

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

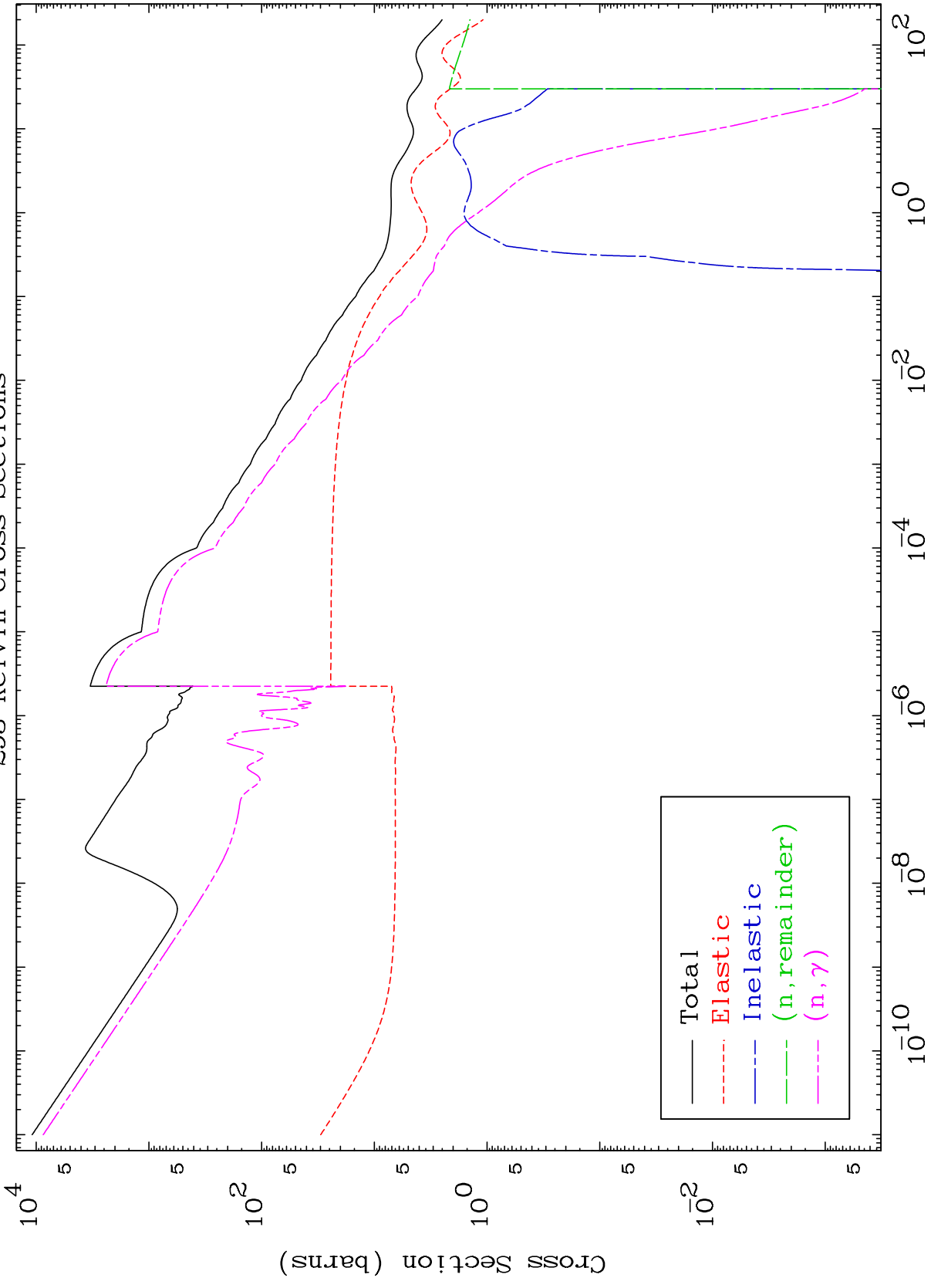
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7080

Major
293 Kelvin Cross Sections

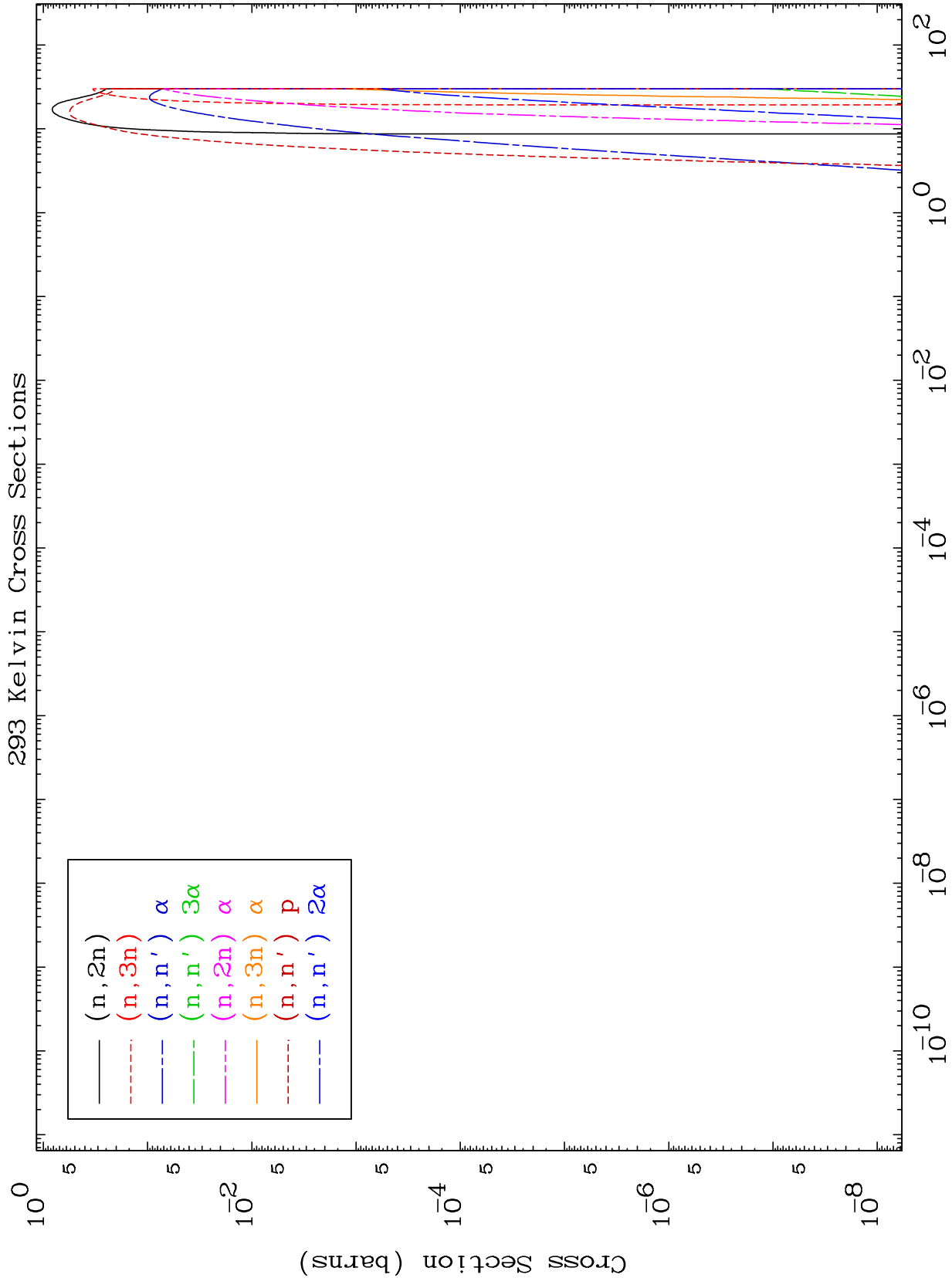
71-Lu-160



MAT 7080

Neutron Production
293 Kelvin Cross Sections

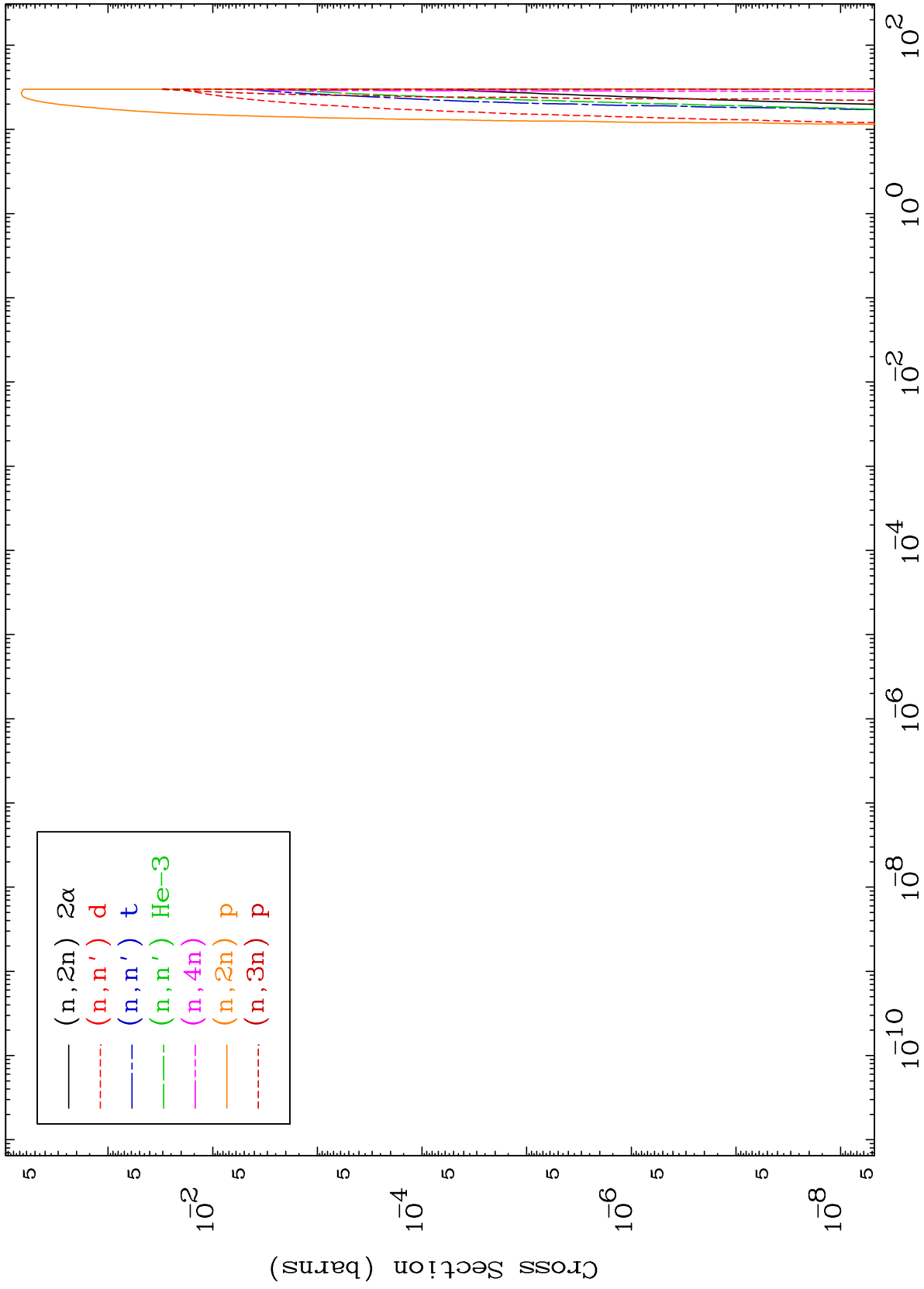
71-Lu-160



MAT 7080

Neutron Production
293 Kelvin Cross Sections

71-Lu-160



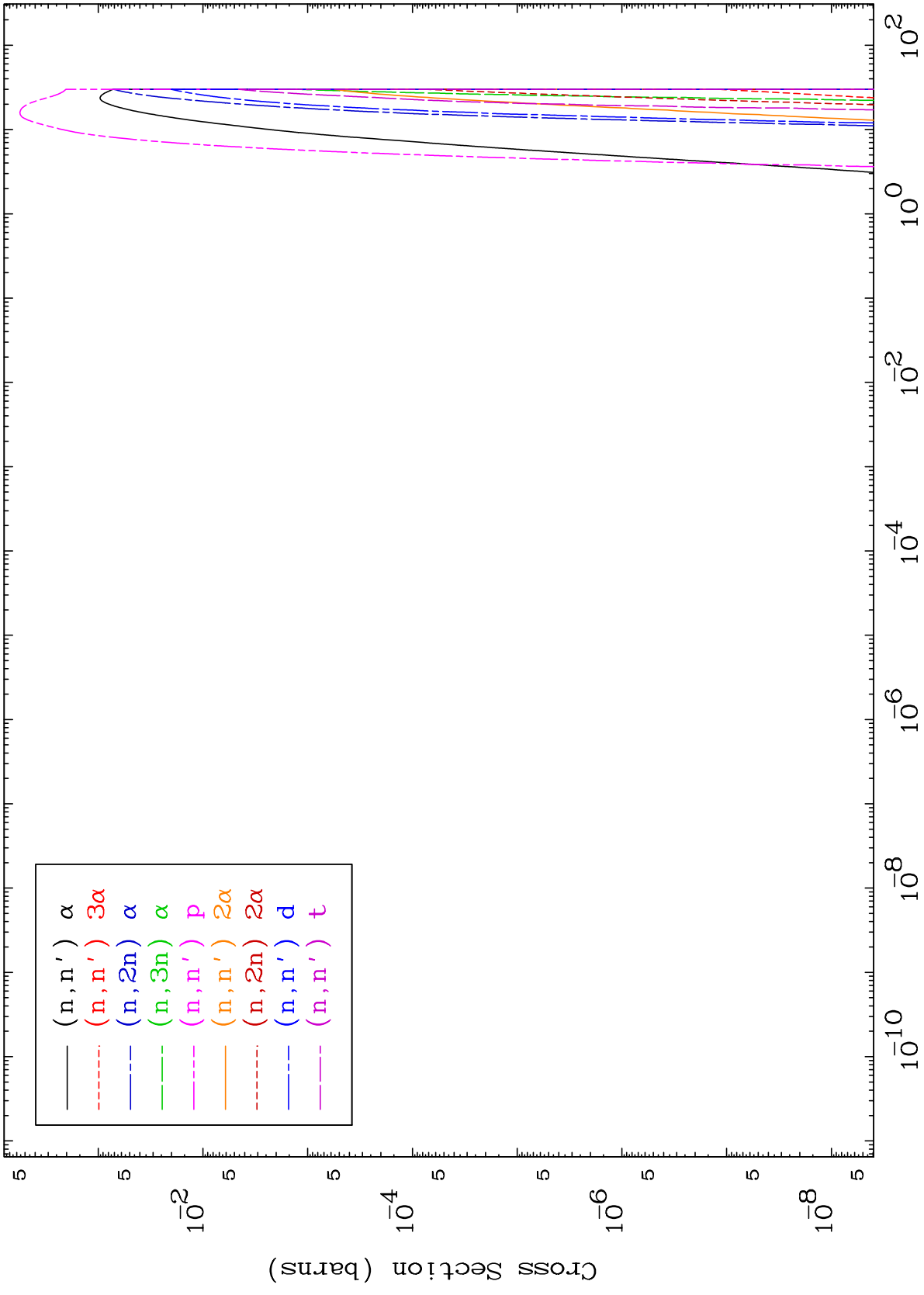
3

71-Lu-160

MAT 7080

293 Charged Particle
Kelvin Cross Sections

71-Lu-160

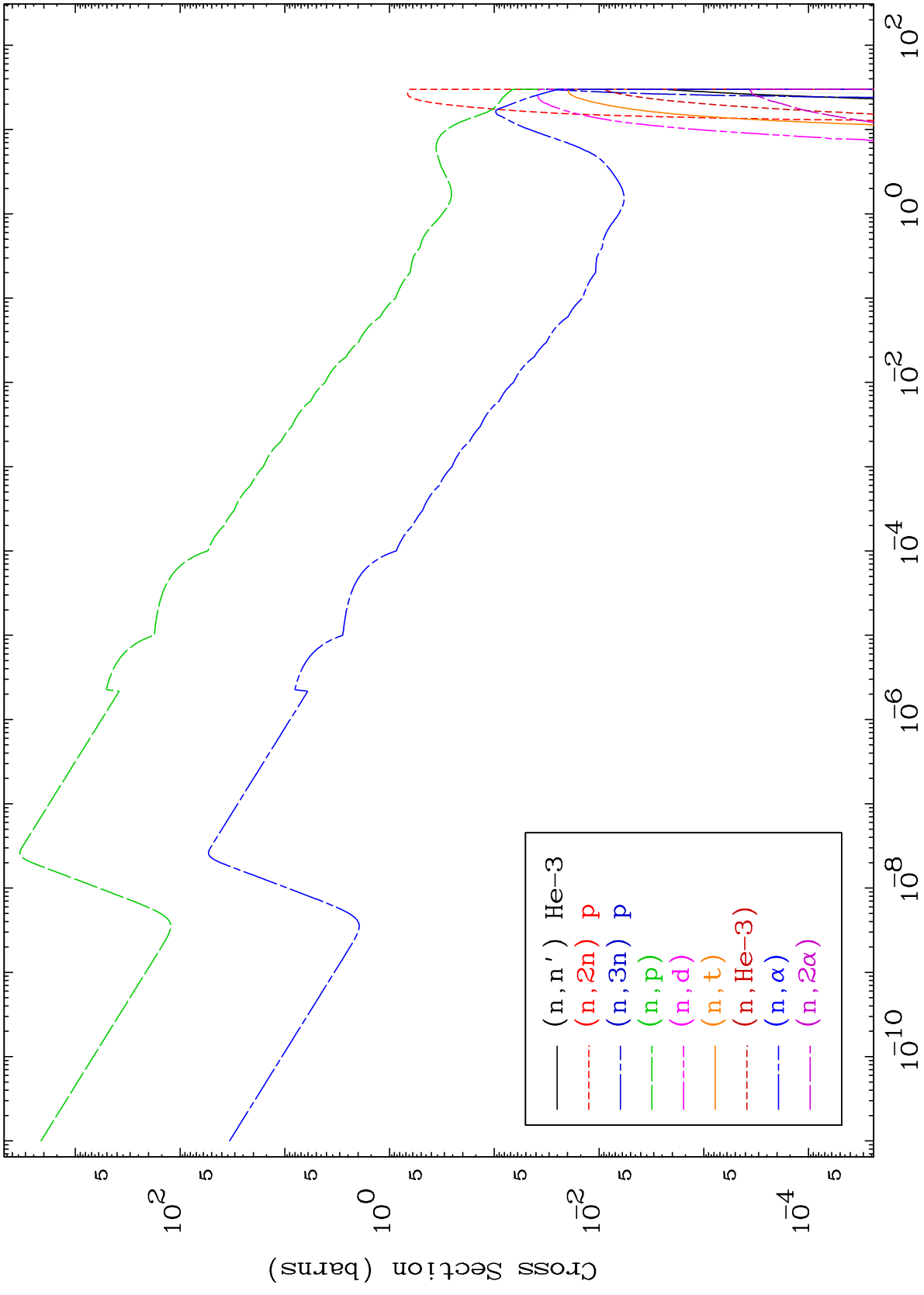


71-Lu-160

MAT 7080

Charged Particle
293 Kelvin Cross Sections

71-Lu-160

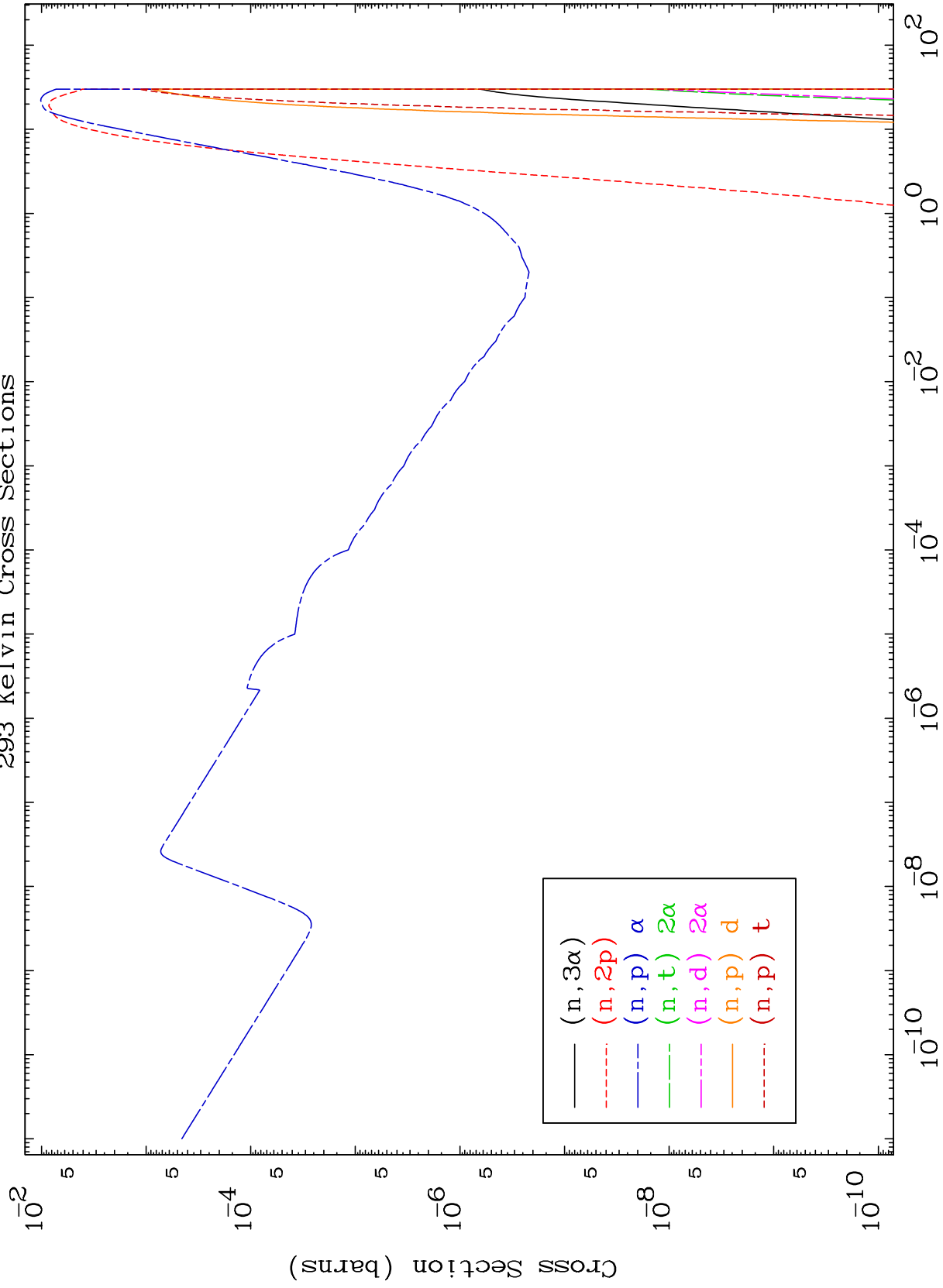


71-Lu-160

MAT 7080

Charged Particle
293 Kelvin Cross Sections

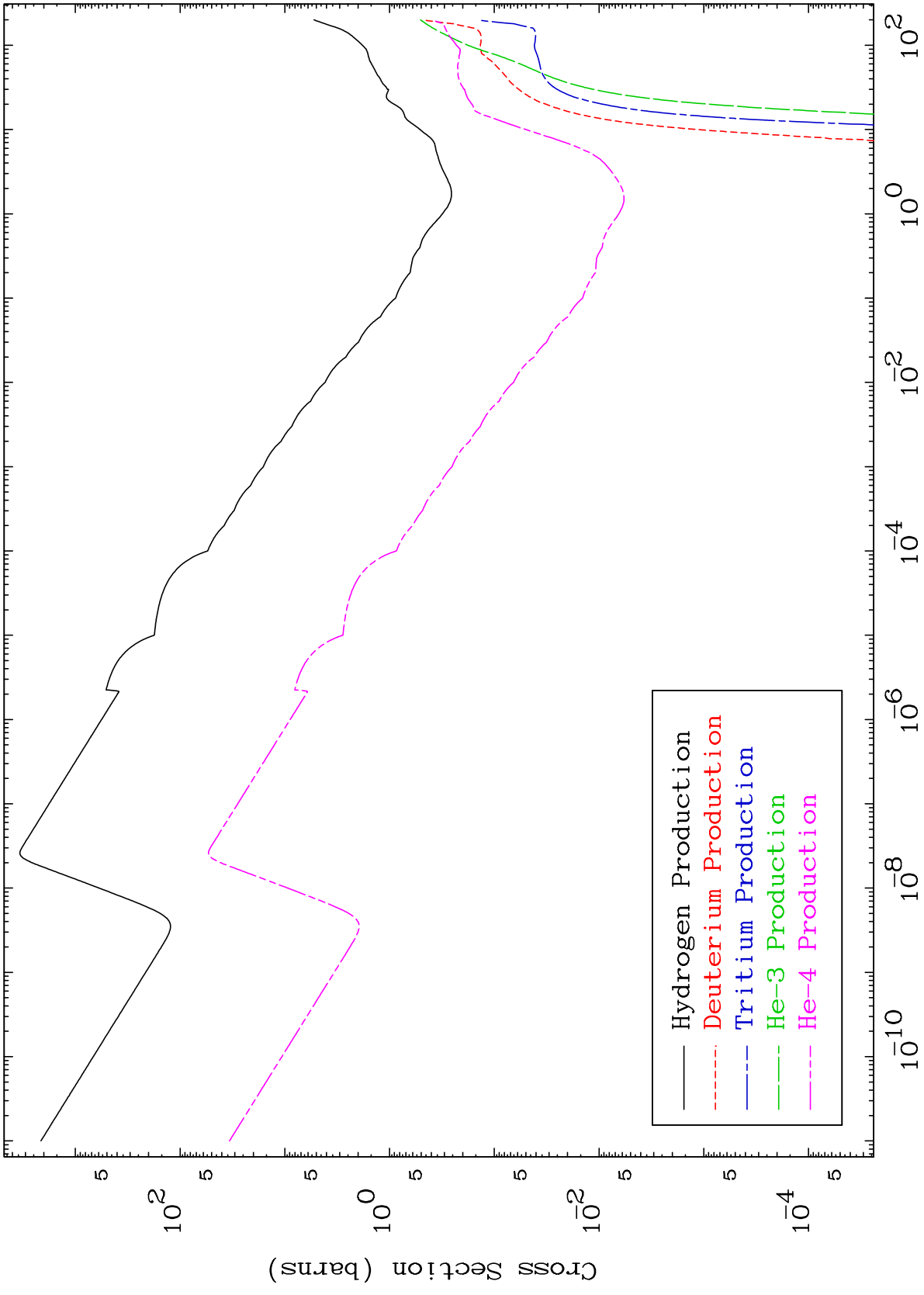
71-Lu-160



MAT 7080

Particle Production
293 Kelvin Cross Sections

71-Lu-160



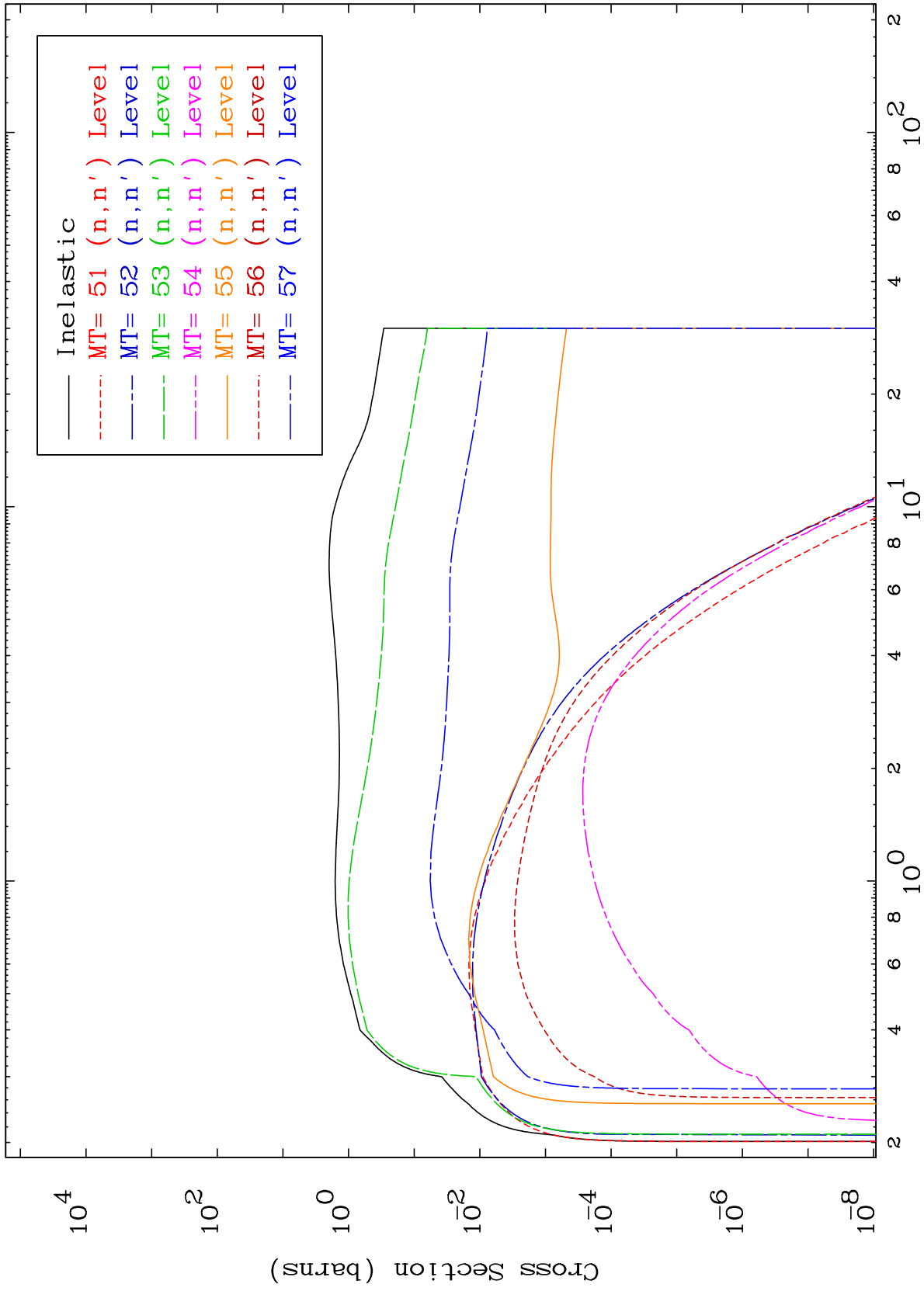
71-Lu-160

Incident Energy (MeV)

MAT 7080

(n,n') Level
293 Kelvin Cross Sections

71-Lu-160



8

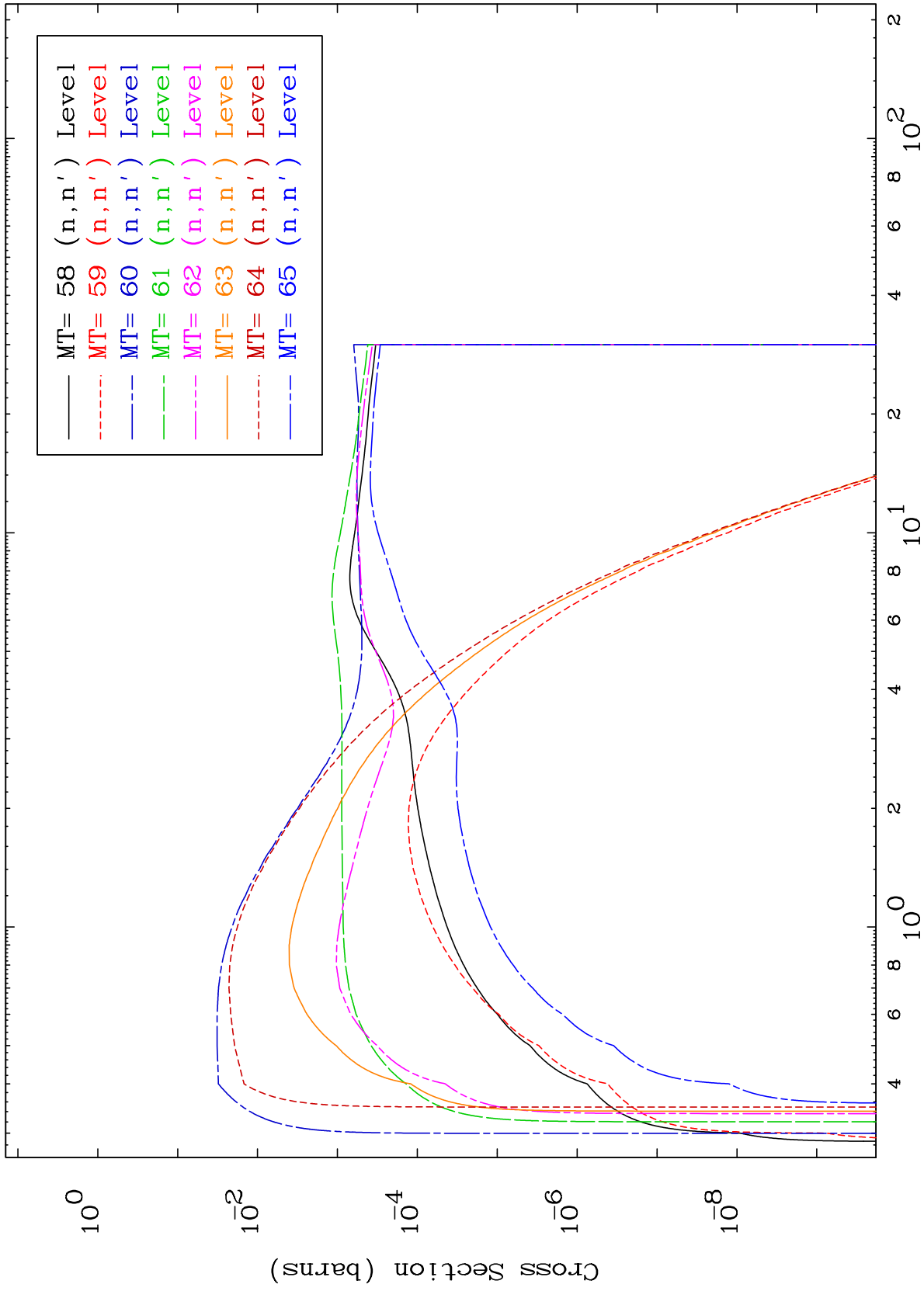
Incident Energy (MeV)

71-Lu-160

MAT 7080

(n,n') Level
293 Kelvin Cross Sections

71-Lu-160



9

Incident Energy (MeV)

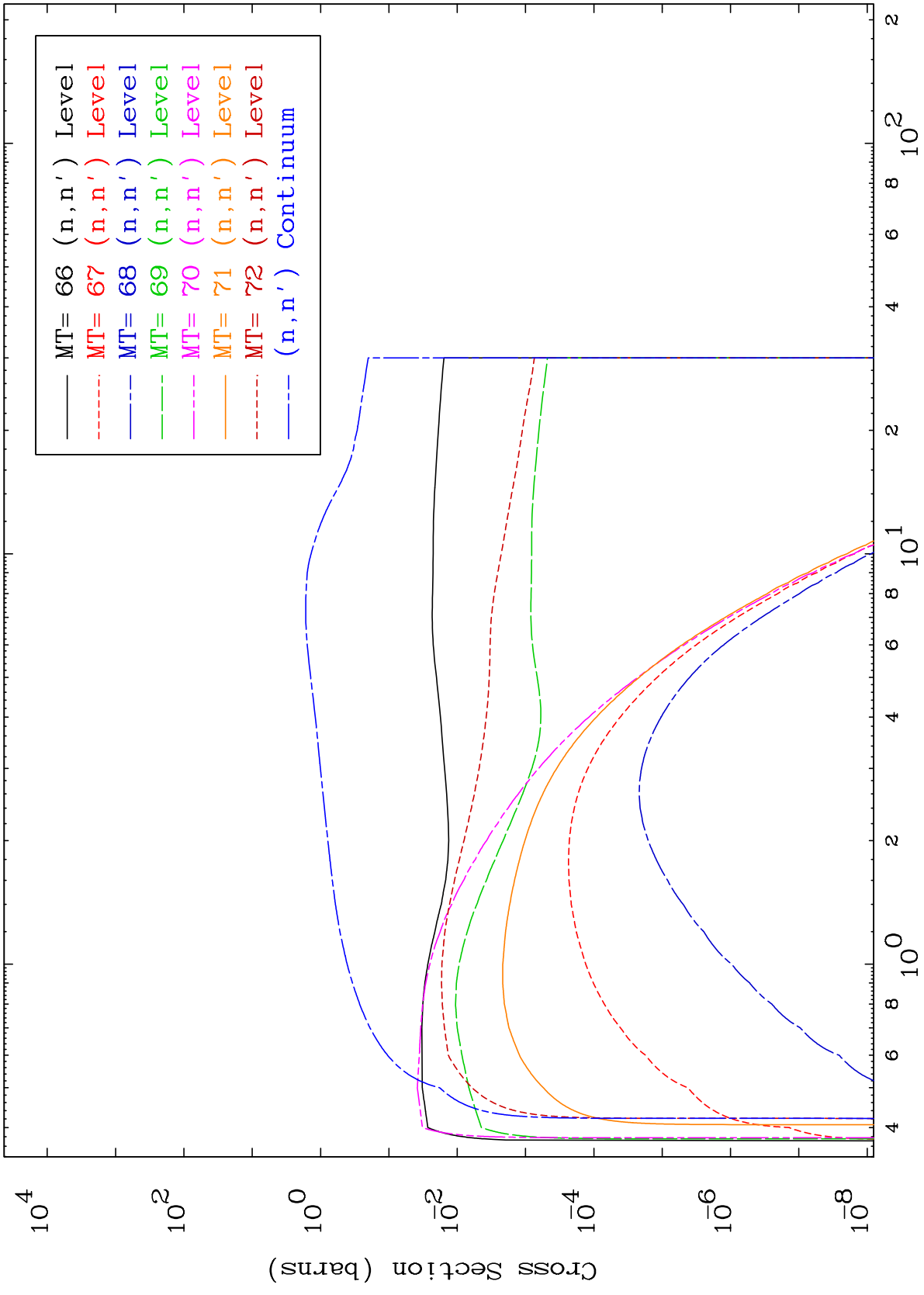
71-Lu-160

MAT 7080

(n,n') Level

71-Lu-160

293 Kelvin Cross Sections



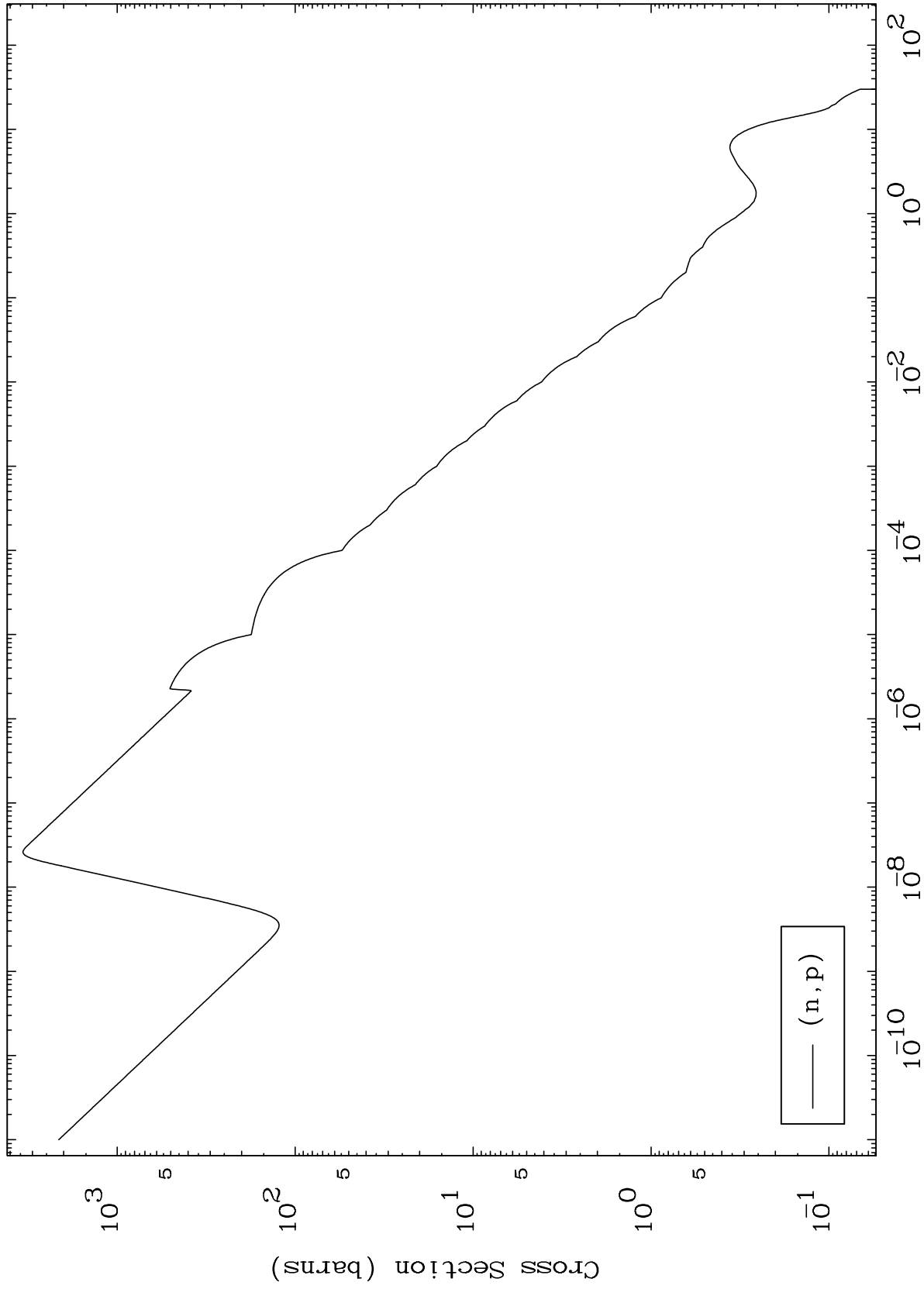
Incident Energy (MeV)

71-Lu-160

MAT 7080

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-160



11

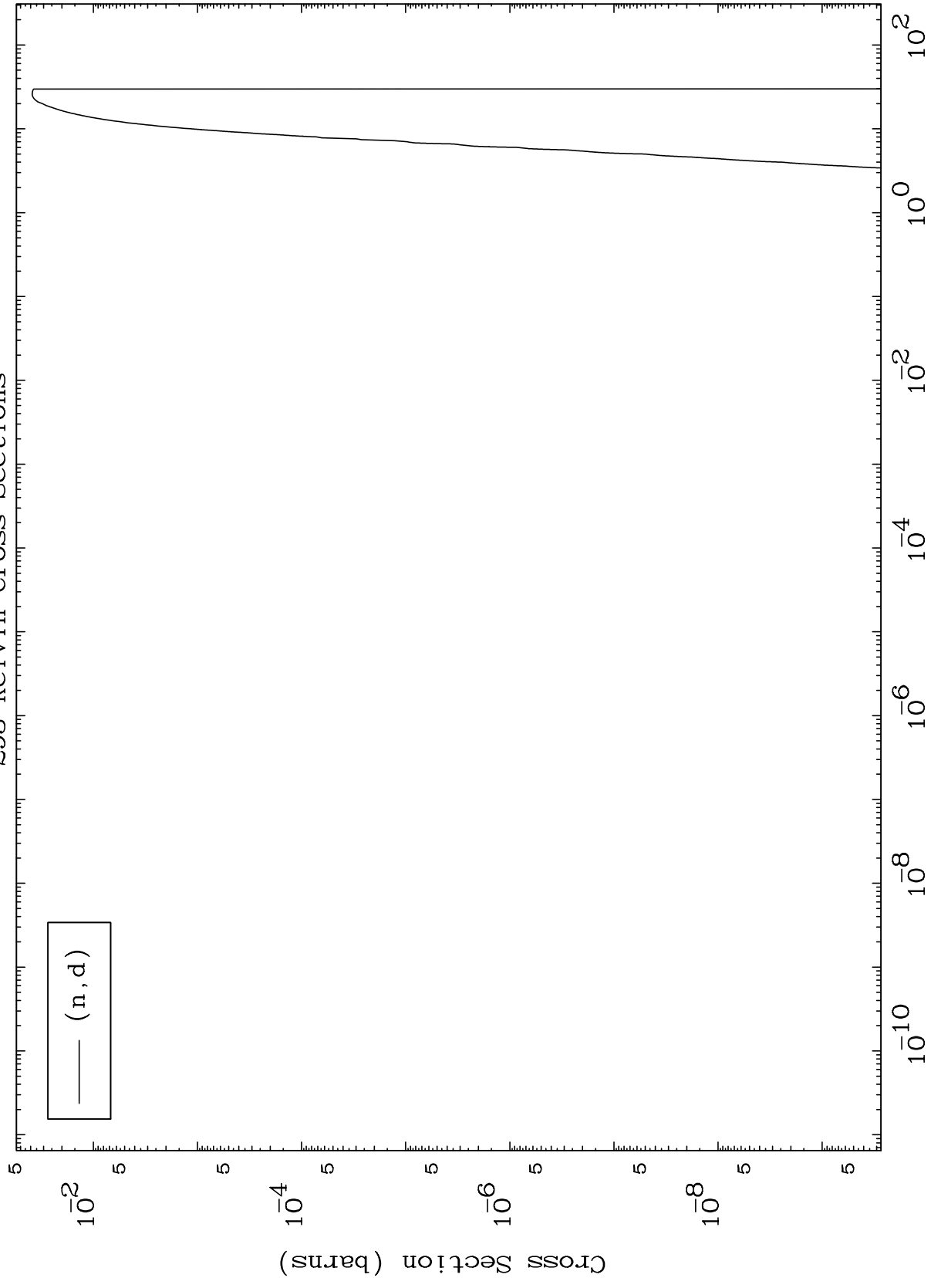
Incident Energy (MeV)

71-Lu-160

MAT 7080

(n,d) Levels
293 Kelvin Cross Sections

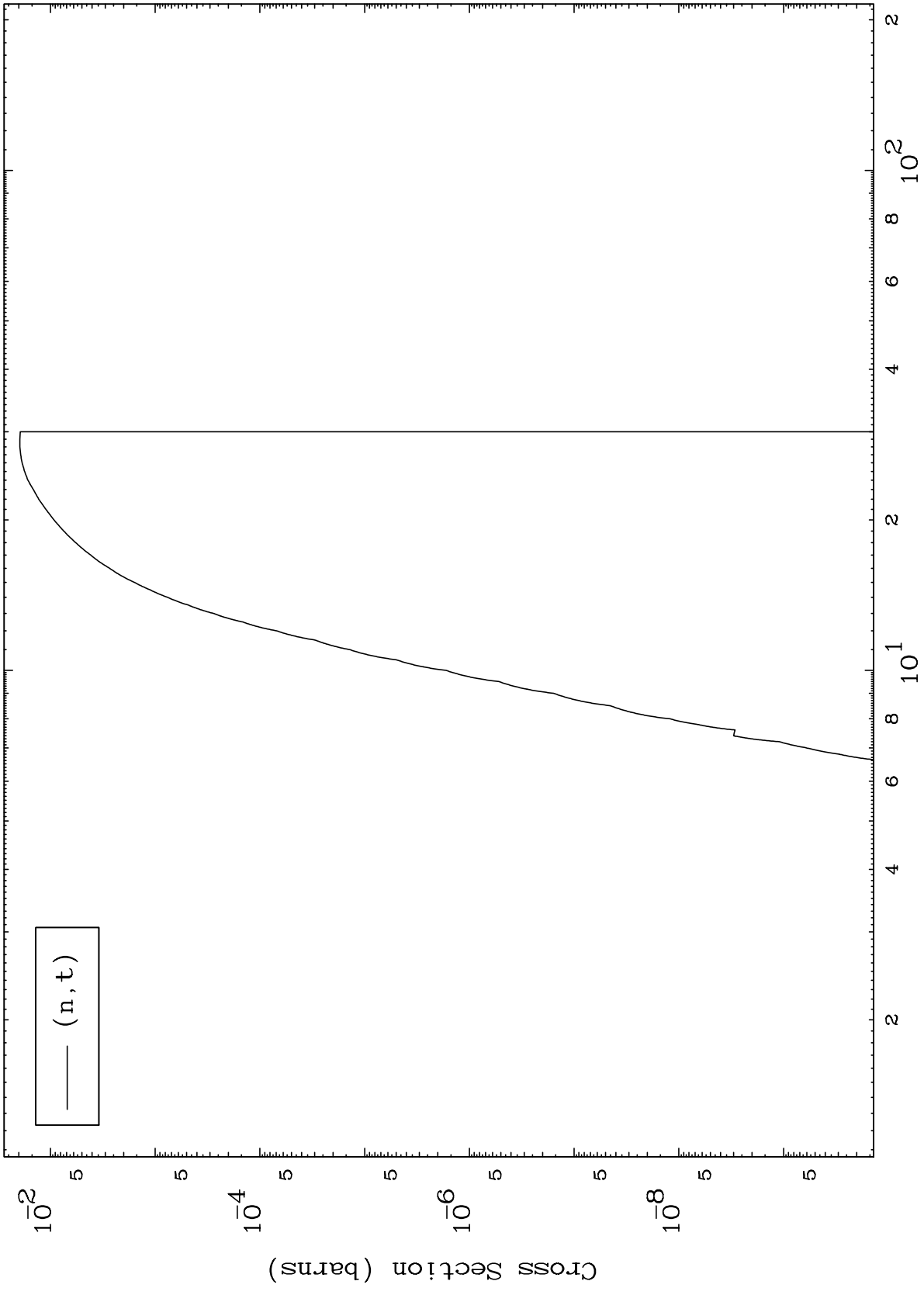
71-Lu-160



MAT 7080

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-160

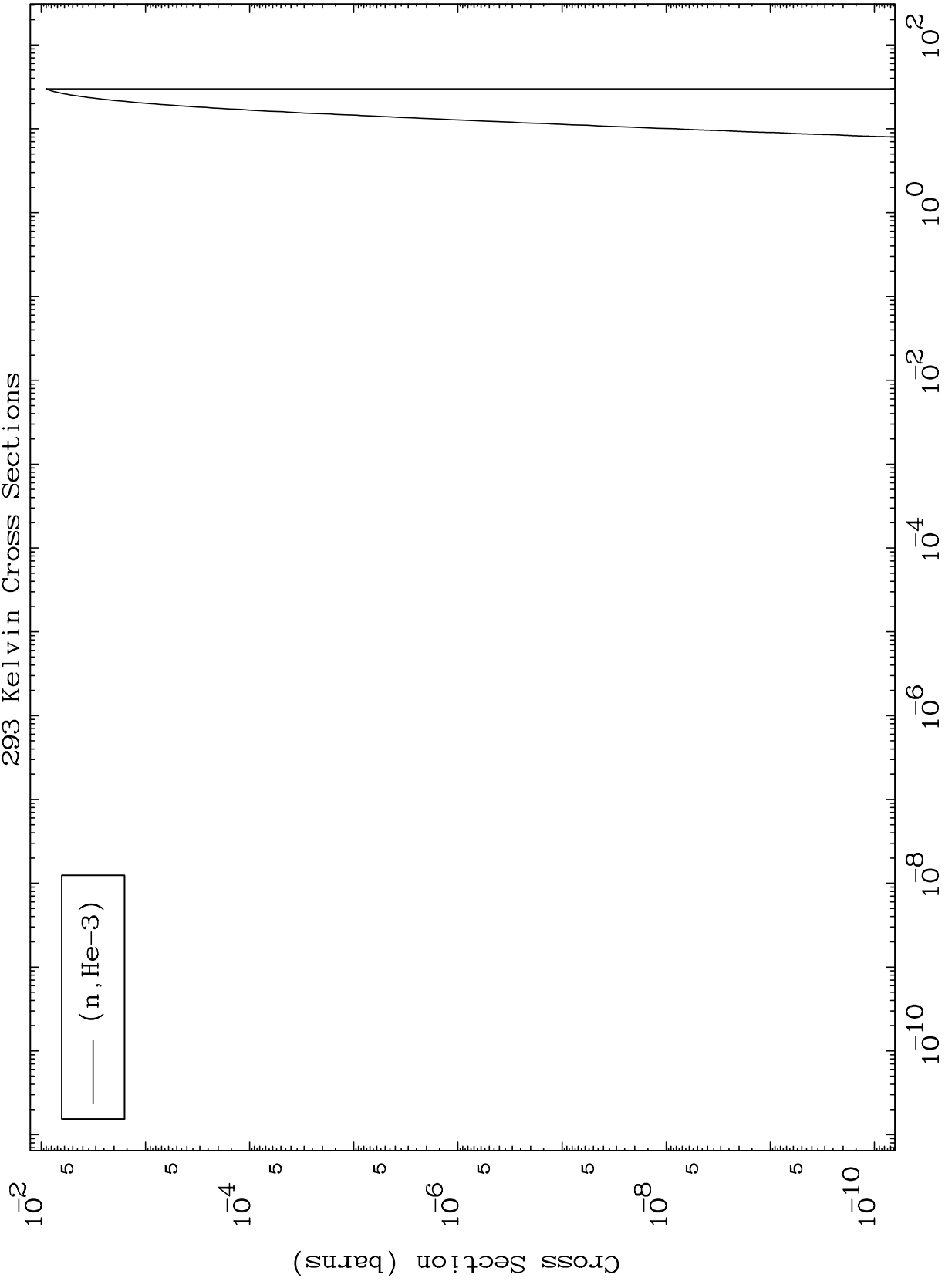


(n,t)

MAT 7080

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-160

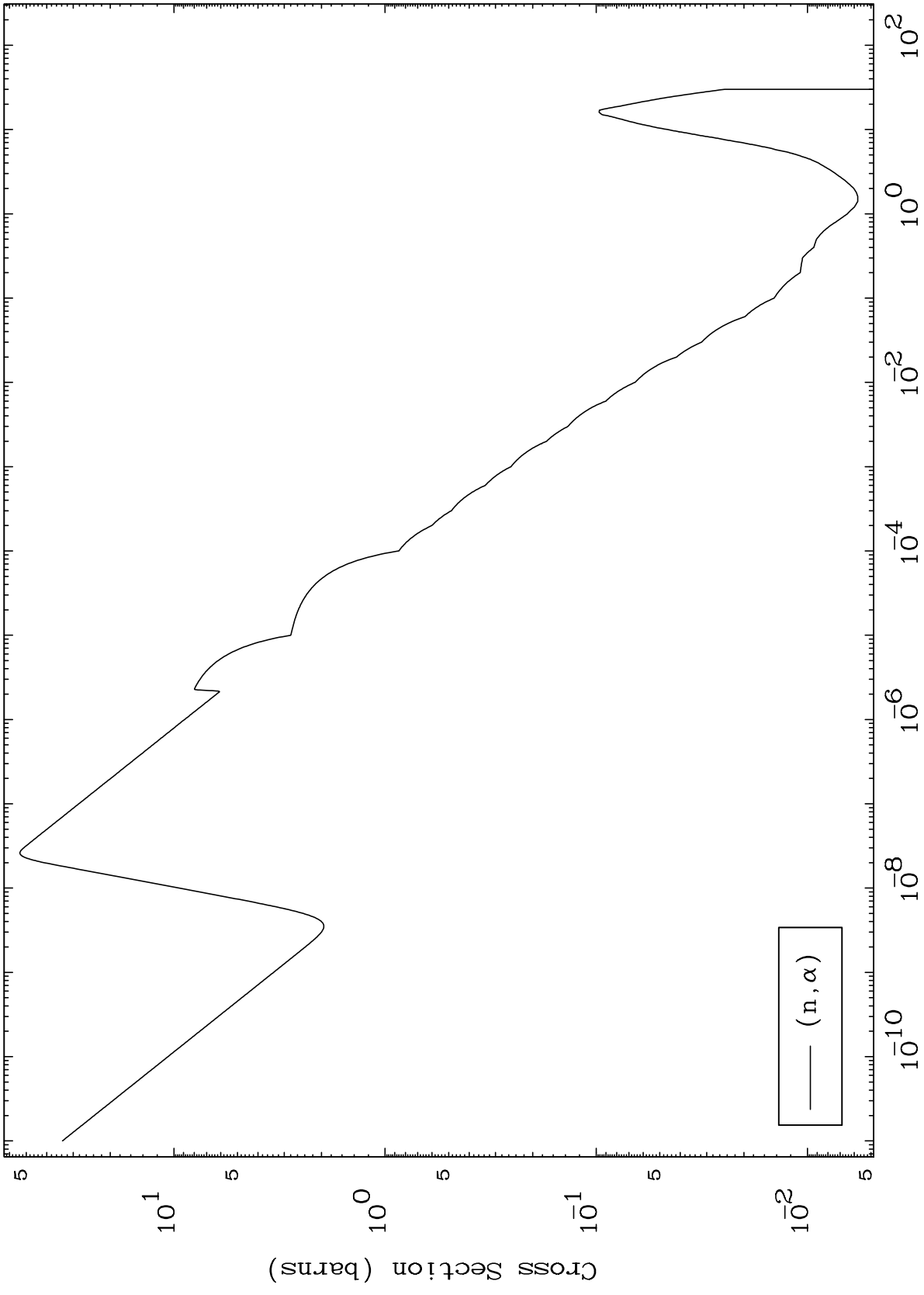


(n, He-3)

MAT 7080

(n,α) Levels
293 Kelvin Cross Sections

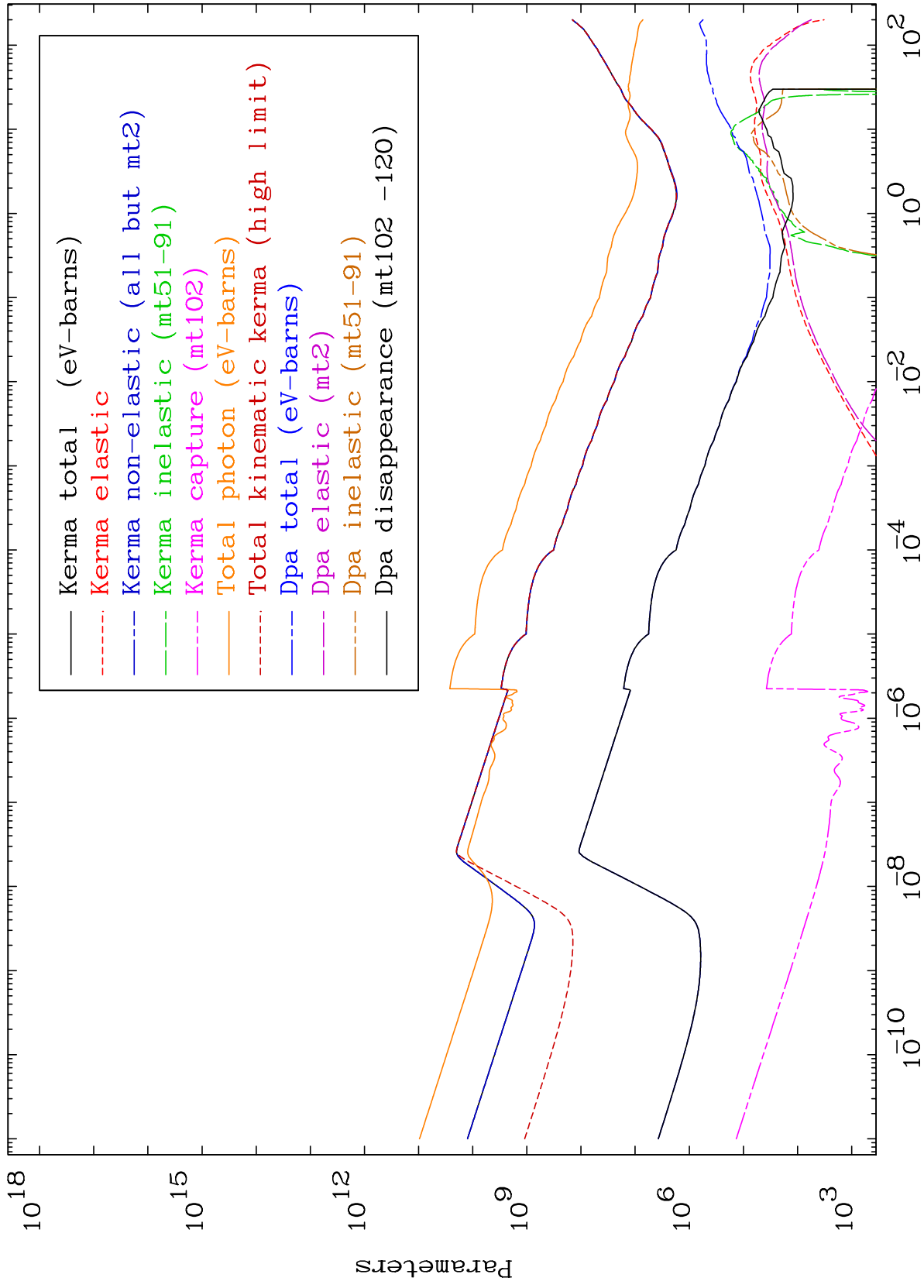
71-Lu-160



15

Incident Energy (MeV)

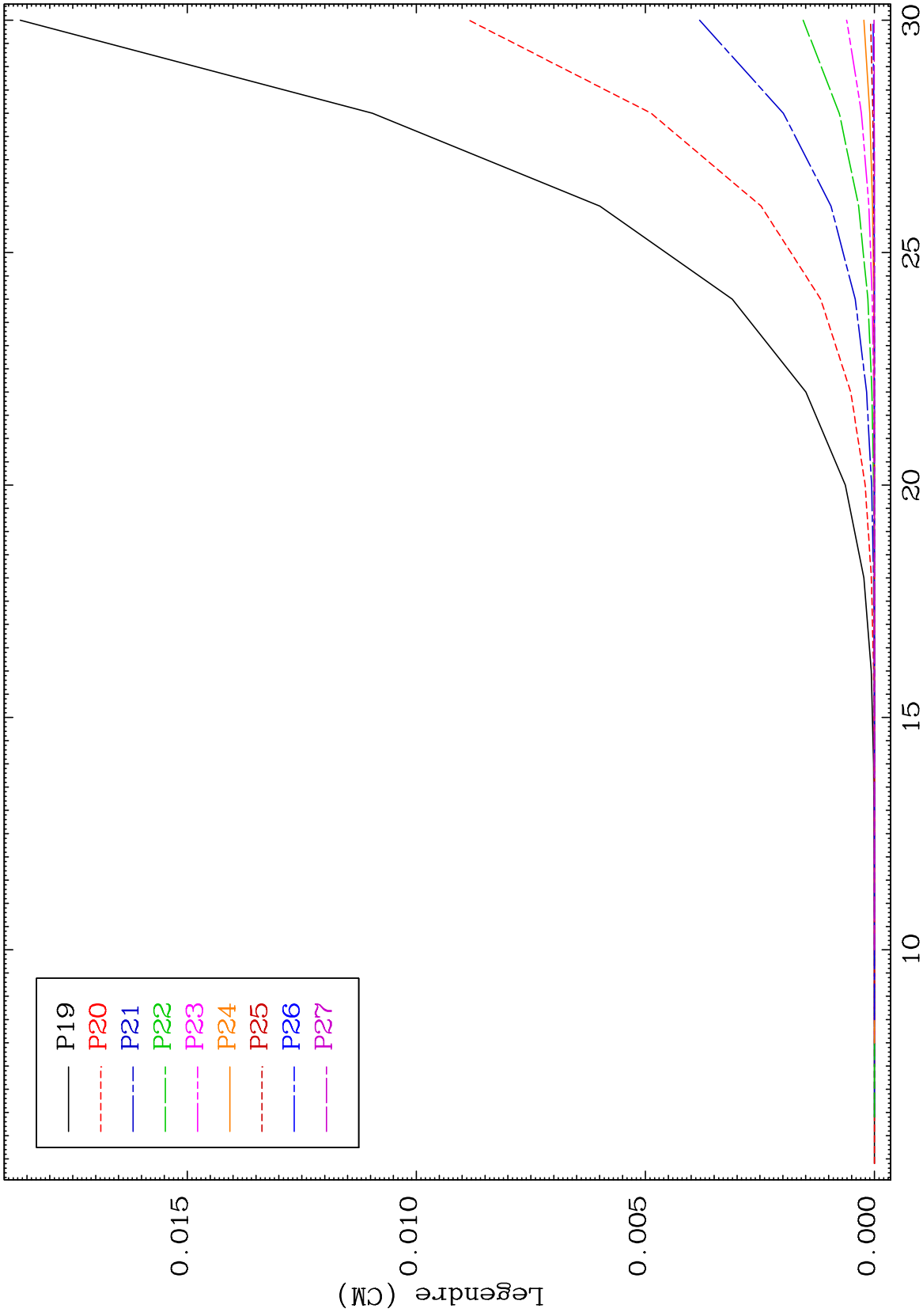
71-Lu-160



MAT 7080

Elastic
Legendre Coefficients

71-Lu-160



19

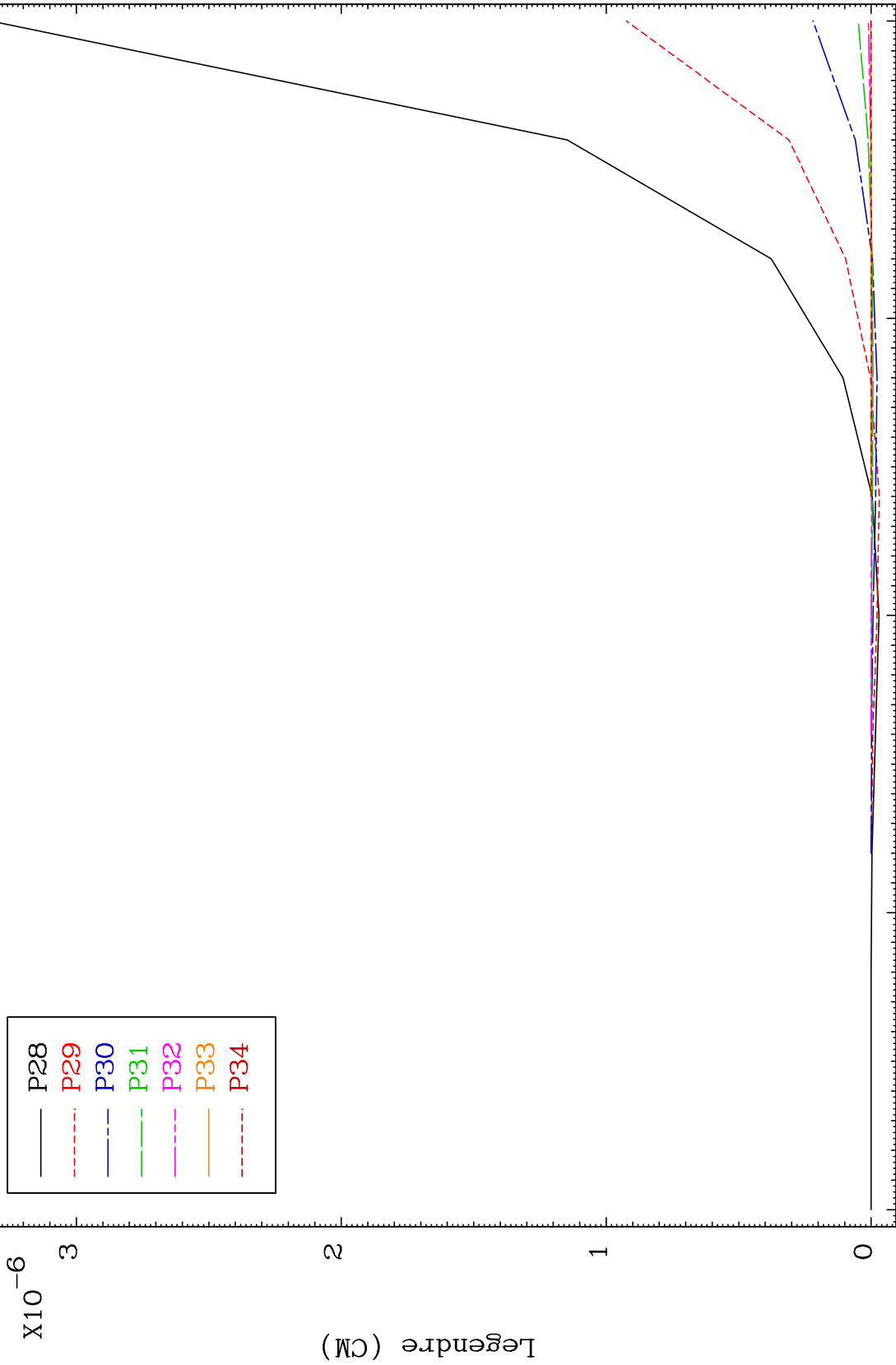
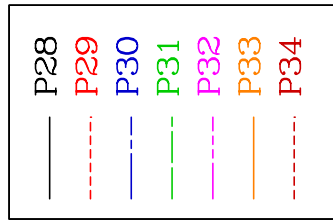
Incident Energy (MeV)

71-Lu-160

MAT 7080

Elastic Legendre Coefficients

71-Lu-160



20

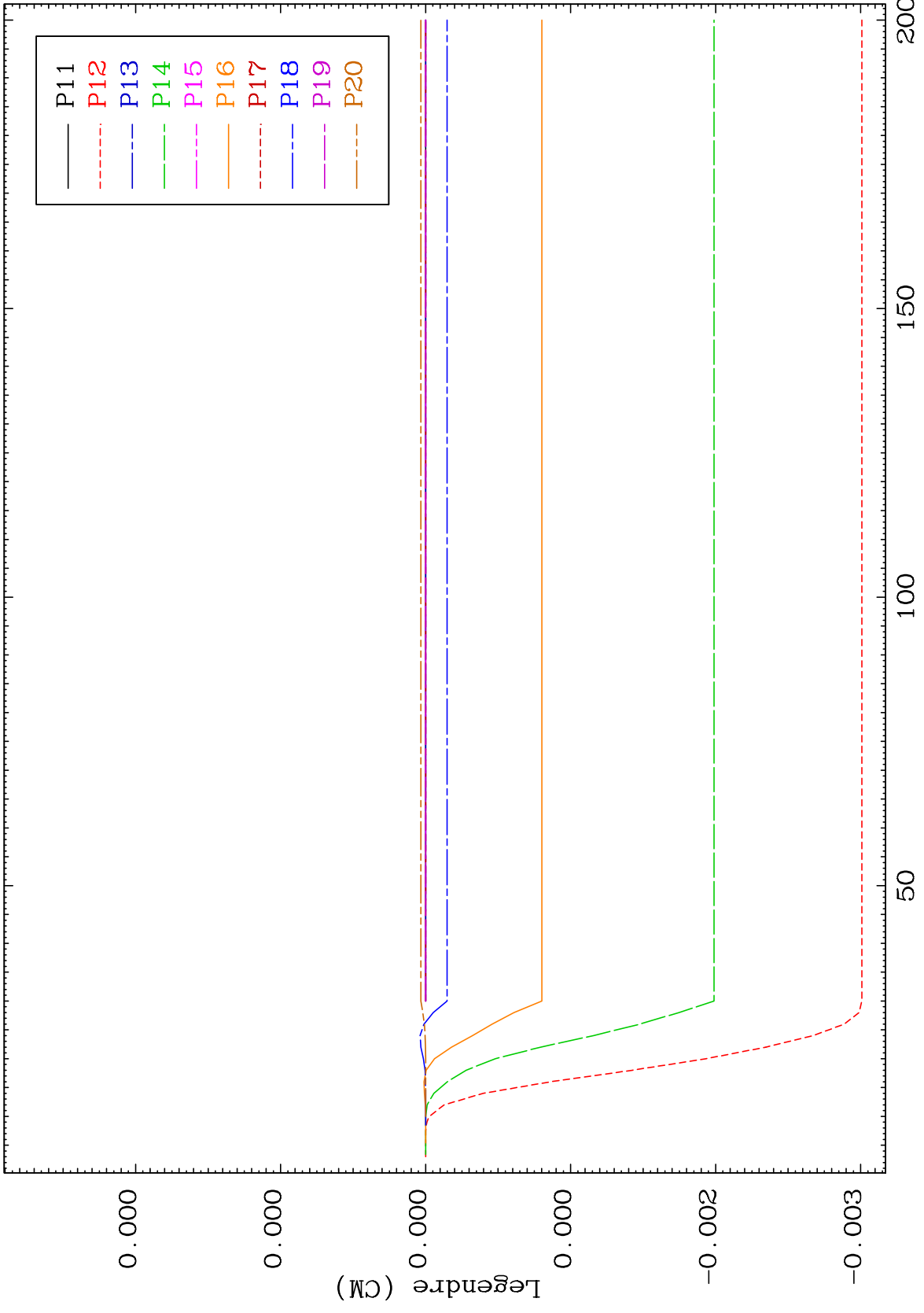
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

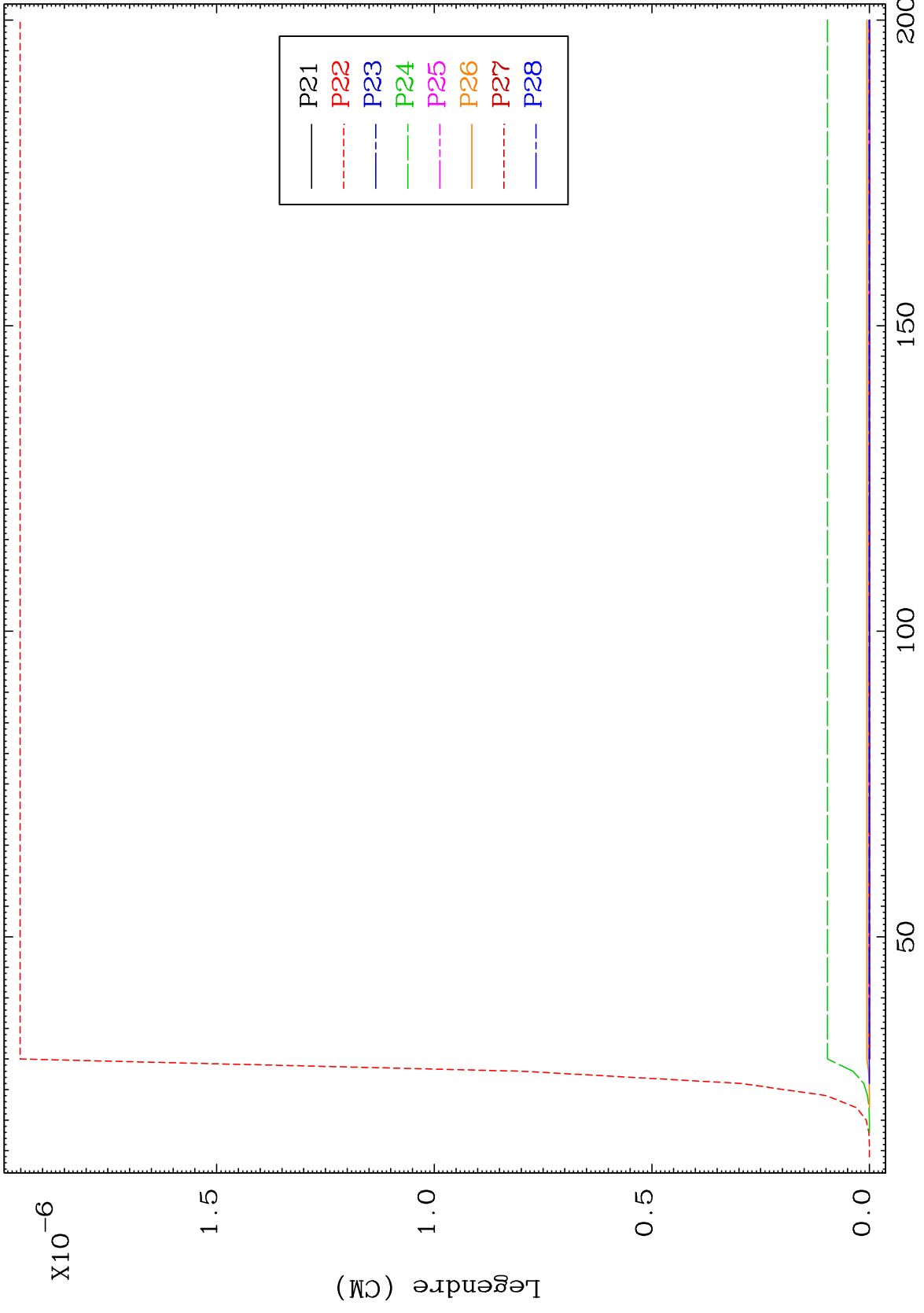


22

Incident Energy (MeV)

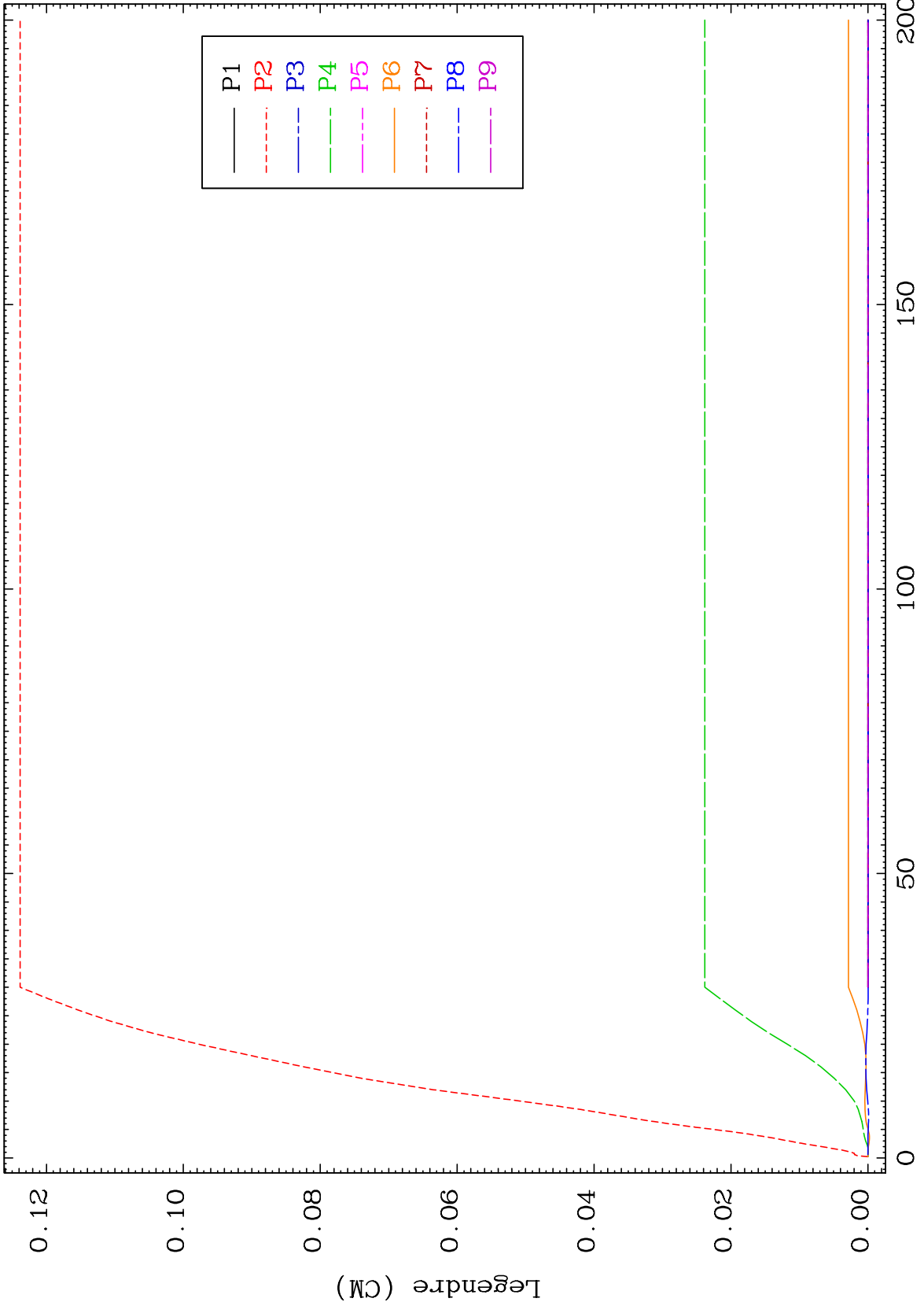
71-Lu-160

MAT 7080 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-160



23 71-Lu-160

MAT 7080 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-160

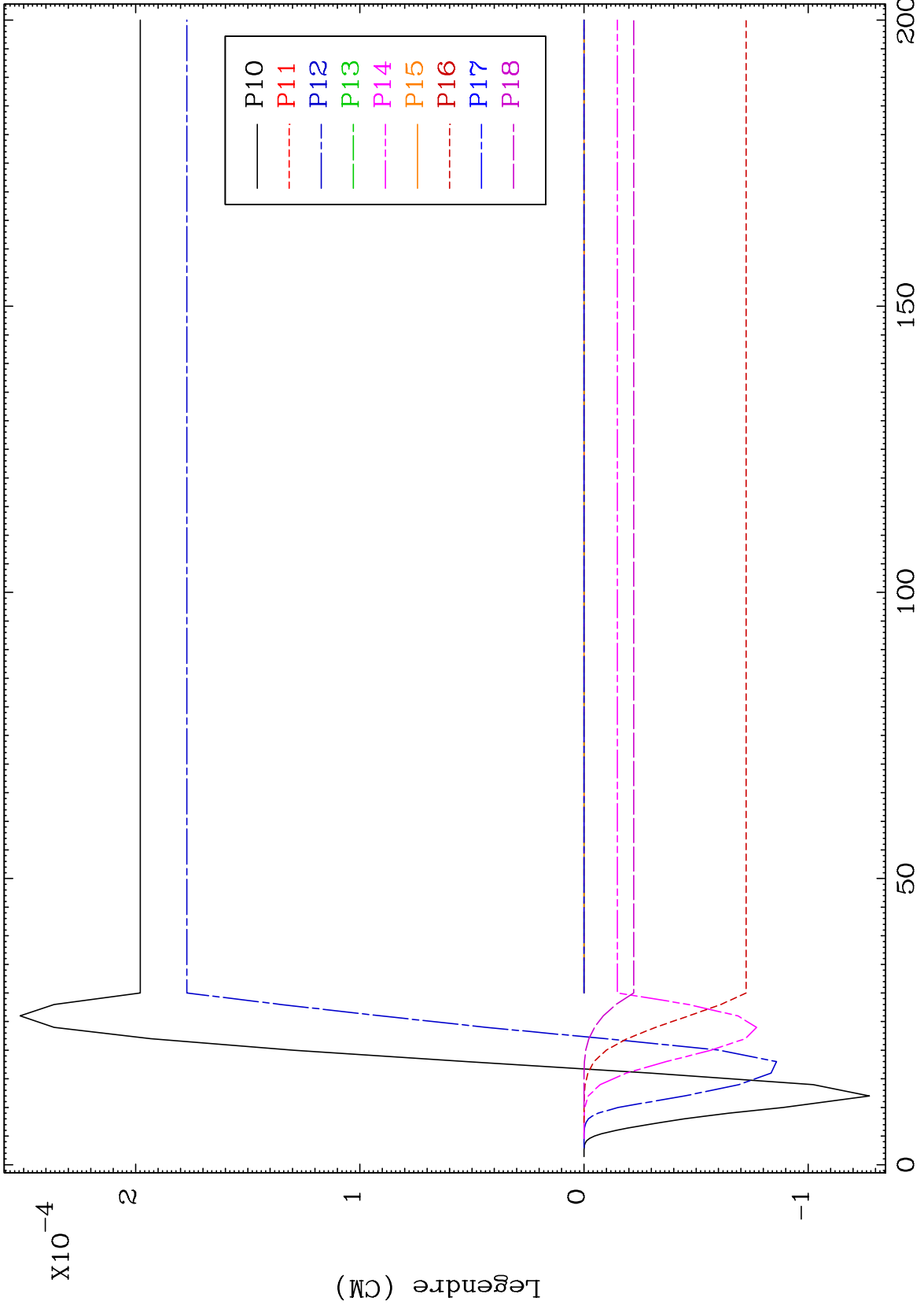


24 Incident Energy (MeV) 71-Lu-160

MAT 7080

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

71-Lu-160

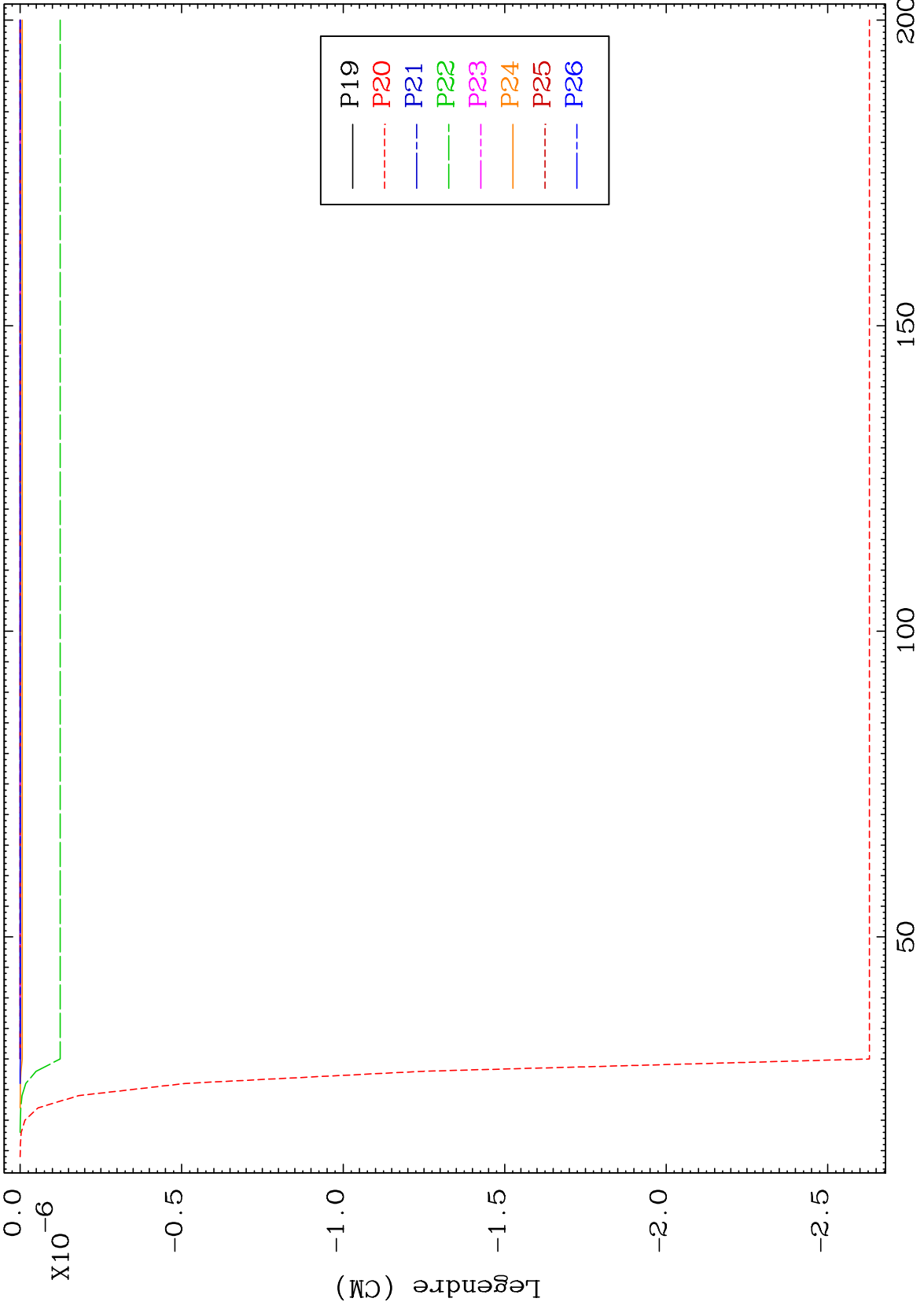


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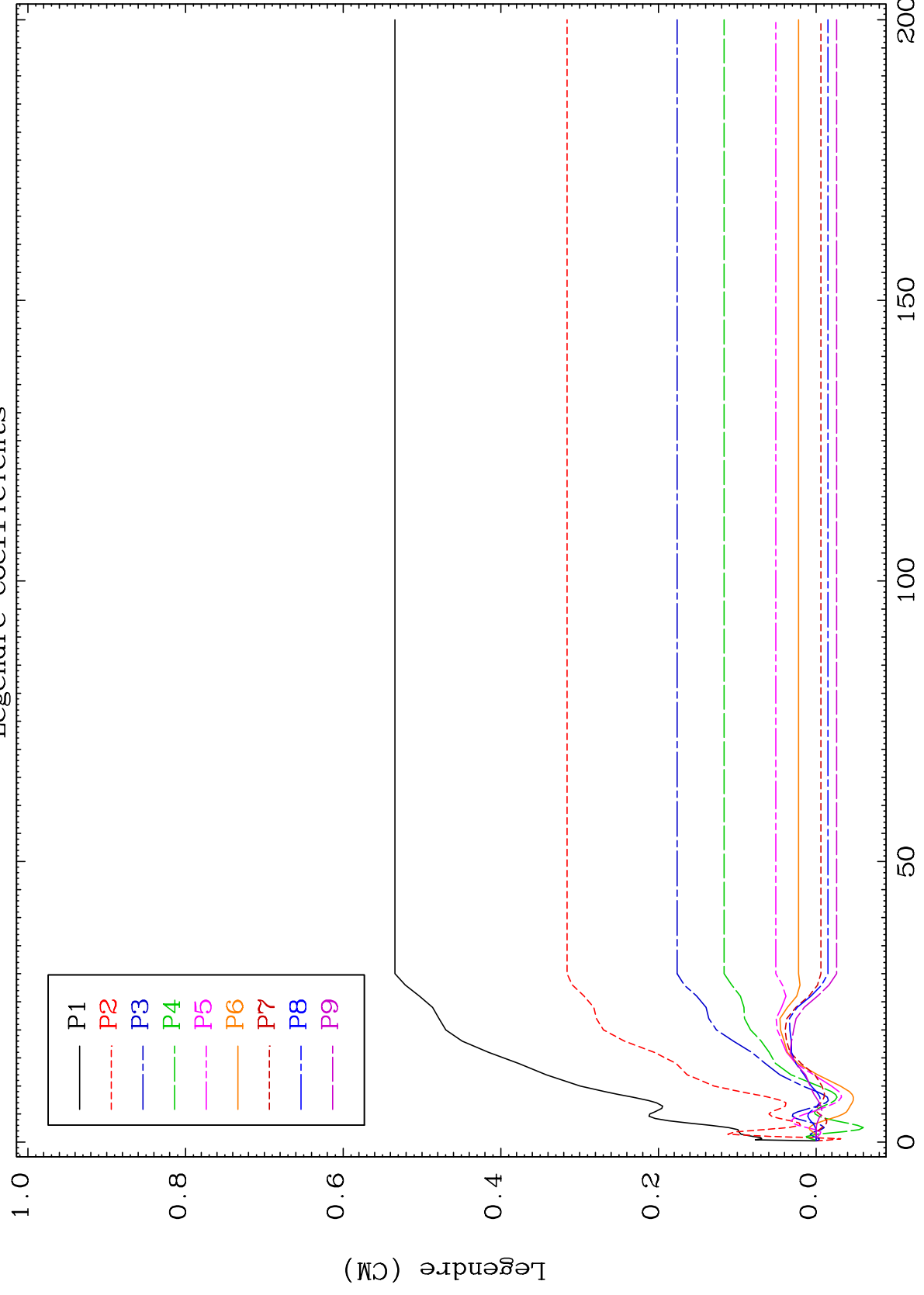
Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-160



MAT 7080 MT= 53 (n,n') Level Legendre Coefficients 71-Lu-160

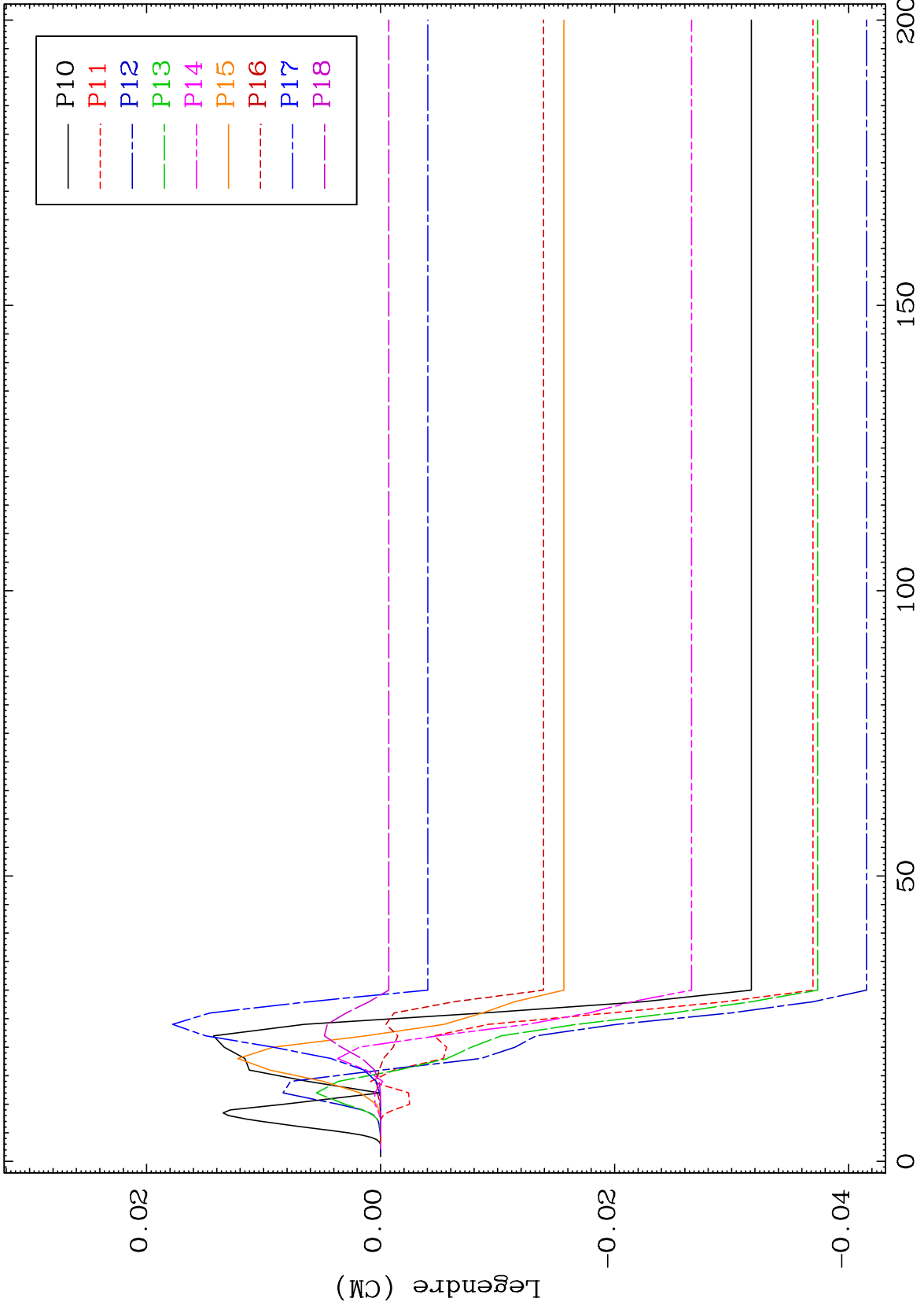


27 Incident Energy (MeV) 71-Lu-160

MAT 7080

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

71-Lu-160



28

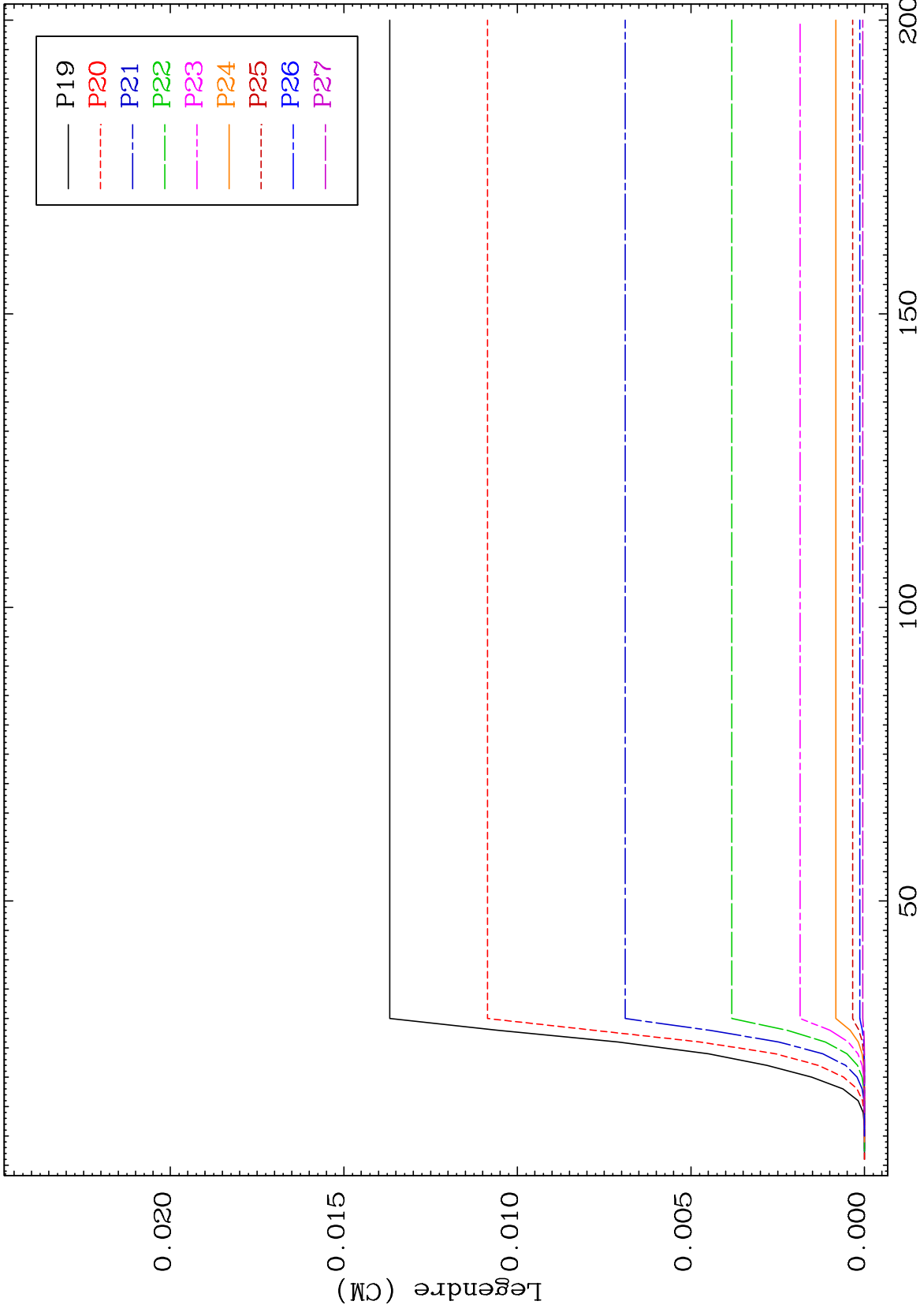
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



29

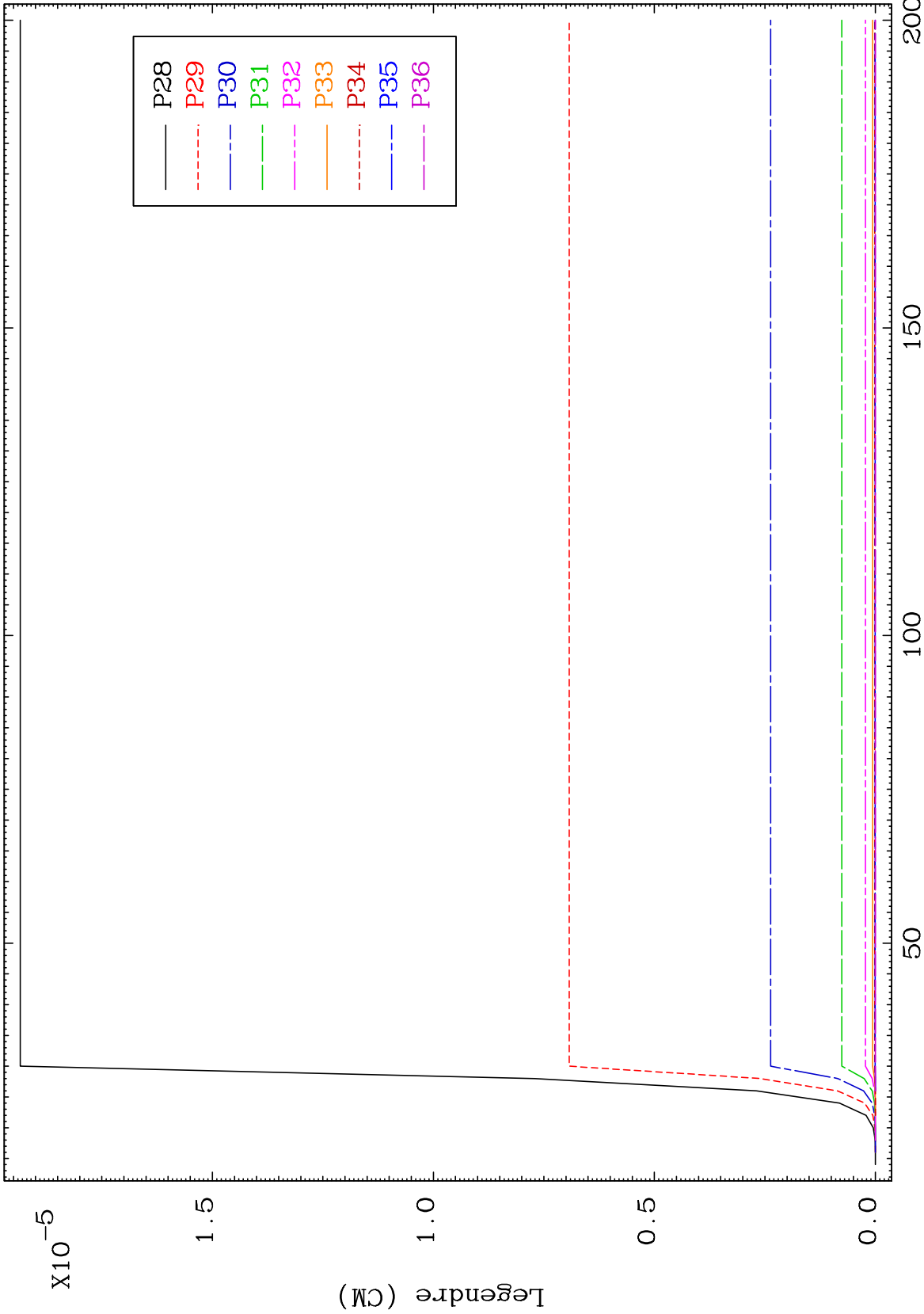
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



30

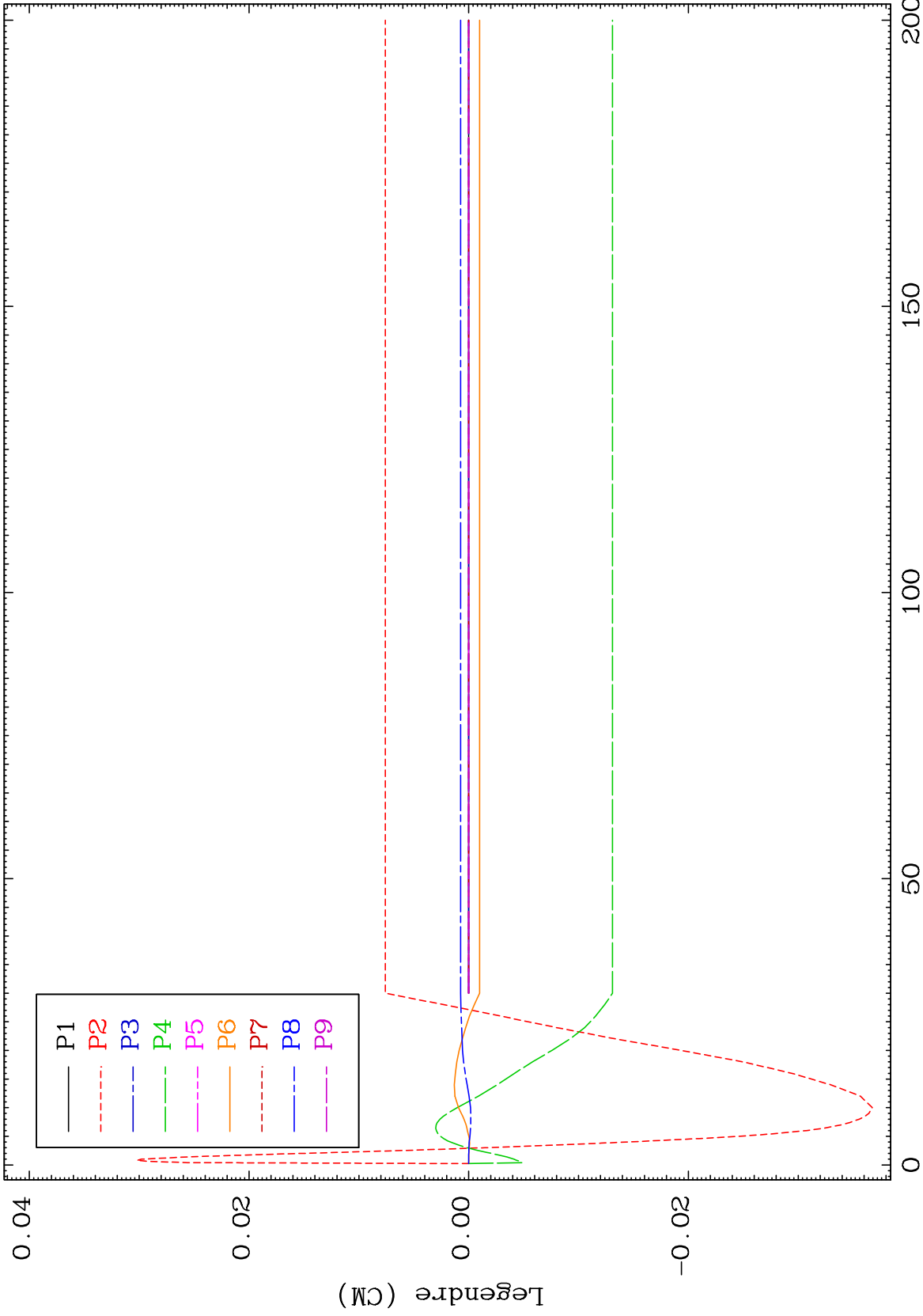
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



31

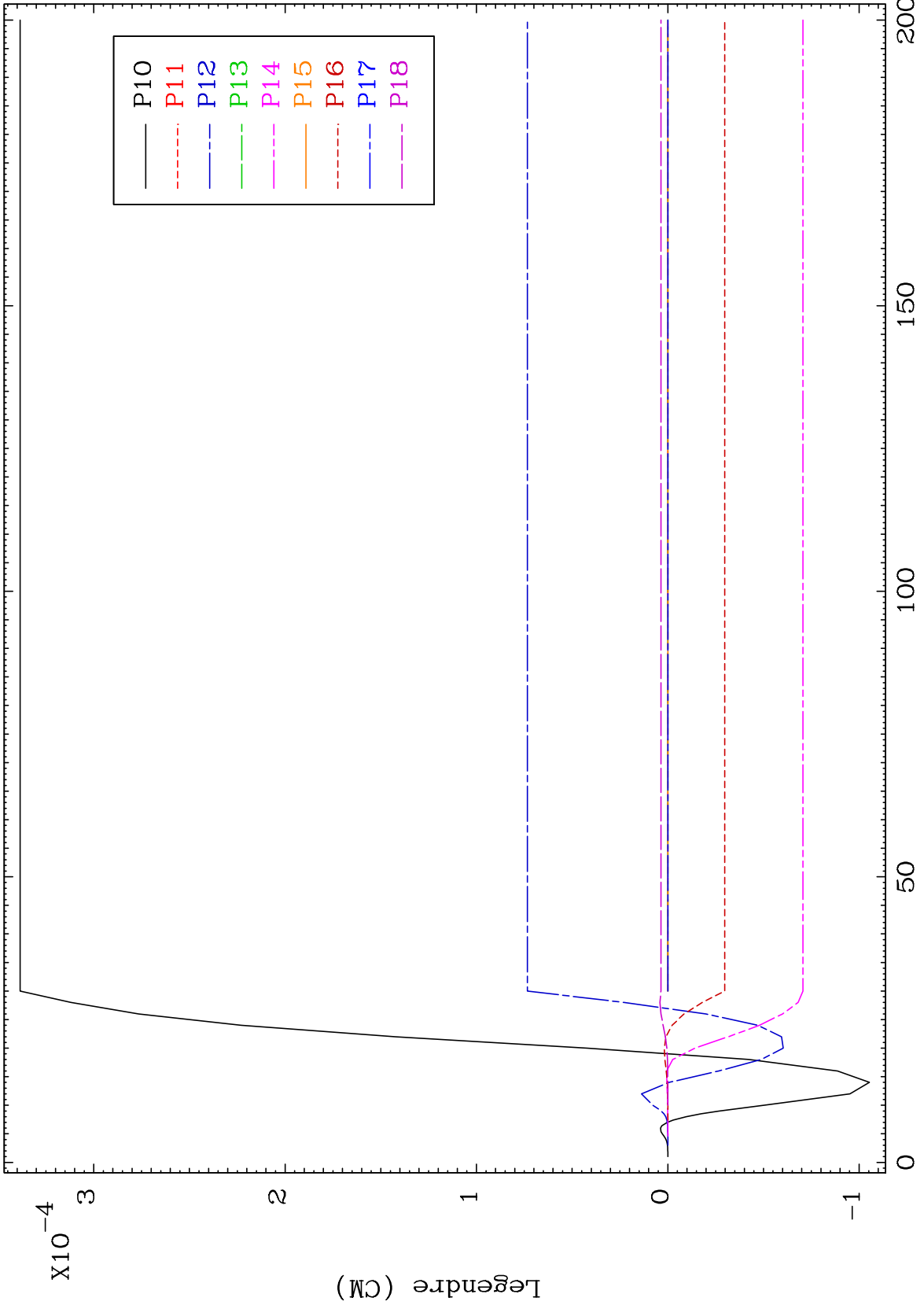
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



32

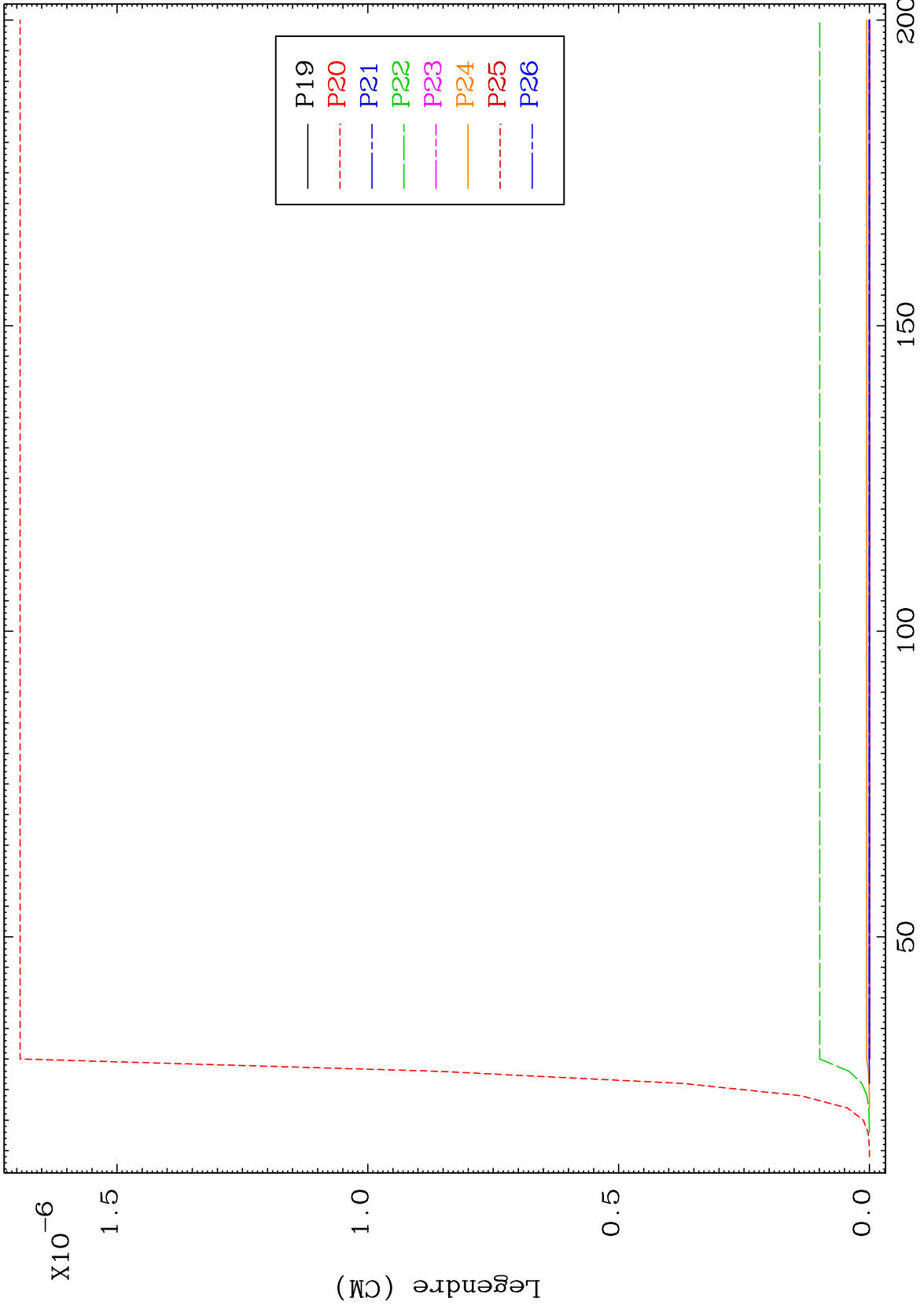
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

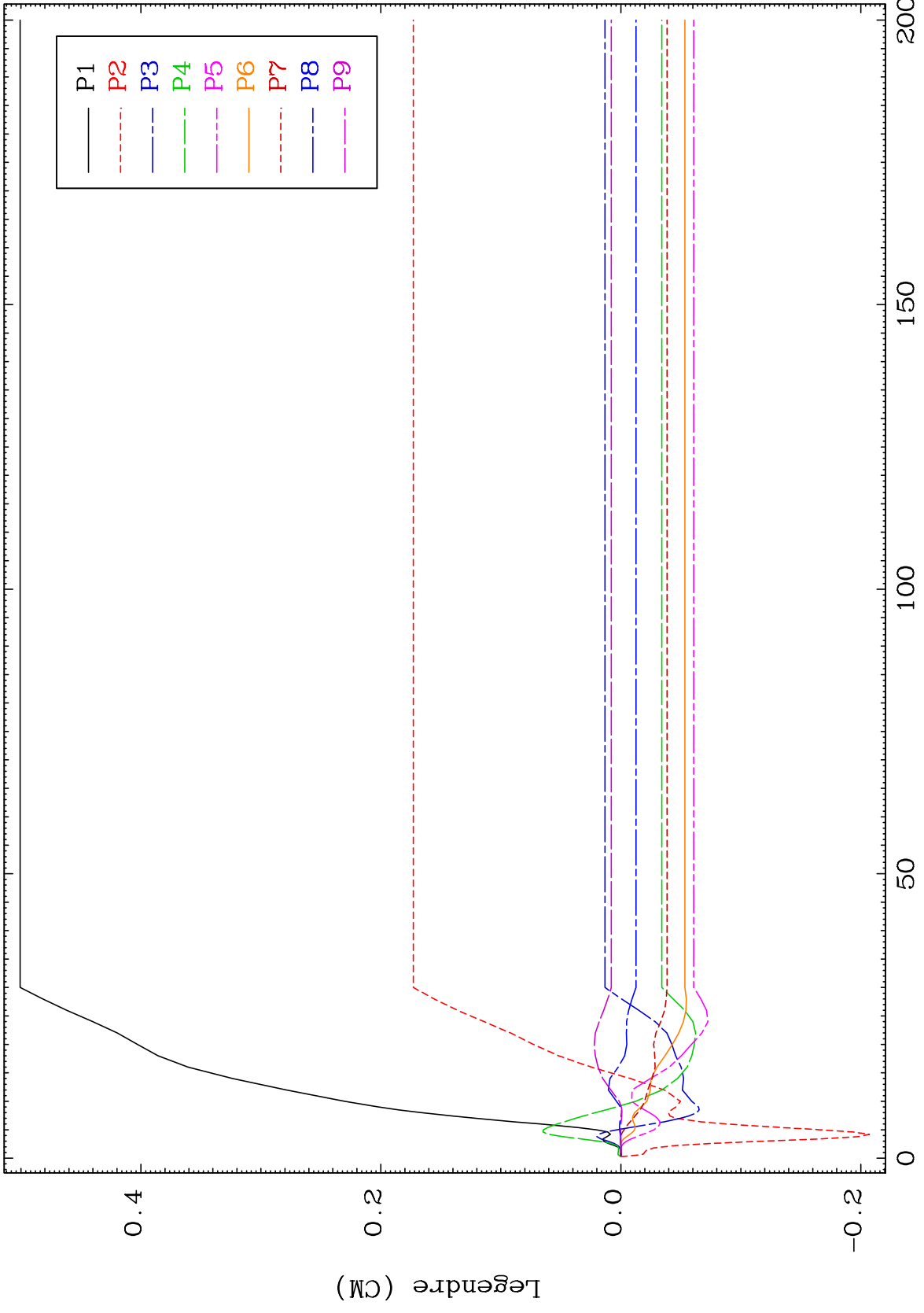


33

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-160

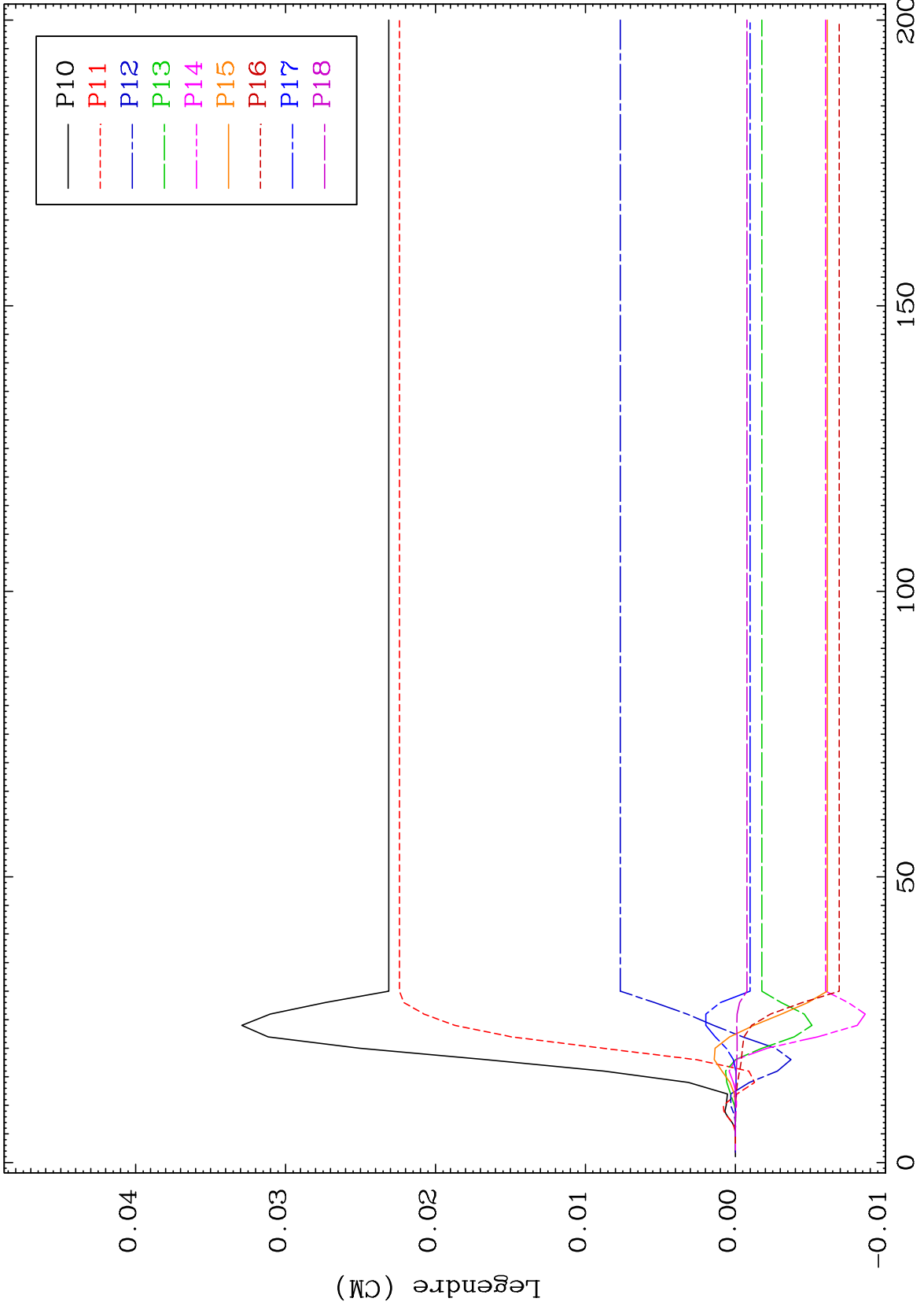


34 71-Lu-160

MAT 7080

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

71-Lu-160



35

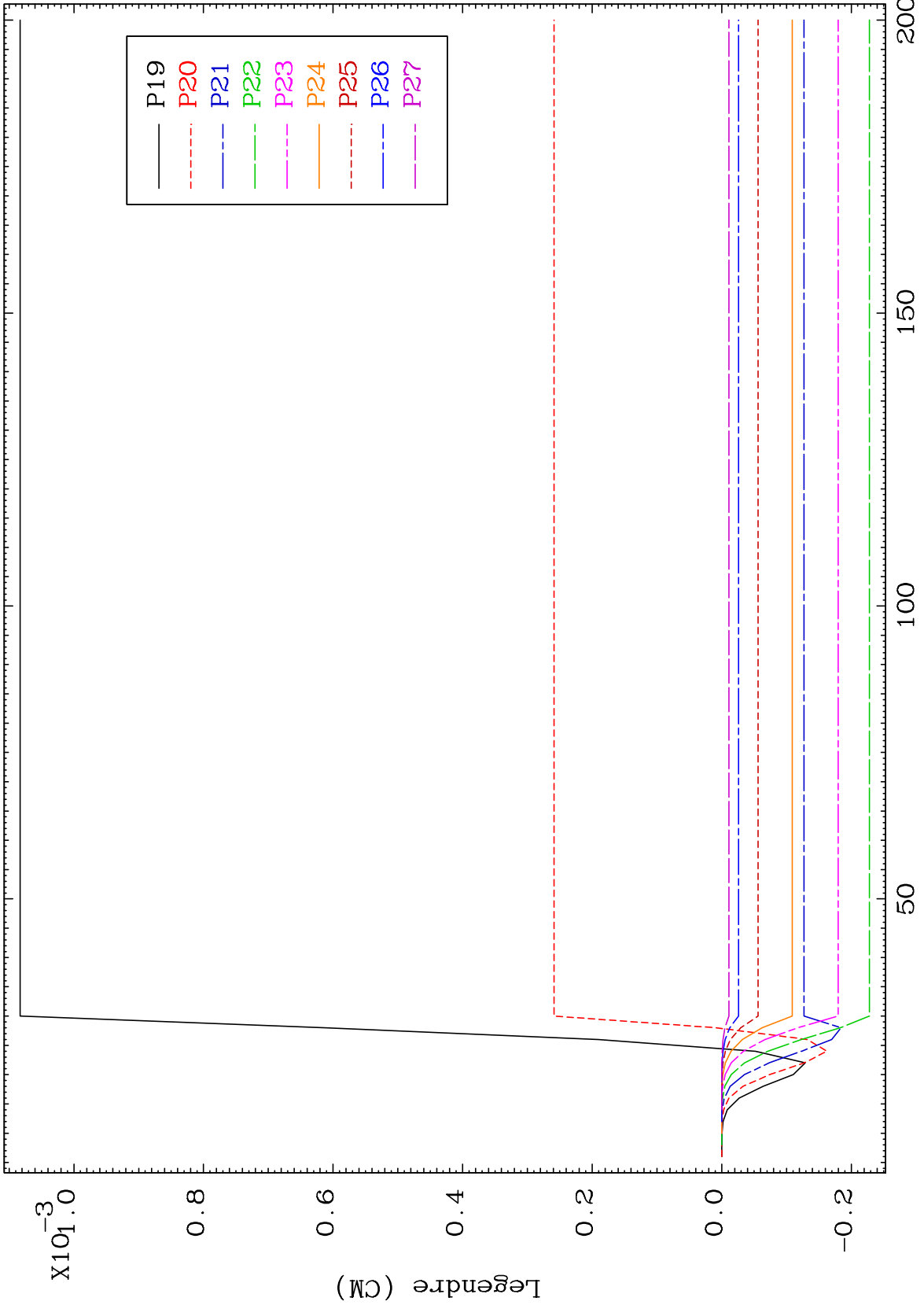
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

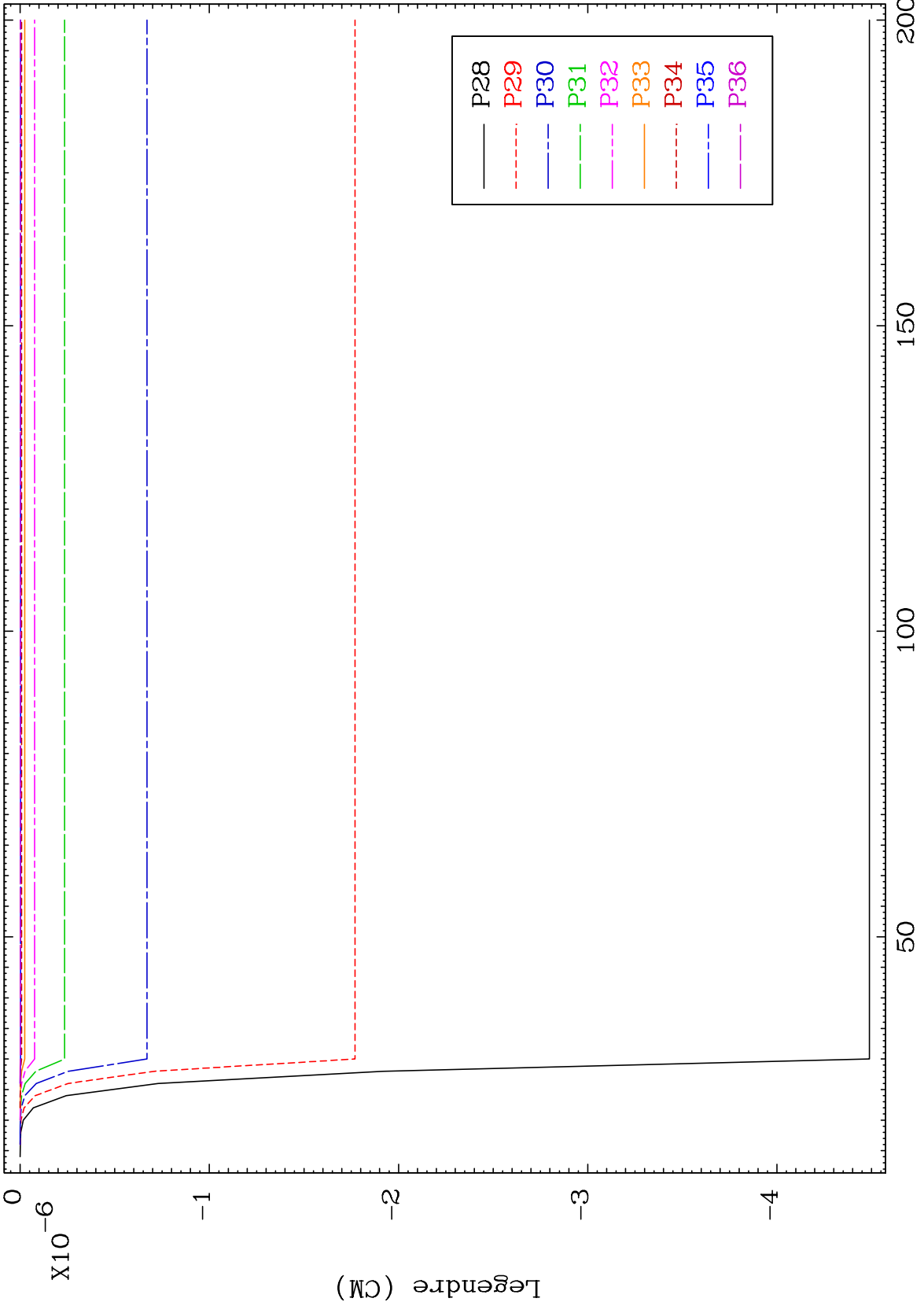


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Incident Energy (MeV)

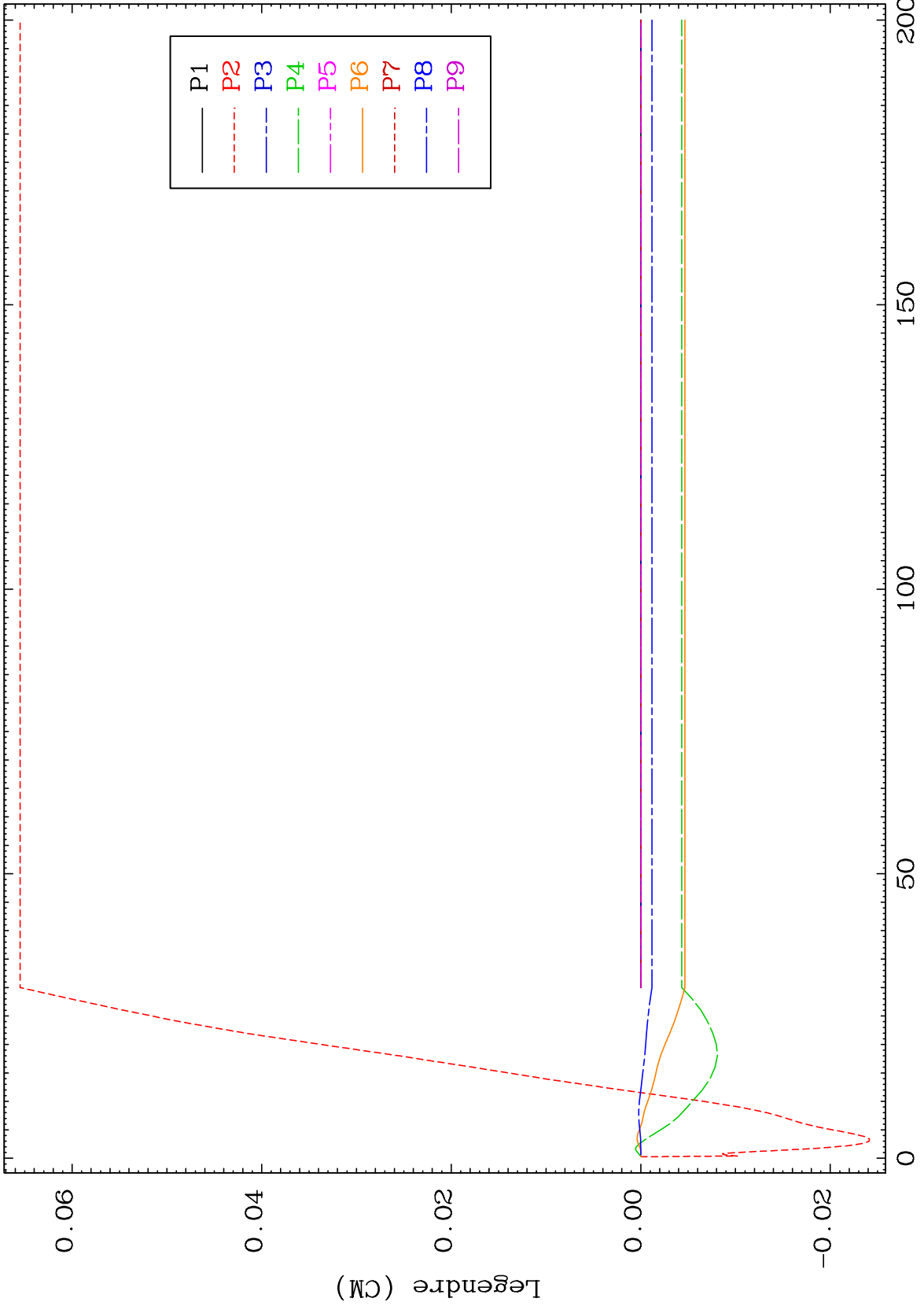
71-Lu-160

MAT 7080 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-160



37 71-Lu-160

MAT 7080 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-160

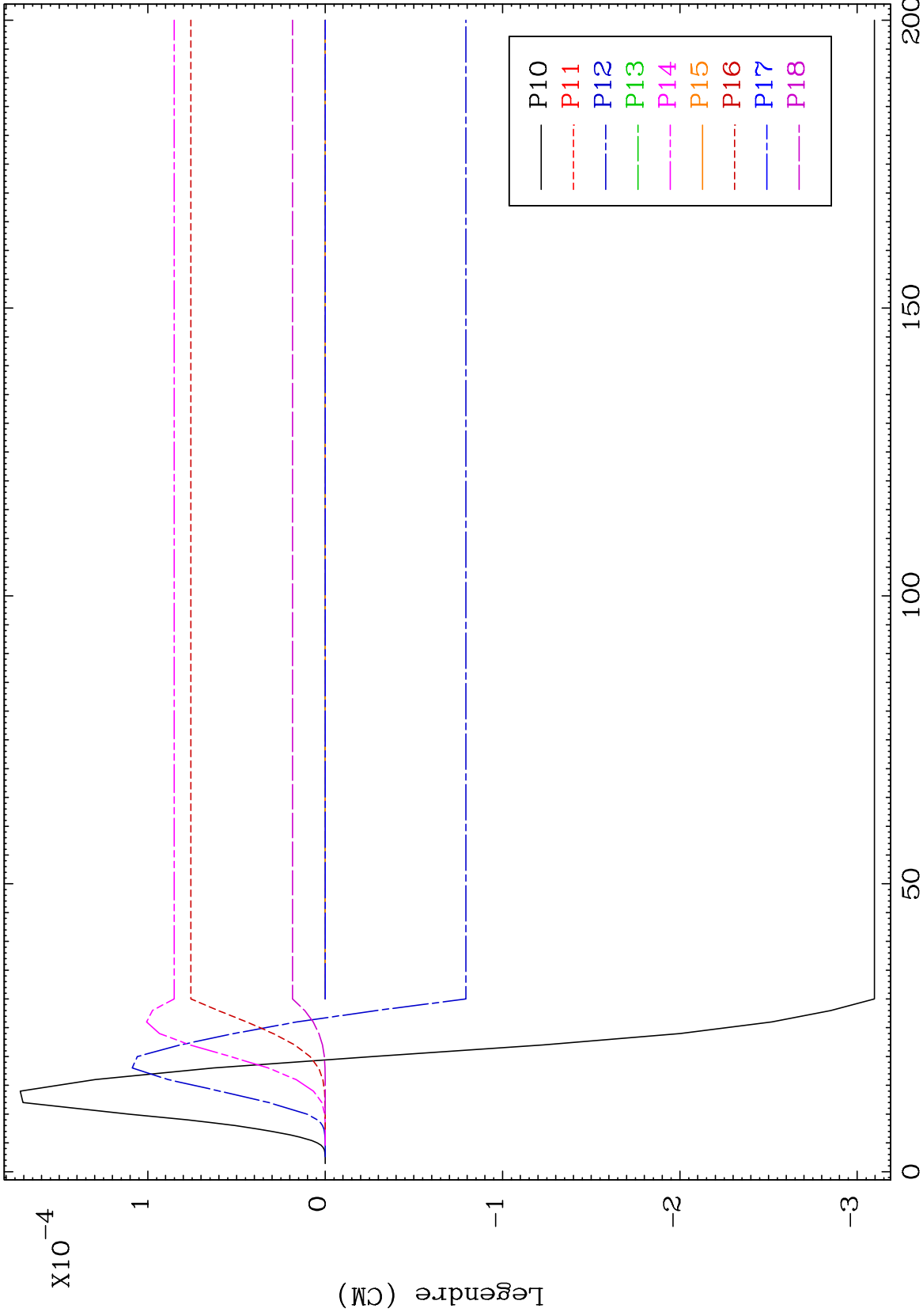


38 71-Lu-160

MAT 7080

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

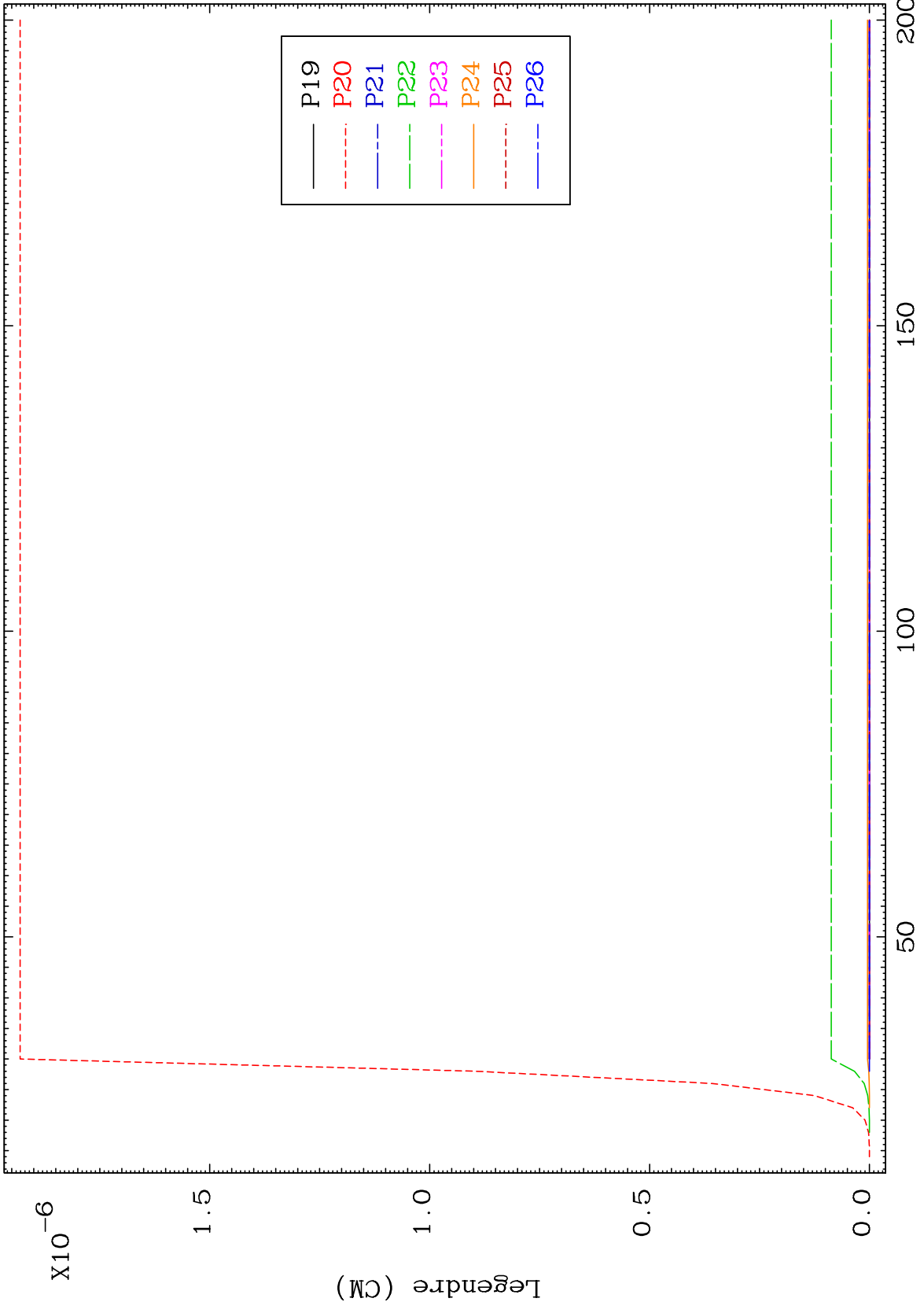
71-Lu-160



39

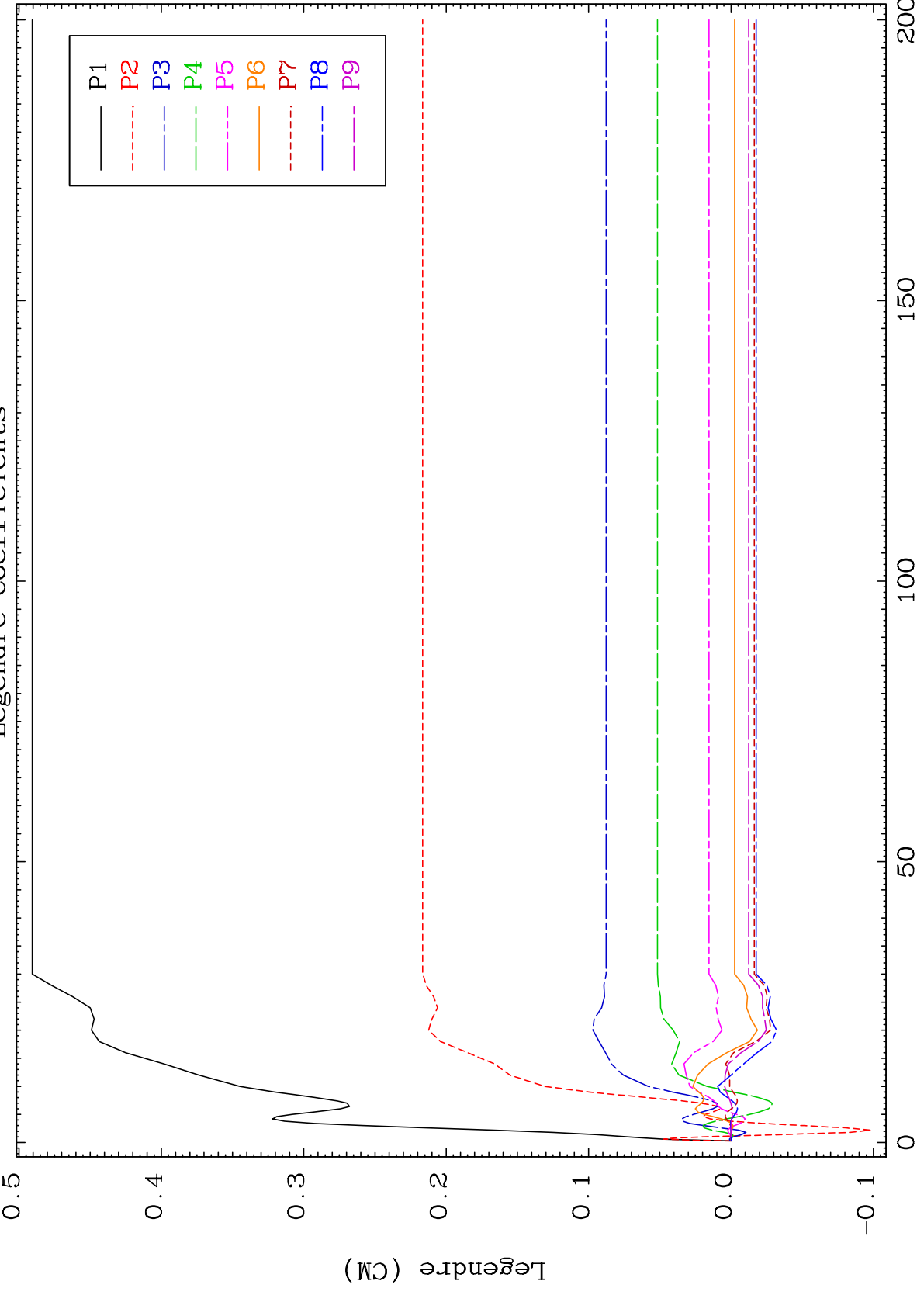
71-Lu-160

MAT 7080 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-160



71-Lu-160

MAT 7080 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-160

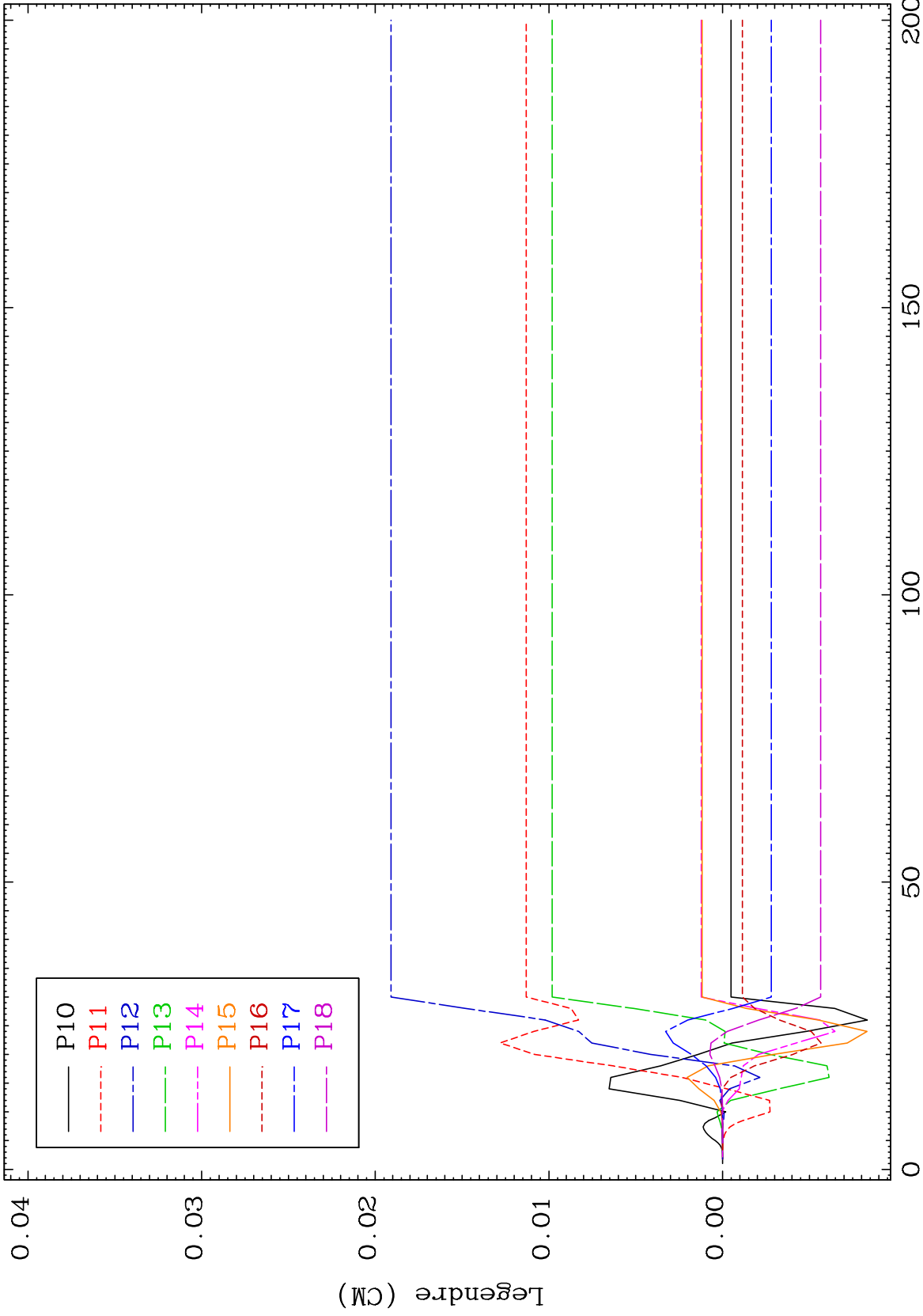


41 Incident Energy (MeV) 71-Lu-160

MAT 7080

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

71-Lu-160



42

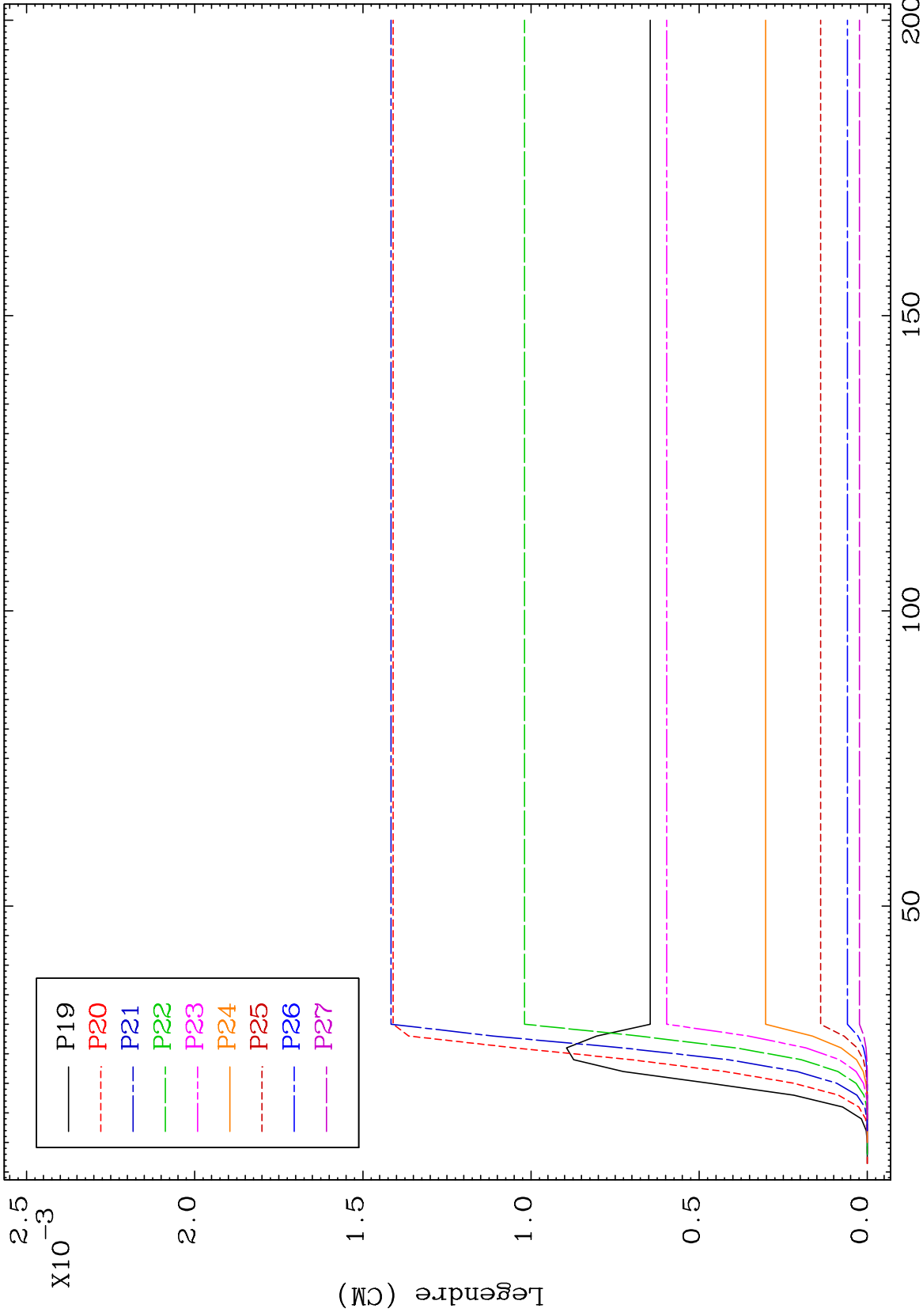
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



43

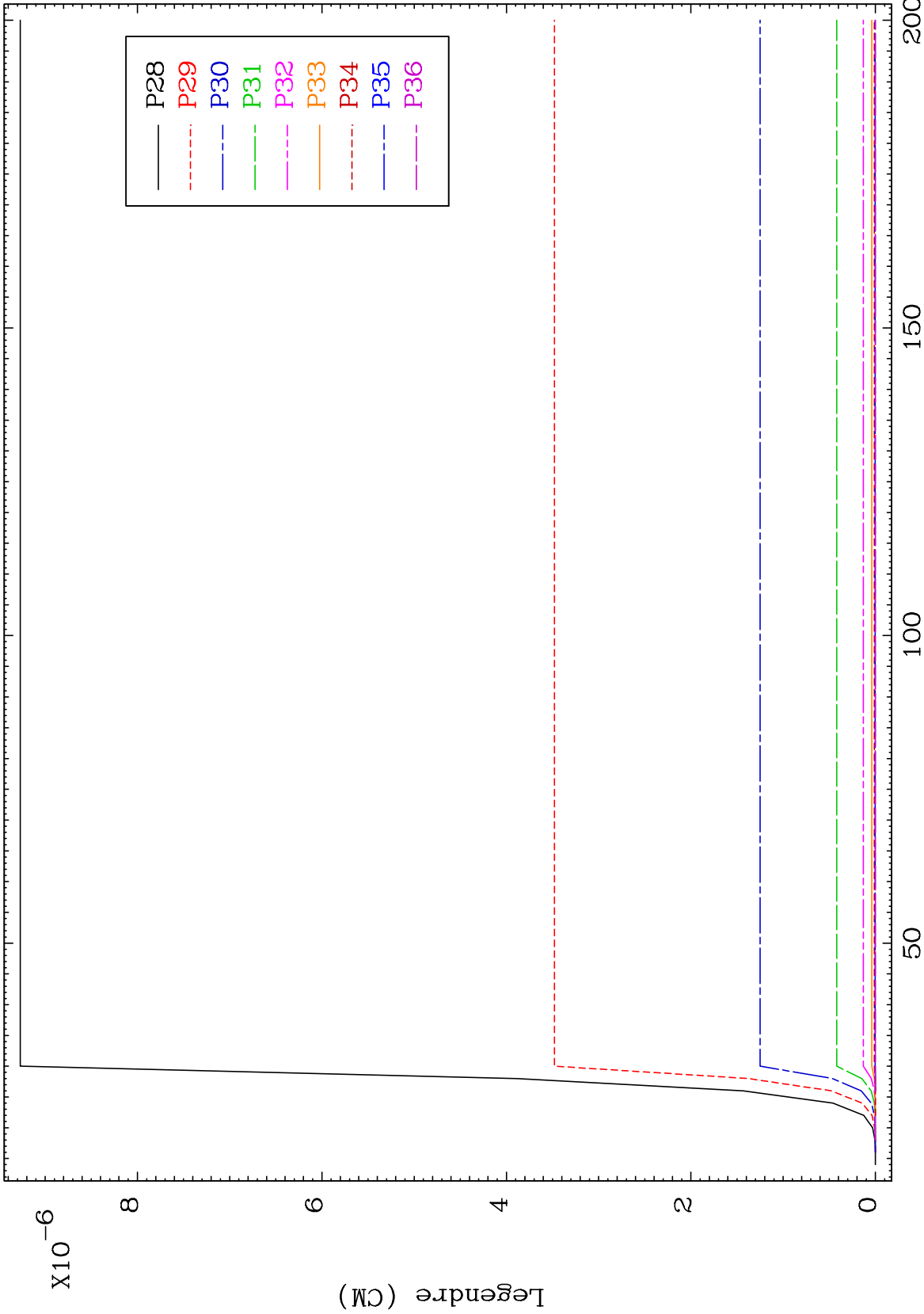
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

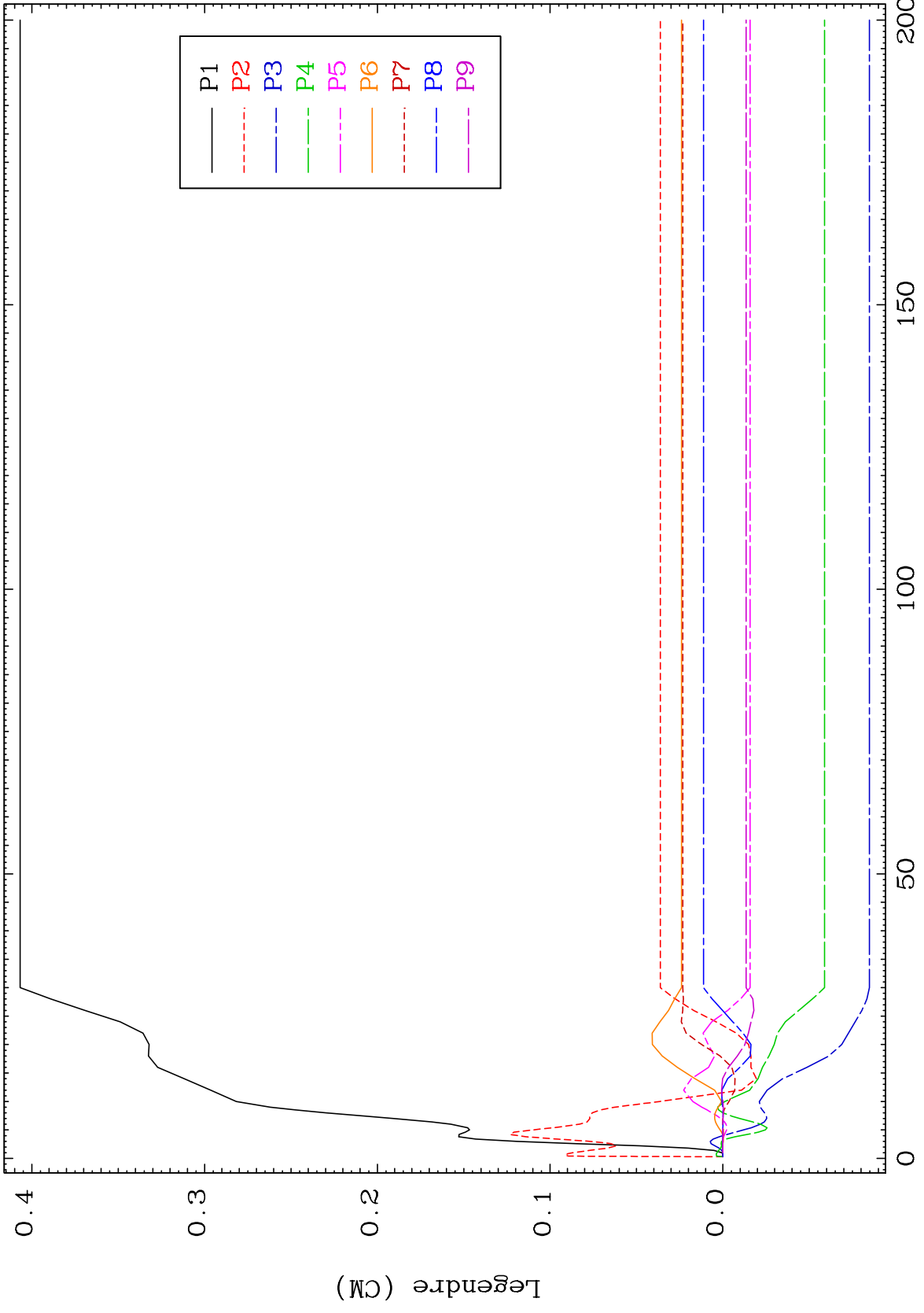


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Incident Energy (MeV)

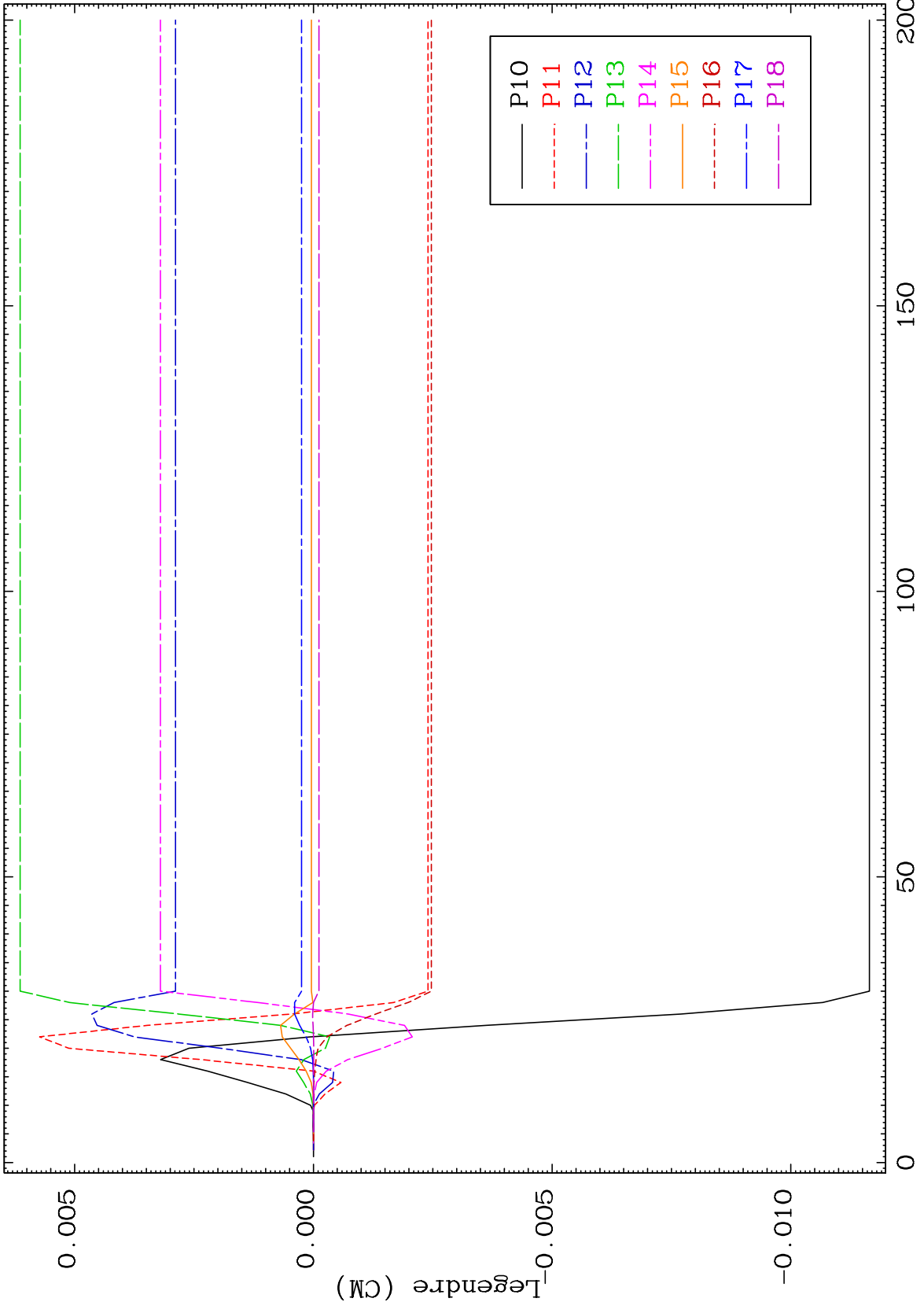
71-Lu-160

MAT 7080 MT= 58 (n,n') Level Legendre Coefficients 71-Lu-160



45 Incident Energy (MeV) 71-Lu-160

MAT 7080 MT= 58 (n,n') Level Legendre Coefficients 71-Lu-160

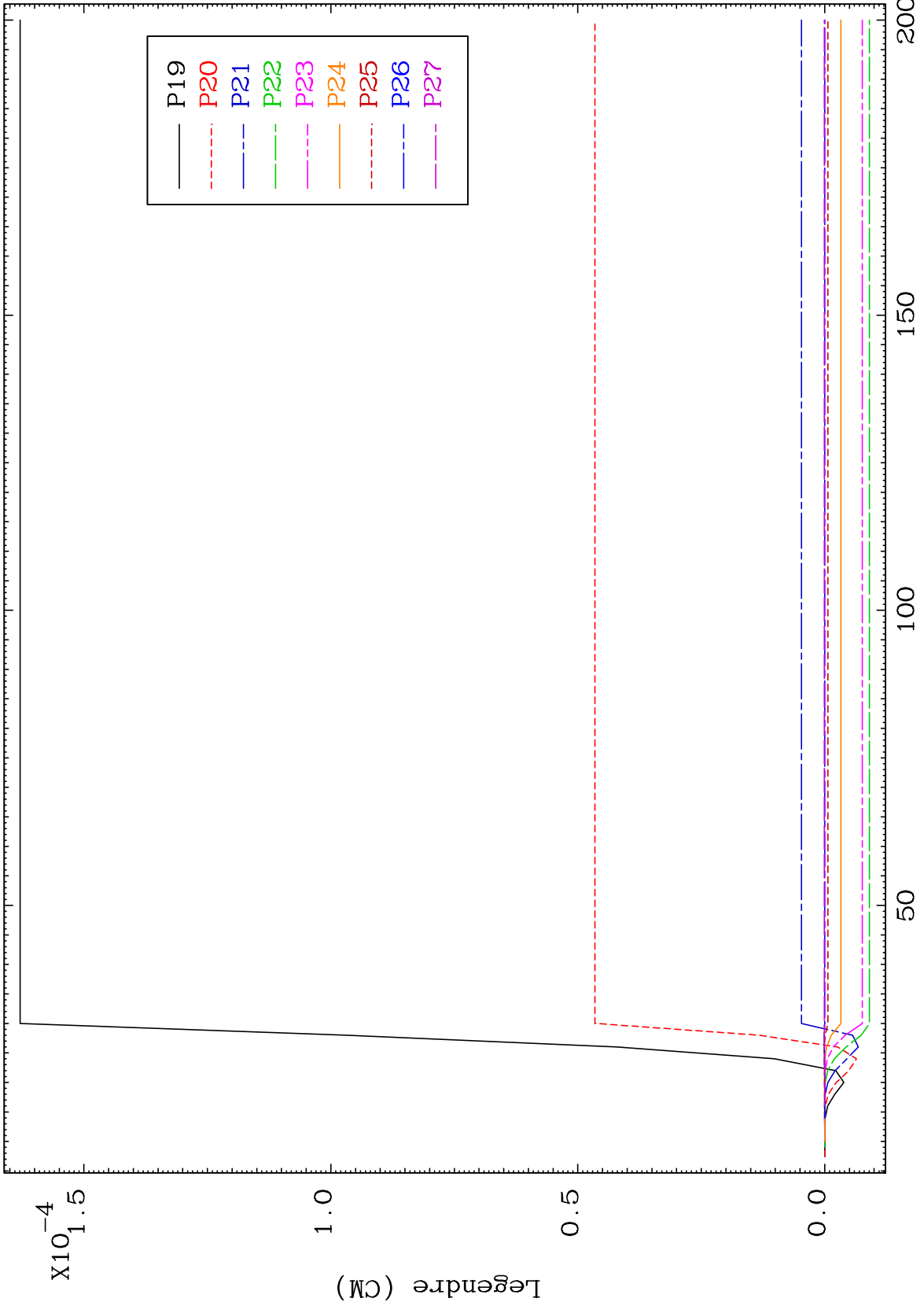


46 71-Lu-160

MAT 7080

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

71-Lu-160



47

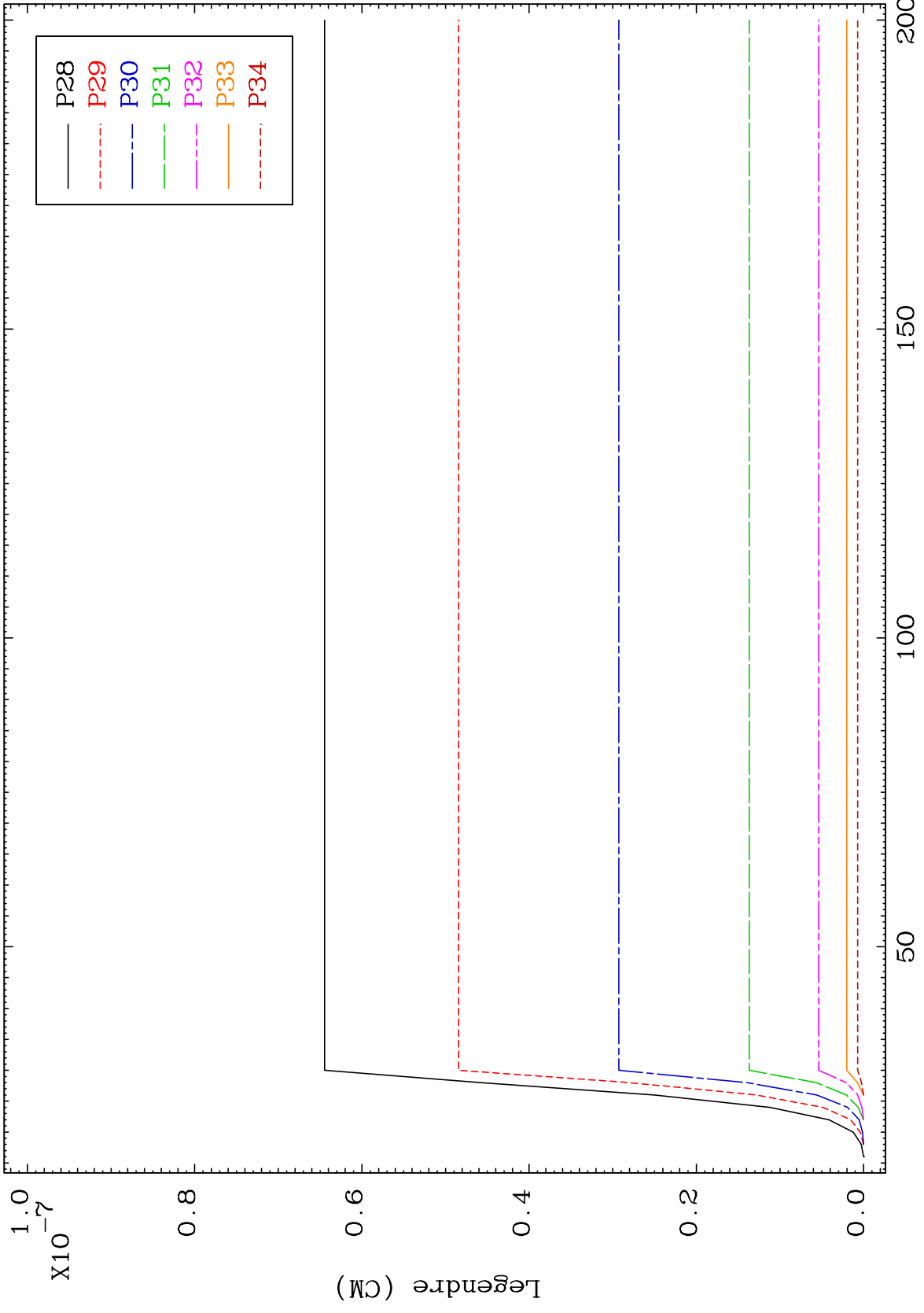
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

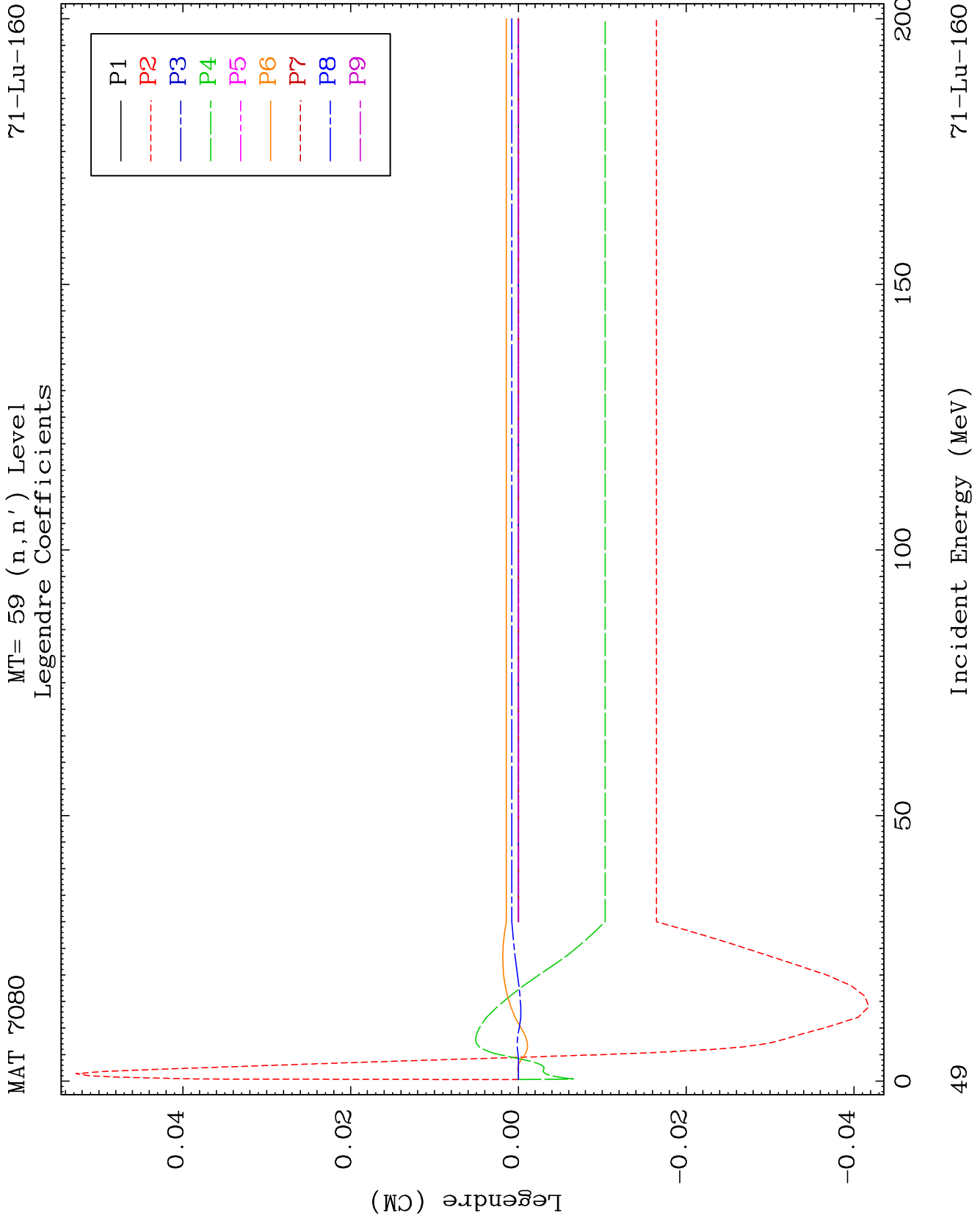
71-Lu-160



48

Incident Energy (MeV)

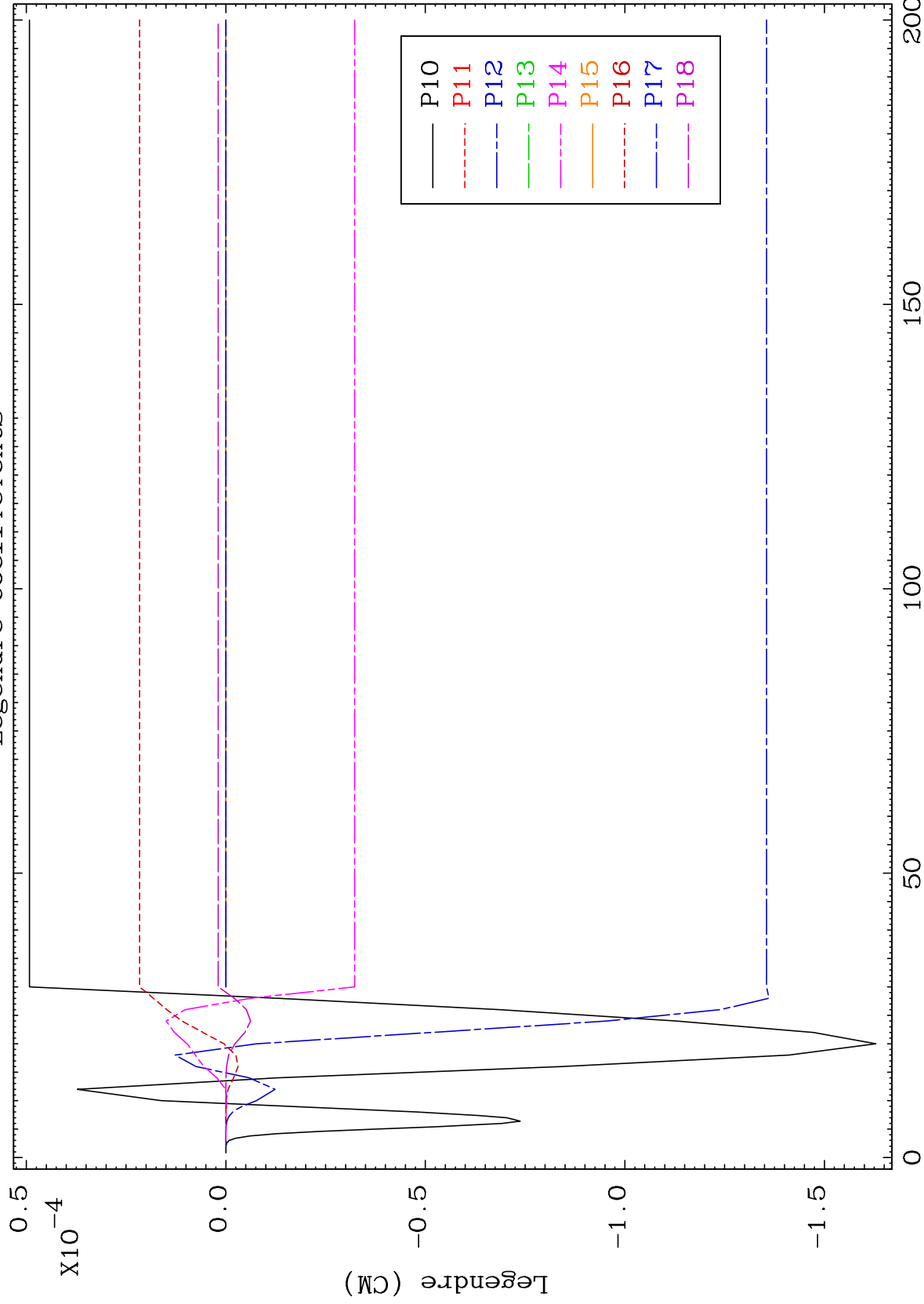
71-Lu-160



MAT 7080

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

71-Lu-160



50

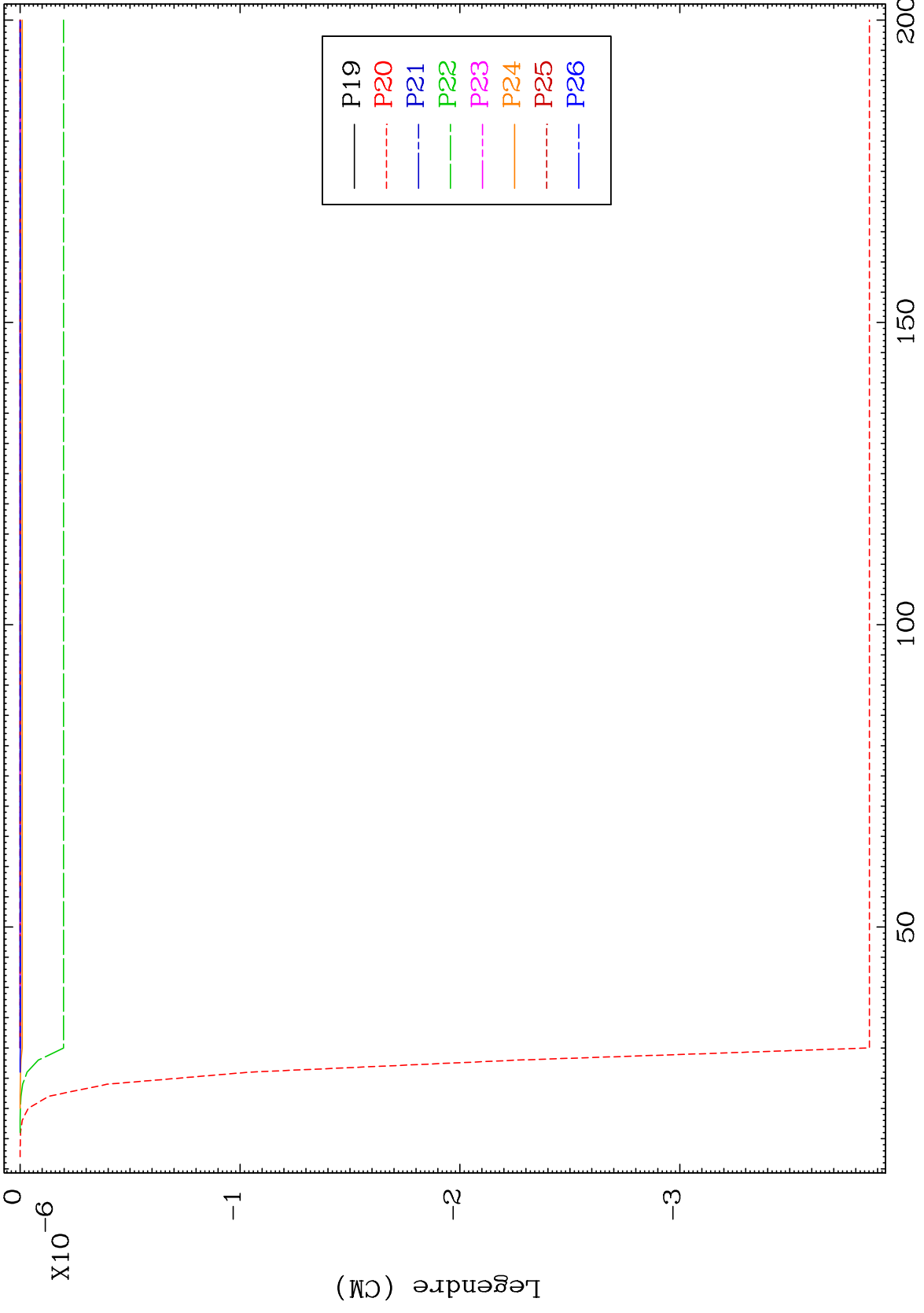
Incident Energy (MeV)

150

71-Lu-160

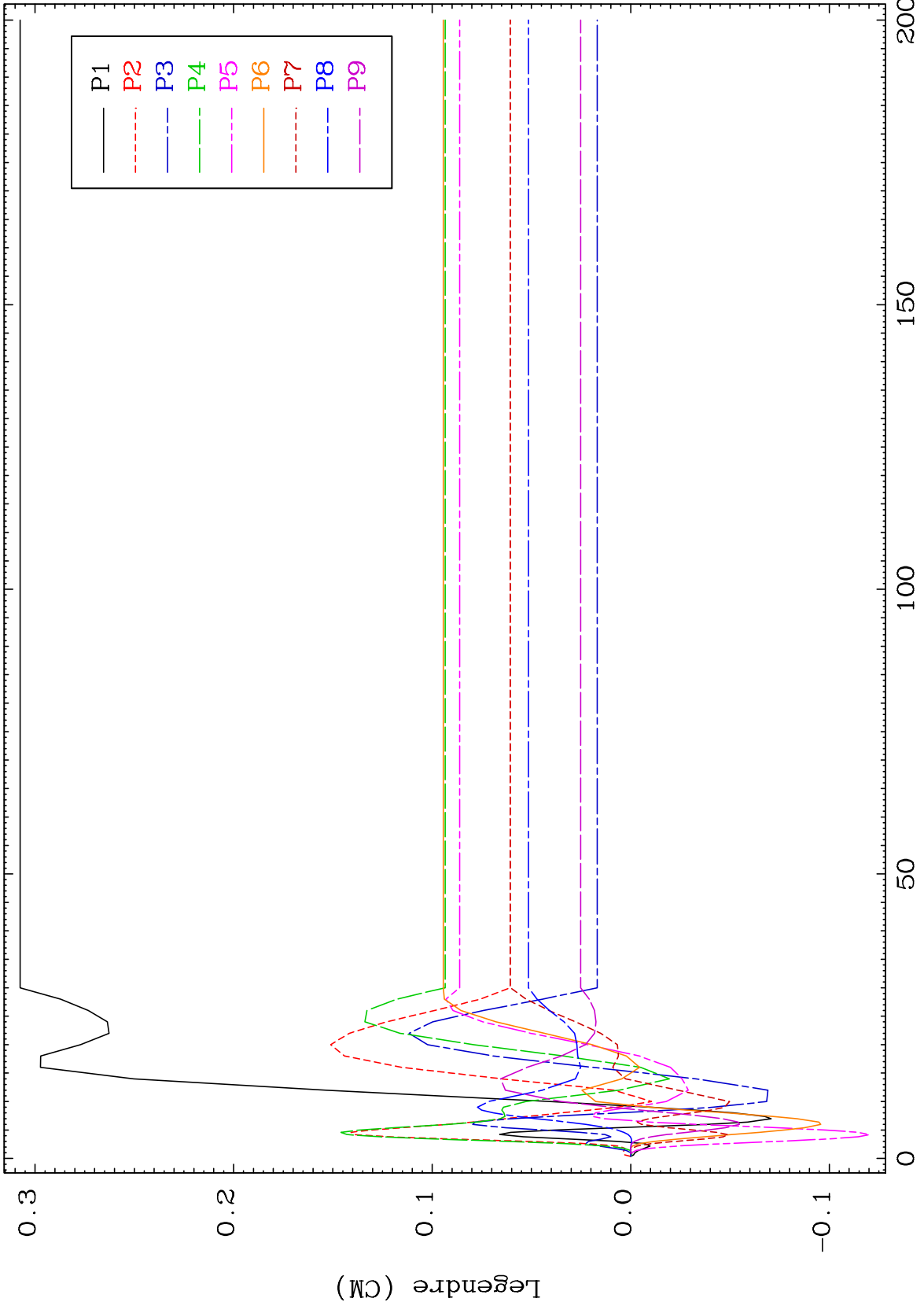
200

MAT 7080 MT= 59 (n,n') Level Legendre Coefficients 71-Lu-160



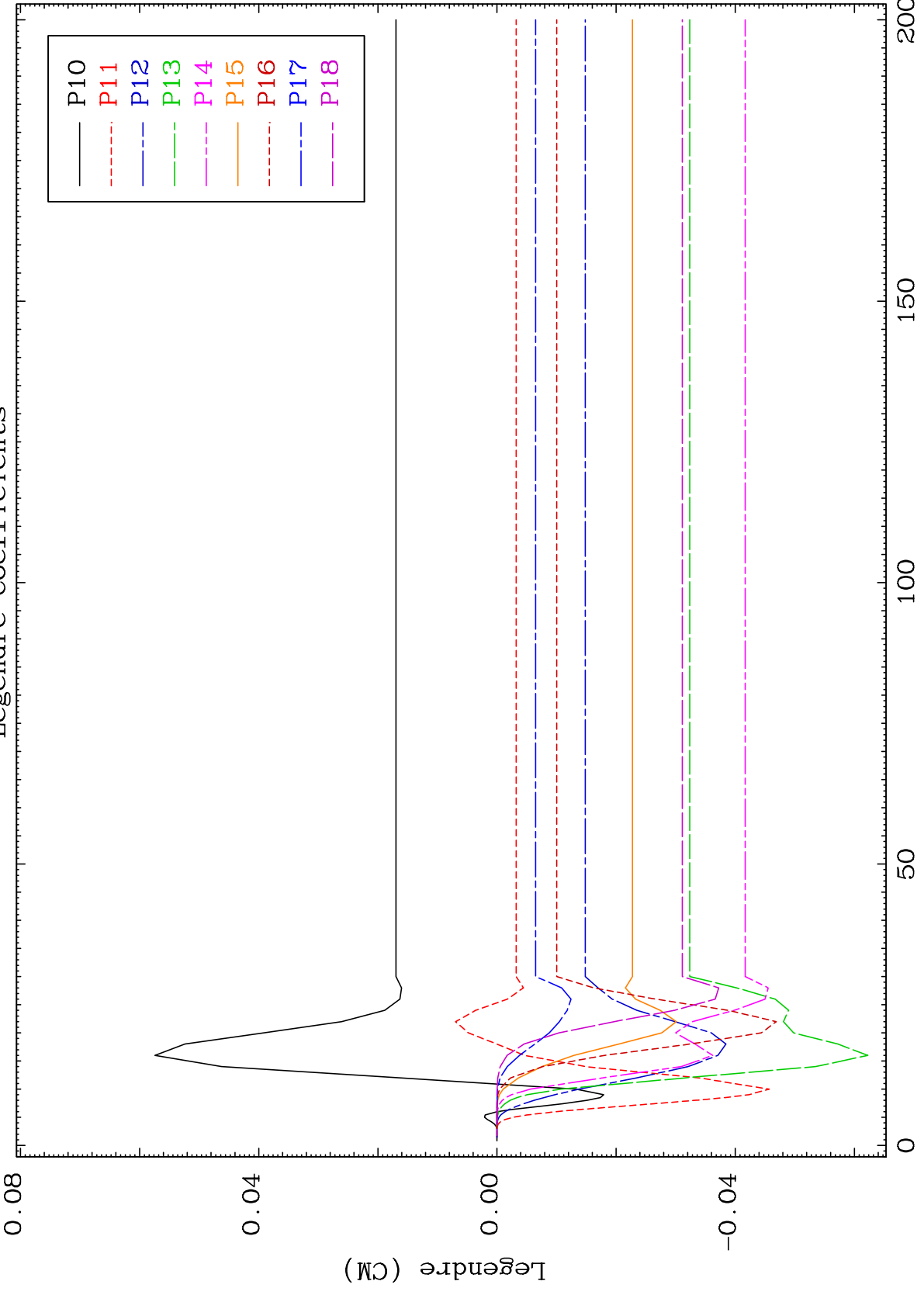
51 Incident Energy (MeV) 71-Lu-160

MAT 7080 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-160



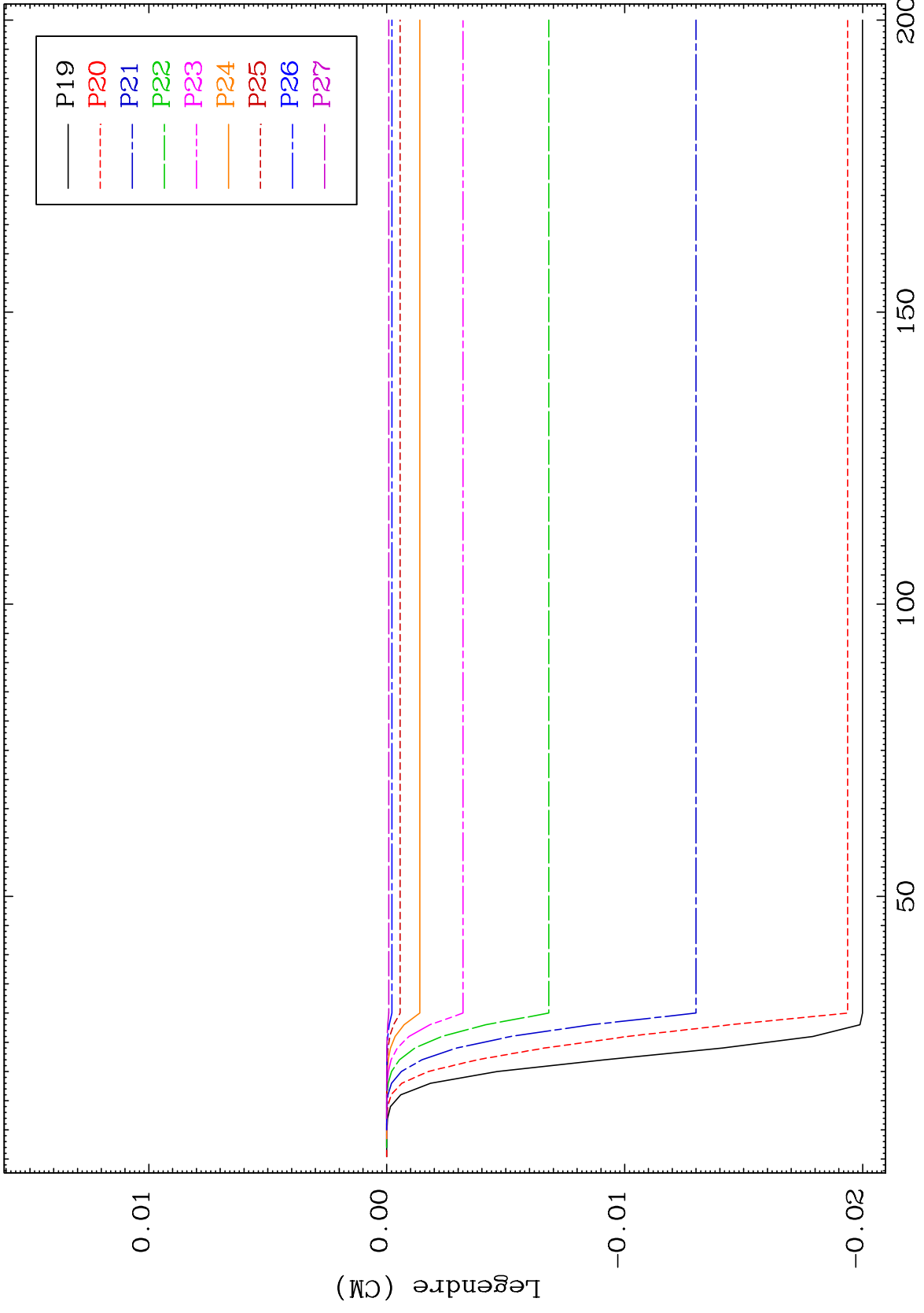
52 71-Lu-160

MAT 7080 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-160



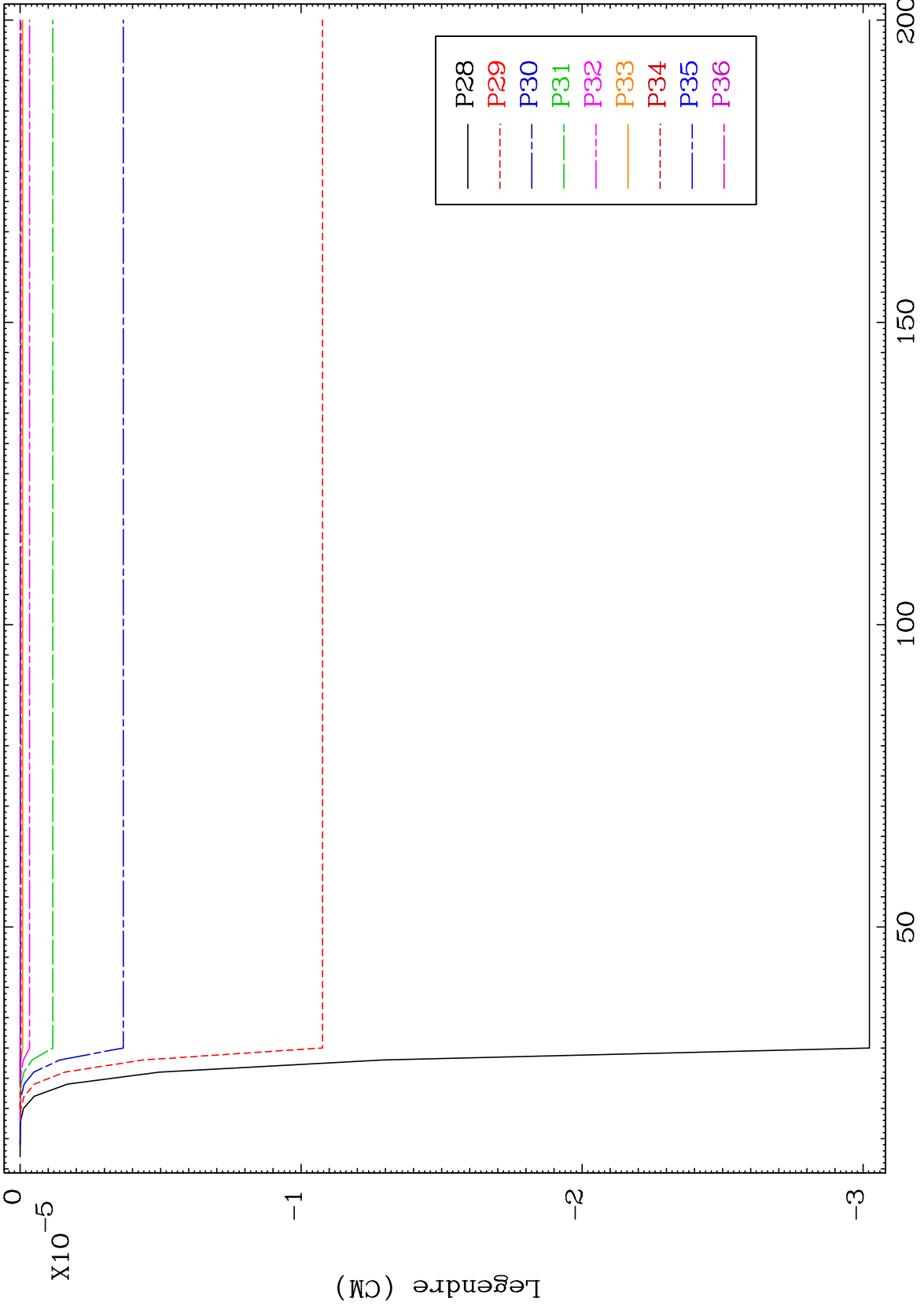
53 71-Lu-160

MAT 7080 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-160



54 Incident Energy (MeV) 71-Lu-160

MAT 7080 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-160

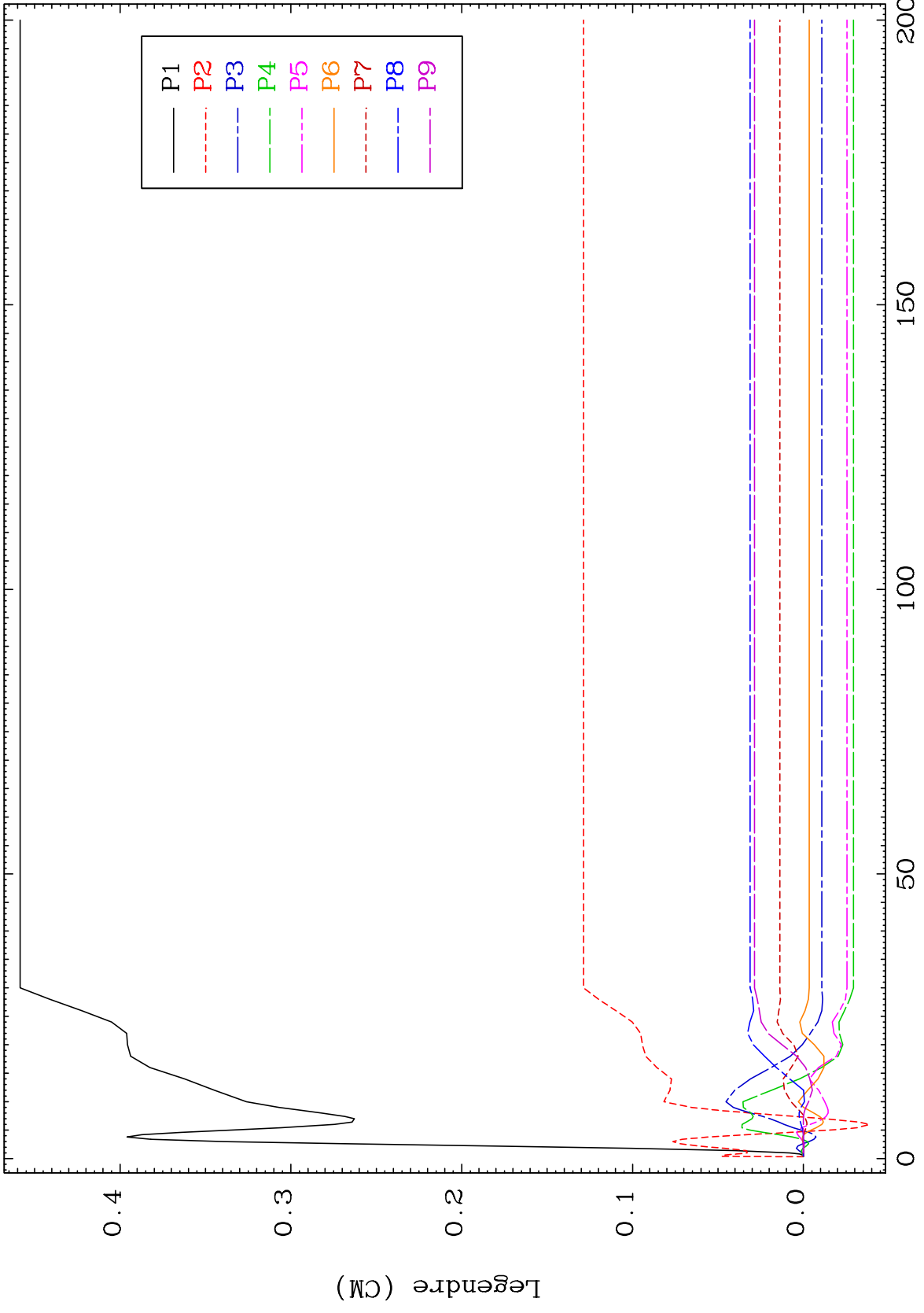


55 Incident Energy (MeV) 71-Lu-160

MAT 7080

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

71-Lu-160



56

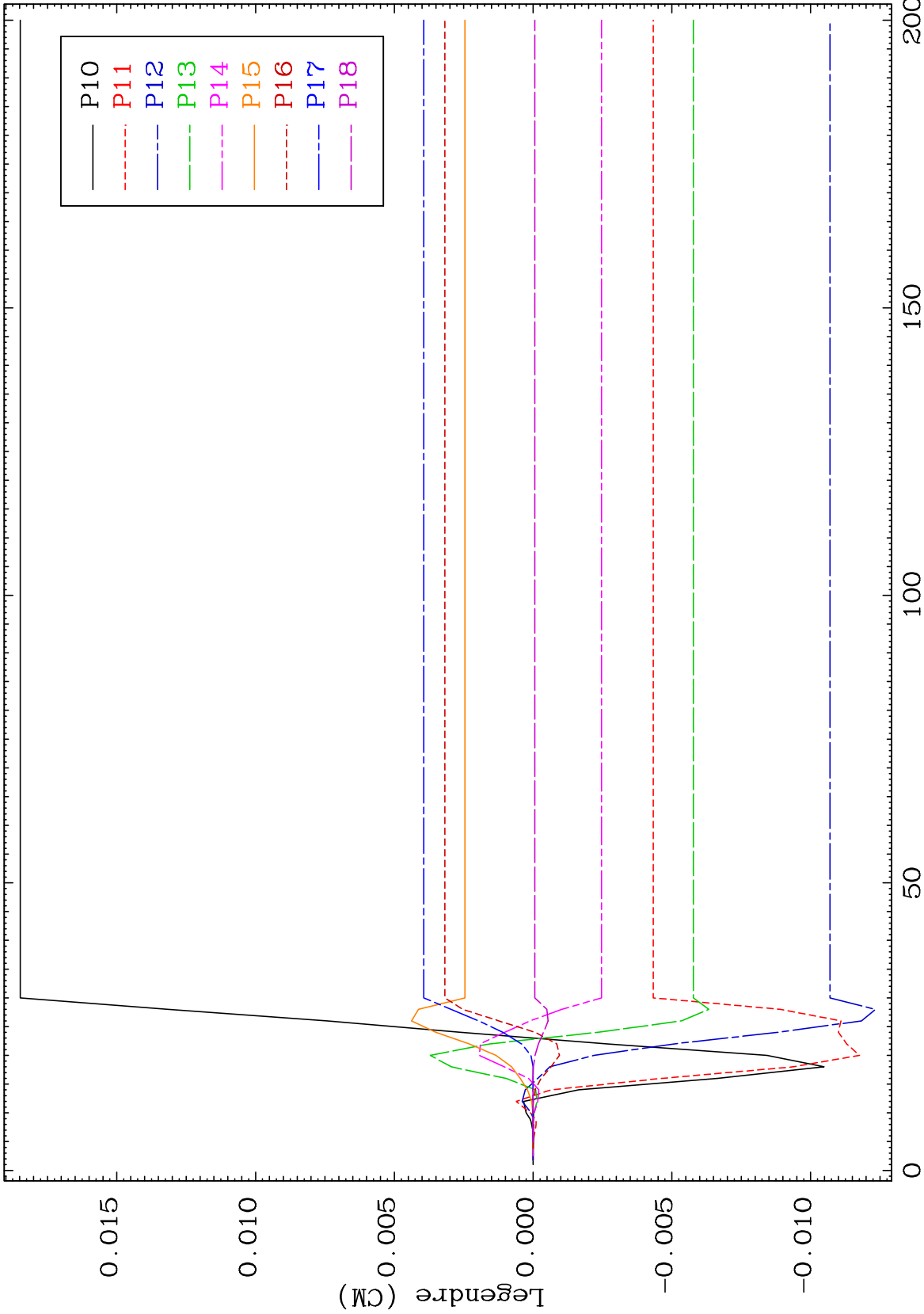
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



57

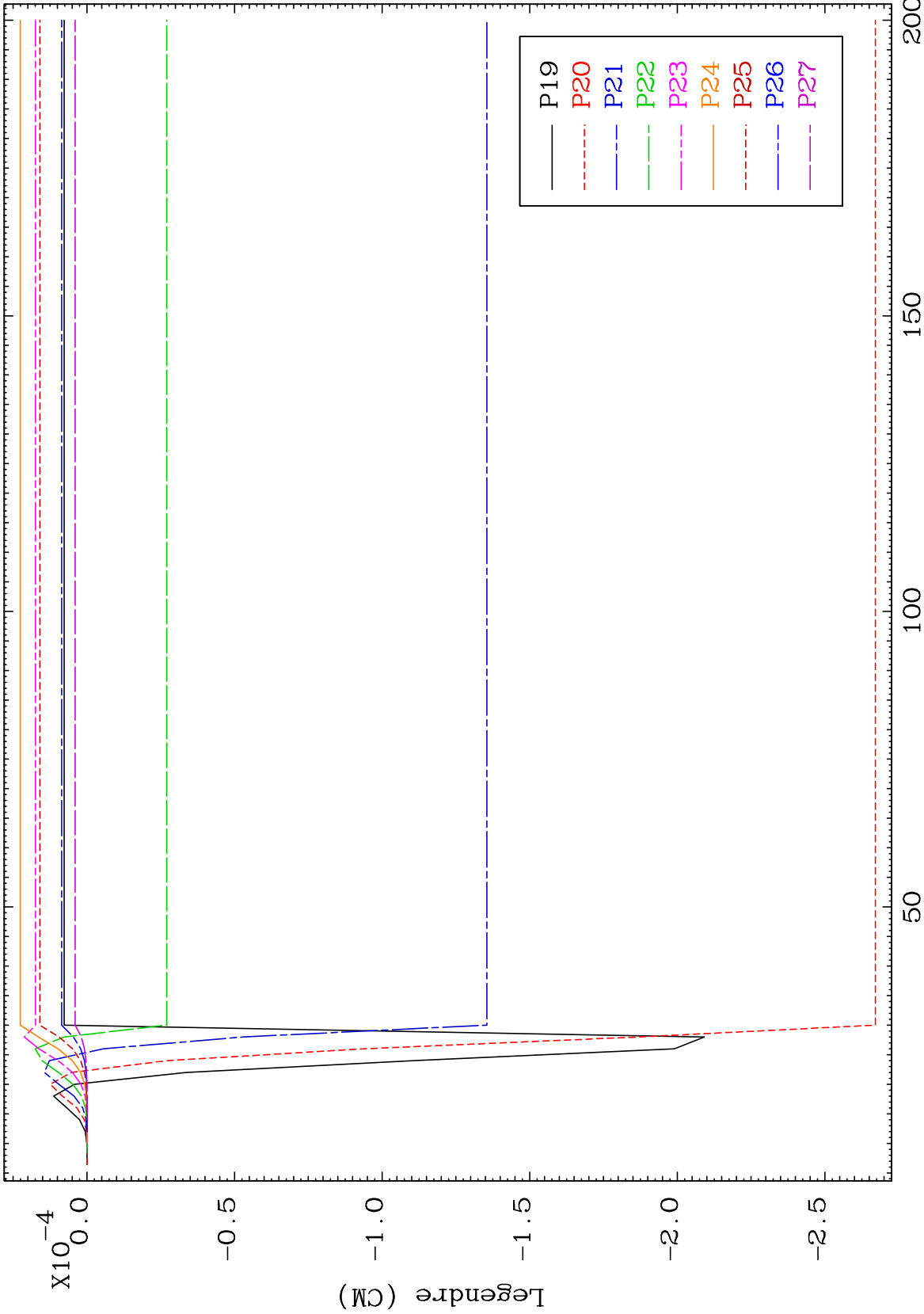
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



58

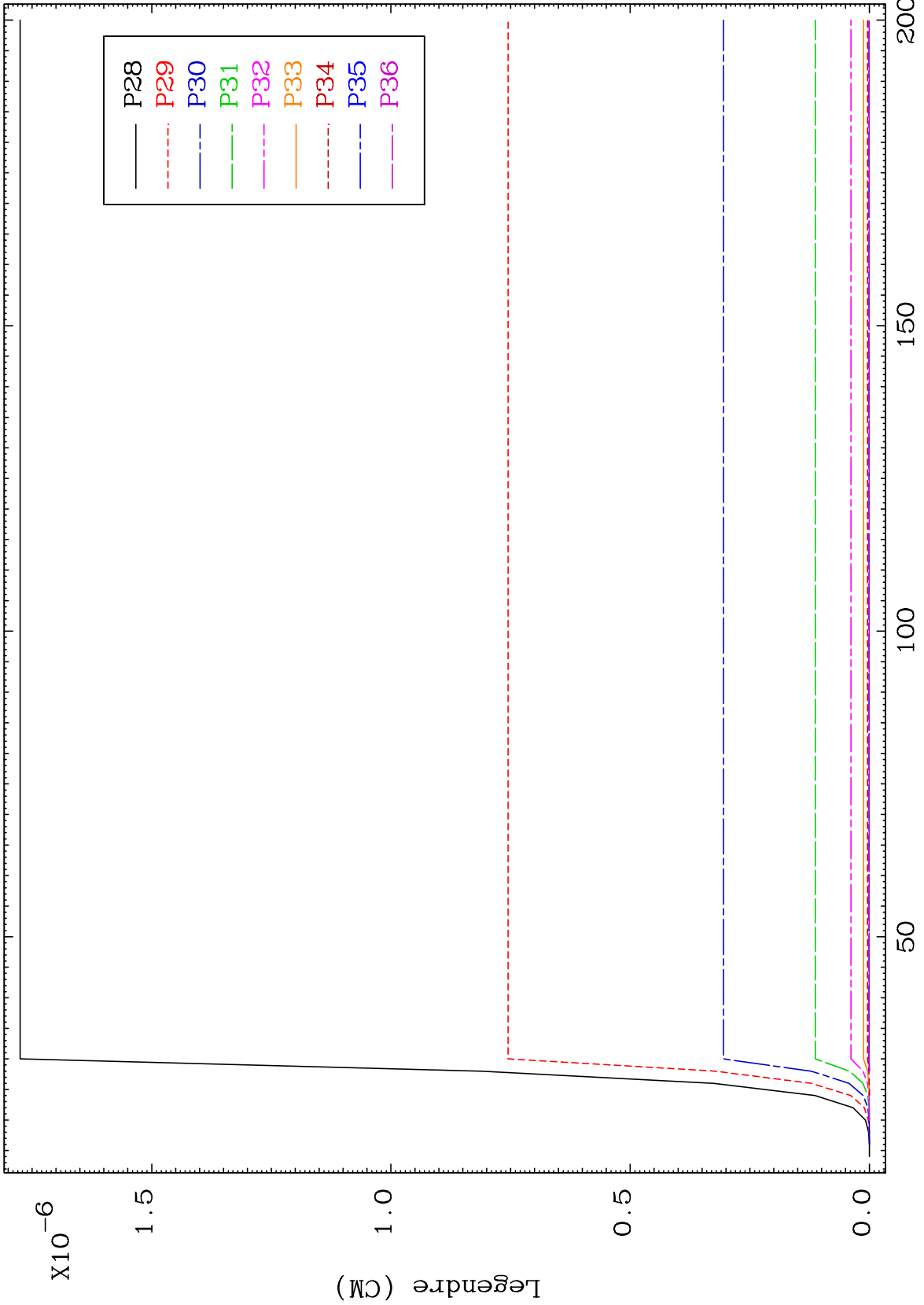
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



59

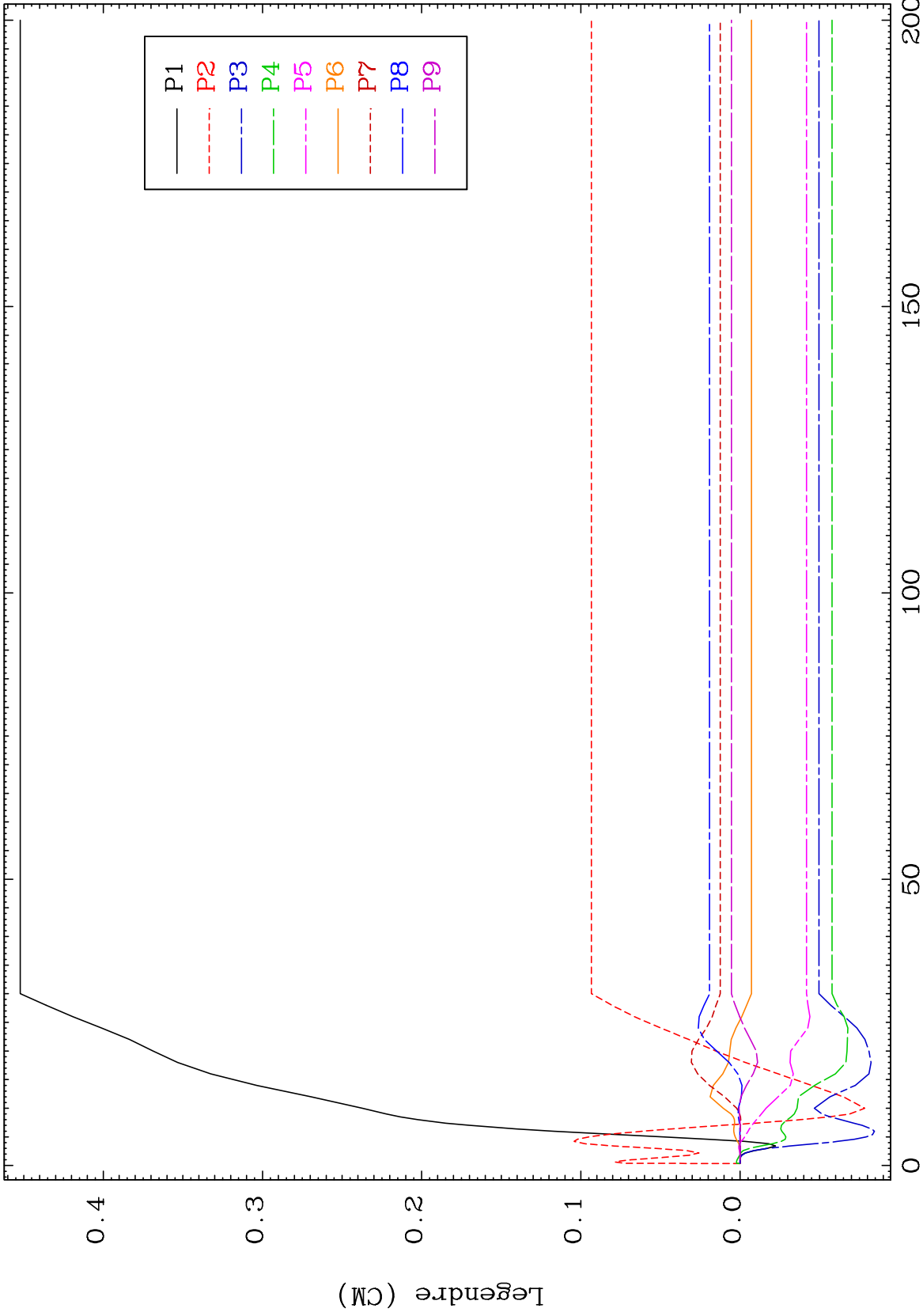
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



71-Lu-160

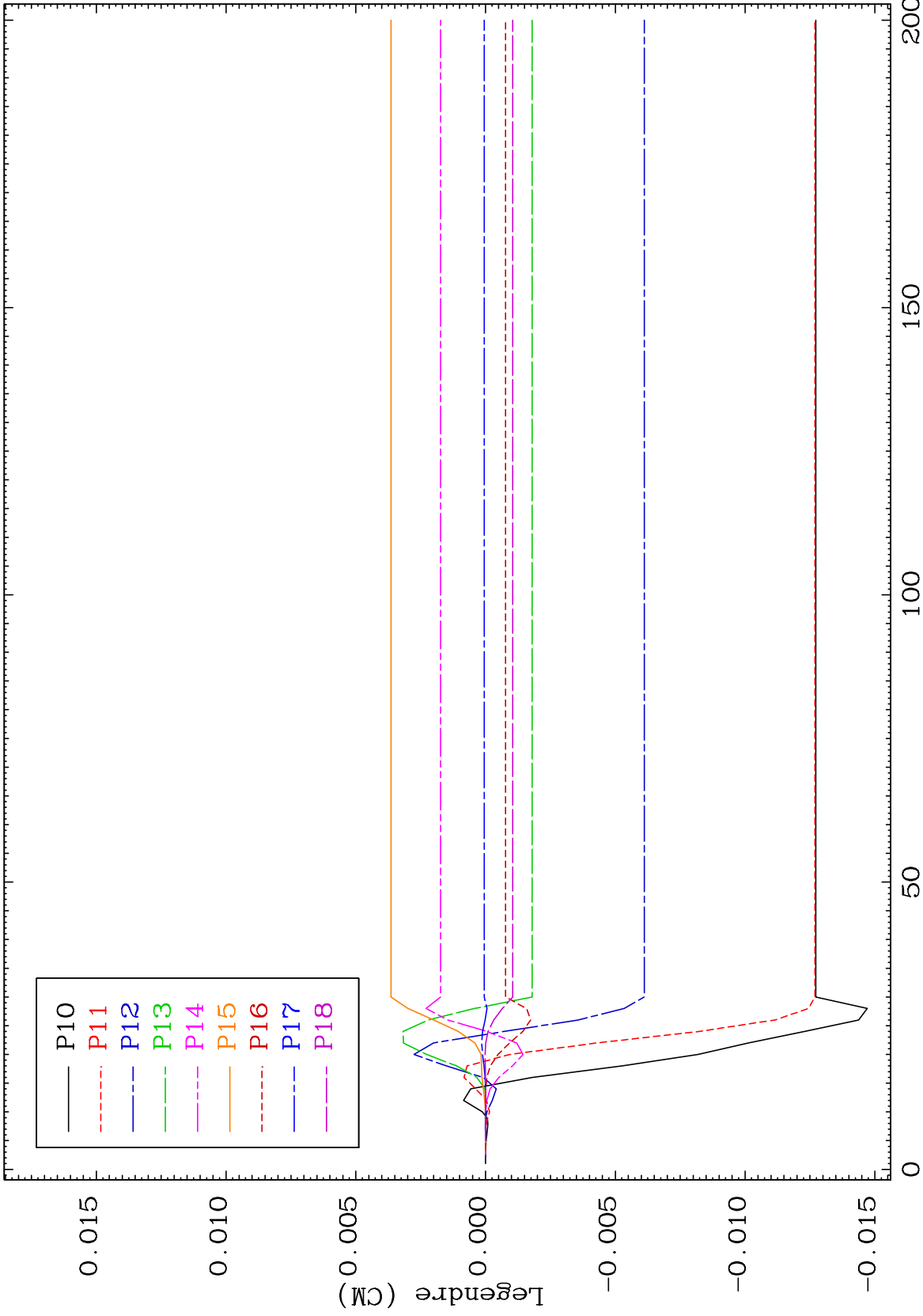
Incident Energy (MeV)

60

MAT 7080

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

71-Lu-160



61

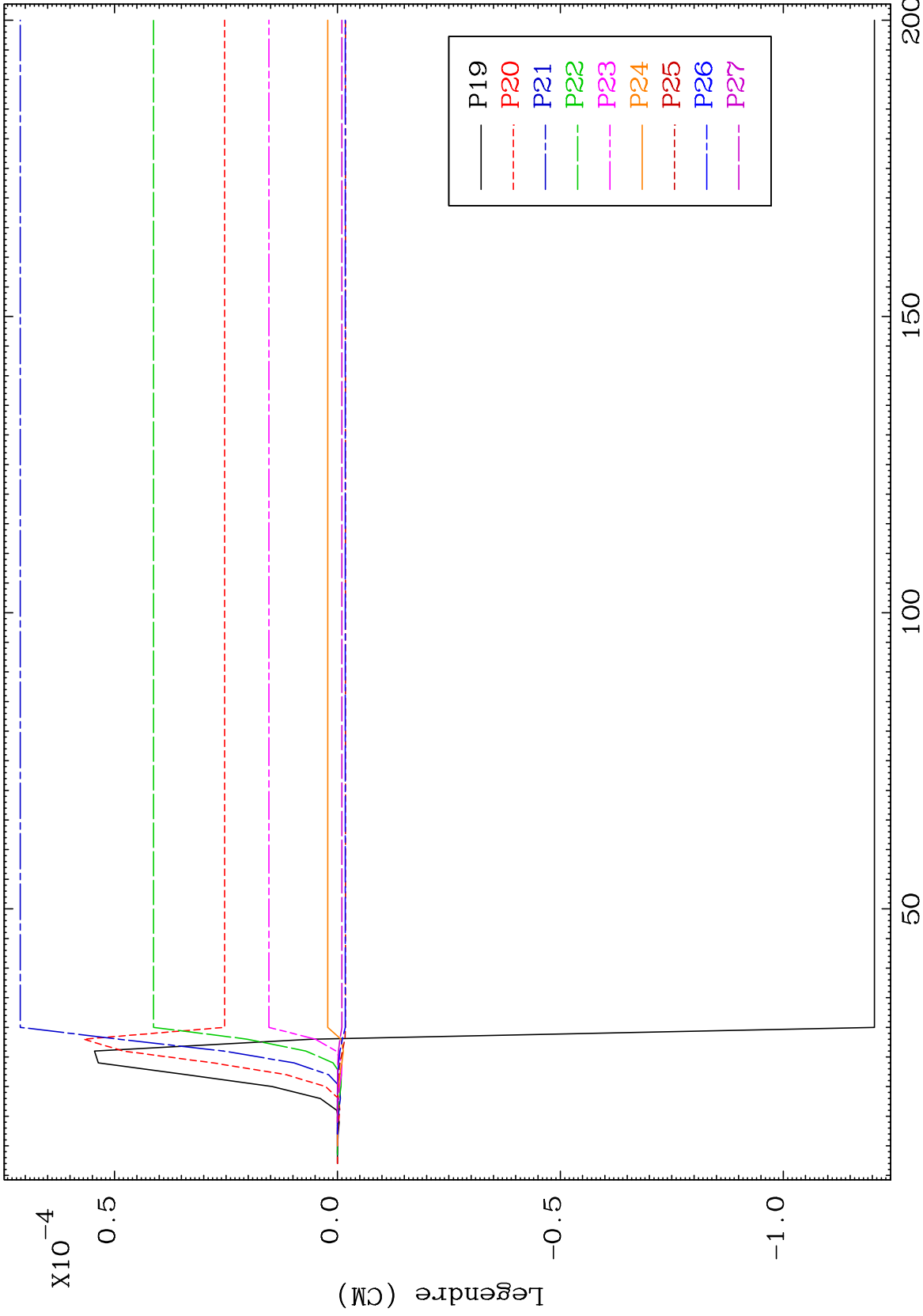
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

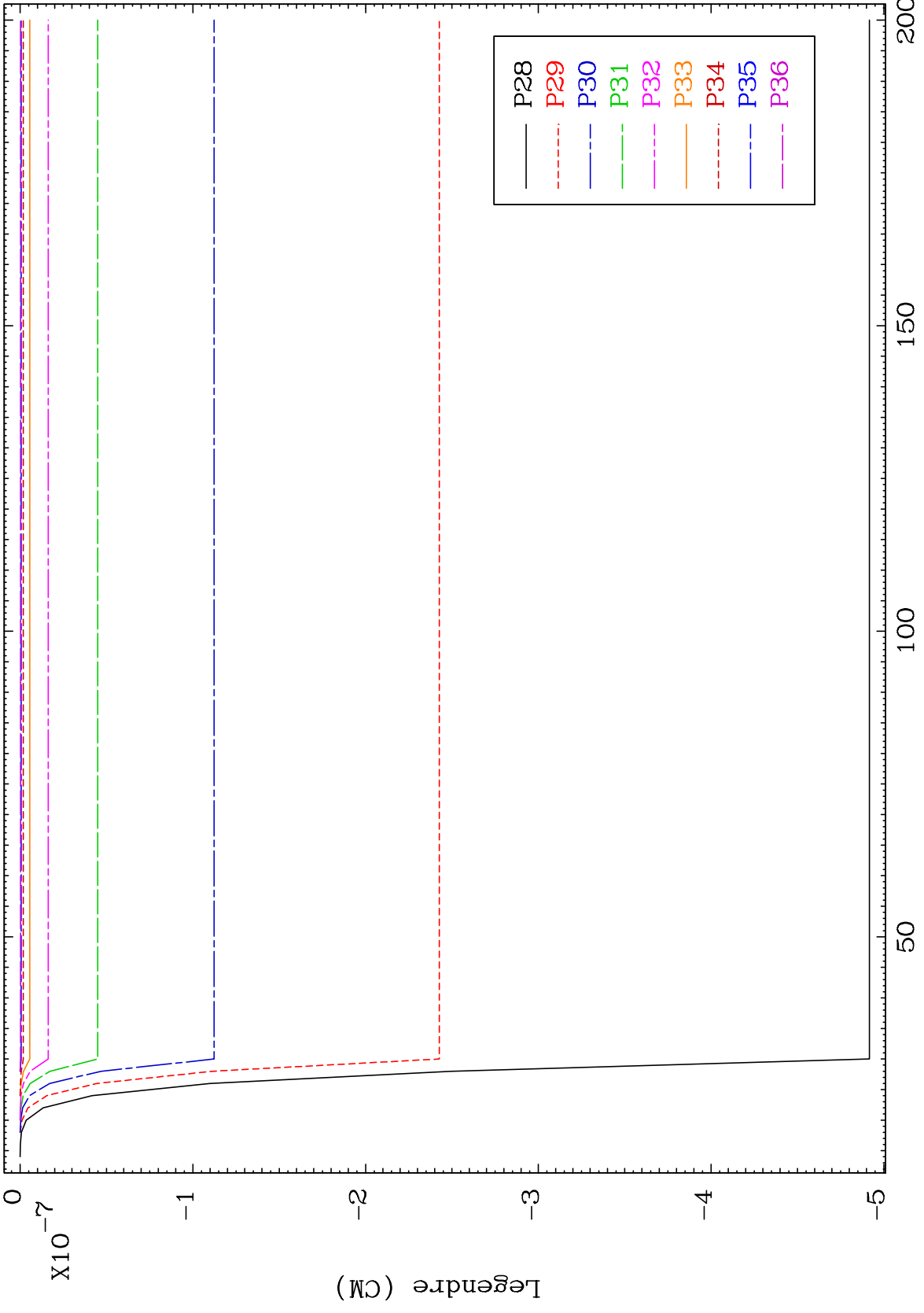
71-Lu-160



62

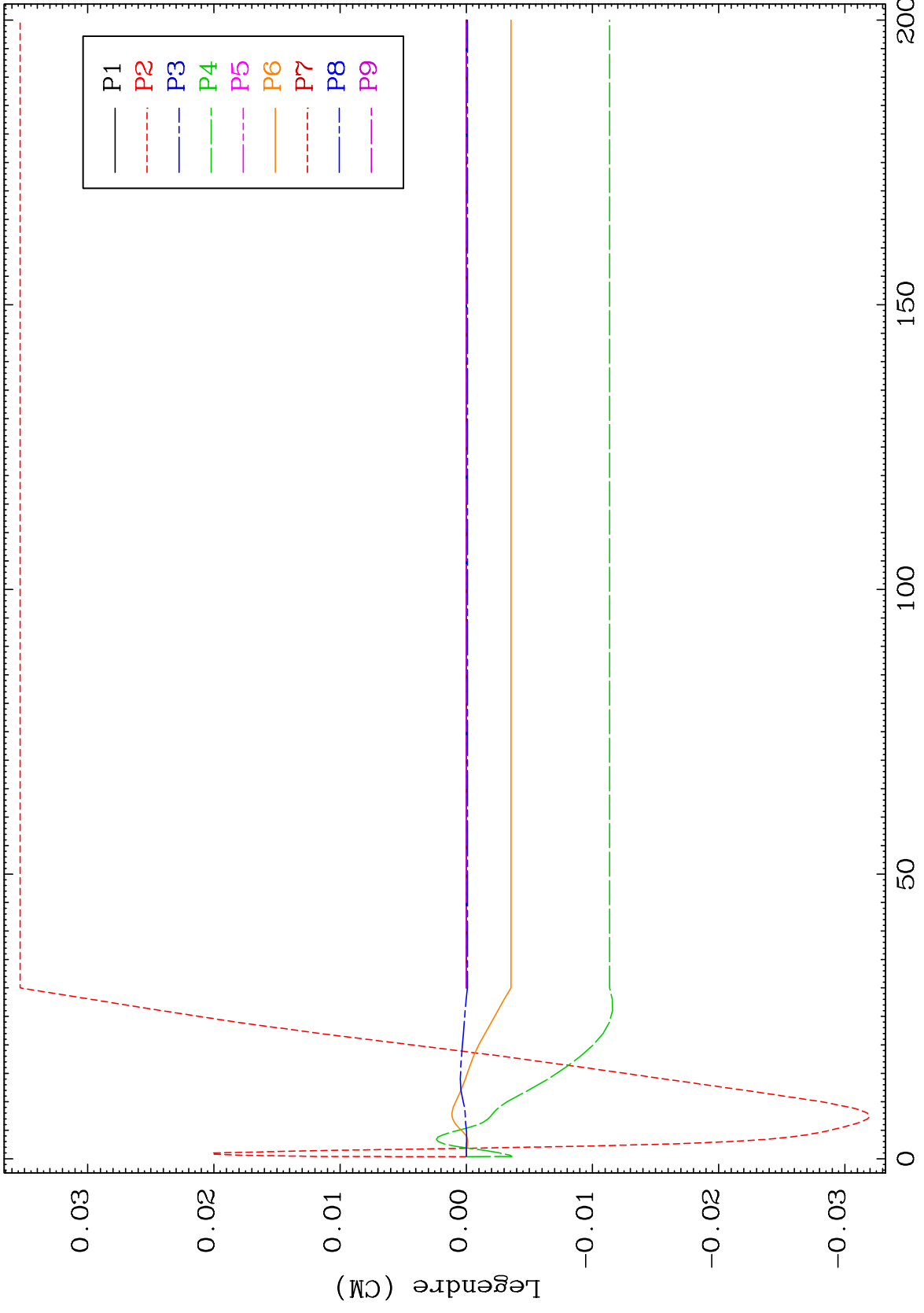
71-Lu-160

MAT 7080 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-160



63 71-Lu-160

MAT 7080 MT= 63 (n,n') Level Legendre Coefficients 71-Lu-160

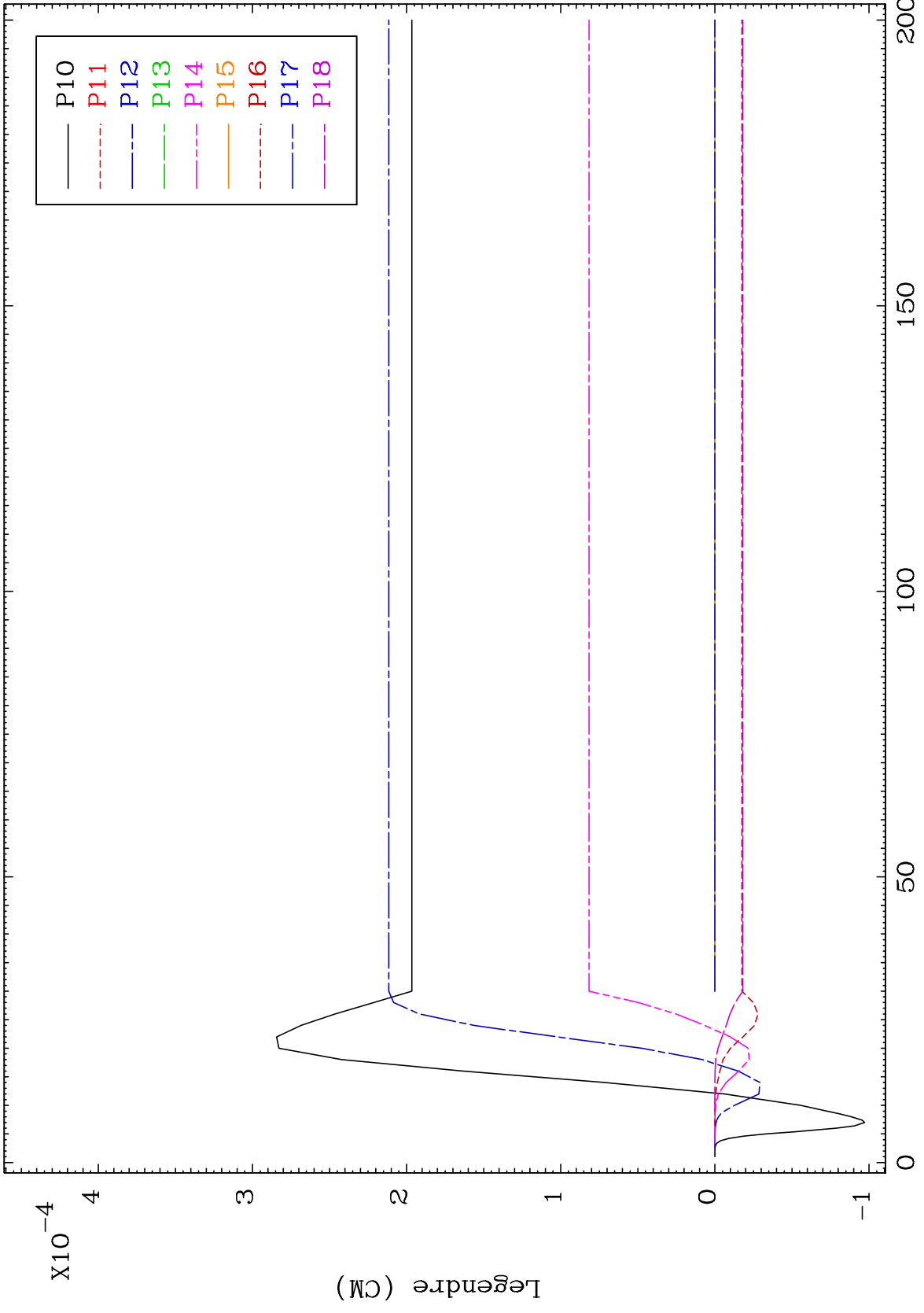


64 71-Lu-160

MAT 7080

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

71-Lu-160

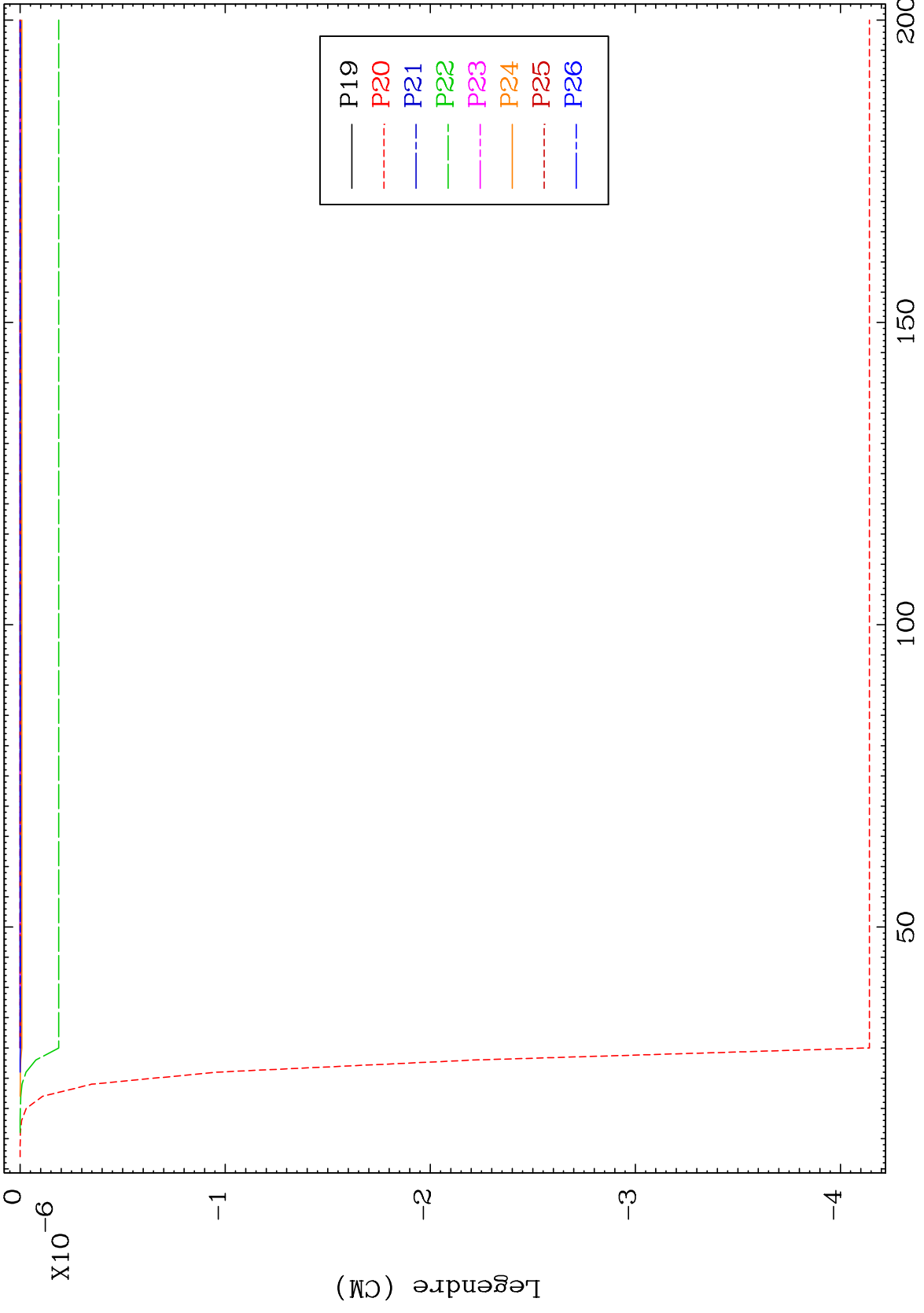


65

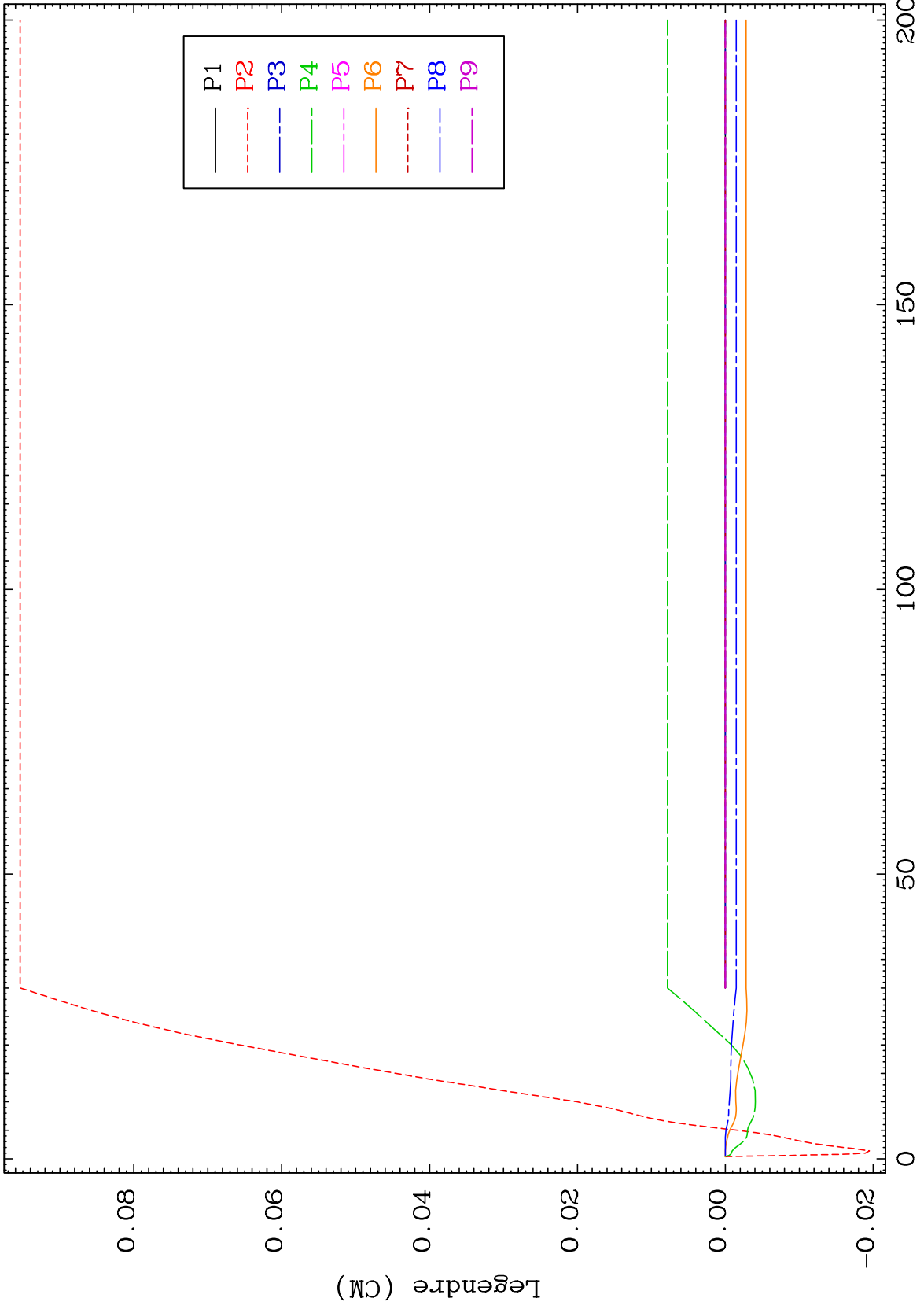
Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 63 (n,n') Level Legendre Coefficients 71-Lu-160



MAT 7080 MT= 64 (n,n') Level Legendre Coefficients 71-Lu-160

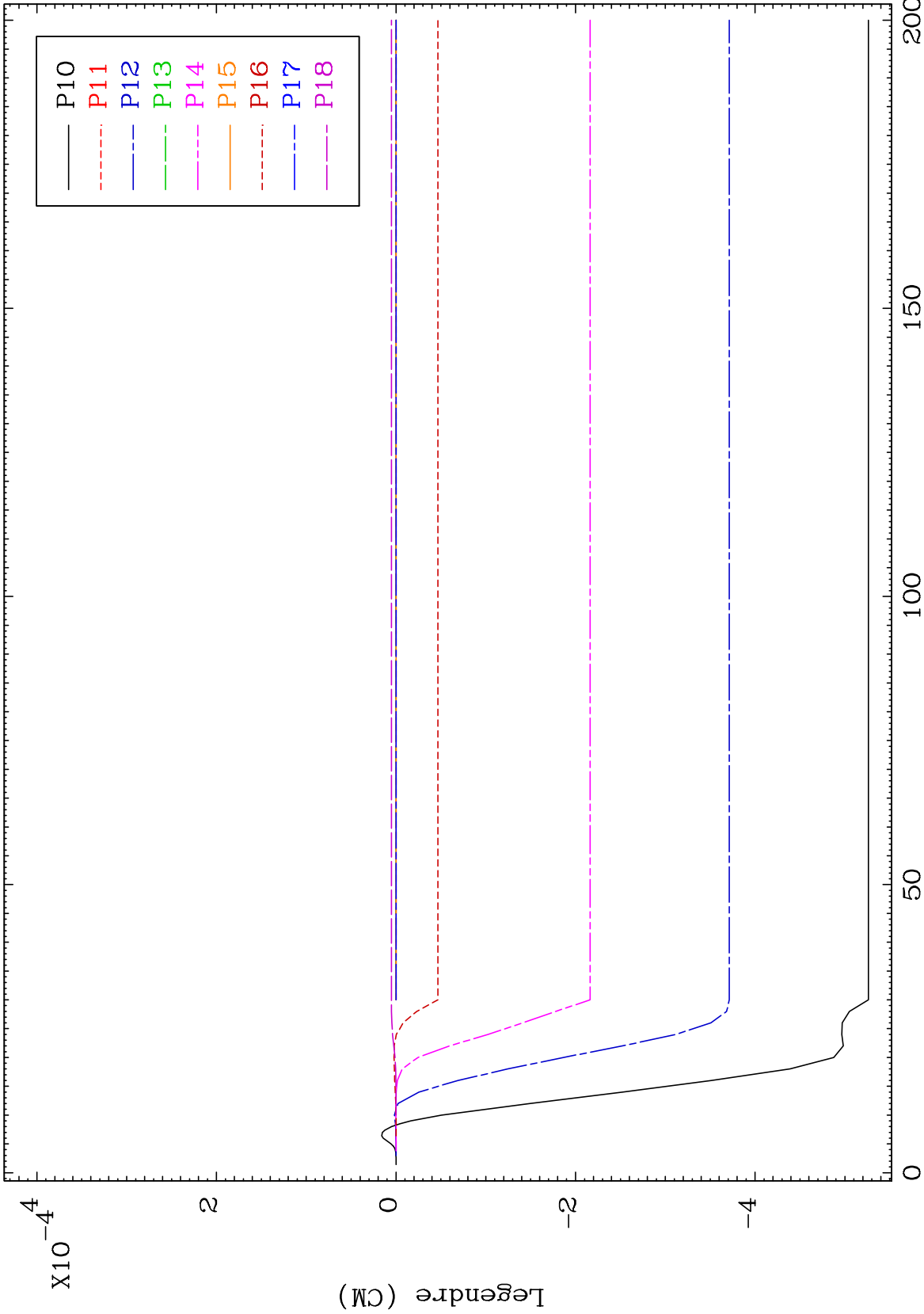


67 71-Lu-160

MAT 7080

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

71-Lu-160

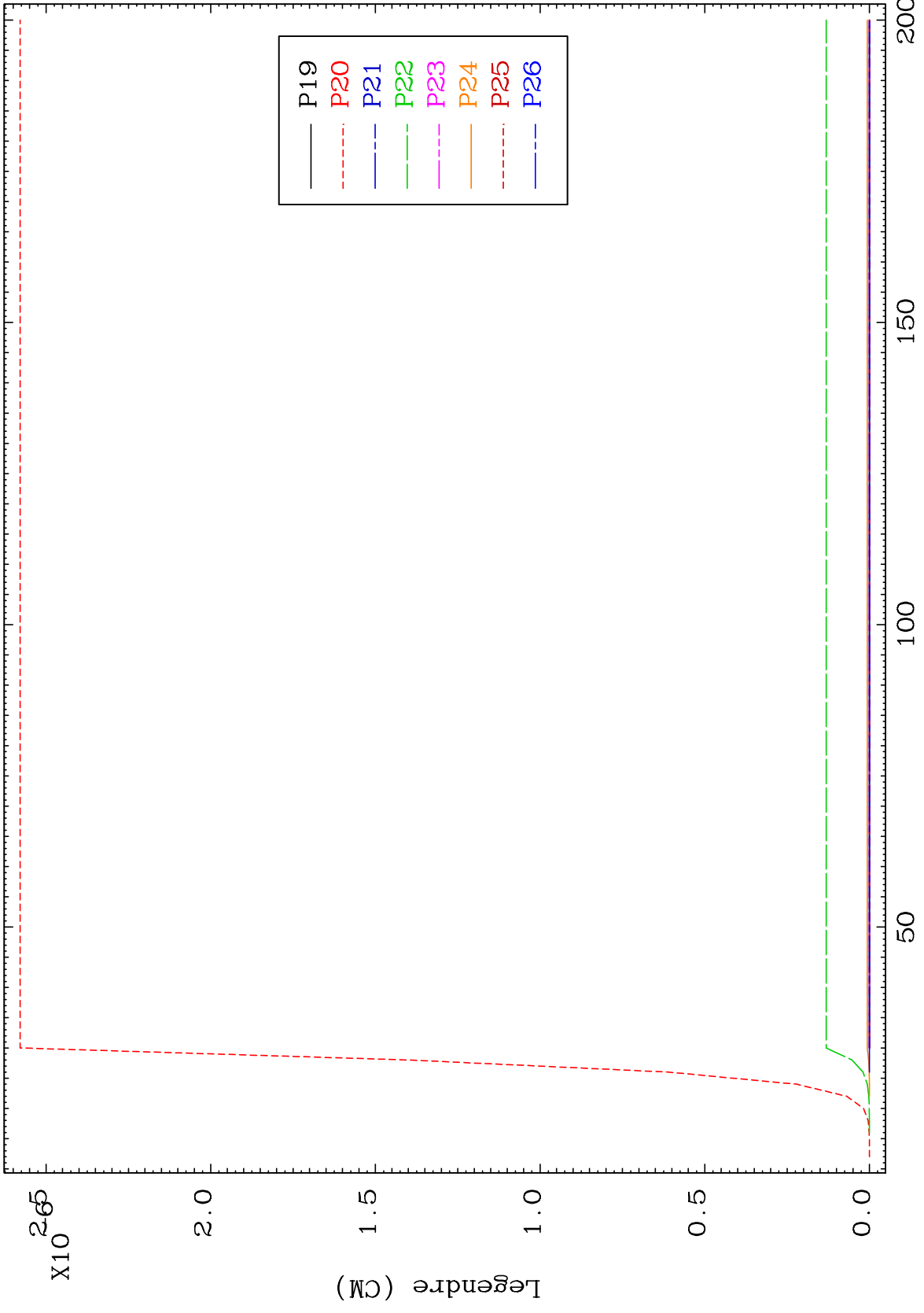


68

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 64 (n,n') Level Legendre Coefficients 71-Lu-160

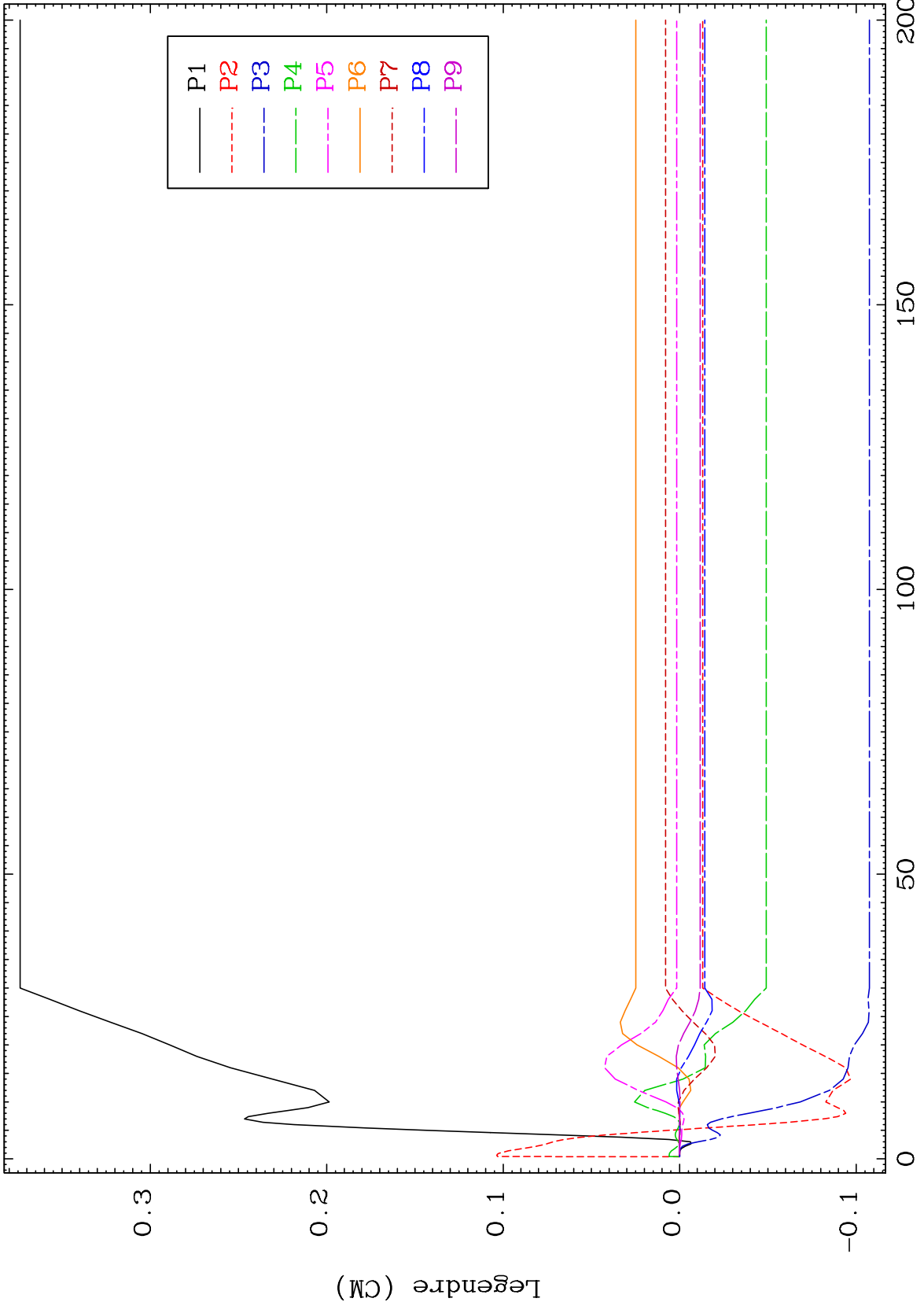


69 71-Lu-160

MAT 7080

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

71-Lu-160

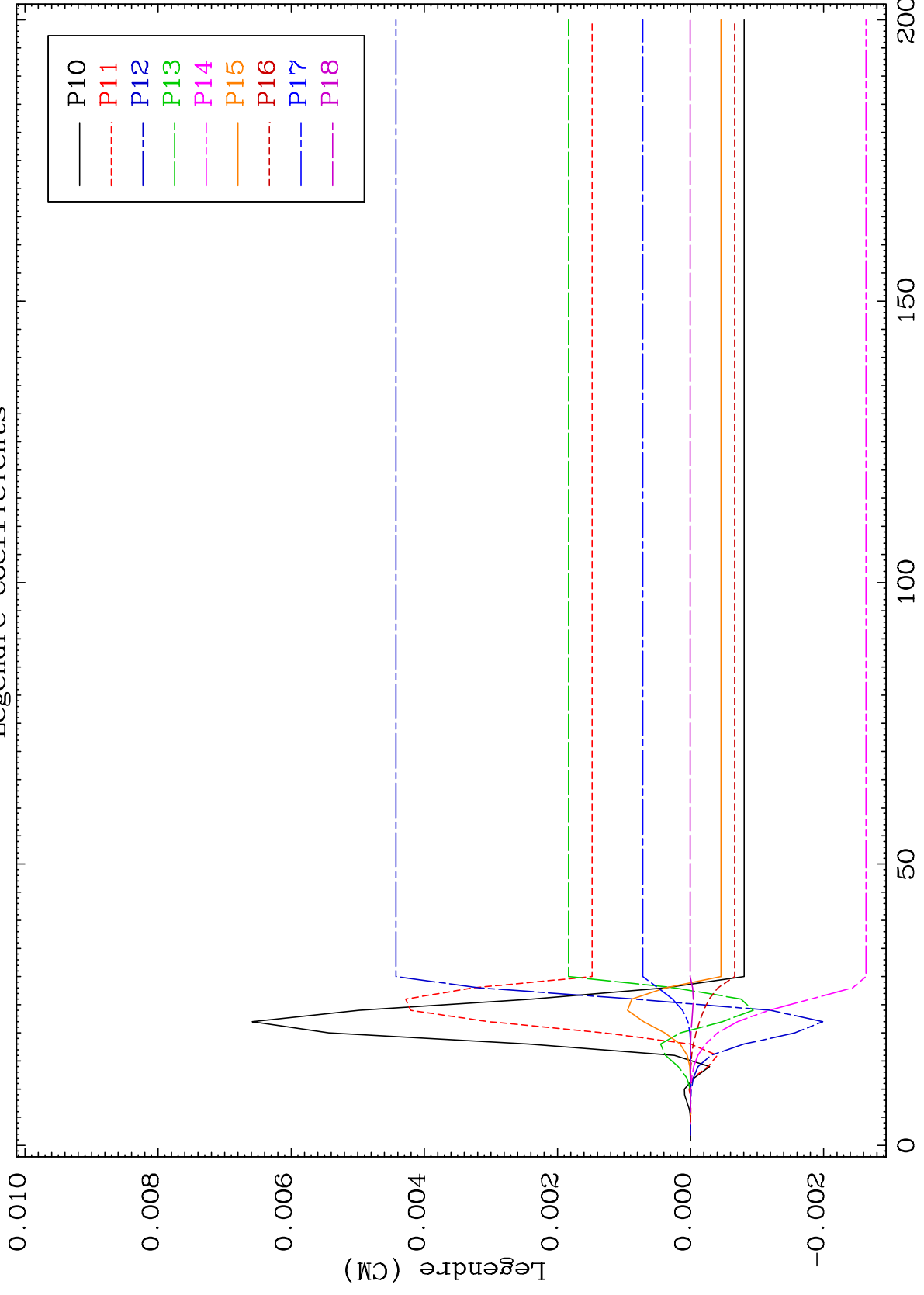


70

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 65 (n,n') Level Legendre Coefficients 71-Lu-160

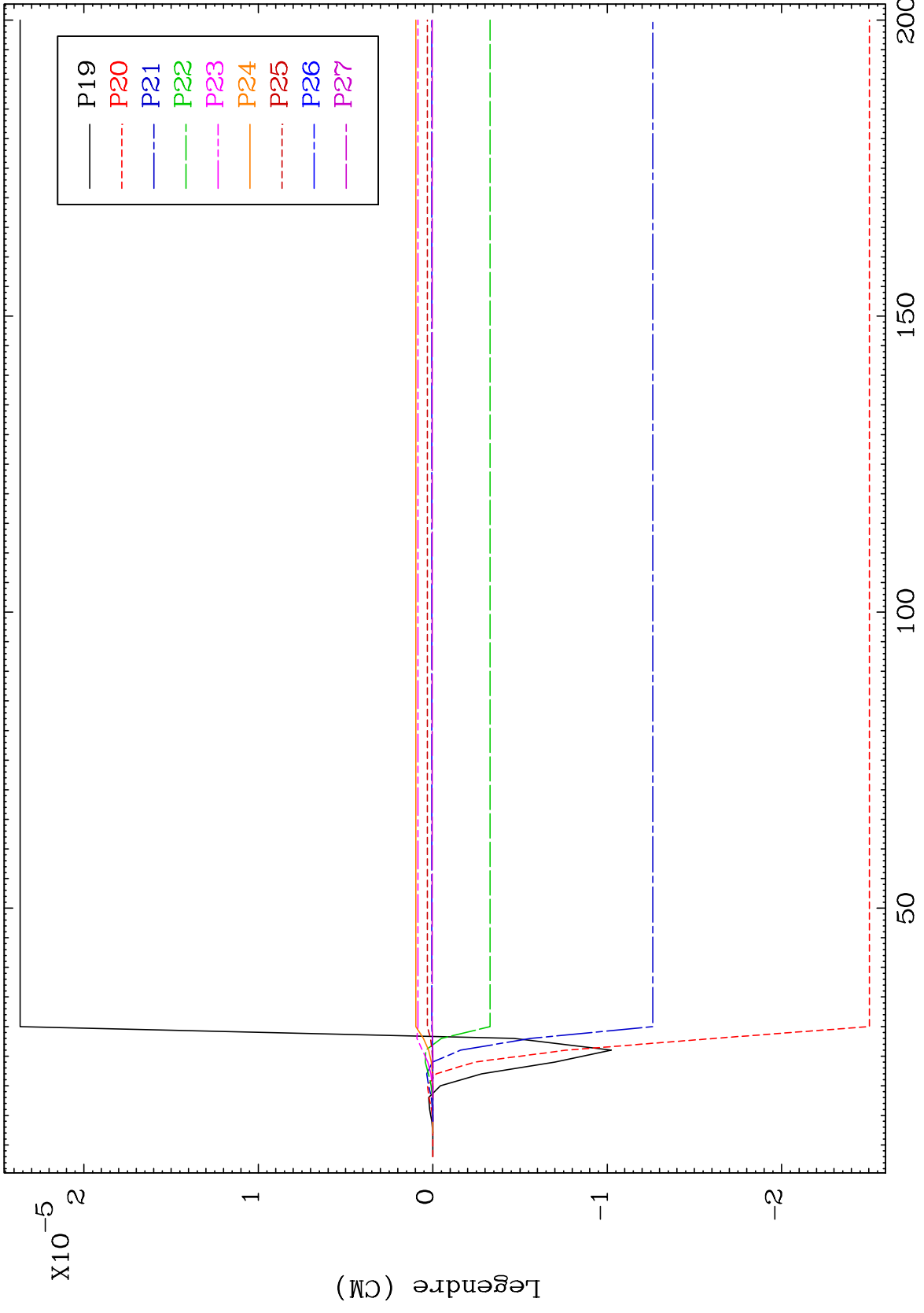


71 71-Lu-160

MAT 7080

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

71-Lu-160



72

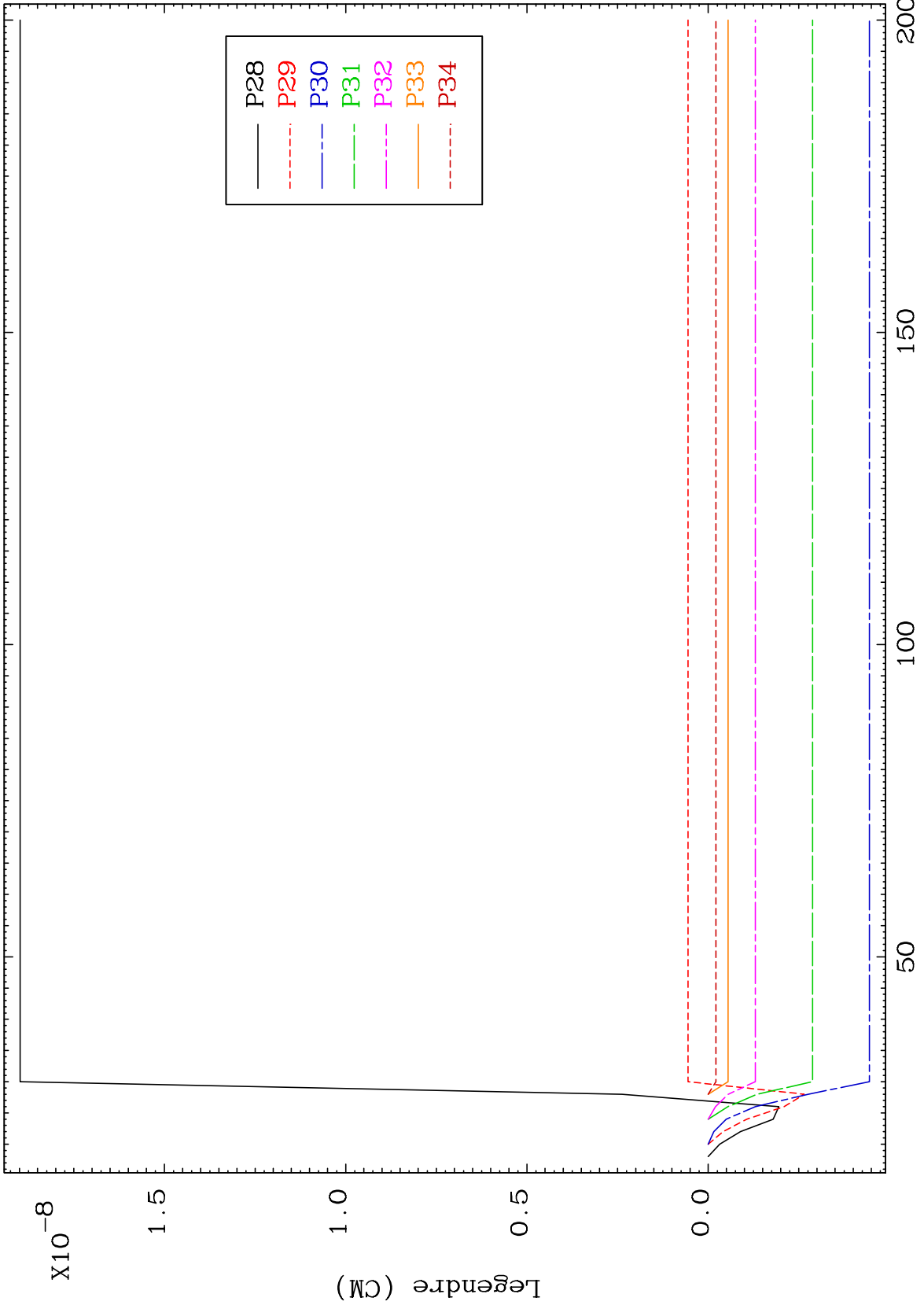
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

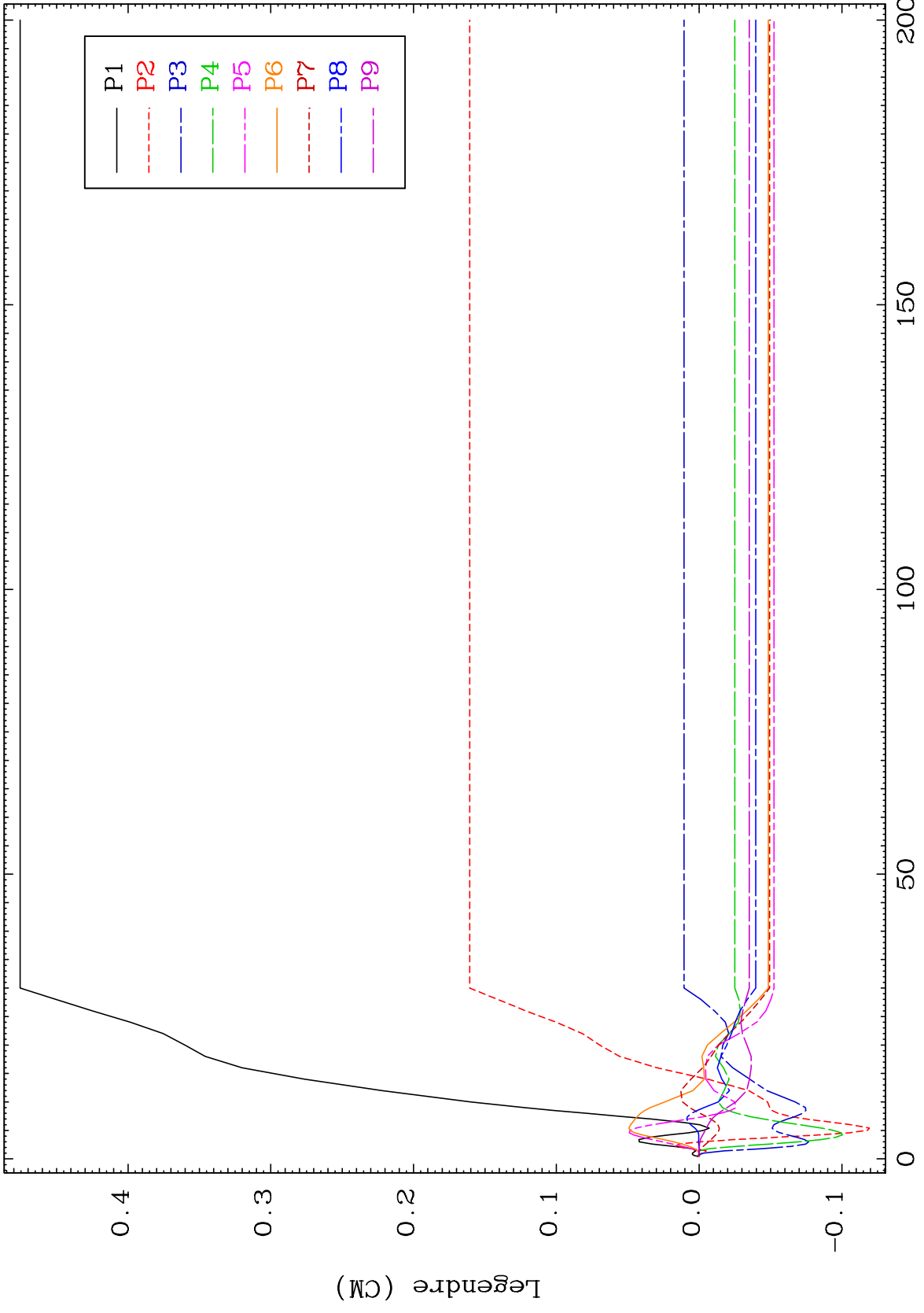


73

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 66 (n,n') Level Legendre Coefficients 71-Lu-160

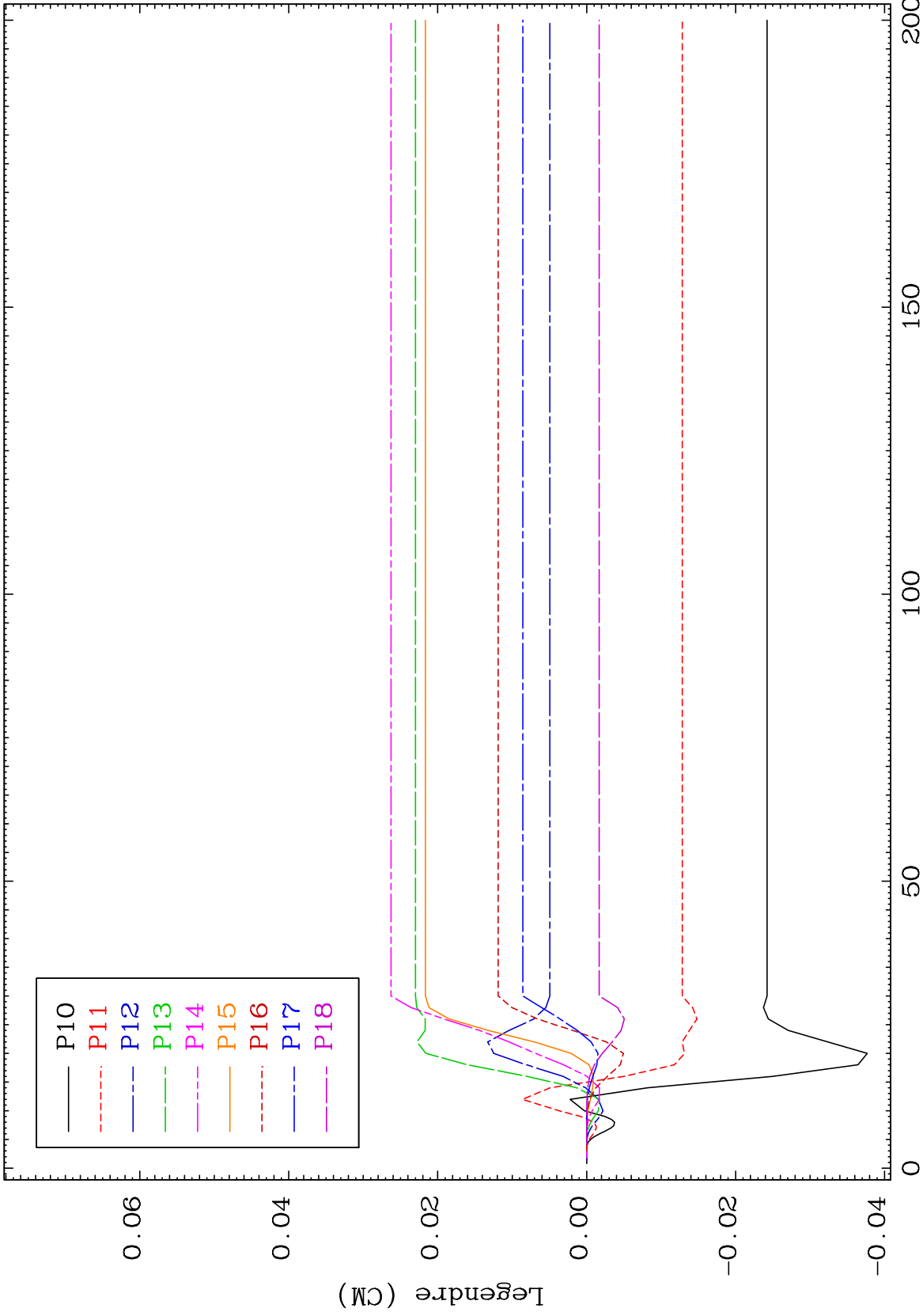


74 71-Lu-160

MAT 7080

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

71-Lu-160

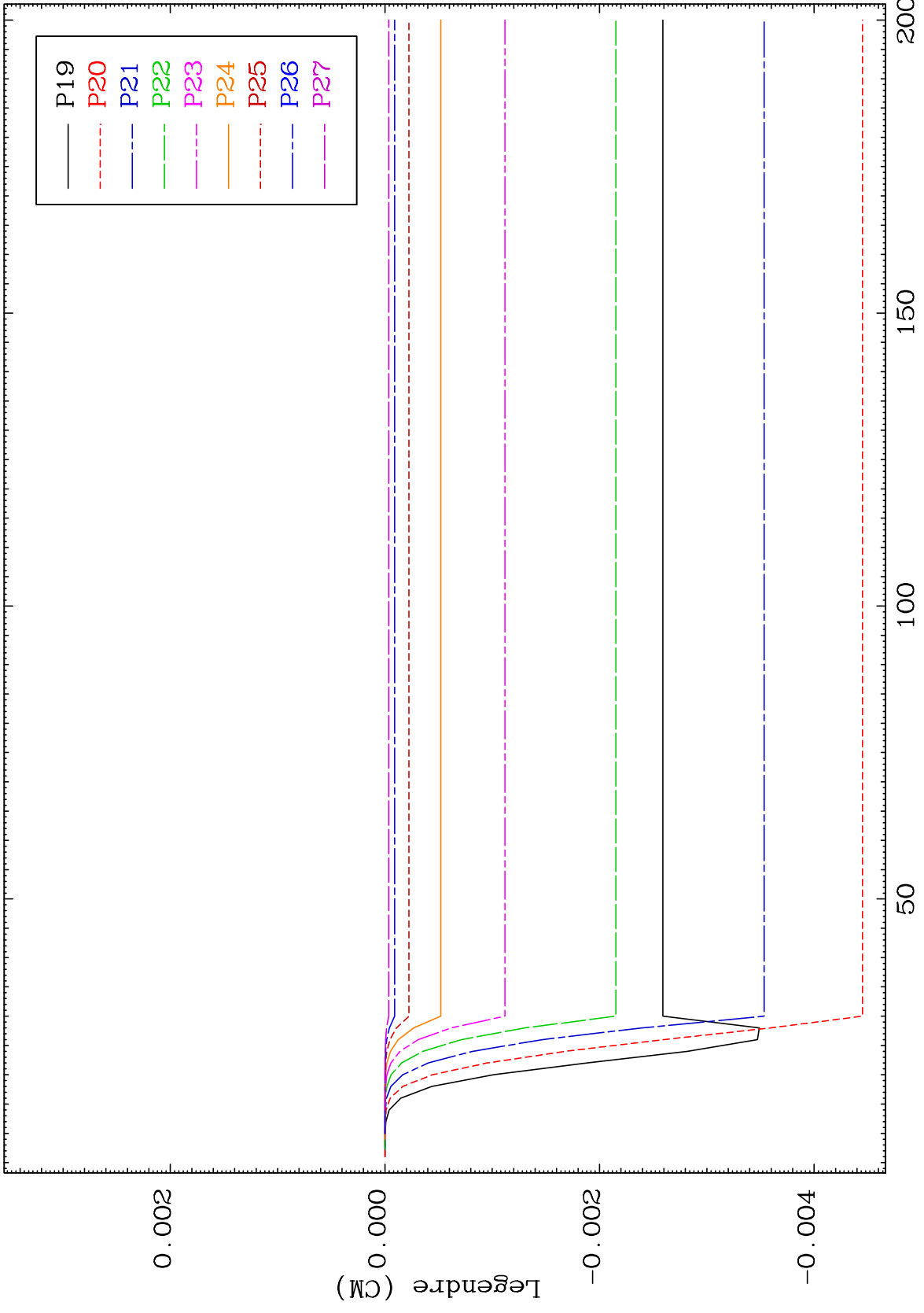


75

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 66 (n,n') Level Legendre Coefficients 71-Lu-160

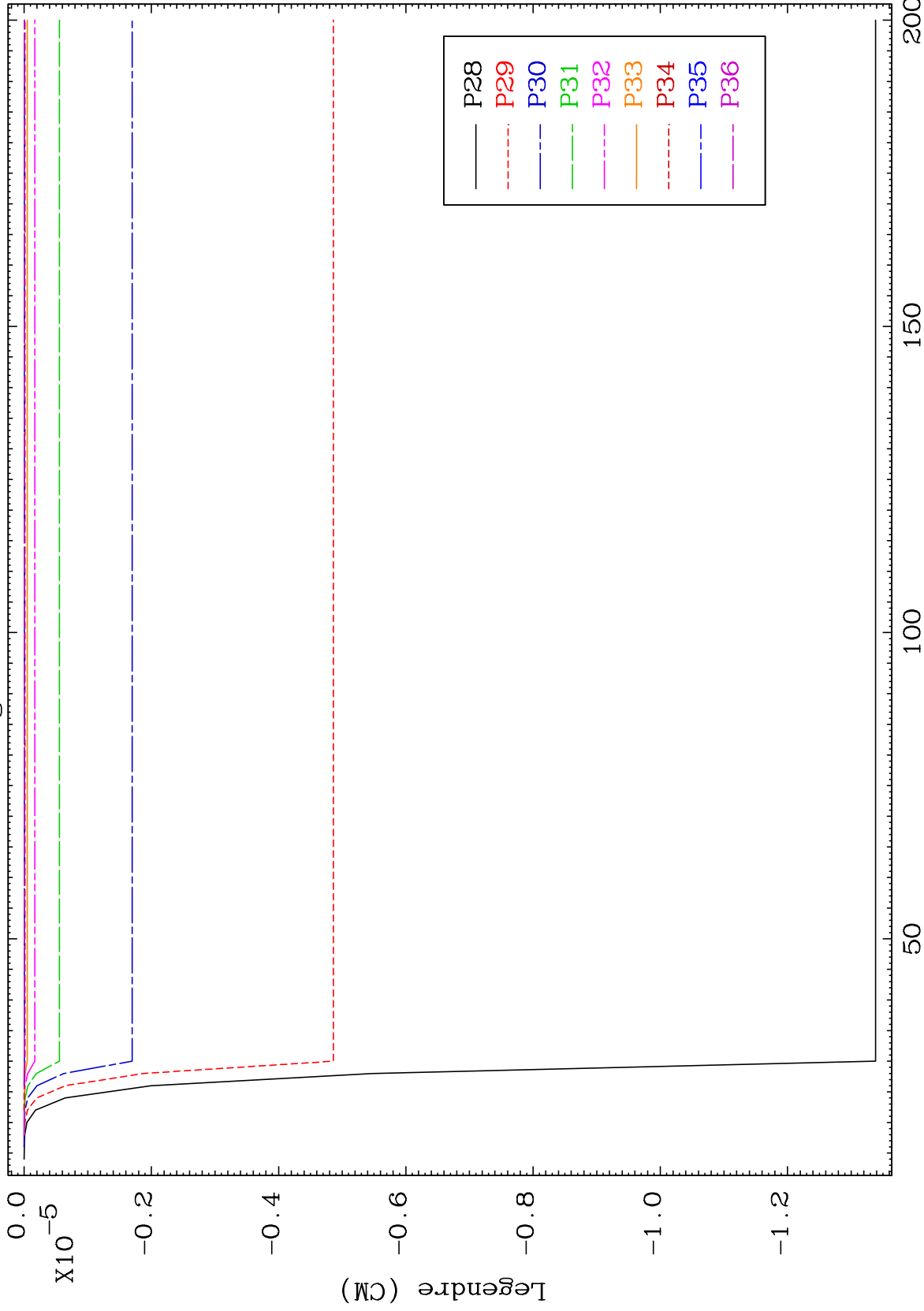


76 71-Lu-160

MAT 7080

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

71-Lu-160



77

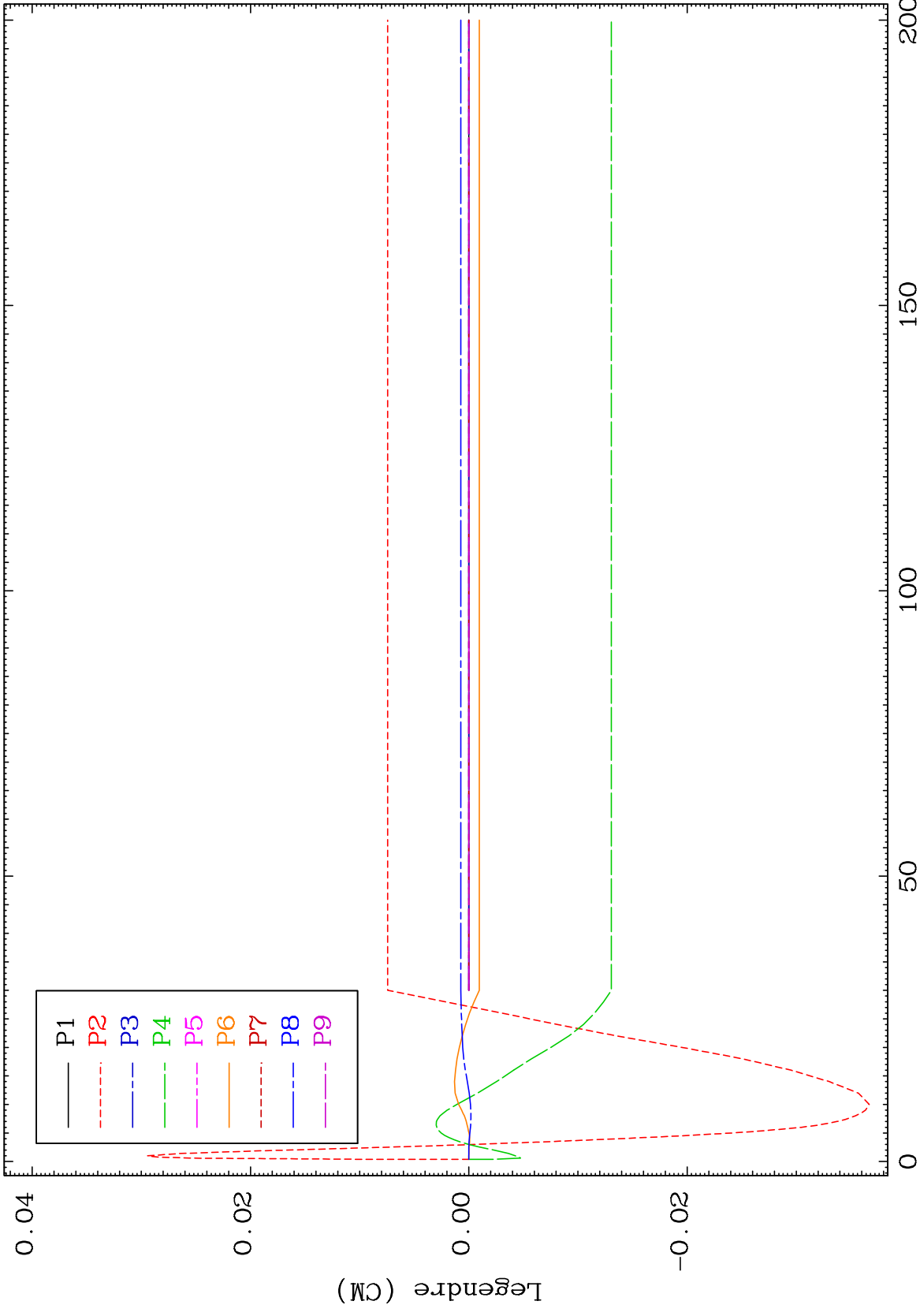
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



78

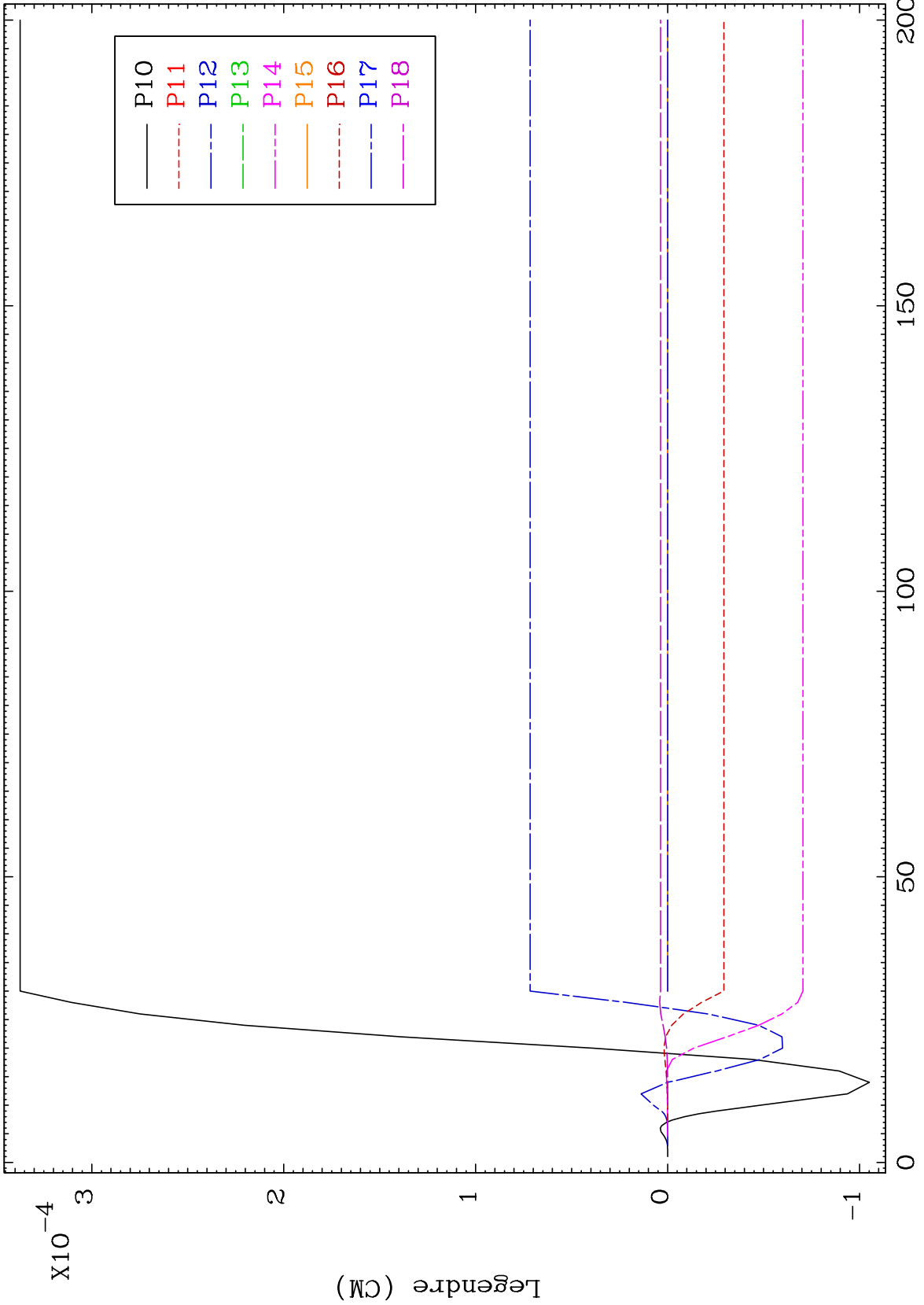
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

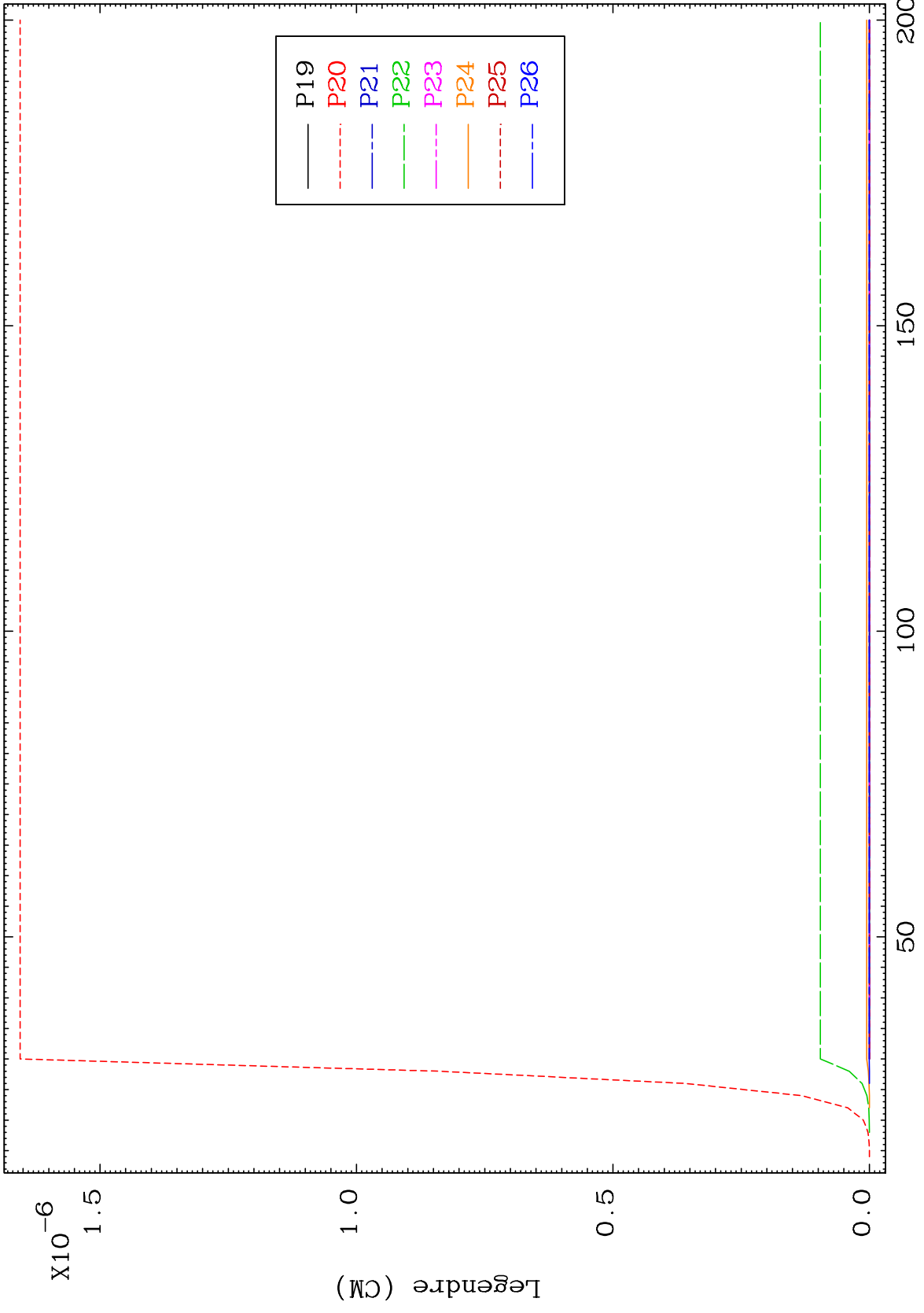


79

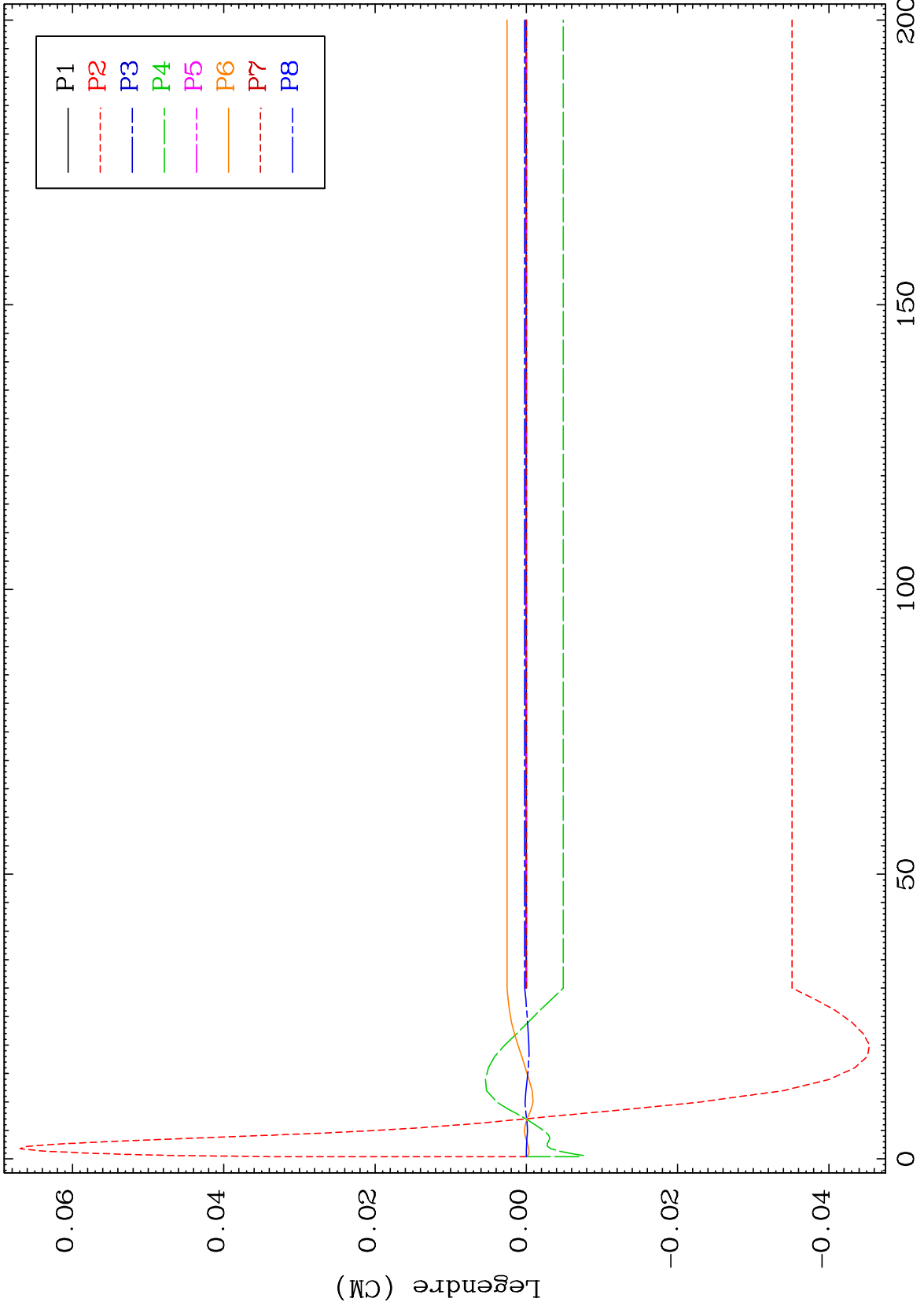
Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-160



MAT 7080 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-160

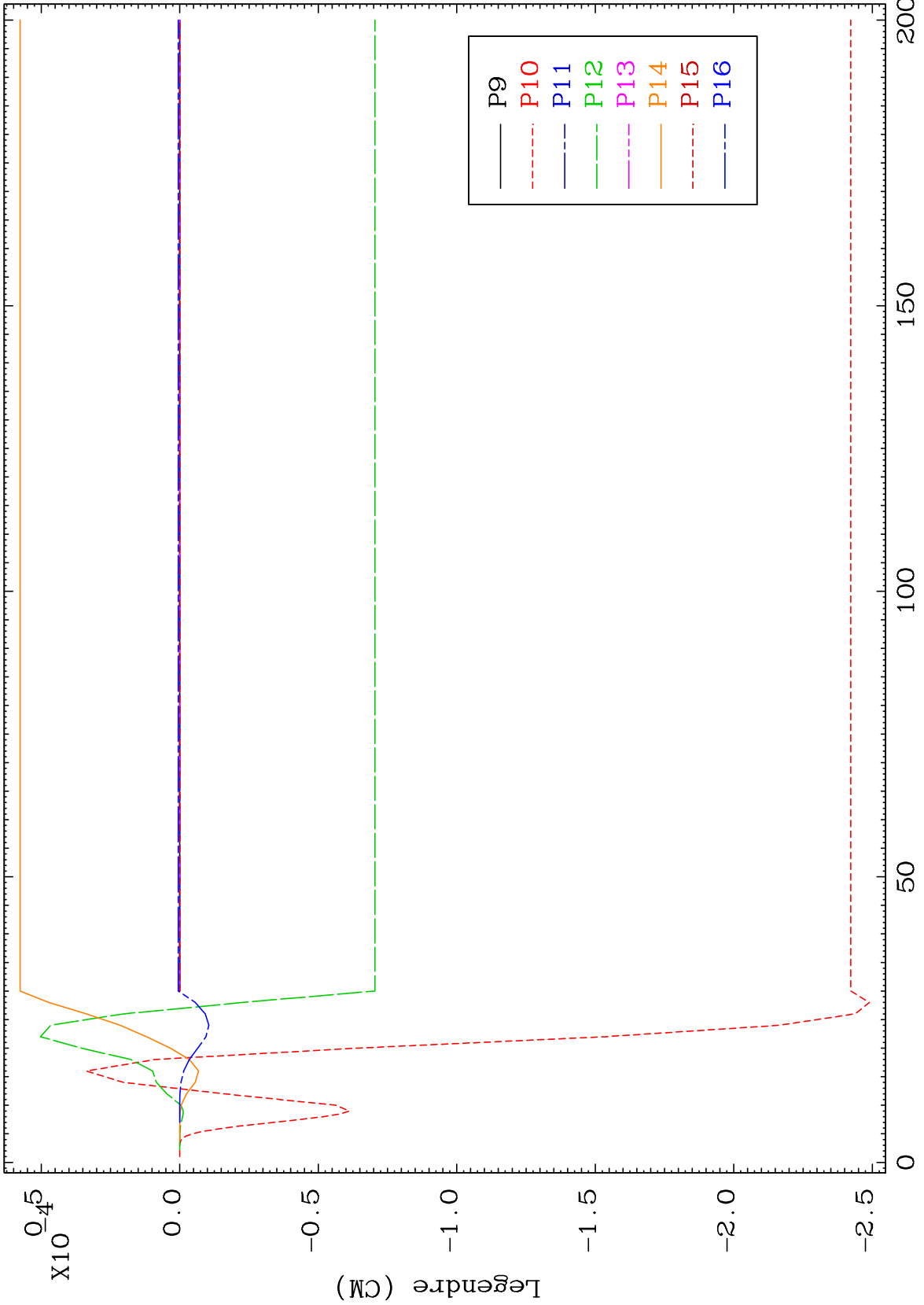


81 71-Lu-160

MAT 7080

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

71-Lu-160

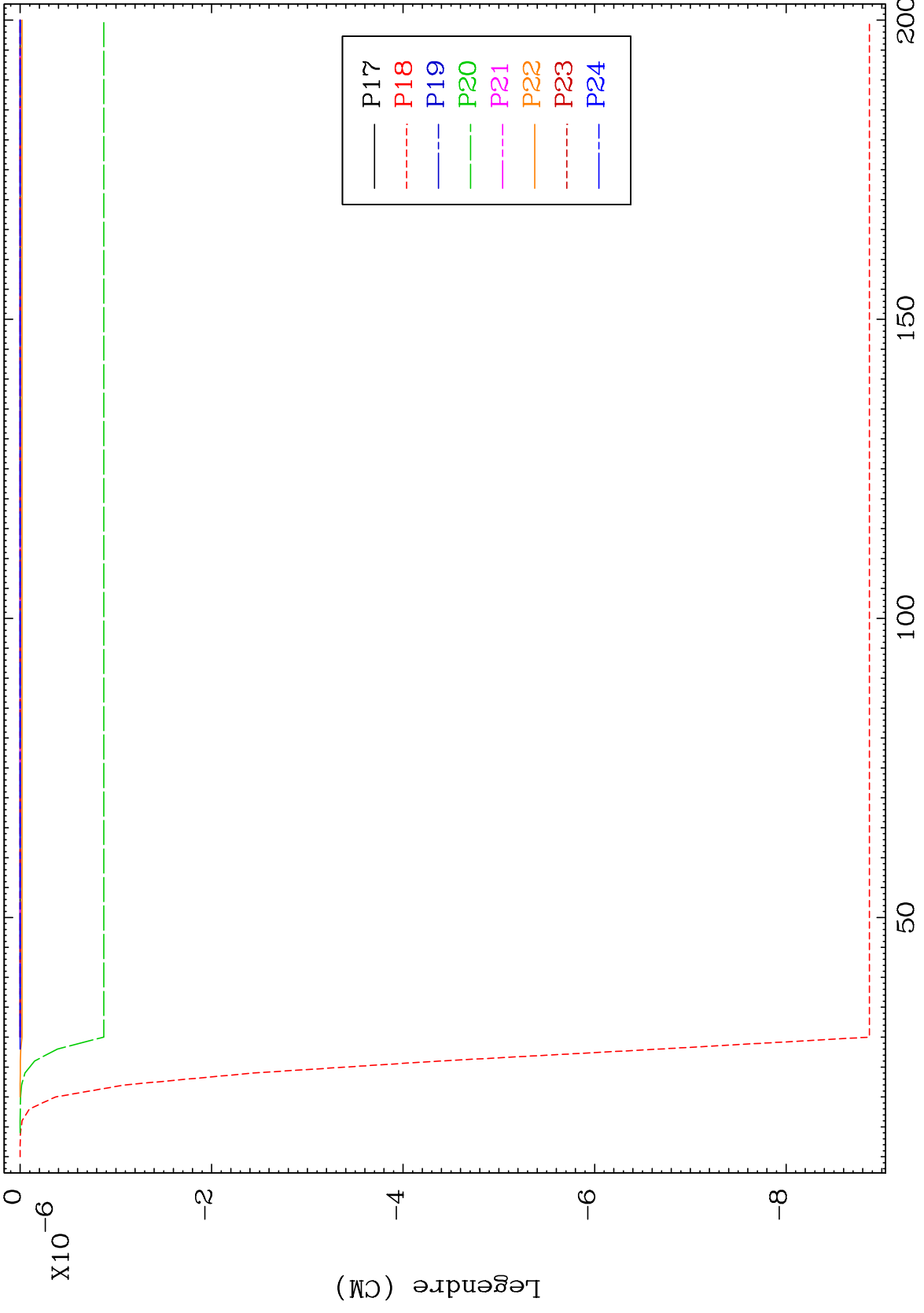


82

Incident Energy (MeV)

71-Lu-160

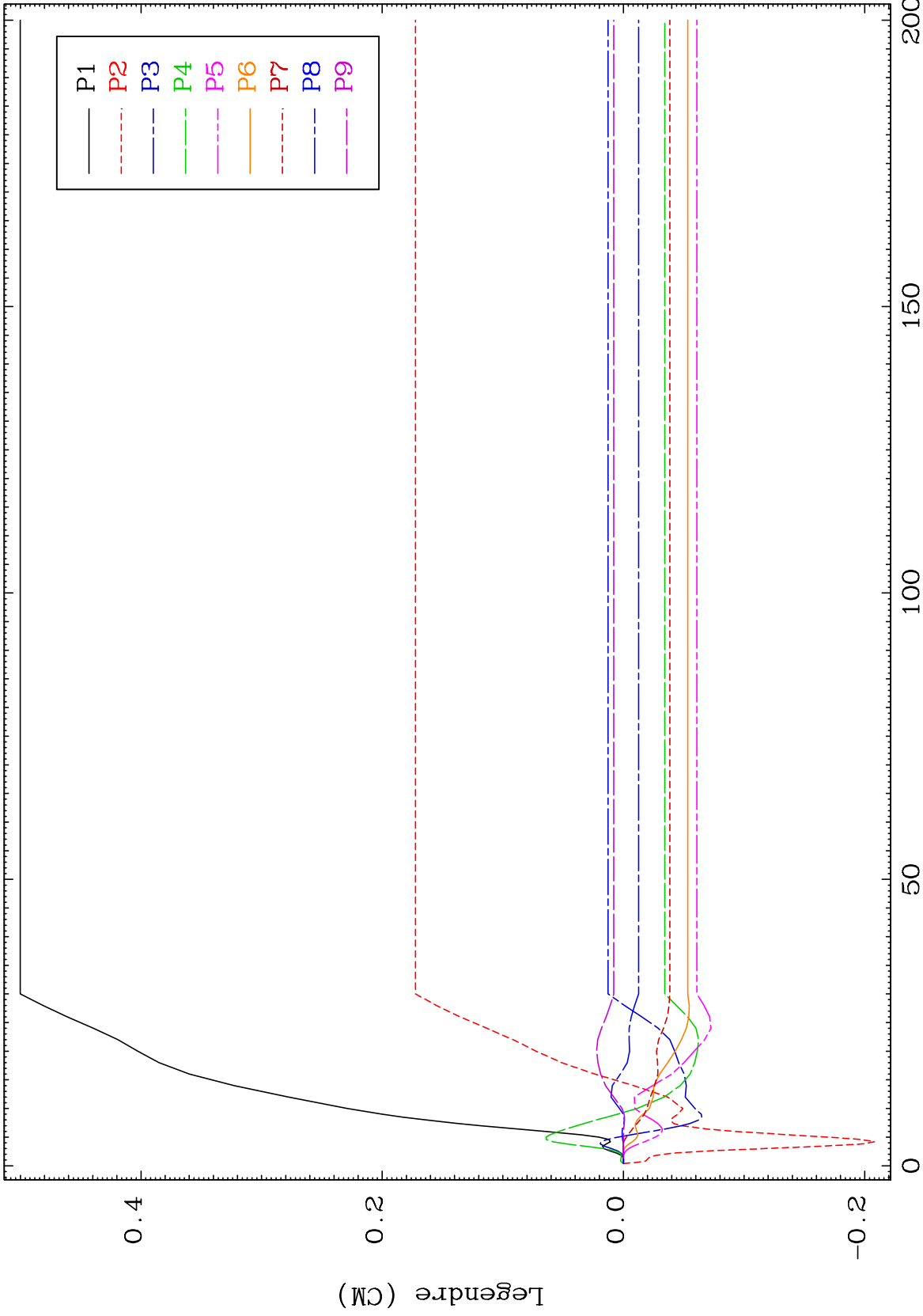
MAT 7080 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-160



MAT 7080

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

71-Lu-160



84

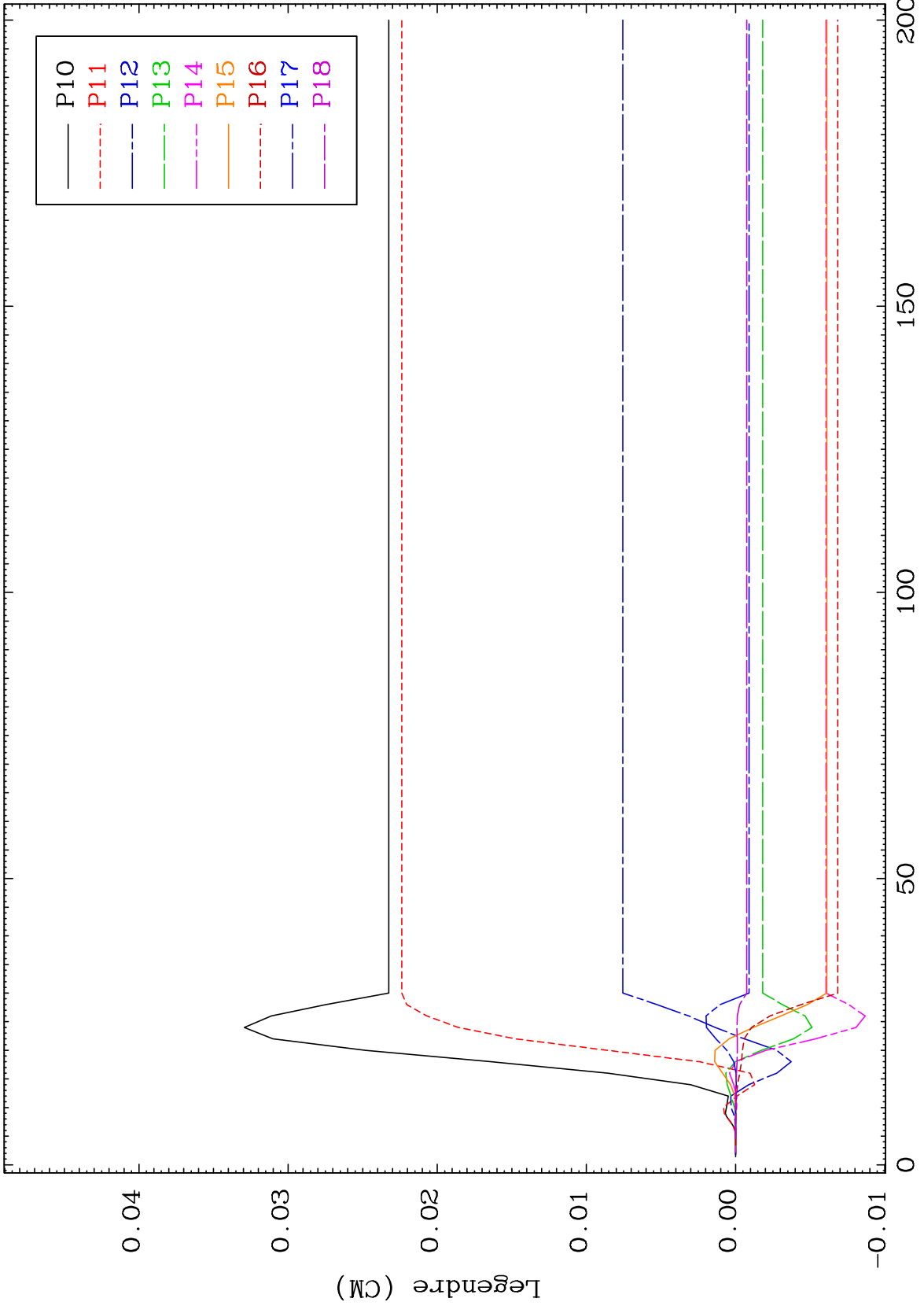
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



85

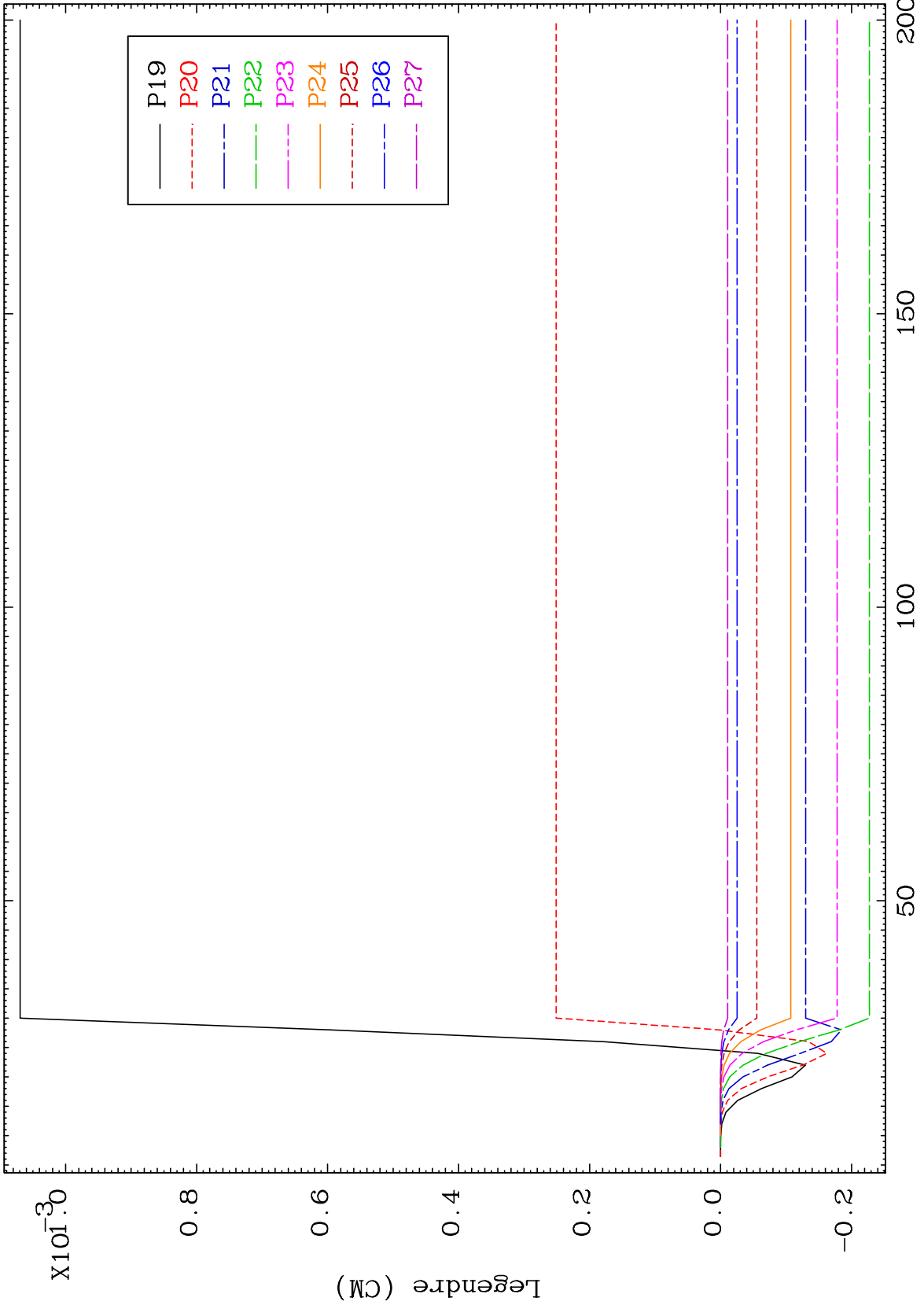
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160

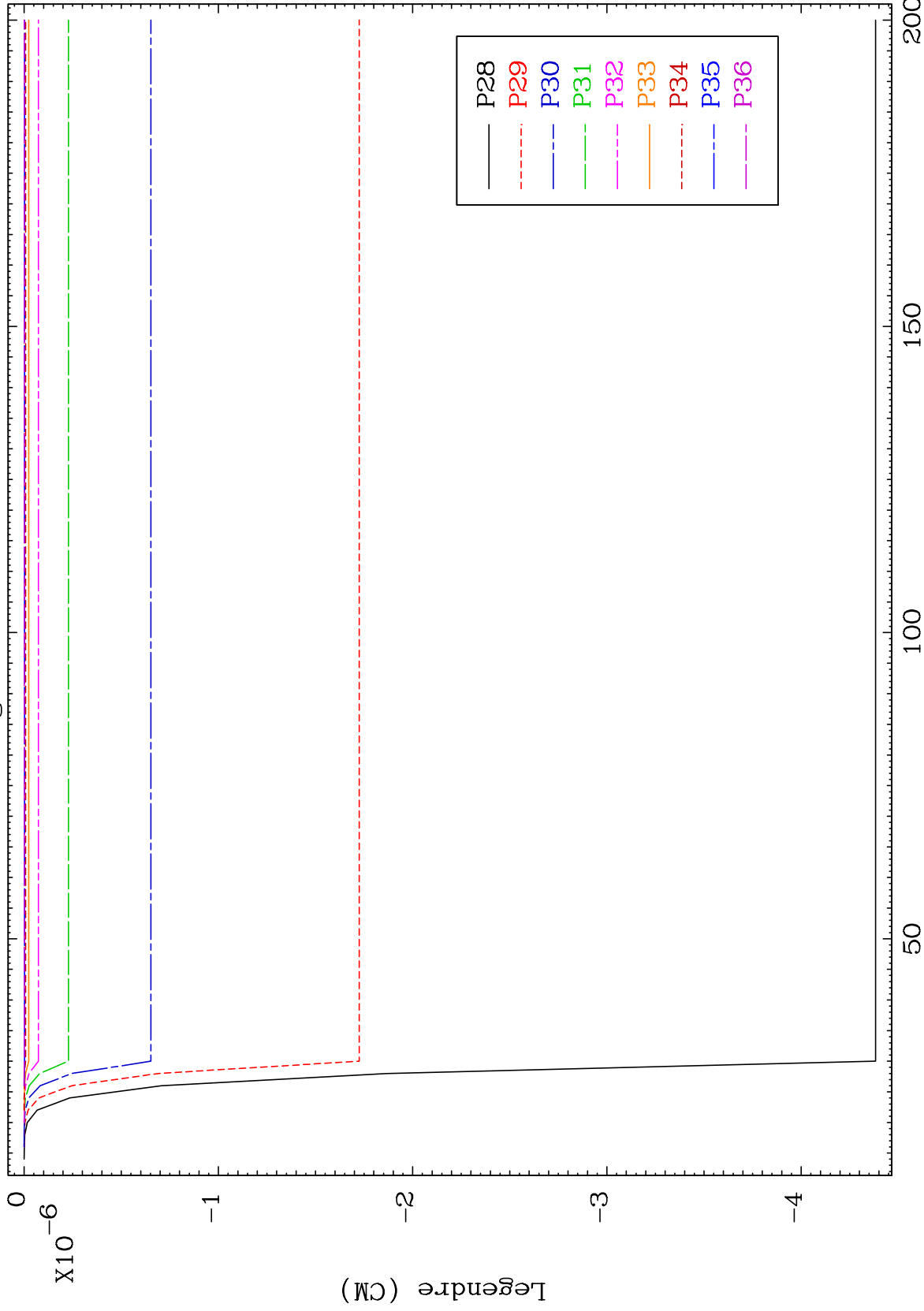


86

Incident Energy (MeV)

71-Lu-160

MAT 7080 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-160

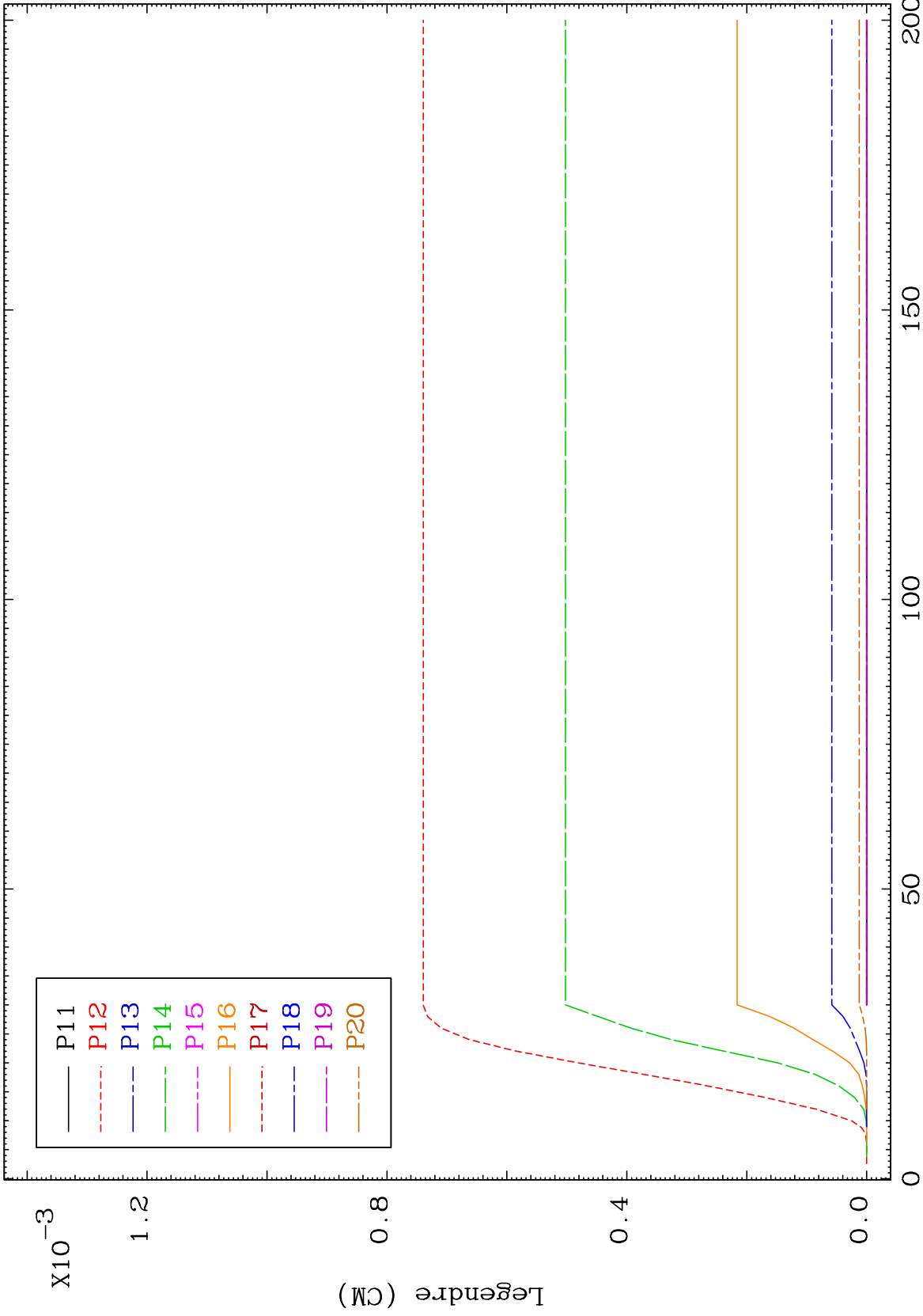


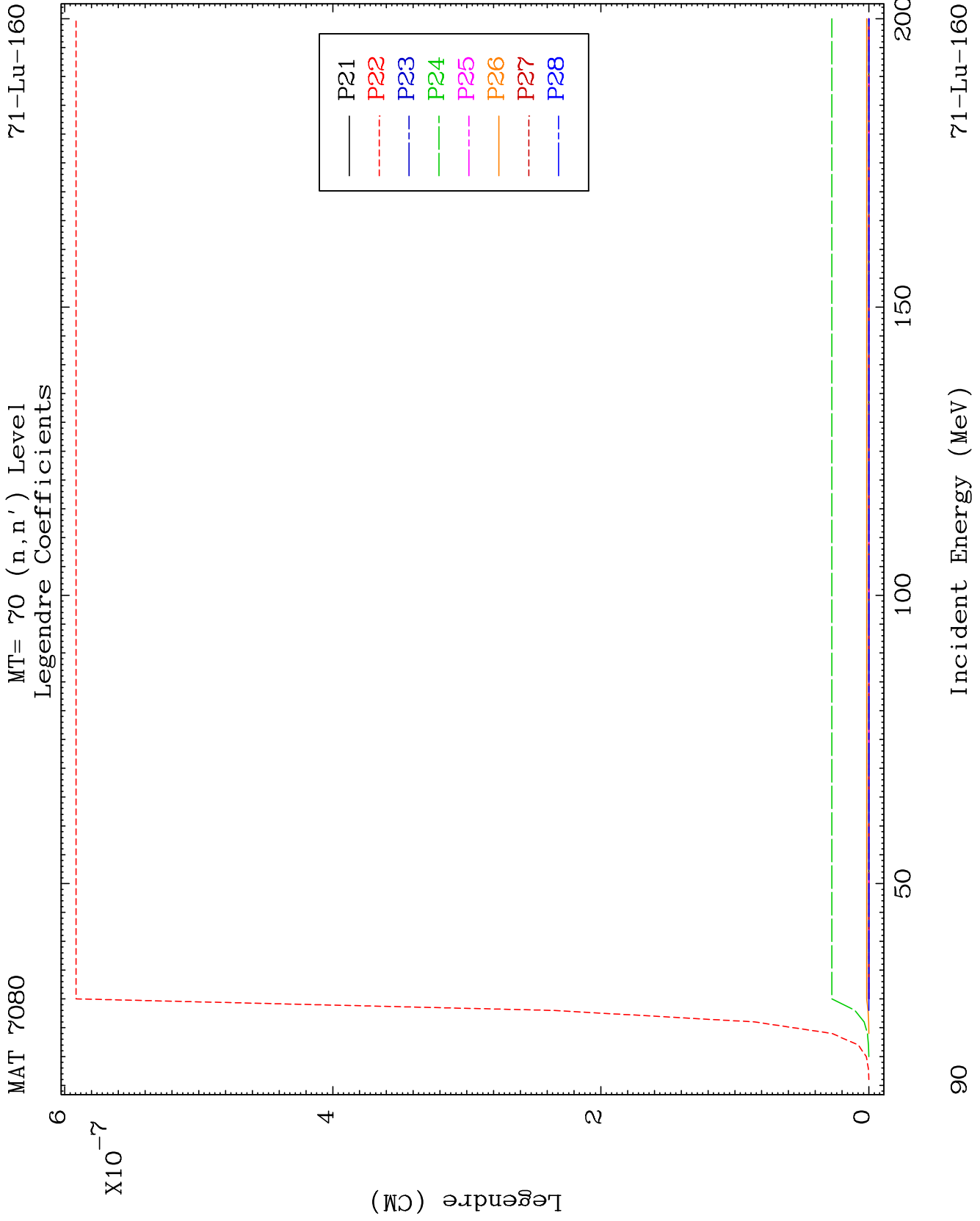
87 71-Lu-160

MAT 7080

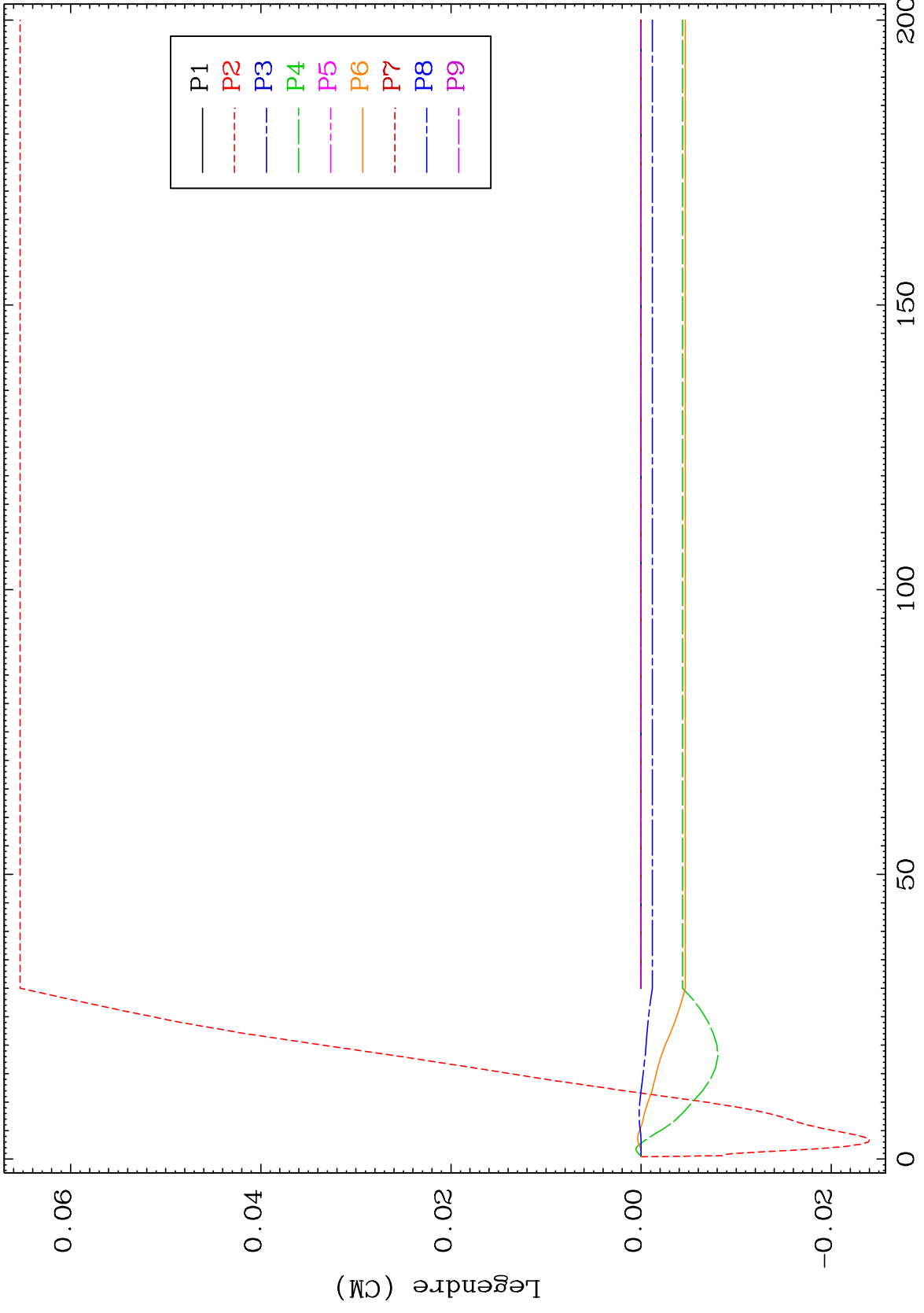
MT= 70 (n,n') Level
Legendre Coefficients

71-Lu-160





MAT 7080 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-160

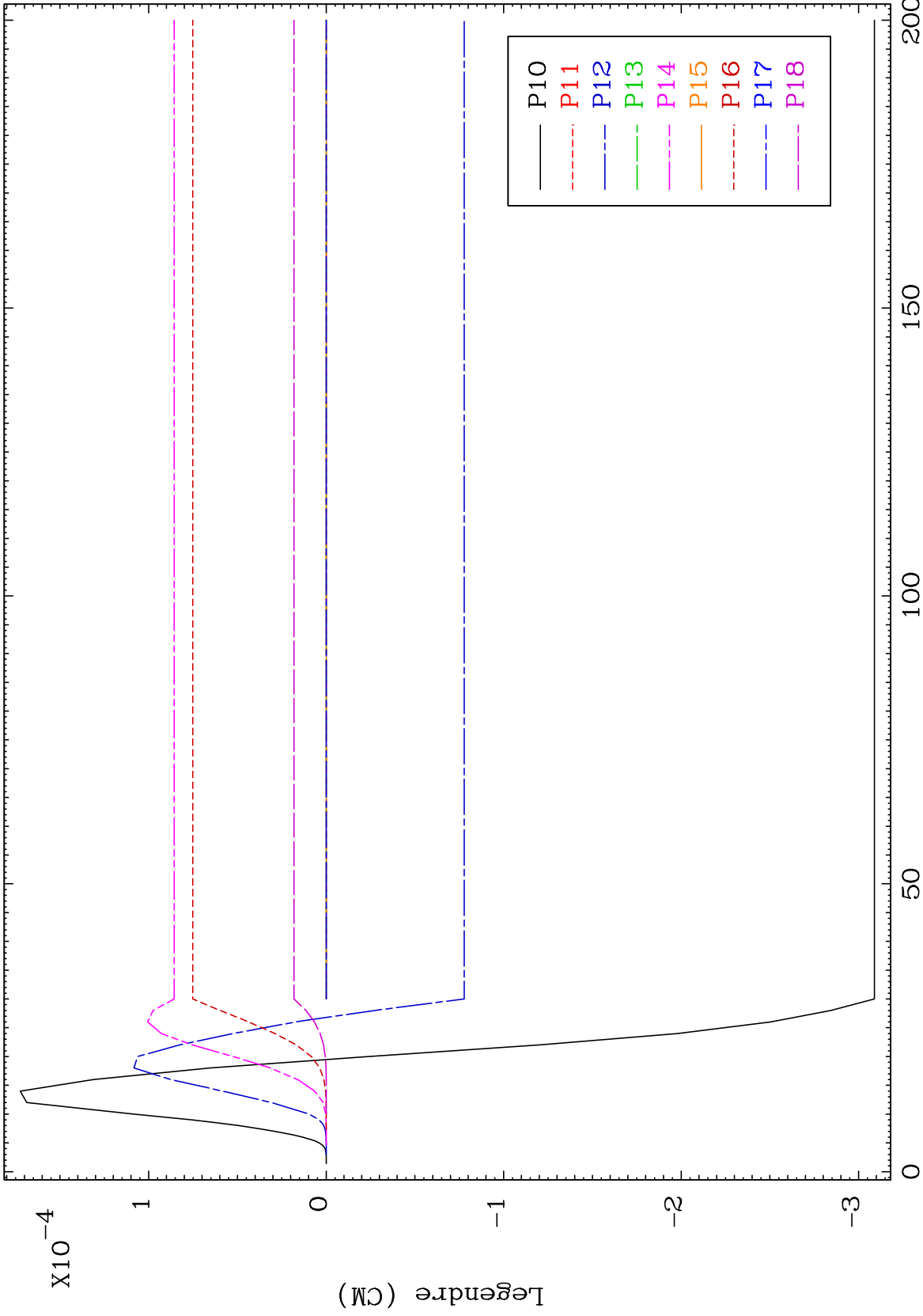


91 71-Lu-160

MAT 7080

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

71-Lu-160

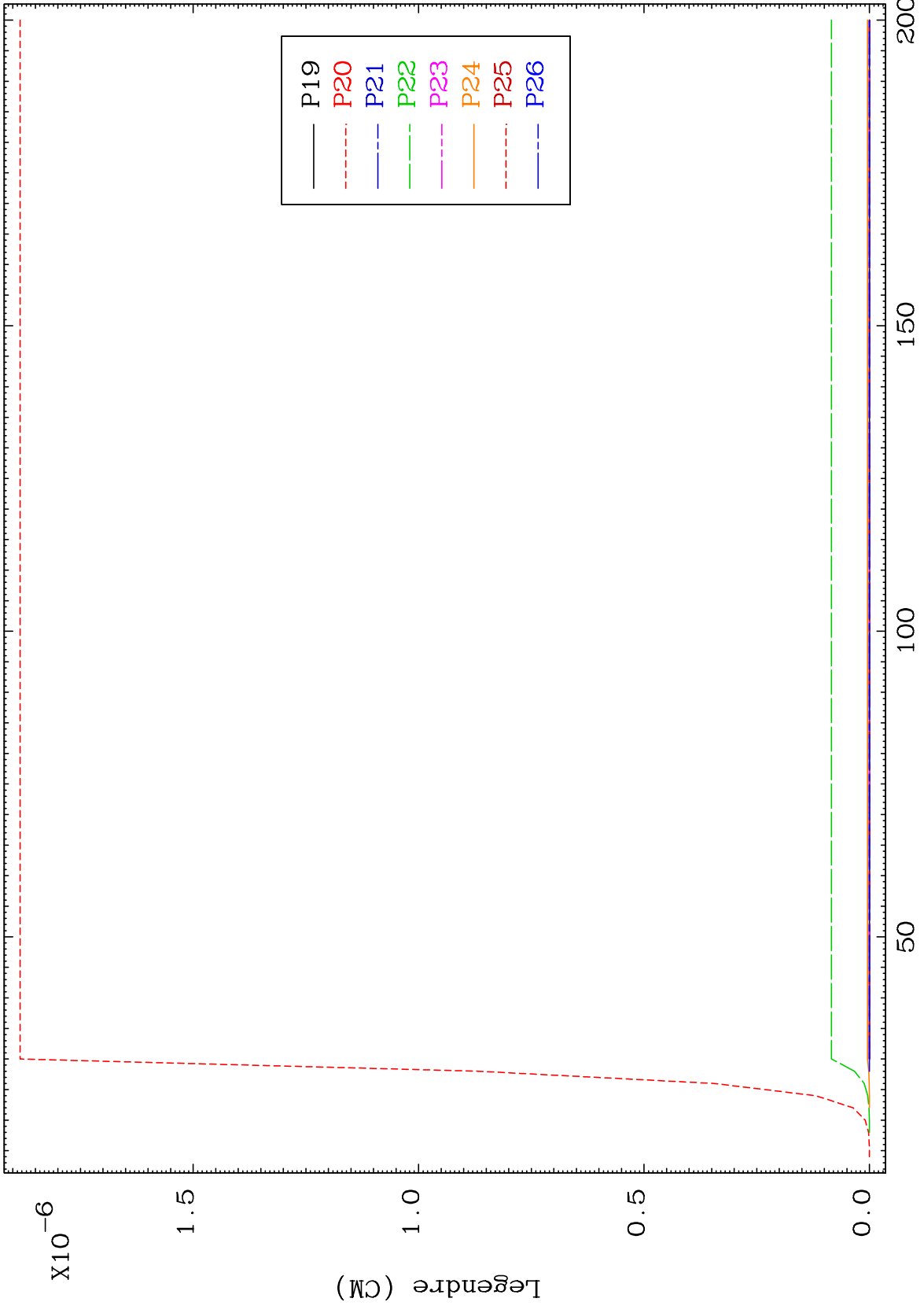


92

Incident Energy (MeV)

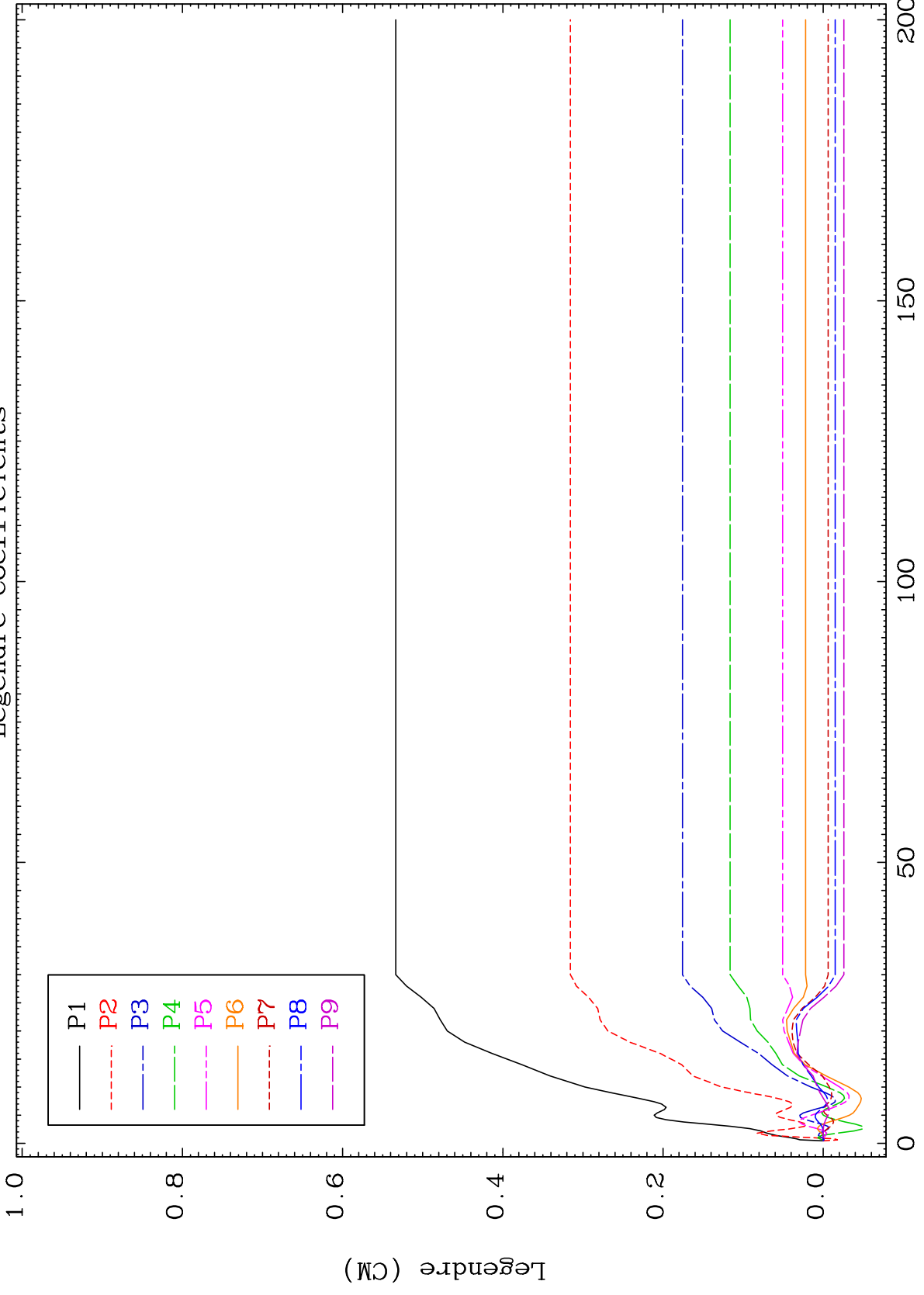
71-Lu-160

MAT 7080 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-160



93 71-Lu-160

MAT 7080 MT= 72 (n,n') Level Legendre Coefficients 71-Lu-160

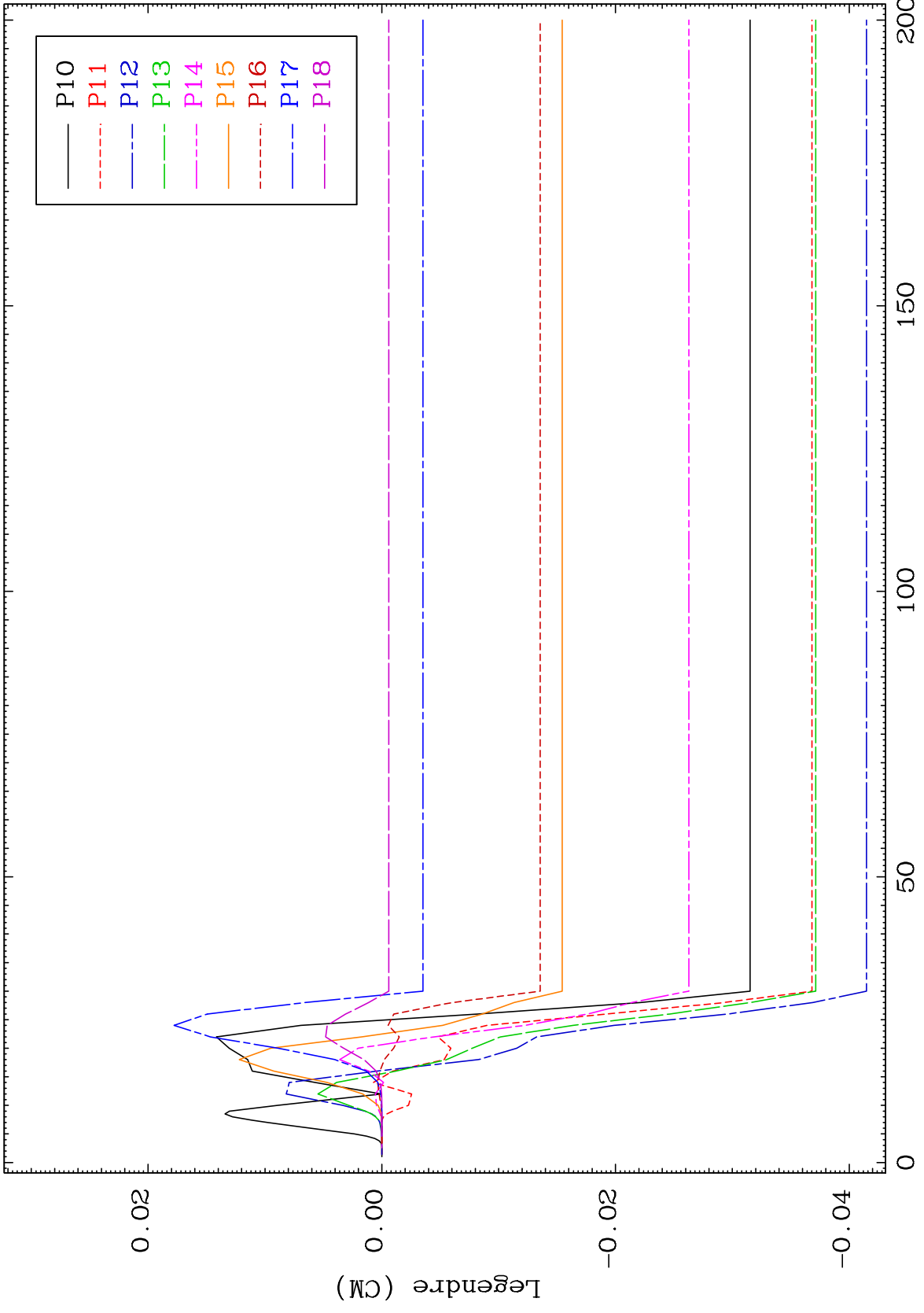


94 71-Lu-160

MAT 7080

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

71-Lu-160



95

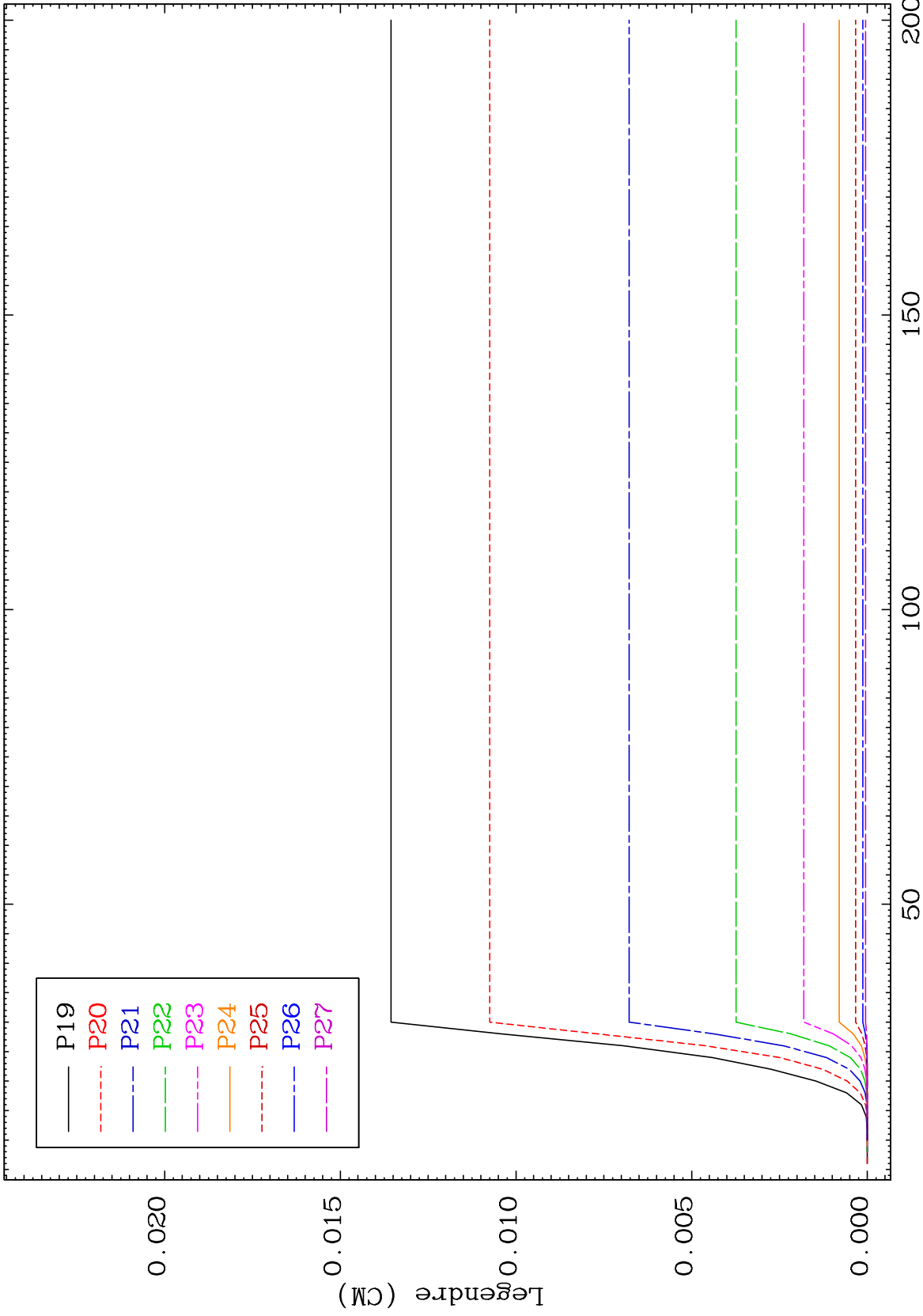
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



96

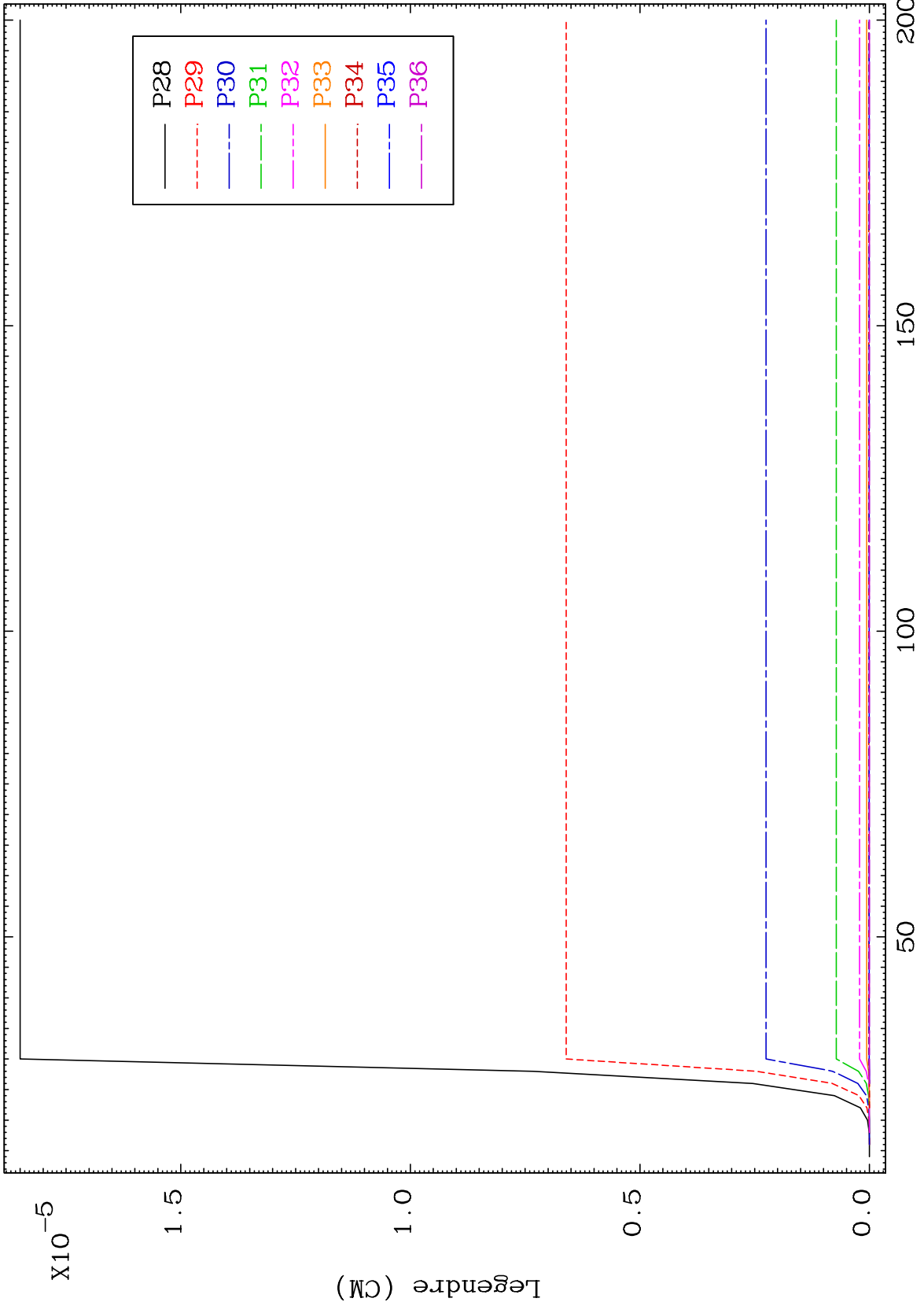
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

71-Lu-160



97

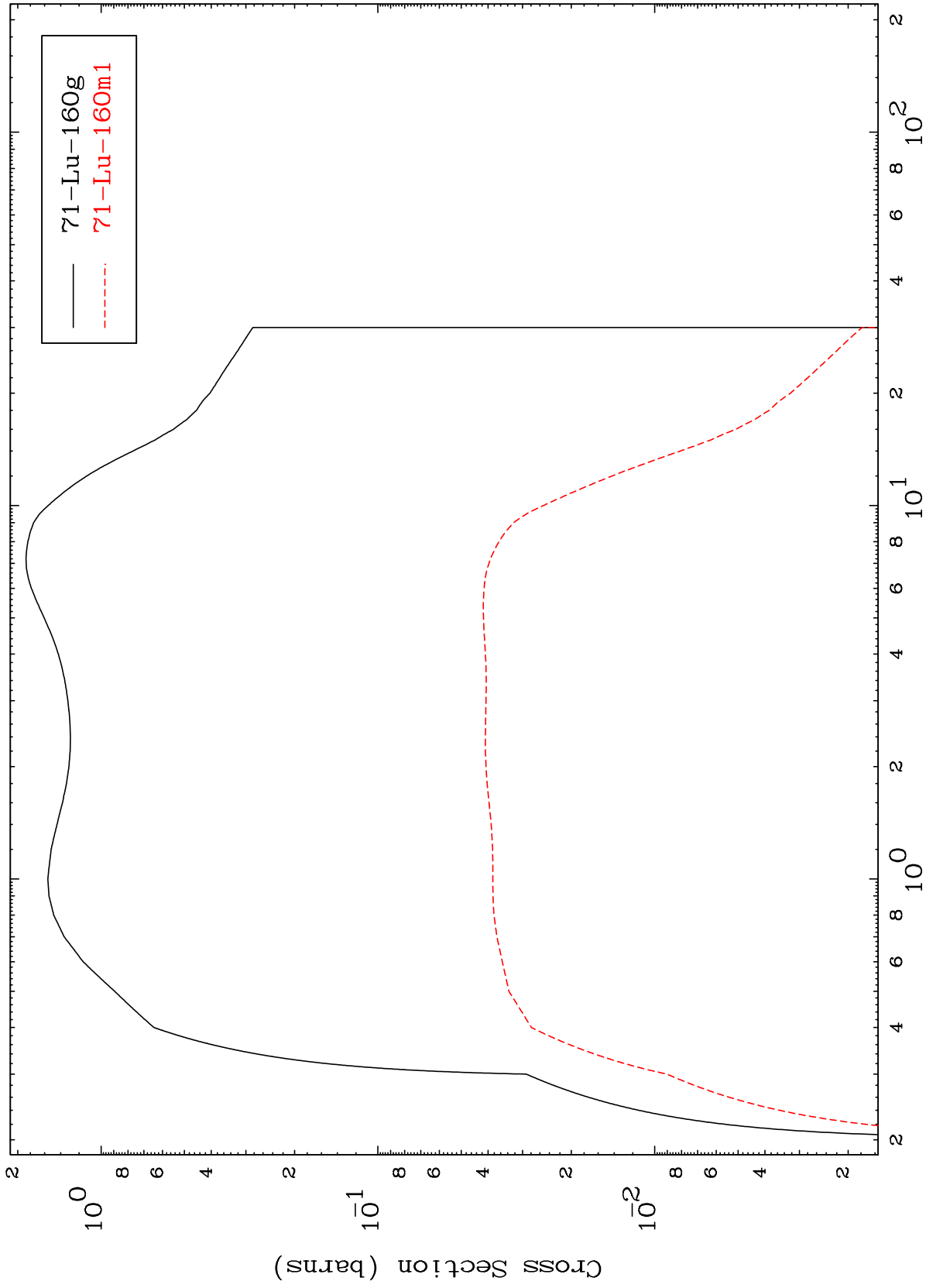
Incident Energy (MeV)

71-Lu-160

MAT 7080

⁷¹Lu-160

Inelastic Radionuclide Production Cross Section



98

⁷¹Lu-160

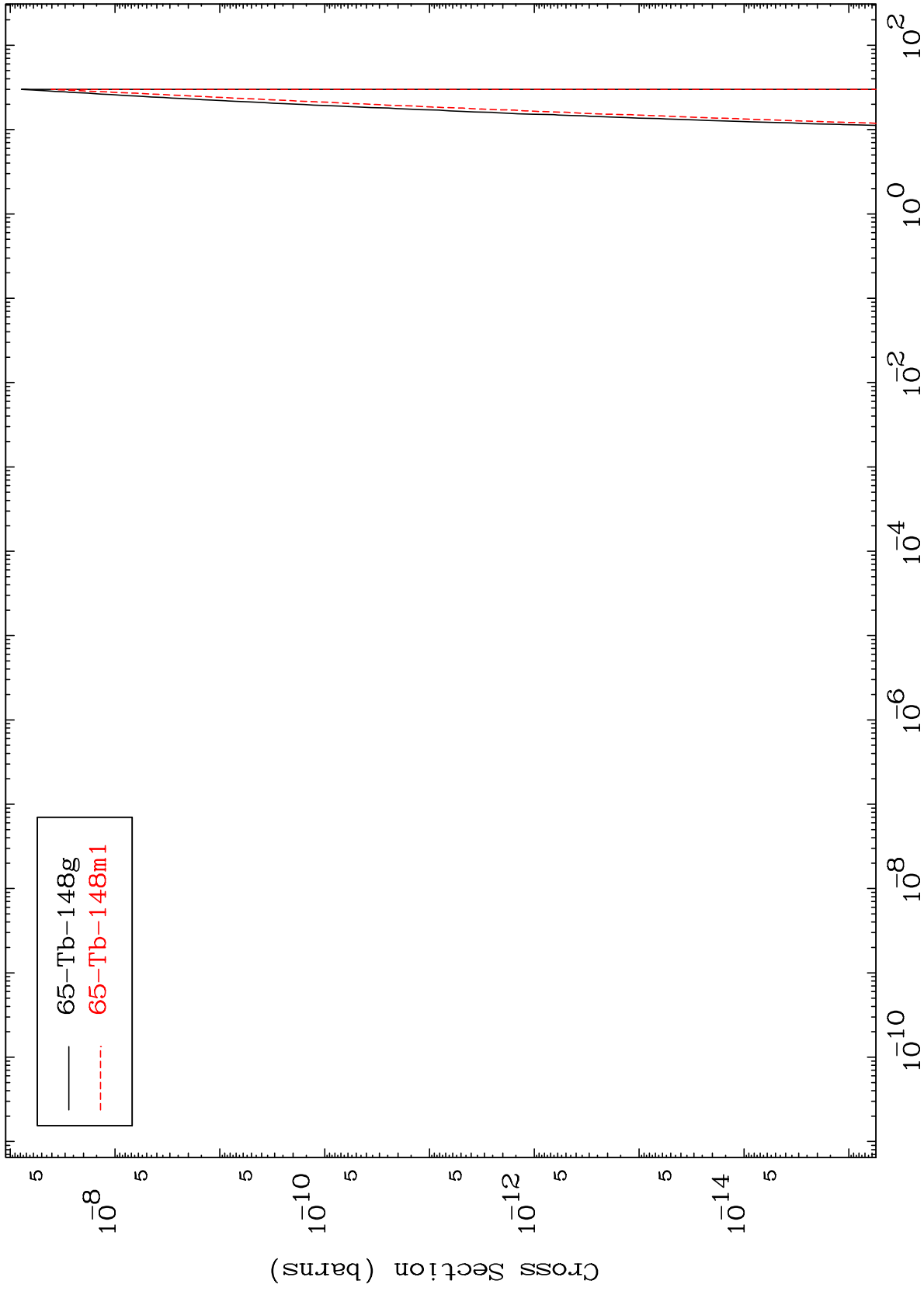
Incident Energy (MeV)

MAT 7080

(n,n') 3 α

⁷¹Lu-160

Radionuclide Production Cross Section



99

Incident Energy (MeV)

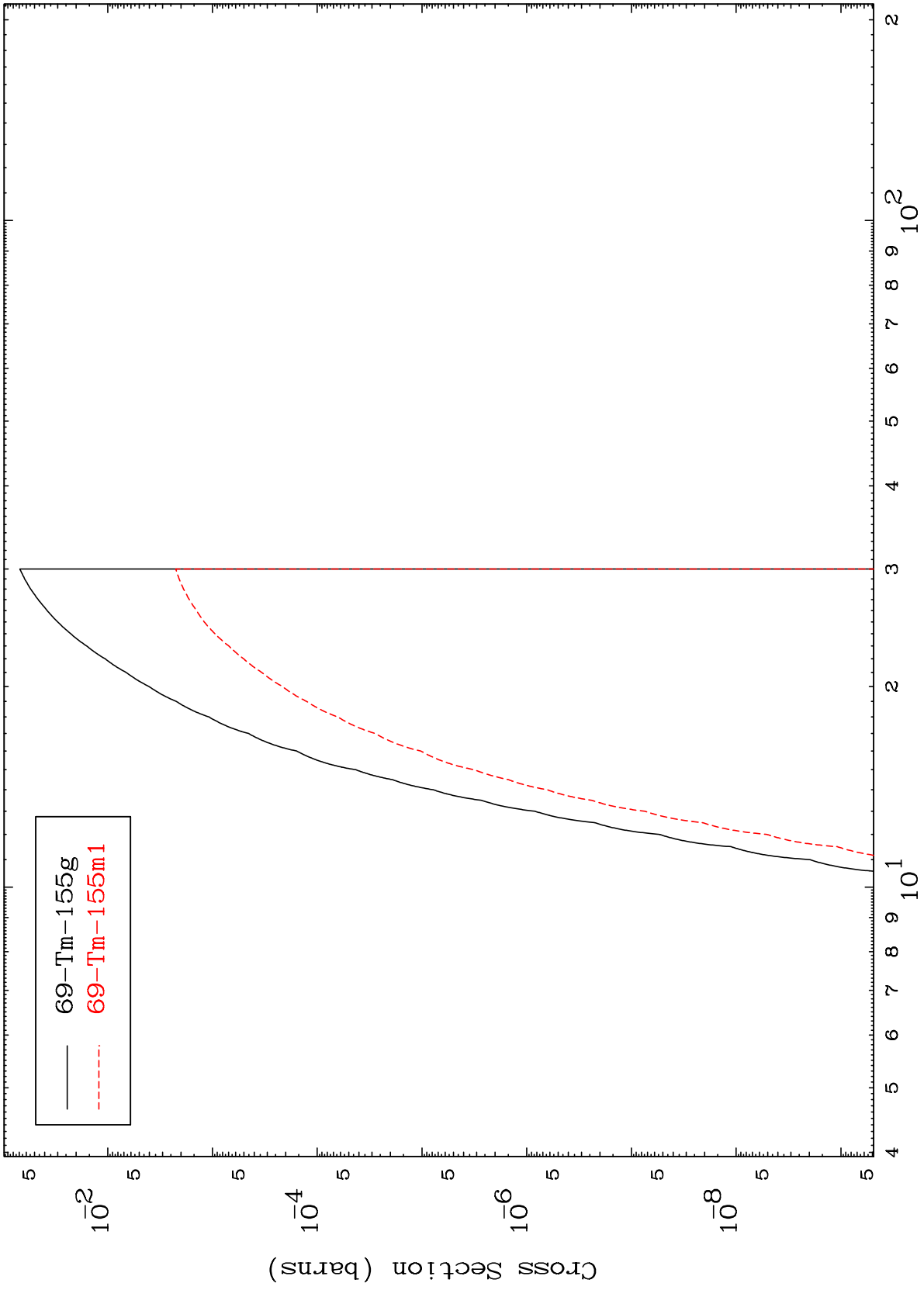
⁷¹Lu-160

MAT 7080

(n,2n) α

71-Lu-160

Radionuclide Production Cross Section



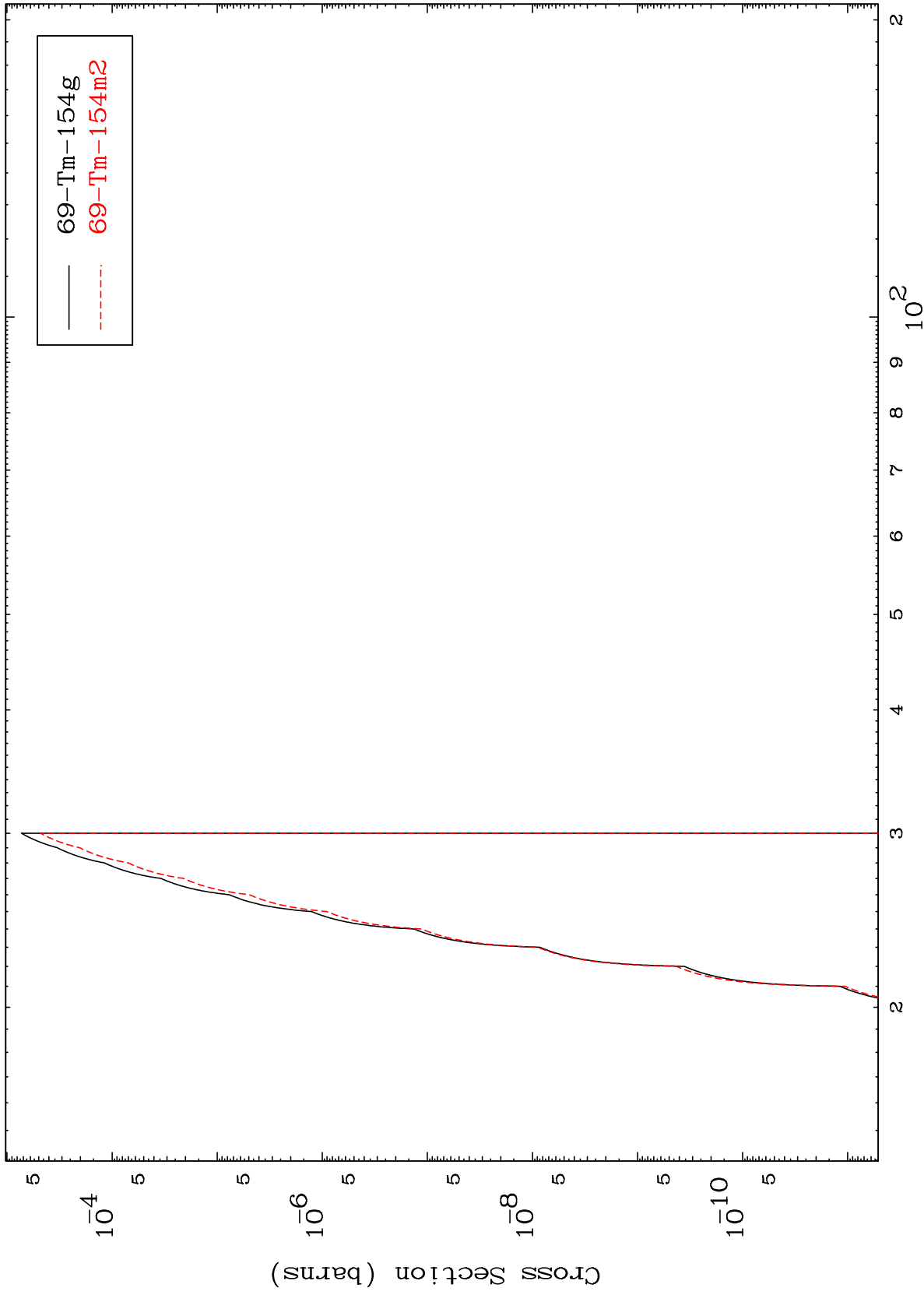
69-Tm-155g
69-Tm-155m1

MAT 7080

(n,3n) α

⁷¹Lu-160

Radionuclide Production Cross Section



101

Incident Energy (MeV)

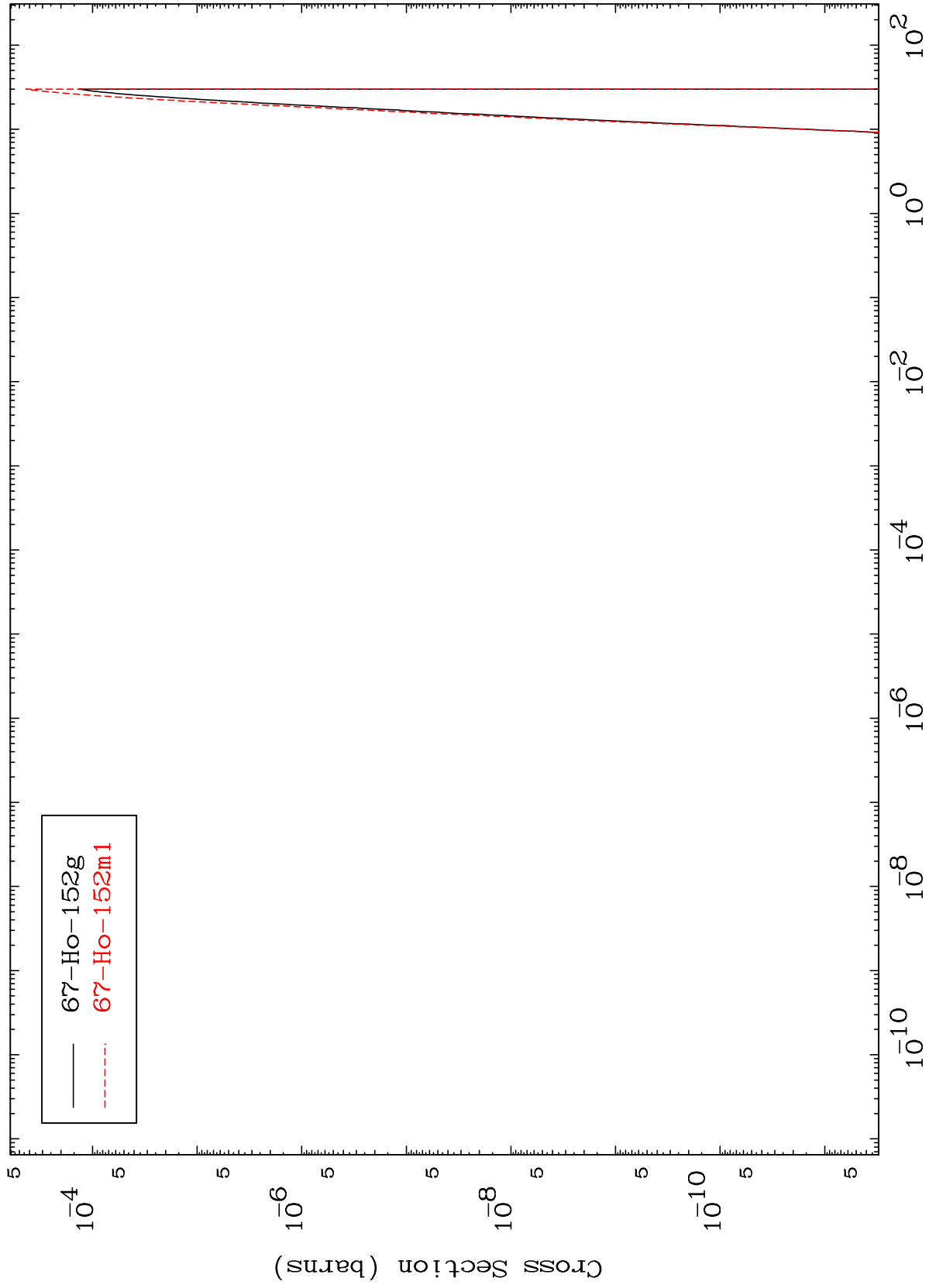
⁷¹Lu-160

MAT 7080

(n,n') 2 α

71-Lu-160

Radionuclide Production Cross Section



102

Incident Energy (MeV)

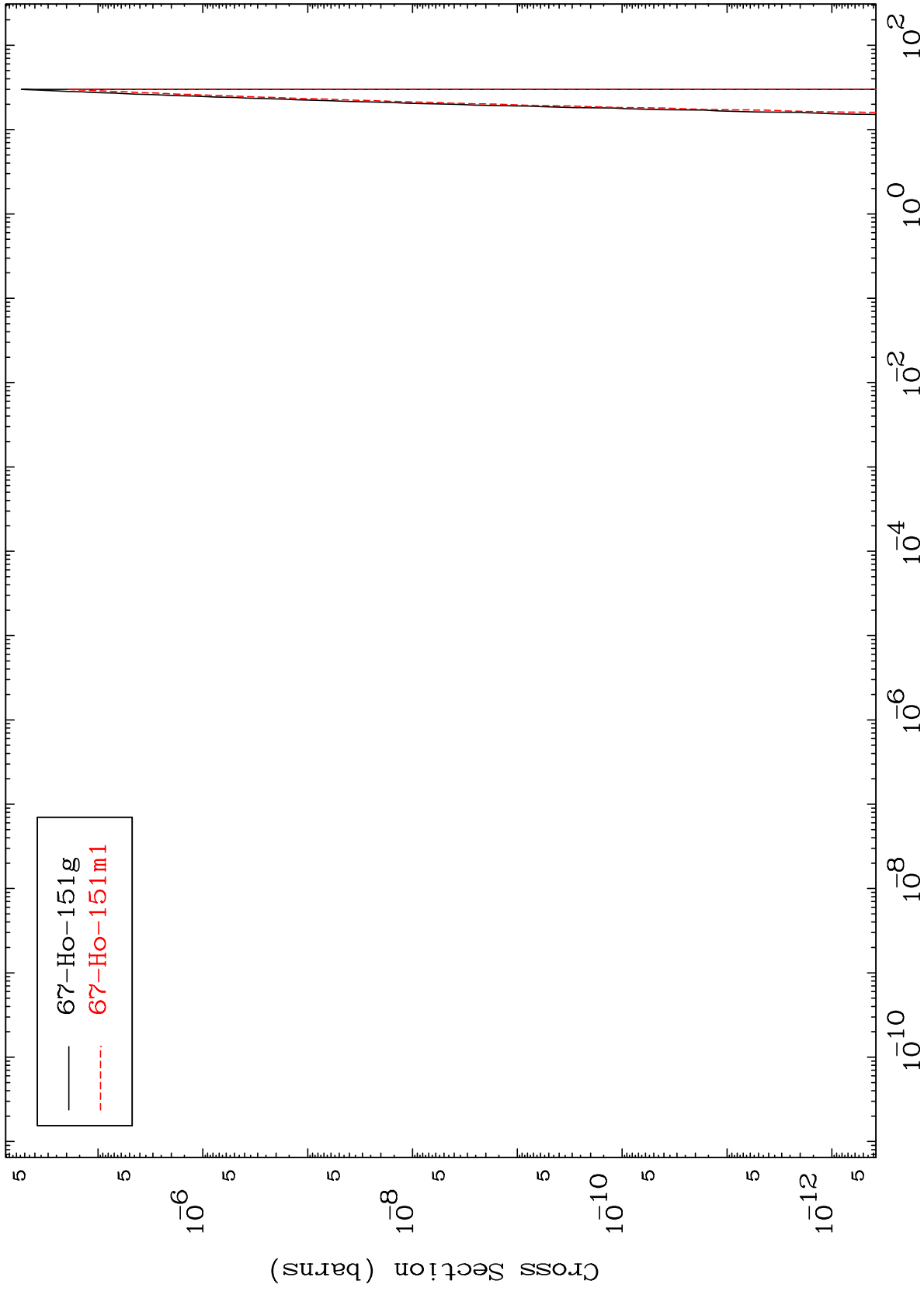
71-Lu-160

MAT 7080

(n,2n) 2 α

71-Lu-160

Radionuclide Production Cross Section



103

Incident Energy (MeV)

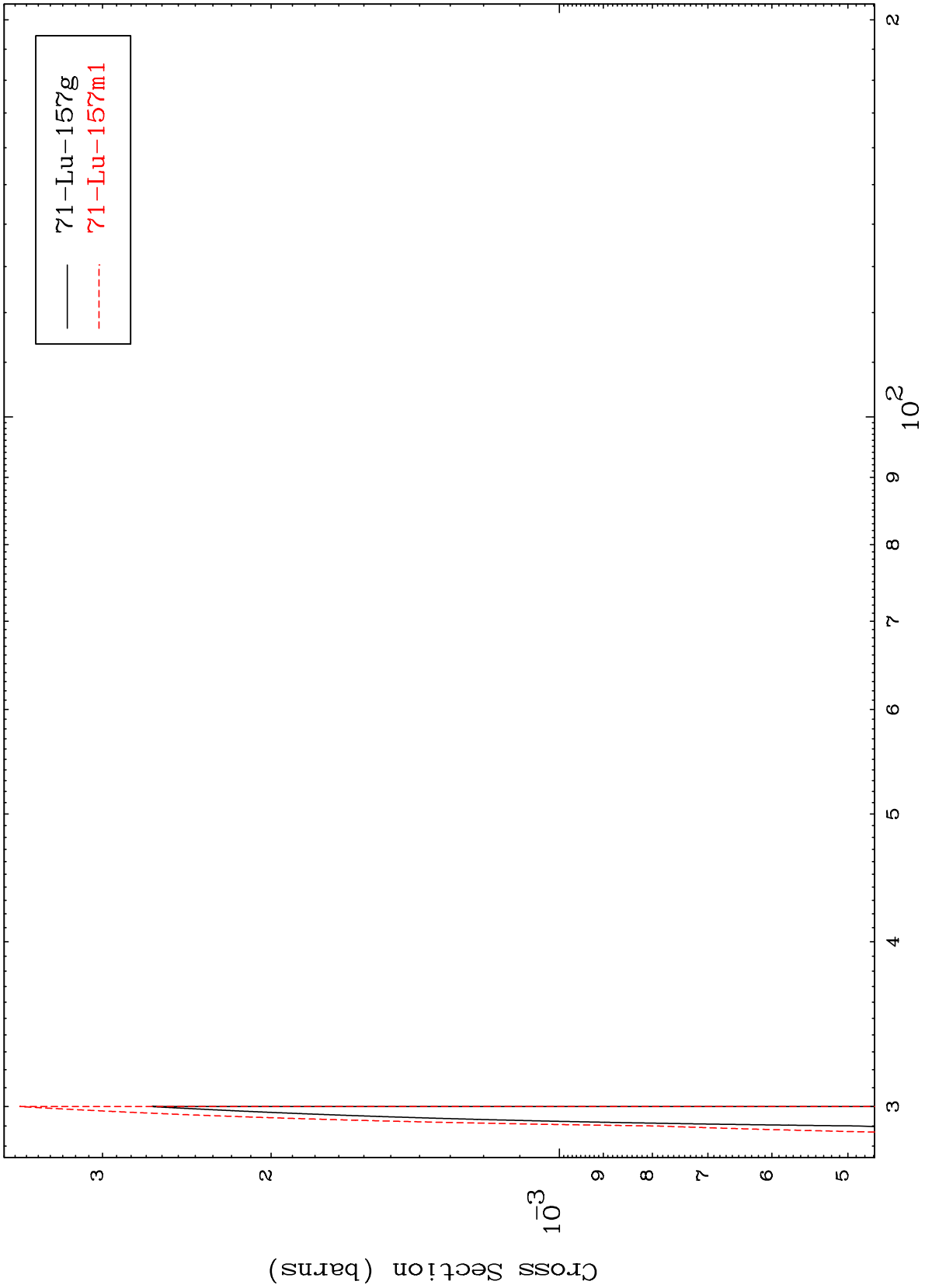
71-Lu-160

MAT 7080

(n,4n)

⁷¹Lu-160

Radionuclide Production Cross Section



104

Incident Energy (MeV)

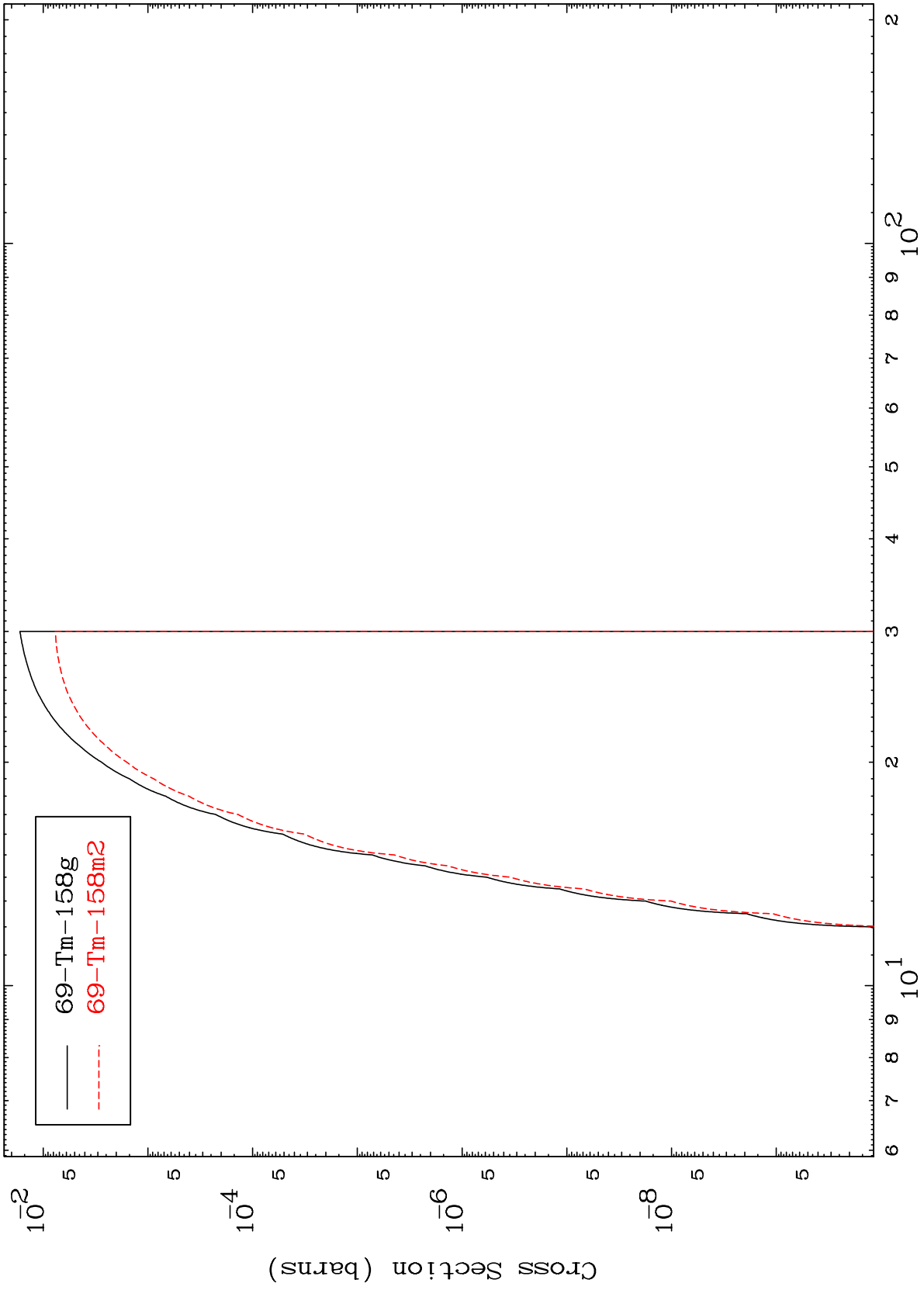
⁷¹Lu-160

MAT 7080

(n,2n) p

71-Lu-160

Radionuclide Production Cross Section



69-Tm-158g
69-Tm-158m2

105

Incident Energy (MeV)

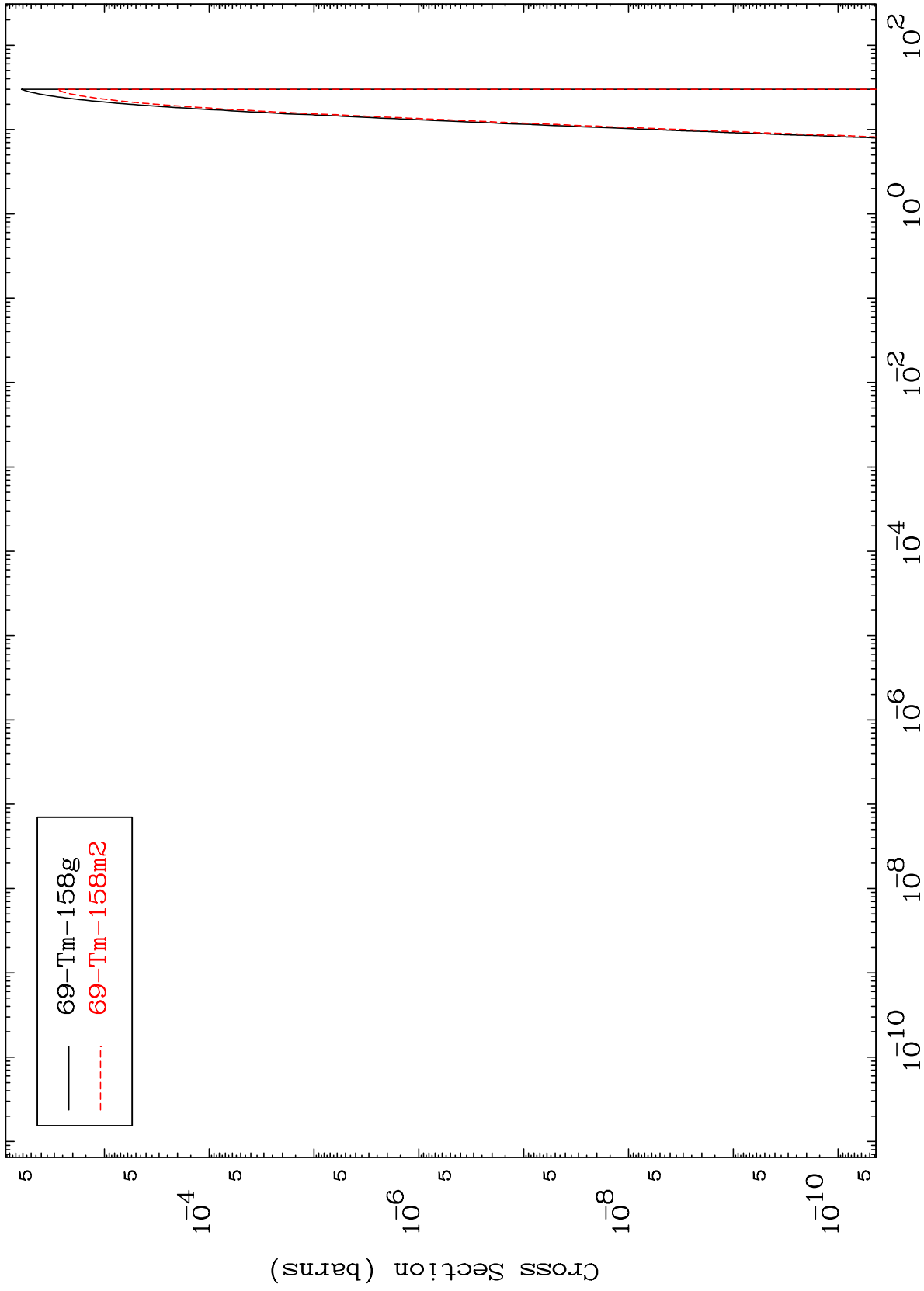
71-Lu-160

MAT 7080

(n, He-3)

71-Lu-160

Radionuclide Production Cross Section



69-Tm-158g
69-Tm-158m2

106

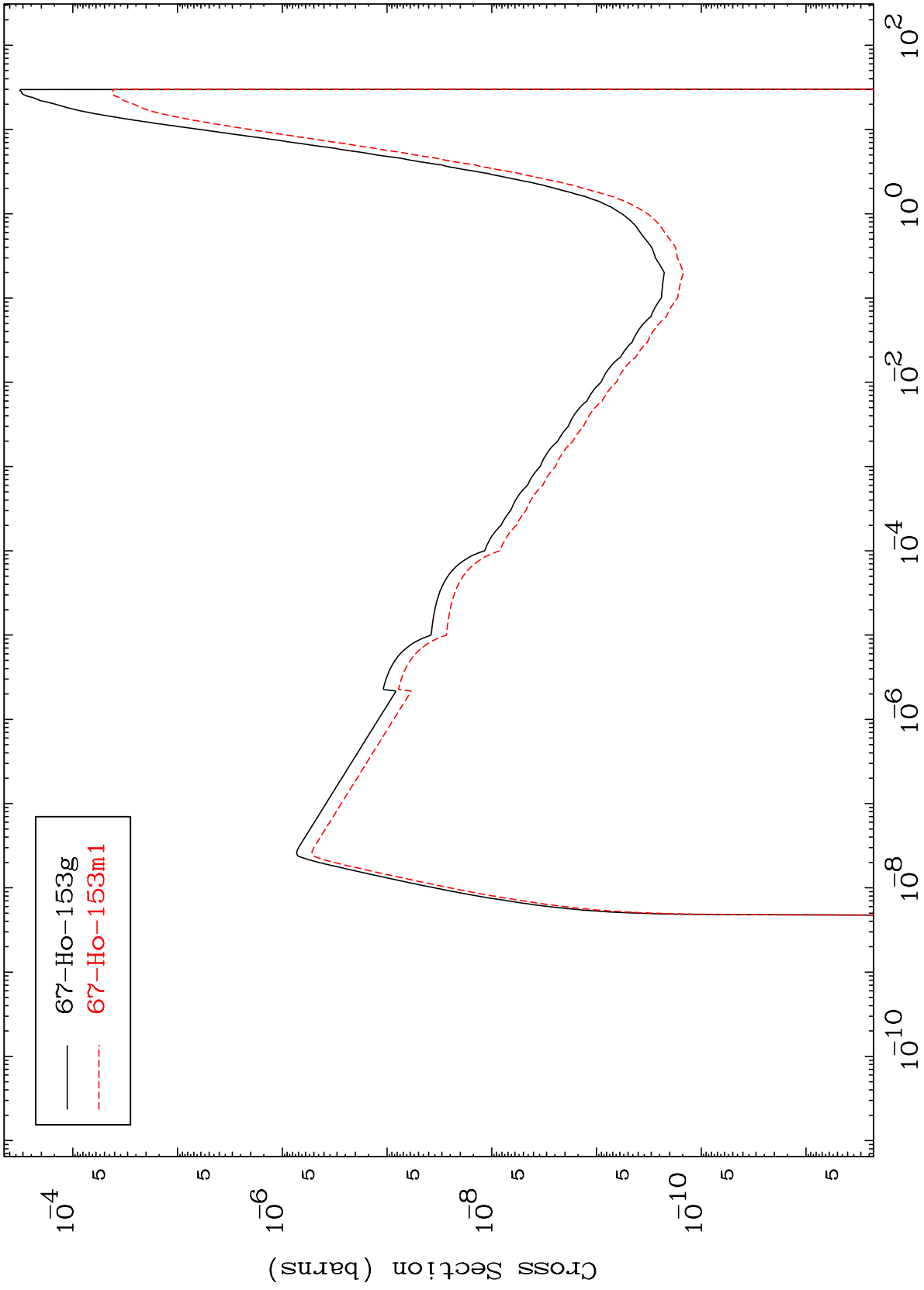
Incident Energy (MeV)

71-Lu-160

MAT 7080

Radionuclide Production Cross Section
(n,2α)

71-Lu-160



— 67-Ho-153g
- - - 67-Ho-153m1

107

Incident Energy (MeV)

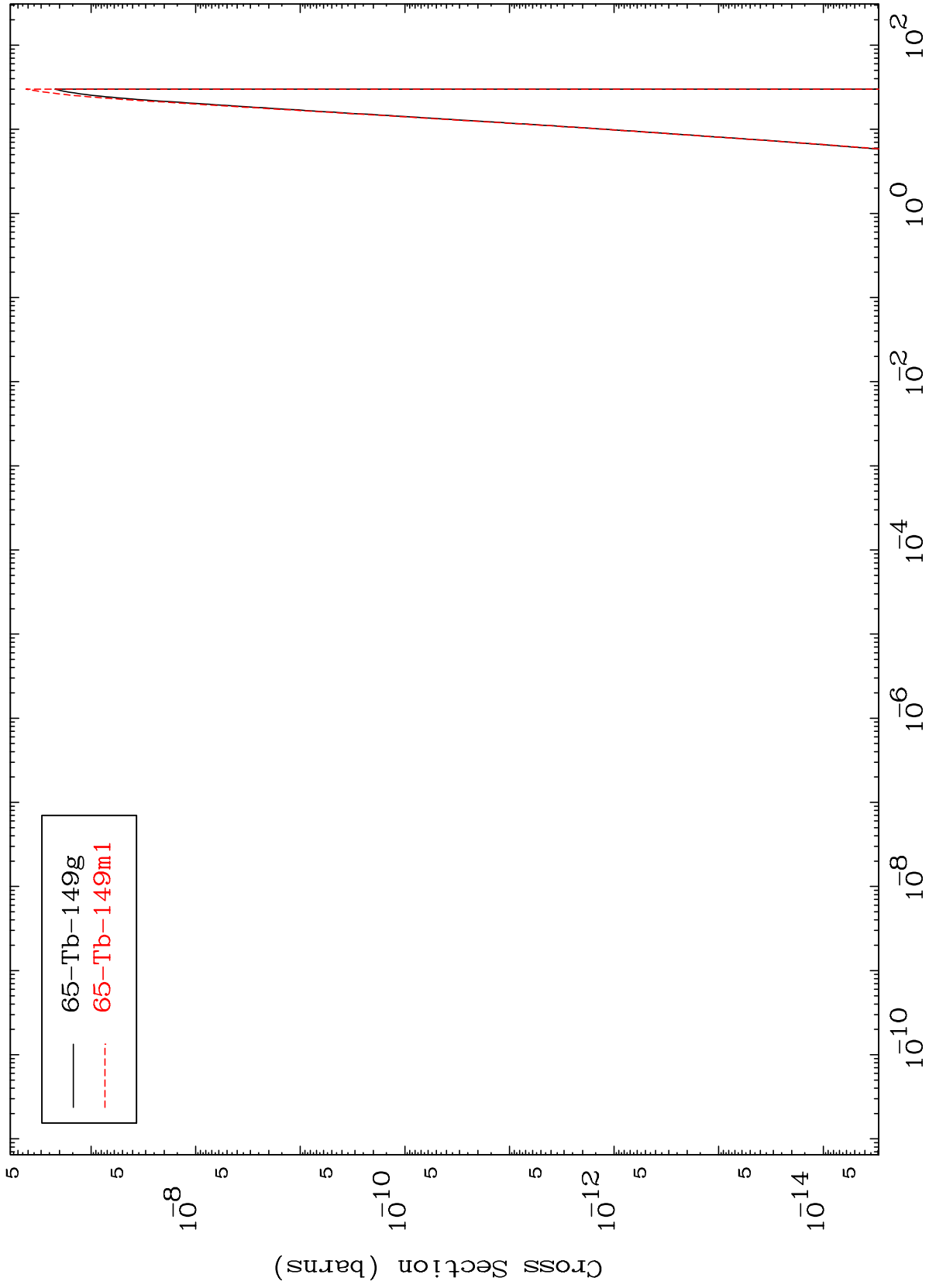
71-Lu-160

MAT 7080

(n, 3α)

⁷¹Lu-160

Radionuclide Production Cross Section



108

Incident Energy (MeV)

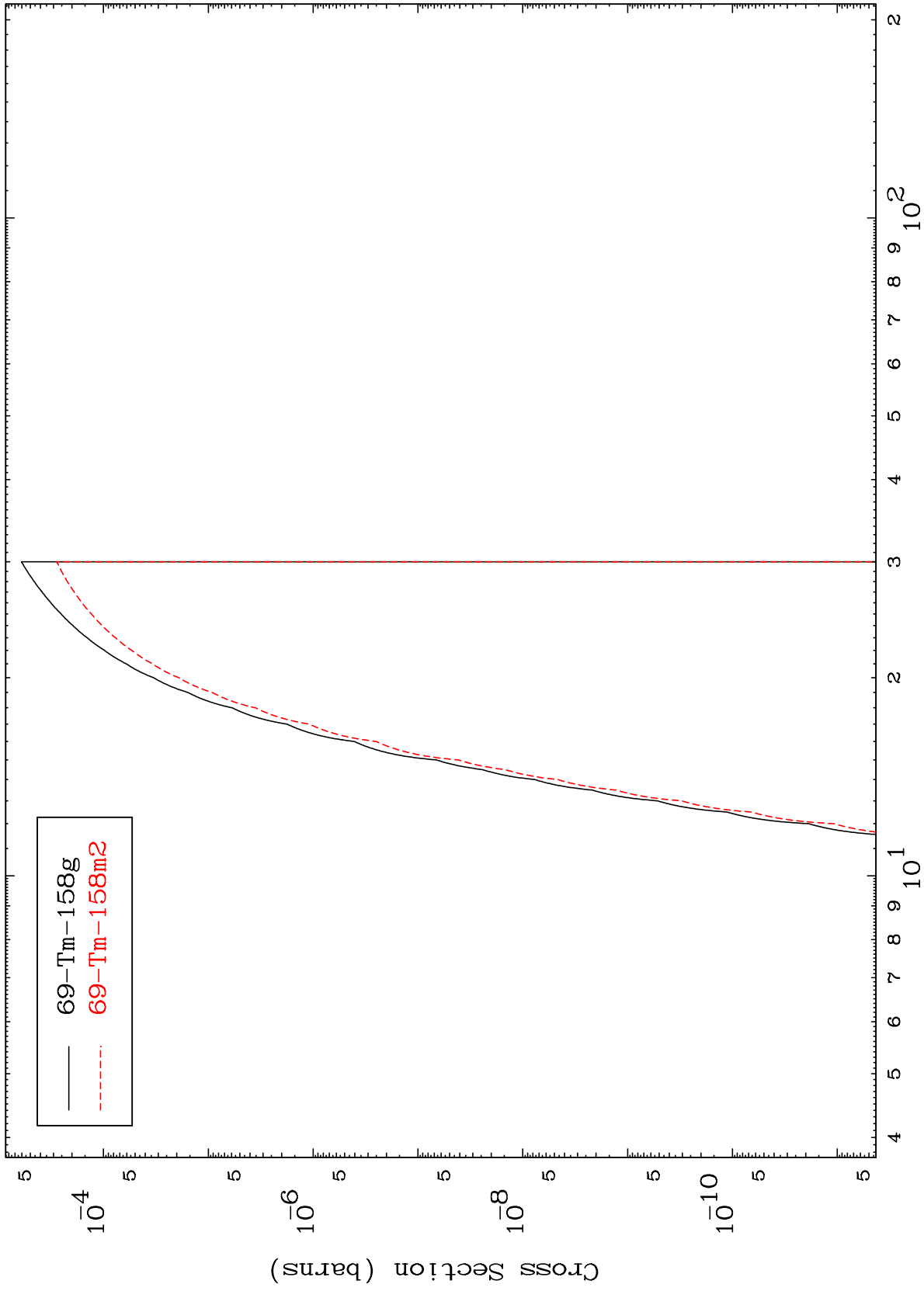
⁷¹Lu-160

MAT 7080

(n,p) d

71-Lu-160

Radionuclide Production Cross Section



69-Tm-158g
69-Tm-158m2

109

Incident Energy (MeV)

71-Lu-160