

Program EVALPLOT
(Version 2018-1)

by

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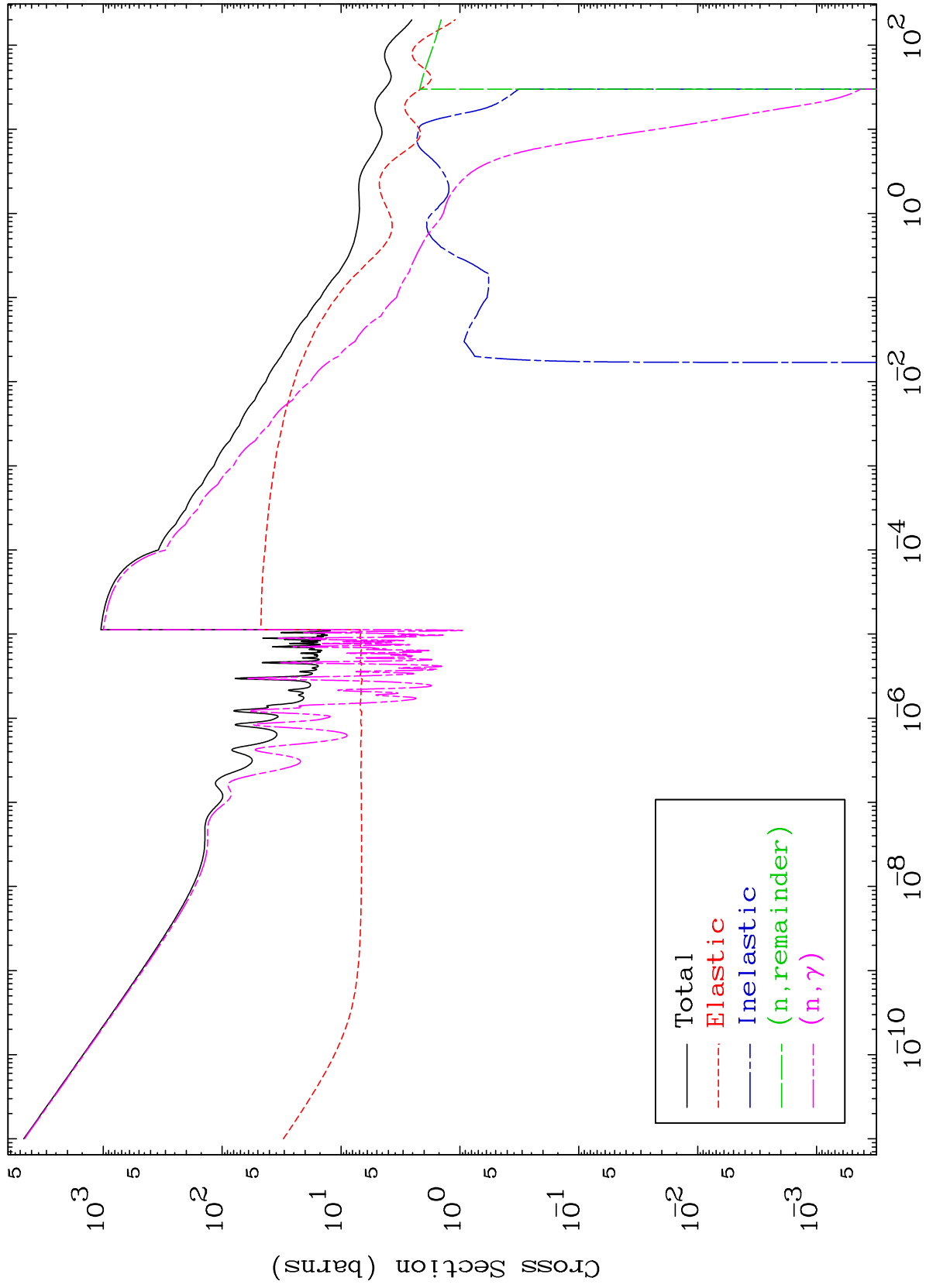
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7089

Major
293 Kelvin Cross Sections

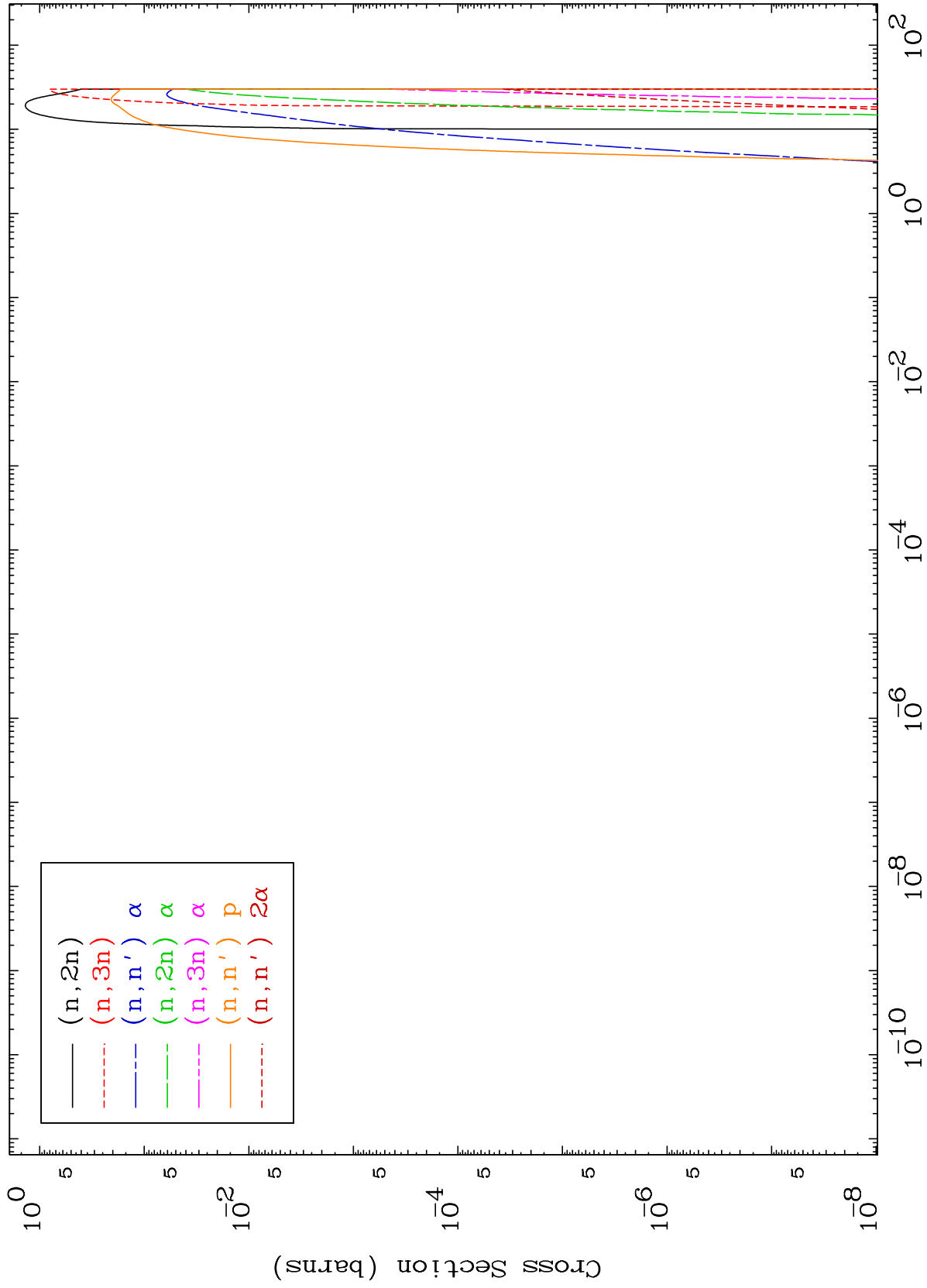
71-Lu-163

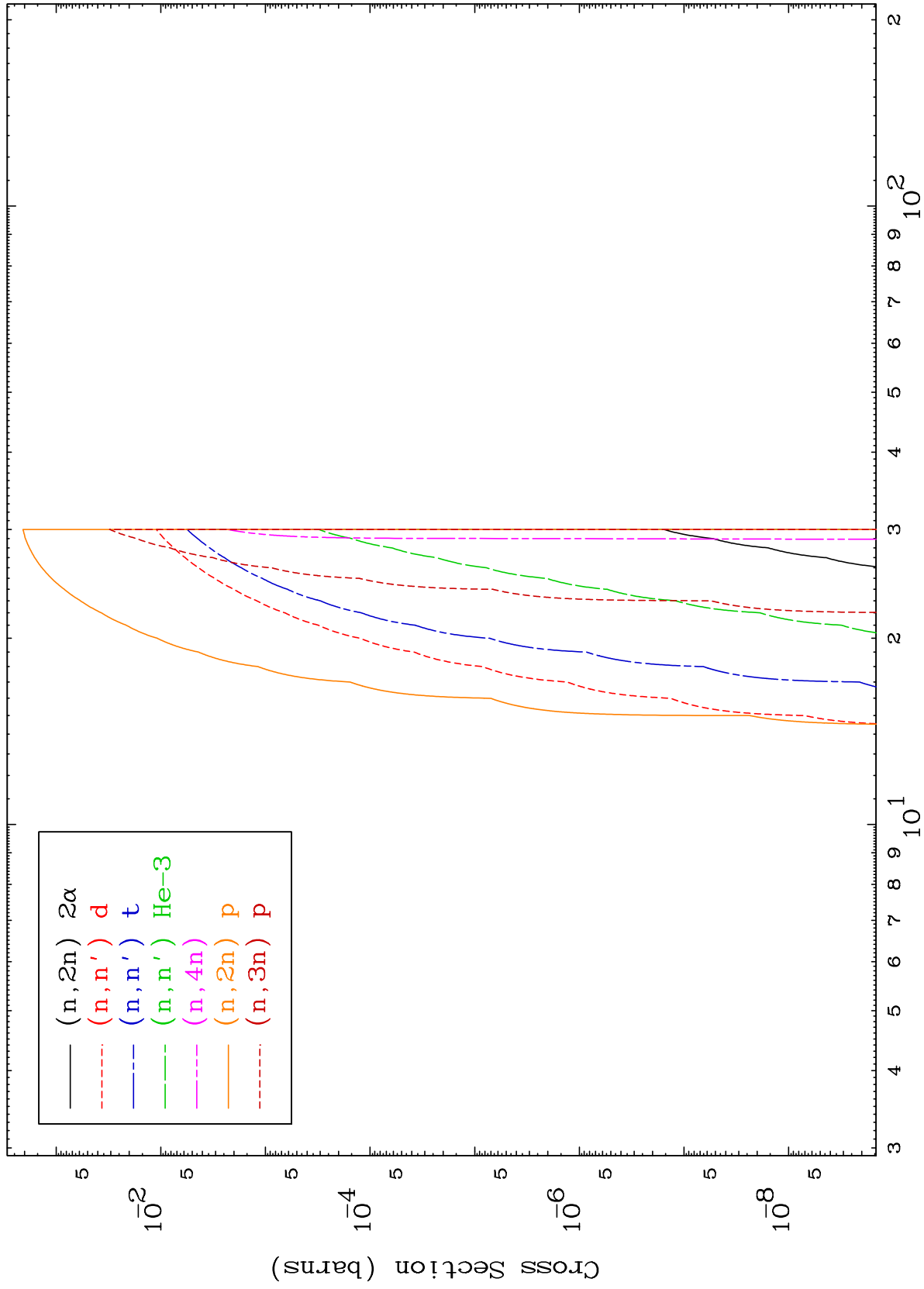


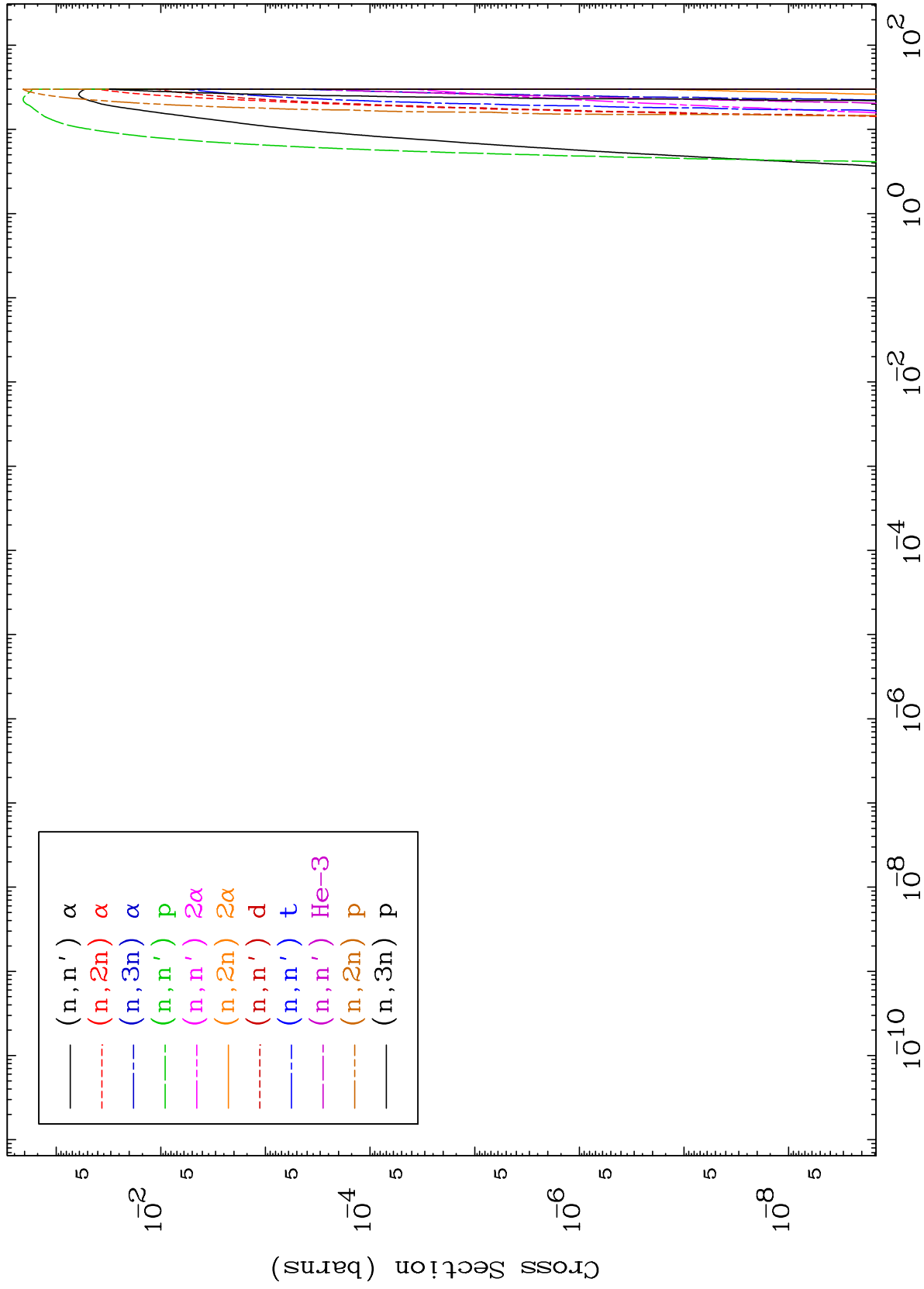
MAT 7089

Neutron Production
293 Kelvin Cross Sections

71-Lu-163



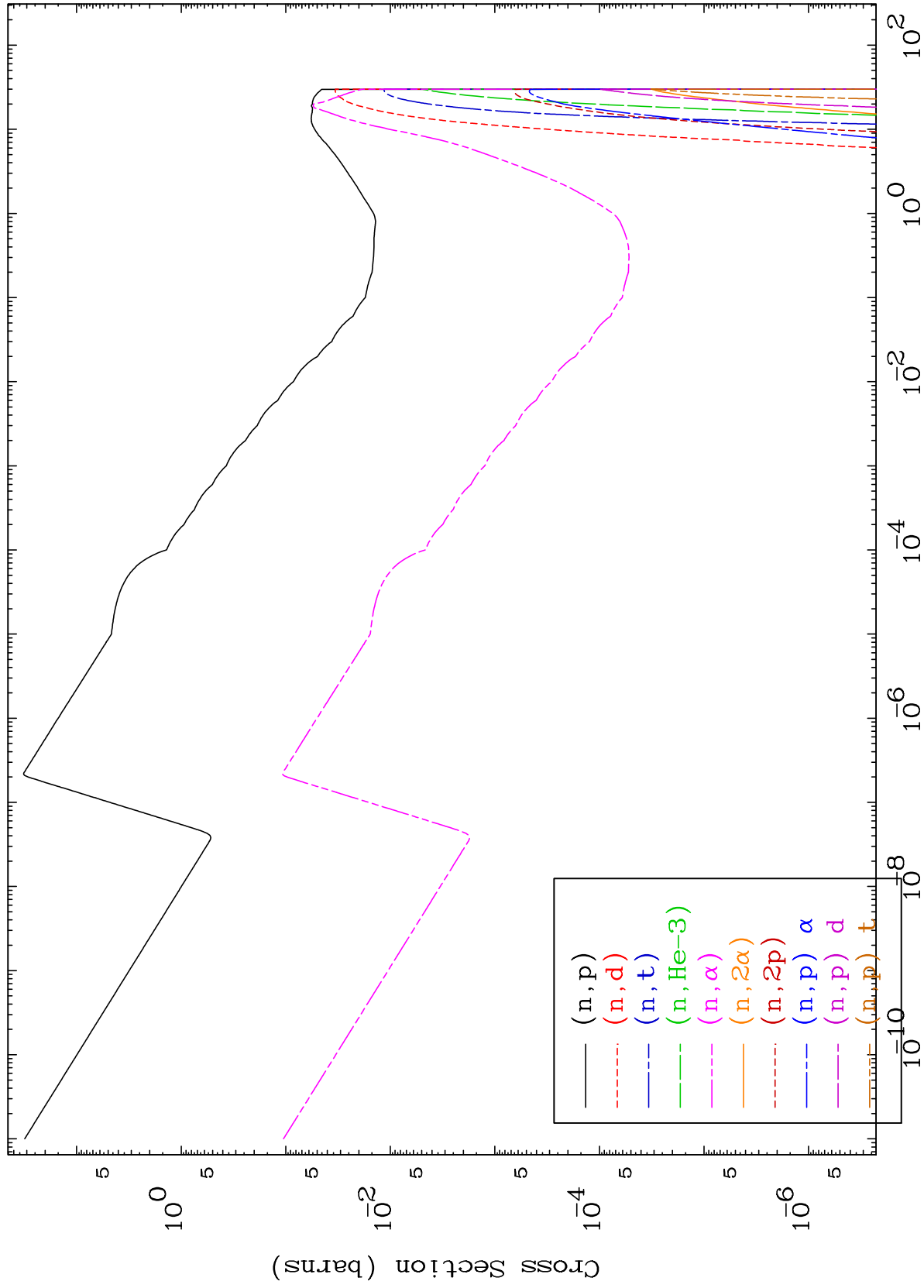




MAT 7089

293 Kelvin Cross Sections

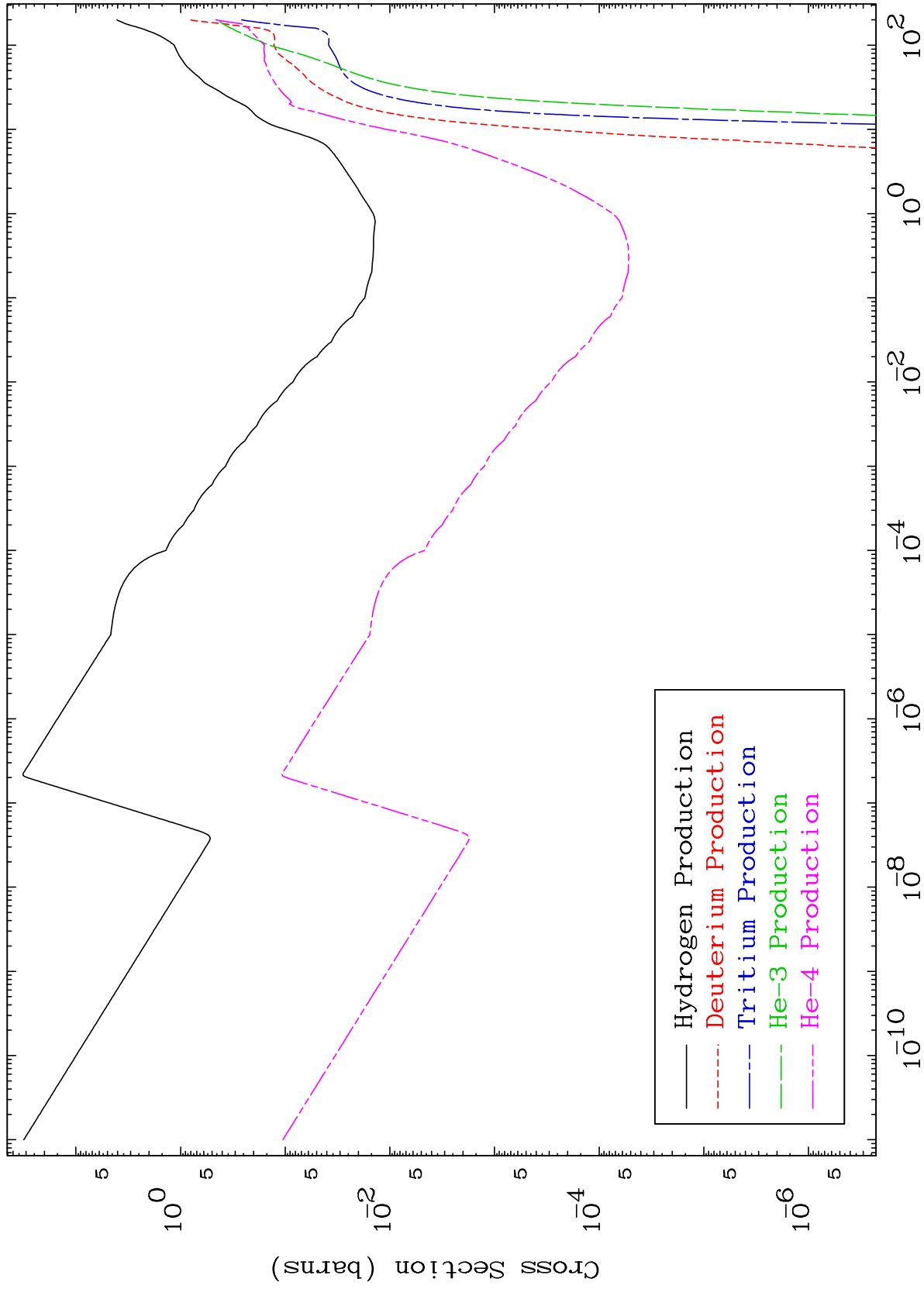
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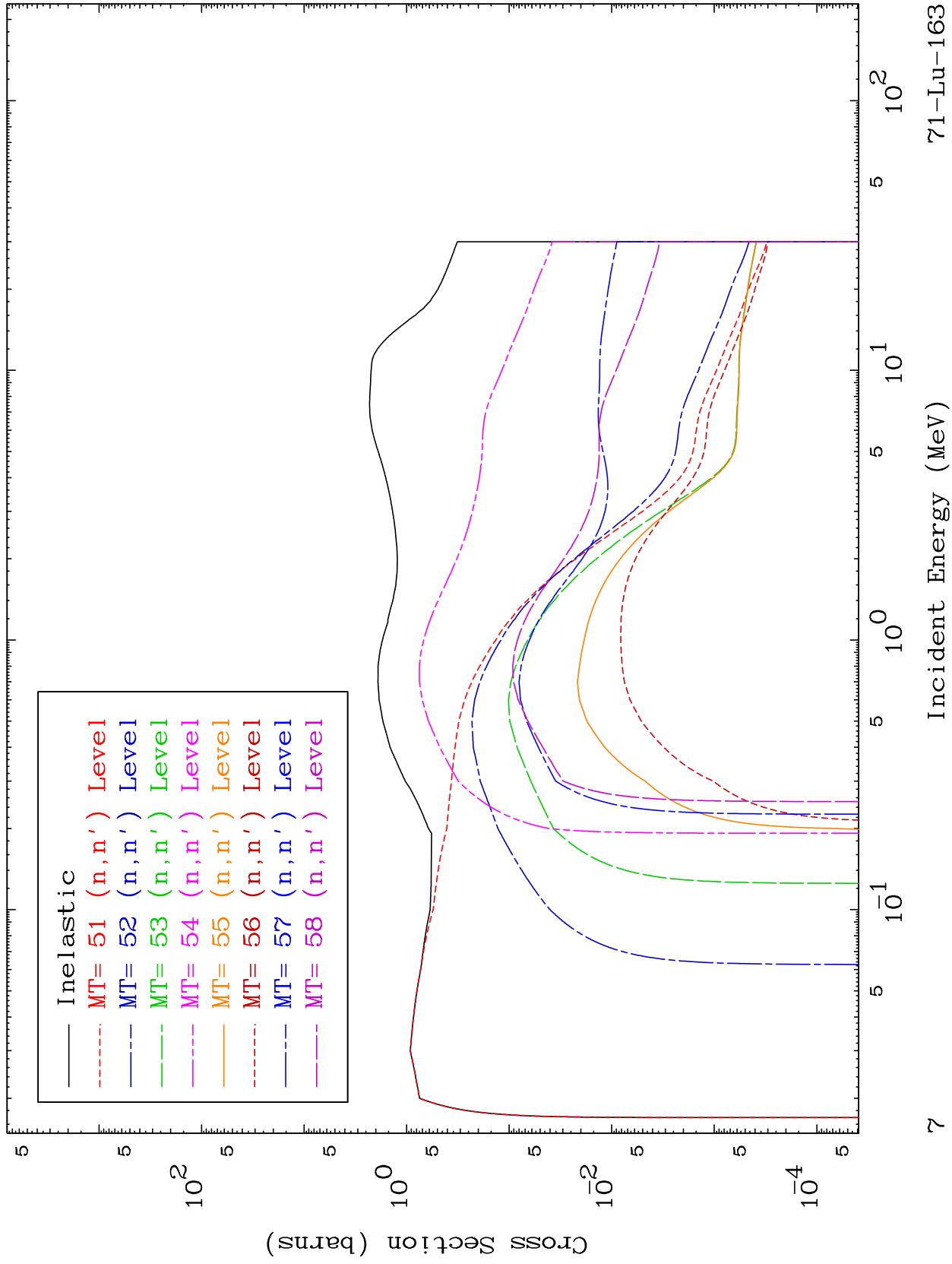


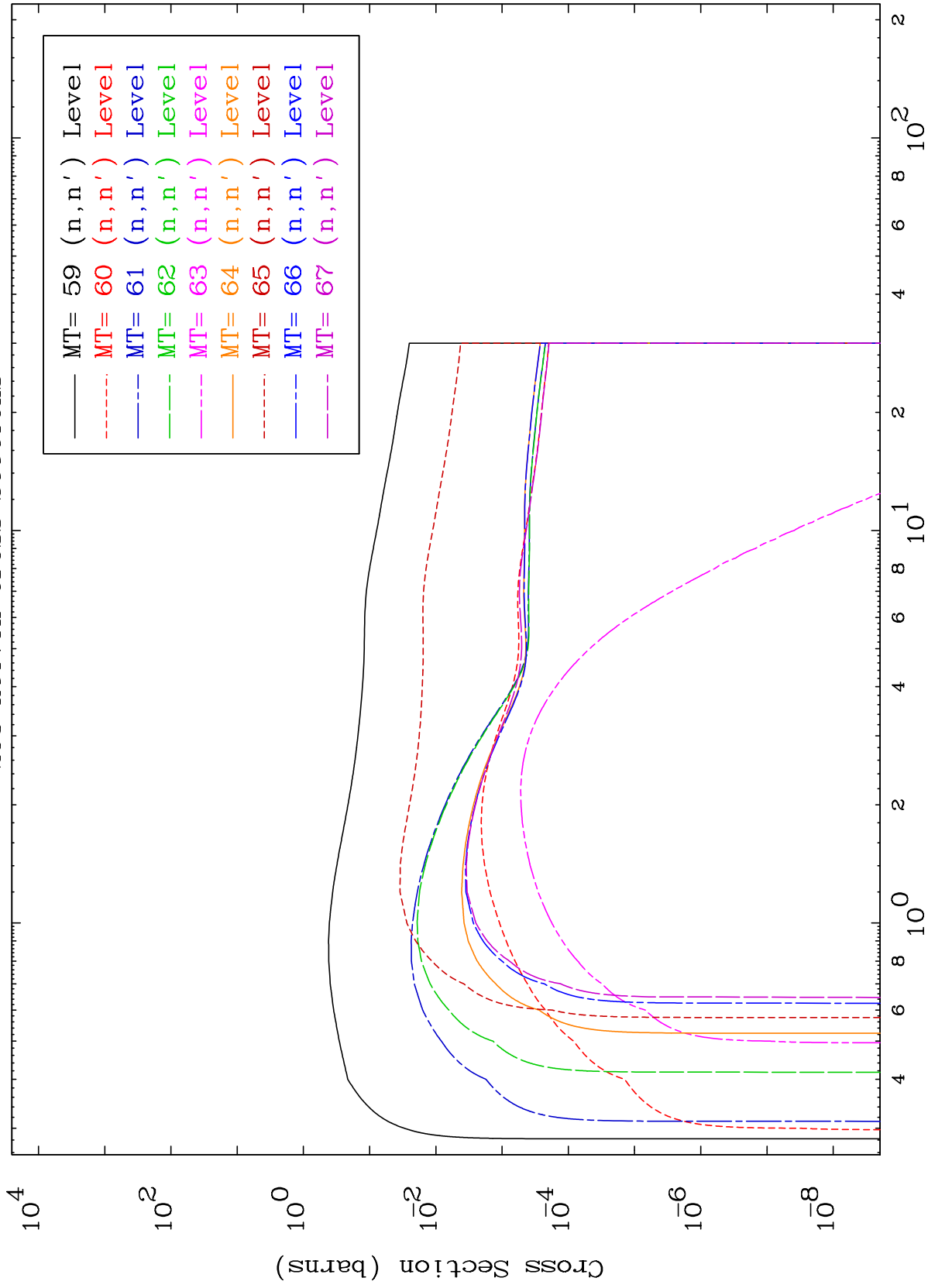
5

Incident Energy (MeV)

71-Lu-163



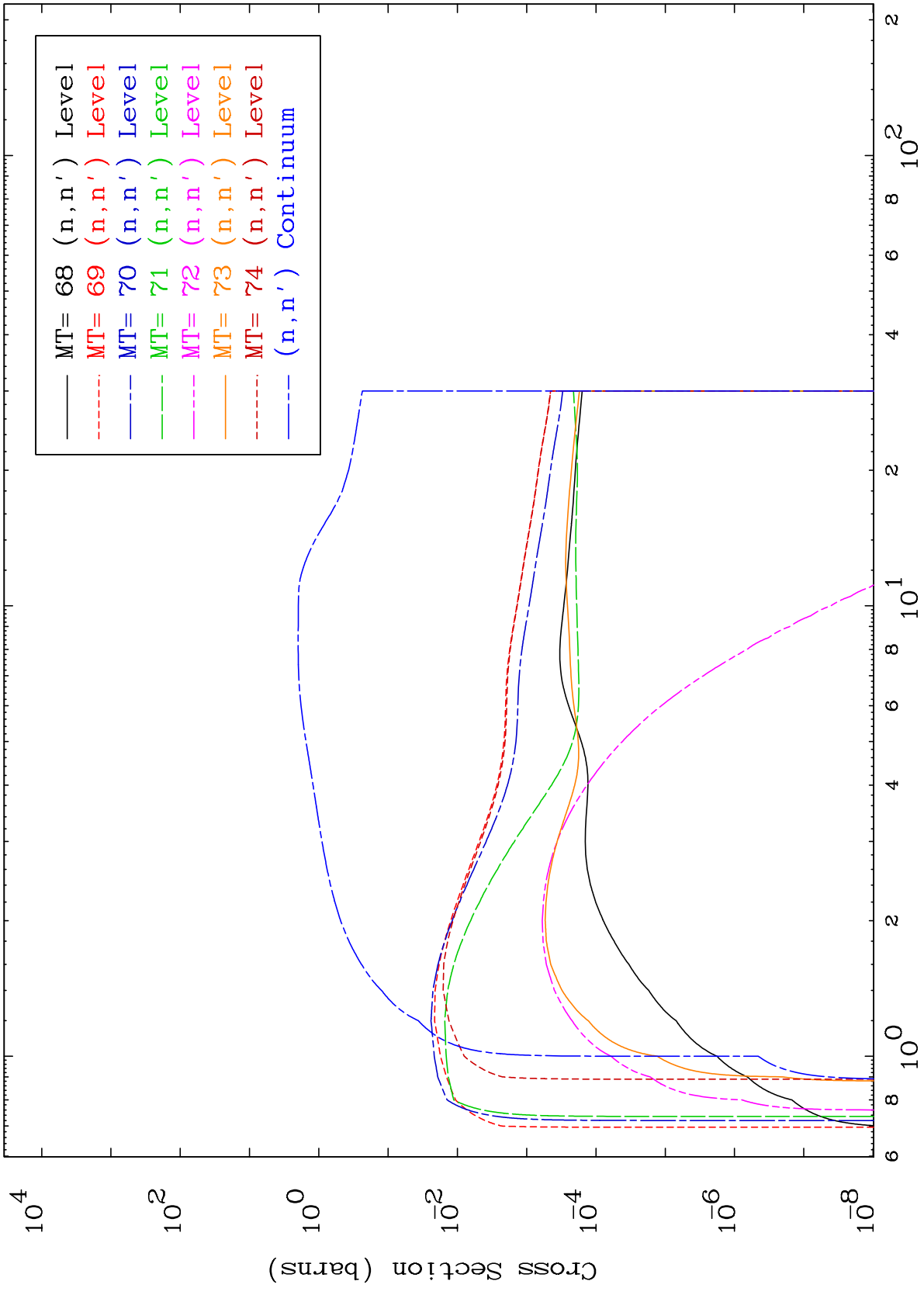




MAT 7089

(n,n') Level
293 Kelvin Cross Sections

71-Lu-163



9

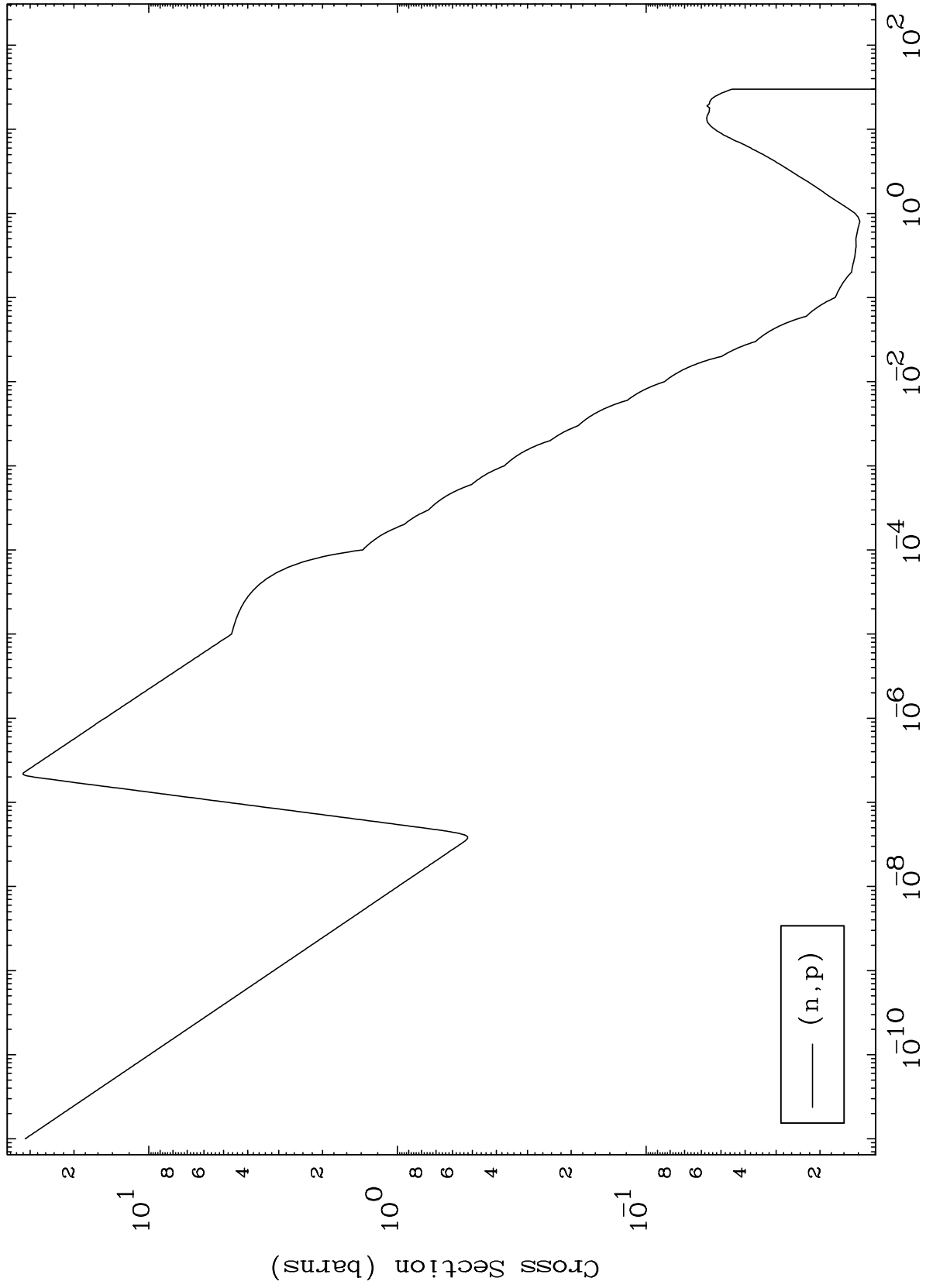
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-163



10

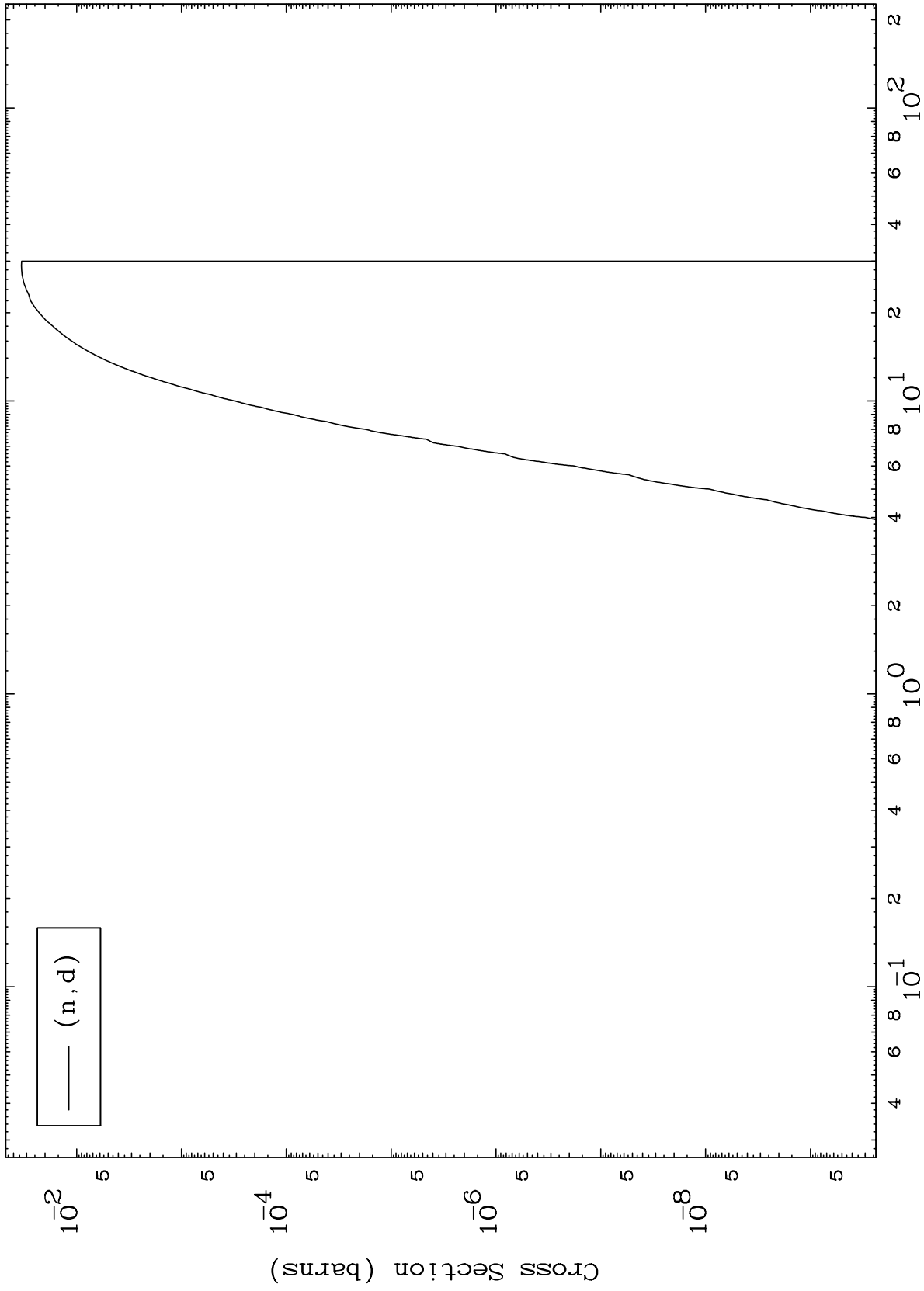
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,d) Levels
293 Kelvin Cross Sections

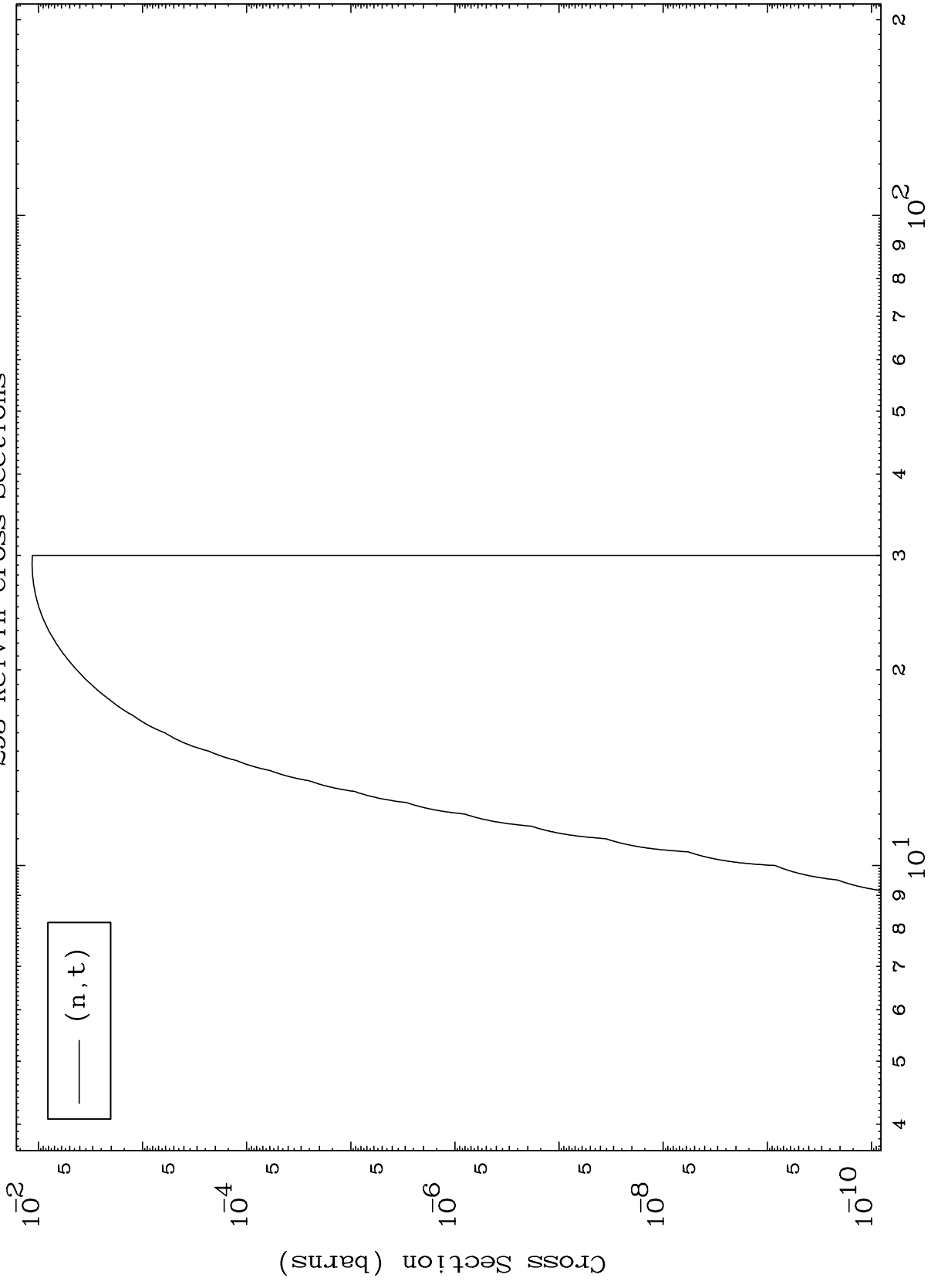
71-Lu-163



MAT 7089

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-163



12

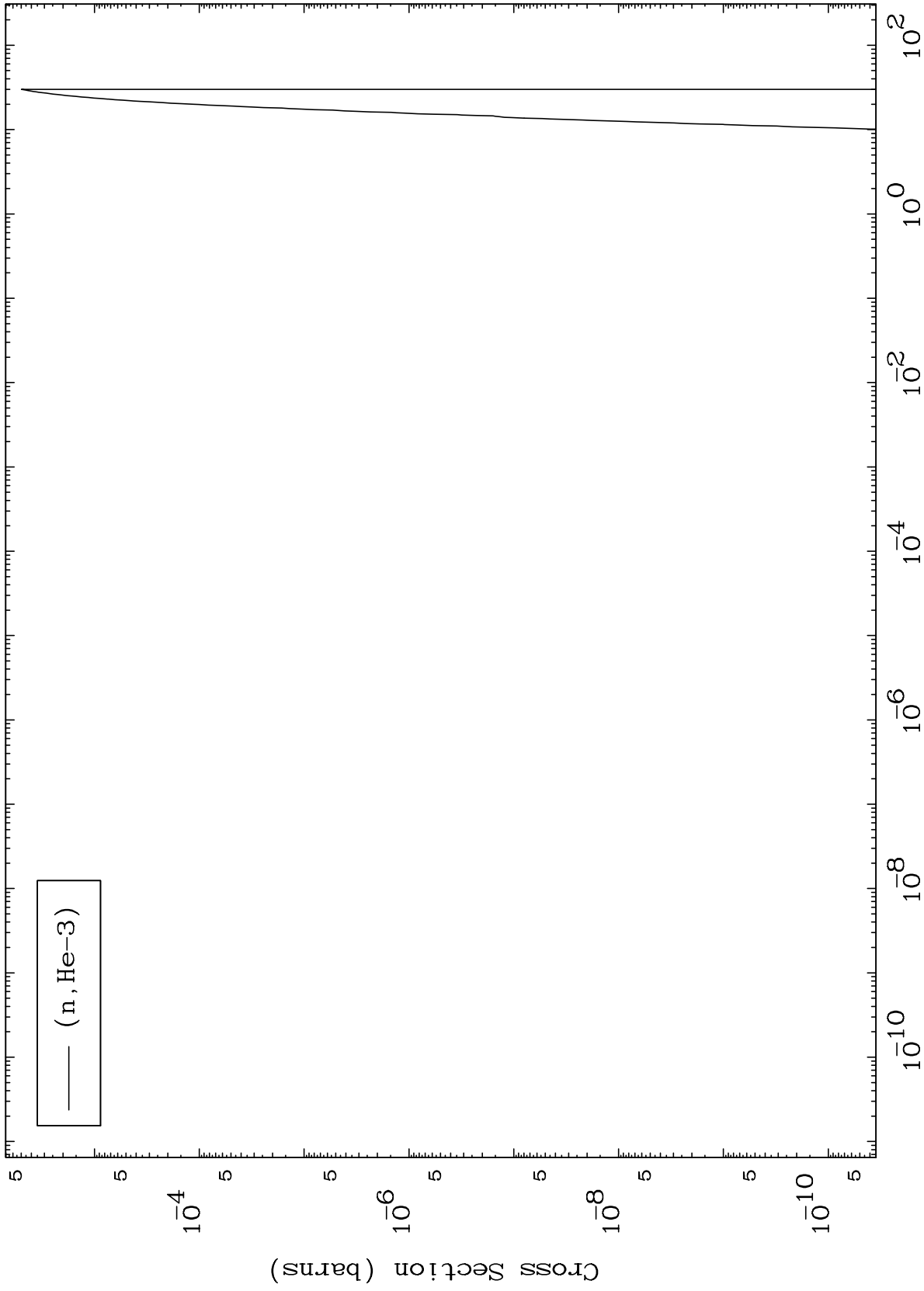
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-163



13

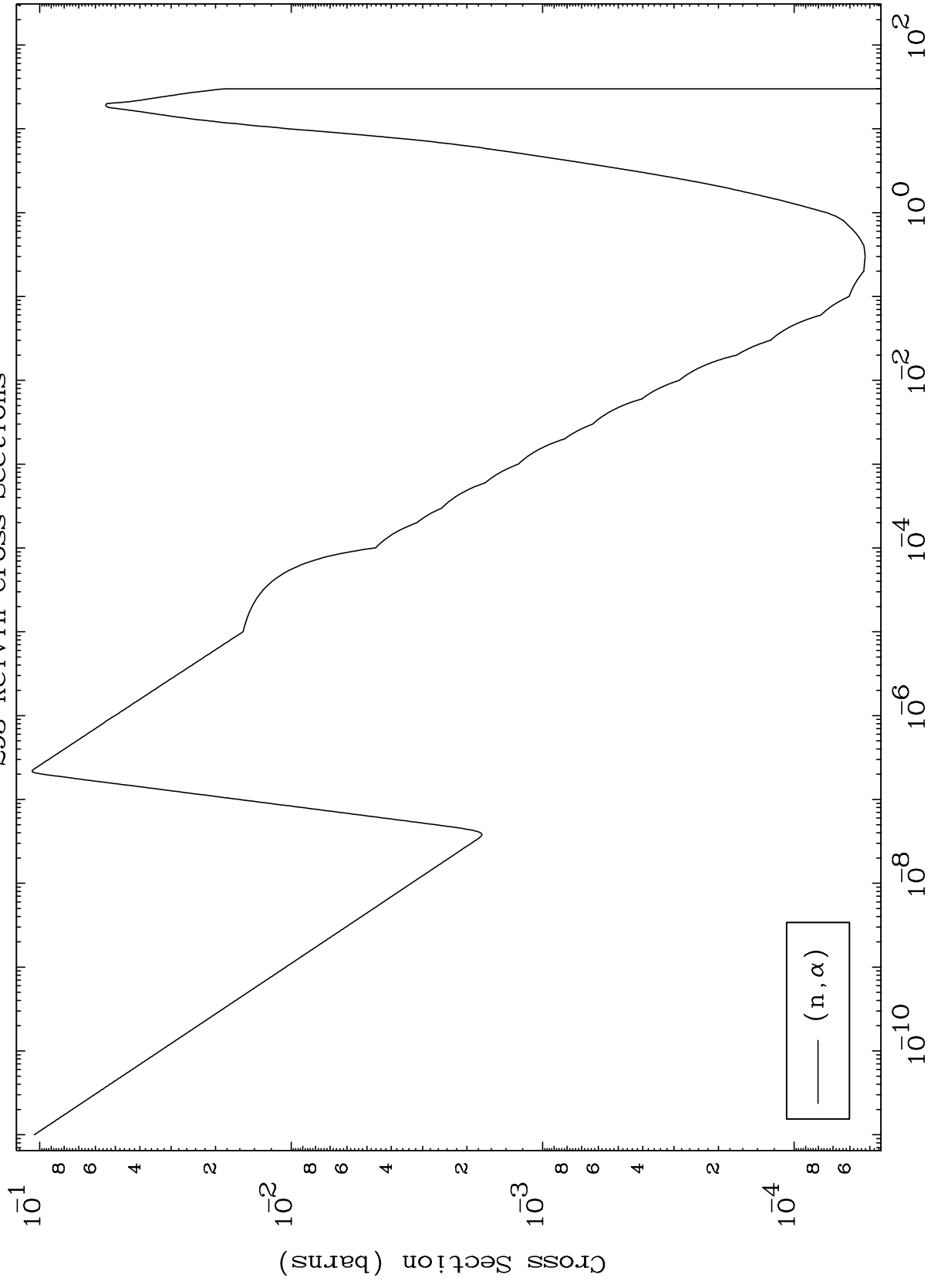
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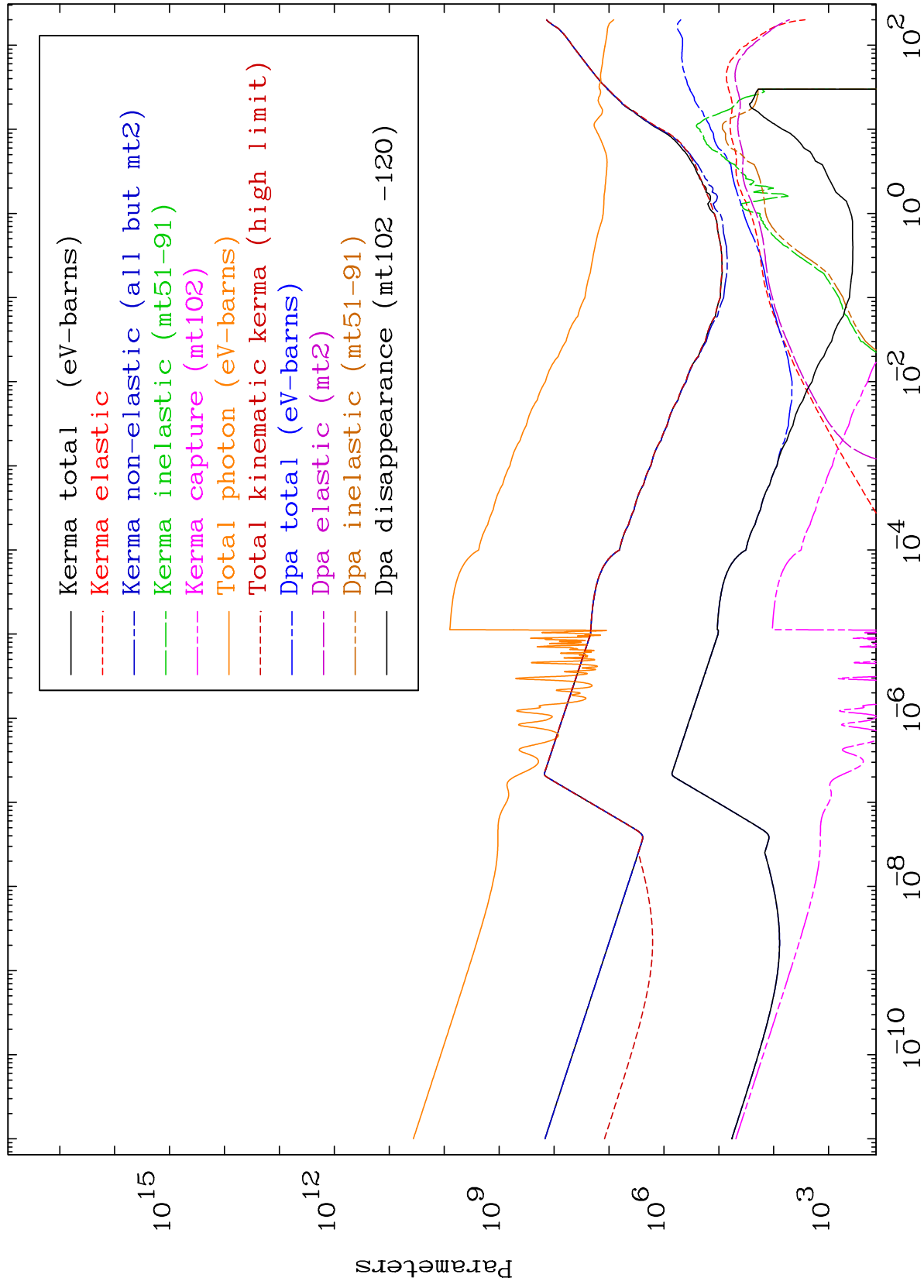
71-Lu-163

MAT 7089

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-163

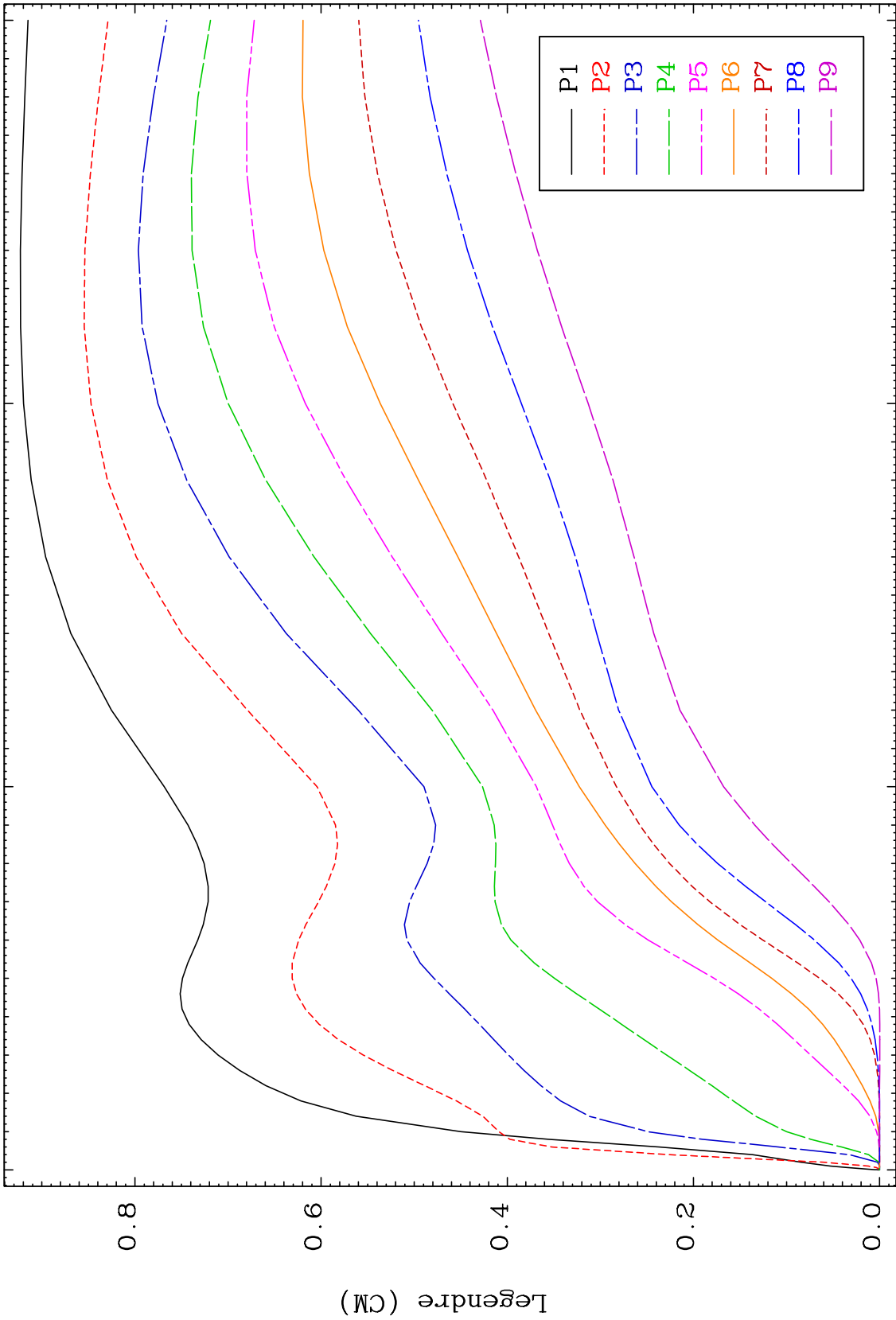




MAT 7089

71-Lu-163

Elastic Legendre Coefficients



16

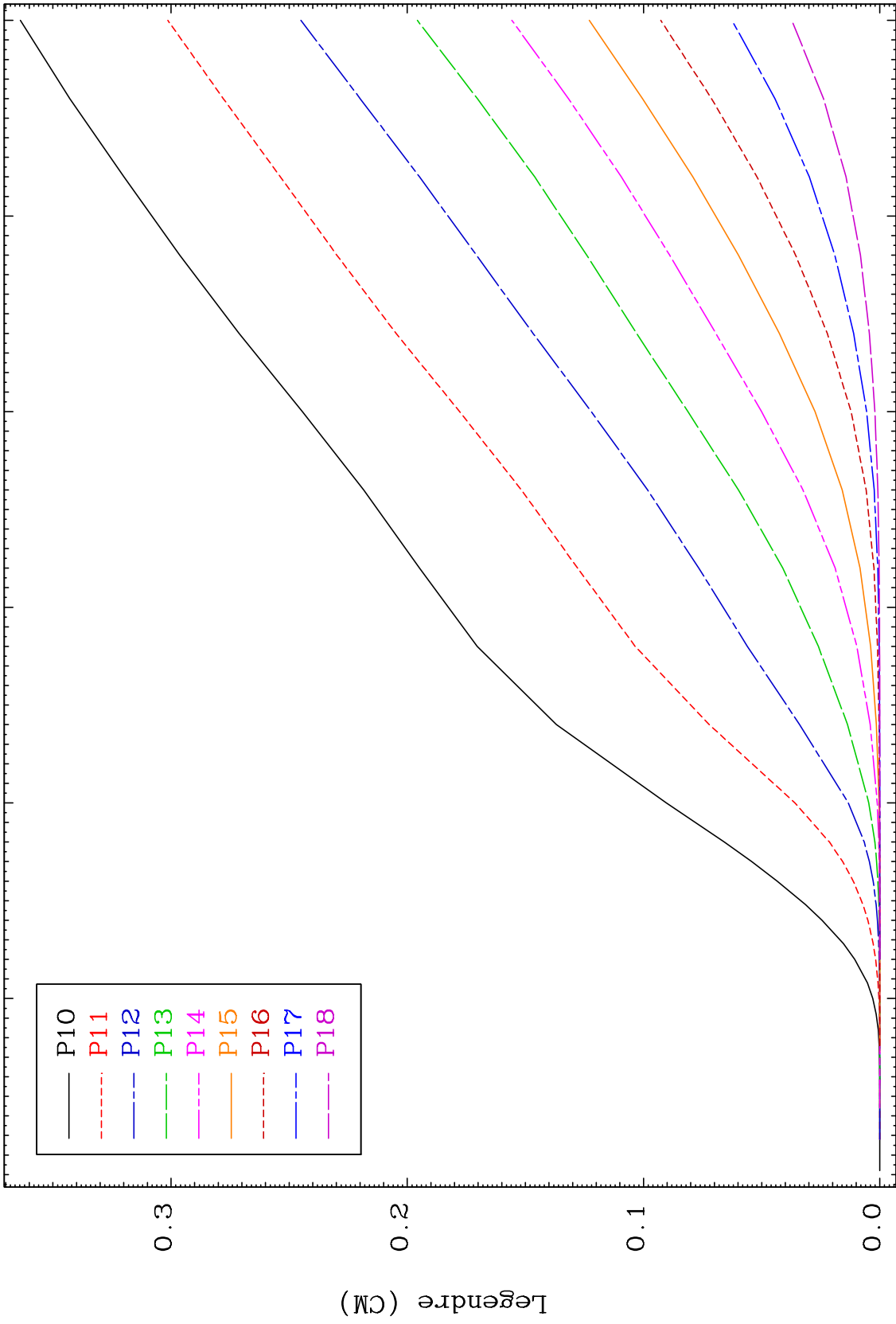
Incident Energy (MeV)

71-Lu-163

MAT 7089

Elastic Legendre Coefficients

71-Lu-163



17

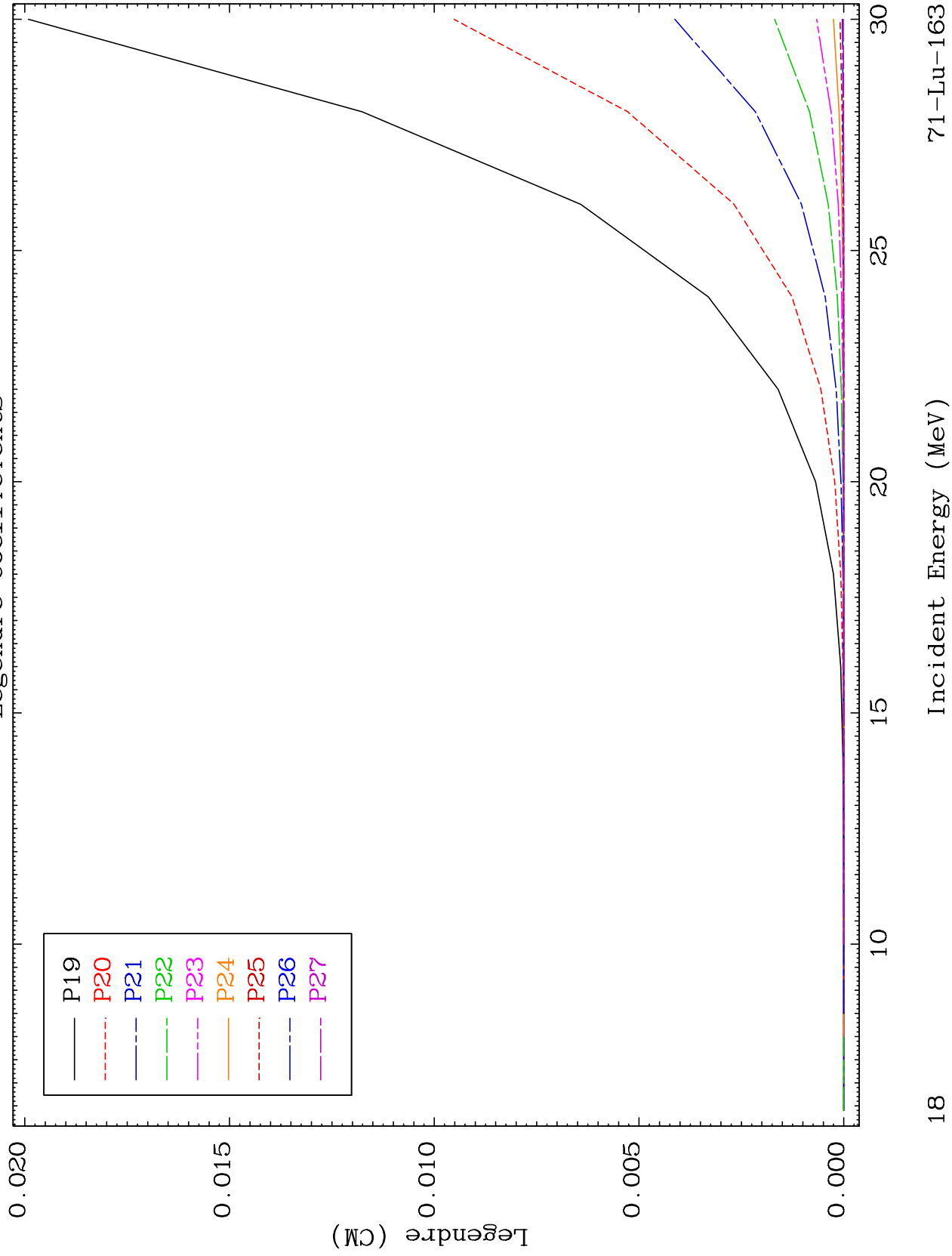
Incident Energy (MeV)

71-Lu-163

MAT 7089

Elastic
Legendre Coefficients

71-Lu-163



18

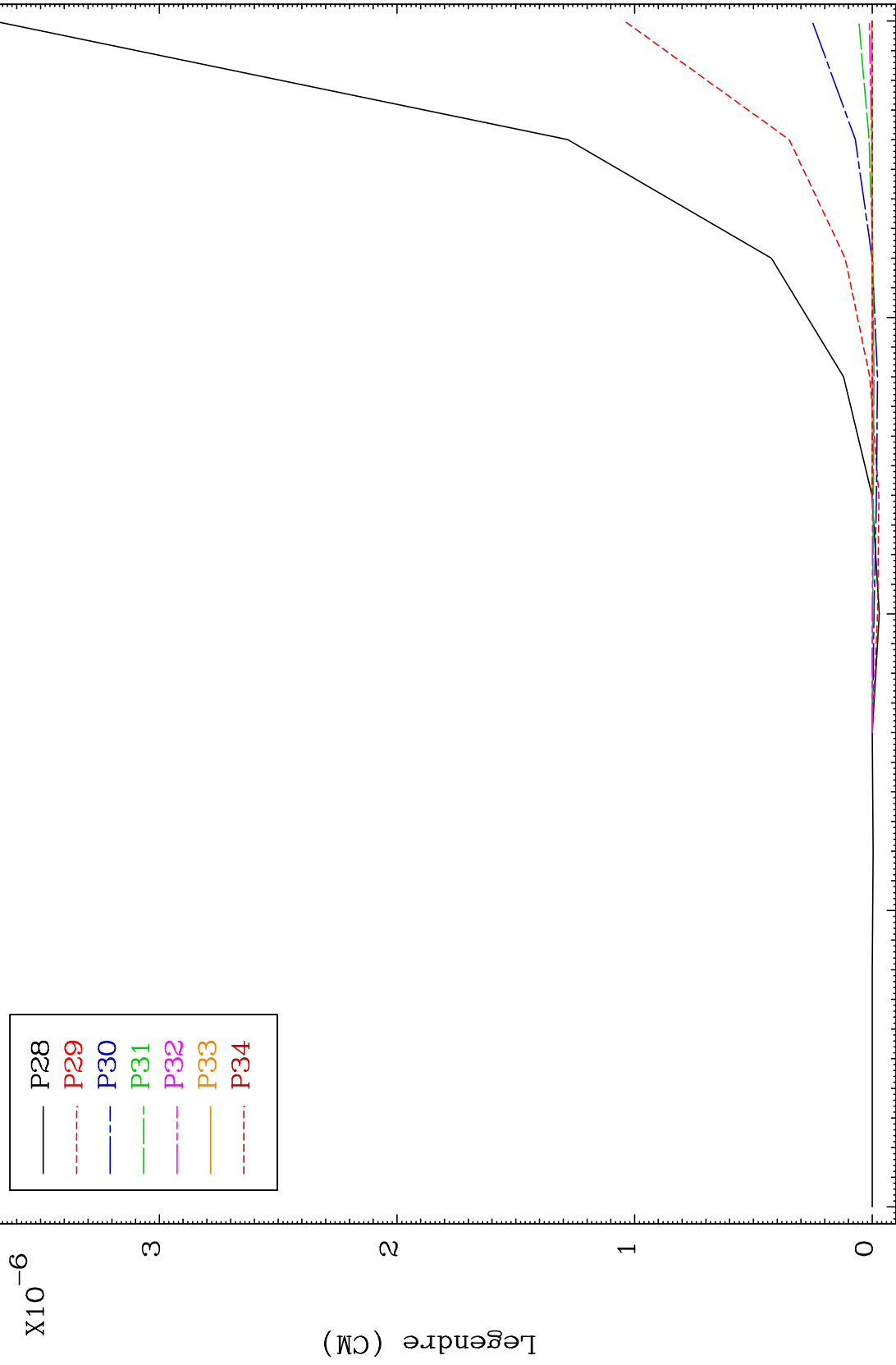
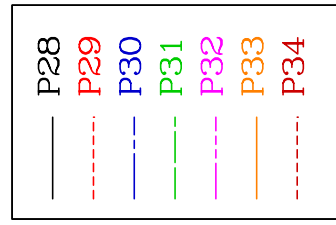
Incident Energy (MeV)

71-Lu-163

MAT 7089

Elastic Legendre Coefficients

71-Lu-163



19

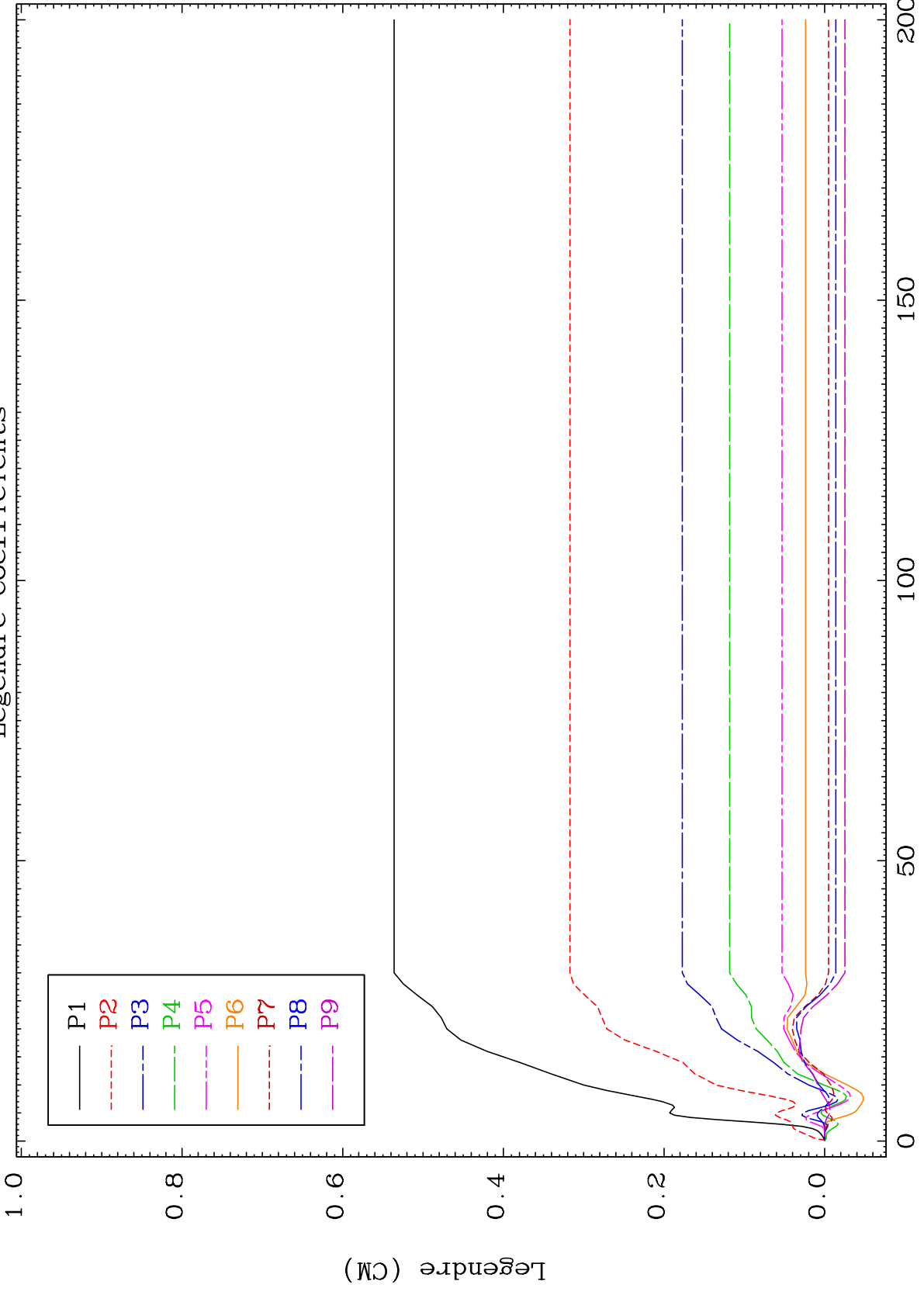
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



71-Lu-163

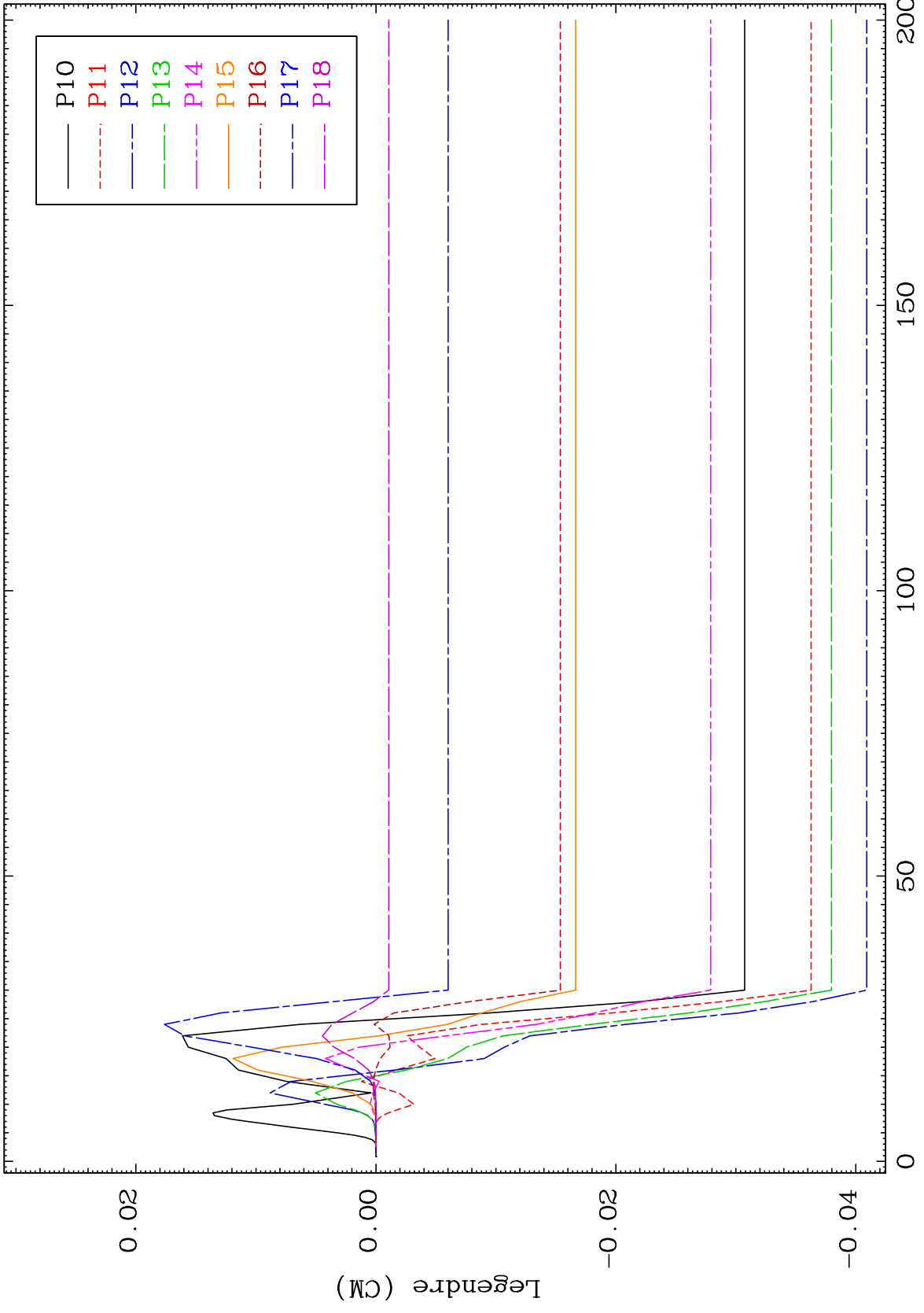
Incident Energy (MeV)

20

MAT 7089

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

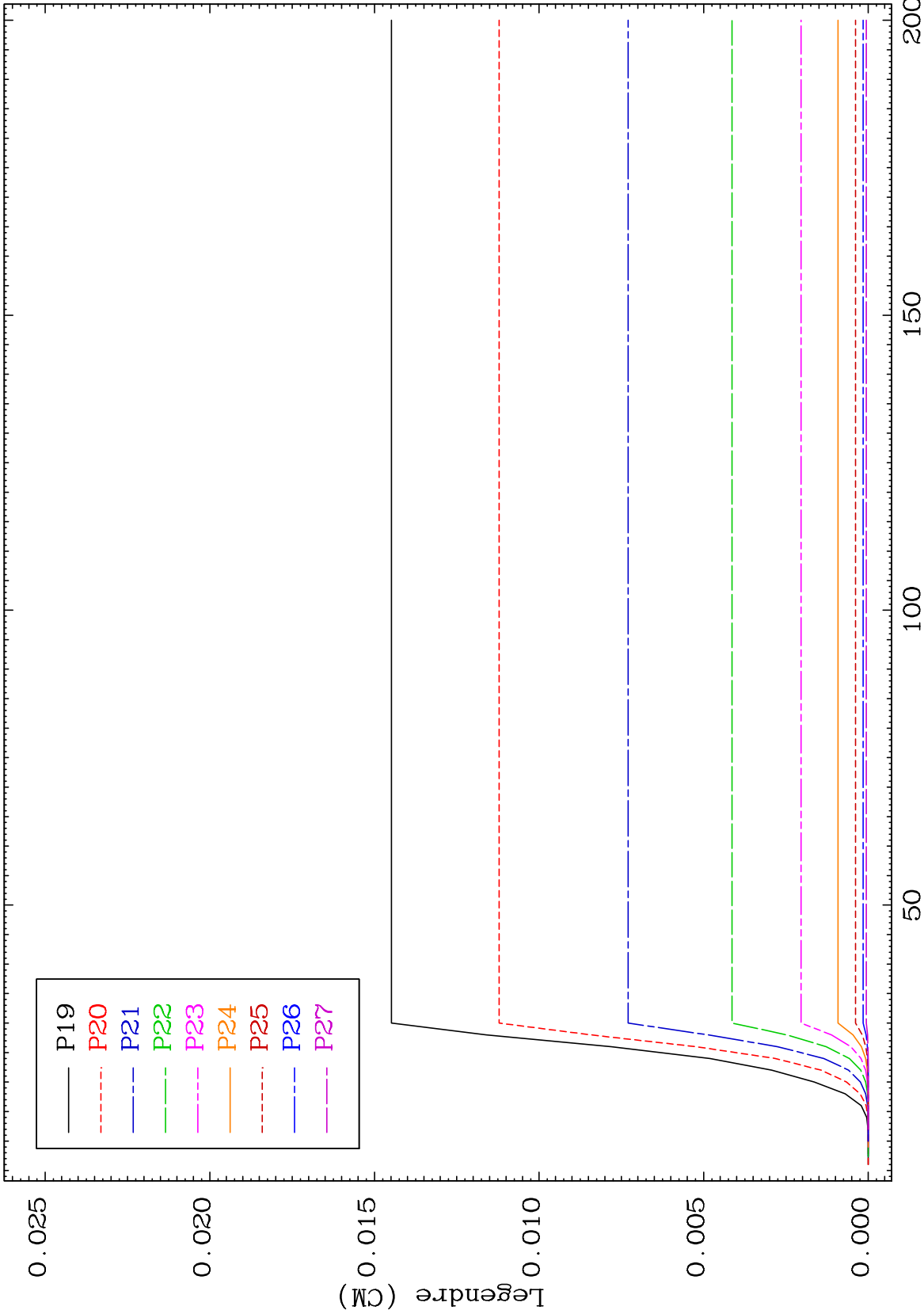
71-Lu-163



21

Incident Energy (MeV)

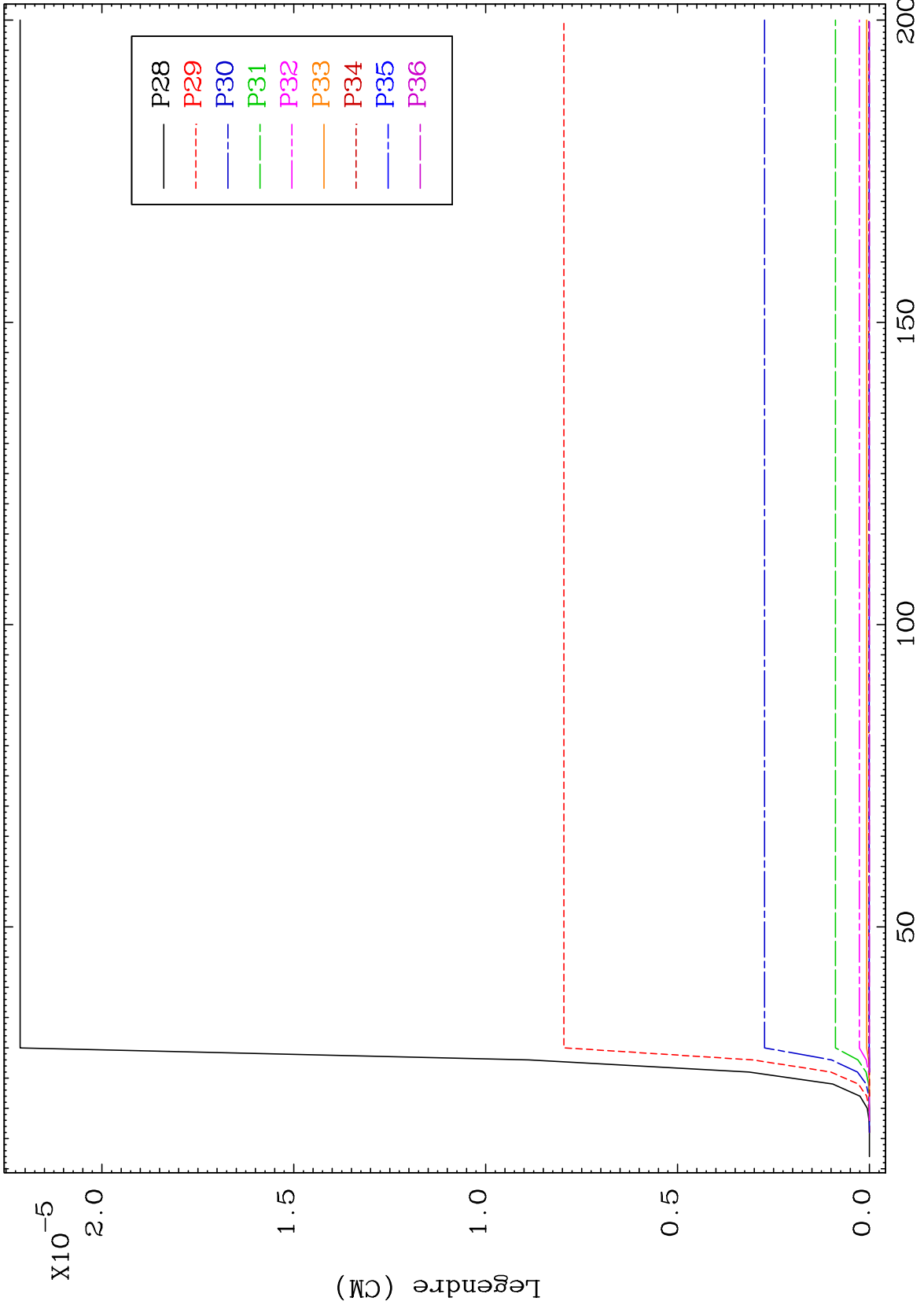
71-Lu-163



MAT 7089

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

71-Lu-163



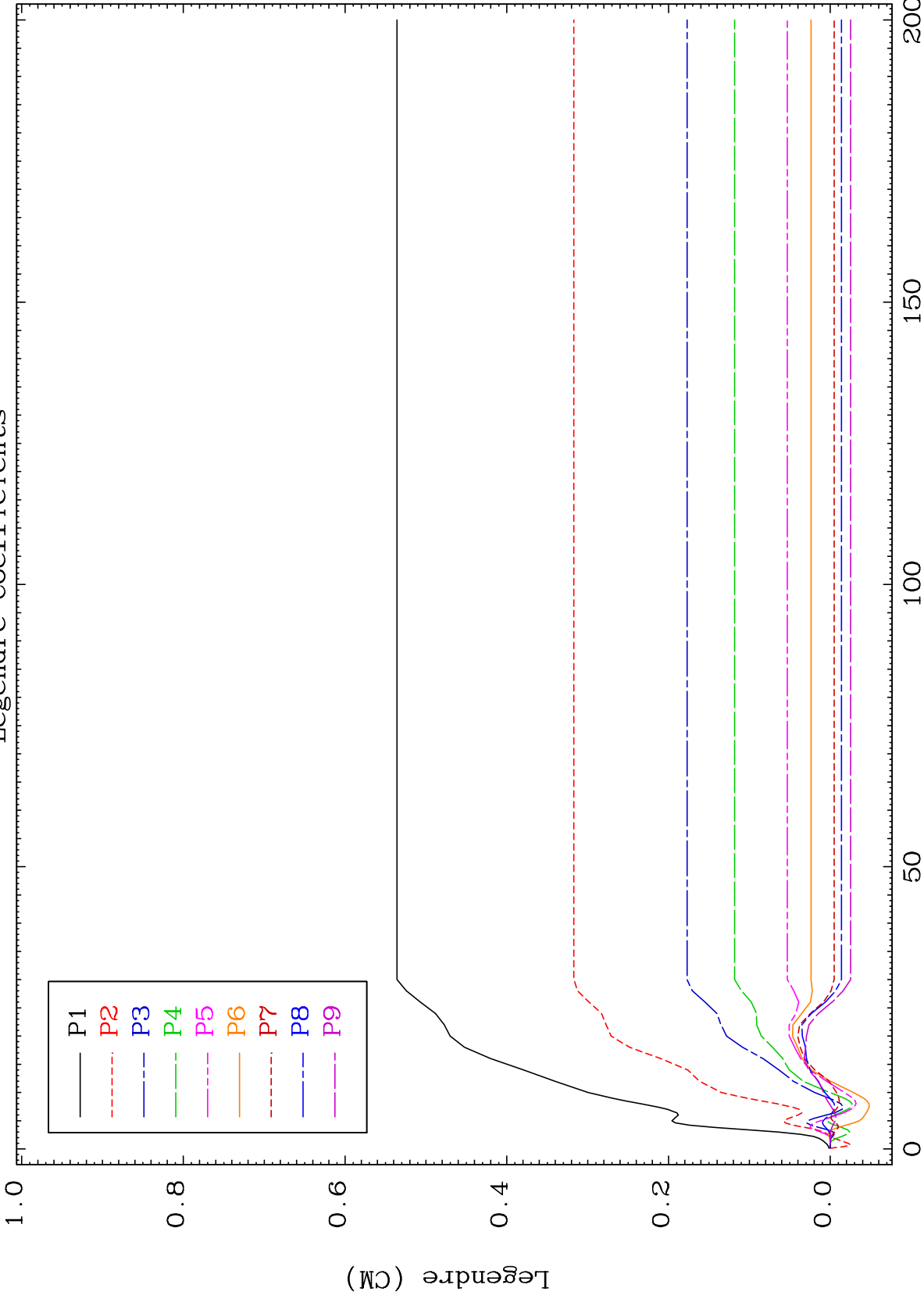
23

71-Lu-163

MAT 7089

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

71-Lu-163



24

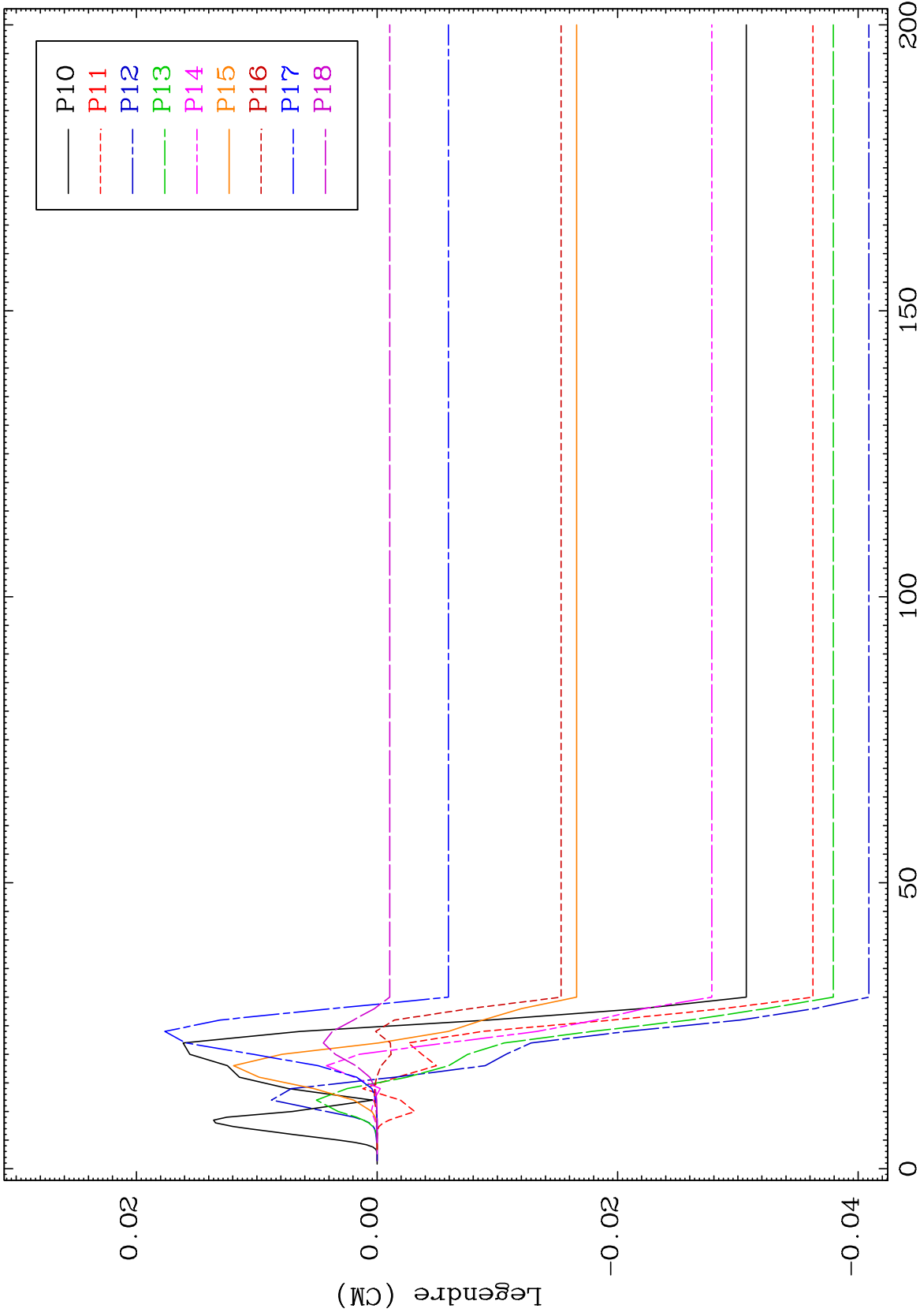
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

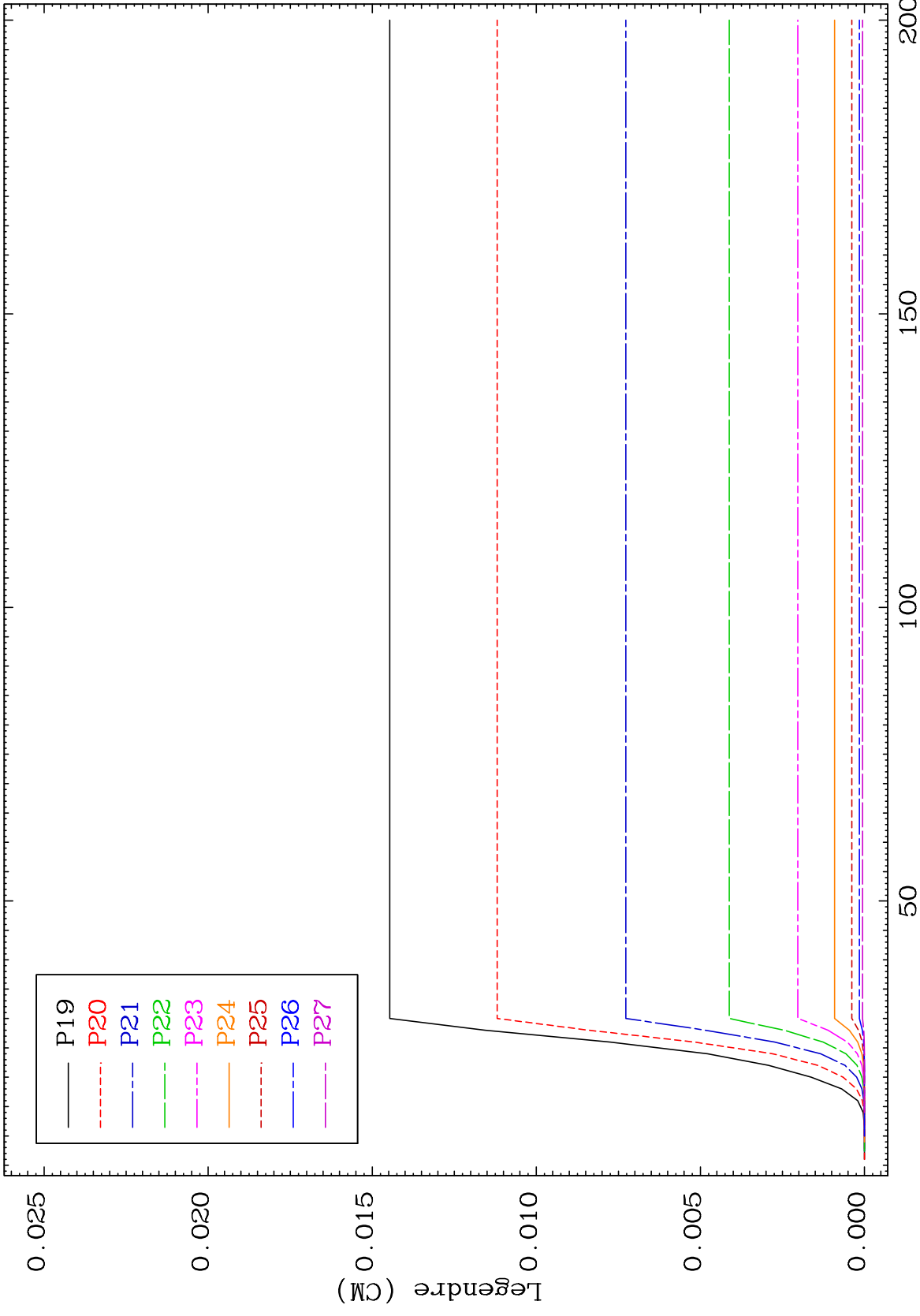
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25

Incident Energy (MeV)

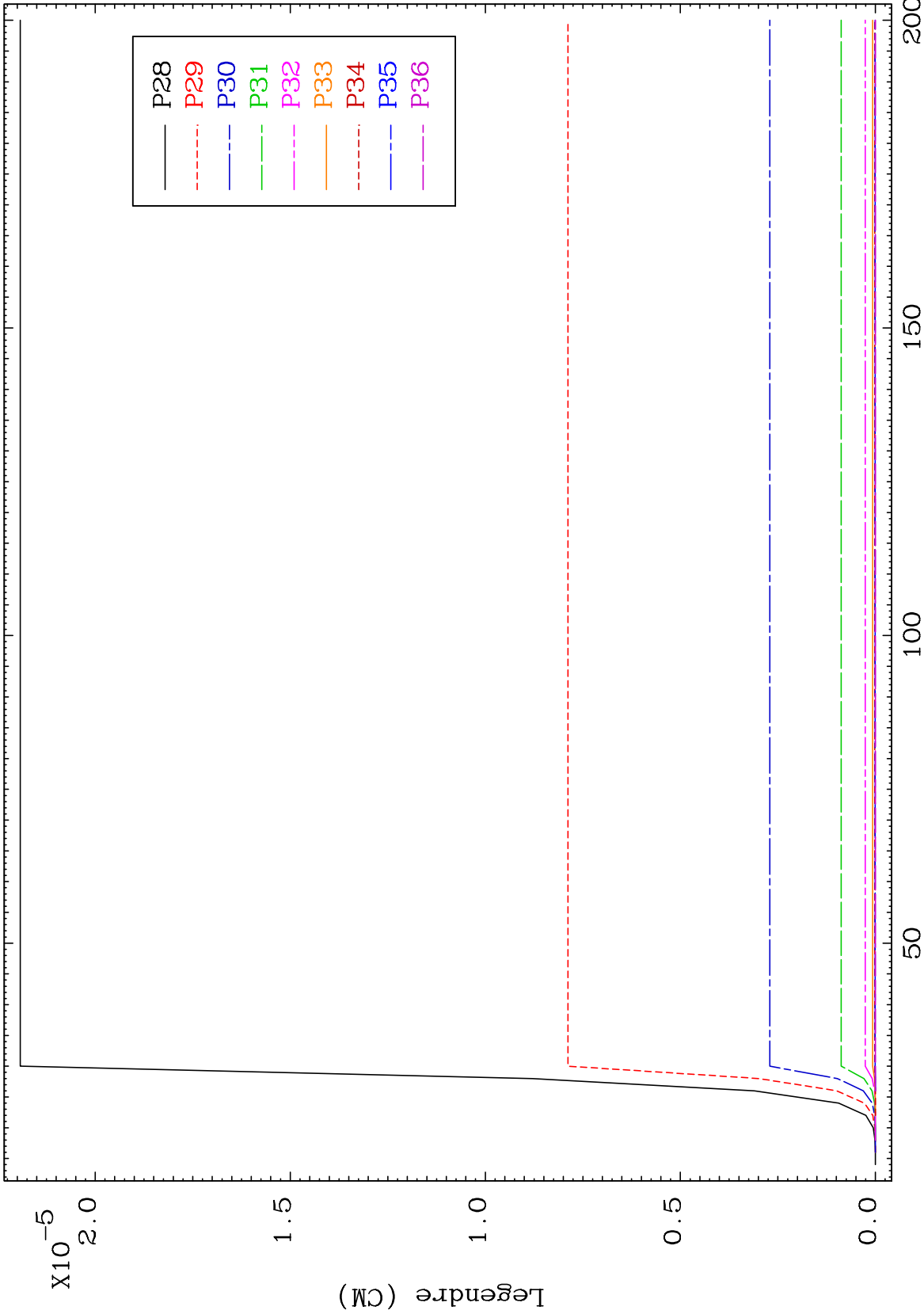
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MAT 7089

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

71-Lu-163



27

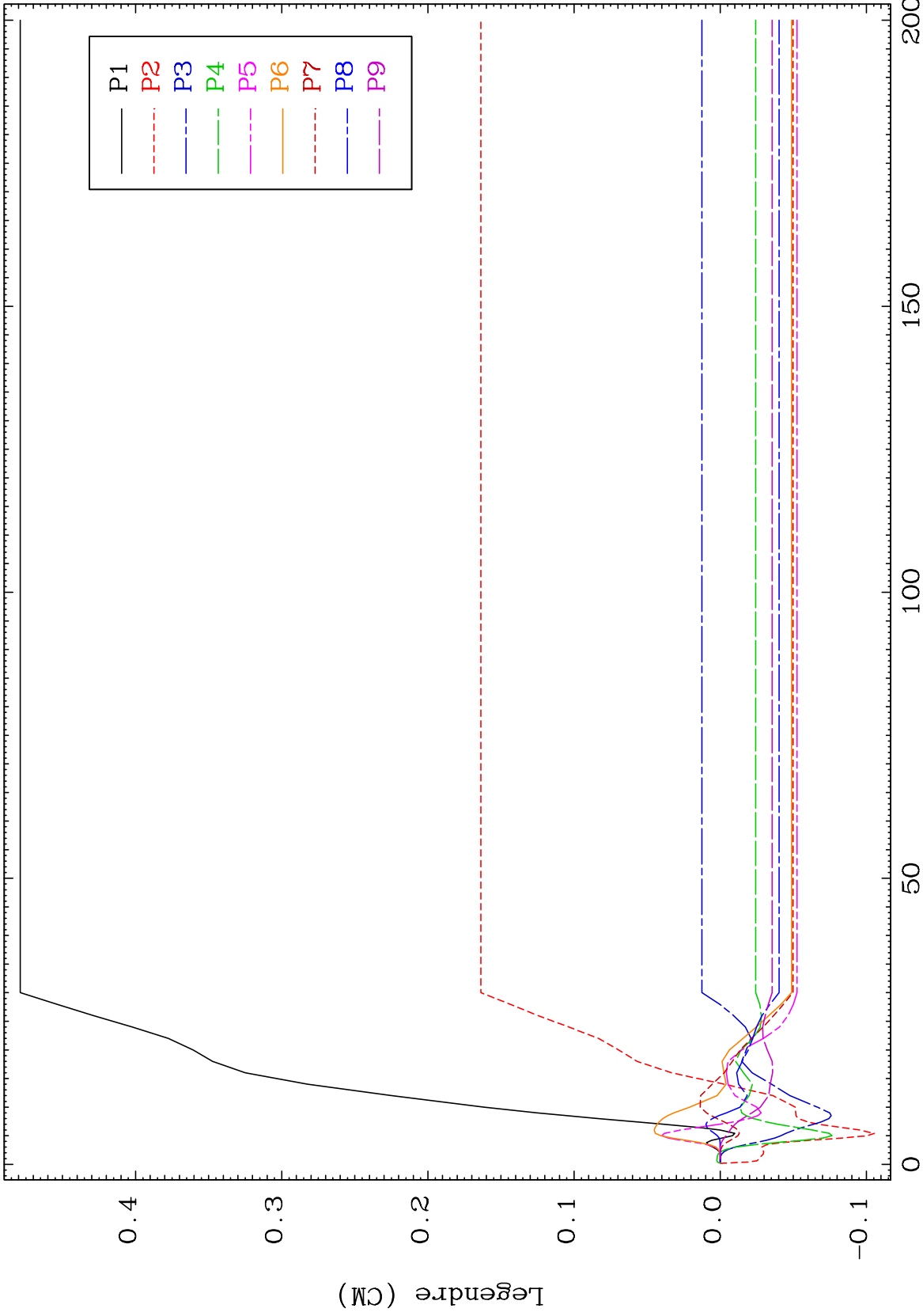
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



28

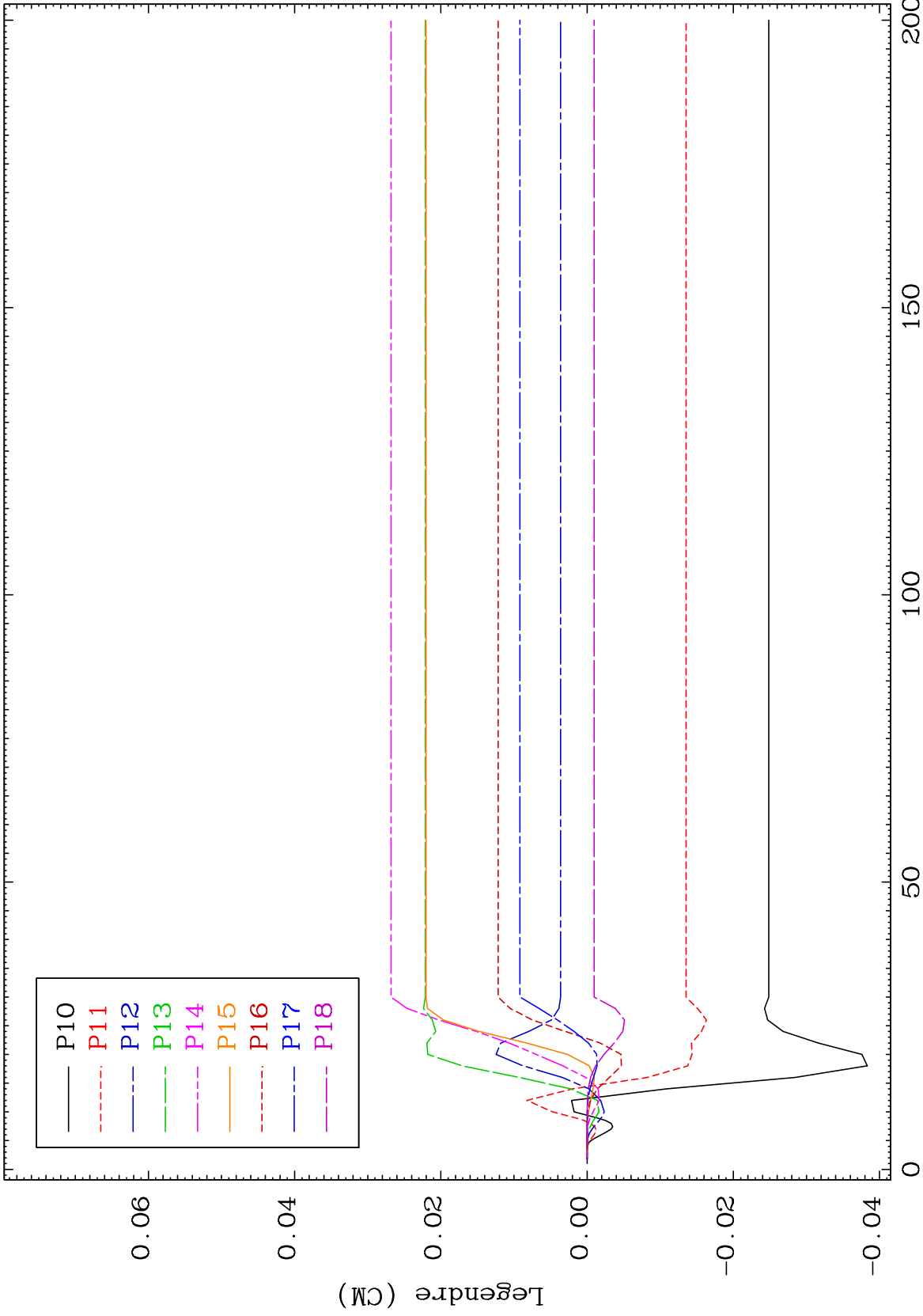
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



29

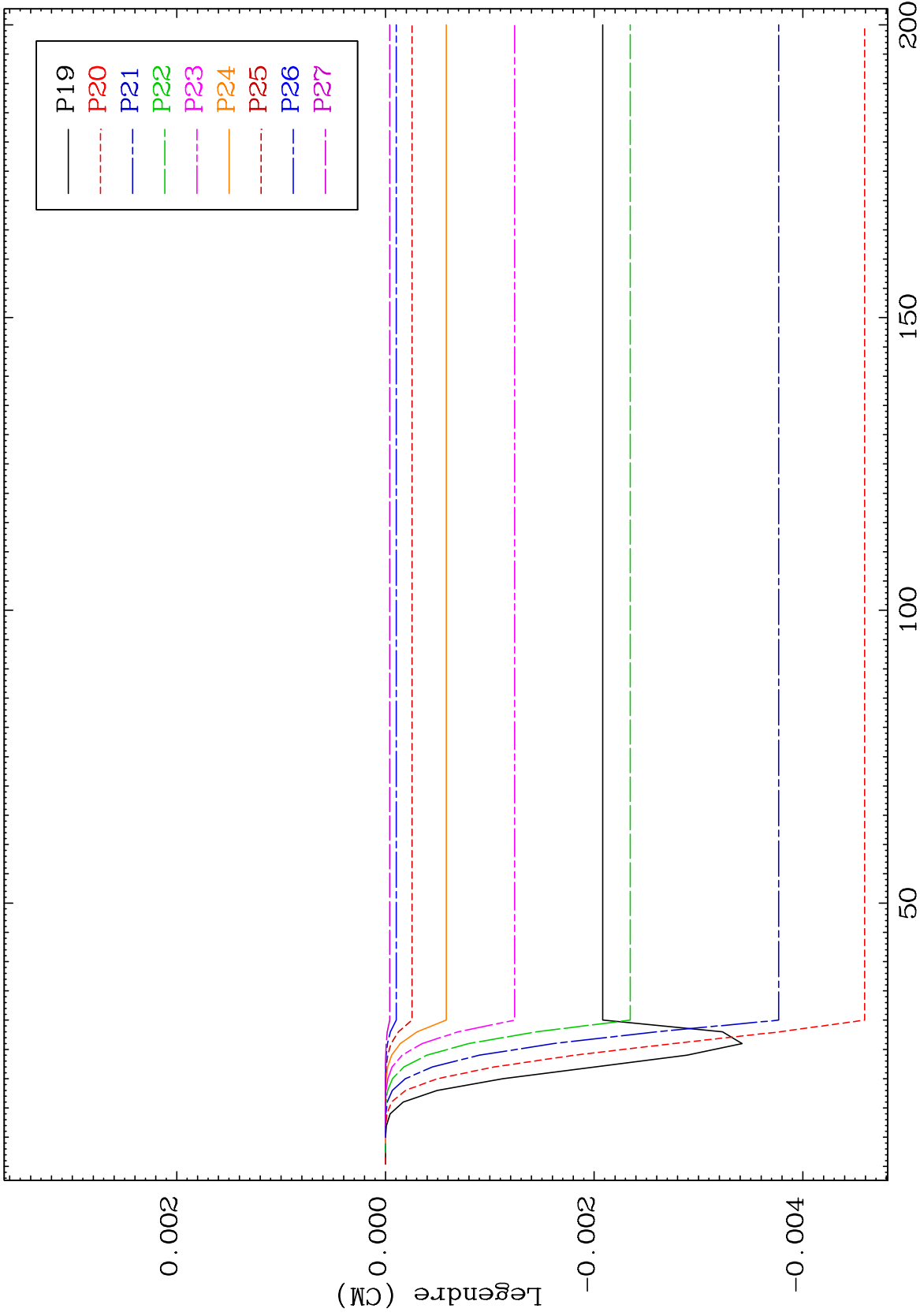
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



30

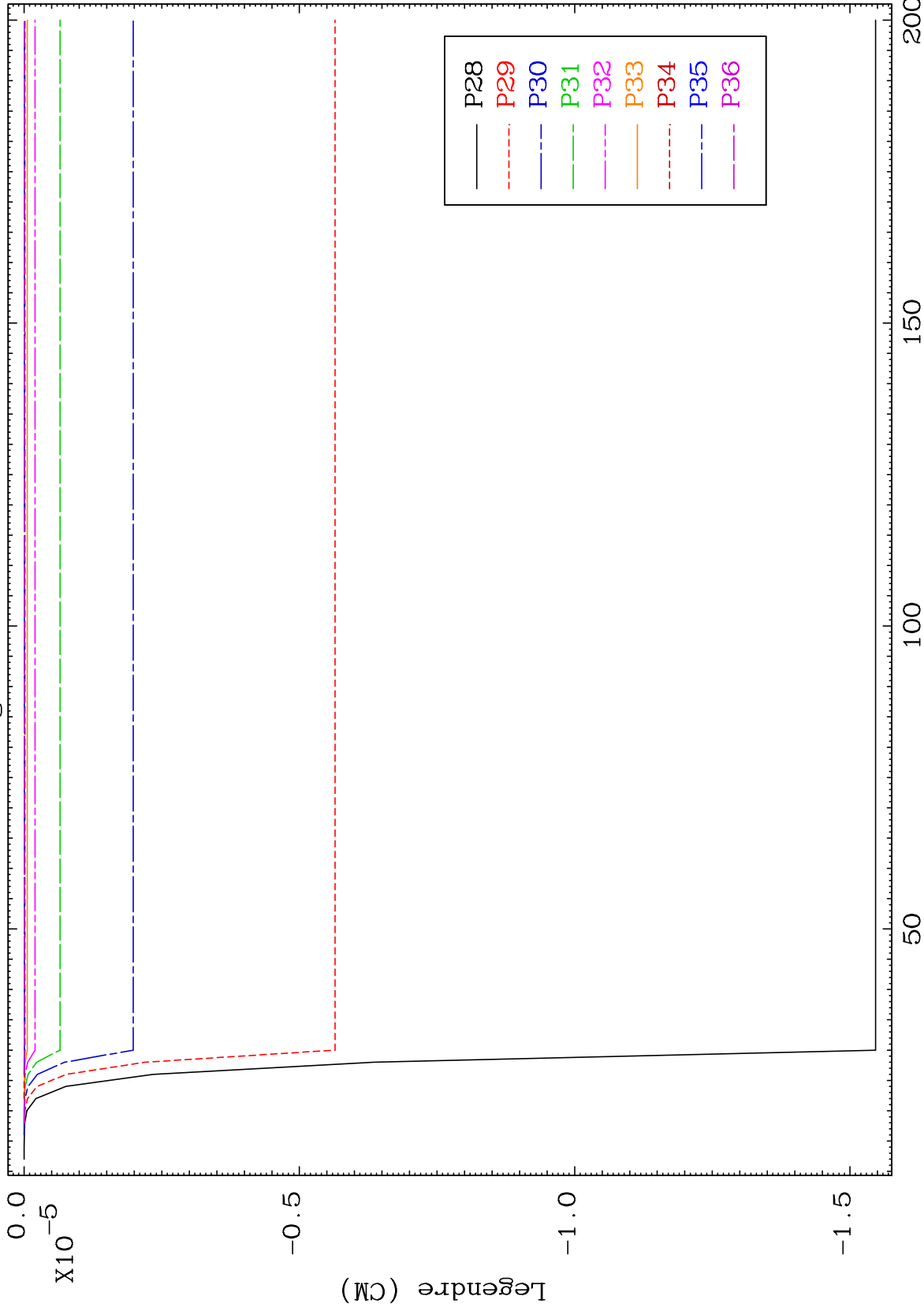
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



31

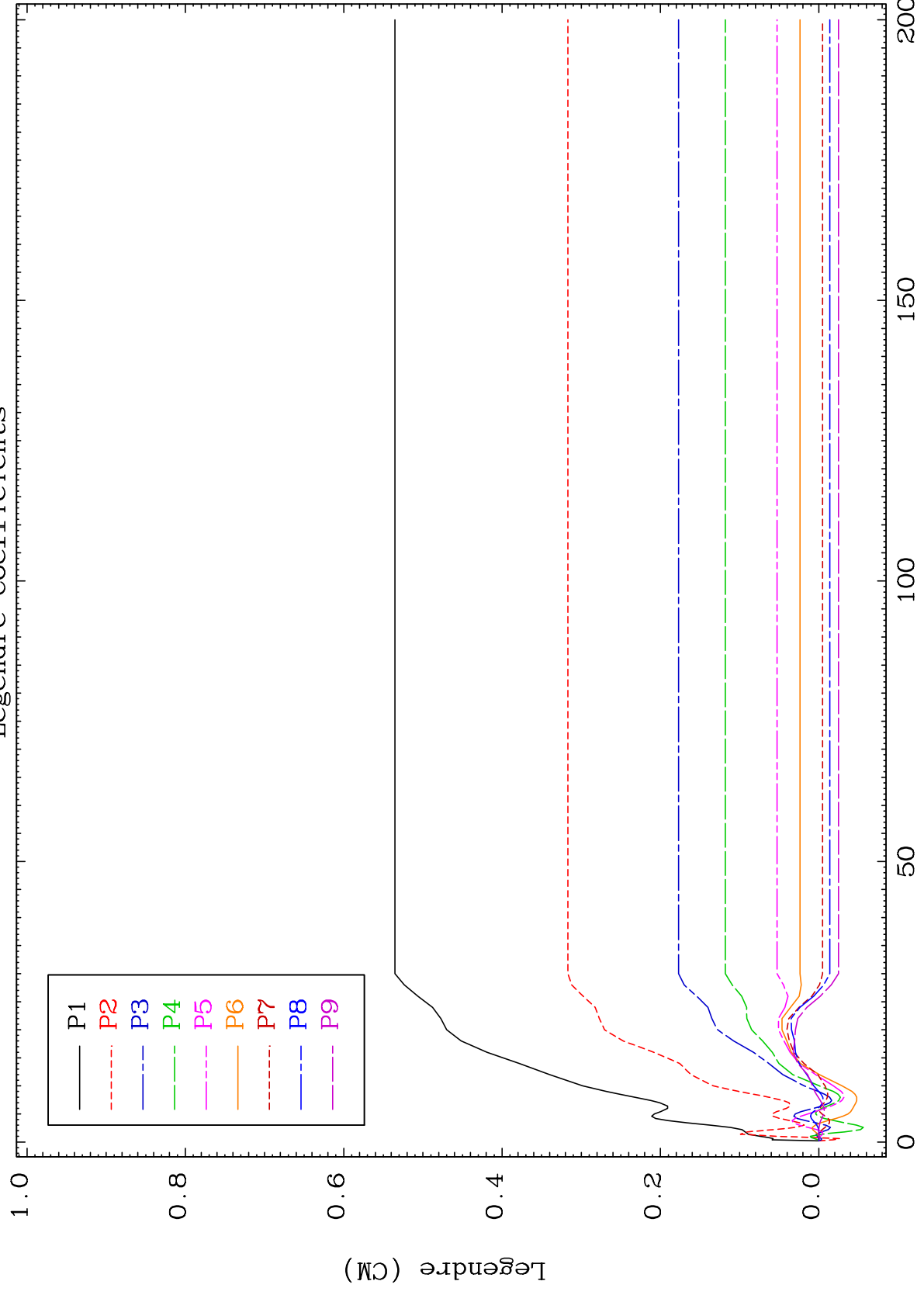
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



32

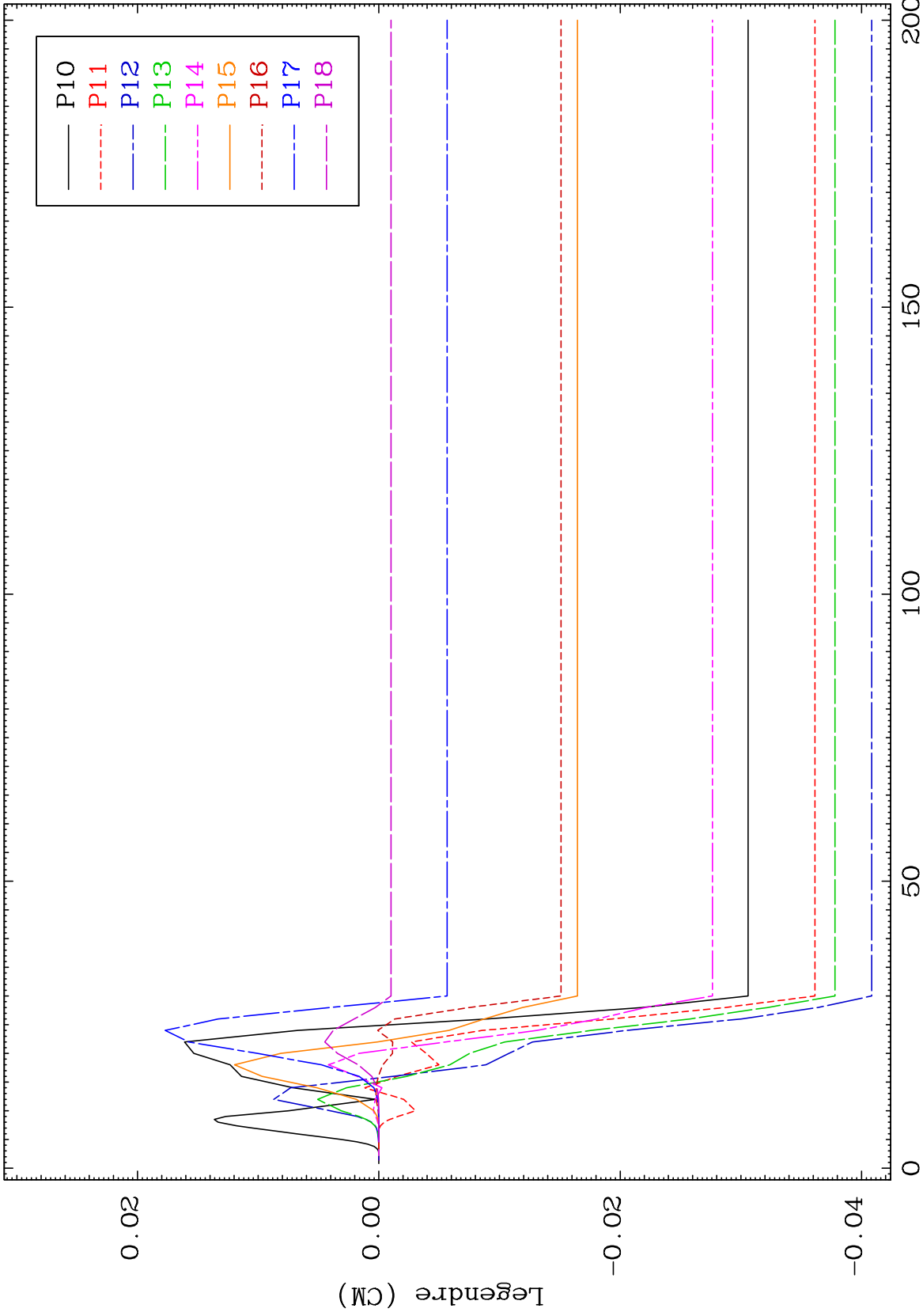
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

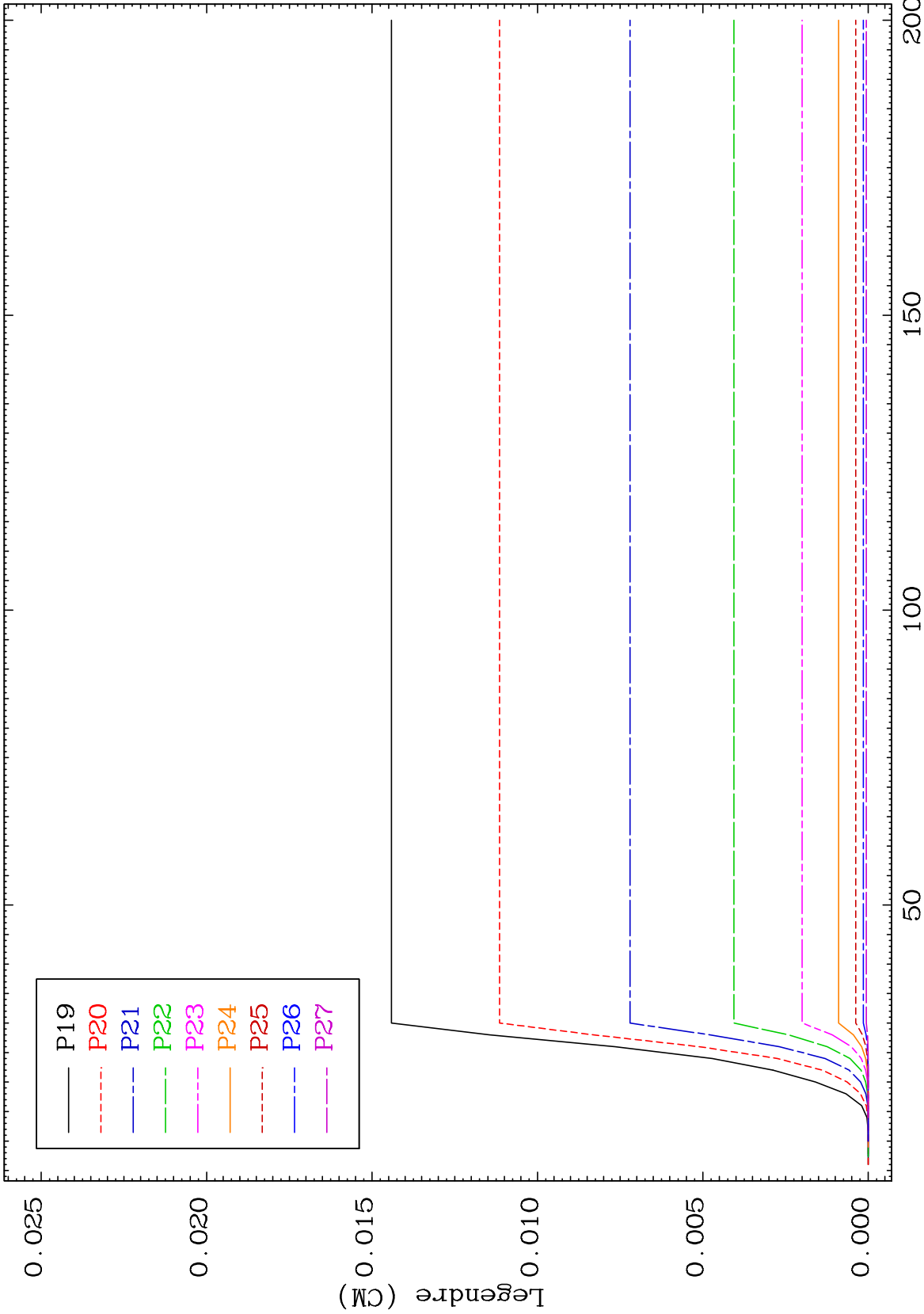
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33

Incident Energy (MeV)

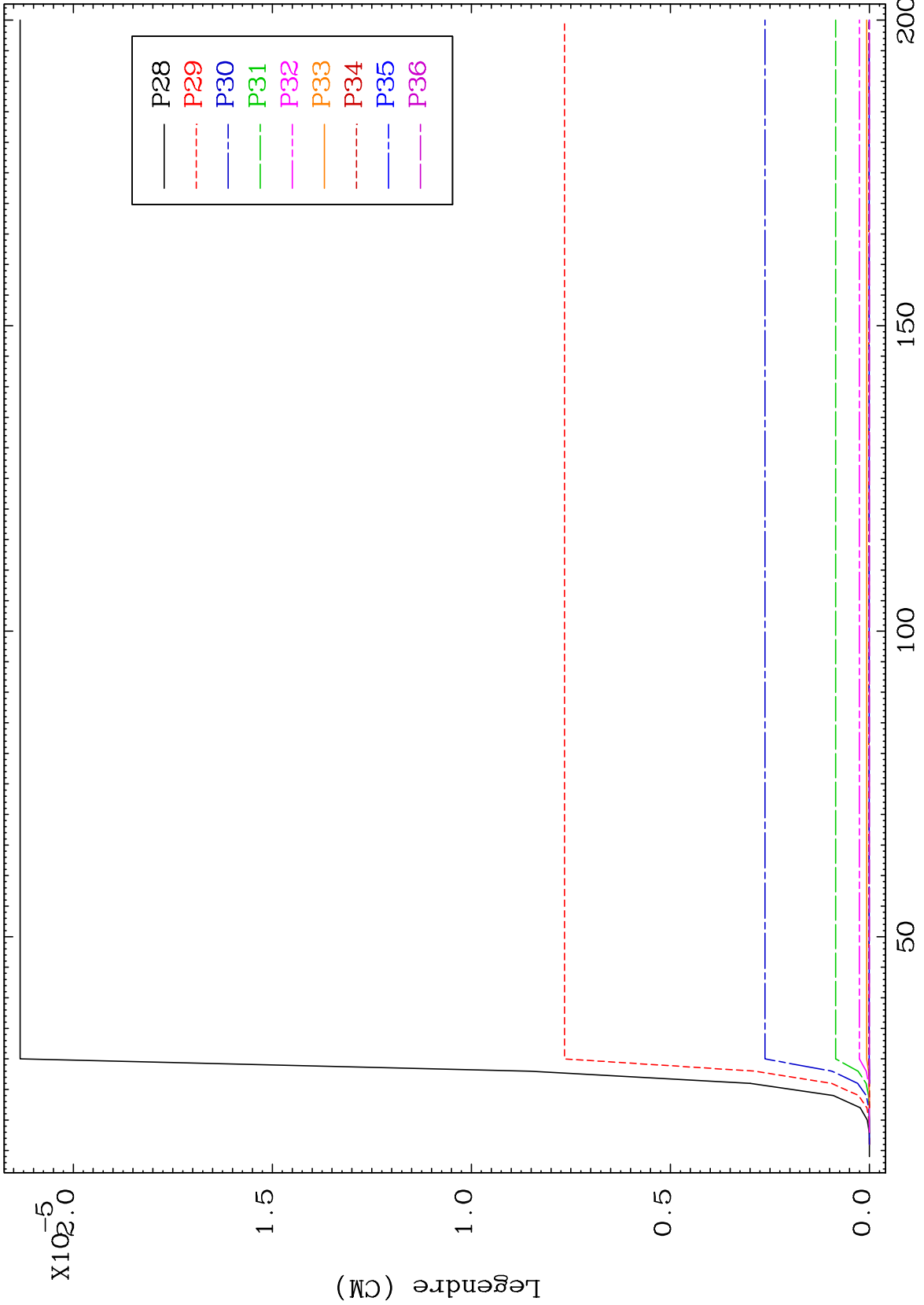
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MAT 7089

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

71-Lu-163



35

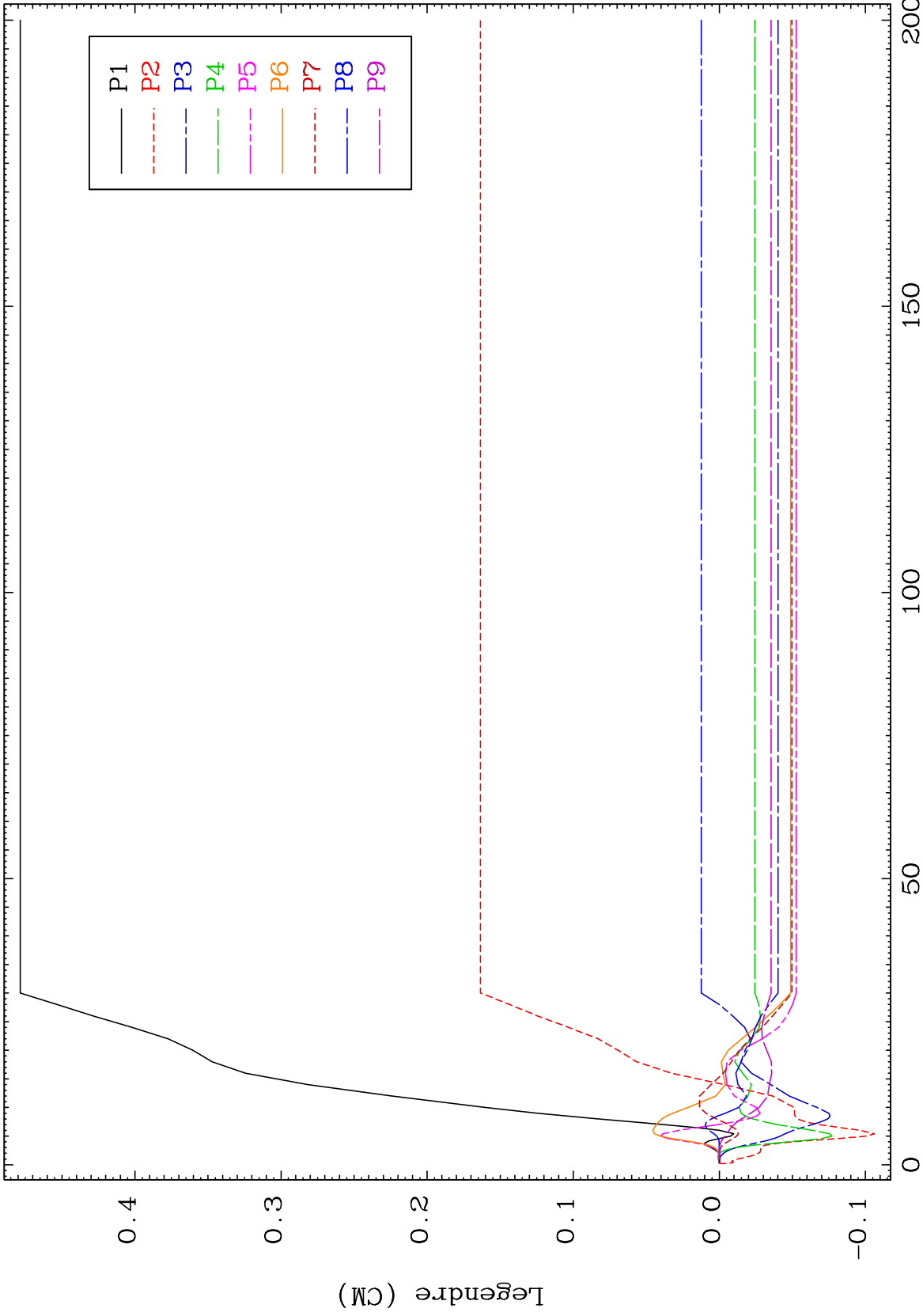
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



36

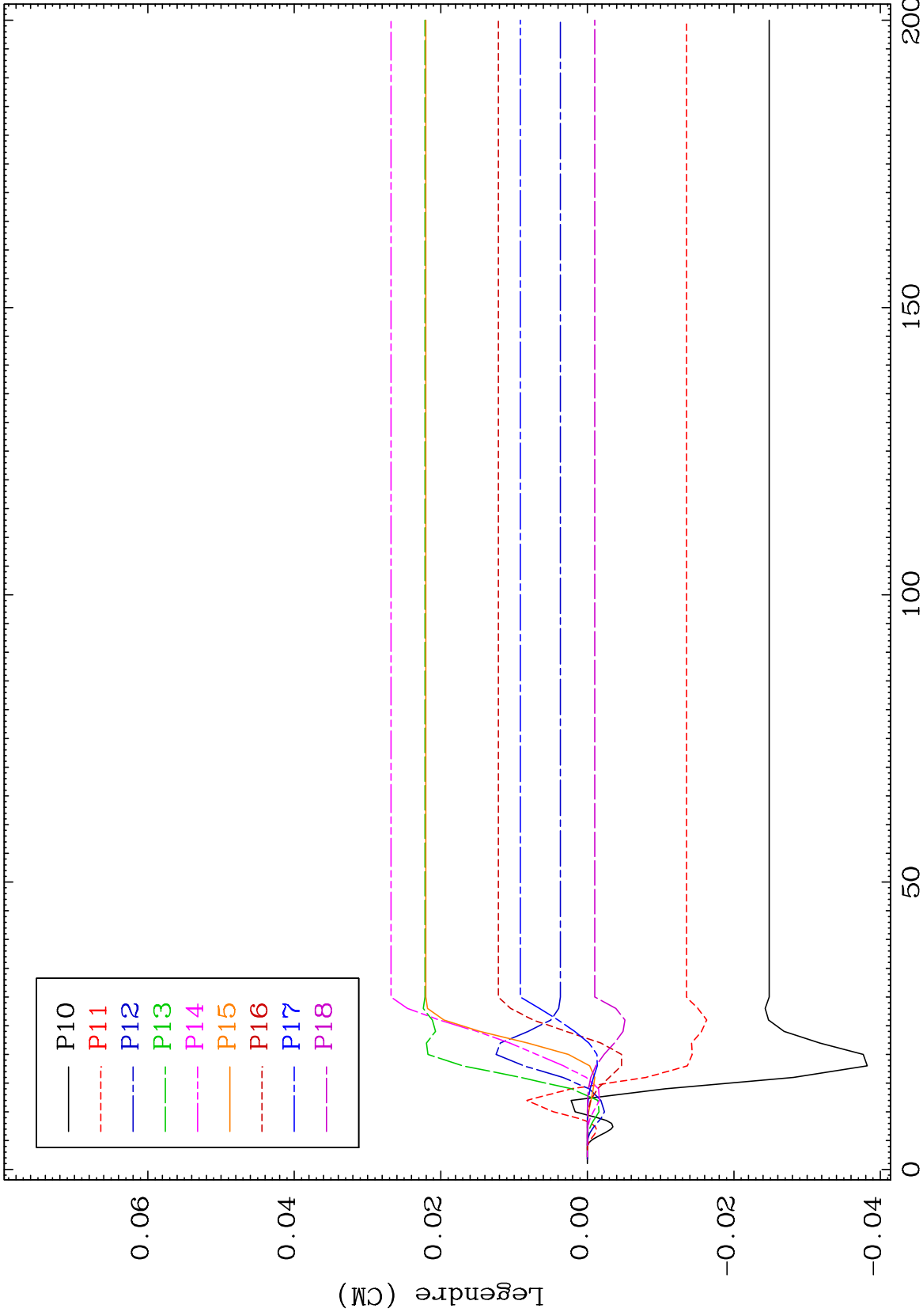
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



37

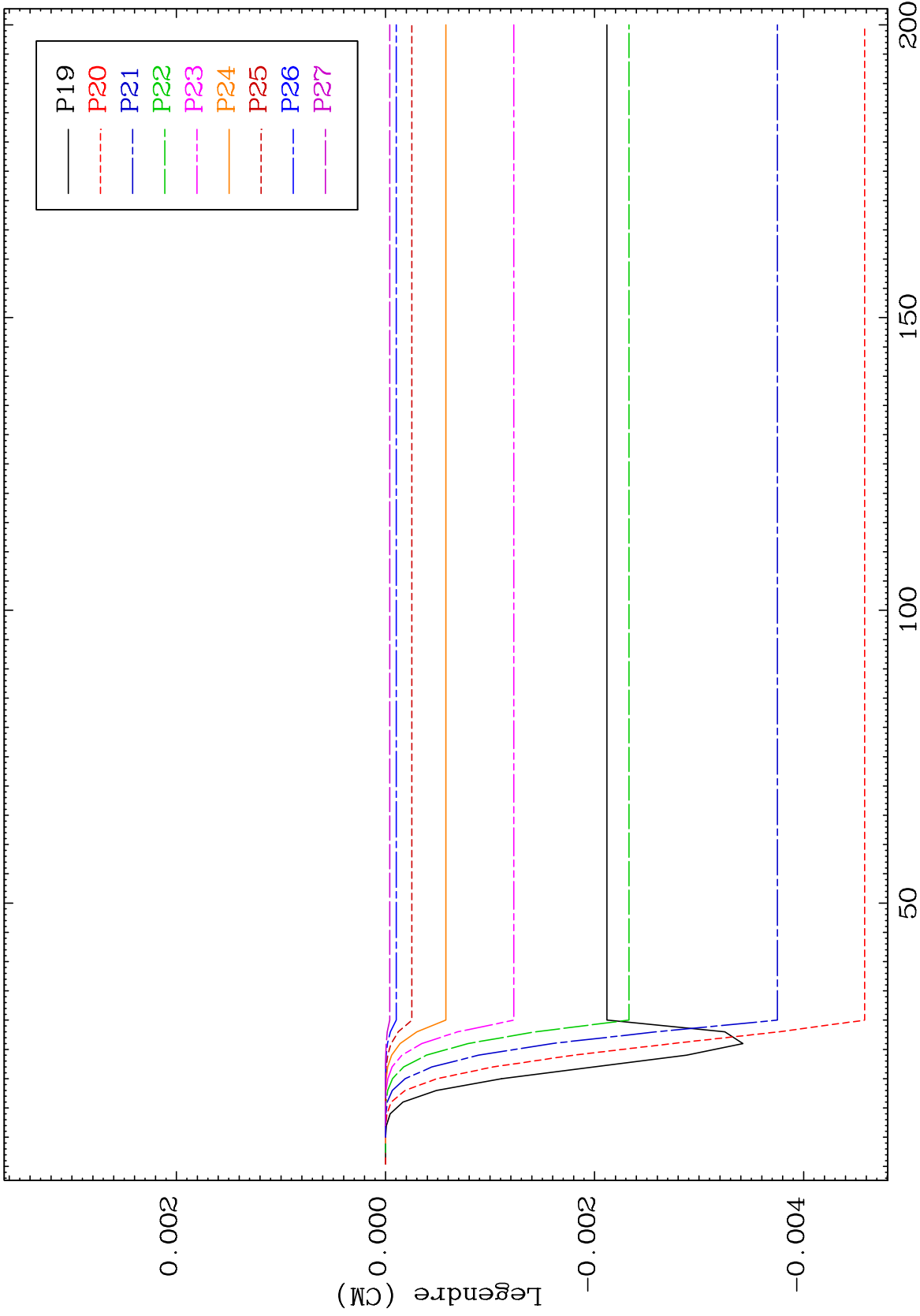
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



38

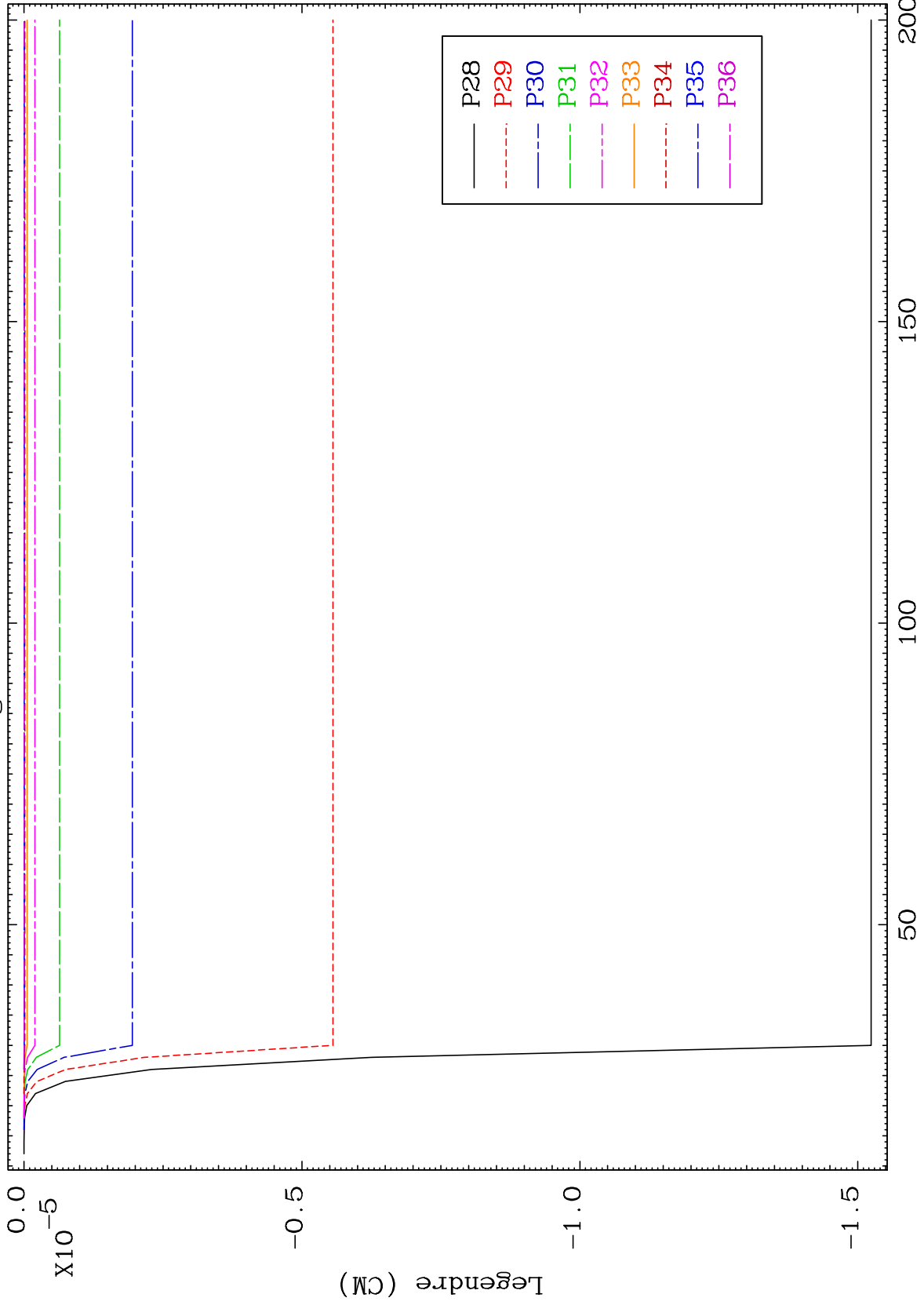
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



71-Lu-163

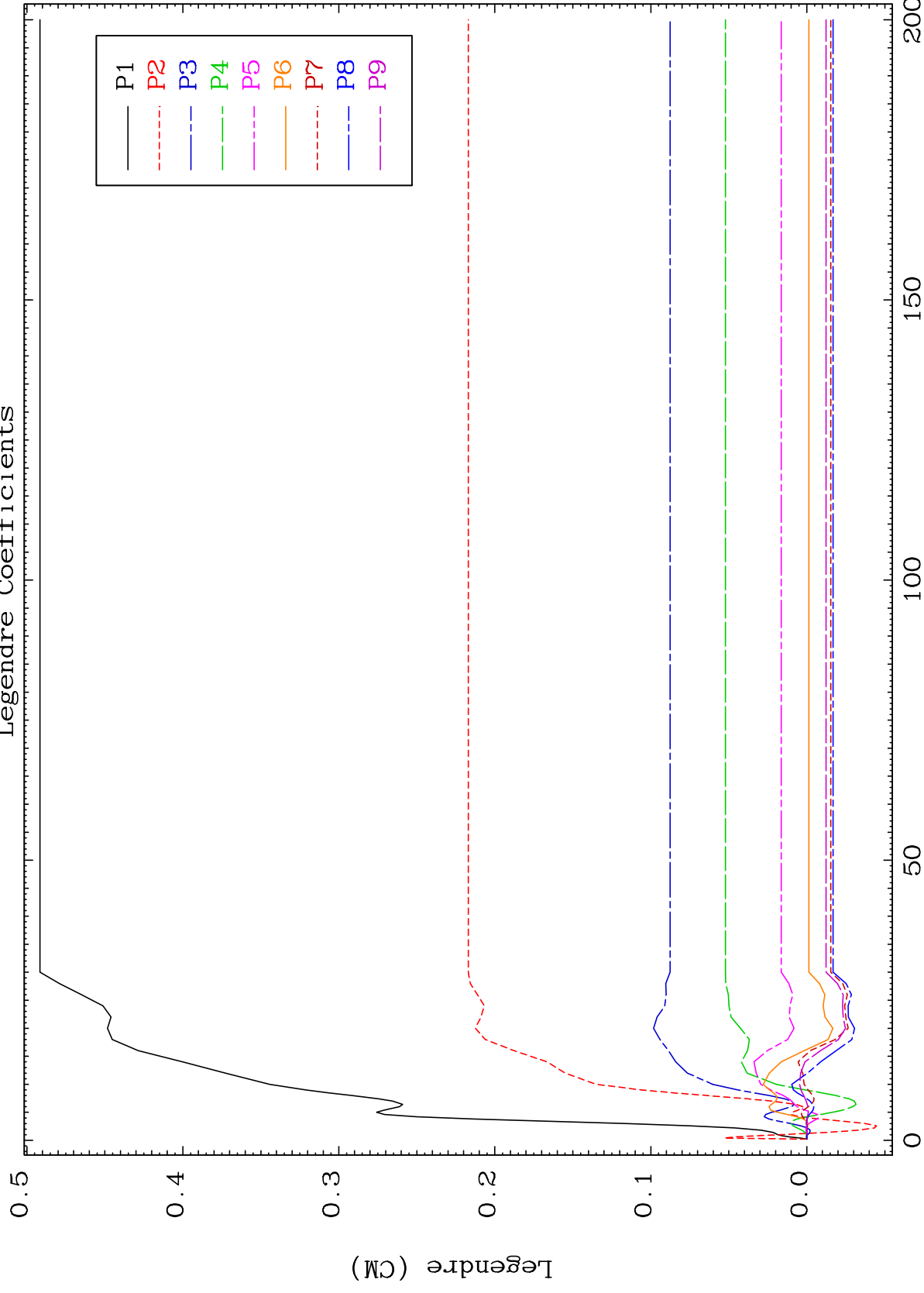
Incident Energy (MeV)

39

MAT 7089

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

71-Lu-163



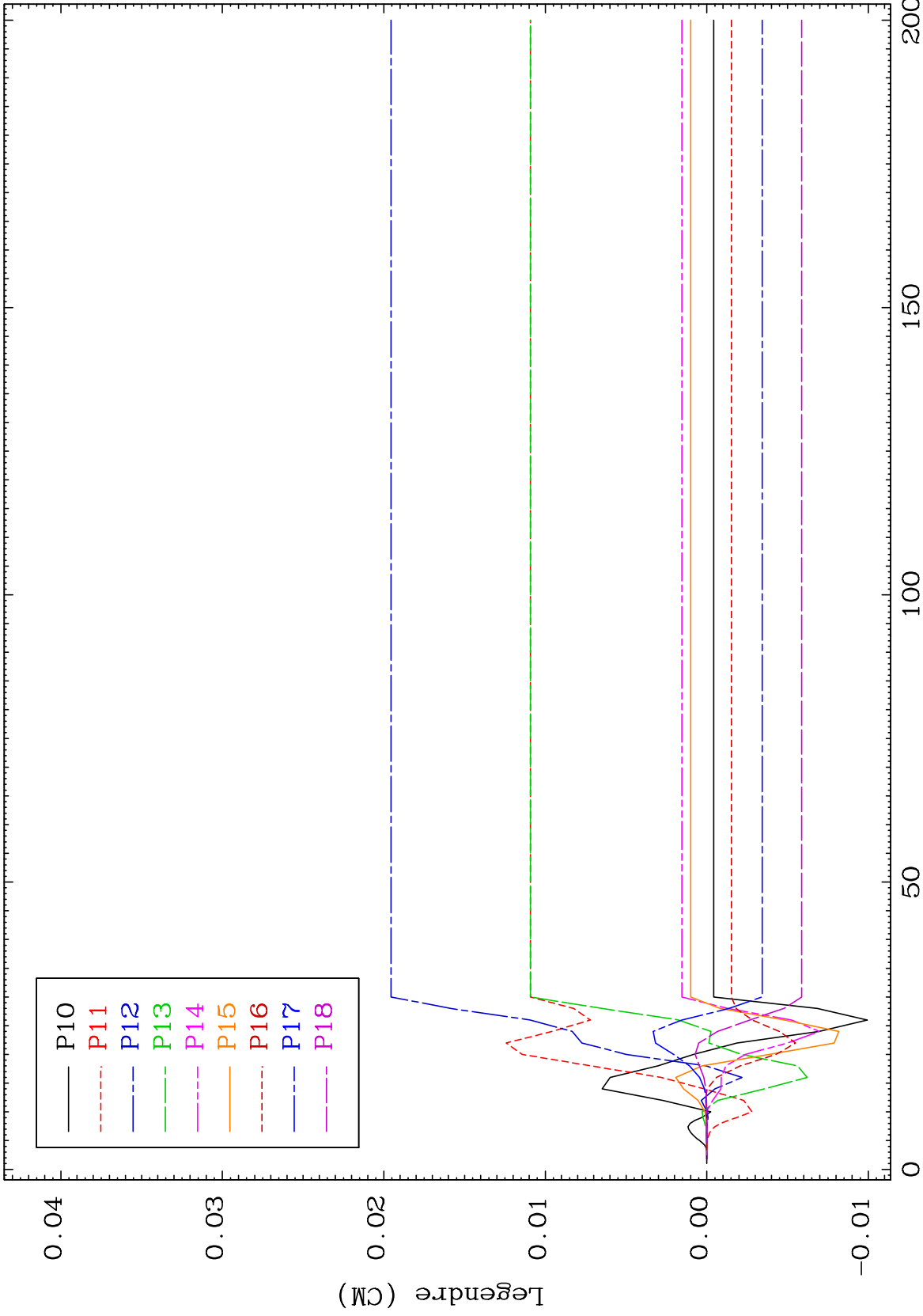
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

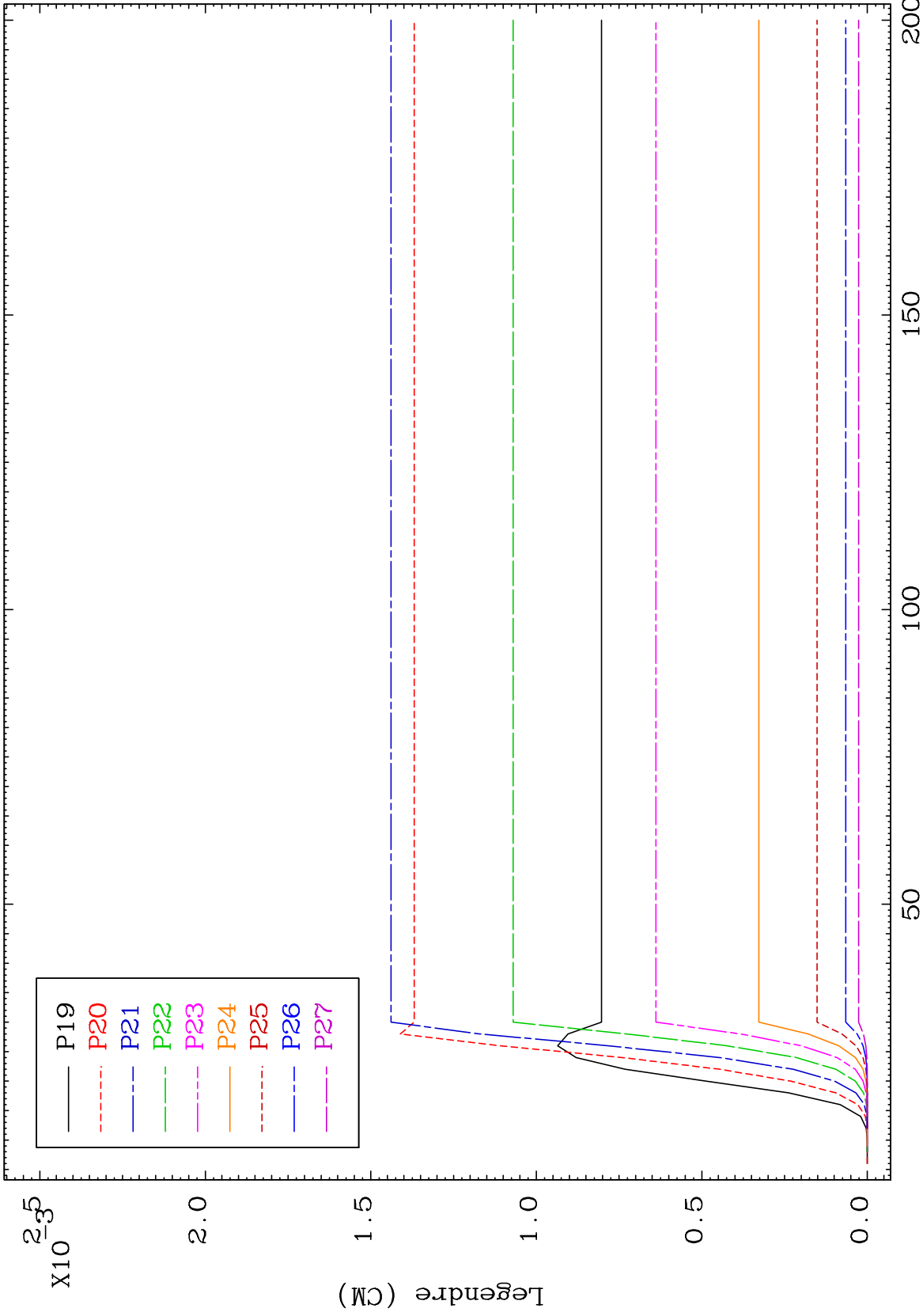
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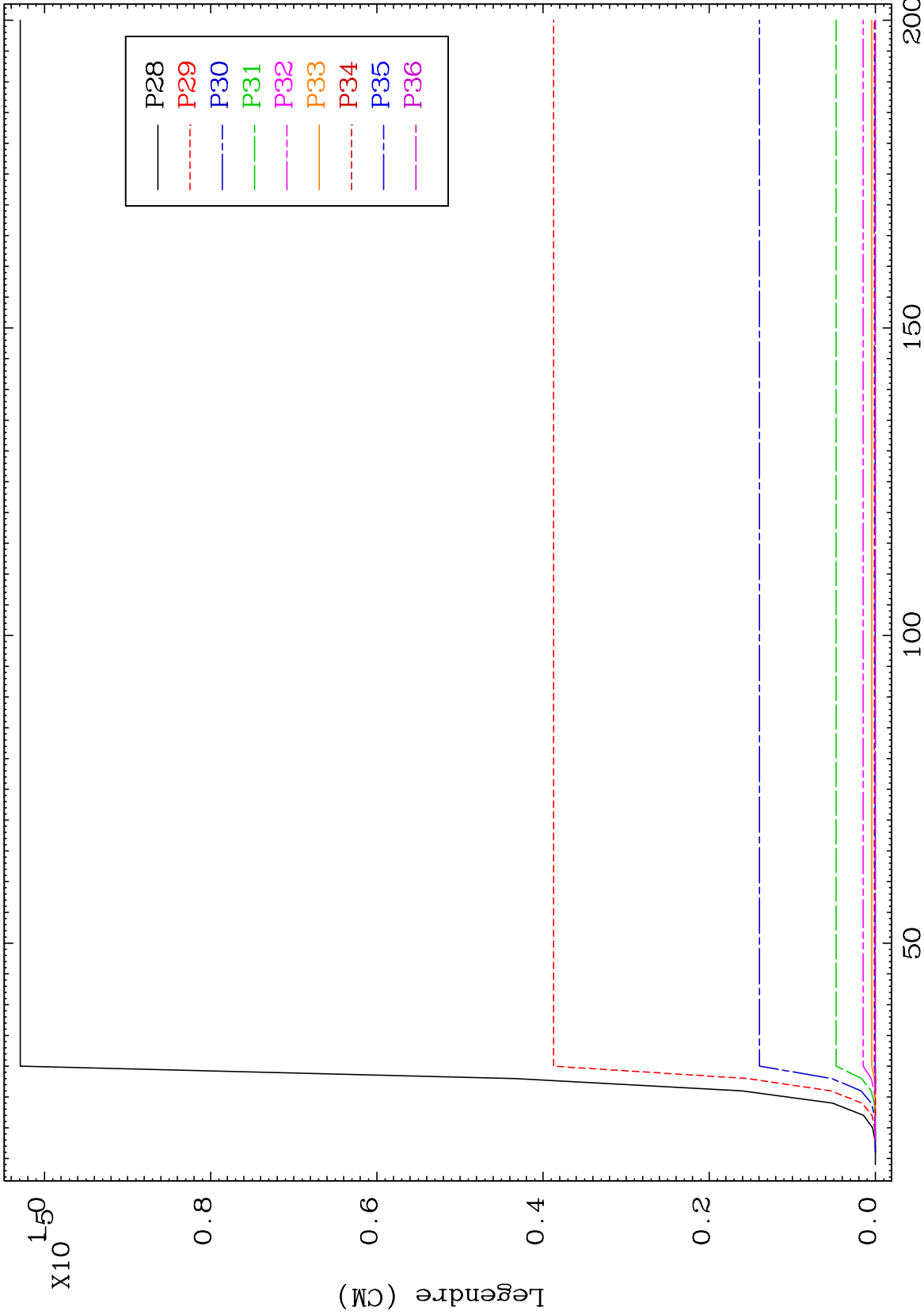


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Incident Energy (MeV)

71-Lu-163

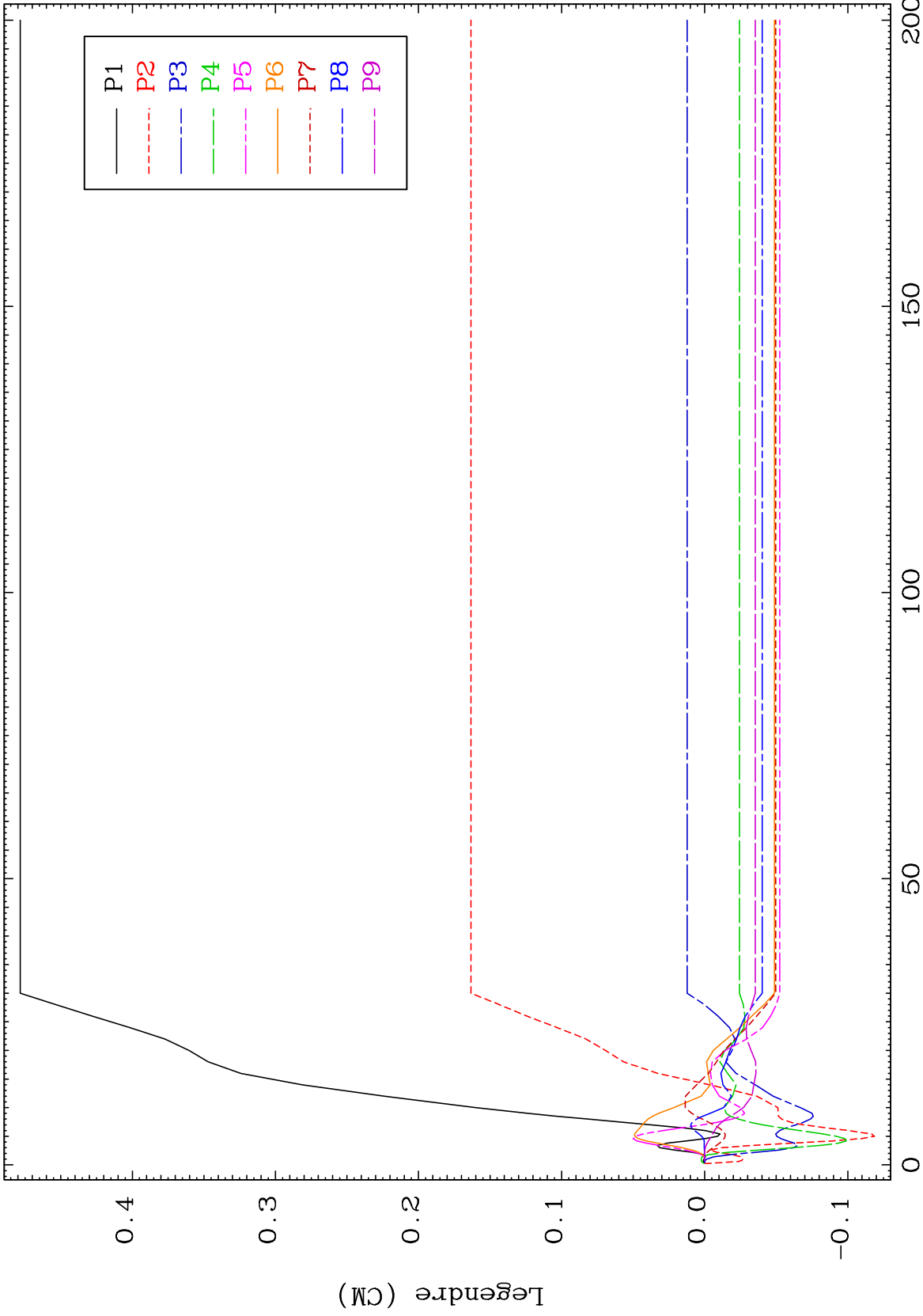




MAT 7089

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

71-Lu-163



44

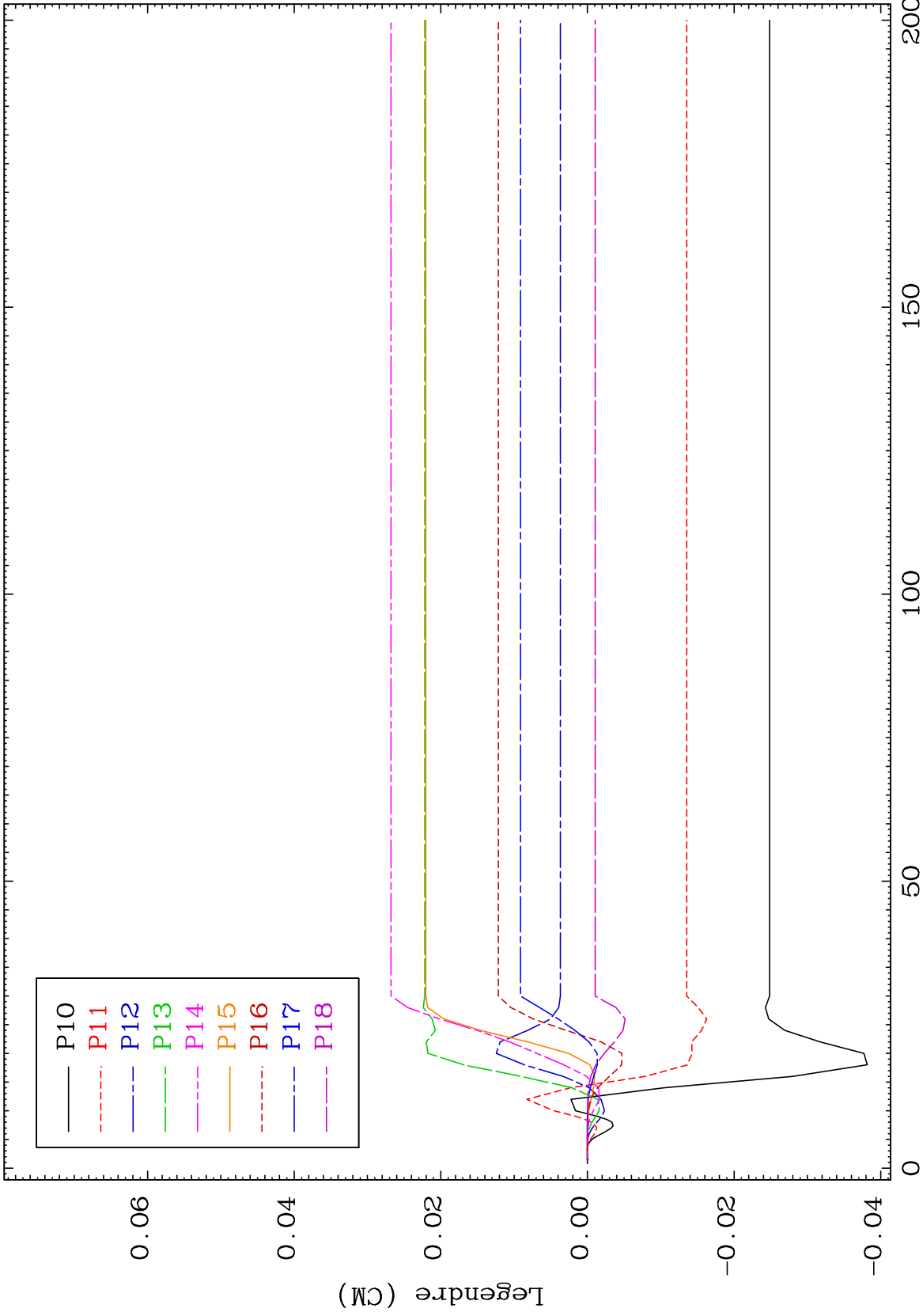
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



45

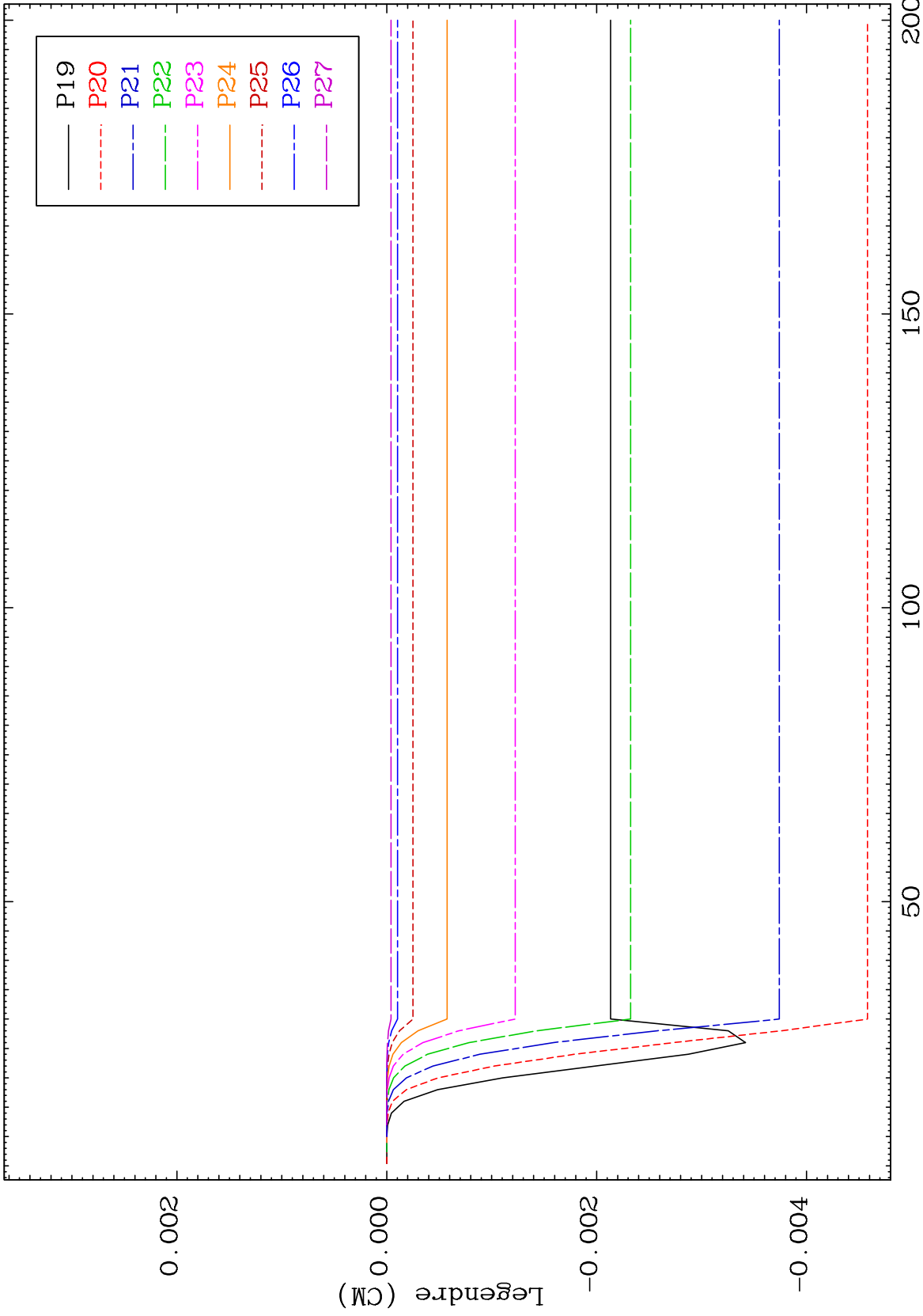
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



46

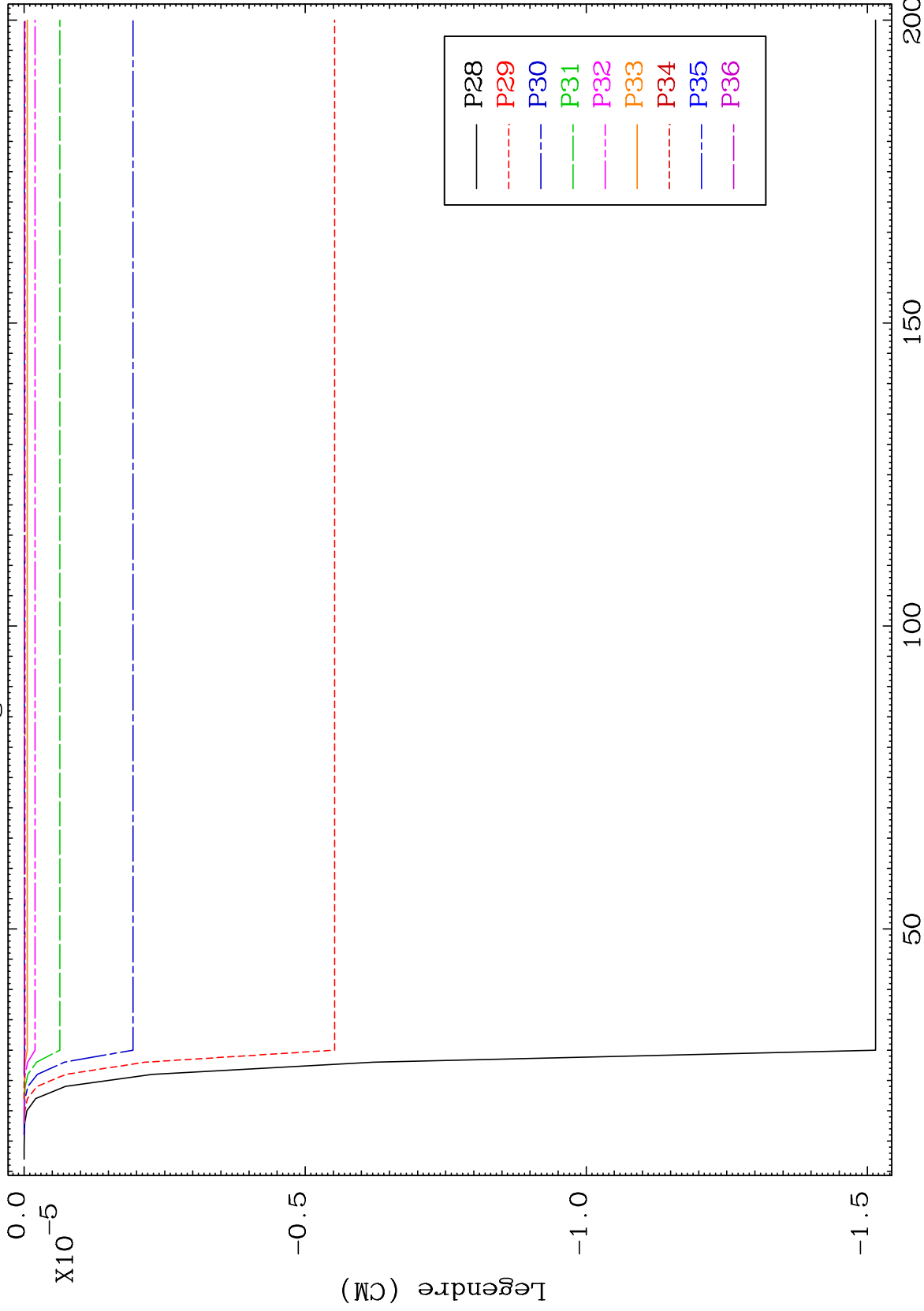
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



47

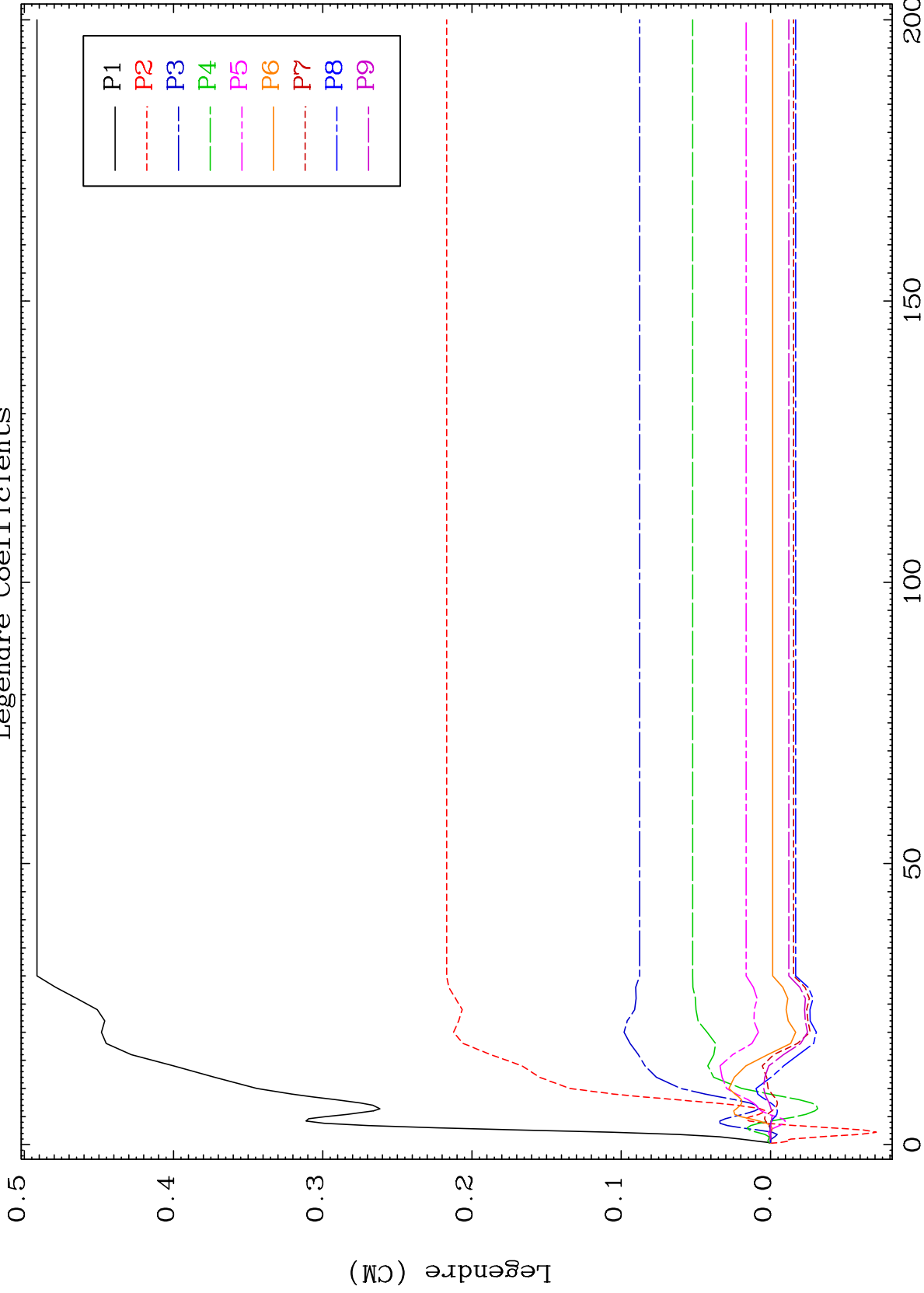
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



48

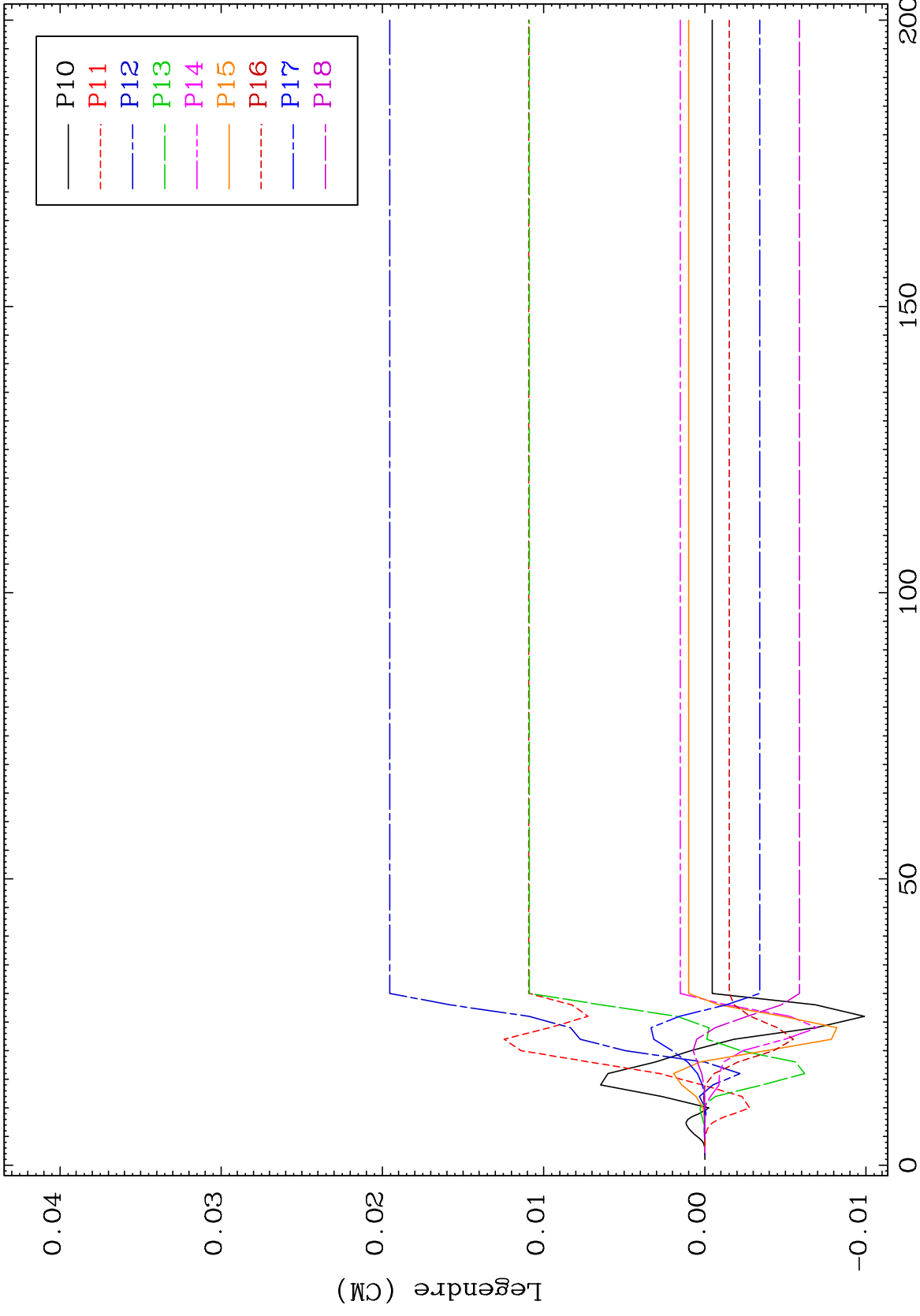
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



49

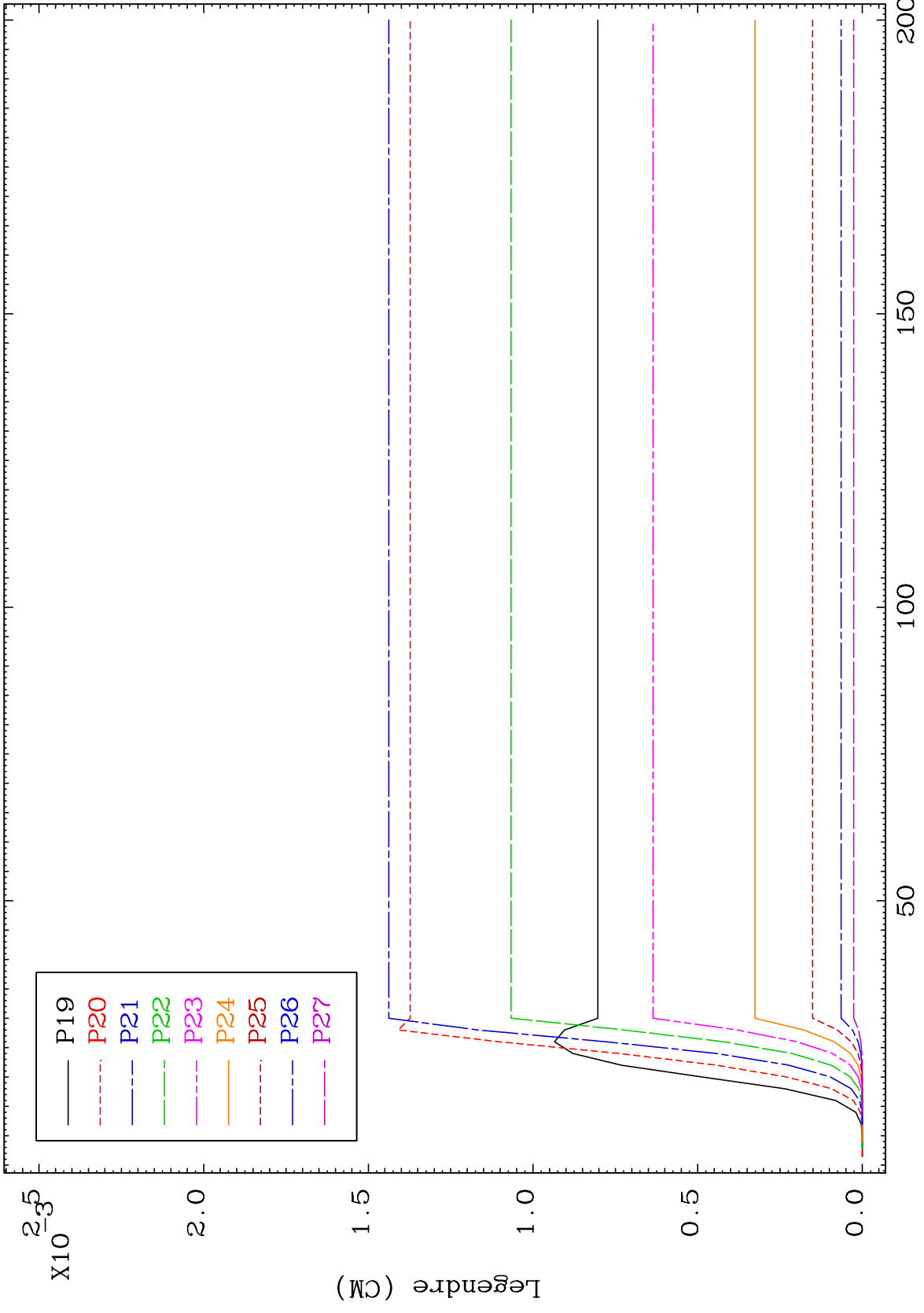
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

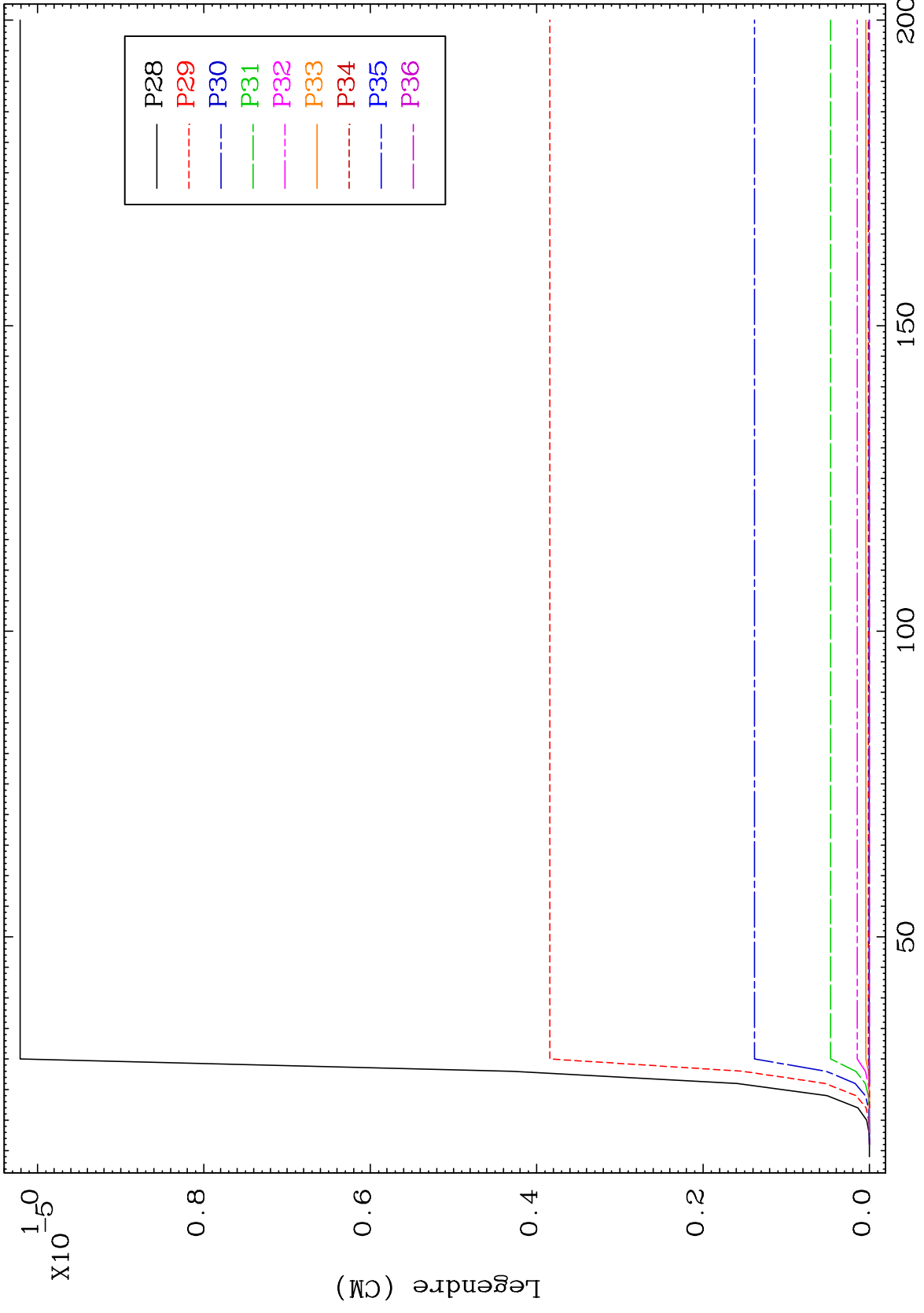
71-Lu-163



50

Incident Energy (MeV)

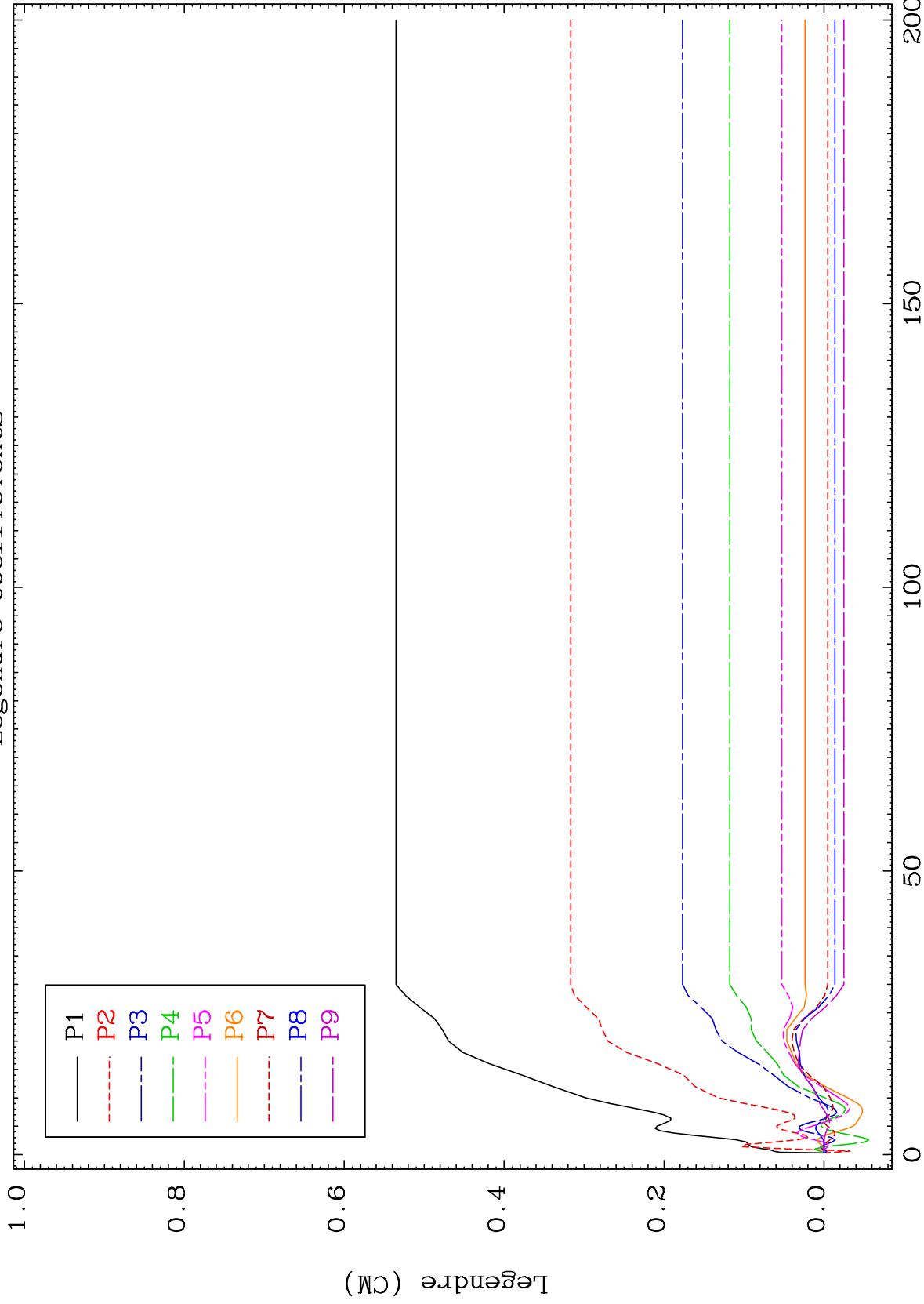
71-Lu-163



MAT 7089

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

71-Lu-163



52

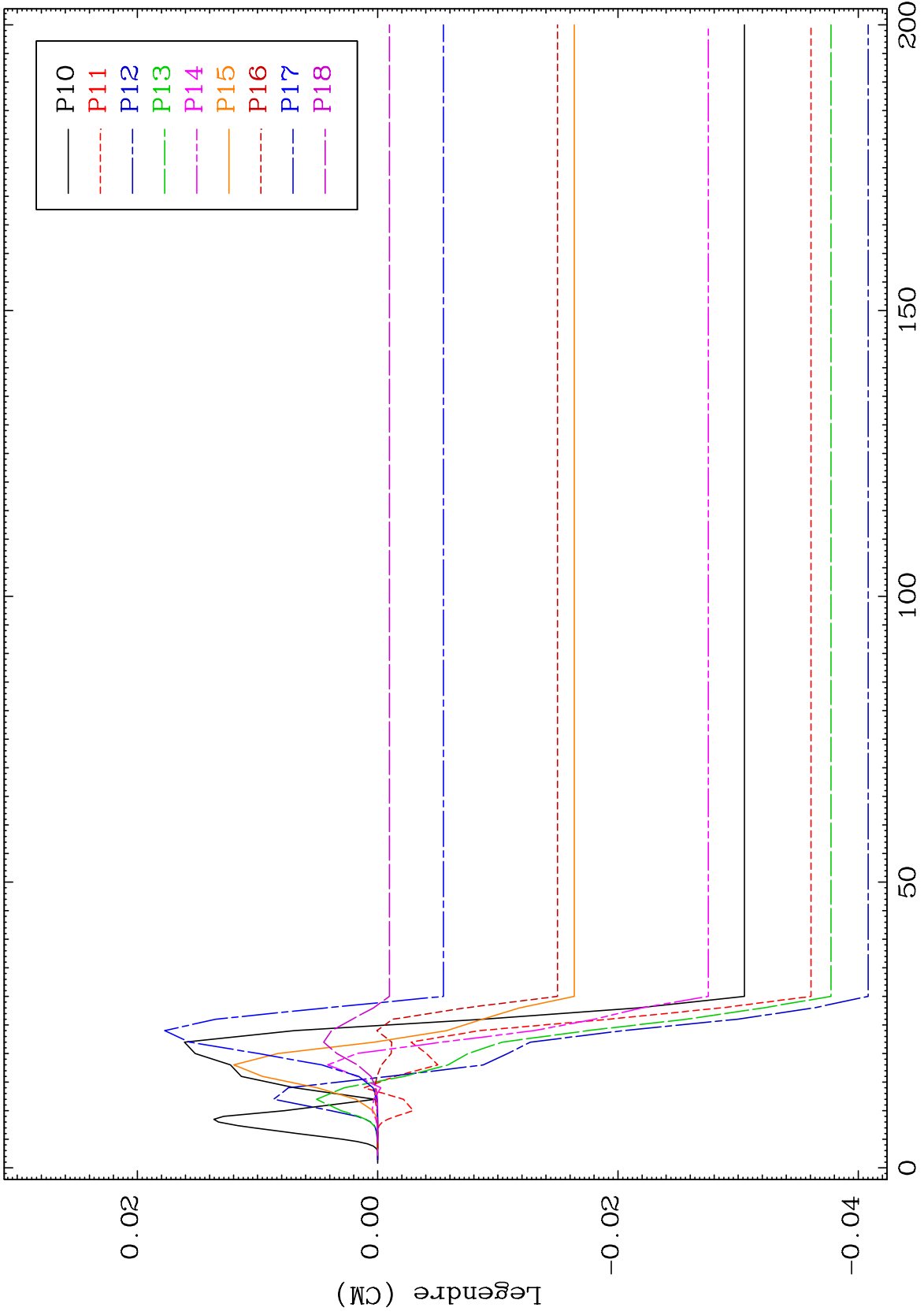
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

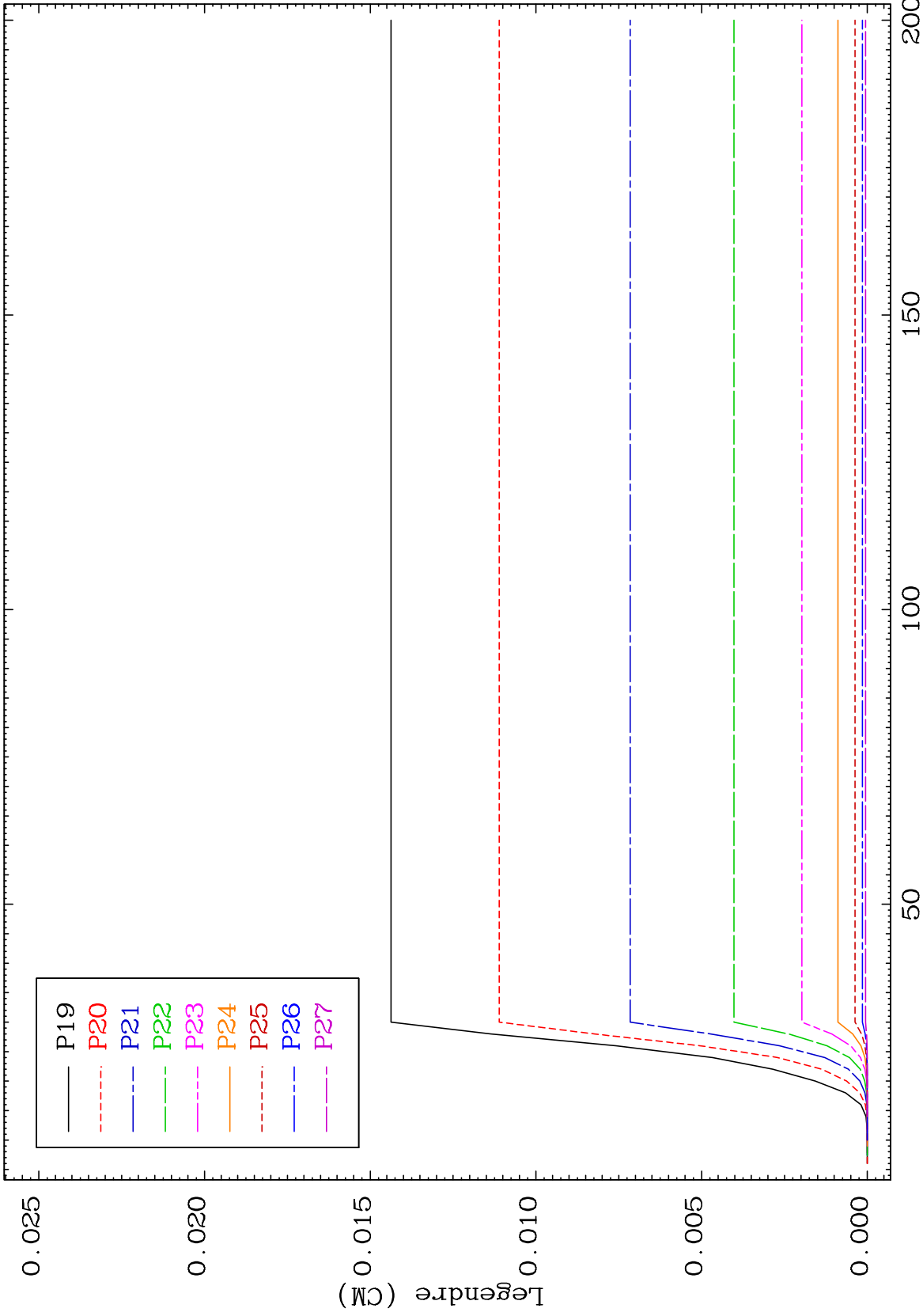
71-Lu-163



53

Incident Energy (MeV)

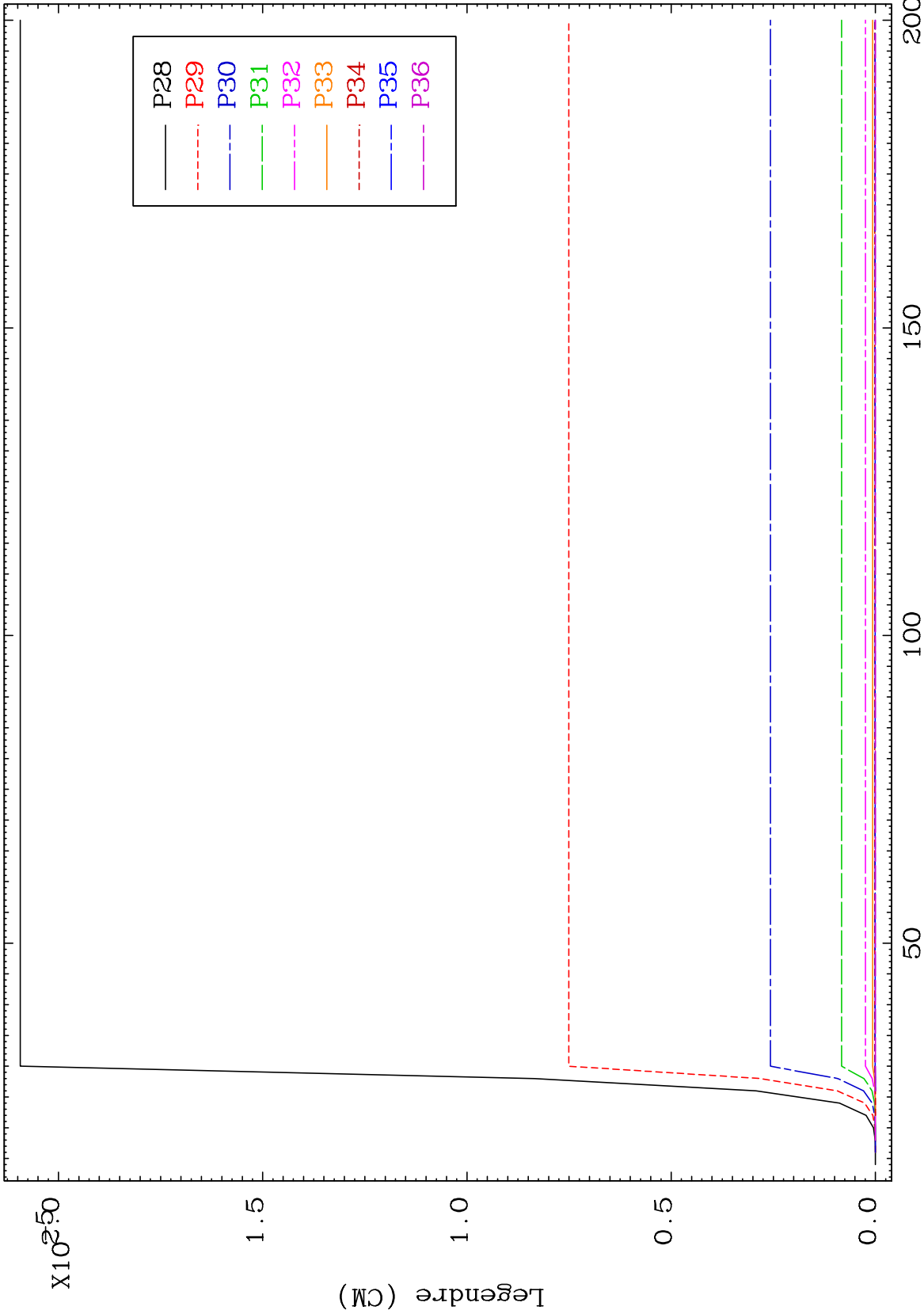
71-Lu-163



MAT 7089

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

71-Lu-163



55

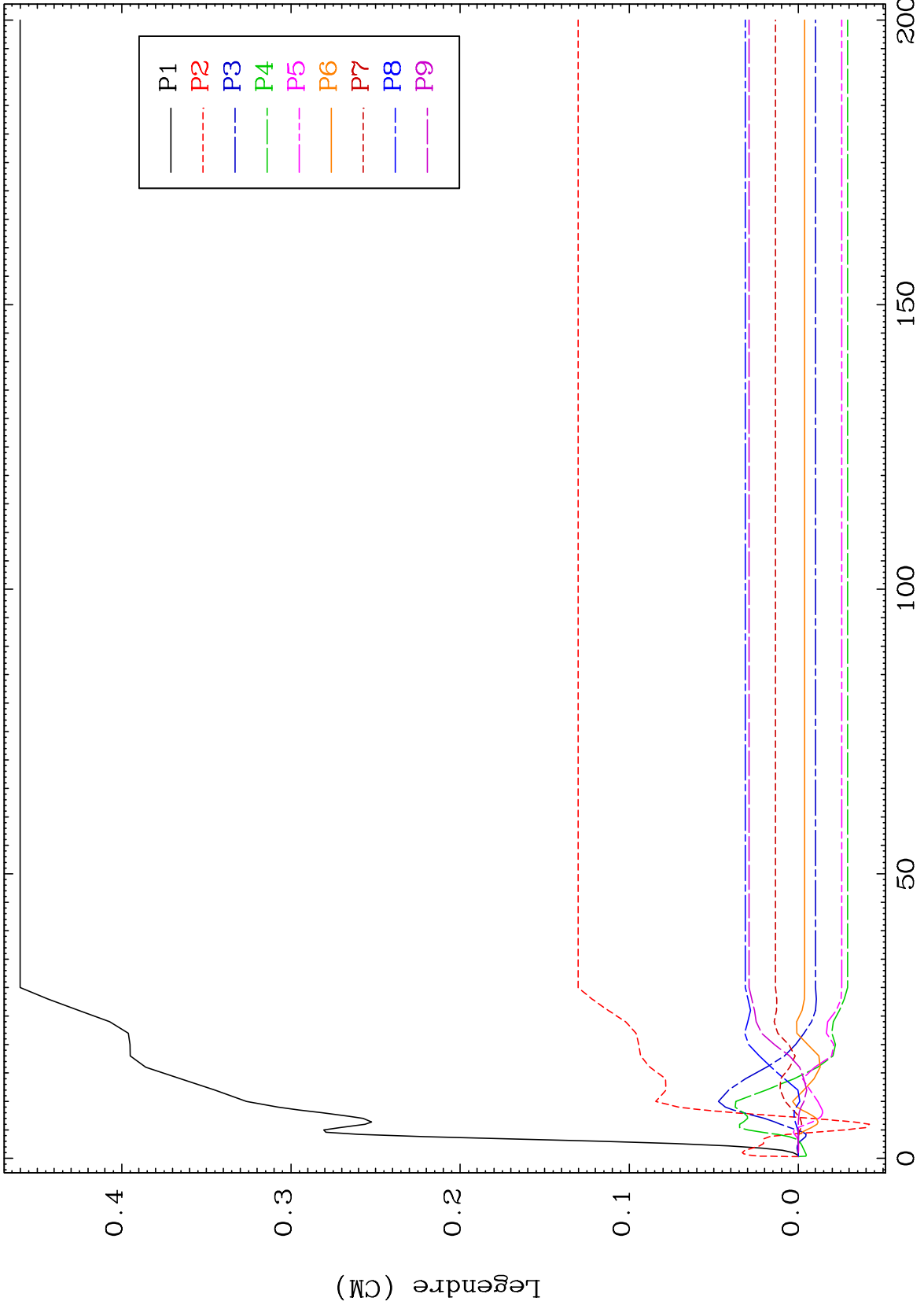
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



56

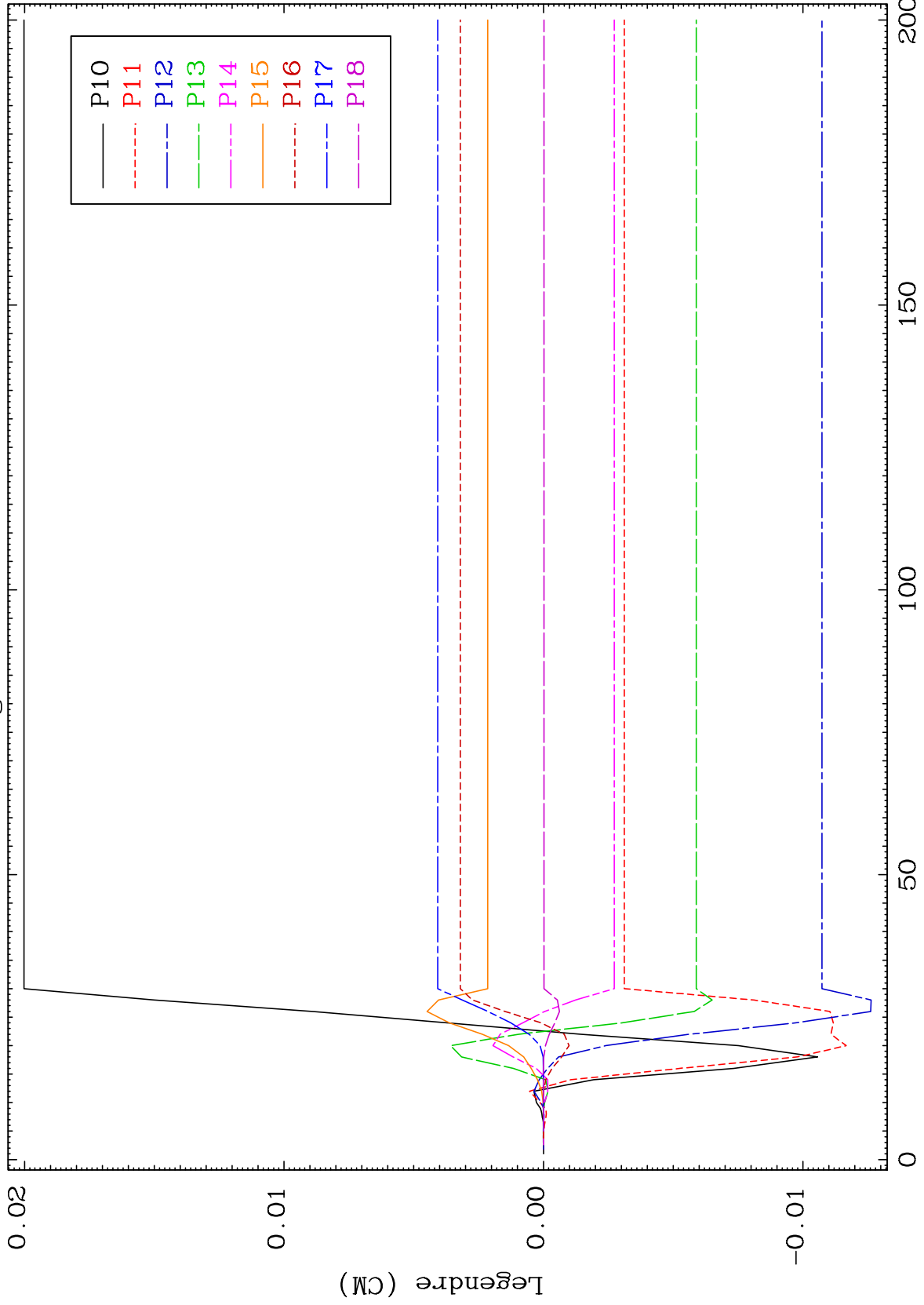
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



57

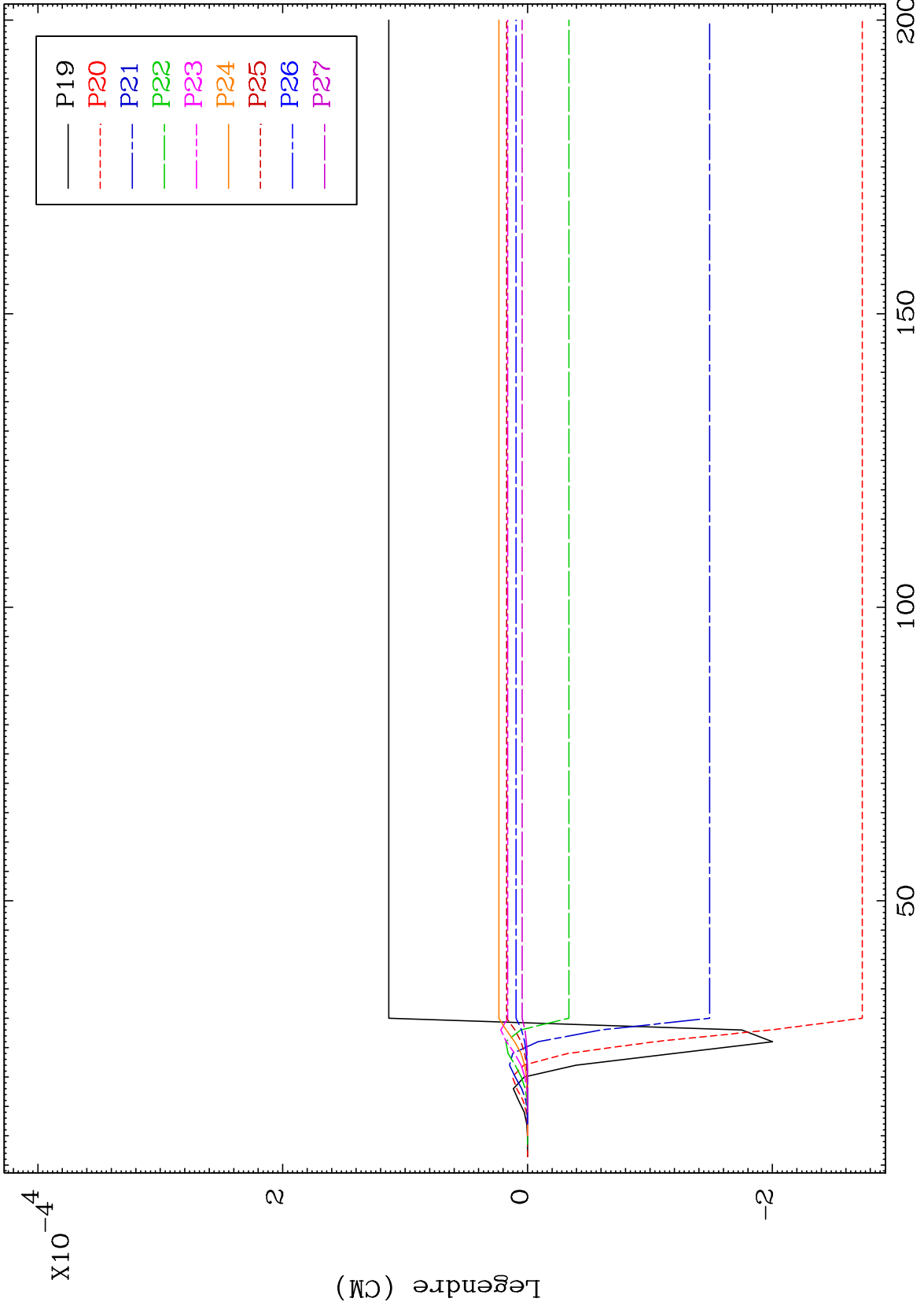
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



58

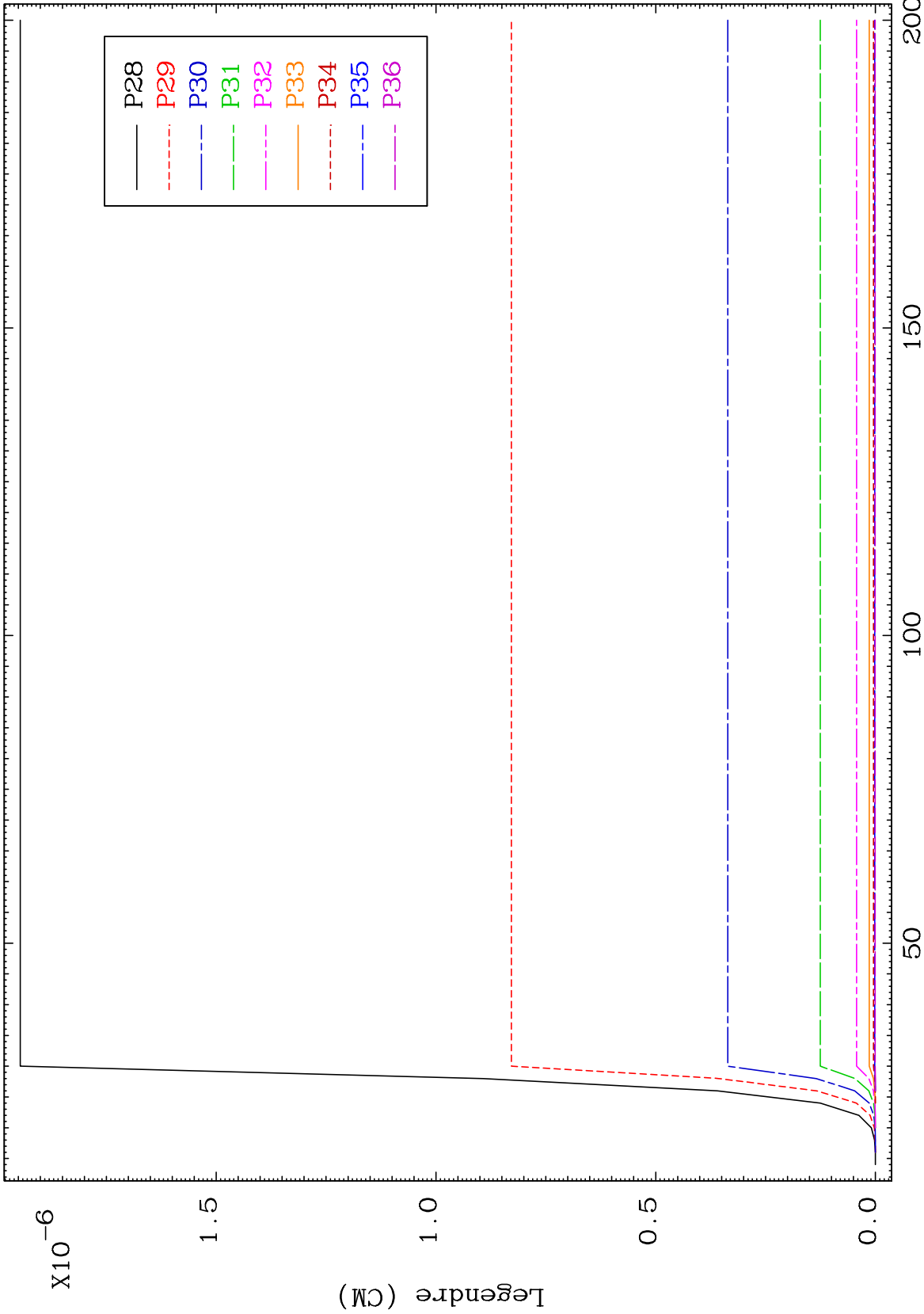
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



59

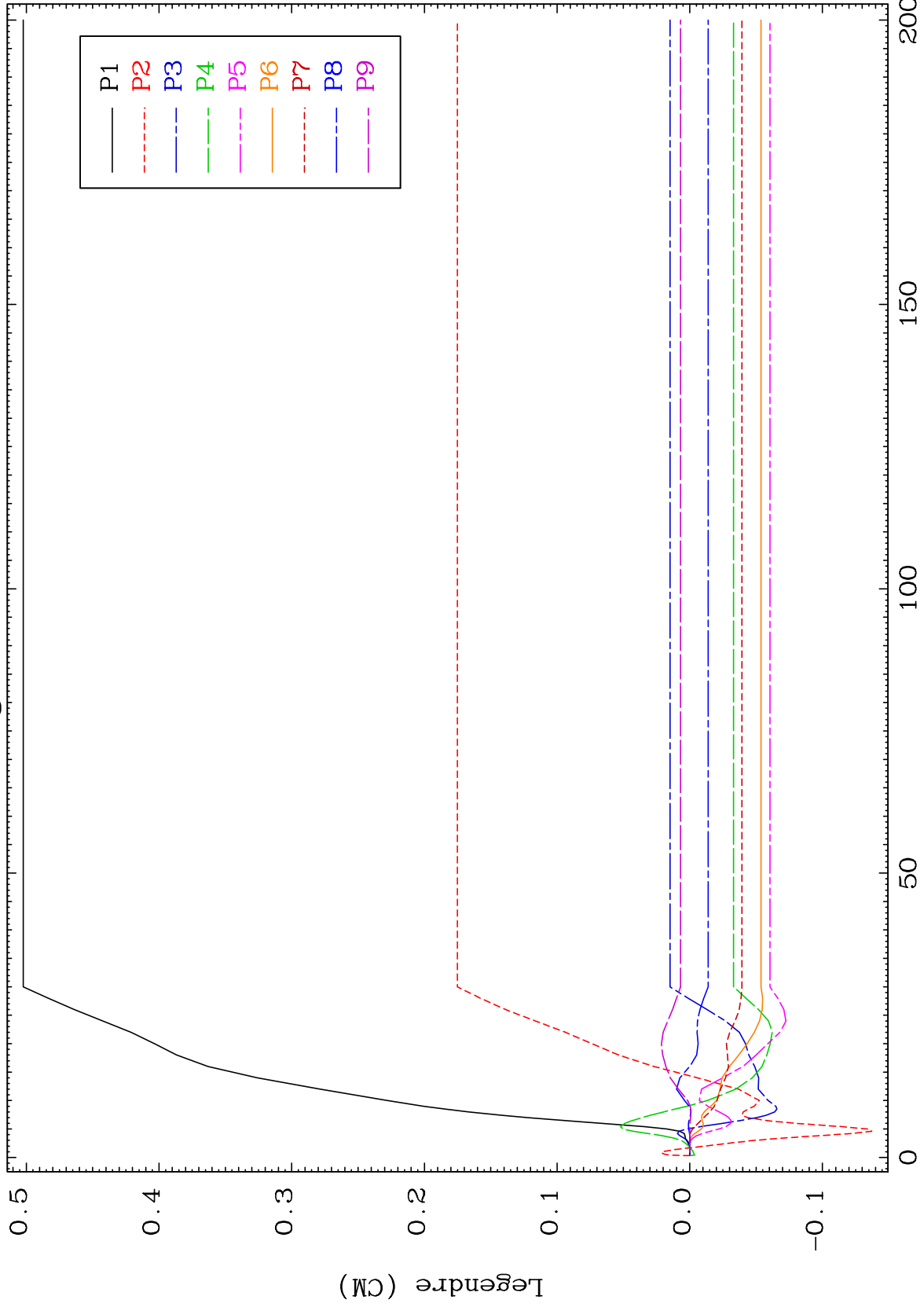
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



71-Lu-163

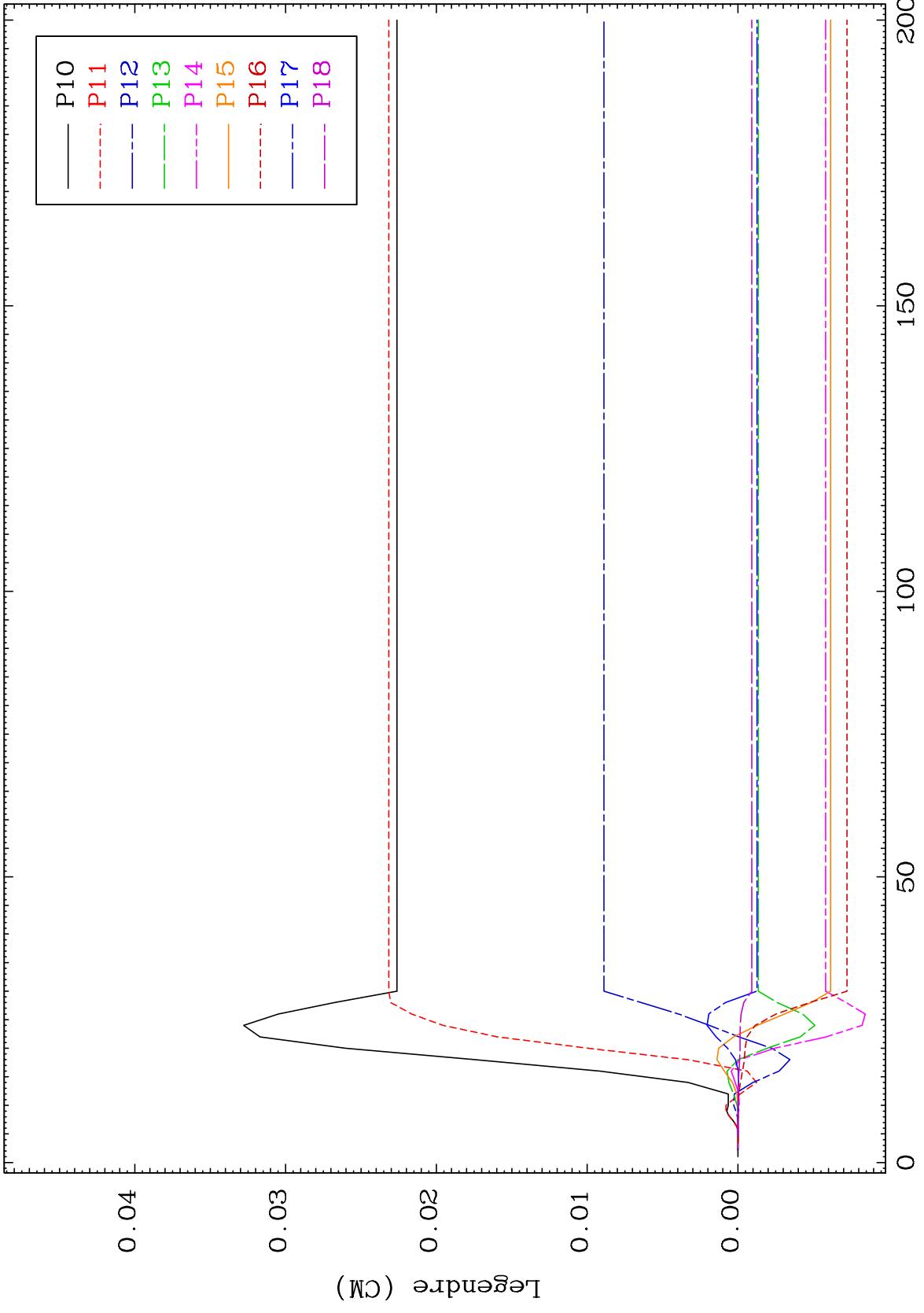
Incident Energy (MeV)

60

MAT 7089

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

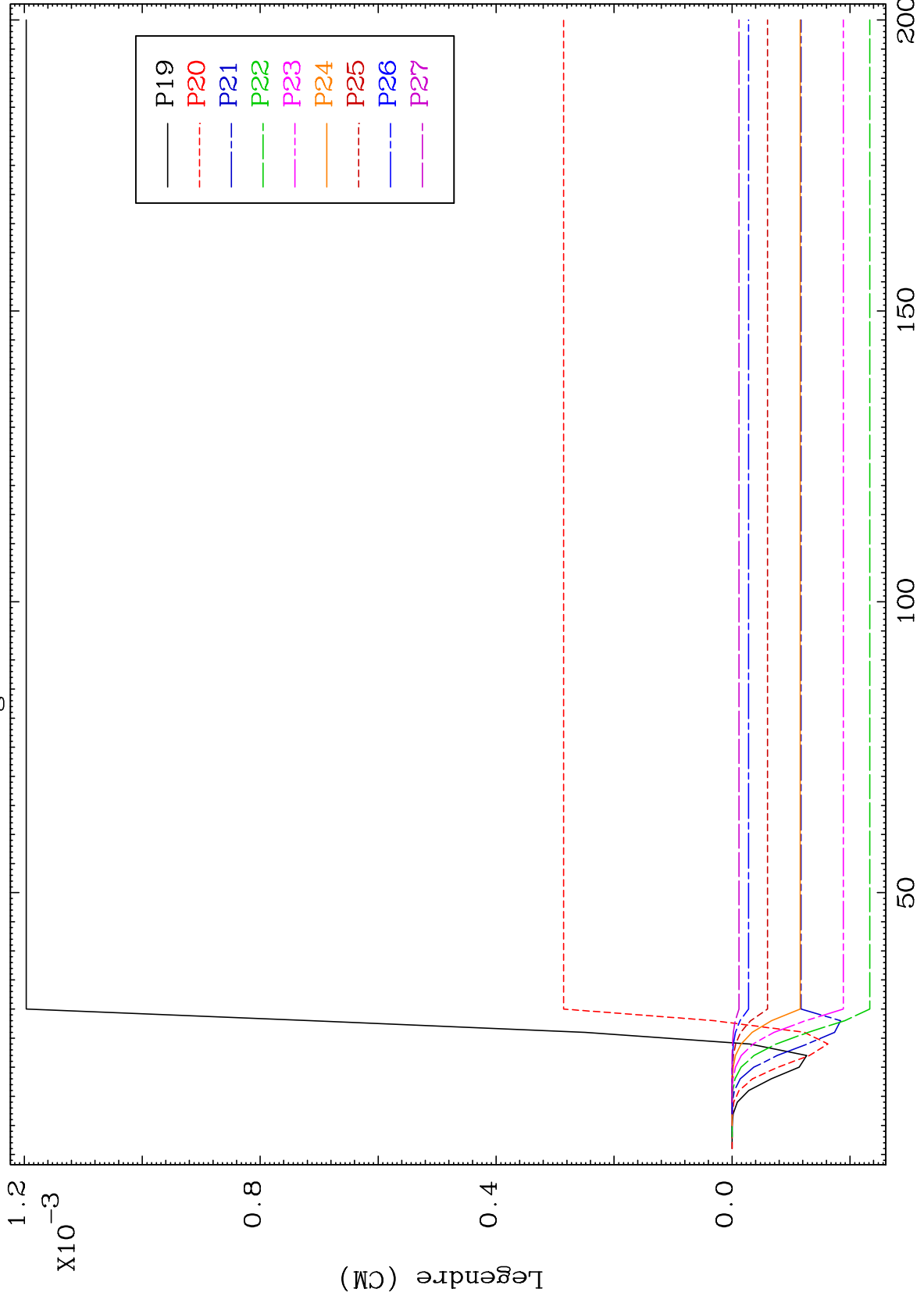
71-Lu-163



61

Incident Energy (MeV)

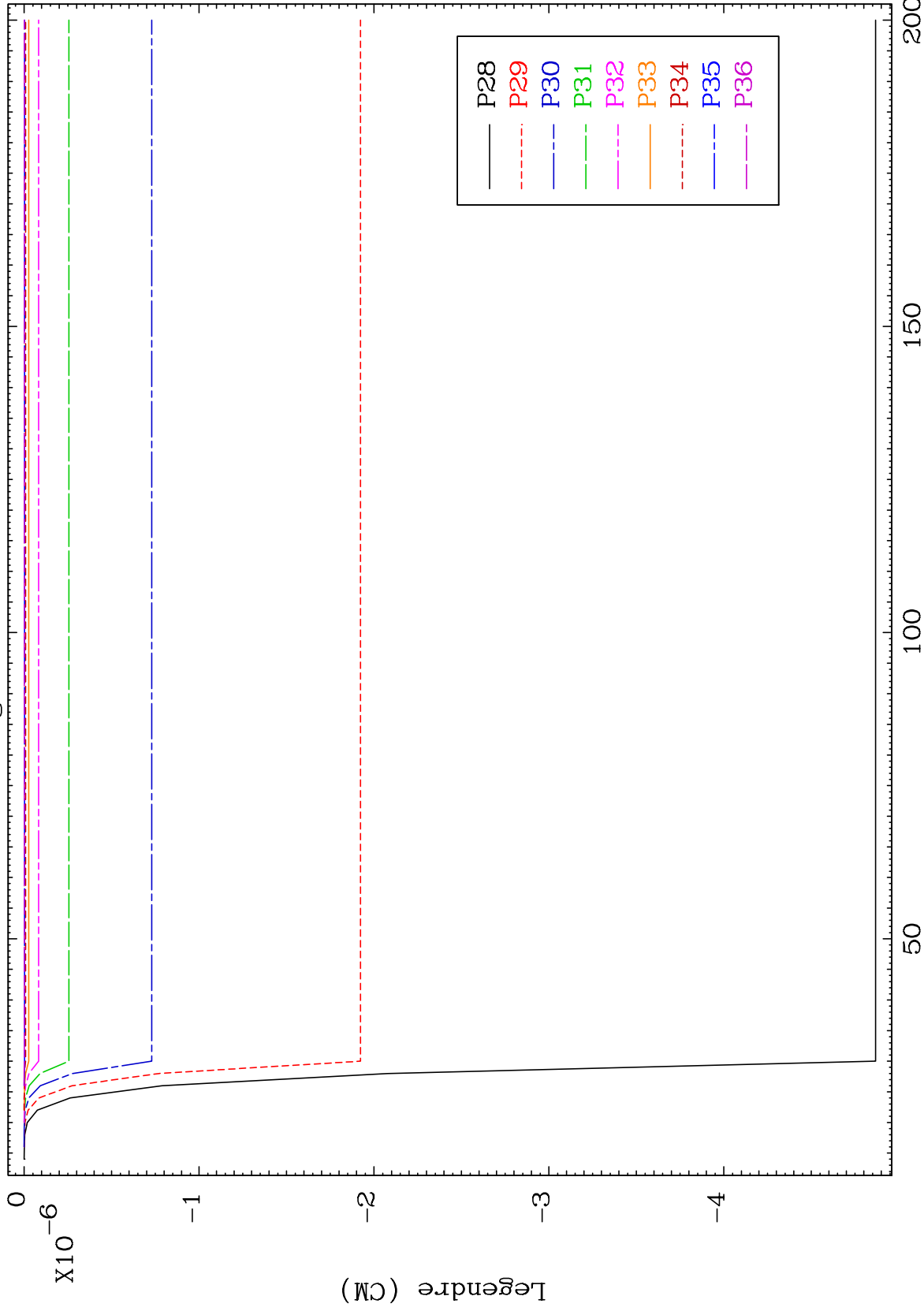
71-Lu-163



MAT 7089

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

71-Lu-163



63

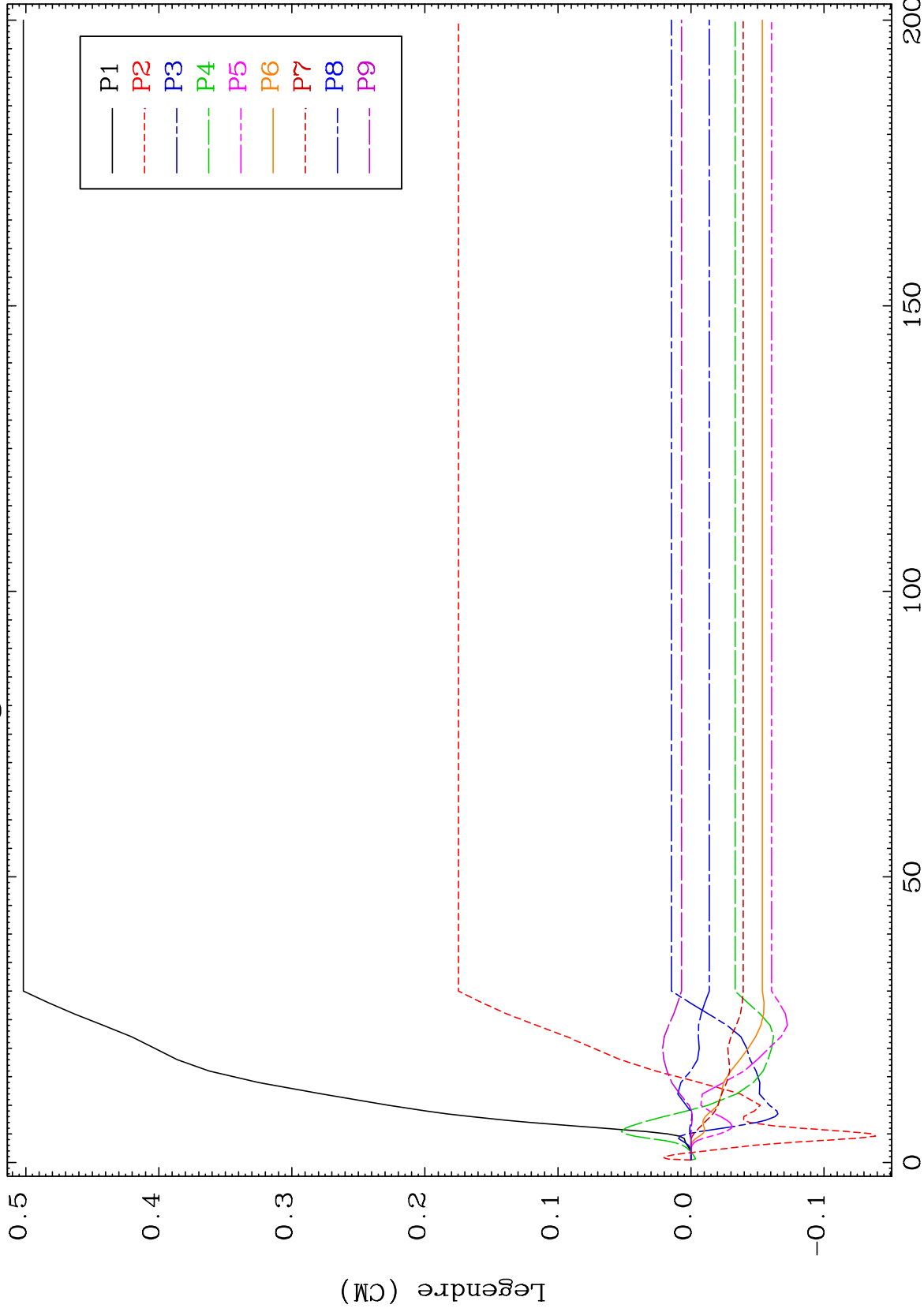
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



64

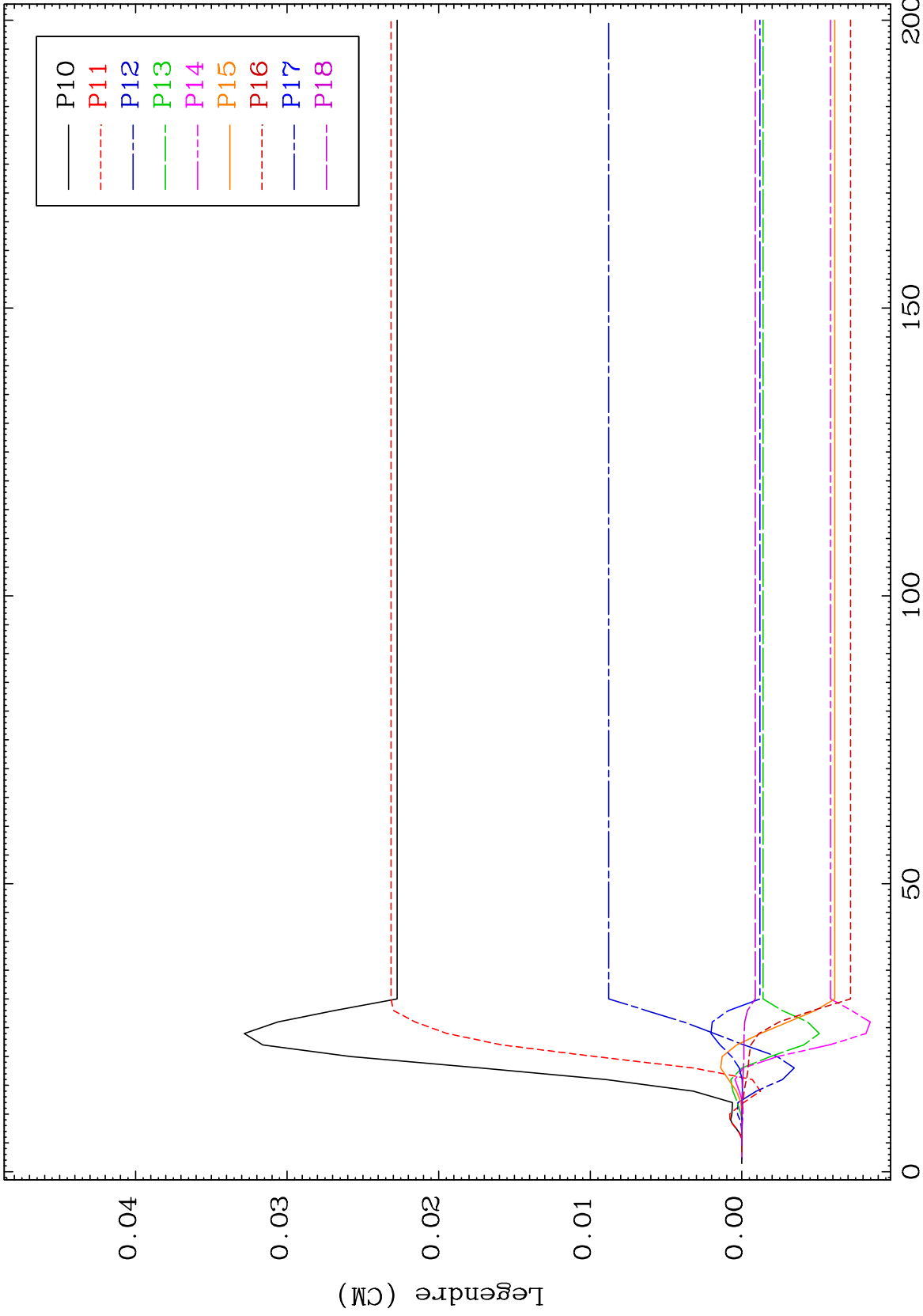
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



65

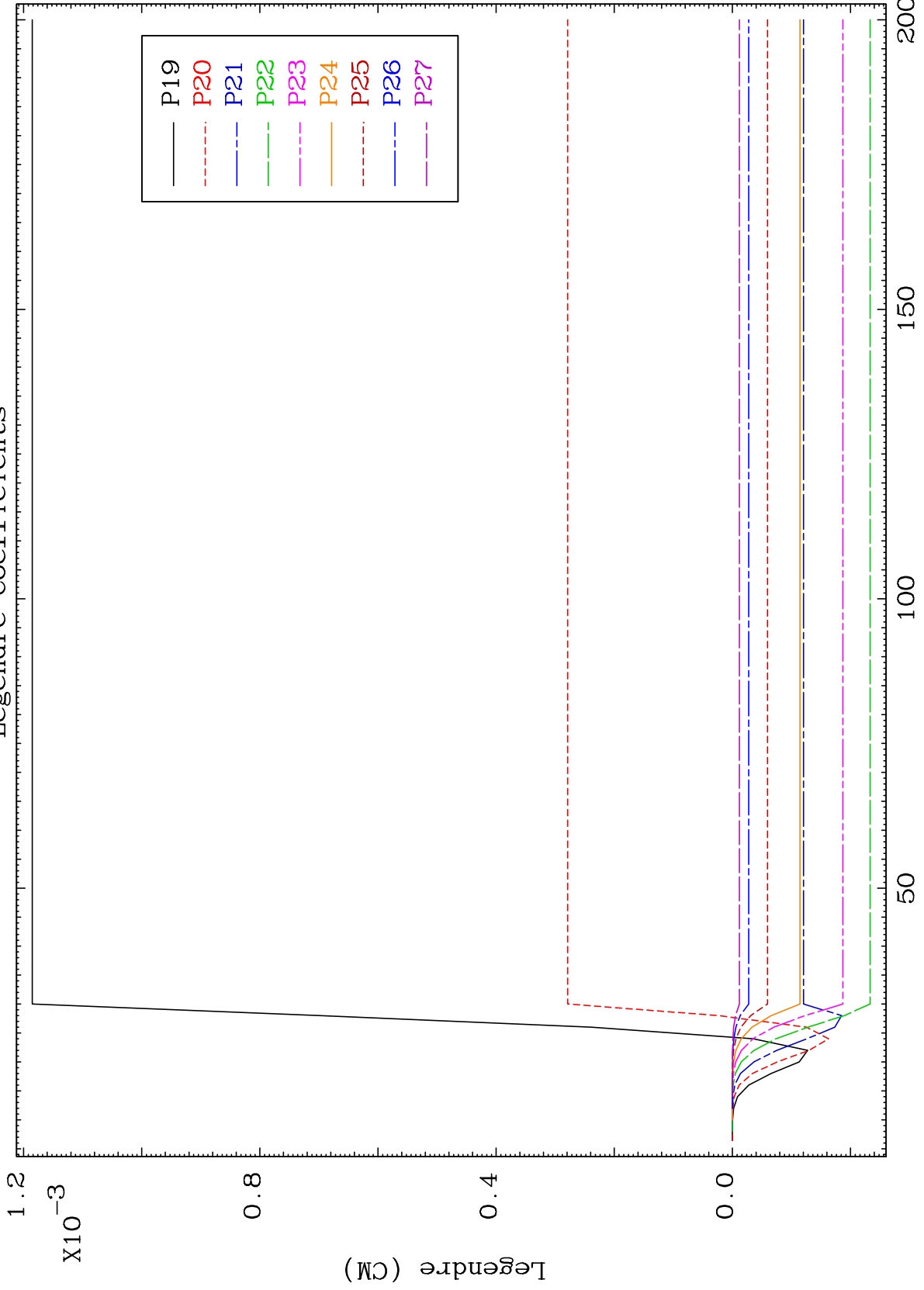
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



66

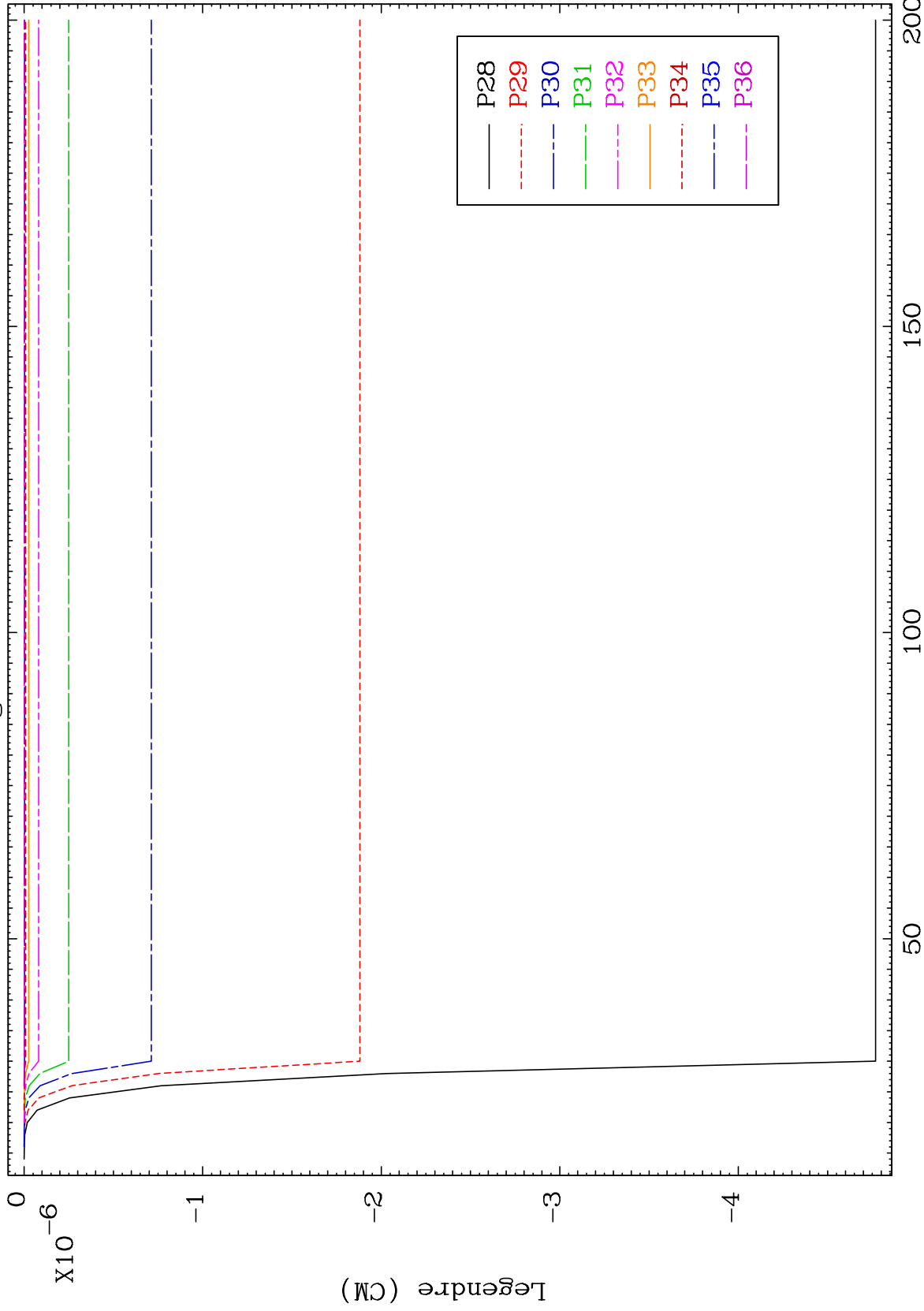
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



67

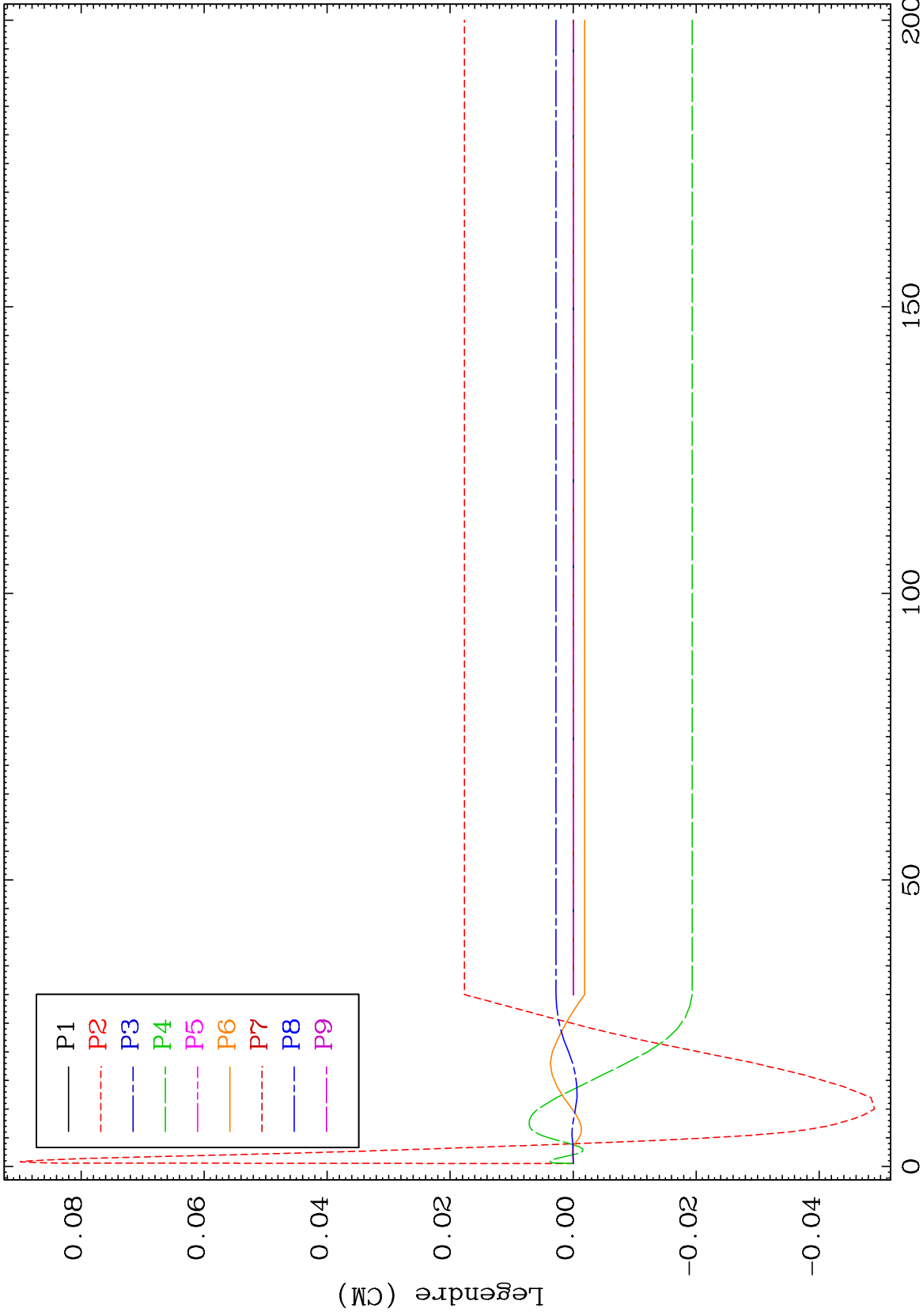
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



68

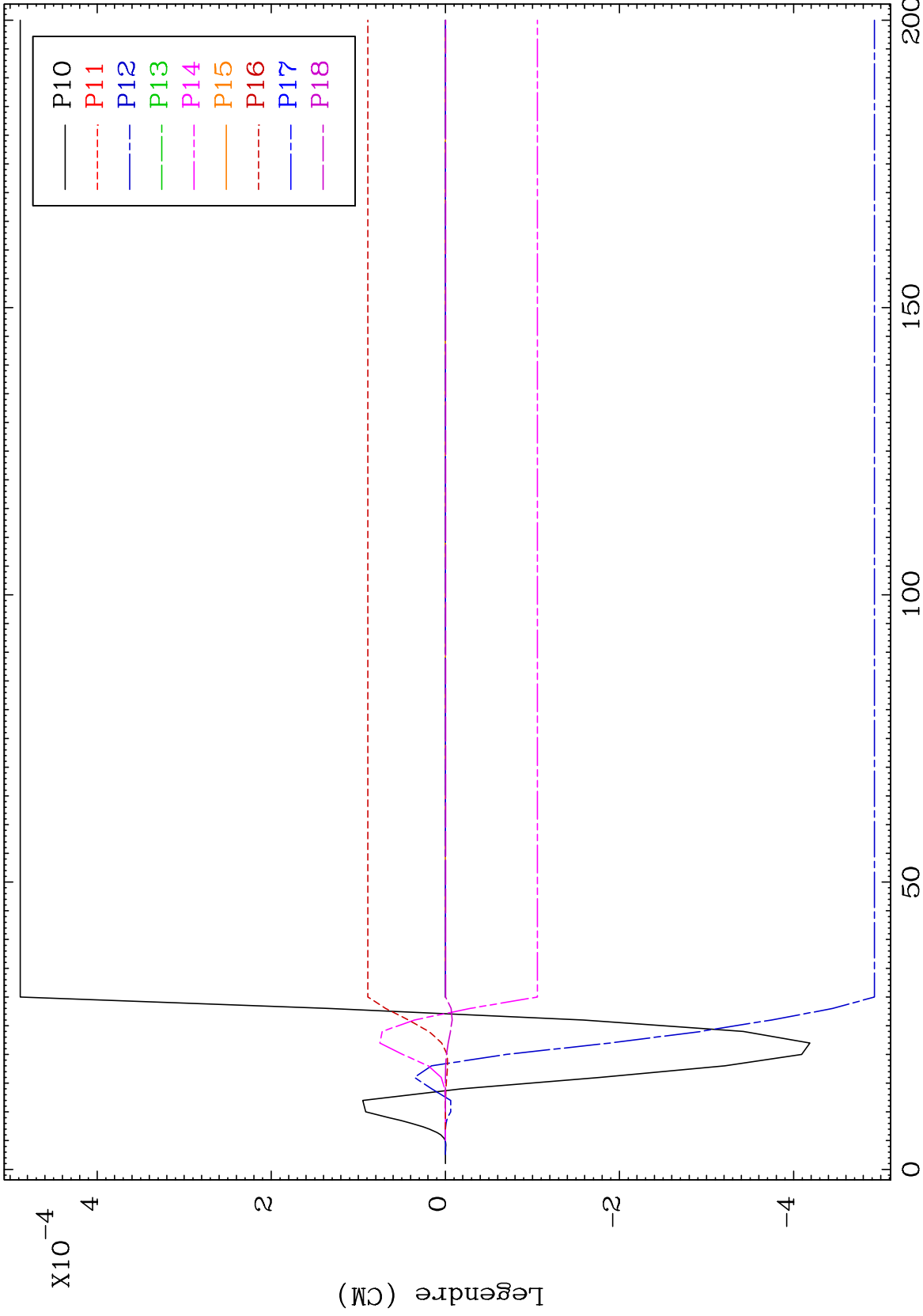
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



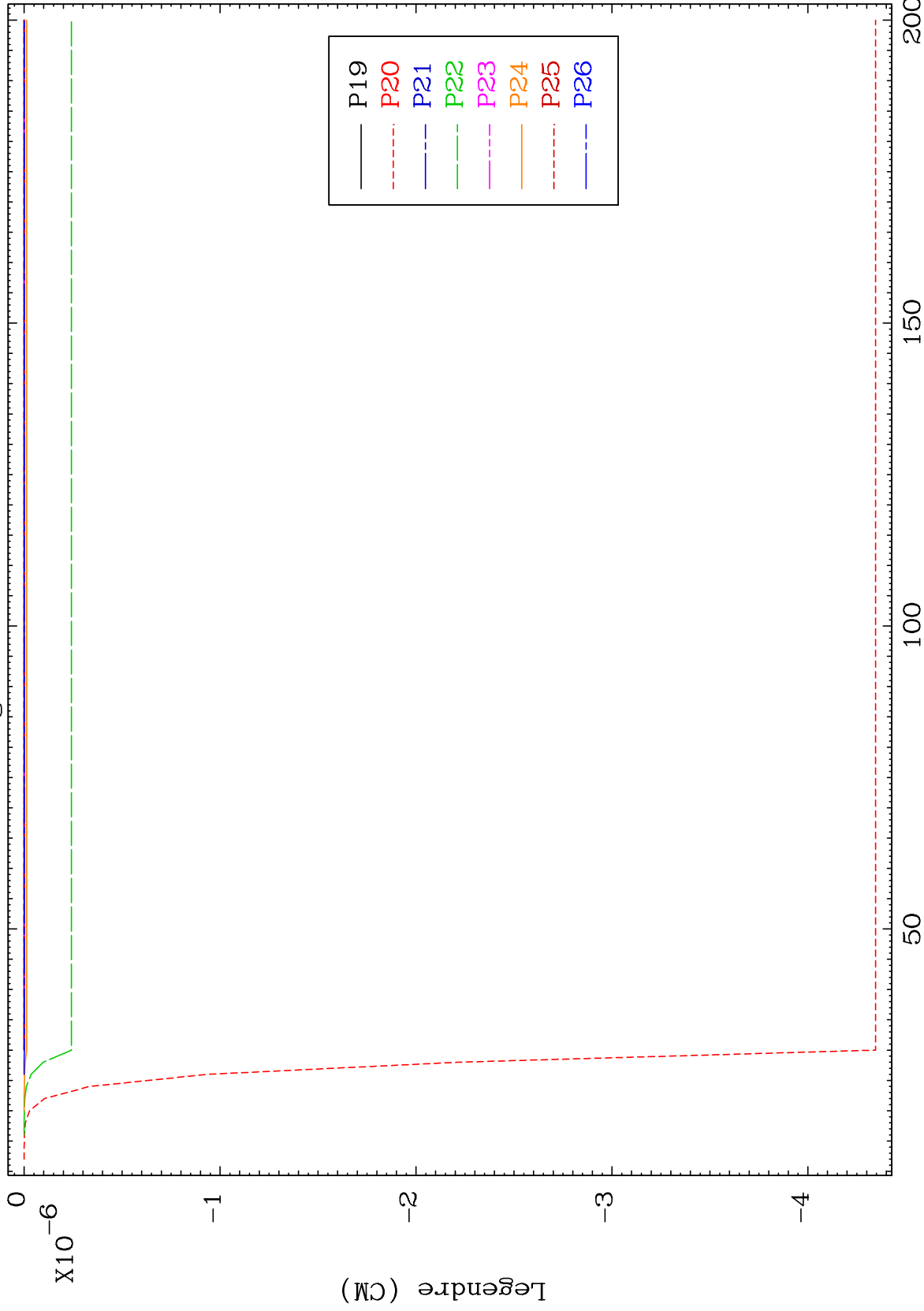
69

71-Lu-163

MAT 7089

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

71-Lu-163



70

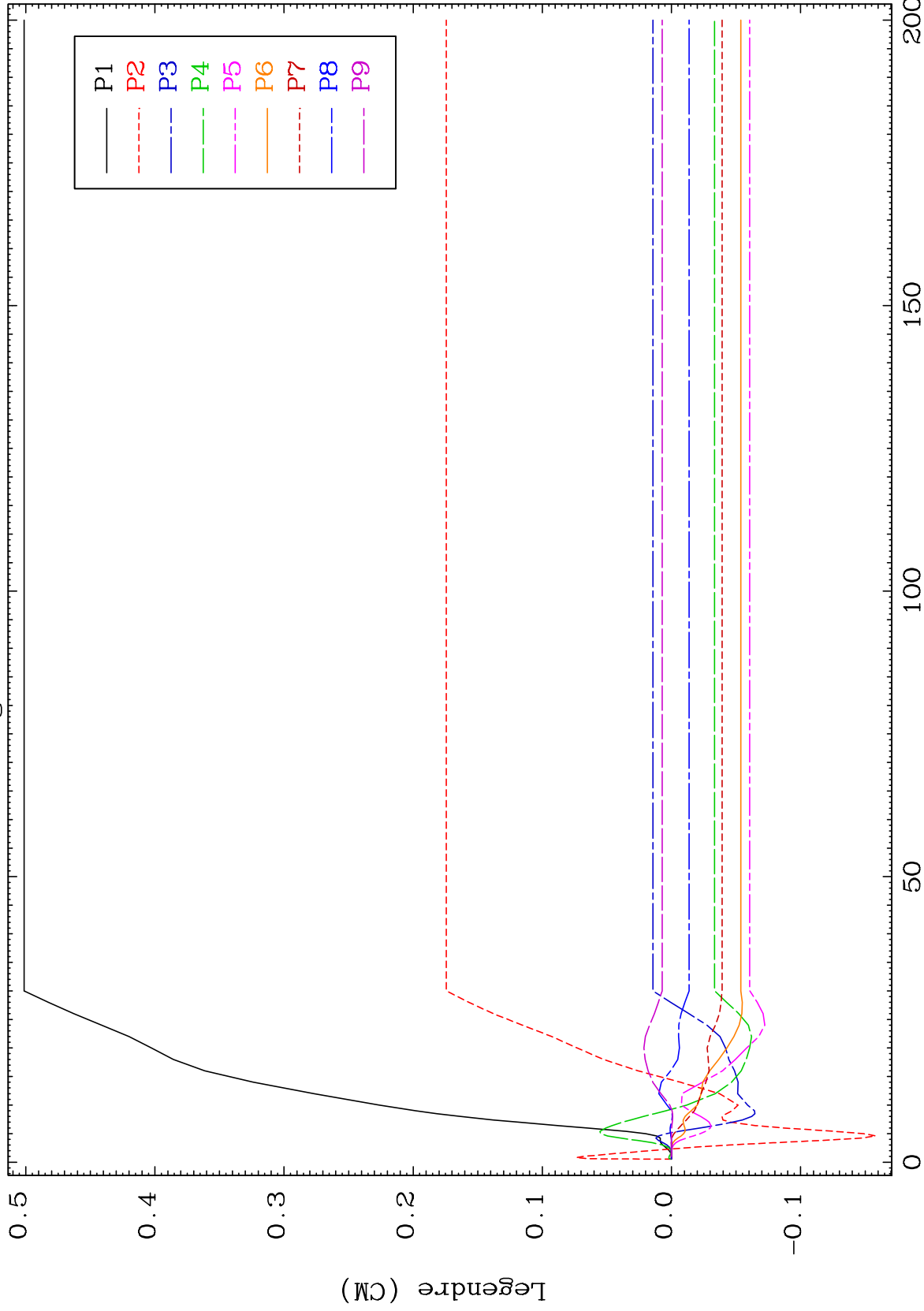
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



71

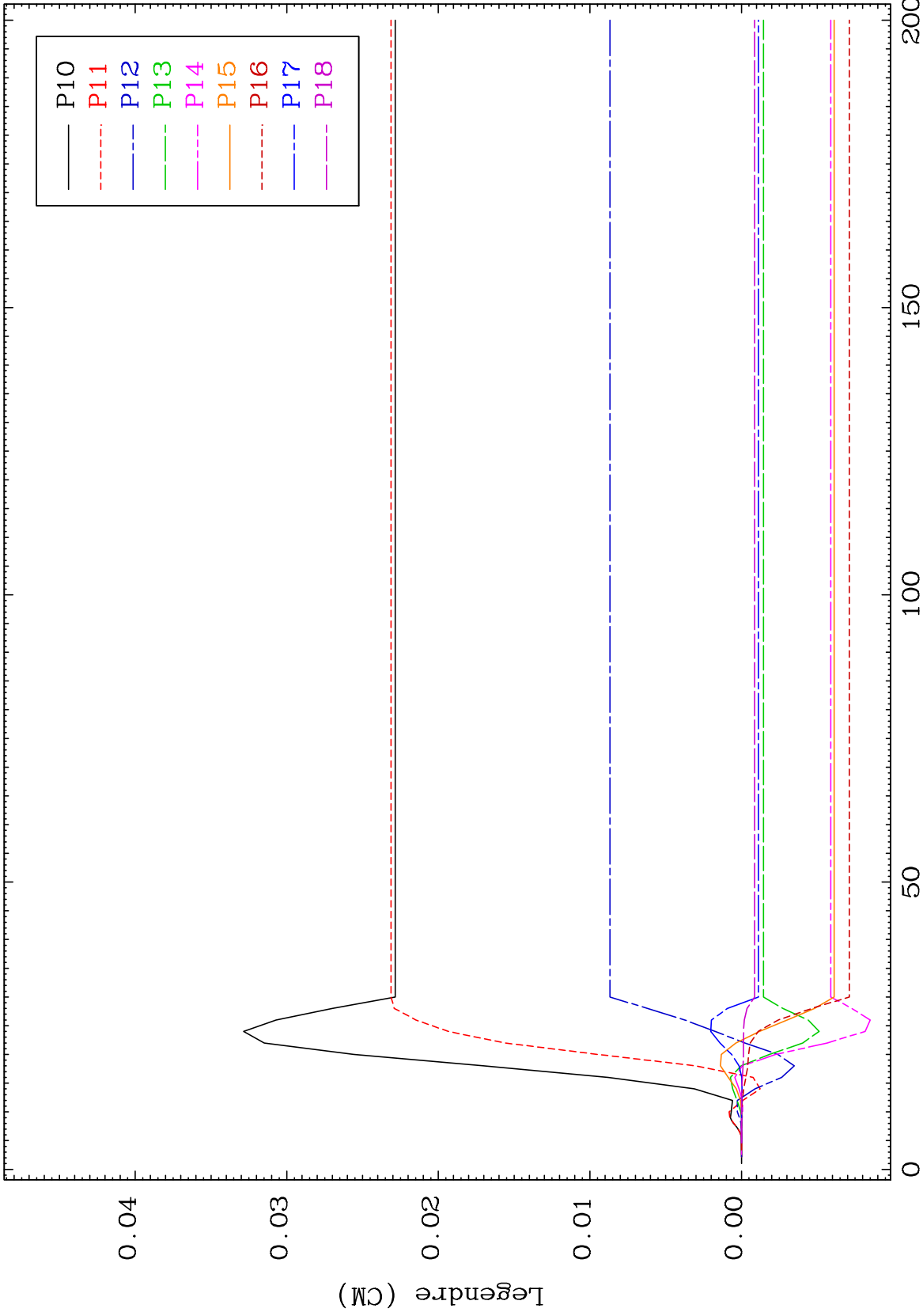
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



72

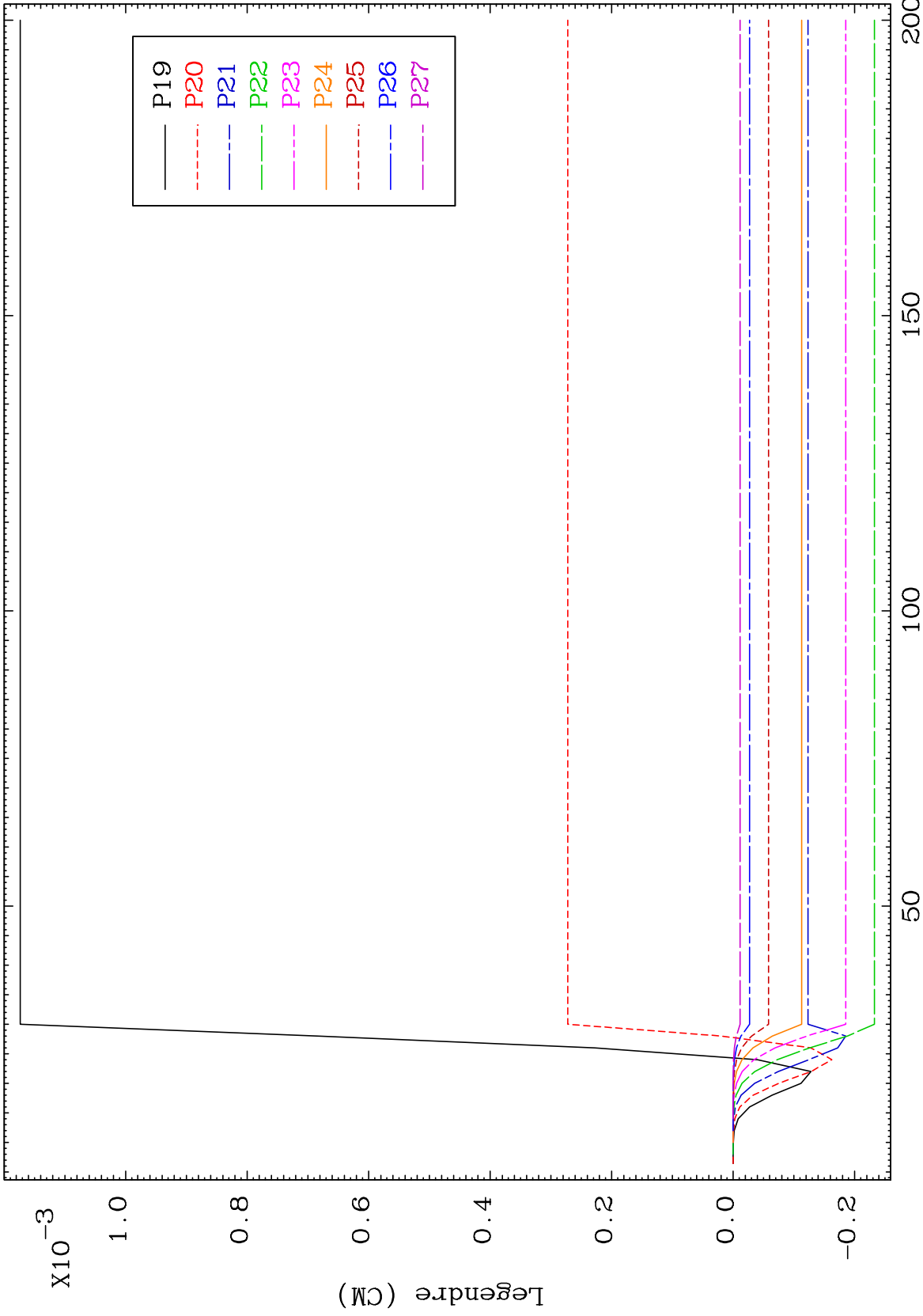
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



73

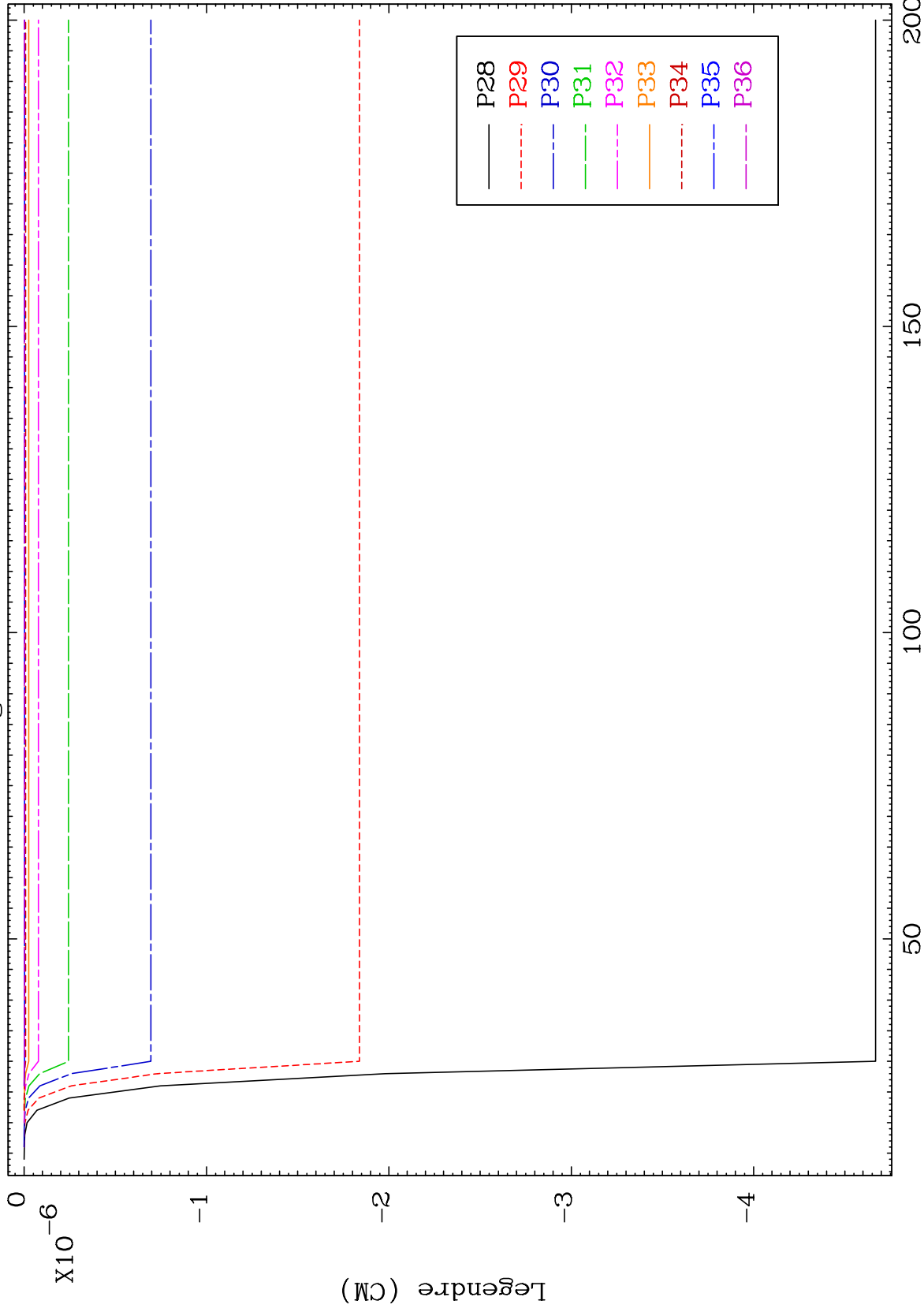
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



74

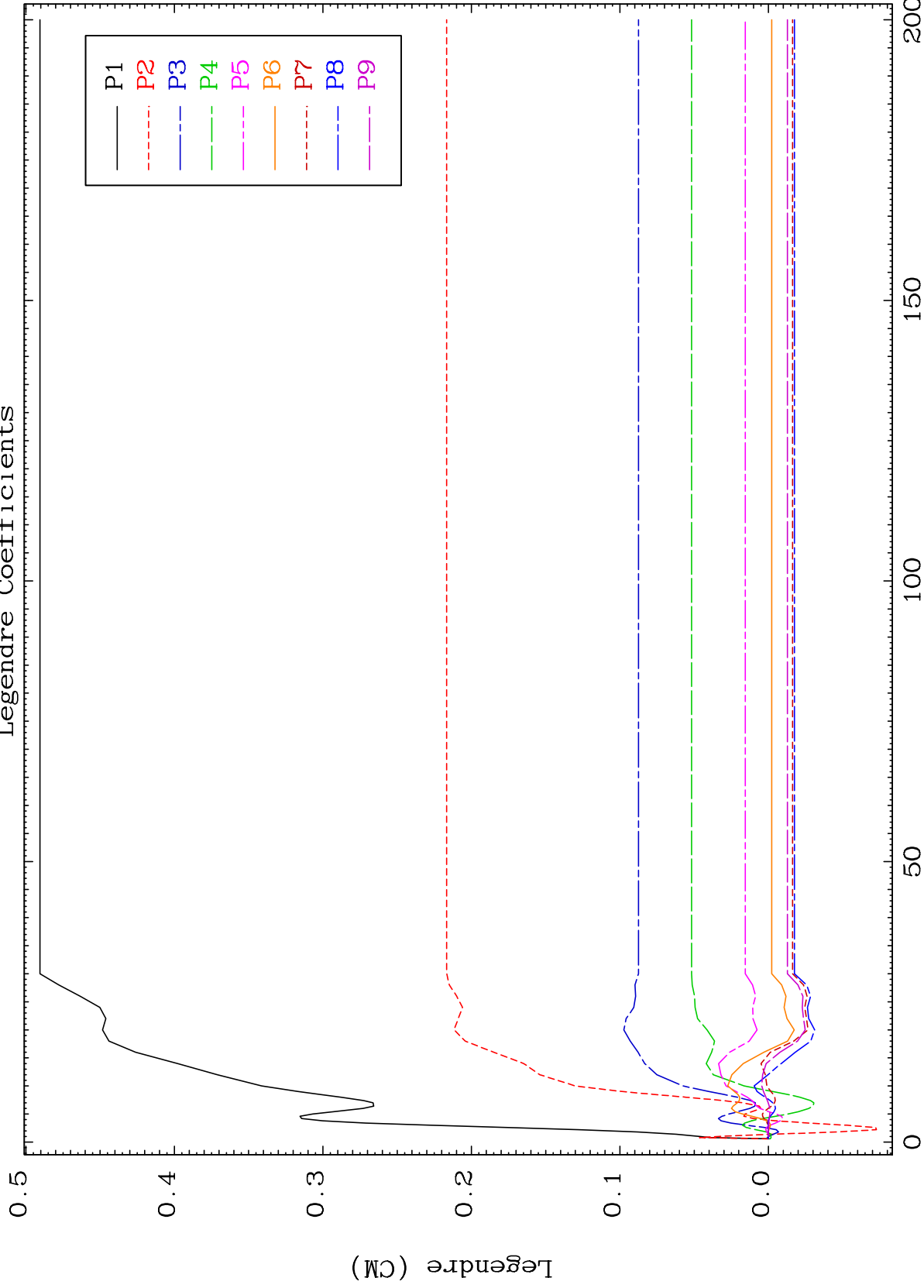
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



75

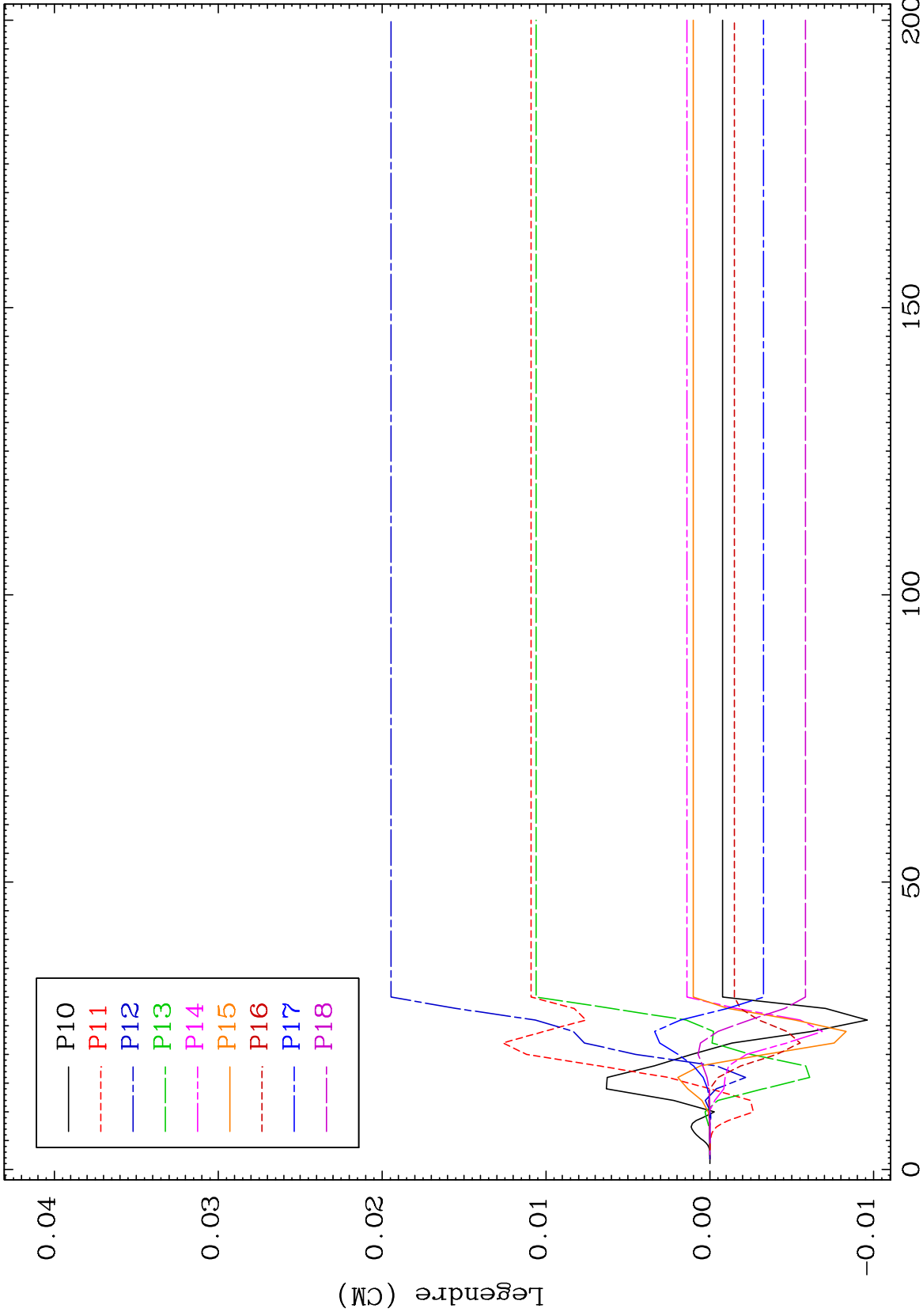
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

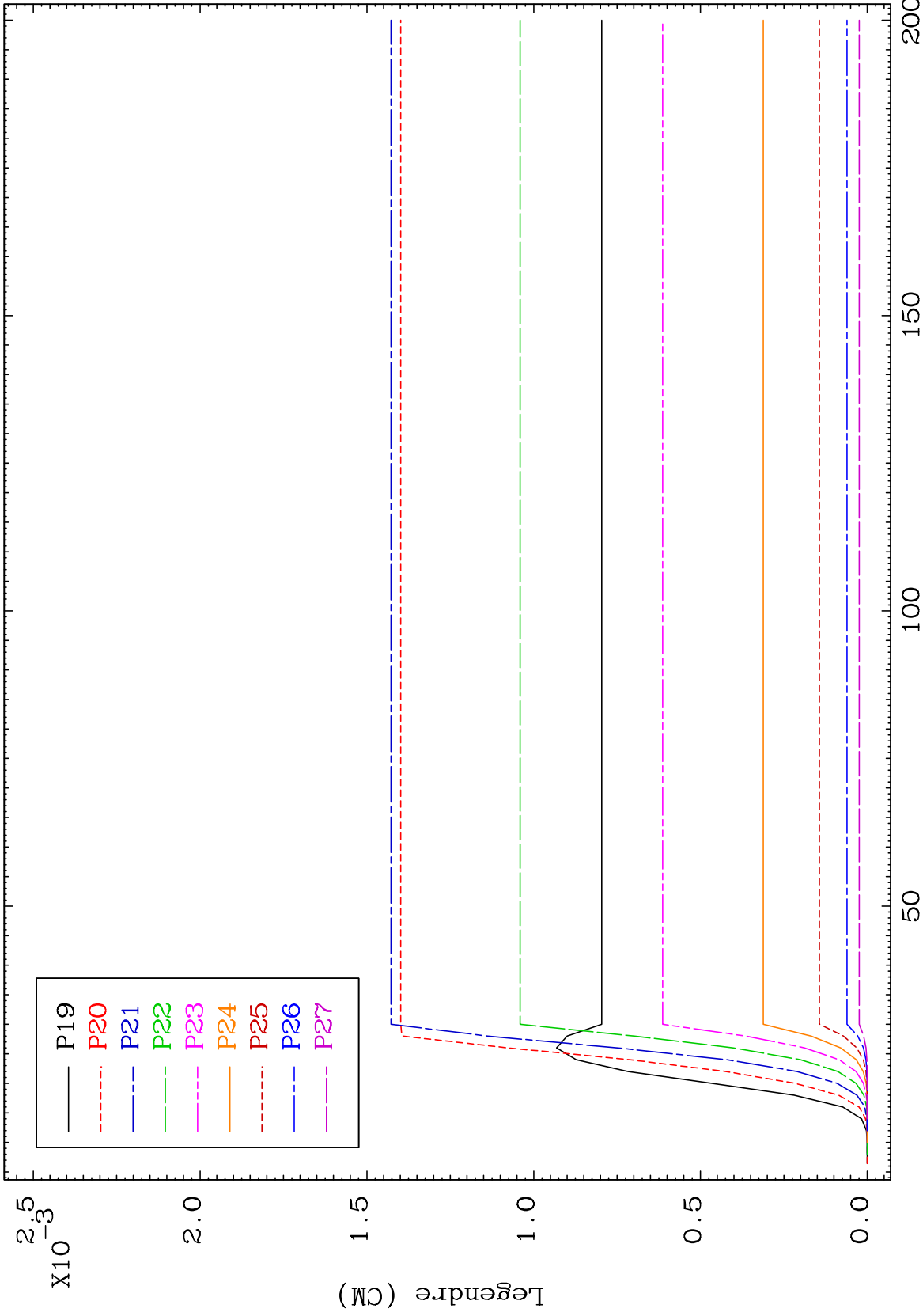
71-Lu-163



76

Incident Energy (MeV)

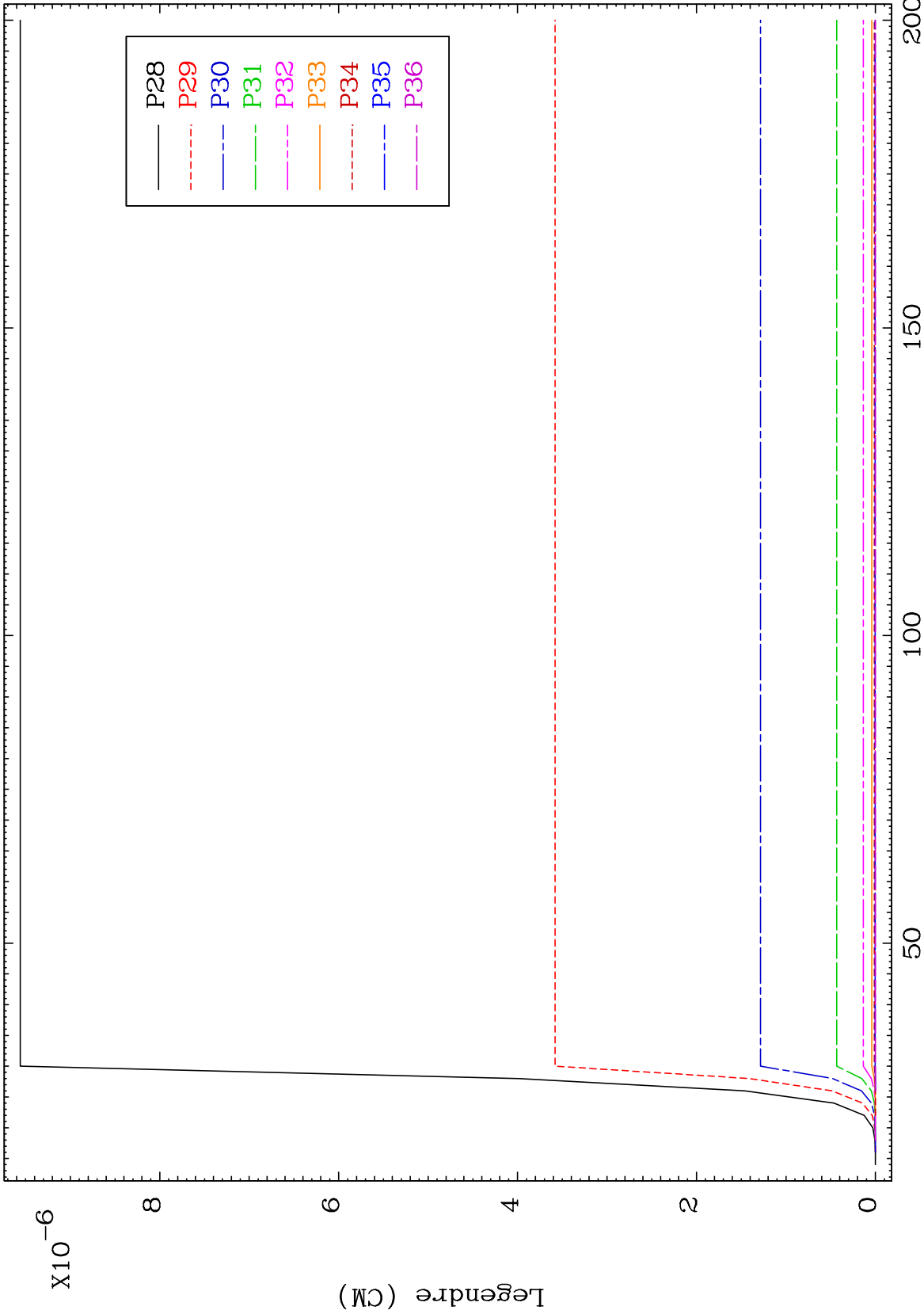
71-Lu-163



MAT 7089

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

71-Lu-163



78

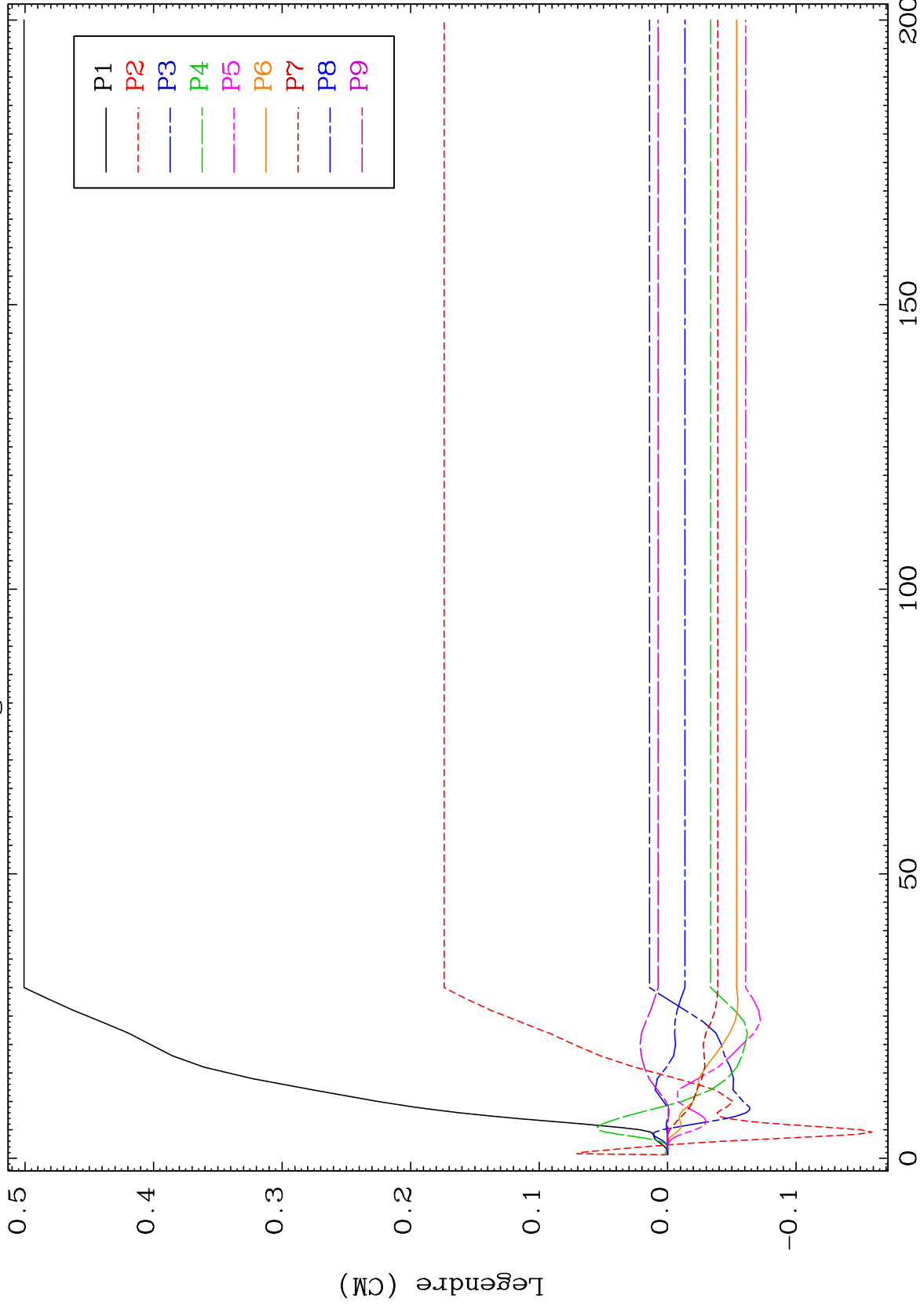
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



79

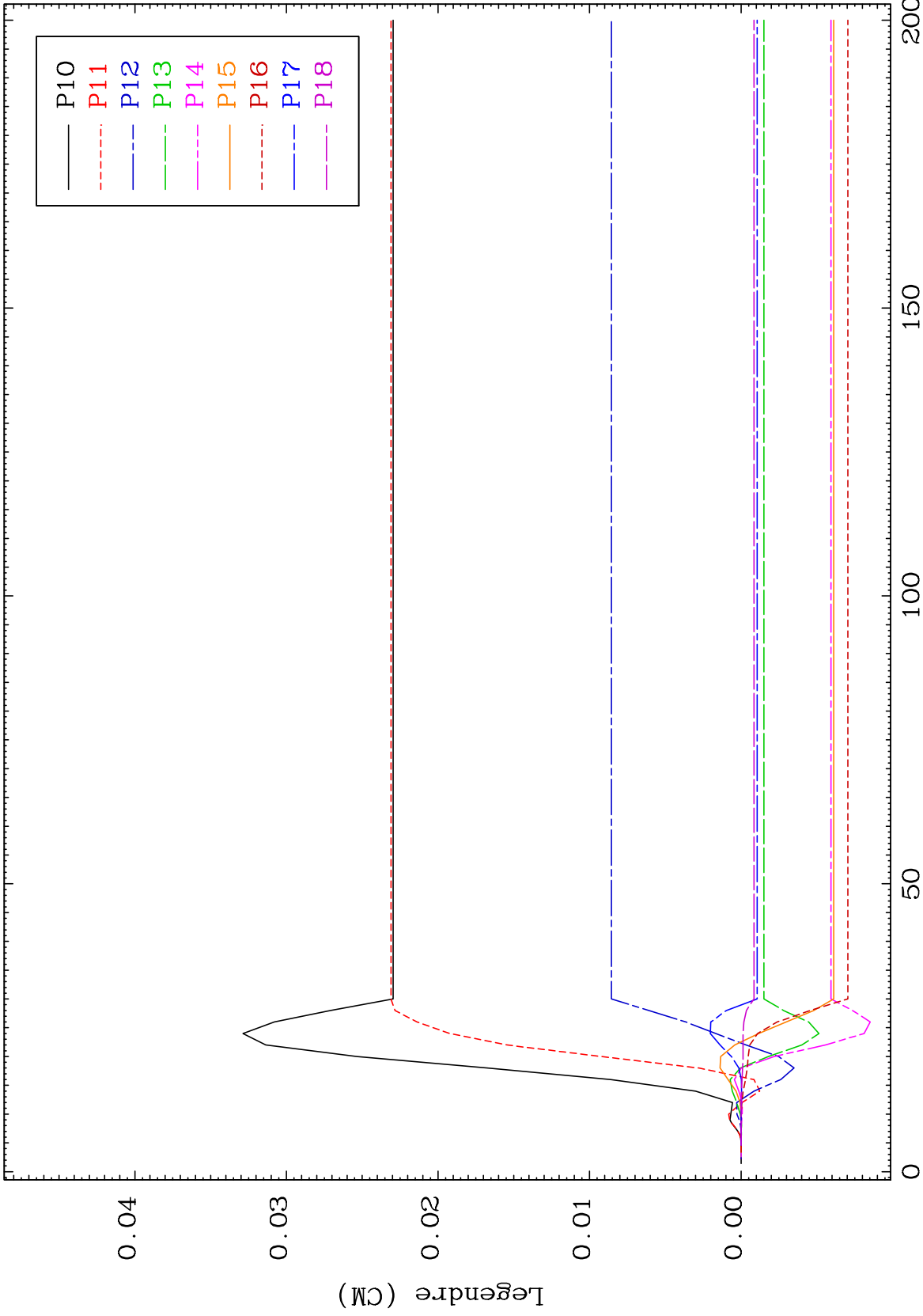
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

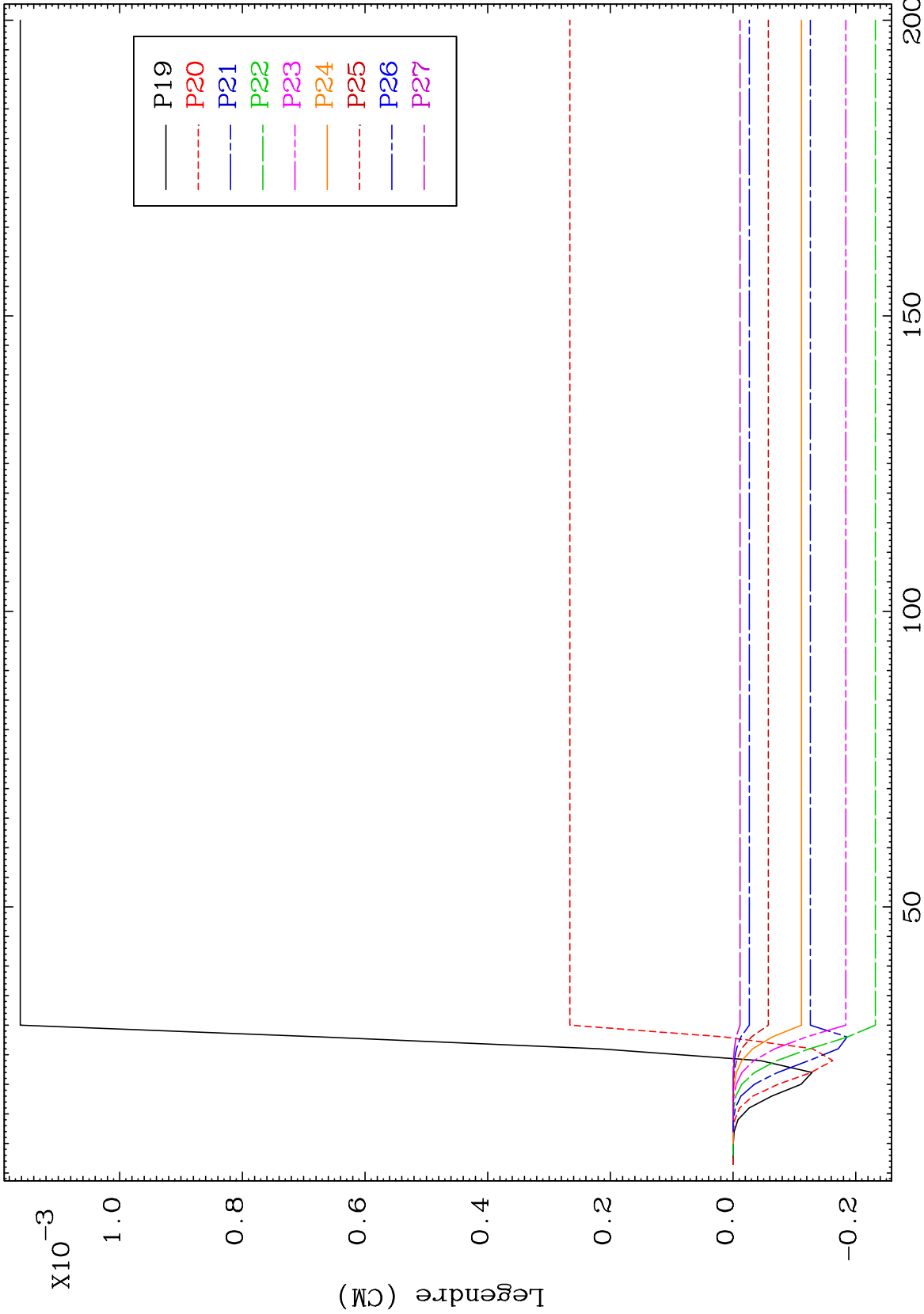
71-Lu-163



80

Incident Energy (MeV)

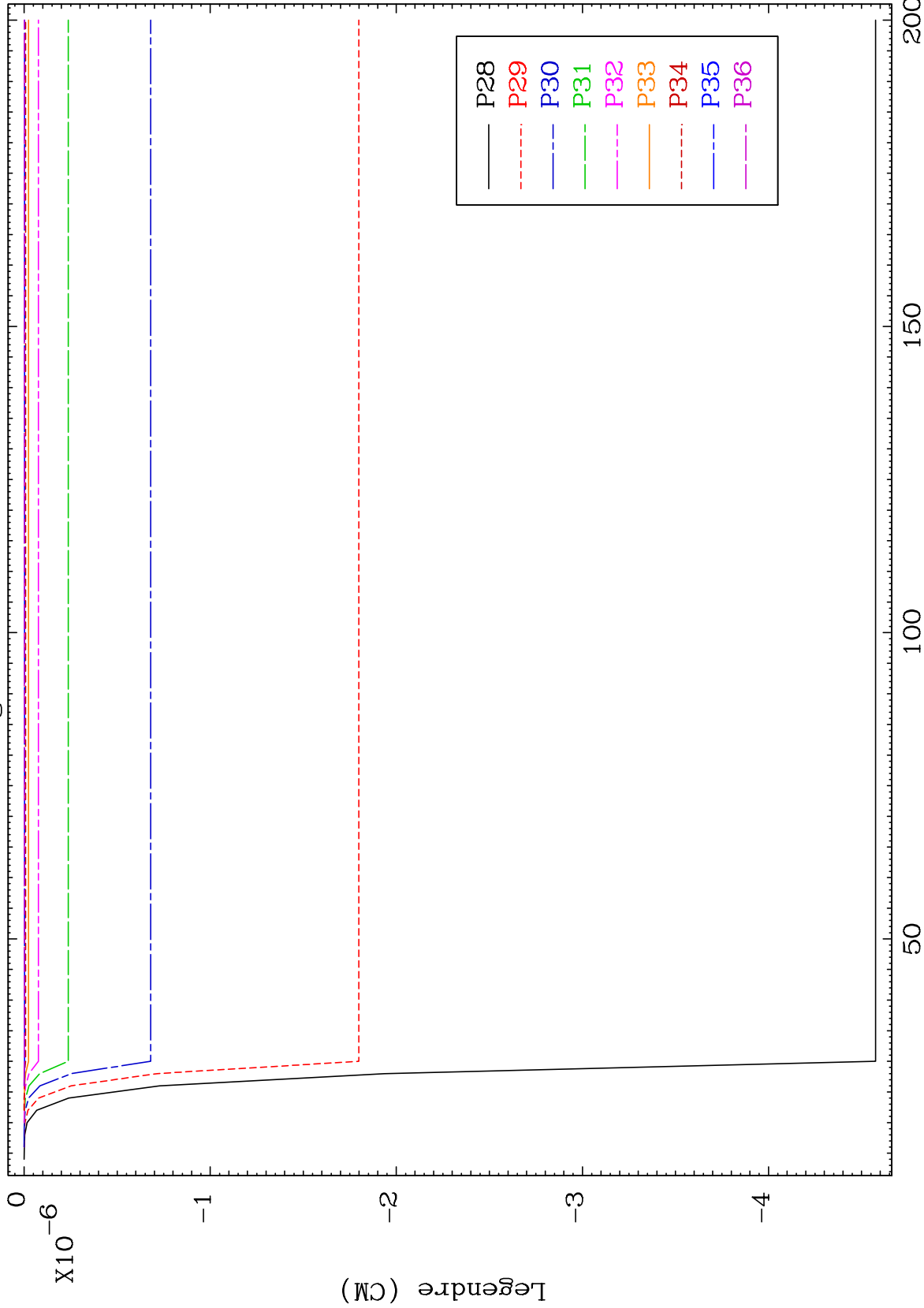
71-Lu-163



MAT 7089

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

71-Lu-163



82

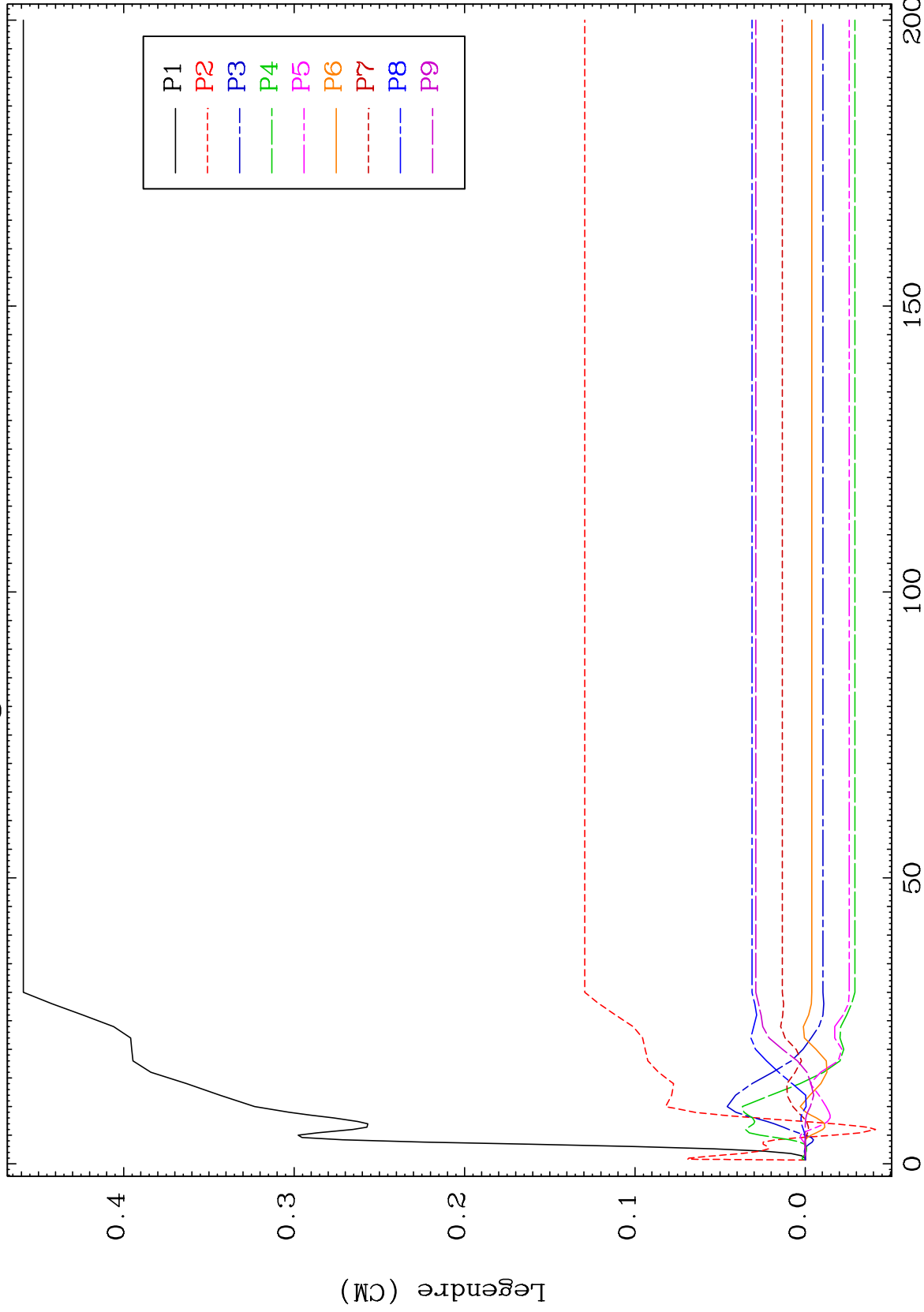
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



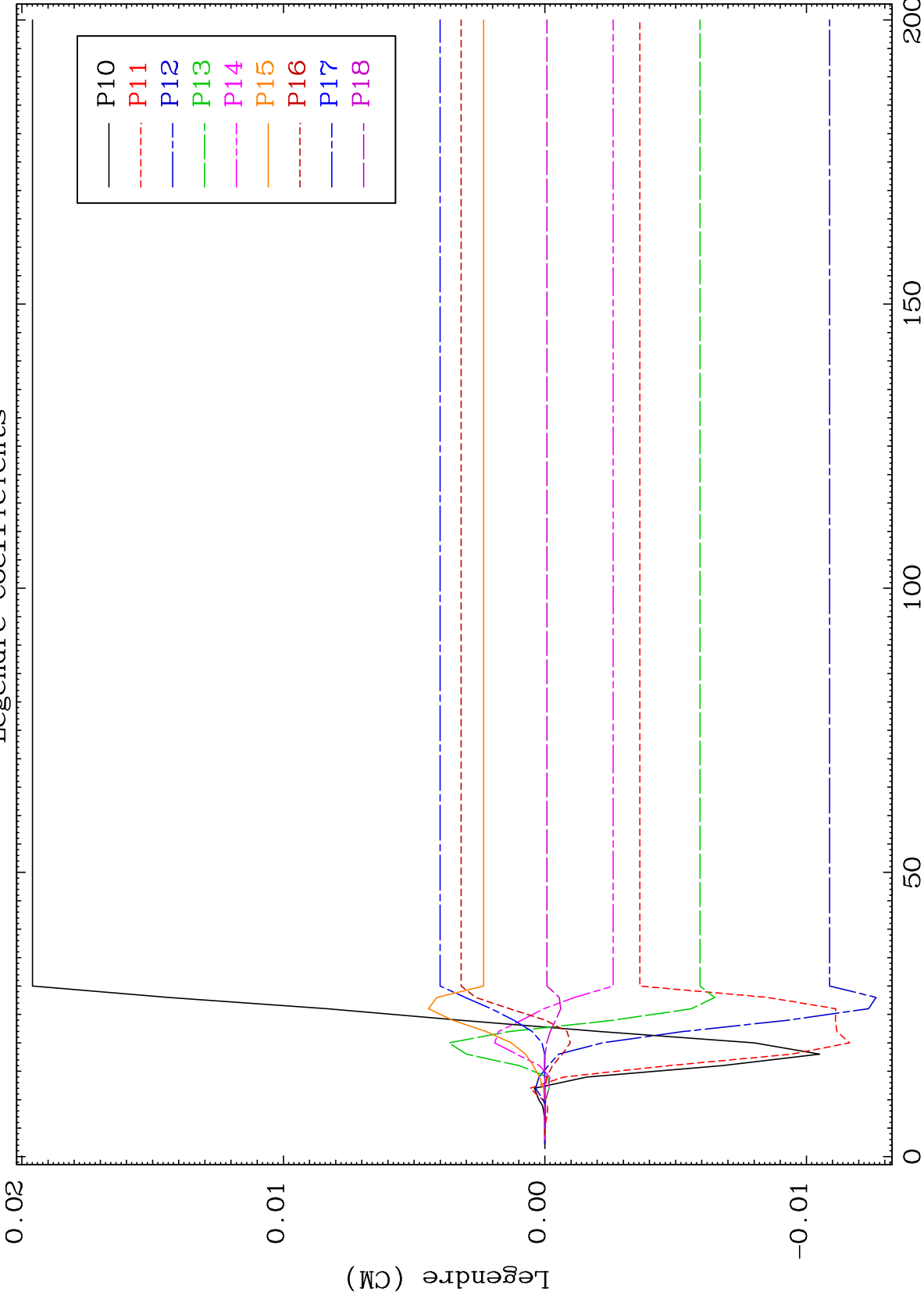
83

71-Lu-163

MAT 7089

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

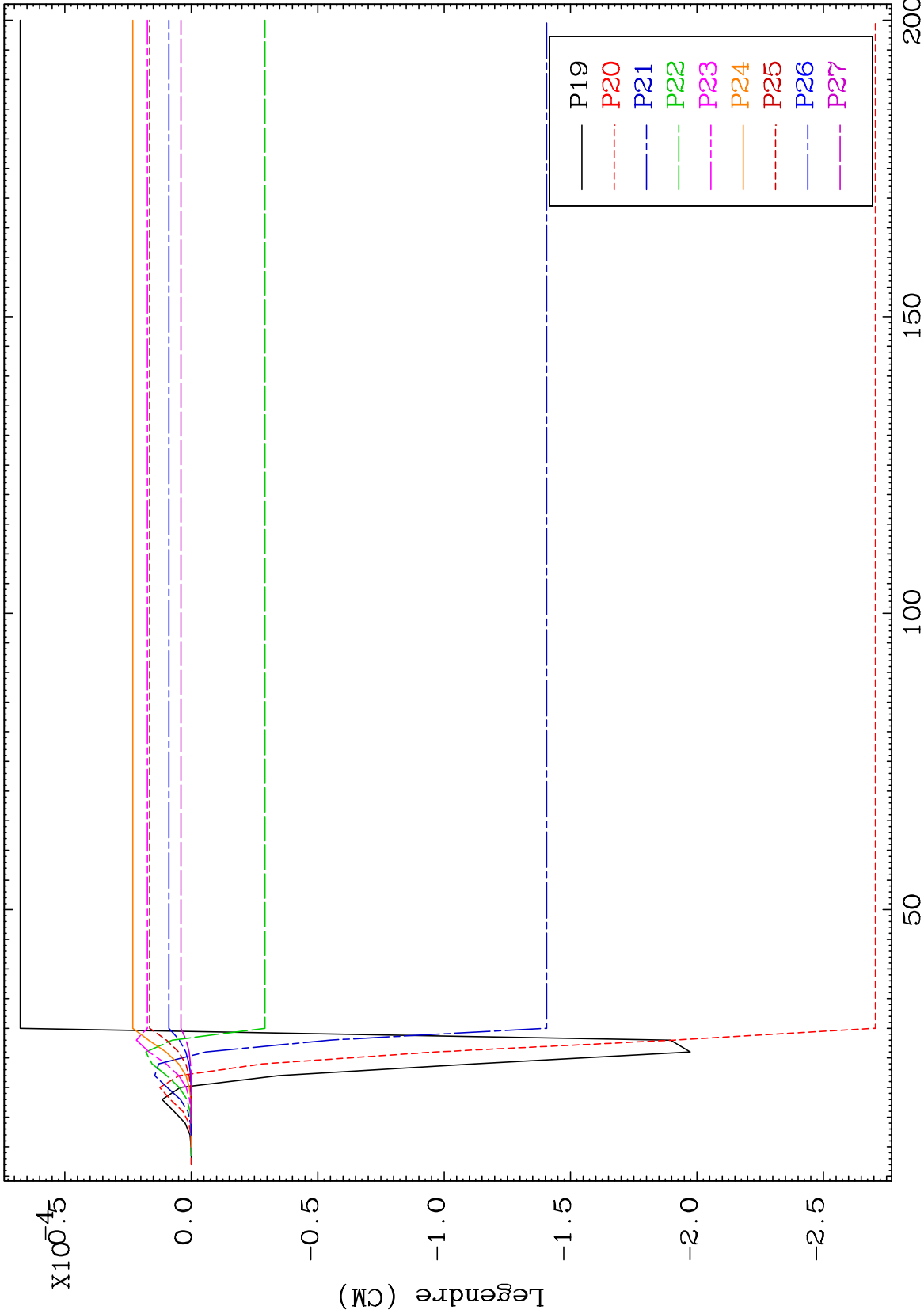
71-Lu-163



84

Incident Energy (MeV)

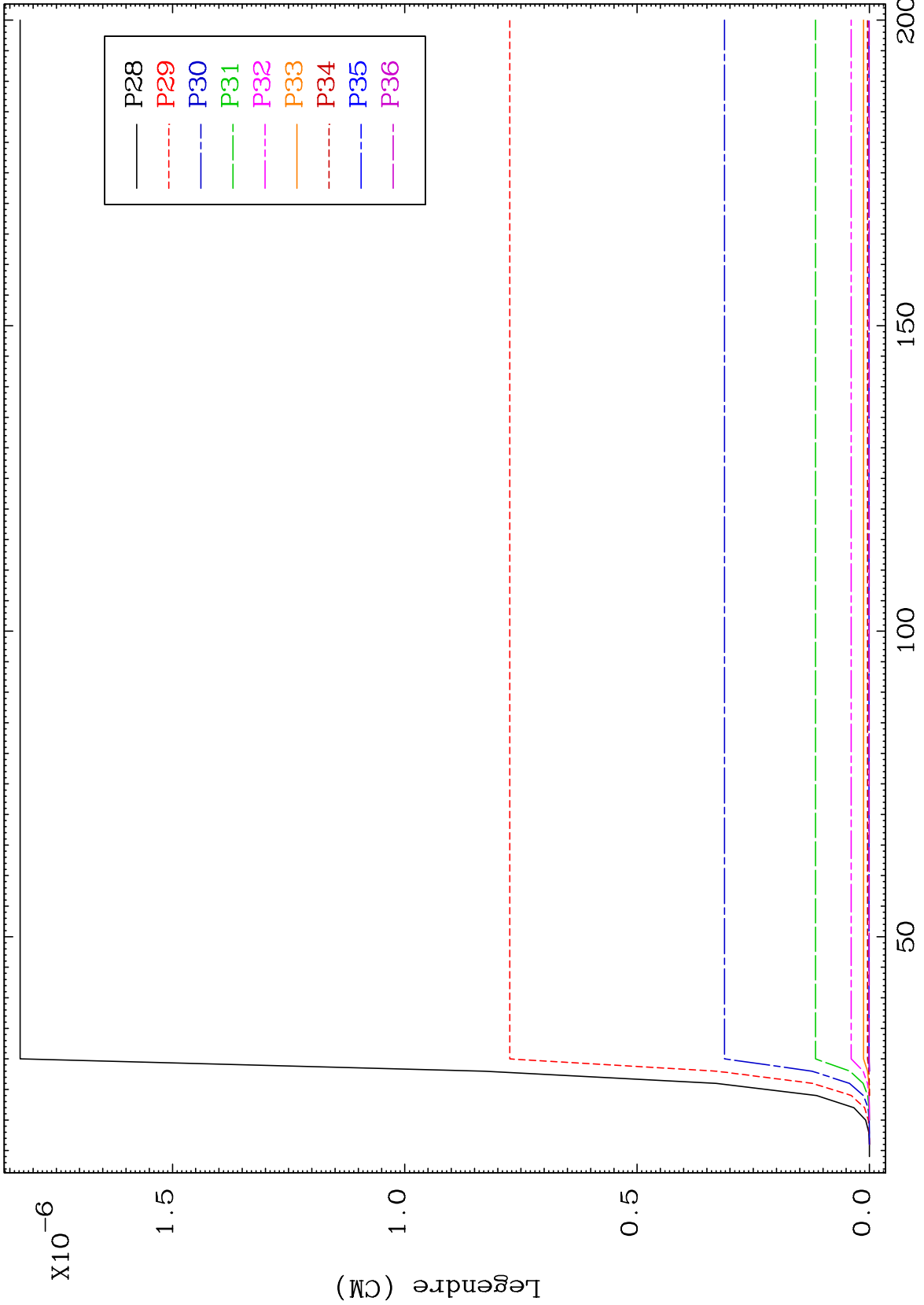
71-Lu-163



MAT 7089

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

71-Lu-163



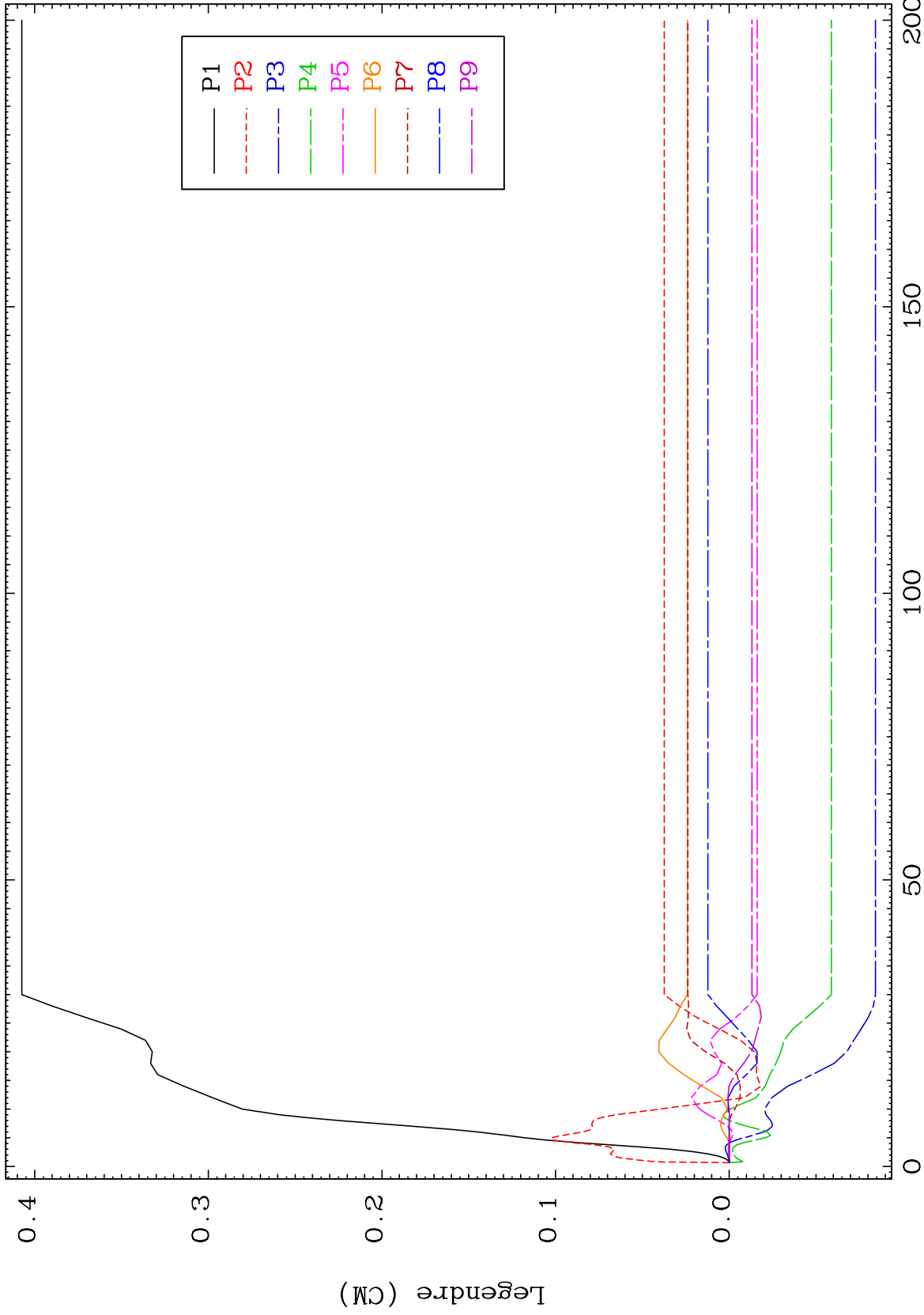
86

71-Lu-163

MAT 7089

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

71-Lu-163



87

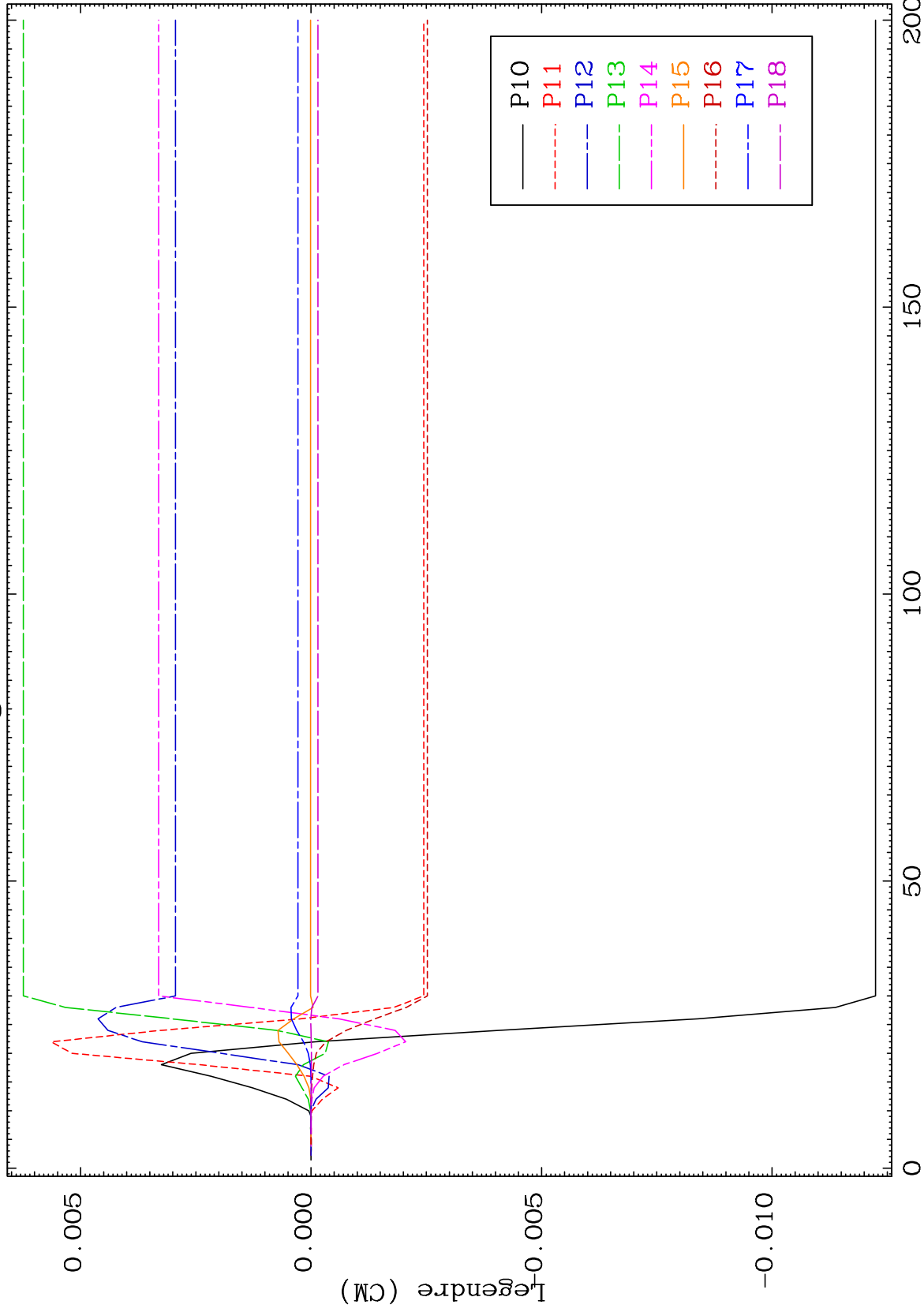
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

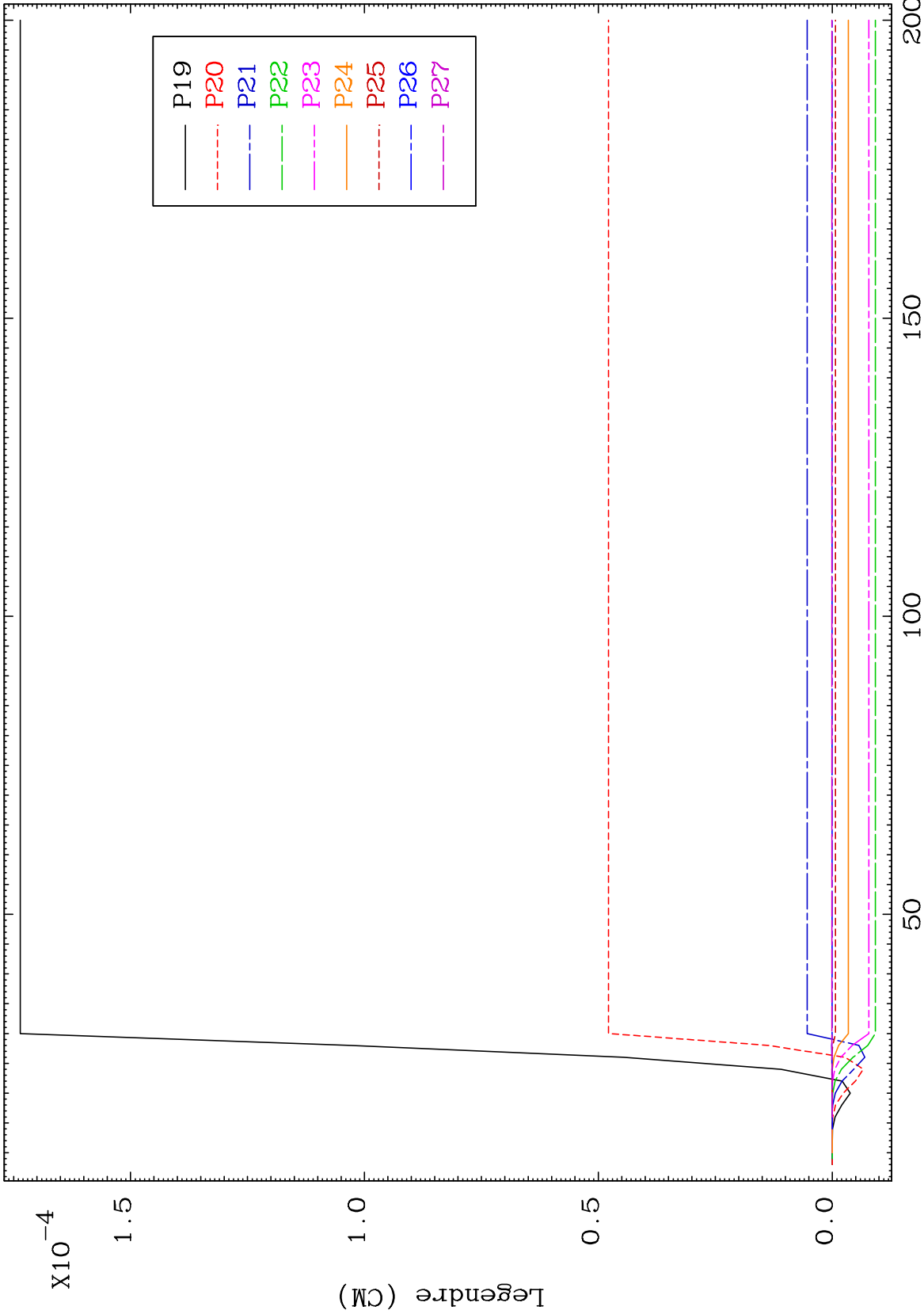
71-Lu-163



88

Incident Energy (MeV)

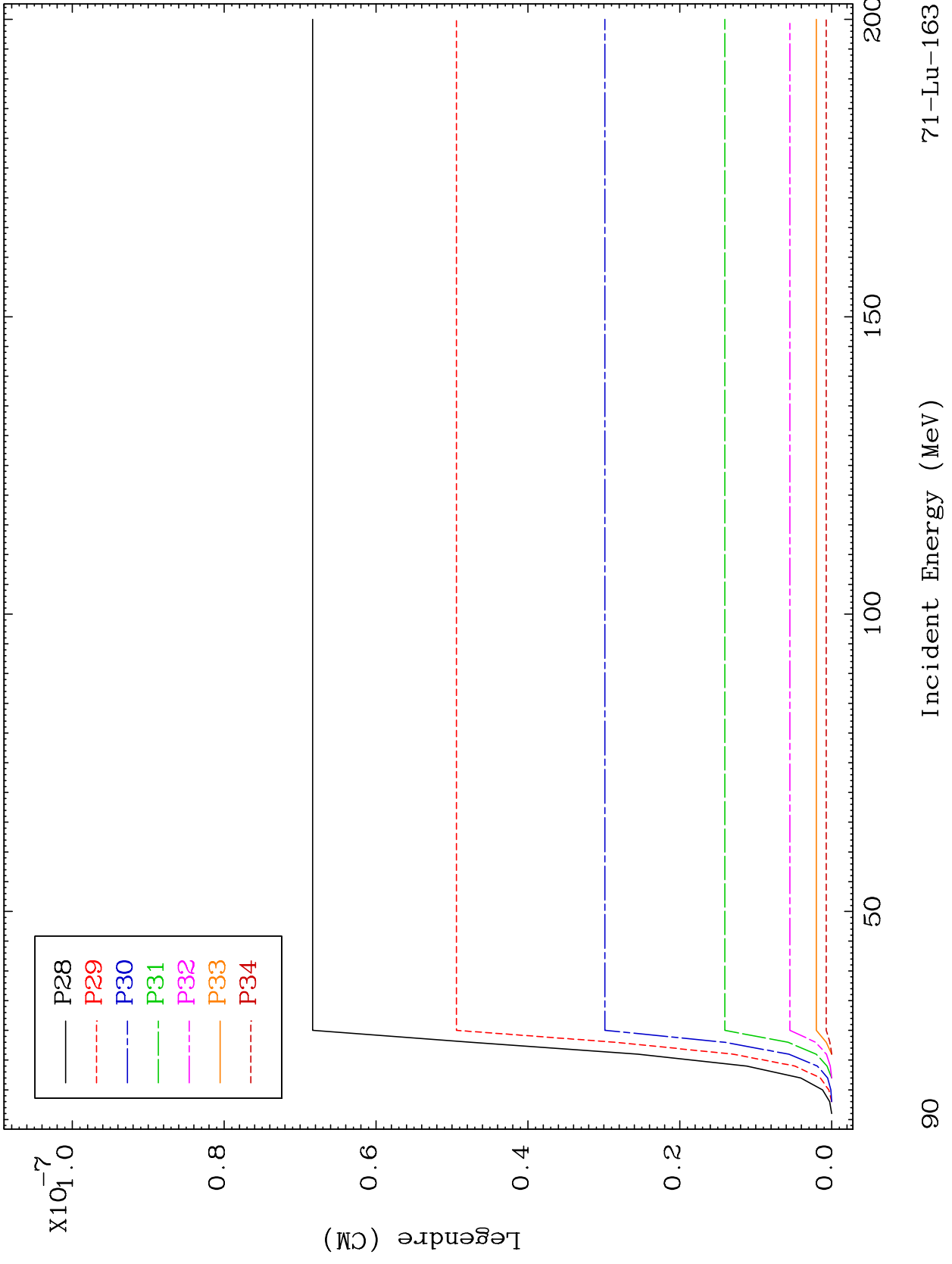
71-Lu-163



MAT 7089

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

71-Lu-163



90

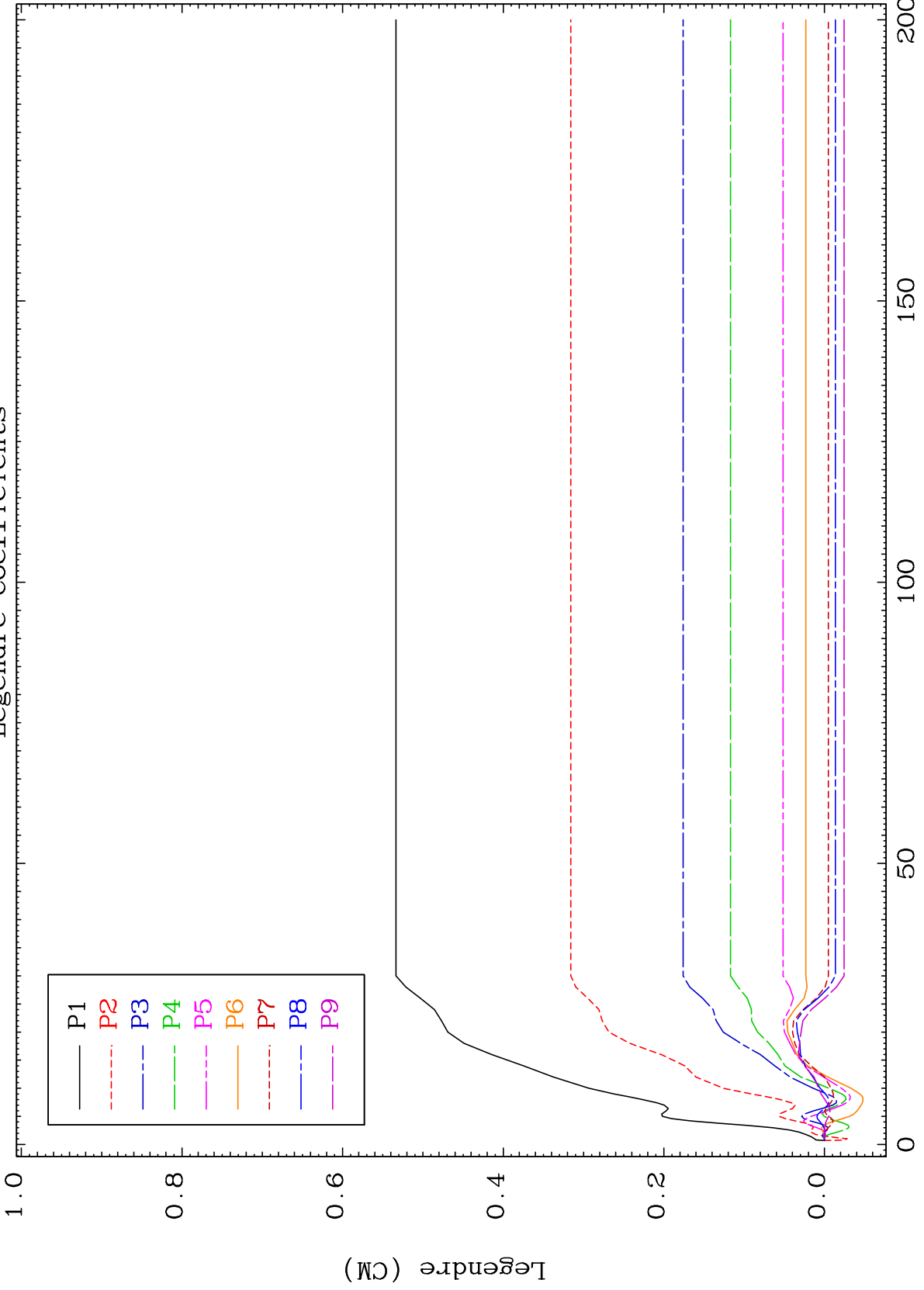
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



91

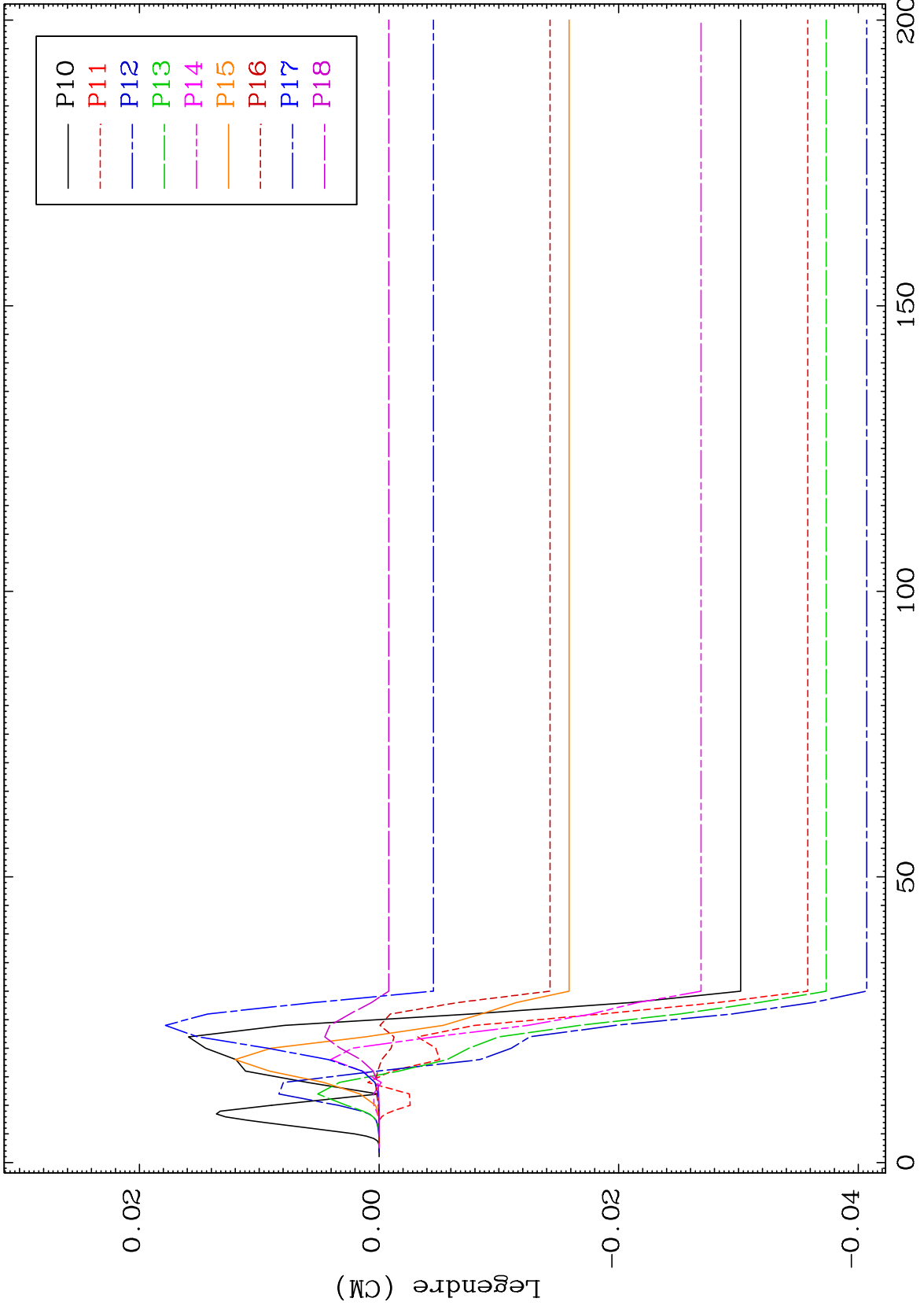
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

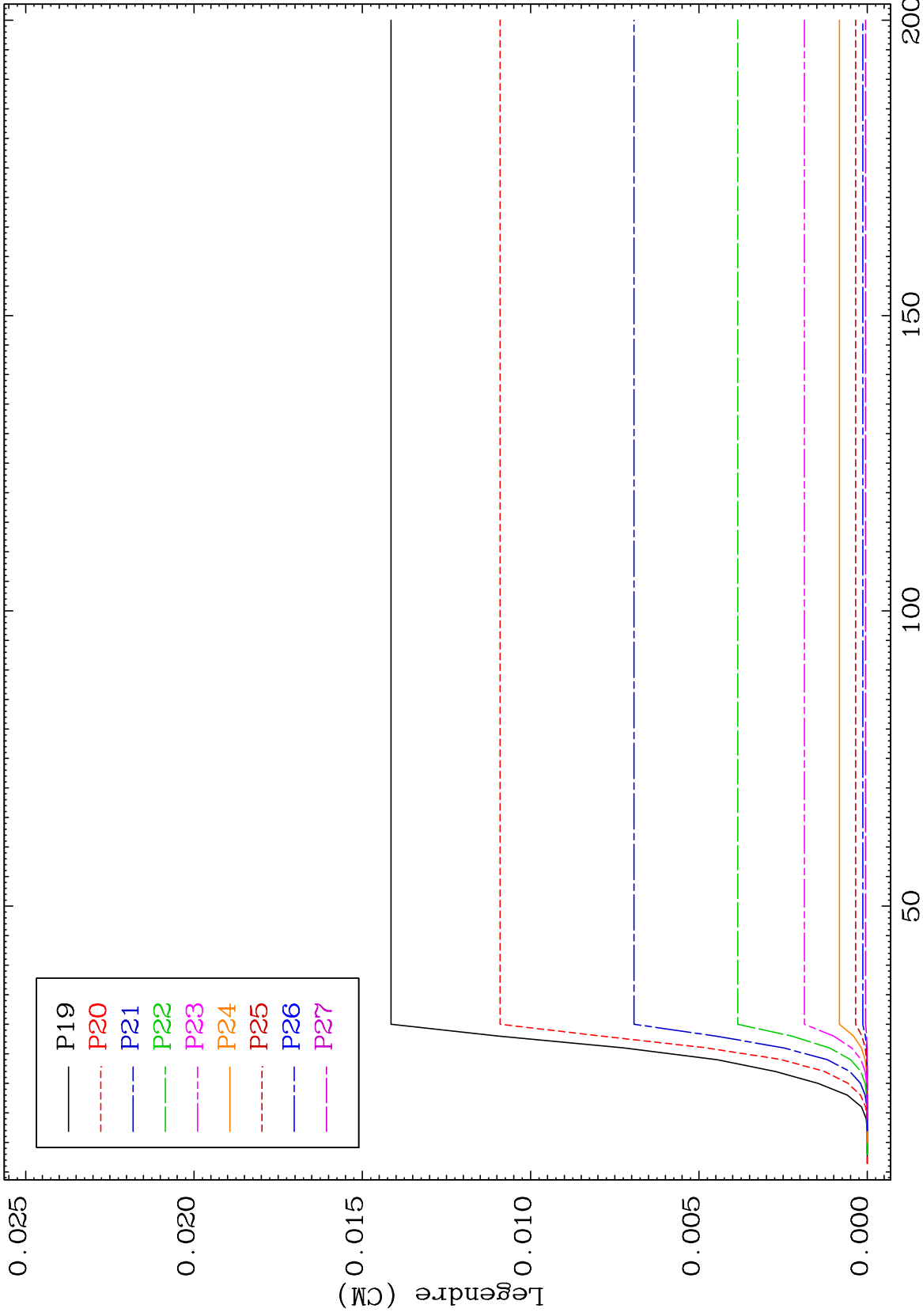
71-Lu-163



92

Incident Energy (MeV)

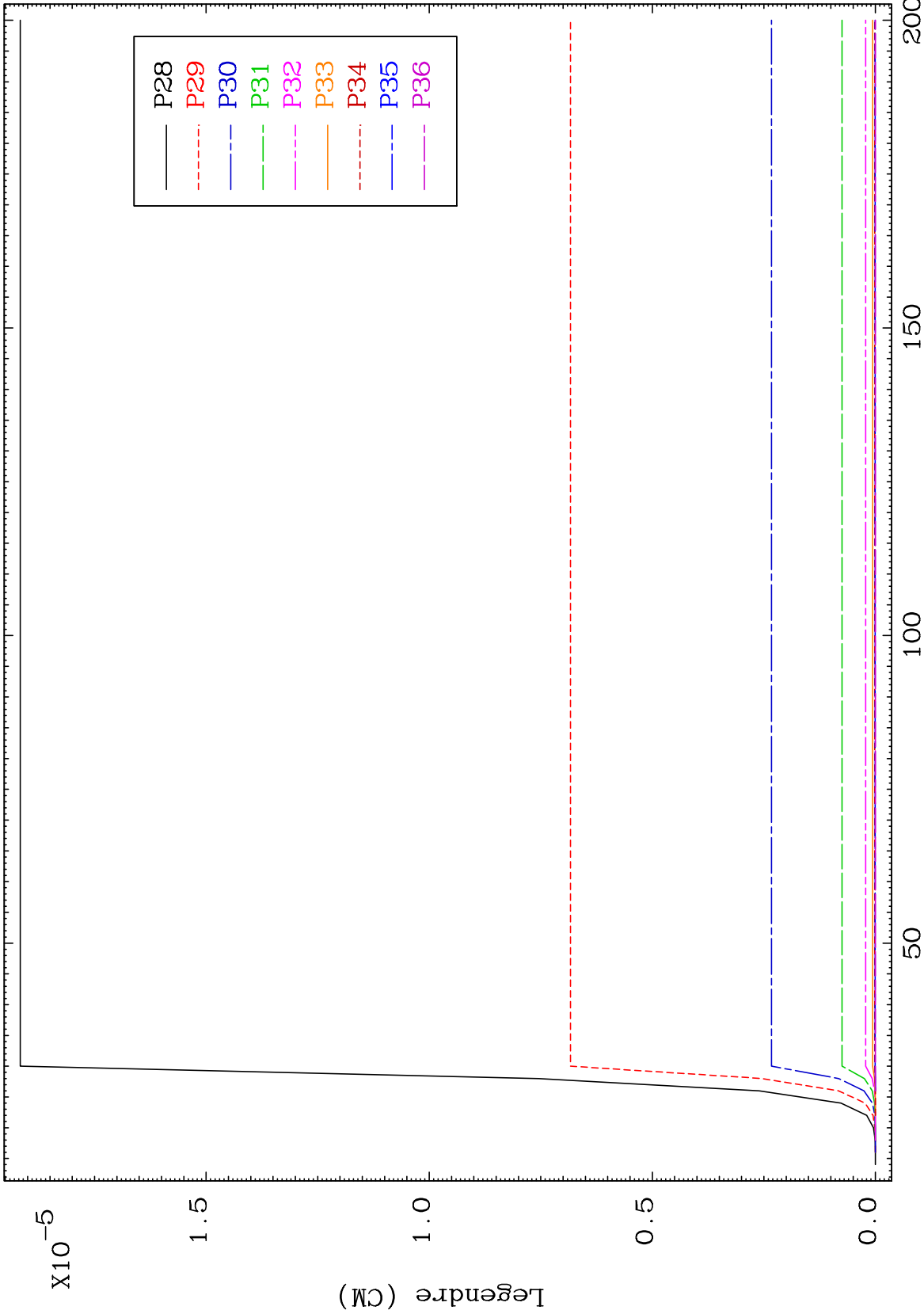
71-Lu-163



MAT 7089

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

71-Lu-163



94

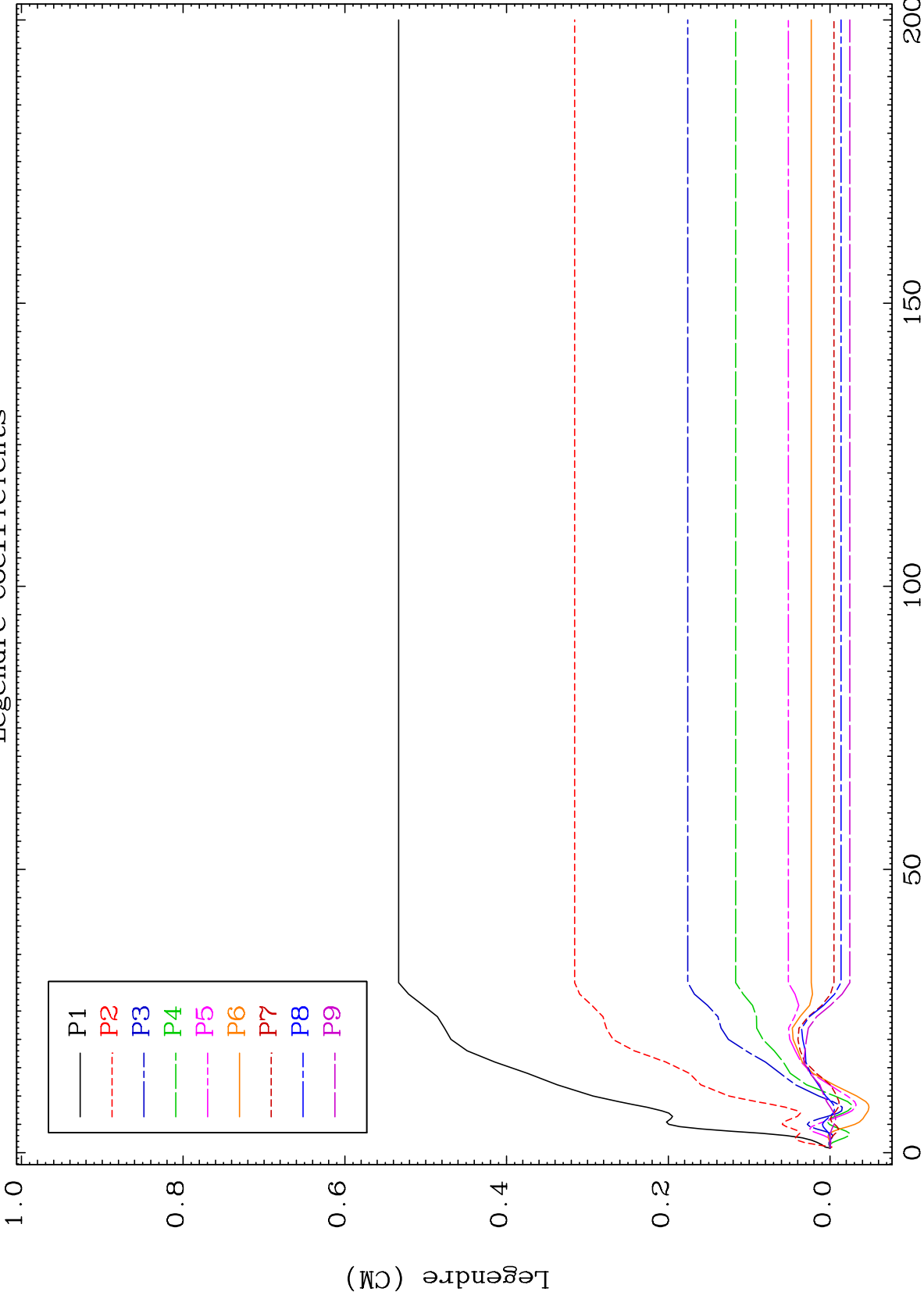
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



95

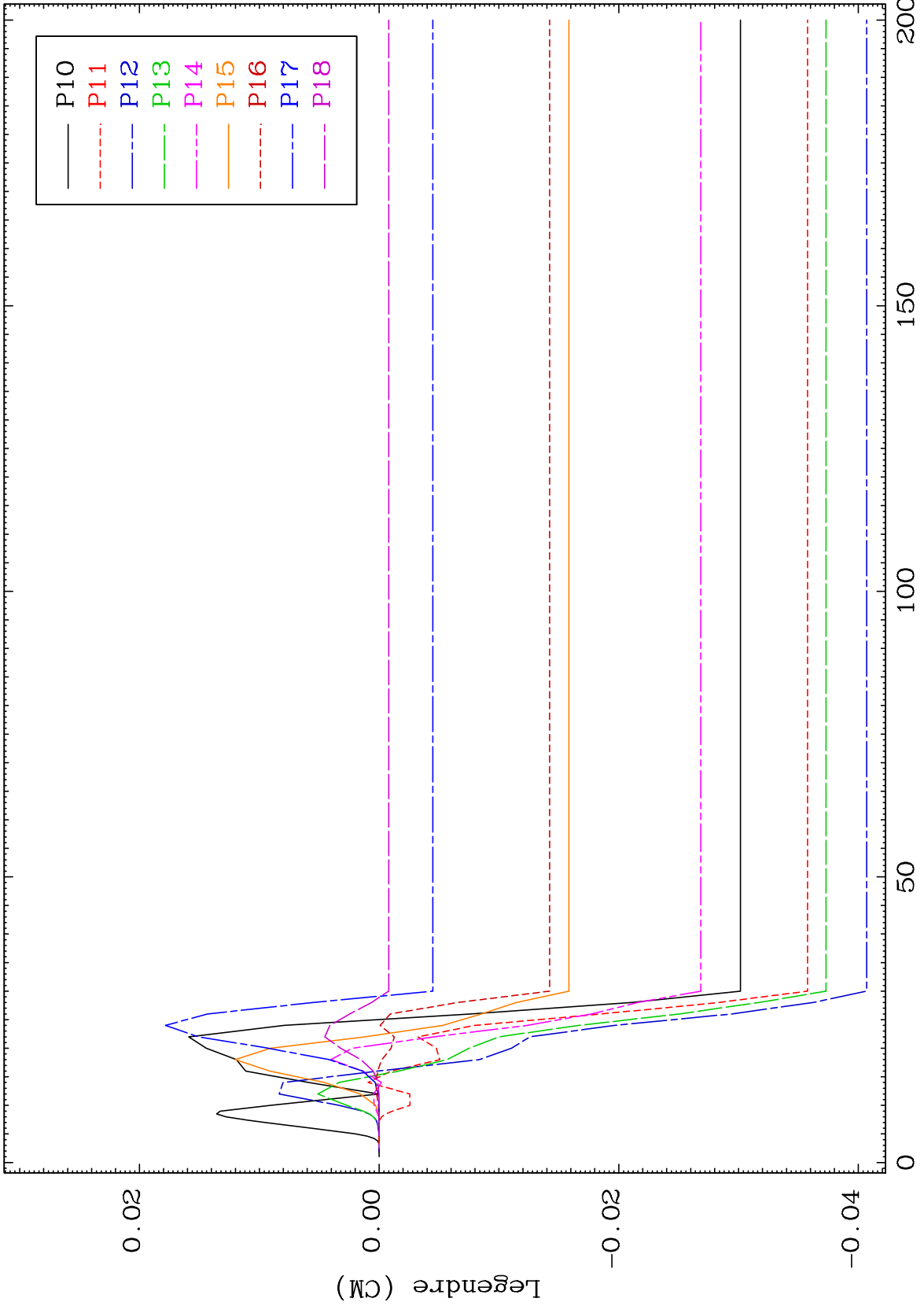
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



96

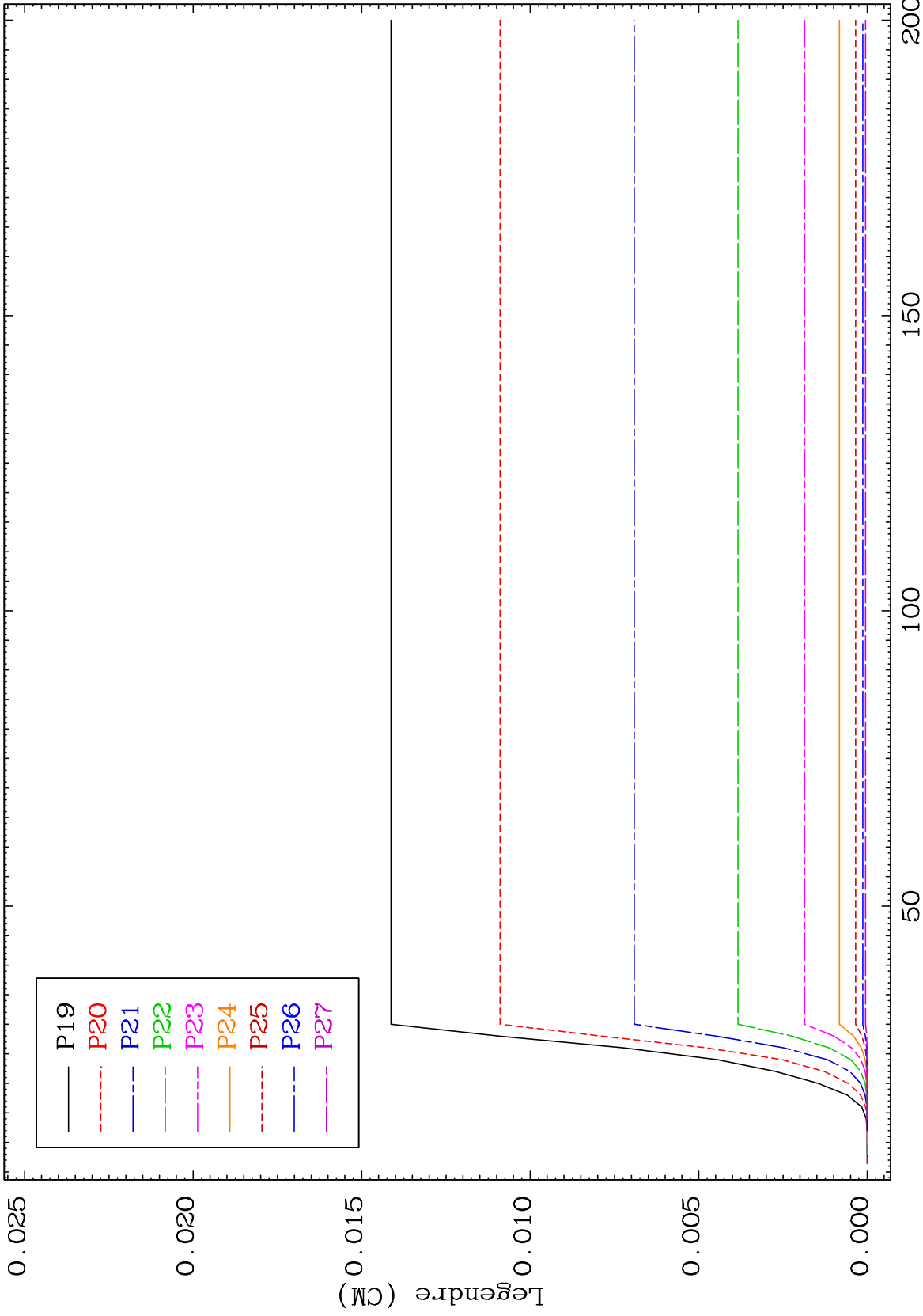
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



97

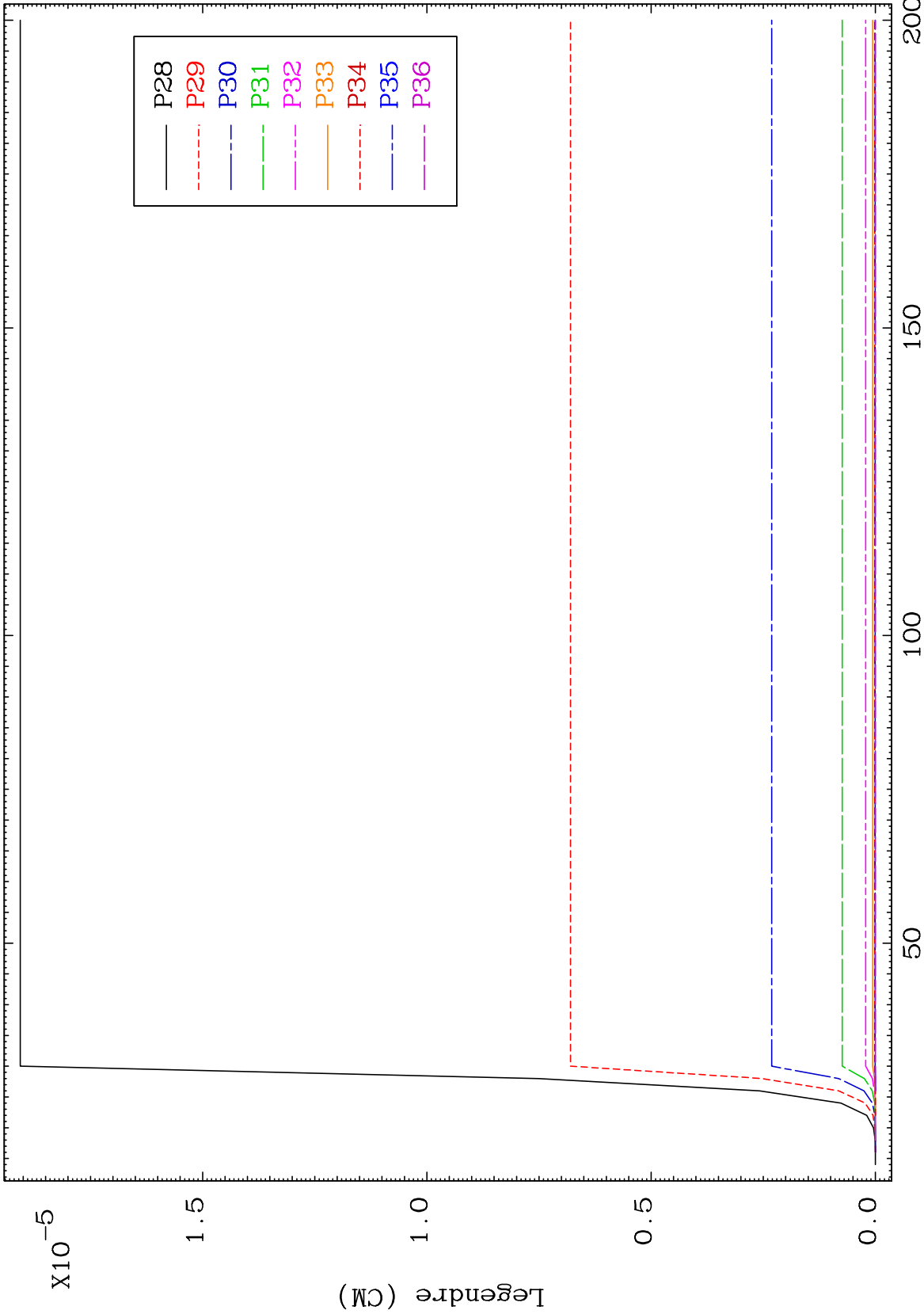
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



98

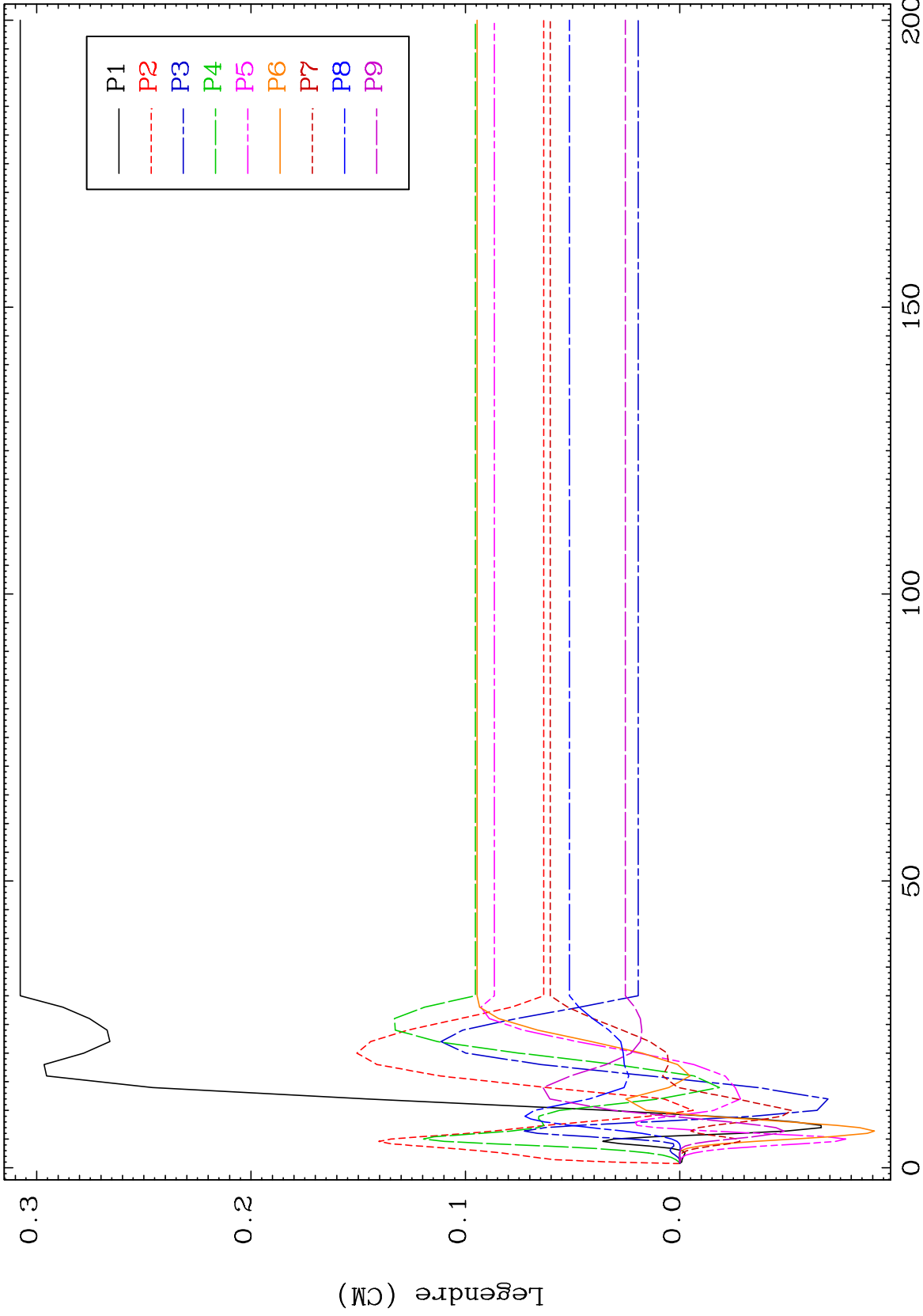
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



99

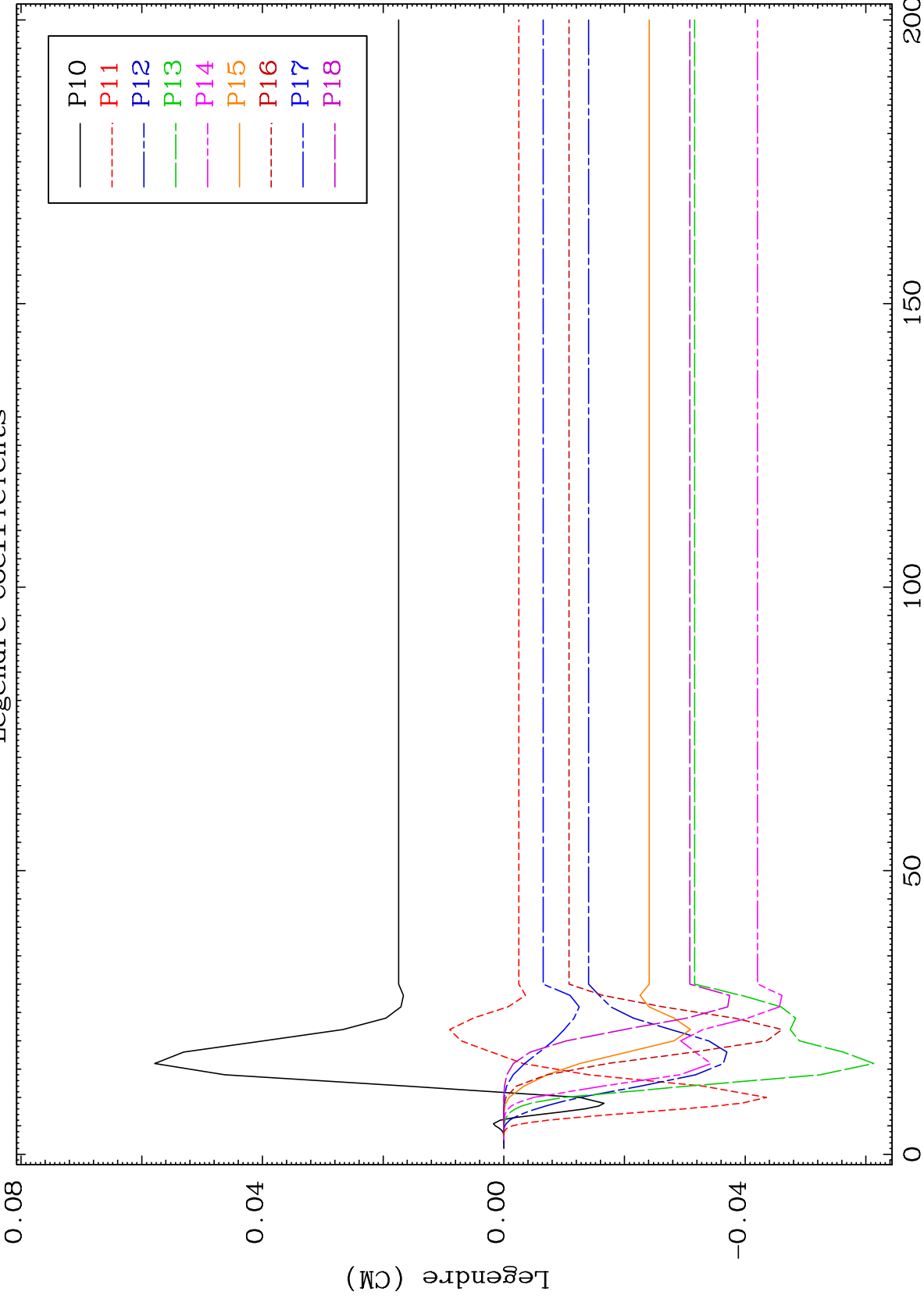
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



71-Lu-163

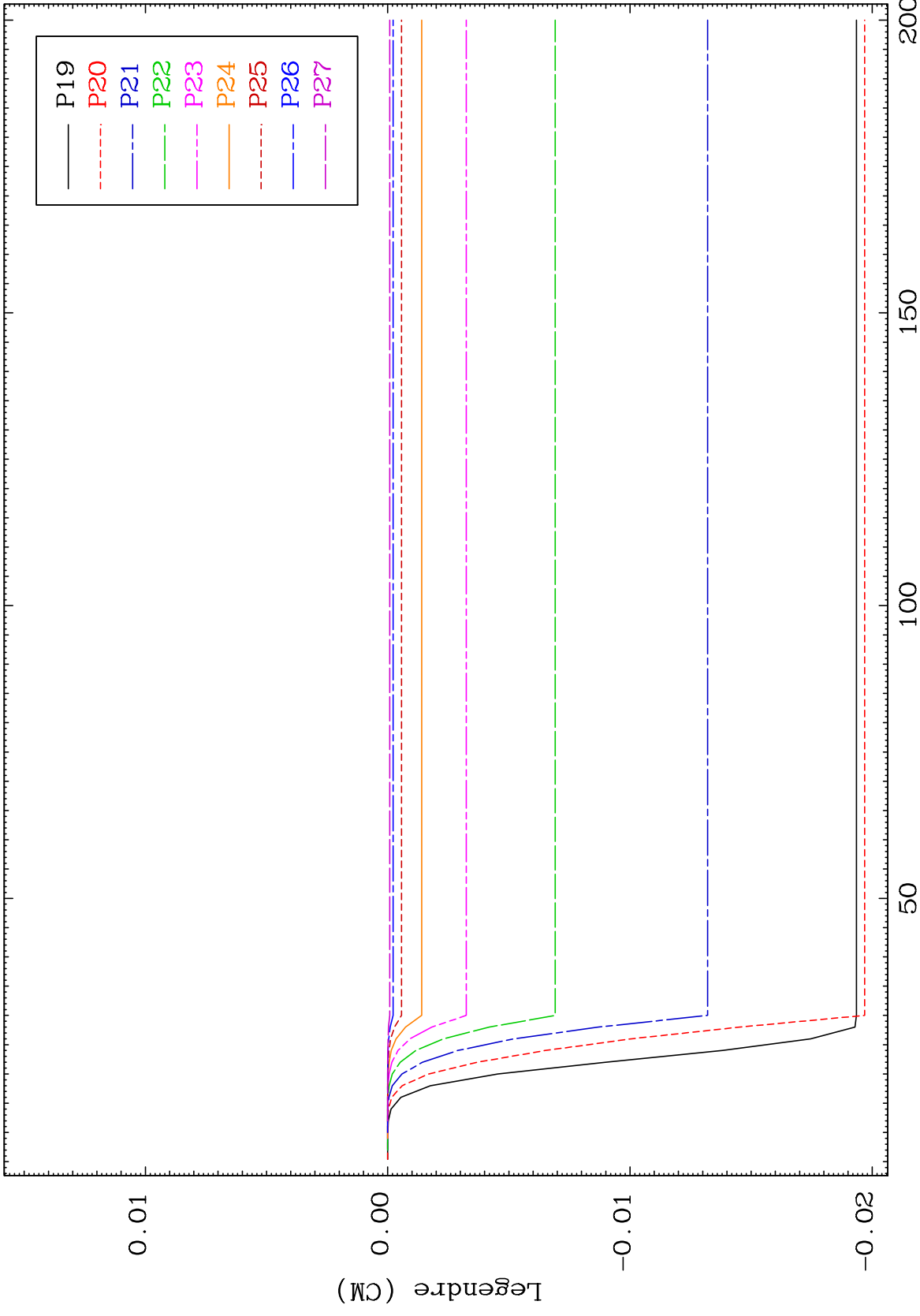
Incident Energy (MeV)

100

MAT 7089

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

71-Lu-163

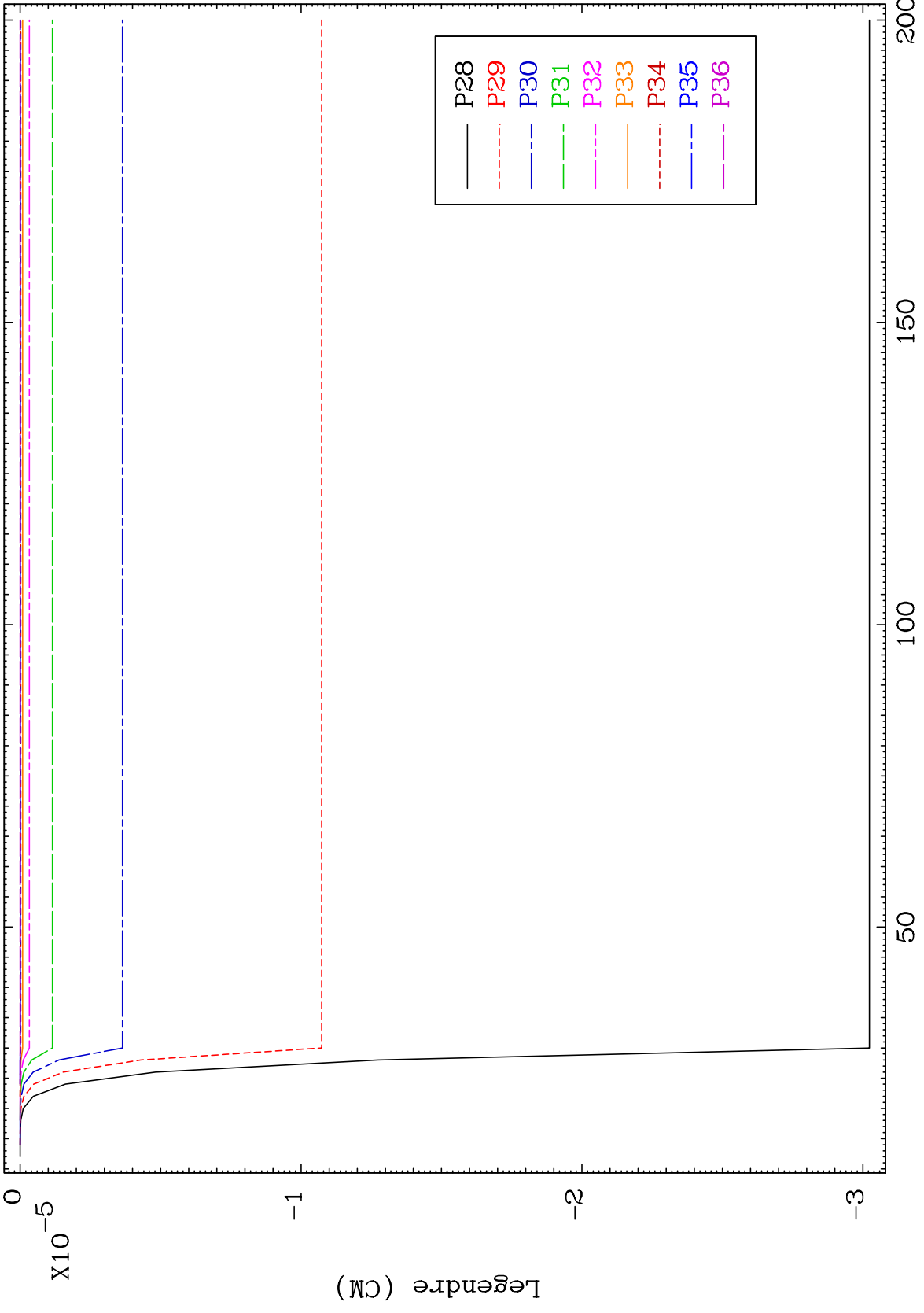


101

Incident Energy (MeV)

71-Lu-163

MAT 7089 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-163

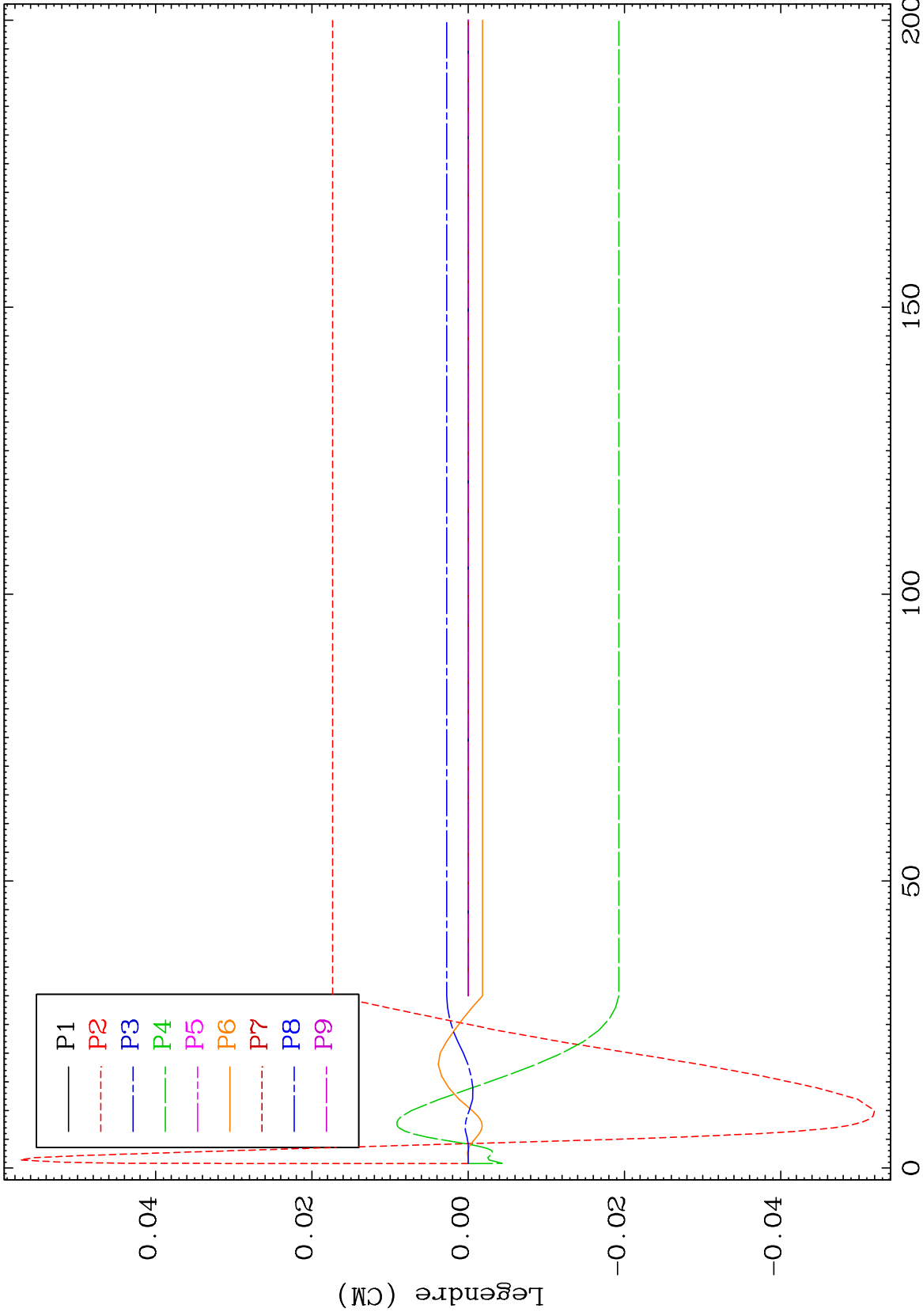


102 Incident Energy (MeV) 71-Lu-163

MAT 7089

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

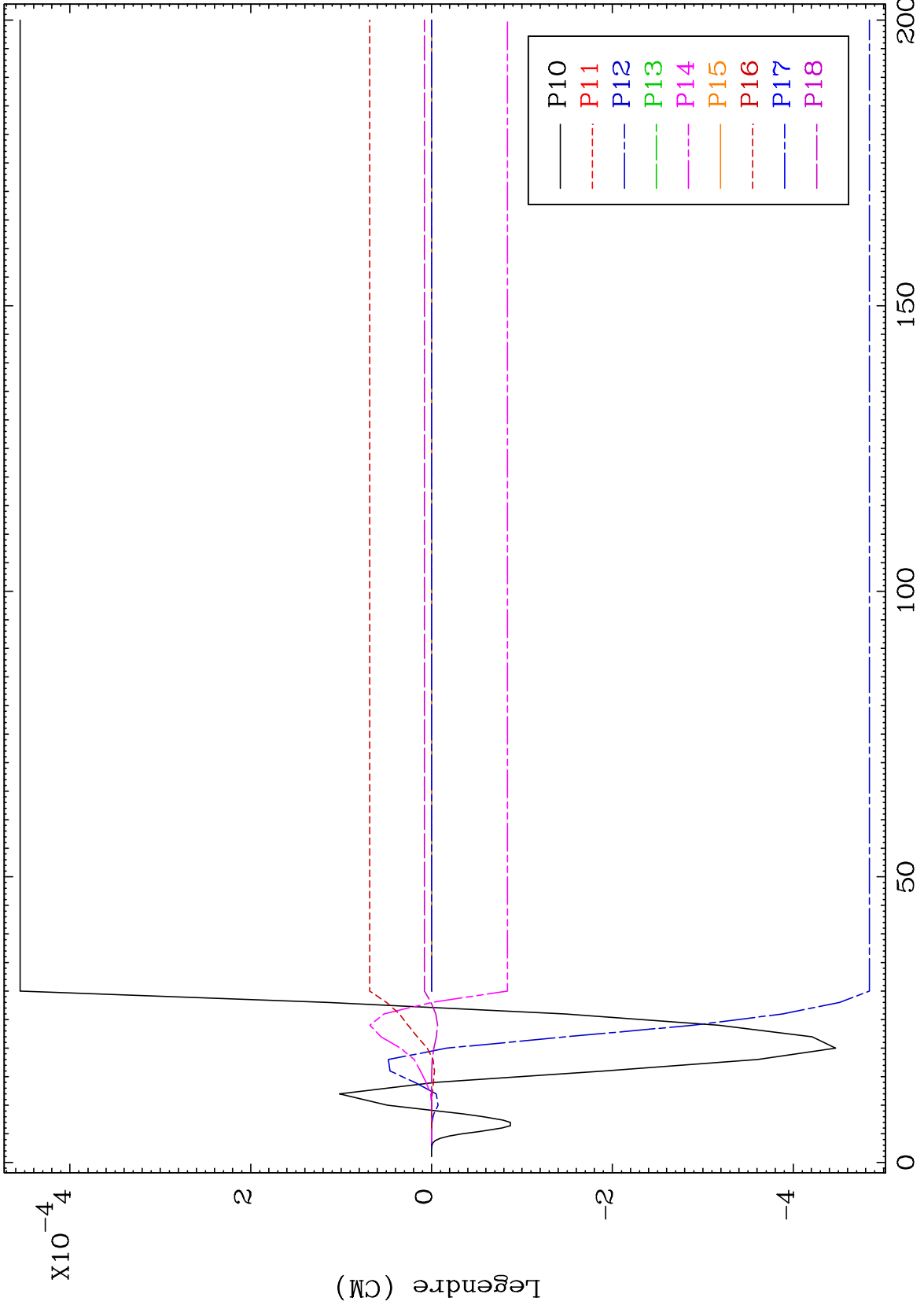
71-Lu-163



103

Incident Energy (MeV)

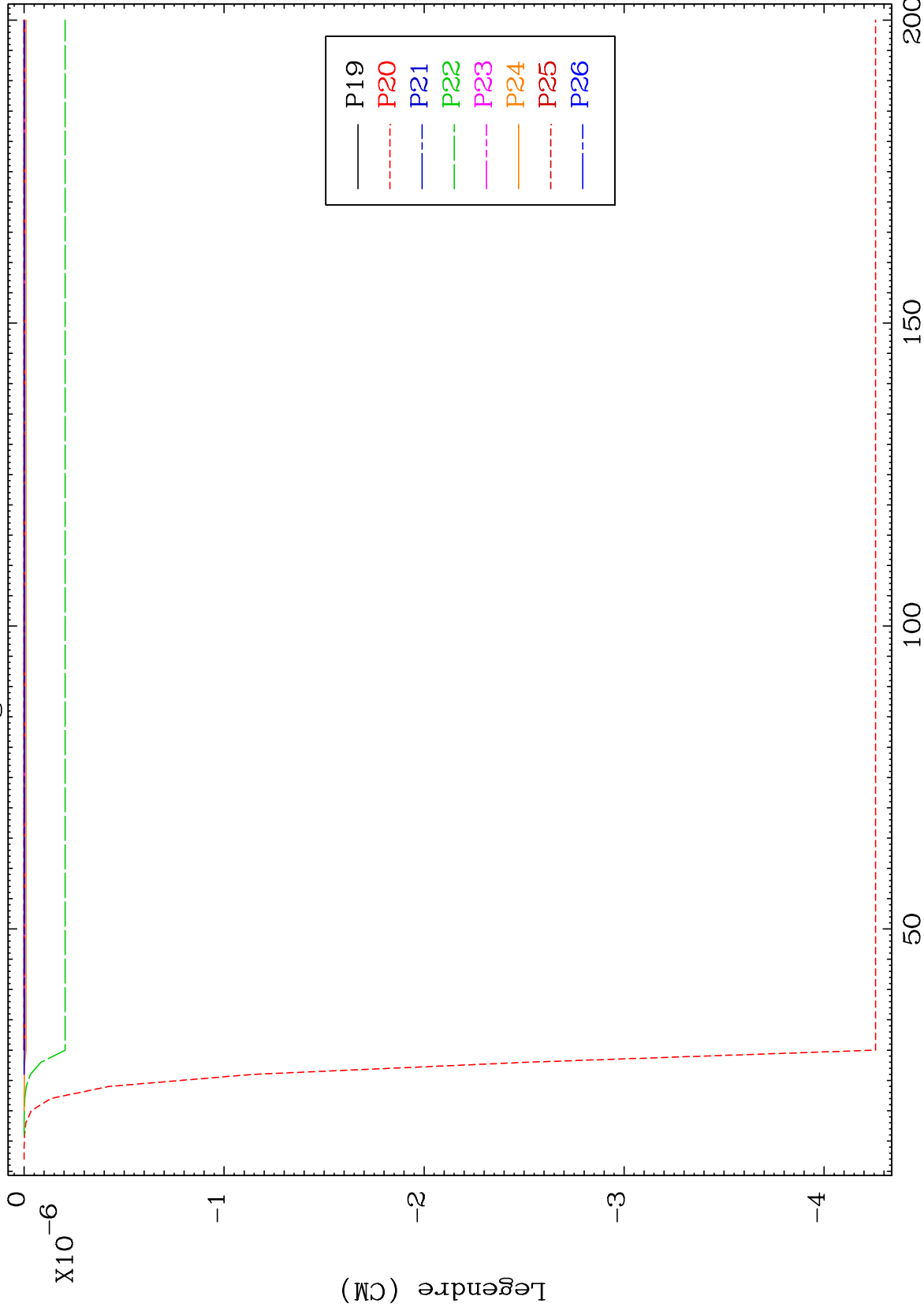
71-Lu-163



MAT 7089

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

71-Lu-163



105

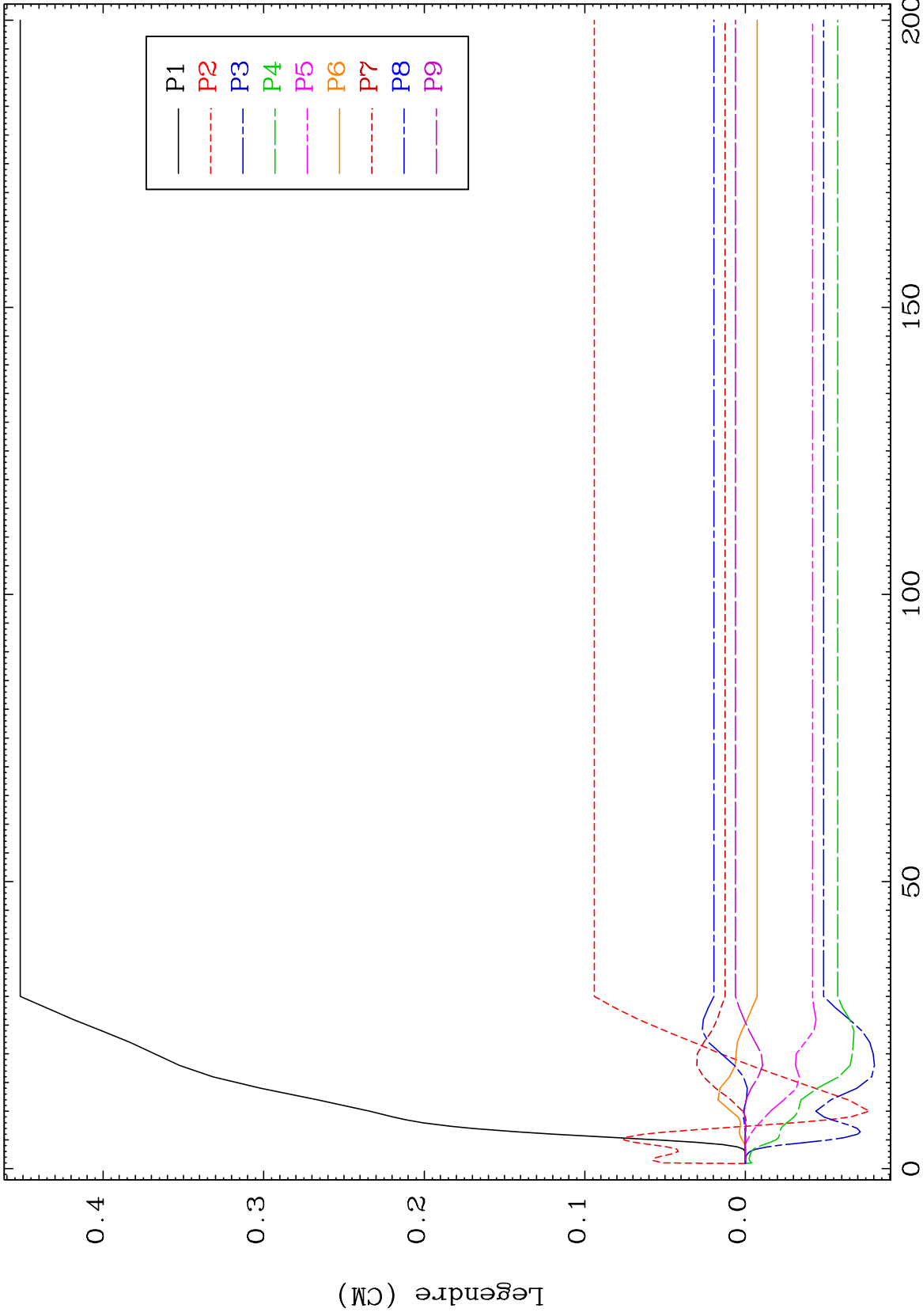
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



106

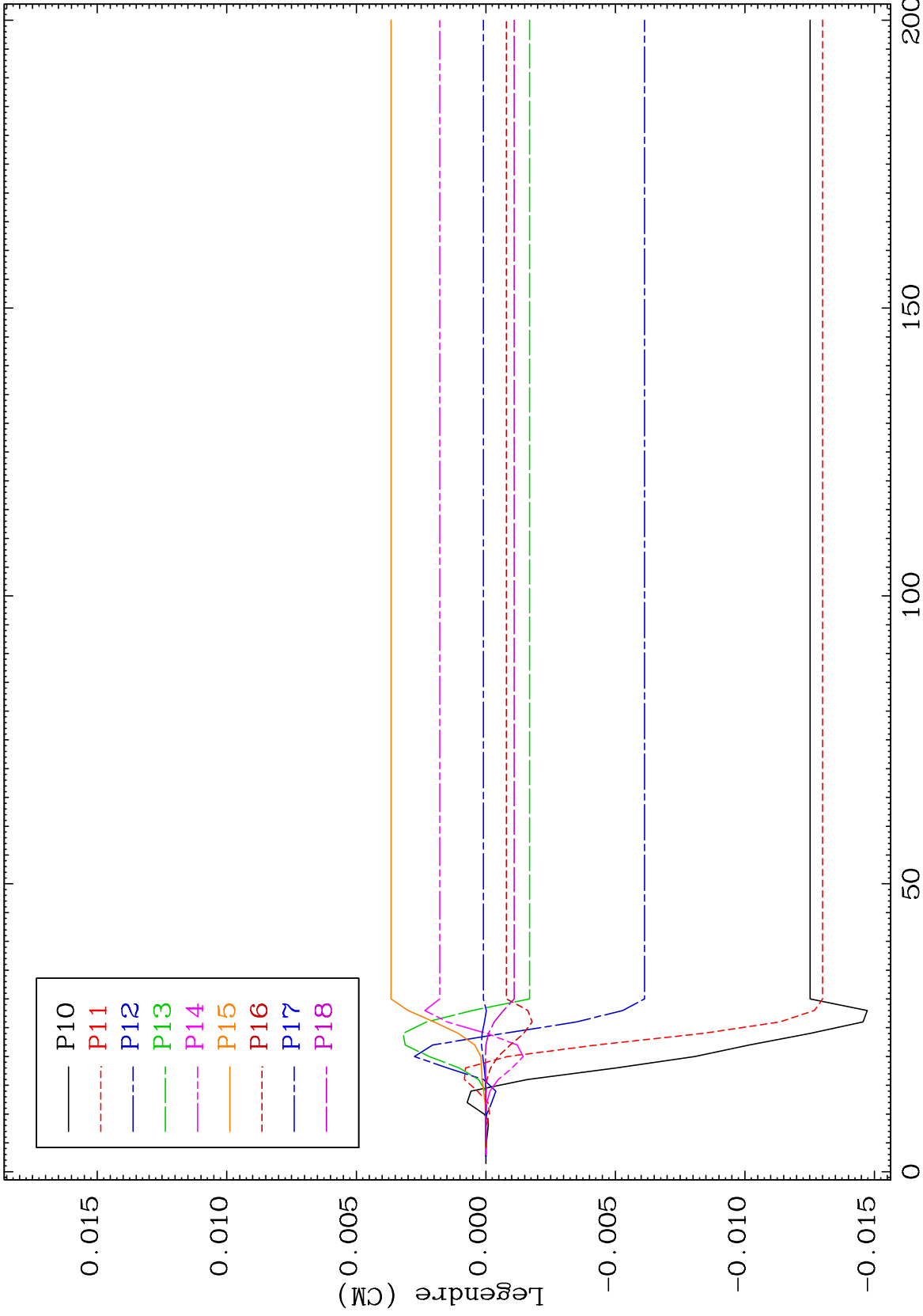
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163

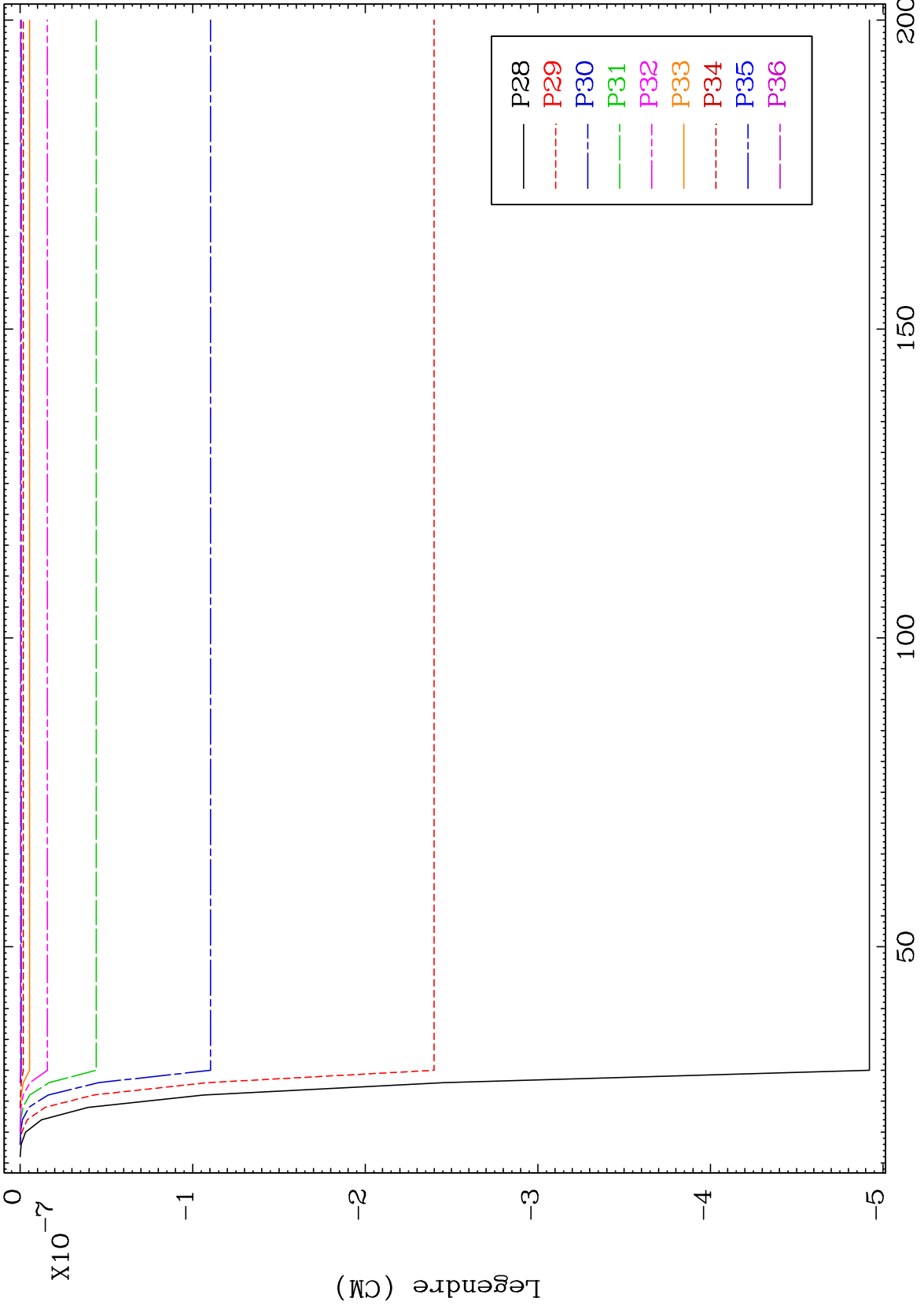


107

Incident Energy (MeV)

71-Lu-163

MAT 7089 MT= 73 (n,n') Level Legendre Coefficients 71-Lu-163

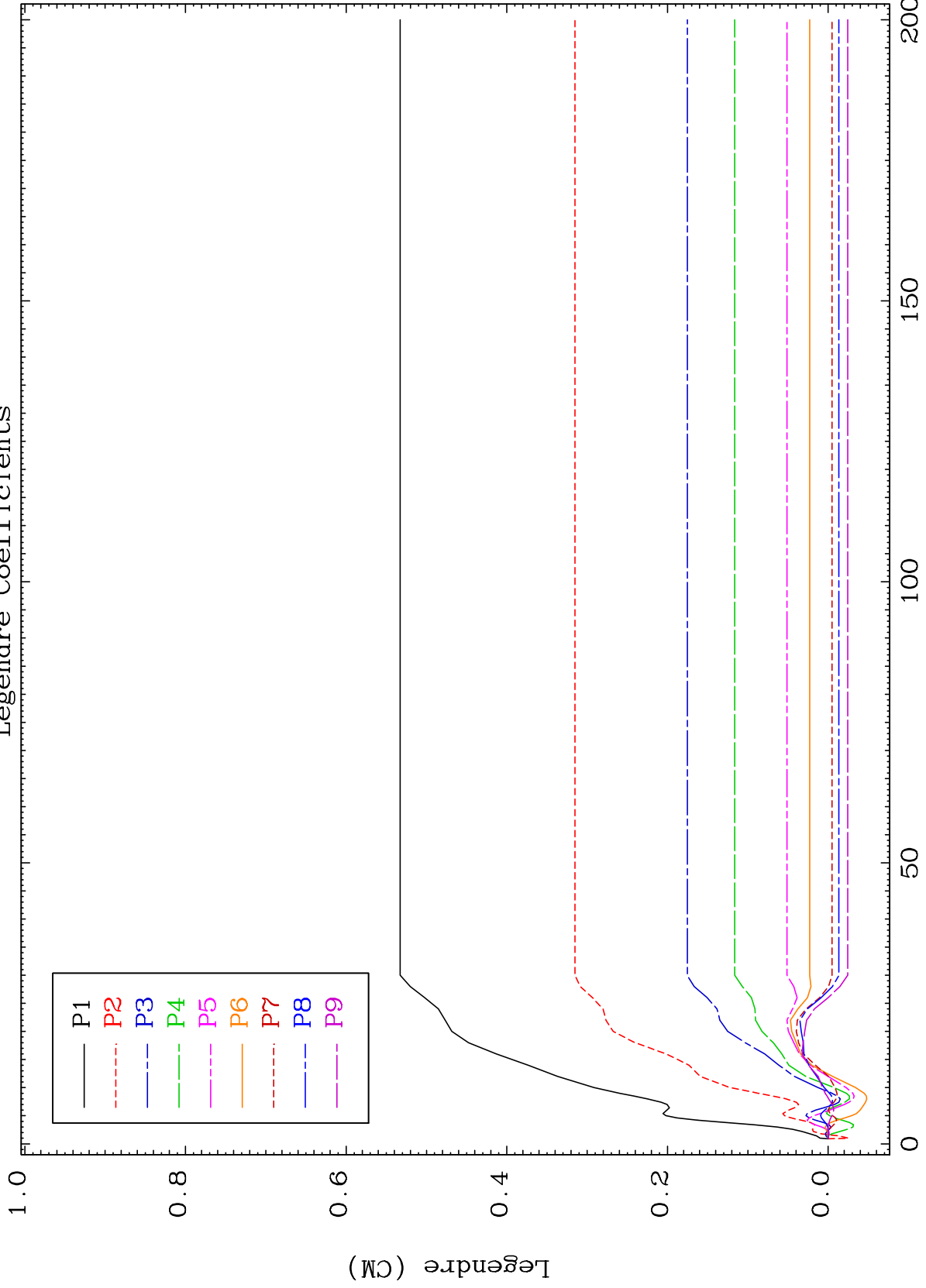


109 71-Lu-163 Incident Energy (MeV)

MAT 7089

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

71-Lu-163



71-Lu-163

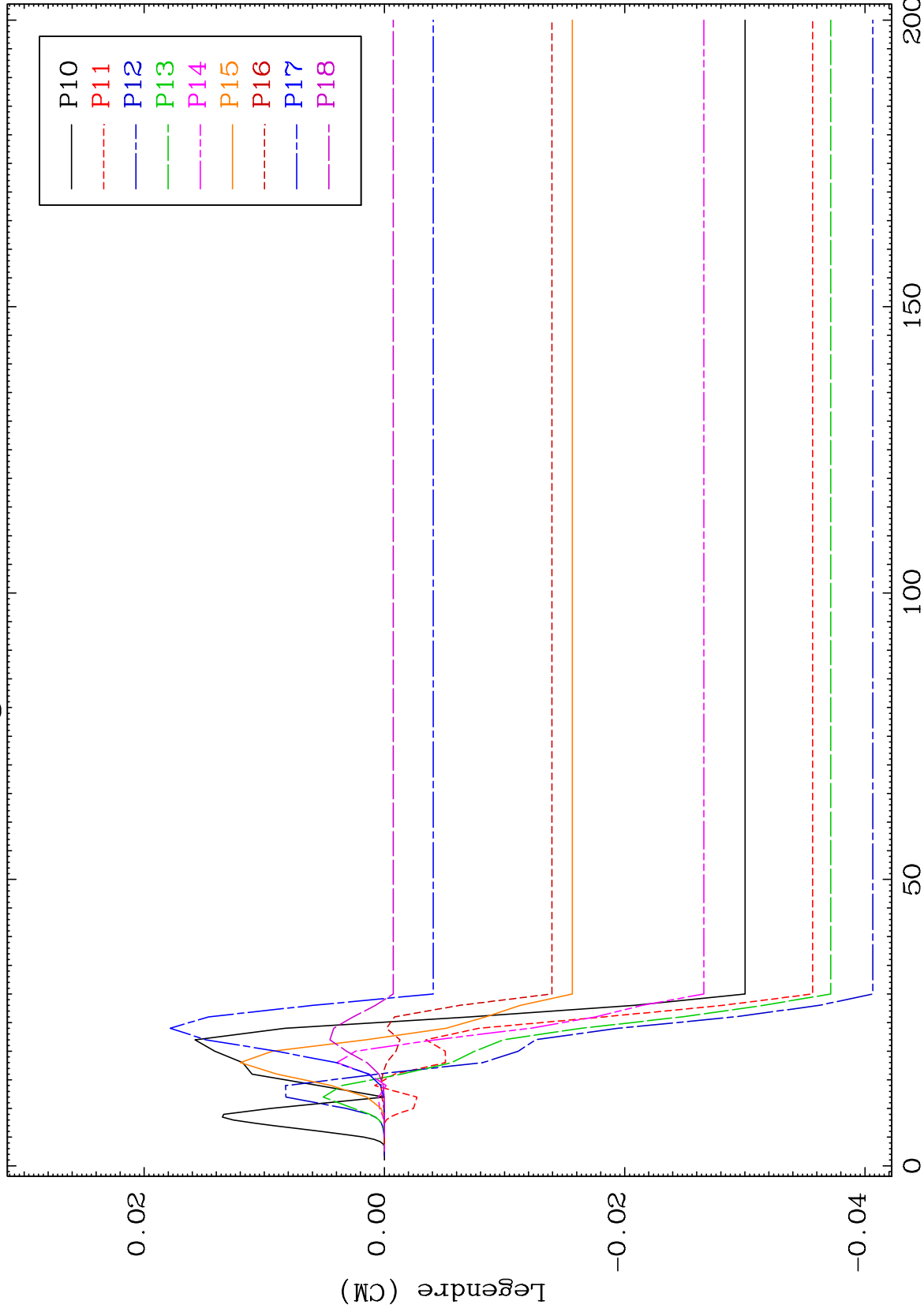
Incident Energy (MeV)

110

MAT 7089

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

71-Lu-163



111

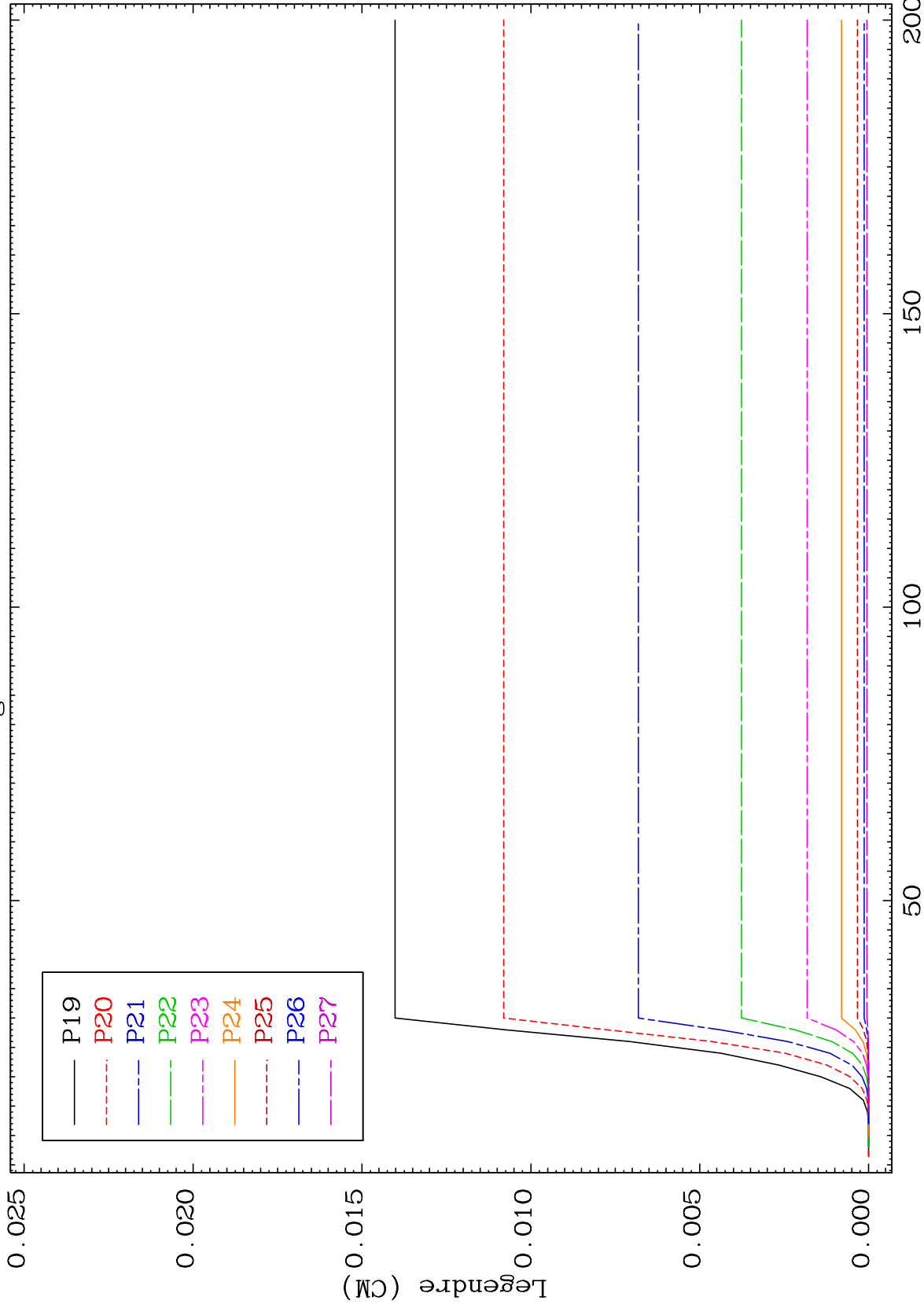
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



112

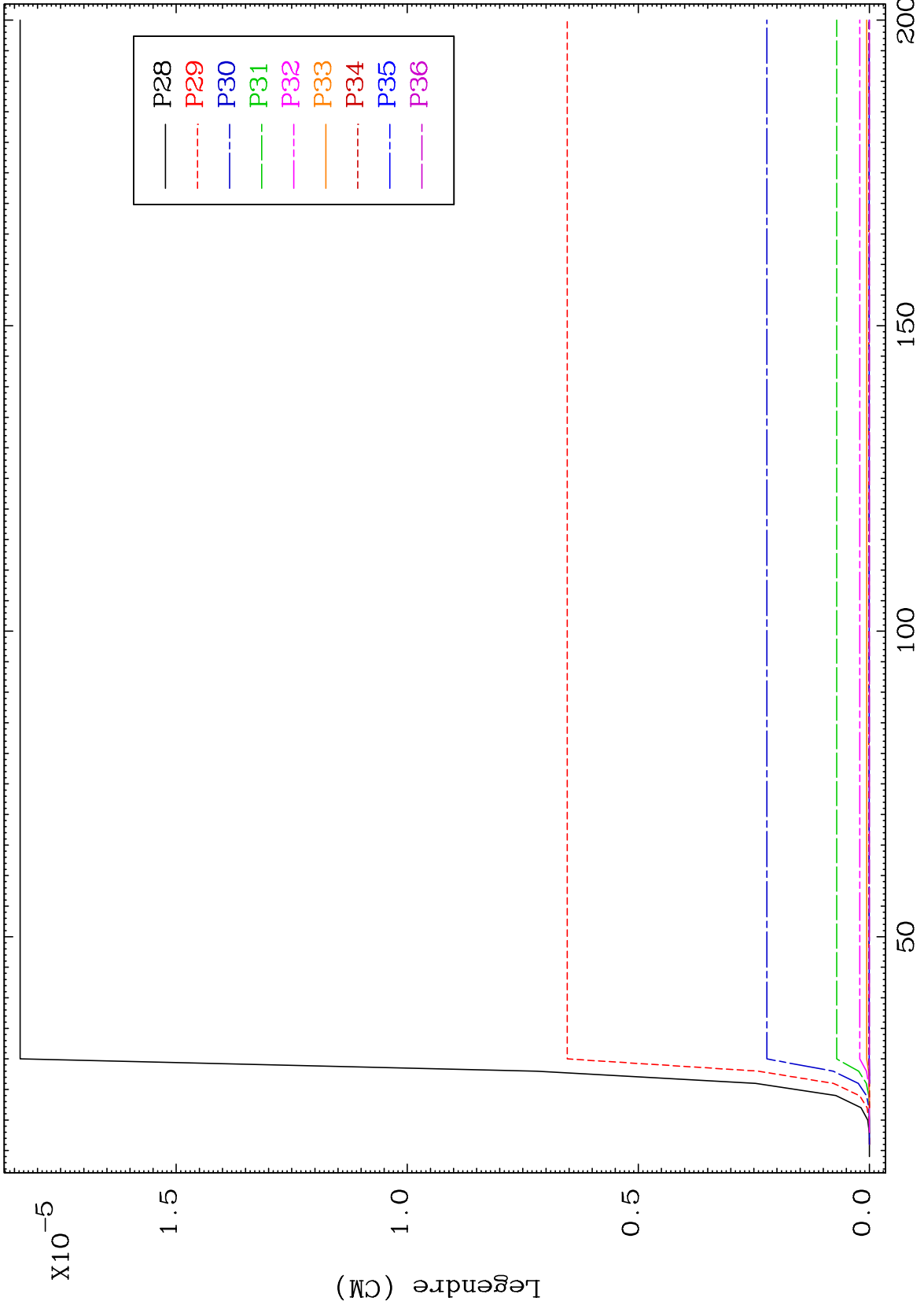
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

71-Lu-163



113

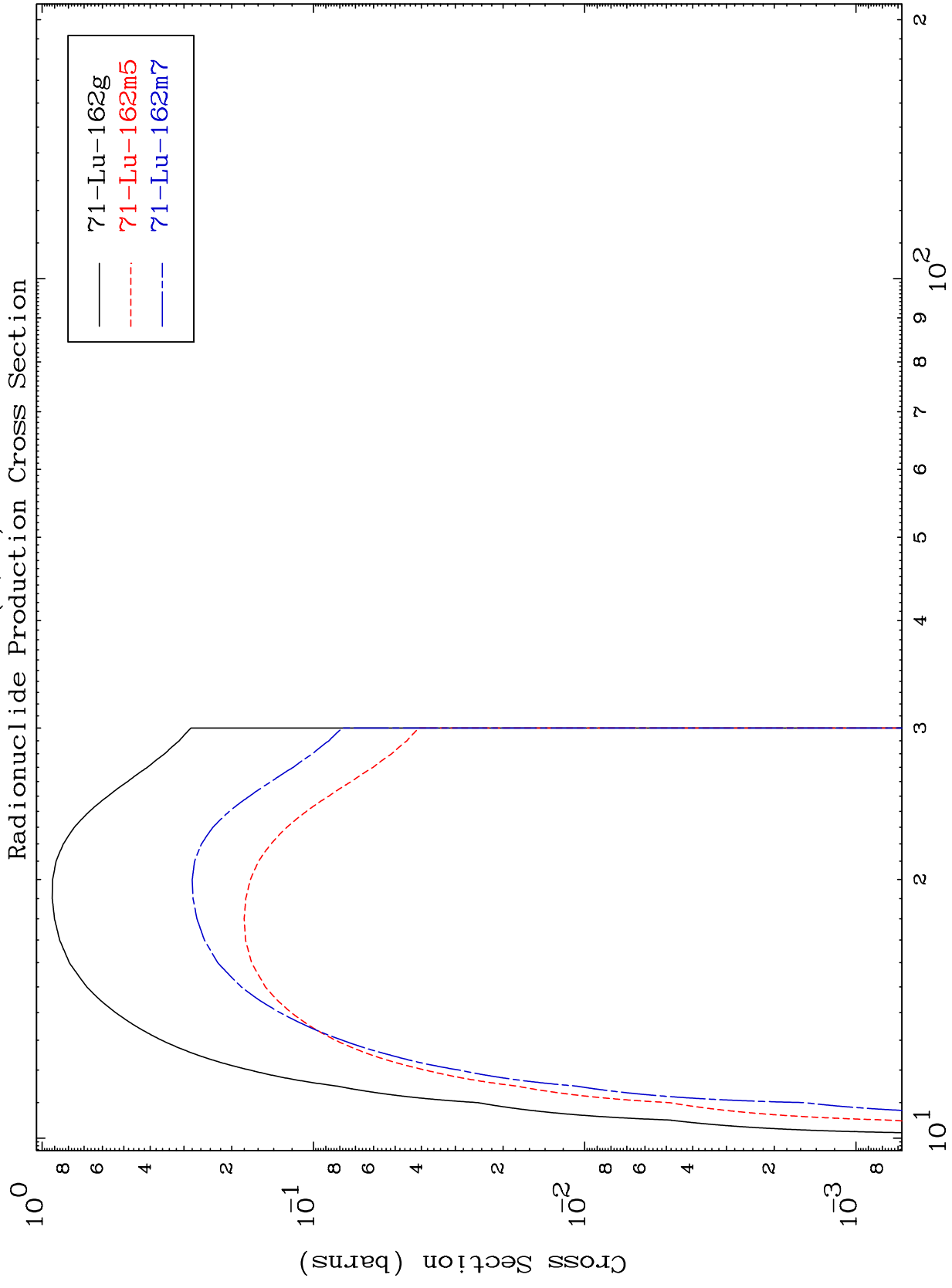
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,2n)

⁷¹Lu-163



114

Incident Energy (MeV)

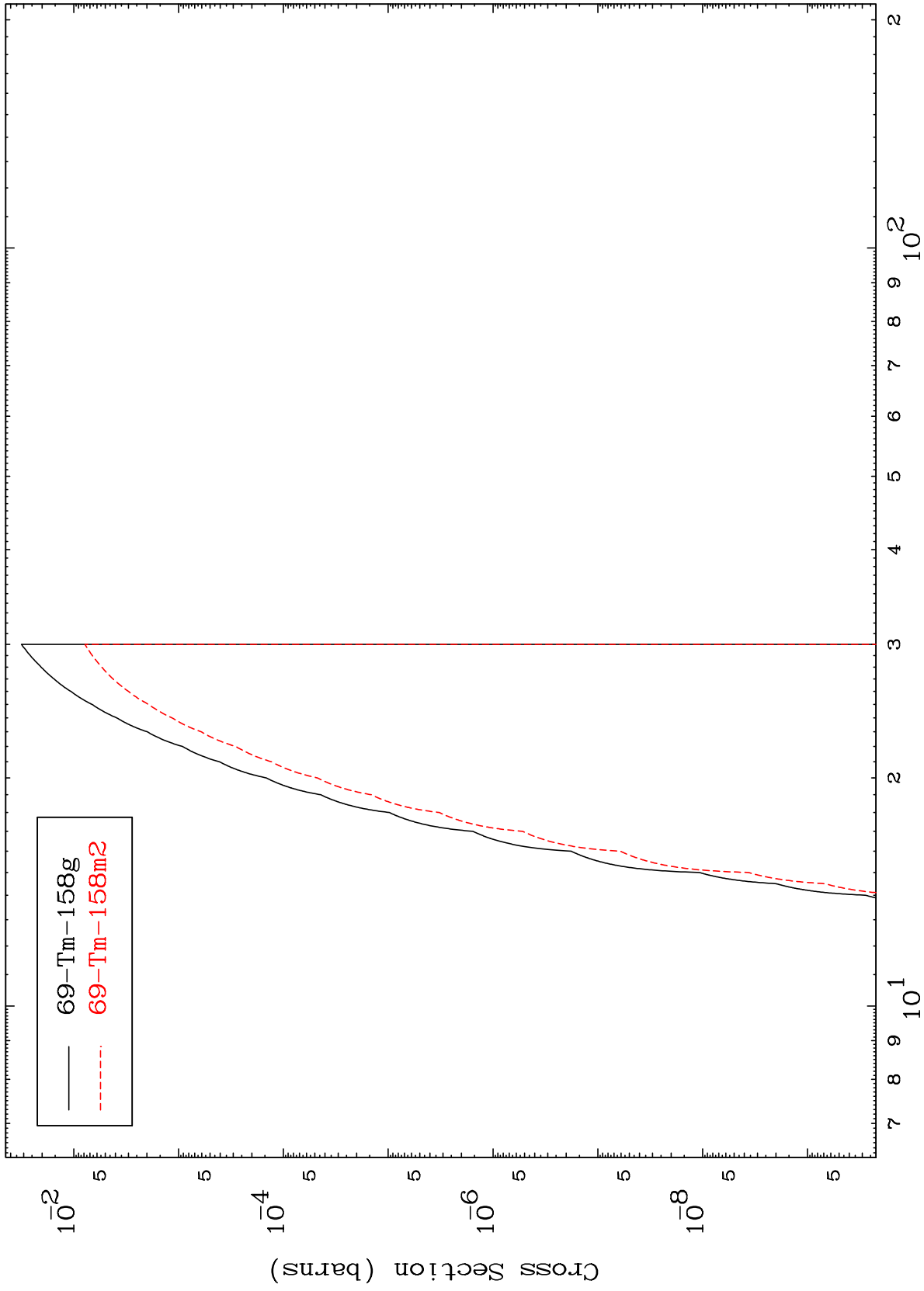
⁷¹Lu-163

MAT 7089

(n,2n) α

71-Lu-163

Radionuclide Production Cross Section



115

Incident Energy (MeV)

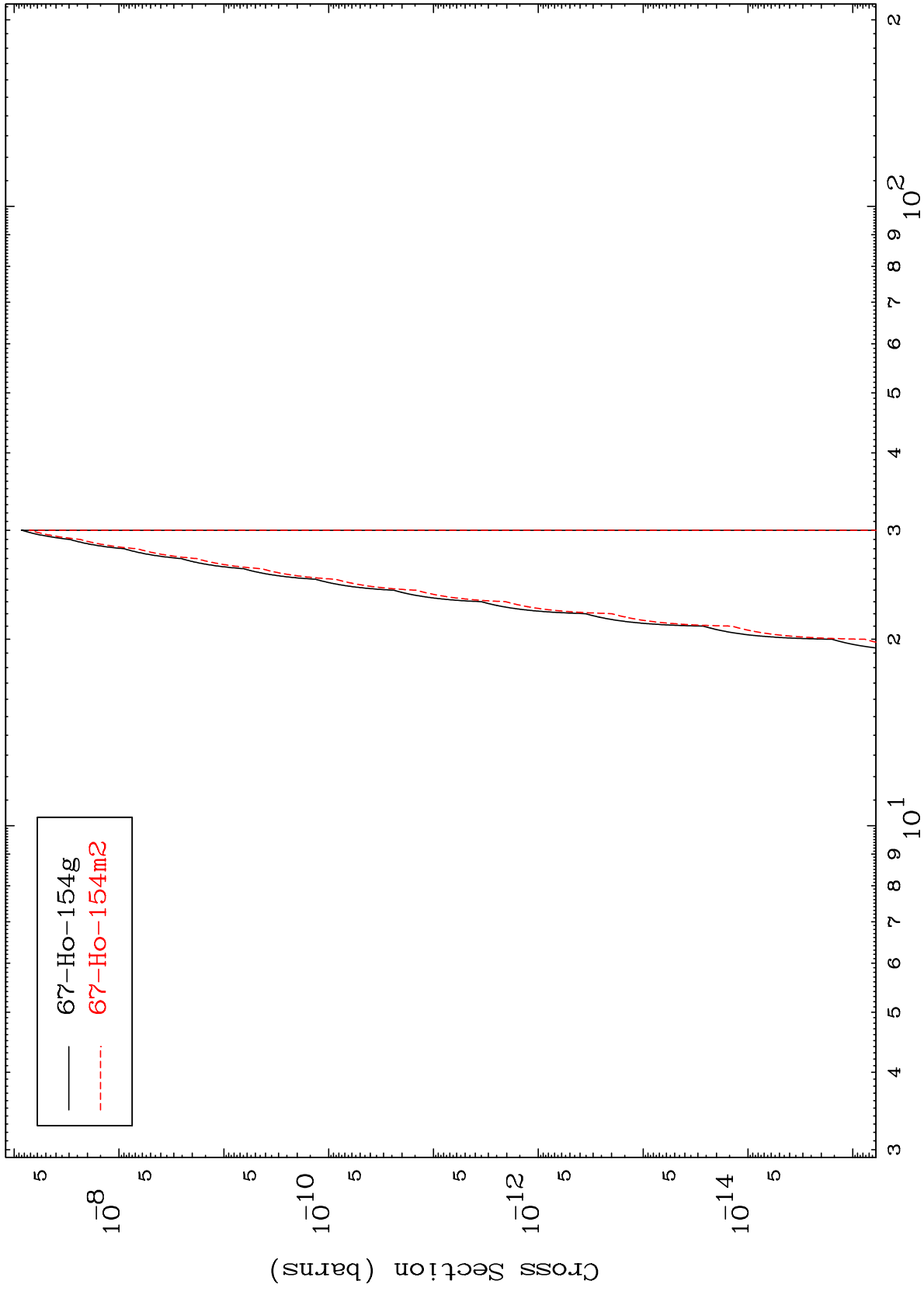
71-Lu-163

MAT 7089

(n,2n) 2 α

71-Lu-163

Radionuclide Production Cross Section



116

Incident Energy (MeV)

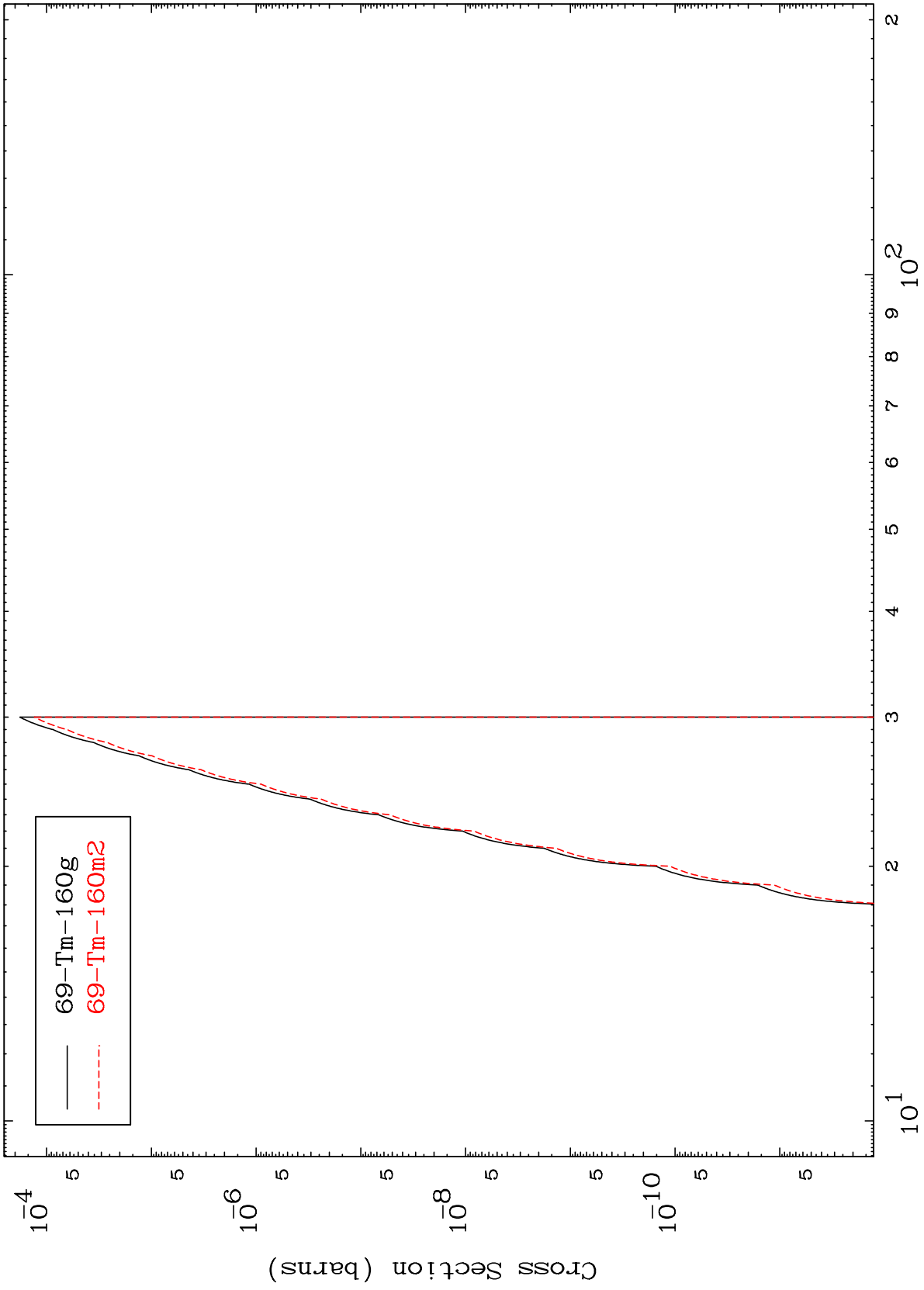
71-Lu-163

MAT 7089

(n, n') He-3

71-Lu-163

Radionuclide Production Cross Section



117

Incident Energy (MeV)

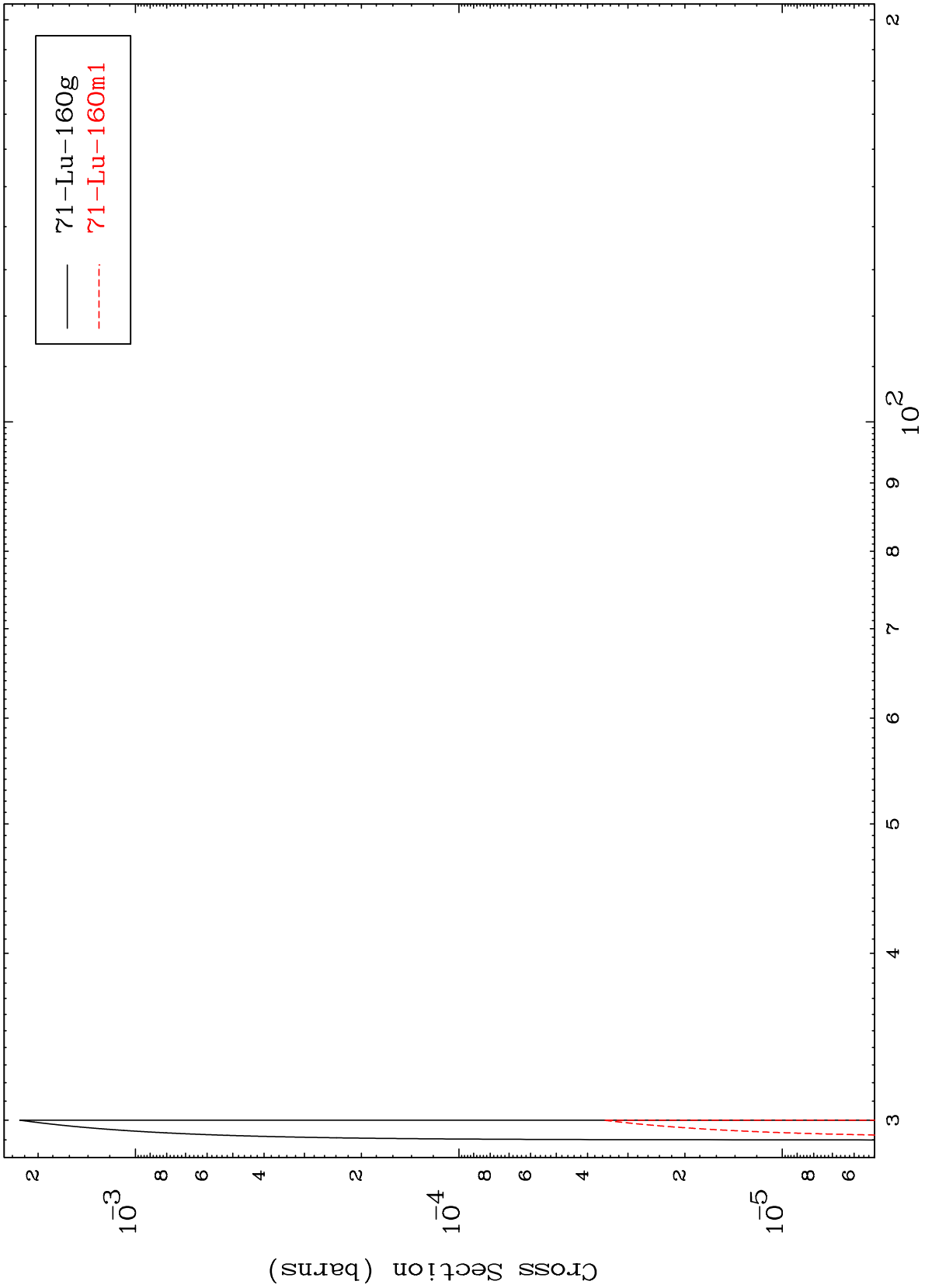
71-Lu-163

MAT 7089

(n,4n)

⁷¹Lu-163

Radionuclide Production Cross Section

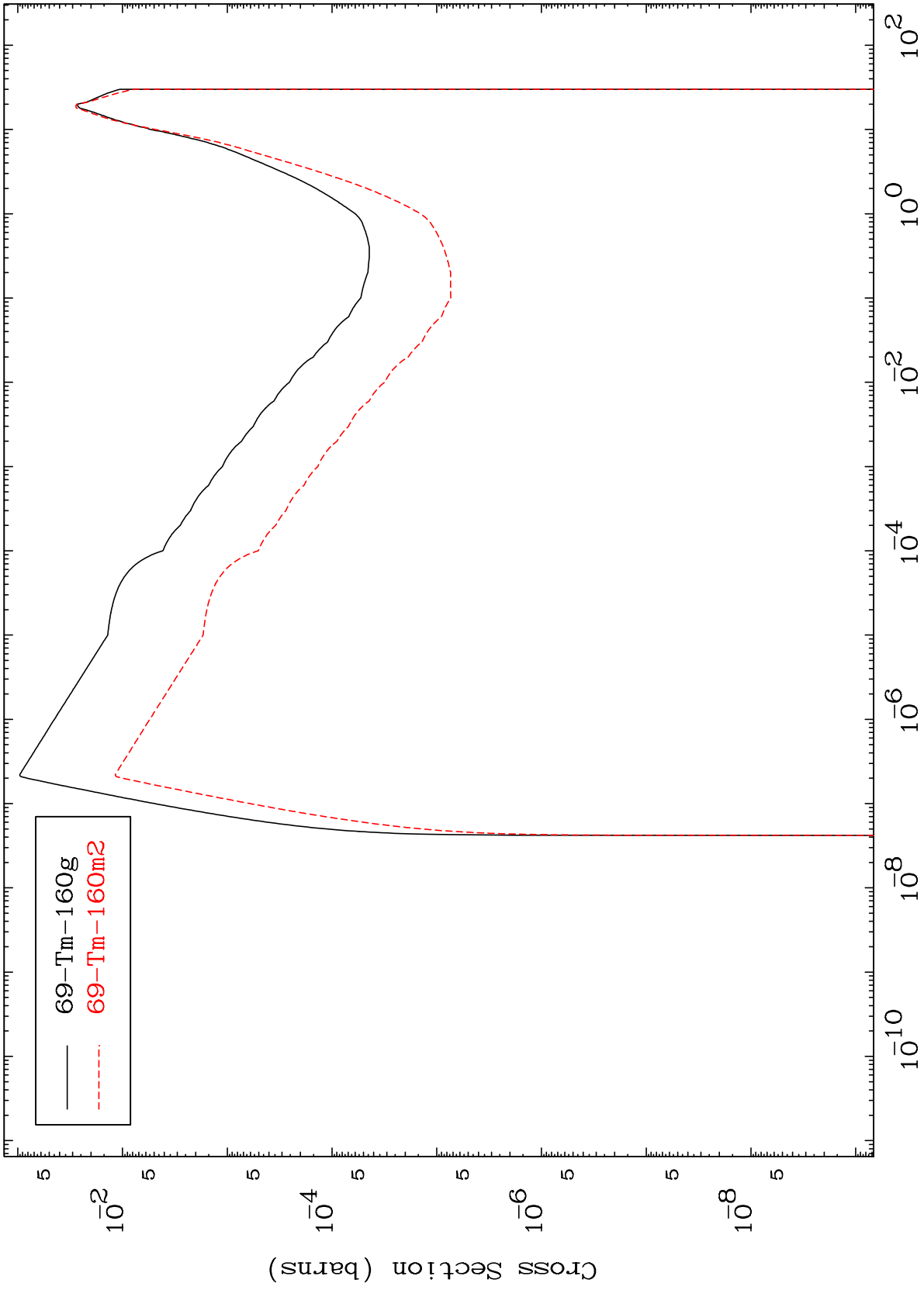


118

Incident Energy (MeV)

⁷¹Lu-163

Radionuclide Production Cross Section
(n, α)

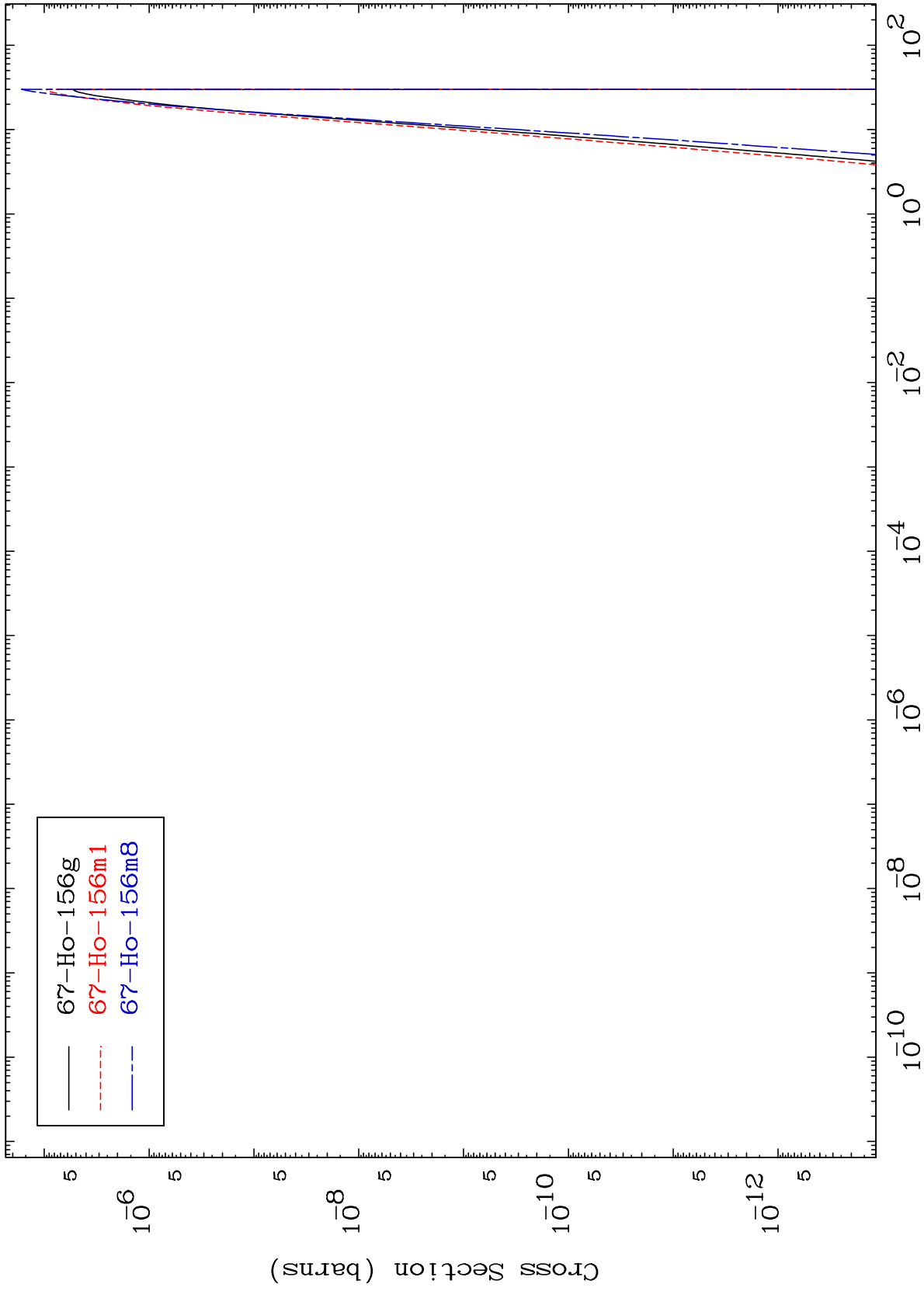


MAT 7089

(n,2α)

71-Lu-163

Radionuclide Production Cross Section



120

Incident Energy (MeV)

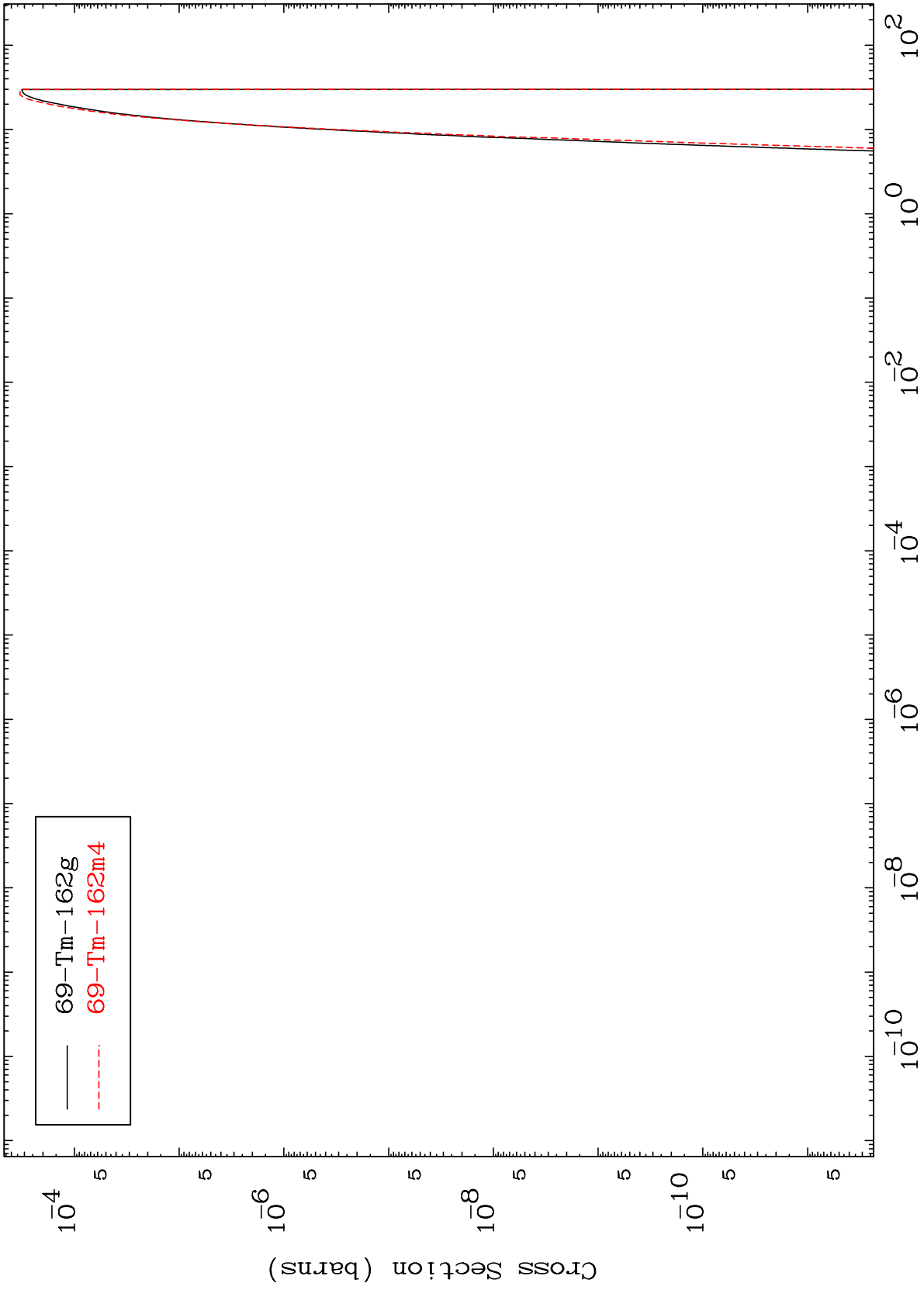
71-Lu-163

MAT 7089

(n,2p)

71-Lu-163

Radionuclide Production Cross Section



121

Incident Energy (MeV)

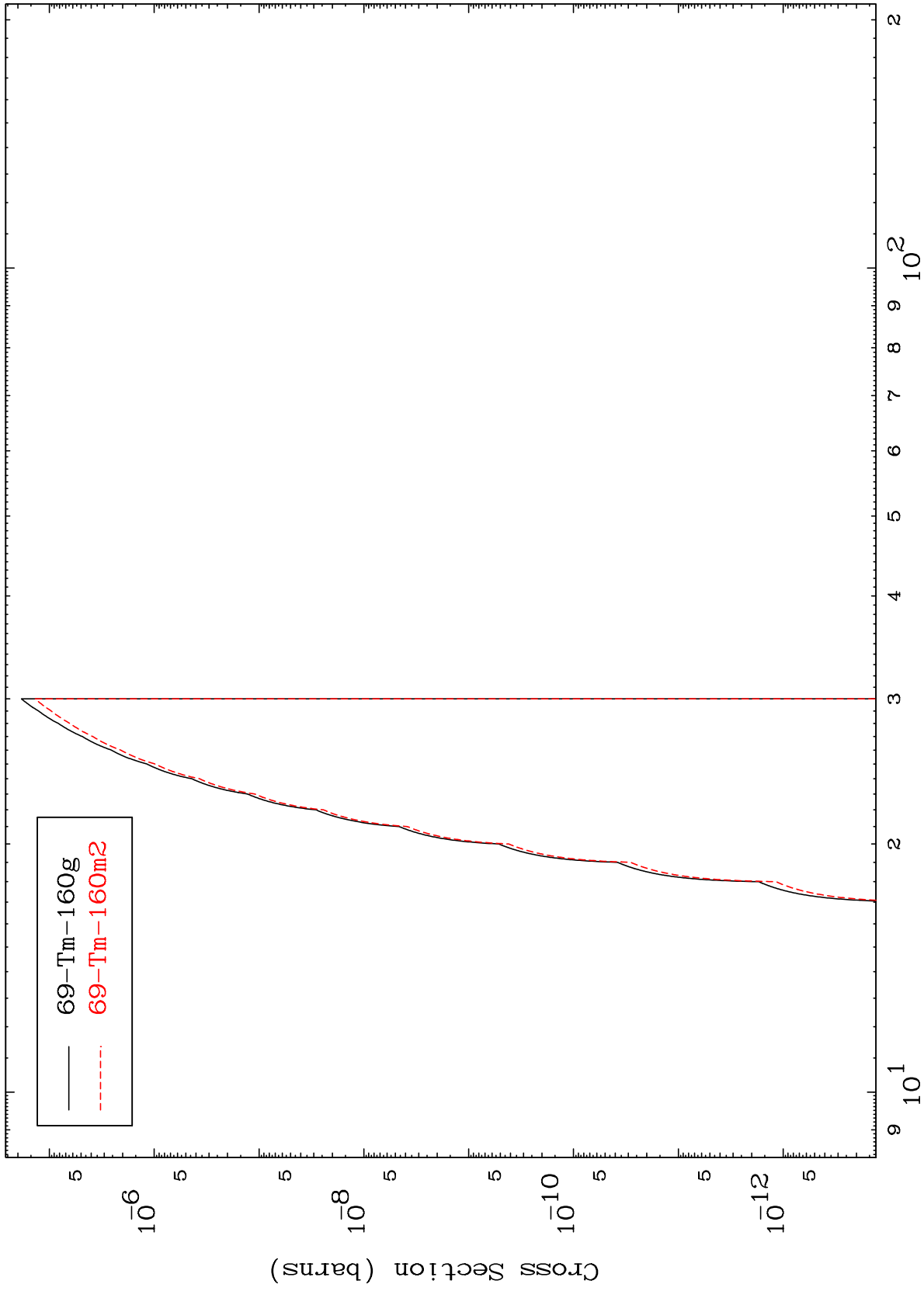
71-Lu-163

MAT 7089

(n,p) t

71-Lu-163

Radionuclide Production Cross Section



122

Incident Energy (MeV)

71-Lu-163