

Program EVALPLOT  
(Version 2018-1)

by

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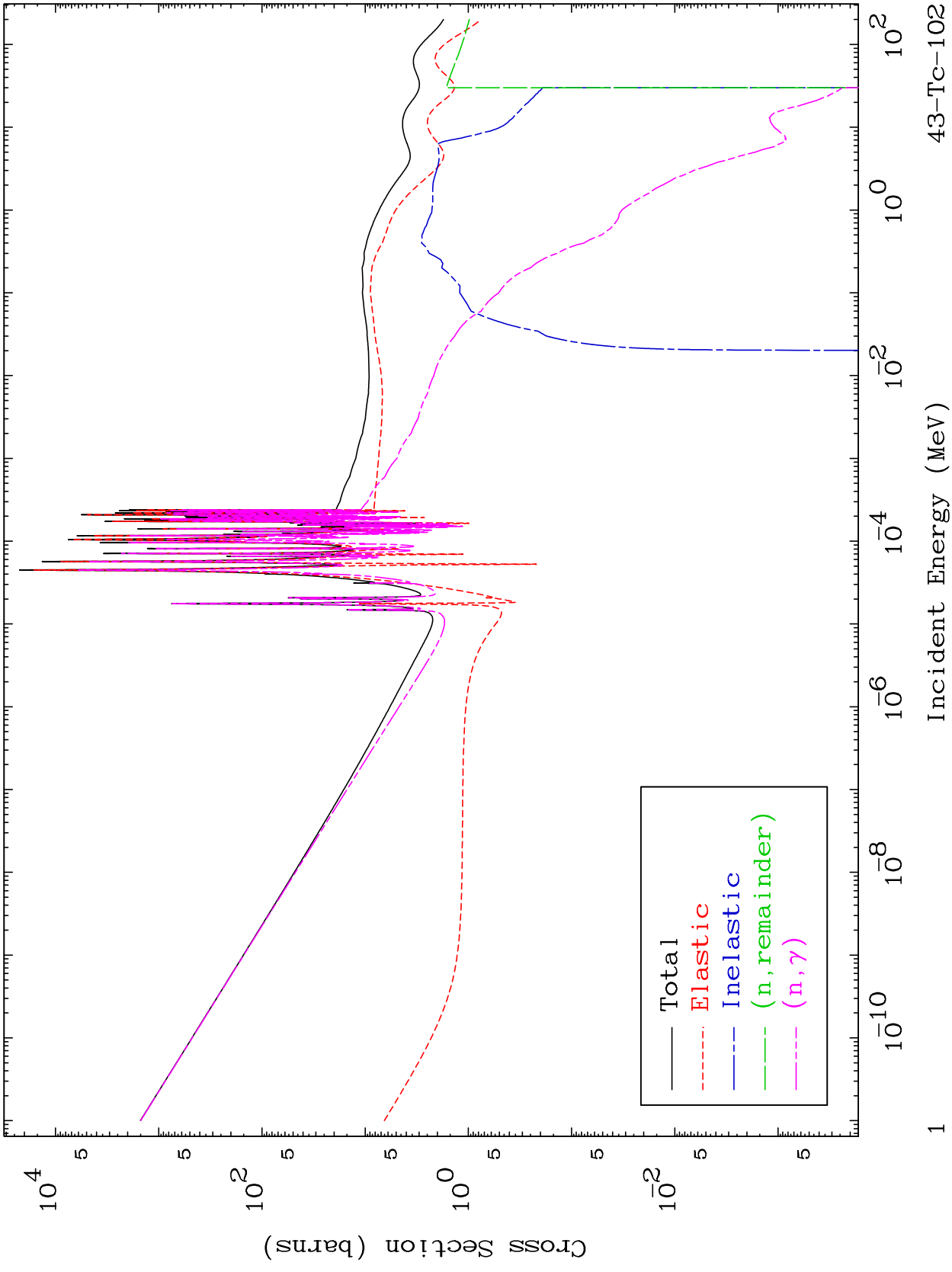
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4334

Major  
293 Kelvin Cross Sections

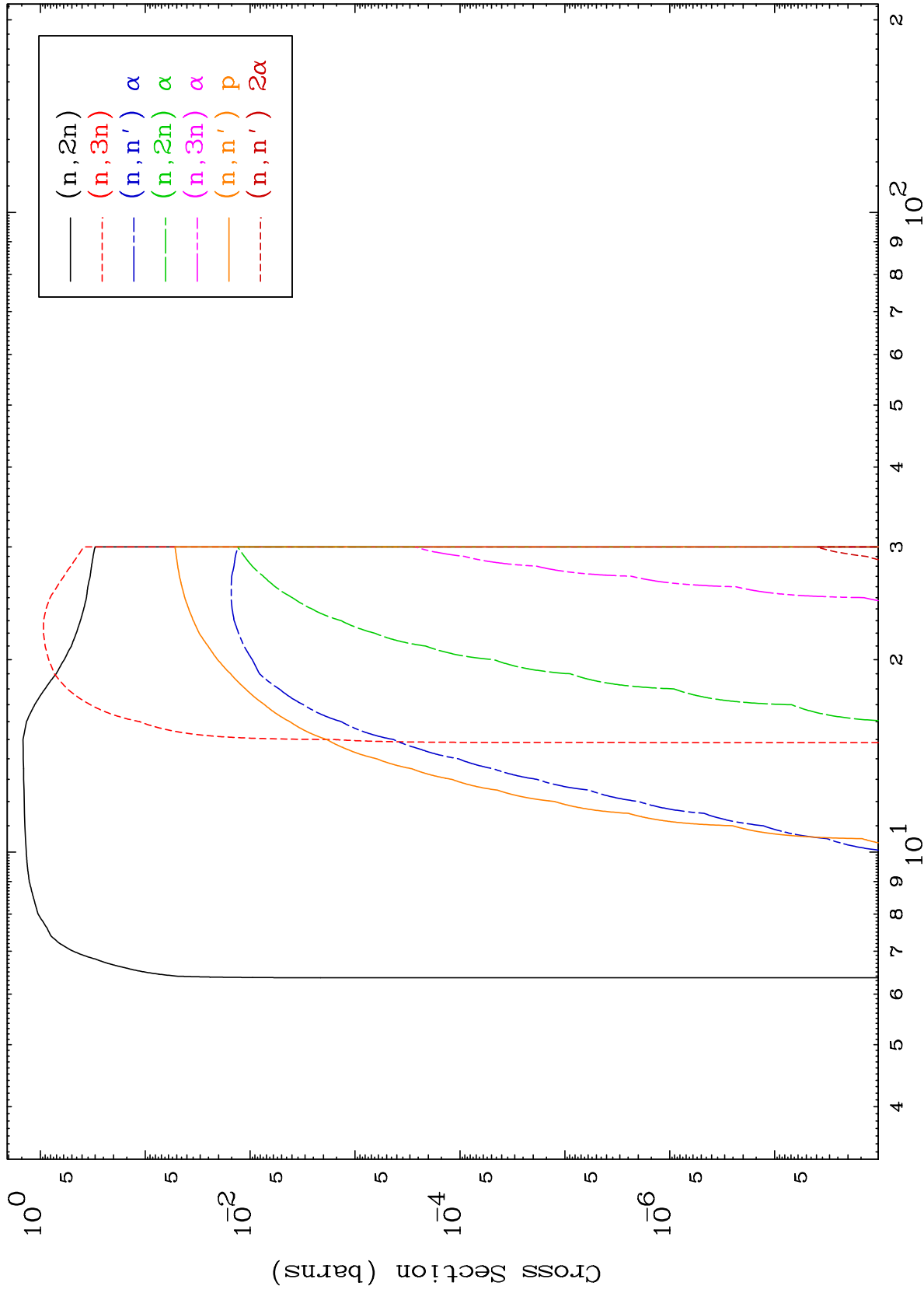
43-Tc-102



MAT 4334

Neutron Production  
293 Kelvin Cross Sections

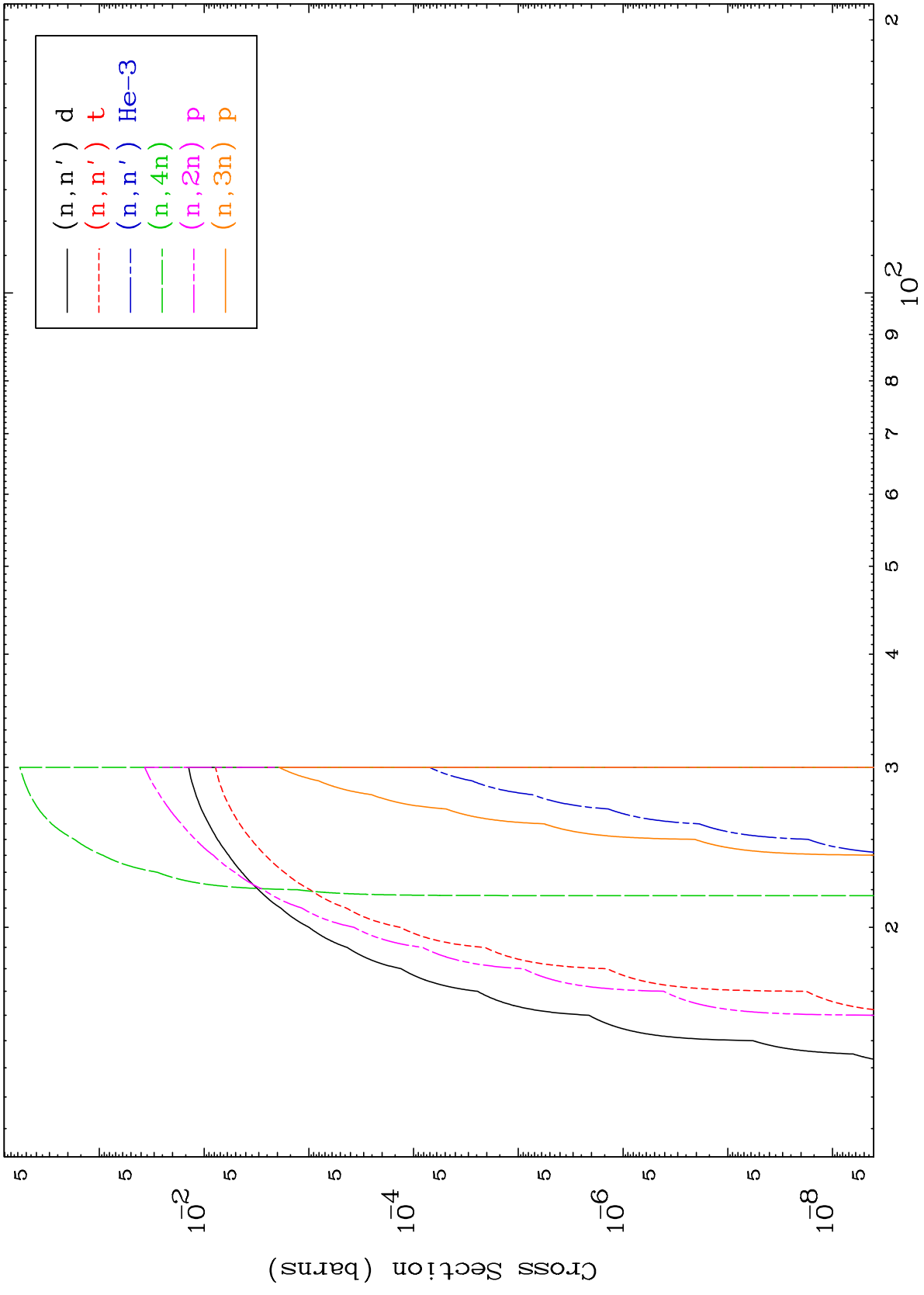
43-Tc-102

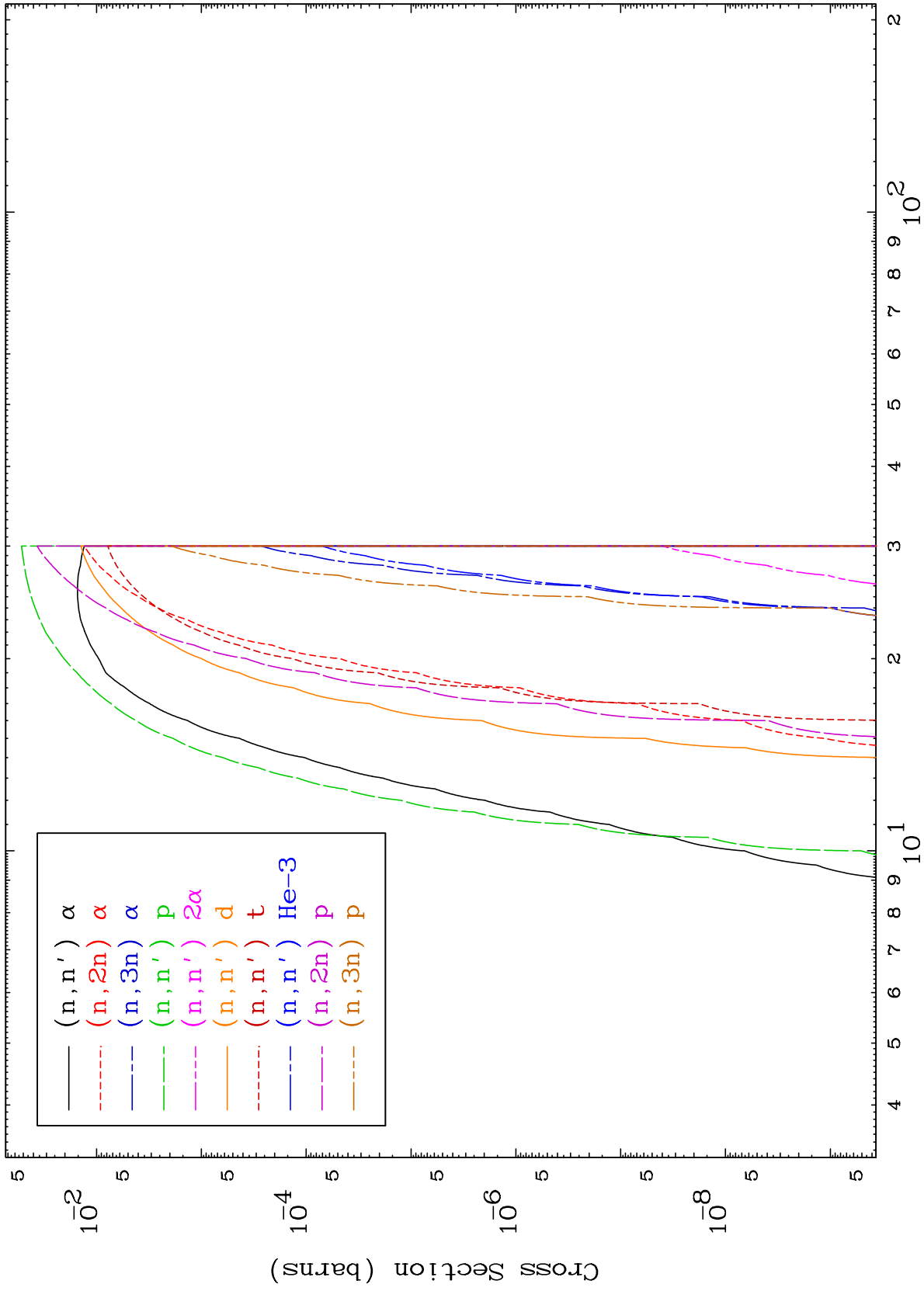


2

Incident Energy (MeV)

43-Tc-102

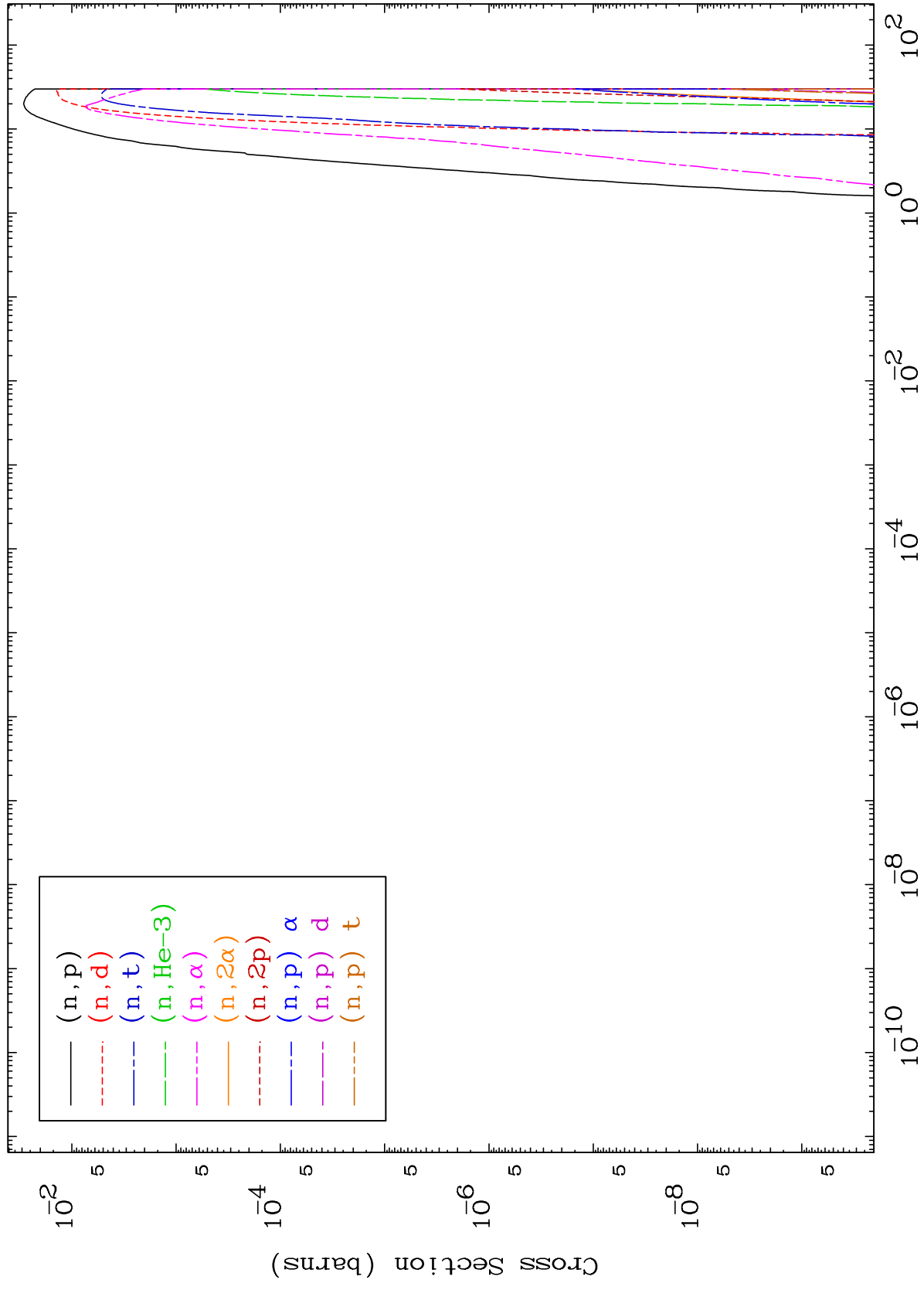




MAT 4334

Charged Particle  
293 Kelvin Cross Sections

43-Tc-102

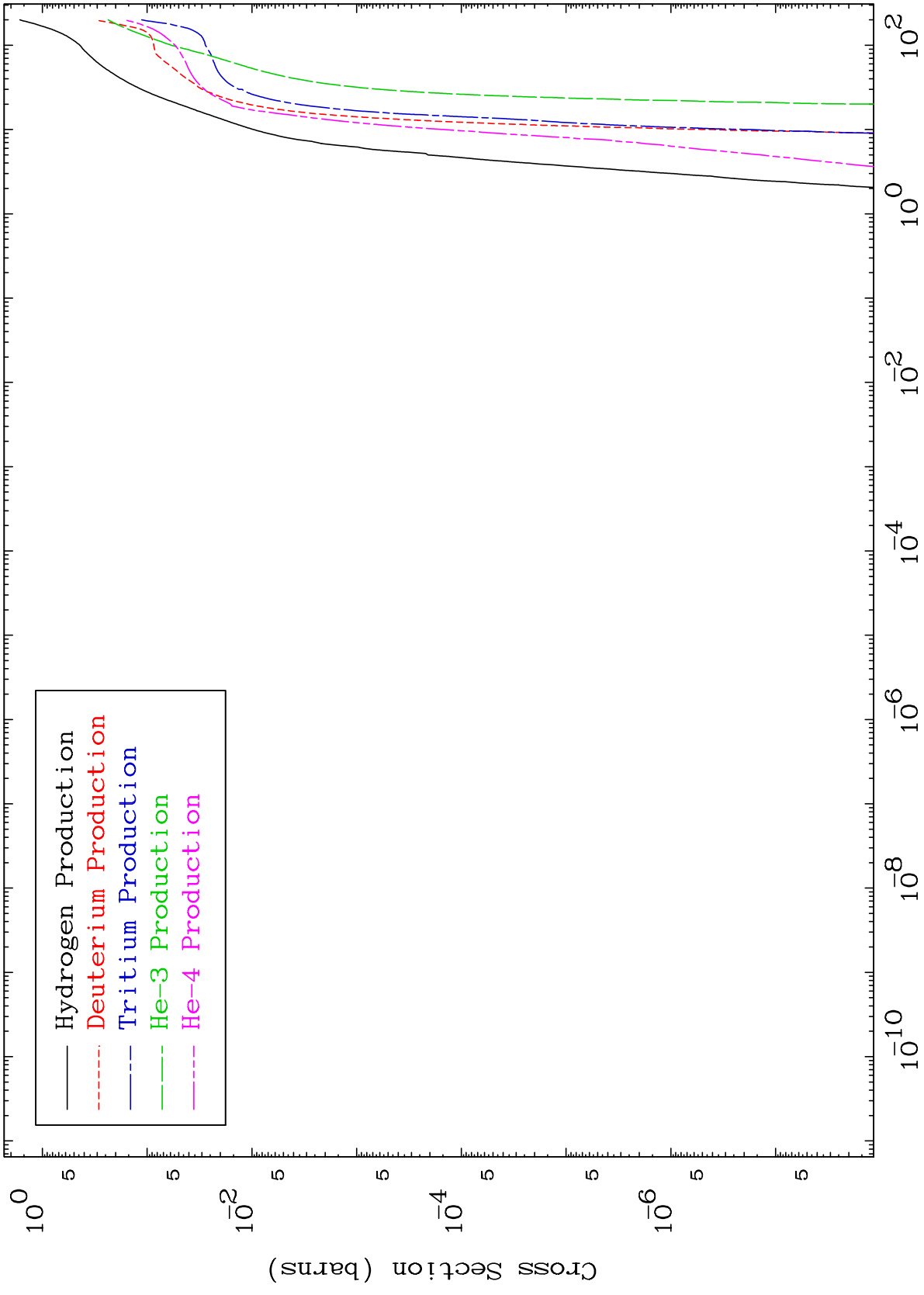


43-Tc-102

MAT 4334

Particle Production  
293 Kelvin Cross Sections

43-Tc-102



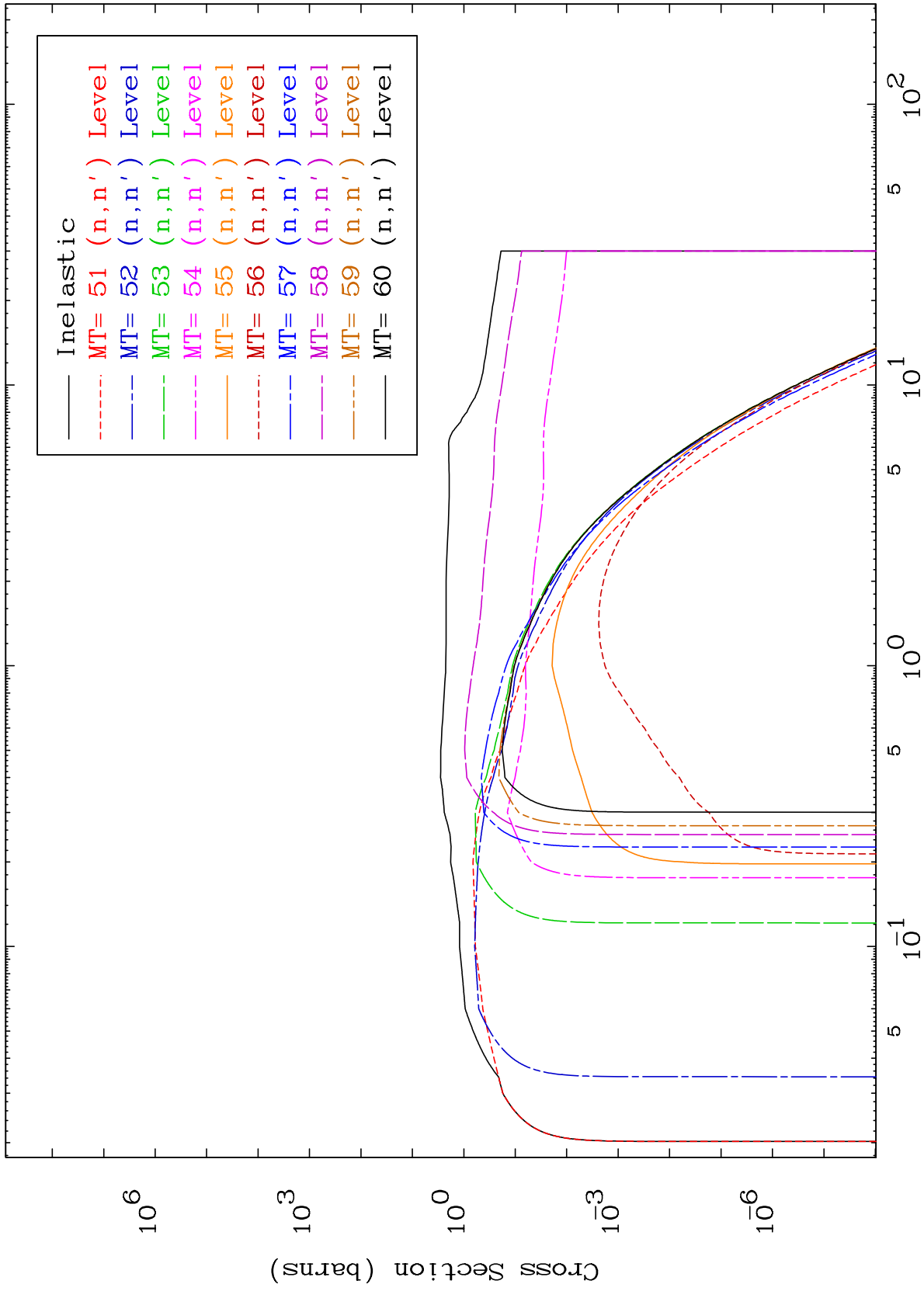
43-Tc-102

MAT 4334

(n,n') Level

43-Tc-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

43-Tc-102

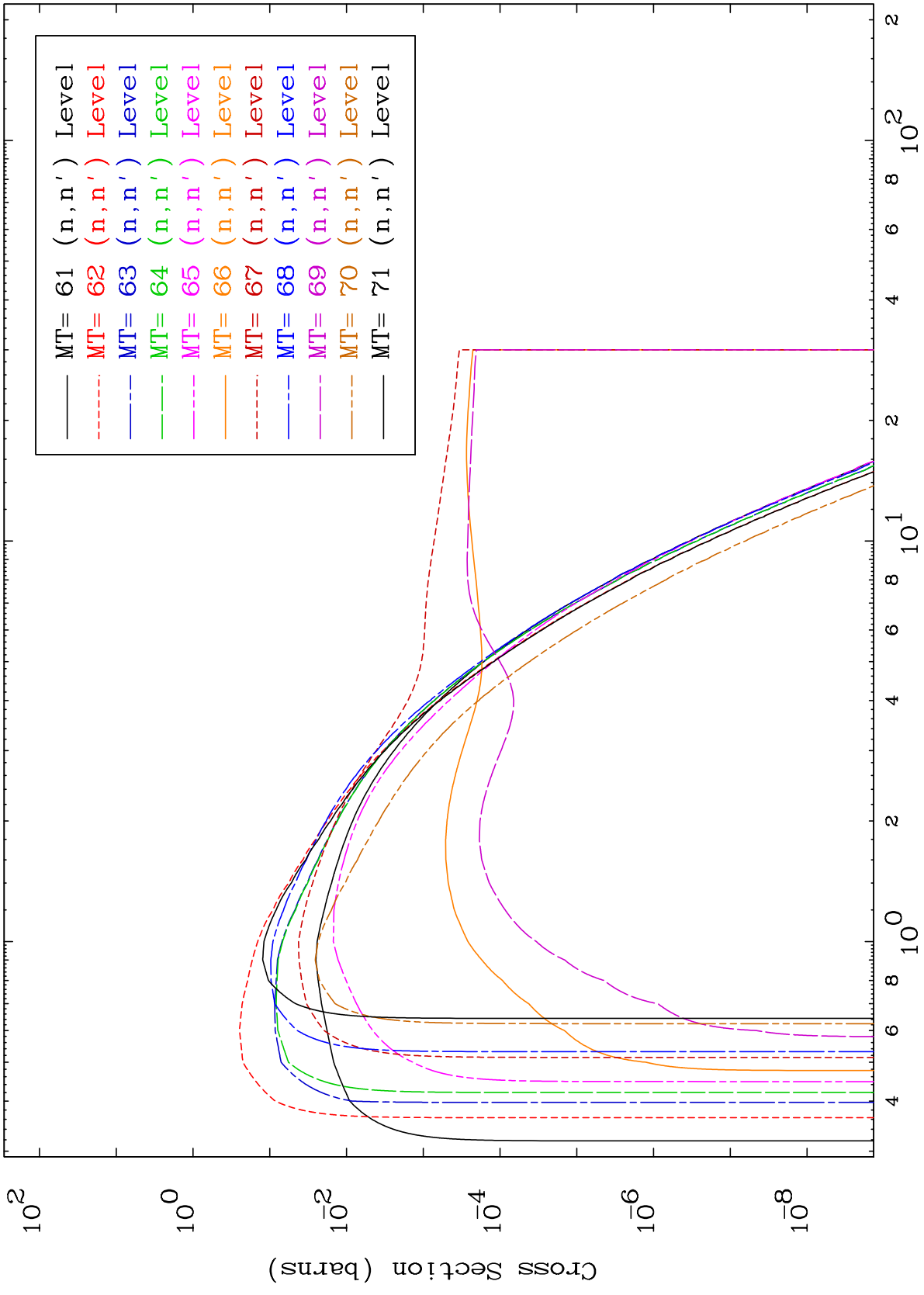


MAT 4334

(n,n') Level

43-Tc-102

293 Kelvin Cross Sections



8

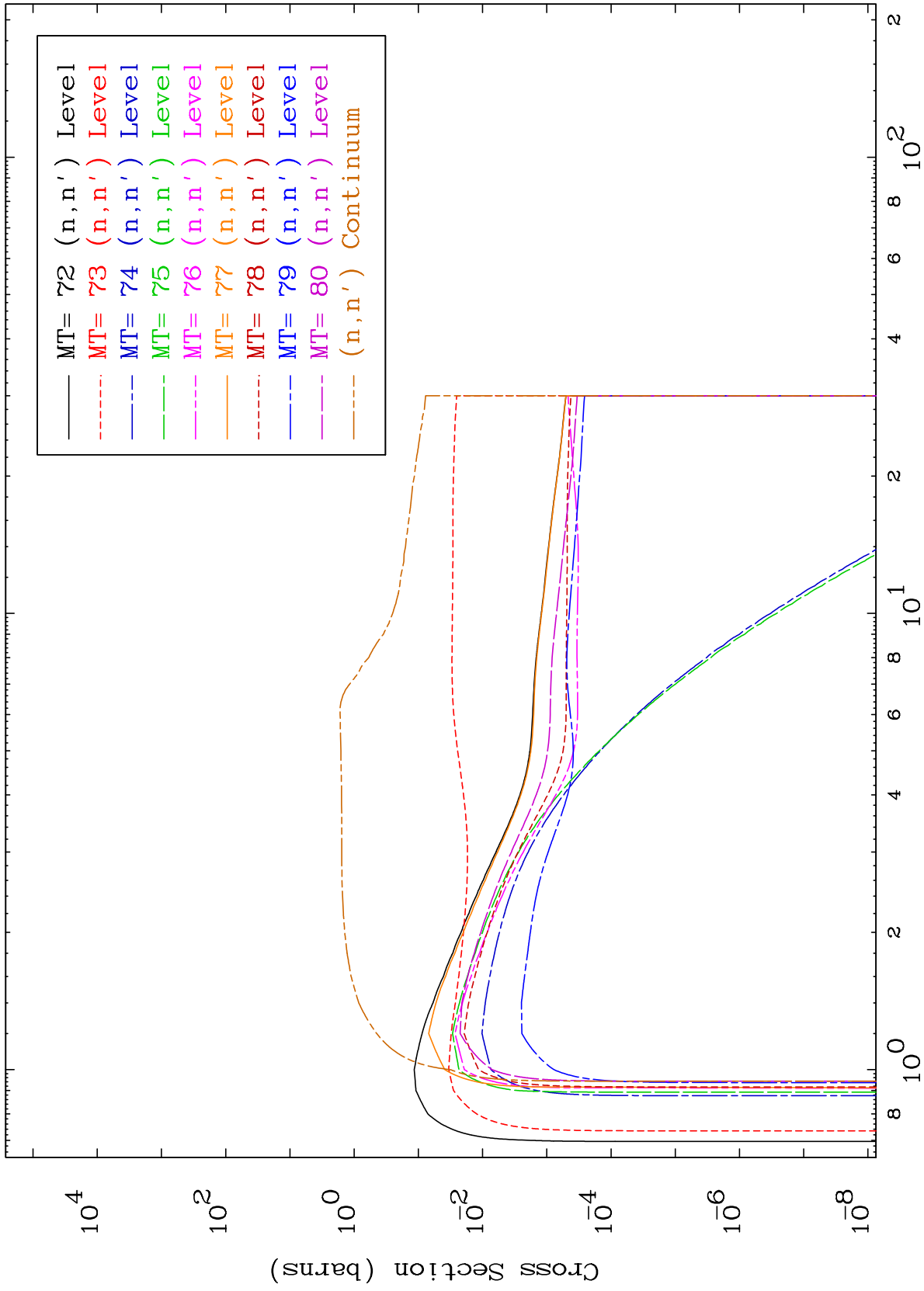
Incident Energy (MeV)

43-Tc-102

MAT 4334

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-102



9

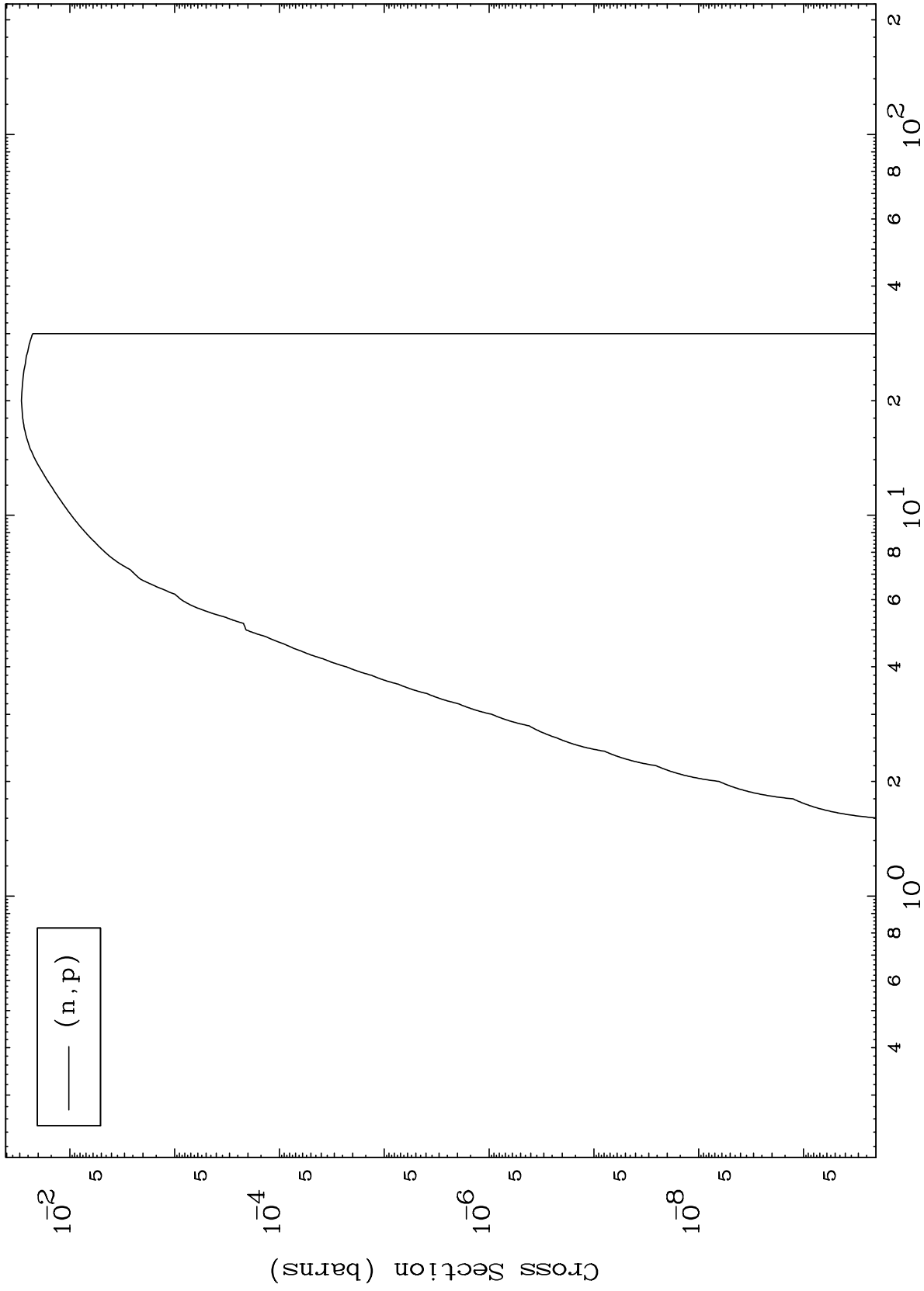
Incident Energy (MeV)

43-Tc-102

MAT 4334

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-102



10

Incident Energy (MeV)

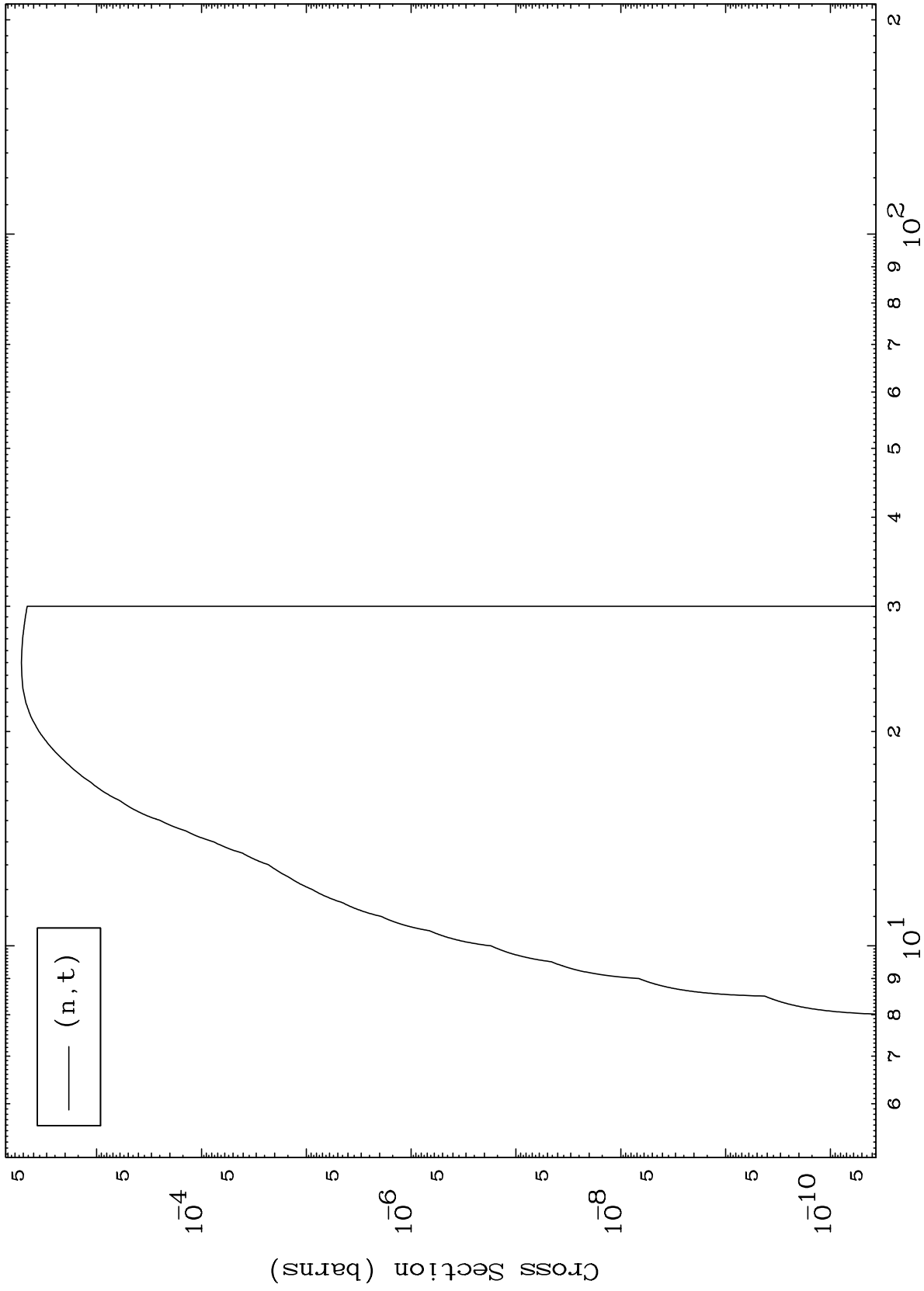
43-Tc-102



MAT 4334

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-102



12

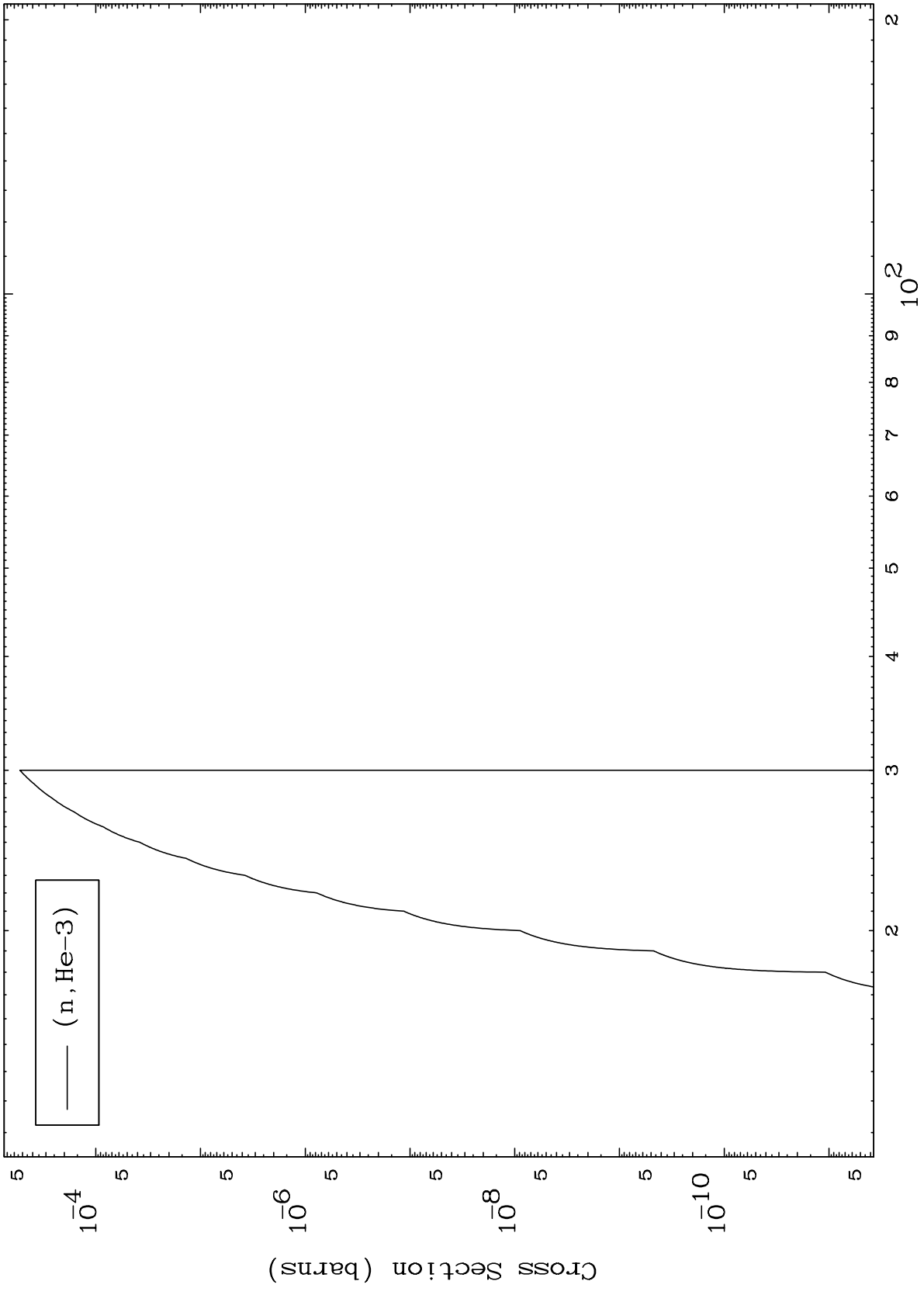
Incident Energy (MeV)

43-Tc-102

MAT 4334

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-102



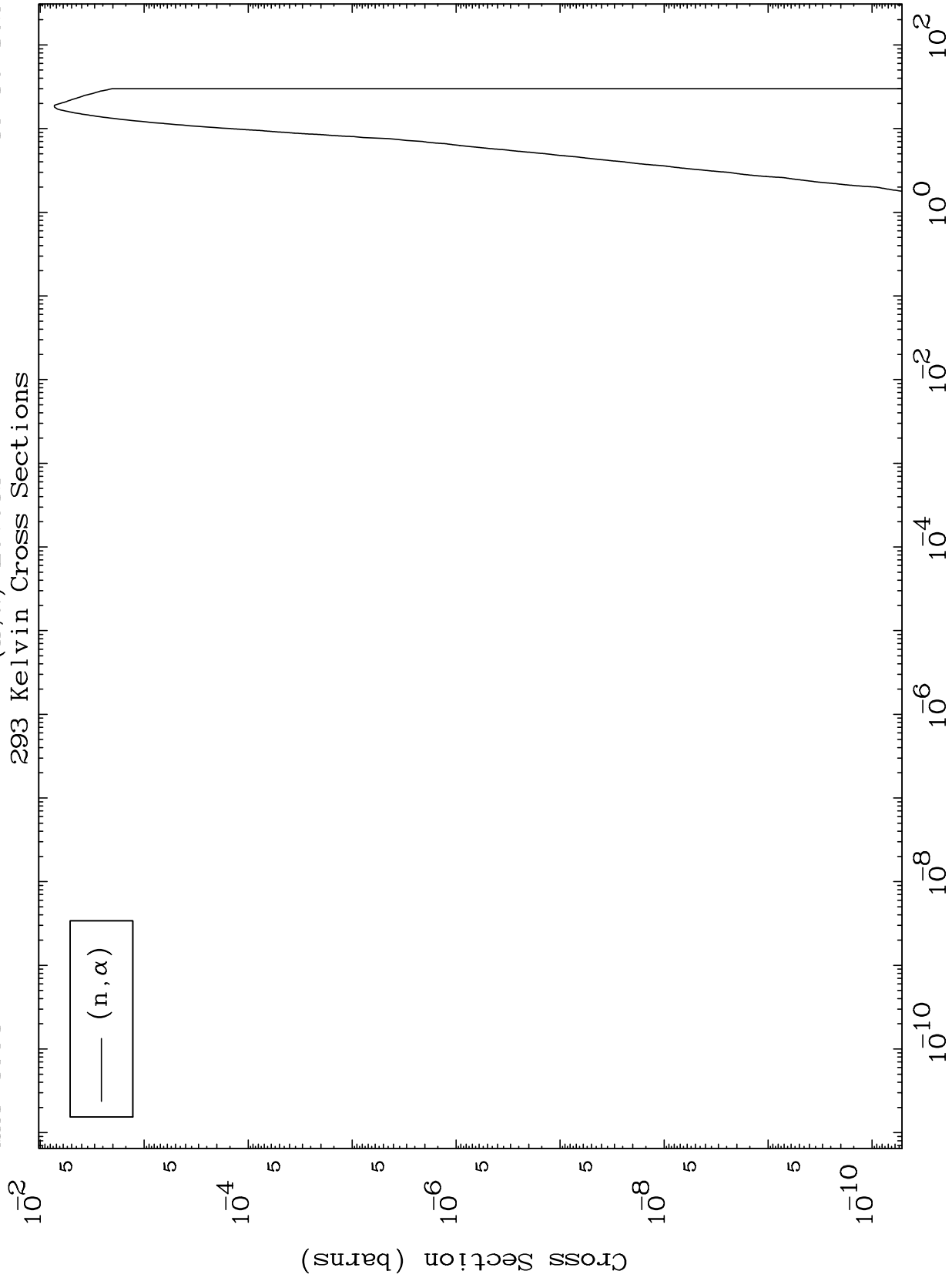
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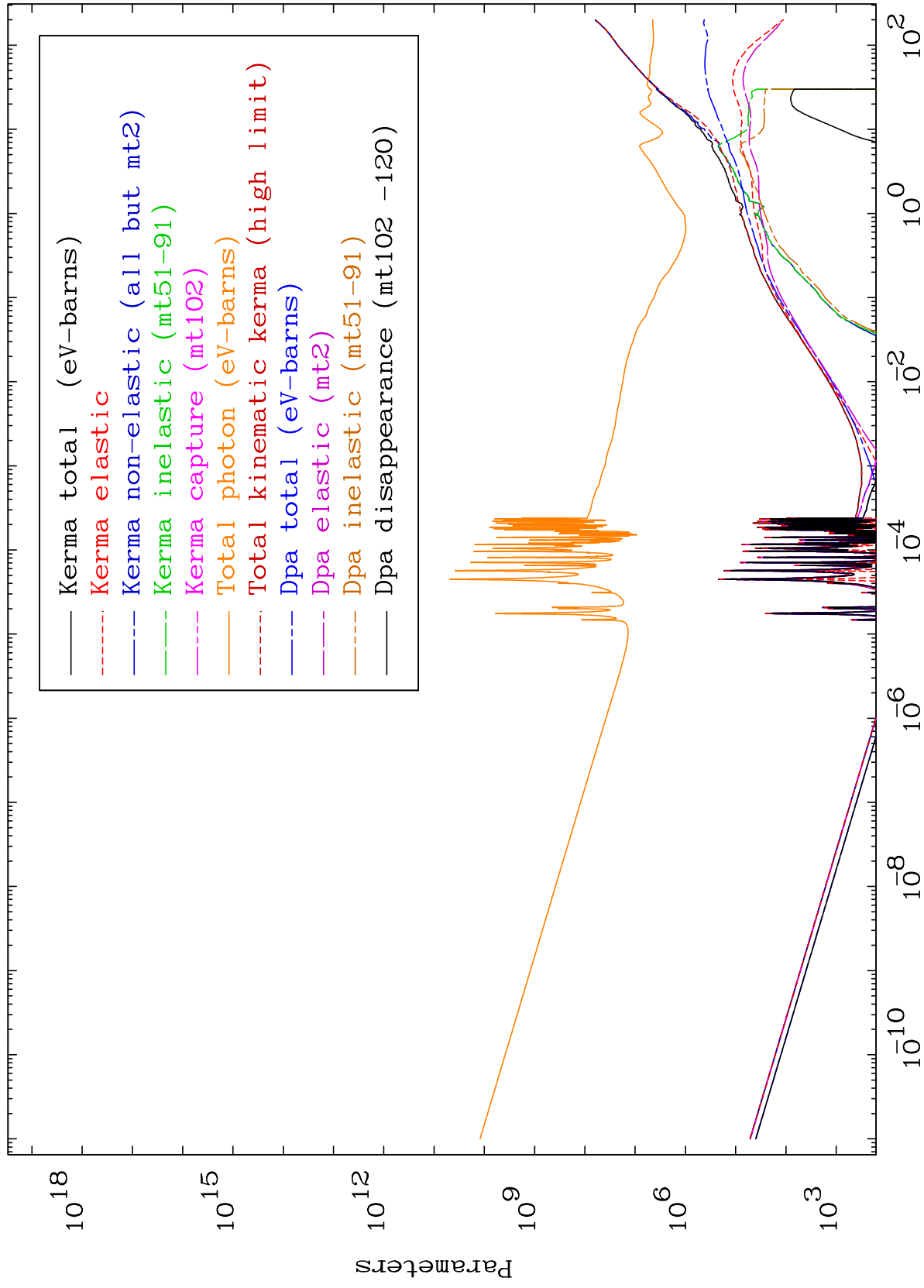
43-Tc-102

MAT 4334

(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-102



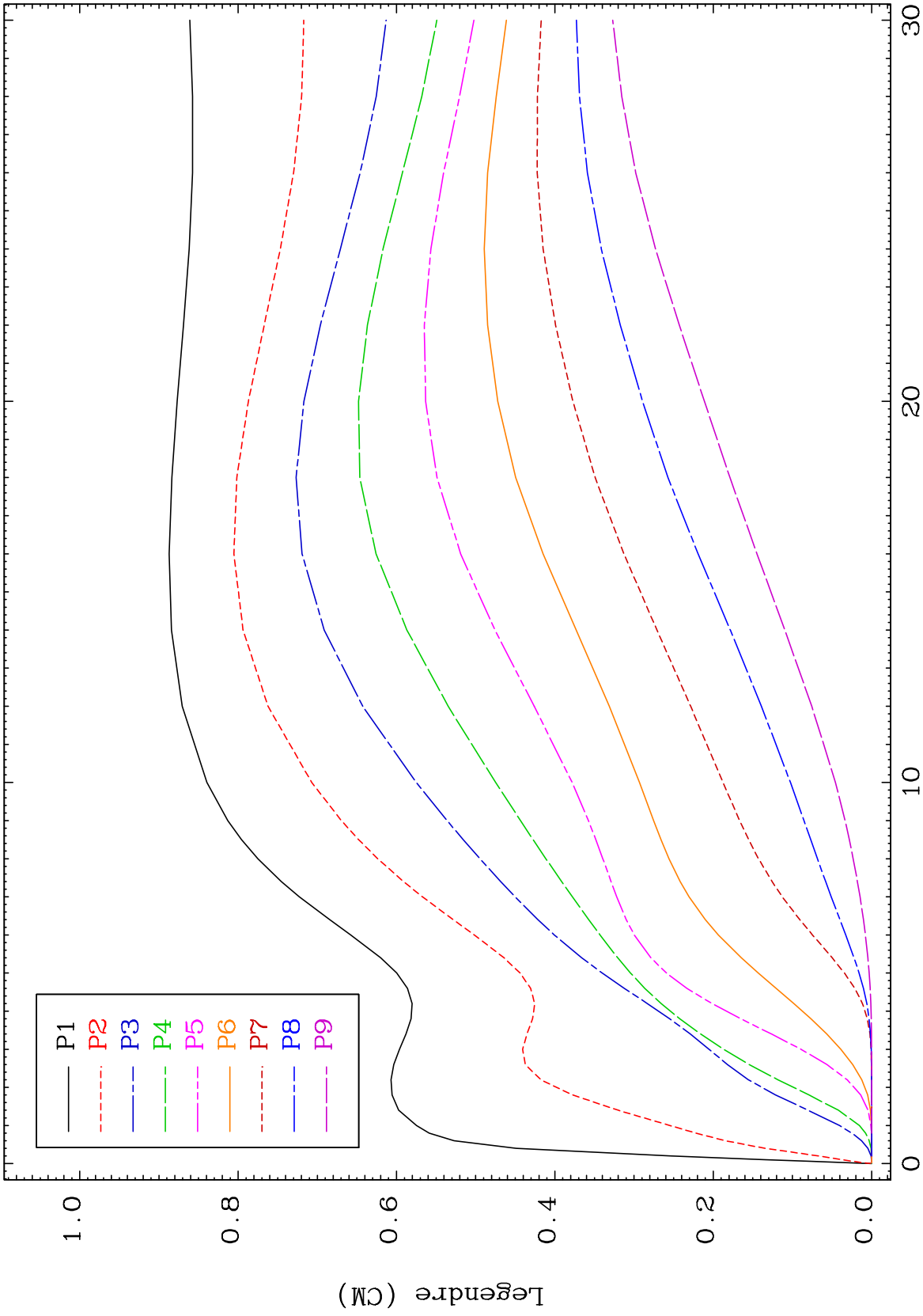




MAT 4334

Elastic Legendre Coefficients

43-Tc-102



16

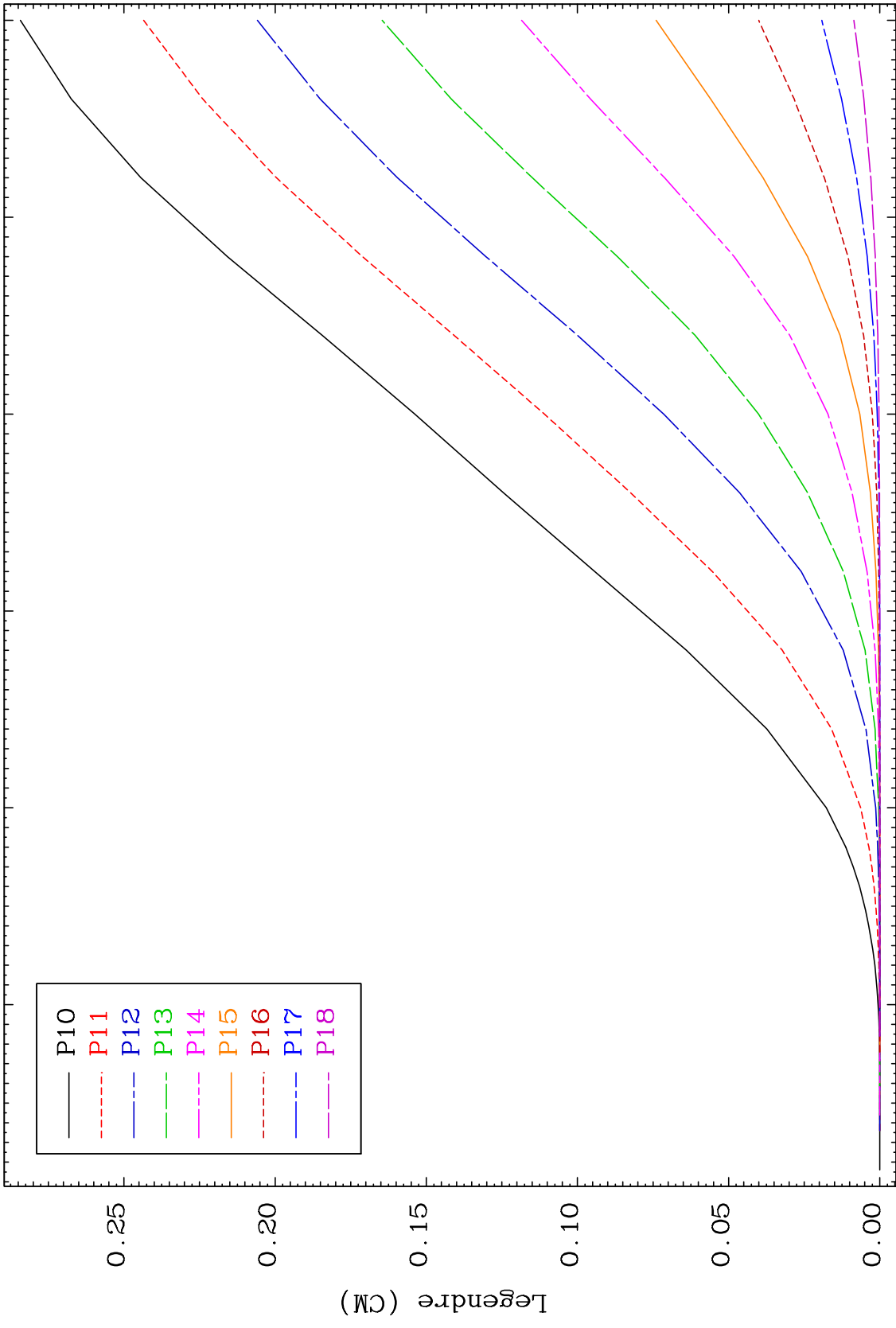
Incident Energy (MeV)

43-Tc-102

MAT 4334

Elastic Legendre Coefficients

43-Tc-102



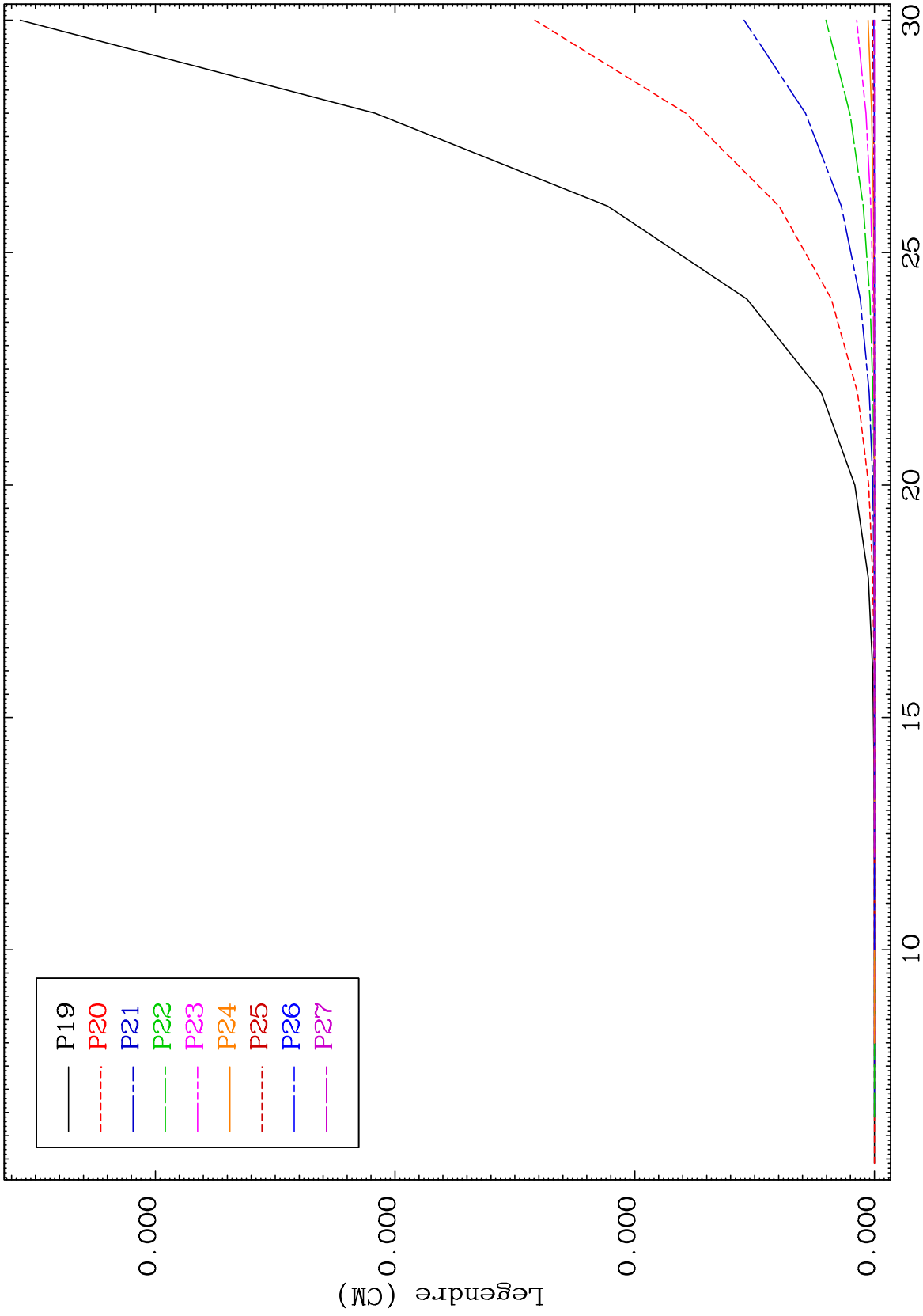
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43-Tc-102

MAT 4334

### Elastic Legendre Coefficients

43-Tc-102



18

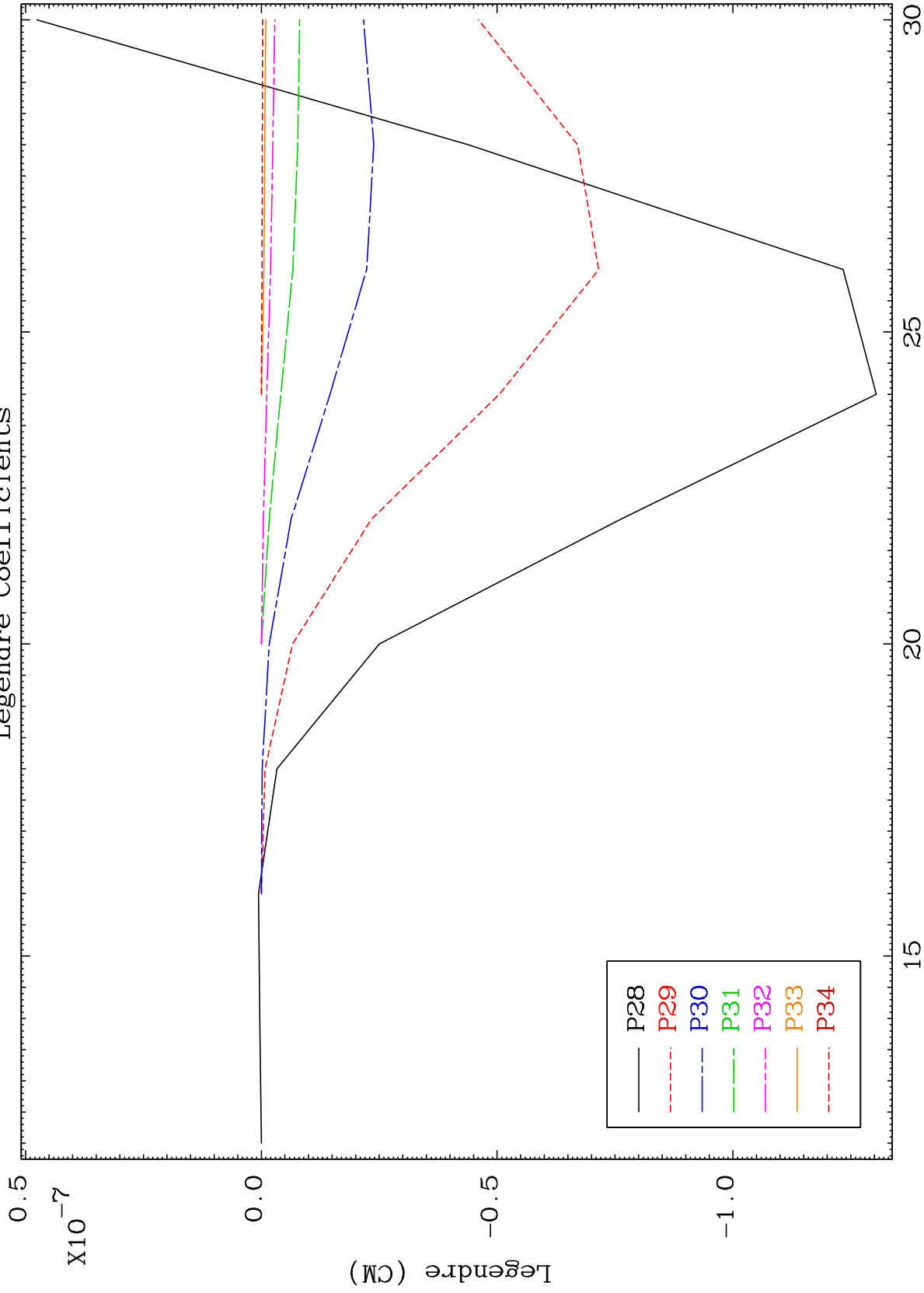
Incident Energy (MeV)

43-Tc-102

MAT 4334

Elastic Legendre Coefficients

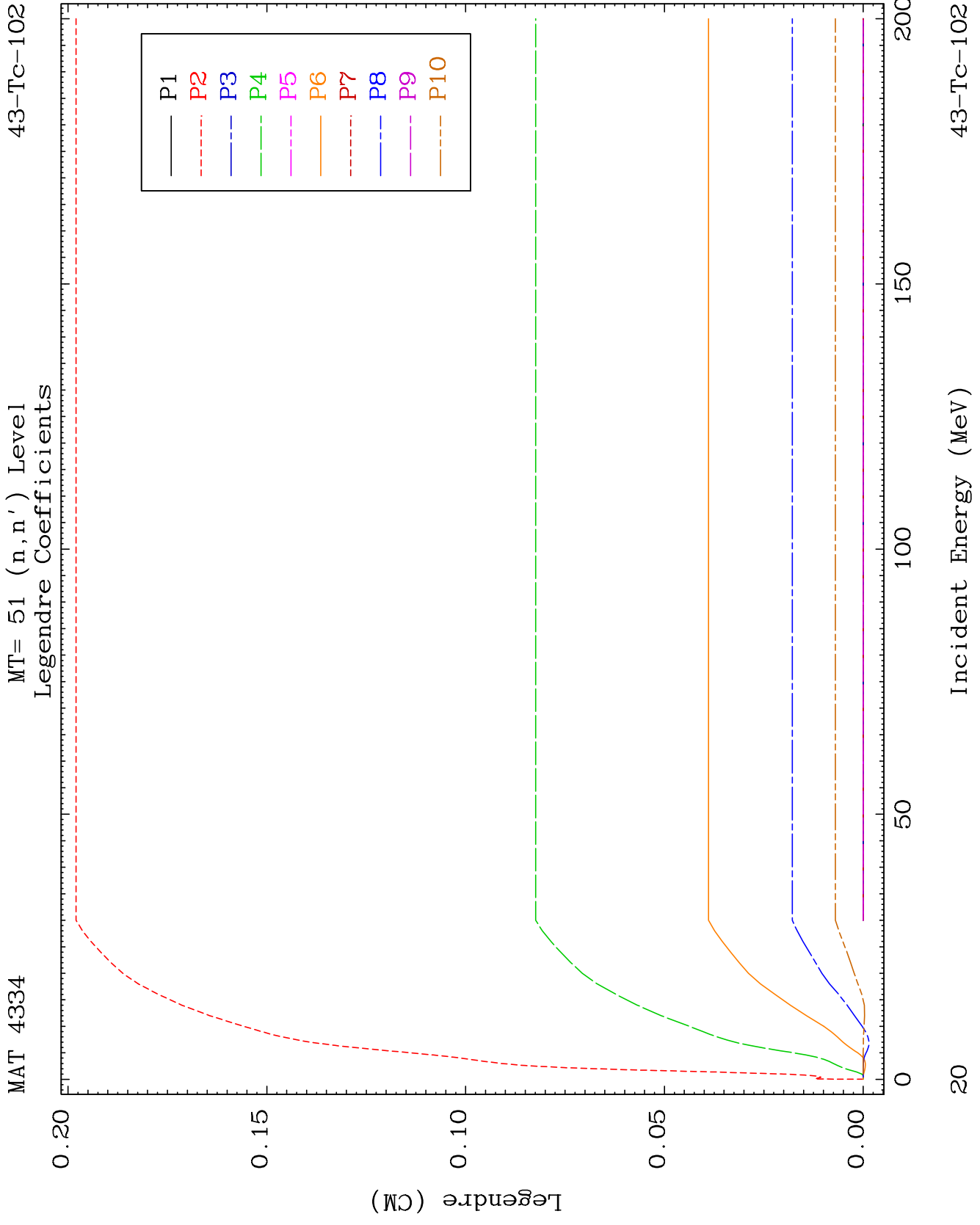
43-Tc-102



19

Incident Energy (MeV)

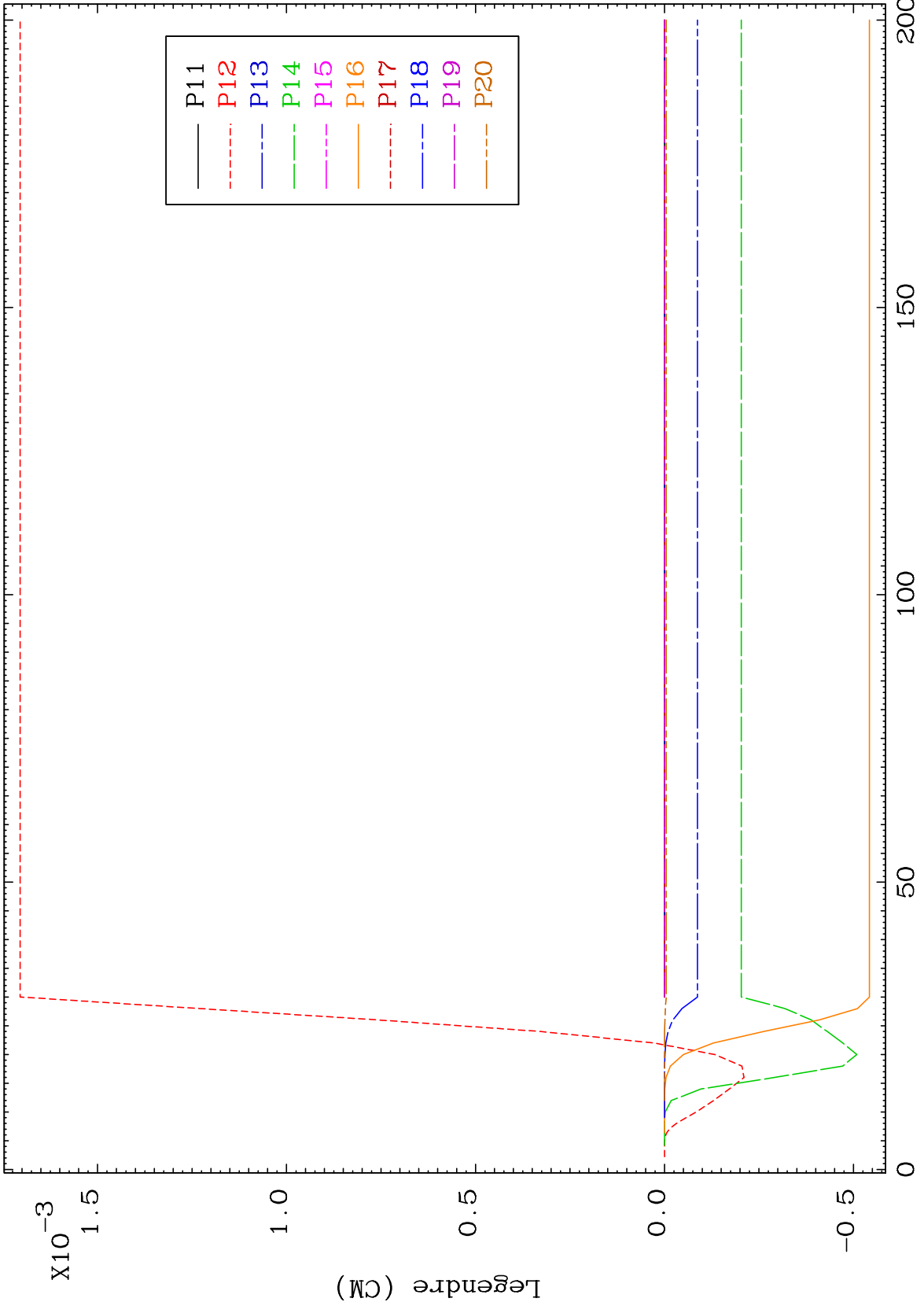
43-Tc-102



MAT 4334

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

43-Tc-102



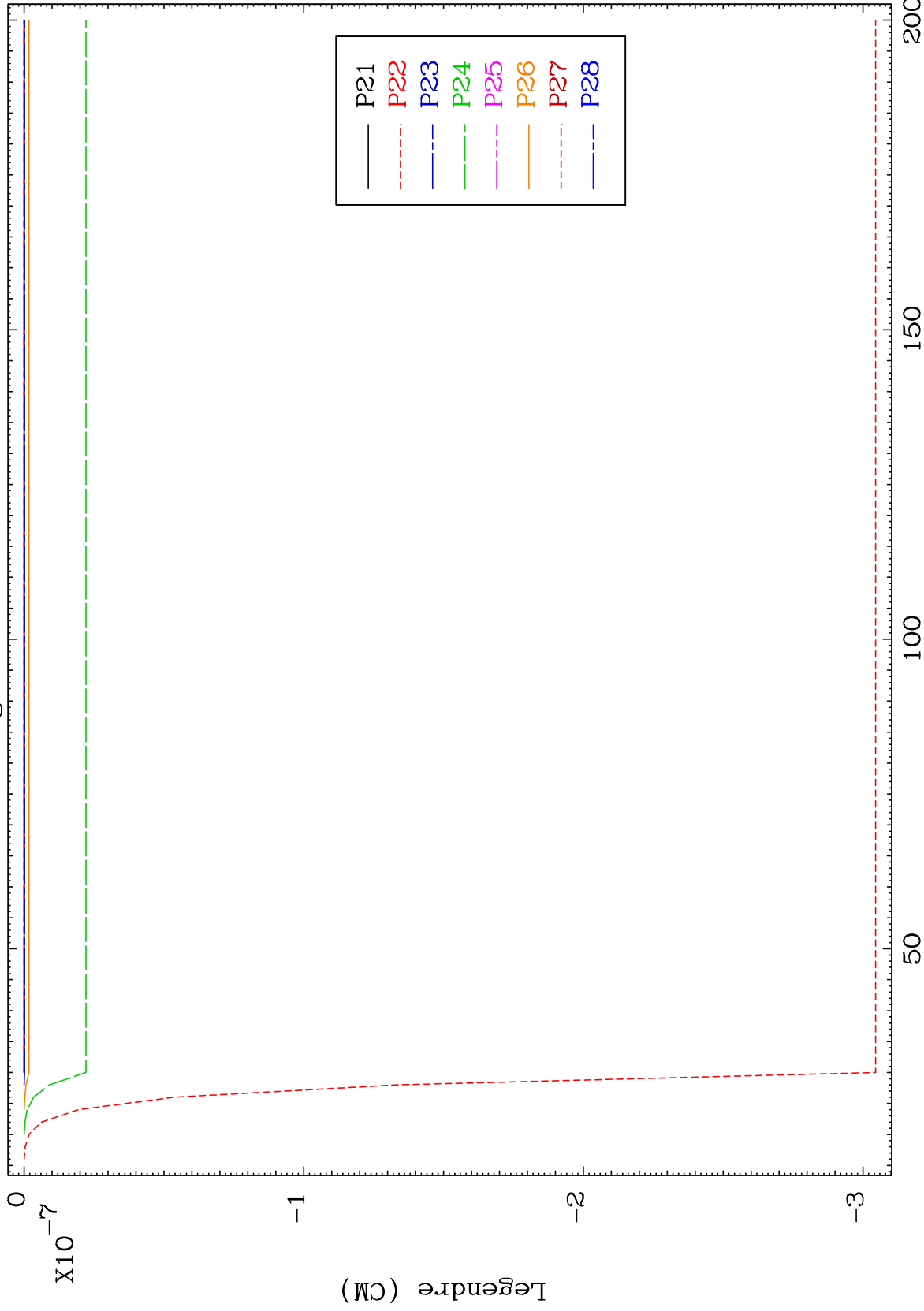
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43-Tc-102

MAT 4334

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

43-Tc-102



22

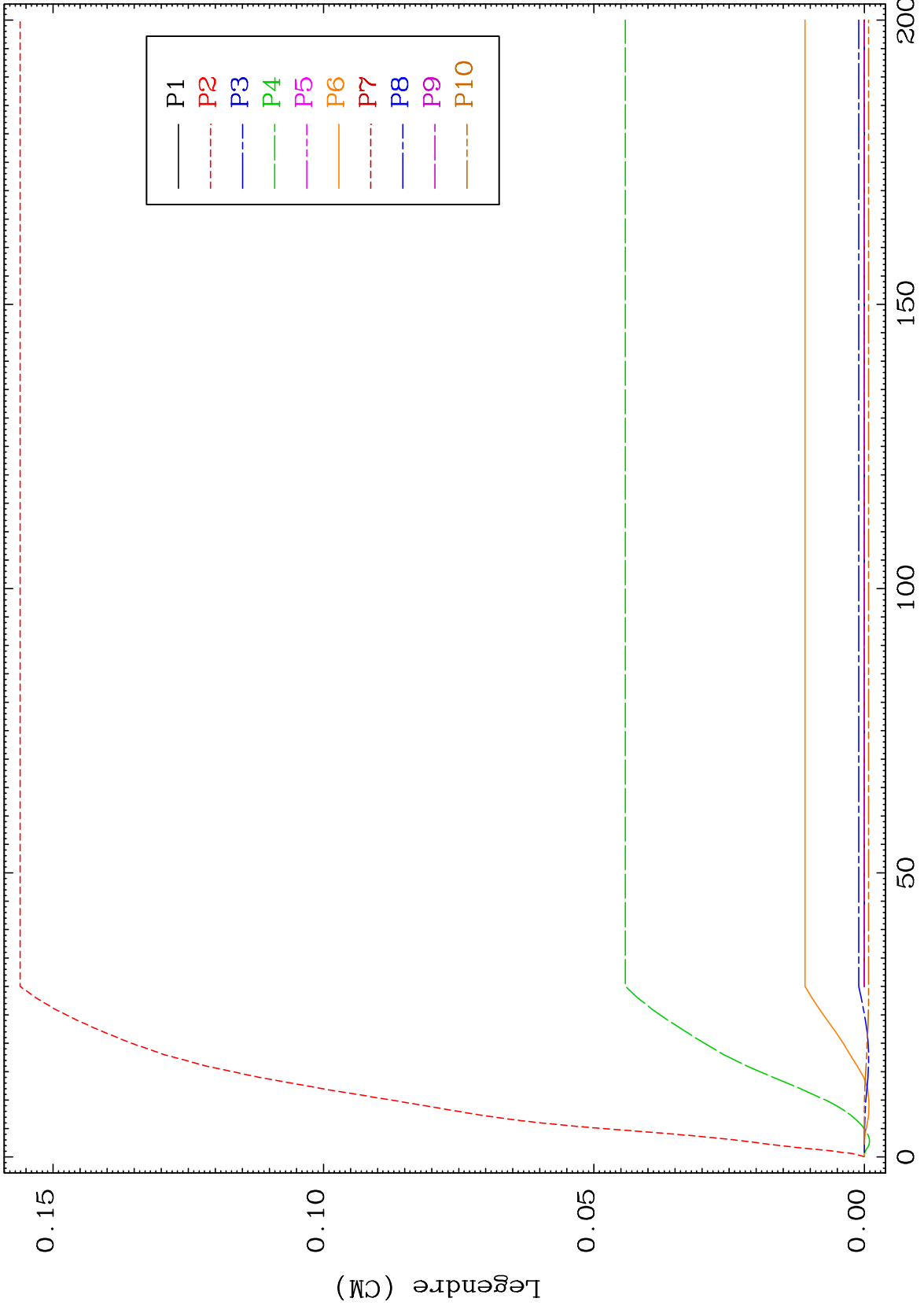
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



23

Incident Energy (MeV)

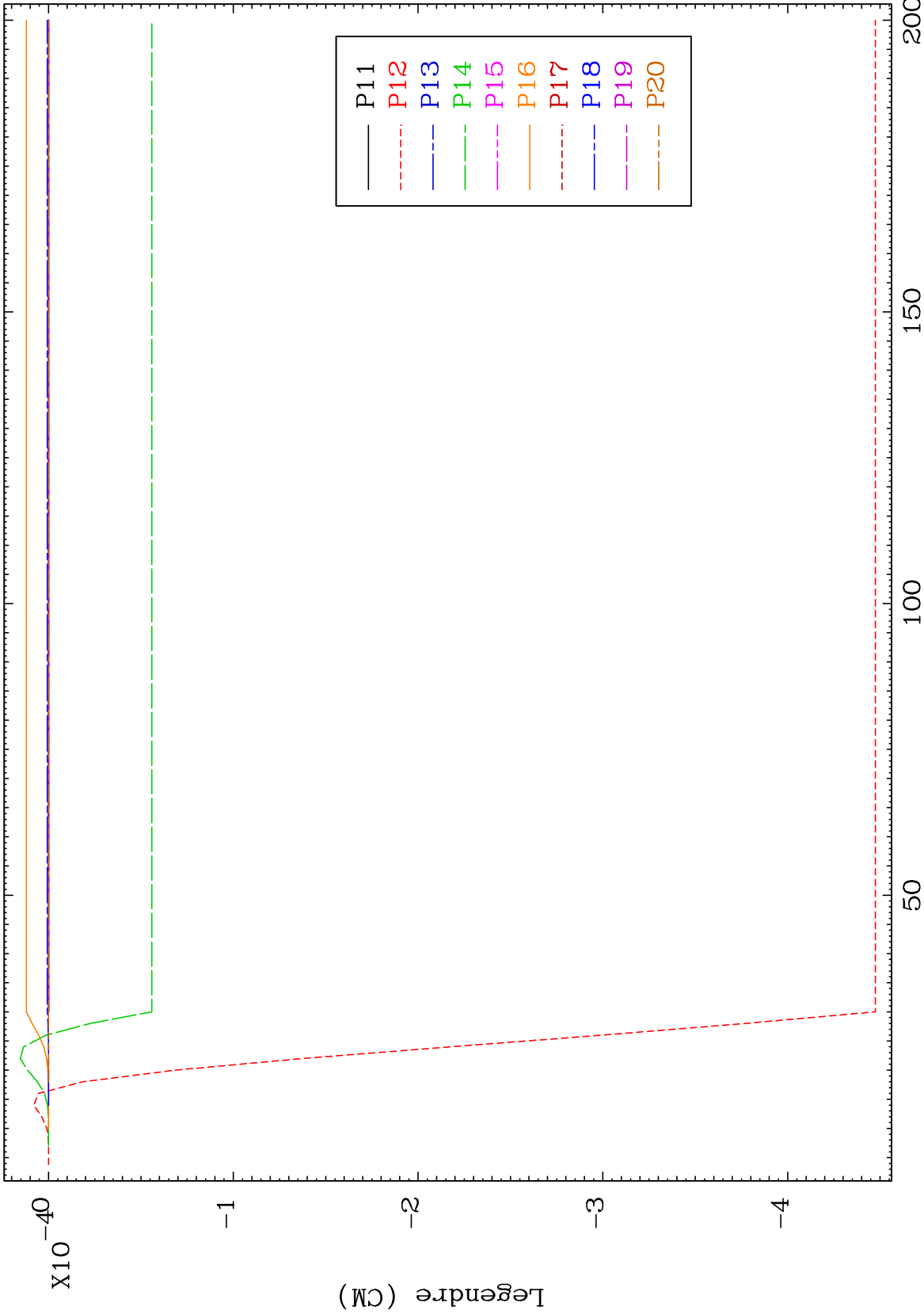
43-Tc-102



MAT 4334

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

43-Tc-102



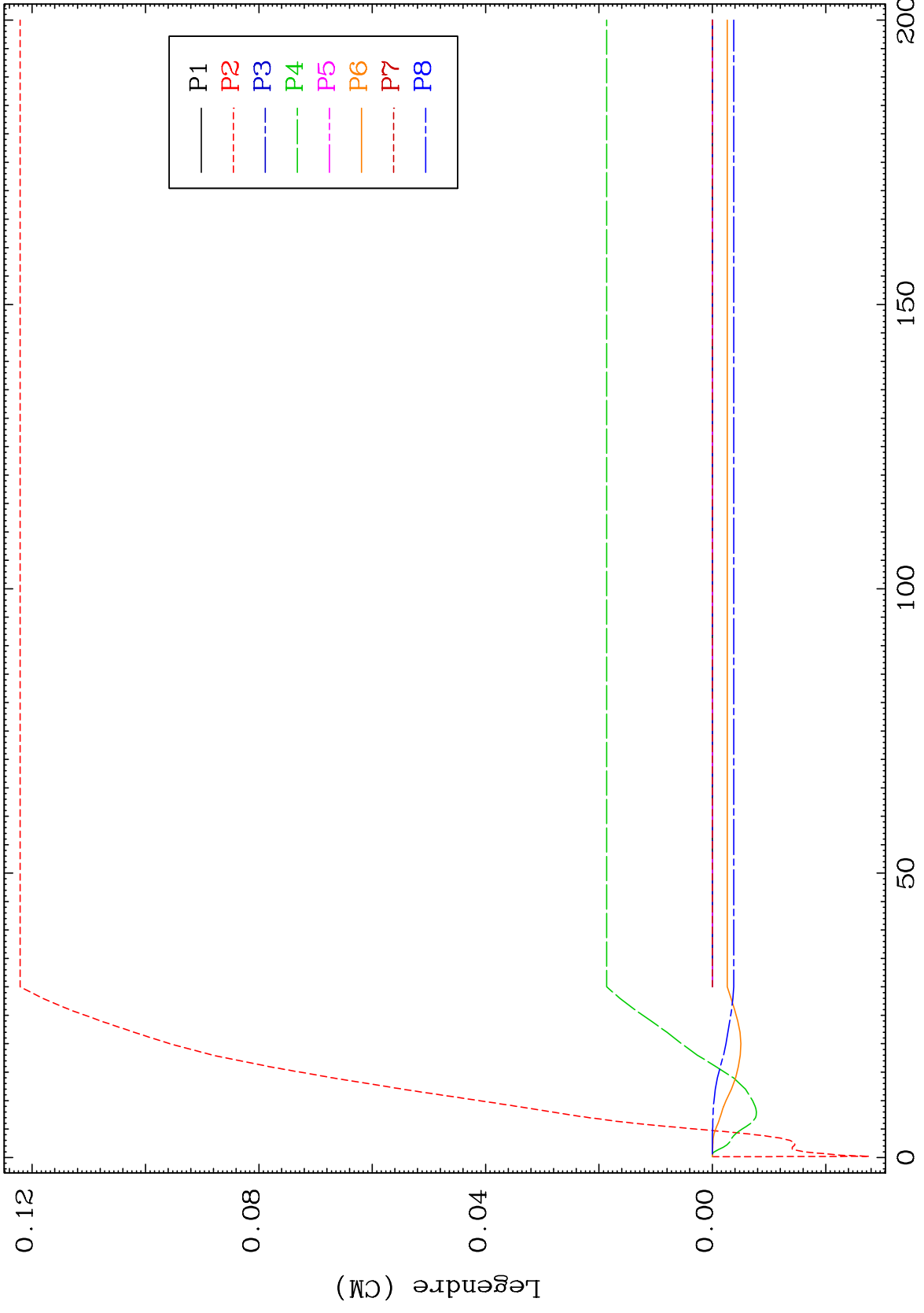
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43-Tc-102

MAT 4334

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

43-Tc-102



43-Tc-102

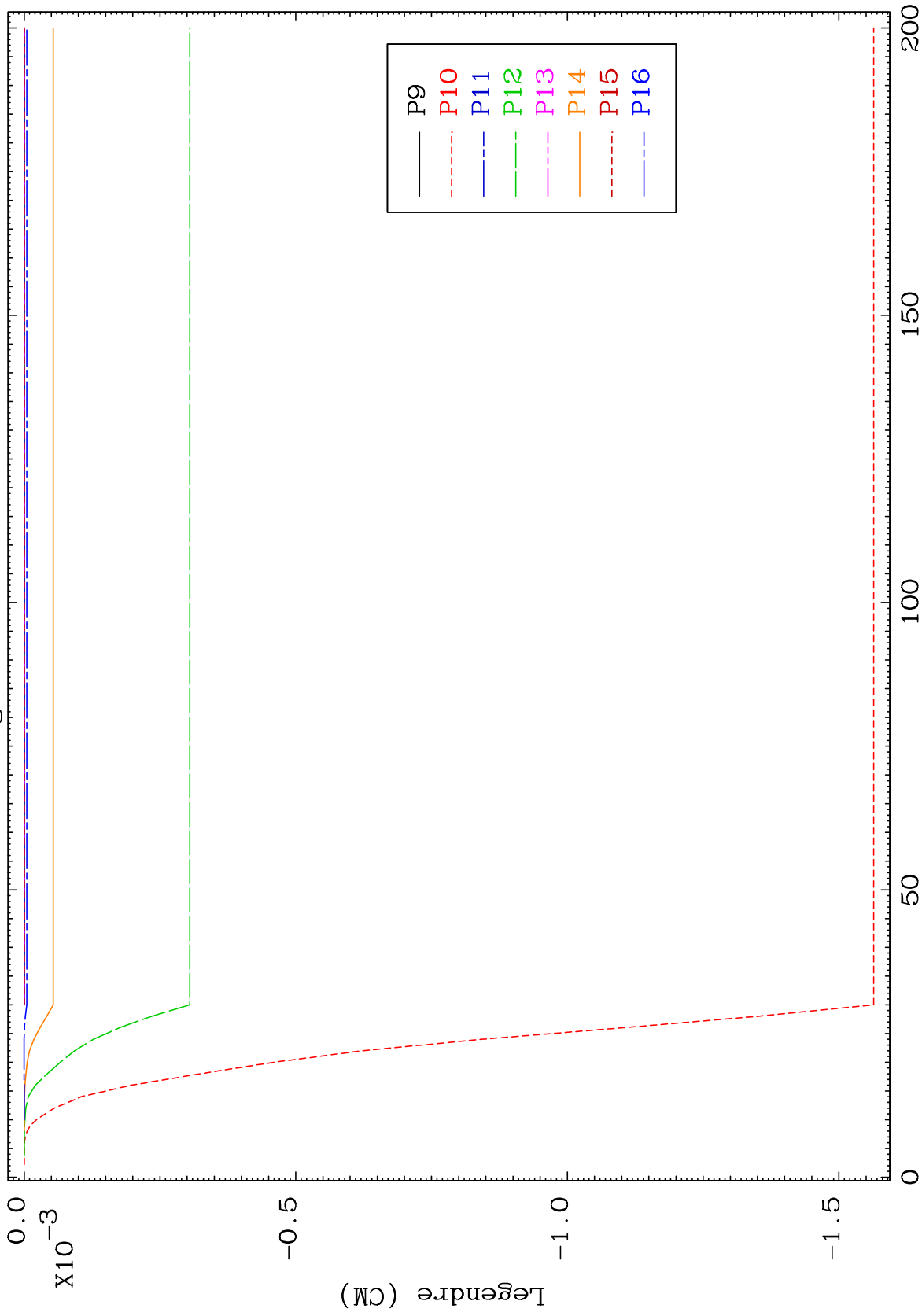
Incident Energy (MeV)

25

MAT 4334

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

43-Tc-102



26

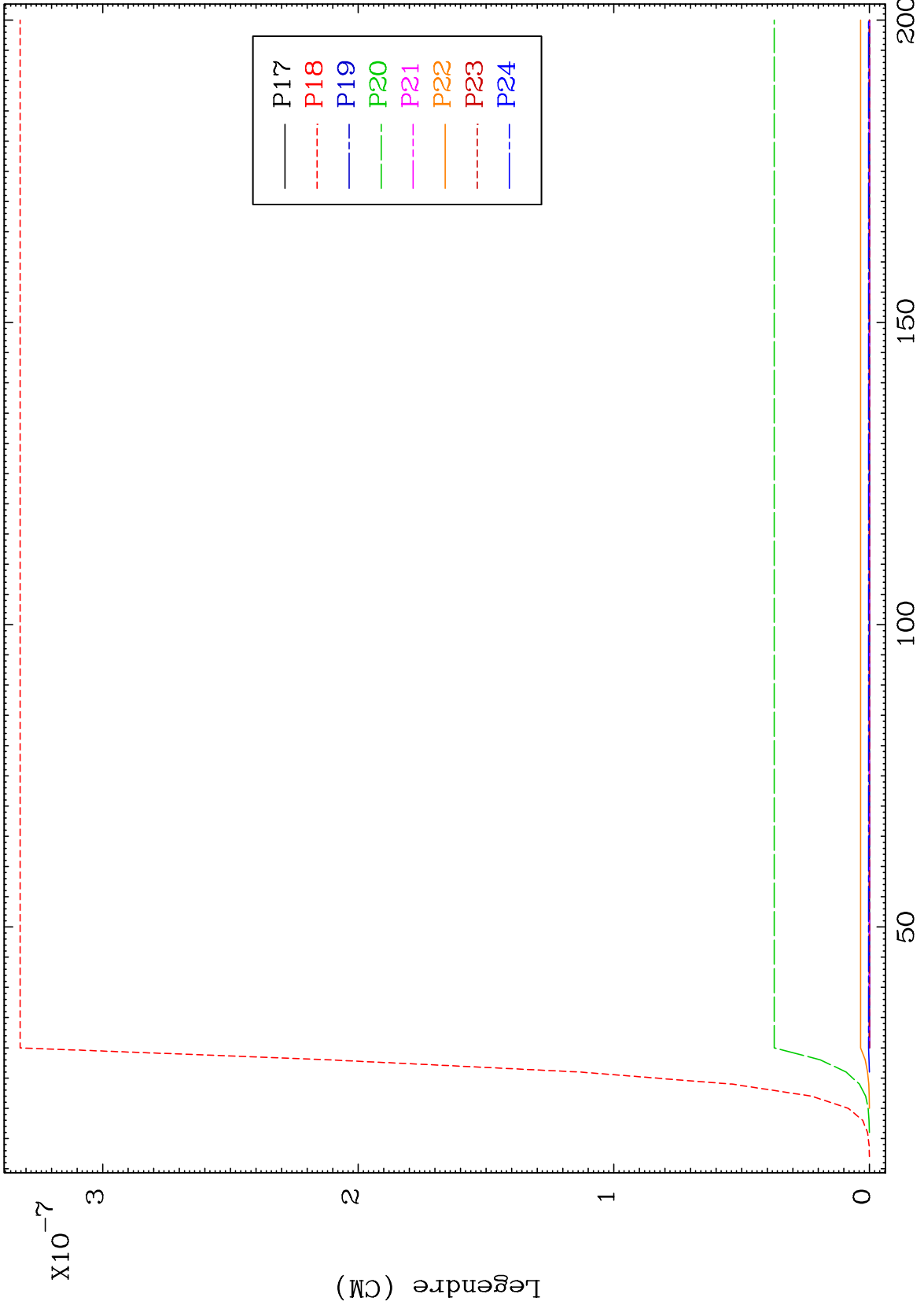
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



27

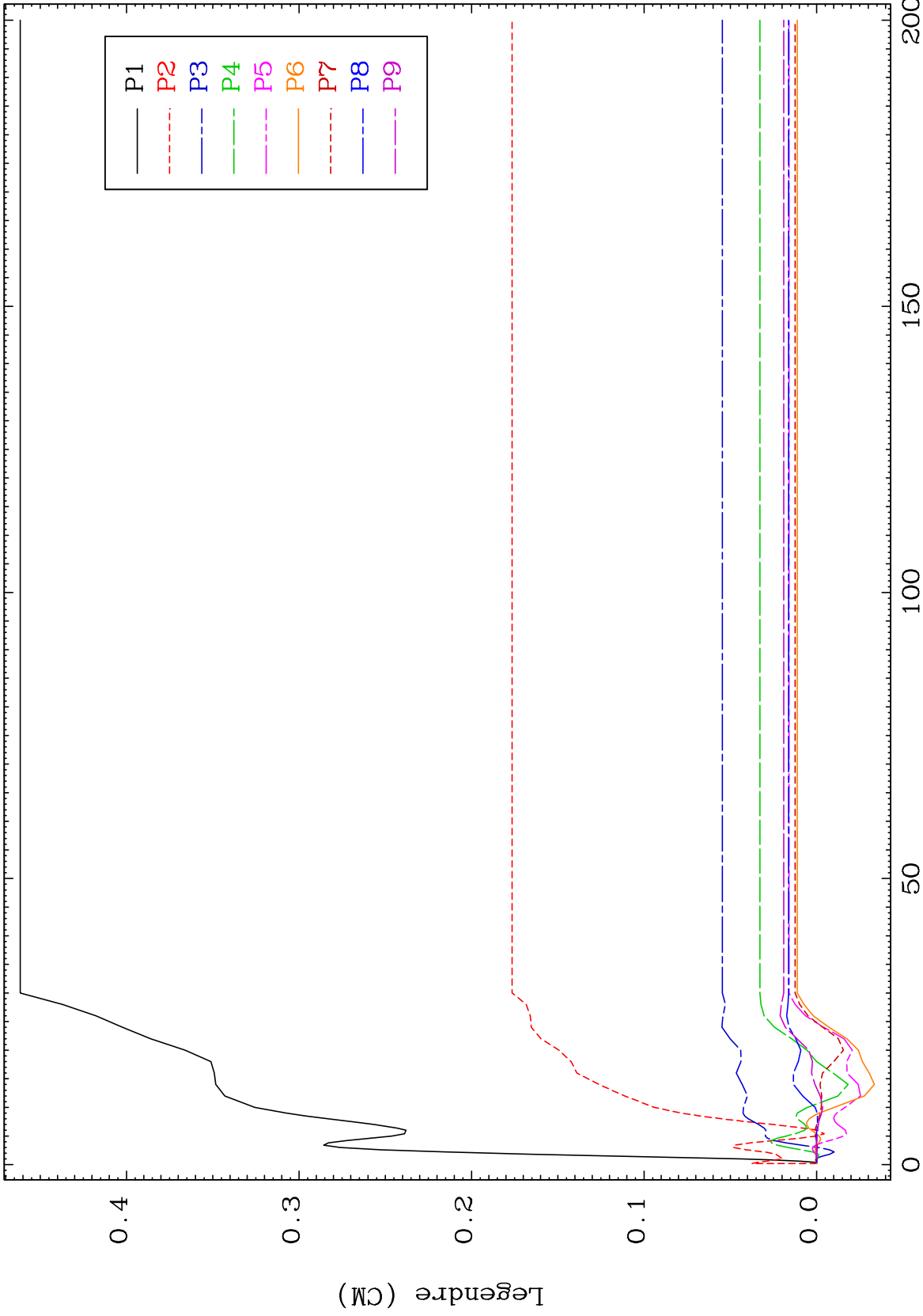
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



28

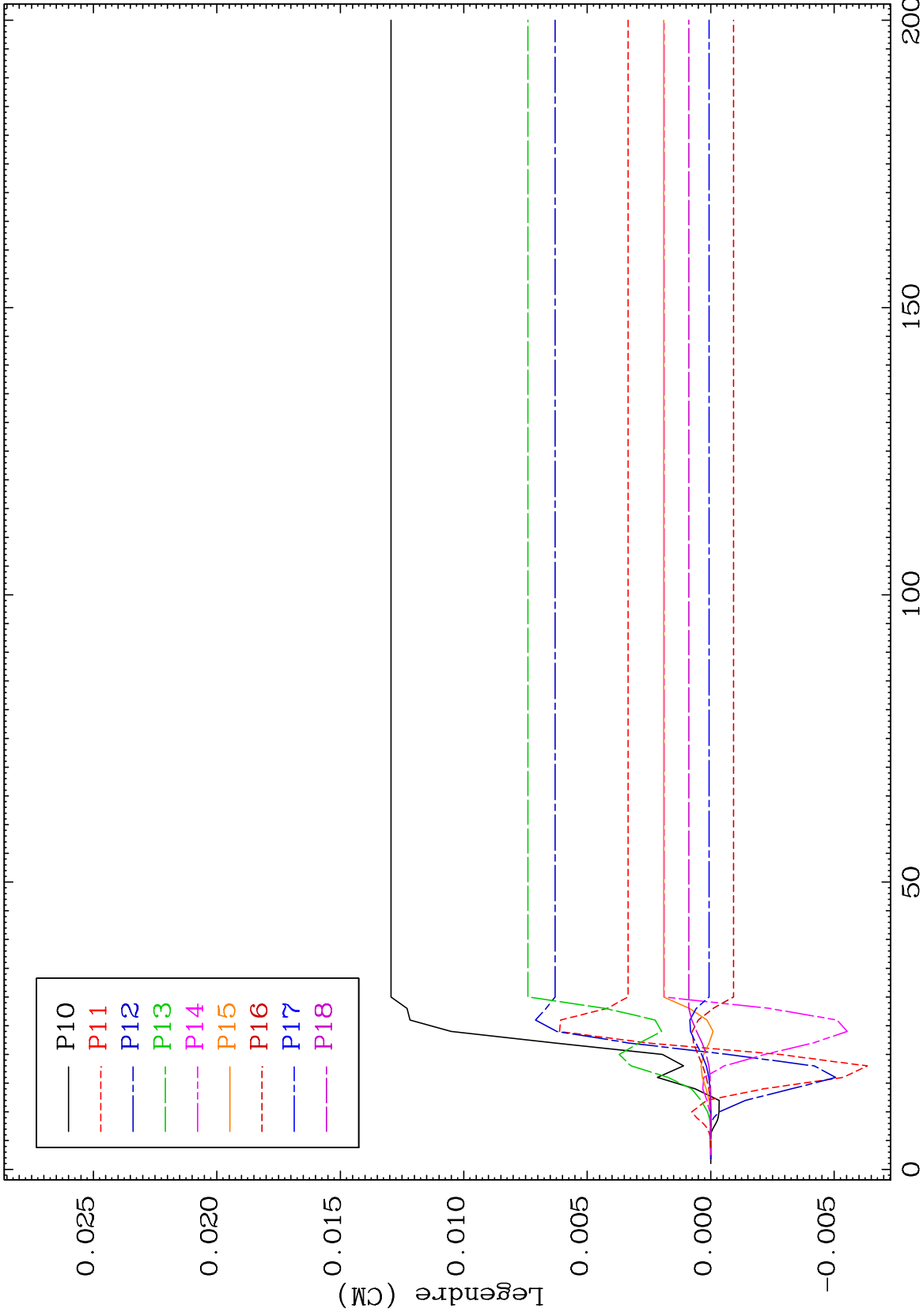
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



29

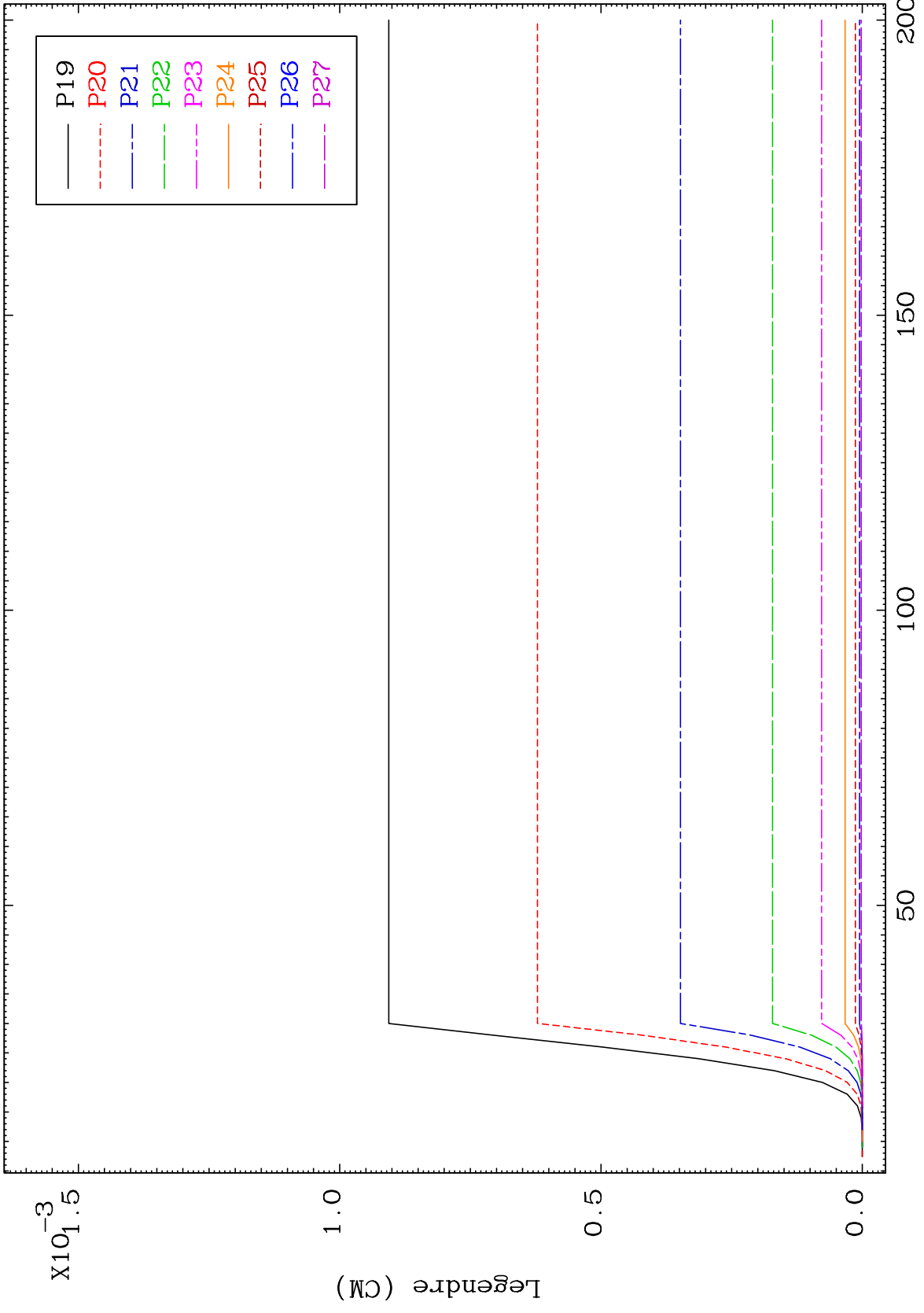
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



30

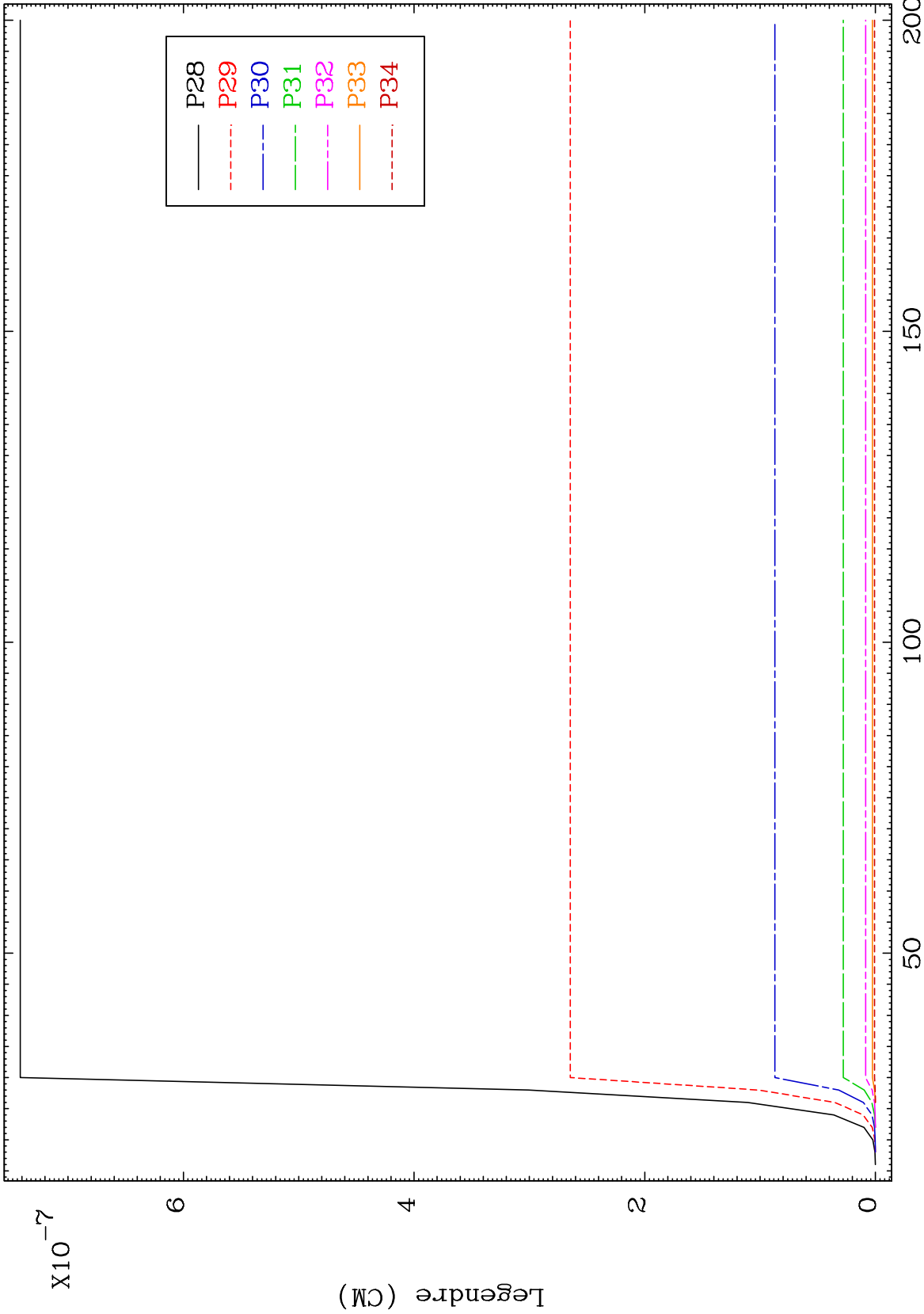
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



31

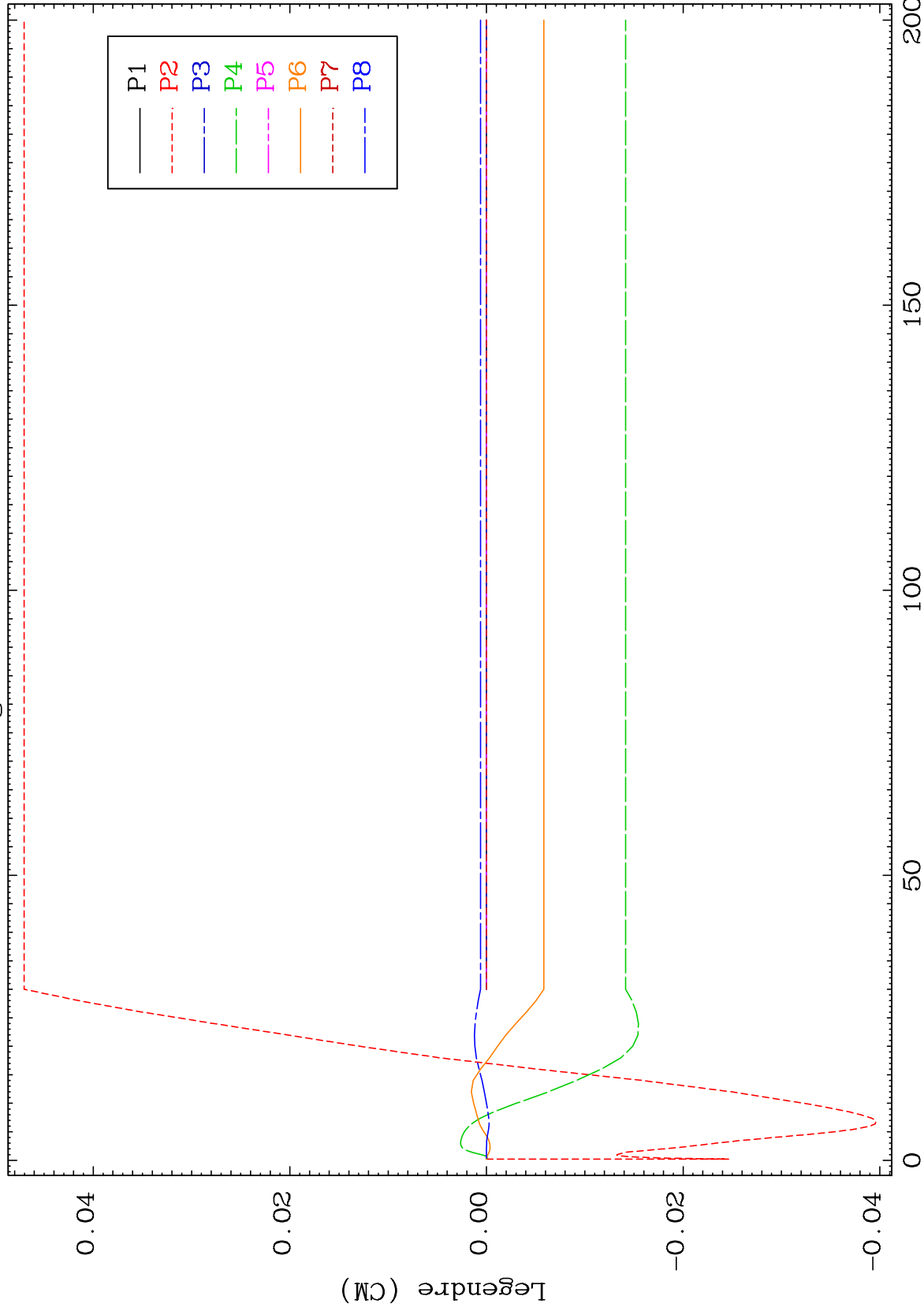
43-Tc-102



MAT 4334

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

43-Tc-102



32

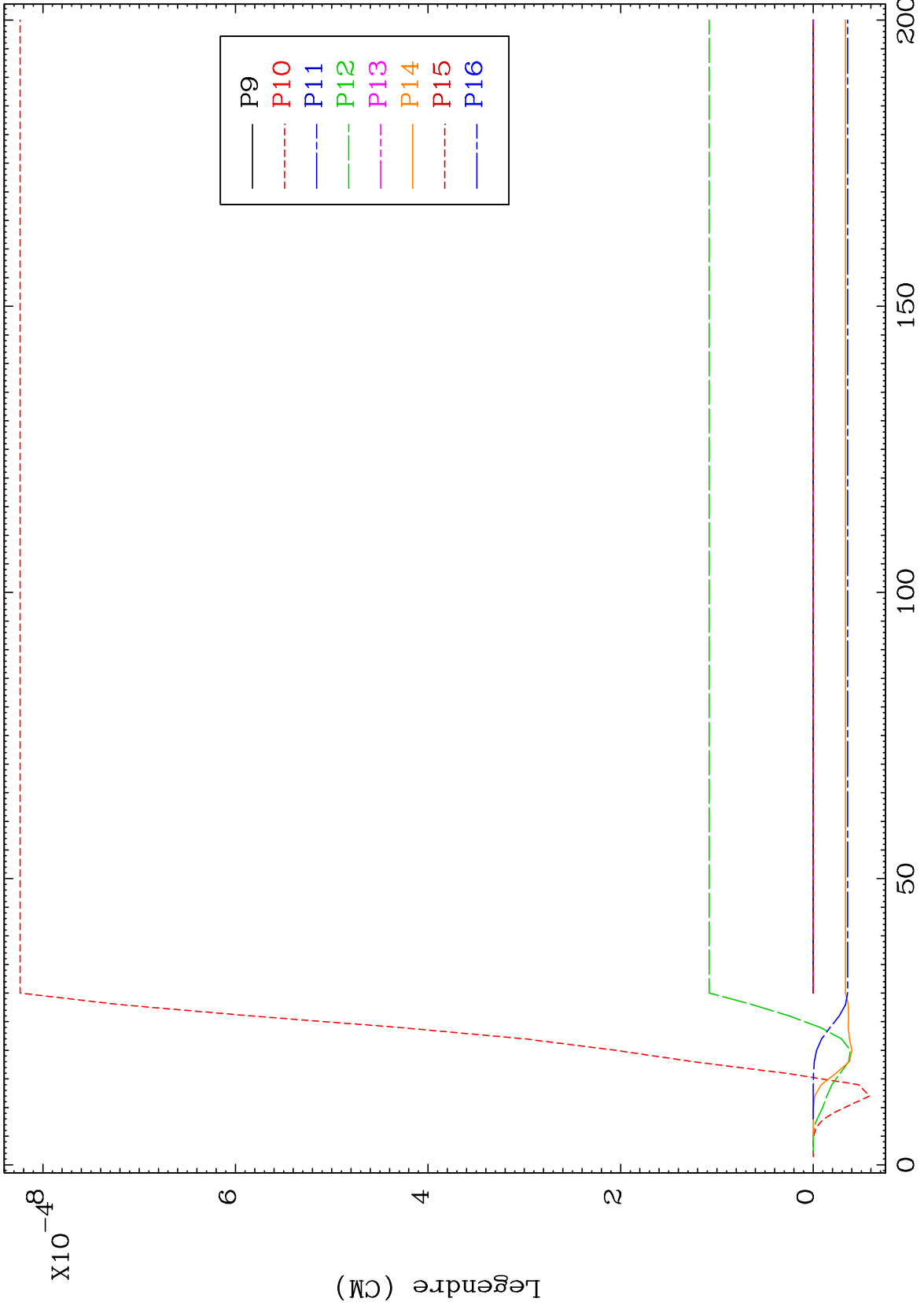
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



33

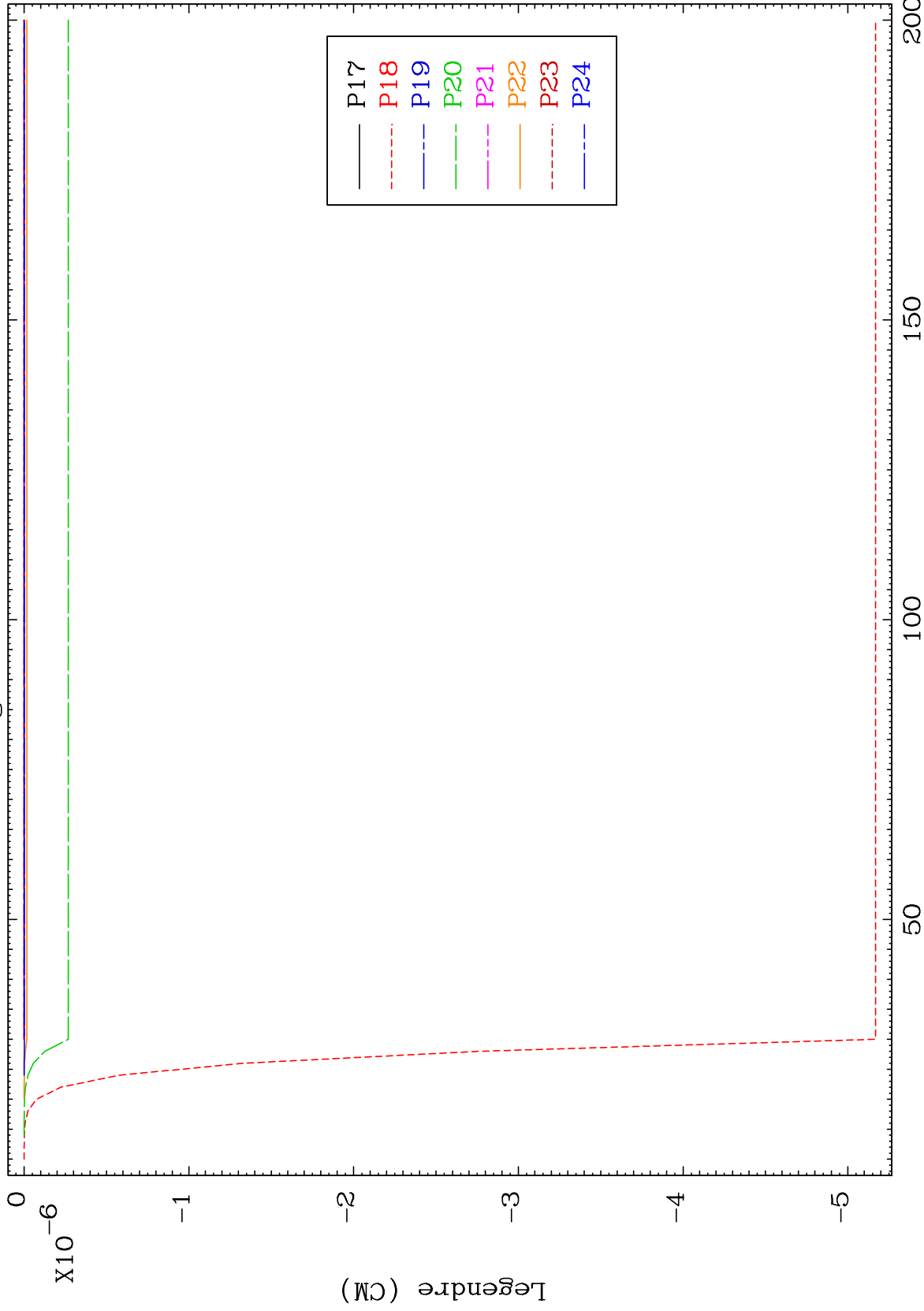
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



34

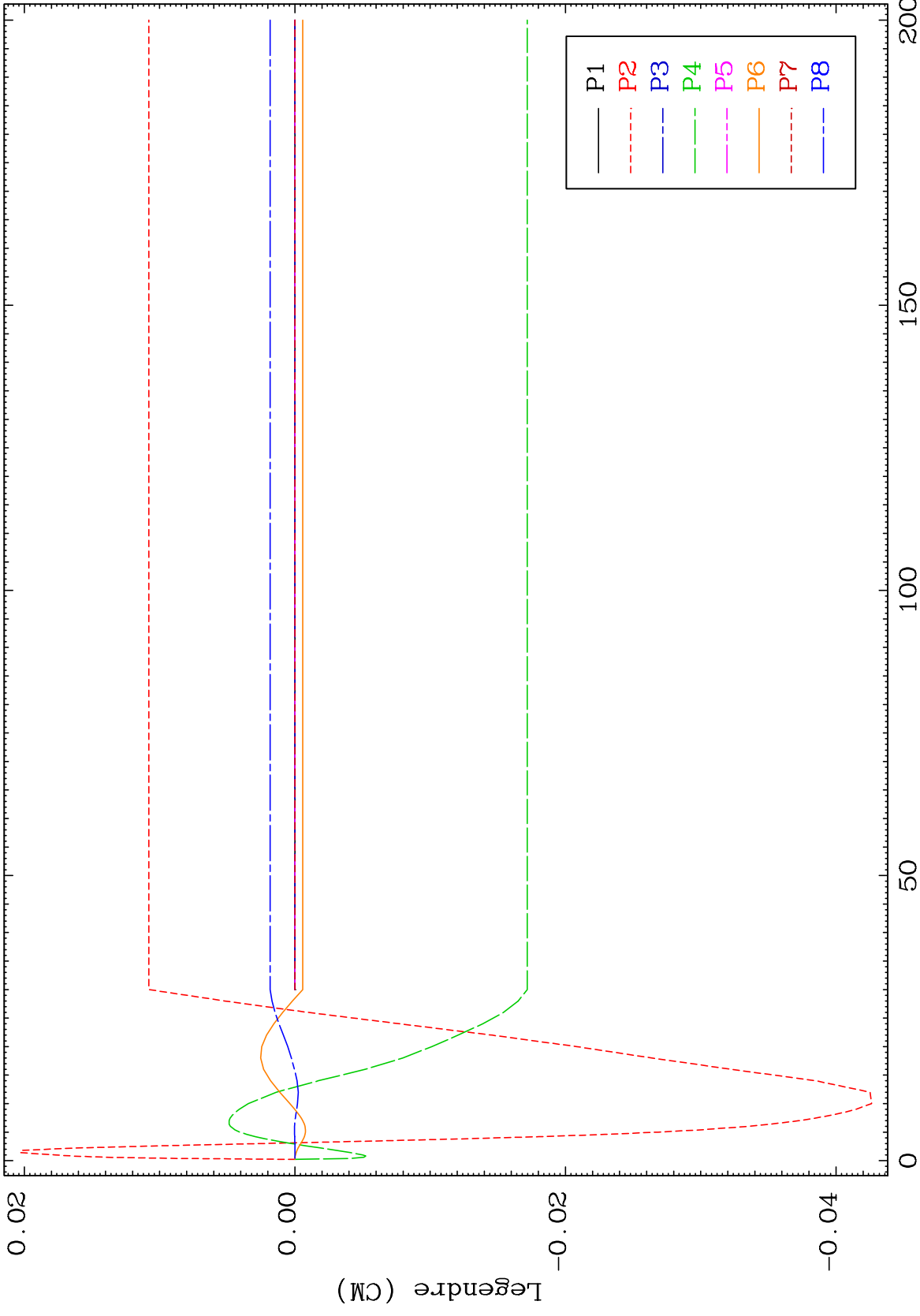
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



43-Tc-102

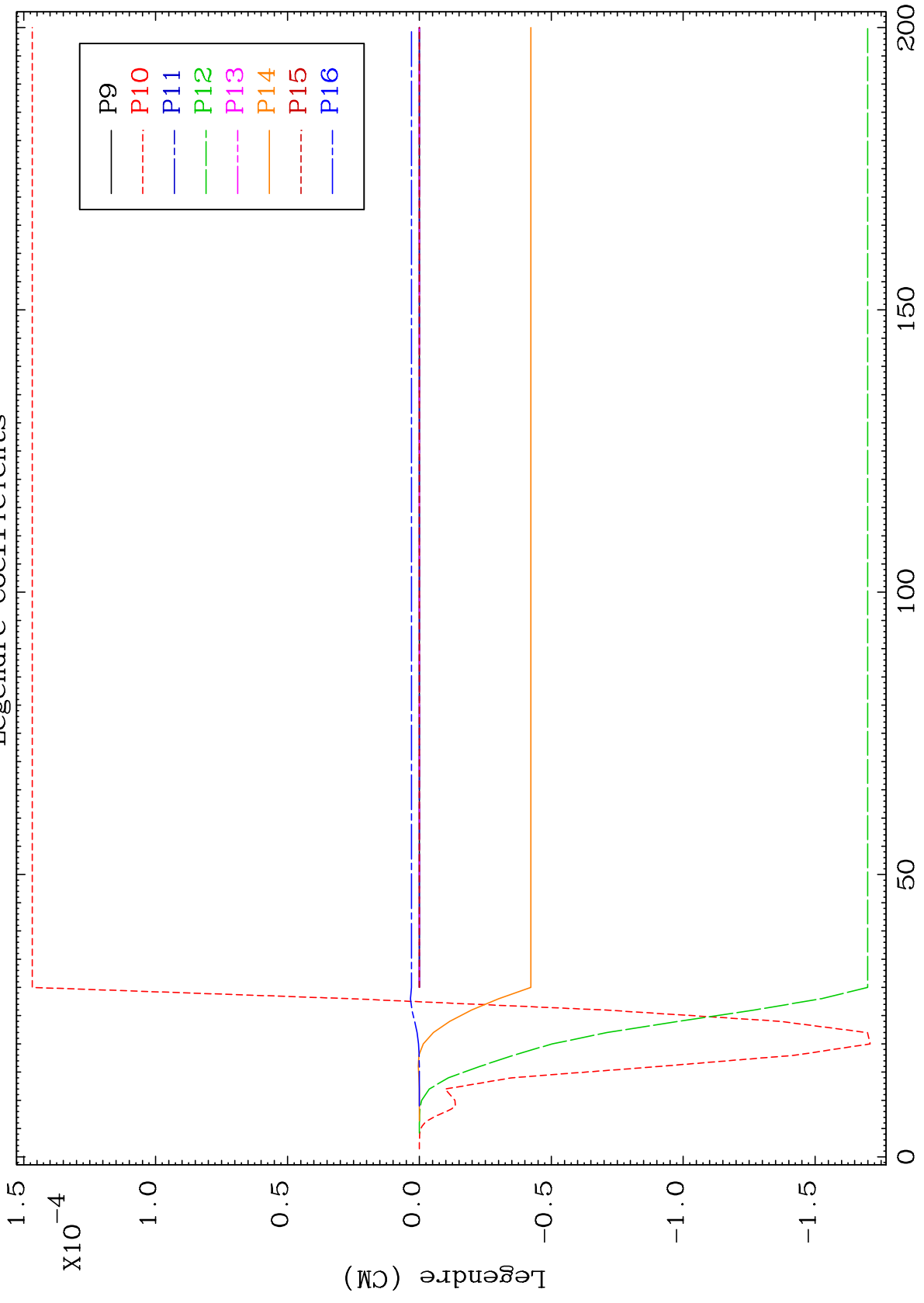
Incident Energy (MeV)

35

MAT 4334

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

43-Tc-102



36

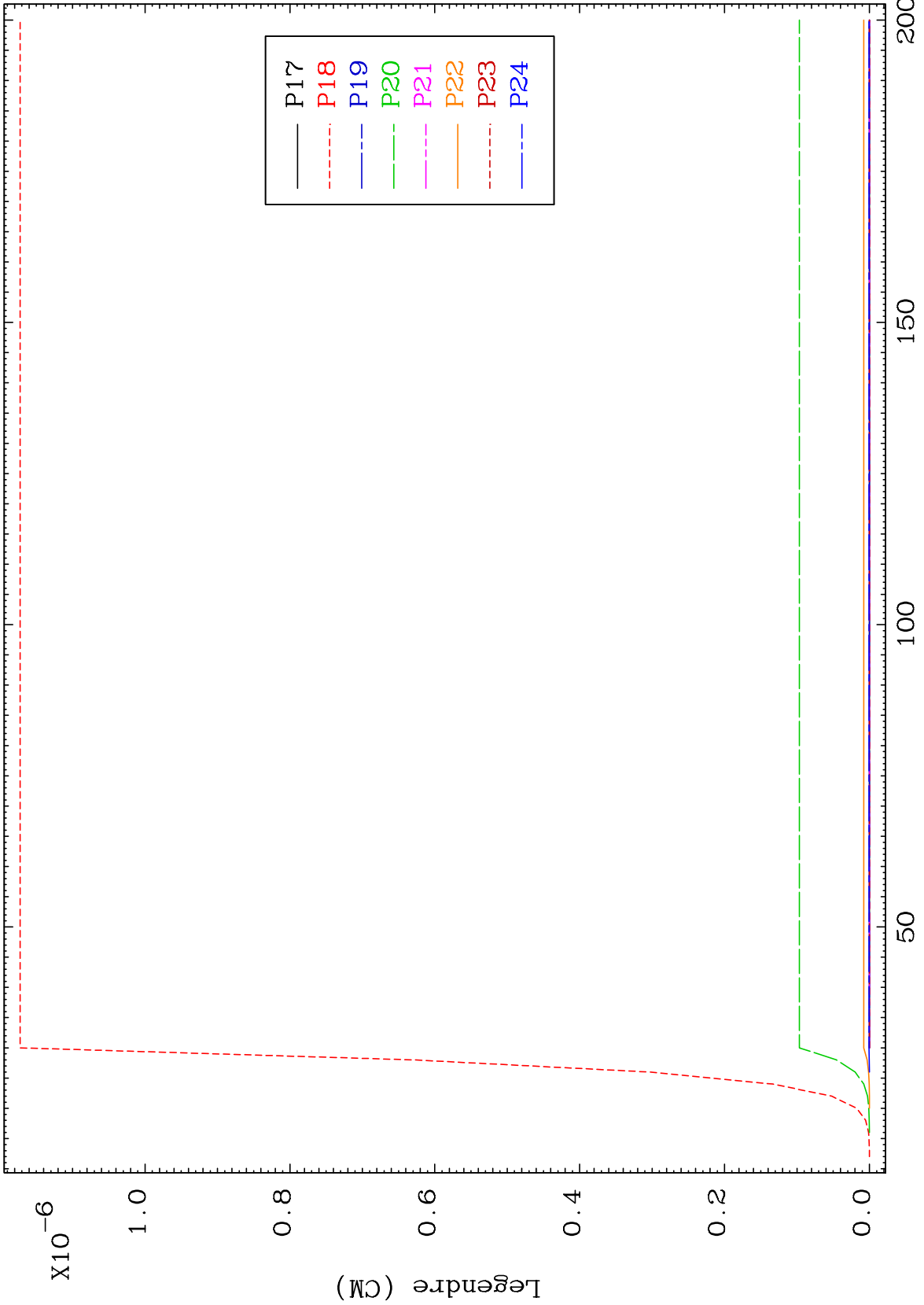
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



37

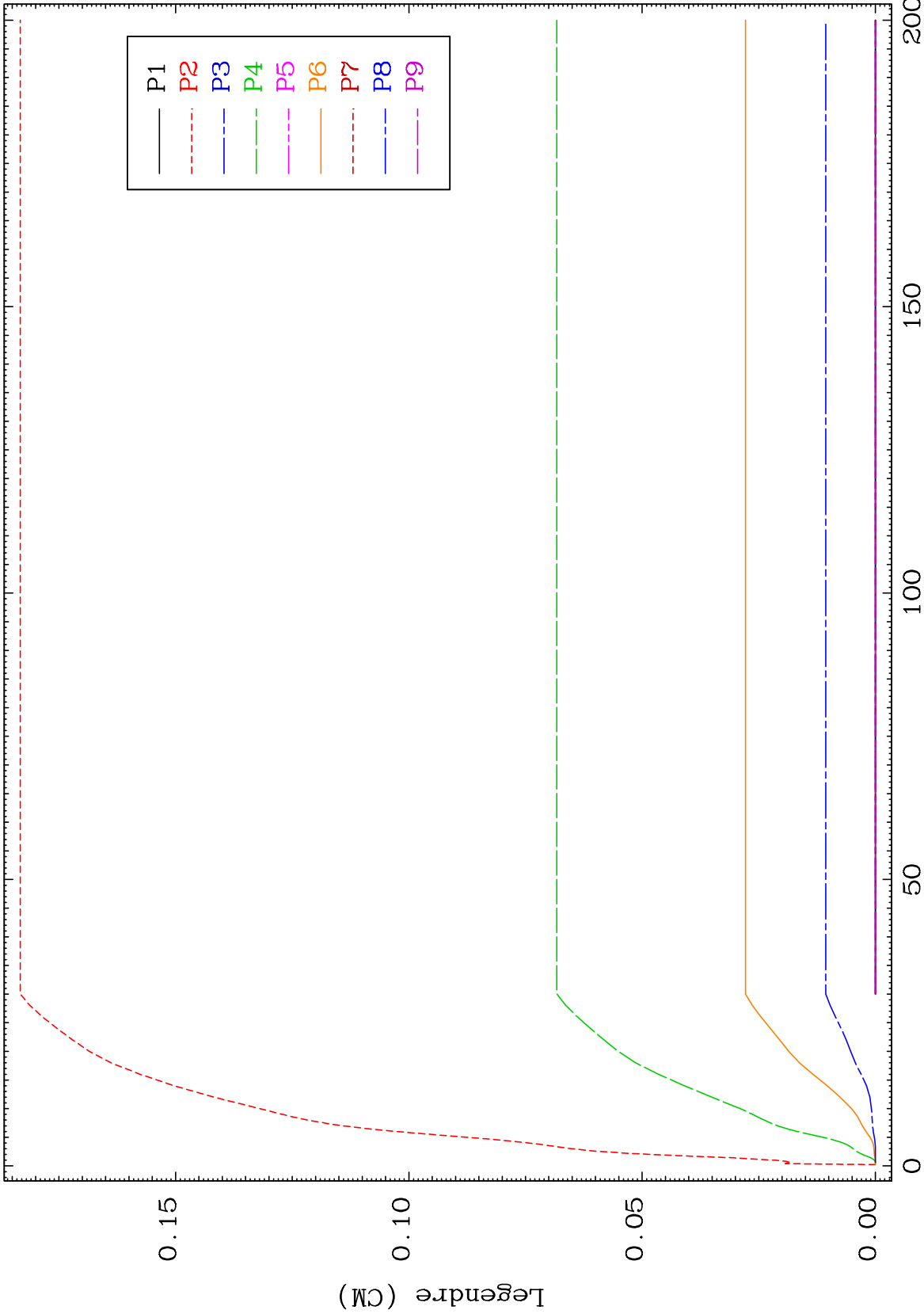
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



38

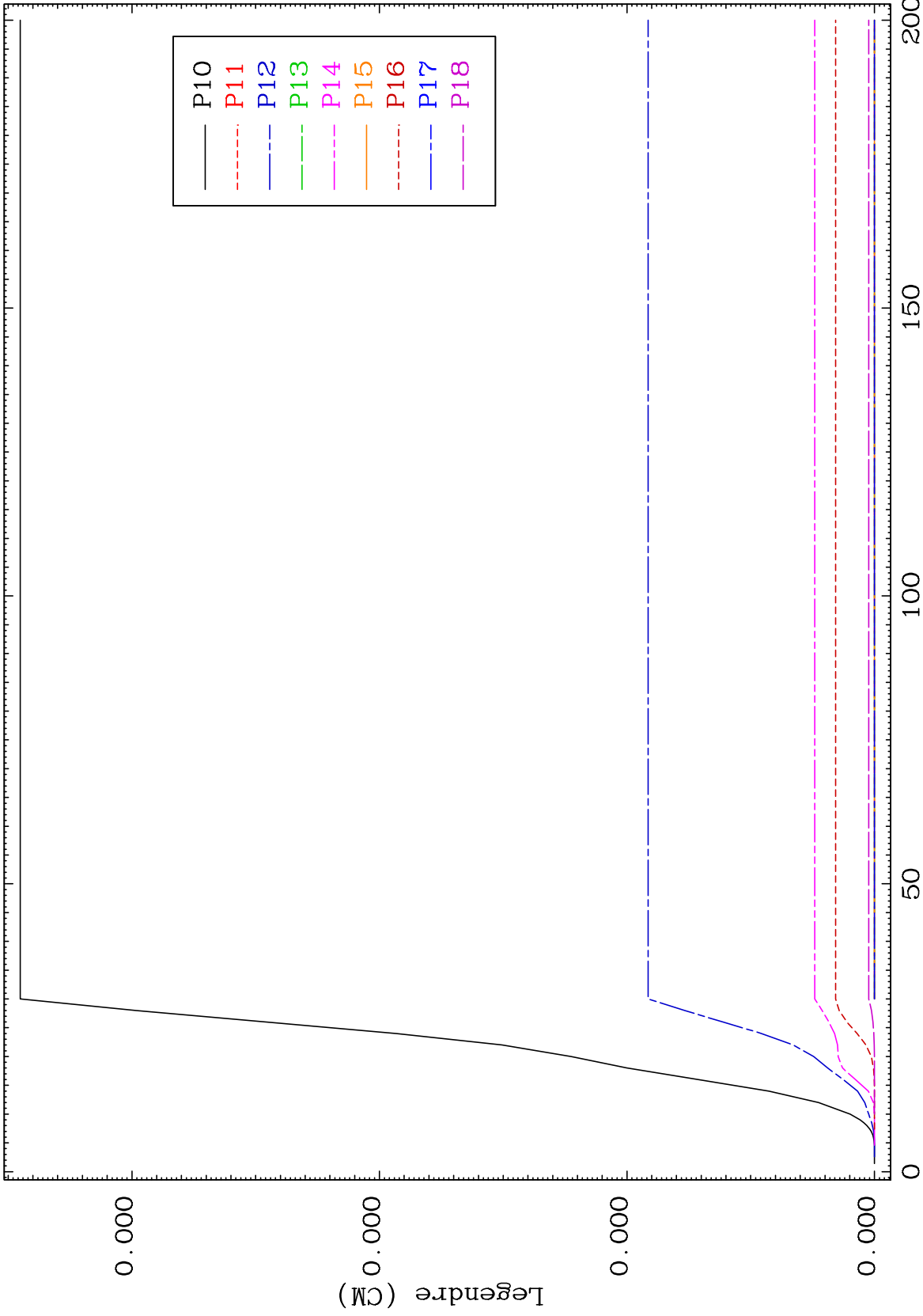
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



39

Incident Energy (MeV)

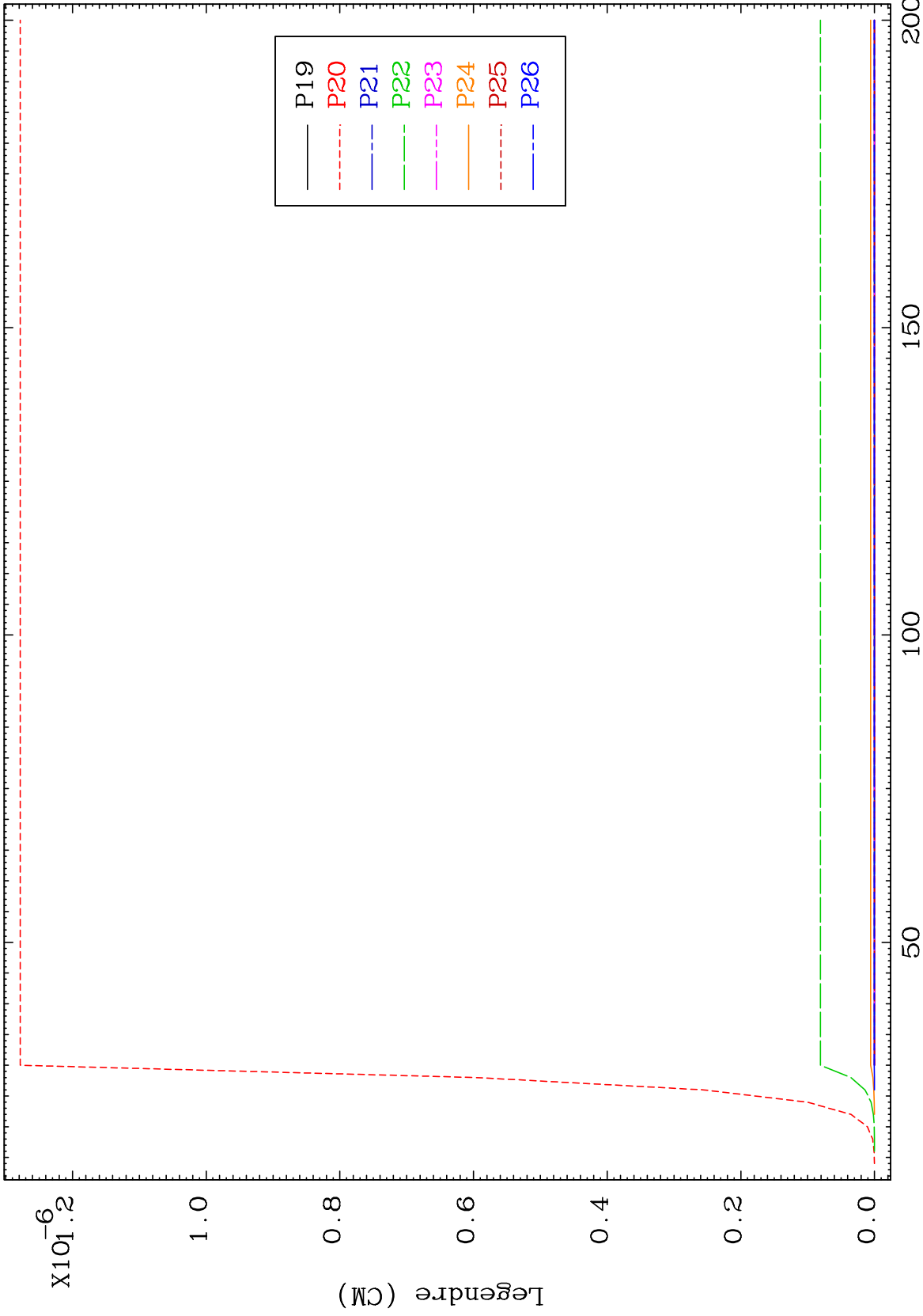
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MAT 4334

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

43-Tc-102



40

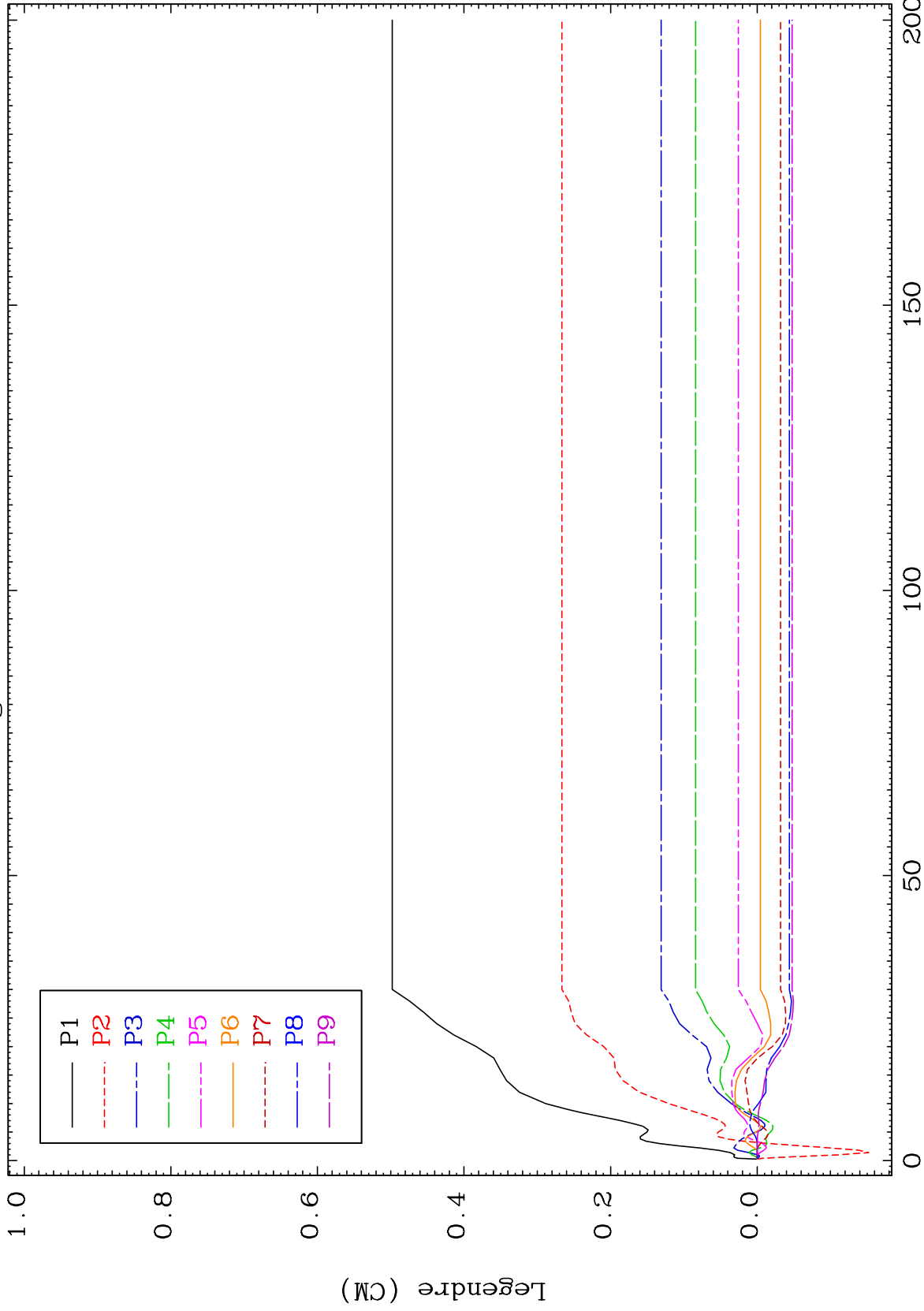
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



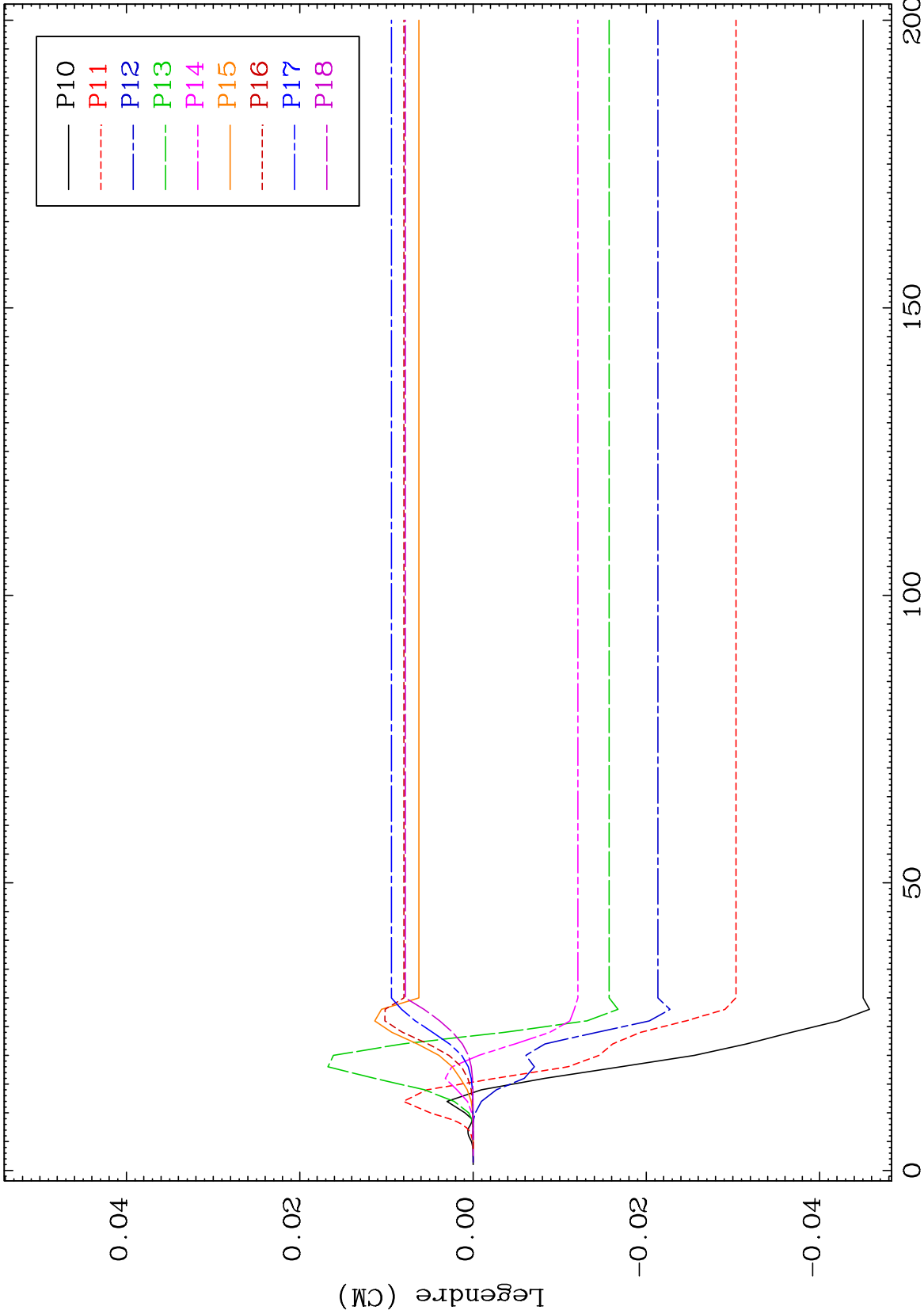
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43-Tc-102

MAT 4334

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

43-Tc-102



42

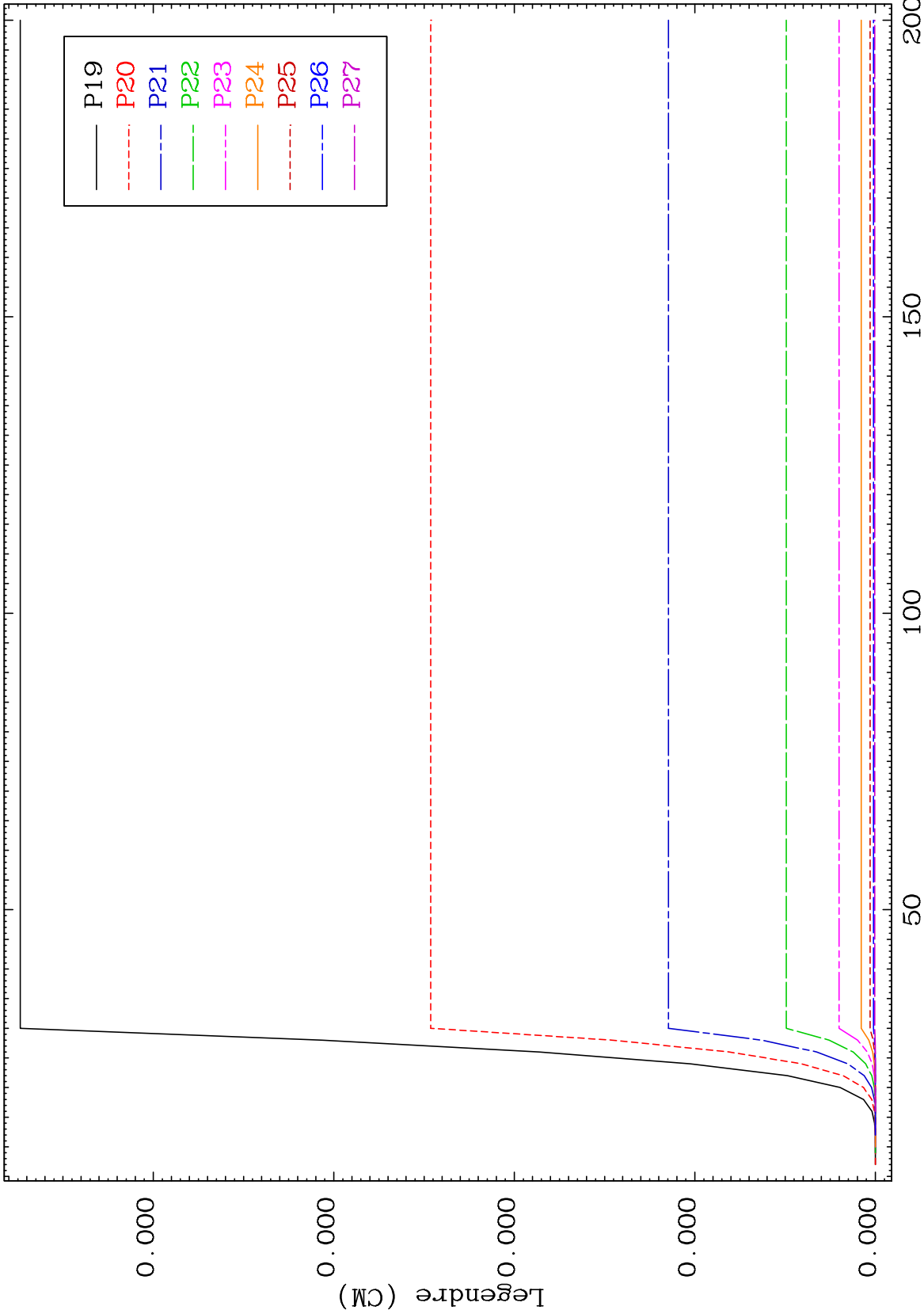
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



43

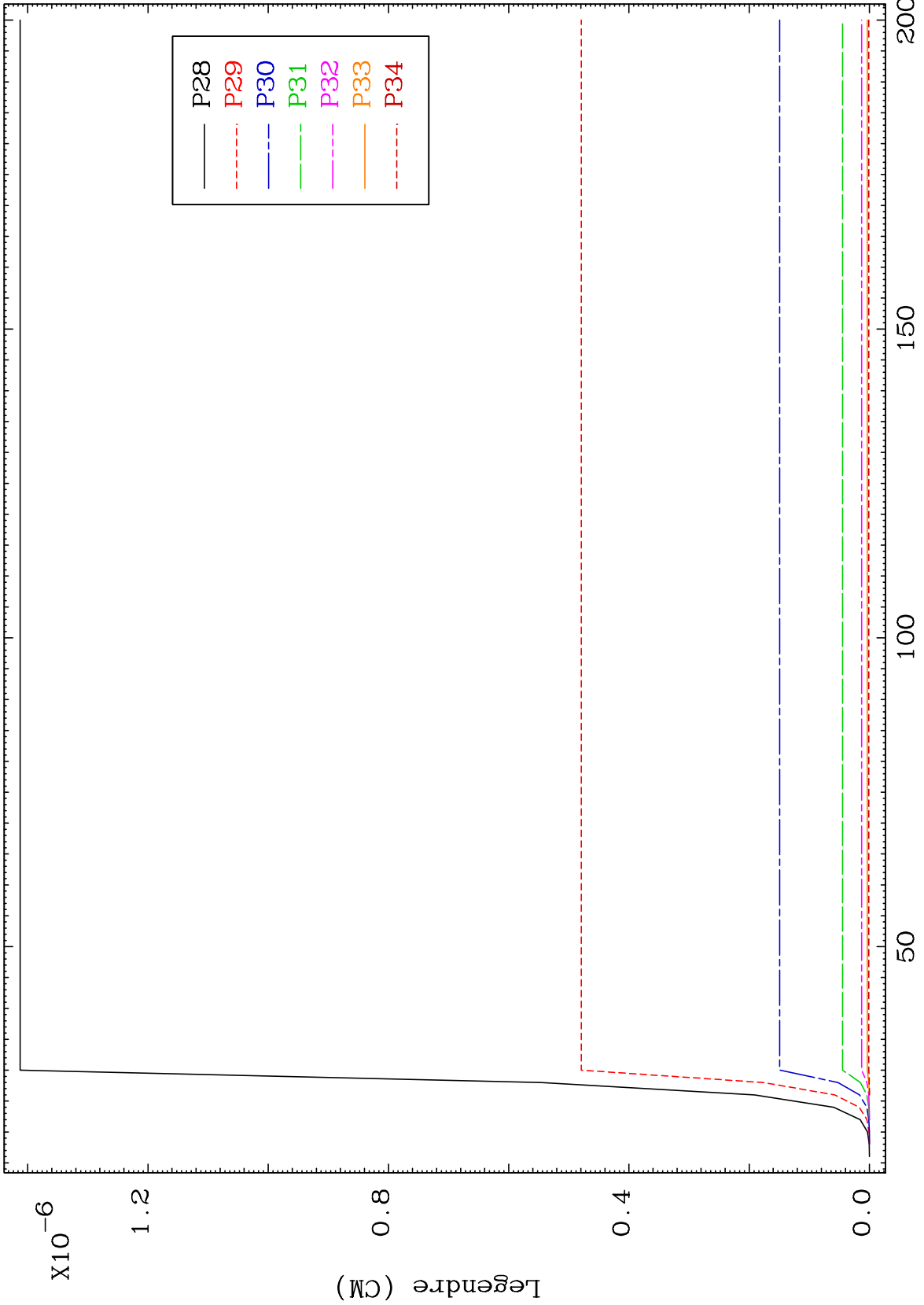
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102

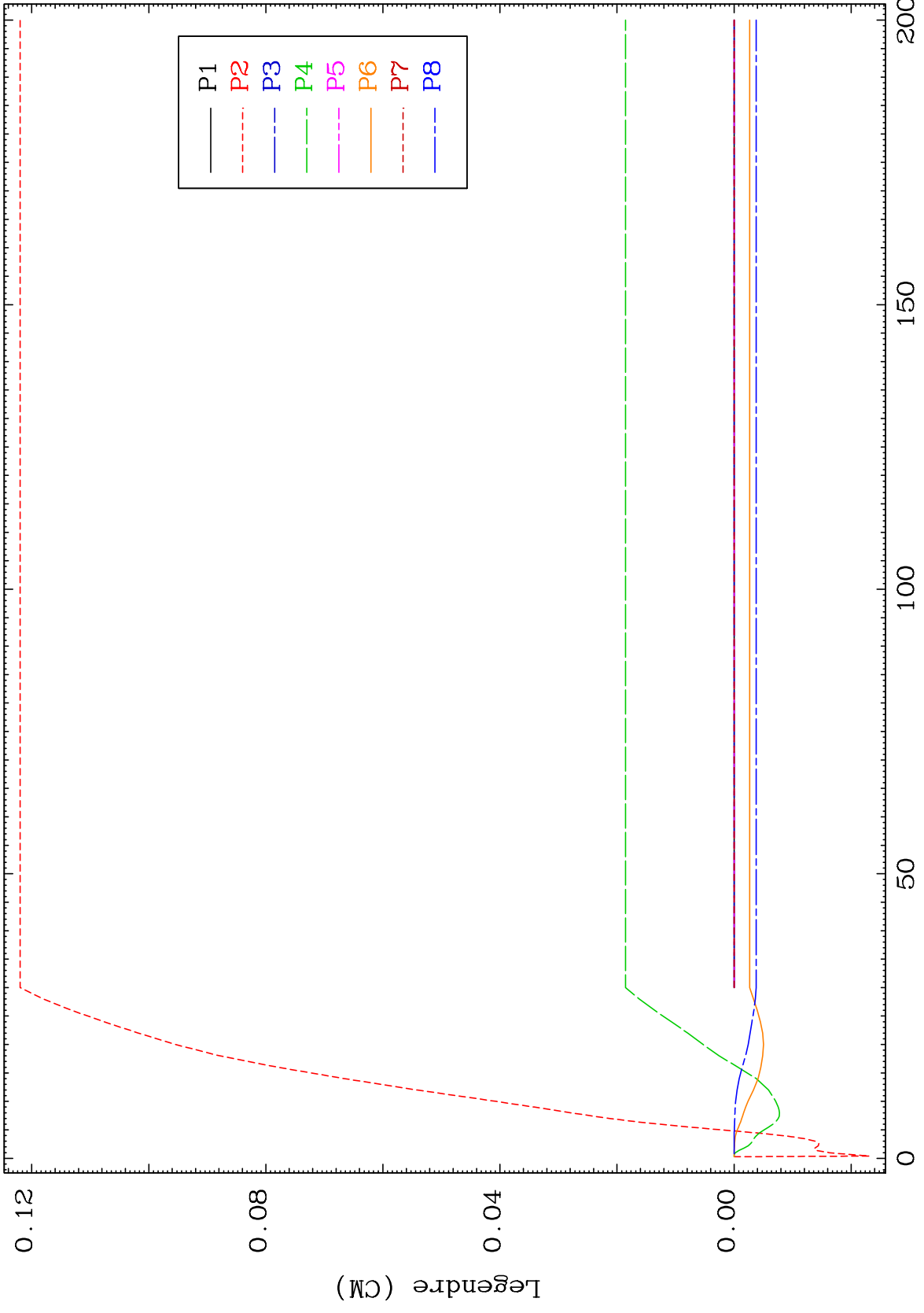


44

Incident Energy (MeV)

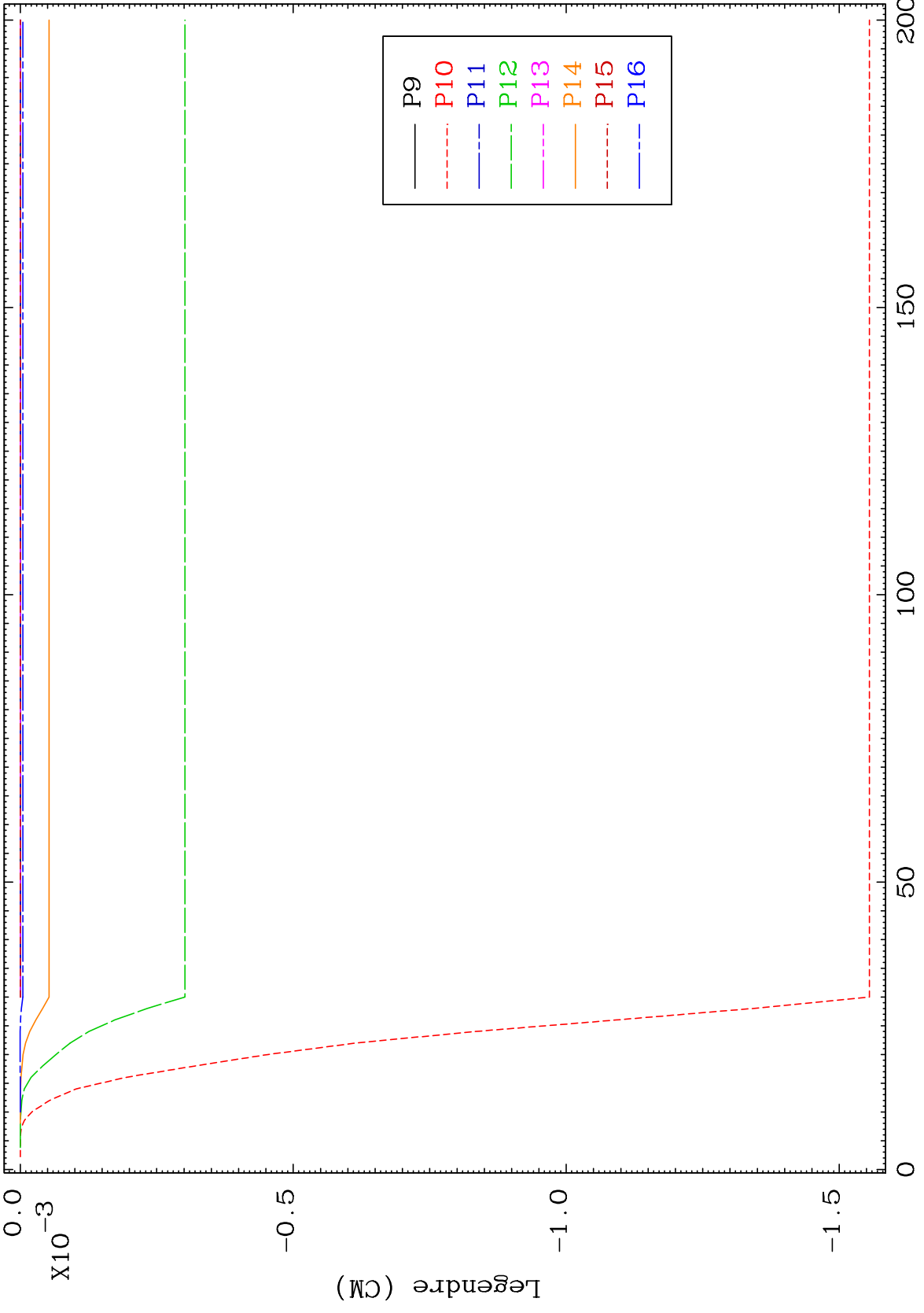
43-Tc-102

MAT 4334 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-102



43-Tc-102

MAT 4334 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-102

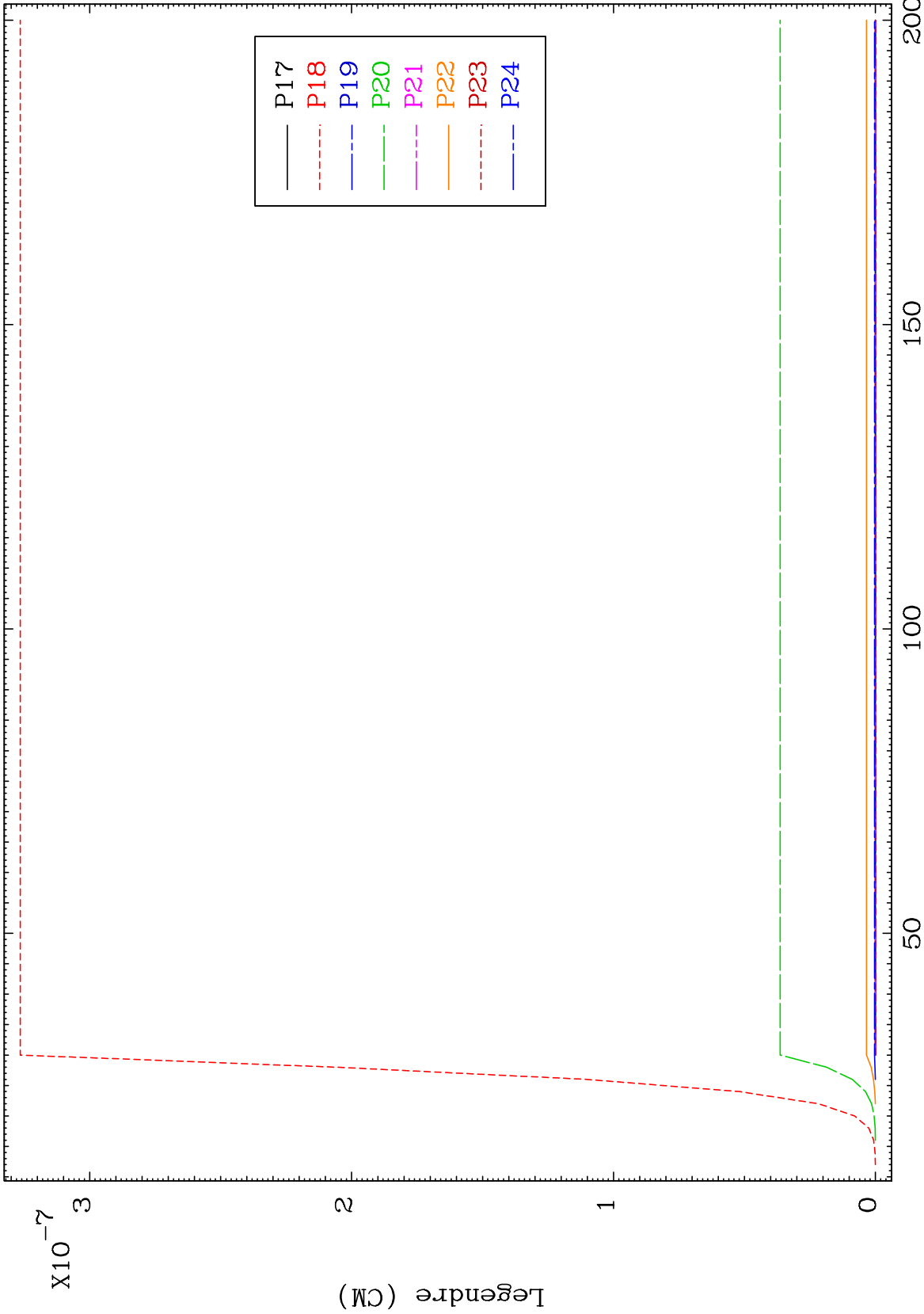


46 43-Tc-102

MAT 4334

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

43-Tc-102



47

Incident Energy (MeV)

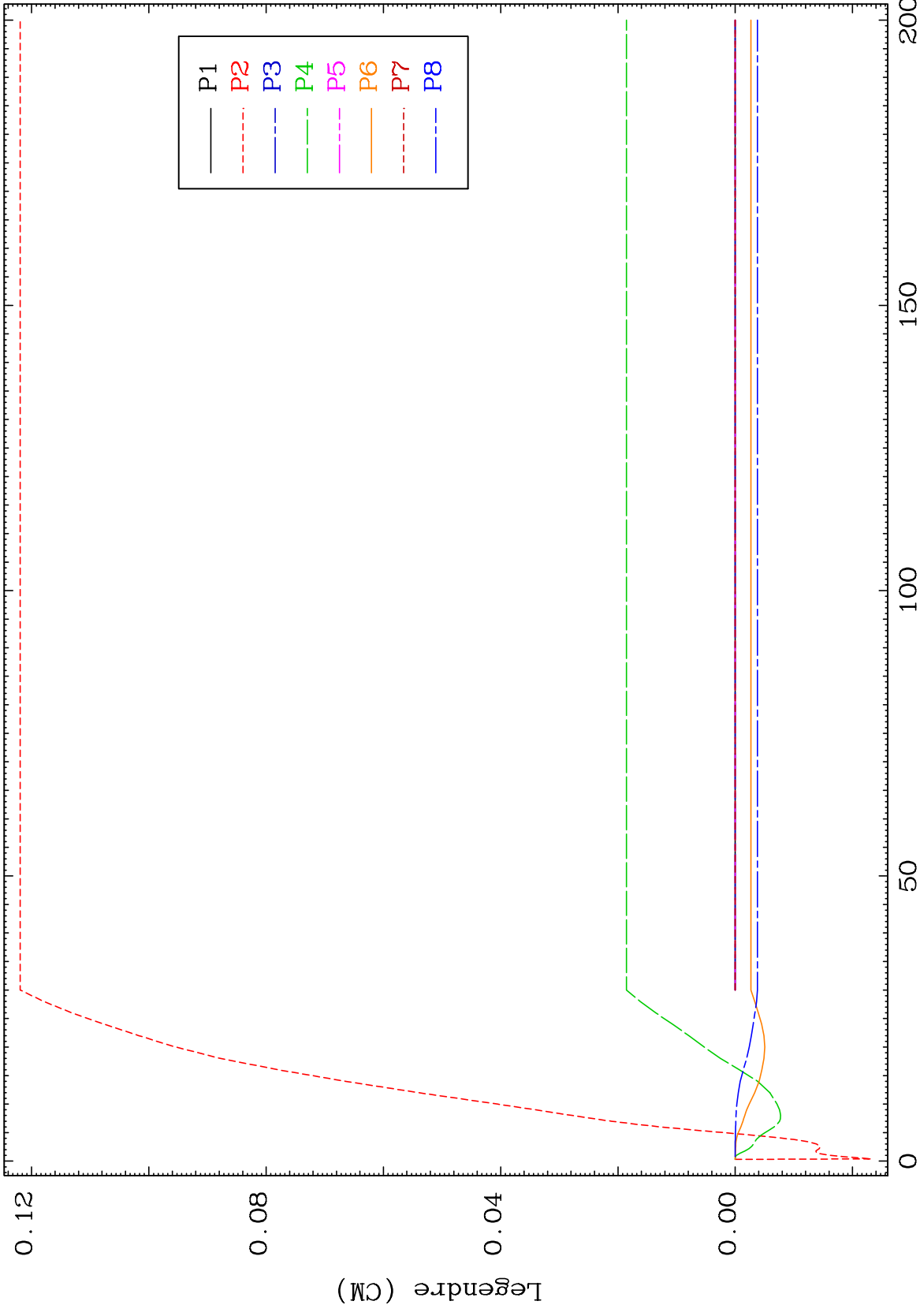
43-Tc-102



MAT 4334

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

43-Tc-102



48

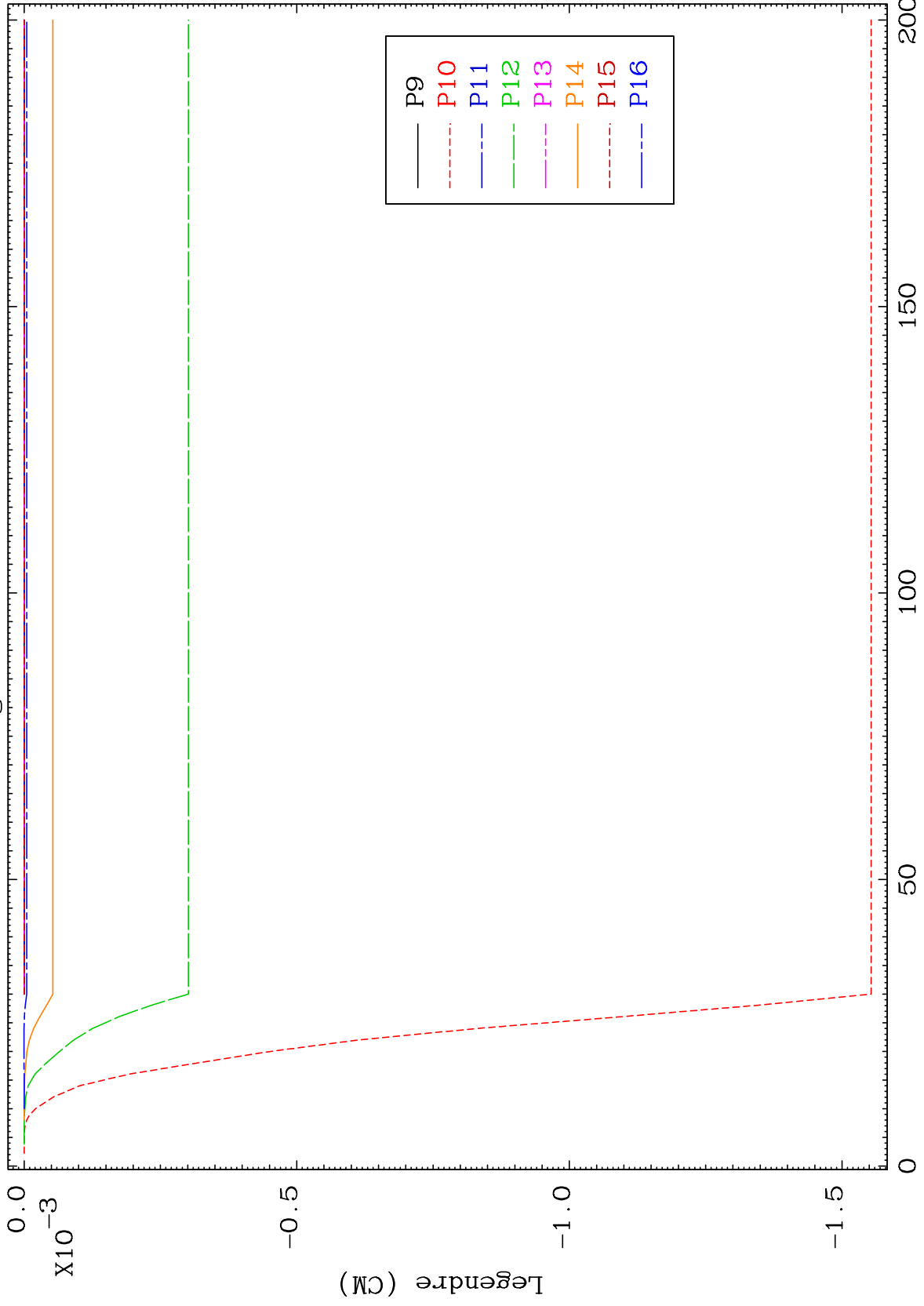
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



43-Tc-102

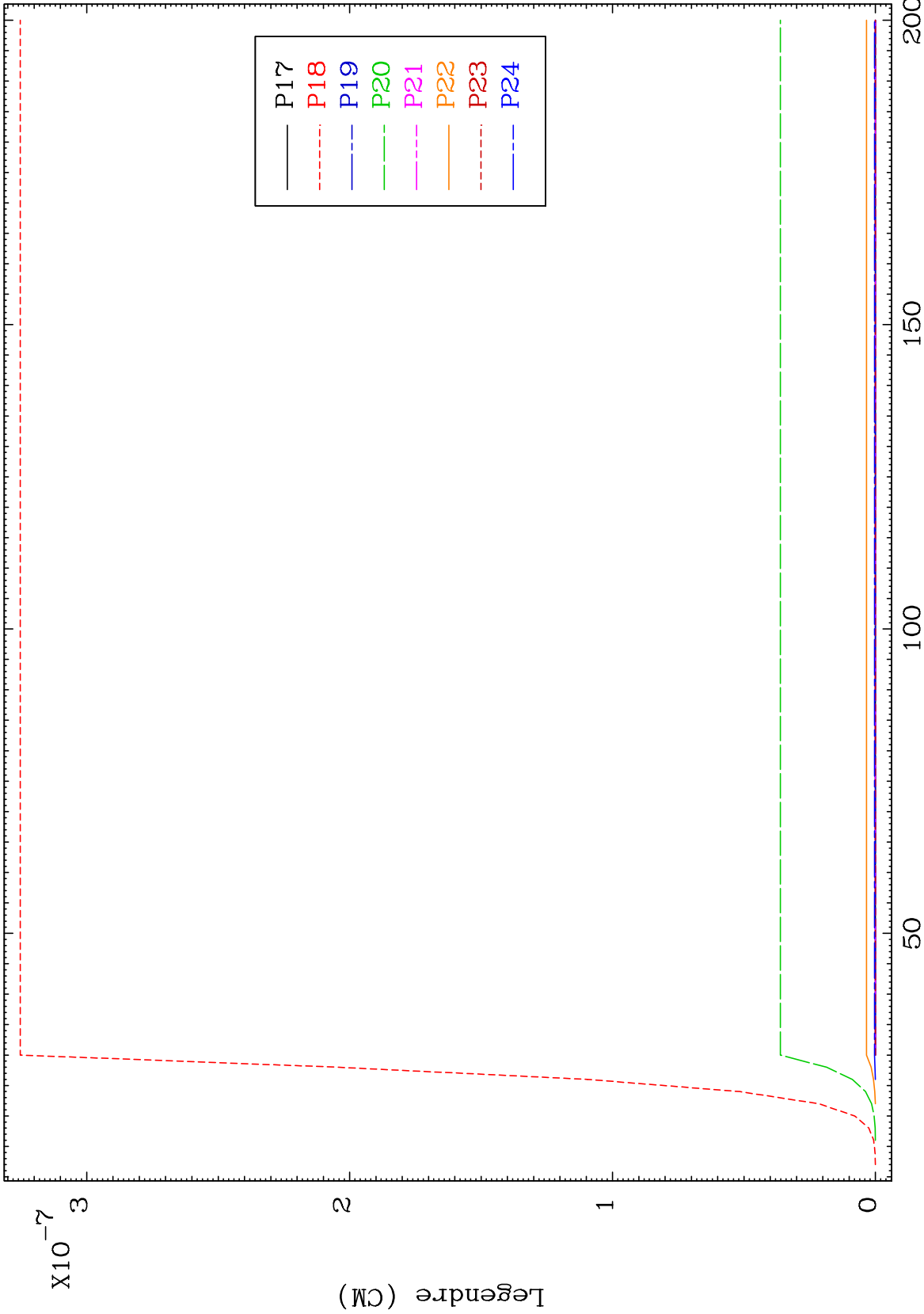
Incident Energy (MeV)

49

MAT 4334

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

43-Tc-102



50

50

100

150

200

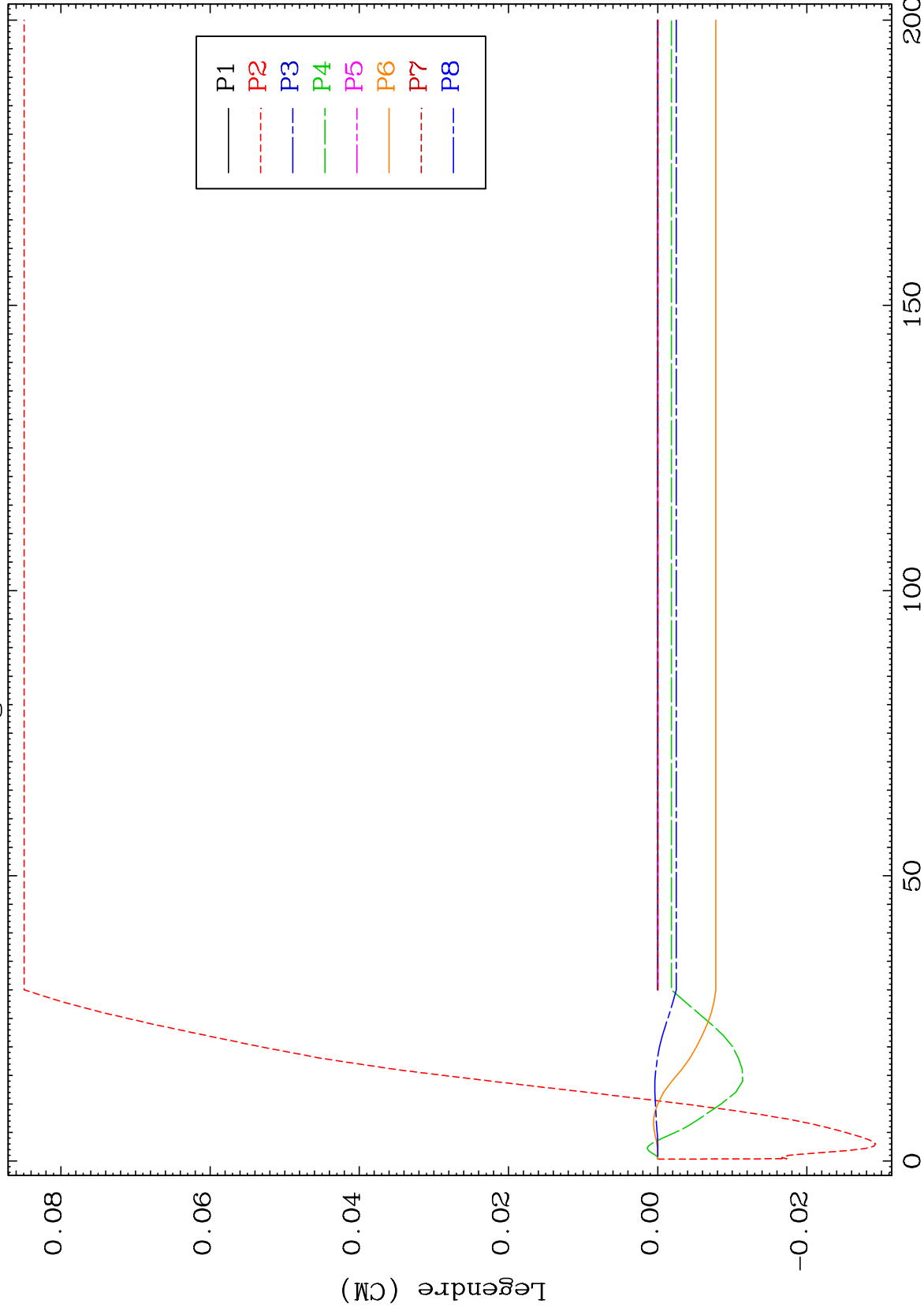
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



51

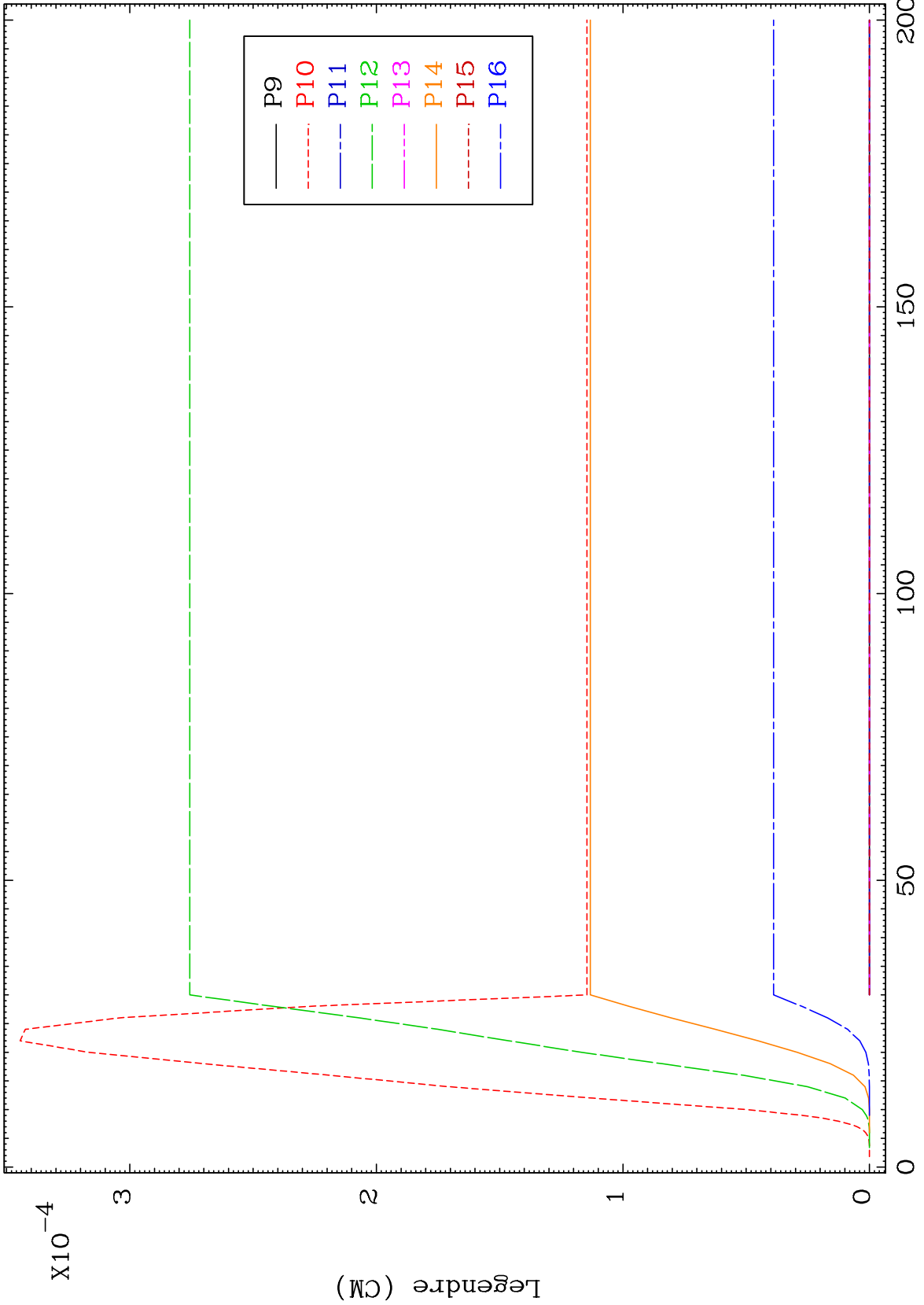
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



52

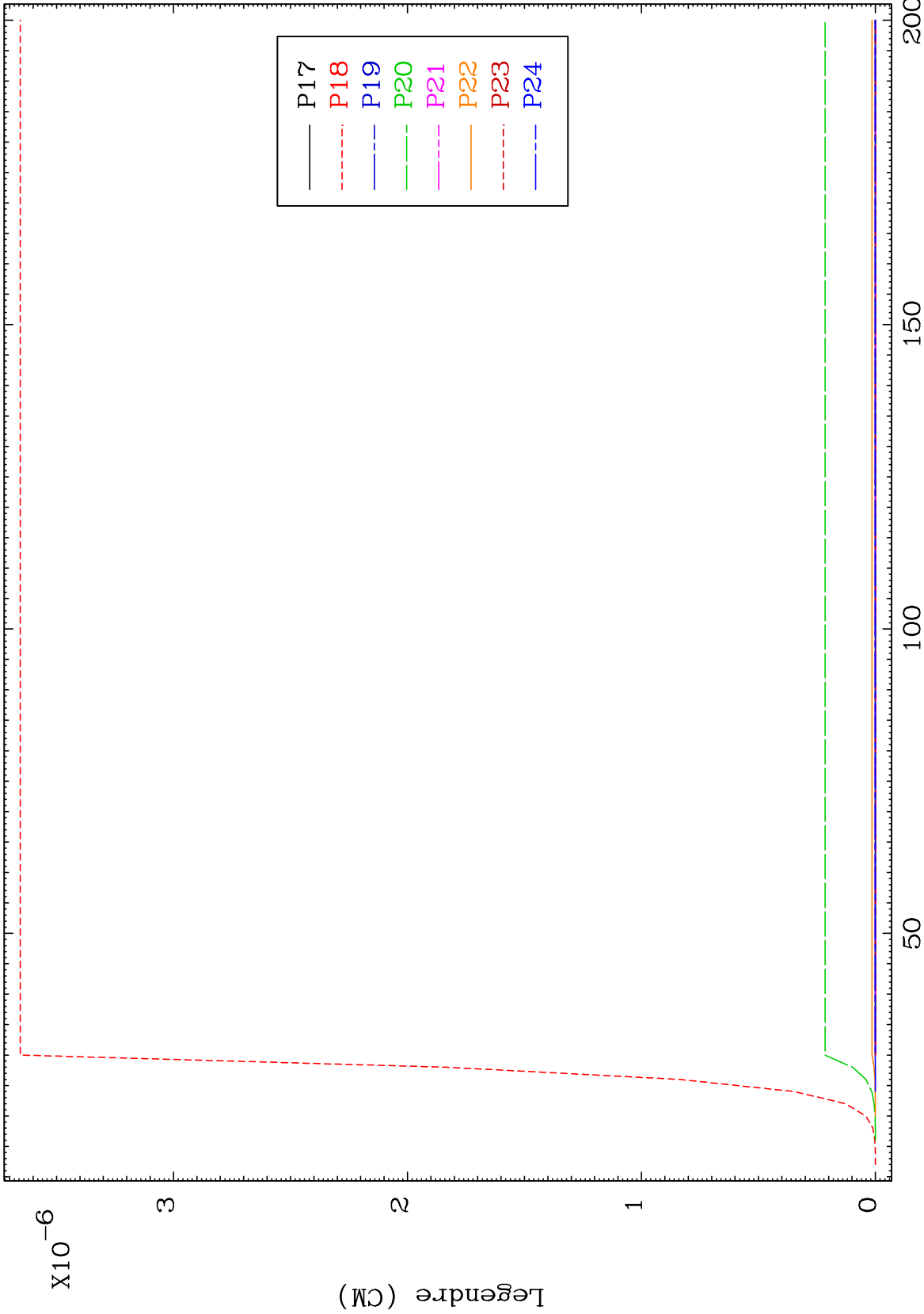
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



53

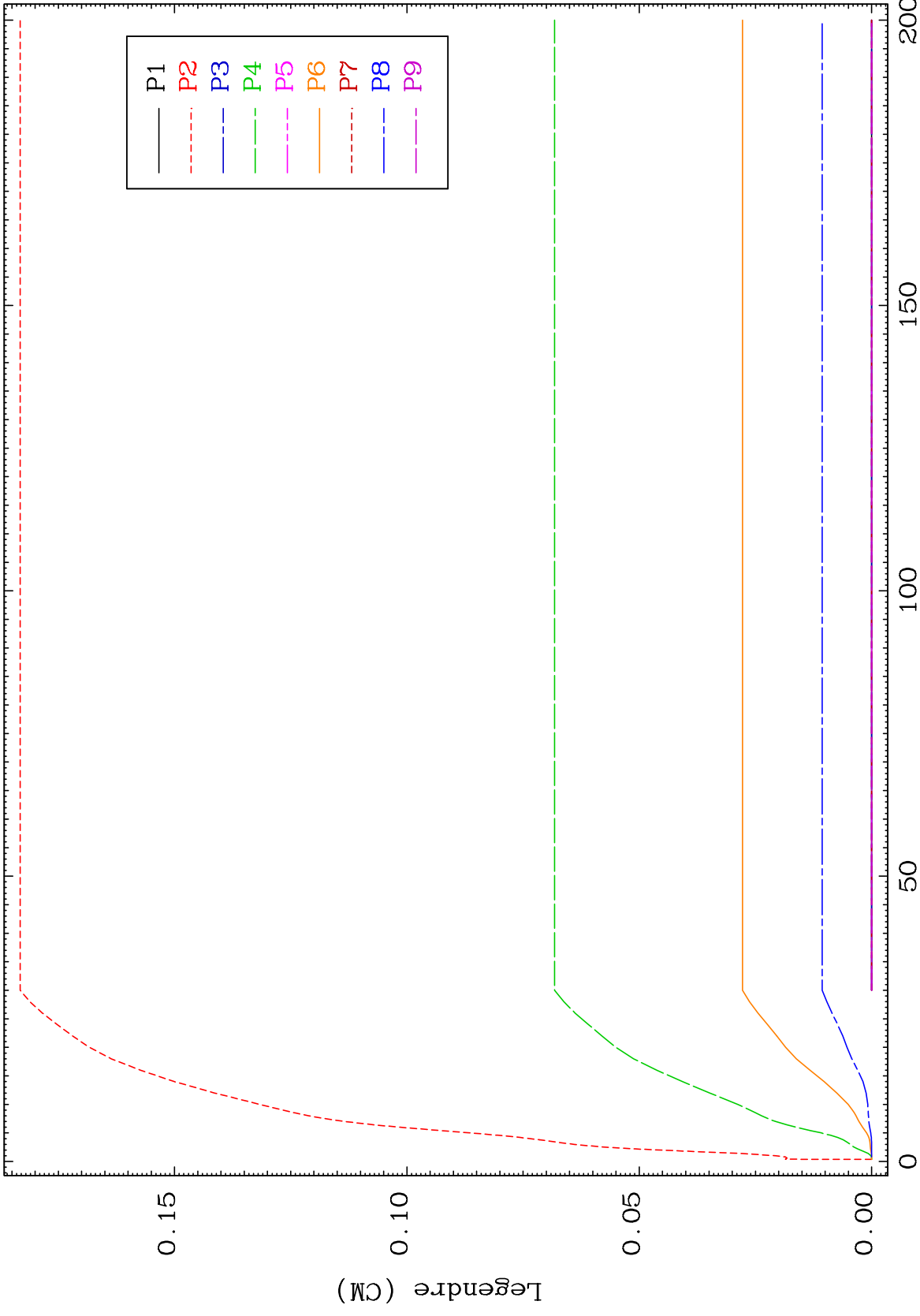
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



54

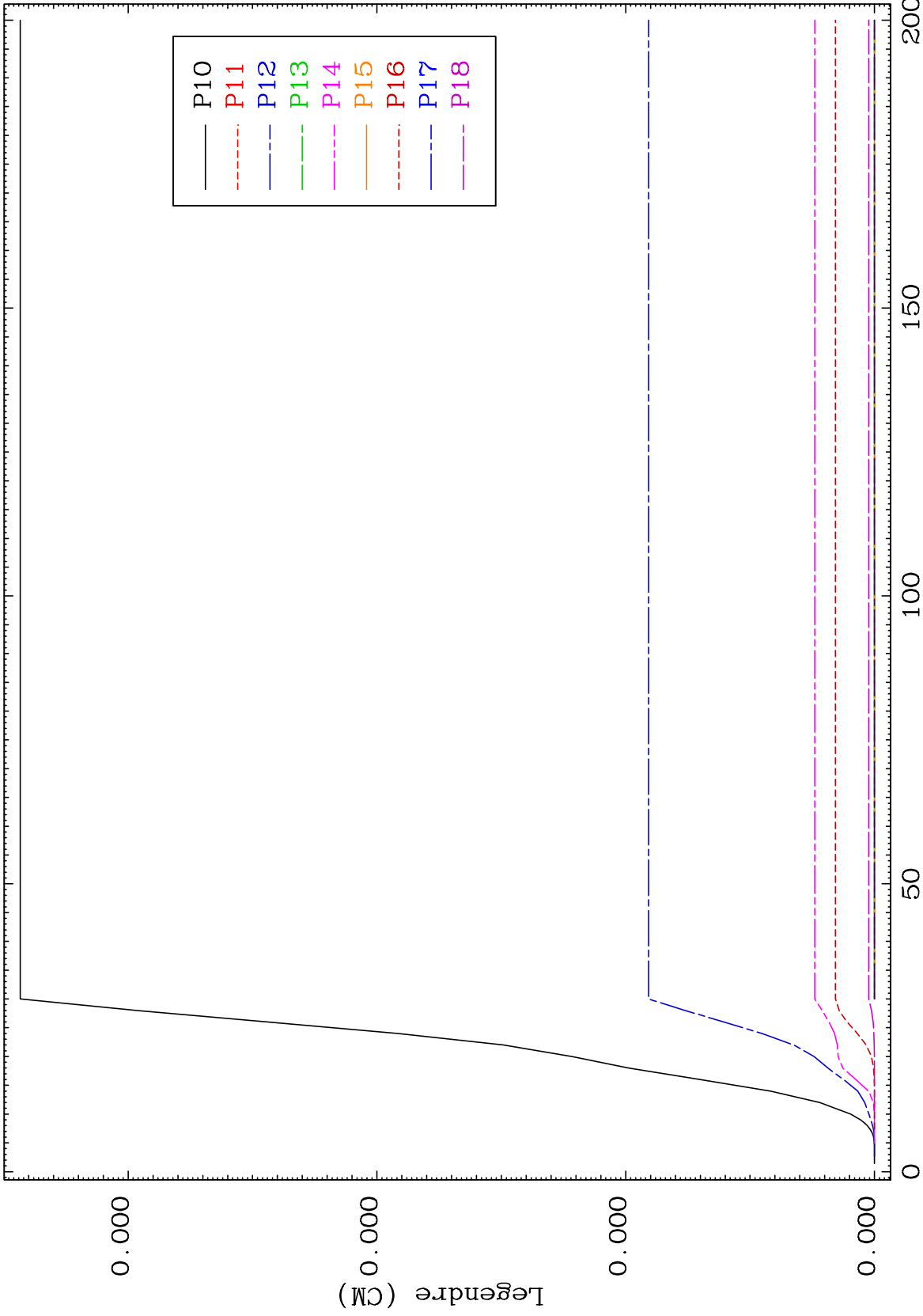
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



55

Incident Energy (MeV)

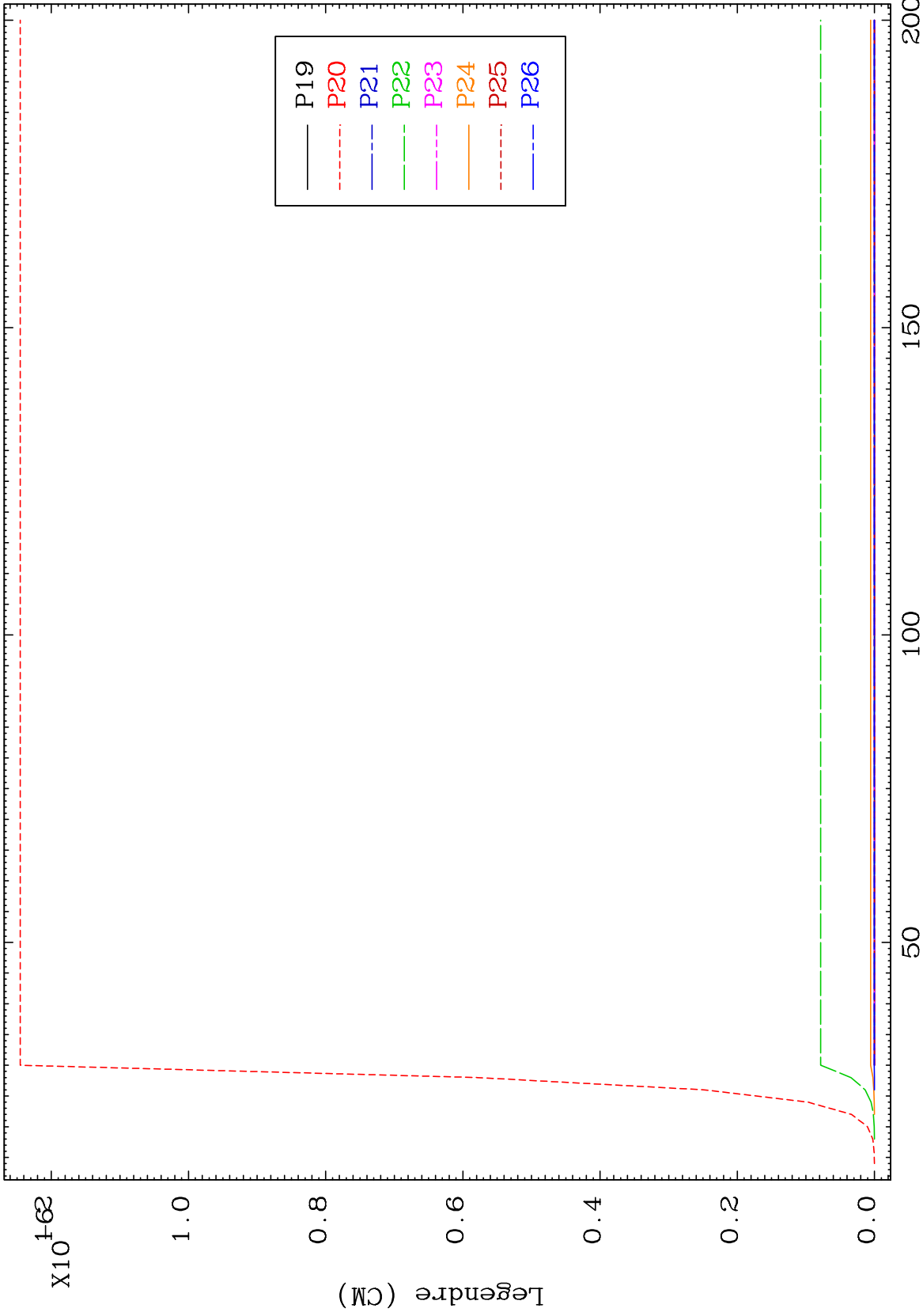
43-Tc-102



MAT 4334

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

43-Tc-102



56

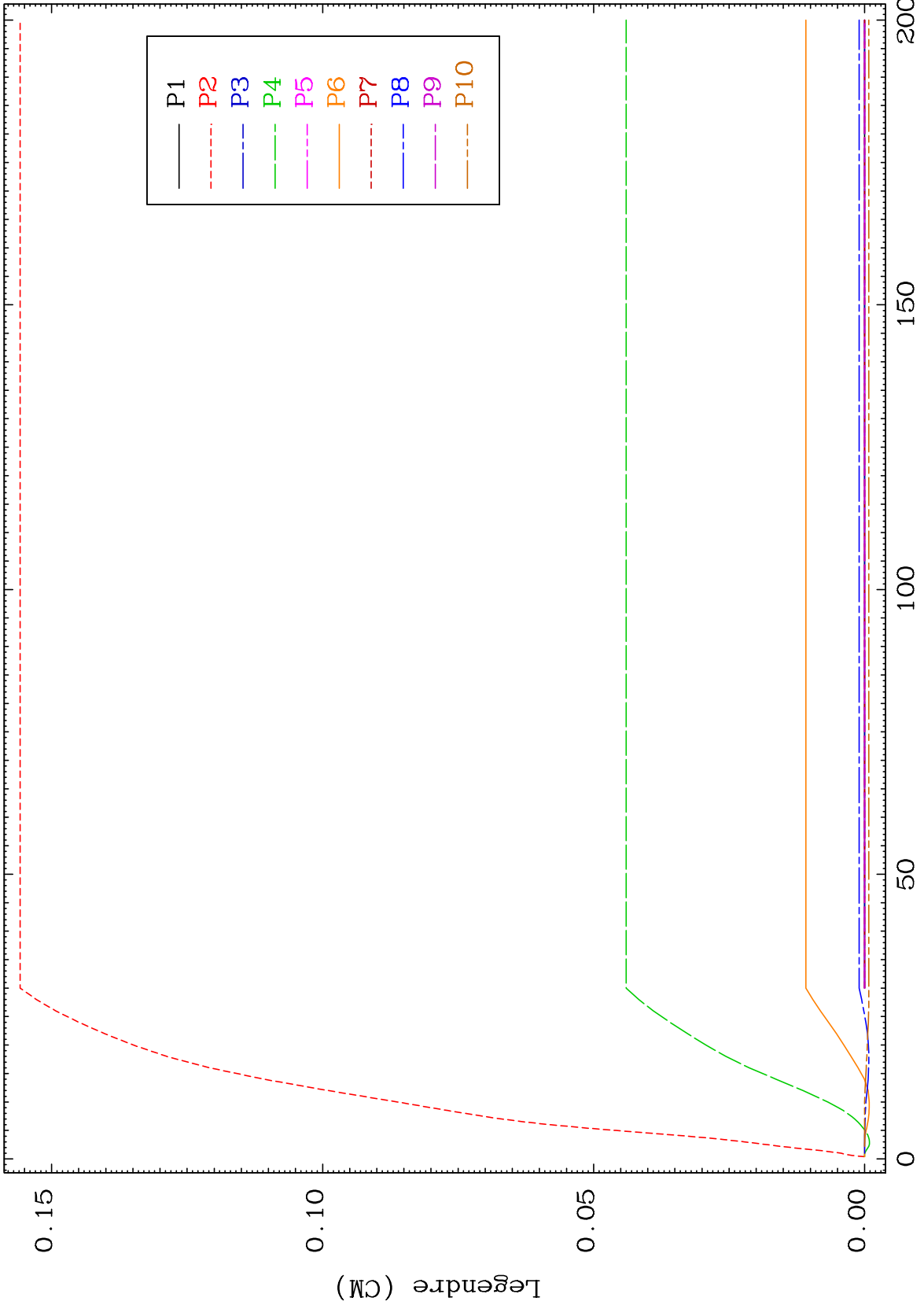
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



57

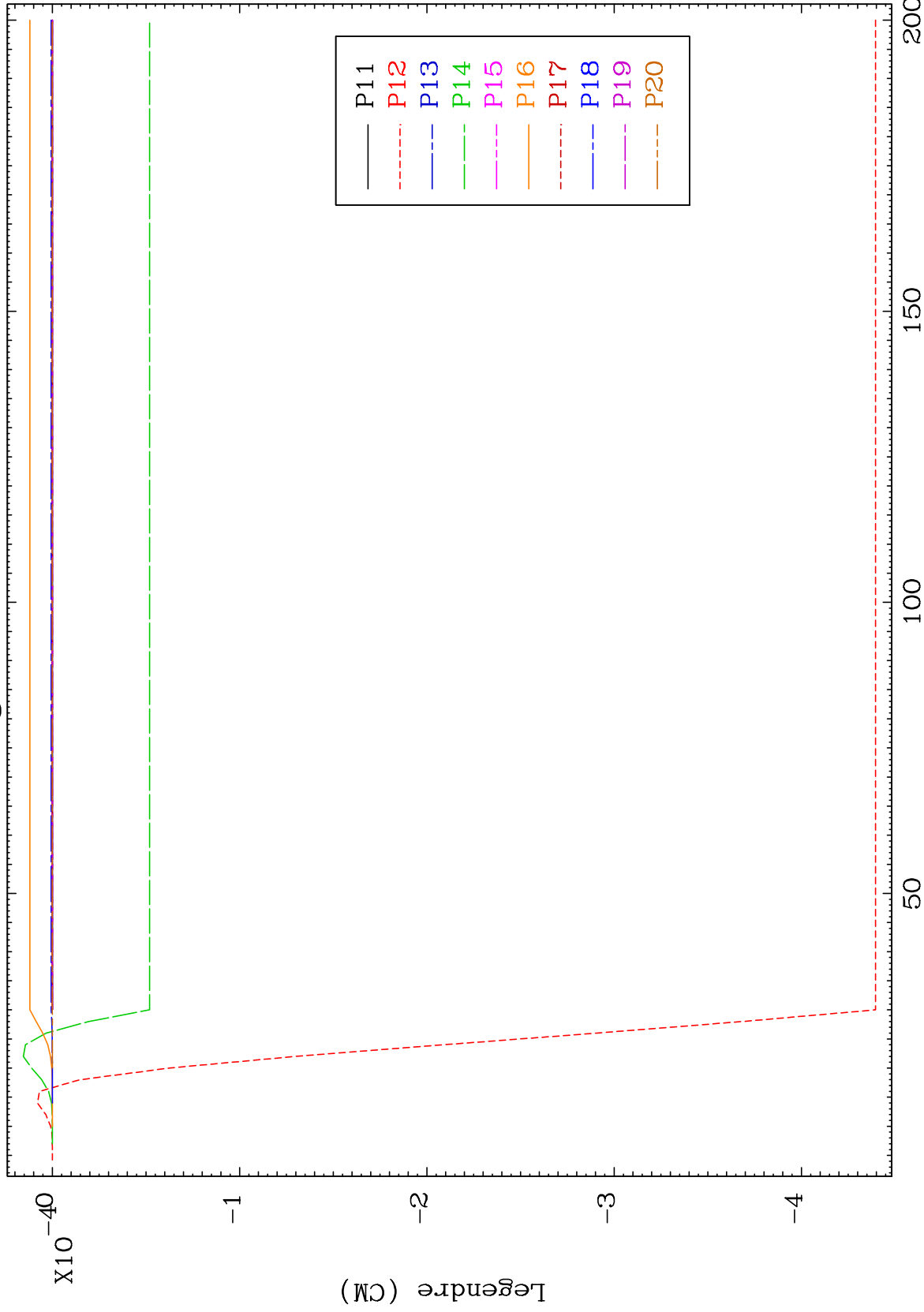
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



58

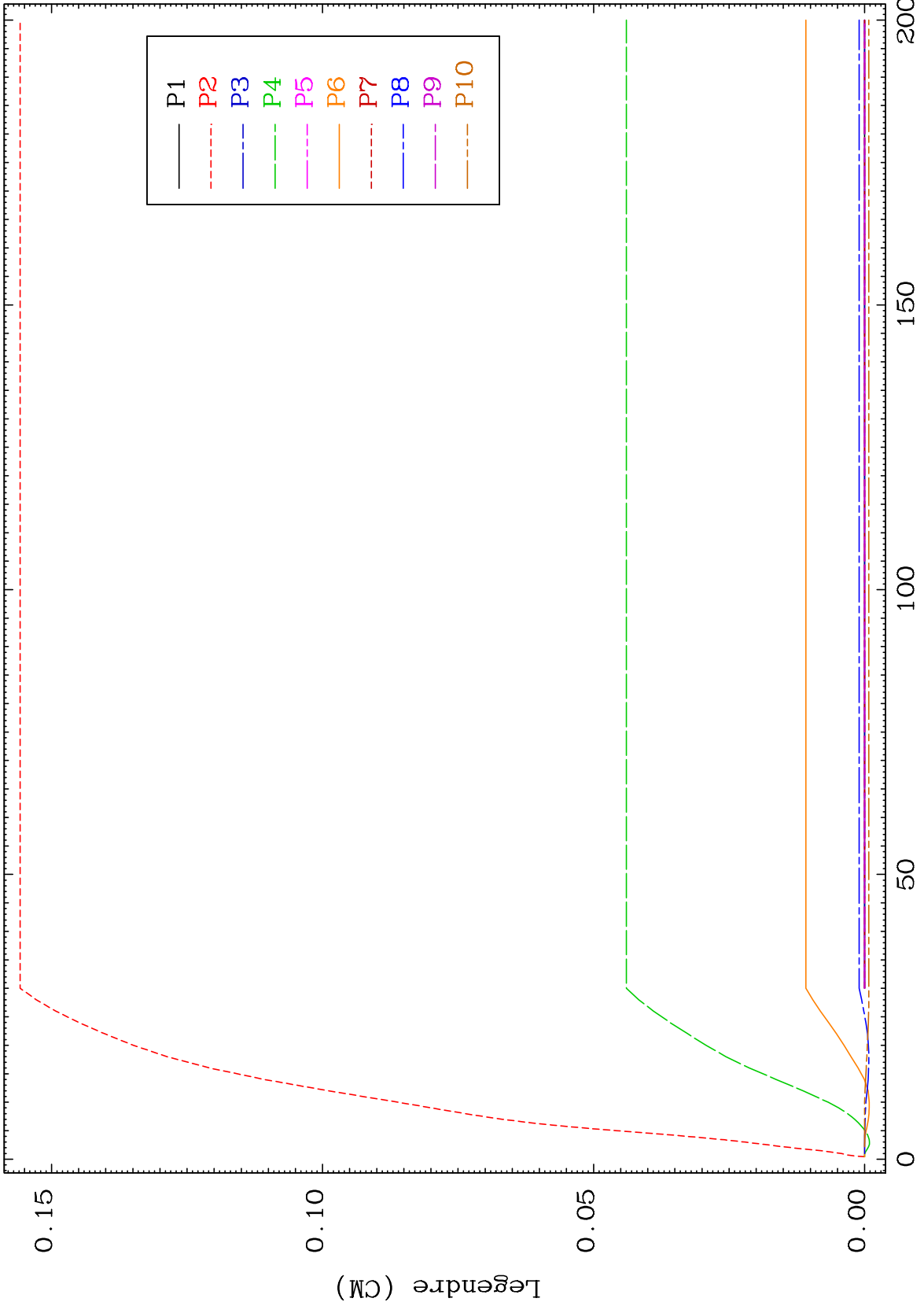
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



59

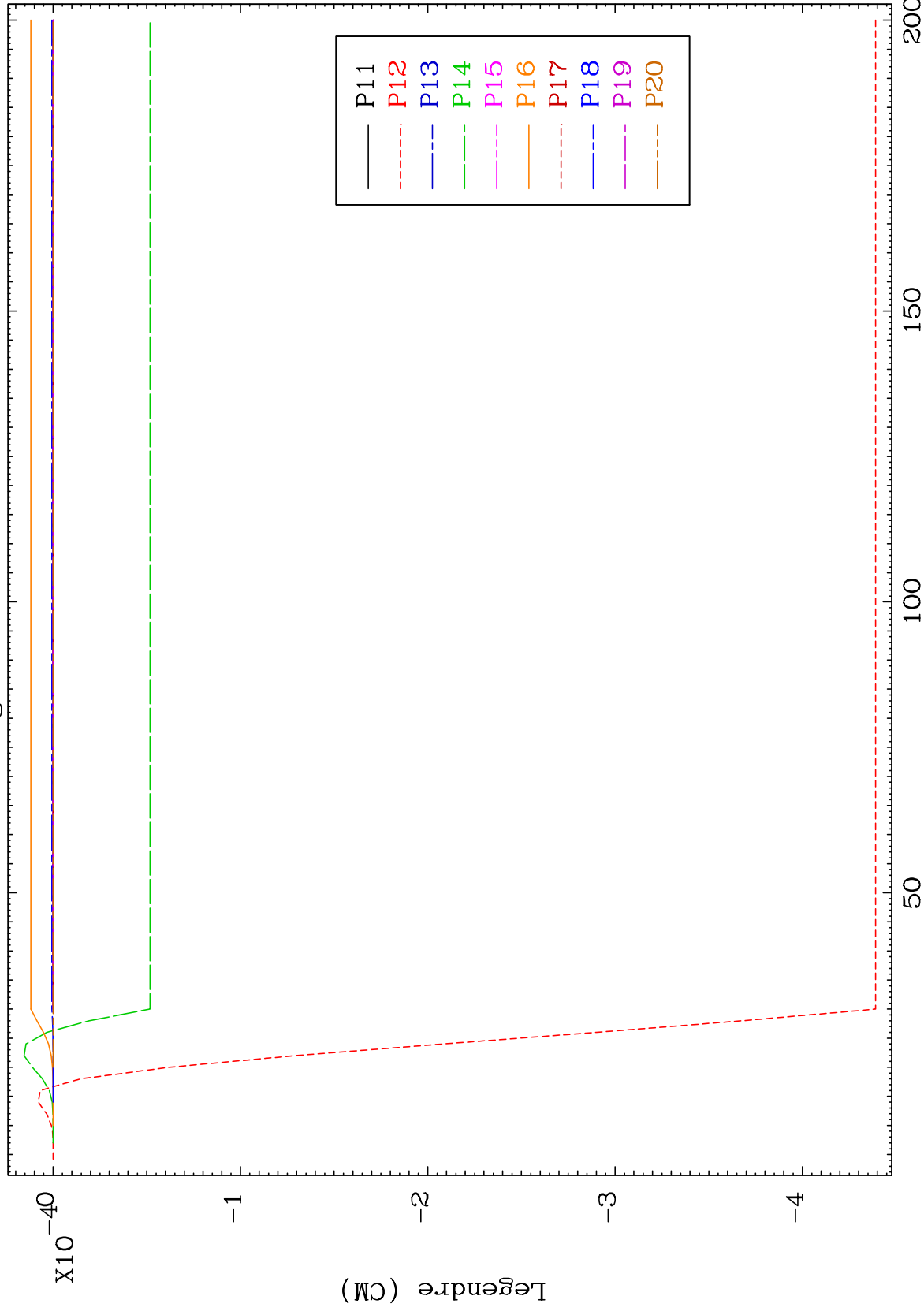
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



60

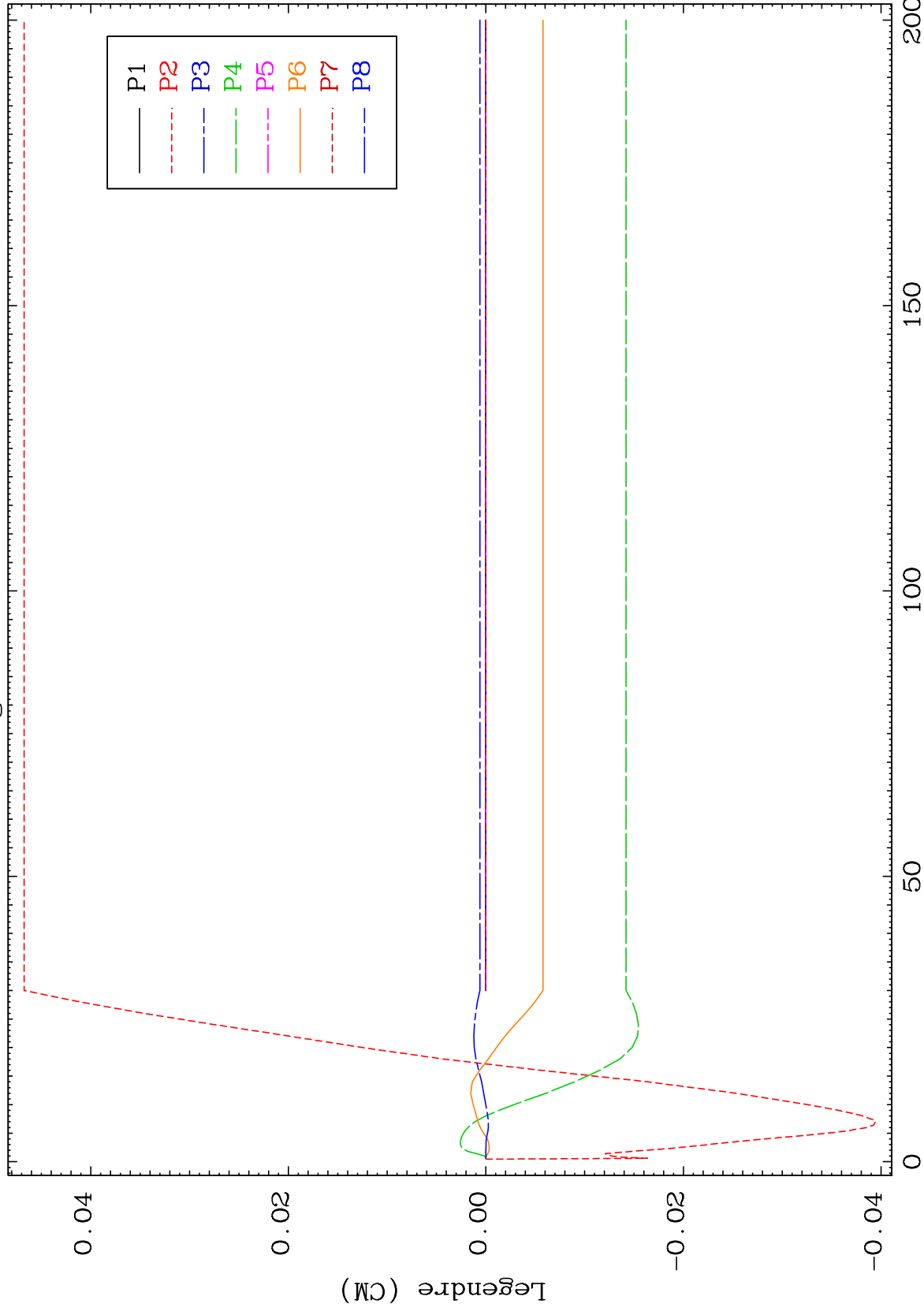
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



61

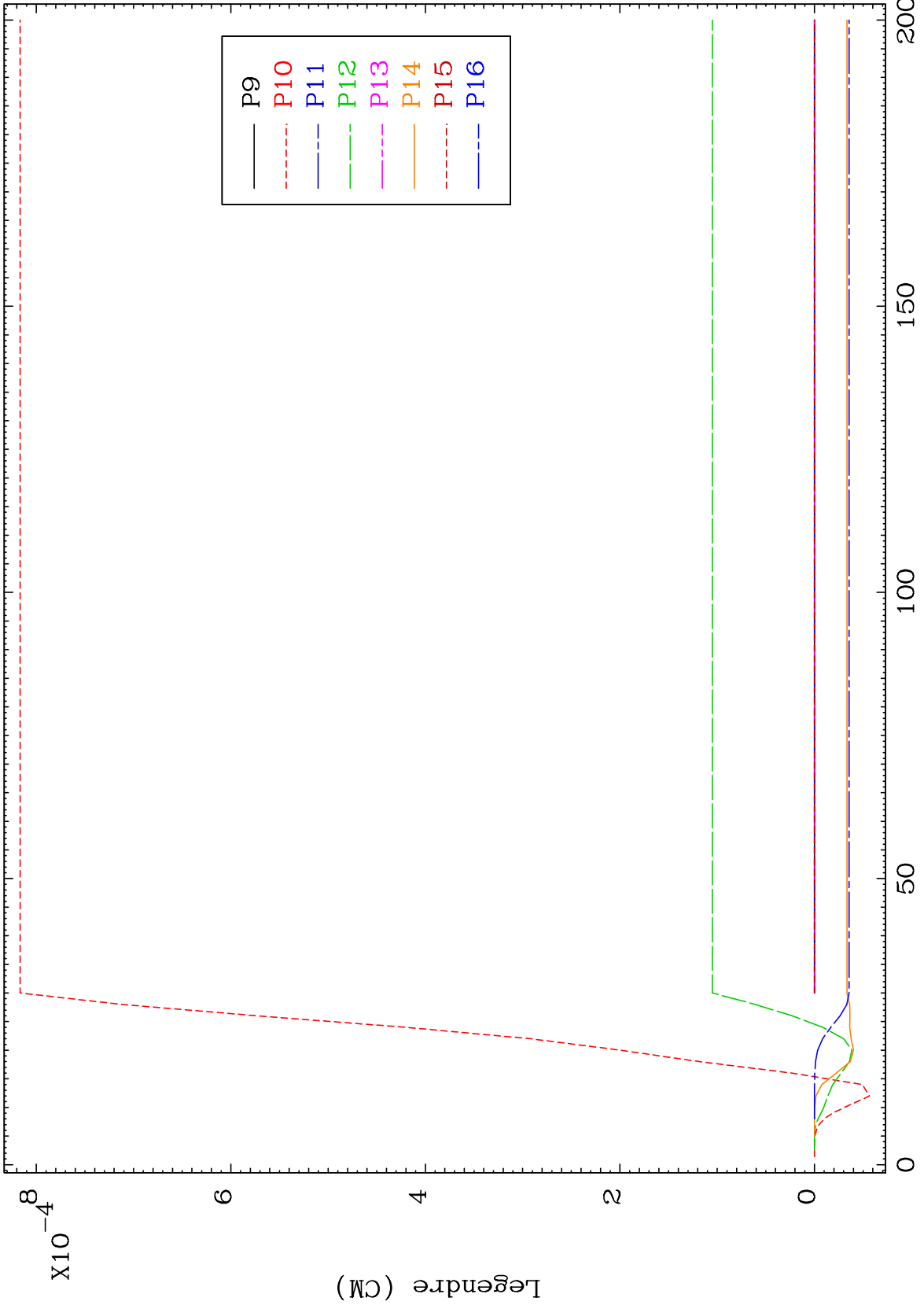
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



62

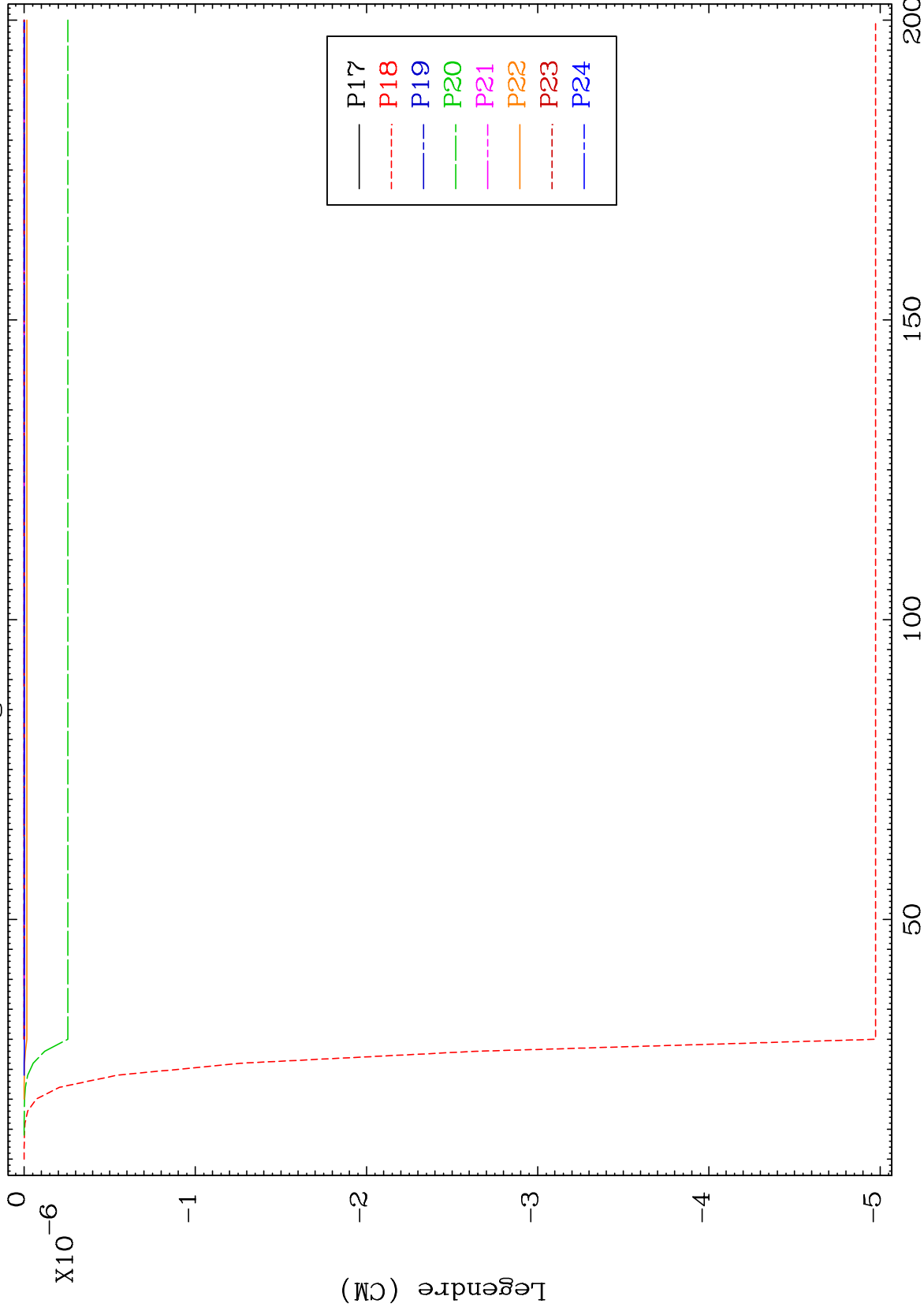
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



63

Incident Energy (MeV)

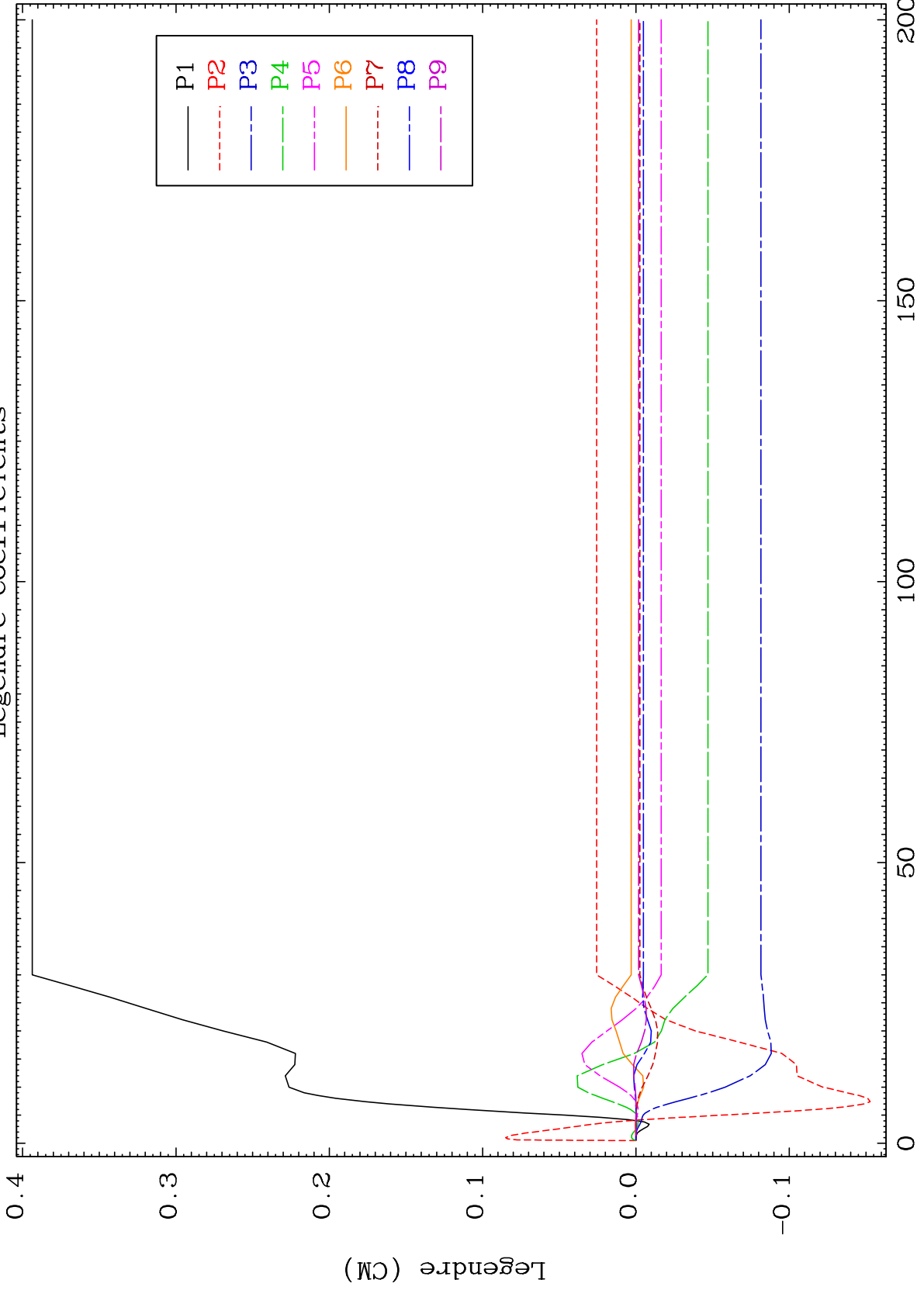
43-Tc-102



MAT 4334

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

43-Tc-102



64

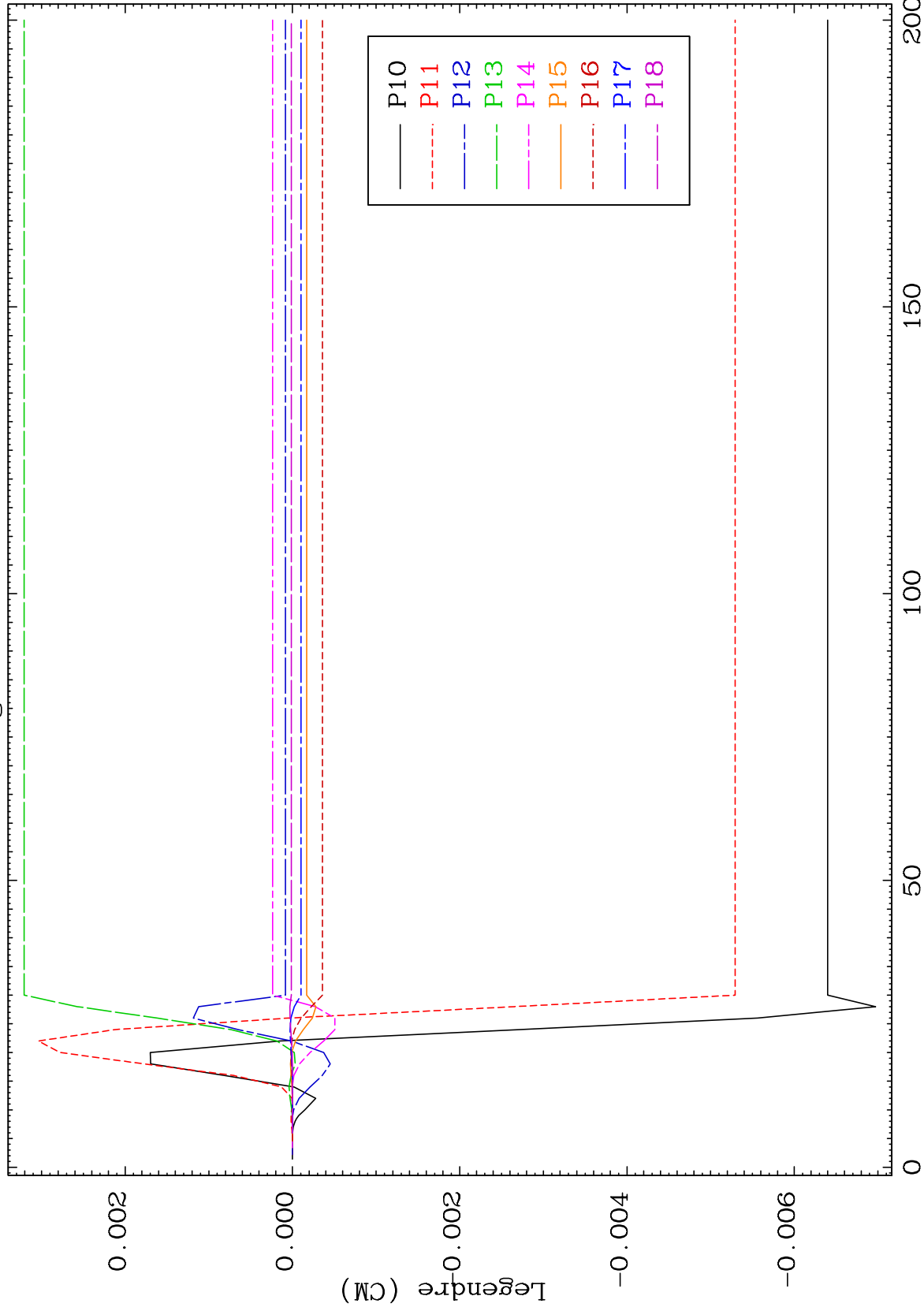
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



65

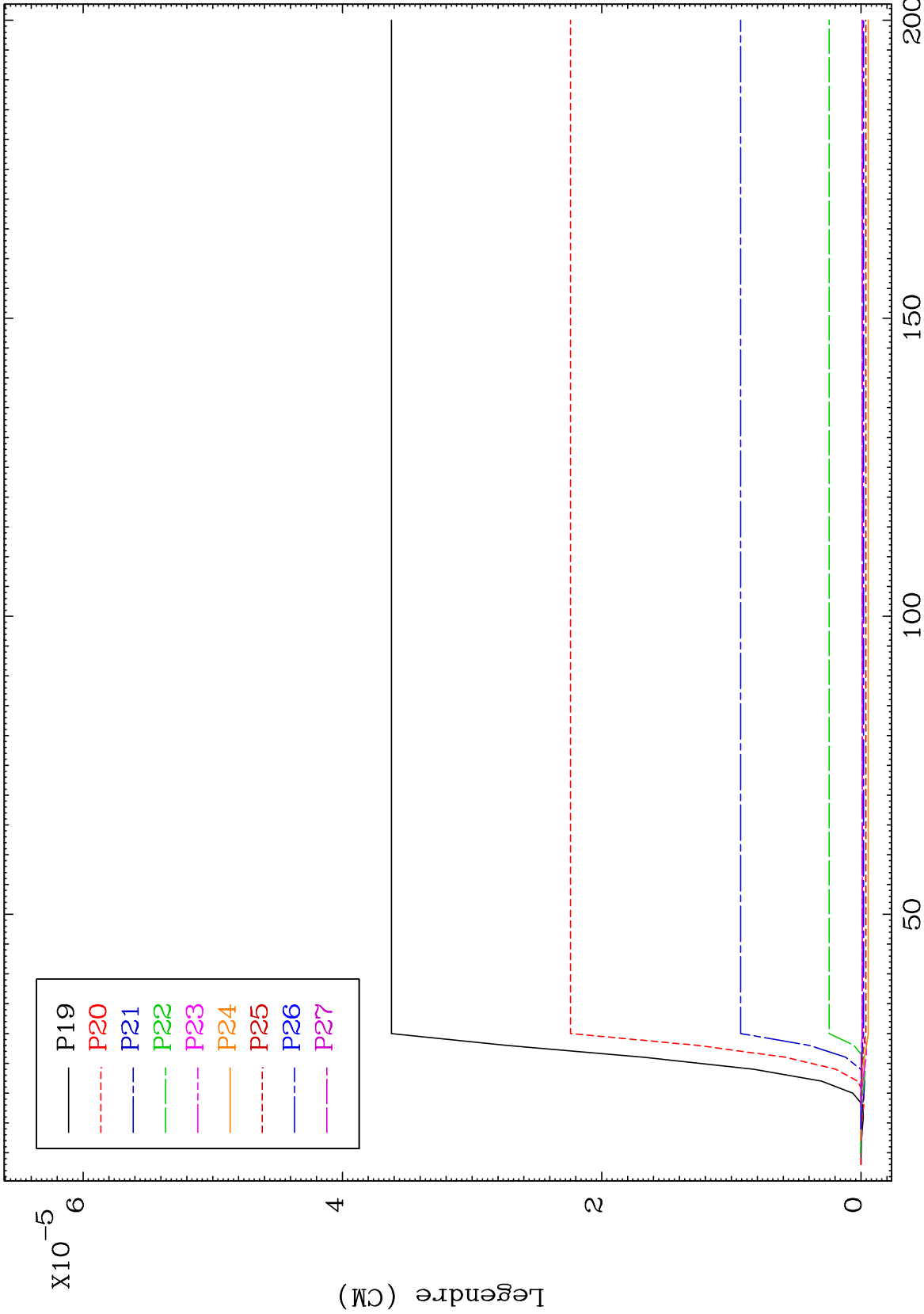
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



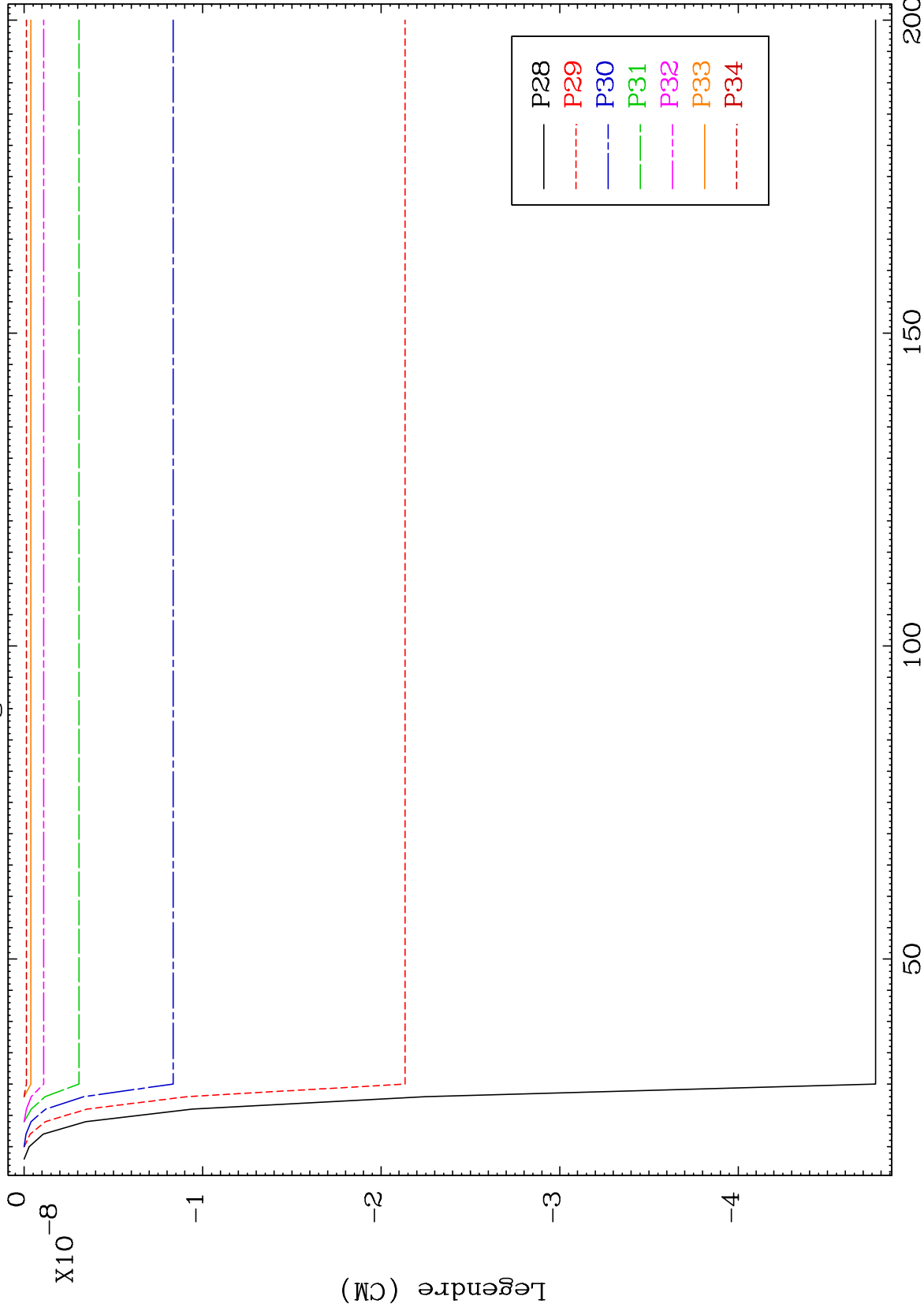
66

43-Tc-102

MAT 4334

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

43-Tc-102



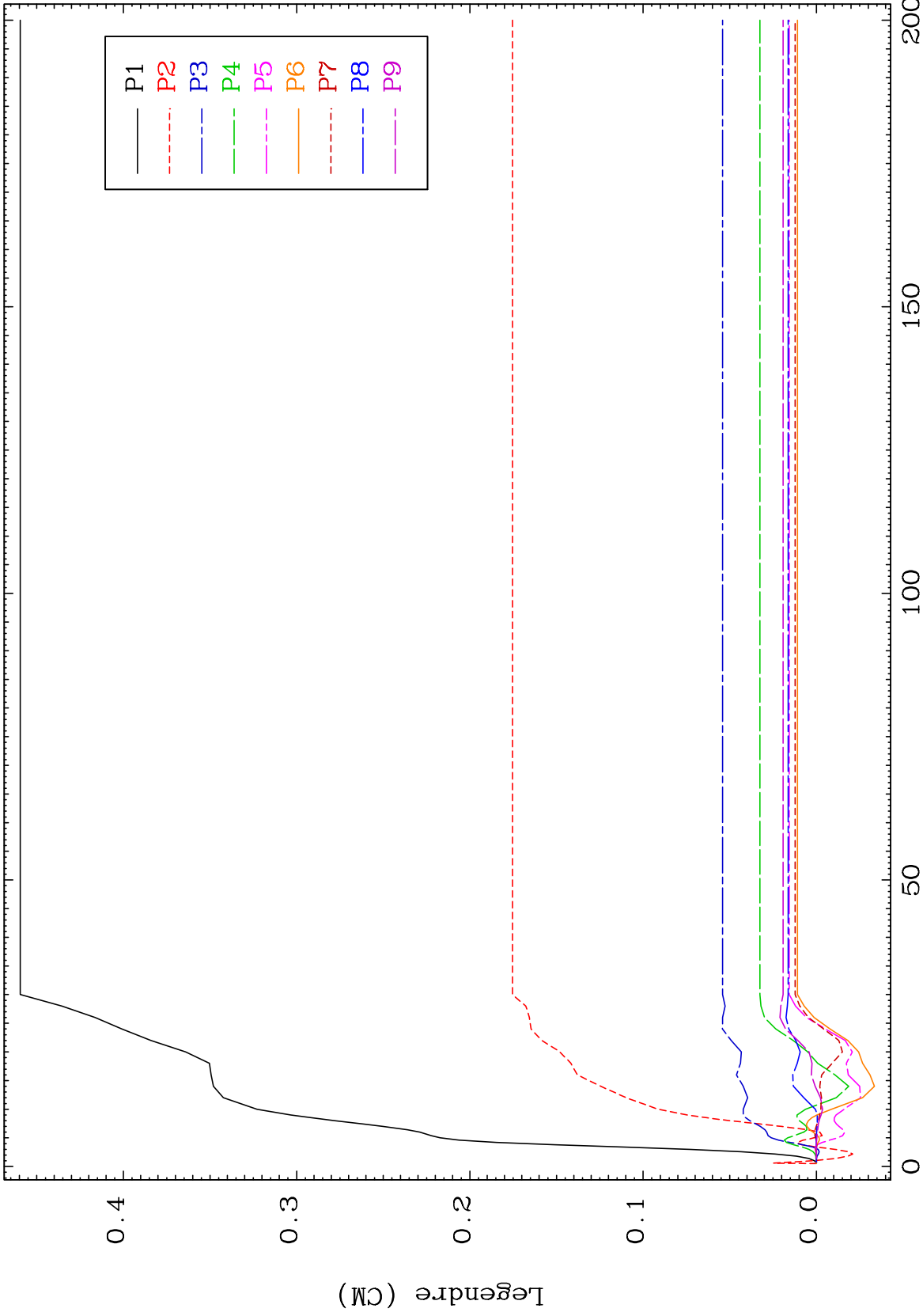
67

43-Tc-102

MAT 4334

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

43-Tc-102



68

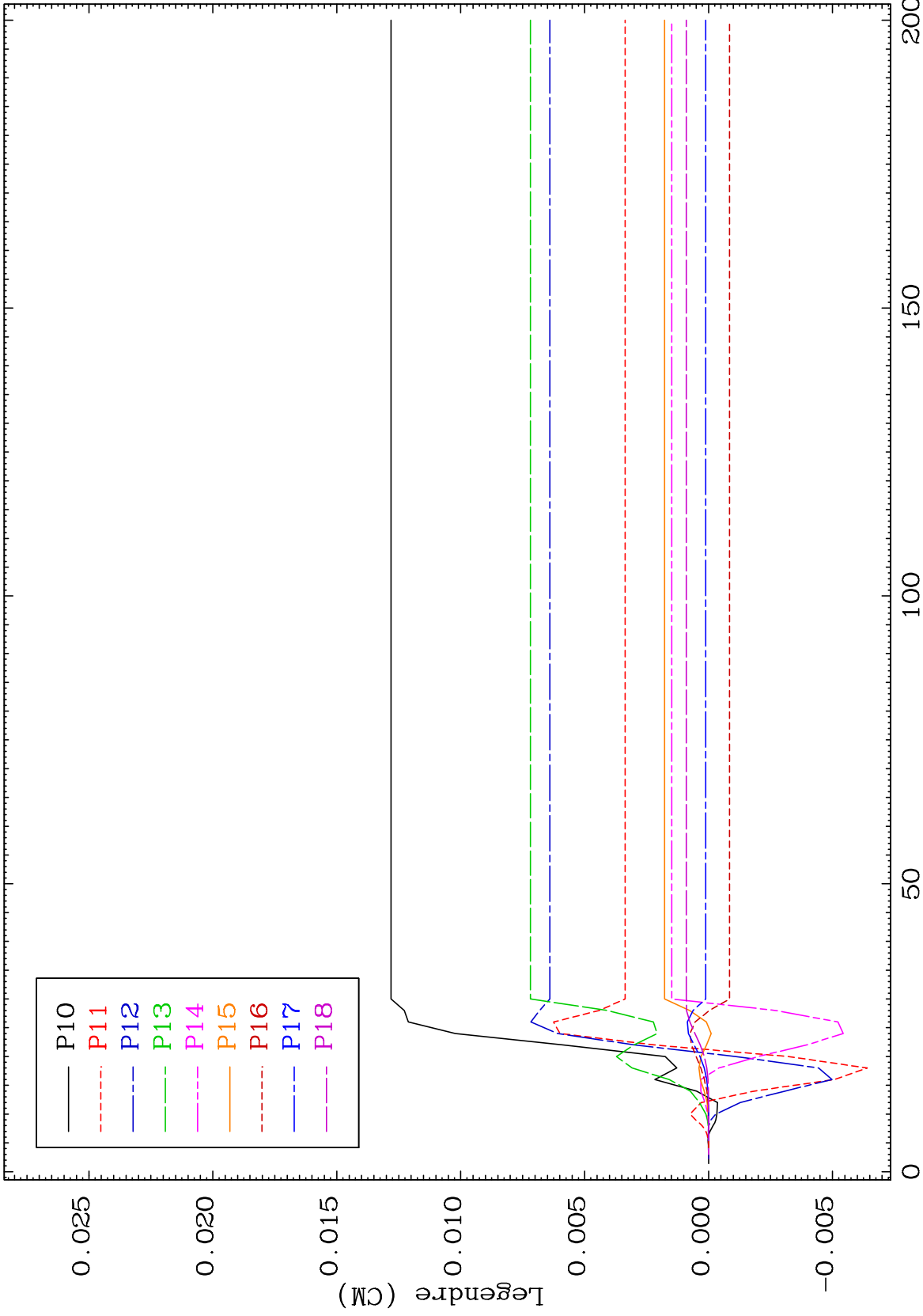
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



69

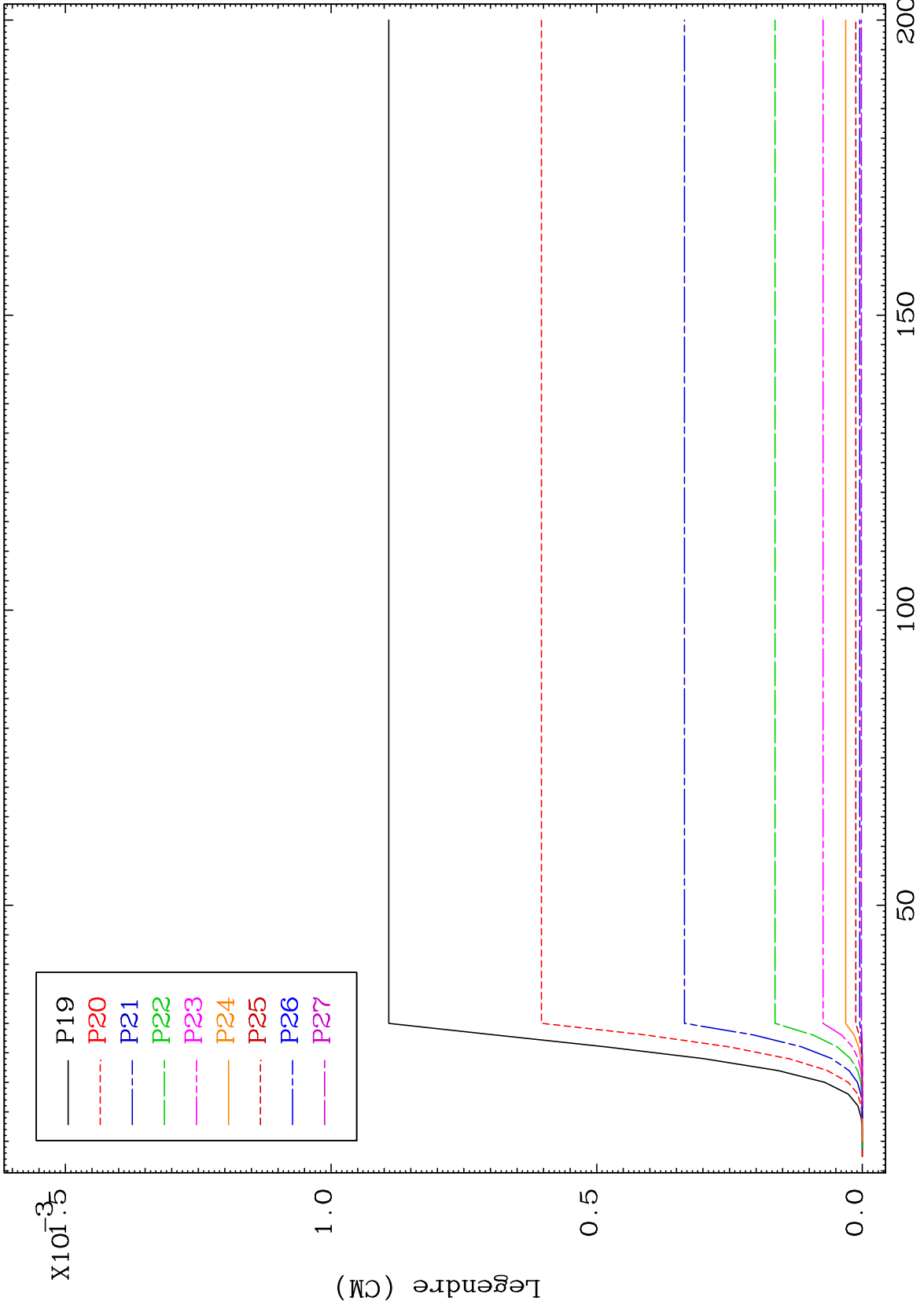
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



70

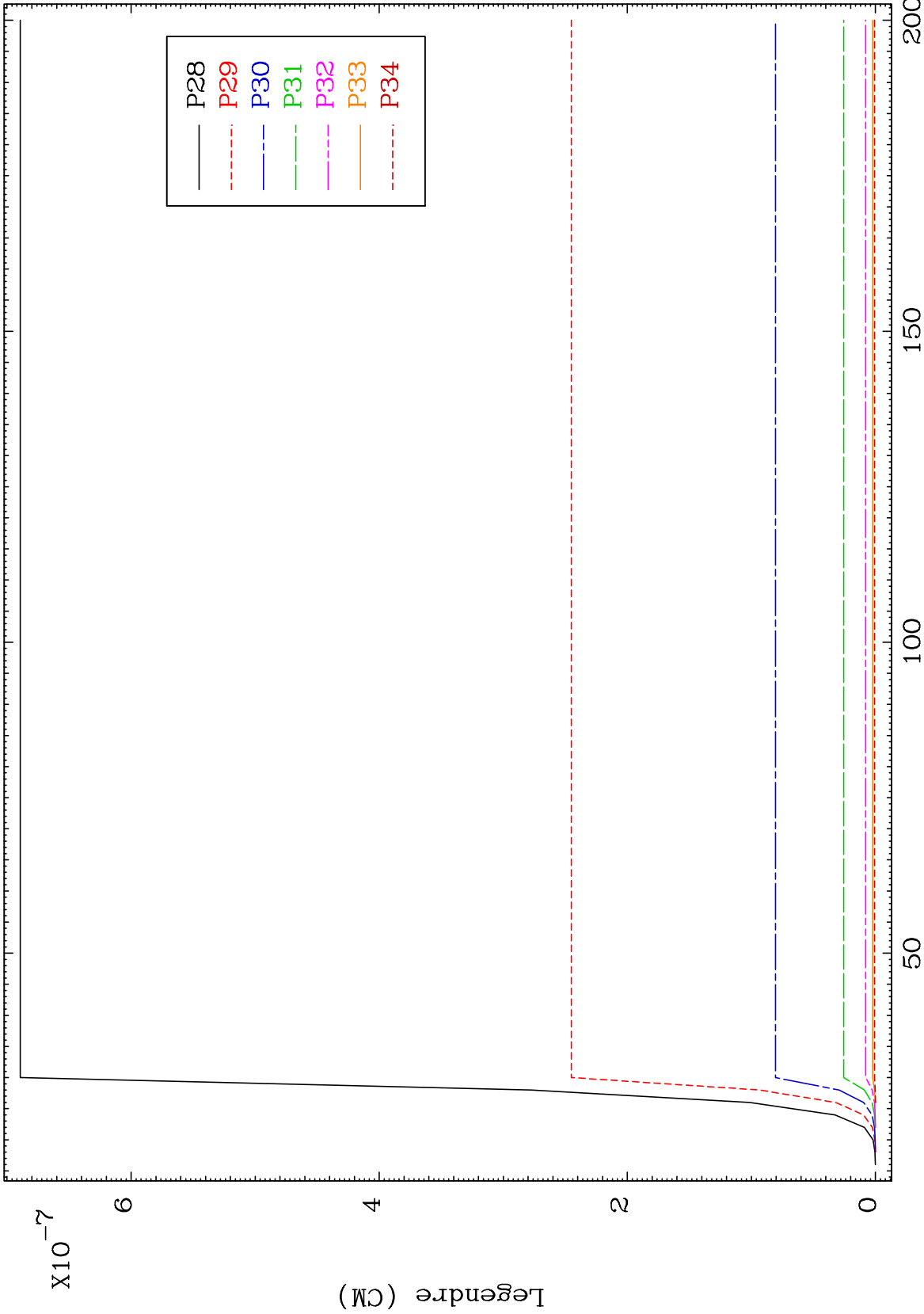
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



71

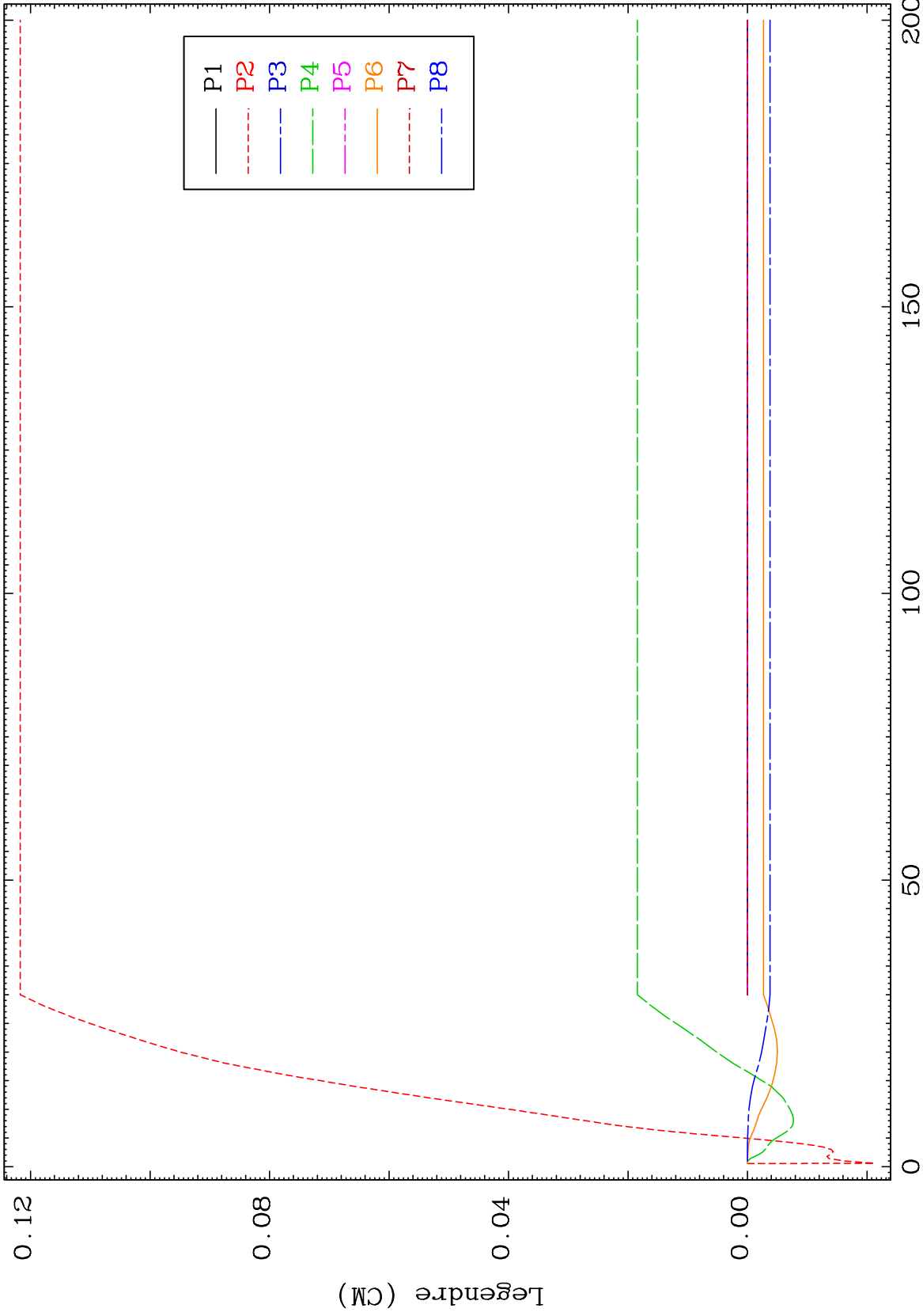
43-Tc-102



MAT 4334

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

43-Tc-102



72

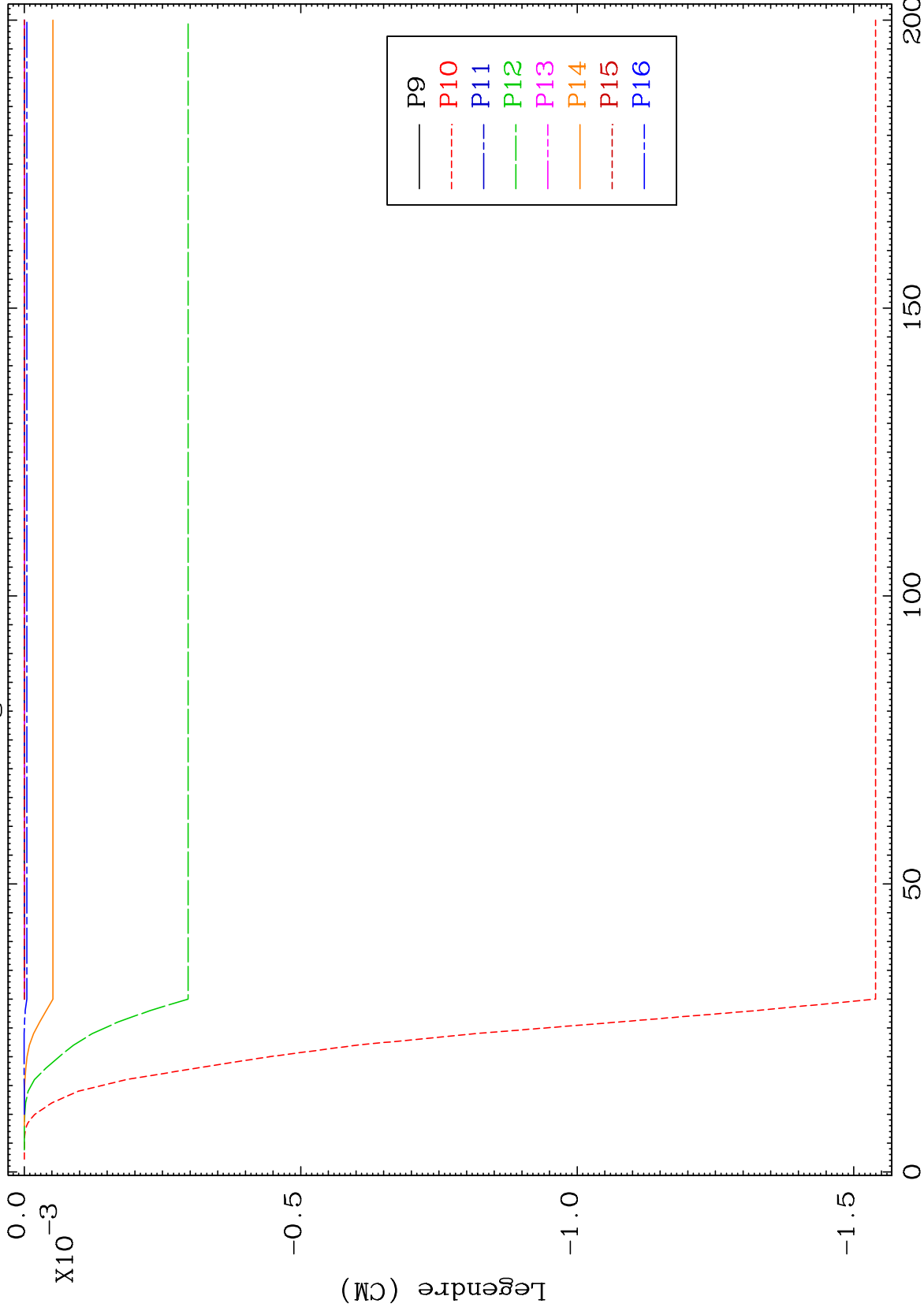
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



73

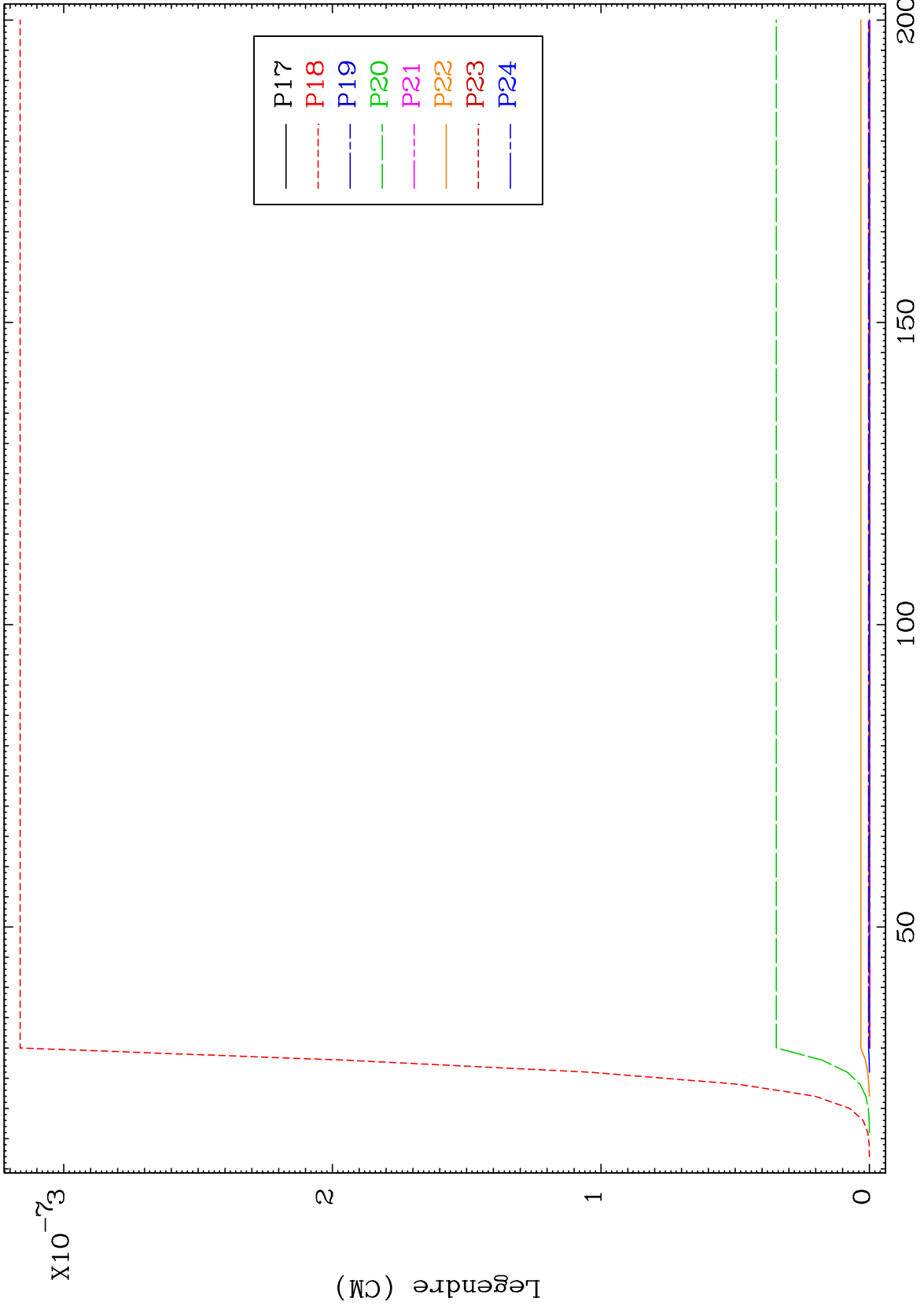
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



74

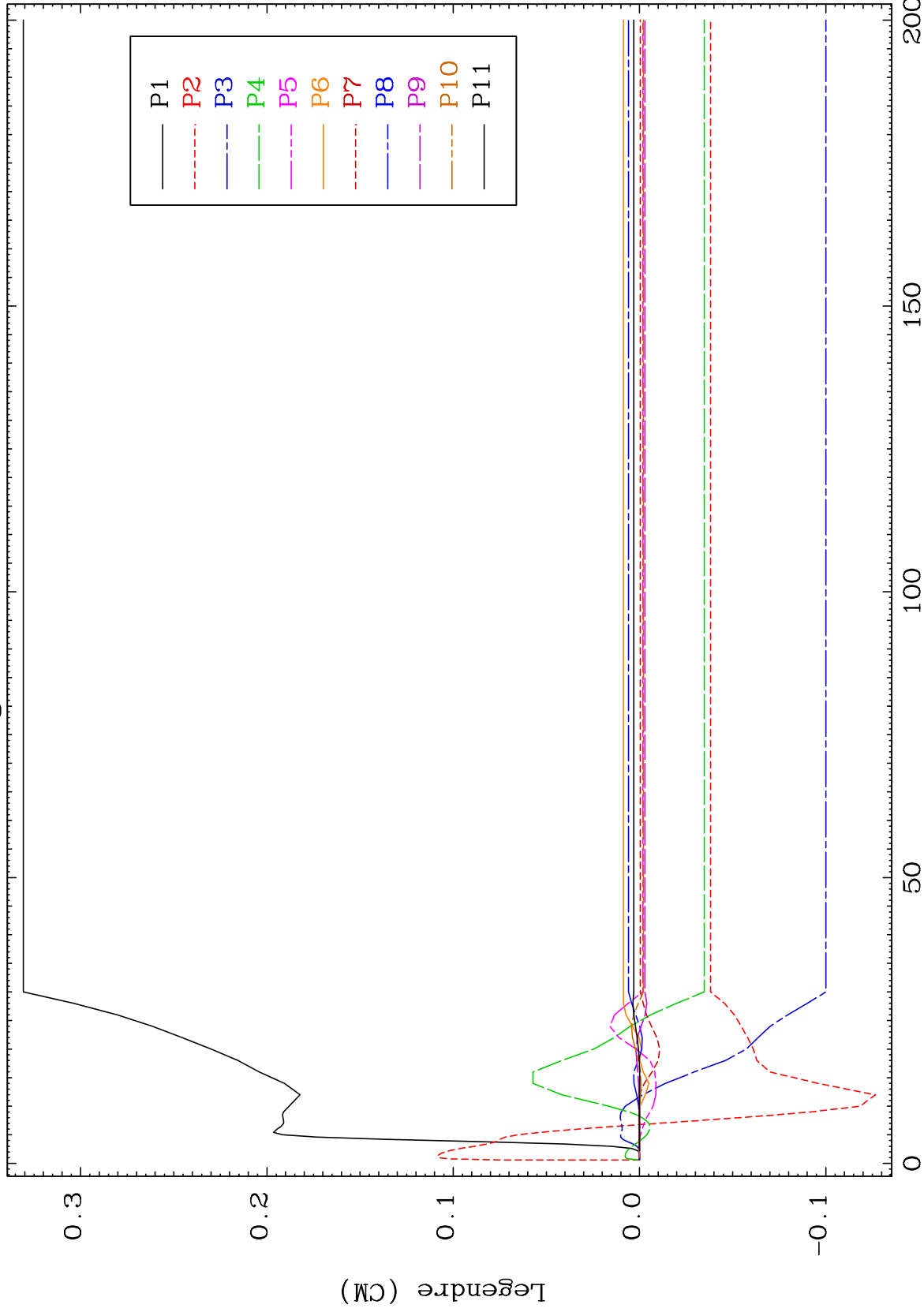
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



75

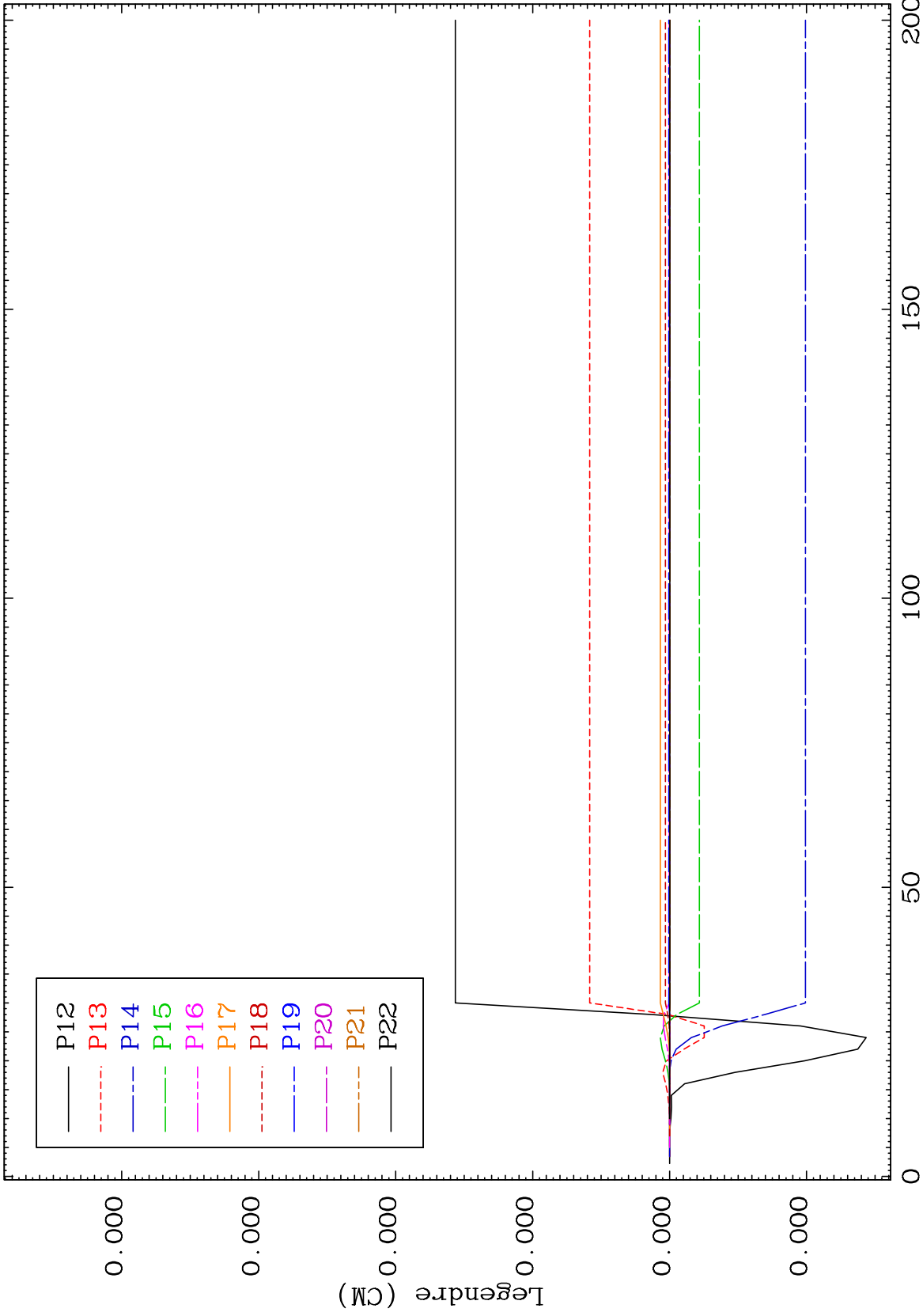
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



76

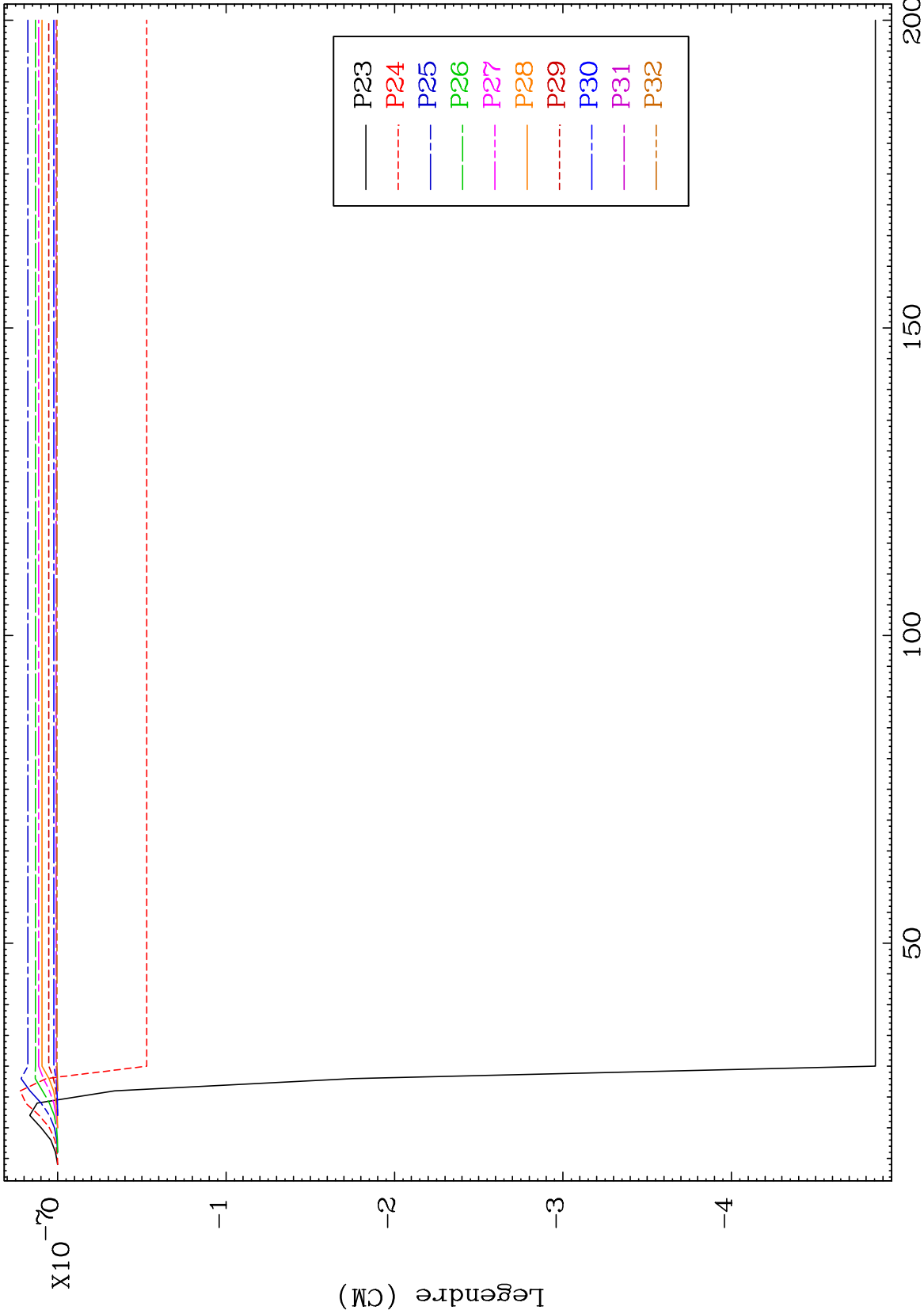
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

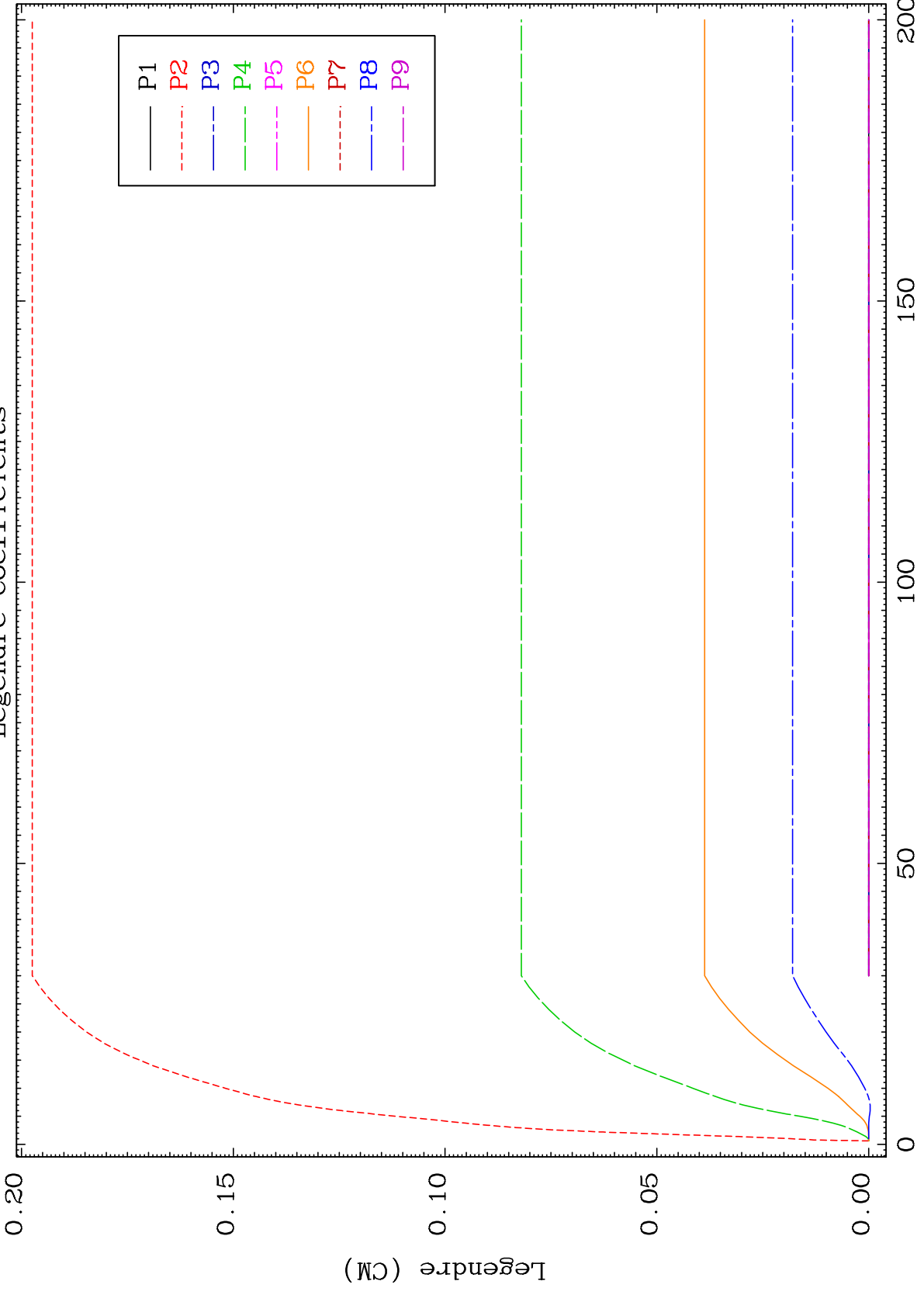
43-Tc-102



77

43-Tc-102

MAT 4334 MT= 70 (n,n') Level Legendre Coefficients 43-Tc-102

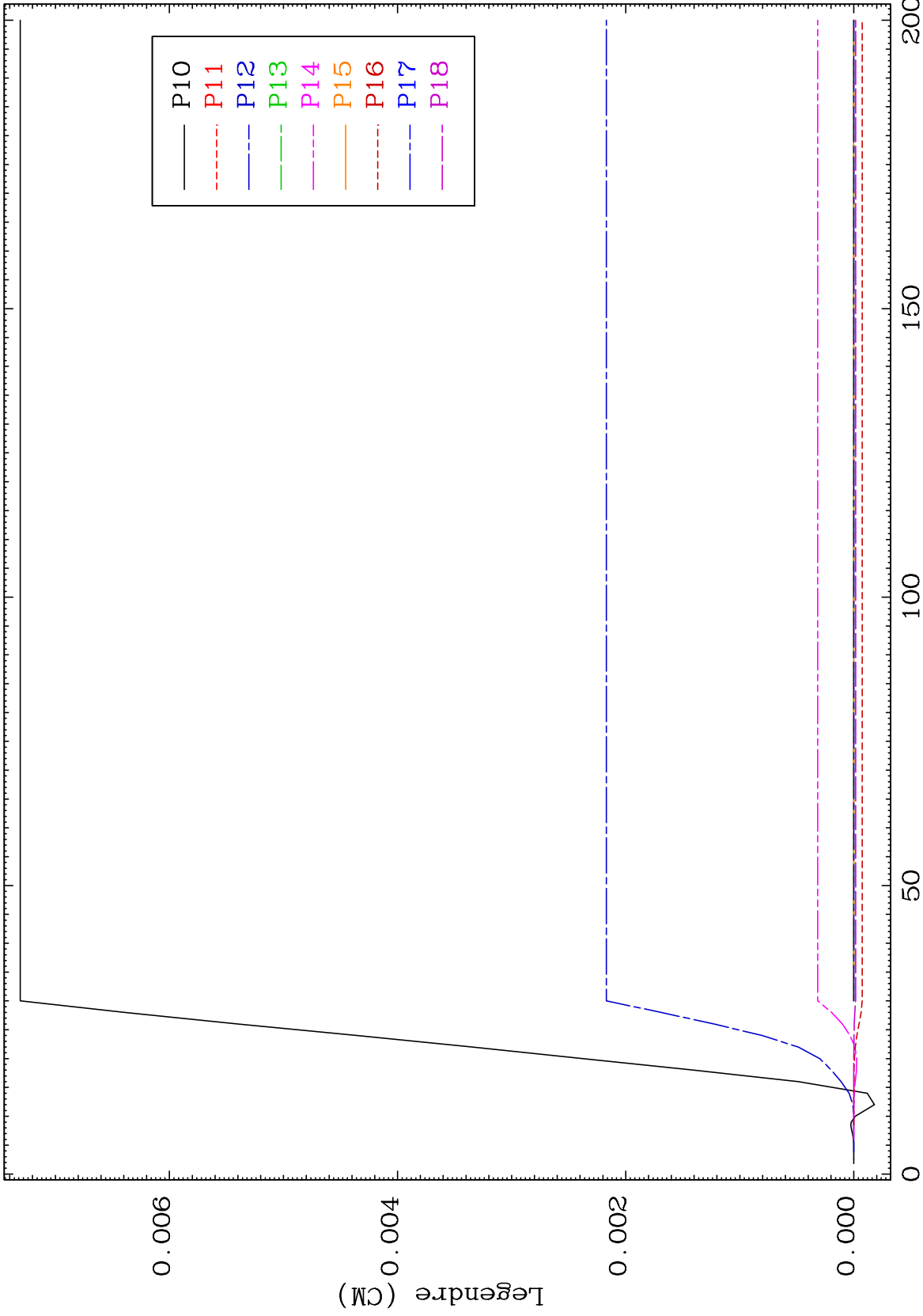


78 Incident Energy (MeV) 43-Tc-102

MAT 4334

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

43-Tc-102



79

Incident Energy (MeV)

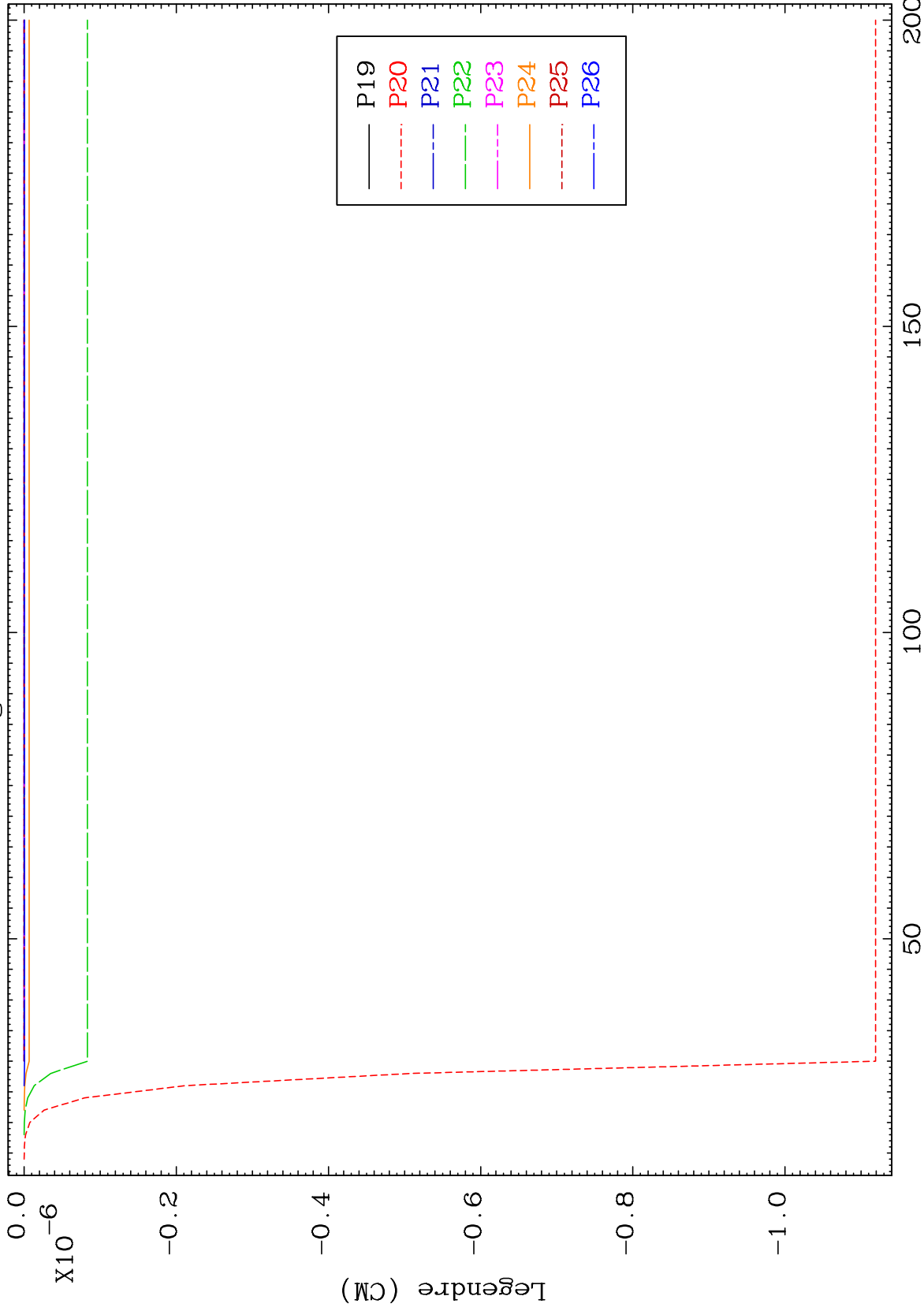
43-Tc-102



MAT 4334

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

43-Tc-102



80

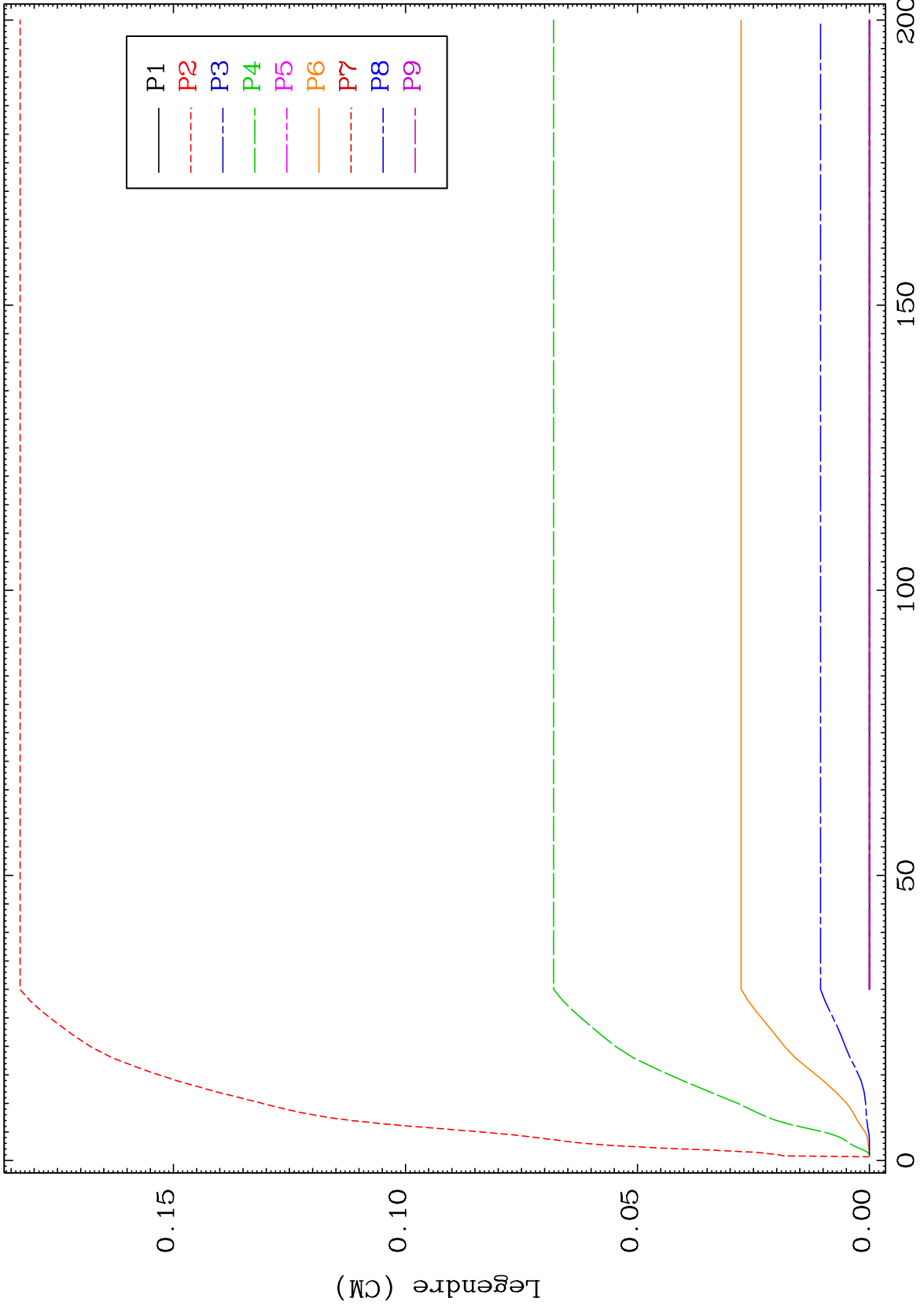
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



81

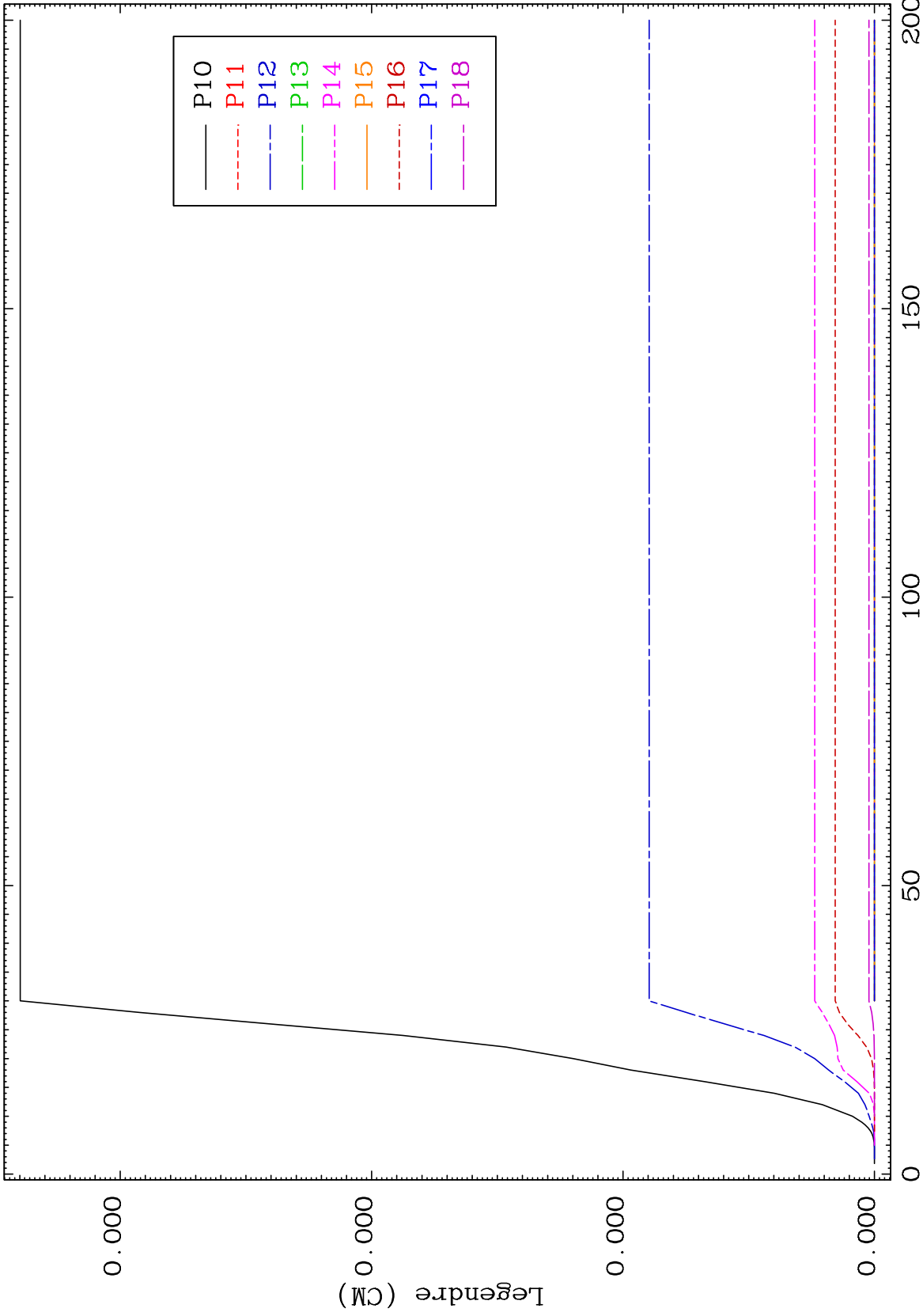
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

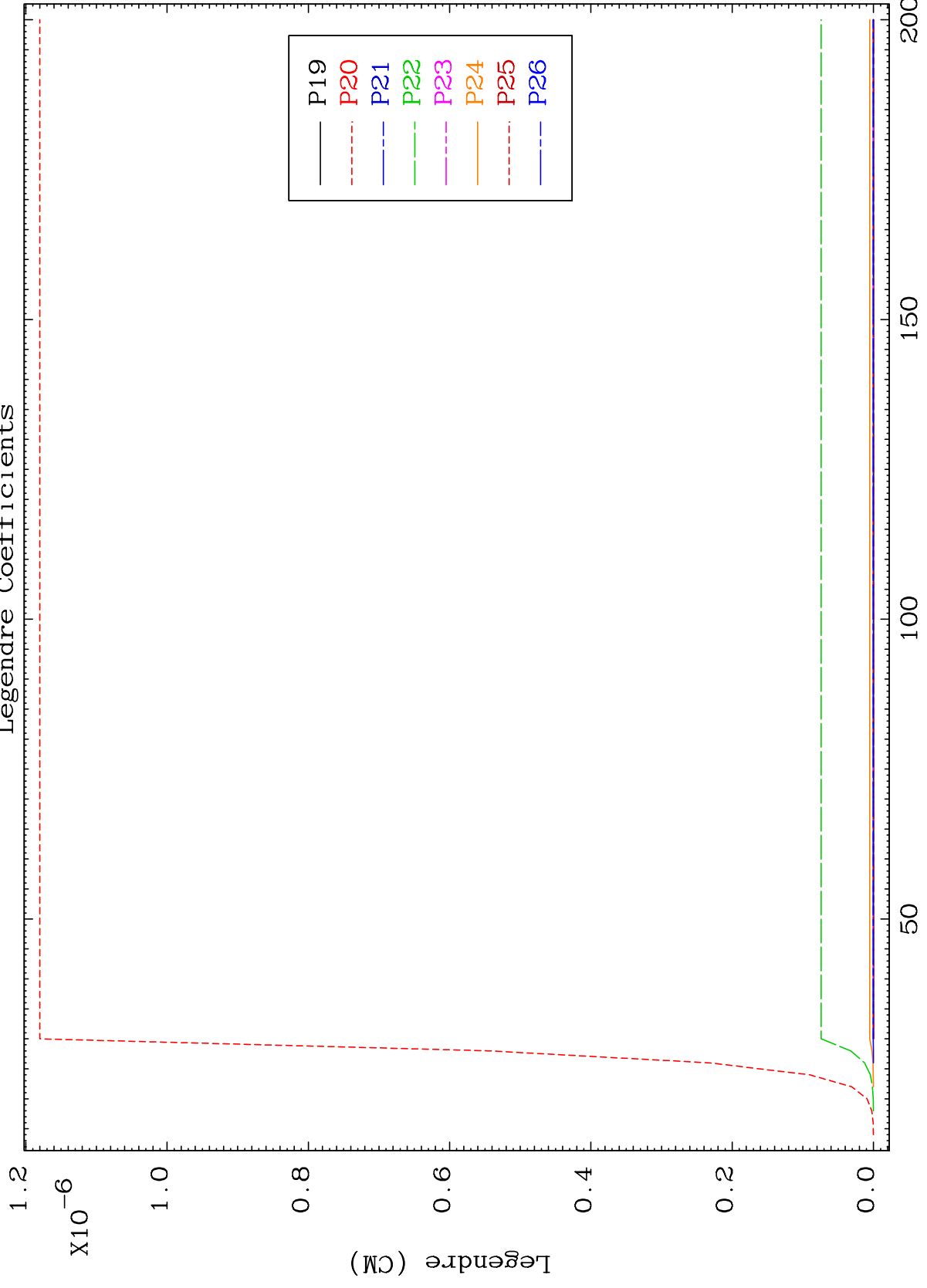
43-Tc-102



82

43-Tc-102

MAT 4334 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-102

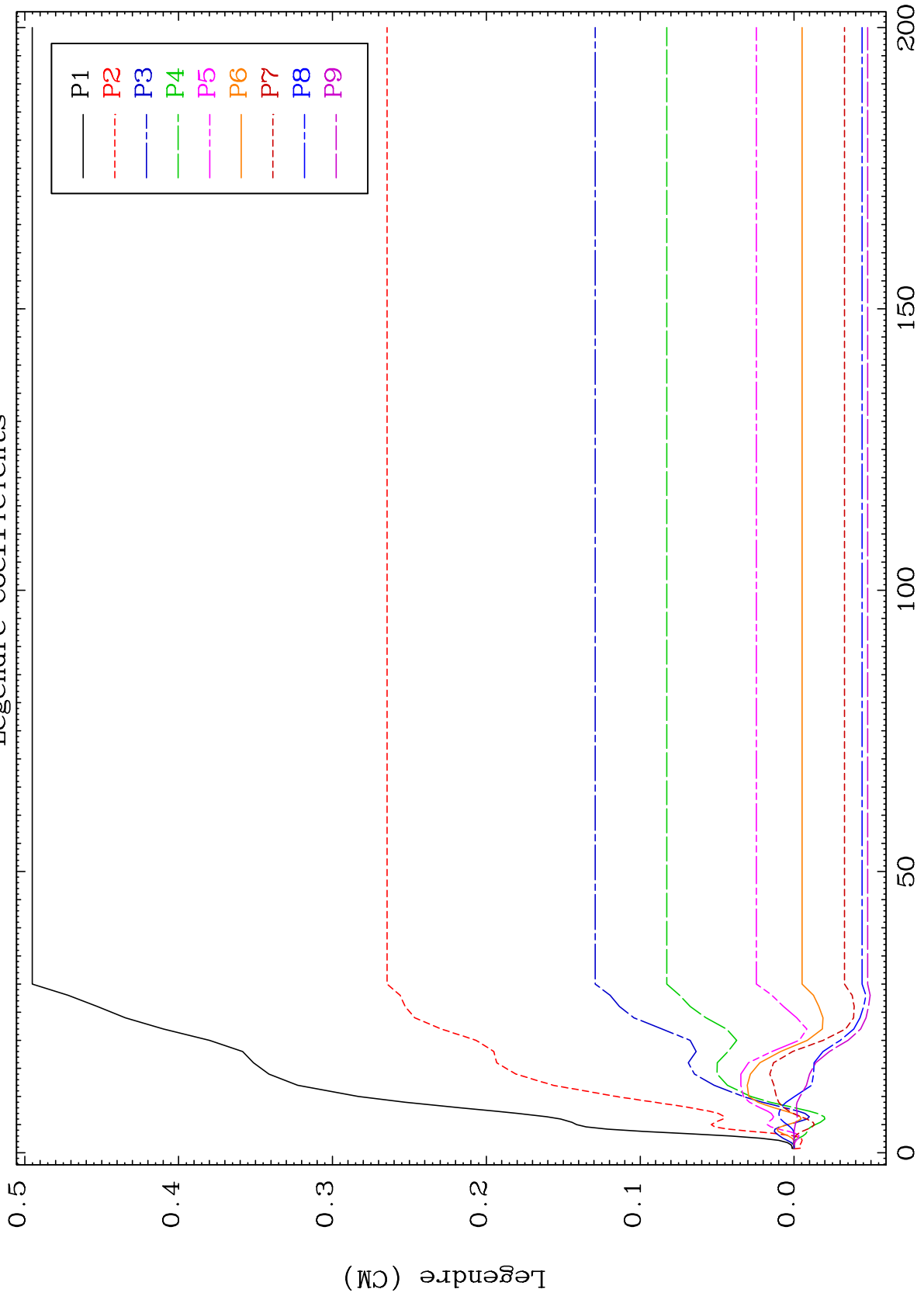


83 43-Tc-102

MAT 4334

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

43-Tc-102



84

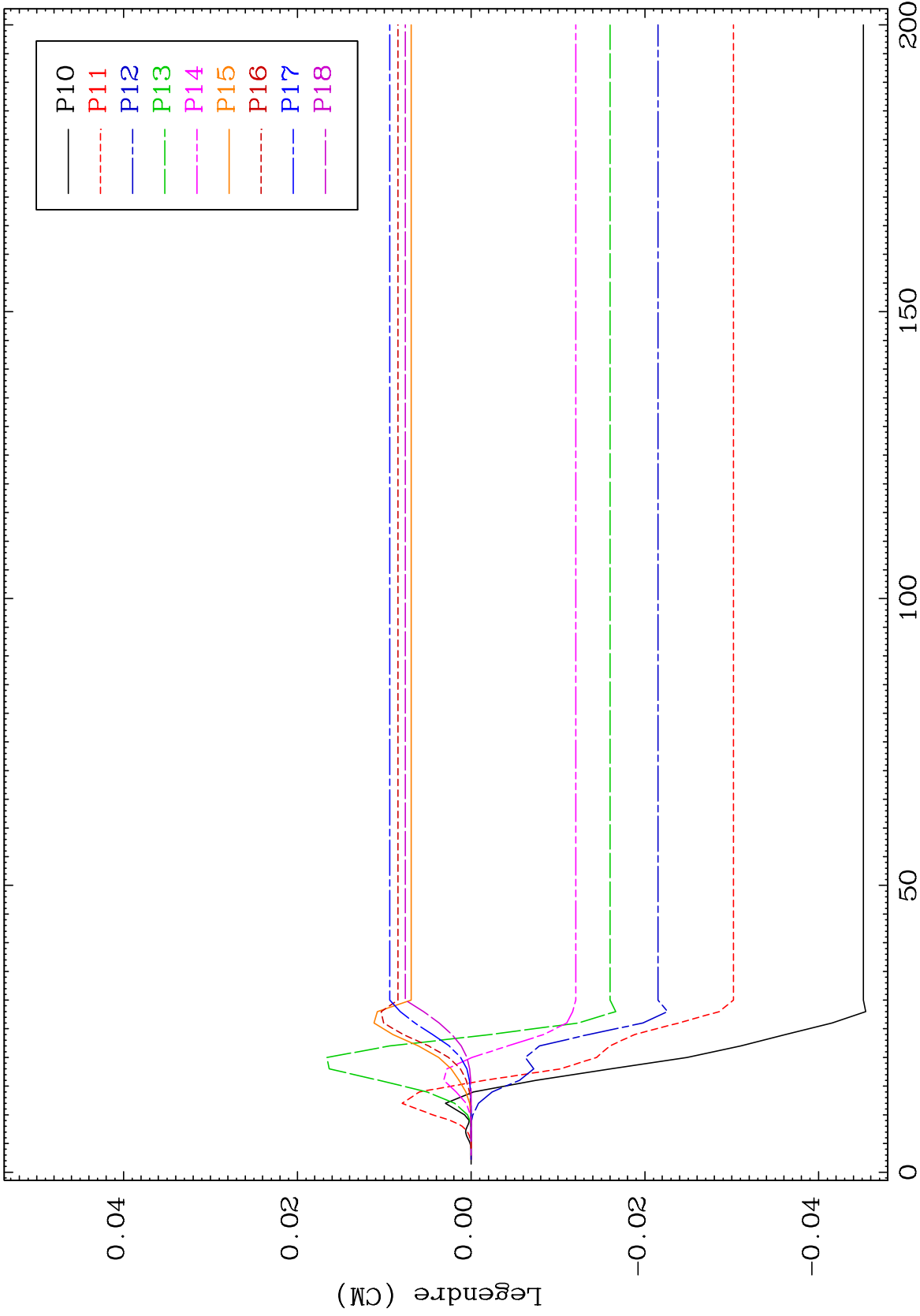
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



85

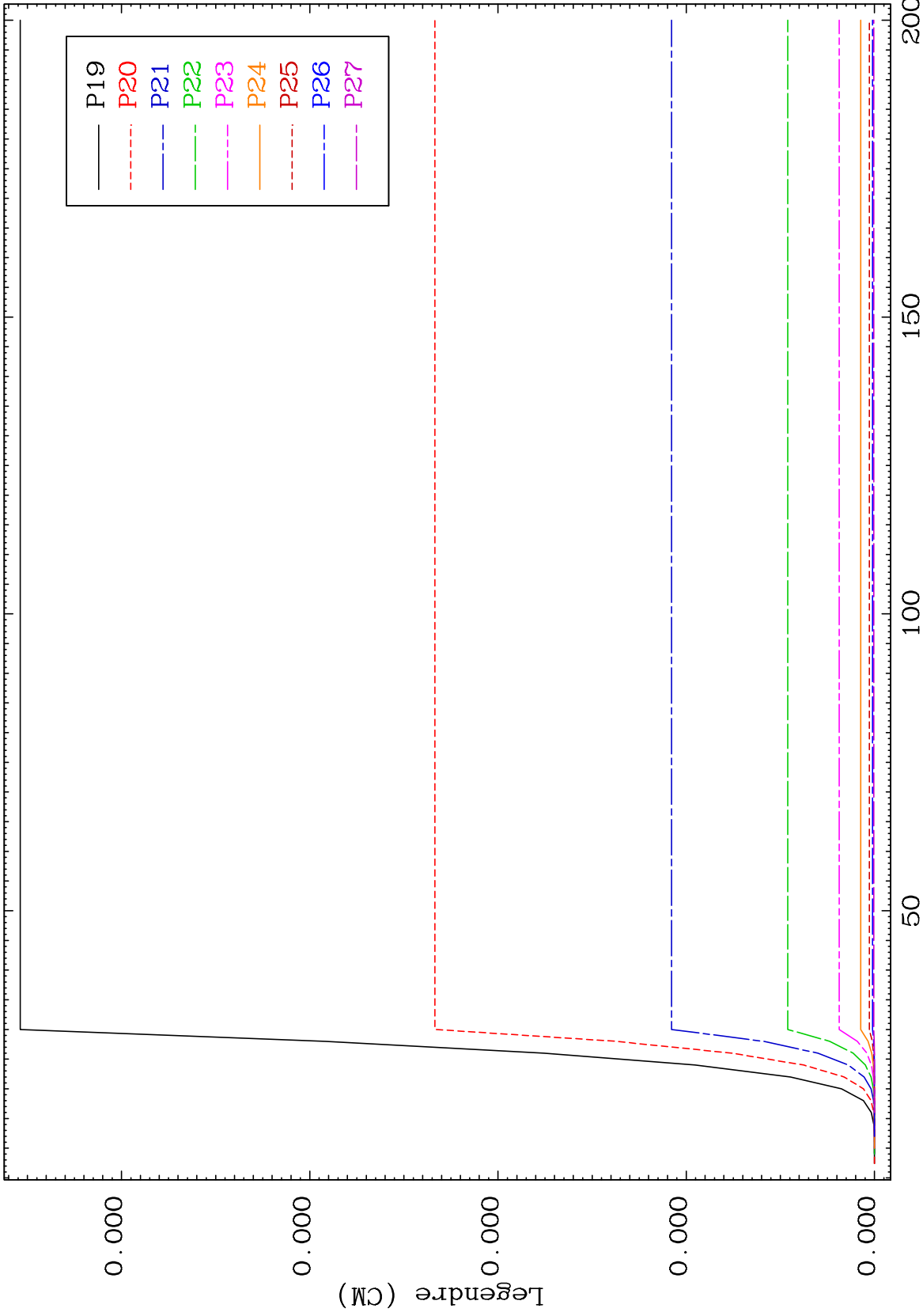
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



86

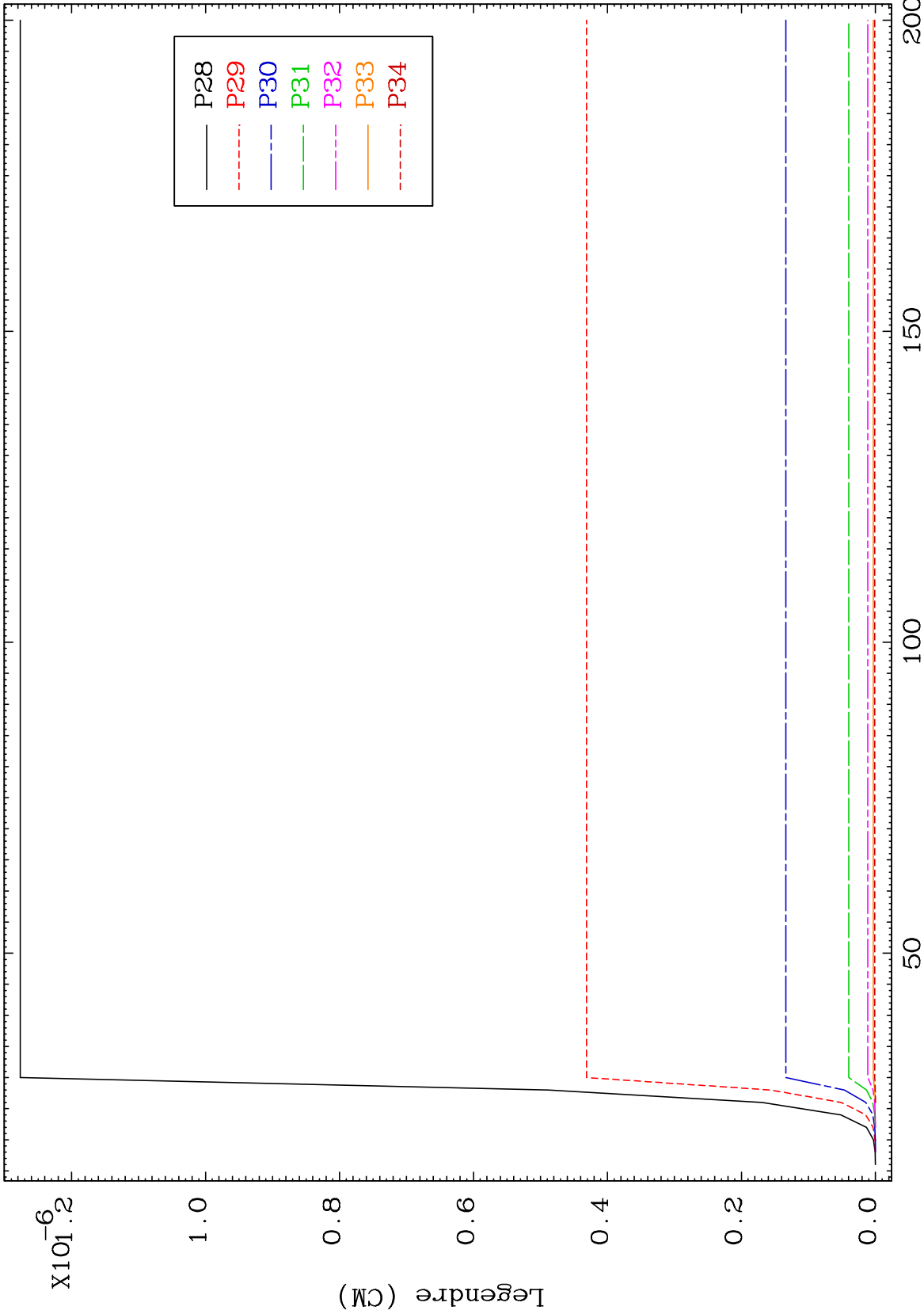
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



87

Incident Energy (MeV)

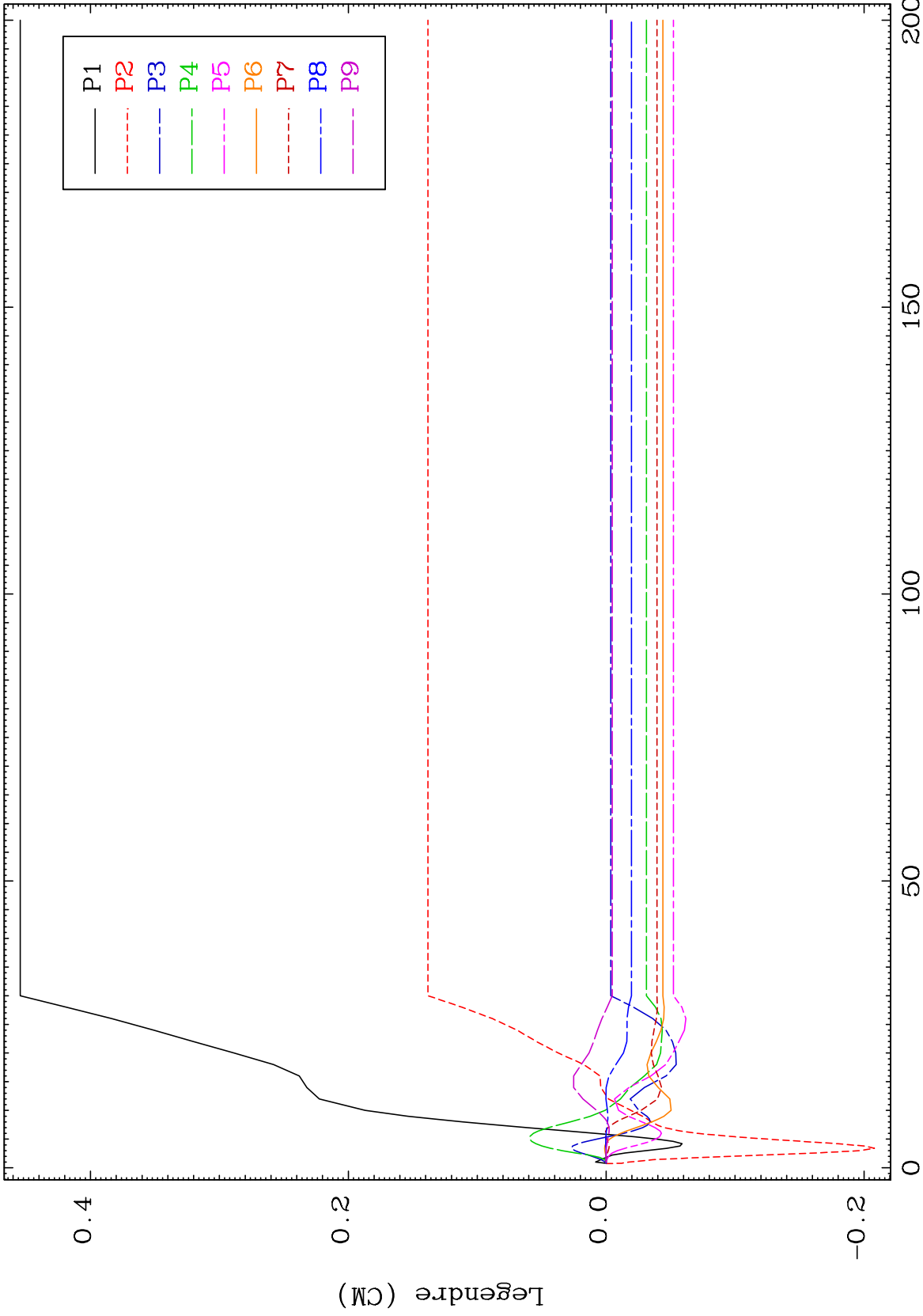
43-Tc-102



MAT 4334

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

43-Tc-102



88

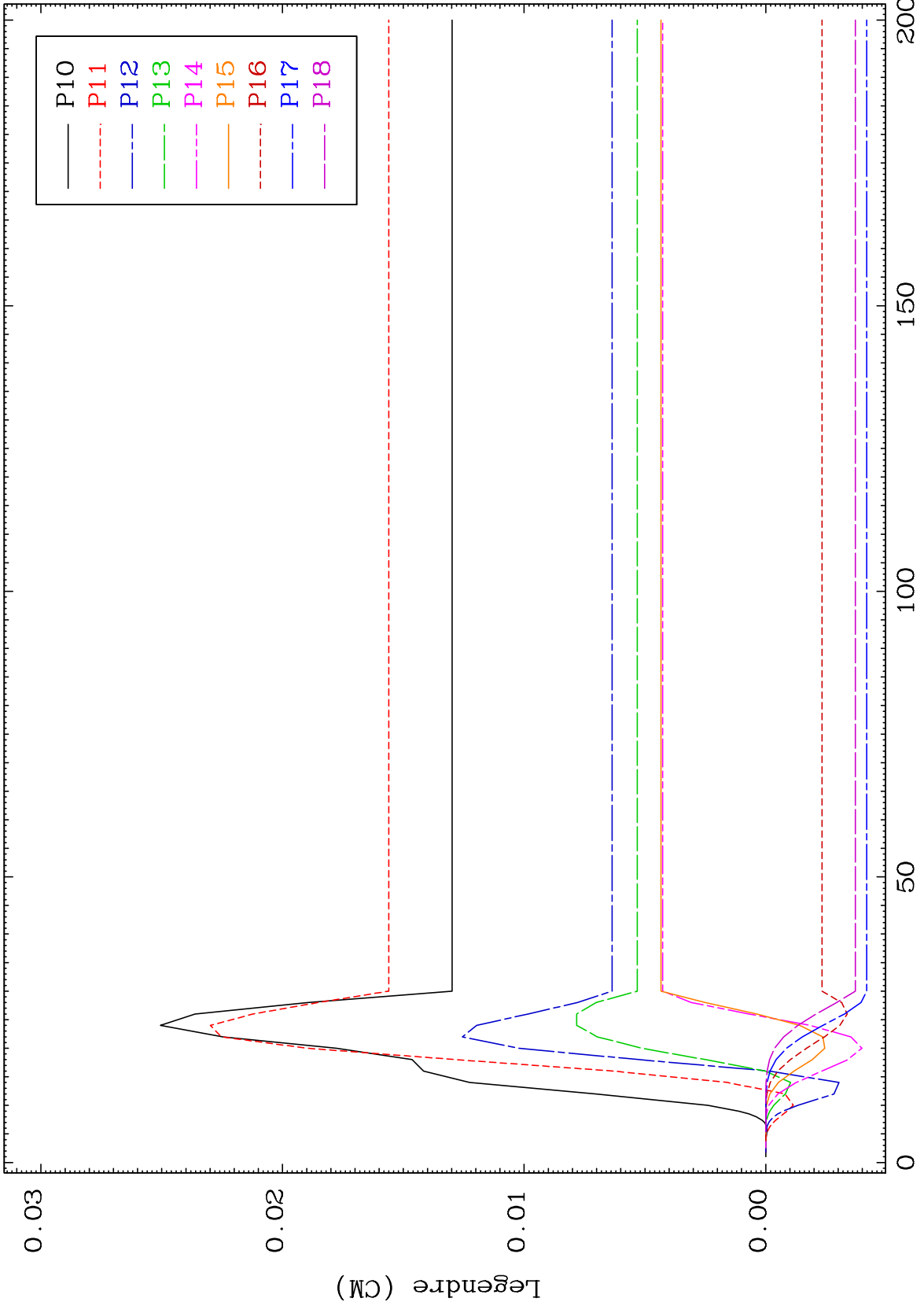
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



89

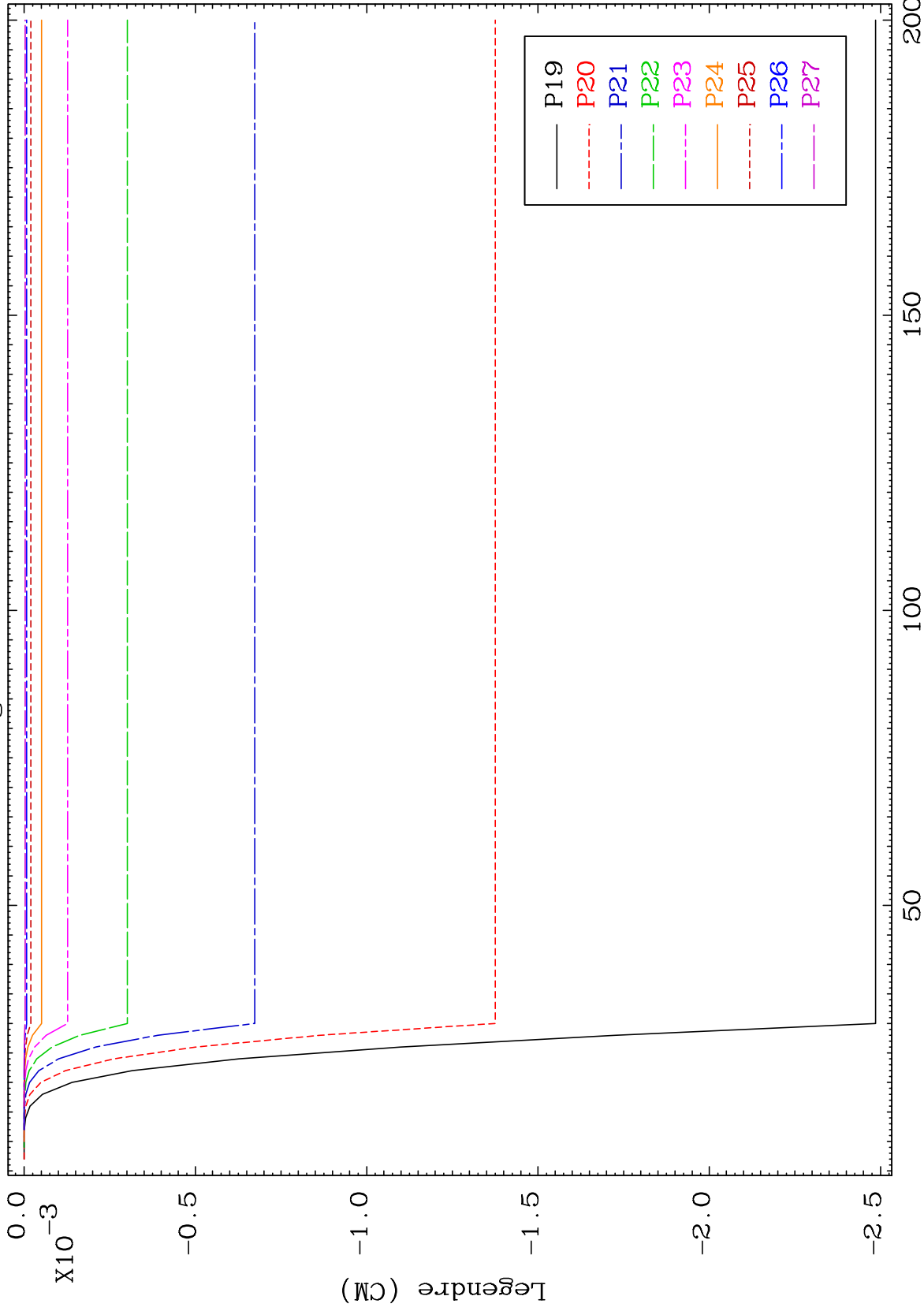
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



90

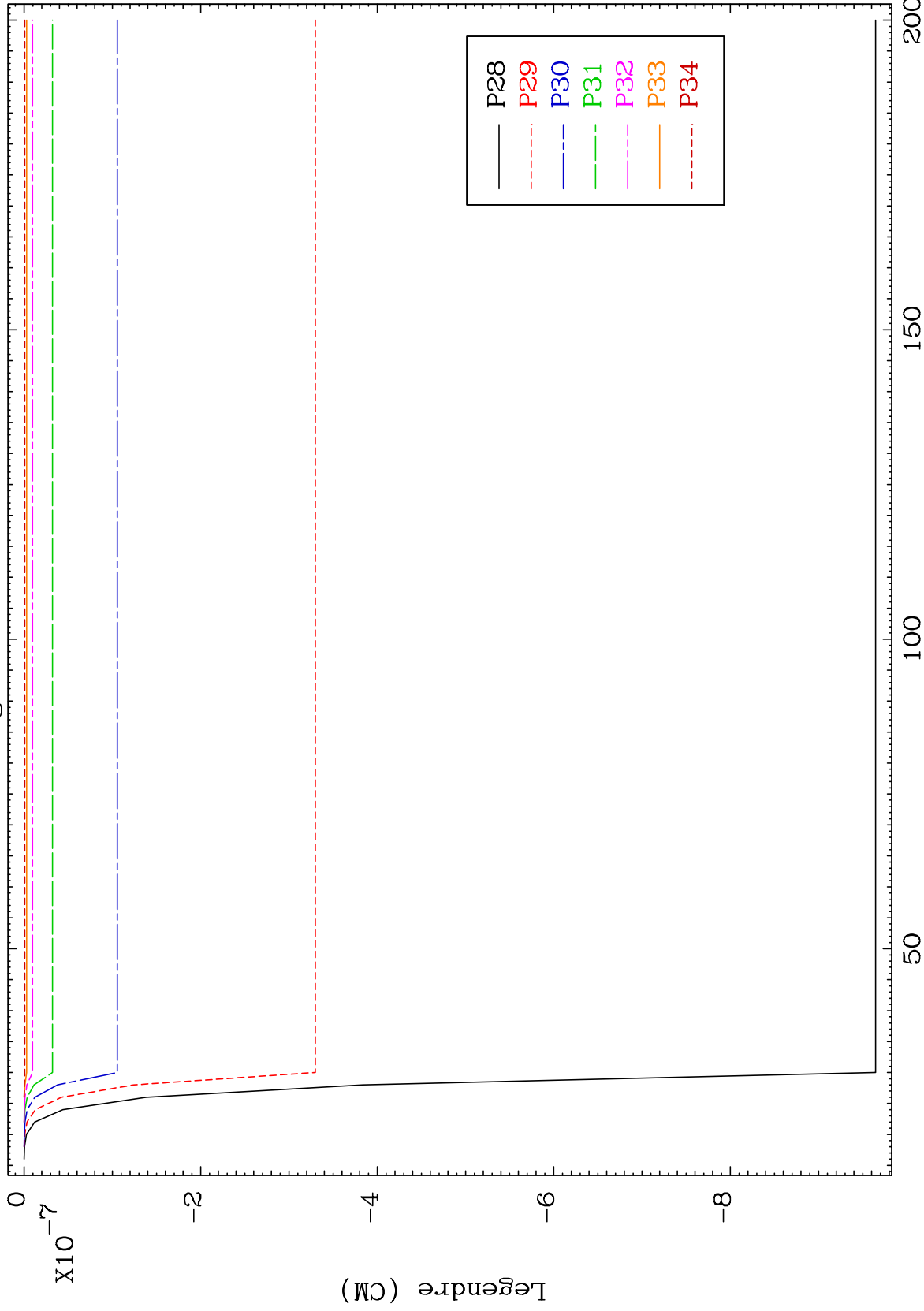
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



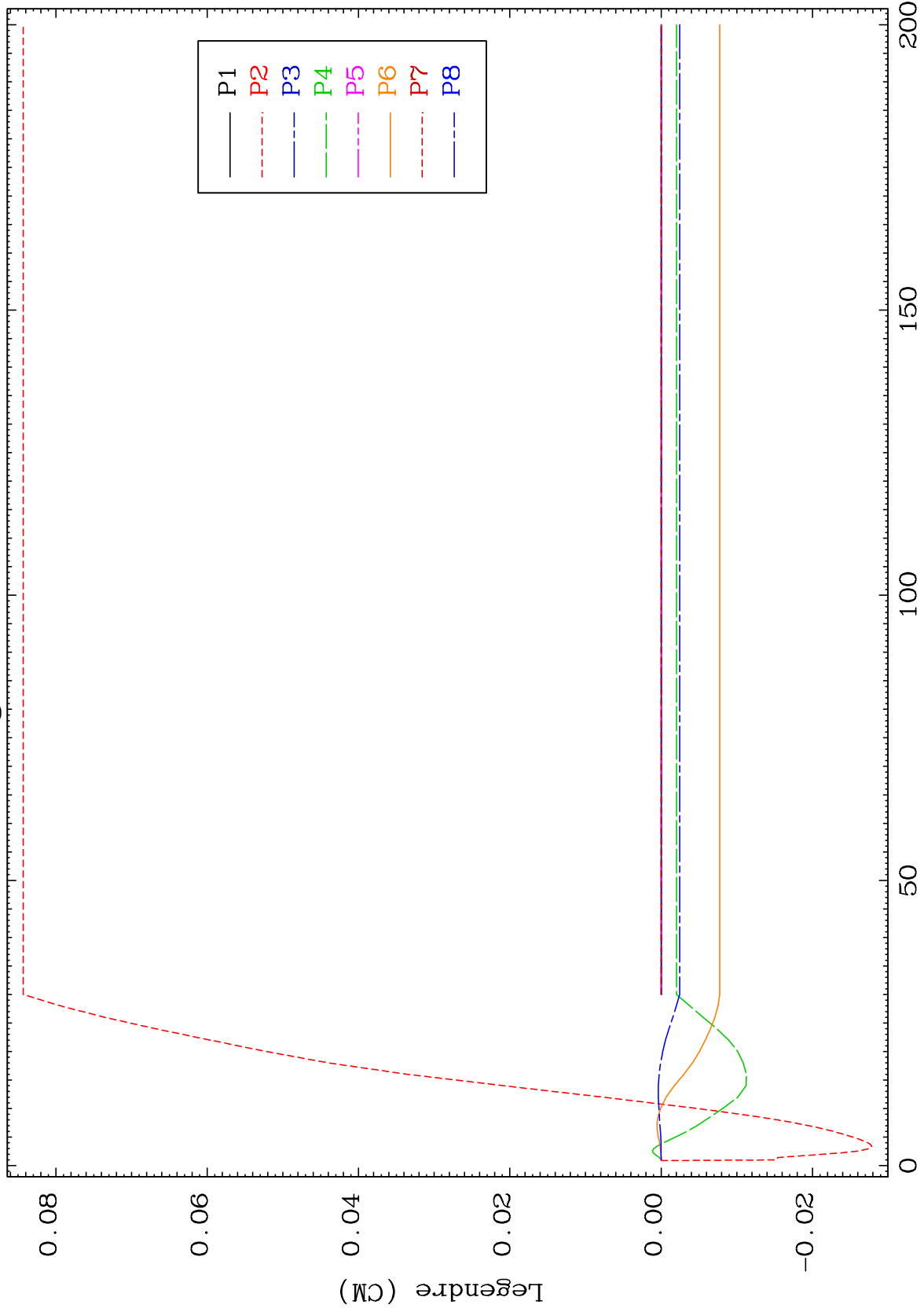
91

43-Tc-102

MAT 4334

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

43-Tc-102



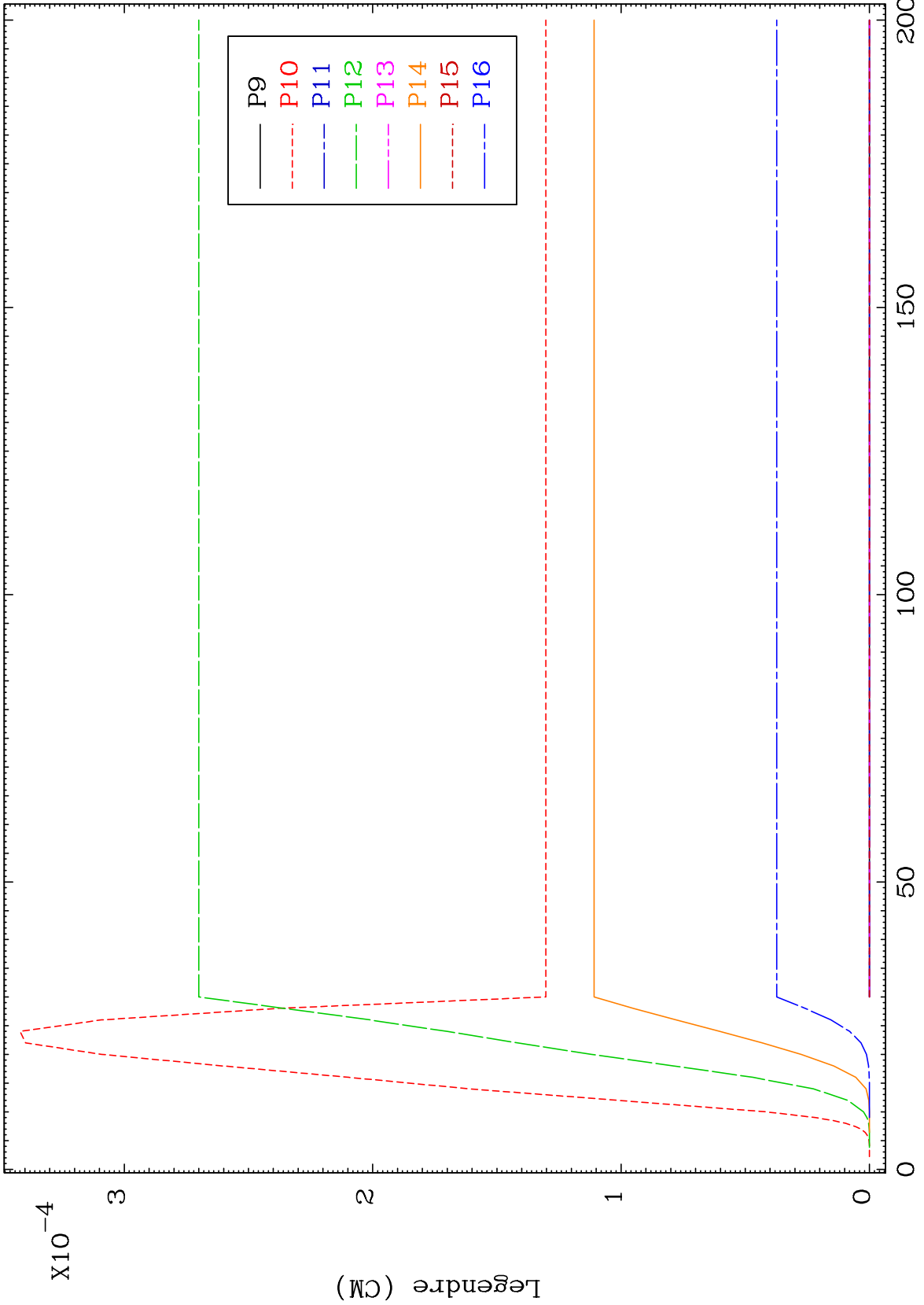
92

43-Tc-102

MAT 4334

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

43-Tc-102



93

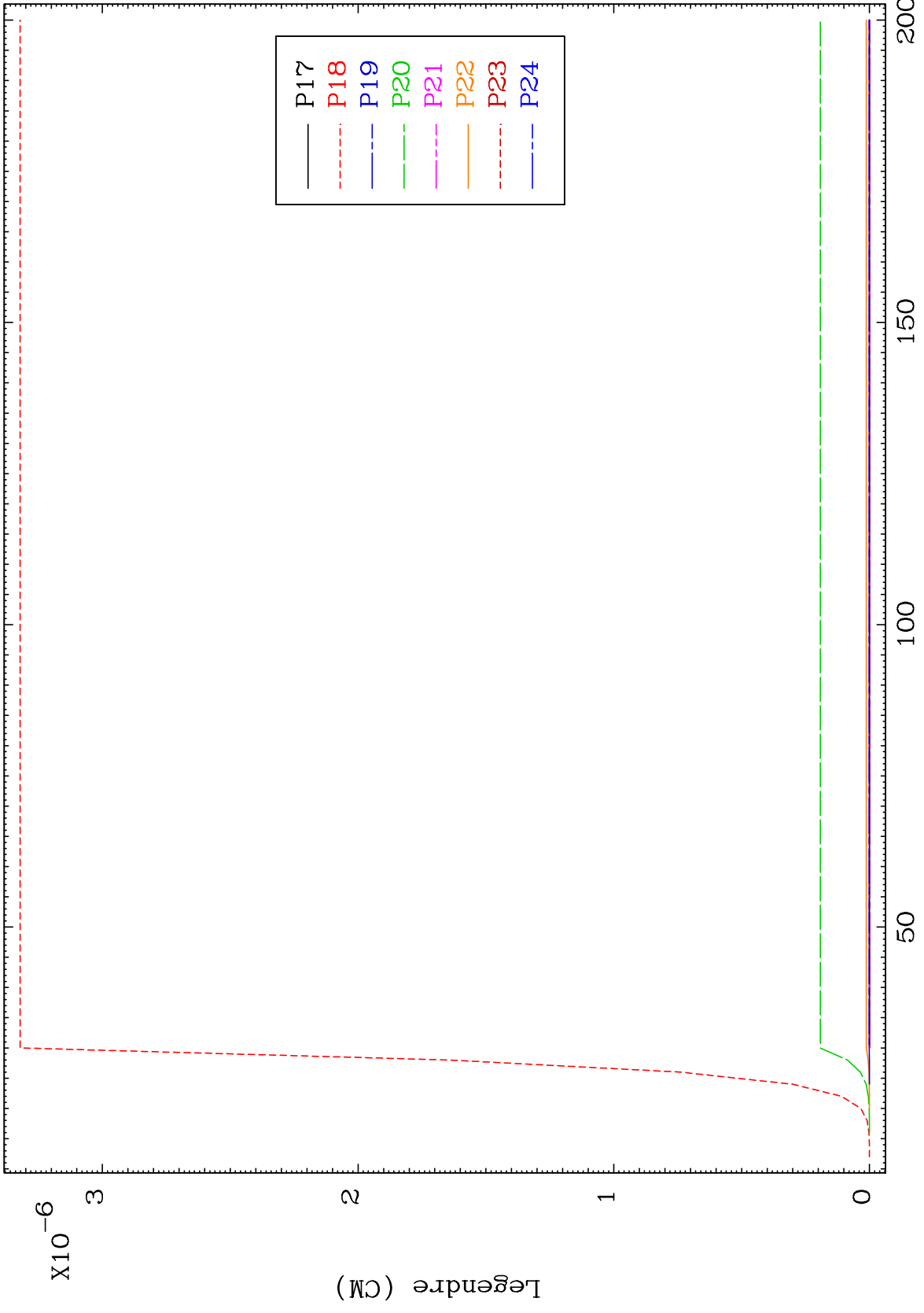
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



94

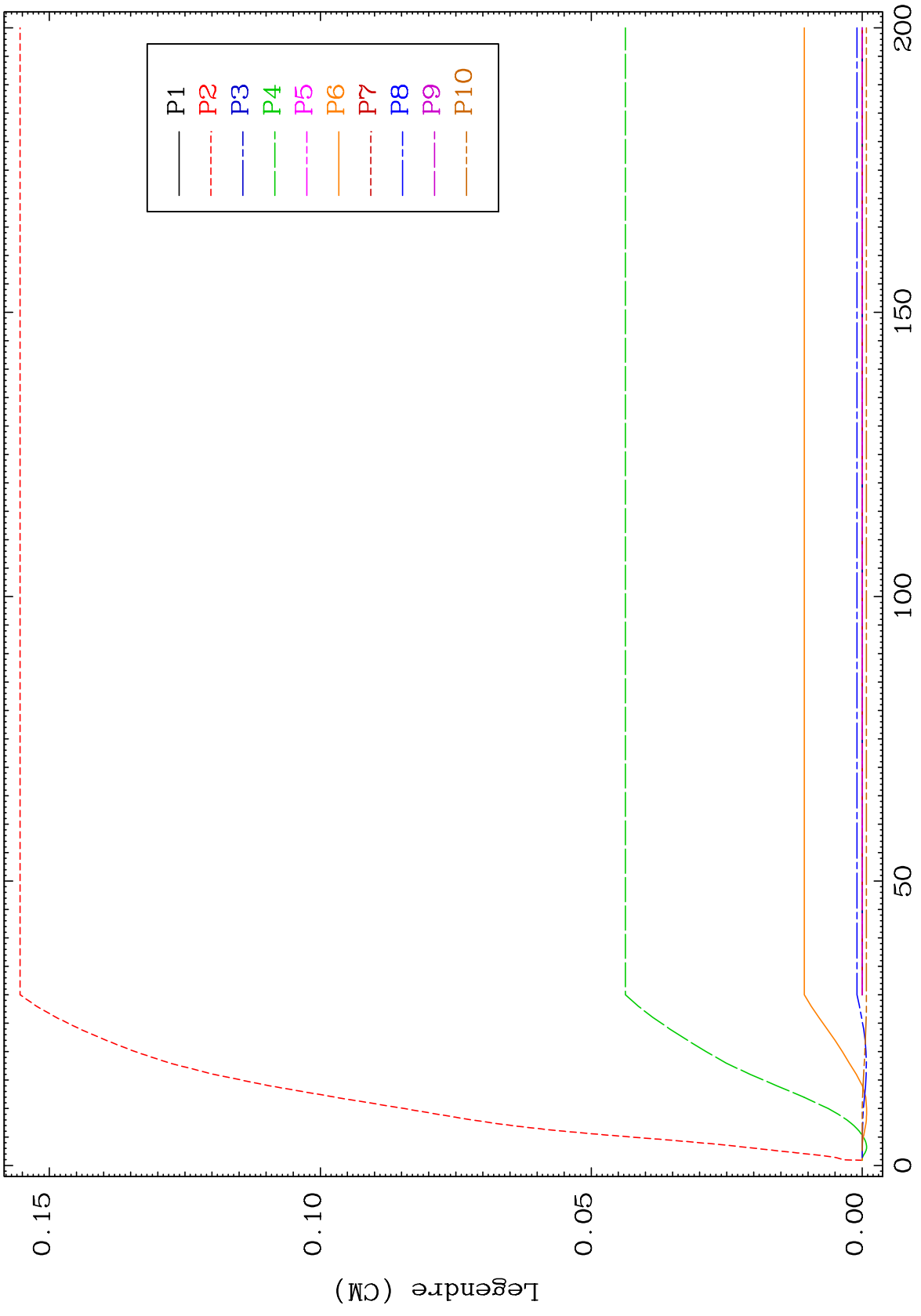
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



95

Incident Energy (MeV)

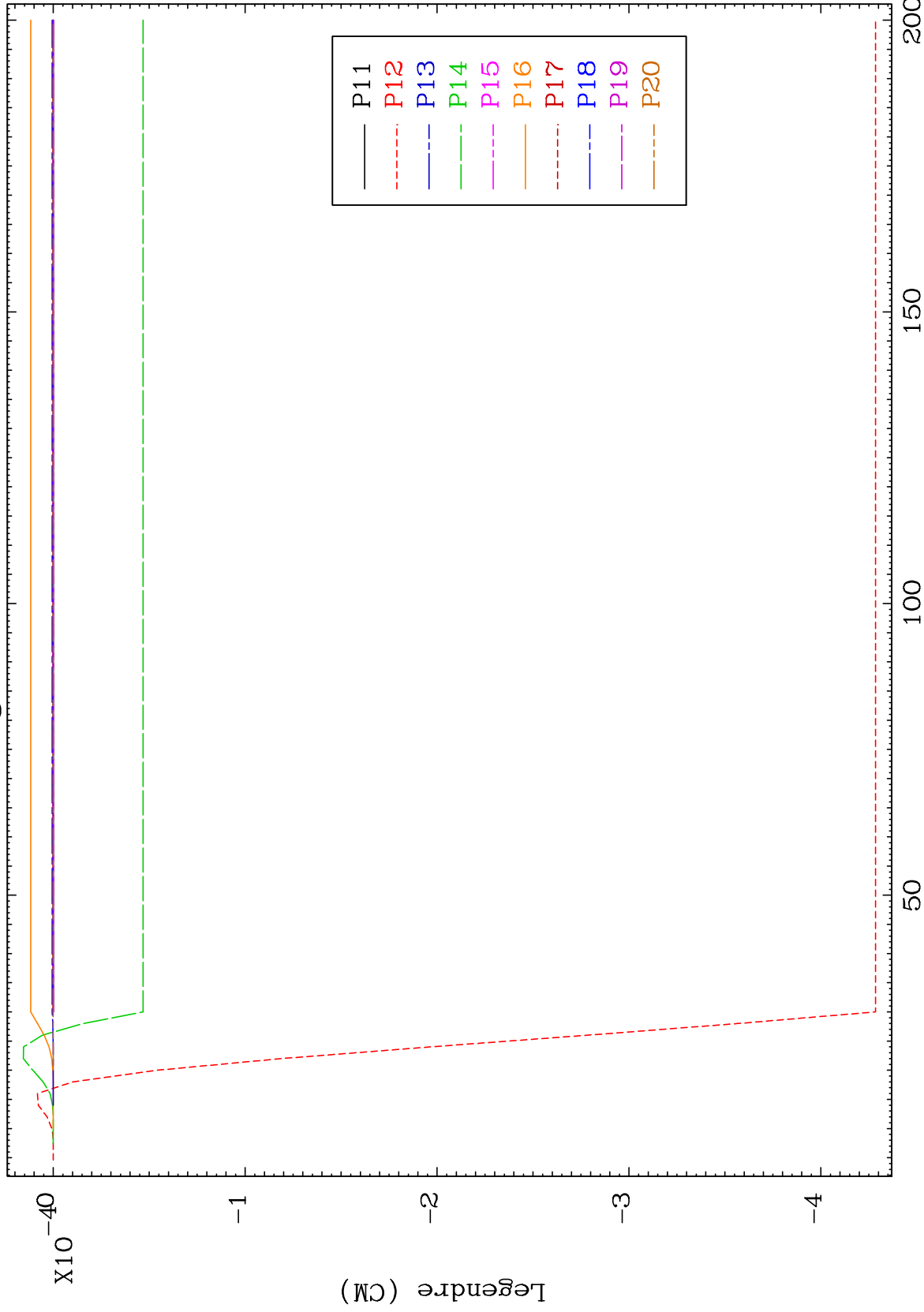
43-Tc-102



MAT 4334

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

43-Tc-102



96

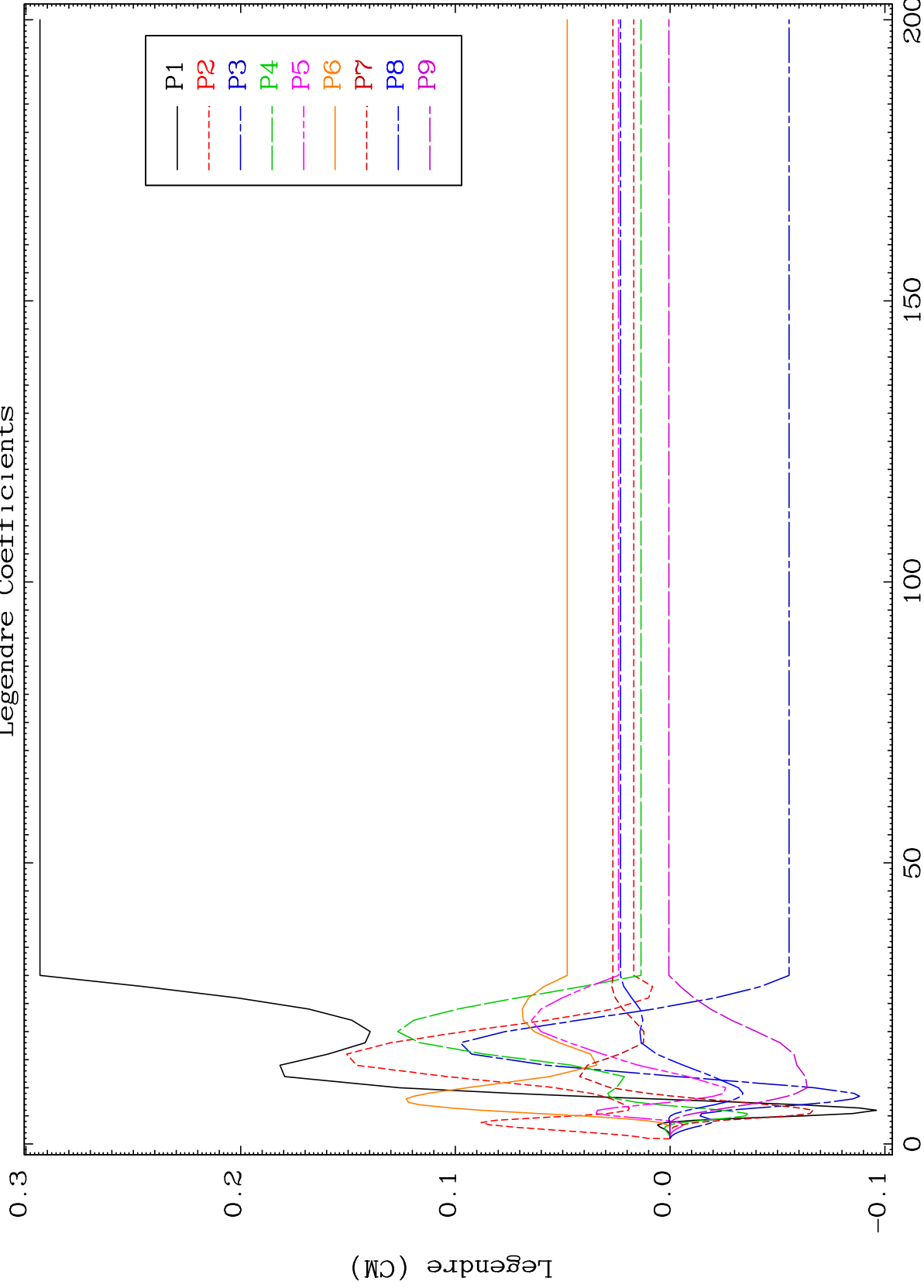
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



97

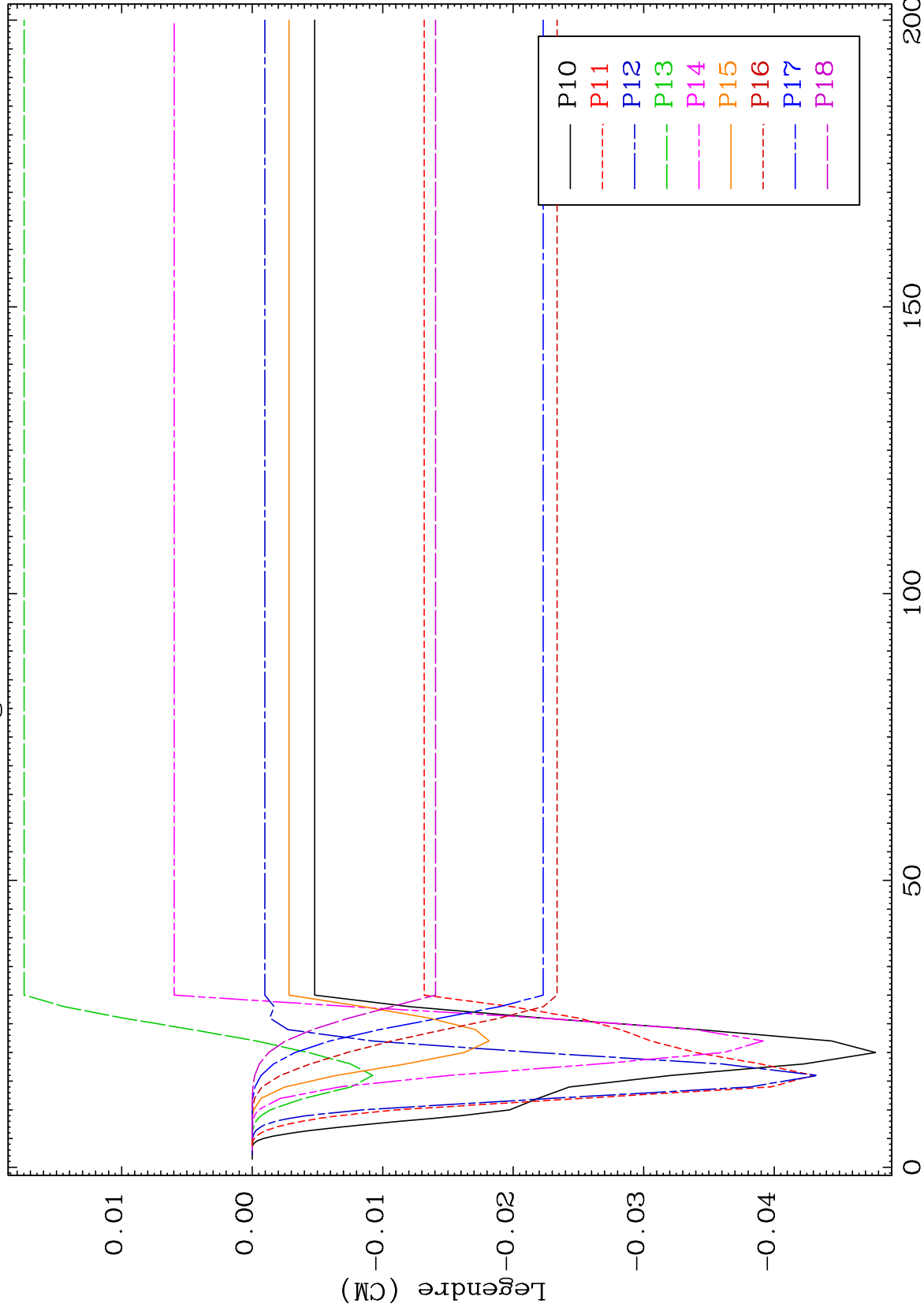
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102

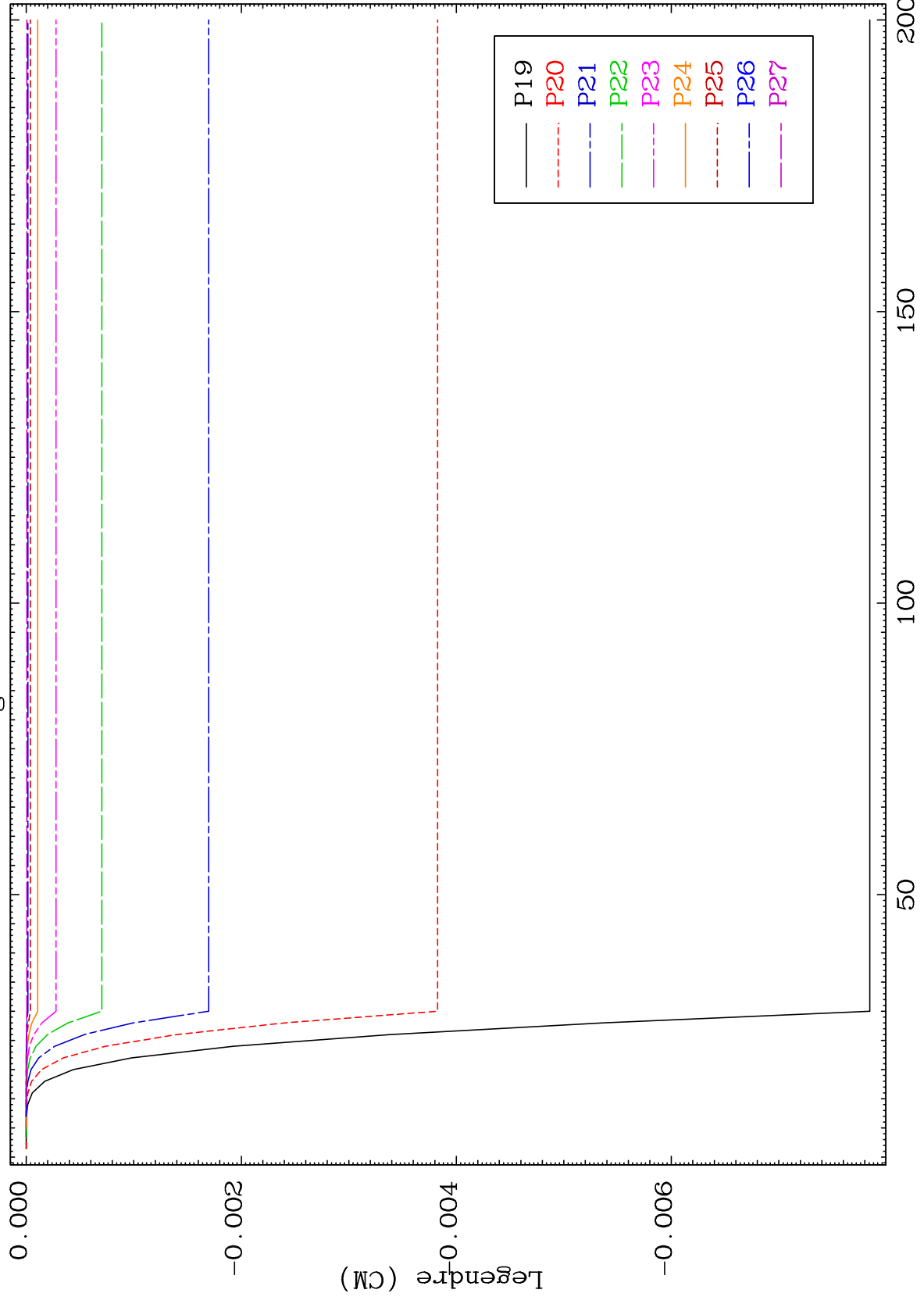


98

Incident Energy (MeV)

43-Tc-102

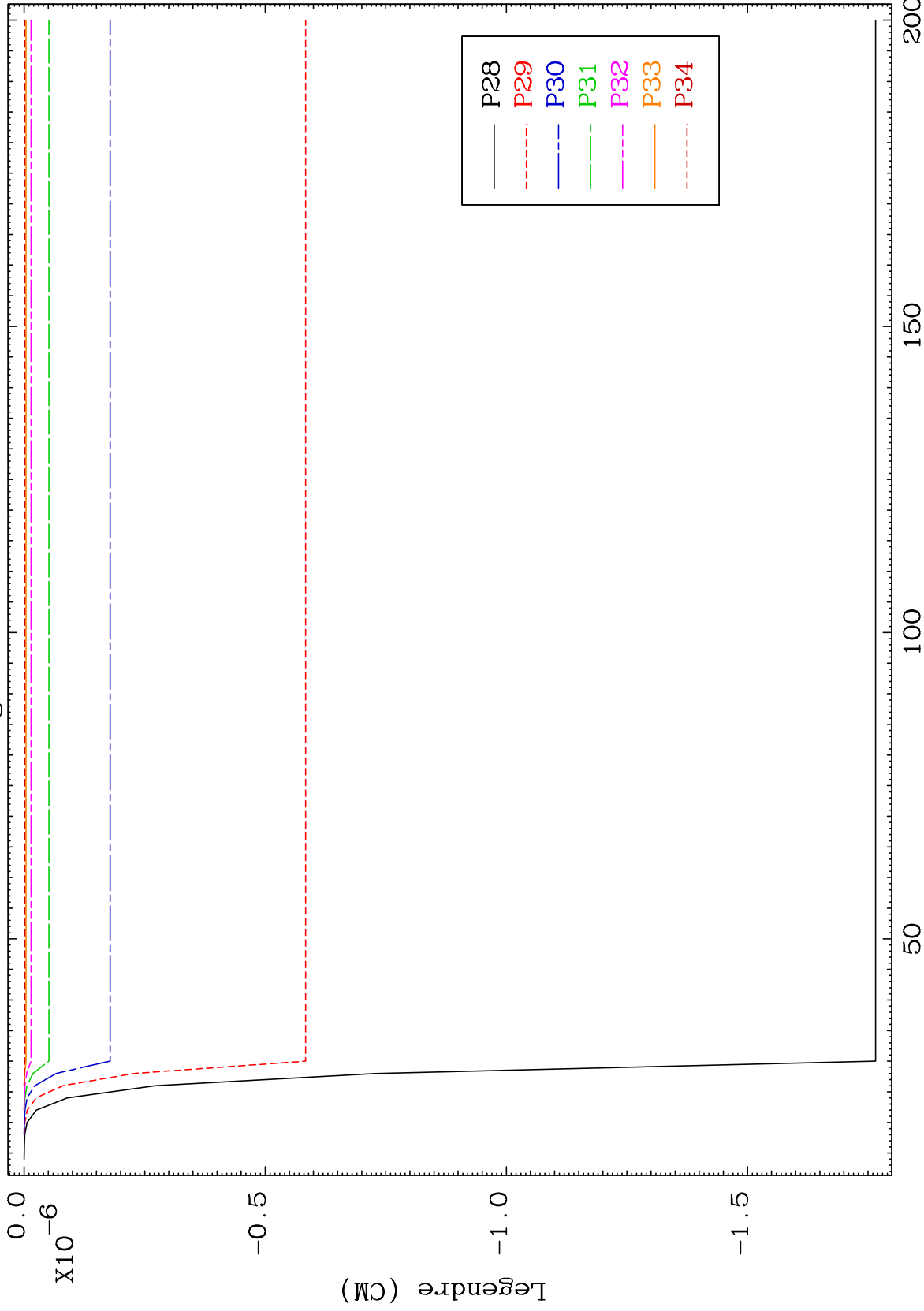
MAT 4334 MT= 76 (n,n') Level Legendre Coefficients 43-Tc-102



MAT 4334

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

43-Tc-102



100

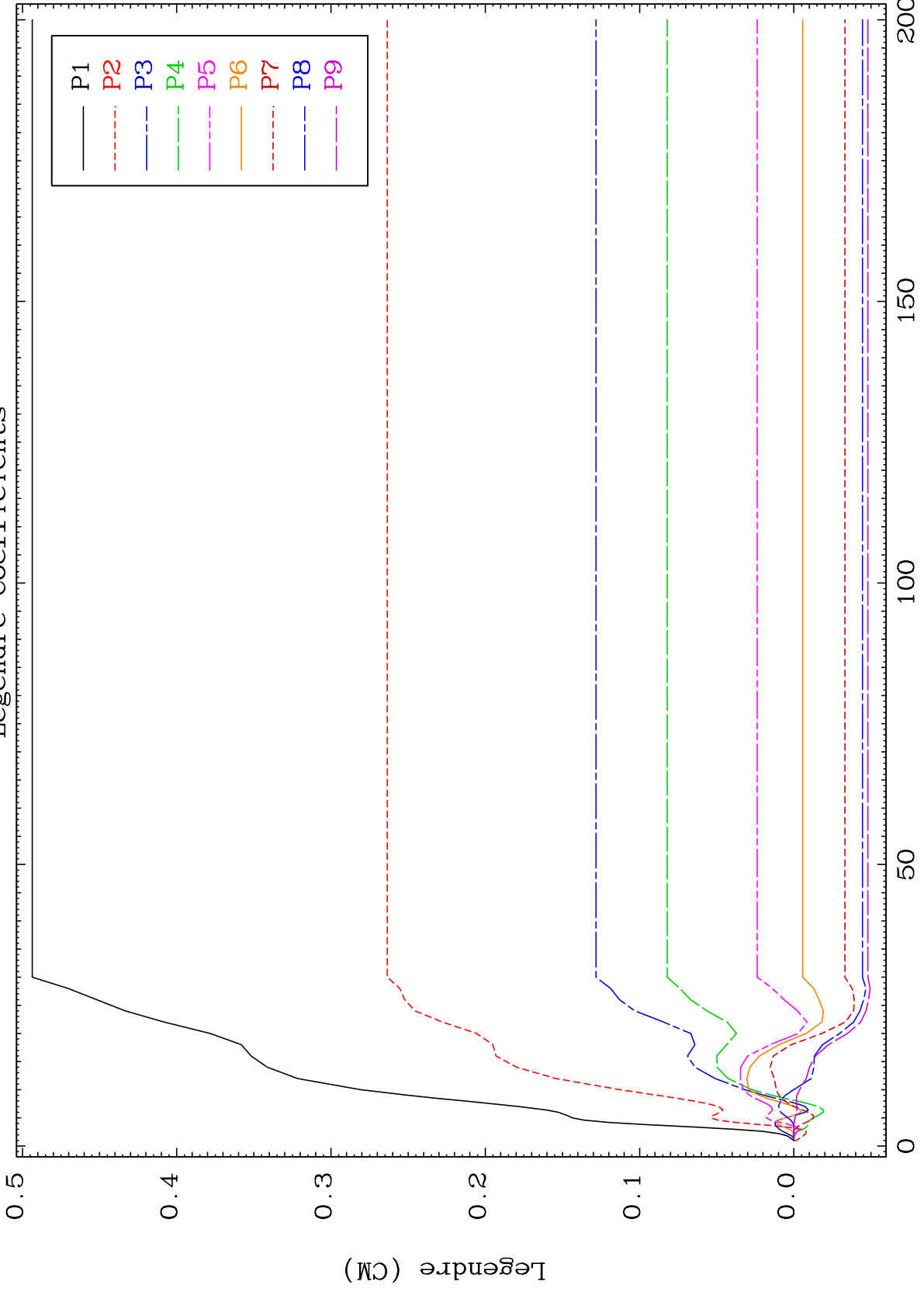
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



101

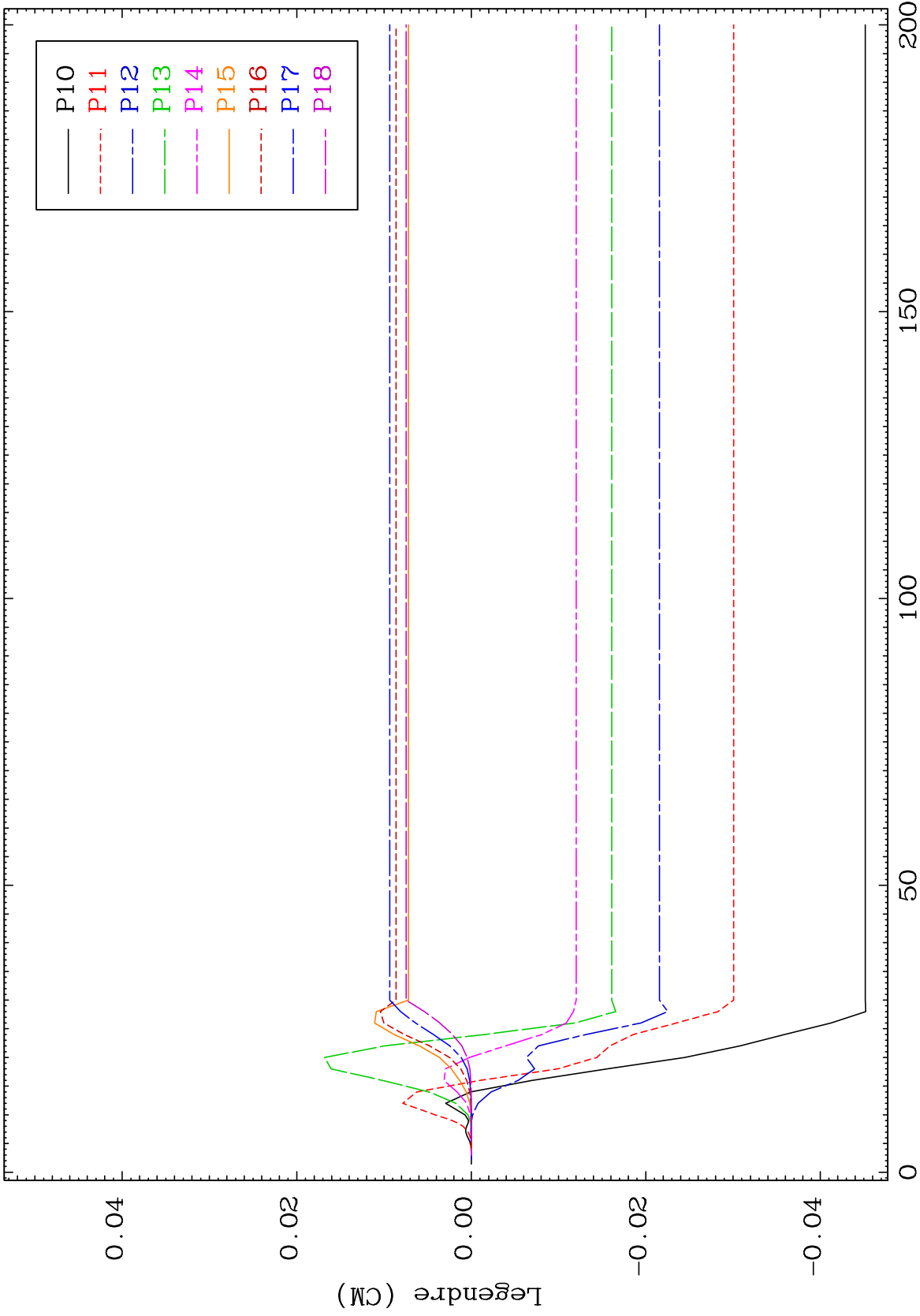
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



102

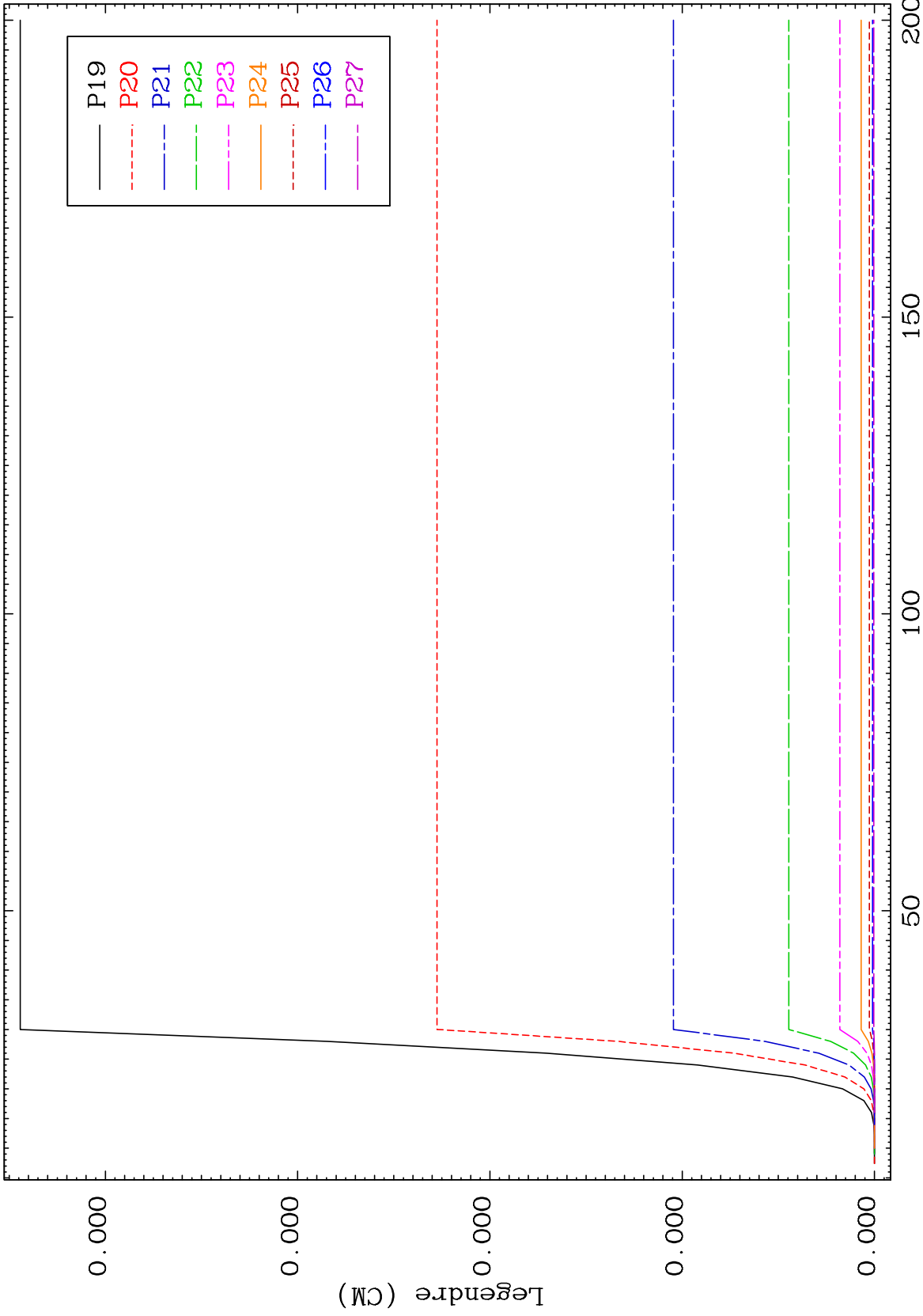
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



103

Incident Energy (MeV)

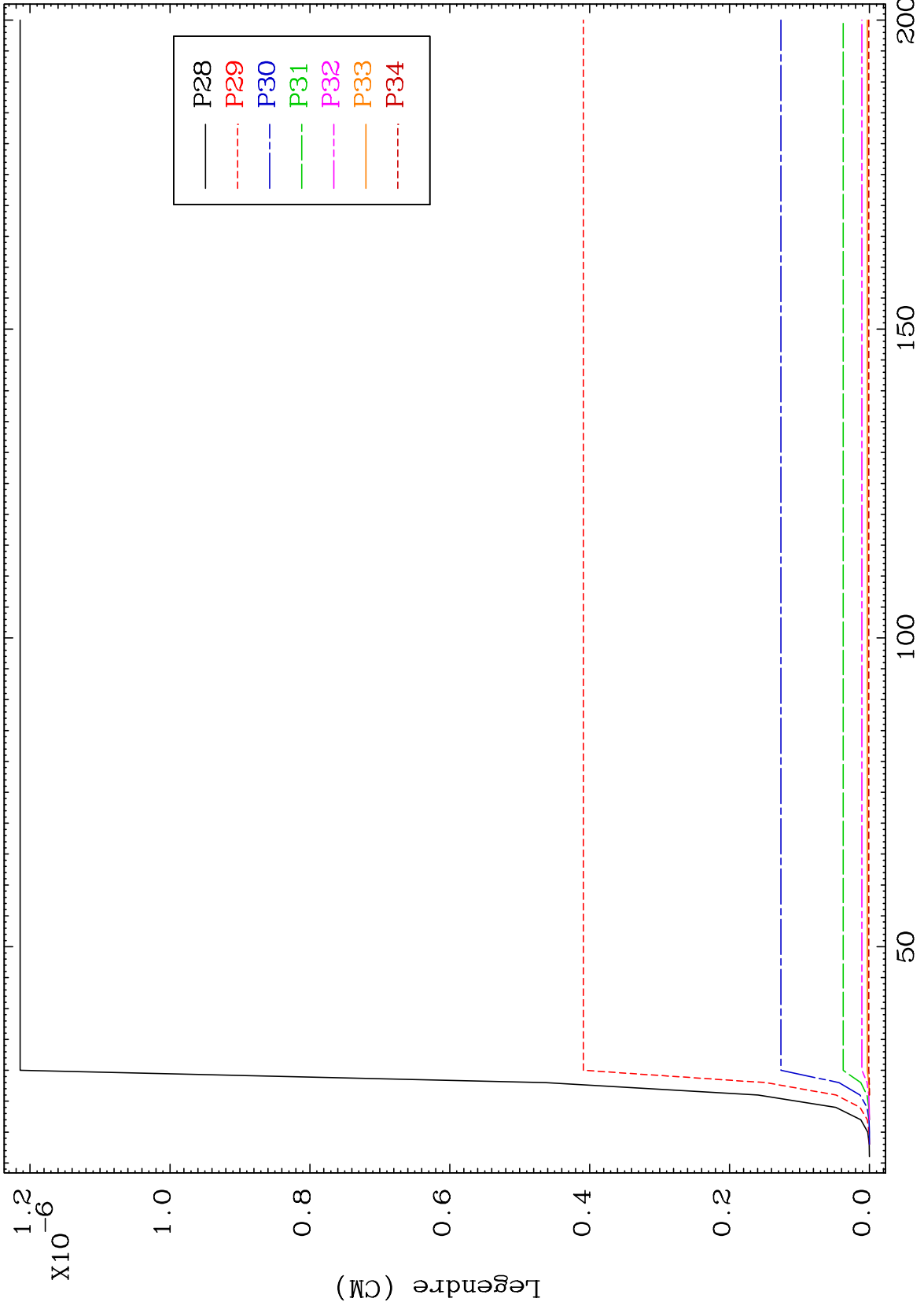
43-Tc-102



MAT 4334

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

43-Tc-102



104

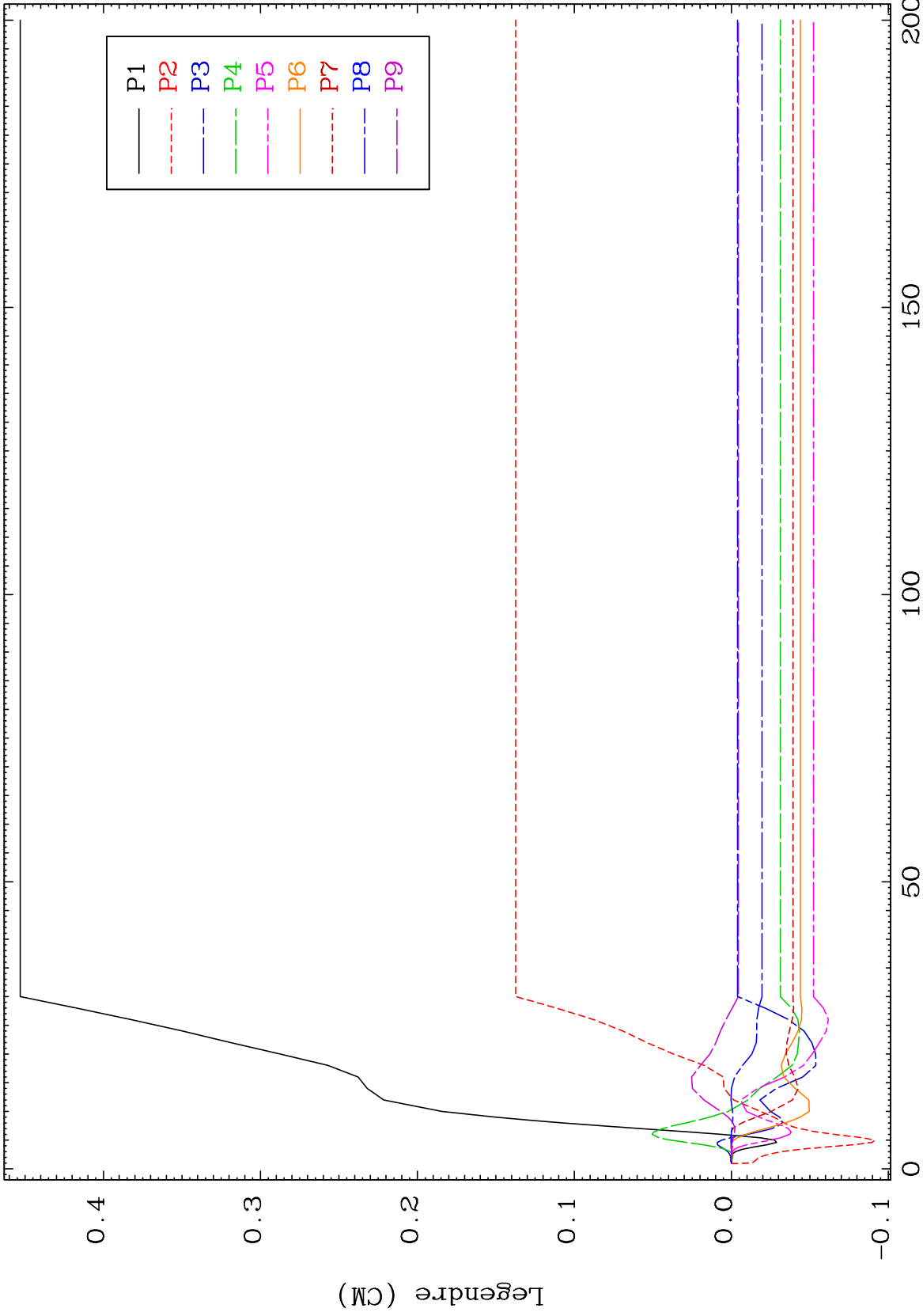
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



43-Tc-102

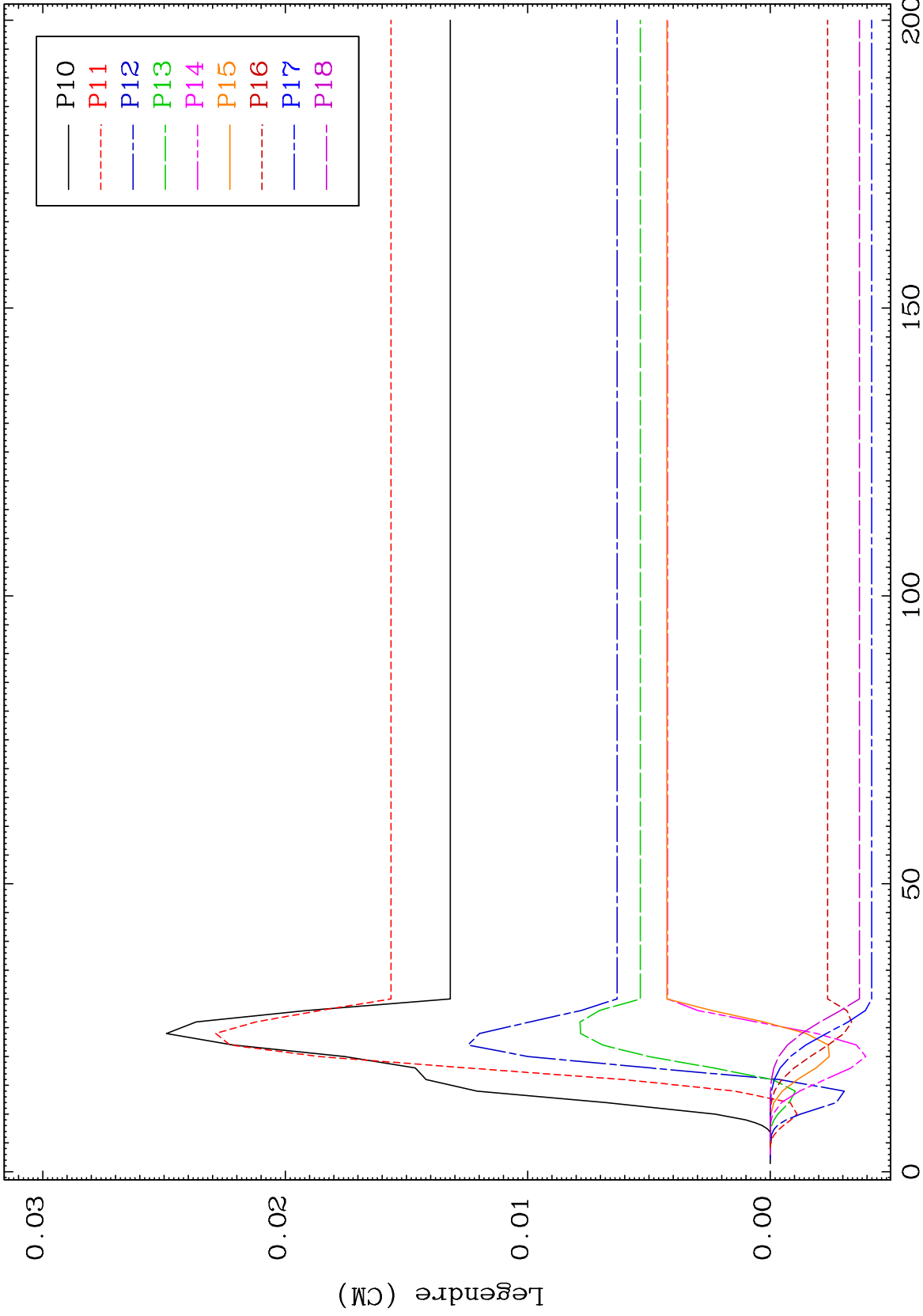
Incident Energy (MeV)

105

MAT 4334

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

43-Tc-102



106

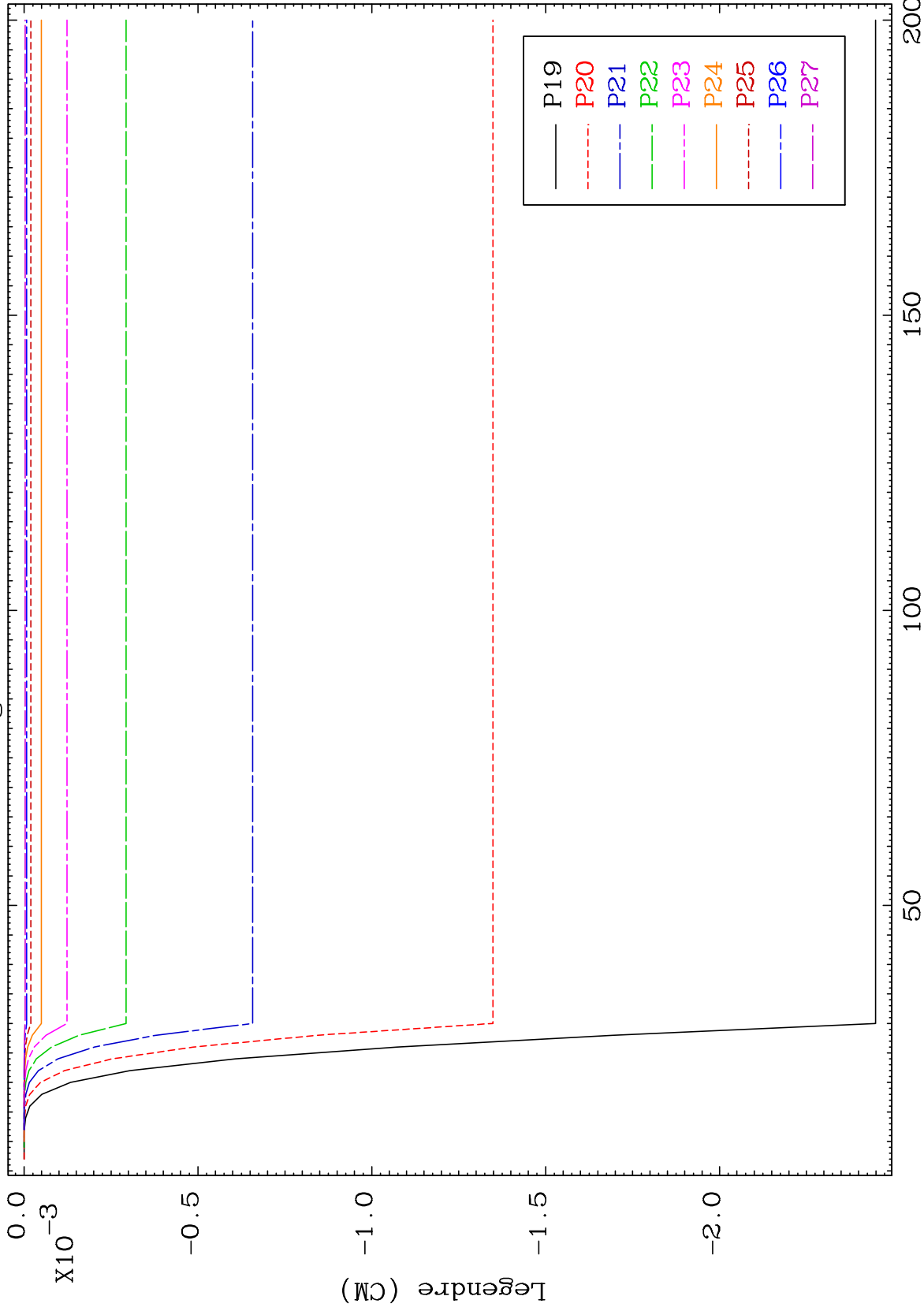
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



107

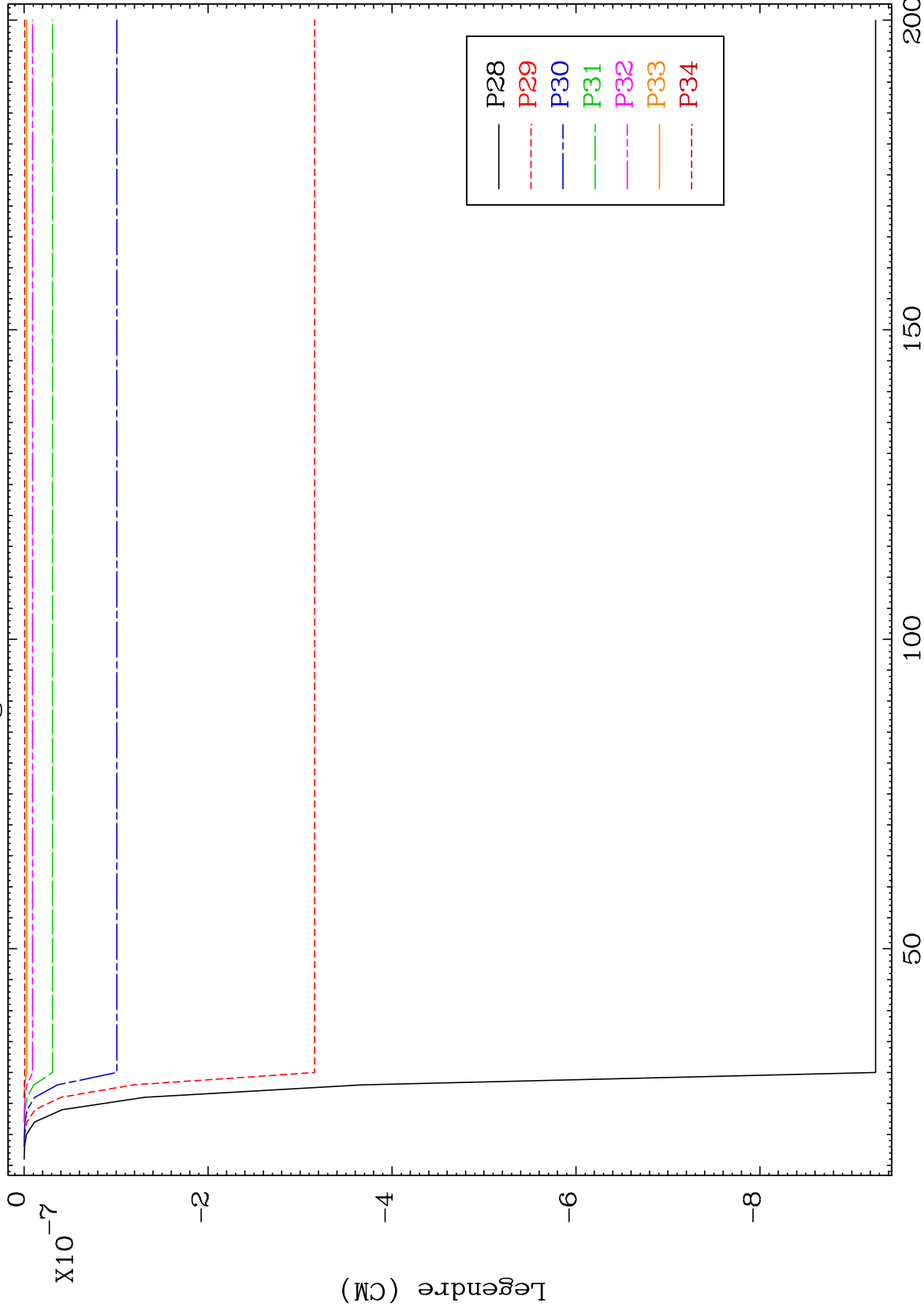
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



108

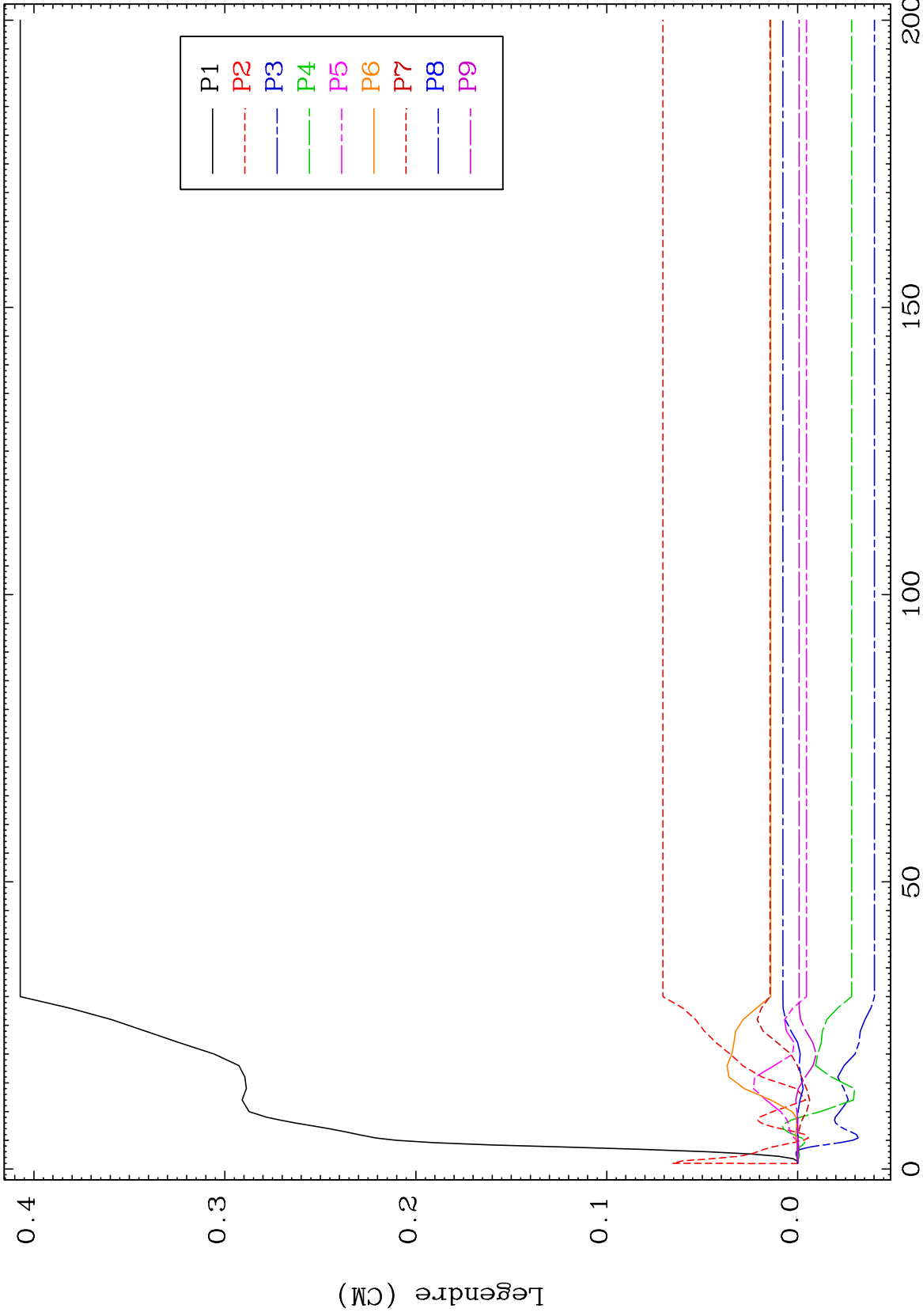
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



109

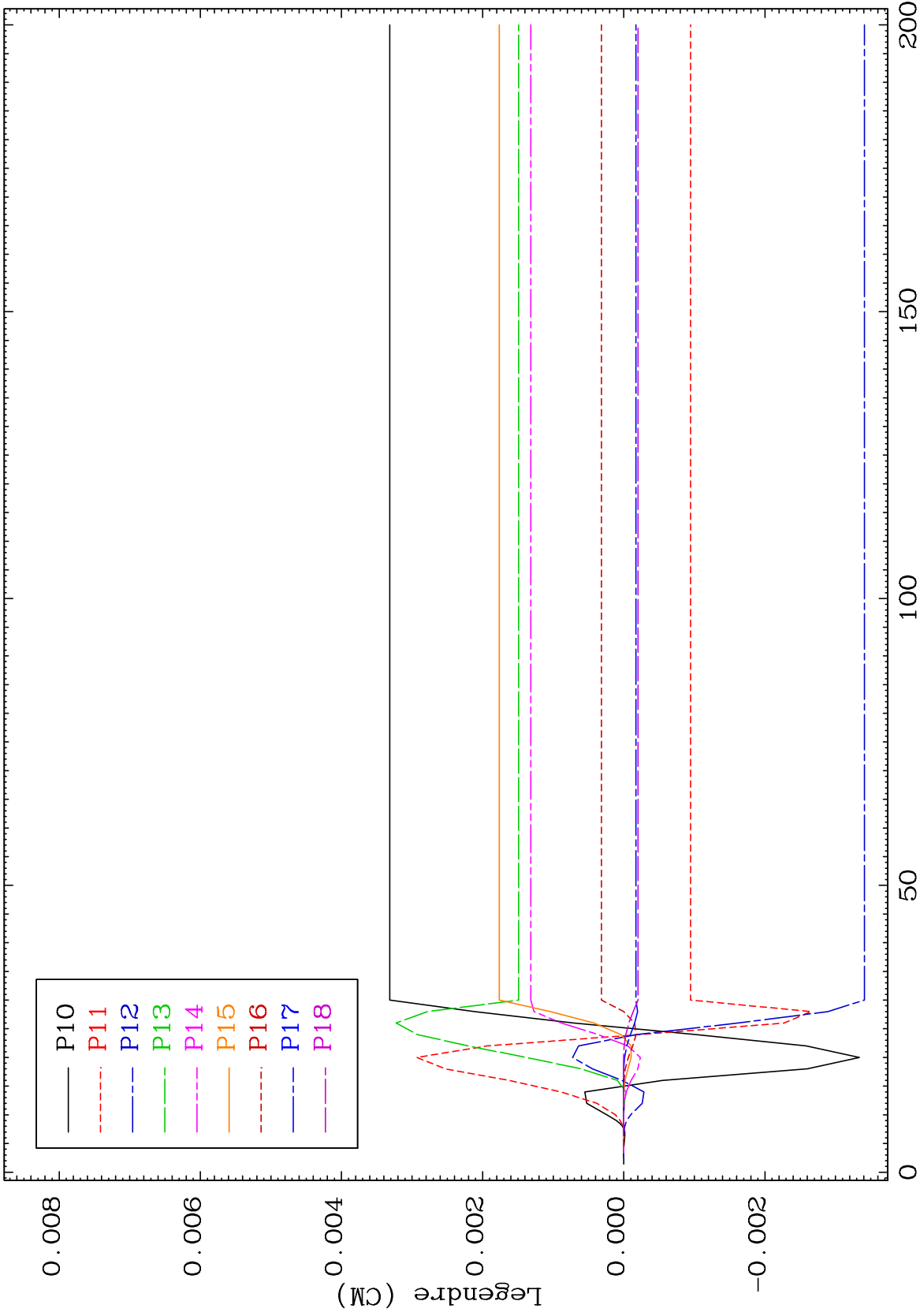
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



110

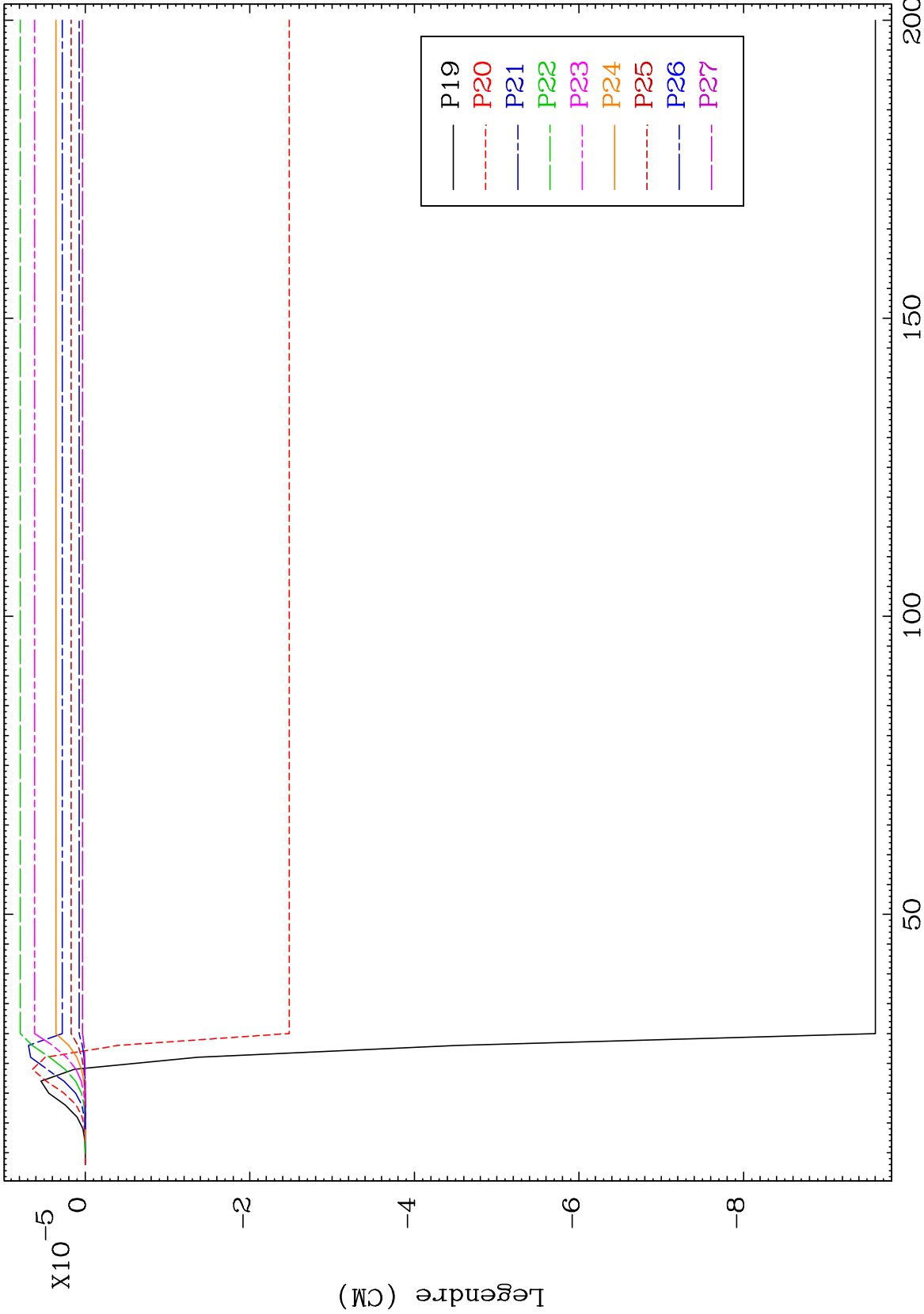
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



111

Incident Energy (MeV)

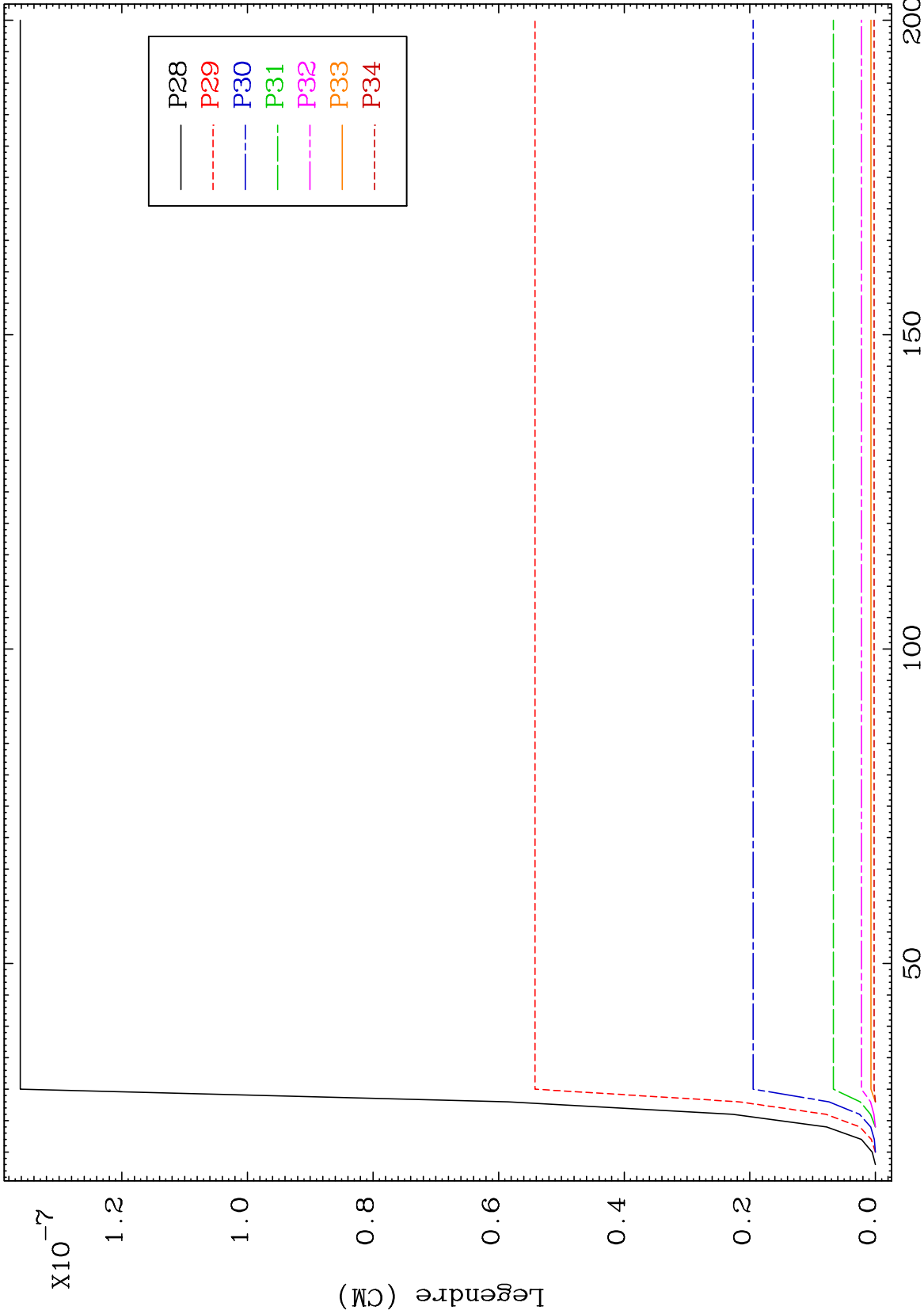
43-Tc-102



MAT 4334

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

43-Tc-102



112

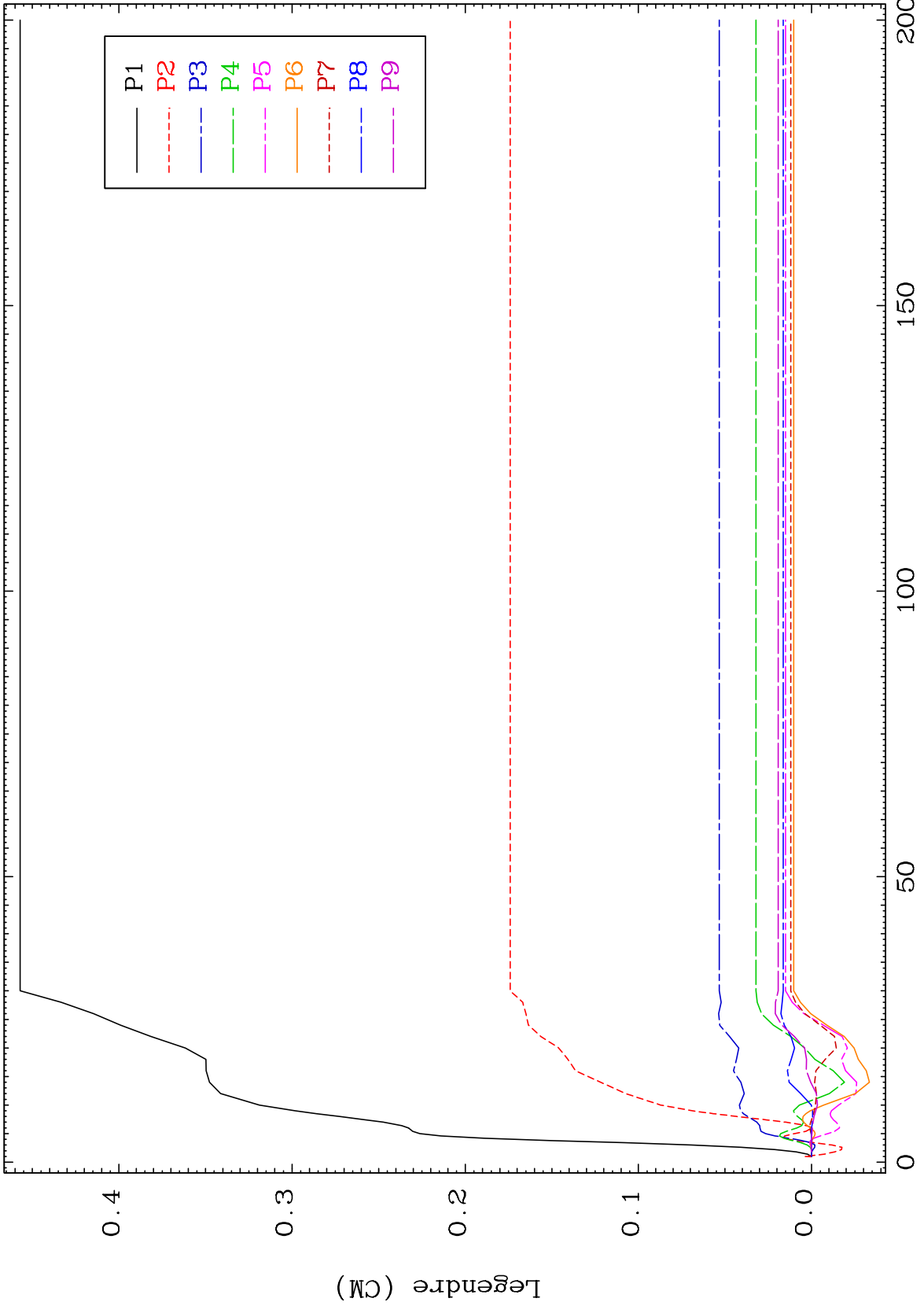
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



113

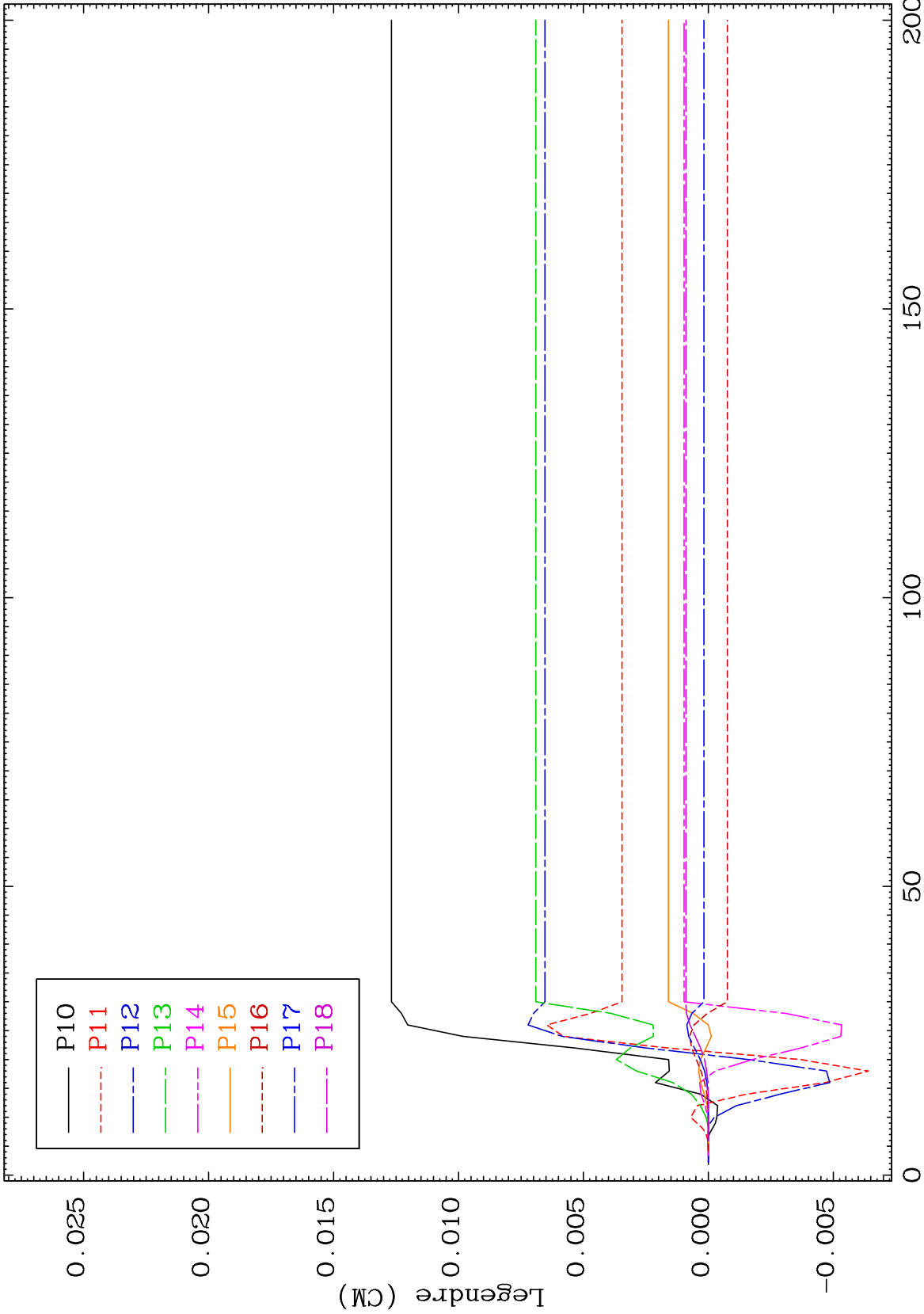
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



114

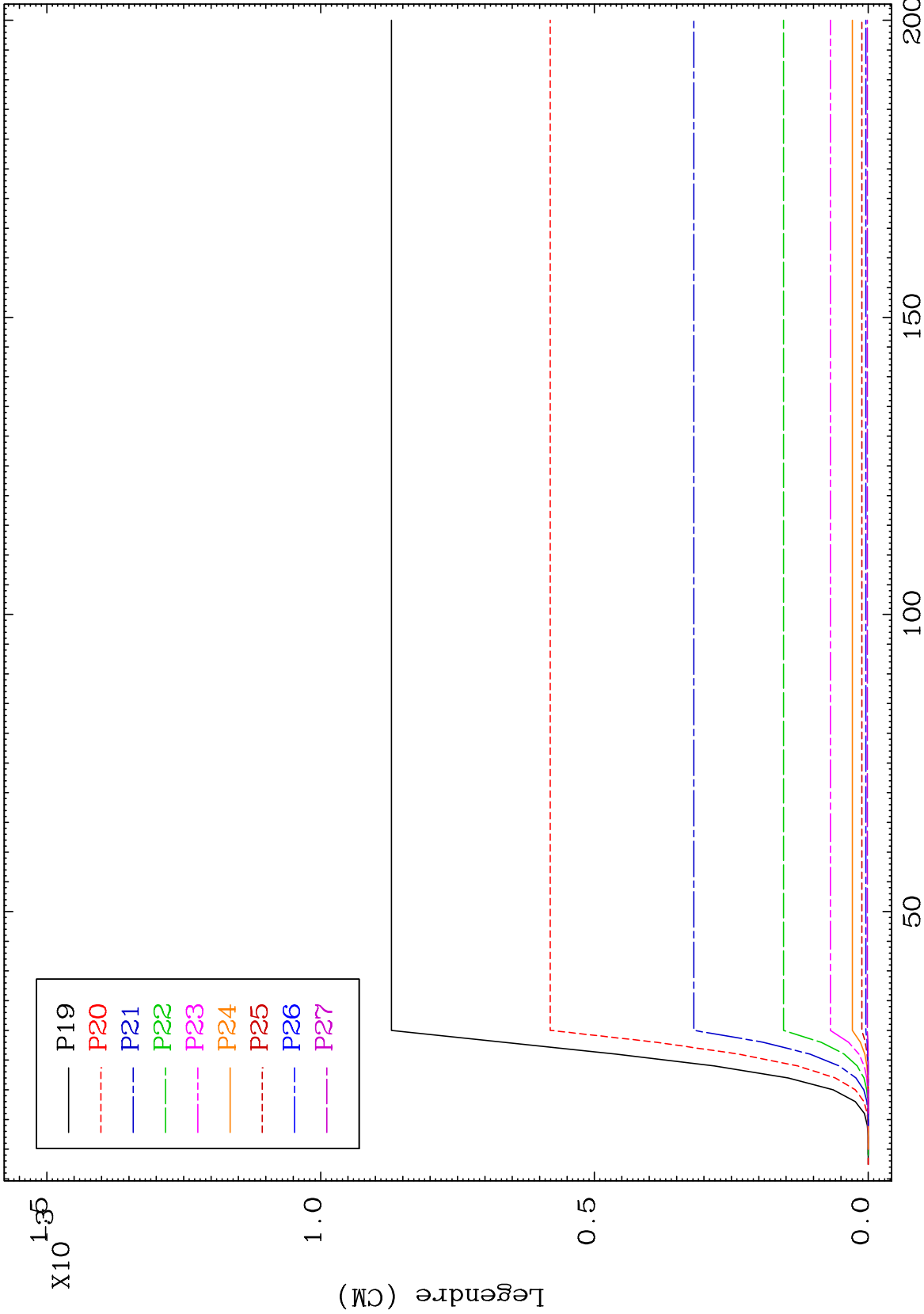
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



115

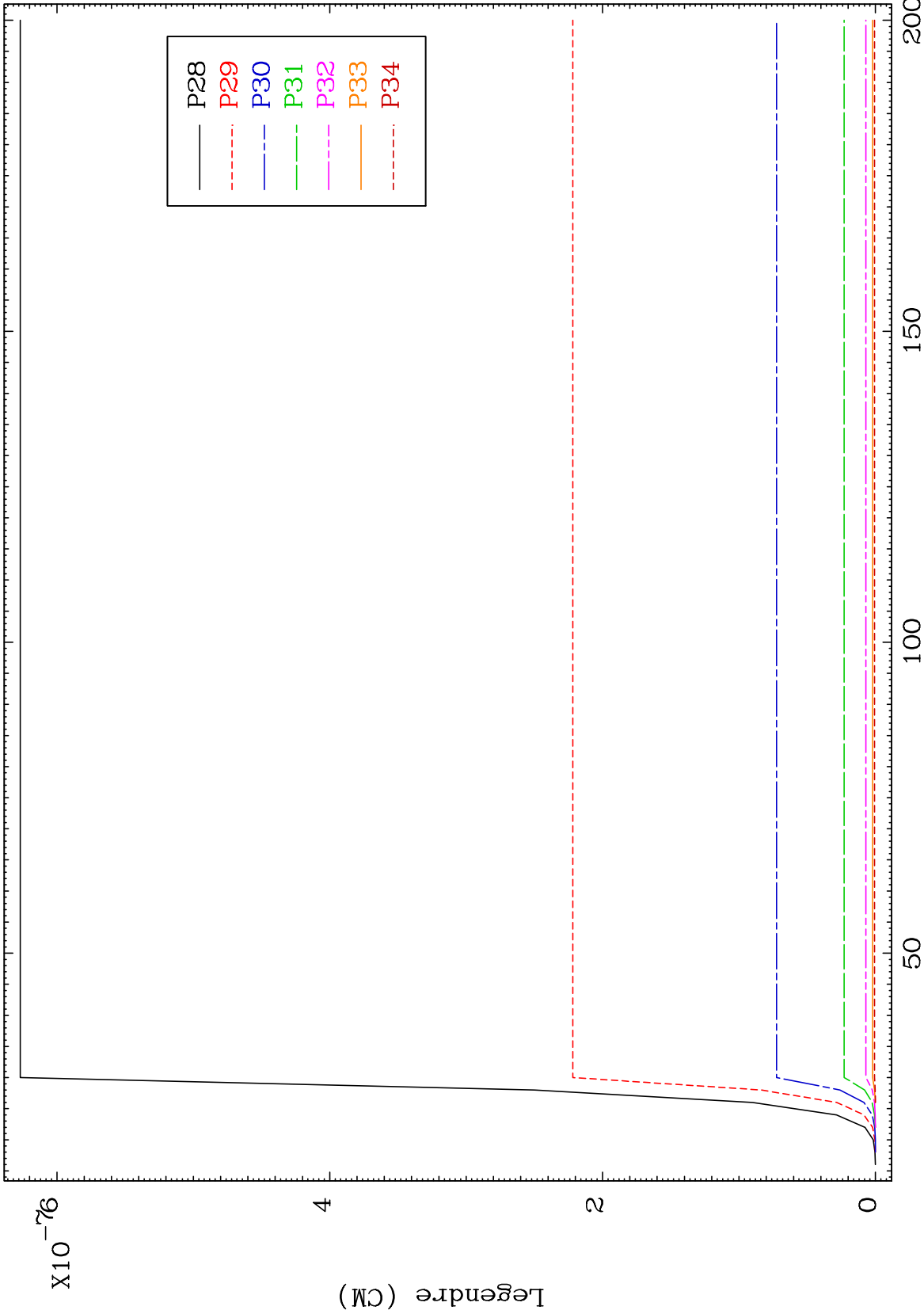
Incident Energy (MeV)

43-Tc-102

MAT 4334

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

43-Tc-102



116

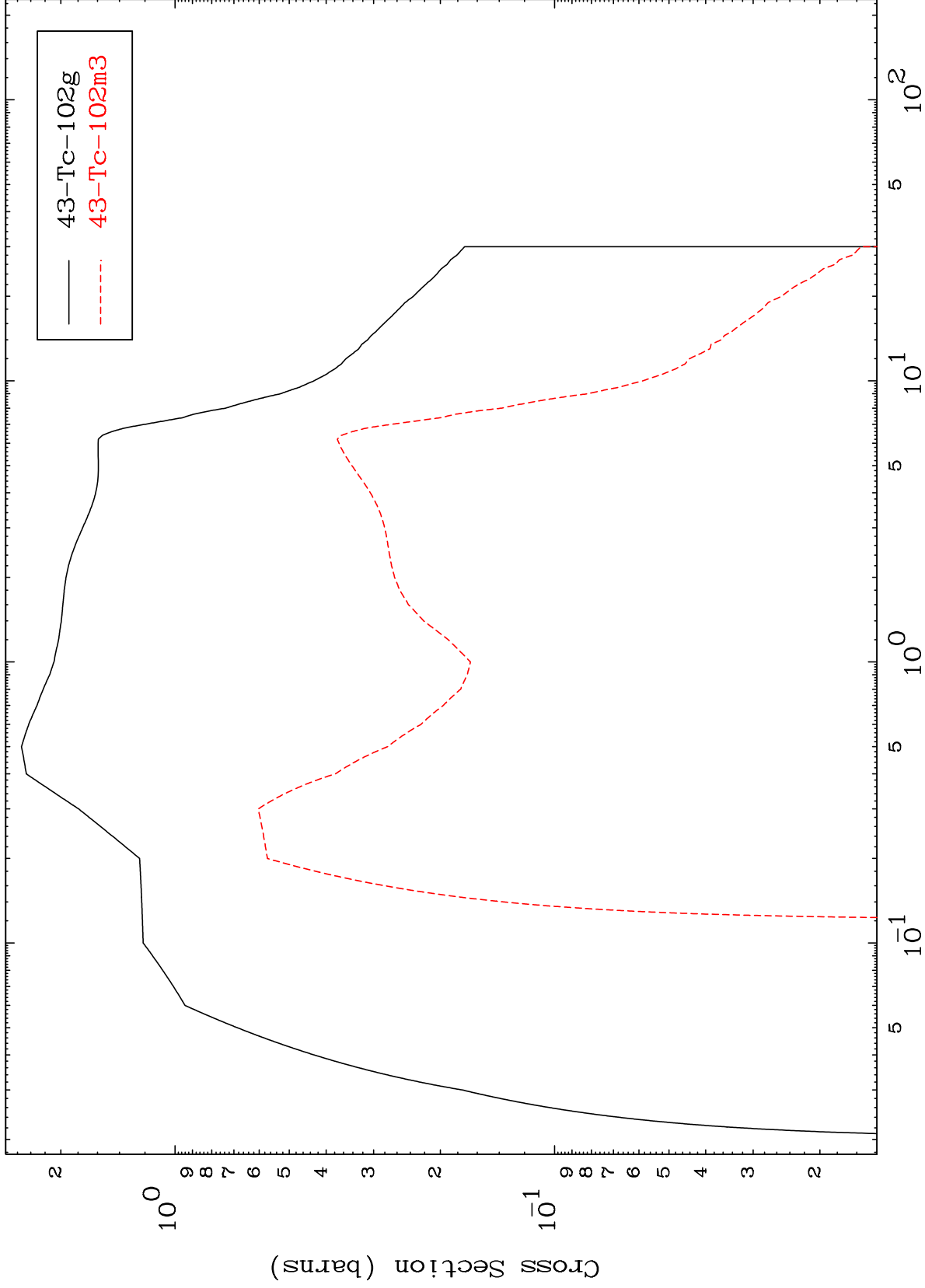
Incident Energy (MeV)

43-Tc-102

MAT 4334

# Inelastic Radionuclide Production Cross Section

43-Tc-102



117

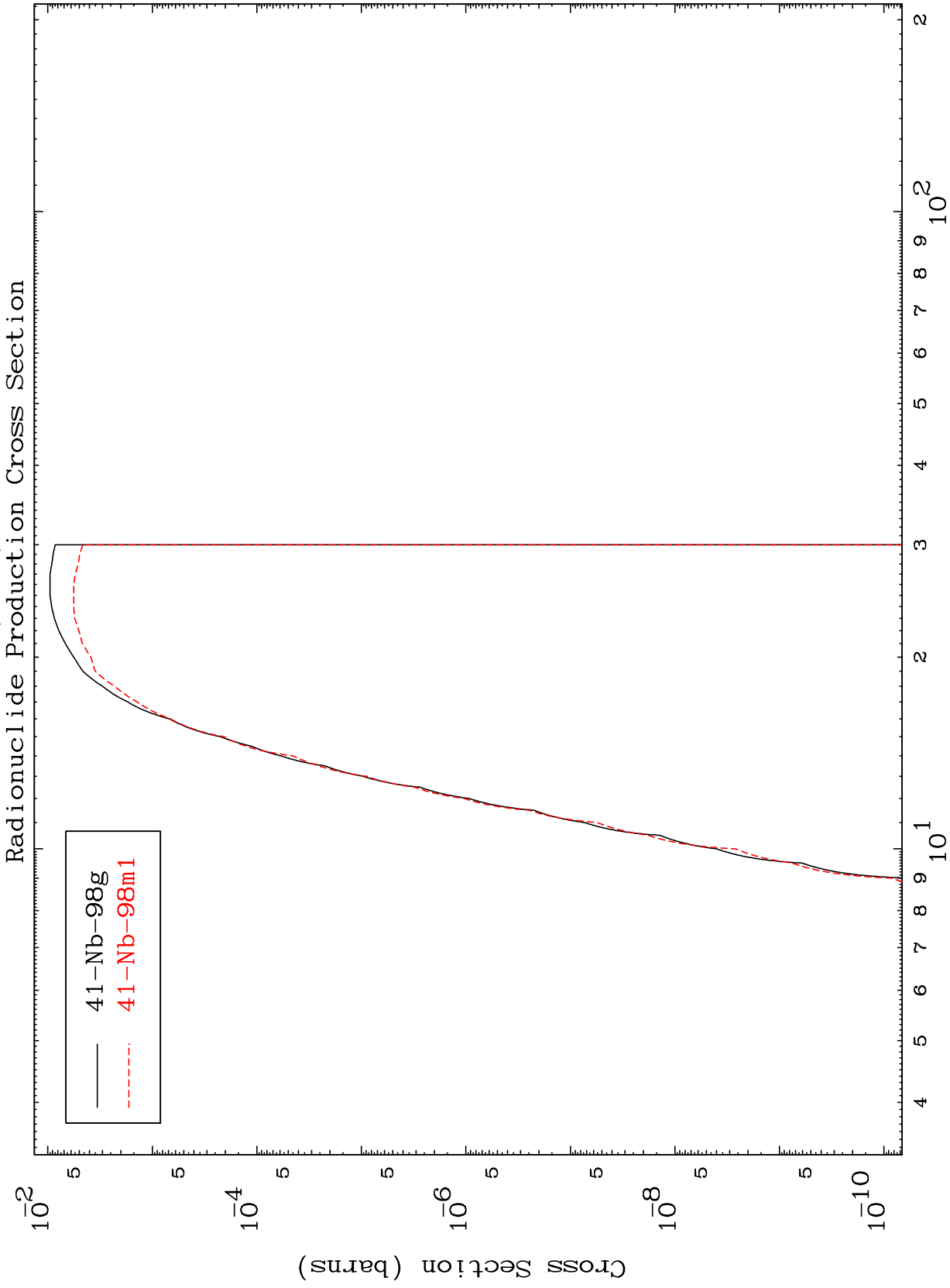
Incident Energy (MeV)

43-Tc-102

MAT 4334

(n,n')  $\alpha$

43-Tc-102



118

Incident Energy (MeV)

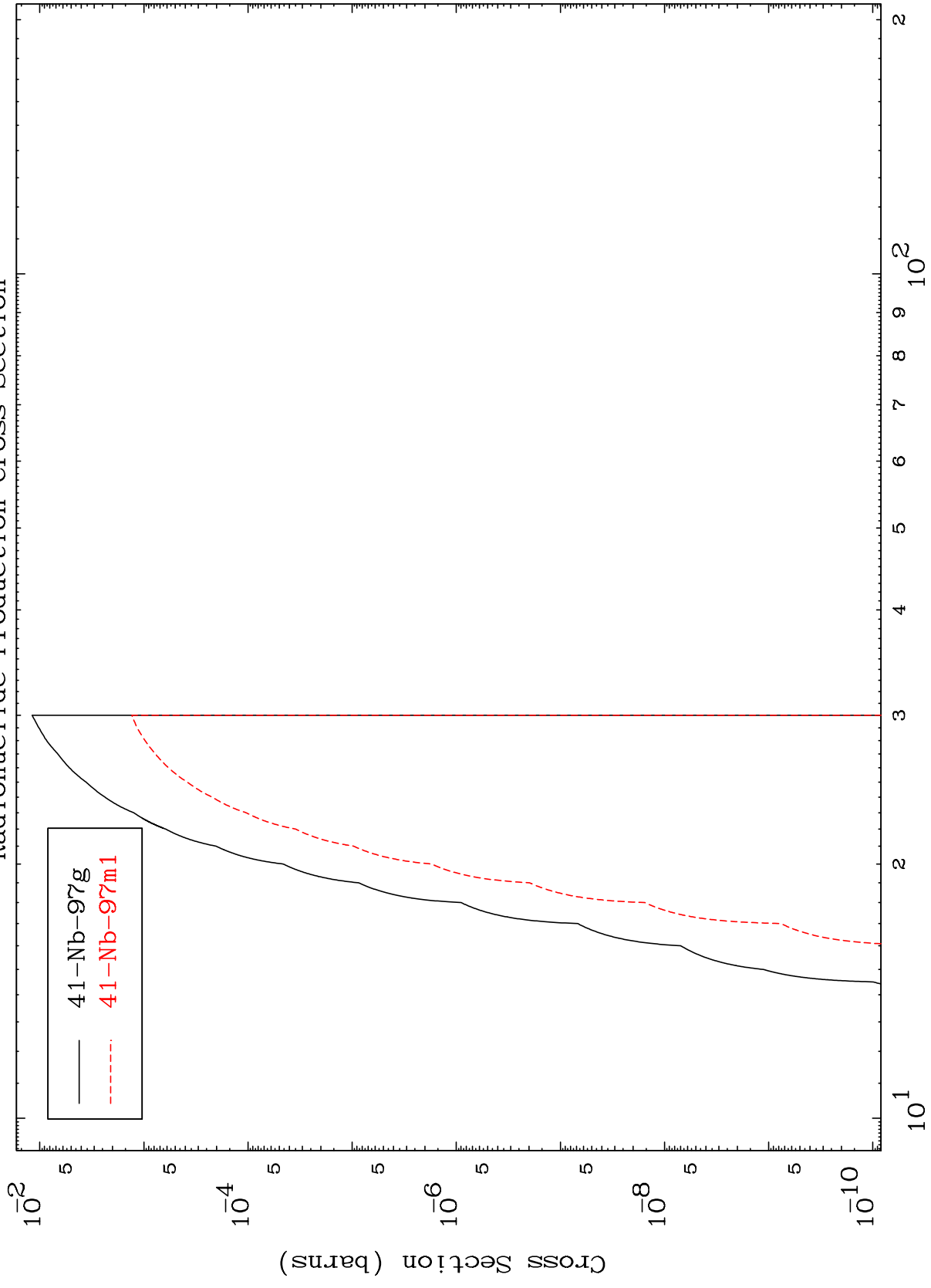
43-Tc-102

MAT 4334

(n,2n)  $\alpha$

43-Tc-102

Radionuclide Production Cross Section



119

Incident Energy (MeV)

43-Tc-102

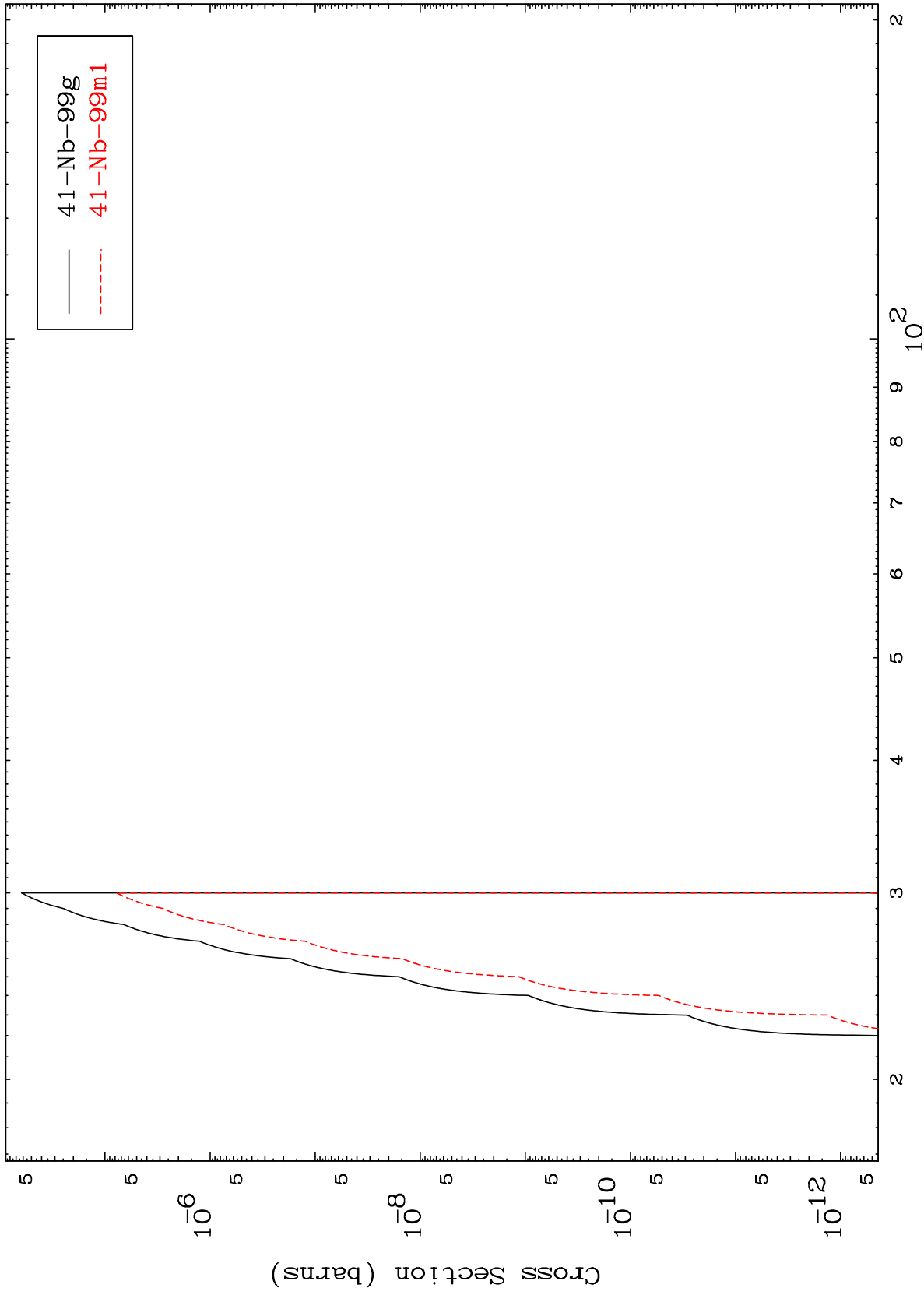


MAT 4334

(n, n') He-3

43-Tc-102

Radionuclide Production Cross Section



120

Incident Energy (MeV)

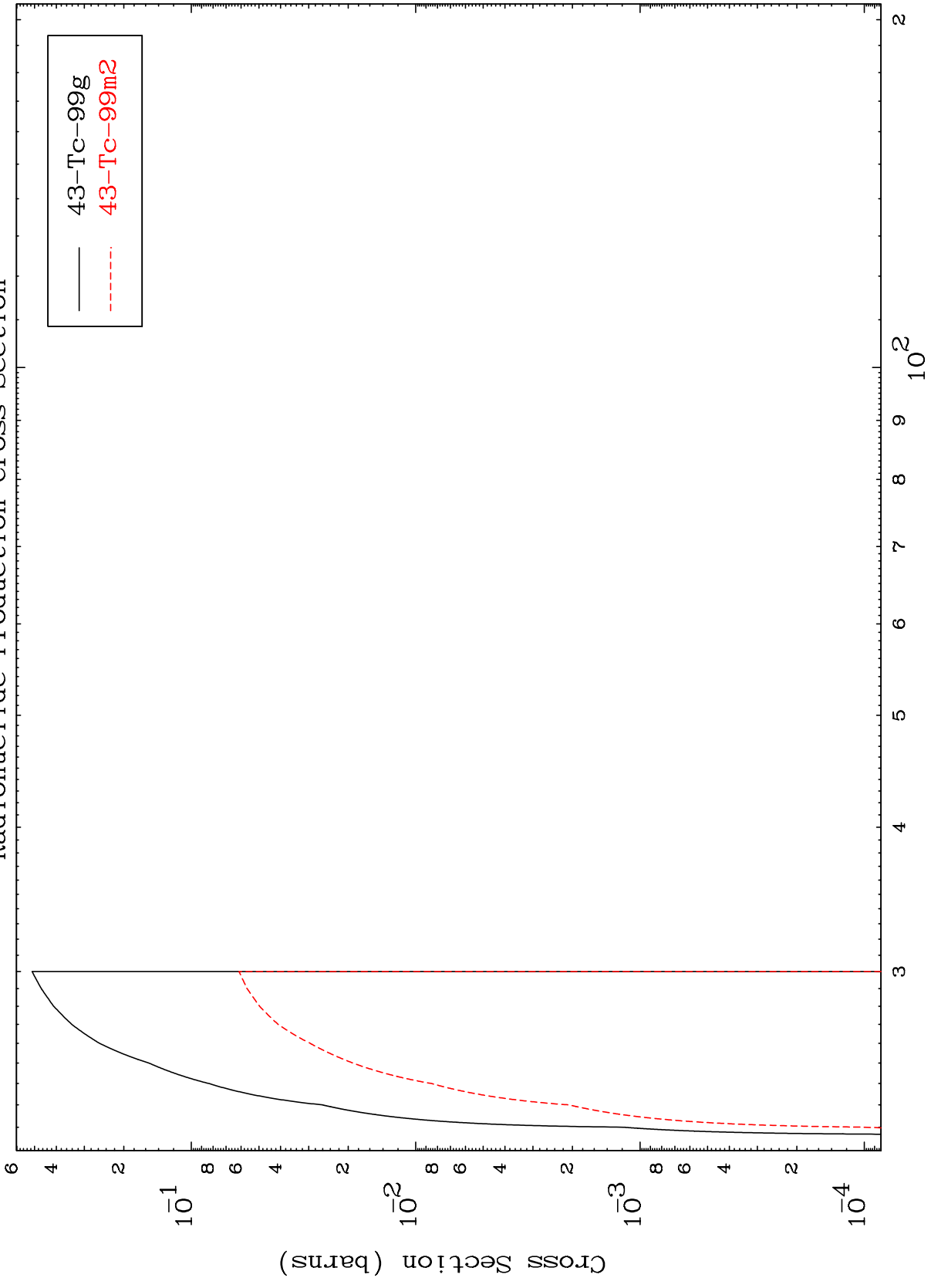
43-Tc-102

MAT 4334

(n,4n)

43-Tc-102

Radionuclide Production Cross Section



121

Incident Energy (MeV)

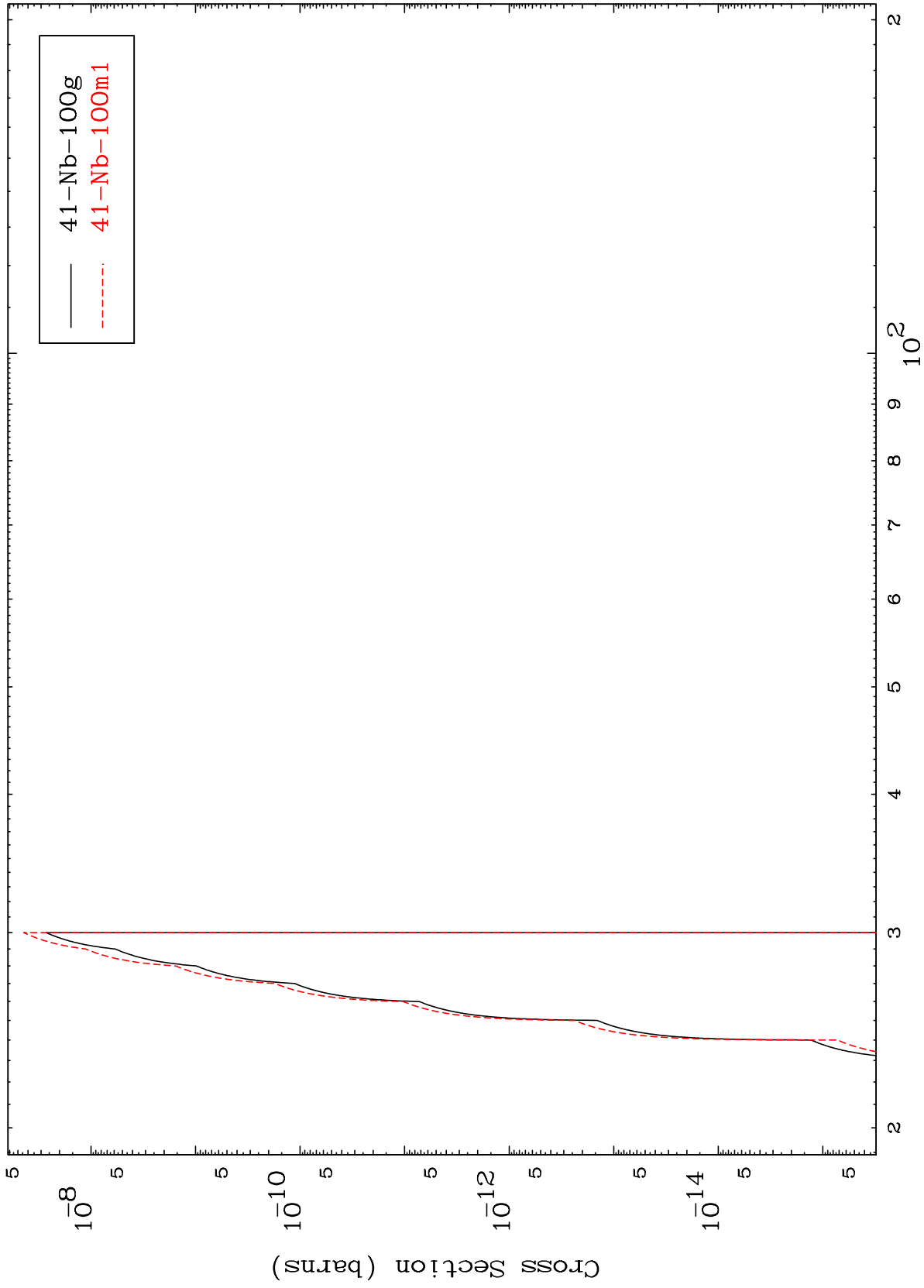
43-Tc-102

MAT 4334

(n,2n) p

43-Tc-102

Radionuclide Production Cross Section



122

Incident Energy (MeV)

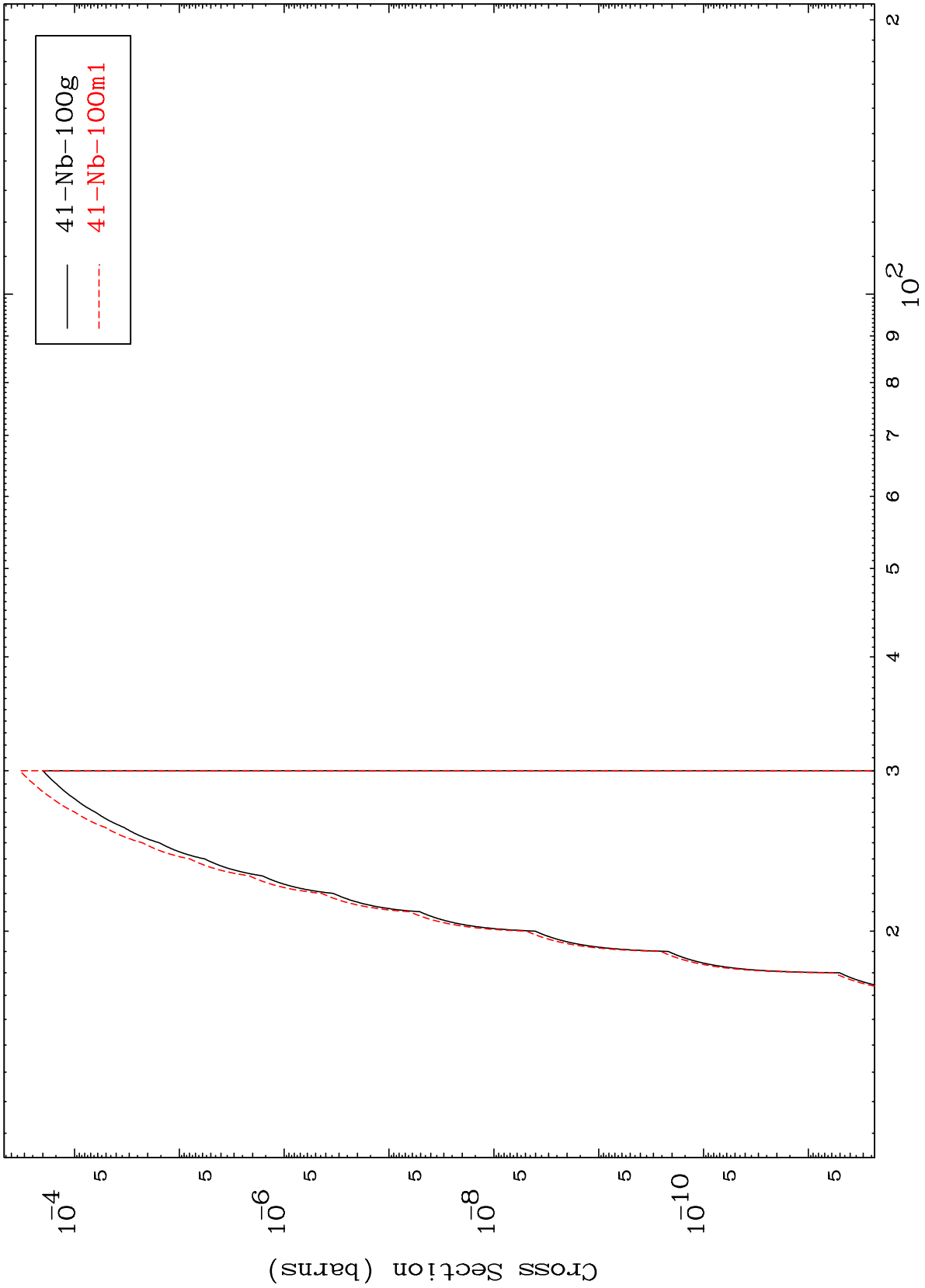
43-Tc-102

MAT 4334

(n, He-3)

43-Tc-102

Radionuclide Production Cross Section



41-Nb-100g  
41-Nb-100m1

123

Incident Energy (MeV)

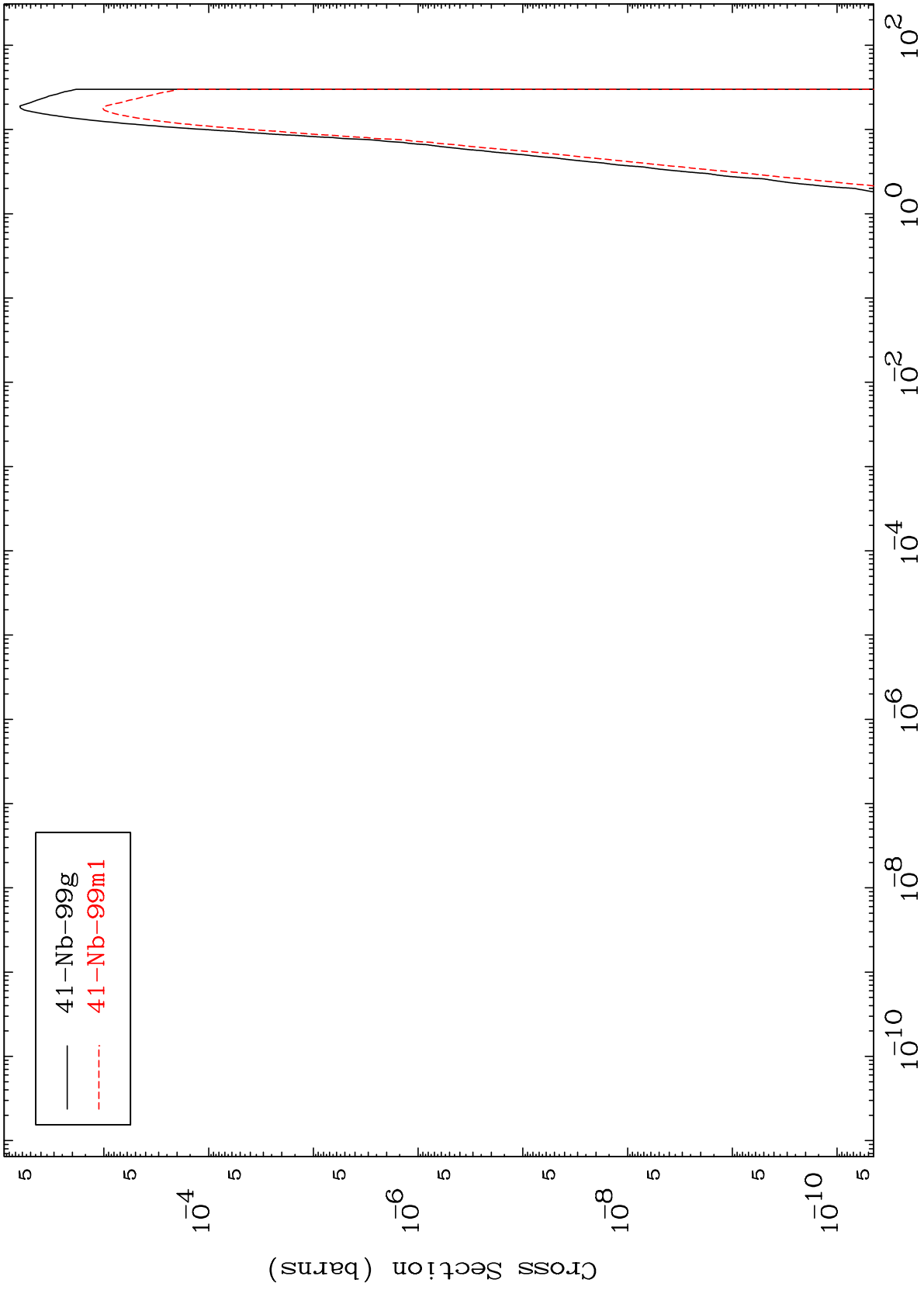
43-Tc-102

MAT 4334

(n,  $\alpha$ )

43-Tc-102

Radionuclide Production Cross Section



124

Incident Energy (MeV)

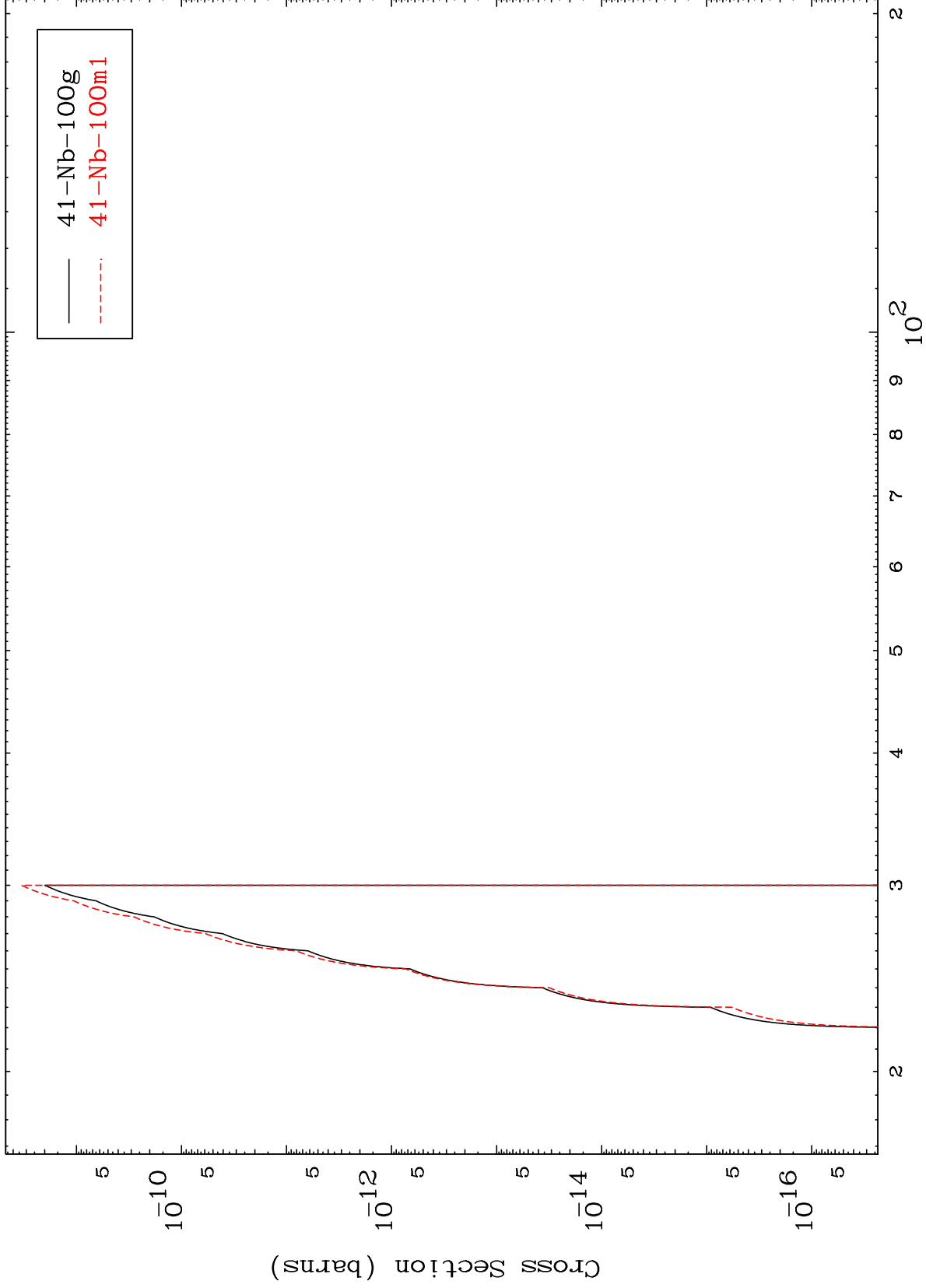
43-Tc-102

MAT 4334

(n,p) d

43-Tc-102

Radionuclide Production Cross Section



125

Incident Energy (MeV)

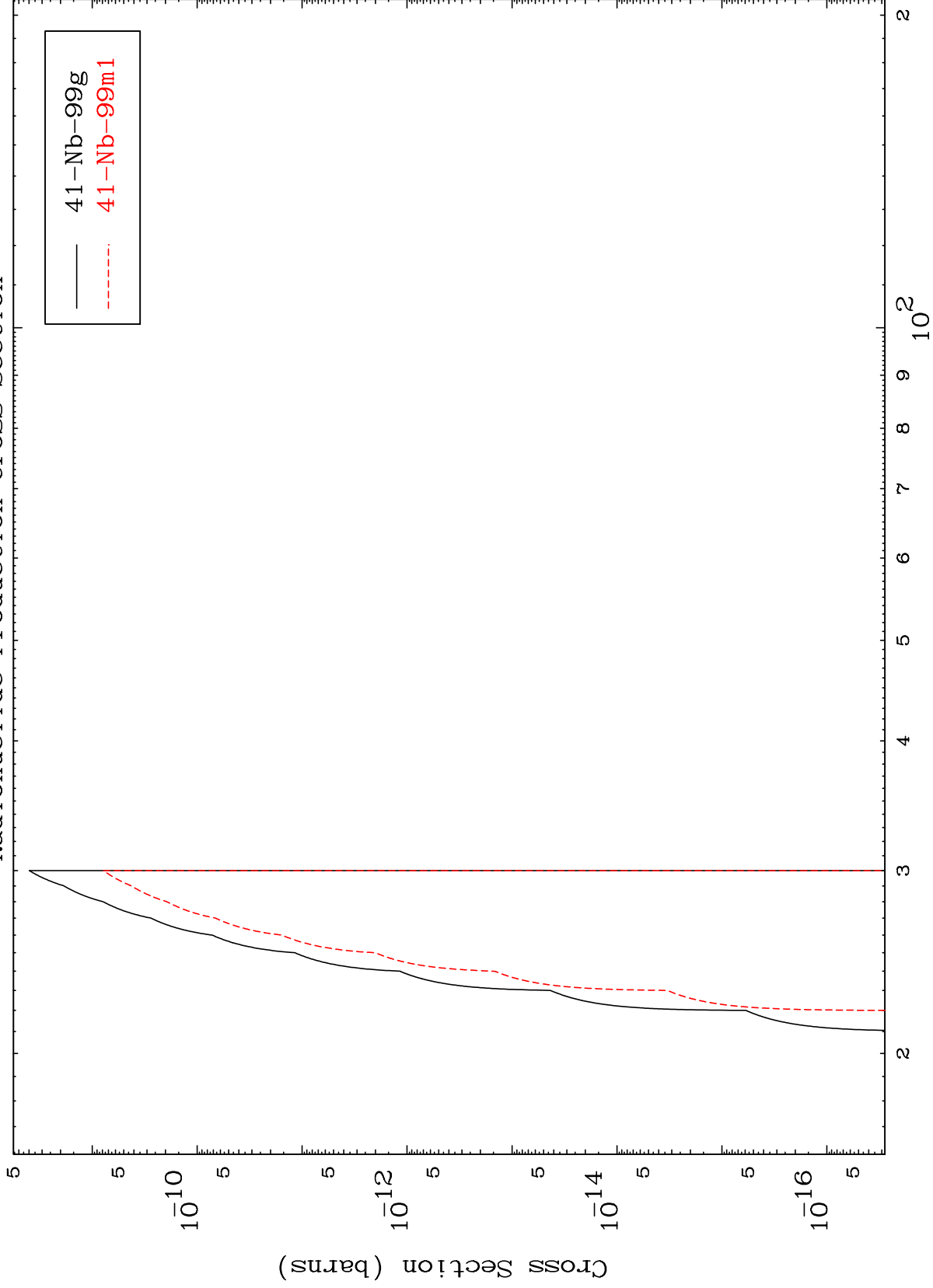
43-Tc-102

MAT 4334

(n,p) t

43-Tc-102

Radionuclide Production Cross Section



126

Incident Energy (MeV)

43-Tc-102