

Program EVALPLOT
(Version 2018-1)

by

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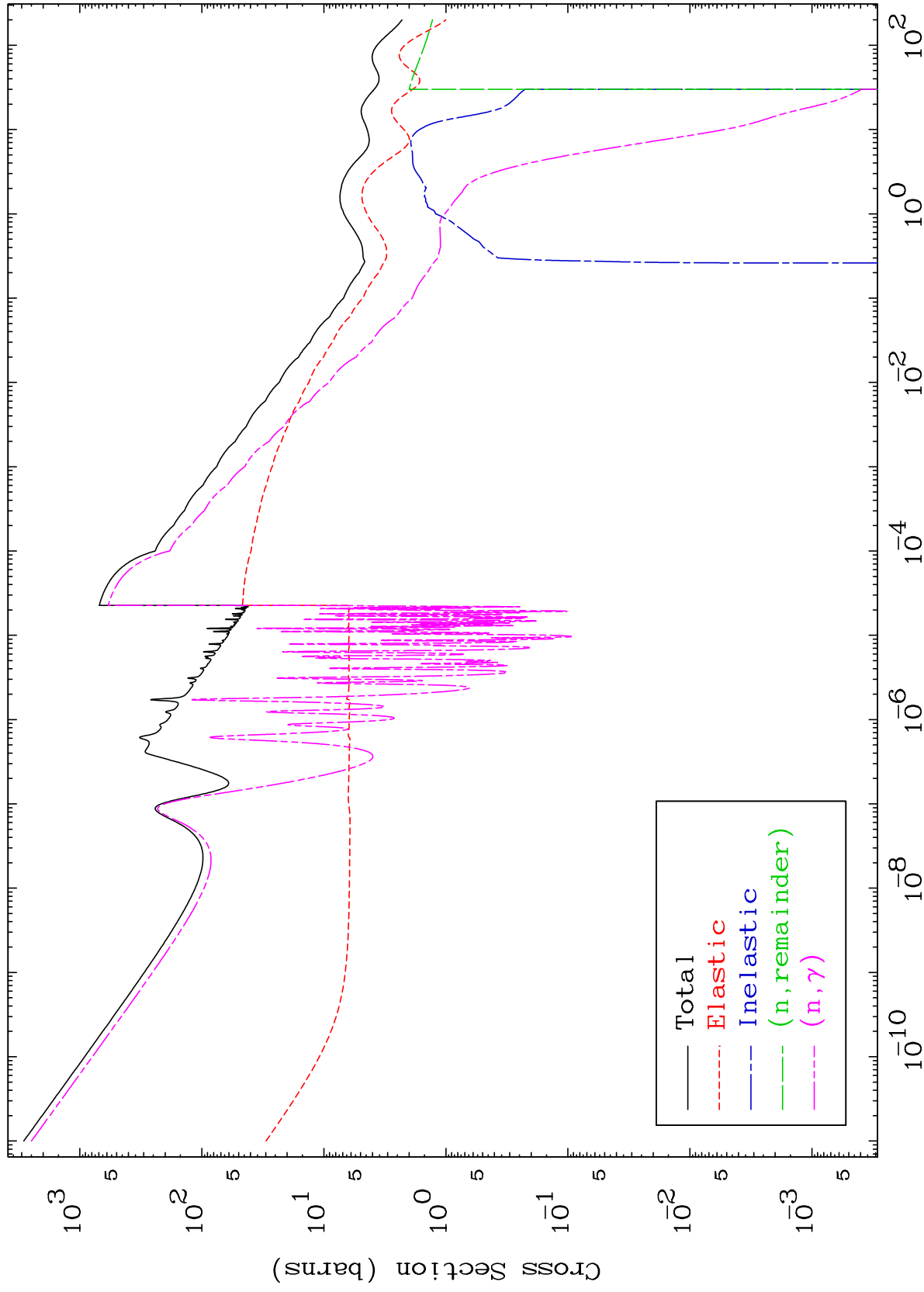
Press Mouse Button to Start

MAT 6301

Major

293 Kelvin Cross Sections

63-Eu-143



1

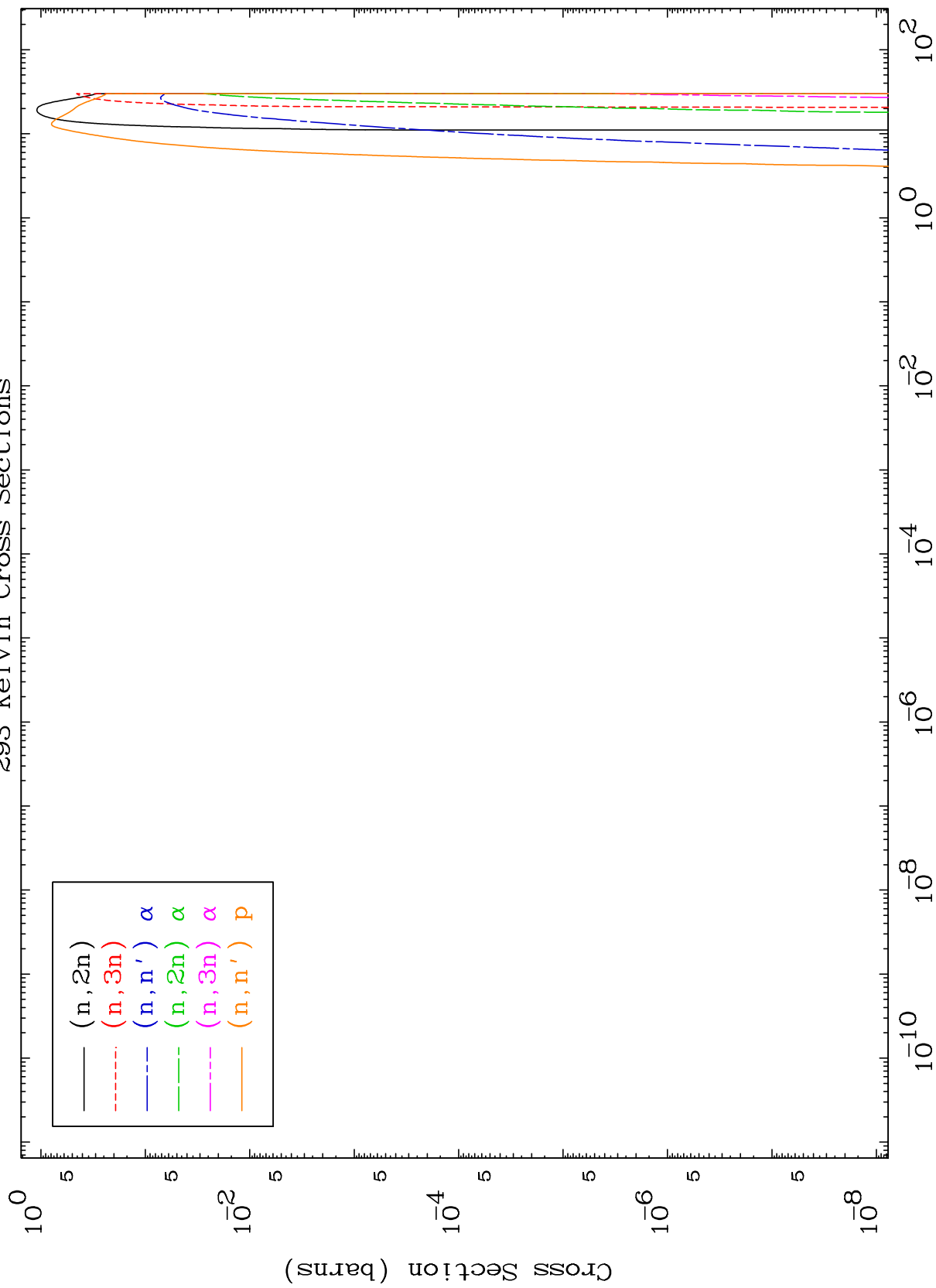
Incident Energy (MeV)

63-Eu-143

MAT 6301

Neutron Production
293 Kelvin Cross Sections

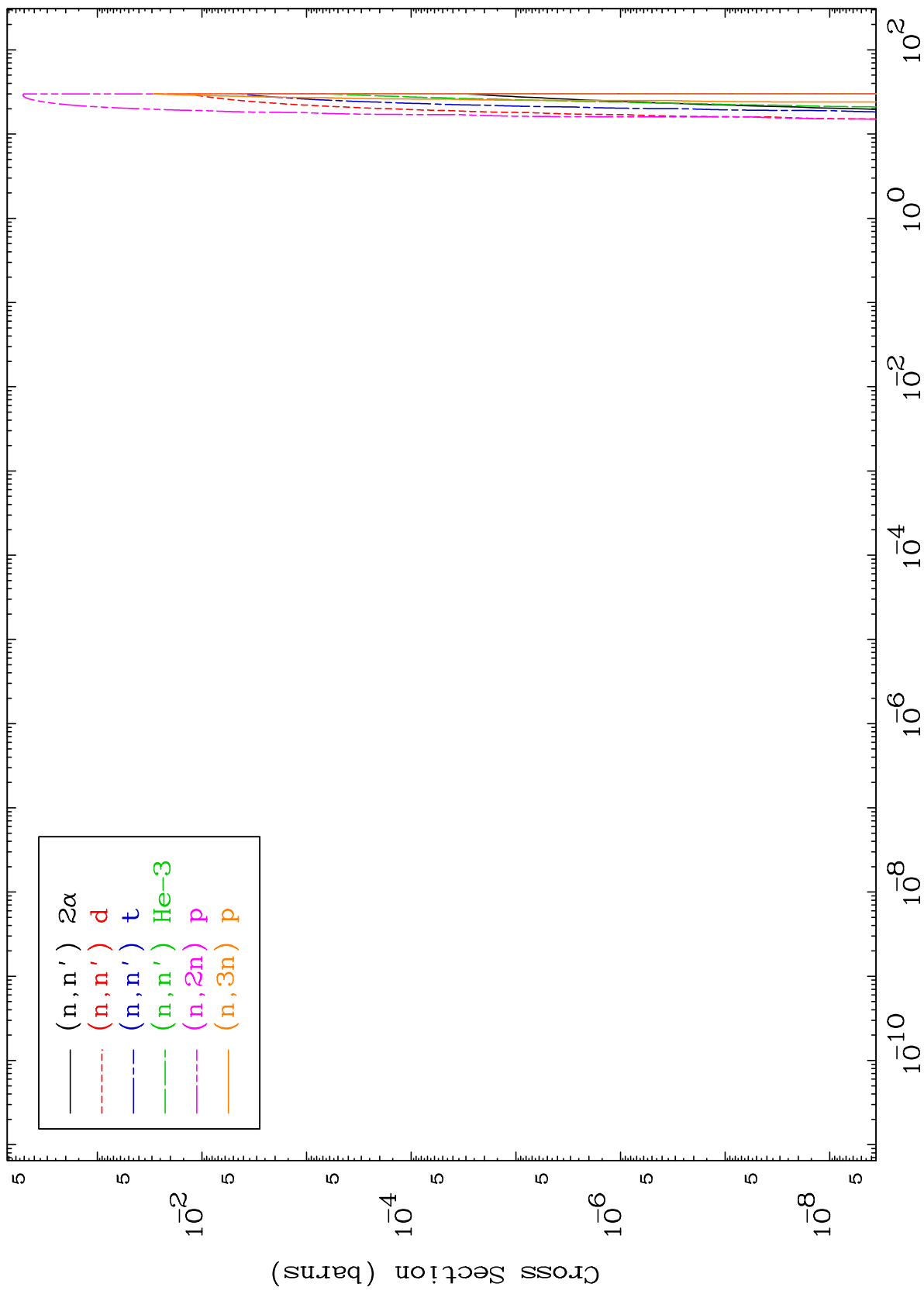
63-Eu-143

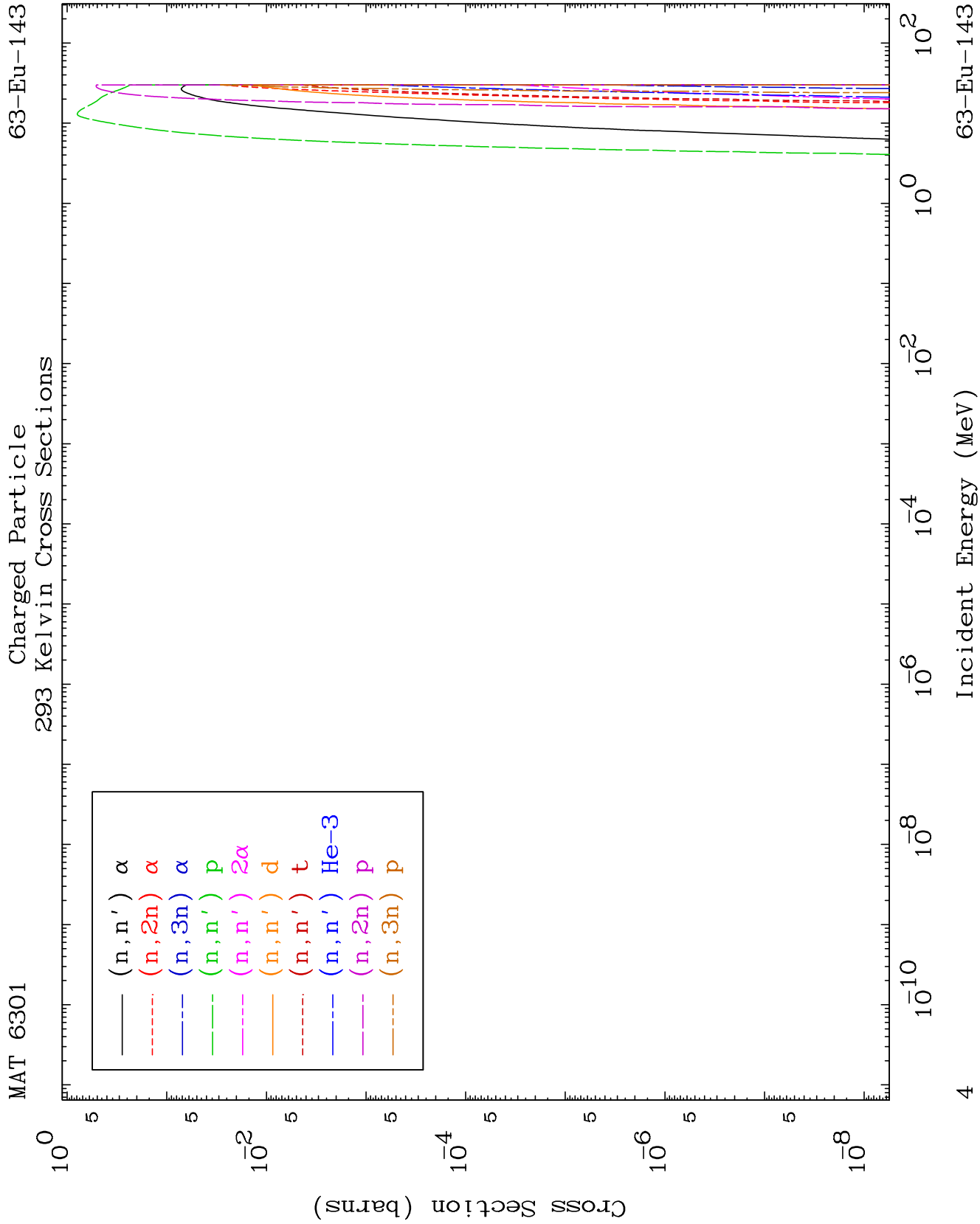


MAT 6301

Neutron Production
293 Kelvin Cross Sections

63-Eu-143

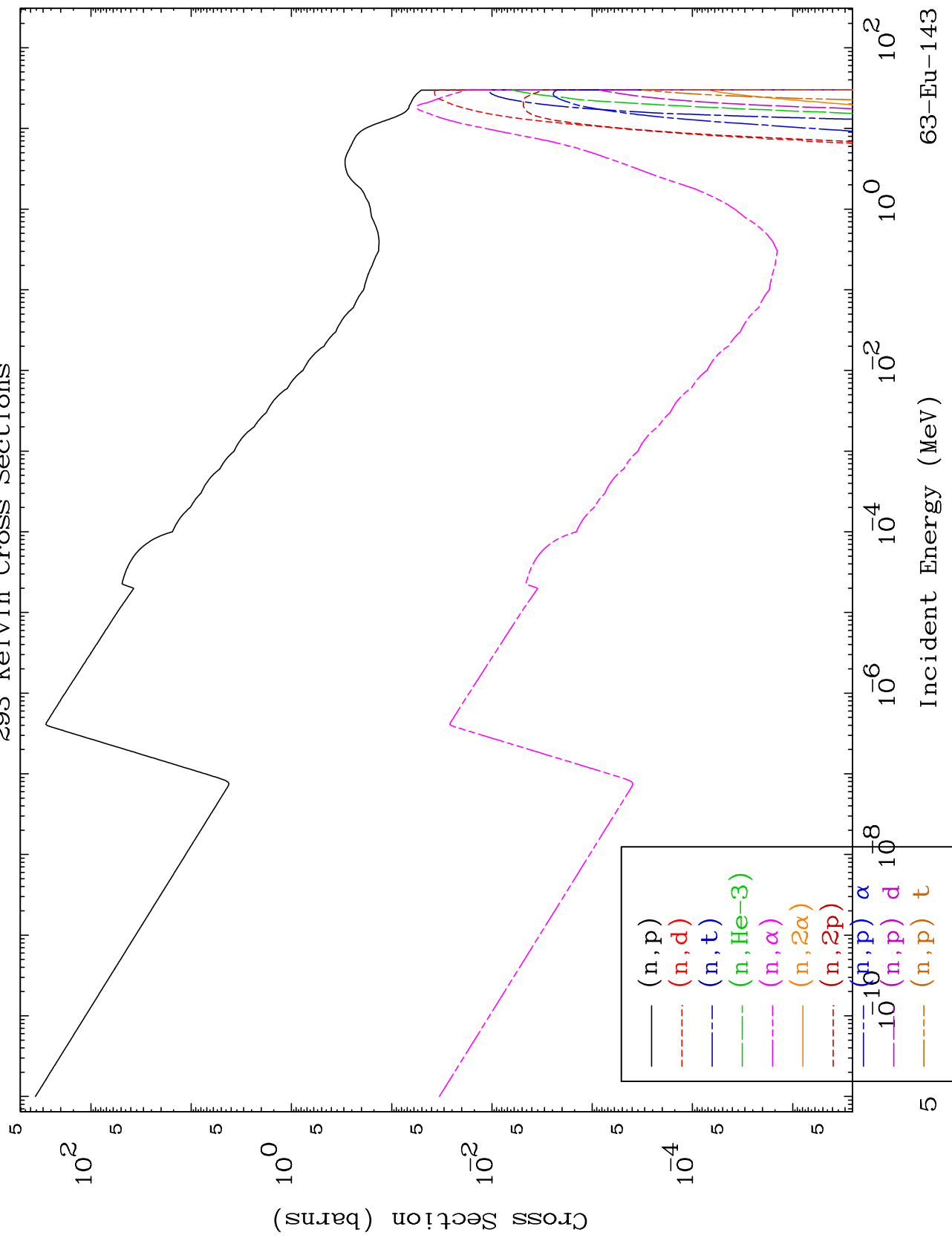




MAT 6301

Charged Particle
293 Kelvin Cross Sections

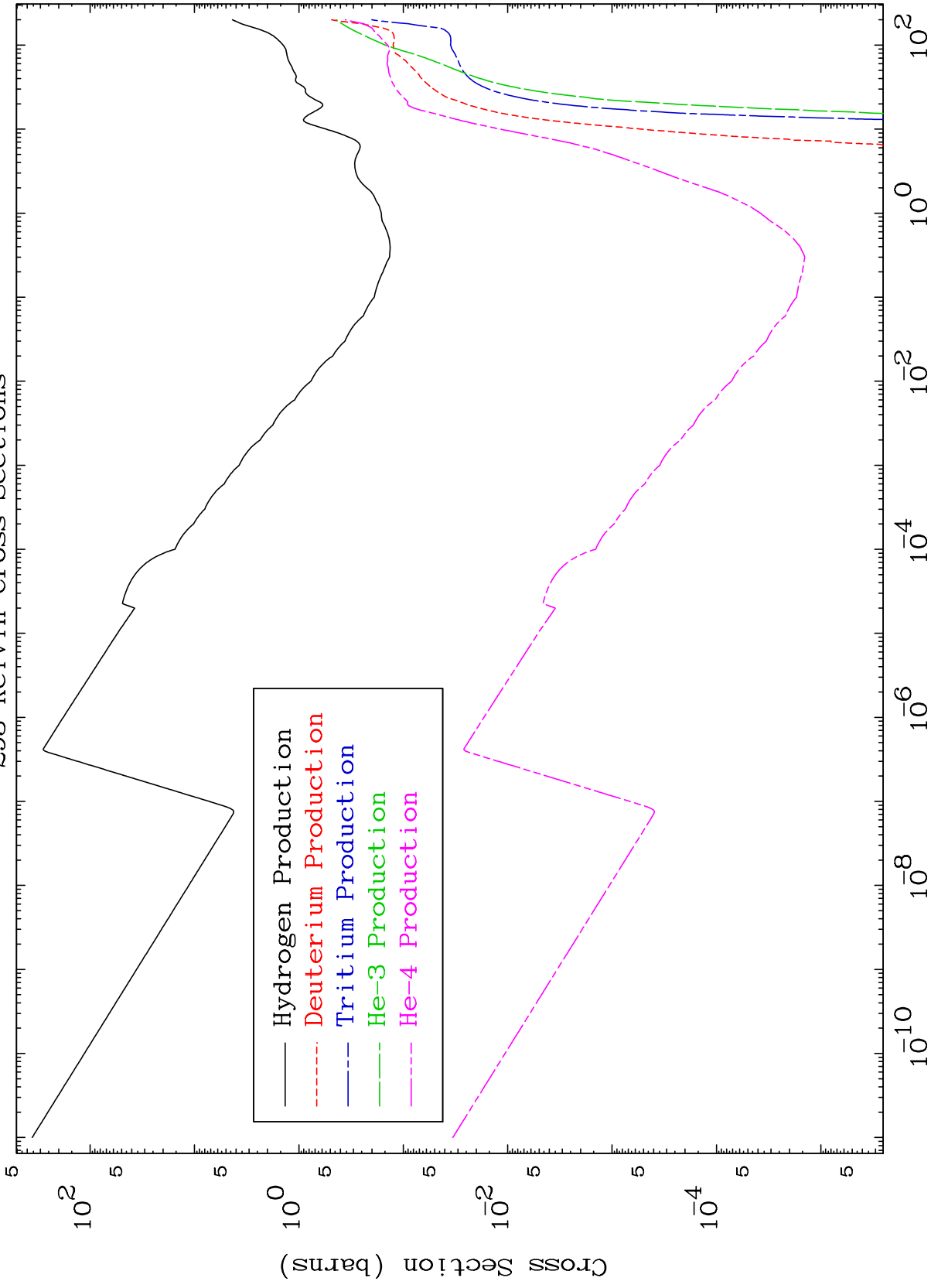
63-Eu-143



MAT 6301

Particle Production
293 Kelvin Cross Sections

63-Eu-143

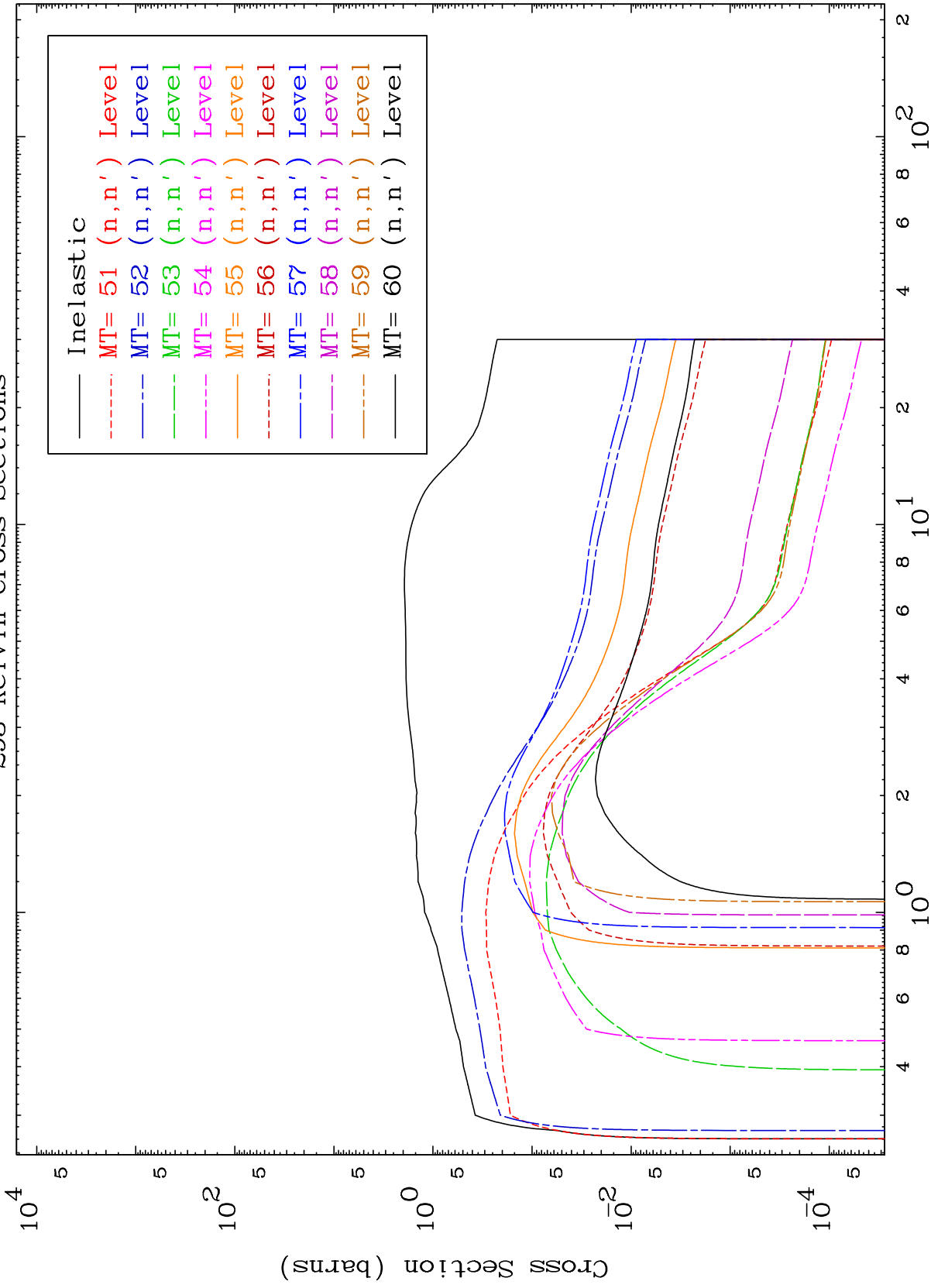


6

Incident Energy (MeV)

63-Eu-143

293 Kelvin Cross Sections

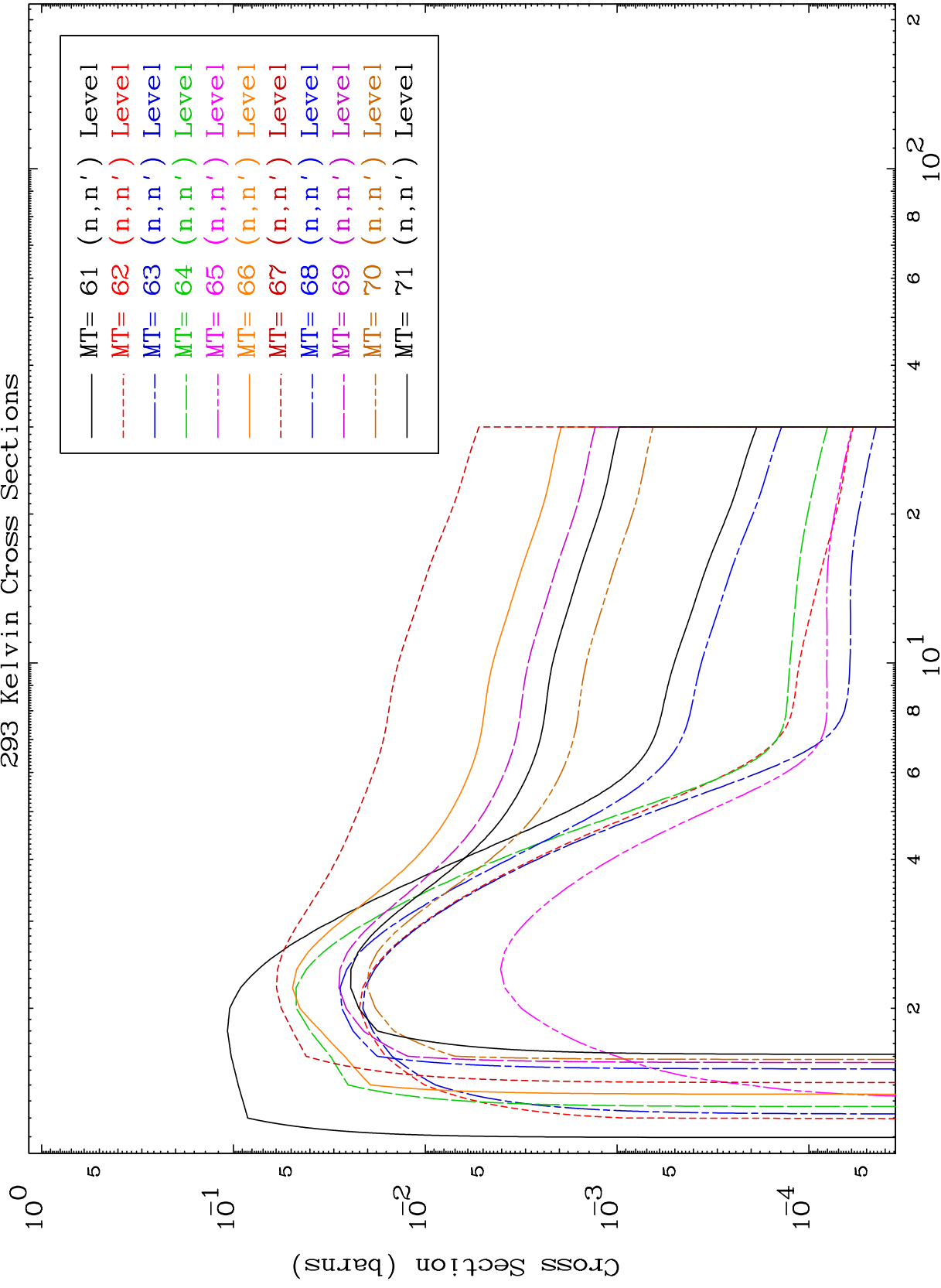


MAT 6301

(n,n') Level

293 Kelvin Cross Sections

63-Eu-143

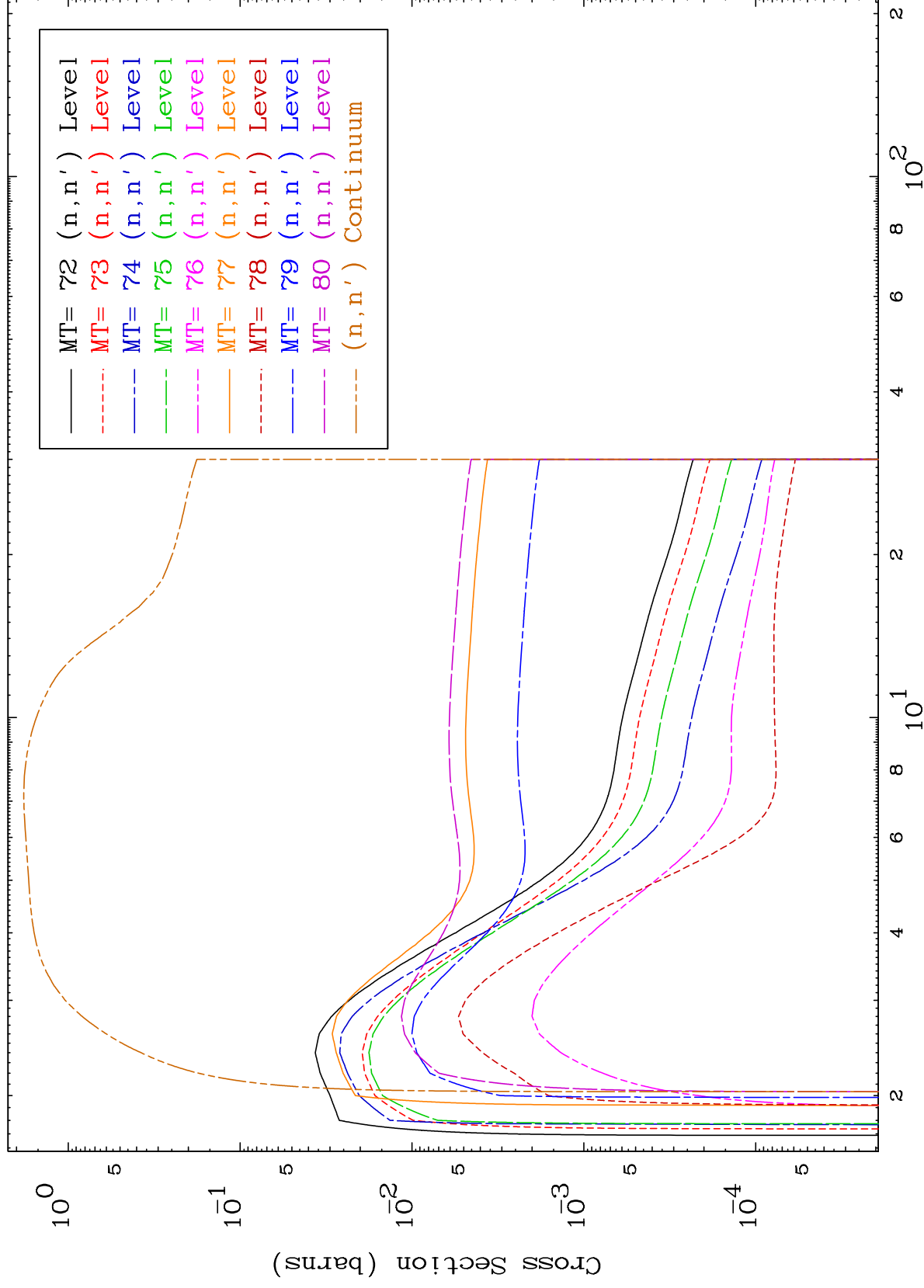


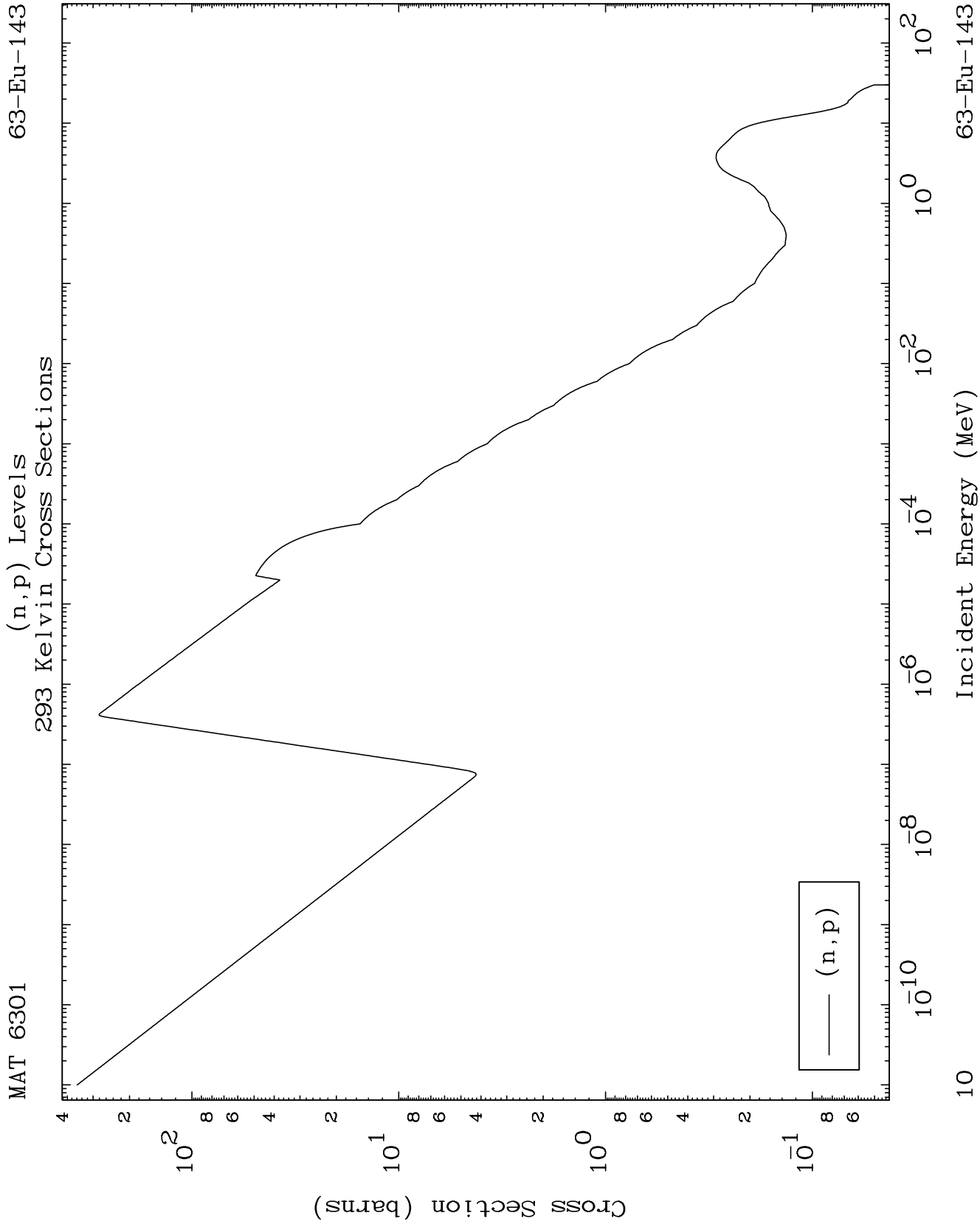
8

Incident Energy (MeV)

63-Eu-143

293 Kelvin Cross Sections



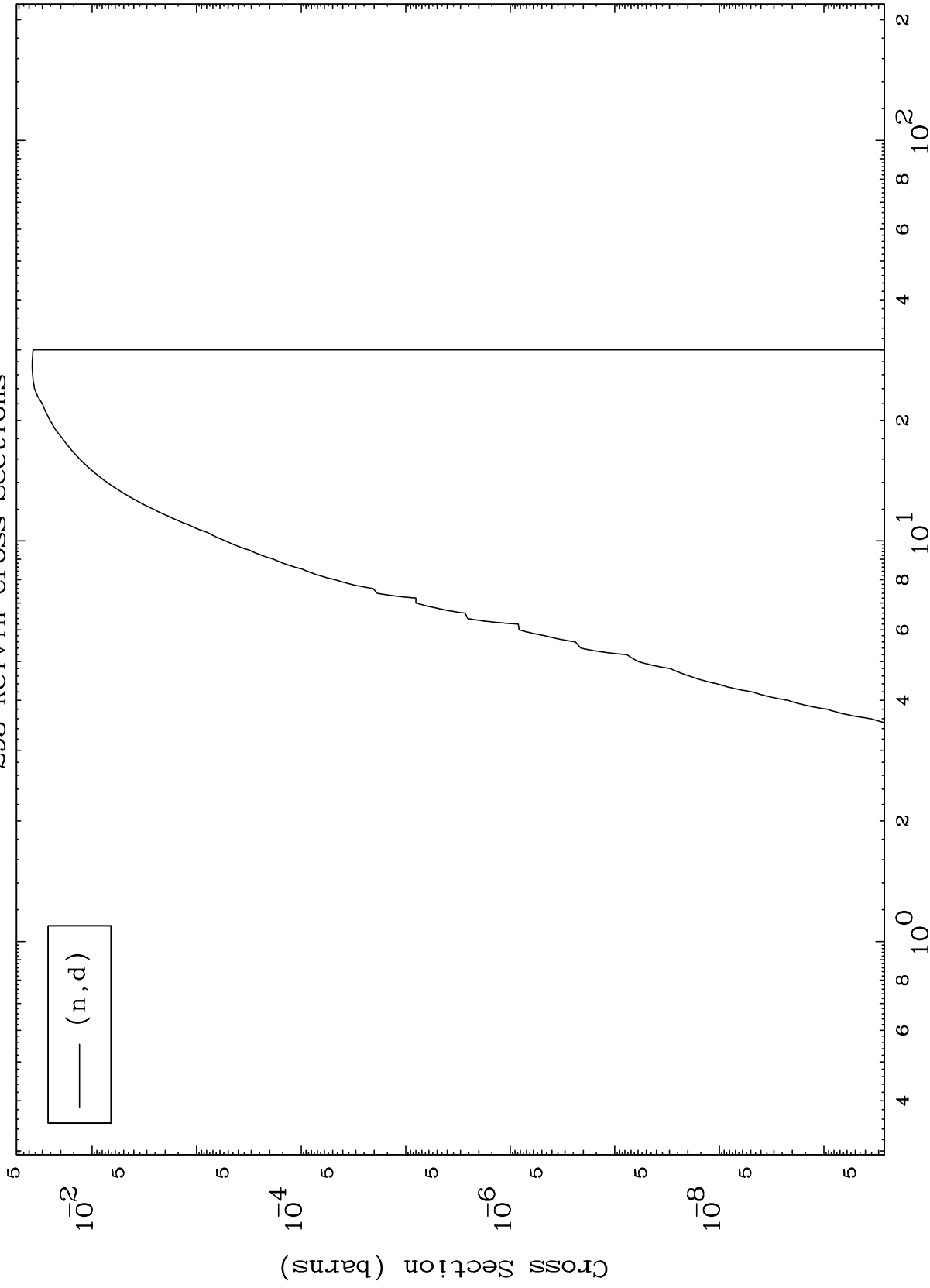


MAT 6301

(n,d) Levels

63-Eu-143

293 Kelvin Cross Sections



11

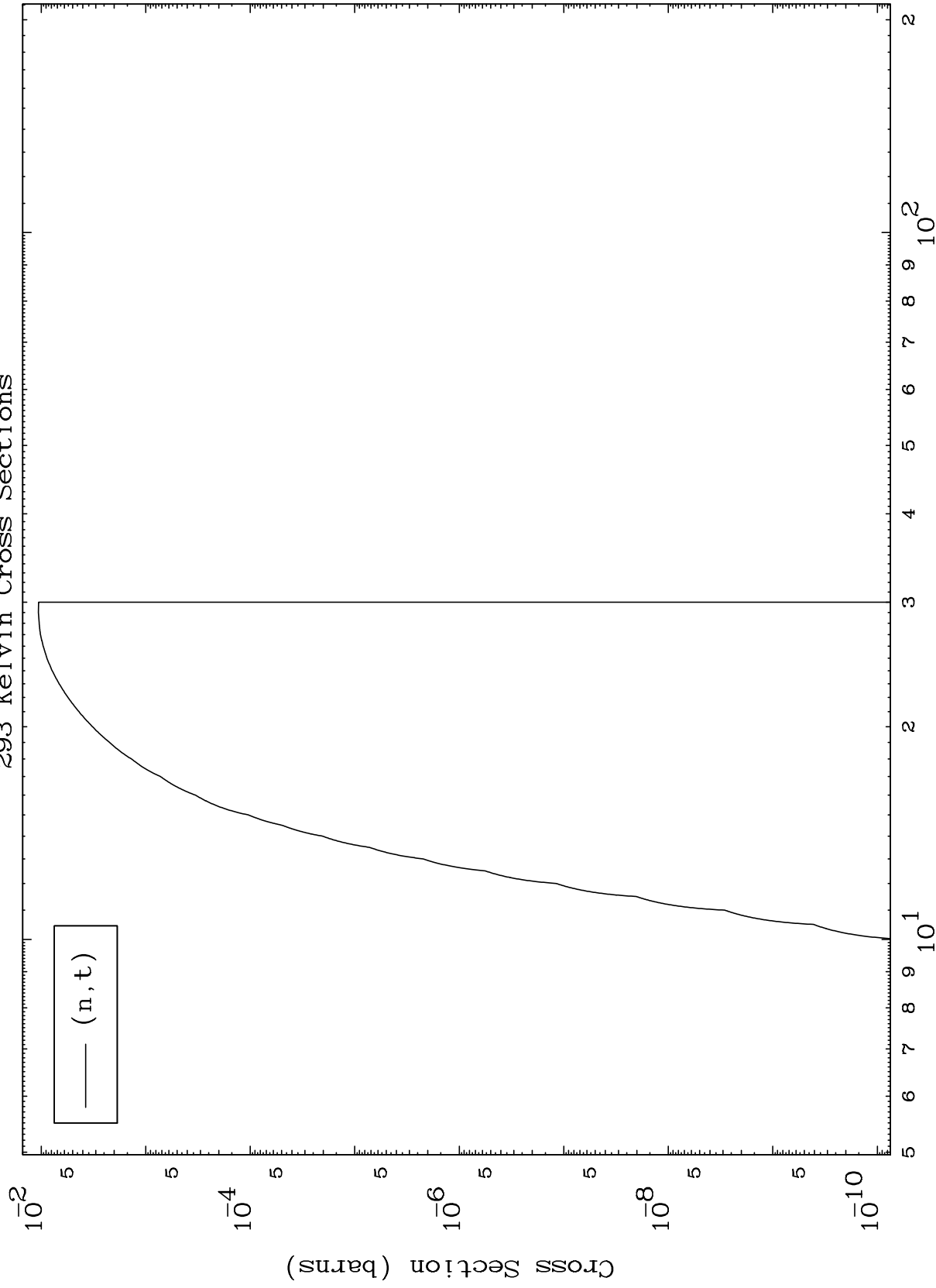
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

(n,t) Levels
293 Kelvin Cross Sections



12

Incident Energy (MeV)

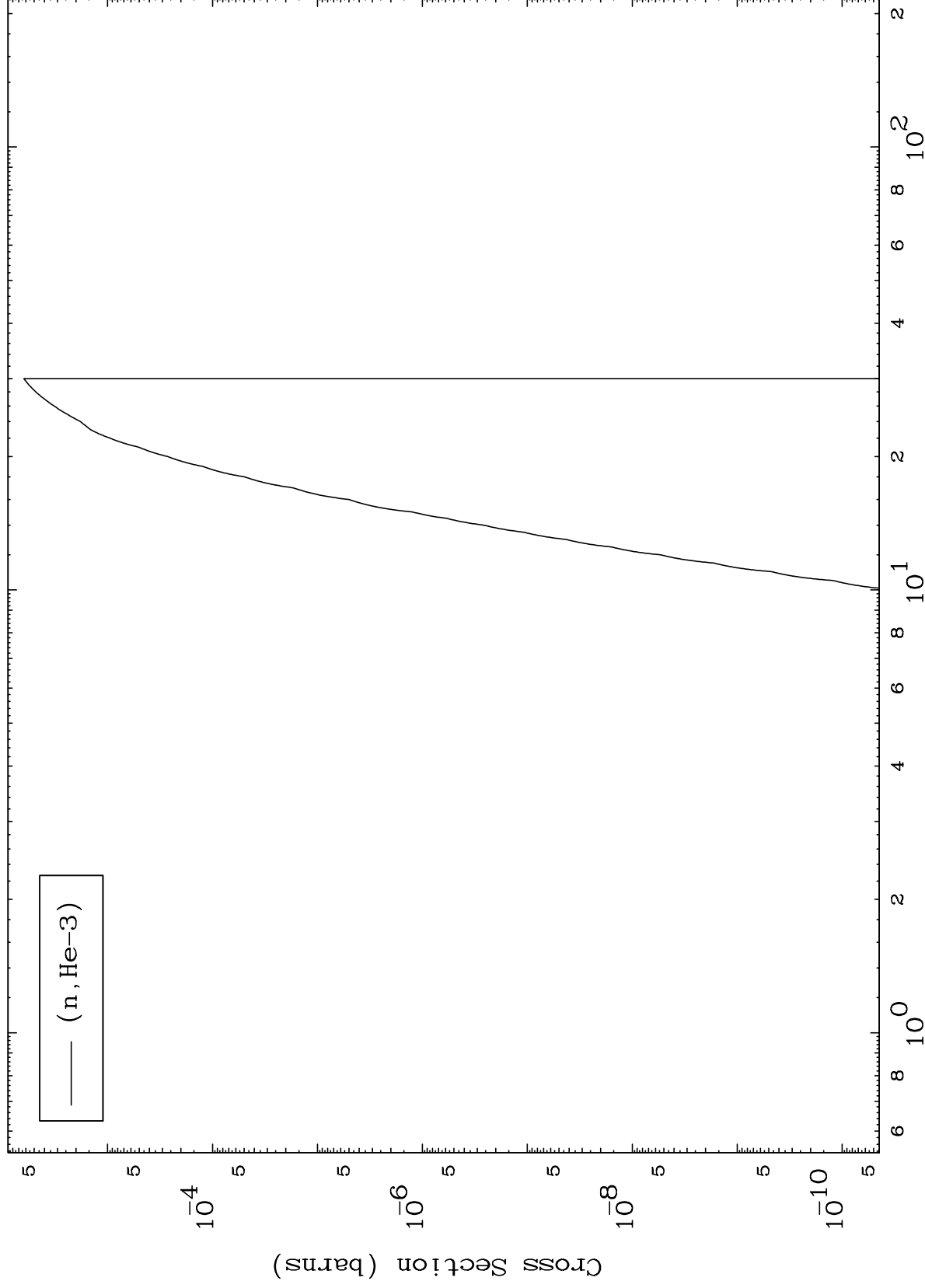
63-Eu-143

MAT 6301

(n,He3) Levels

63-Eu-143

293 Kelvin Cross Sections



13

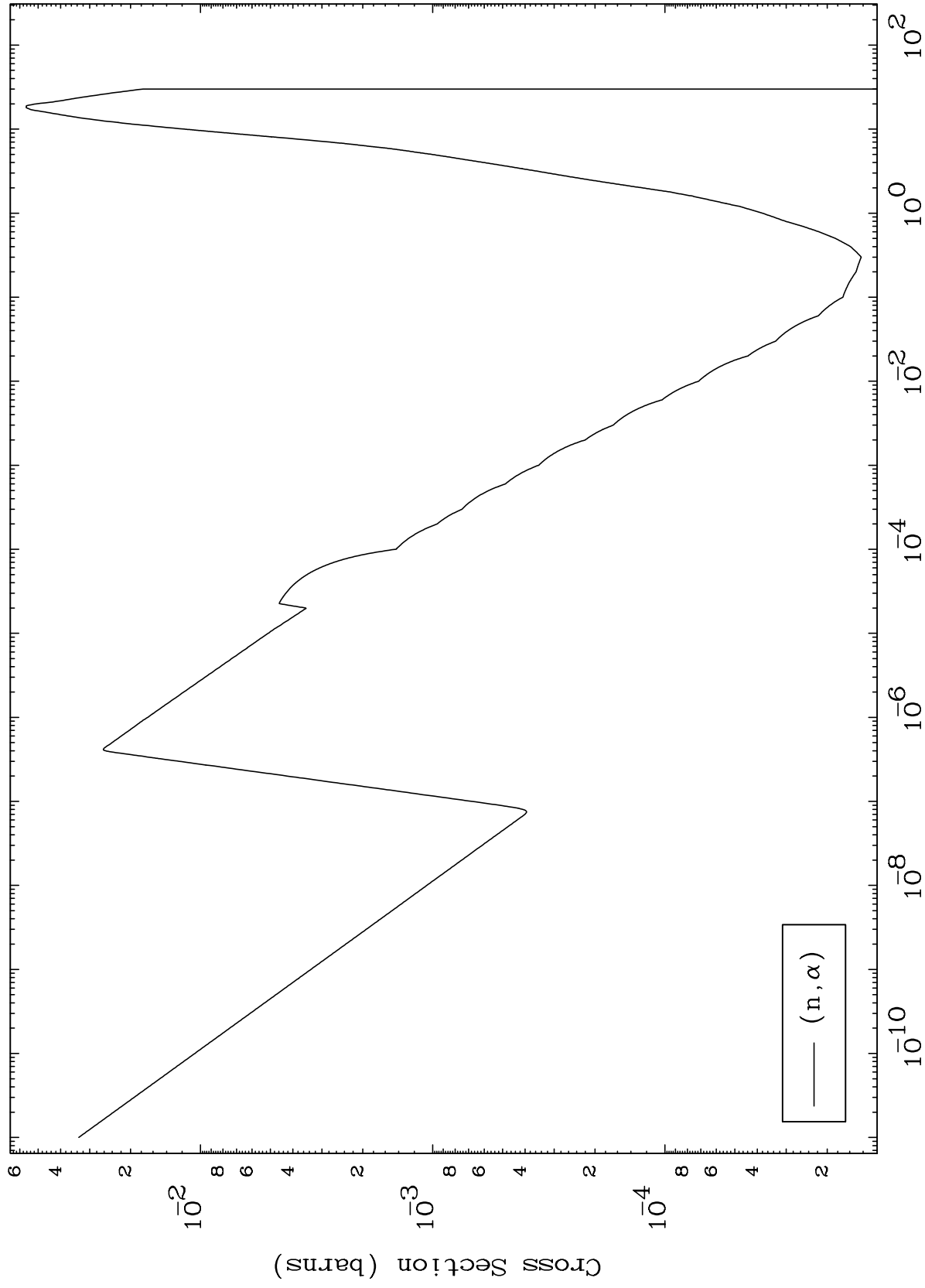
Incident Energy (MeV)

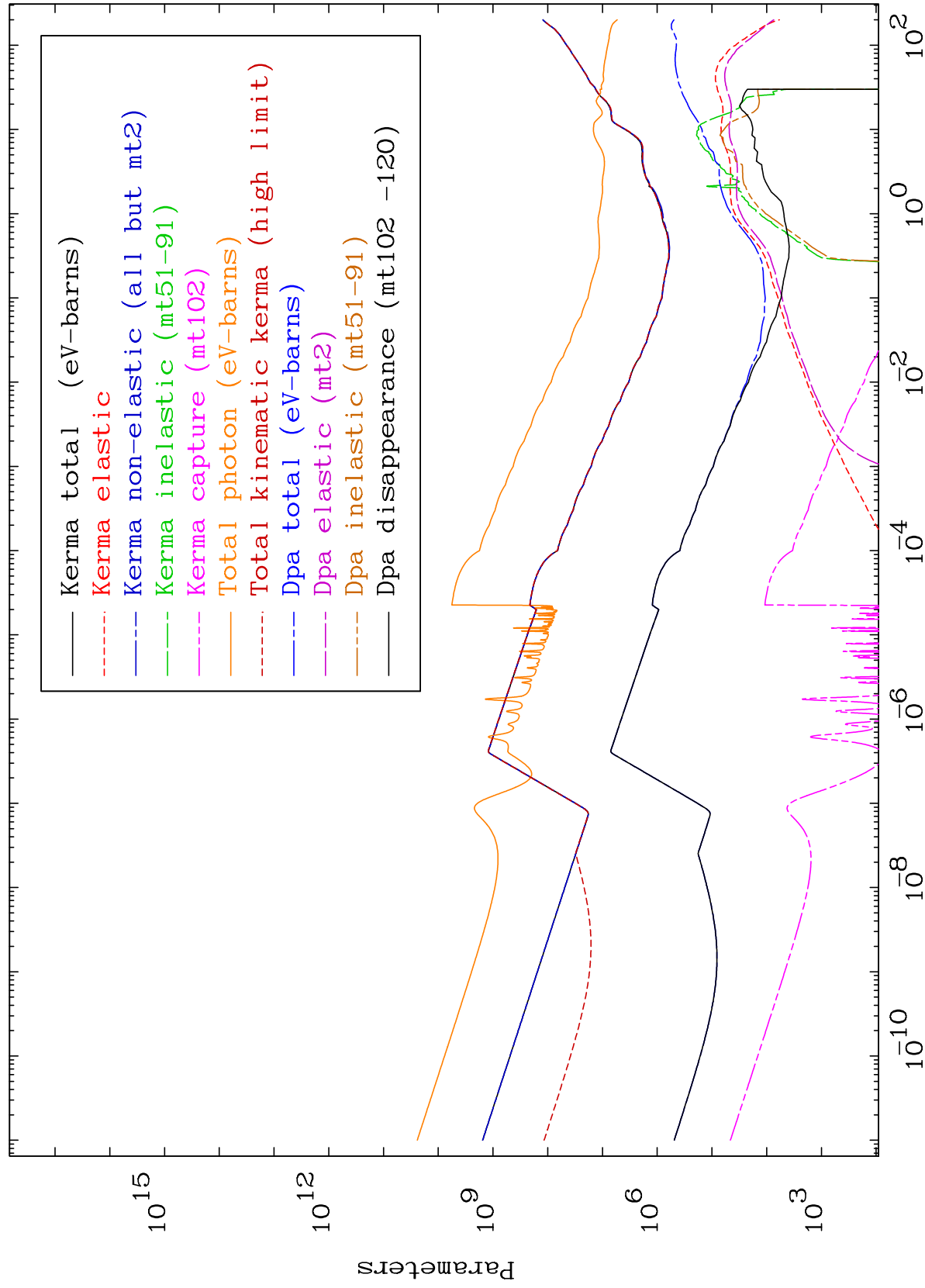
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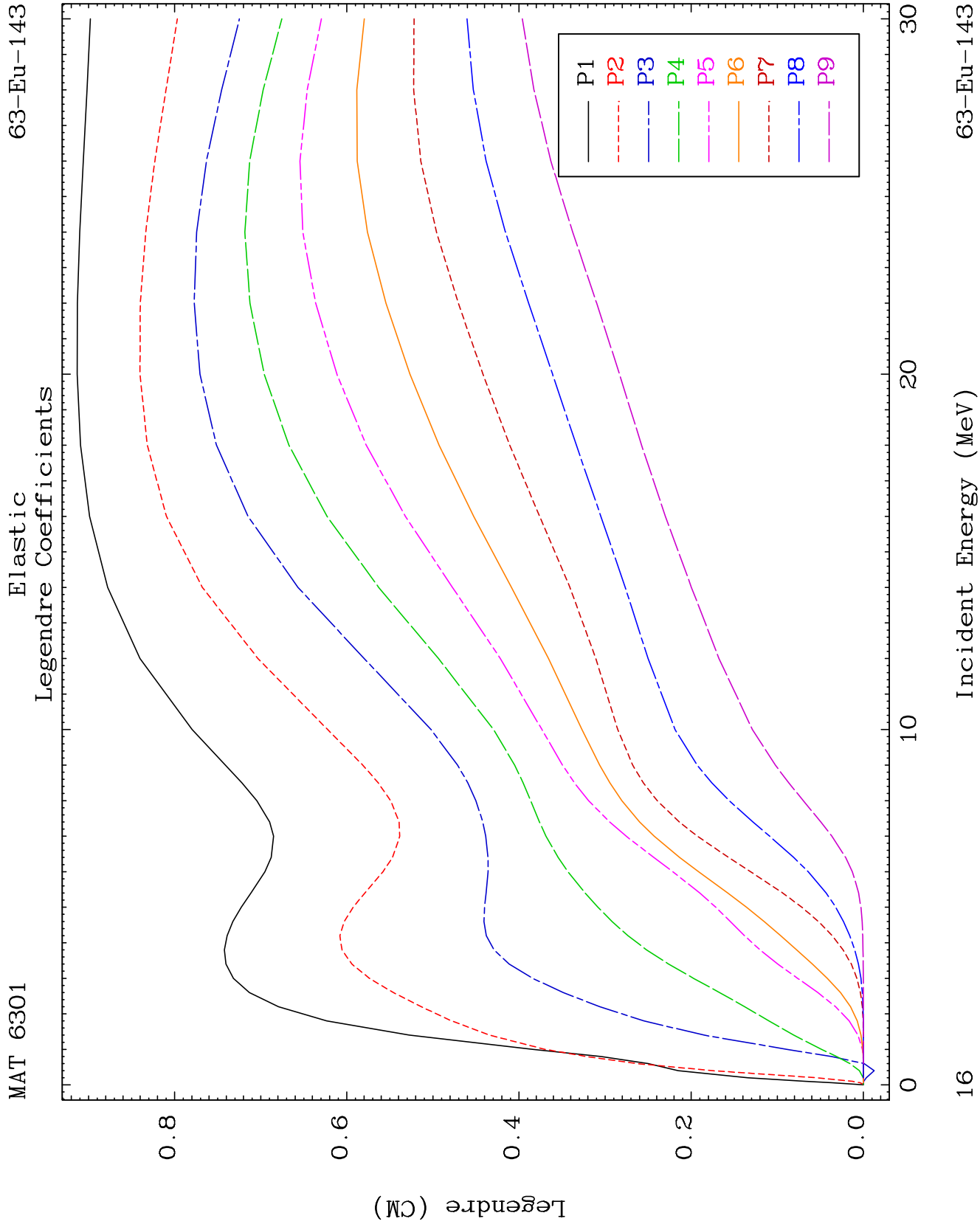
MAT 6301

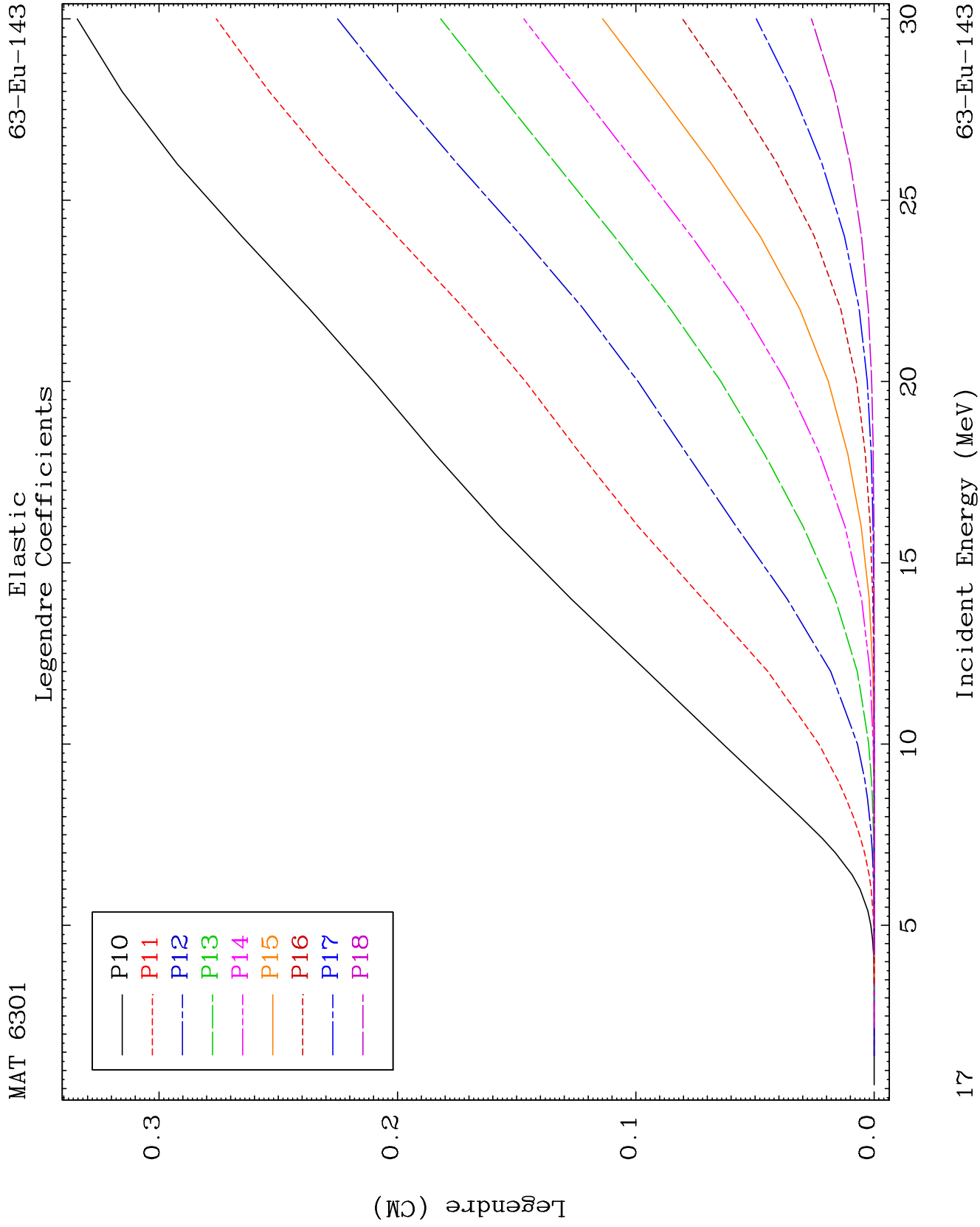
(n, α) Levels
293 Kelvin Cross Sections

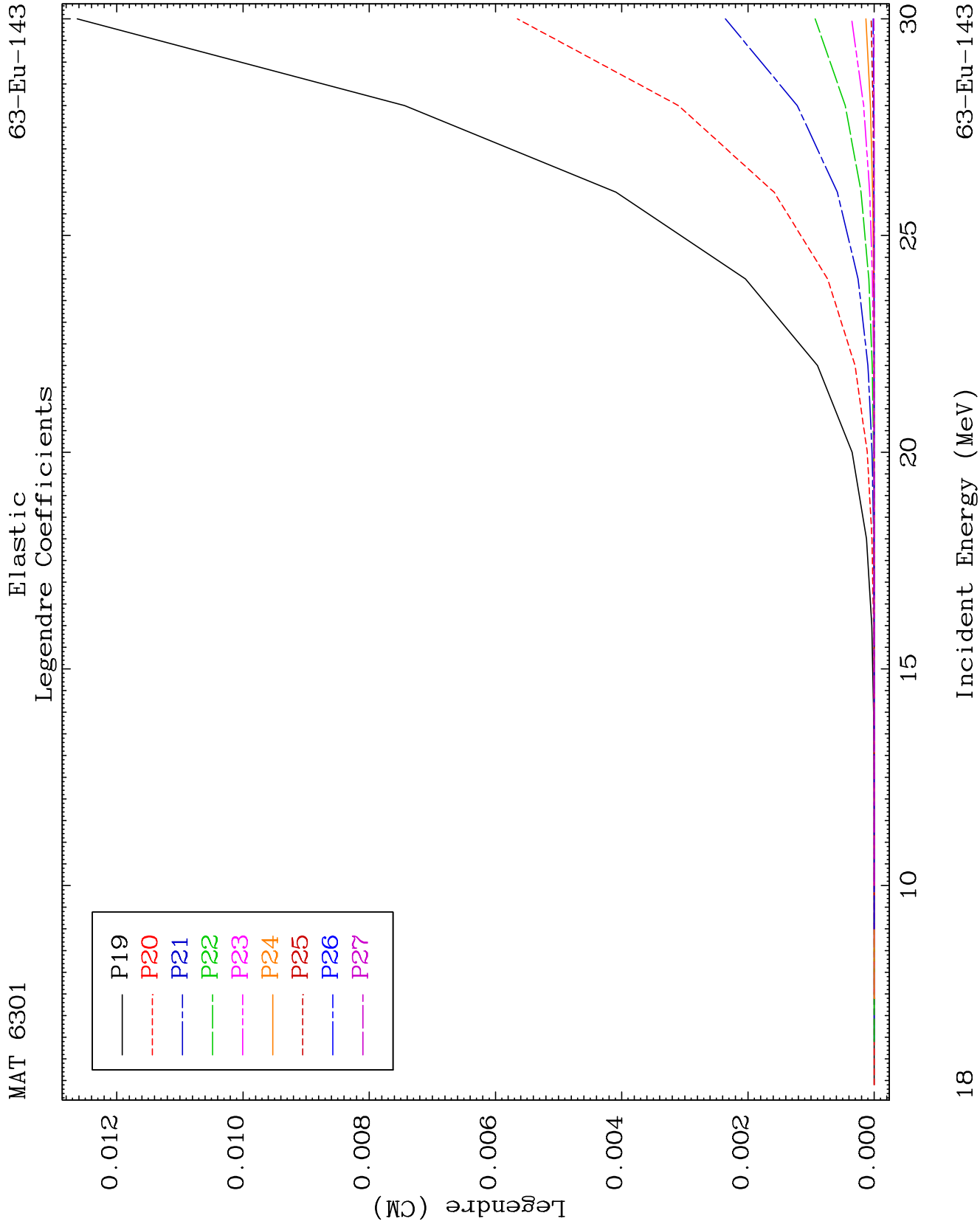
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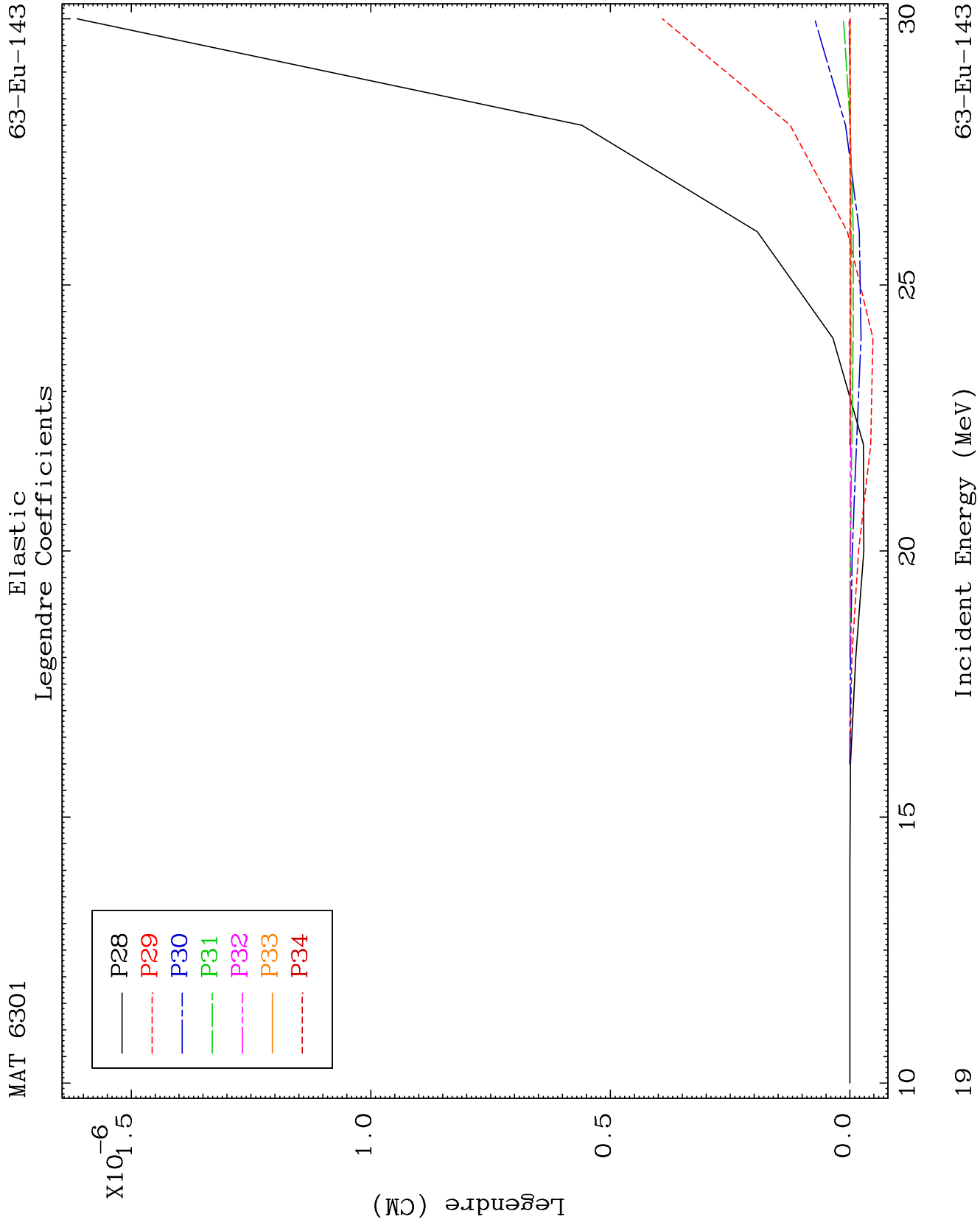




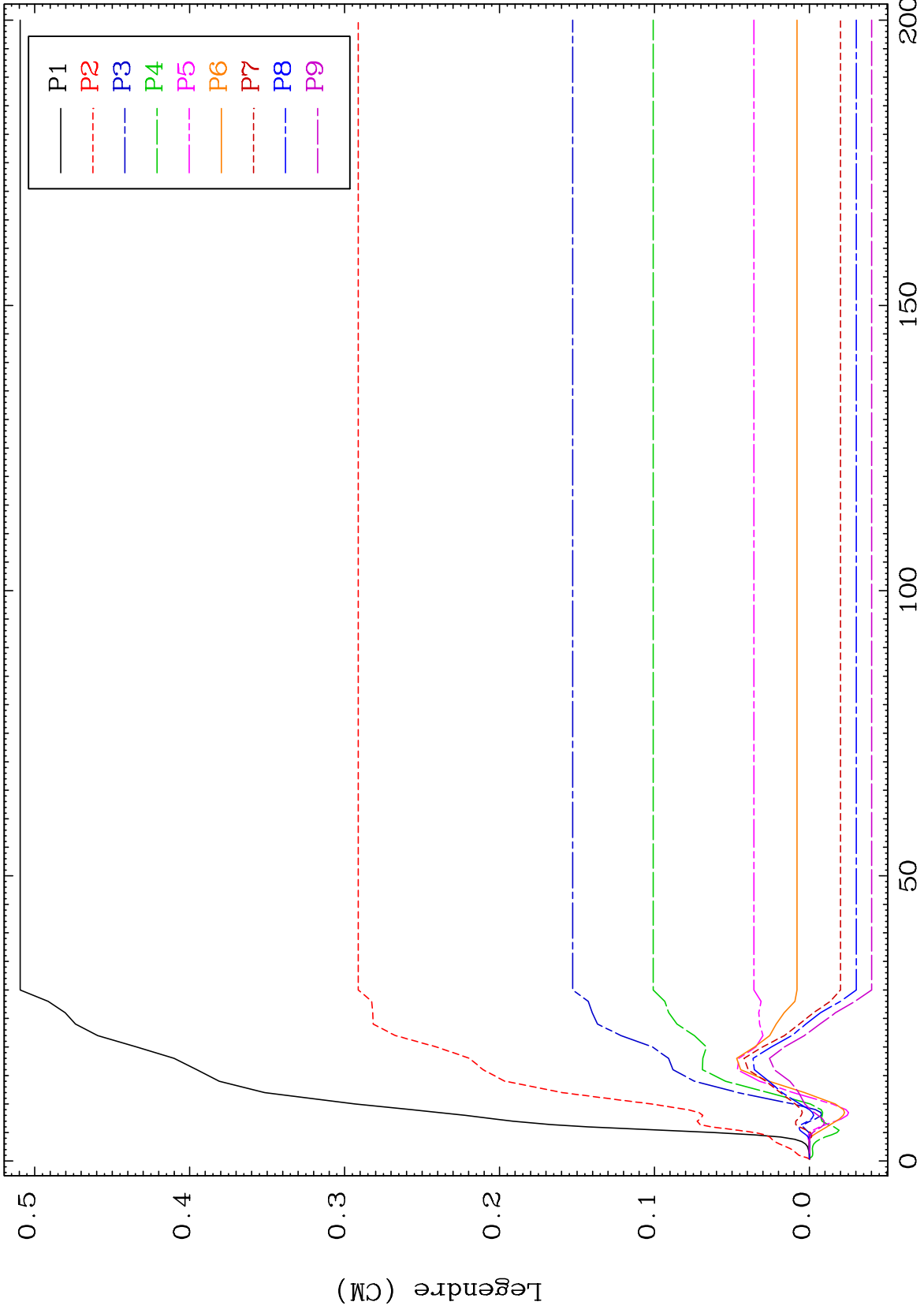




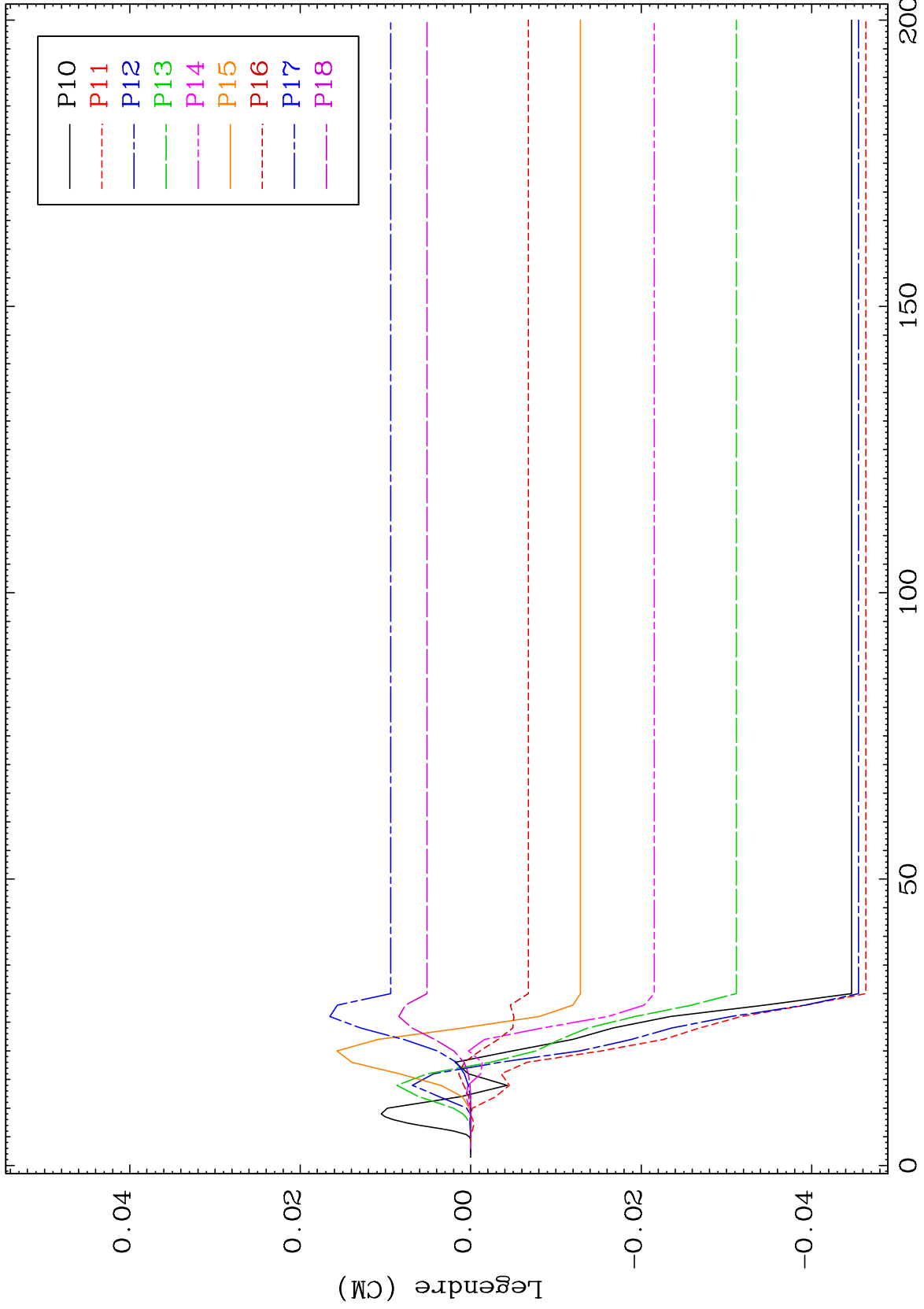




MAT 6301 MT= 51 (n,n') Level 63-Eu-143
Legendre Coefficients



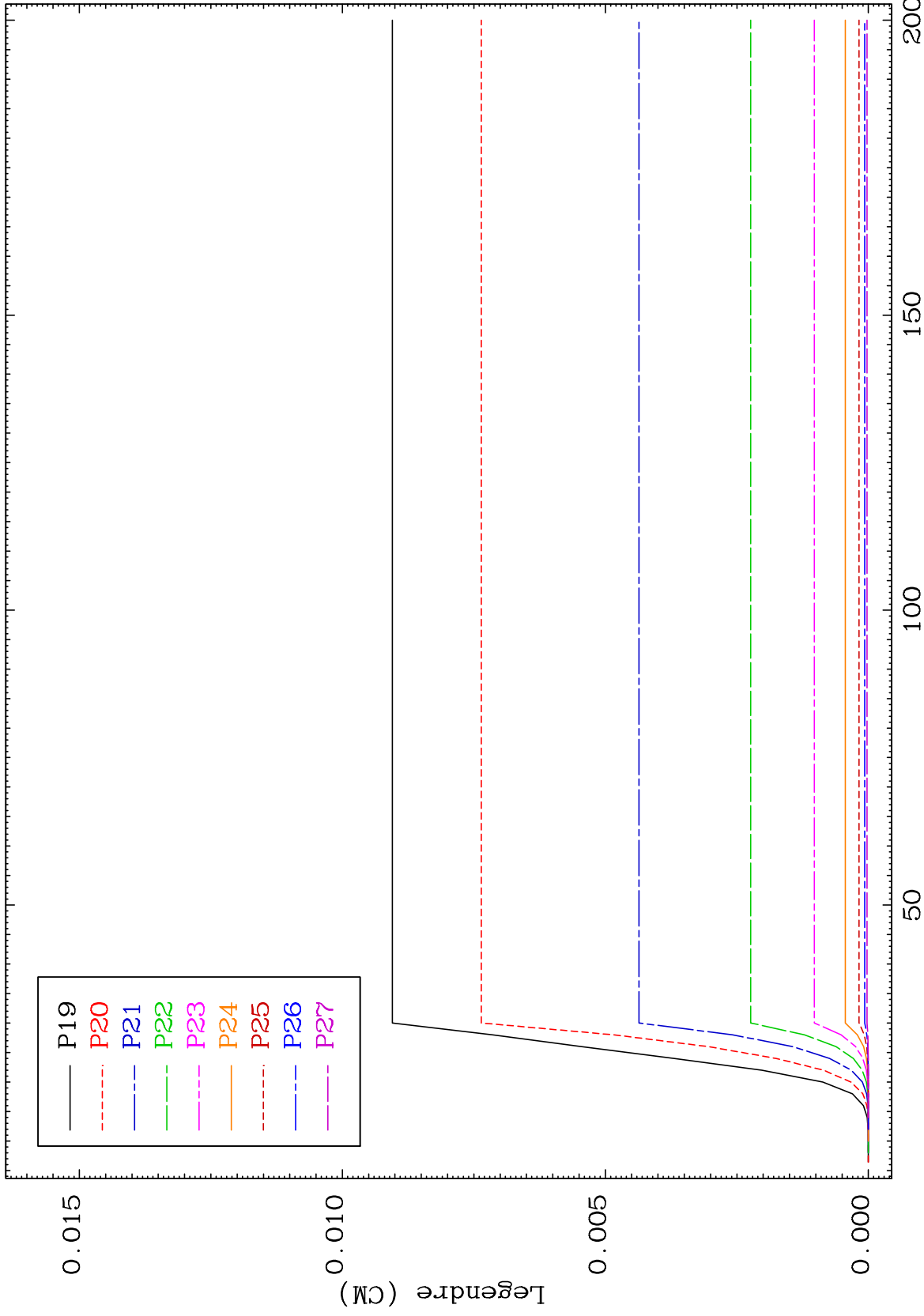
20 50 100 150 200 63-Eu-143



MAT 6301

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

63-Eu-143



22

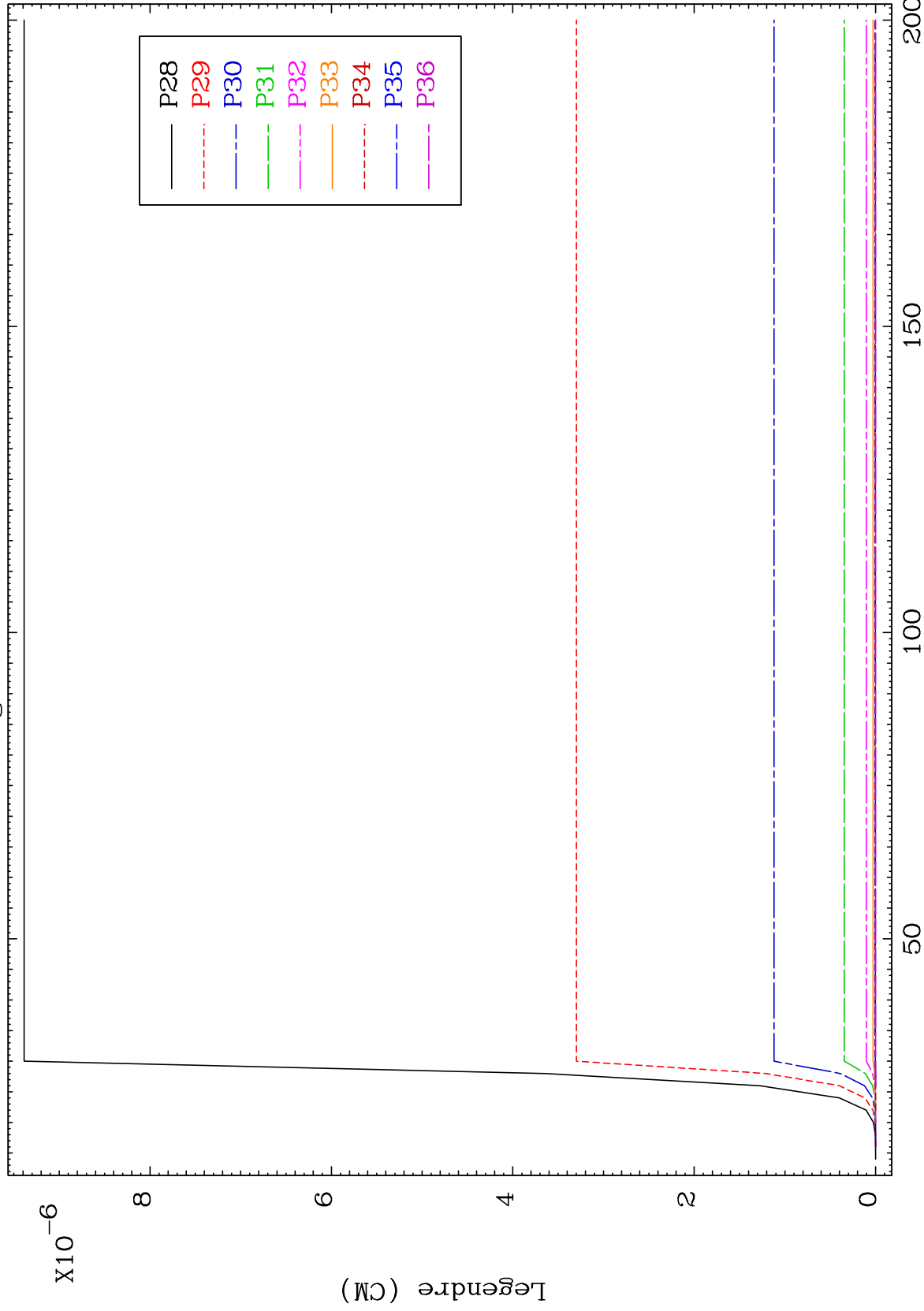
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143

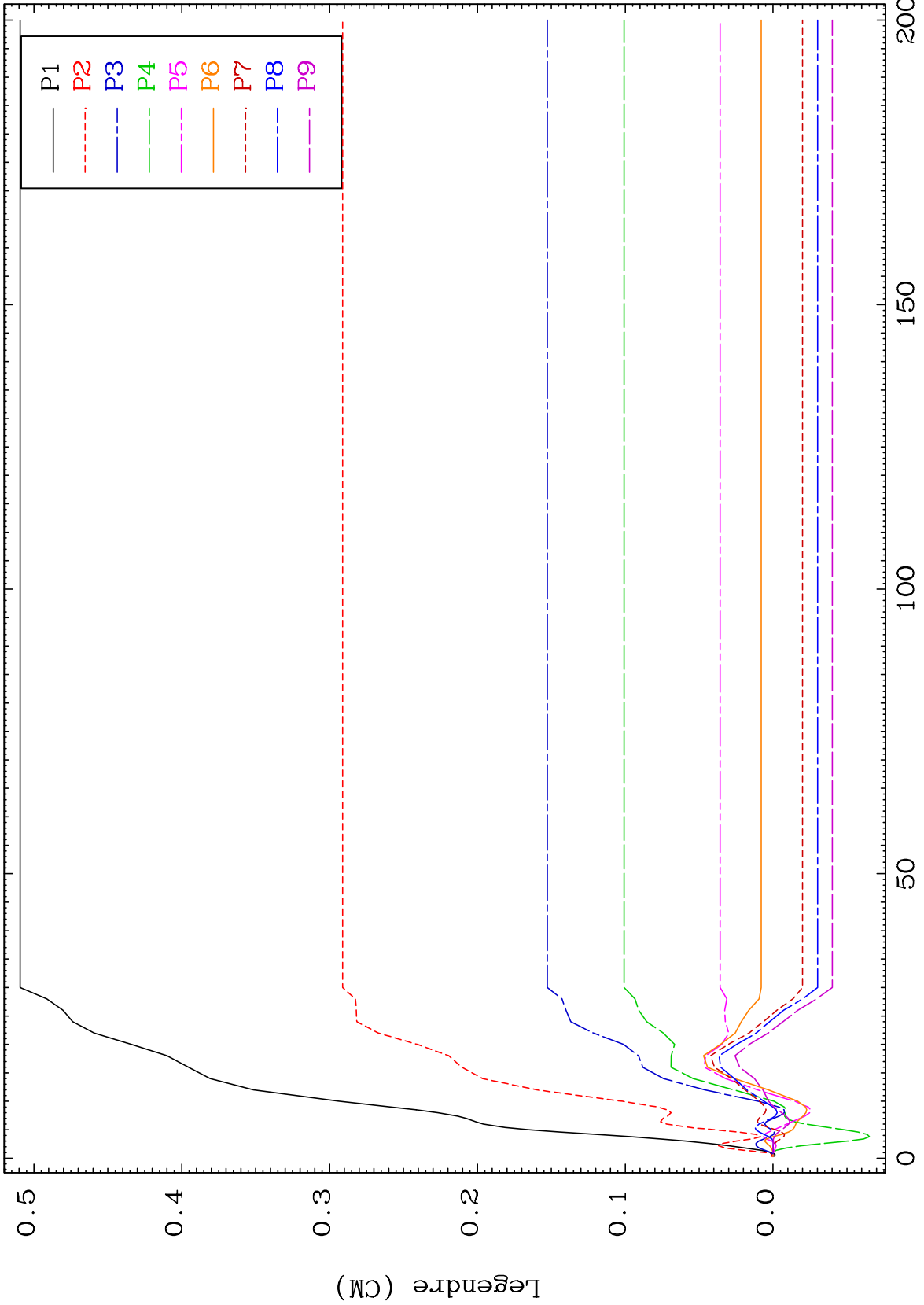


23

Incident Energy (MeV)

63-Eu-143

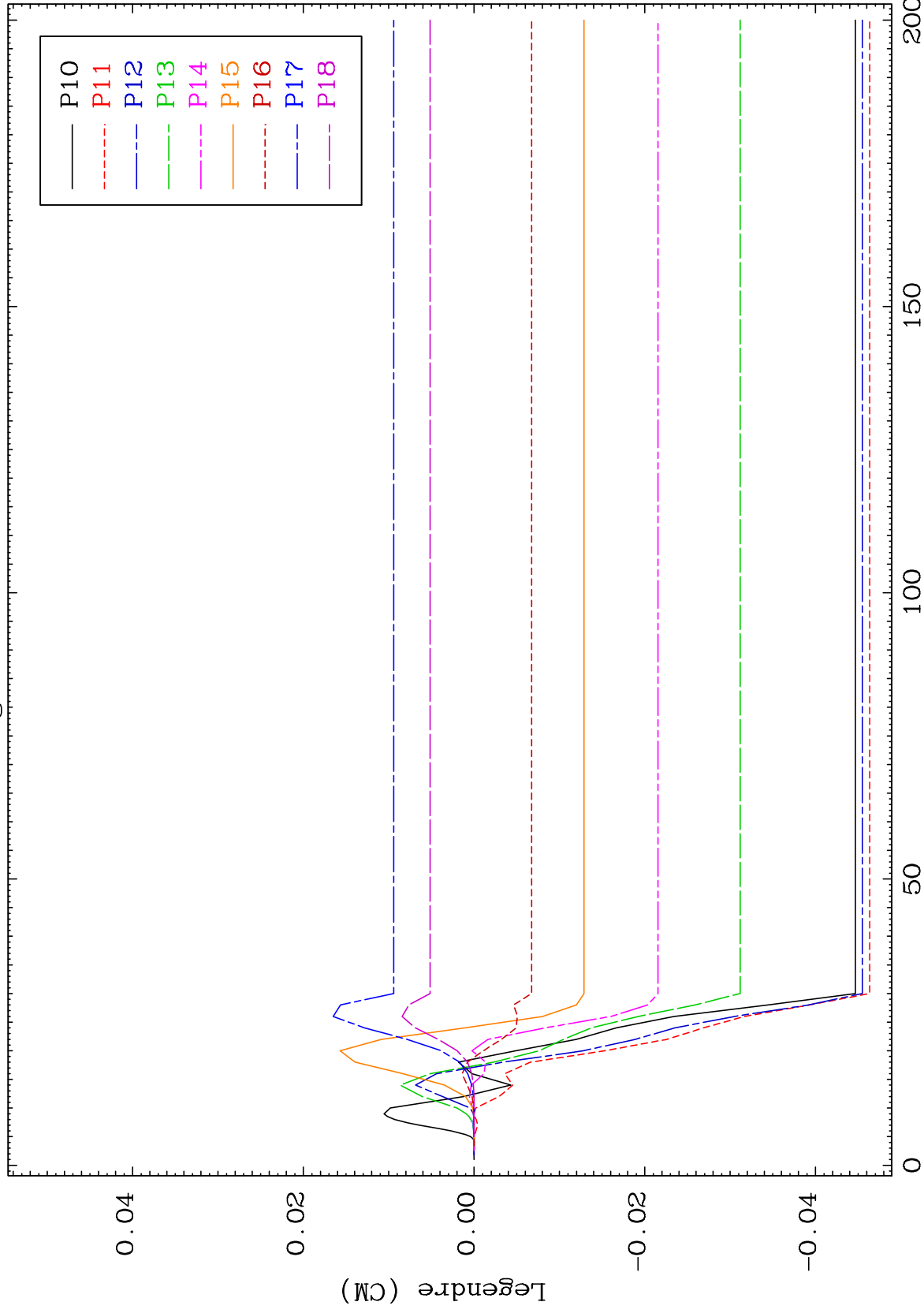
MAT 6301 MT= 52 (n,n') Level 63-Eu-143
Legendre Coefficients



24 Incident Energy (MeV) 63-Eu-143

MAT 6301 MT= 52 (n,n') Level Legendre Coefficients

63-Eu-143



63-Eu-143

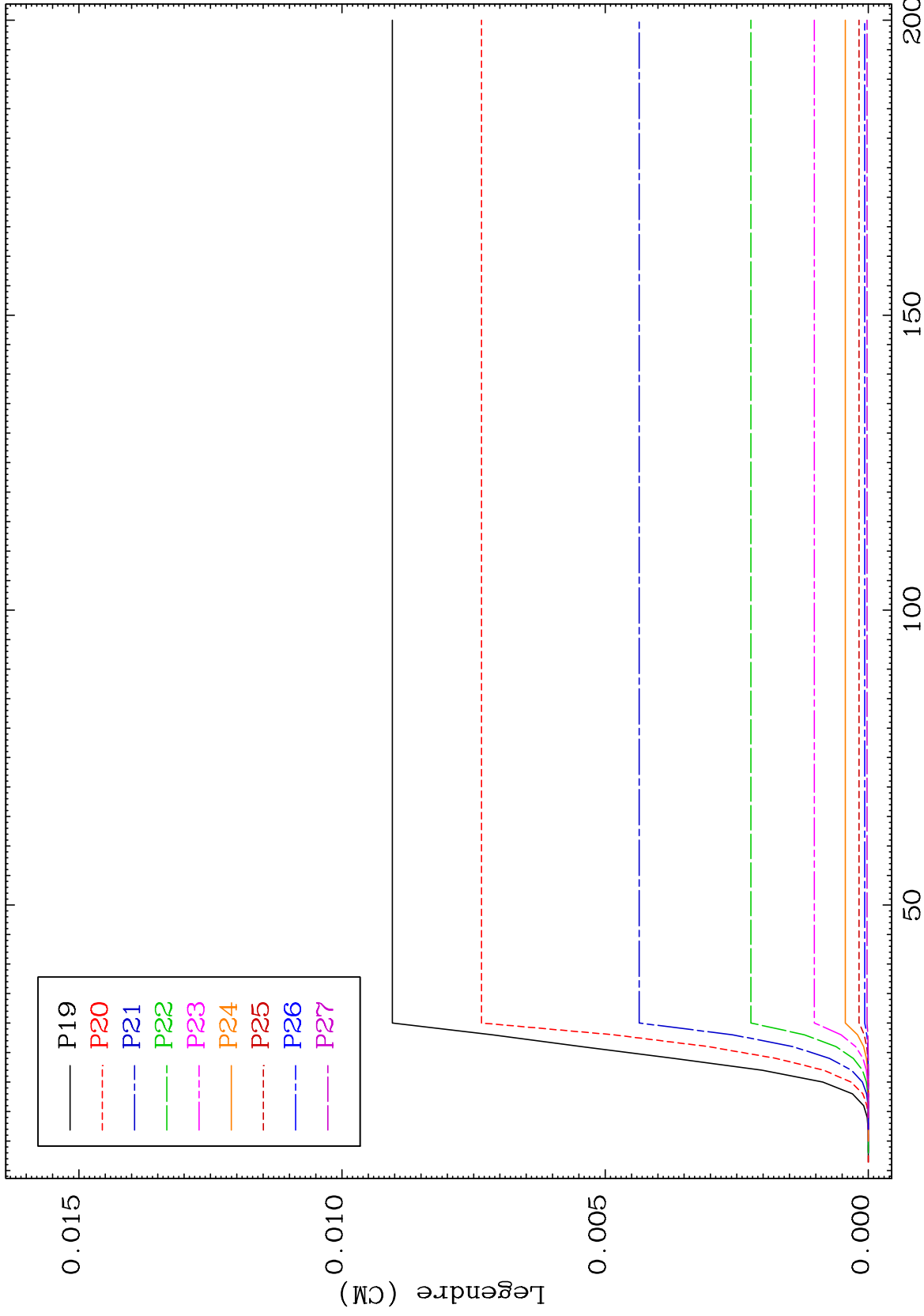
Incident Energy (MeV)

25

MAT 6301

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

63-Eu-143



26

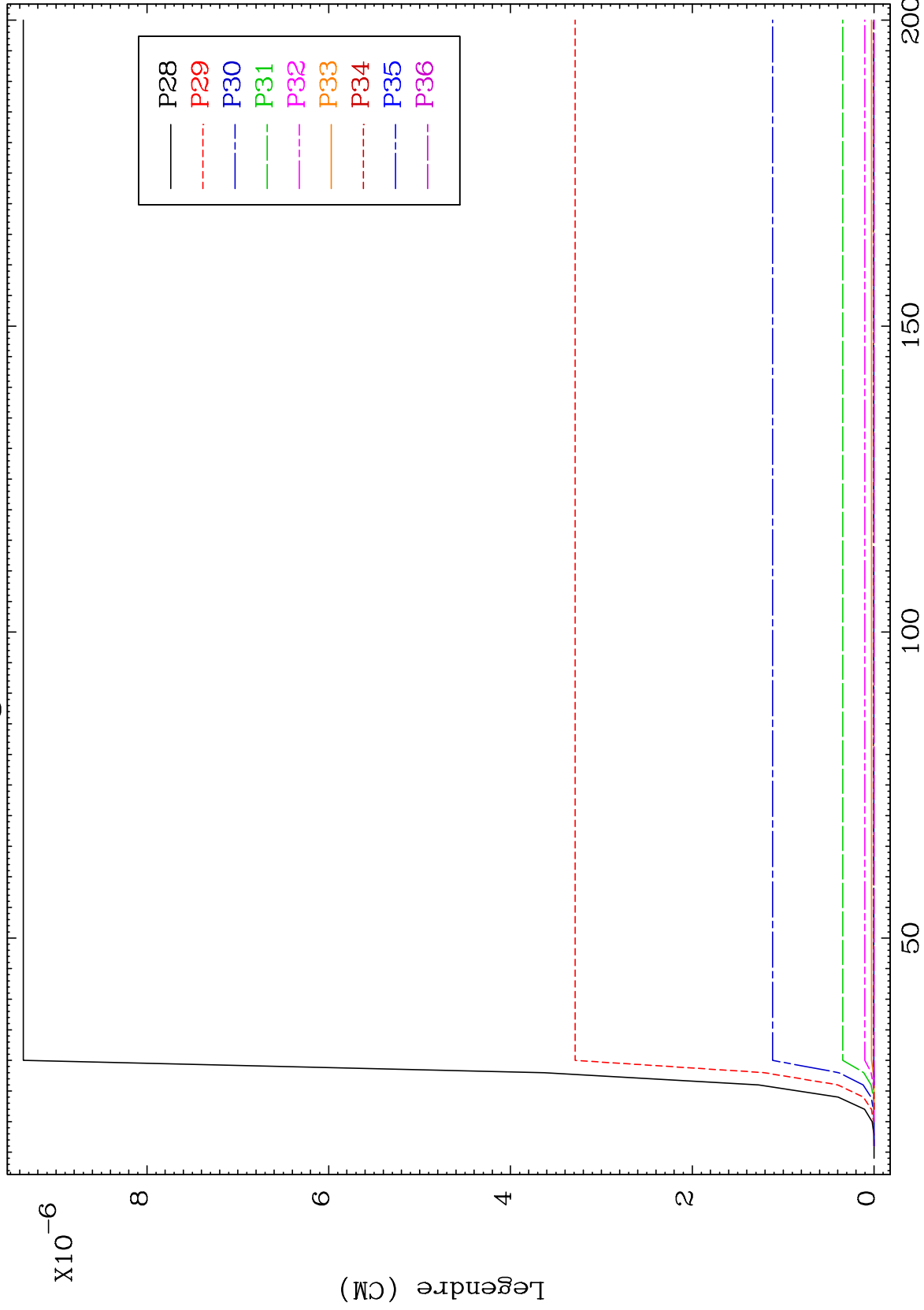
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

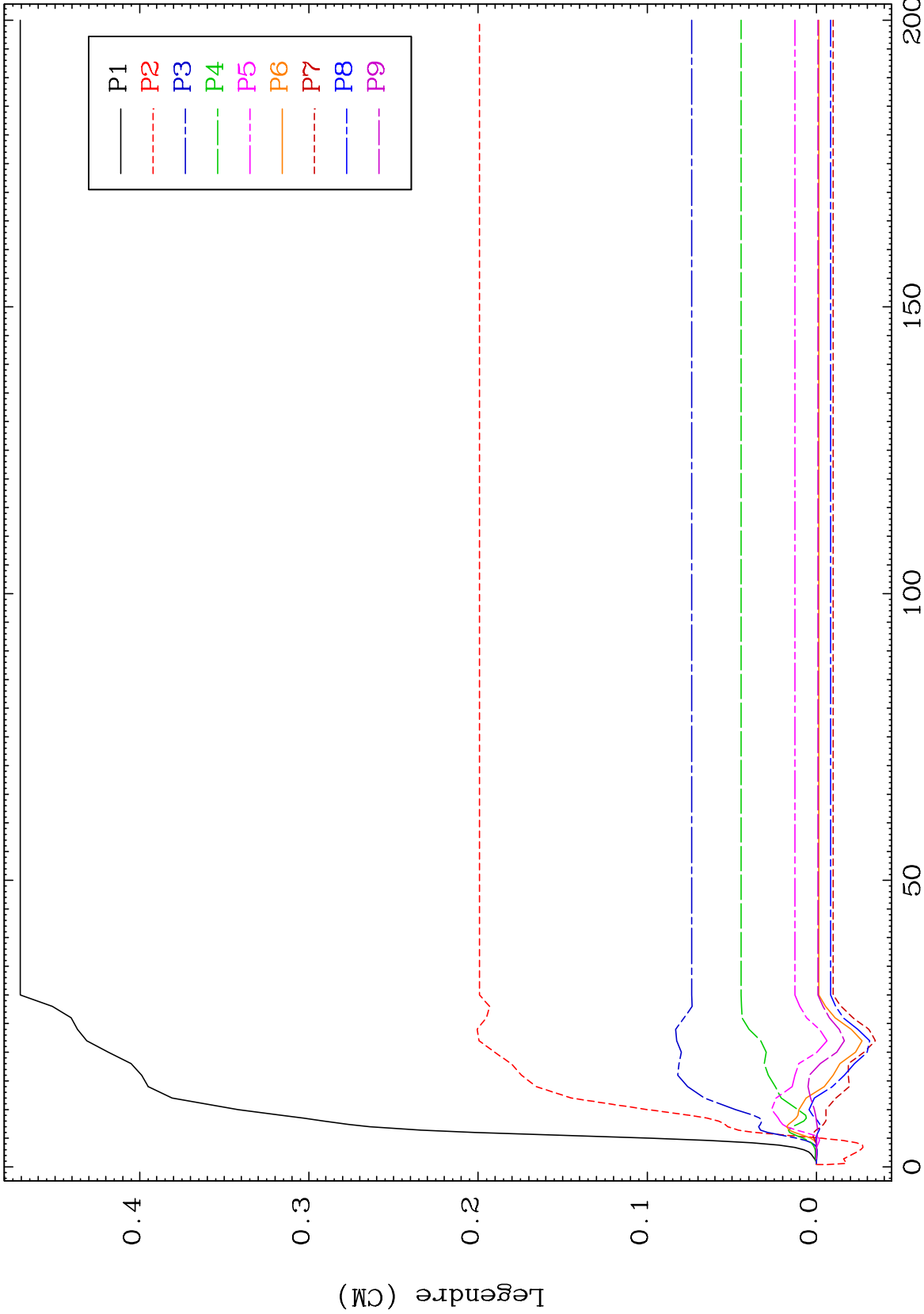
63-Eu-143



27

Incident Energy (MeV)

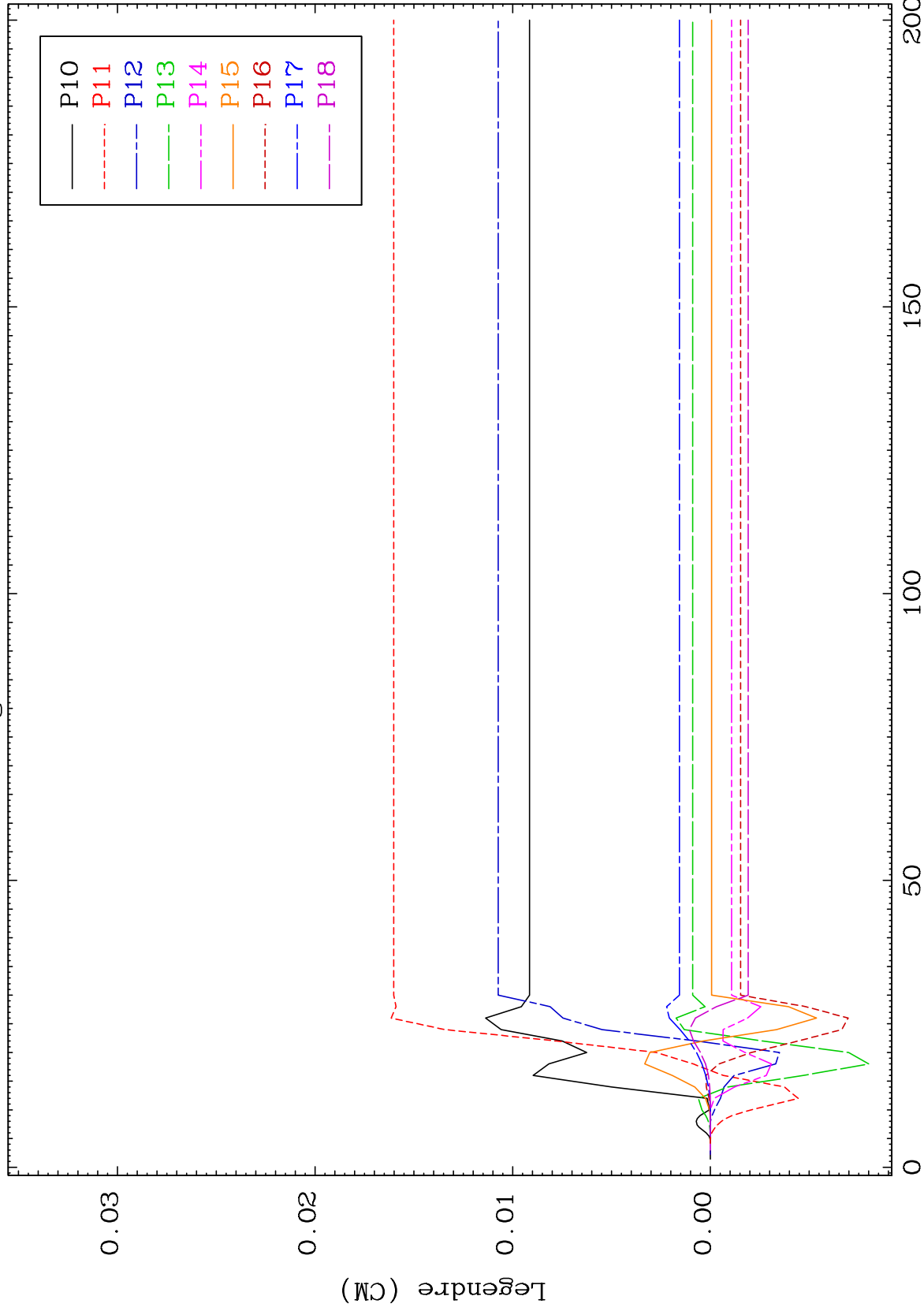
63-Eu-143



MAT 6301

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

63-Eu-143



29

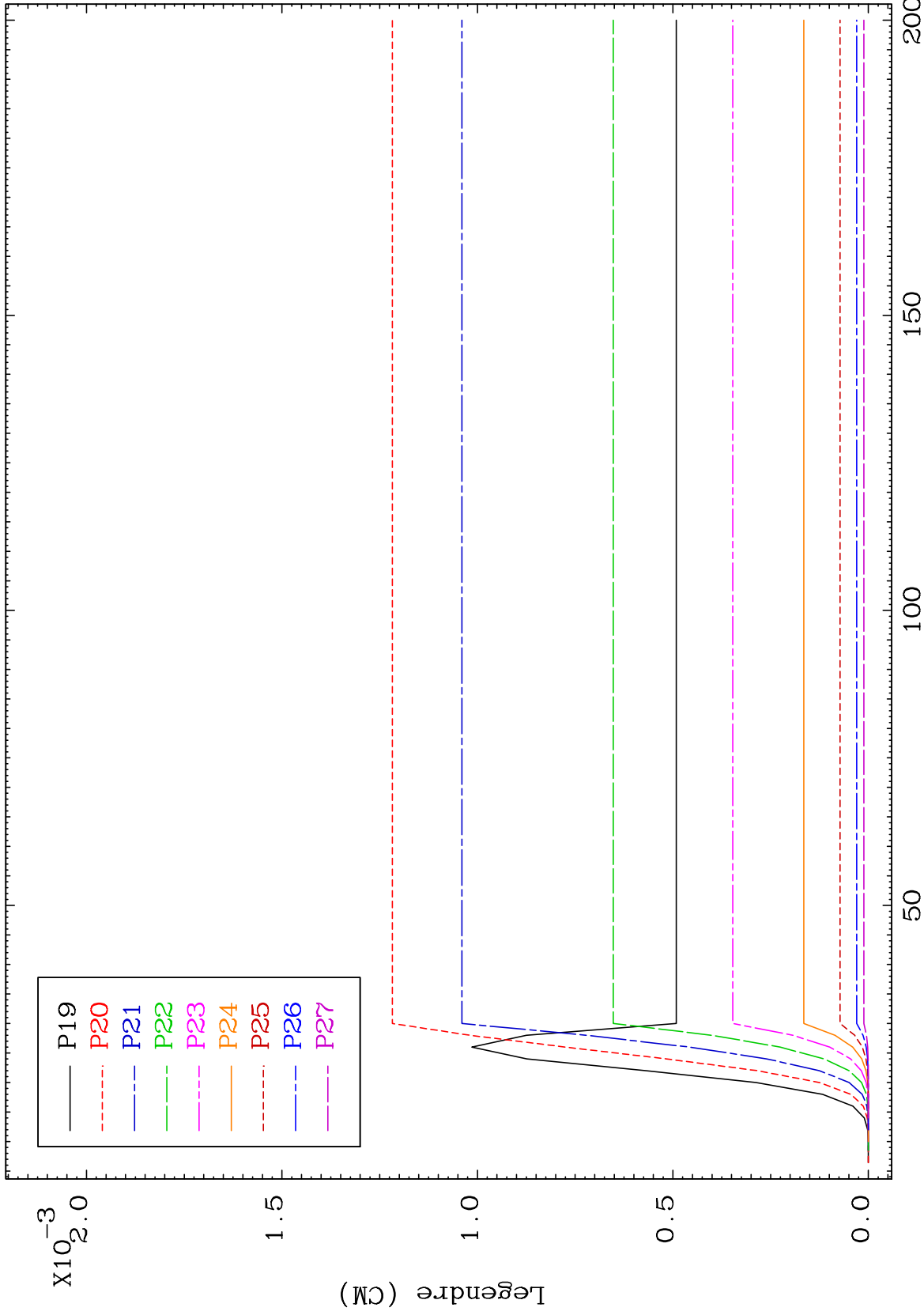
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



30

Incident Energy (MeV)

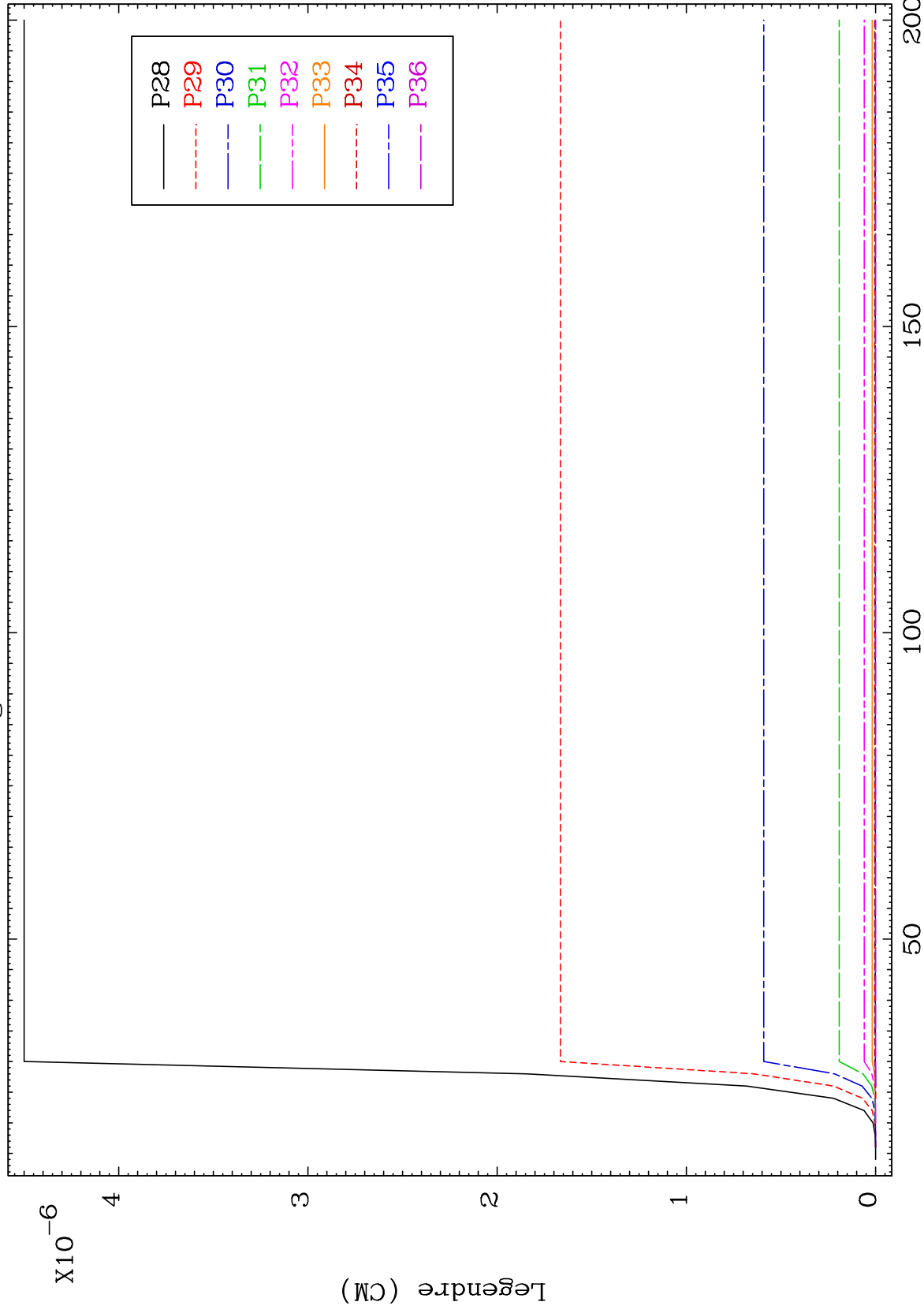
150

63-Eu-143

MAT 6301

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

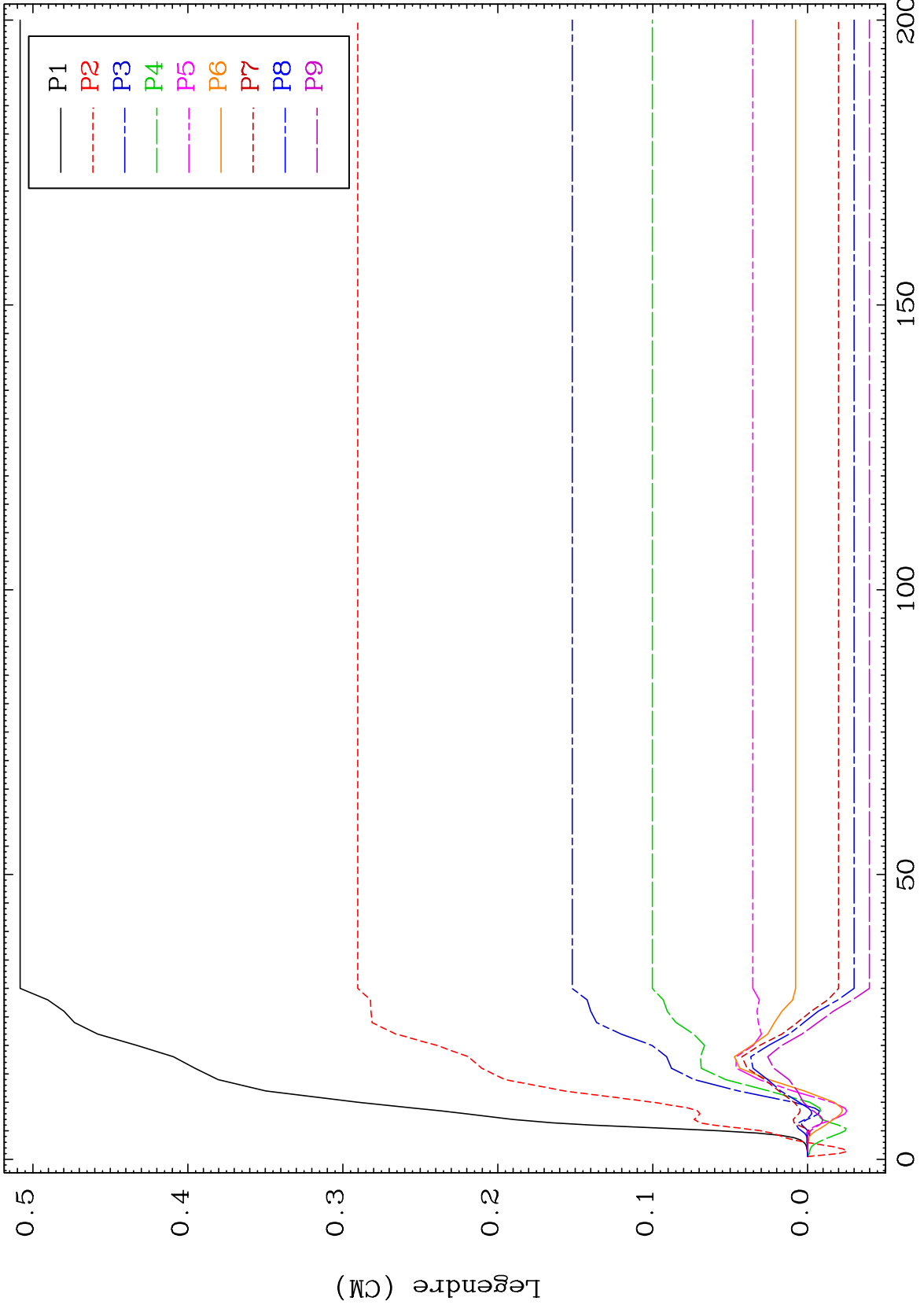
63-Eu-143

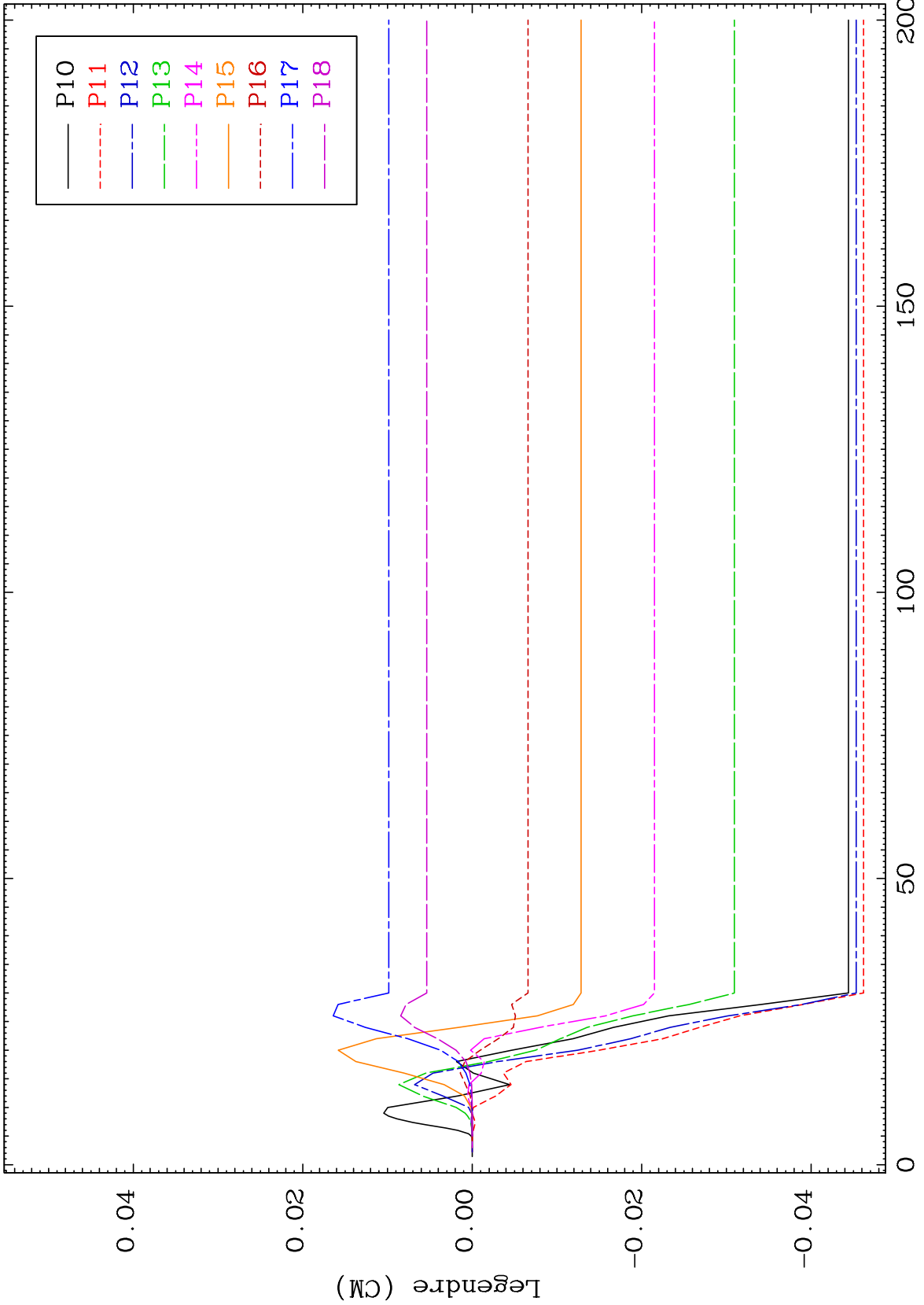


31

Incident Energy (MeV)

63-Eu-143

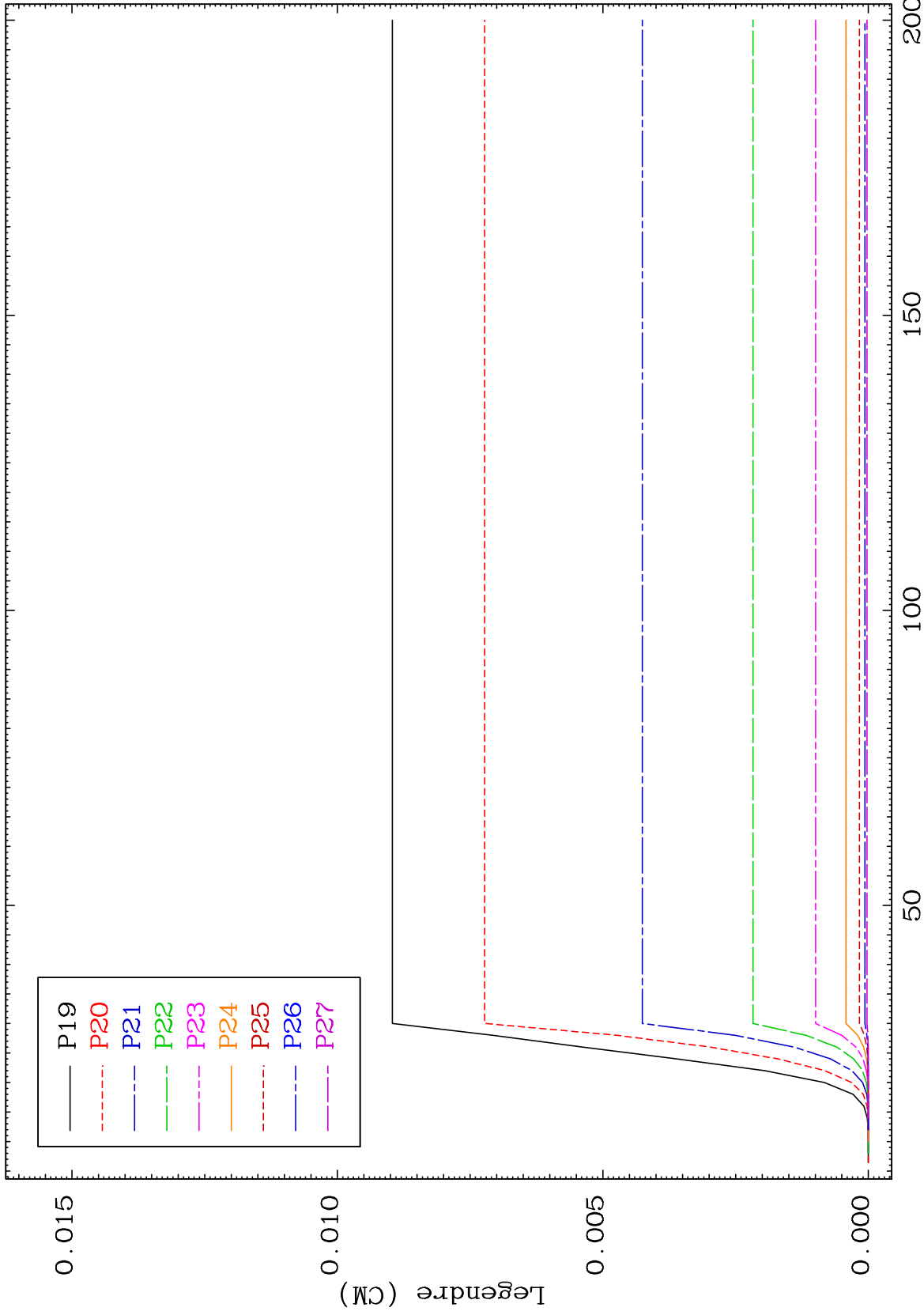




MAT 6301

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

63-Eu-143



34

Incident Energy (MeV)

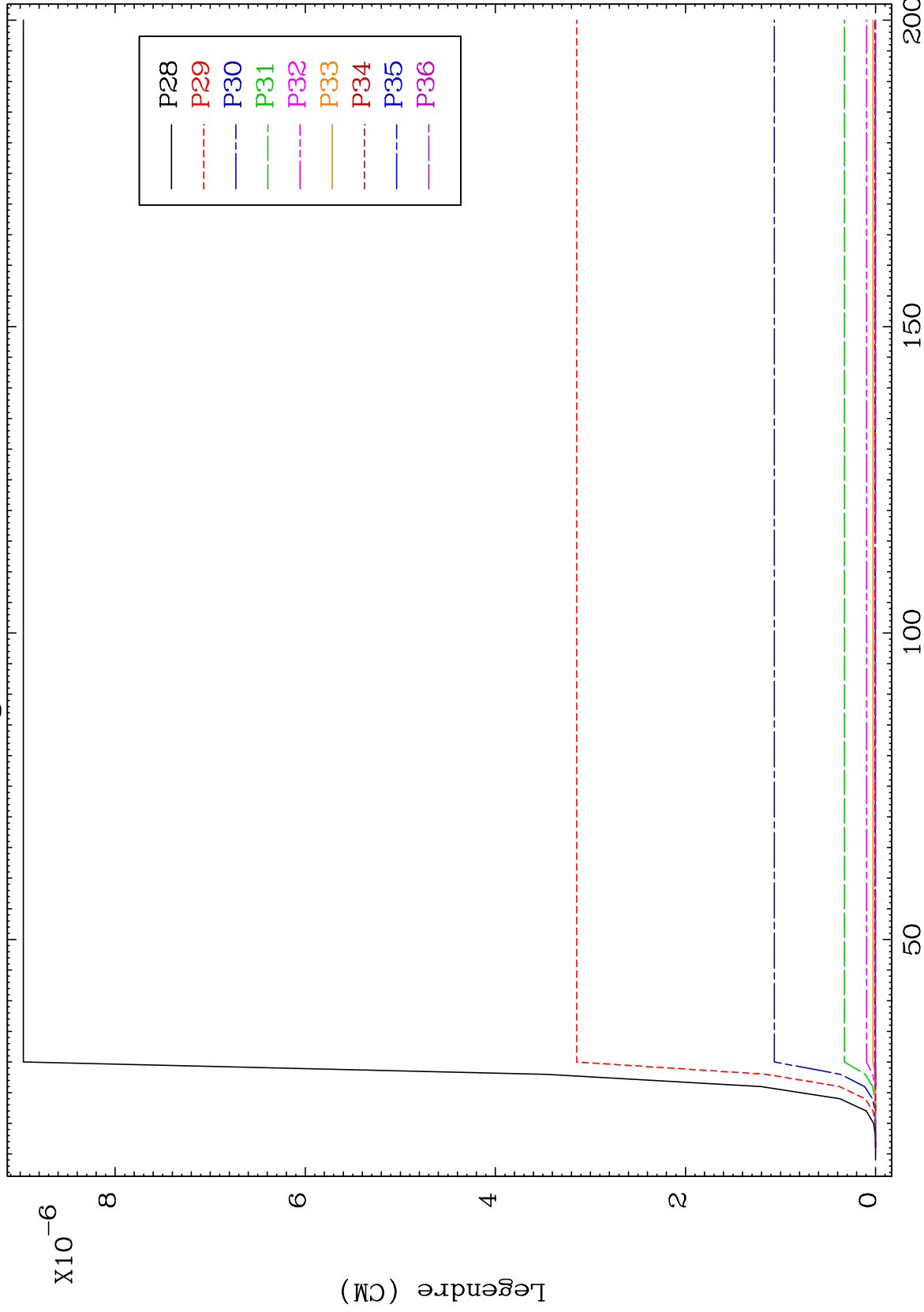
63-Eu-143

200

MAT 6301

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

63-Eu-143



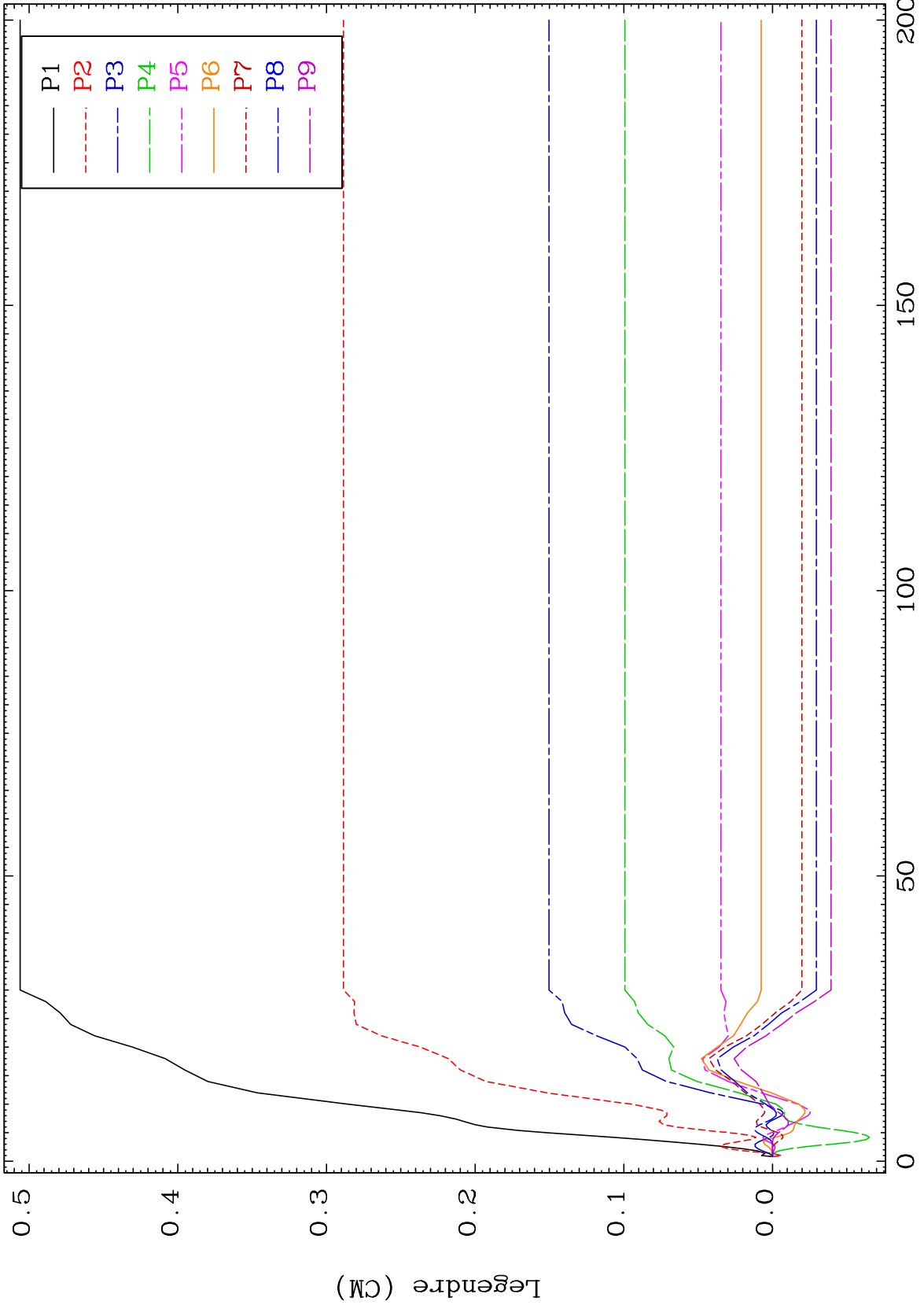
35

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 55 (n,n') Level 63-Eu-143

Legendre Coefficients

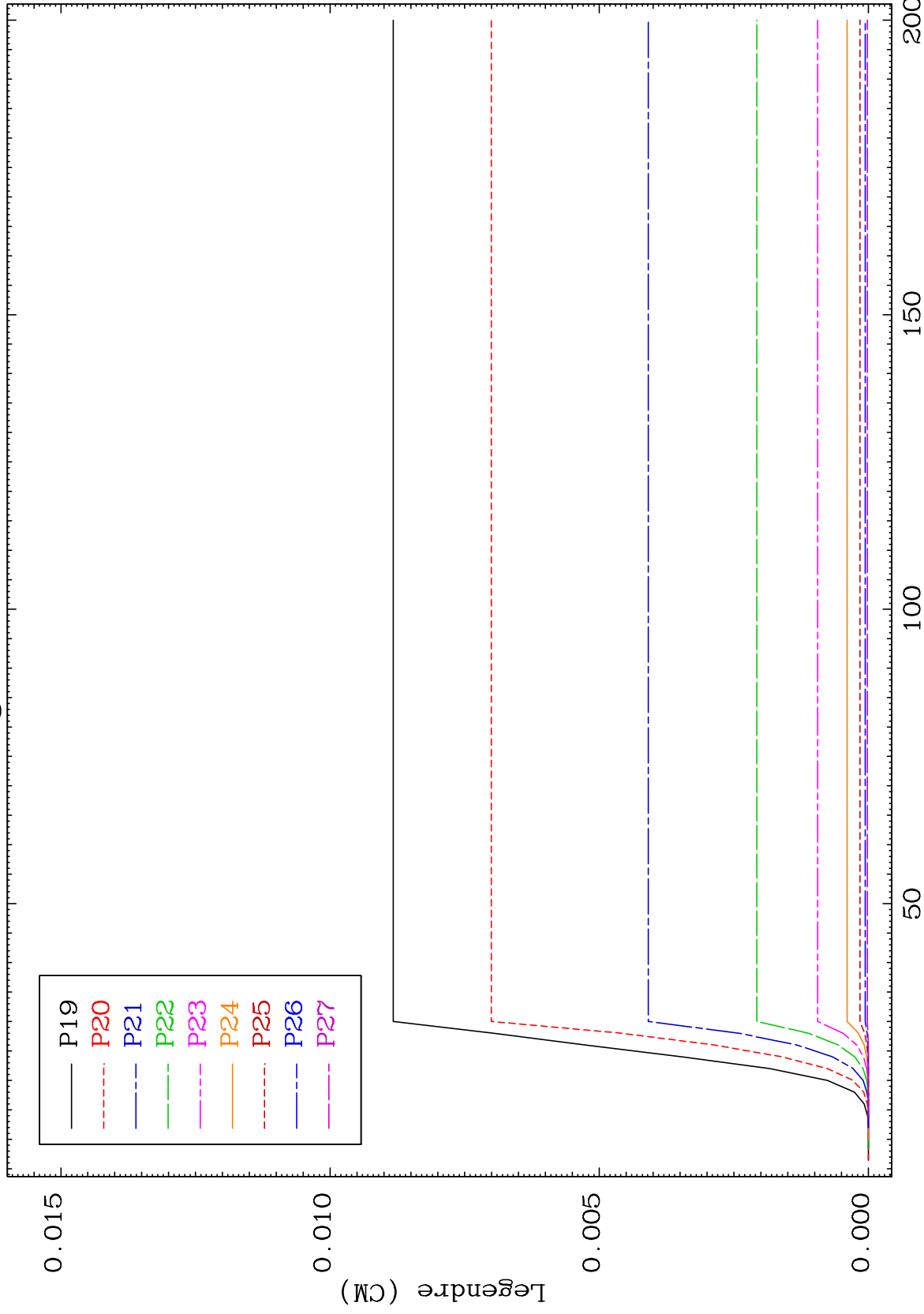


36 63-Eu-143

MAT 6301

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

63-Eu-143



38

Incident Energy (MeV)

63-Eu-143

50

100

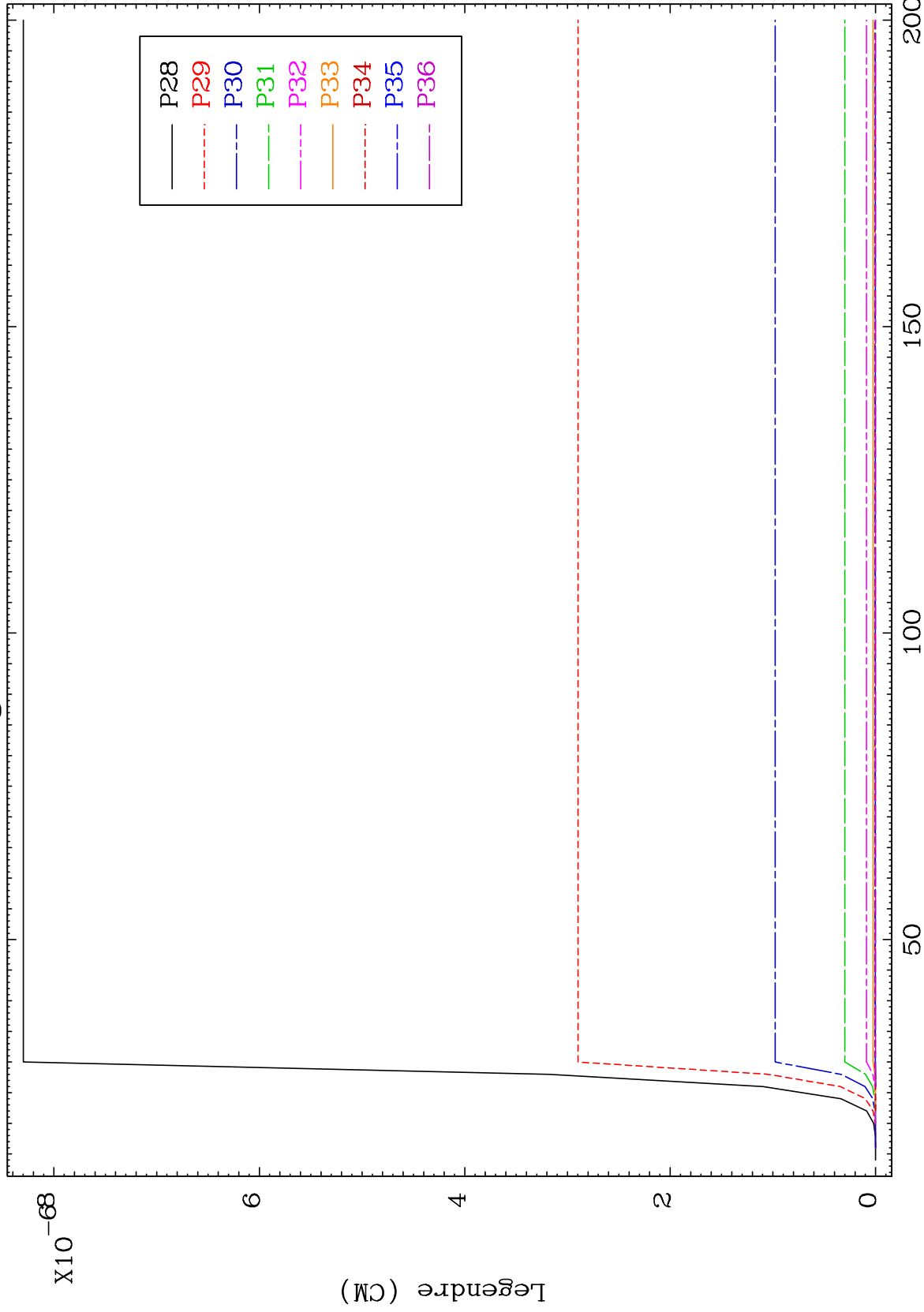
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200

MAT 6301

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

63-Eu-143

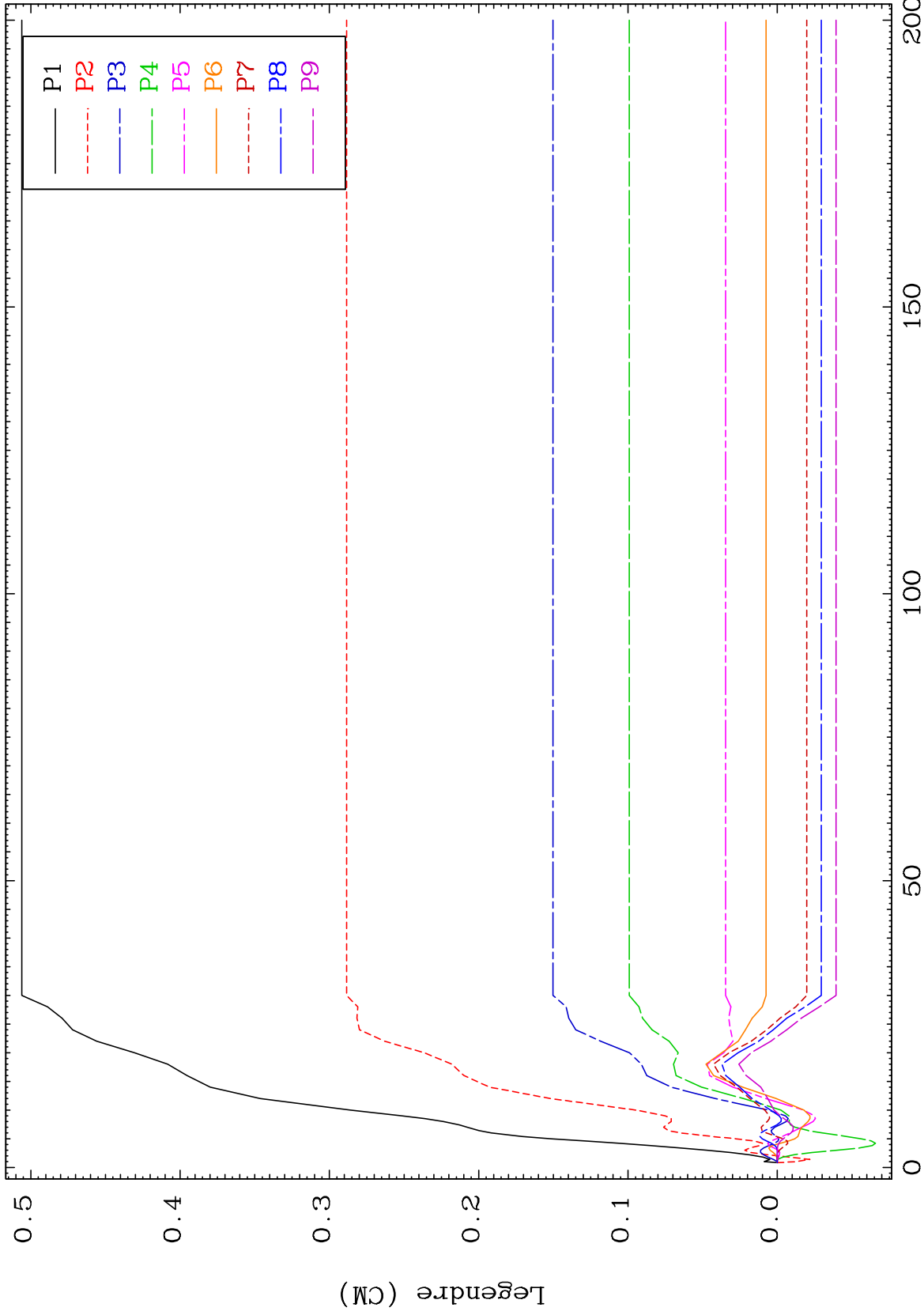


39

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 56 (n,n') Level 63-Eu-143
Legendre Coefficients

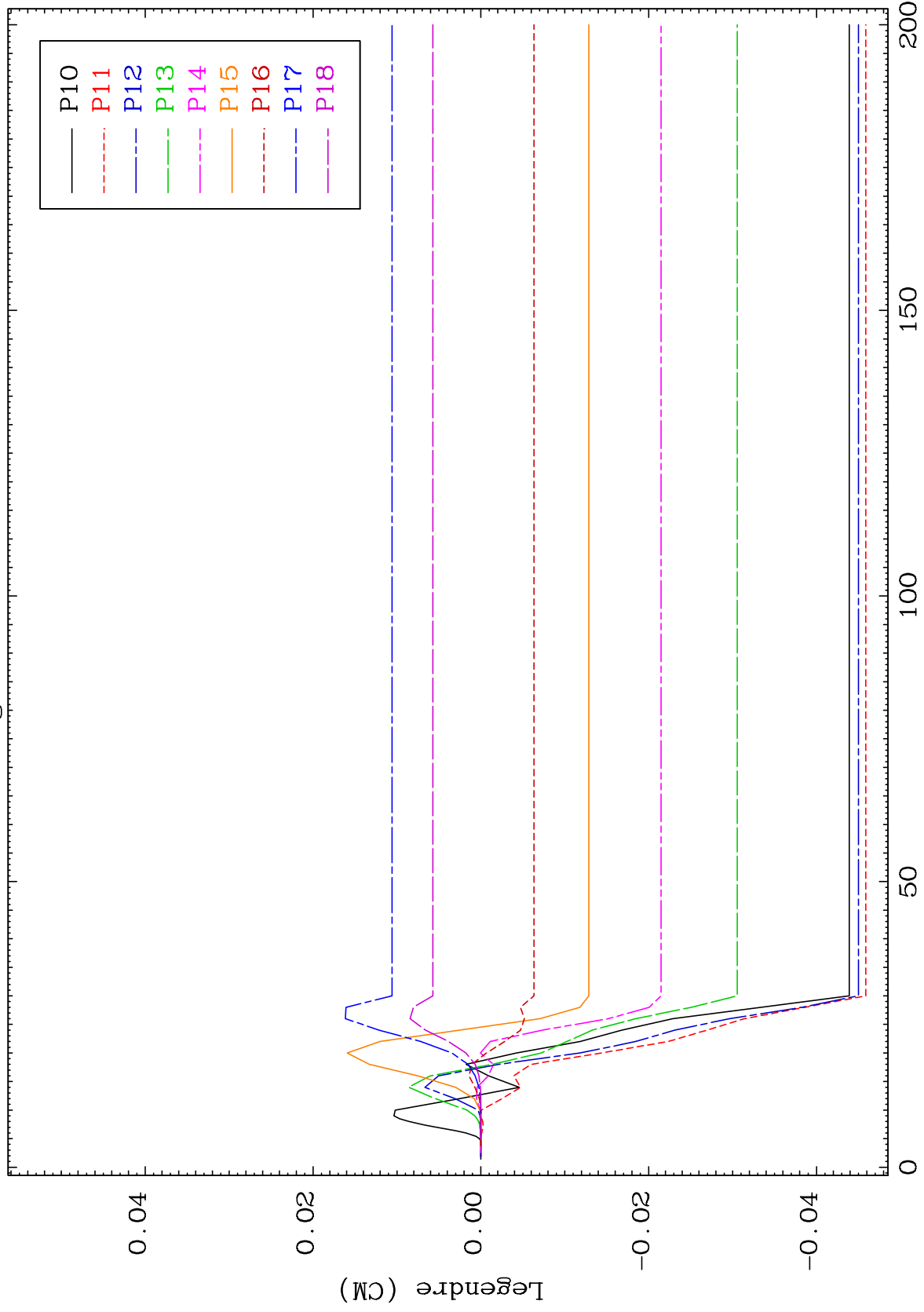


Incident Energy (MeV) 63-Eu-143

MAT 6301

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

63-Eu-143



41

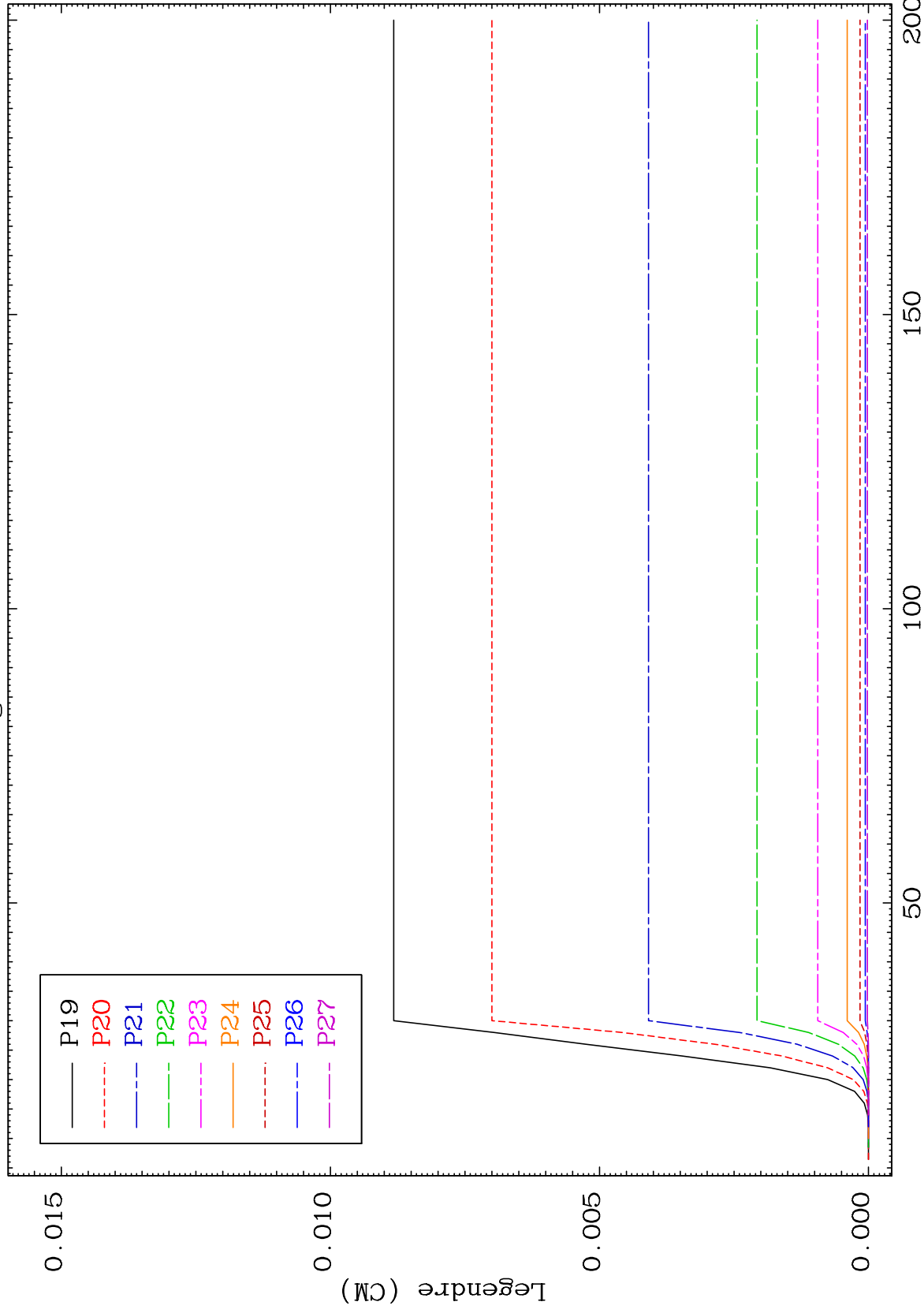
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



42

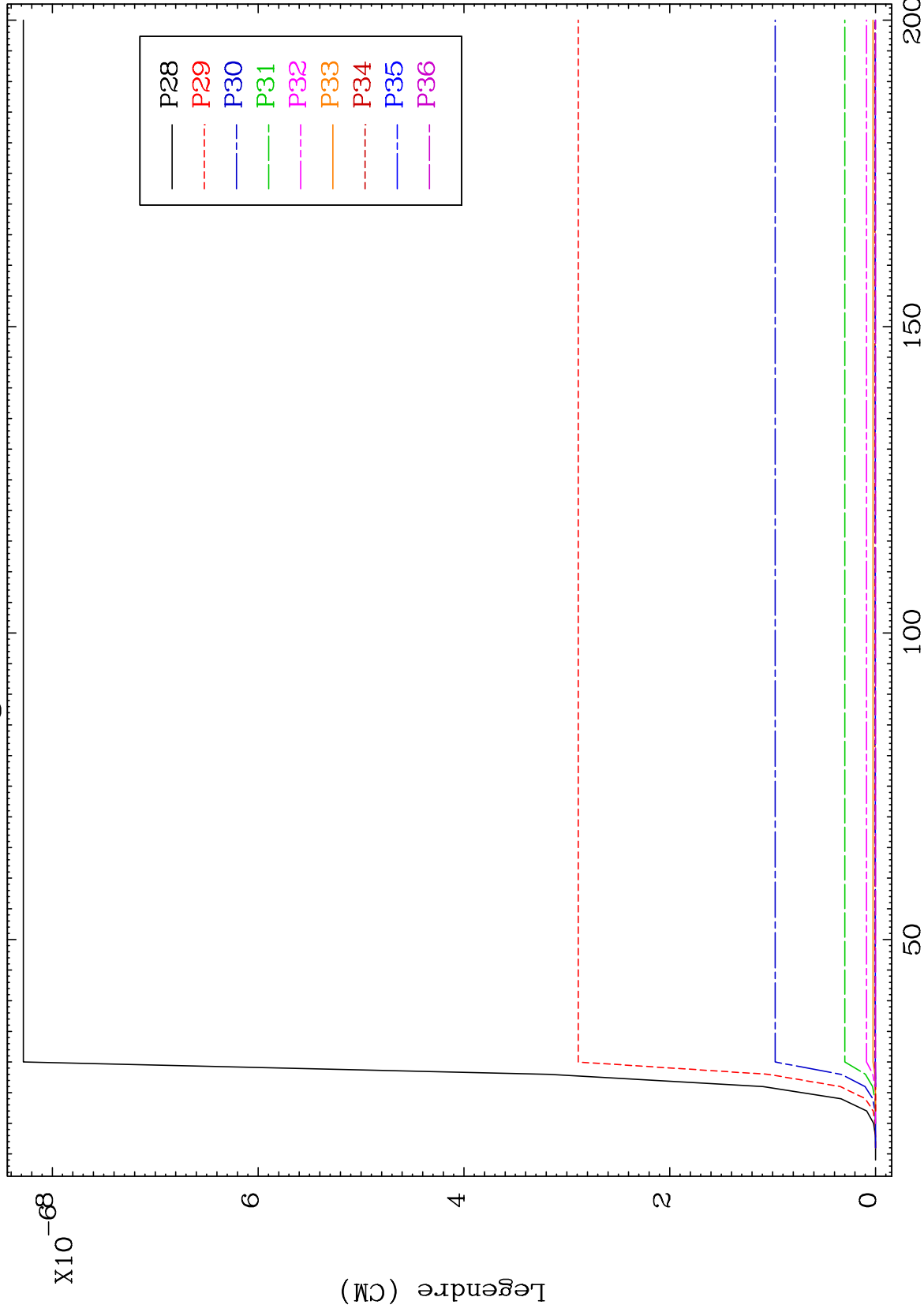
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143

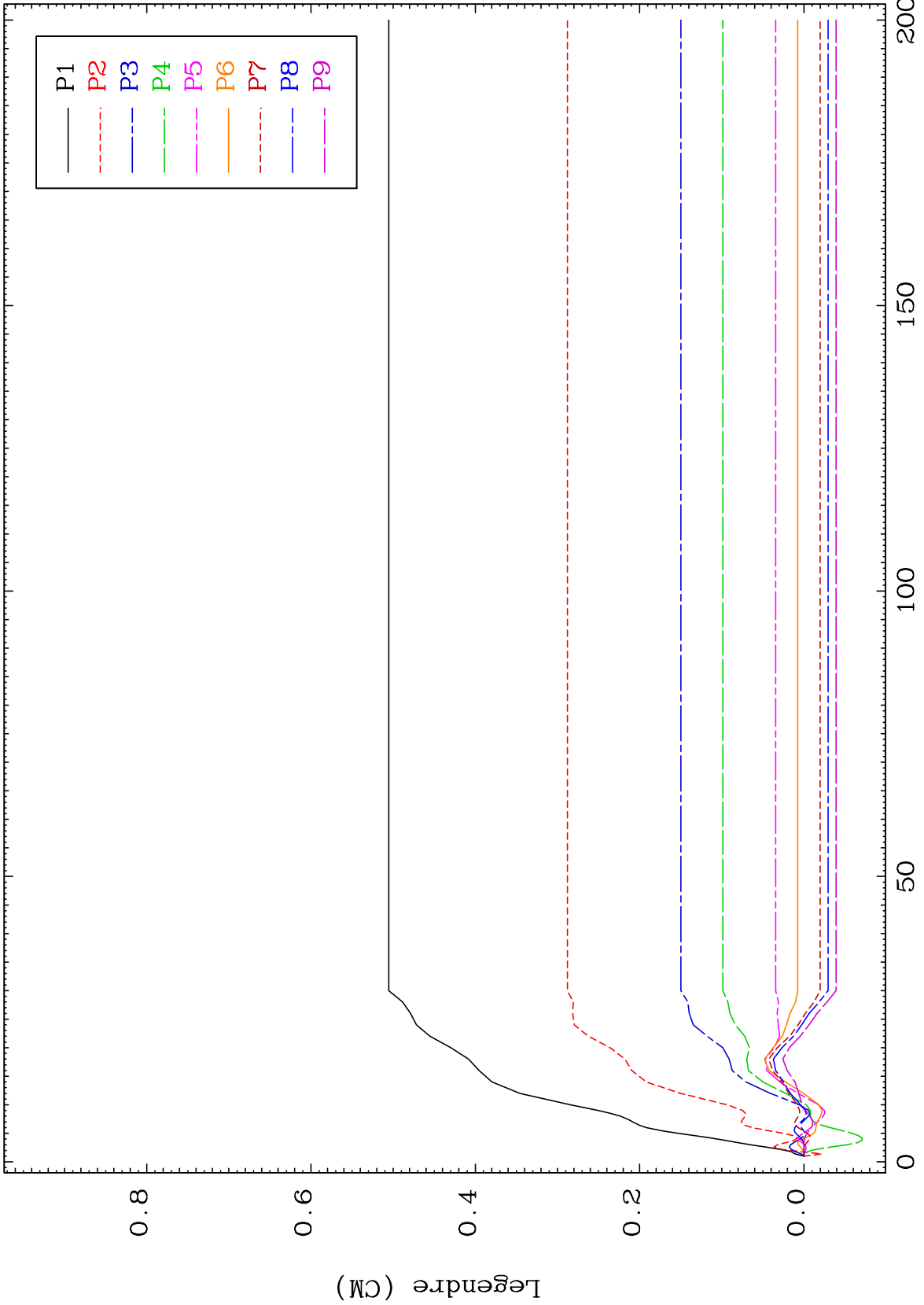


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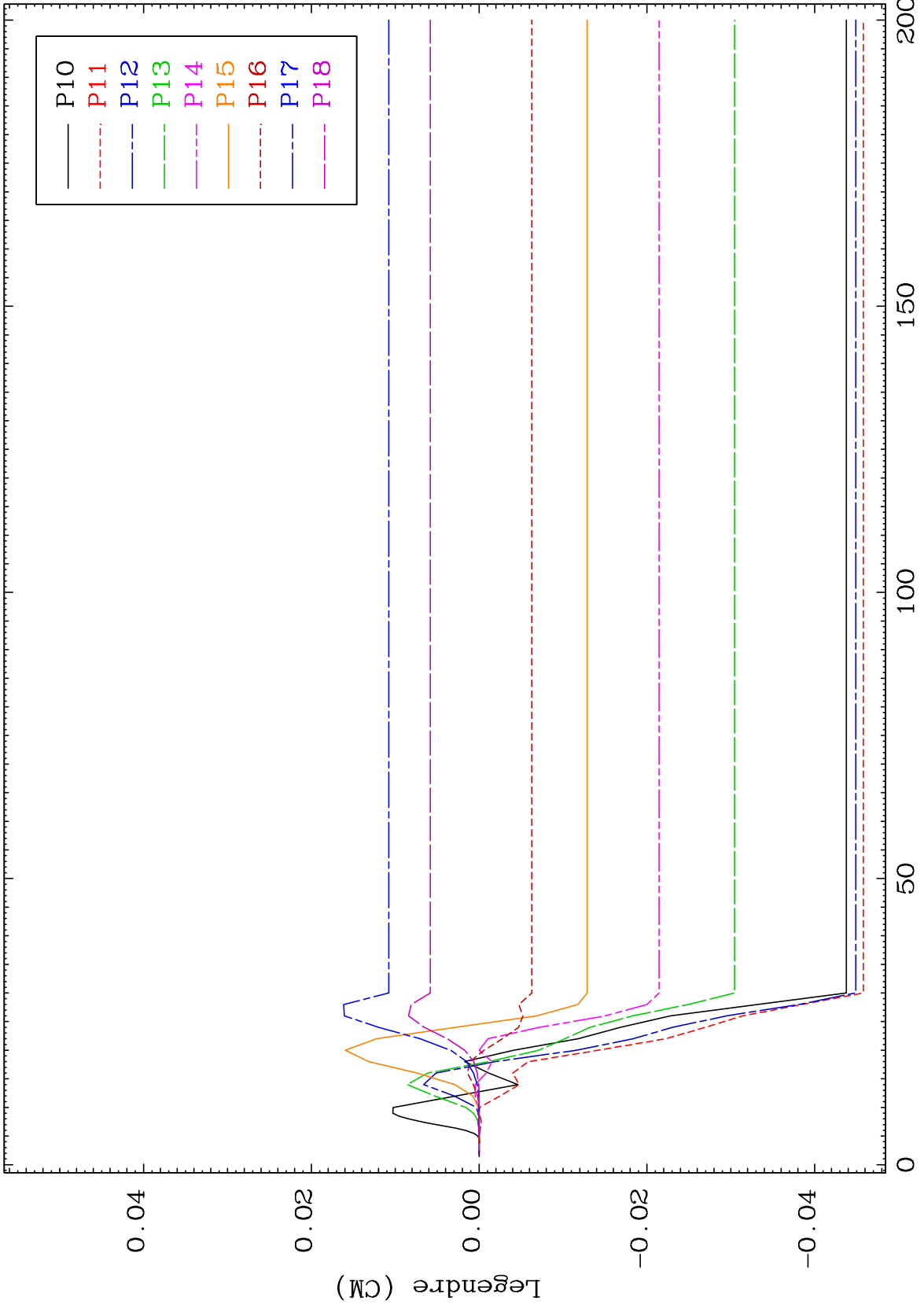
Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 57 (n,n') Level Legendre Coefficients 63-Eu-143



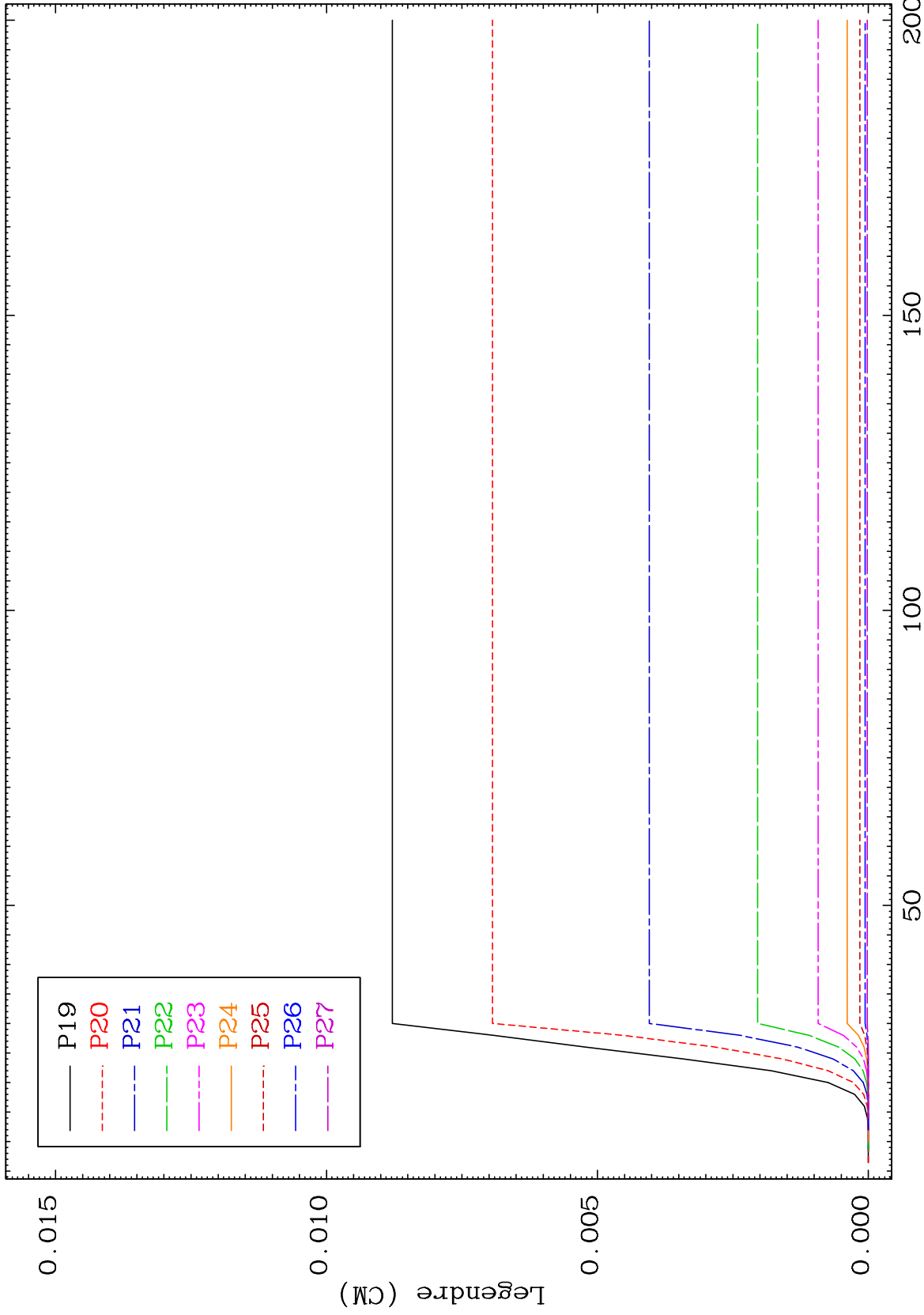
44 63-Eu-143



MAT 6301

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

63-Eu-143



46

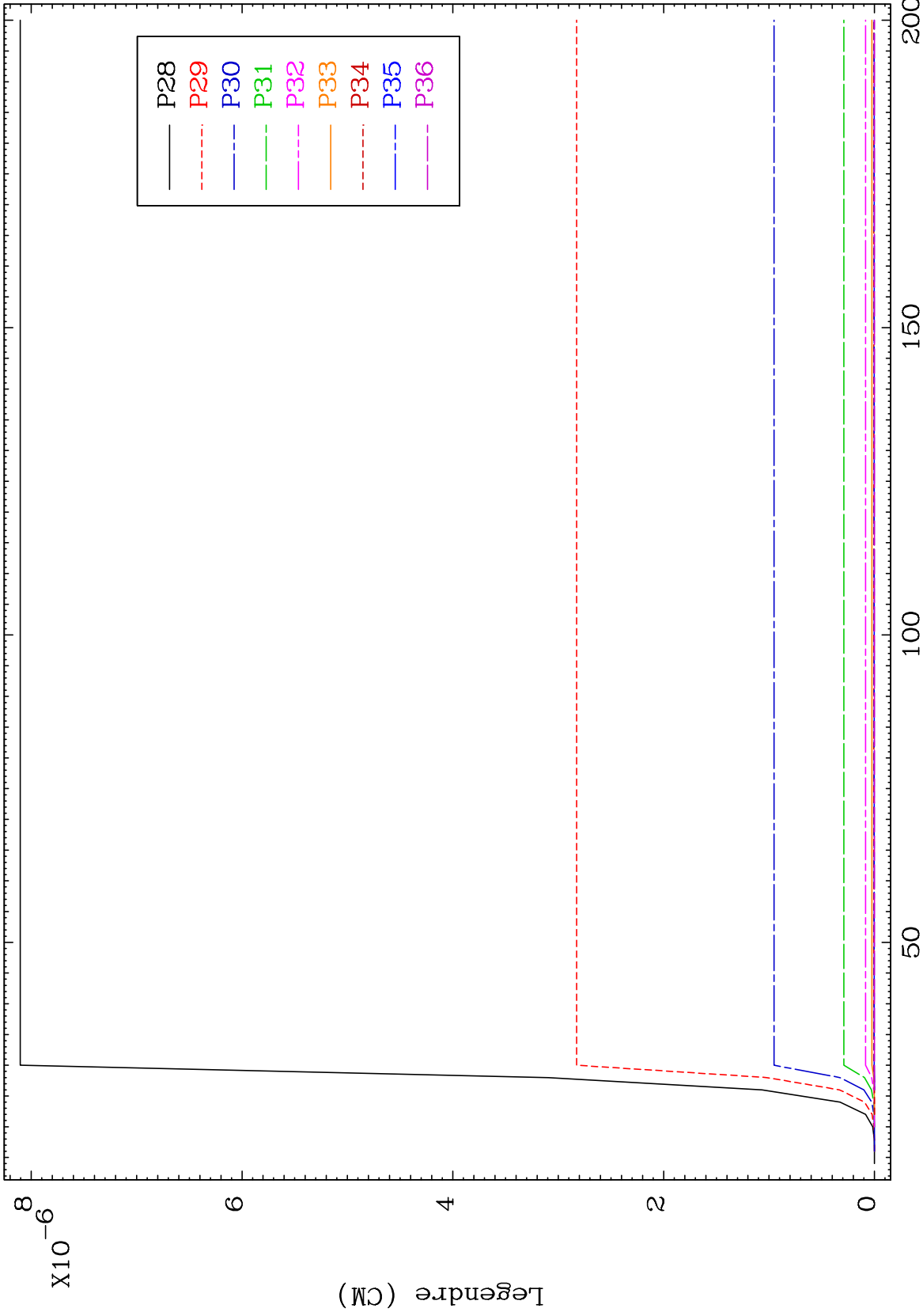
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143

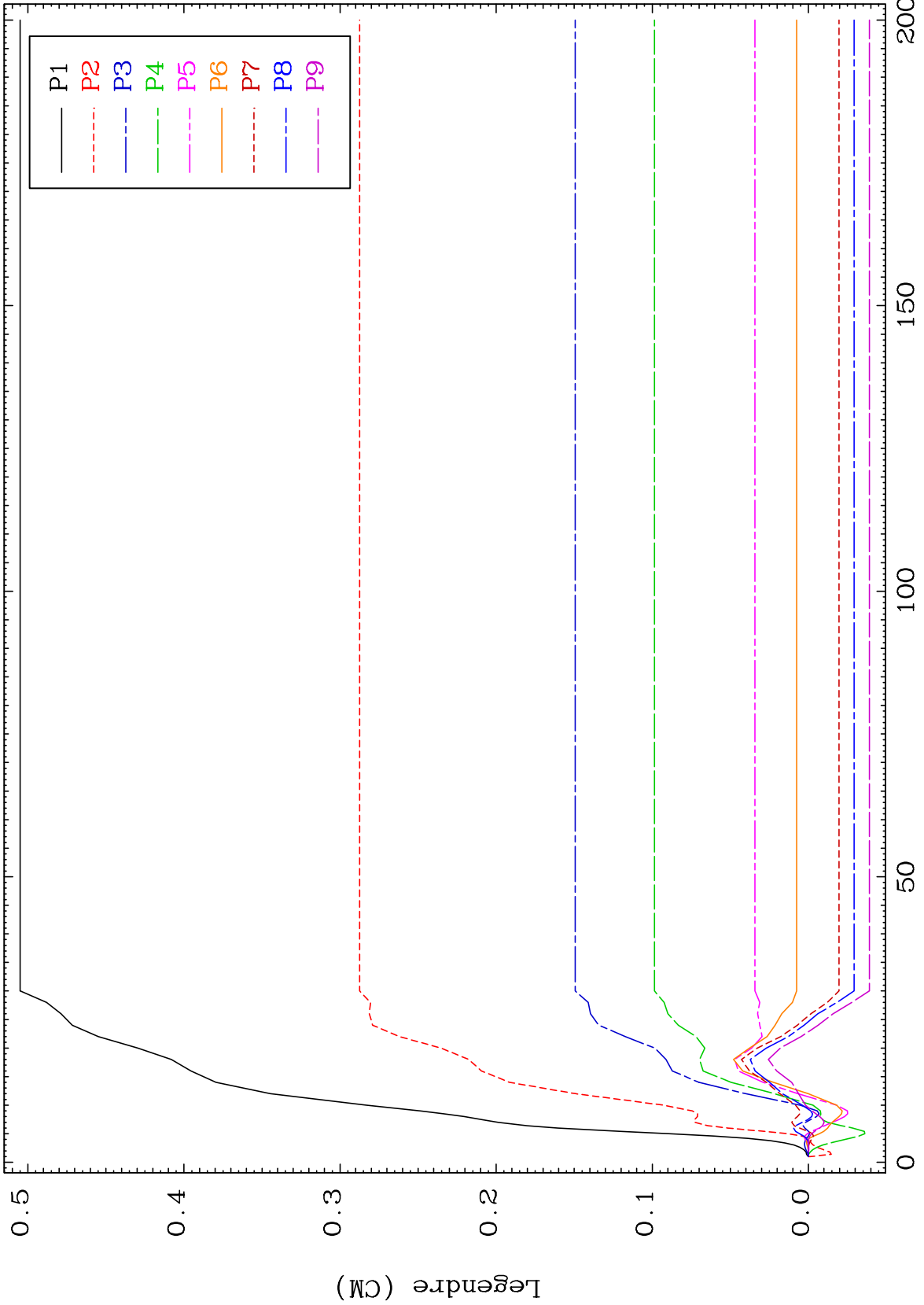


47

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 58 (n,n') Level 63-Eu-143
Legendre Coefficients

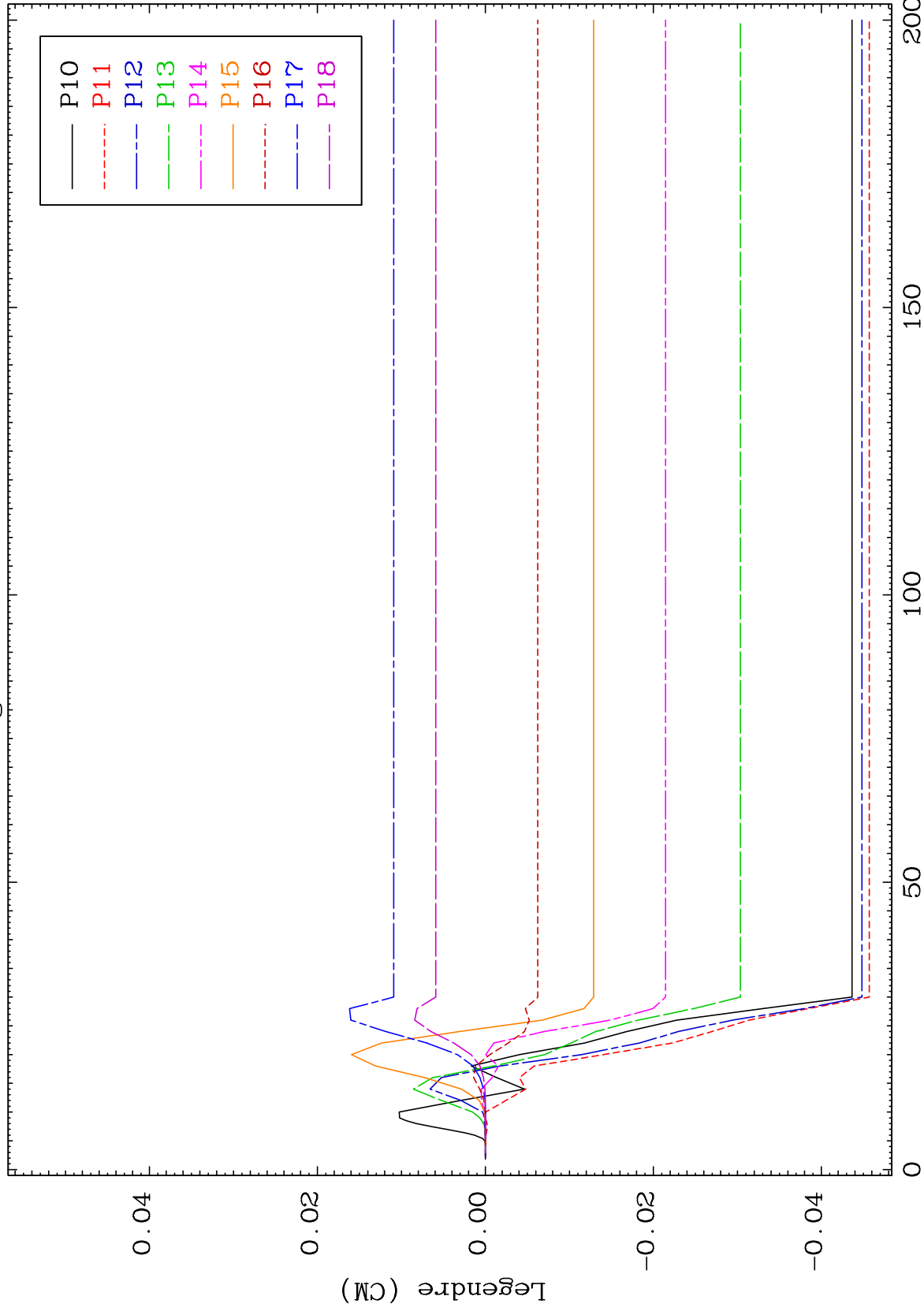


48 Incident Energy (MeV) 63-Eu-143

MAT 6301

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

63-Eu-143



49

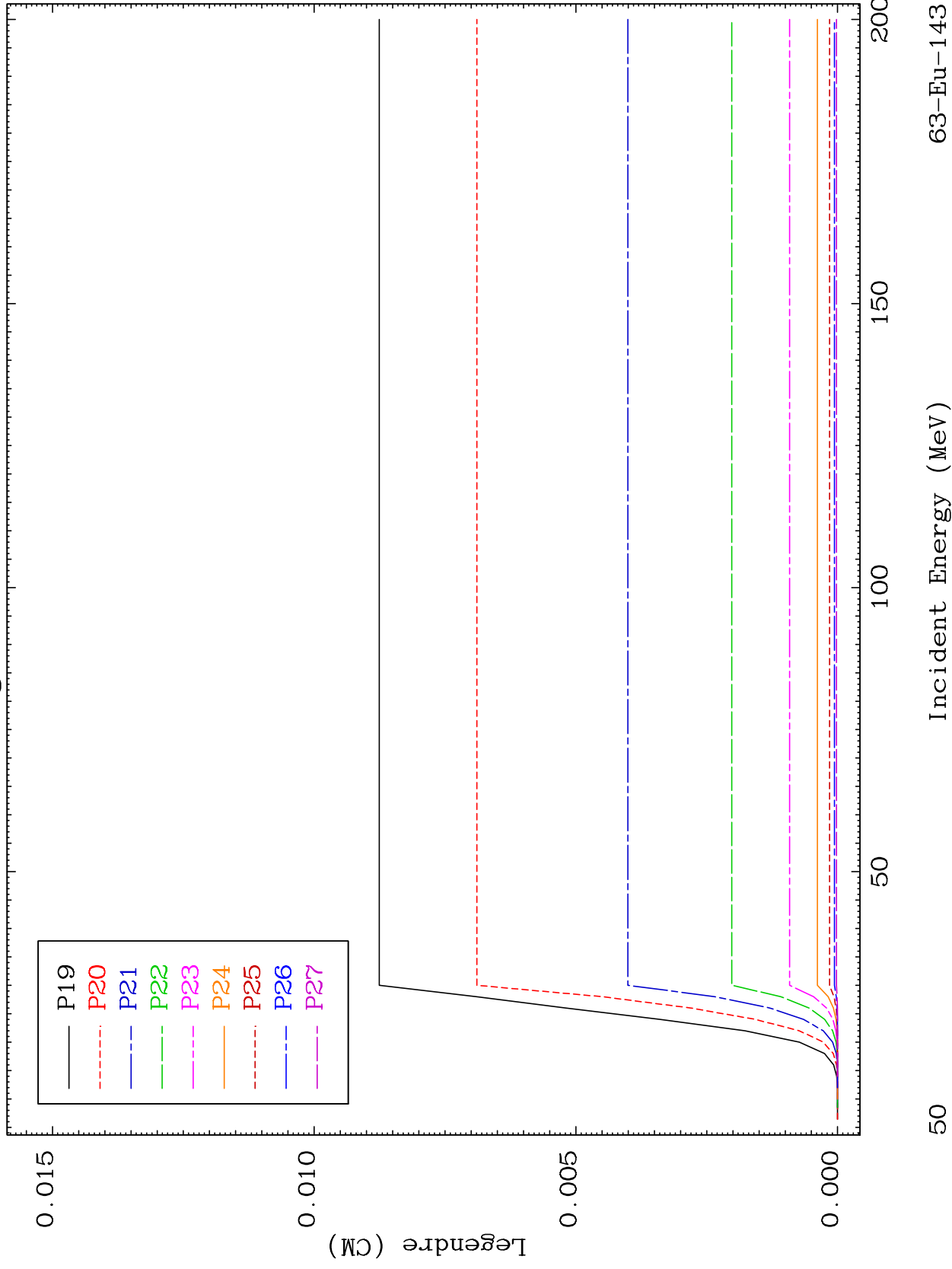
Incident Energy (MeV)

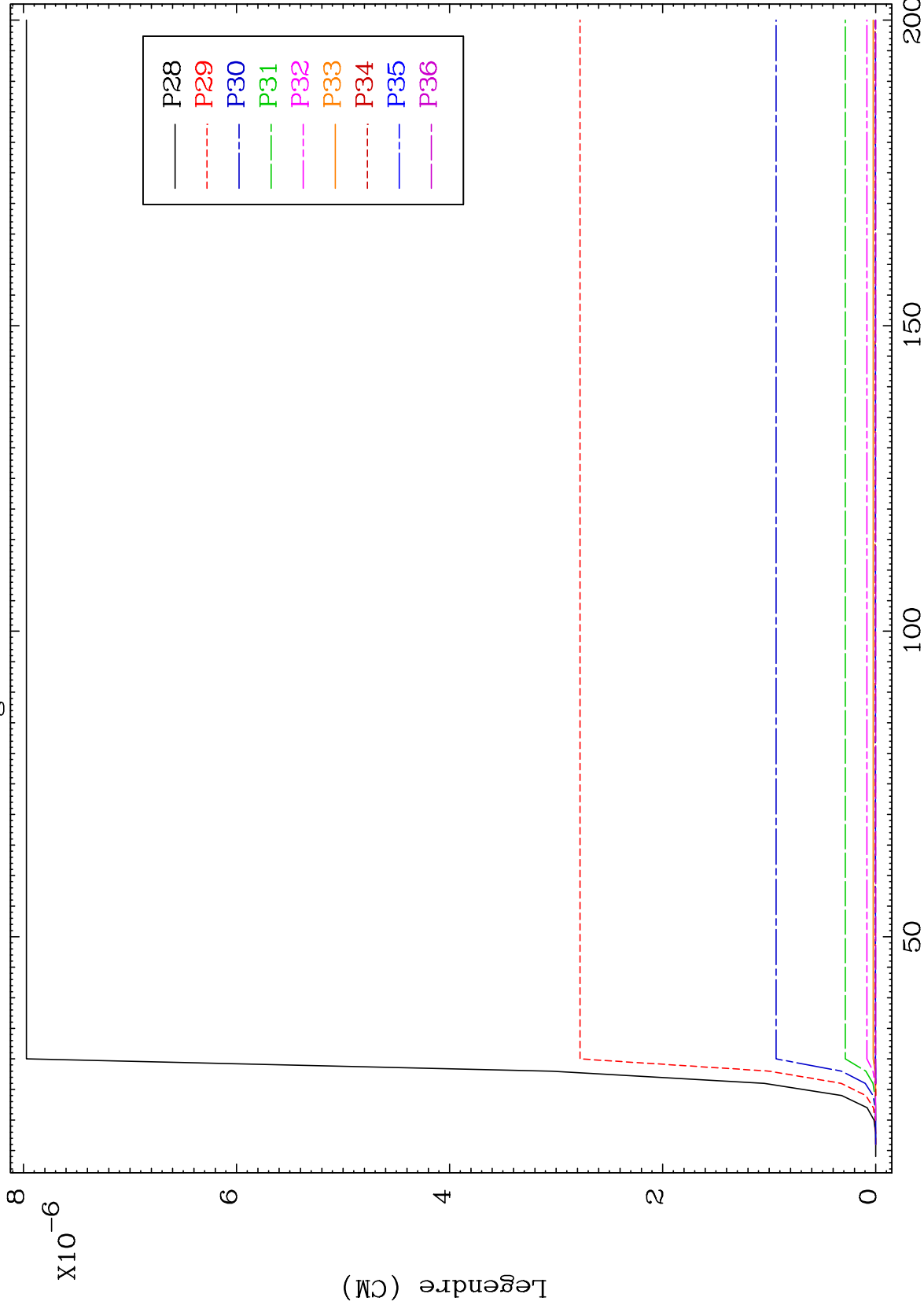
63-Eu-143

MAT 6301

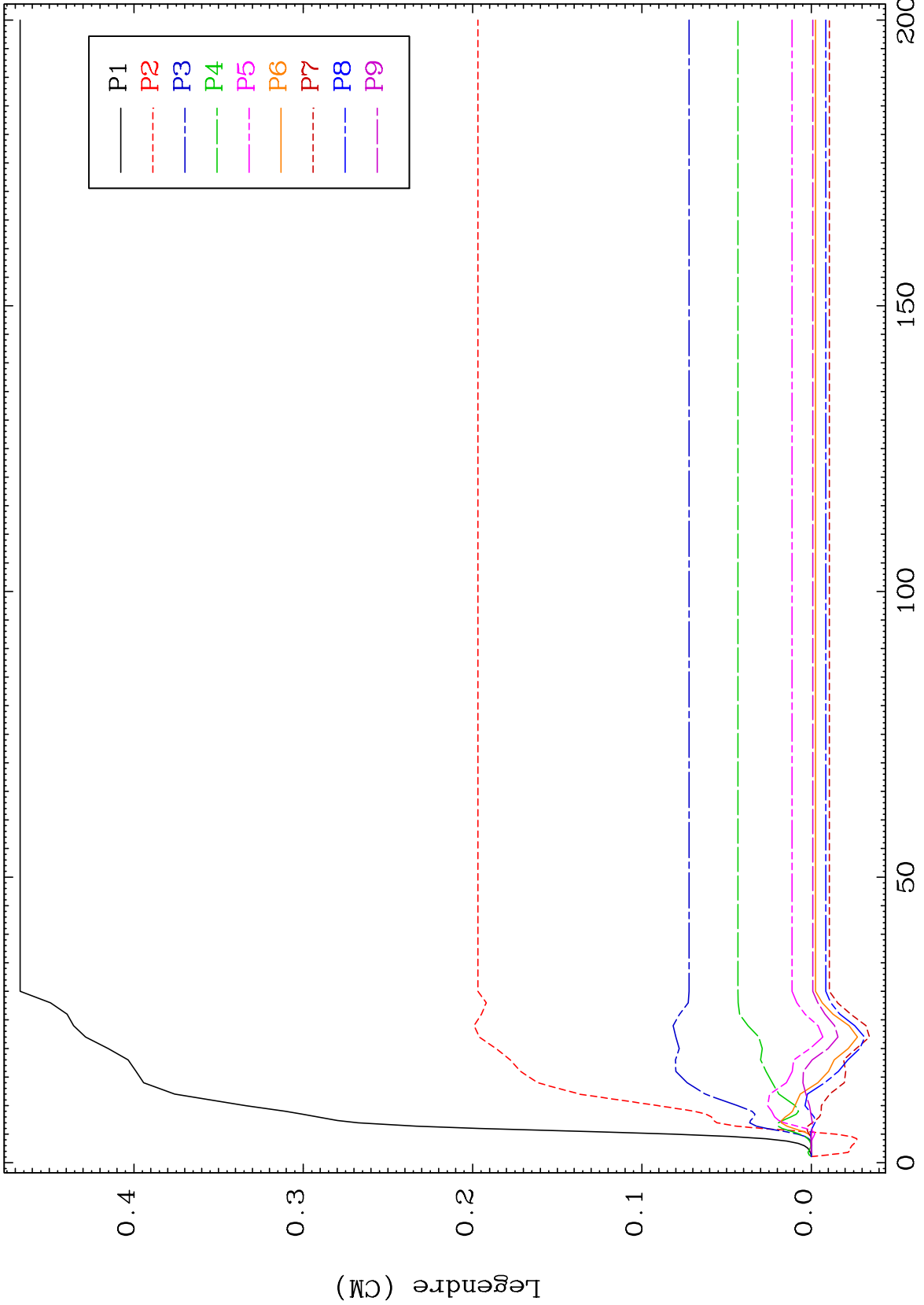
MT= 58 (n,n') Level
Legendre Coefficients

63-Eu-143

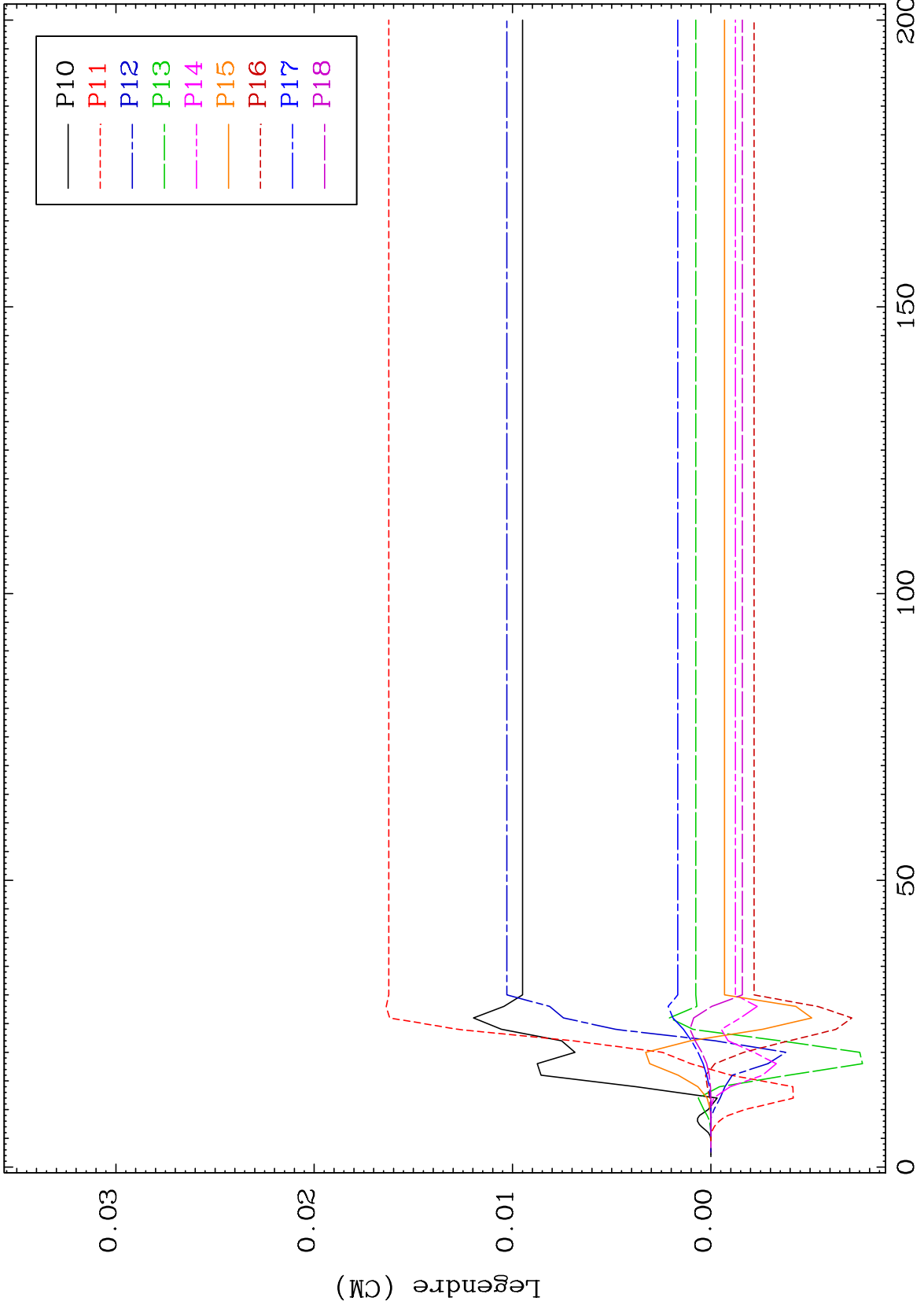




MAT 6301 MT= 59 (n,n') Level
Legendre Coefficients 63-Eu-143



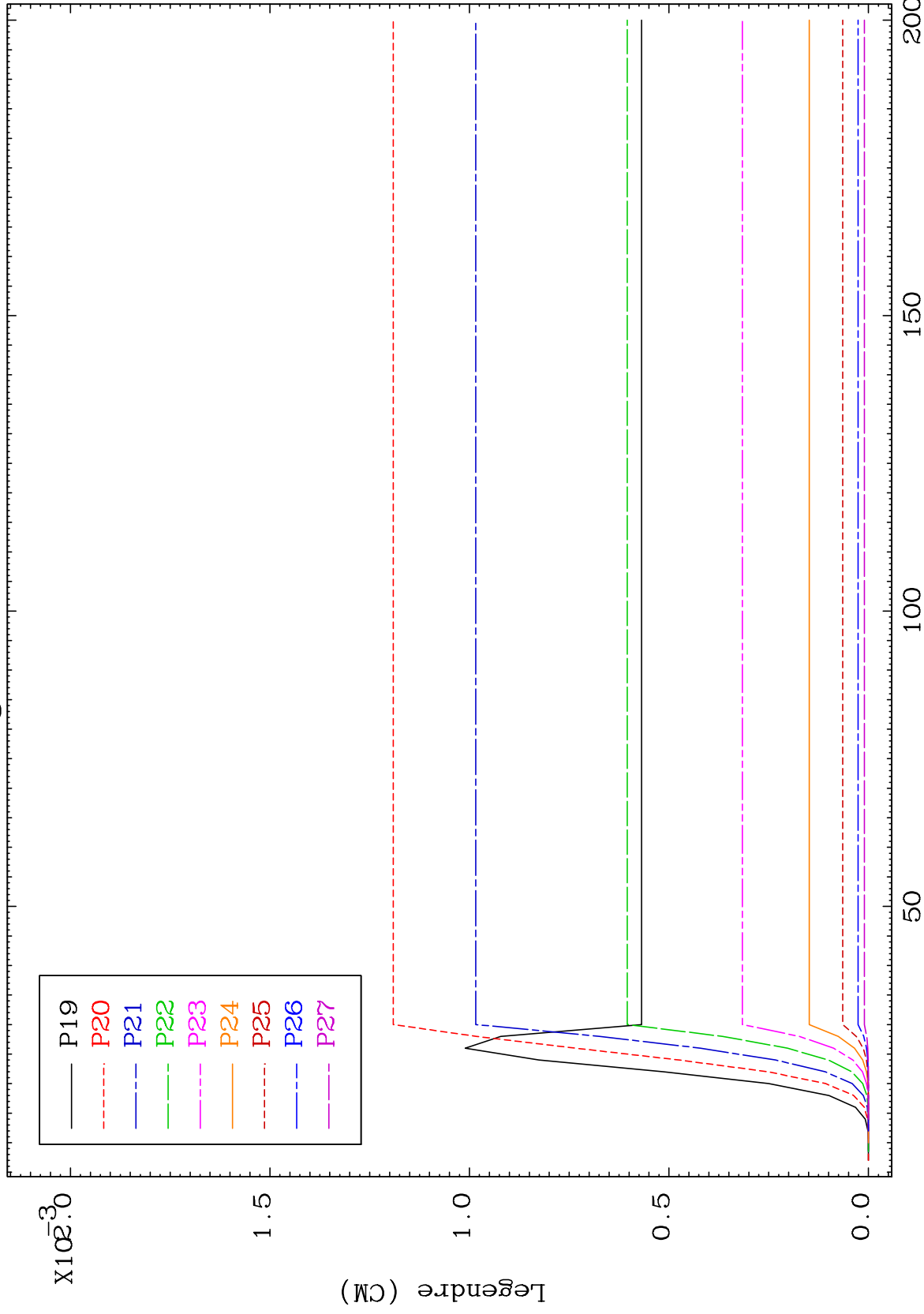
52 63-Eu-143



MAT 6301

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

63-Eu-143



54

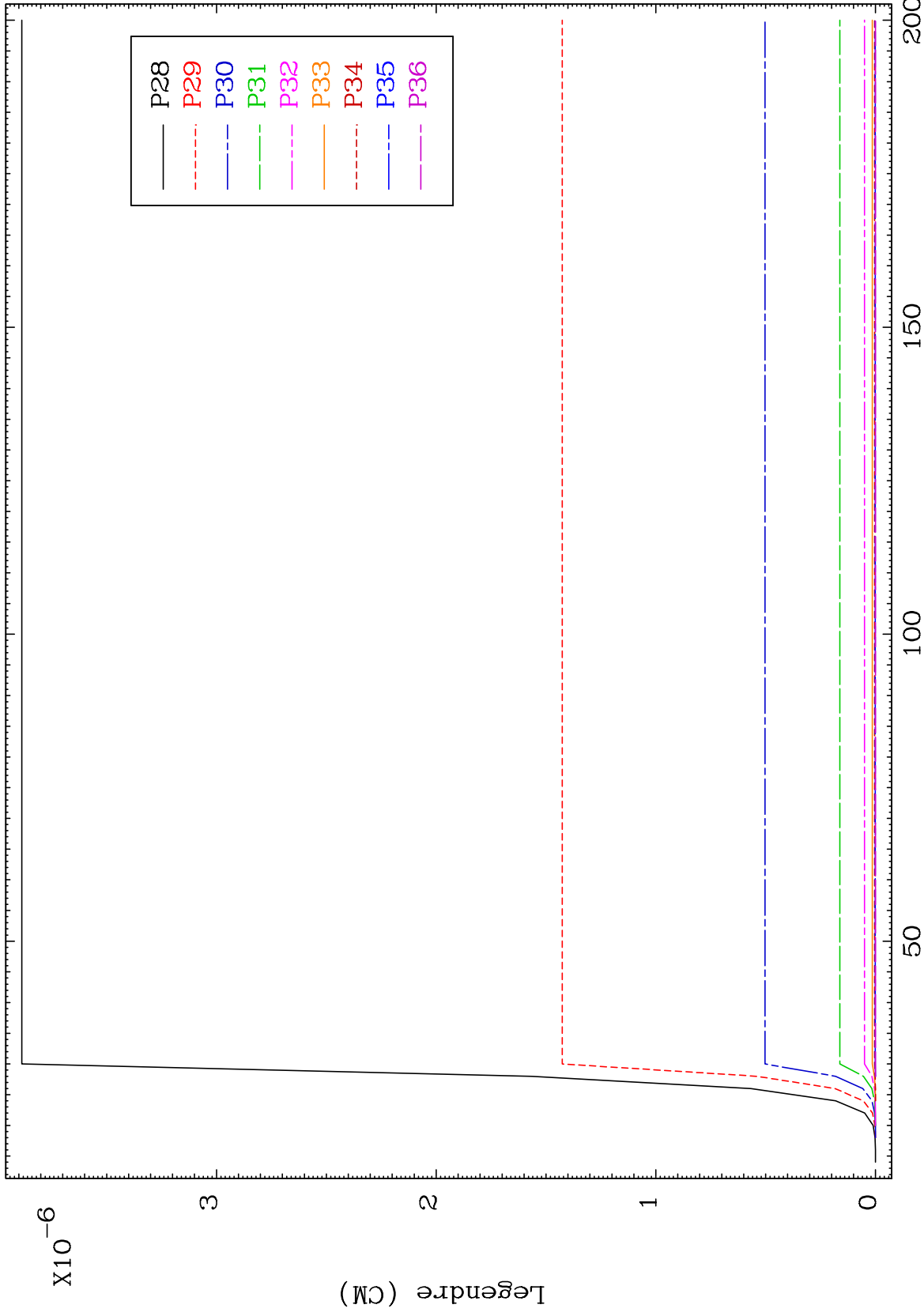
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



55

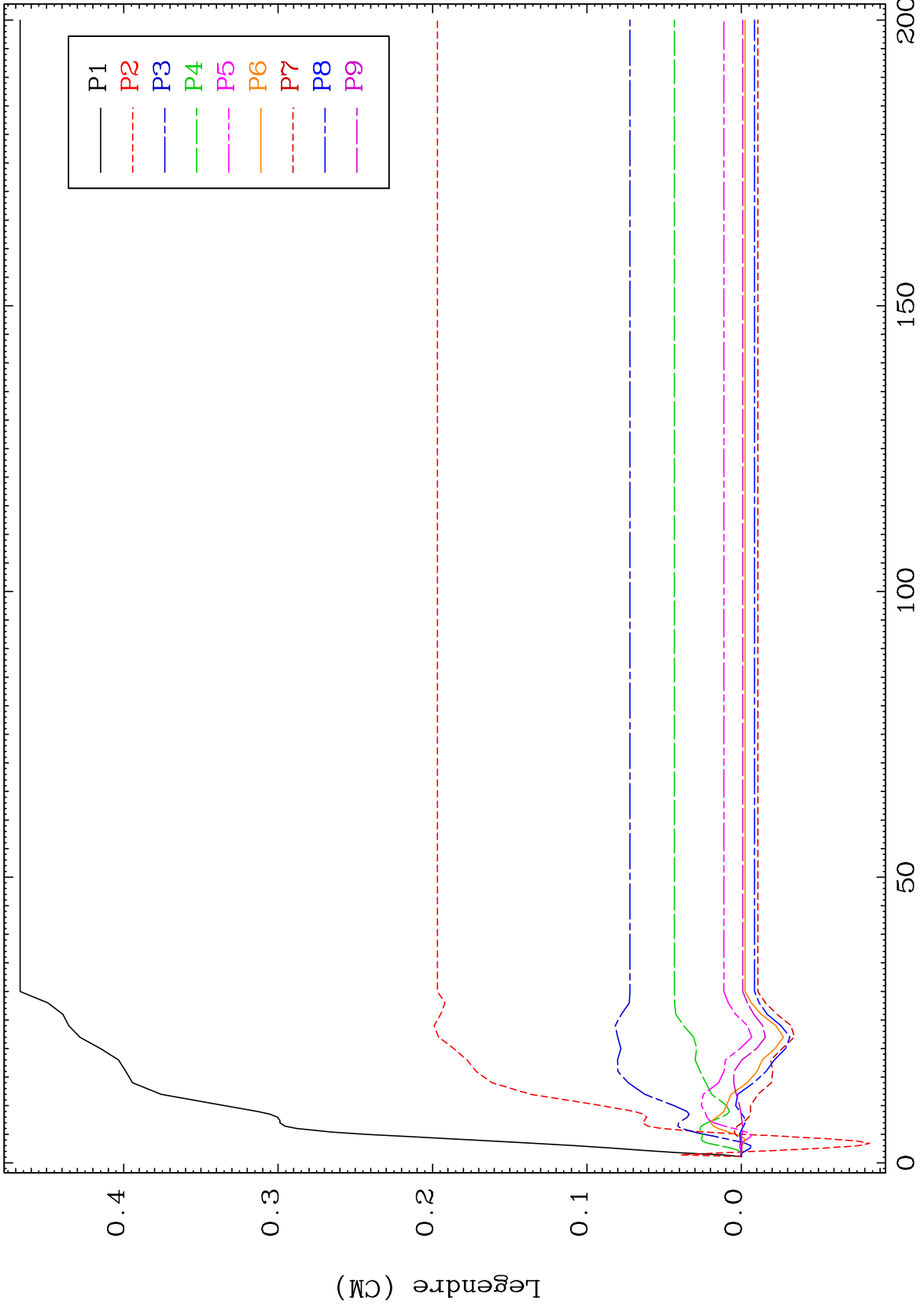
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

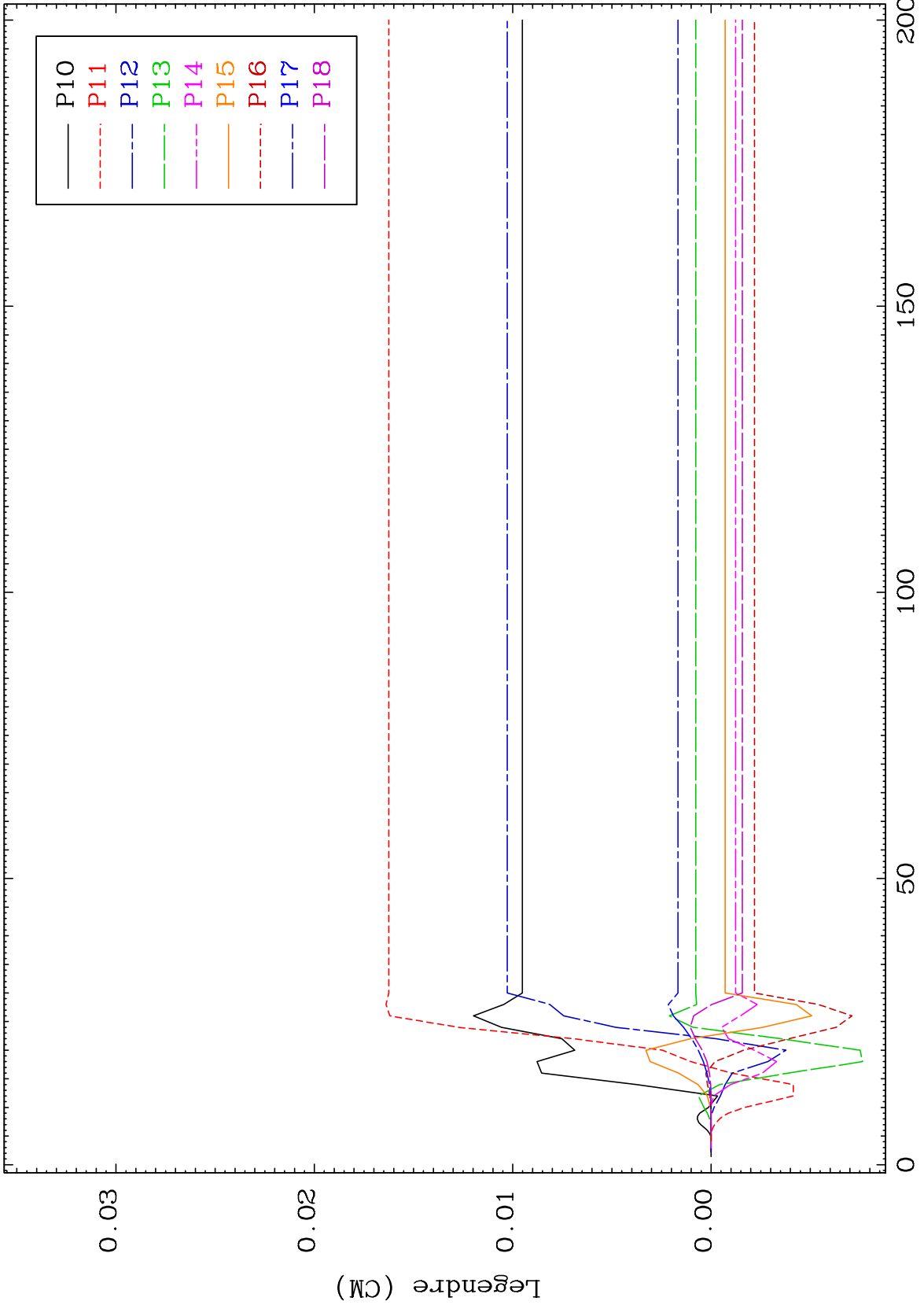
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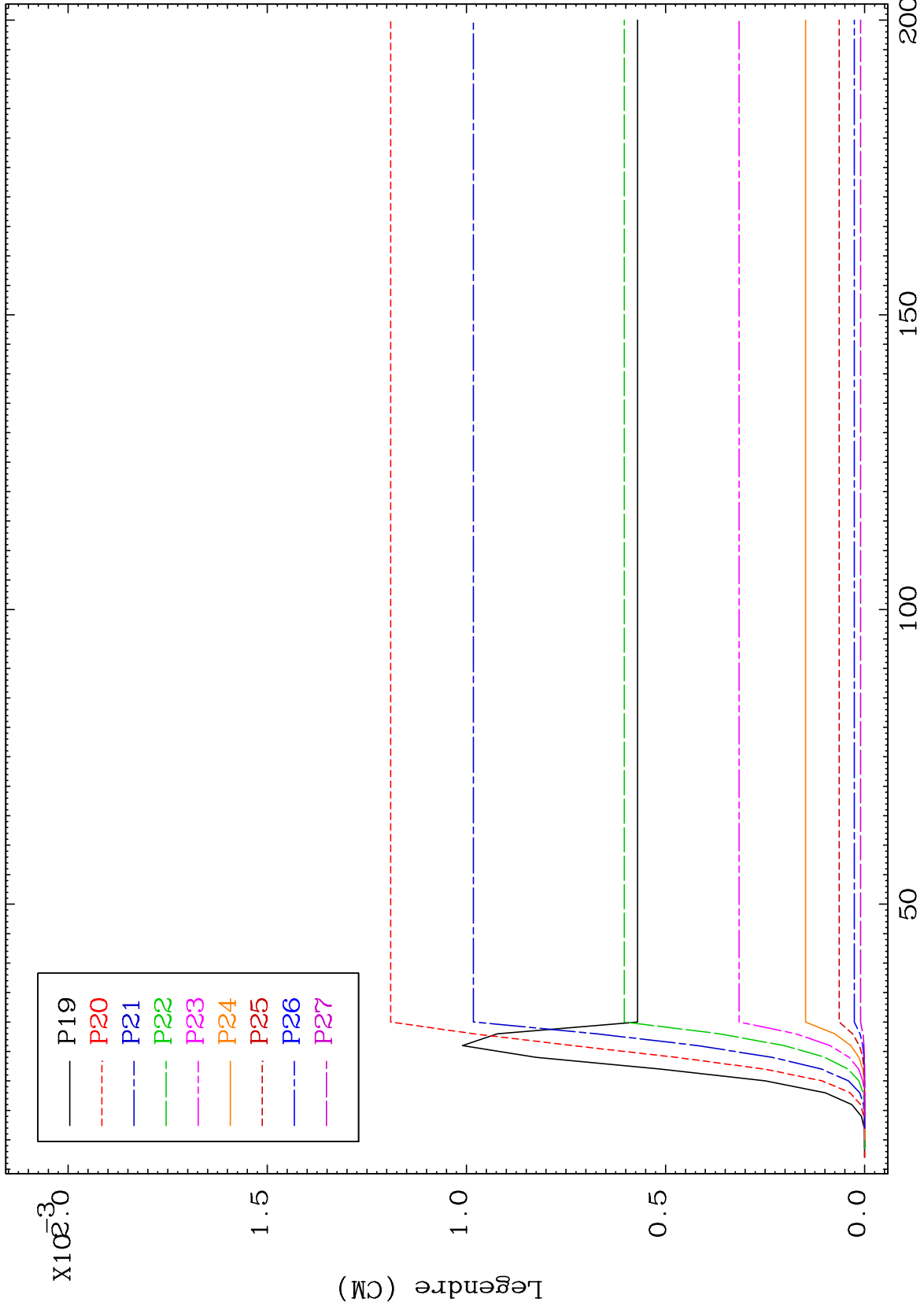


56

Incident Energy (MeV)

63-Eu-143

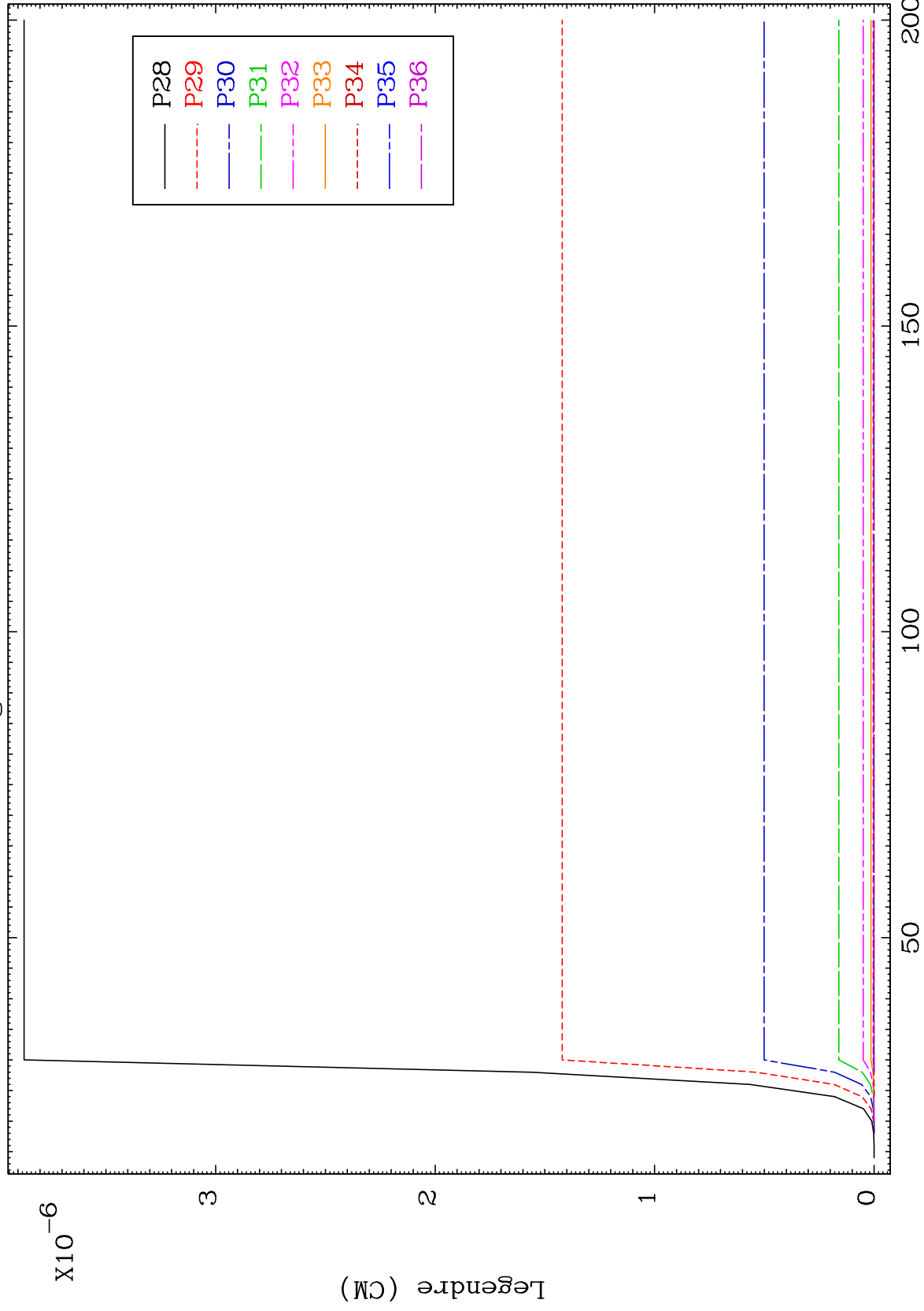




MAT 6301

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

63-Eu-143

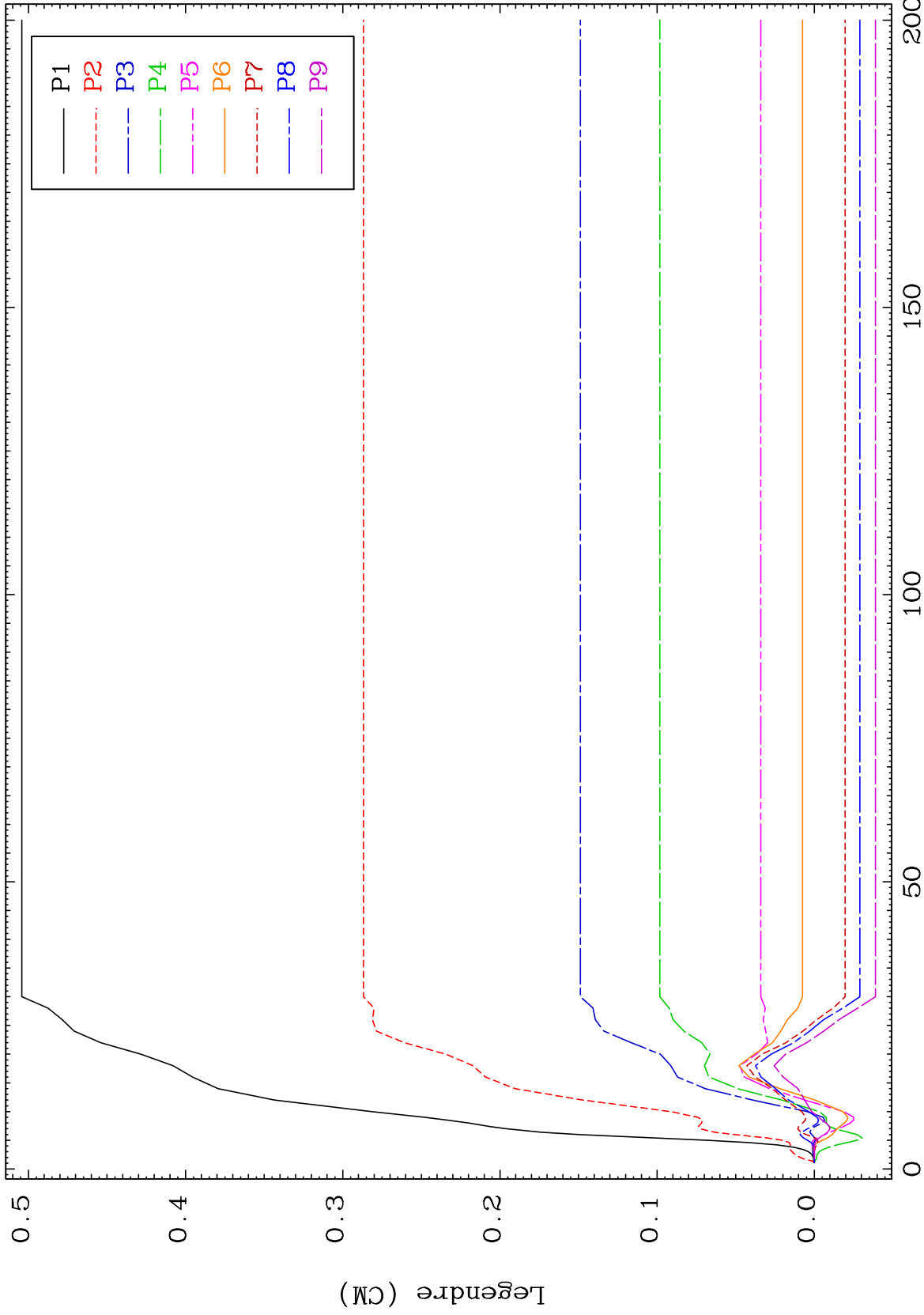


59

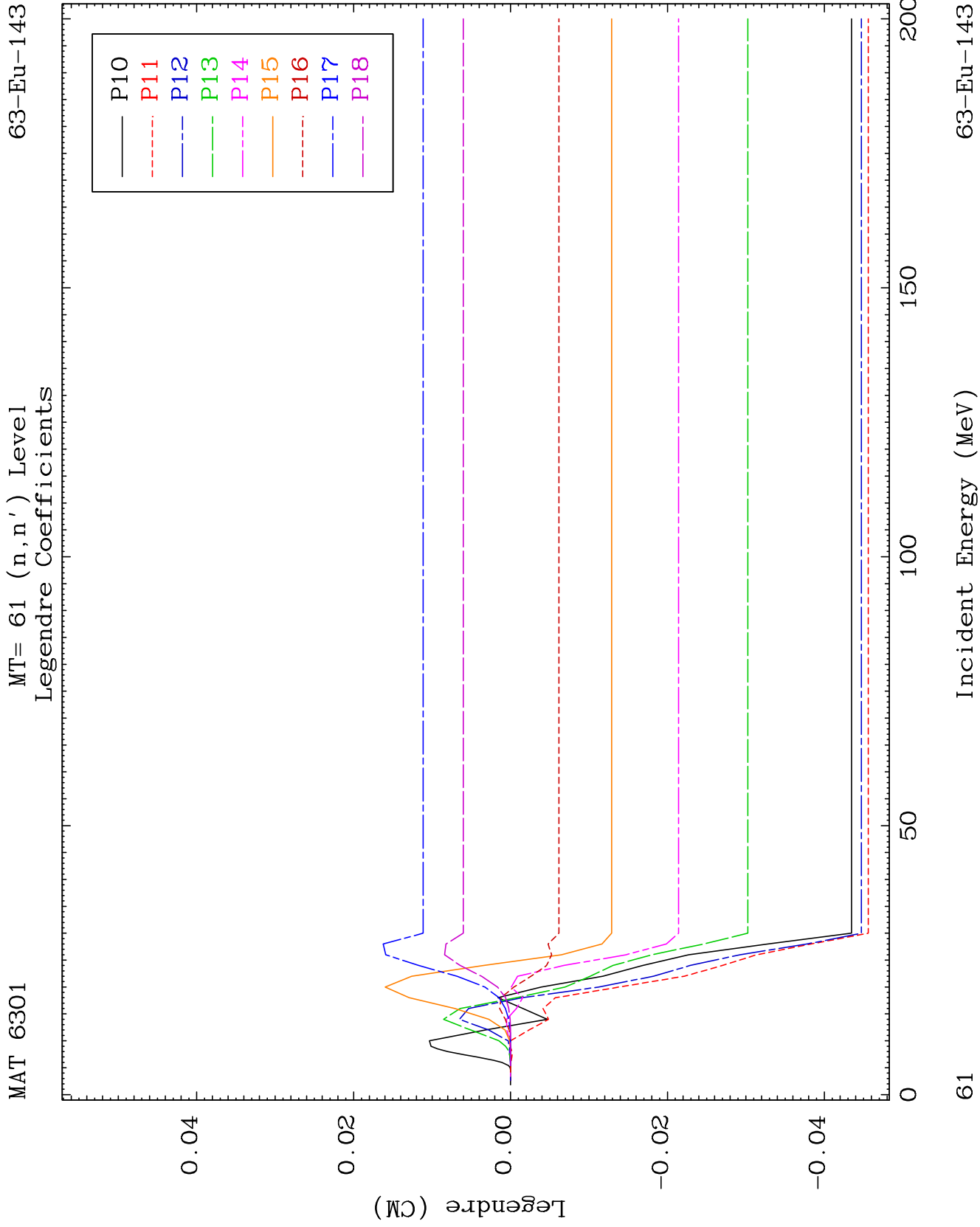
Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 61 (n,n') Level 63-Eu-143
Legendre Coefficients



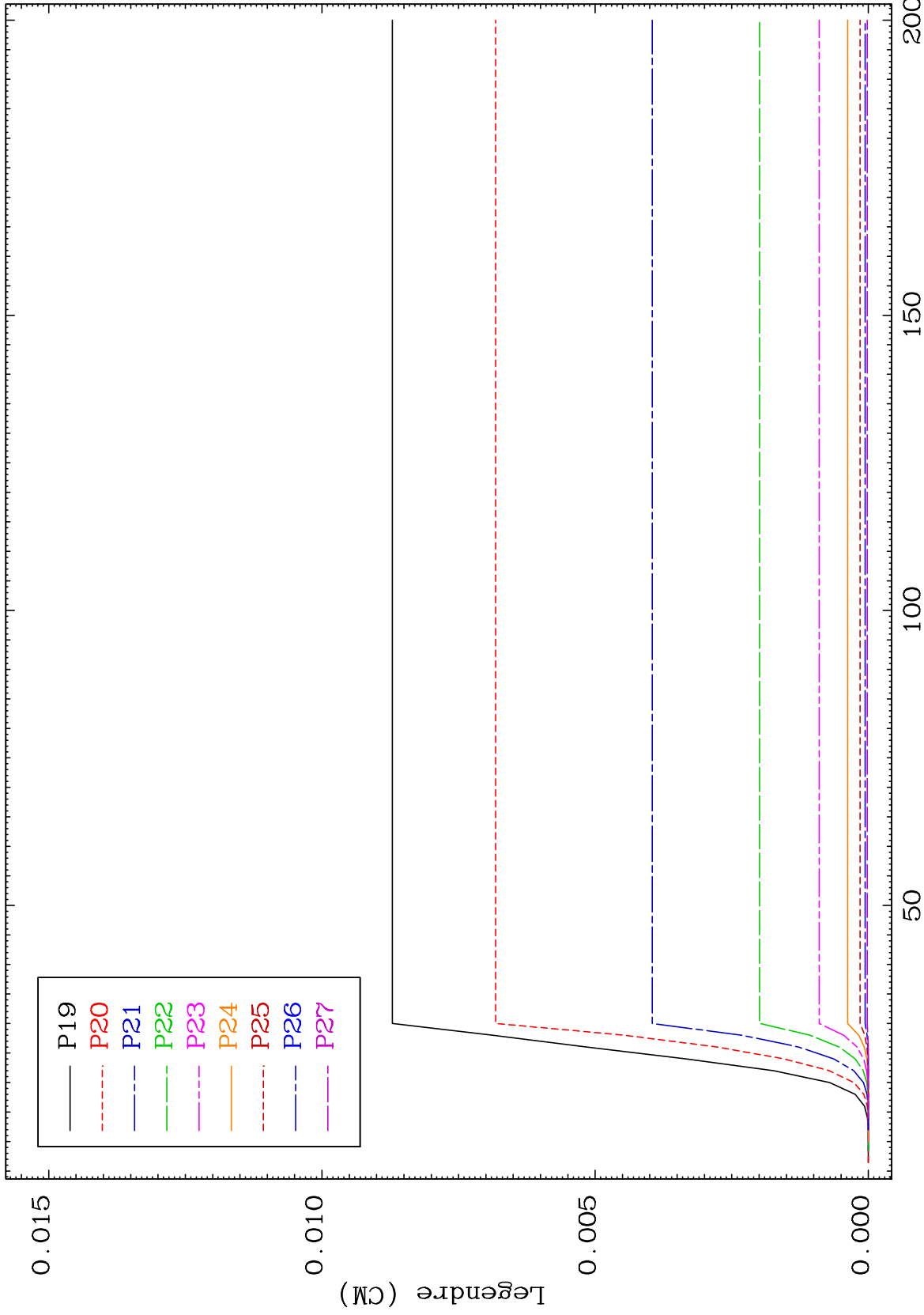
63-Eu-143



MAT 6301

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

63-Eu-143



62

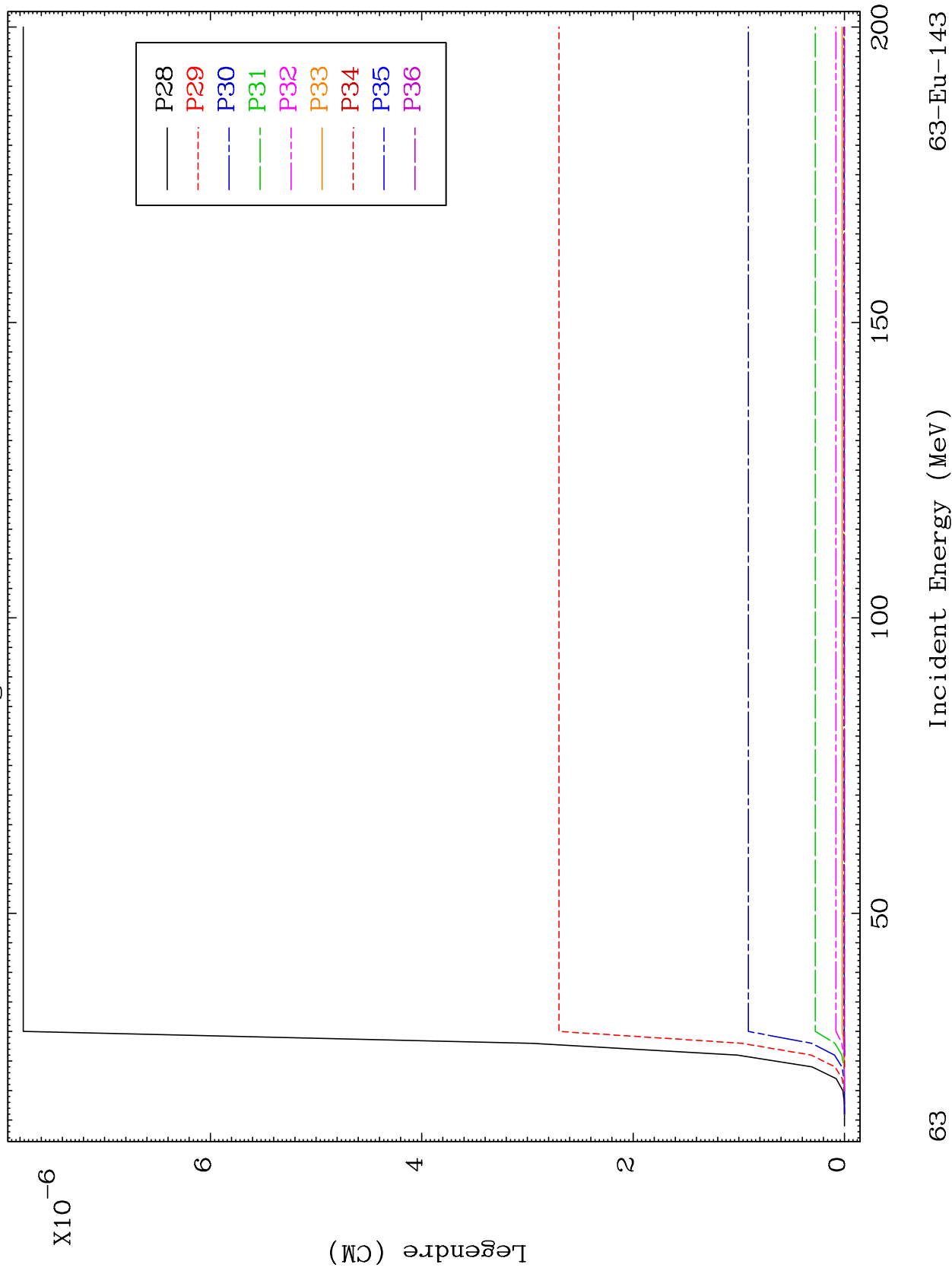
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

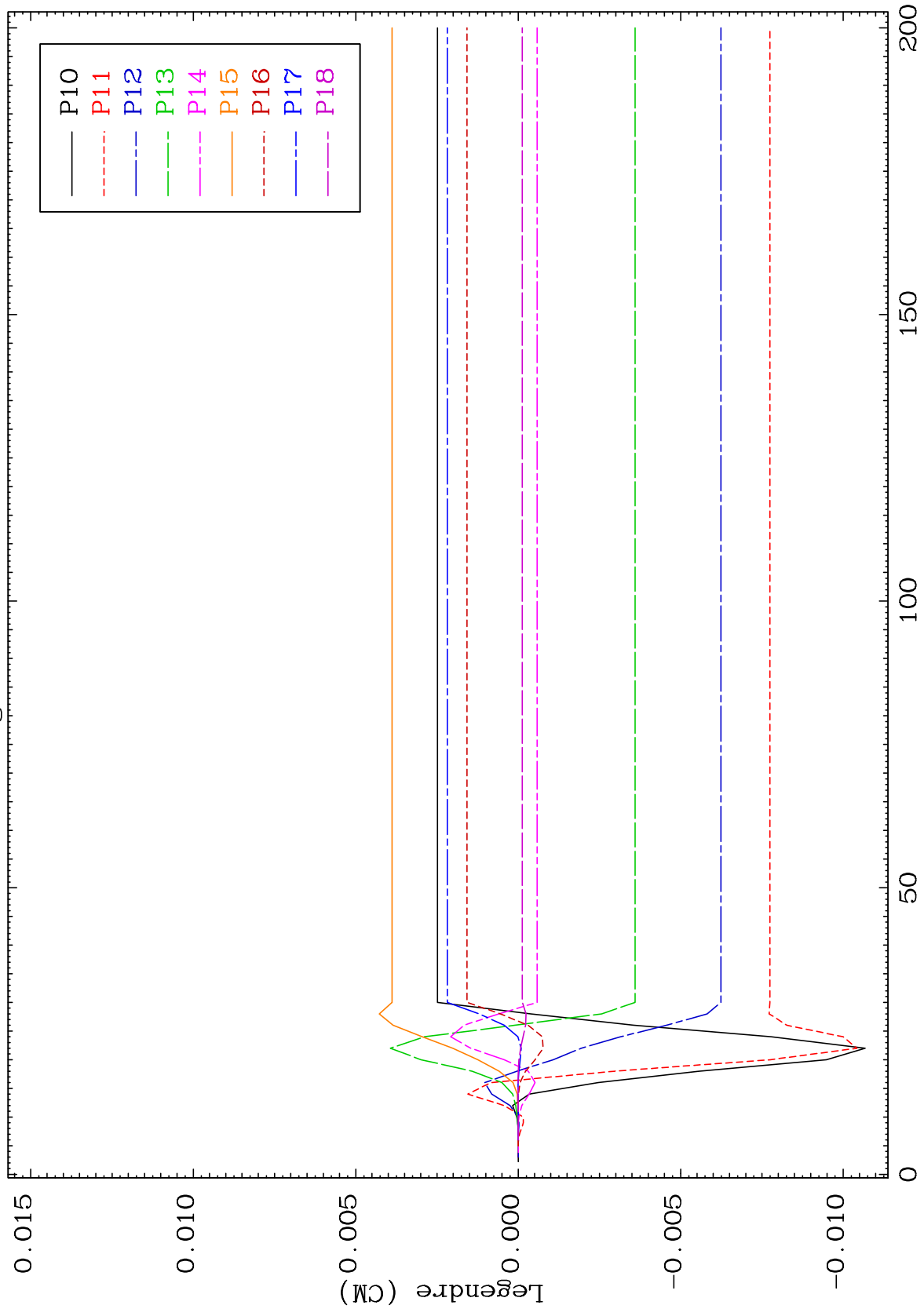
63-Eu-143



MAT 6301

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

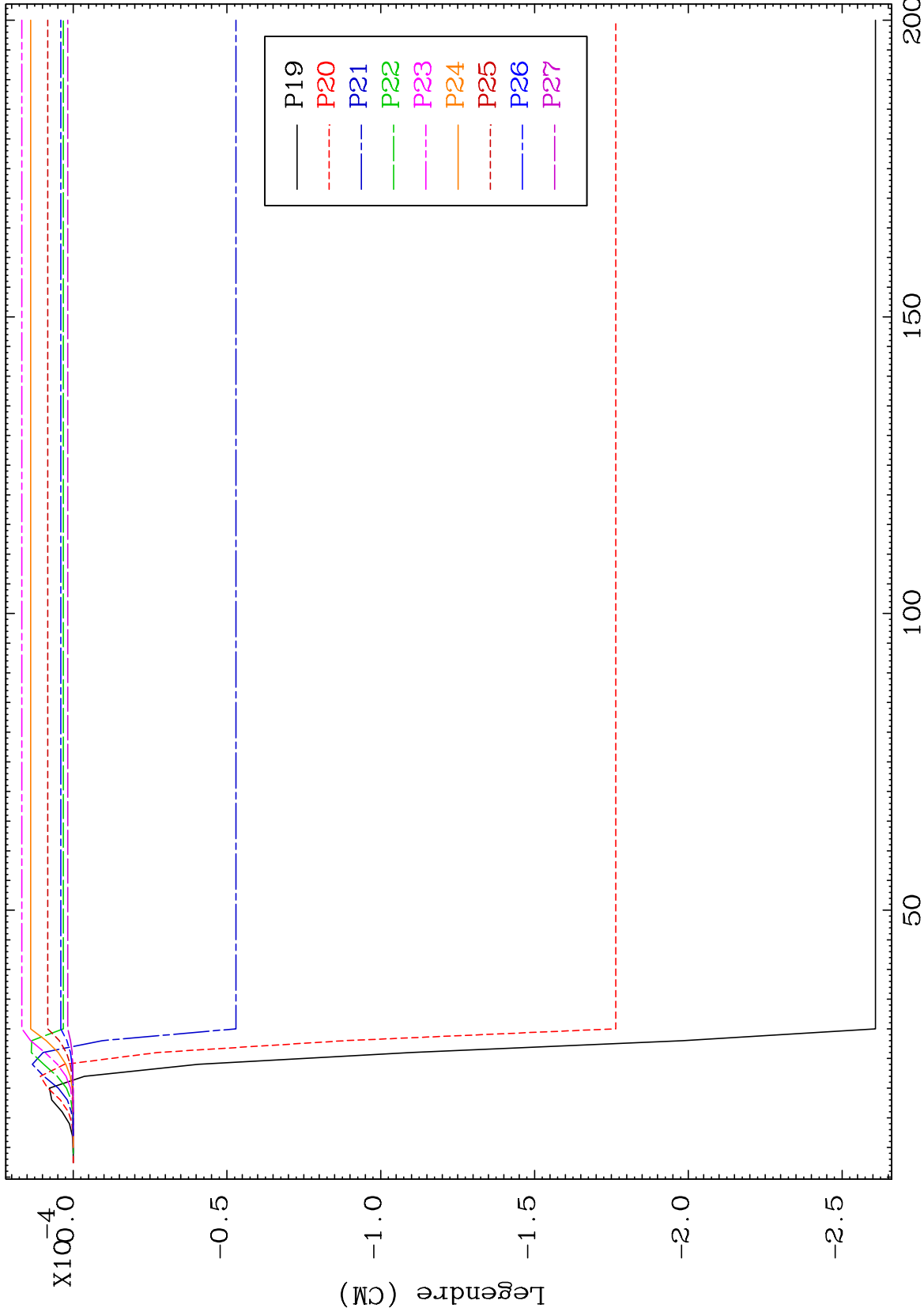
63-Eu-143

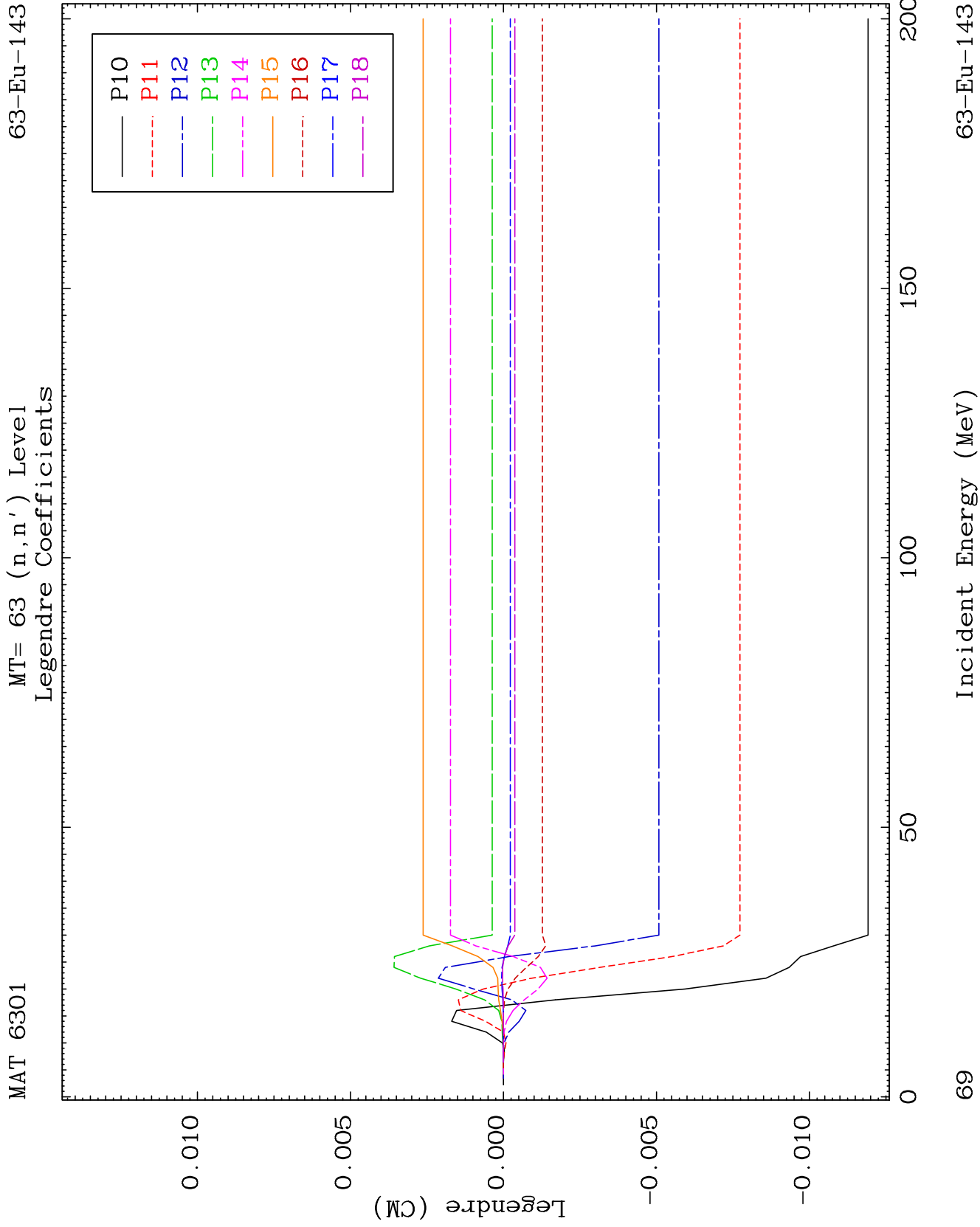


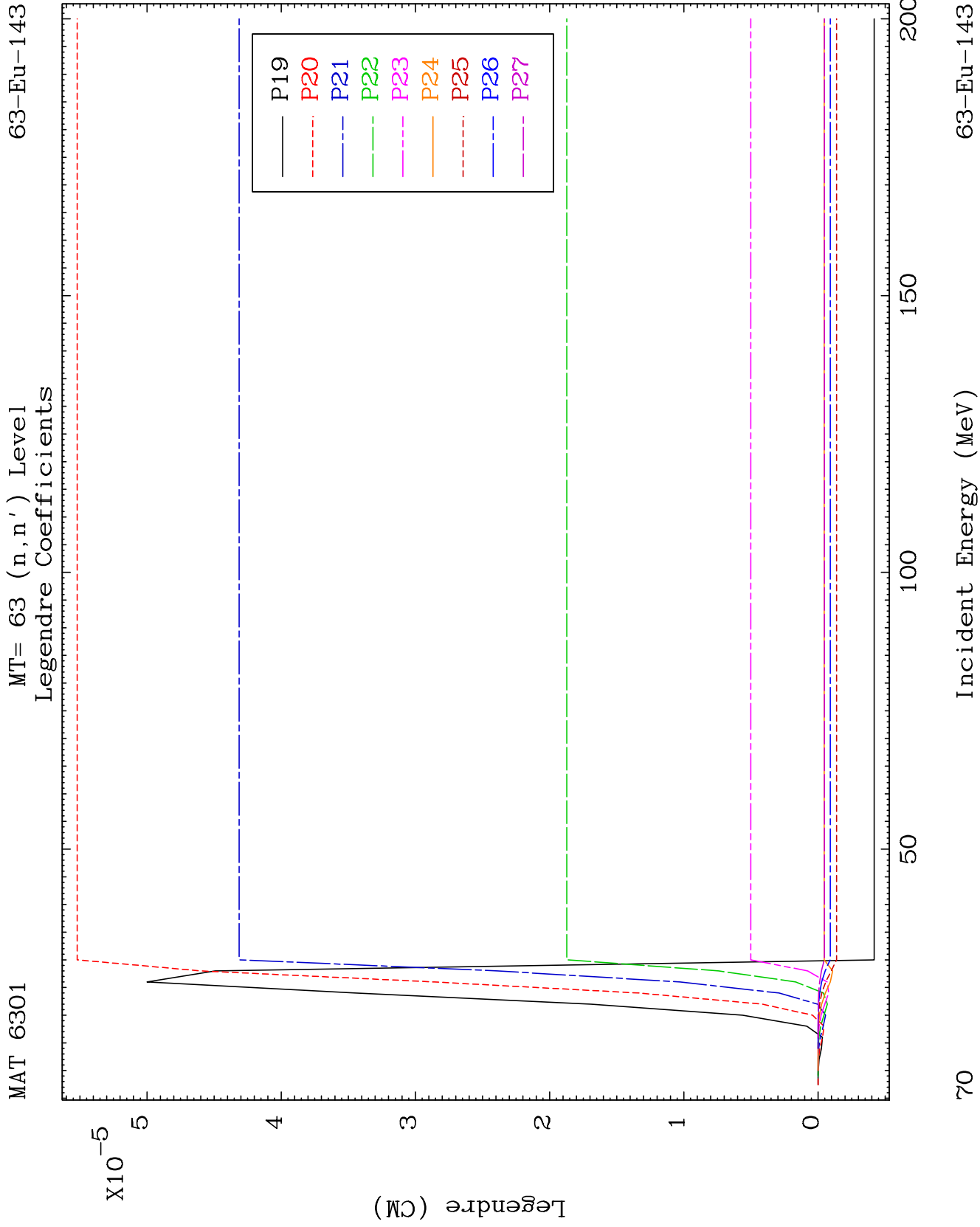
59

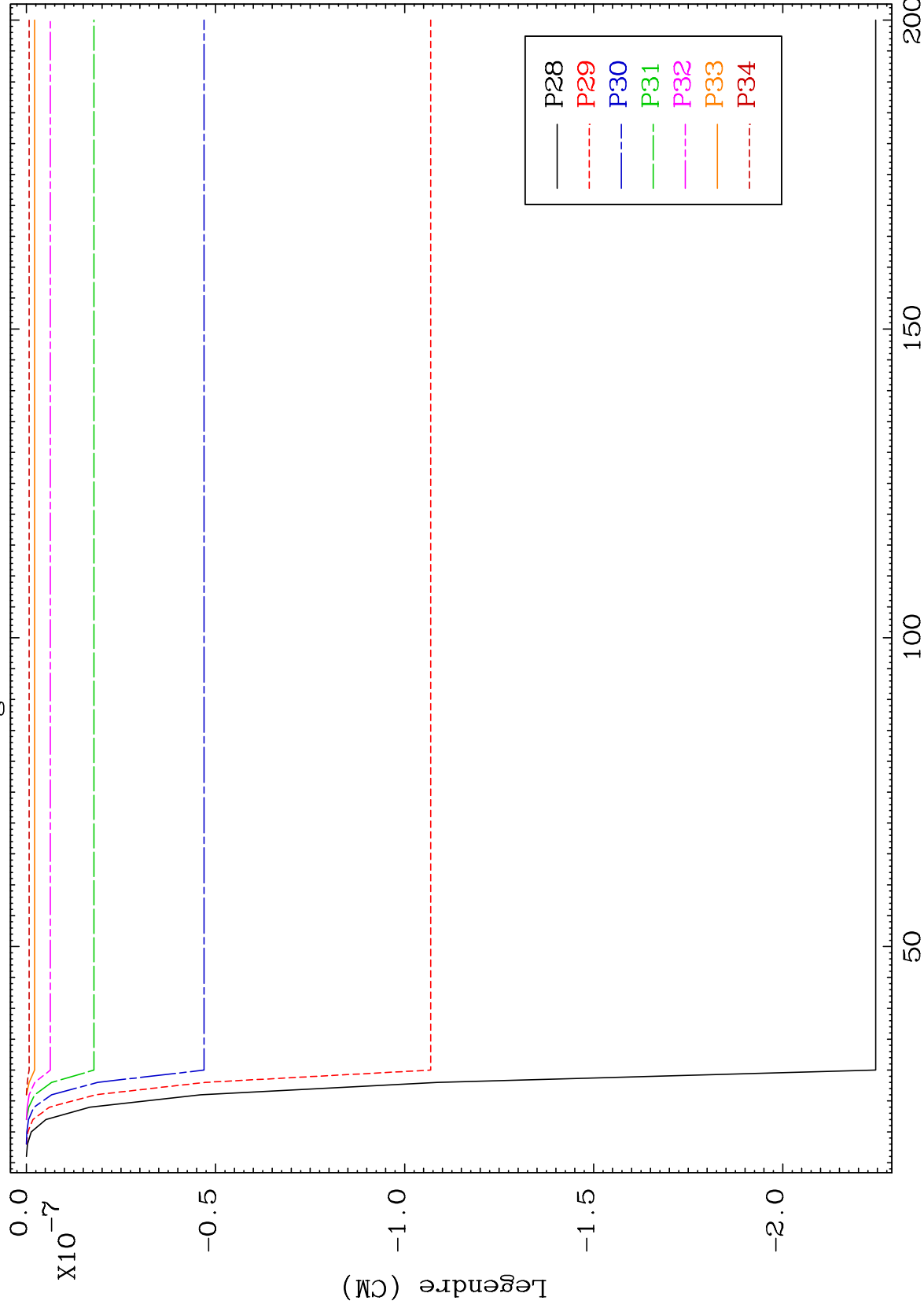
Incident Energy (MeV)

63-Eu-143





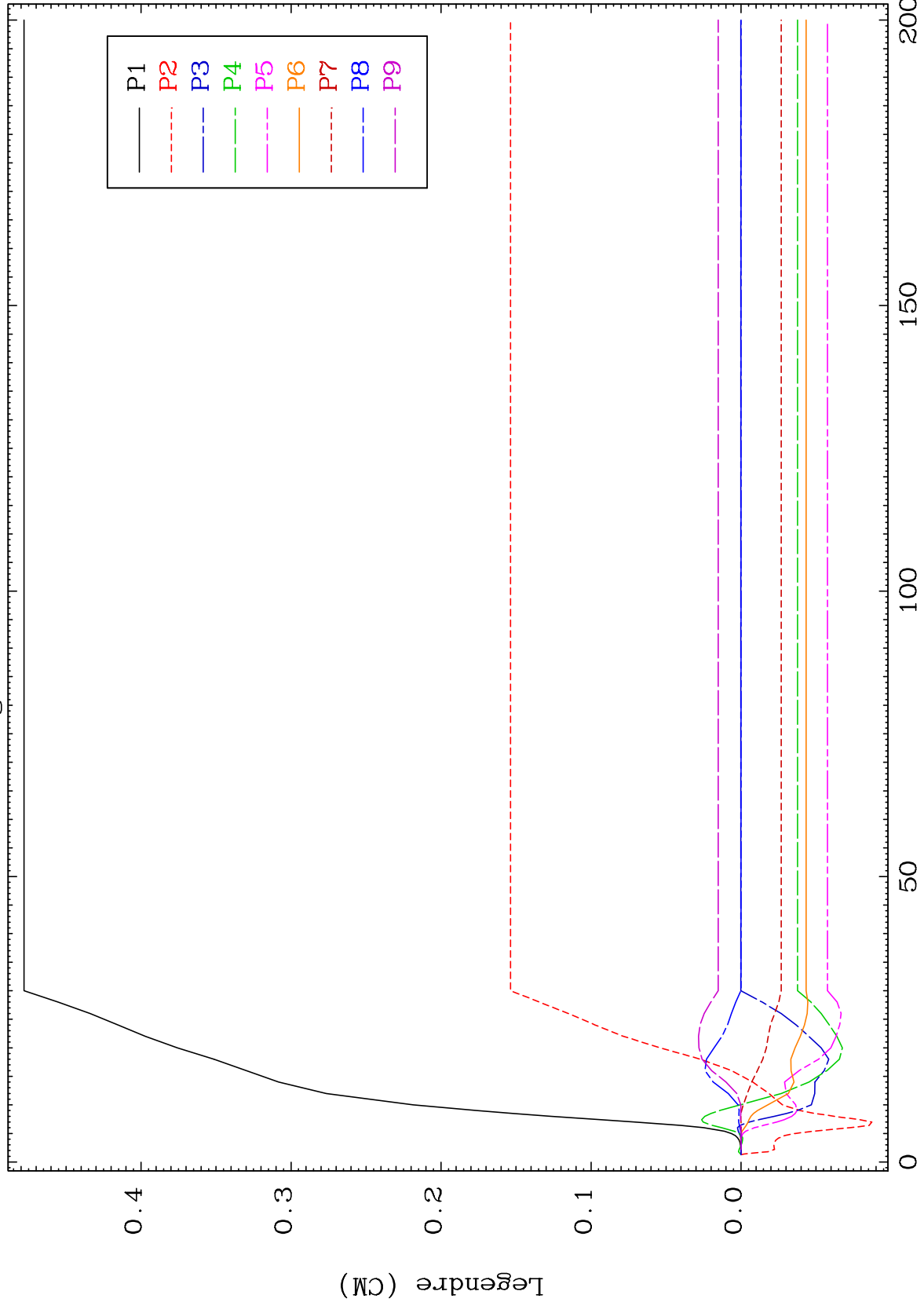




MAT 6301

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

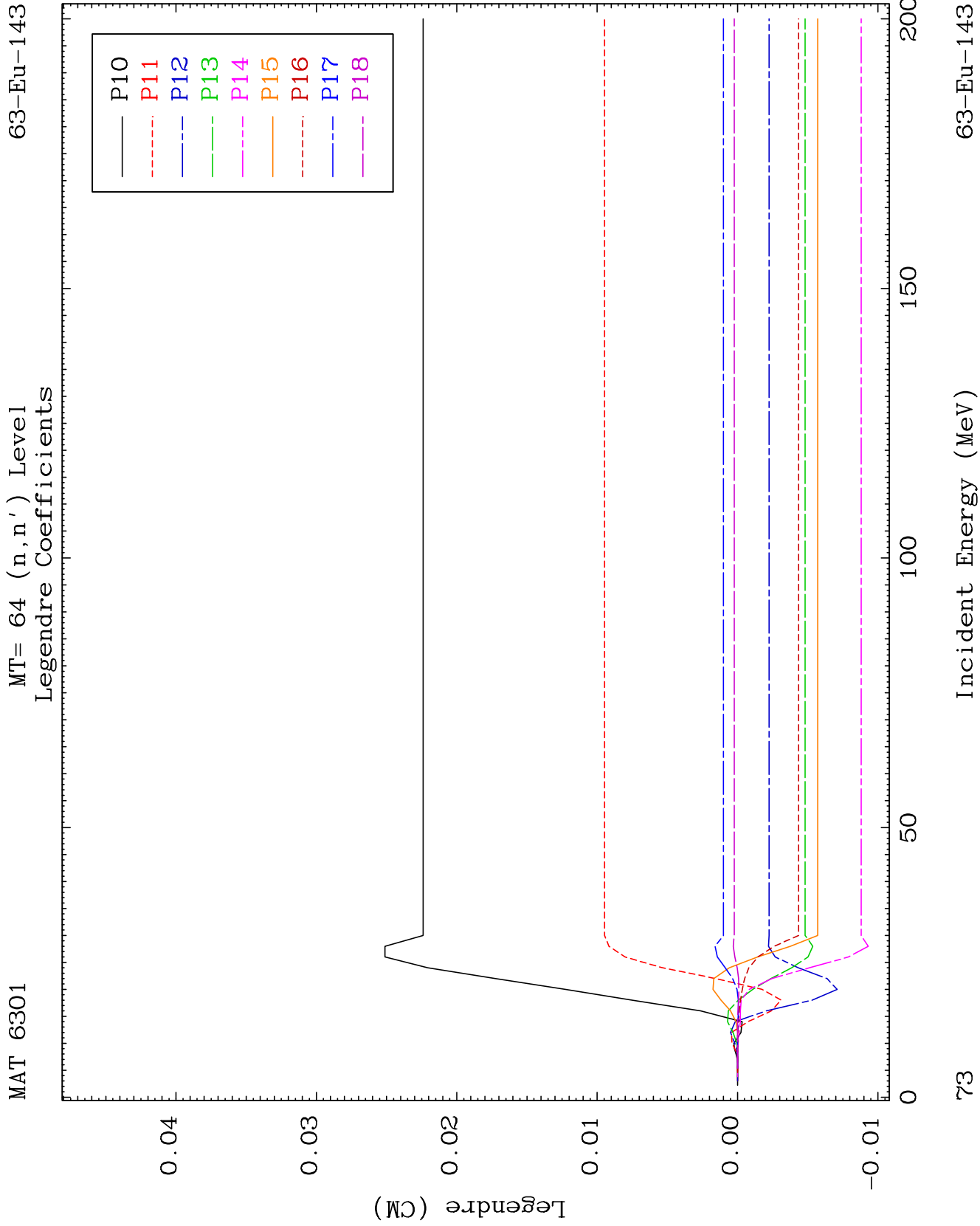
63-Eu-143



72

Incident Energy (MeV)

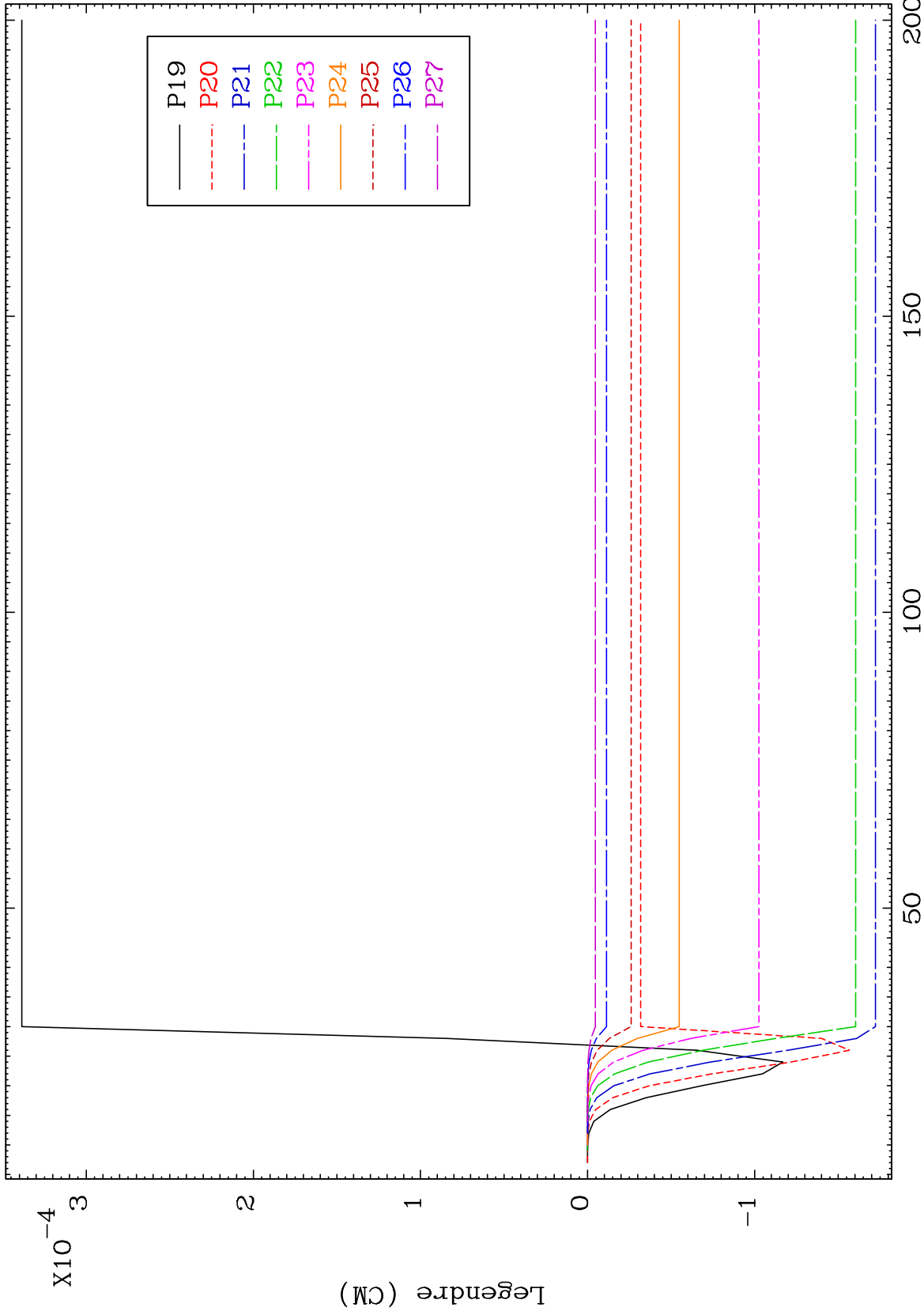
63-Eu-143



MAT 6301

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

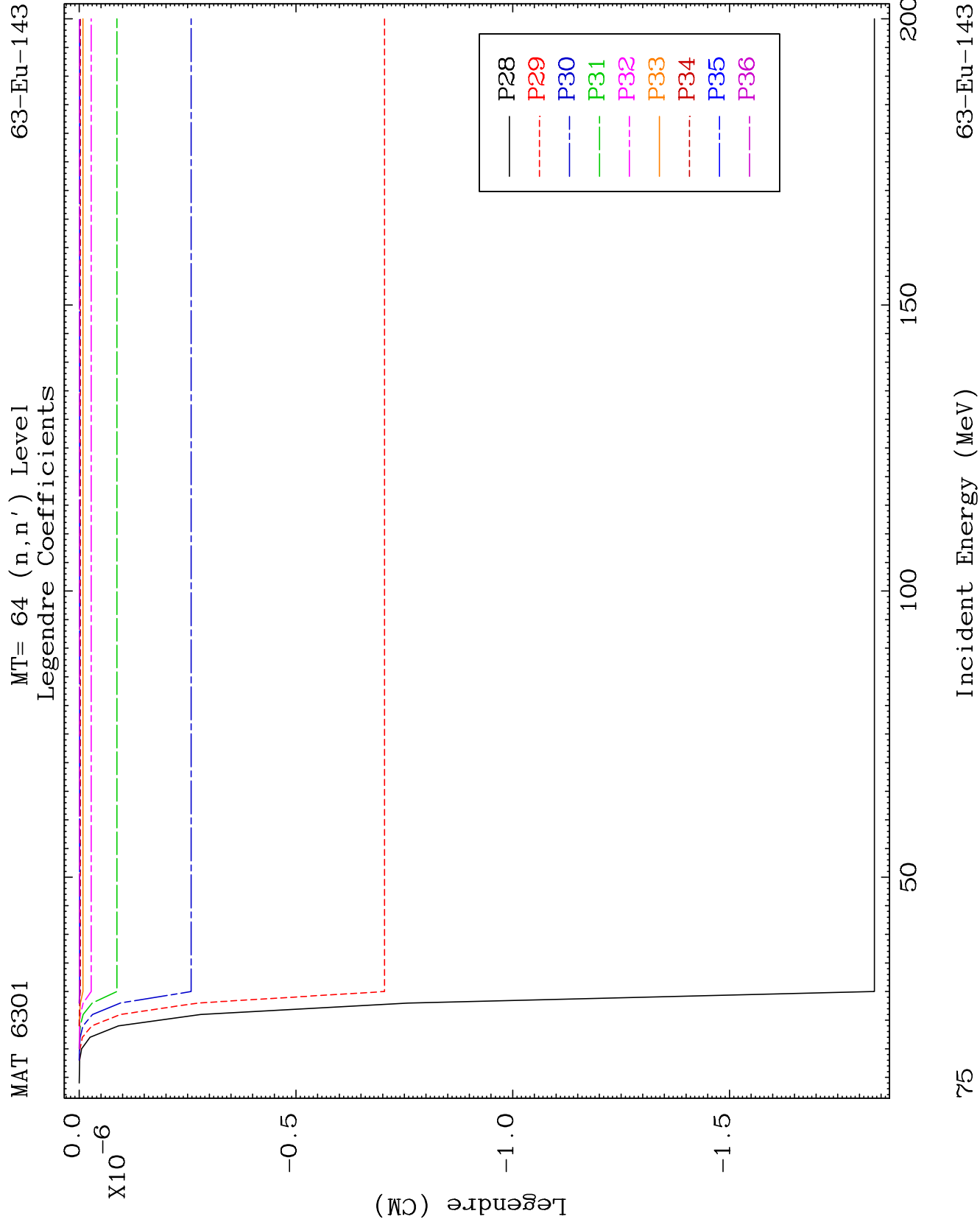
63-Eu-143

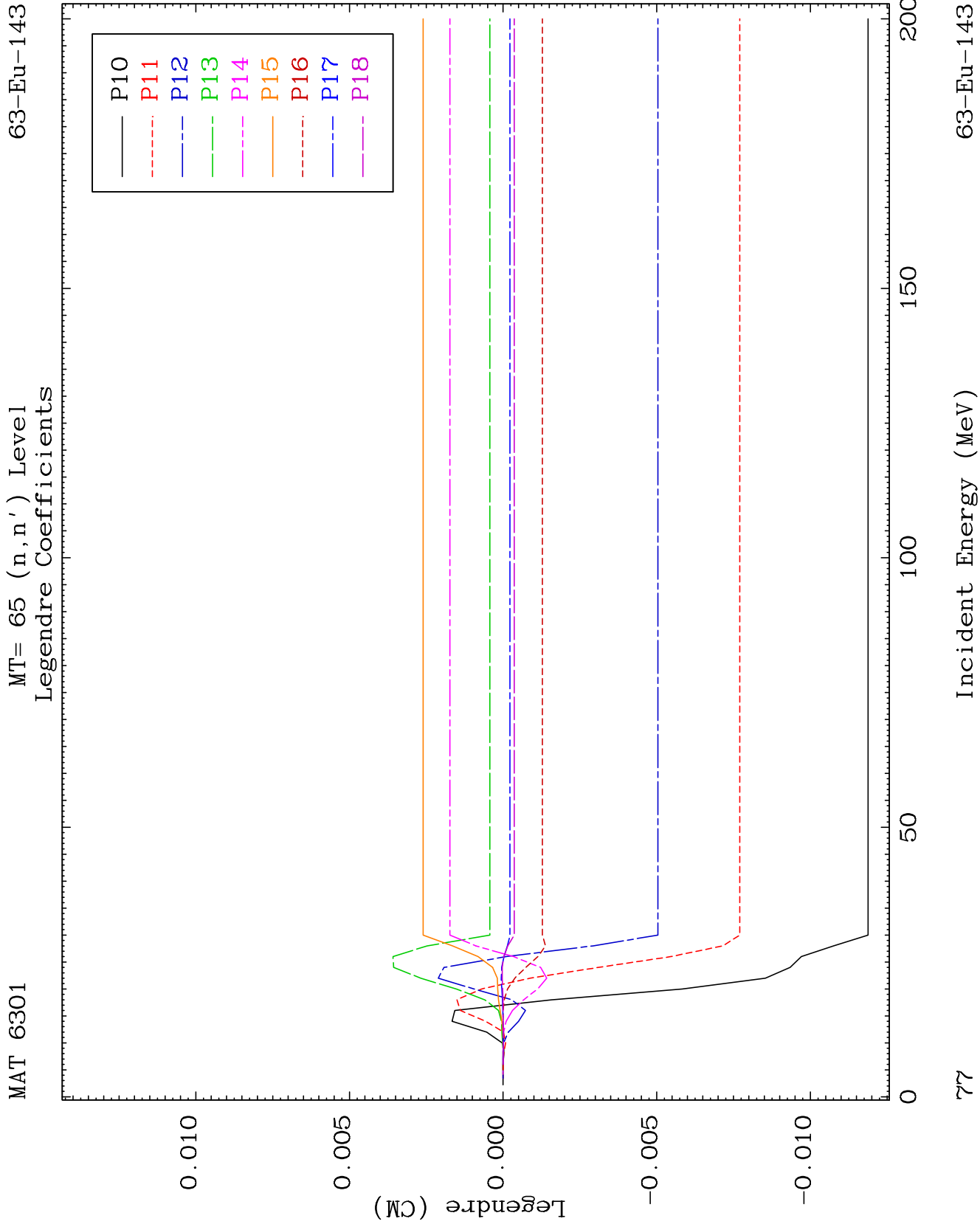


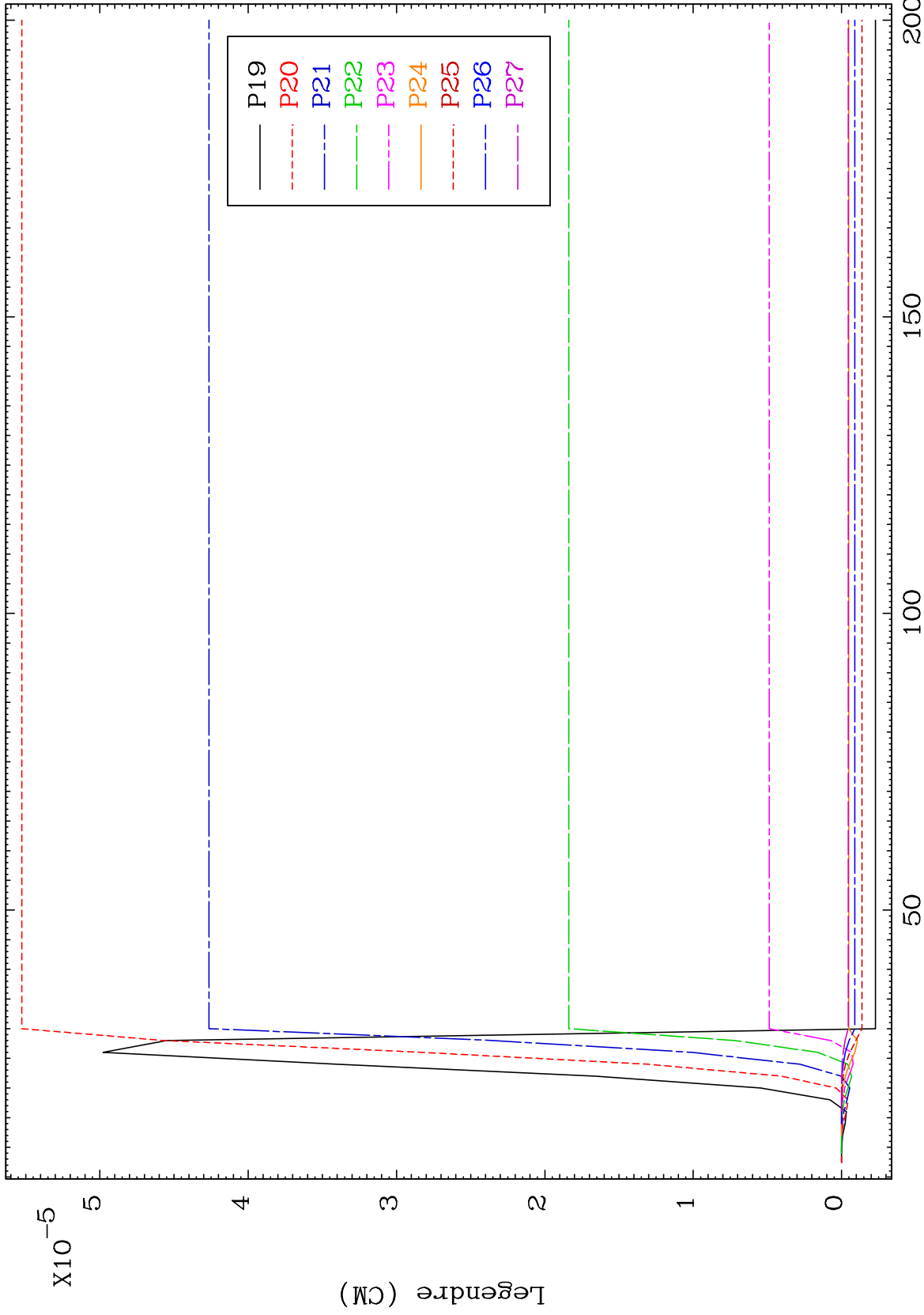
74

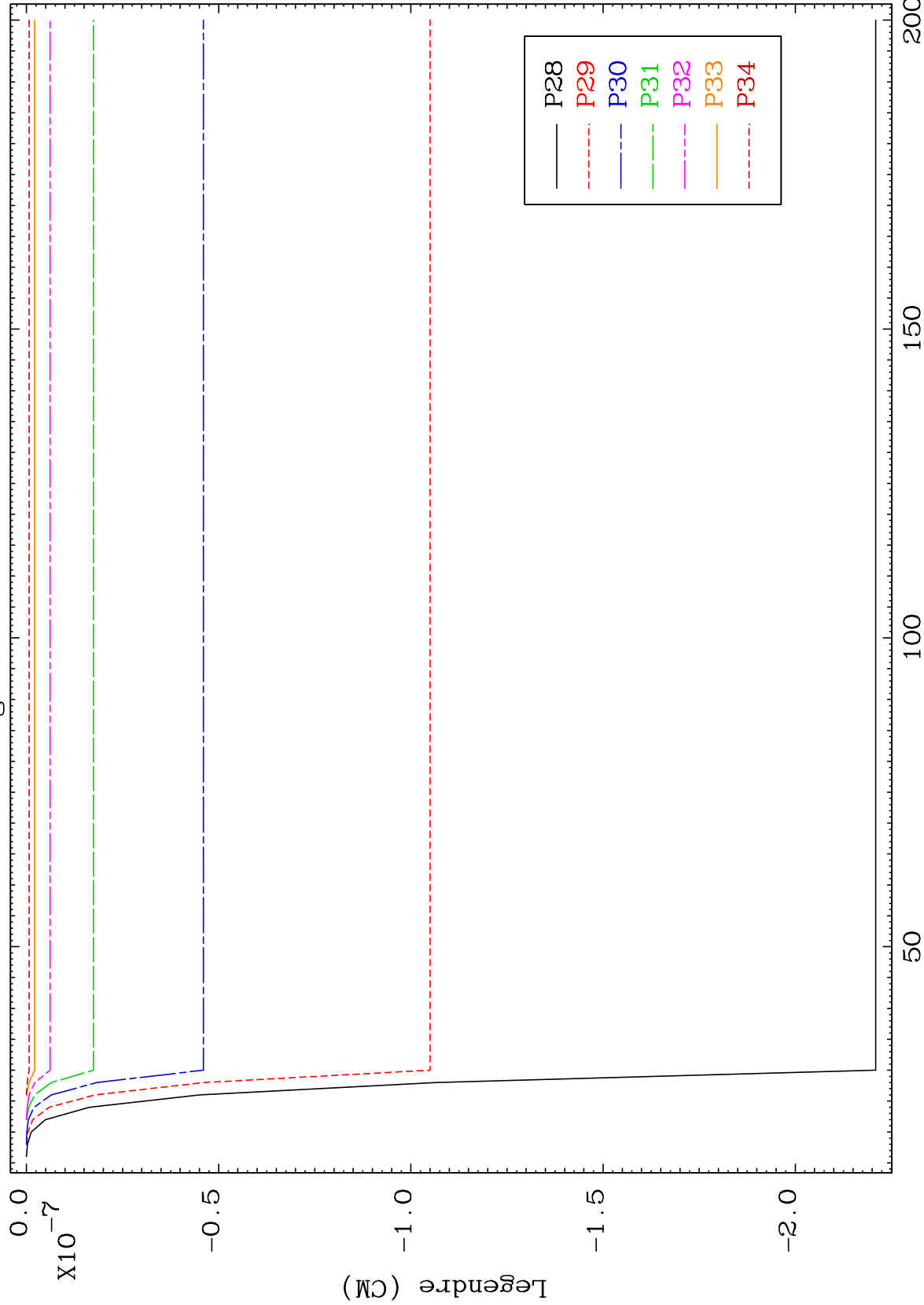
Incident Energy (MeV)

63-Eu-143





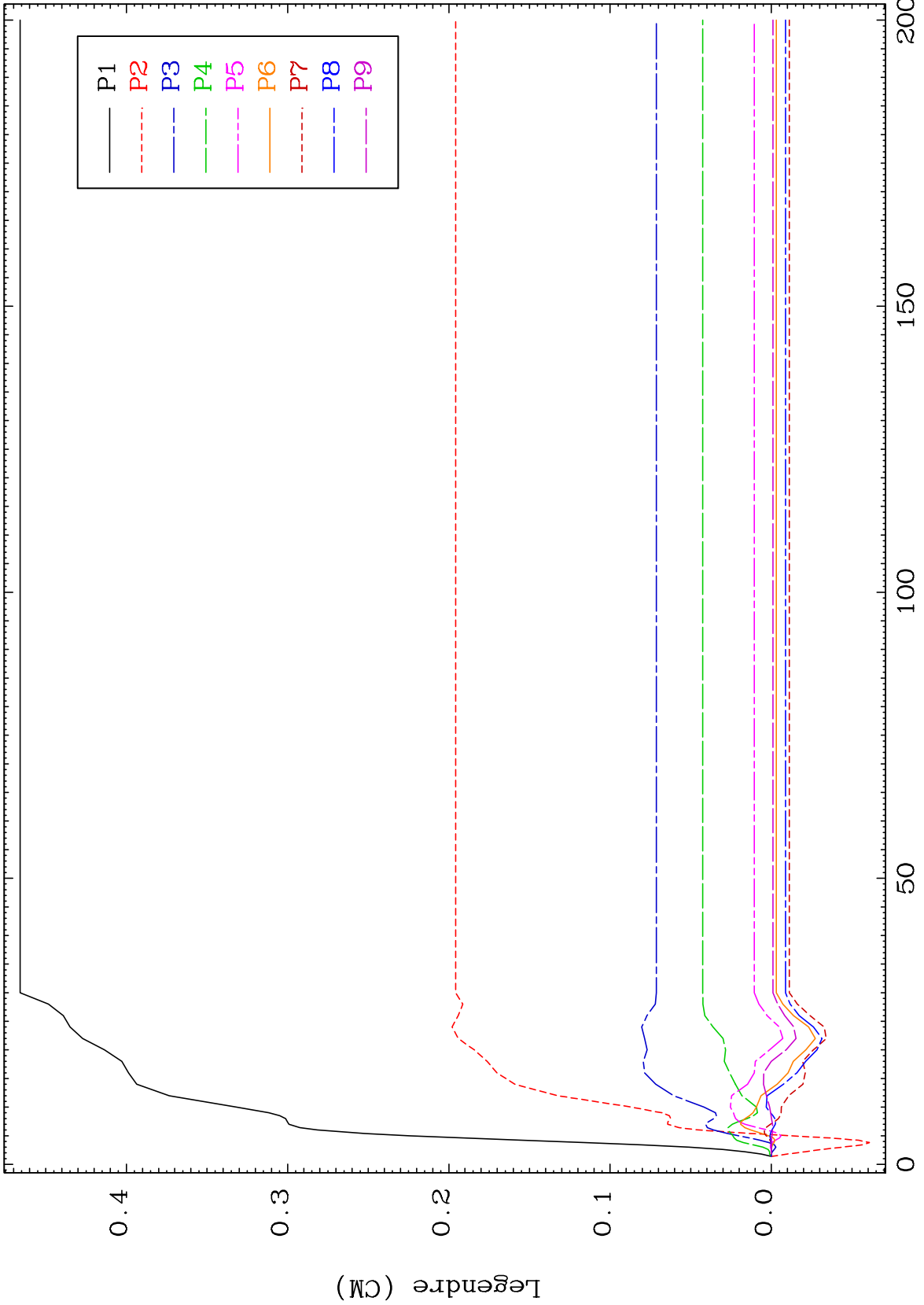




MAT 6301

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

63-Eu-143



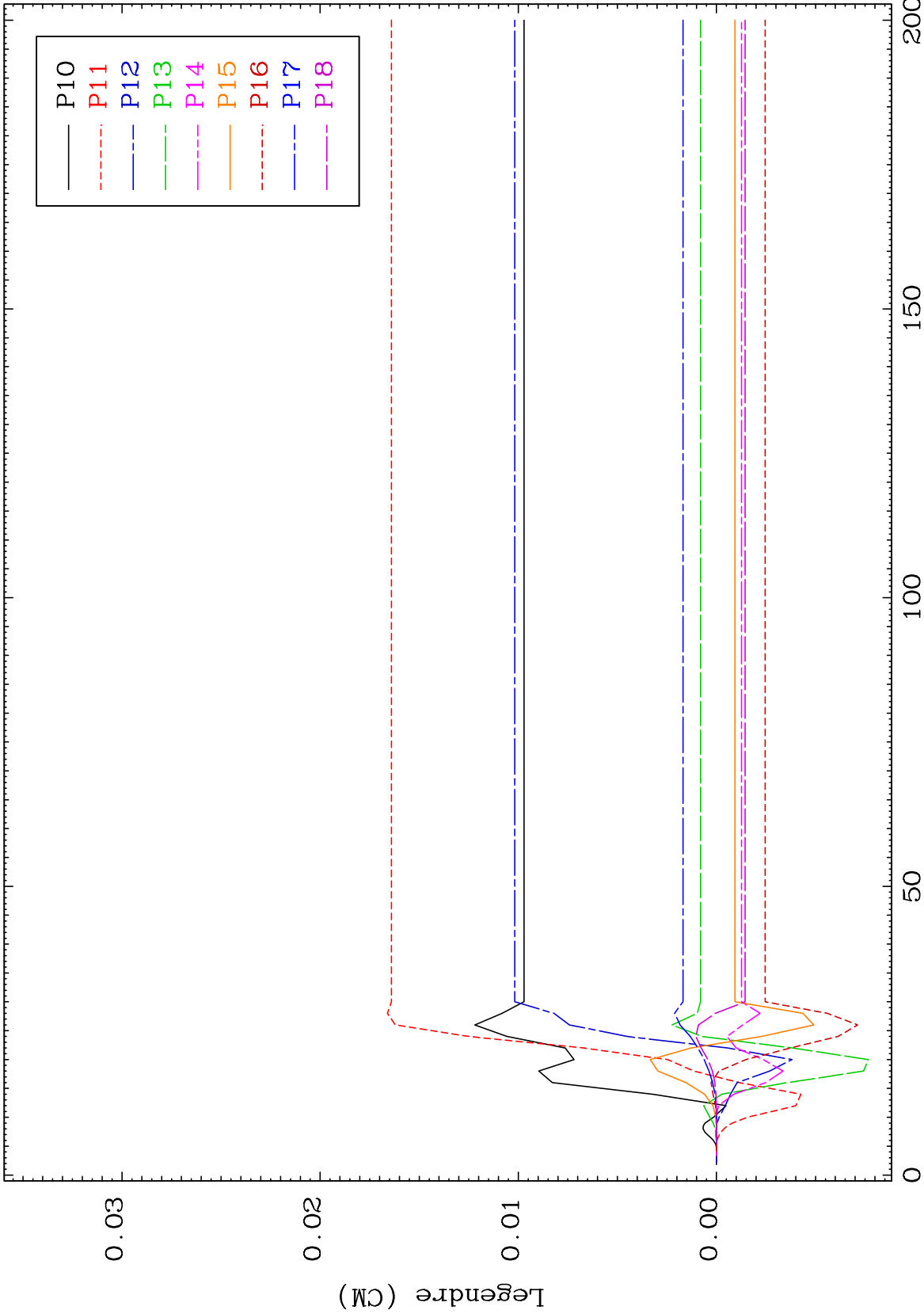
80

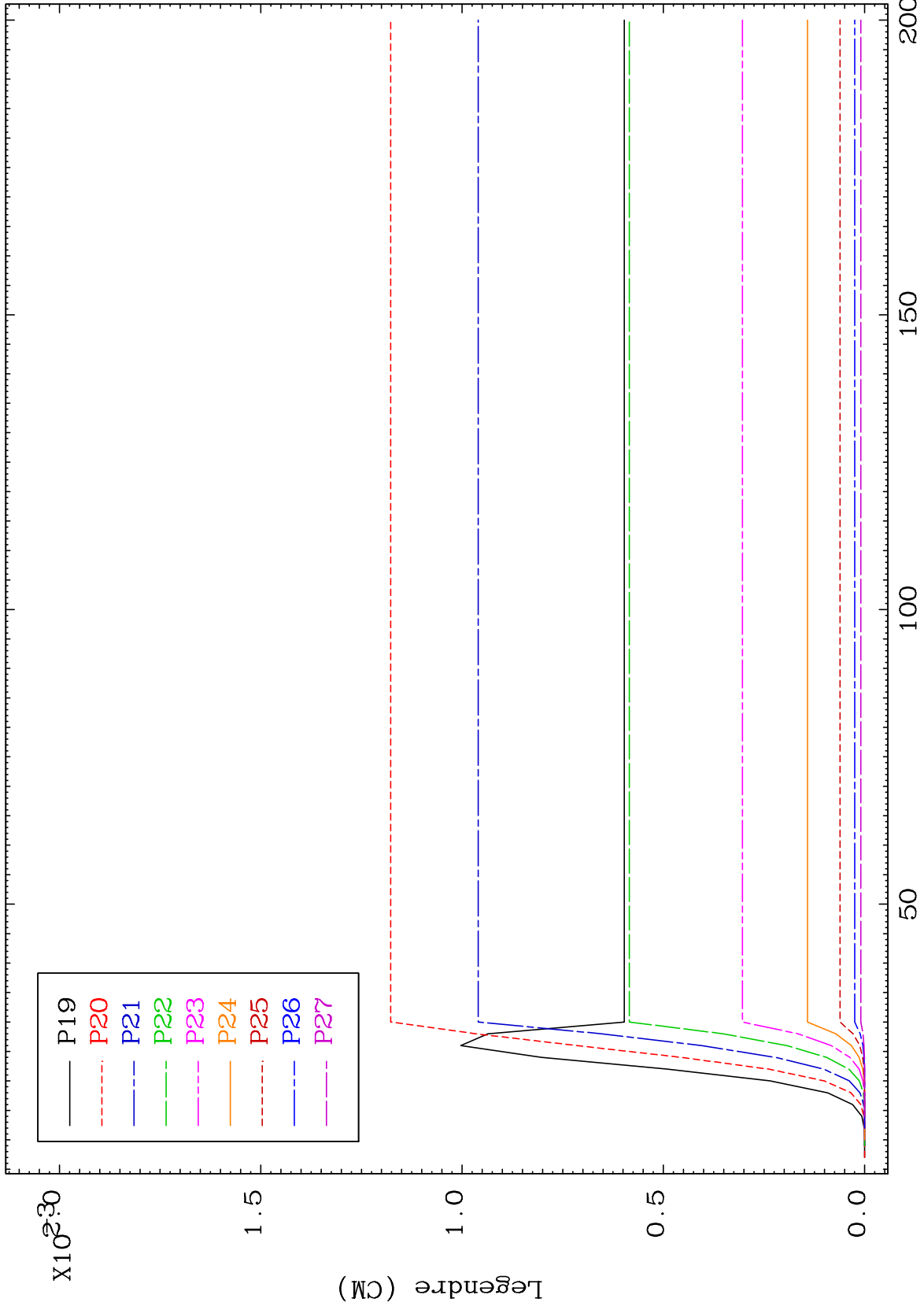
100

150

200

63-Eu-143

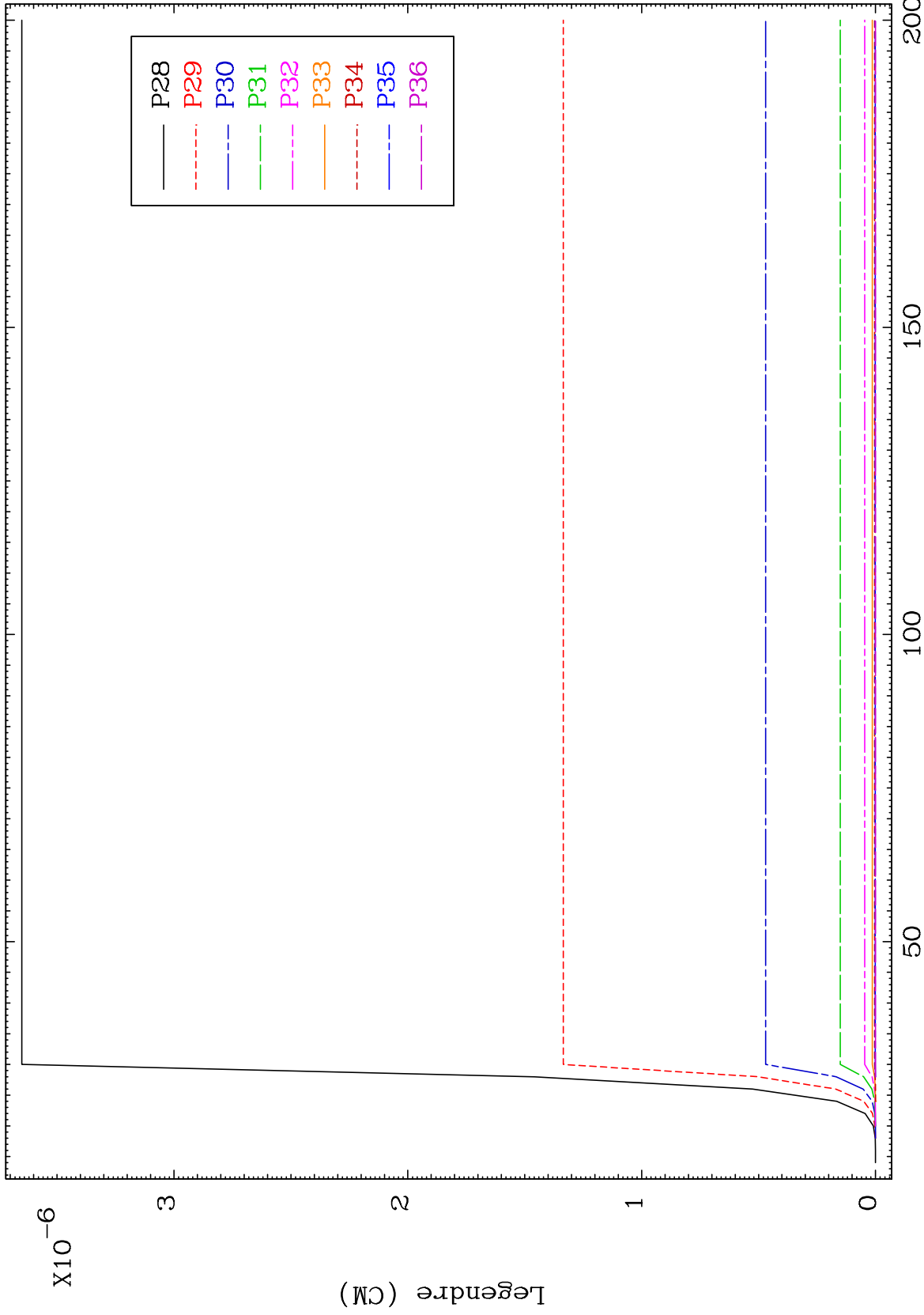




MAT 6301

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

63-Eu-143



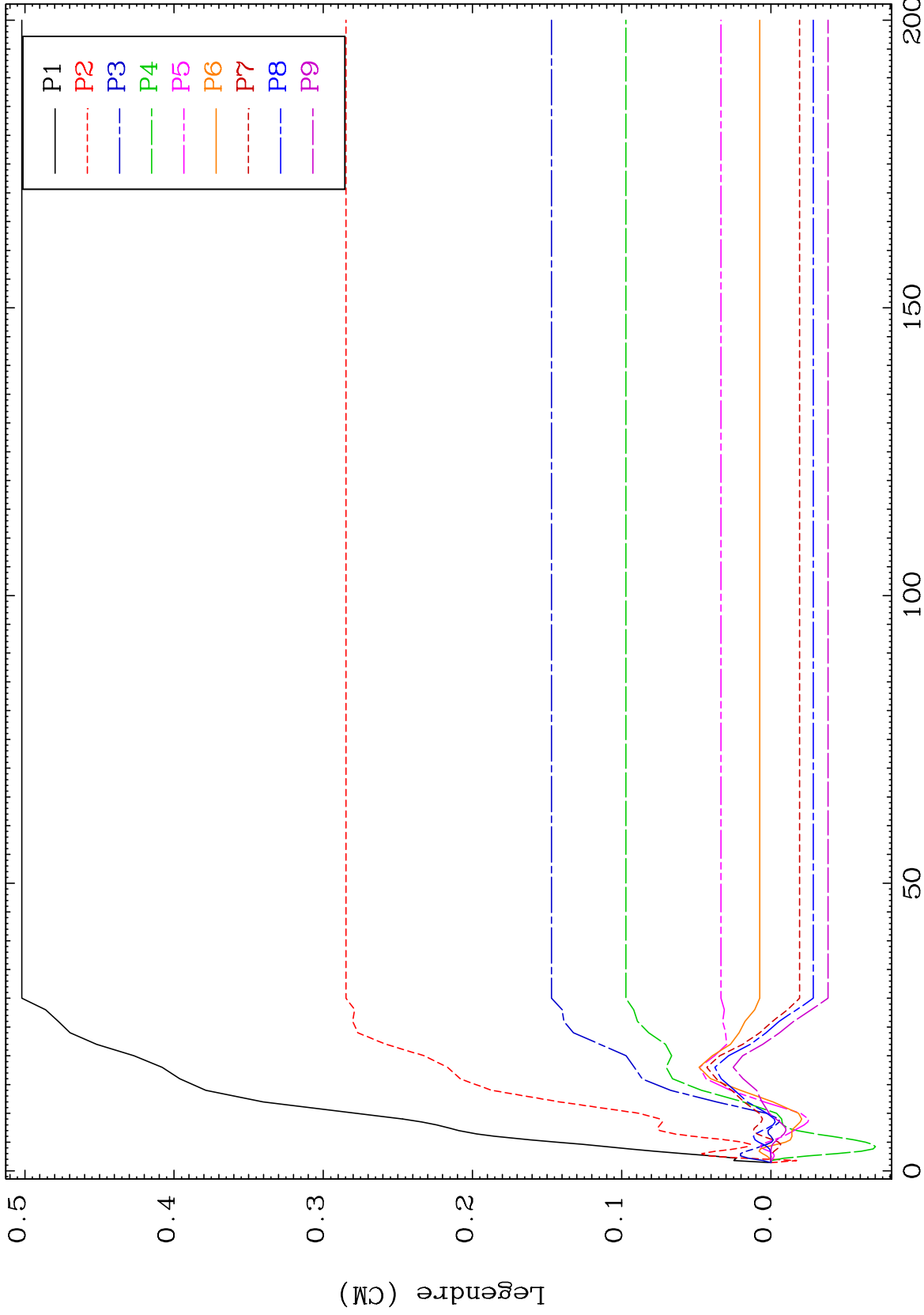
83

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 67 (n,n') Level 63-Eu-143

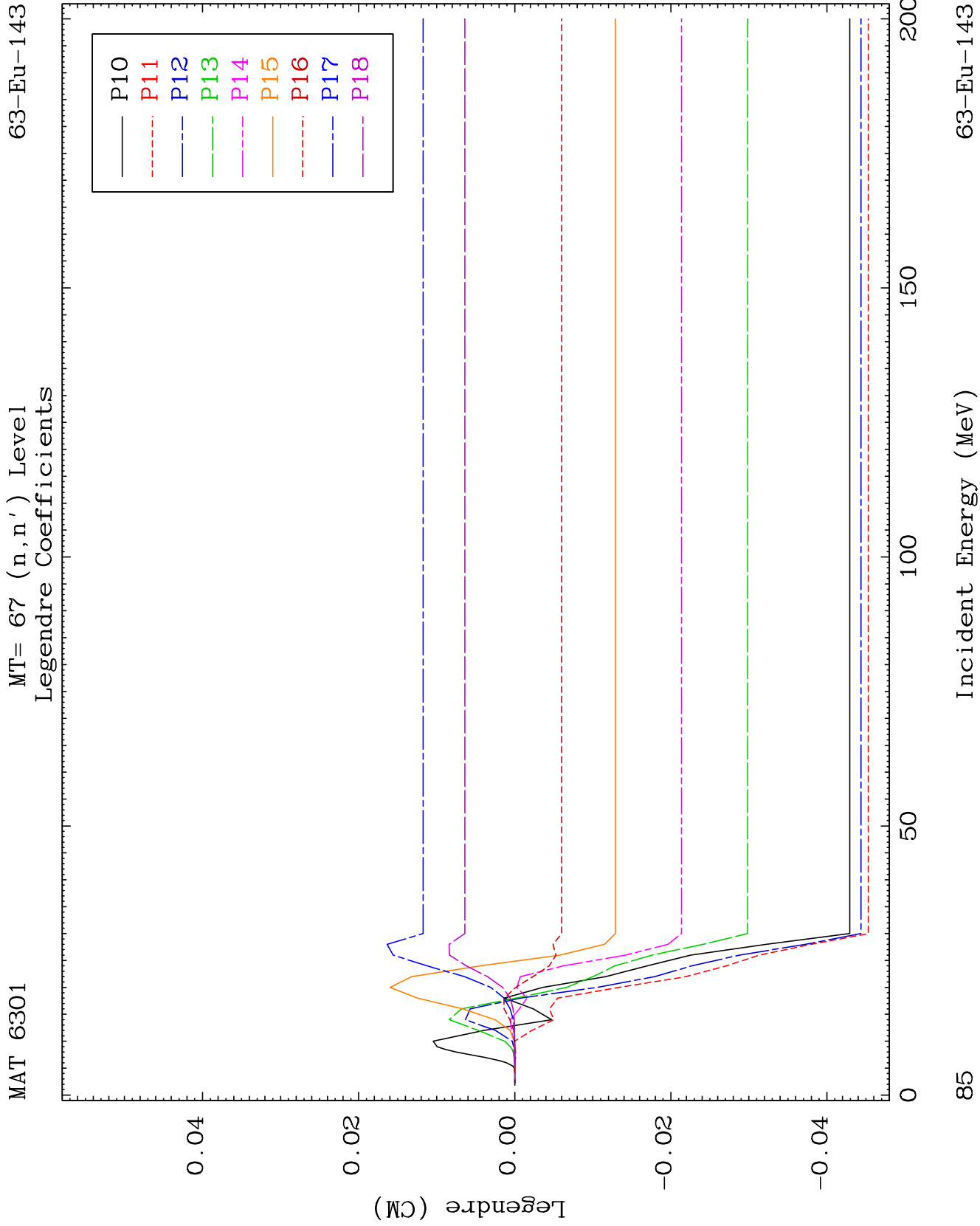
Legendre Coefficients

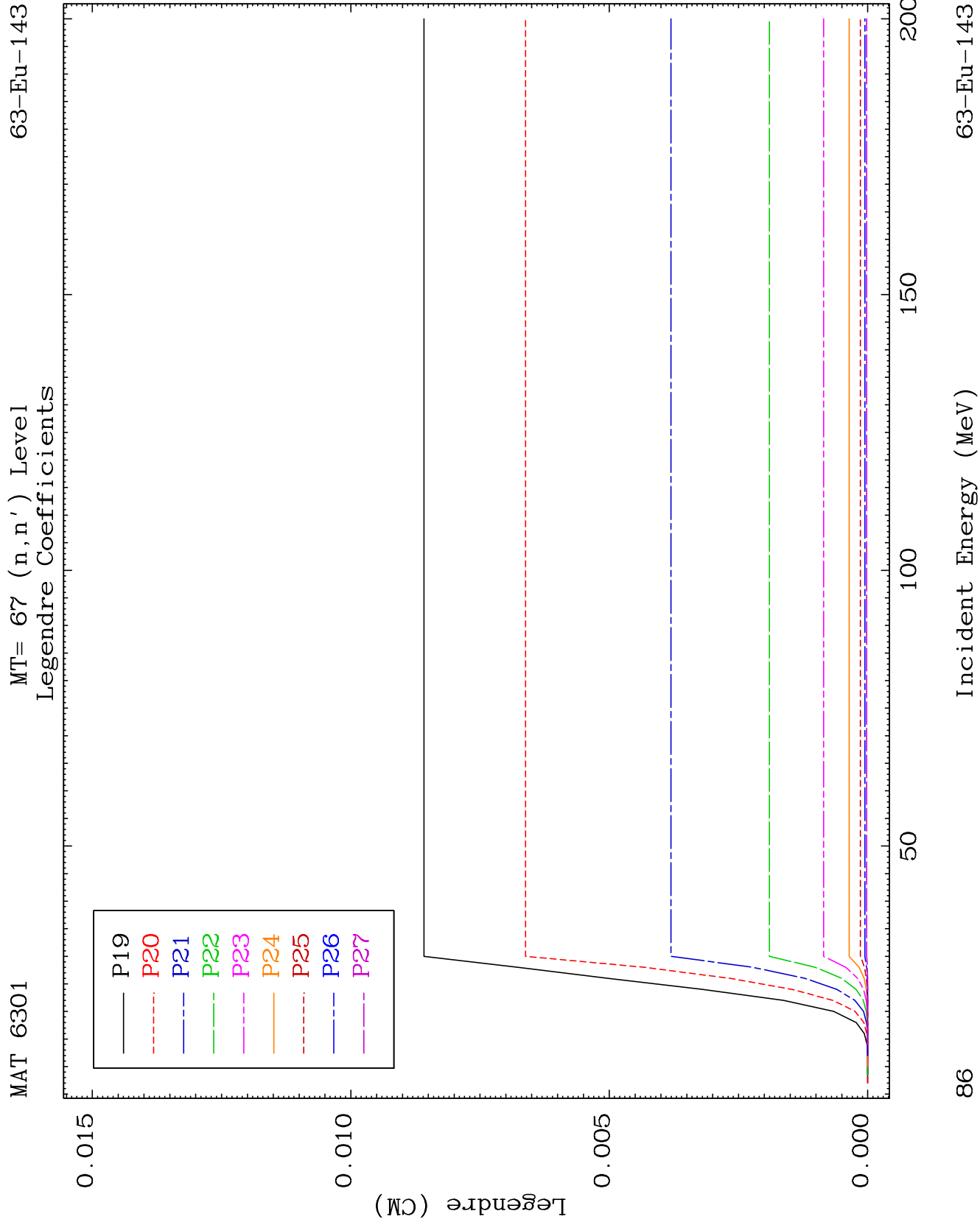


84

Incident Energy (MeV)

63-Eu-143

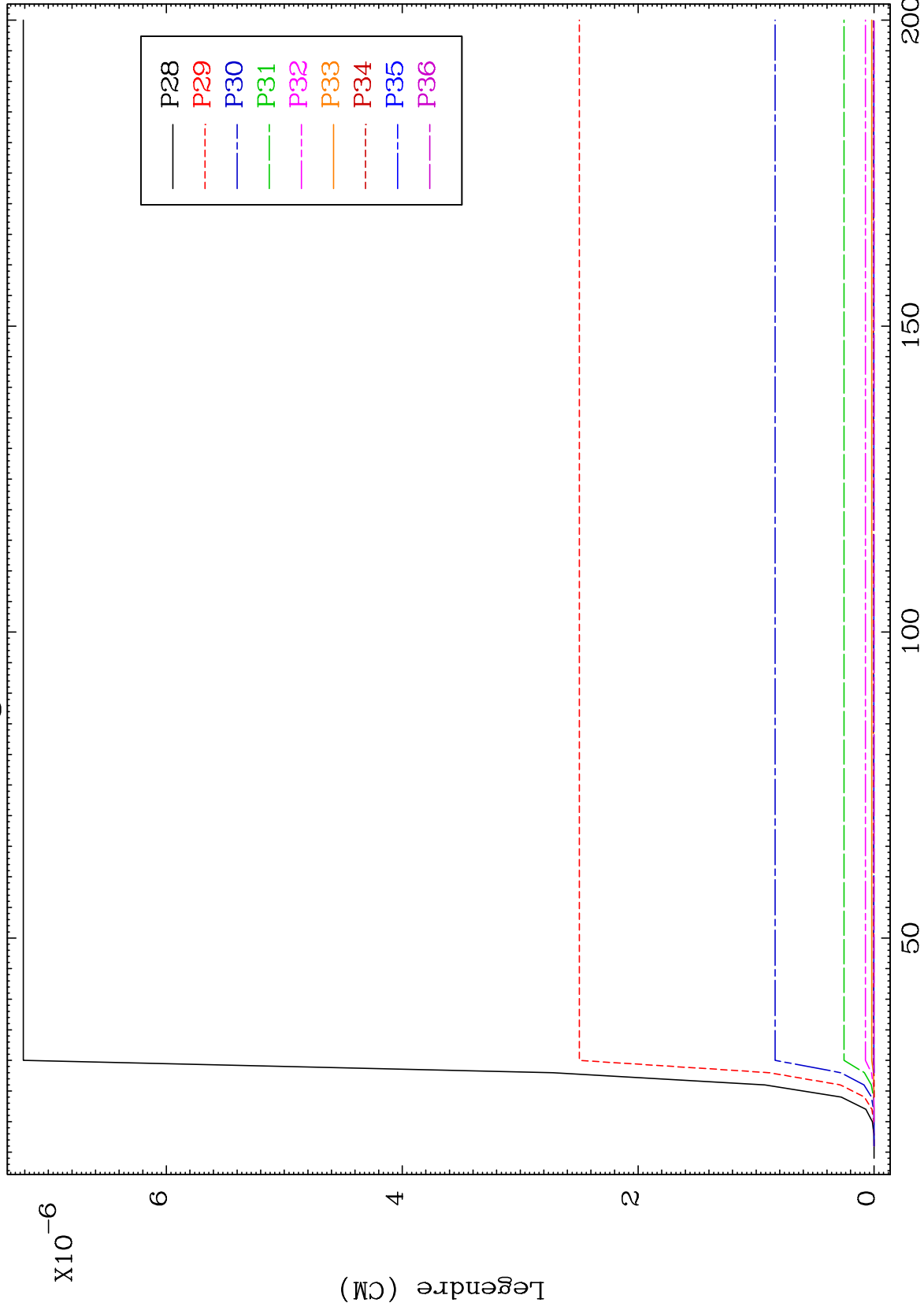




MAT 6301

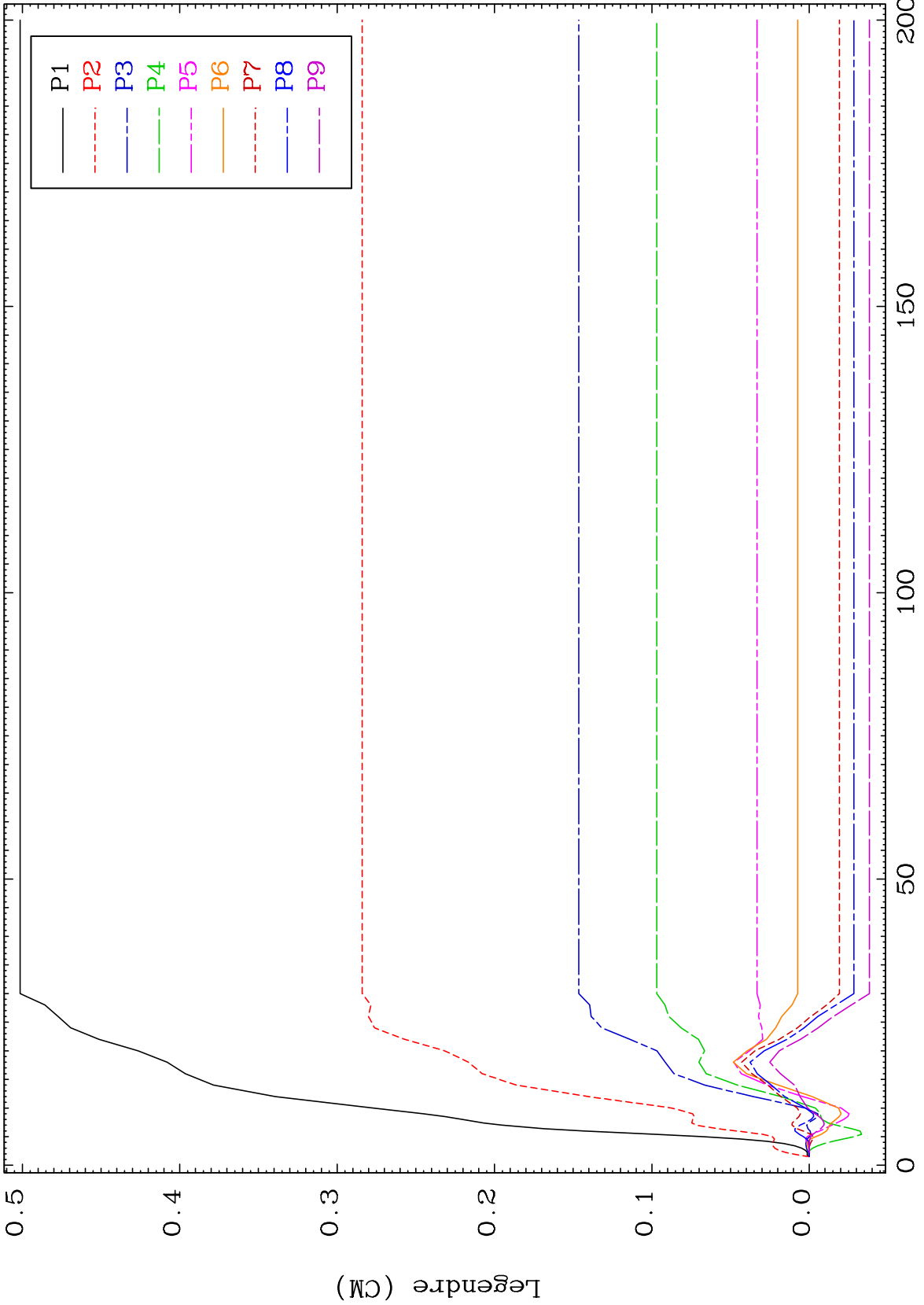
MT= 67 (n,n') Level
Legendre Coefficients

63-Eu-143

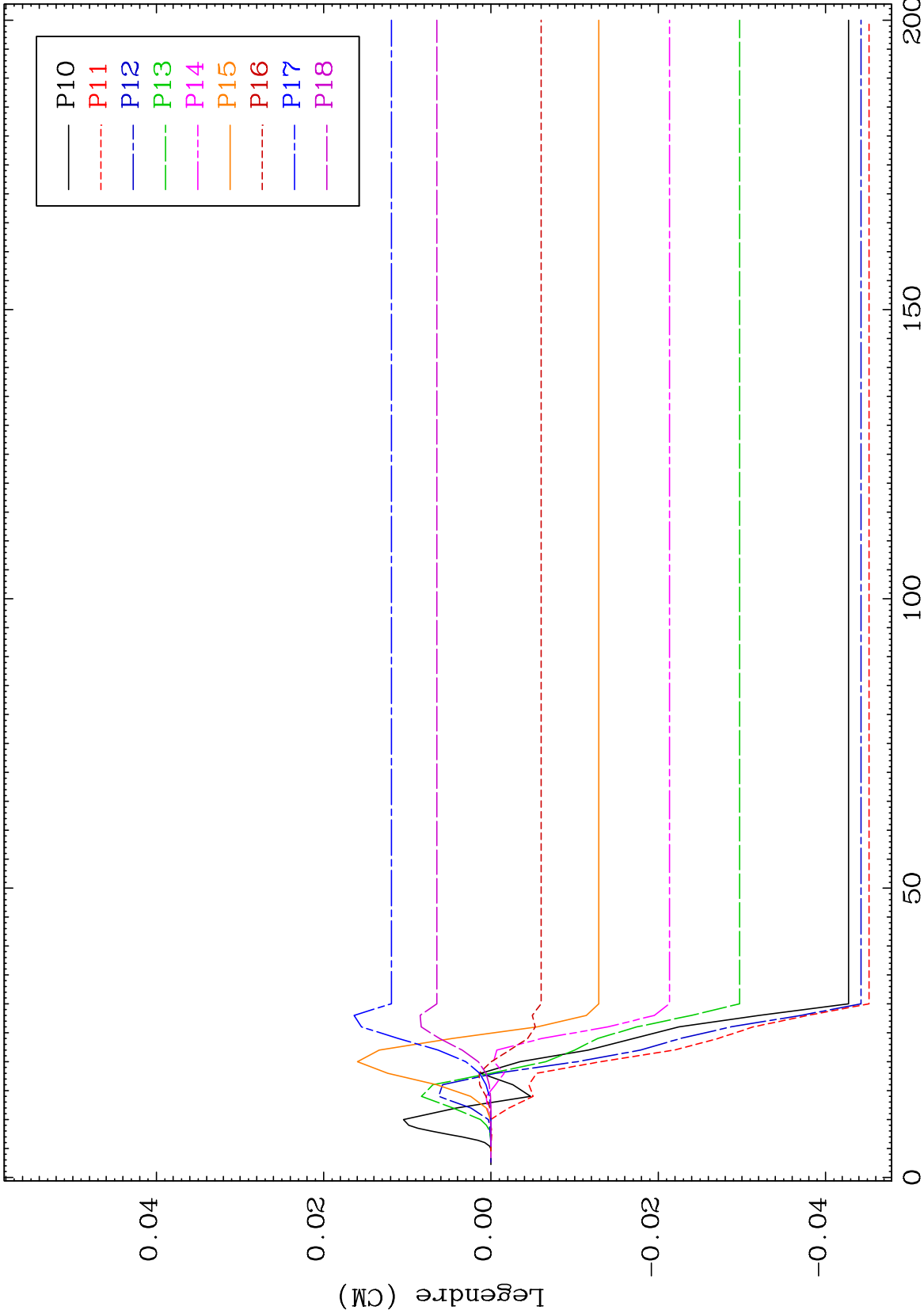


MAT 6301 MT= 68 (n,n') Level 63-Eu-143

Legendre Coefficients



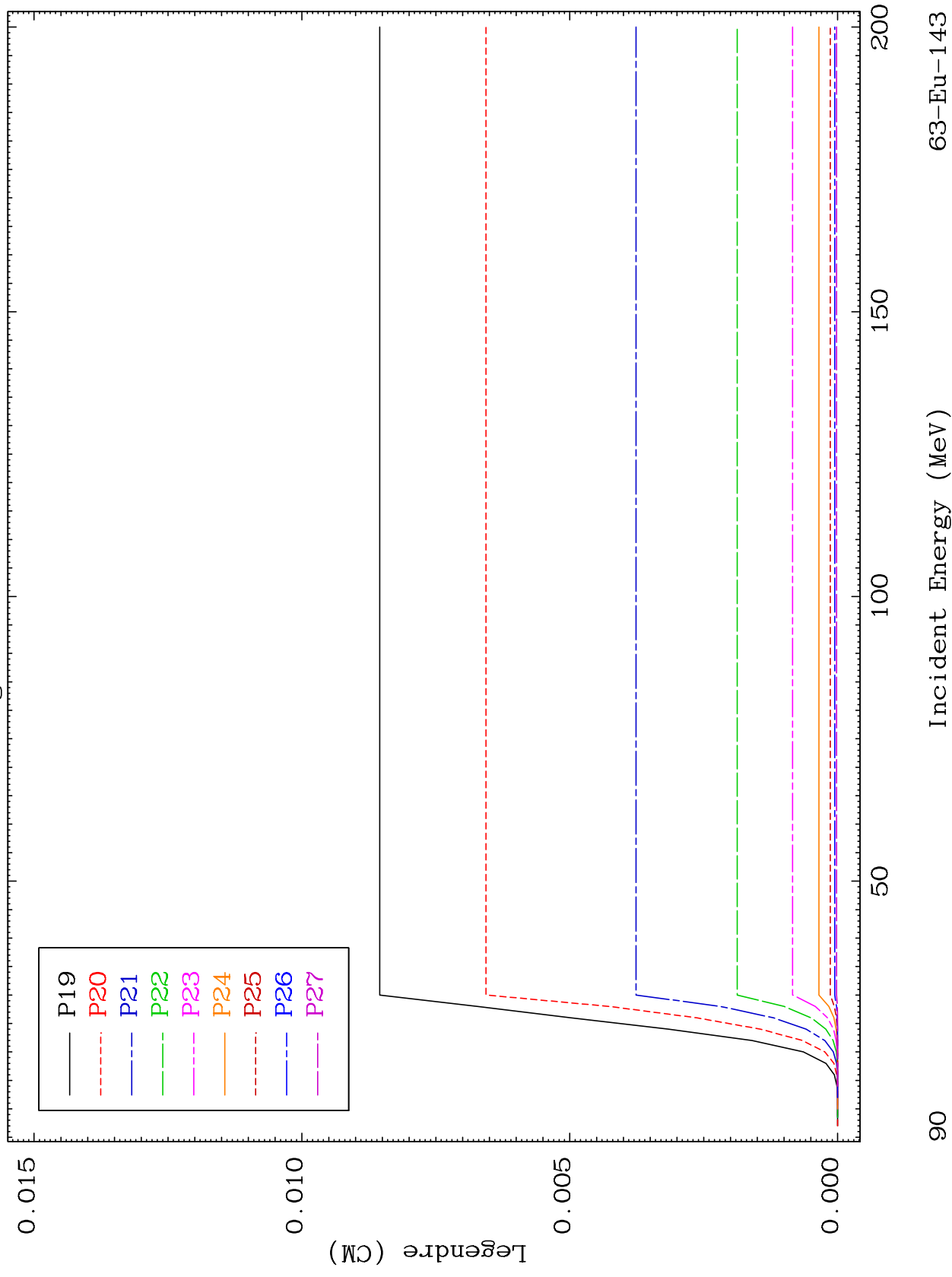
88 Incident Energy (MeV) 63-Eu-143



MAT 6301

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

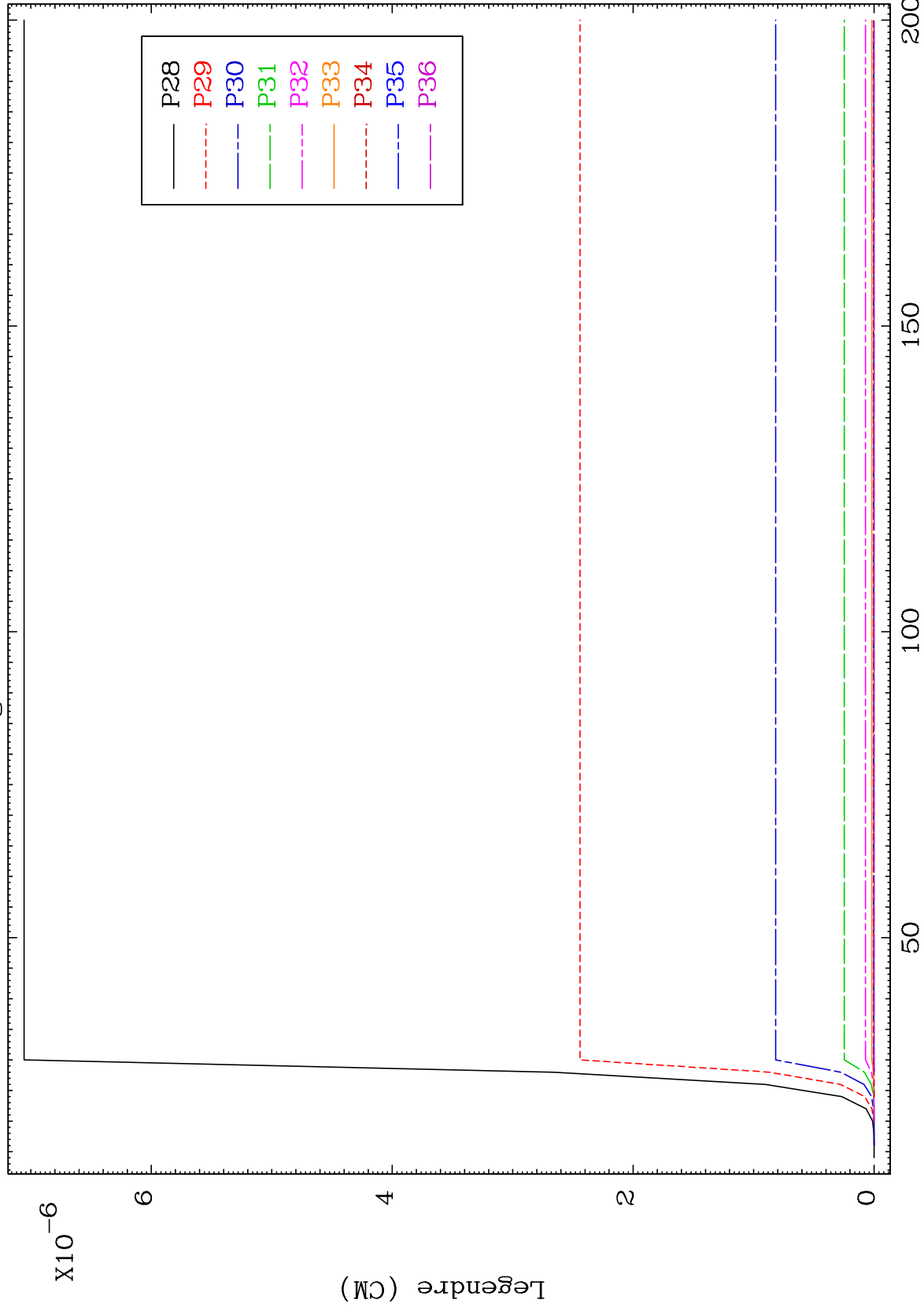
63-Eu-143



MAT 6301

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

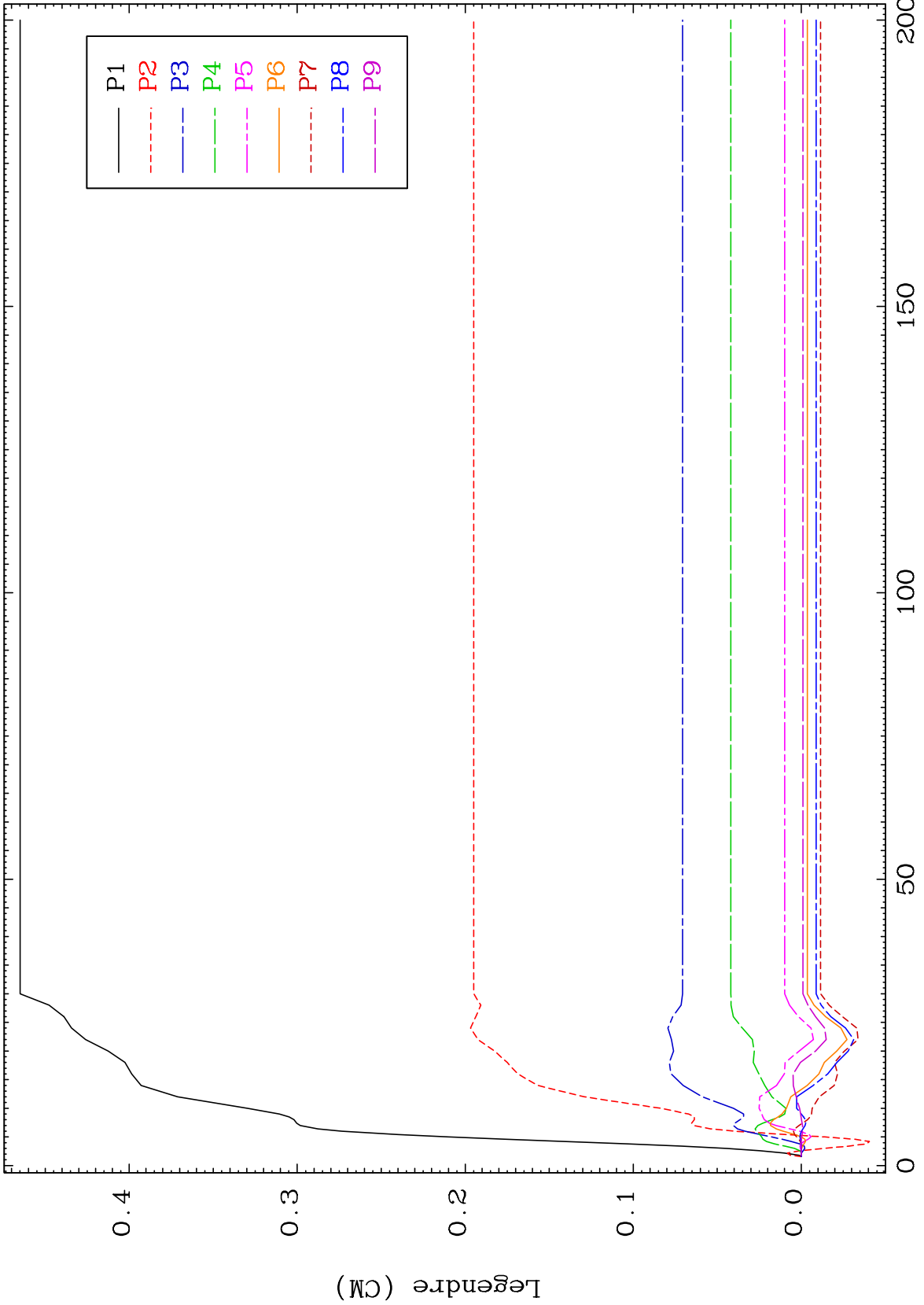
63-Eu-143



91

Incident Energy (MeV)

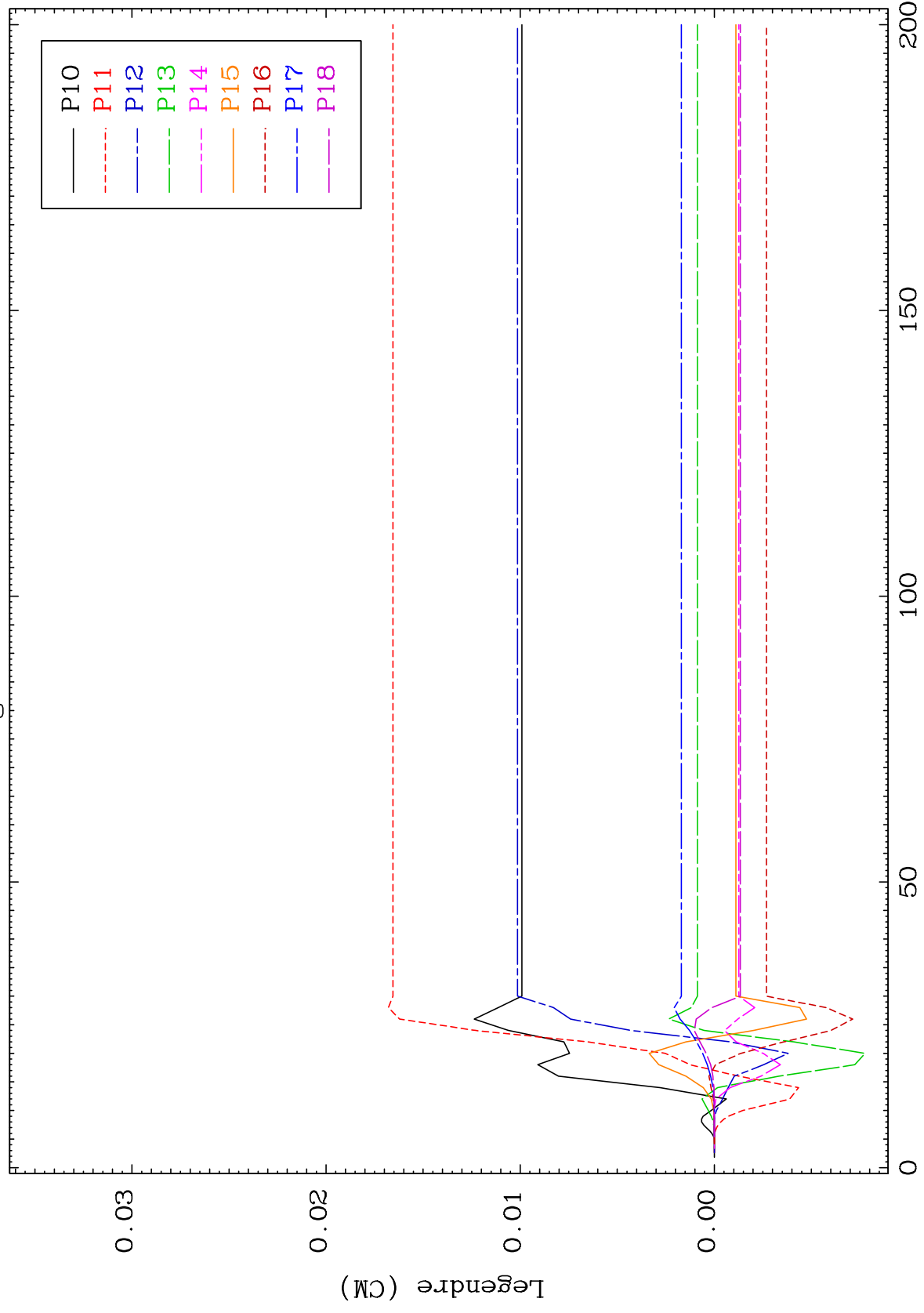
63-Eu-143



MAT 6301

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

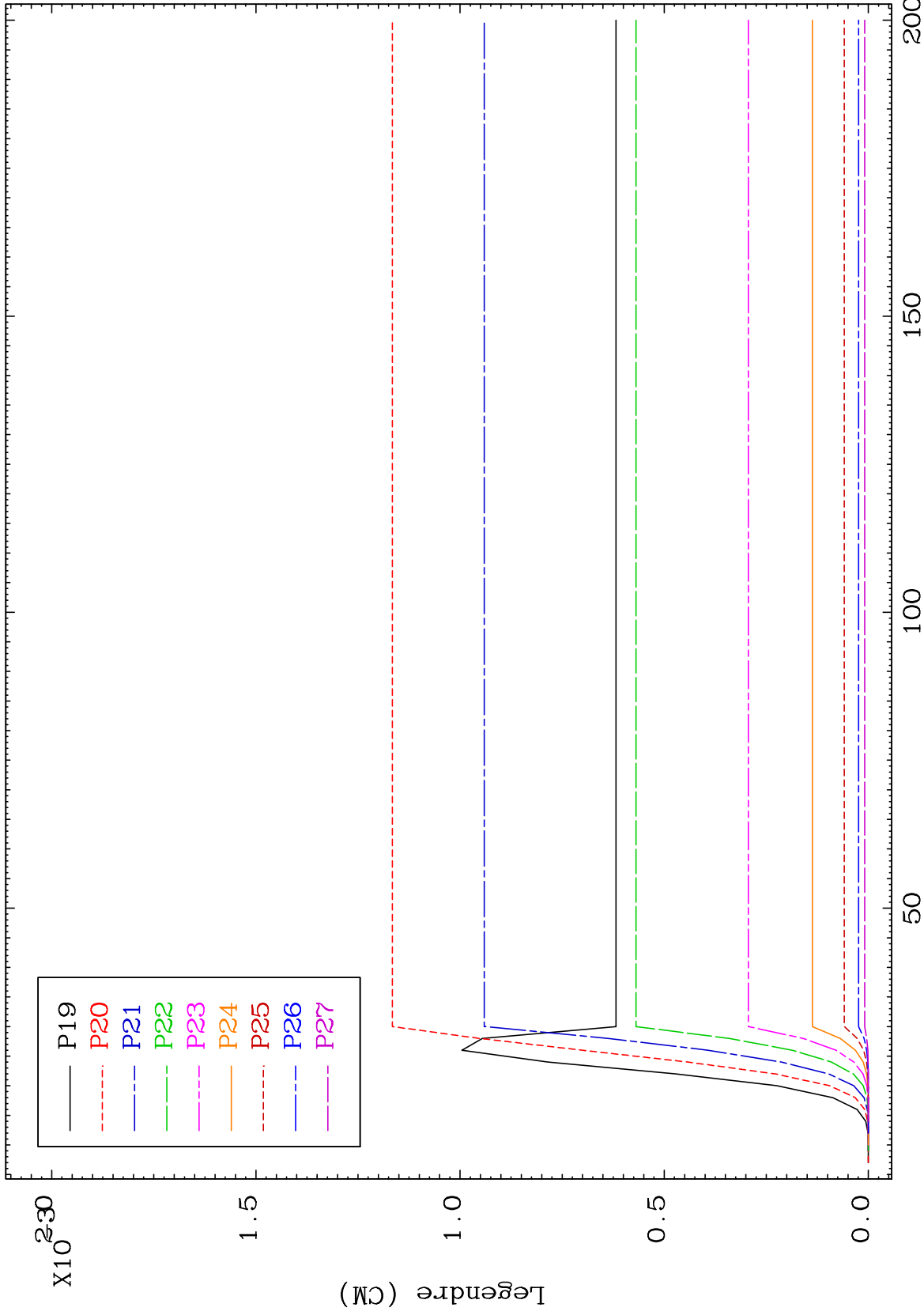
63-Eu-143



93

Incident Energy (MeV)

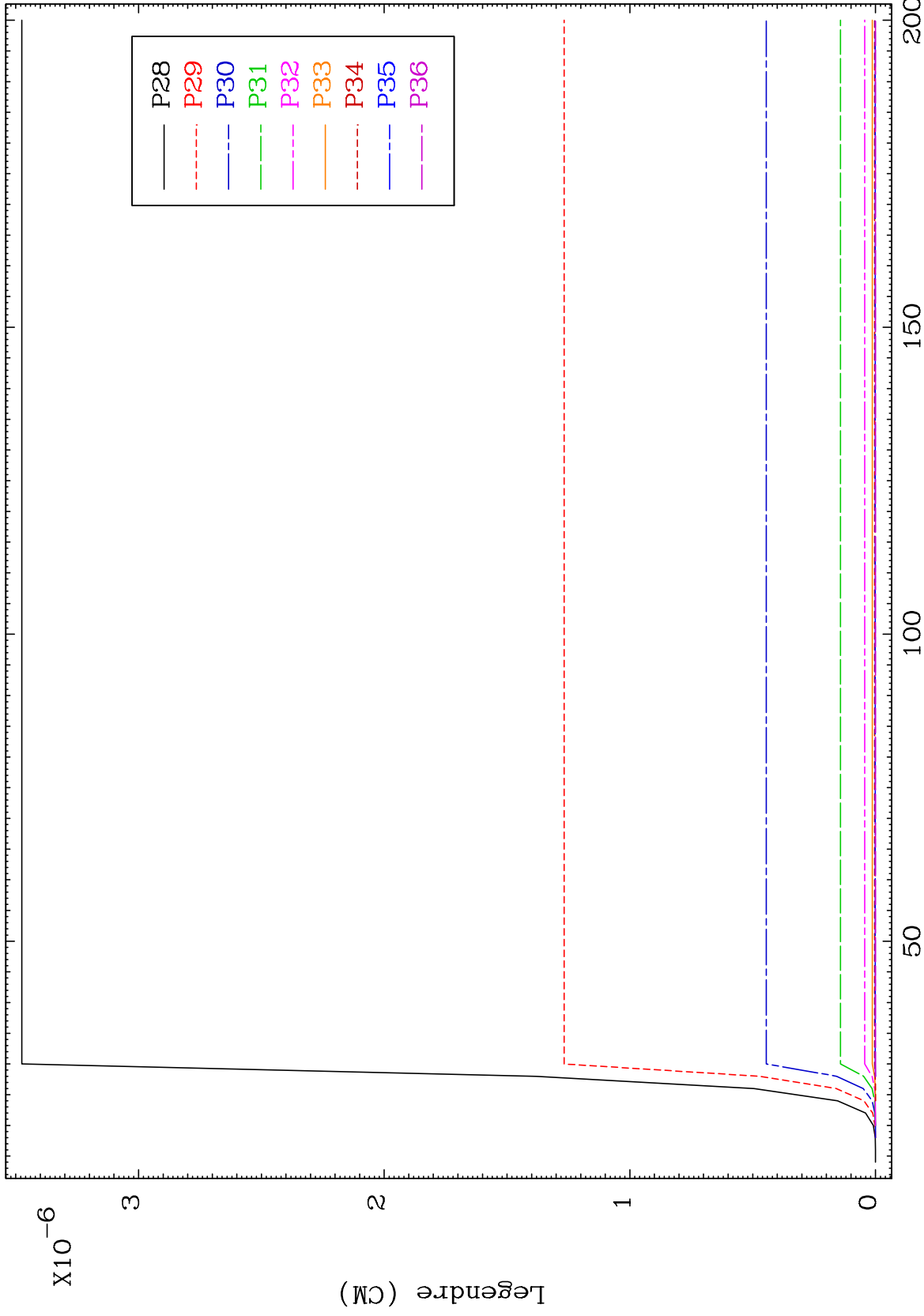
63-Eu-143



MAT 6301

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

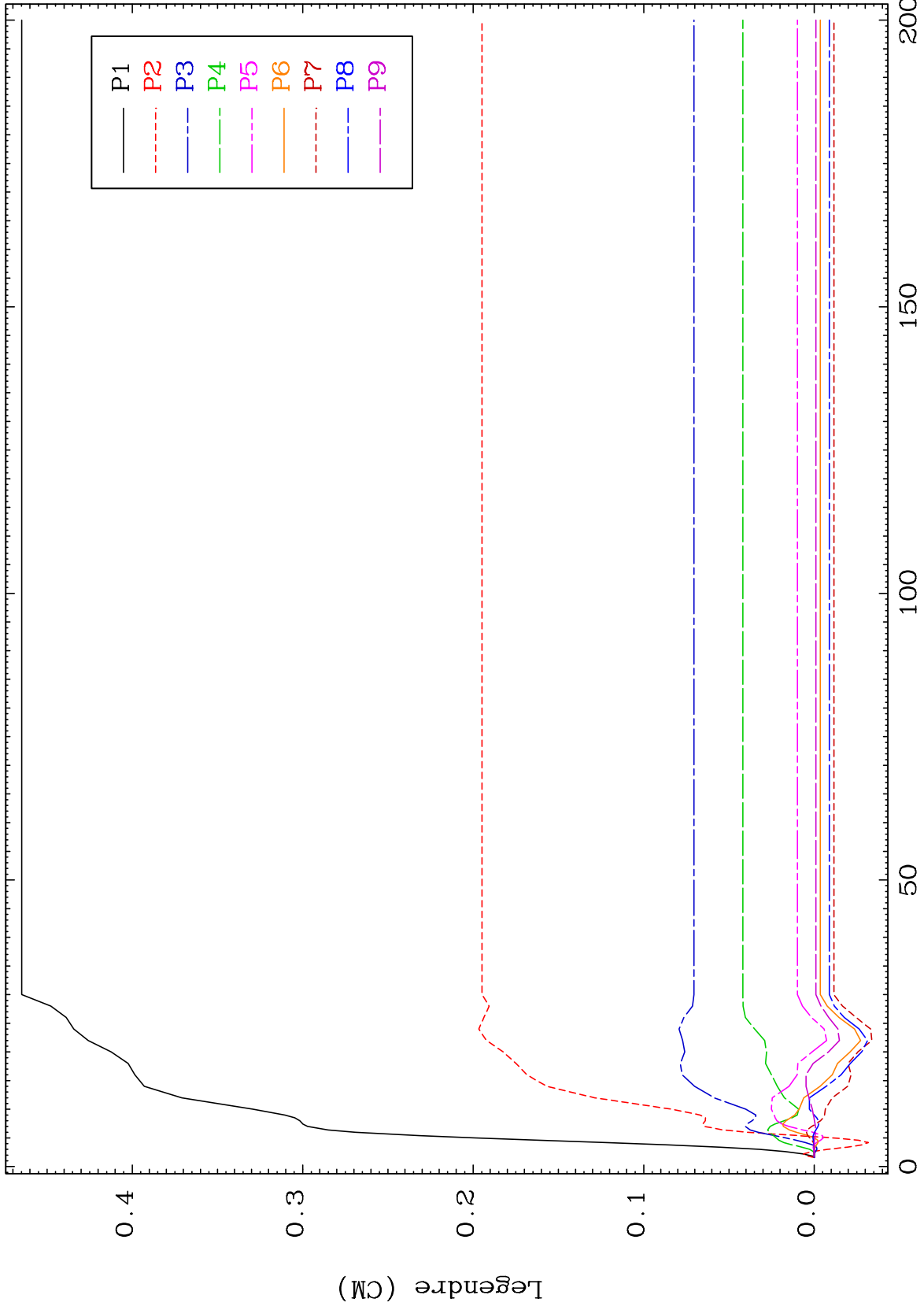
63-Eu-143

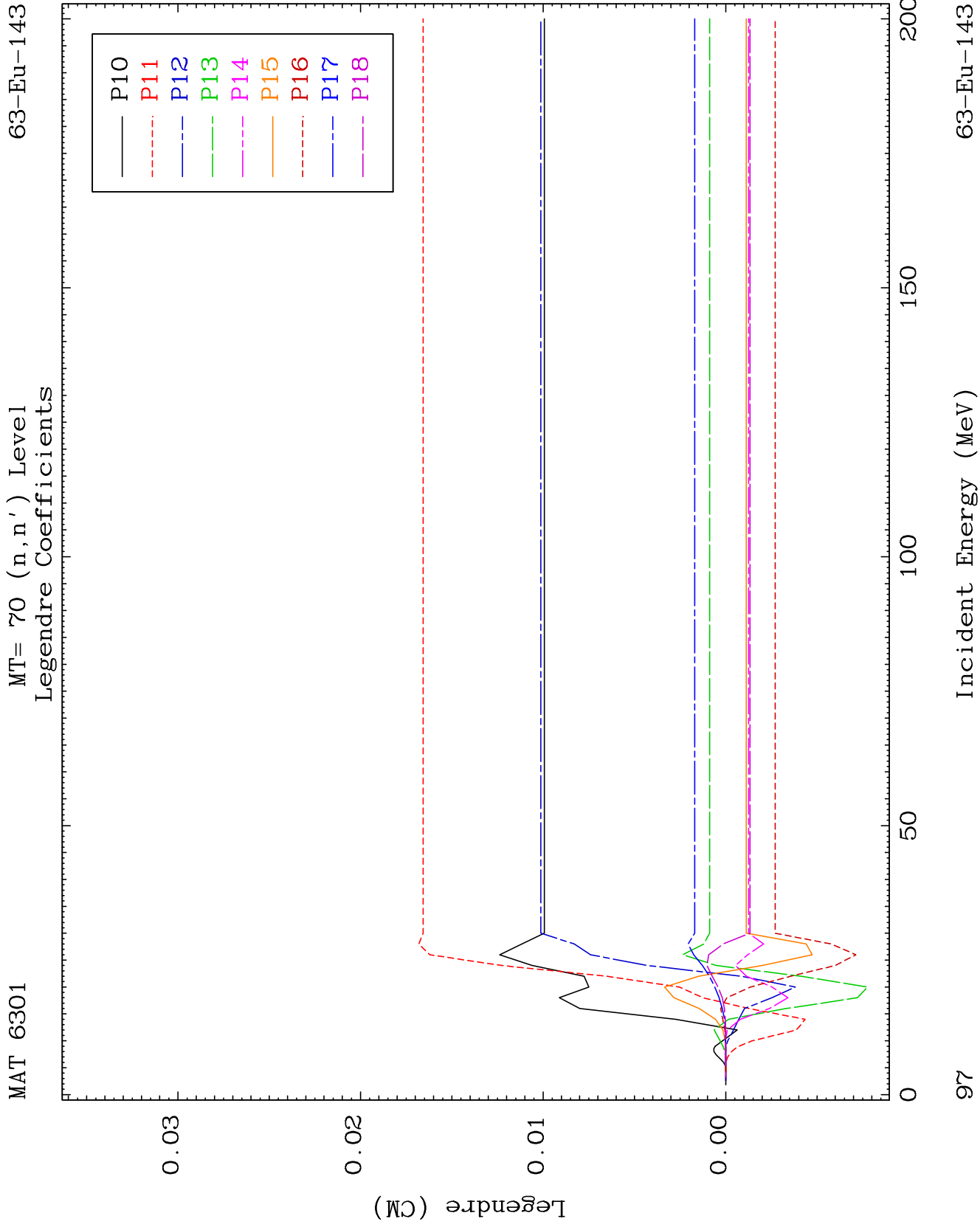


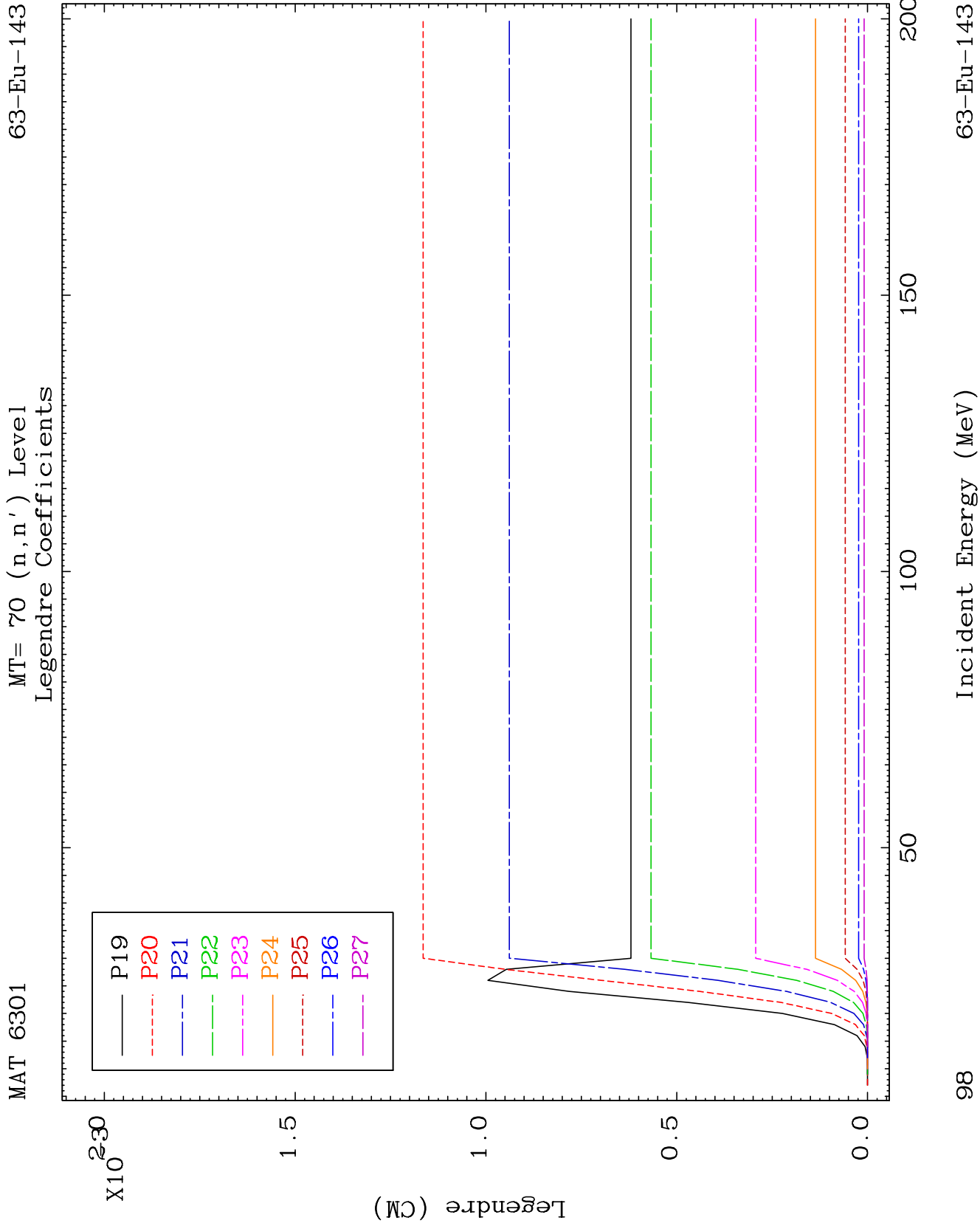
95

Incident Energy (MeV)

63-Eu-143



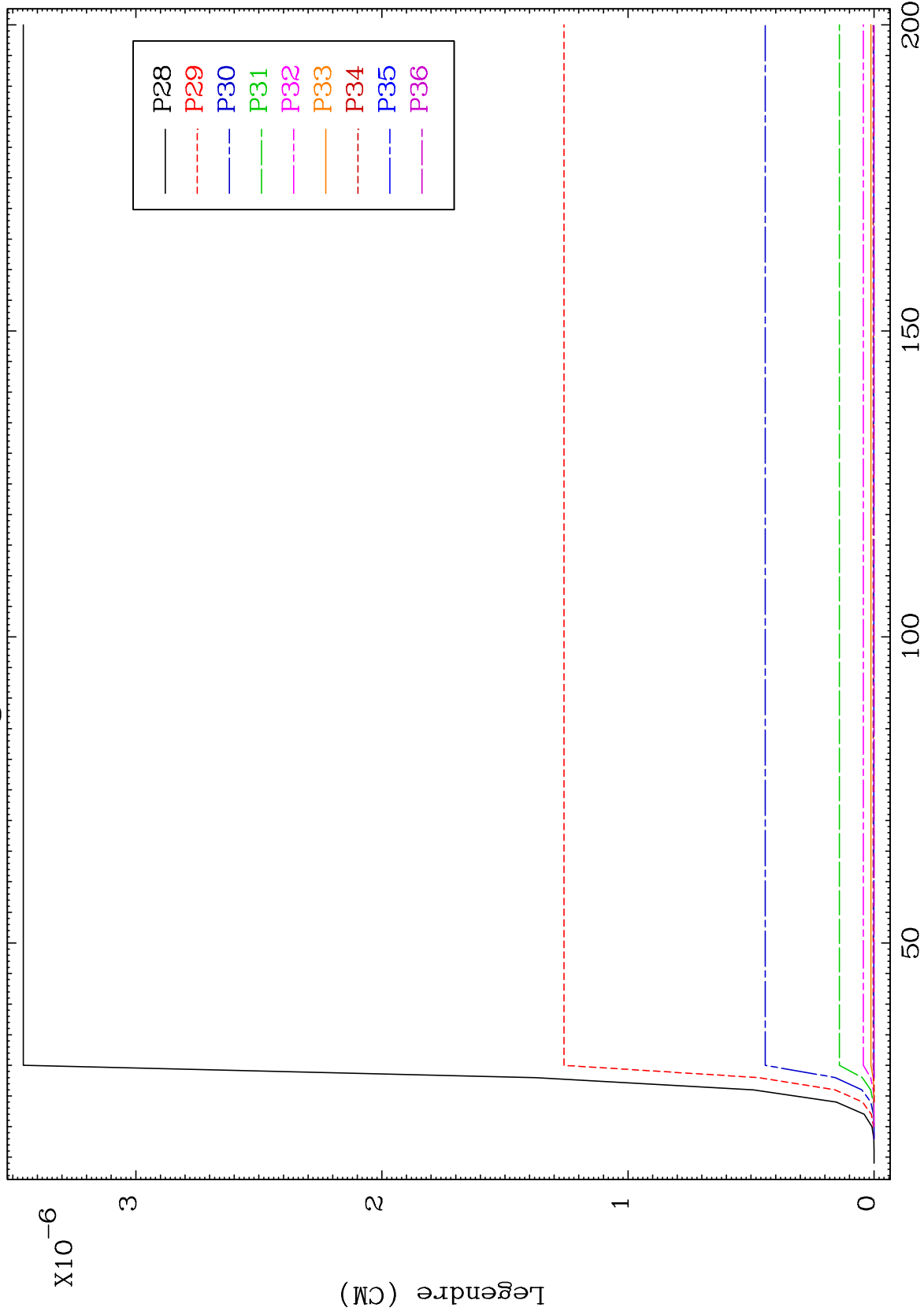




MAT 6301

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

63-Eu-143



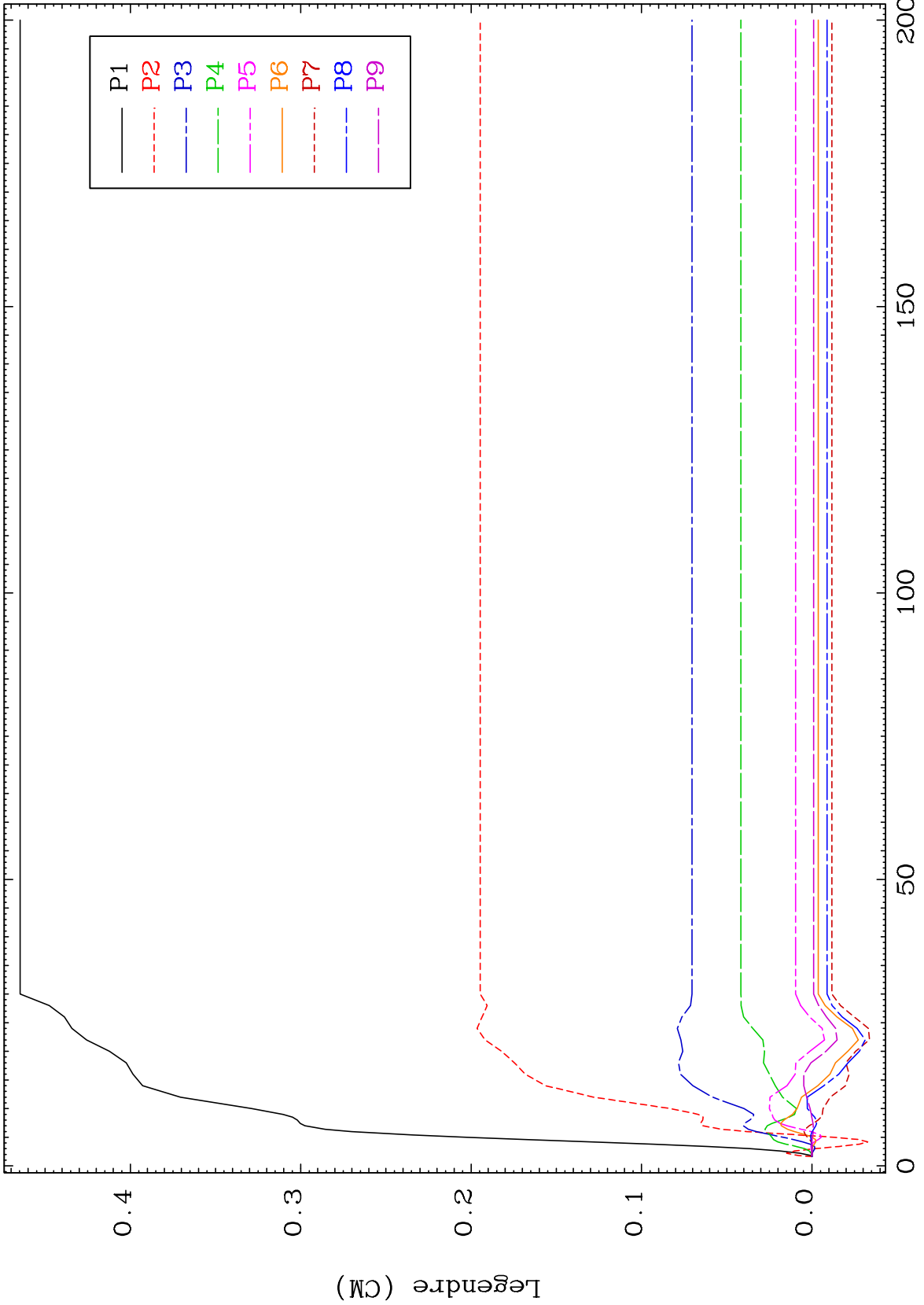
99

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 71 (n,n') Level 63-Eu-143

Legendre Coefficients

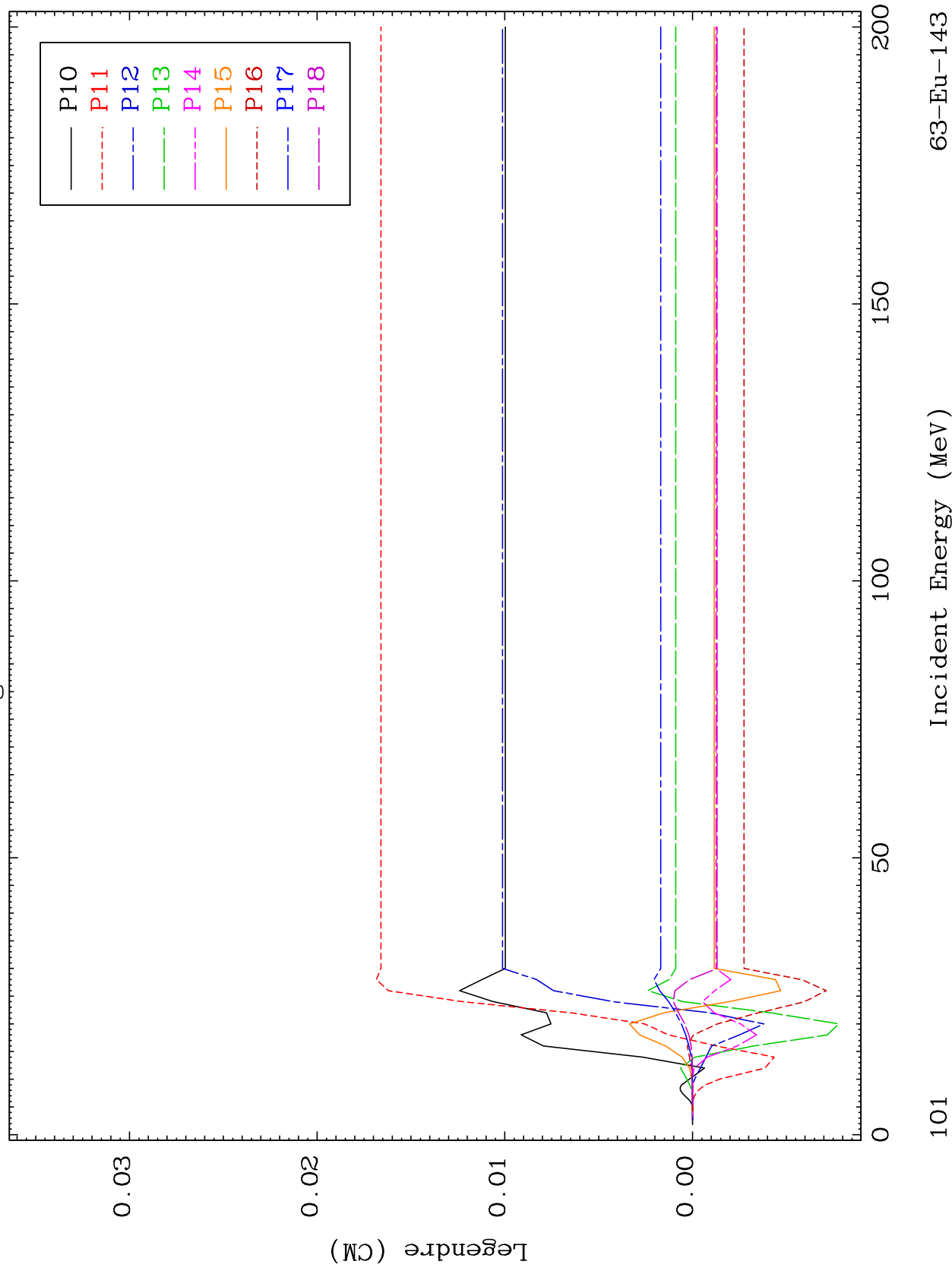


63-Eu-143

MAT 6301

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

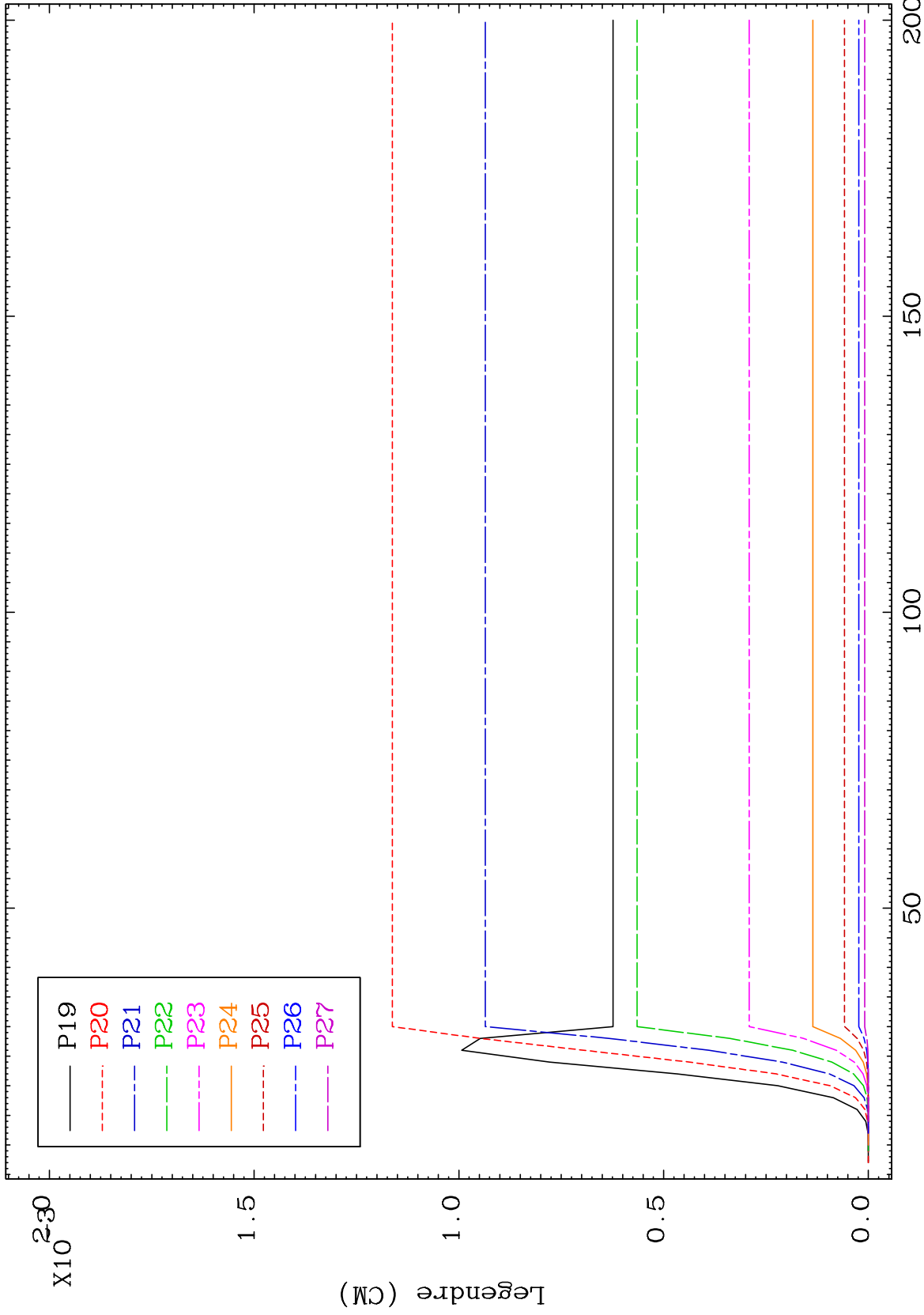
63-Eu-143



MAT 6301

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

63-Eu-143



102

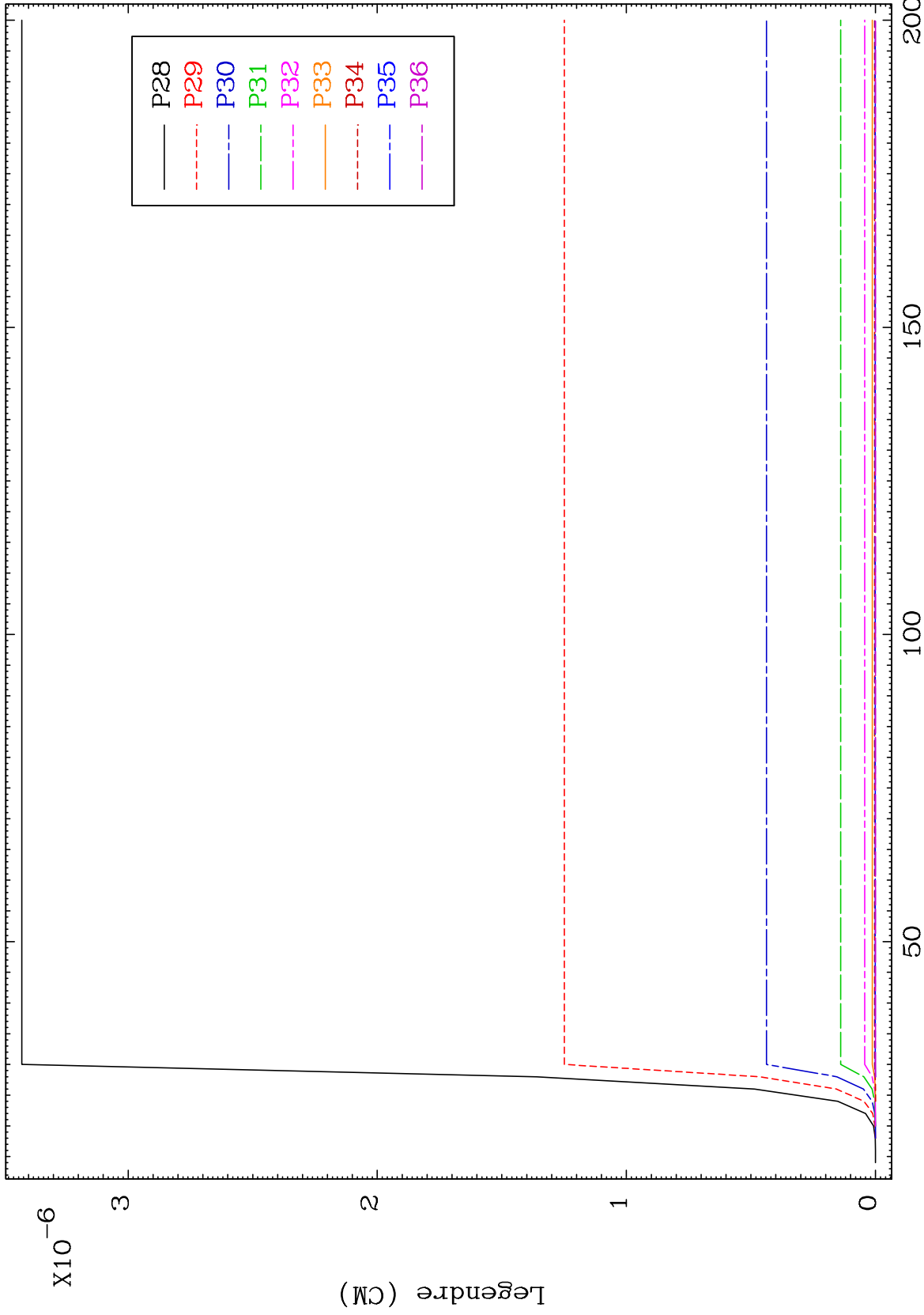
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



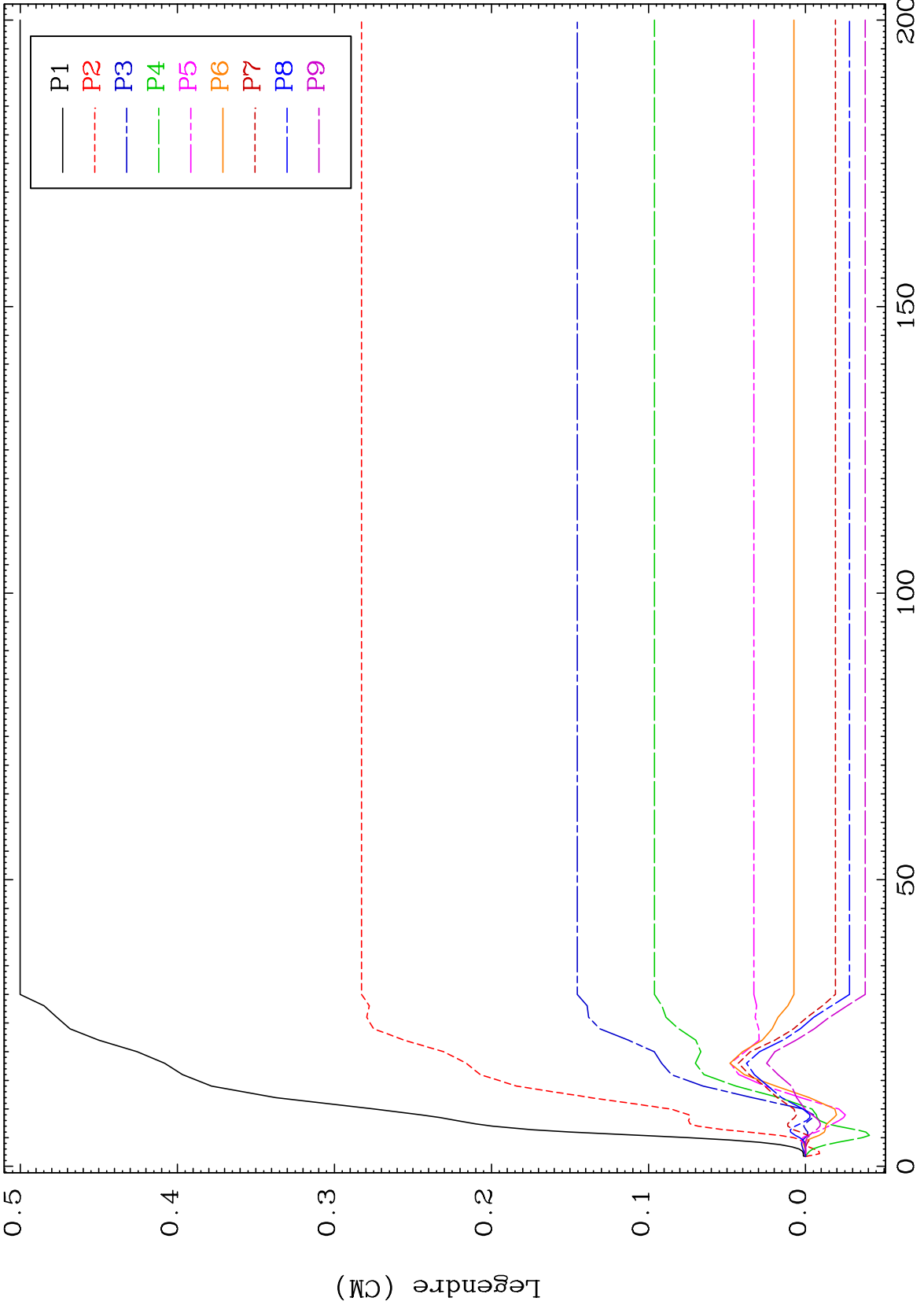
103

Incident Energy (MeV)

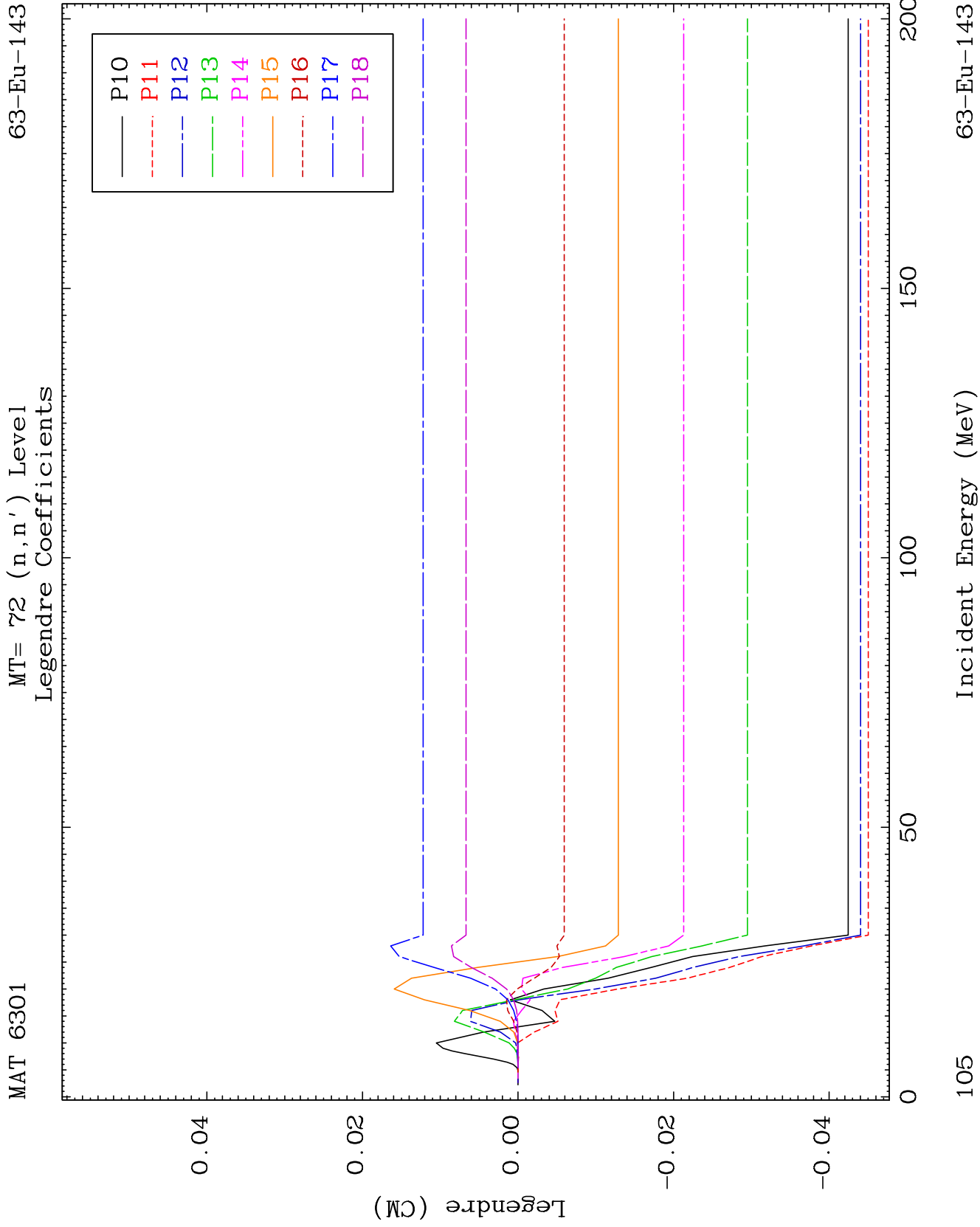
63-Eu-143

MAT 6301 MT= 72 (n,n') Level 63-Eu-143

Legendre Coefficients



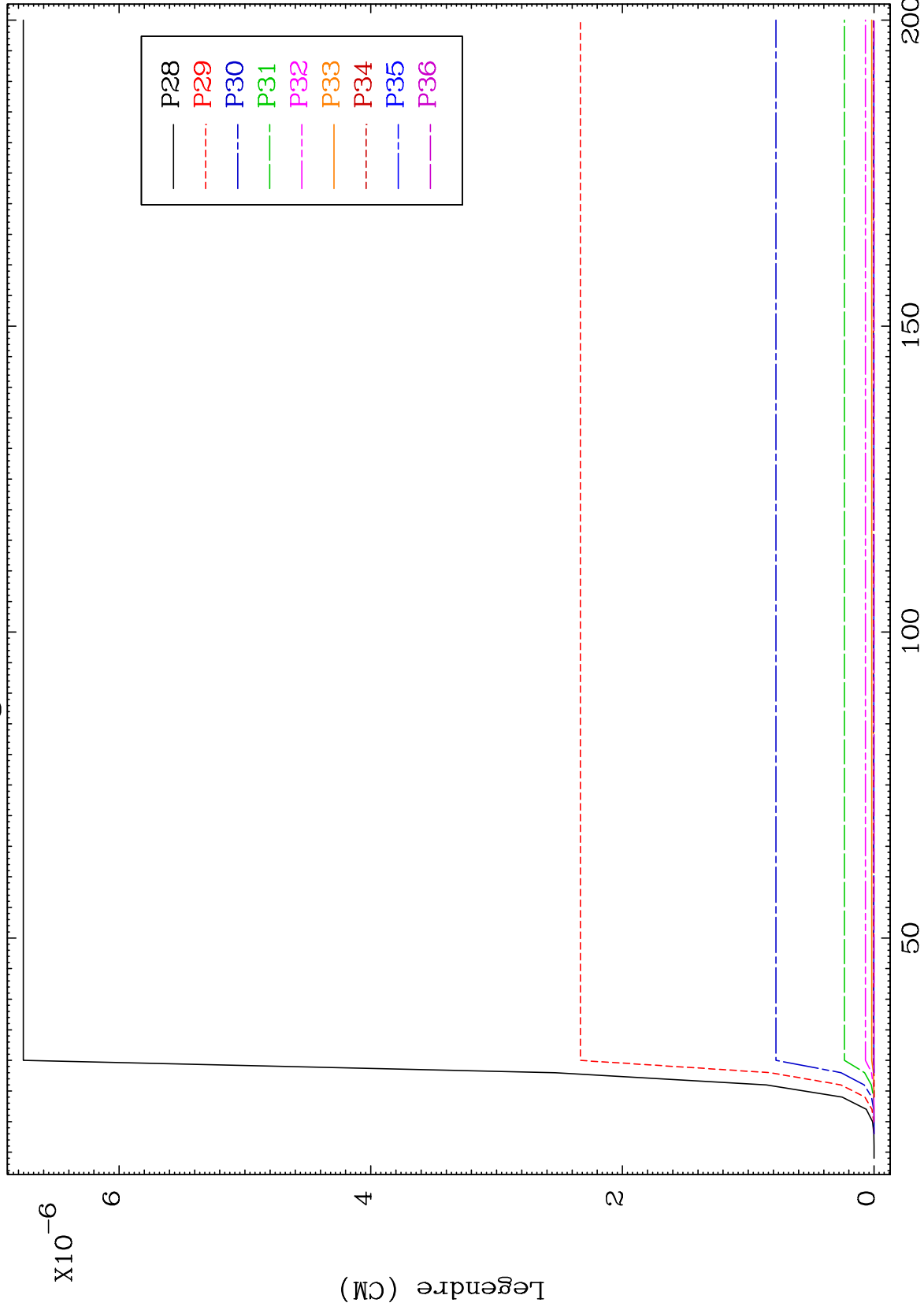
104 Incident Energy (MeV) 63-Eu-143



MAT 6301

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

63-Eu-143



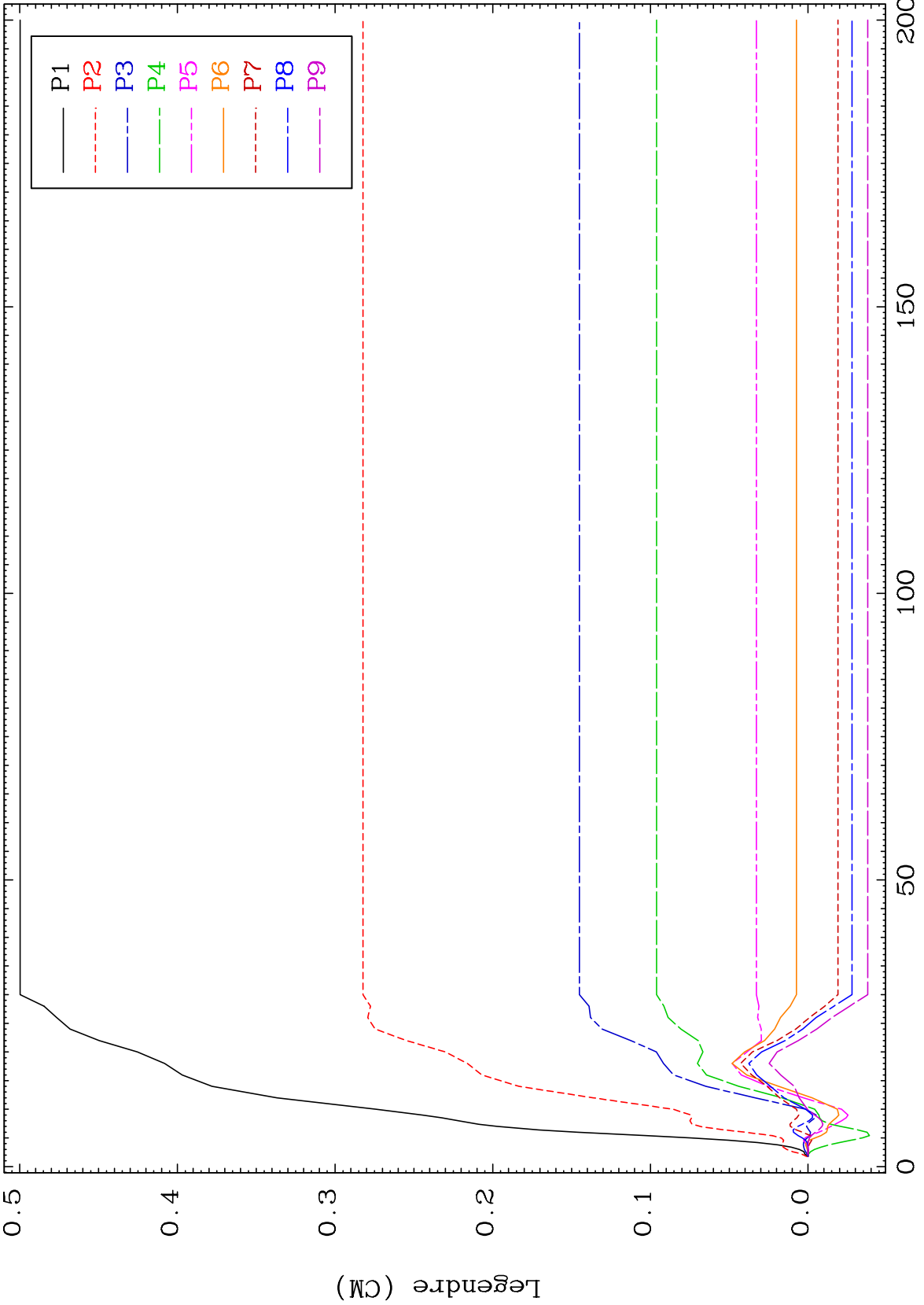
107

Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 73 (n,n') Level 63-Eu-143

Legendre Coefficients

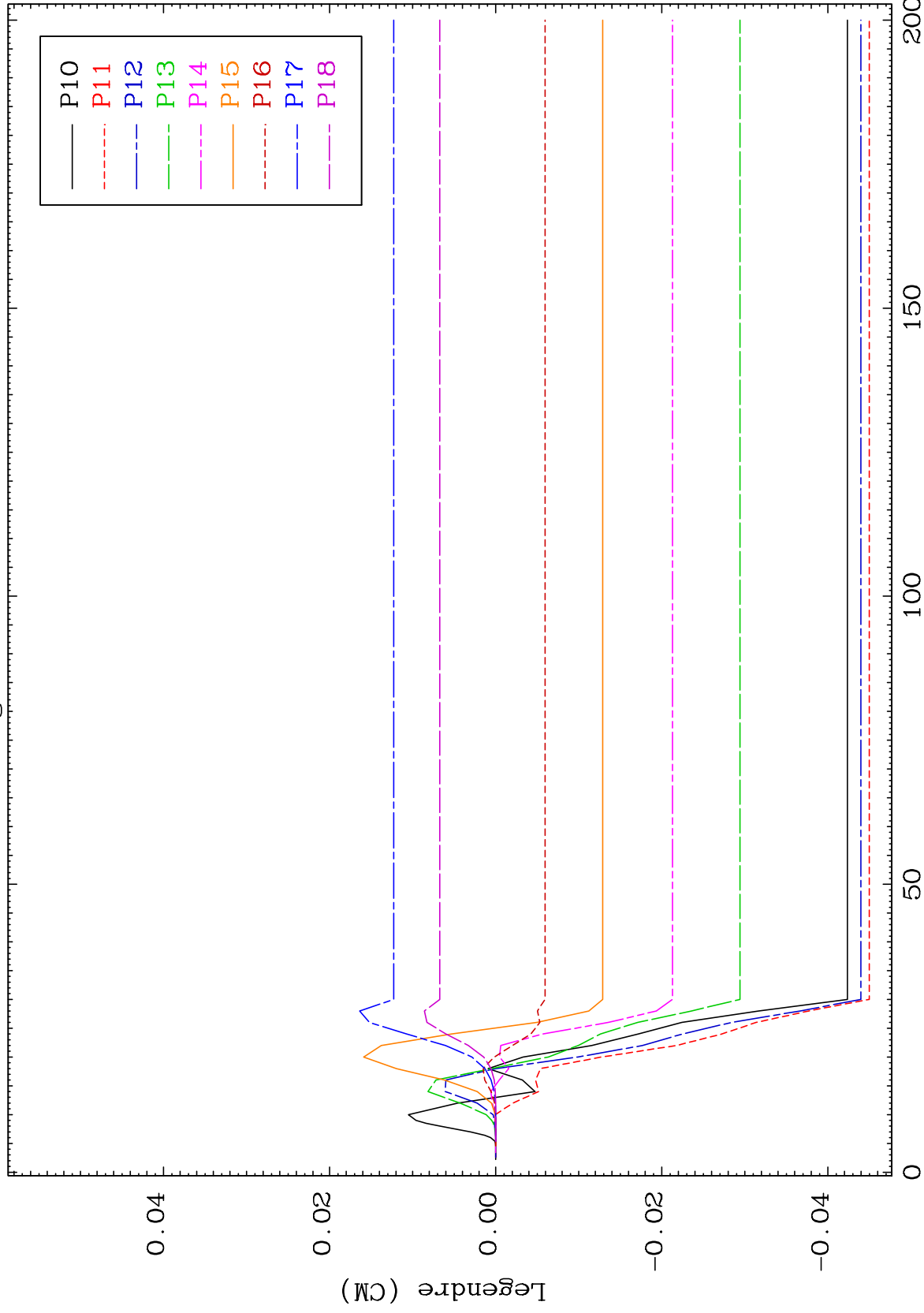


108 Incident Energy (MeV) 63-Eu-143

MAT 6301

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

63-Eu-143

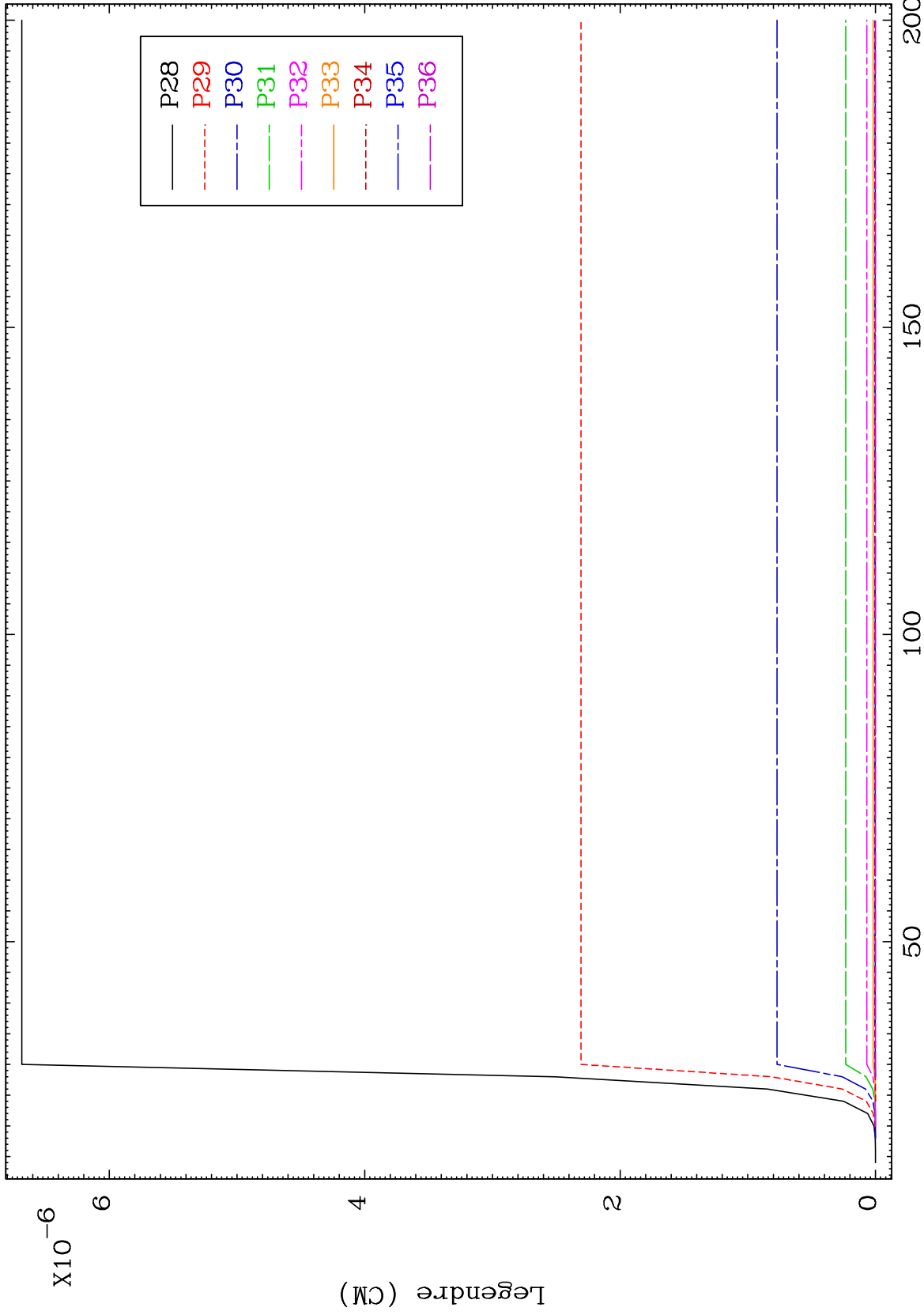


109

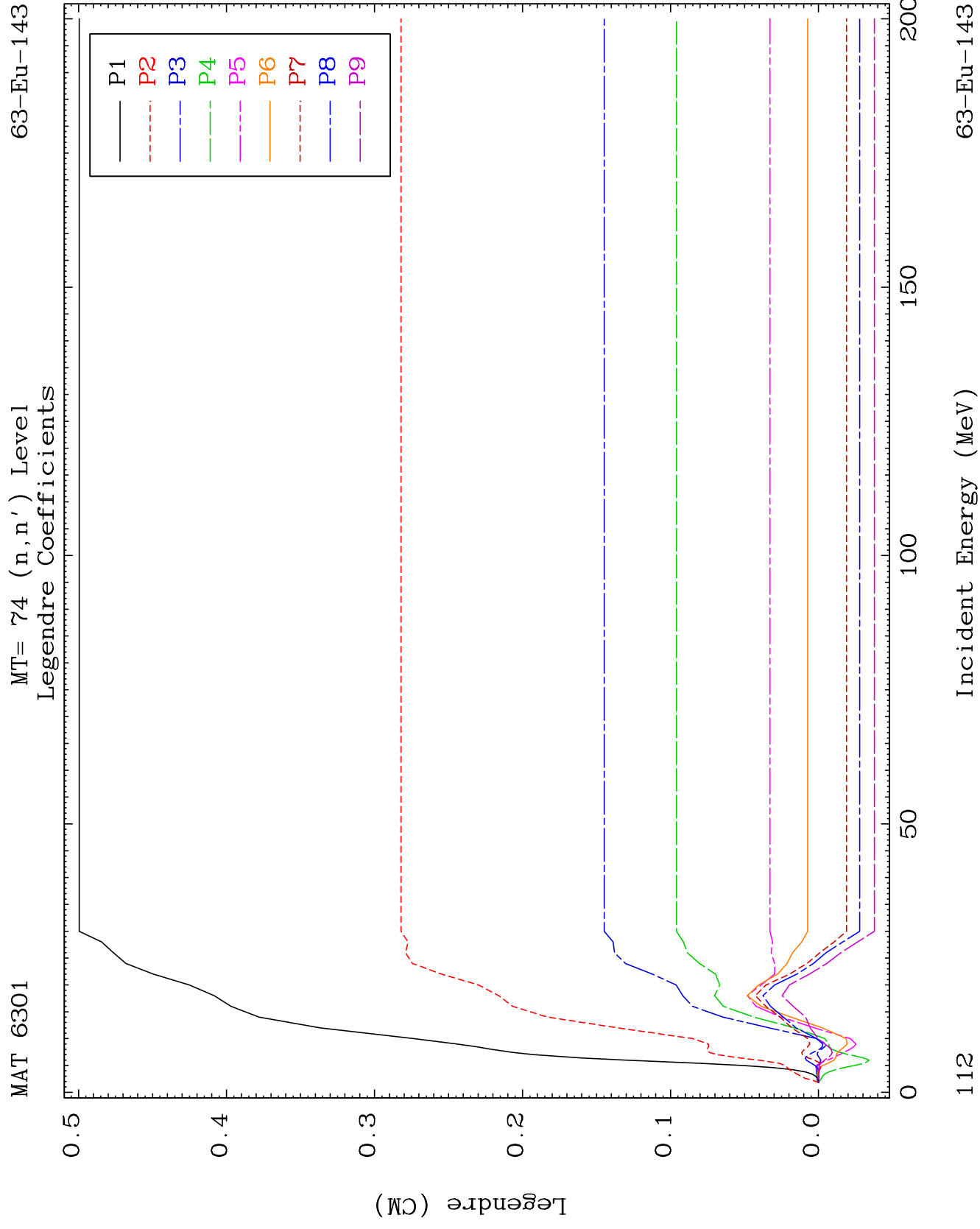
Incident Energy (MeV)

63-Eu-143

MAT 6301 MT= 73 (n,n') Level Legendre Coefficients 63-Eu-143



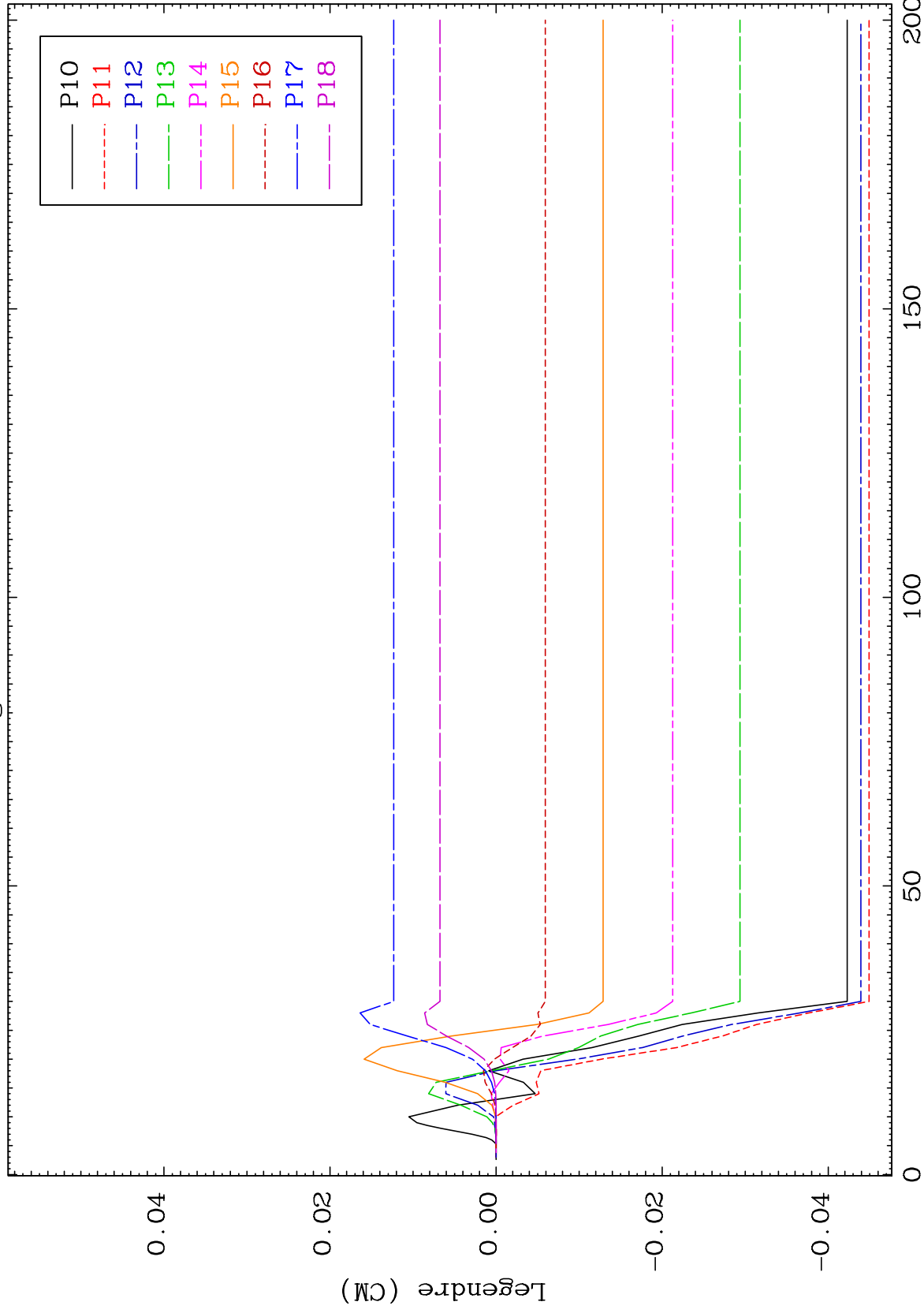
111 63-Eu-143



MAT 6301

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

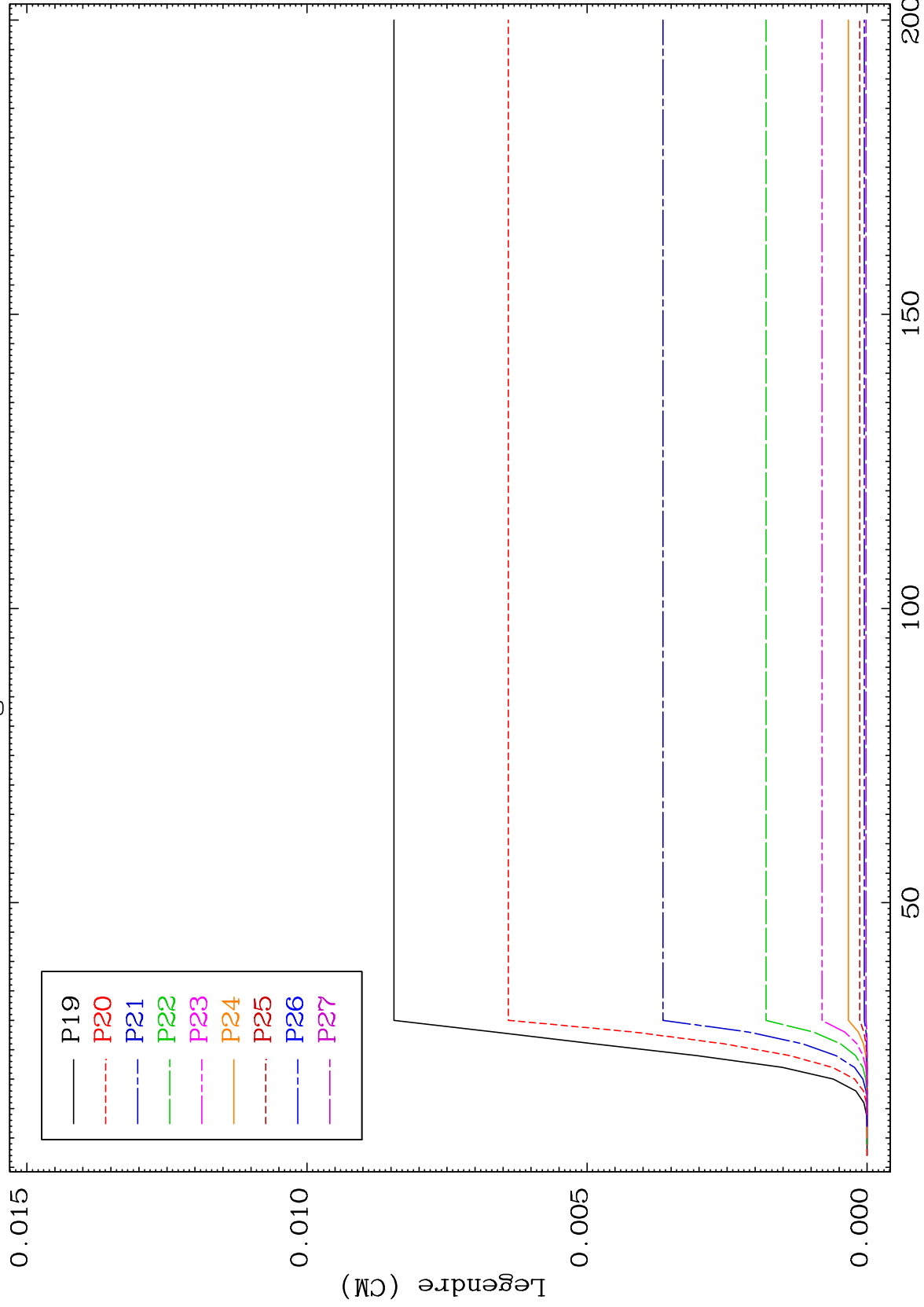
63-Eu-143



113

Incident Energy (MeV)

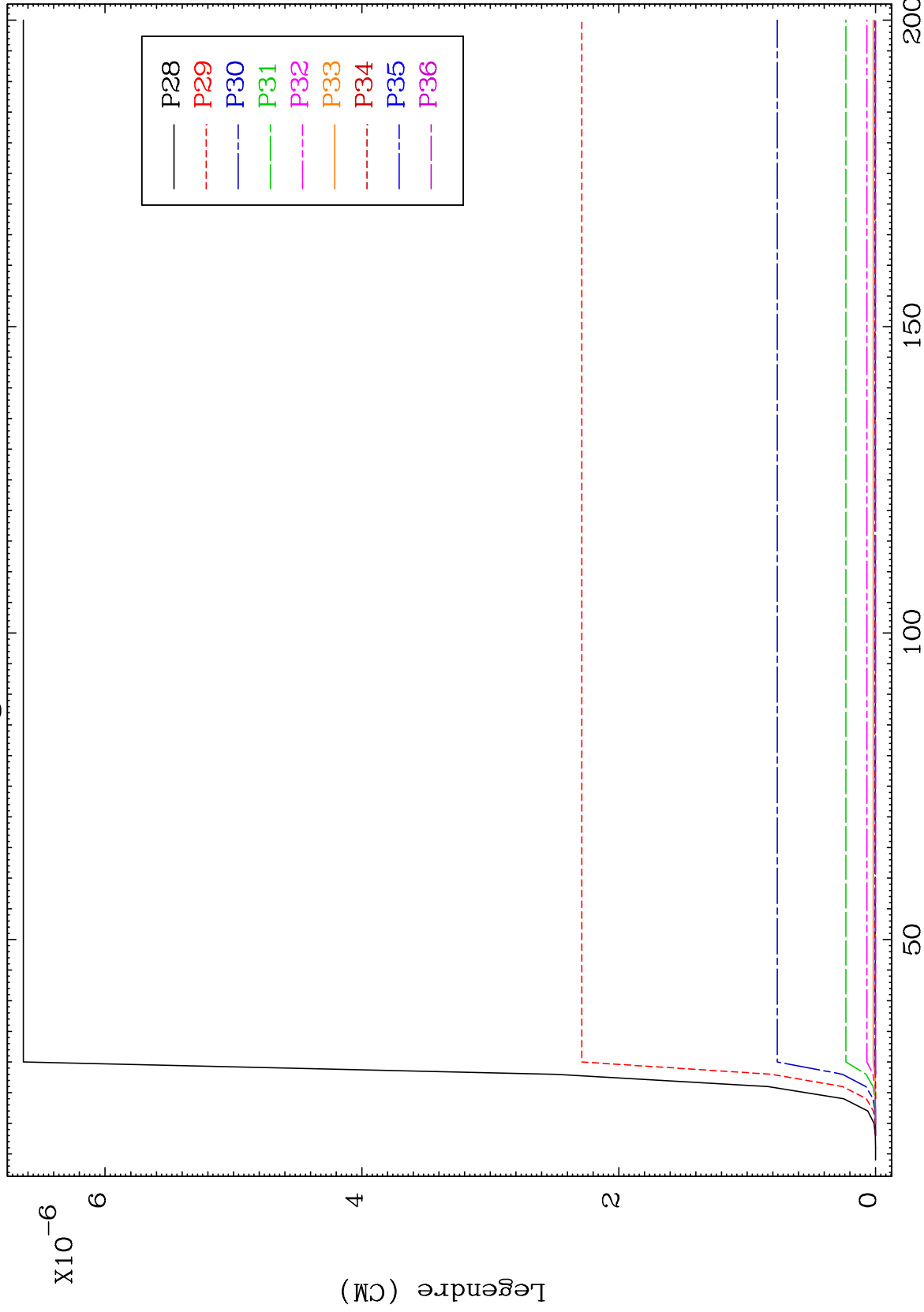
63-Eu-143



MAT 6301

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

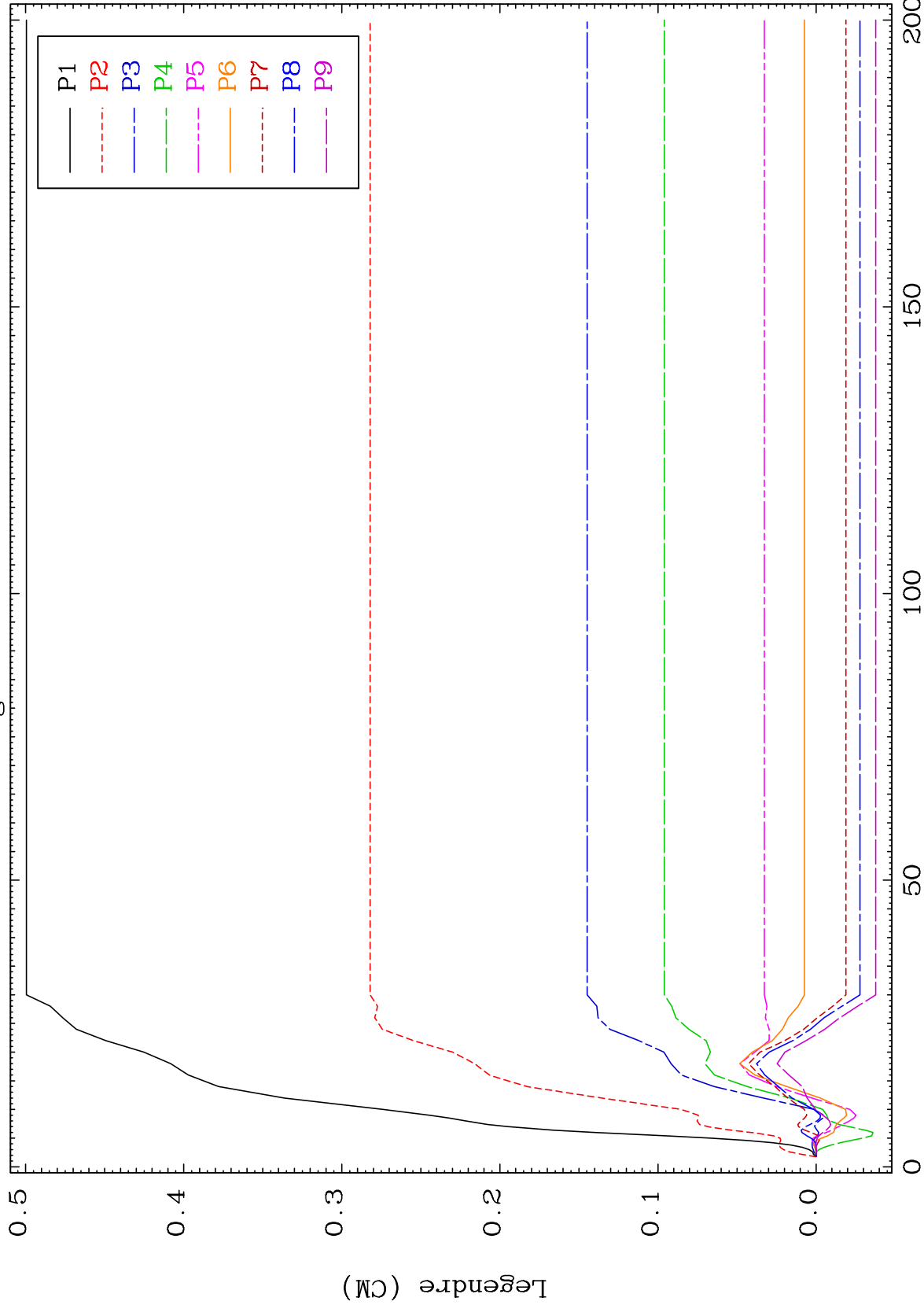
63-Eu-143



115

Incident Energy (MeV)

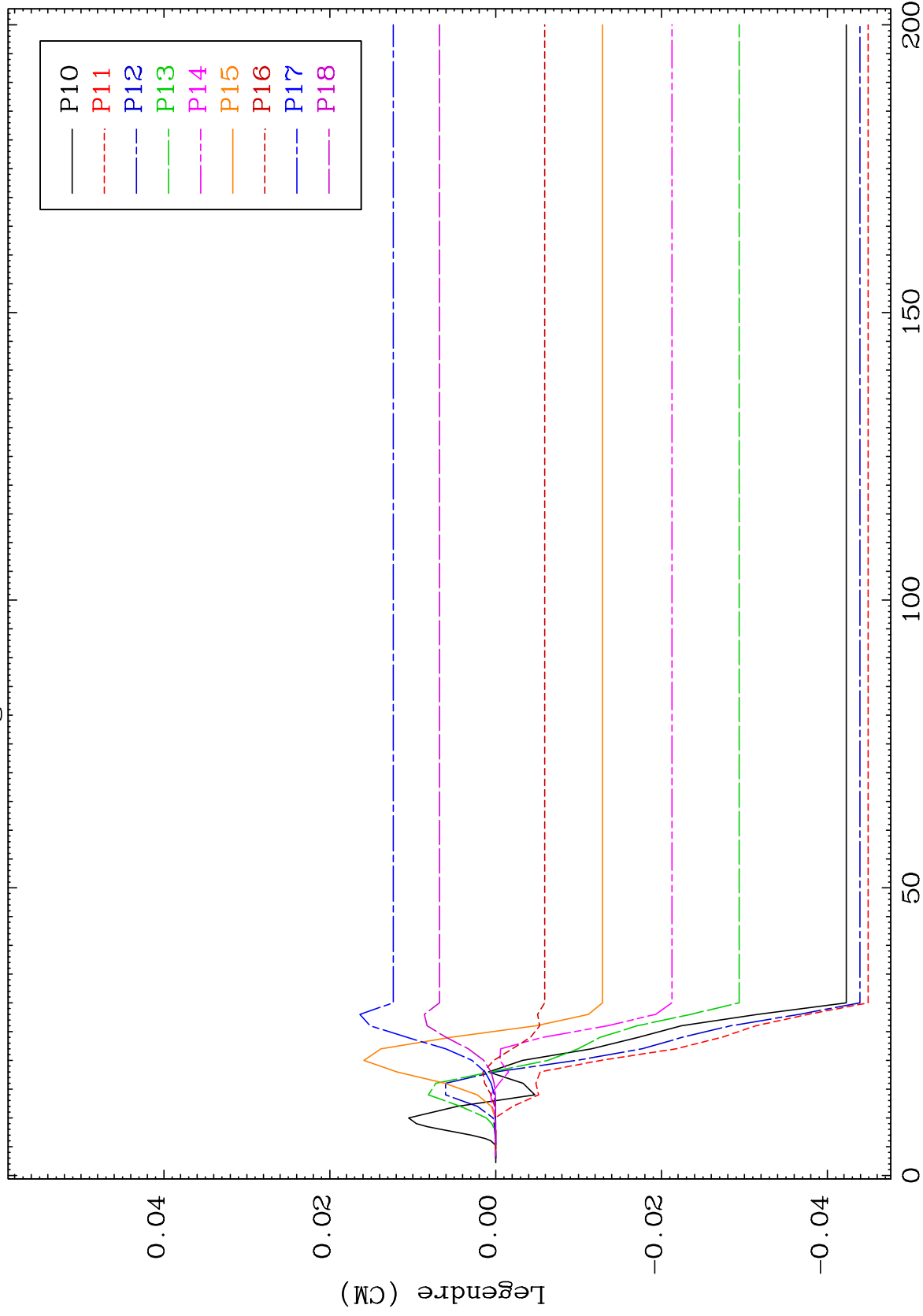
63-Eu-143



MAT 6301

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

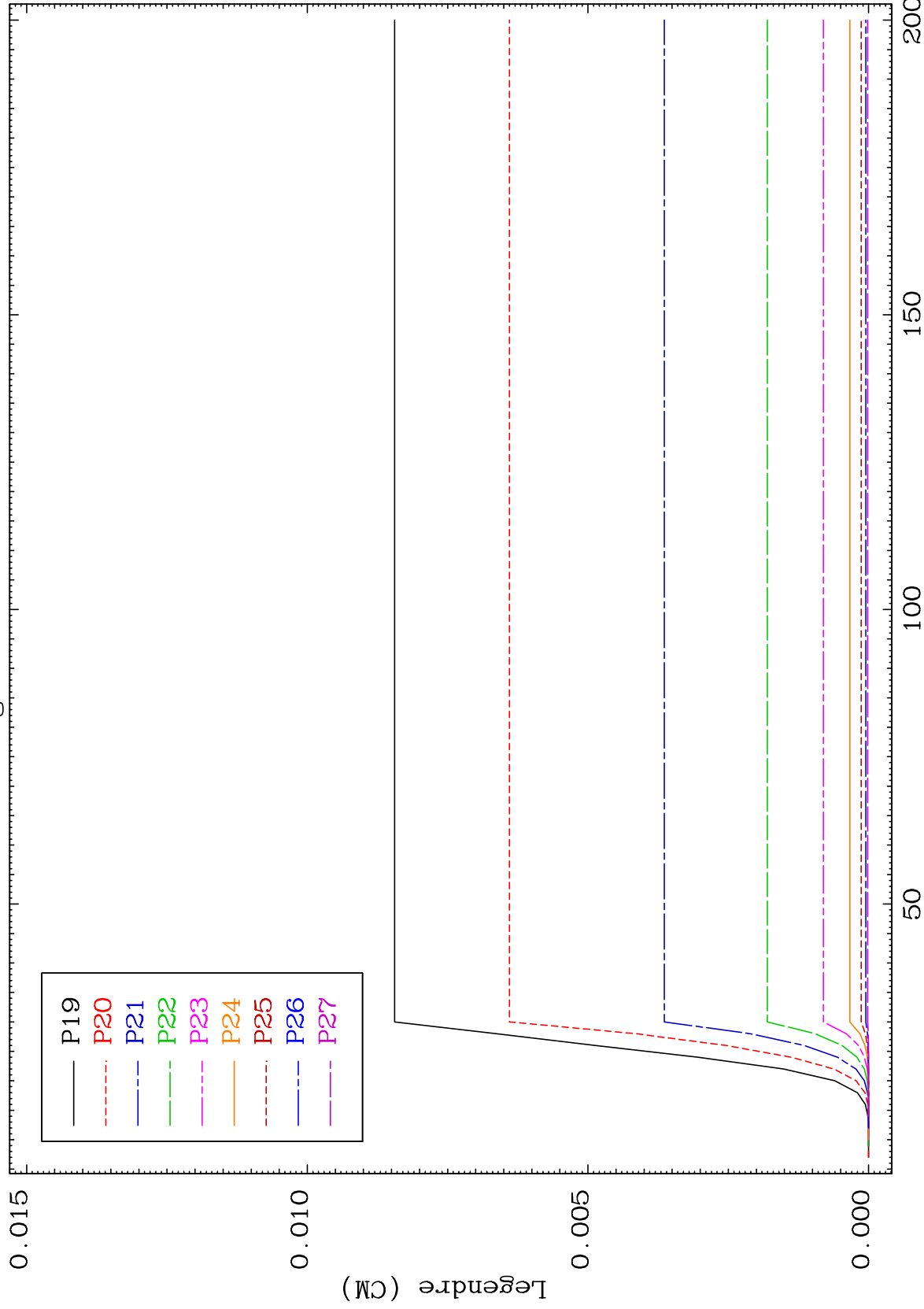
63-Eu-143



117

Incident Energy (MeV)

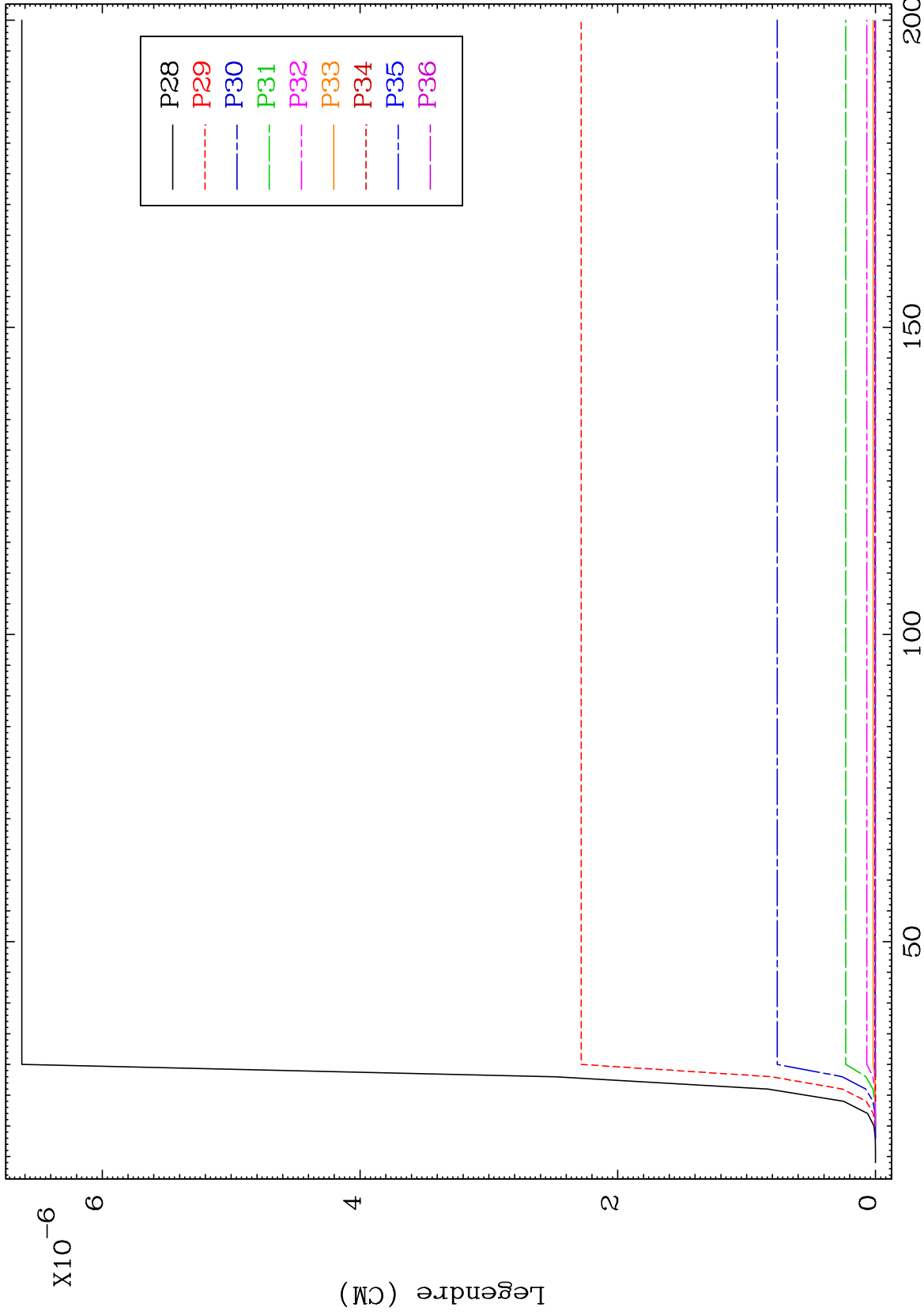
63-Eu-143



MAT 6301

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

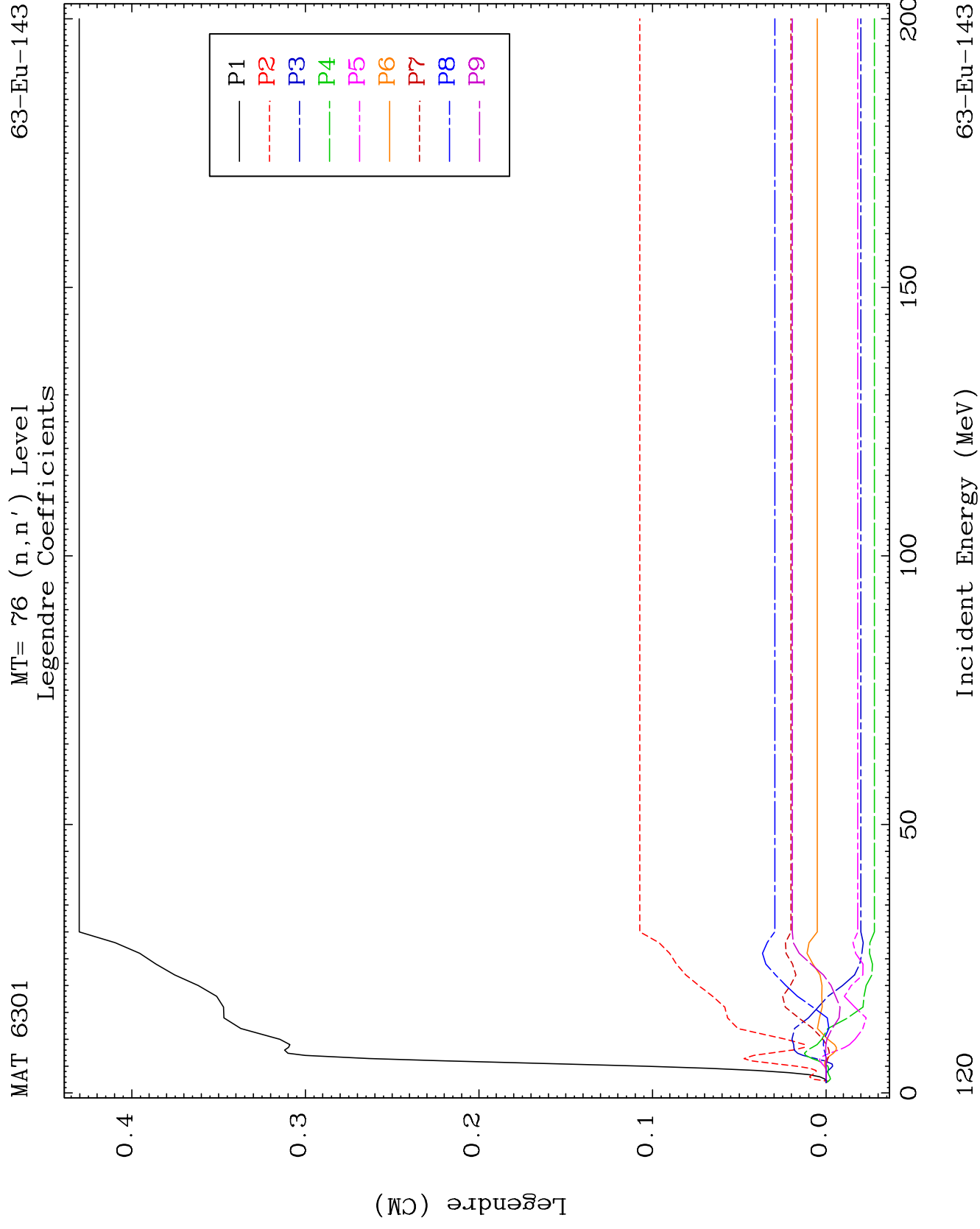
63-Eu-143

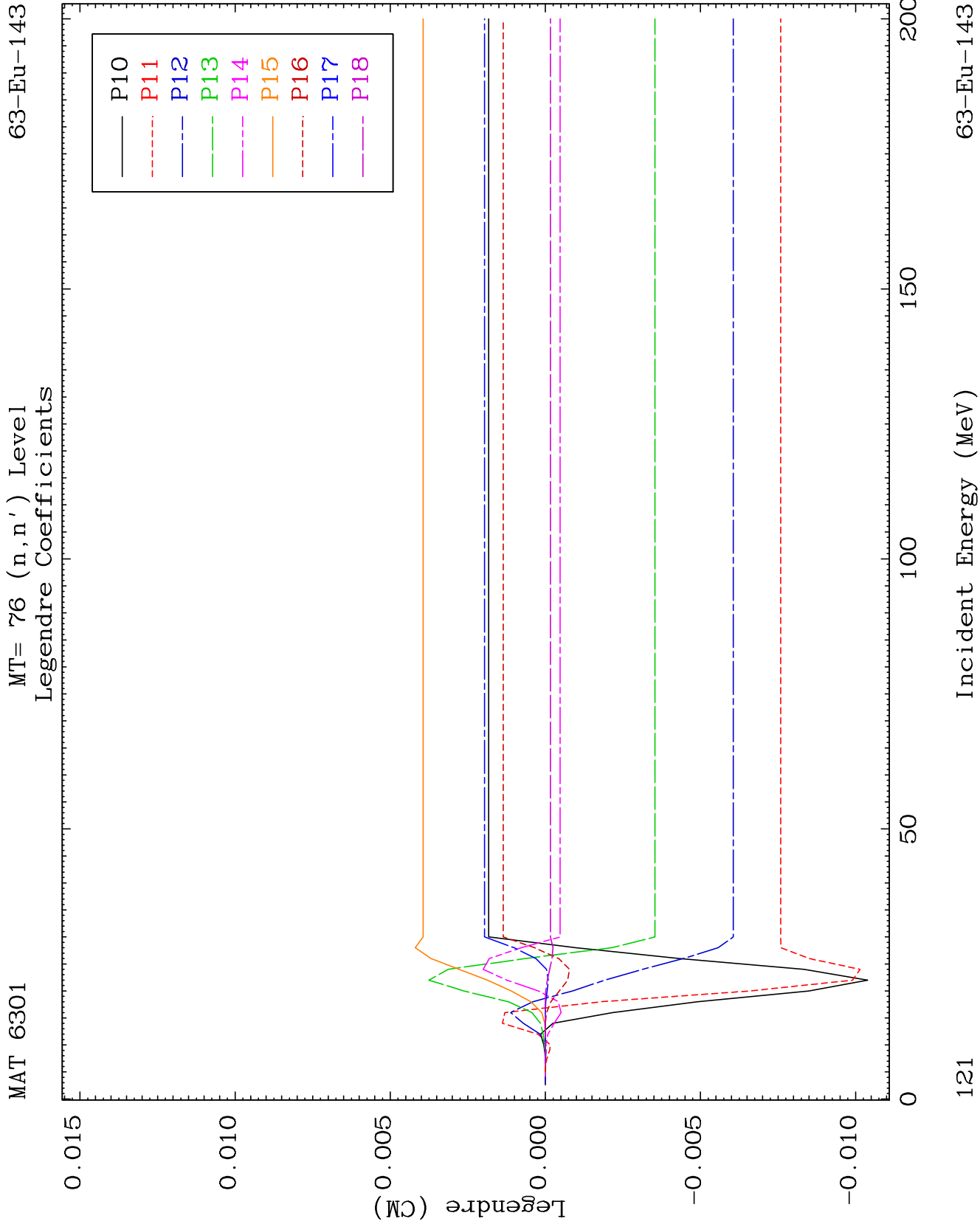


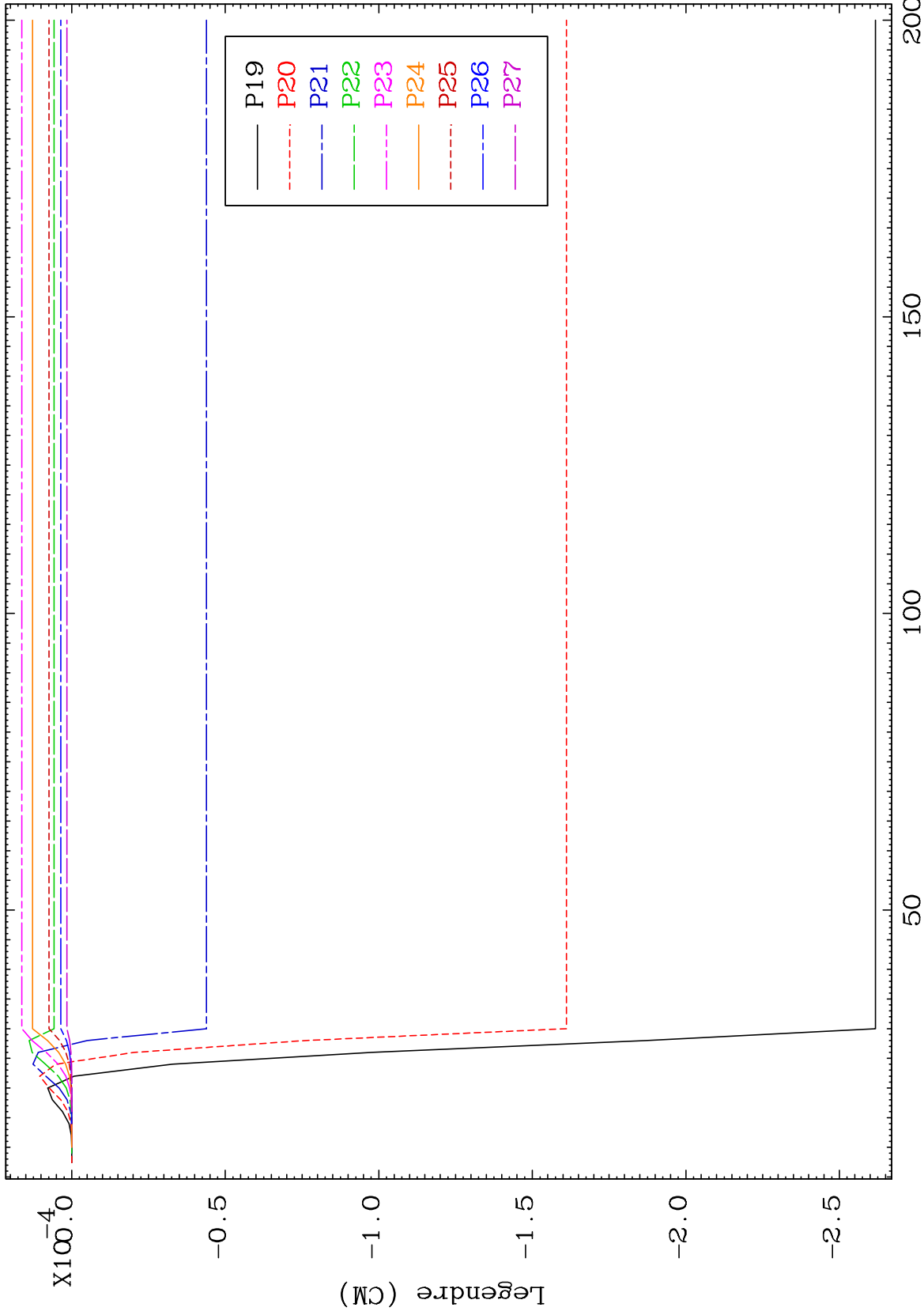
119

Incident Energy (MeV)

63-Eu-143



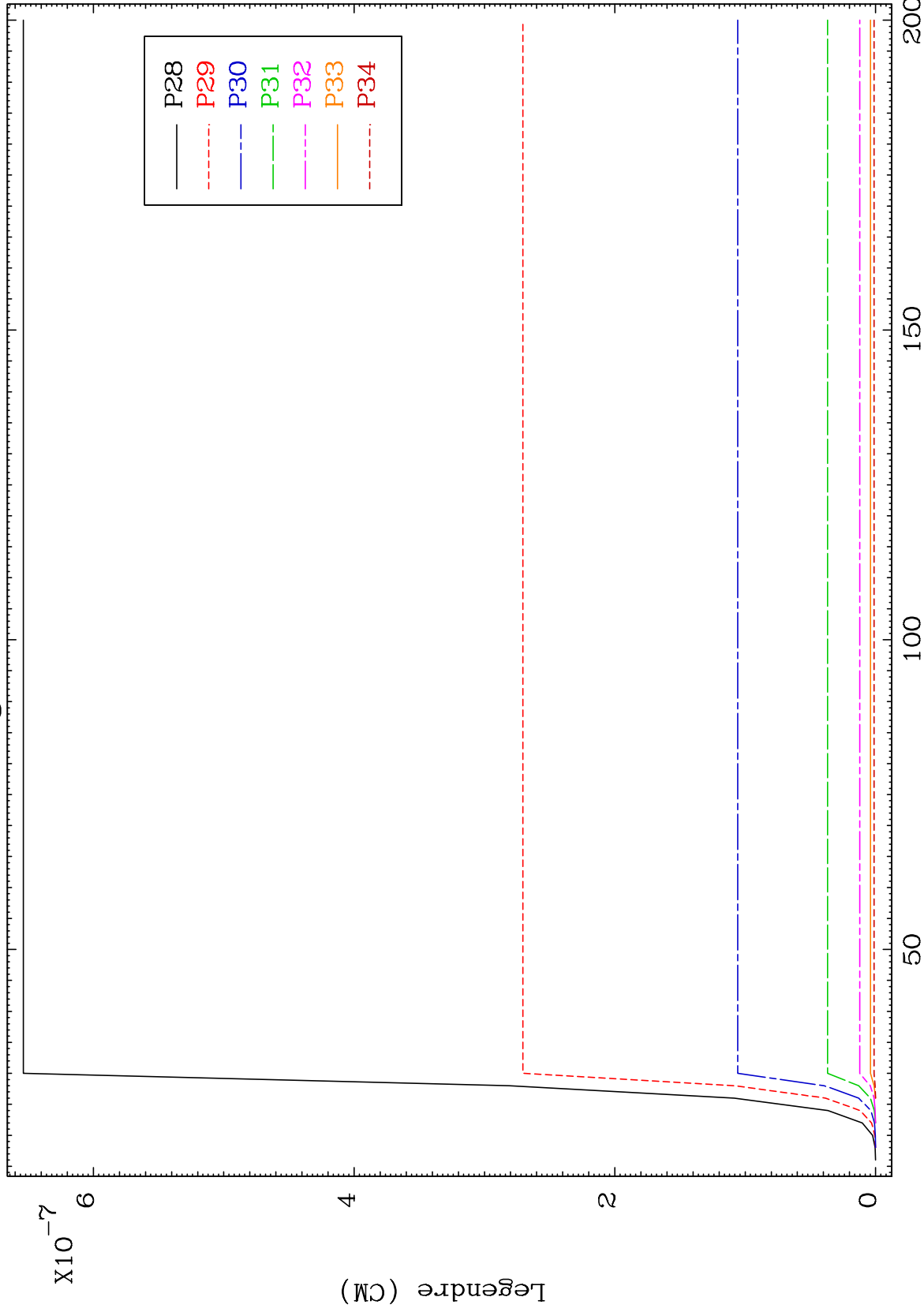




MAT 6301

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

63-Eu-143



123

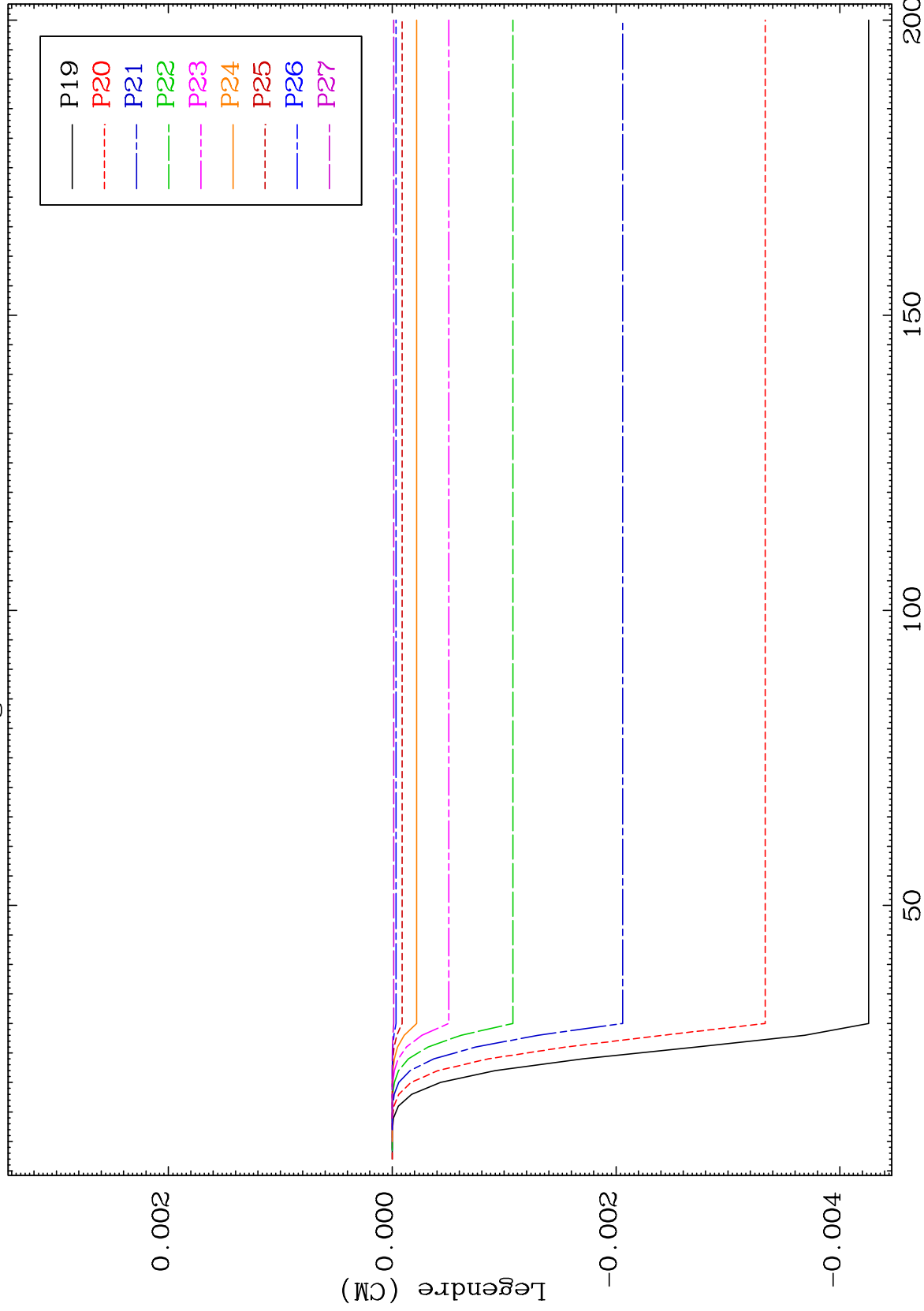
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143

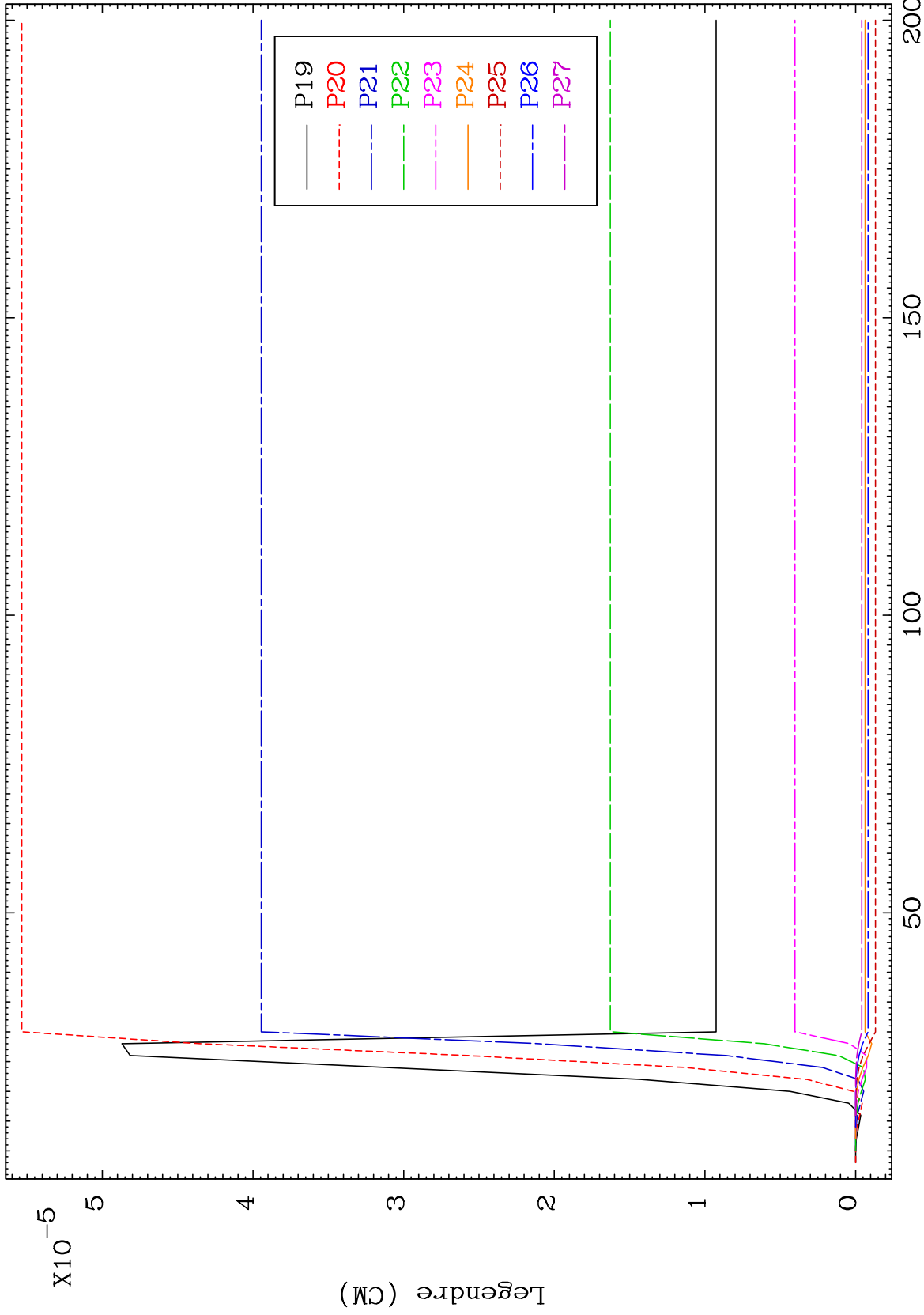


126

Incident Energy (MeV)

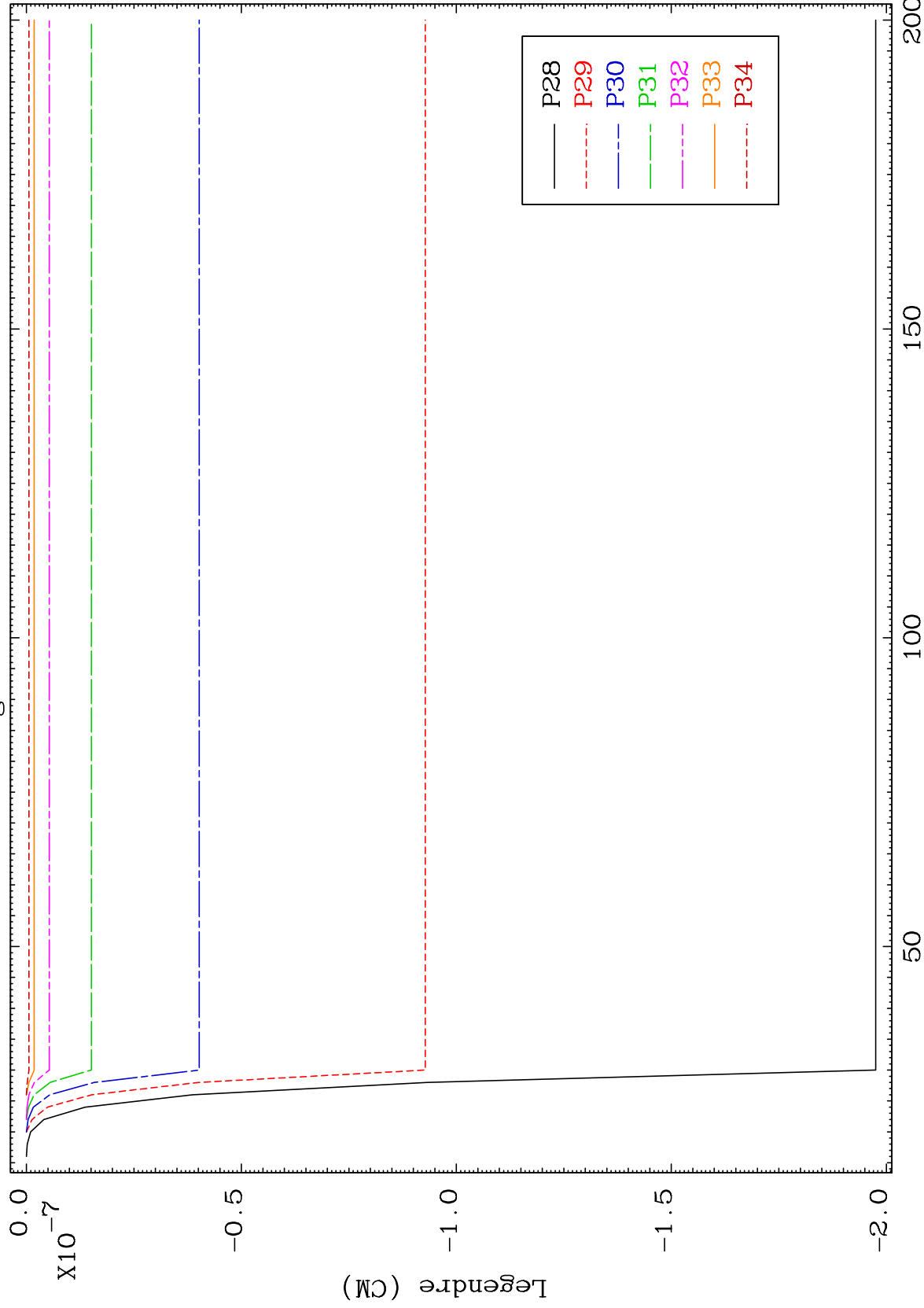
63-Eu-143

MAT 6301 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-143



130 150 200 63-Eu-143

MAT 6301 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-143

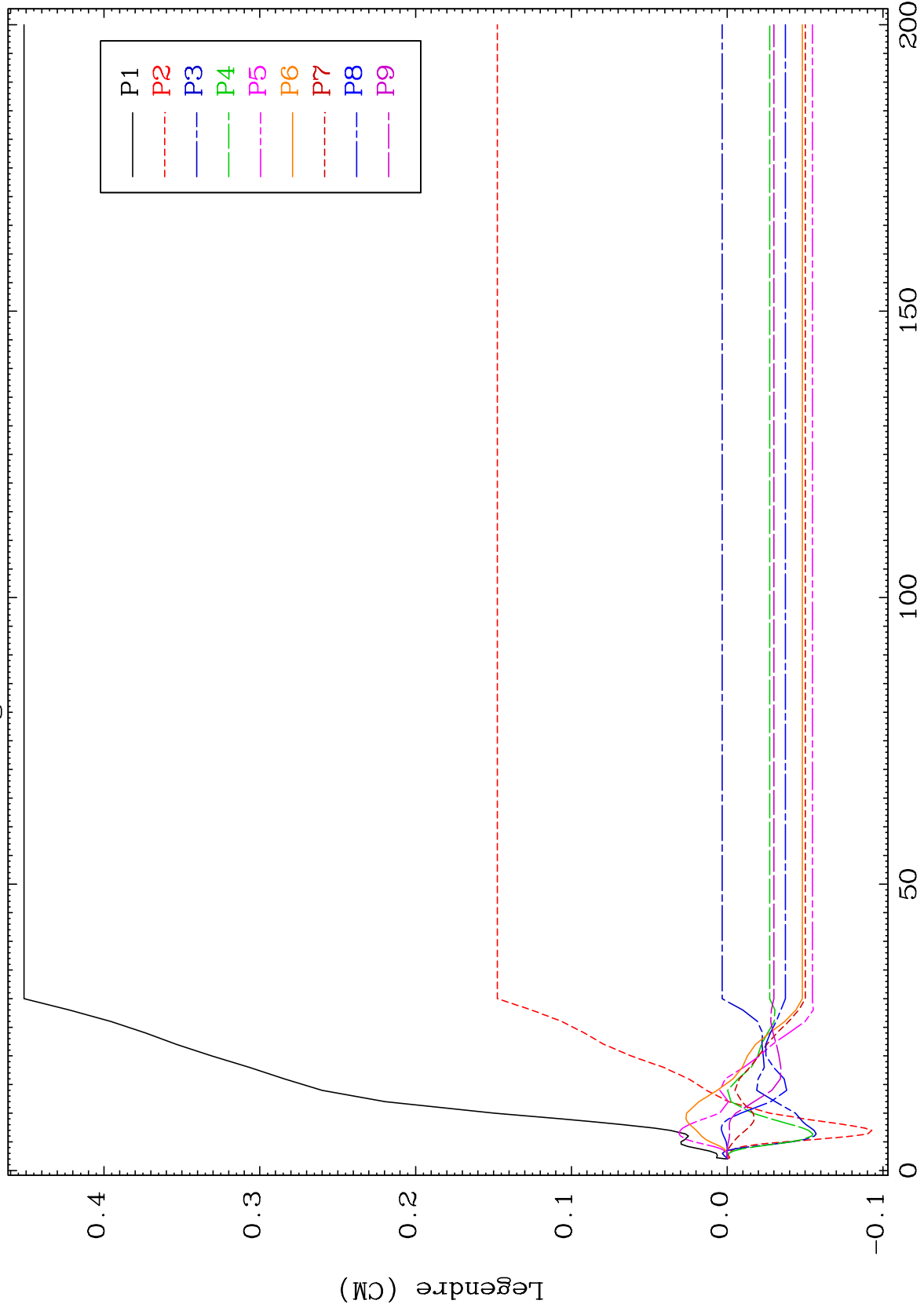


131 63-Eu-143

MAT 6301

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

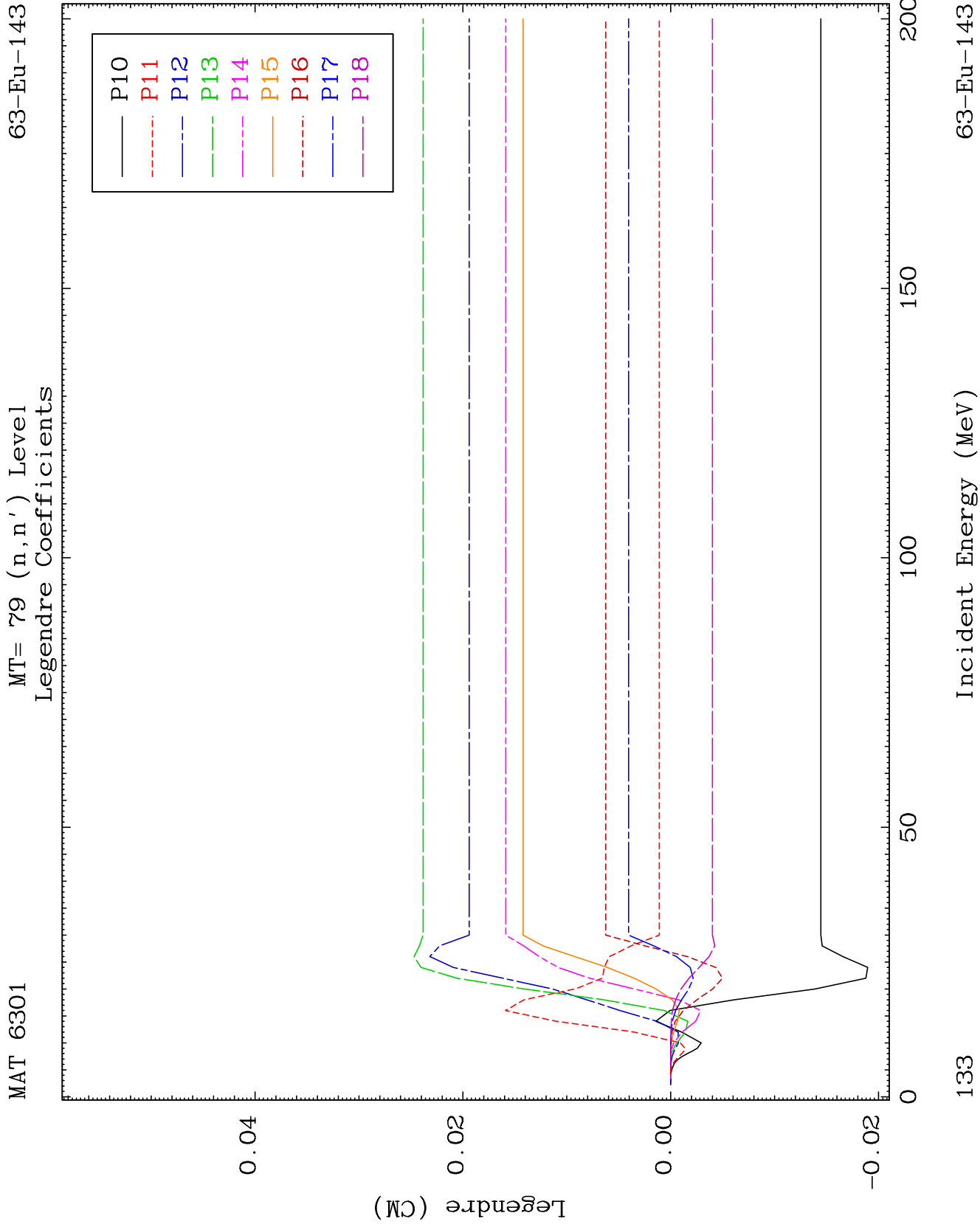
63-Eu-143



132

Incident Energy (MeV)

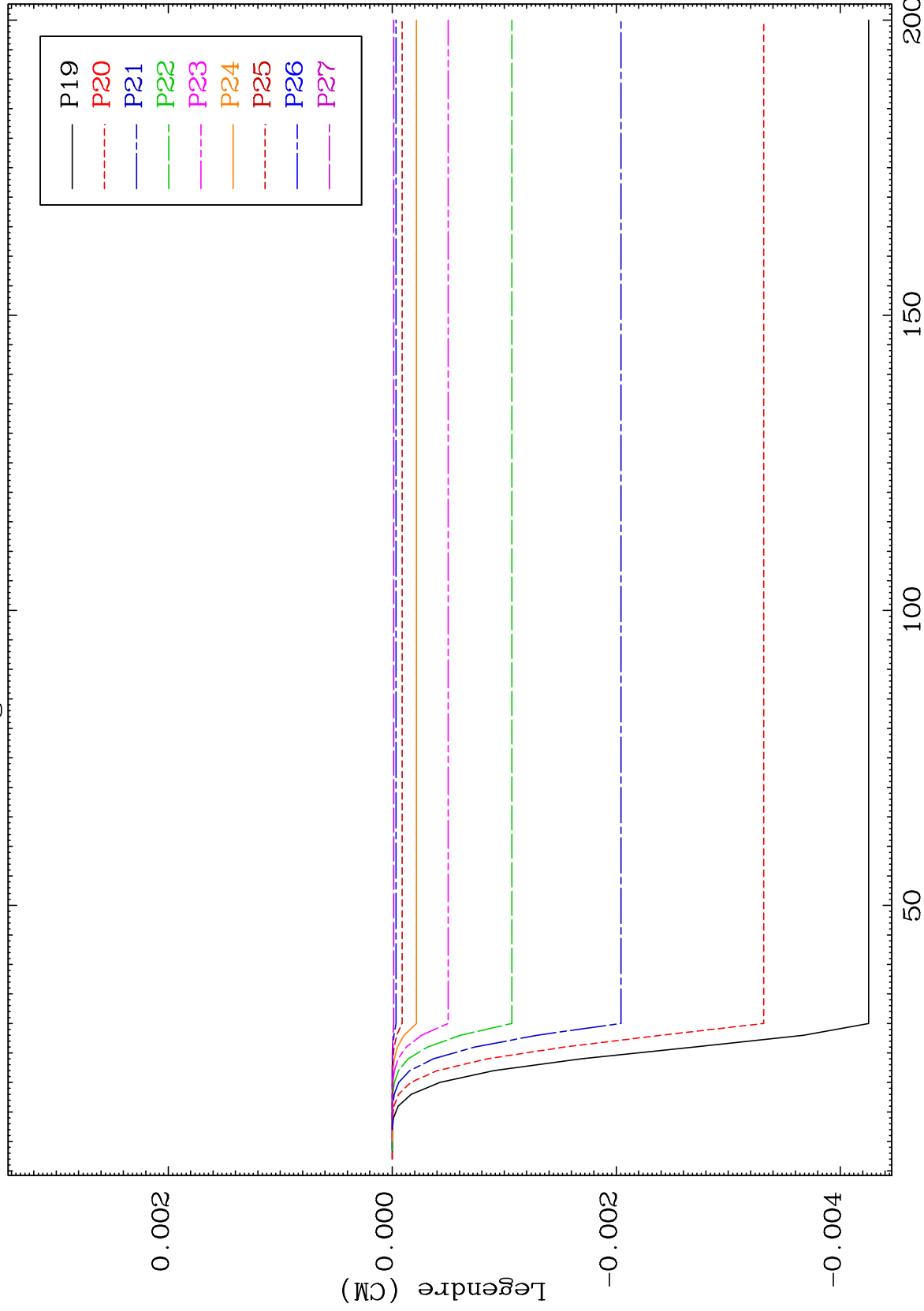
63-Eu-143



MAT 6301

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

63-Eu-143



134

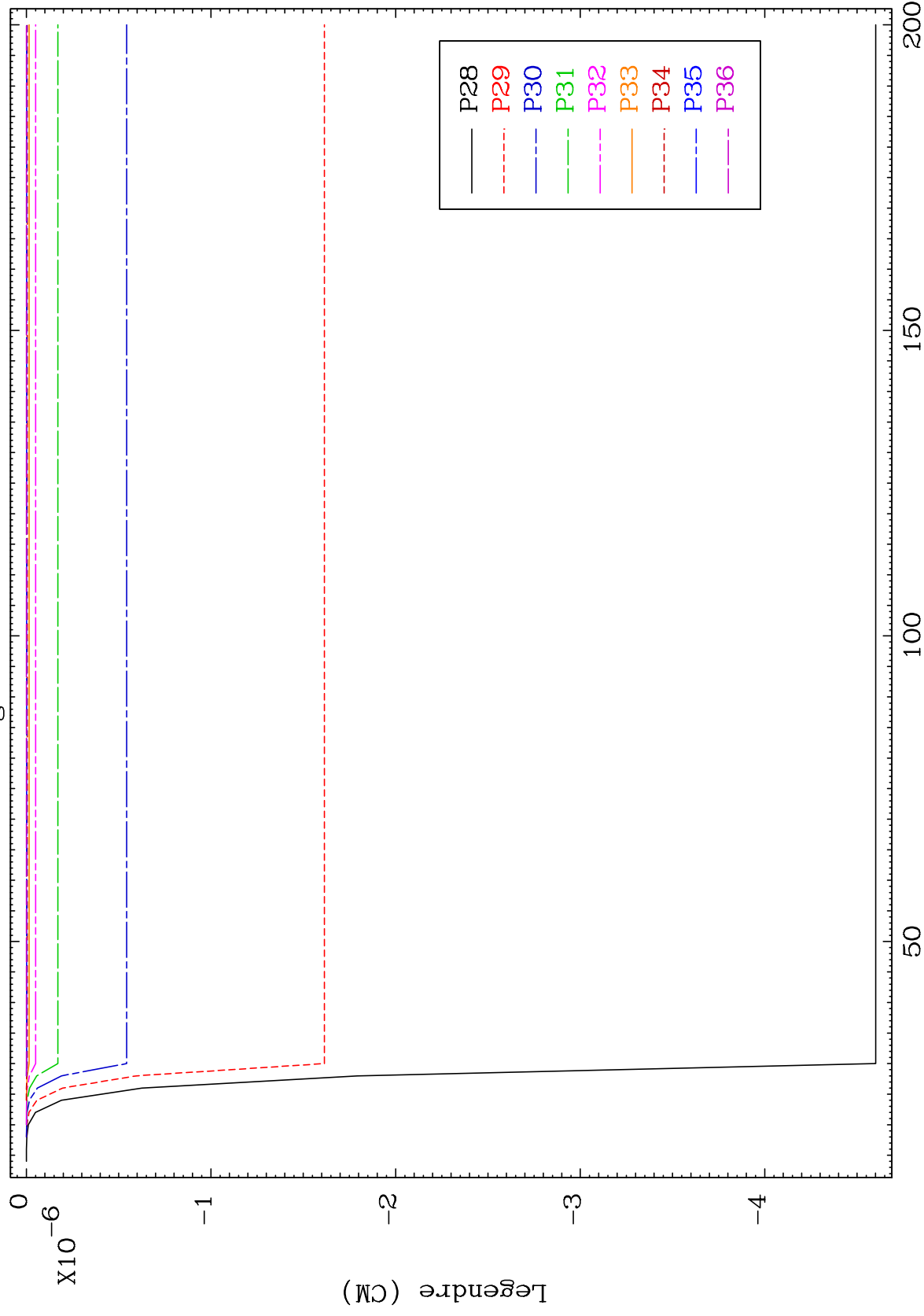
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



135

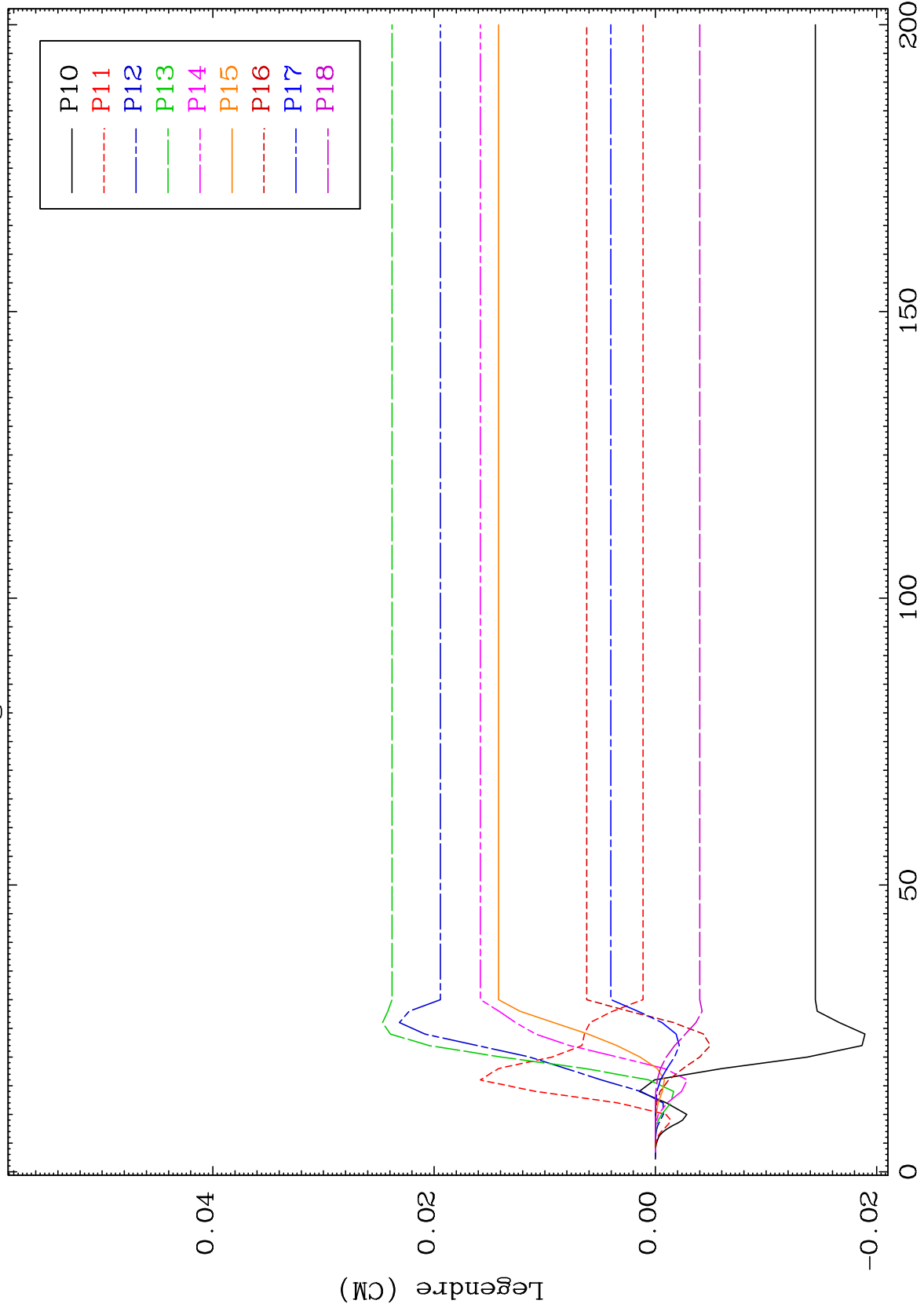
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

63-Eu-143



137

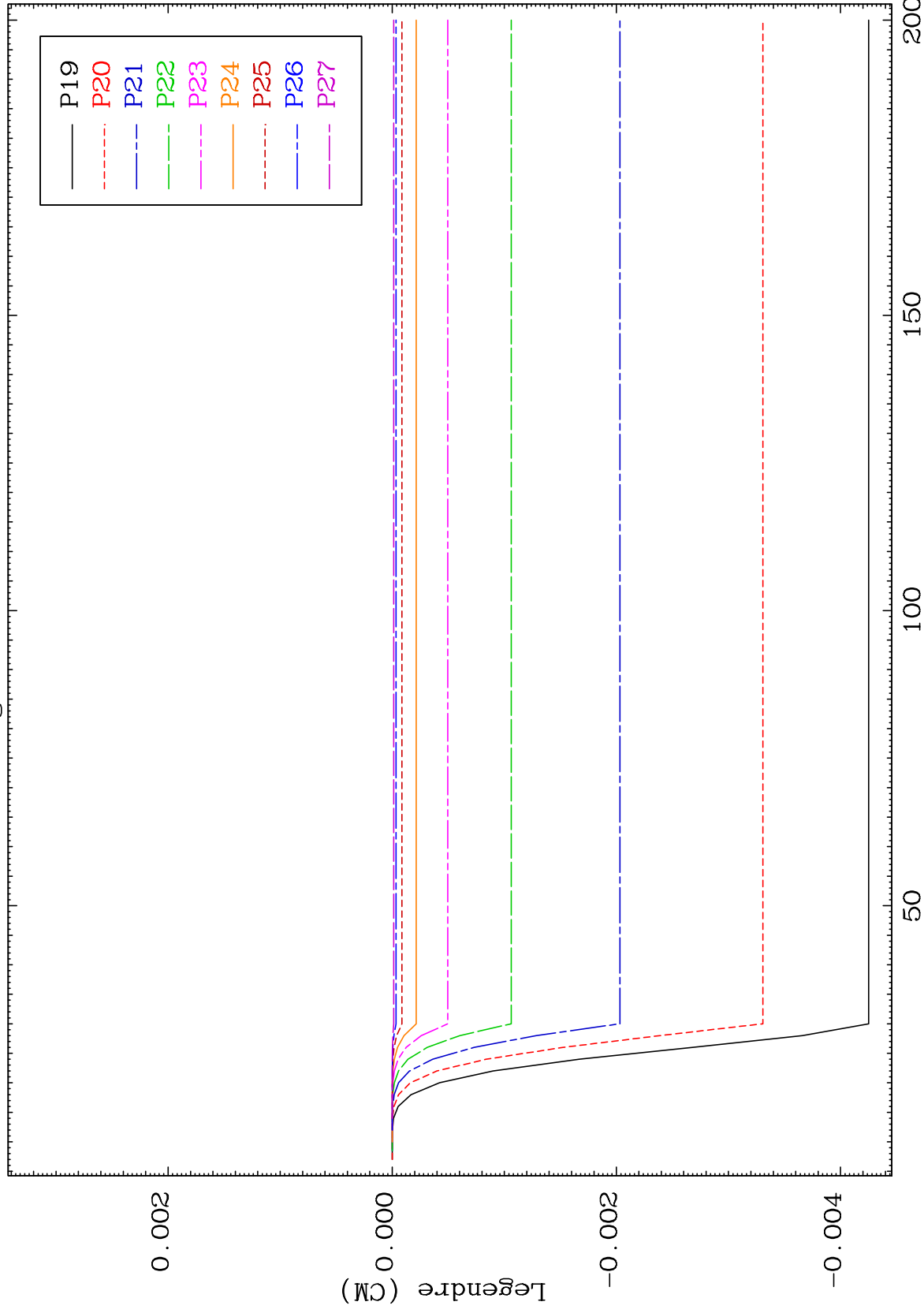
Incident Energy (MeV)

63-Eu-143

MAT 6301

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

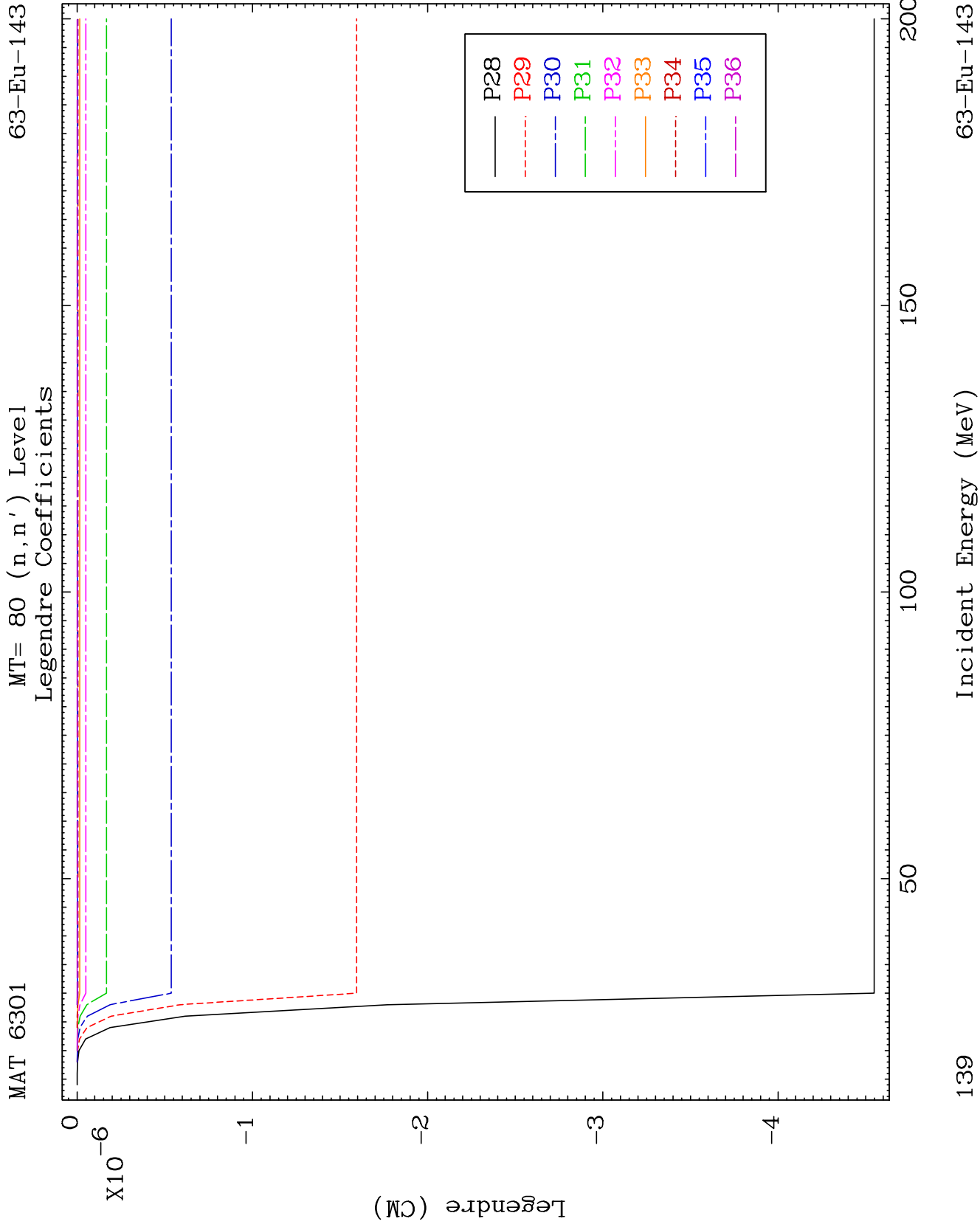
63-Eu-143

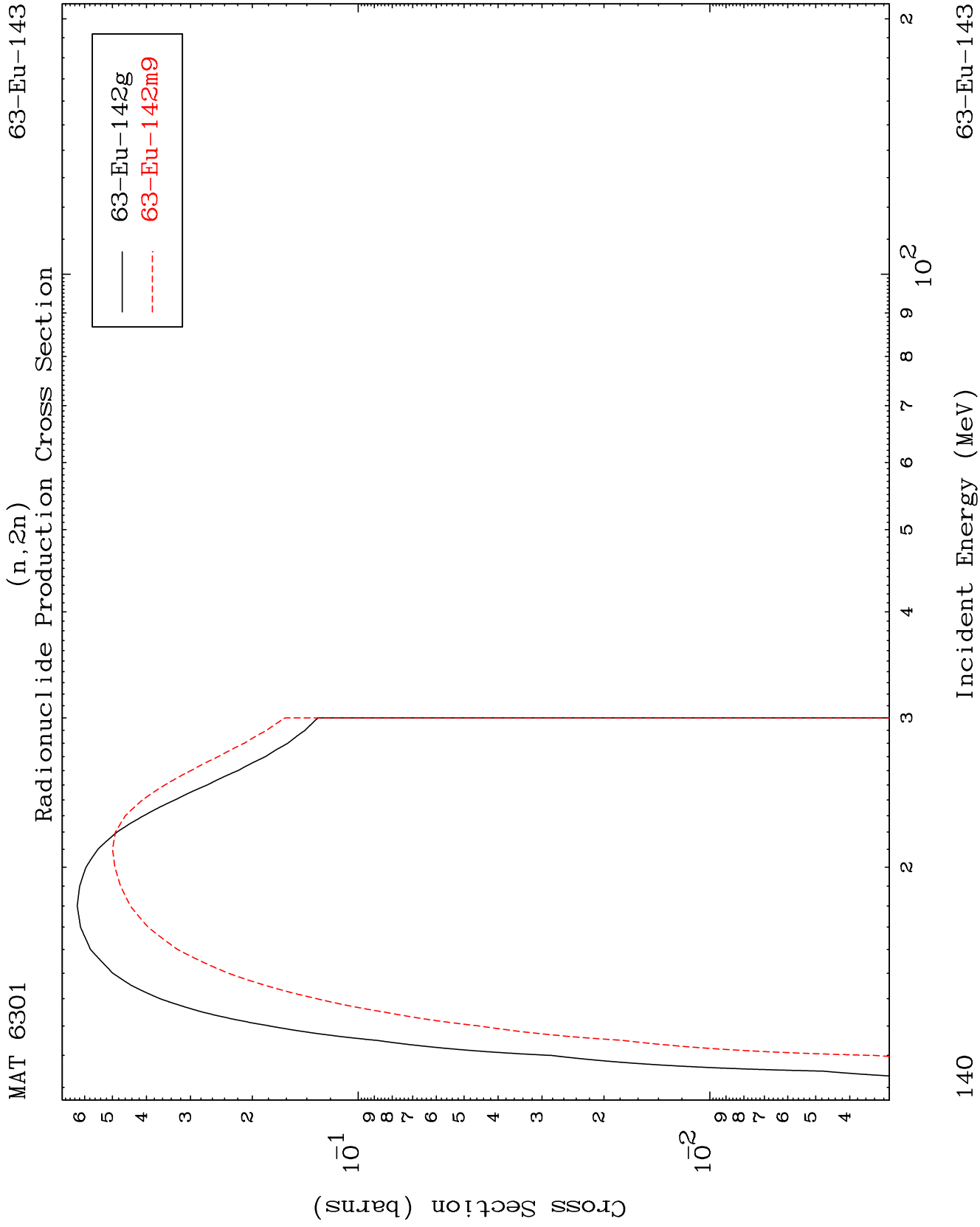


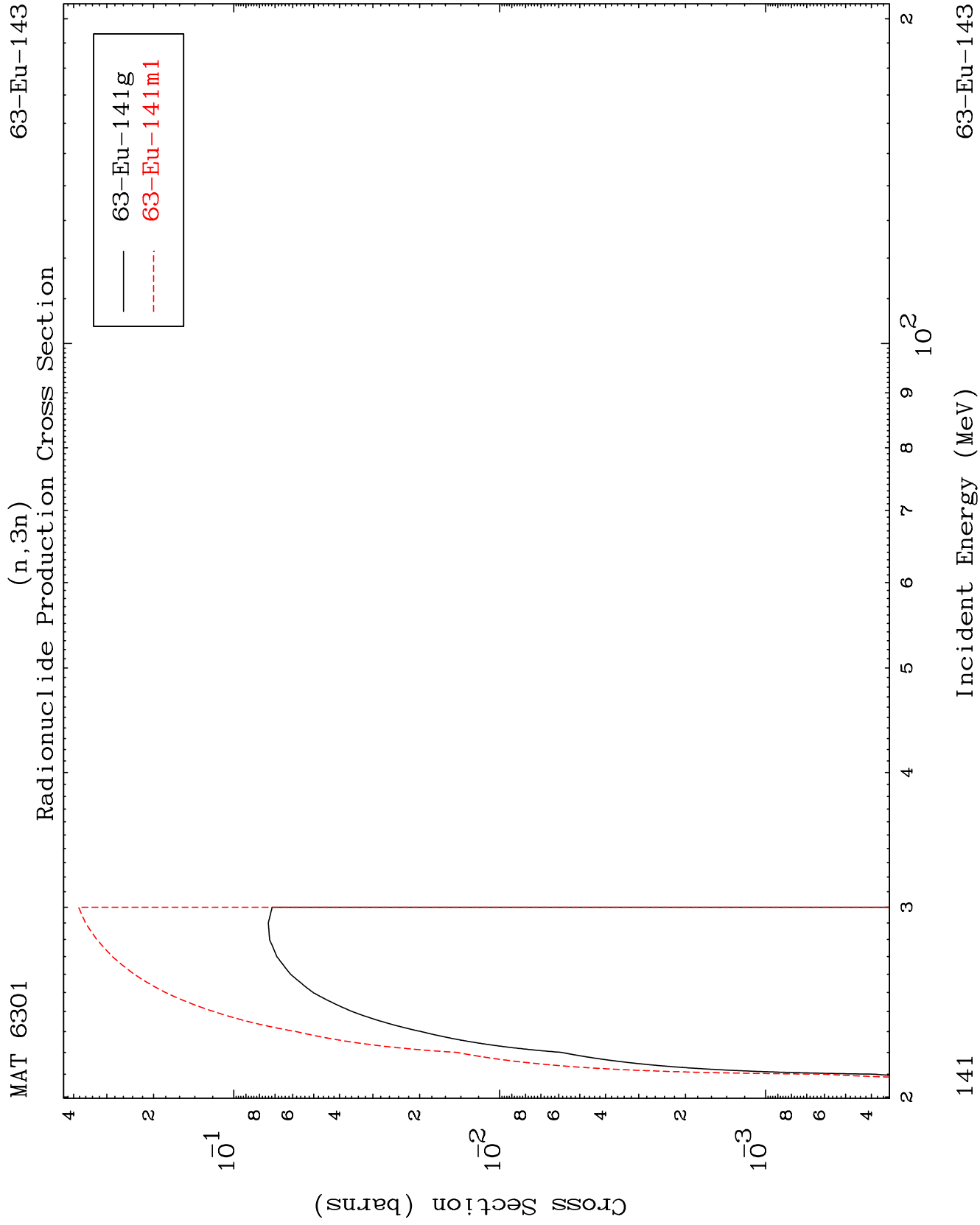
138

Incident Energy (MeV)

63-Eu-143





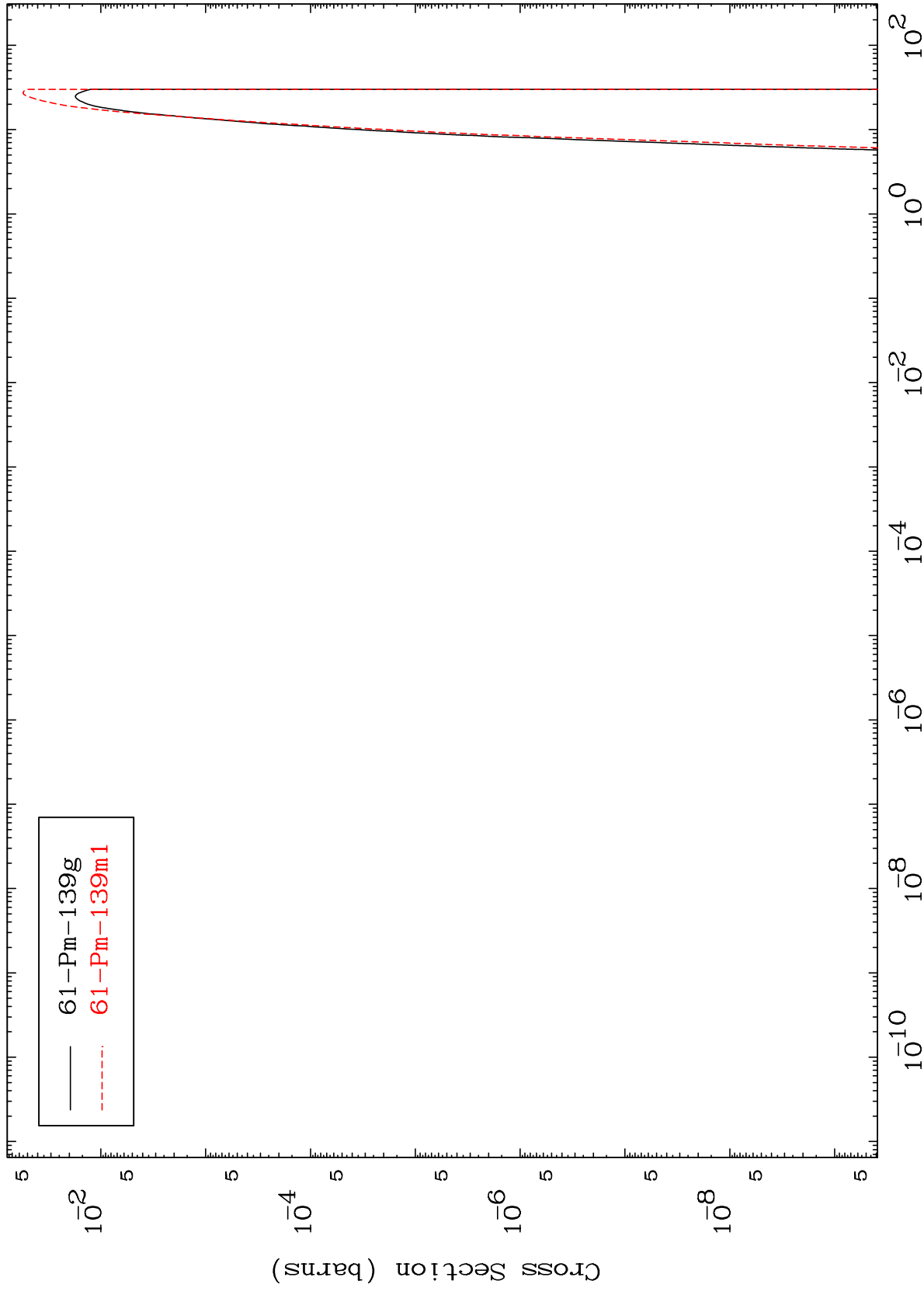


MAT 6301

$(n,n') \alpha$

63-Eu-143

Radionuclide Production Cross Section



142

Incident Energy (MeV)

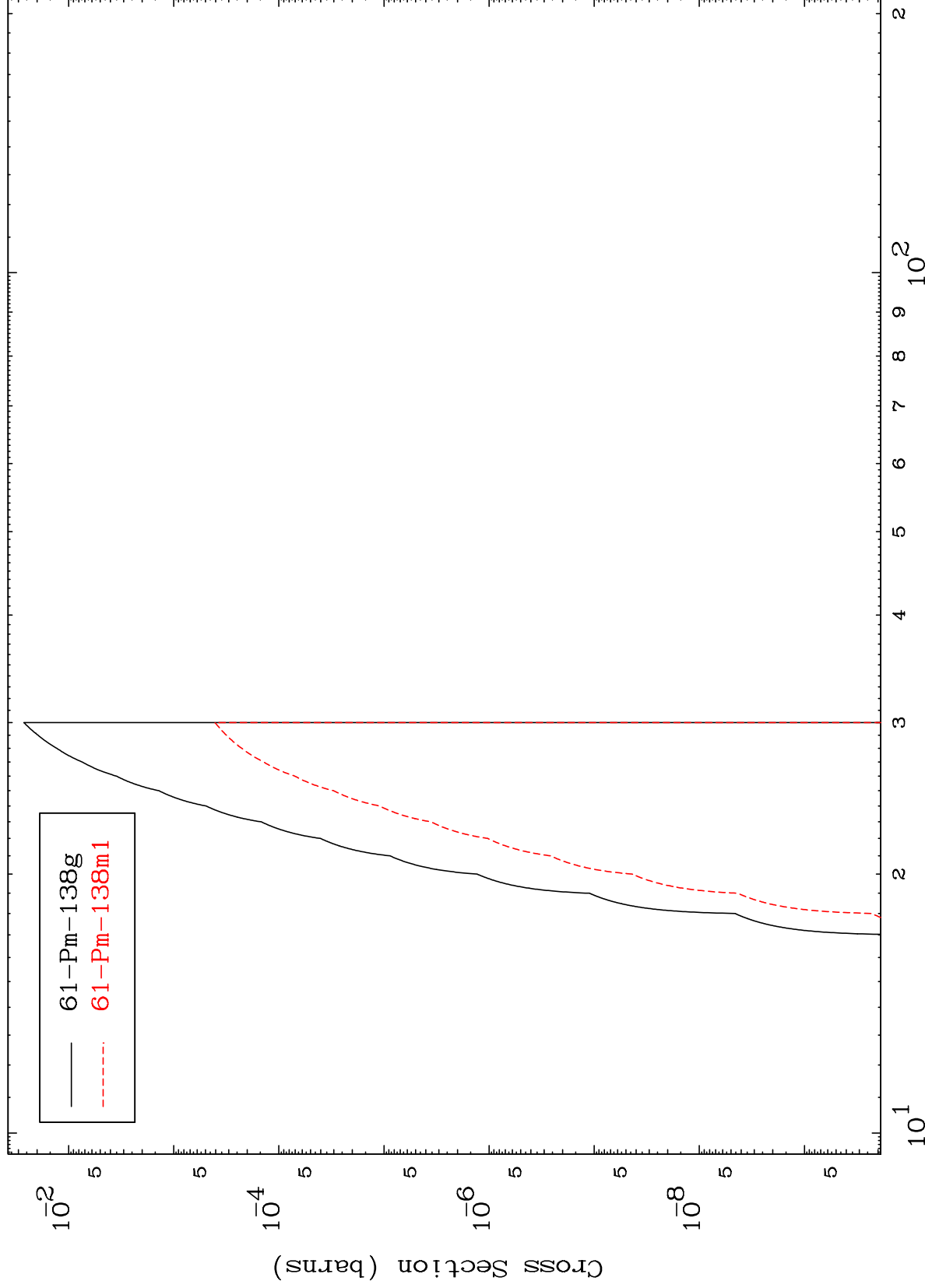
63-Eu-143

MAT 6301

(n,2n) α

63-Eu-143

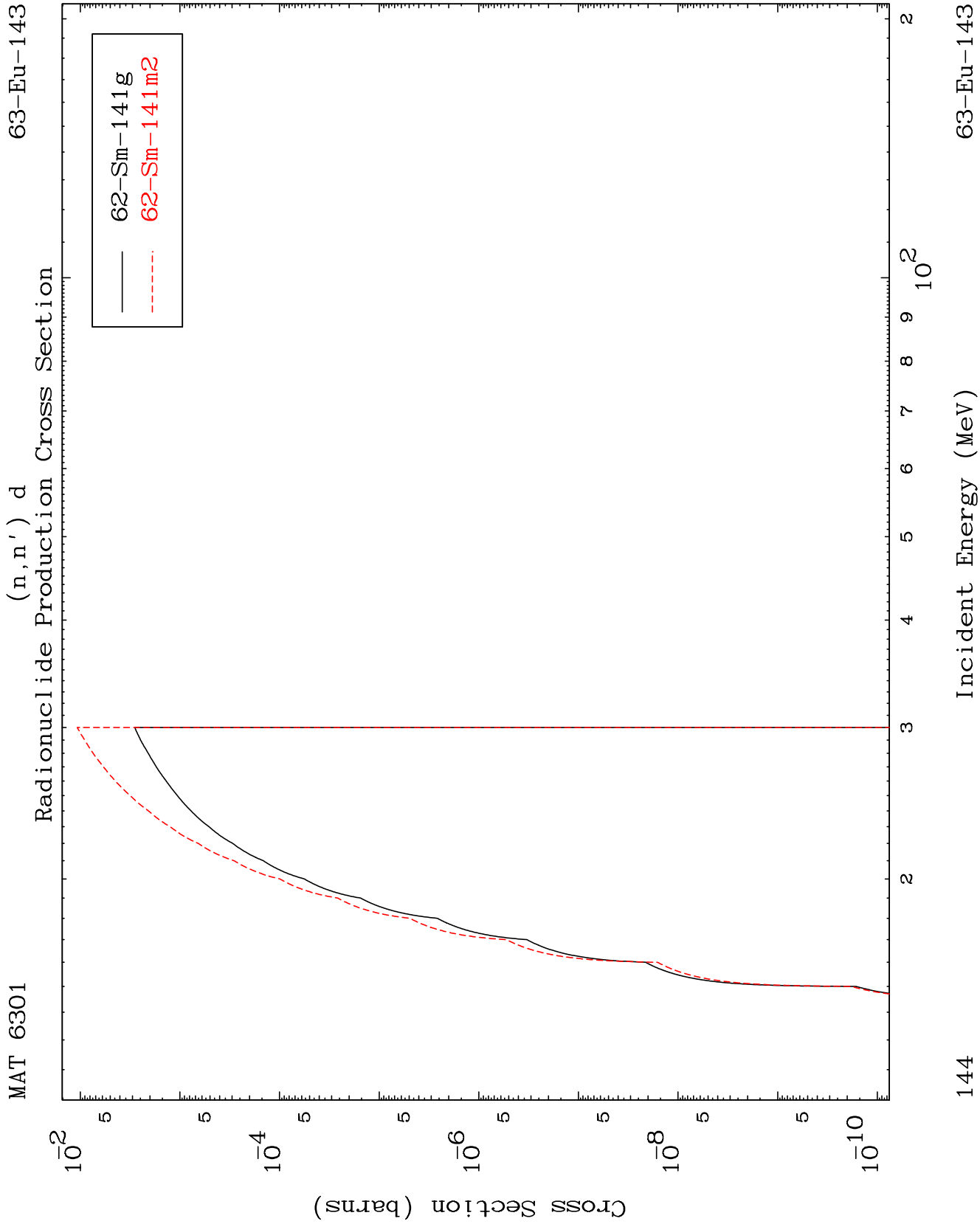
Radionuclide Production Cross Section



143

Incident Energy (MeV)

63-Eu-143

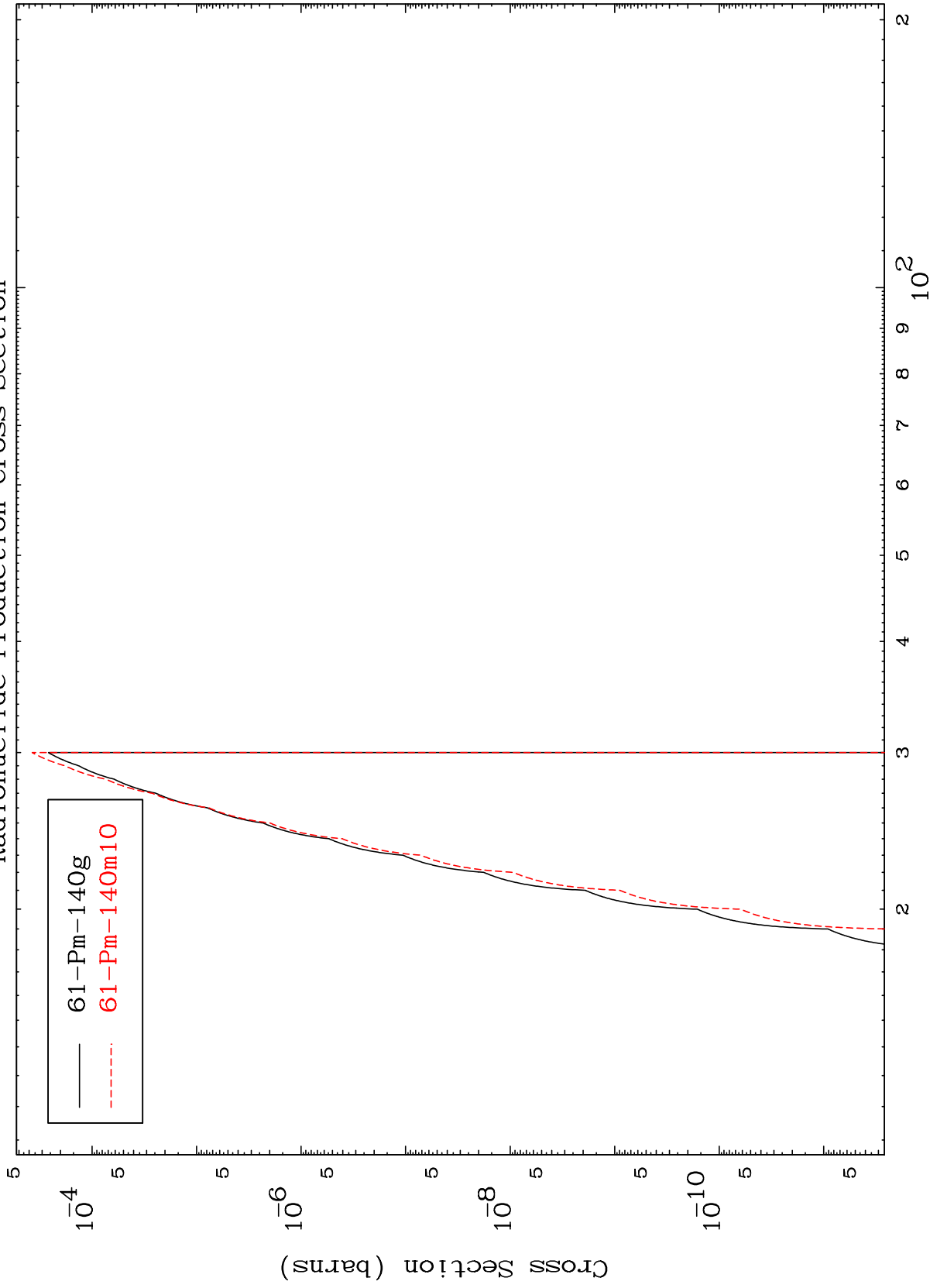


MAT 6301

(n,n') He-3

63-Eu-143

Radionuclide Production Cross Section



145

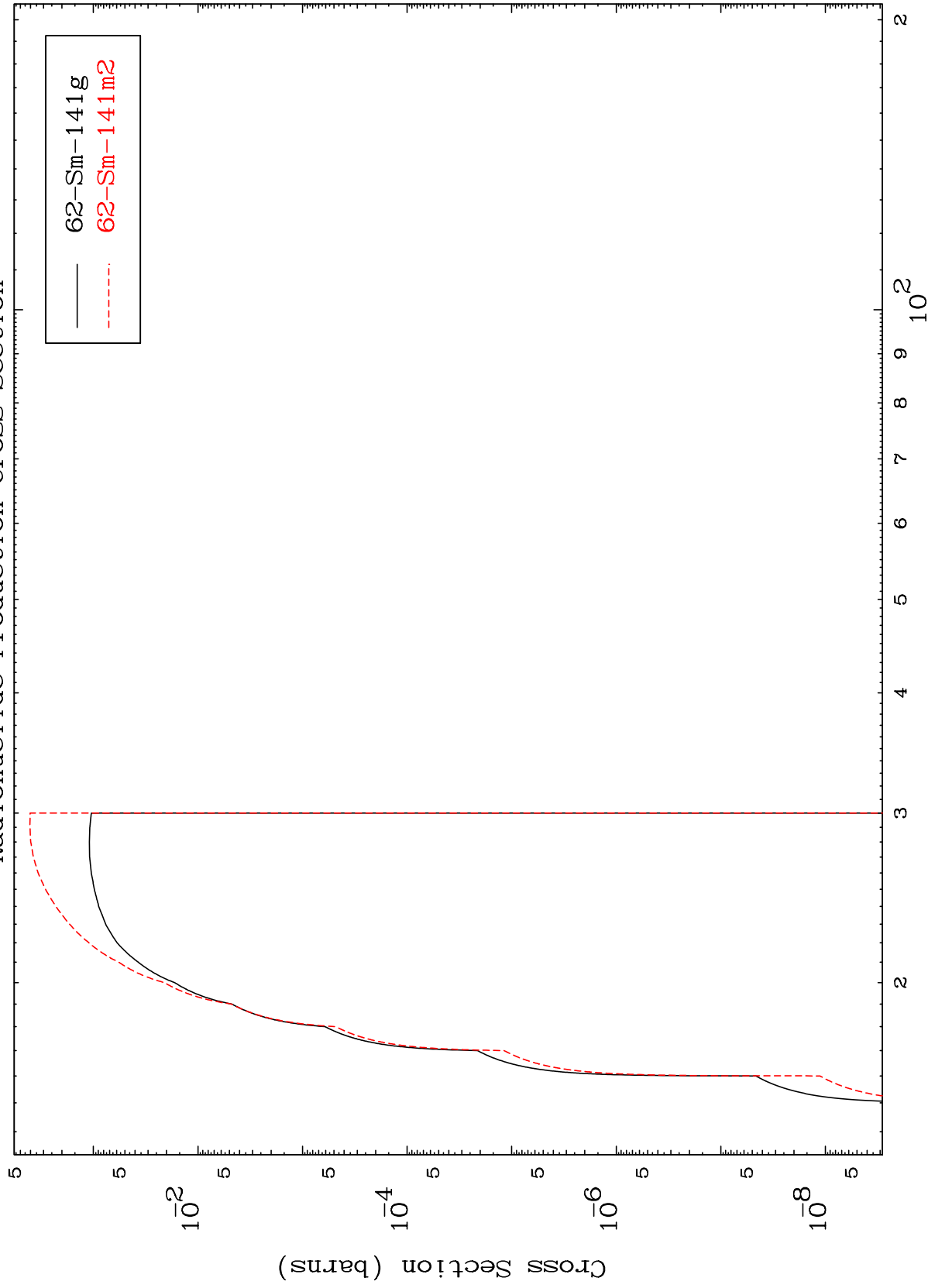
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

$(n,2n)$ p
Radionuclide Production Cross Section



146

Incident Energy (MeV)

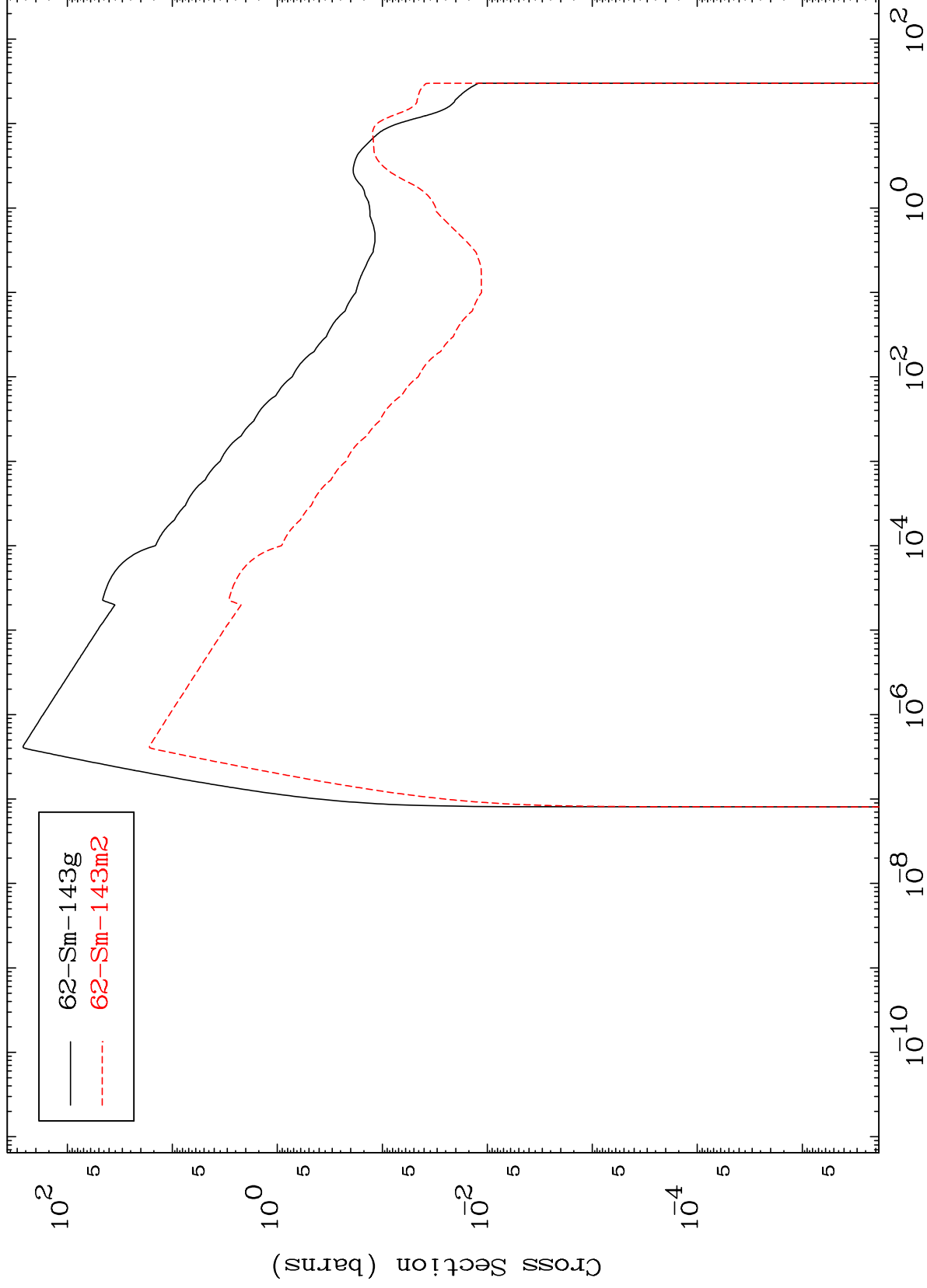
63-Eu-143

MAT 6301

(n,p)

63-Eu-143

Radionuclide Production Cross Section



147

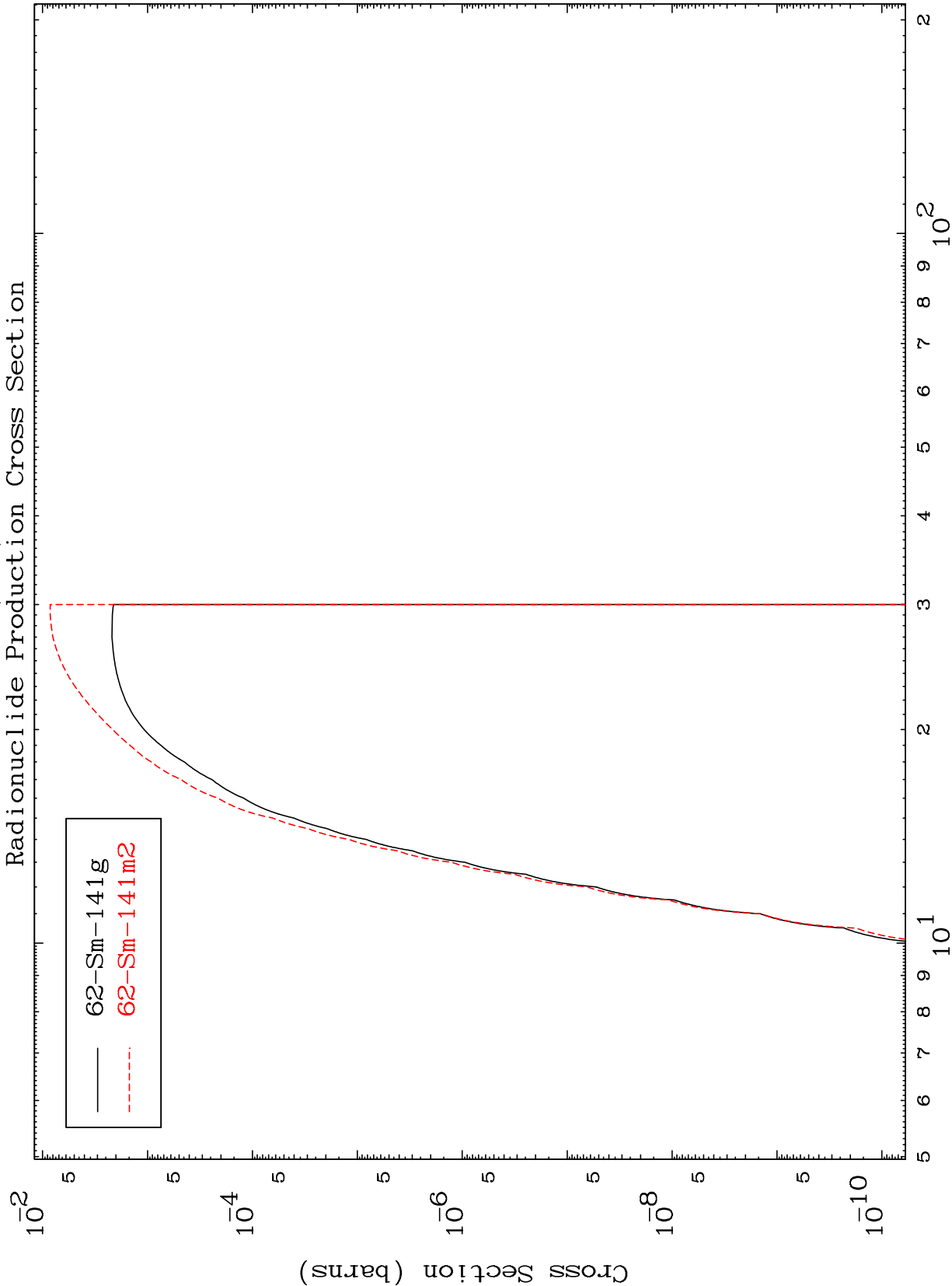
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

Radionuclide Production Cross Section
(n,t)



63-Eu-143

Incident Energy (MeV)

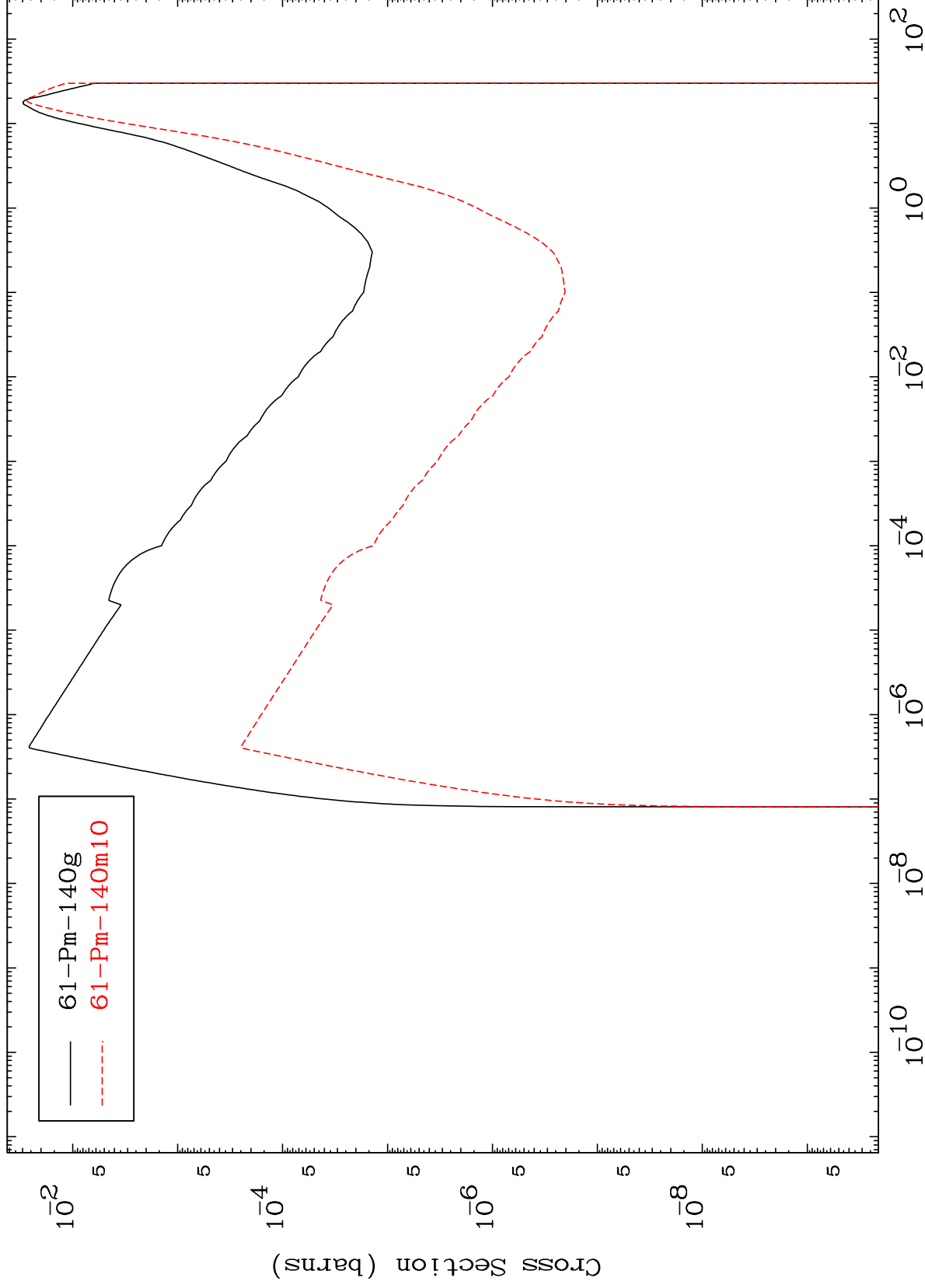
148

MAT 6301

(n, α)

63-Eu-143

Radionuclide Production Cross Section



149

Incident Energy (MeV)

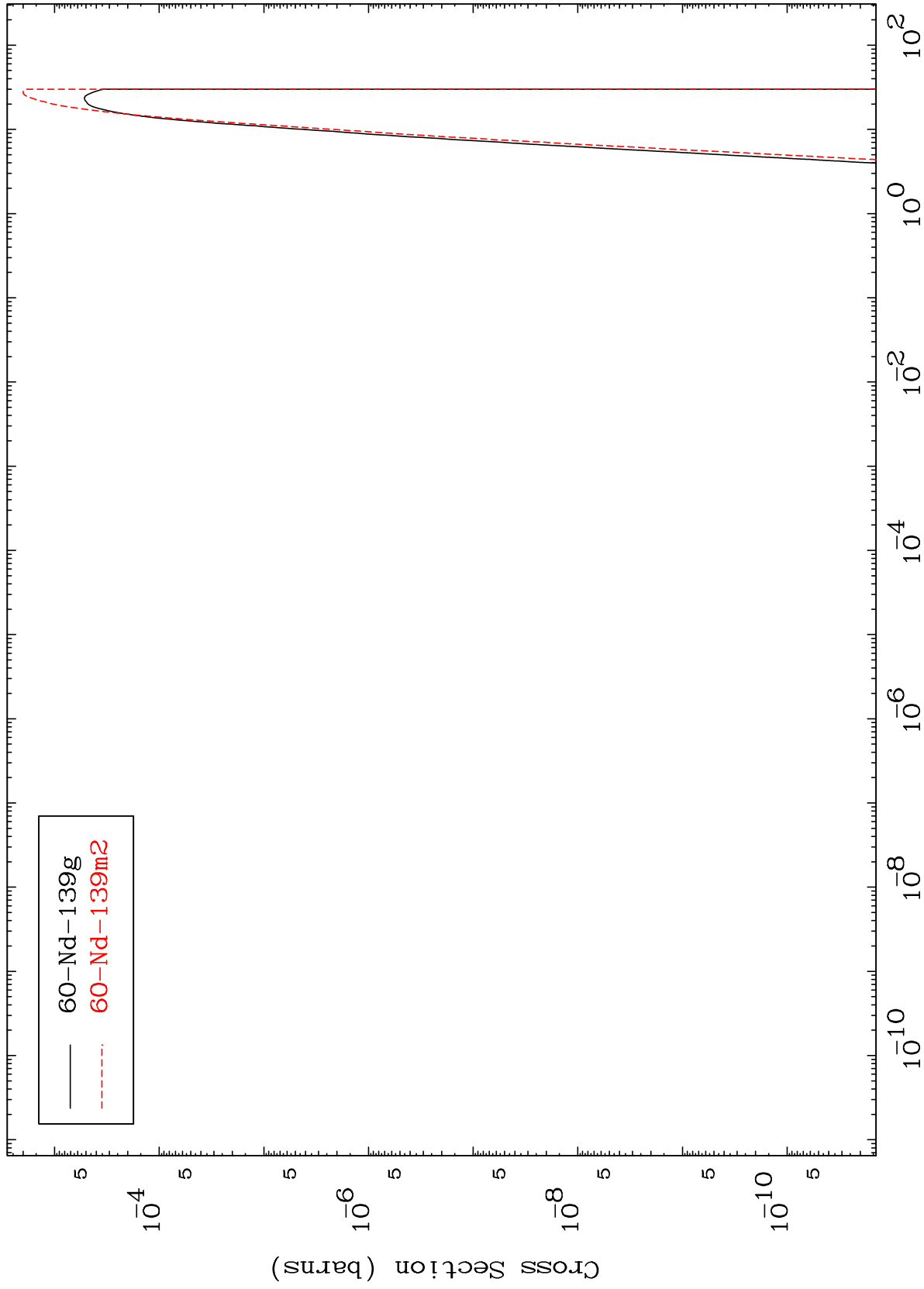
63-Eu-143

MAT 6301

(n,p) α

63-Eu-143

Radionuclide Production Cross Section



150

Incident Energy (MeV)

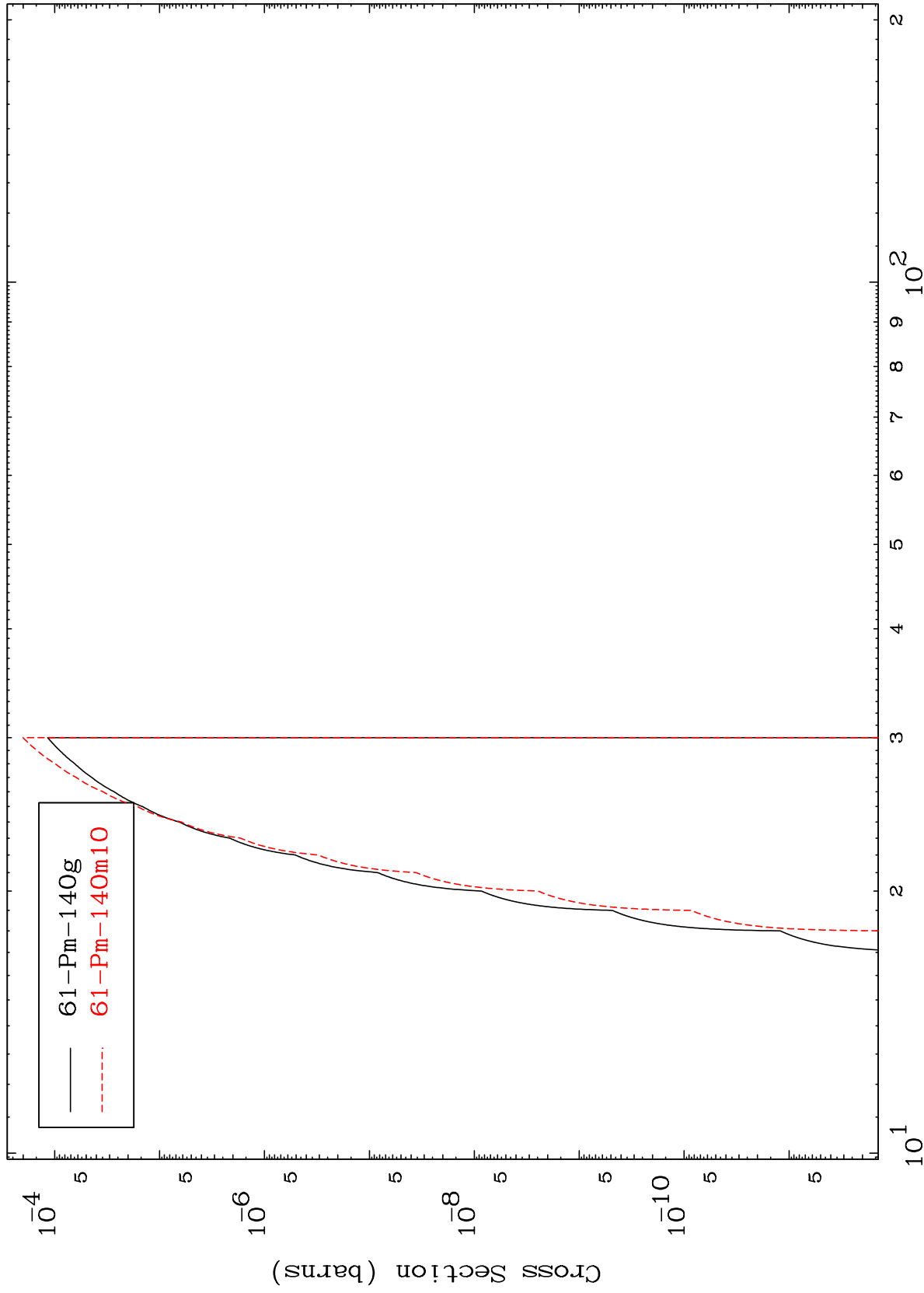
63-Eu-143

MAT 6301

(n,p) t

63-Eu-143

Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-143