

Program EVALPLOT
(Version 2018-1)

by

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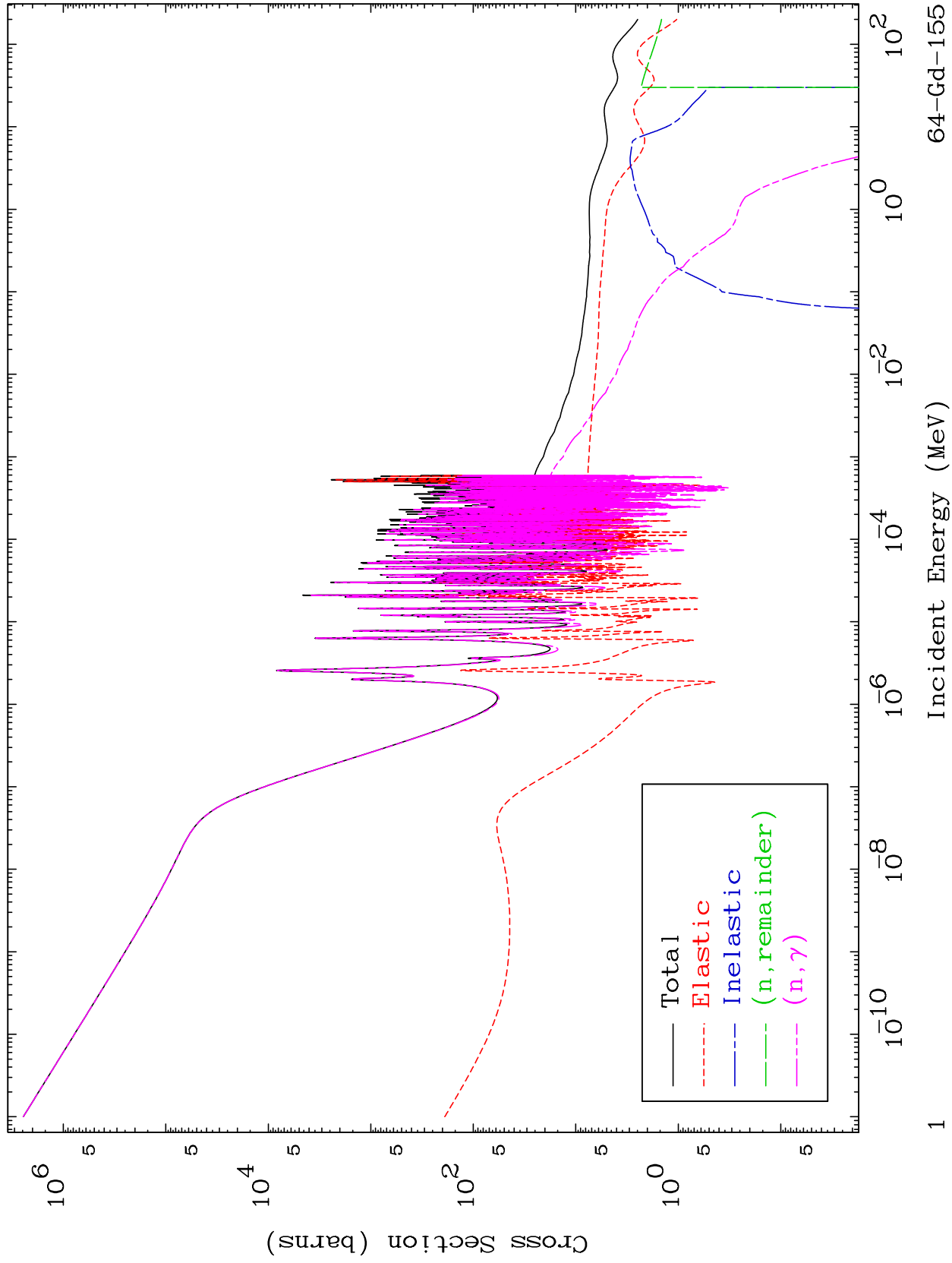
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6434

Major
293 Kelvin Cross Sections

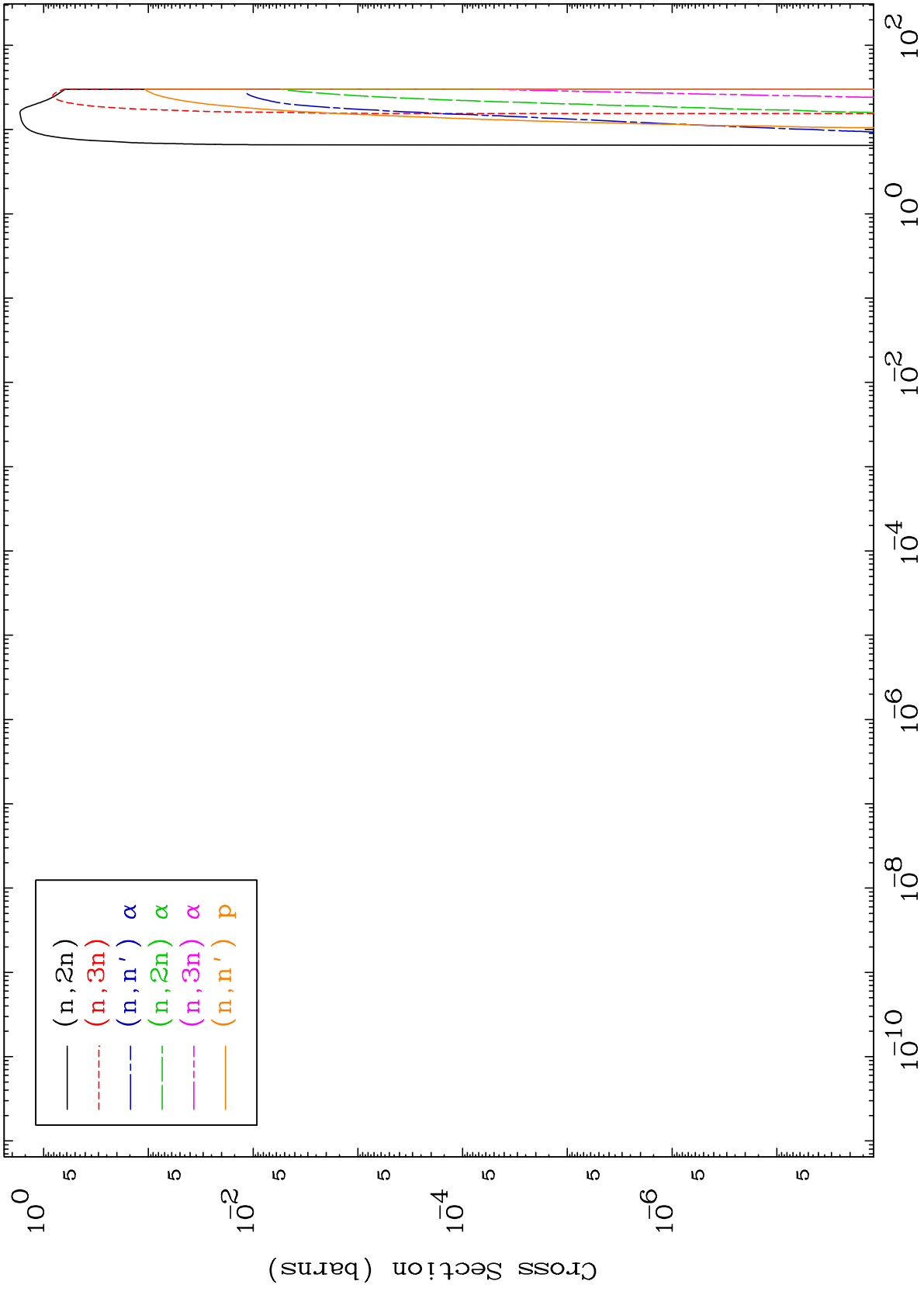
64-Gd-155



MAT 6434

Neutron Production
293 Kelvin Cross Sections

64-Gd-155

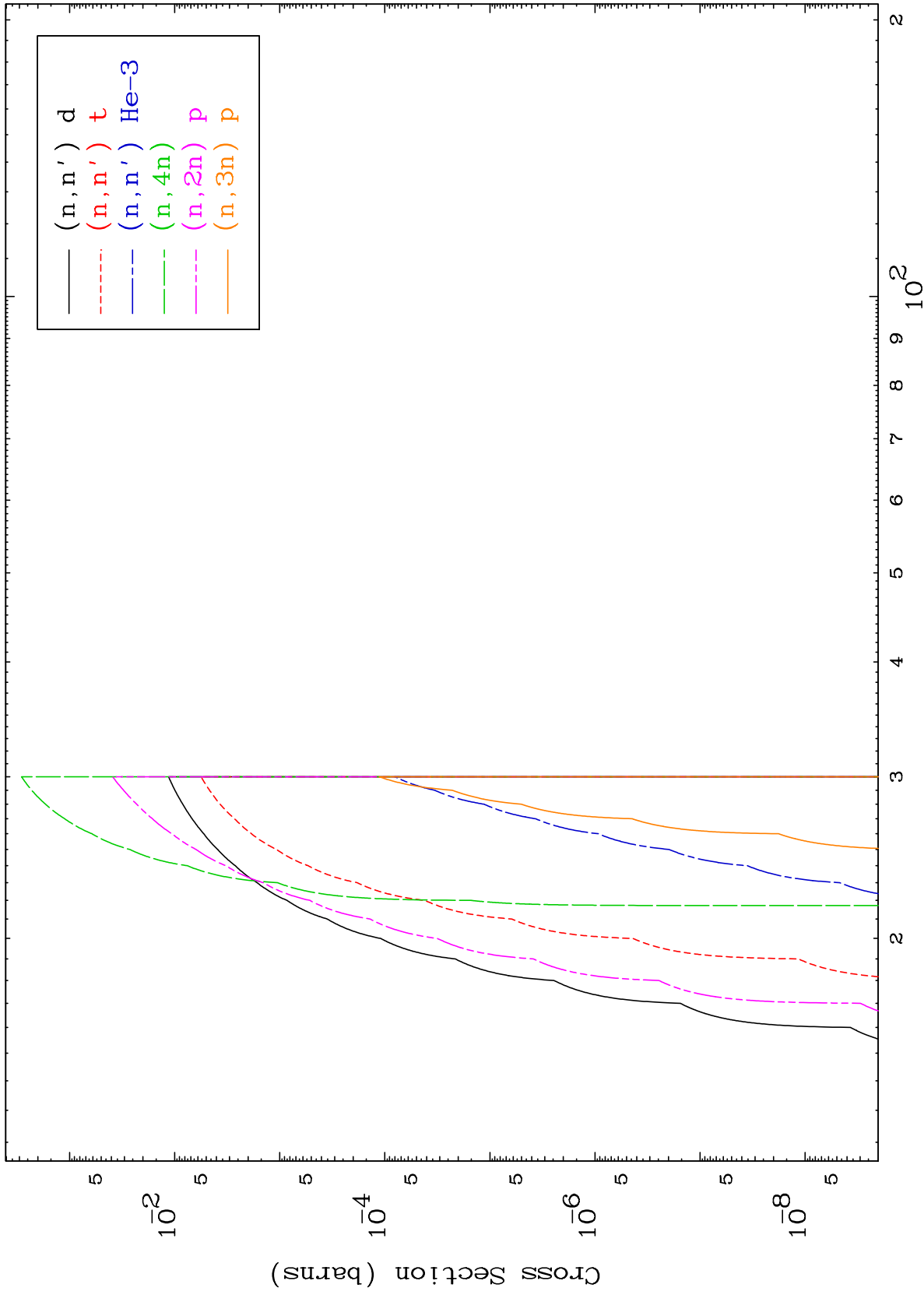


64-Gd-155

MAT 6434

Neutron Production
293 Kelvin Cross Sections

64-Gd-155



3

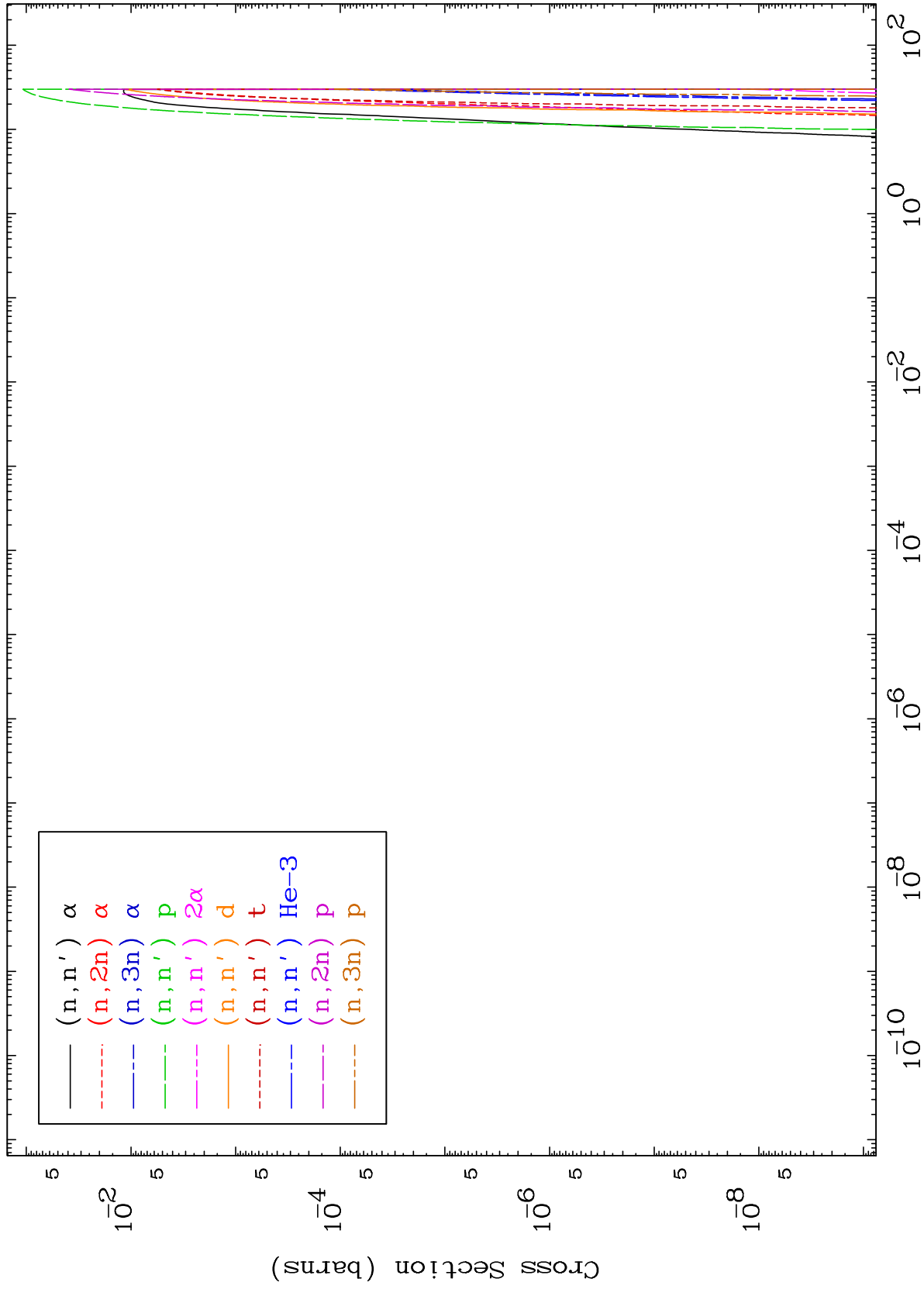
Incident Energy (MeV)

64-Gd-155

MAT 6434

Charged Particle
293 Kelvin Cross Sections

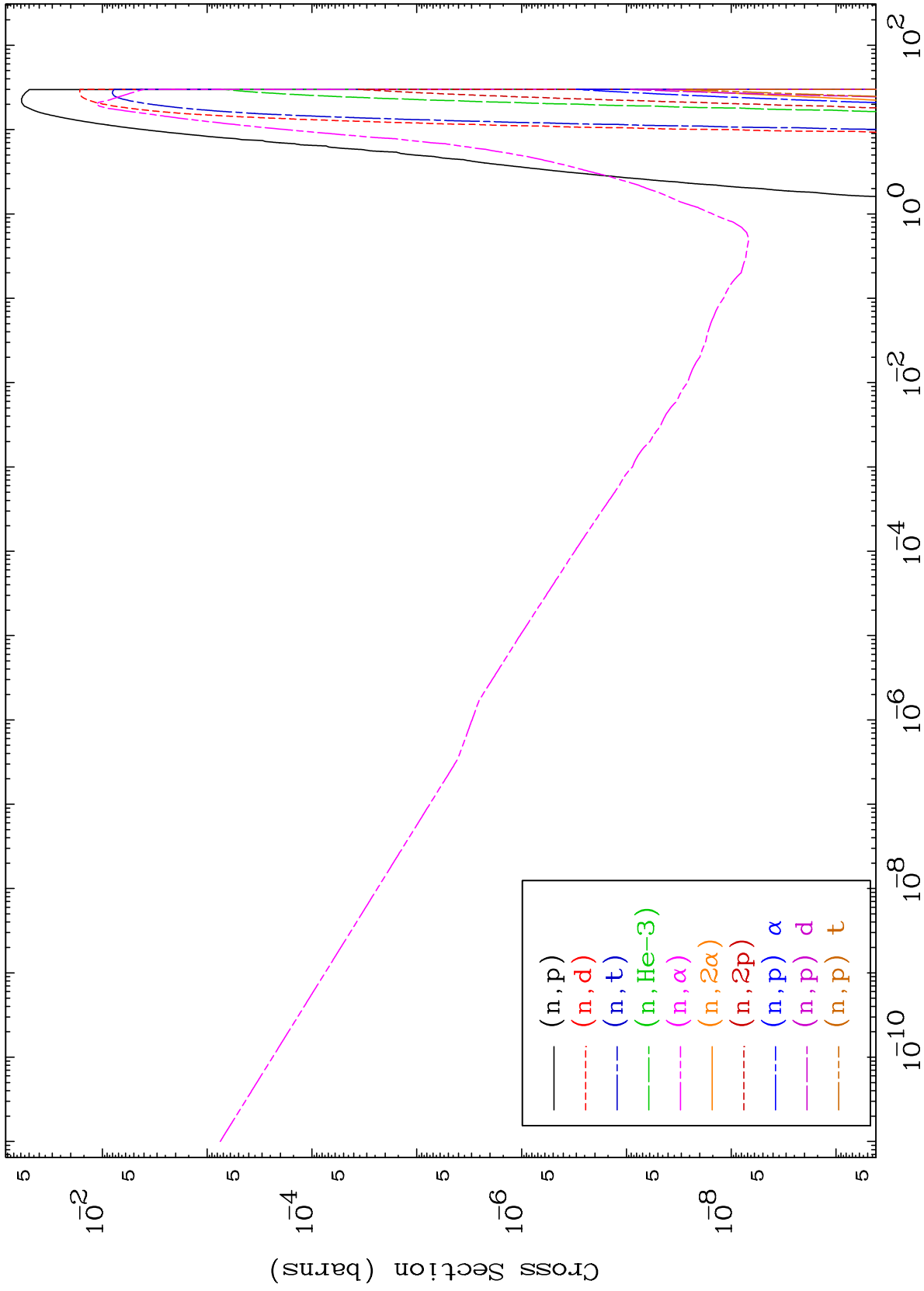
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MAT 6434

293 Charged Particle
Kelvin Cross Sections

64-Gd-155



5

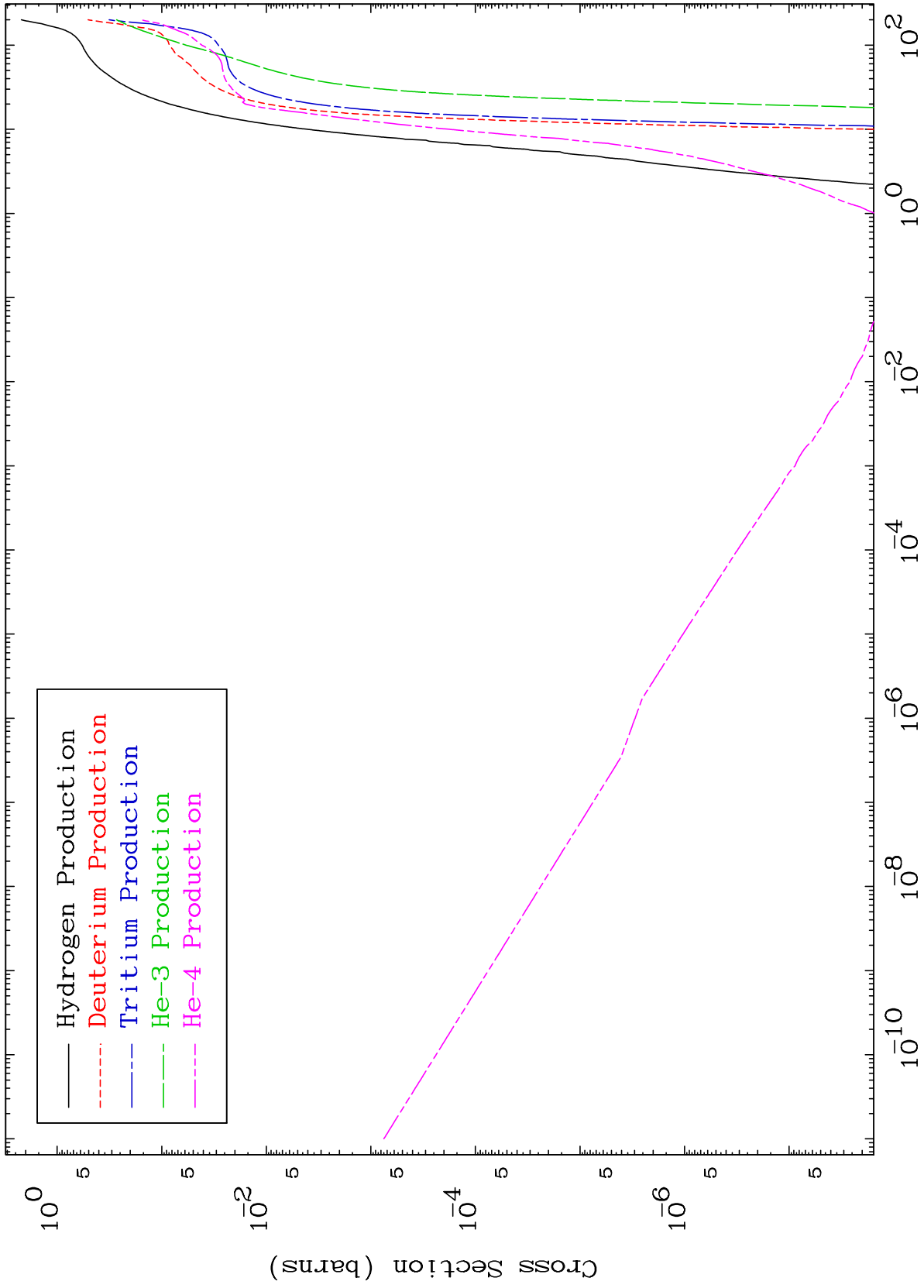
Incident Energy (MeV)

64-Gd-155

MAT 6434

Particle Production
293 Kelvin Cross Sections

64-Gd-155



6

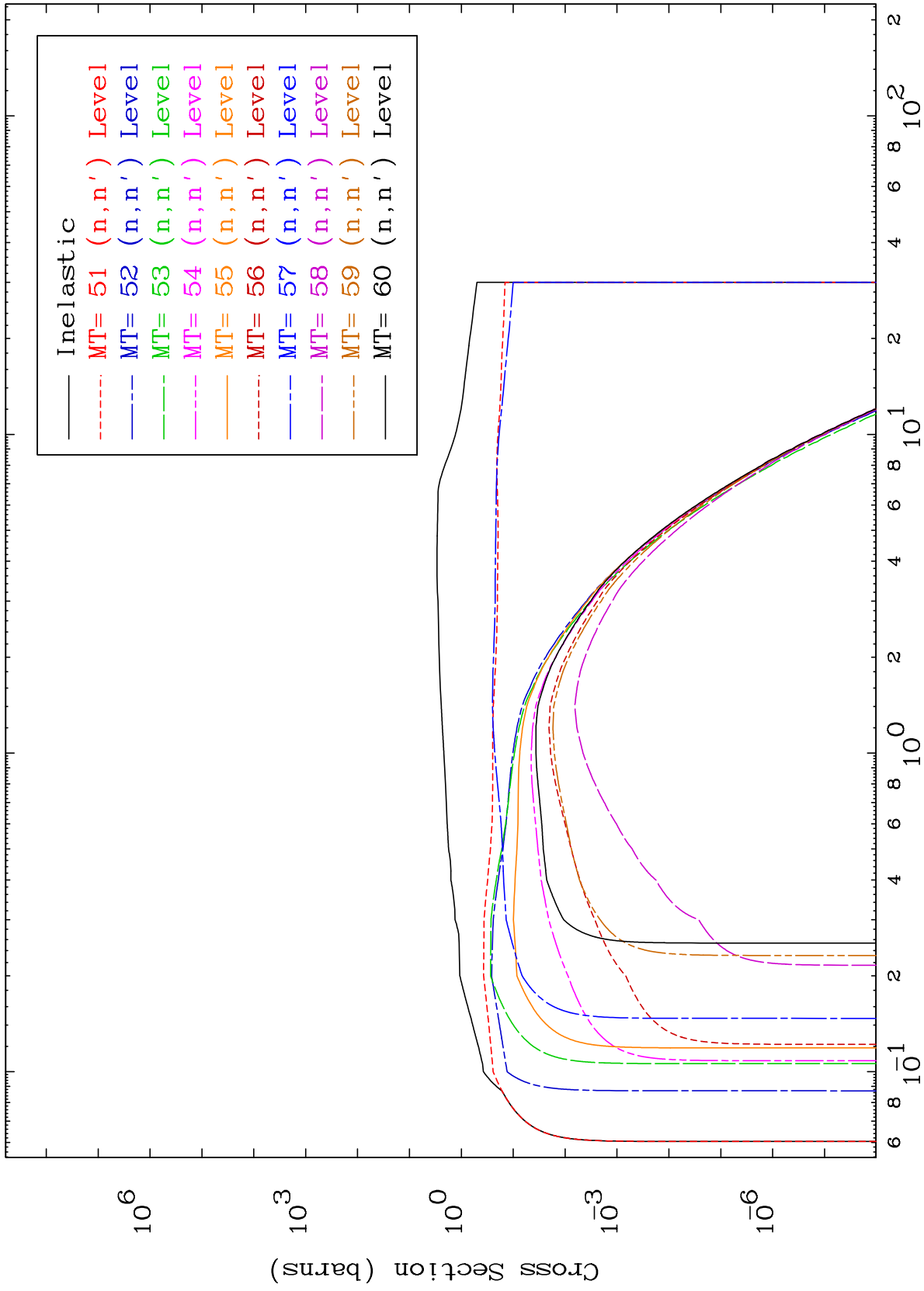
64-Gd-155

MAT 6434

(n,n') Level

64-Gd-155

293 Kelvin Cross Sections



7

Incident Energy (MeV)

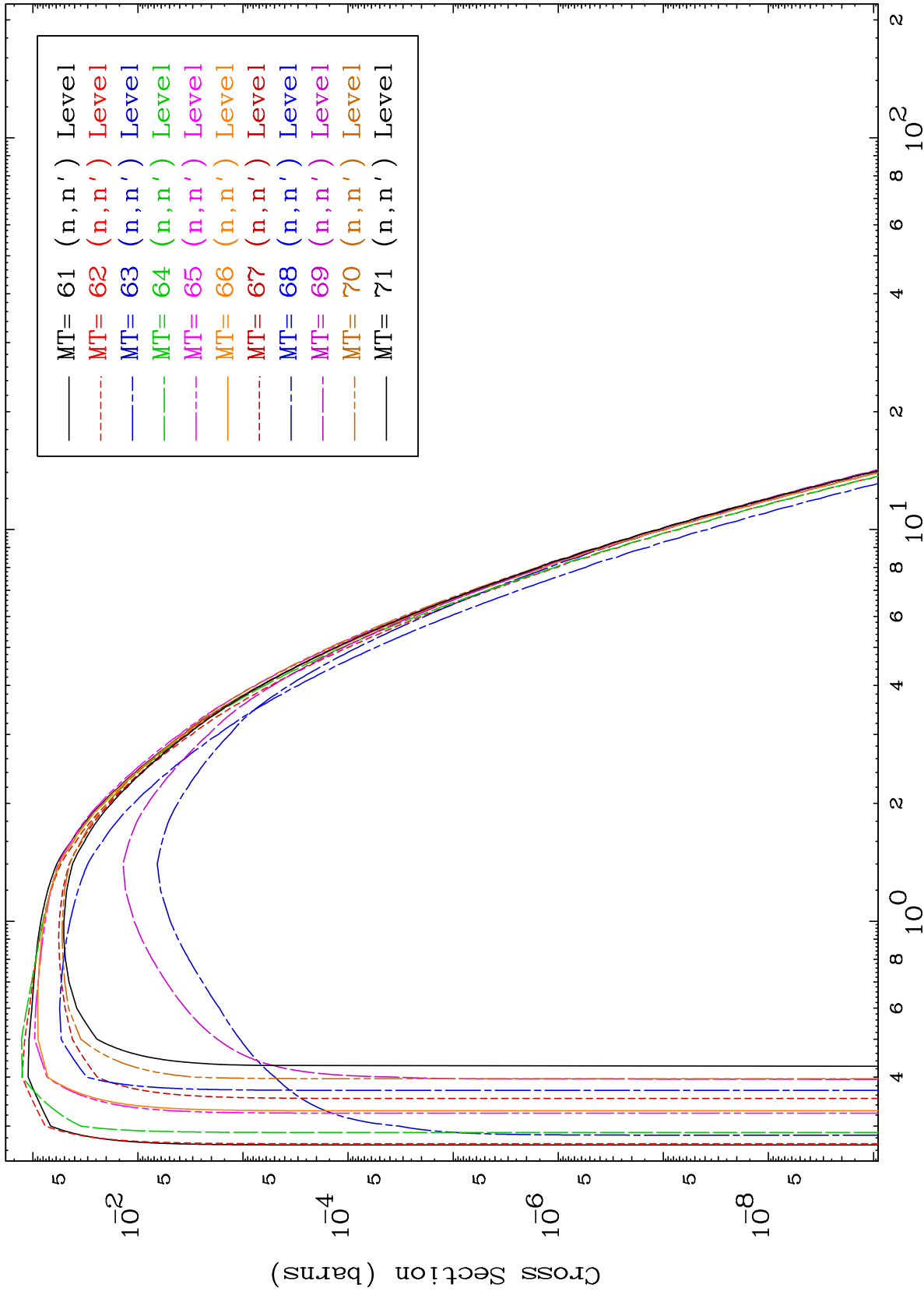
64-Gd-155

MAT 6434

(n,n') Level

64-Gd-155

293 Kelvin Cross Sections



8

Incident Energy (MeV)

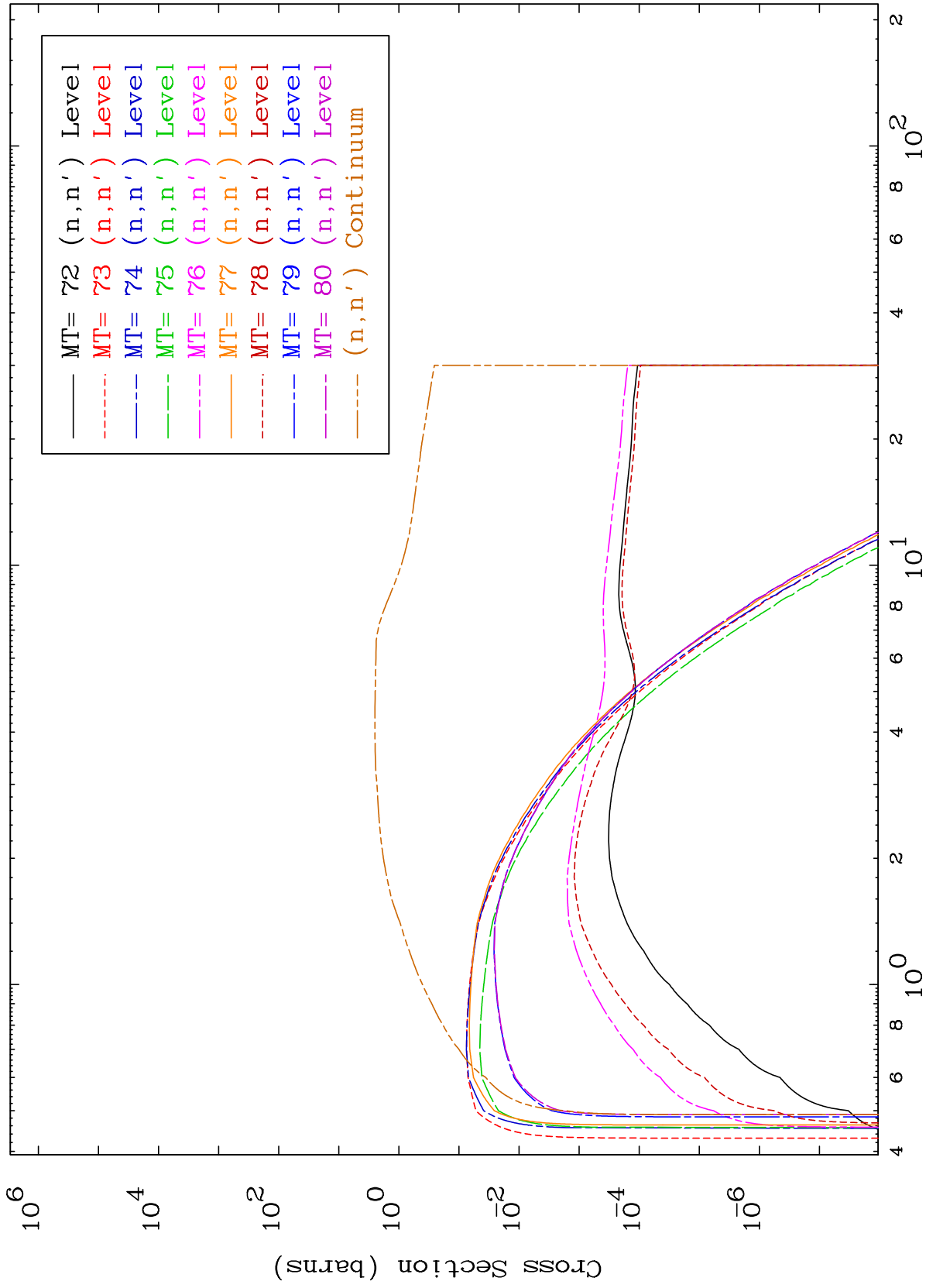
64-Gd-155

MAT 6434

(n,n') Level

64-Gd-155

293 Kelvin Cross Sections



9

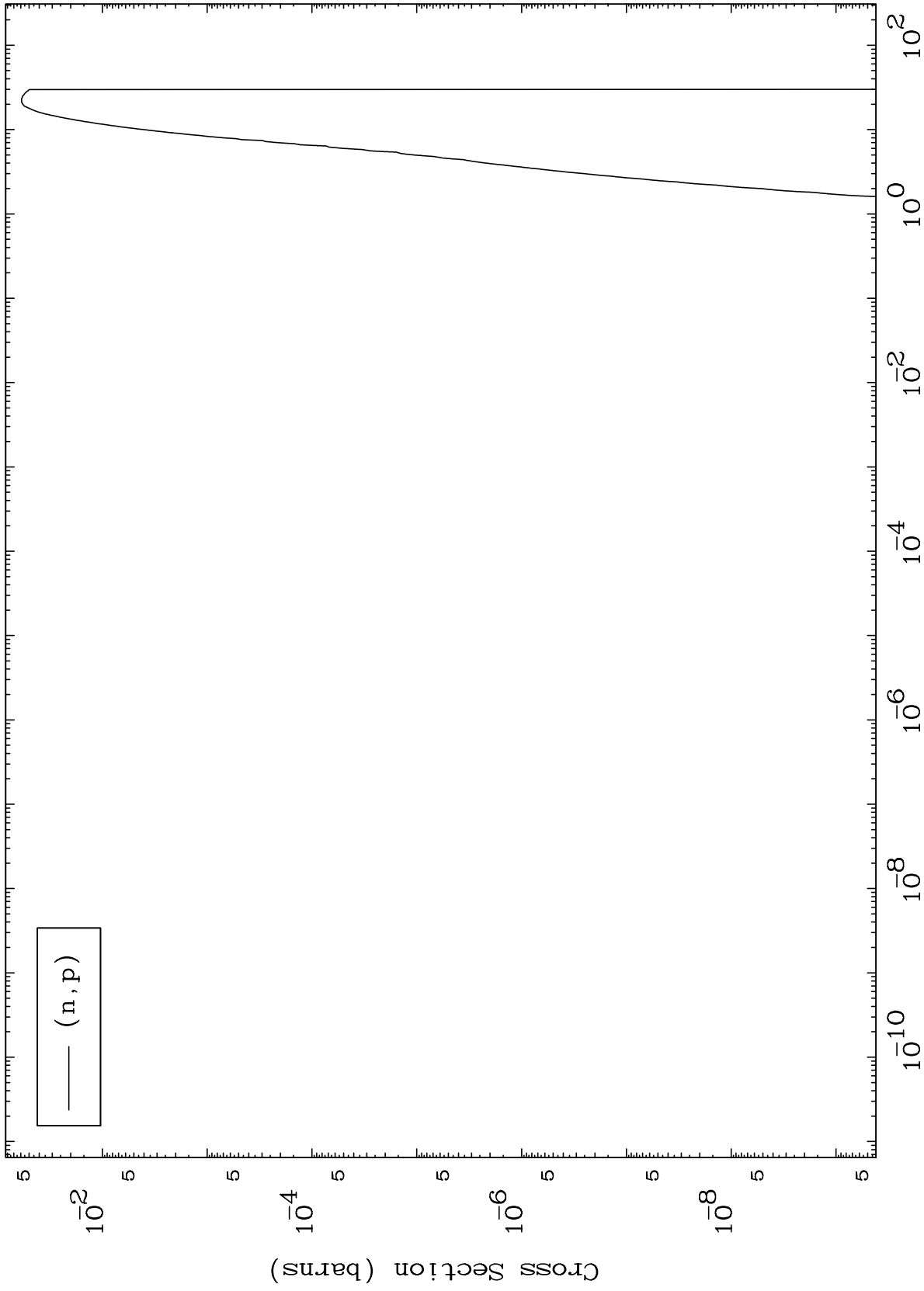
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-155



10

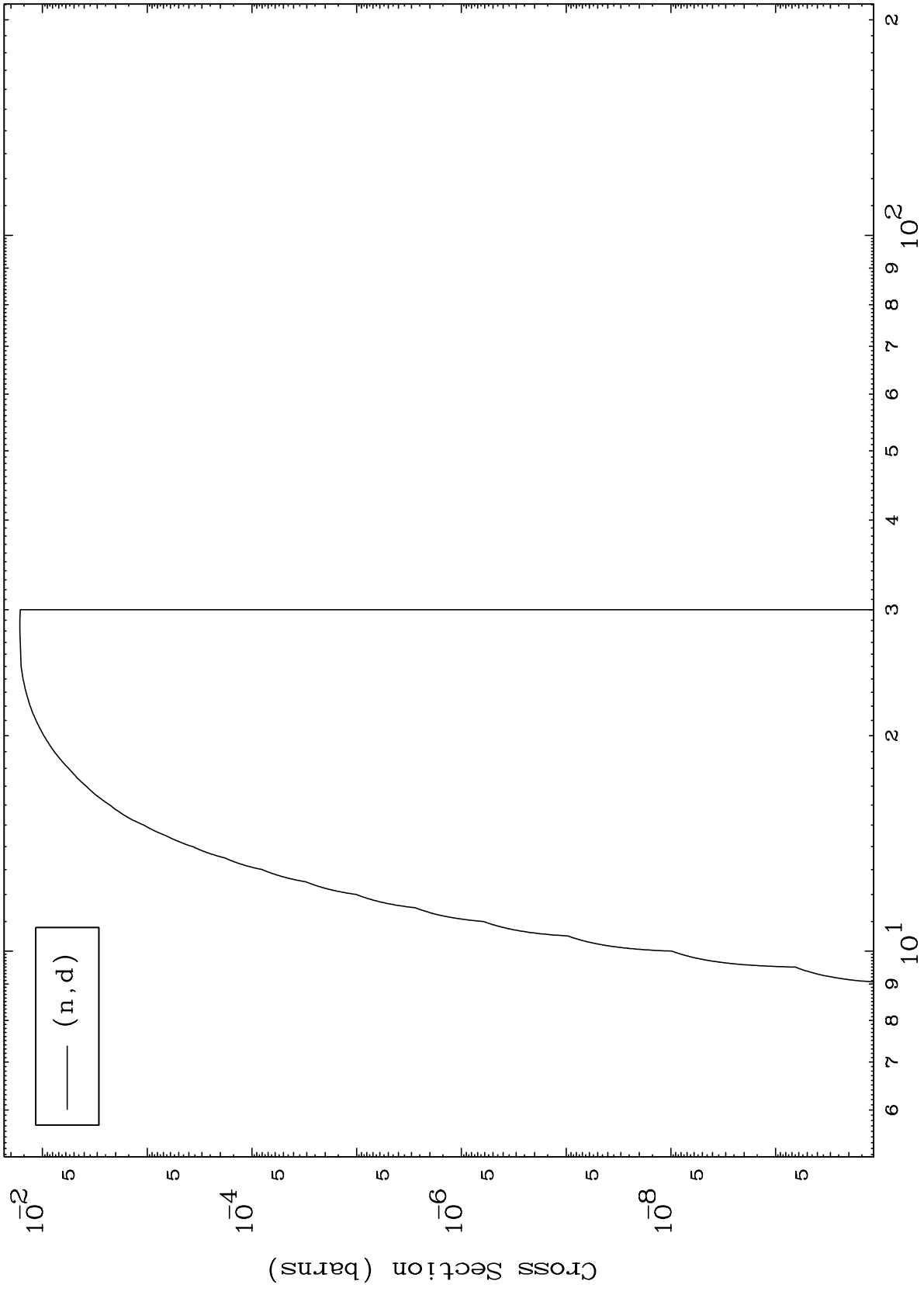
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64-Gd-155

MAT 6434

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-155



11

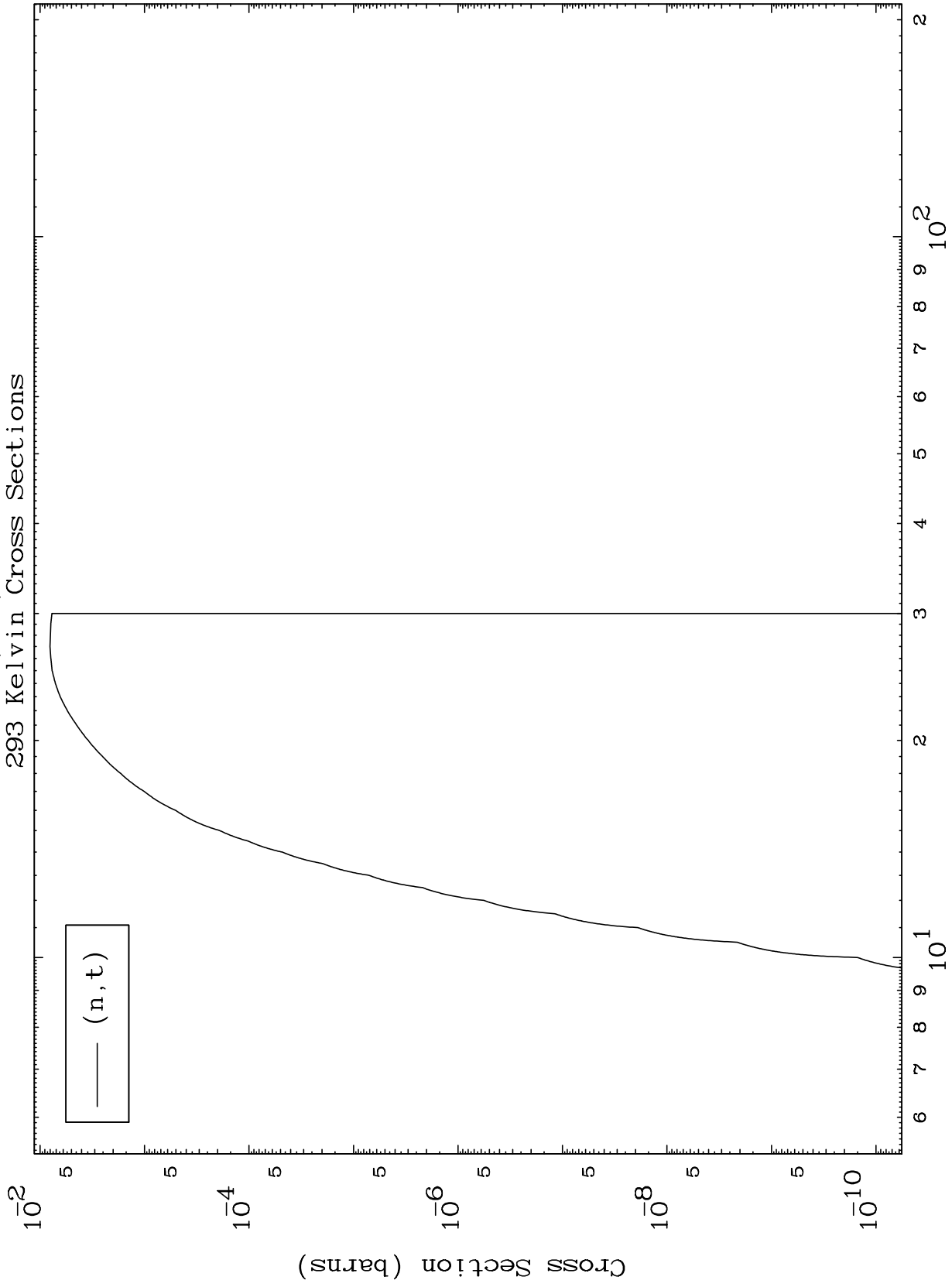
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-155



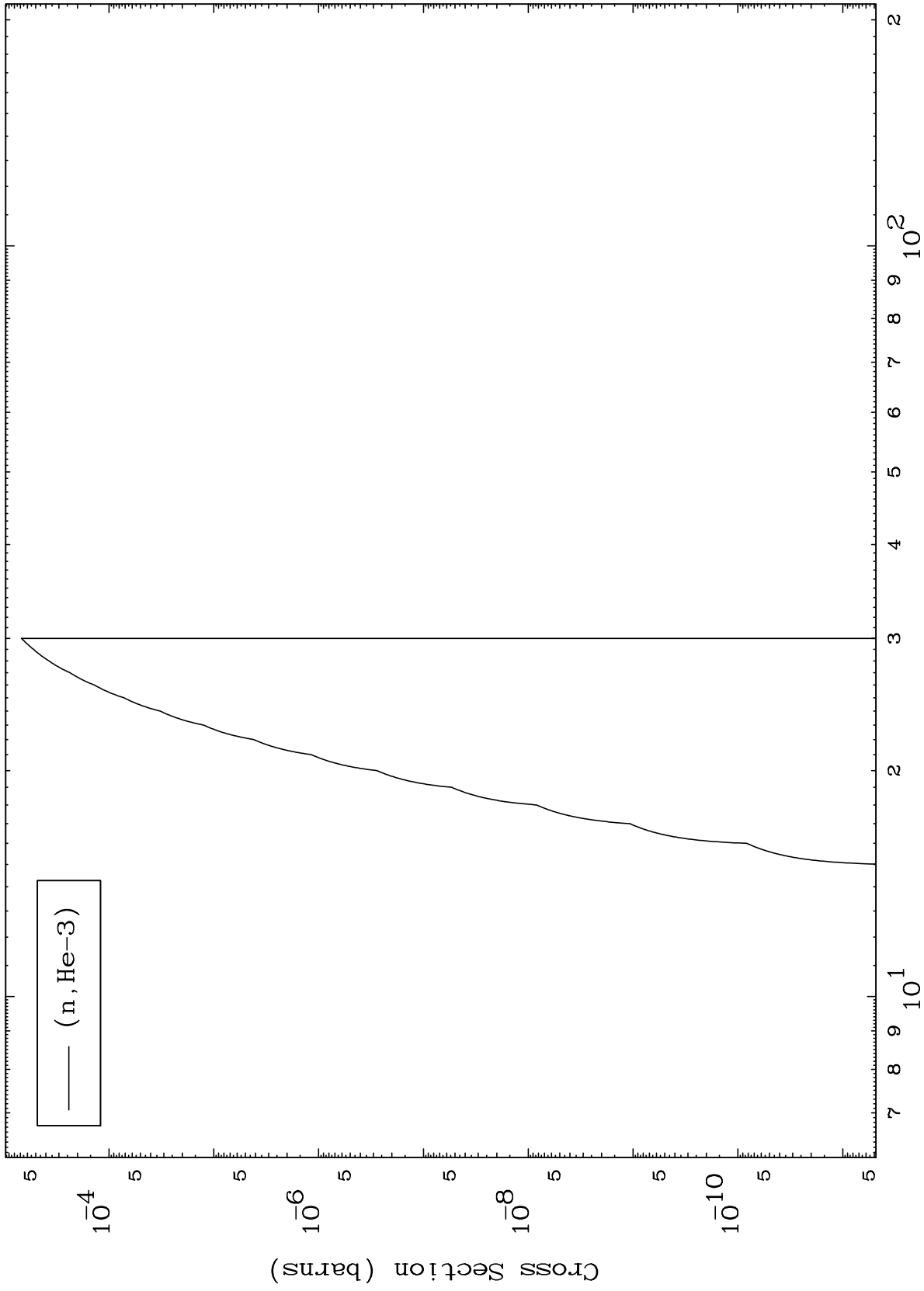
12

64-Gd-155

MAT 6434

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-155



13

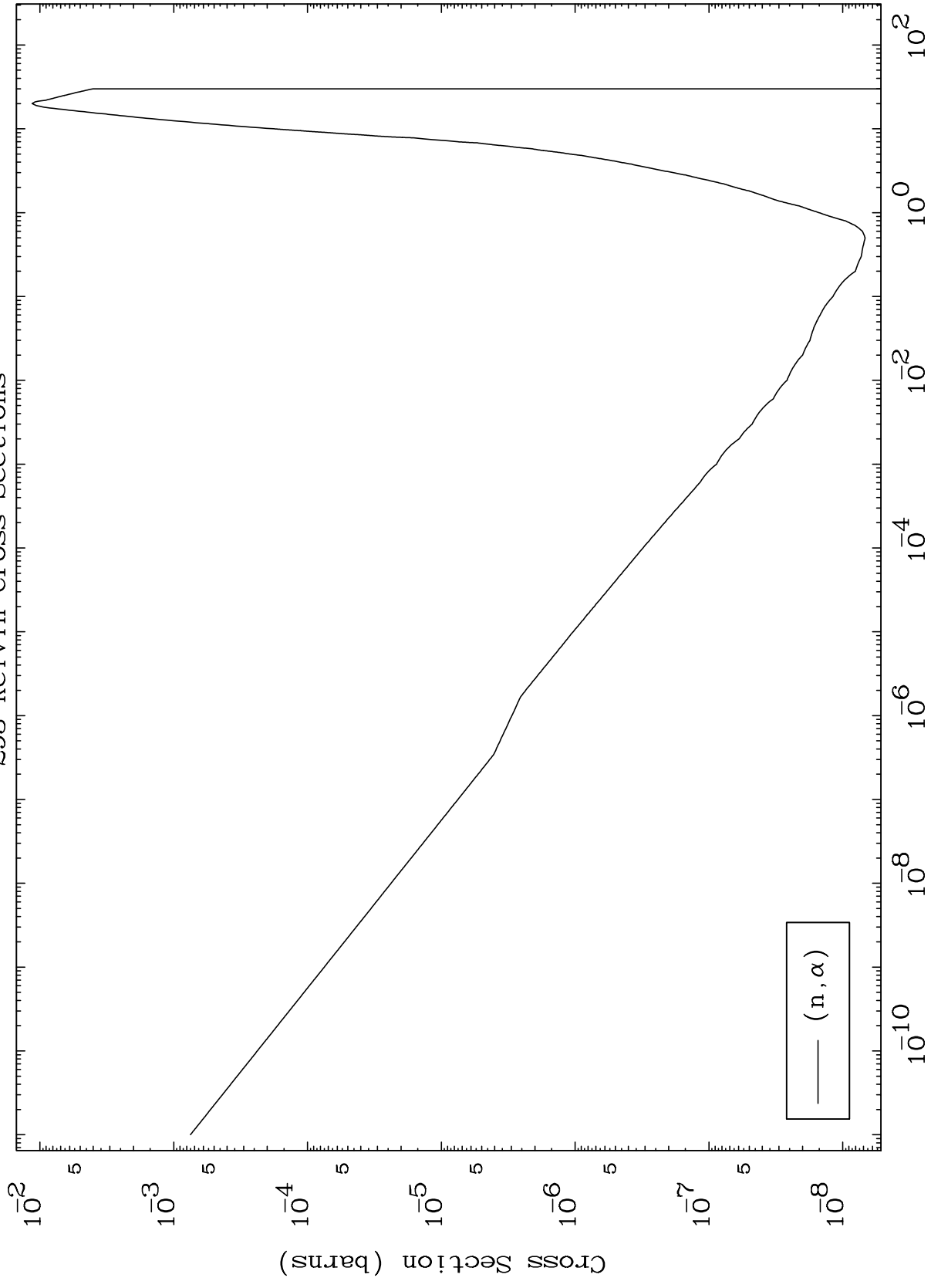
Incident Energy (MeV)

64-Gd-155

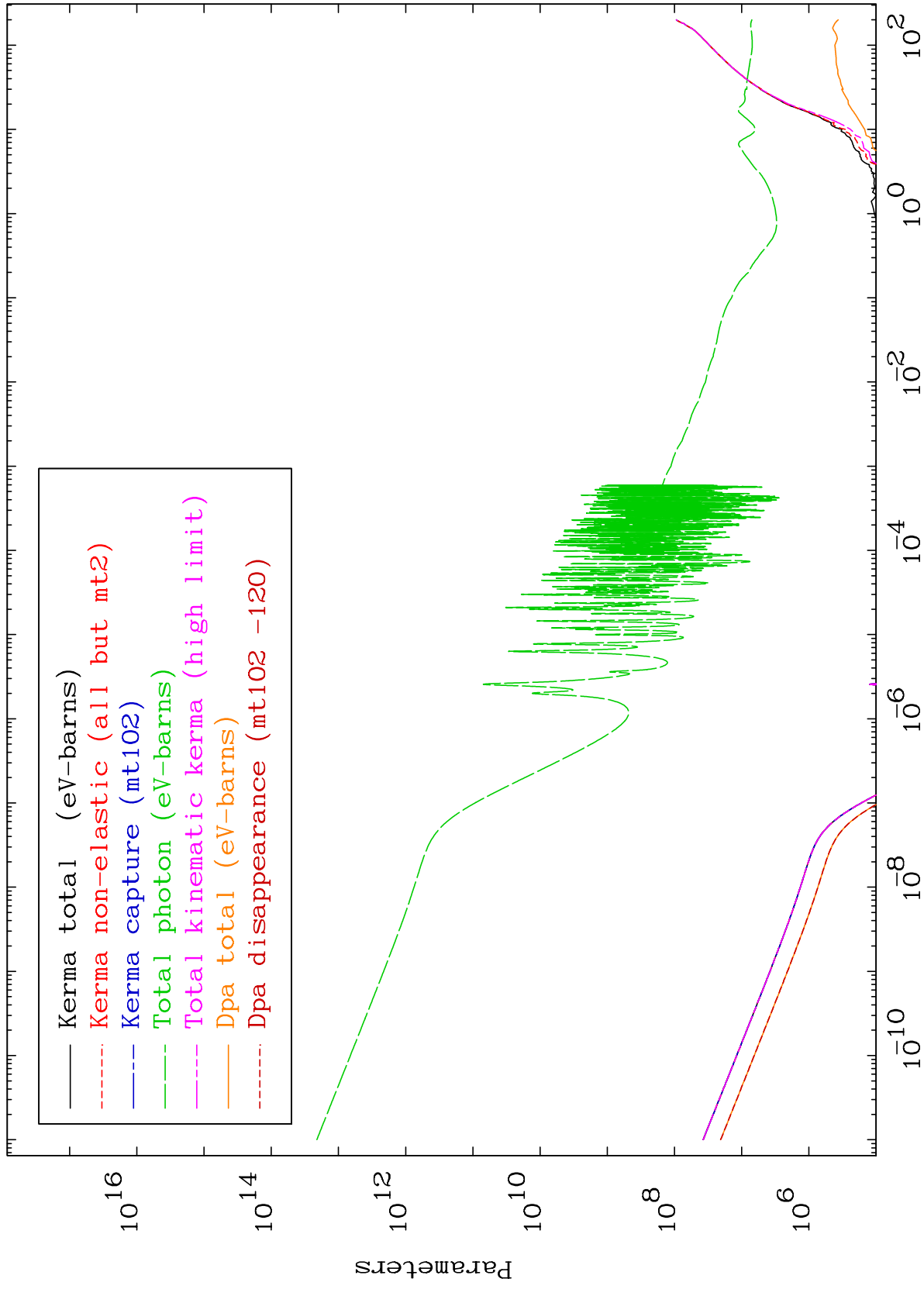
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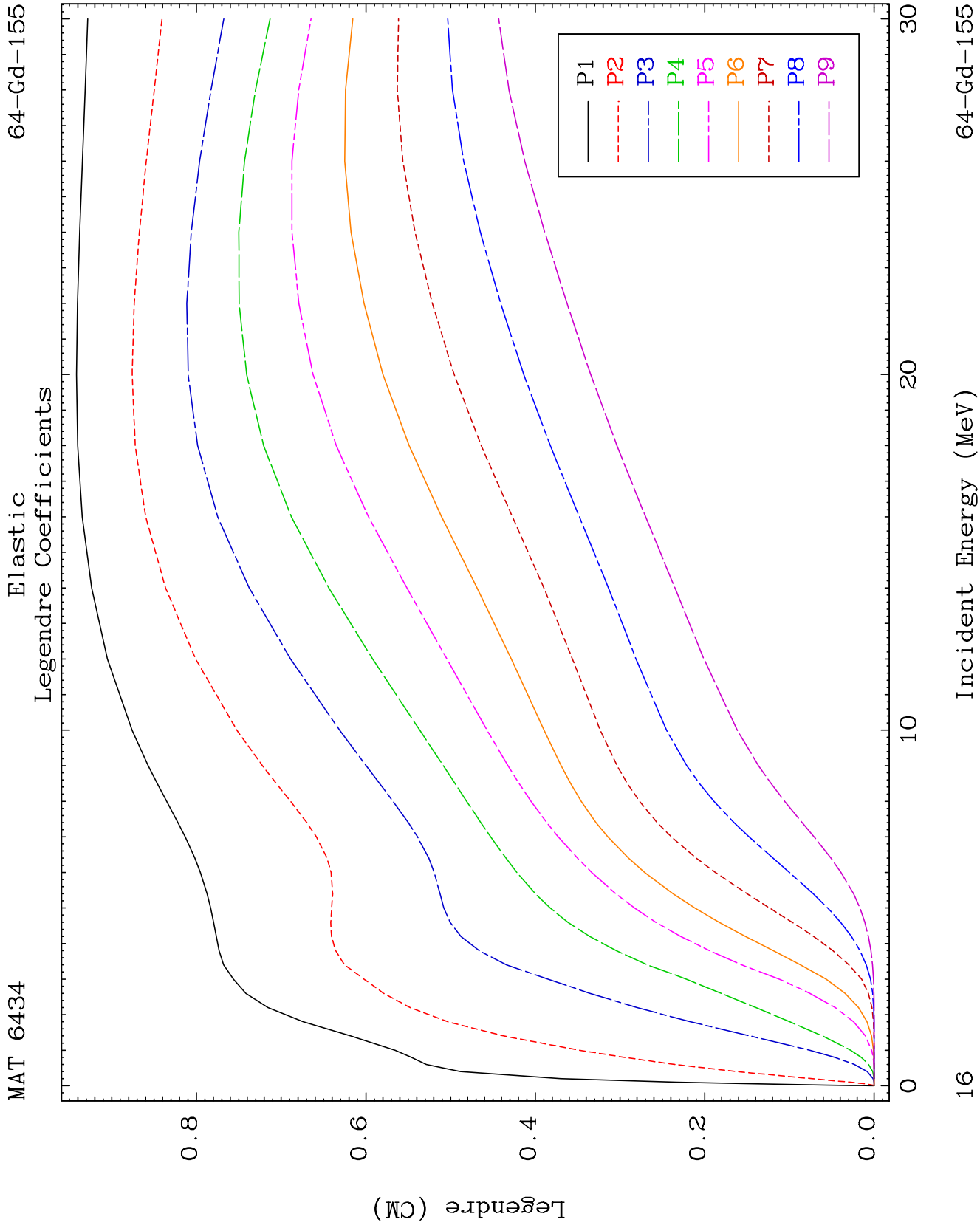
293 Kelvin Cross Sections
(n,α) Levels

64-Gd-155



— (n,α)

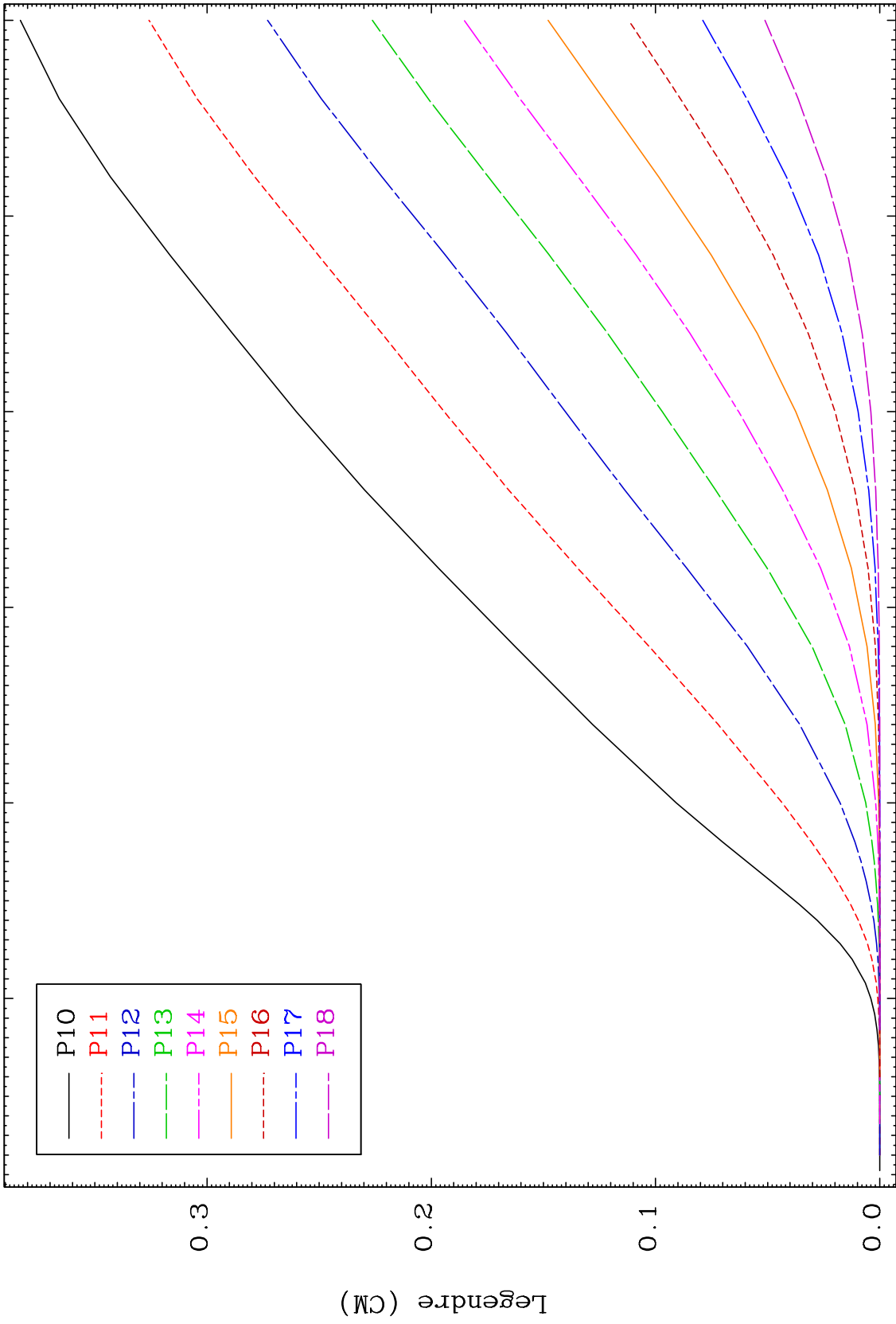




MAT 6434

Elastic Legendre Coefficients

64-Gd-155



17

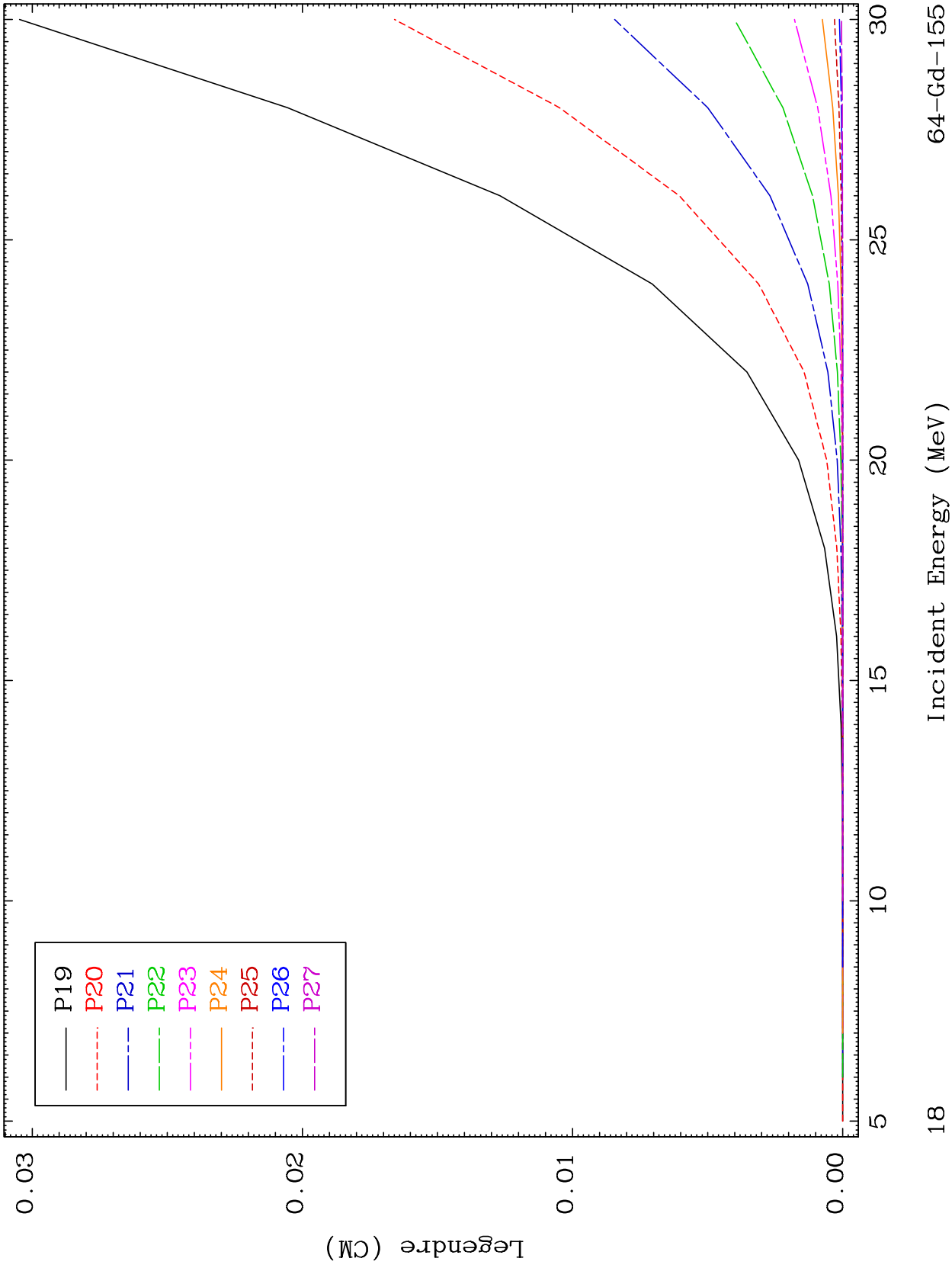
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155



18

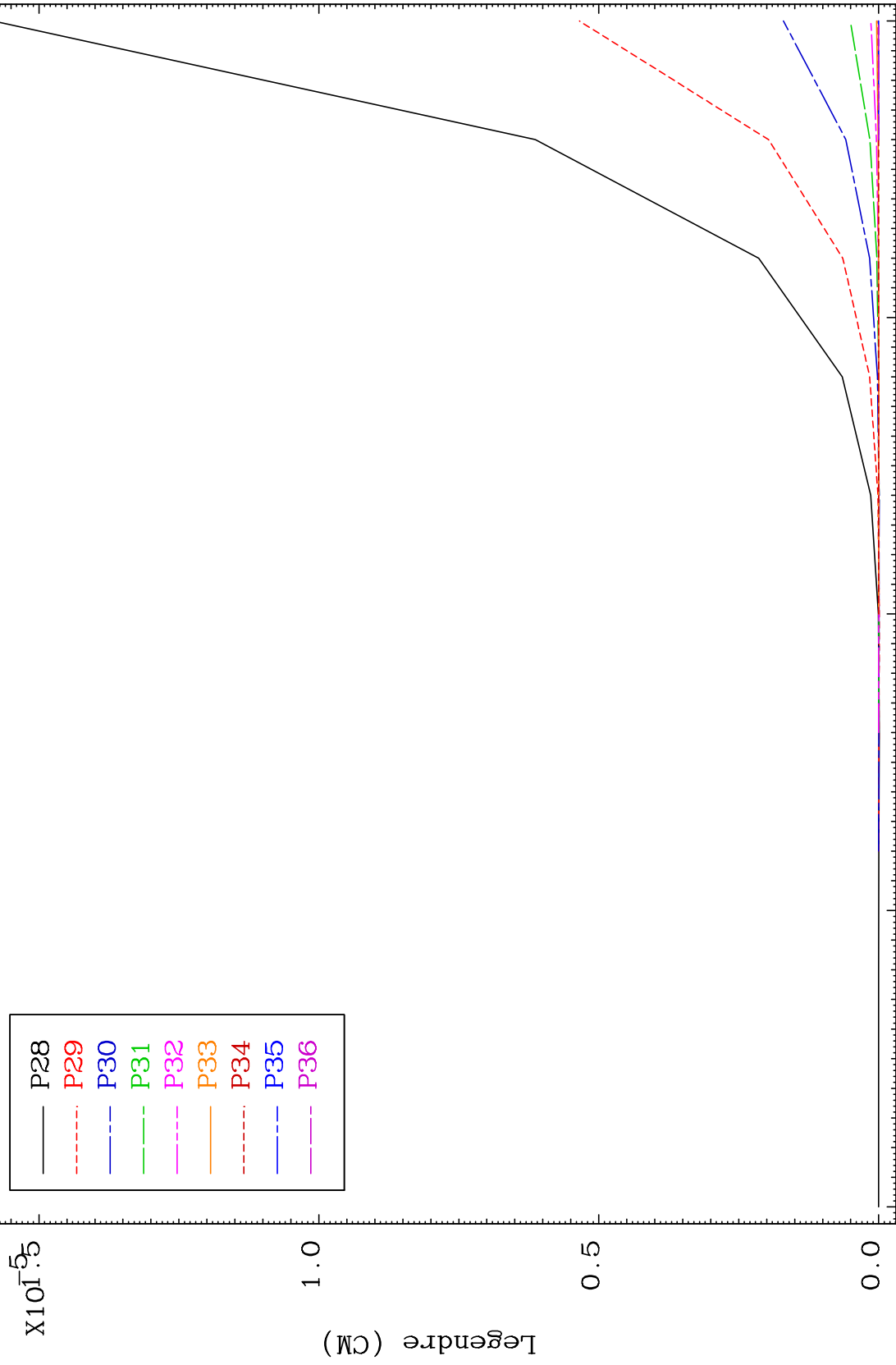
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155



19

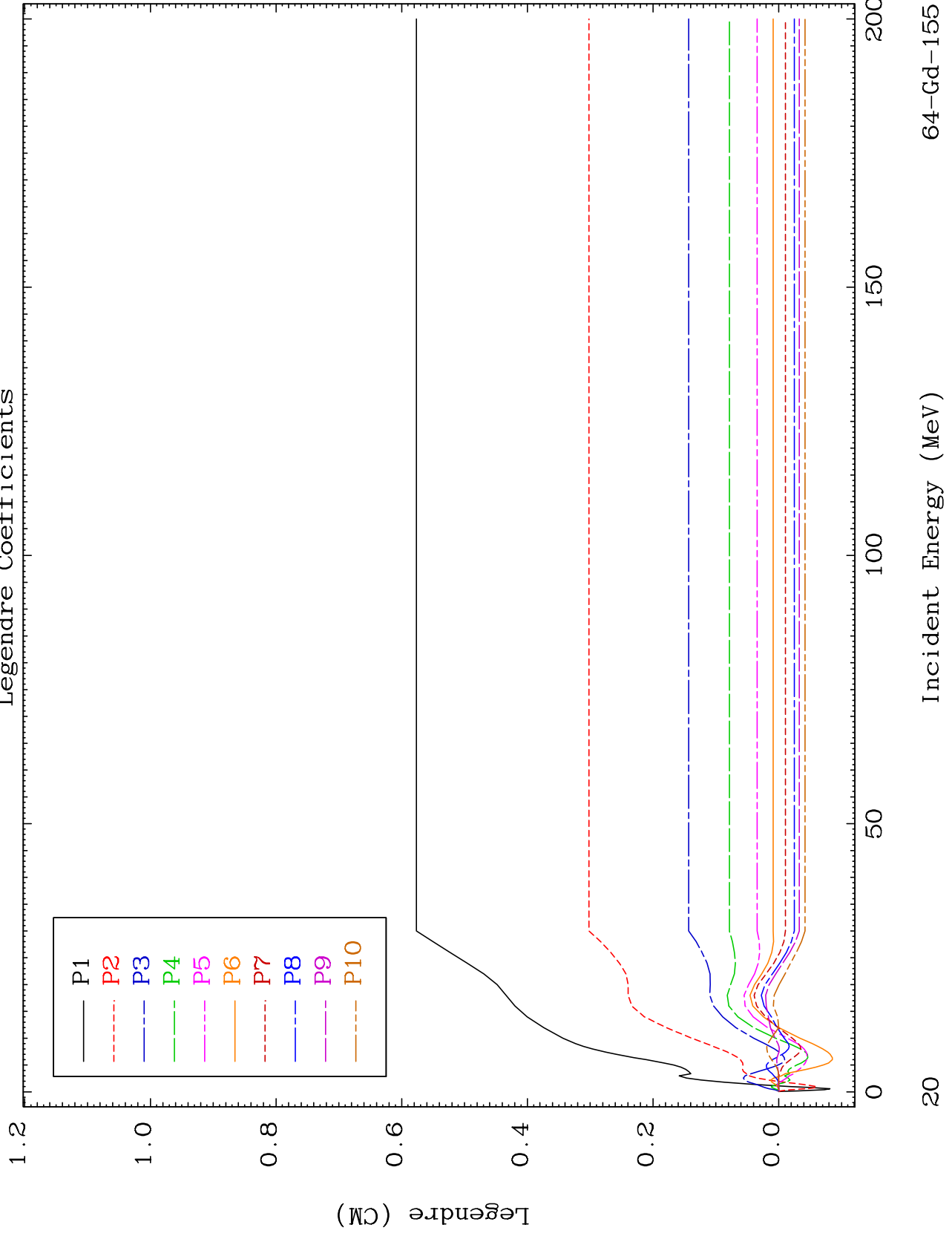
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

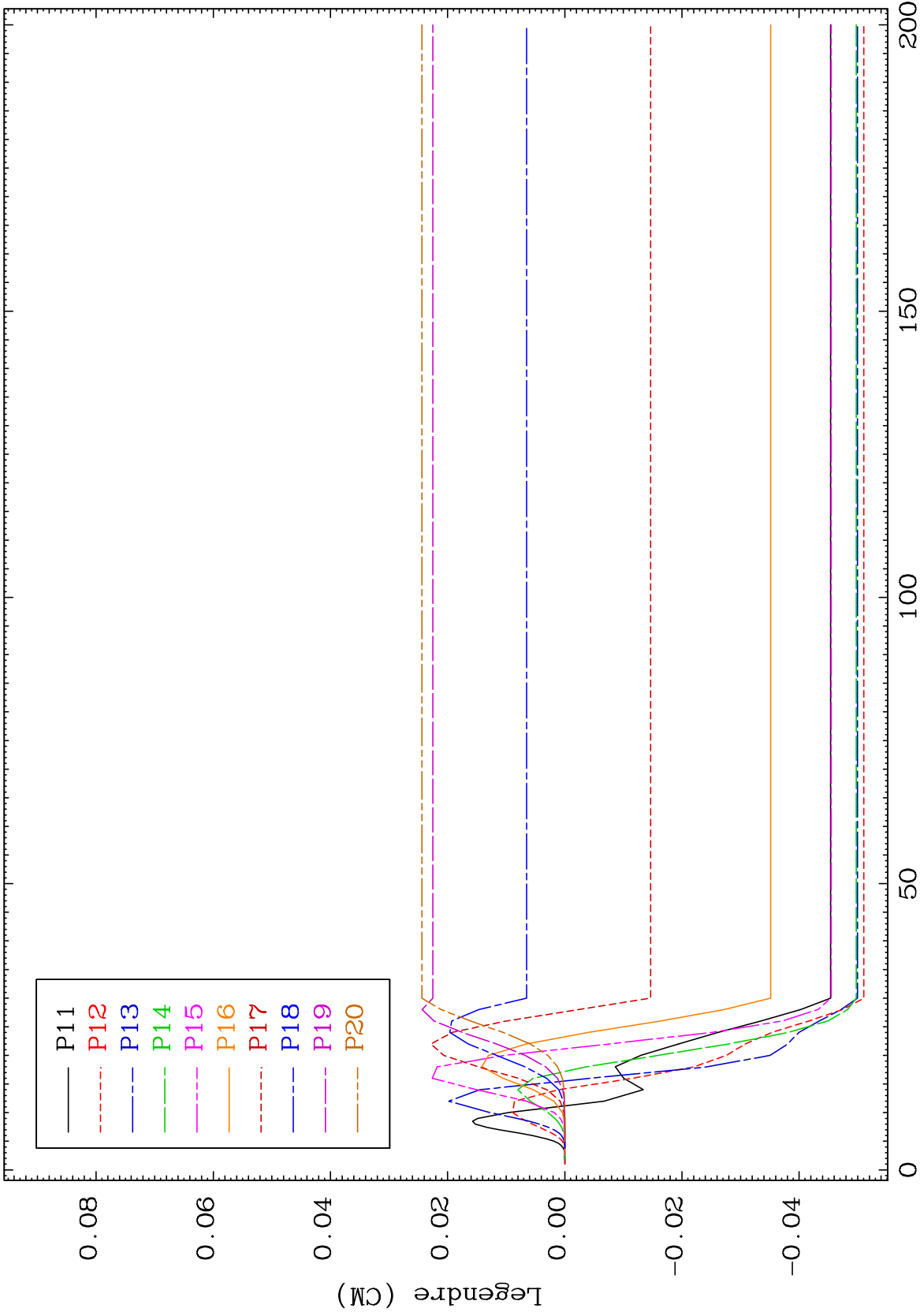
64-Gd-155



MAT 6434

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

64-Gd-155



21

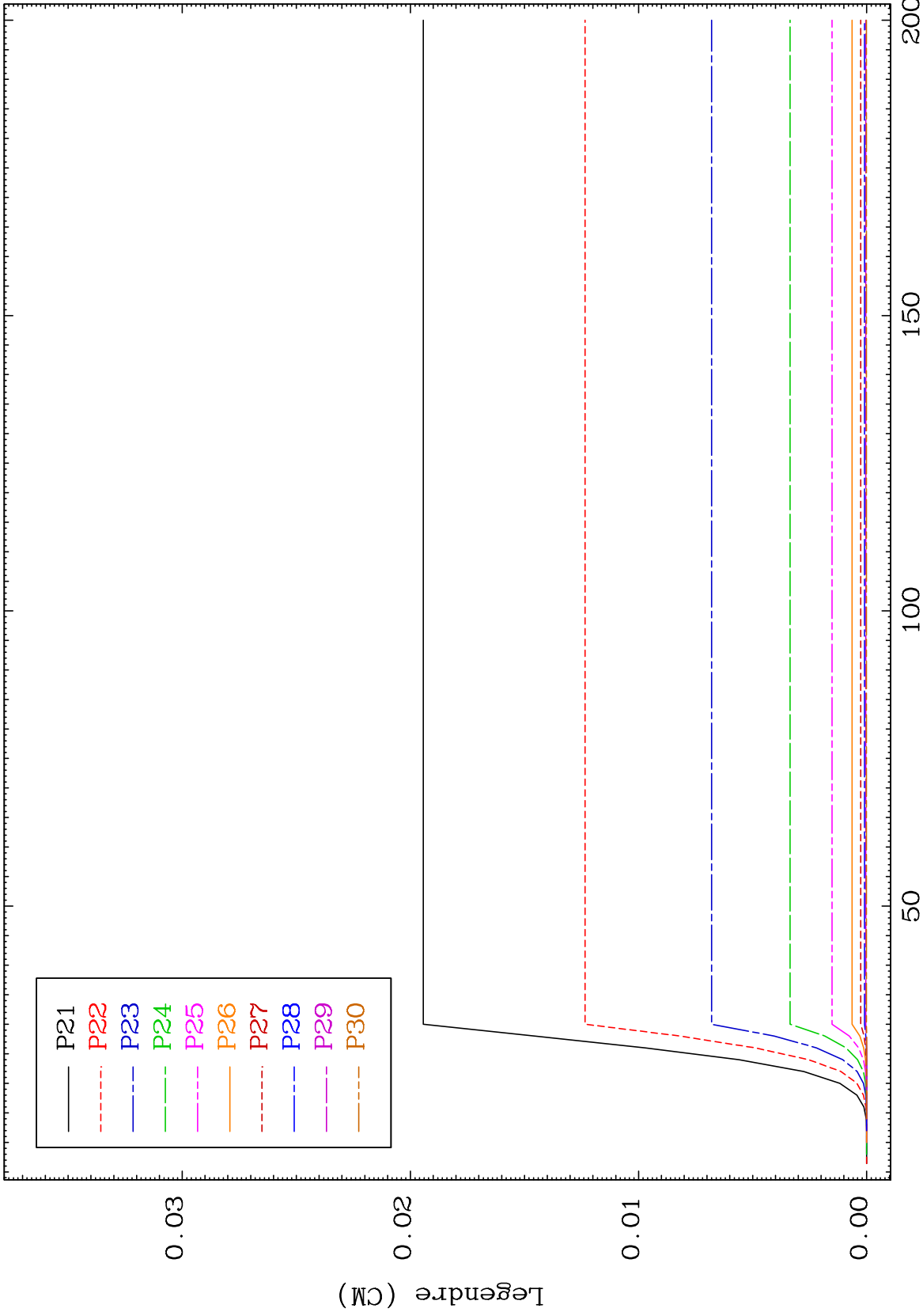
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



22

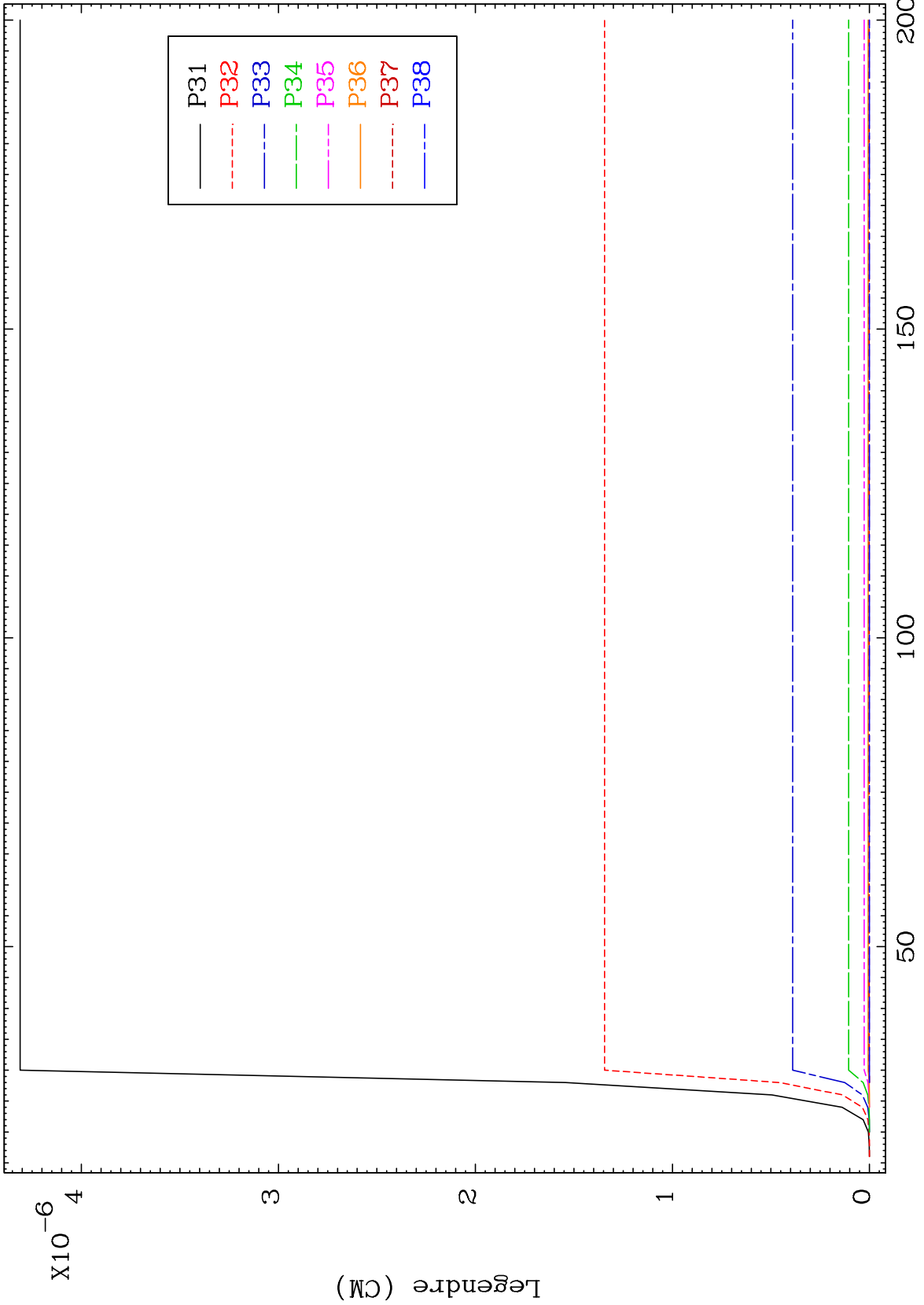
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

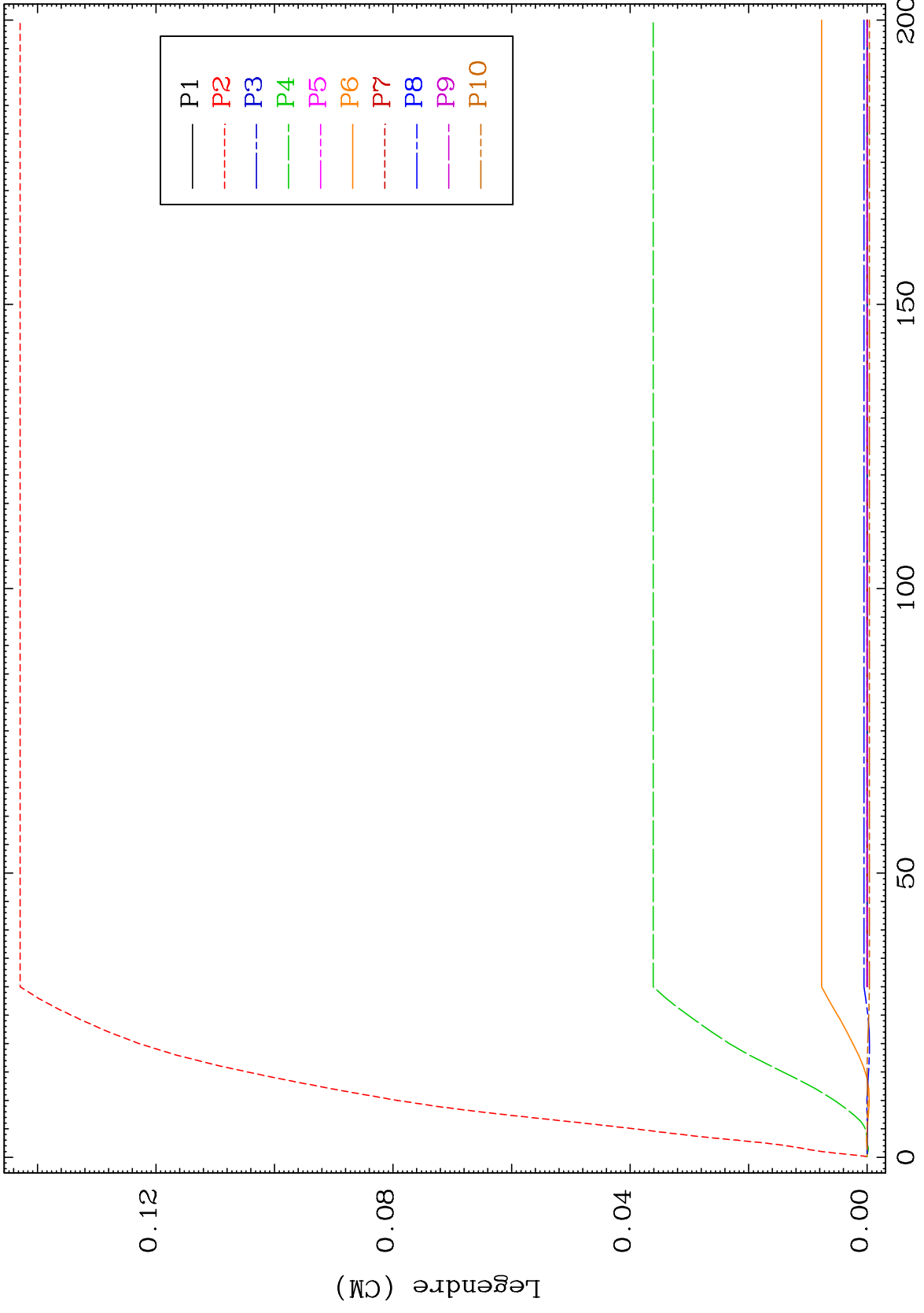


23

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 52 (n,n') Level Legendre Coefficients 64-Gd-155

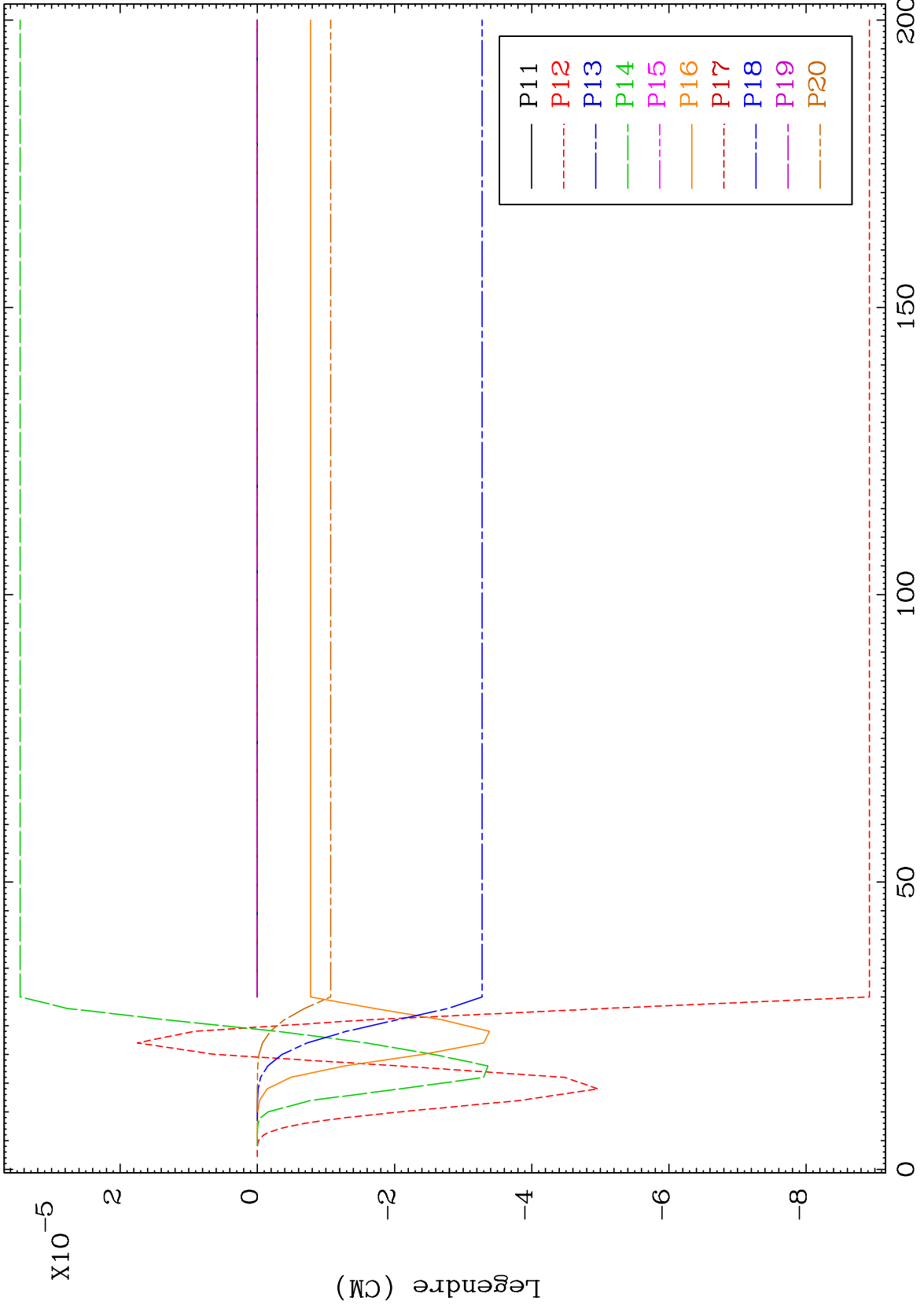


24 64-Gd-155

MAT 6434

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

64-Gd-155



25

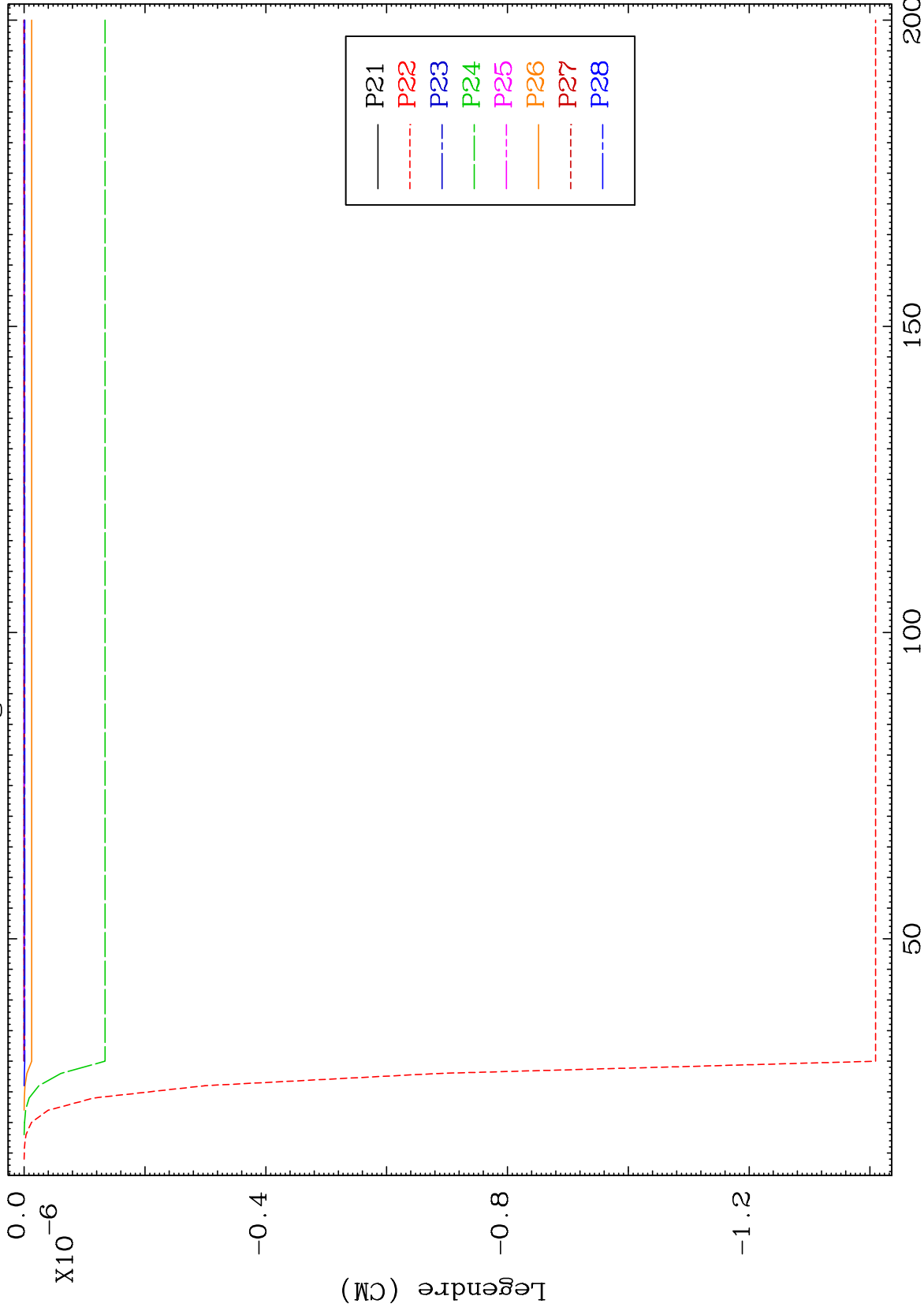
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



26

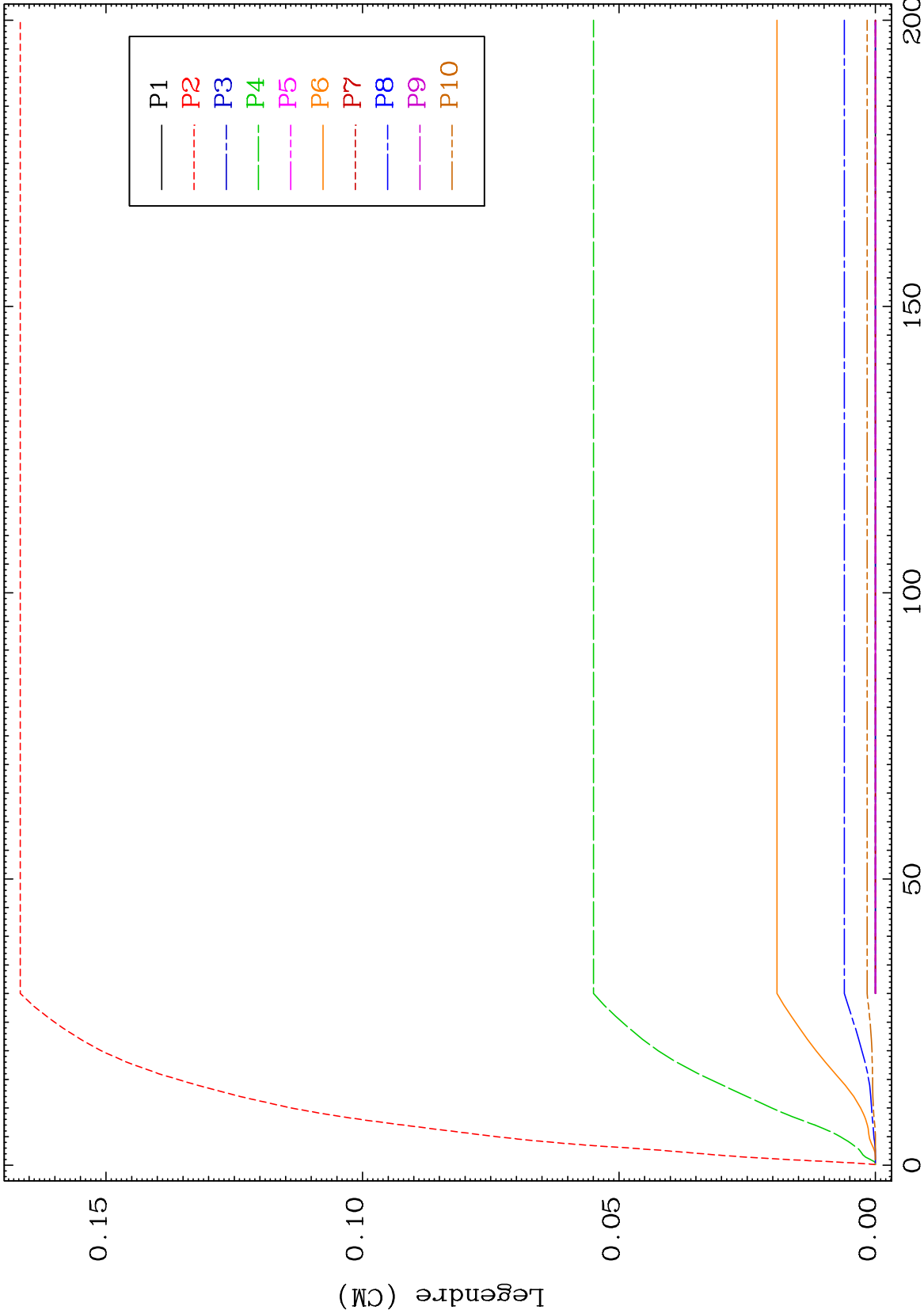
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



27

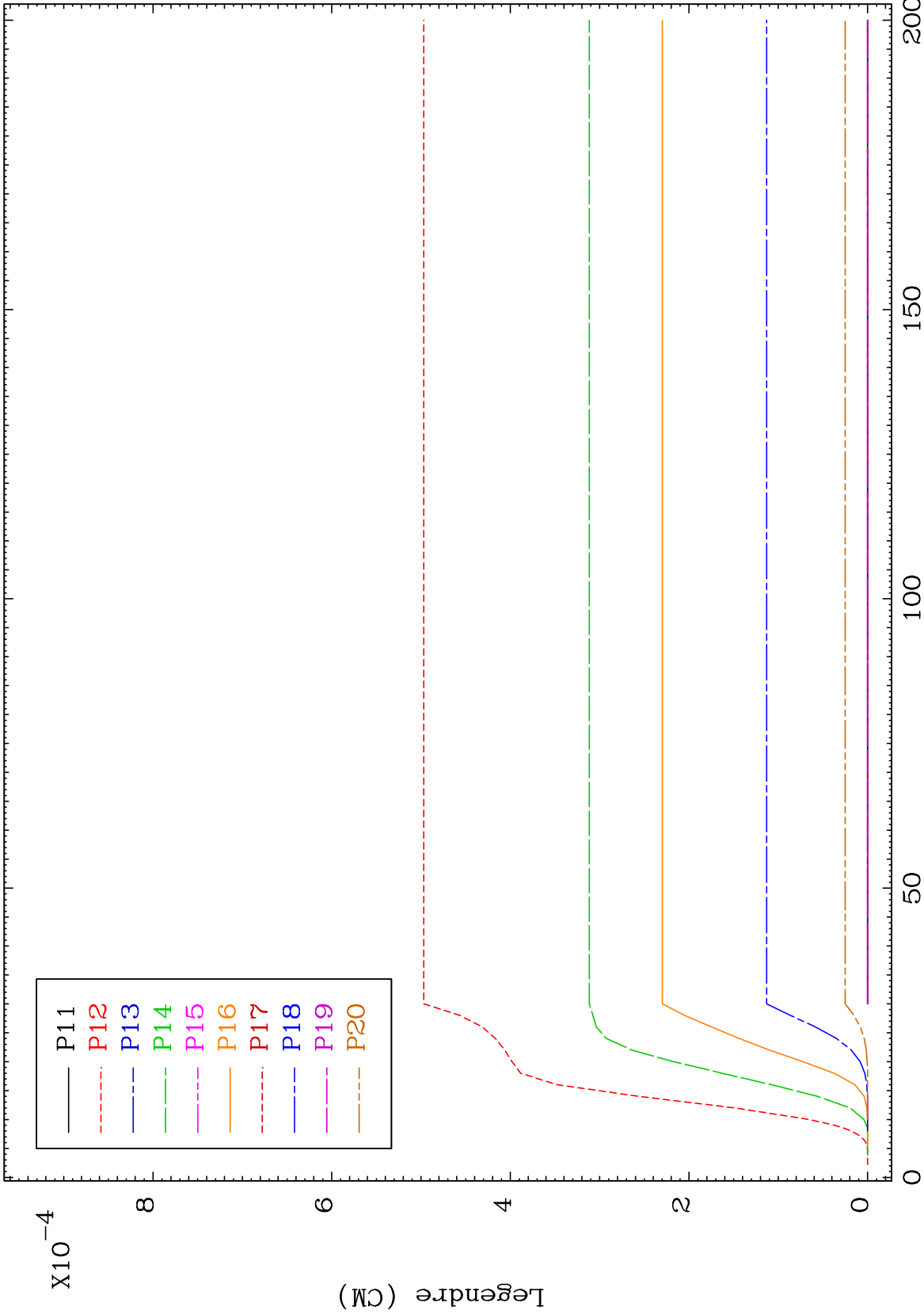
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



28

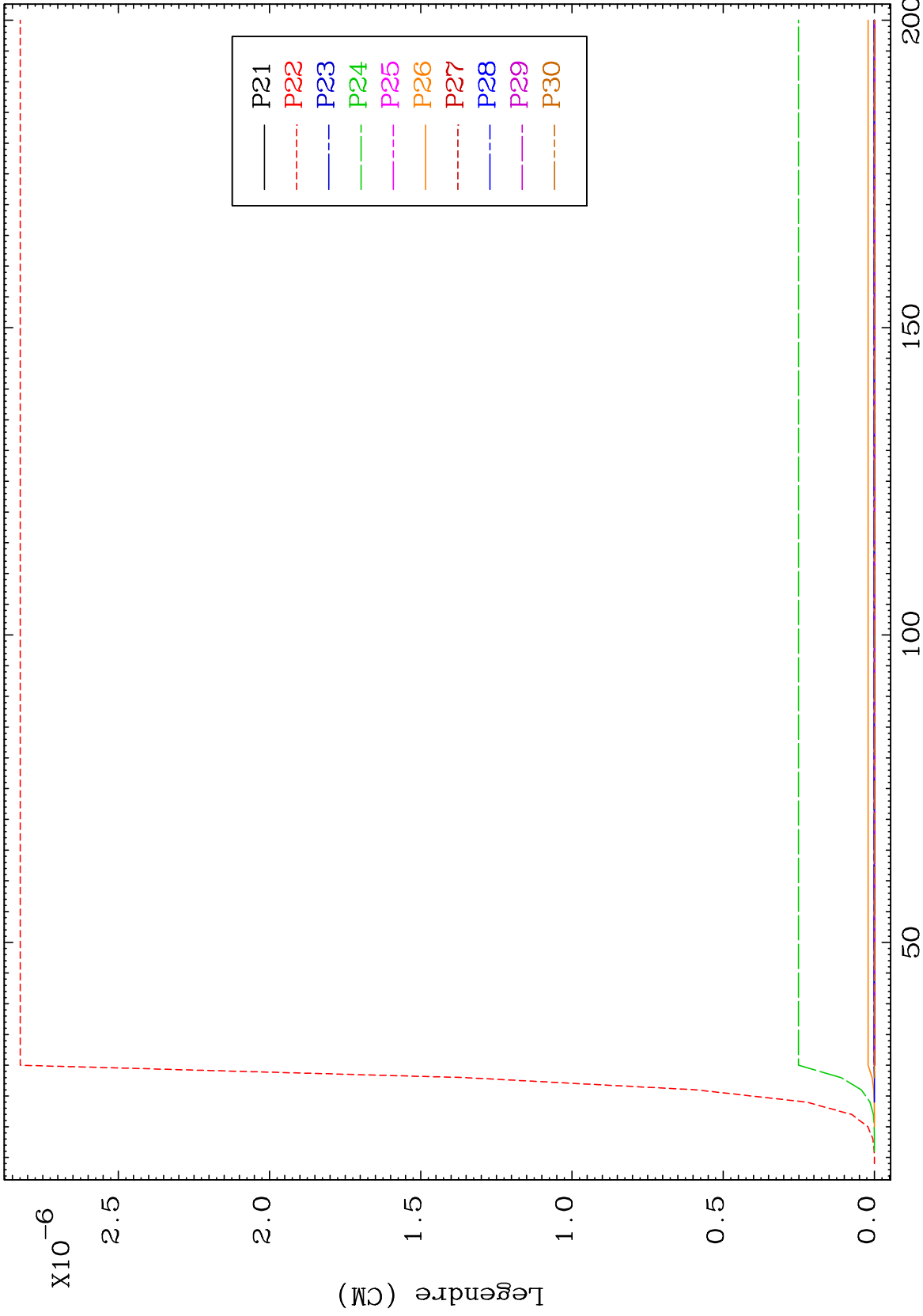
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



29

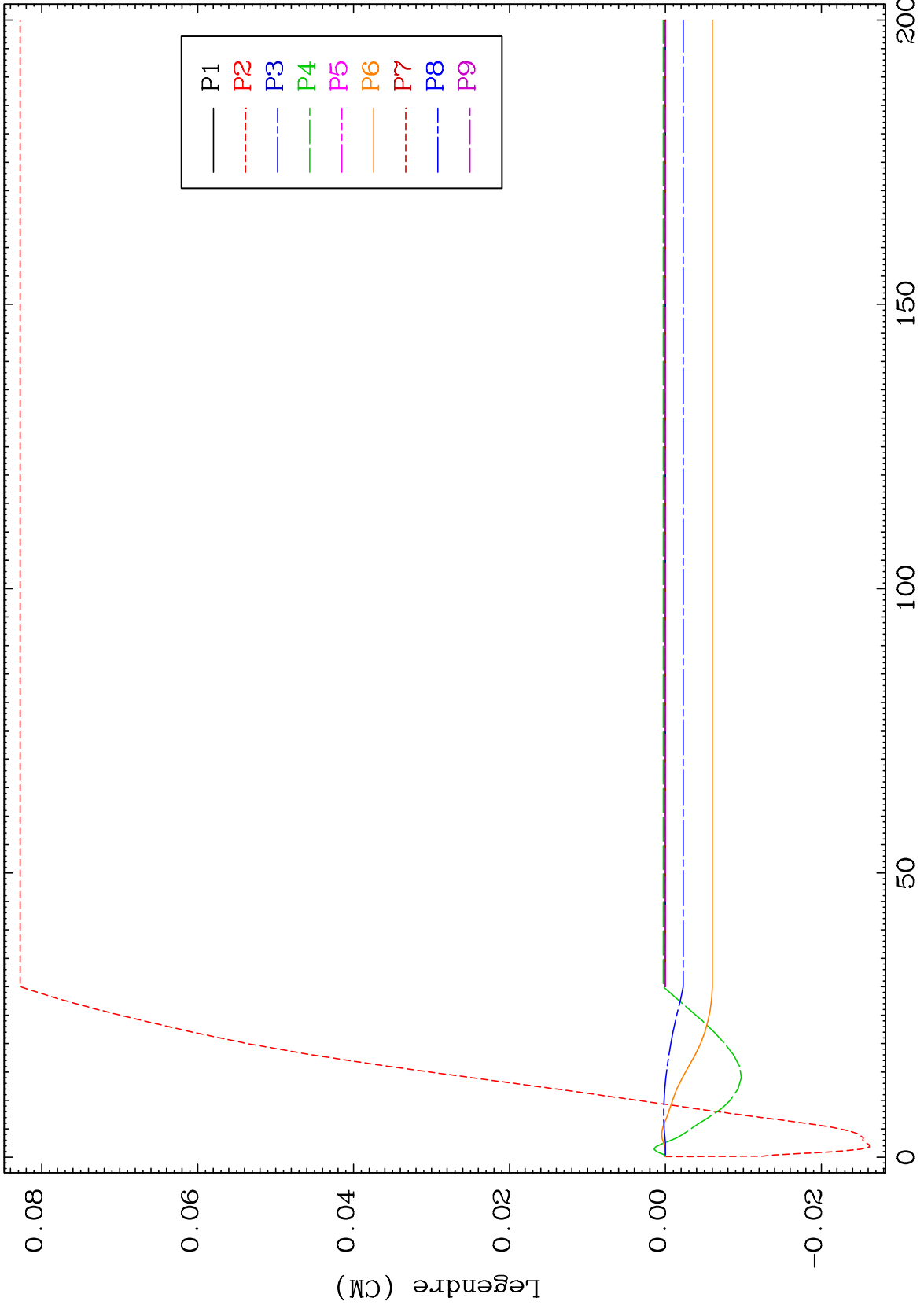
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



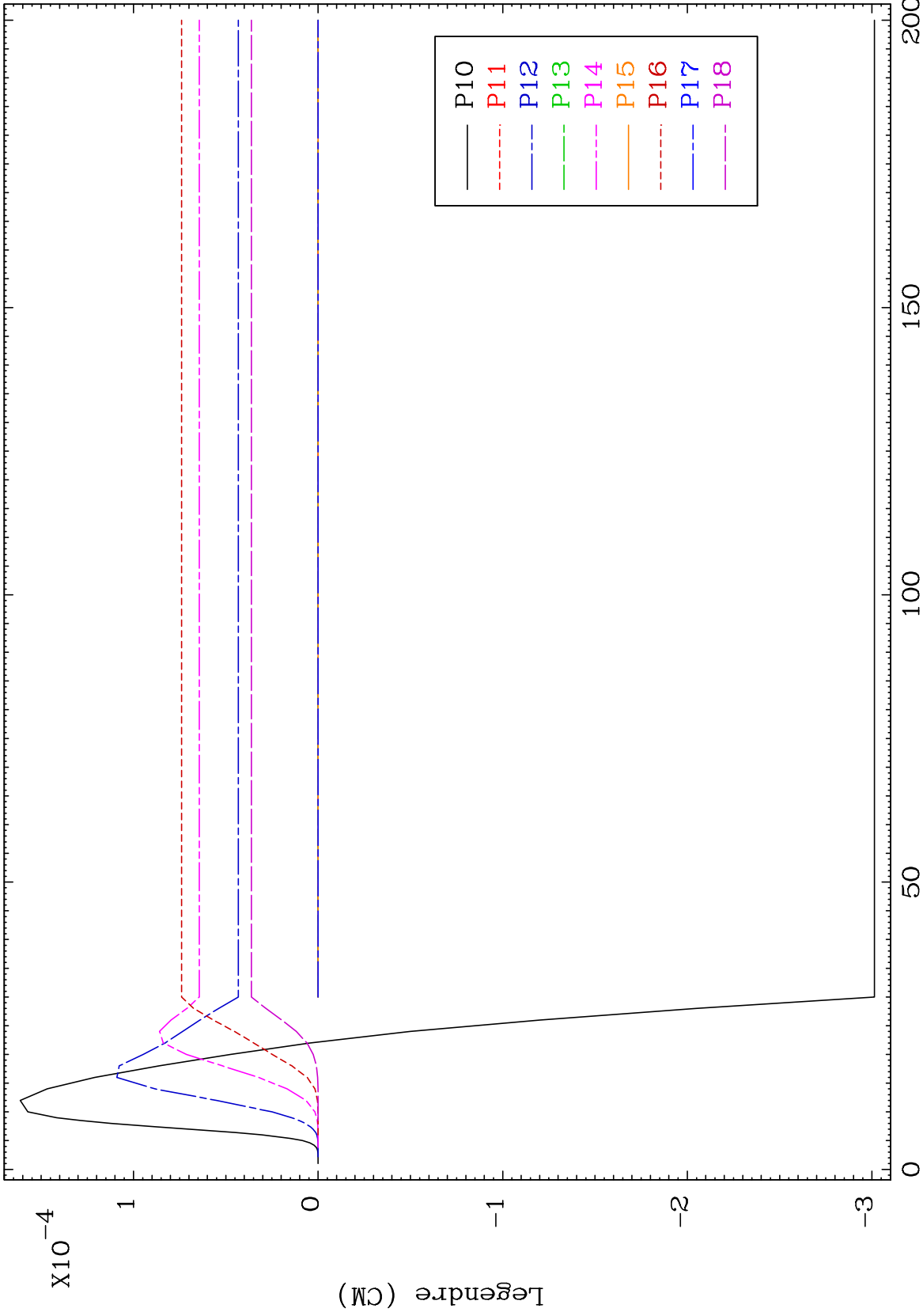
64-Gd-155

Incident Energy (MeV)

MAT 6434

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

64-Gd-155

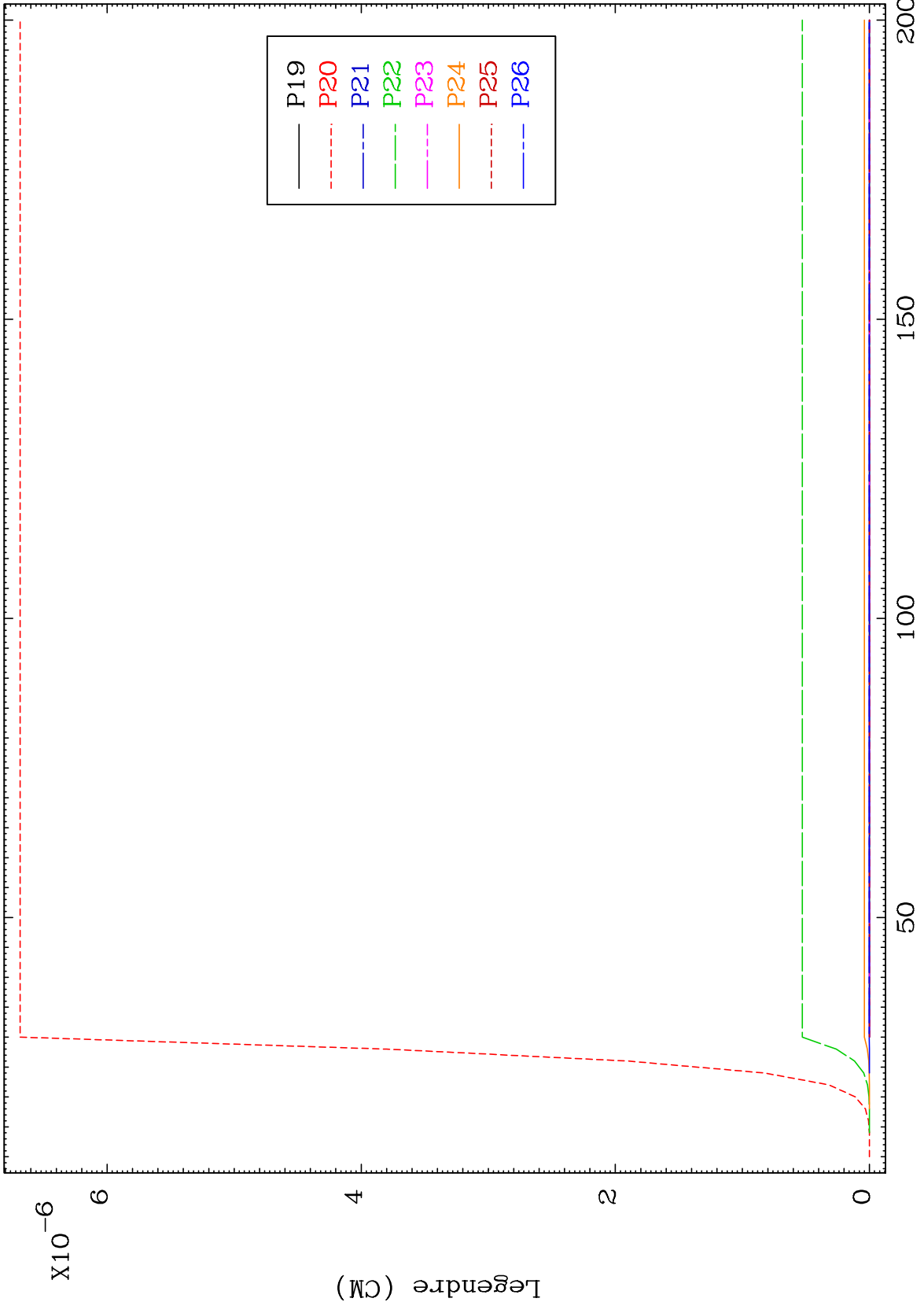


31

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 54 (n,n') Level Legendre Coefficients 64-Gd-155

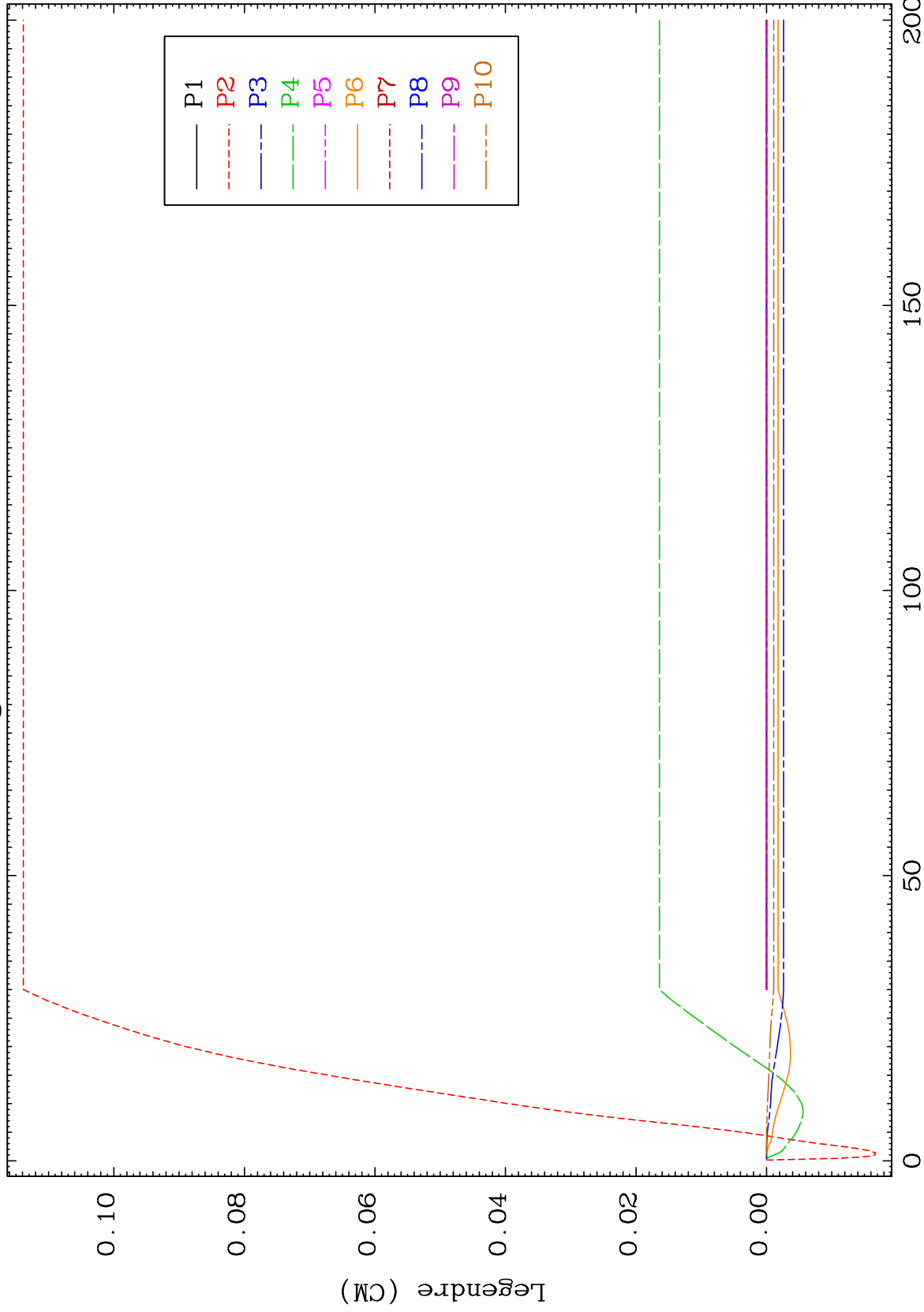


32 Incident Energy (MeV) 64-Gd-155

MAT 6434

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

64-Gd-155



33

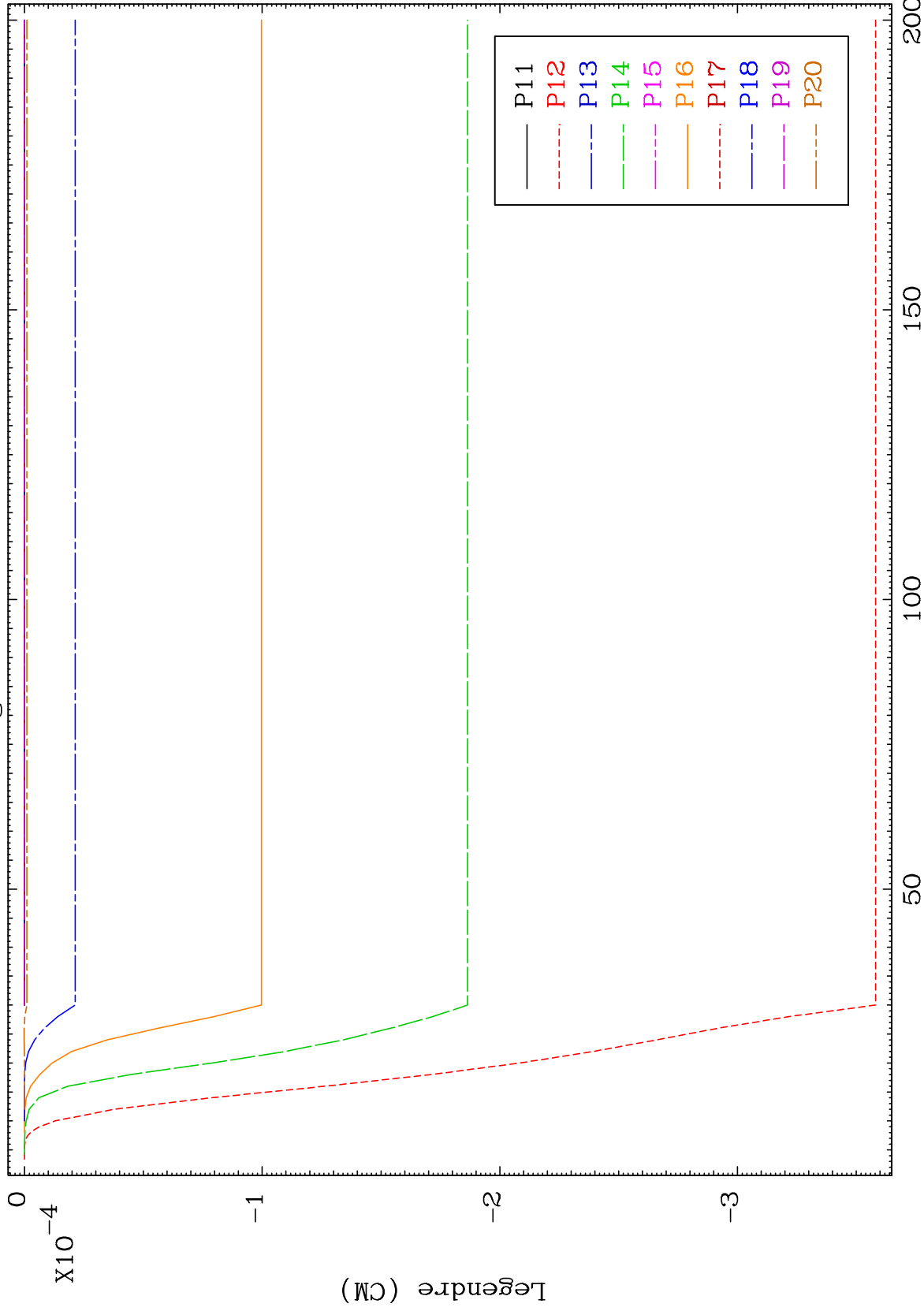
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

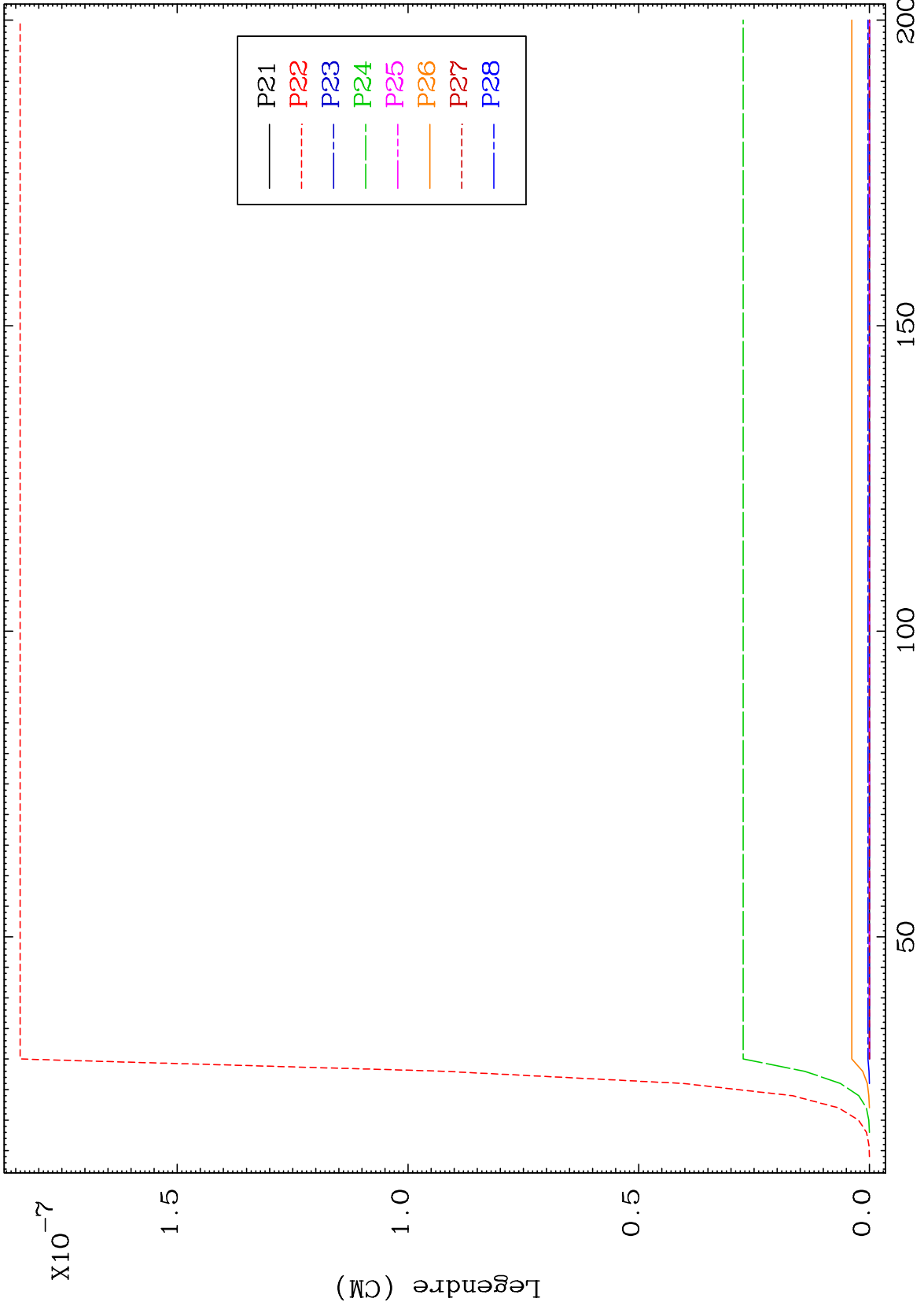


34

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 55 (n,n') Level Legendre Coefficients 64-Gd-155

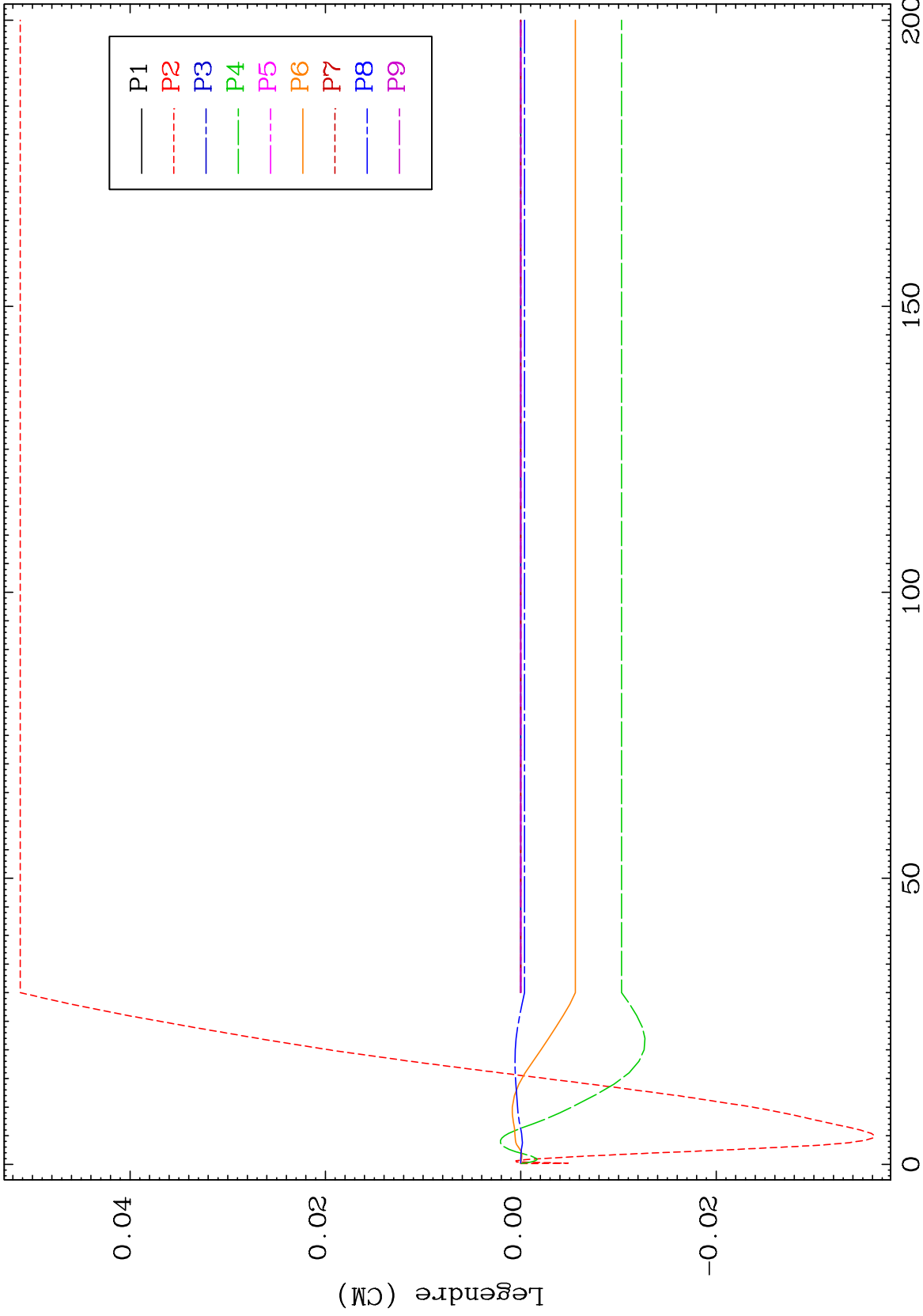


35 Incident Energy (MeV) 64-Gd-155

MAT 6434

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

64-Gd-155



36

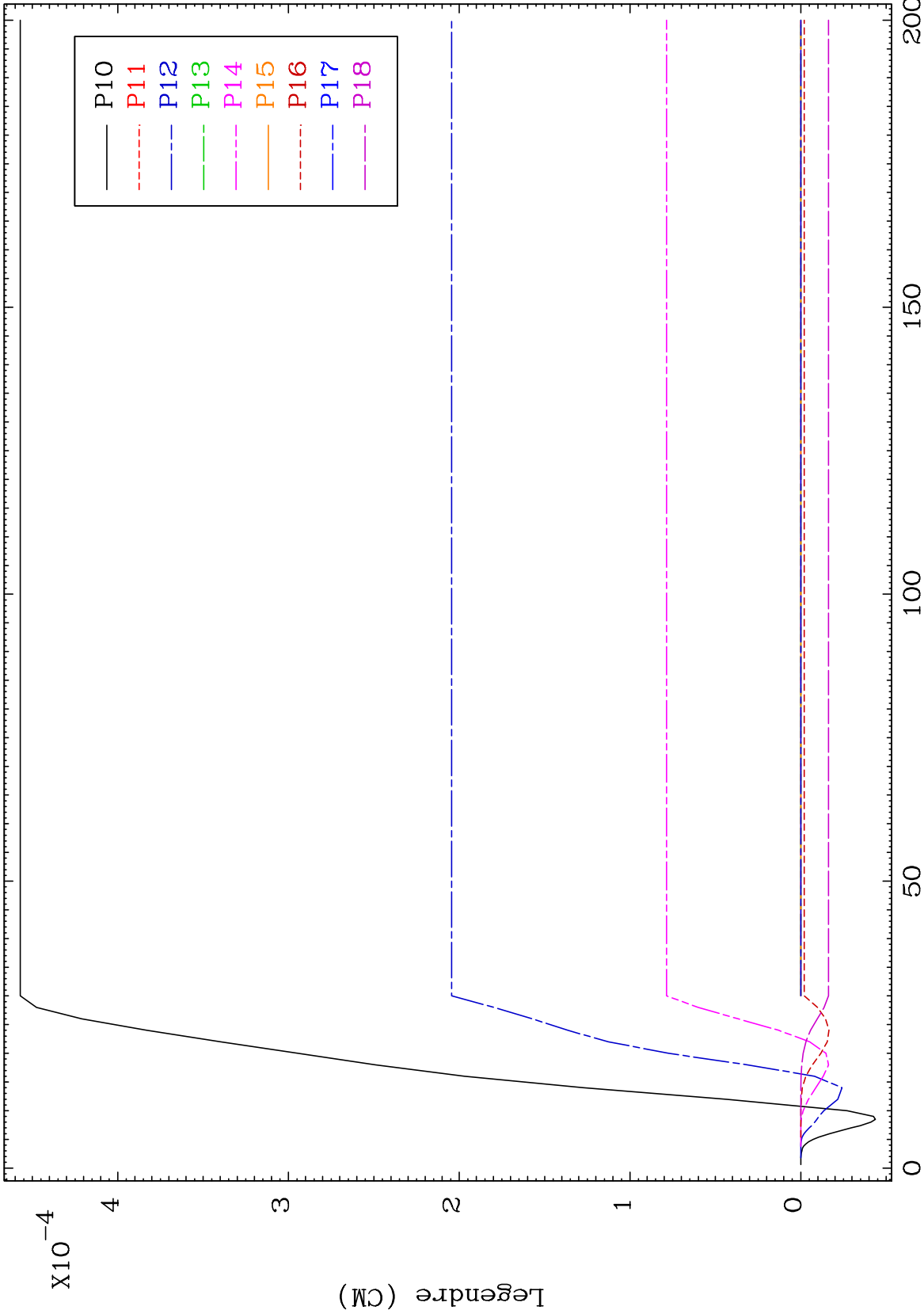
64-Gd-155

64-Gd-155

MAT 6434

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

64-Gd-155



37

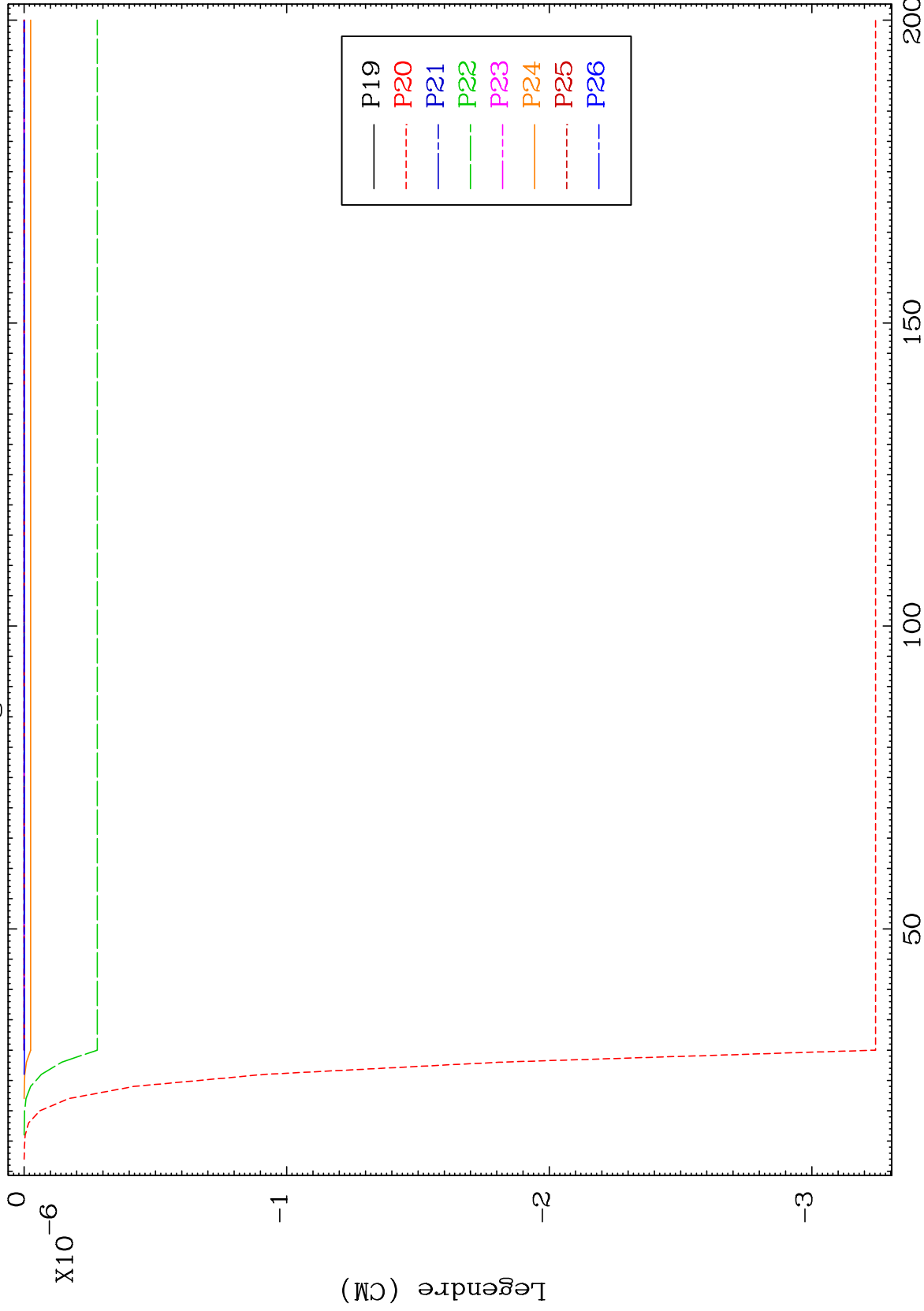
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



38

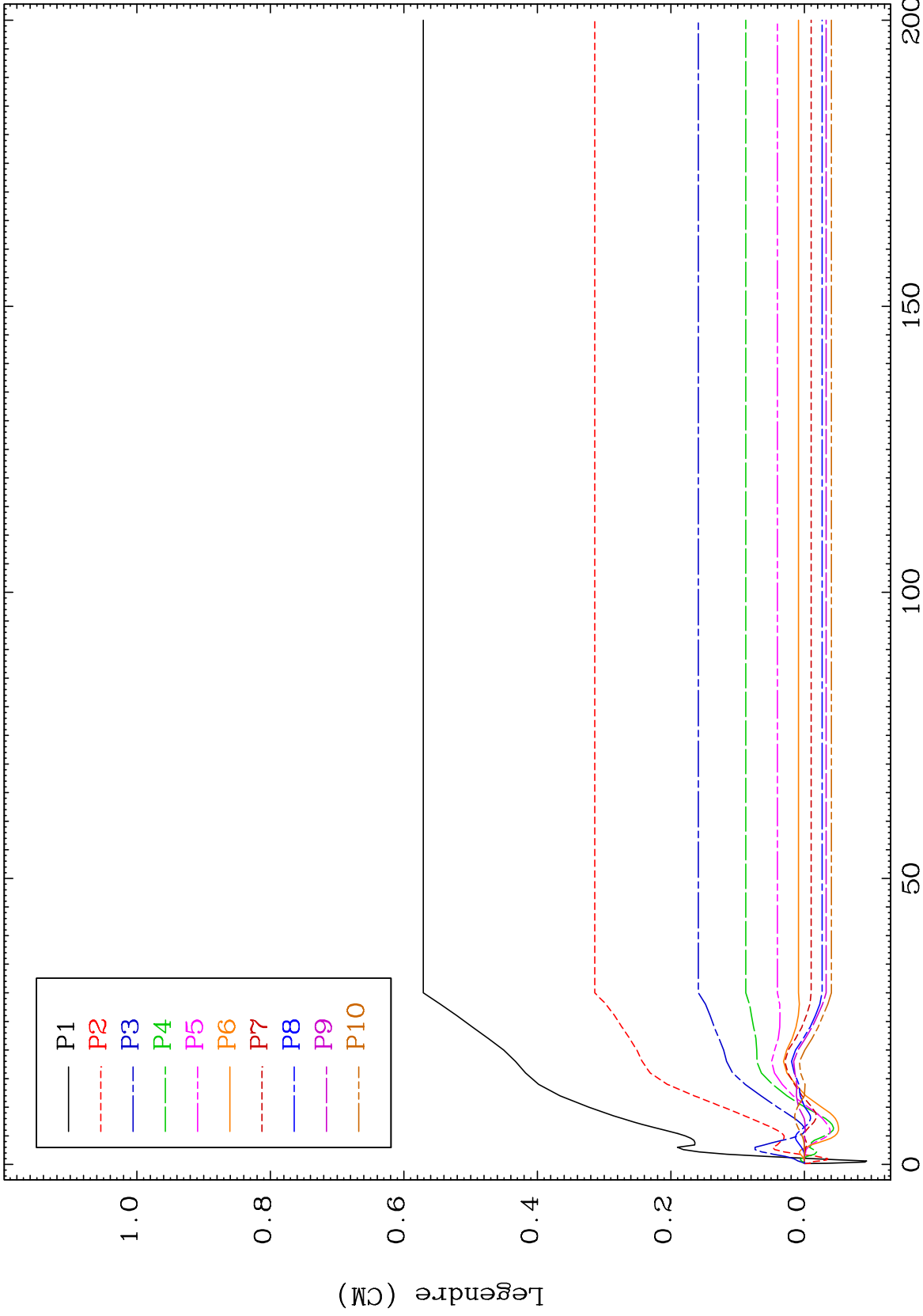
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



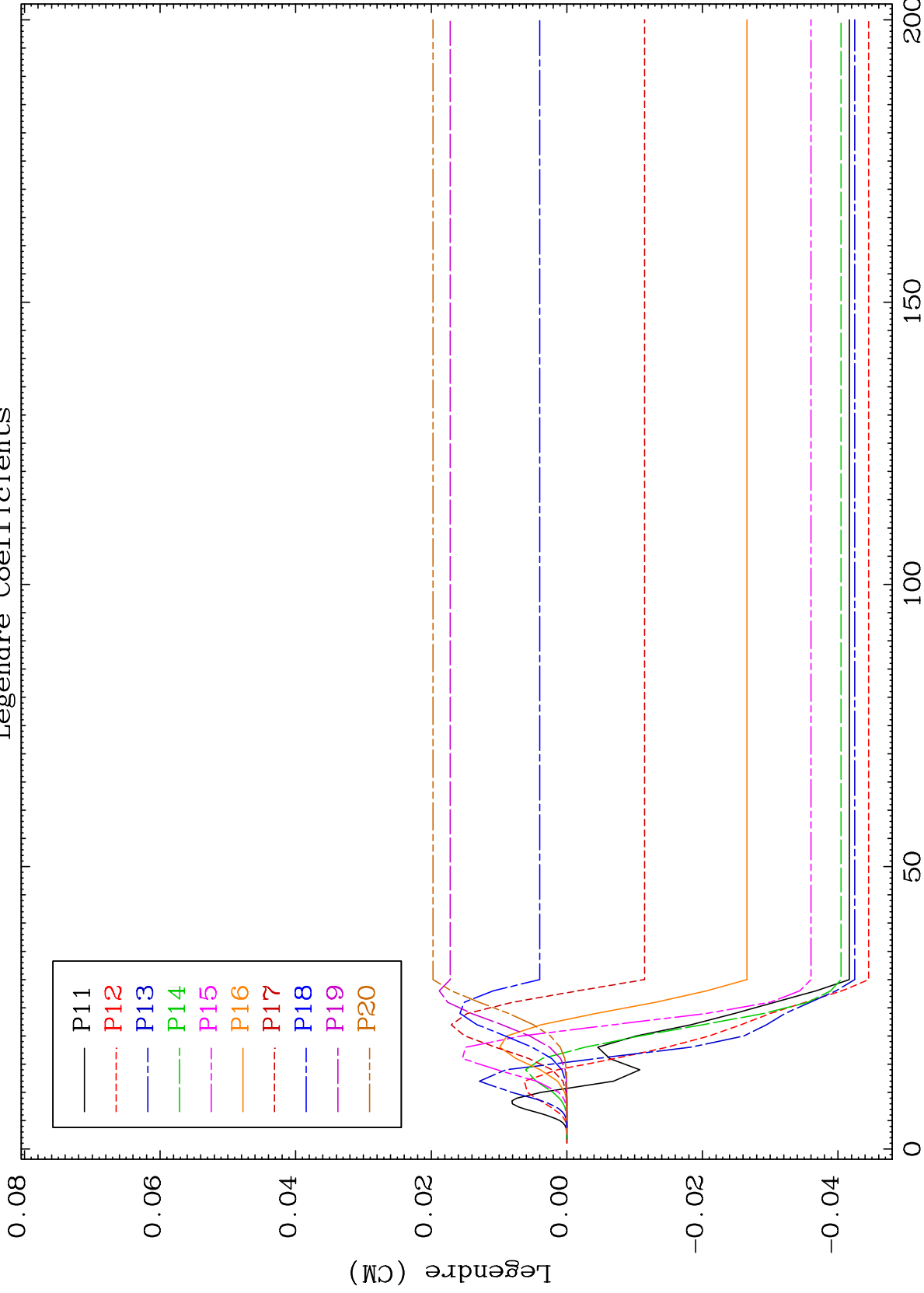
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64-Gd-155

MAT 6434

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

64-Gd-155



40

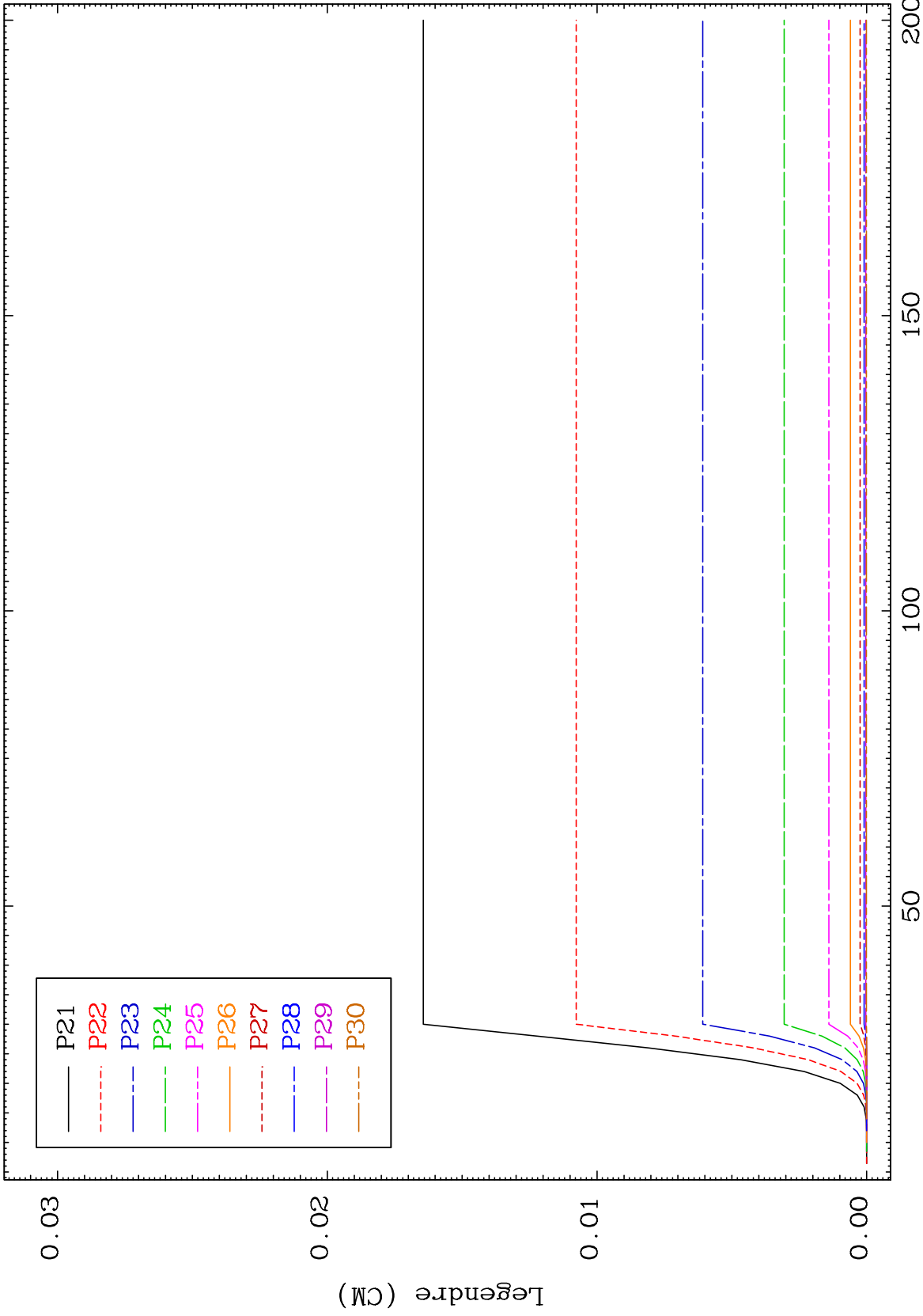
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

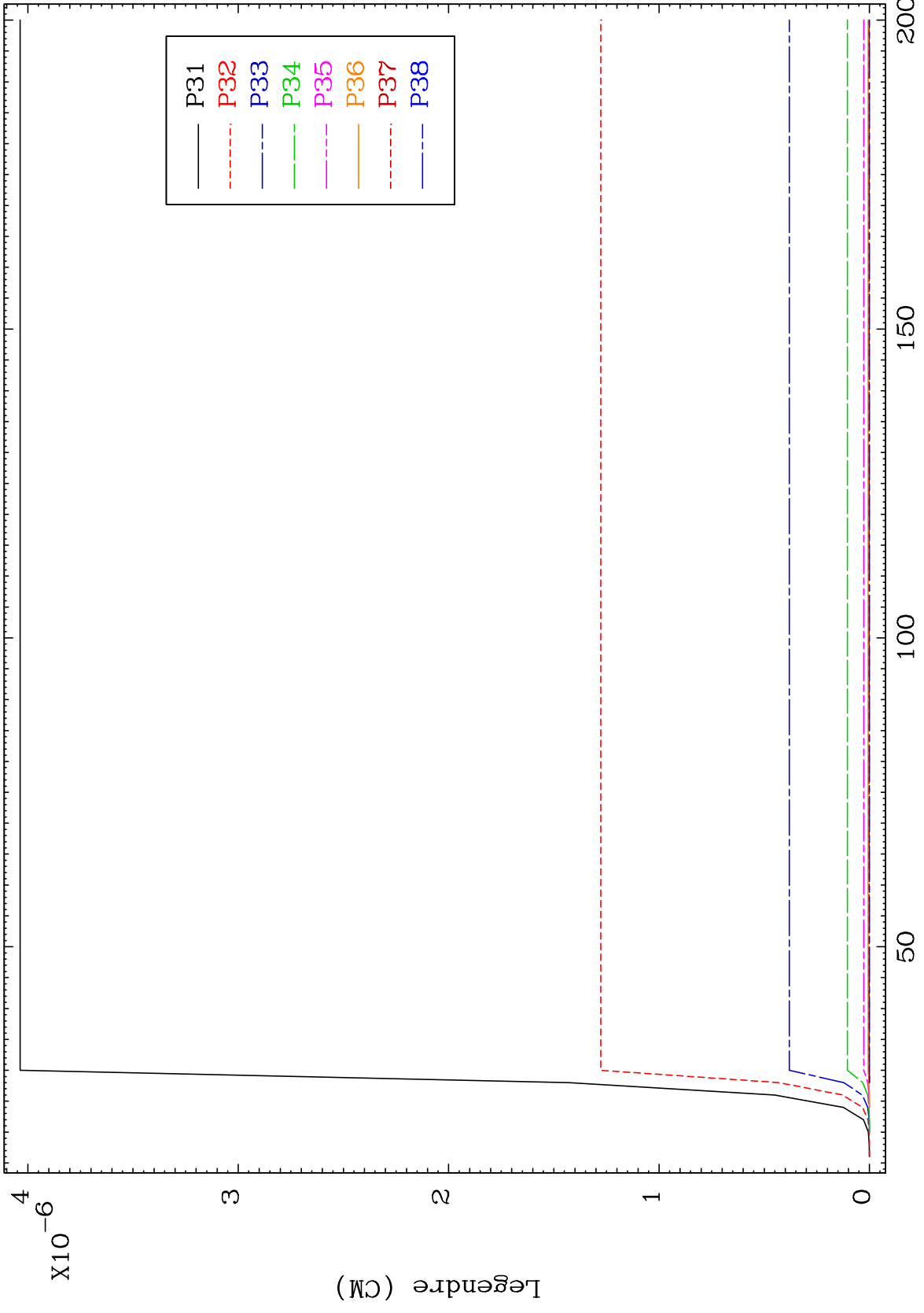
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MAT 6434

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

64-Gd-155



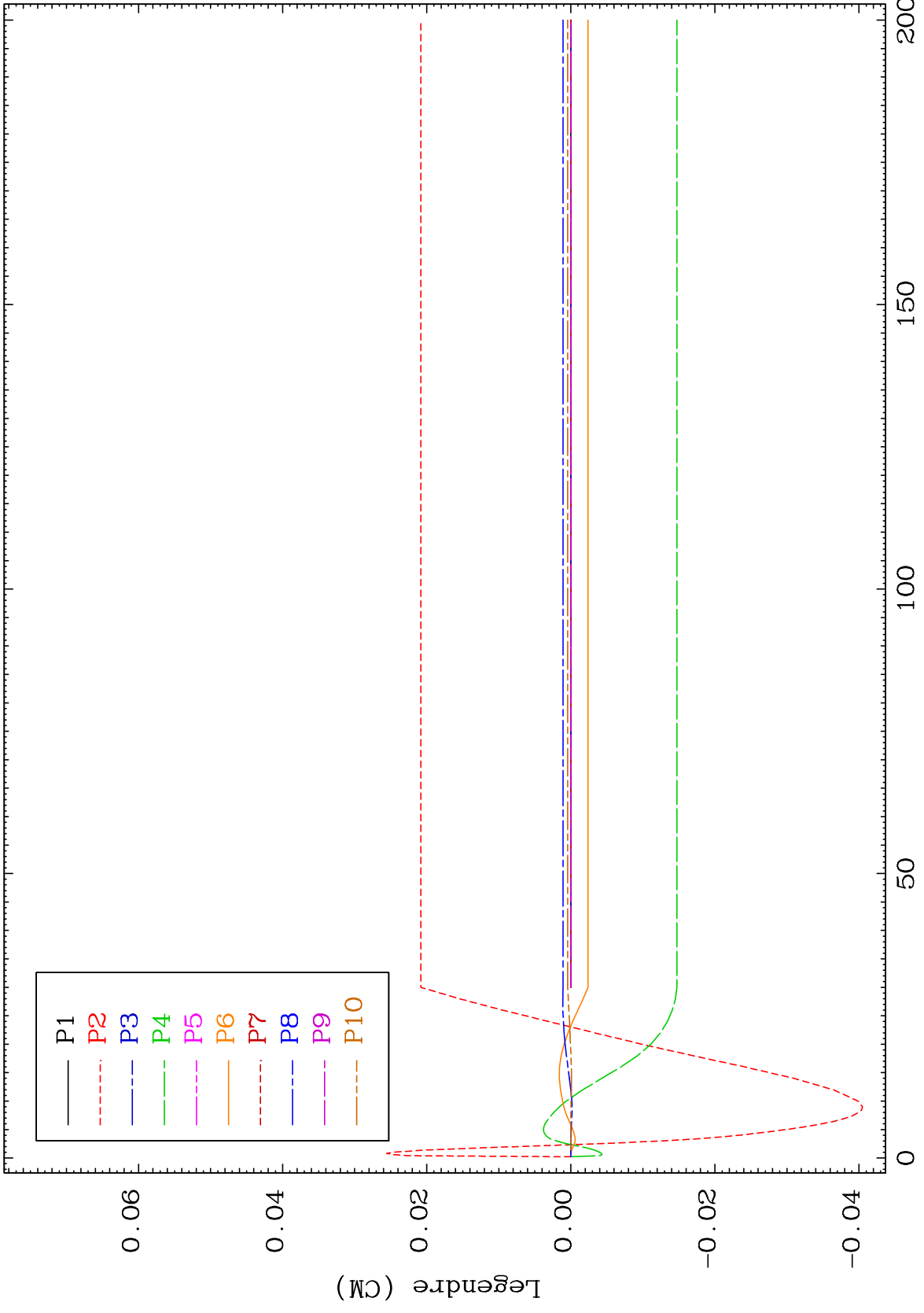
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64-Gd-155

MAT 6434

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

64-Gd-155



43

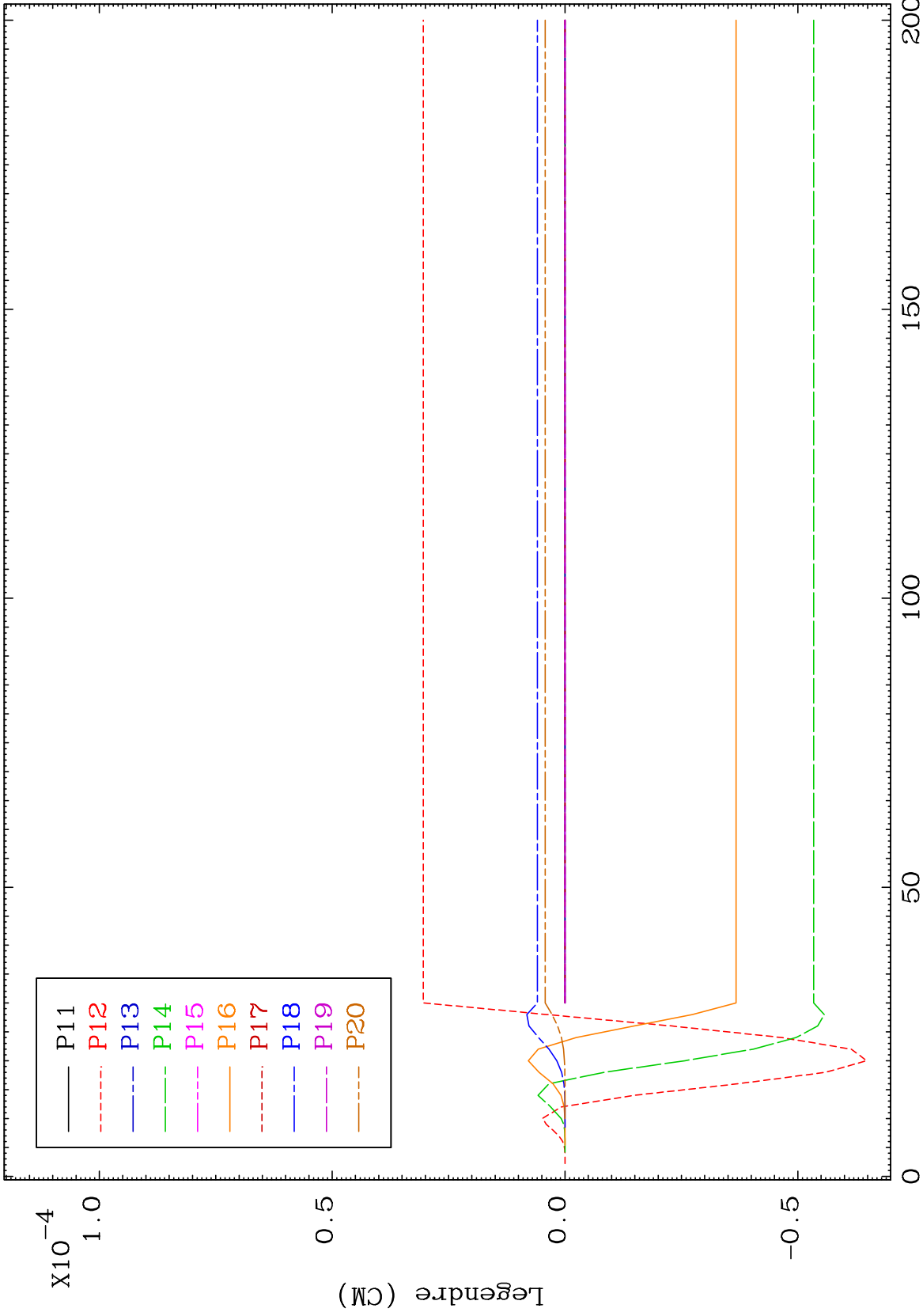
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

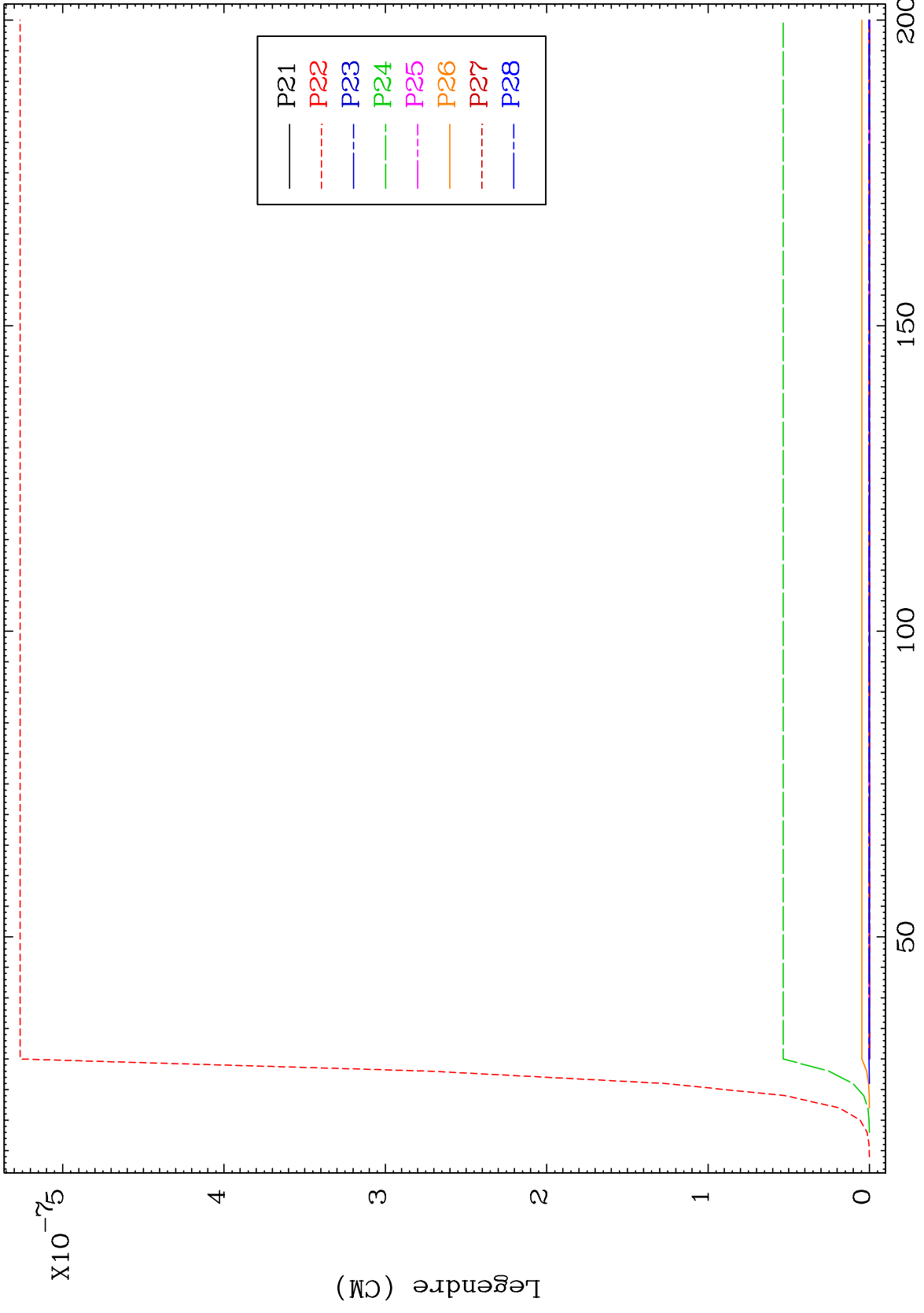


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Incident Energy (MeV)

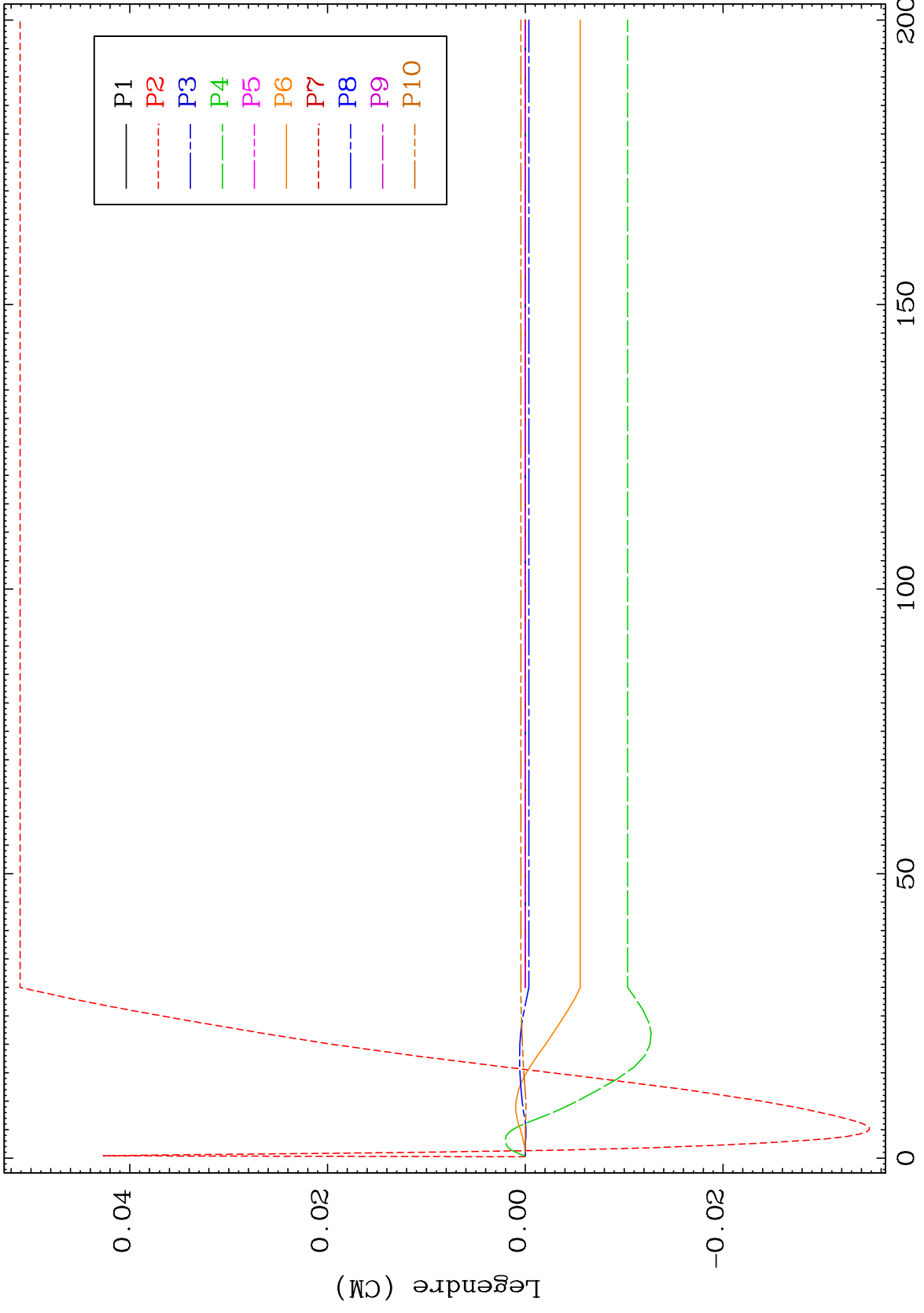
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MAT 6434 MT= 58 (n,n') Level Legendre Coefficients 64-Gd-155



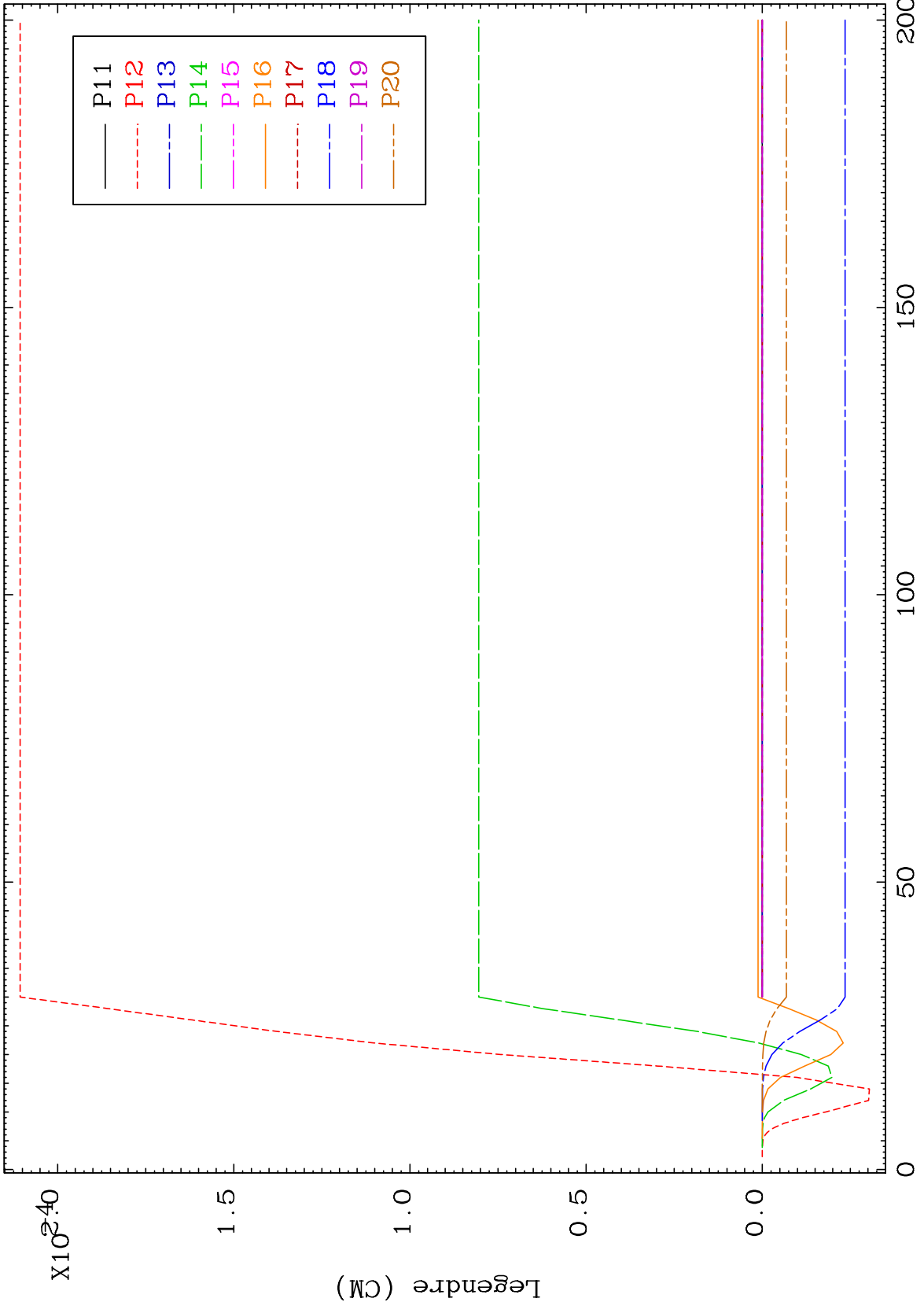
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MAT 6434 MT= 59 (n,n') Level Legendre Coefficients 64-Gd-155



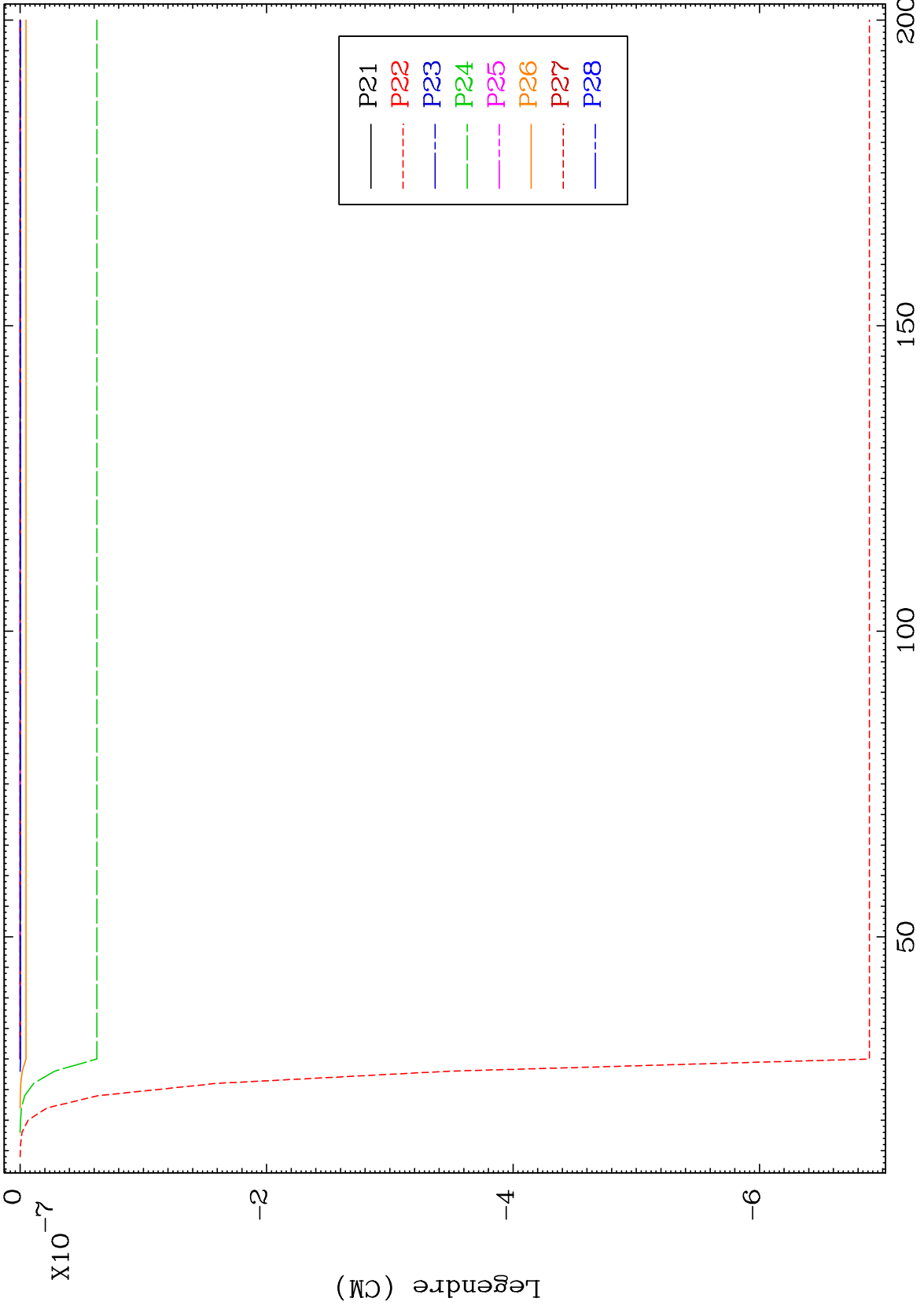
46 64-Gd-155

MAT 6434 MT= 59 (n,n') Level Legendre Coefficients 64-Gd-155



47 64-Gd-155

MAT 6434 MT= 59 (n,n') Level Legendre Coefficients 64-Gd-155

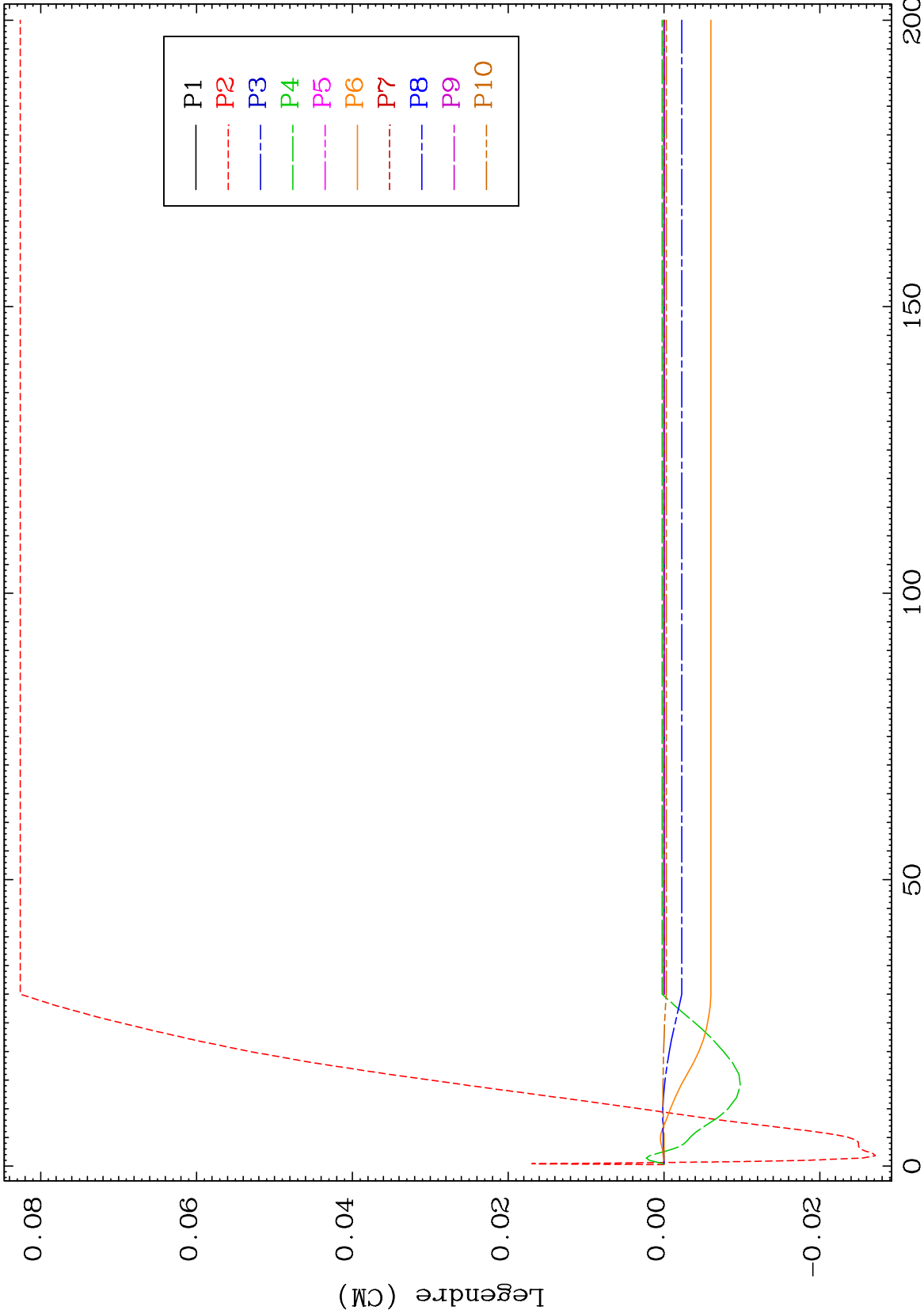


48 64-Gd-155

MAT 6434

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

64-Gd-155



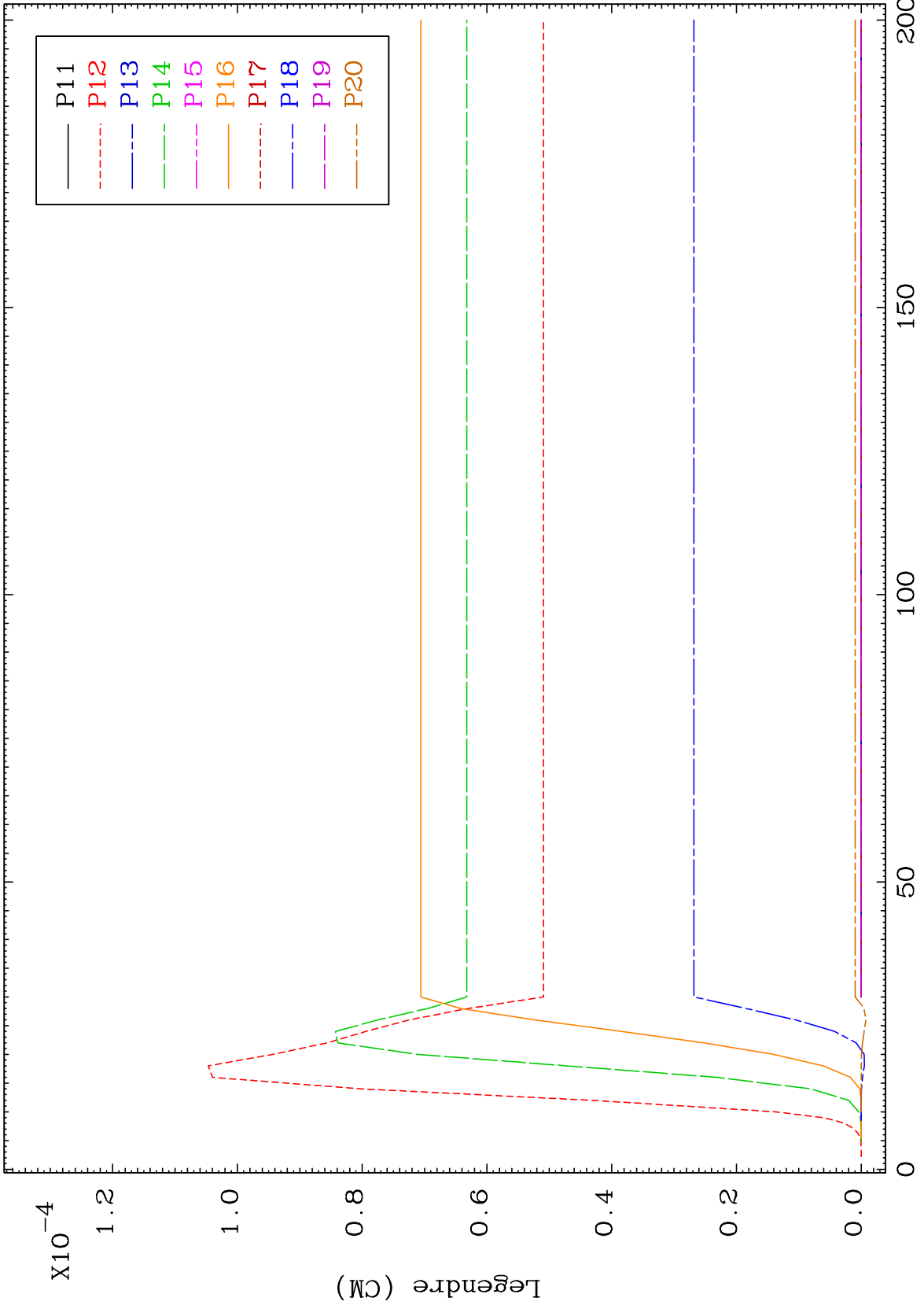
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64-Gd-155

MAT 6434

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

64-Gd-155



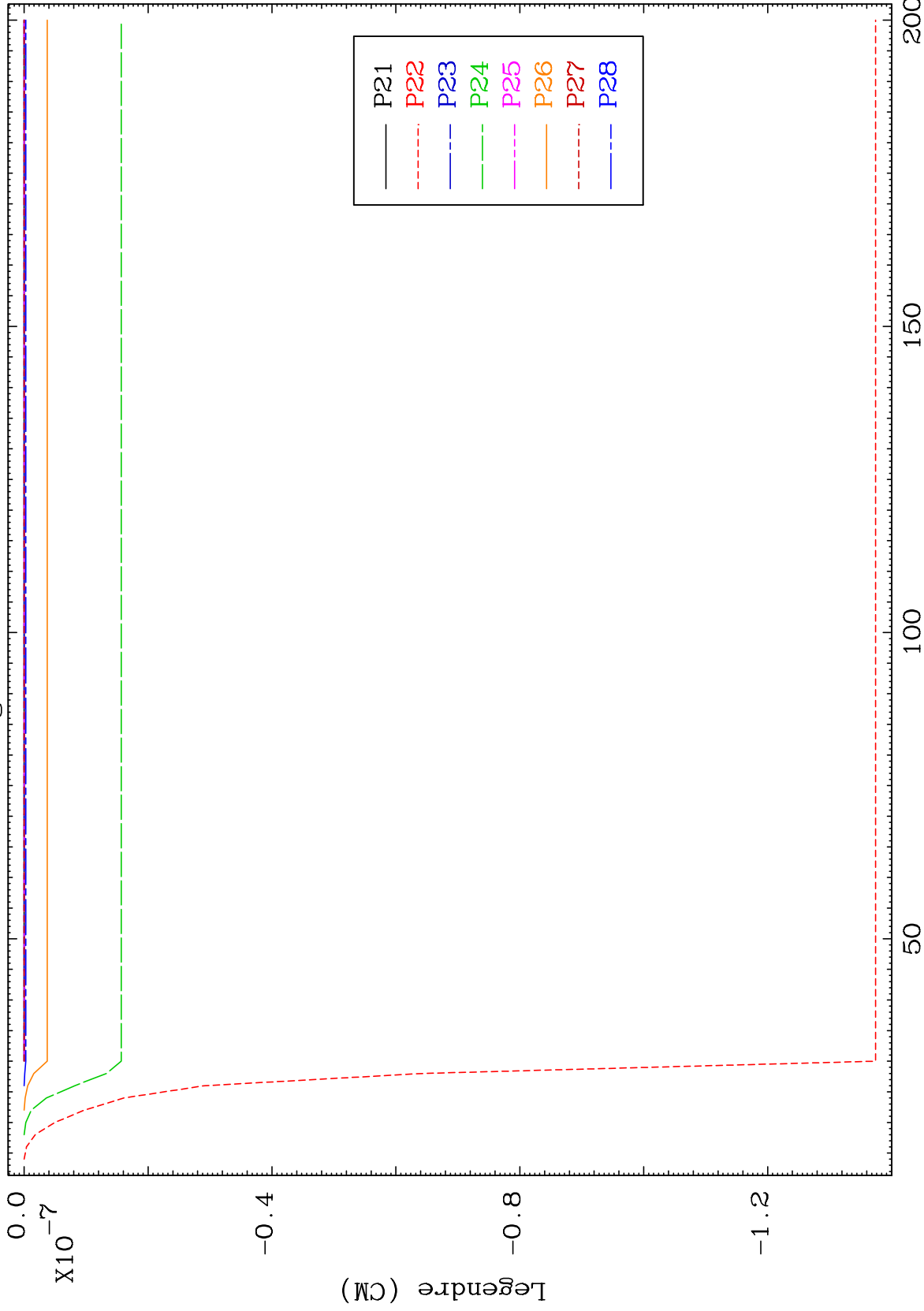
64-Gd-155

Incident Energy (MeV)

MAT 6434

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

64-Gd-155

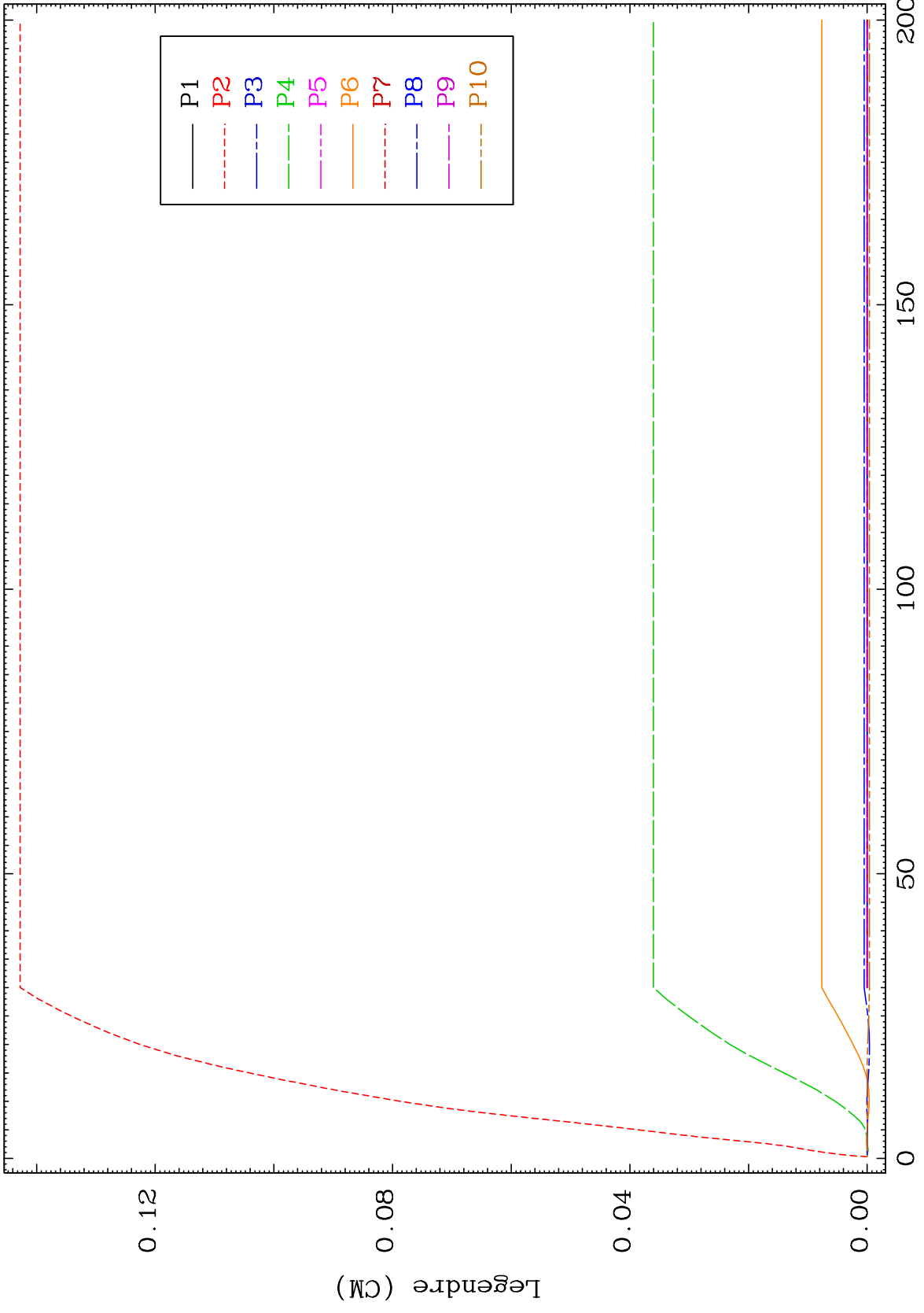


64-Gd-155

Incident Energy (MeV)

51

MAT 6434 MT= 61 (n,n') Level Legendre Coefficients 64-Gd-155

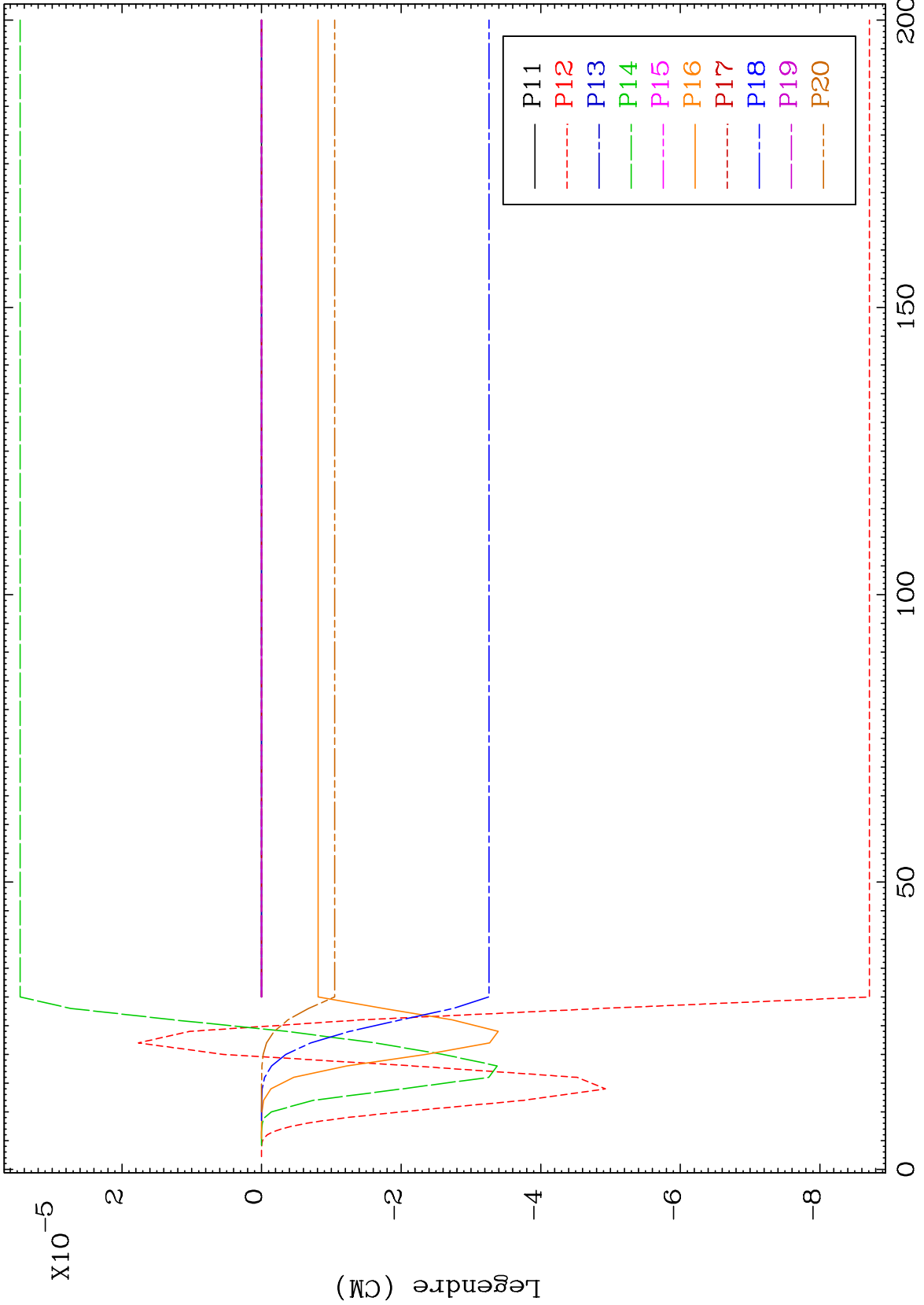


64-Gd-155

MAT 6434

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

64-Gd-155



53

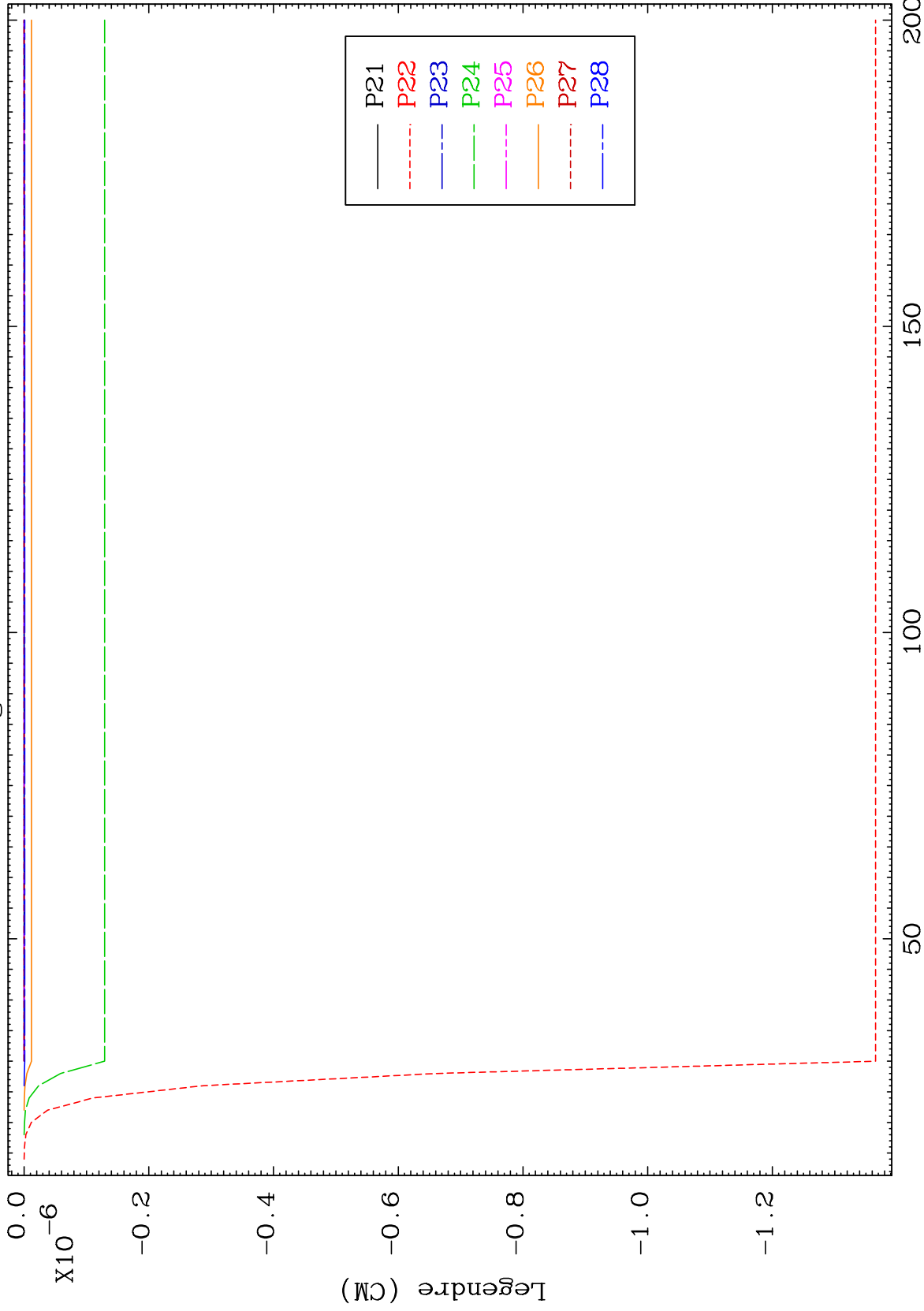
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

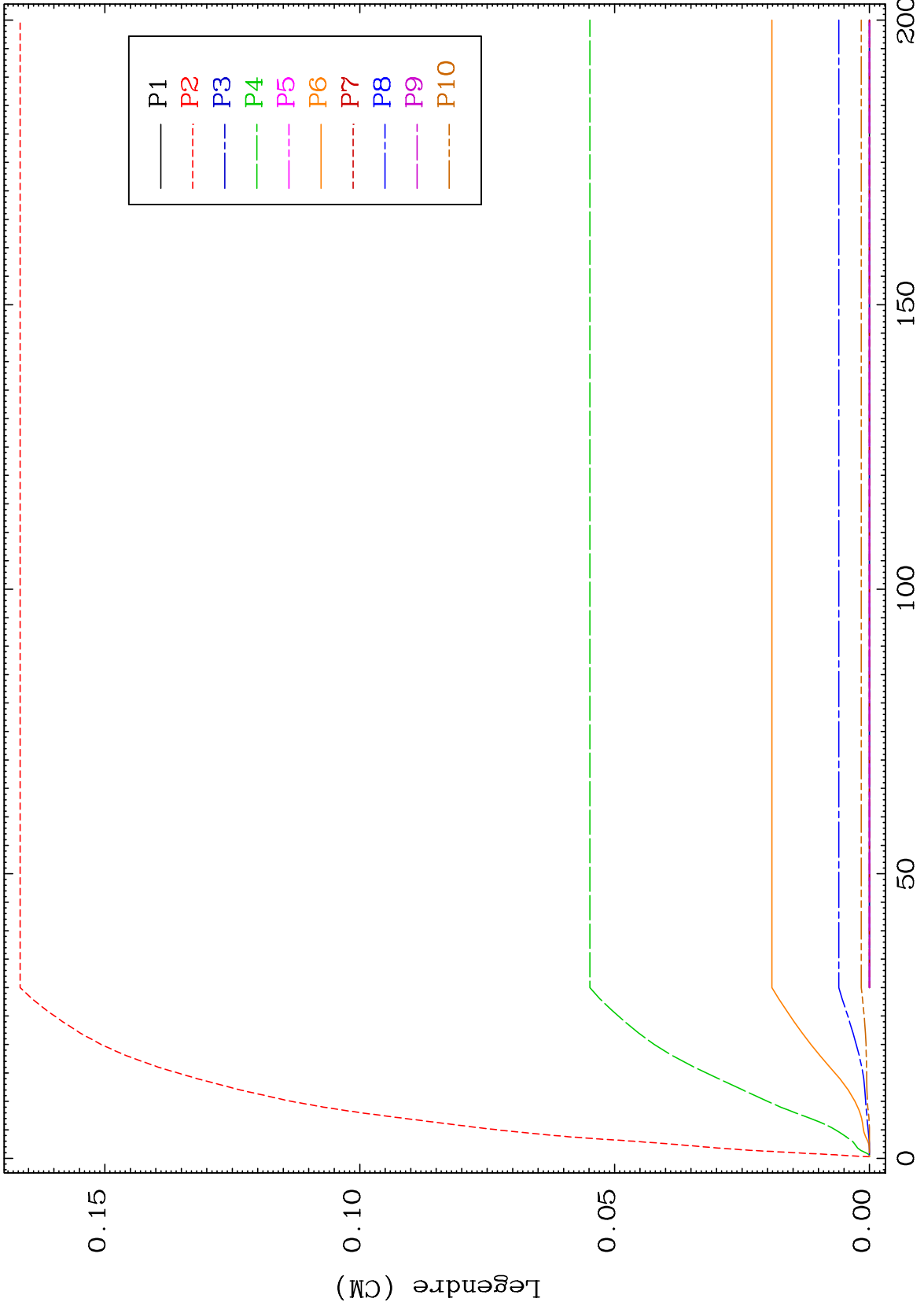


64-Gd-155

Incident Energy (MeV)

54

MAT 6434 MT= 62 (n,n') Level Legendre Coefficients 64-Gd-155

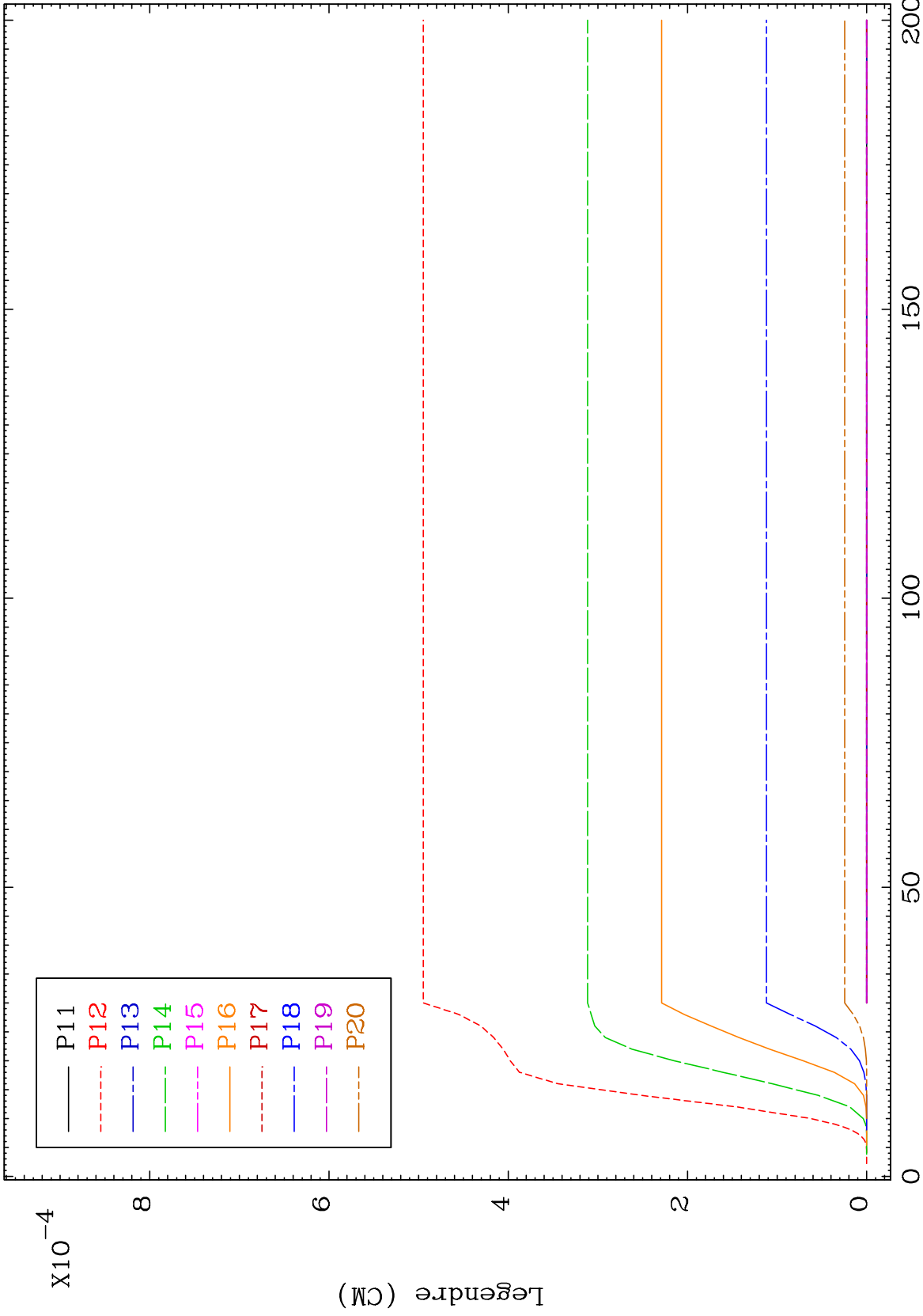


64-Gd-155

MAT 6434

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

64-Gd-155



56

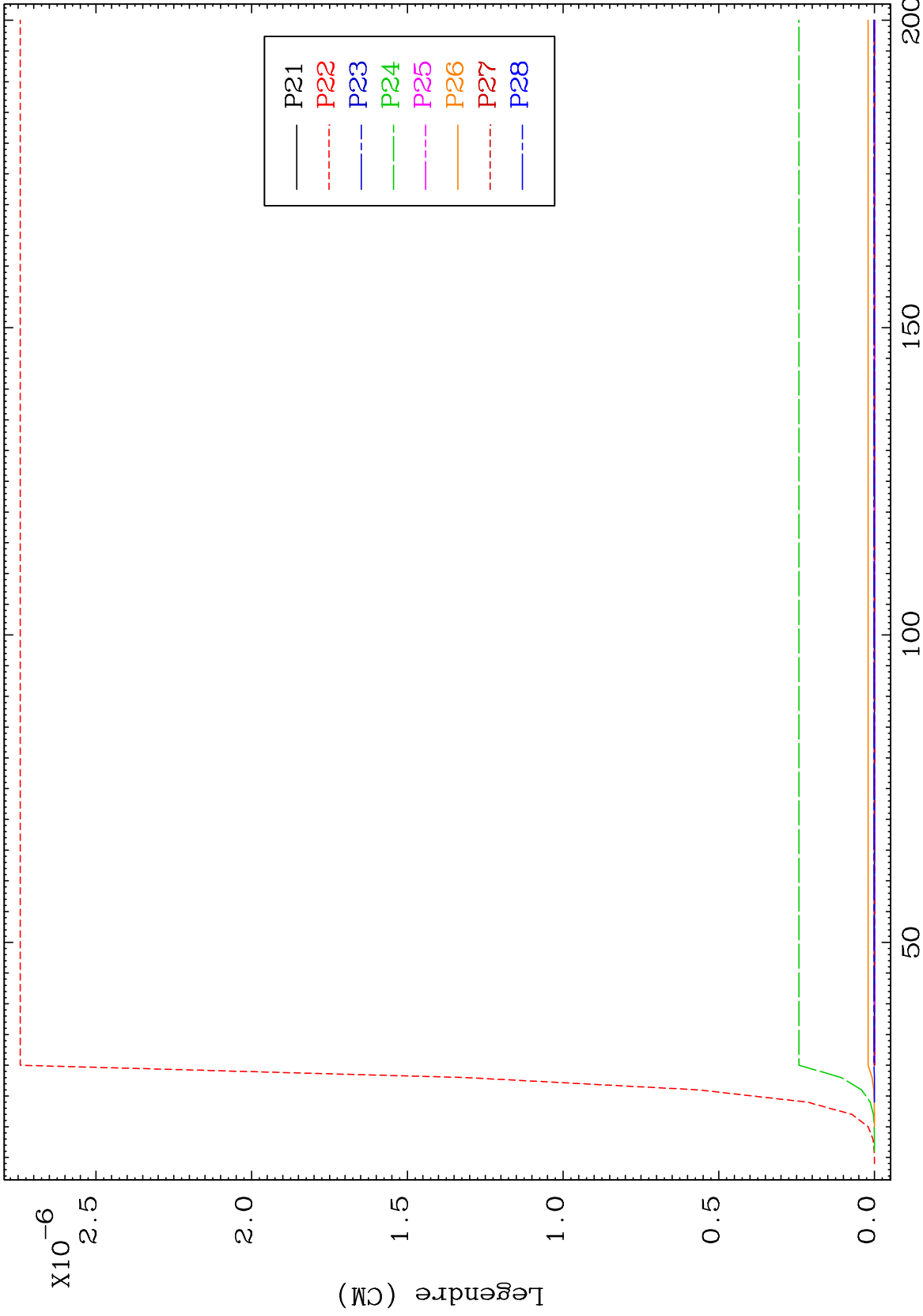
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



57

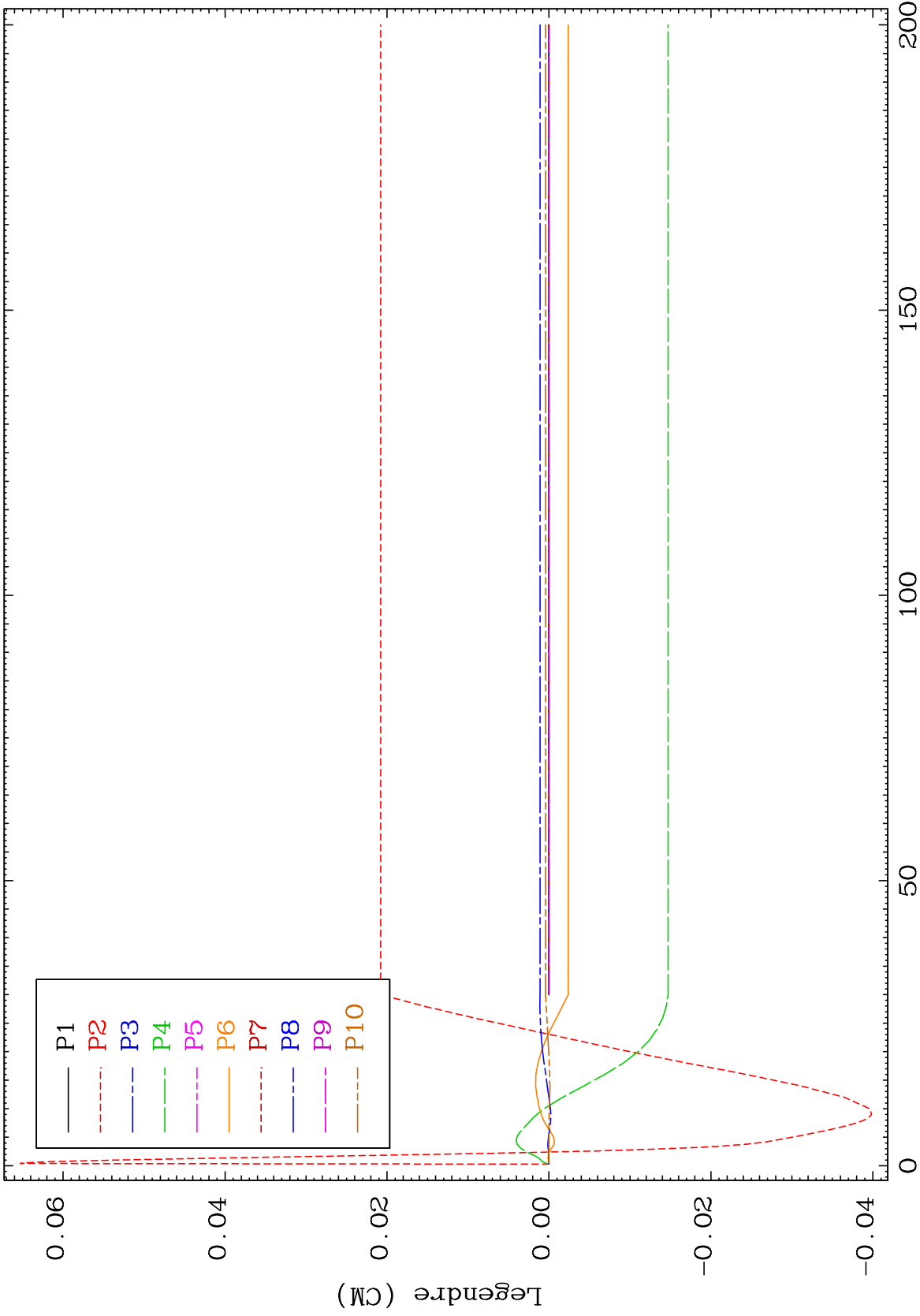
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



58

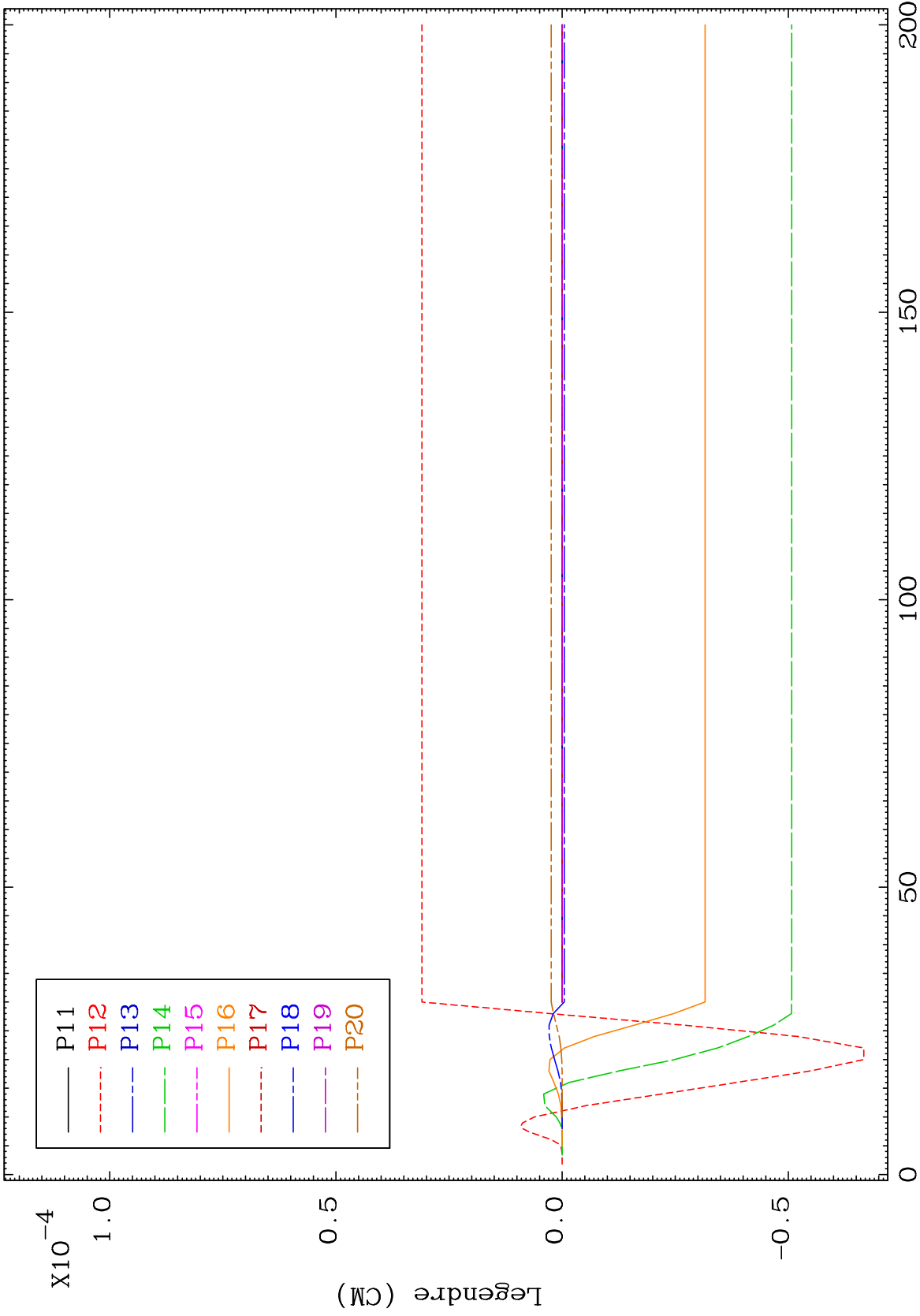
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

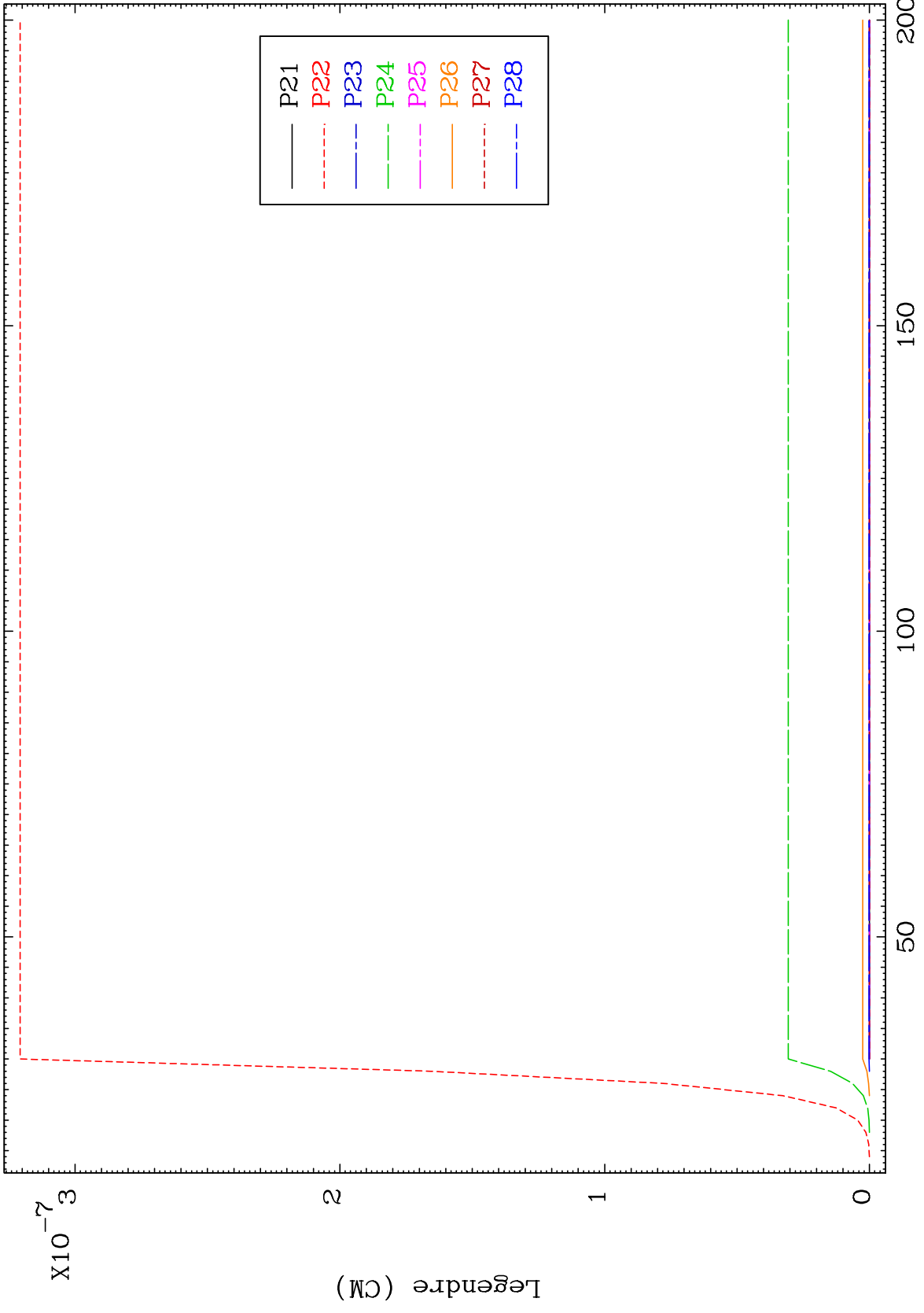


59

Incident Energy (MeV)

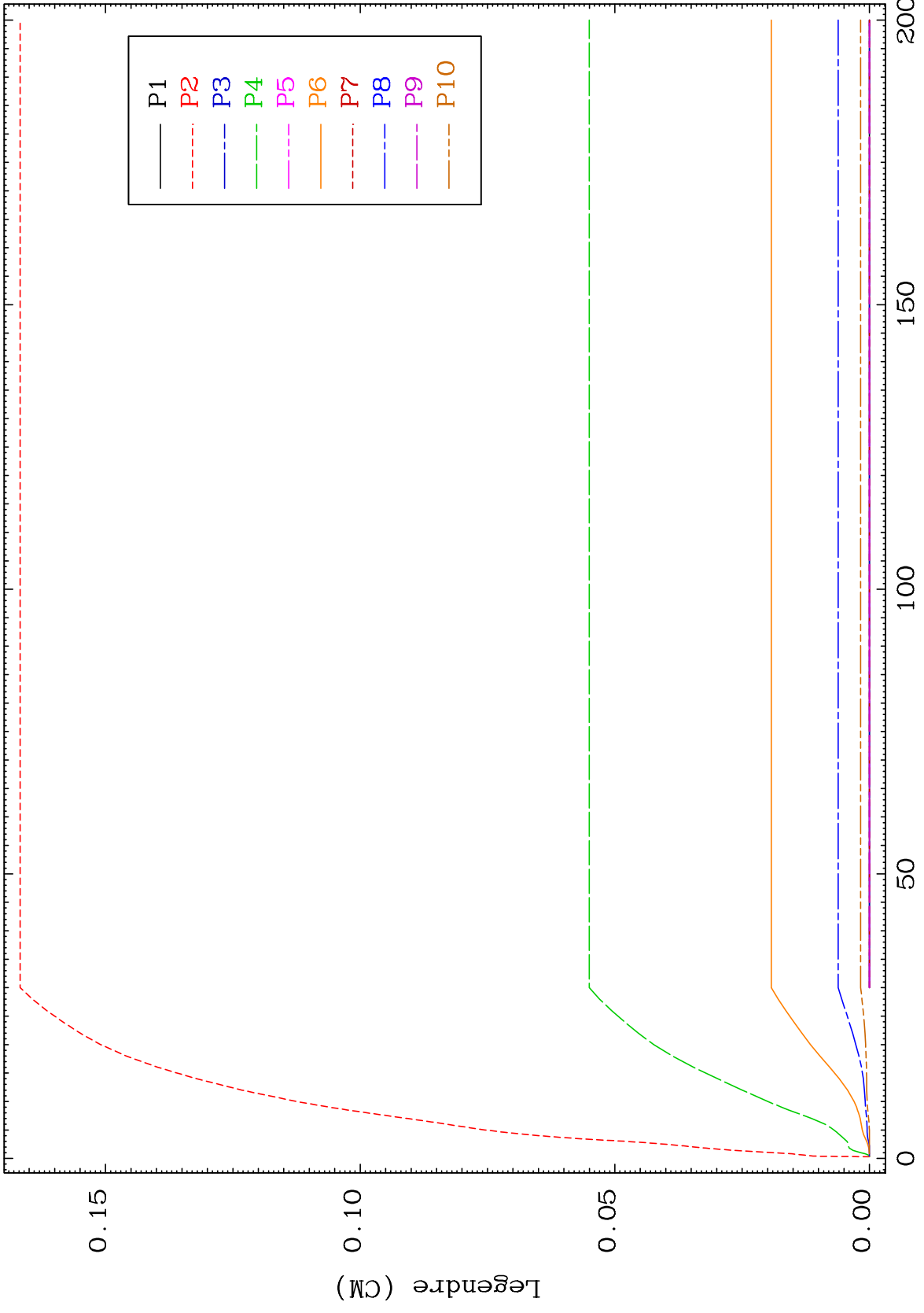
64-Gd-155

MAT 6434 MT= 63 (n,n') Level Legendre Coefficients 64-Gd-155



64-Gd-155

MAT 6434 MT= 64 (n,n') Level Legendre Coefficients 64-Gd-155

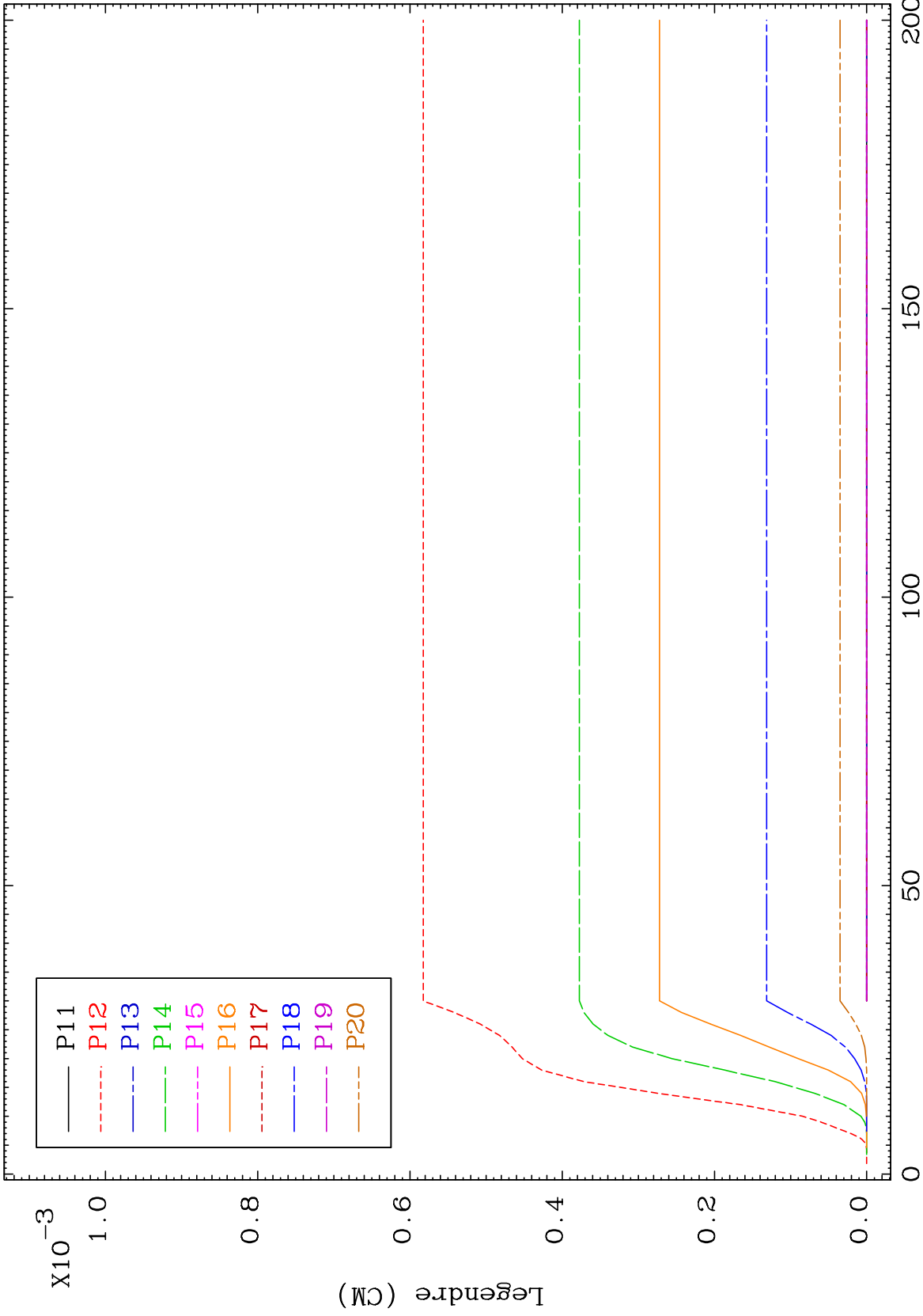


61 64-Gd-155

MAT 6434

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

64-Gd-155

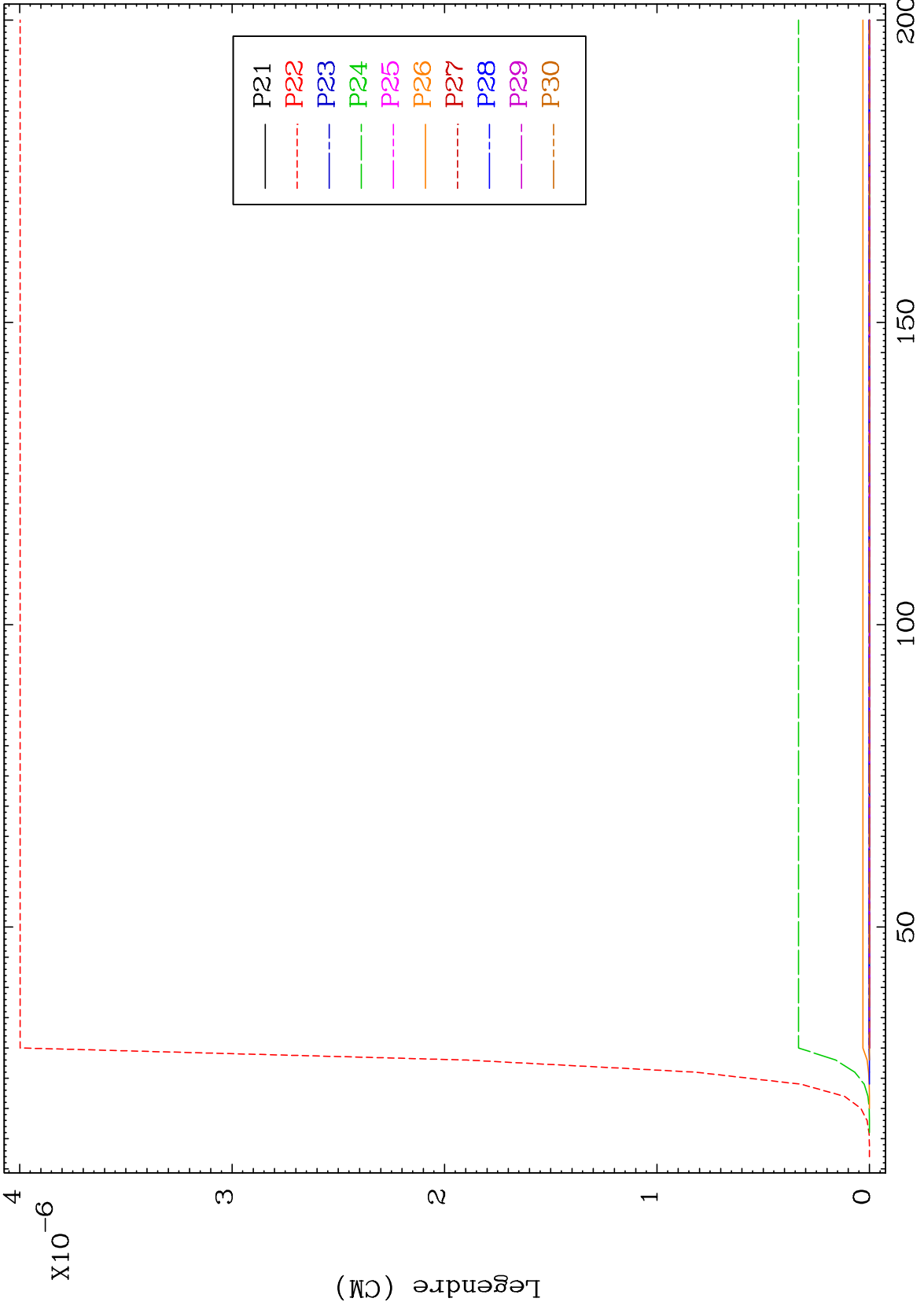


62

Incident Energy (MeV)

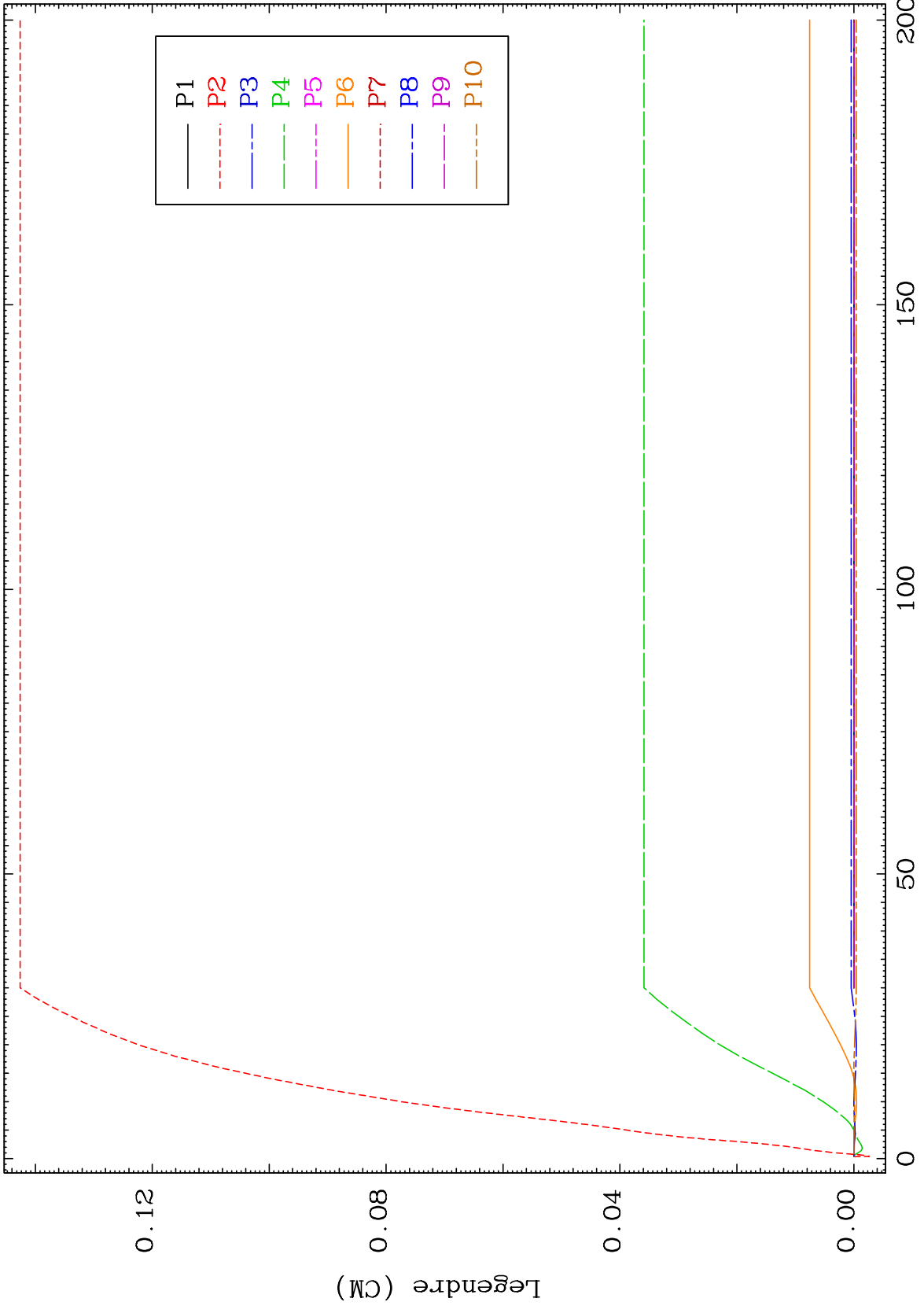
64-Gd-155

MAT 6434 MT= 64 (n,n') Level Legendre Coefficients 64-Gd-155



63 64-Gd-155

MAT 6434 MT= 65 (n,n') Level Legendre Coefficients 64-Gd-155

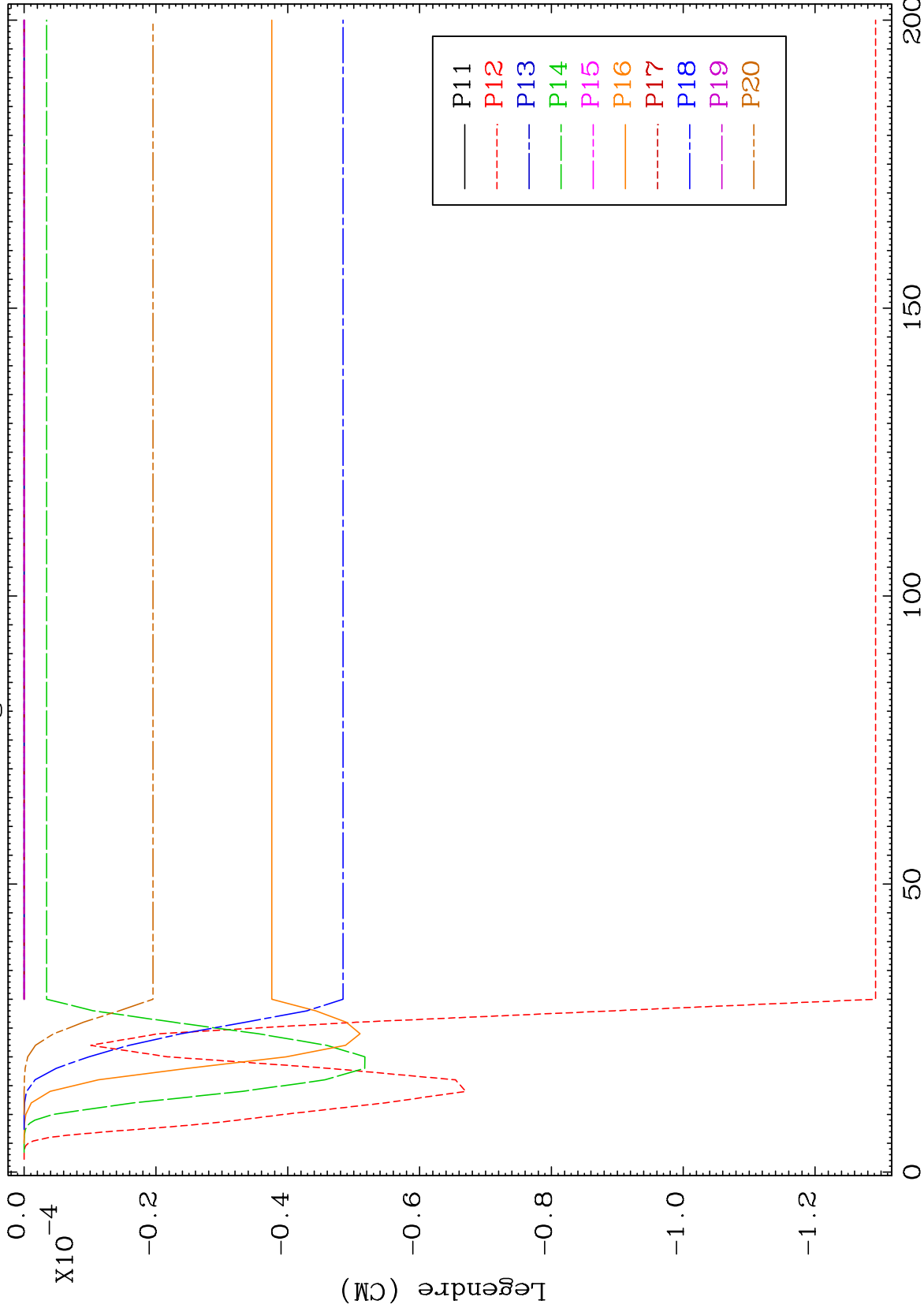


64 64-Gd-155 Incident Energy (MeV)

MAT 6434

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

64-Gd-155



65

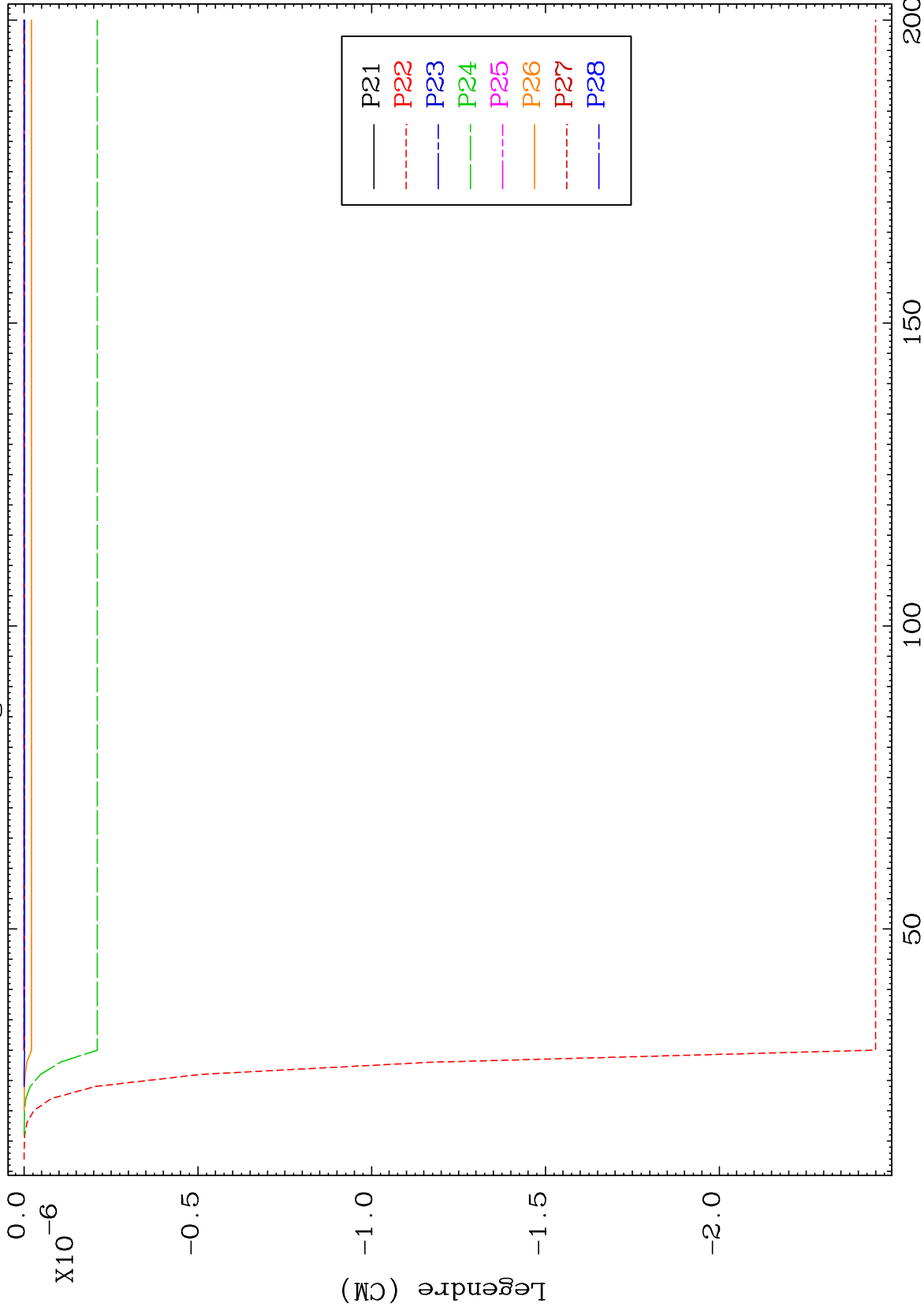
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

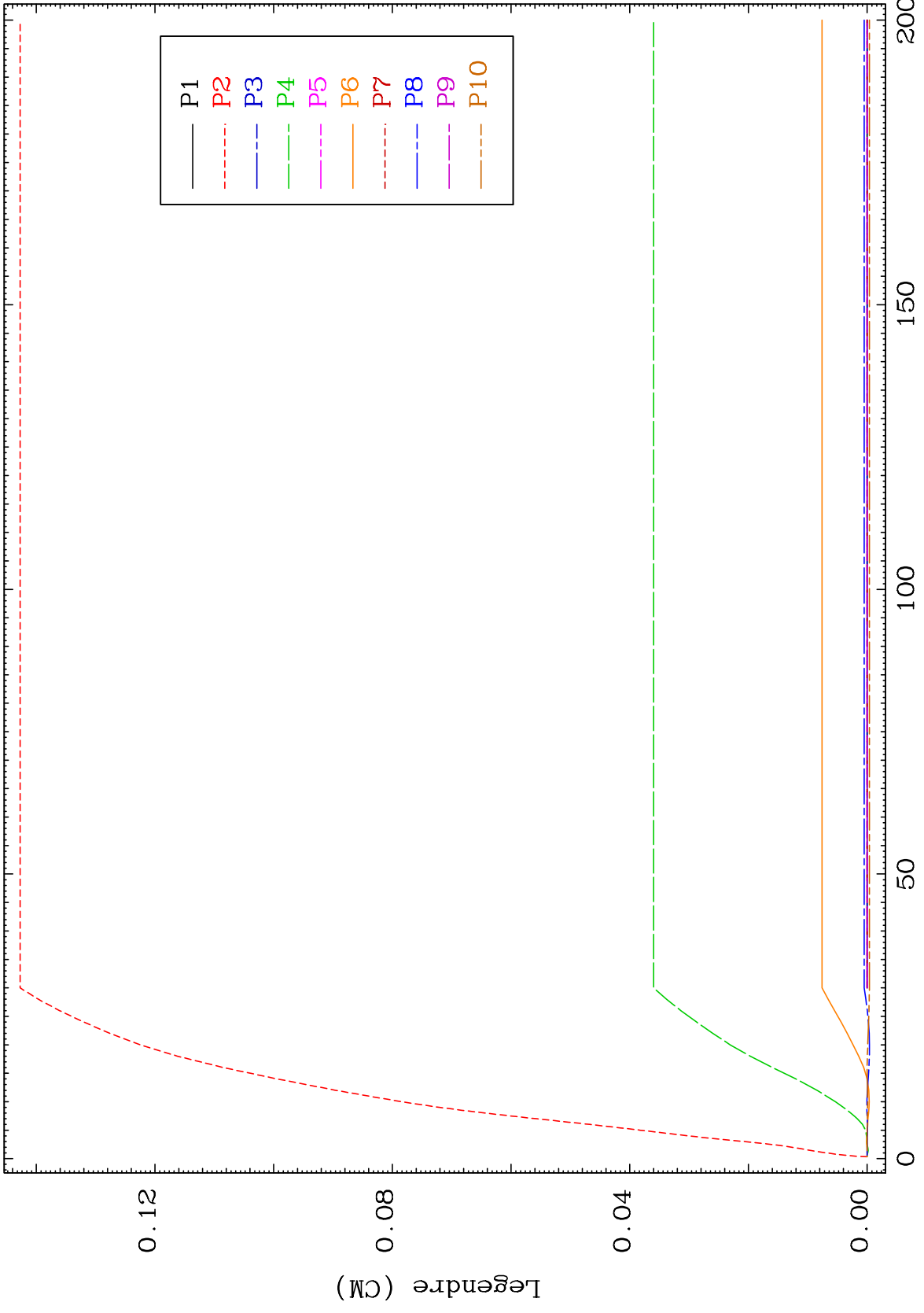


66

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 66 (n,n') Level Legendre Coefficients 64-Gd-155

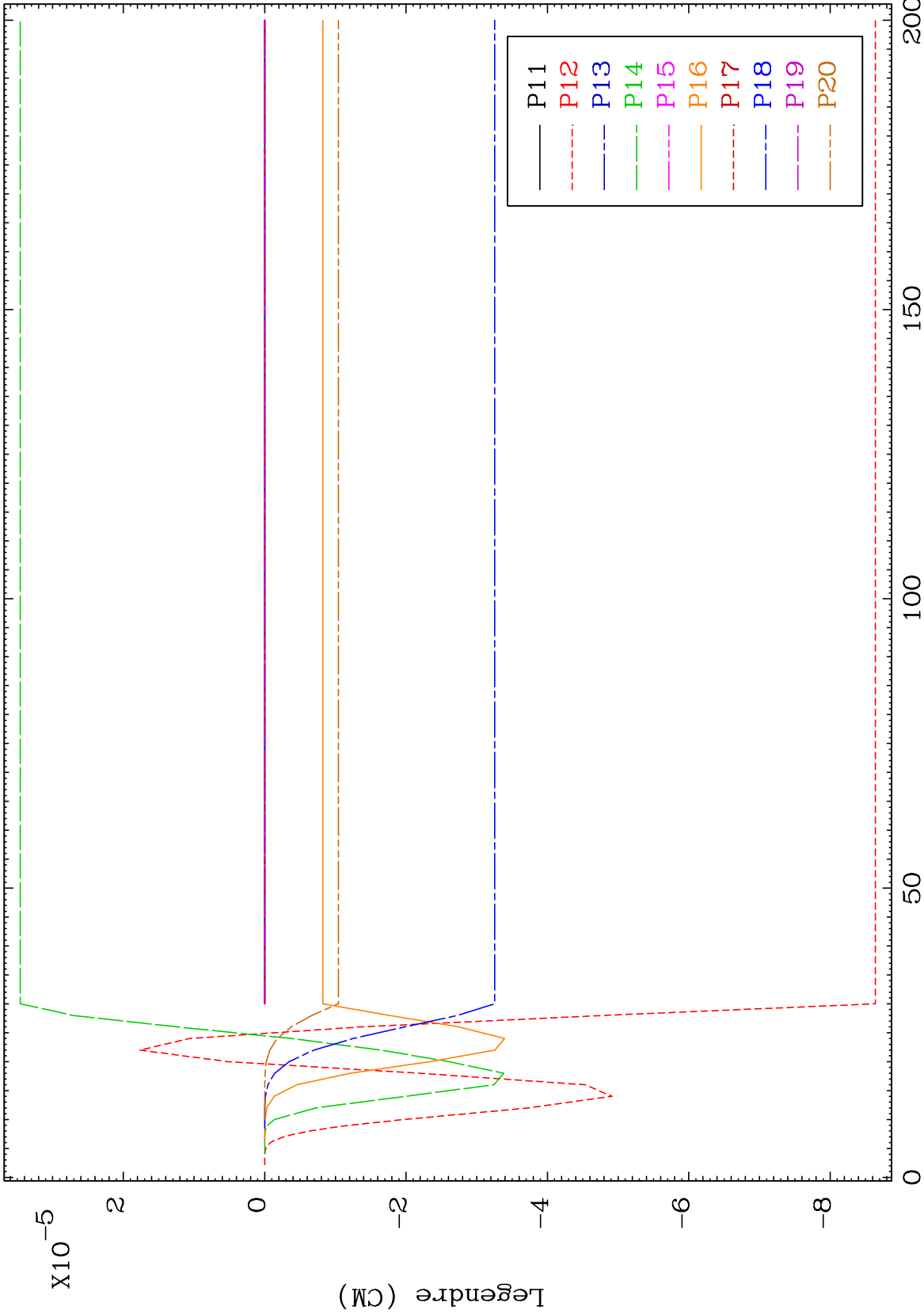


67 64-Gd-155

MAT 6434

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

64-Gd-155



68

Incident Energy (MeV)

64-Gd-155

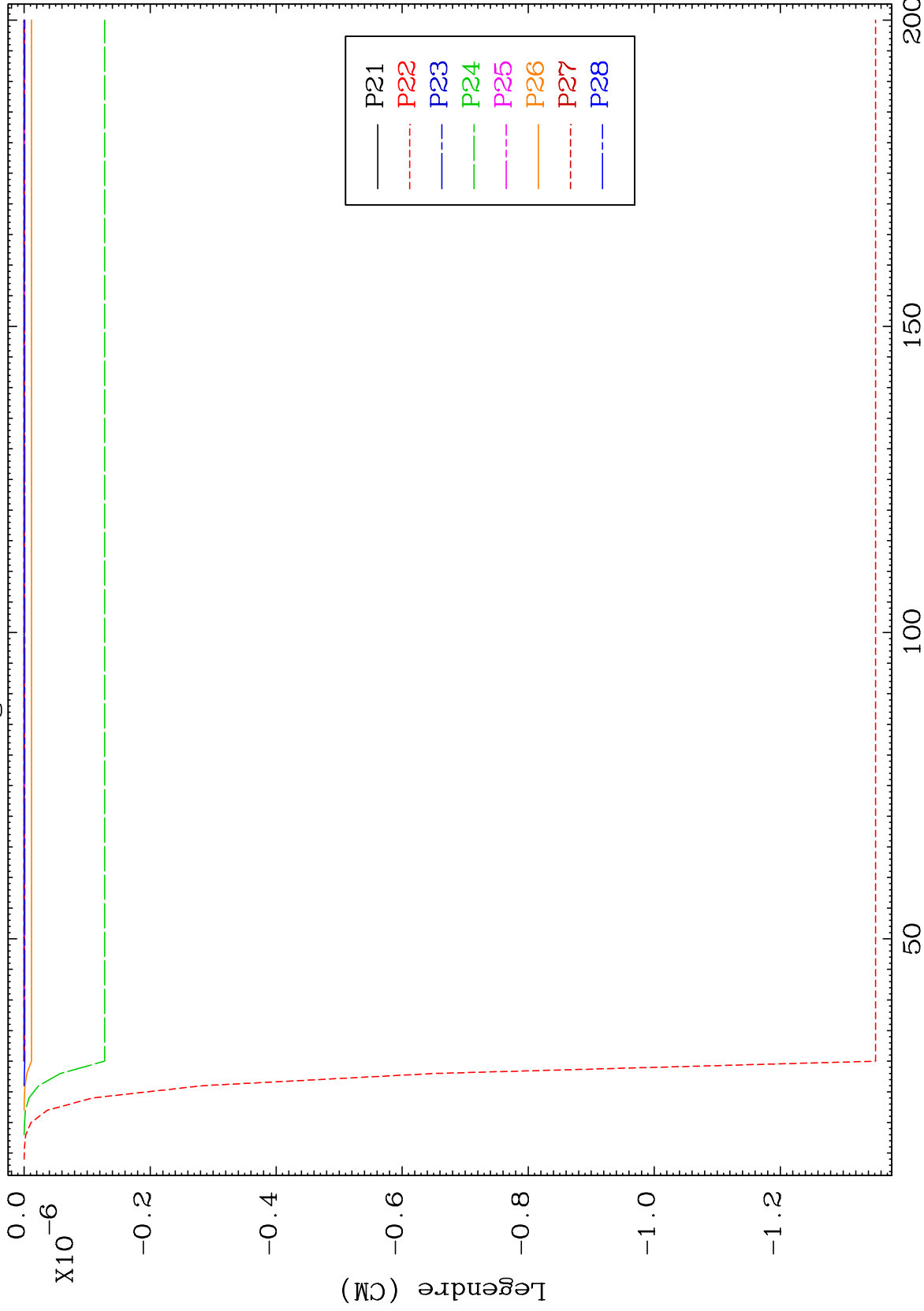
MAT 6434

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

64-Gd-155

Incident Energy (MeV)

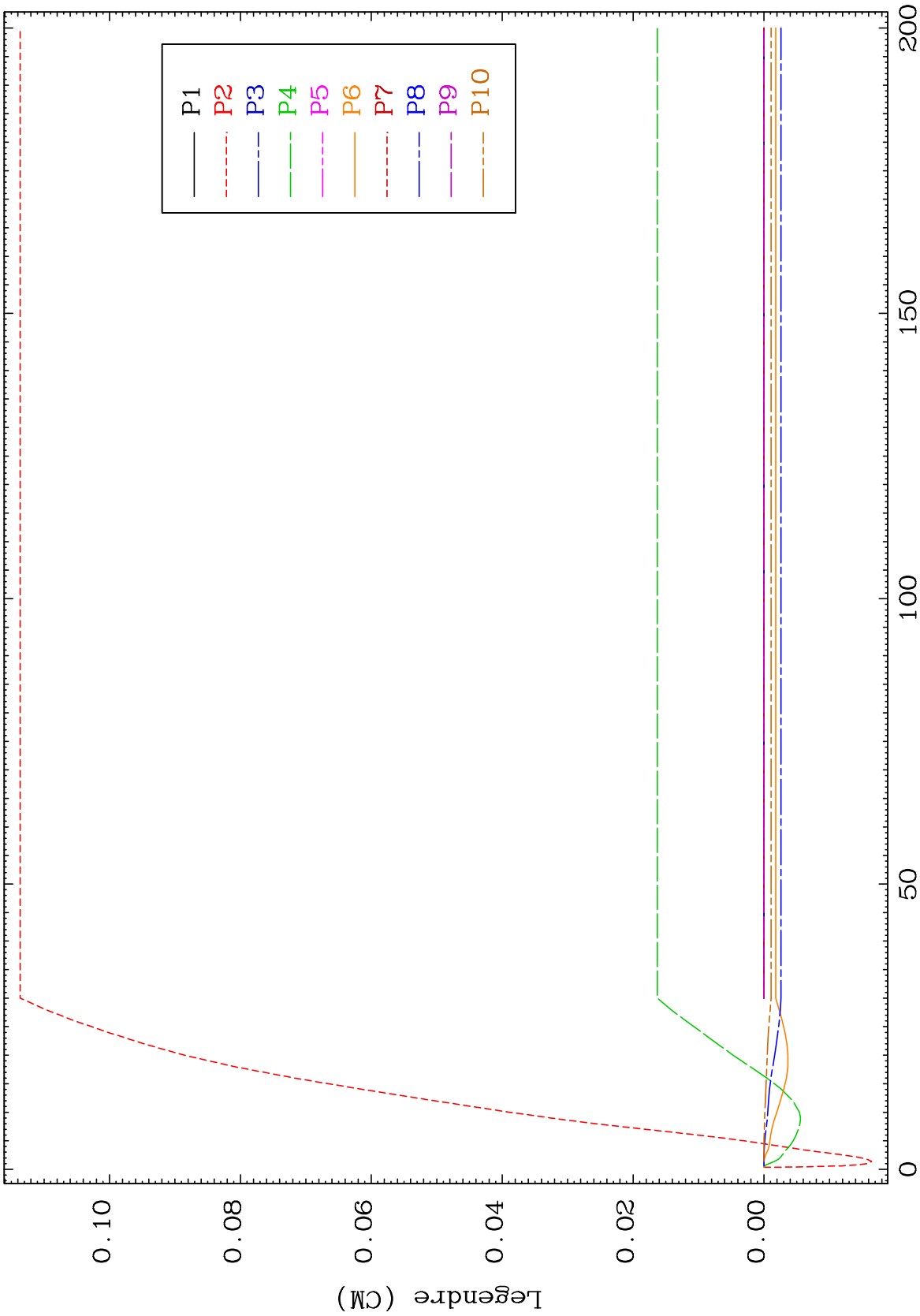
69



MAT 6434

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

64-Gd-155



70

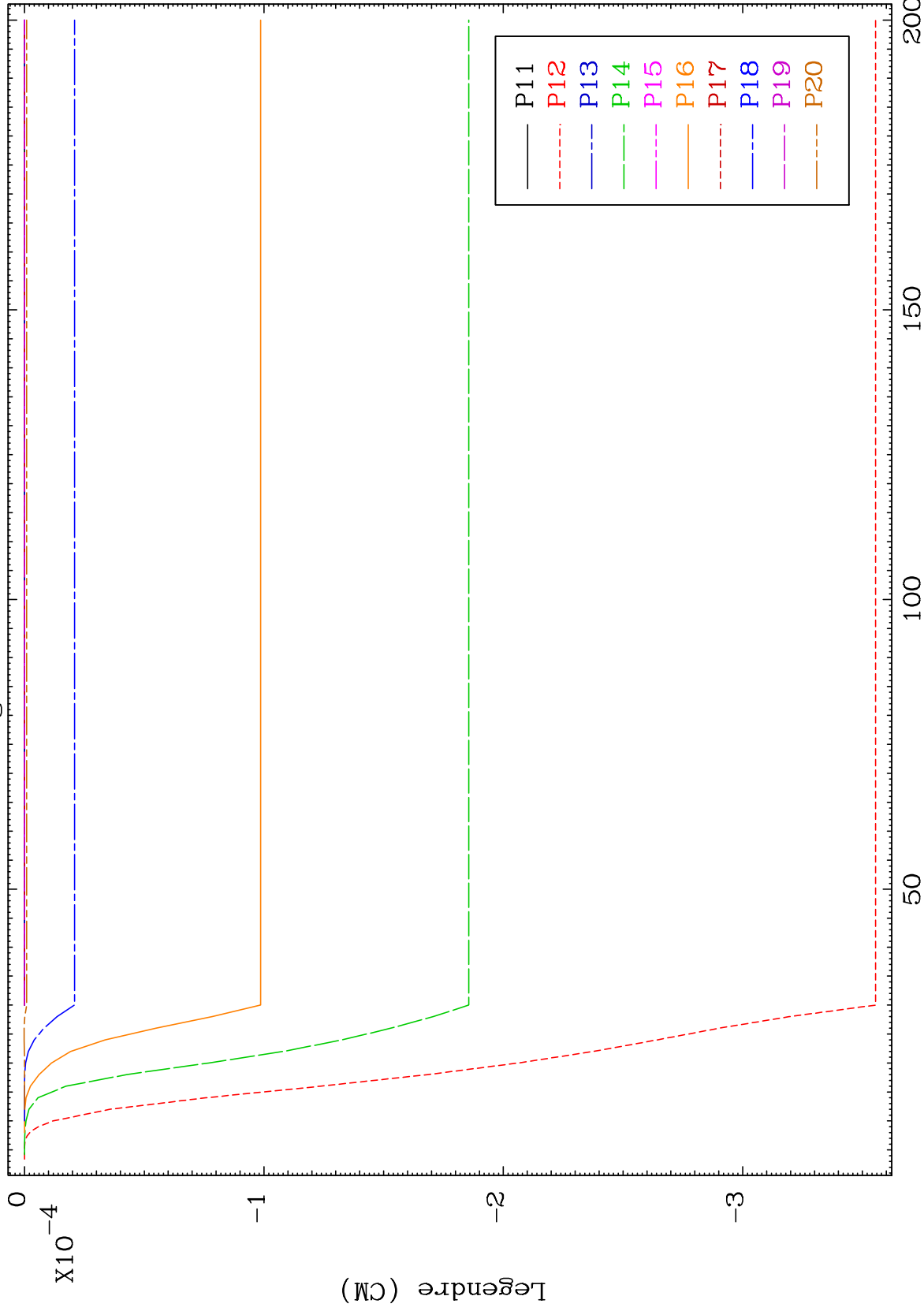
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



71

Incident Energy (MeV)

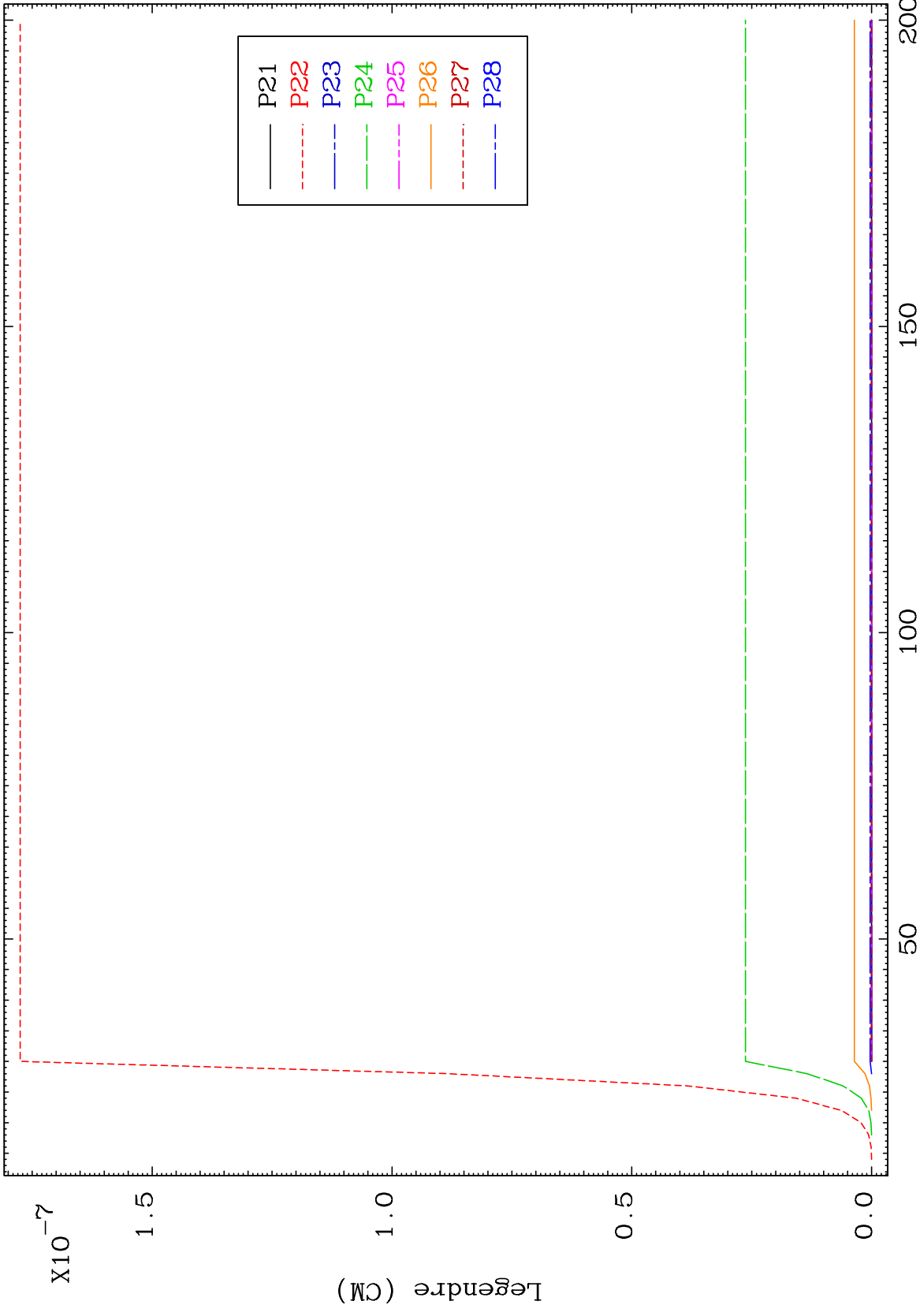
64-Gd-155

MAT 6434

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

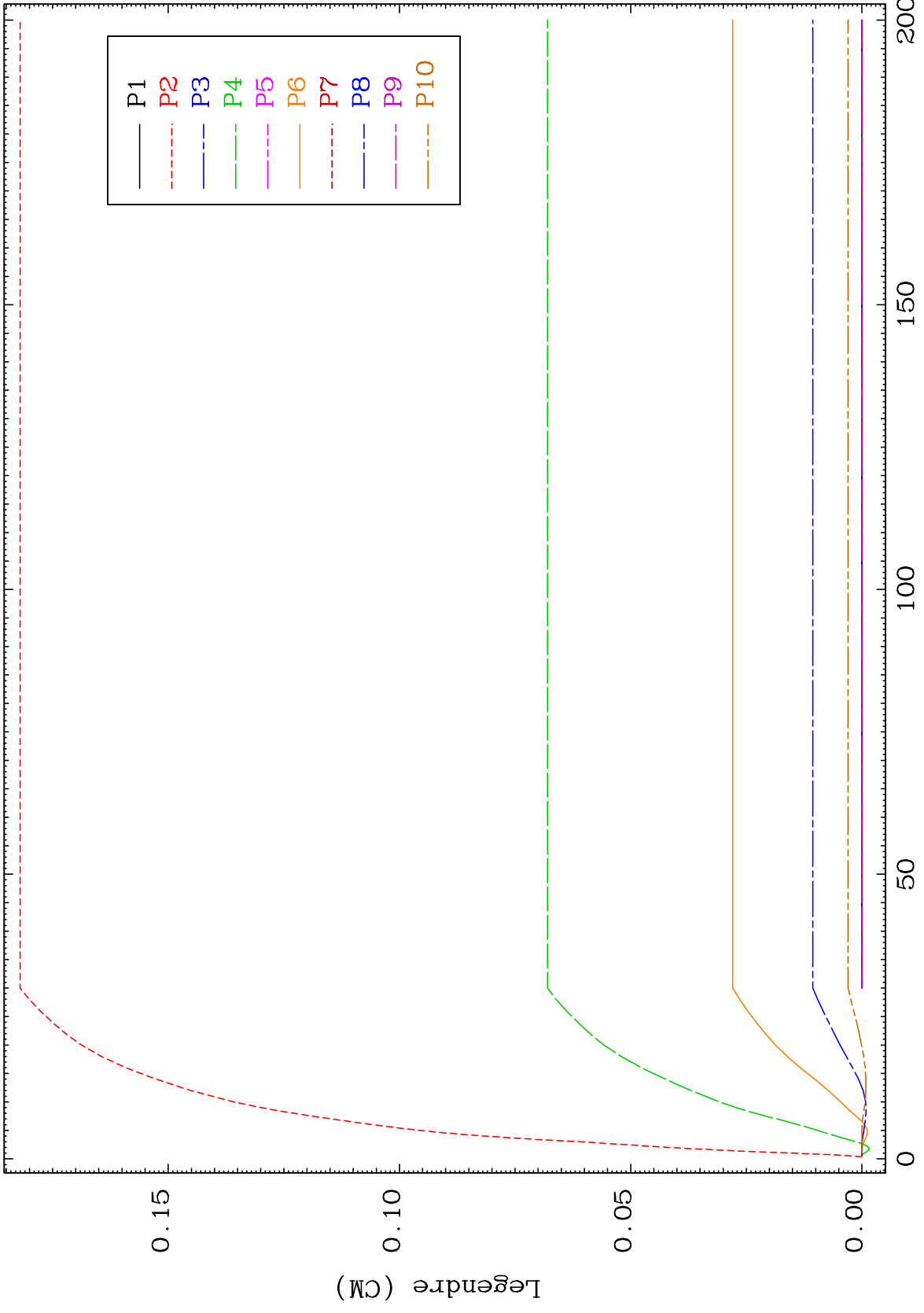
64-Gd-155

64-Gd-155



72

MAT 6434 MT= 68 (n,n') Level Legendre Coefficients 64-Gd-155

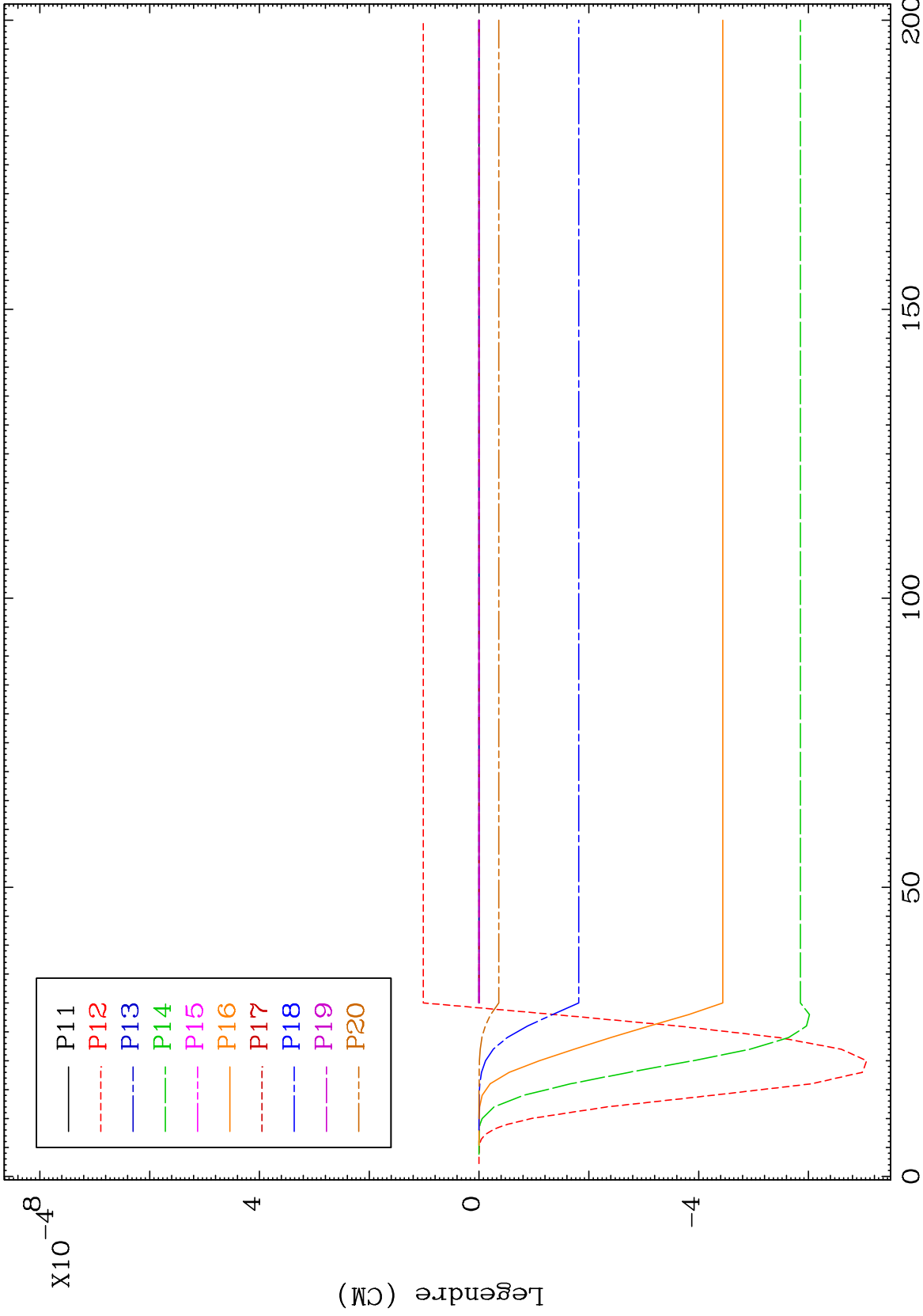


73 64-Gd-155

MAT 6434

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

64-Gd-155

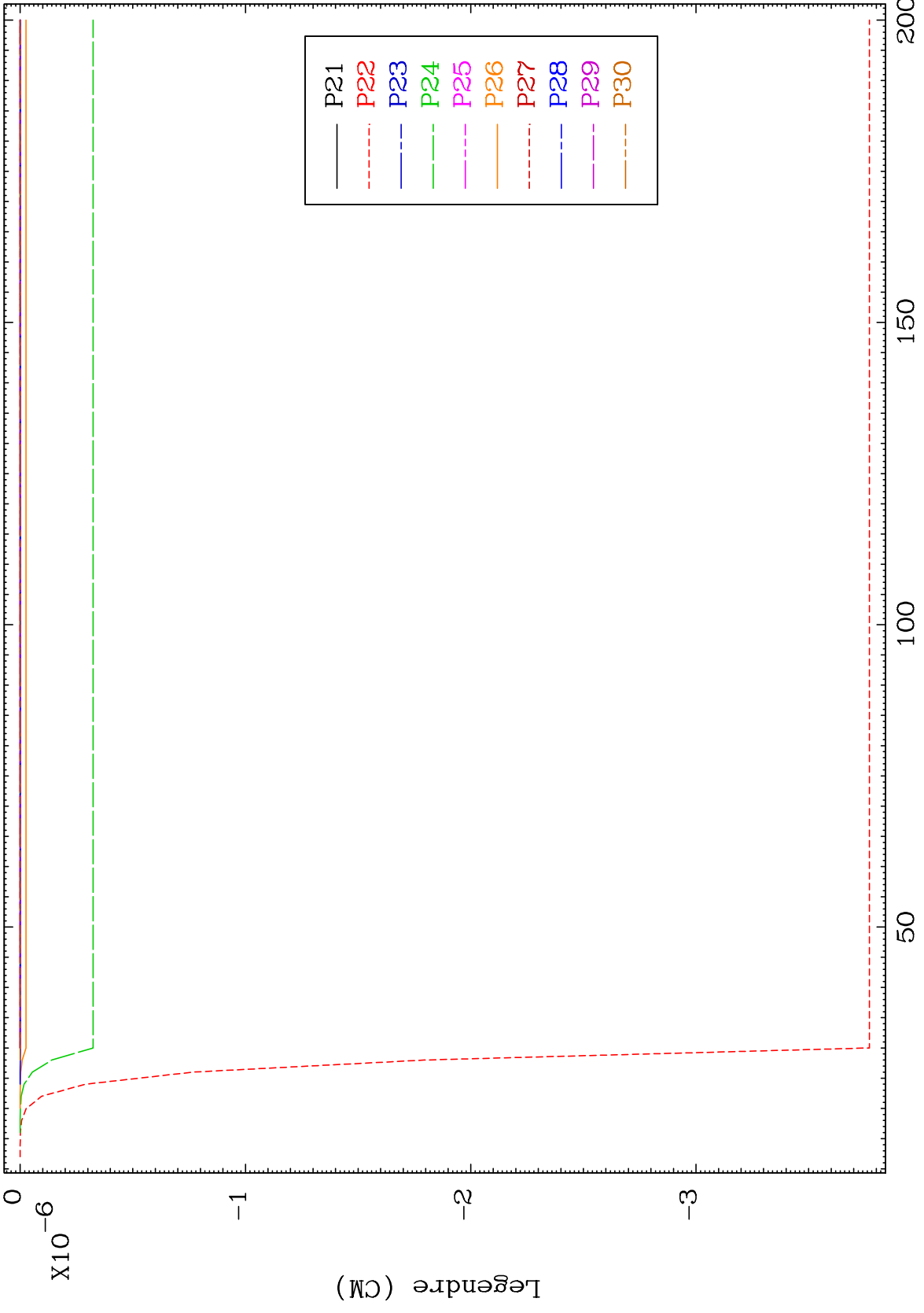


74

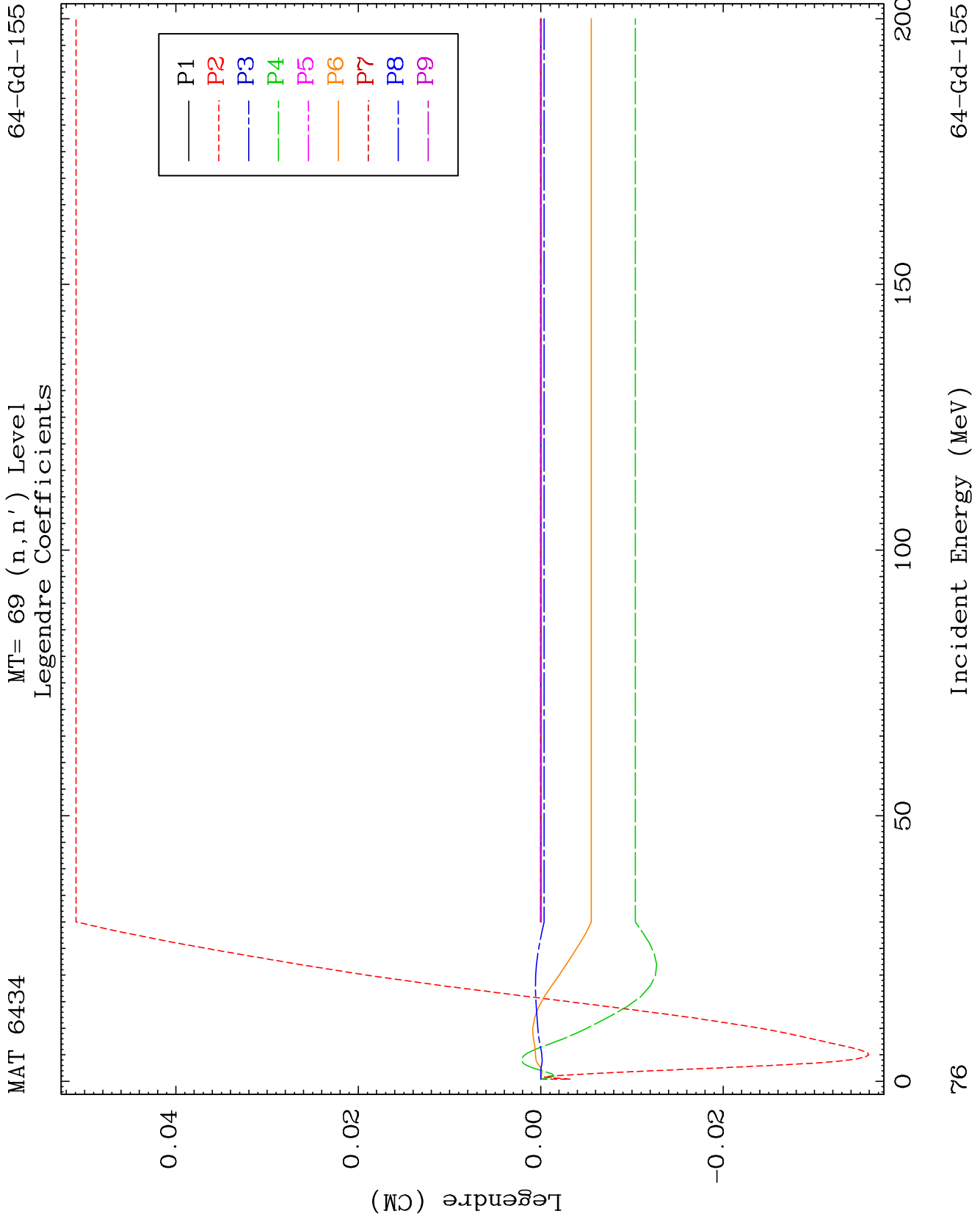
Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 68 (n,n') Level Legendre Coefficients 64-Gd-155



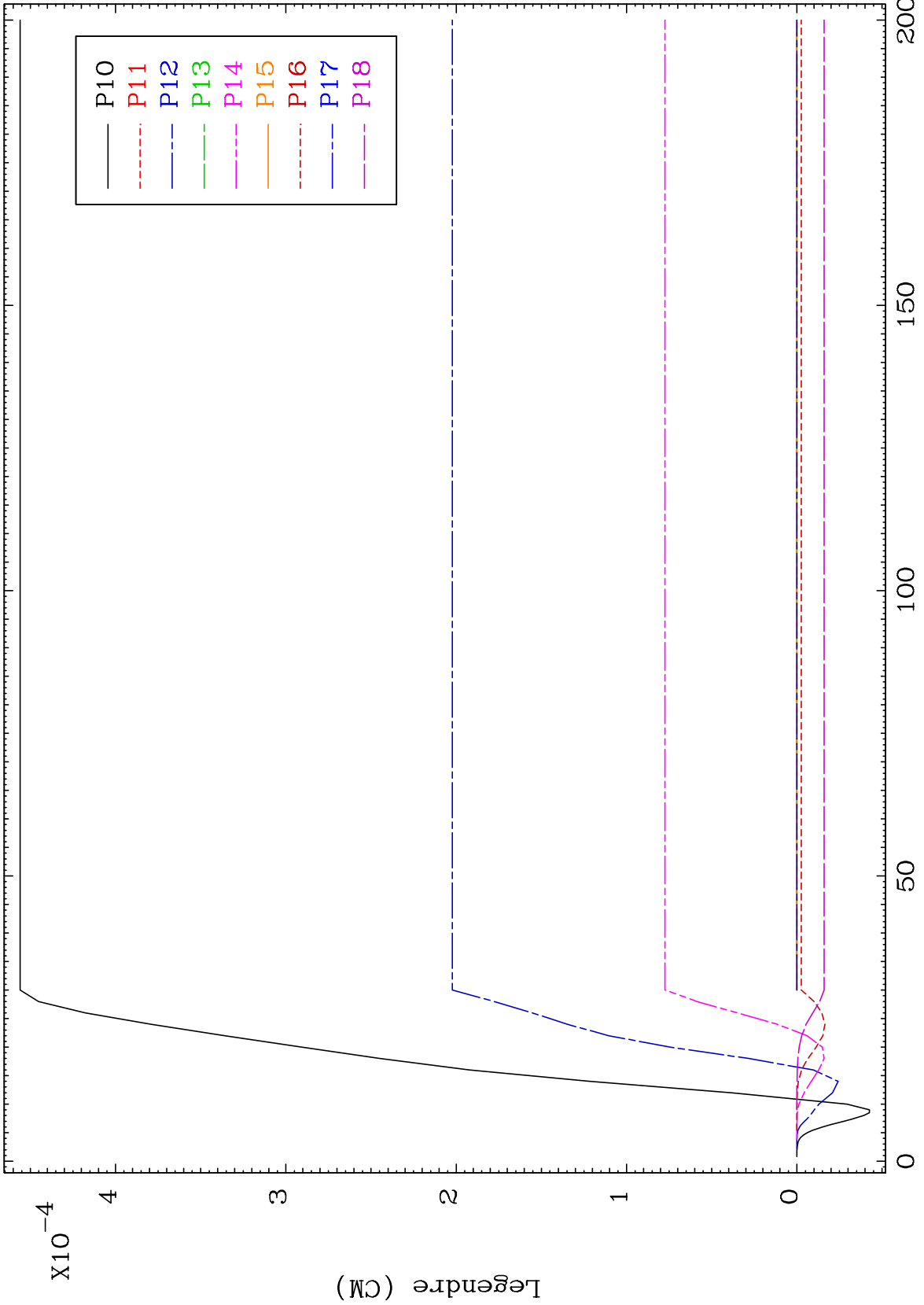
75 100 150 200 64-Gd-155



MAT 6434

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

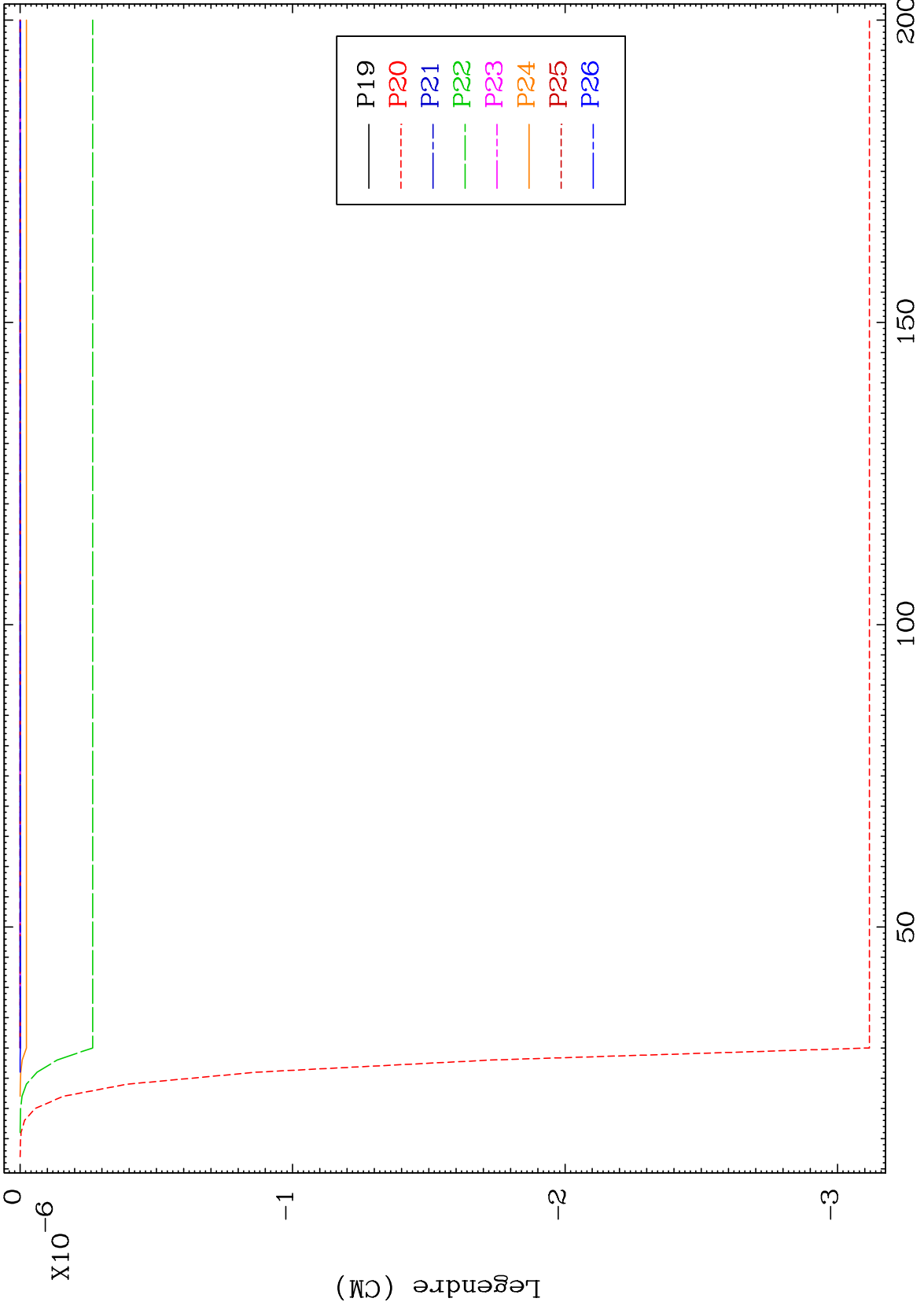
64-Gd-155



77

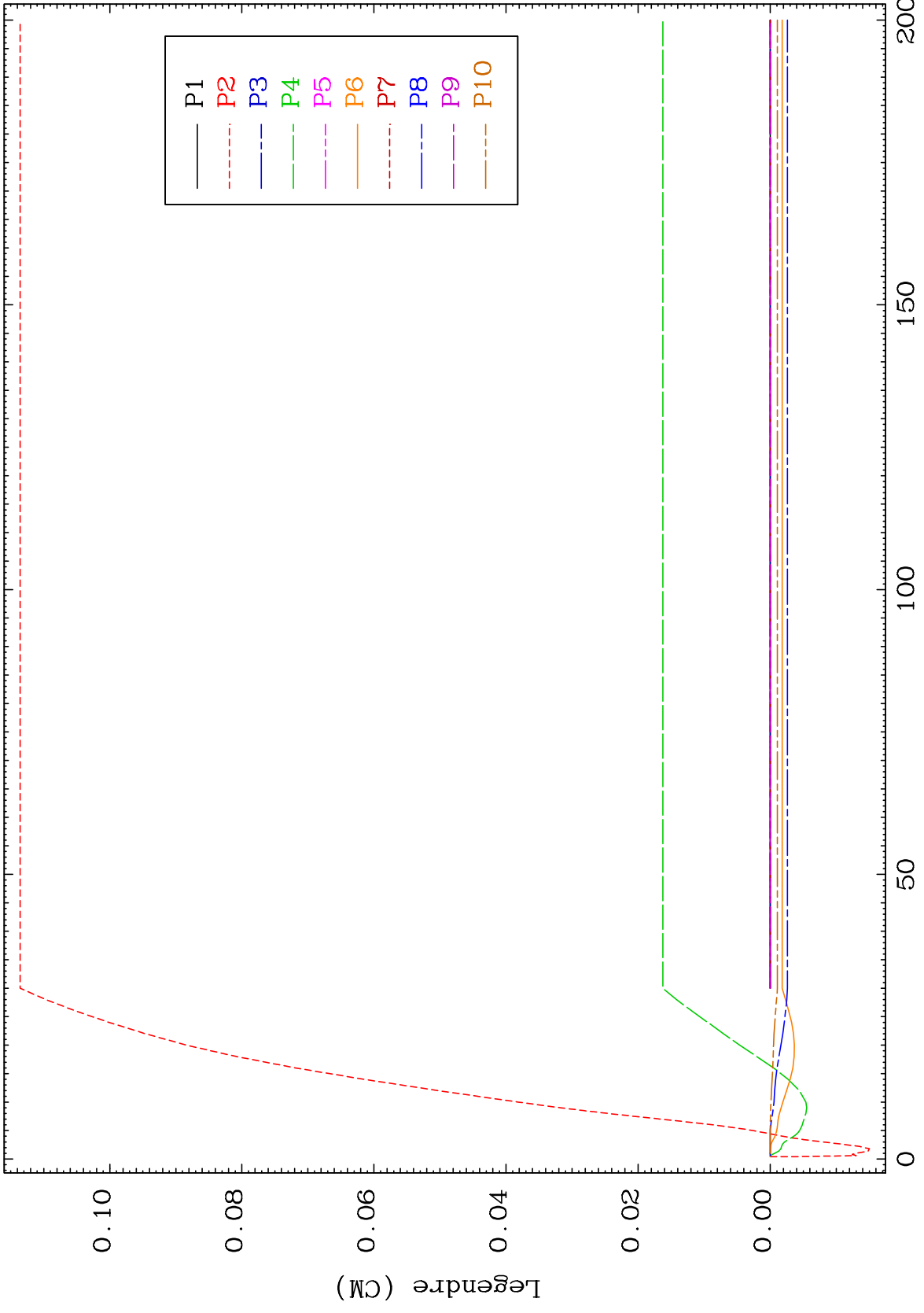
64-Gd-155

MAT 6434 MT= 69 (n,n') Level Legendre Coefficients 64-Gd-155



78 Incident Energy (MeV) 64-Gd-155

MAT 6434 MT= 70 (n,n') Level Legendre Coefficients 64-Gd-155

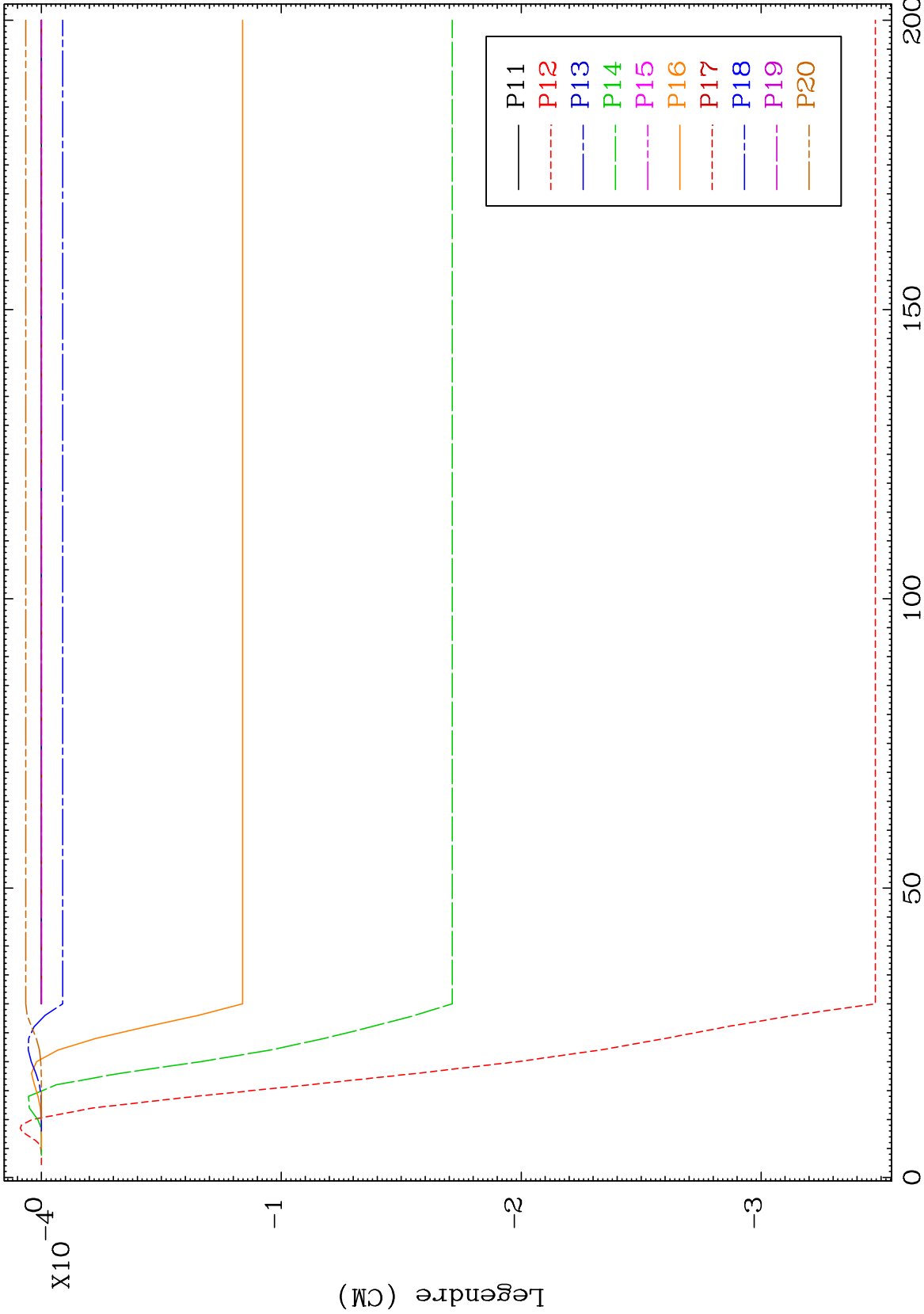


79 64-Gd-155

MAT 6434

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

64-Gd-155

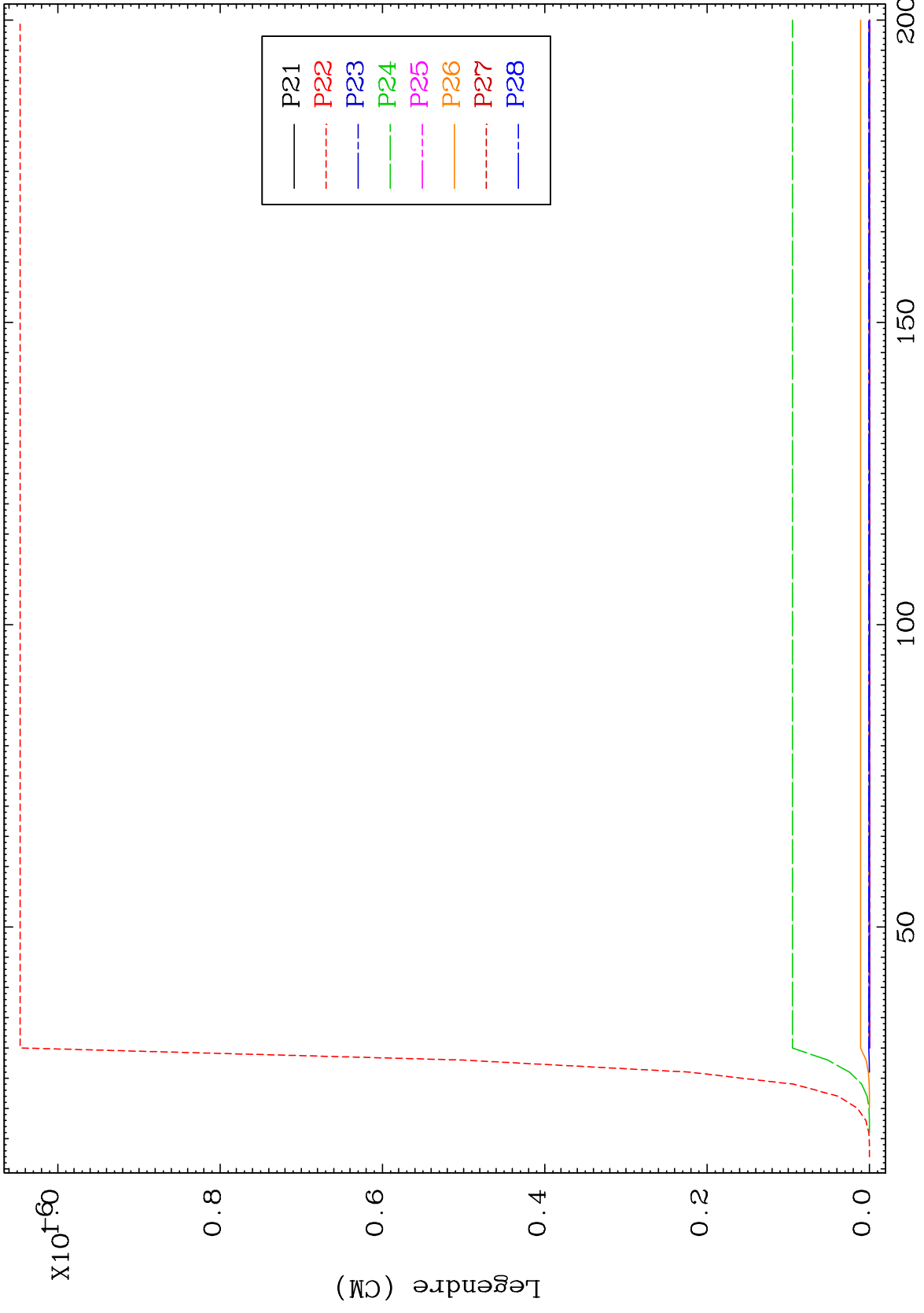


80

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 70 (n,n') Level Legendre Coefficients 64-Gd-155

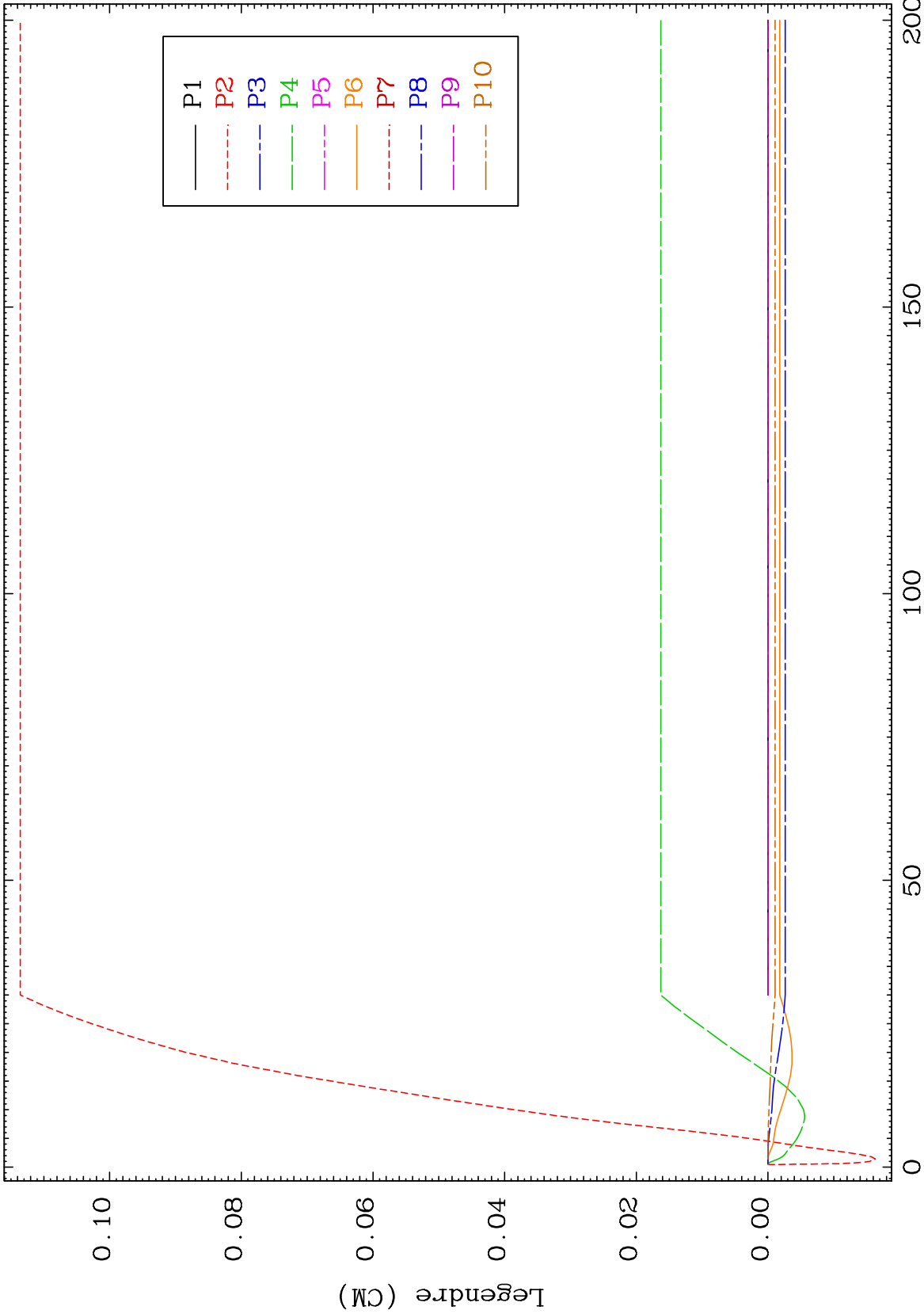


81 64-Gd-155

MAT 6434

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

64-Gd-155



82

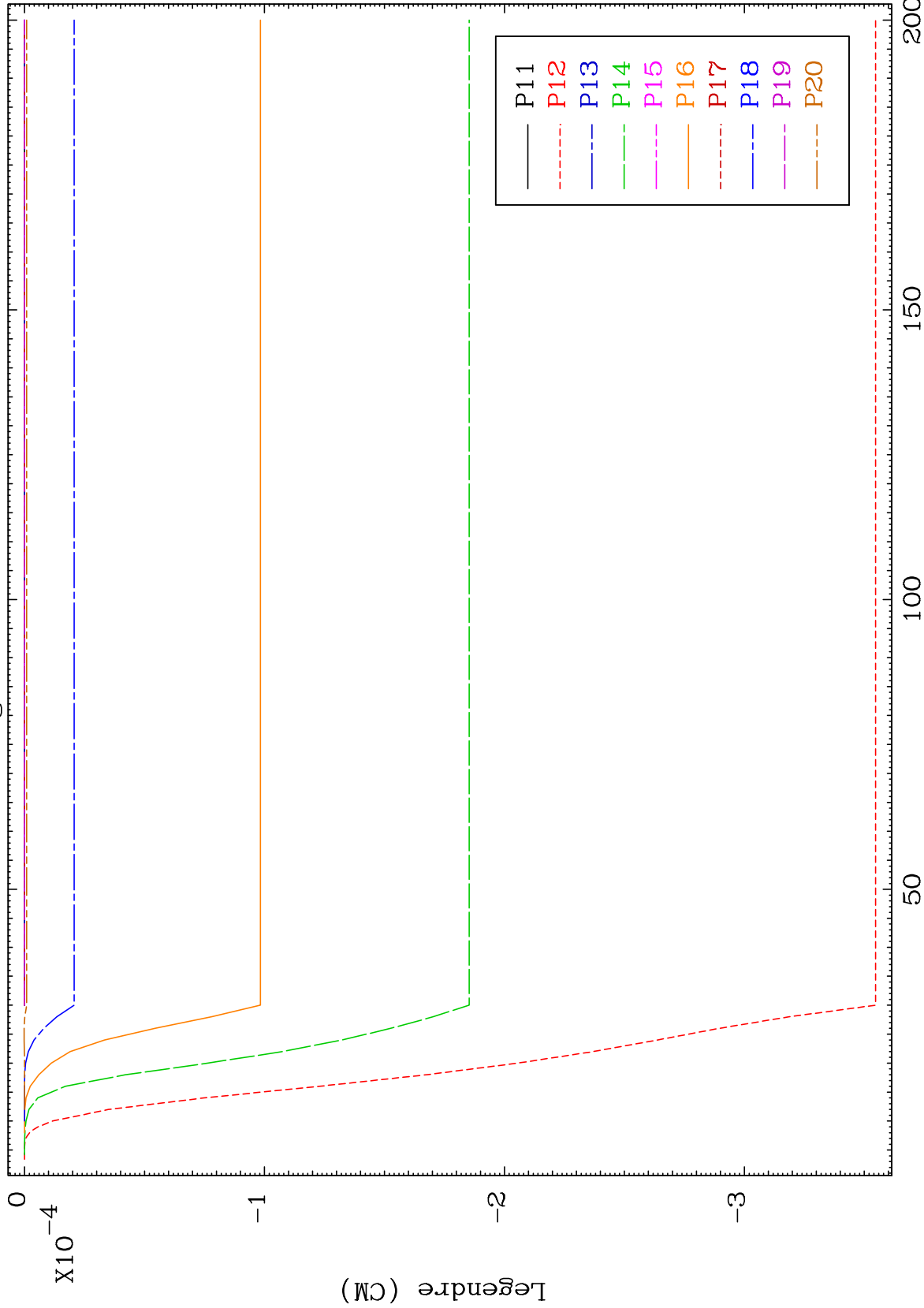
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

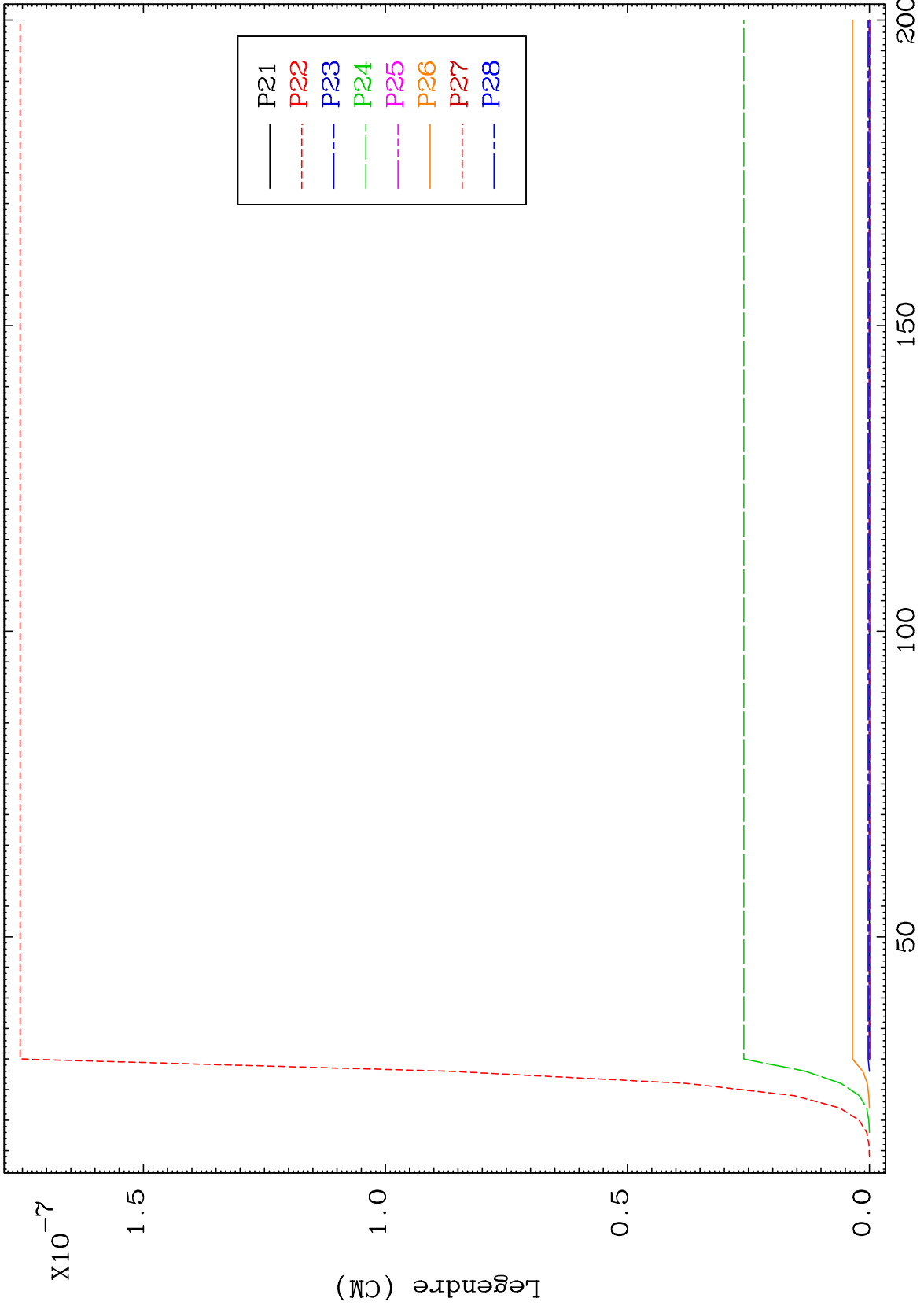


83

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 71 (n,n') Level Legendre Coefficients 64-Gd-155

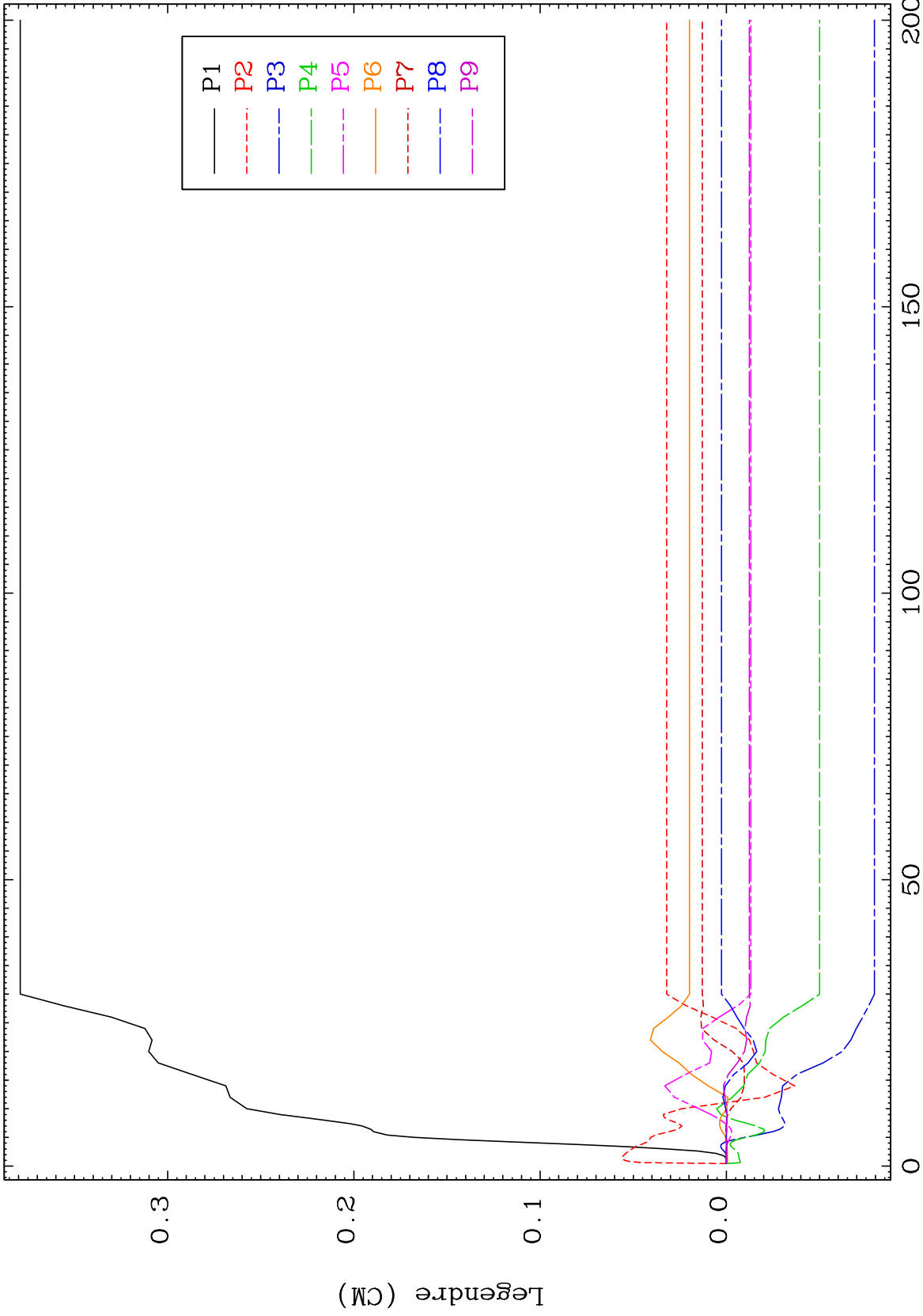


84 Incident Energy (MeV) 64-Gd-155

MAT 6434

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

64-Gd-155



85

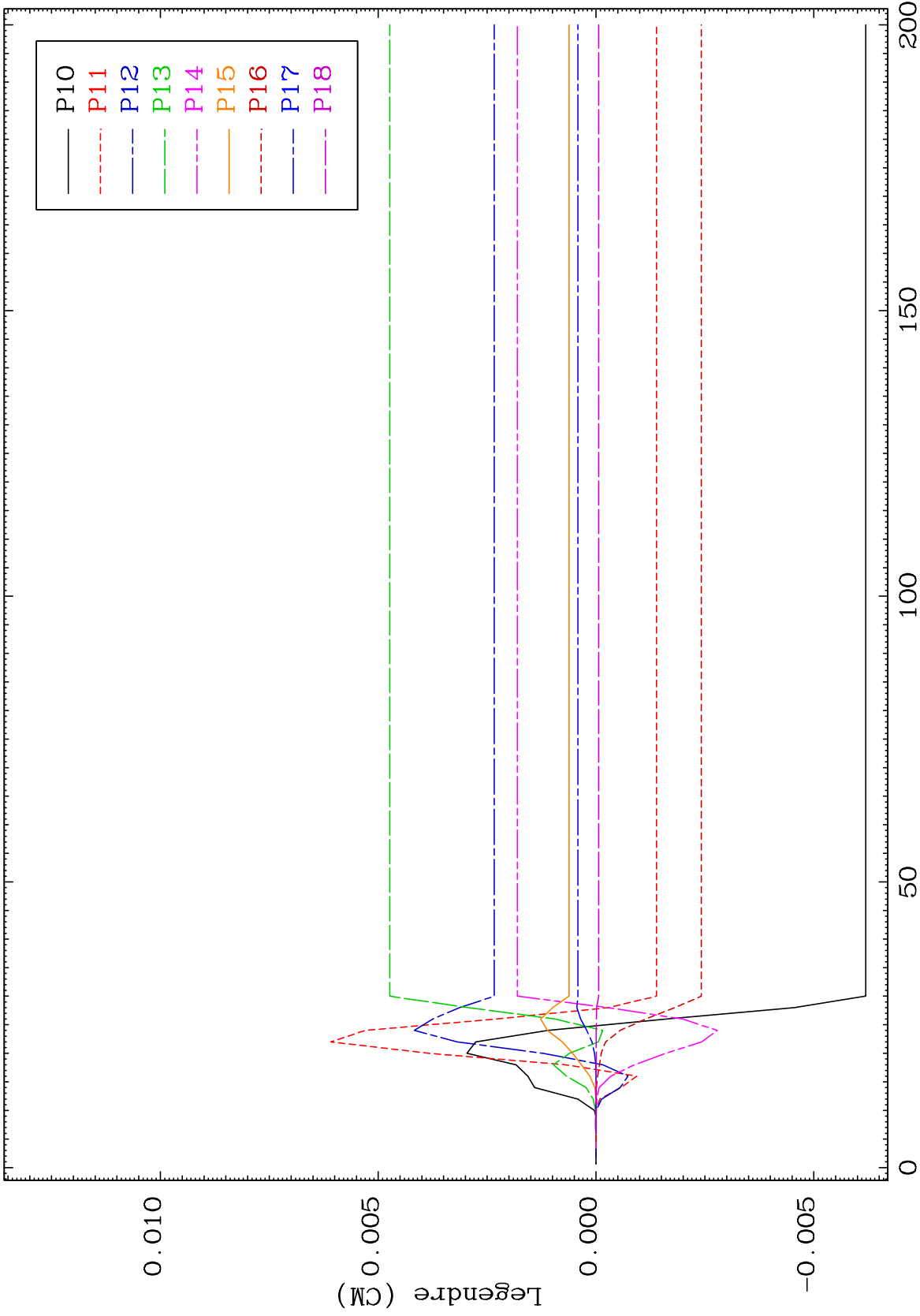
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



86

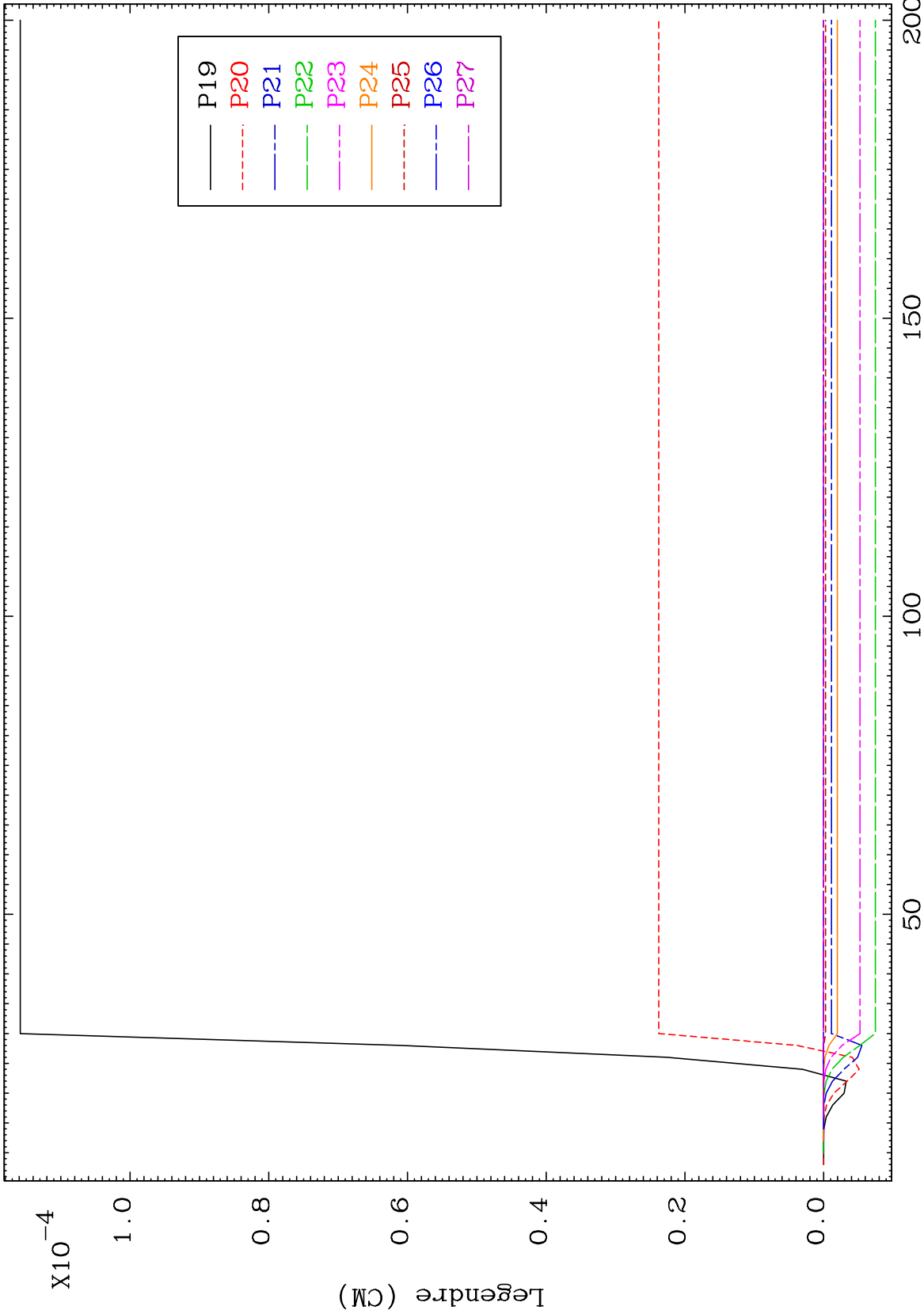
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



87

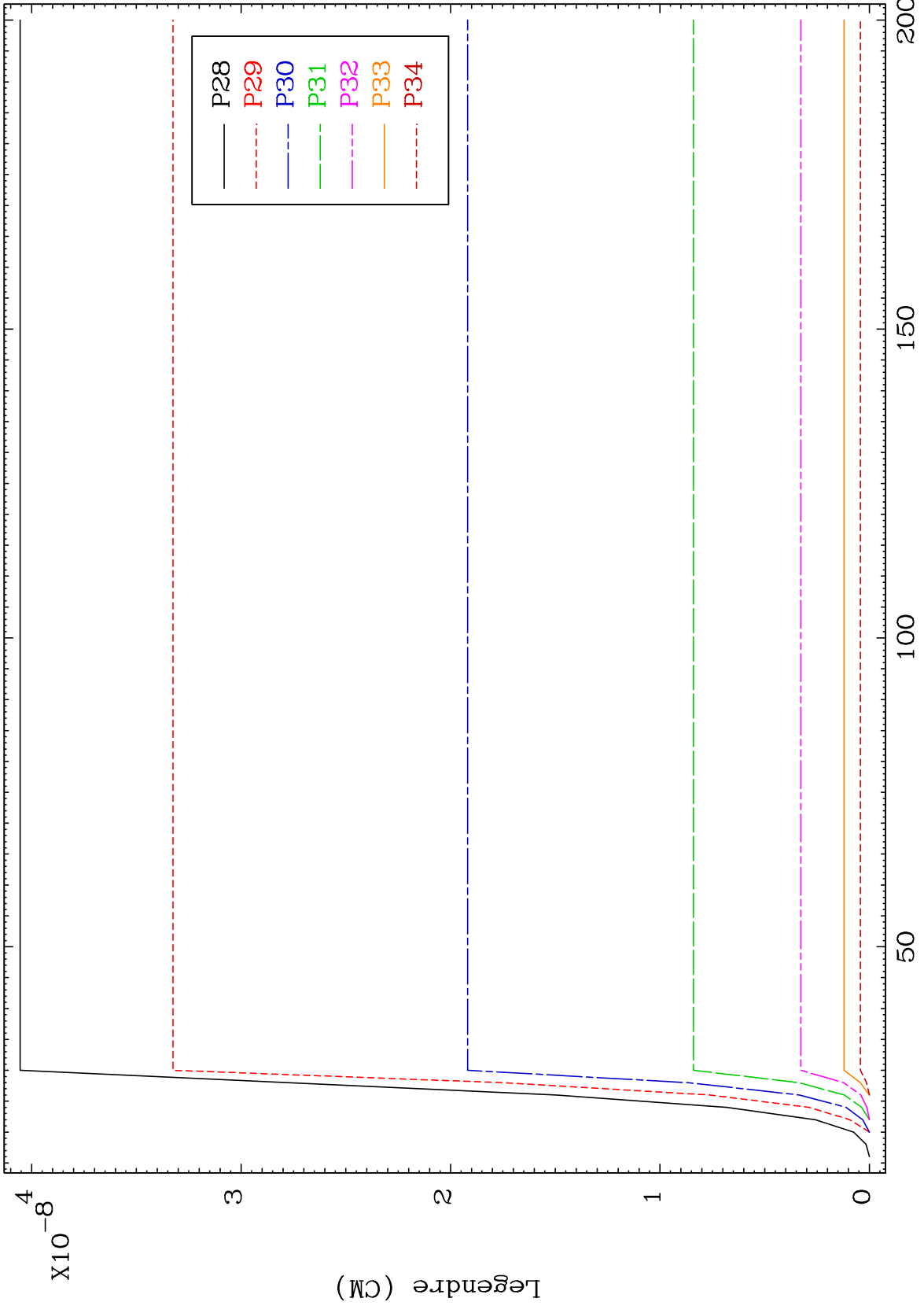
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



88

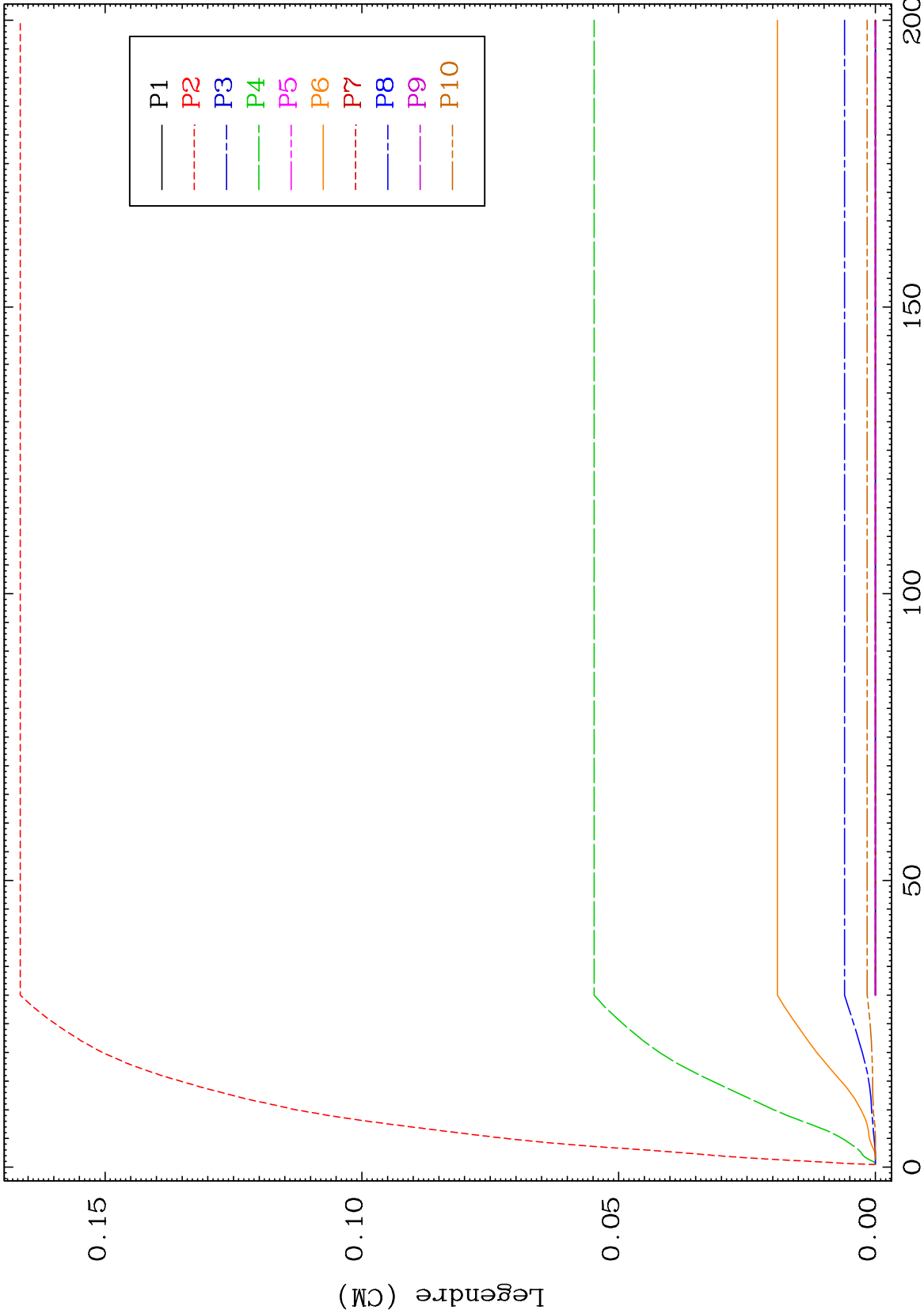
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



89

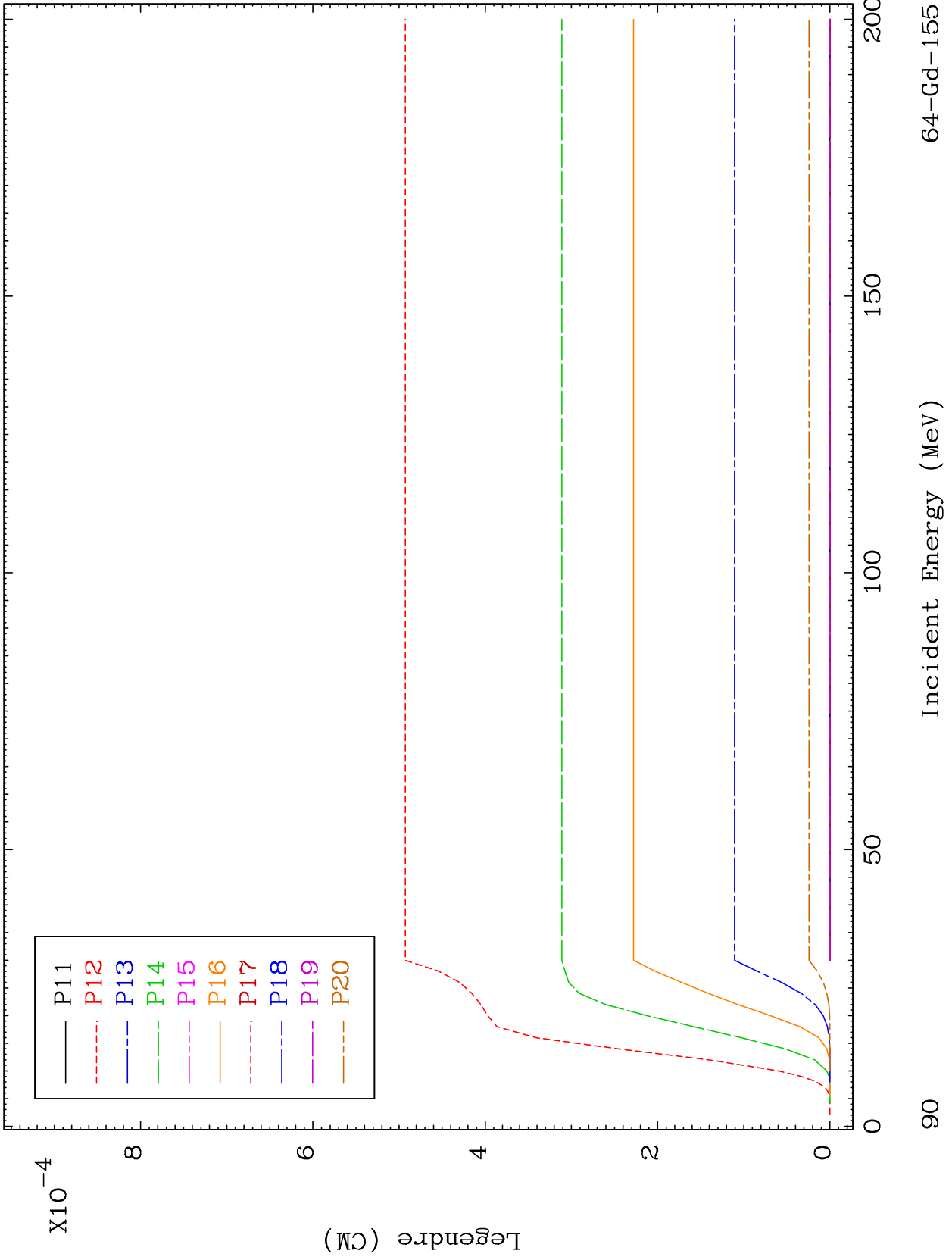
Incident Energy (MeV)

64-Gd-155

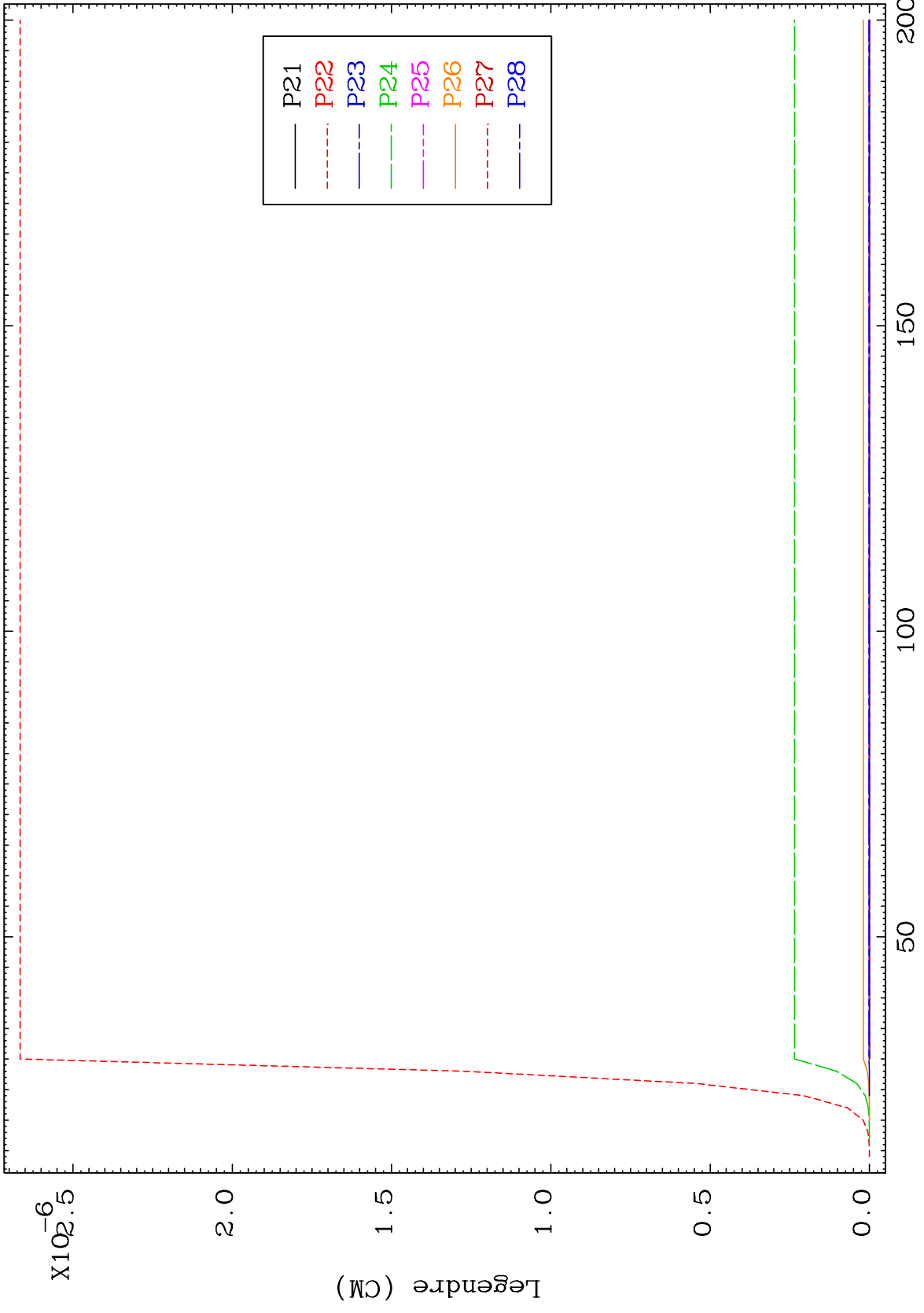
MAT 6434

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

64-Gd-155



MAT 6434 MT= 73 (n,n') Level Legendre Coefficients 64-Gd-155

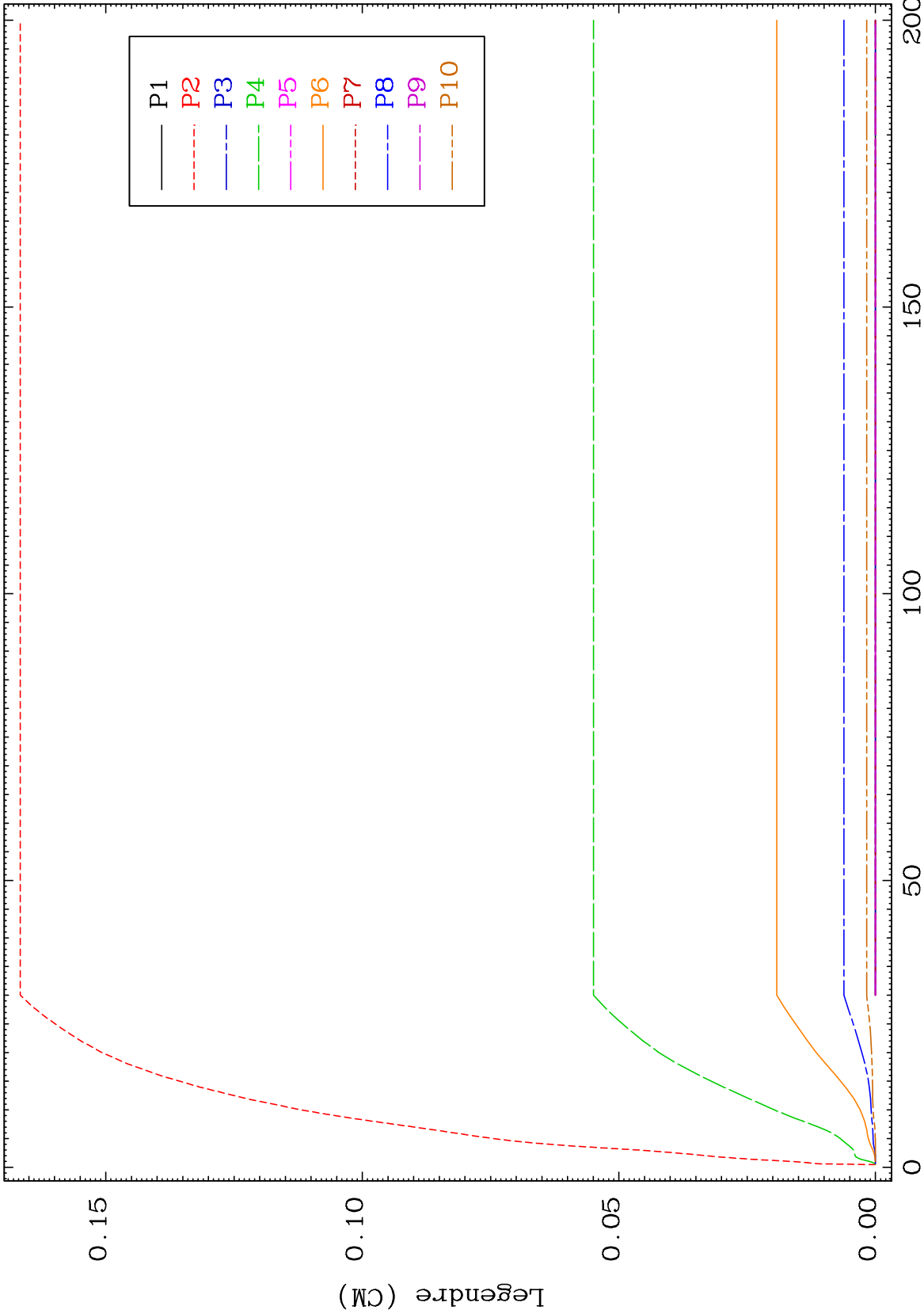


91 64-Gd-155

MAT 6434

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

64-Gd-155



92

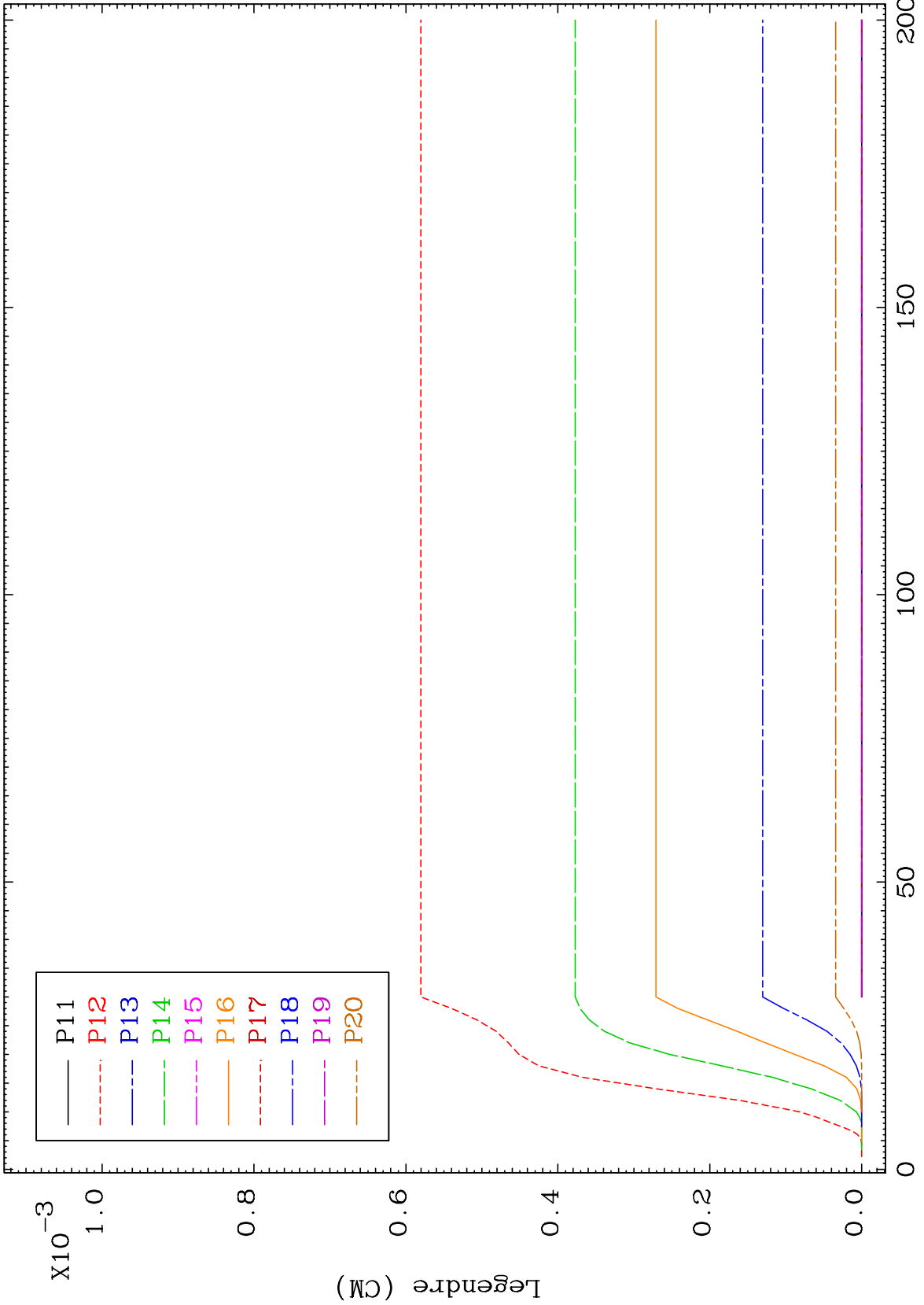
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

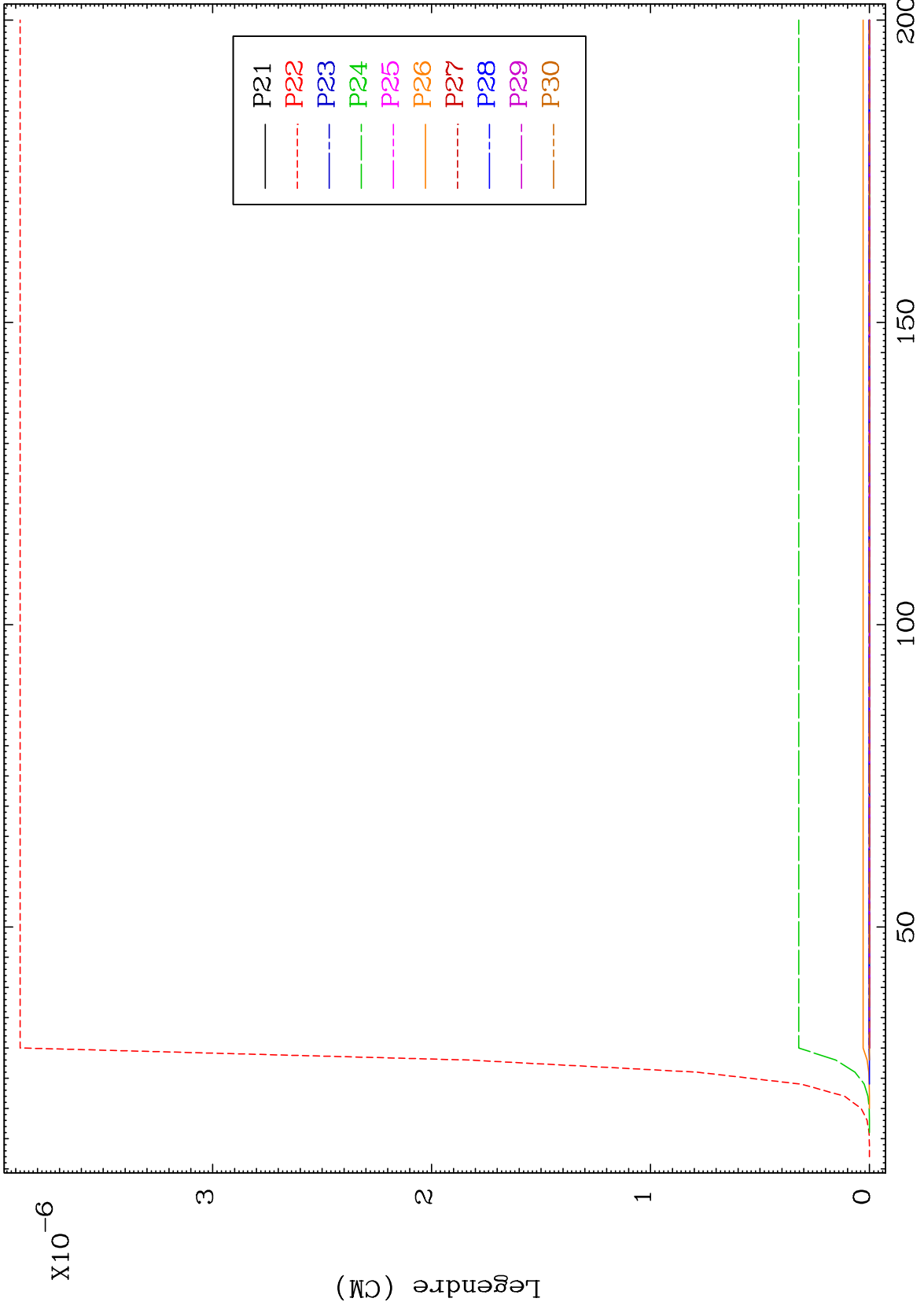


93

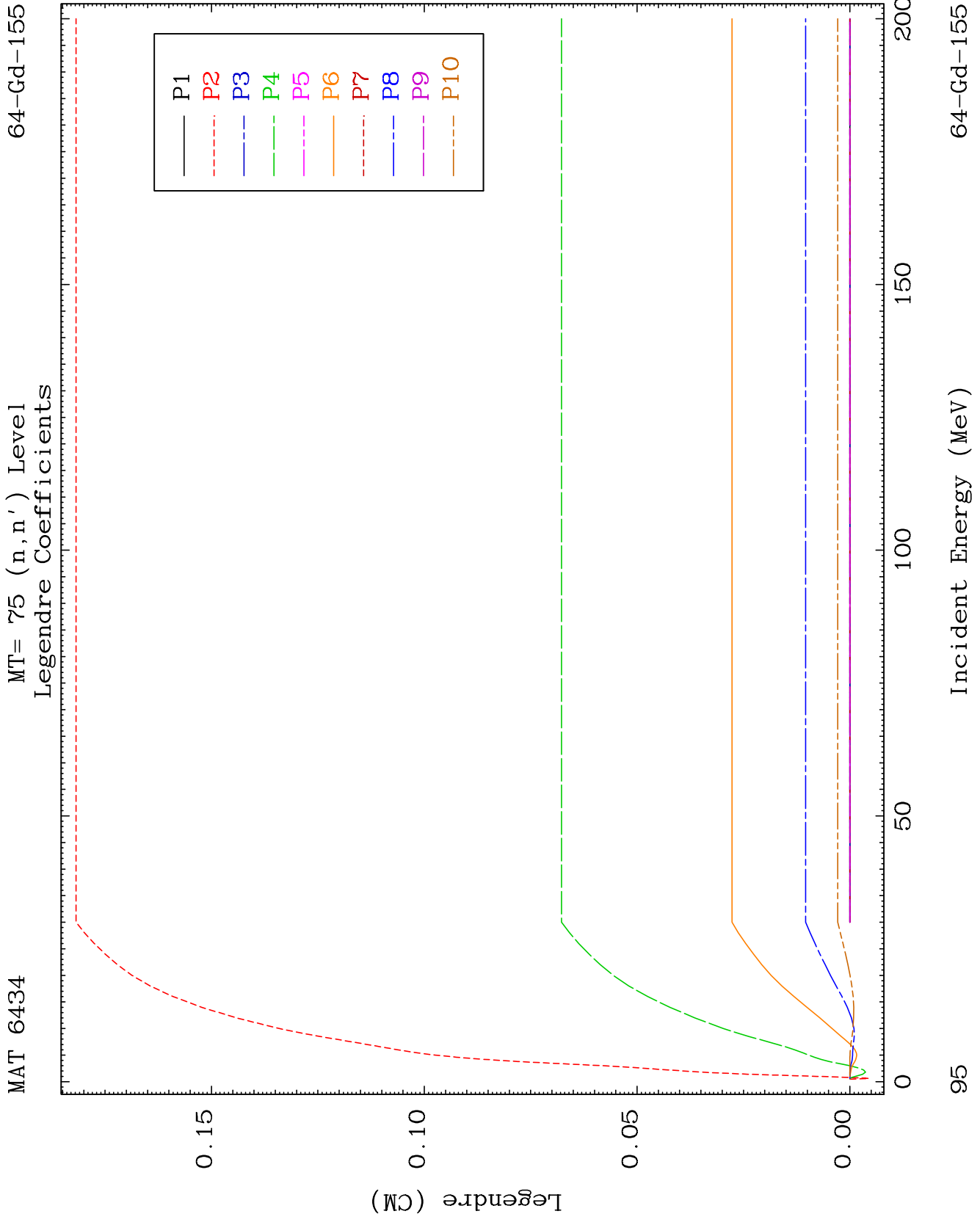
Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 74 (n,n') Level Legendre Coefficients 64-Gd-155



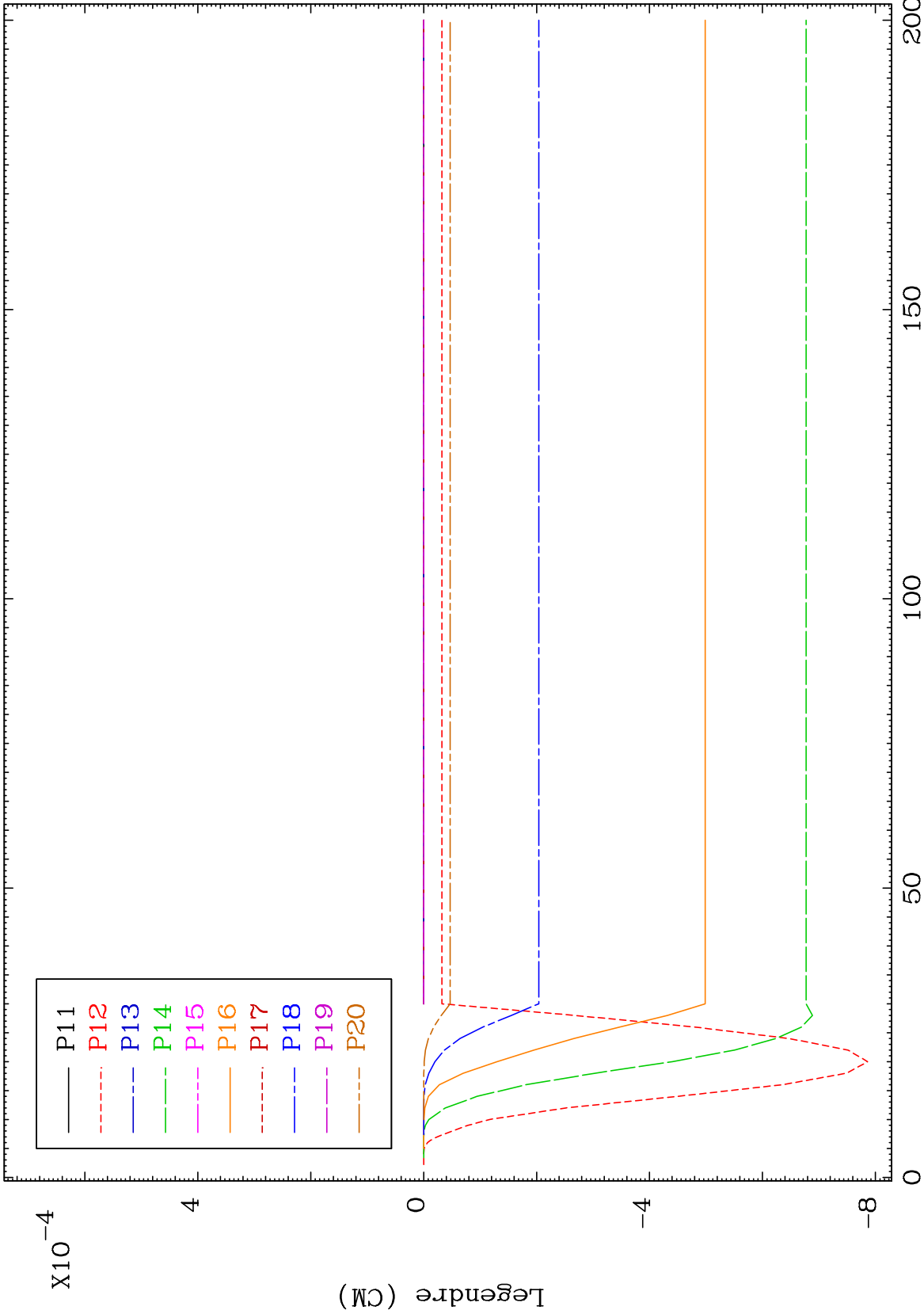
94 64-Gd-155



MAT 6434

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

64-Gd-155



96

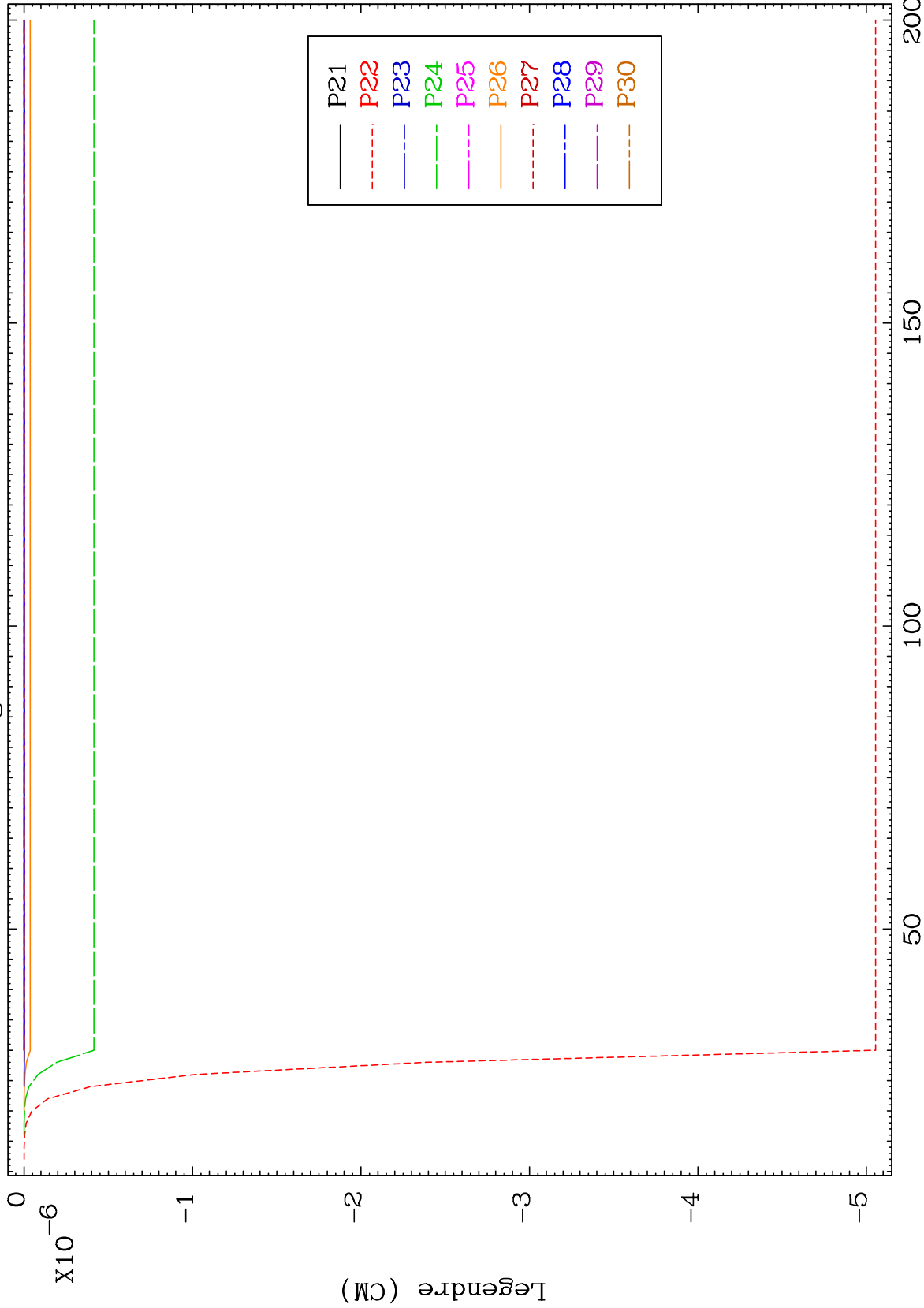
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



97

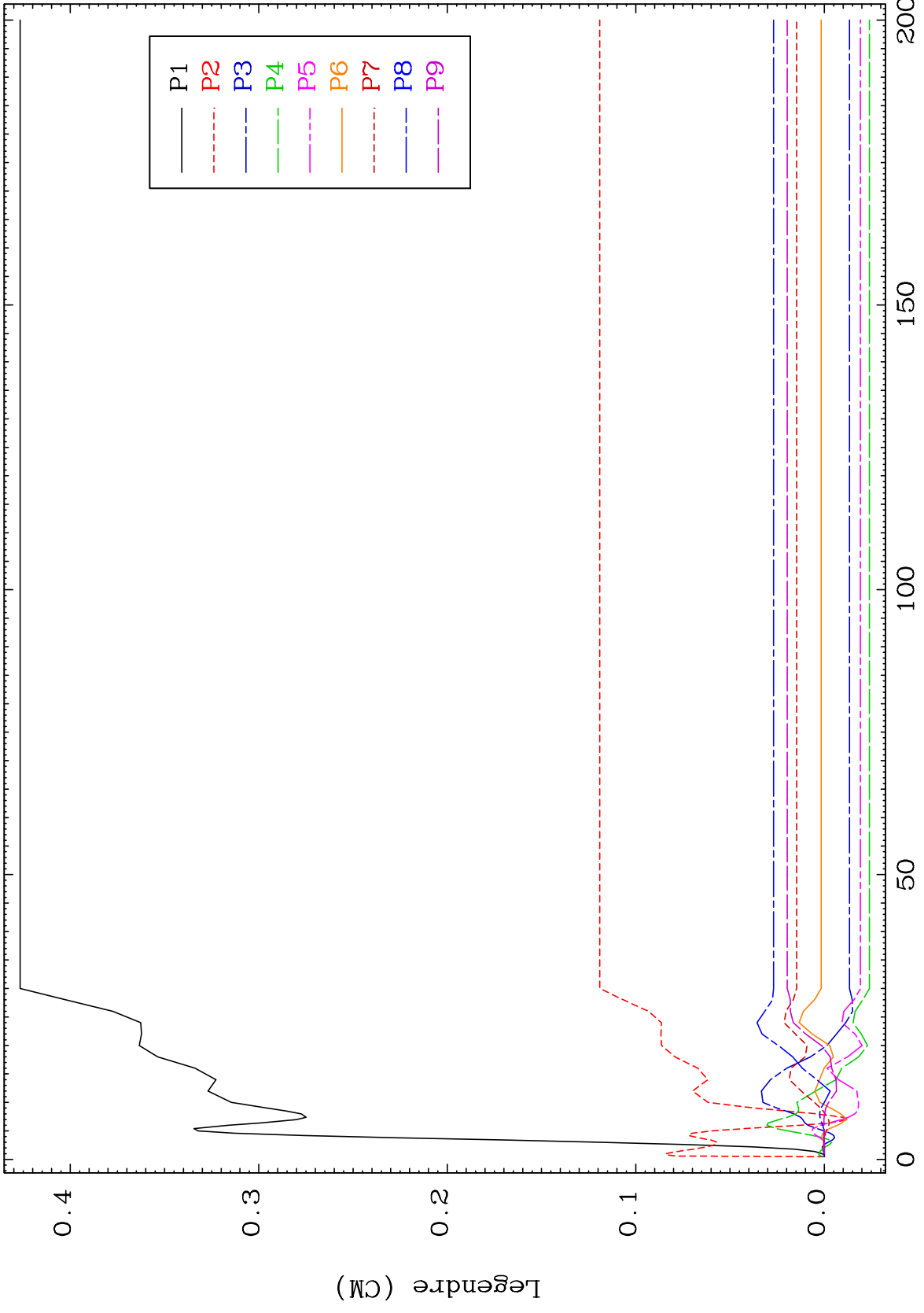
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



98

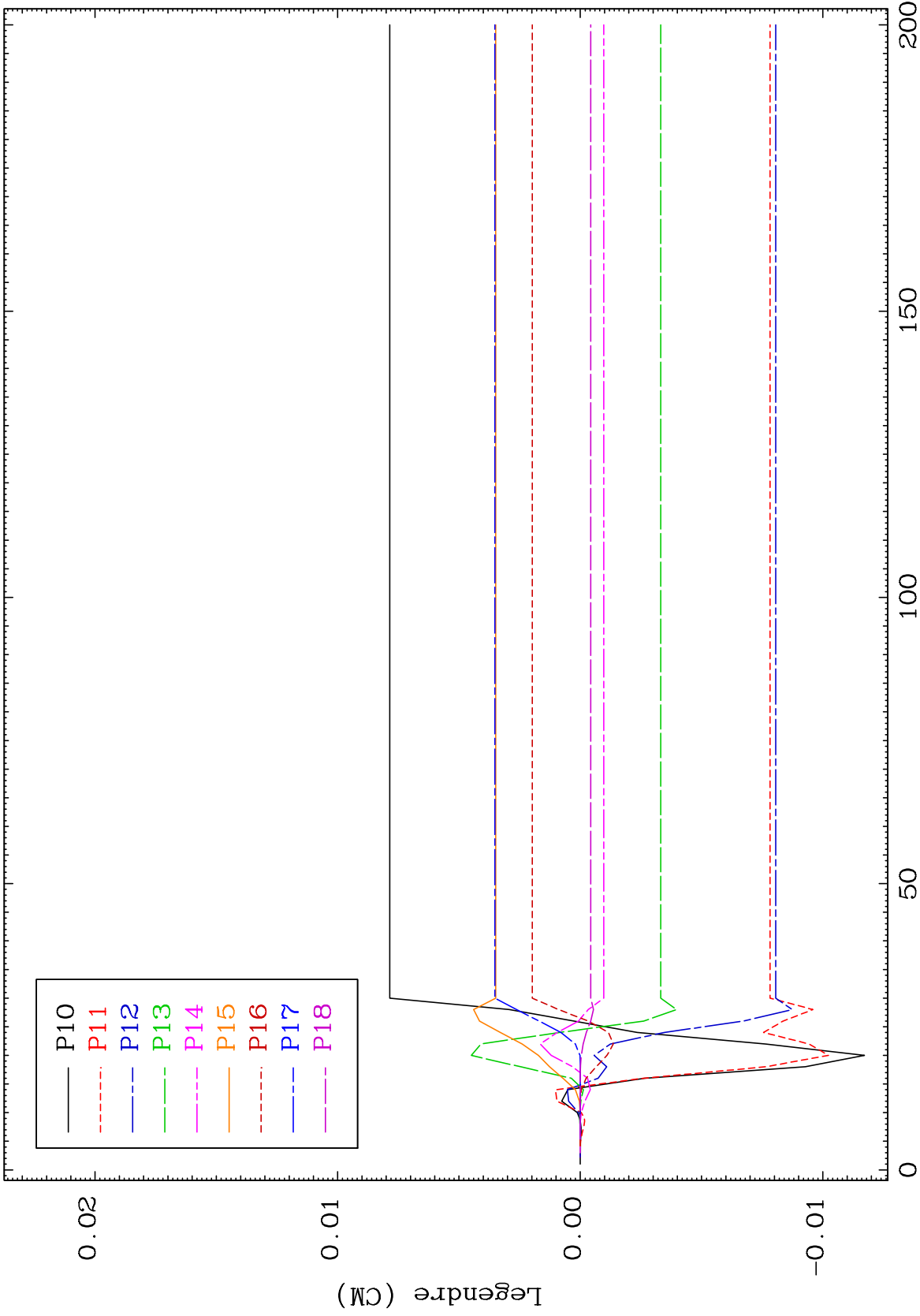
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



99

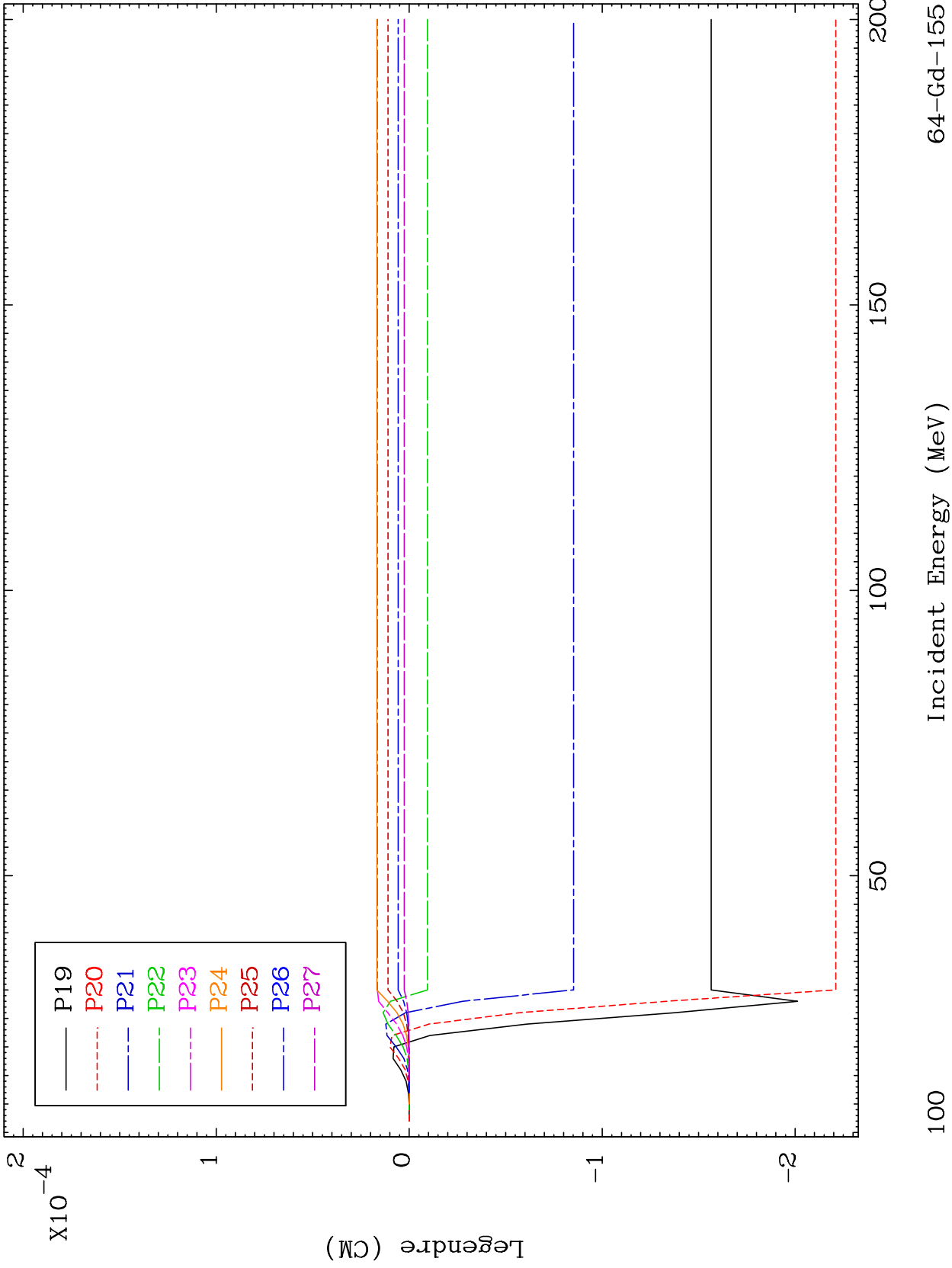
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

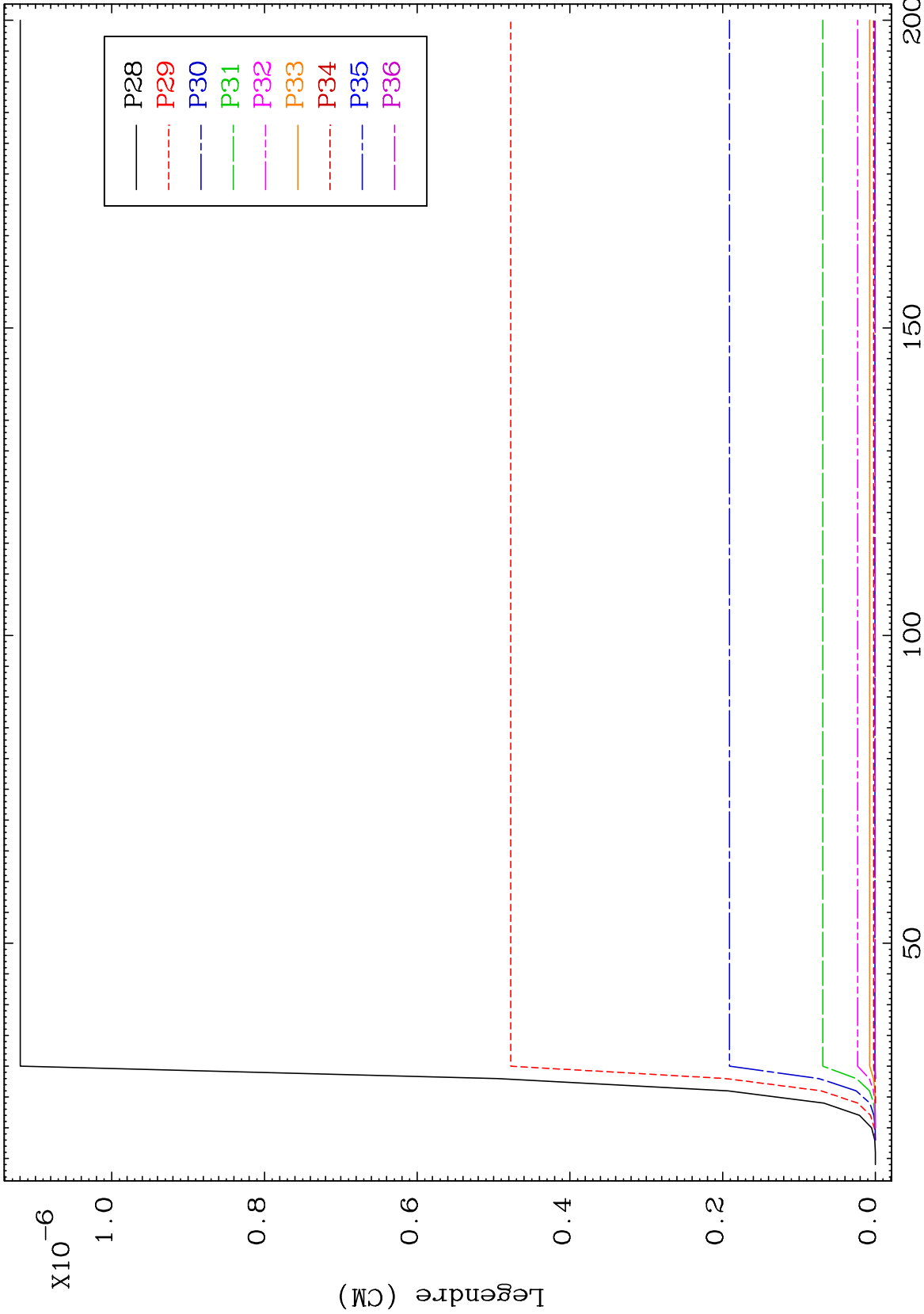
64-Gd-155



MAT 6434

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

64-Gd-155

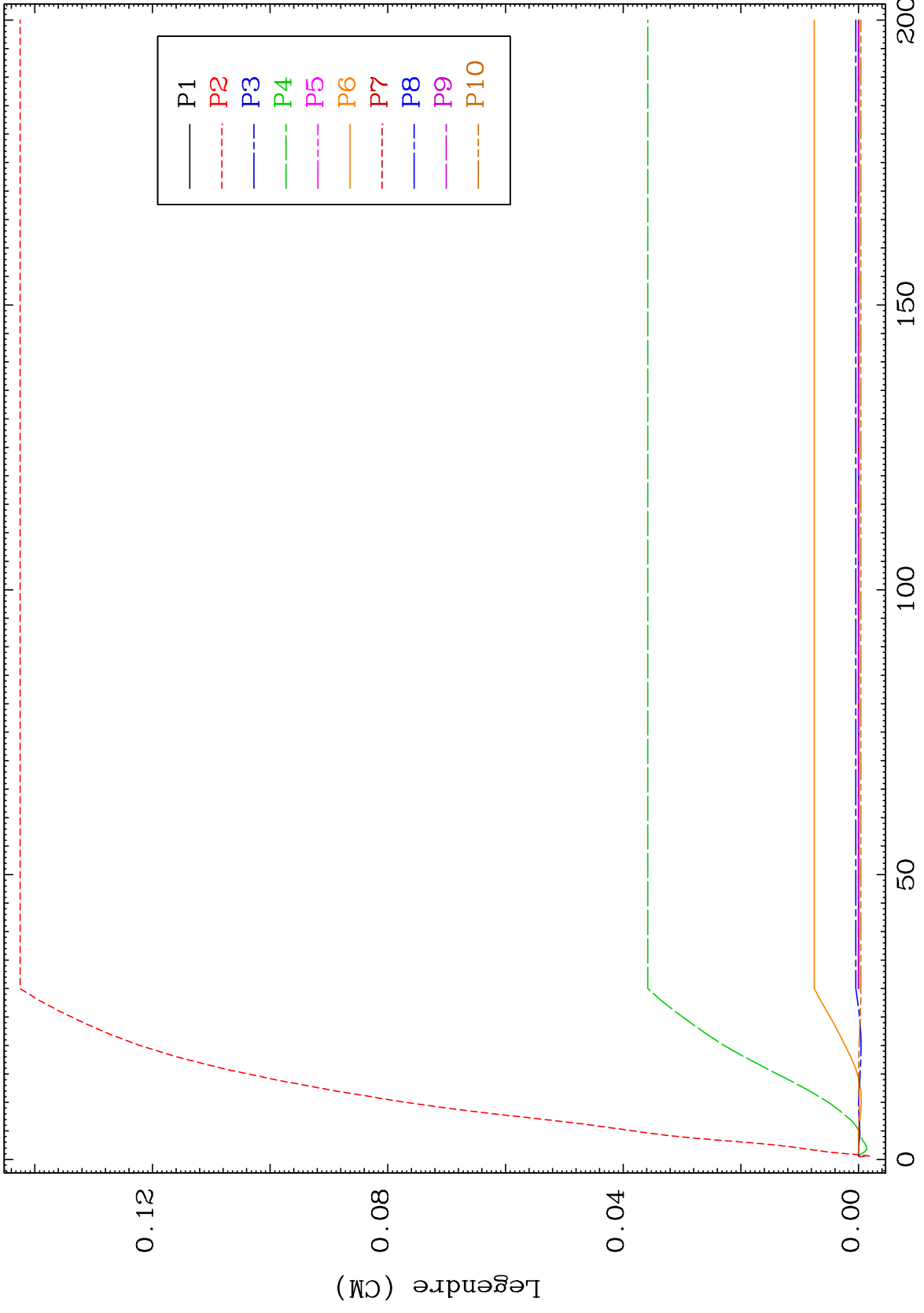


101

Incident Energy (MeV)

64-Gd-155

MAT 6434 MT= 77 (n,n') Level Legendre Coefficients 64-Gd-155

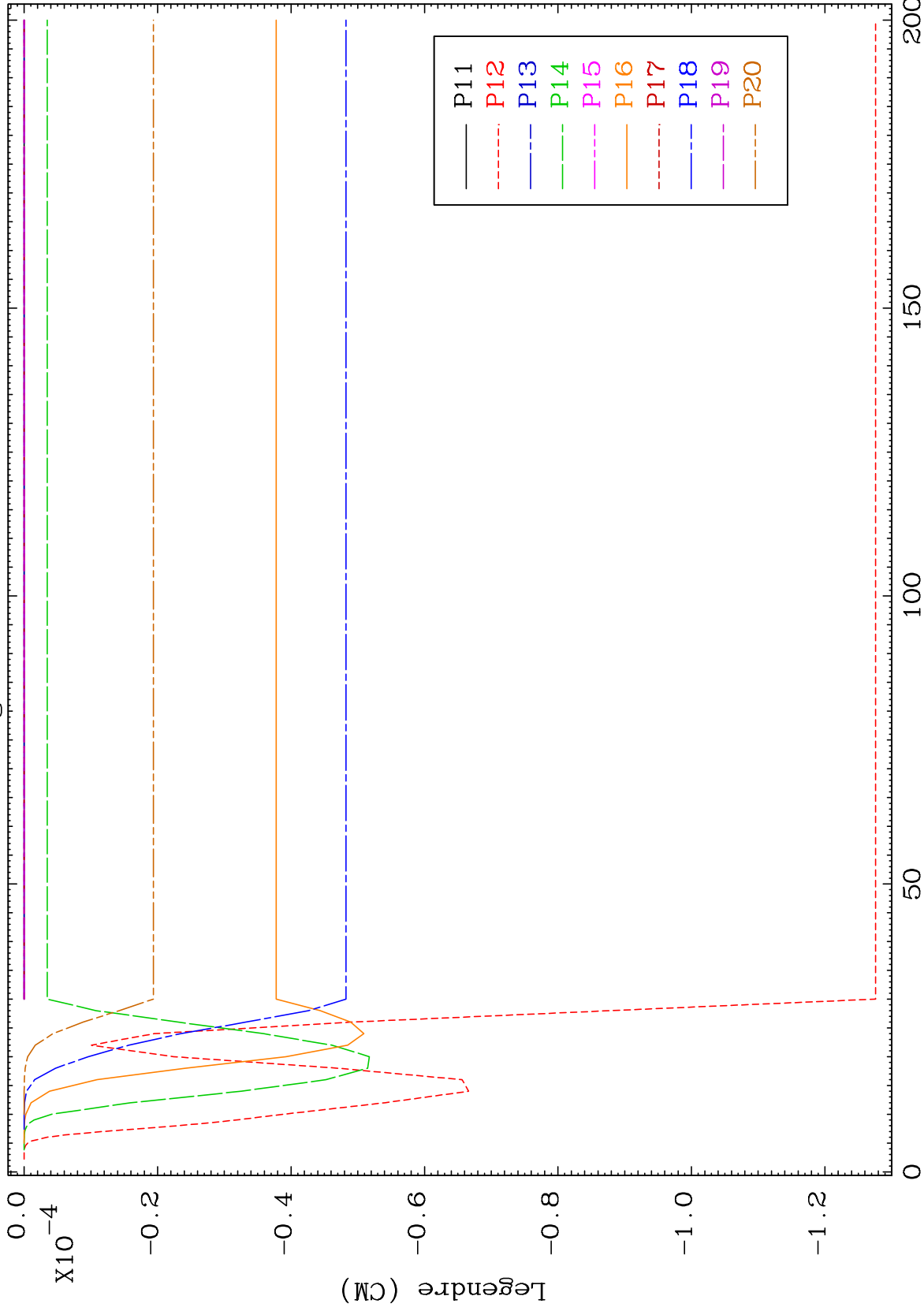


102 Incident Energy (MeV) 64-Gd-155

MAT 6434

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

64-Gd-155



103

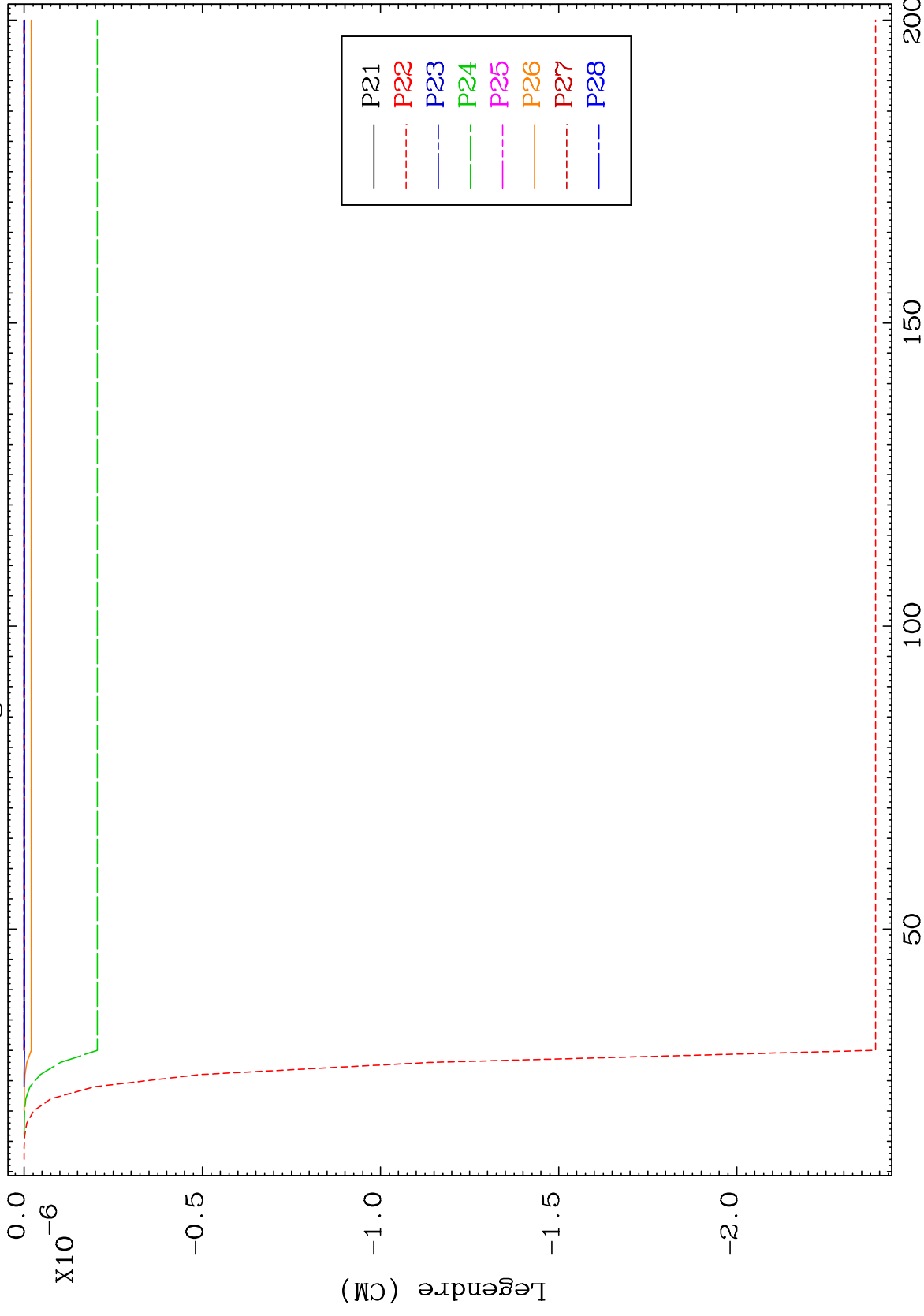
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



64-Gd-155

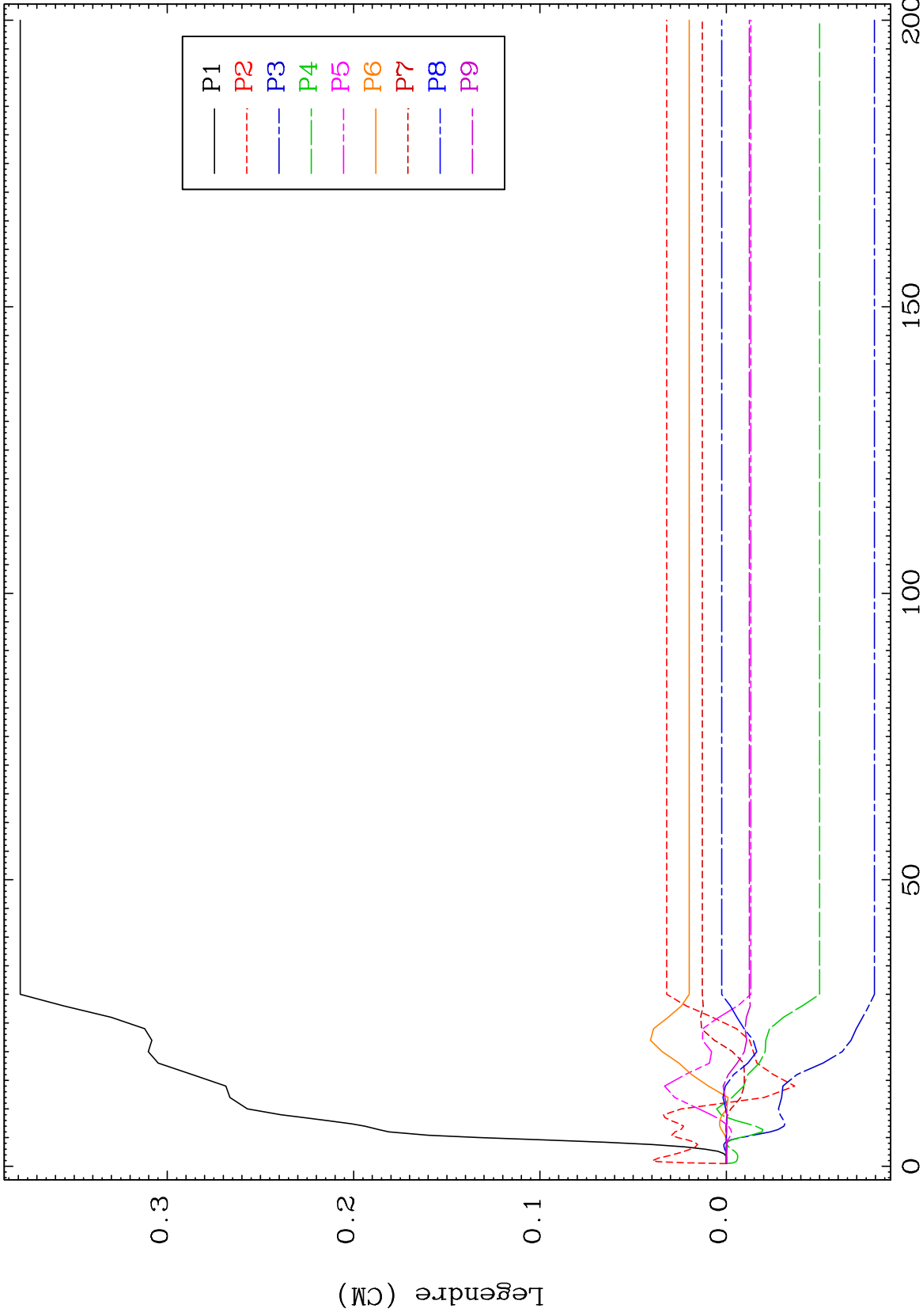
Incident Energy (MeV)

104

MAT 6434

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

64-Gd-155



105

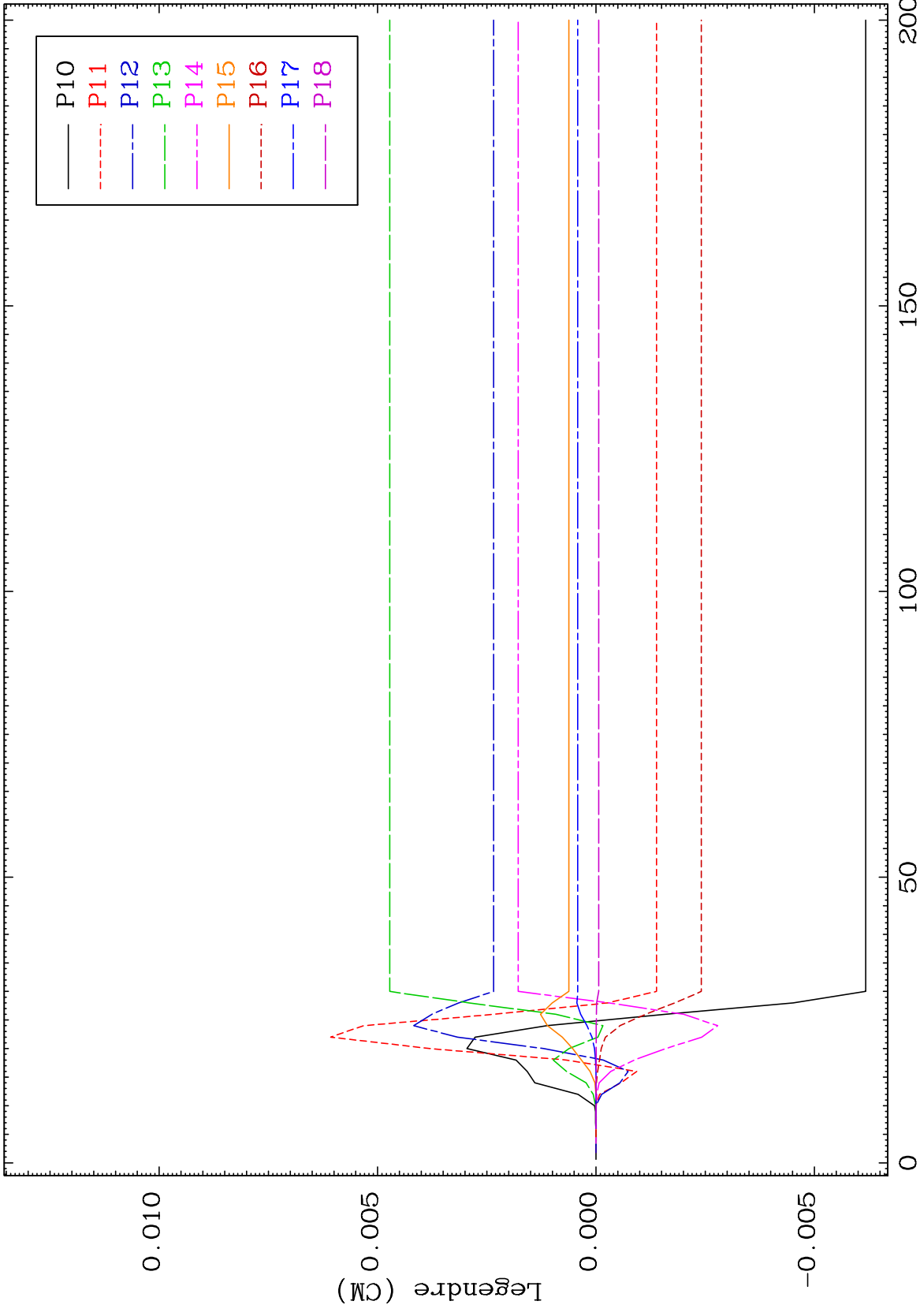
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



106

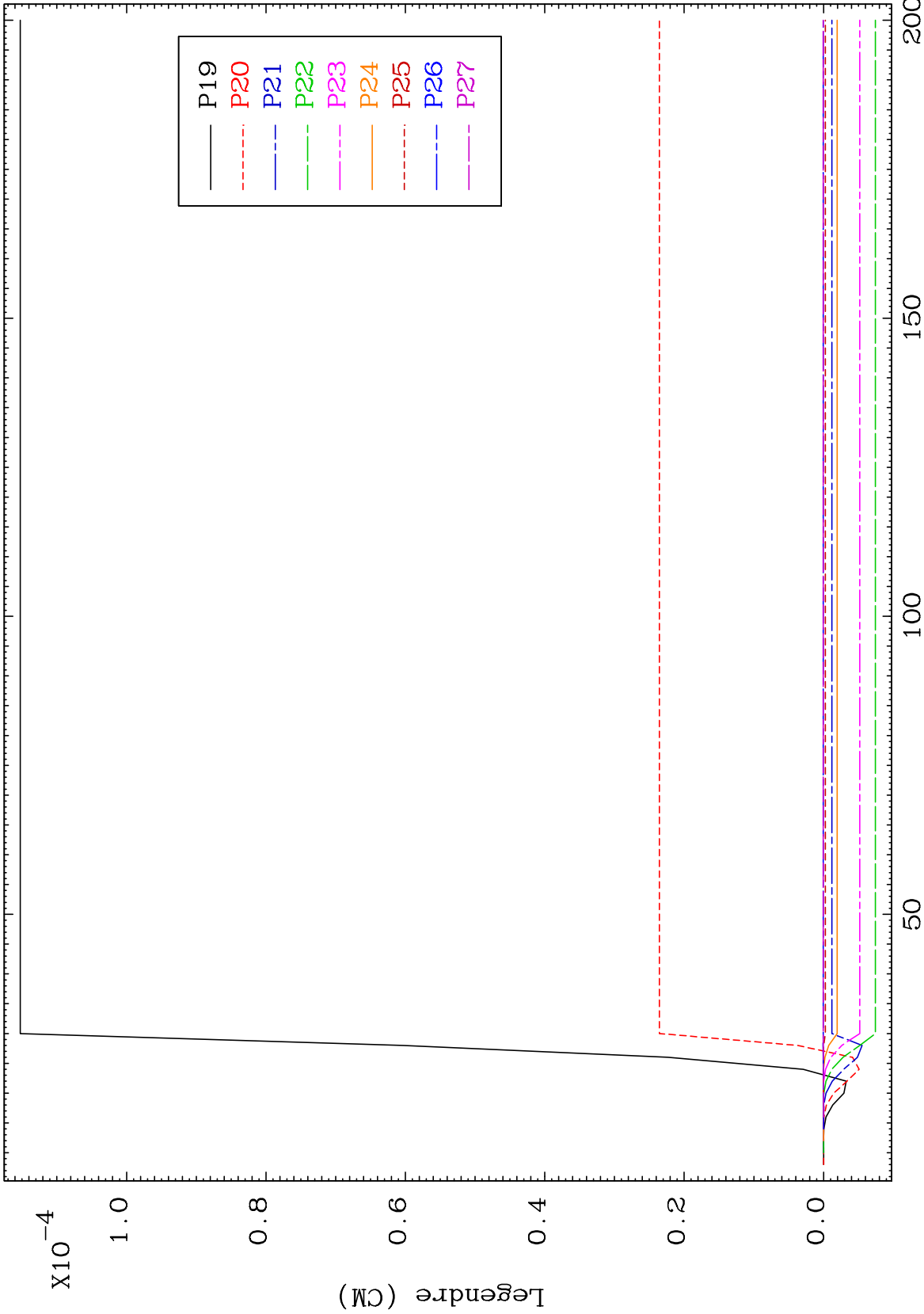
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



107

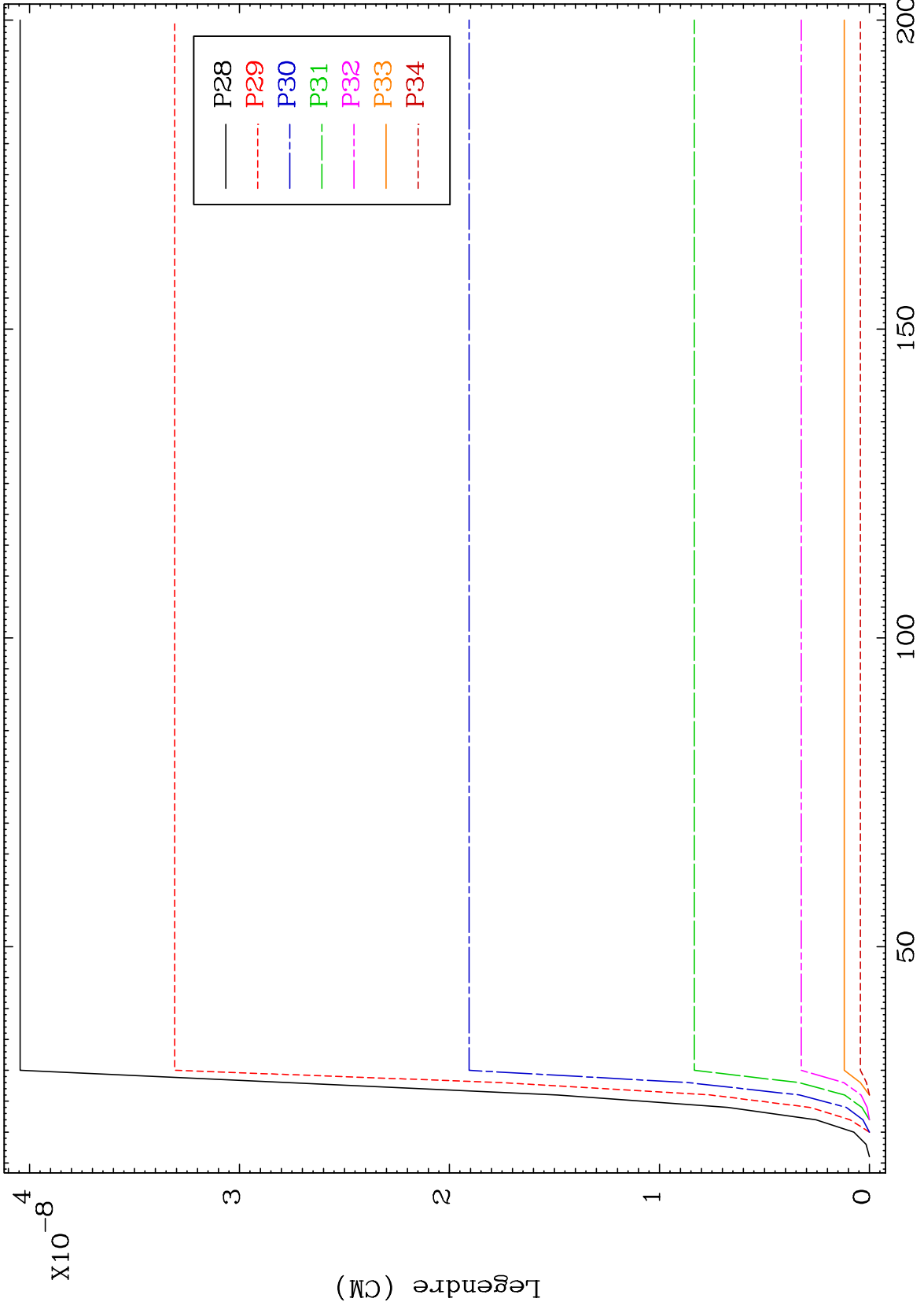
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



108

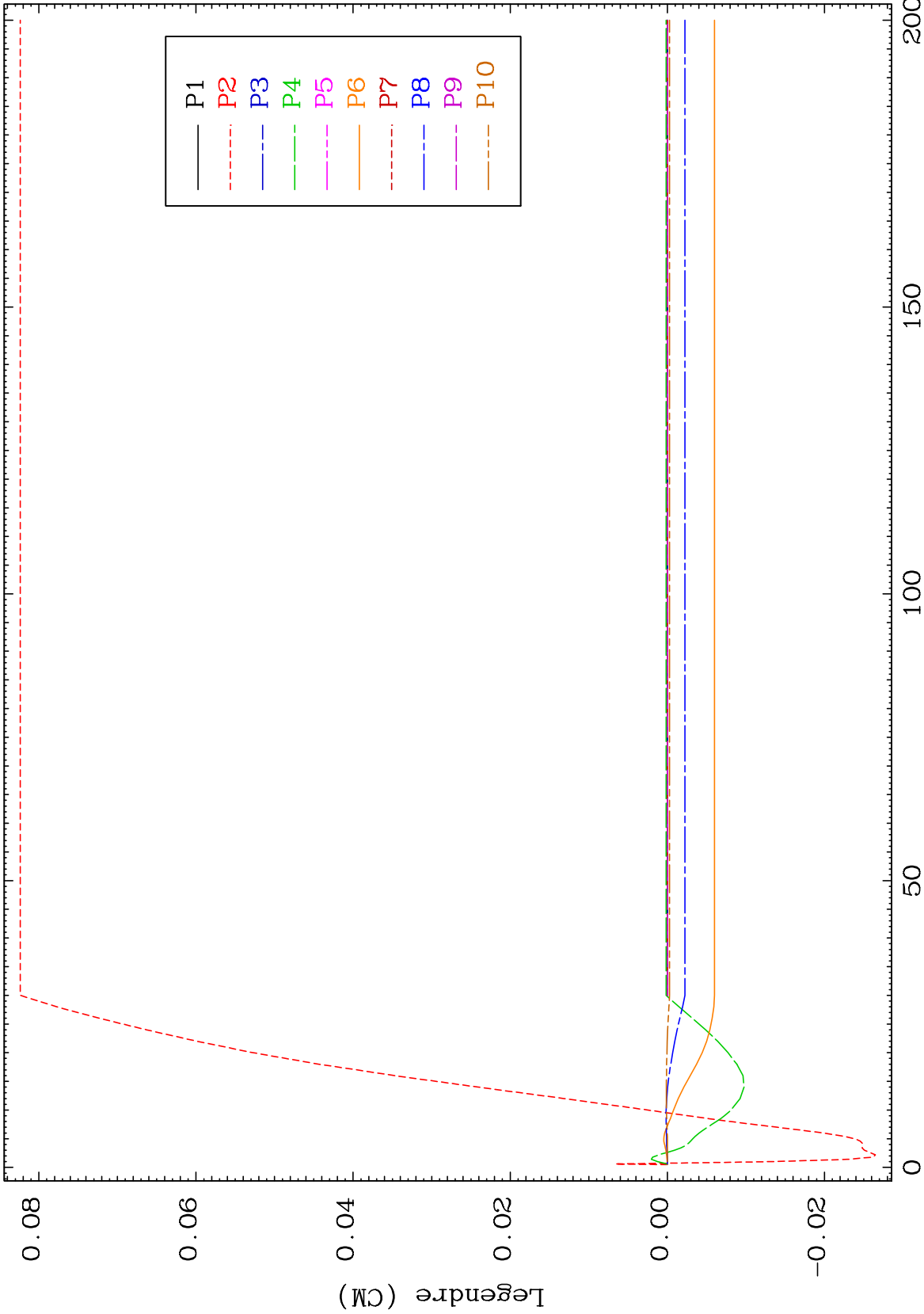
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



109

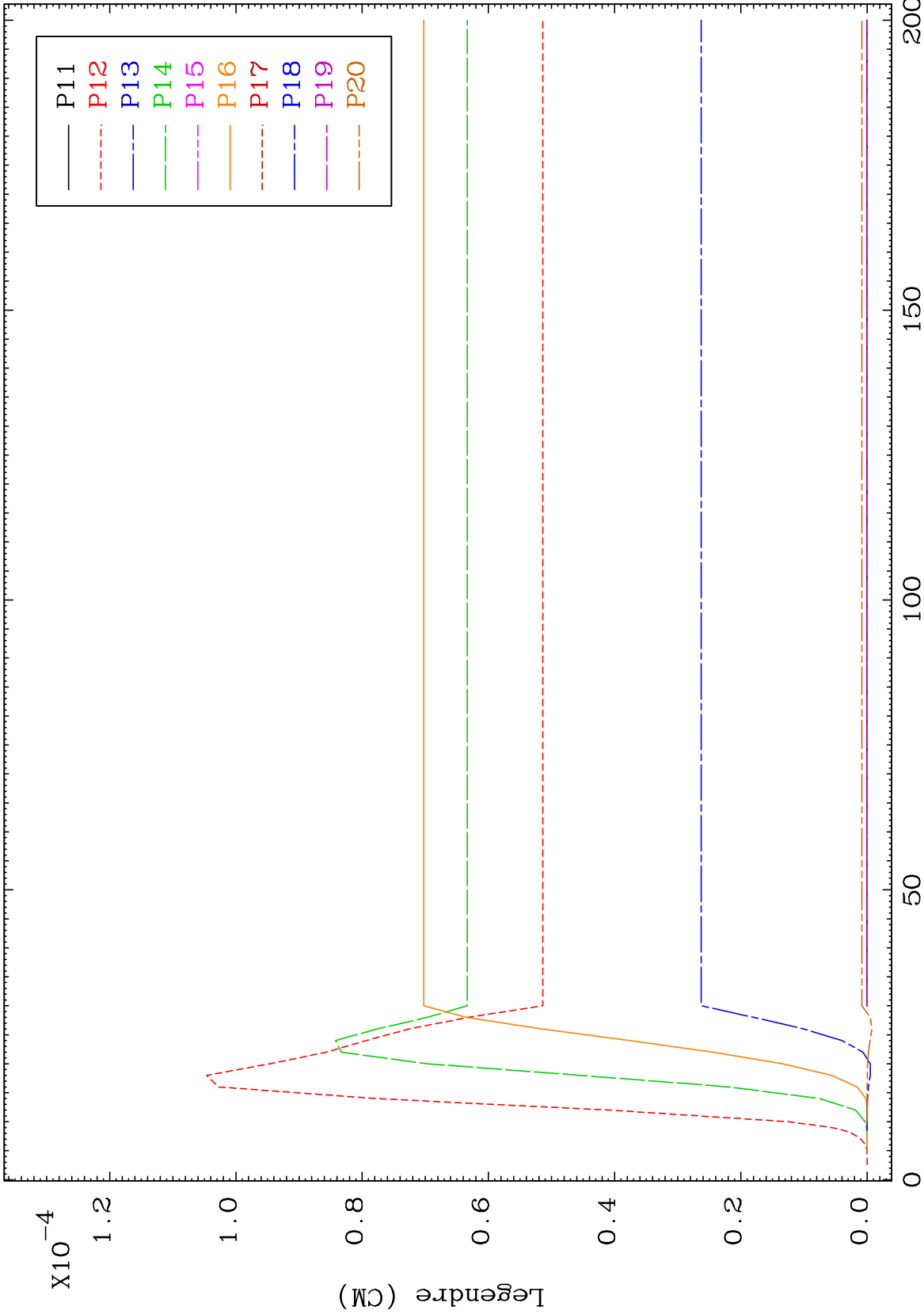
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155

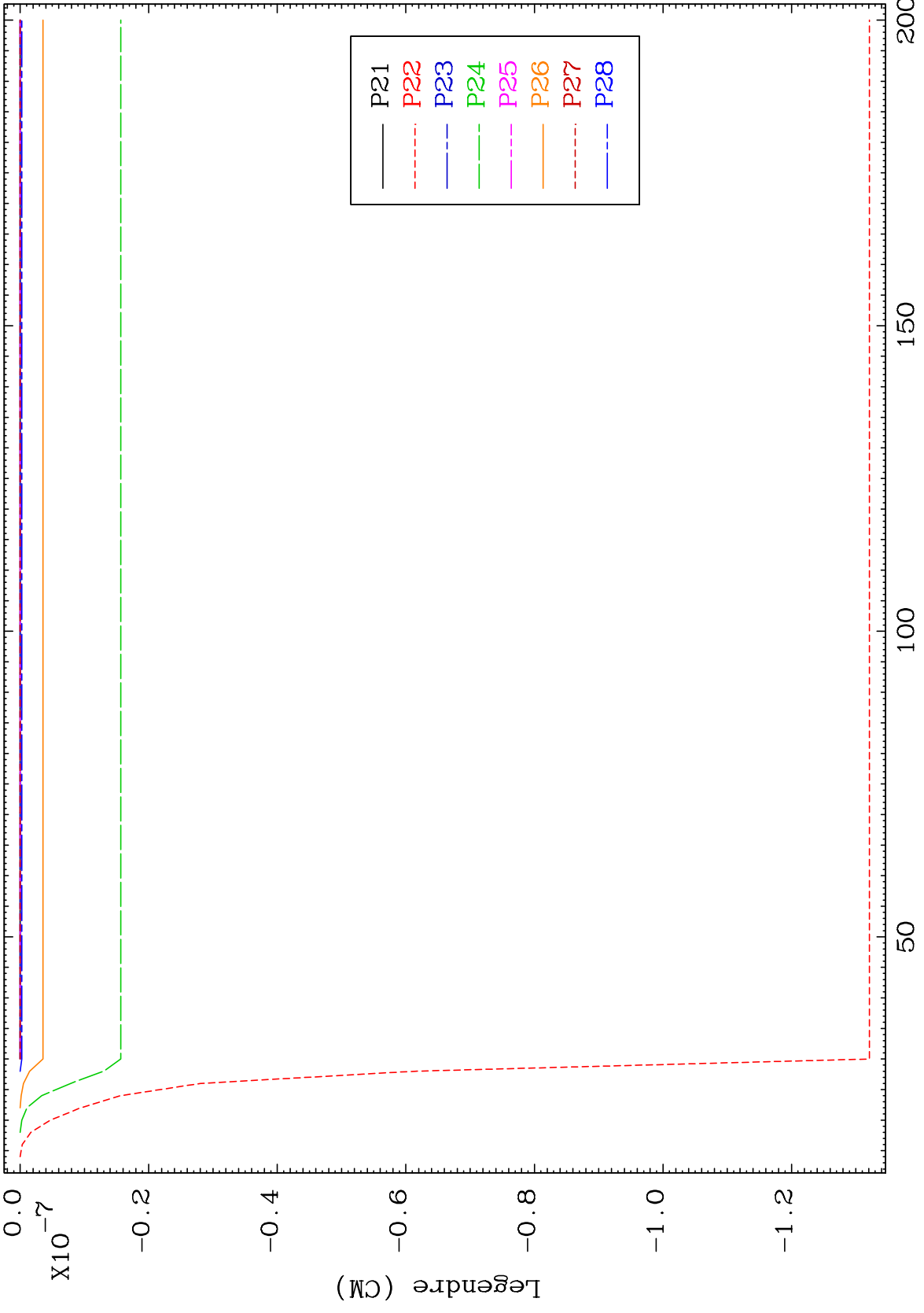


64-Gd-155

Incident Energy (MeV)

Legendre (CM)

MAT 6434 MT= 79 (n,n') Level Legendre Coefficients 64-Gd-155

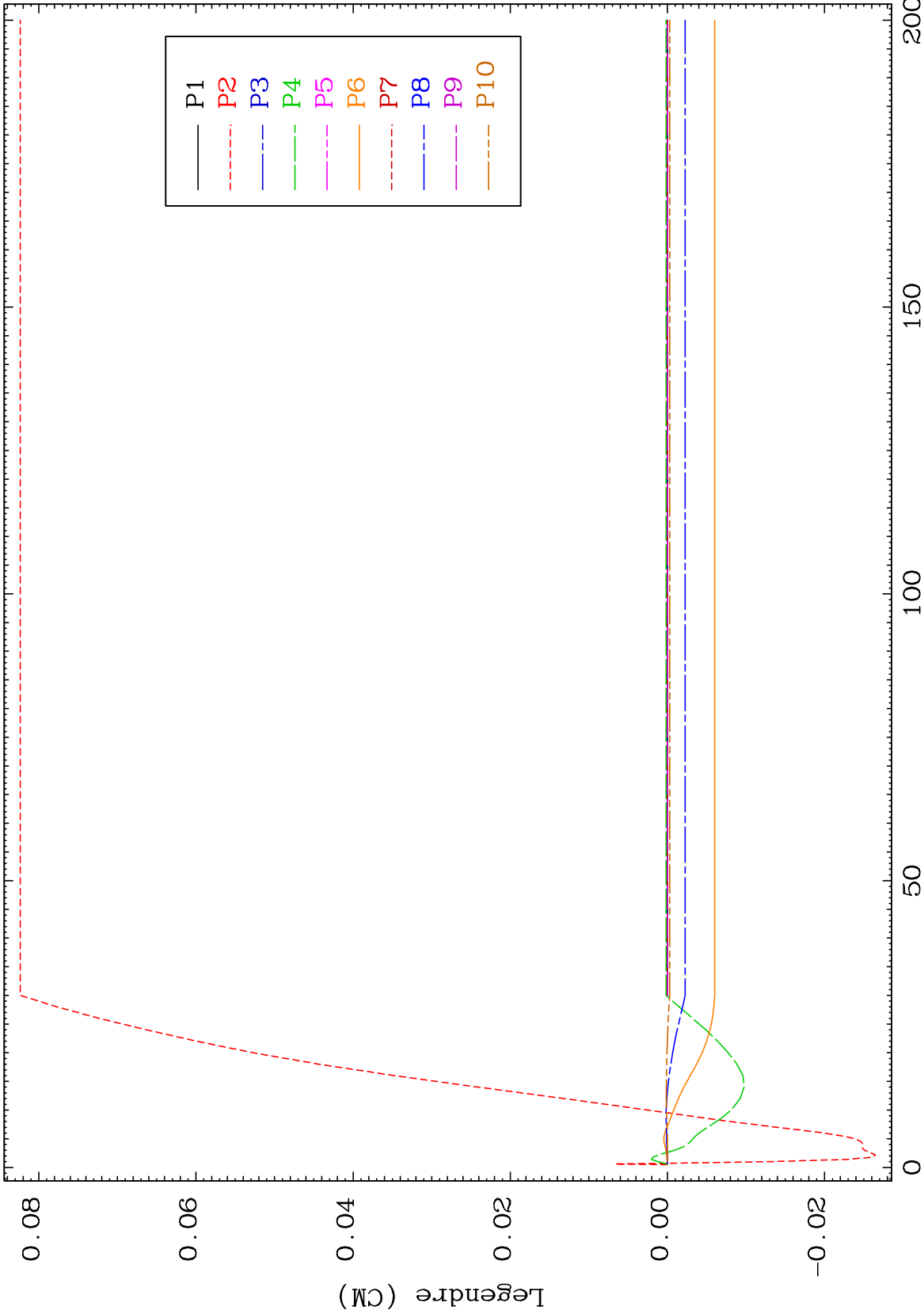


111 64-Gd-155

MAT 6434

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

64-Gd-155



112

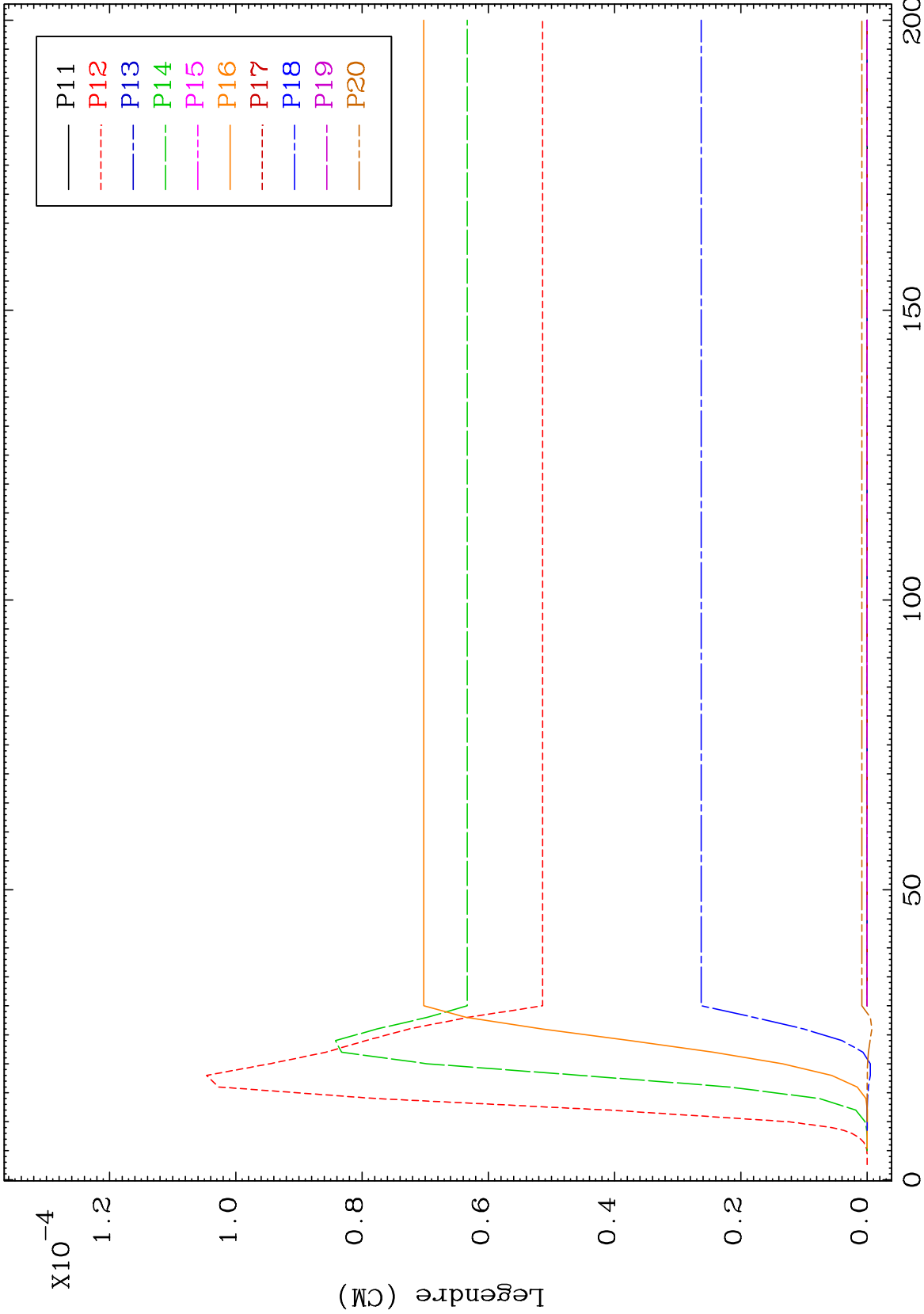
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

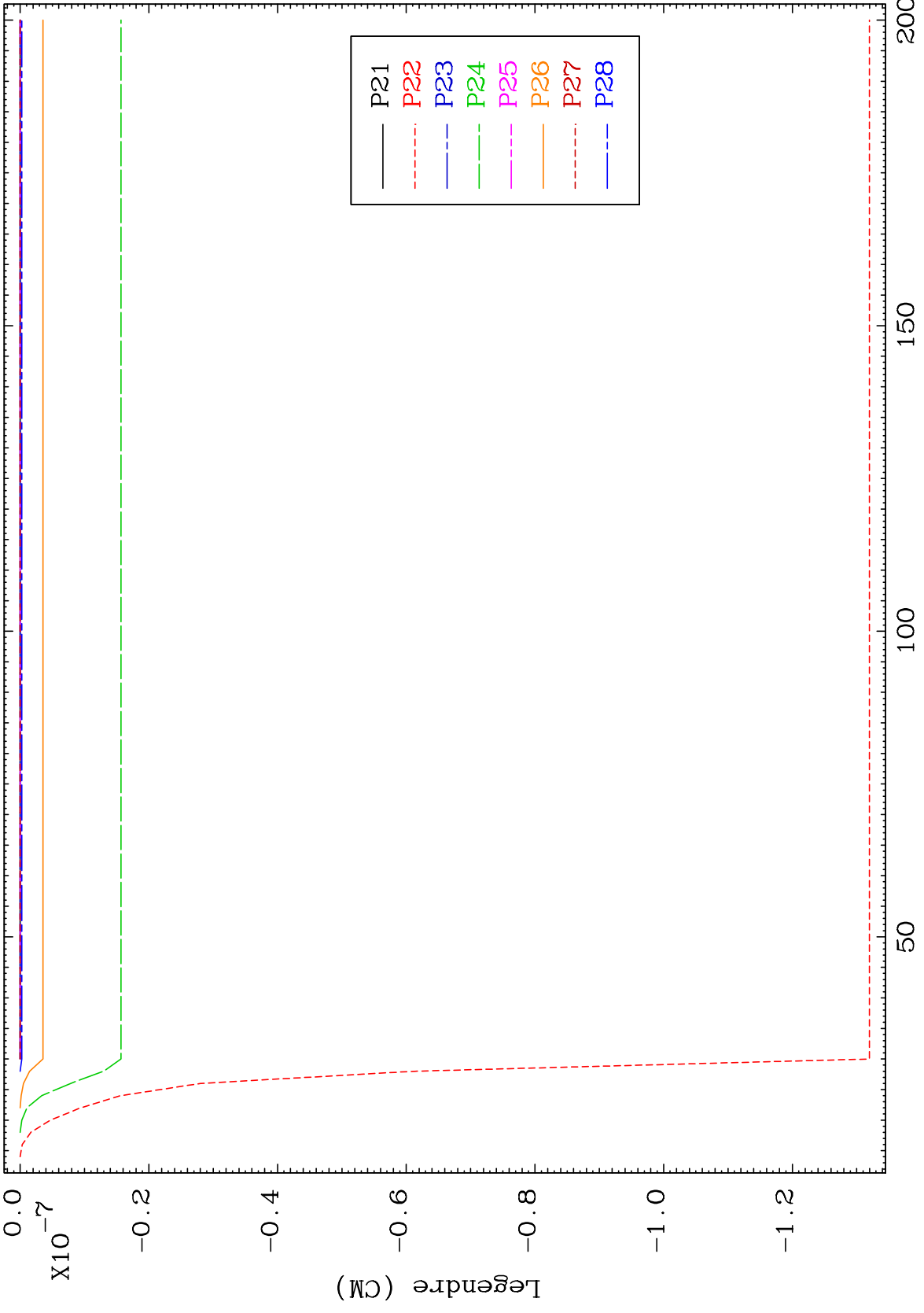
64-Gd-155



113

64-Gd-155

MAT 6434 MT= 80 (n,n') Level Legendre Coefficients 64-Gd-155



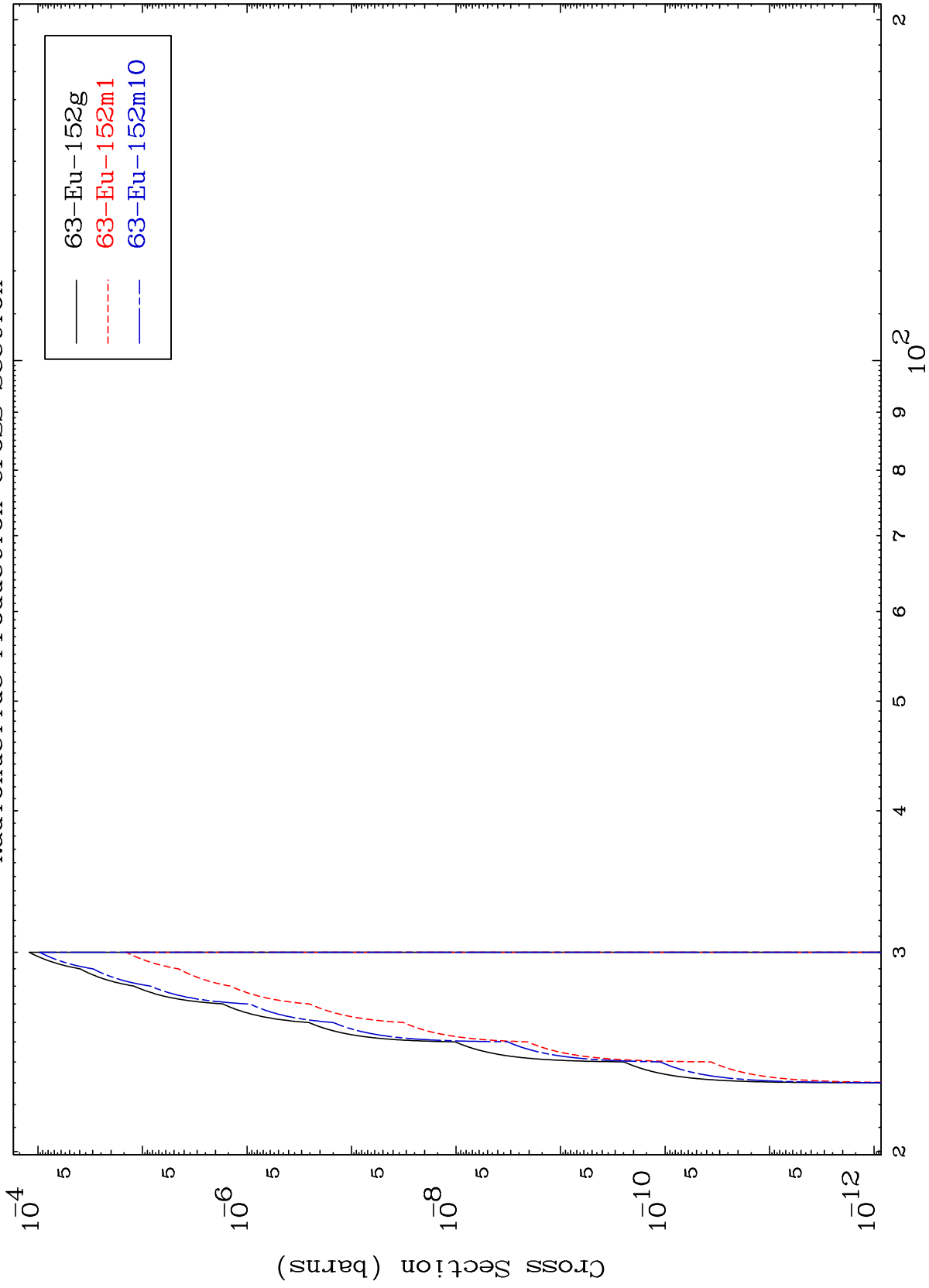
114 64-Gd-155

MAT 6434

(n,2n) d

64-Gd-155

Radionuclide Production Cross Section



115

Incident Energy (MeV)

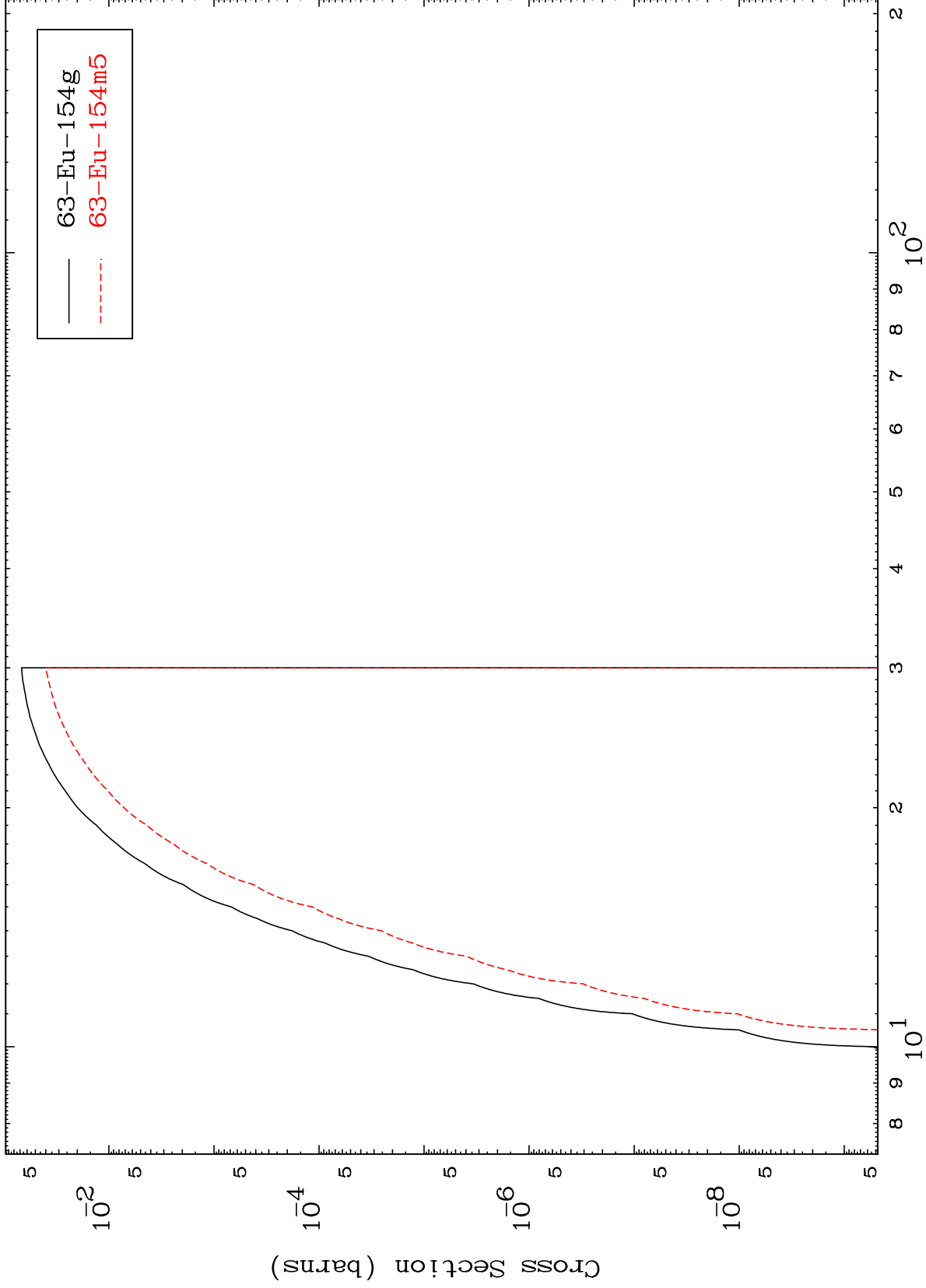
64-Gd-155

MAT 6434

(n,n') p

64-Gd-155

Radionuclide Production Cross Section



116

Incident Energy (MeV)

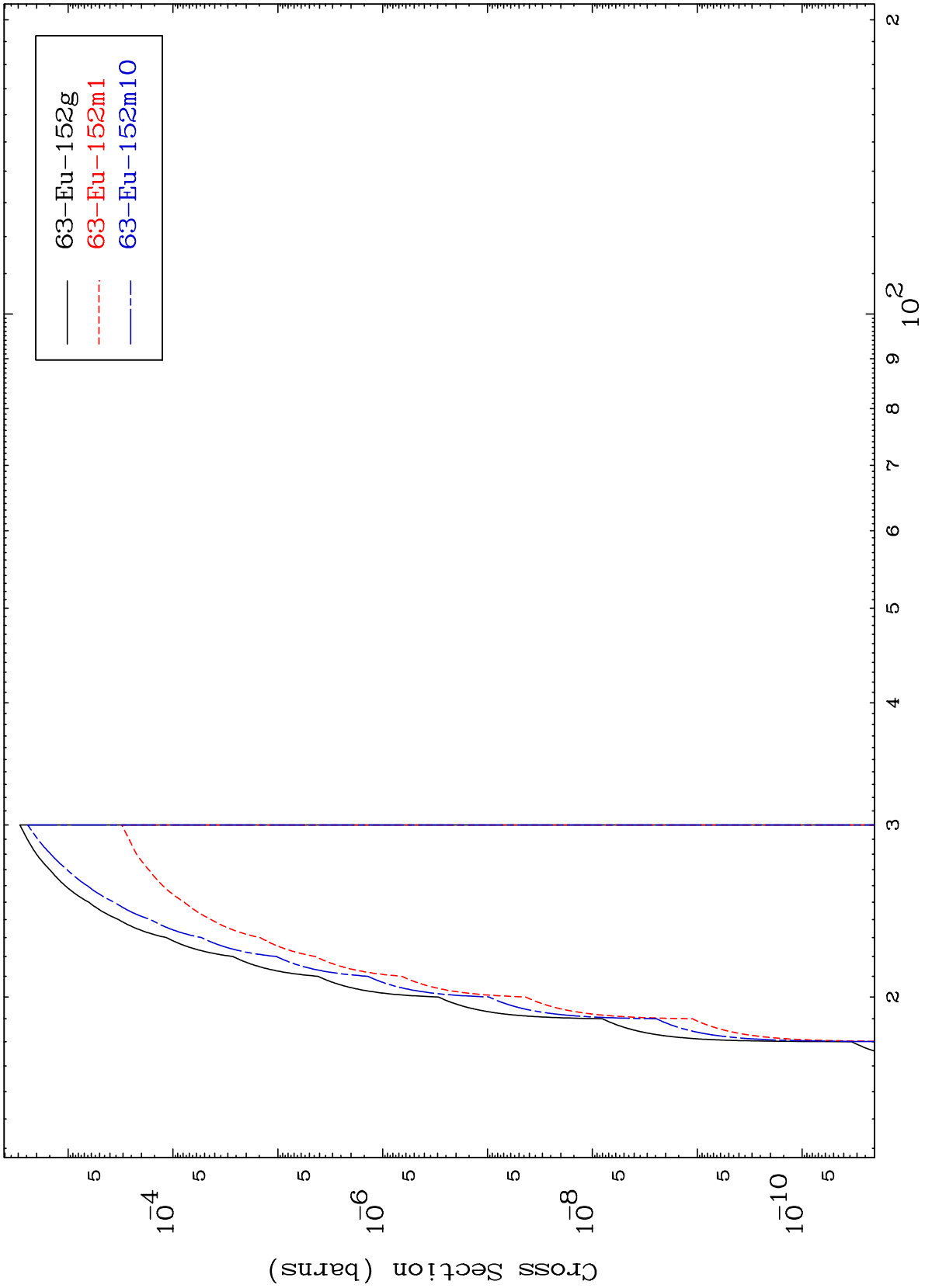
64-Gd-155

MAT 6434

(n,n') t

64-Gd-155

Radionuclide Production Cross Section

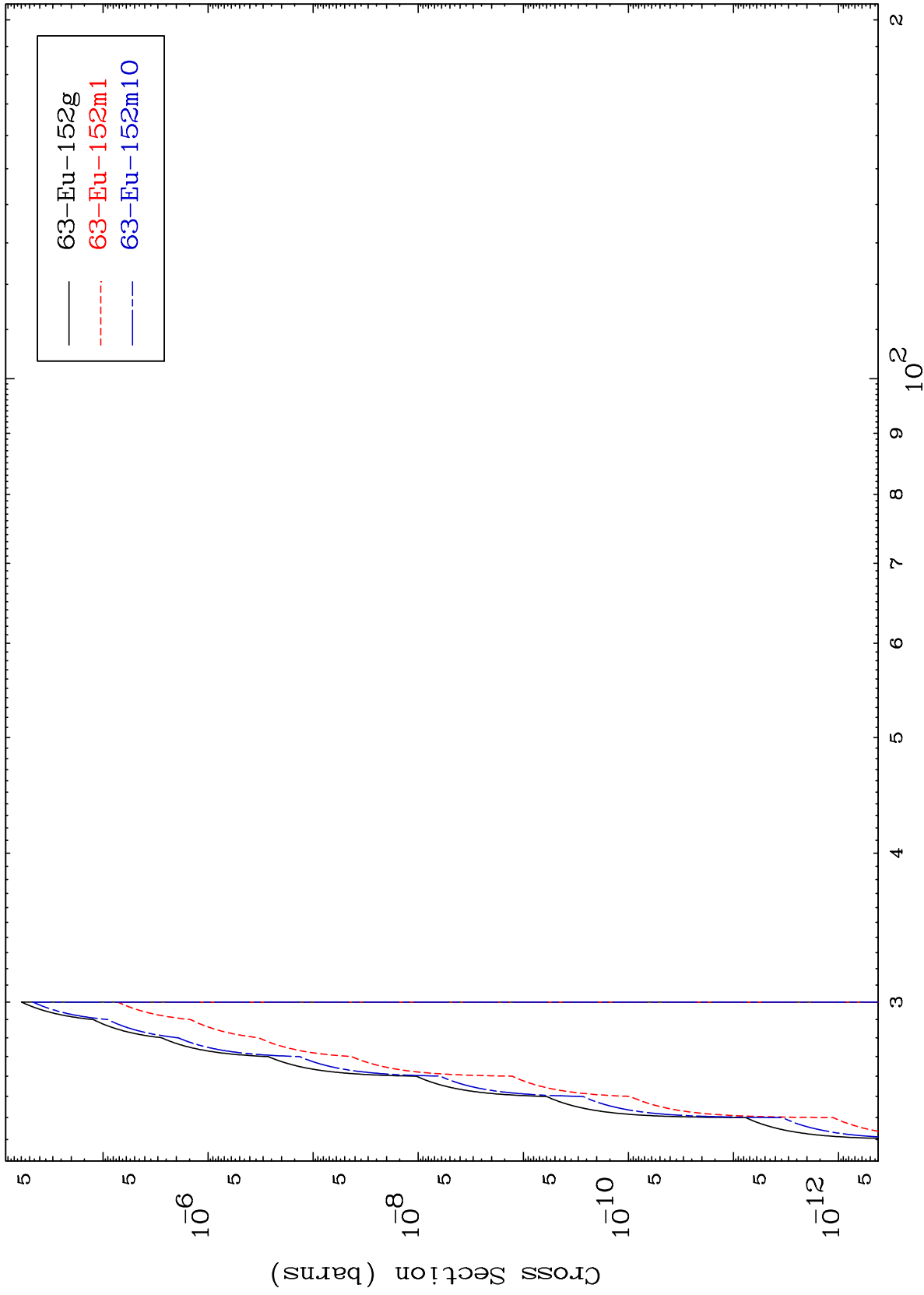


117

Incident Energy (MeV)

64-Gd-155

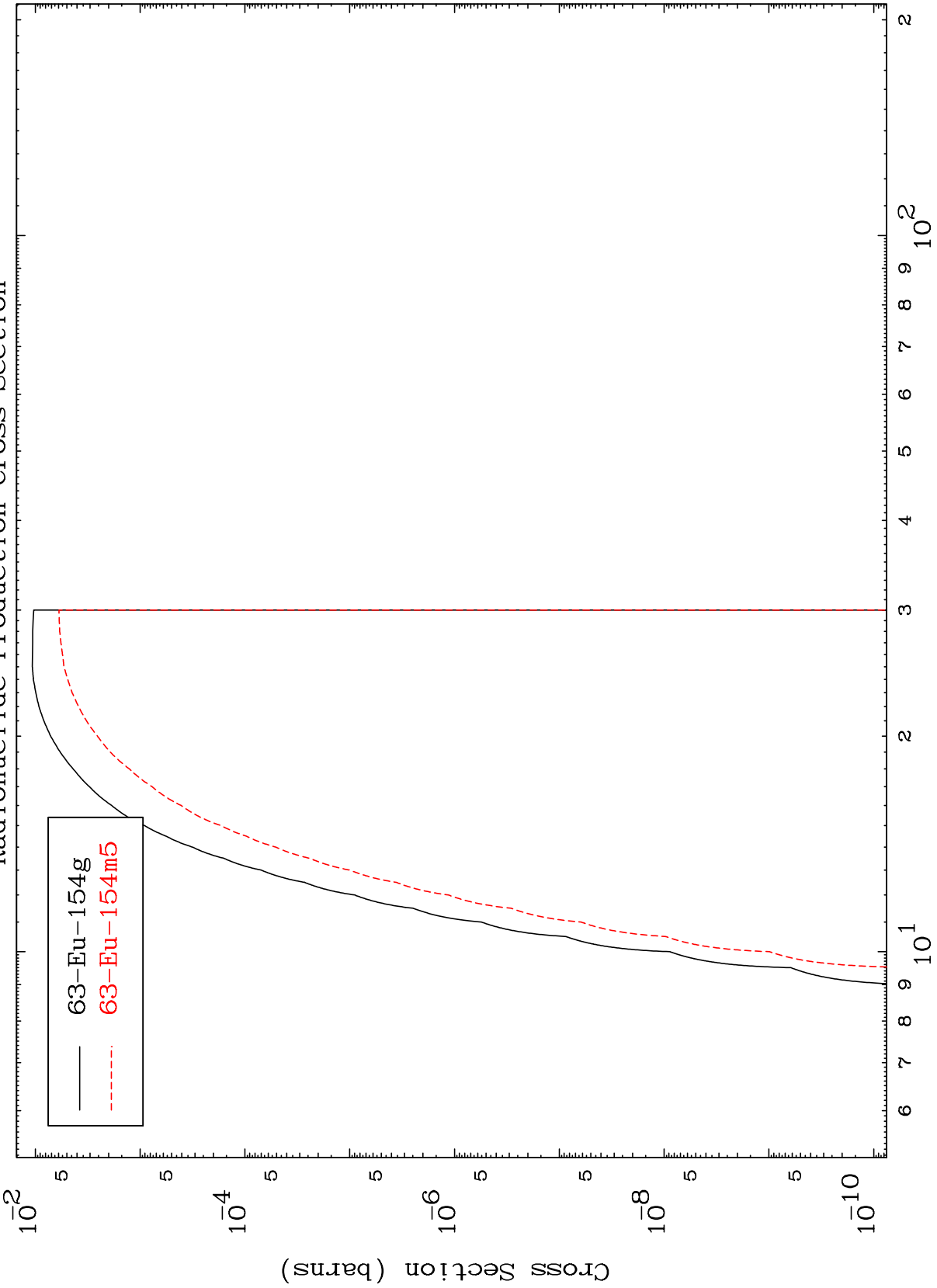
Radionuclide Production Cross Section



MAT 6434

64-Gd-155

Radionuclide Production Cross Section (n,d)



63-Eu-154g
63-Eu-154m5

119

Incident Energy (MeV)

64-Gd-155