

Program EVALPLOT
(Version 2018-1)

by

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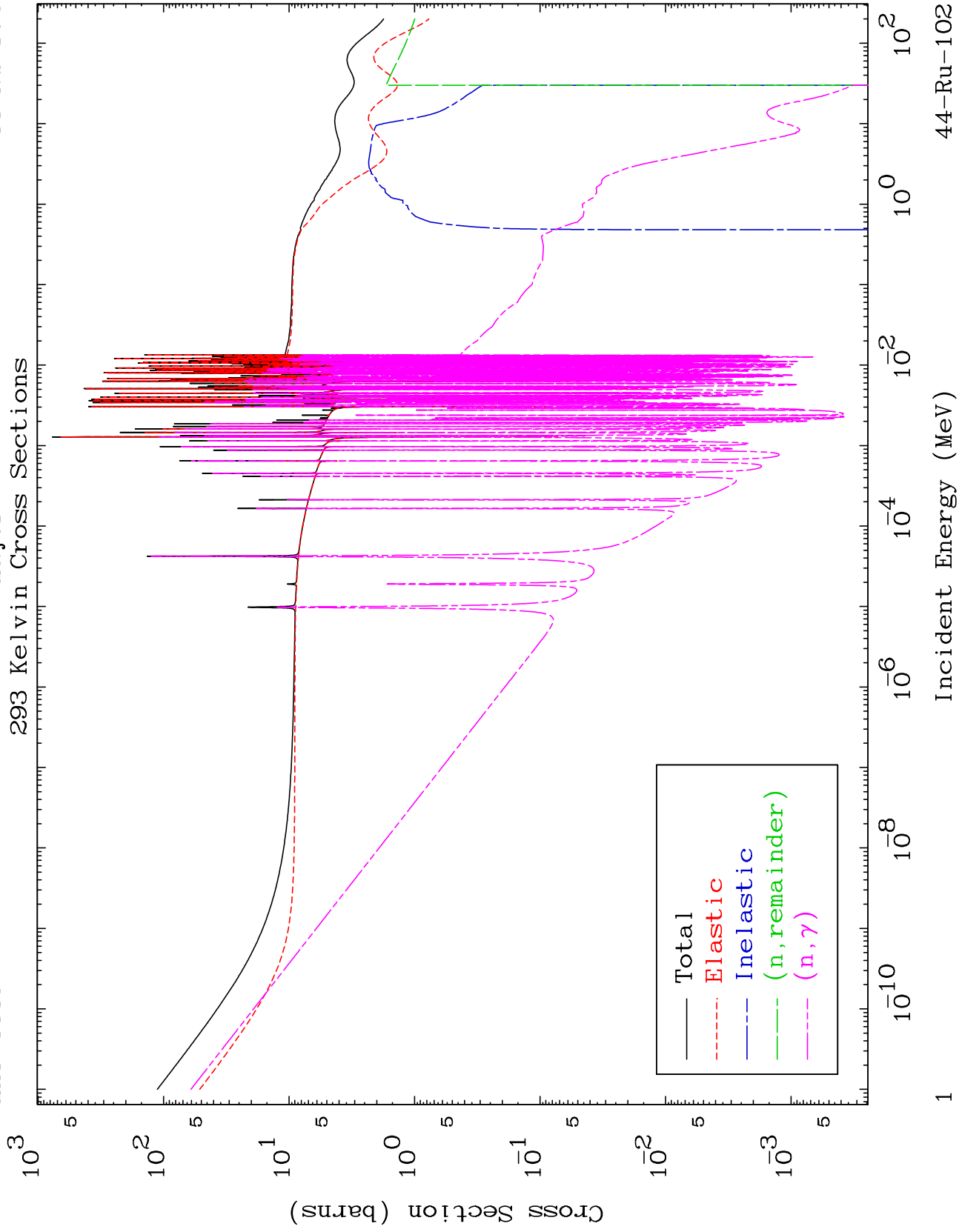
Press Mouse Button to Start

MAT 4443

Major

293 Kelvin Cross Sections

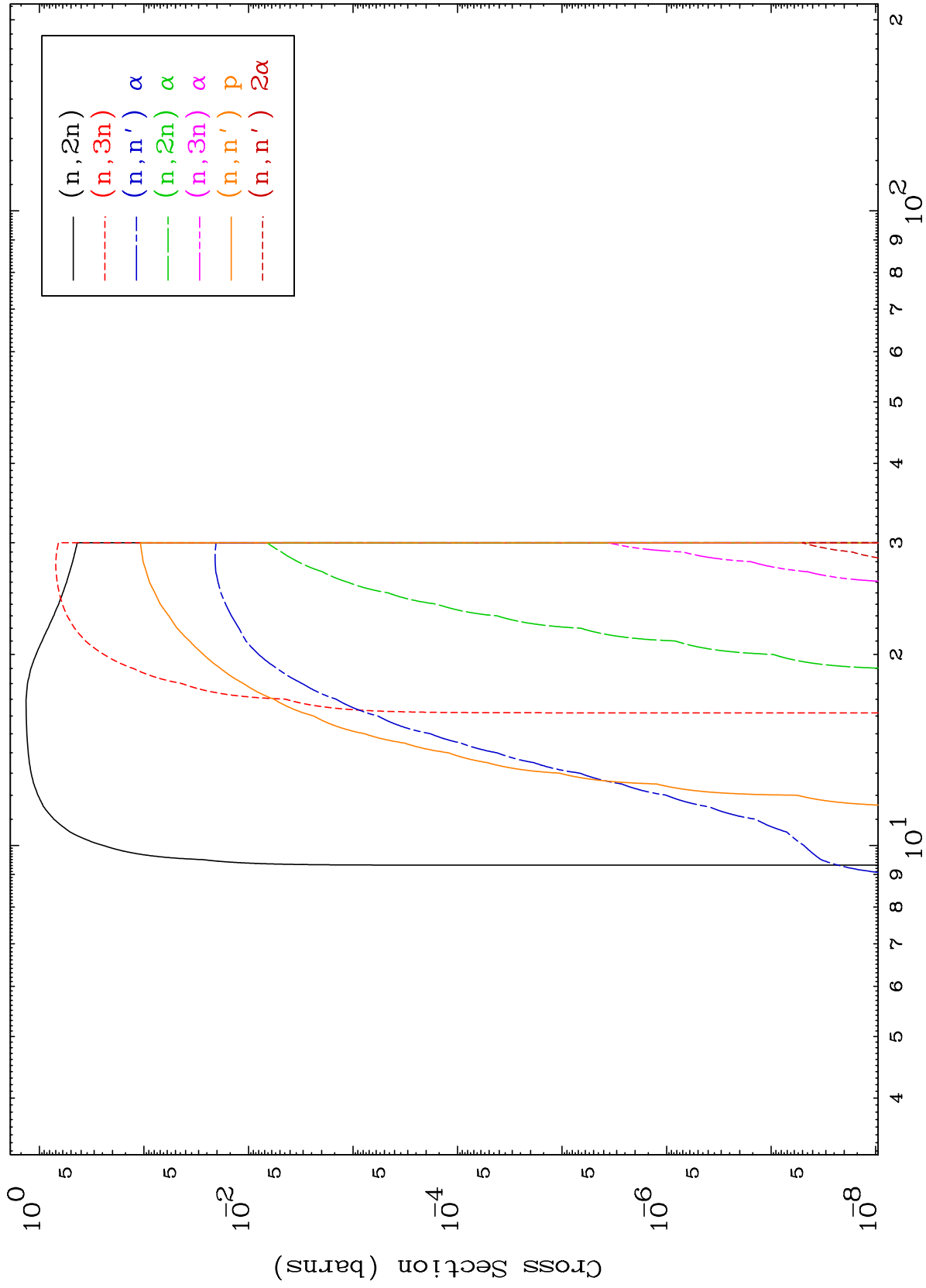
44-Ru-102



MAT 4443

Neutron Production
293 Kelvin Cross Sections

44-Ru-102



2

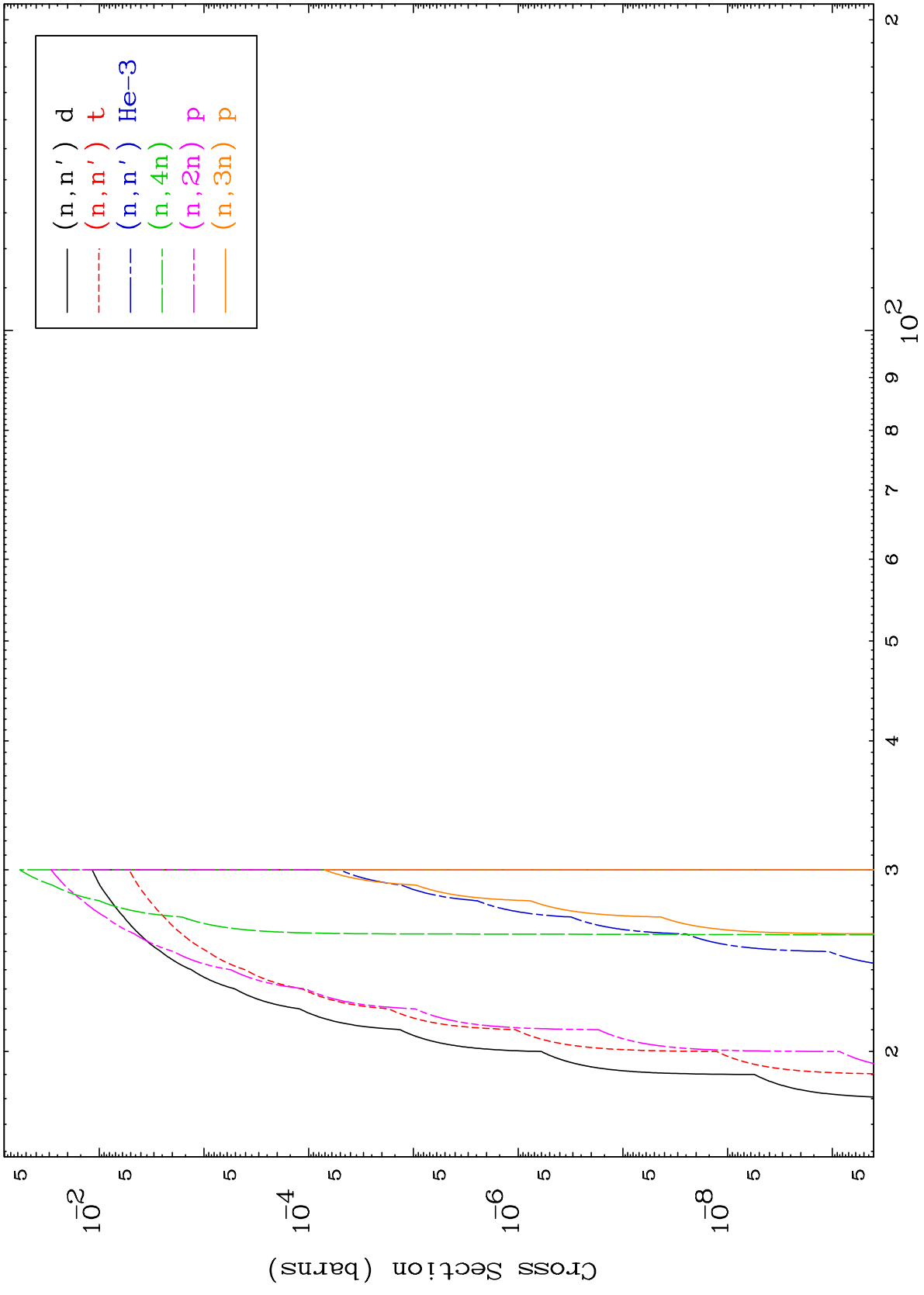
Incident Energy (MeV)

44-Ru-102

MAT 4443

Neutron Production
293 Kelvin Cross Sections

44-Ru-102



3

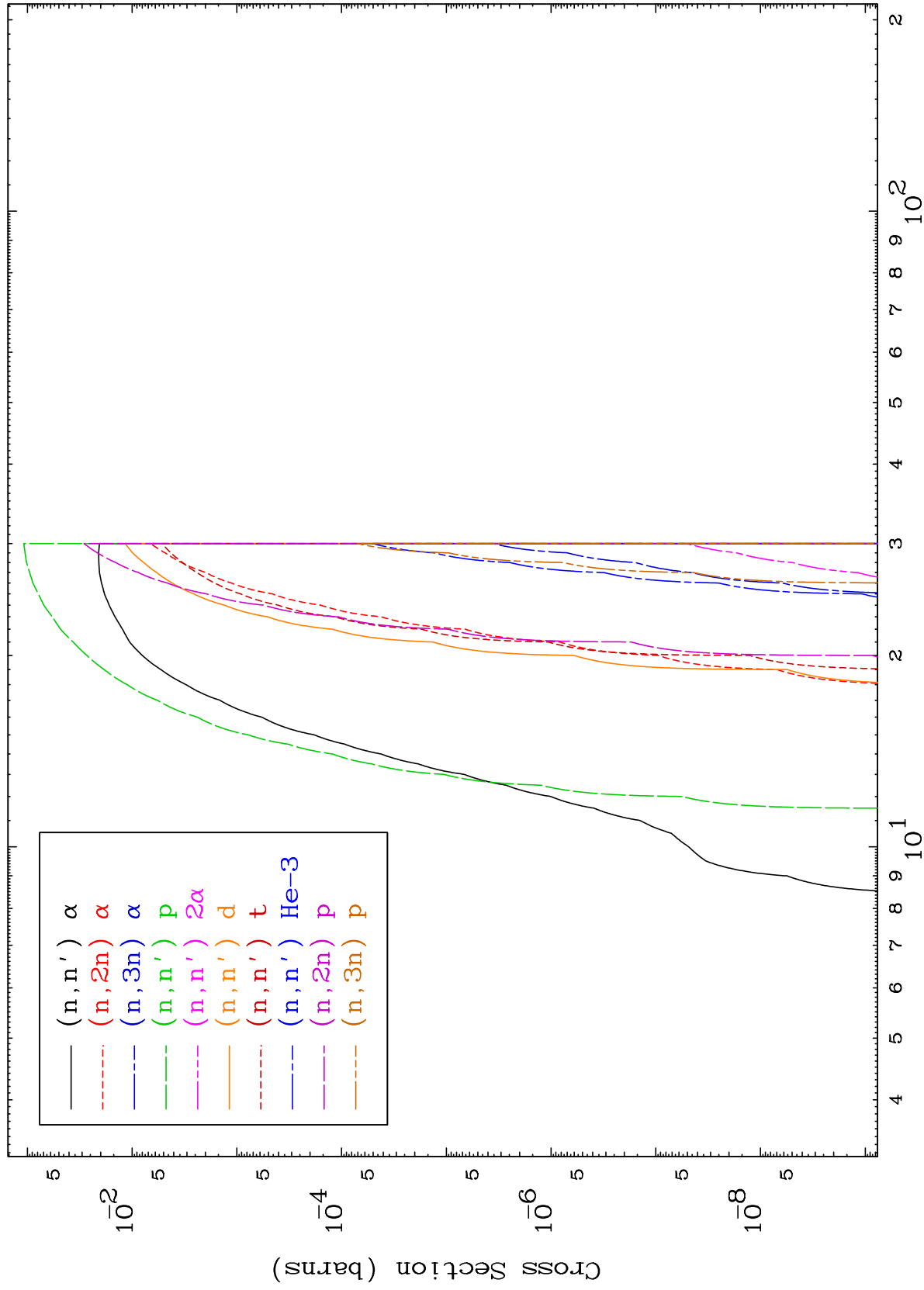
Incident Energy (MeV)

44-Ru-102

MAT 4443

Charged Particle
293 Kelvin Cross Sections

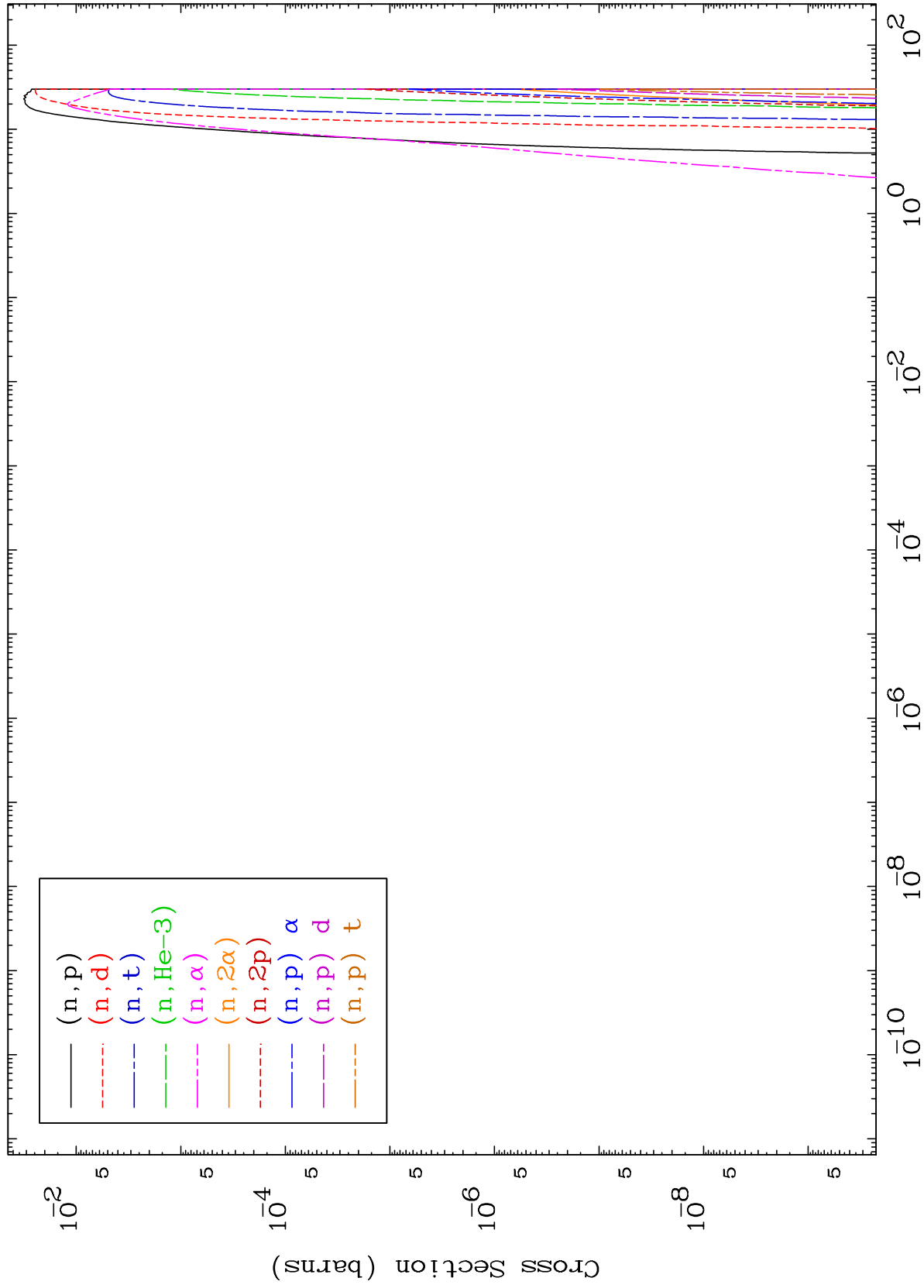
44-Ru-102



MAT 4443

Charged Particle
293 Kelvin Cross Sections

44-Ru-102



5

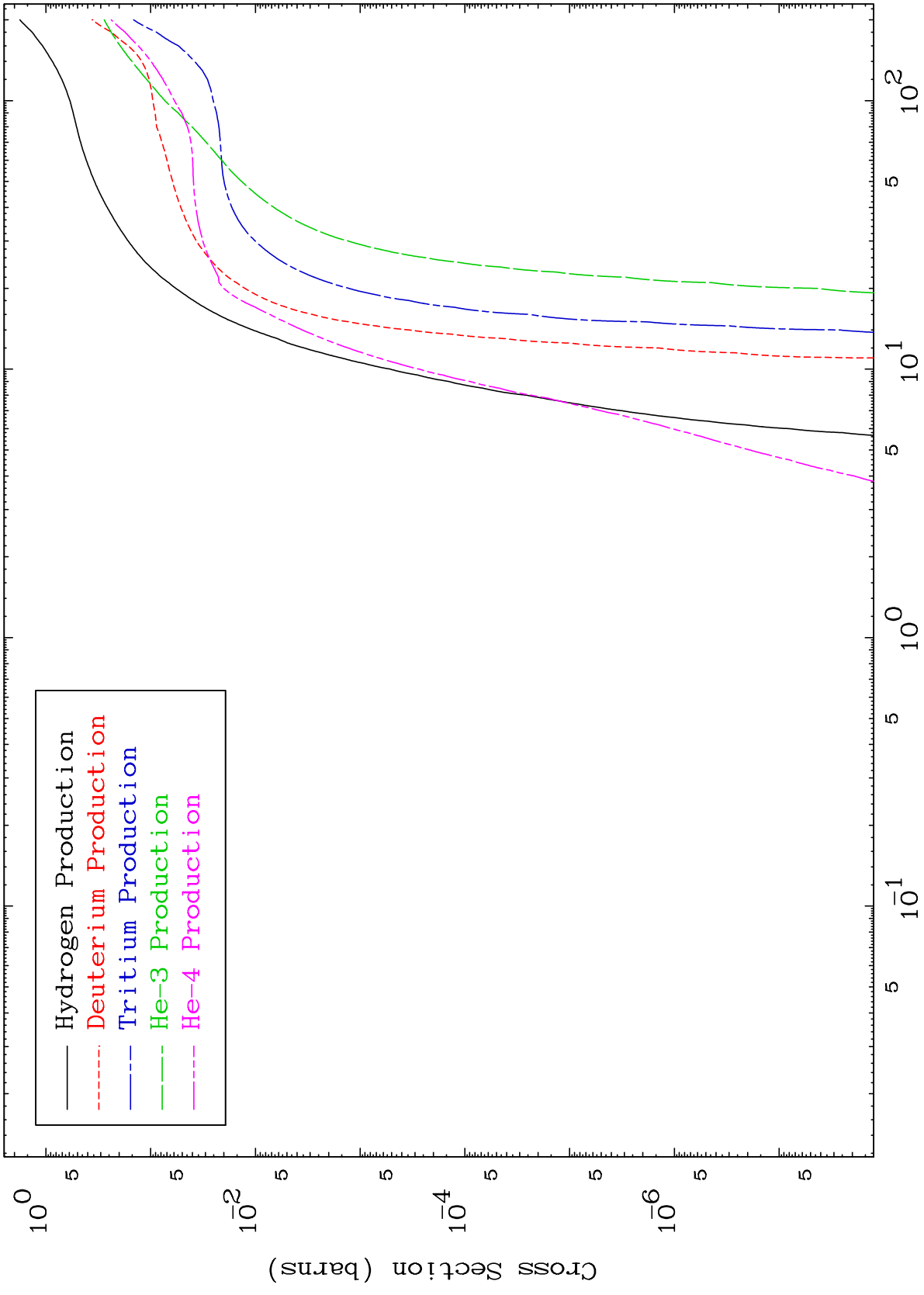
Incident Energy (MeV)

44-Ru-102

MAT 4443

Particle Production
293 Kelvin Cross Sections

44-Ru-102



6

Incident Energy (MeV)

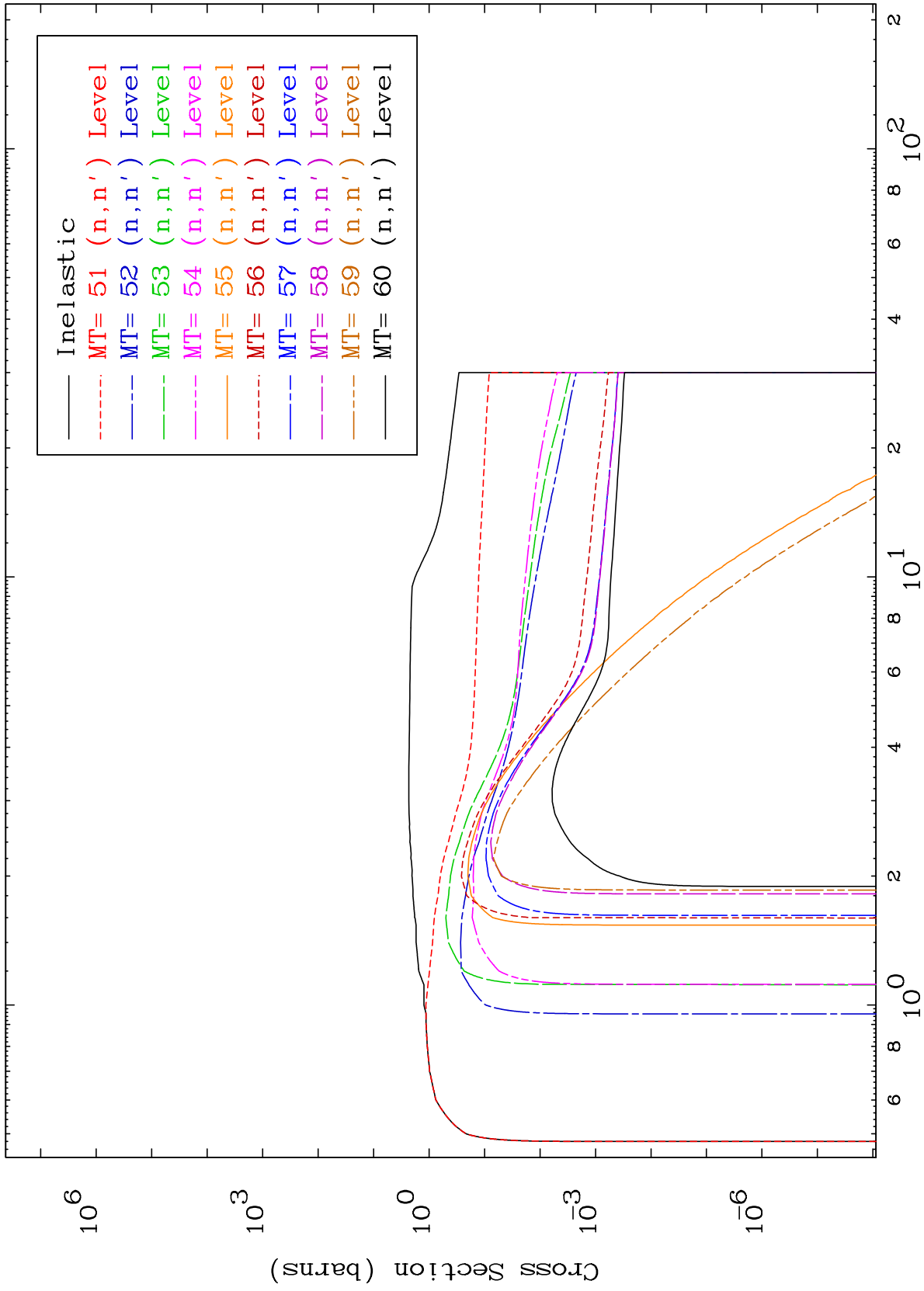
44-Ru-102

MAT 4443

(n,n') Level

44-Ru-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

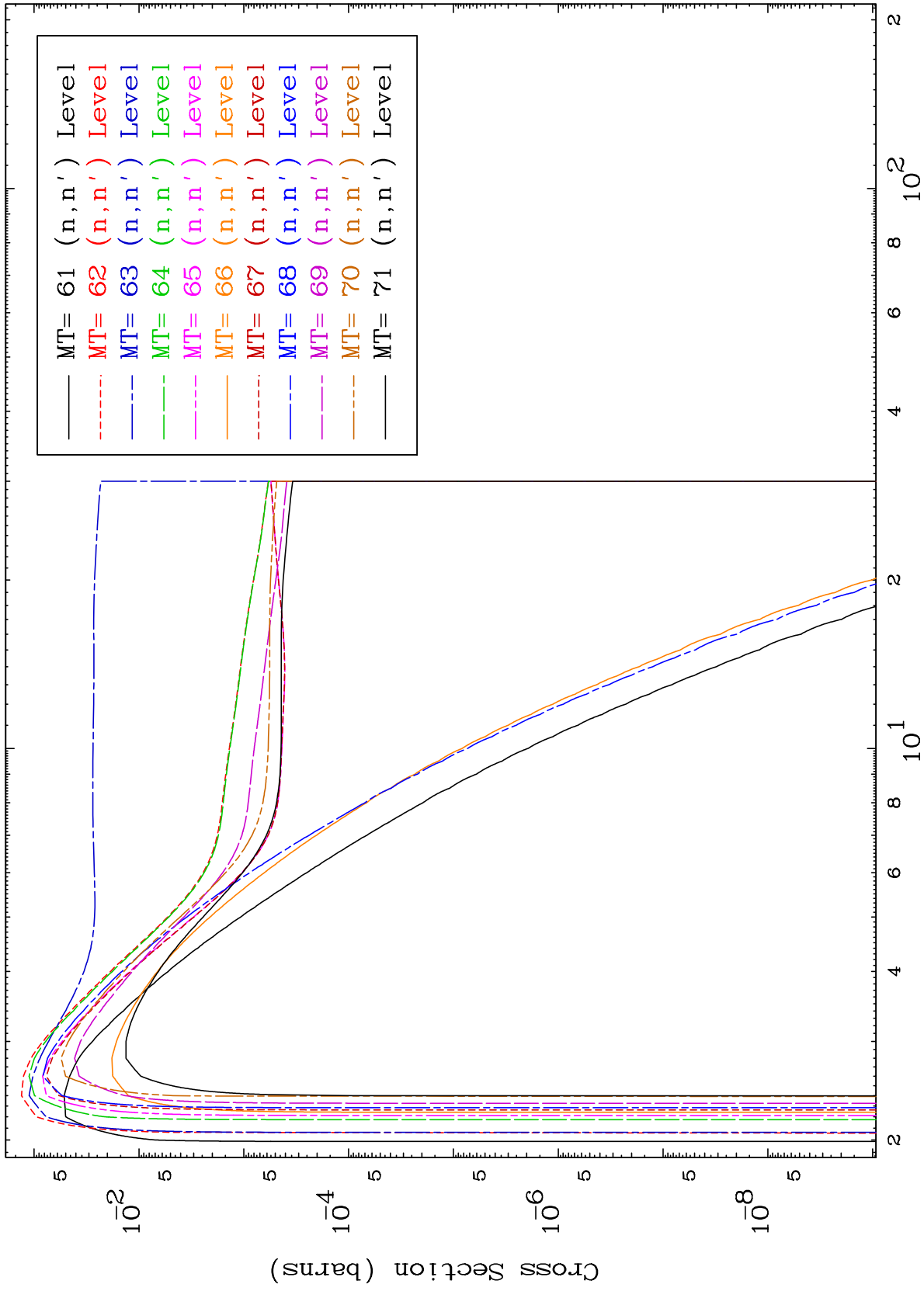
44-Ru-102

MAT 4443

(n,n') Level

44-Ru-102

293 Kelvin Cross Sections



8

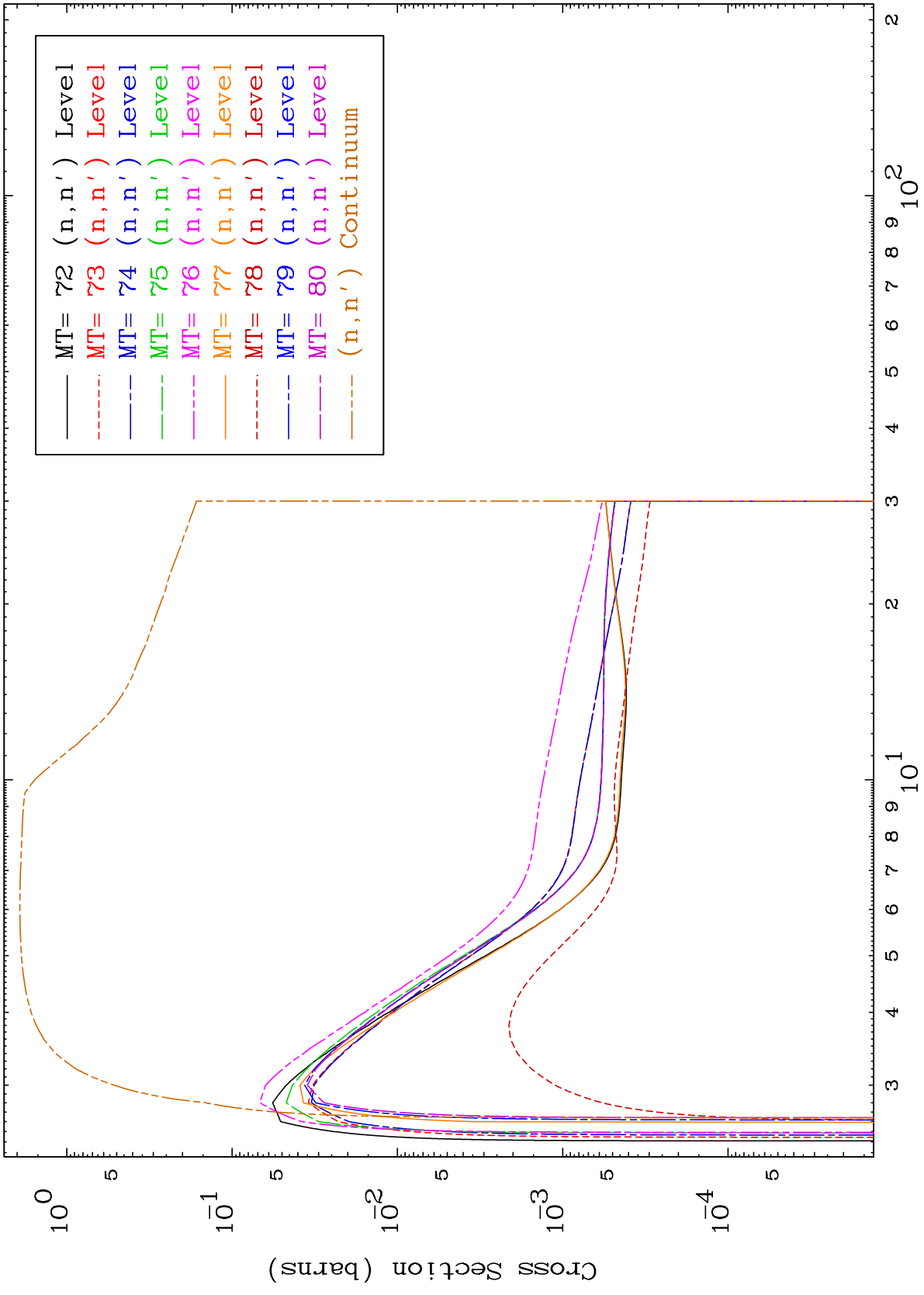
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,n') Level
293 Kelvin Cross Sections

44-Ru-102



9

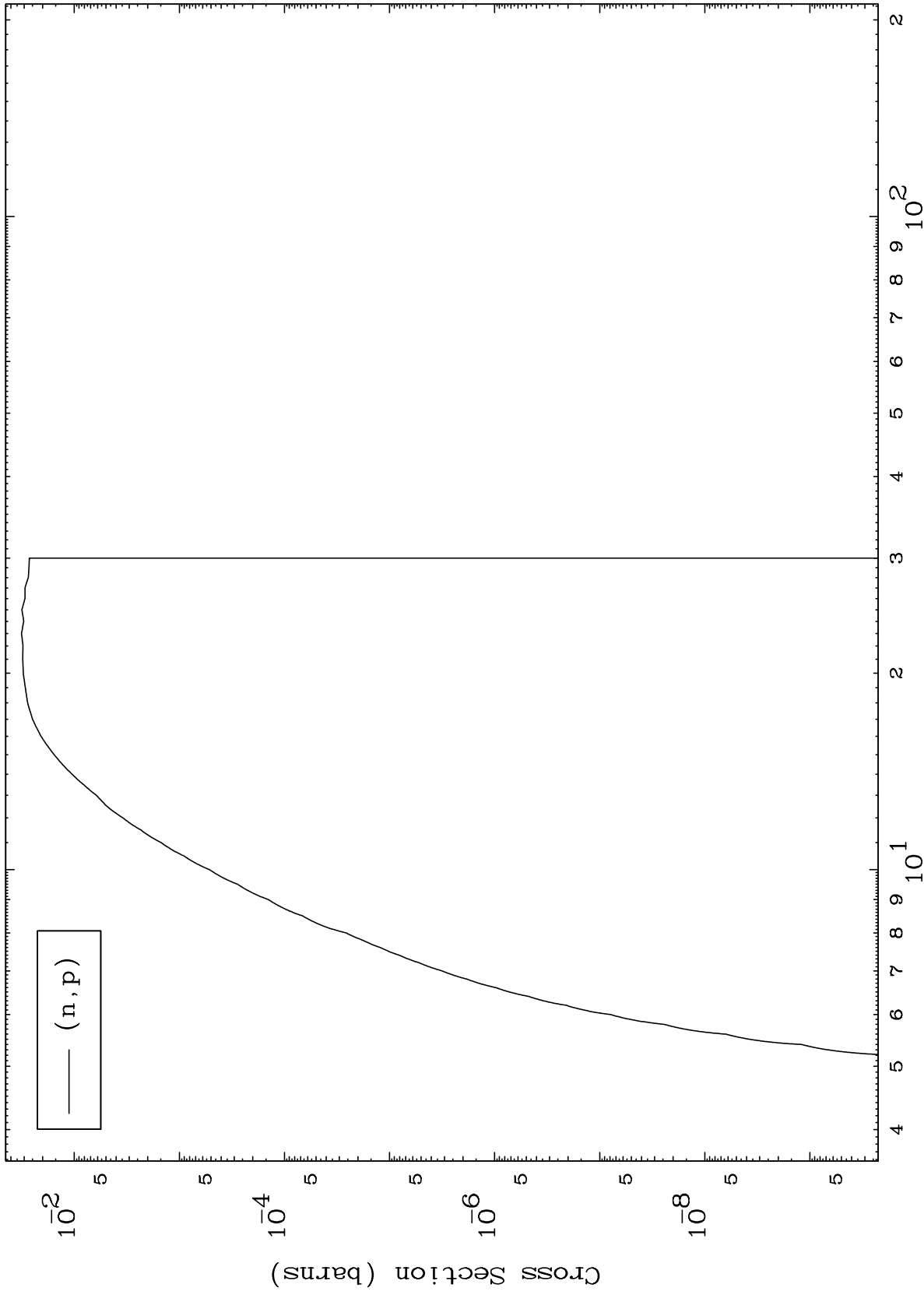
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-102



10

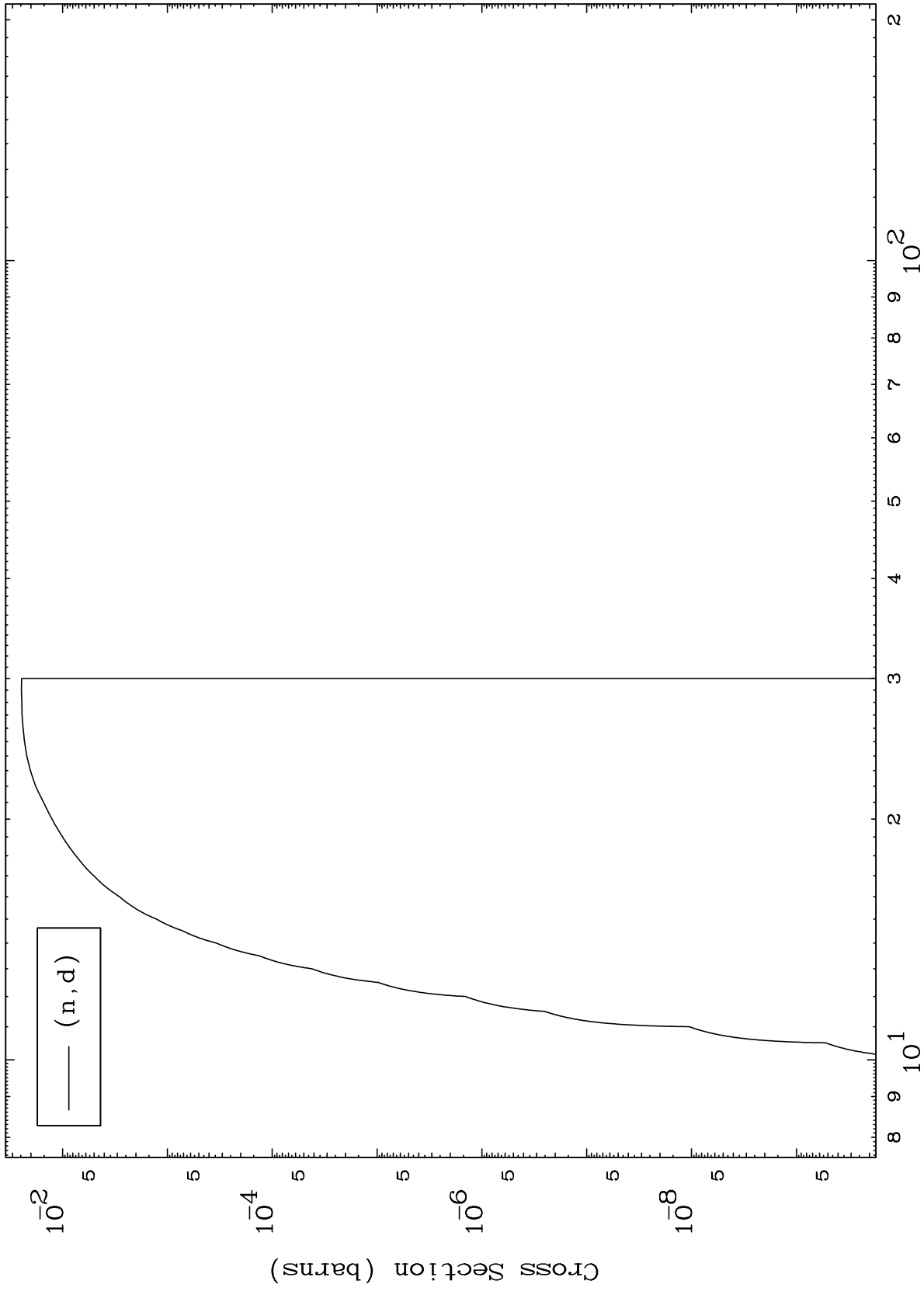
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-102



11

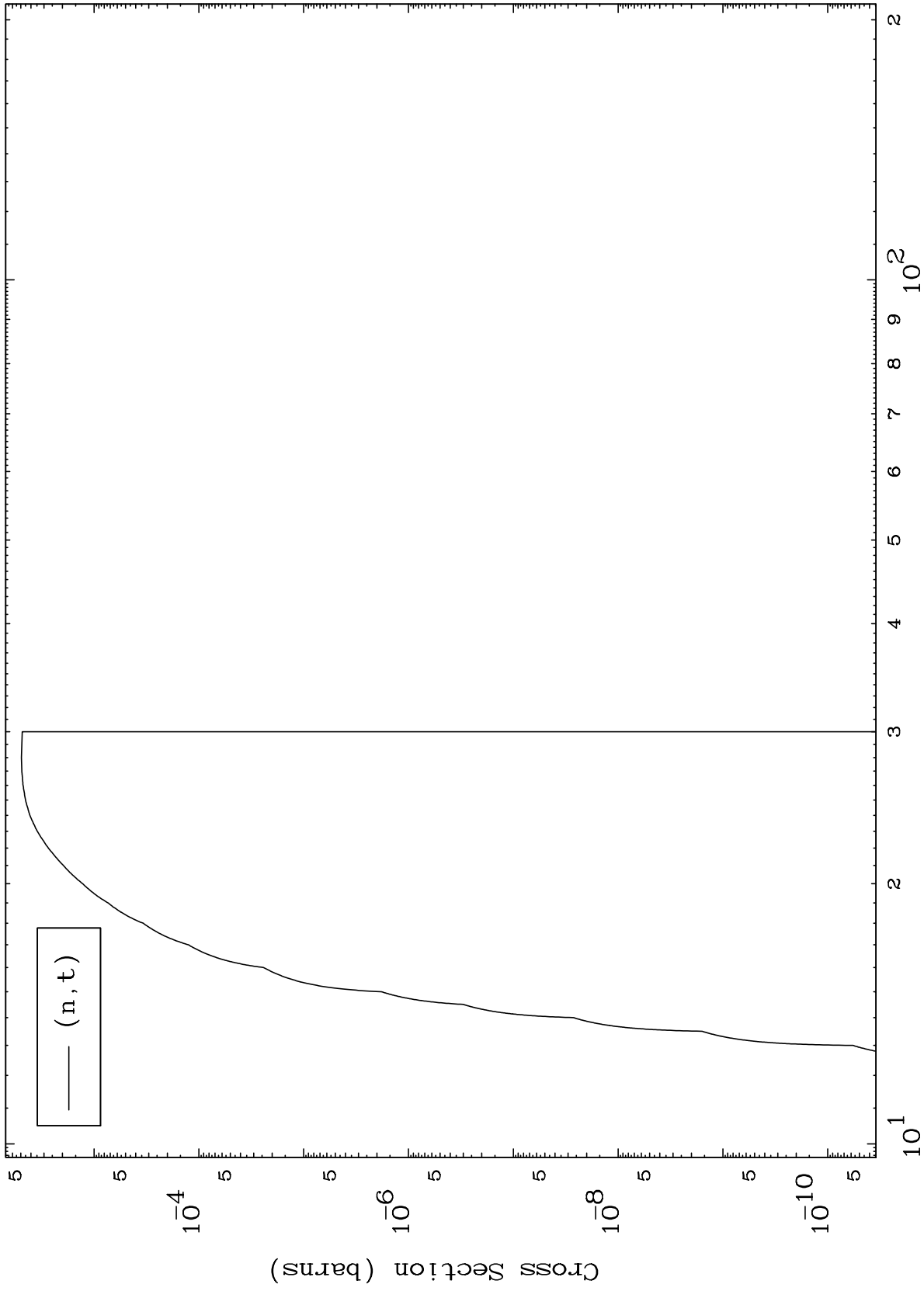
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44-Ru-102

MAT 4443

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-102



12

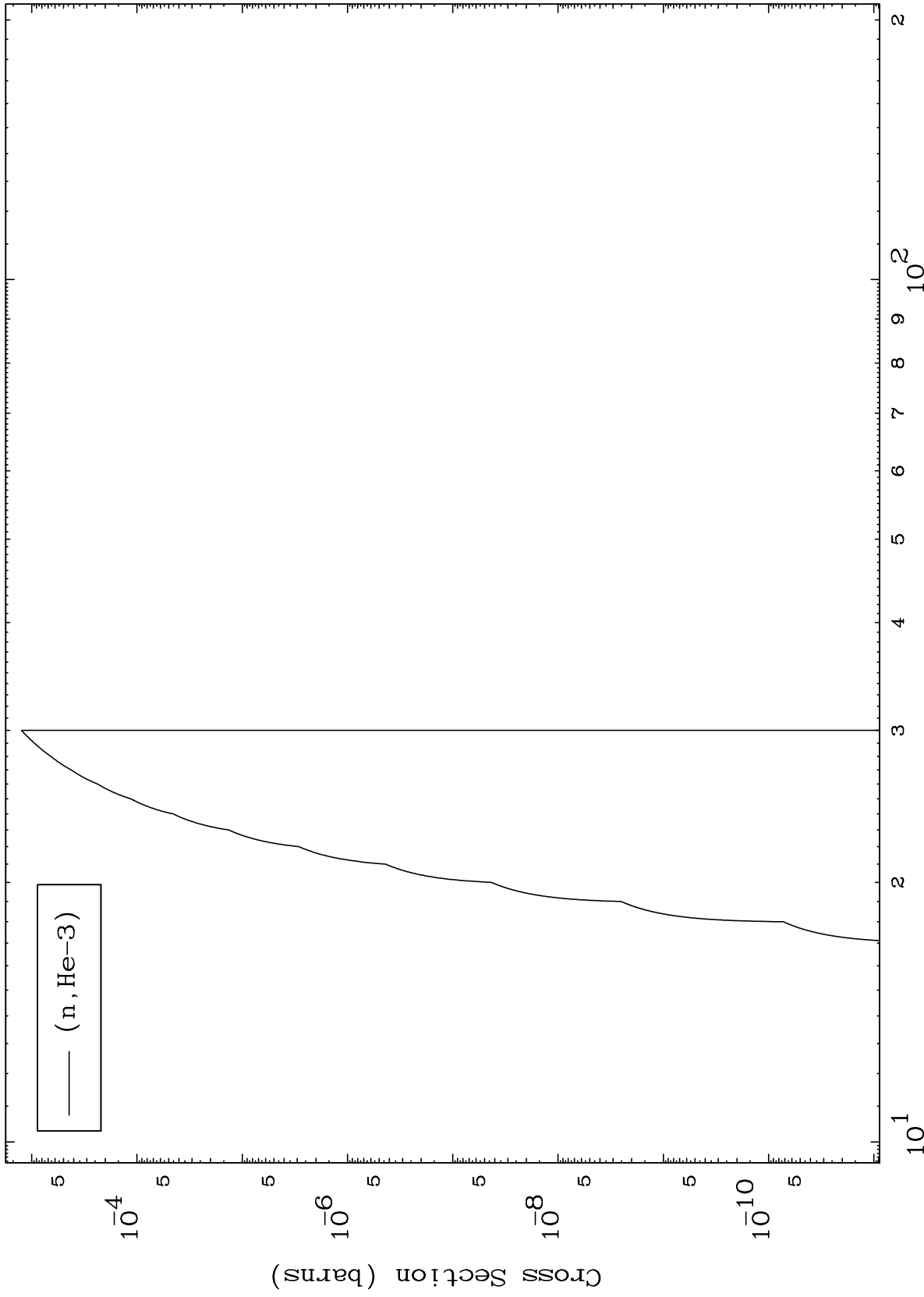
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-102



13

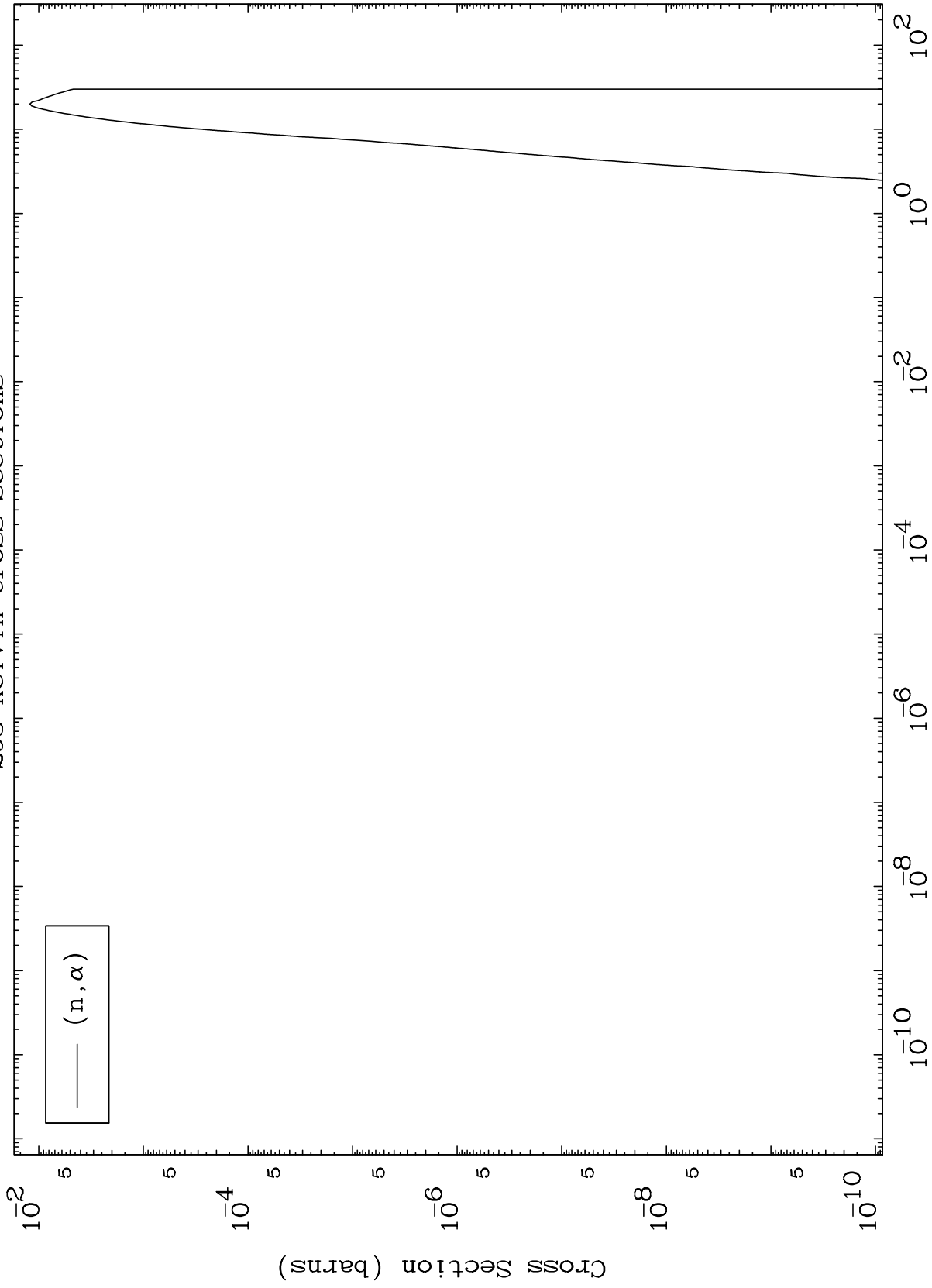
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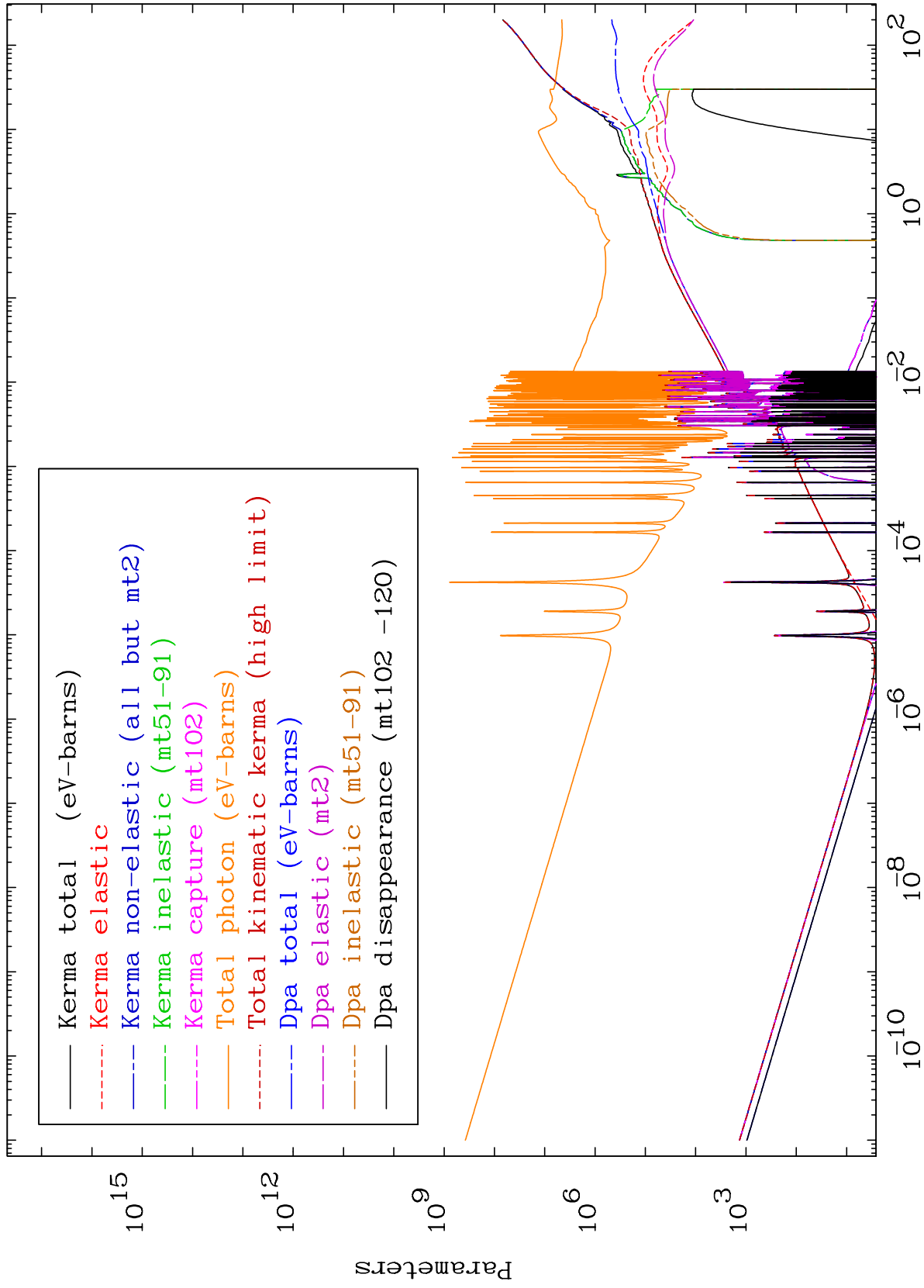
44-Ru-102

MAT 4443

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-102

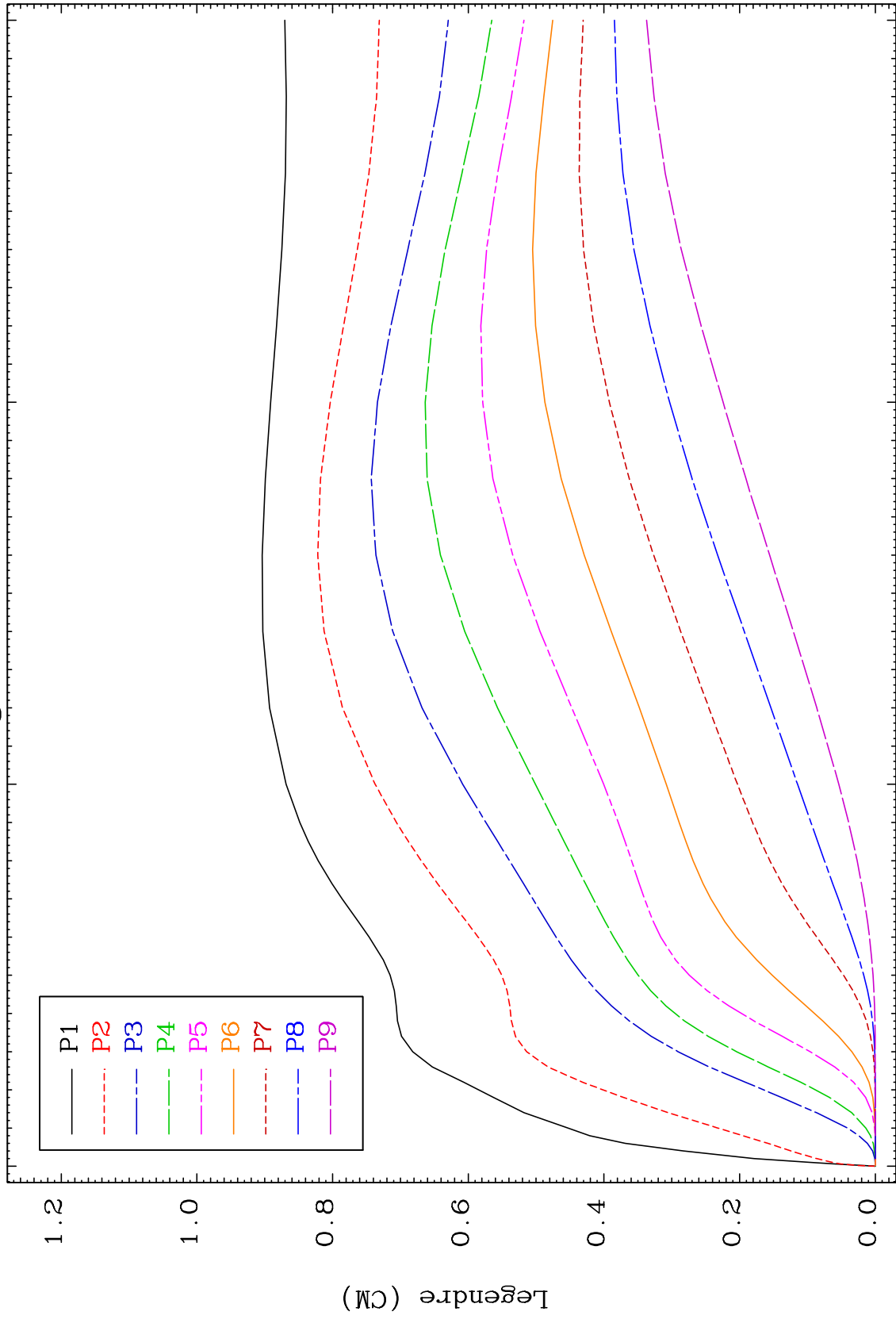




MAT 4443

Elastic Legendre Coefficients

44-Ru-102



16

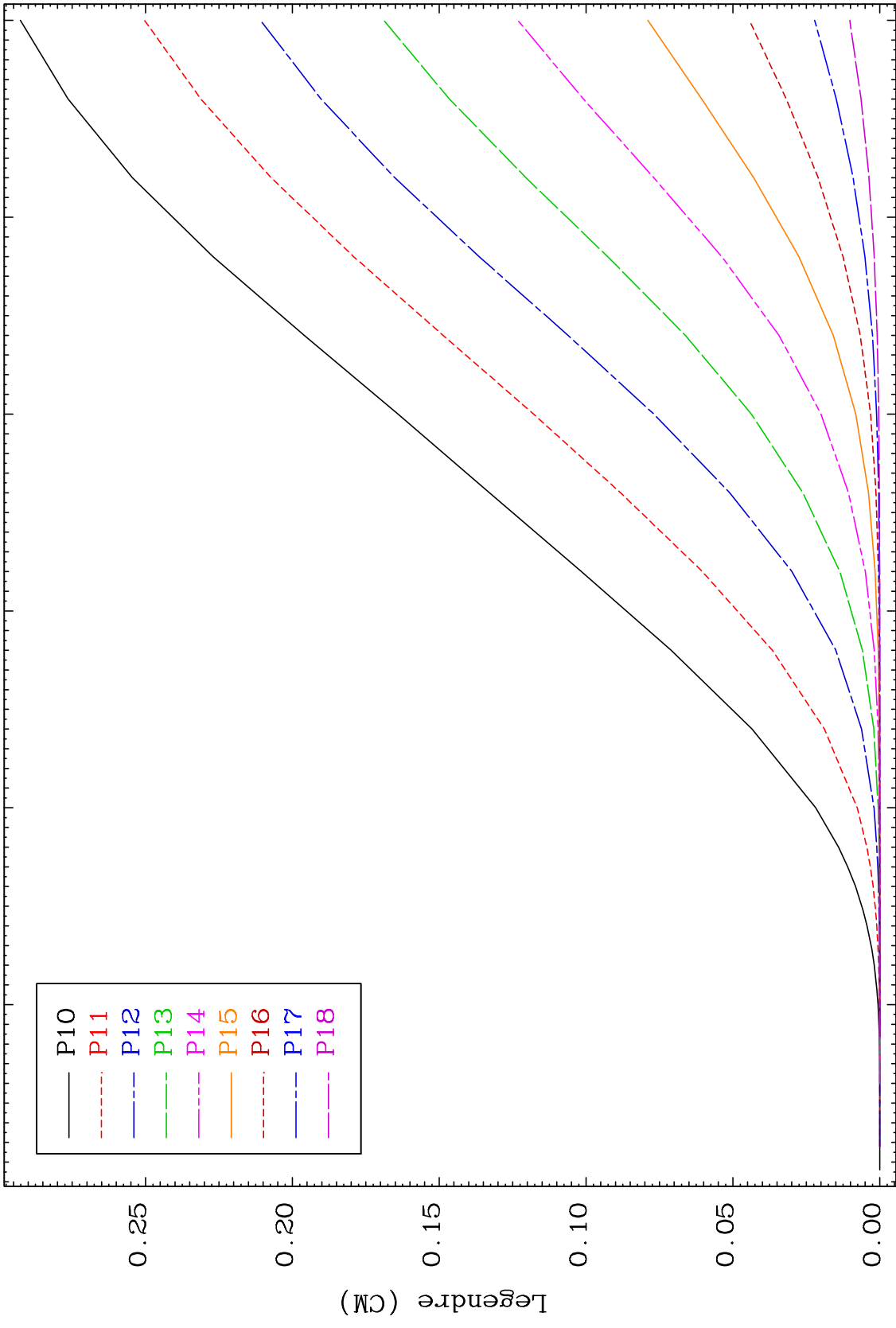
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



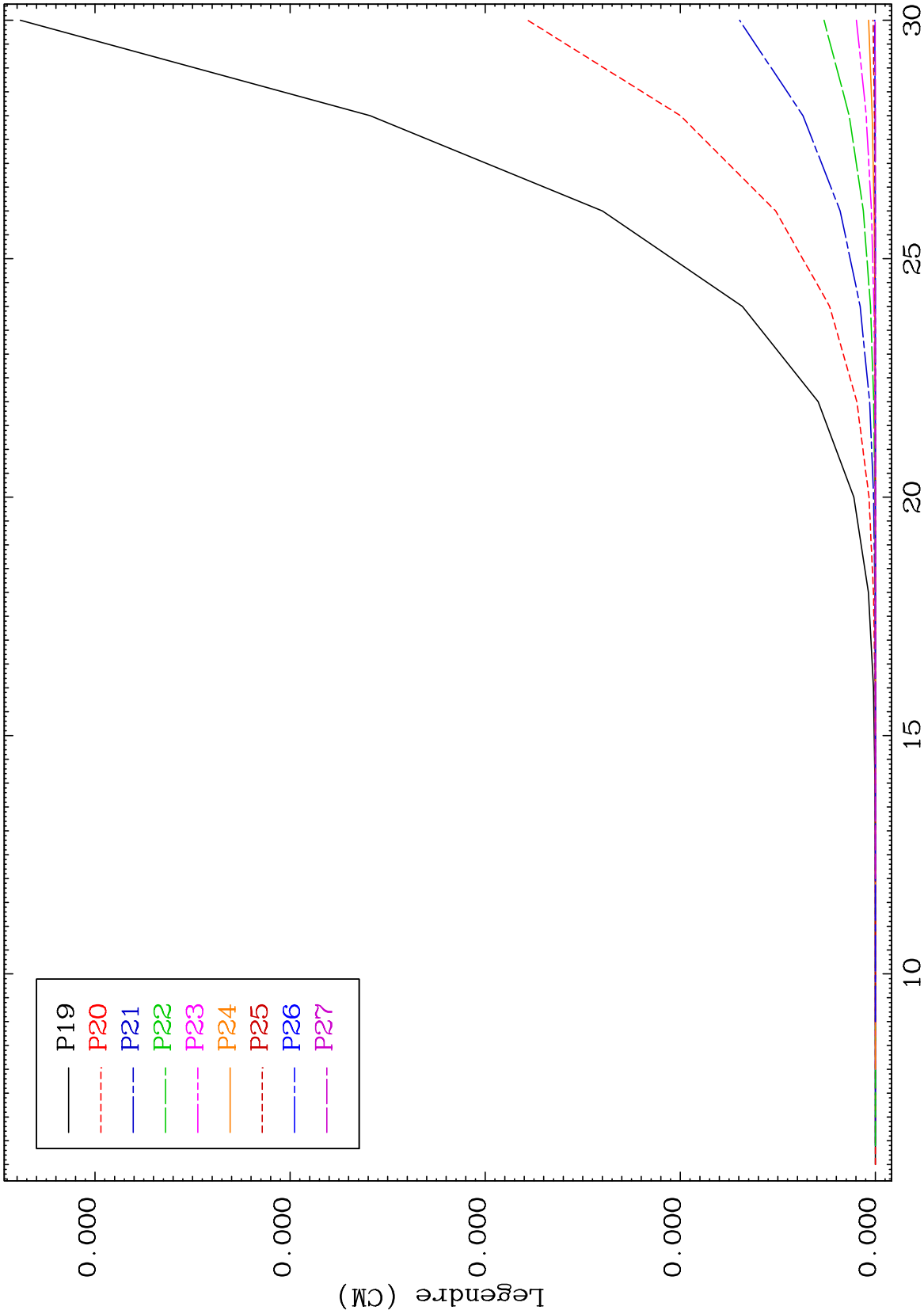
17

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



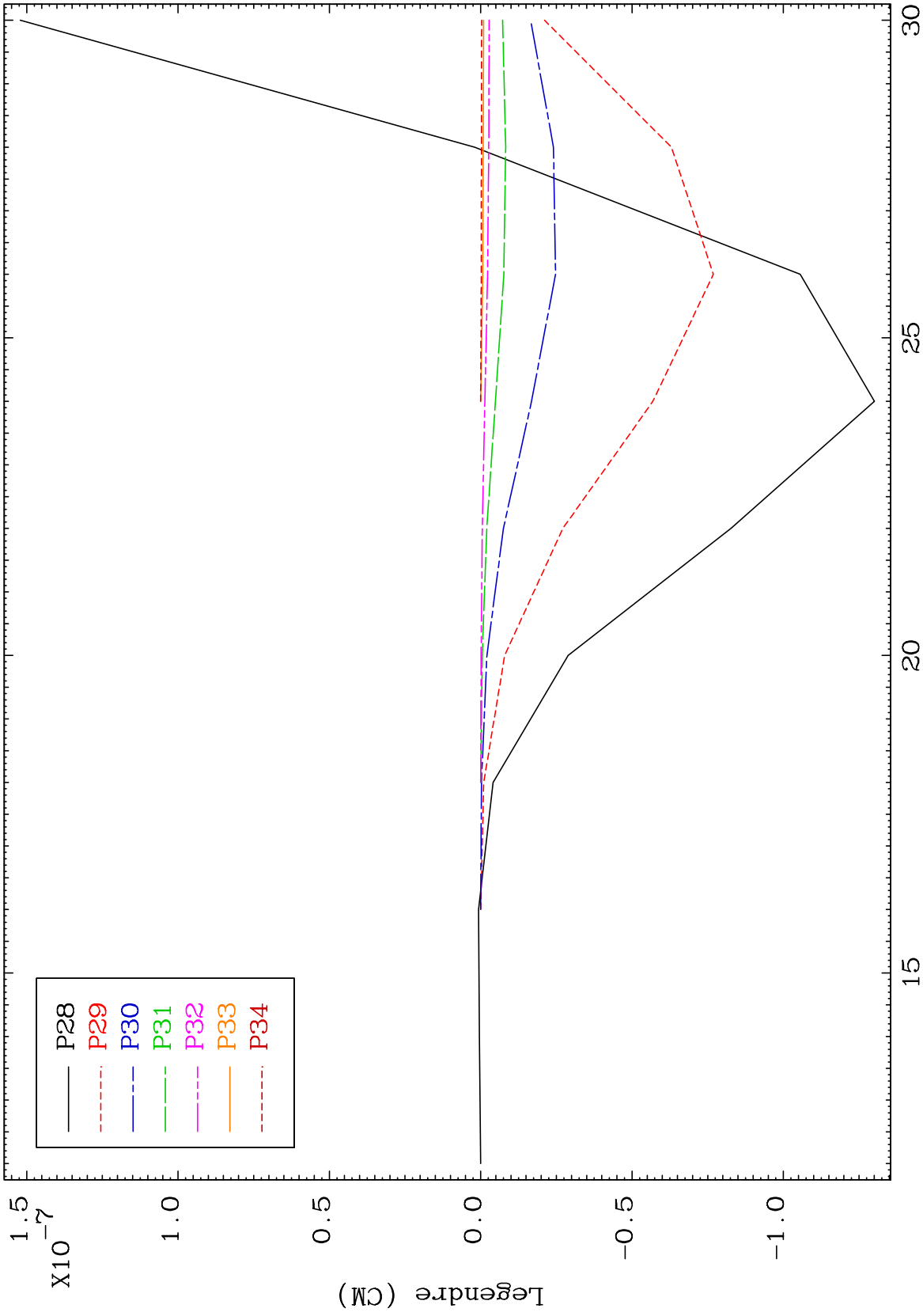
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44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



19

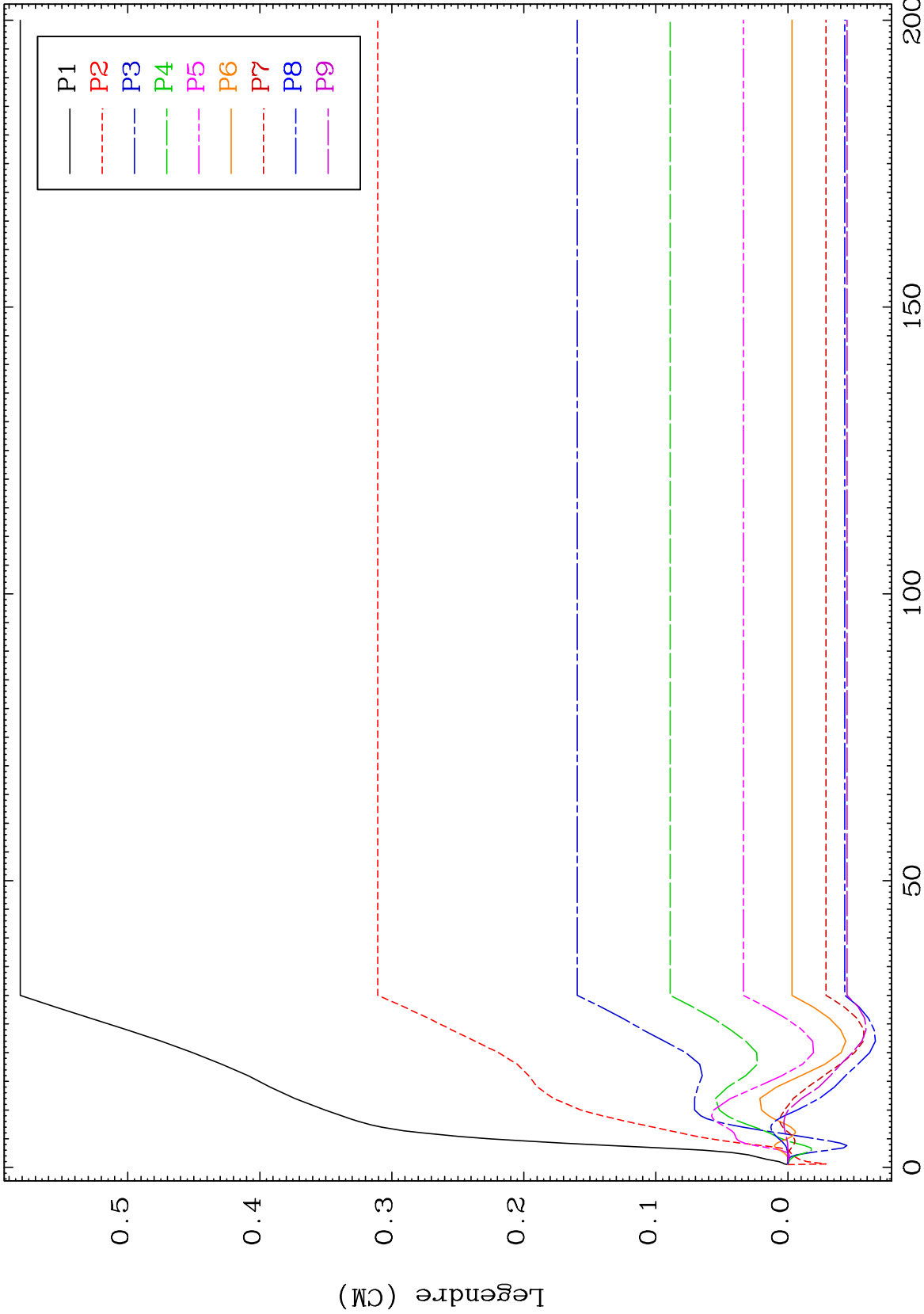
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

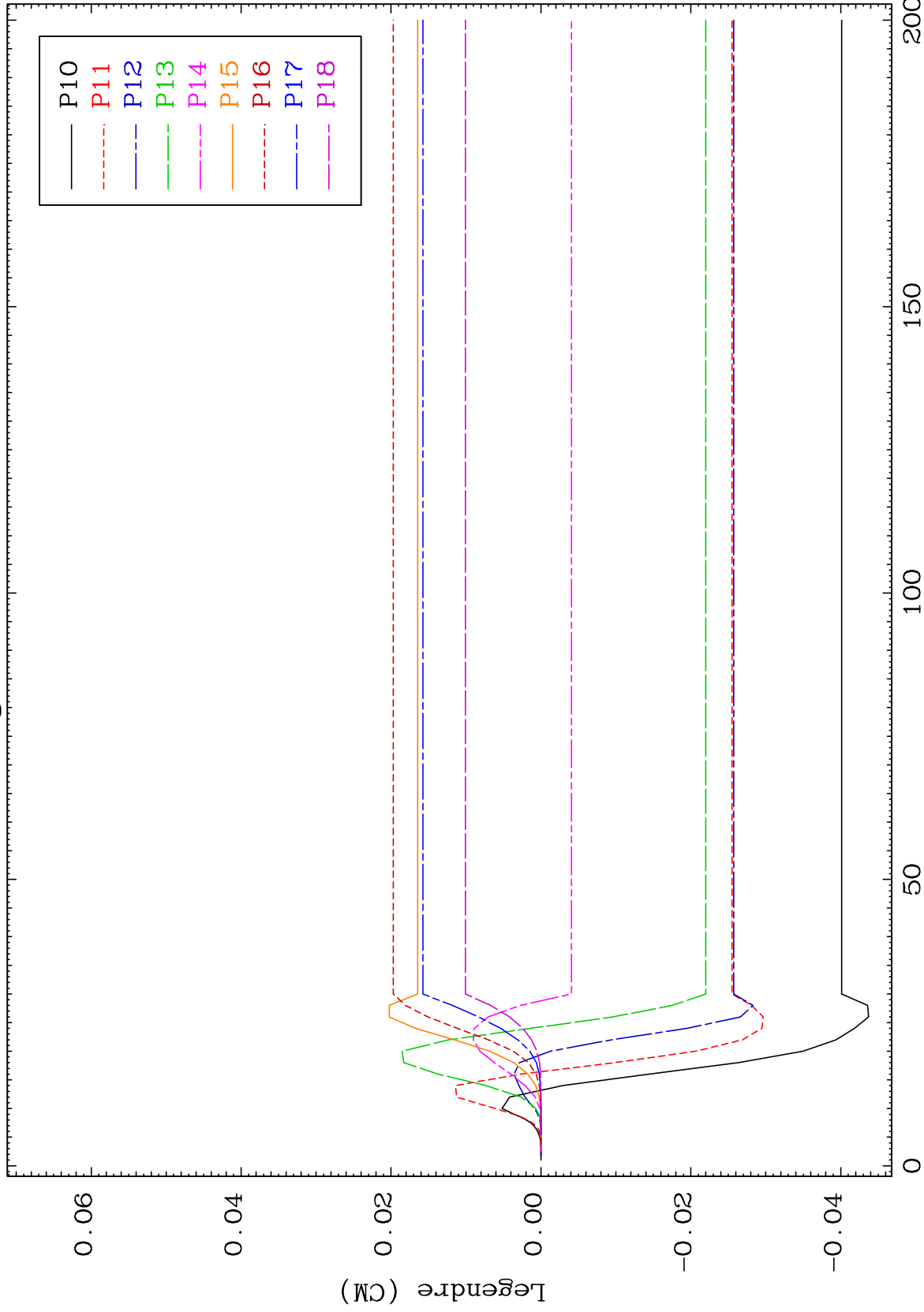
Incident Energy (MeV)

20

MAT 4443

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

44-Ru-102



21

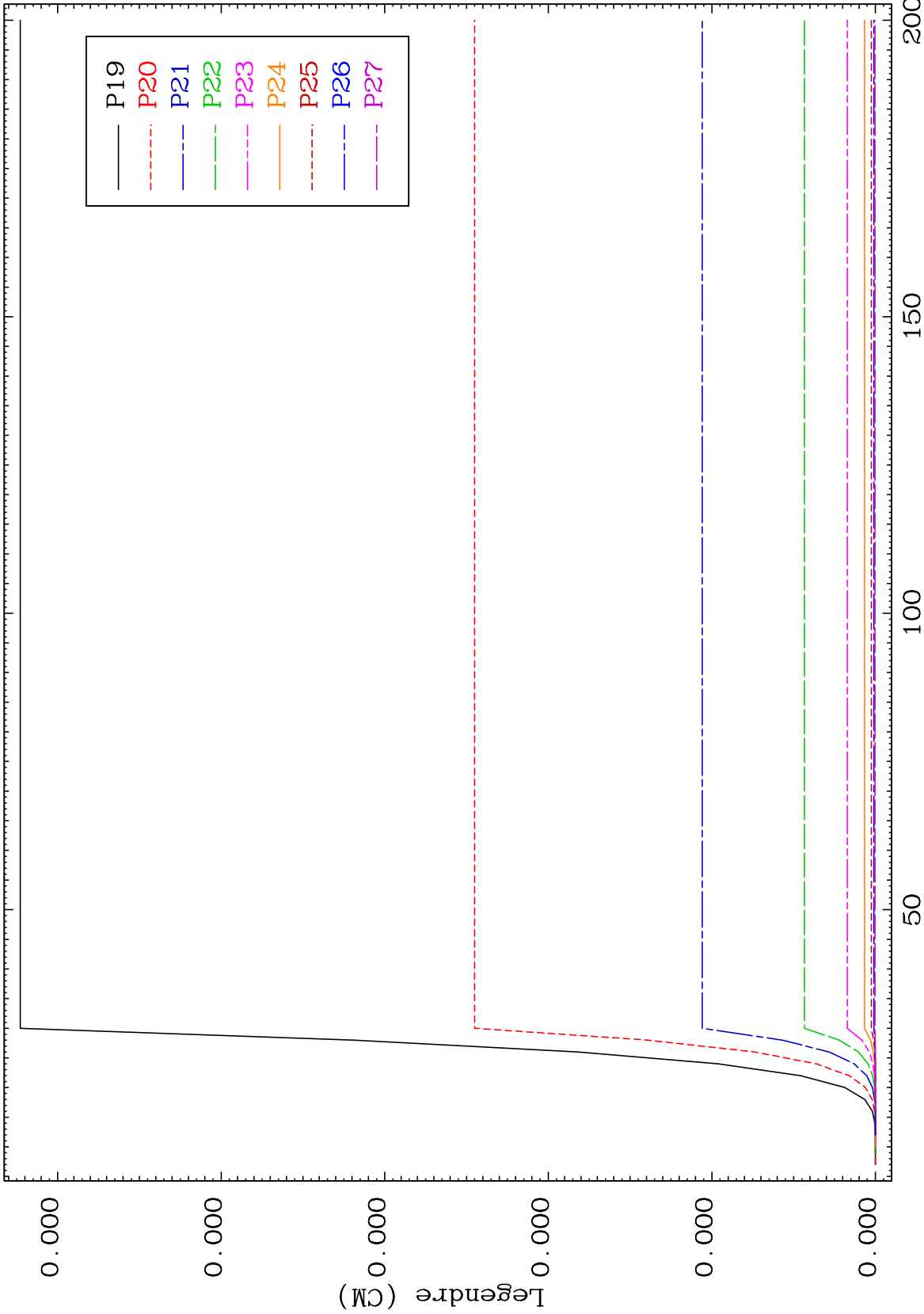
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



22

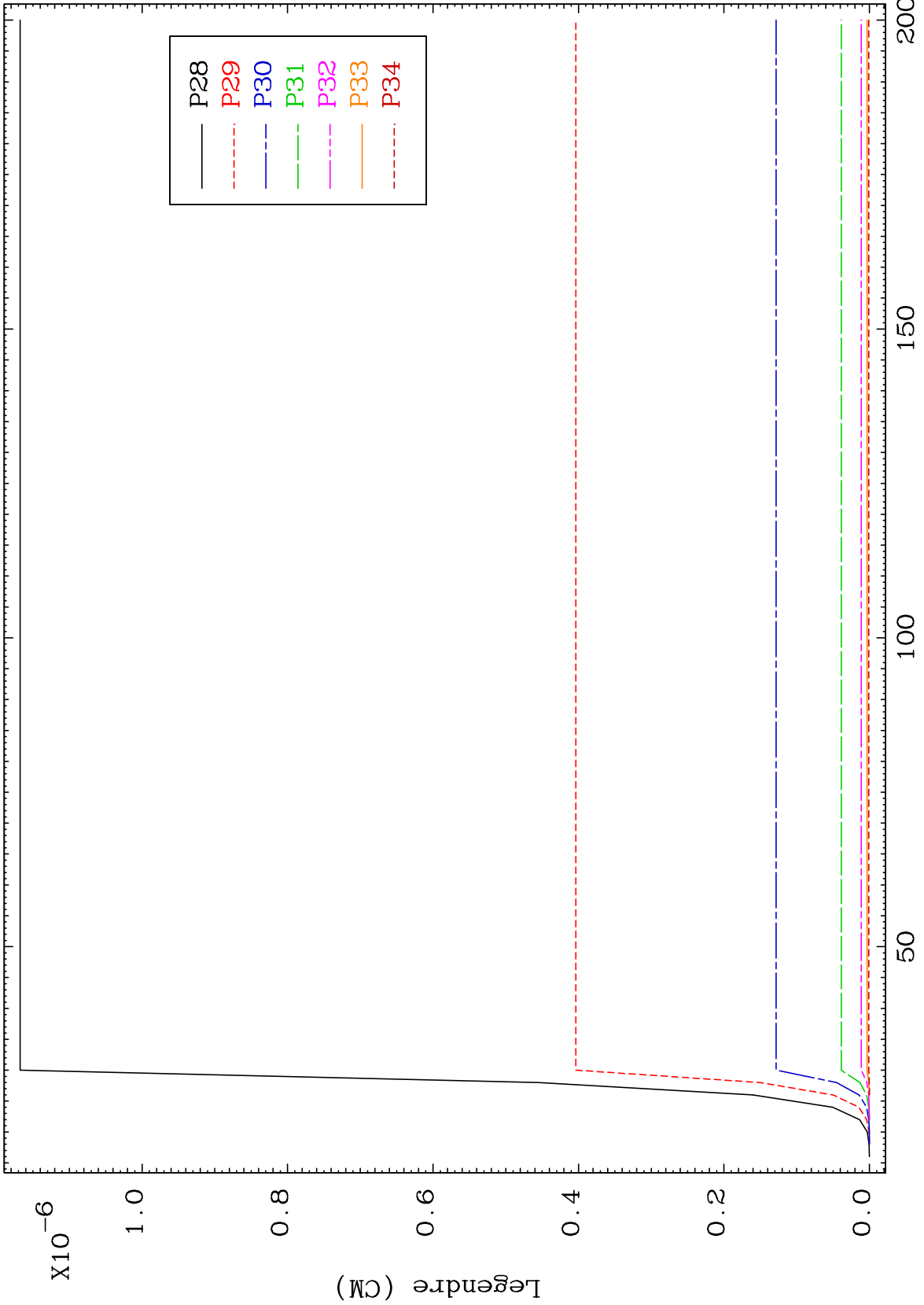
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



23

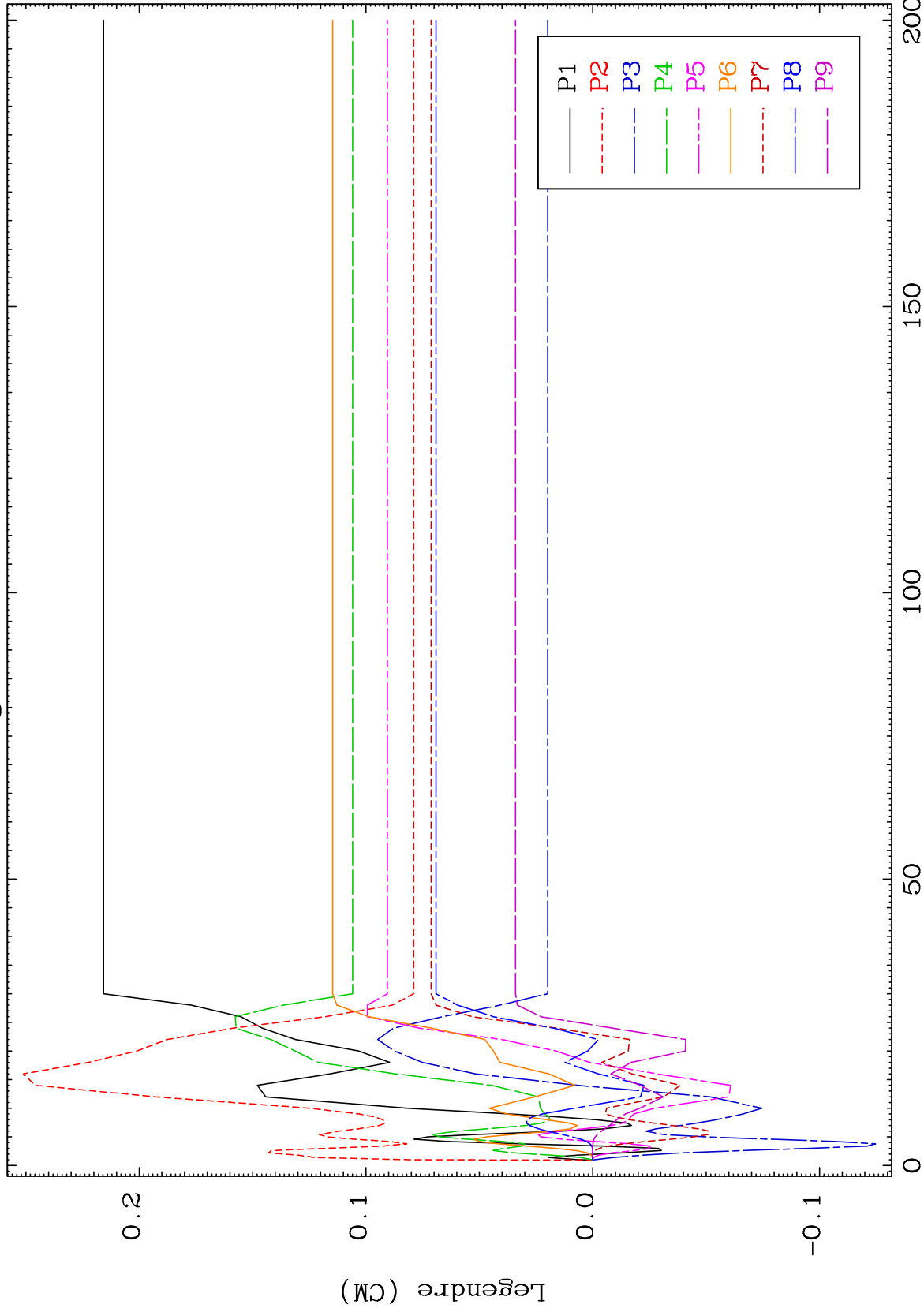
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



24

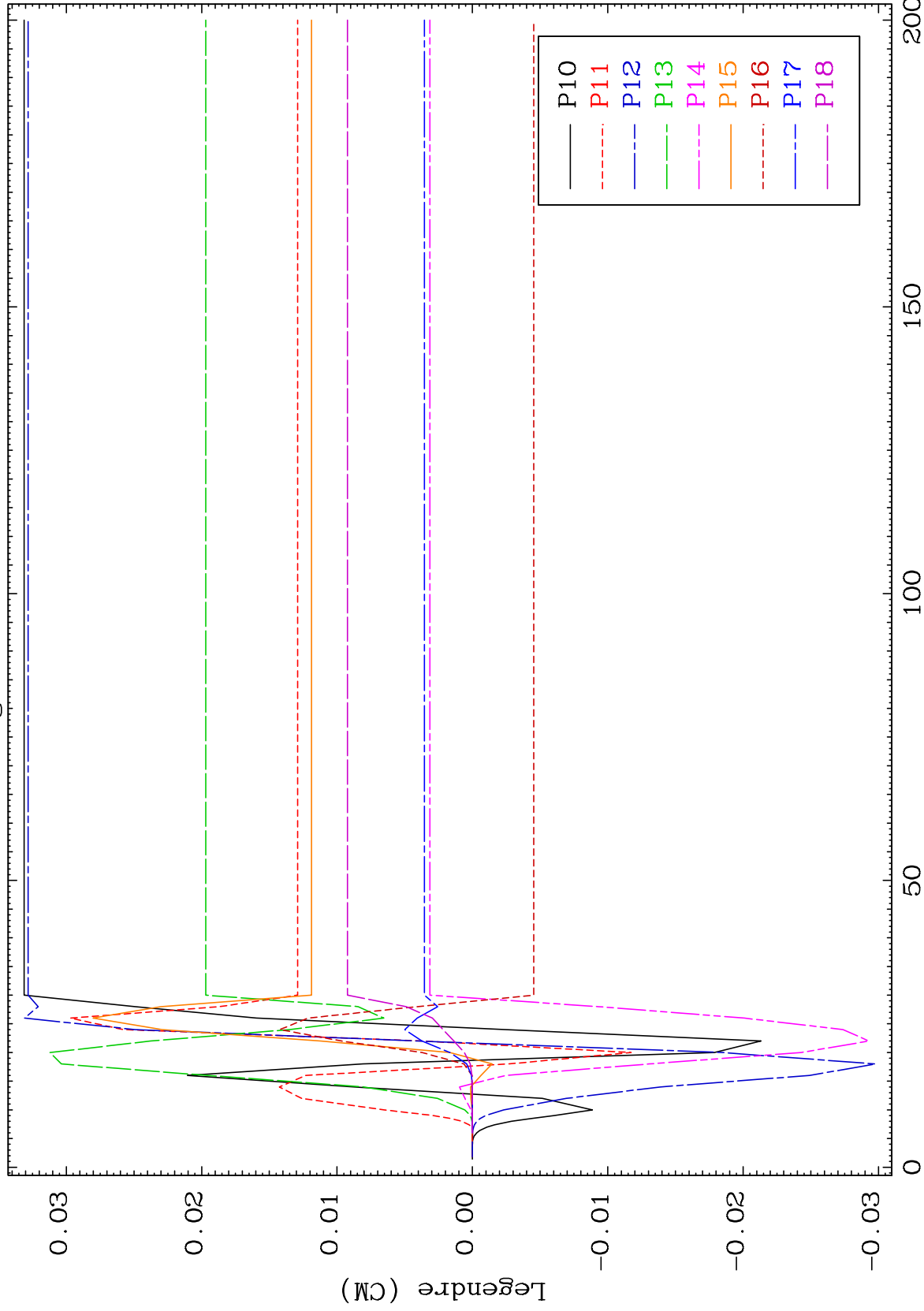
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



25

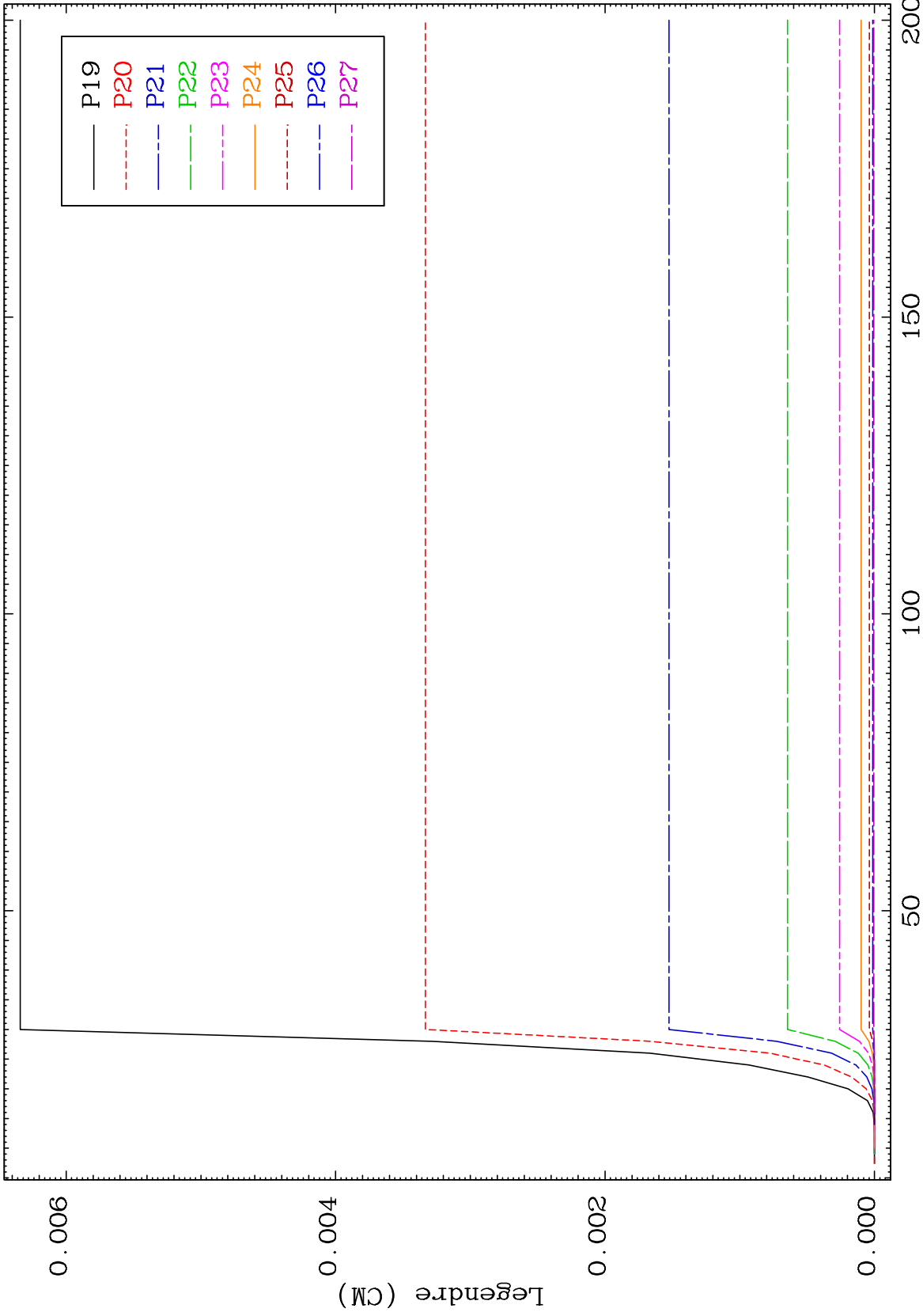
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



26

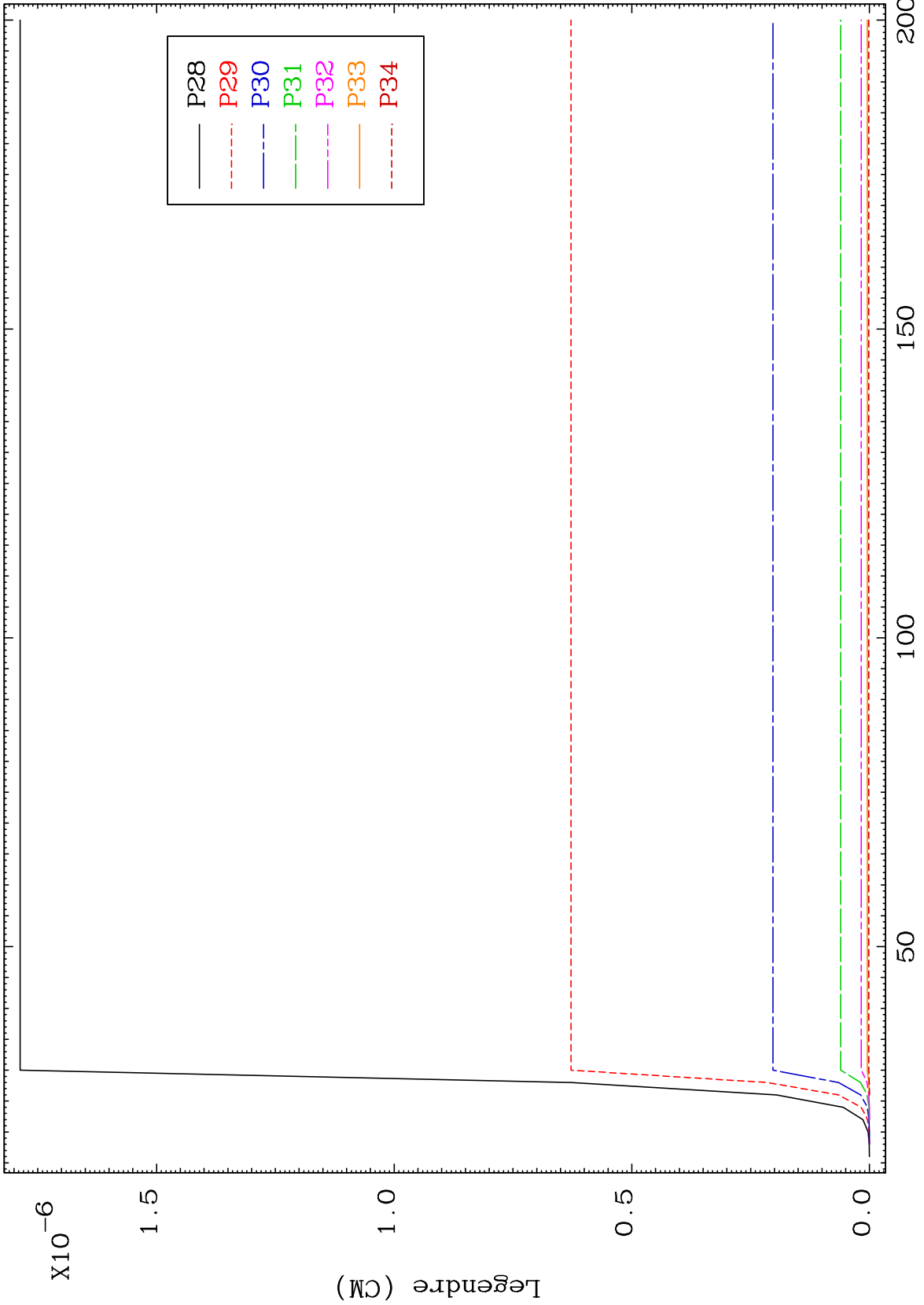
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



27

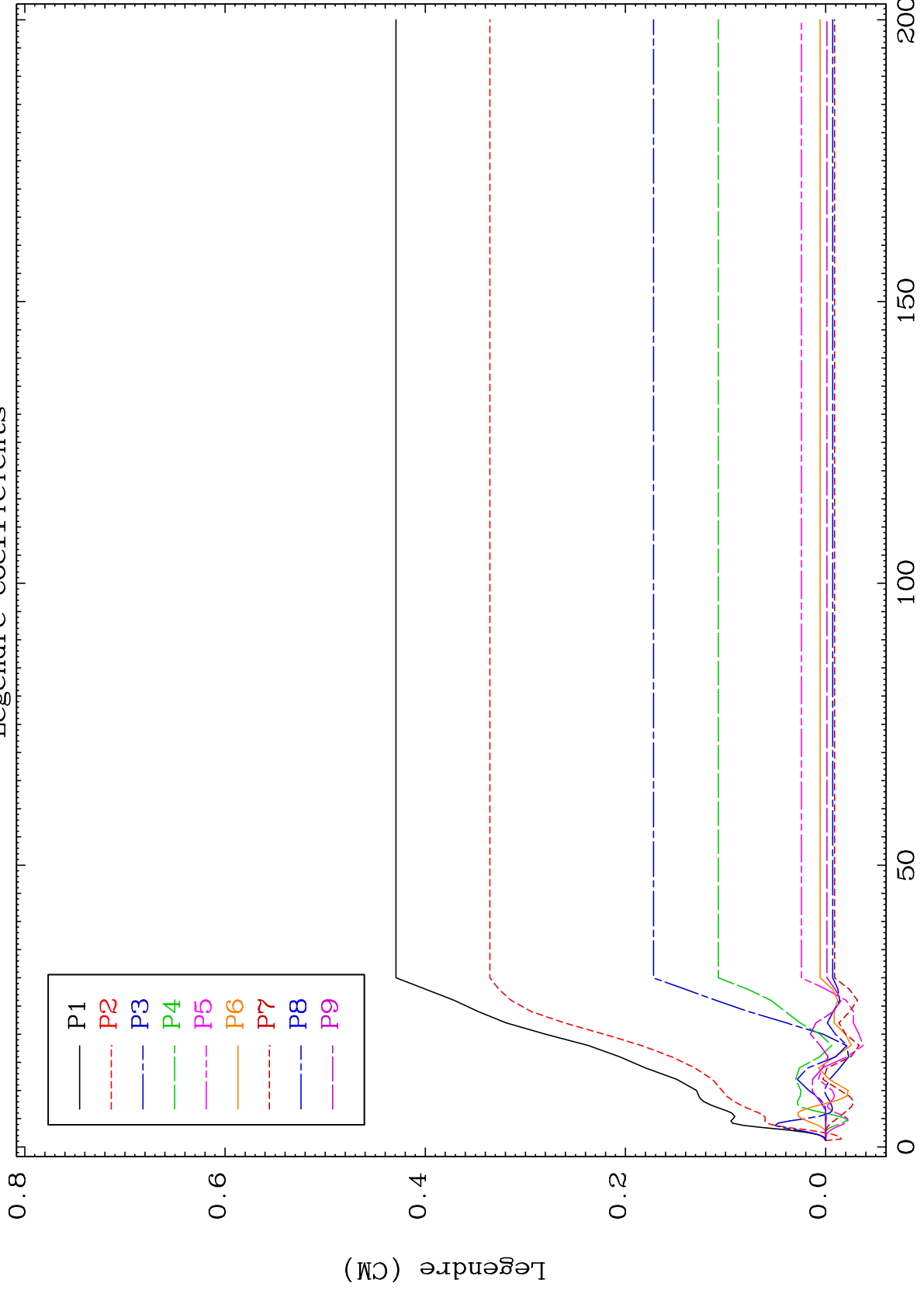
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



28

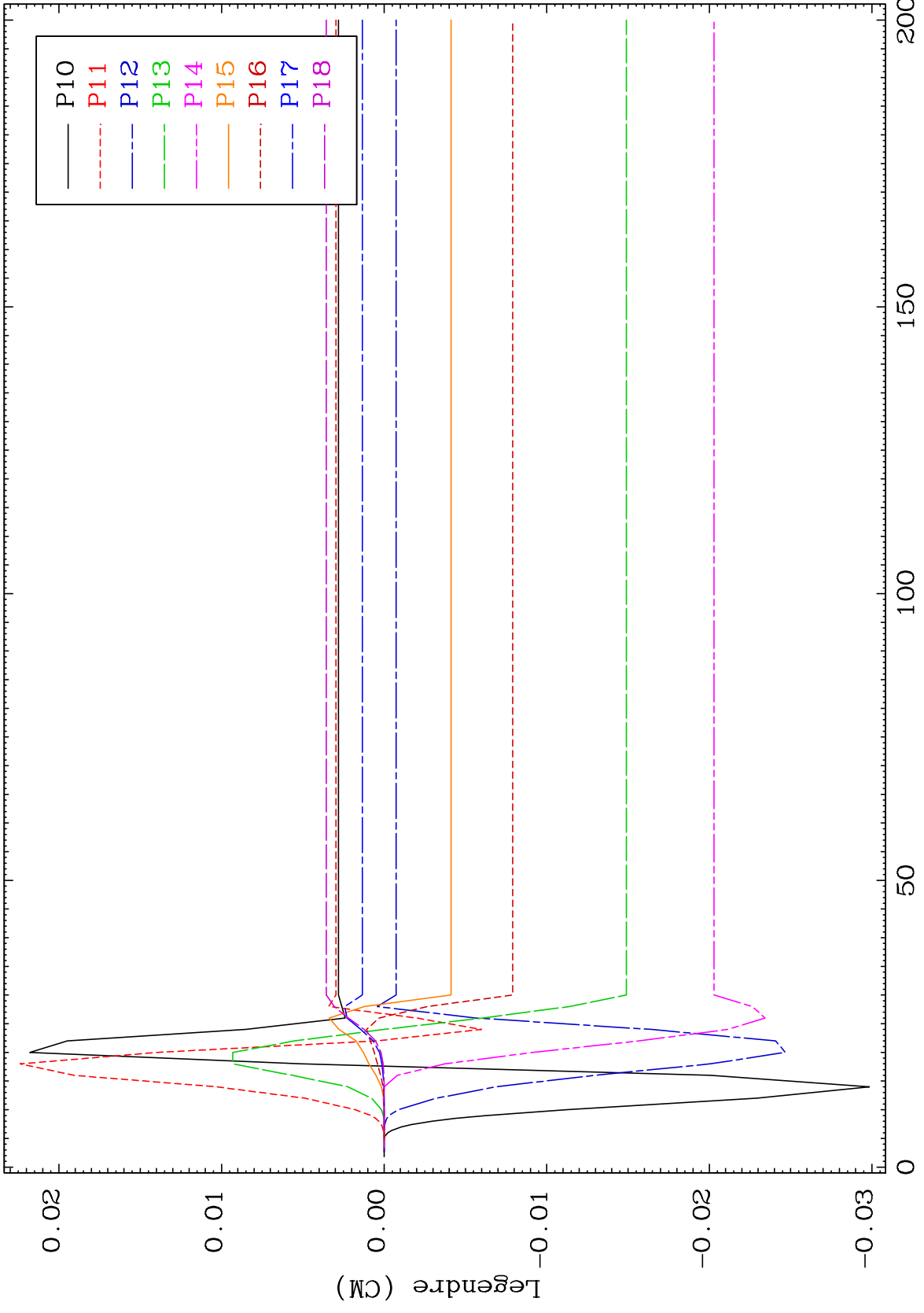
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



29

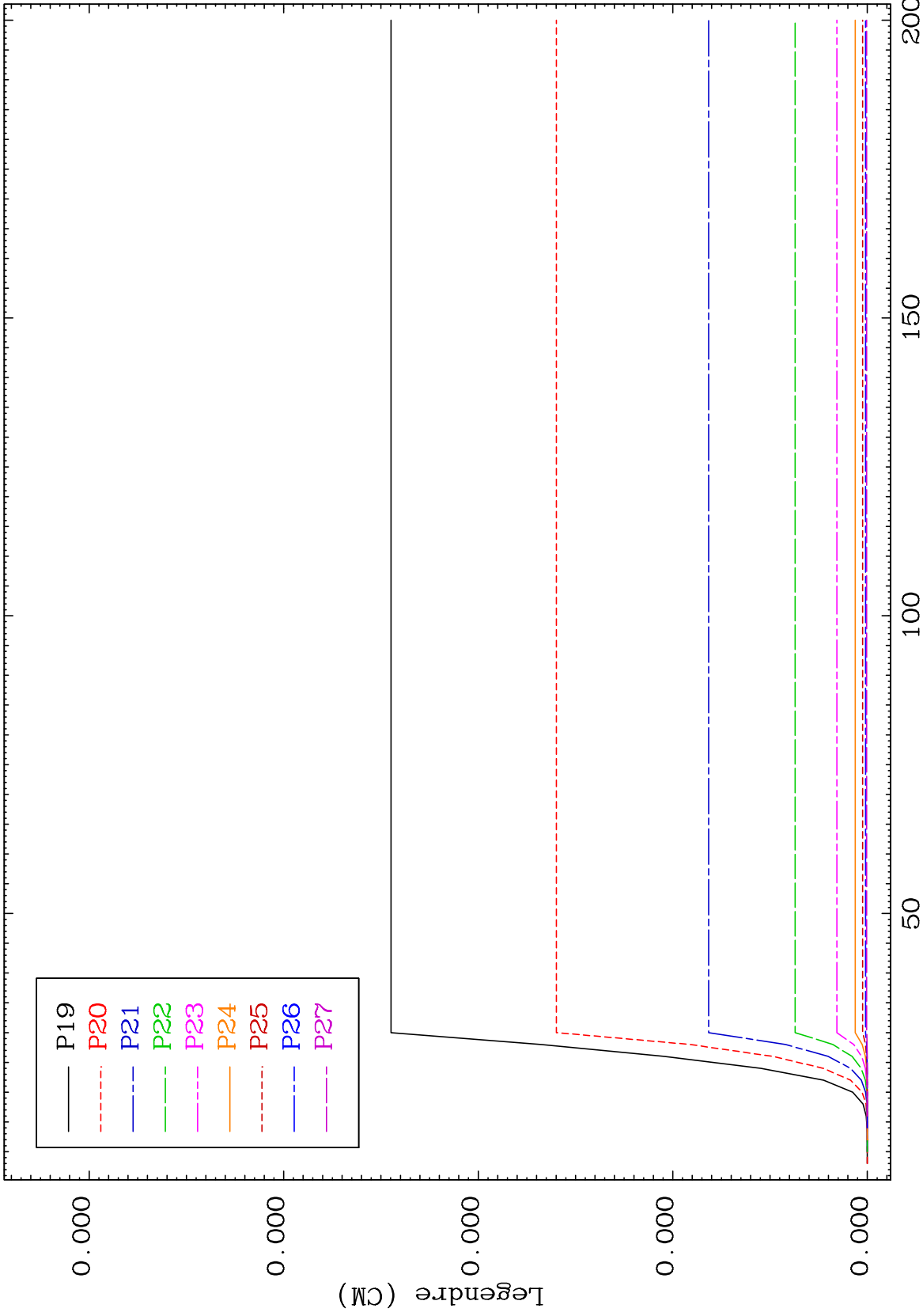
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



30

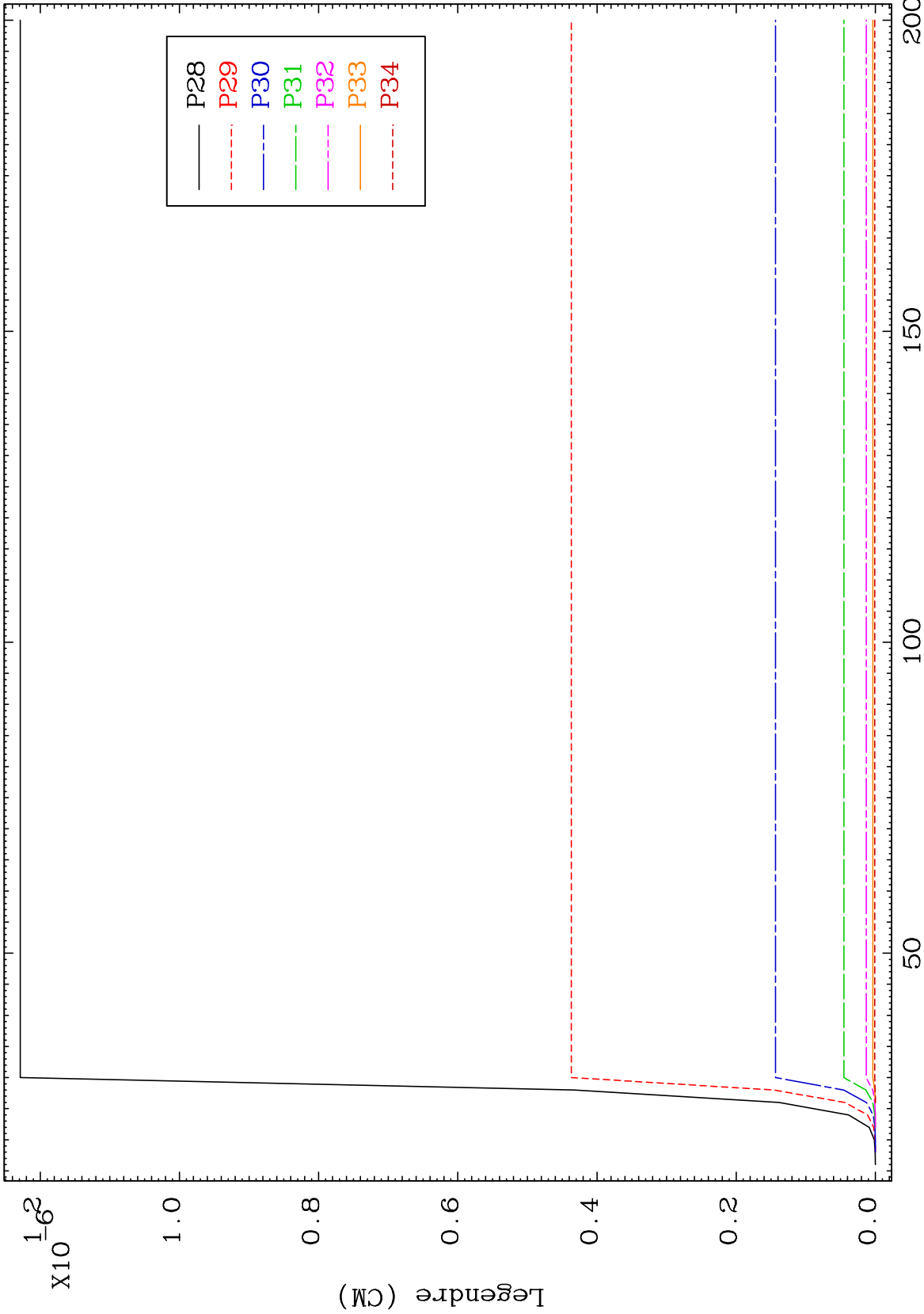
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



31

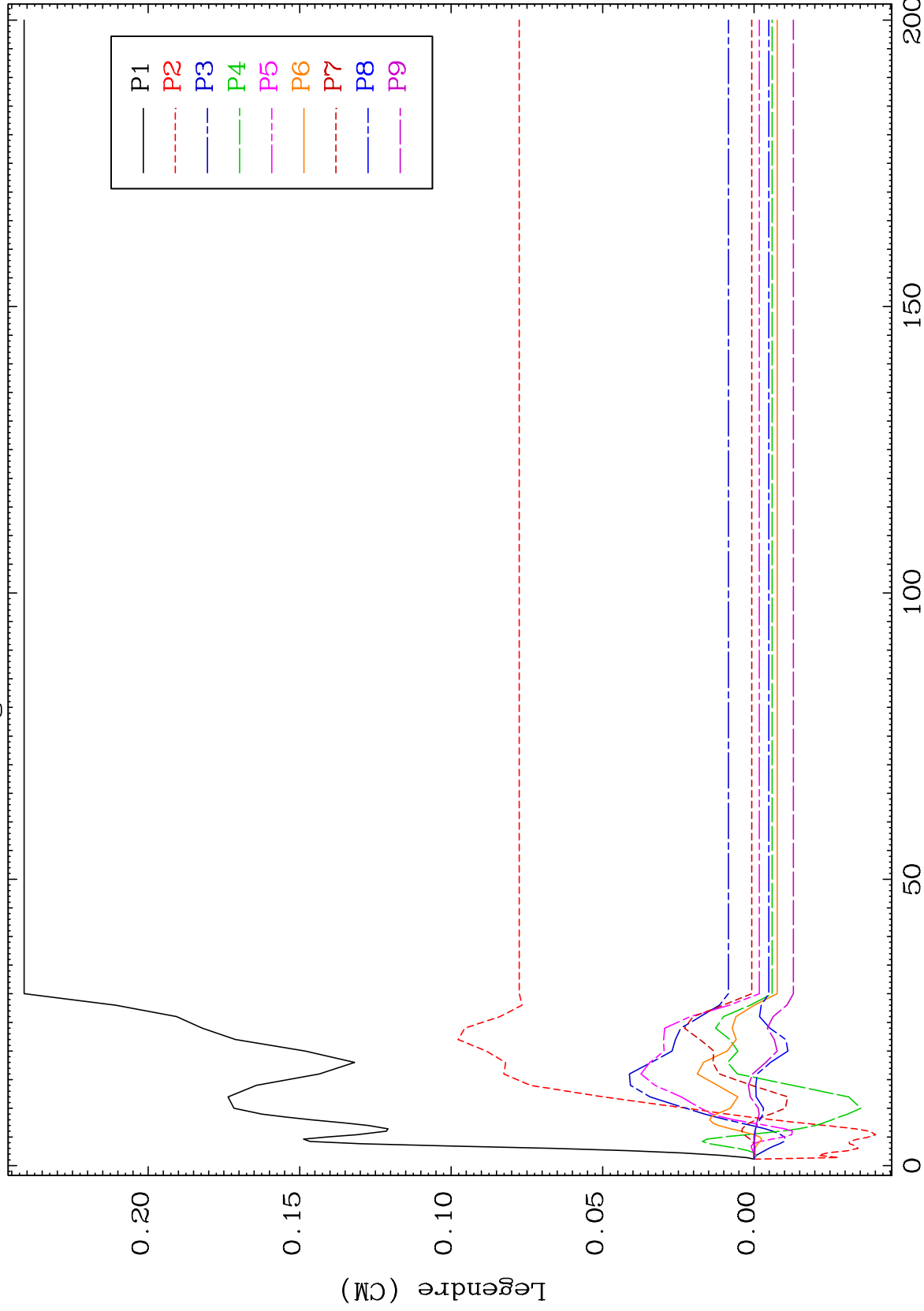
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



32

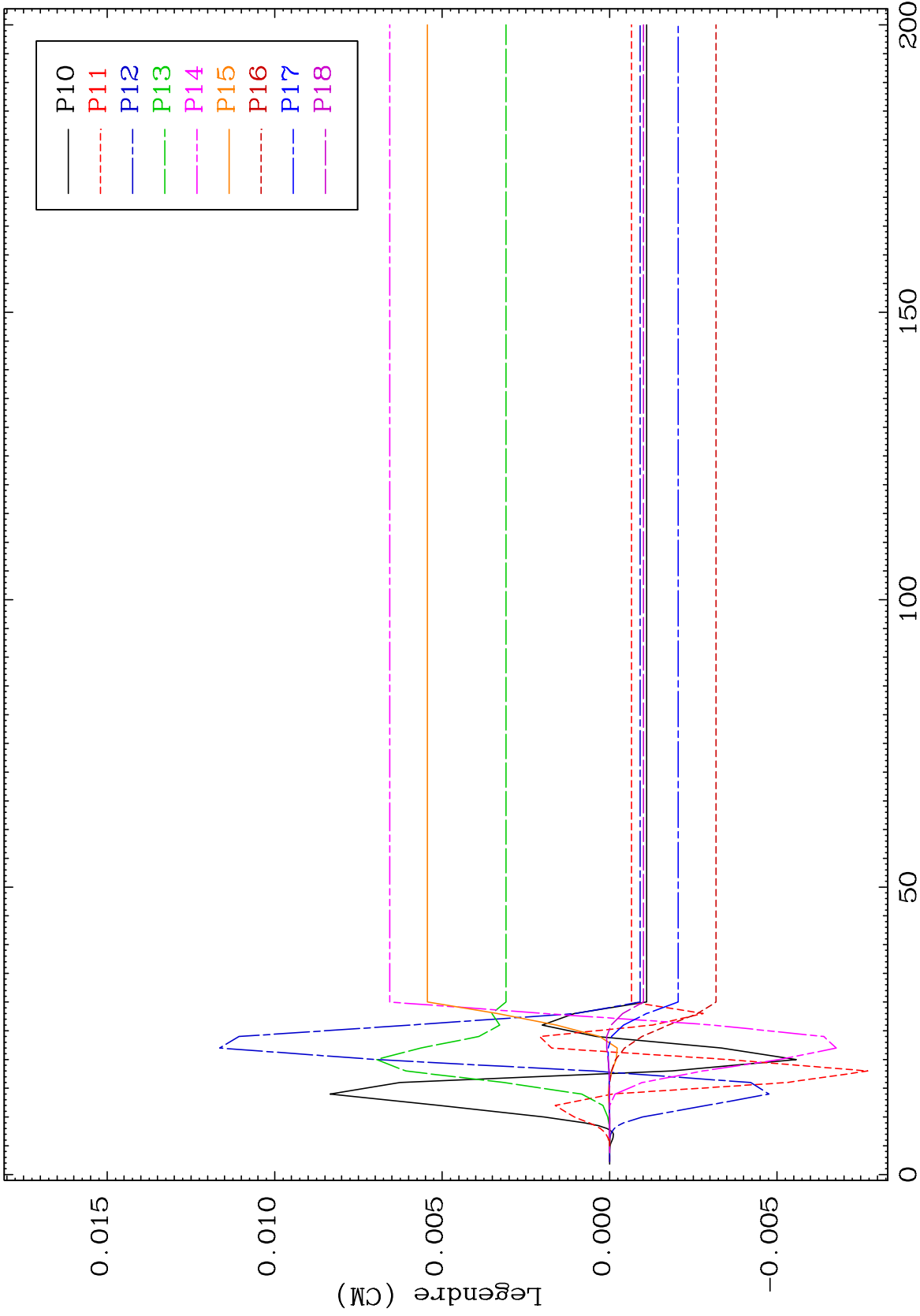
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



33

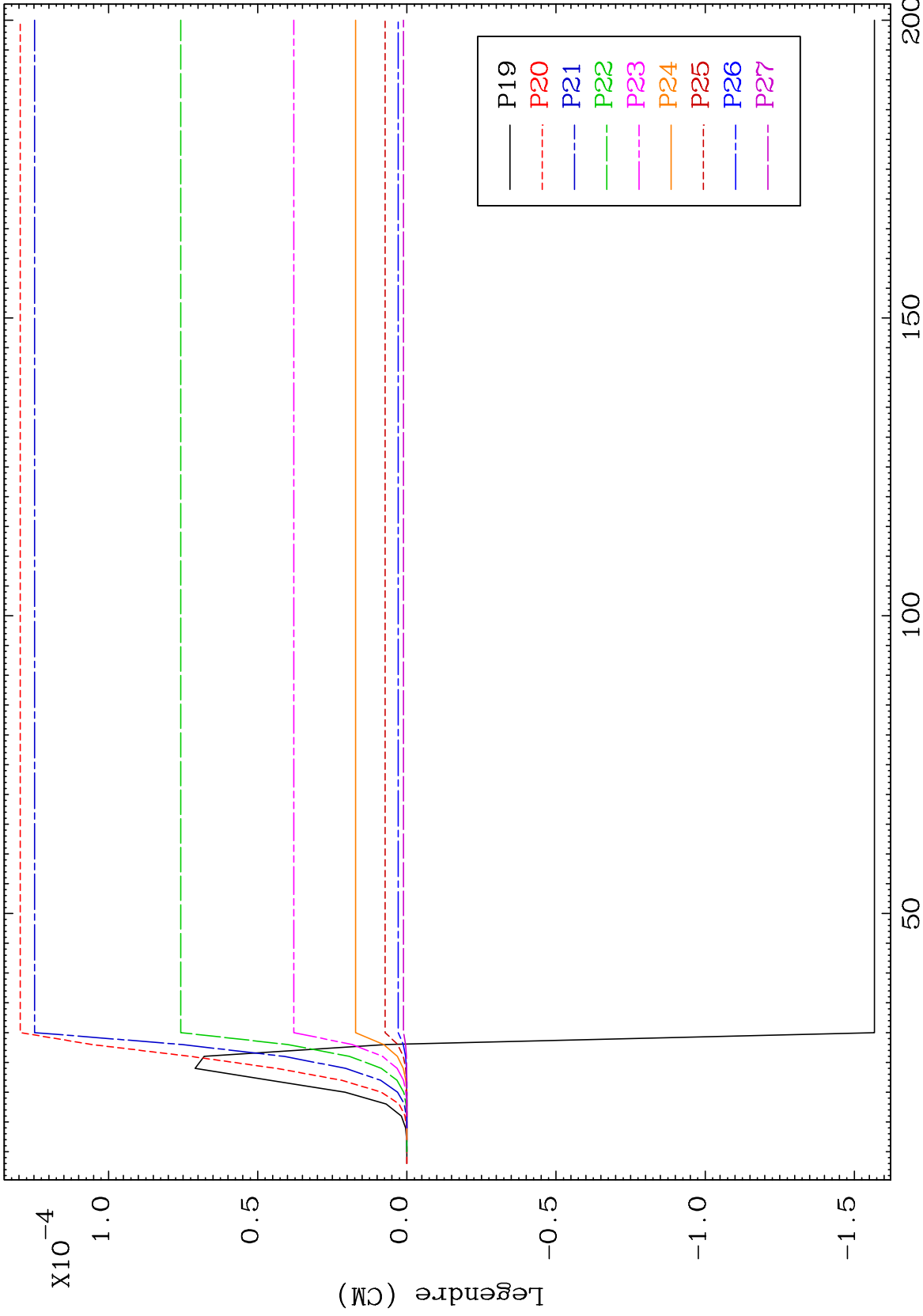
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



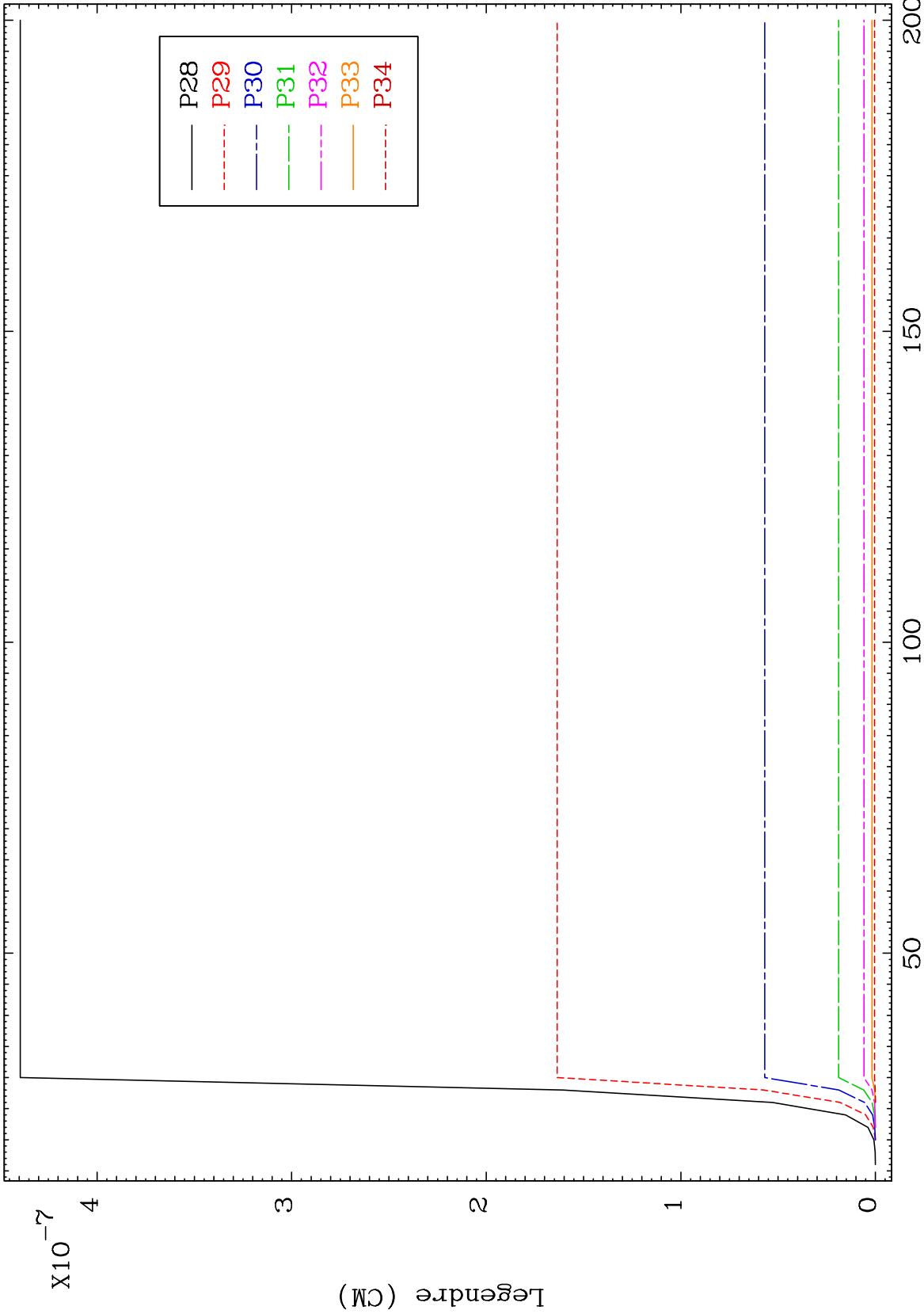
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44-Ru-102

MAT 4443

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

44-Ru-102

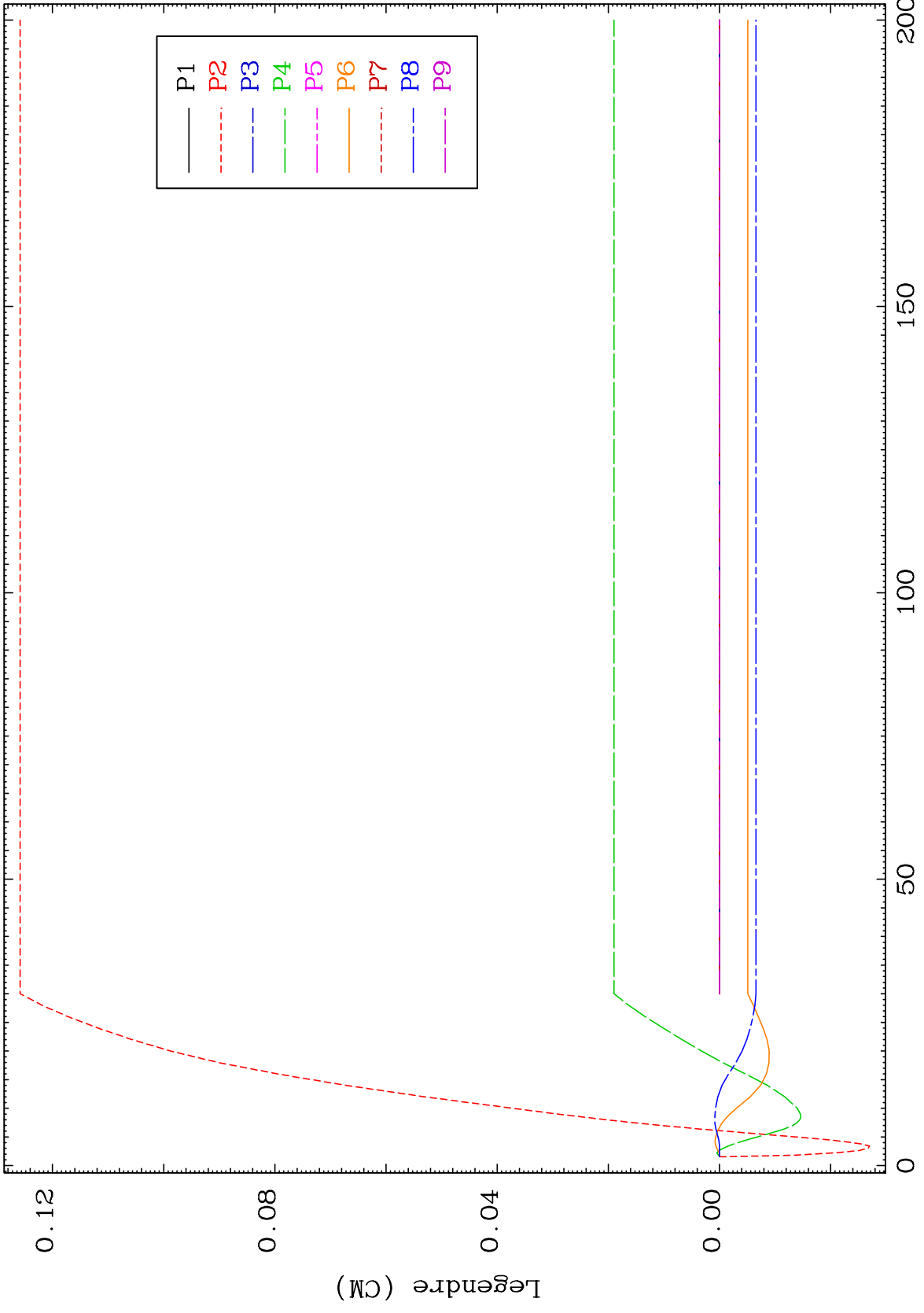


35

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-102

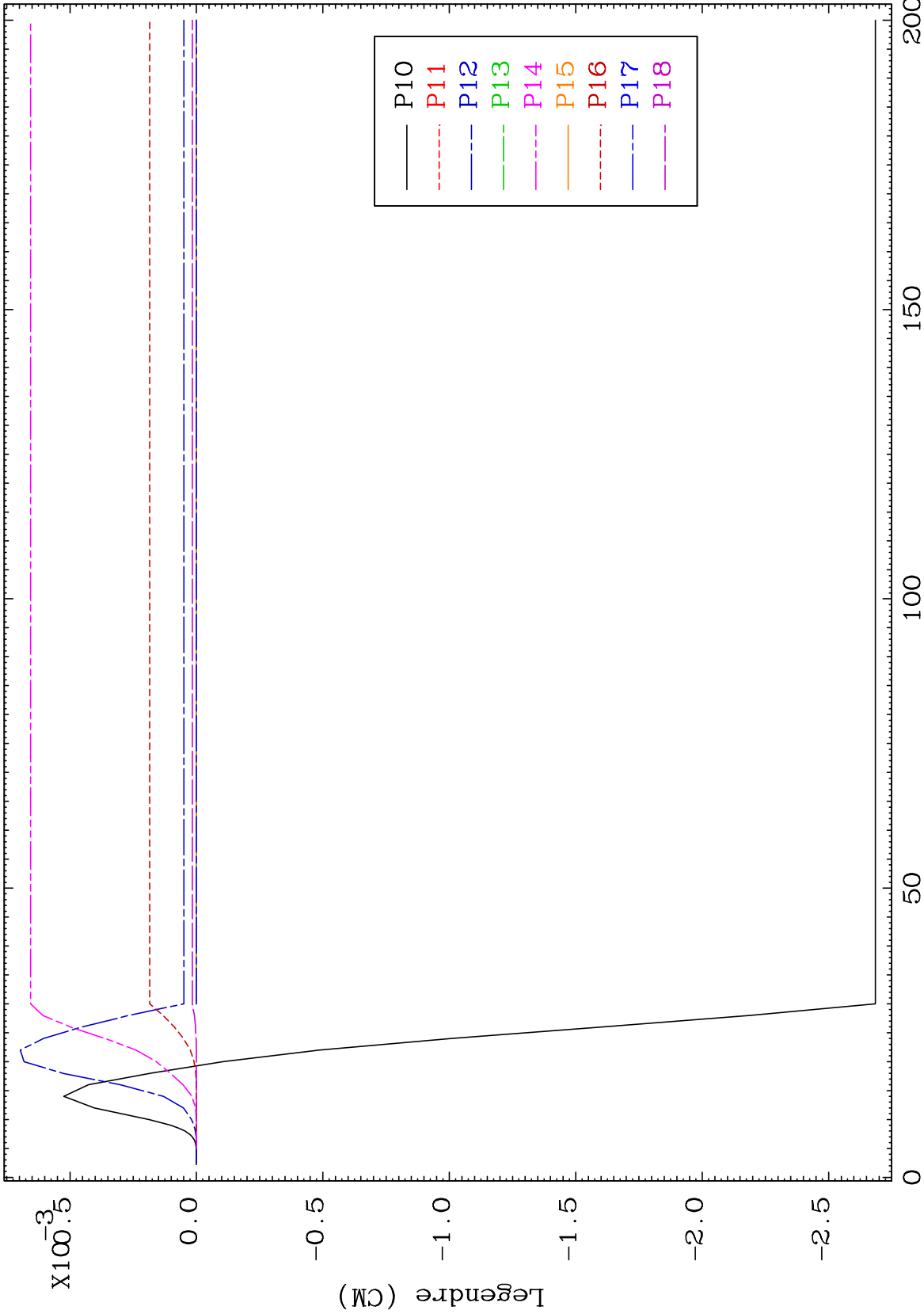


36 44-Ru-102

MAT 4443

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

44-Ru-102

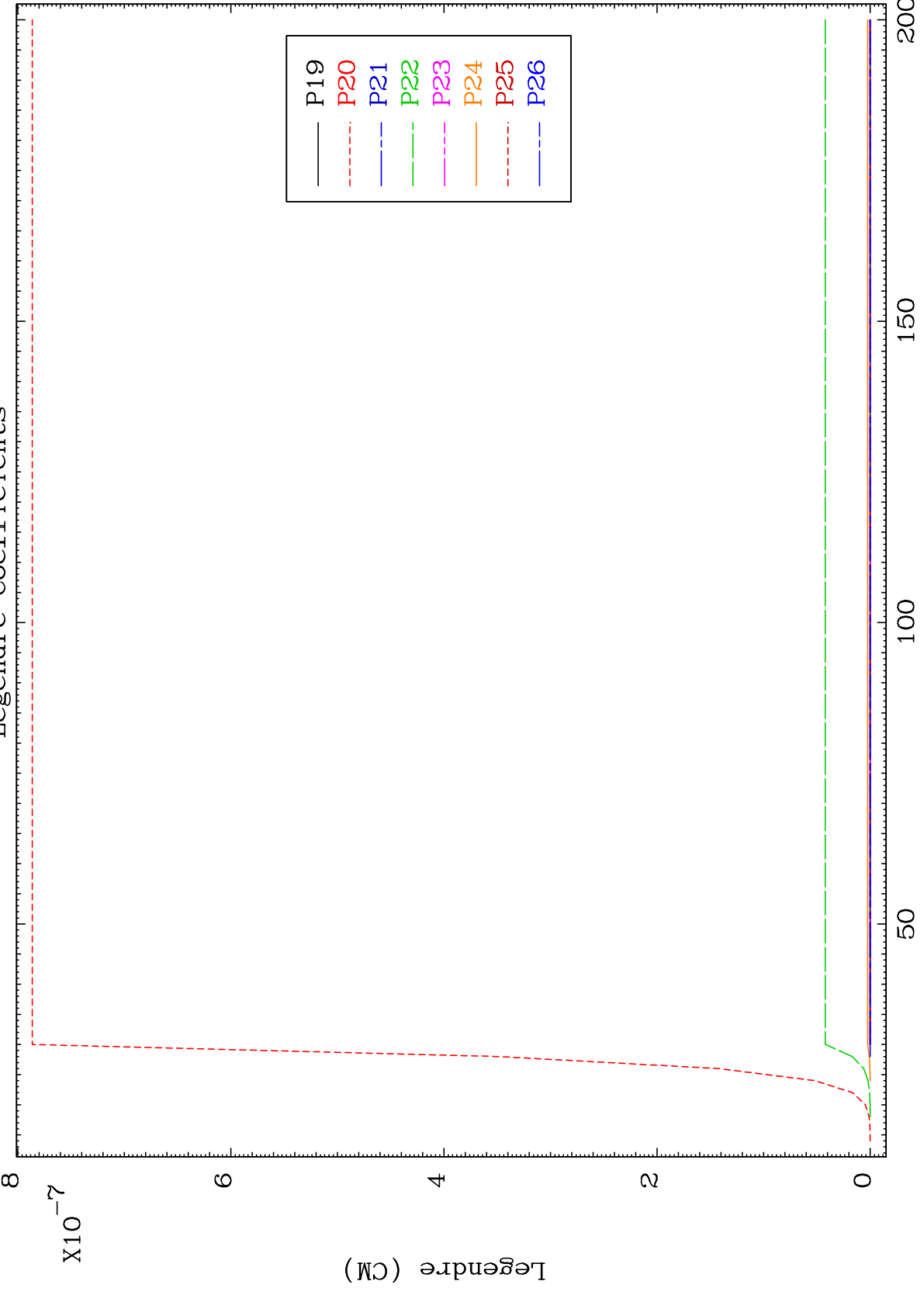


37

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-102

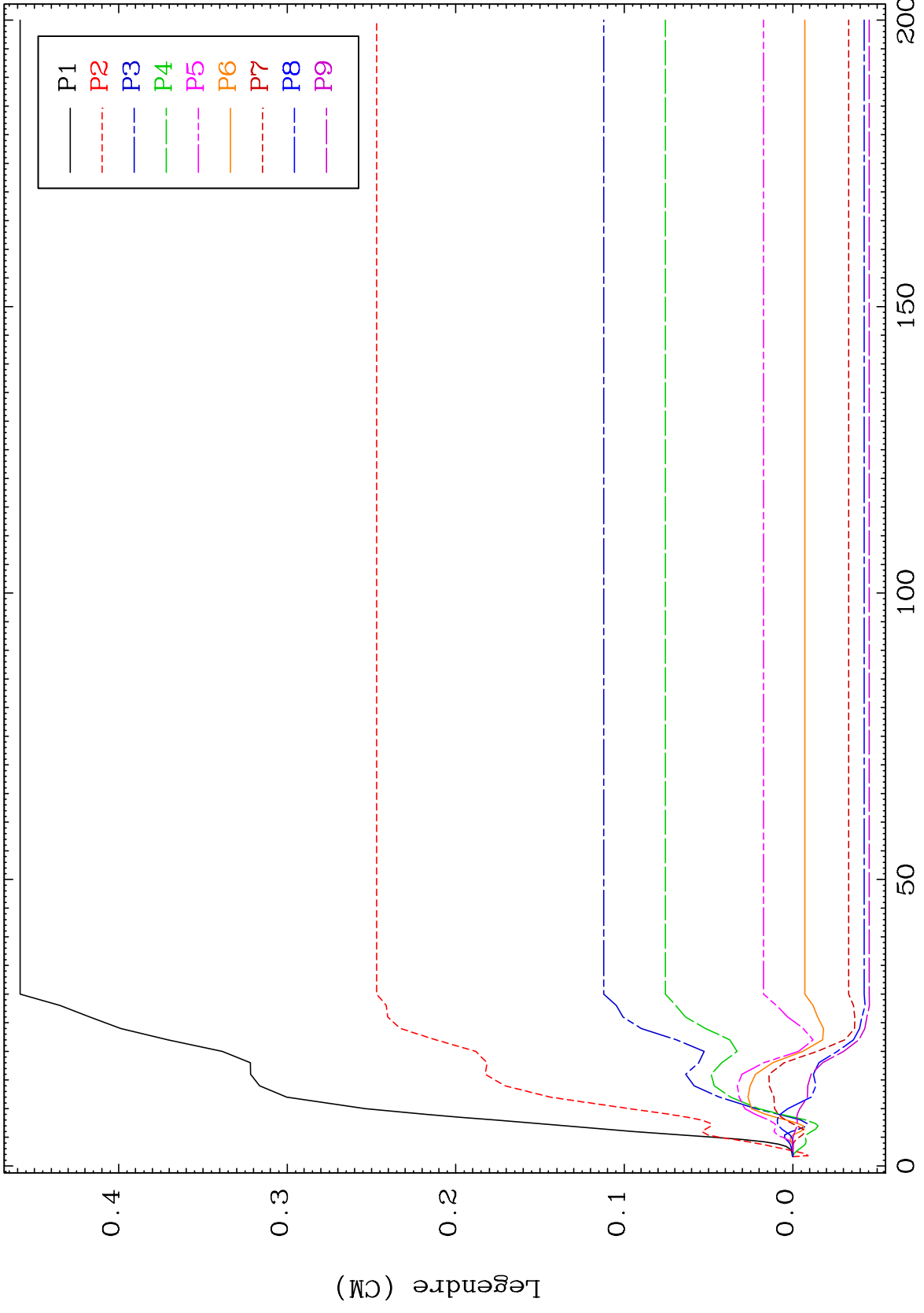


38 44-Ru-102

MAT 4443

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

44-Ru-102



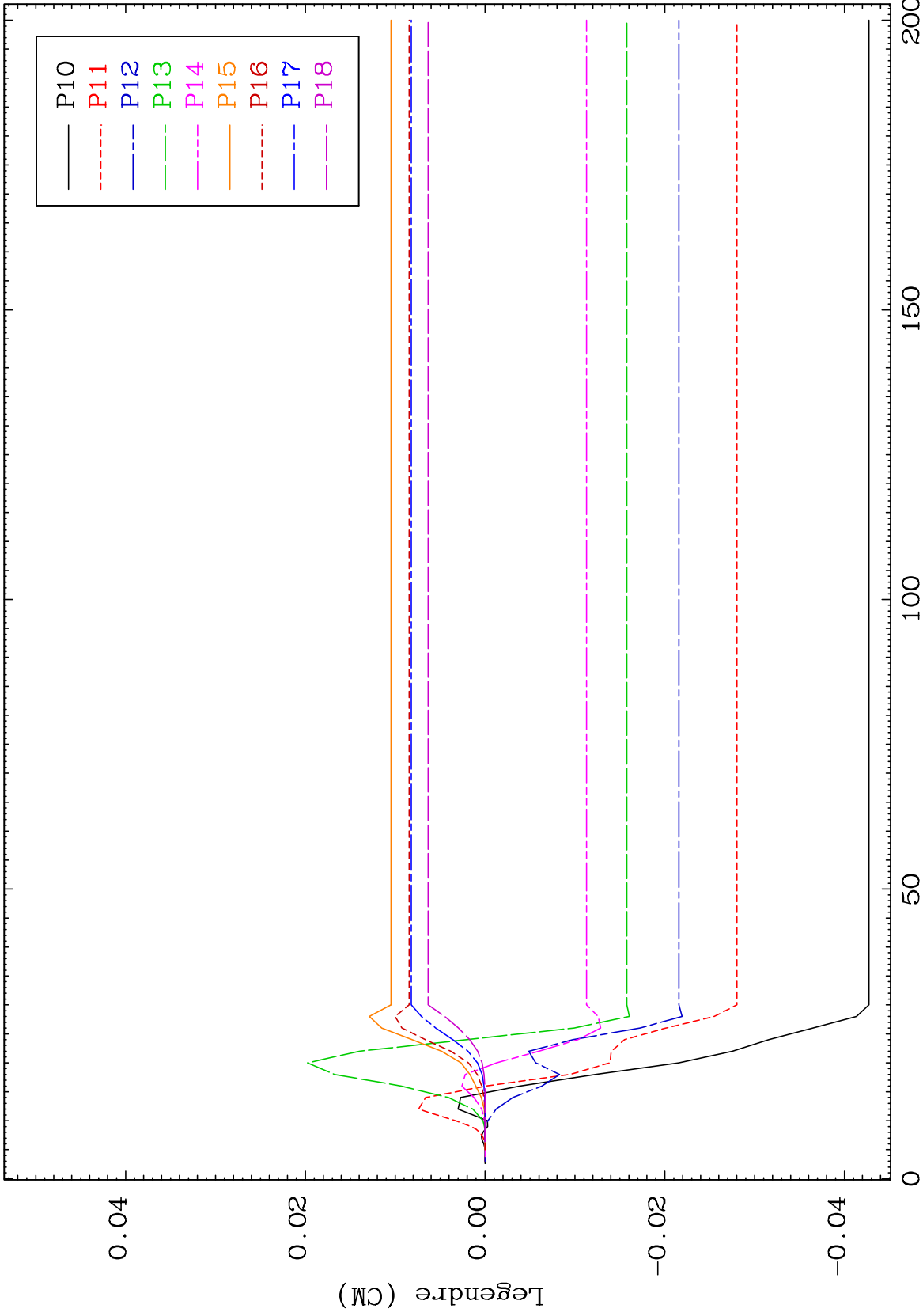
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44-Ru-102

MAT 4443

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

44-Ru-102



40

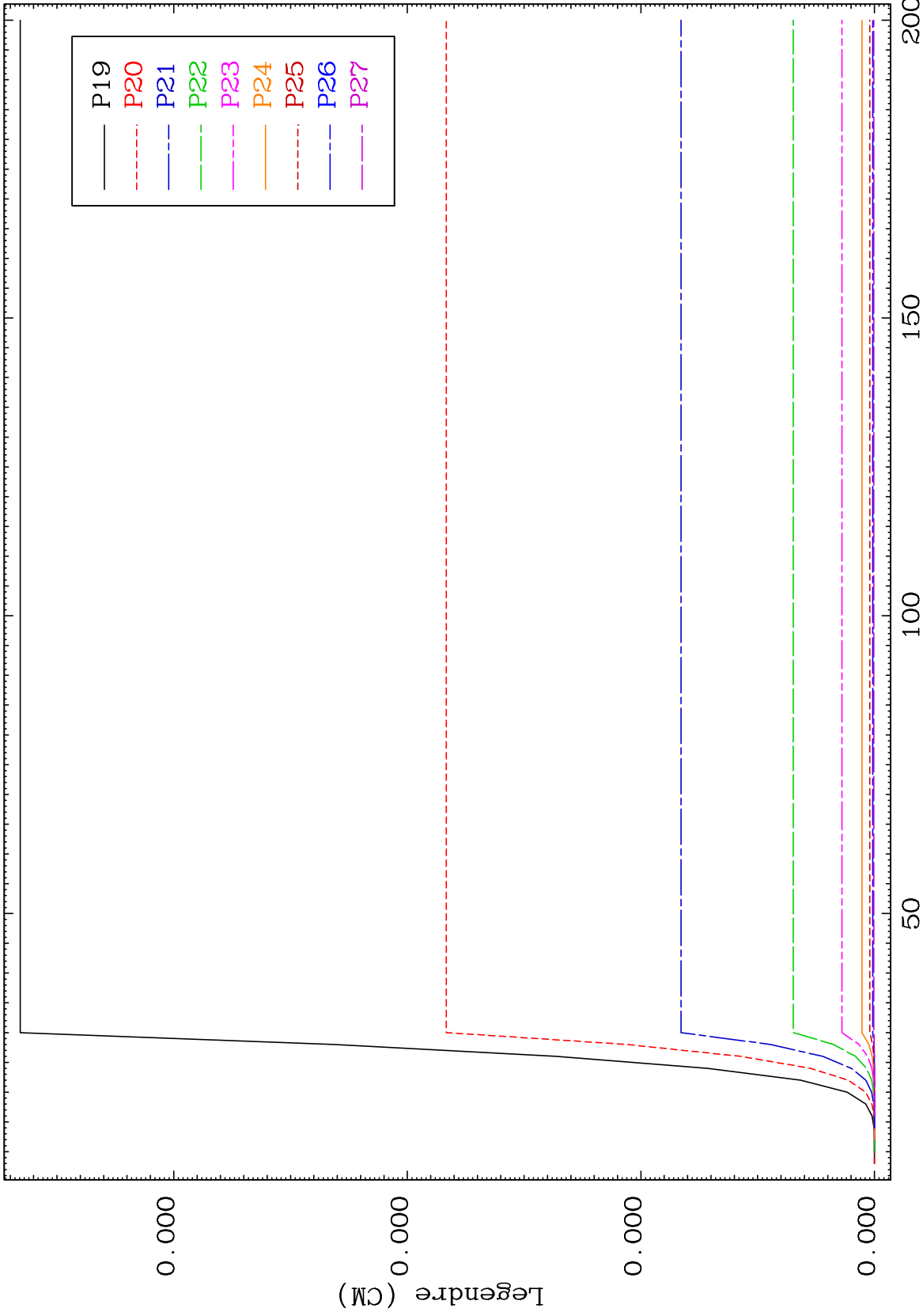
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



41

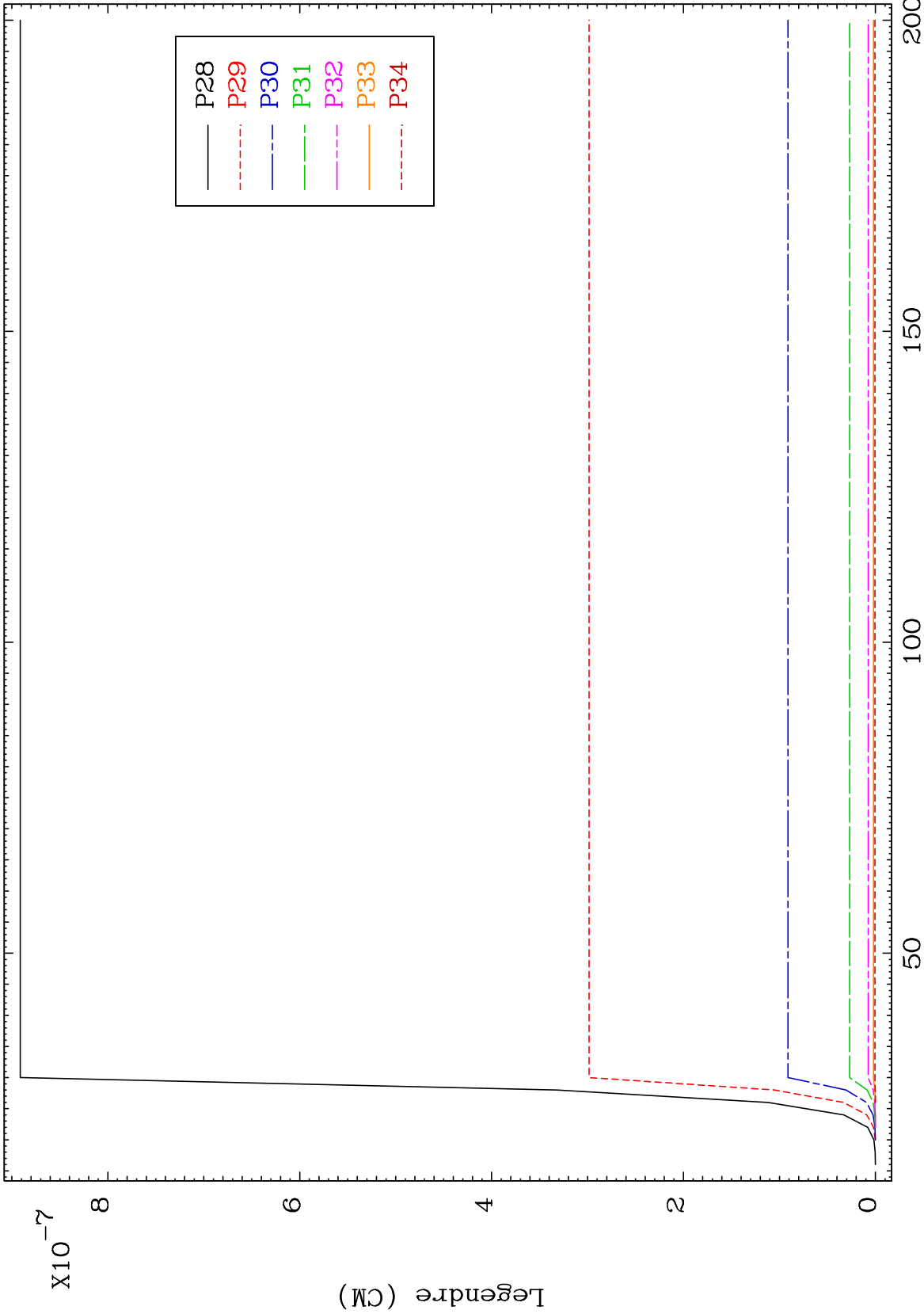
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



42

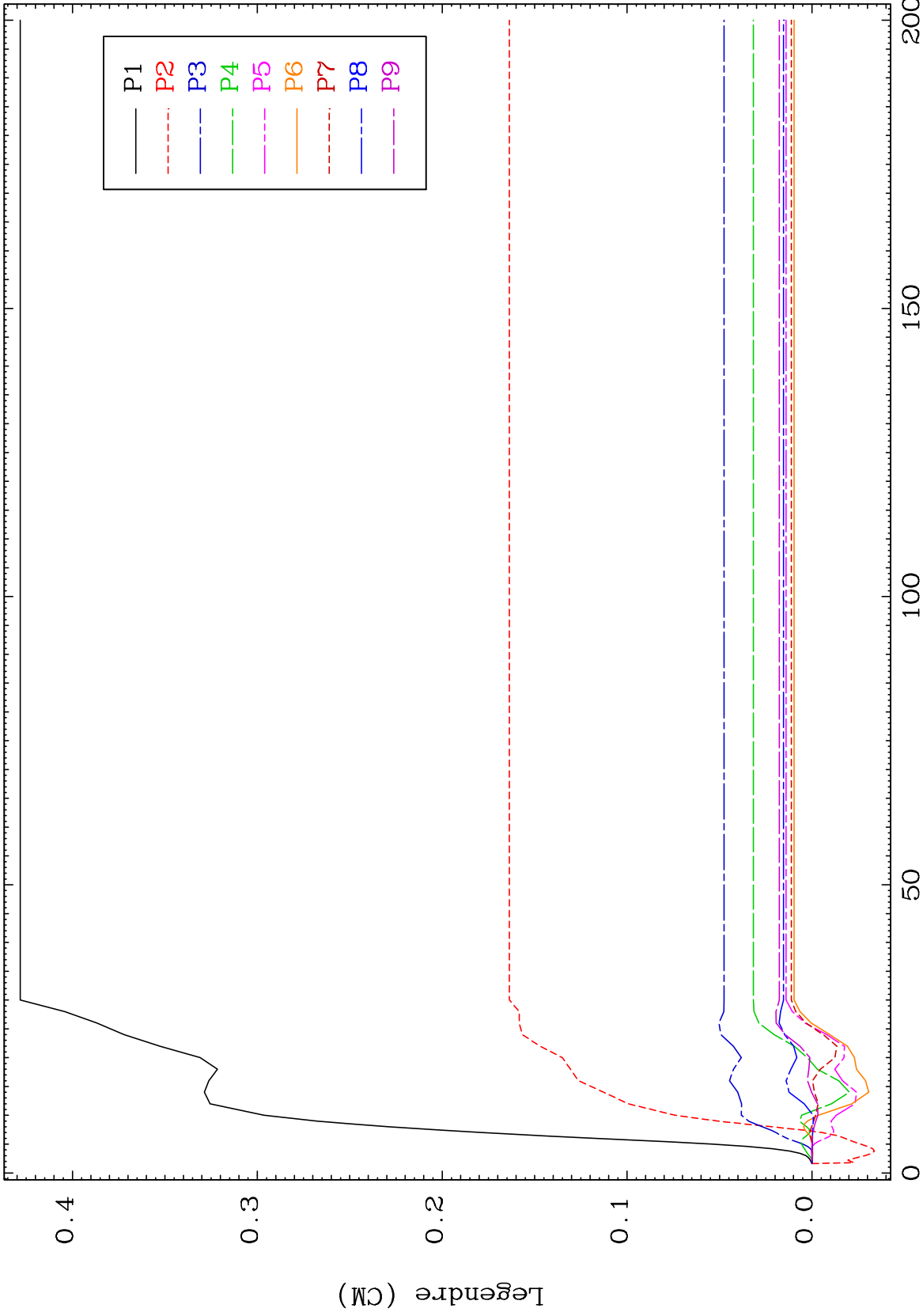
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



43

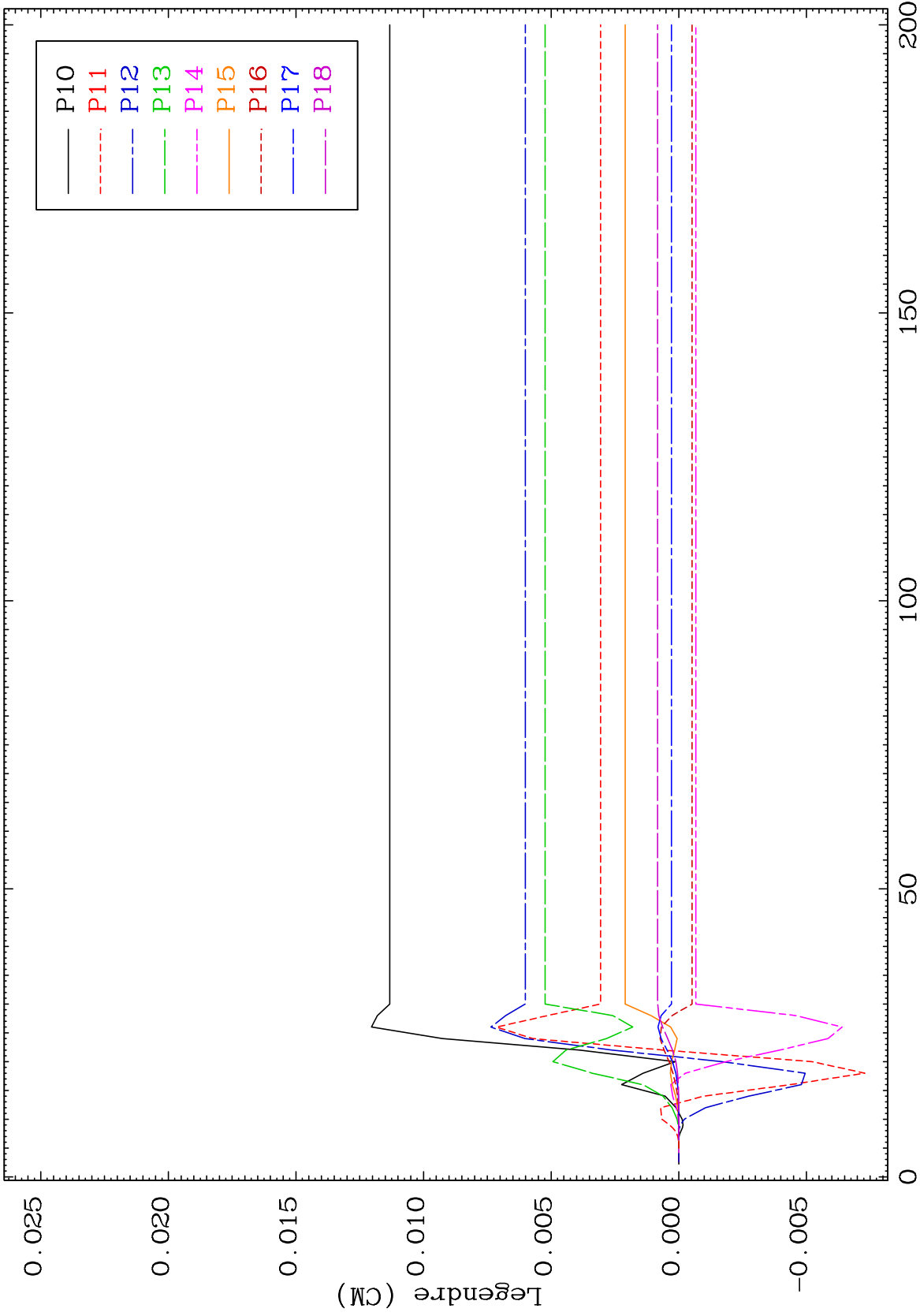
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



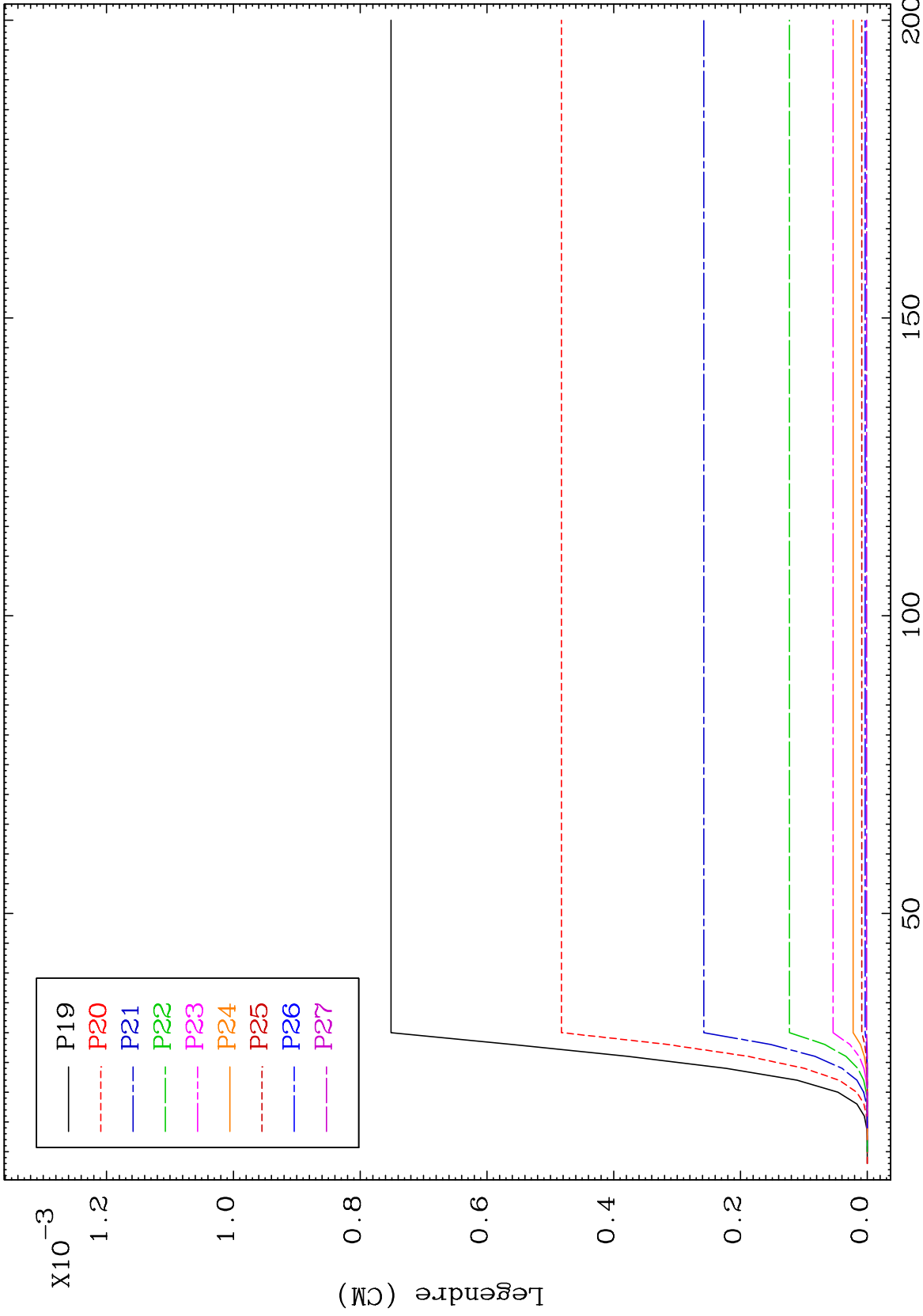
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44-Ru-102

MAT 4443

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

44-Ru-102



45

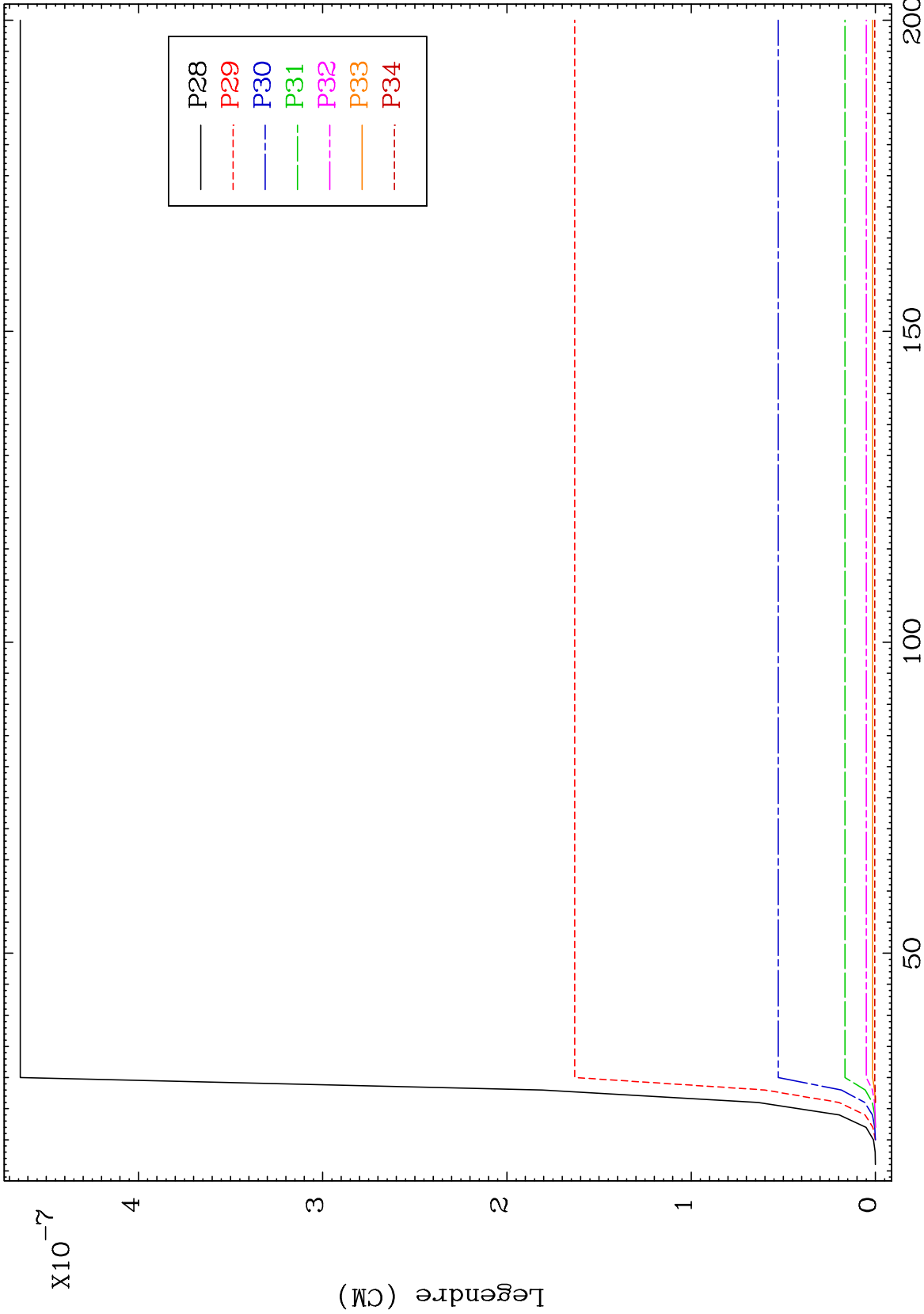
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



46

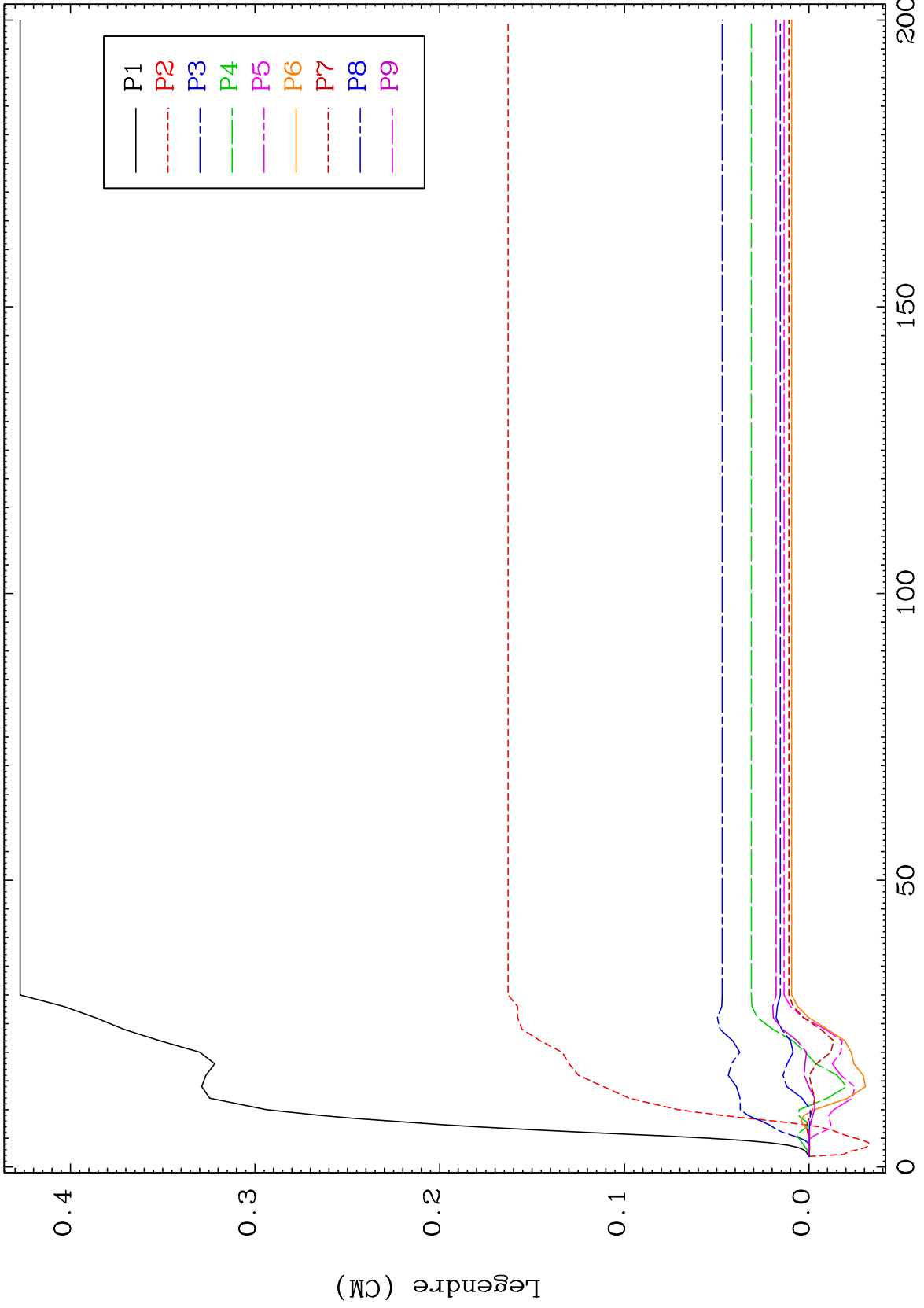
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



47

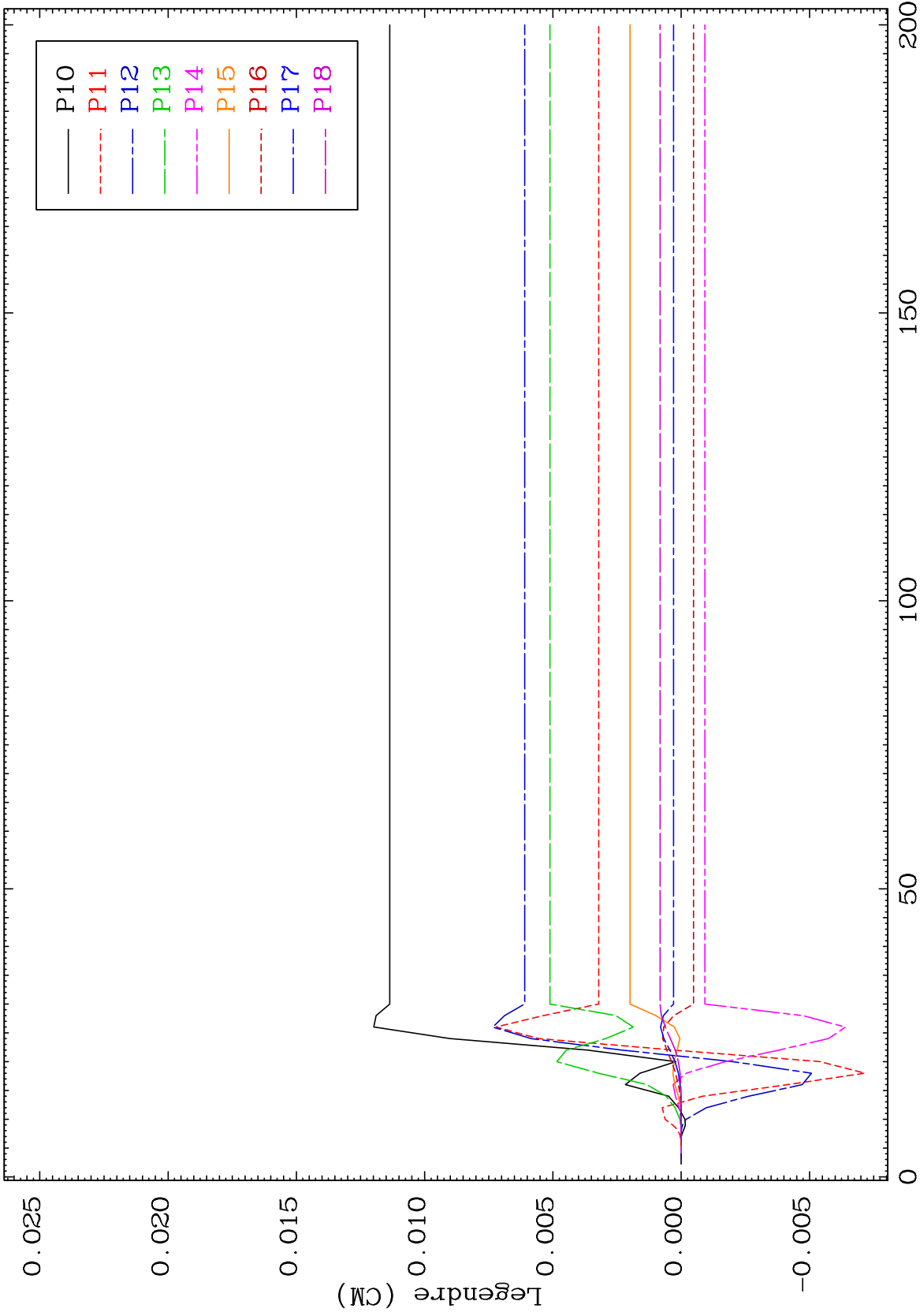
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



48

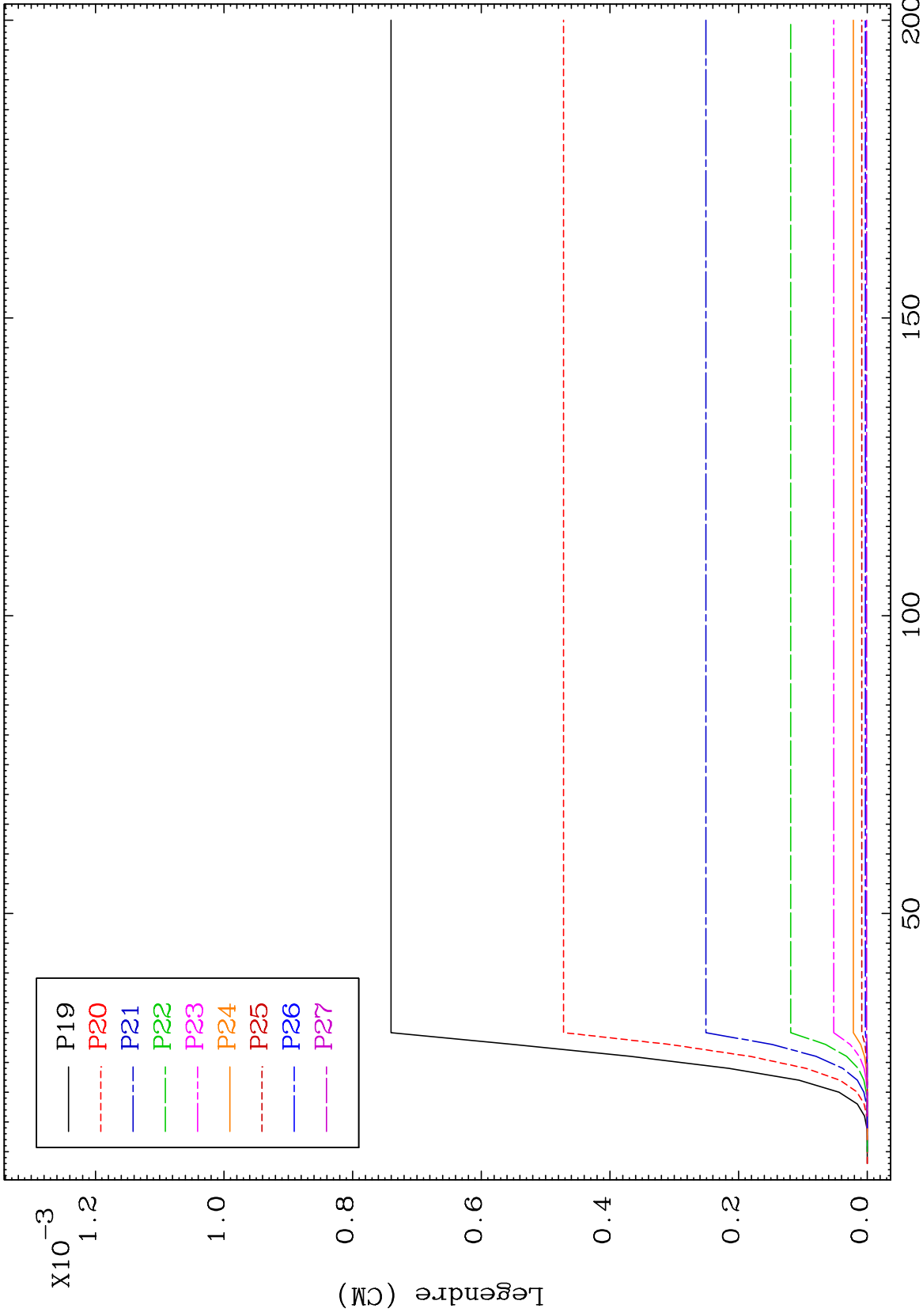
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



49

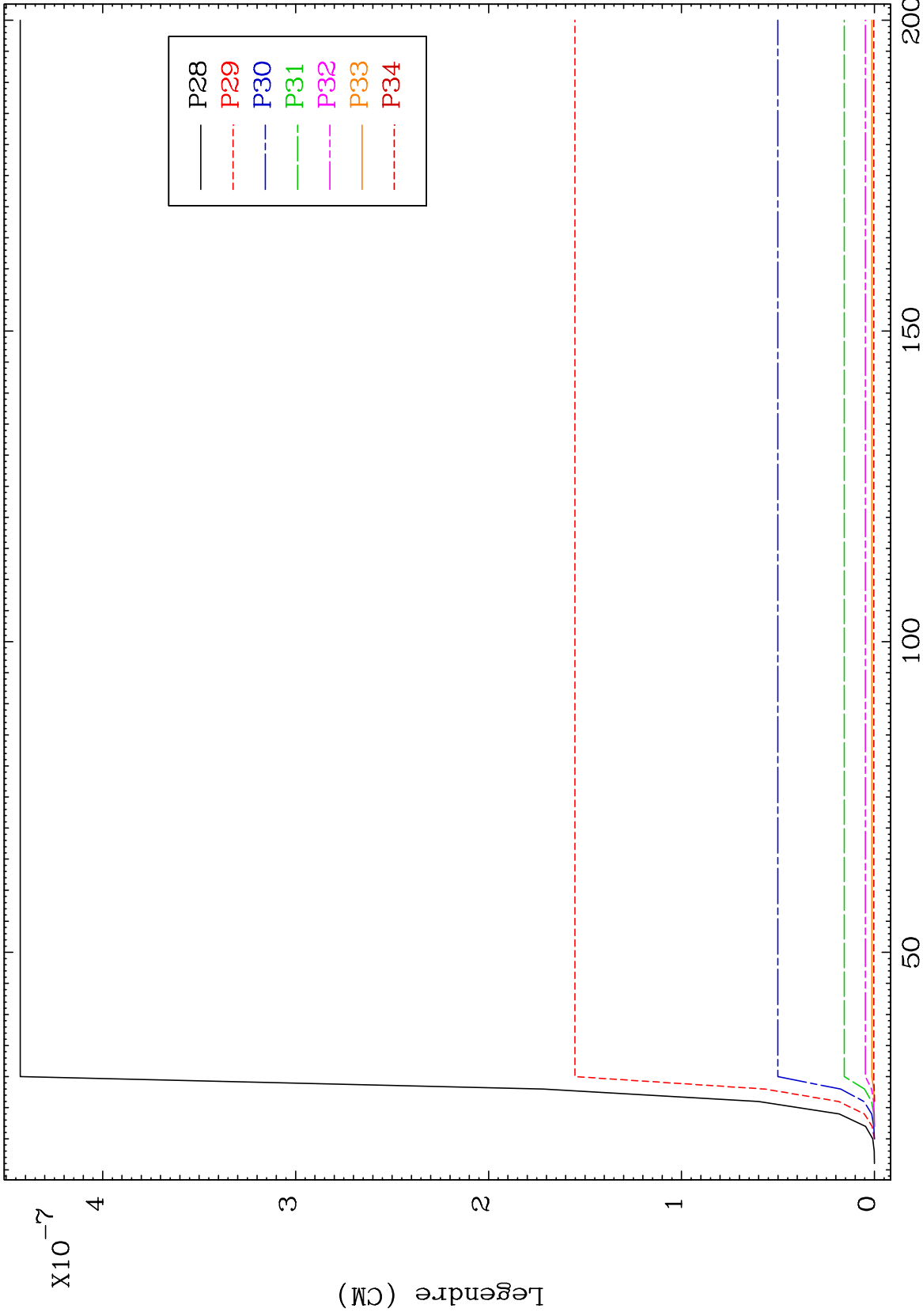
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

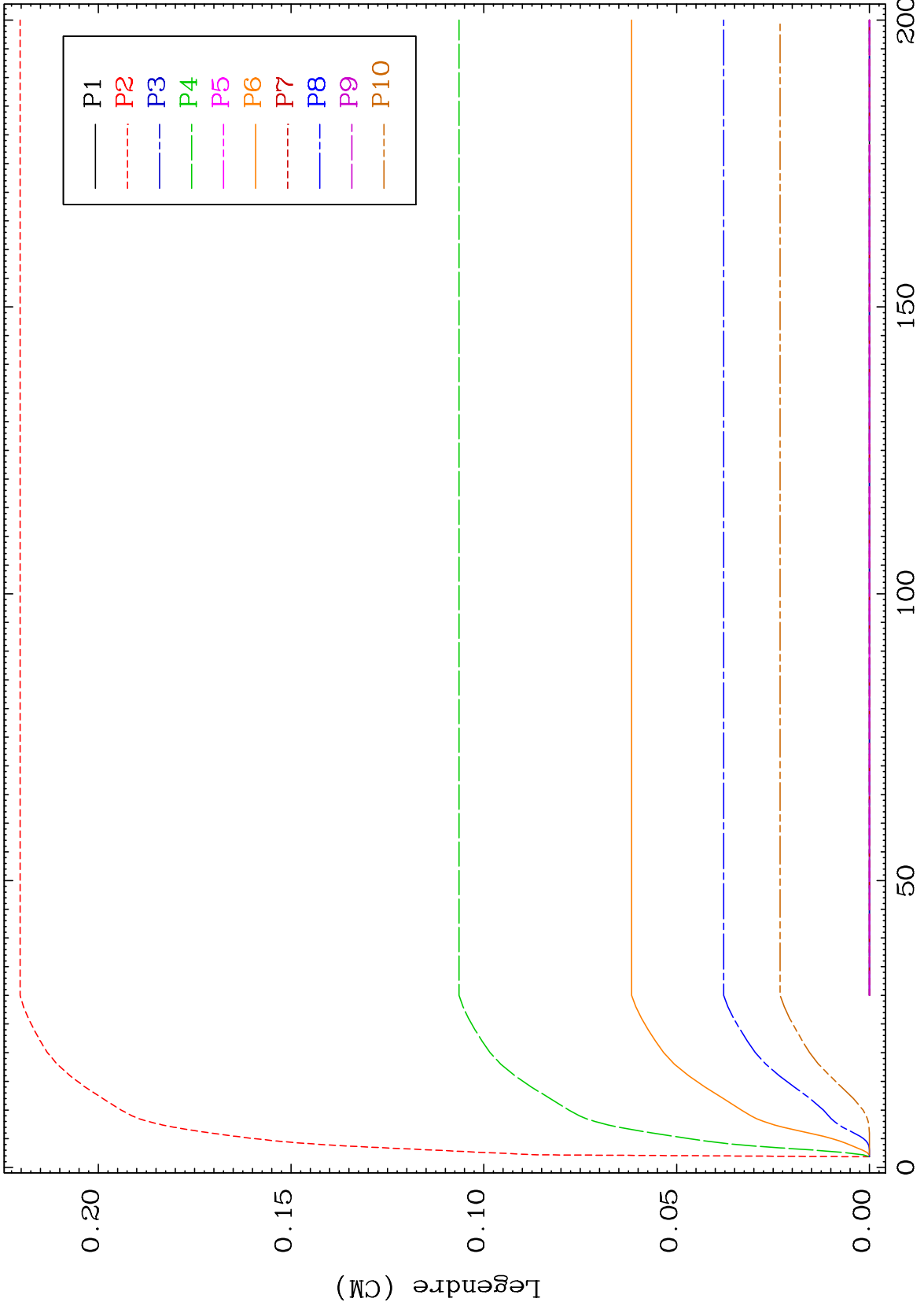


50

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 59 (n,n') Level Legendre Coefficients 44-Ru-102

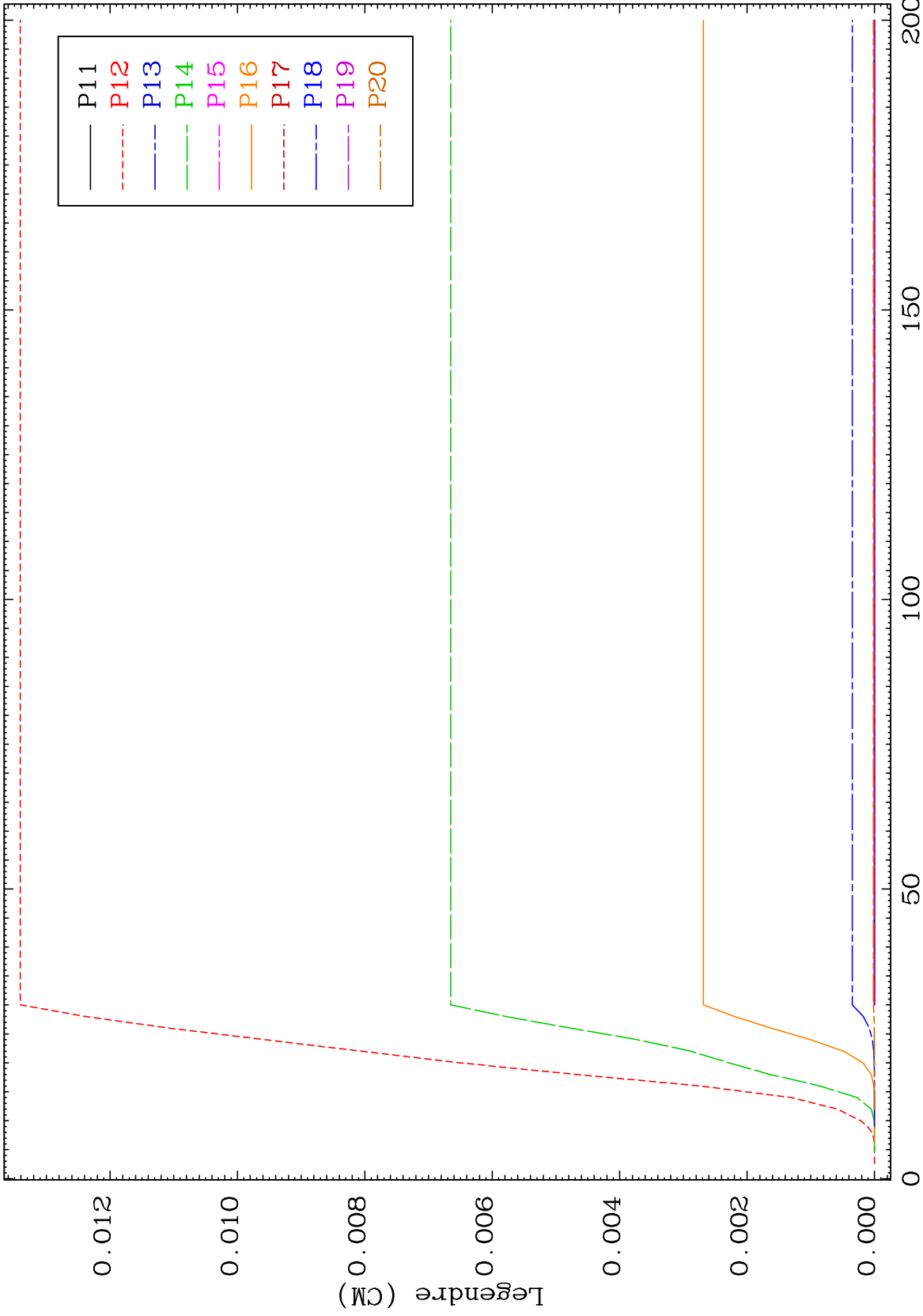


51 44-Ru-102

MAT 4443

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

44-Ru-102

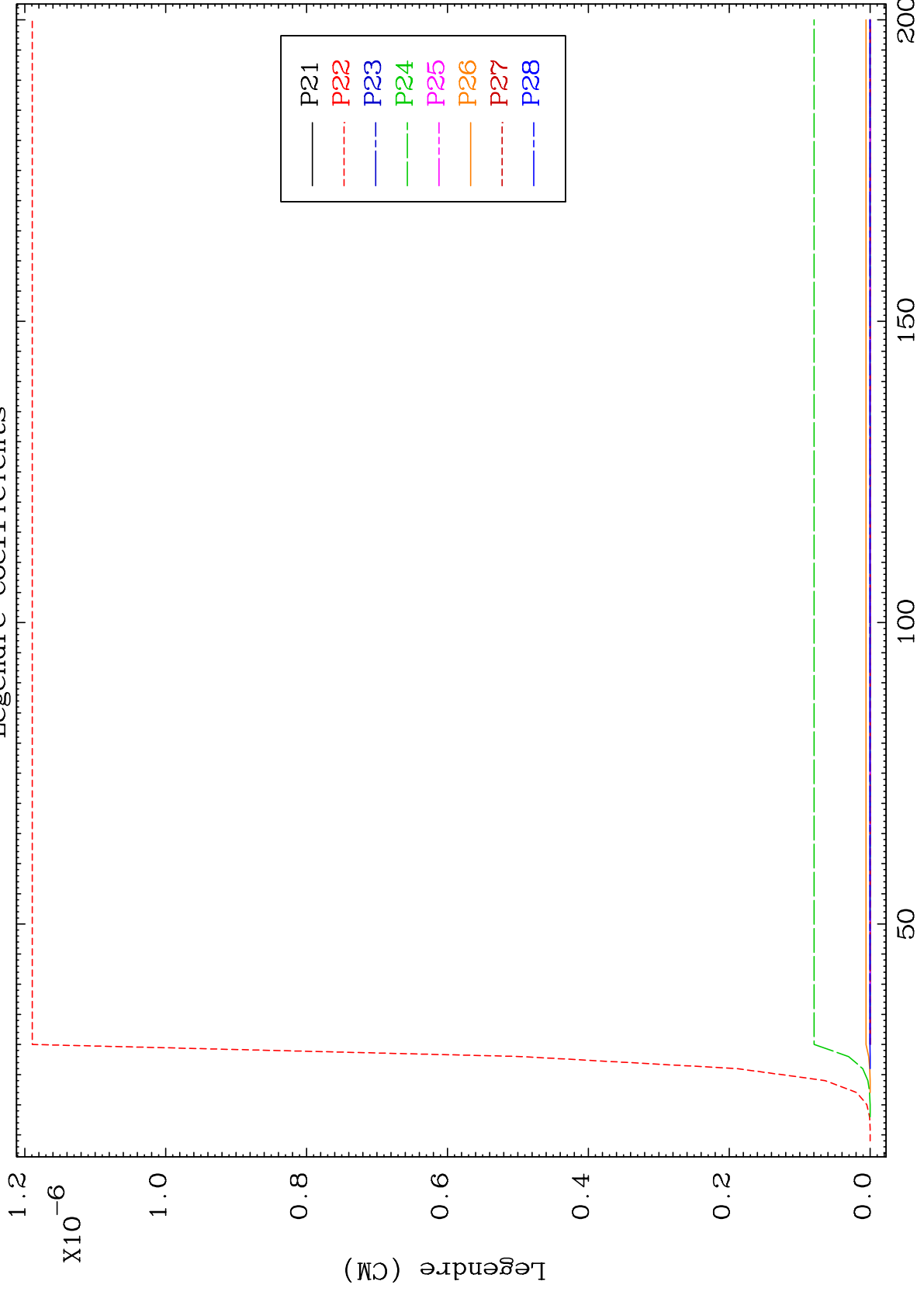


52

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 59 (n,n') Level Legendre Coefficients 44-Ru-102

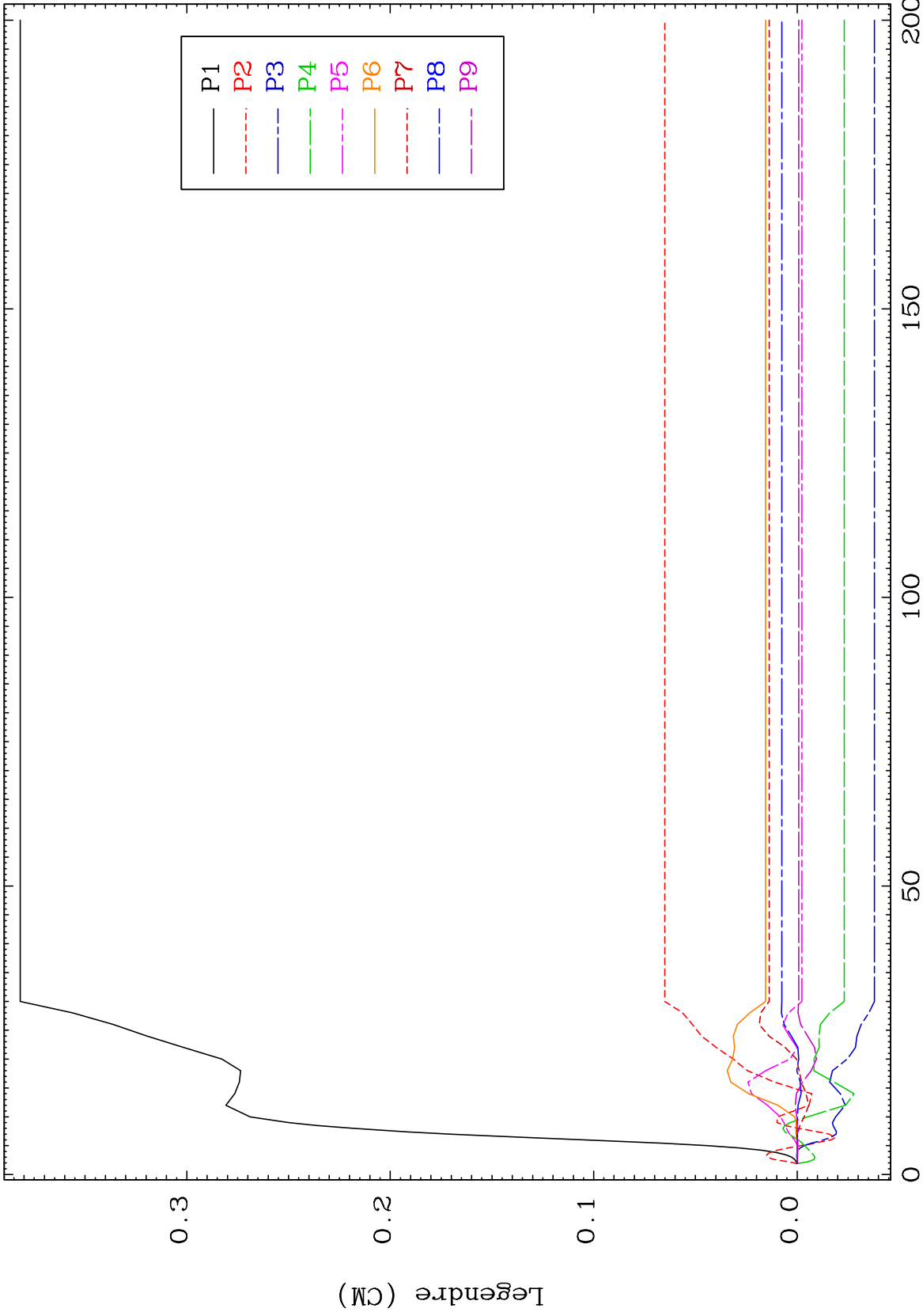


53 Incident Energy (MeV) 44-Ru-102

MAT 4443

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

44-Ru-102



54

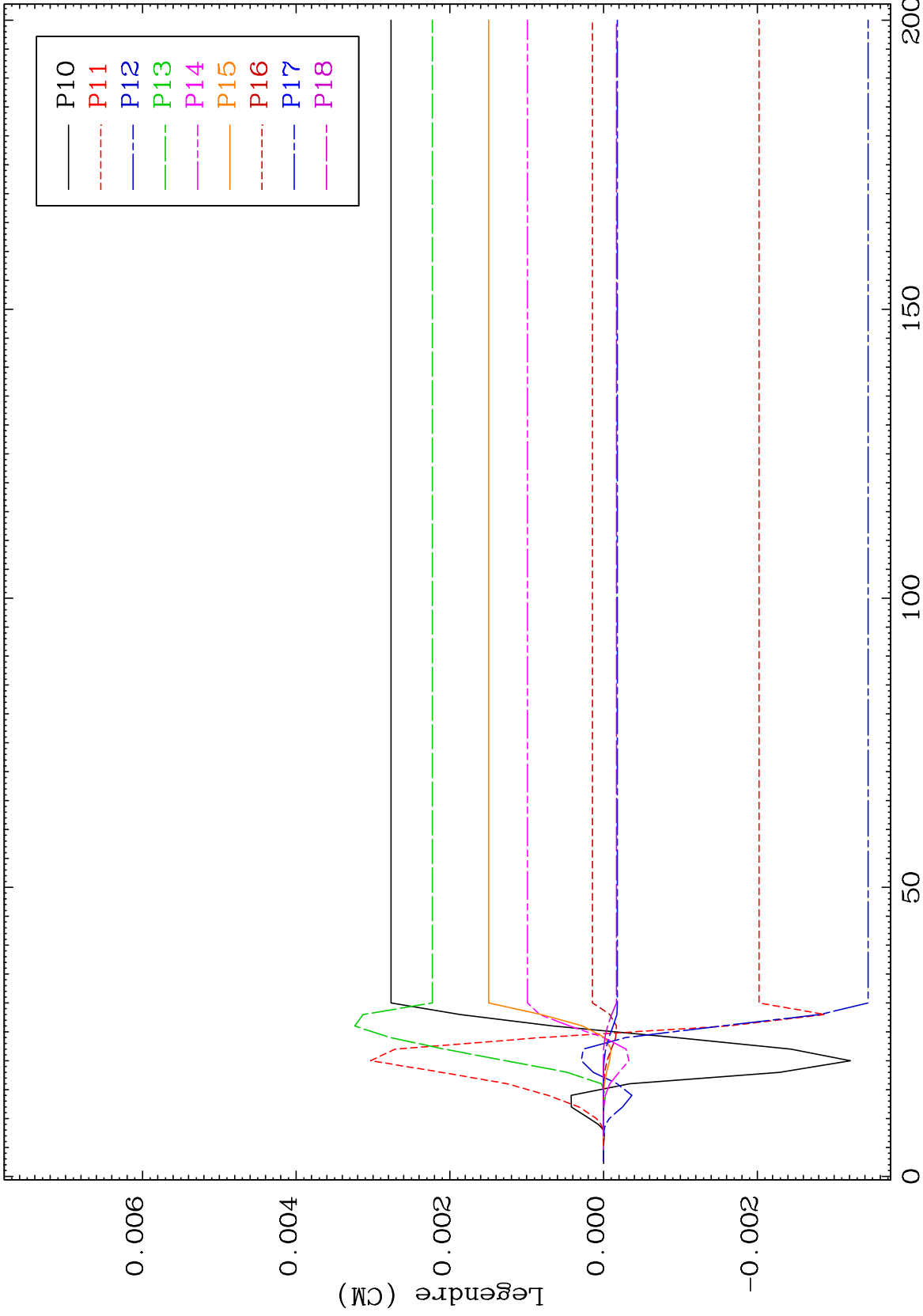
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



55

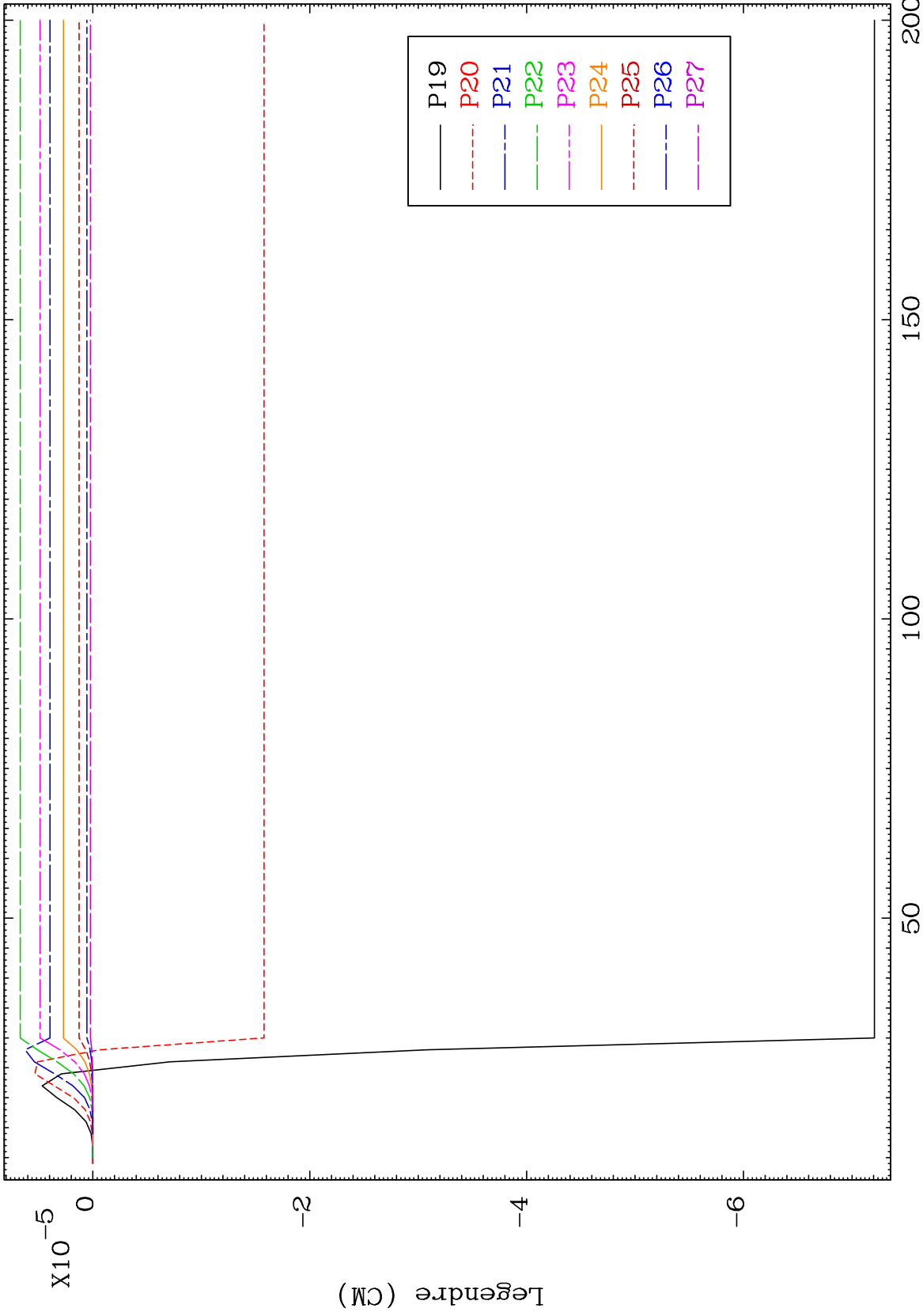
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



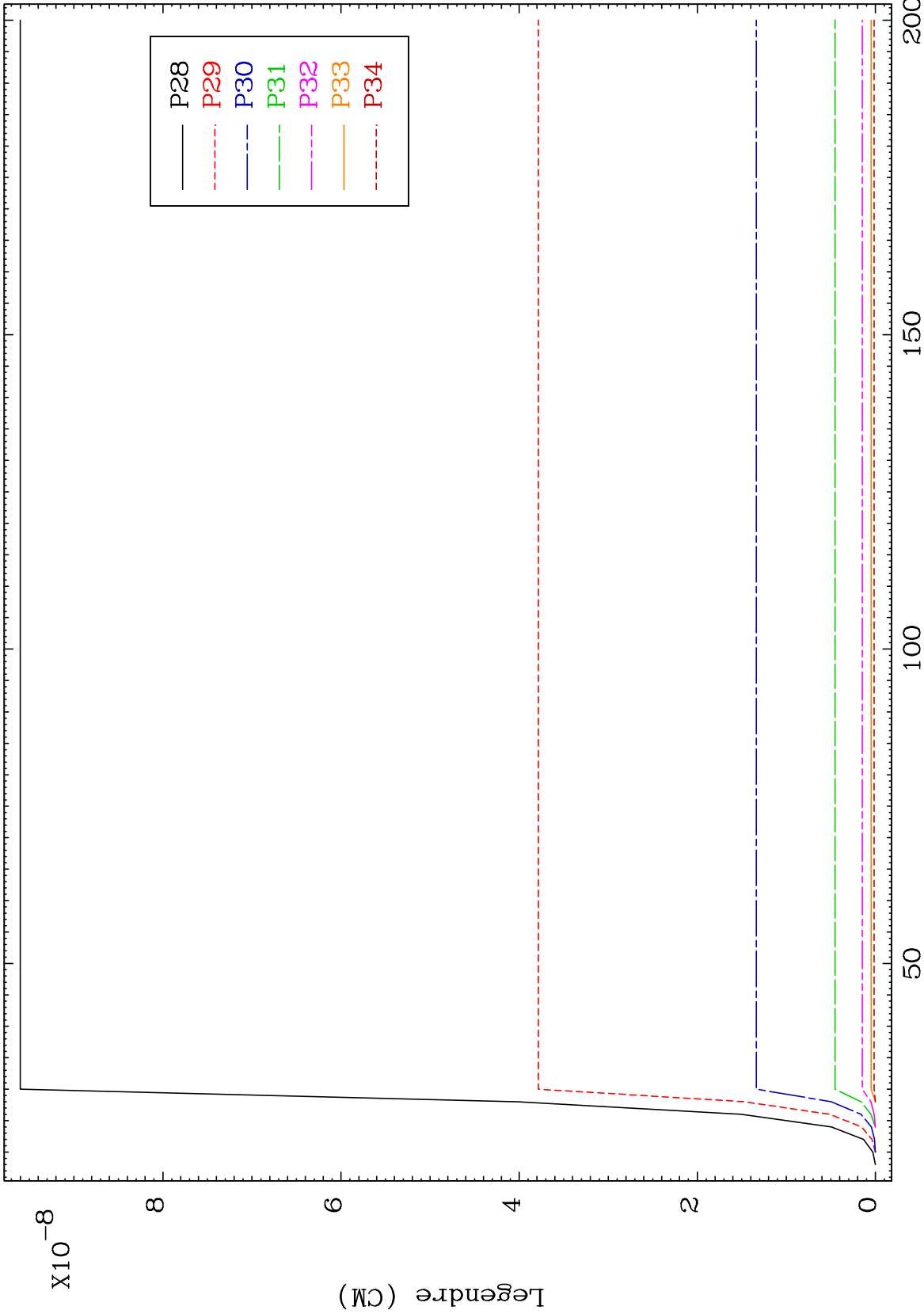
56

44-Ru-102

MAT 4443

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

44-Ru-102

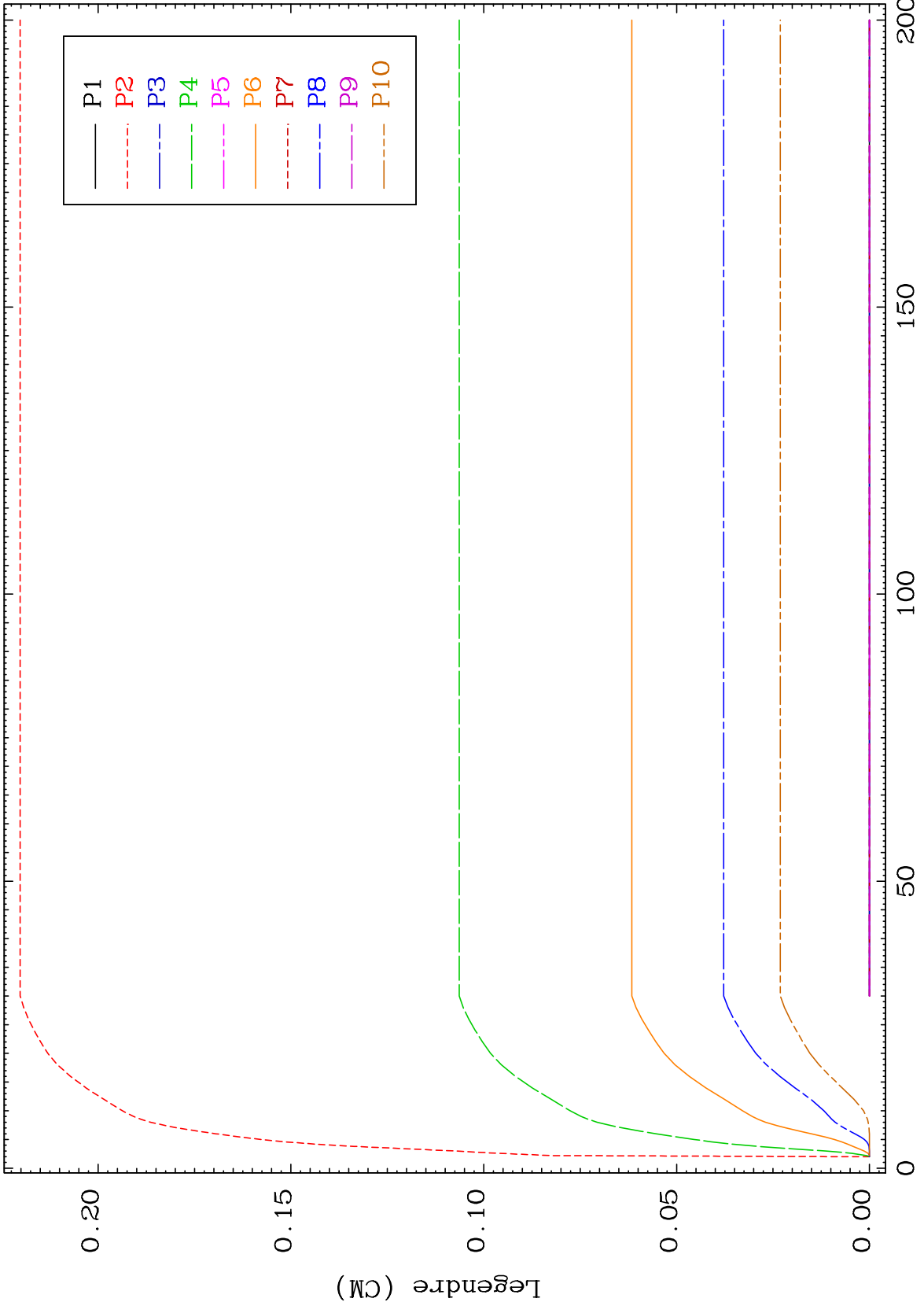


57

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-102

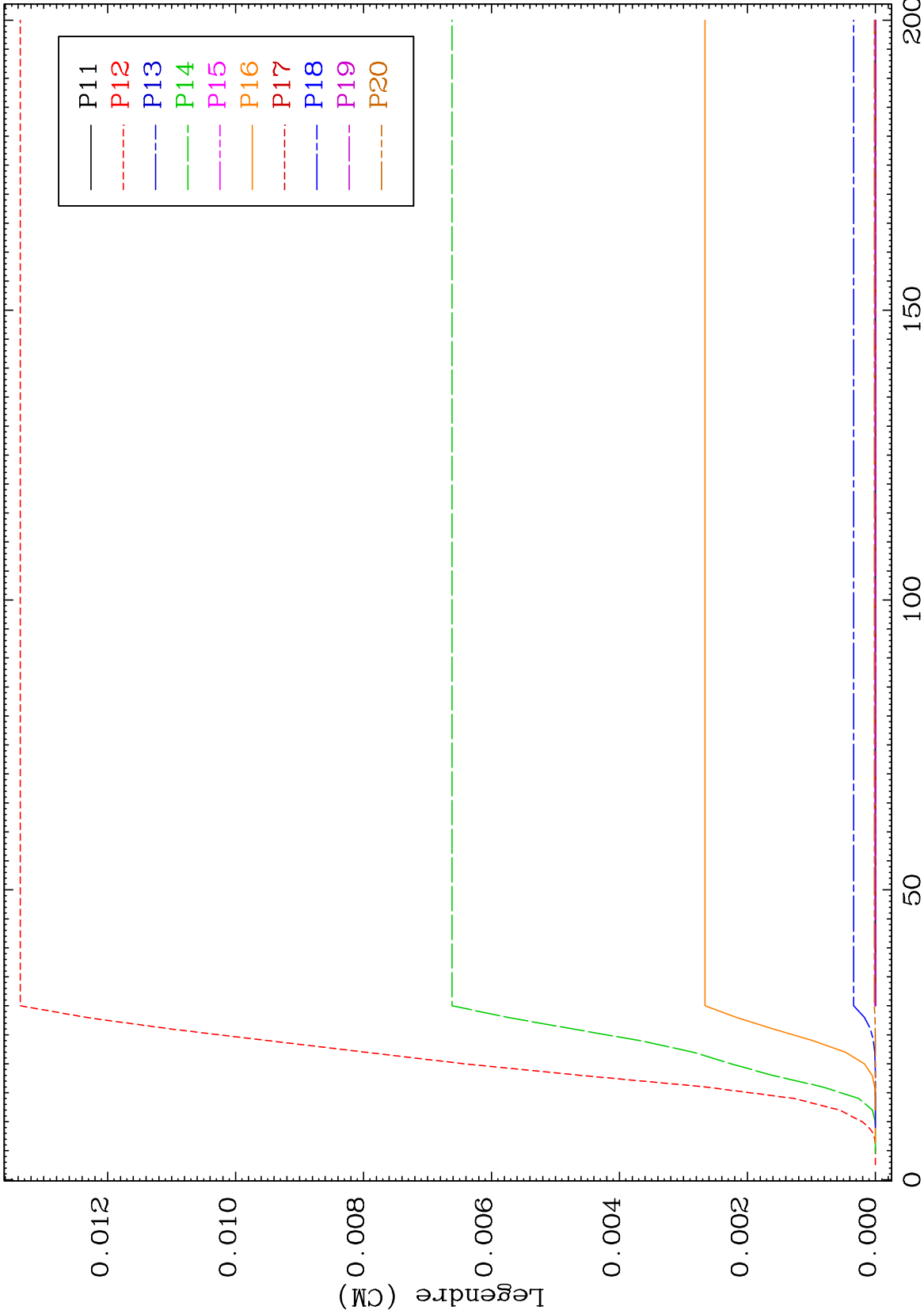


58 44-Ru-102

MAT 4443

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

44-Ru-102

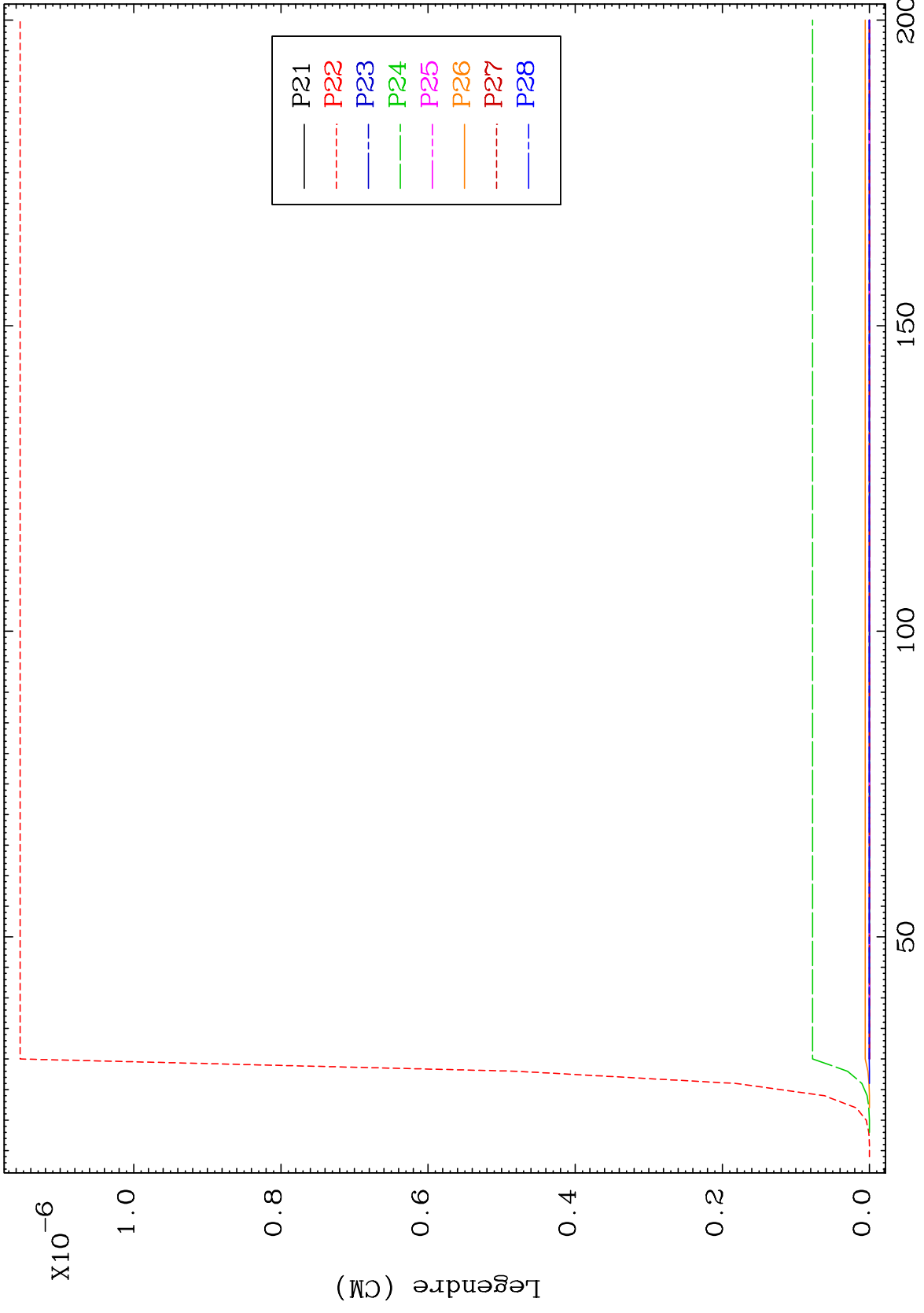


59

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-102

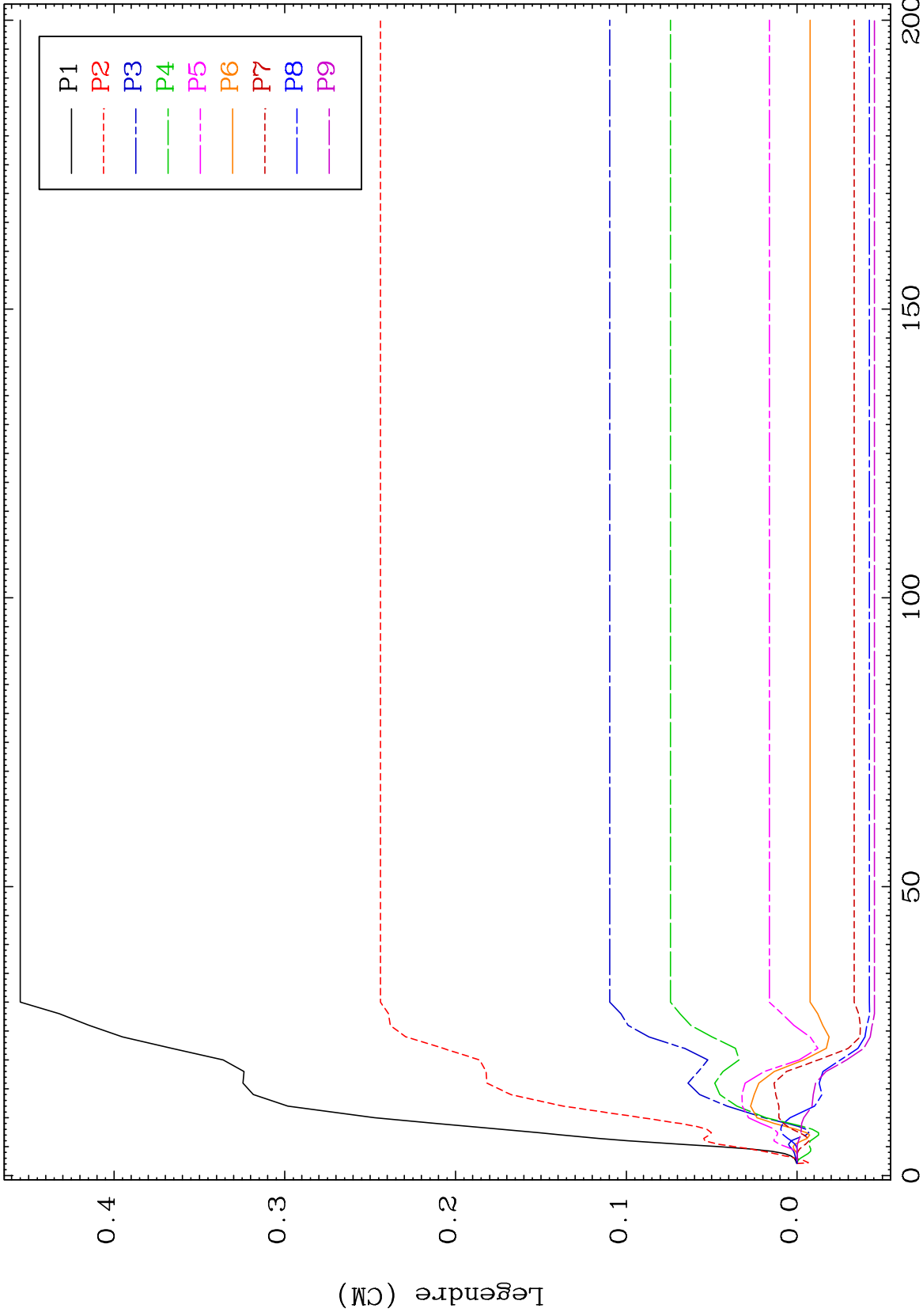


44-Ru-102

MAT 4443

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

44-Ru-102



61

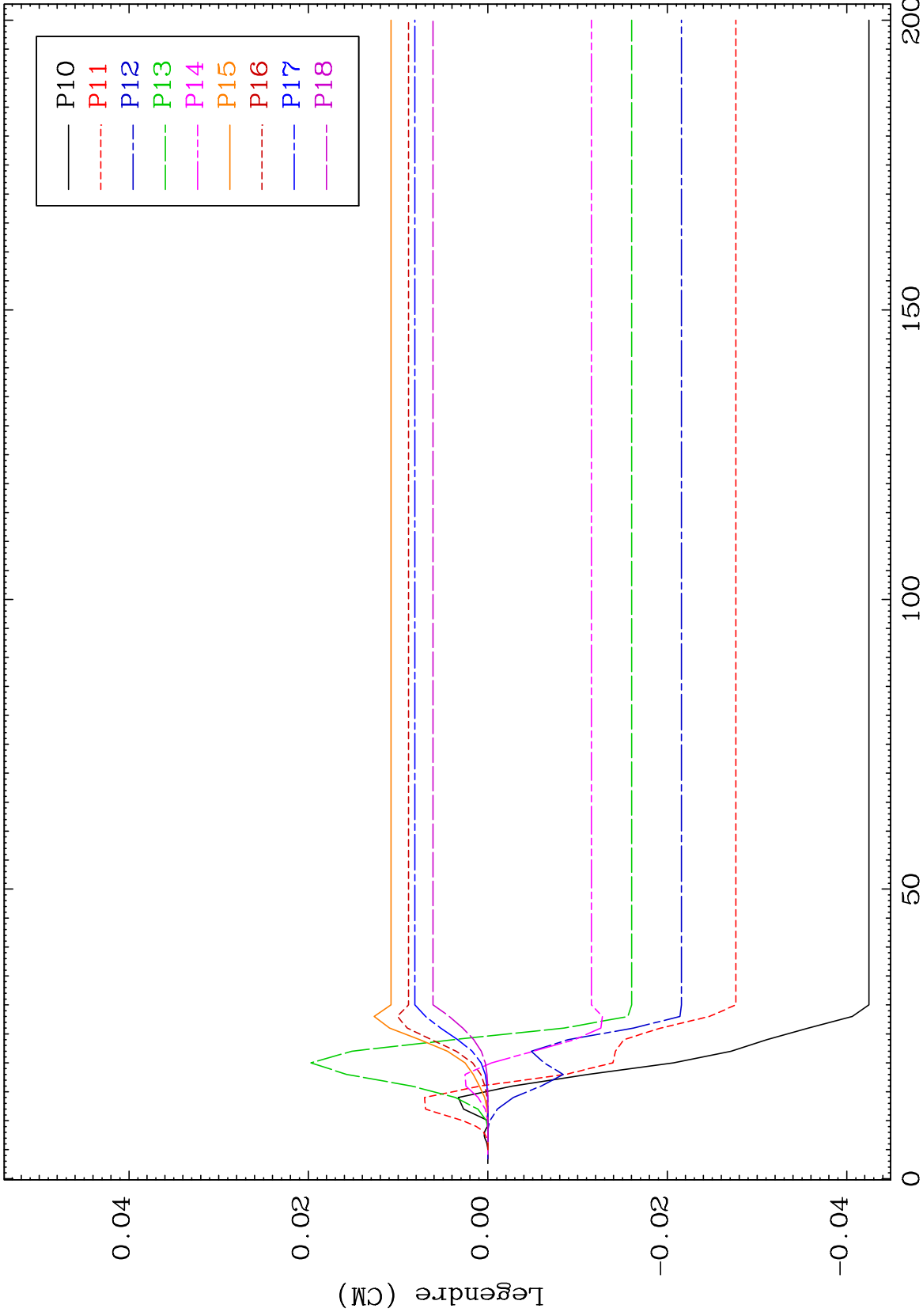
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



62

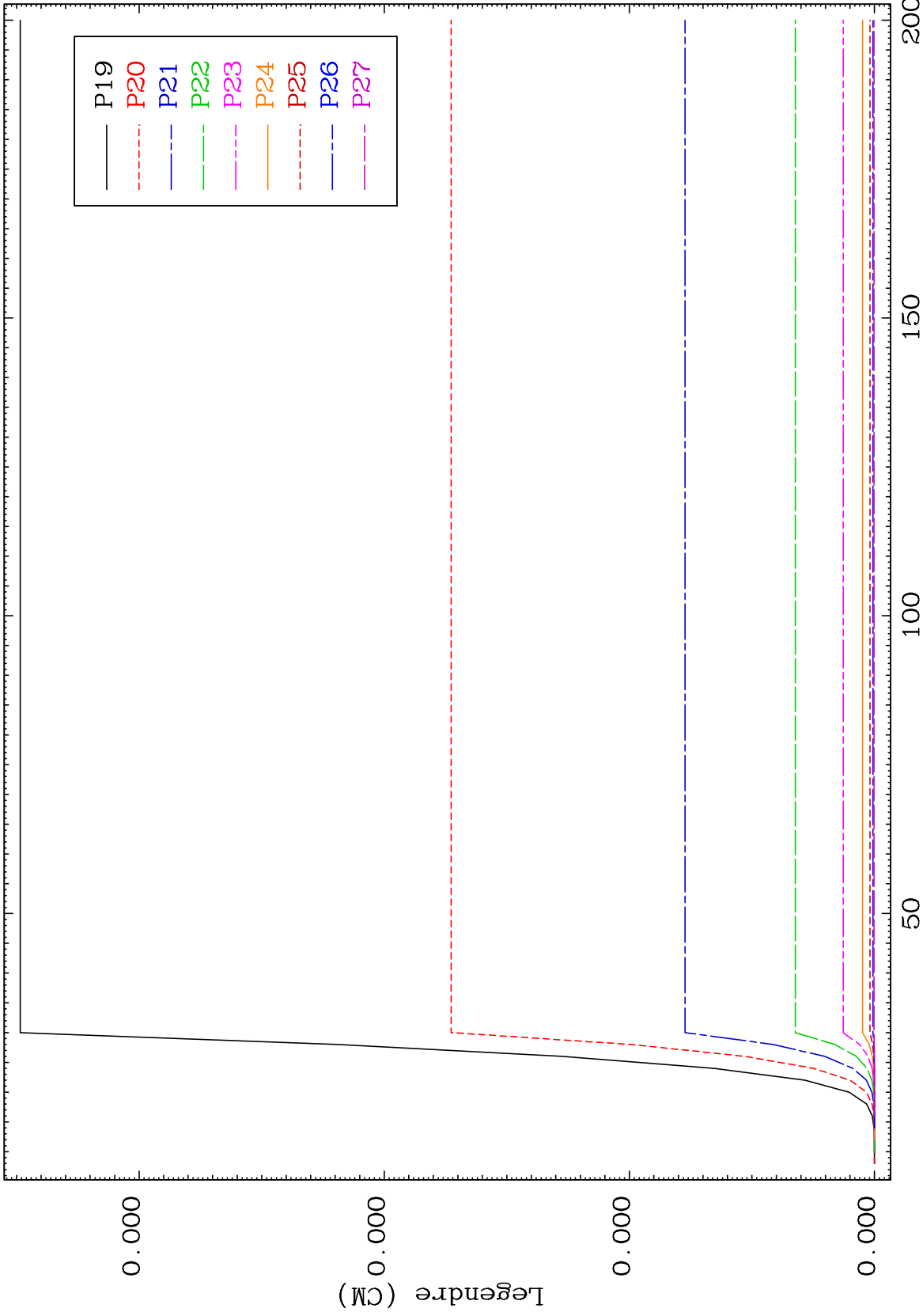
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



63

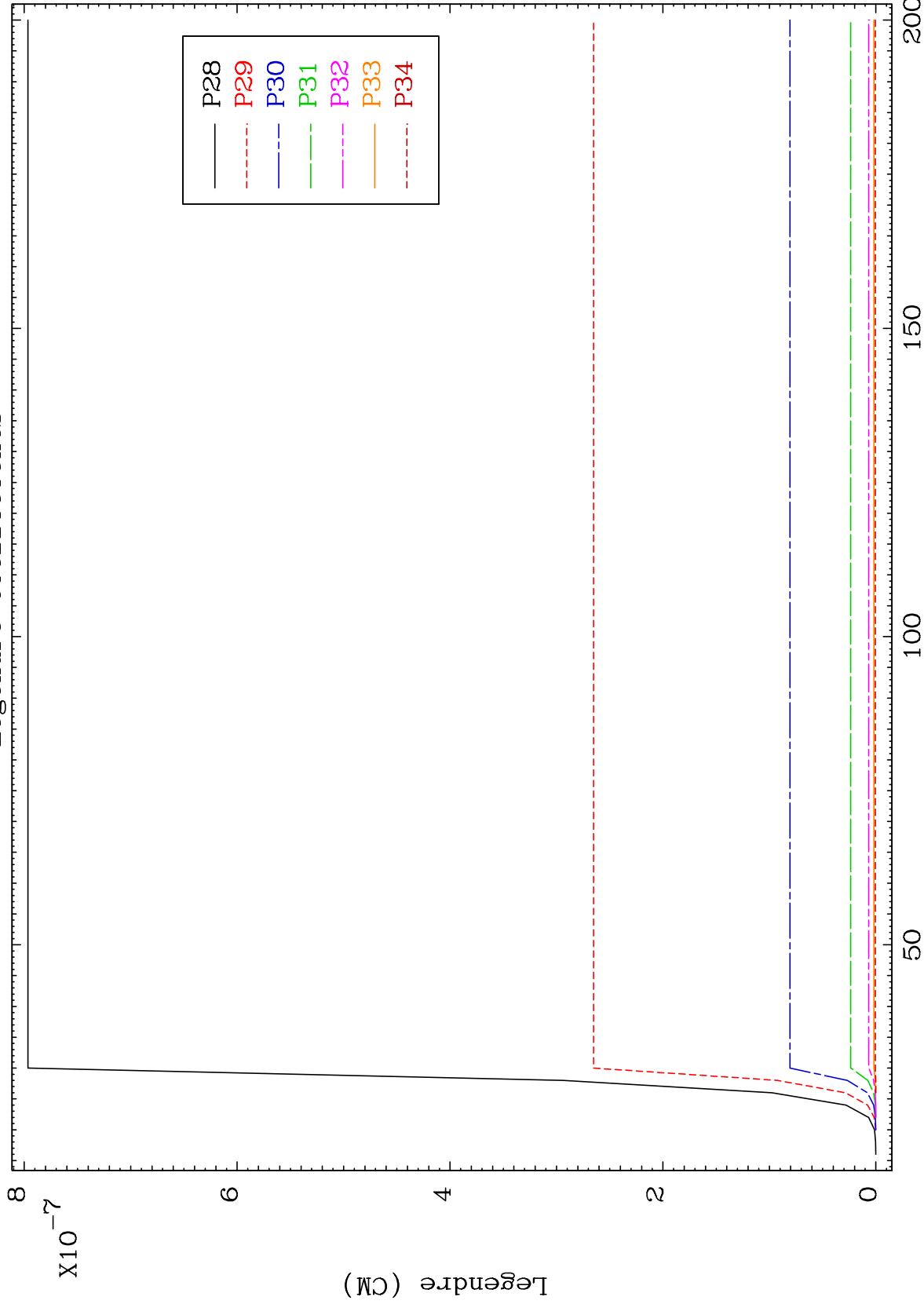
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



64

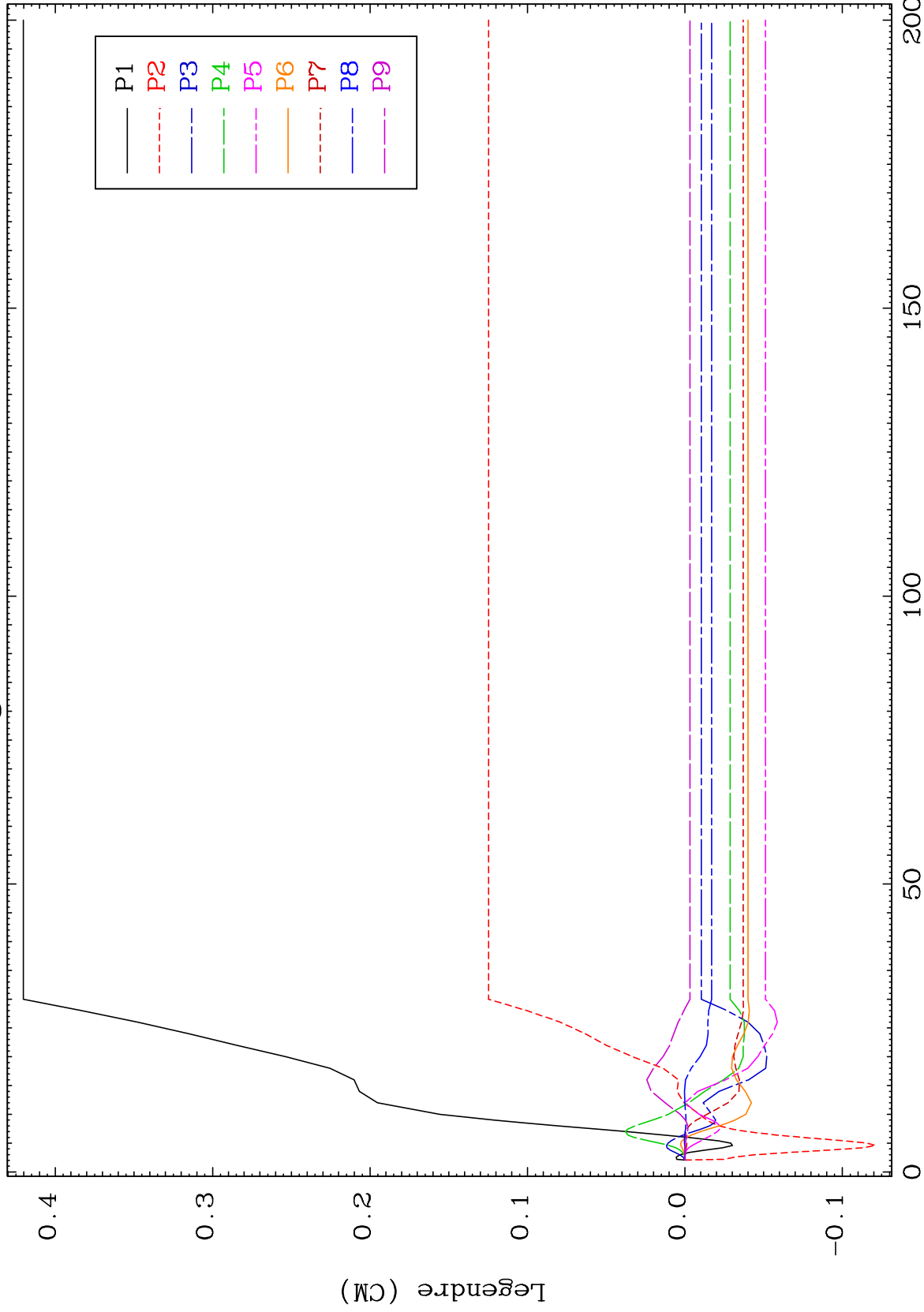
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



65

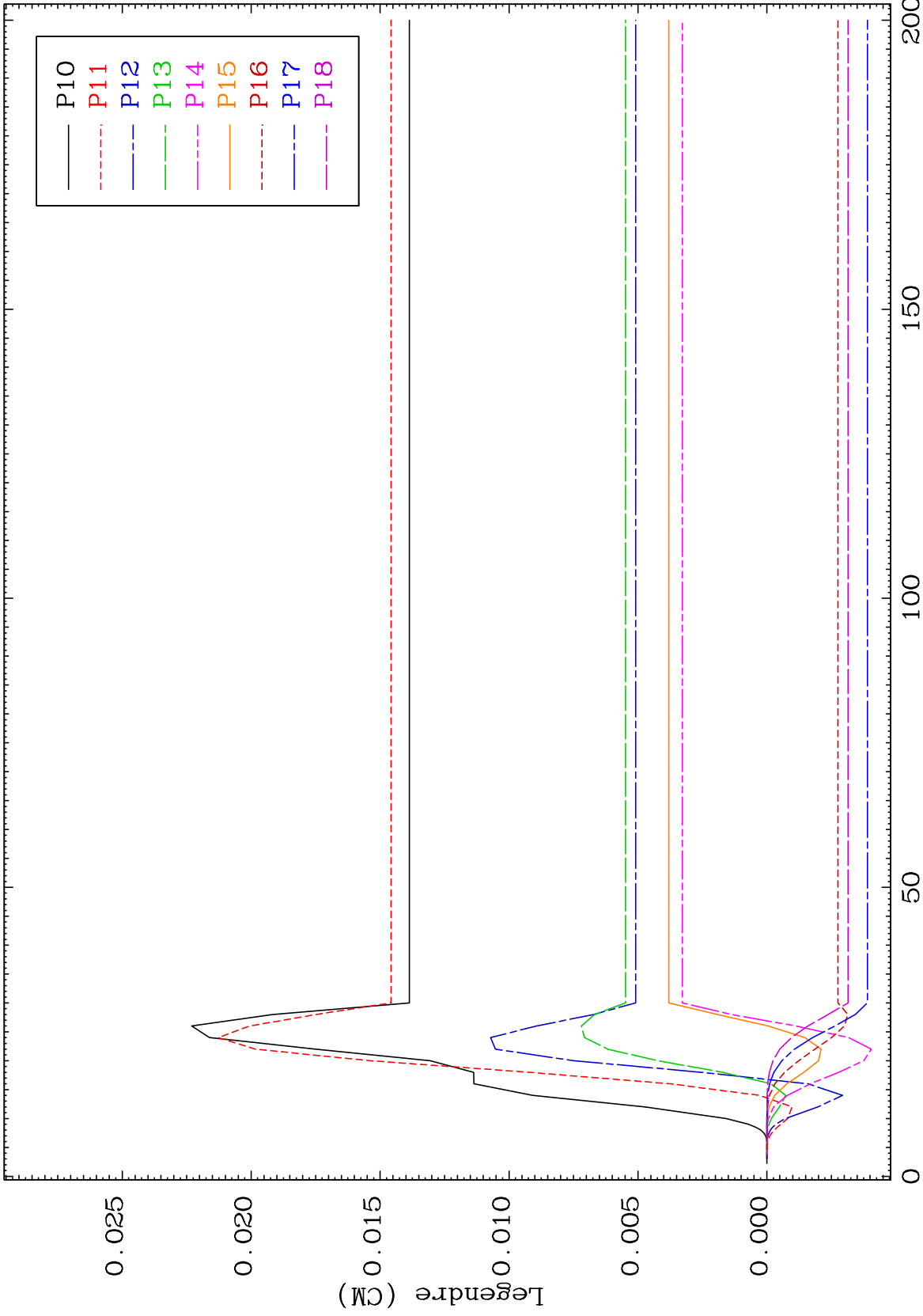
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

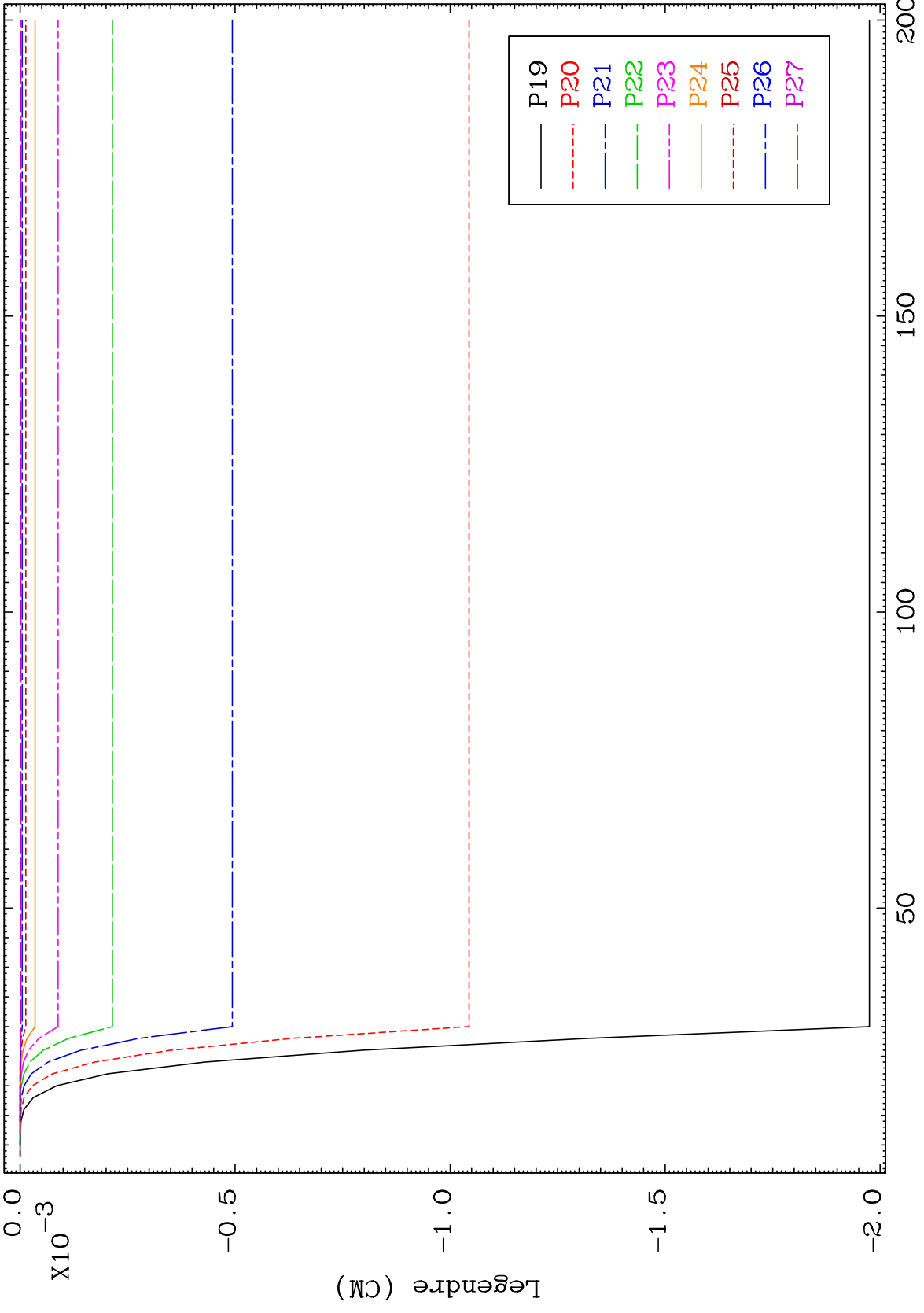
44-Ru-102



66

44-Ru-102

MAT 4443 MT= 63 (n,n') Level Legendre Coefficients 44-Ru-102

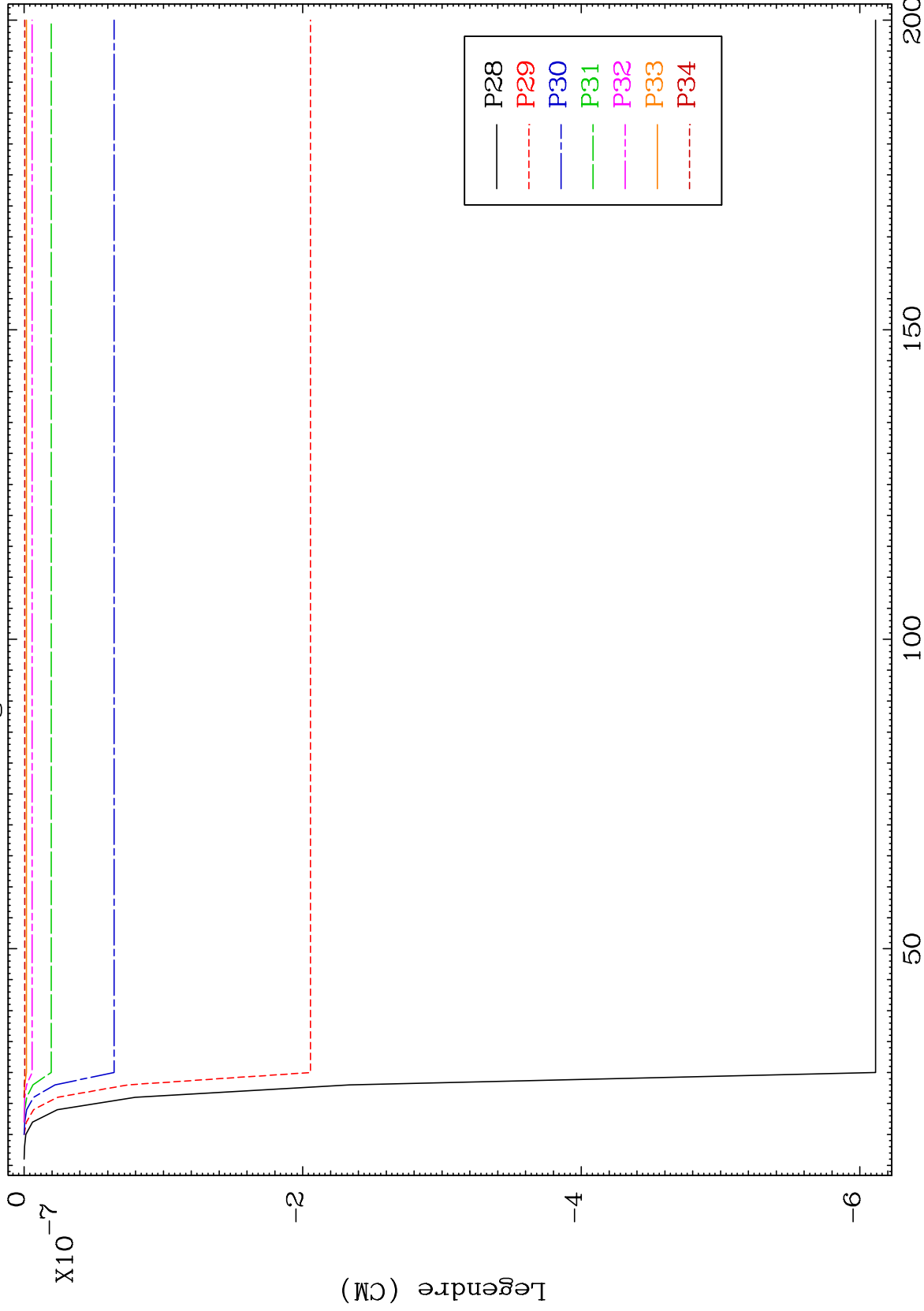


67 44-Ru-102

MAT 4443

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

44-Ru-102



68

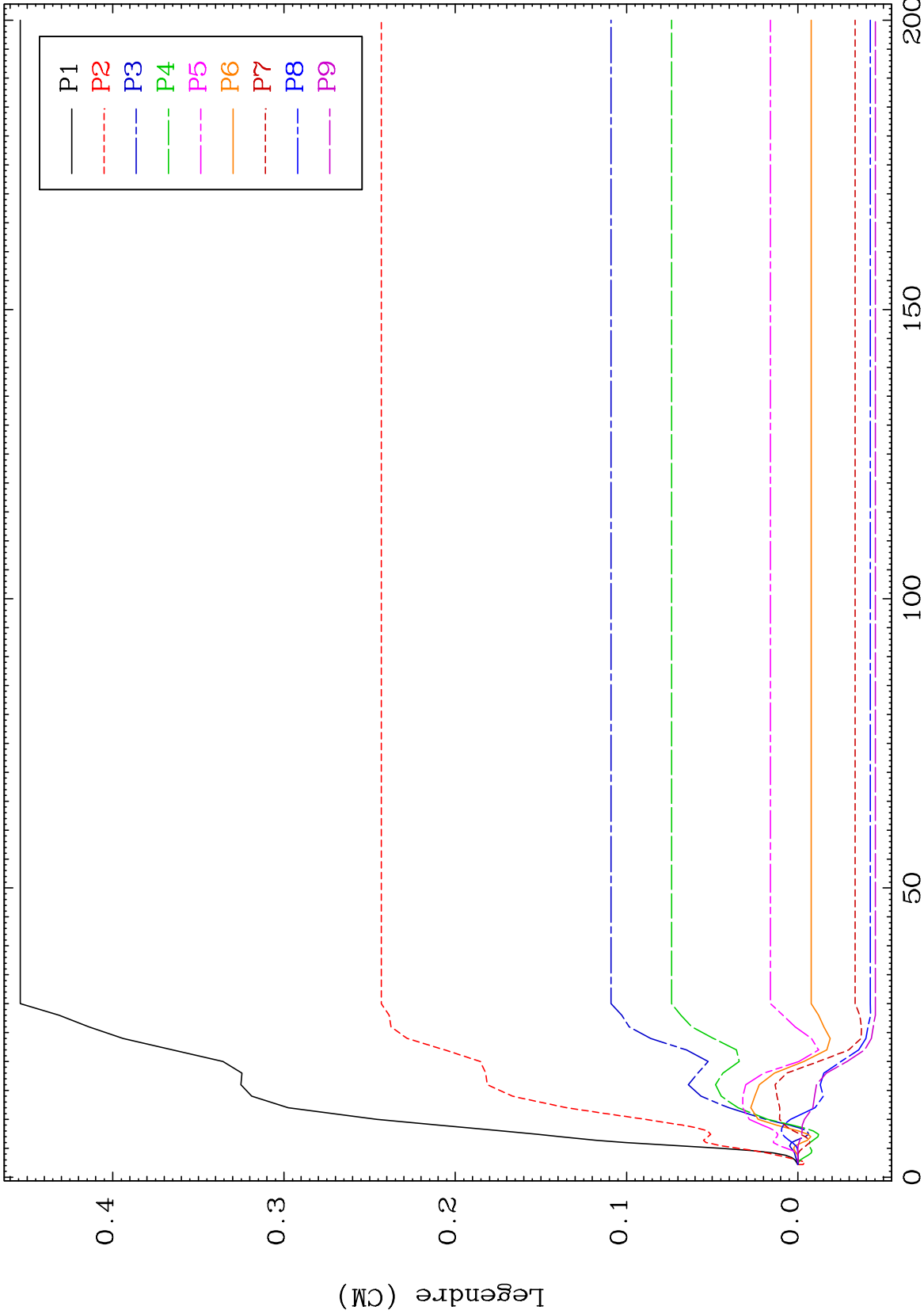
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



69

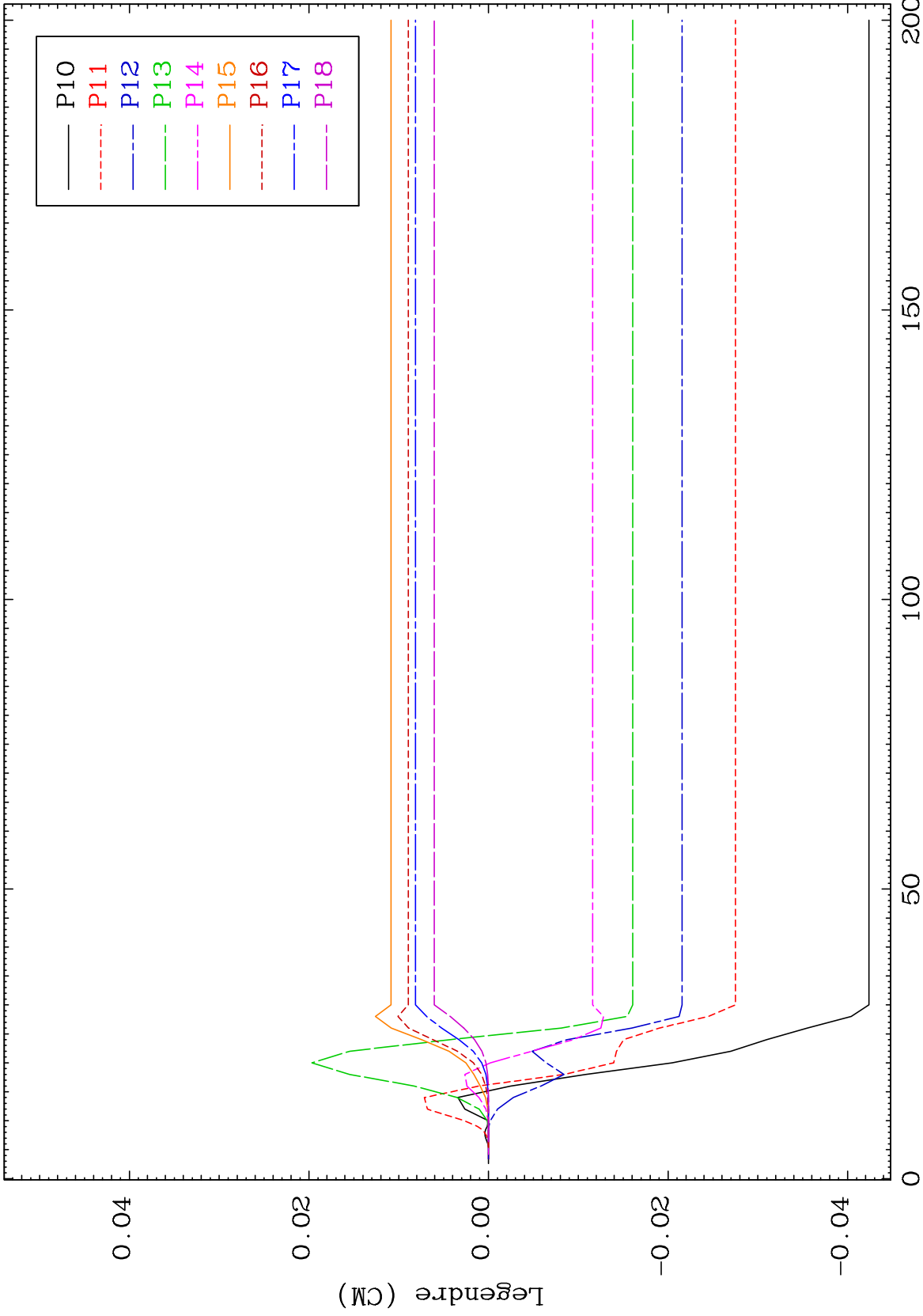
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



70

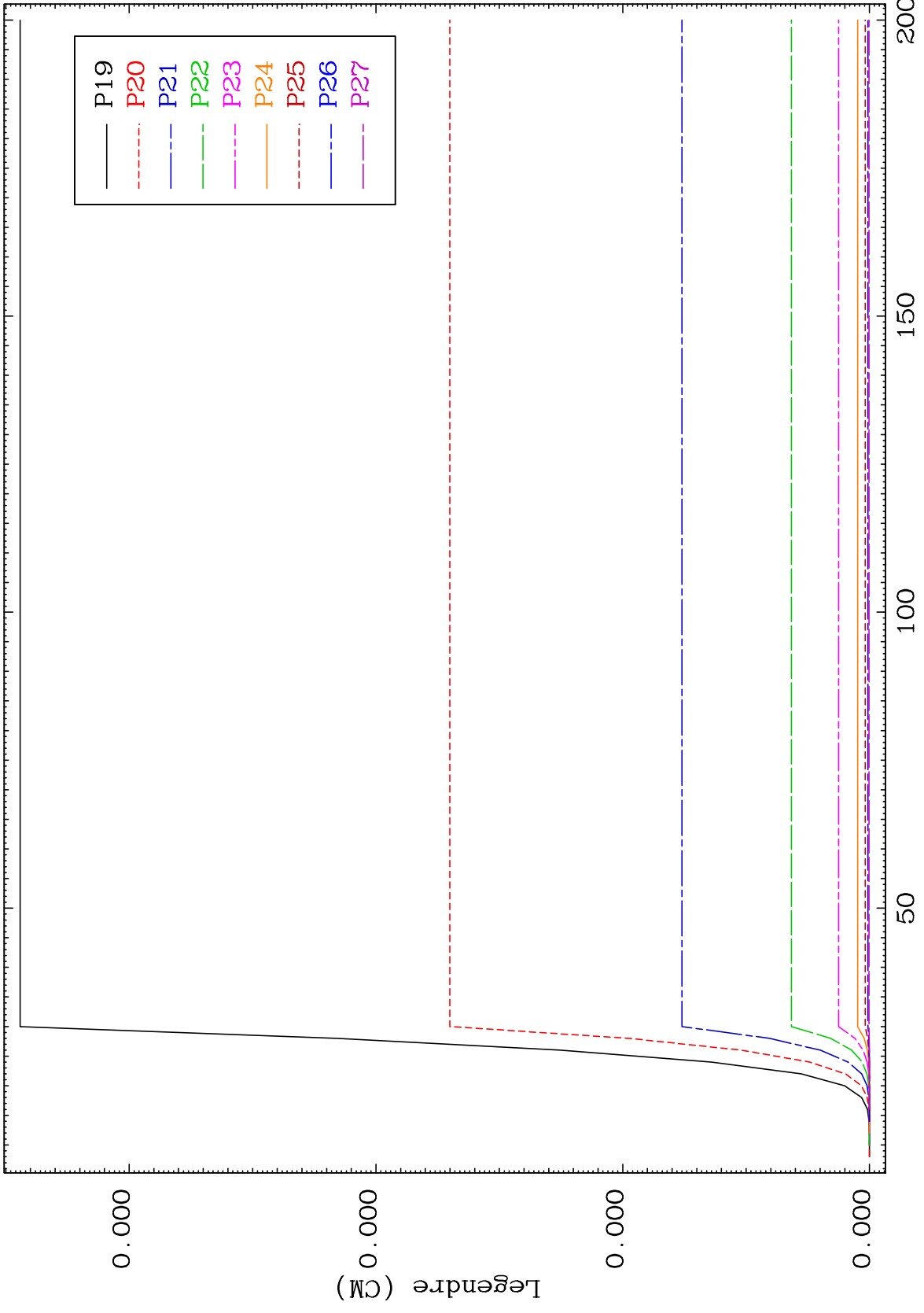
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

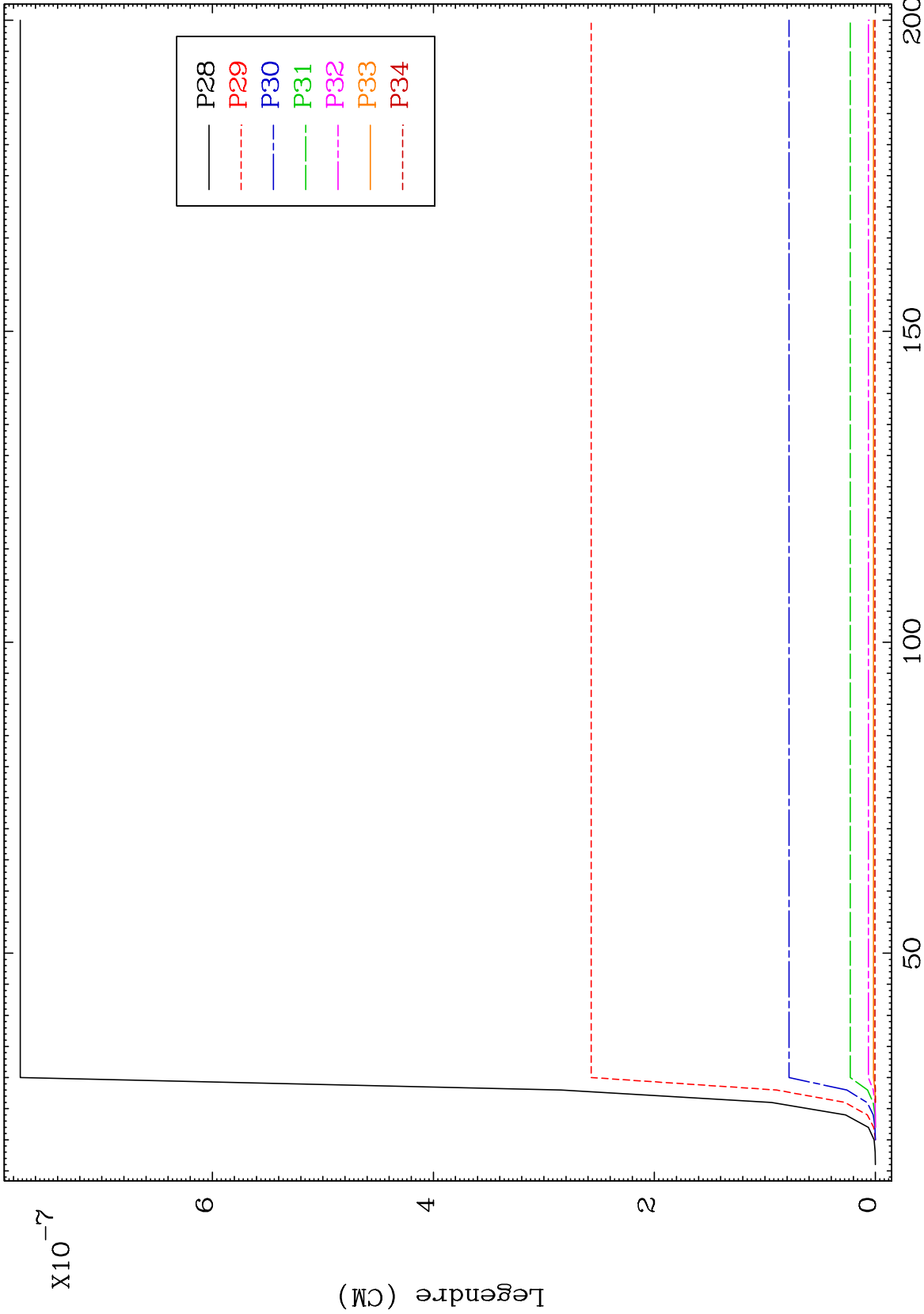
44-Ru-102



MAT 4443

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

44-Ru-102



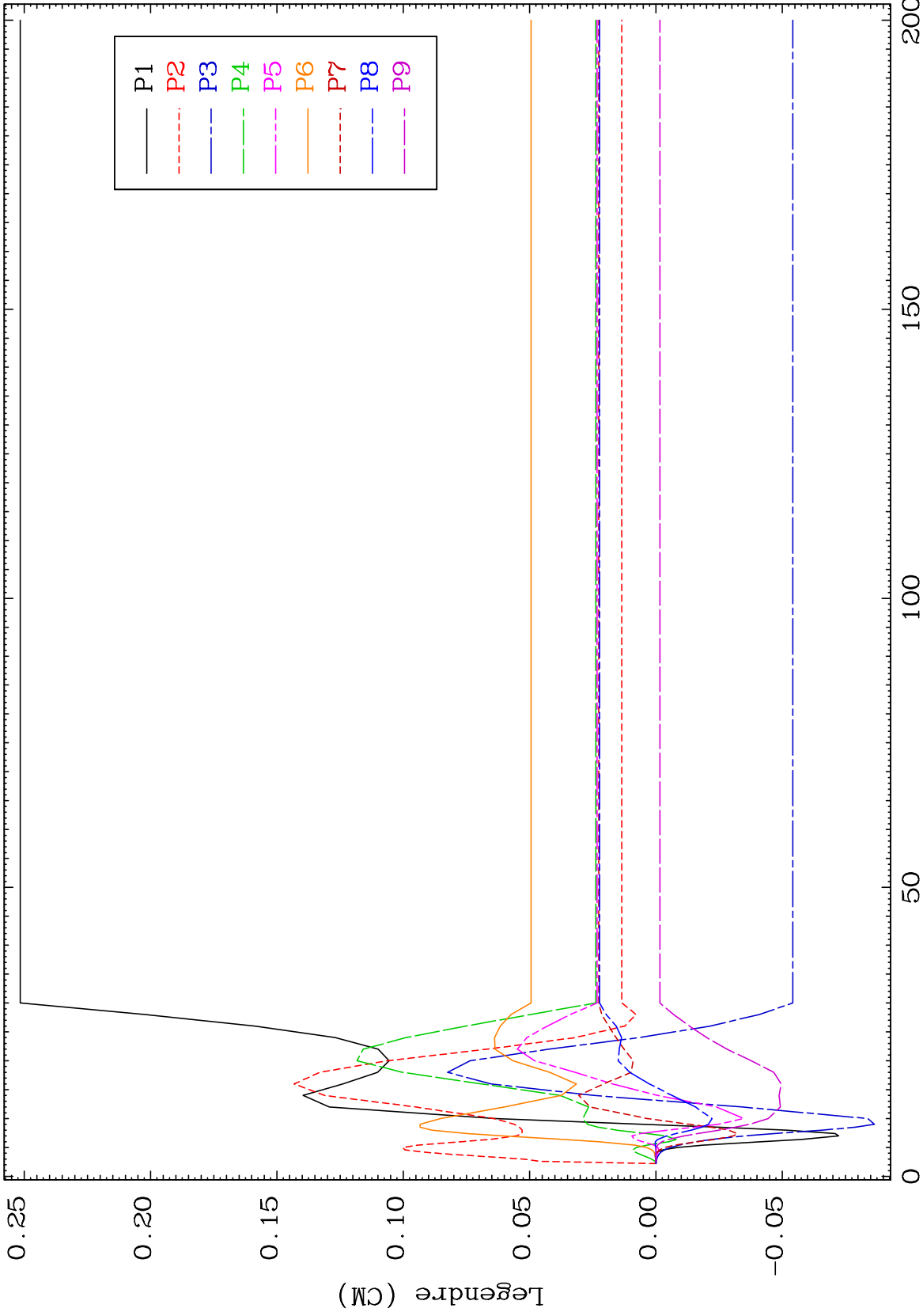
72

44-Ru-102

MAT 4443

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

44-Ru-102



73

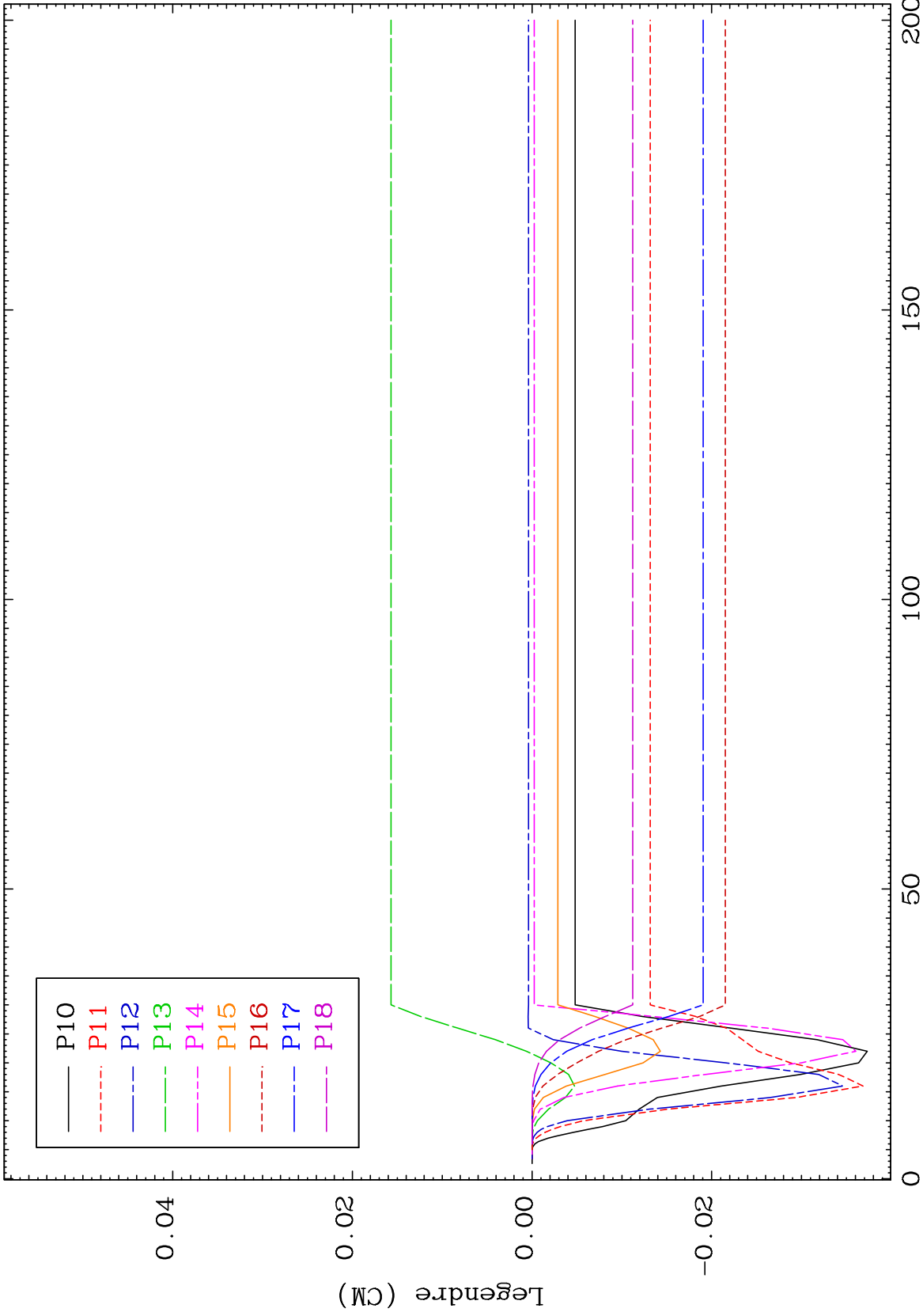
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

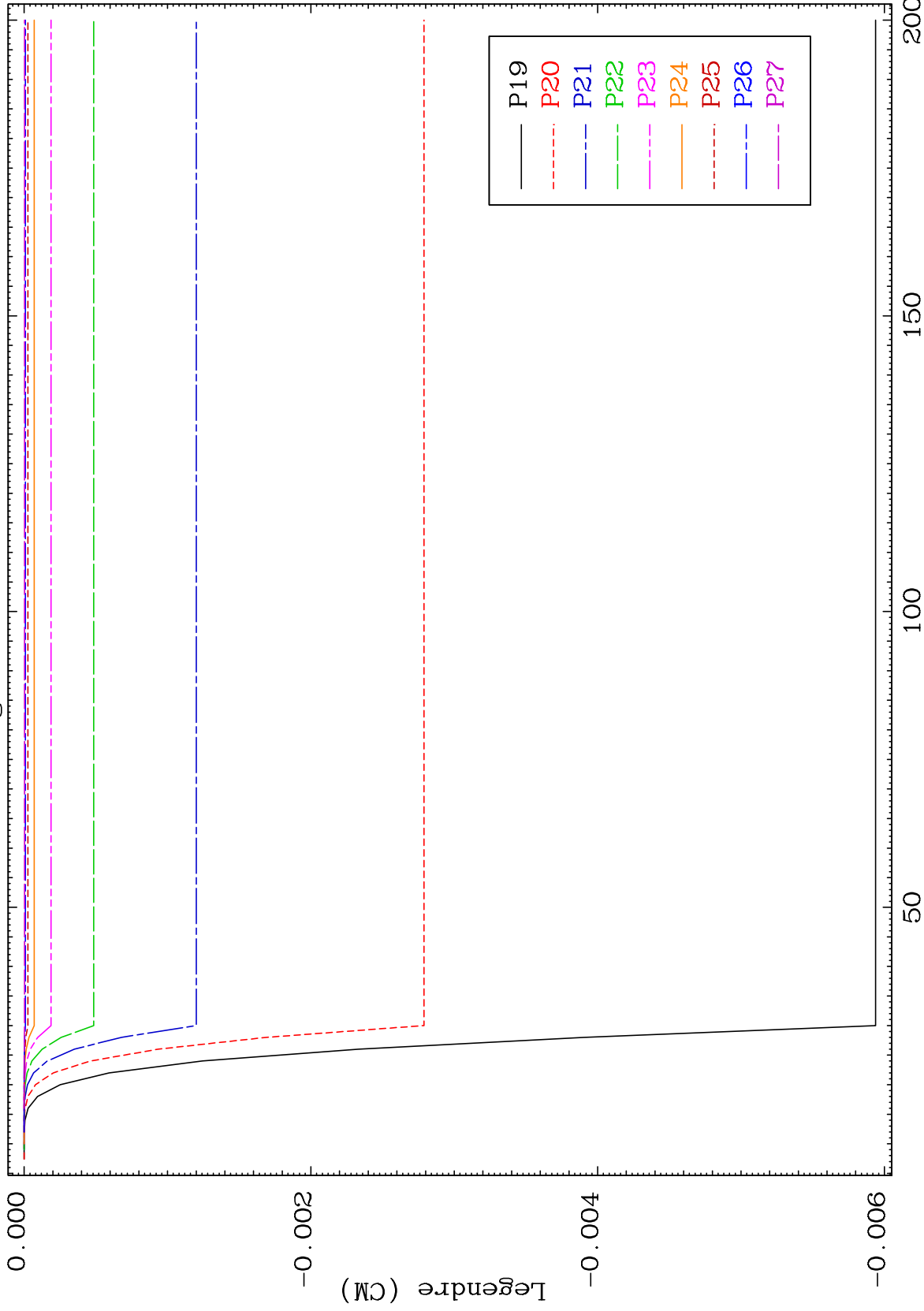


74

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 65 (n,n') Level Legendre Coefficients 44-Ru-102

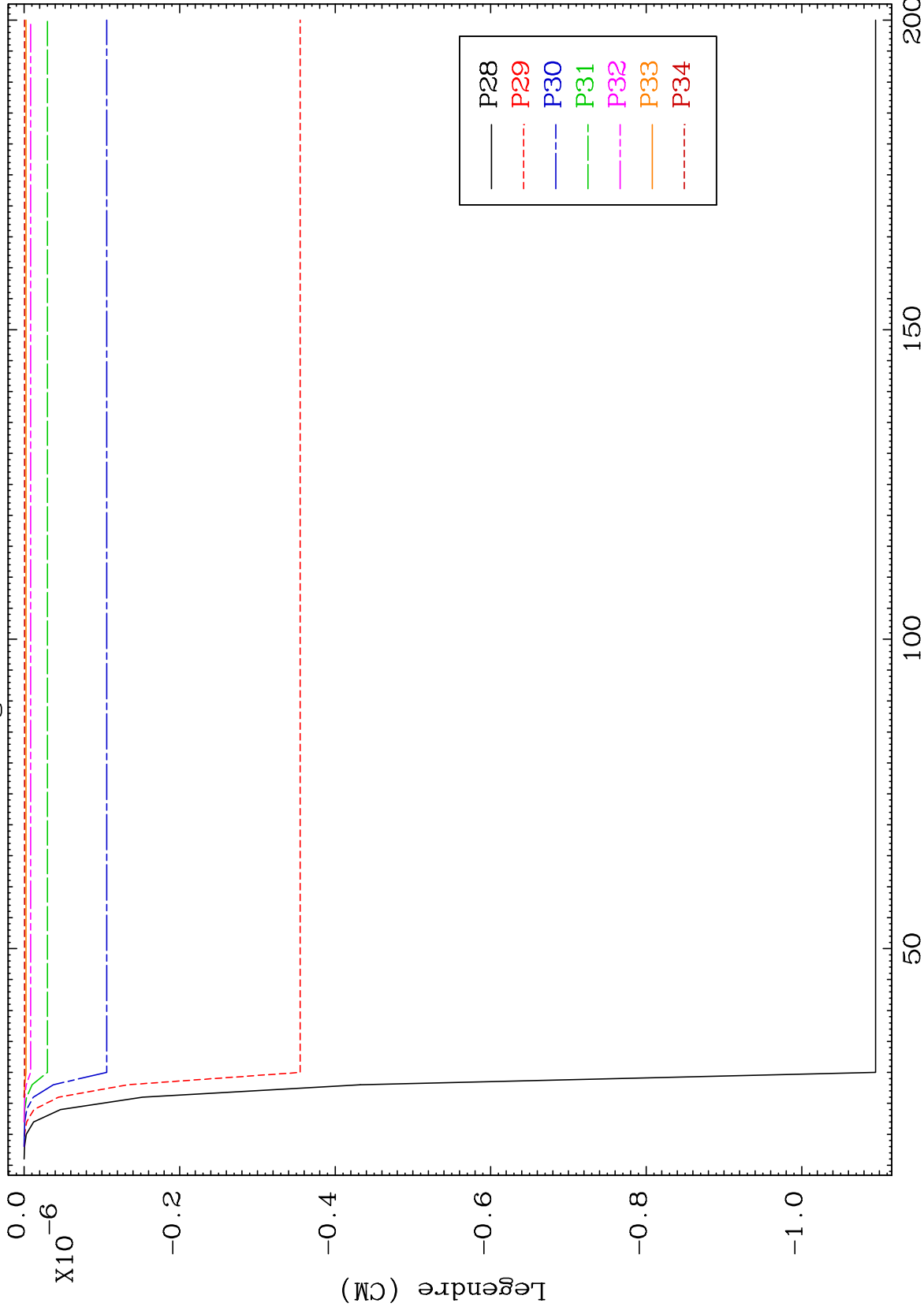


75 Incident Energy (MeV) 44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

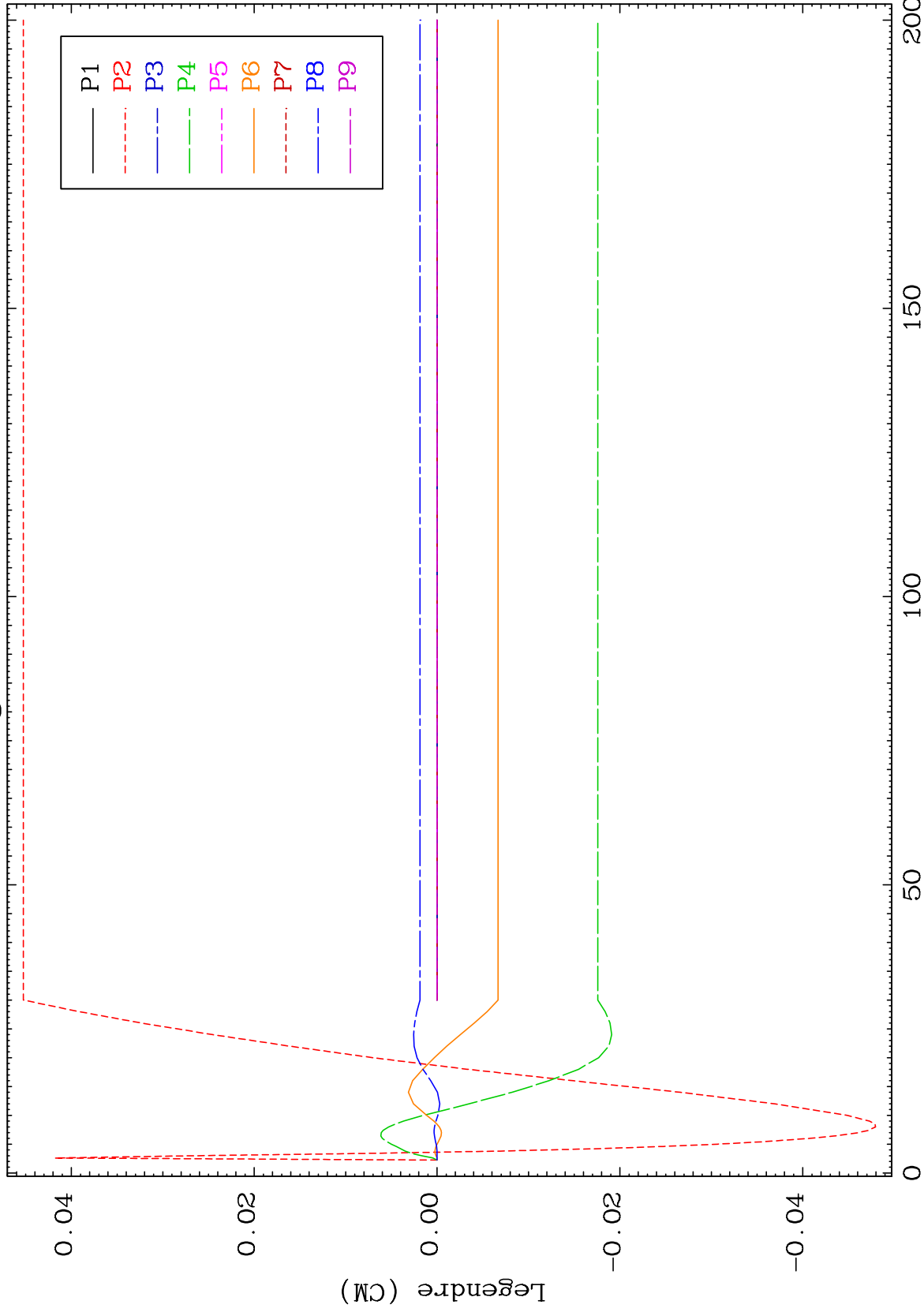
Incident Energy (MeV)

76

MAT 4443

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

44-Ru-102



77

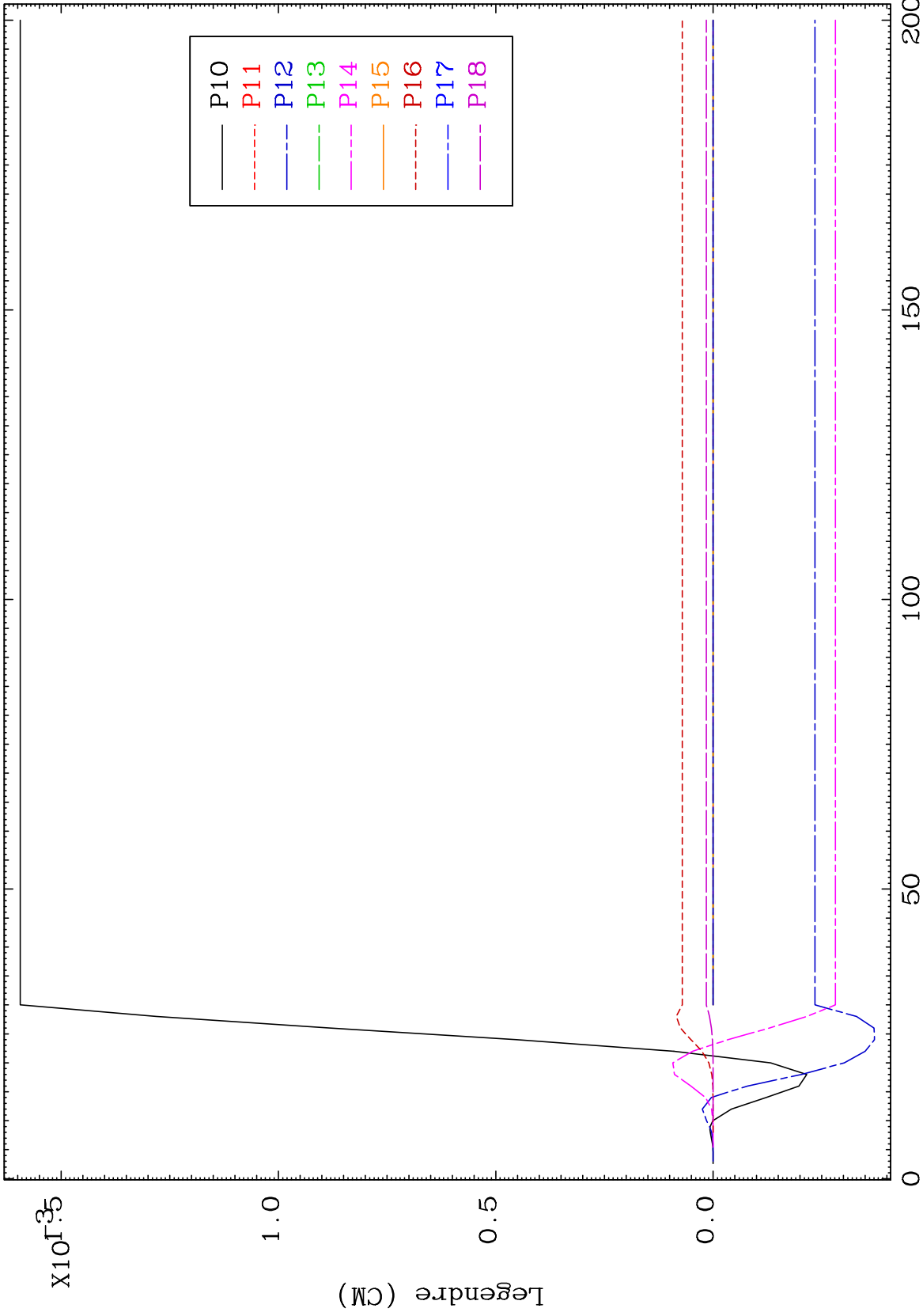
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



78

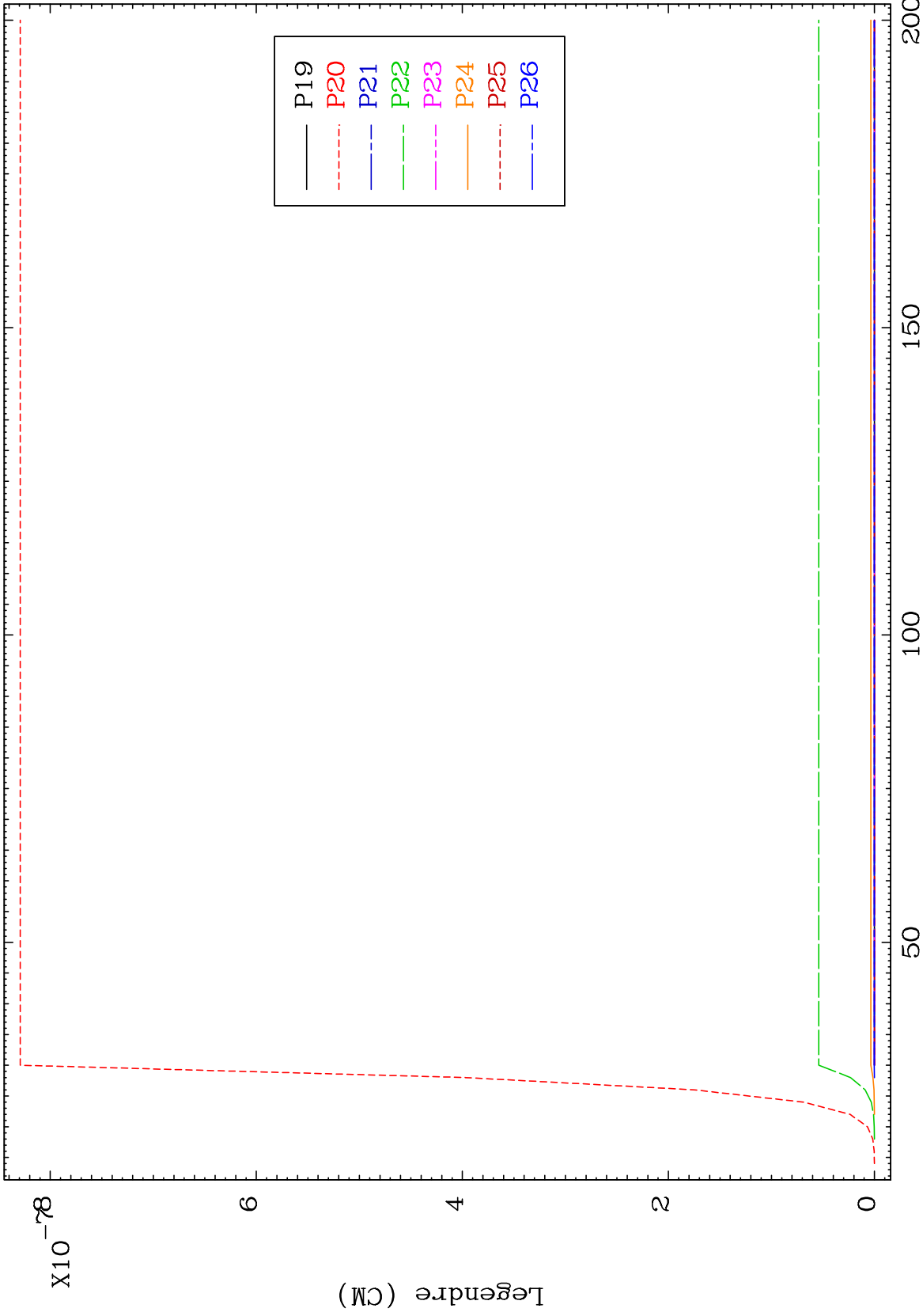
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



79

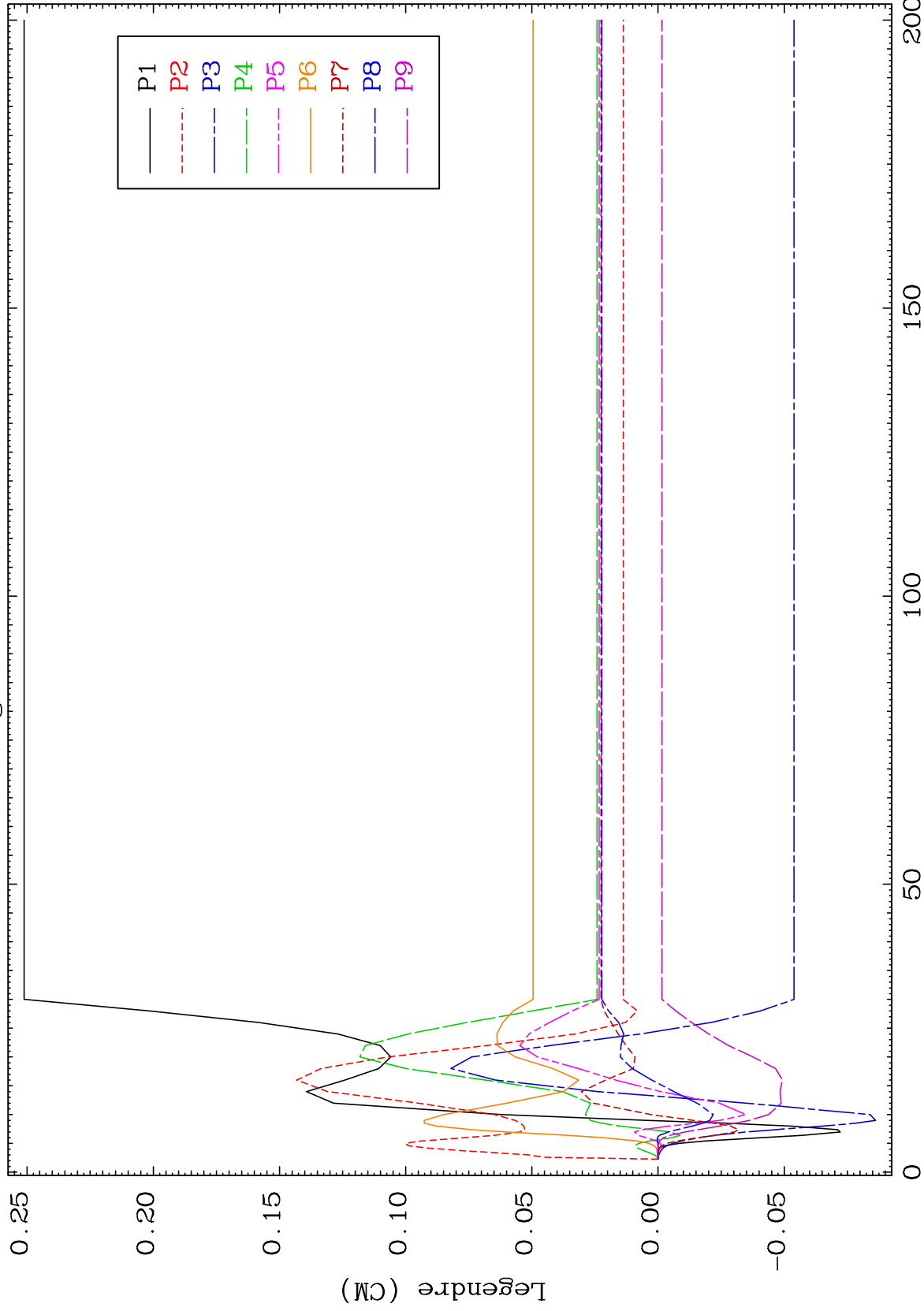
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

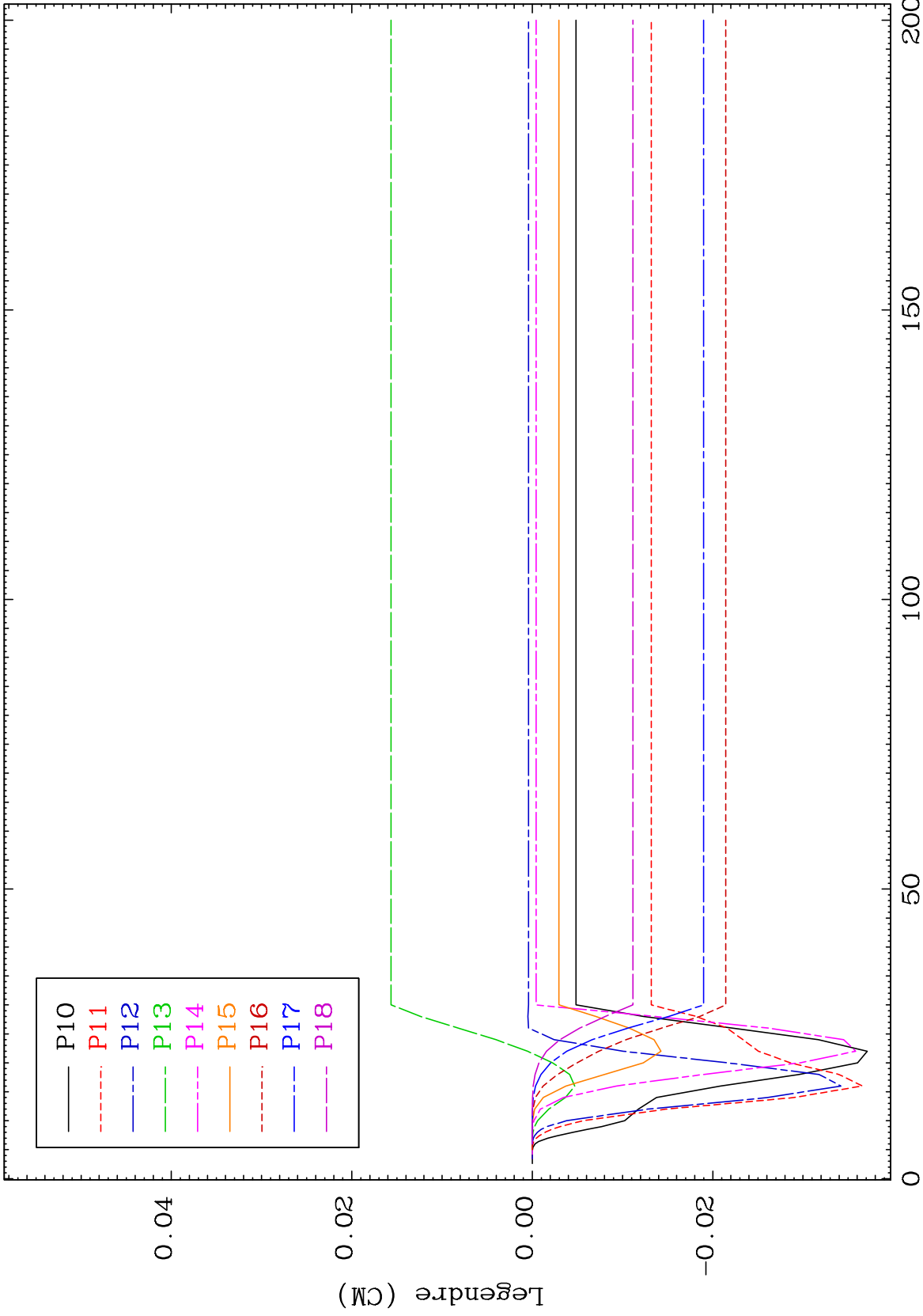
Incident Energy (MeV)

80

MAT 4443

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

44-Ru-102

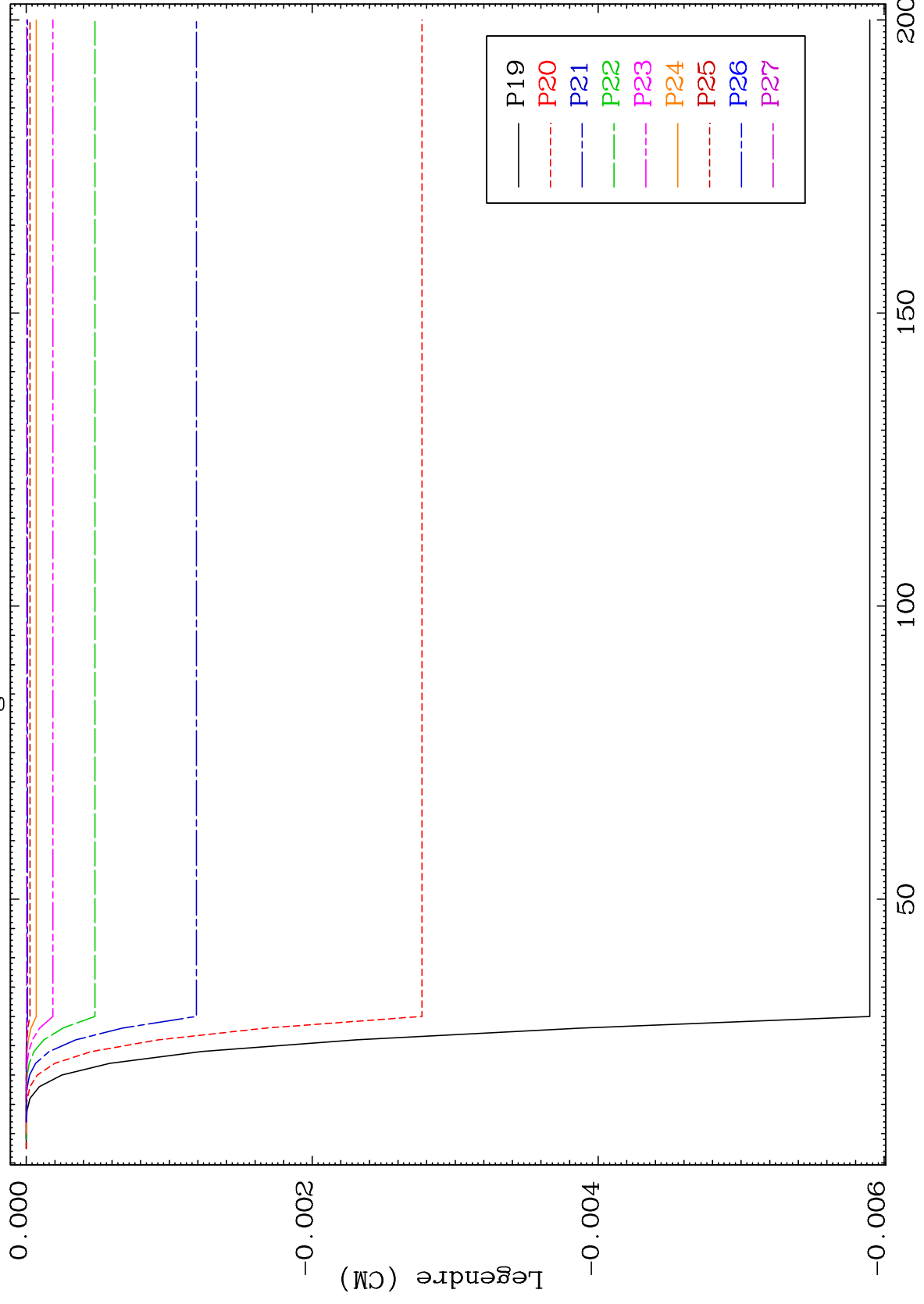


81

Incident Energy (MeV)

44-Ru-102

MAT 4443 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-102

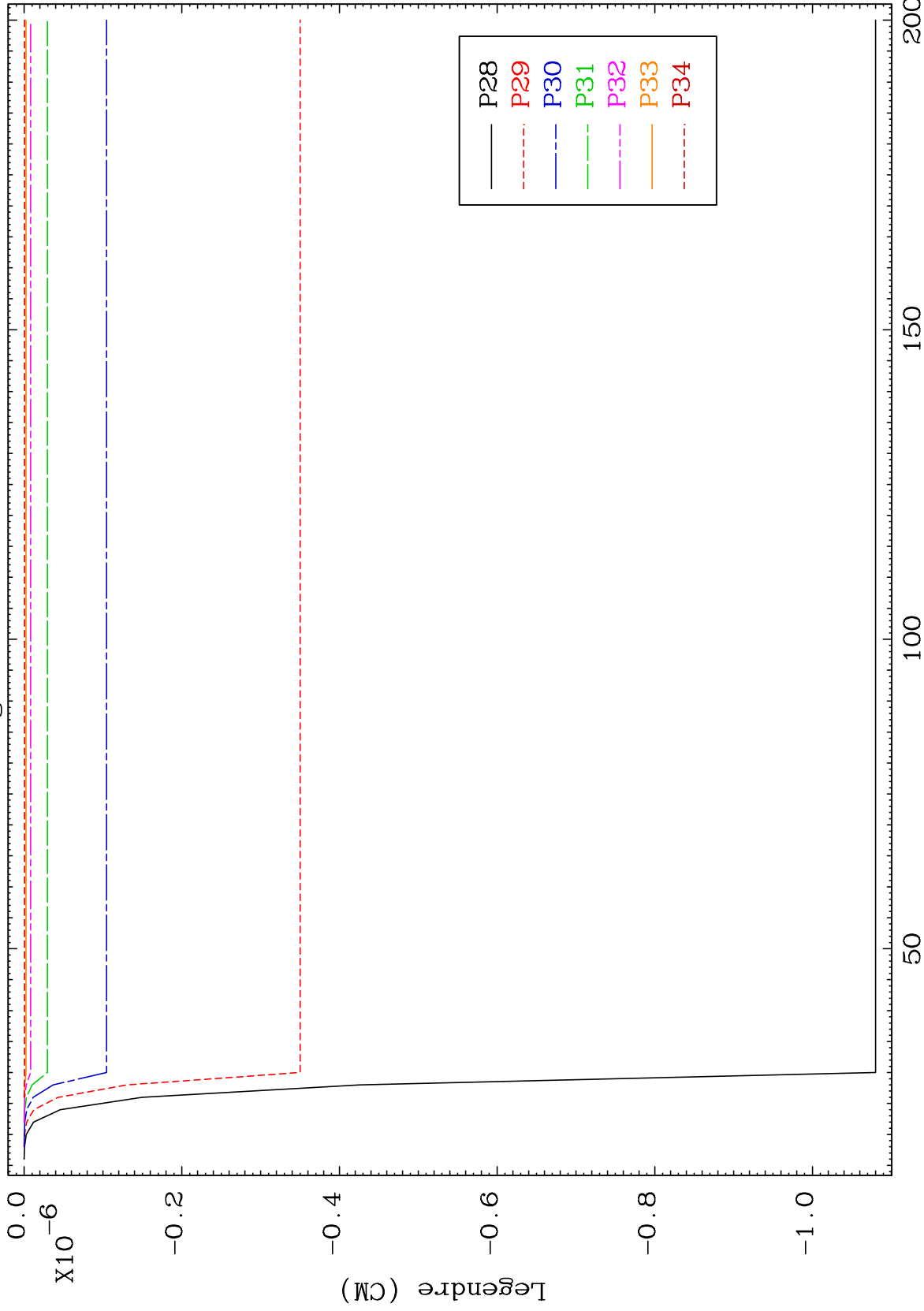


82 44-Ru-102

MAT 4443

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

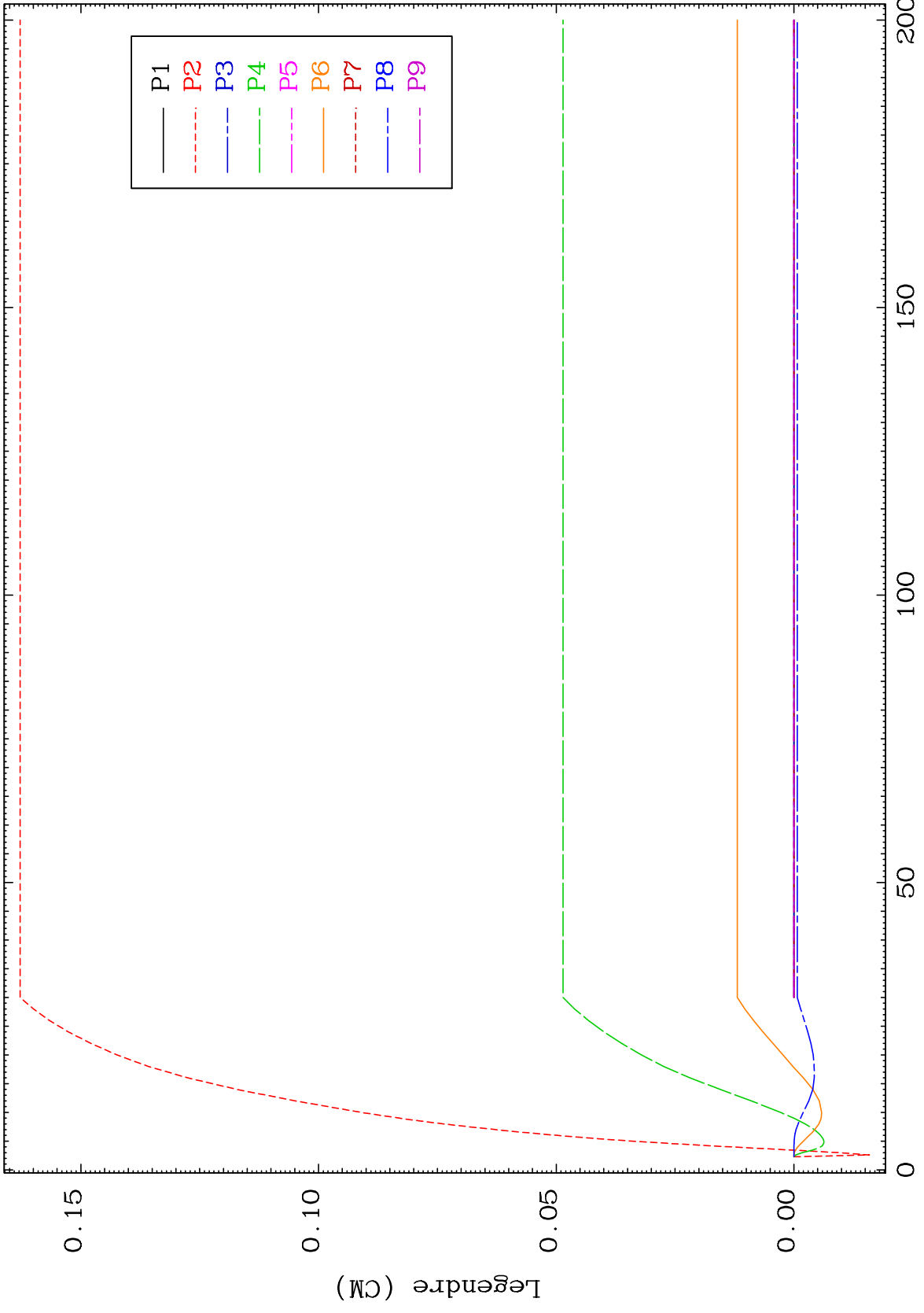
44-Ru-102



83

44-Ru-102

MAT 4443 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-102

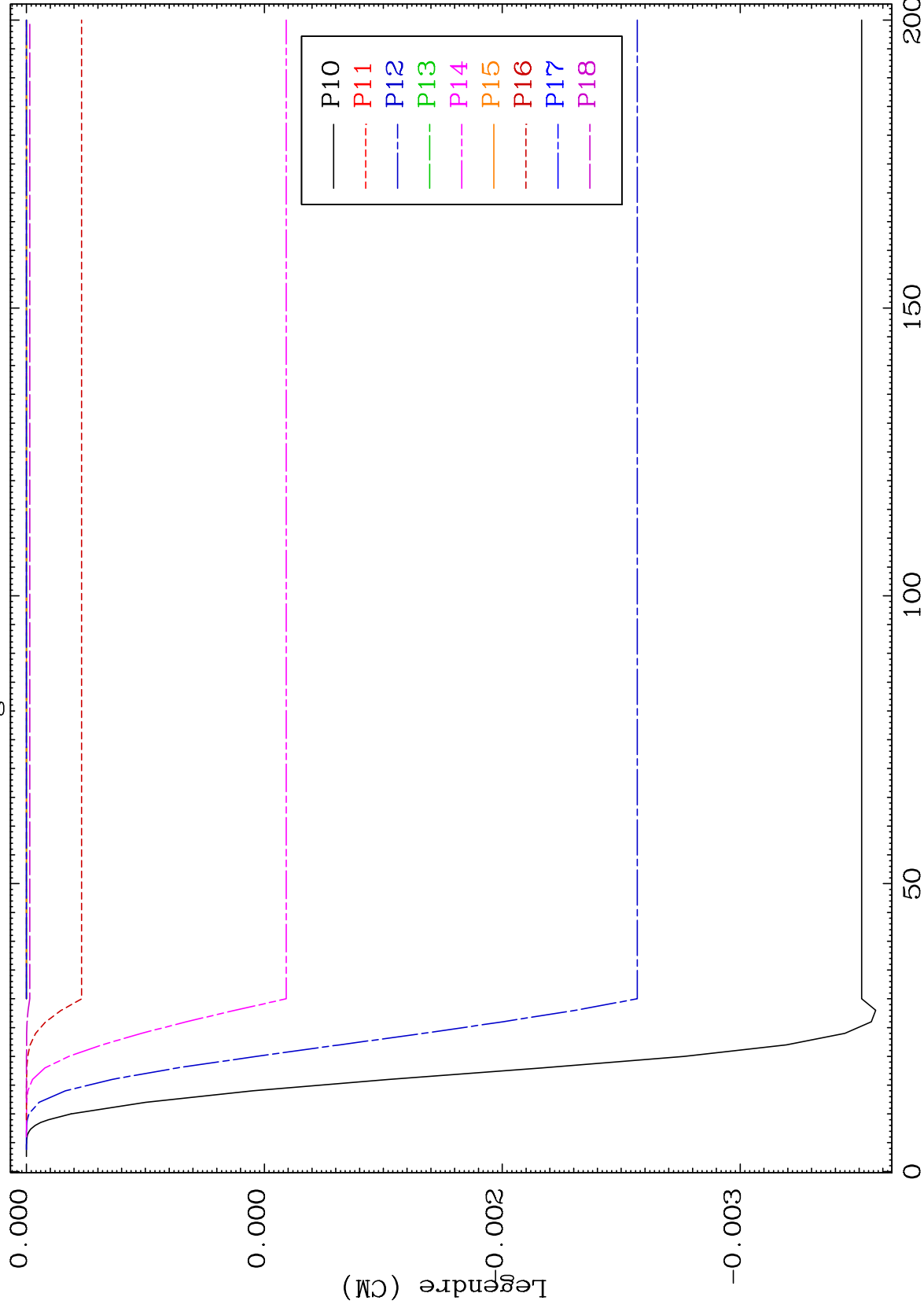


84 44-Ru-102

MAT 4443

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

44-Ru-102



85

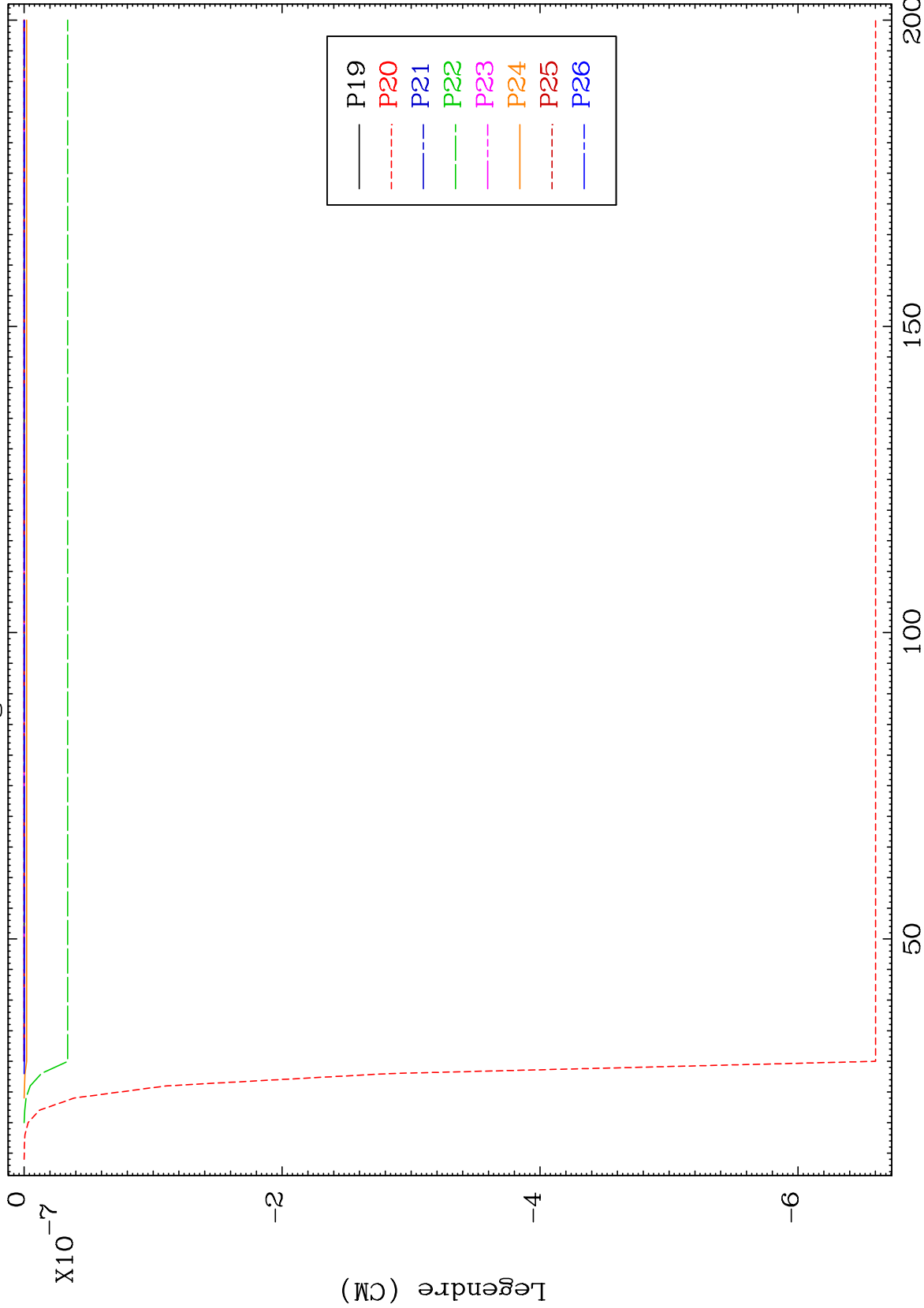
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



86

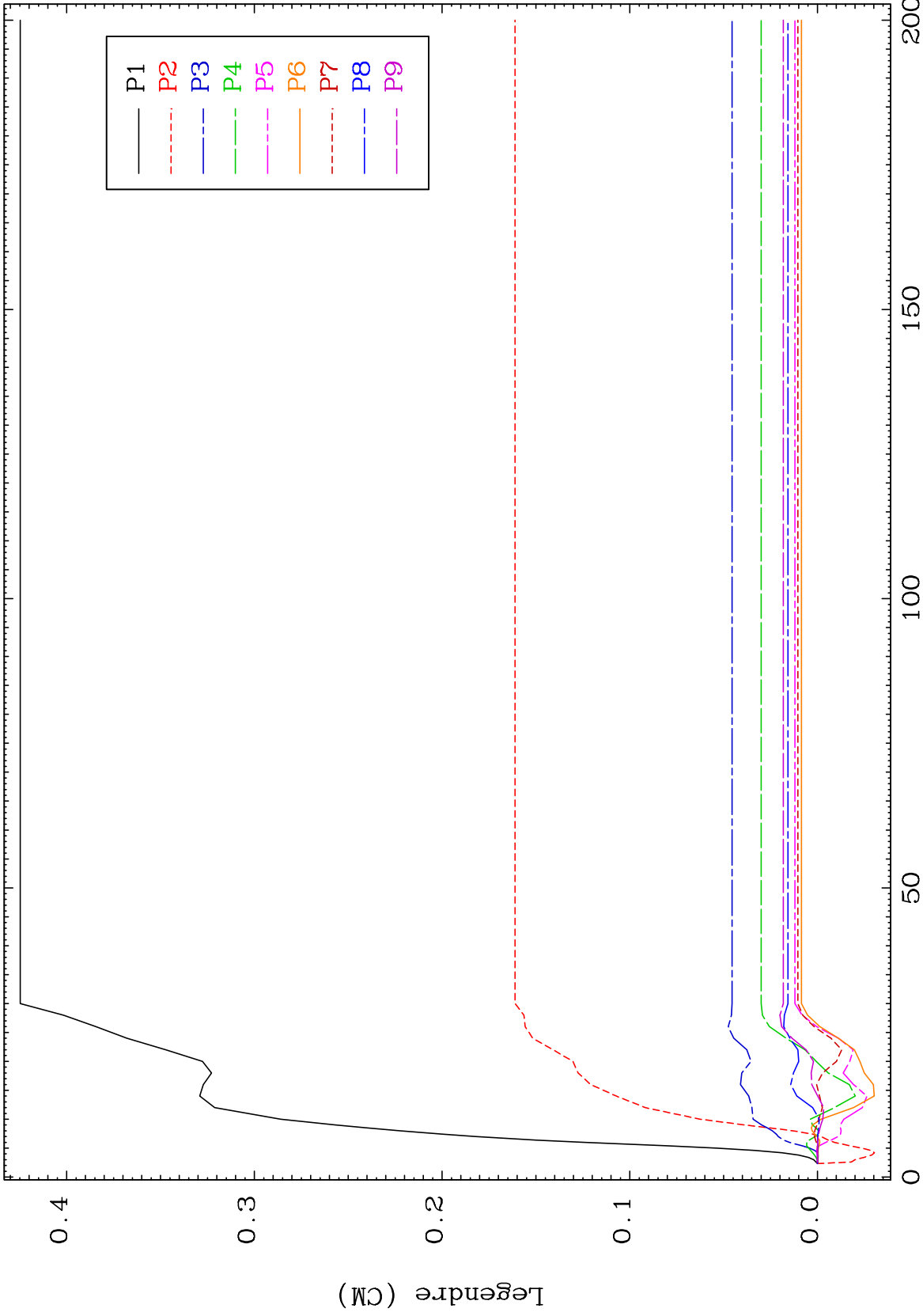
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



87

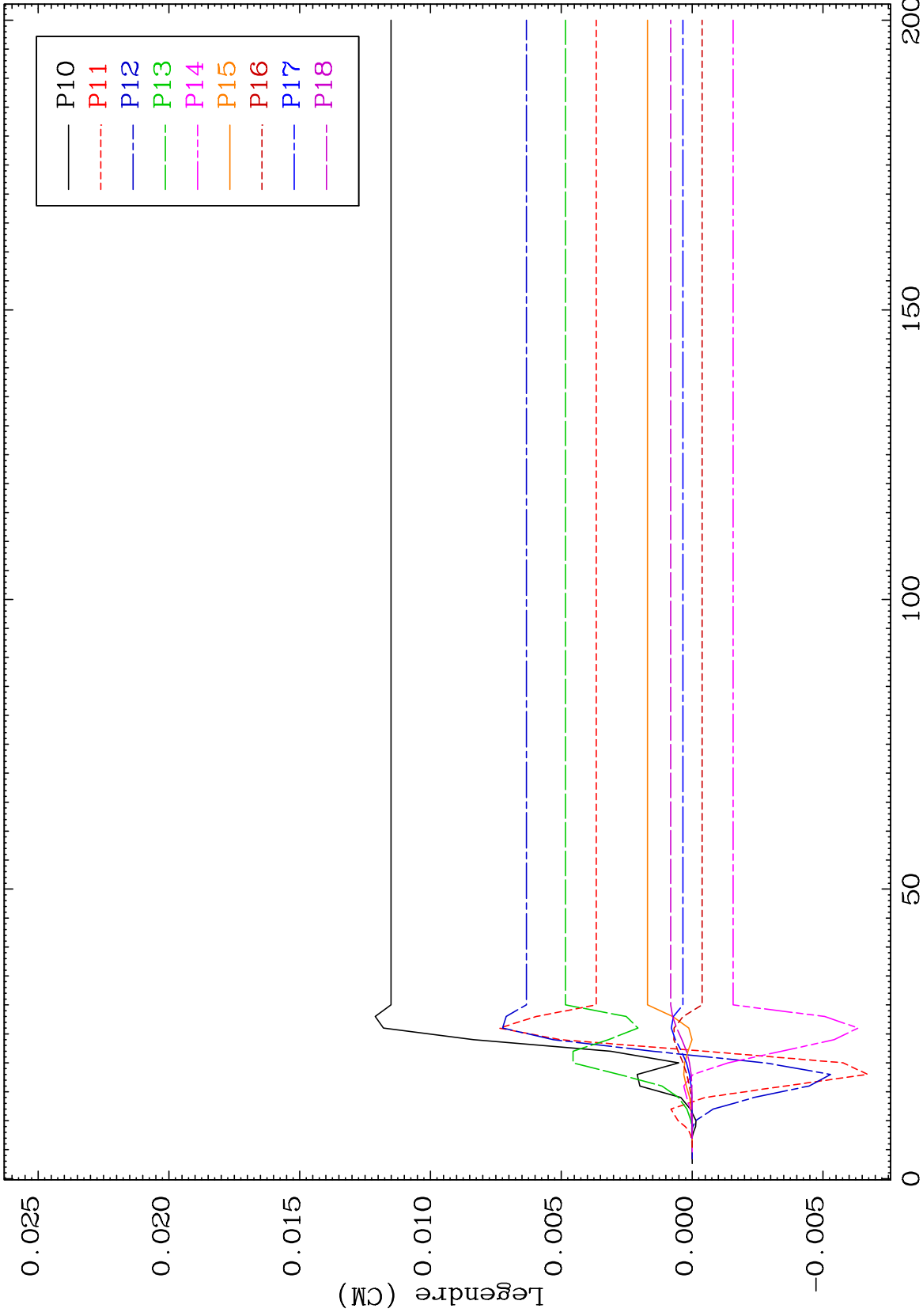
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



88

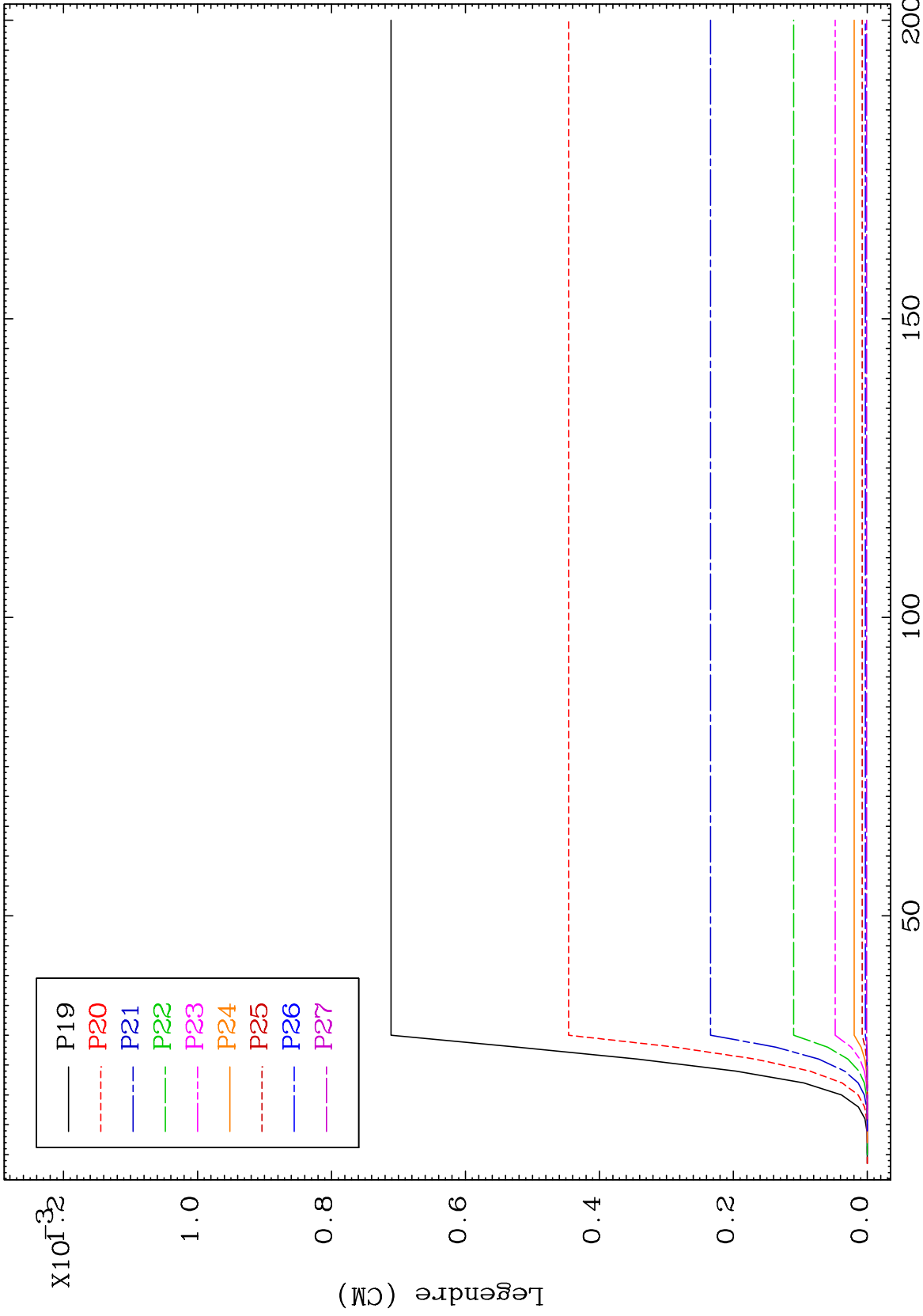
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



89

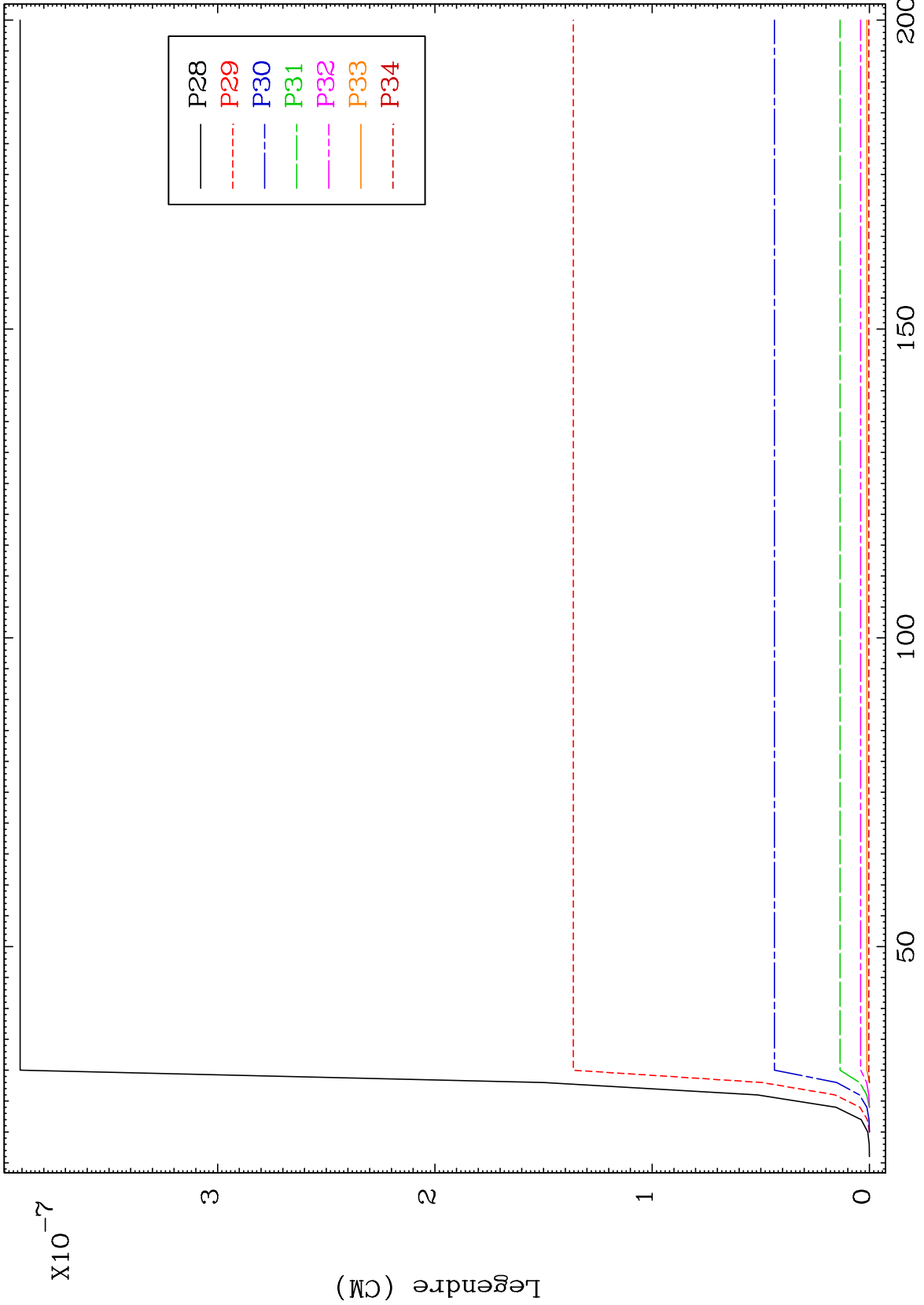
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



90

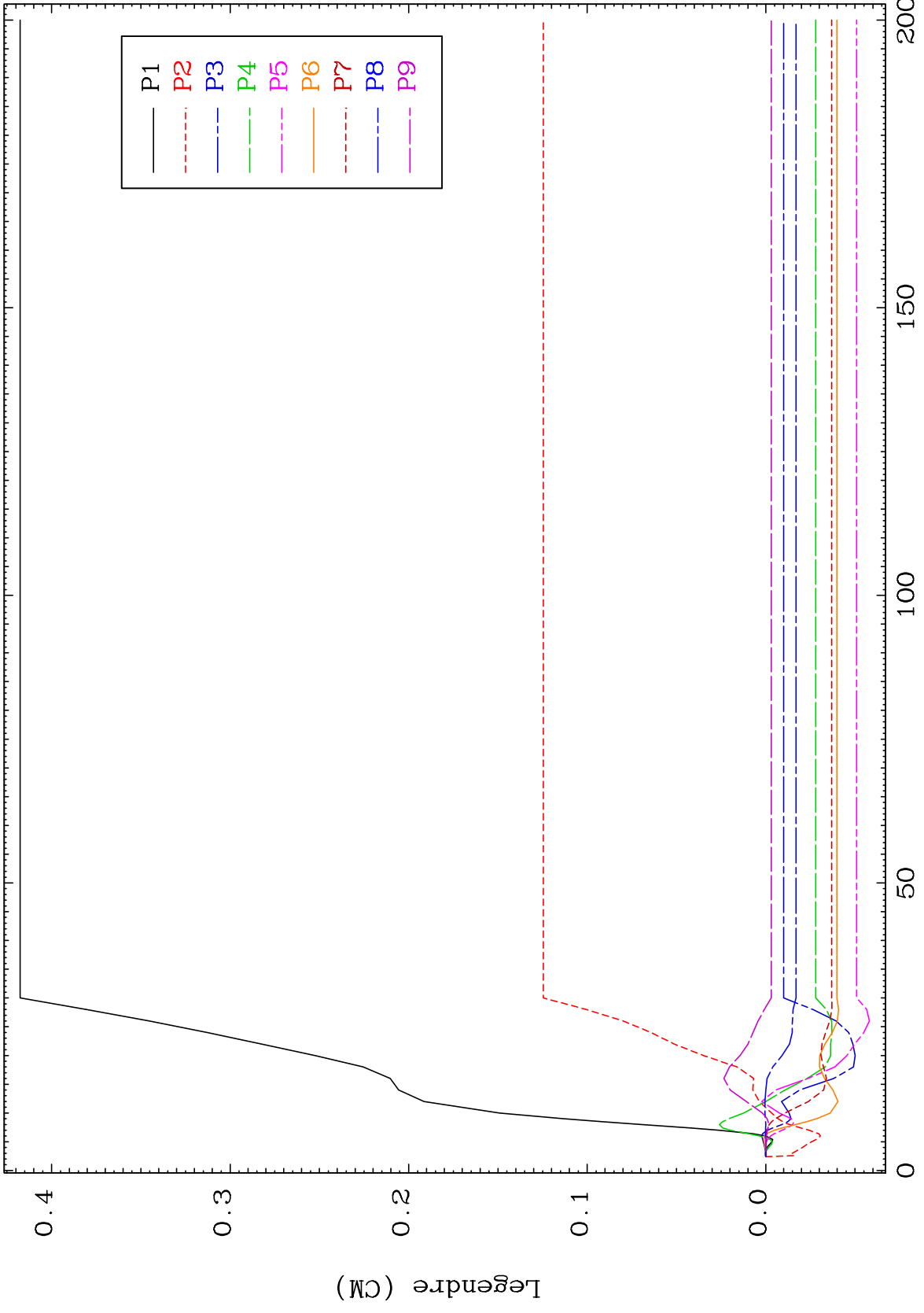
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



91

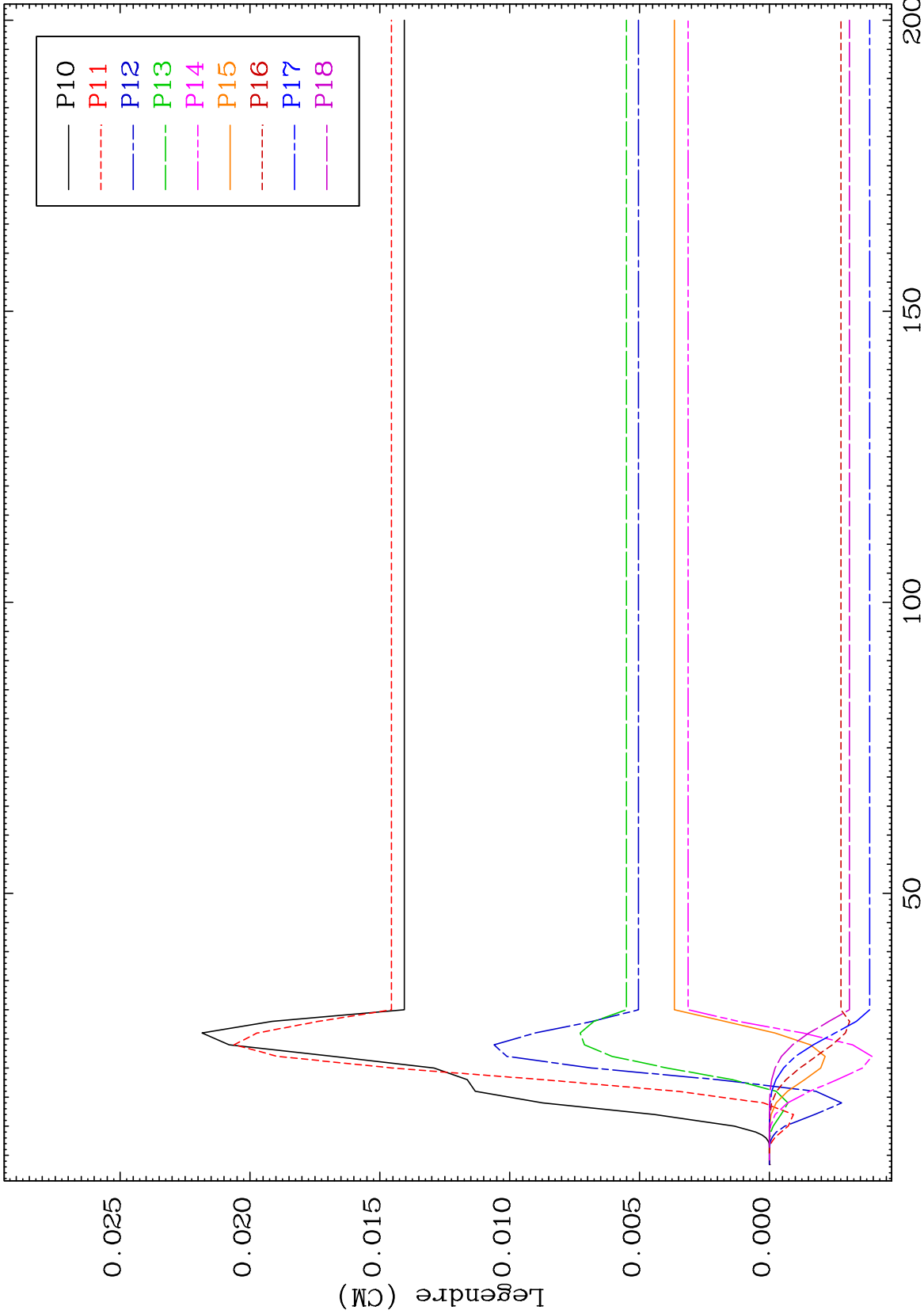
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



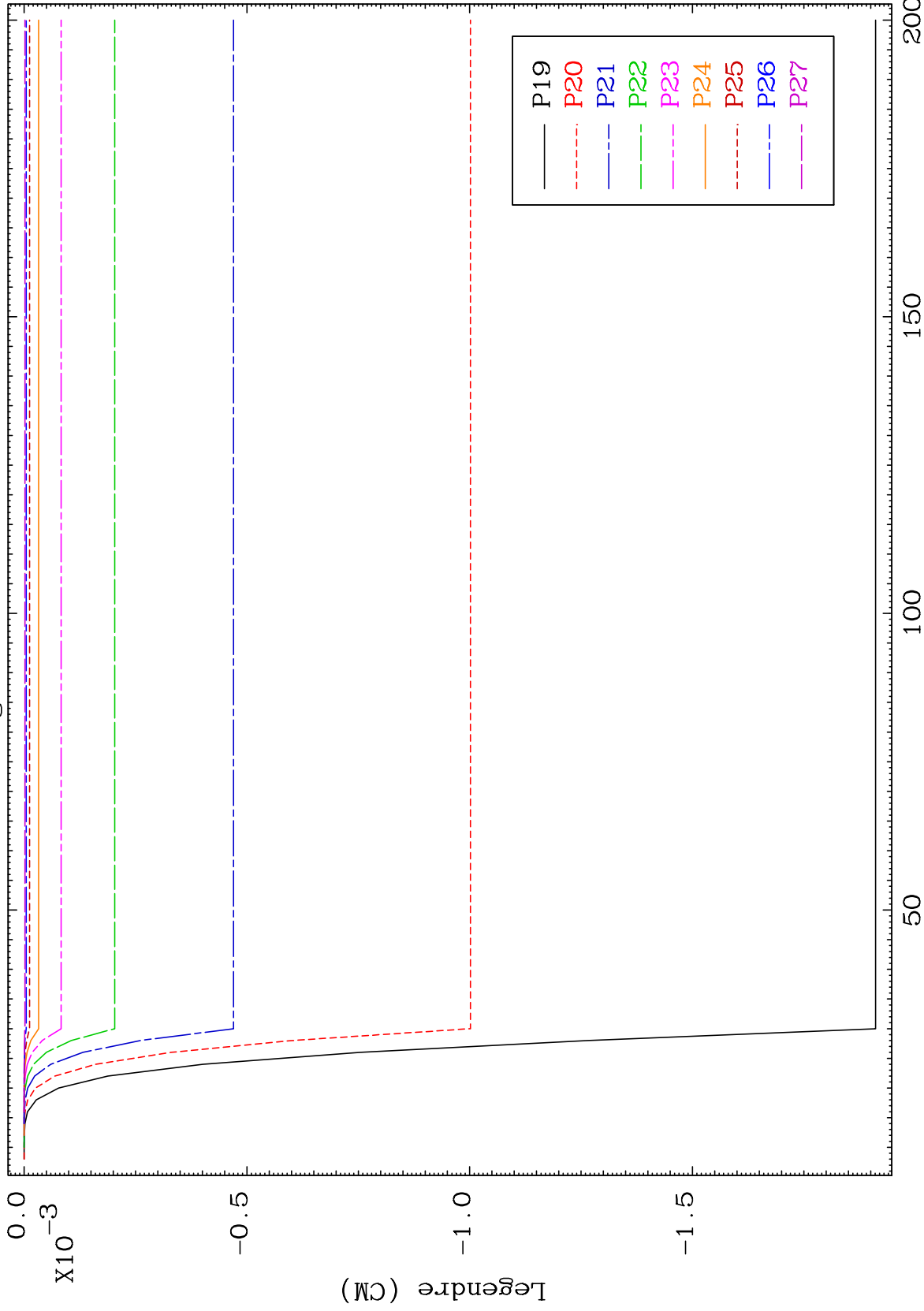
92

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

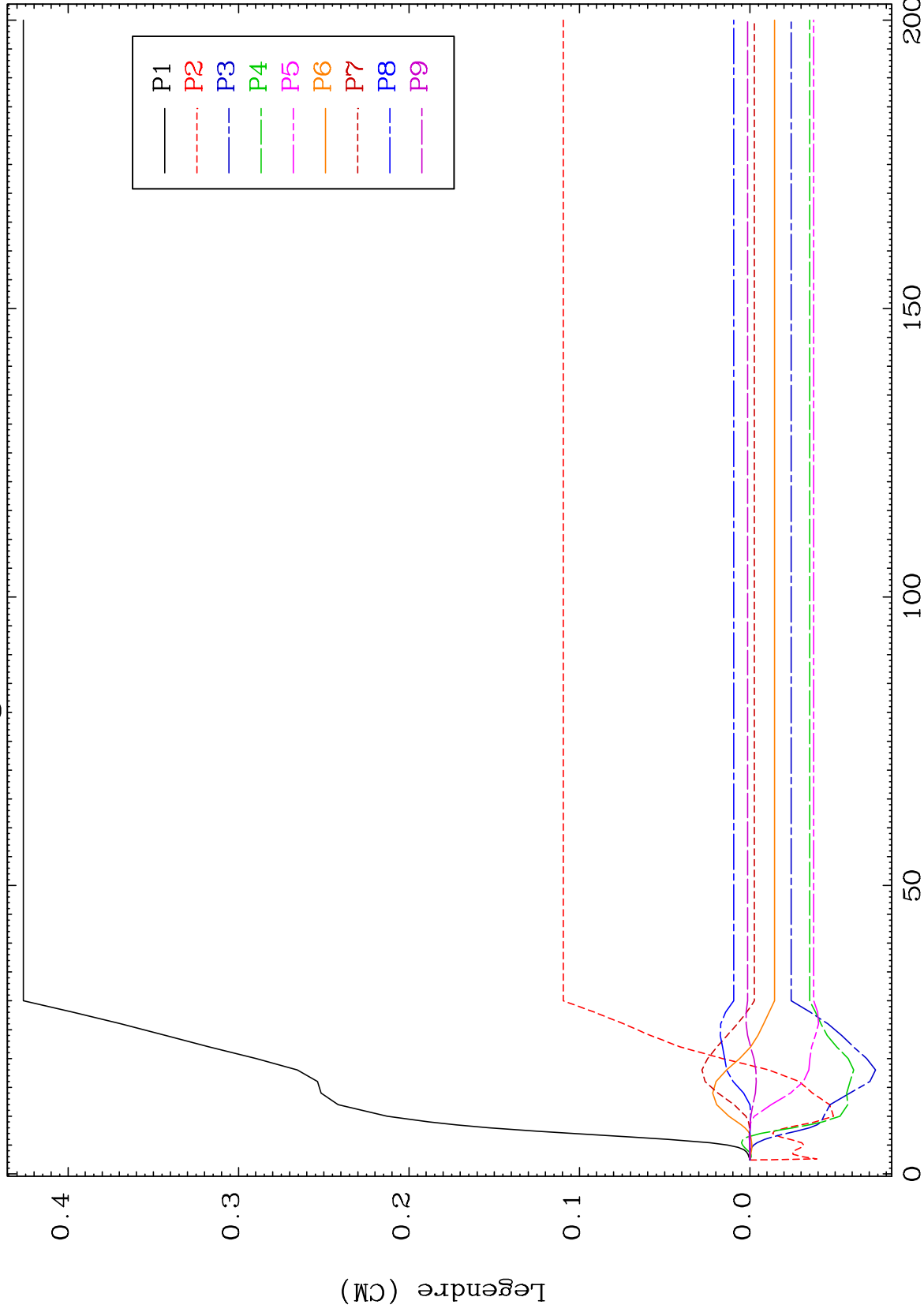
Incident Energy (MeV)

93

MAT 4443

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

44-Ru-102



95

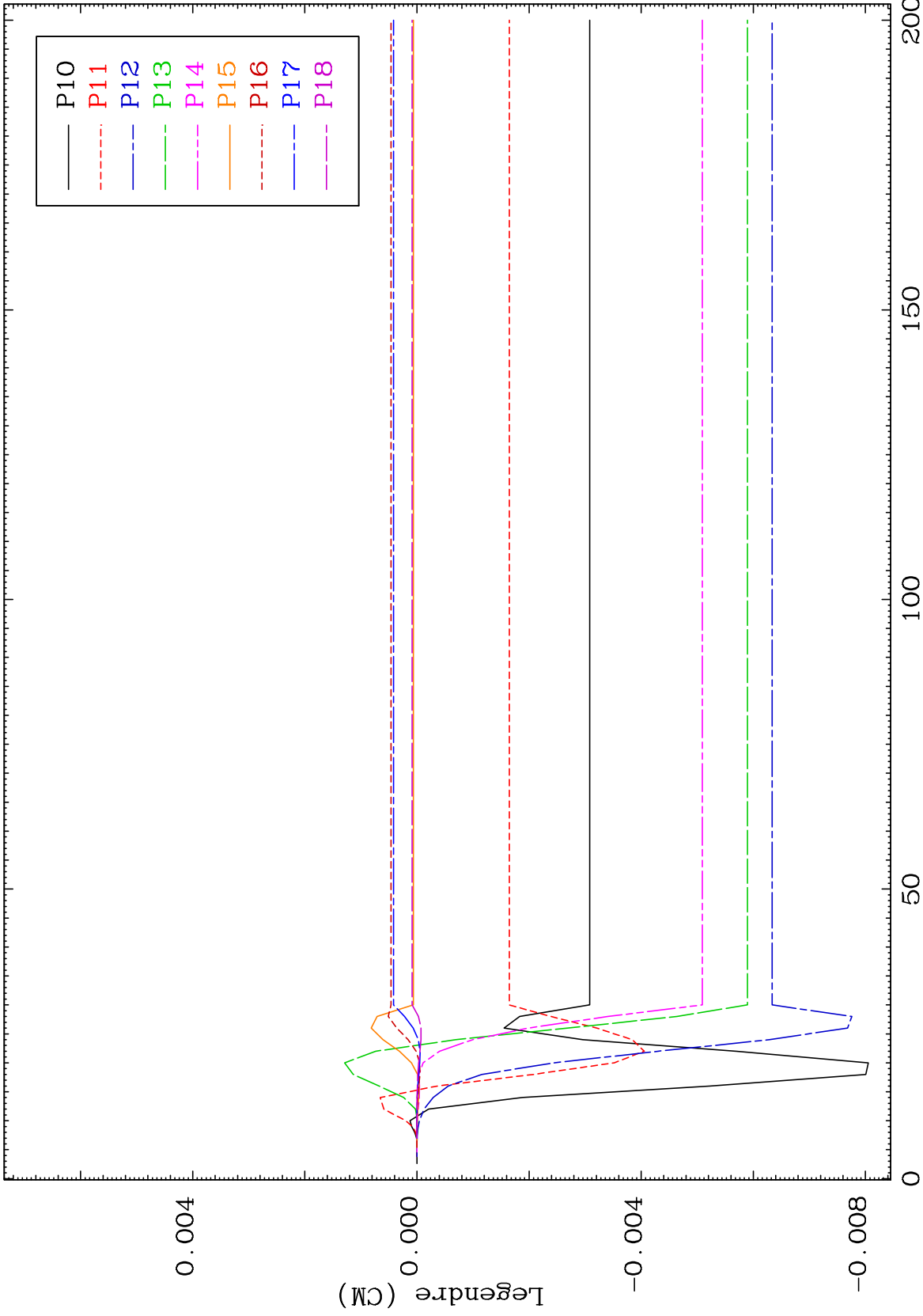
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



96

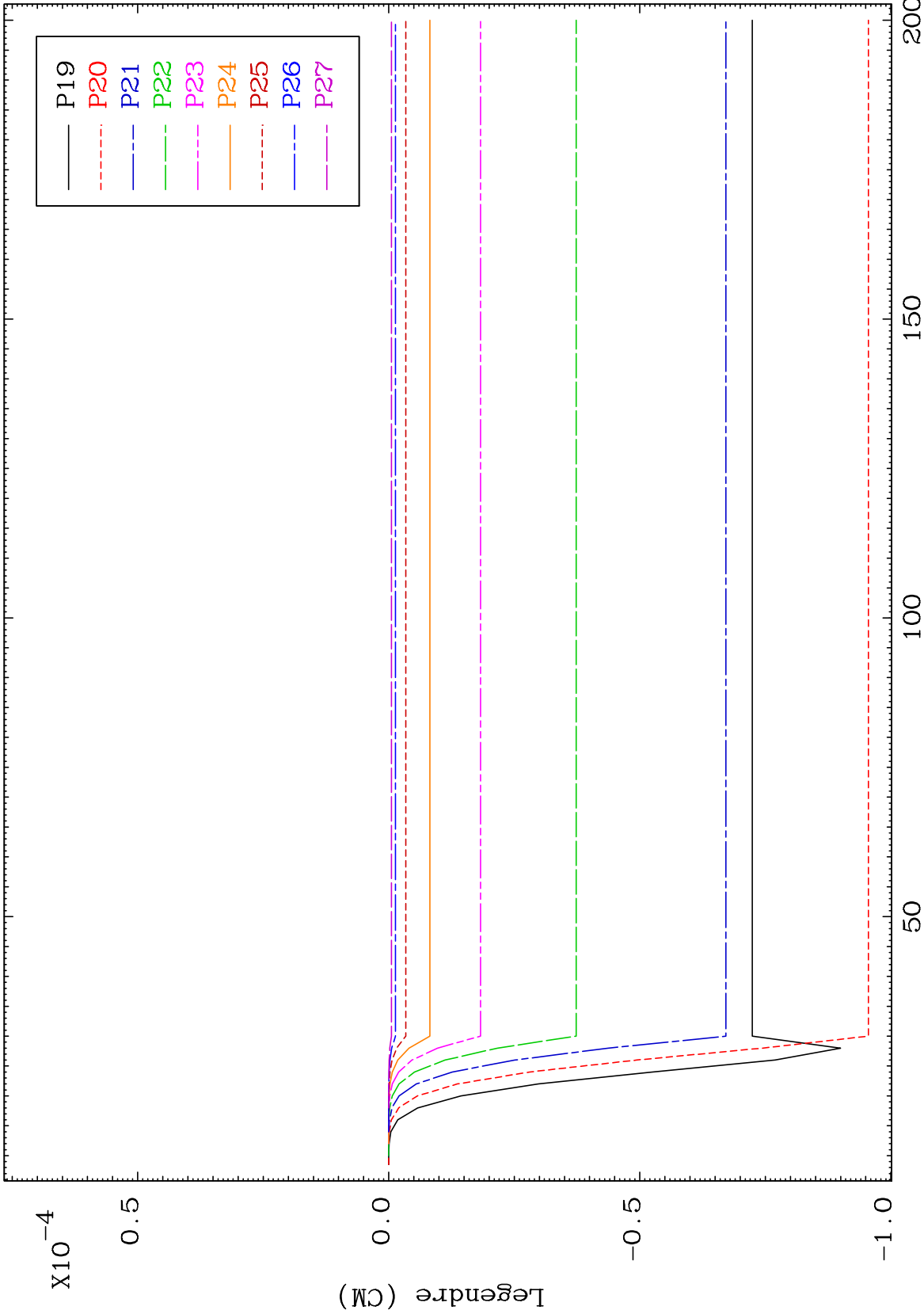
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



97

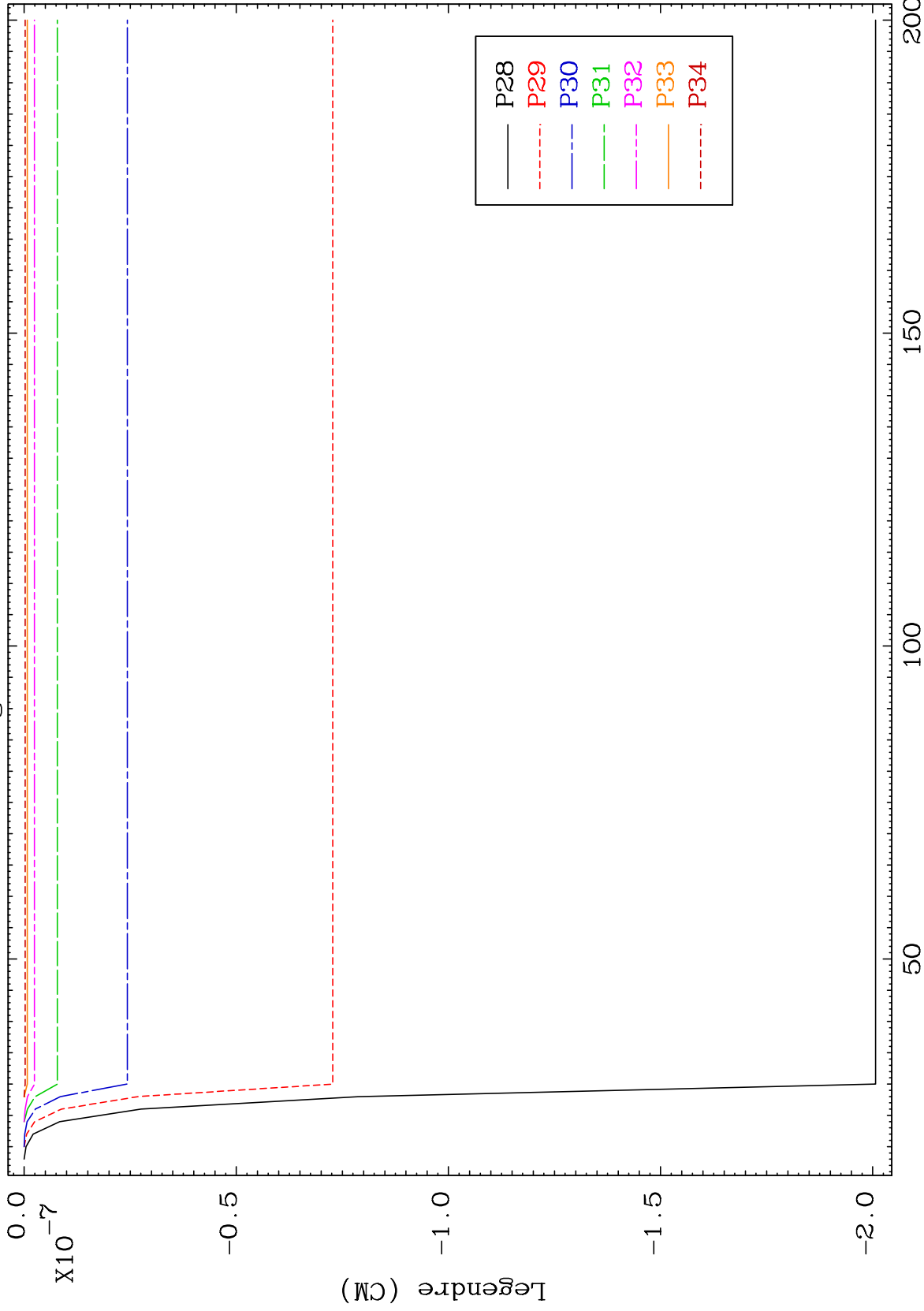
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



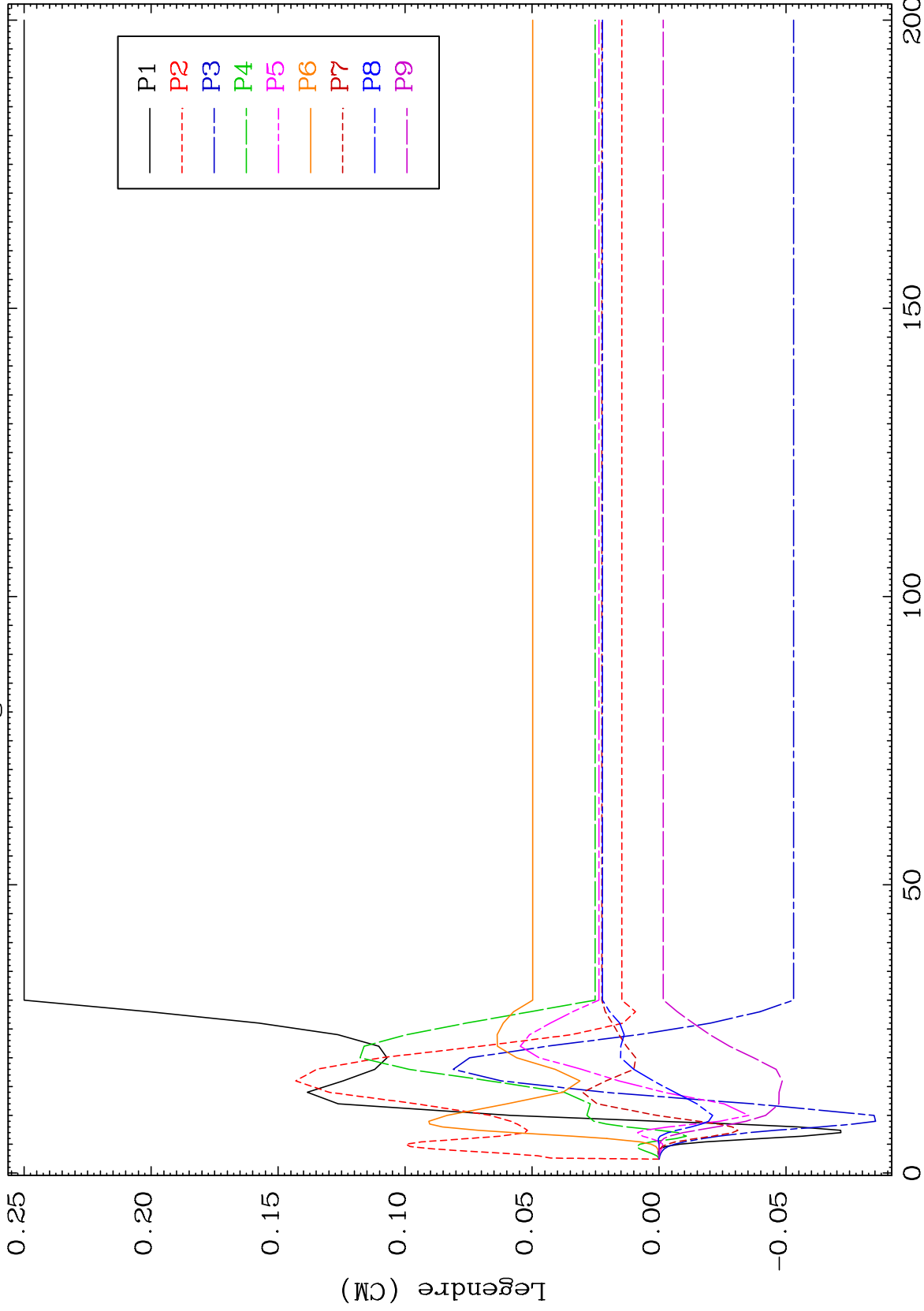
98

44-Ru-102

MAT 4443

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

44-Ru-102



99

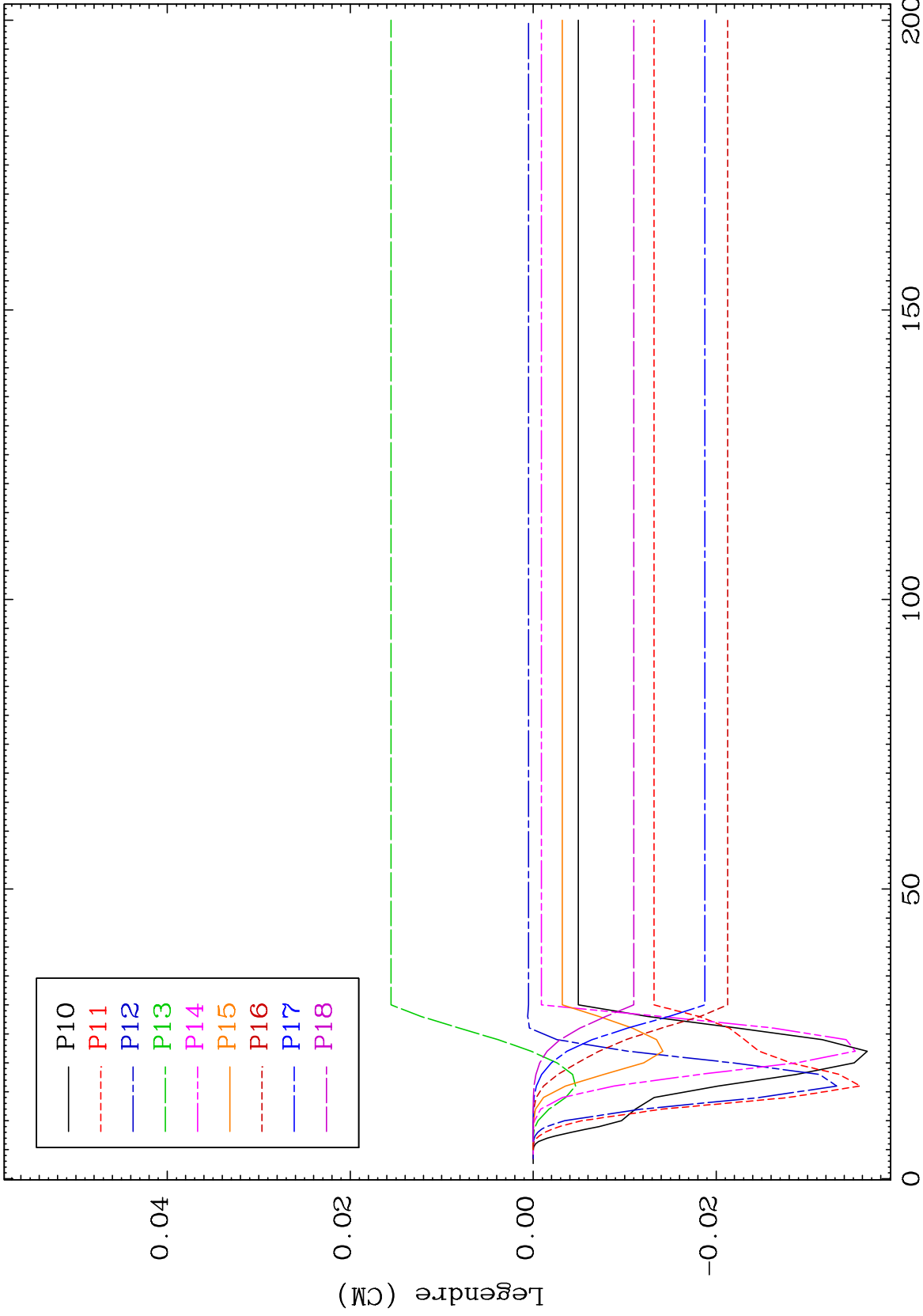
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

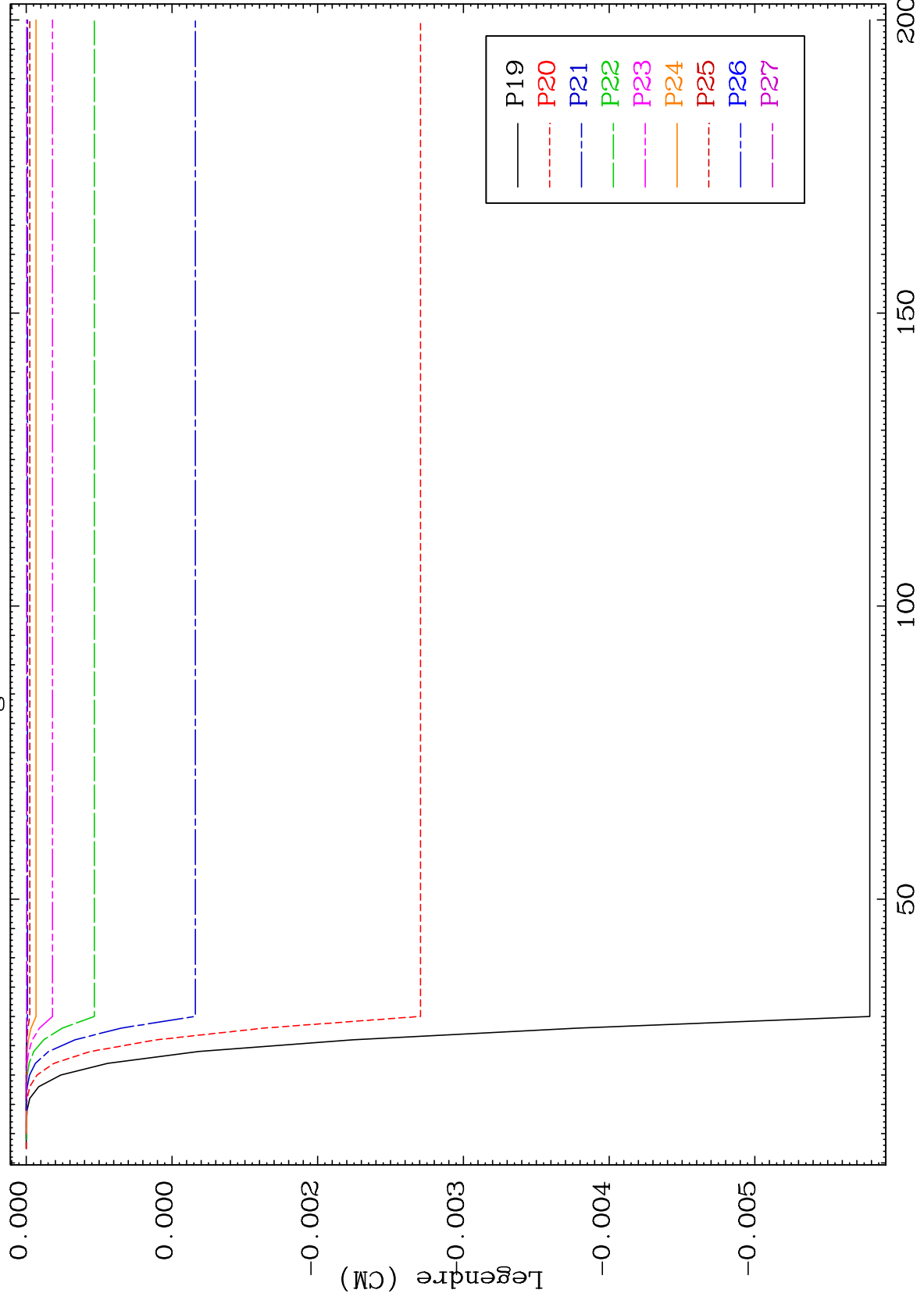


44-Ru-102

Incident Energy (MeV)

100

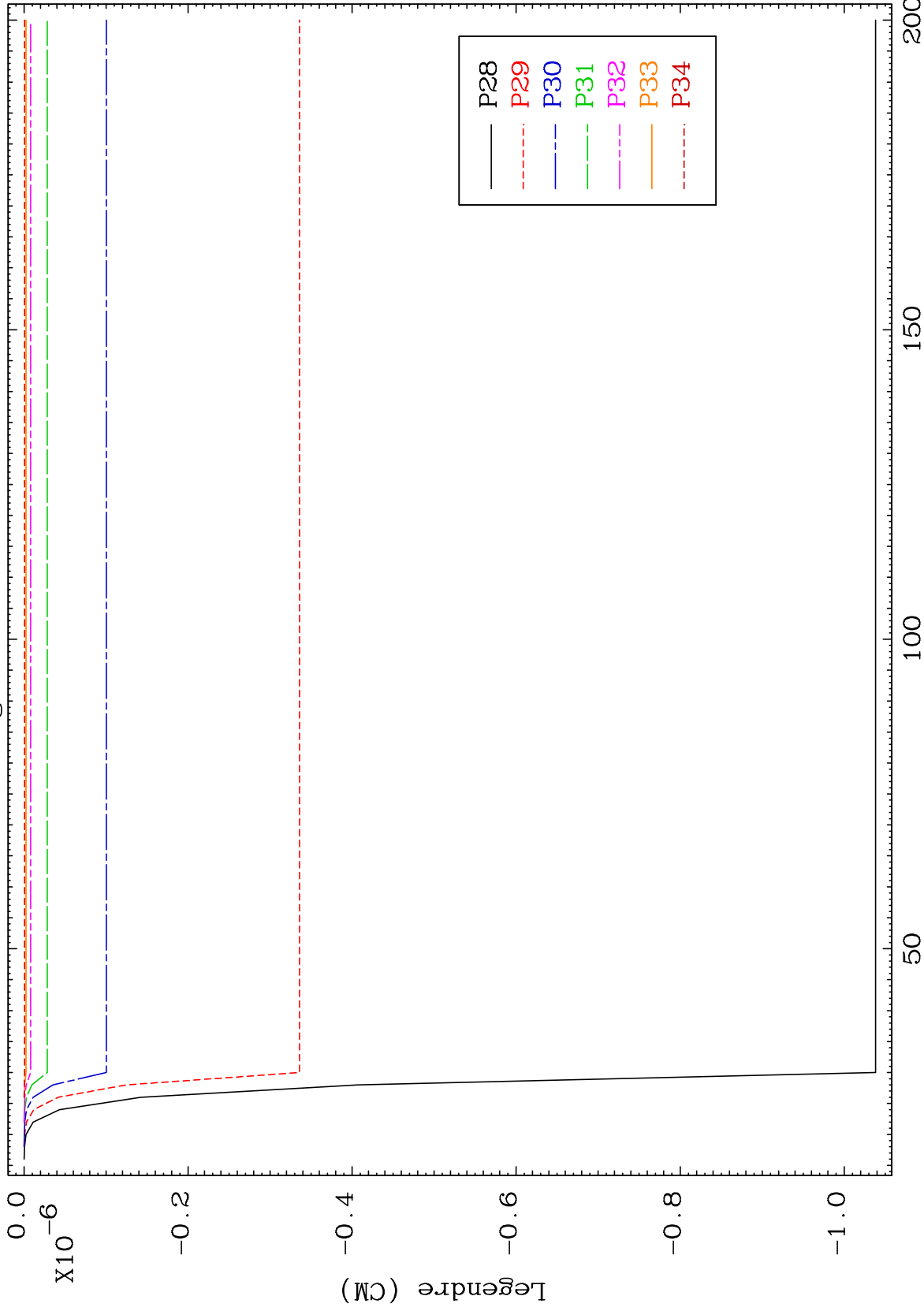
MAT 4443 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-102



MAT 4443

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

44-Ru-102



44-Ru-102

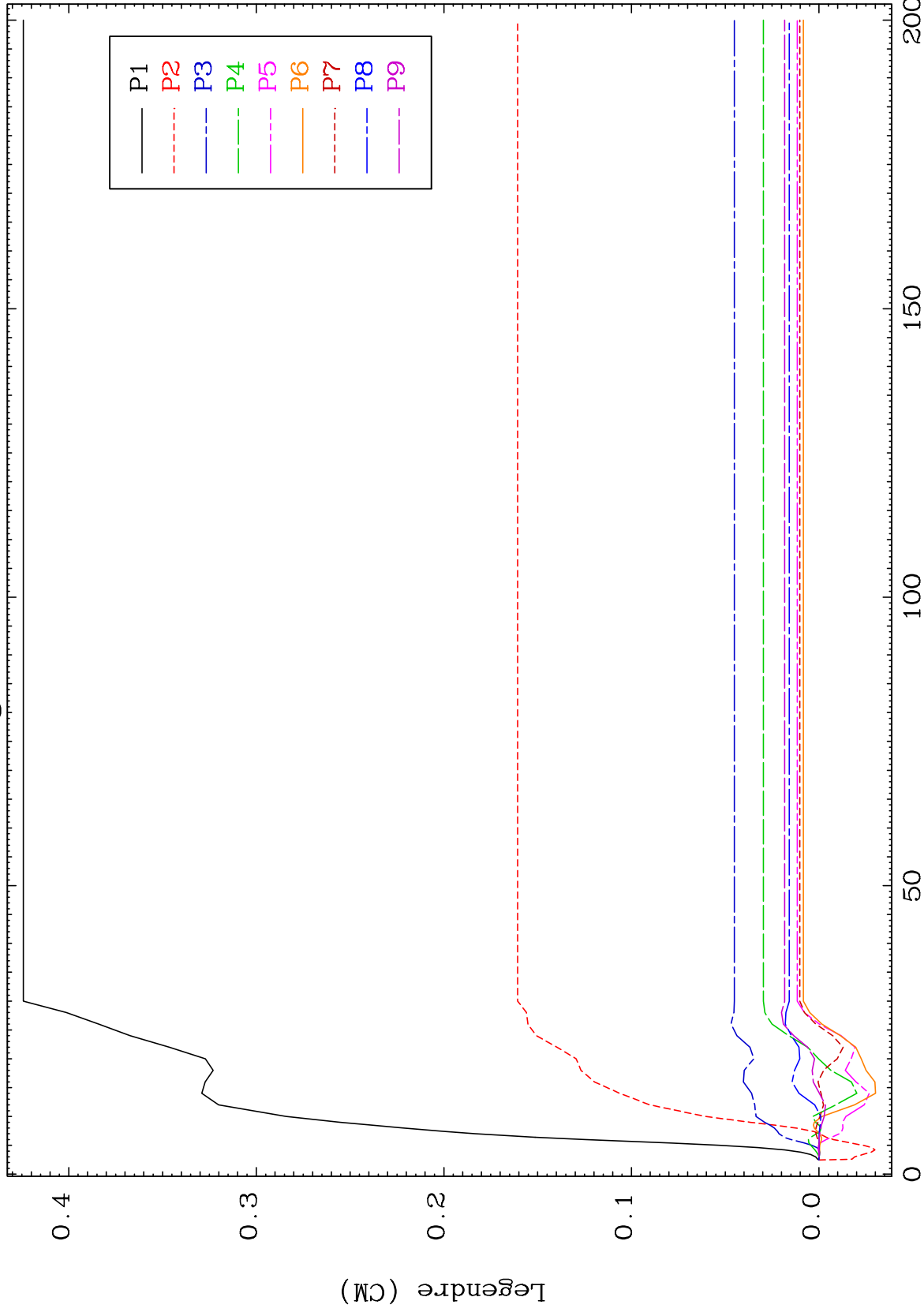
Incident Energy (MeV)

102

MAT 4443

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

44-Ru-102



103

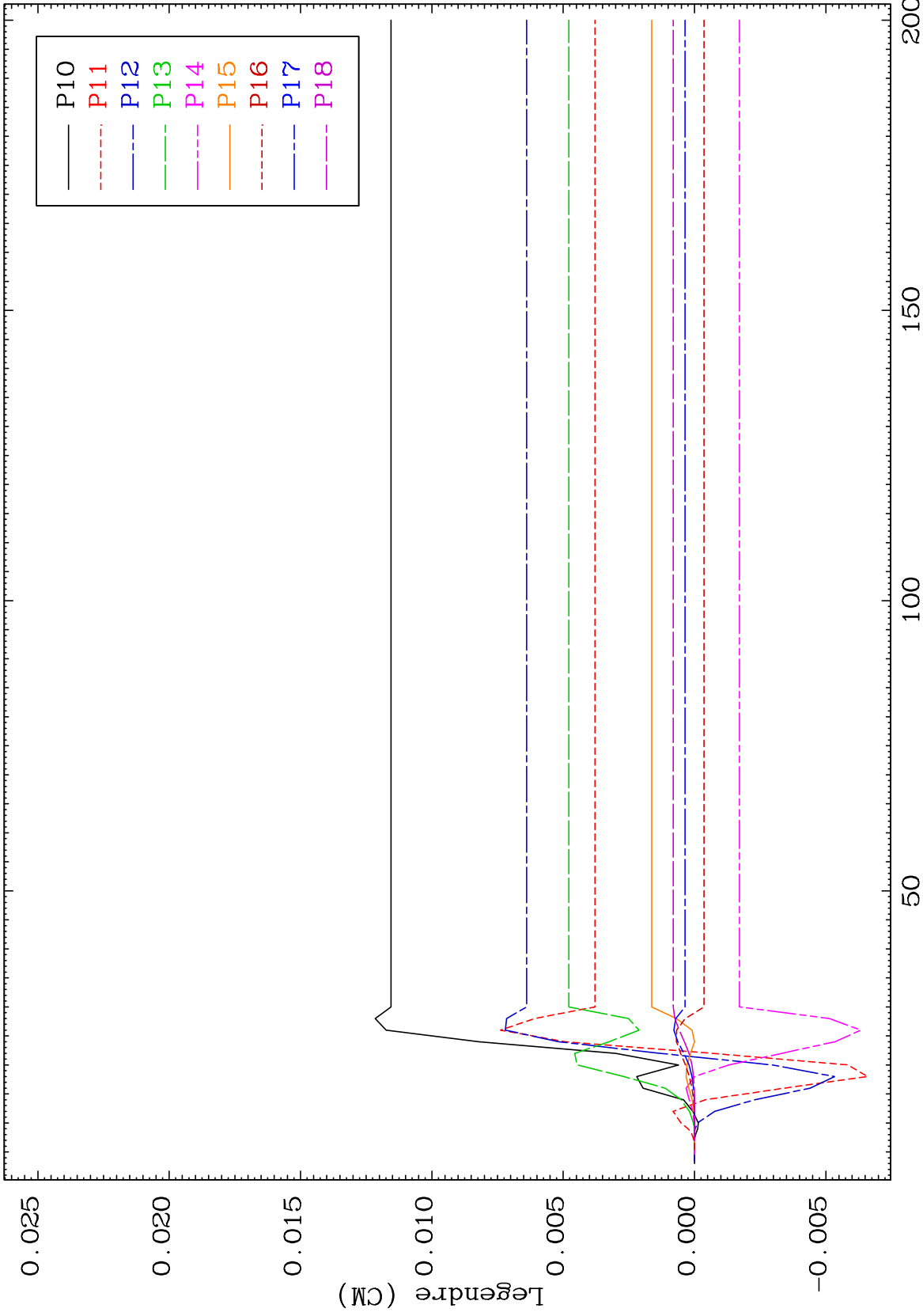
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



104

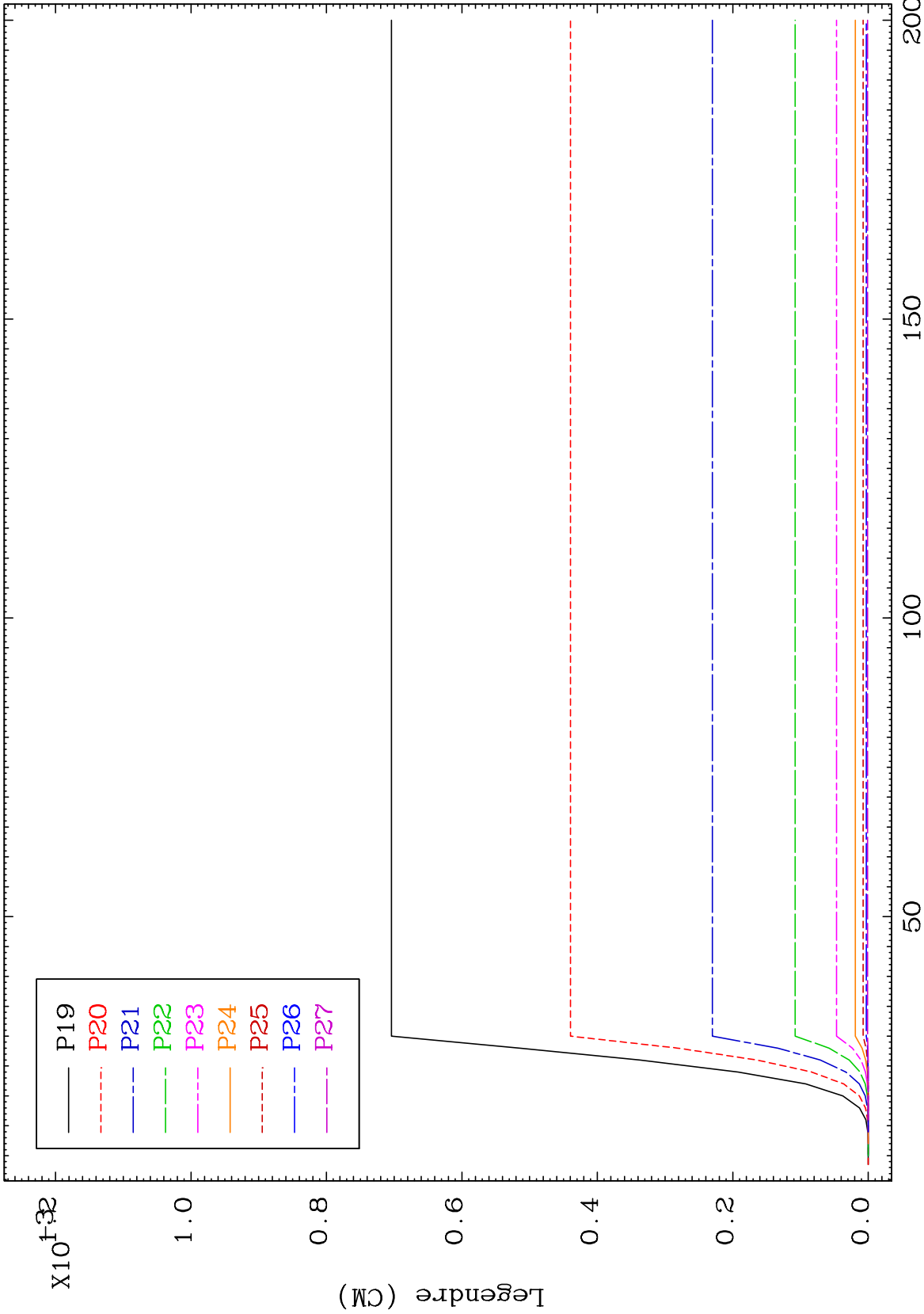
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



105

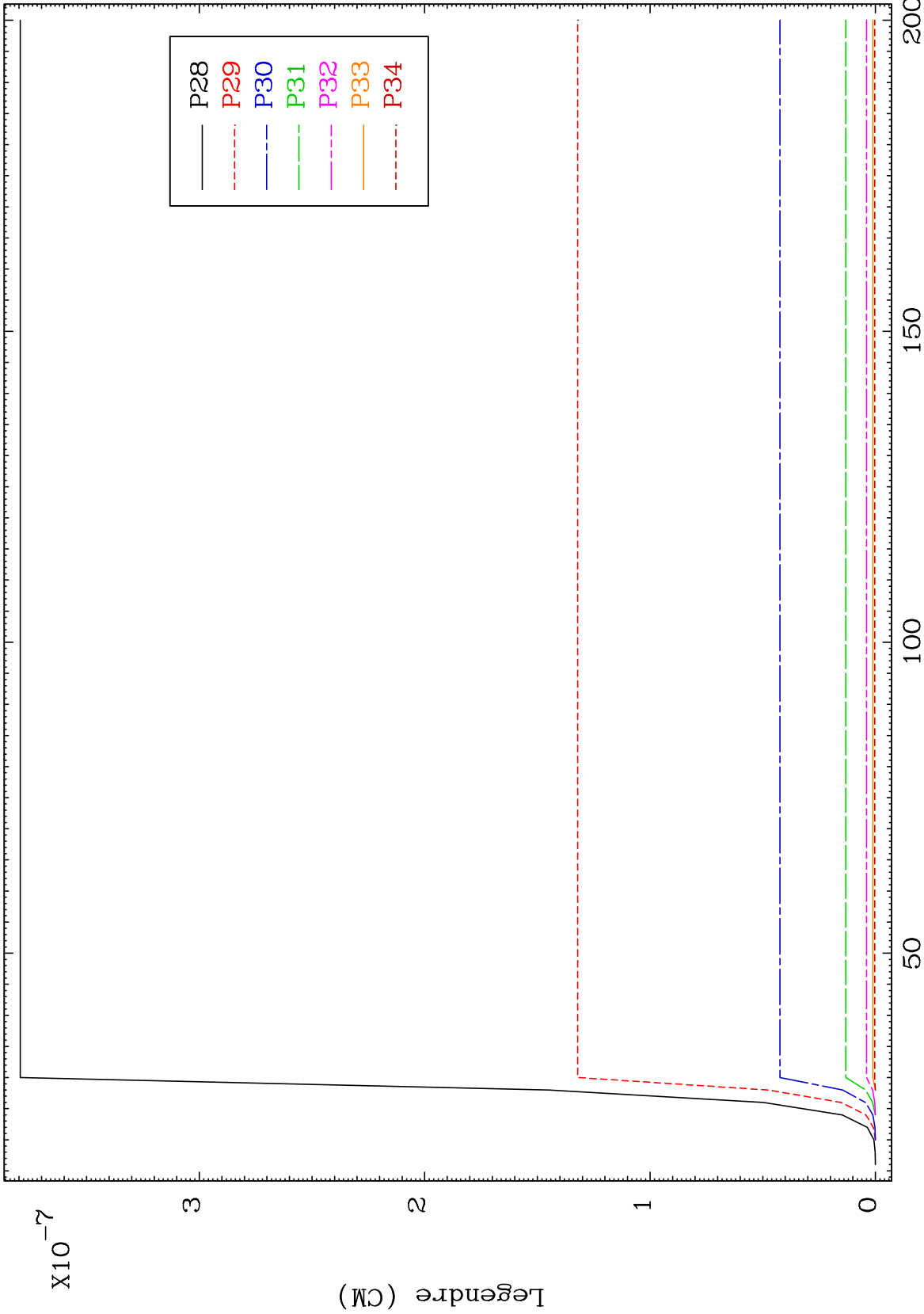
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



106

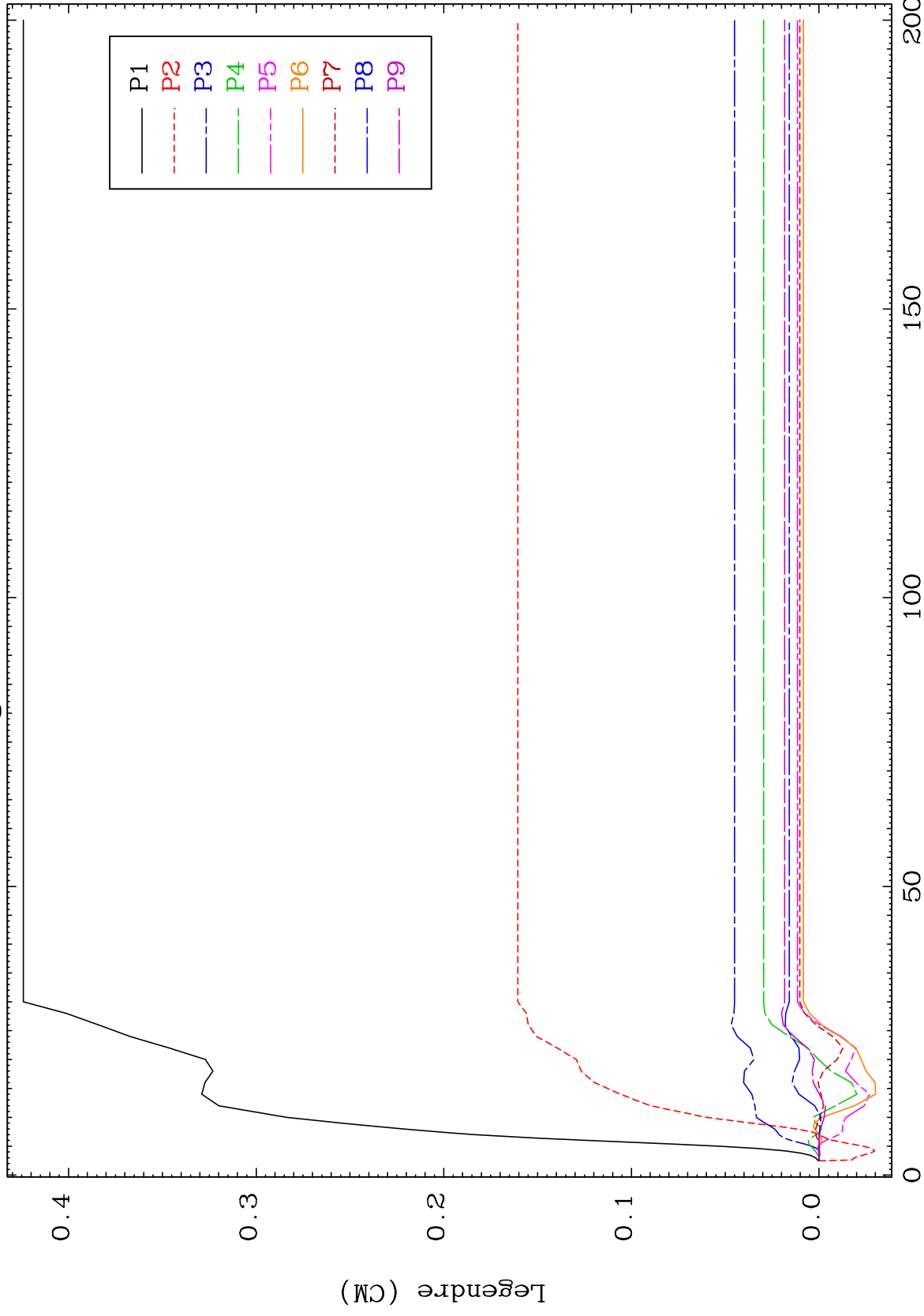
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



107

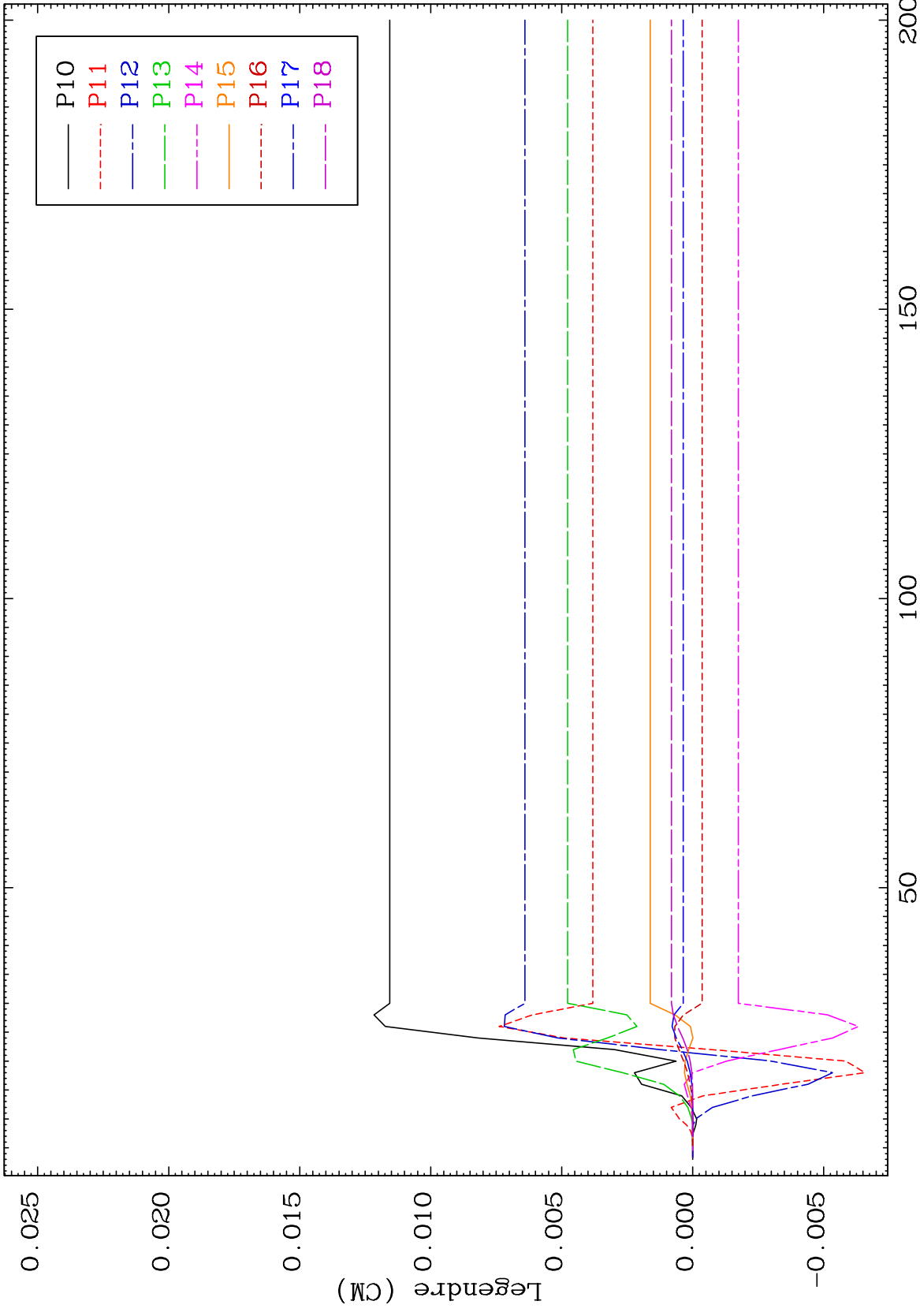
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



108

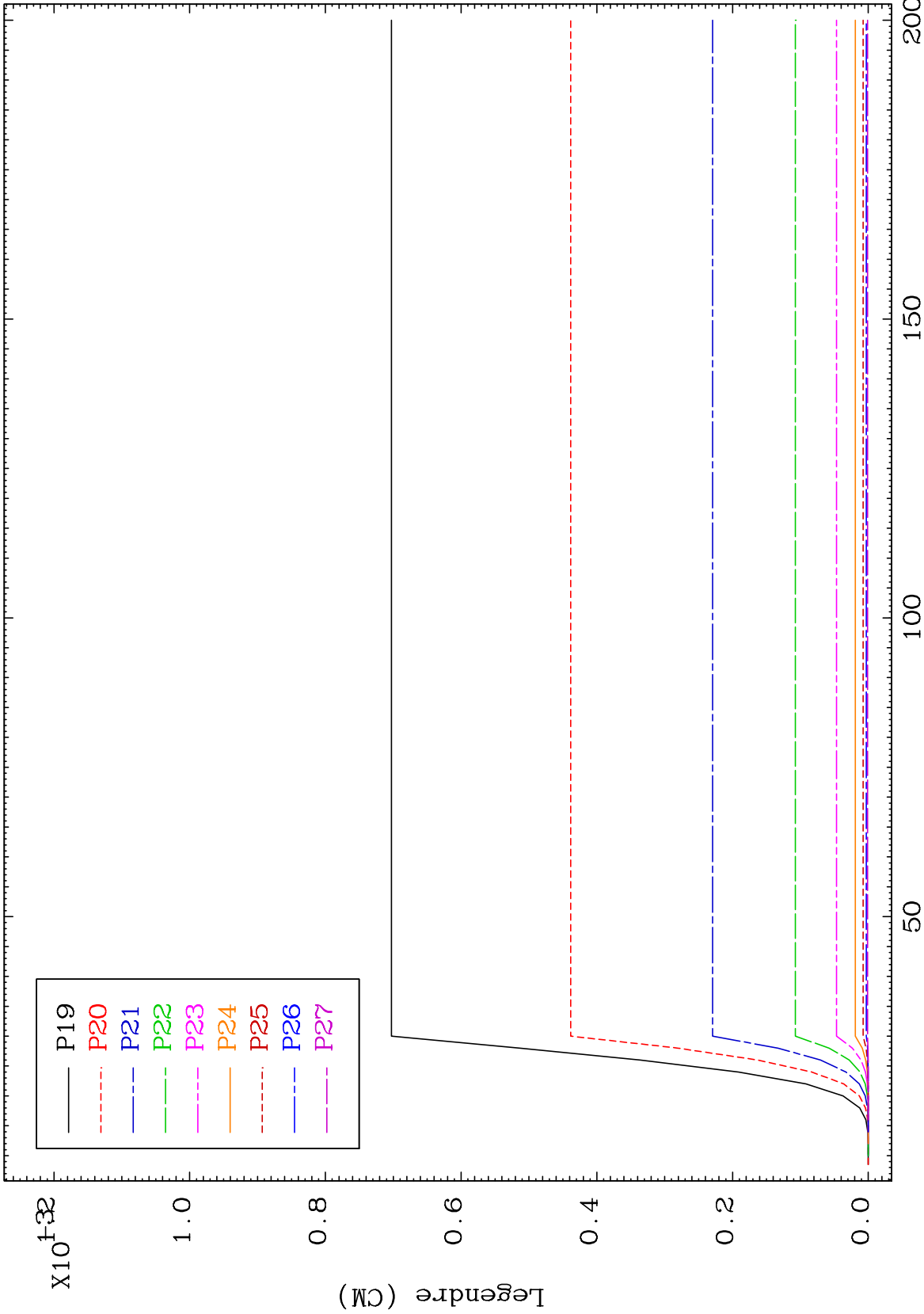
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



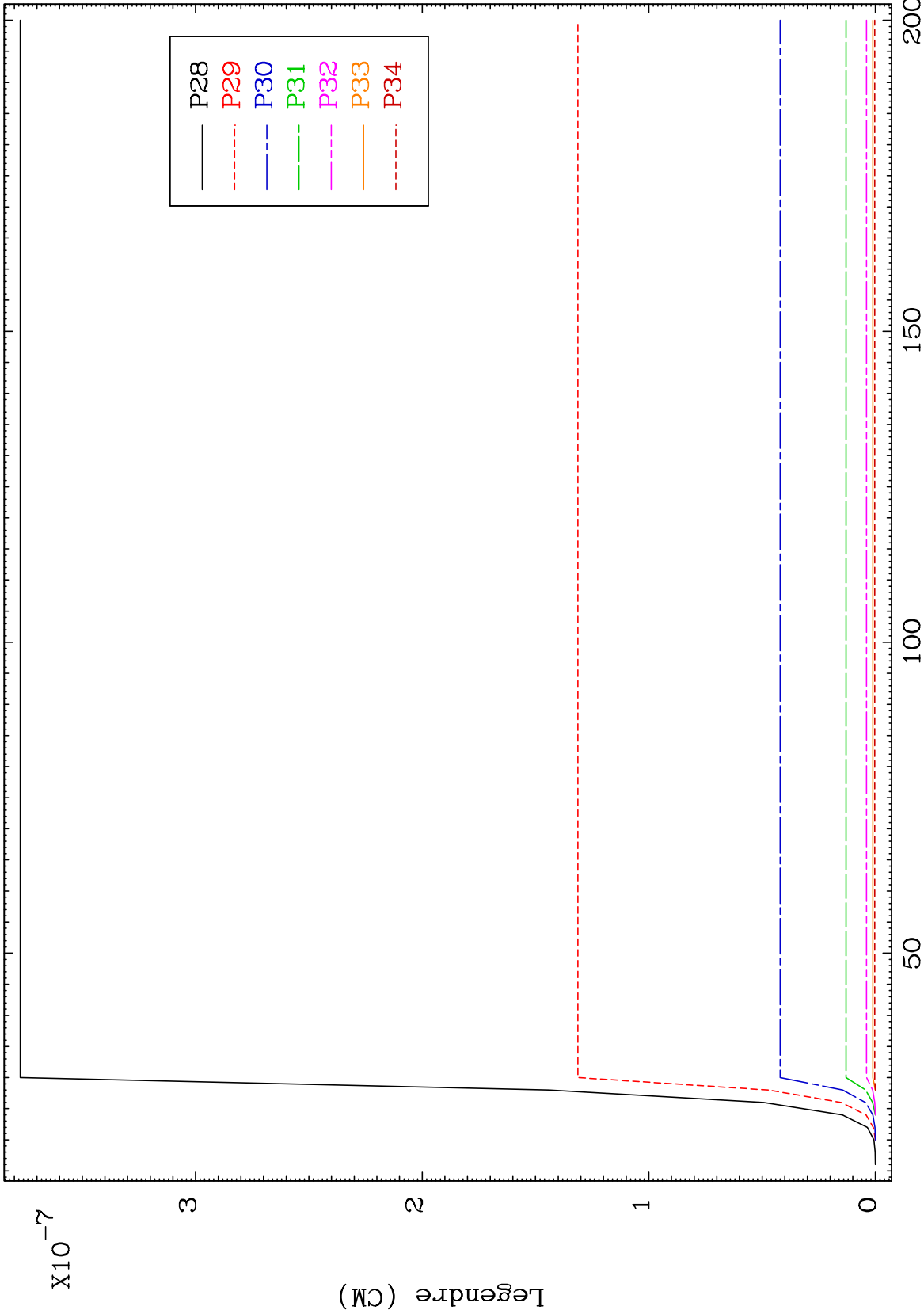
109

44-Ru-102

MAT 4443

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

44-Ru-102



110

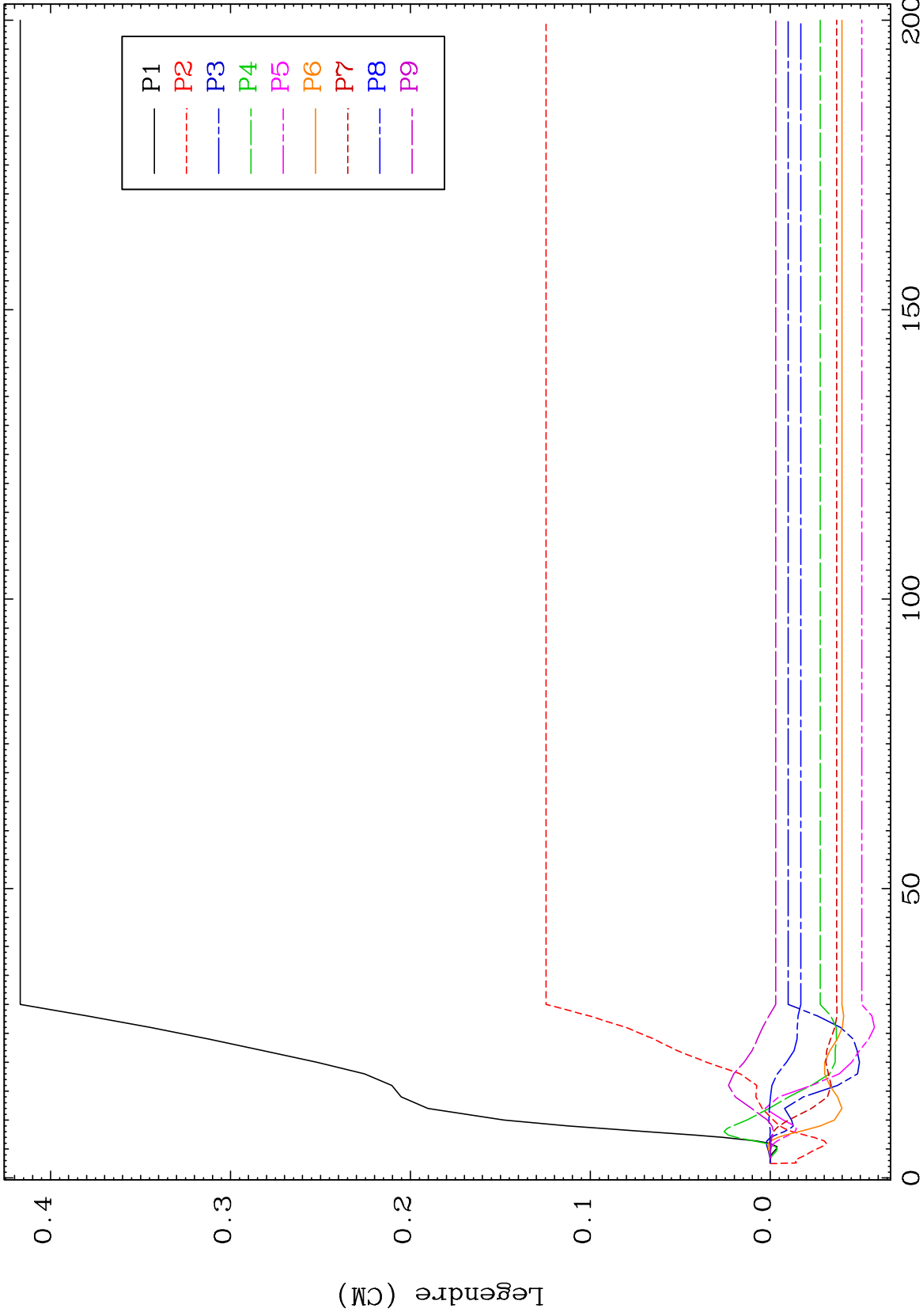
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



111

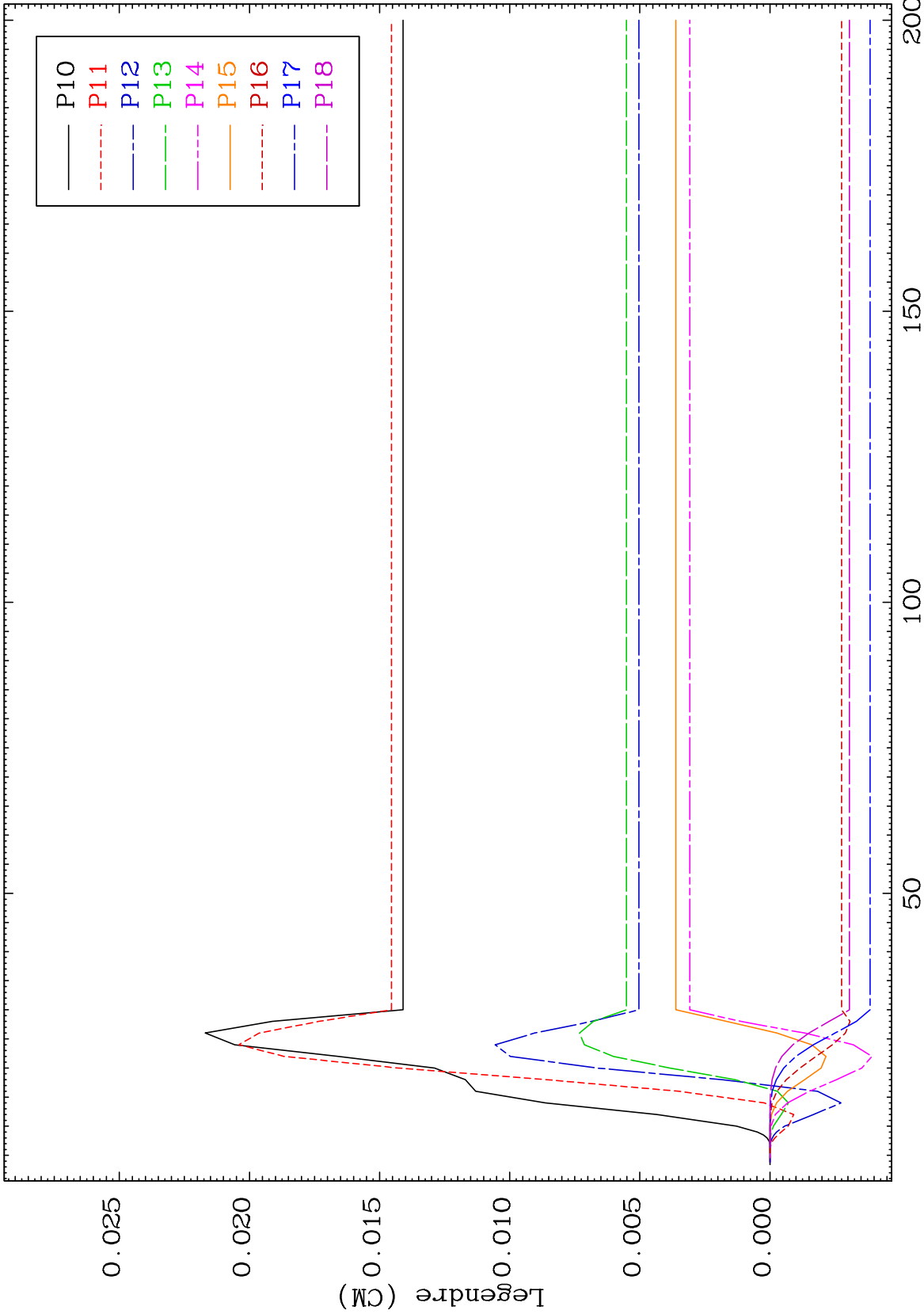
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



112

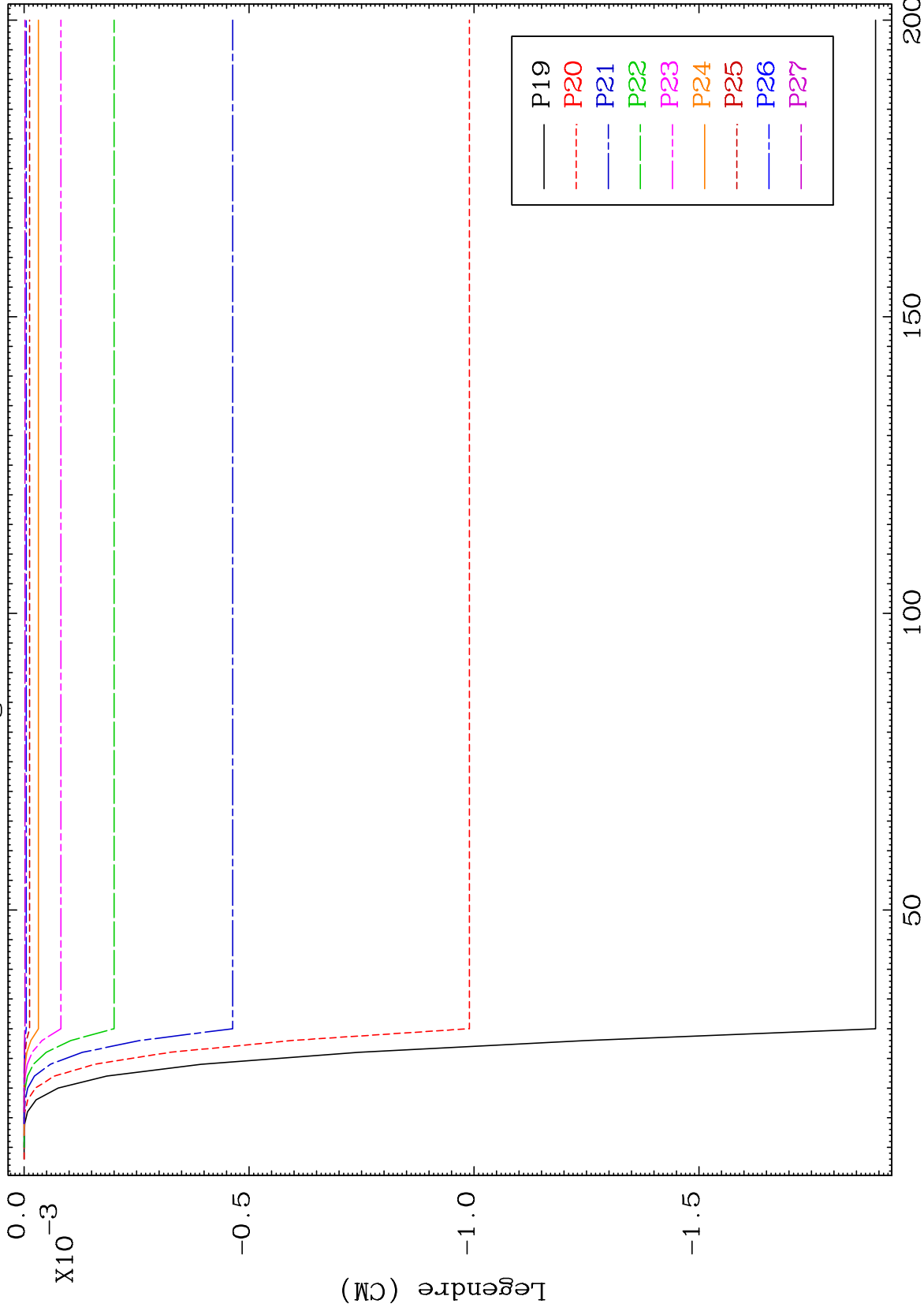
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

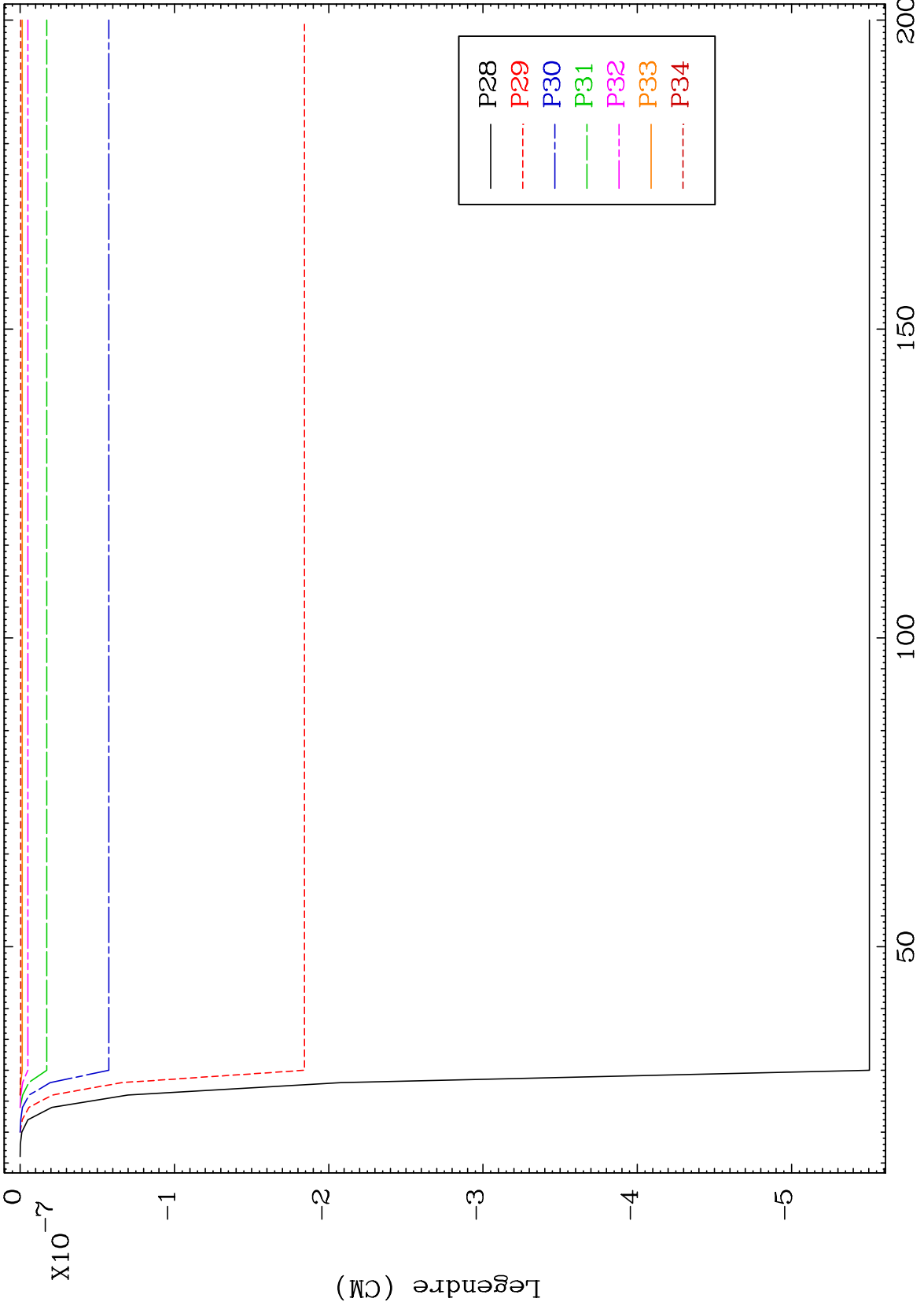


44-Ru-102

Incident Energy (MeV)

113

MAT 4443 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-102

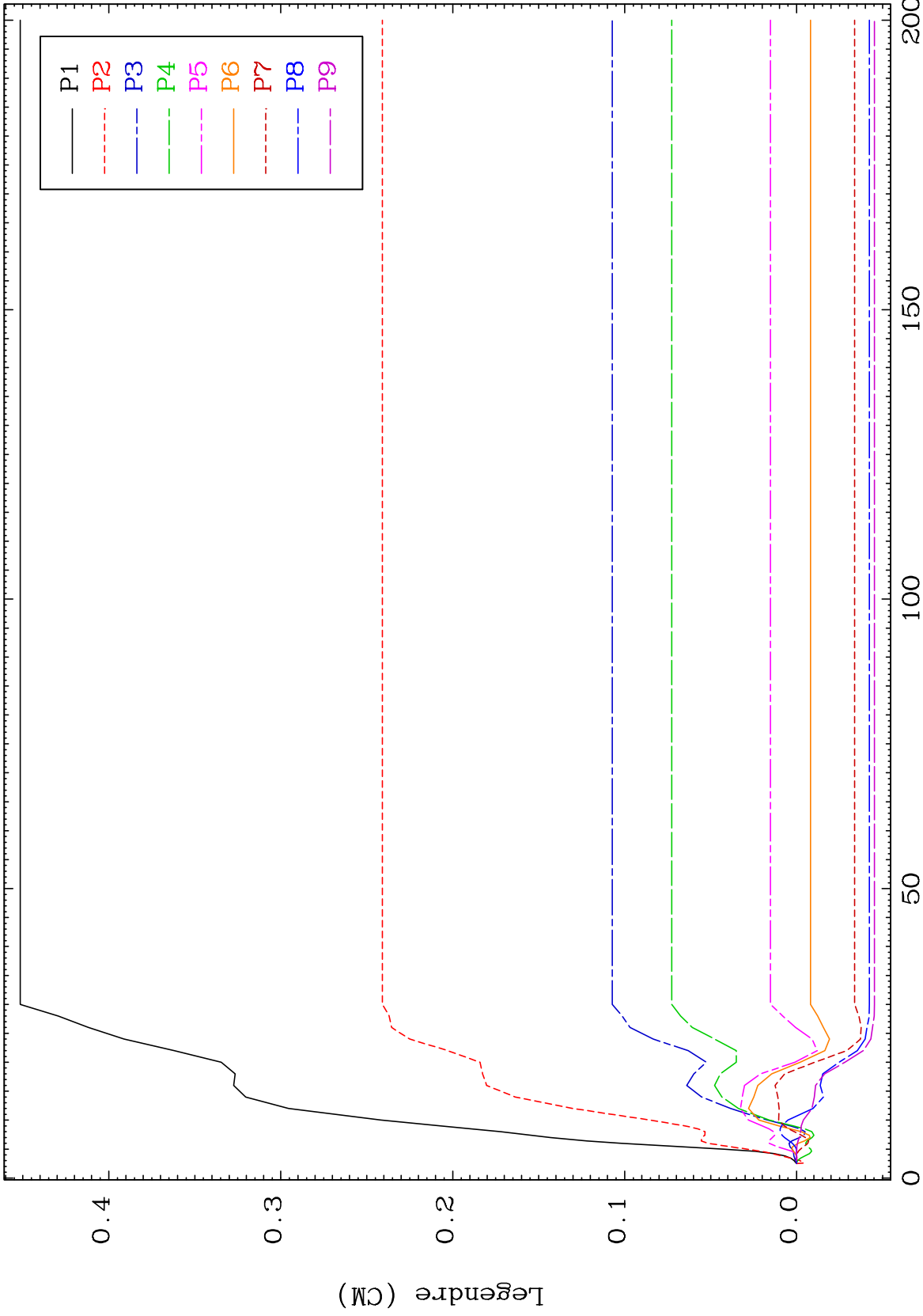


114 44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

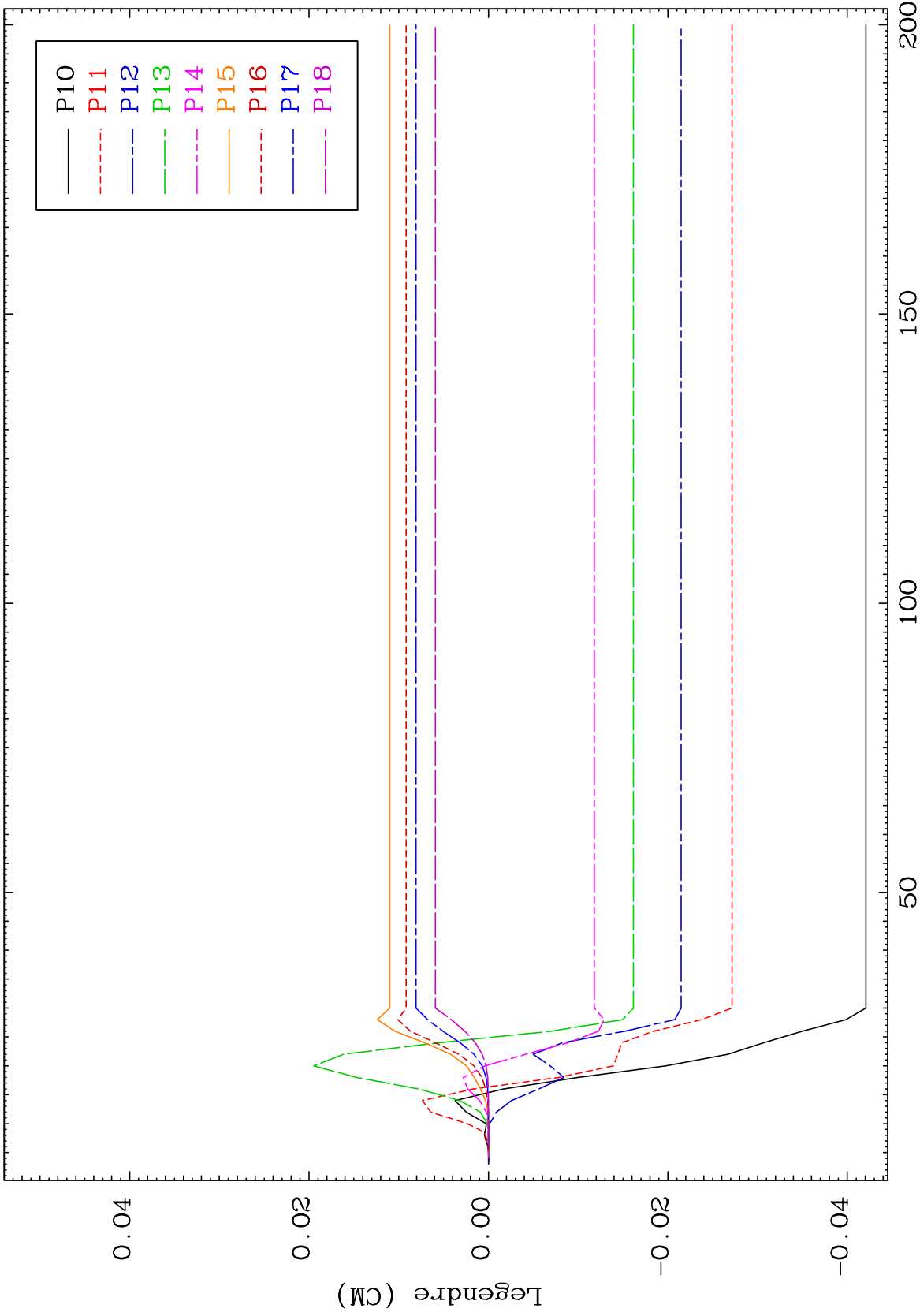
Incident Energy (MeV)

115

MAT 4443

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

44-Ru-102



116

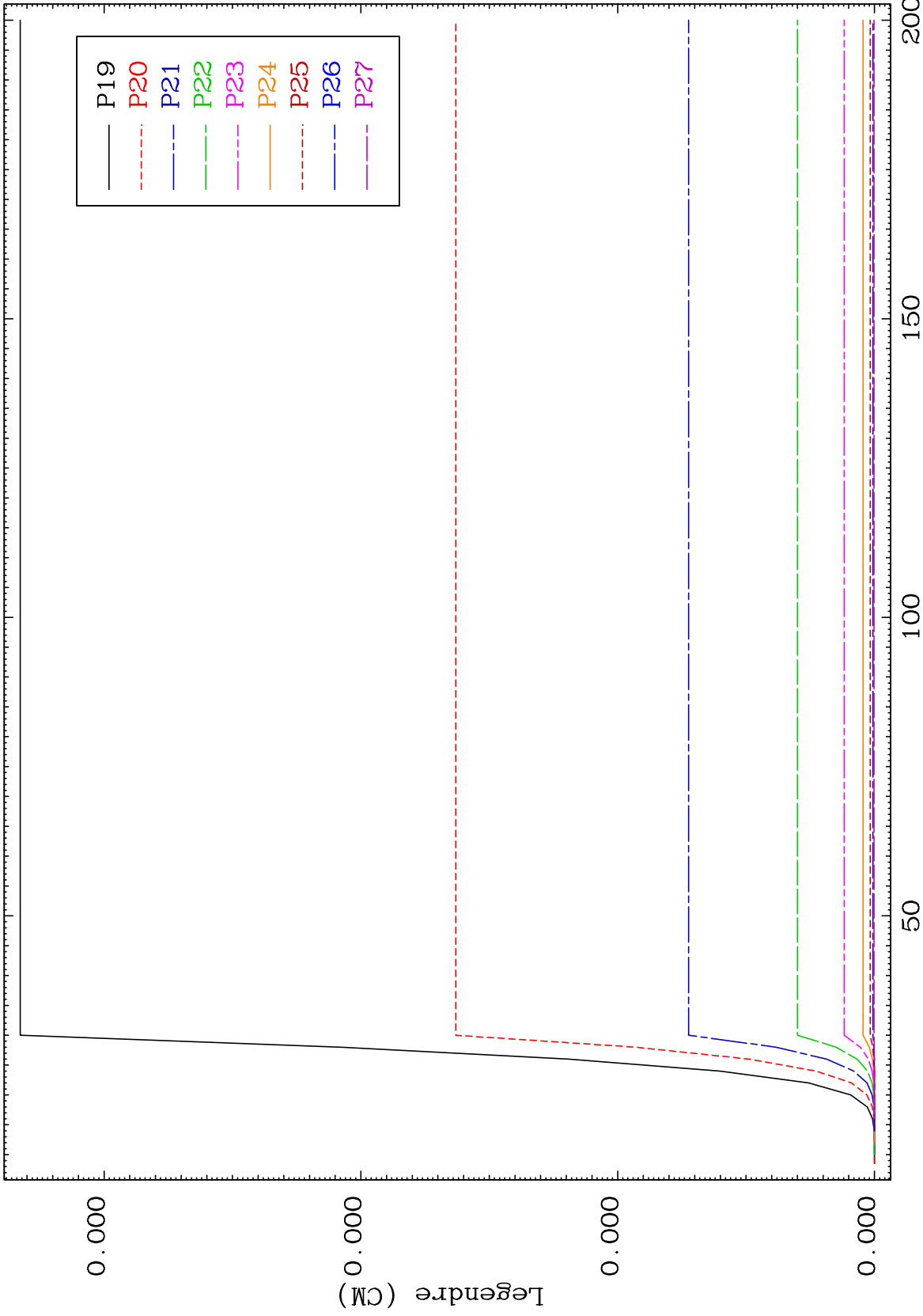
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



117

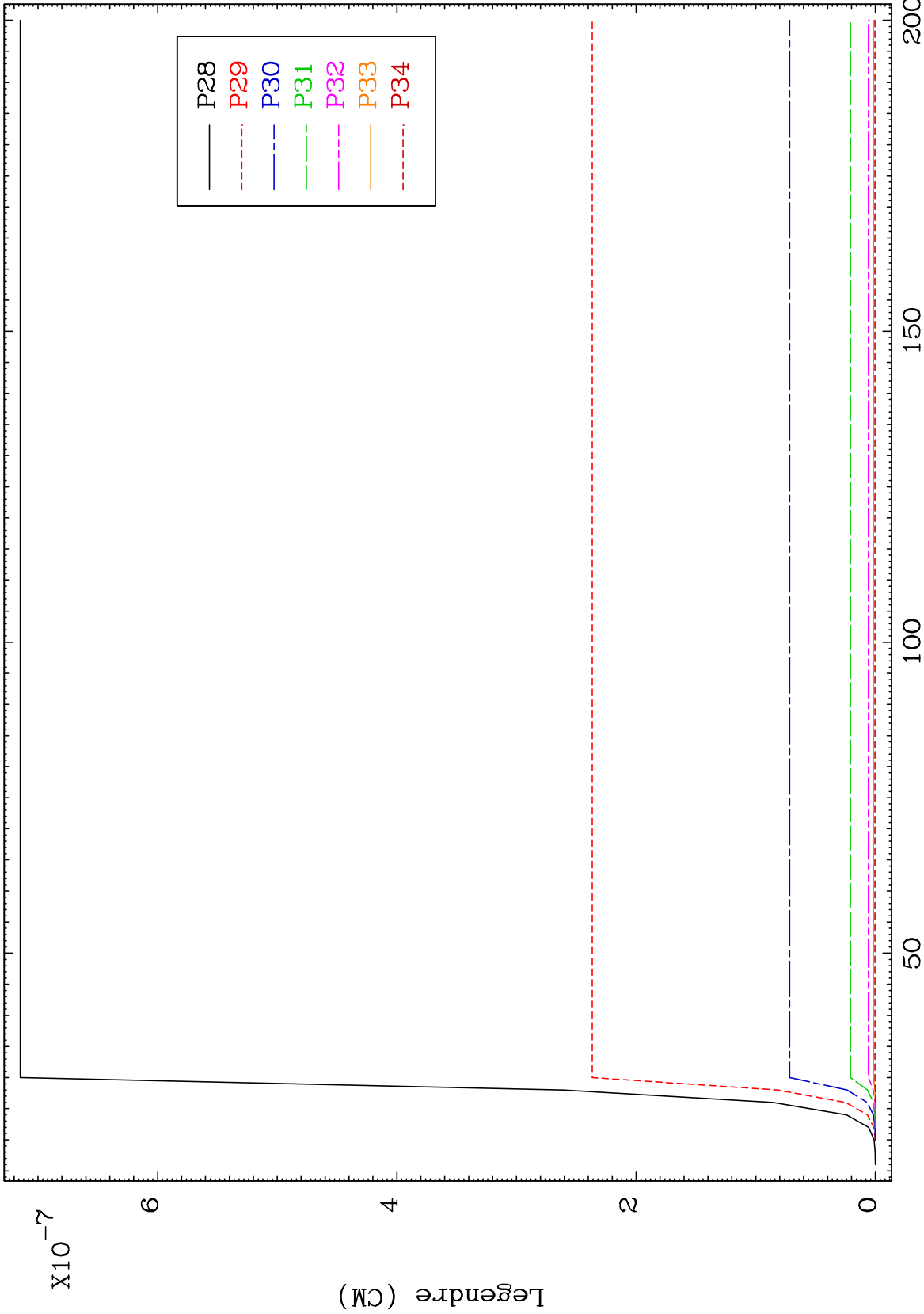
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



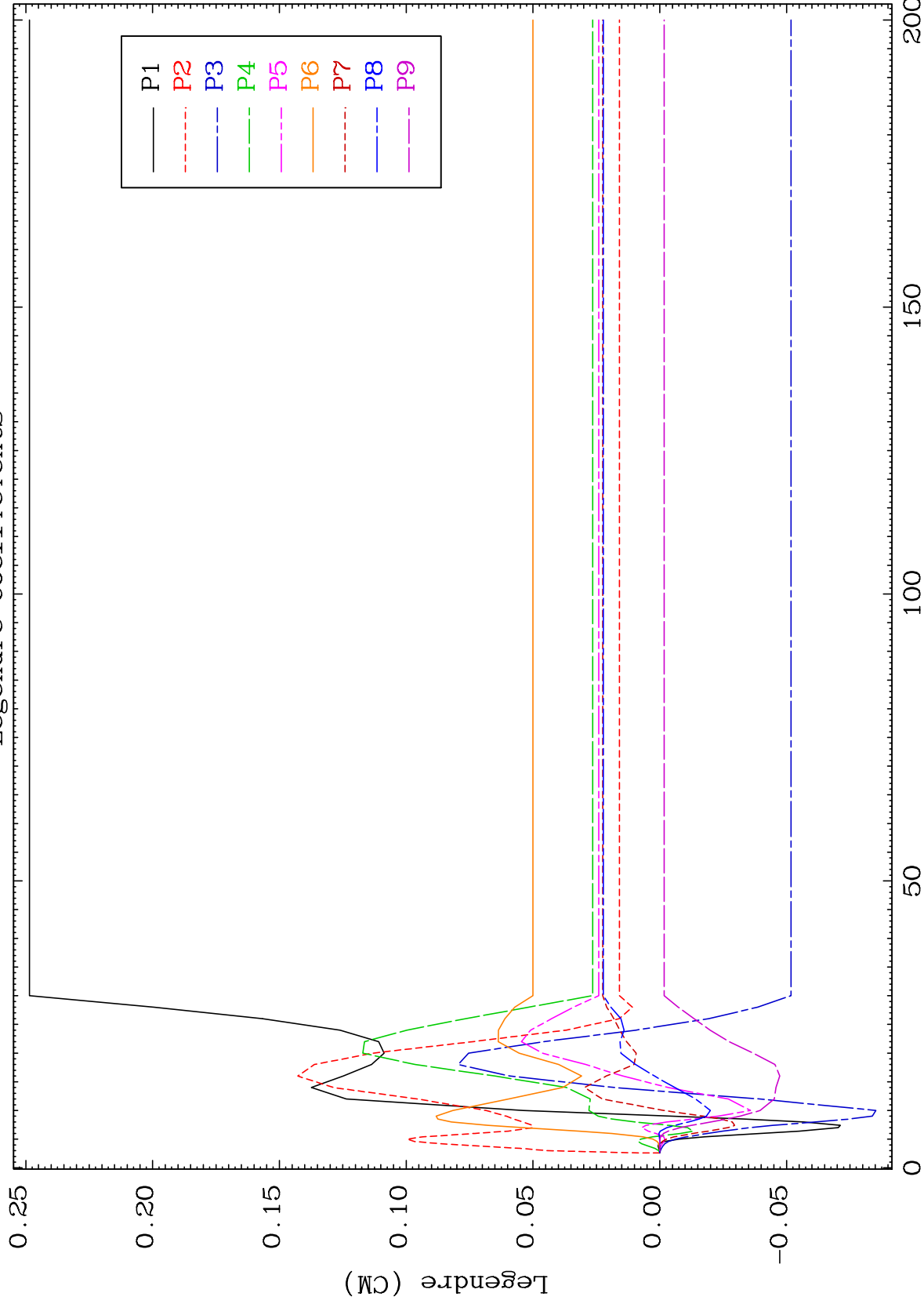
118

44-Ru-102

MAT 4443

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

44-Ru-102



119

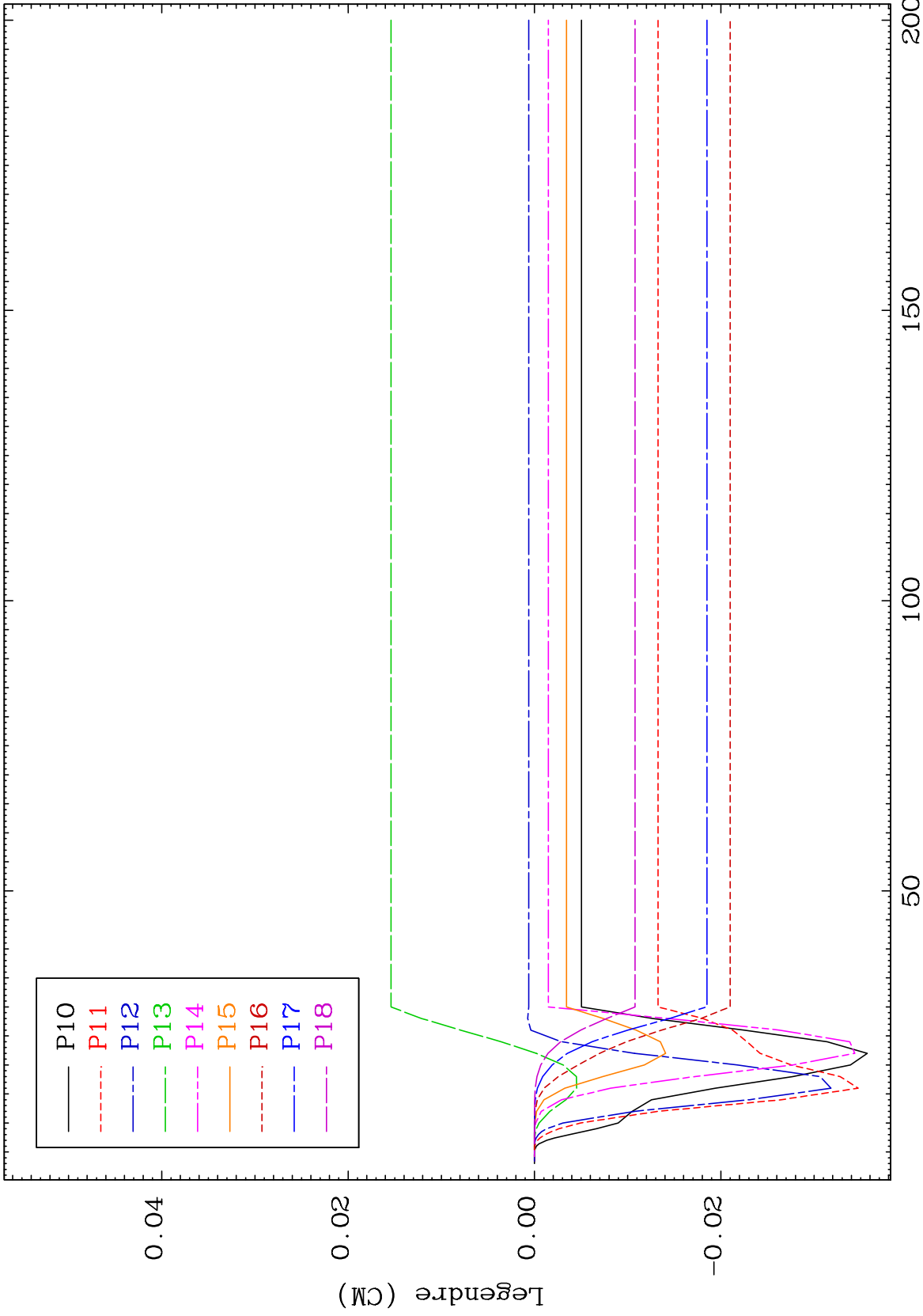
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

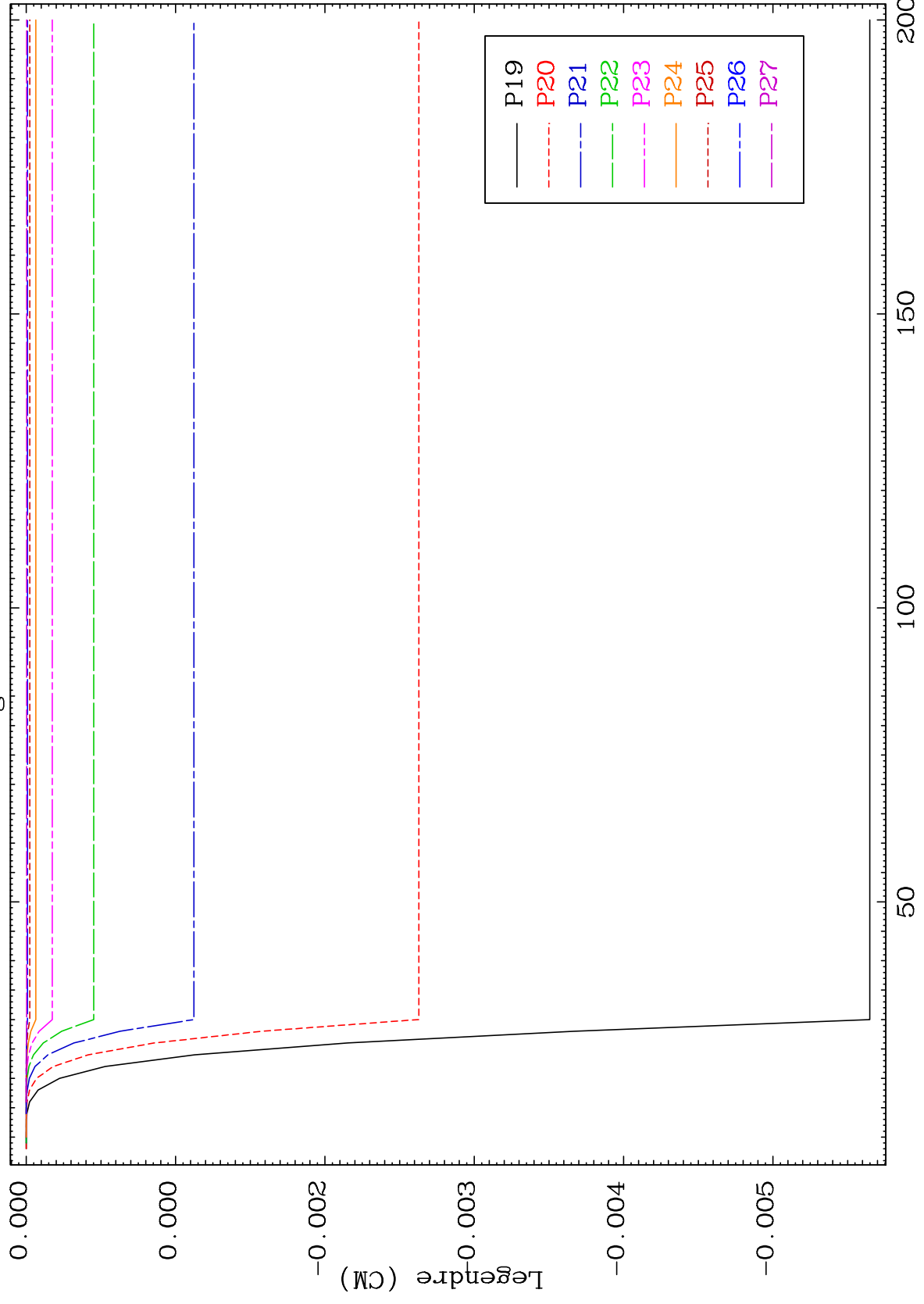


120

Incident Energy (MeV)

44-Ru-102

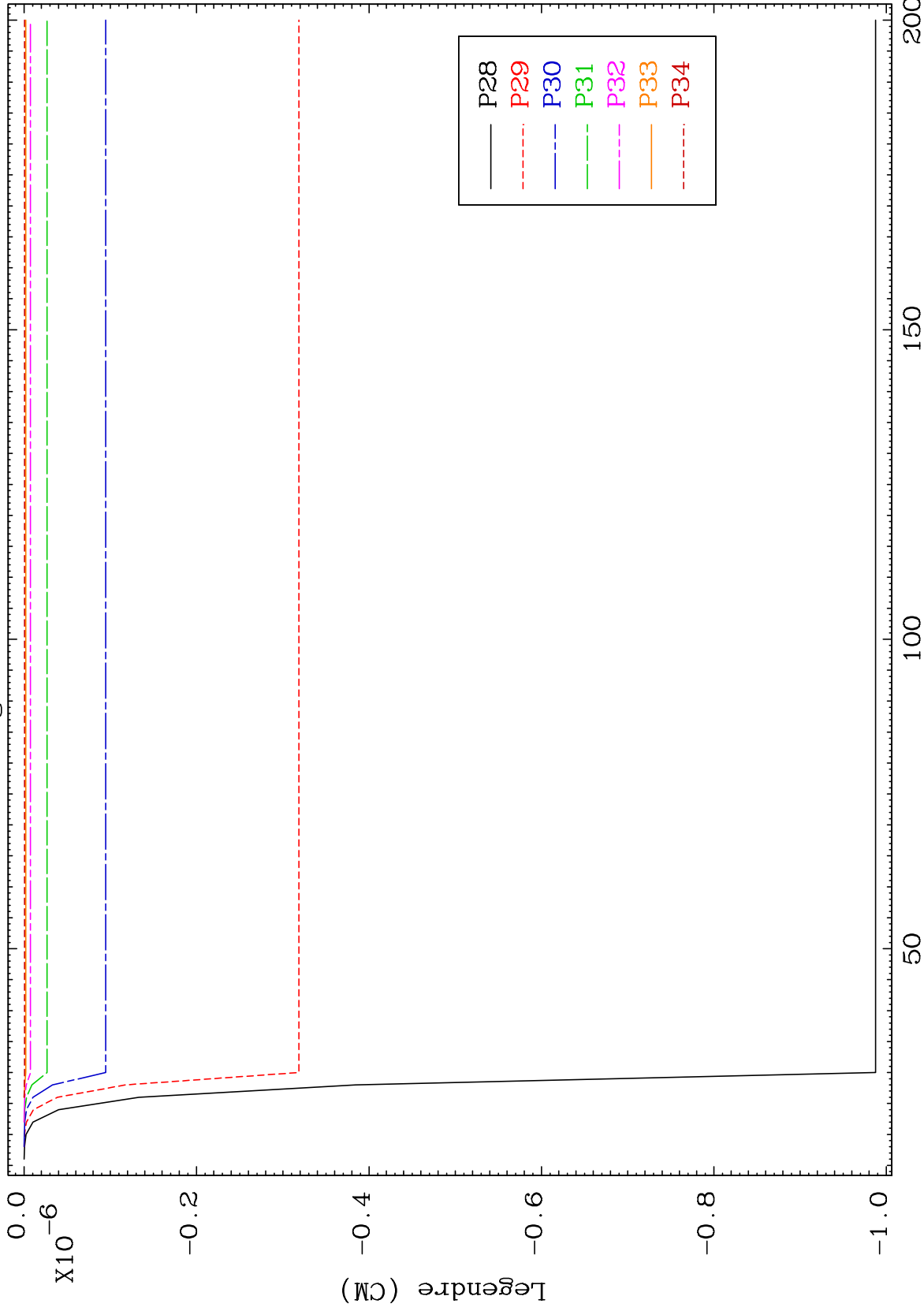
MAT 4443 MT= 77 (n,n') Level Legendre Coefficients 44-Ru-102



MAT 4443

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

44-Ru-102



122

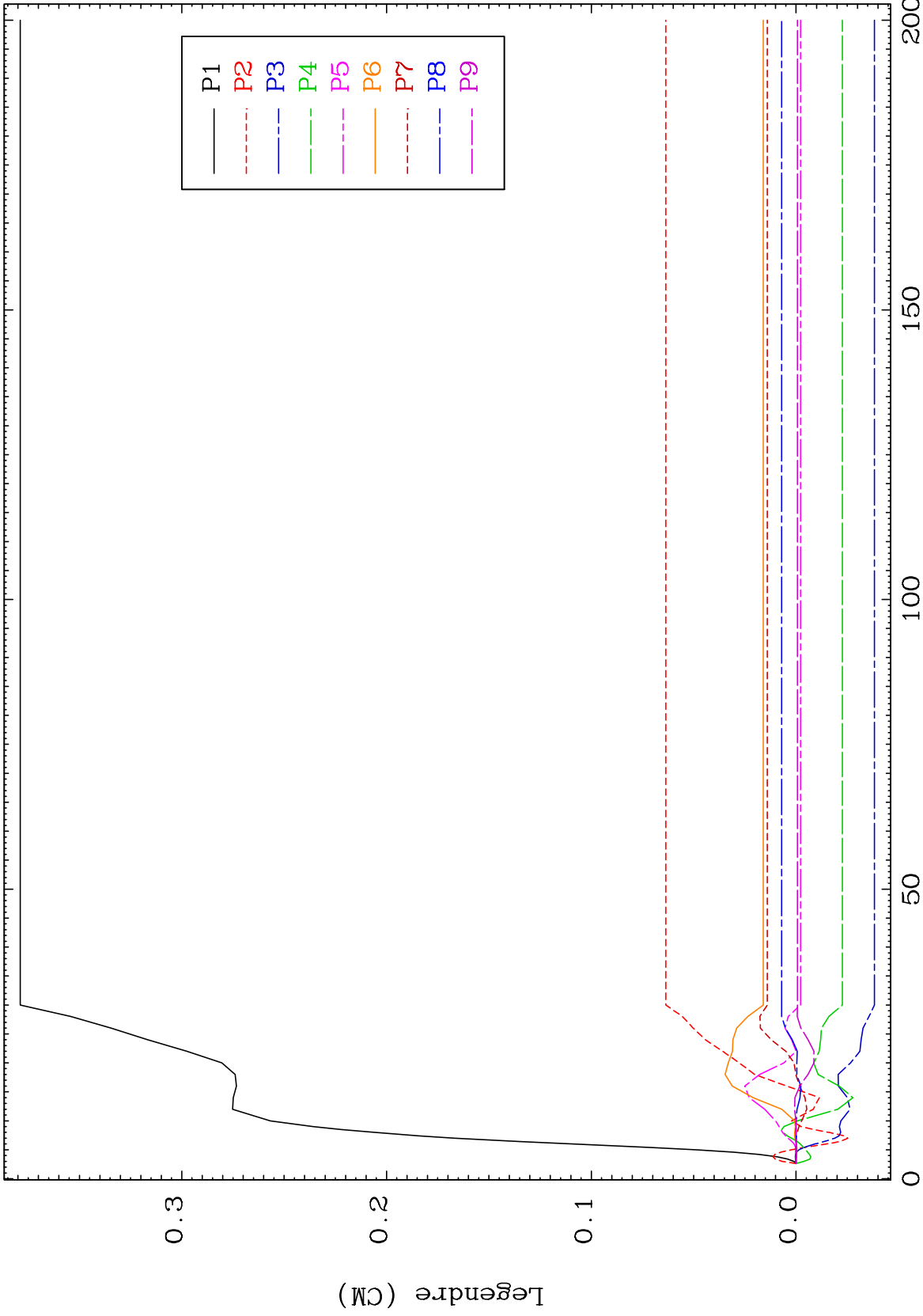
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



123

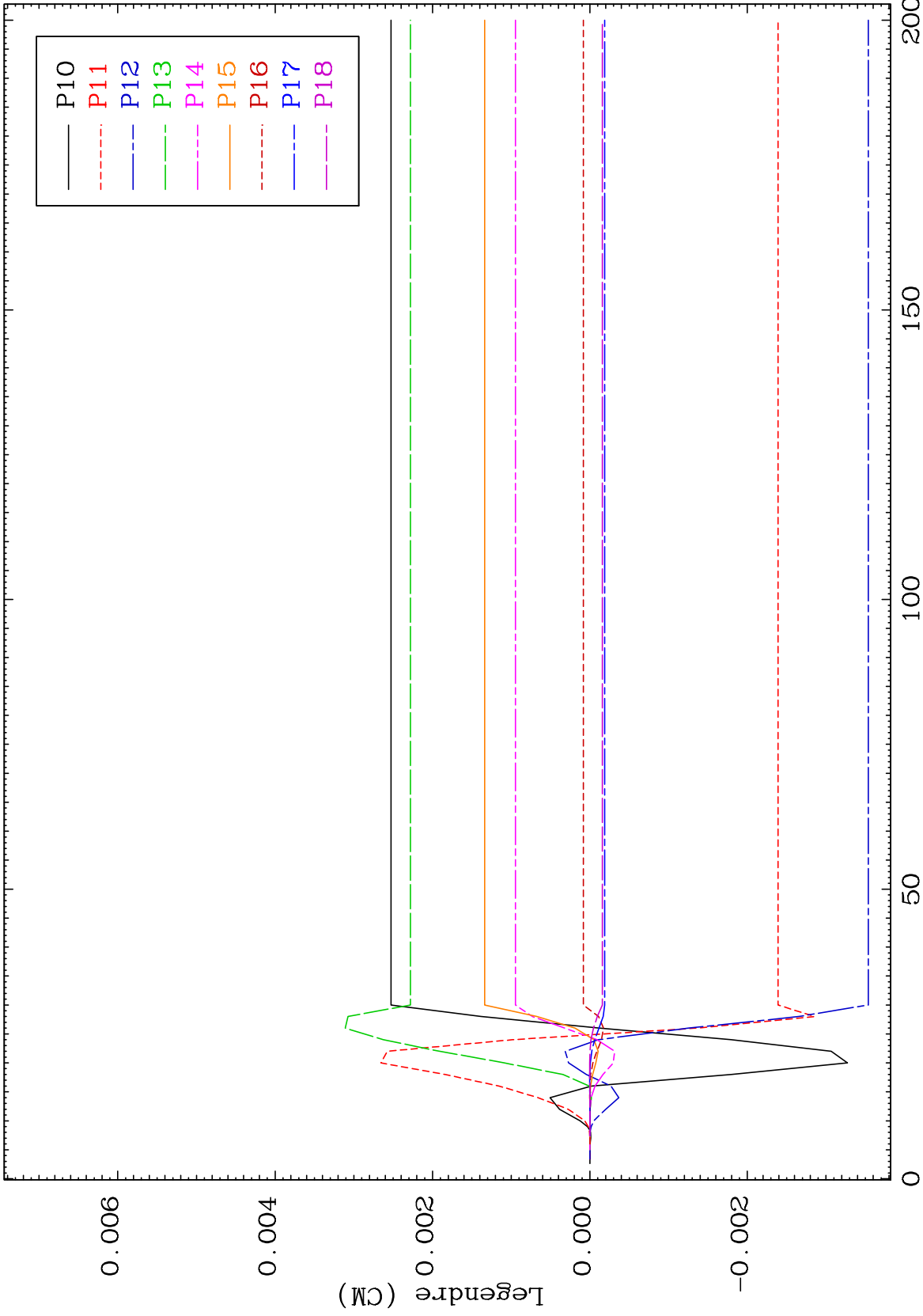
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



124

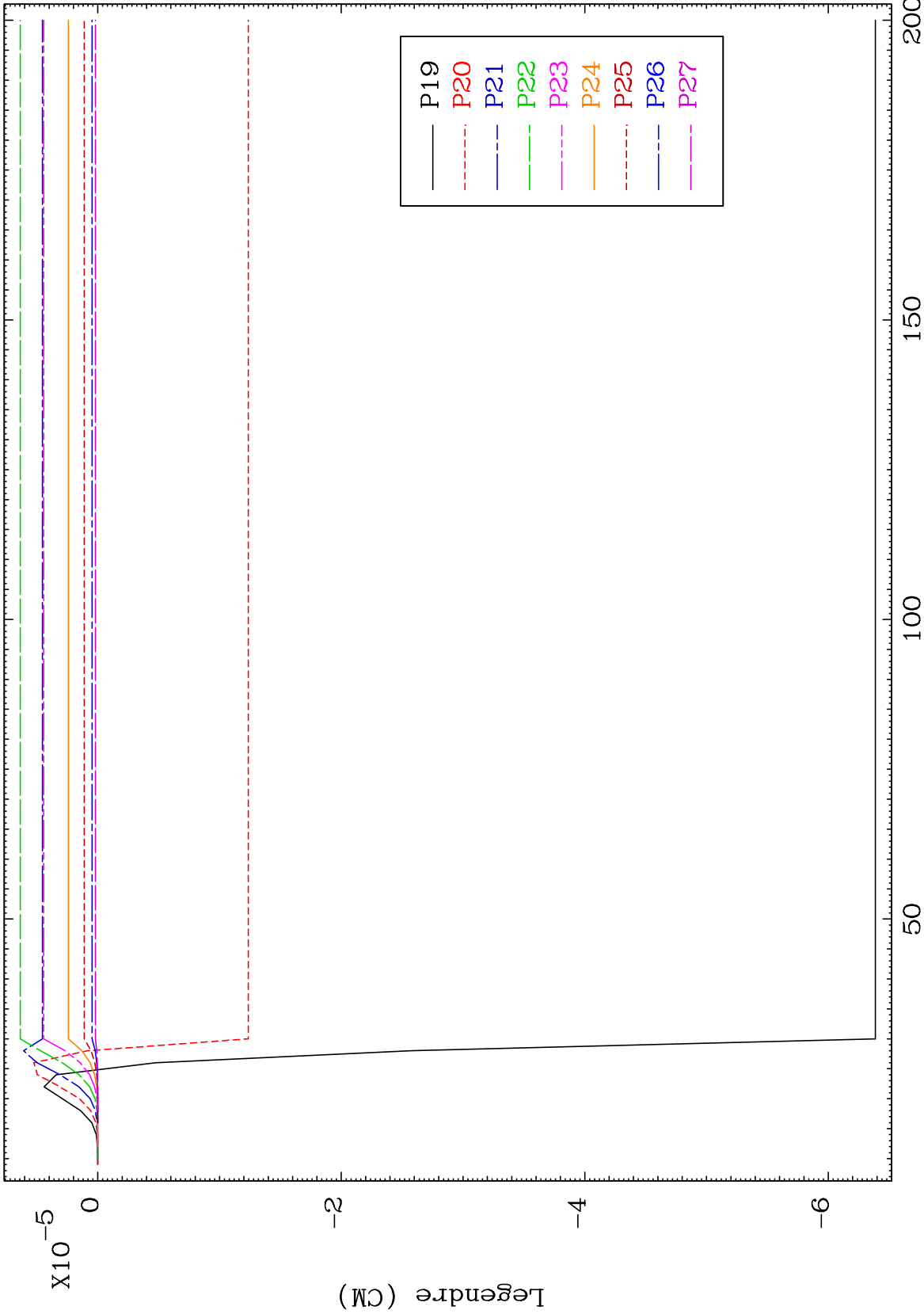
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



125

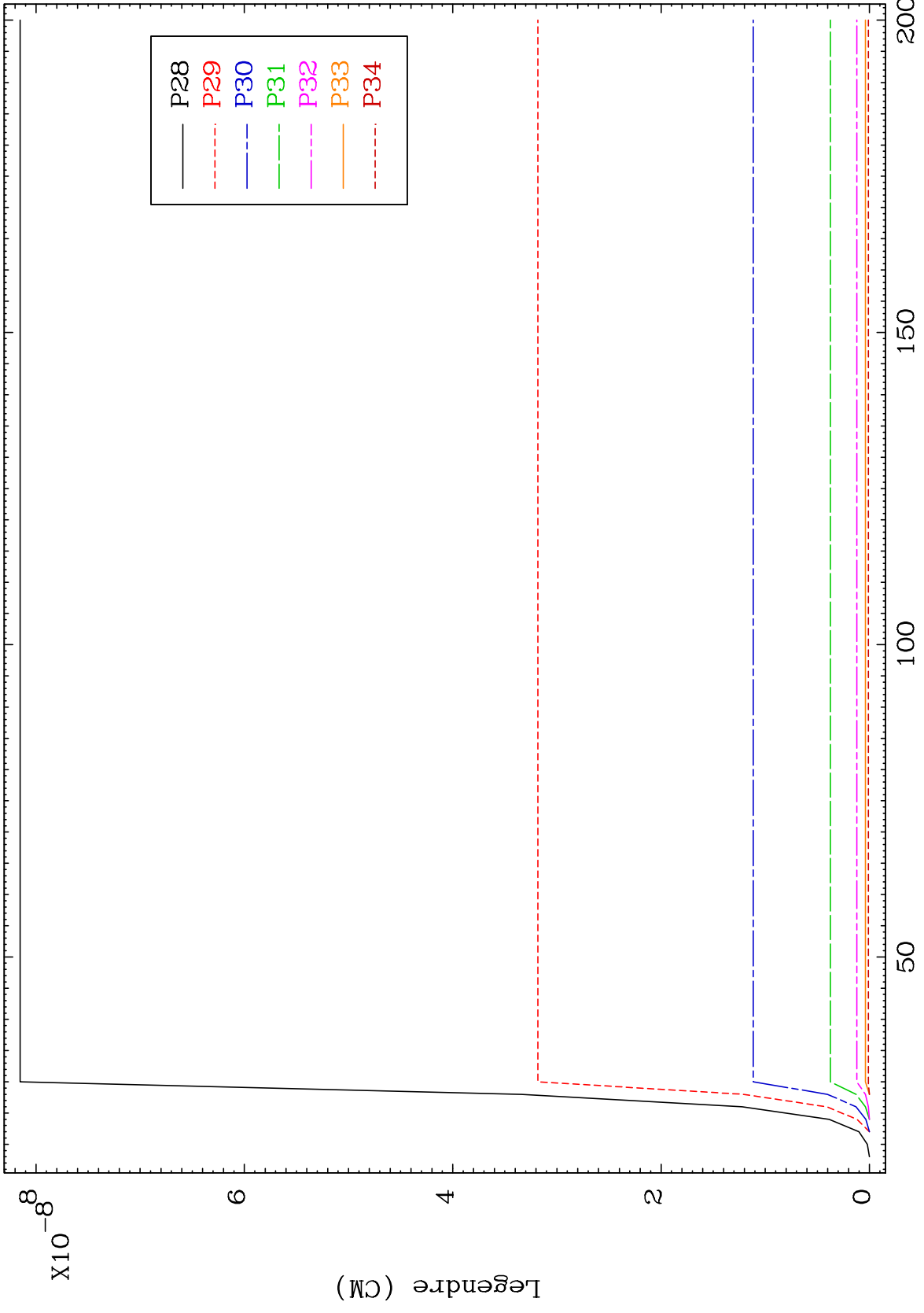
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



126

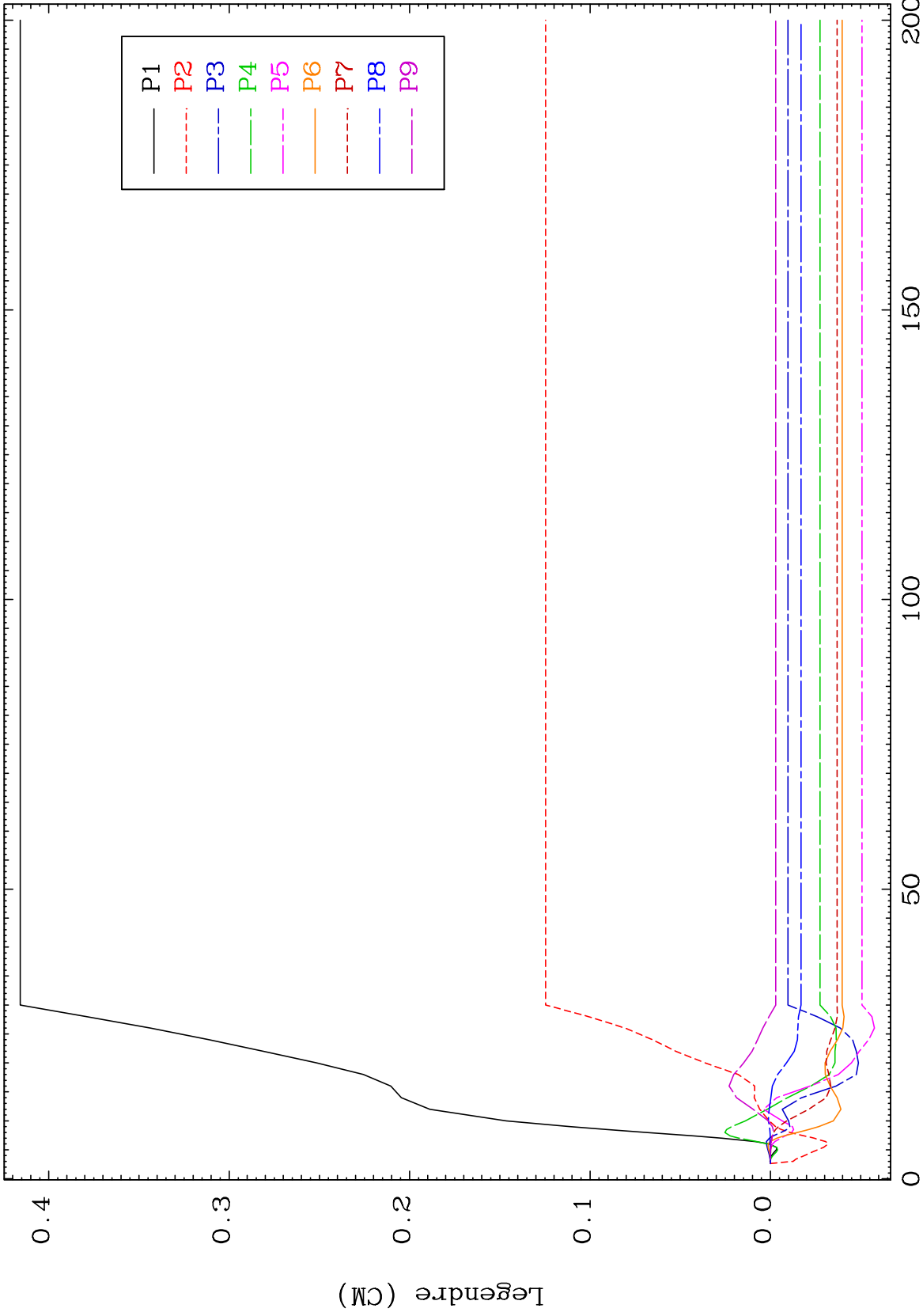
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



127

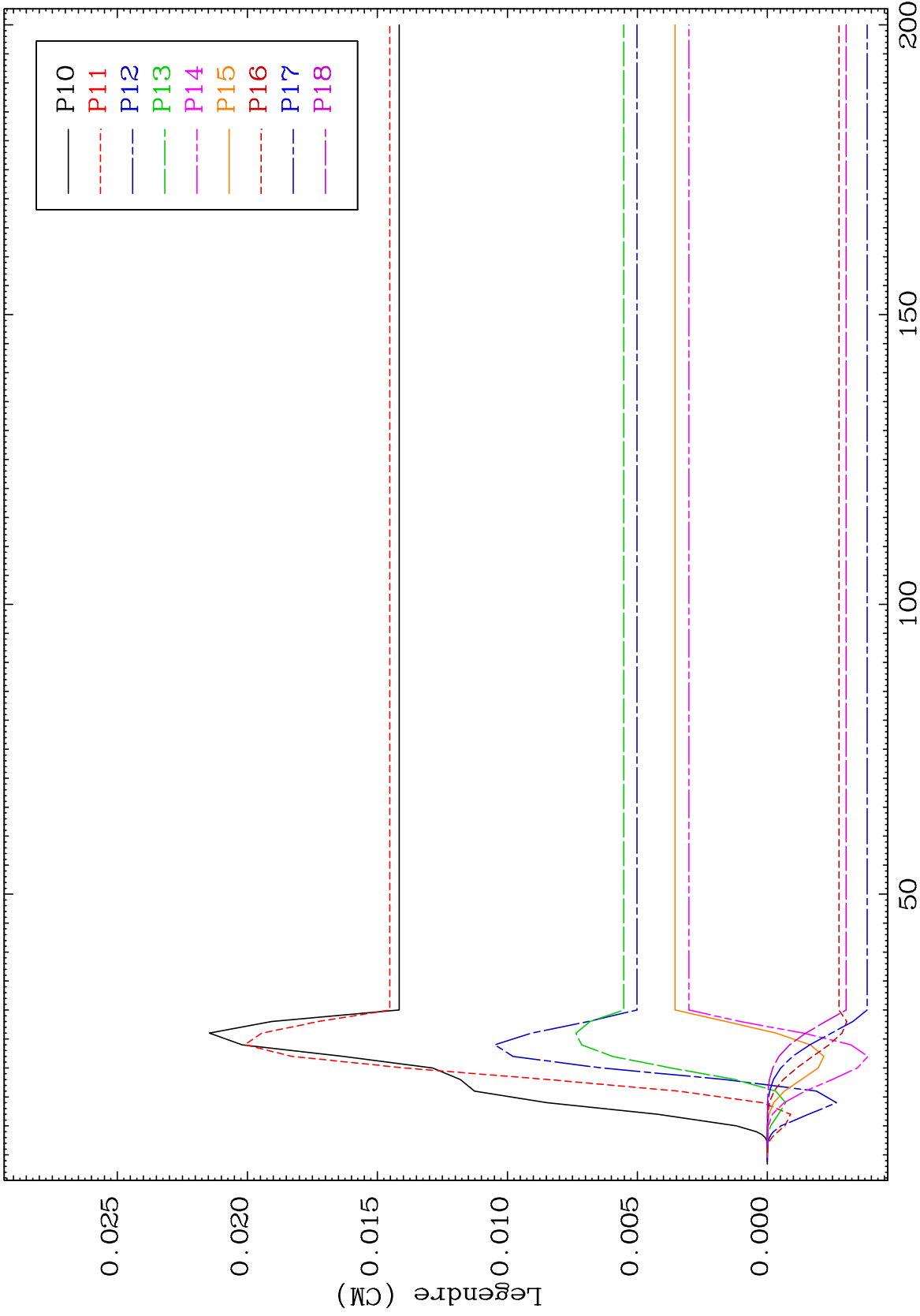
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

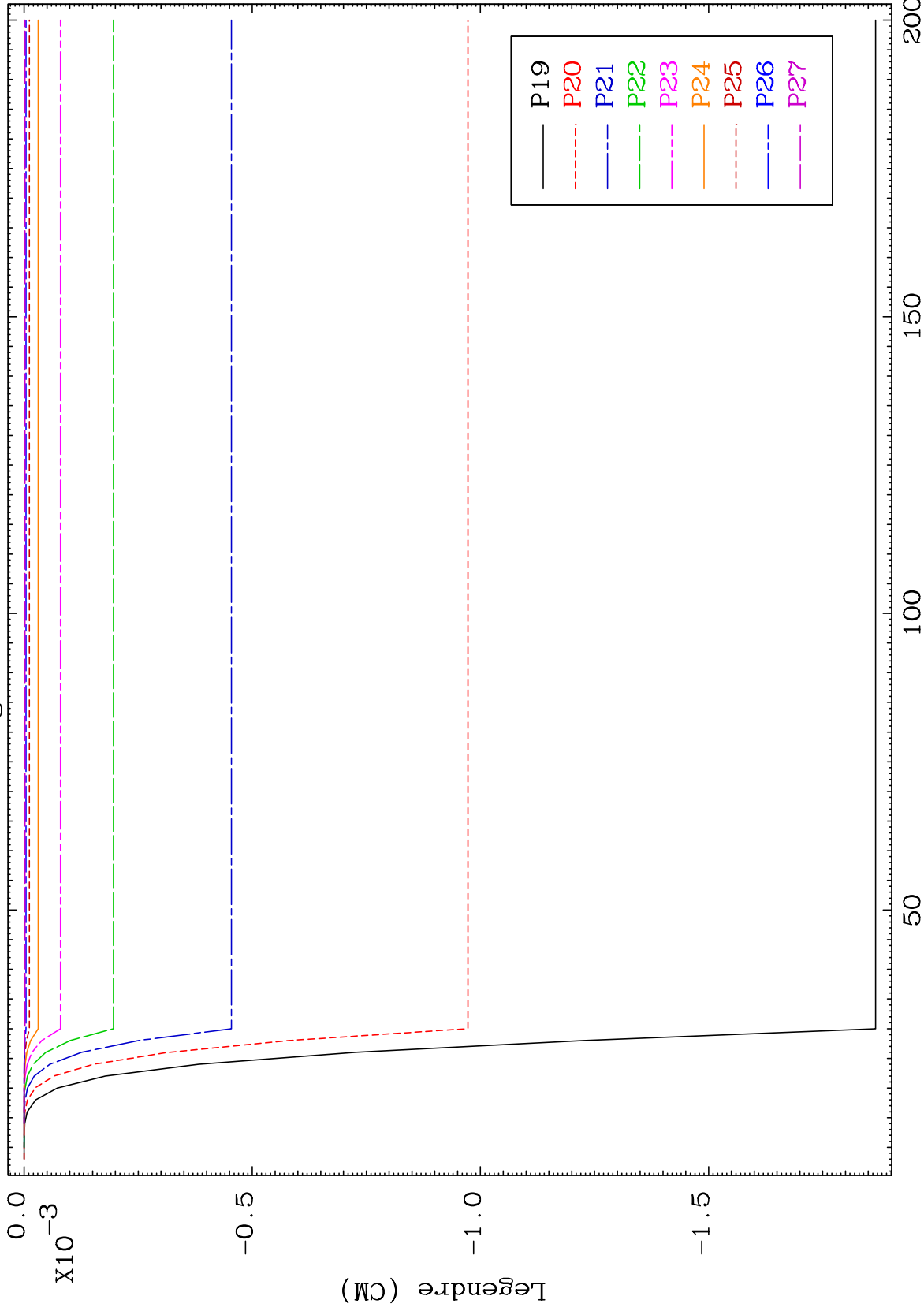
44-Ru-102



MAT 4443

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

44-Ru-102

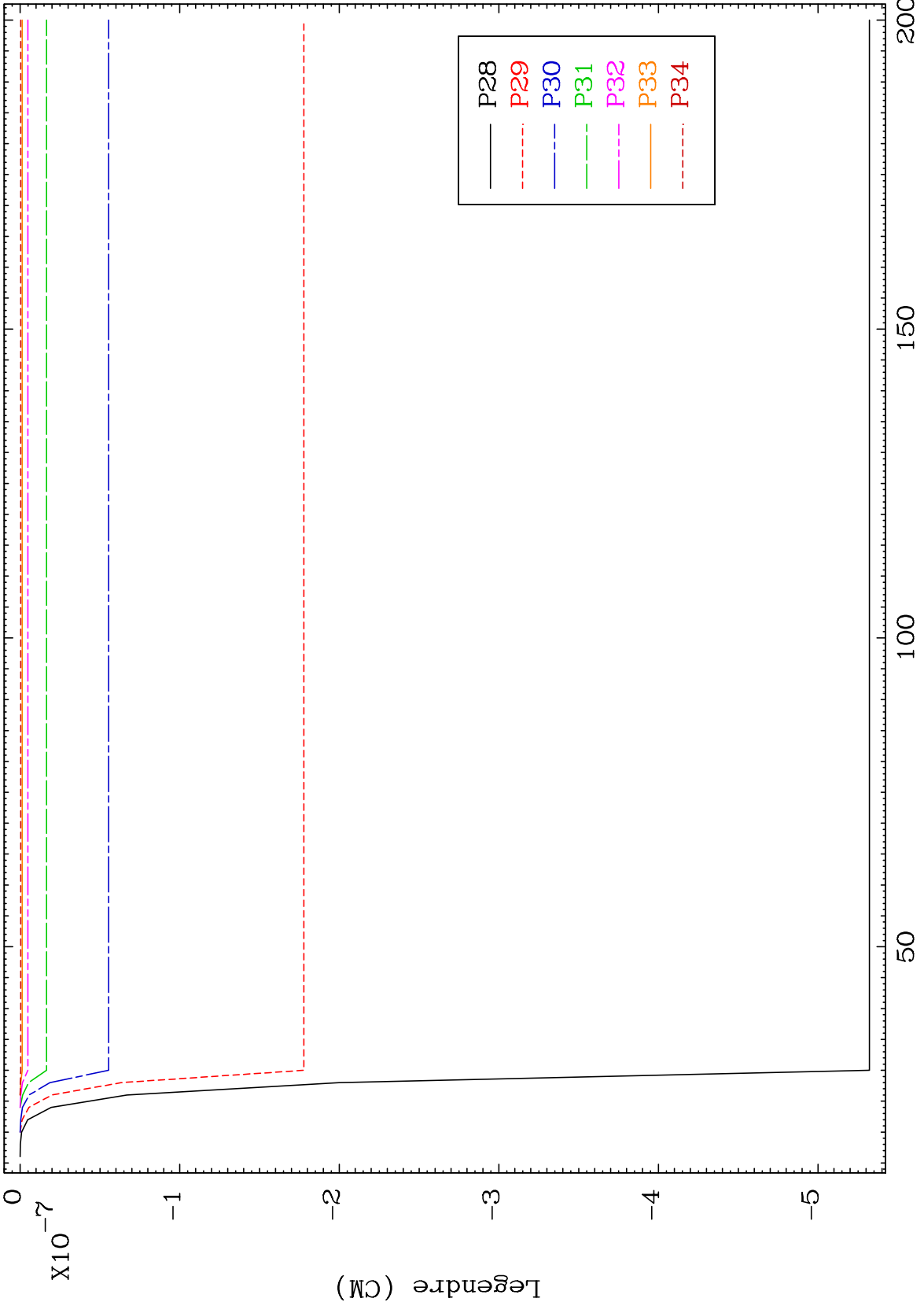


44-Ru-102

Incident Energy (MeV)

129

MAT 4443 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-102

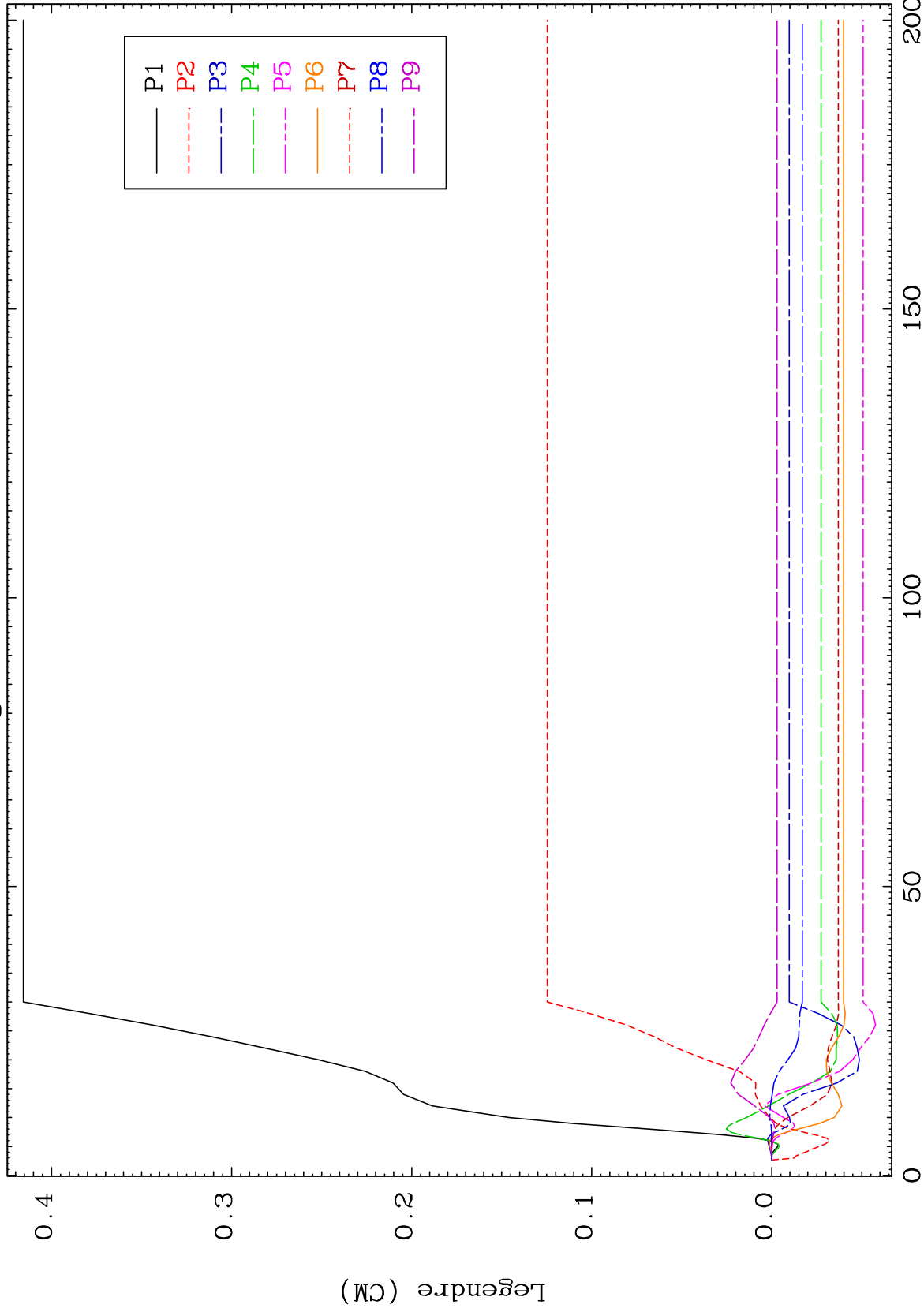


130 44-Ru-102

MAT 4443

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

44-Ru-102



131

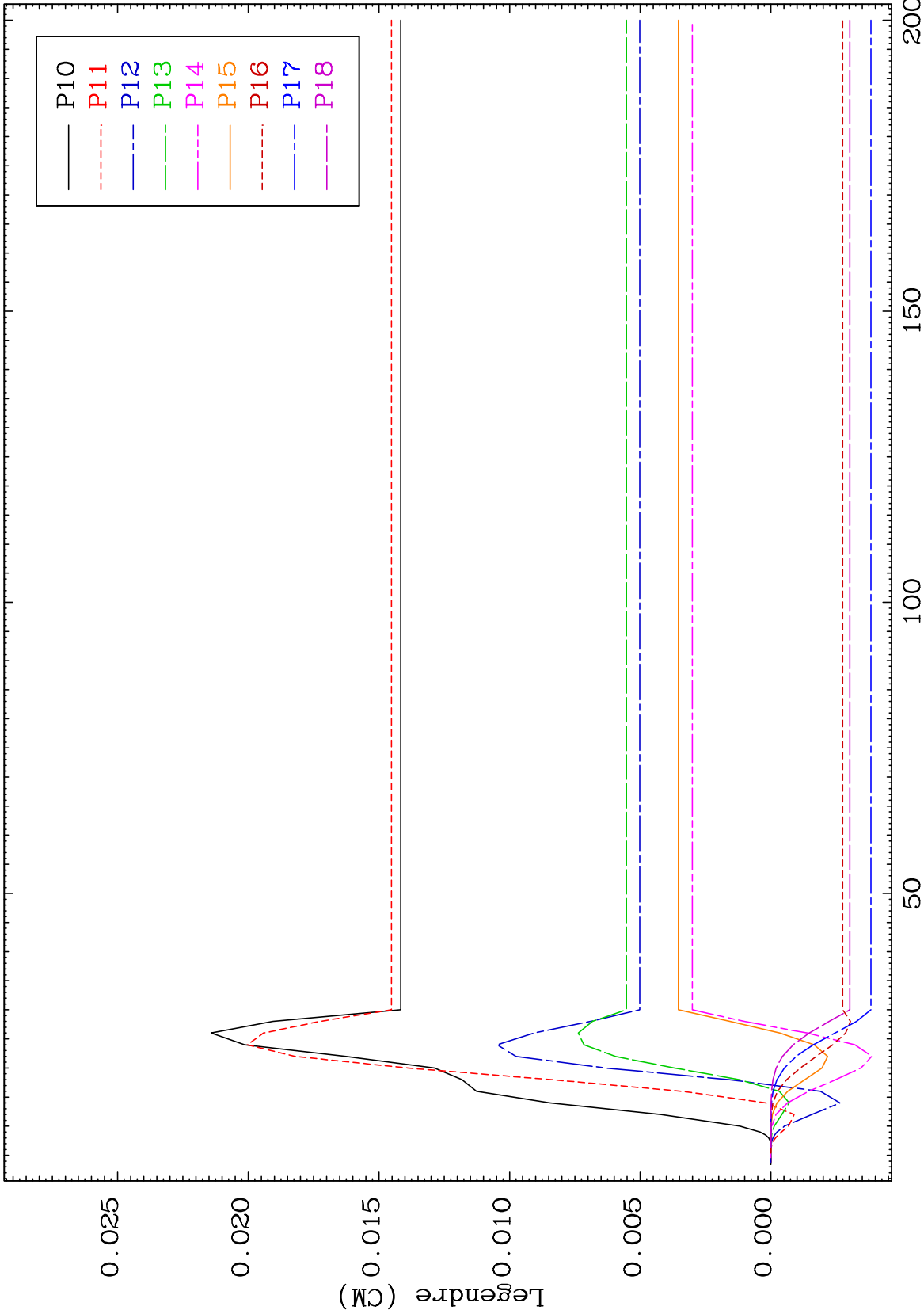
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



132

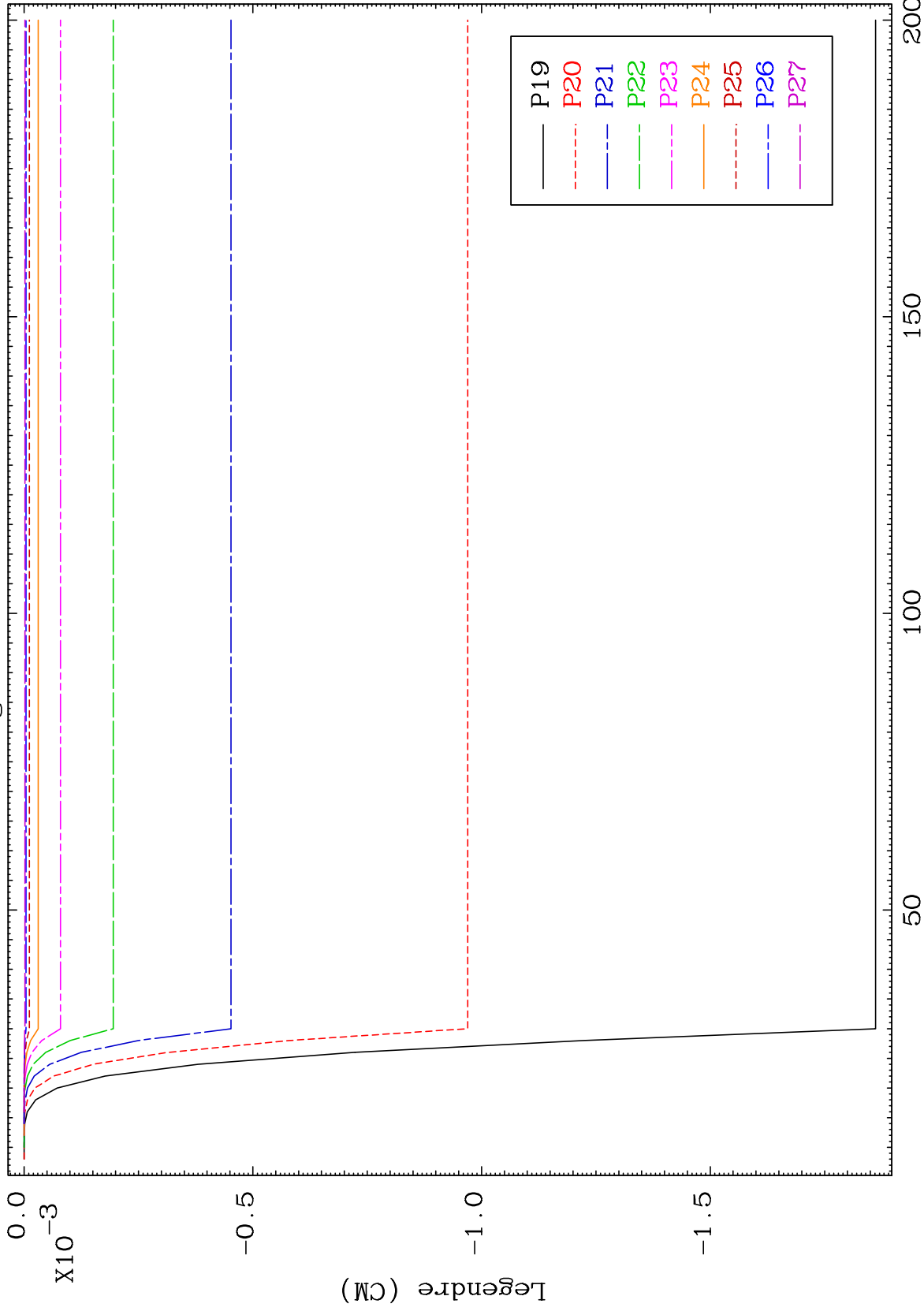
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

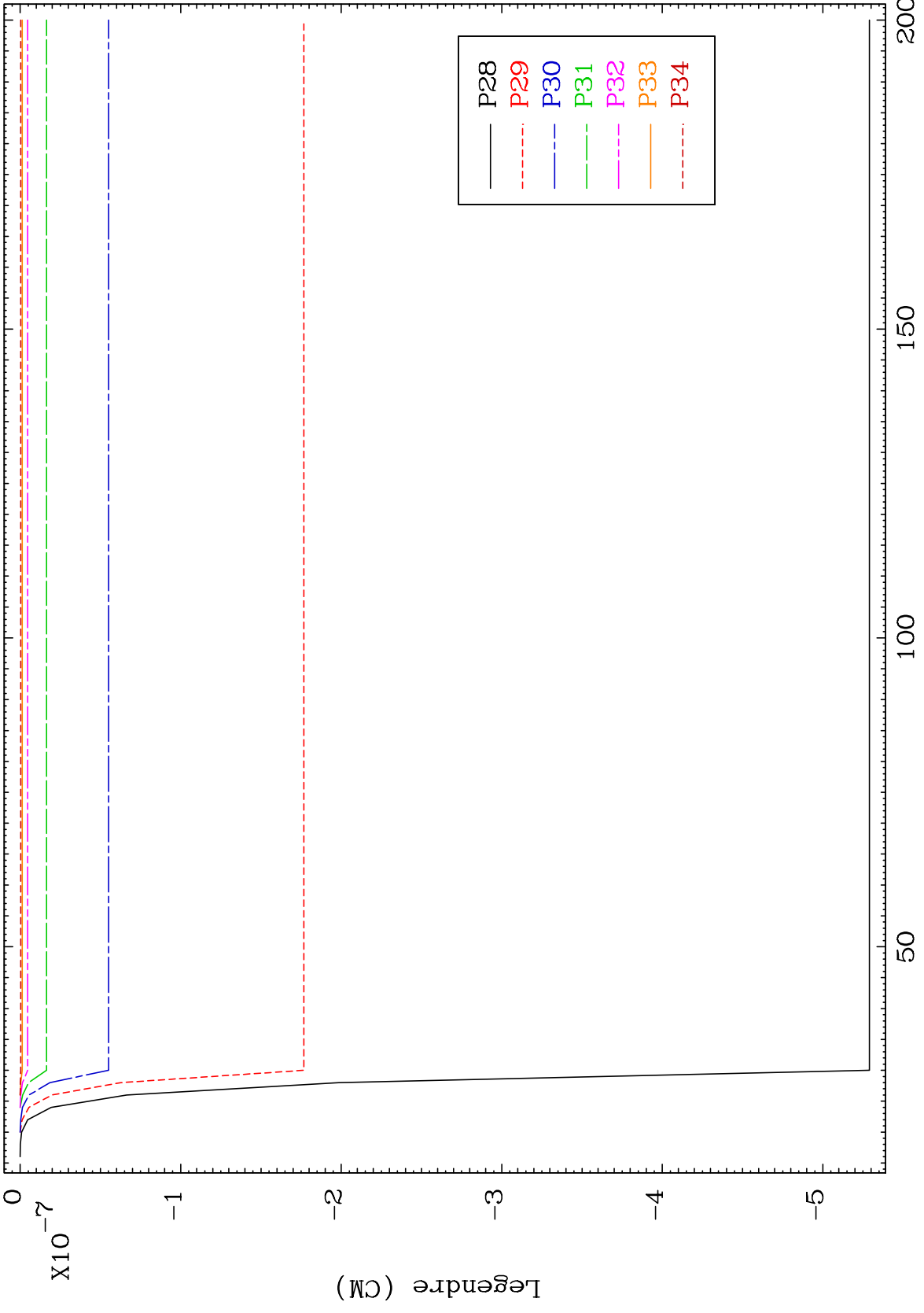


44-Ru-102

Incident Energy (MeV)

133

MAT 4443 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-102



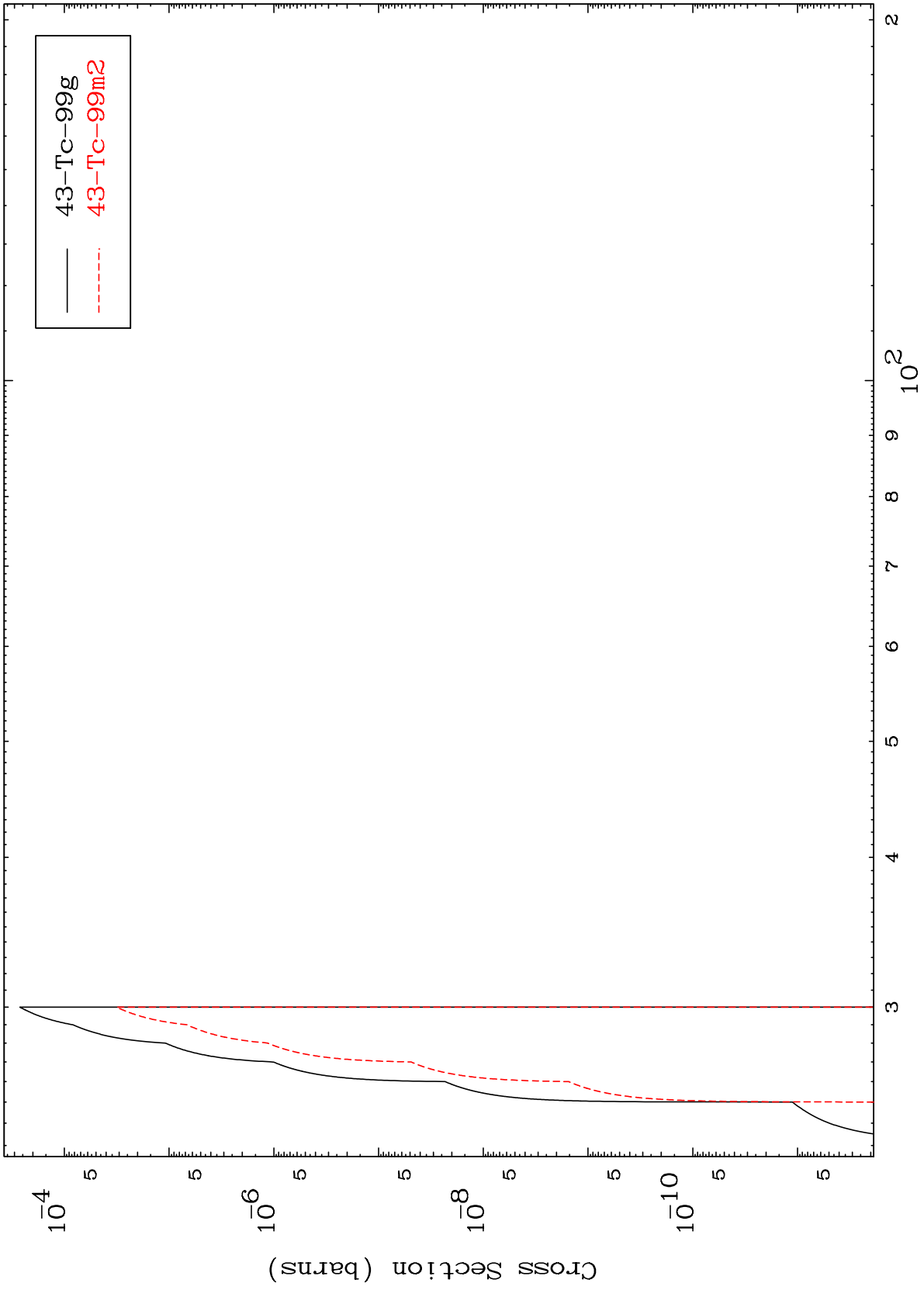
134 44-Ru-102

MAT 4443

(n,2n) d

44-Ru-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

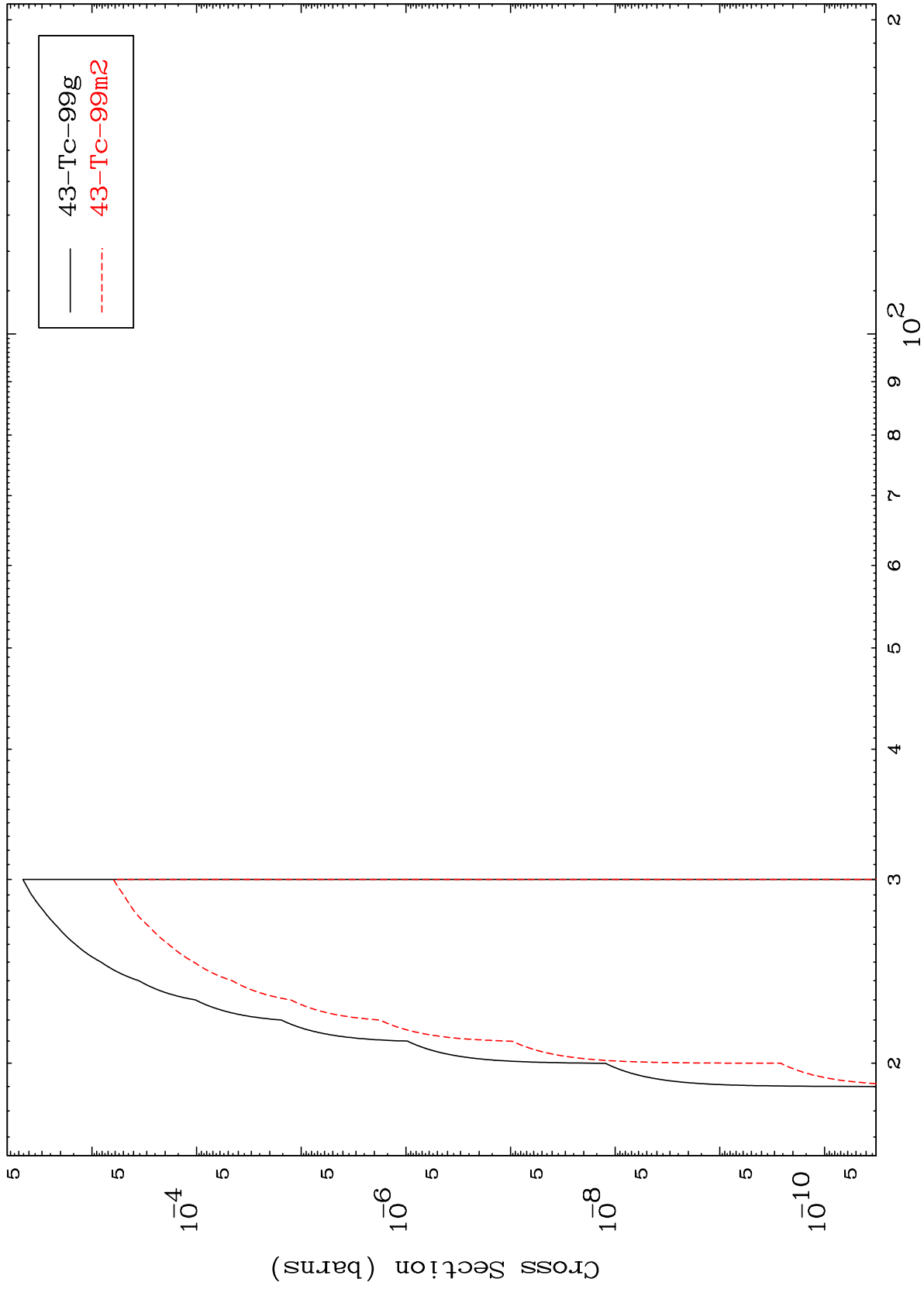
44-Ru-102

MAT 4443

(n,n') t

44-Ru-102

Radionuclide Production Cross Section



136

Incident Energy (MeV)

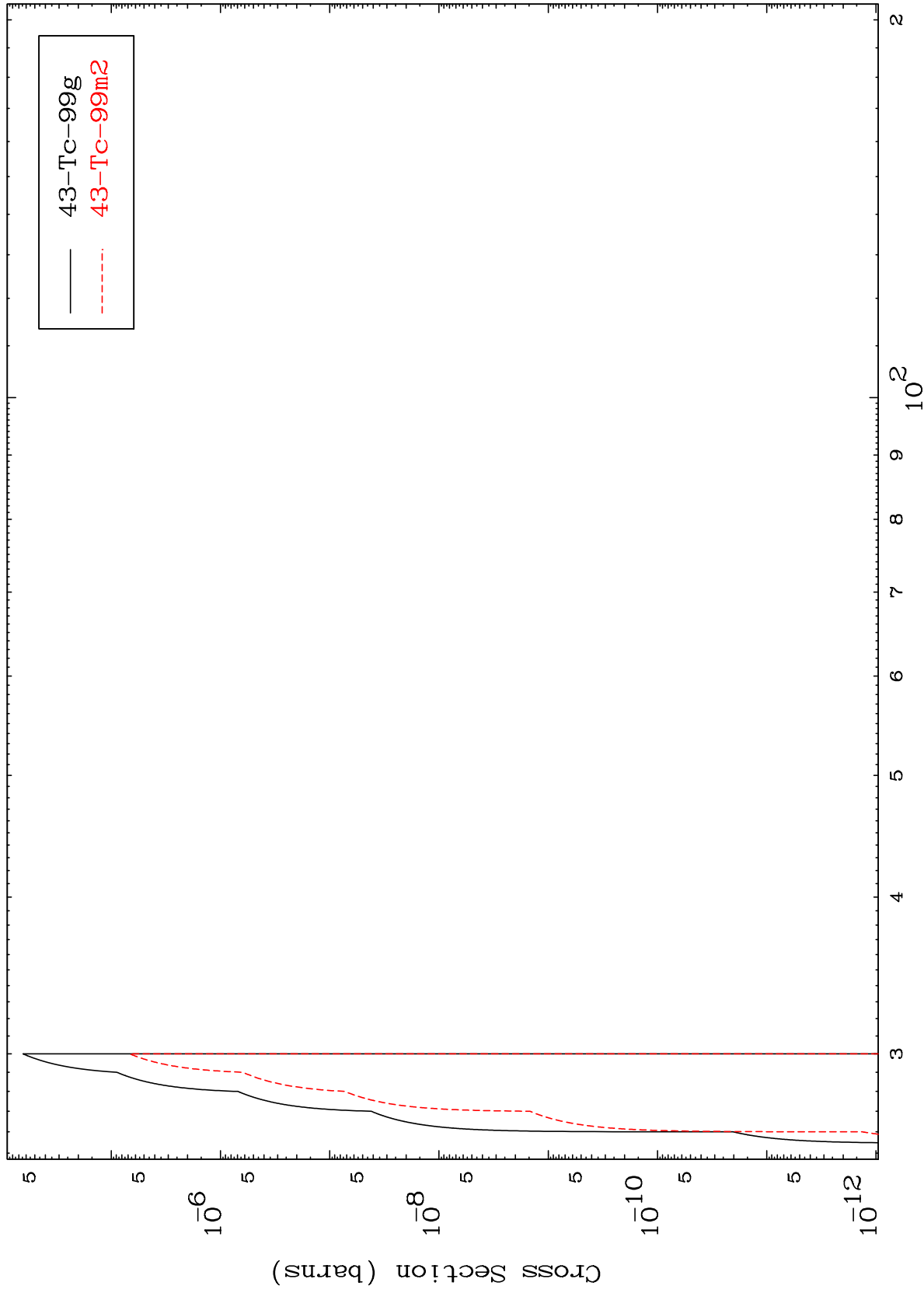
44-Ru-102

MAT 4443

(n,3n) p

44-Ru-102

Radionuclide Production Cross Section



137

Incident Energy (MeV)

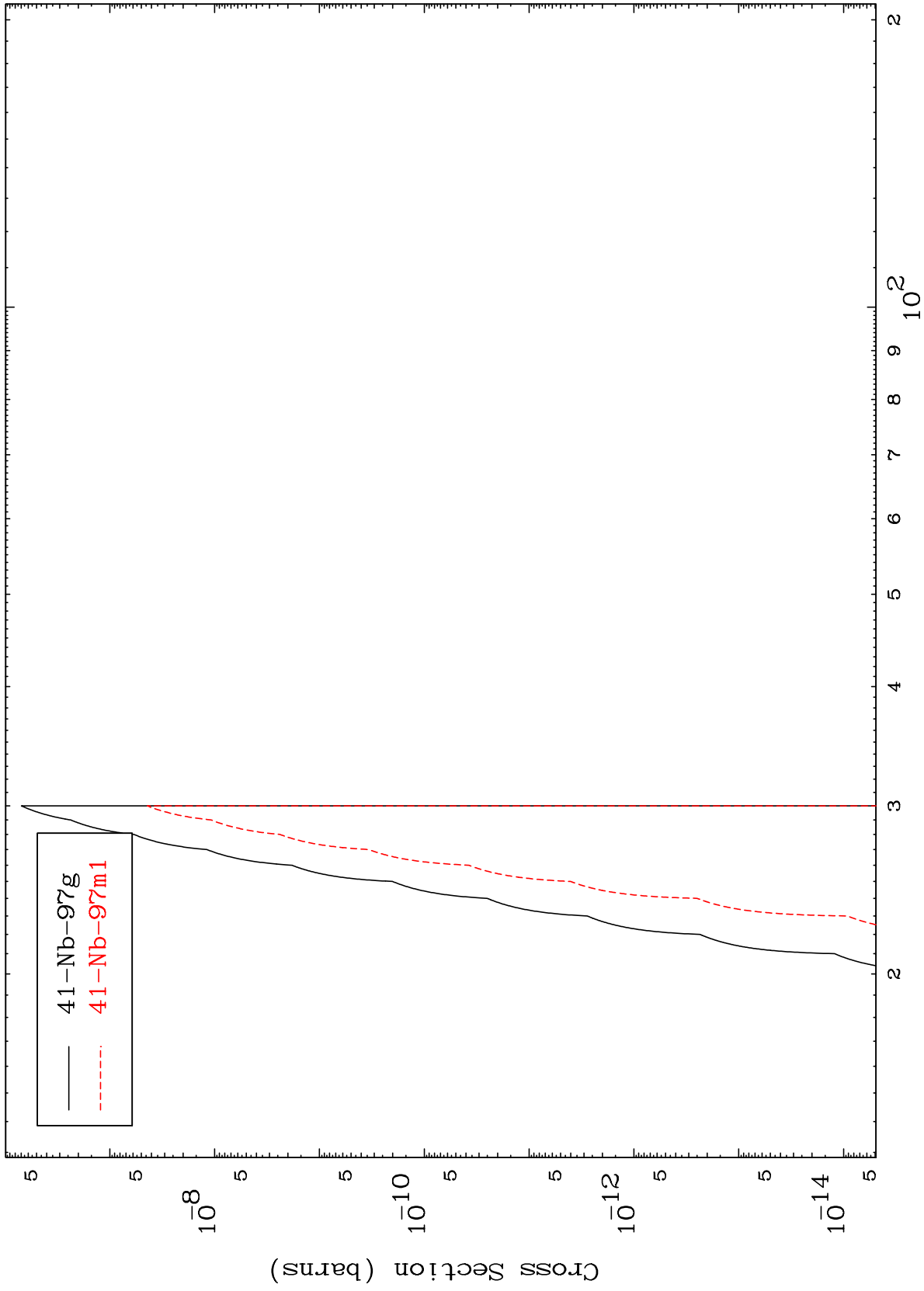
44-Ru-102

MAT 4443

(n,n') p α

44-Ru-102

Radionuclide Production Cross Section



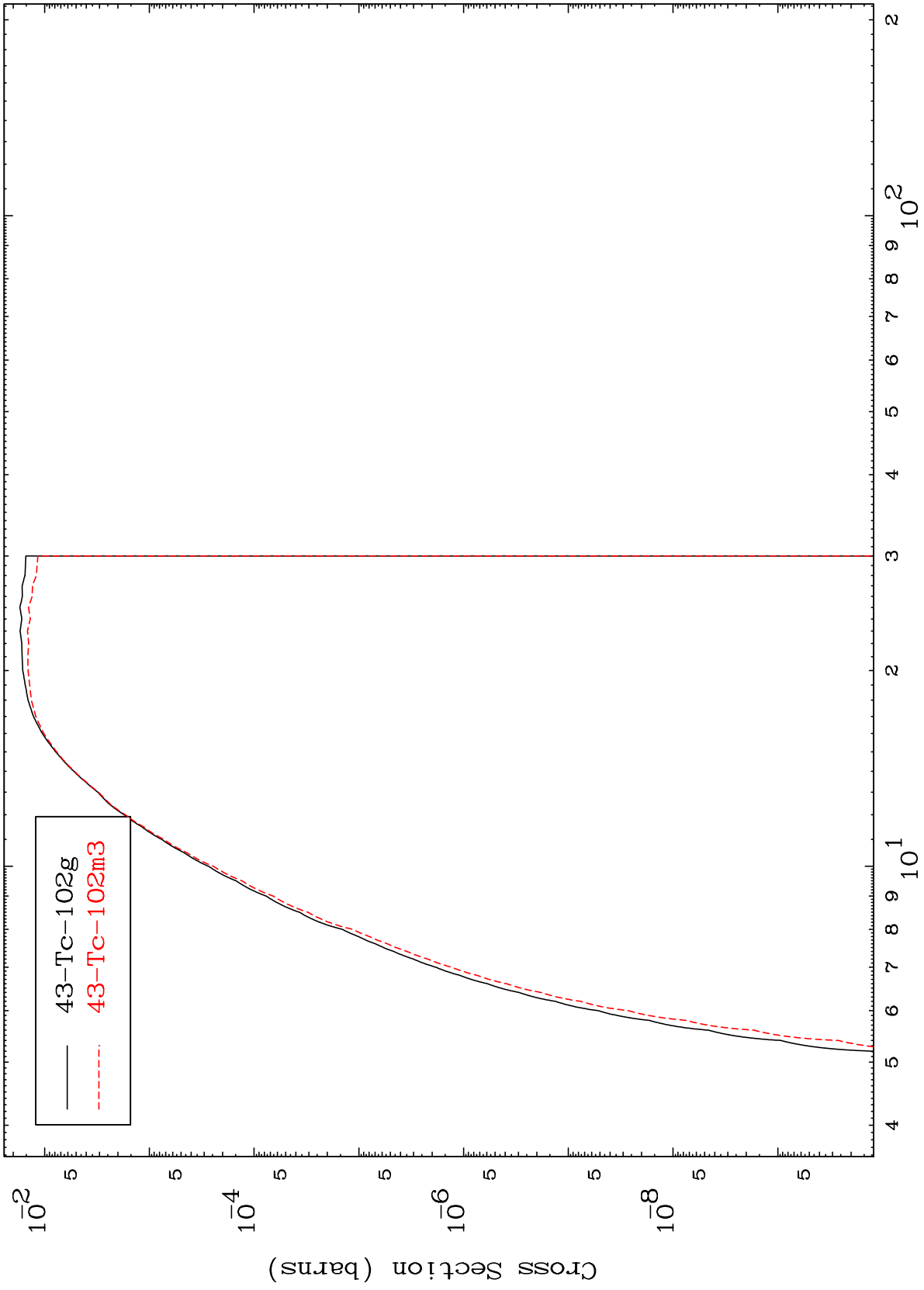
138

44-Ru-102

MAT 4443

44-Ru-102

(n,p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

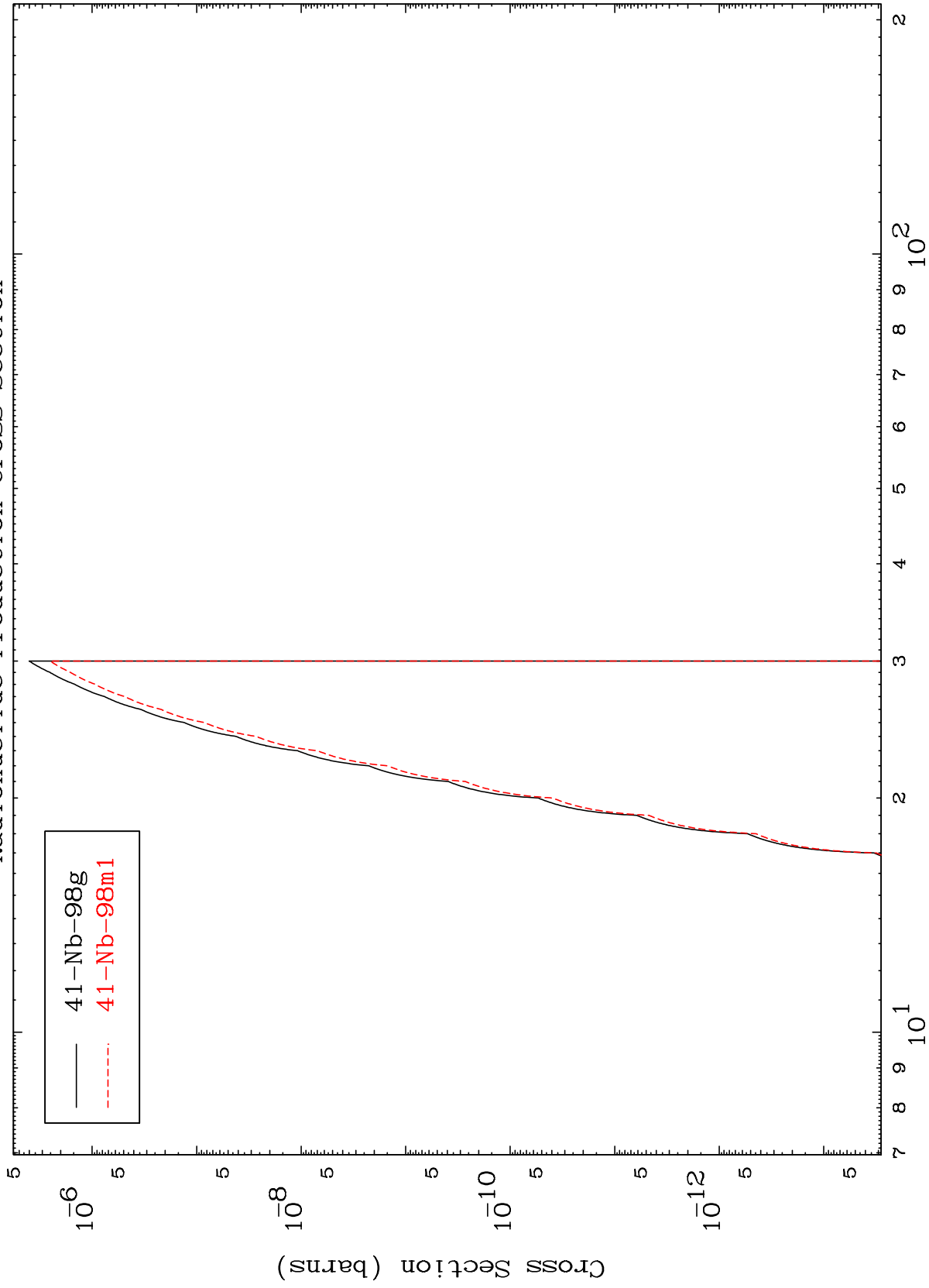
44-Ru-102

MAT 4443

(n,p) α

44-Ru-102

Radionuclide Production Cross Section



140

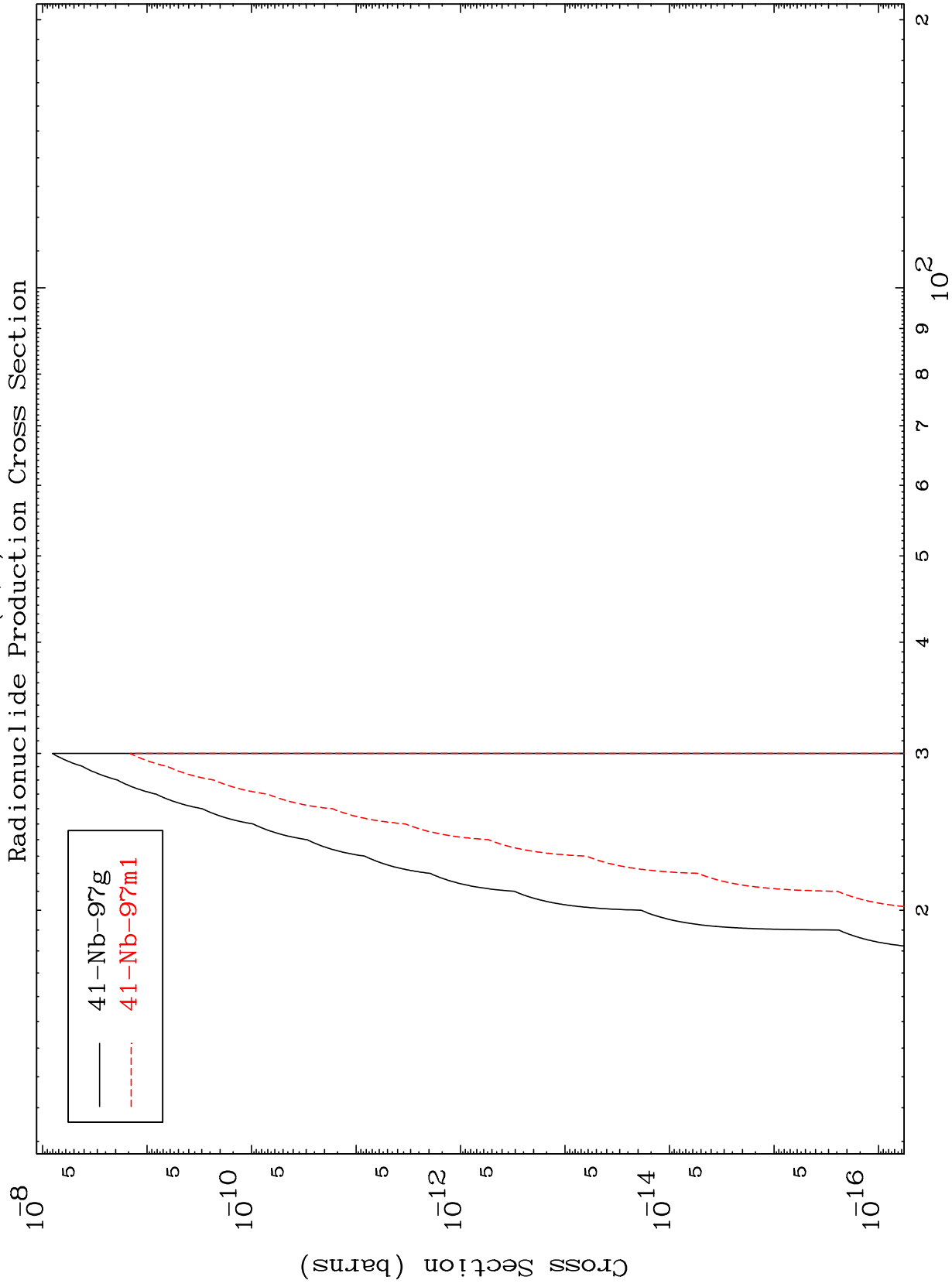
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) α

44-Ru-102



141

44-Ru-102