

Program EVALPLOT
(Version 2021-1)

by

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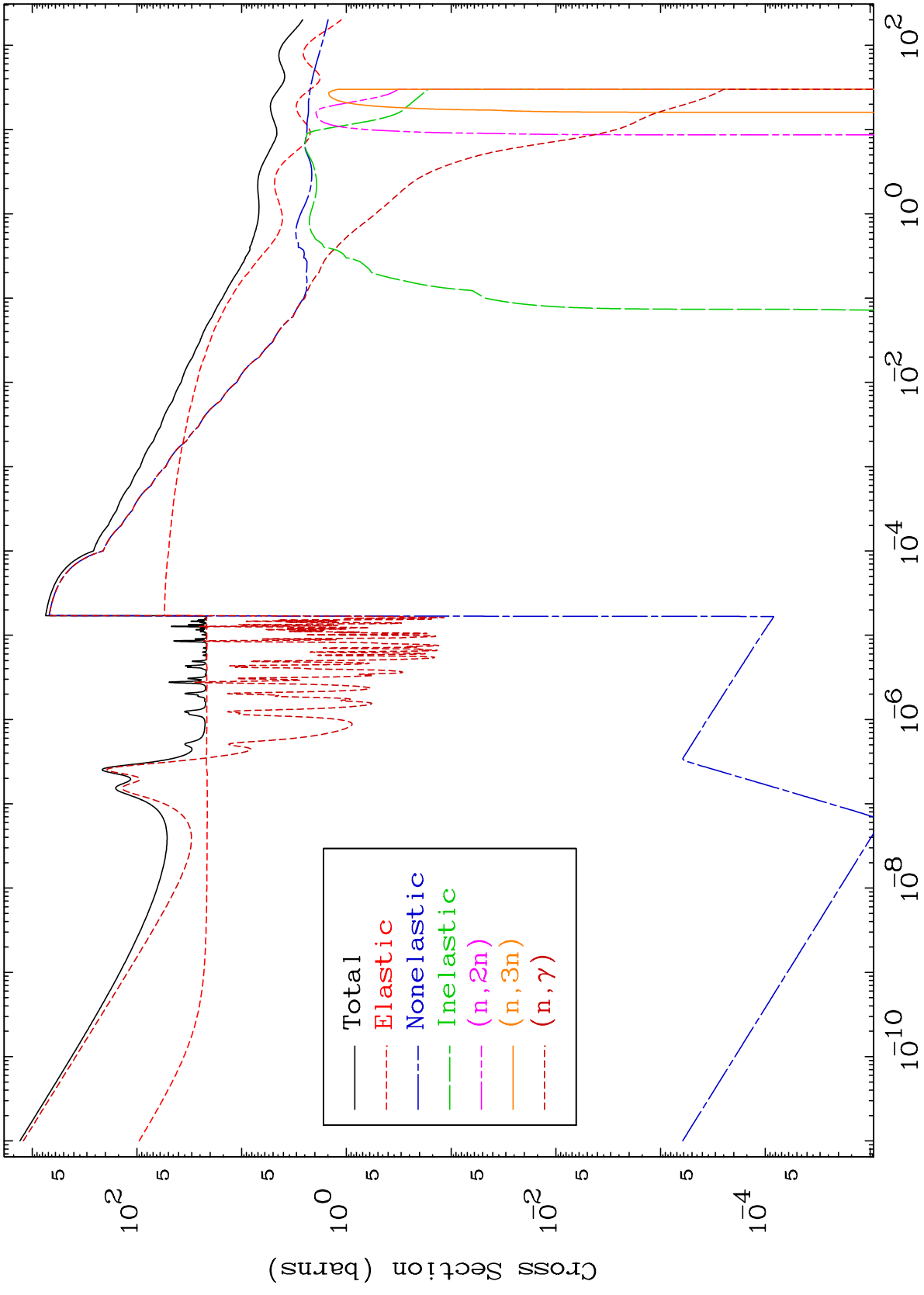
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7113

Neutron Major
293 Kelvin Cross Sections

71-Lu-171

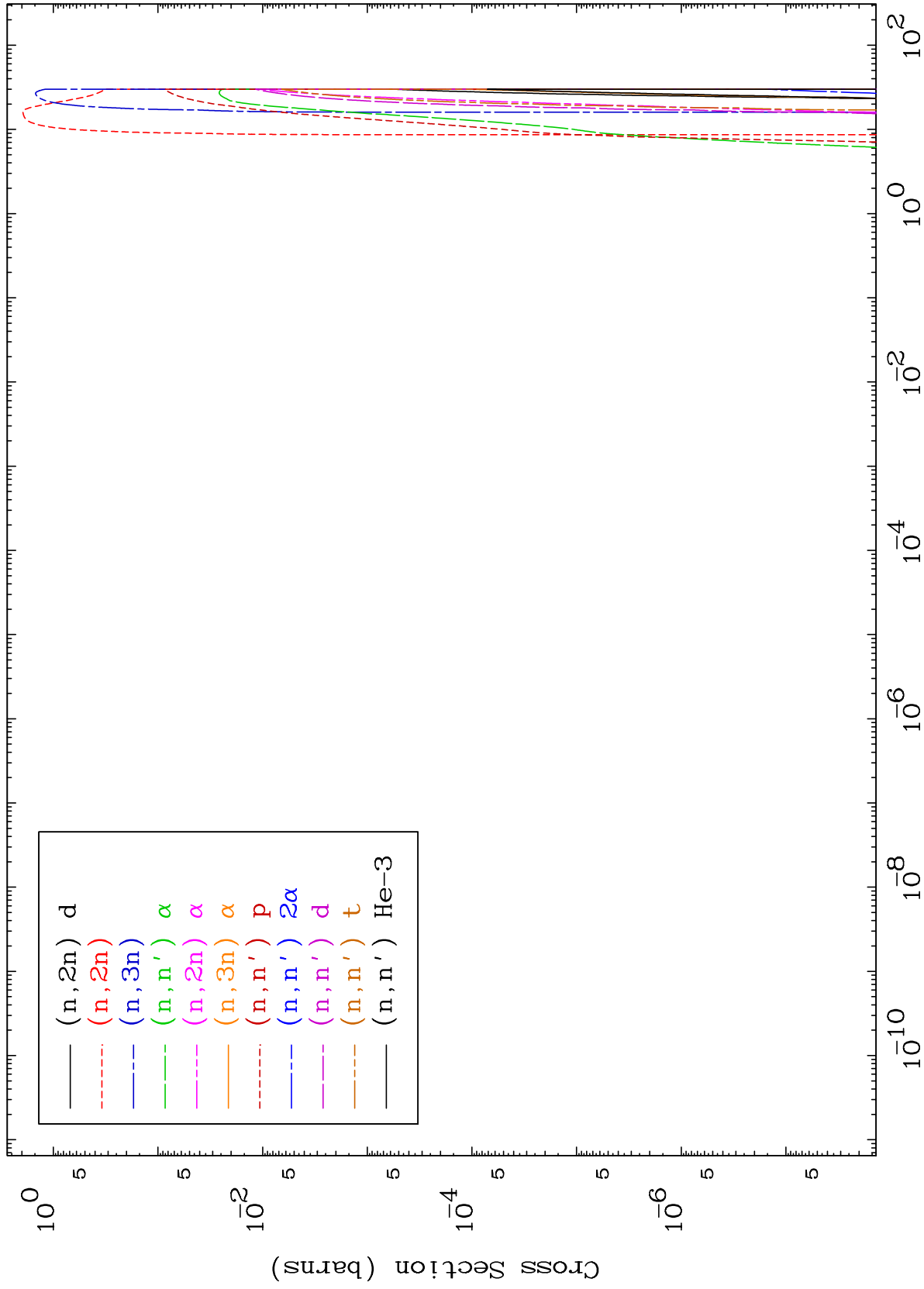


71-Lu-171

MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

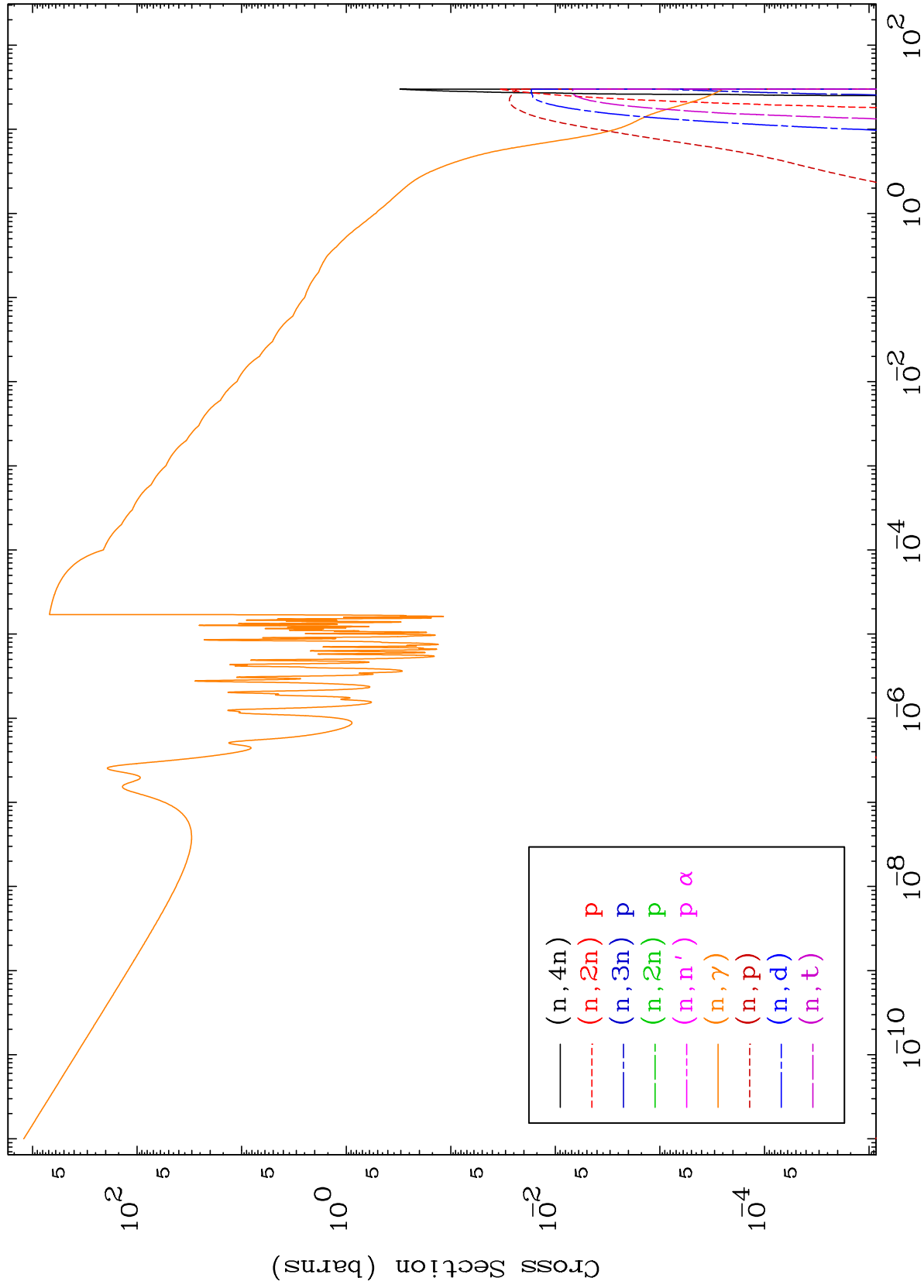
71-Lu-171



MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-171



3

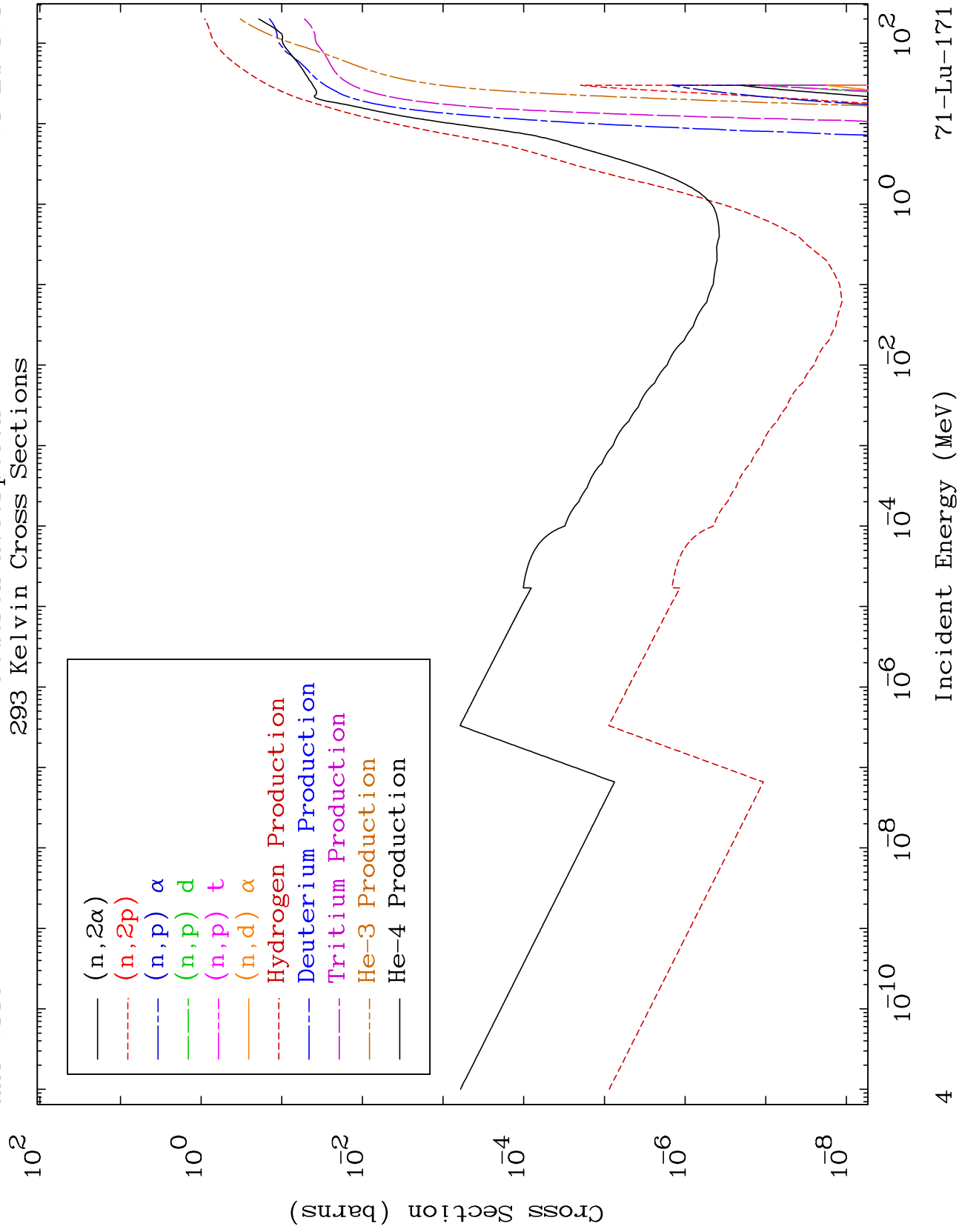
Incident Energy (MeV)

71-Lu-171

MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

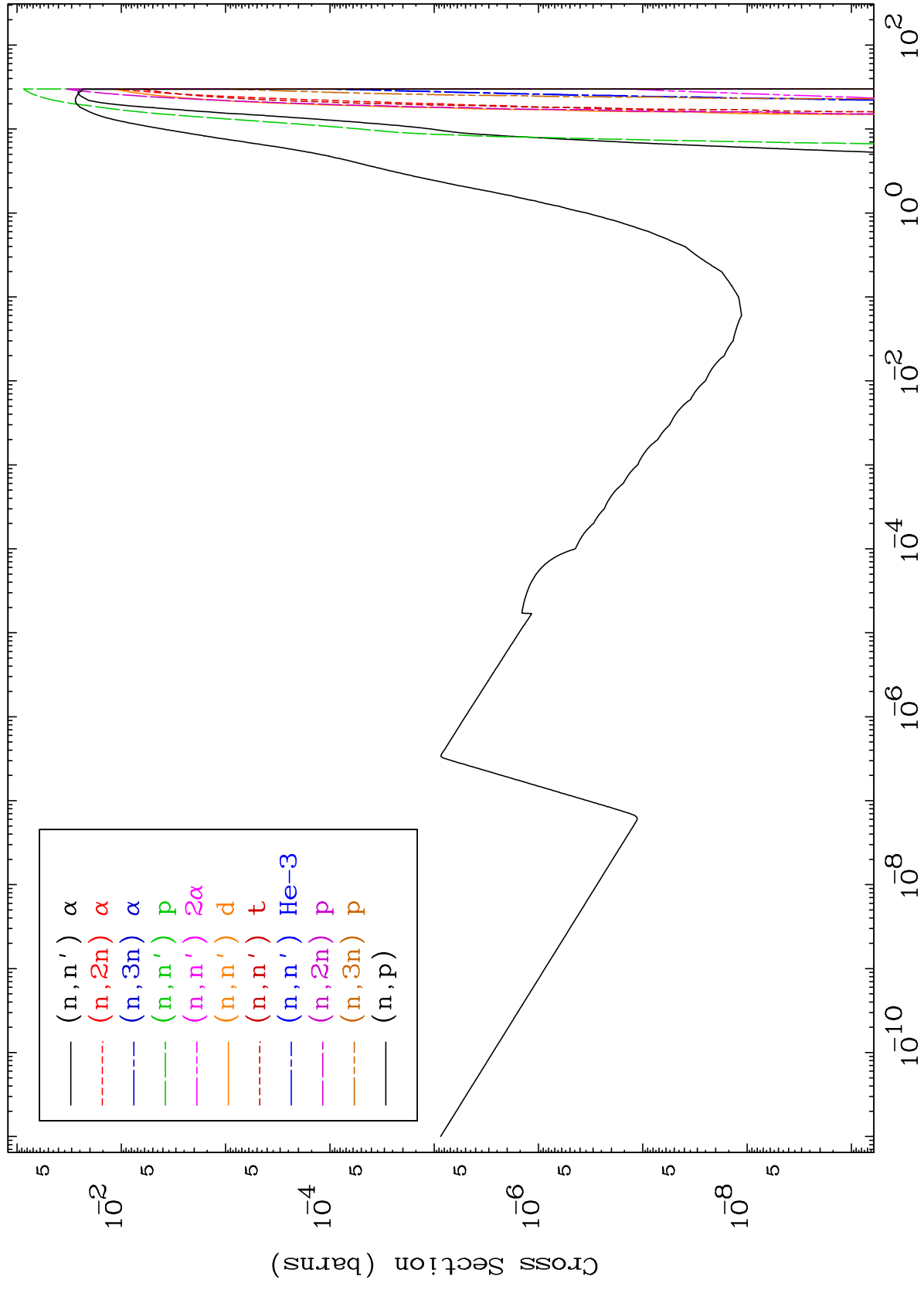
71-Lu-171



MAT 7113

293 Charged Particle
Kelvin Cross Sections

71-Lu-171



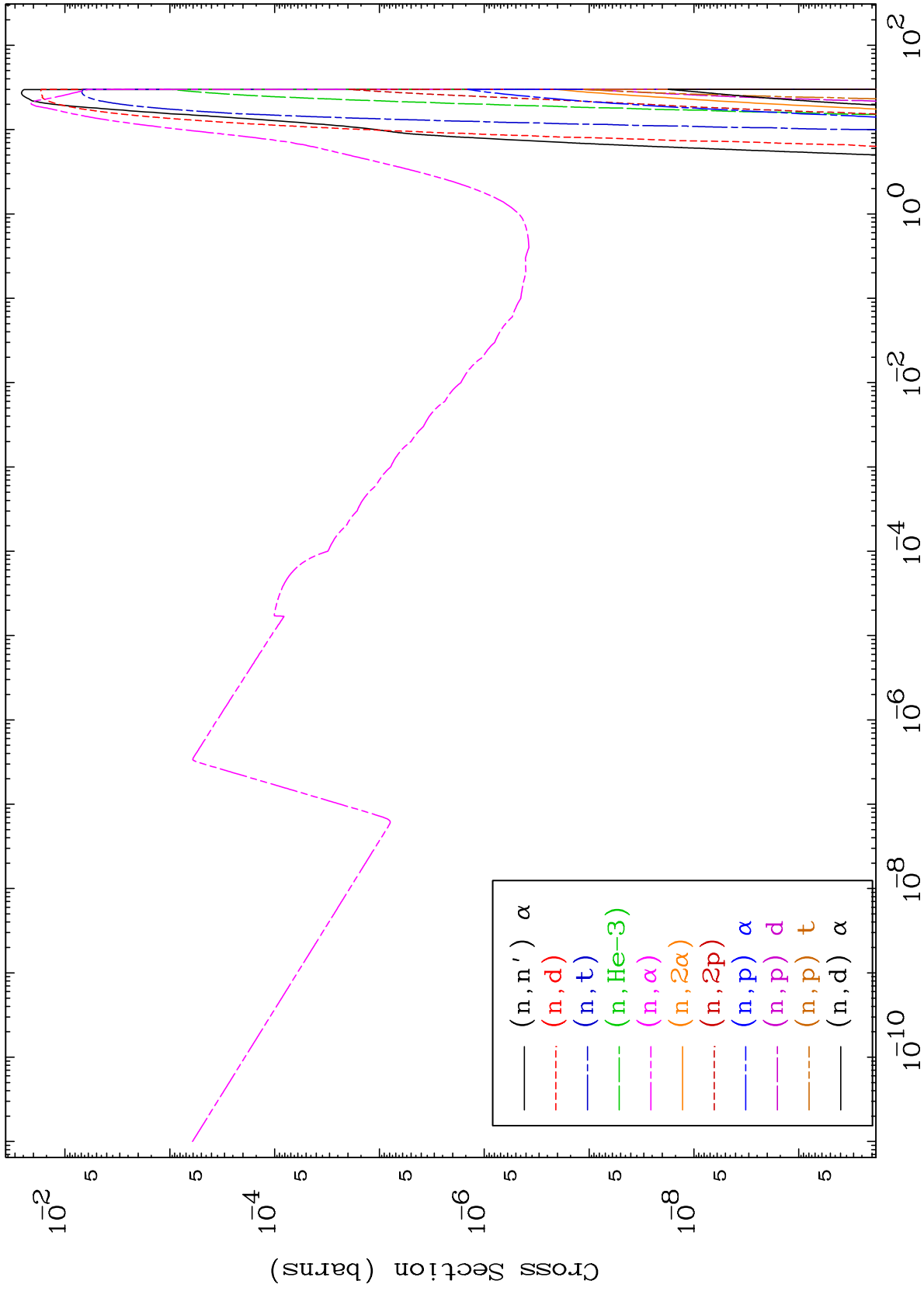
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71-Lu-171

MAT 7113

293 Kelvin Cross Sections

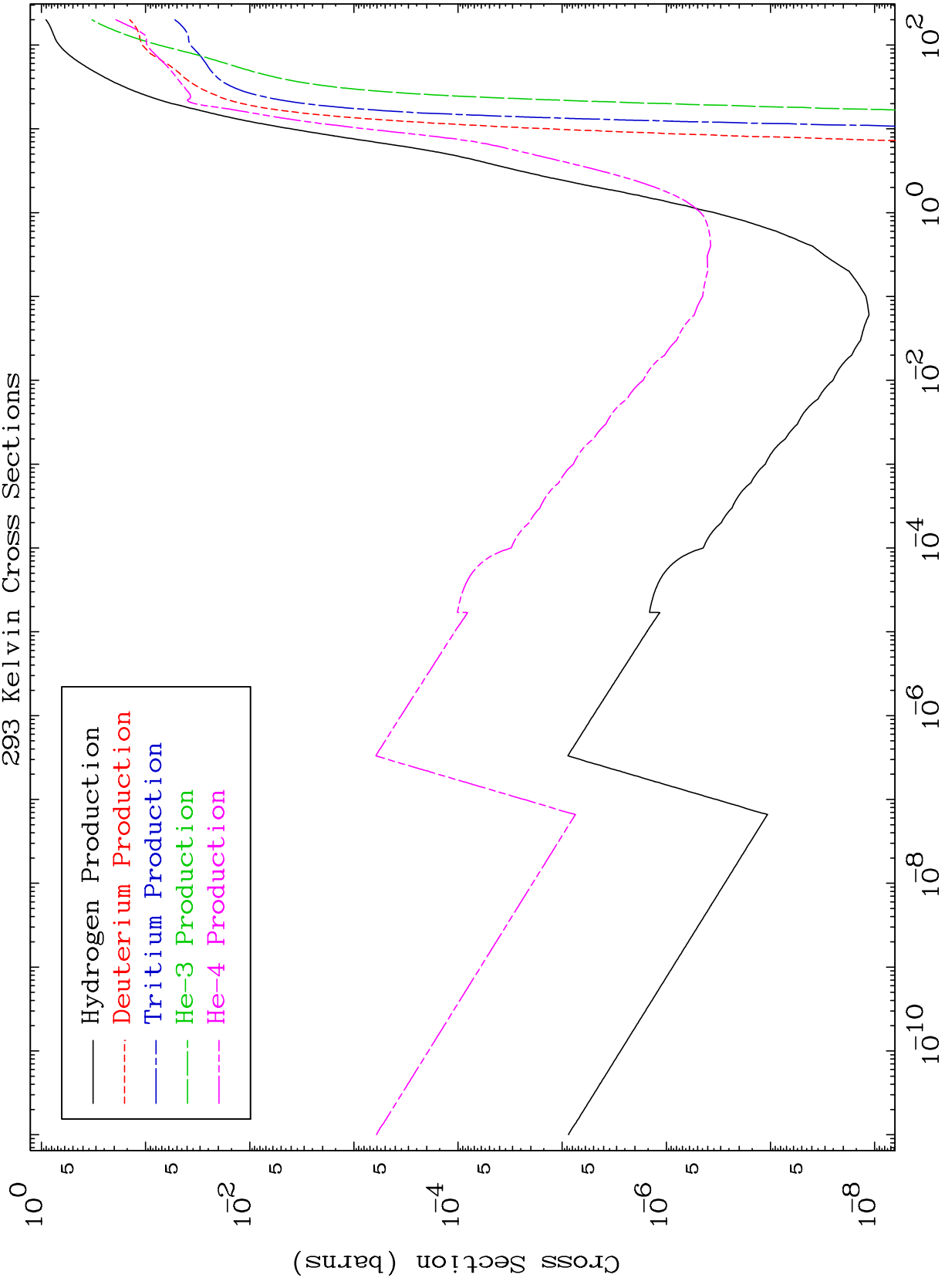
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MAT 7113

Particle Production
293 Kelvin Cross Sections

71-Lu-171



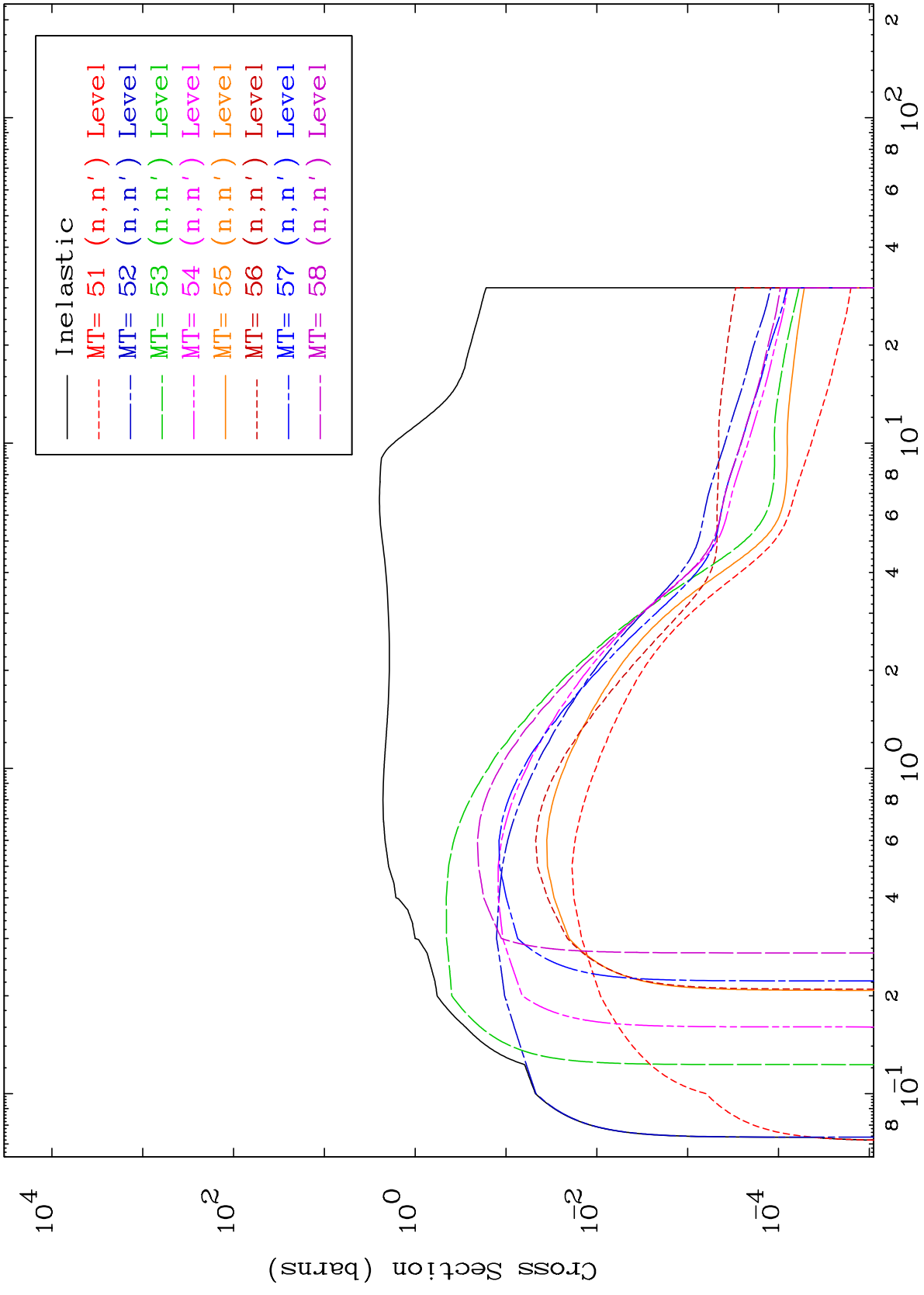
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71-Lu-171

MAT 7113

(n,n') Levels
293 Kelvin Cross Sections

71-Lu-171



8

Incident Energy (MeV)

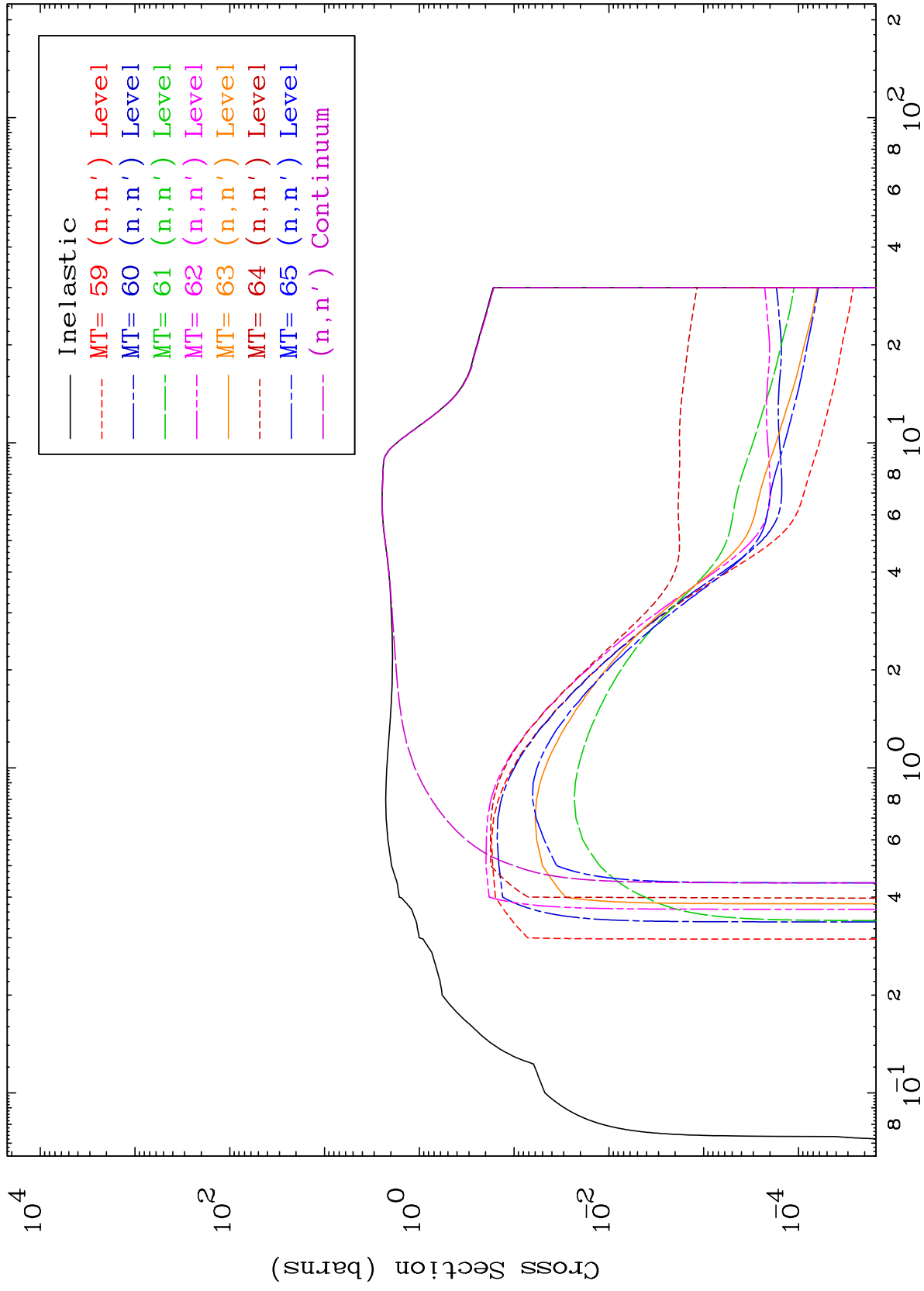
71-Lu-171

MAT 7113

(n,n') Levels

293 Kelvin Cross Sections

71-Lu-171



9

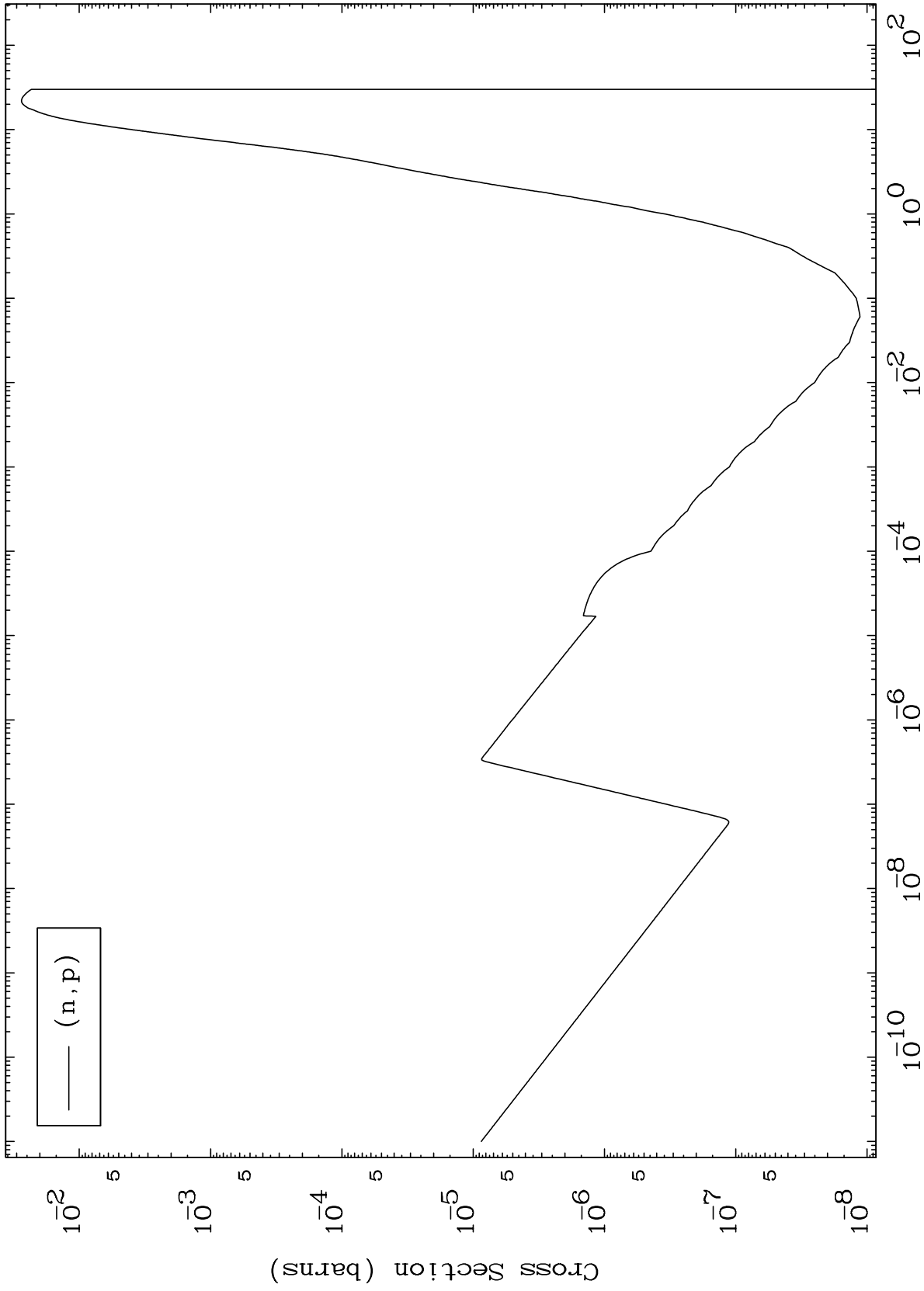
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-171



10

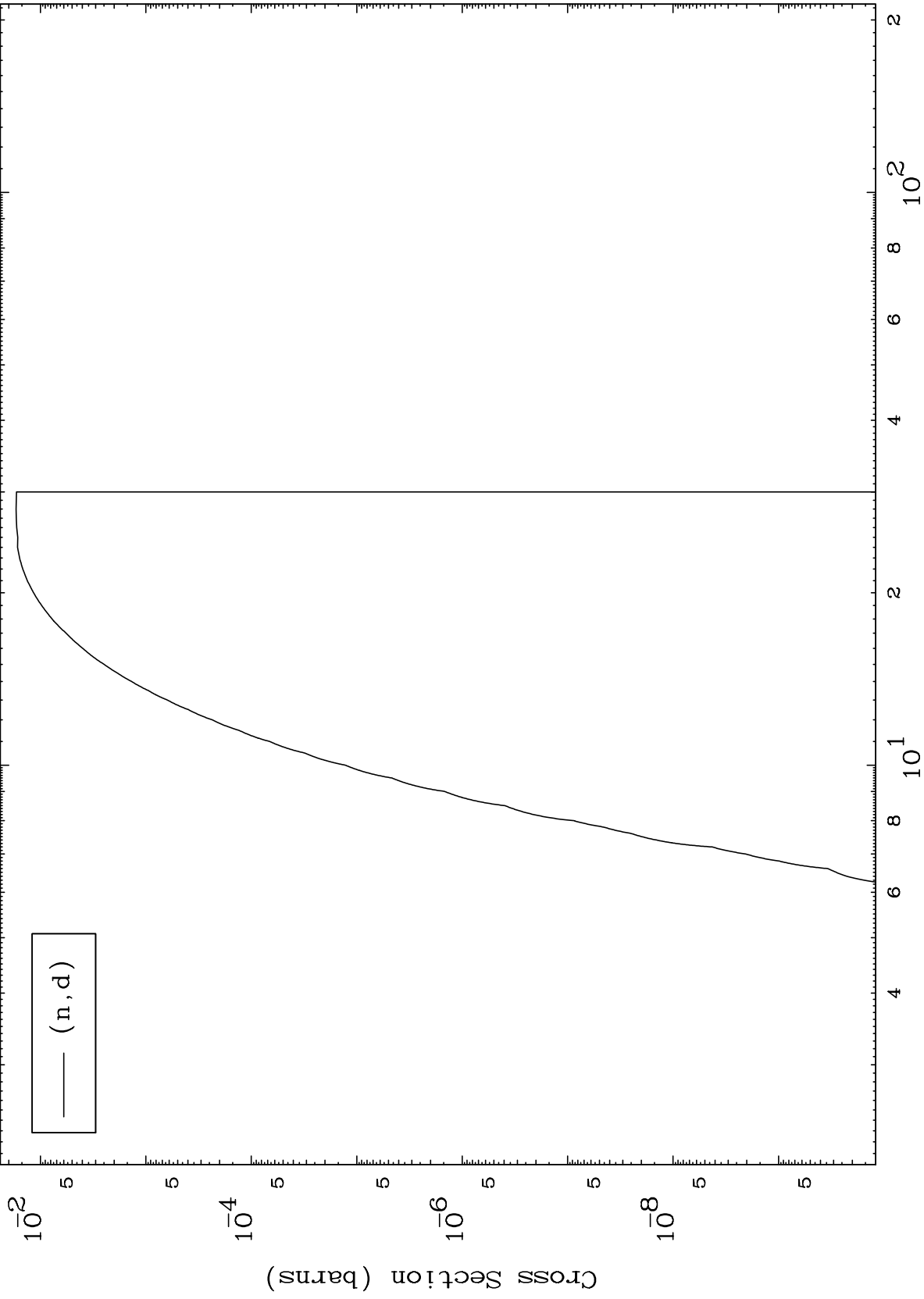
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-171



11

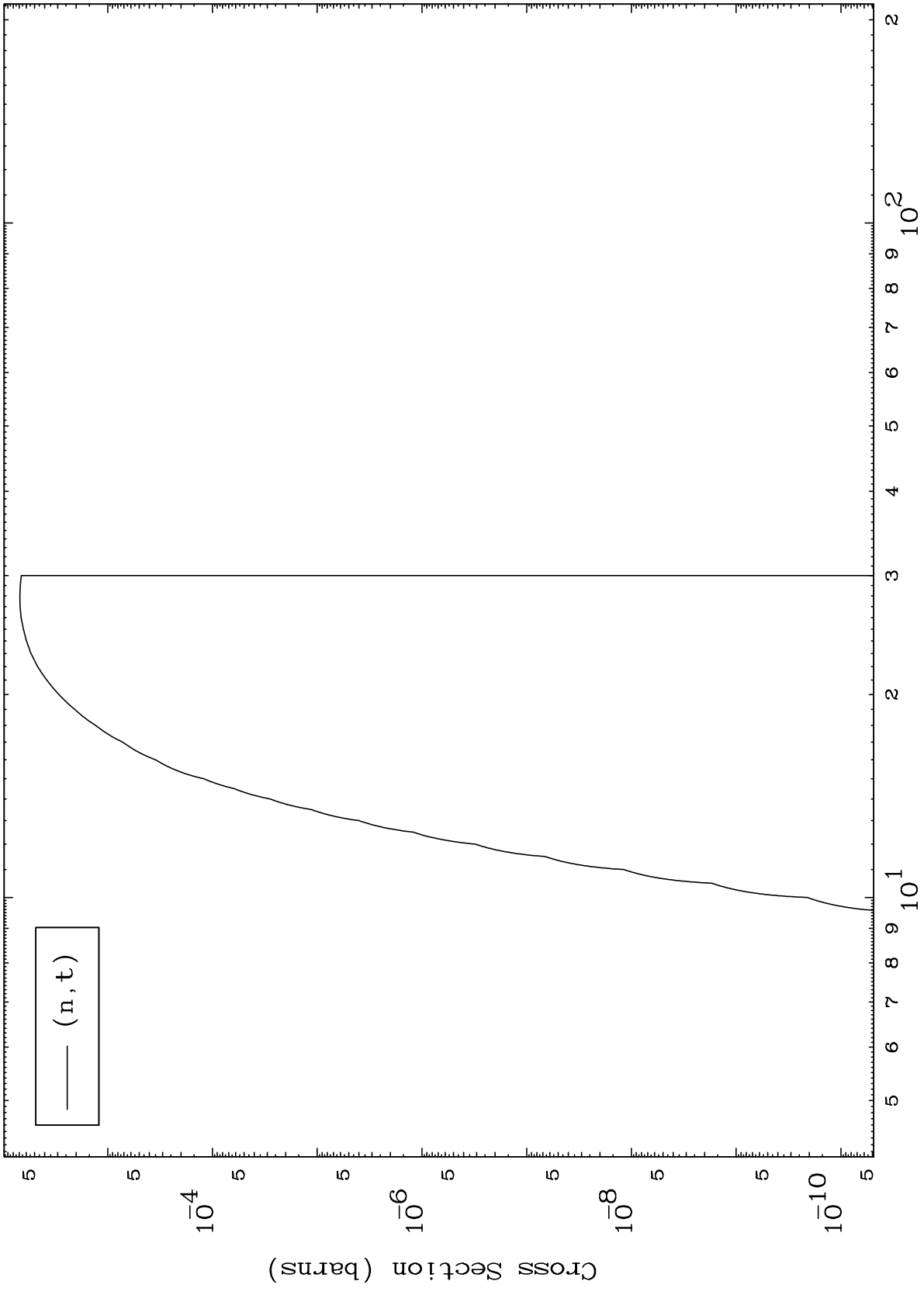
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,t) Levels
293 Kelvin Cross Sections

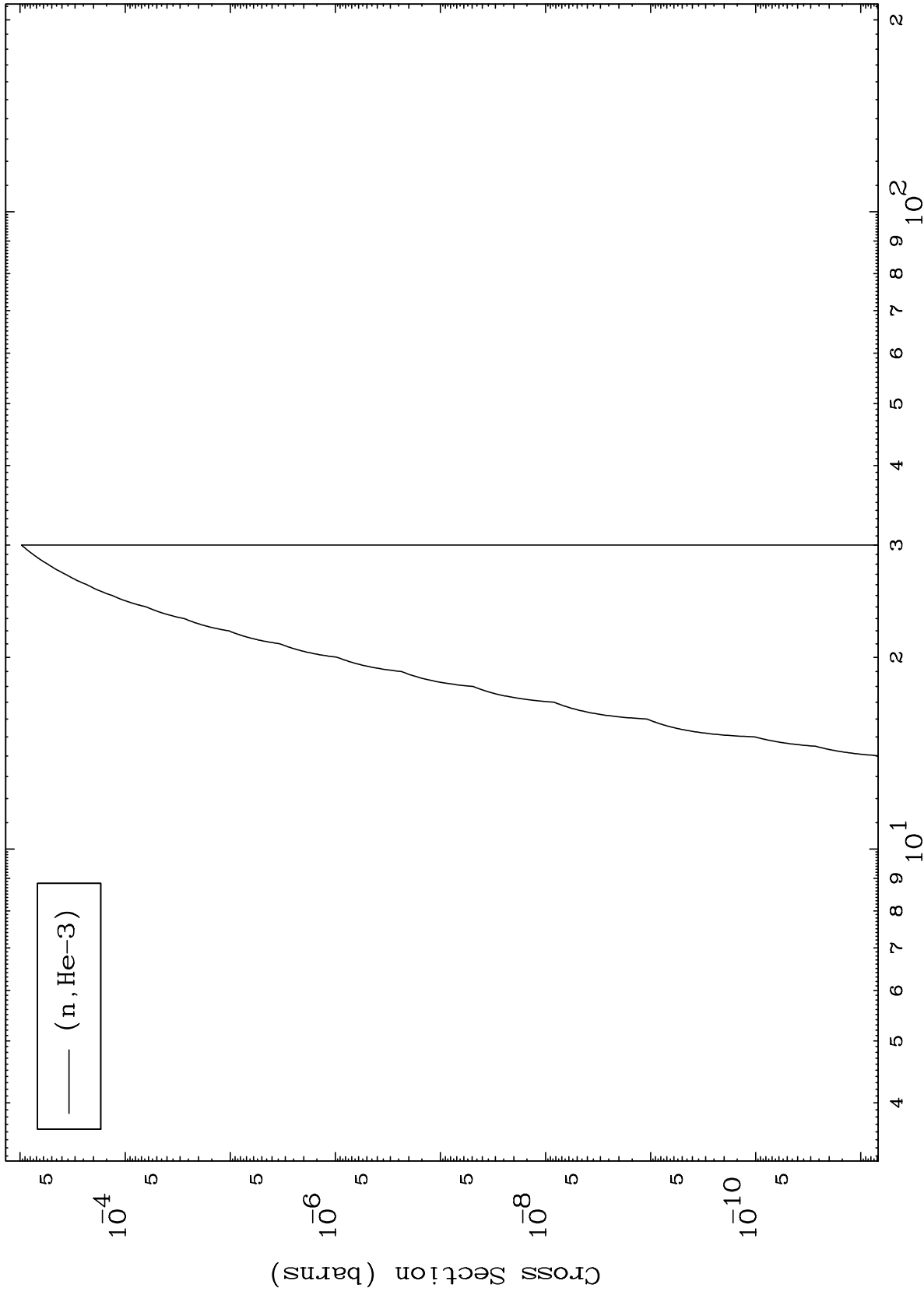
71-Lu-171



MAT 7113

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-171



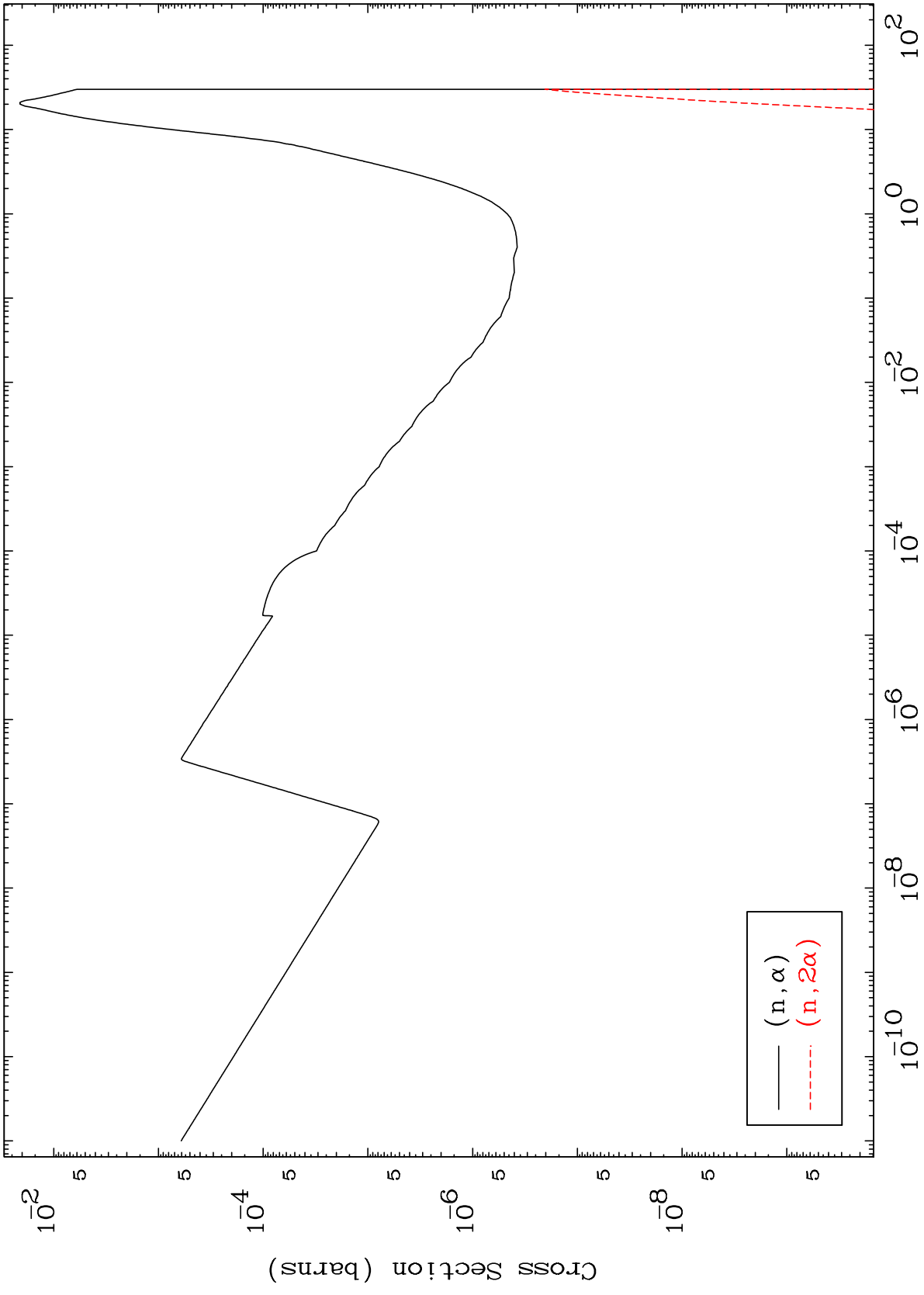
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71-Lu-171

MAT 7113

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-171

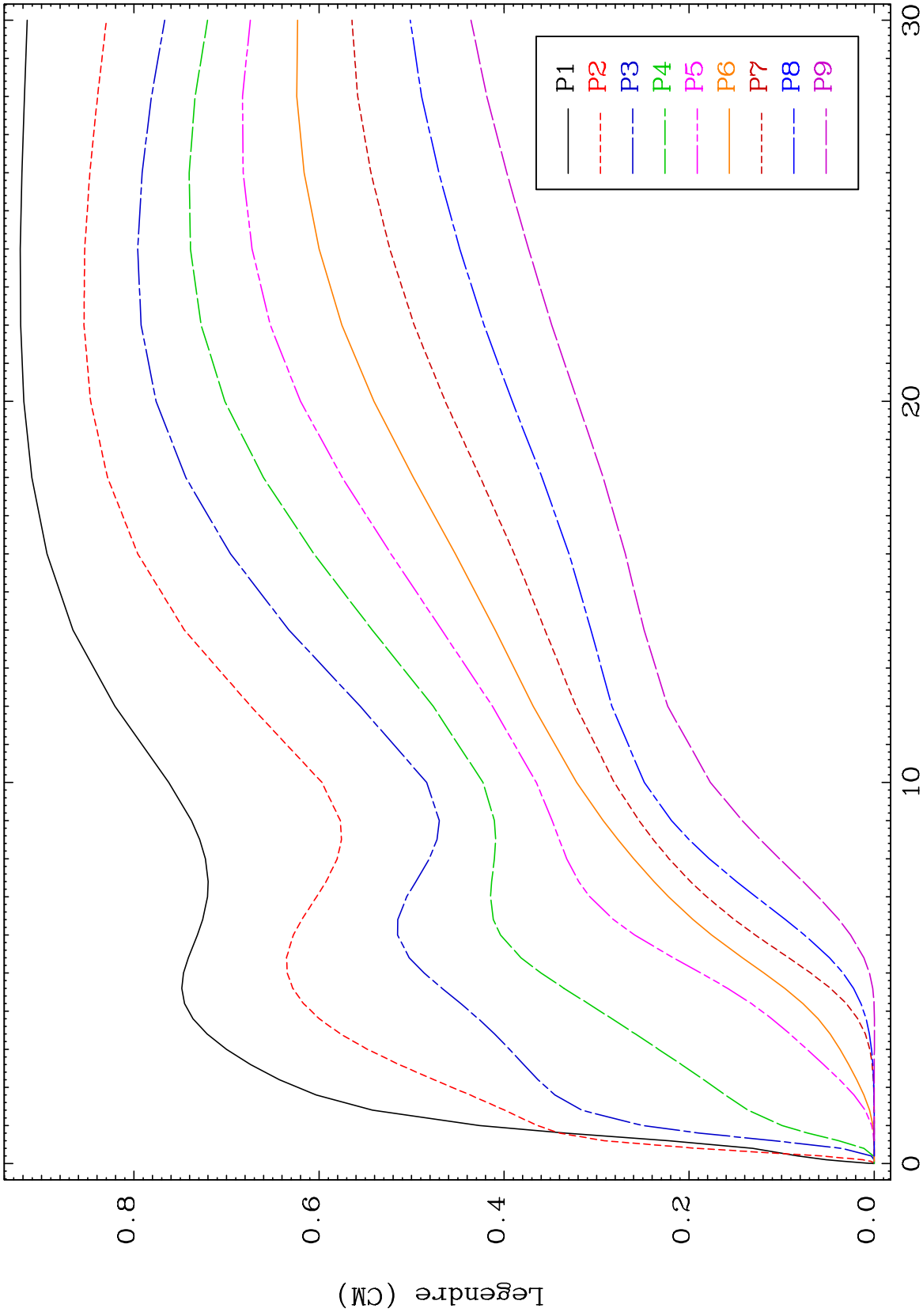


71-Lu-171

MAT 7113

Elastic Legendre Coefficients

71-Lu-171



15

Incident Energy (MeV)

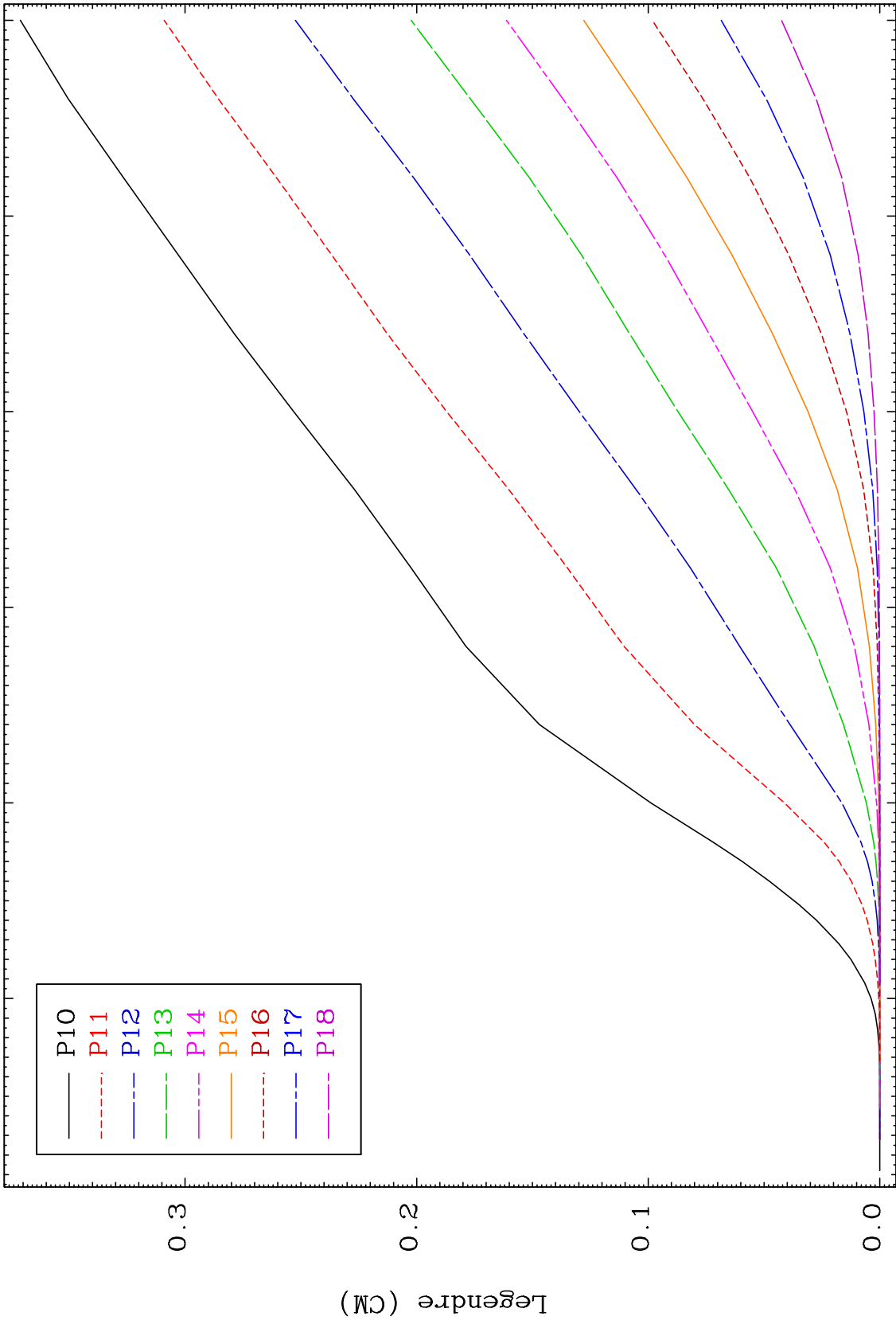
71-Lu-171

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MAT 7113

Elastic Legendre Coefficients

71-Lu-171



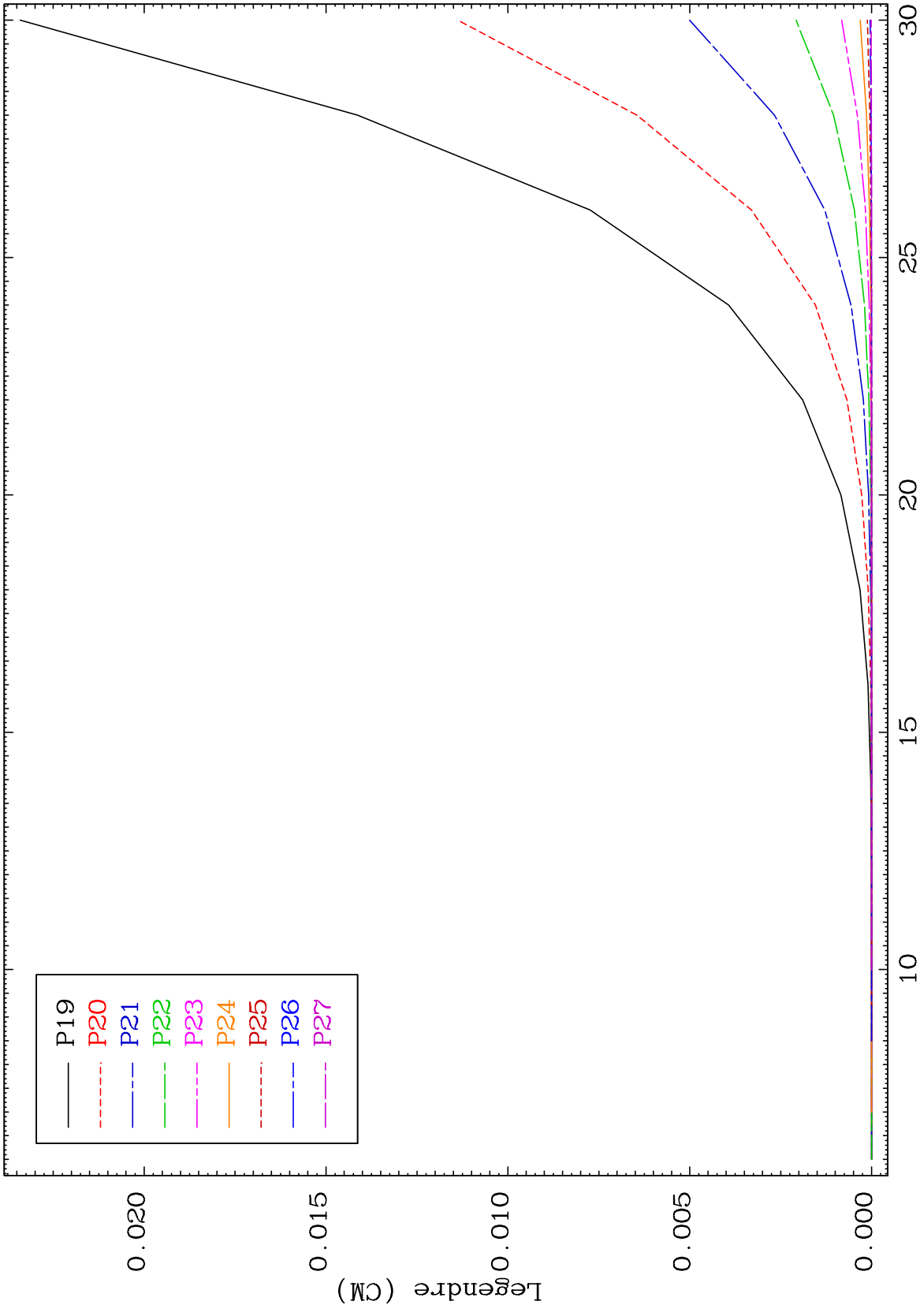
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71-Lu-171

MAT 7113

Elastic Legendre Coefficients

71-Lu-171



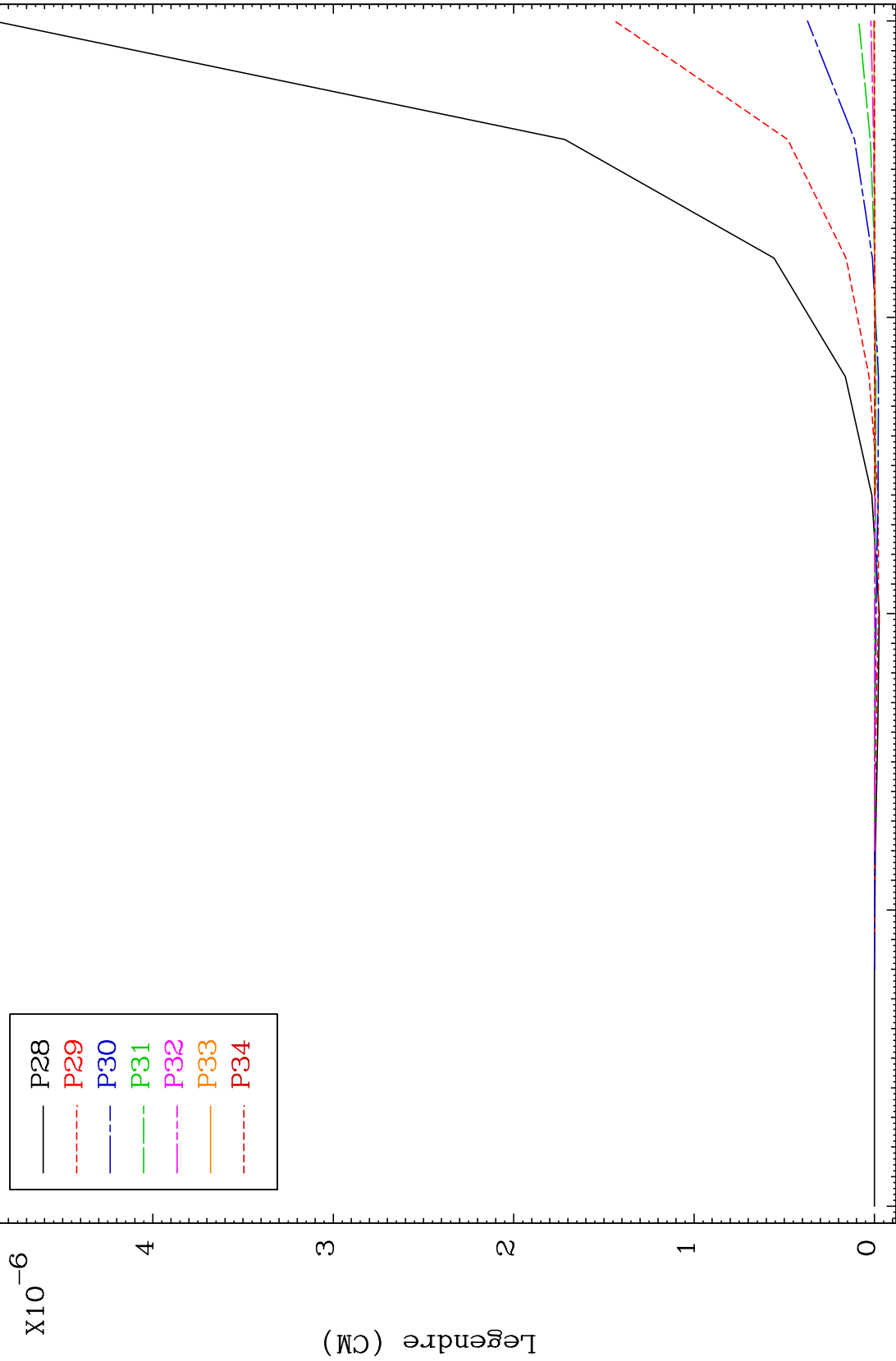
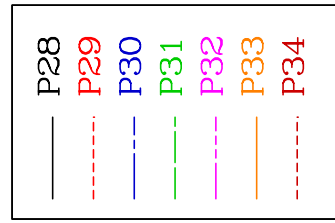
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71-Lu-171

MAT 7113

Elastic Legendre Coefficients

71-Lu-171



10

15

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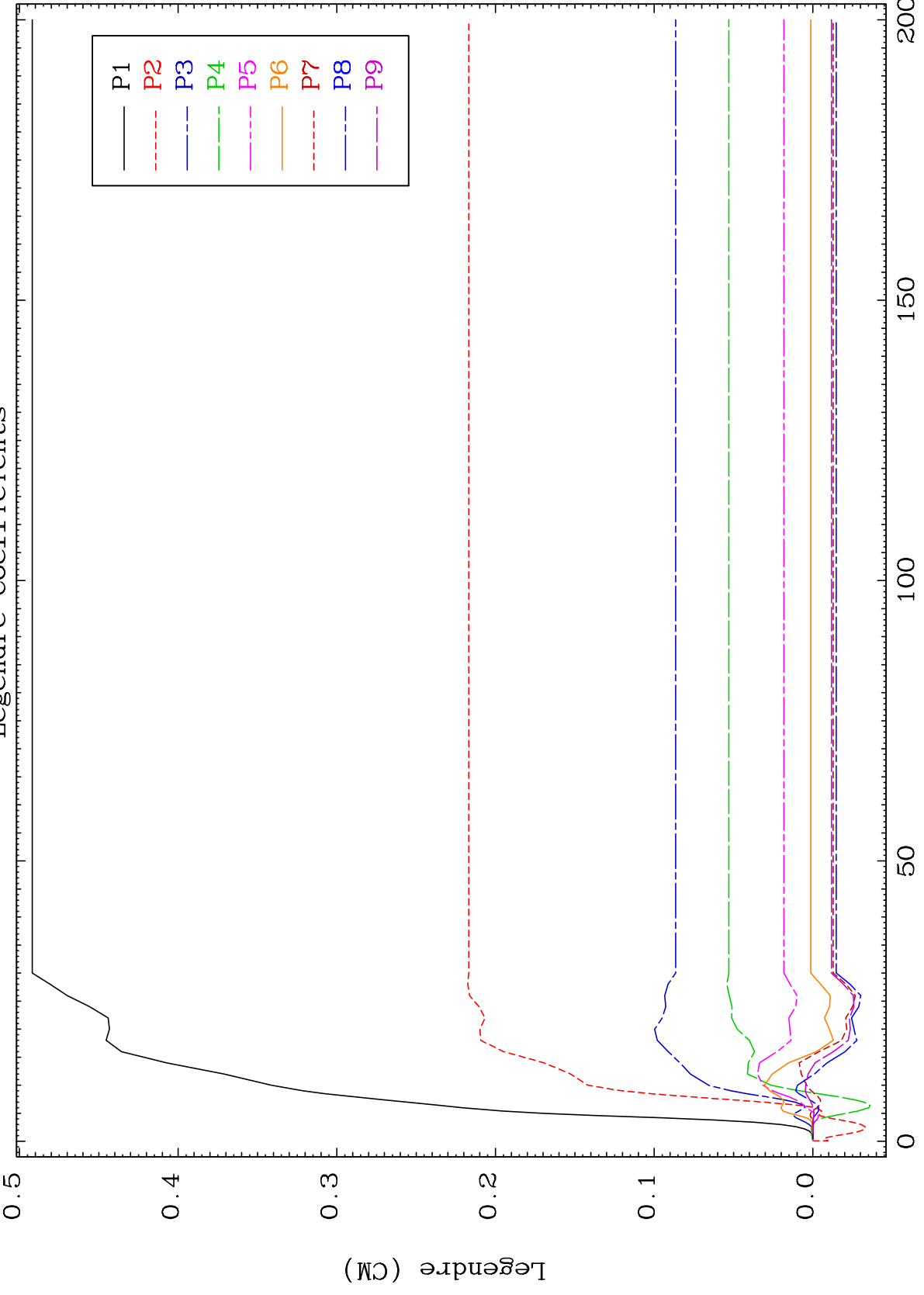
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Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-171

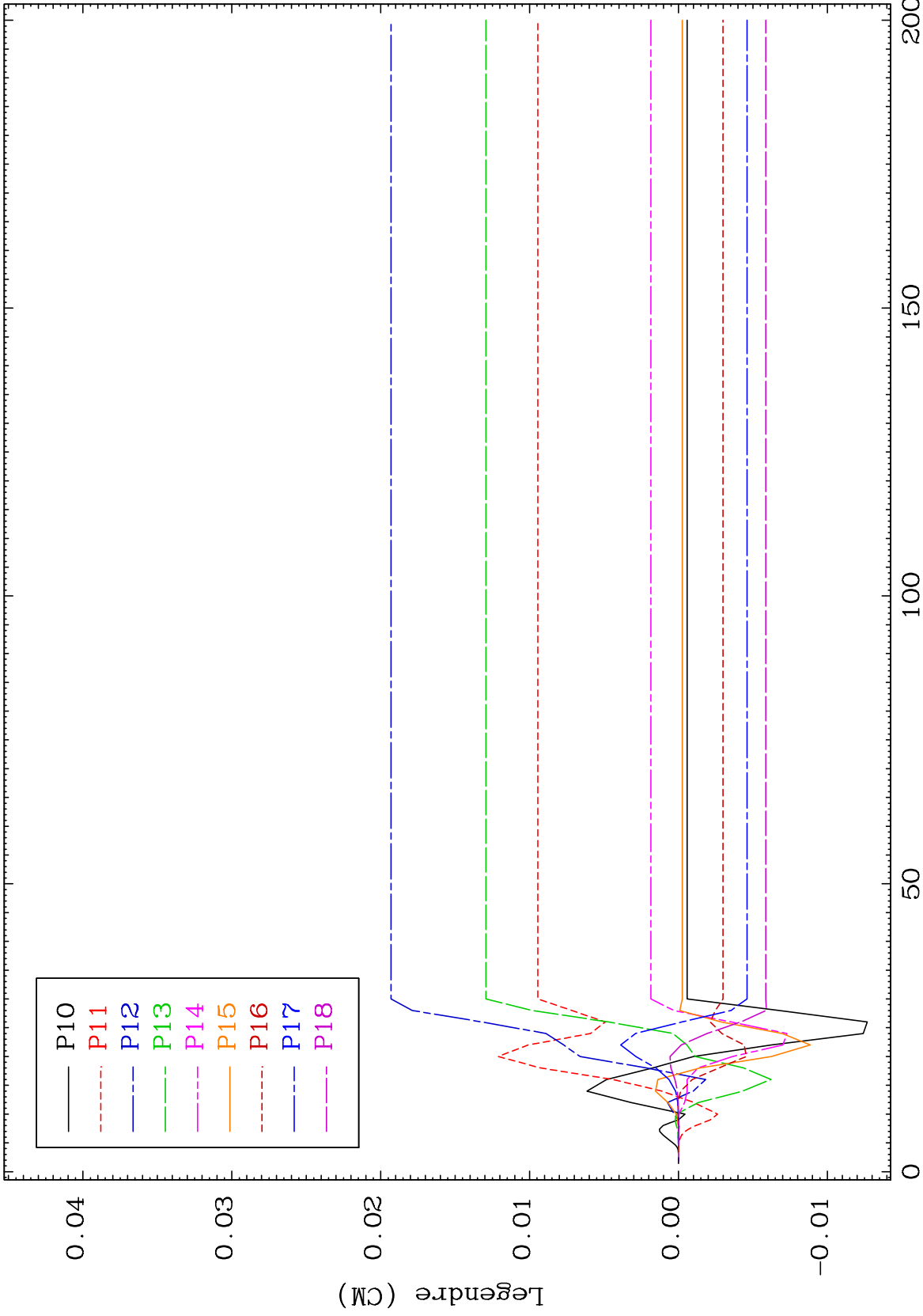


19 71-Lu-171

MAT 7113

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

71-Lu-171



0

50

100

150

200

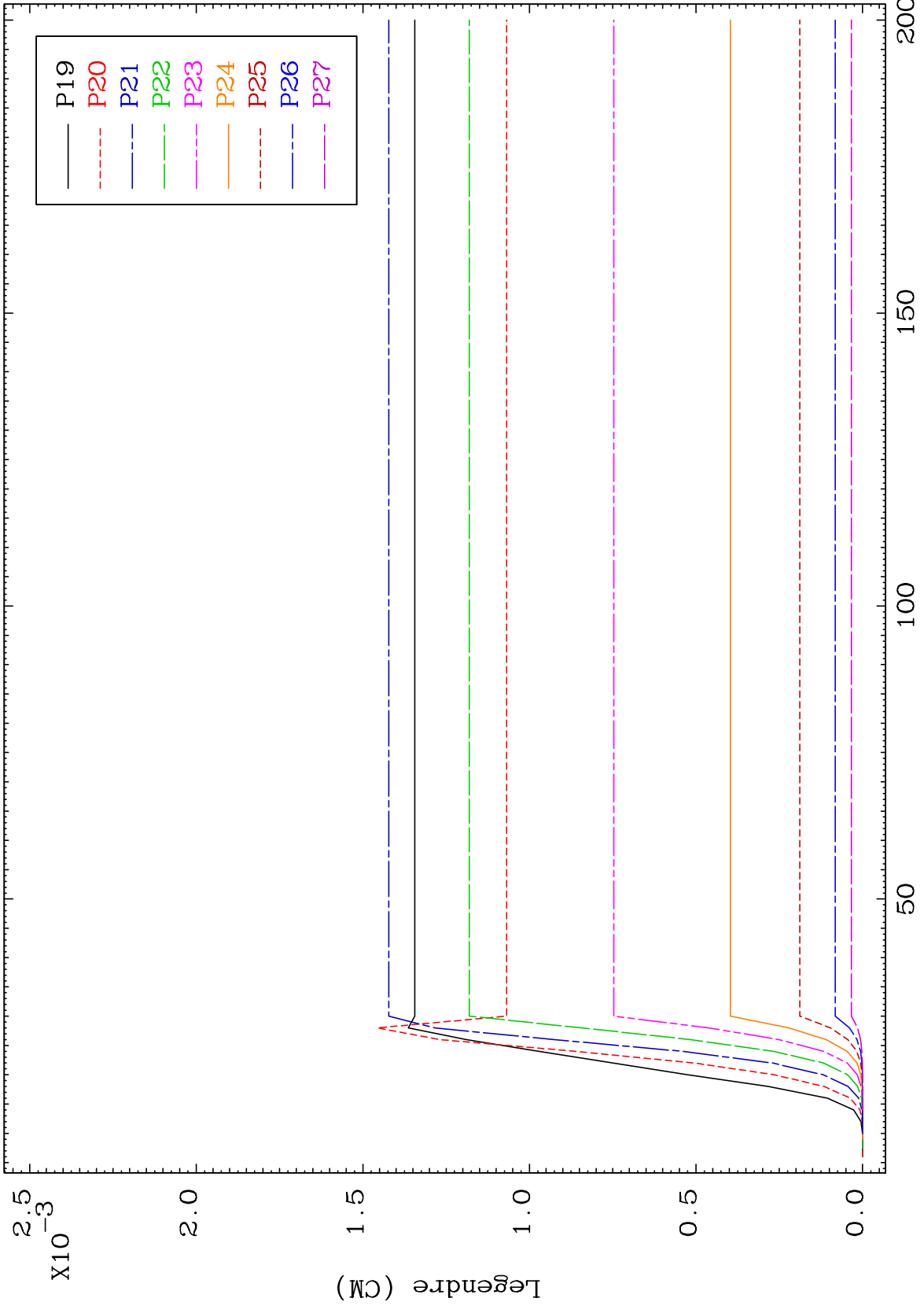
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



21

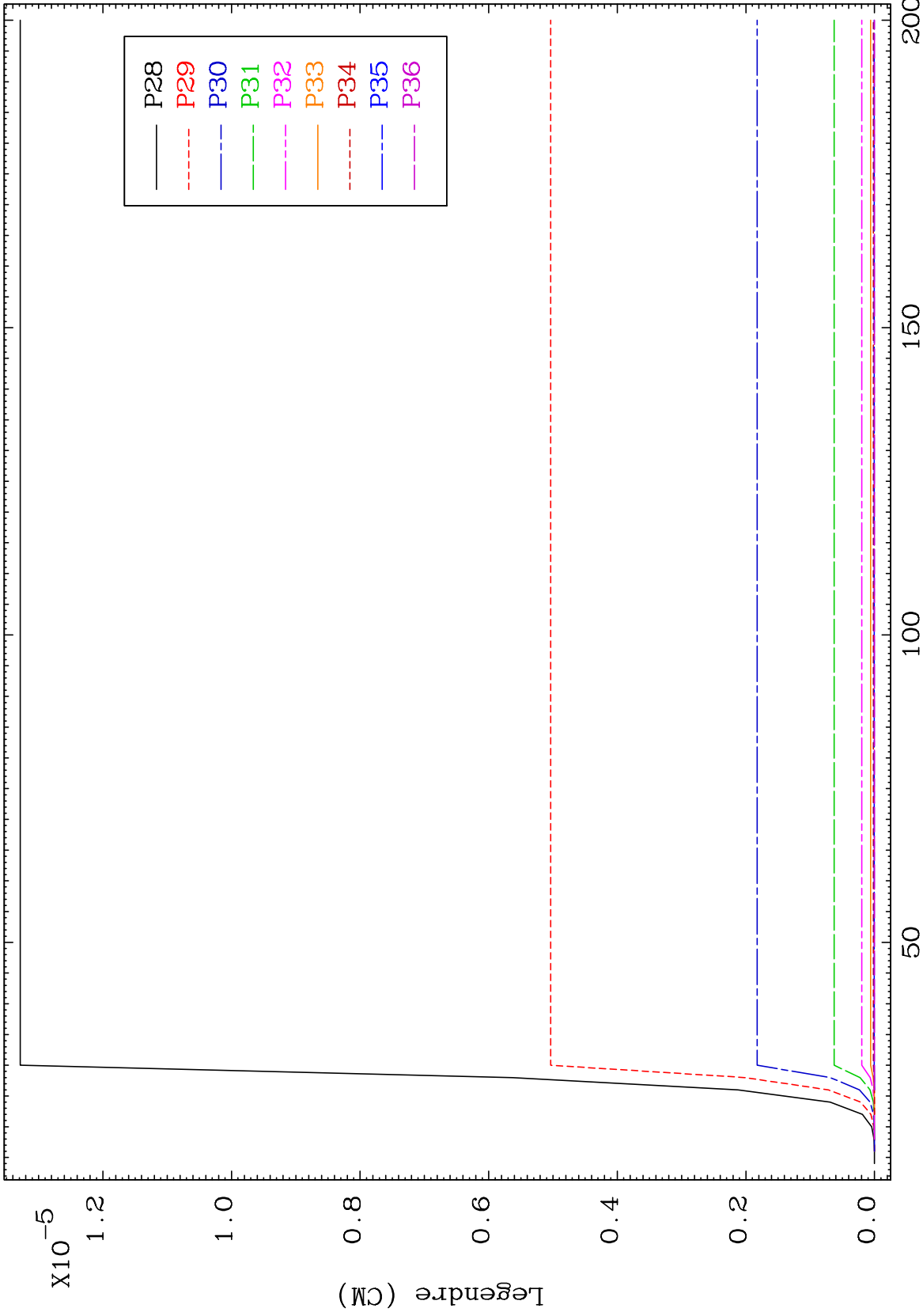
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

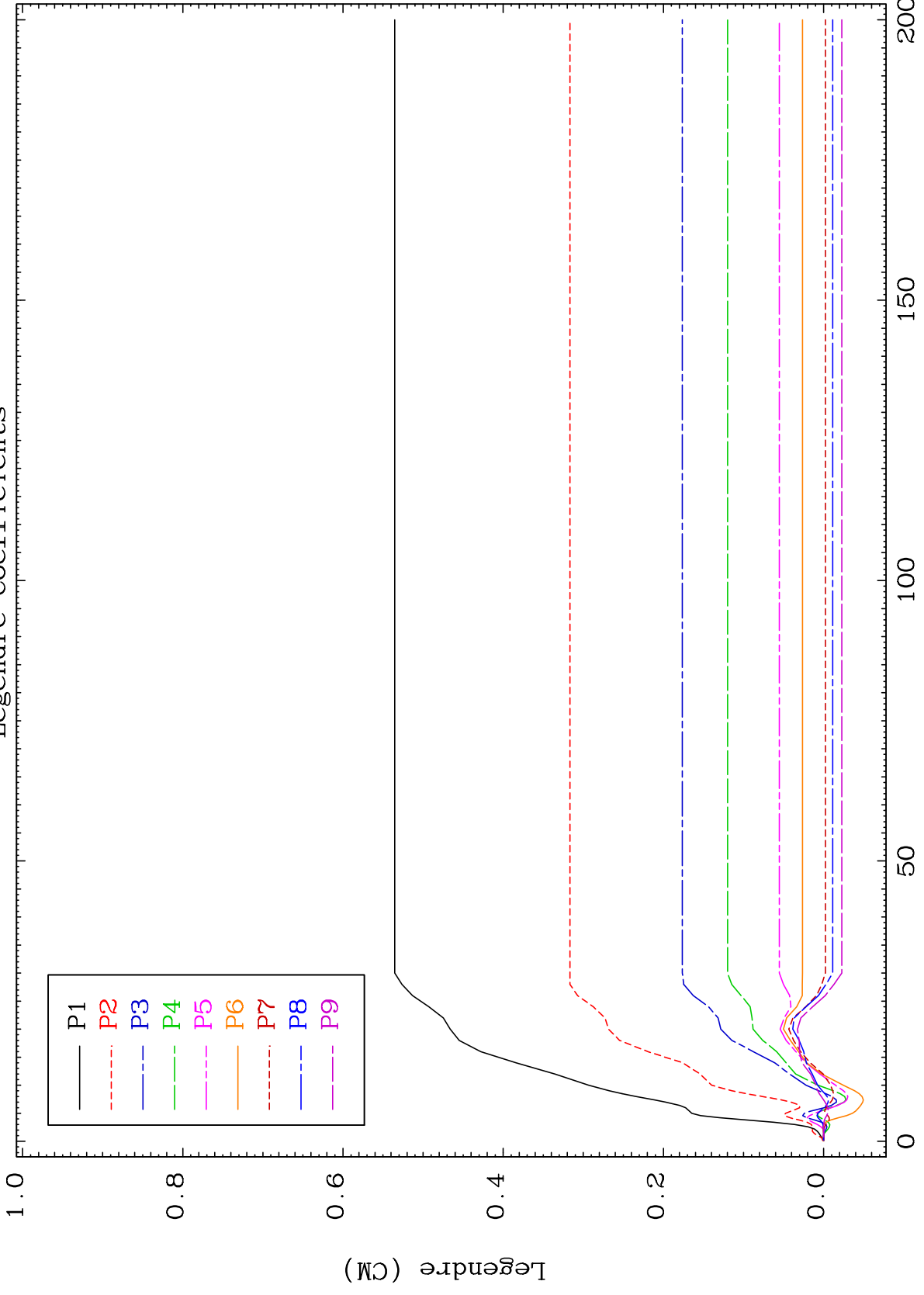
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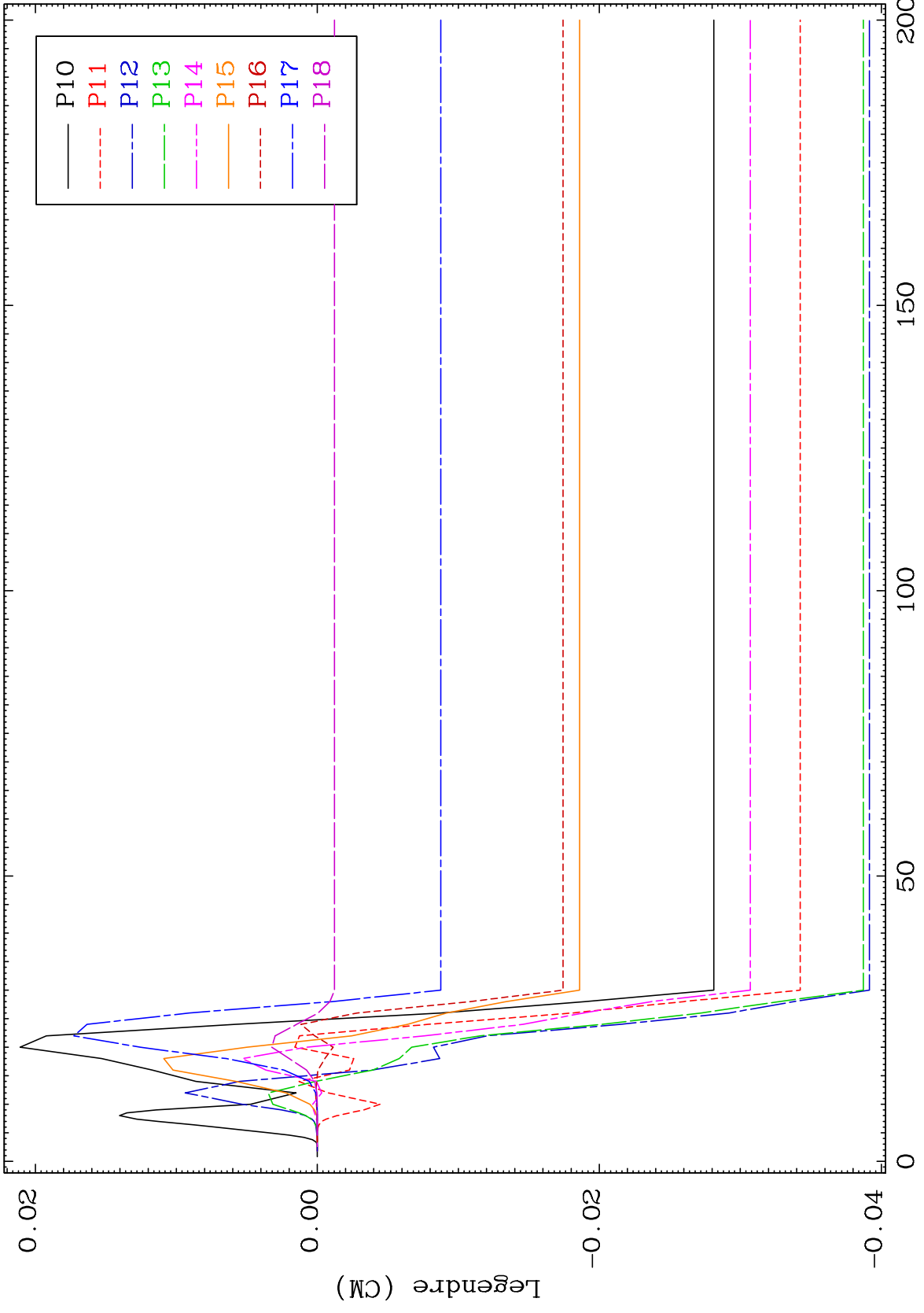
71-Lu-171

MAT 7113 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-171



23 71-Lu-171

MAT 7113 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-171

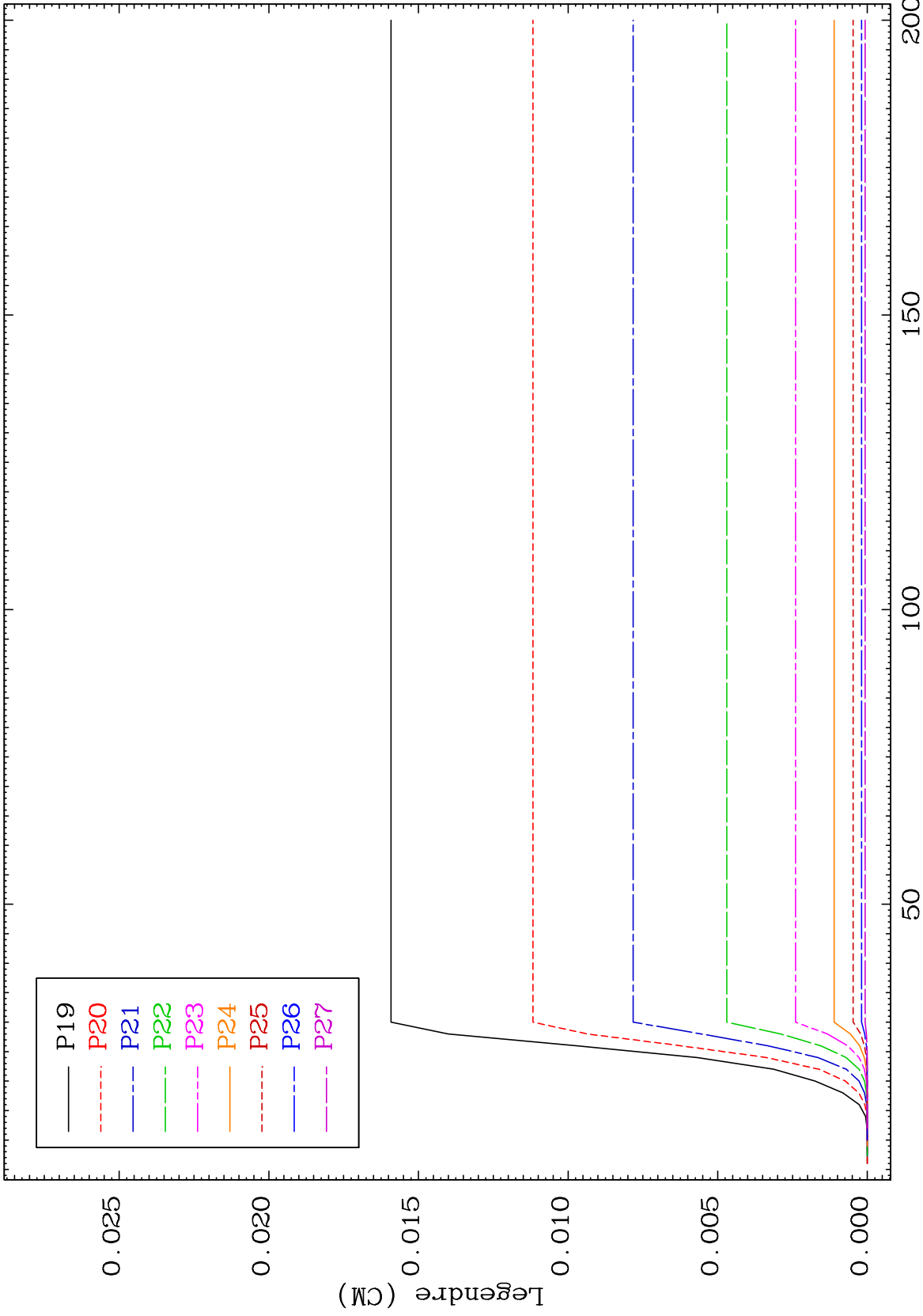


24 71-Lu-171

MAT 7113

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

71-Lu-171



25

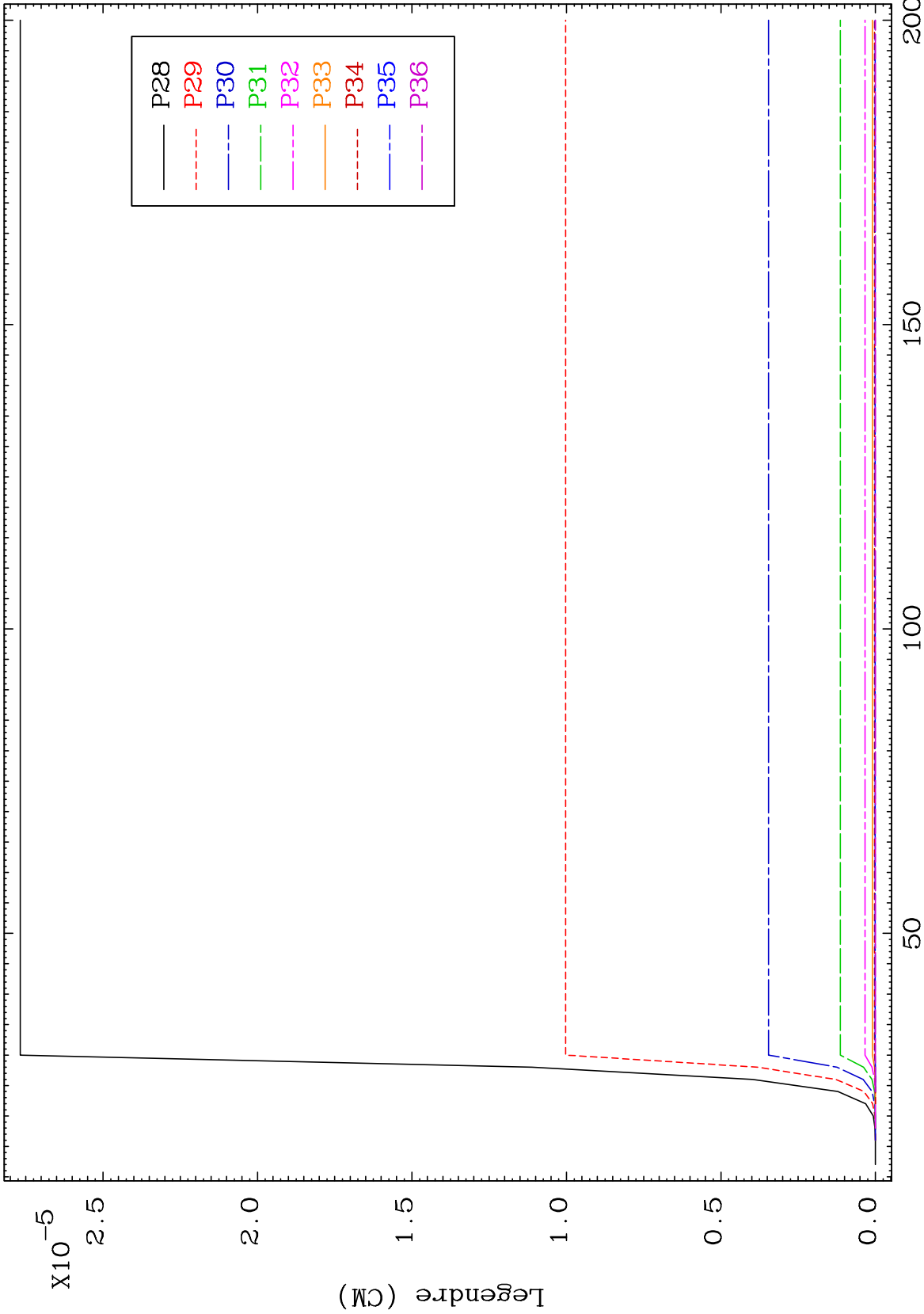
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



26

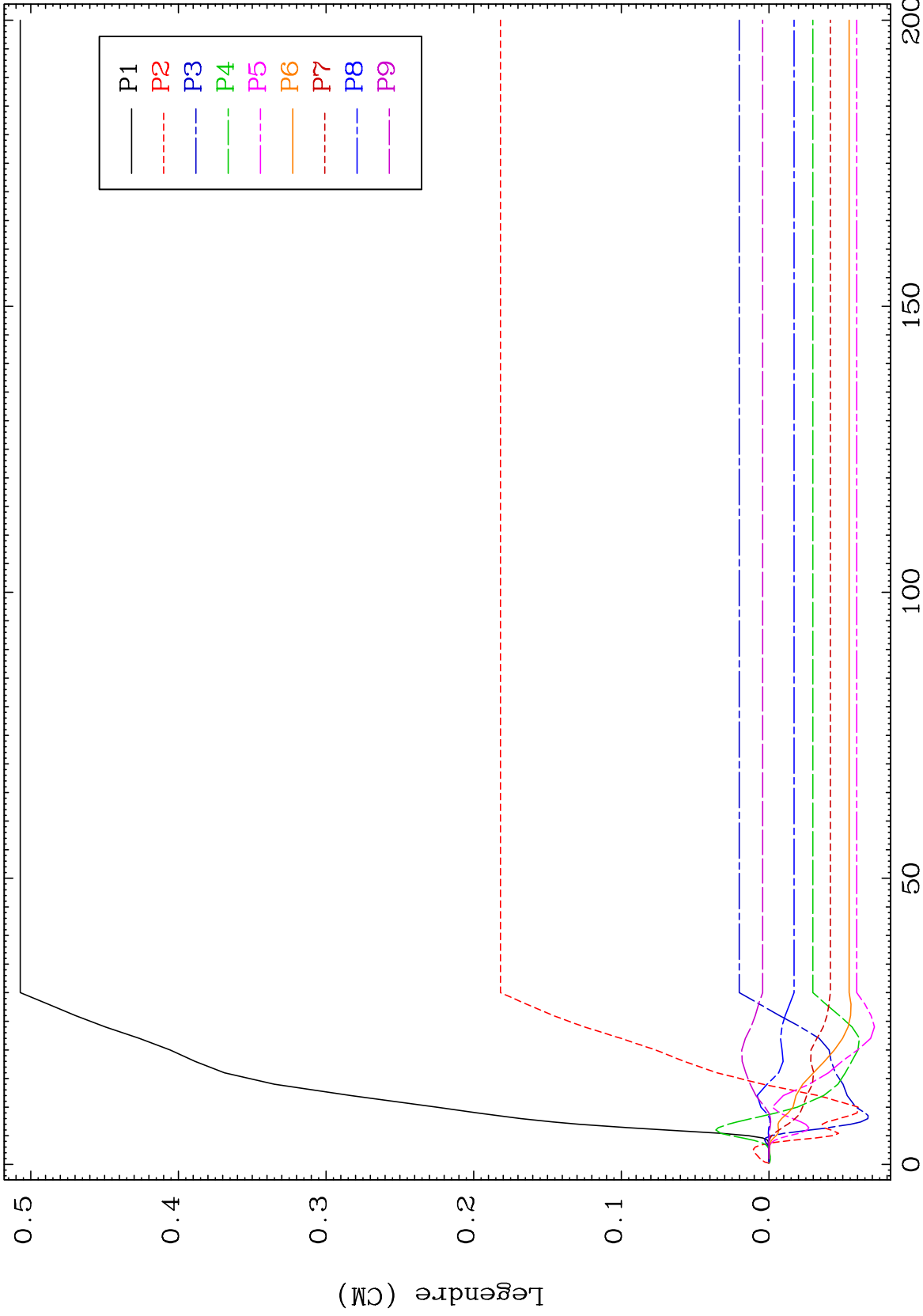
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



27

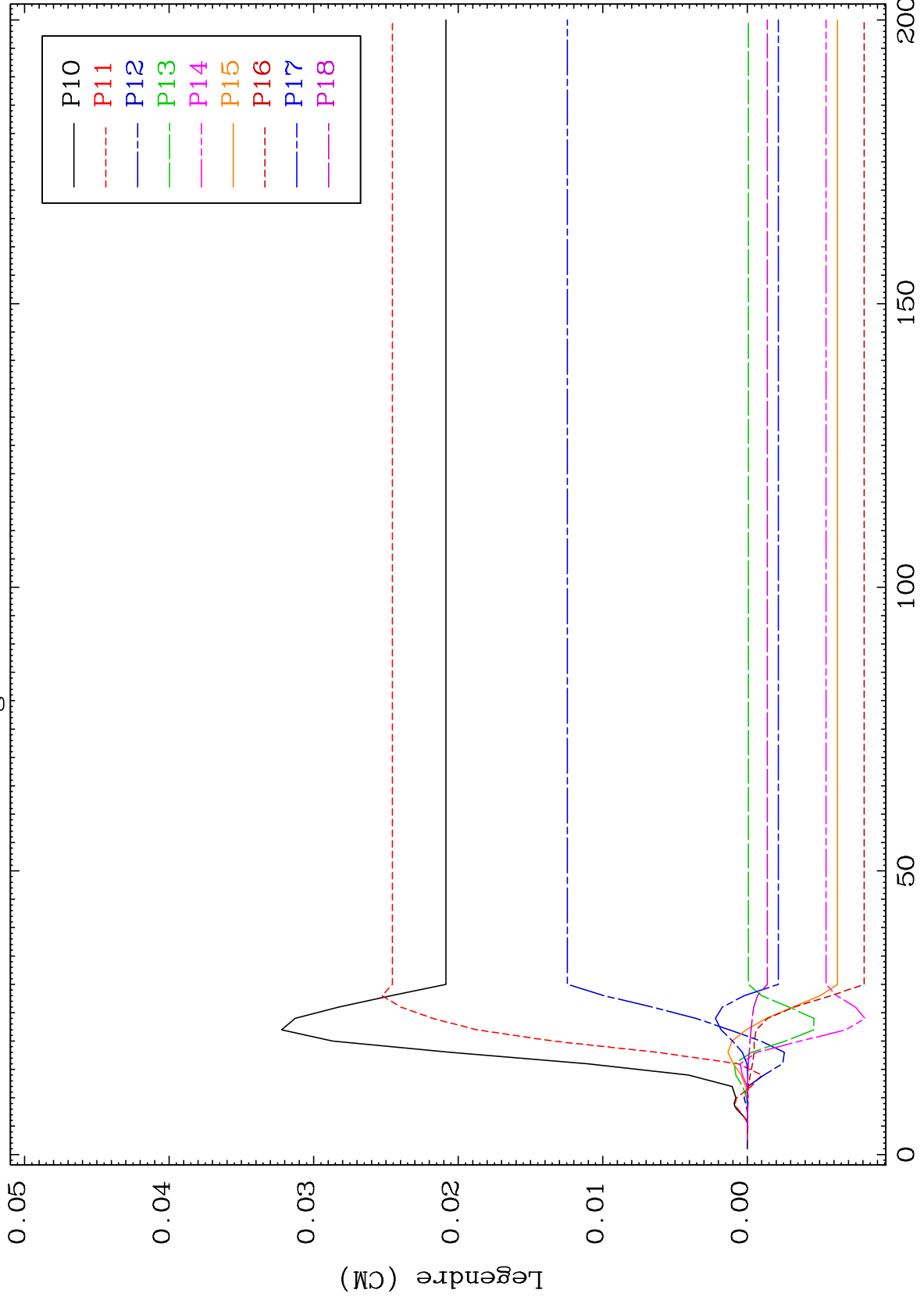
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



28

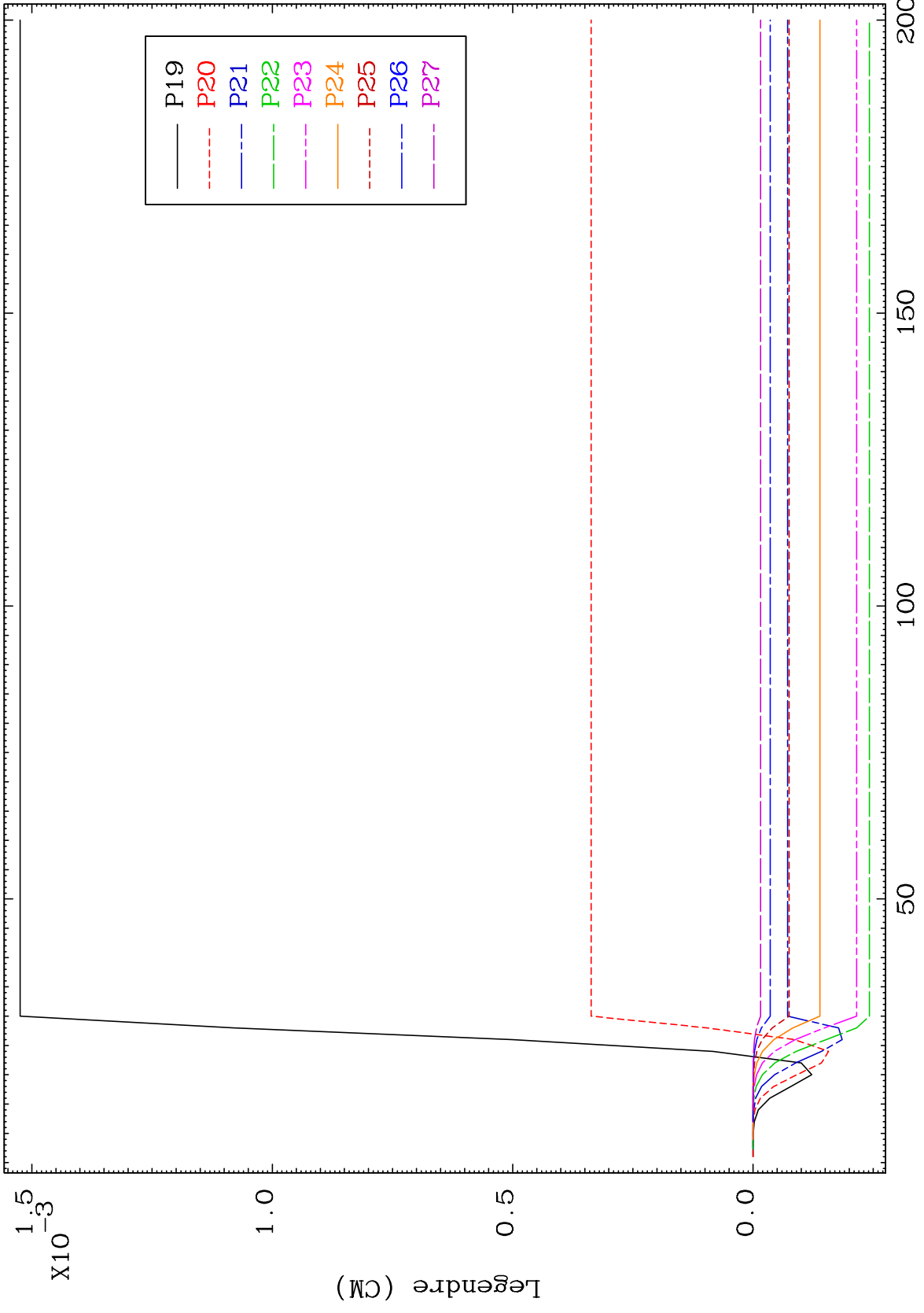
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

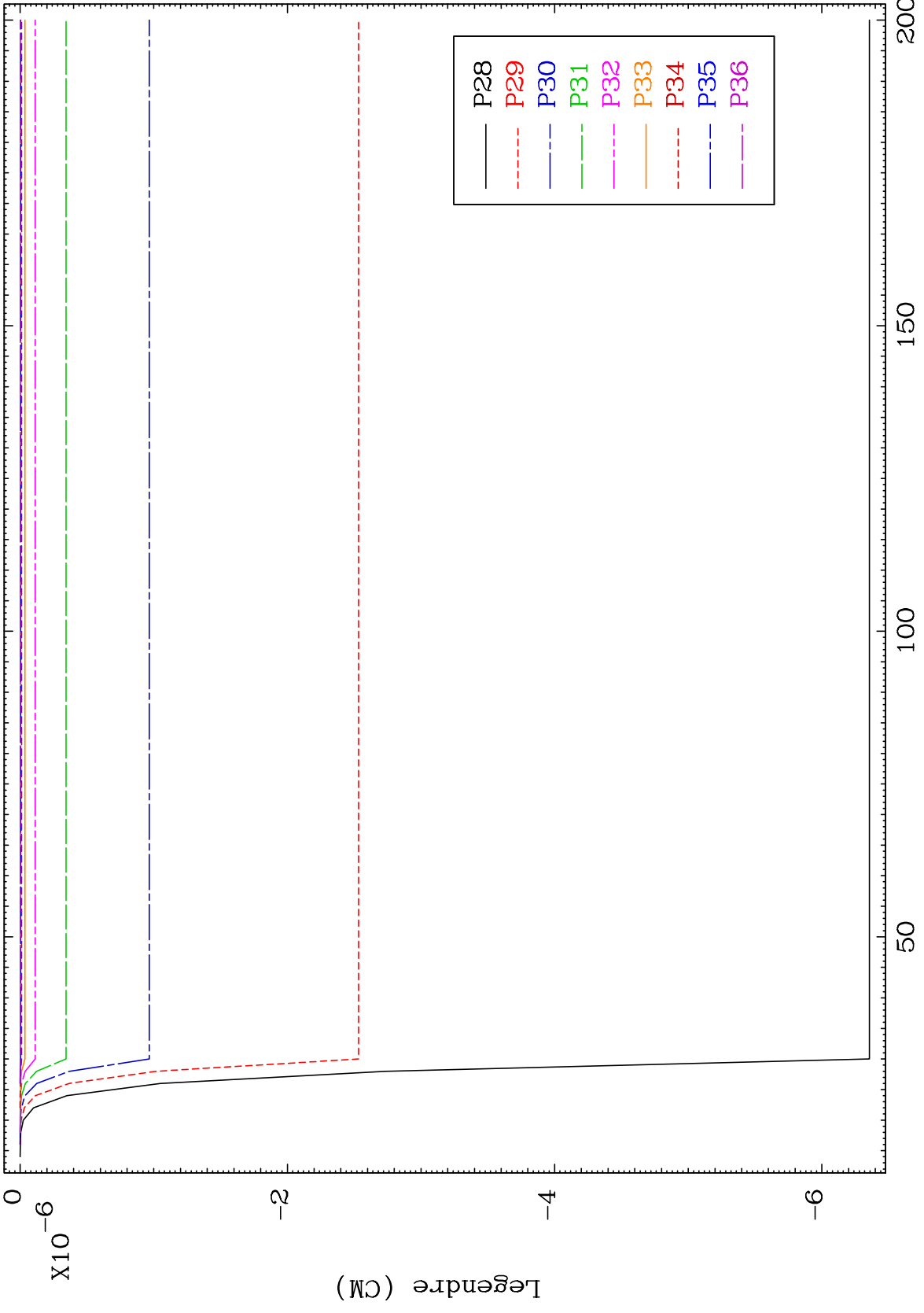
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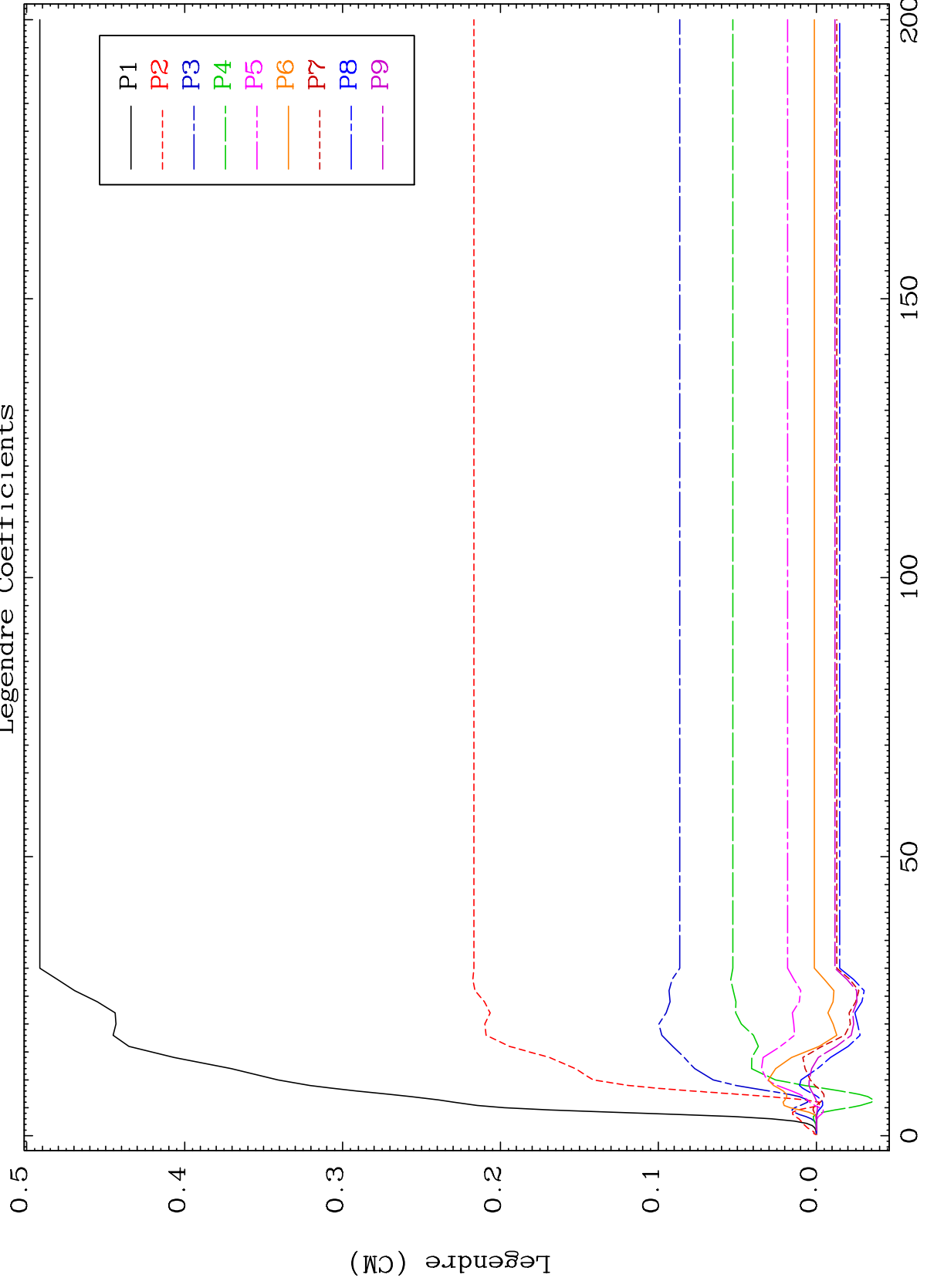
71-Lu-171

MAT 7113 MT= 53 (n,n') Level Legendre Coefficients 71-Lu-171



30 50 100 150 200 71-Lu-171

MAT 7113 MT= 54 (n,n') Level Legendre Coefficients 71-Lu-171

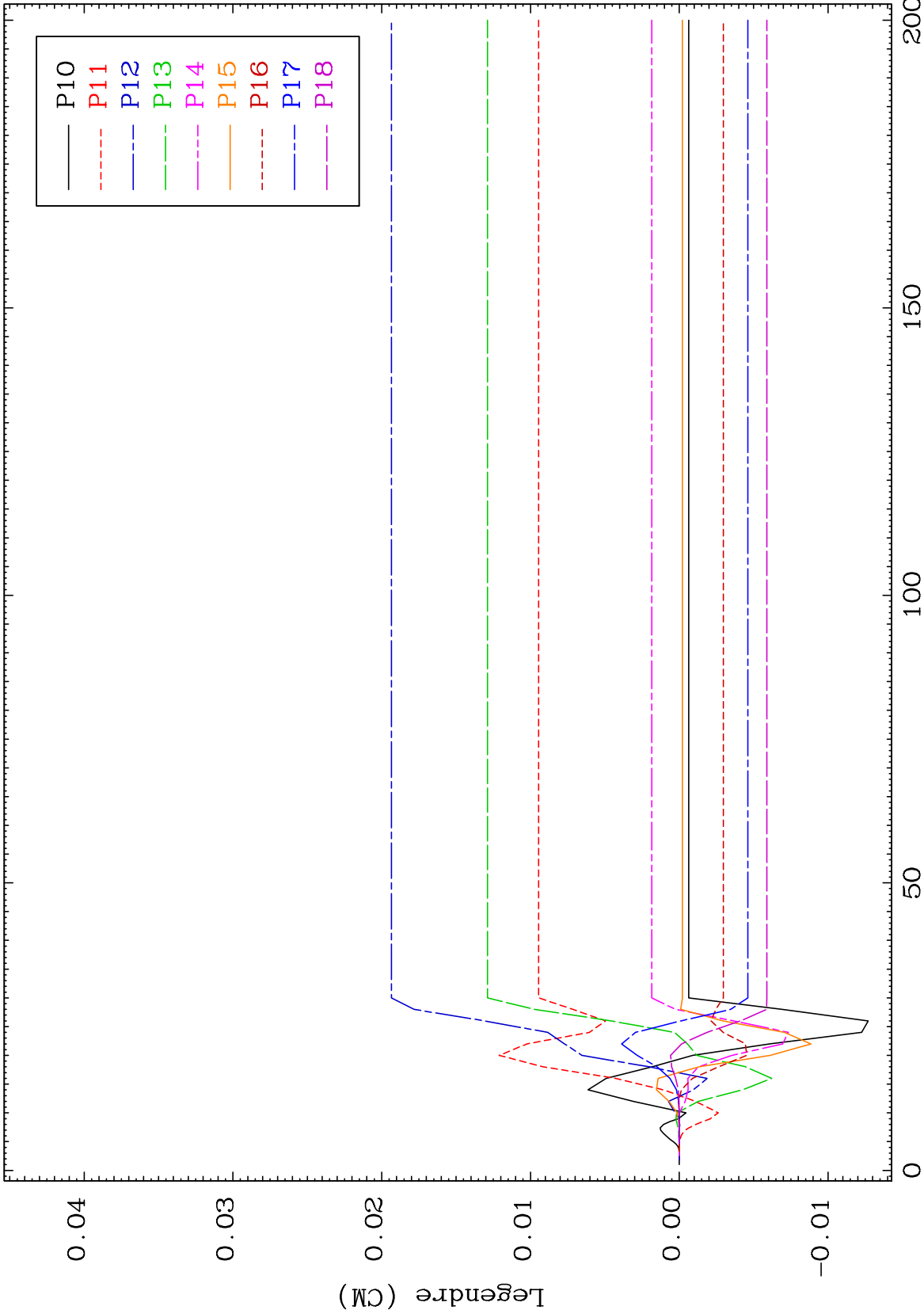


31 71-Lu-171

MAT 7113

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

71-Lu-171



32

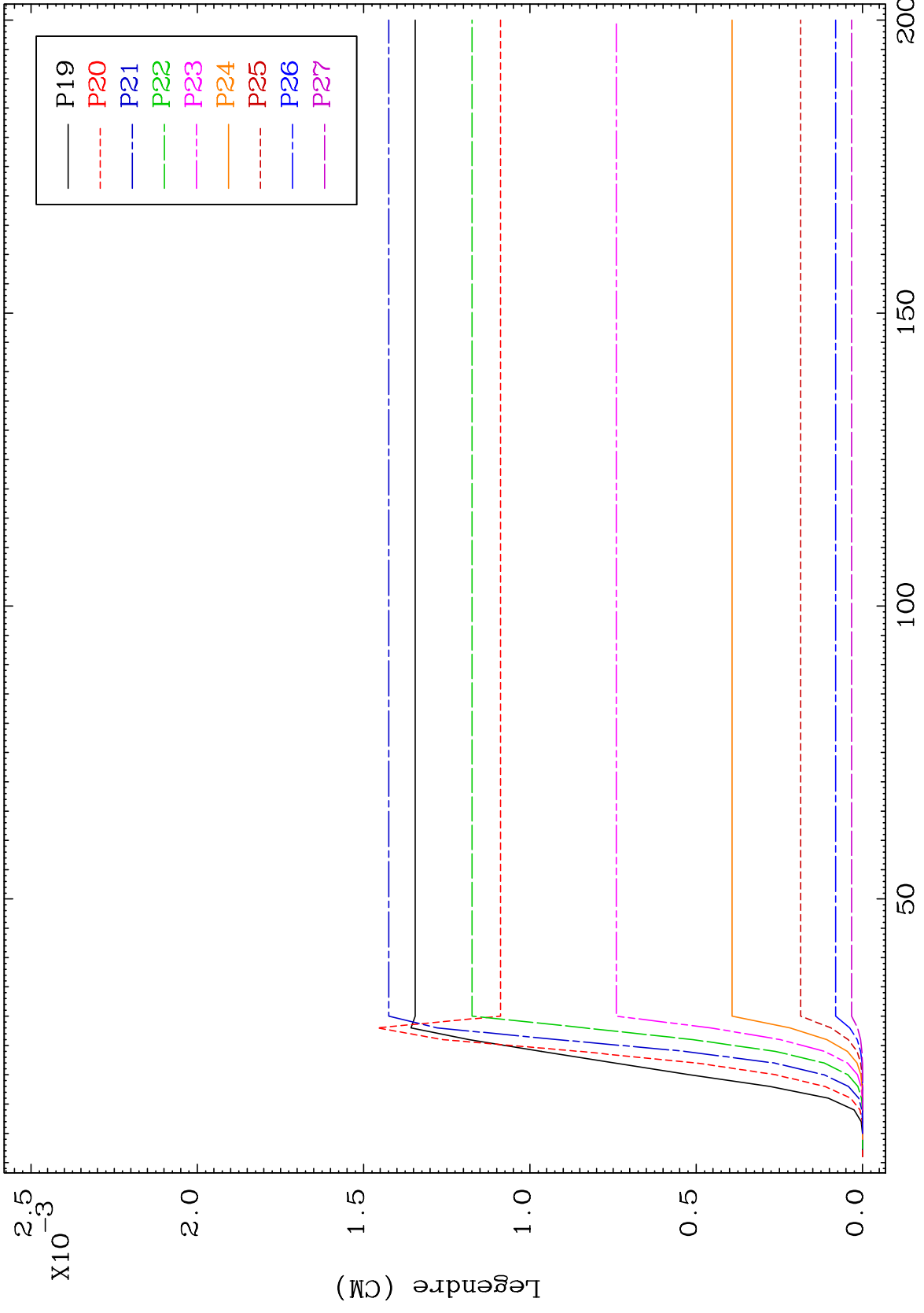
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



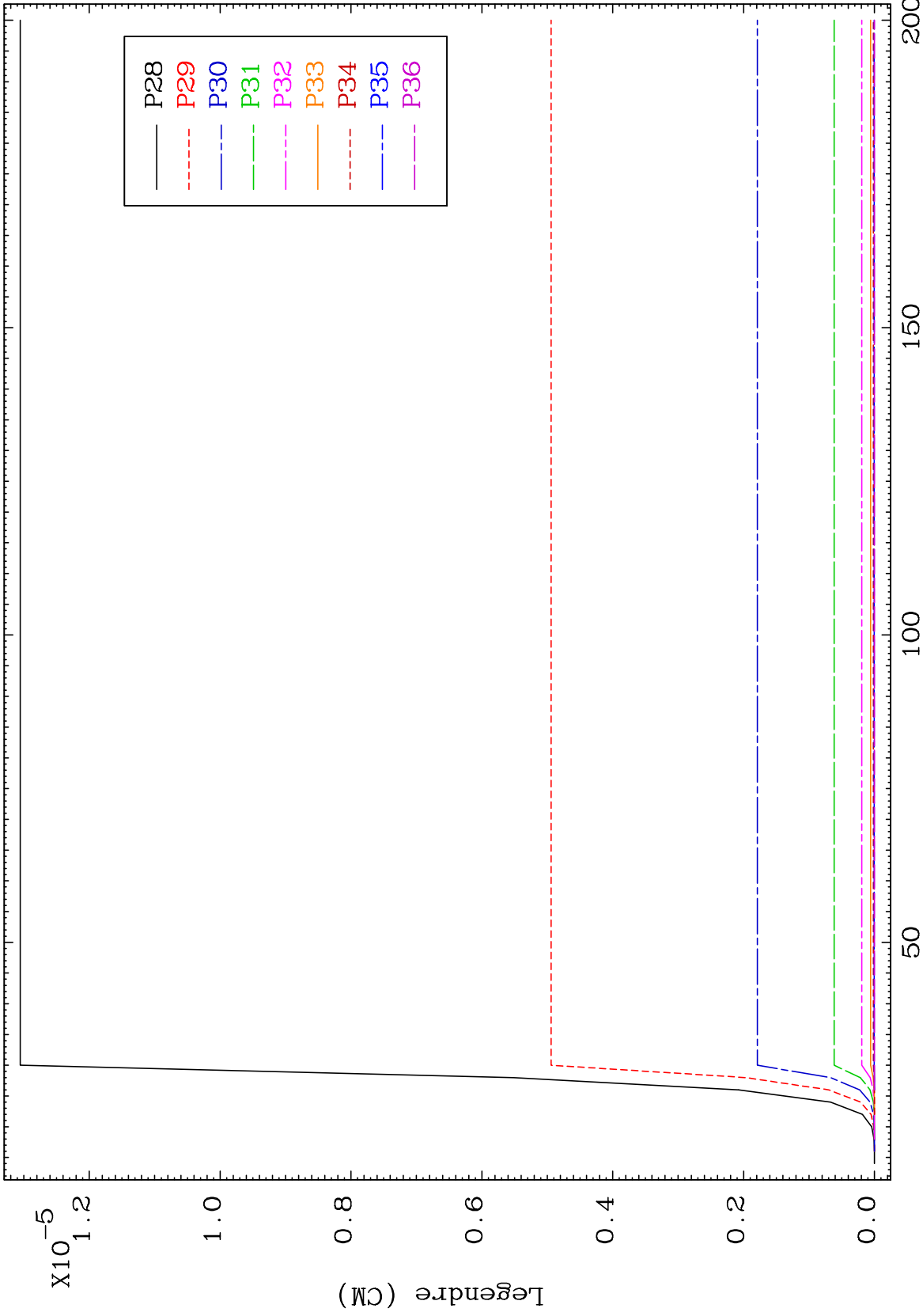
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71-Lu-171

MAT 7113

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

71-Lu-171



34

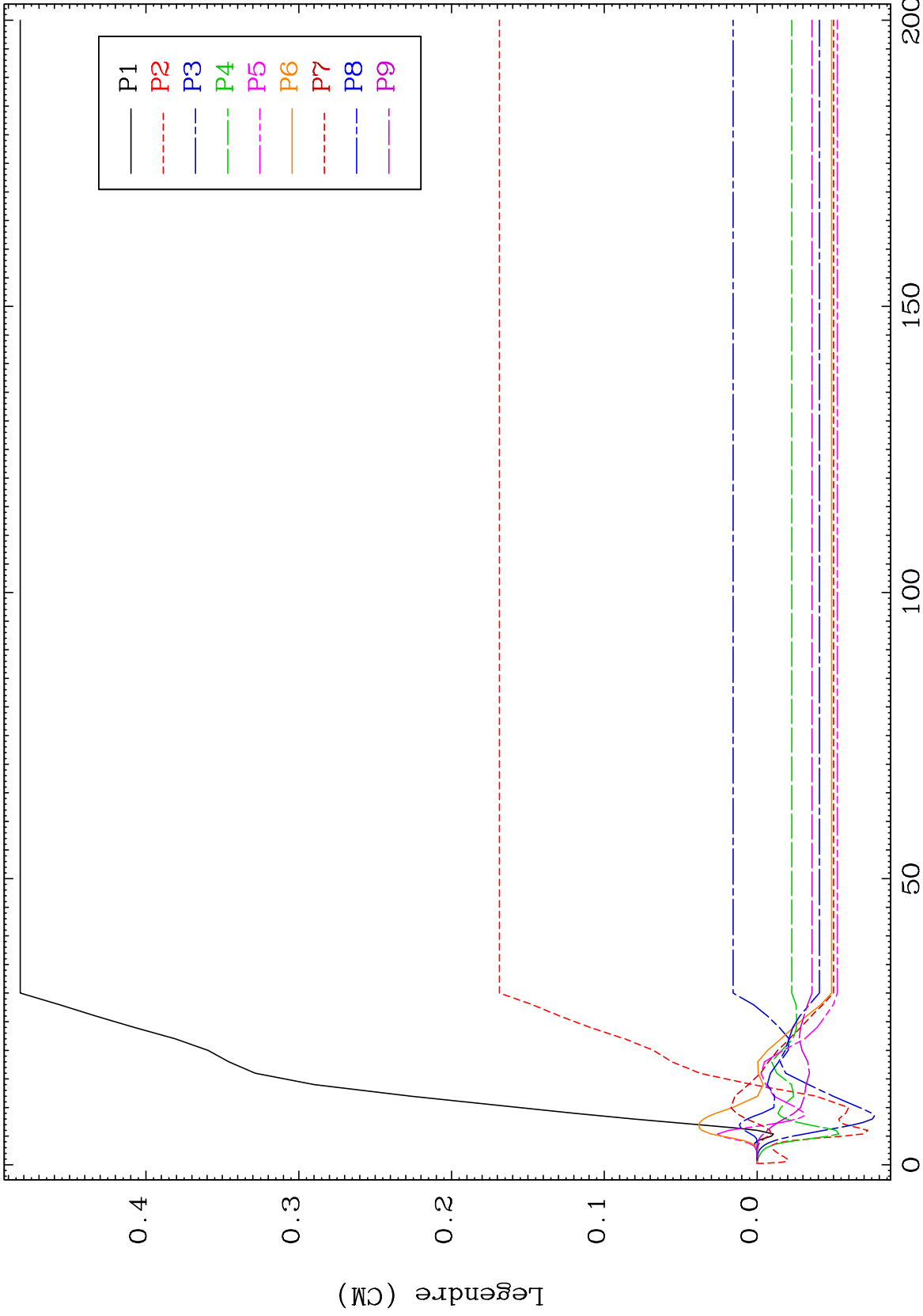
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

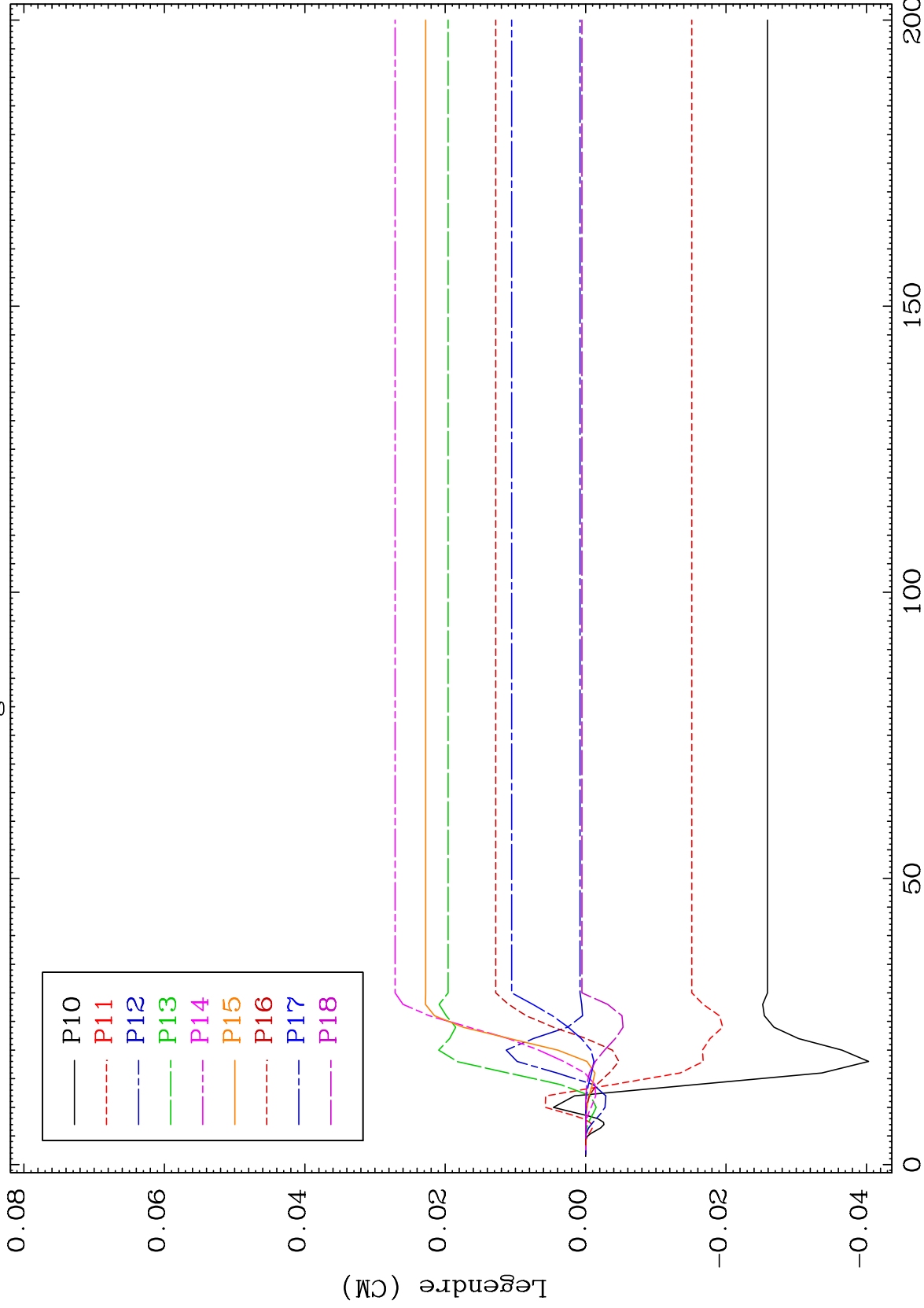
Incident Energy (MeV)

35

MAT 7113

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

71-Lu-171



36

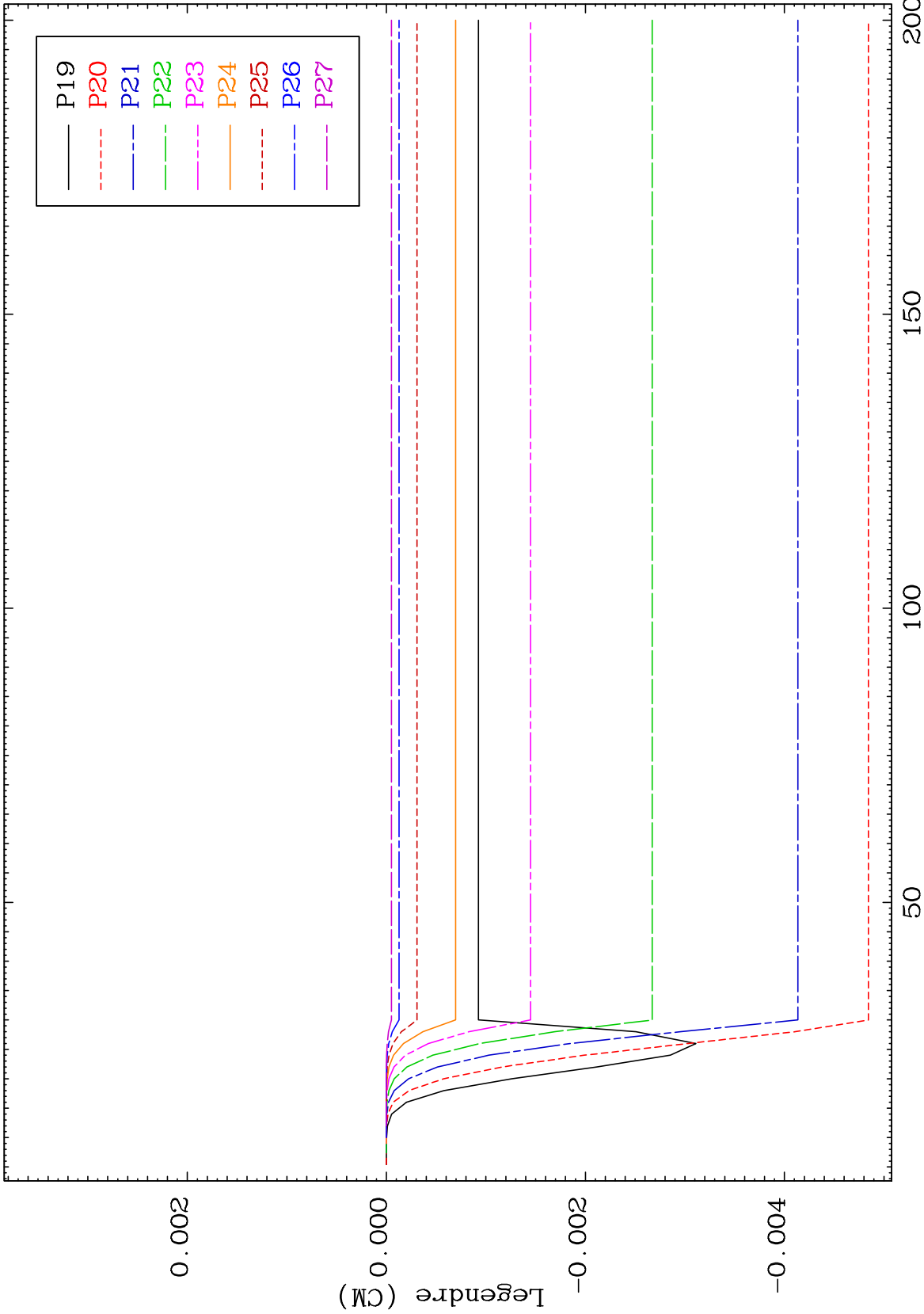
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



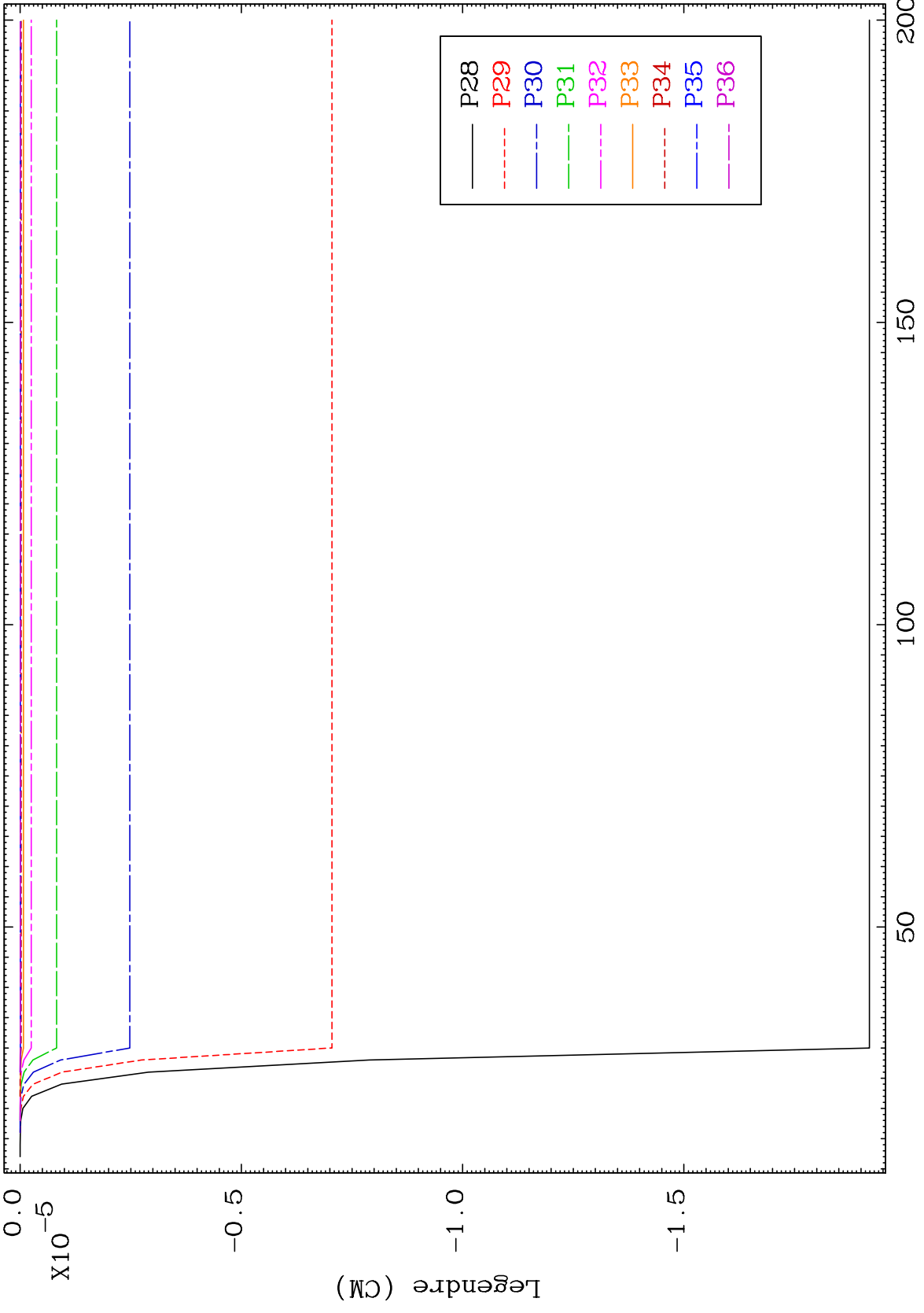
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Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 55 (n,n') Level 71-Lu-171

Legendre Coefficients

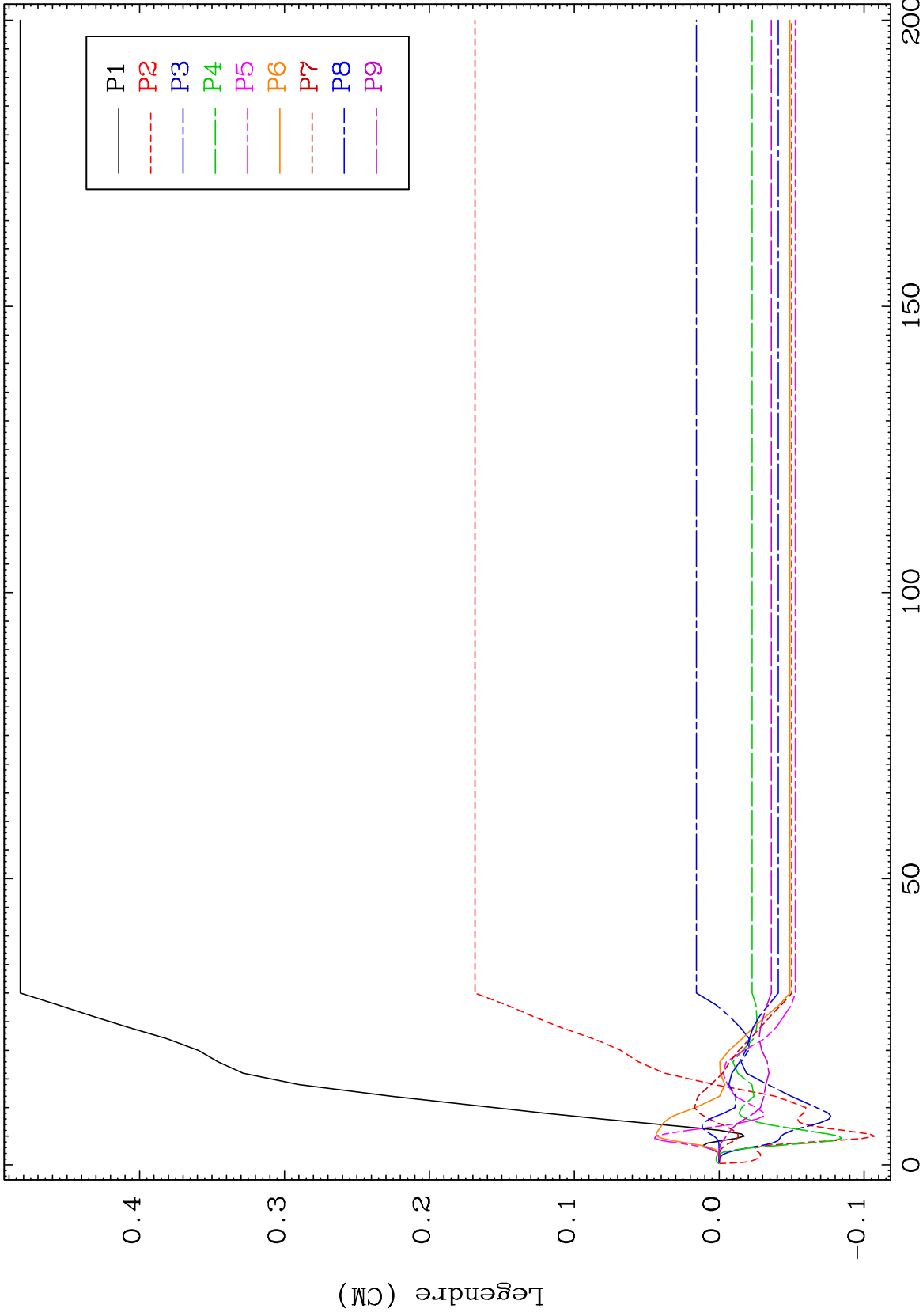


38 71-Lu-171

MAT 7113

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

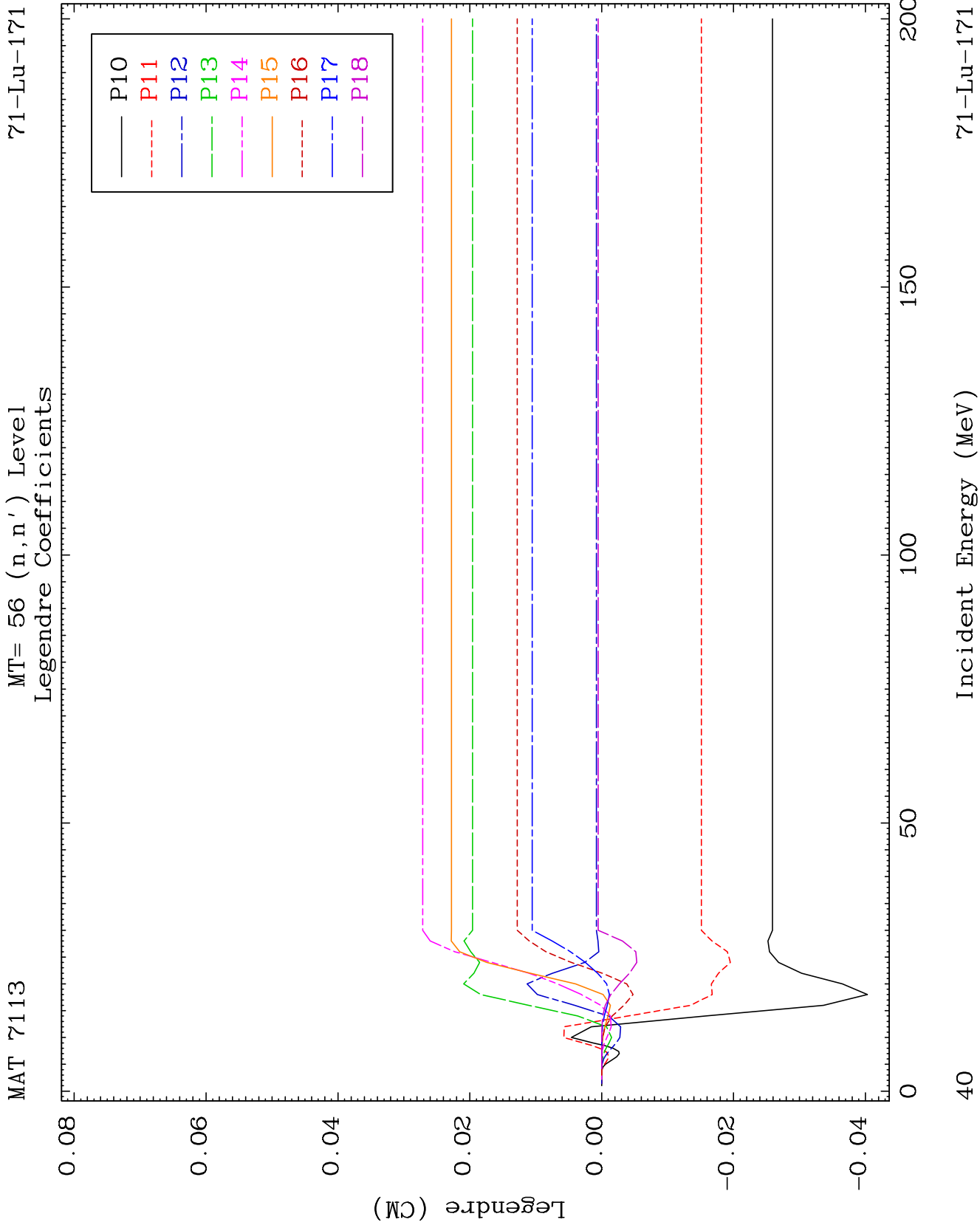
71-Lu-171



39

Incident Energy (MeV)

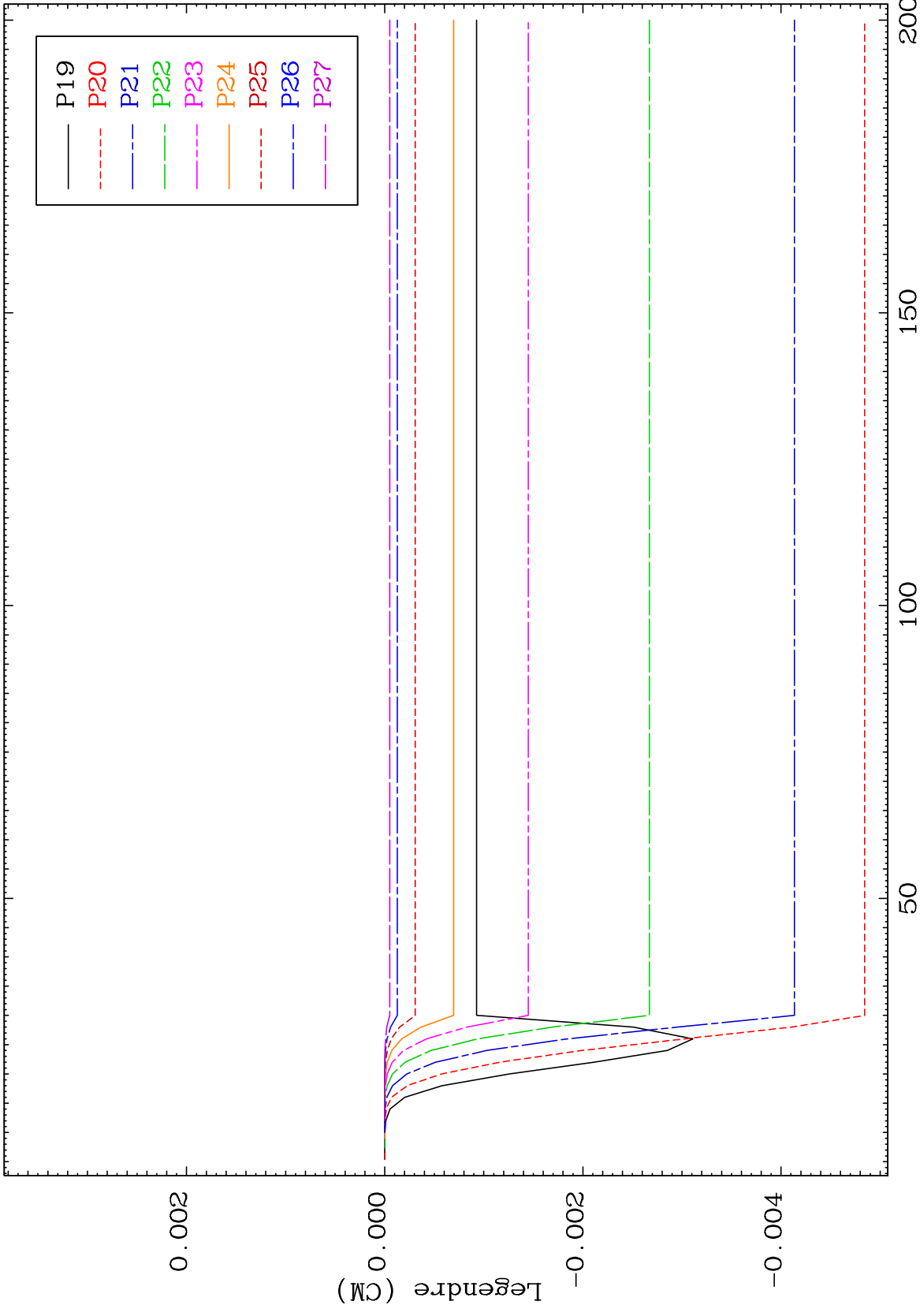
71-Lu-171



MAT 7113

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

71-Lu-171



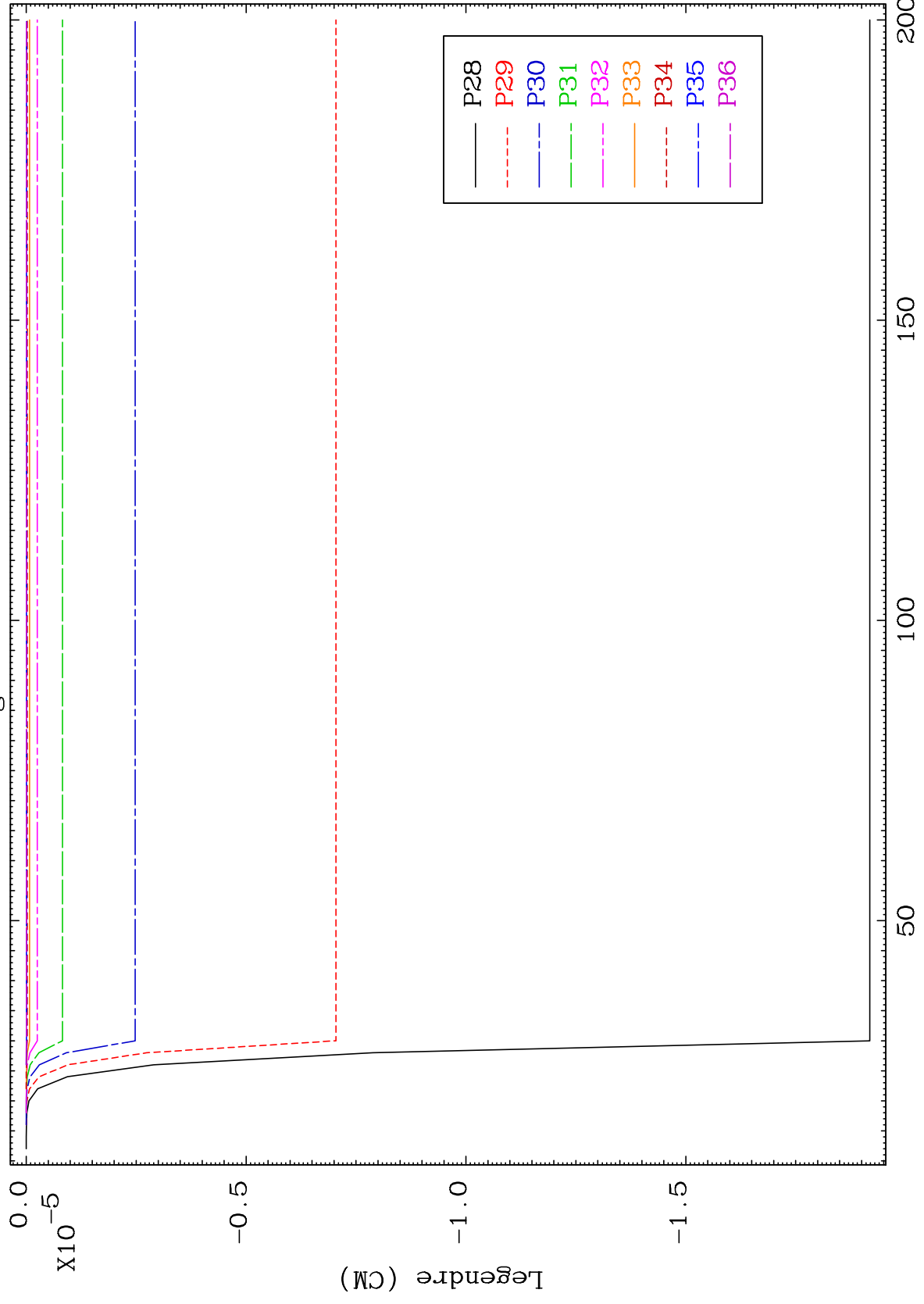
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MAT 7113

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

71-Lu-171

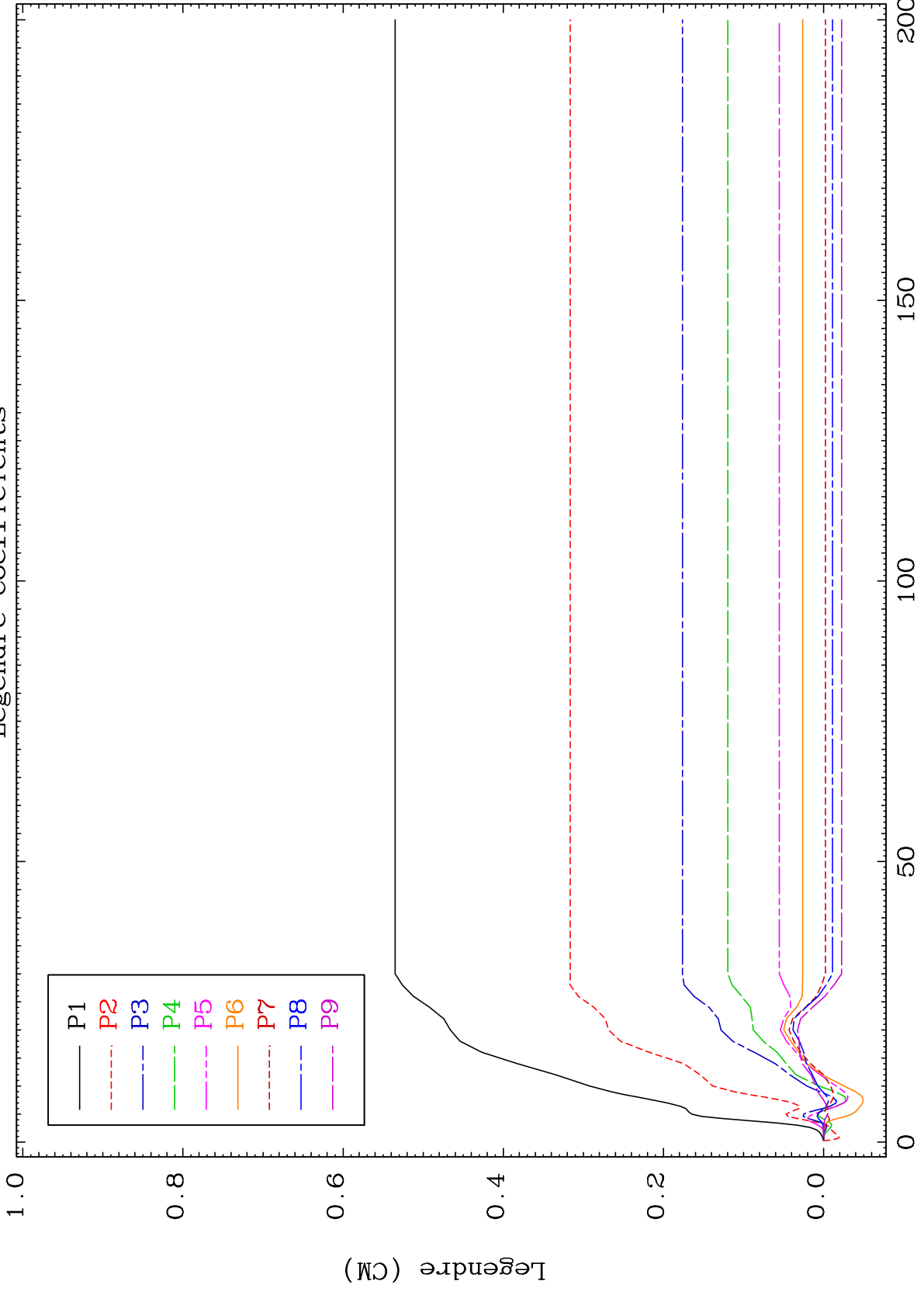


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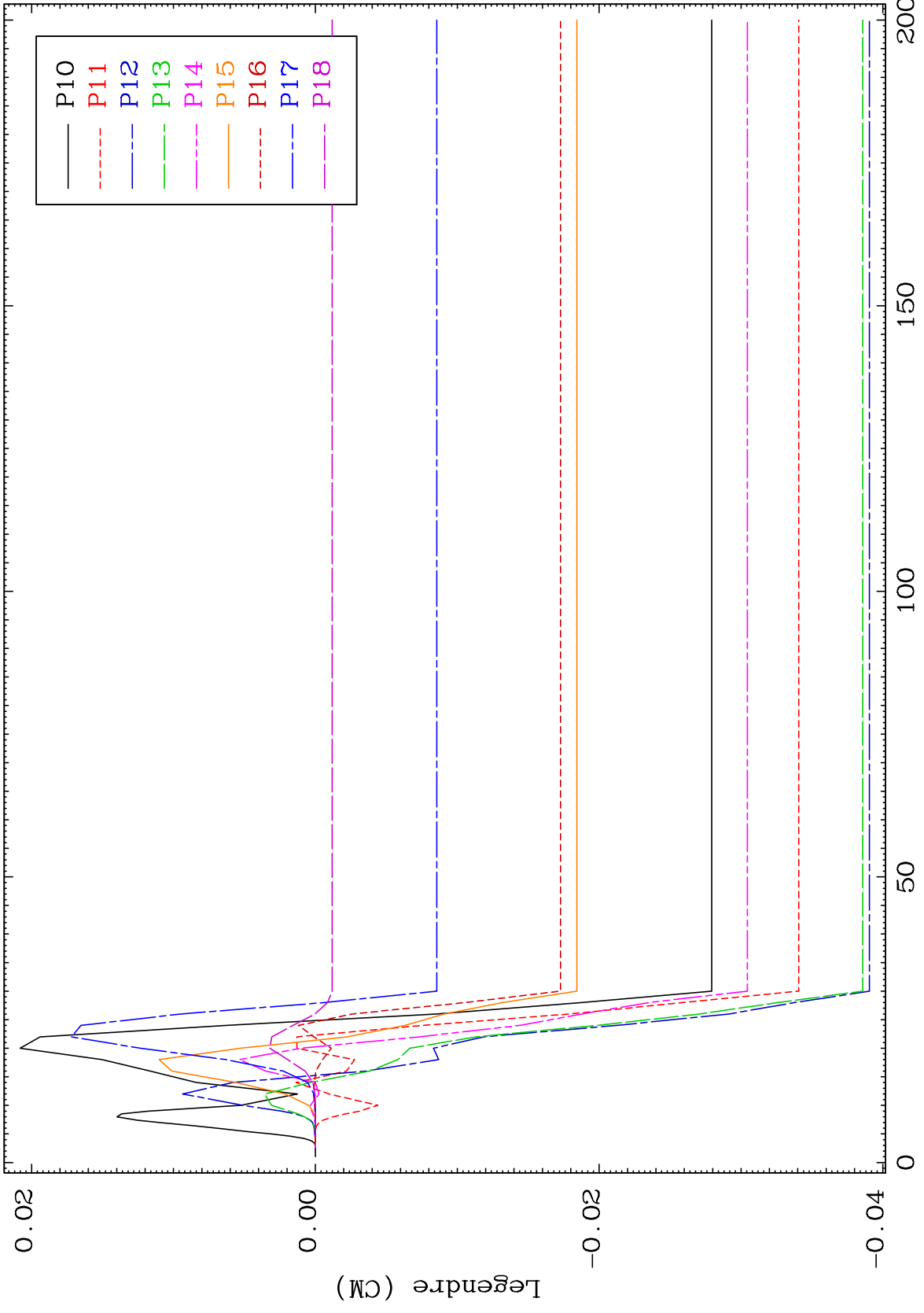
Incident Energy (MeV)

42

MAT 7113 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-171



MAT 7113 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-171

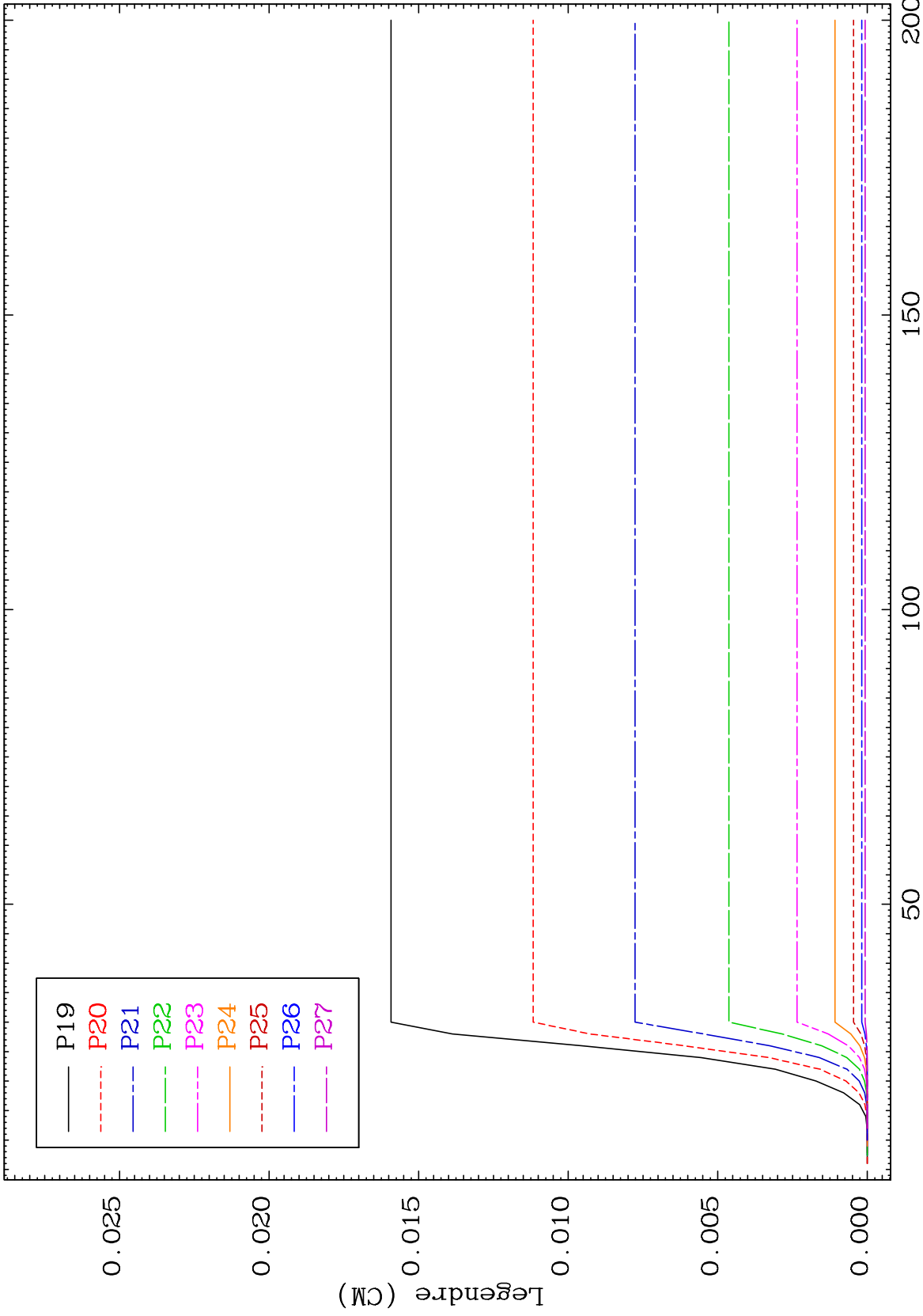


44 71-Lu-171

MAT 7113

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

71-Lu-171



45

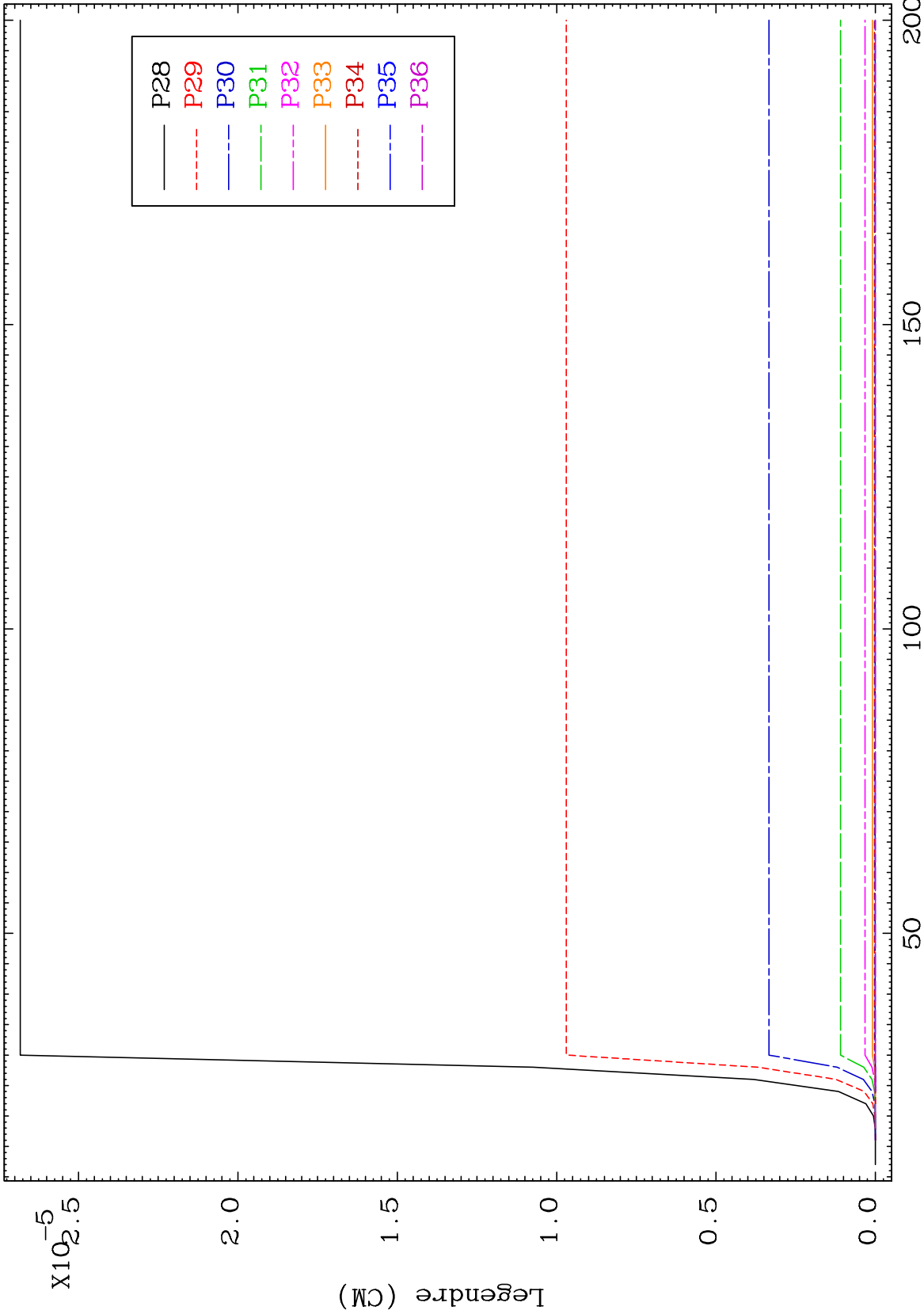
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

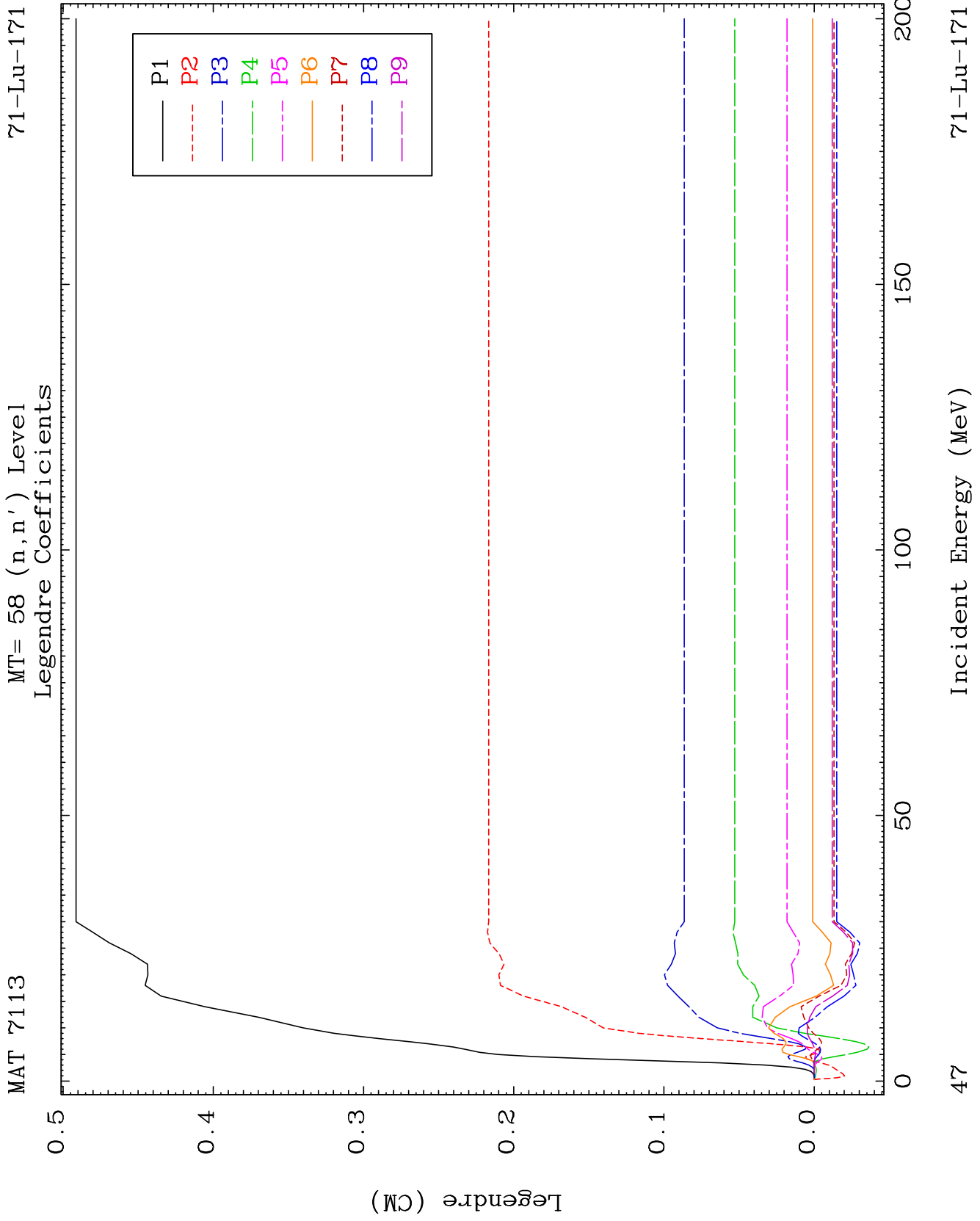
71-Lu-171



46

Incident Energy (MeV)

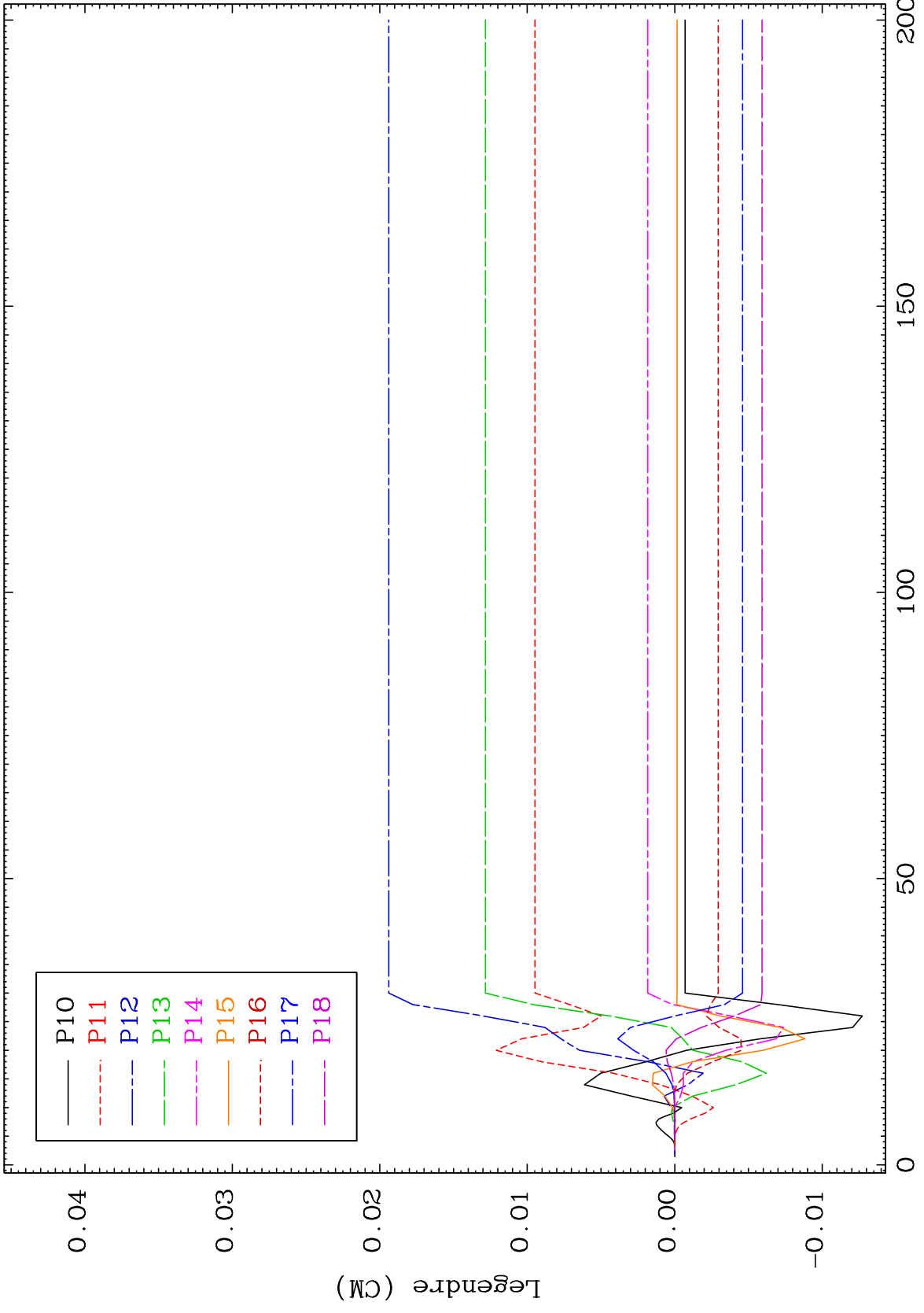
71-Lu-171



MAT 7113

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

71-Lu-171



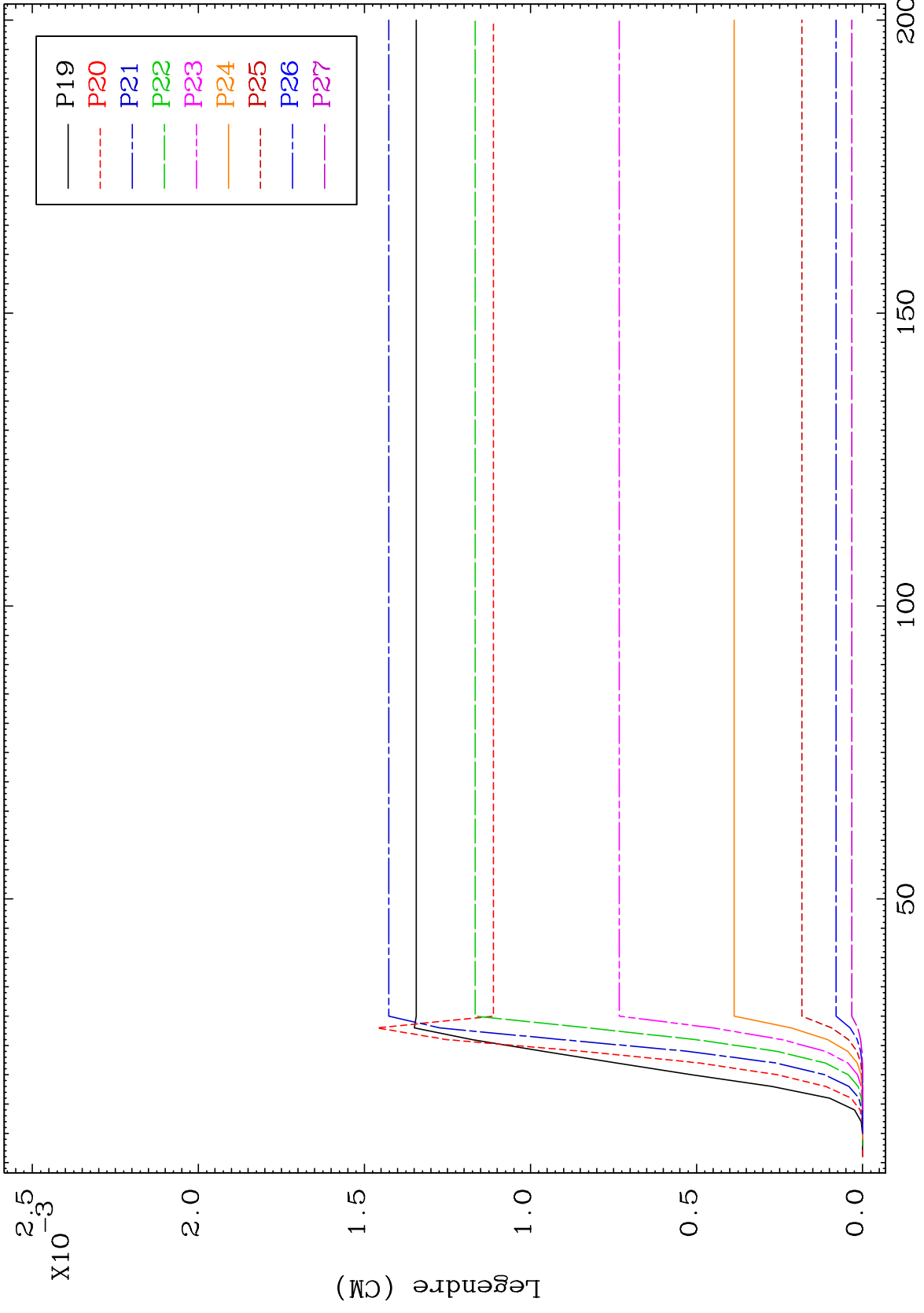
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71-Lu-171

MAT 7113

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

71-Lu-171



49

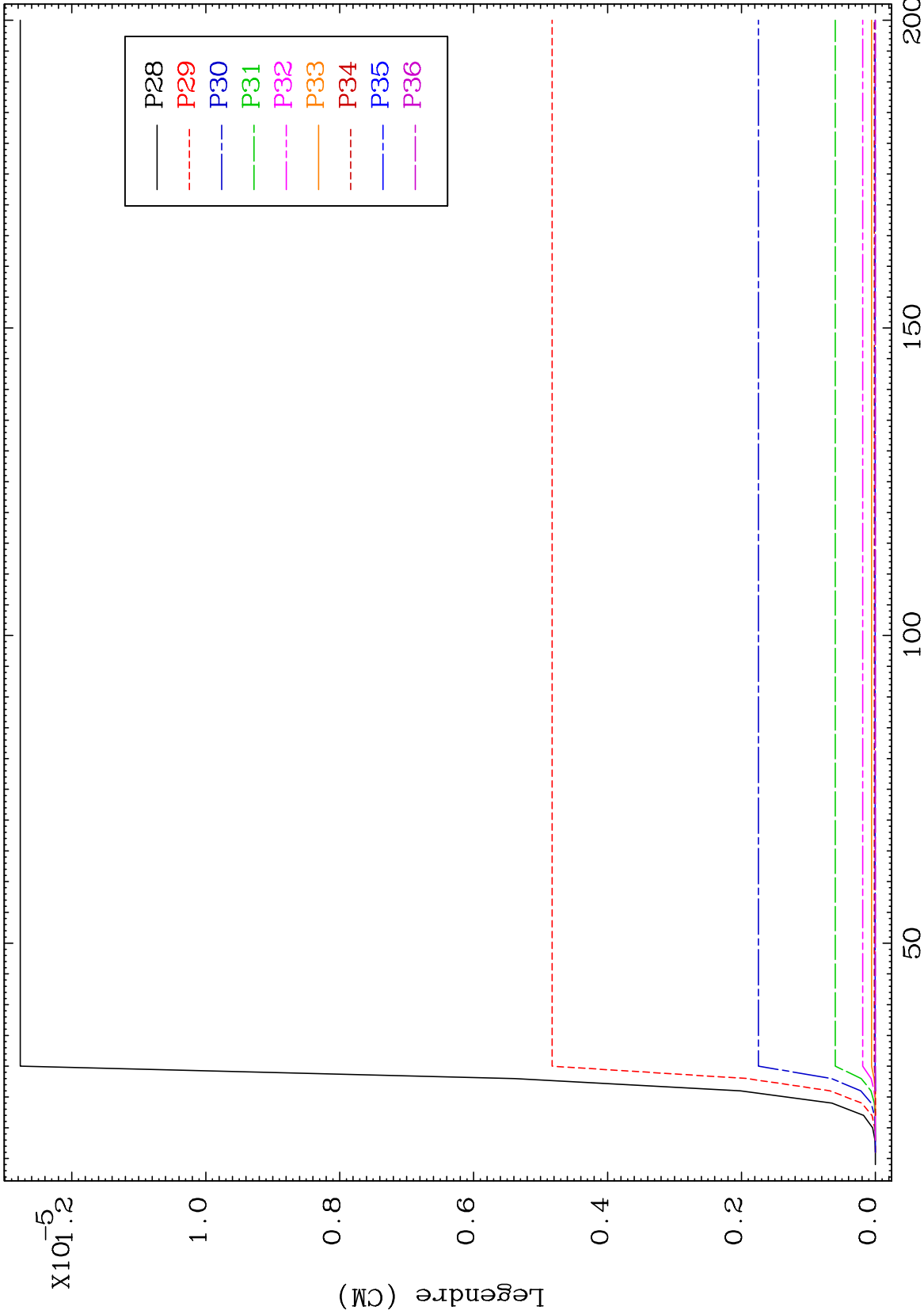
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

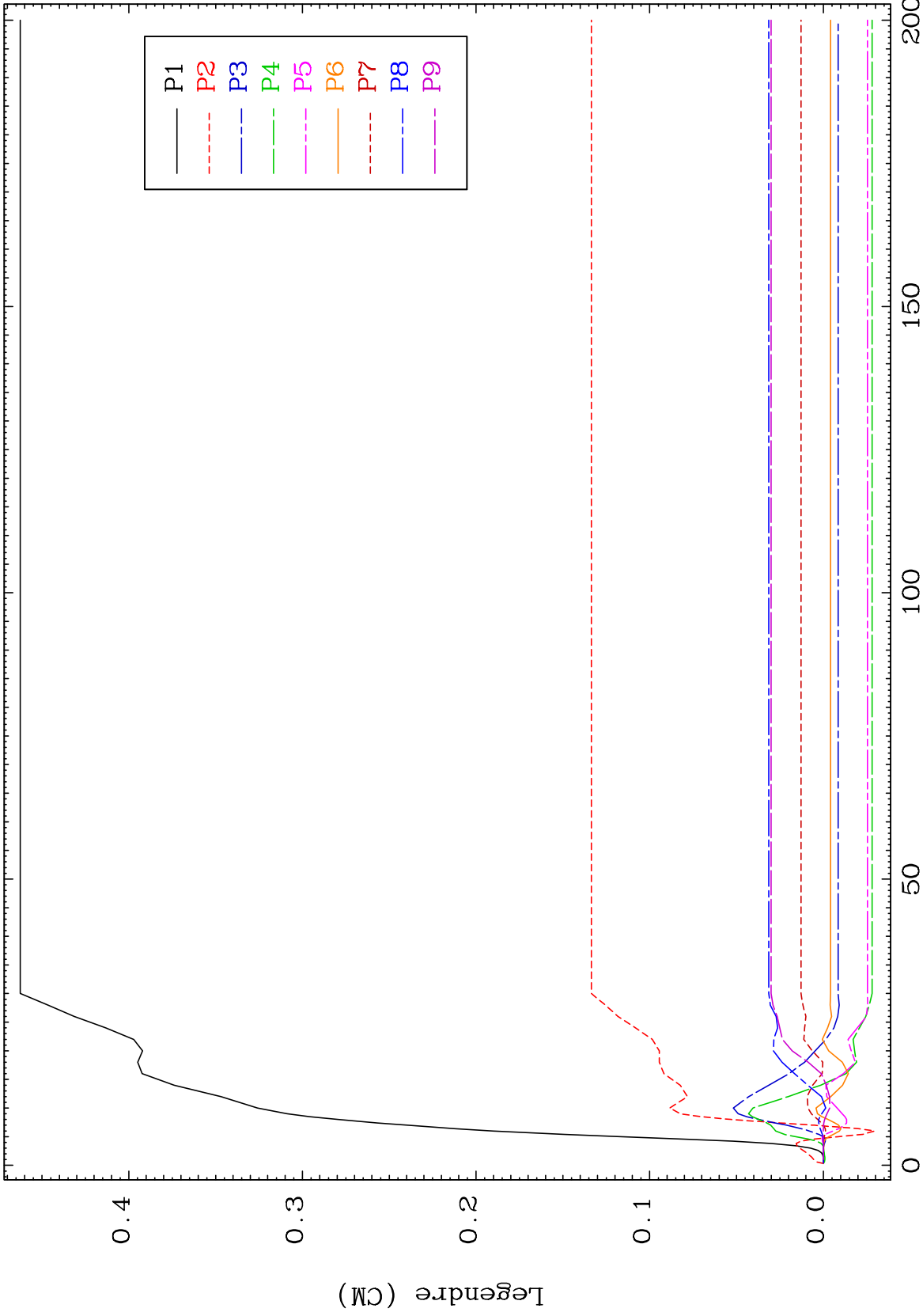
71-Lu-171



MAT 7113

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

71-Lu-171



51

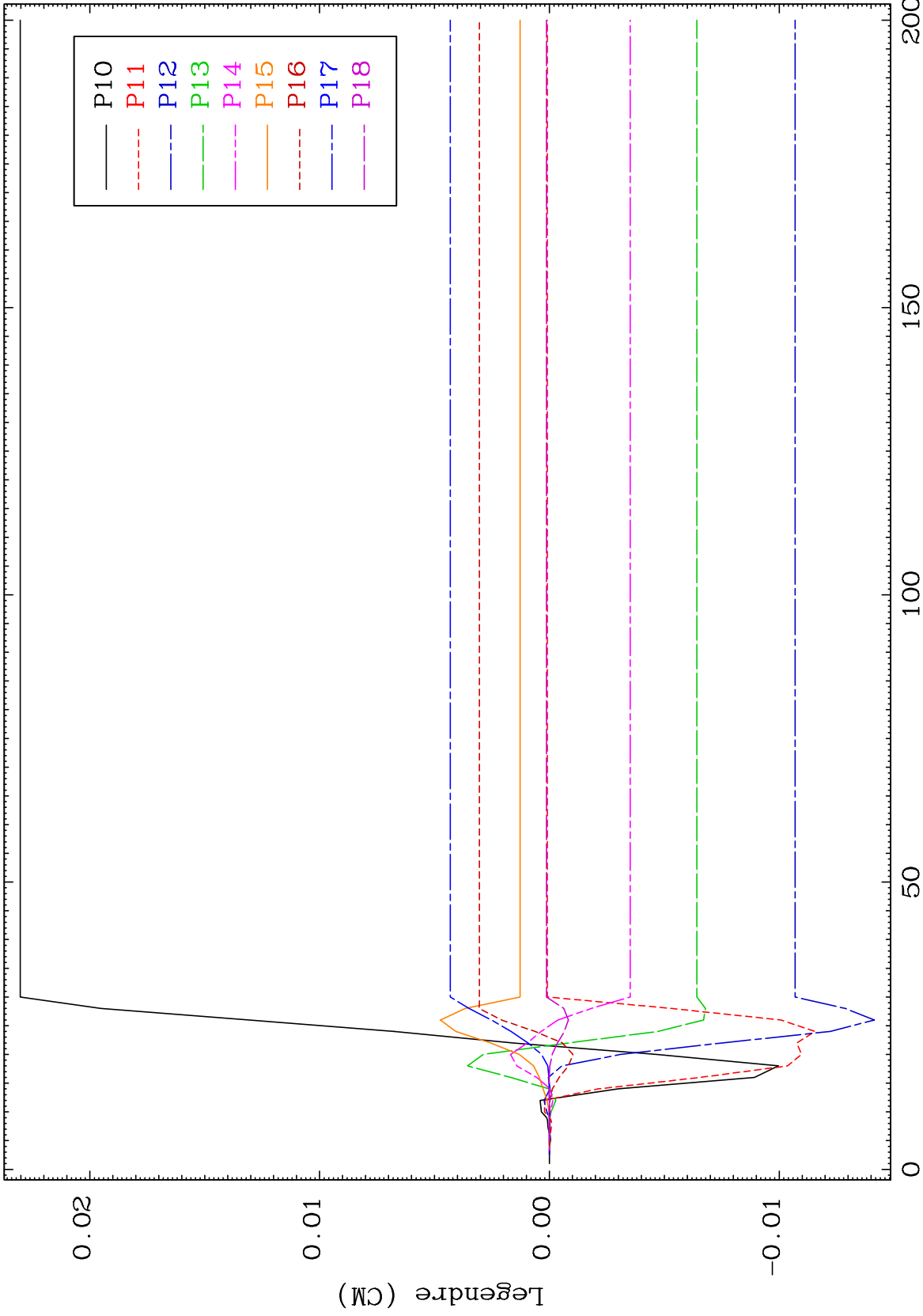
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



52

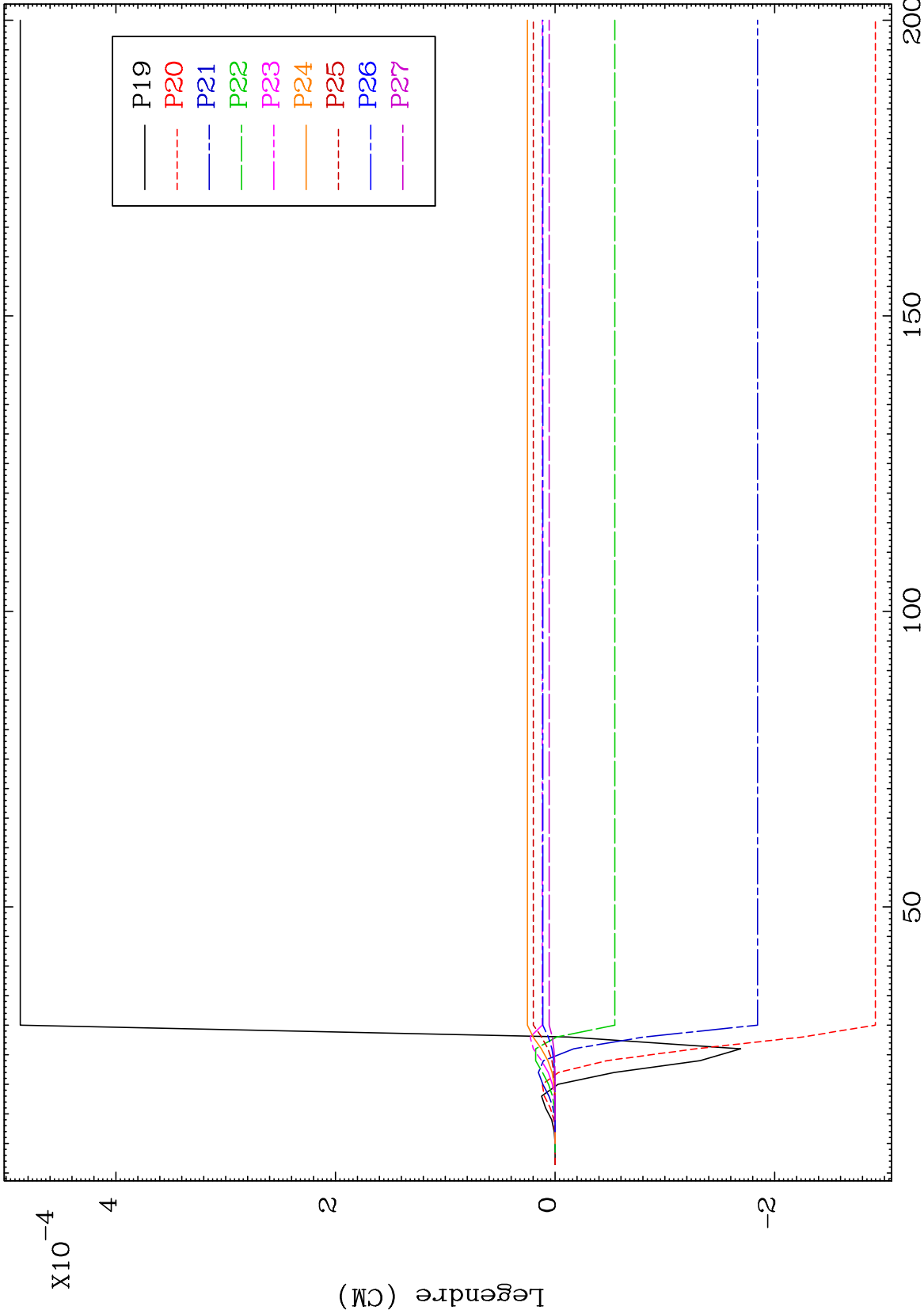
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



53

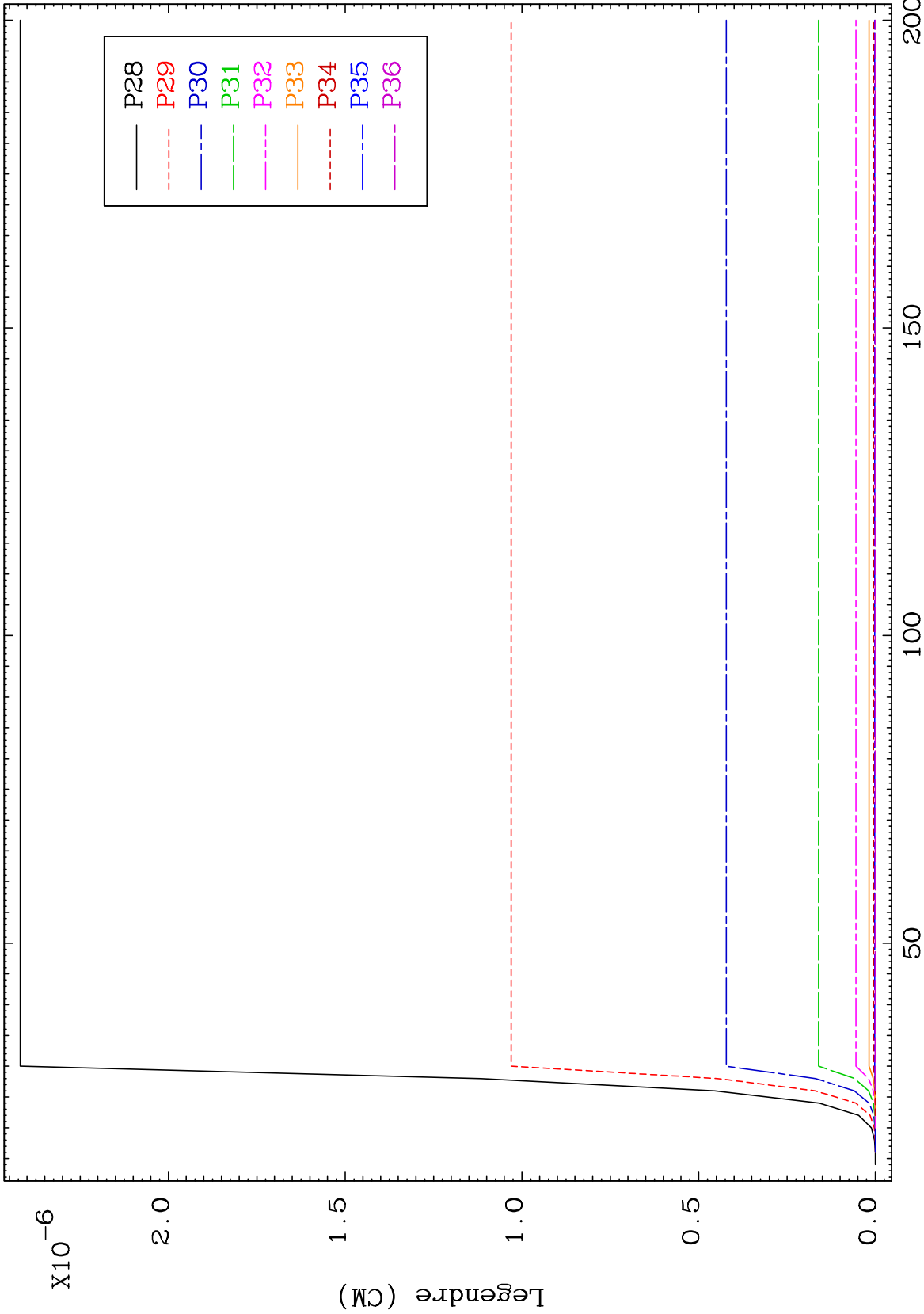
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



54

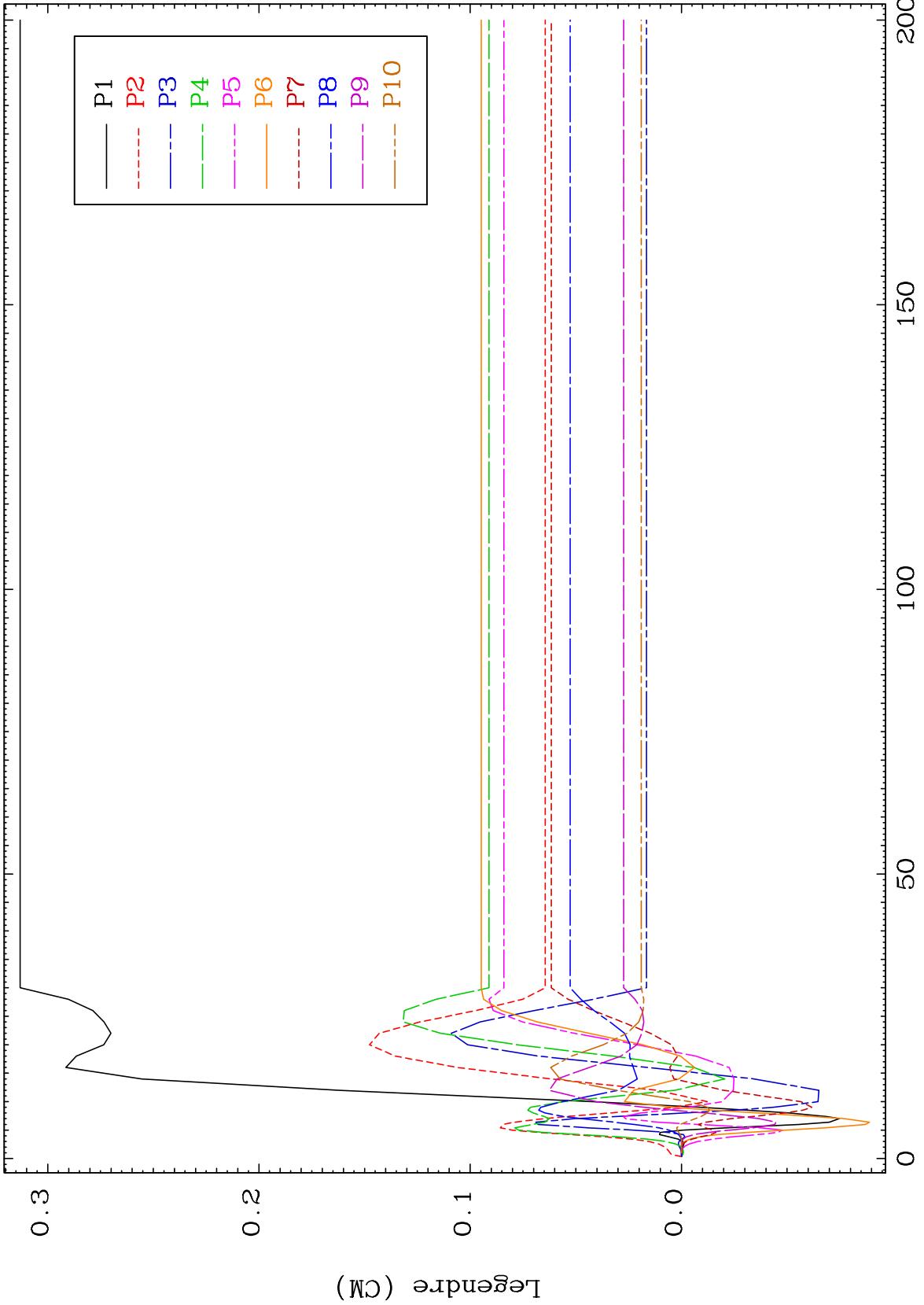
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



55

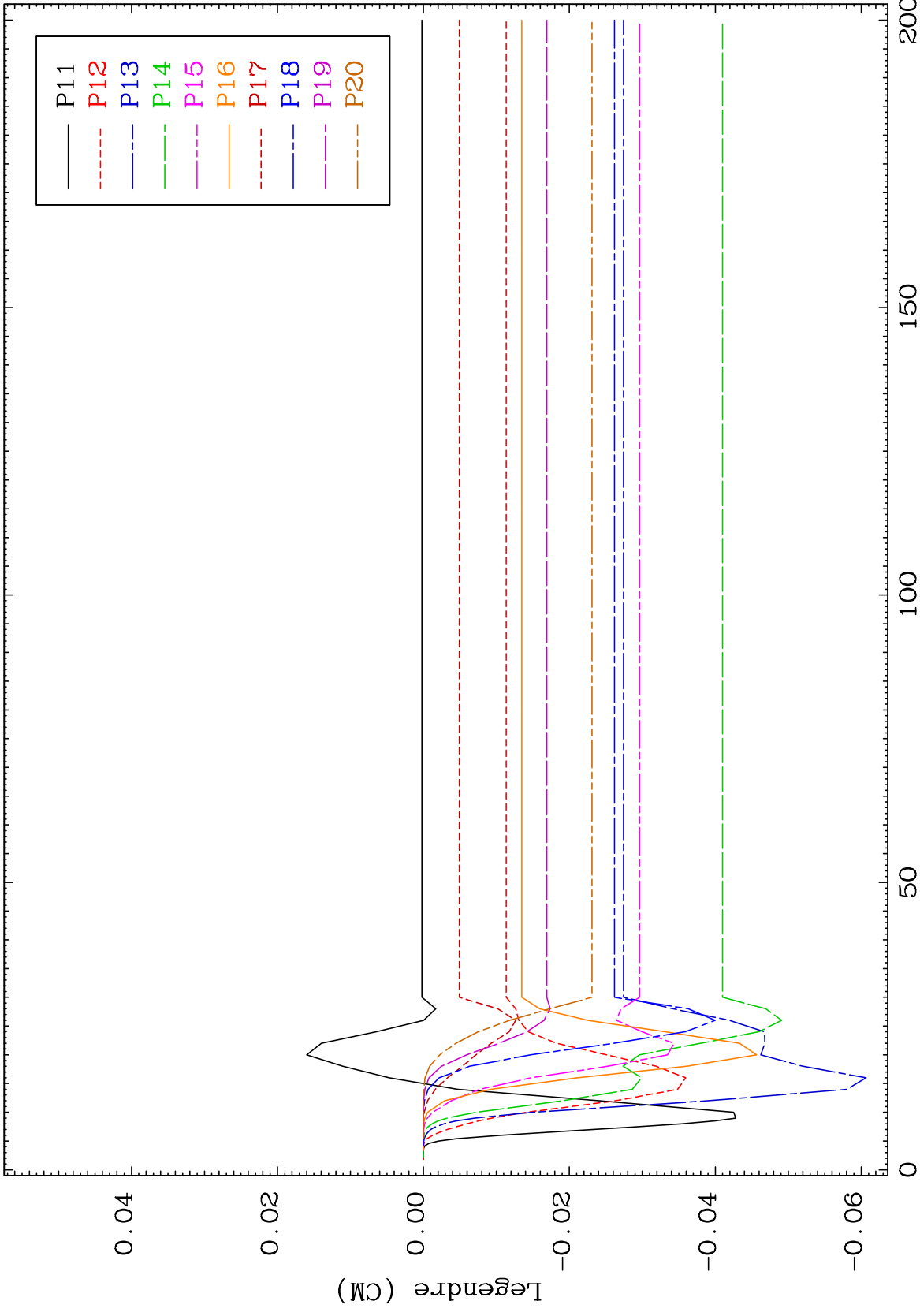
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

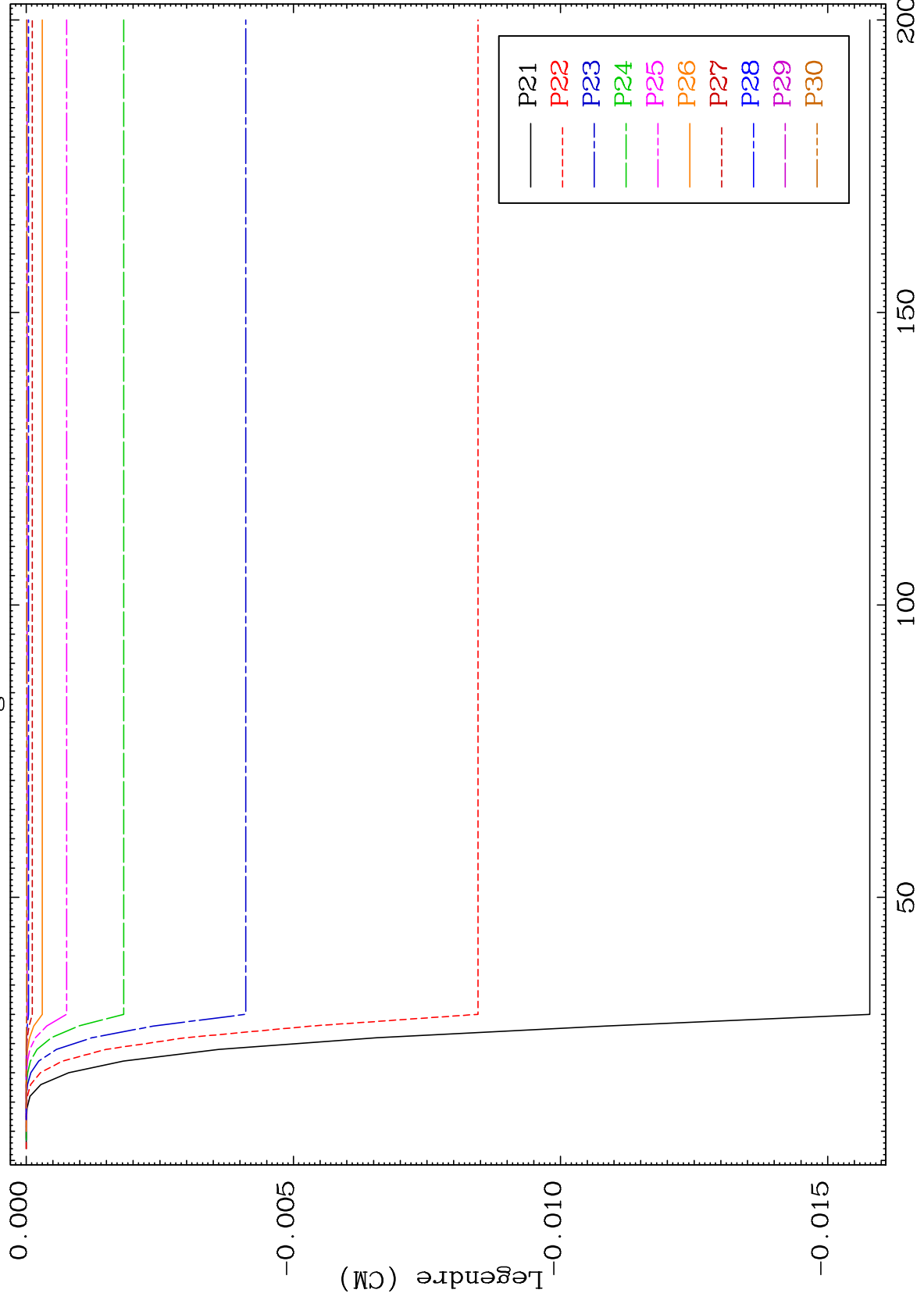


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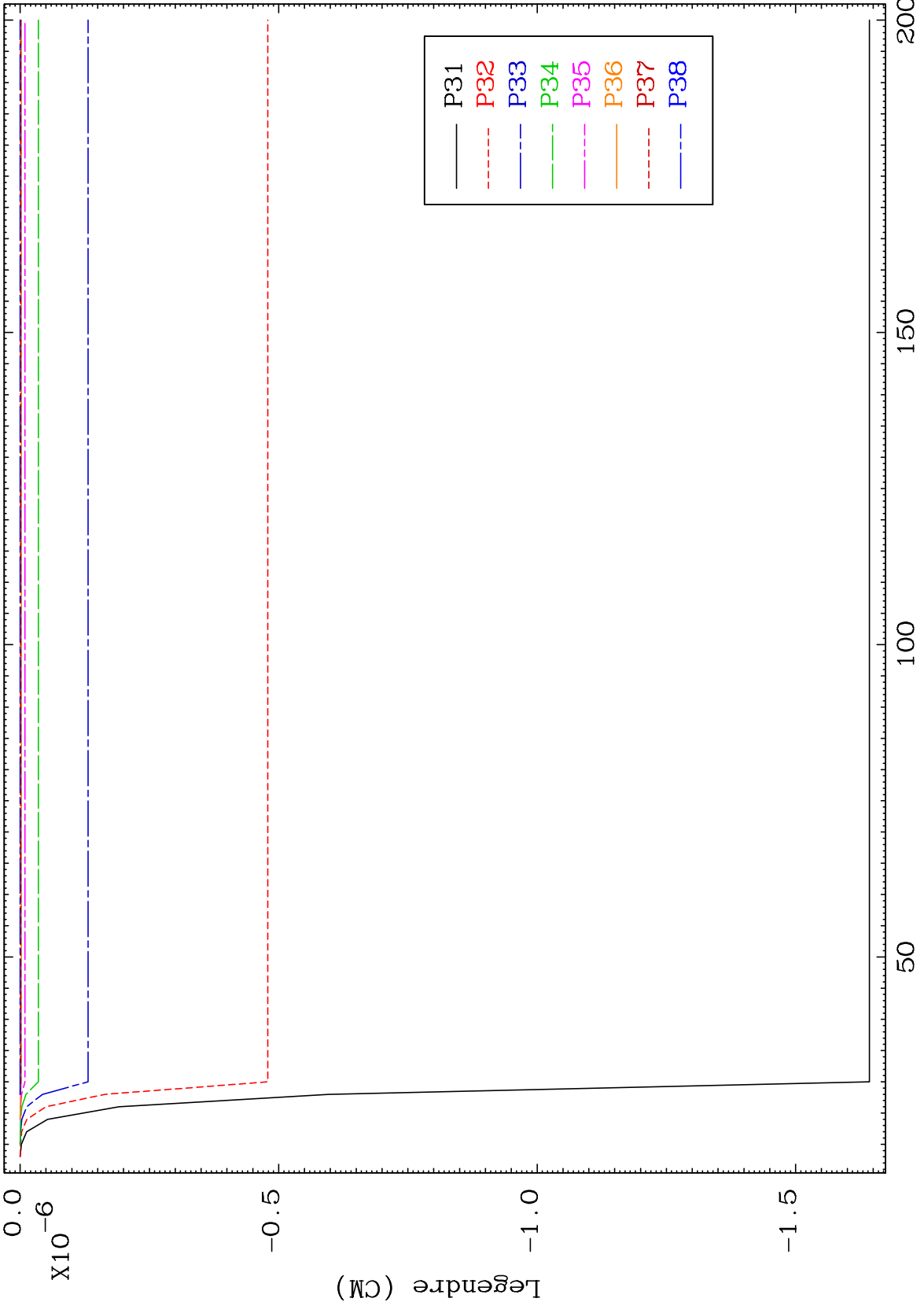
Incident Energy (MeV)

71-Lu-171

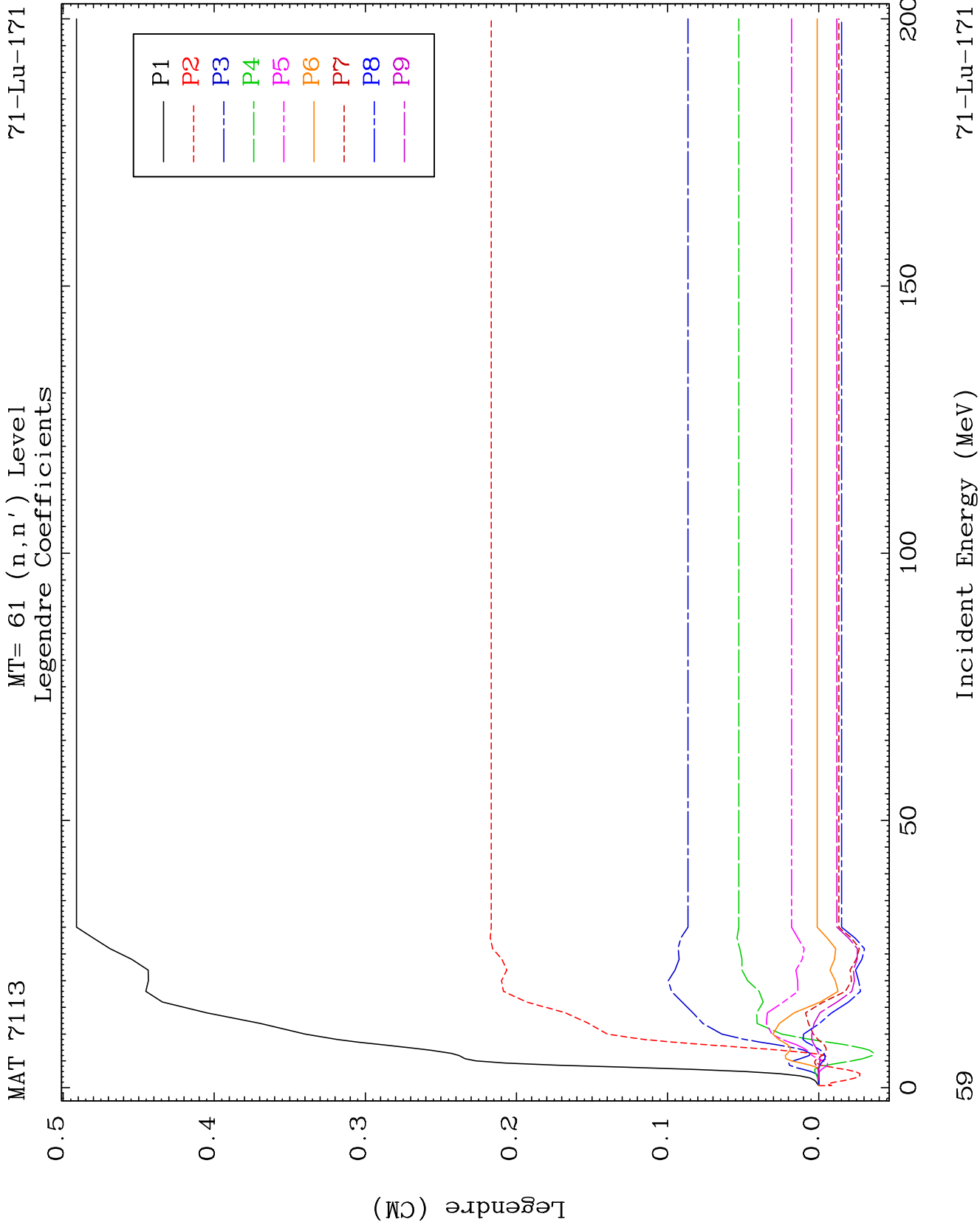
MAT 7113 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-171



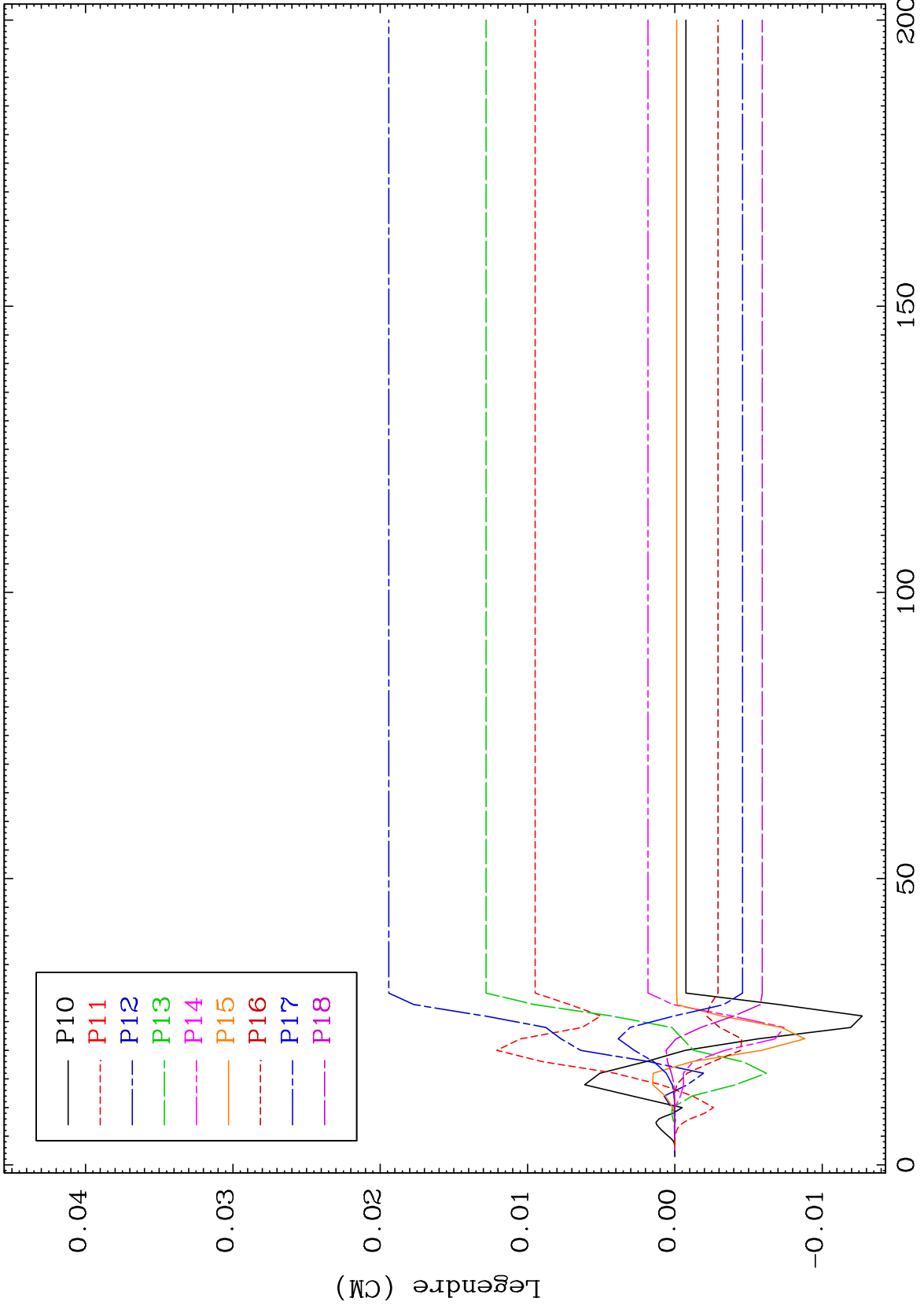
MAT 7113 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-171



58 Incident Energy (MeV) 71-Lu-171



MAT 7113 MT= 61 (n,n') Level Legendre Coefficients 71-Lu-171

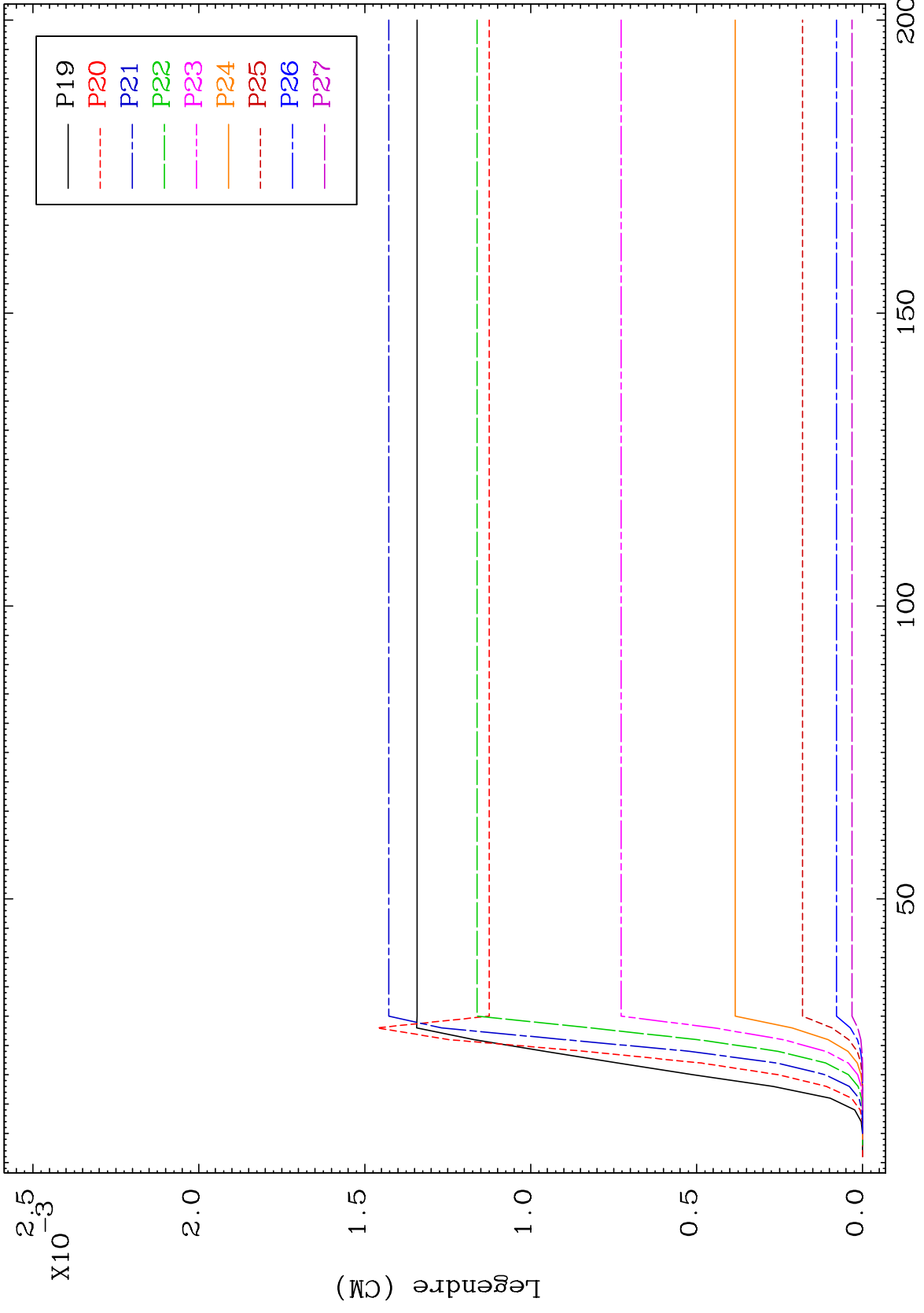


71-Lu-171

MAT 7113

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

71-Lu-171



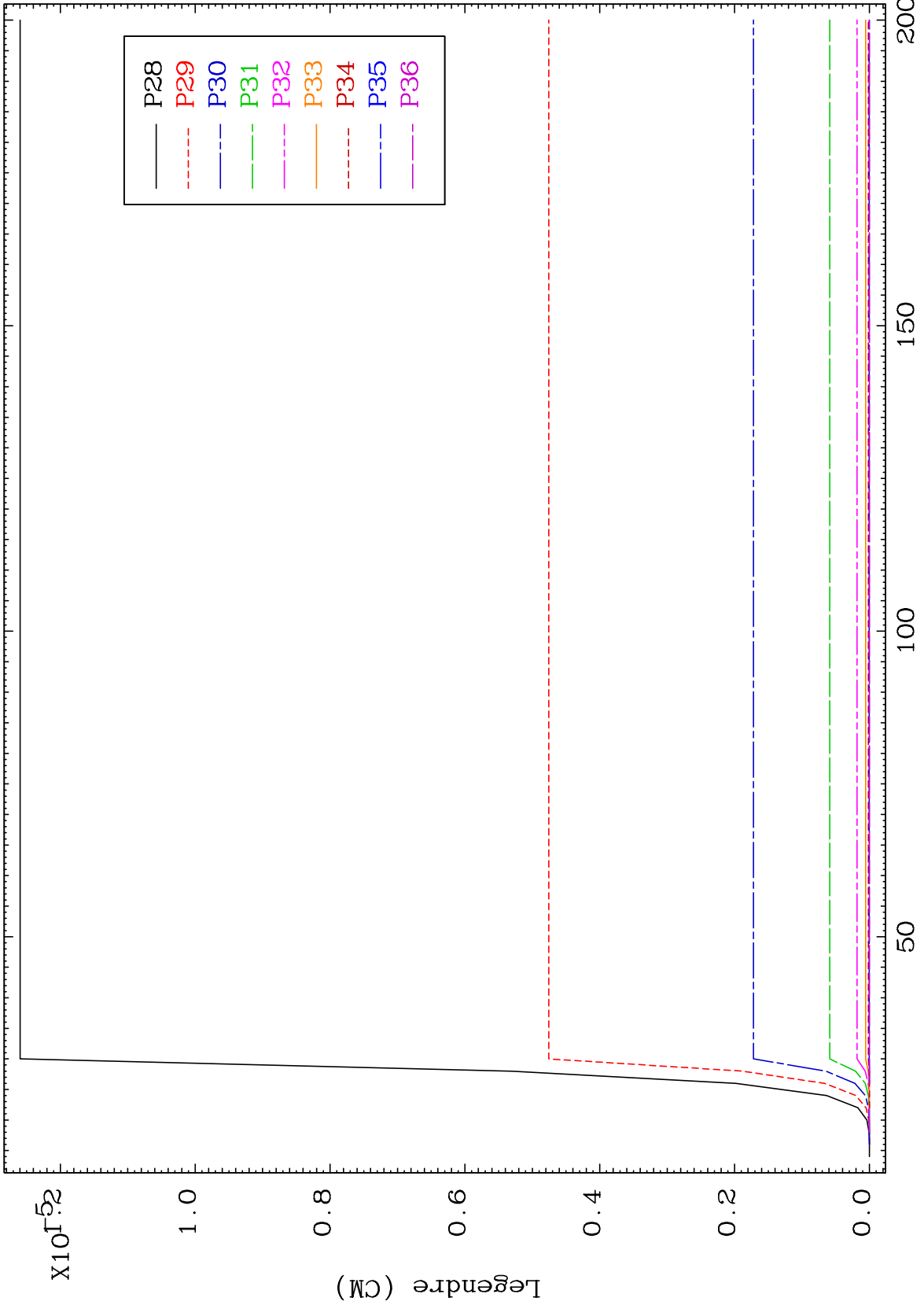
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71-Lu-171

MAT 7113

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

71-Lu-171



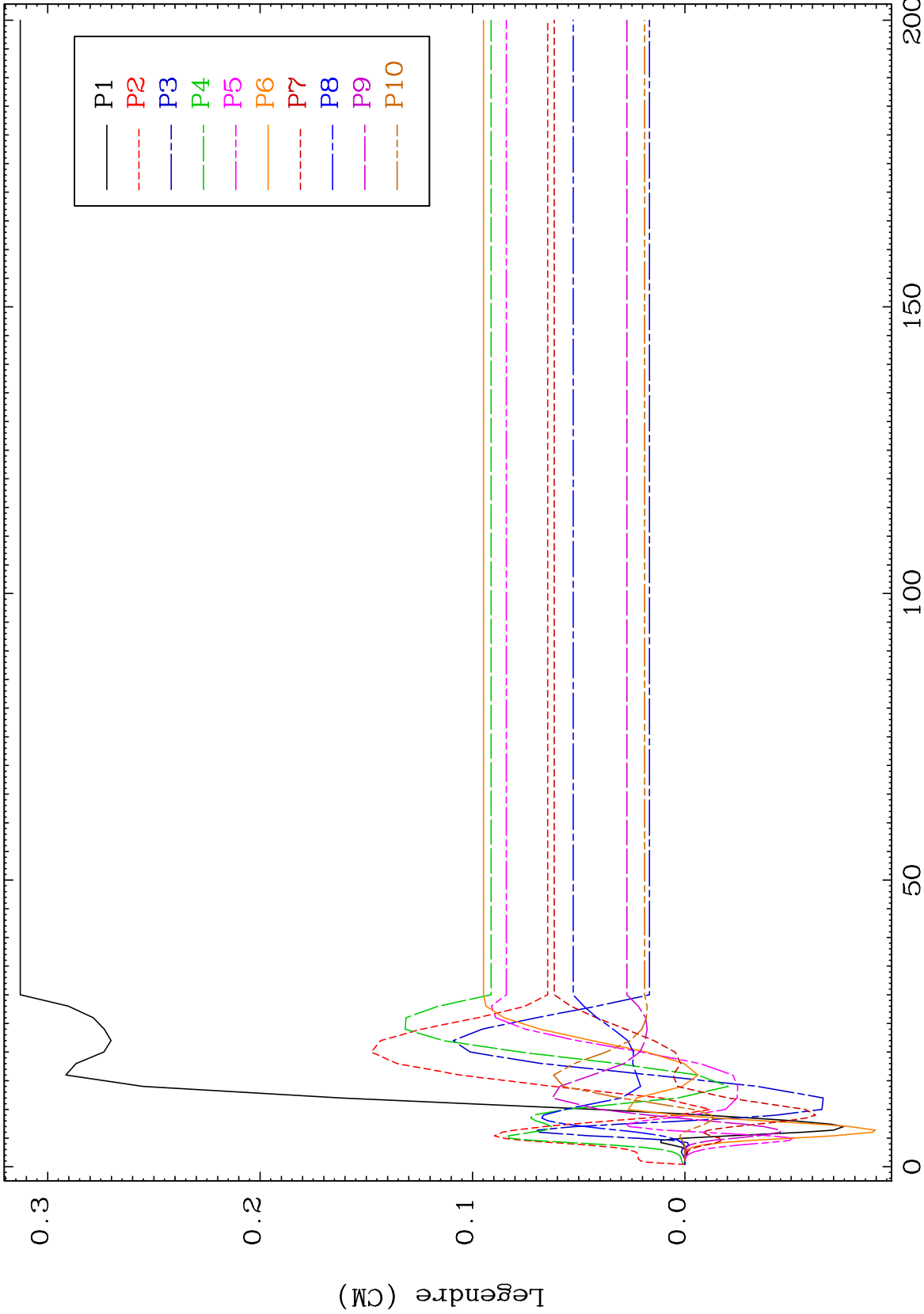
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71-Lu-171

MAT 7113

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

71-Lu-171



63

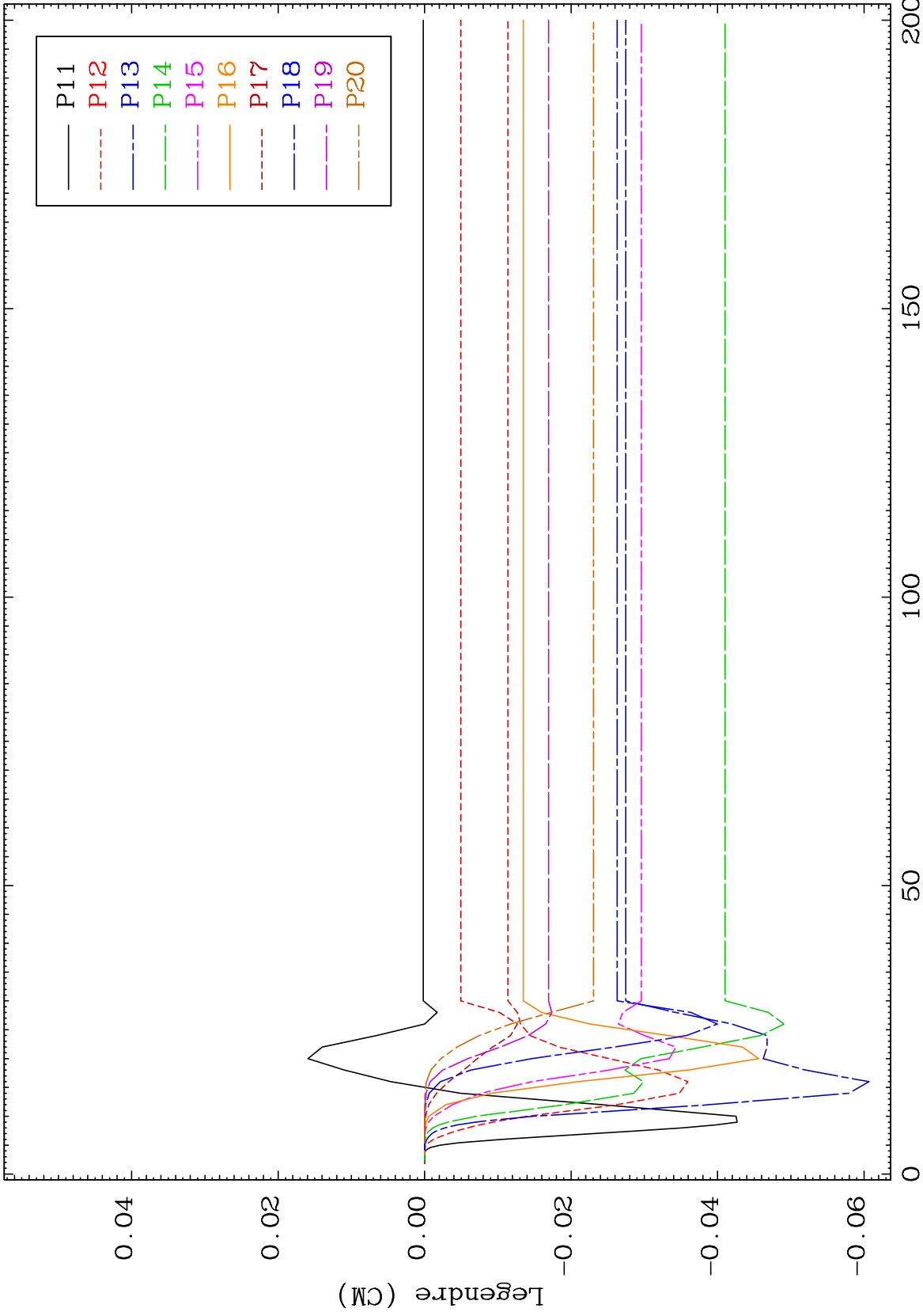
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

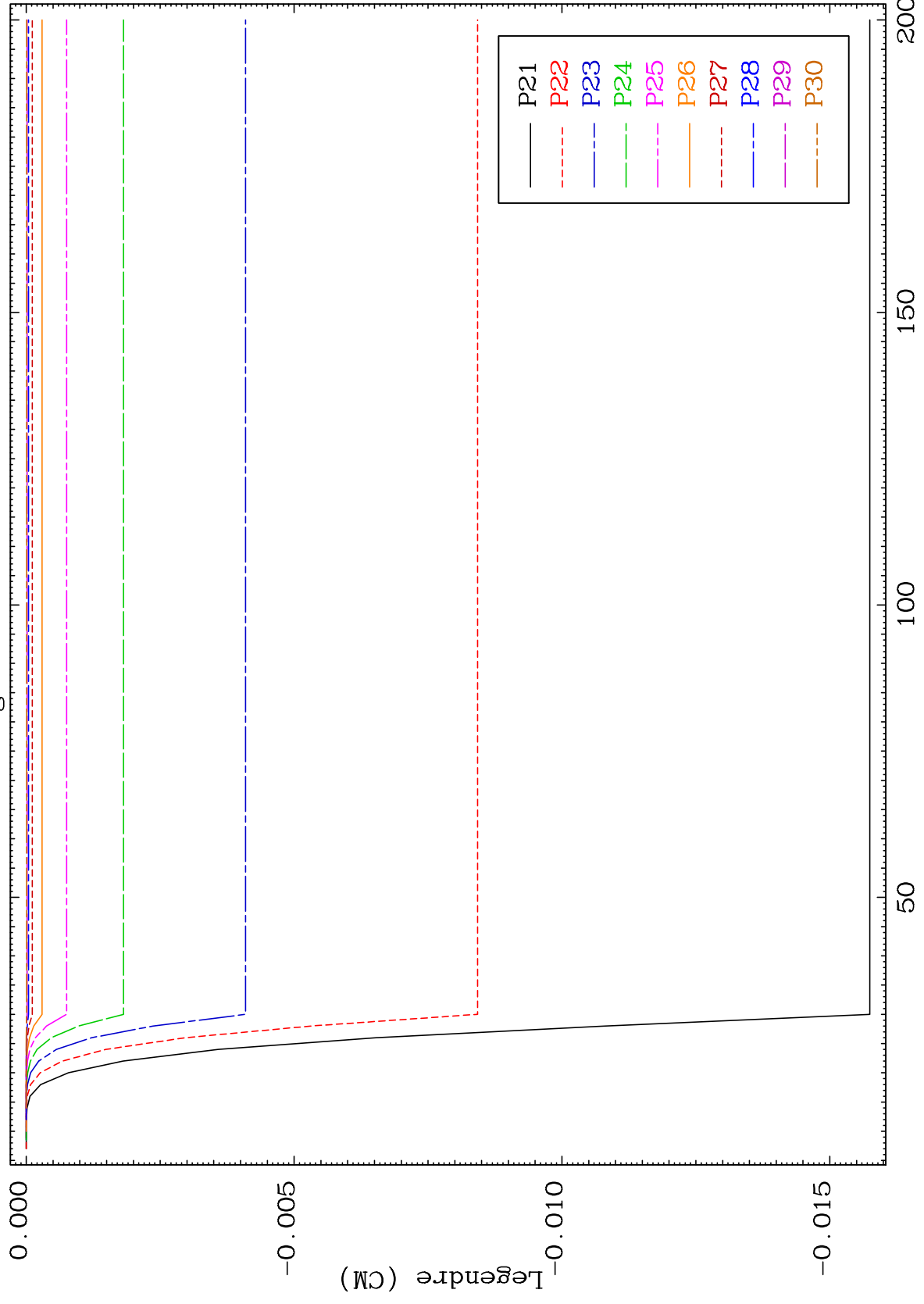


64

Incident Energy (MeV)

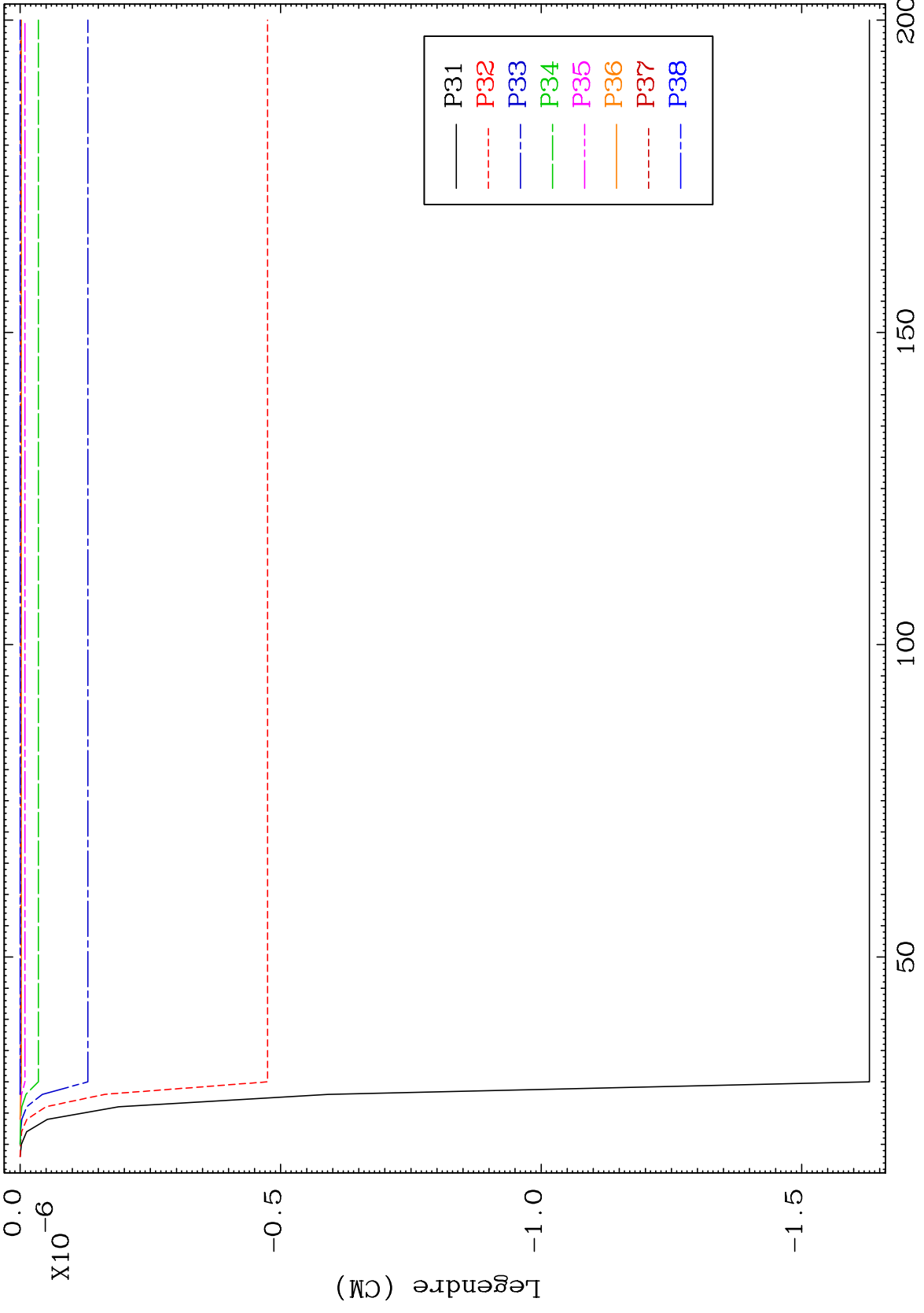
71-Lu-171

MAT 7113 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-171

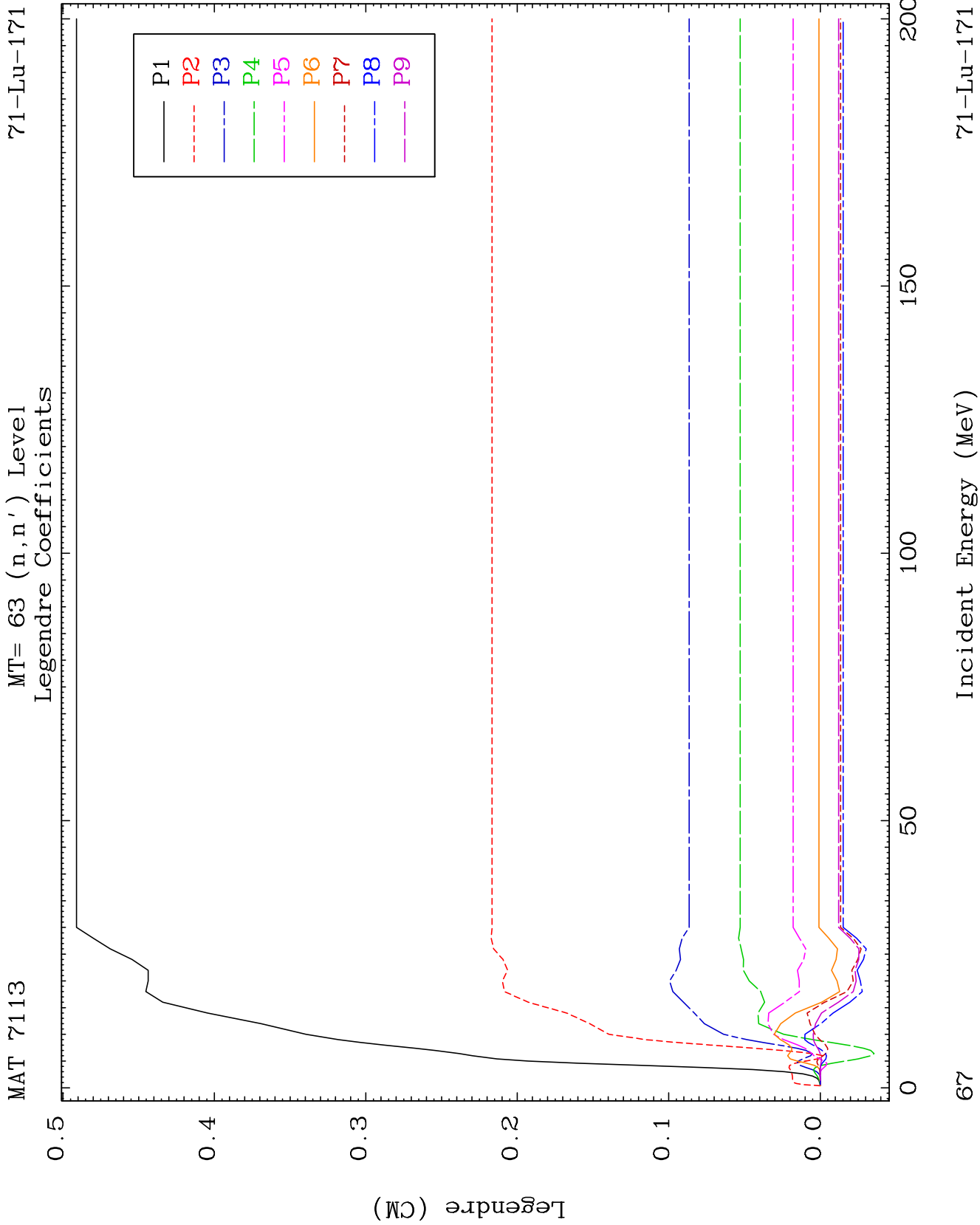


65 71-Lu-171

MAT 7113 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-171



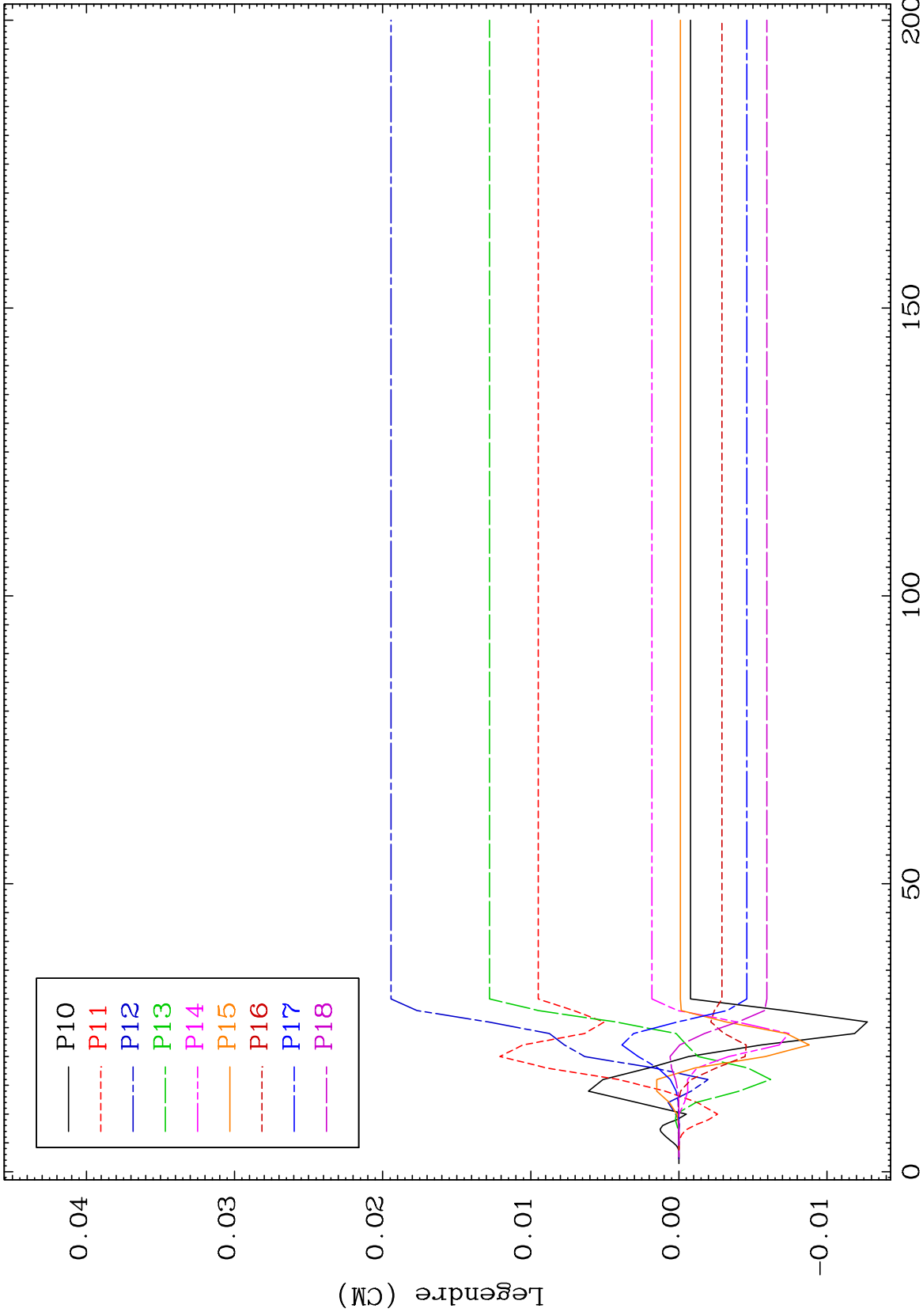
66 71-Lu-171



MAT 7113

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

71-Lu-171



68

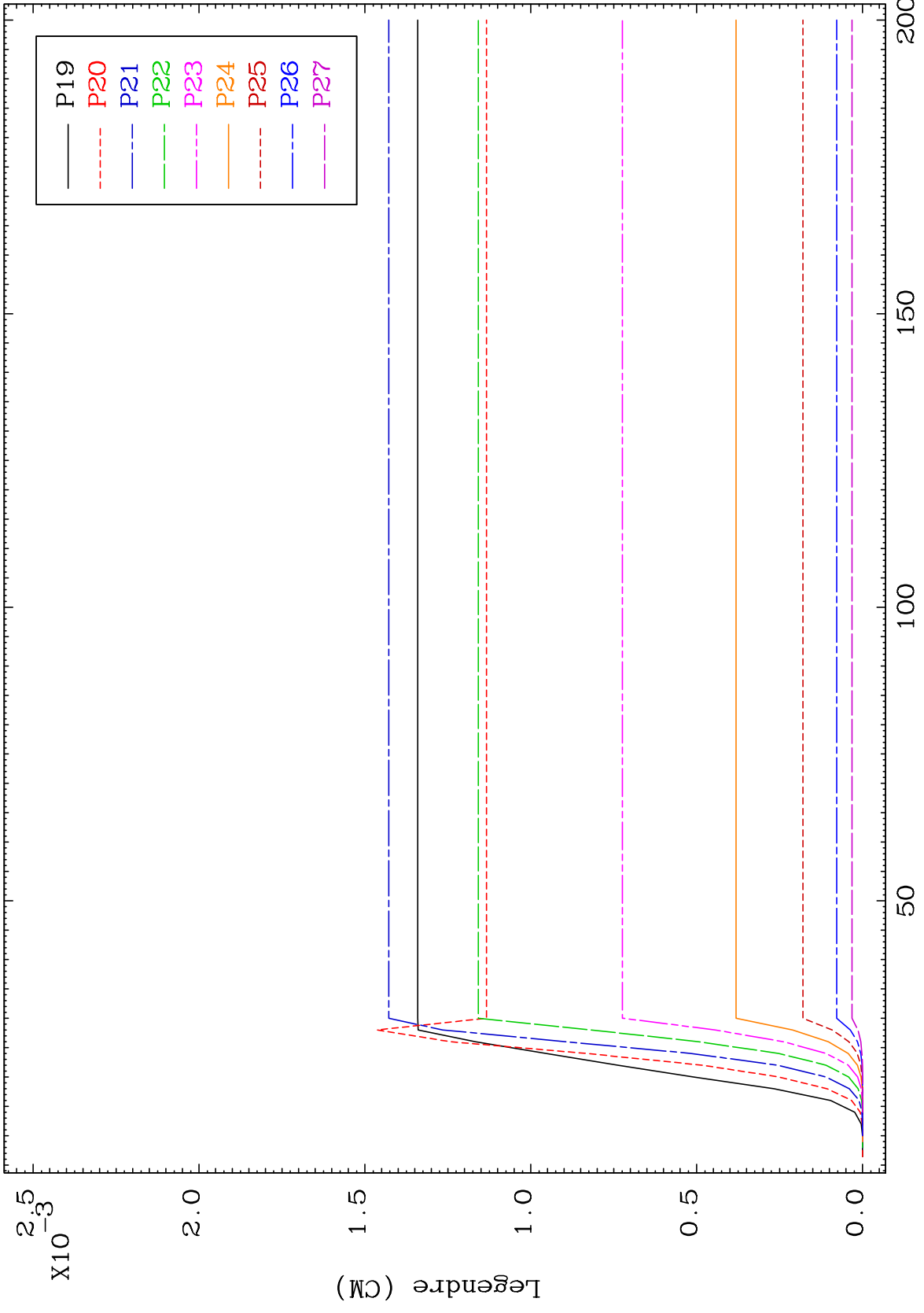
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



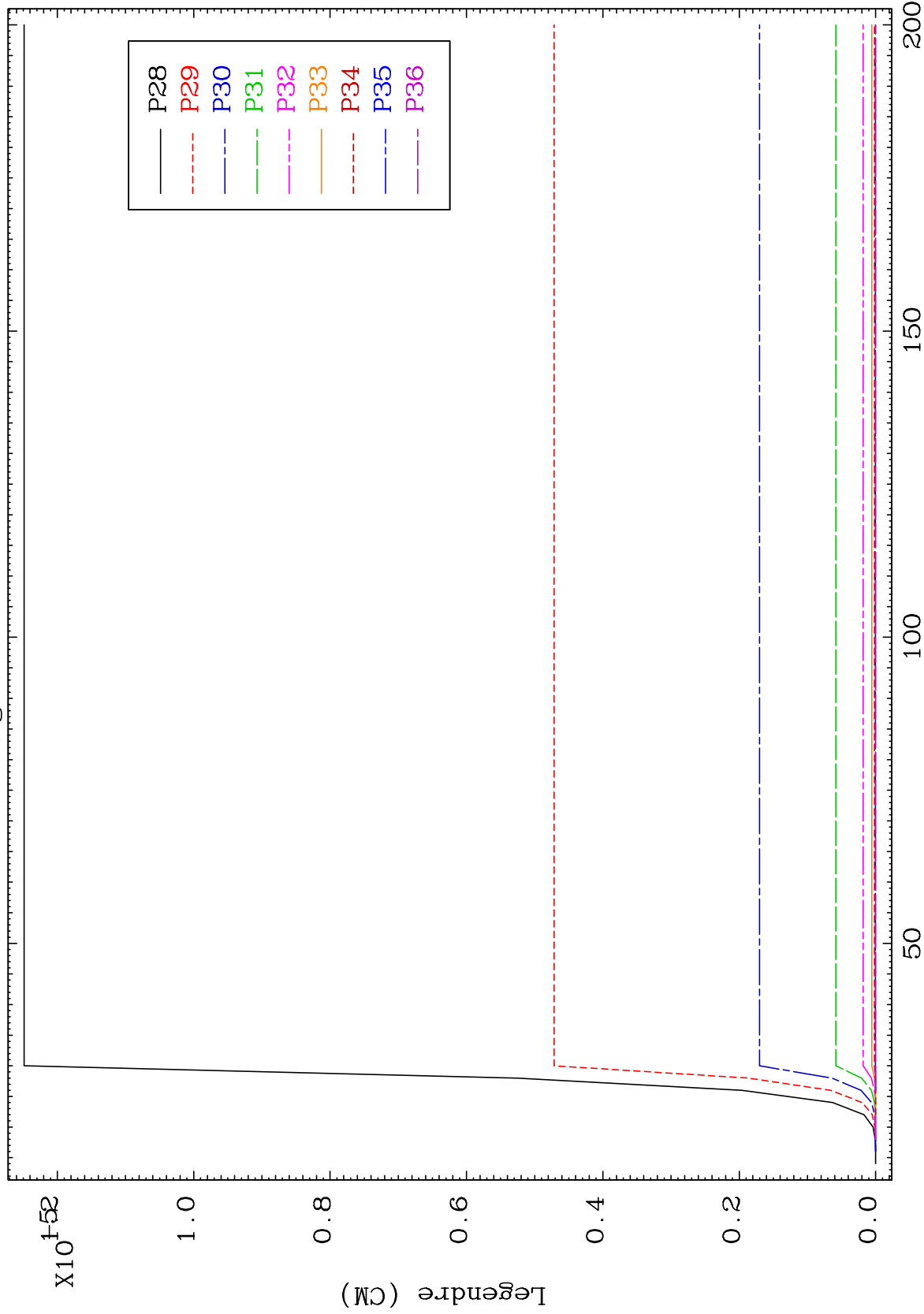
69

71-Lu-171

MAT 7113

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

71-Lu-171



70

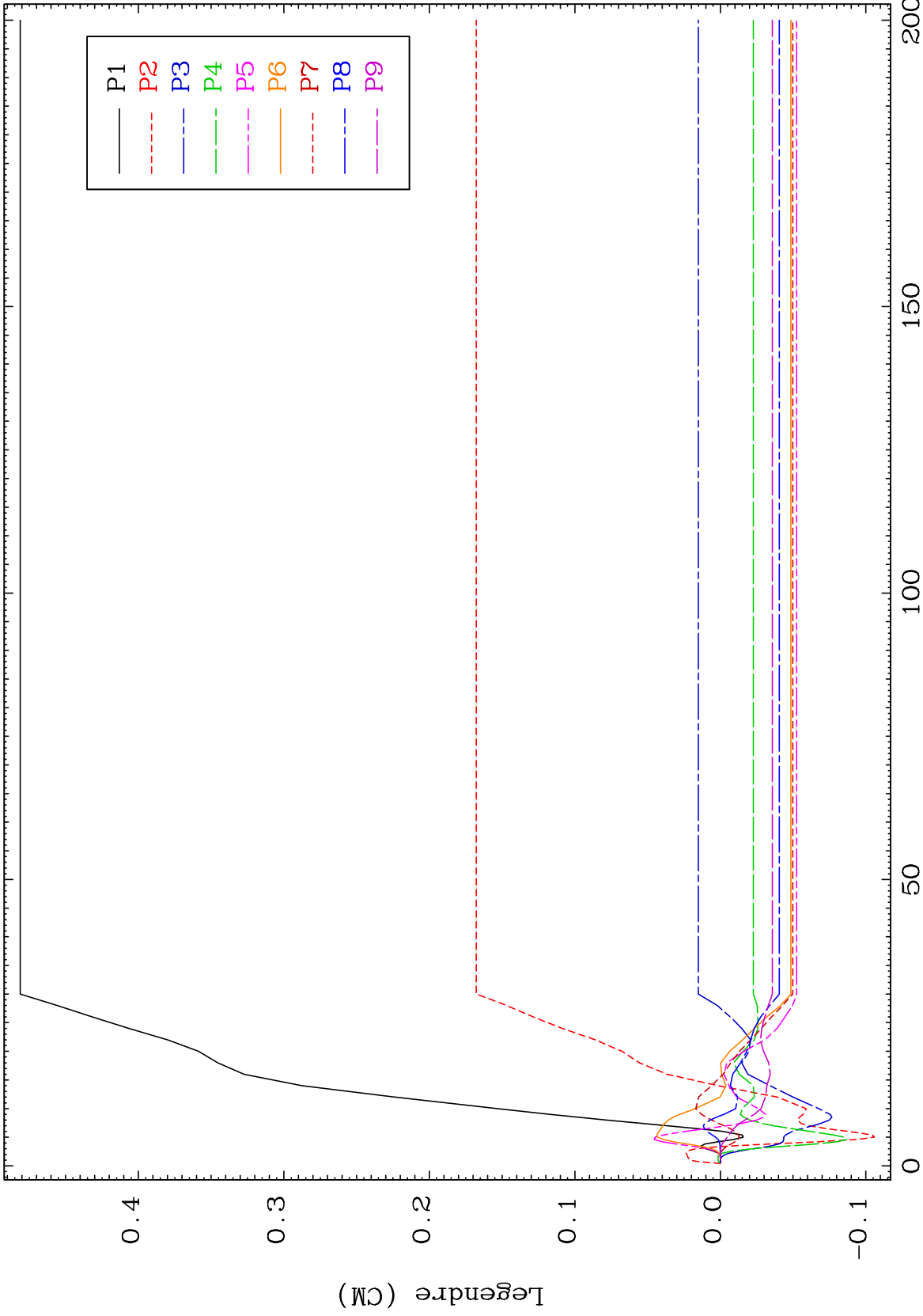
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

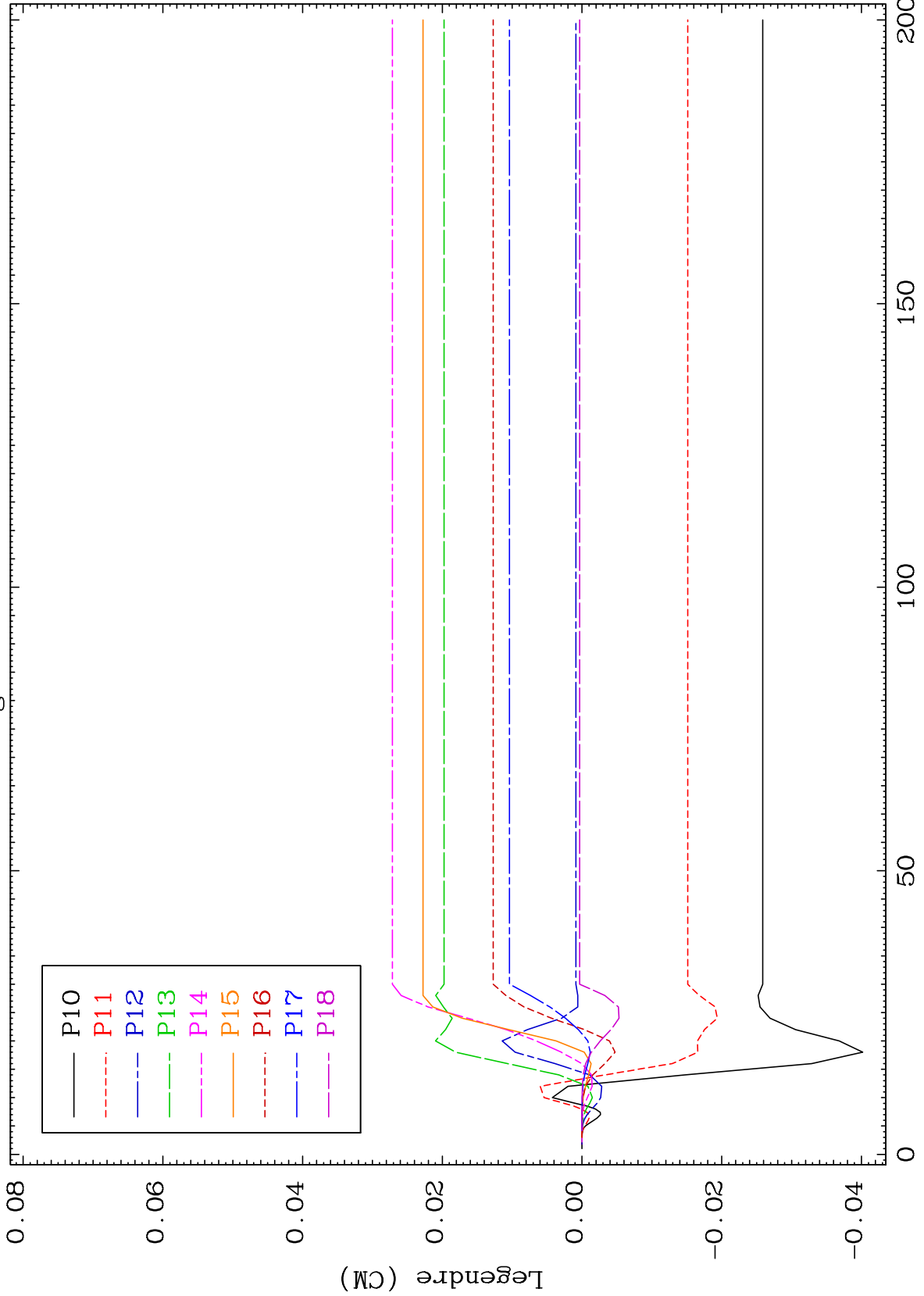


71

Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 64 (n,n') Level Legendre Coefficients 71-Lu-171



71-Lu-171

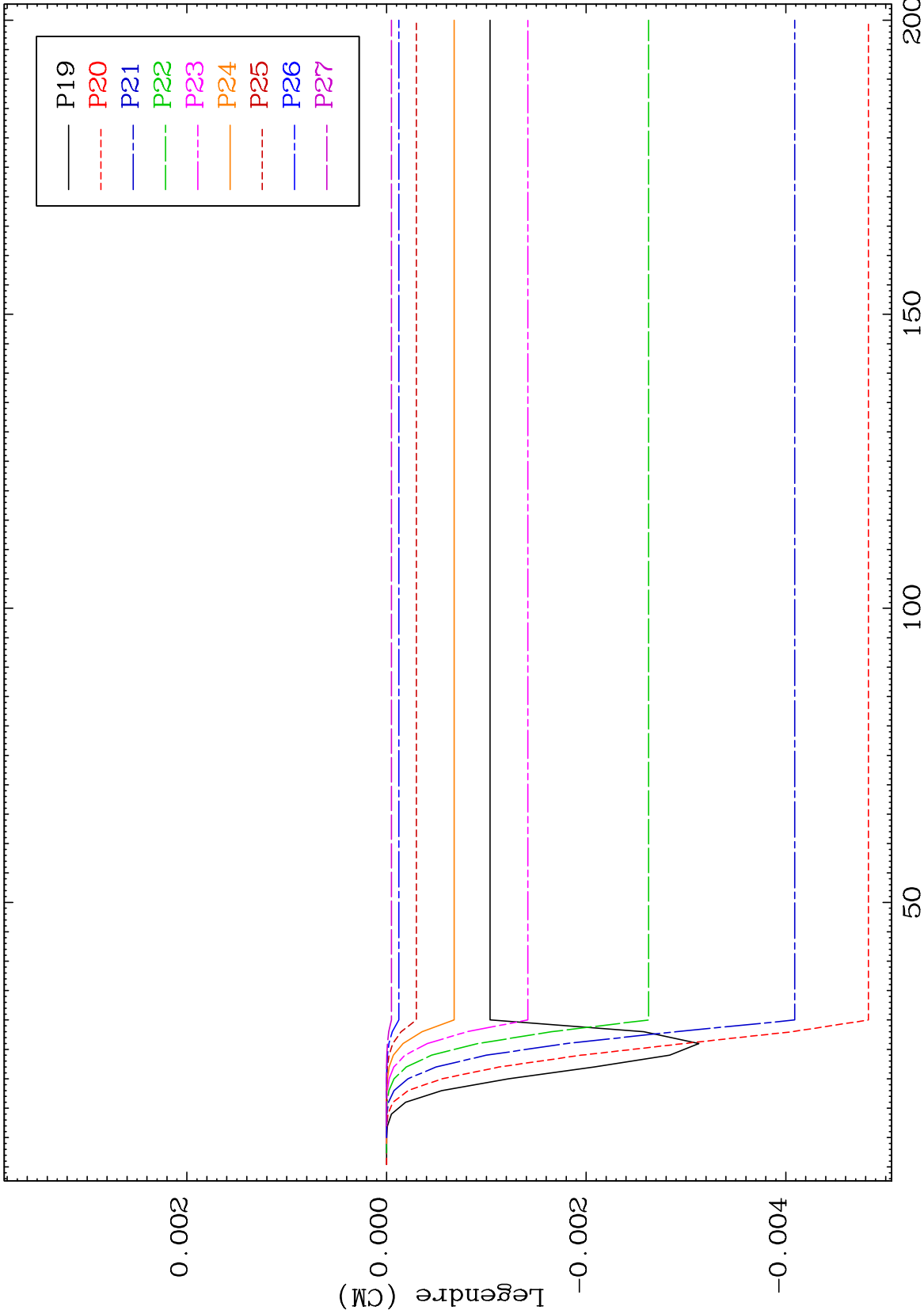
Incident Energy (MeV)

72

MAT 7113

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

71-Lu-171



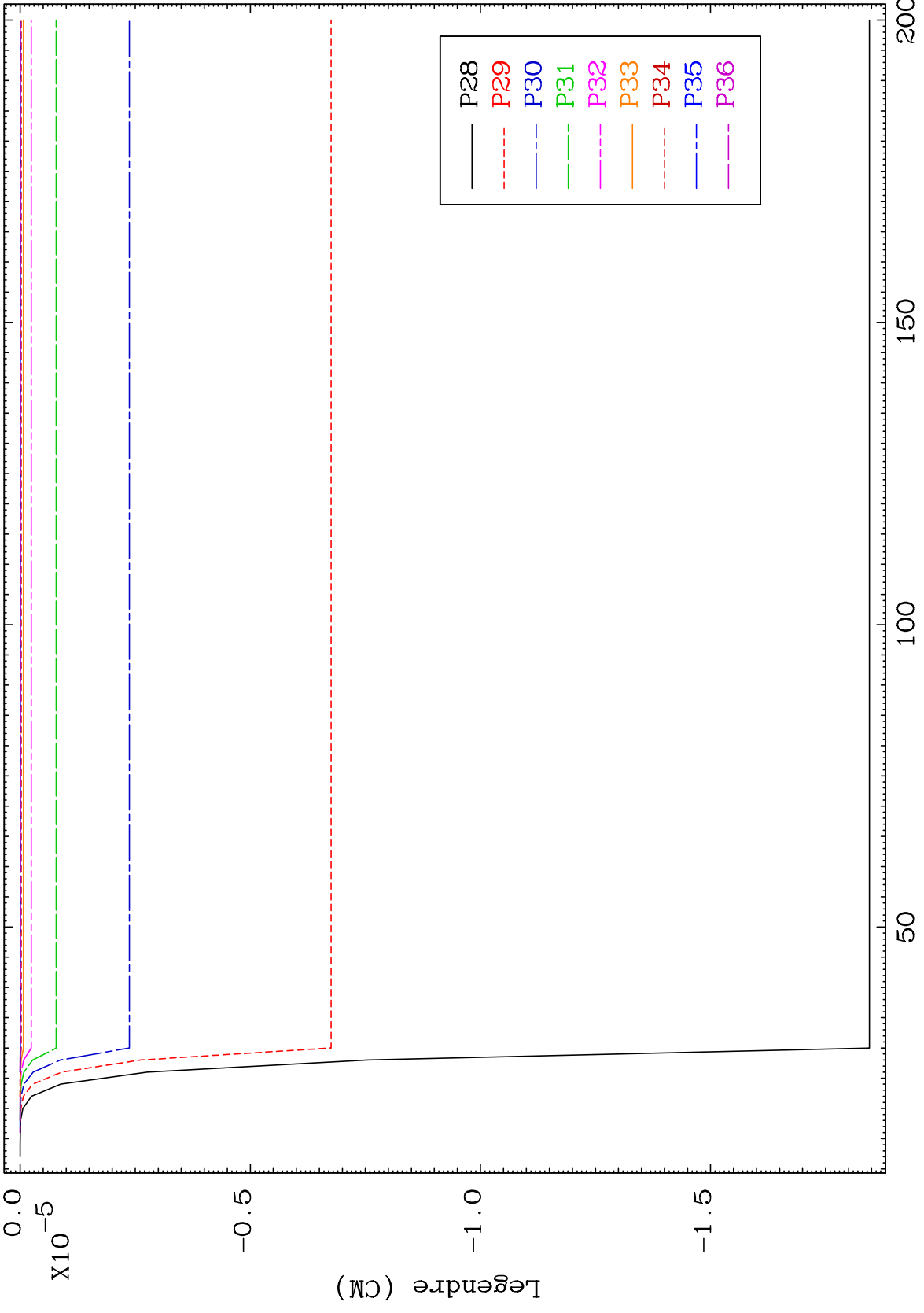
73

Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 64 (n,n') Level 71-Lu-171

Legendre Coefficients

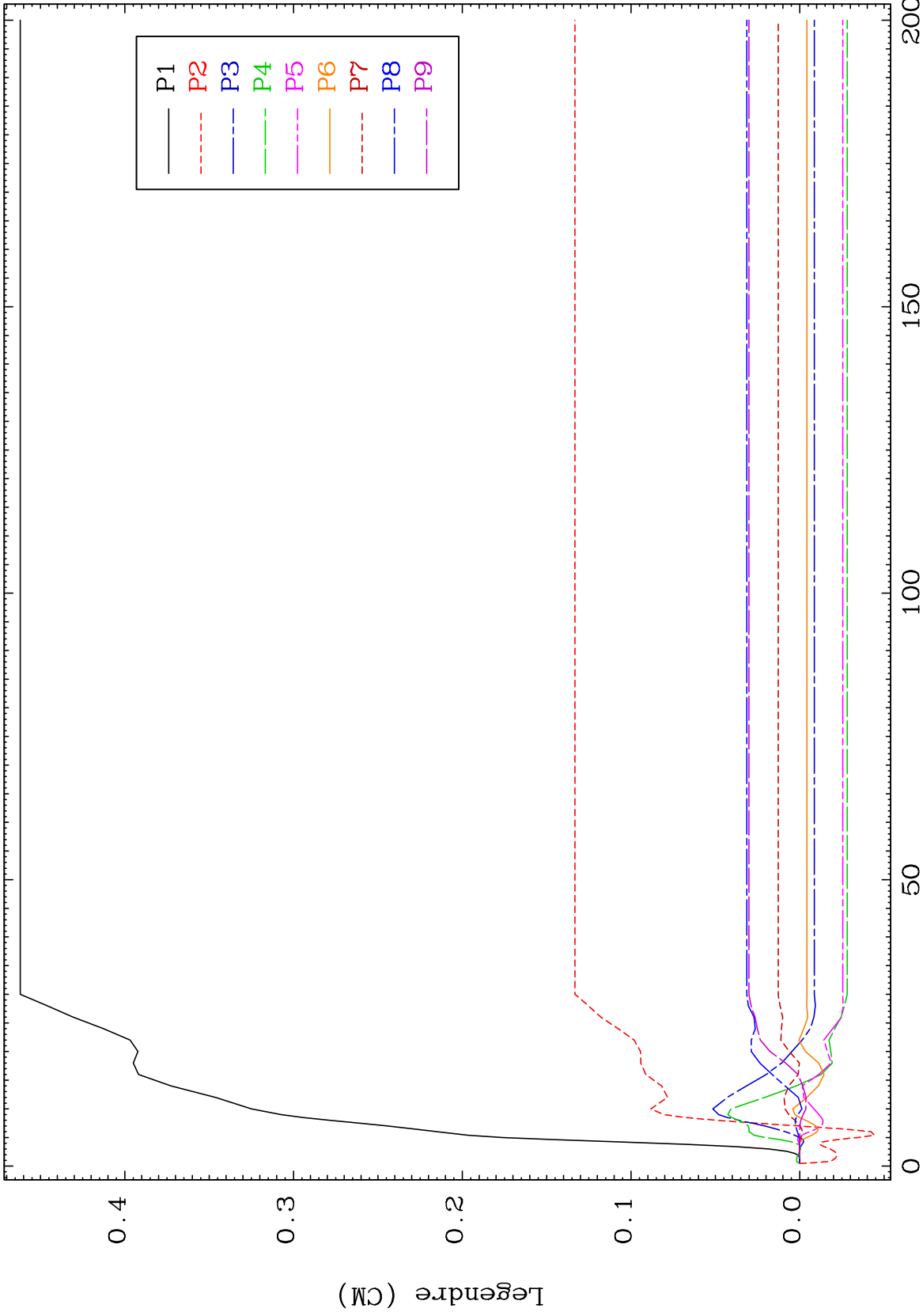


74 71-Lu-171

MAT 7113

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

71-Lu-171



75

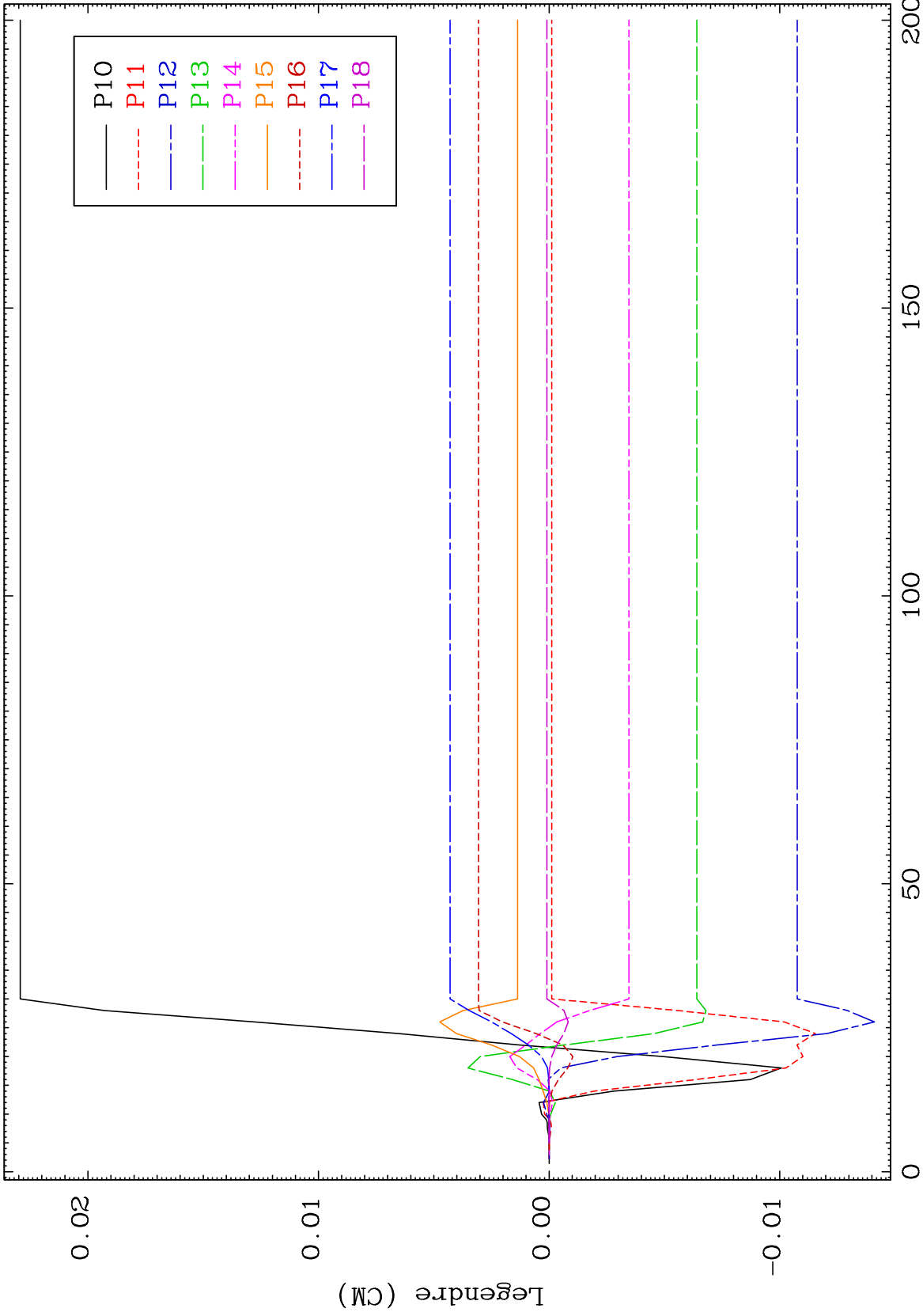
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



76

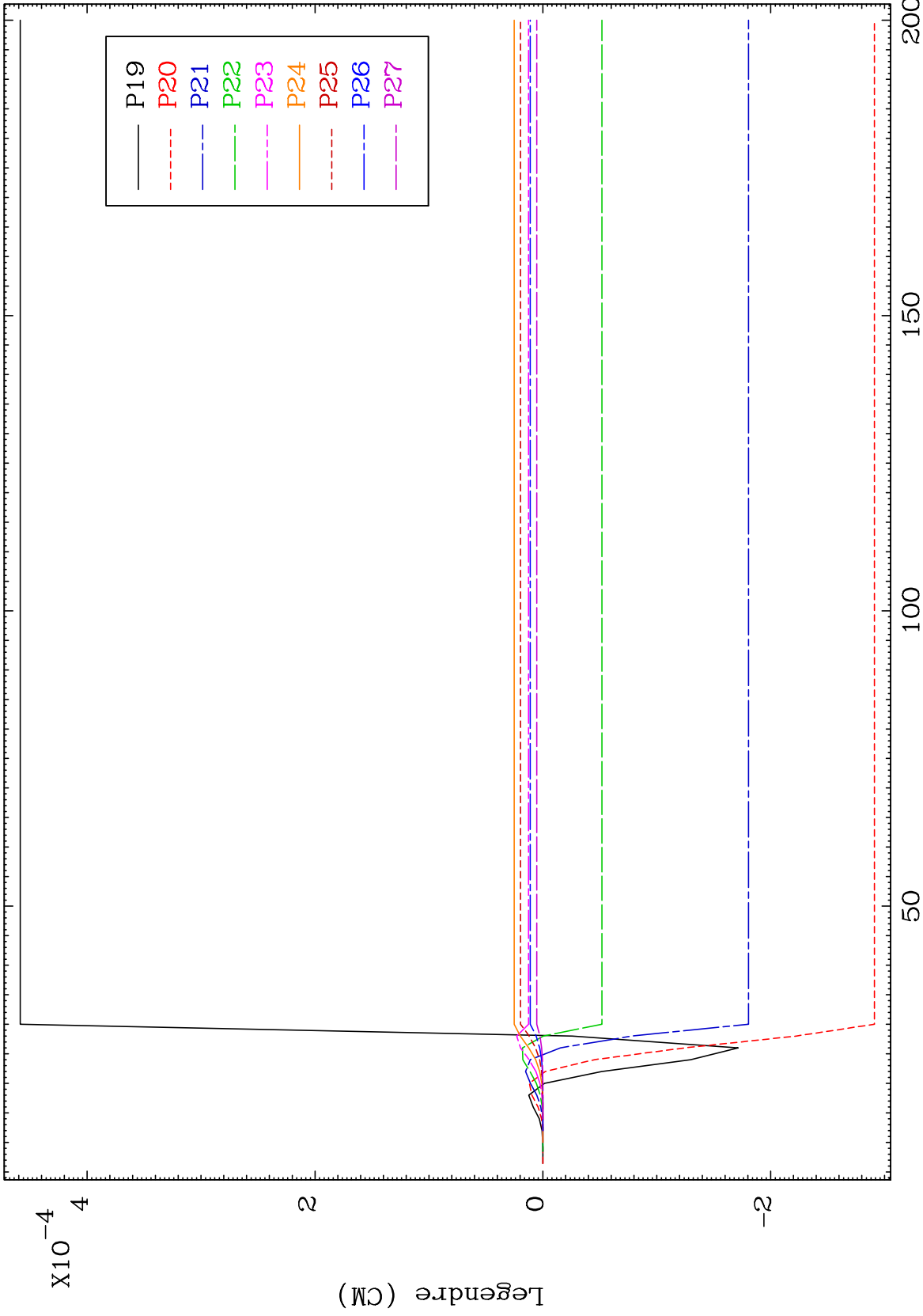
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



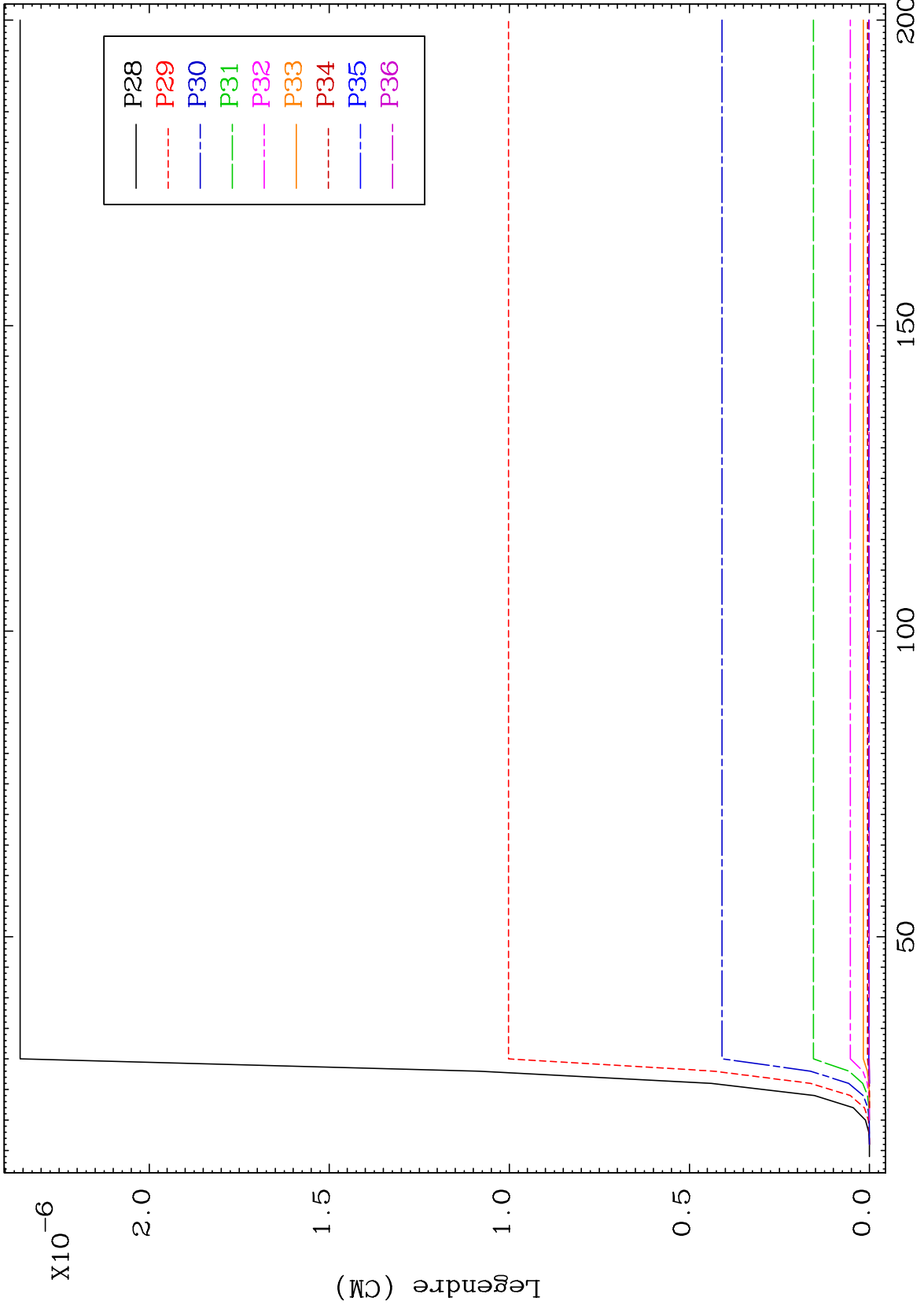
77

71-Lu-171

MAT 7113

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

71-Lu-171



78

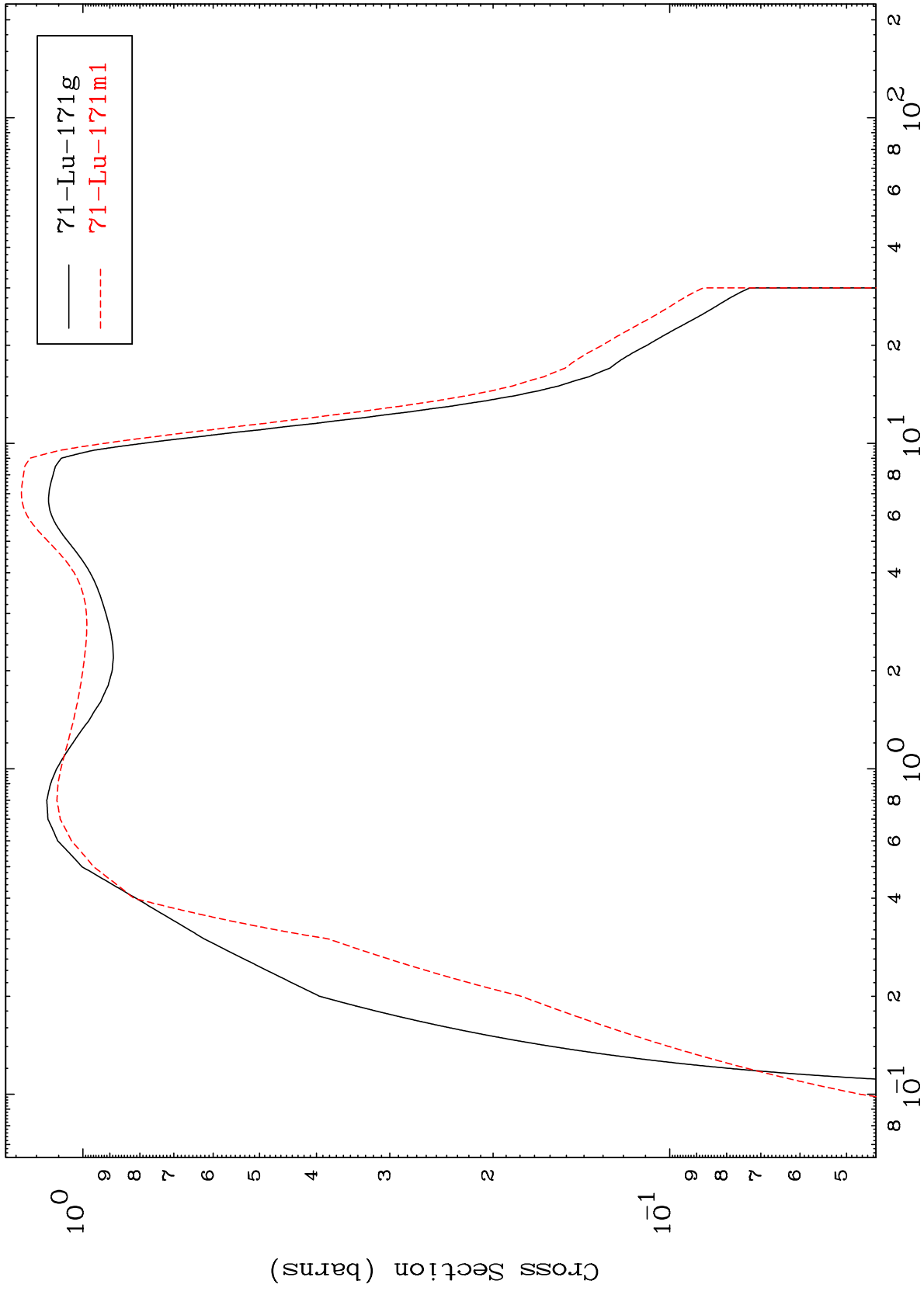
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

Inelastic
Radionuclide Production Cross Section



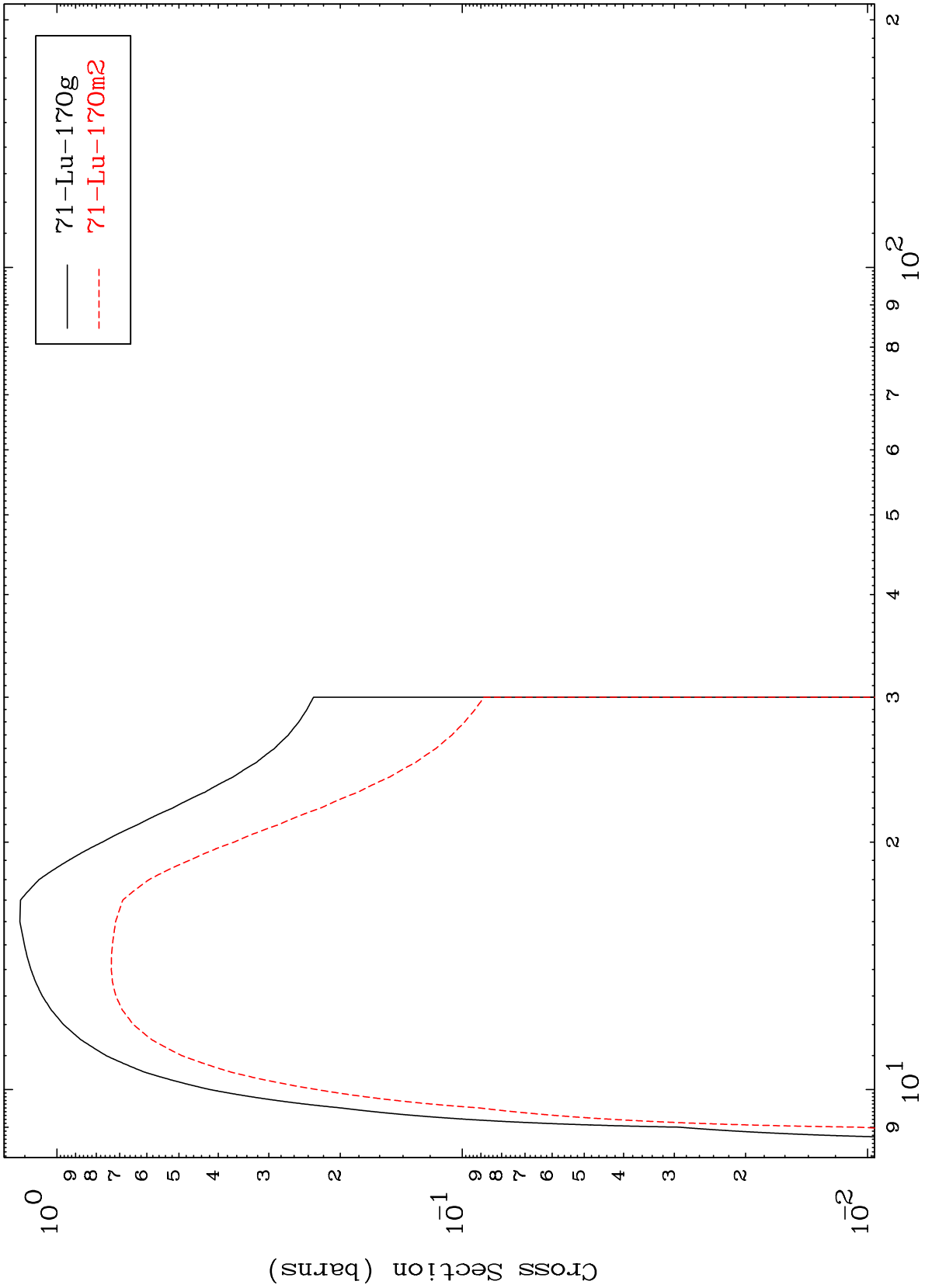
79

71-Lu-171

MAT 7113

71-Lu-171

(n,2n)
Radionuclide Production Cross Section



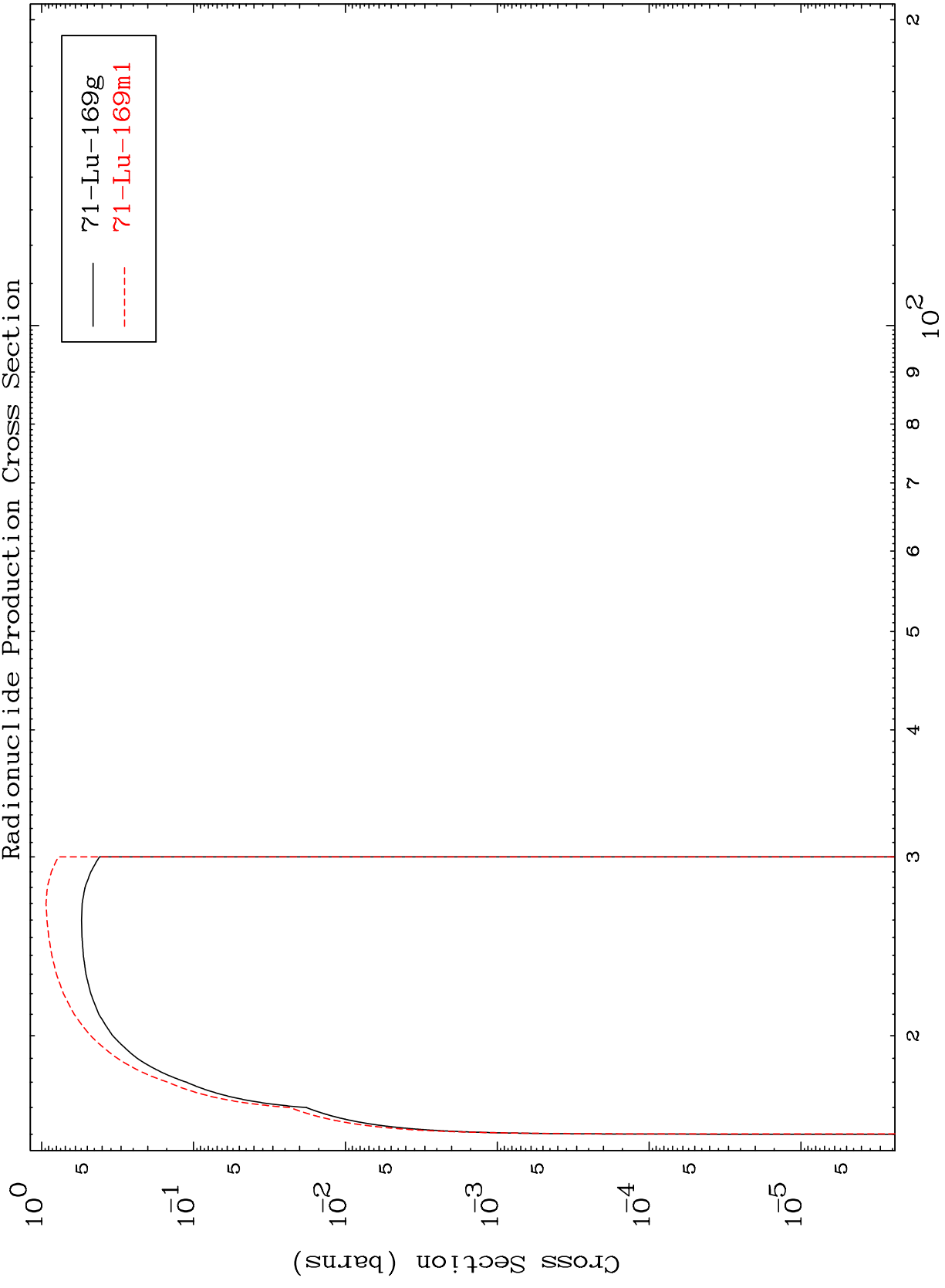
80

71-Lu-171

MAT 7113

71-Lu-171

(n,3n)
Radionuclide Production Cross Section



81

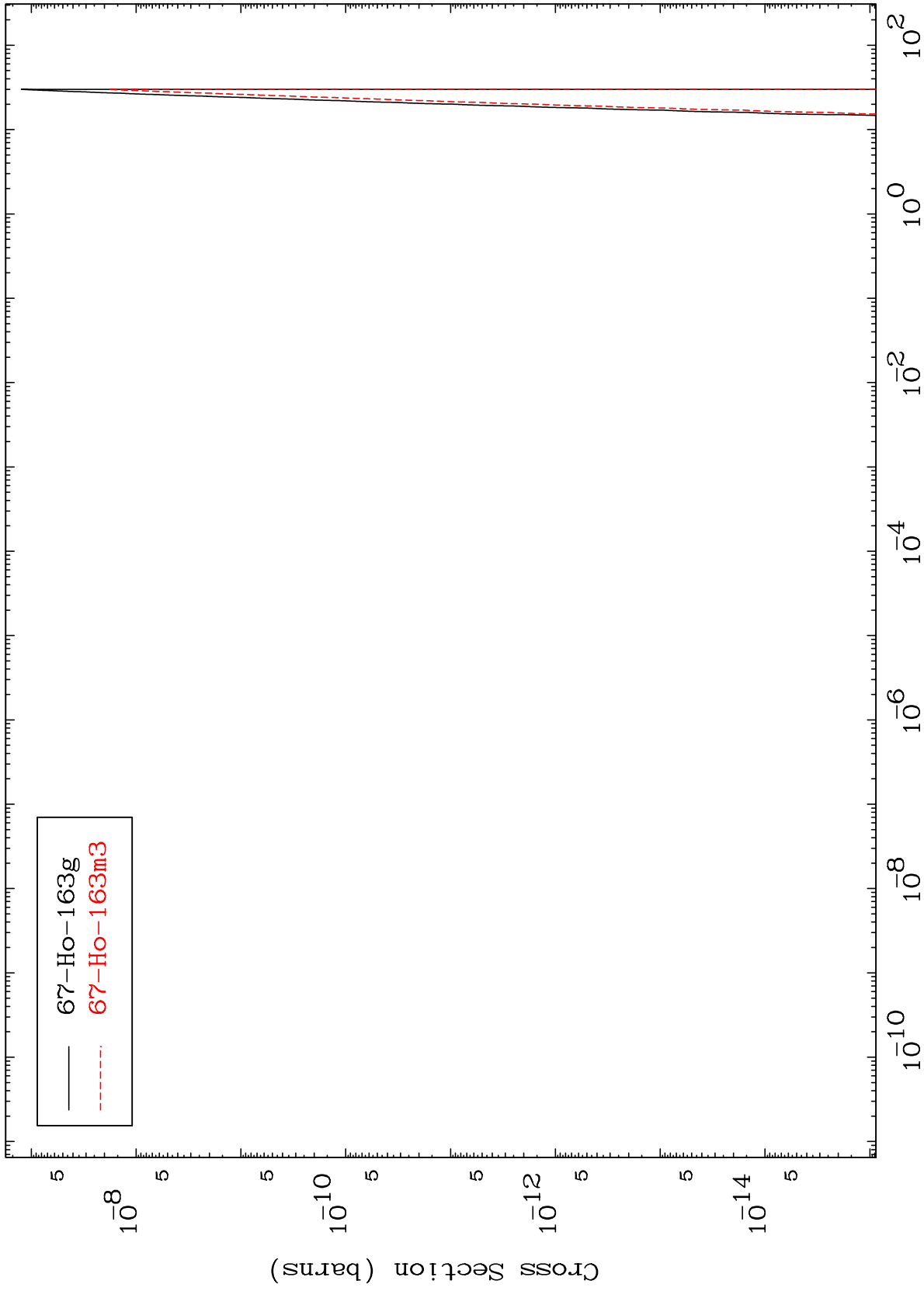
71-Lu-171

MAT 7113

(n,n') 2 α

71-Lu-171

Radionuclide Production Cross Section



82

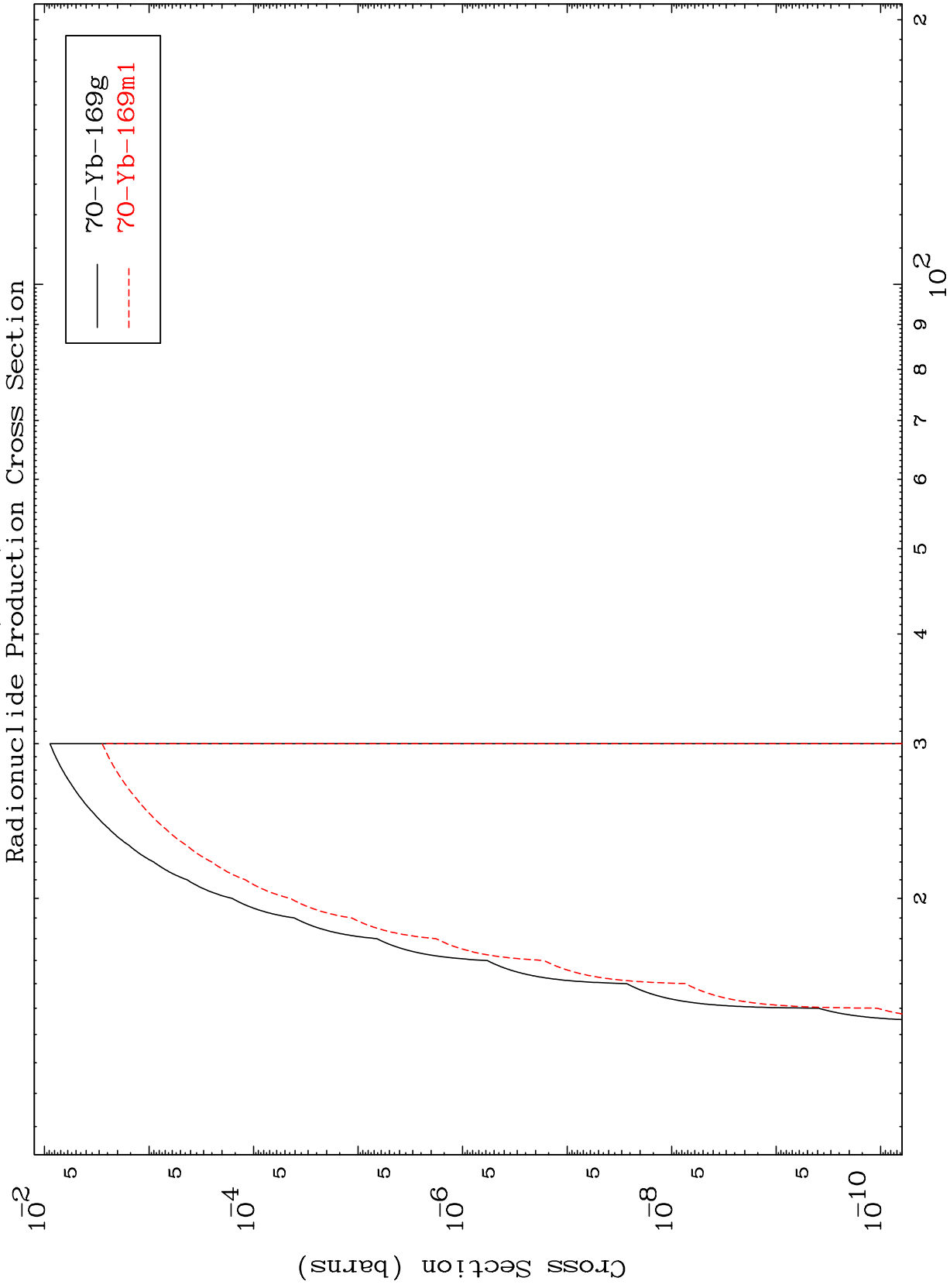
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n, n') d

71-Lu-171



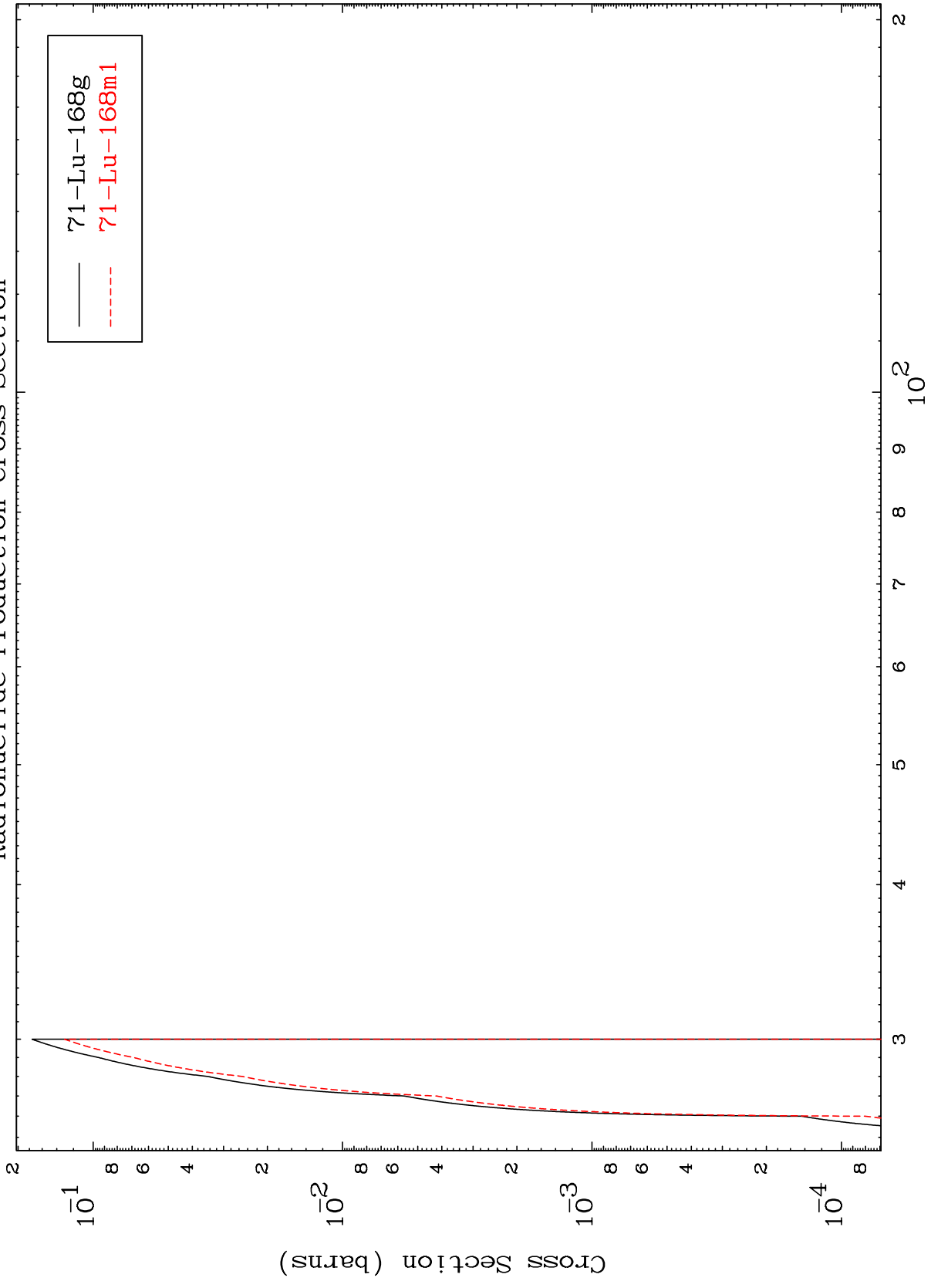
83

71-Lu-171

MAT 7113

⁷¹Lu-171

(n,4n)
Radionuclide Production Cross Section



84

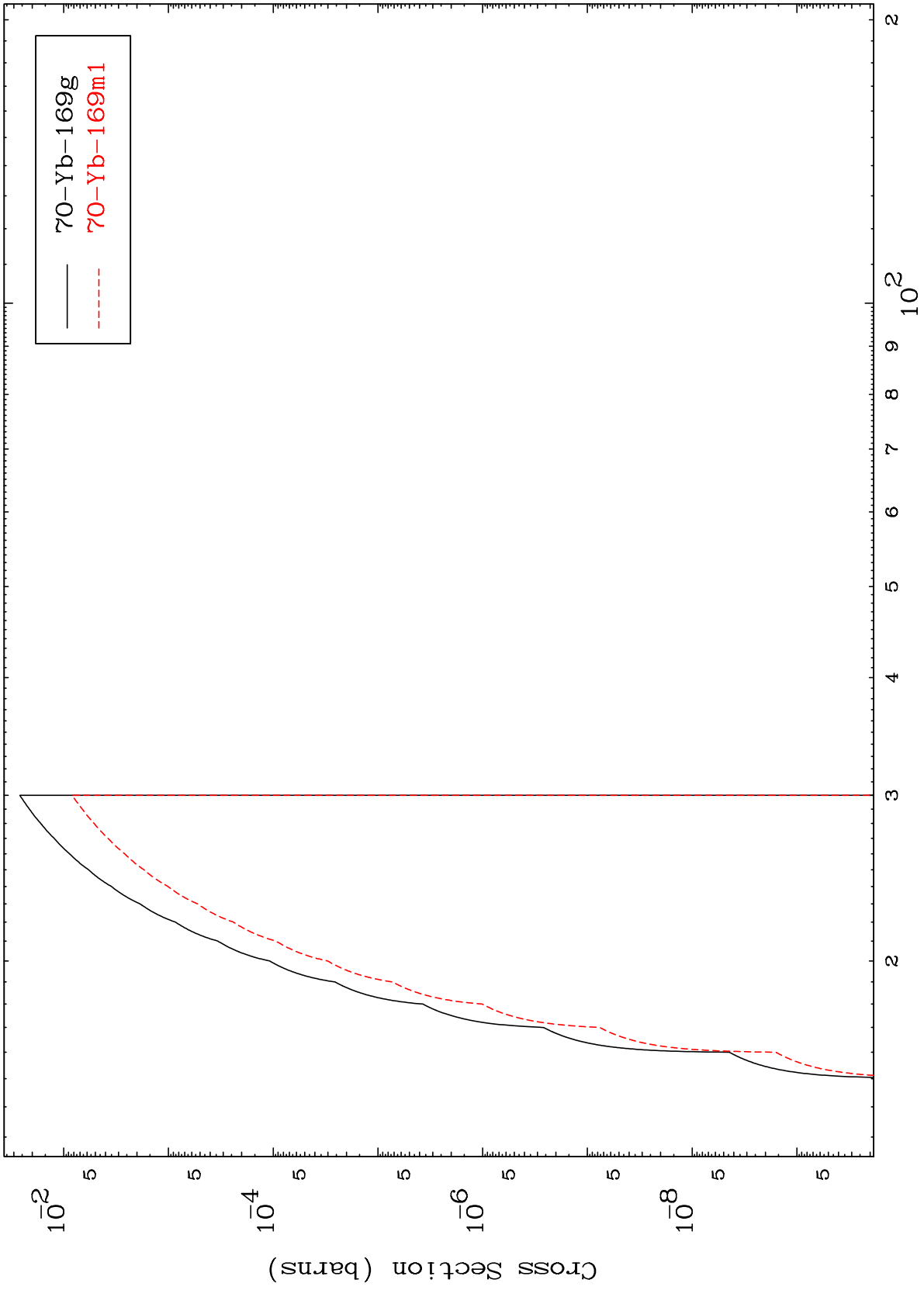
⁷¹Lu-171

MAT 7113

(n,2n) p

71-Lu-171

Radionuclide Production Cross Section



85

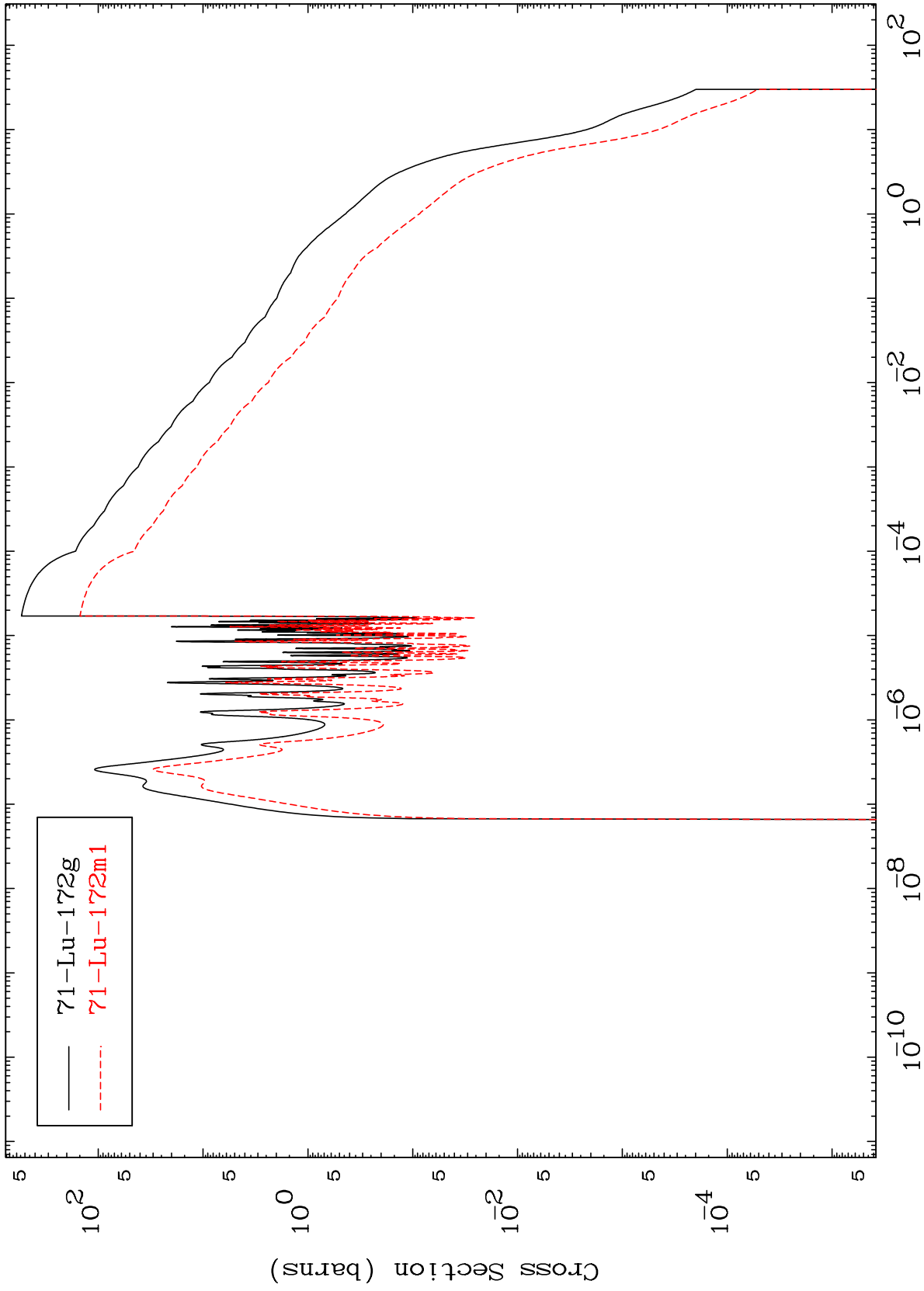
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section (n,γ)



86

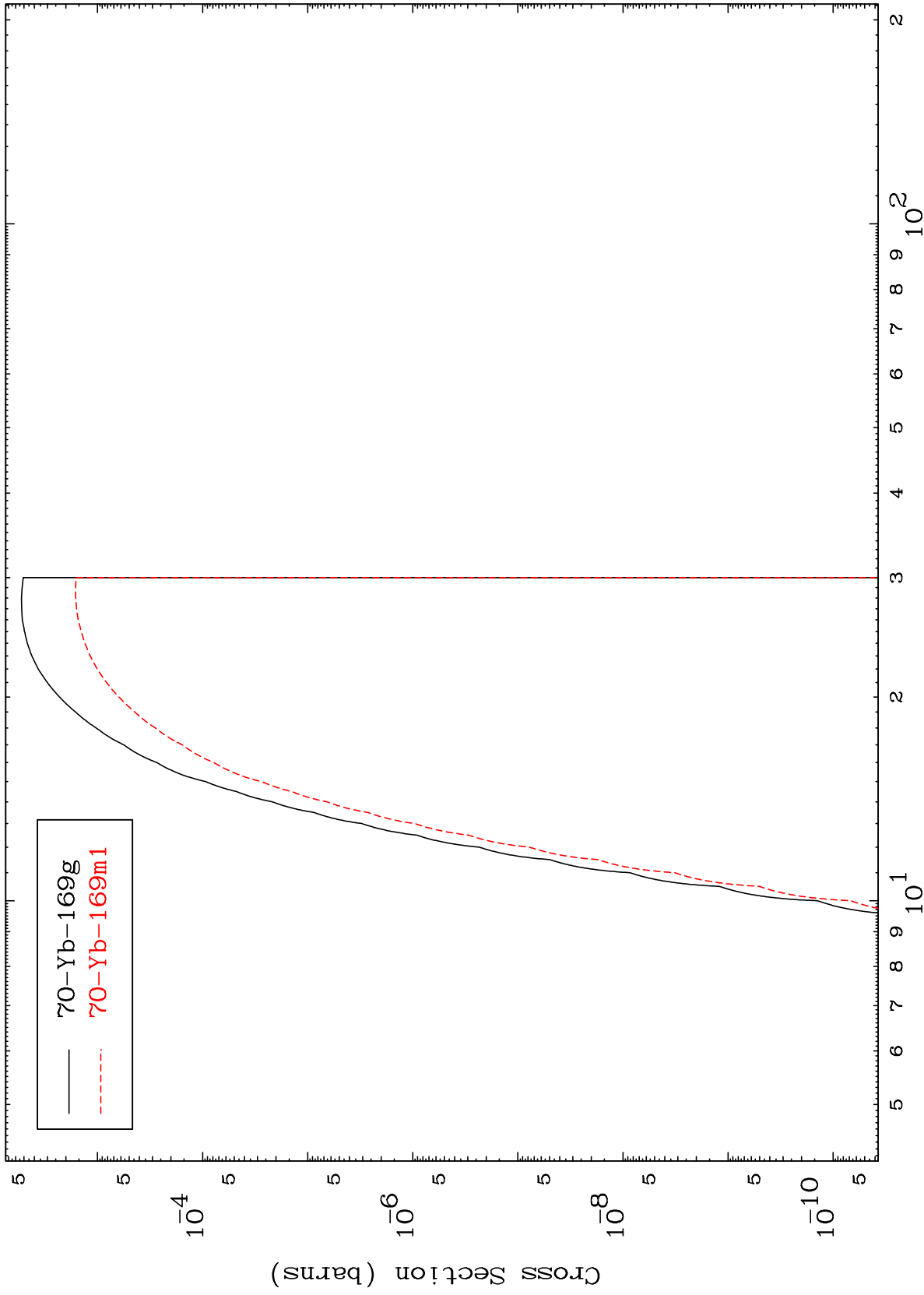
71-Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section

(n, t)



87

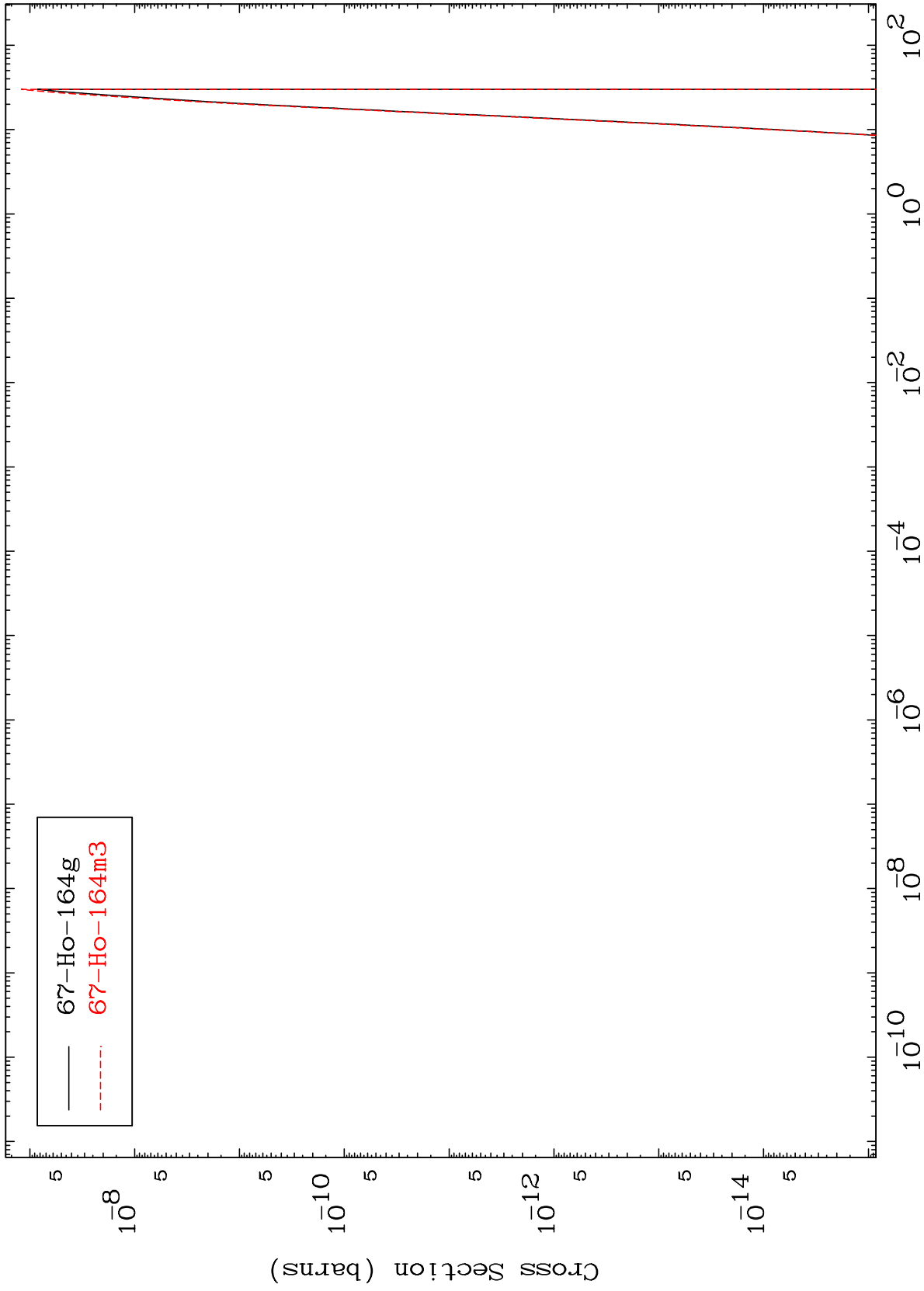
71-Lu-171

MAT 7113

(n,2α)

71-Lu-171

Radionuclide Production Cross Section



88

Incident Energy (MeV)

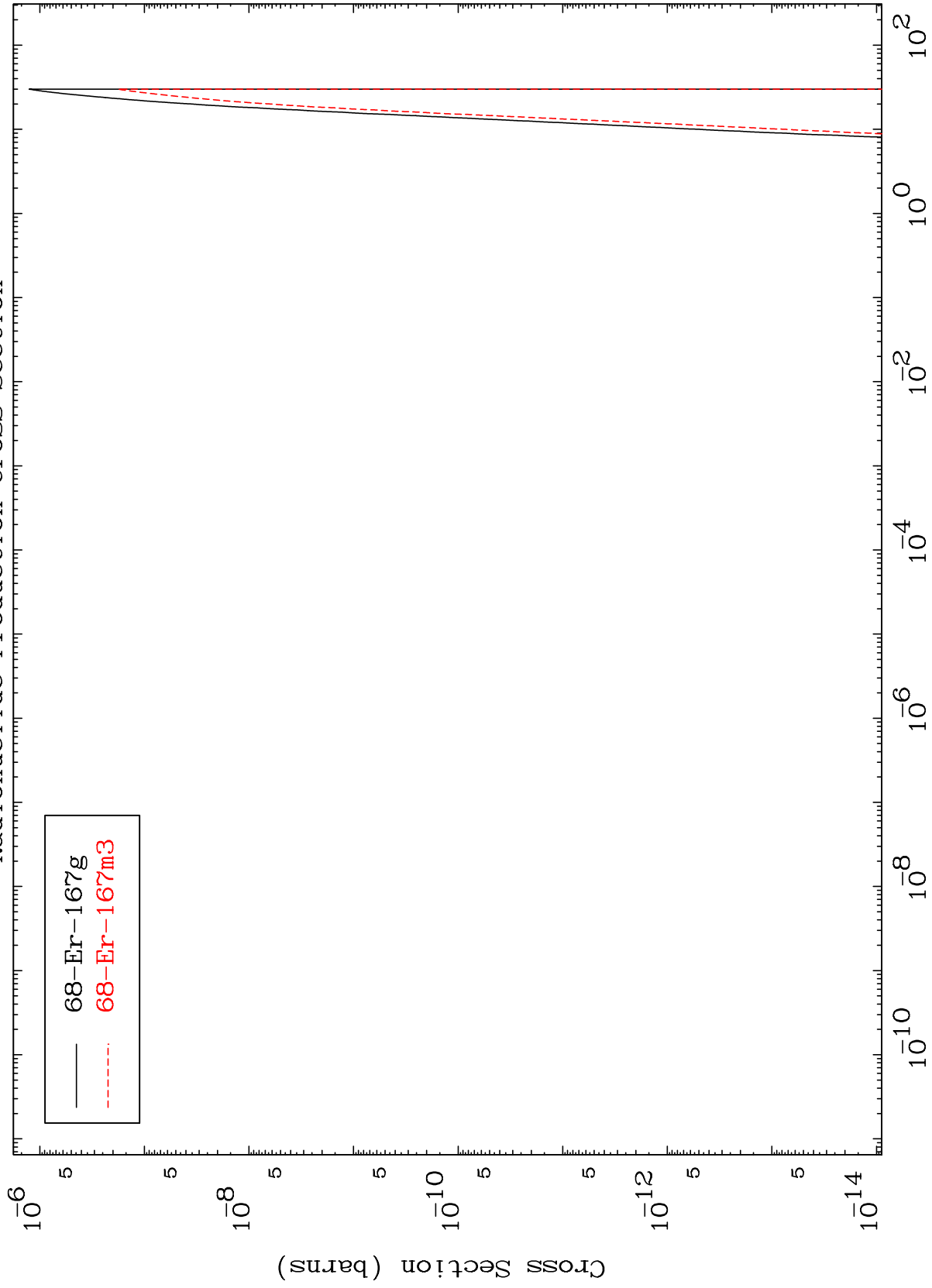
71-Lu-171

MAT 7113

(n,p) α

⁷¹Lu-171

Radionuclide Production Cross Section



89

Incident Energy (MeV)

⁷¹Lu-171