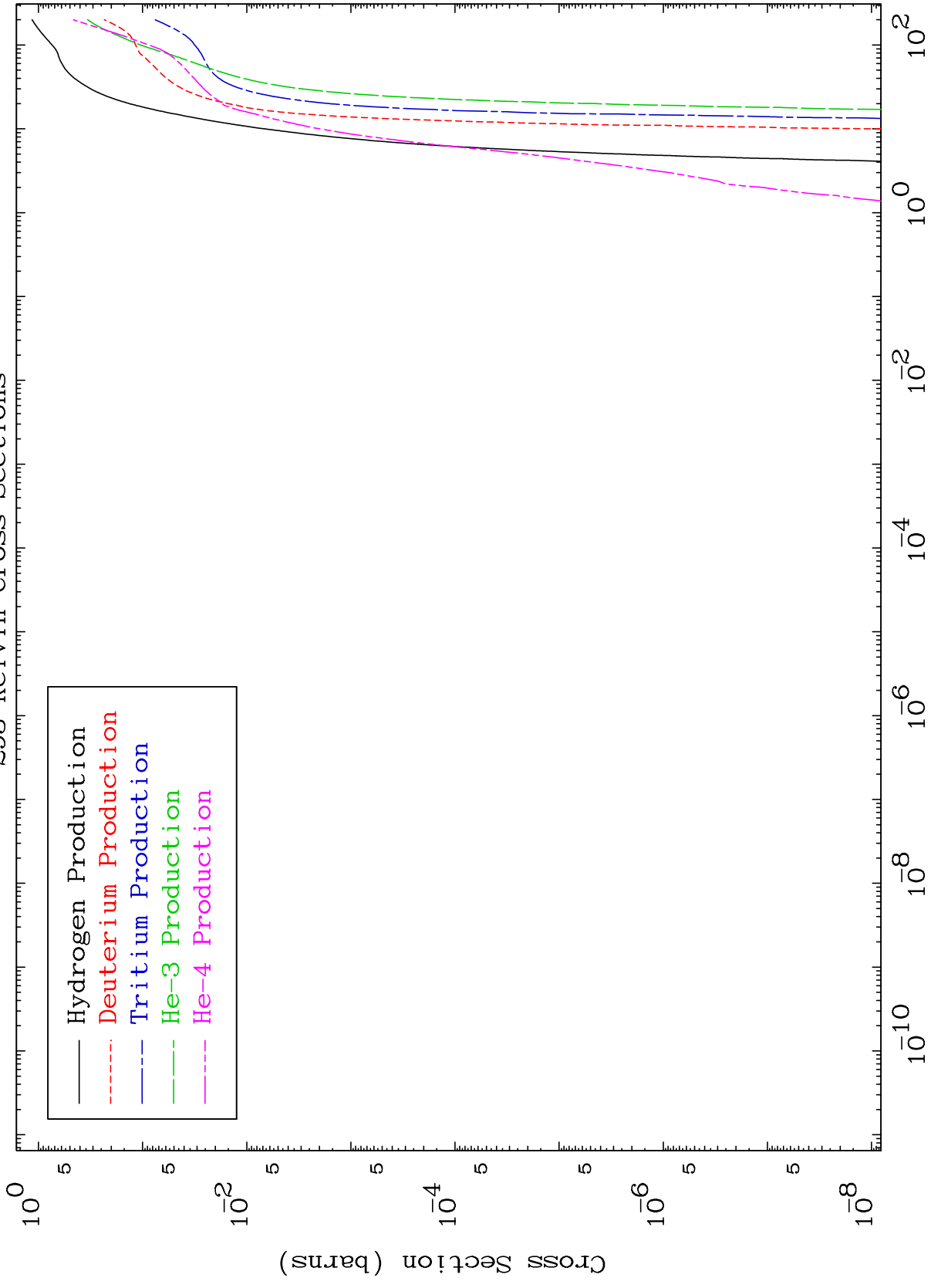
44-Ru-100



MAT 4437

Particle Production
293 Kelvin Cross Sections

44-Ru-100



7

Incident Energy (MeV)

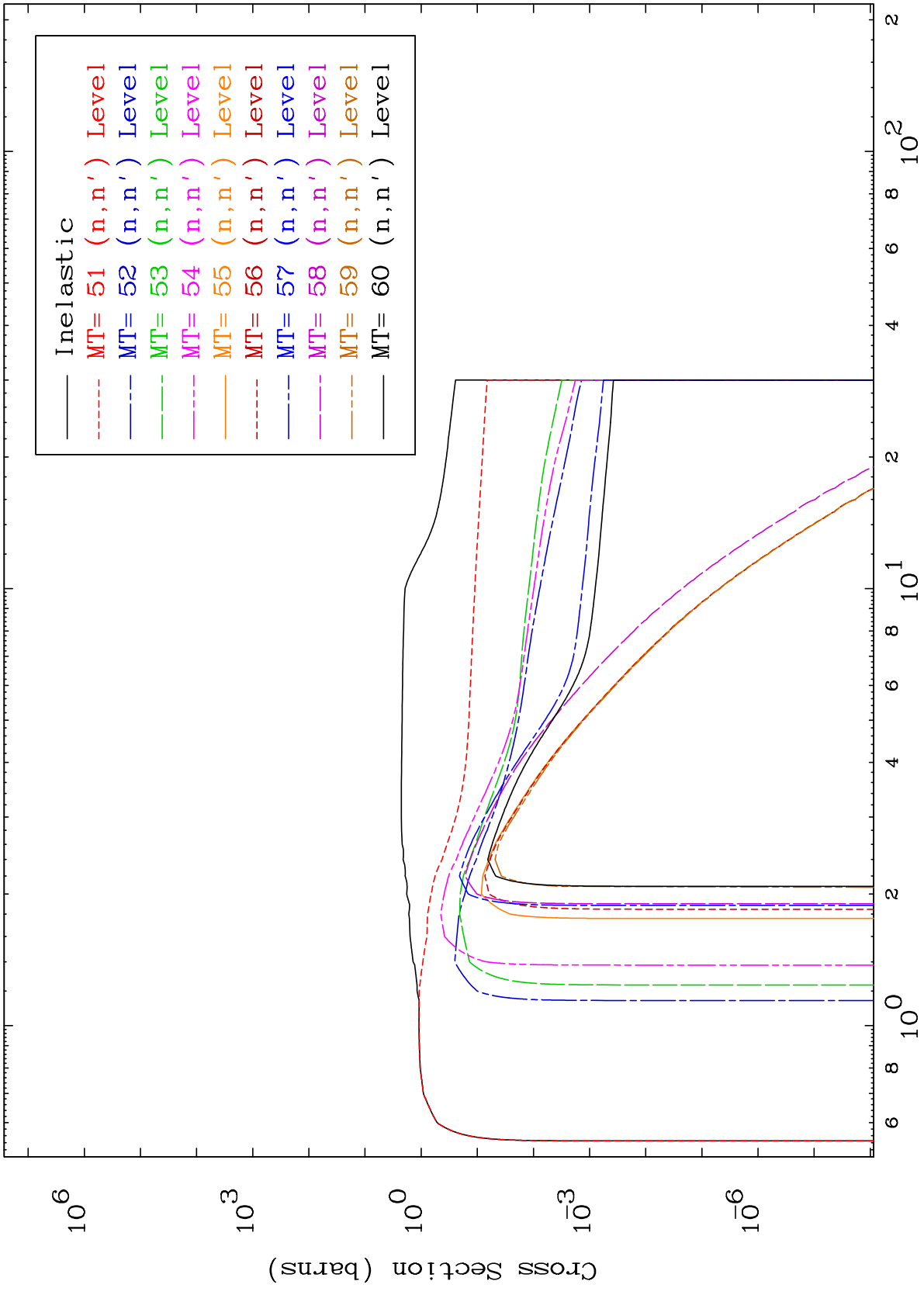
44-Ru-100

MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

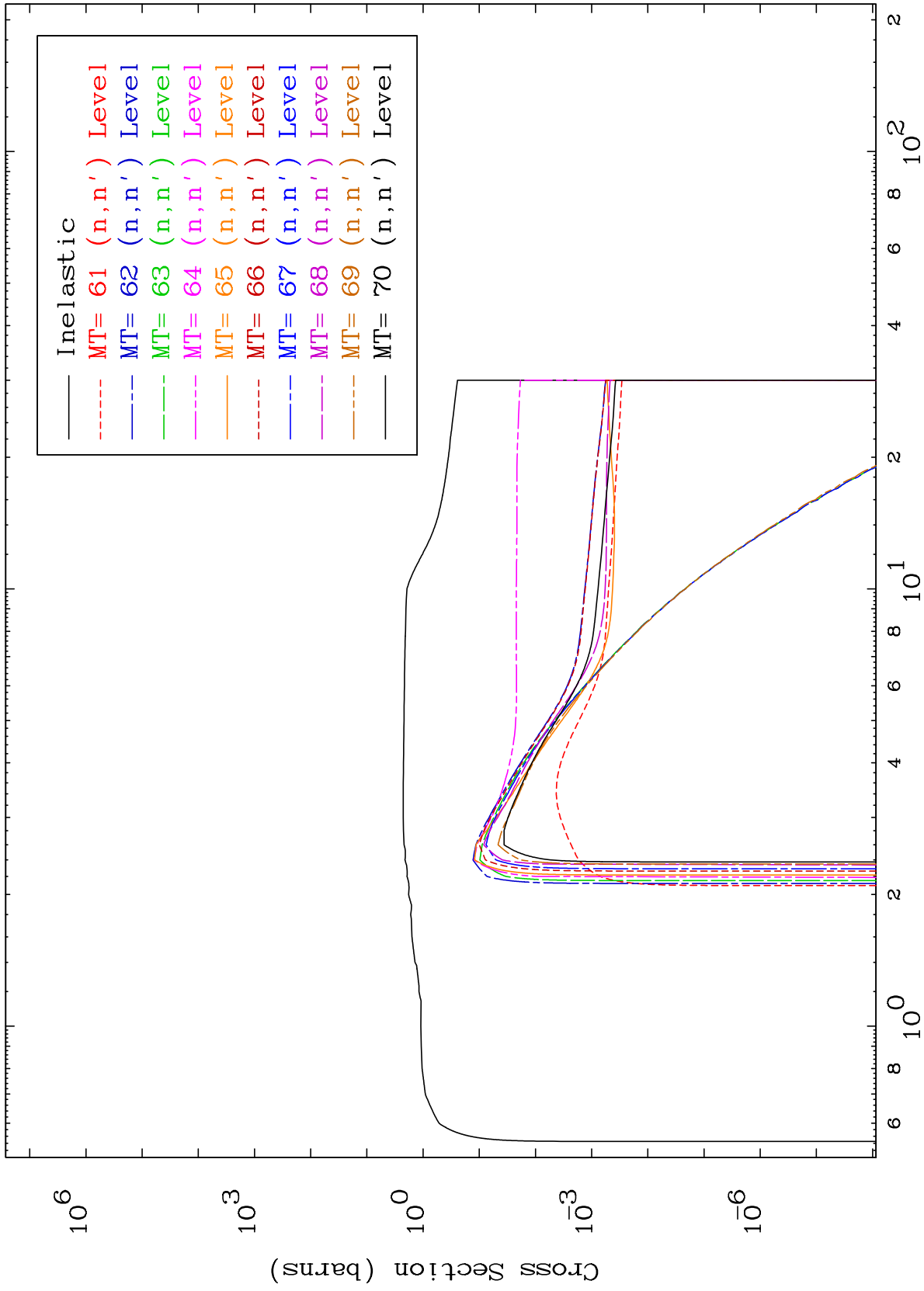
44-Ru-100

MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections

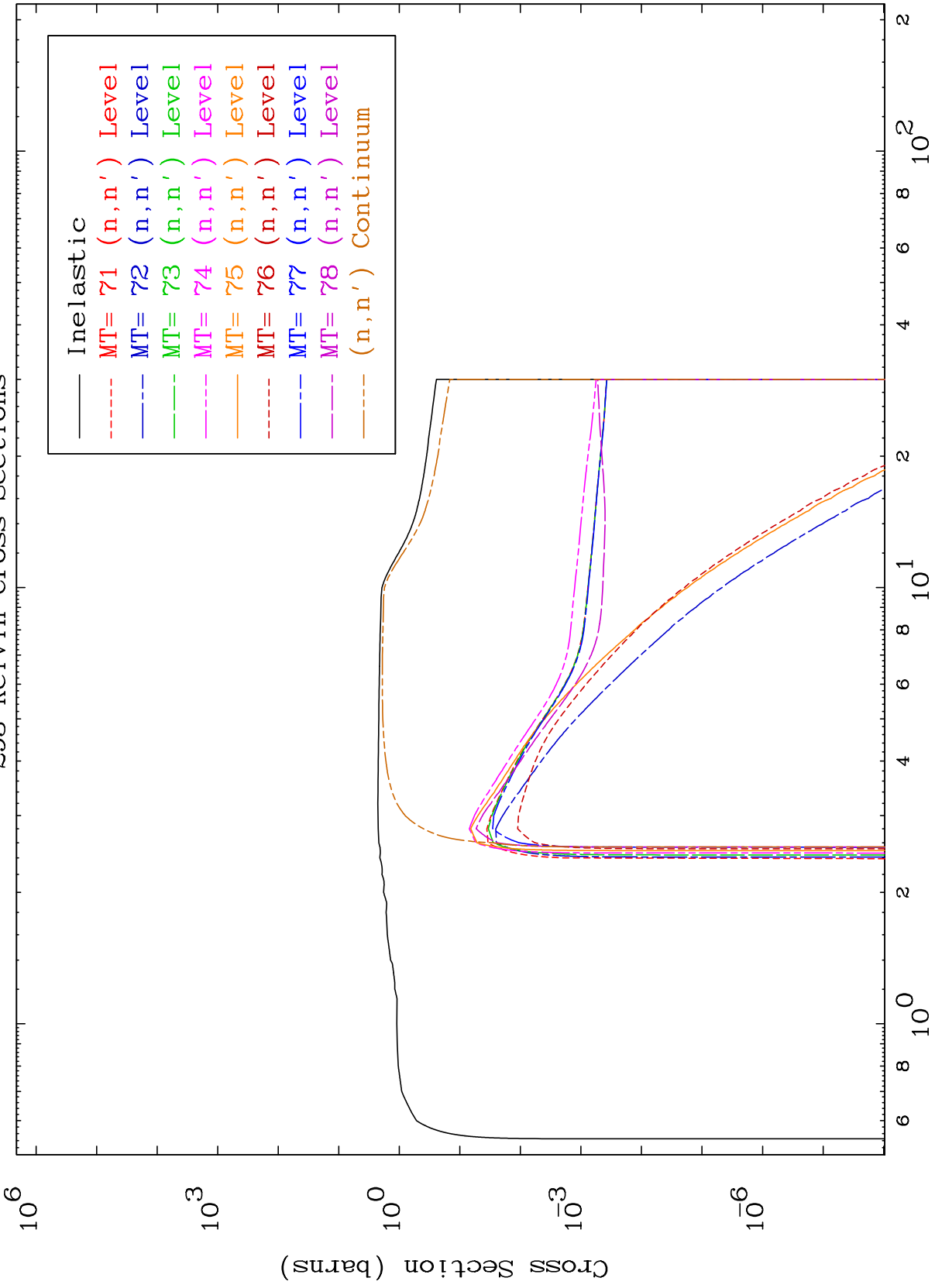


9

MAT 4437

(n,n') Levels
293 Kelvin Cross Sections

44-Ru-100



10

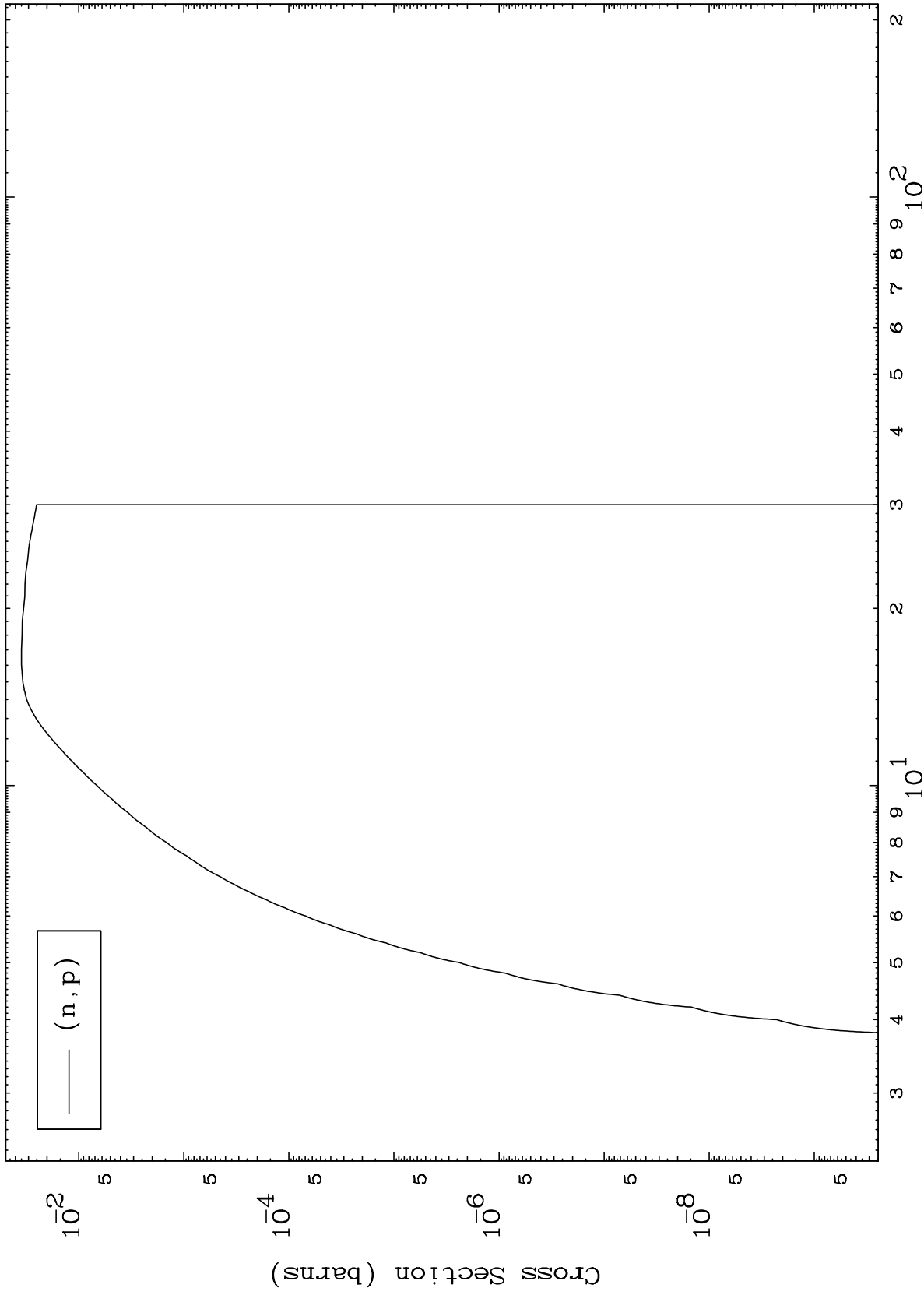
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,p) Levels
293 Kelvin Cross Sections

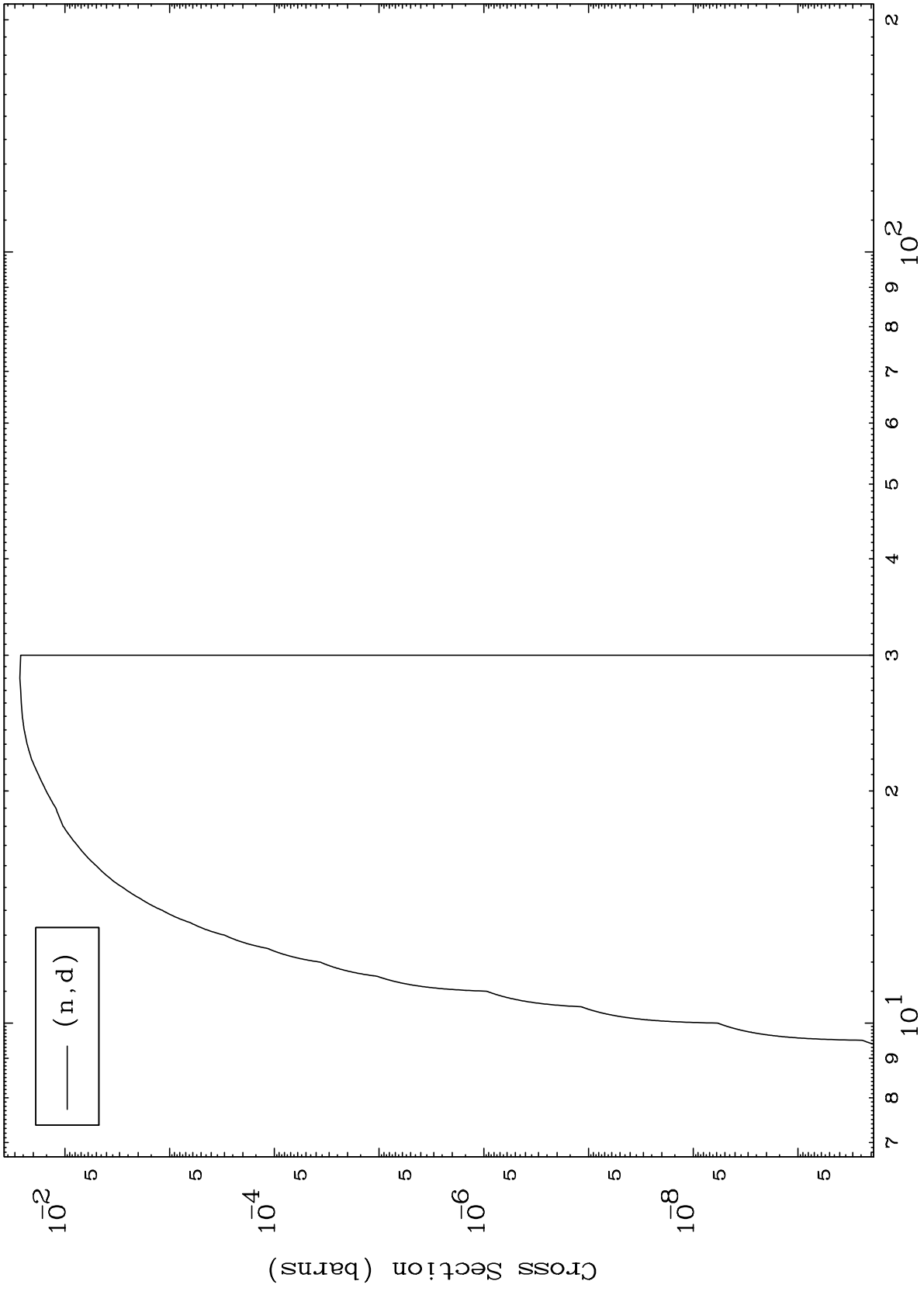
44-Ru-100



MAT 4437

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-100



12

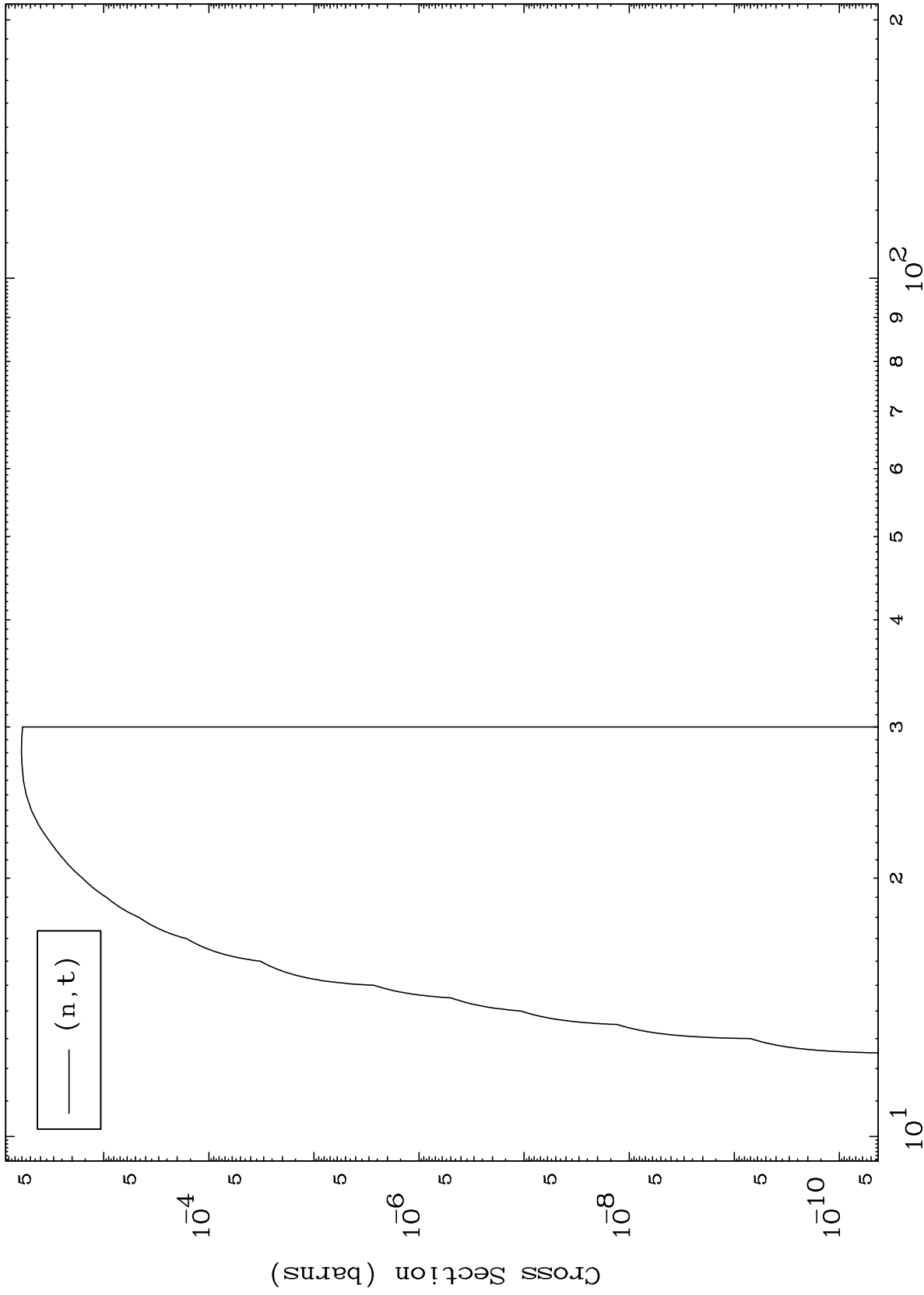
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-100



13

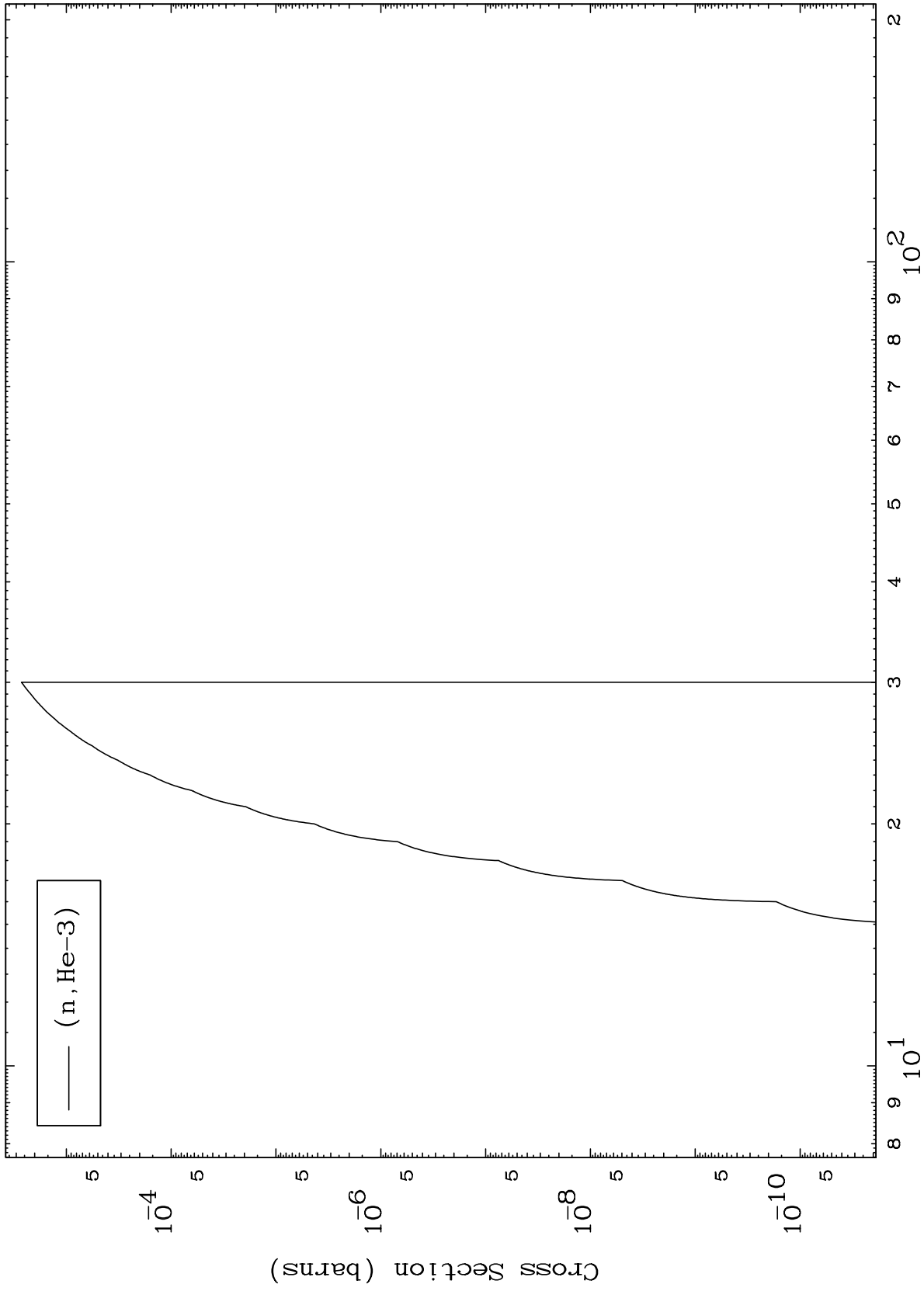
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-100



14

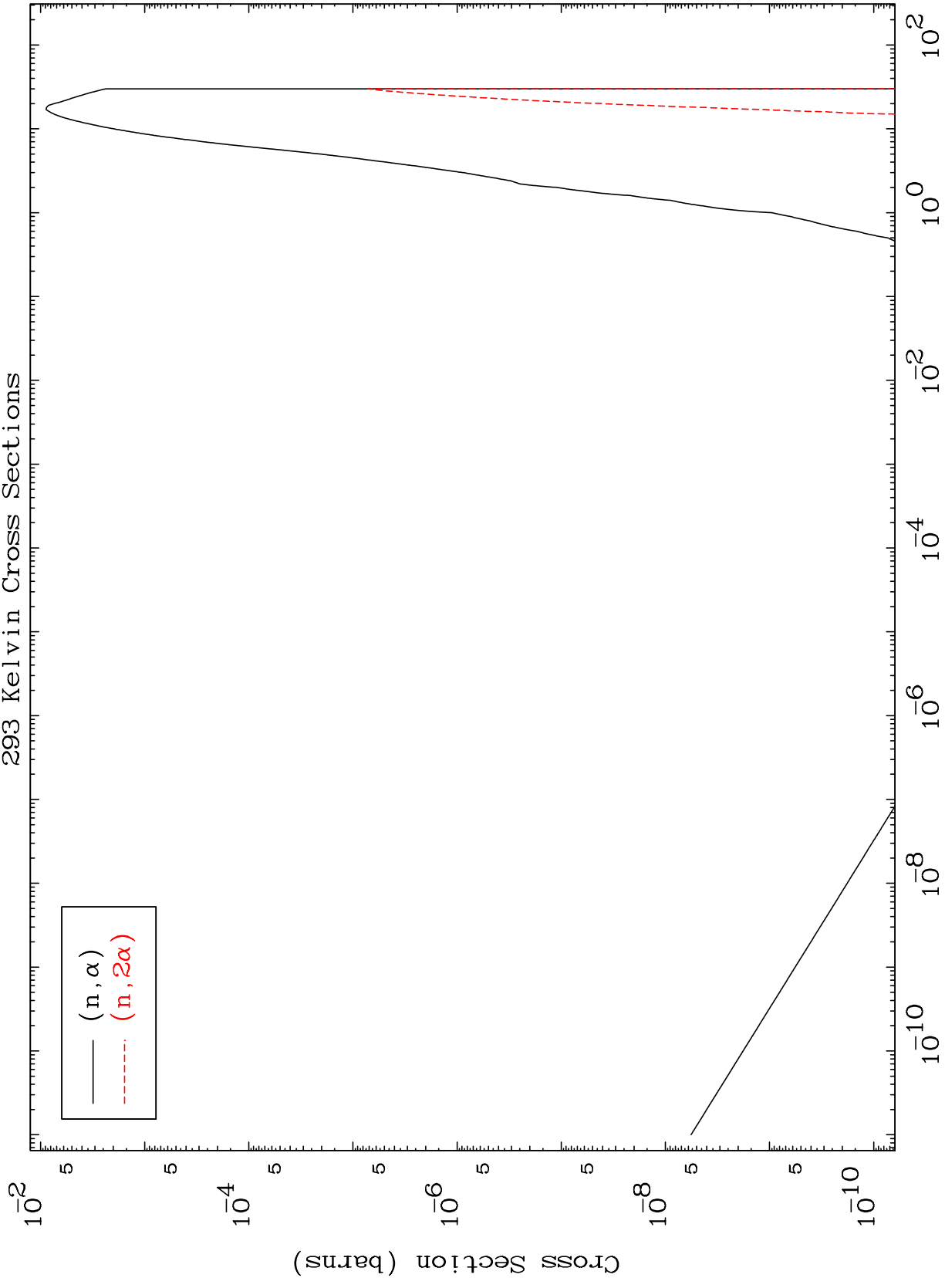
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,α) Levels
293 Kelvin Cross Sections

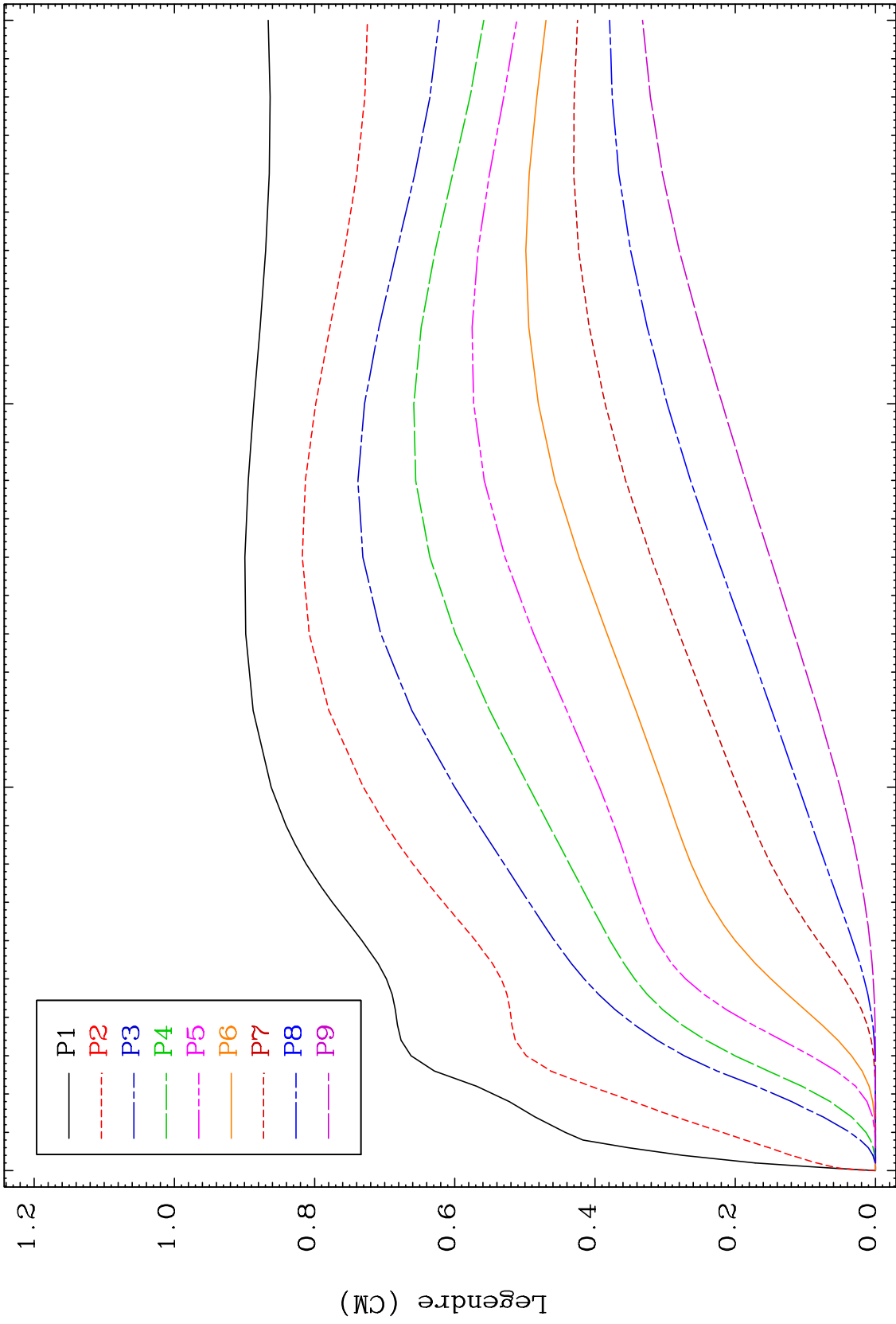
44-Ru-100



MAT 4437

Elastic Legendre Coefficients

44-Ru-100



16

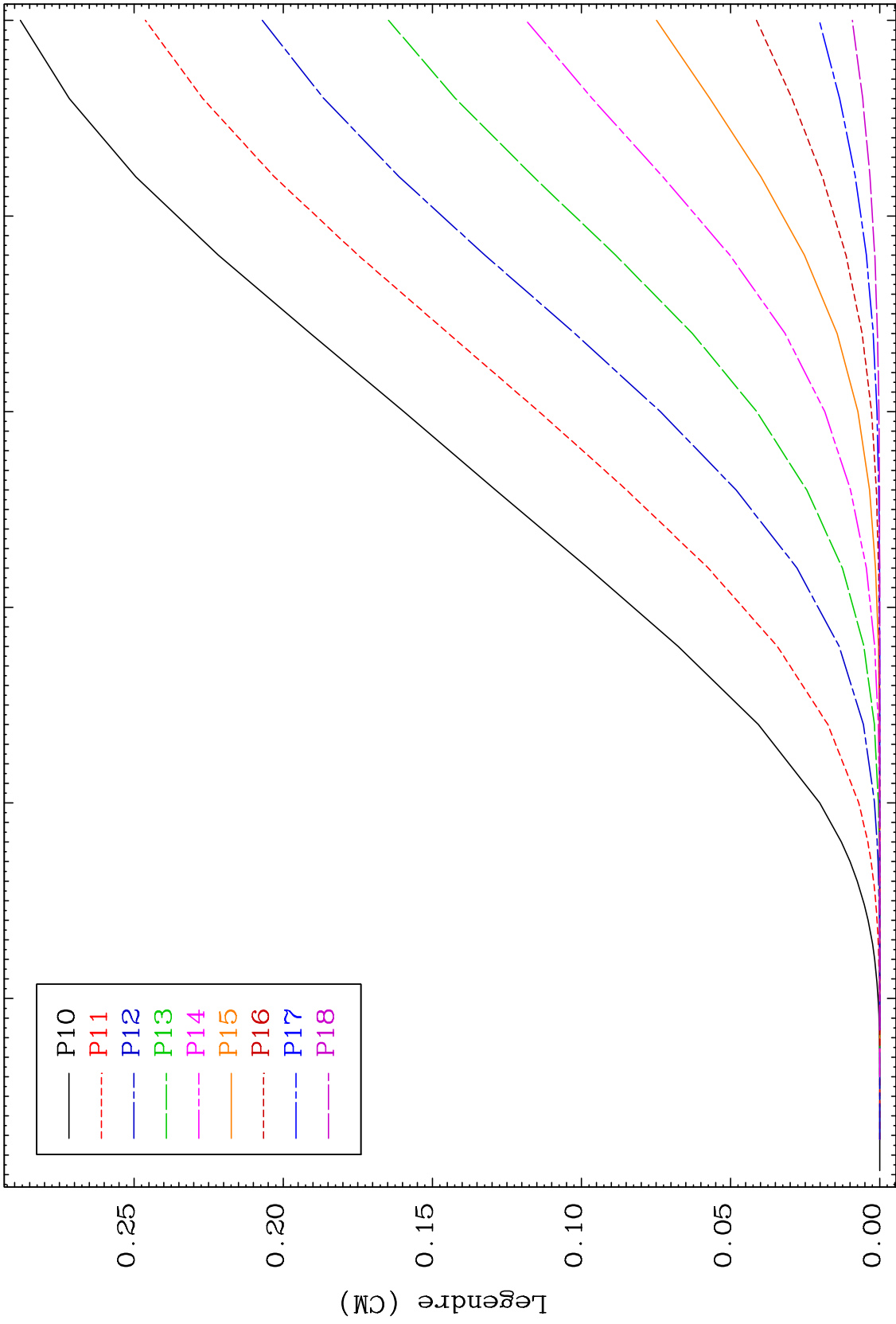
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



17

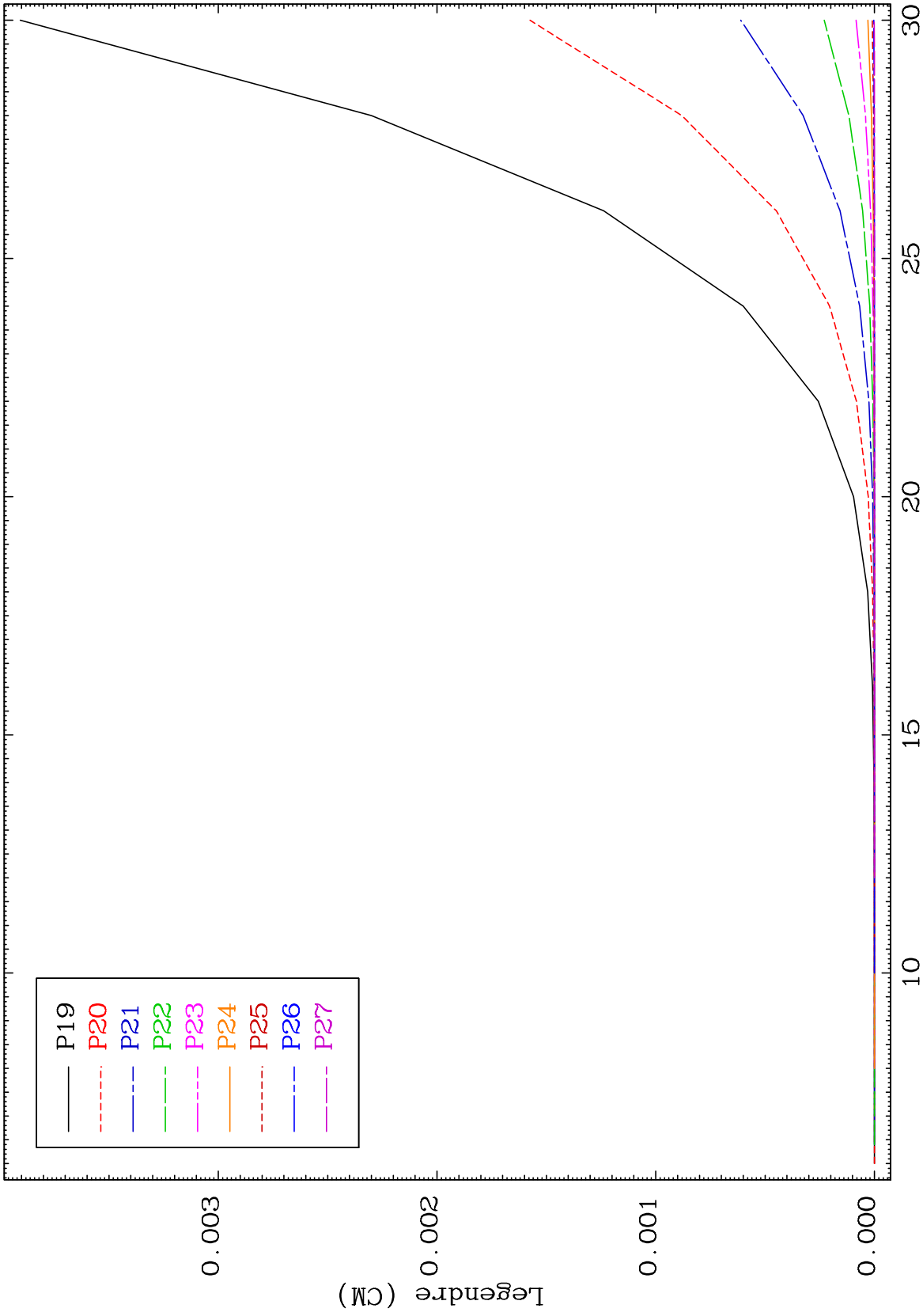
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

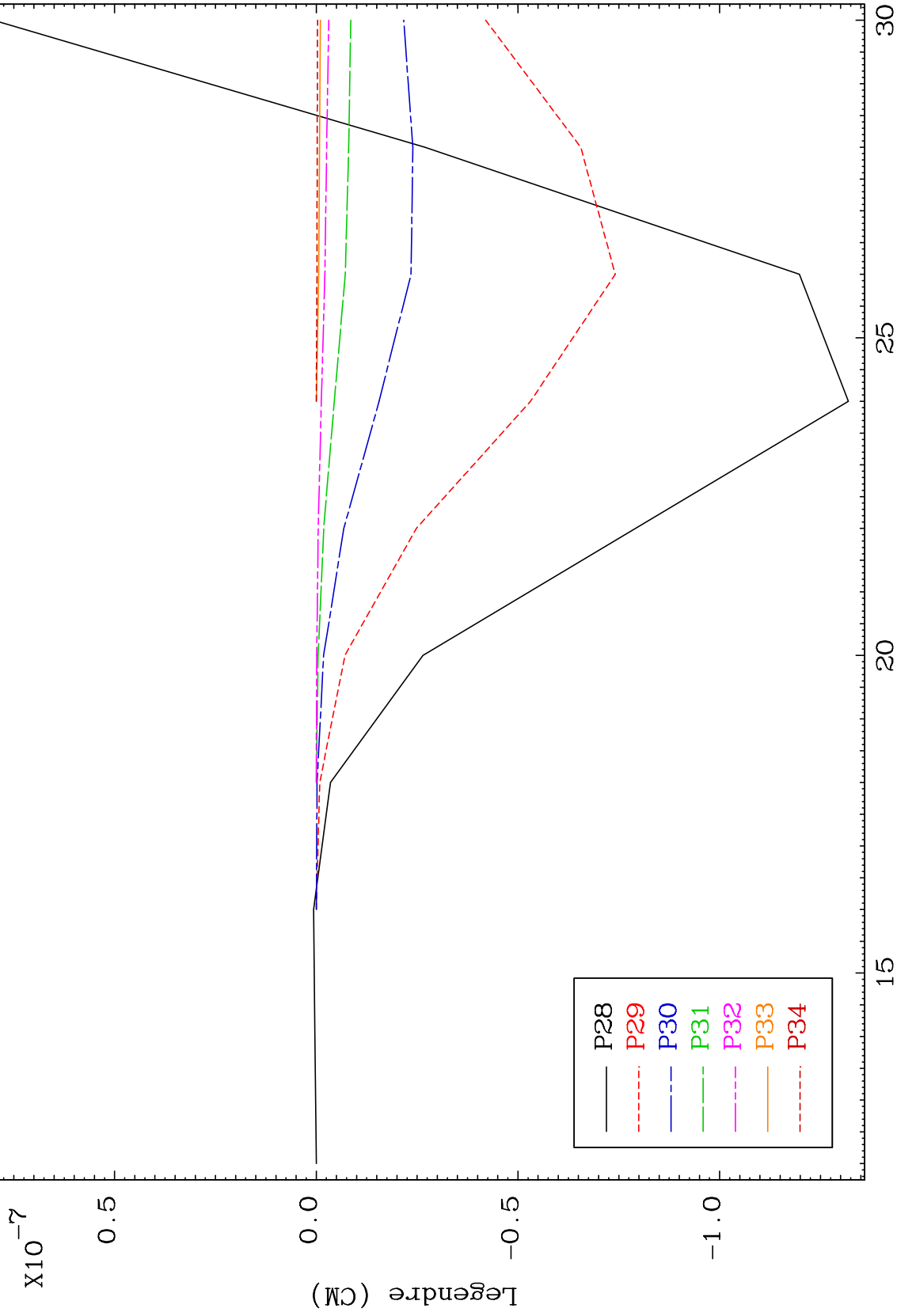
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

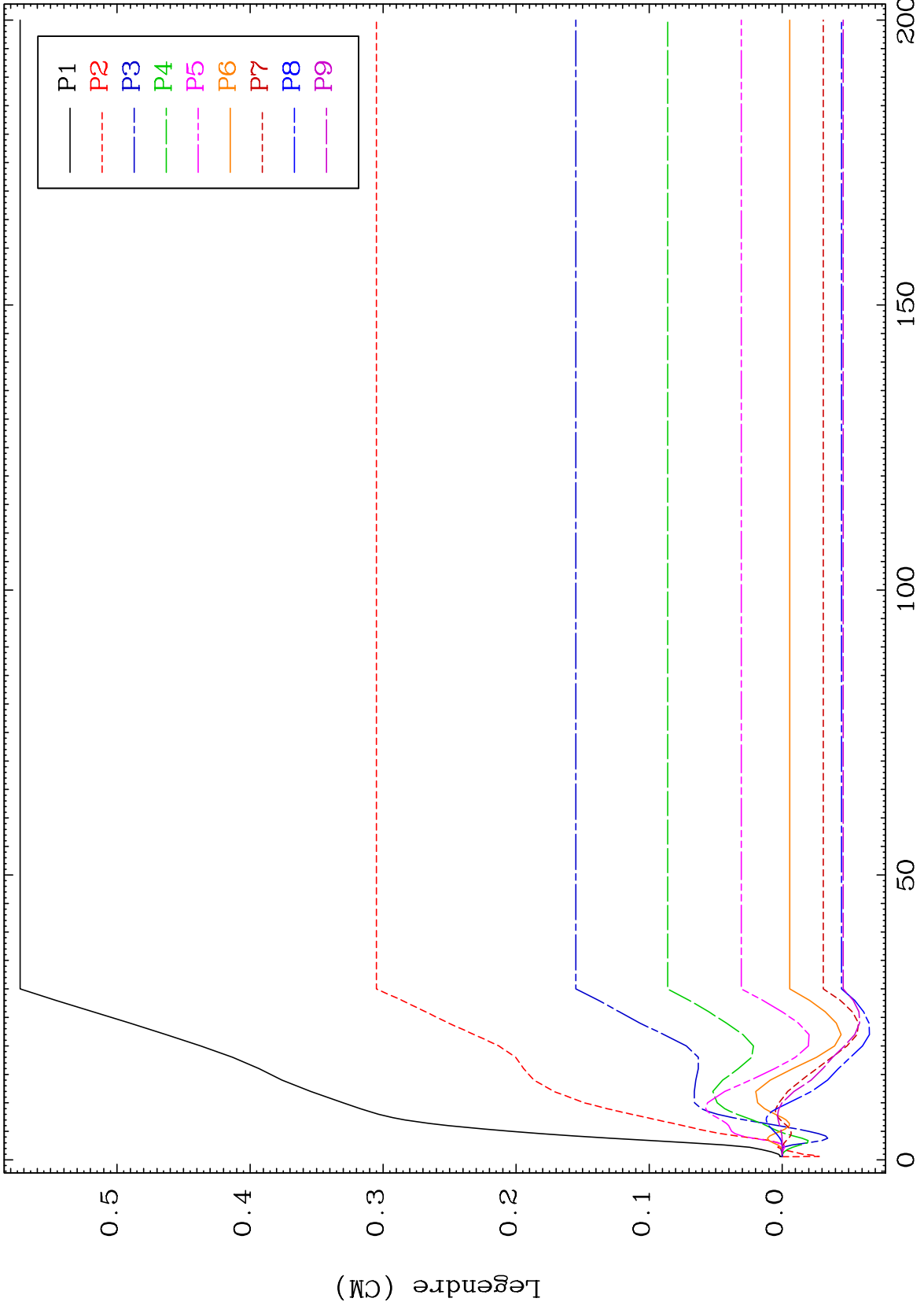
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



20

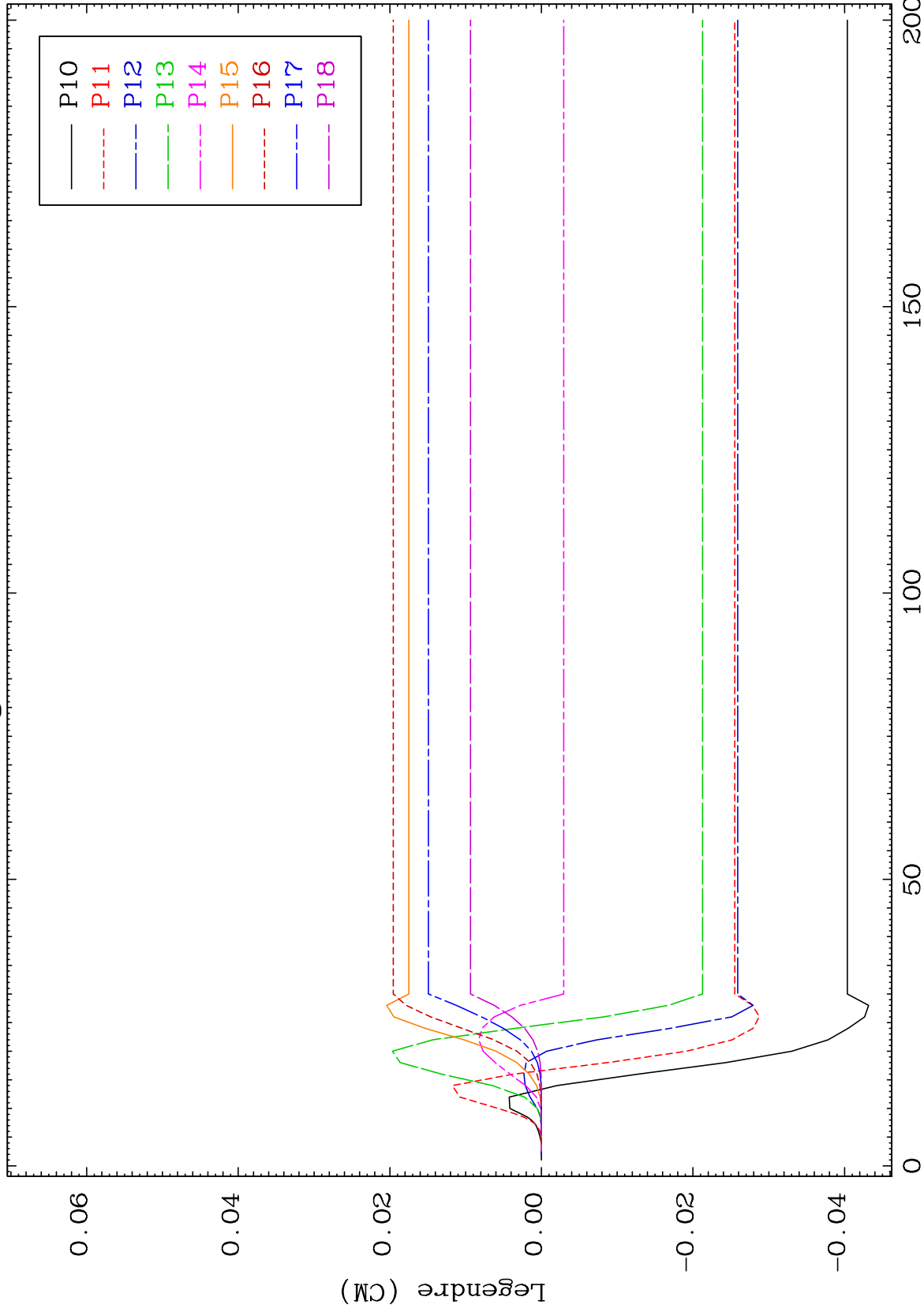
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



21

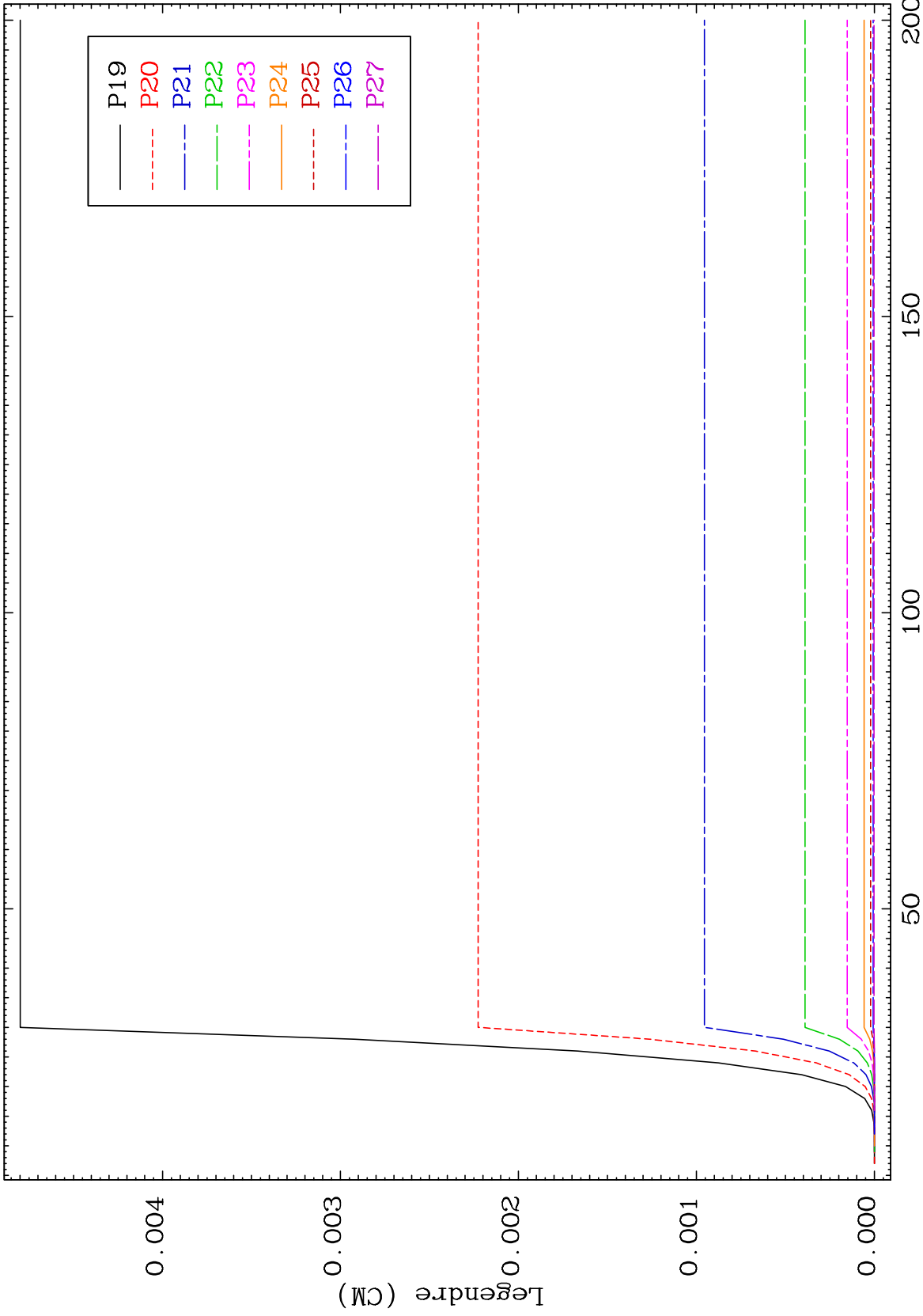
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

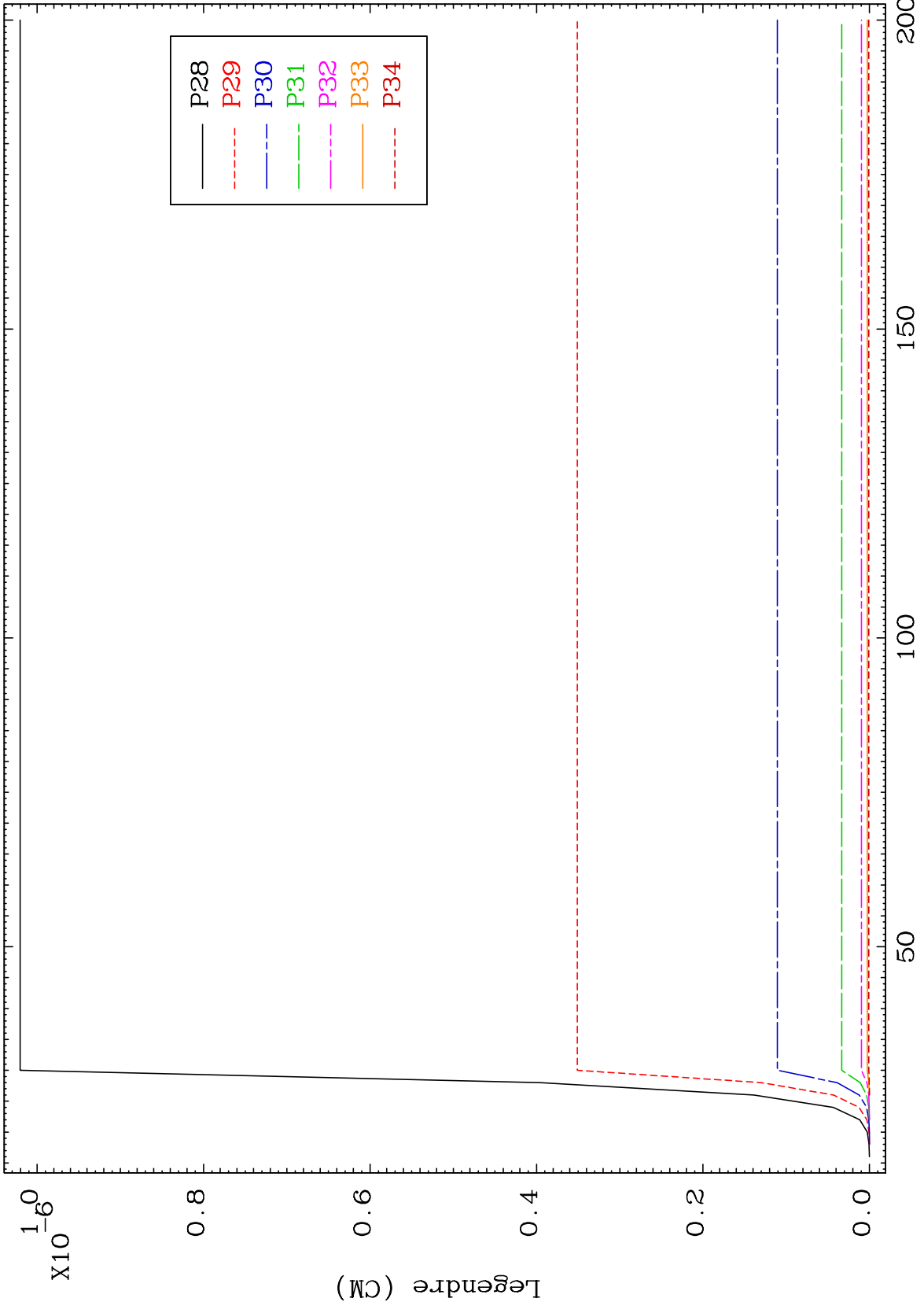
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



23

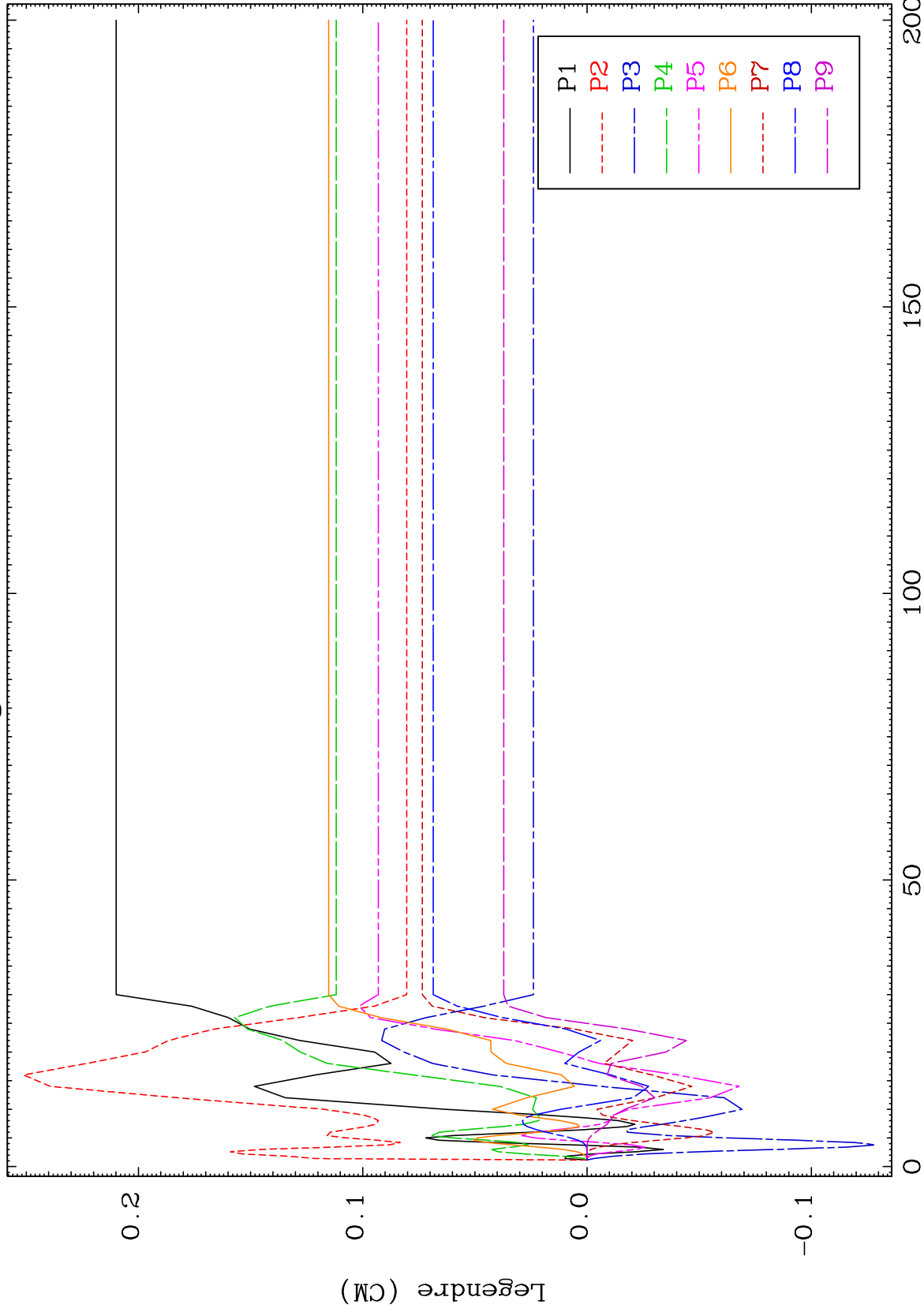
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



24

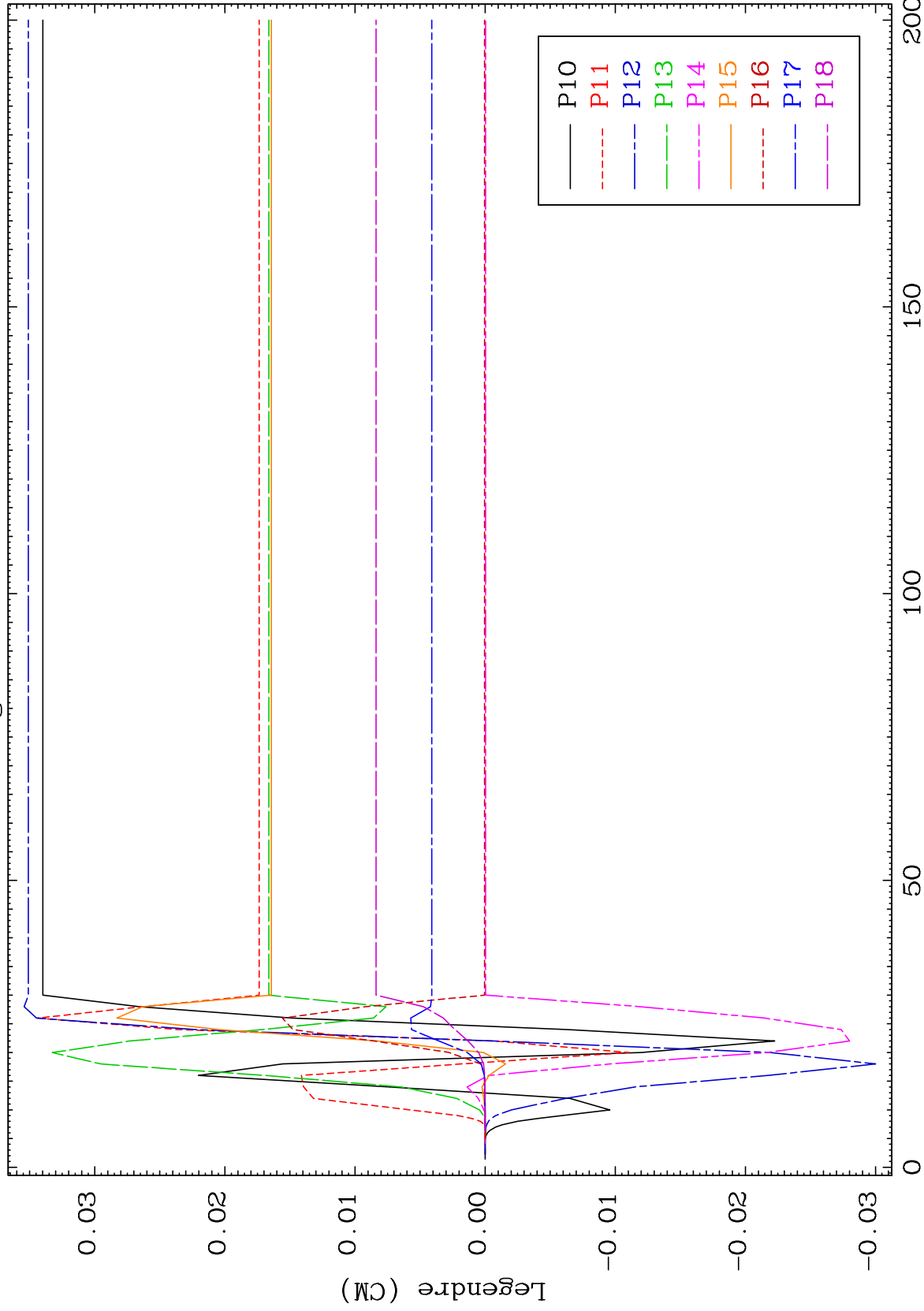
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



25

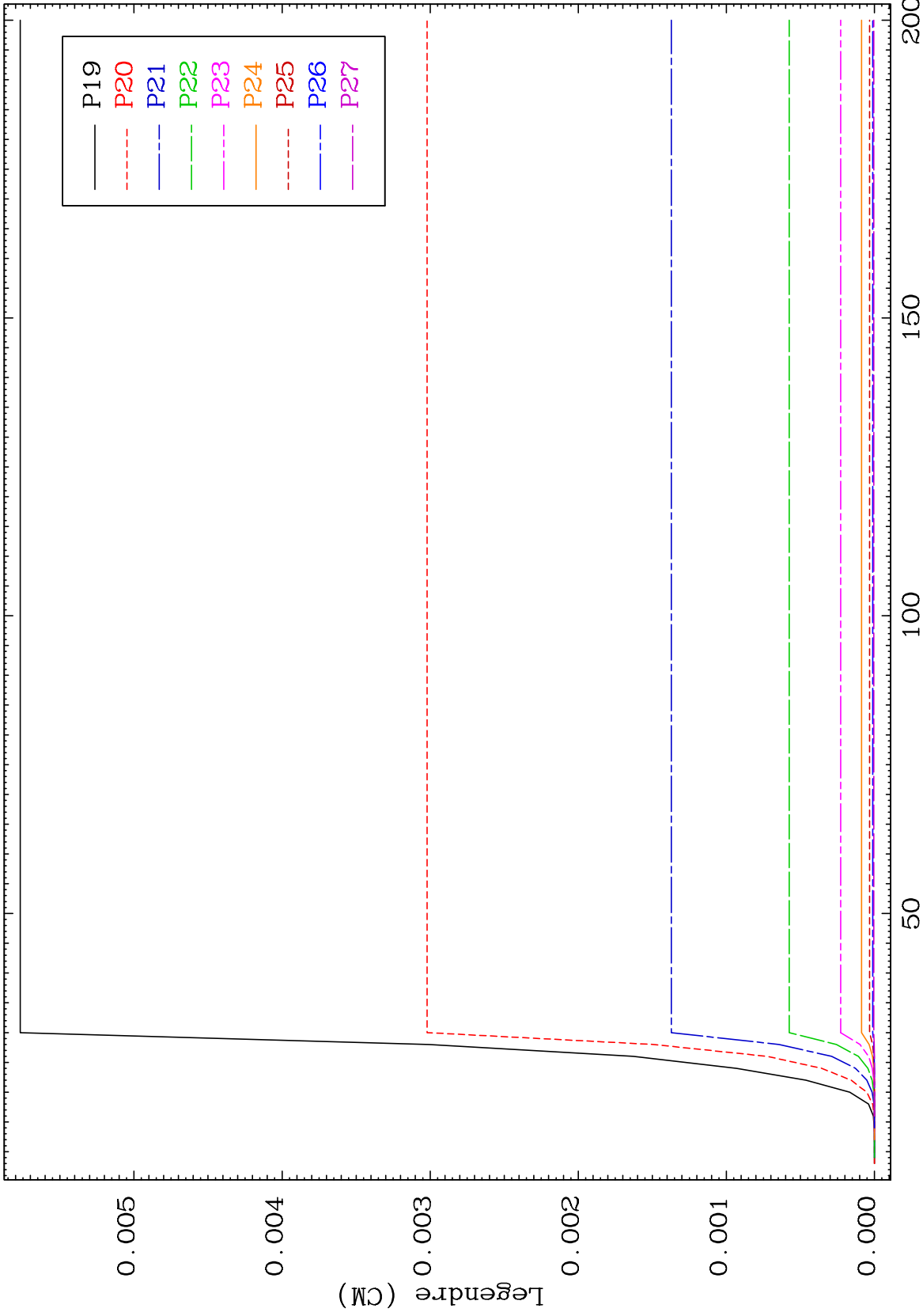
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



26

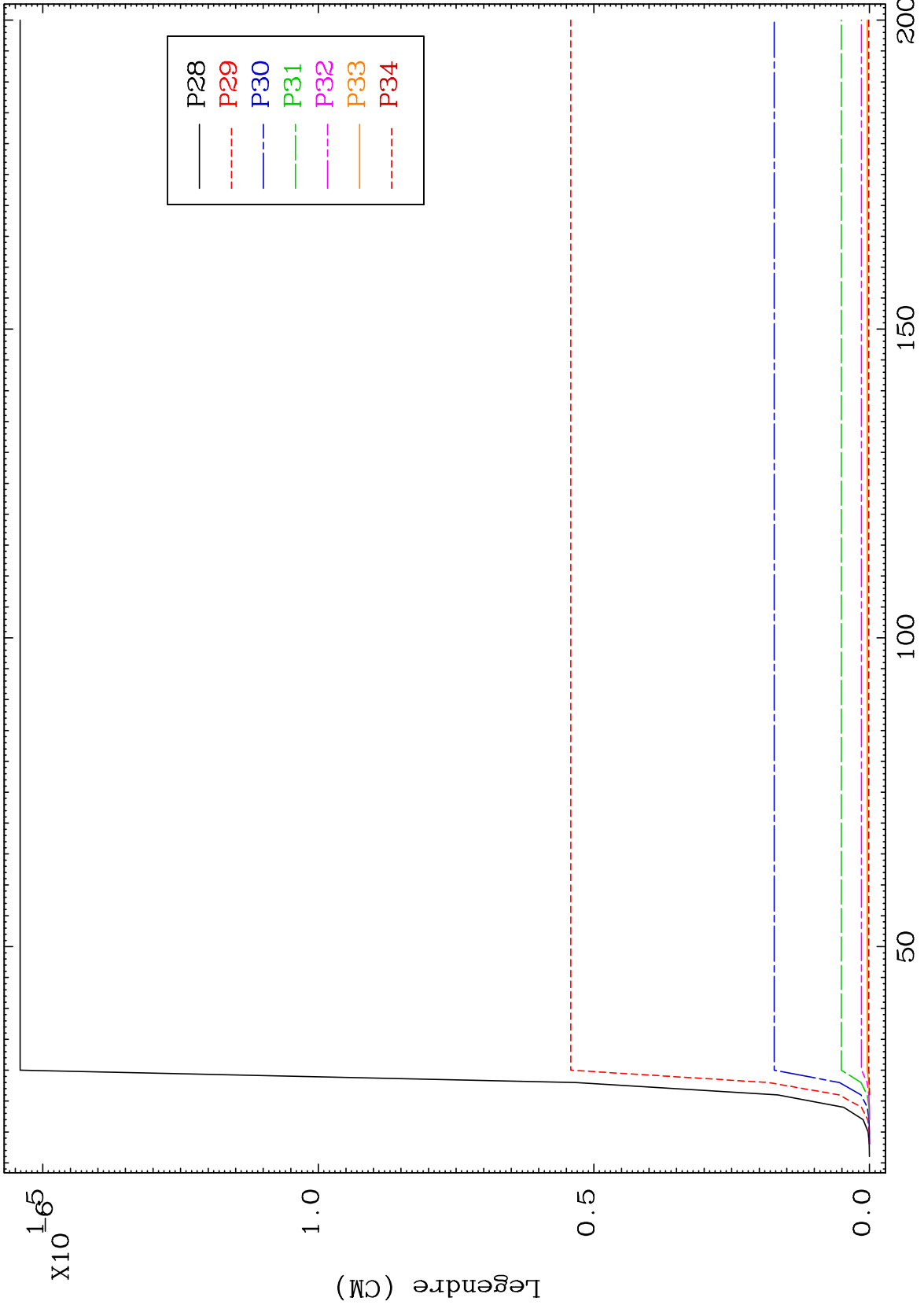
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



27

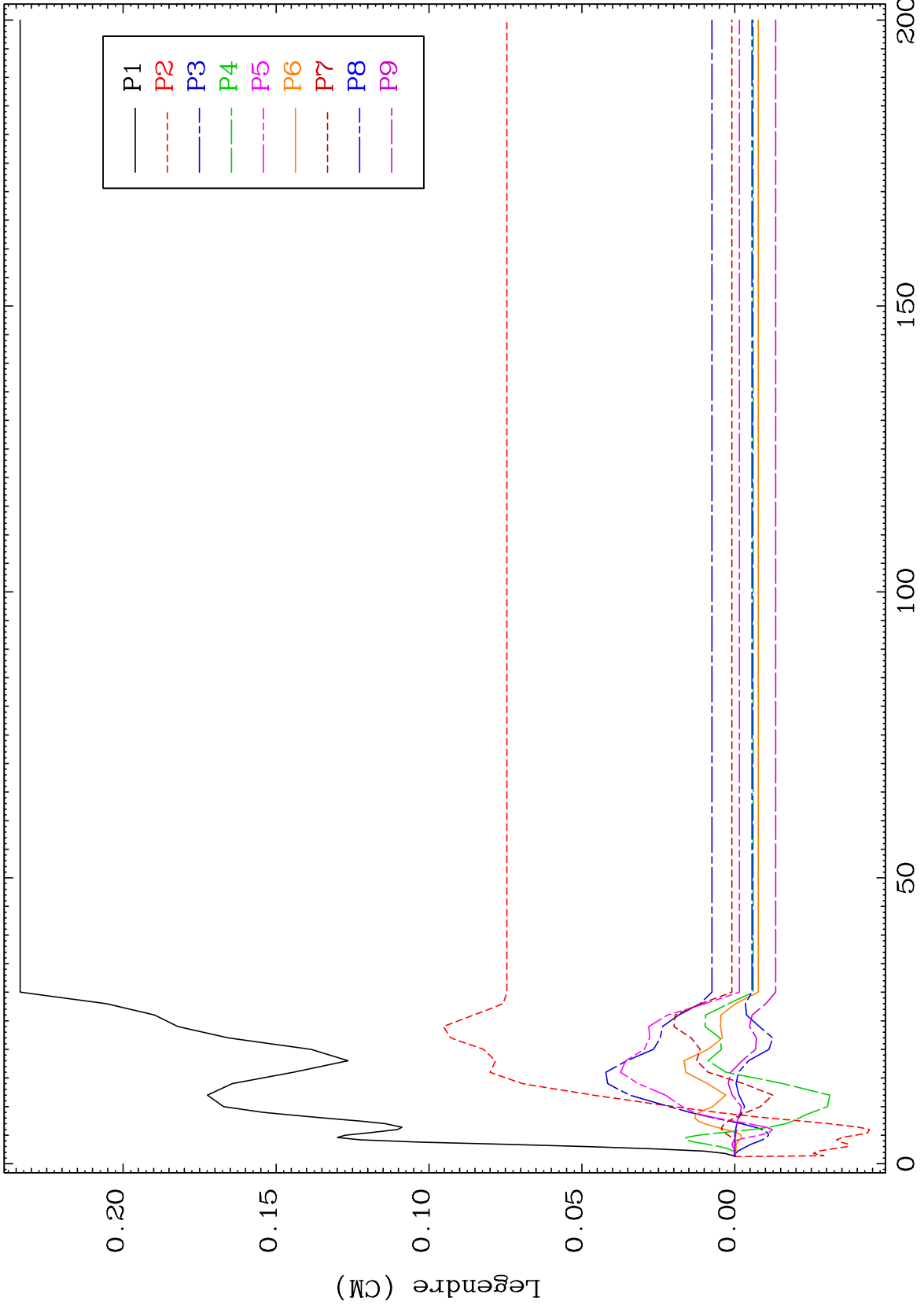
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



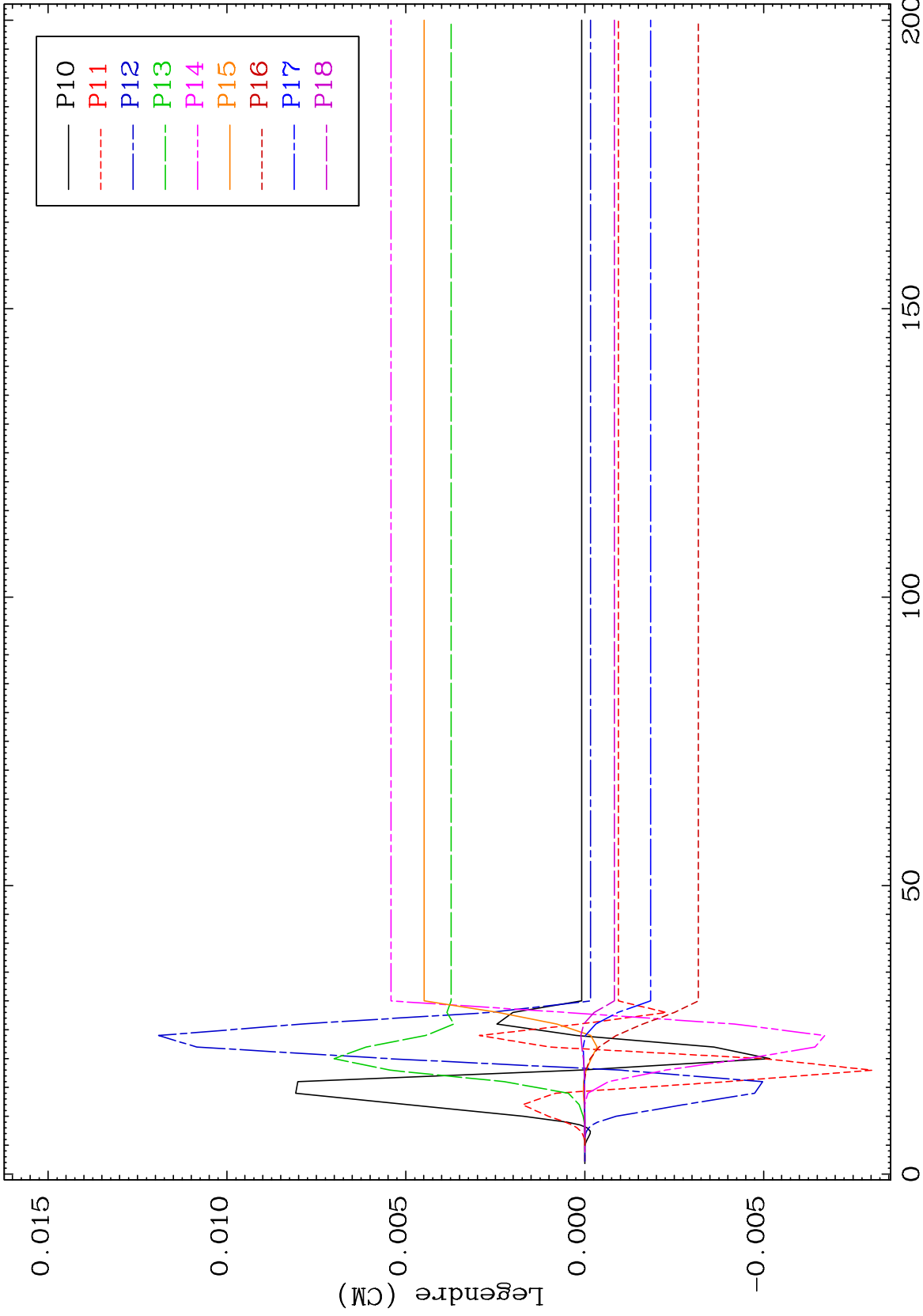
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44-Ru-100

MAT 4437

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

44-Ru-100

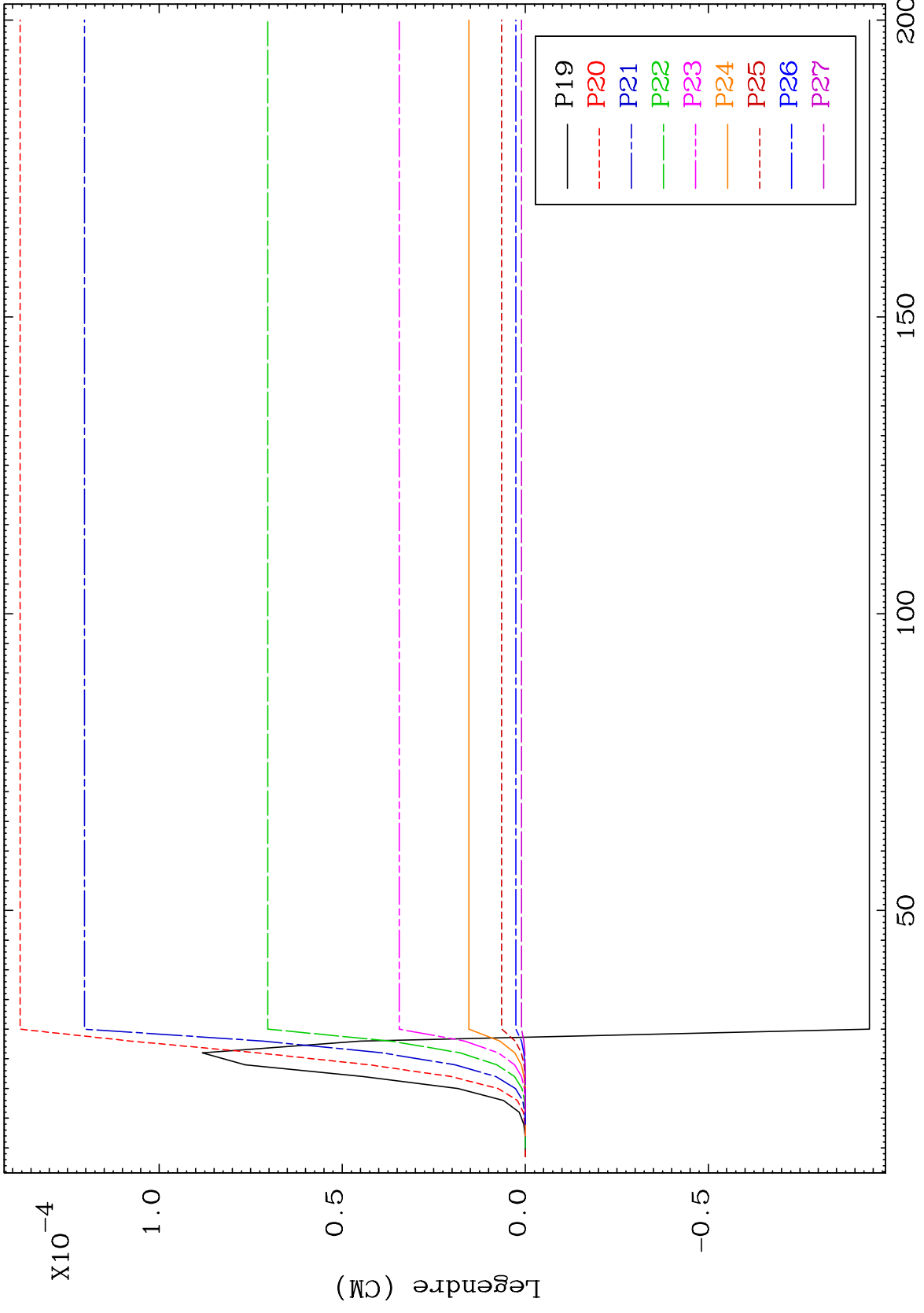


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Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 53 (n,n') Level Legendre Coefficients 44-Ru-100

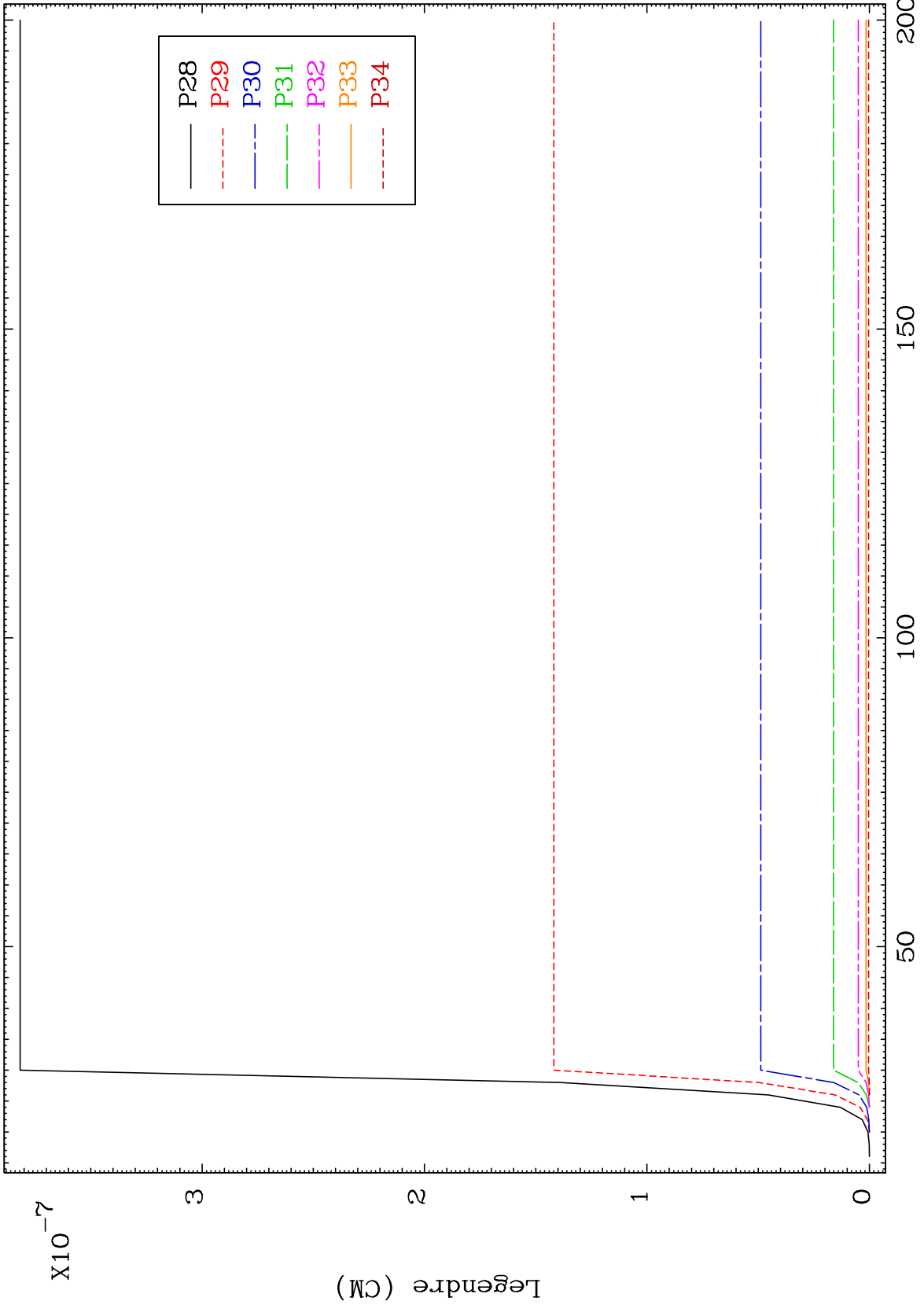


30 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



31

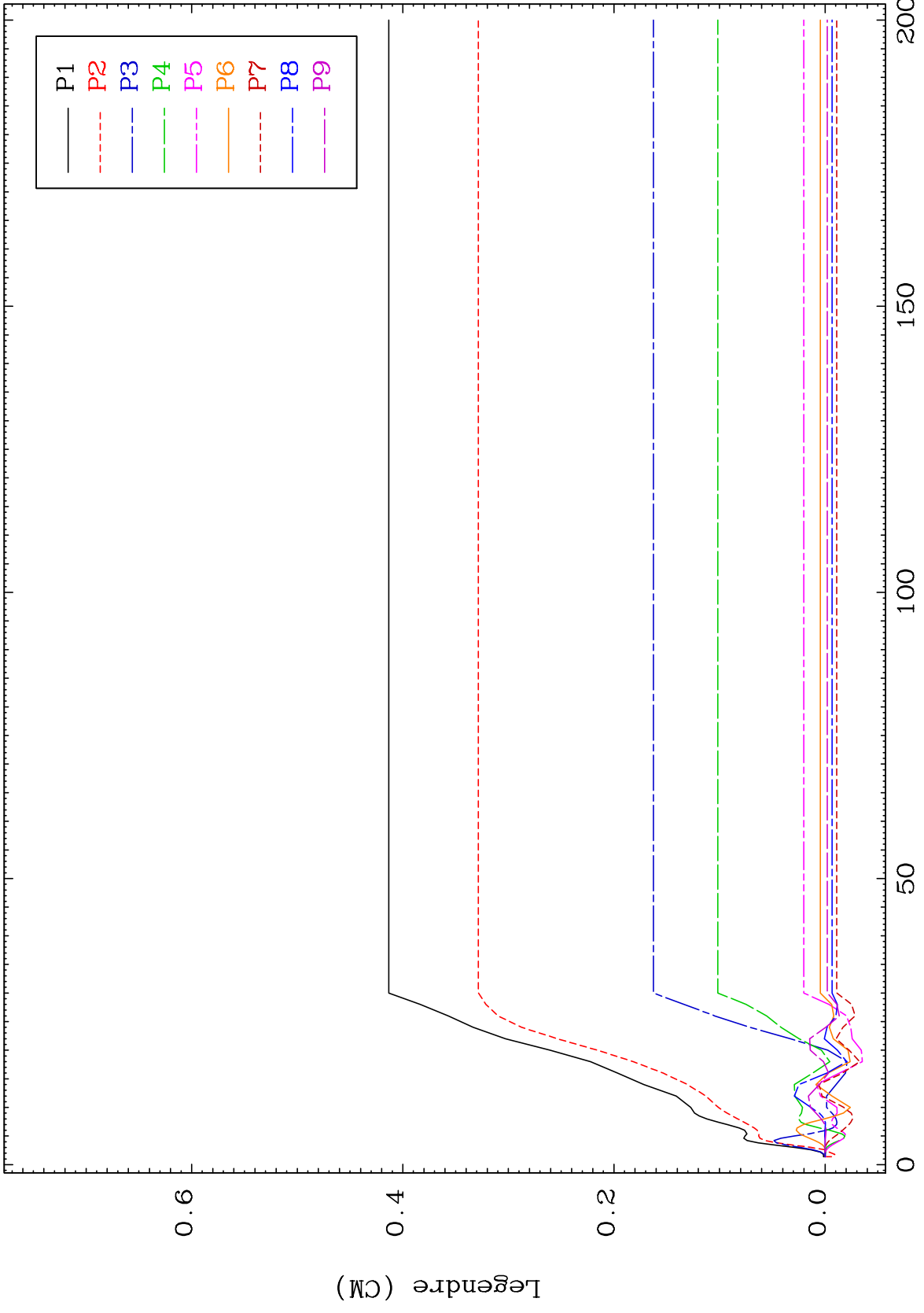
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



32

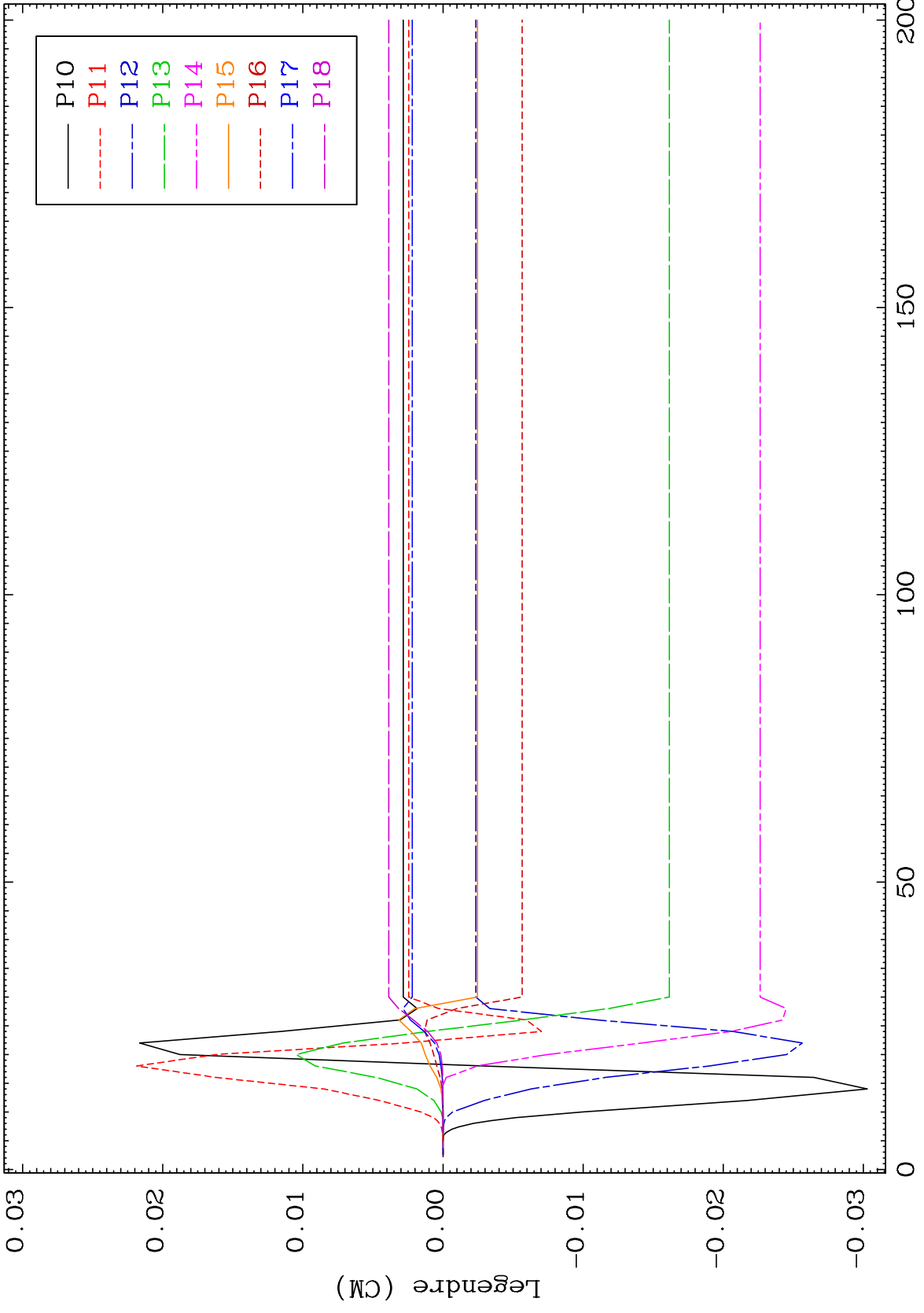
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

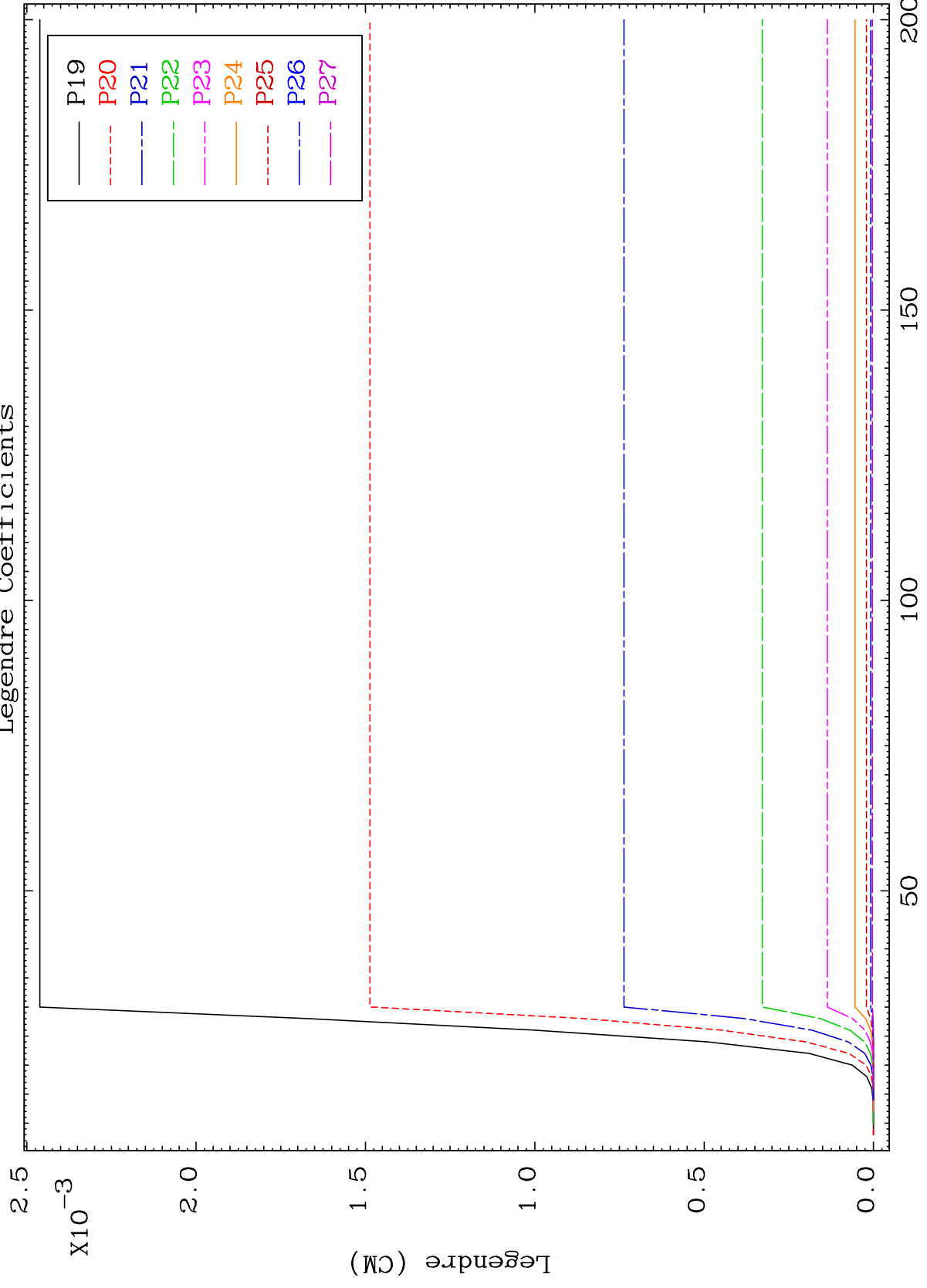


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Incident Energy (MeV)

44-Ru-100

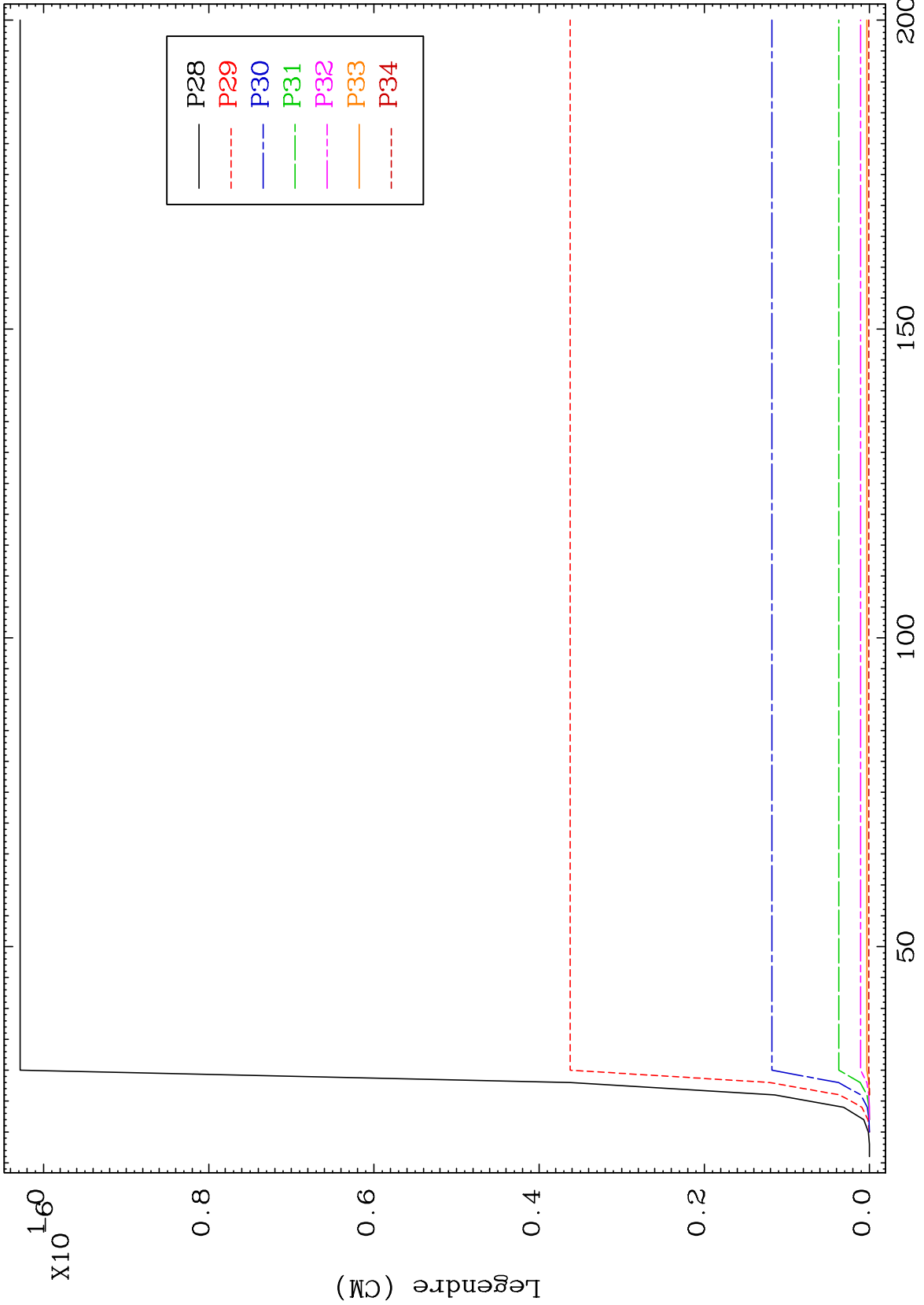
MAT 4437 MT= 54 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437

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

44-Ru-100



35

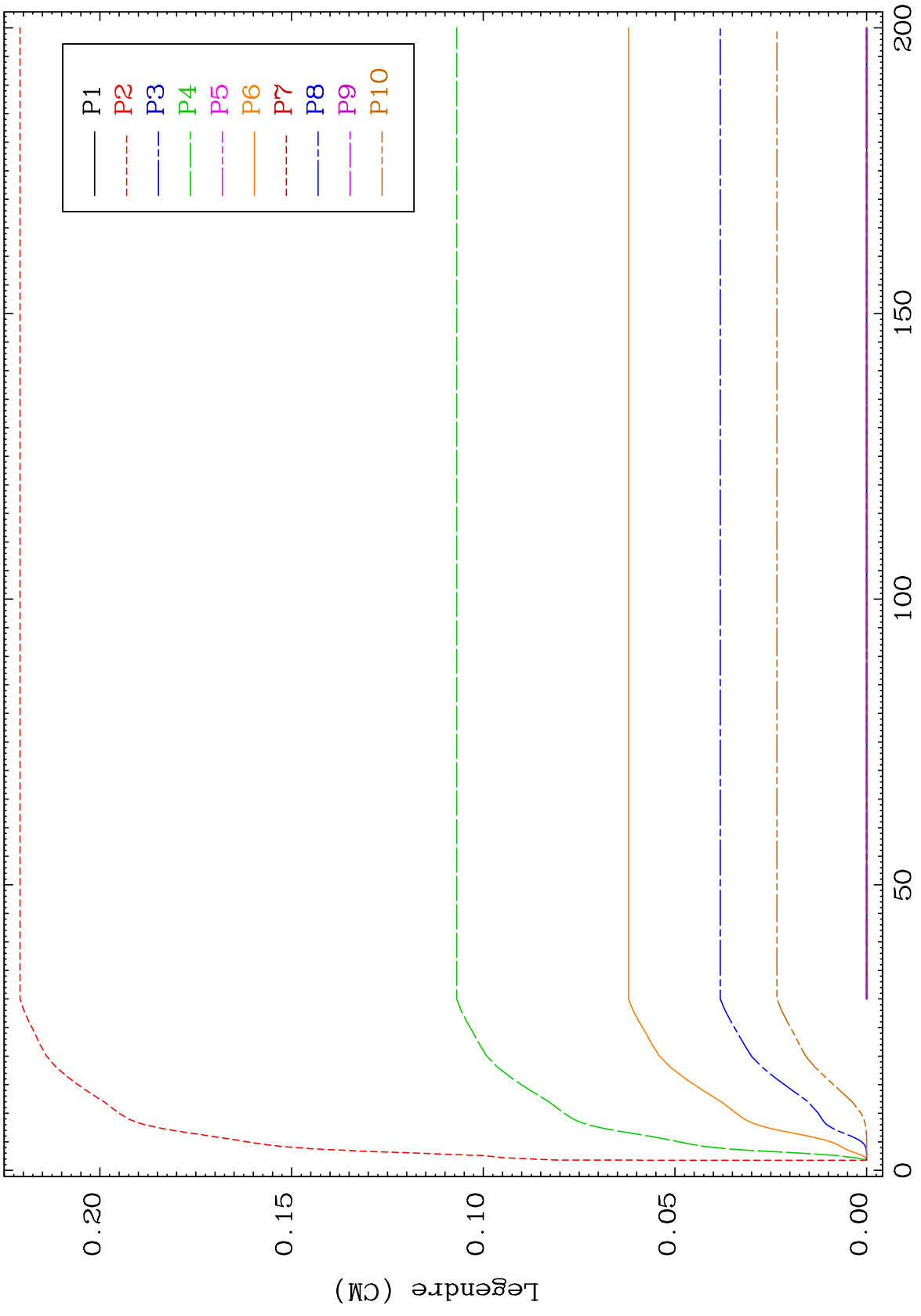
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



36

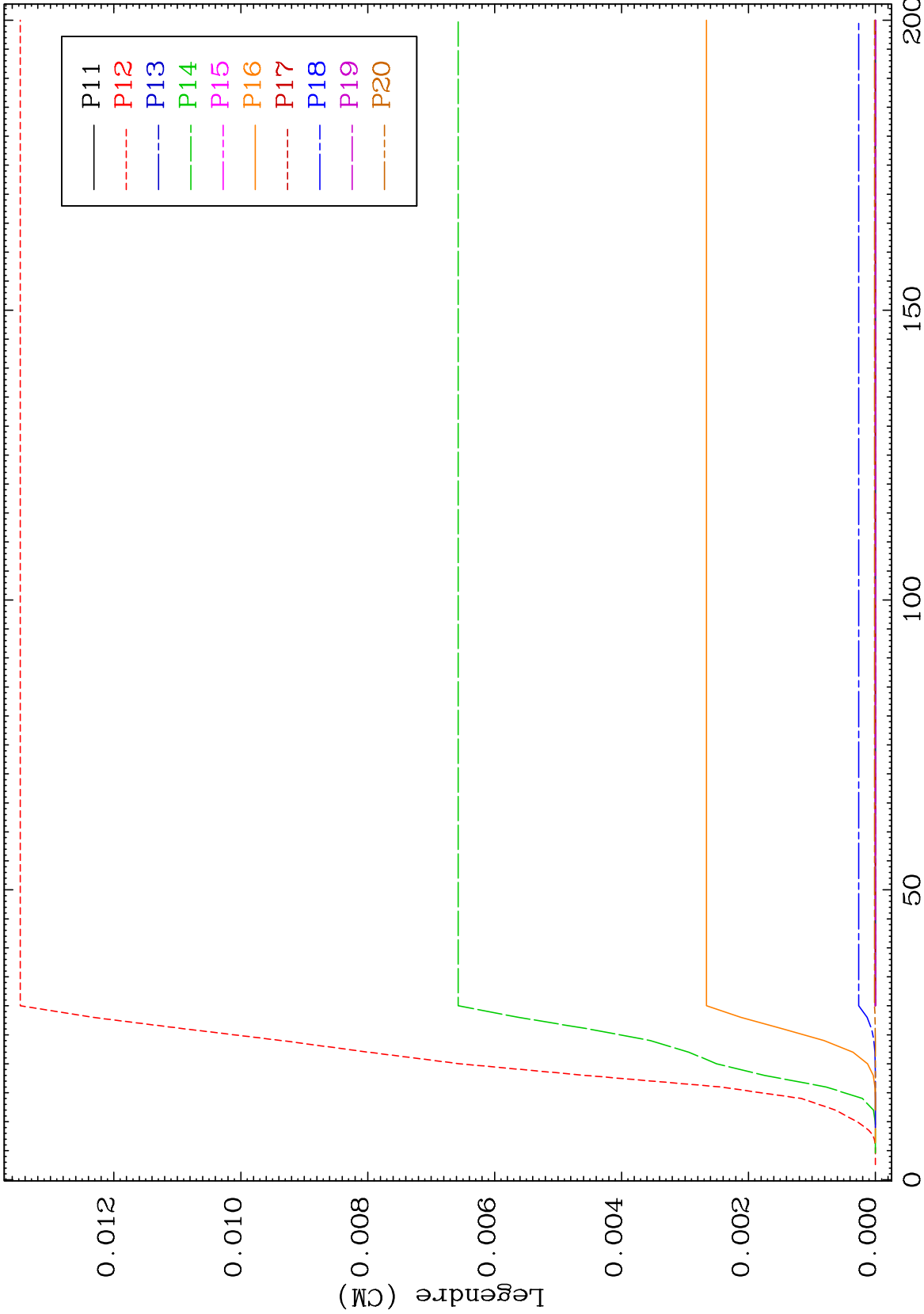
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

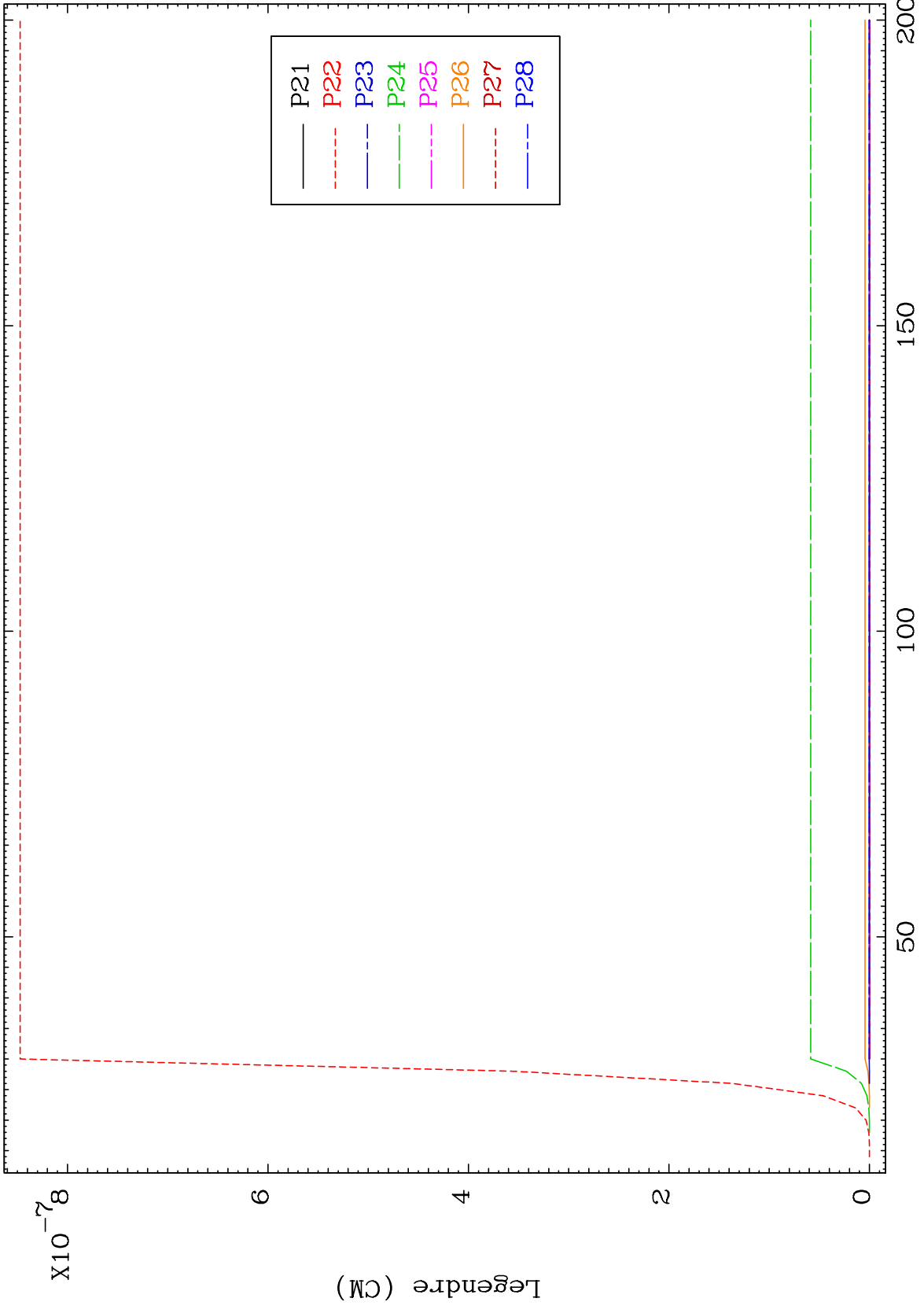


37

Incident Energy (MeV)

44-Ru-100

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

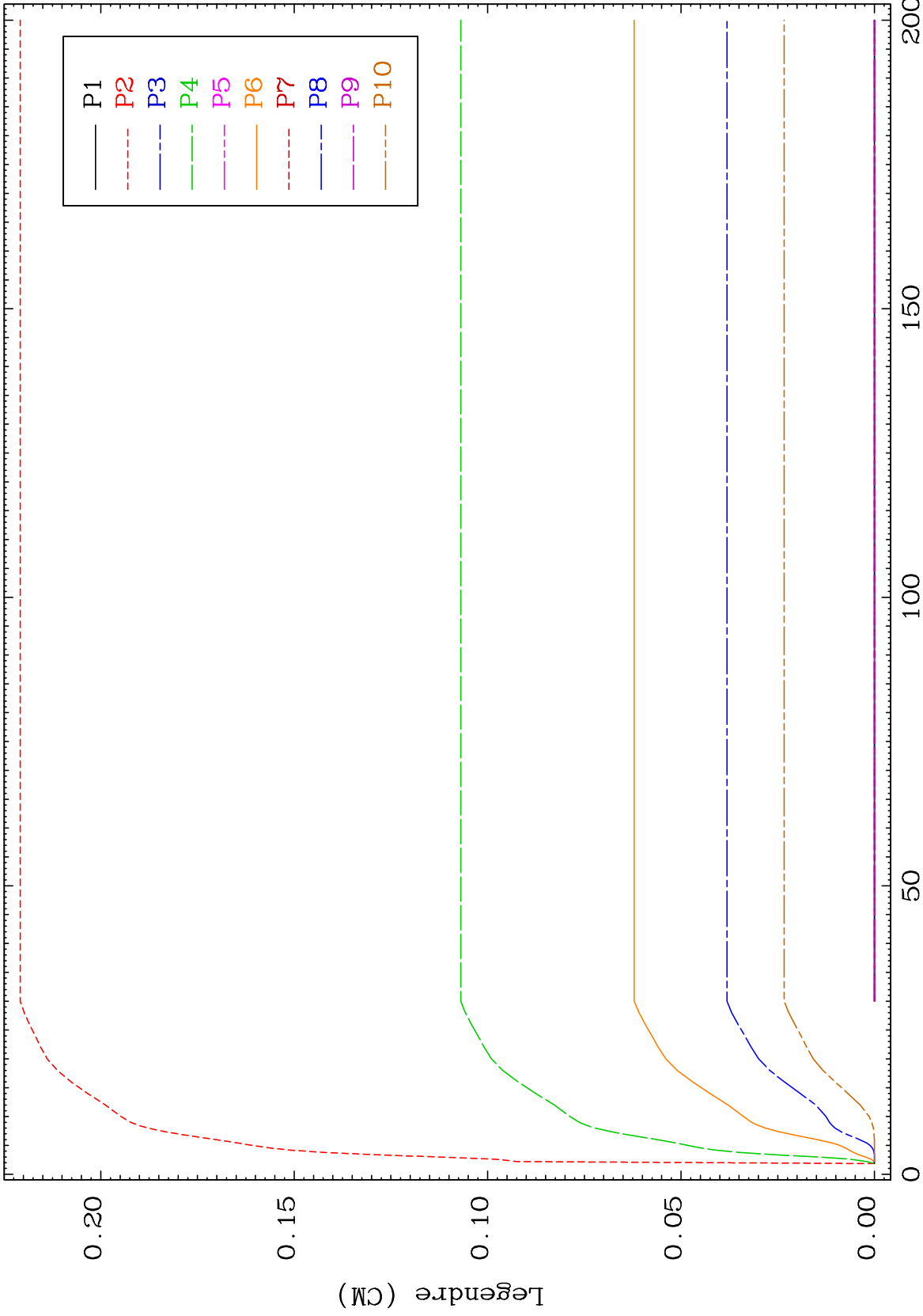


38 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



39

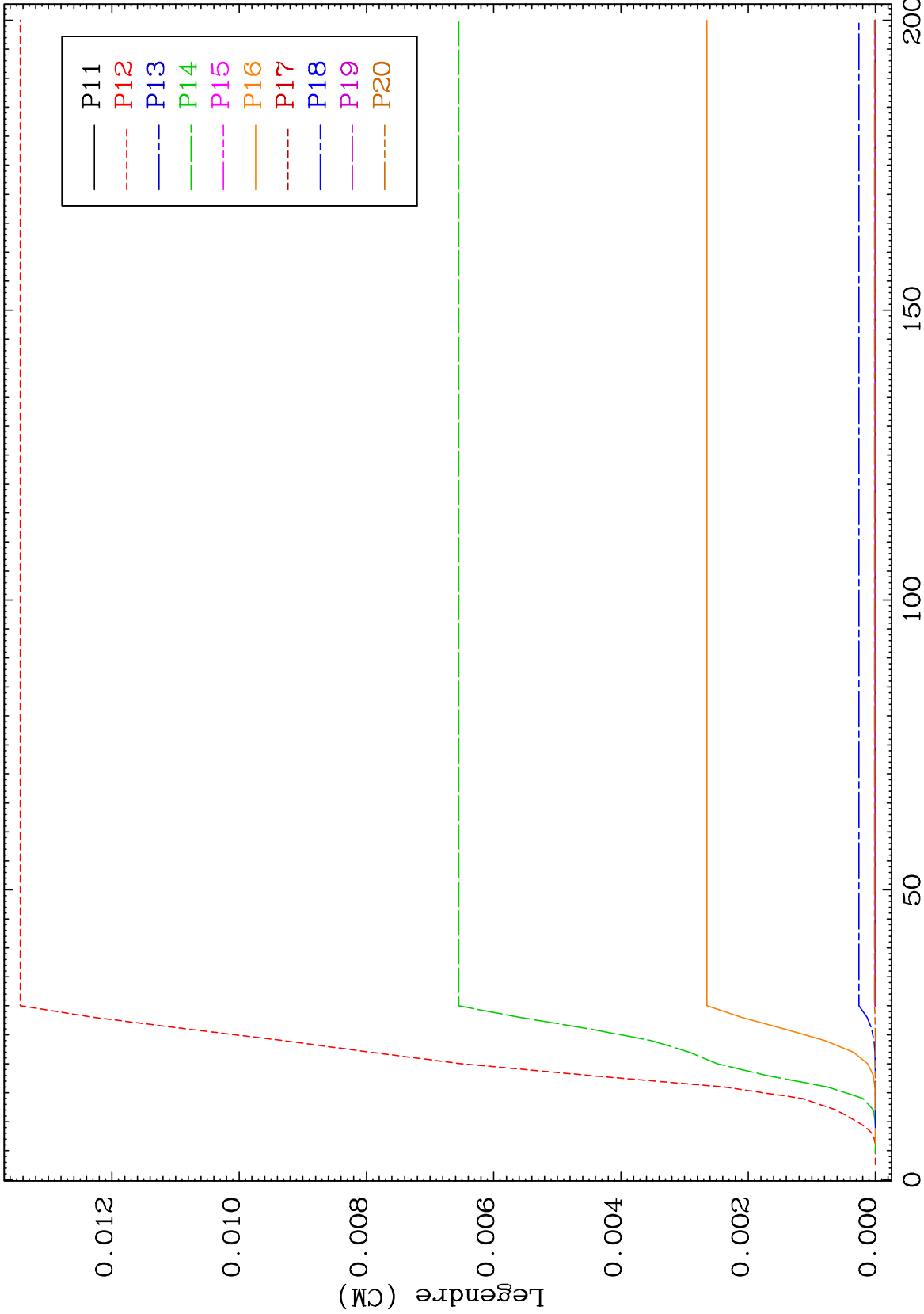
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

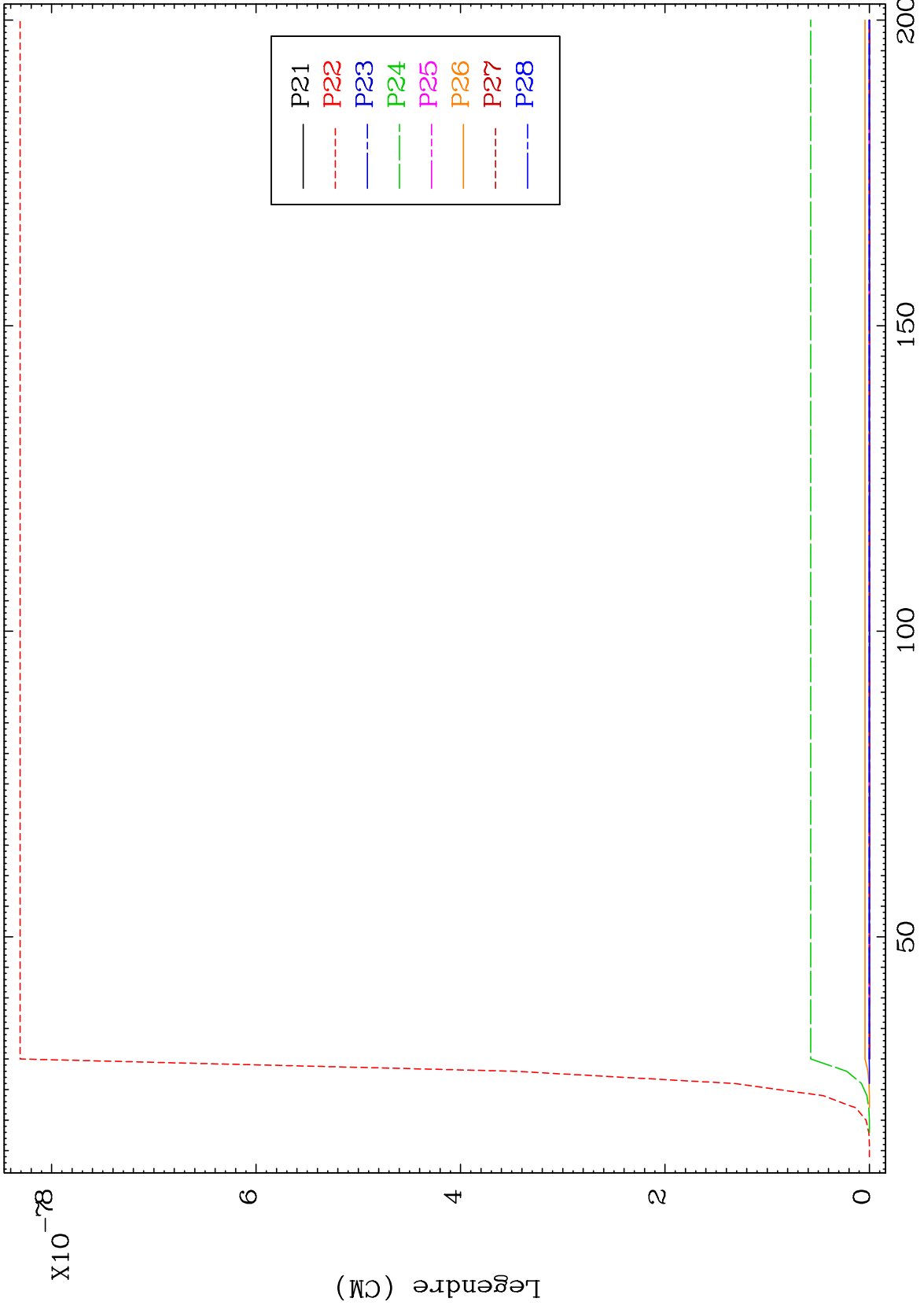


40

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-100

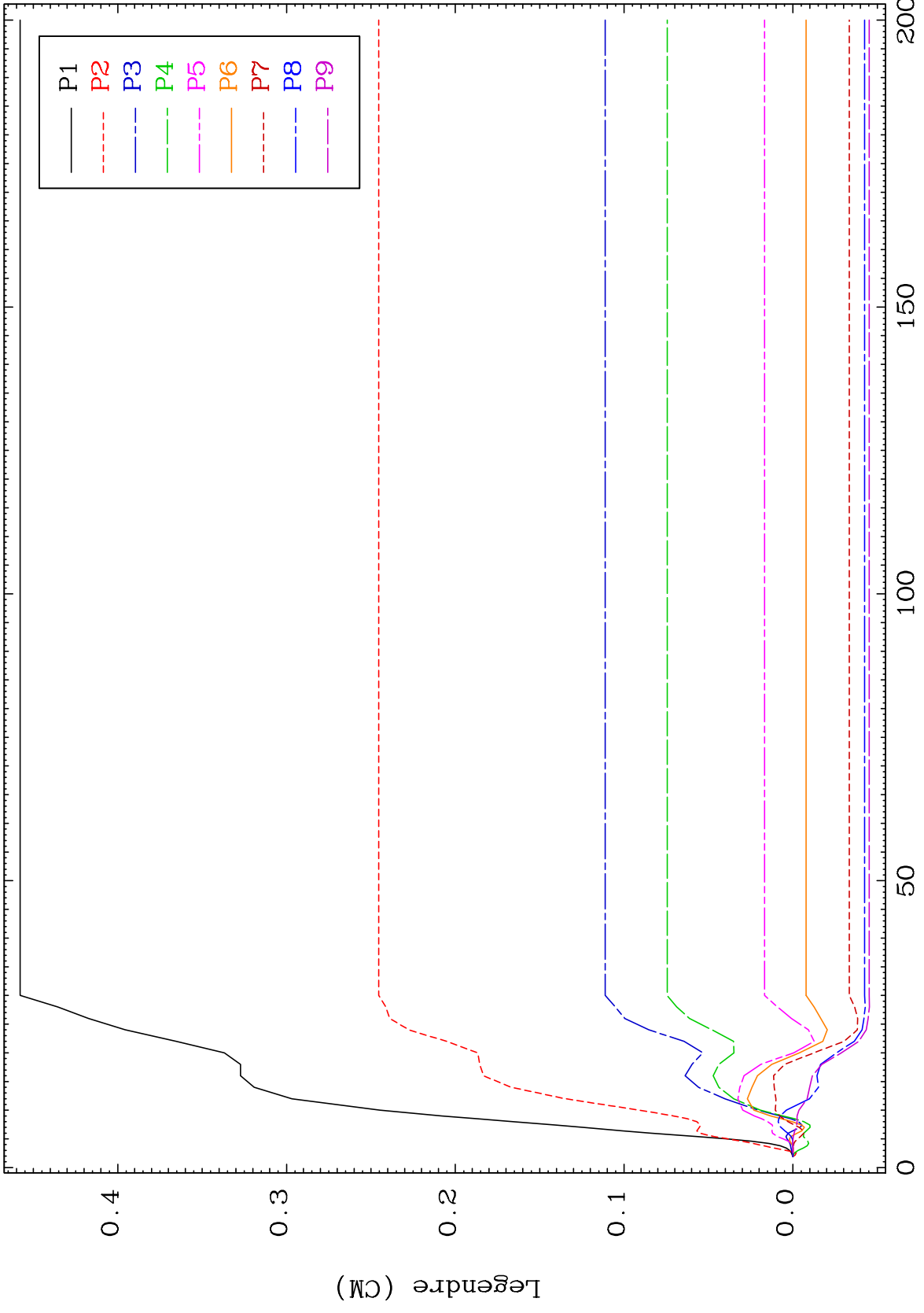


41 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



42

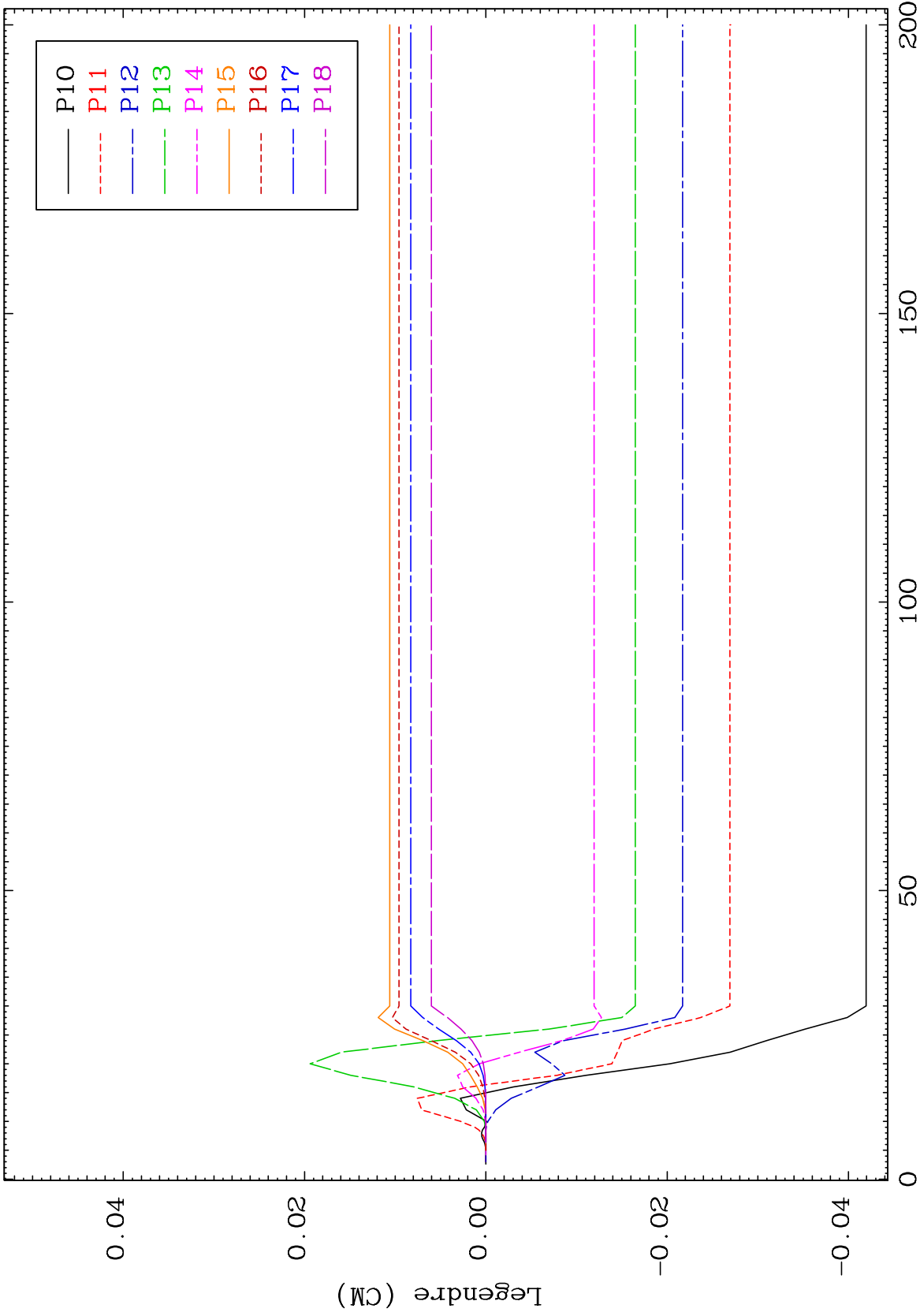
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



43

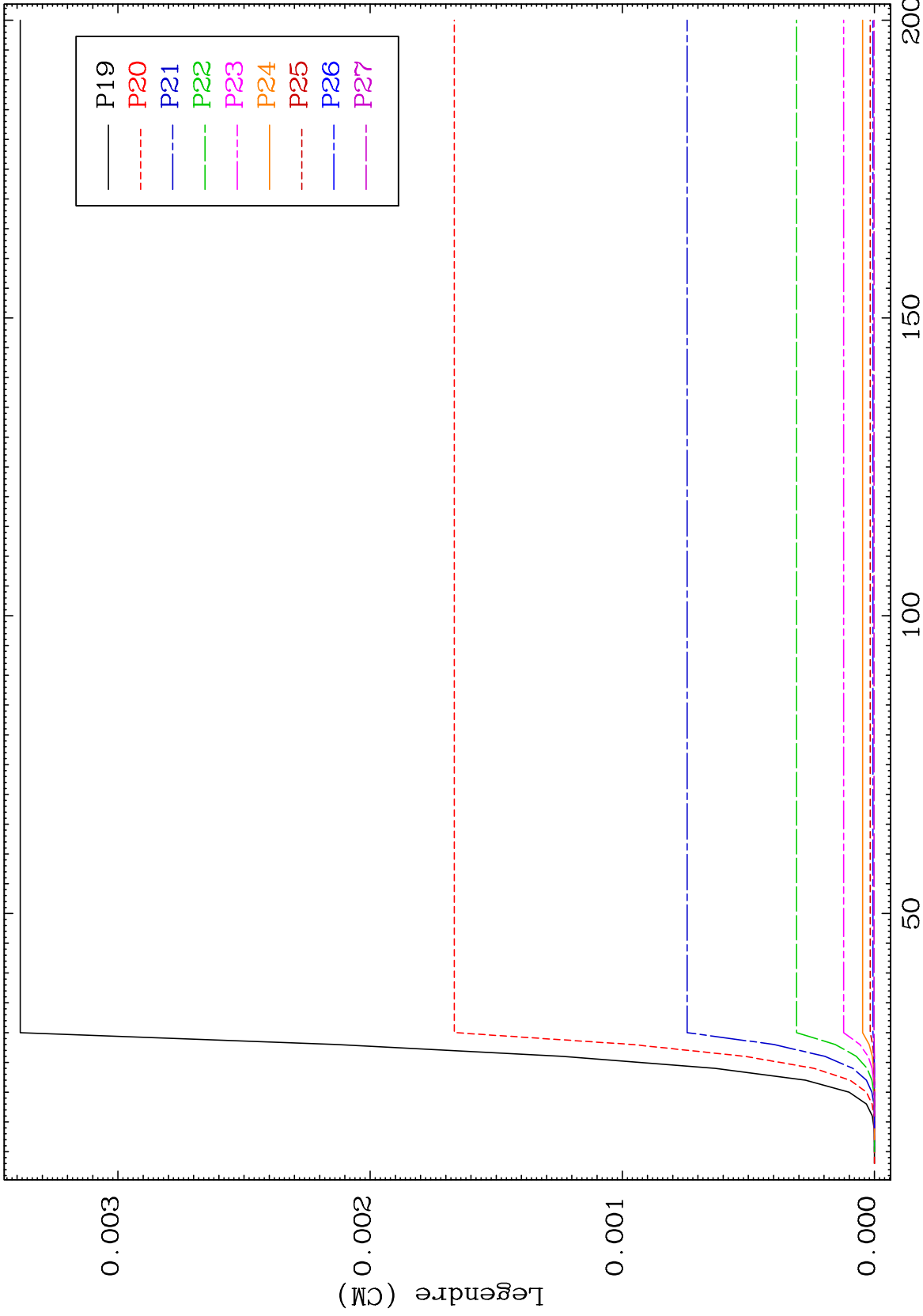
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44

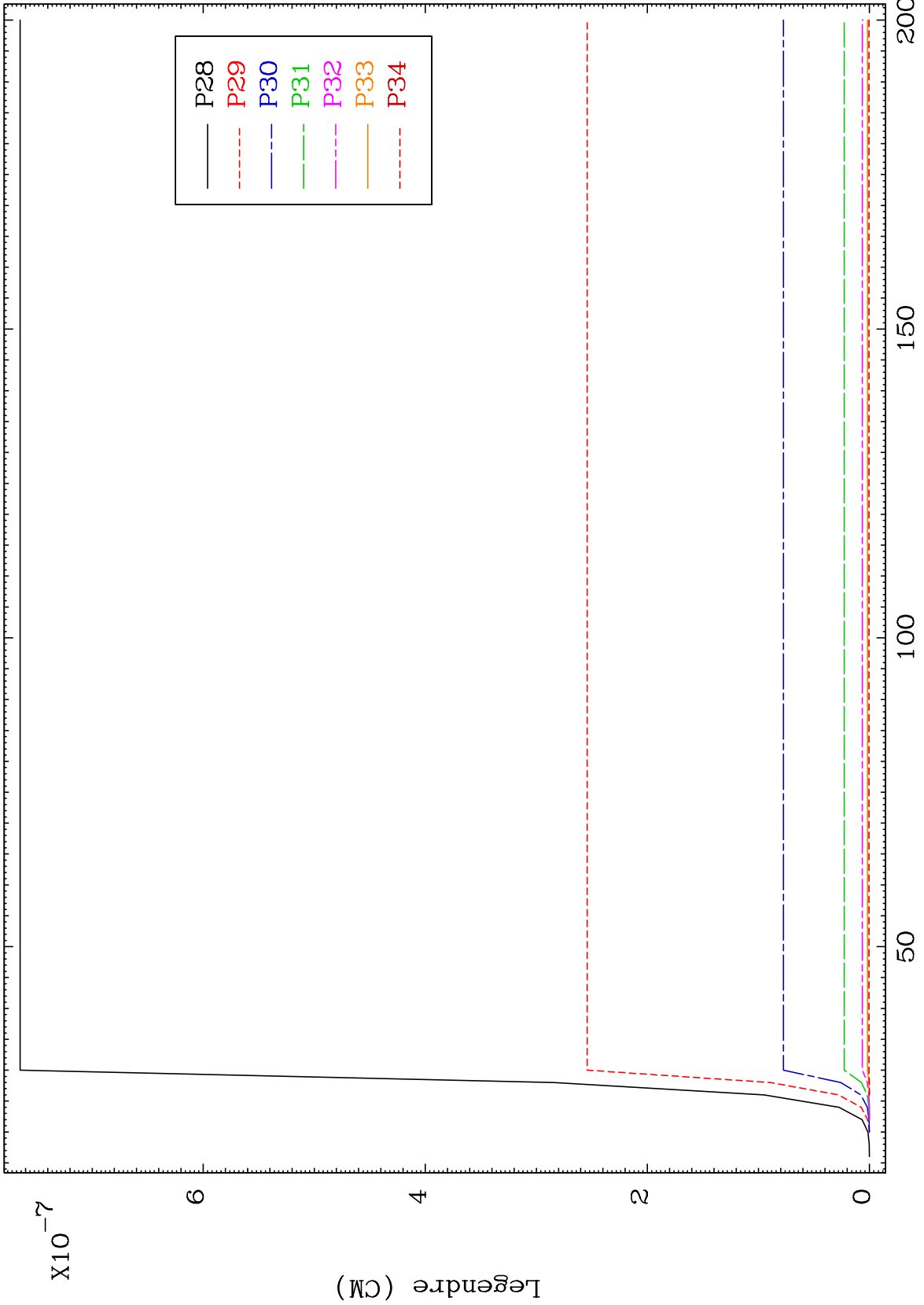
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

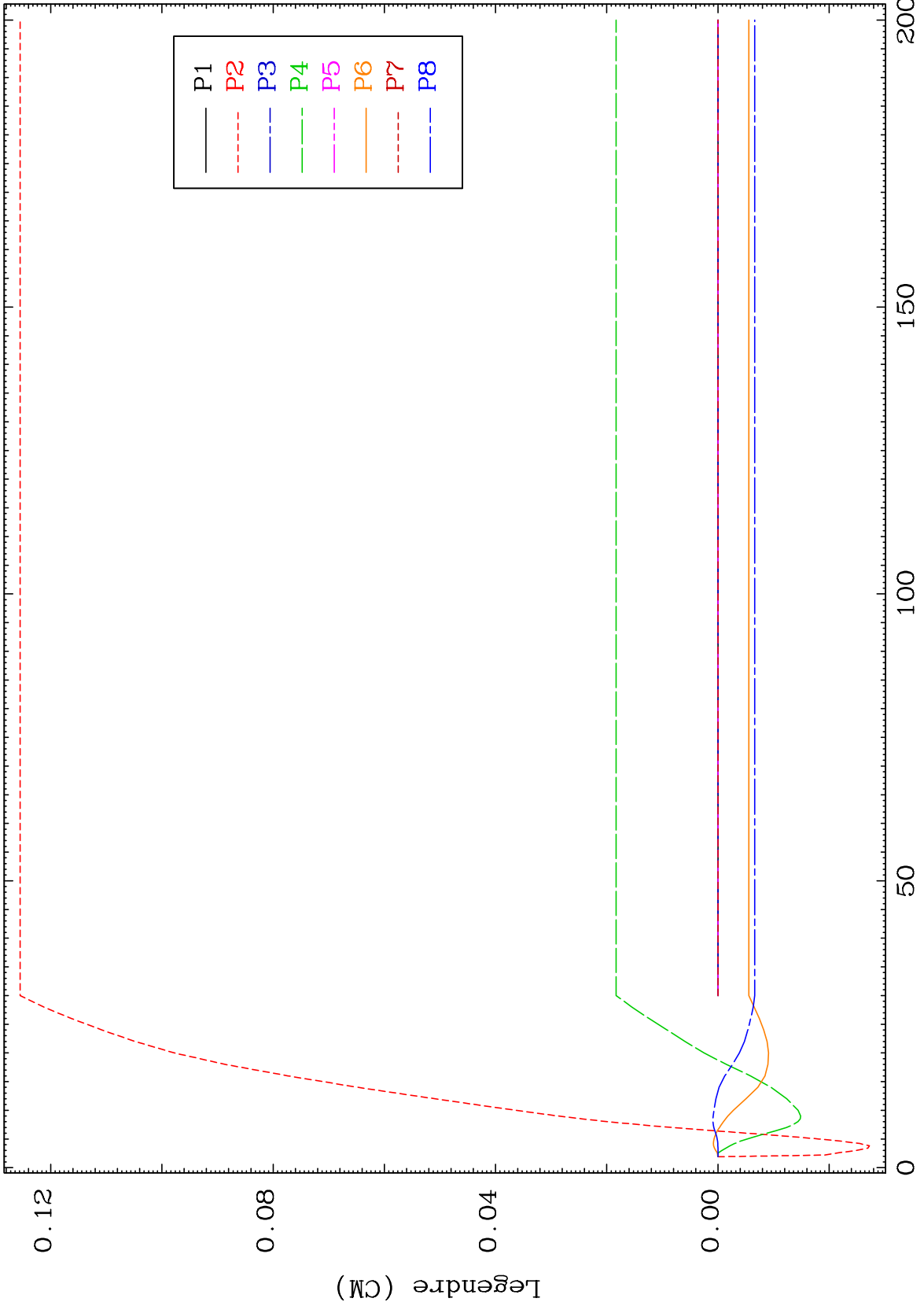


45

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-100

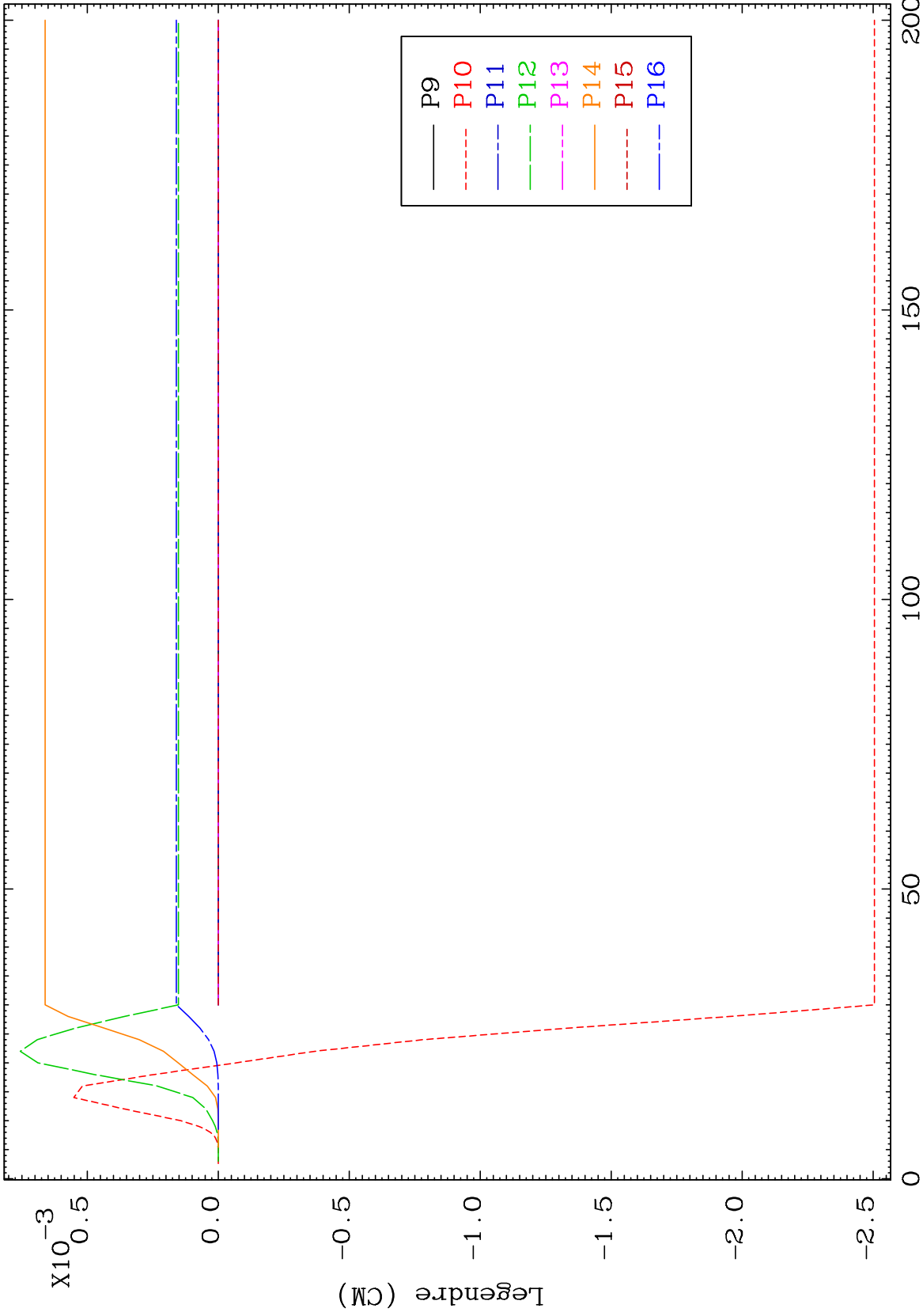


46 44-Ru-100

MAT 4437

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

44-Ru-100



47

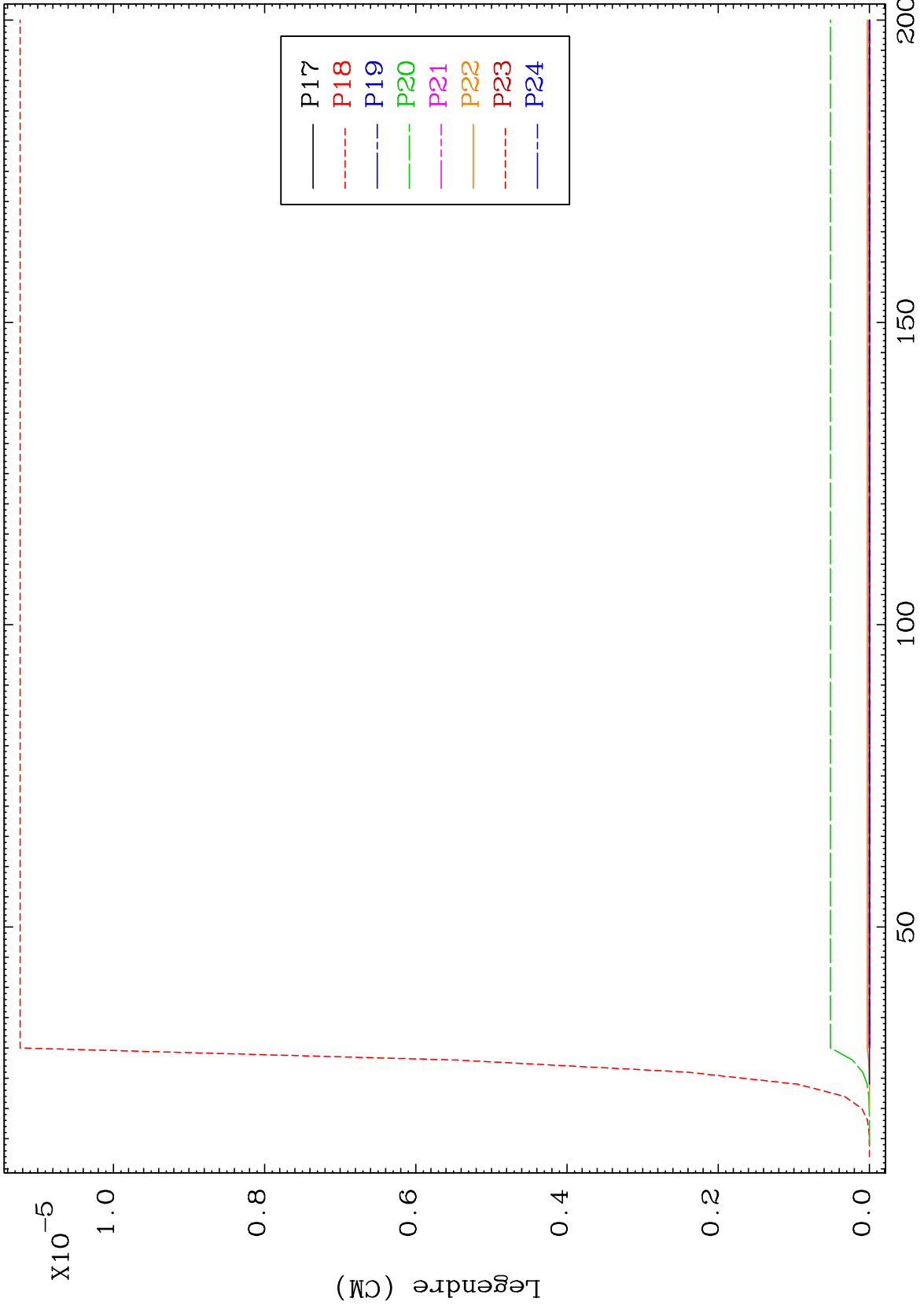
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



48

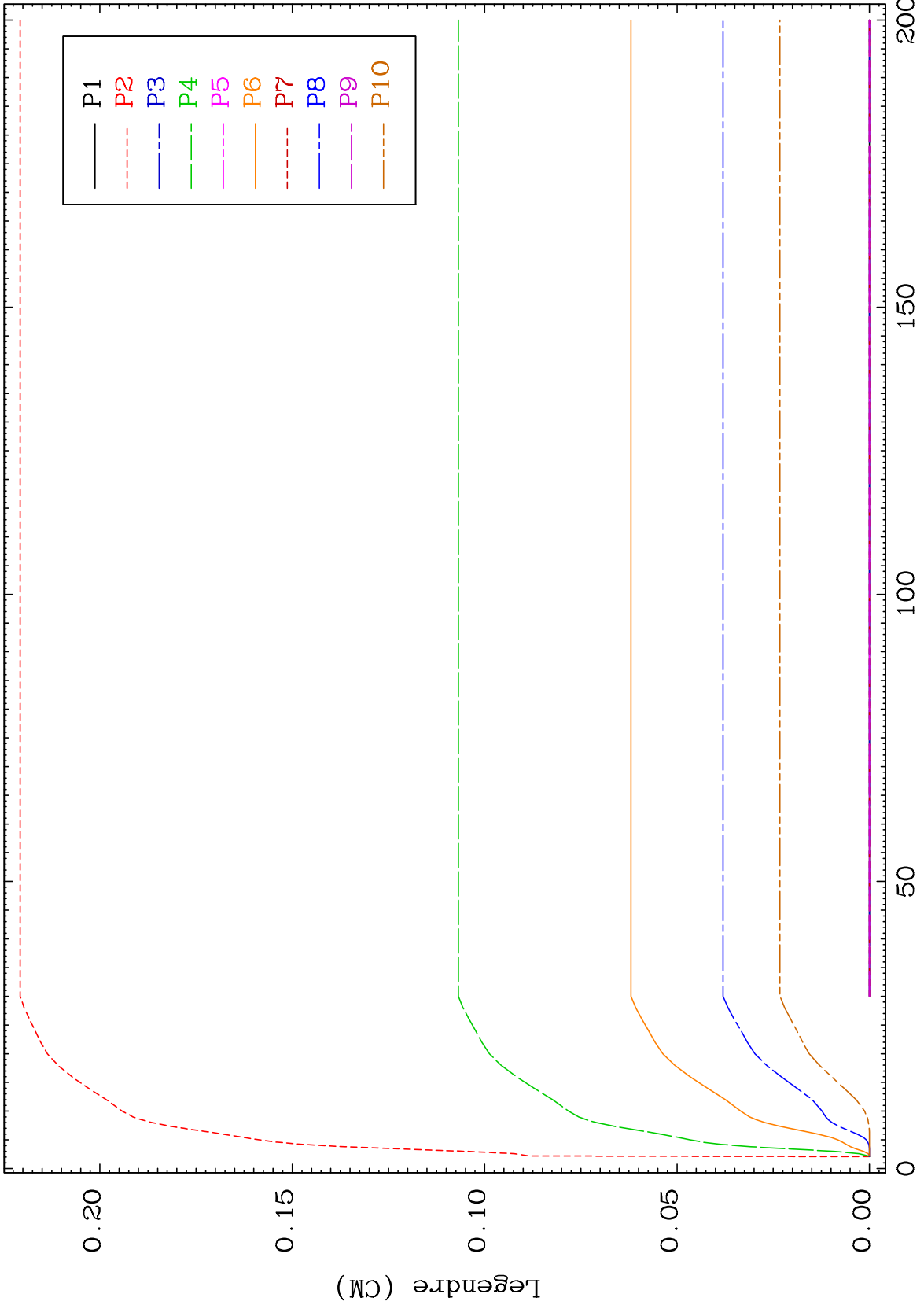
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



49

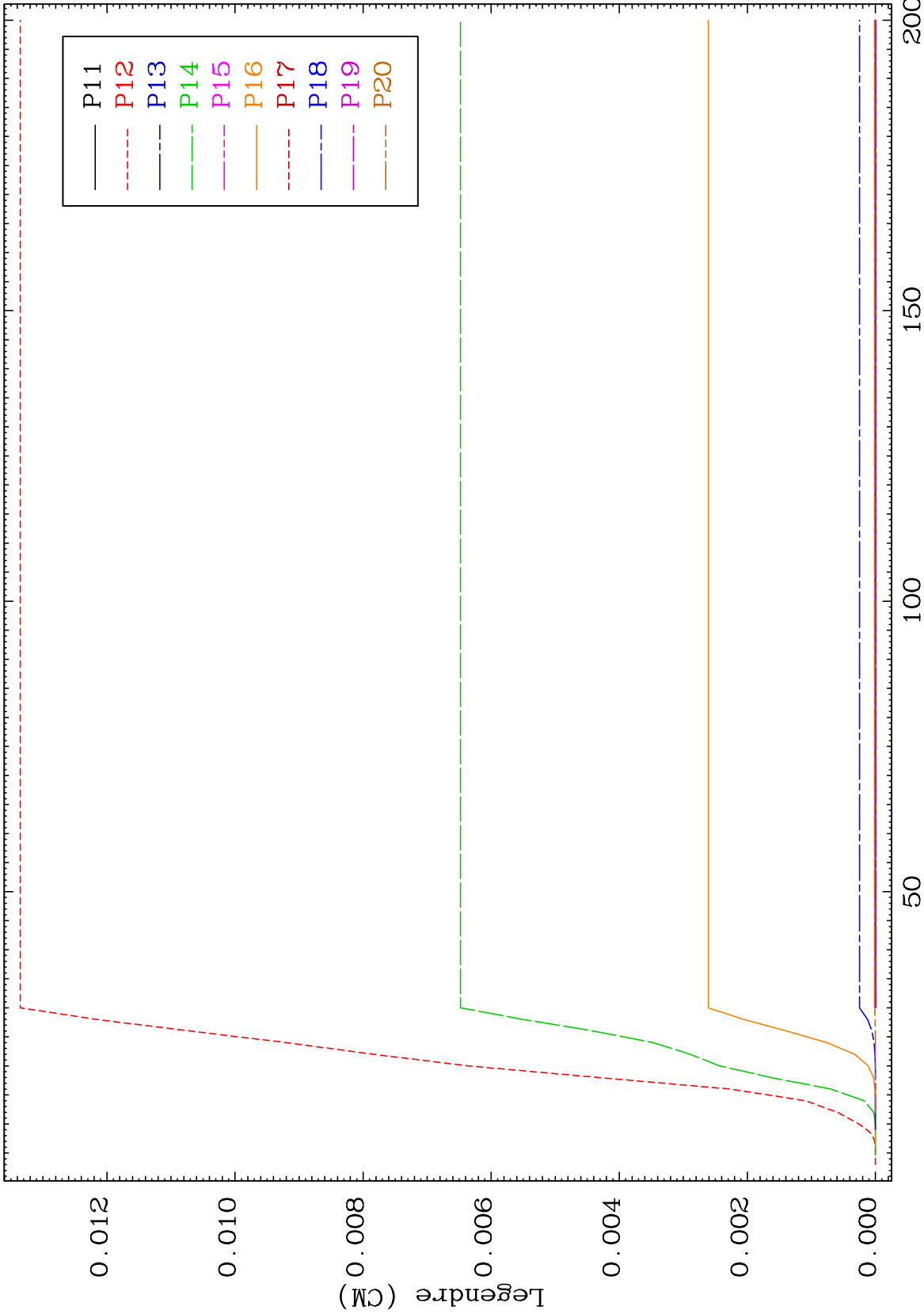
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

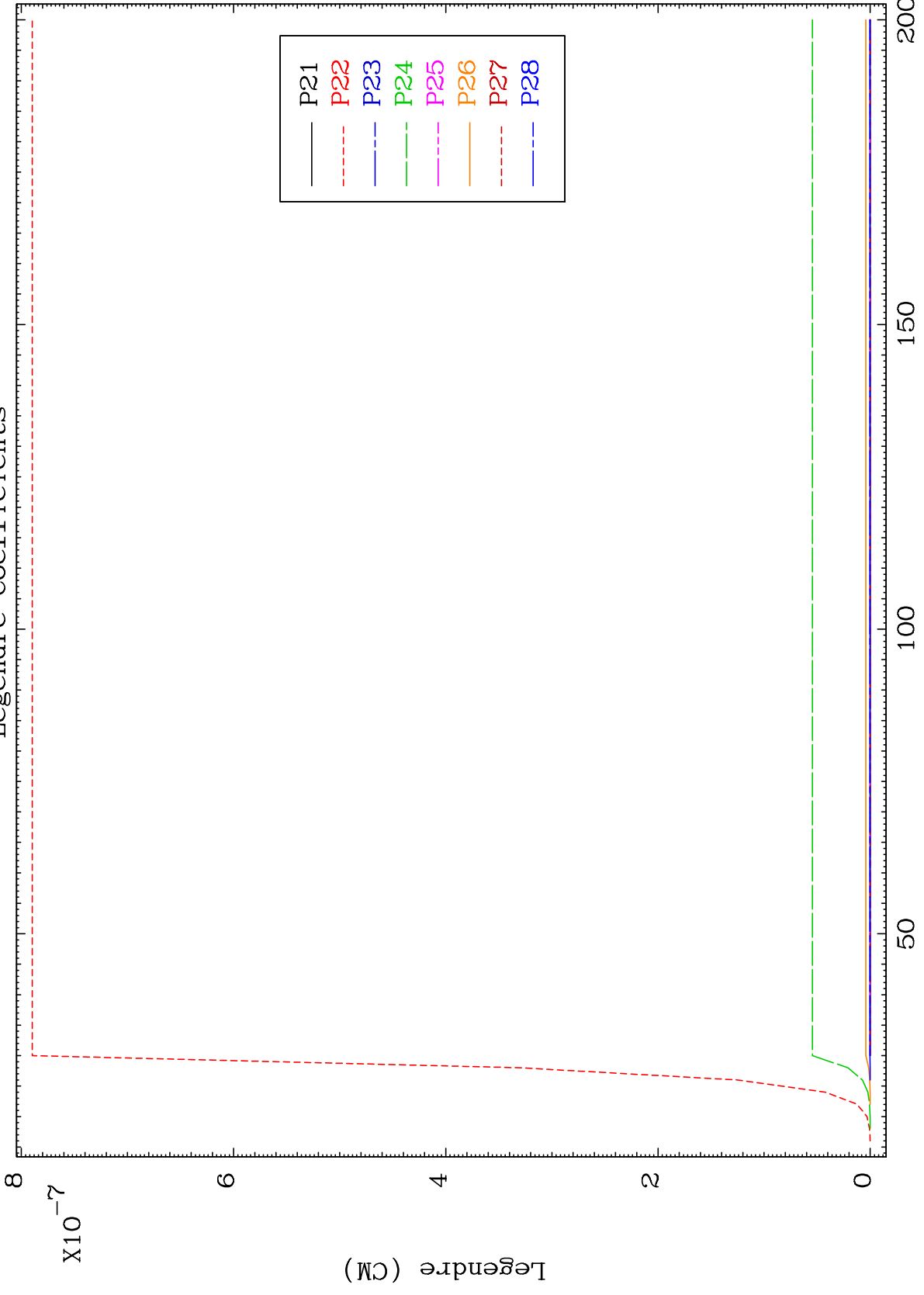


50

Incident Energy (MeV)

44-Ru-100

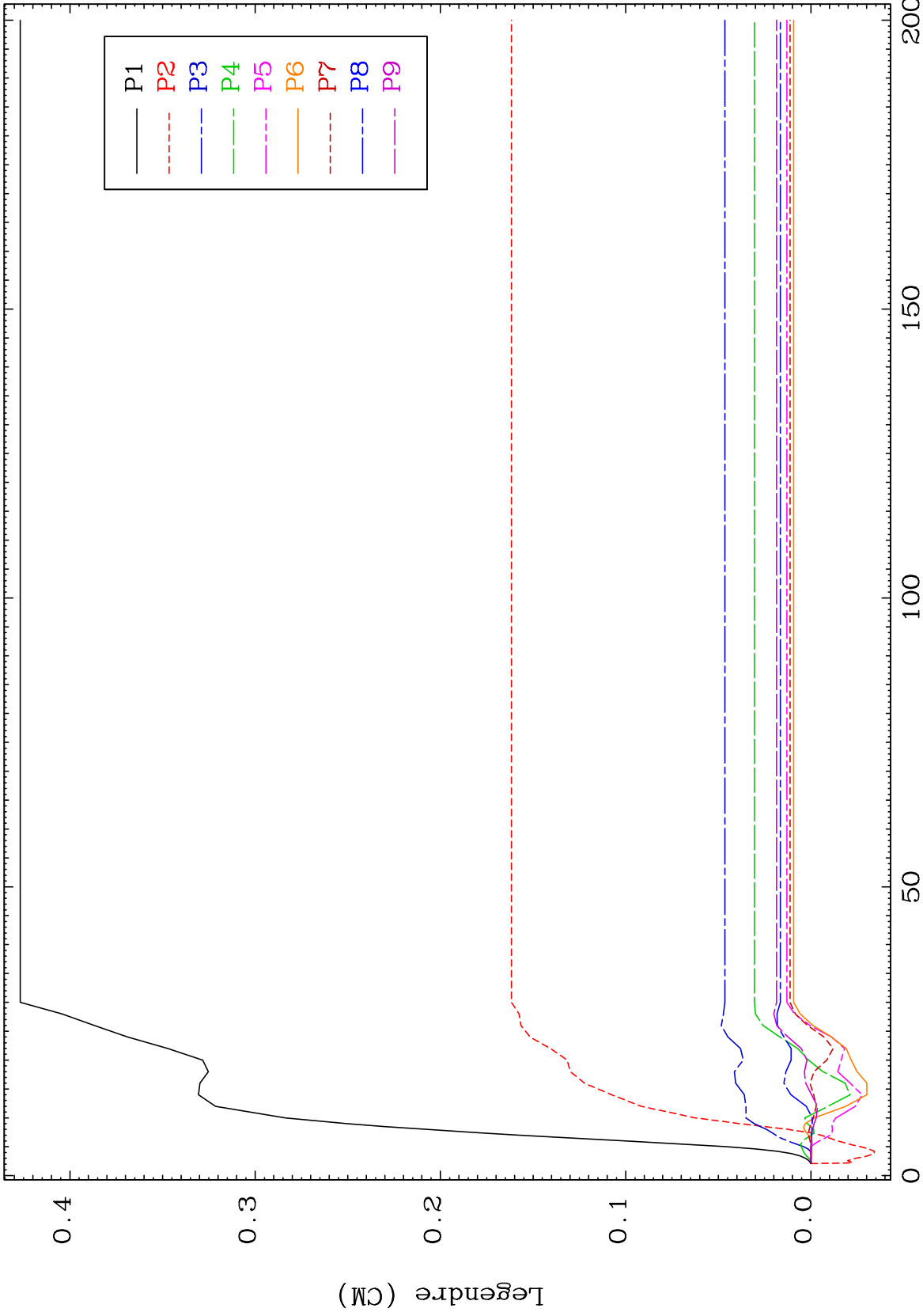
MAT 4437 MT= 59 (n,n') Level Legendre Coefficients 44-Ru-100



MAT 4437

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

44-Ru-100



52

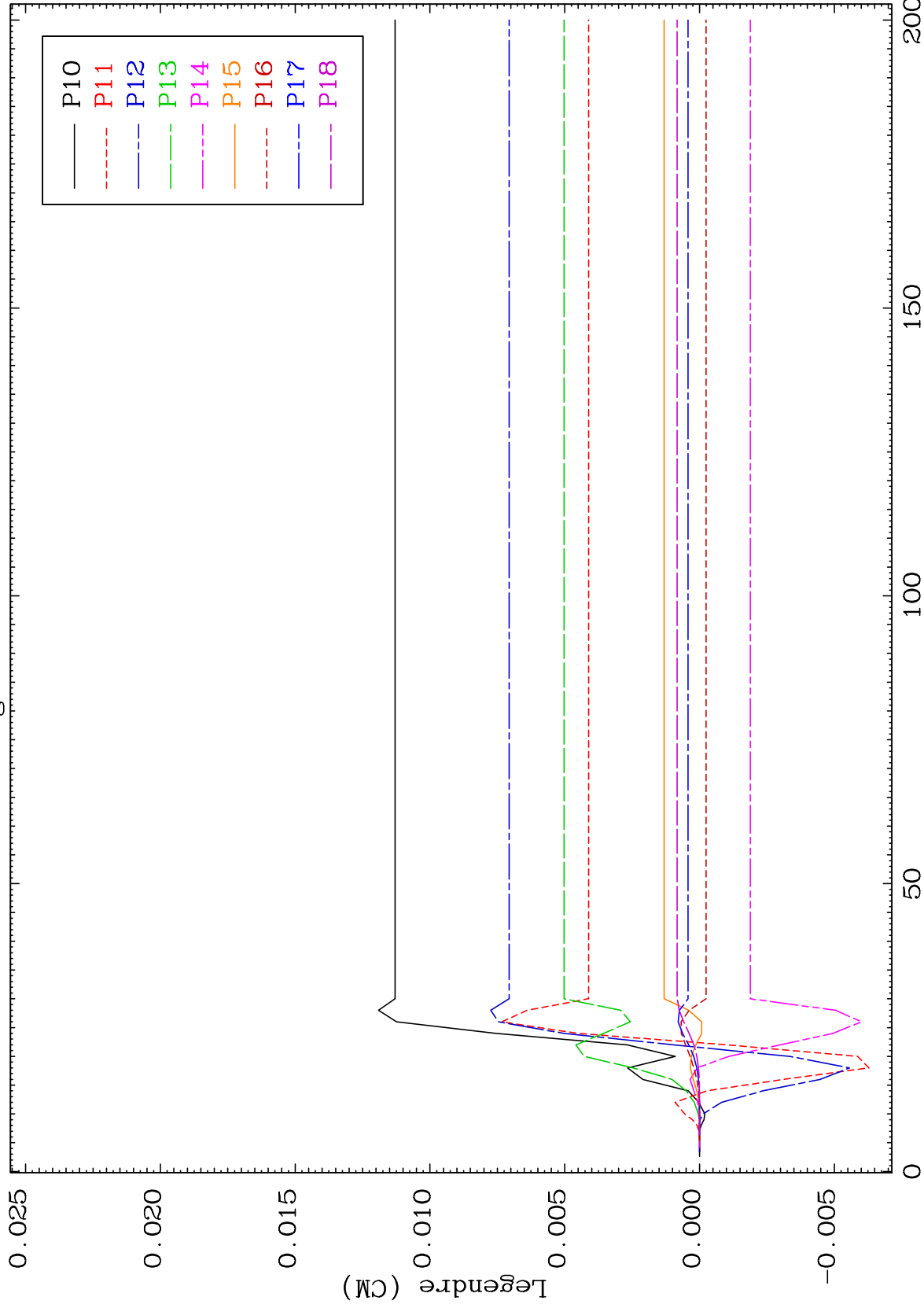
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



53

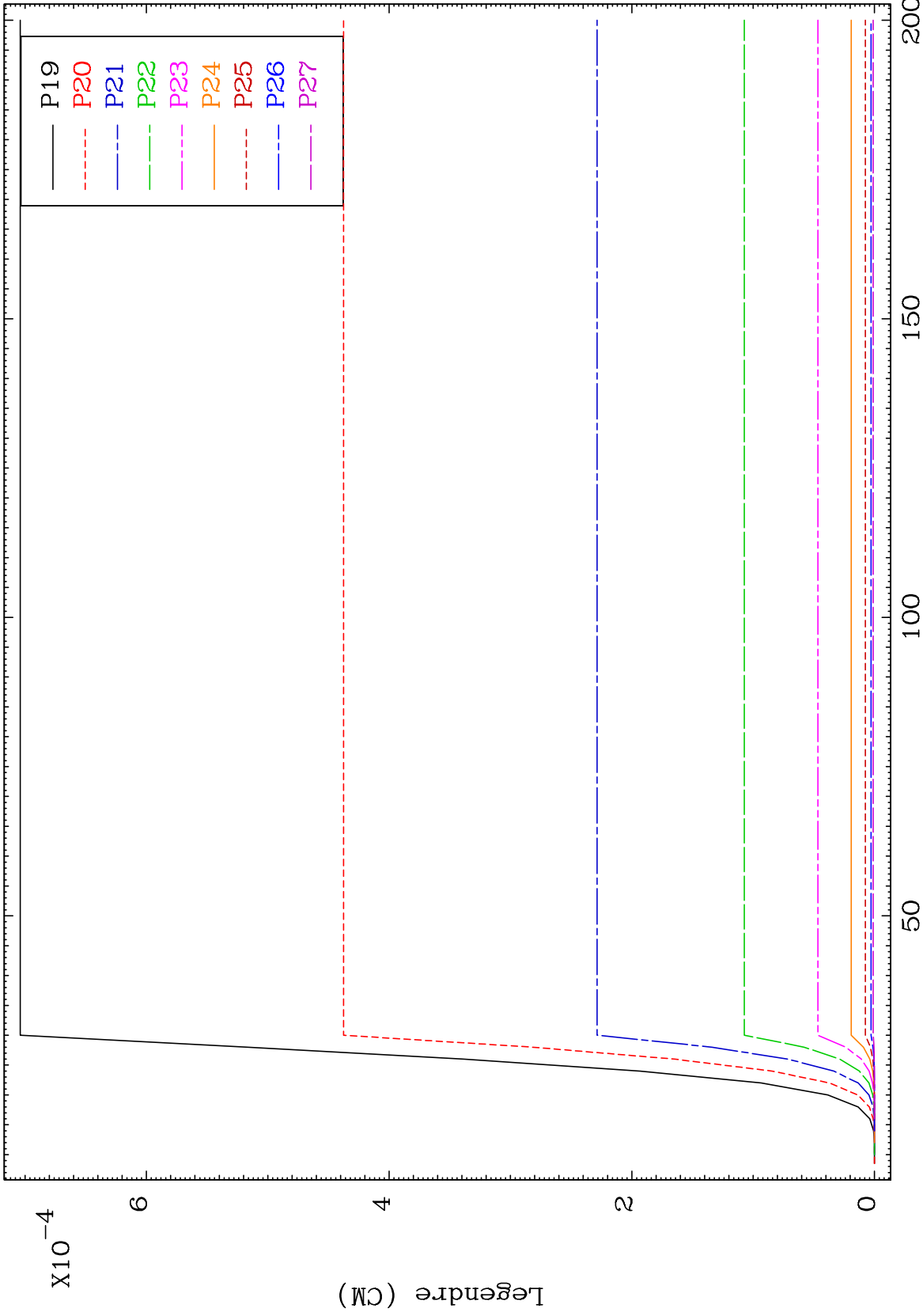
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



54

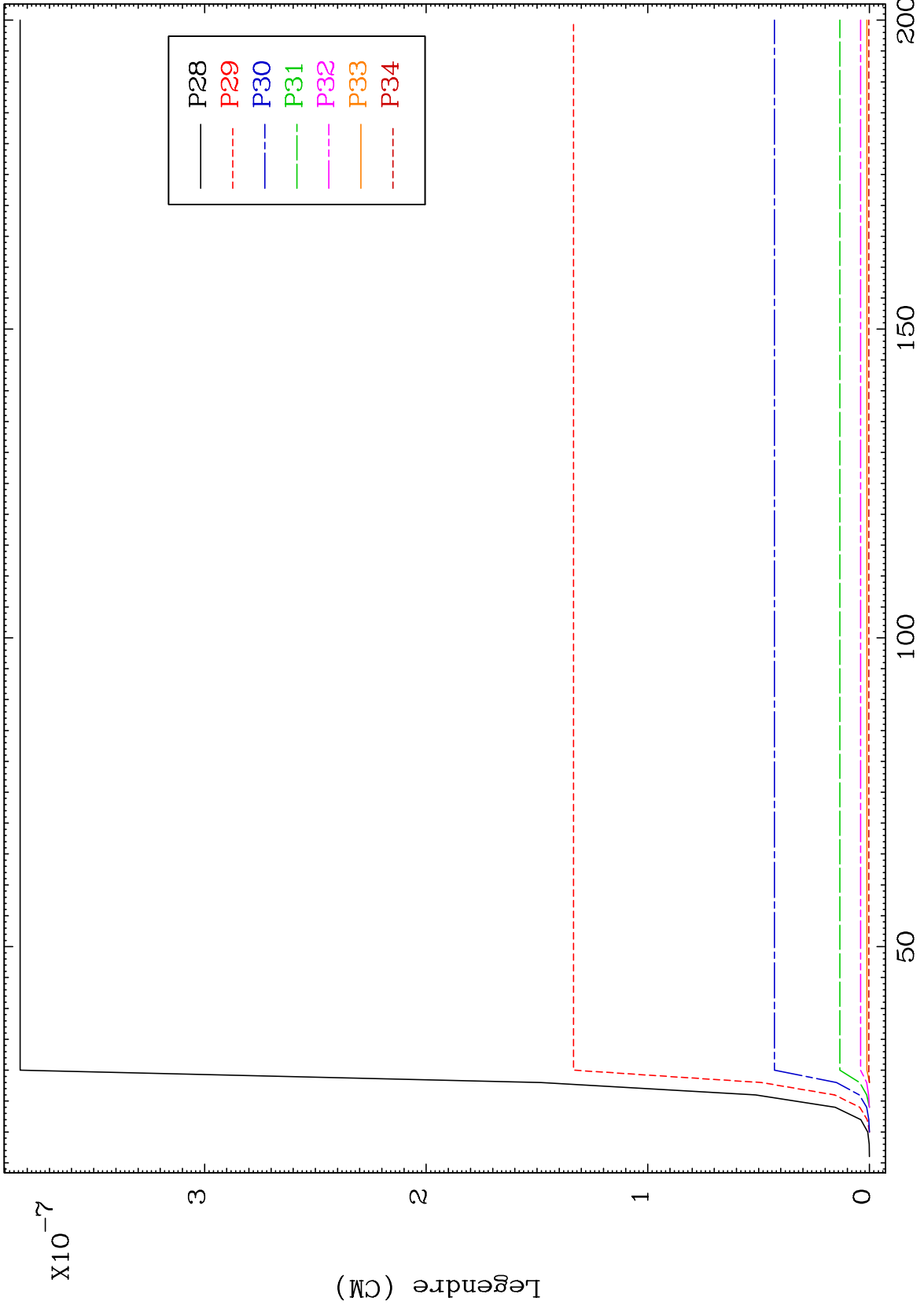
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



55

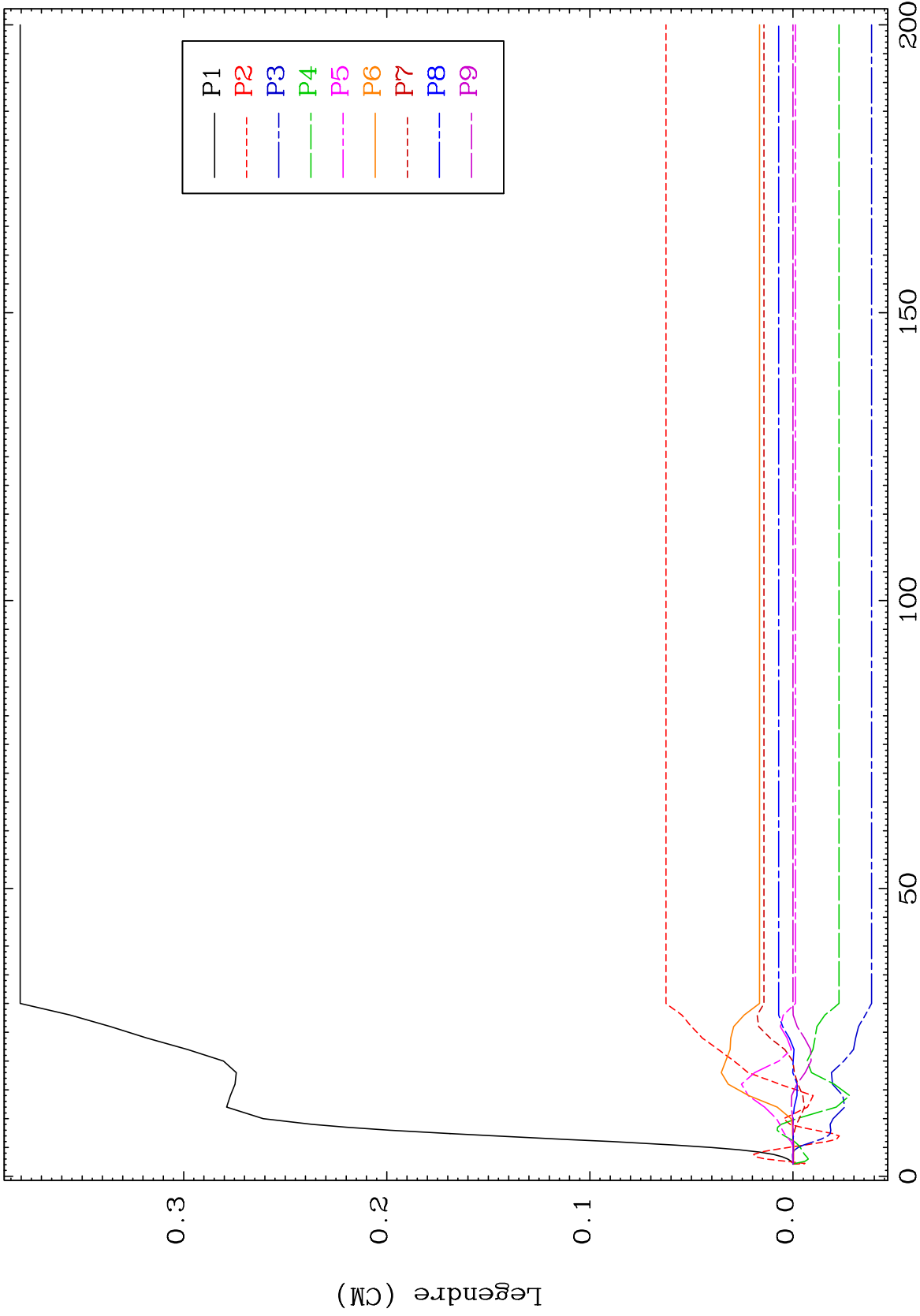
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



56

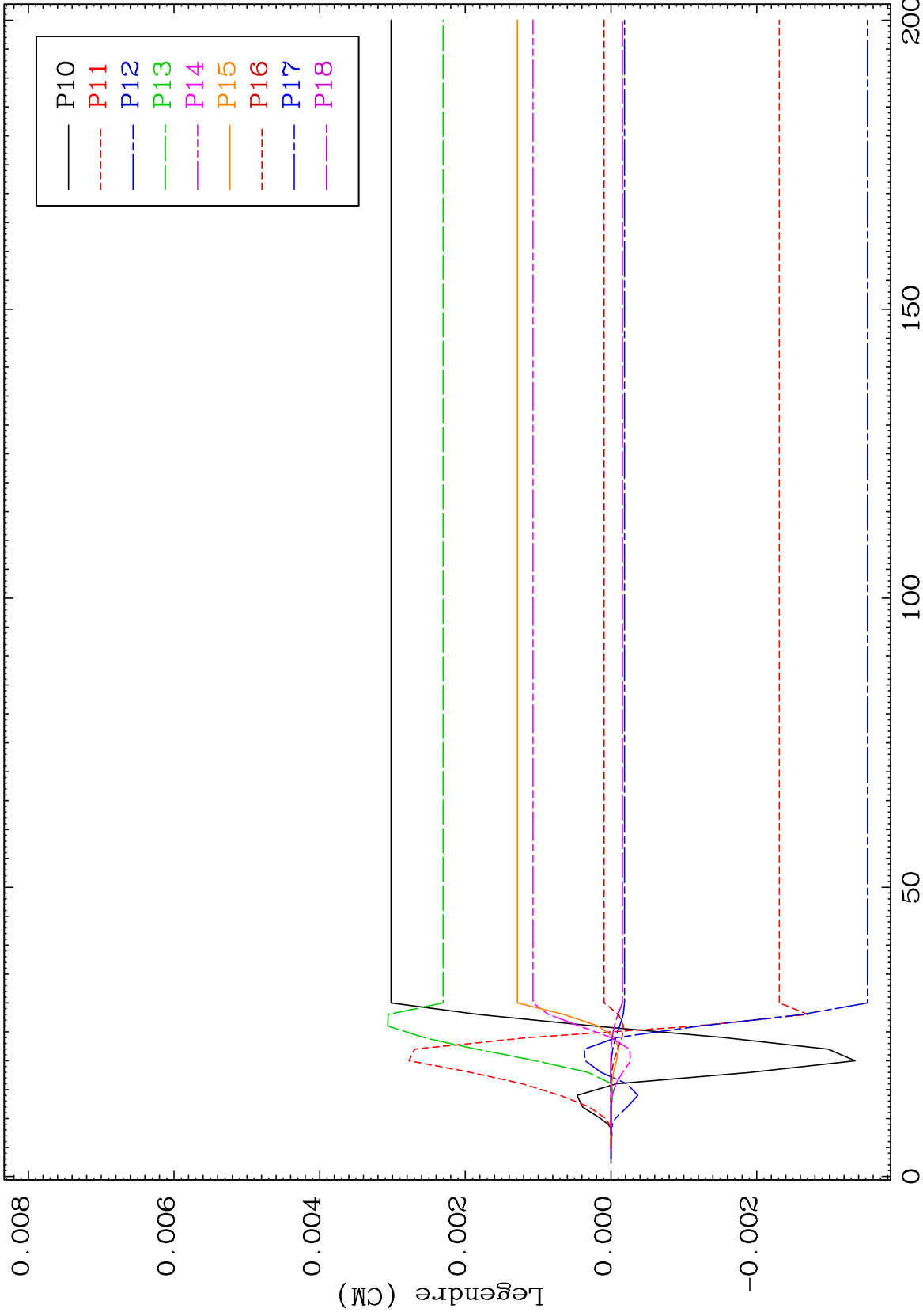
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



57

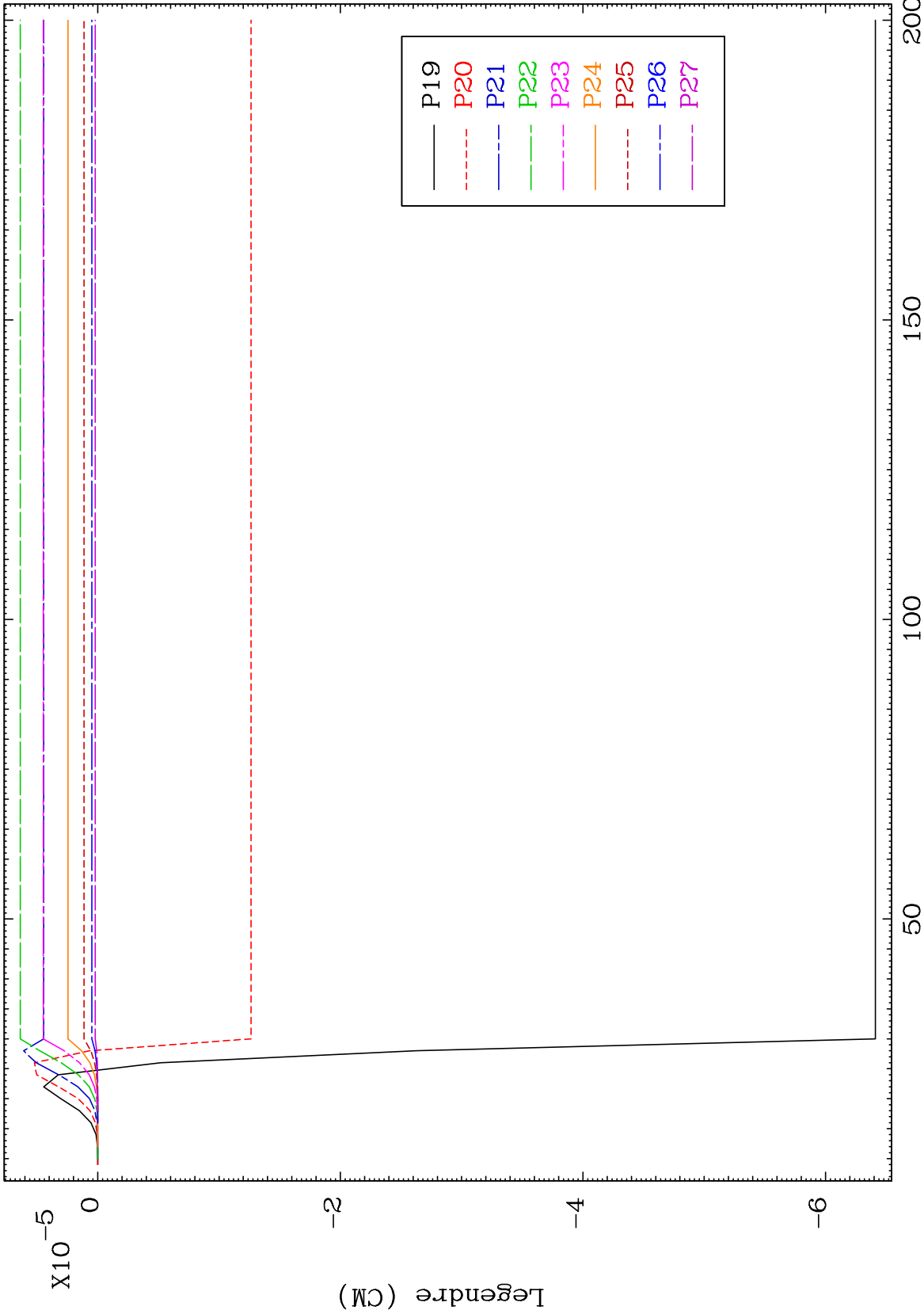
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

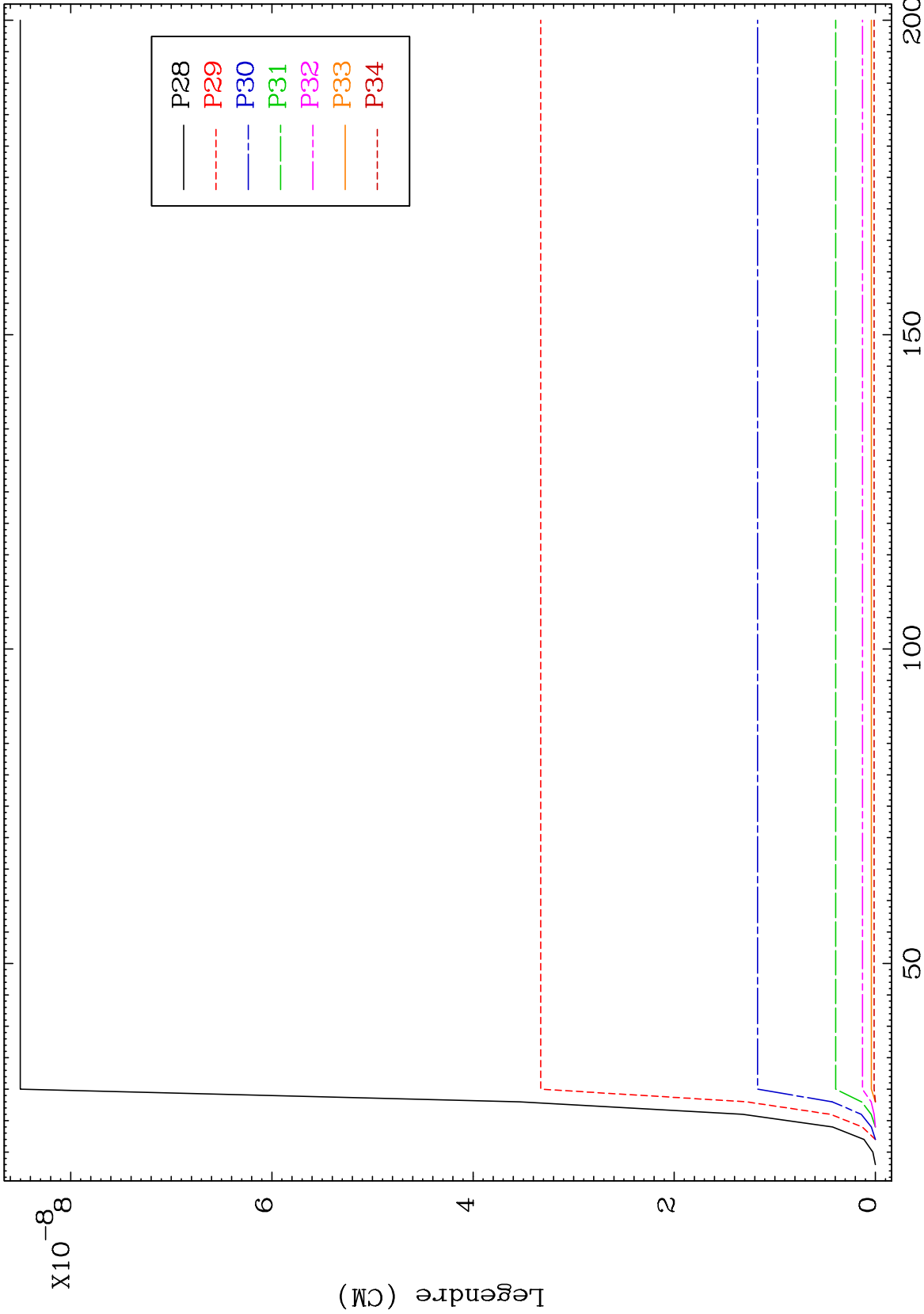
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



59

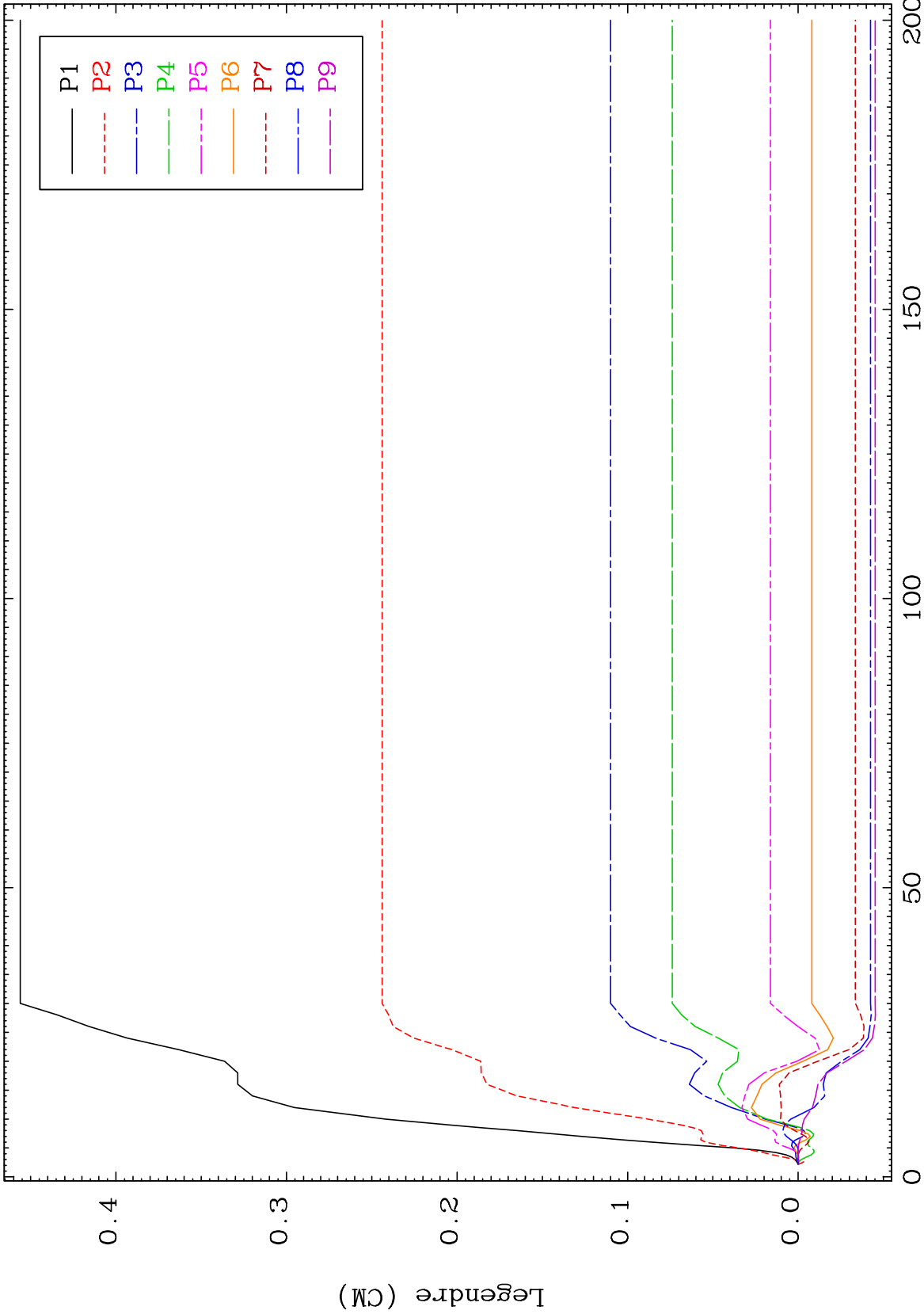
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



60

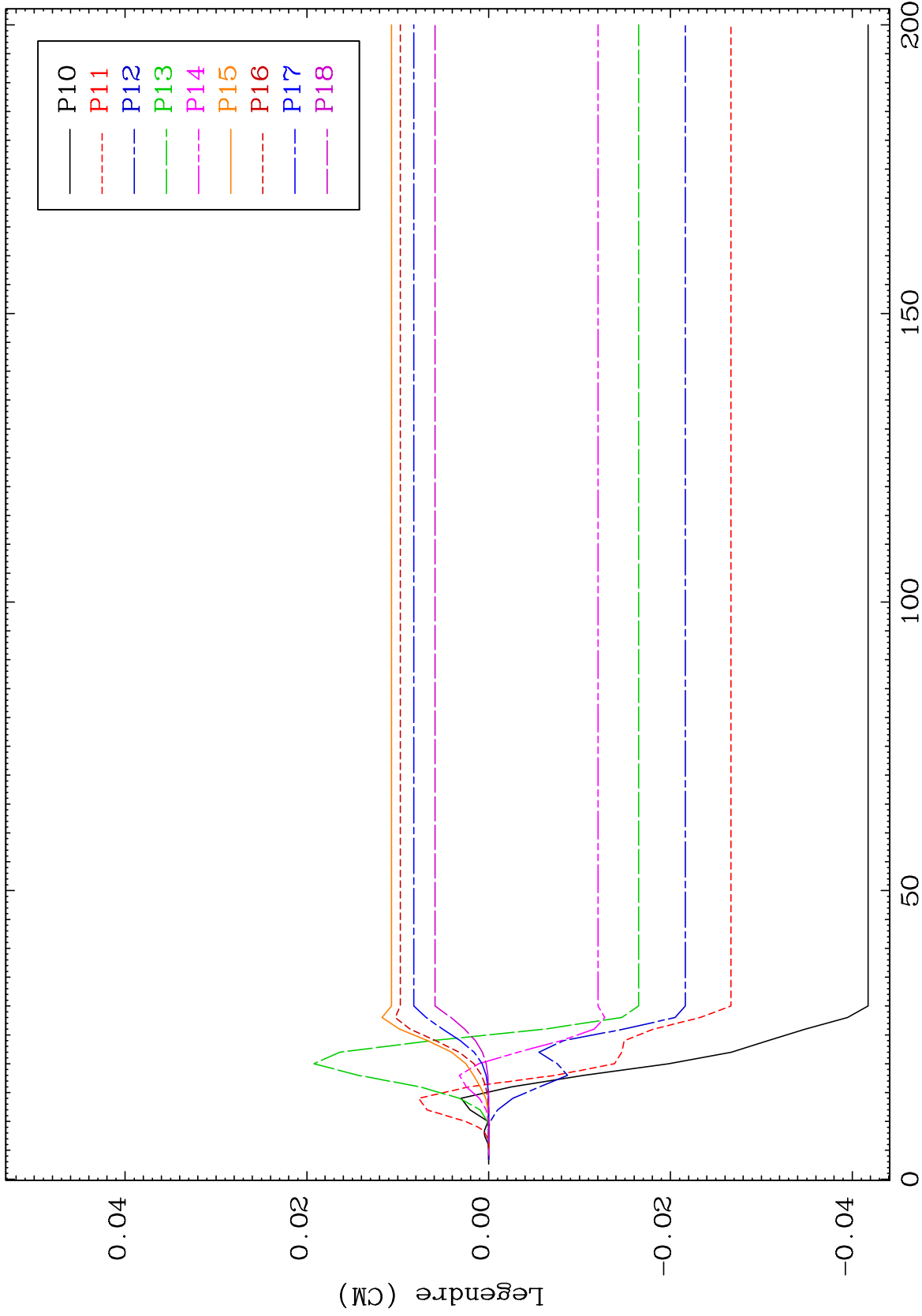
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



61

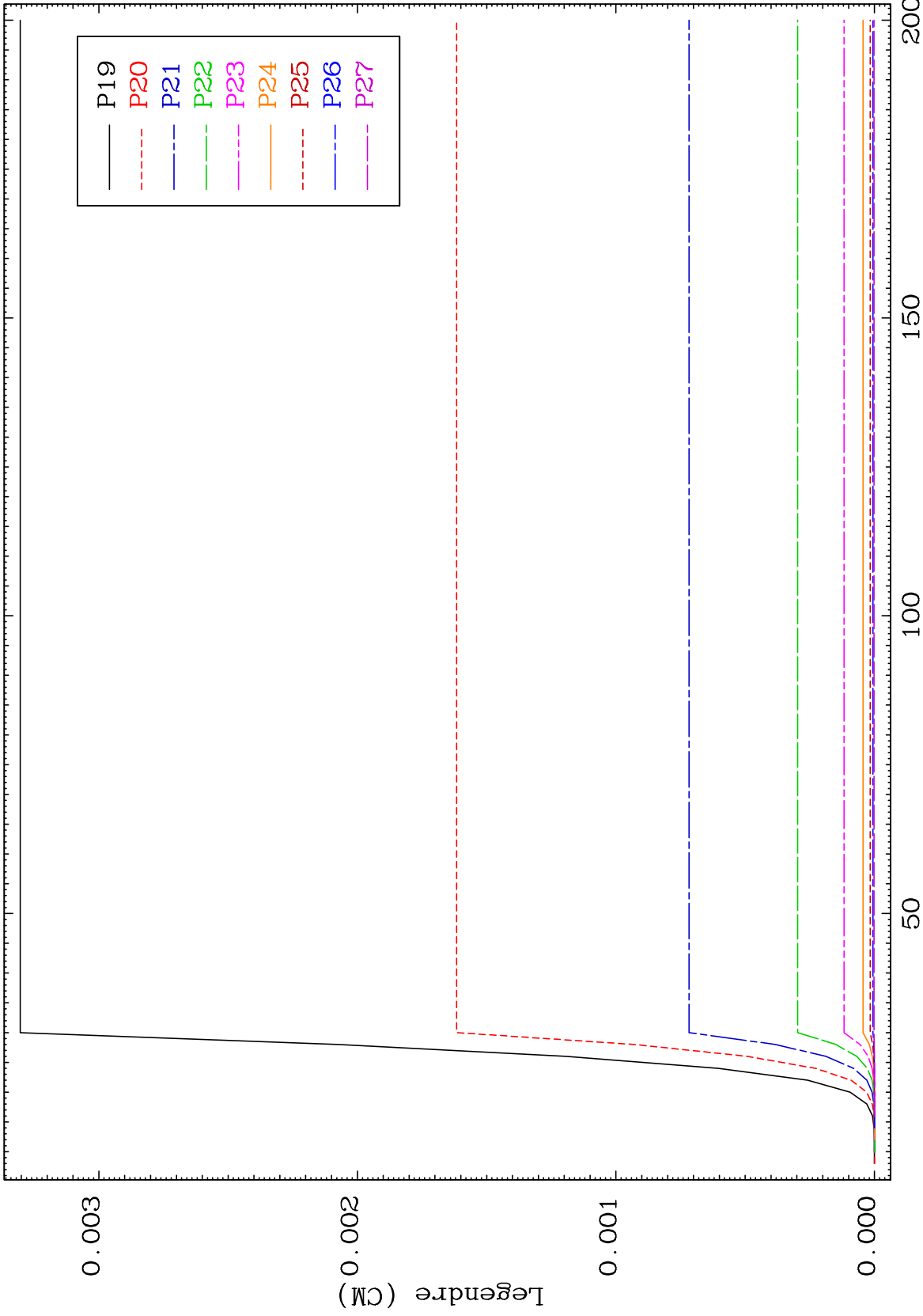
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

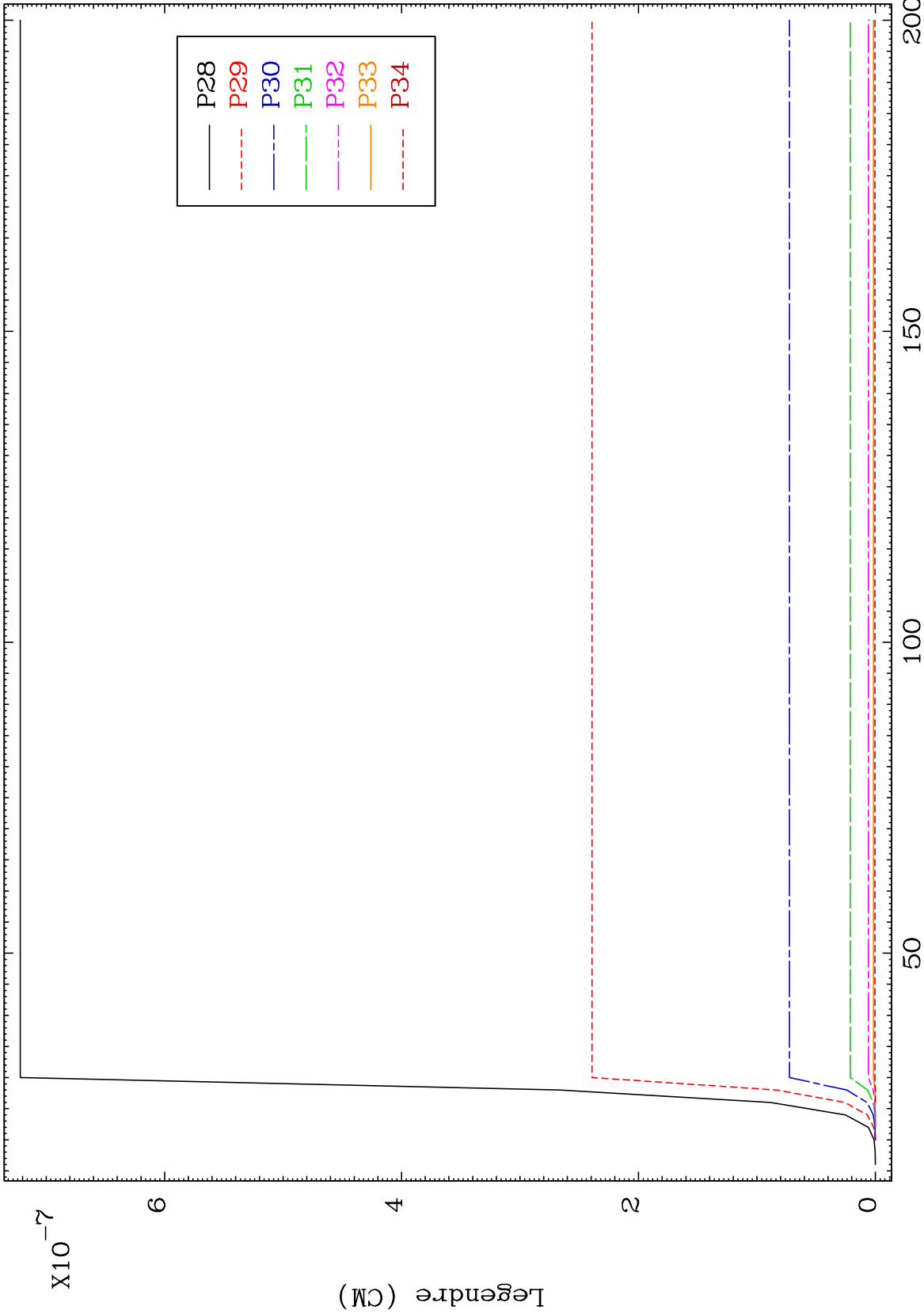
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



63

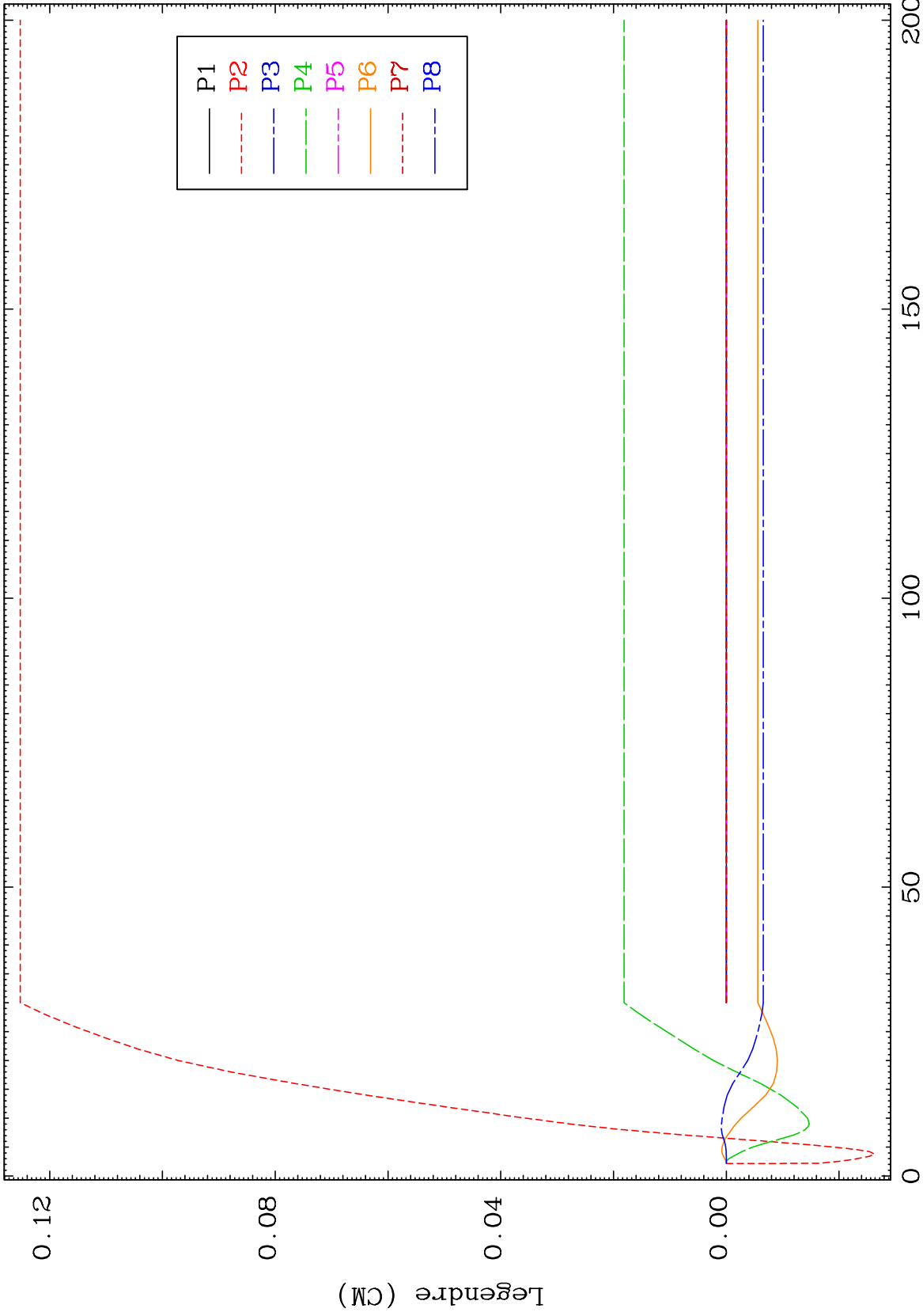
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



64

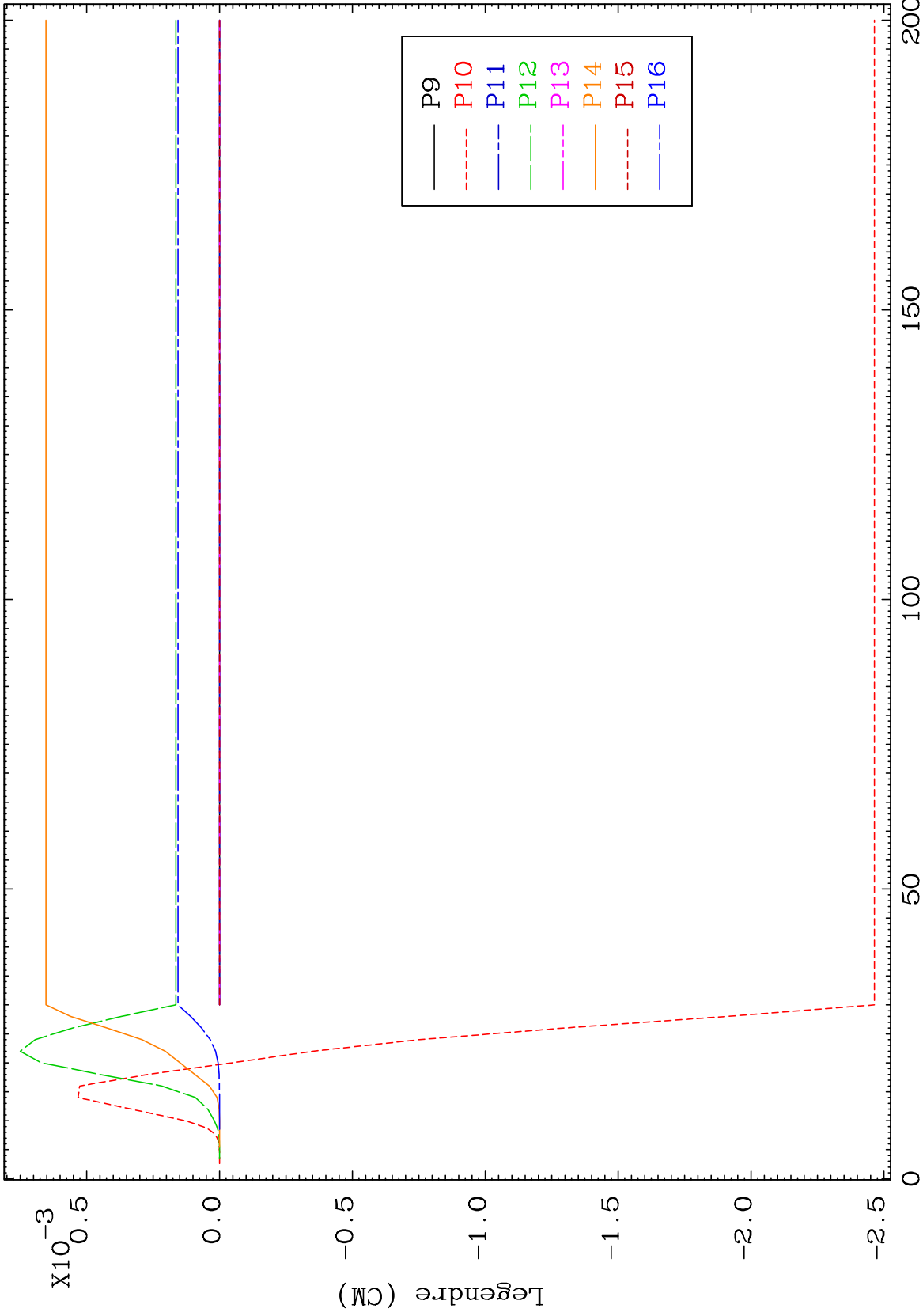
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

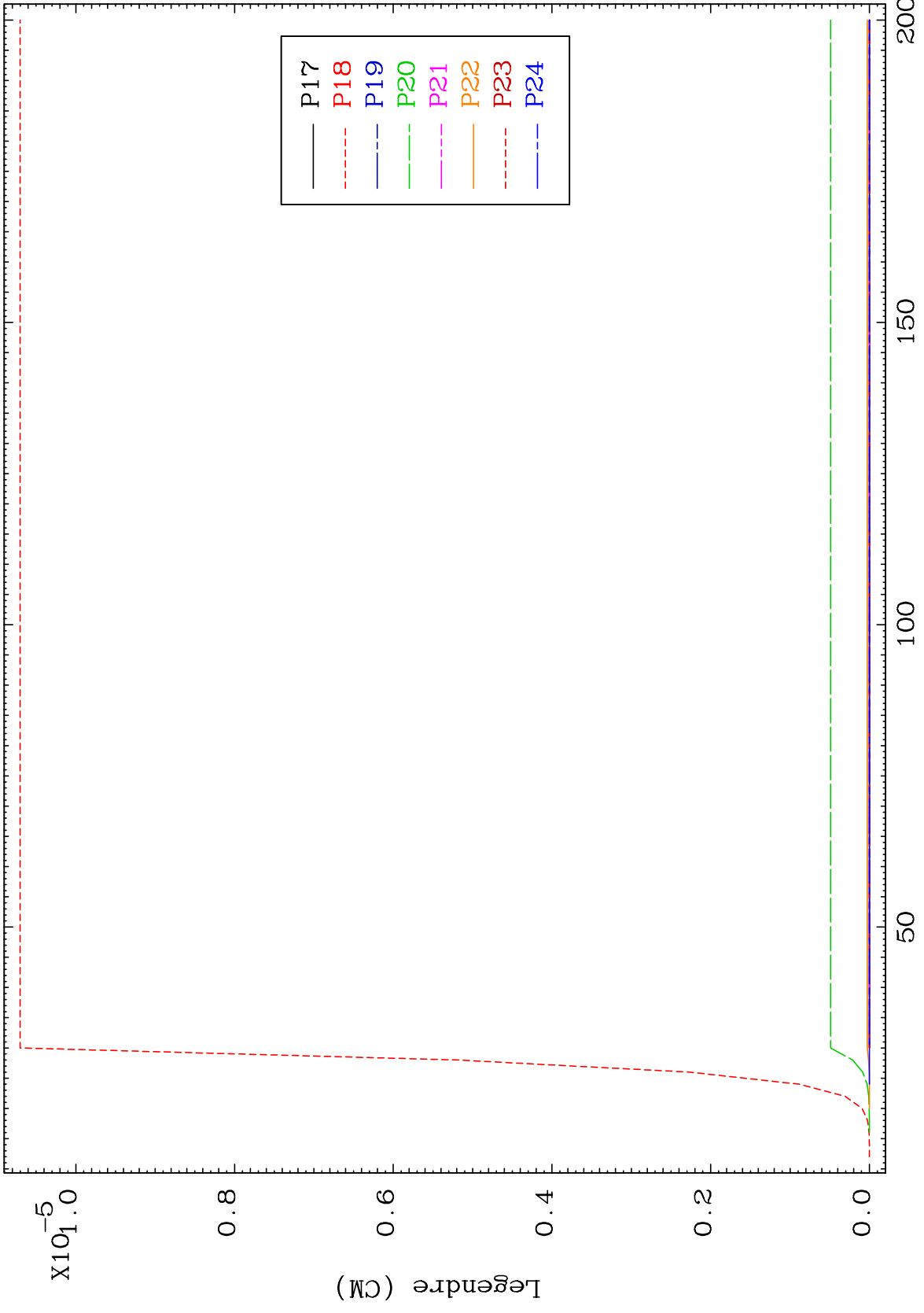


65

Incident Energy (MeV)

44-Ru-100

MAT 4437 MT= 63 (n,n') Level Legendre Coefficients 44-Ru-100

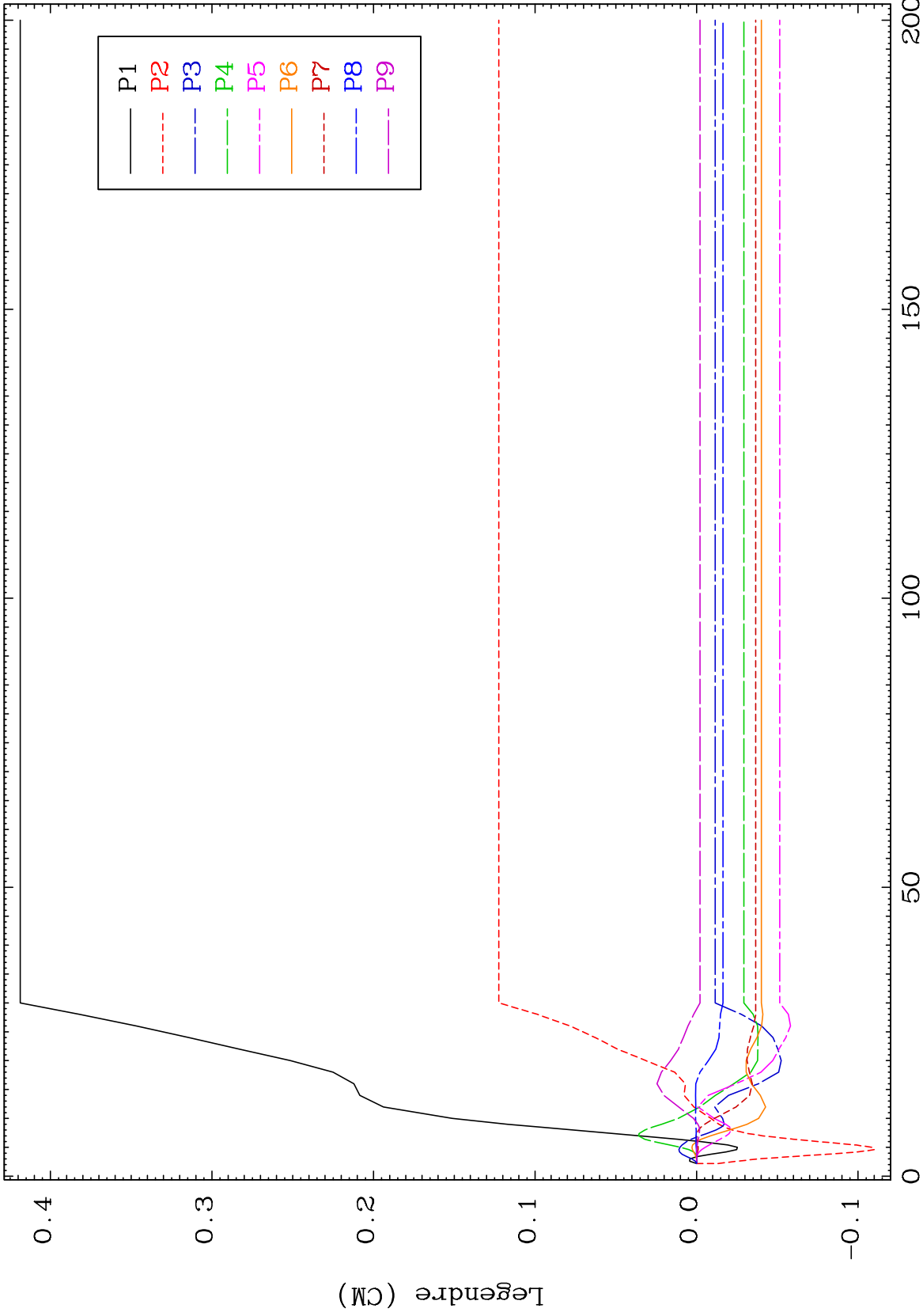


66 44-Ru-100

MAT 4437

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

44-Ru-100



67

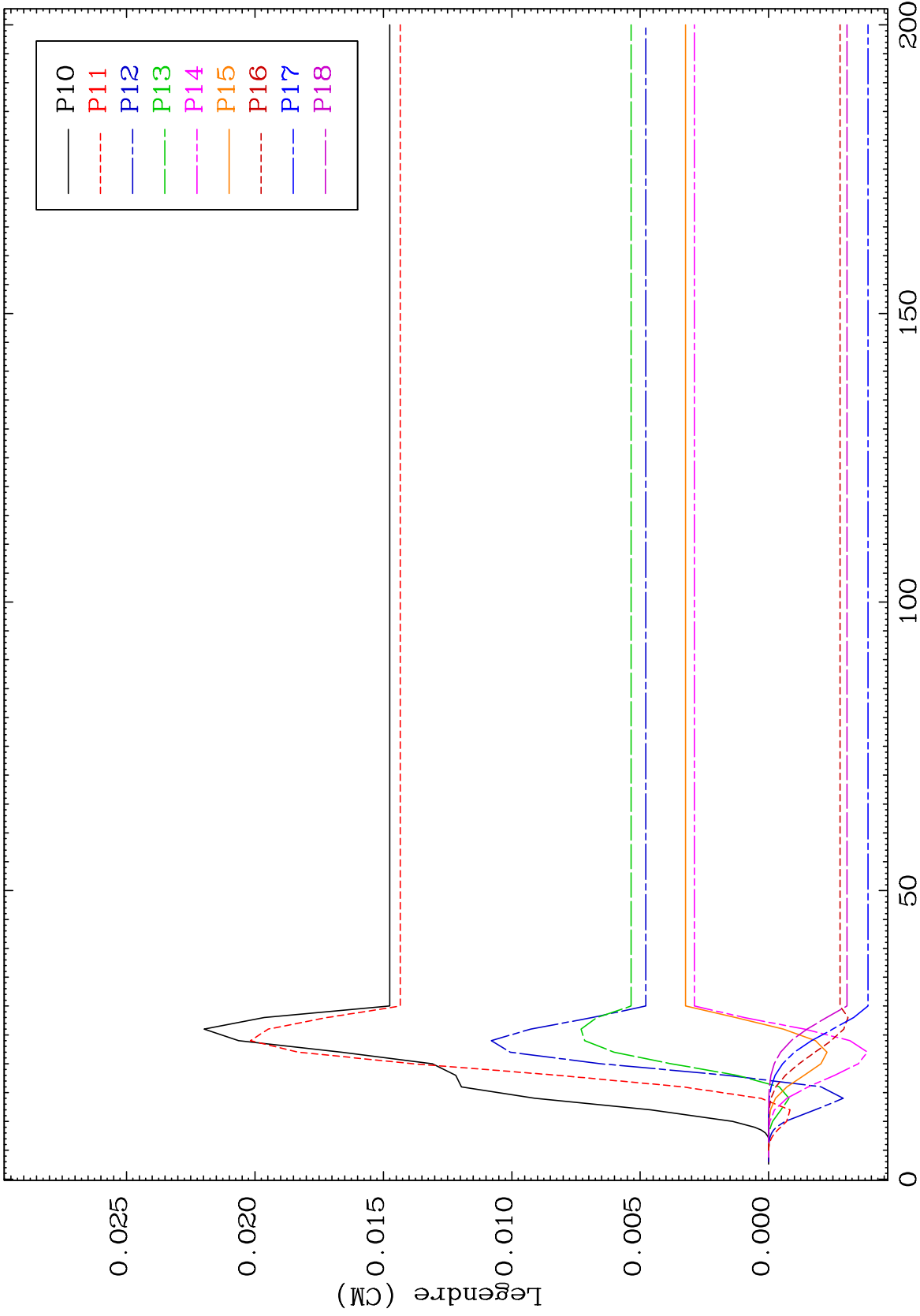
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



68

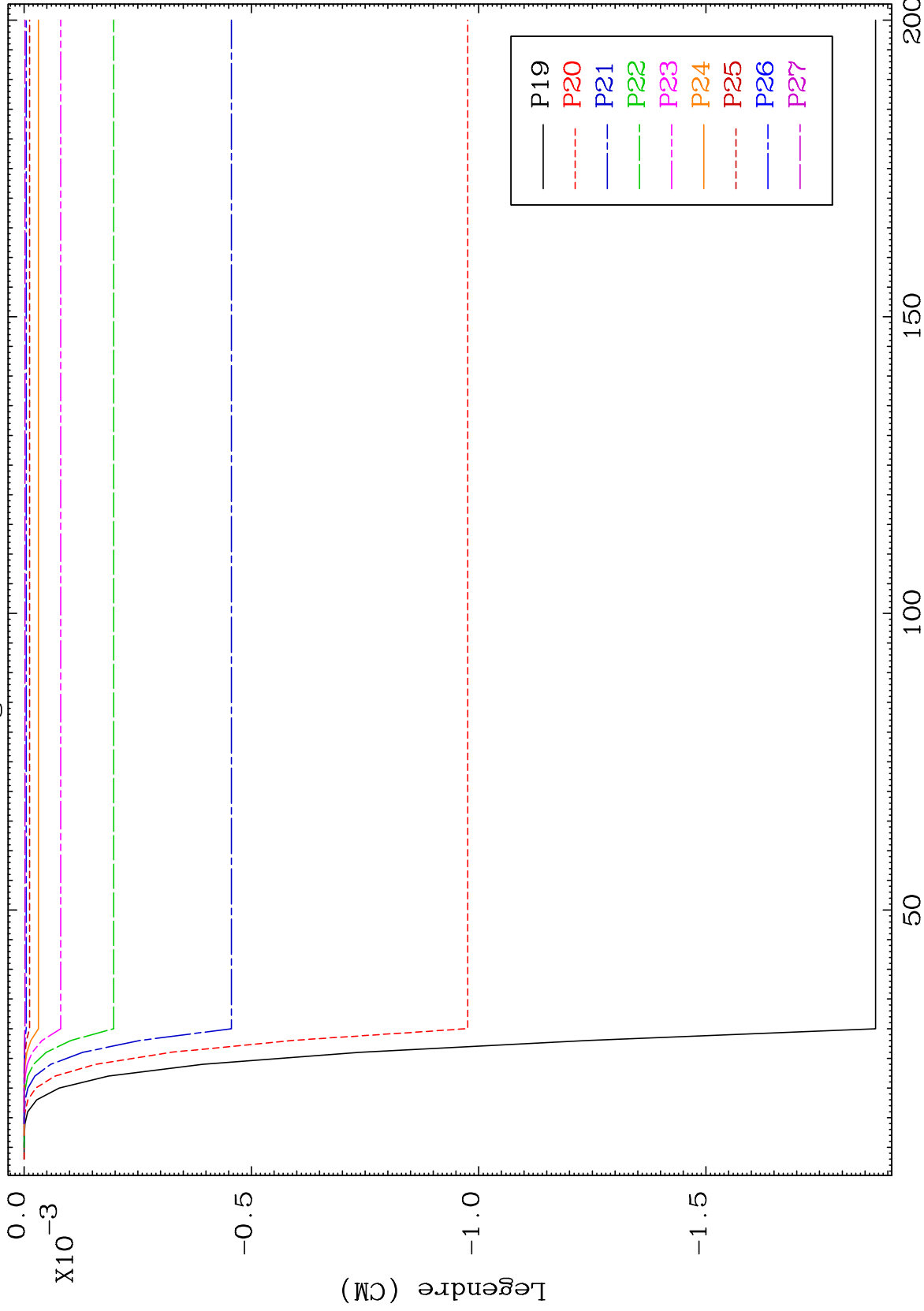
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

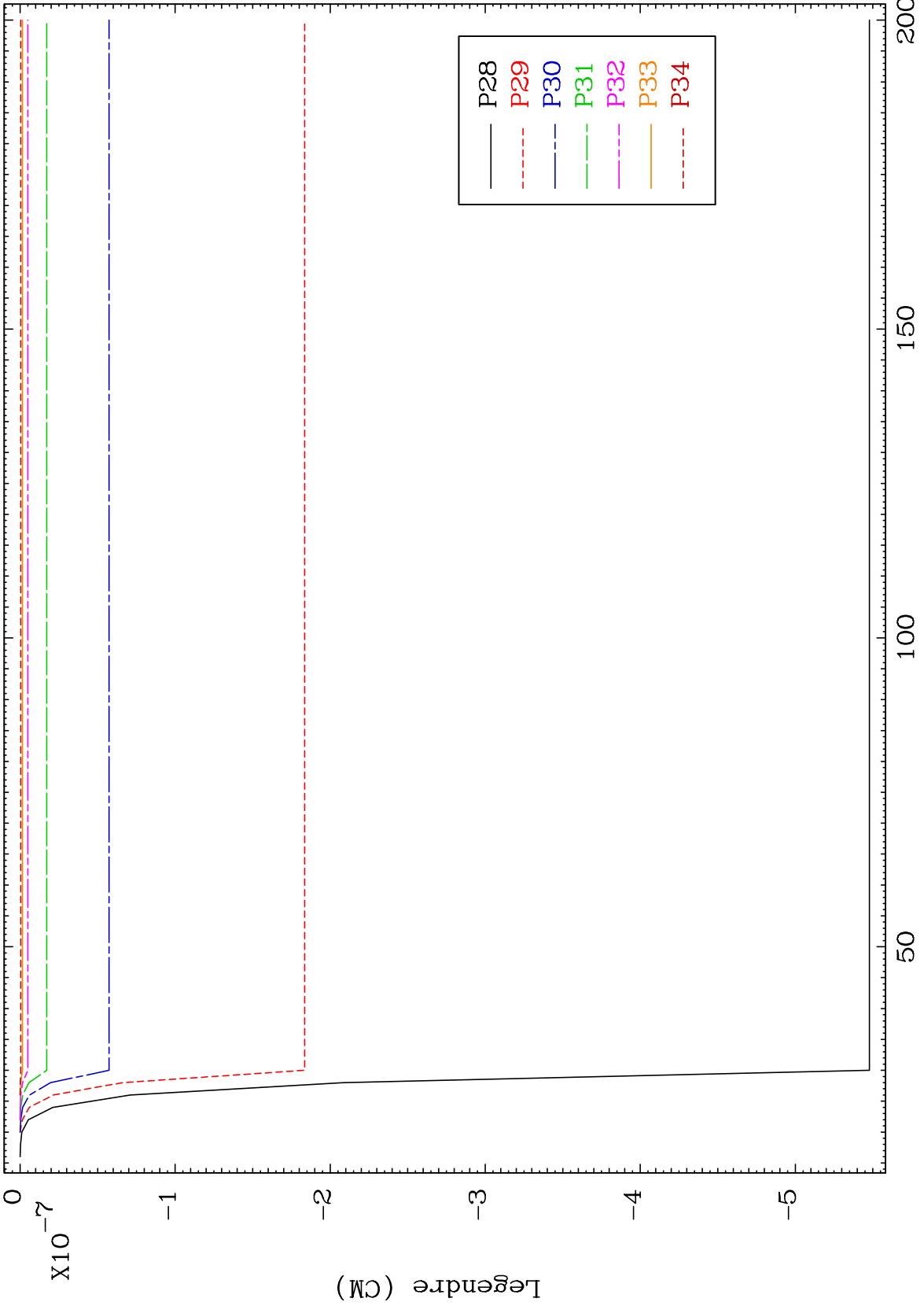
44-Ru-100



69

44-Ru-100

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

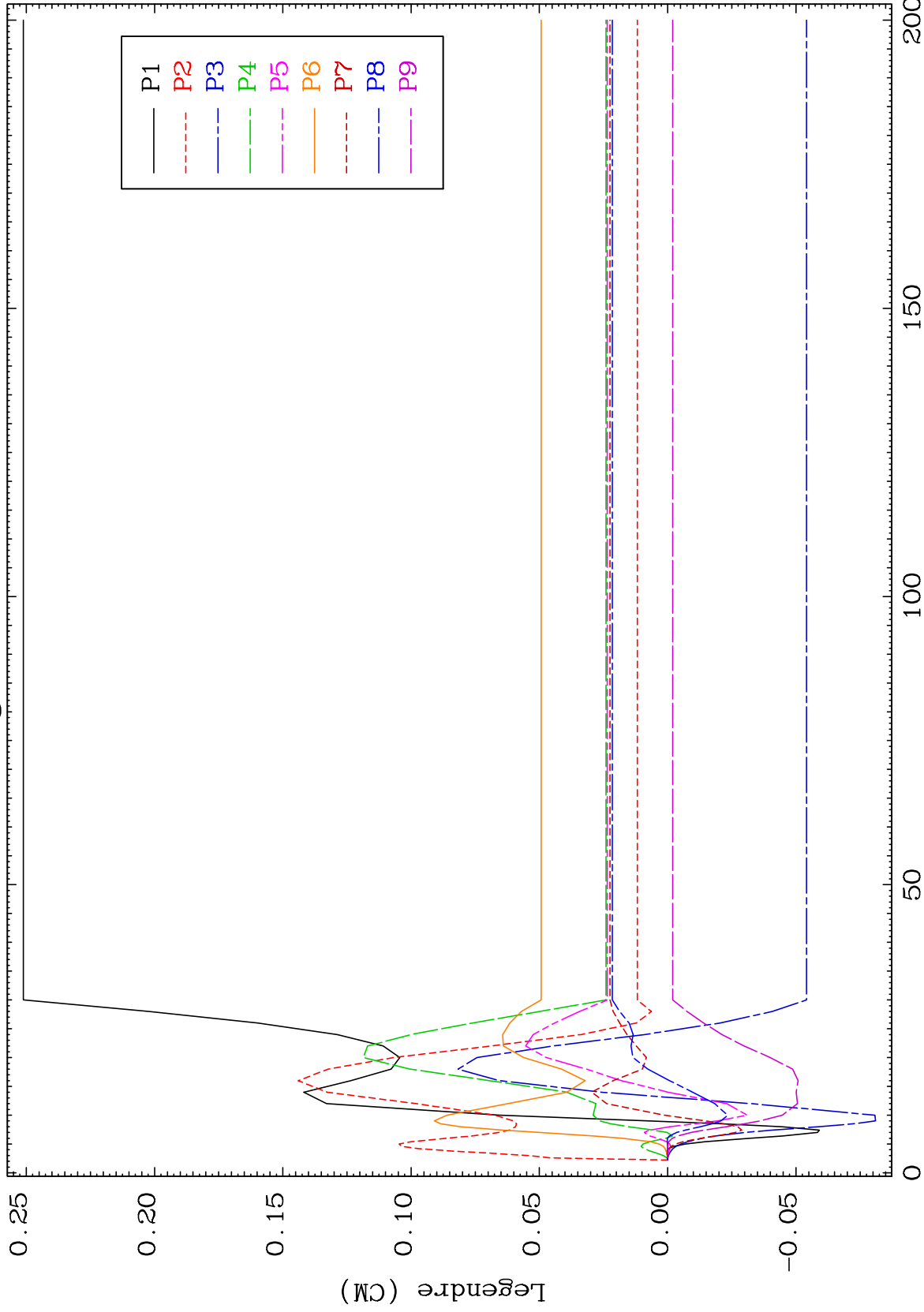


70 Incident Energy (MeV) 44-Ru-100

MAT 4437

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

44-Ru-100



71

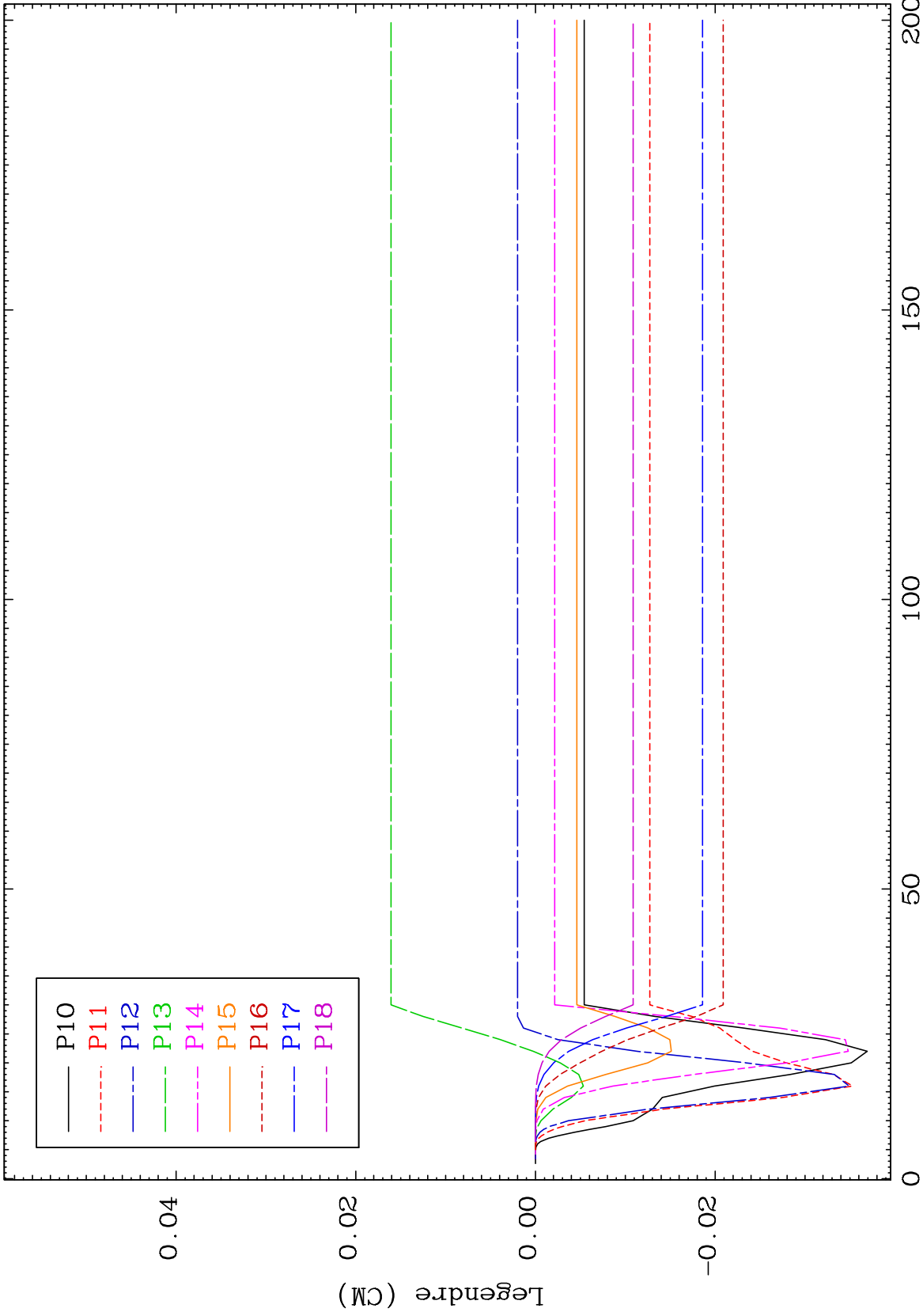
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

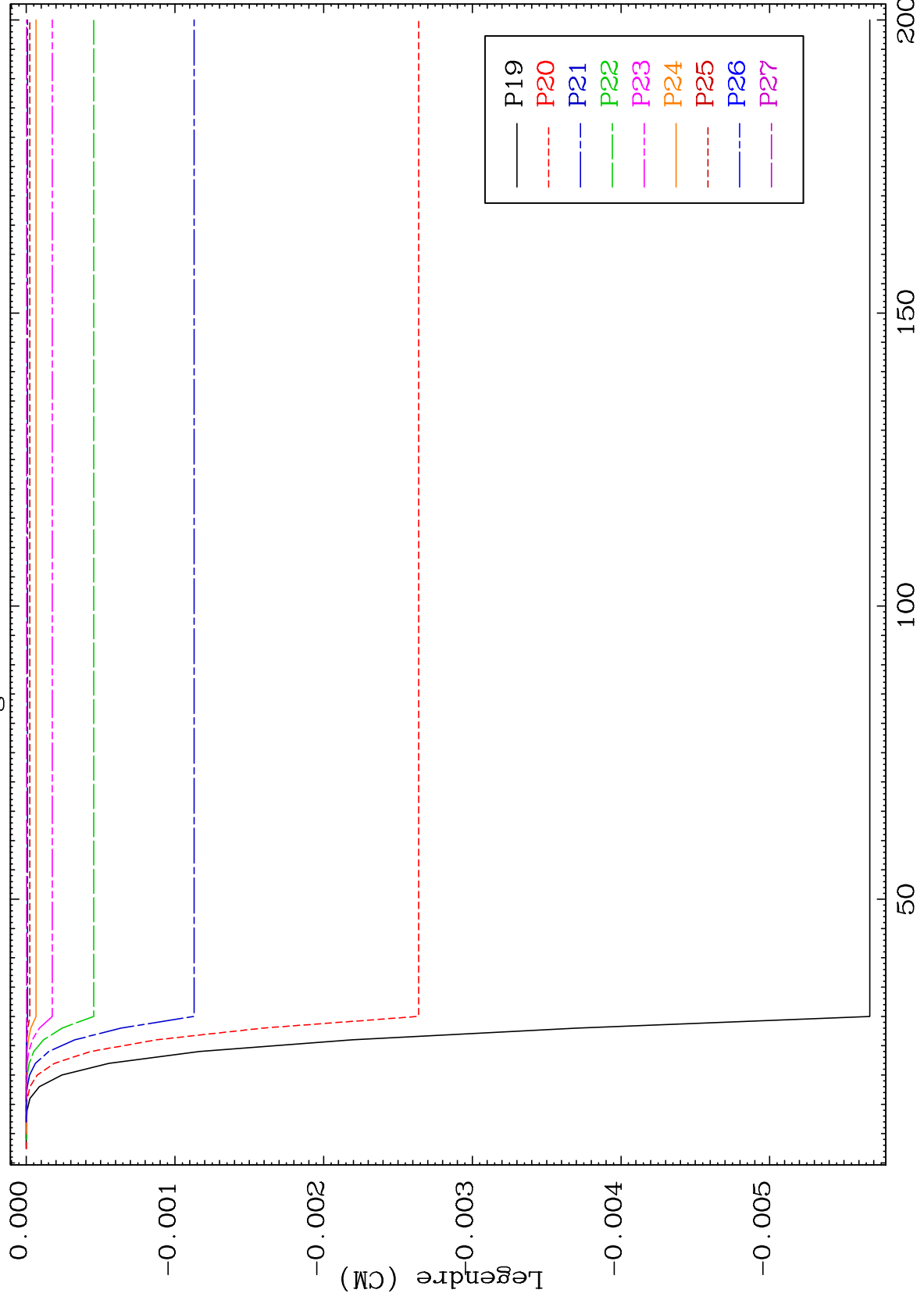


72

Incident Energy (MeV)

44-Ru-100

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

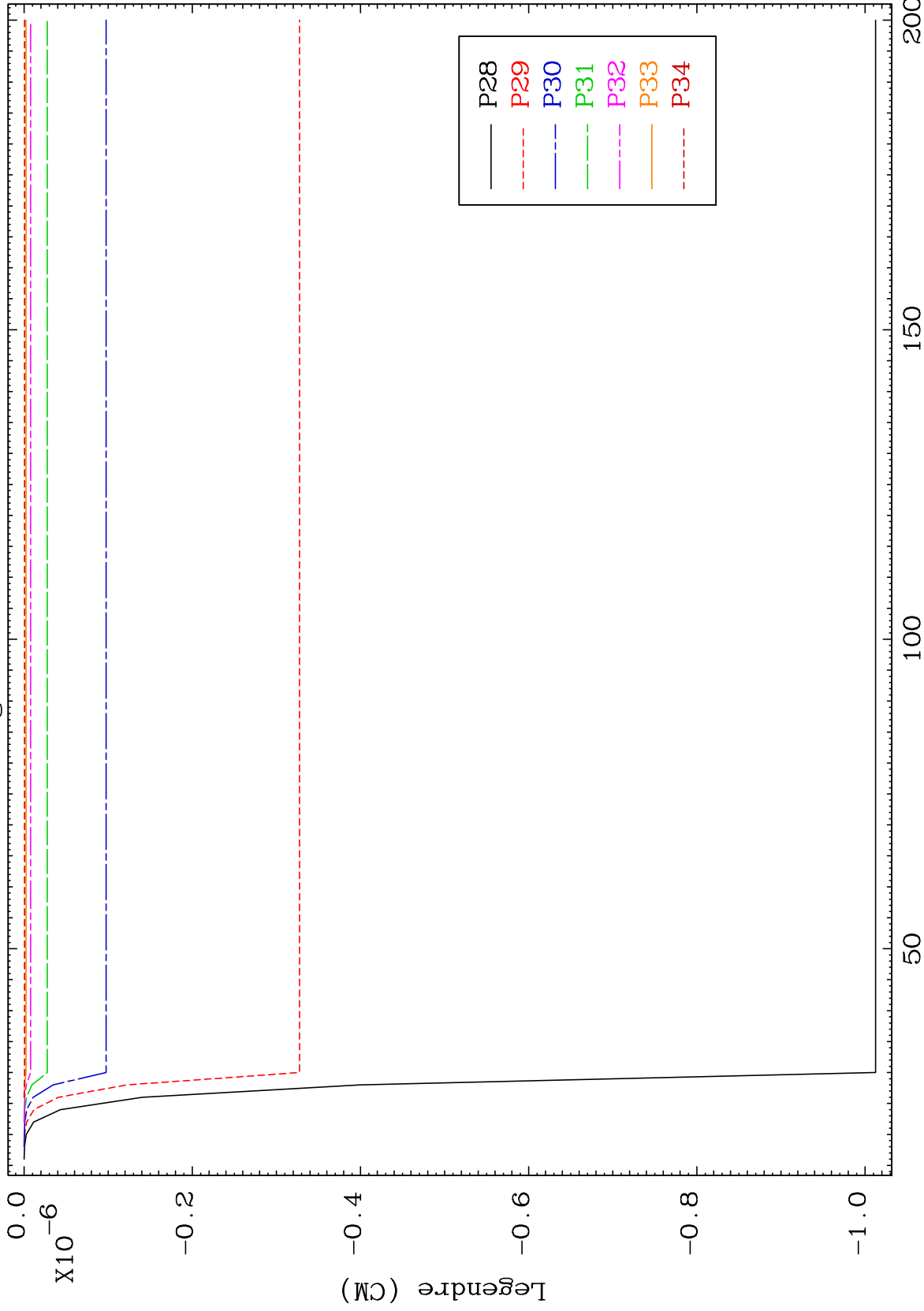


73 44-Ru-100

MAT 4437

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

44-Ru-100



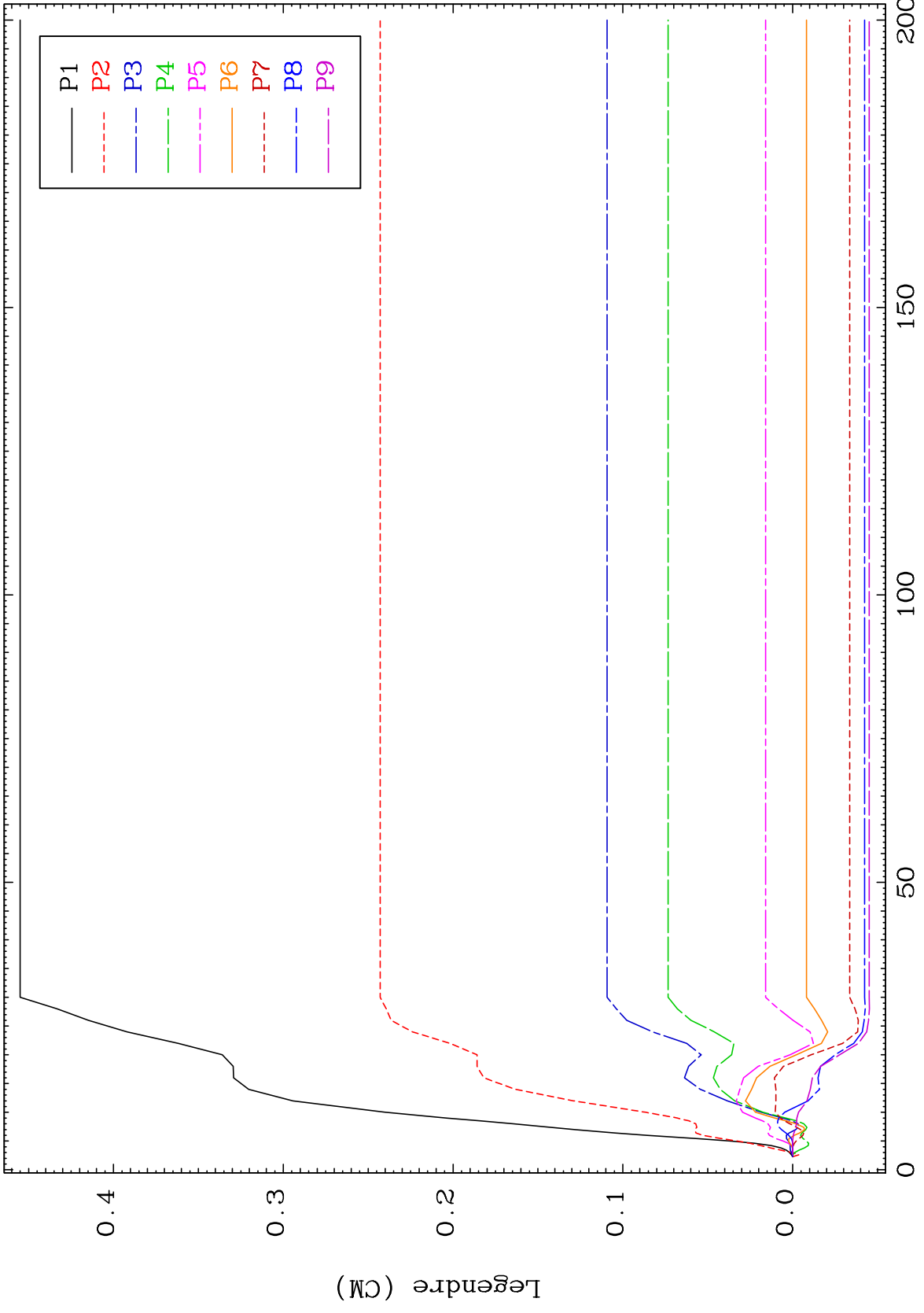
74

44-Ru-100

MAT 4437

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

44-Ru-100



75

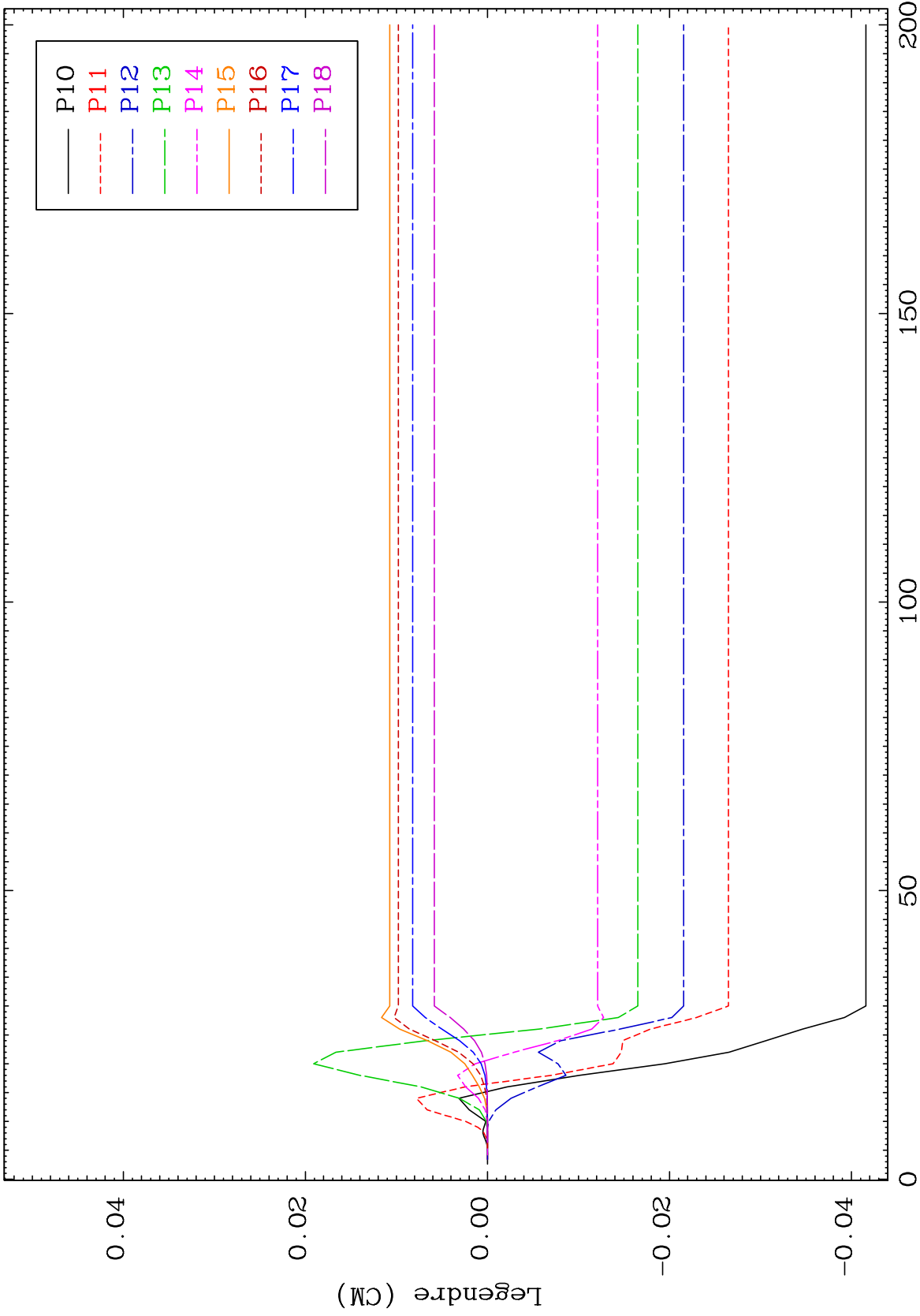
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



76

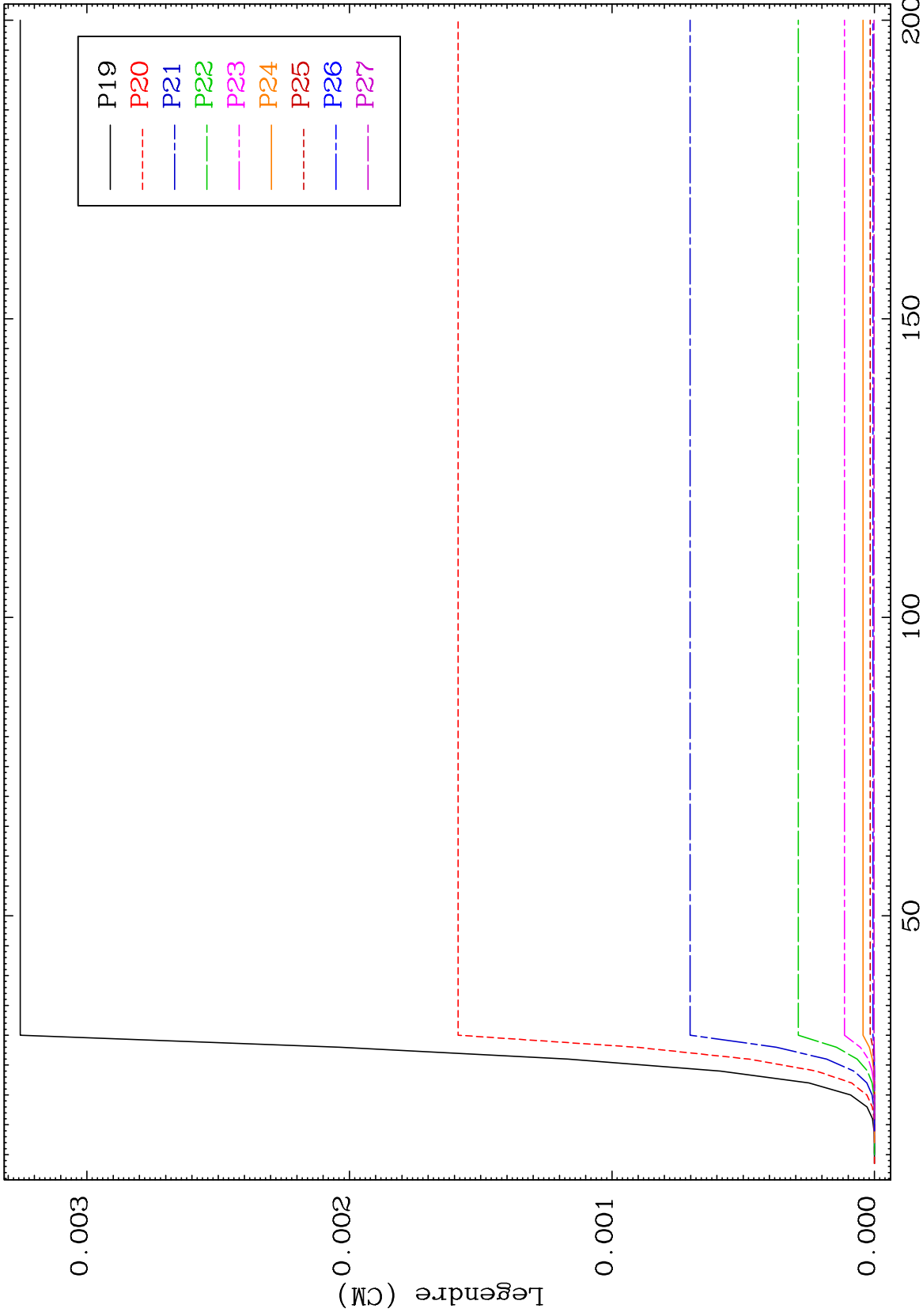
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

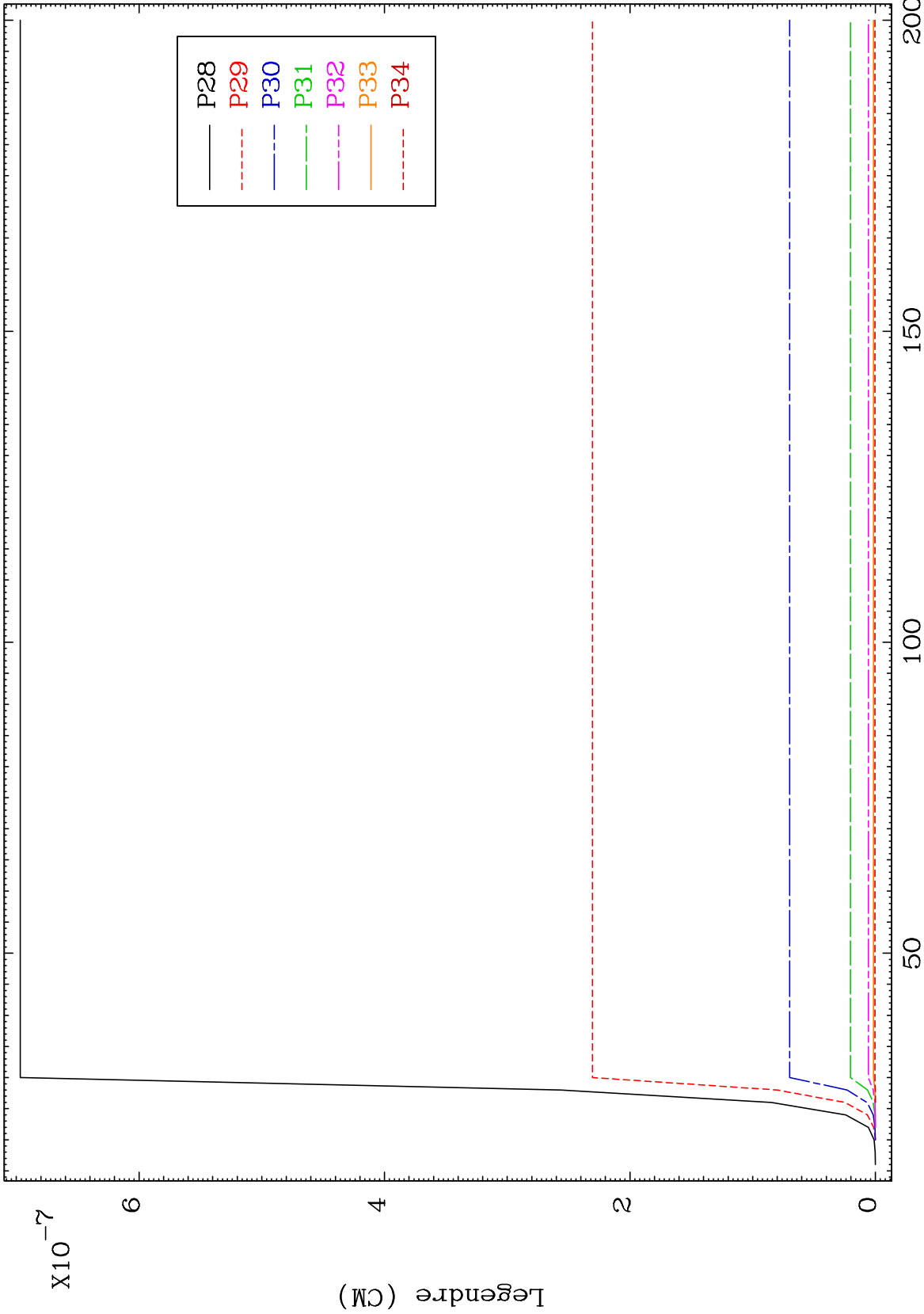
Incident Energy (MeV)

44-Ru-100

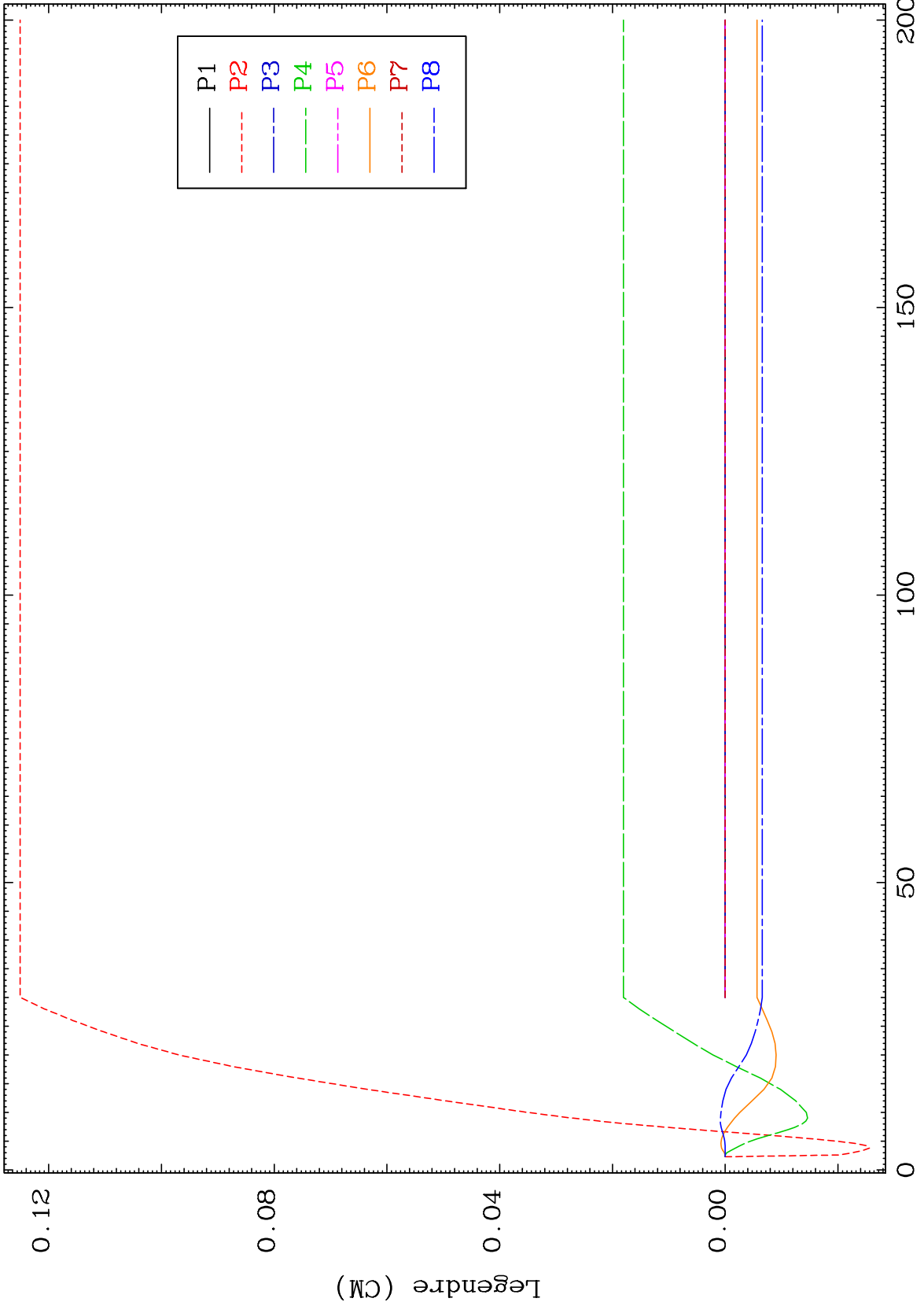
MAT 4437

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

44-Ru-100



MAT 4437 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-100

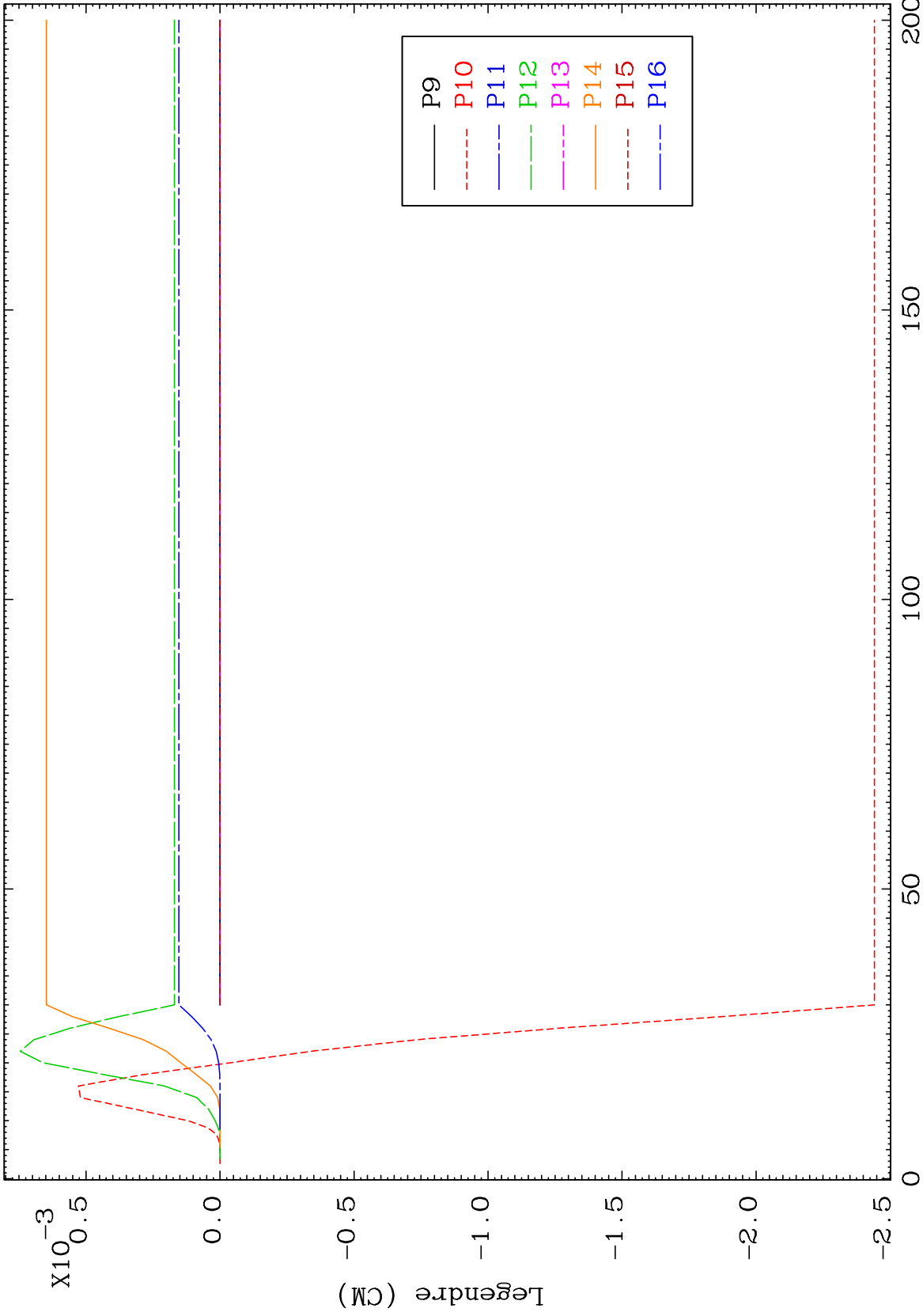


79 44-Ru-100

MAT 4437

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

44-Ru-100



80

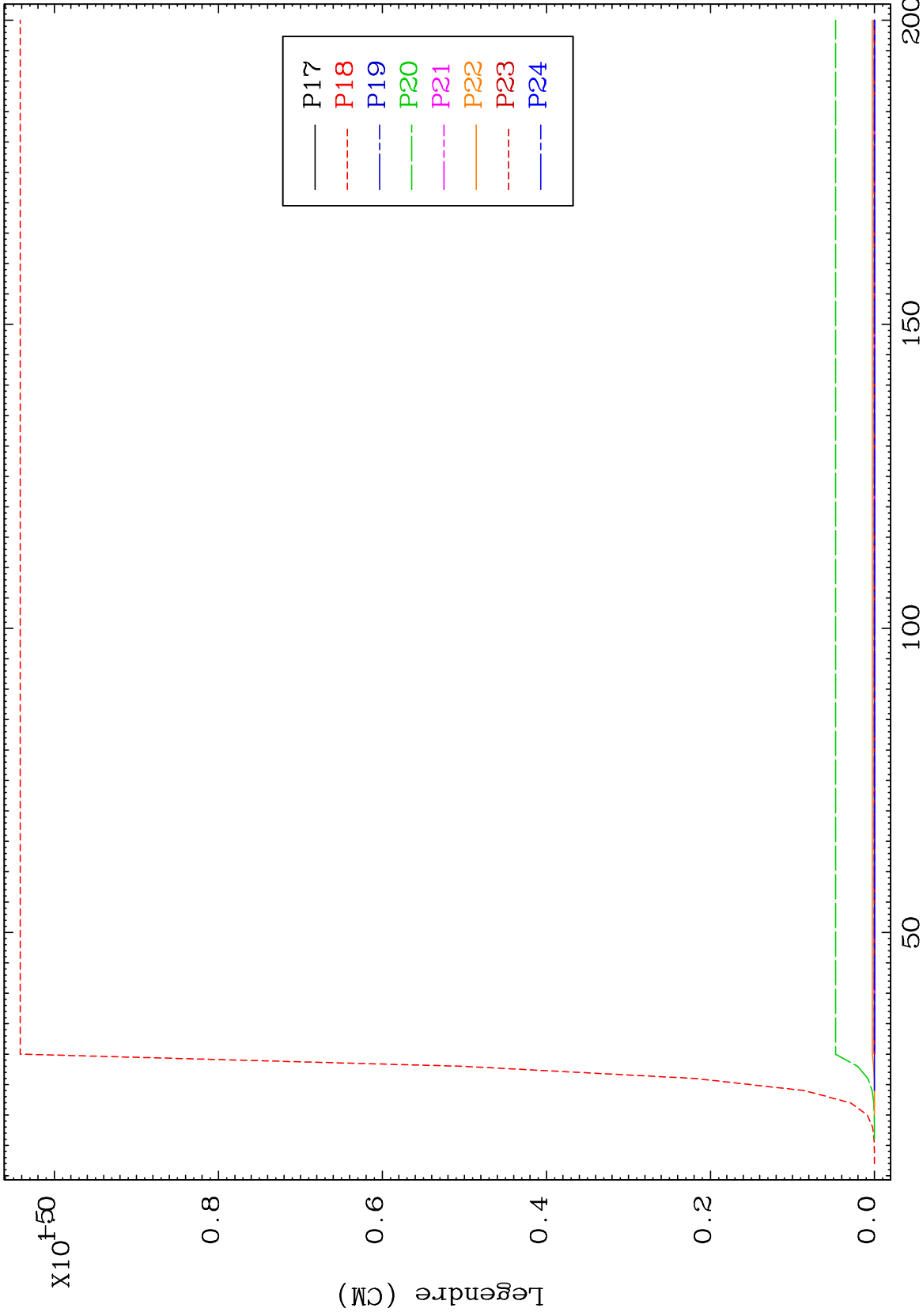
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



81

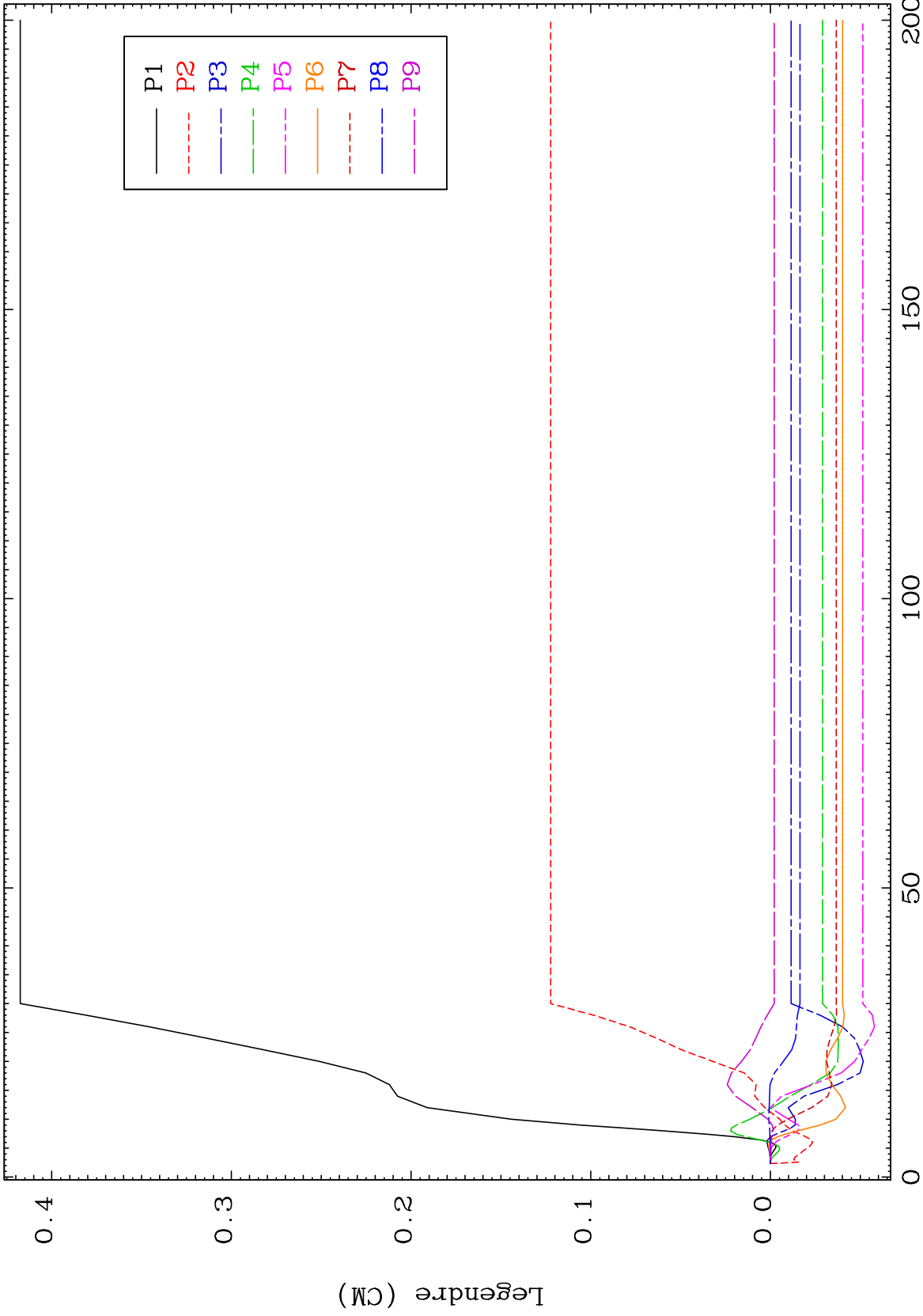
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



82

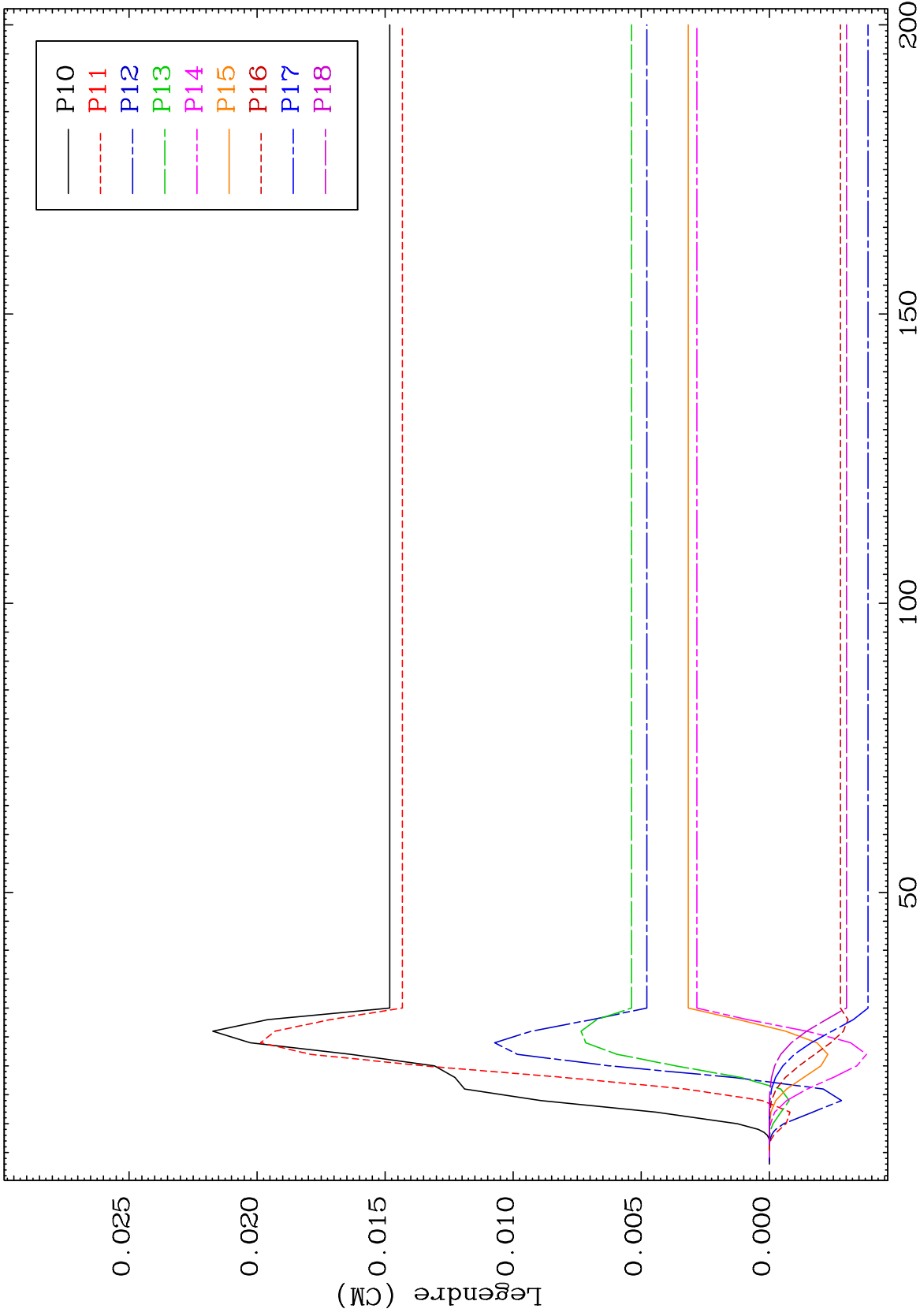
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



83

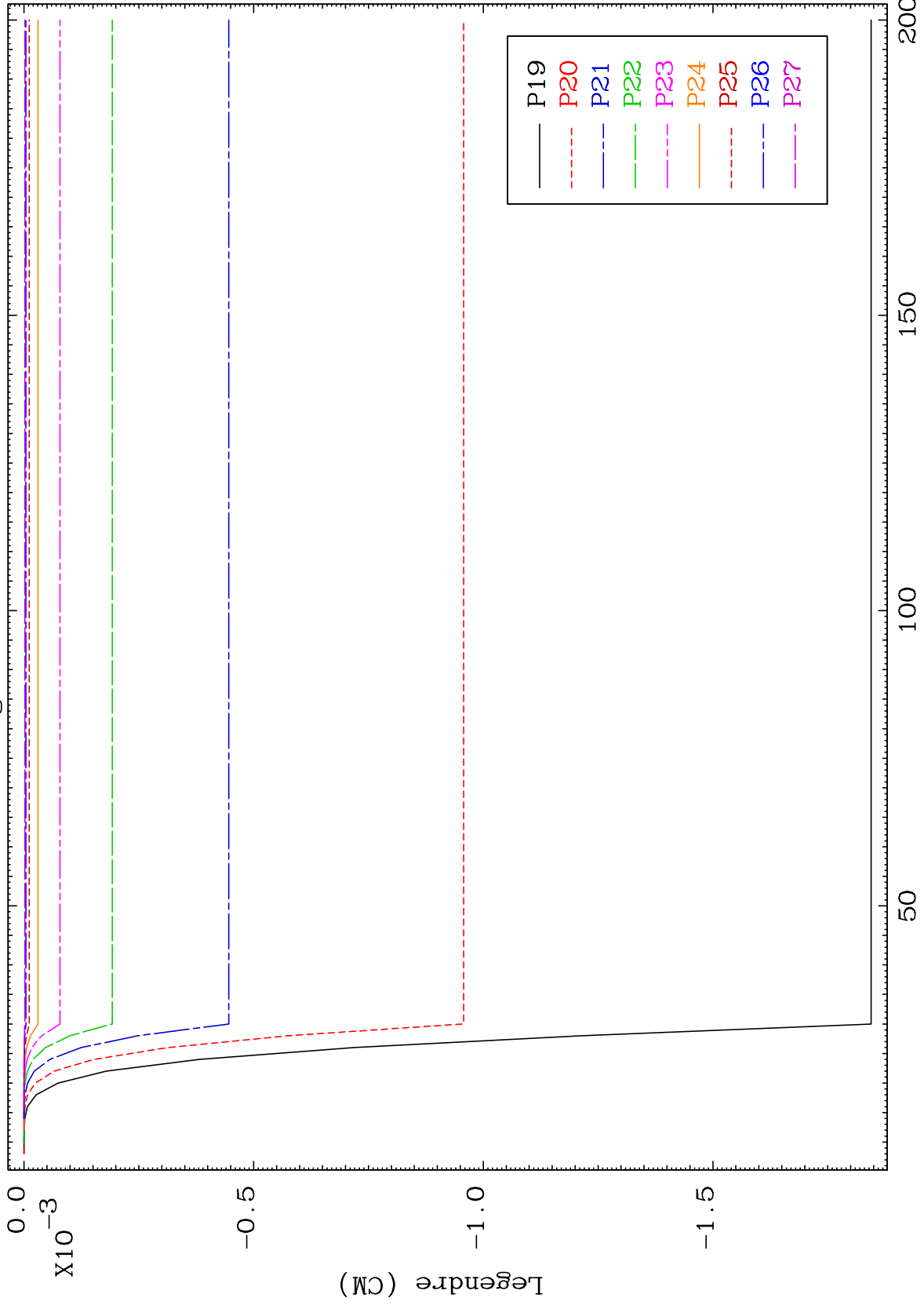
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

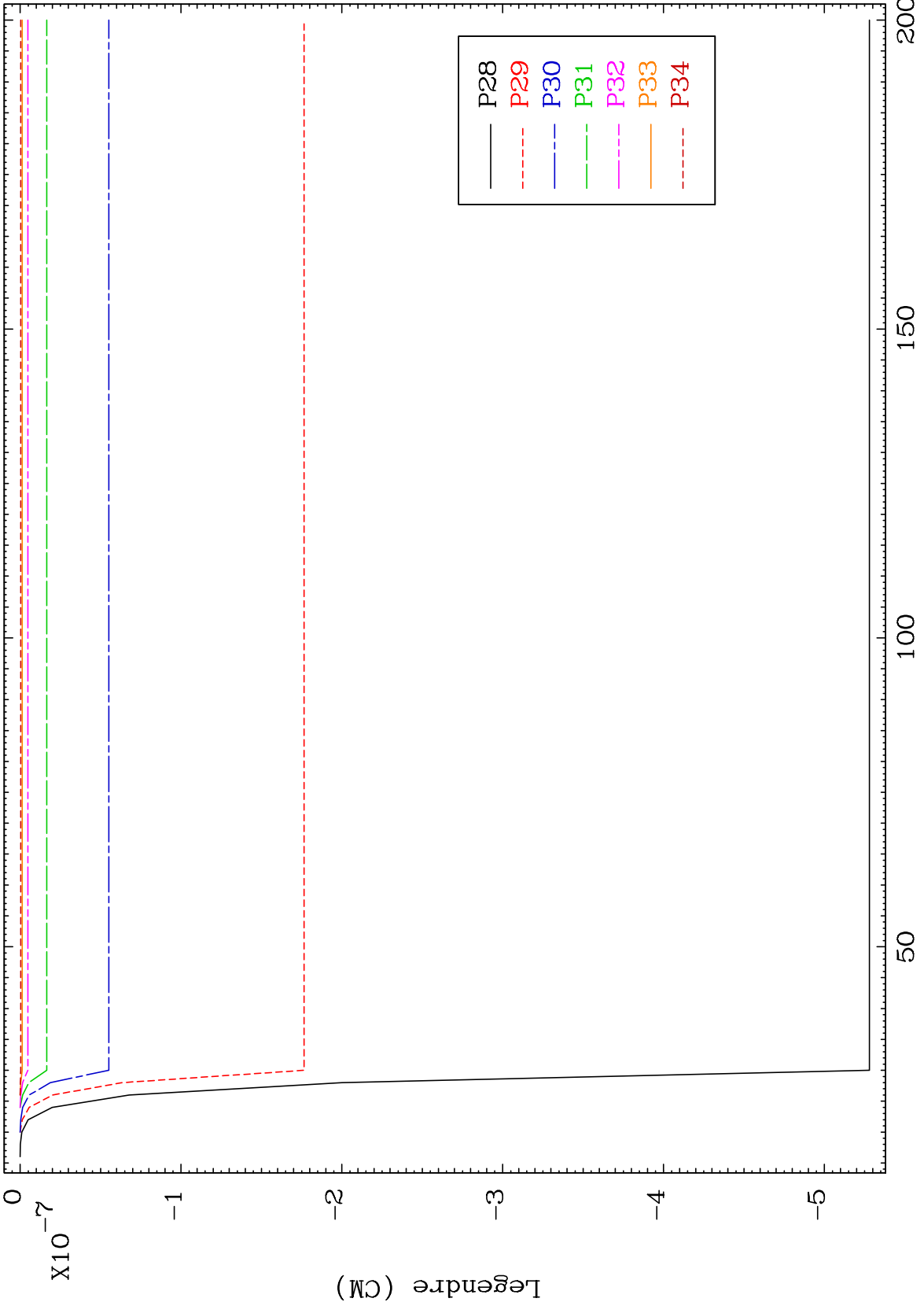
44-Ru-100



84

44-Ru-100

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

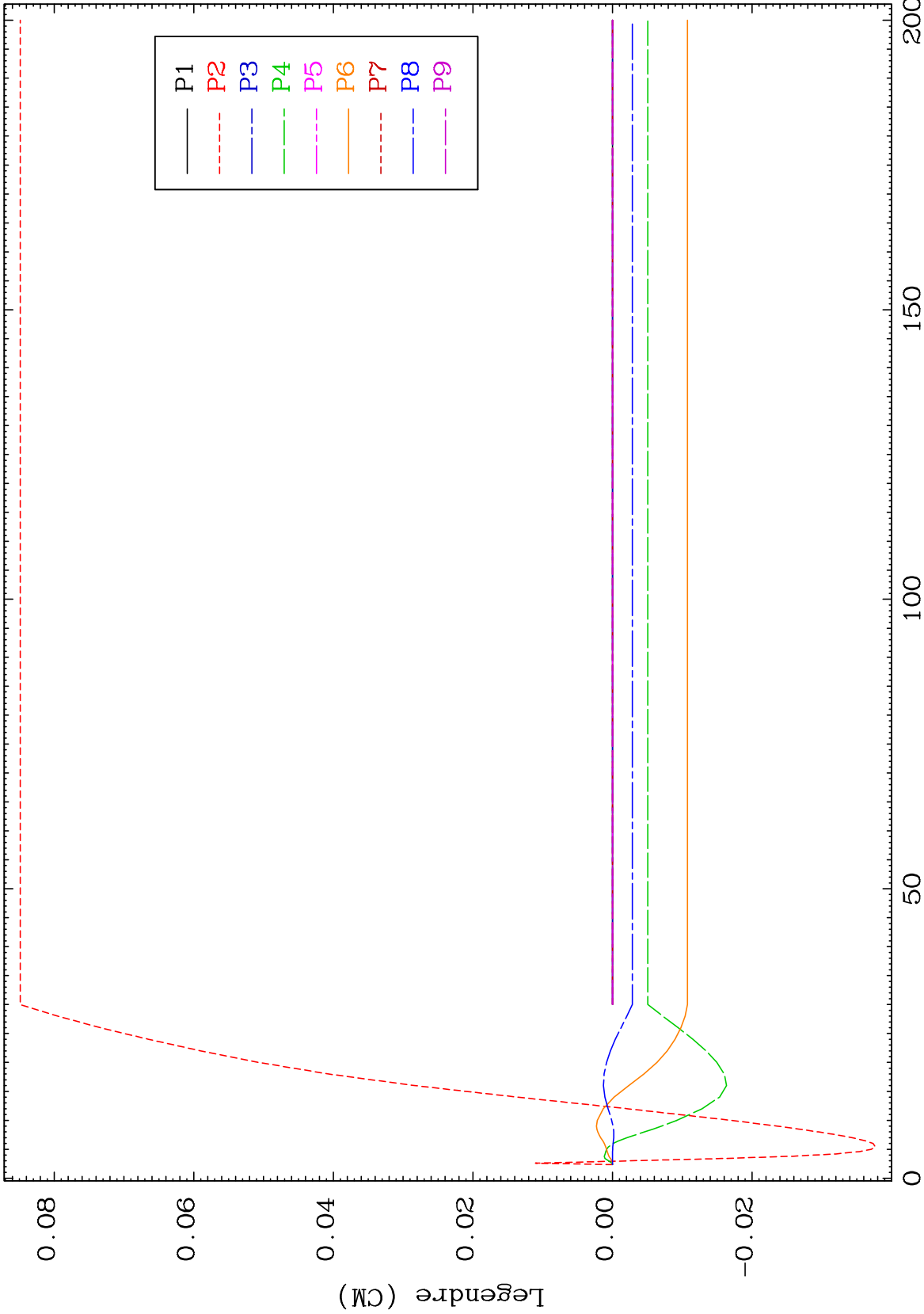


85 44-Ru-100

MAT 4437

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

44-Ru-100



86

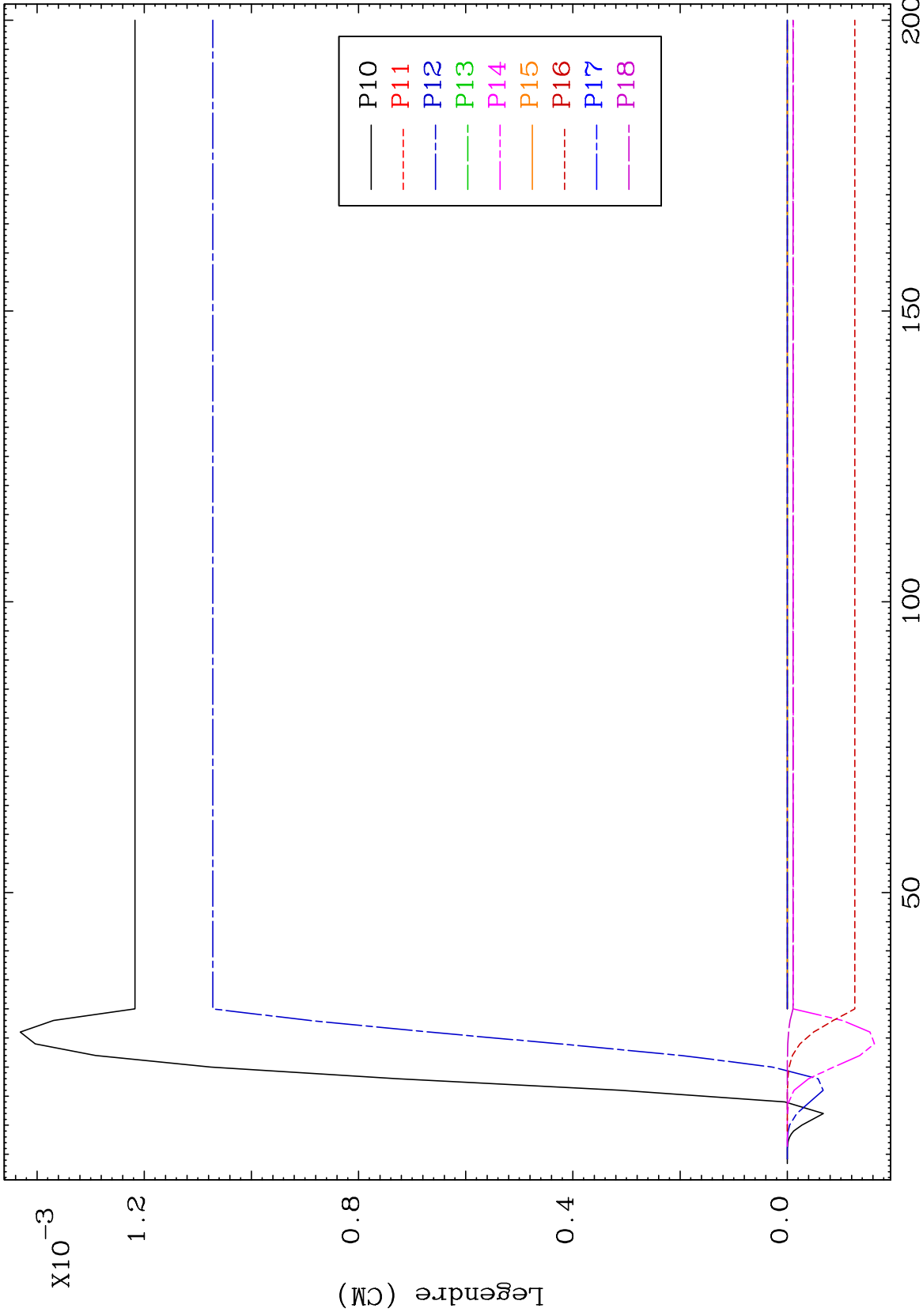
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

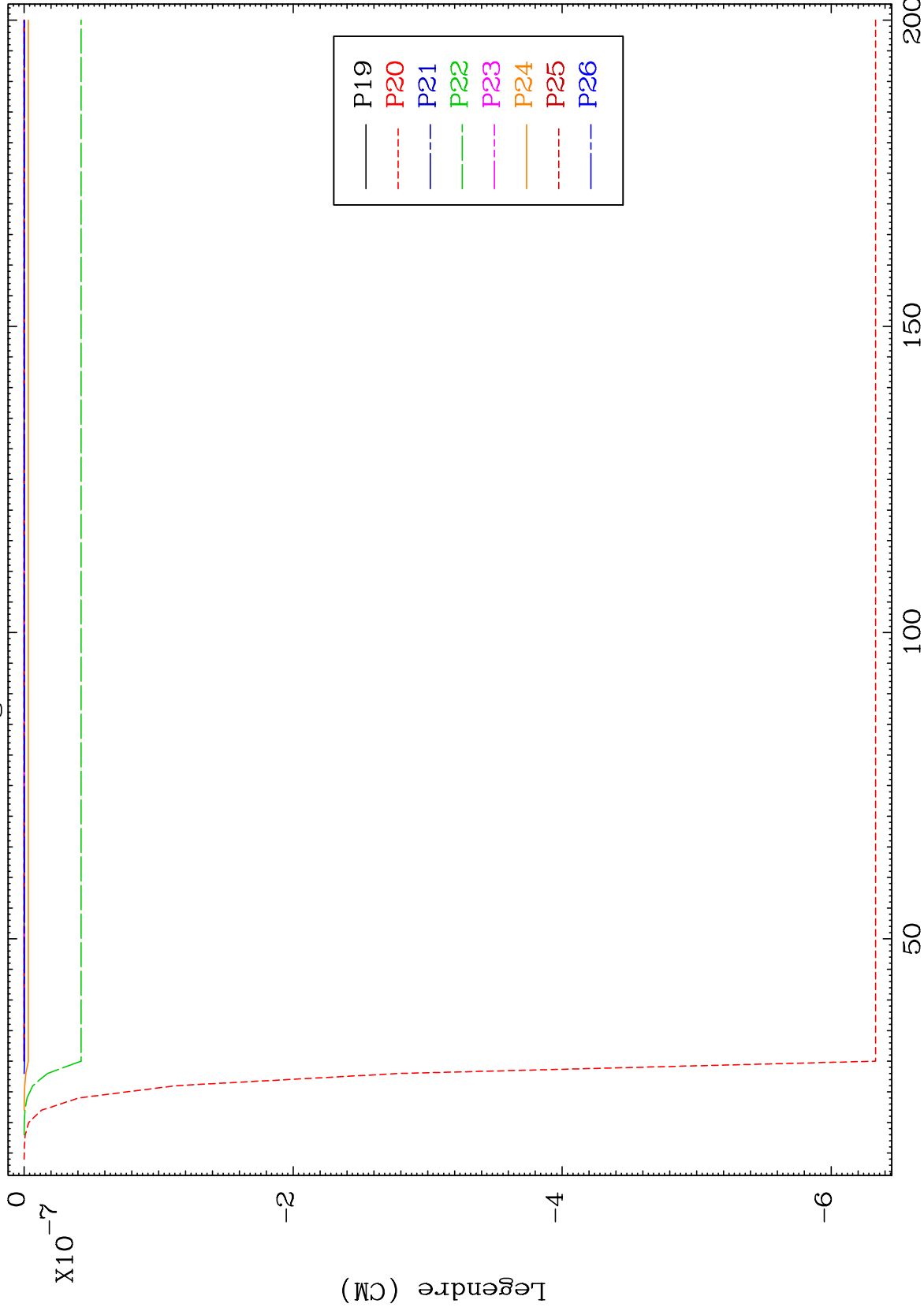
44-Ru-100



MAT 4437

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

44-Ru-100



88

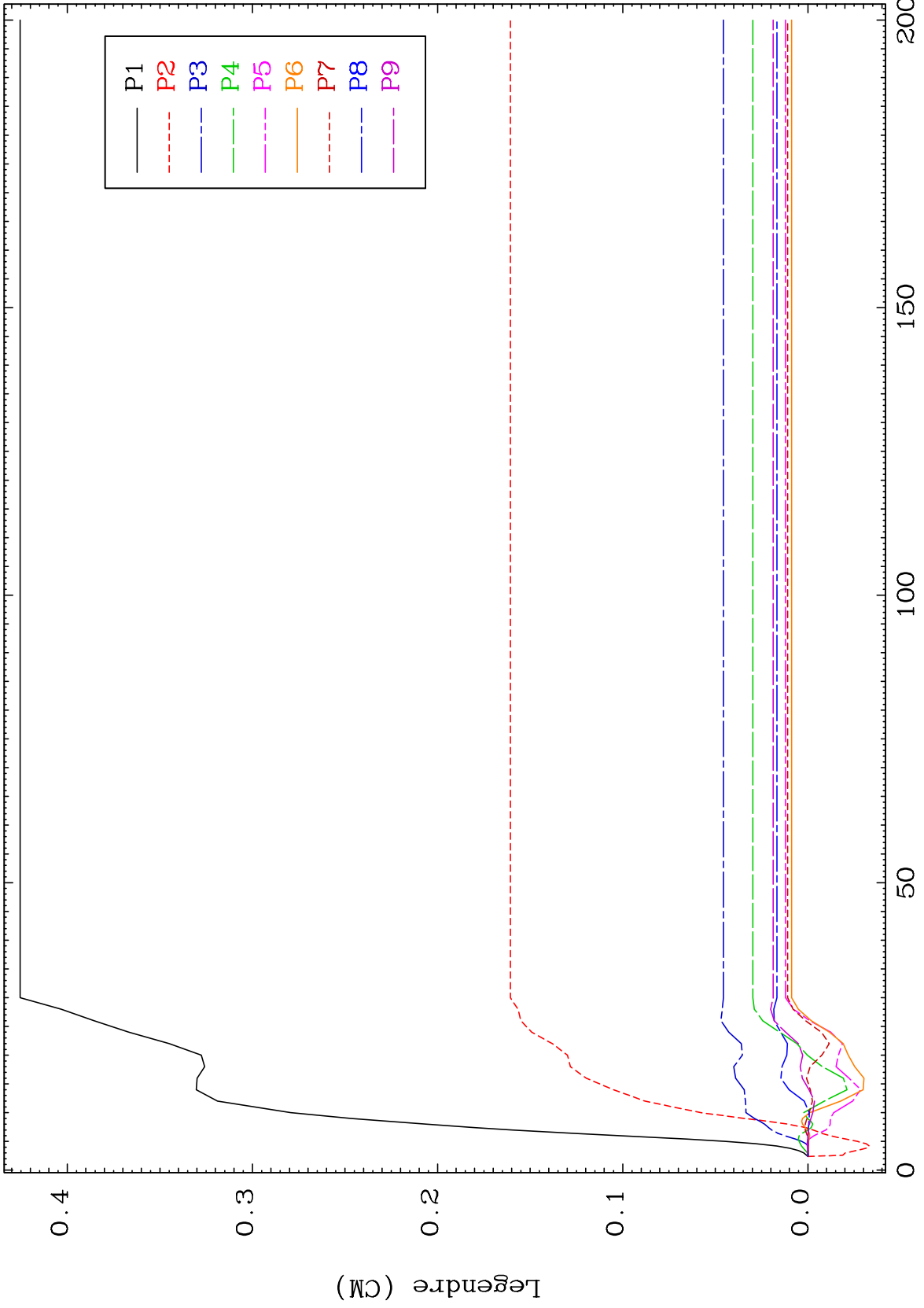
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

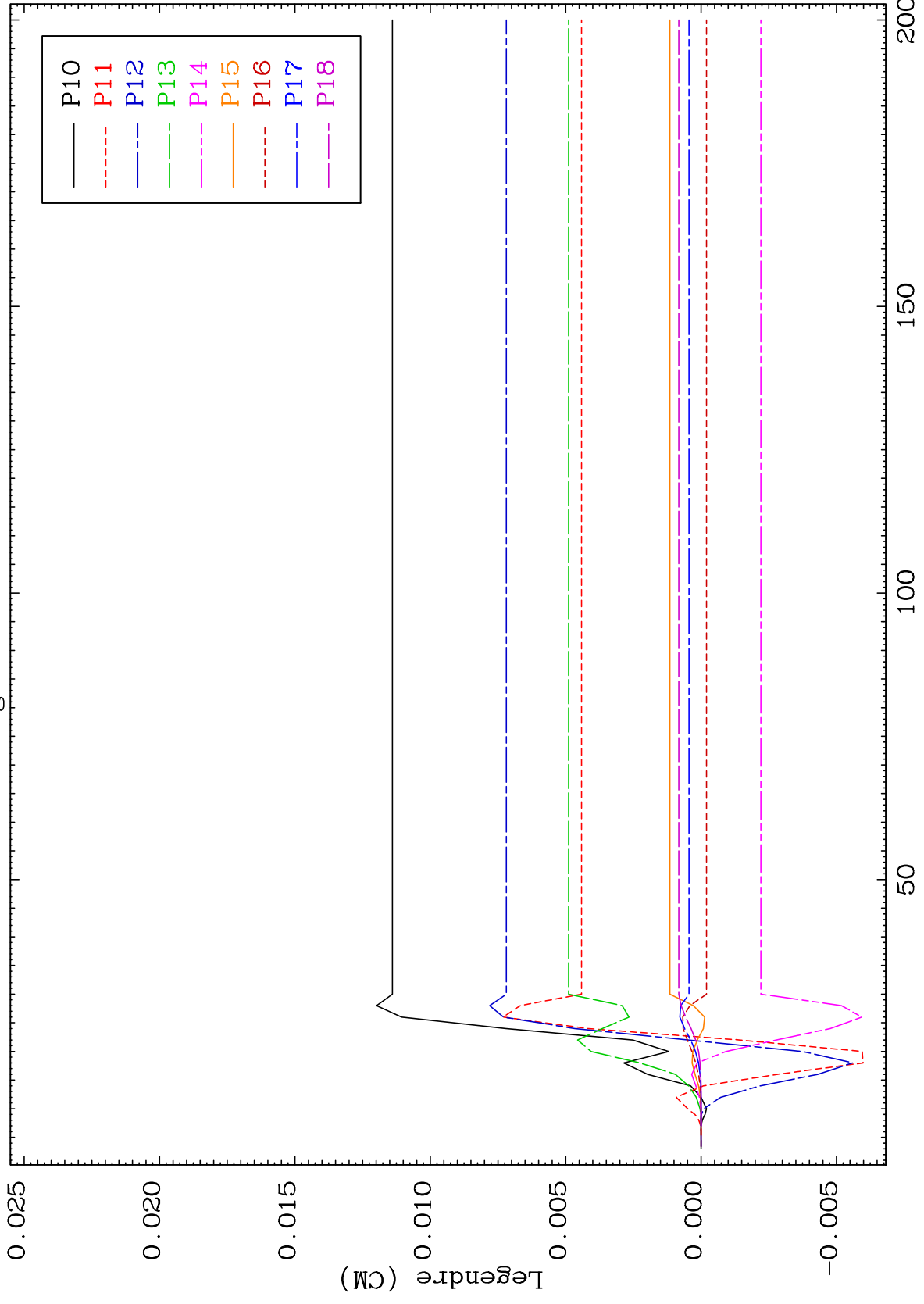
44-Ru-100



MAT 4437

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

44-Ru-100



90

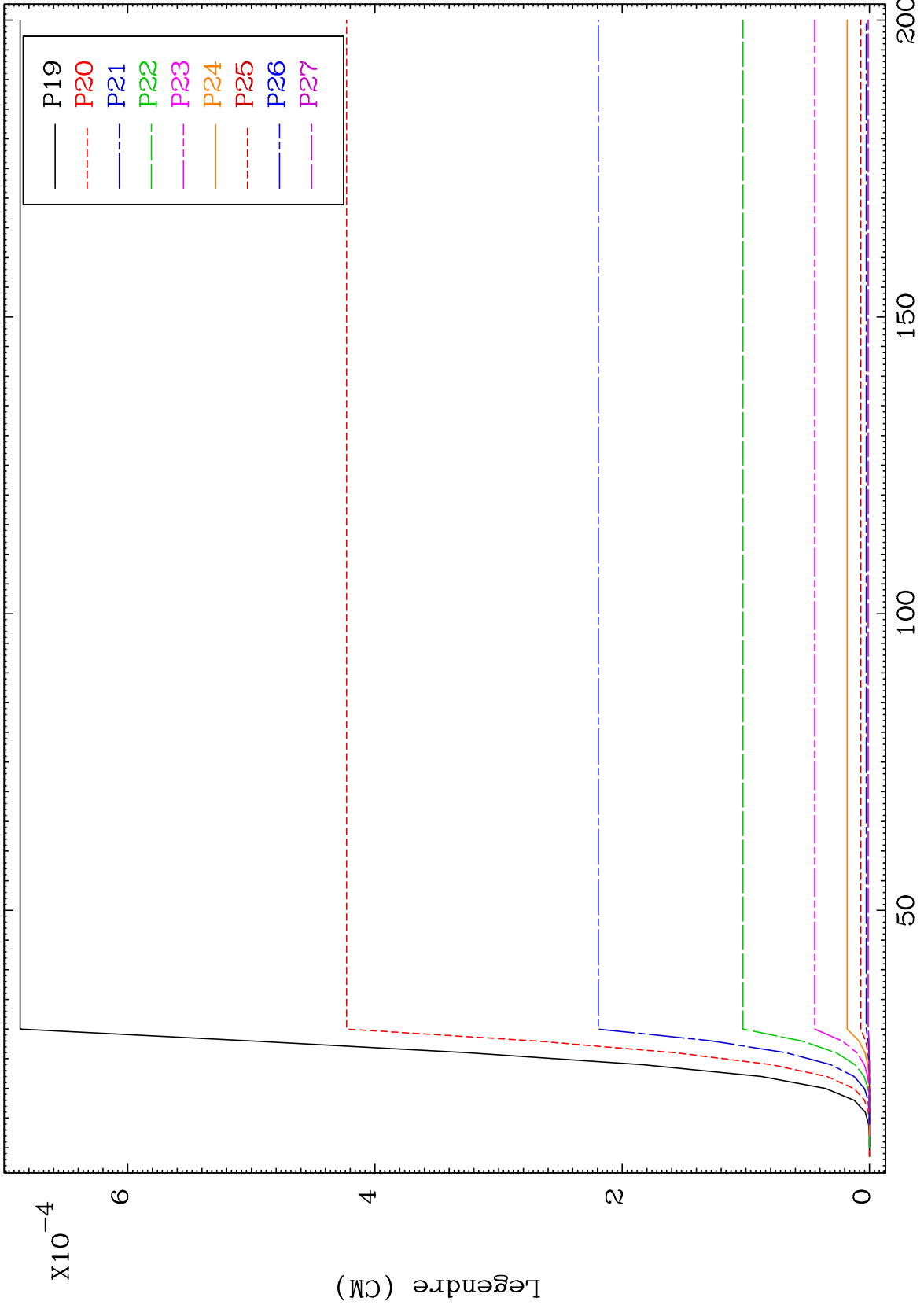
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



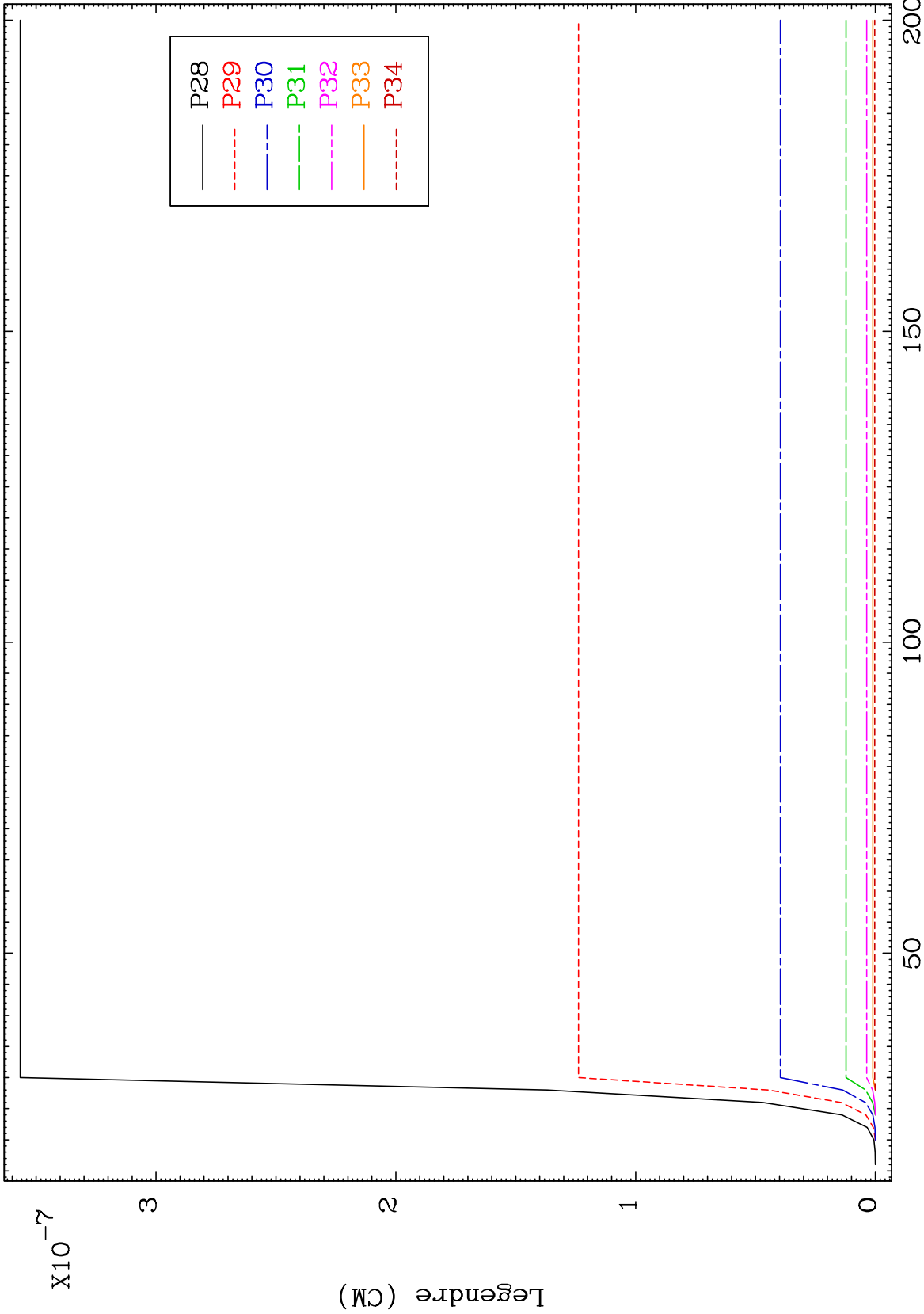
91

44-Ru-100

MAT 4437

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

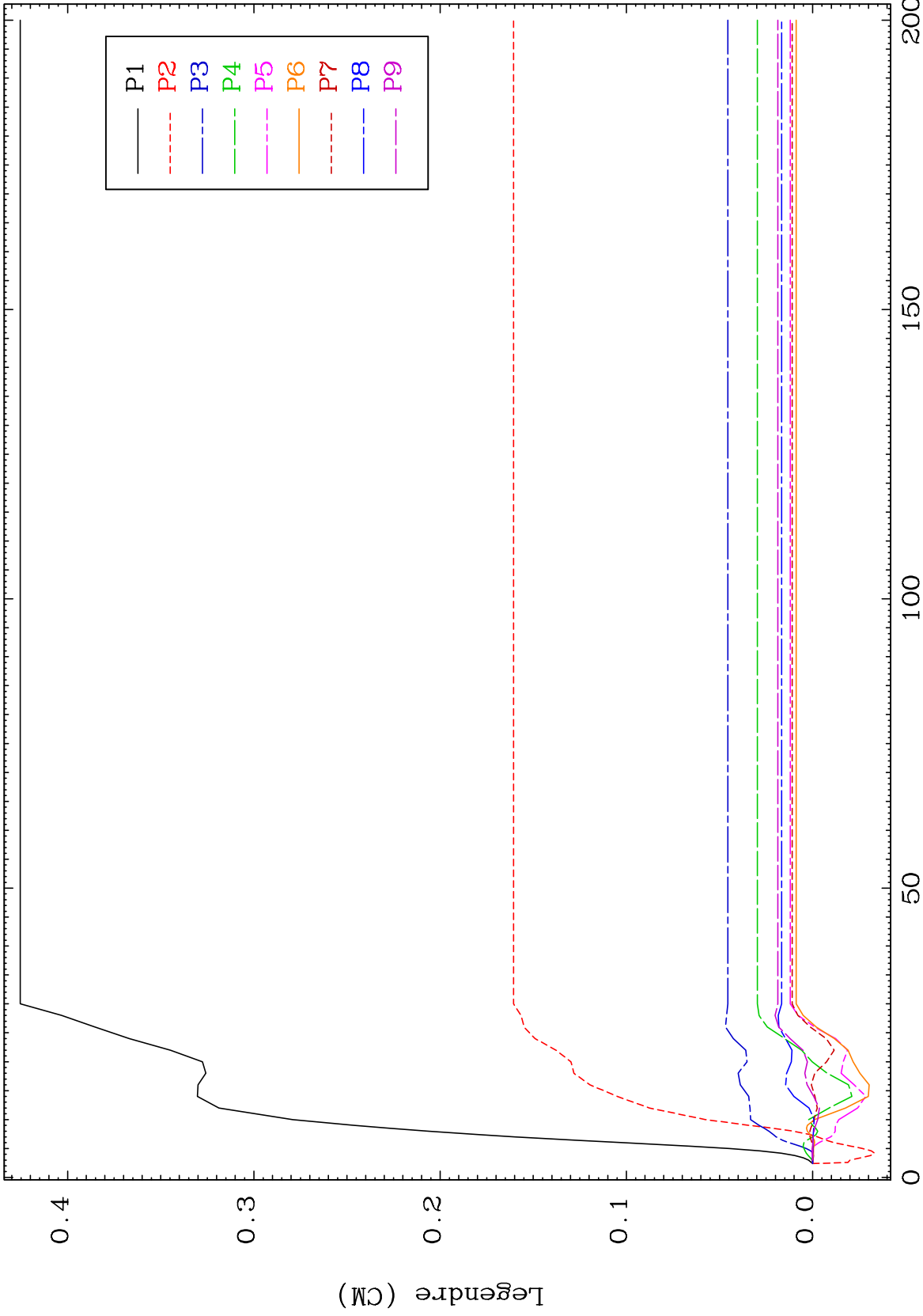
44-Ru-100



MAT 4437

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

44-Ru-100



93

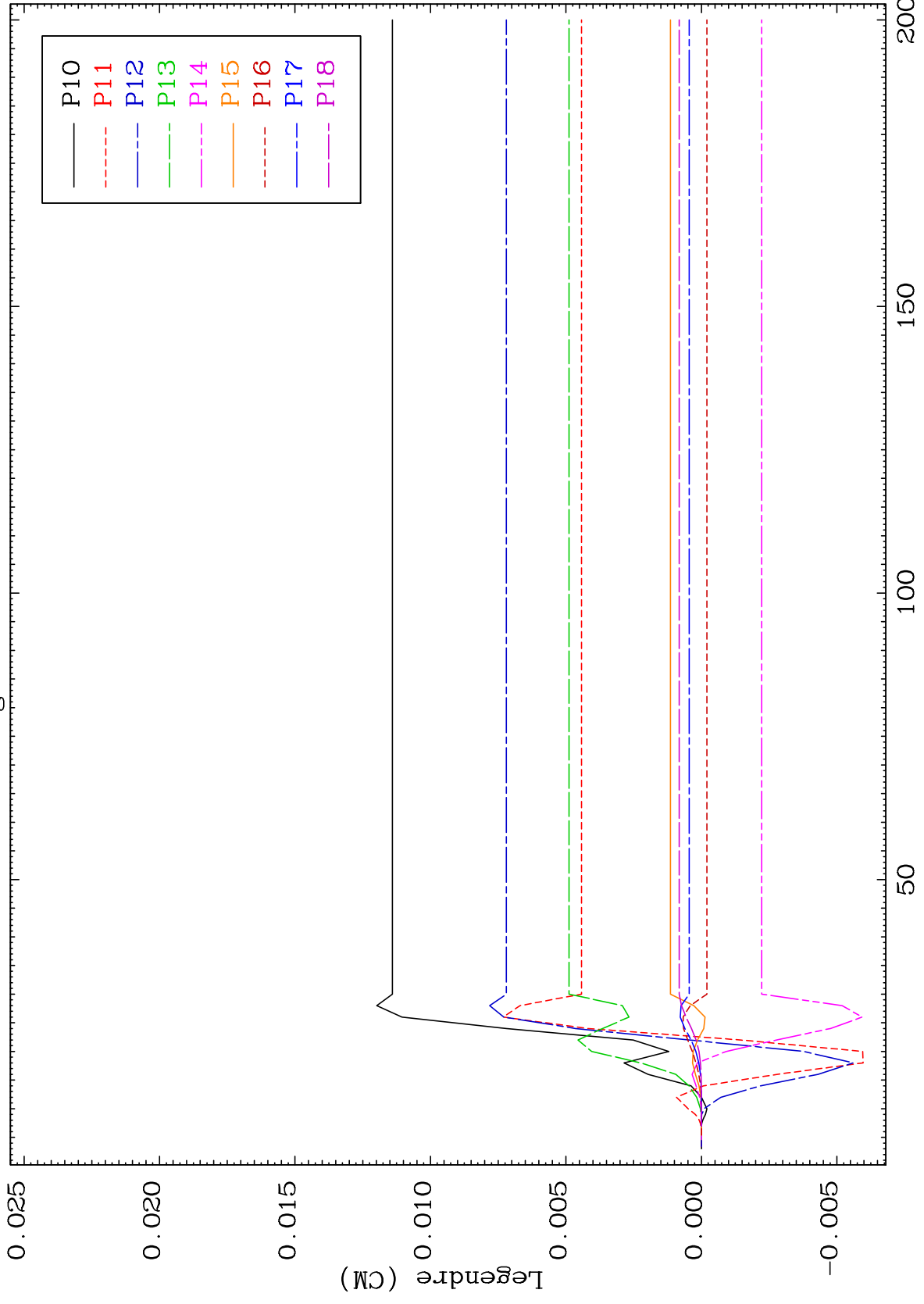
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



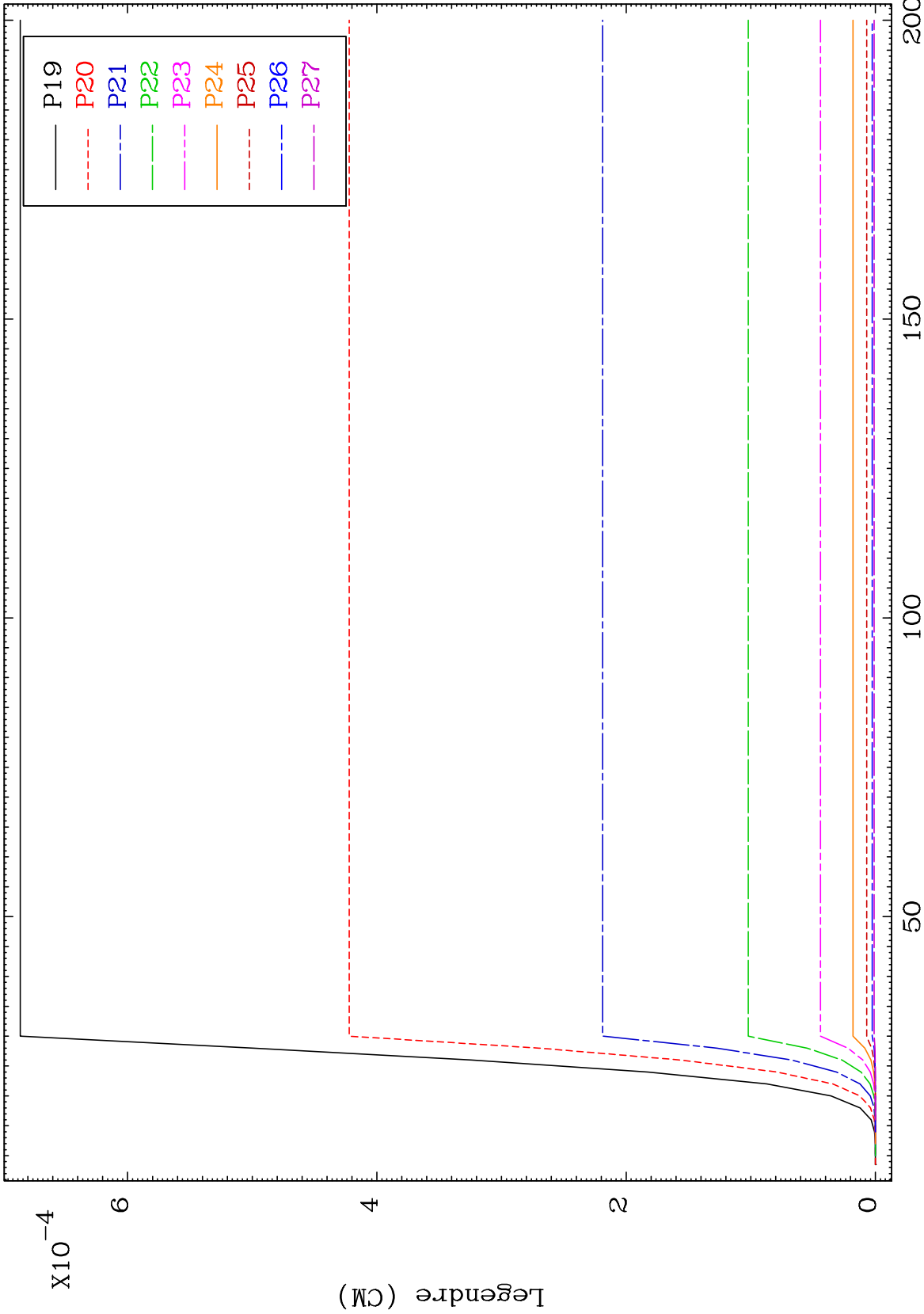
94

44-Ru-100

MAT 4437

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

44-Ru-100



95

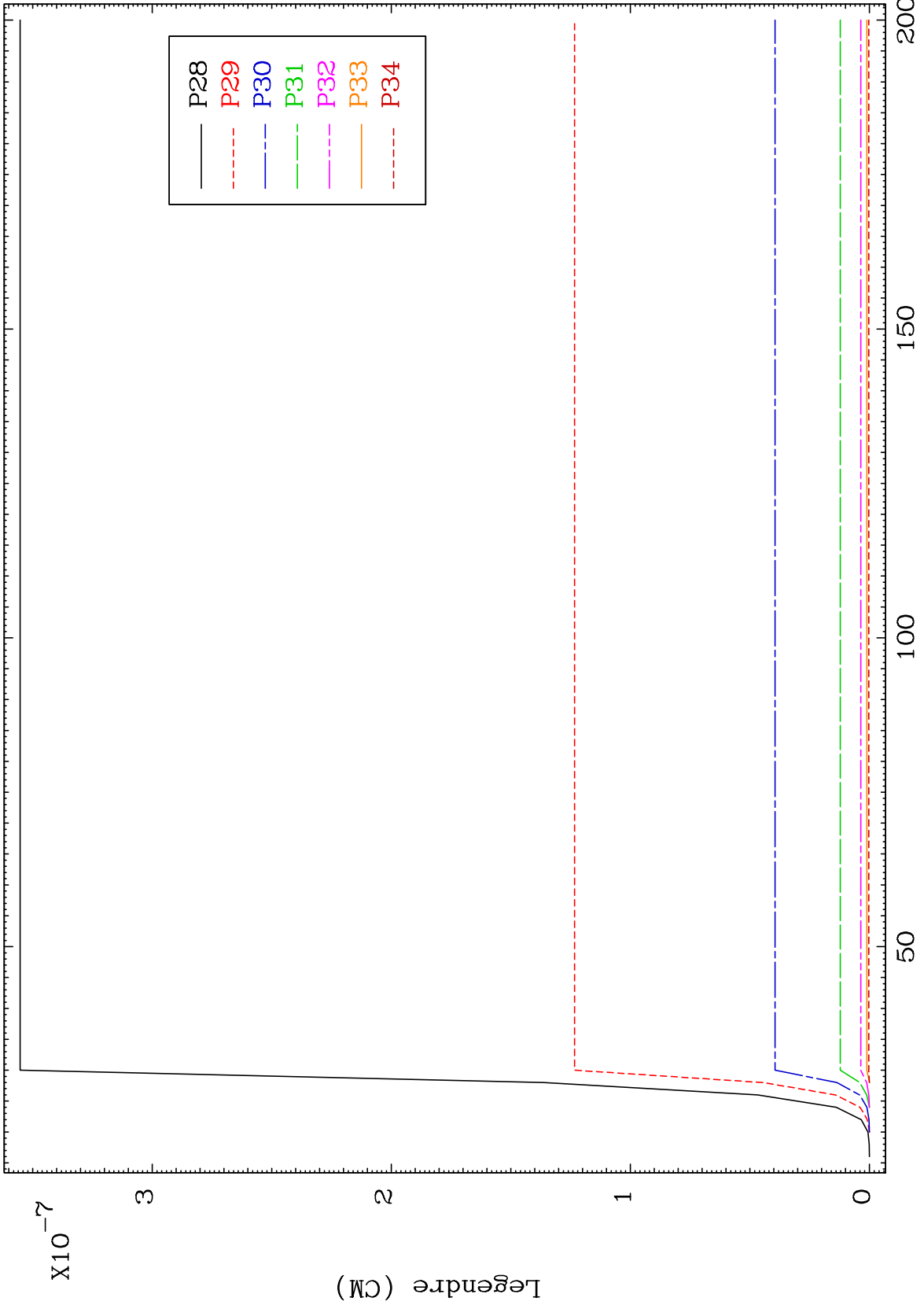
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

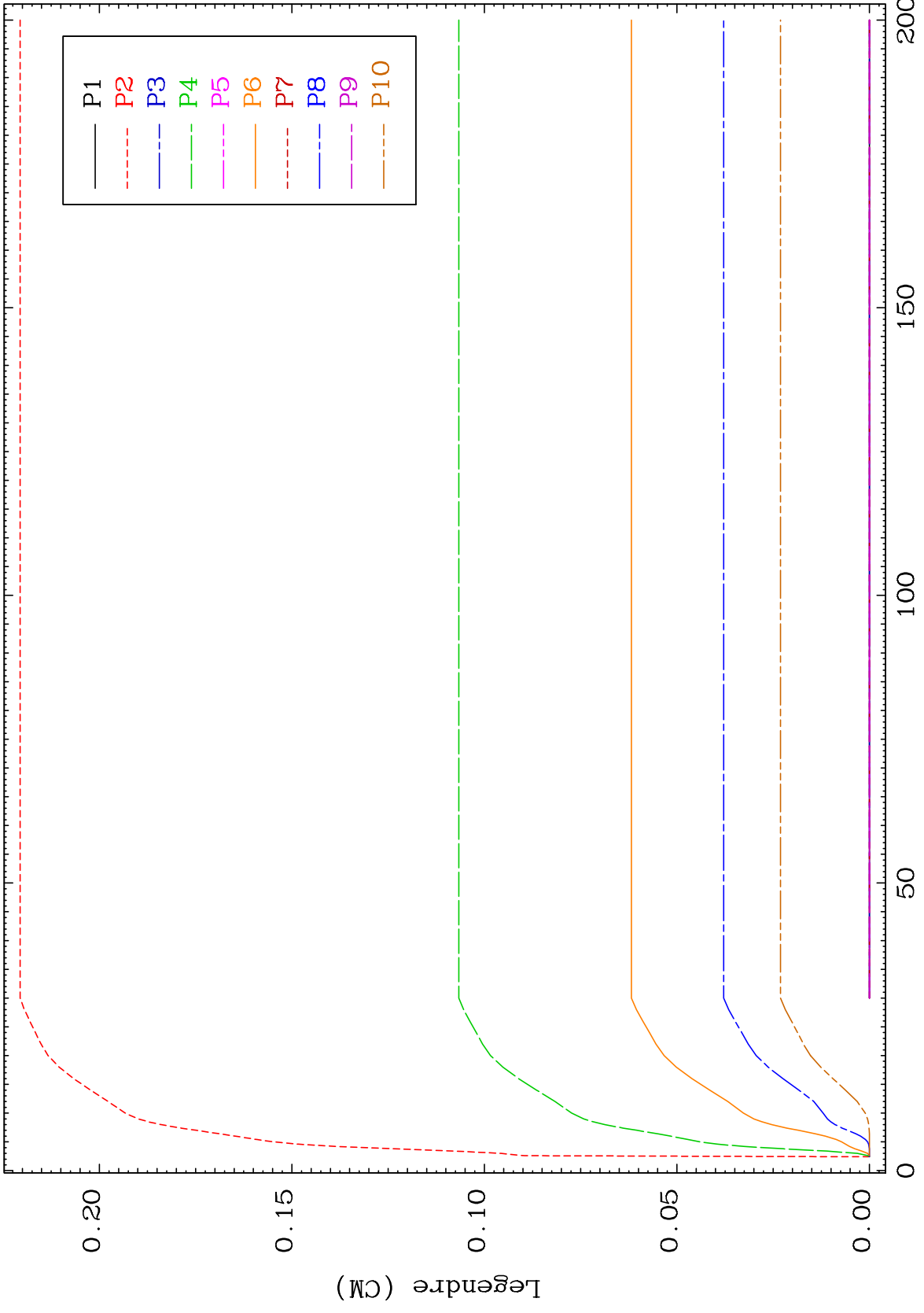


96

Incident Energy (MeV)

44-Ru-100

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

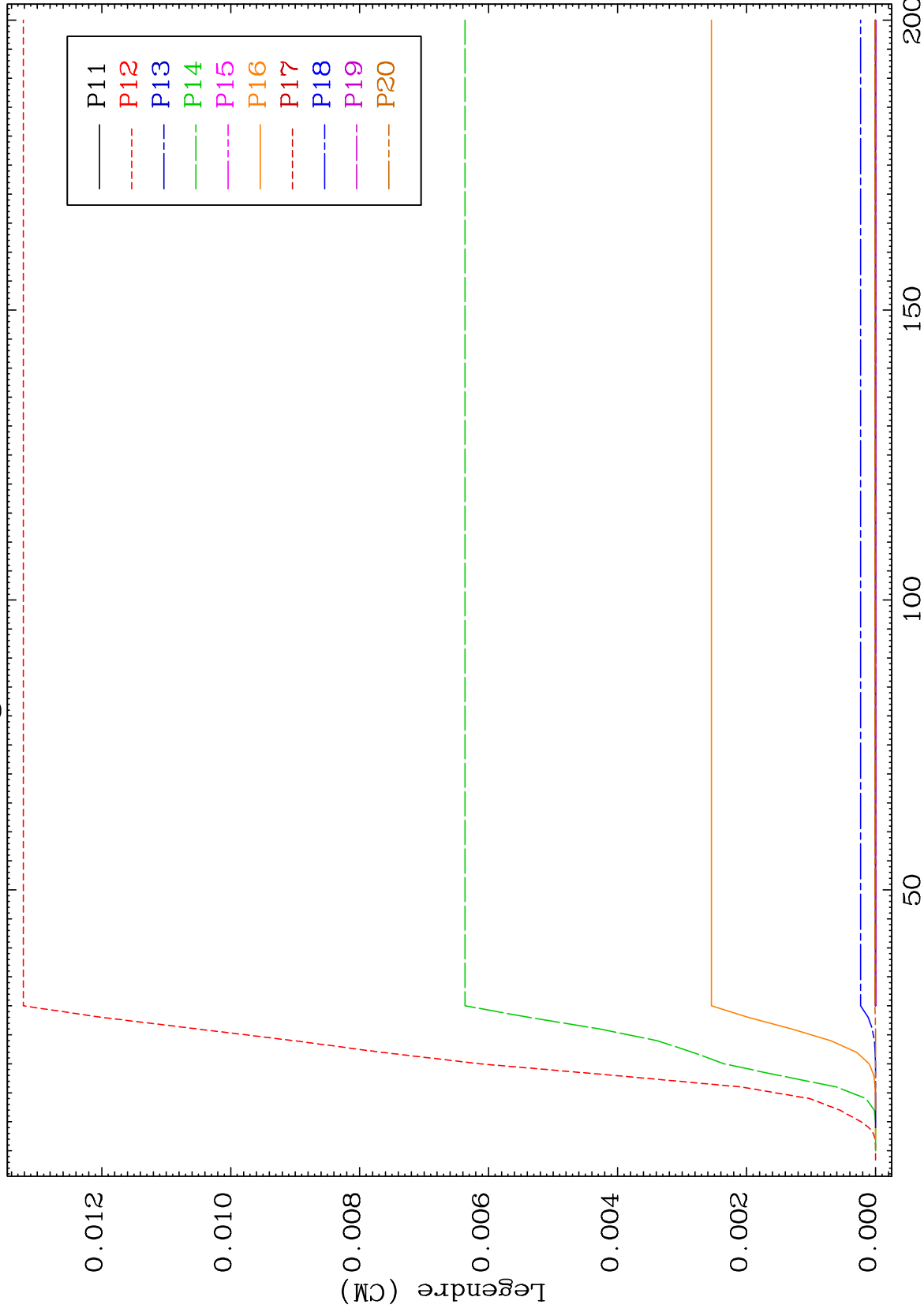


97 44-Ru-100

MAT 4437

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

44-Ru-100



98

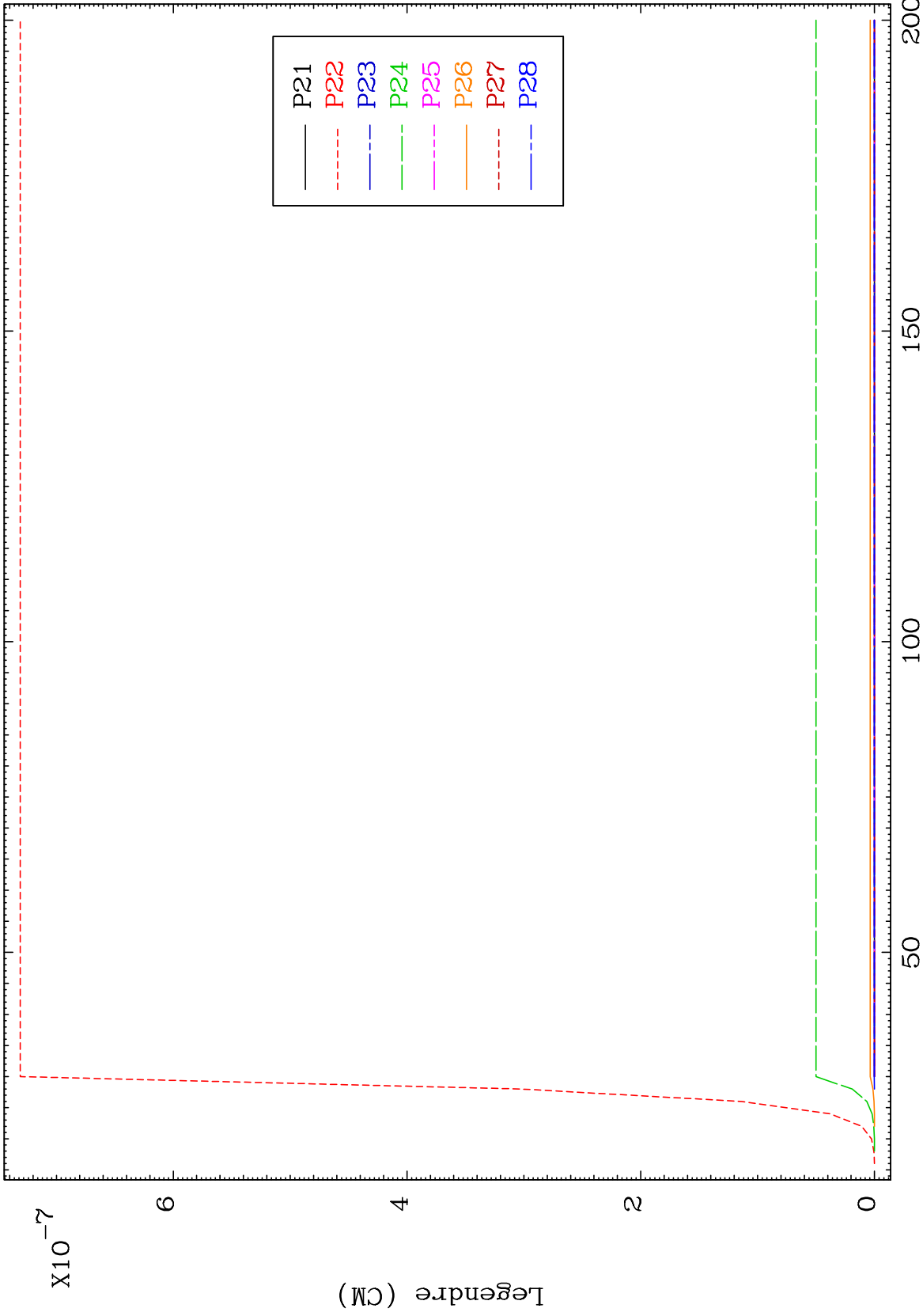
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



99

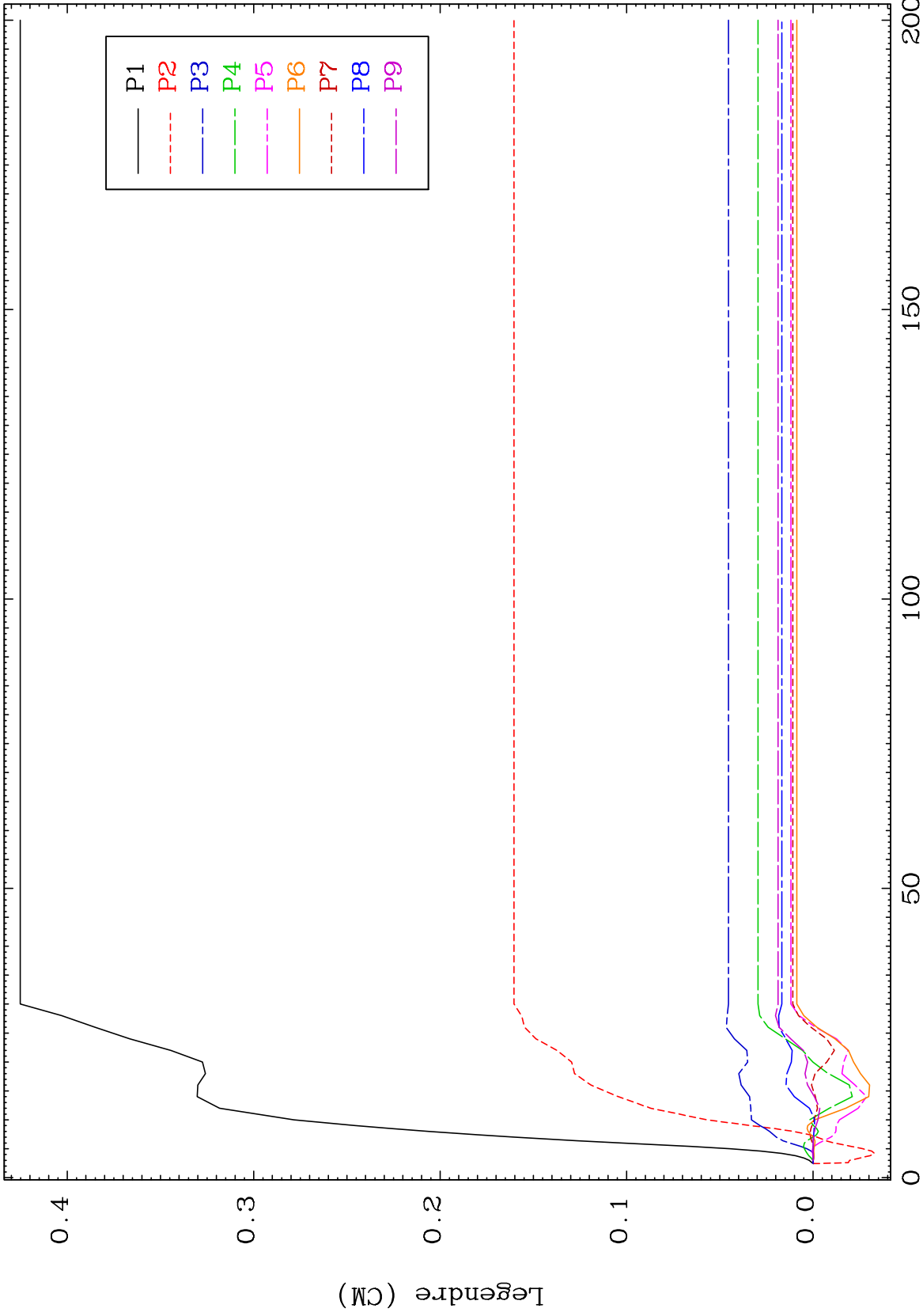
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

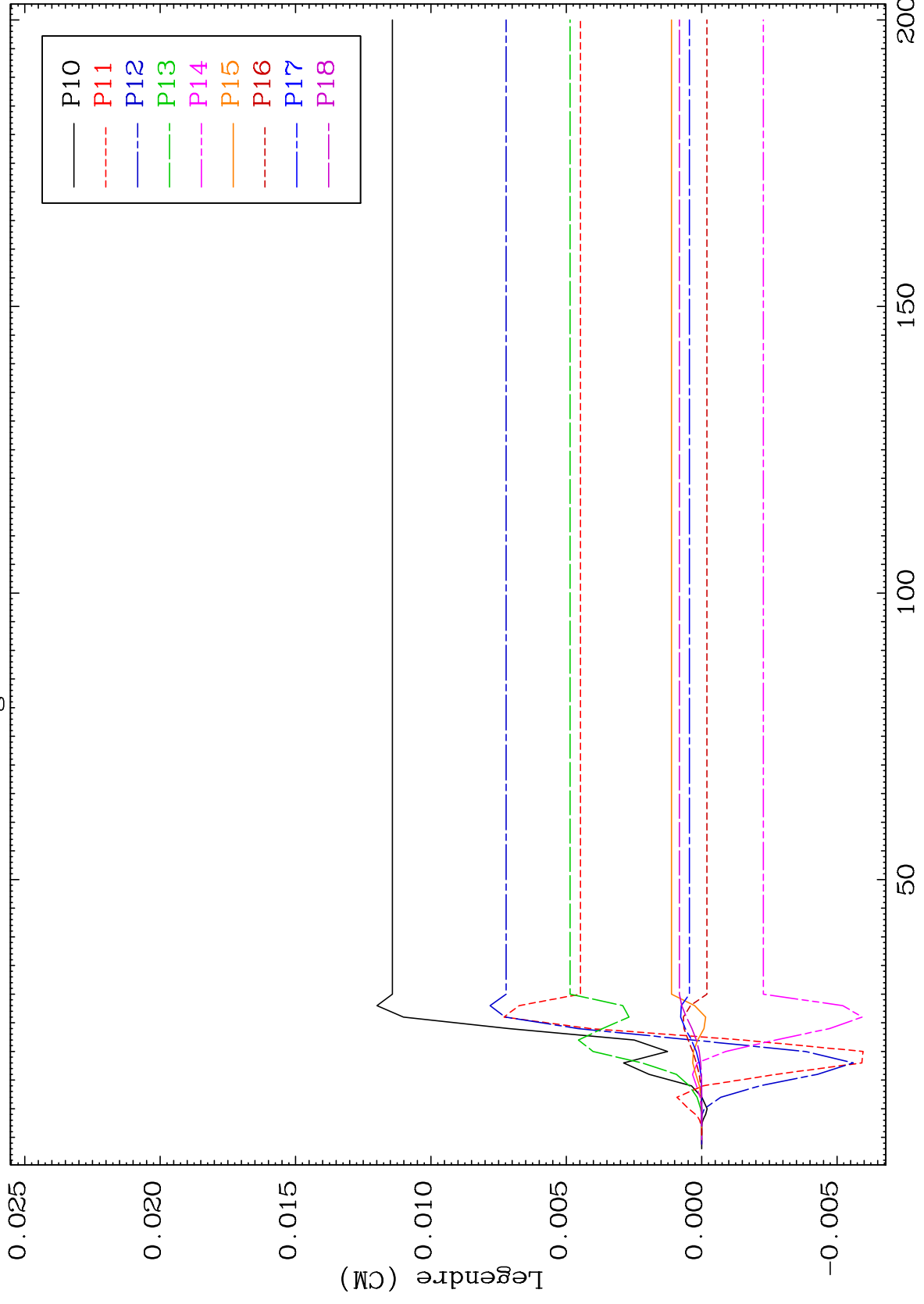
Incident Energy (MeV)

Legendre (CM)

MAT 4437

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

44-Ru-100



101

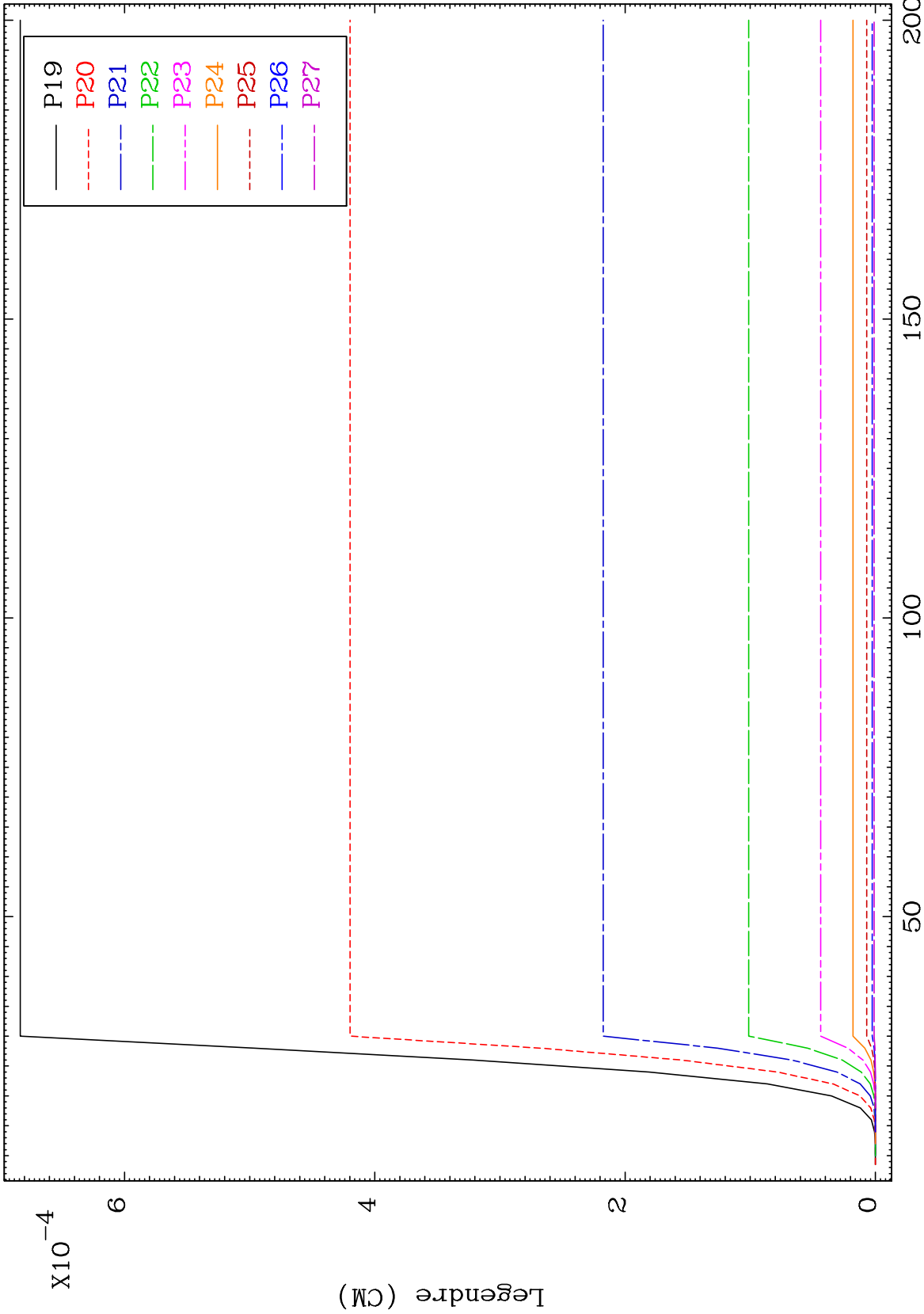
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



102

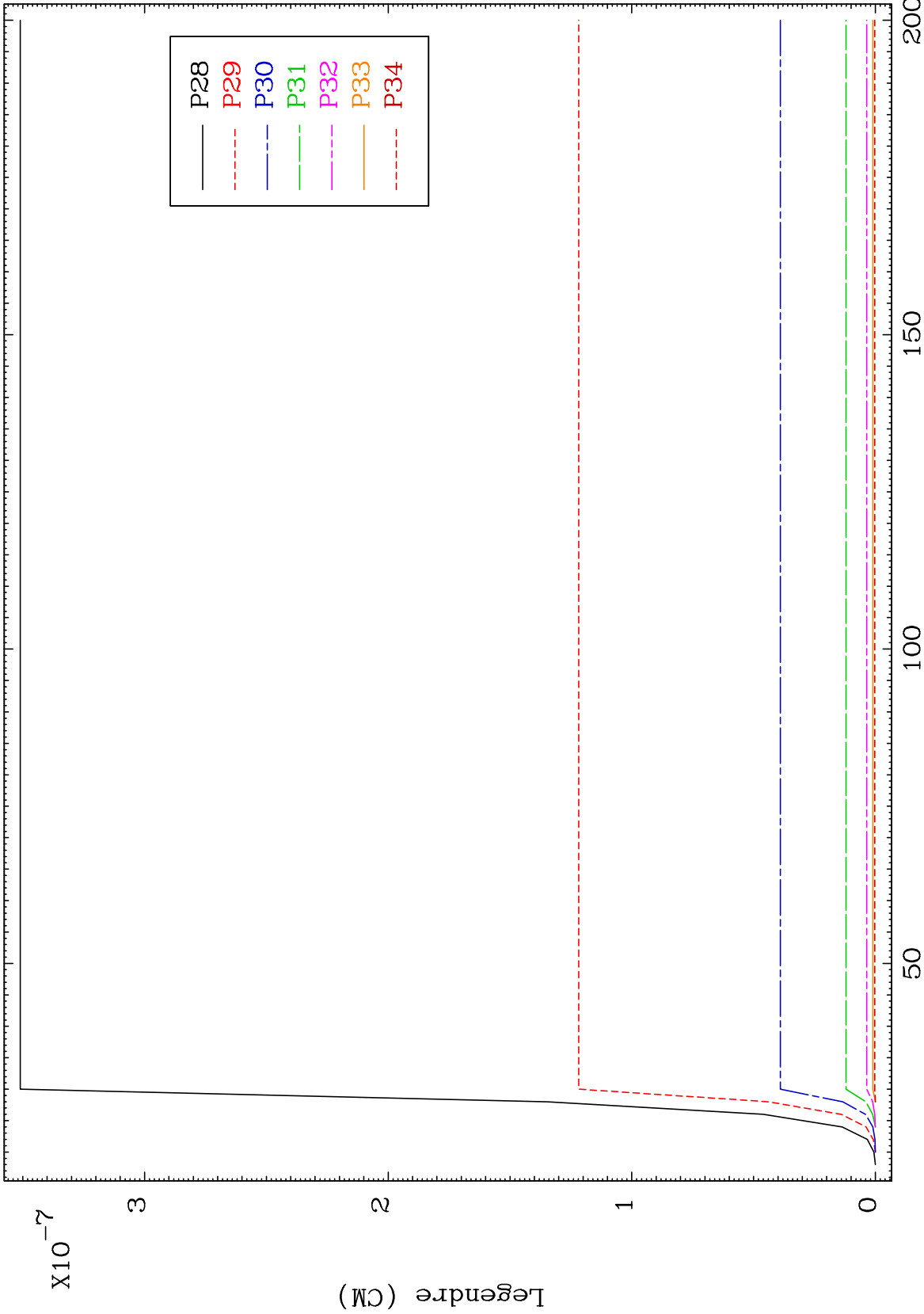
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



103

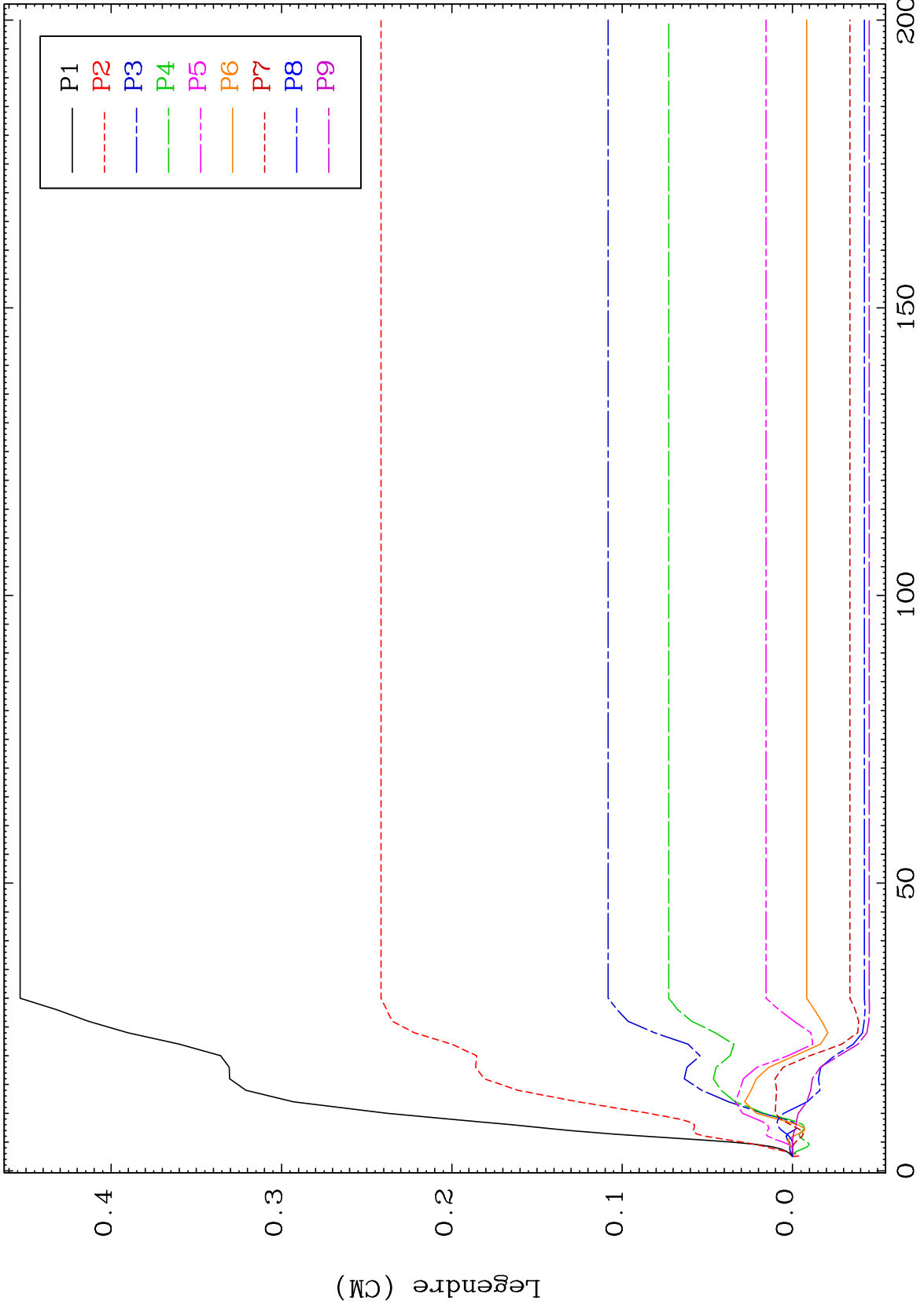
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

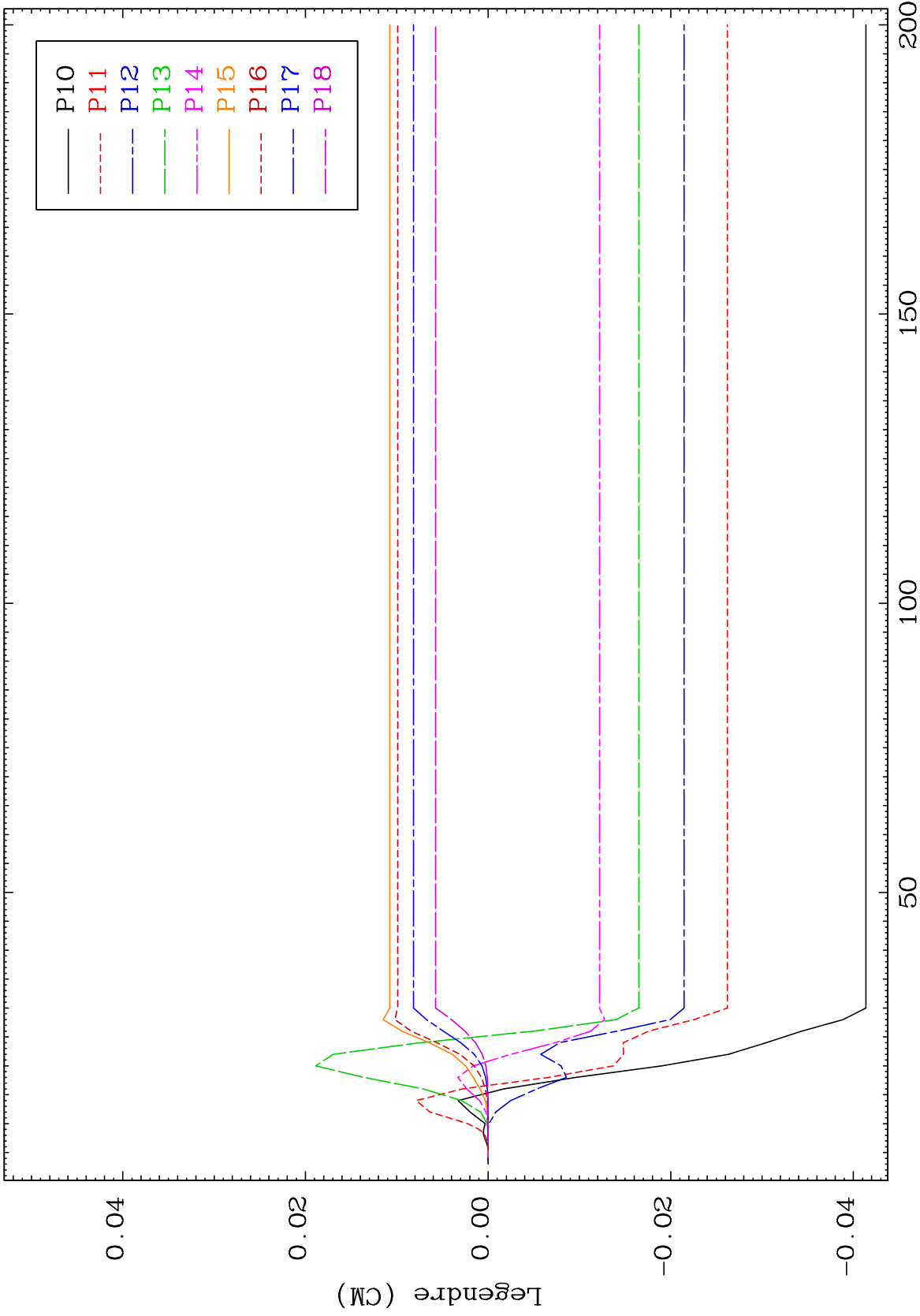
Incident Energy (MeV)

104

MAT 4437

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

44-Ru-100



105

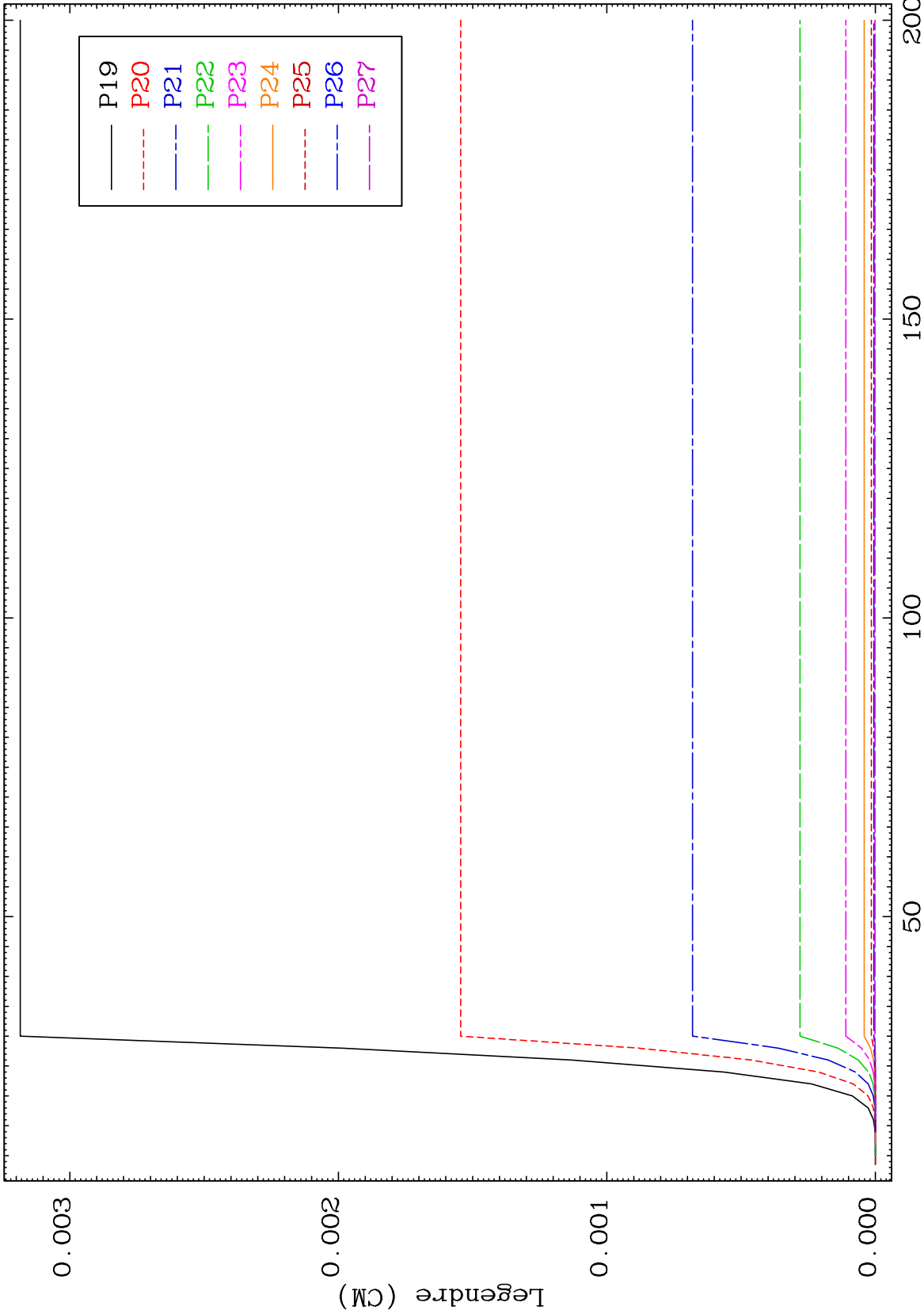
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



106

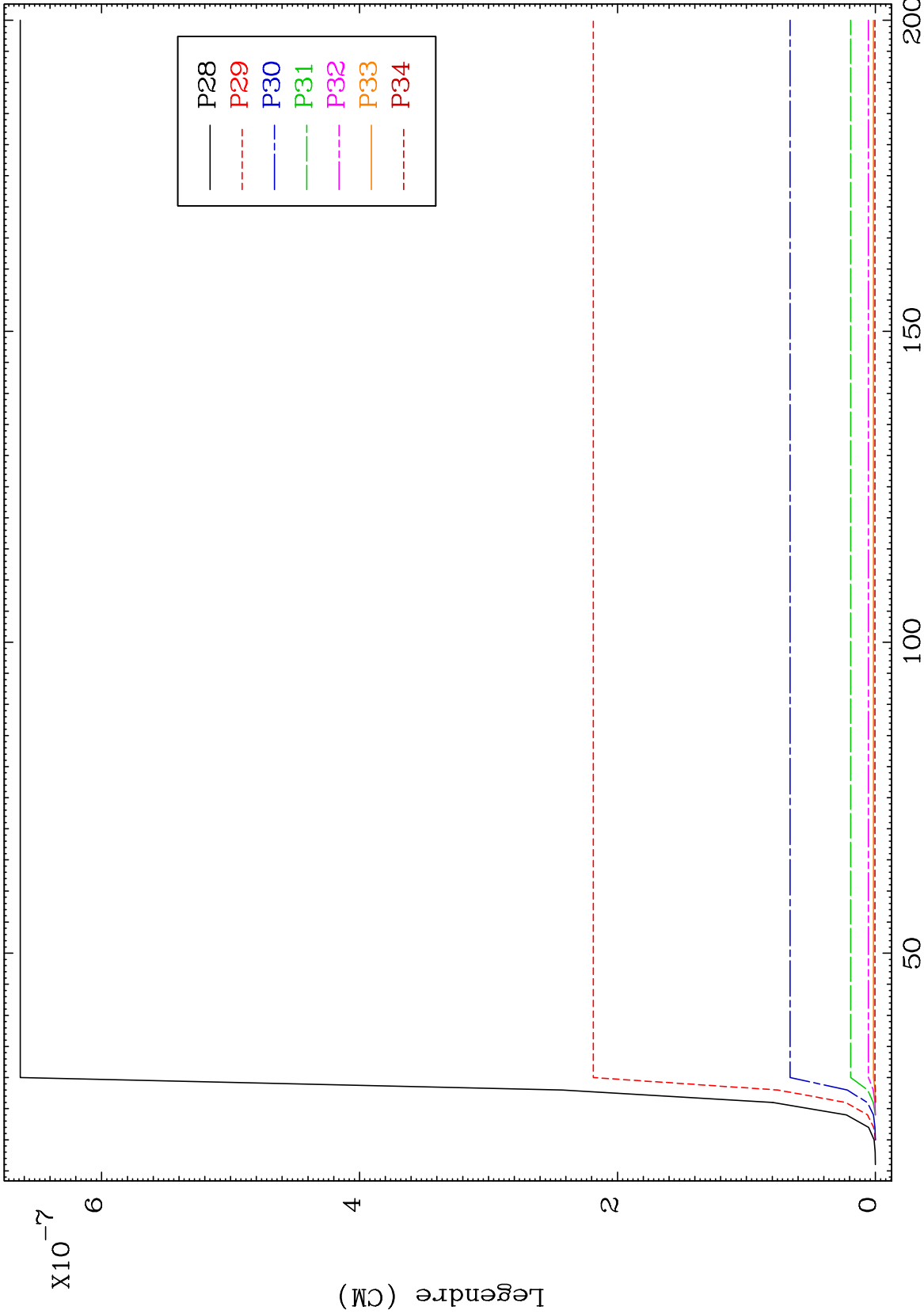
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

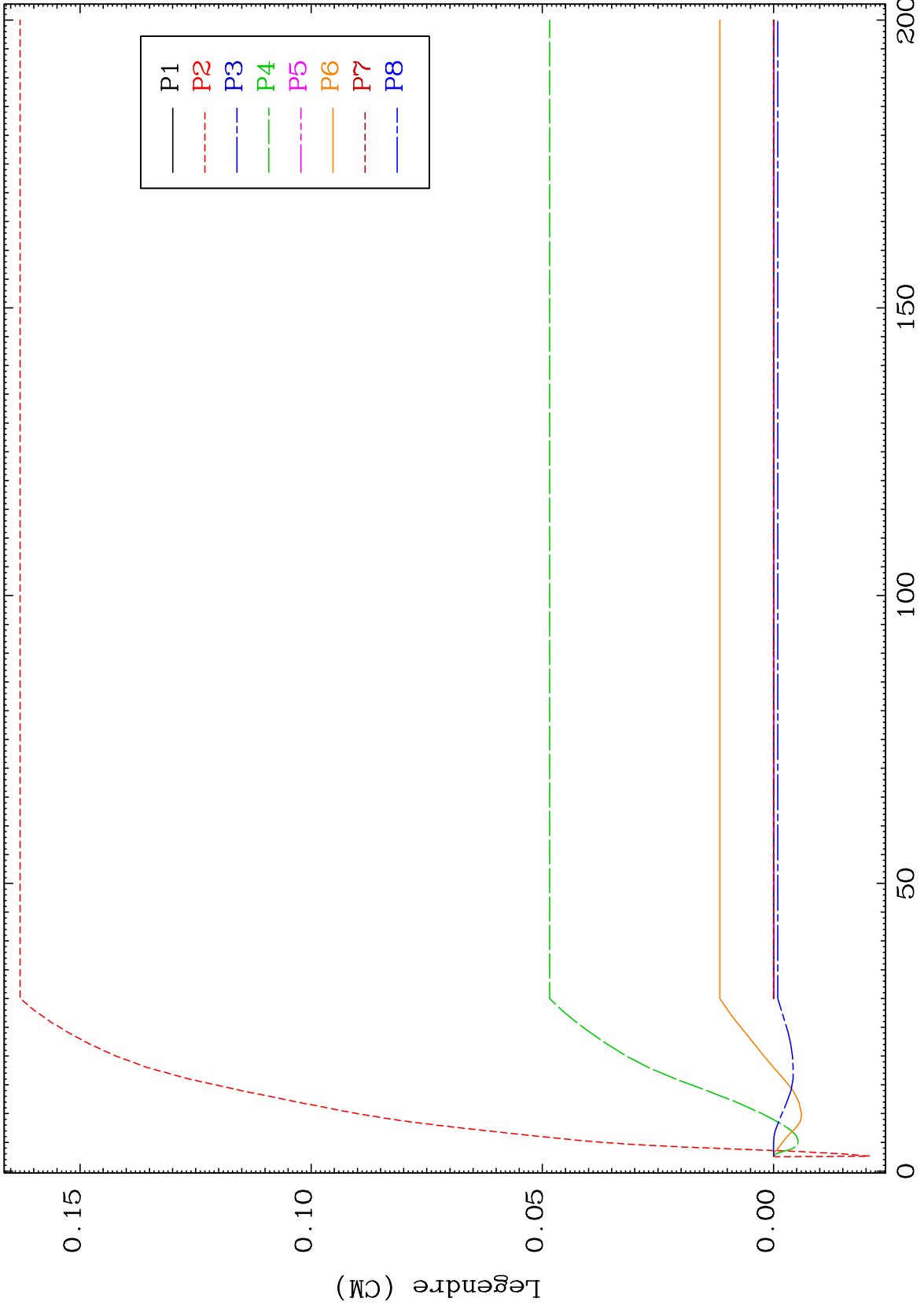


107

Incident Energy (MeV)

44-Ru-100

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

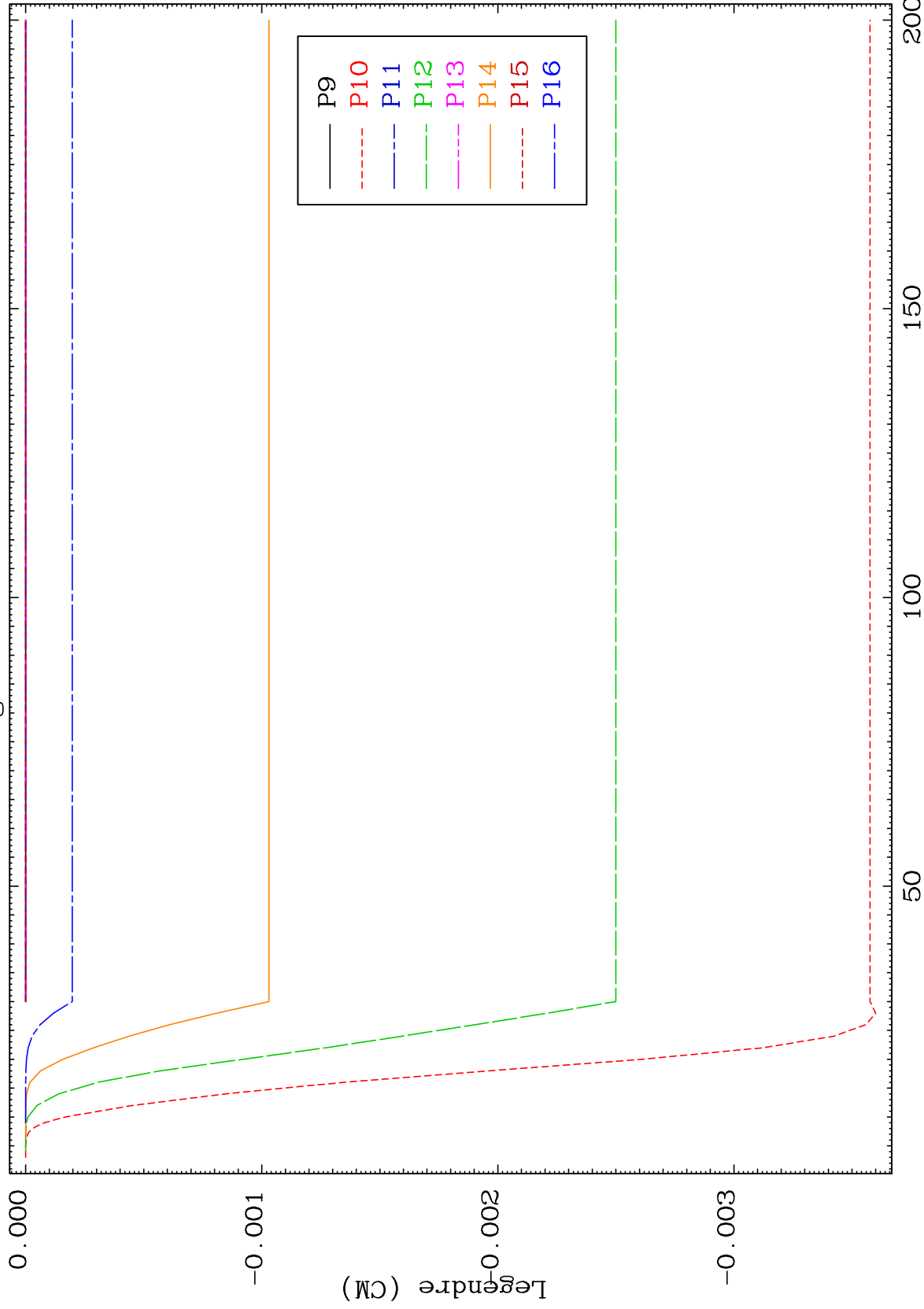


108 44-Ru-100

MAT 4437

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

44-Ru-100



109

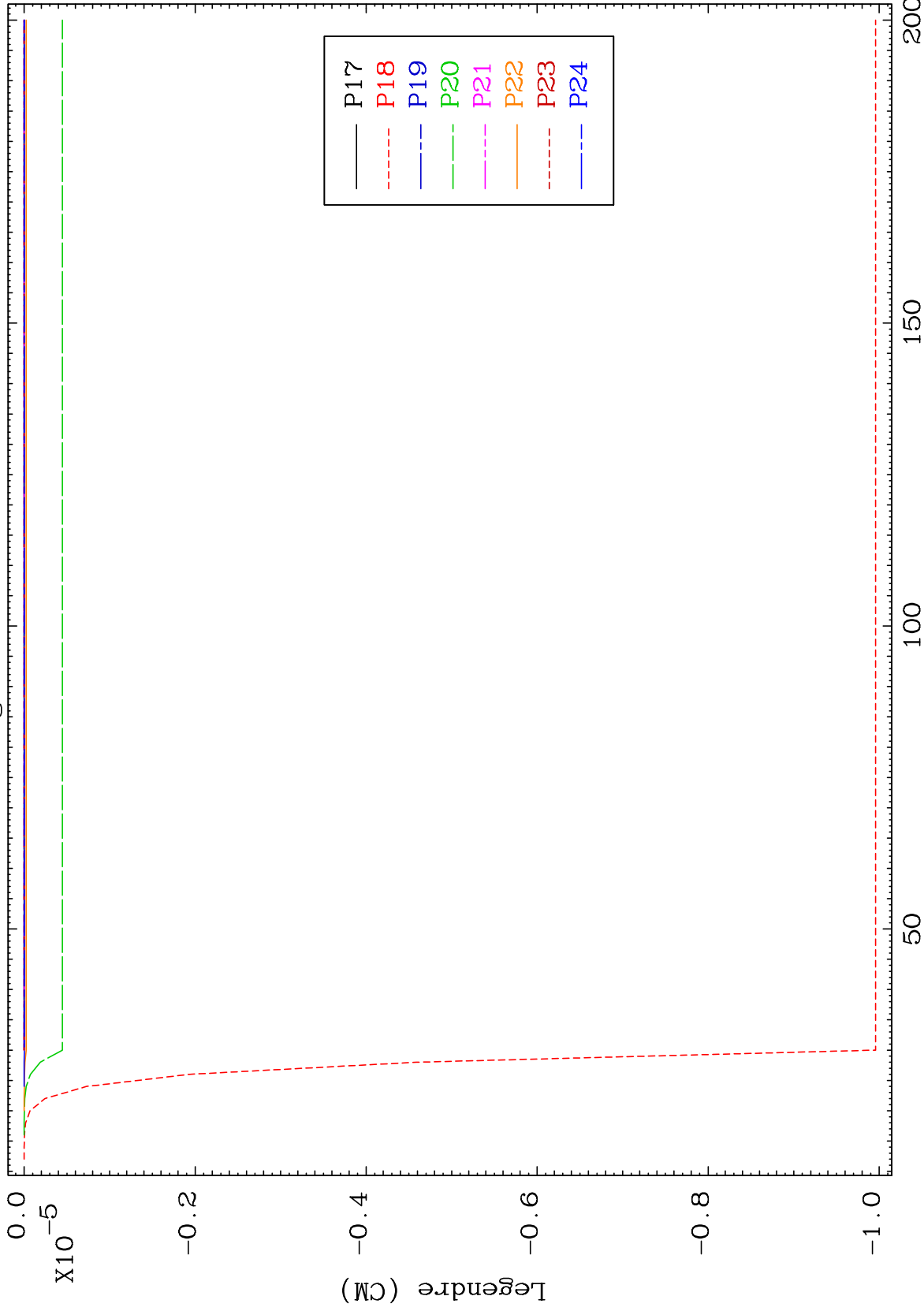
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

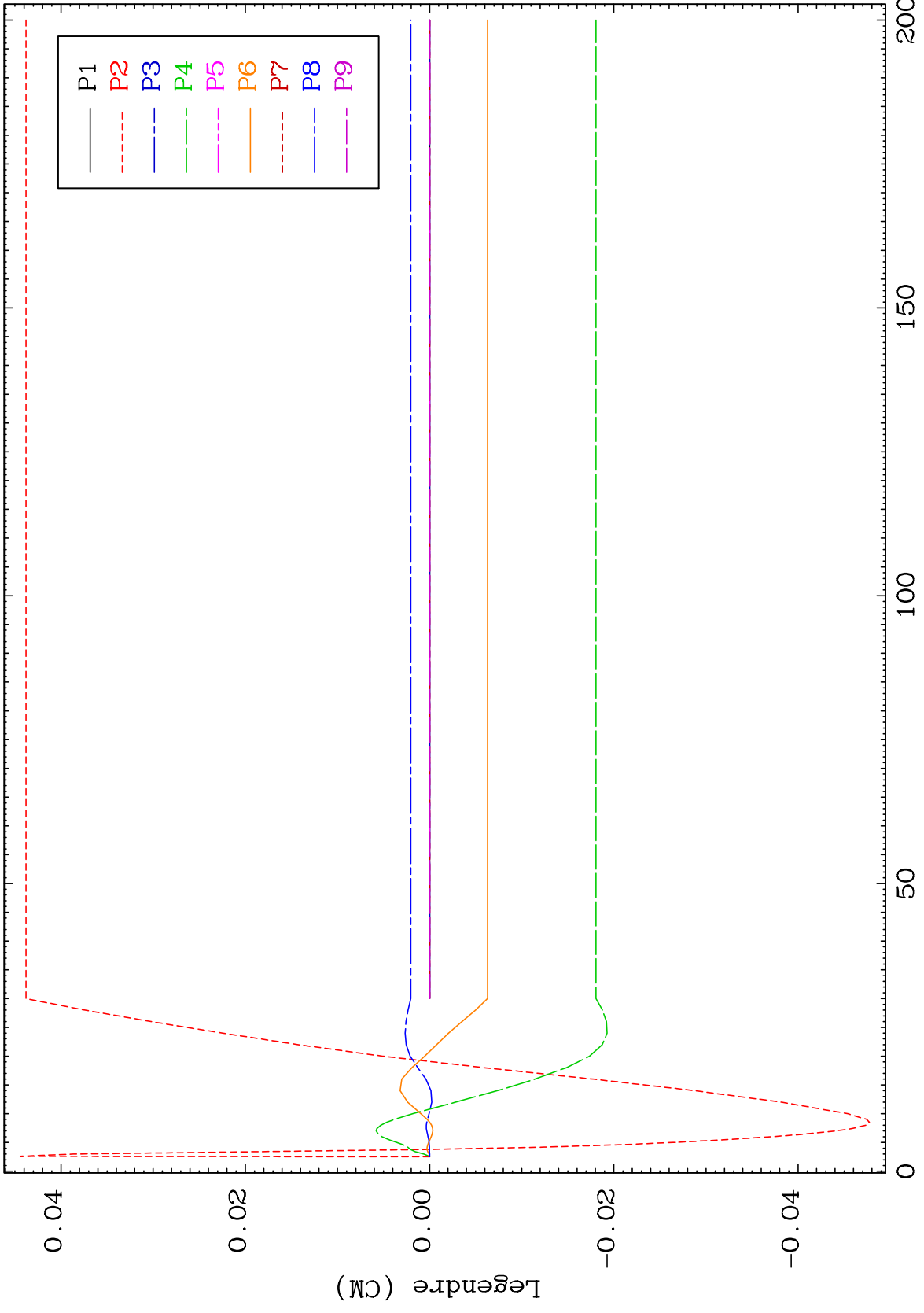


44-Ru-100

Incident Energy (MeV)

110

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

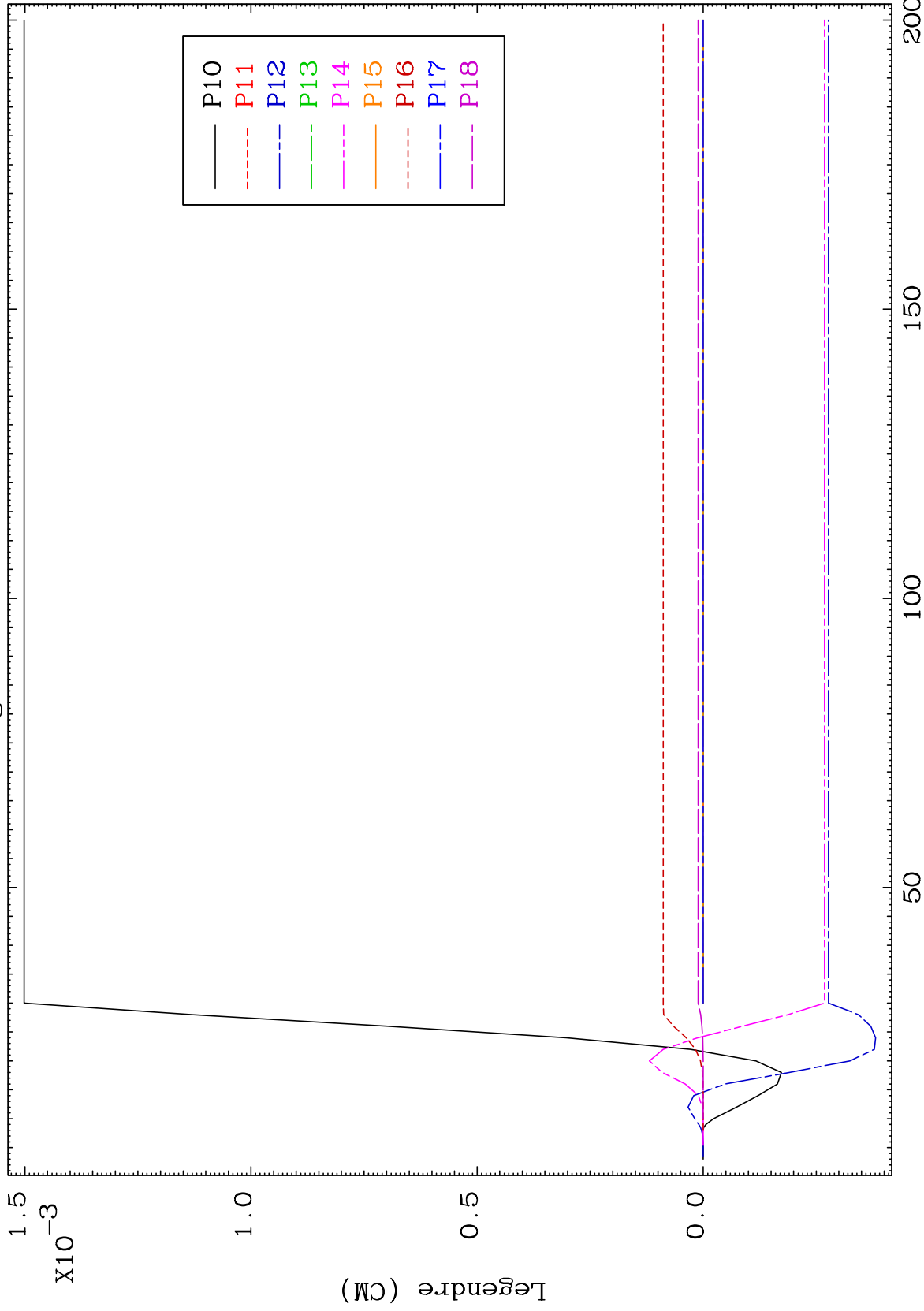


111 44-Ru-100

MAT 4437

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

44-Ru-100



112

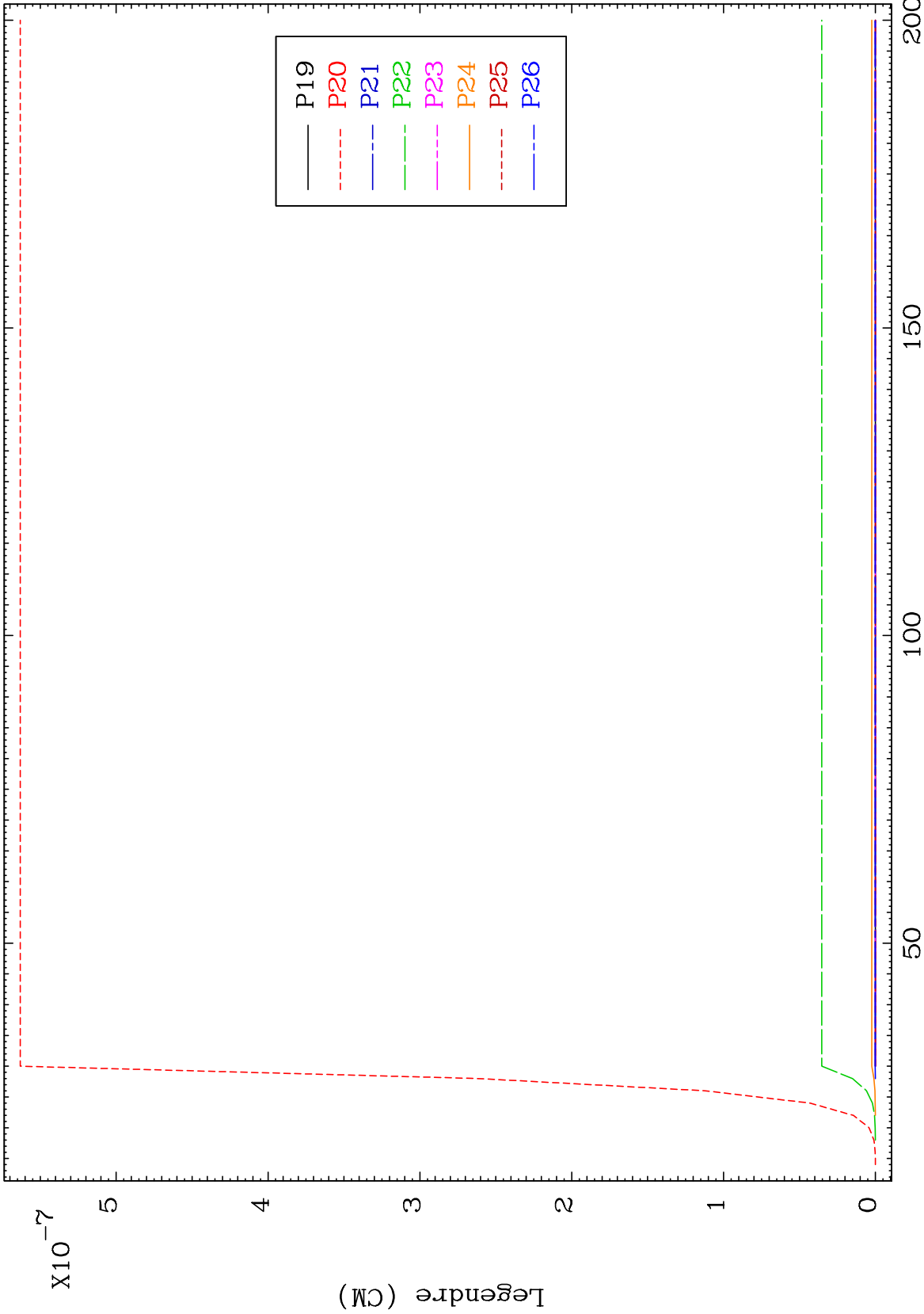
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



113

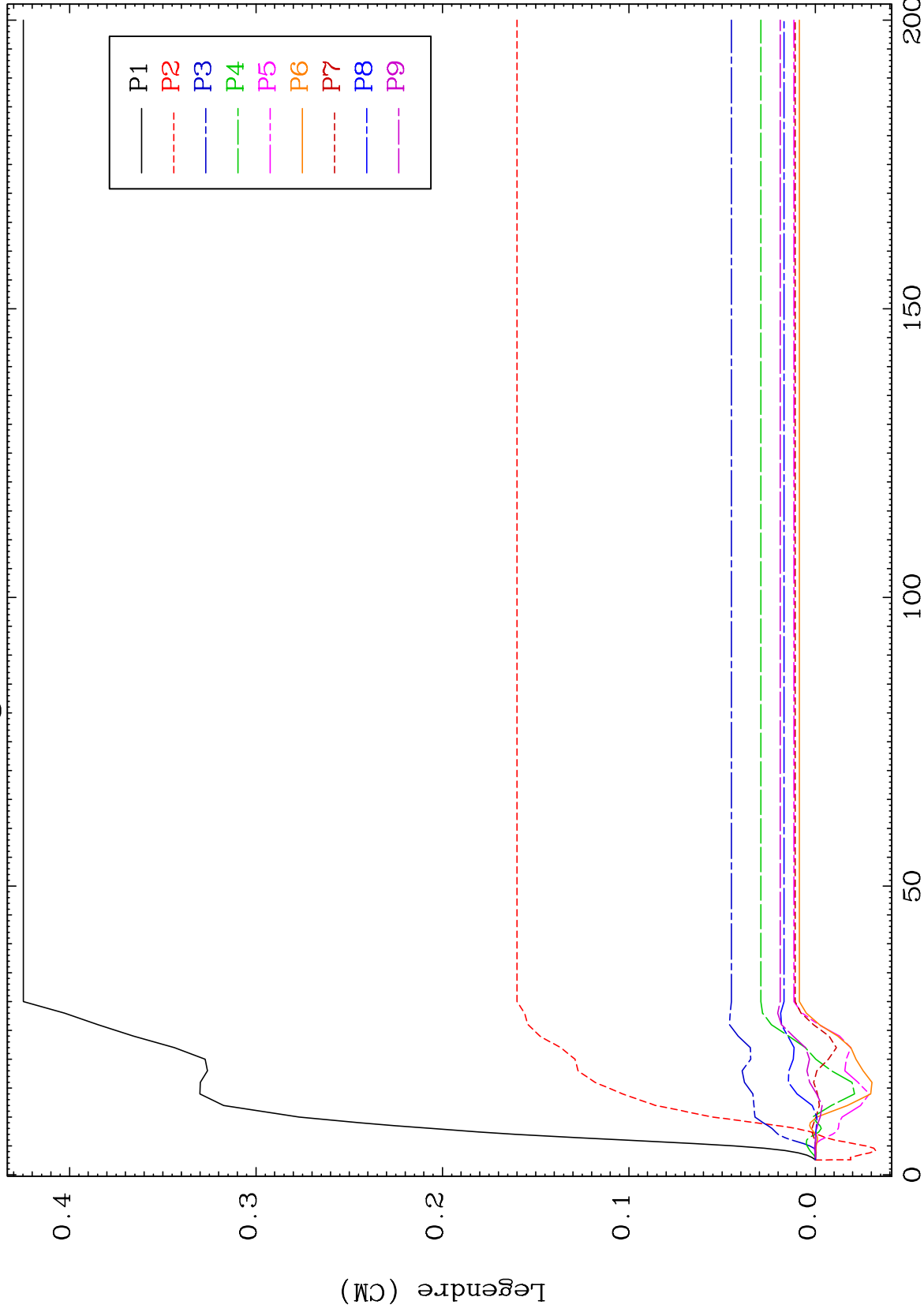
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



114

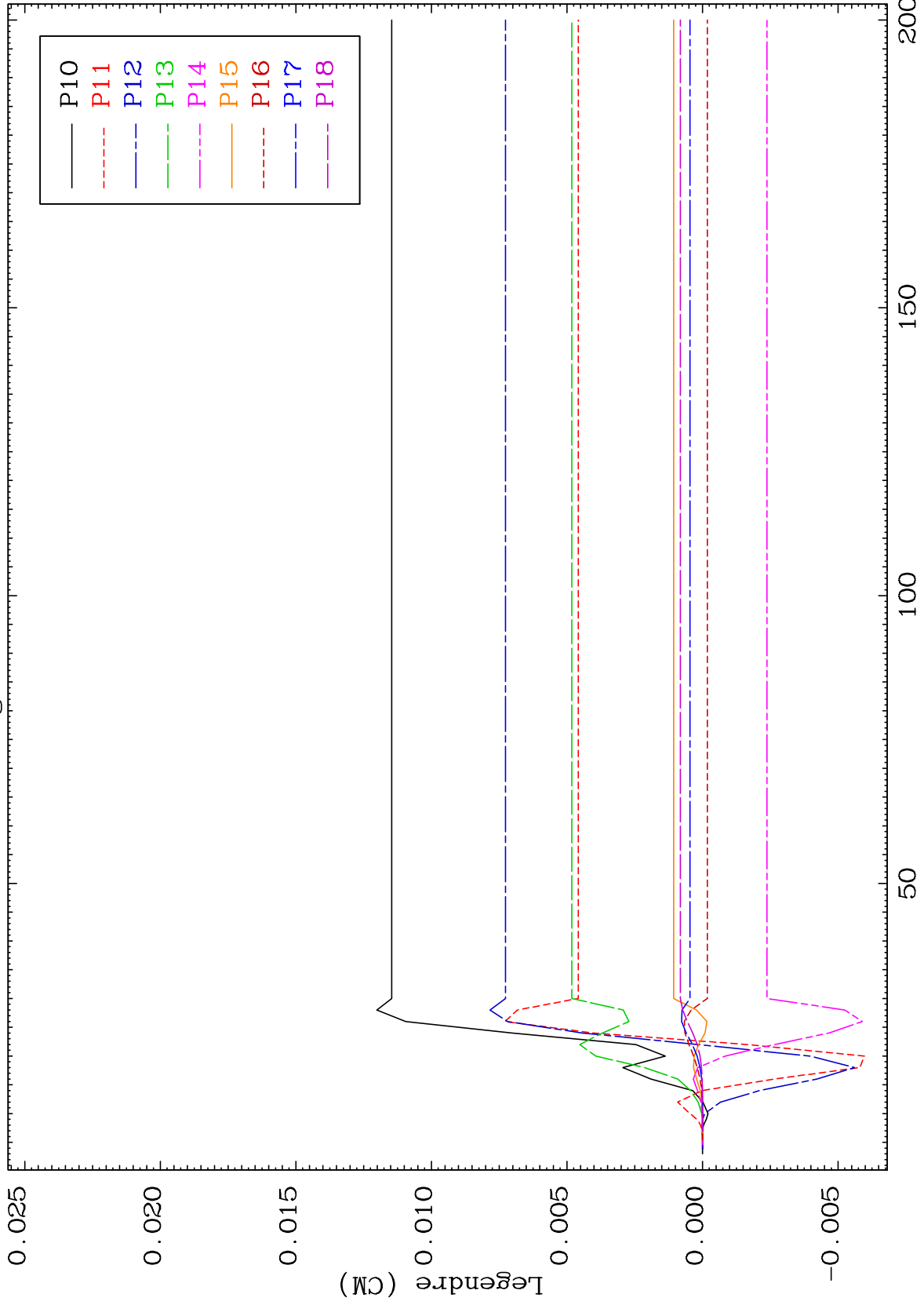
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



115

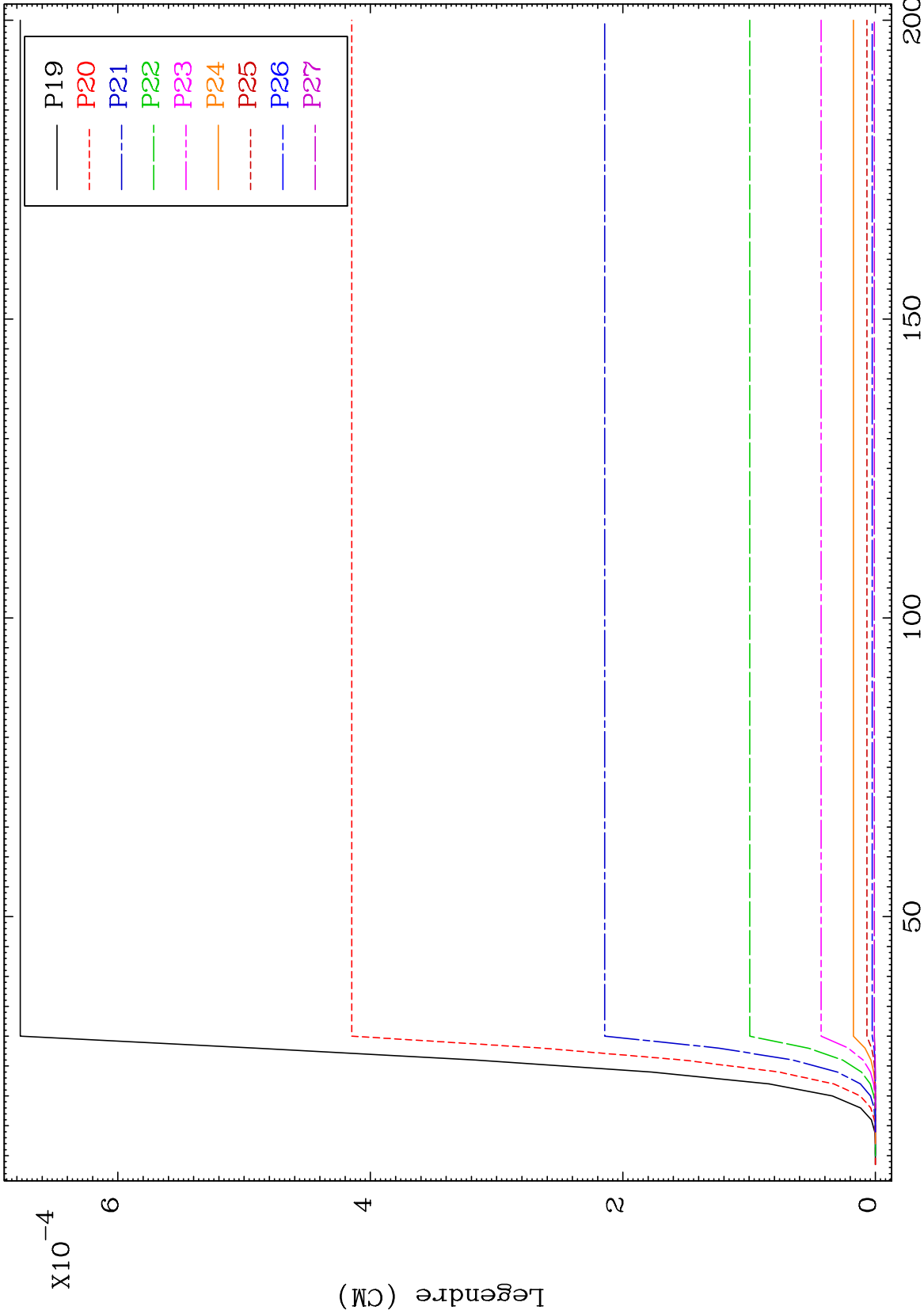
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



116

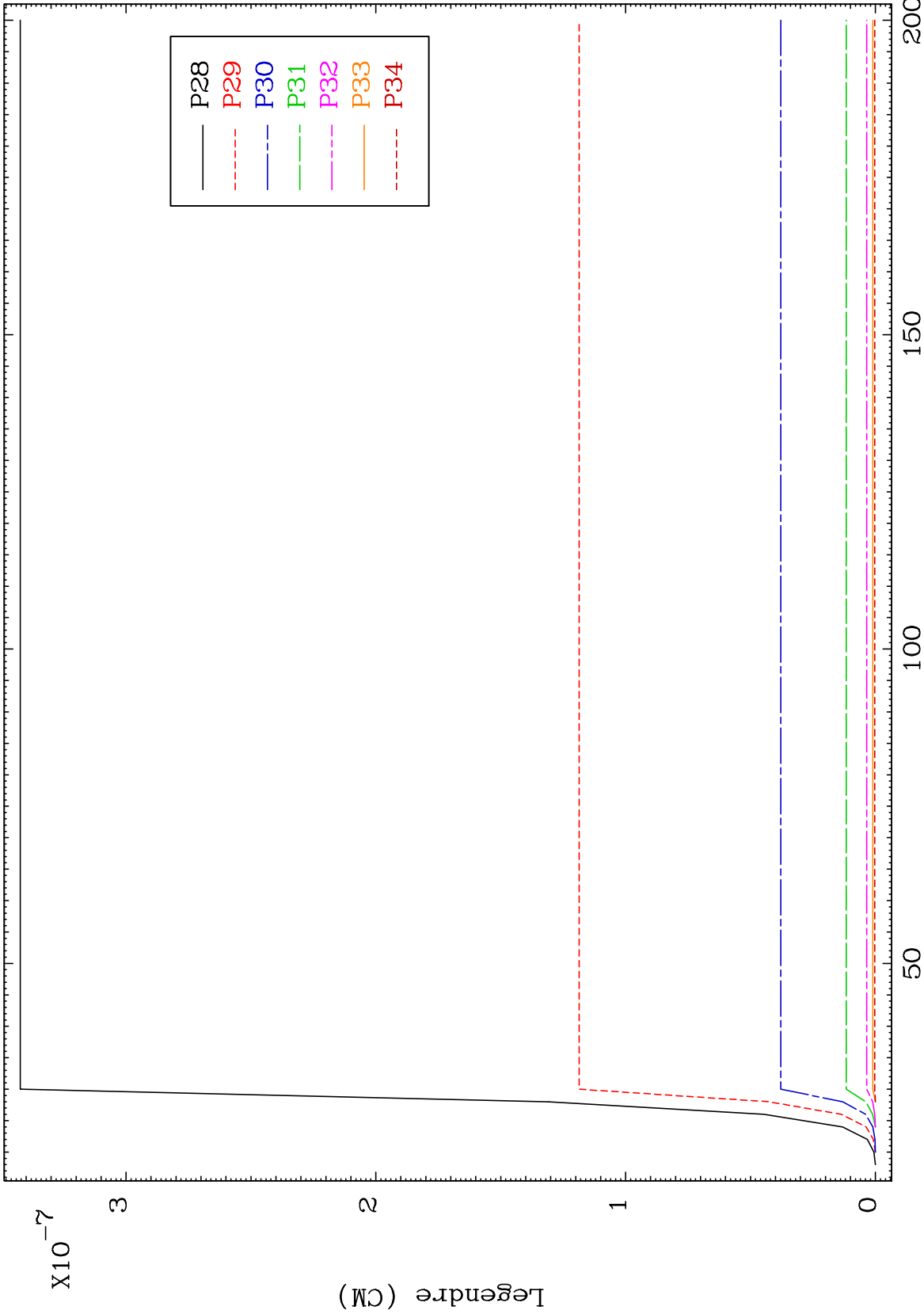
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



117

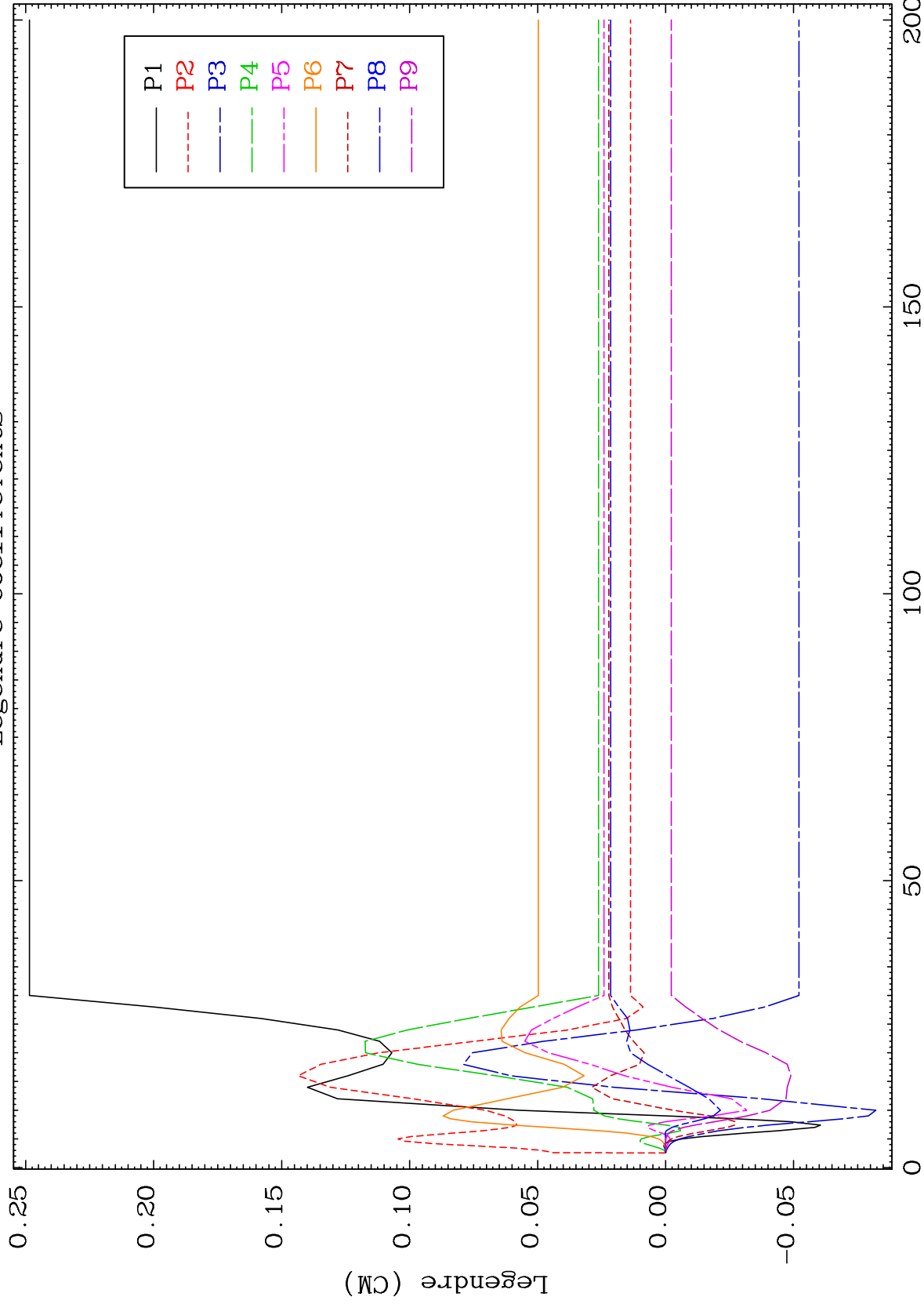
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



118

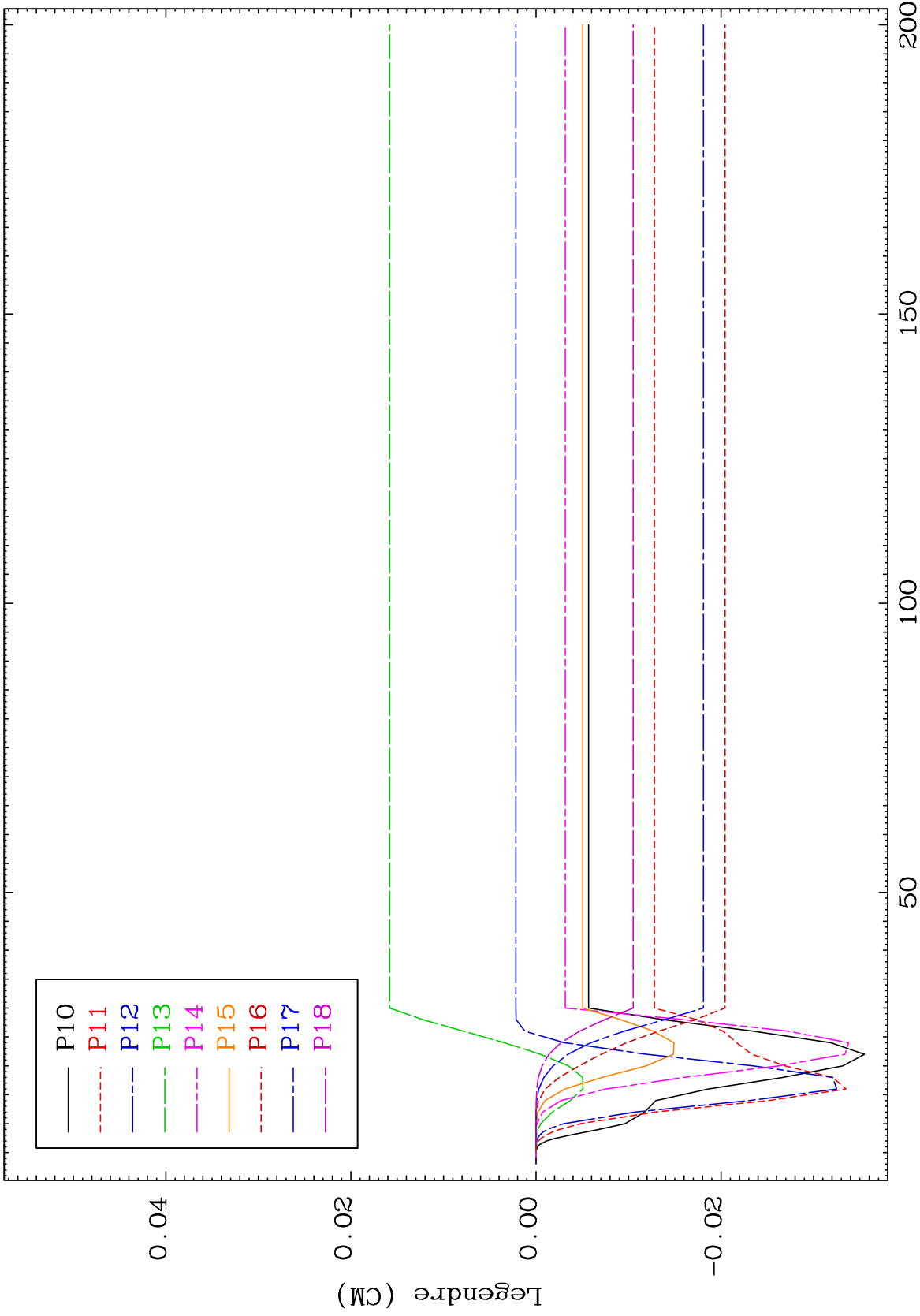
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

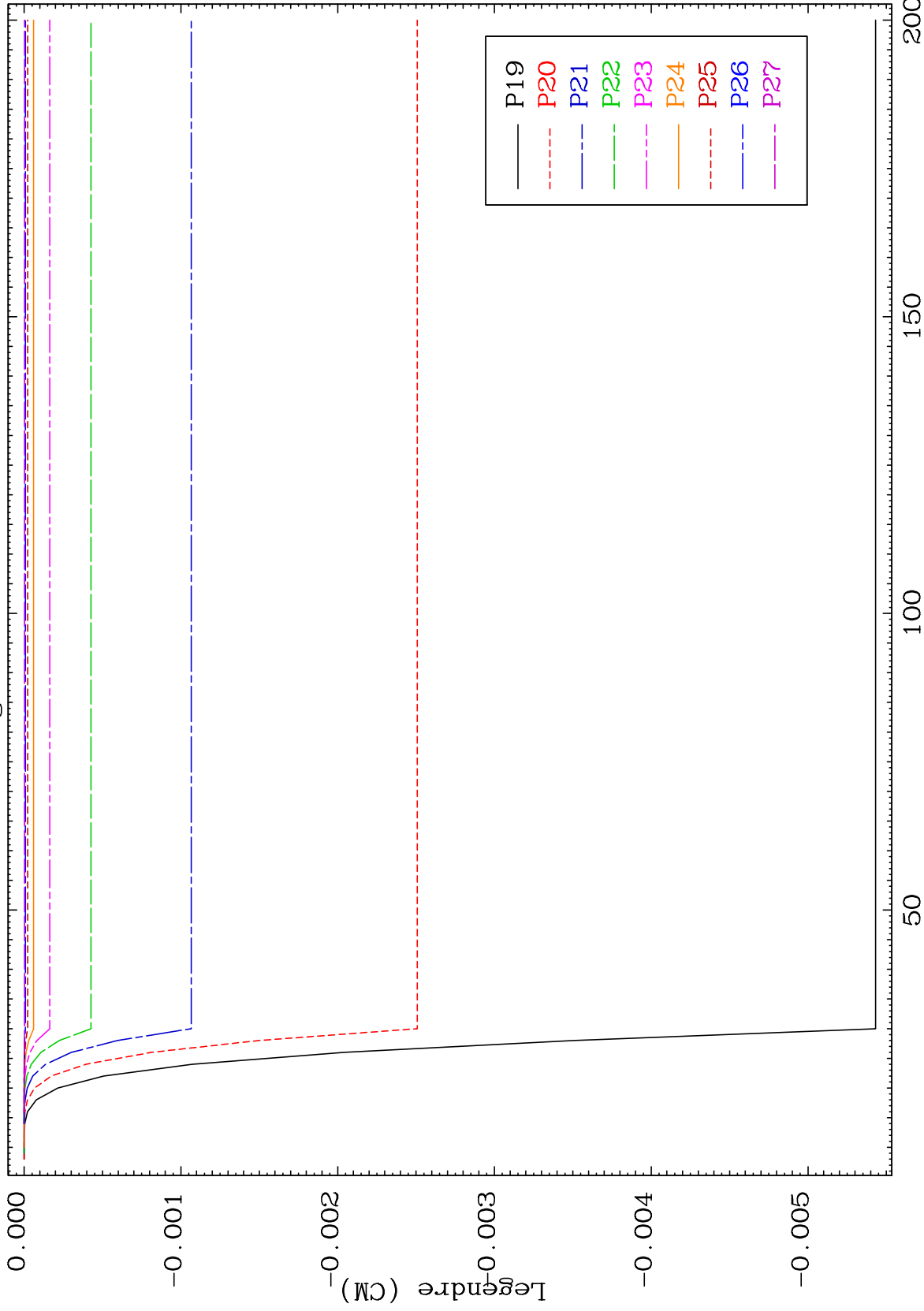


119

Incident Energy (MeV)

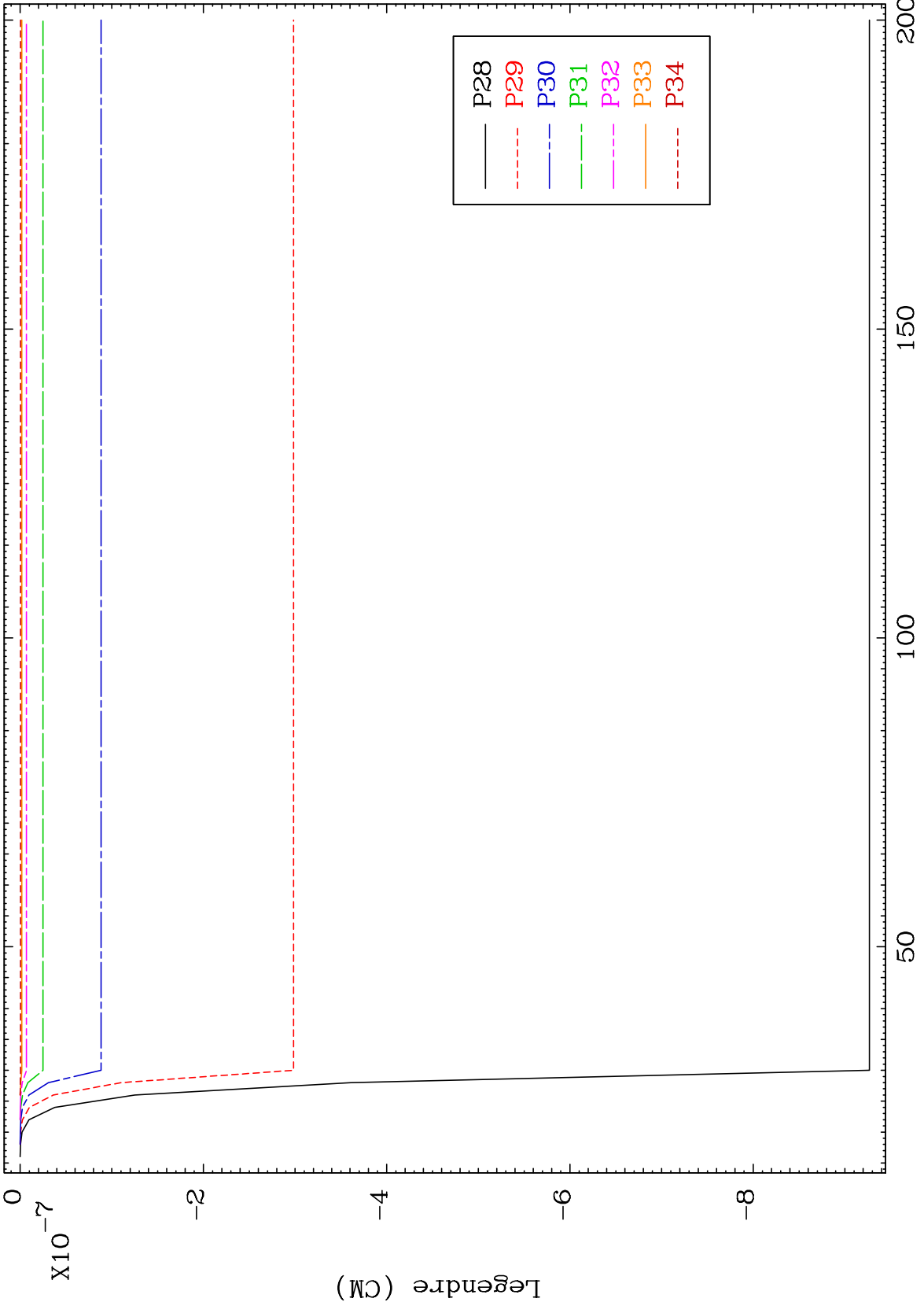
44-Ru-100

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



120 Incident Energy (MeV) 44-Ru-100

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



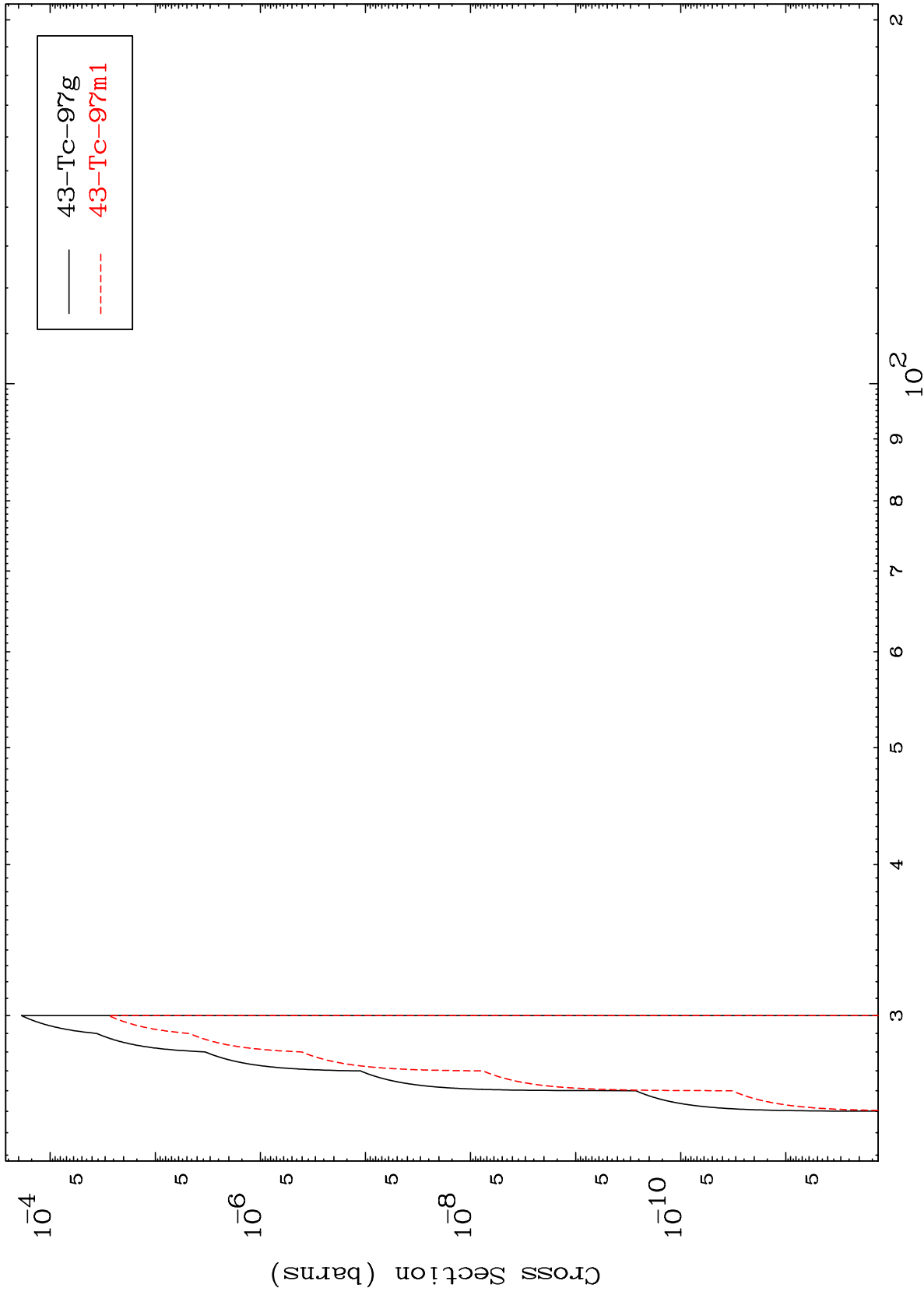
121 44-Ru-100

MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



122

Incident Energy (MeV)

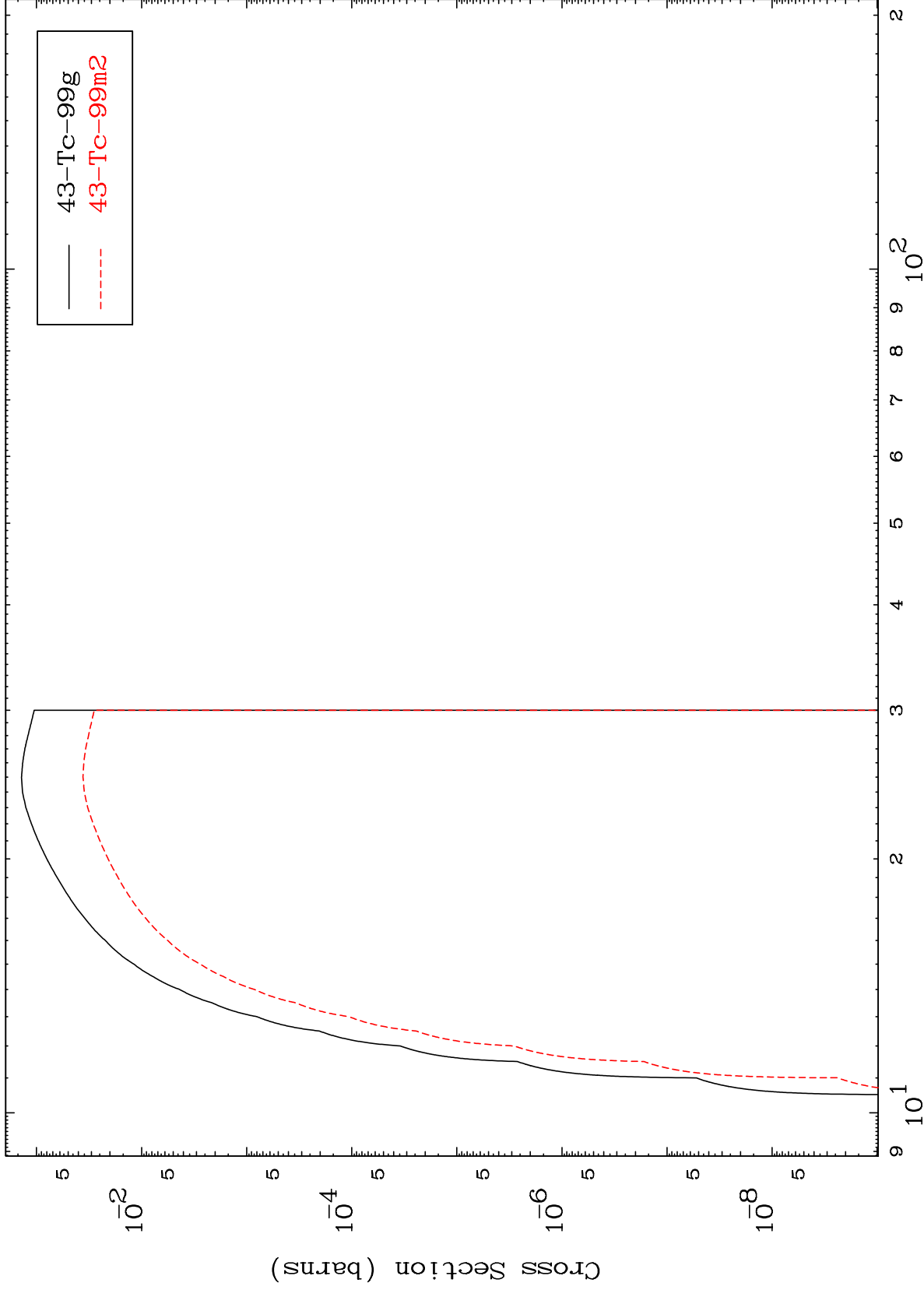
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section



123

Incident Energy (MeV)

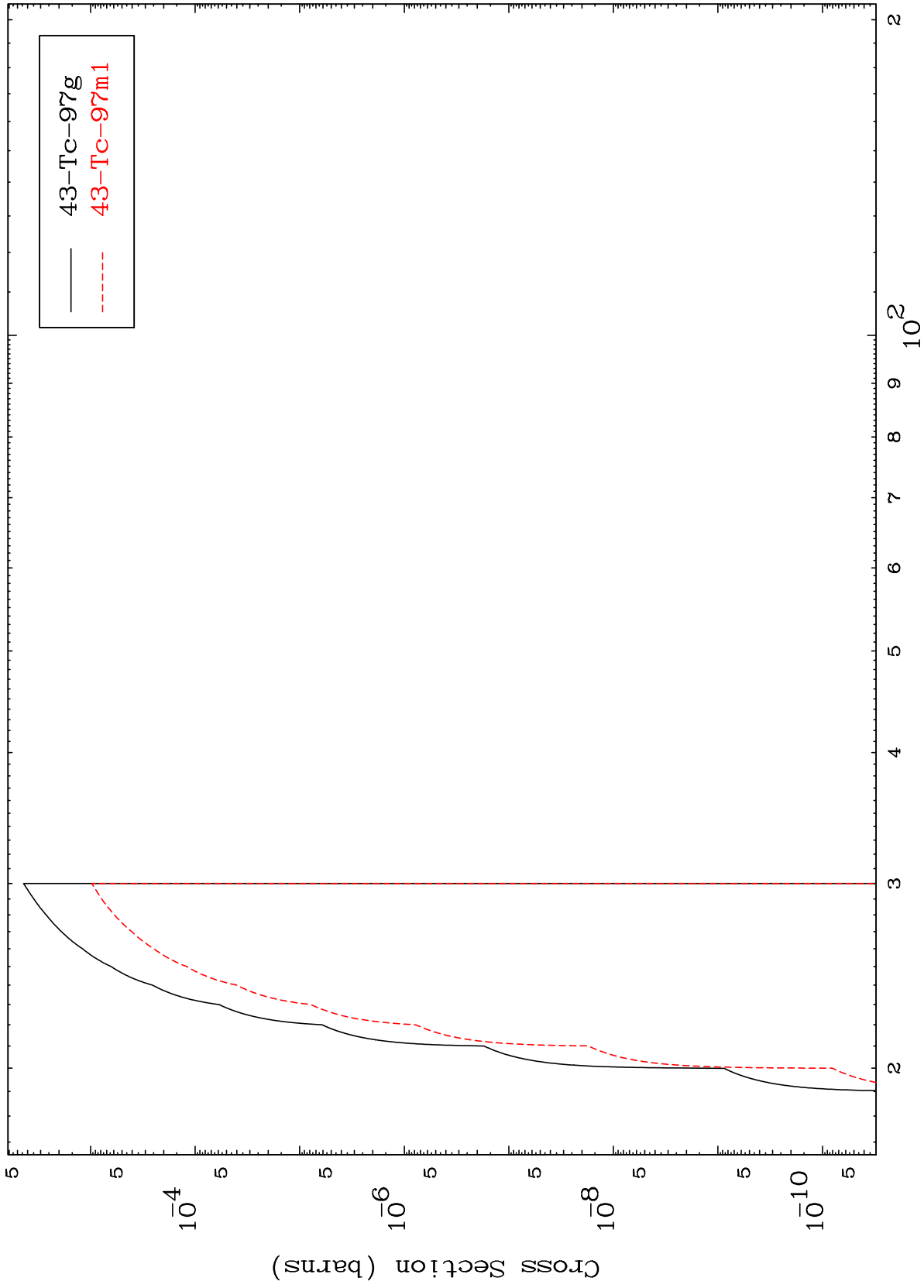
44-Ru-100

MAT 4437

(n,n') t

44-Ru-100

Radionuclide Production Cross Section



124

Incident Energy (MeV)

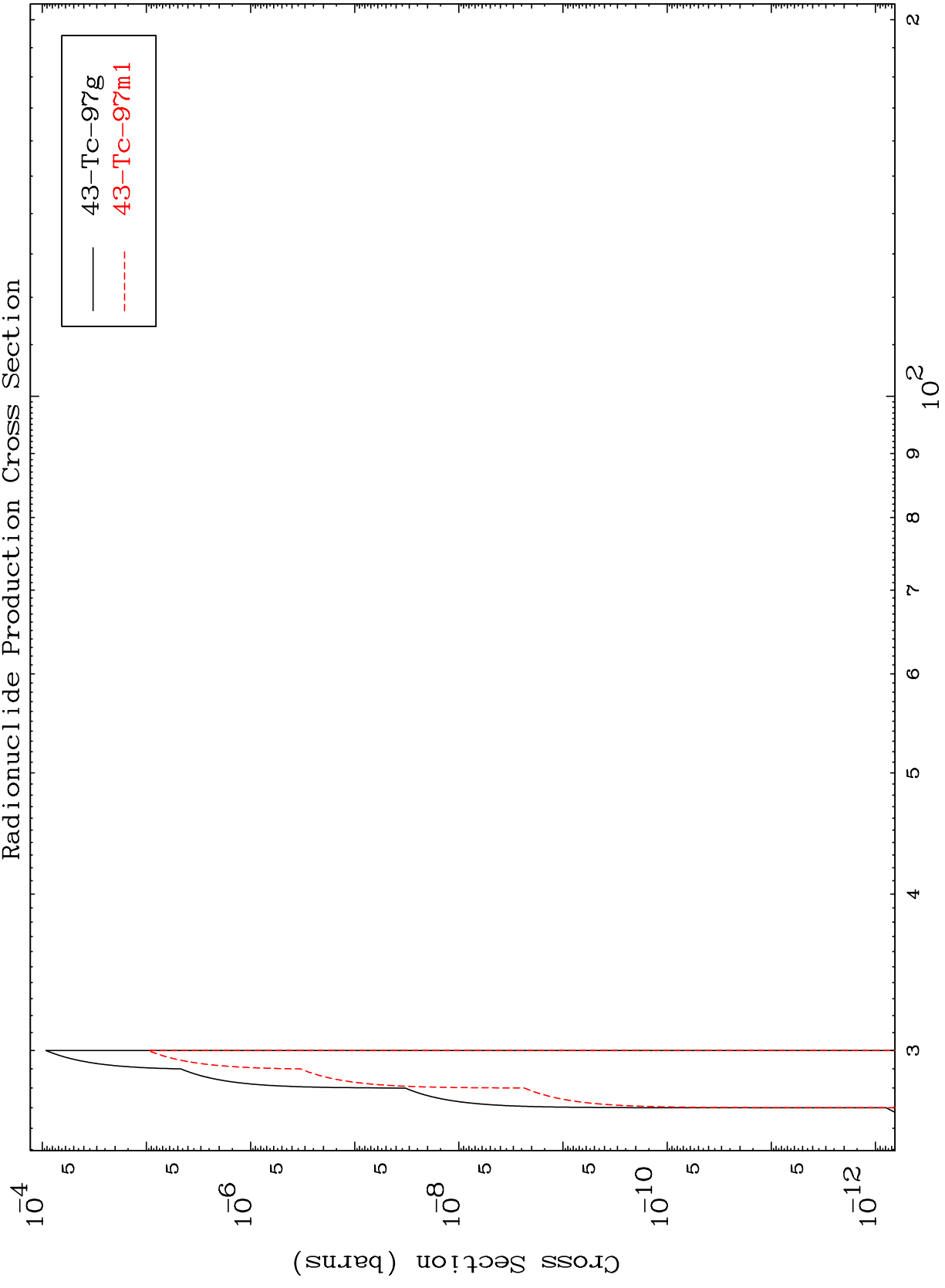
44-Ru-100

MAT 4437

(n,3n) p

44-Ru-100

Radionuclide Production Cross Section



125

Incident Energy (MeV)

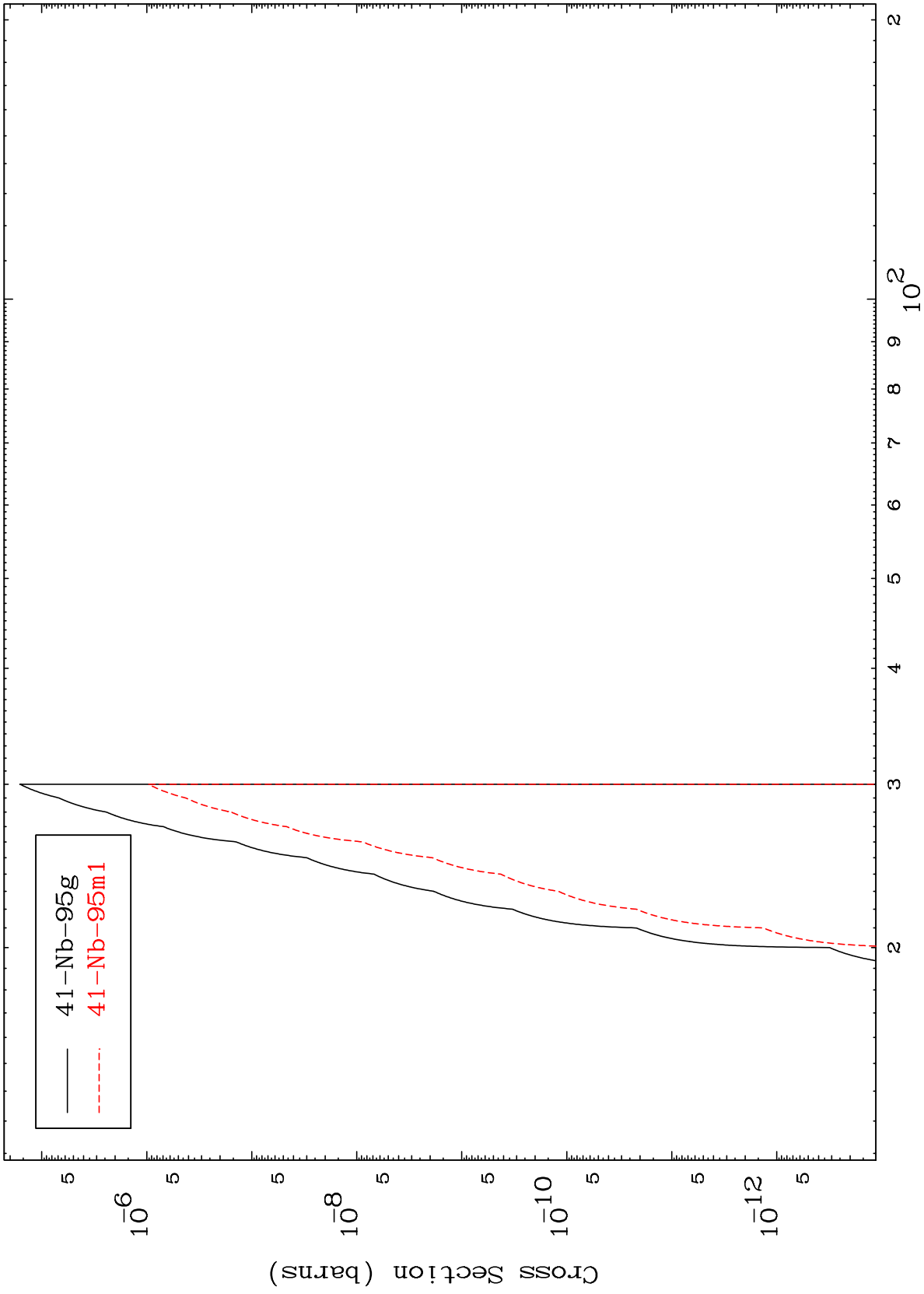
44-Ru-100

MAT 4437

(n,n') p α

44-Ru-100

Radionuclide Production Cross Section



126

Incident Energy (MeV)

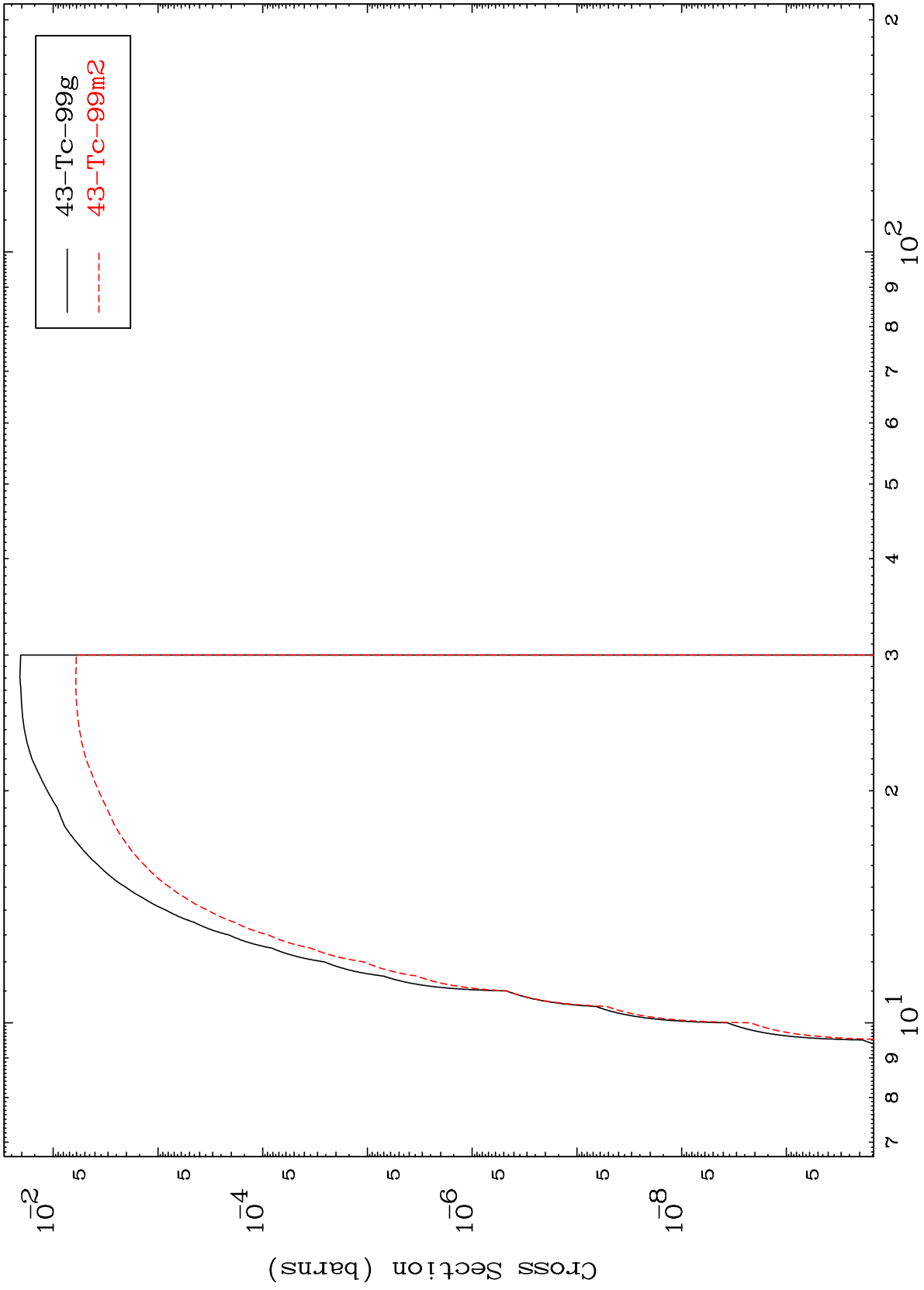
44-Ru-100

MAT 4437

(n,d)

44-Ru-100

Radionuclide Production Cross Section



127

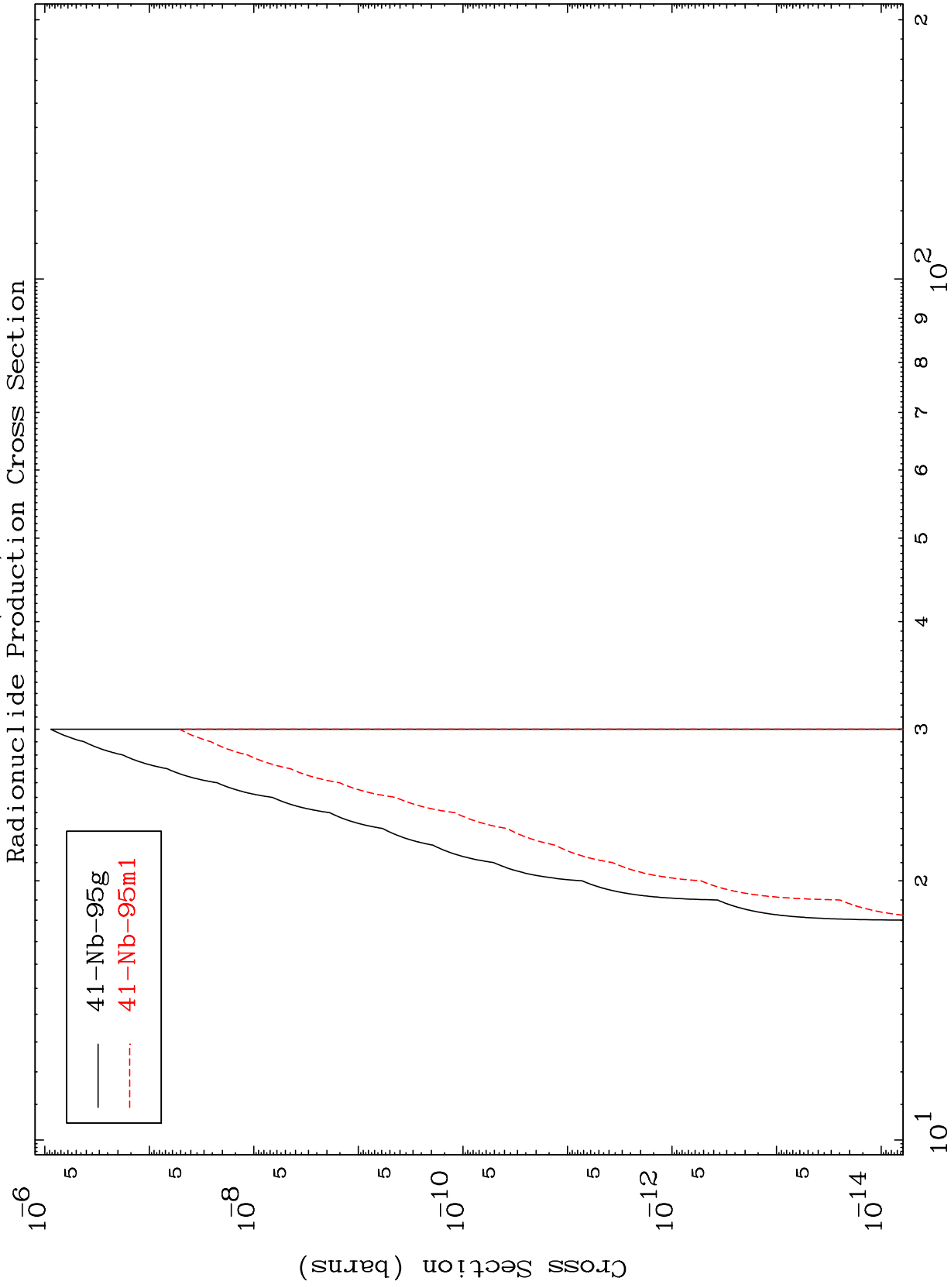
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) α

44-Ru-100



128

44-Ru-100