

Program EVALPLOT
(Version 2018-1)

by

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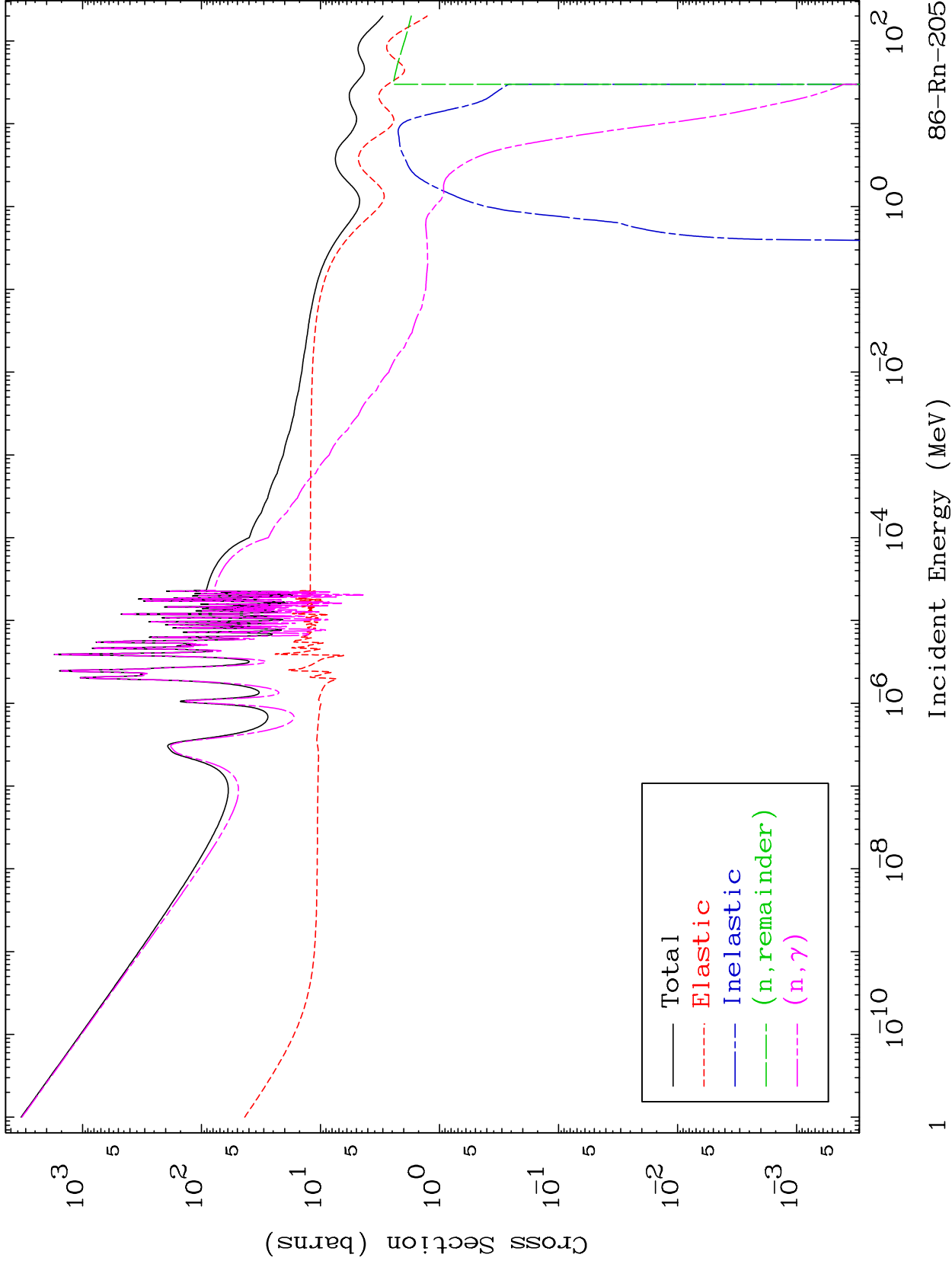
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Press Mouse Button to Start

MAT 8607

Major
293 Kelvin Cross Sections

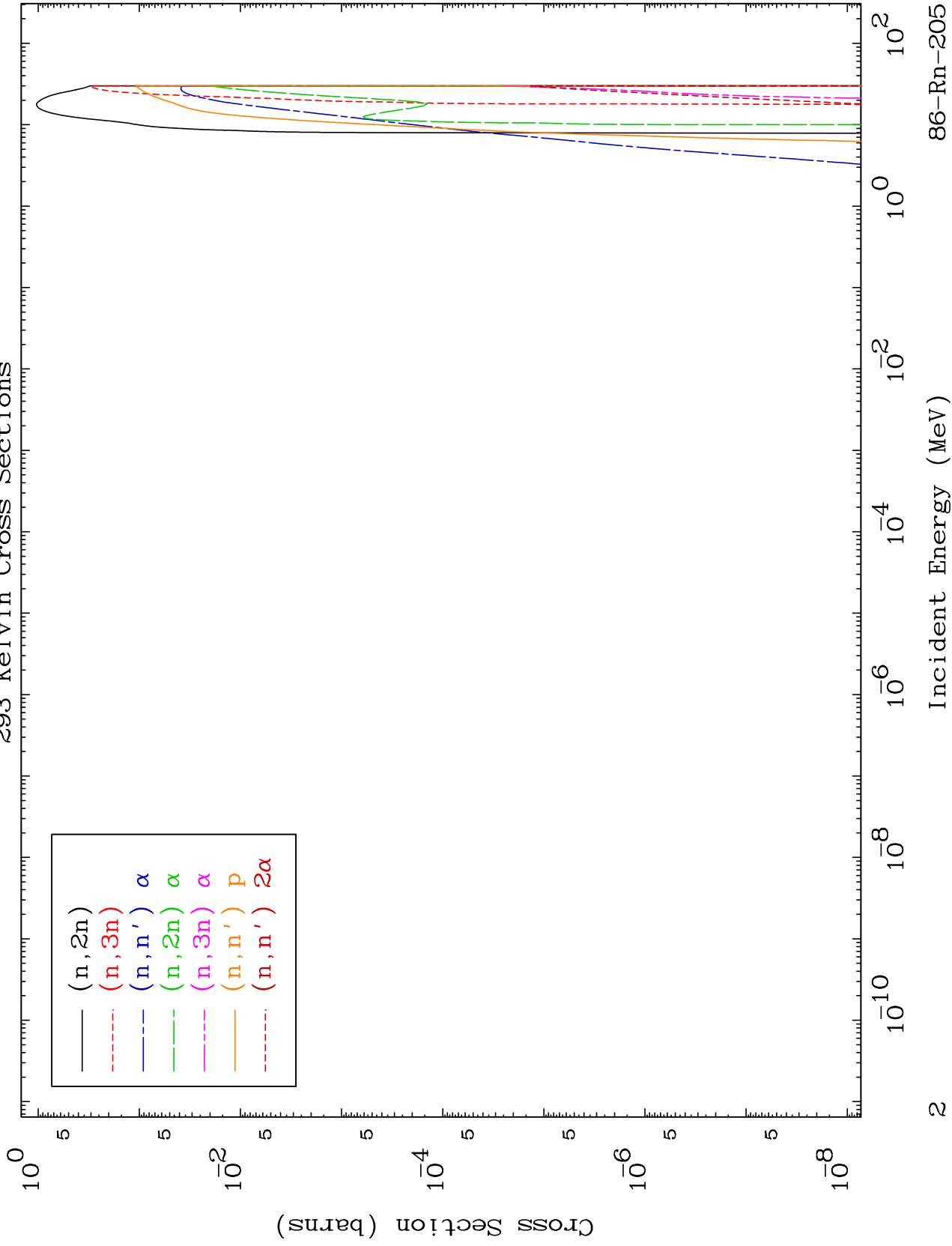
86-Rn-205



MAT 8607

Neutron Production
293 Kelvin Cross Sections

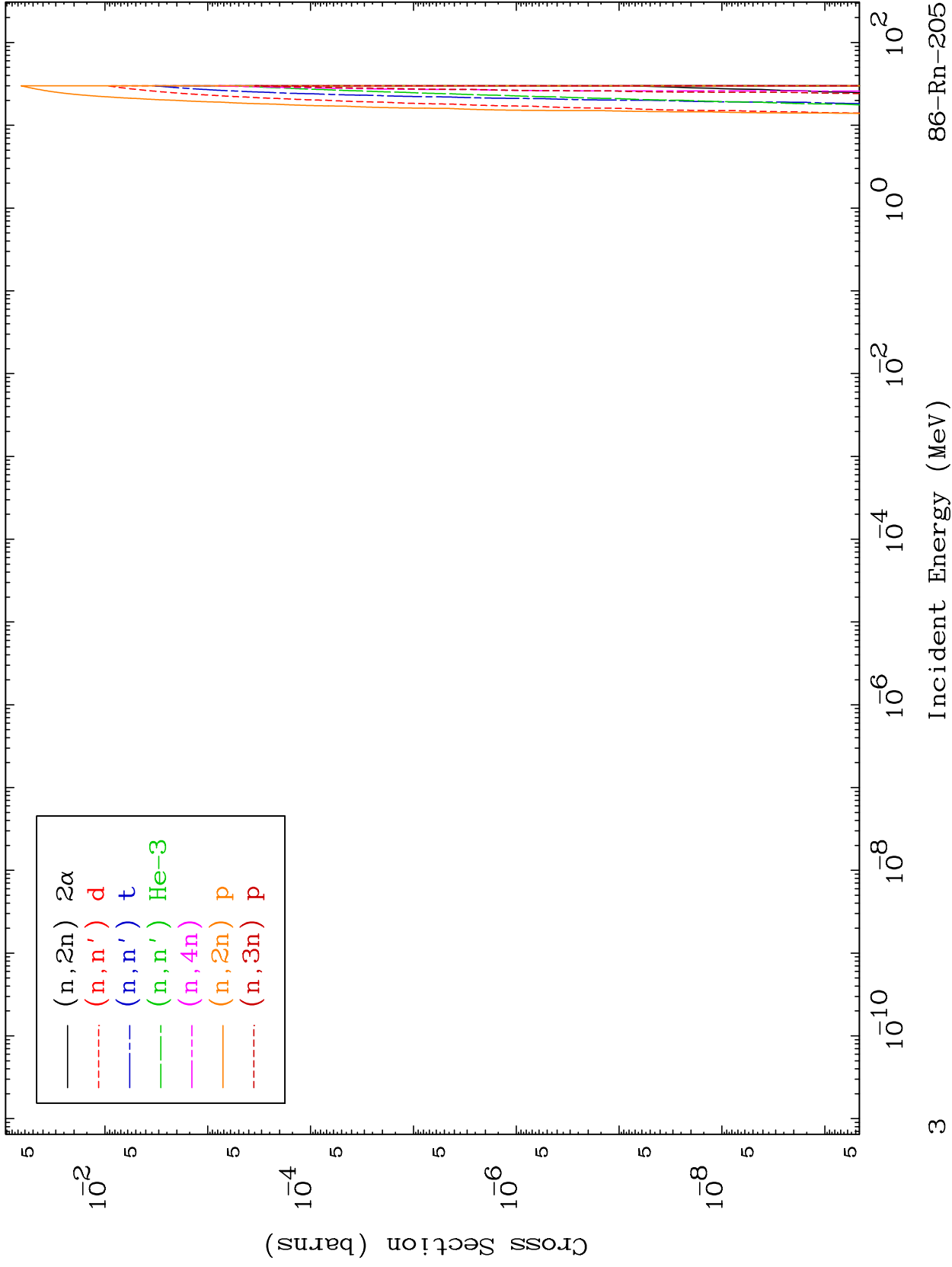
86-Rn-205



MAT 8607

Neutron Production
293 Kelvin Cross Sections

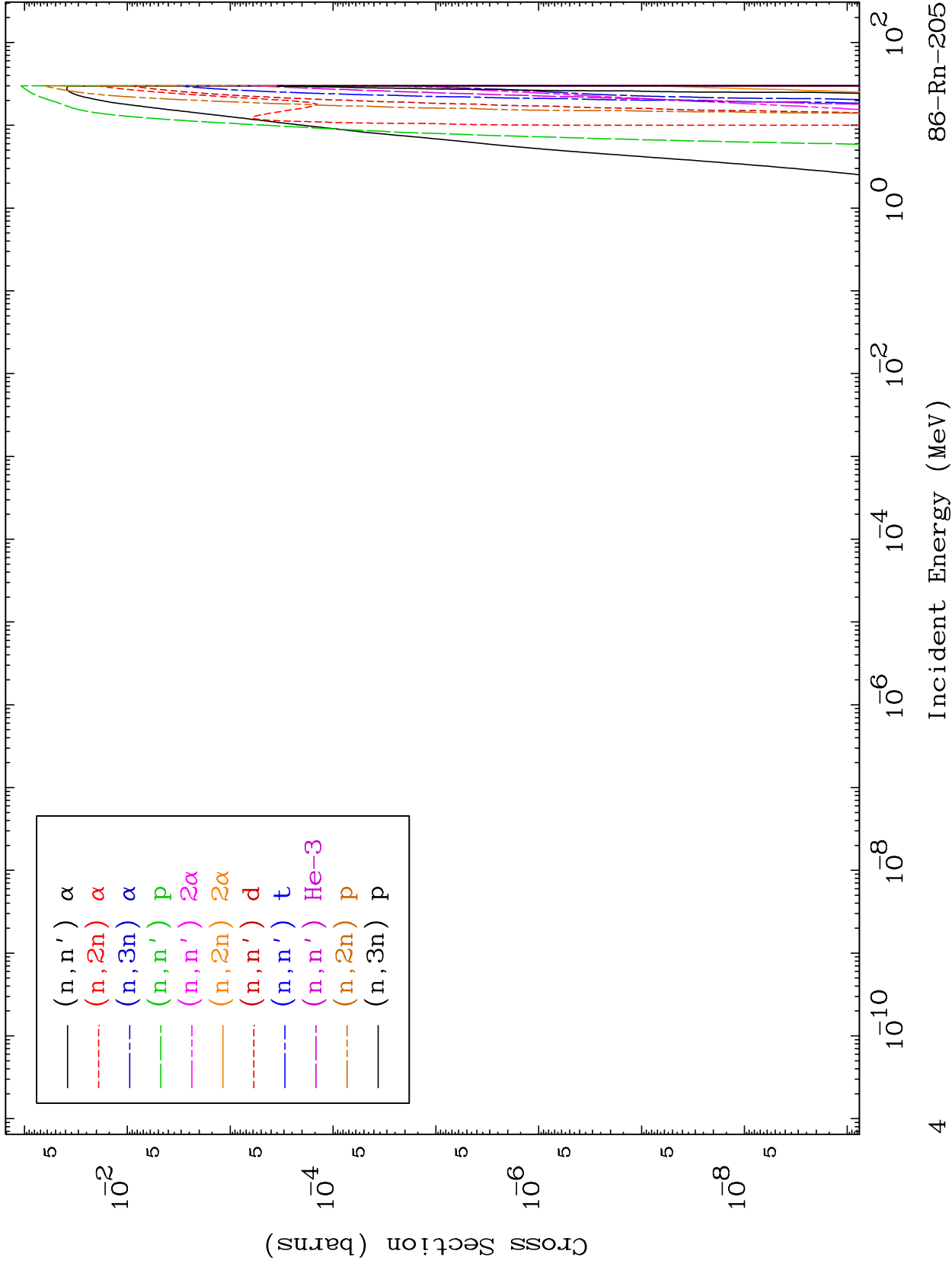
86-Rn-205



MAT 8607

Charged Particle
293 Kelvin Cross Sections

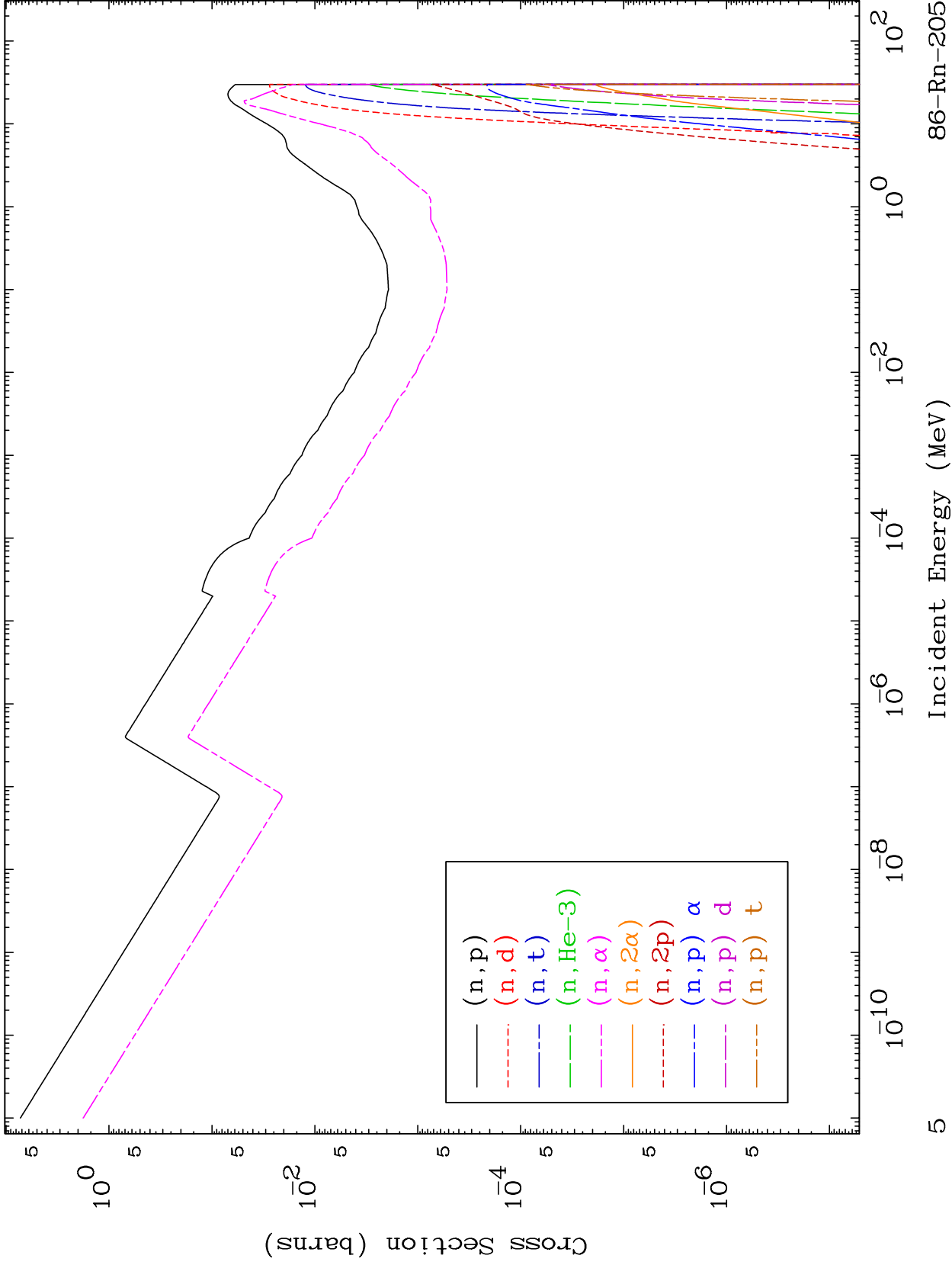
86-Rn-205



MAT 8607

Charged Particle
293 Kelvin Cross Sections

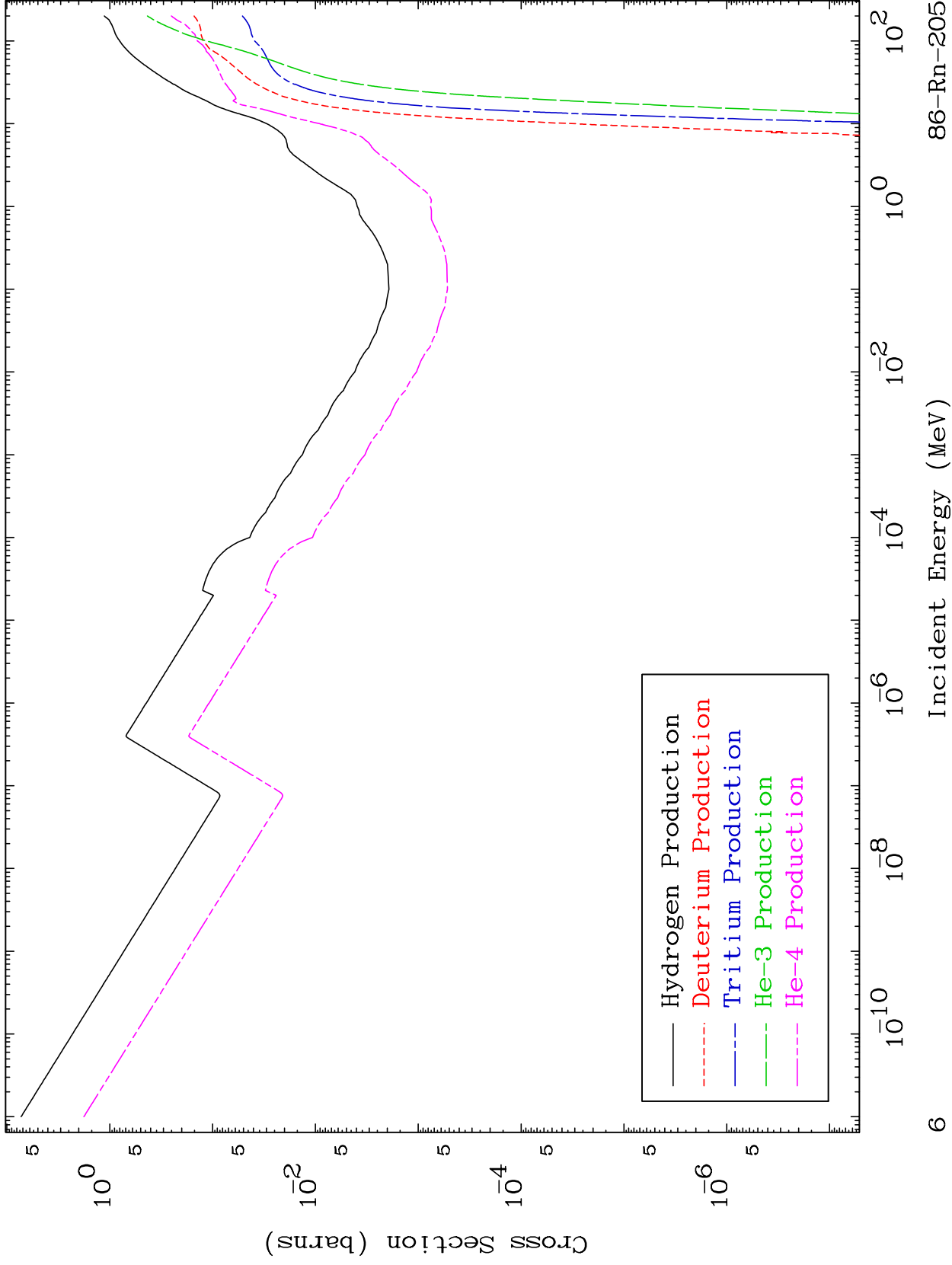
86-Rn-205



MAT 8607

Particle Production
293 Kelvin Cross Sections

86-Rn-205

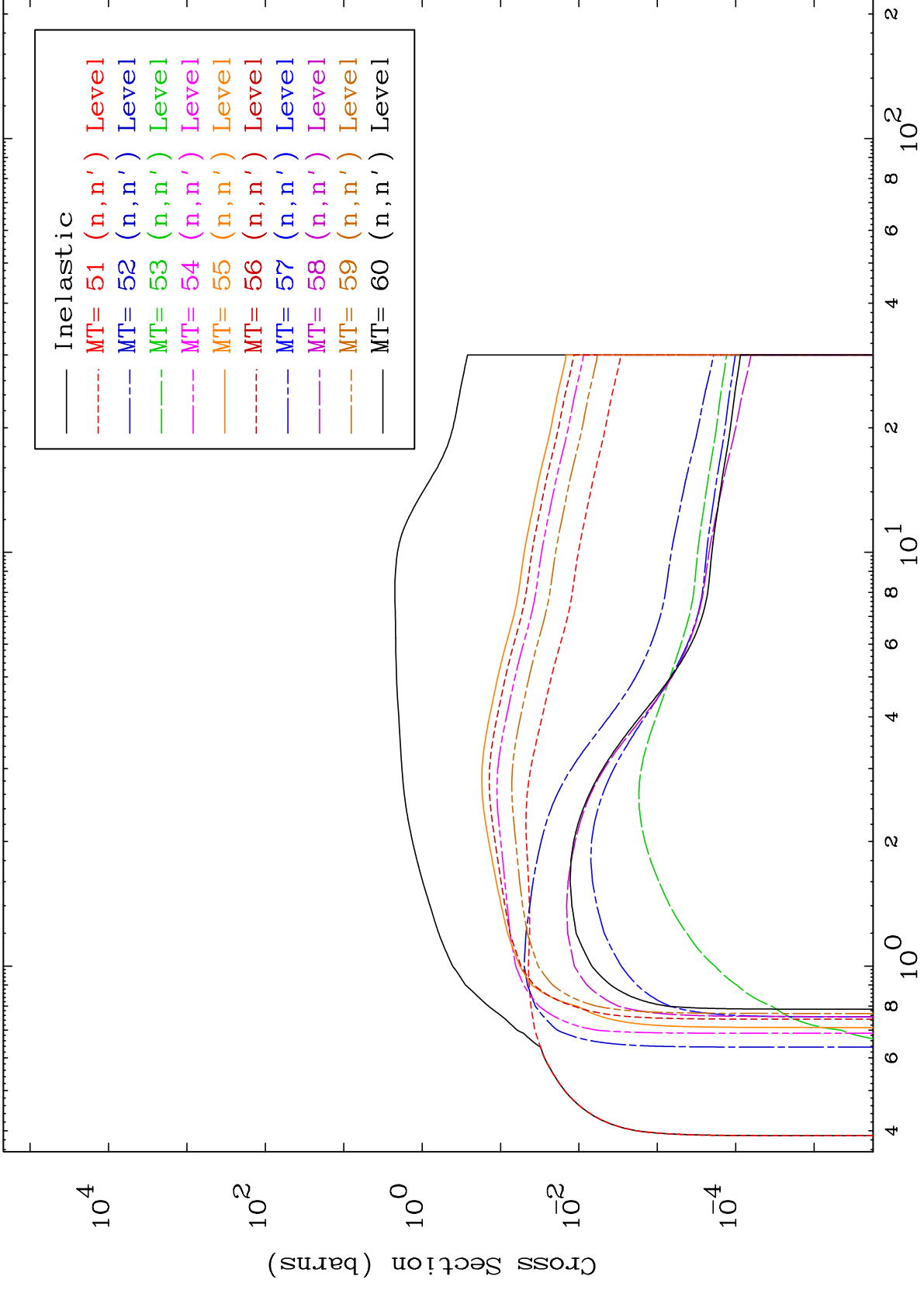


MAT 8607

(n,n') Level

86-Rn-205

293 Kelvin Cross Sections



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Incident Energy (MeV)

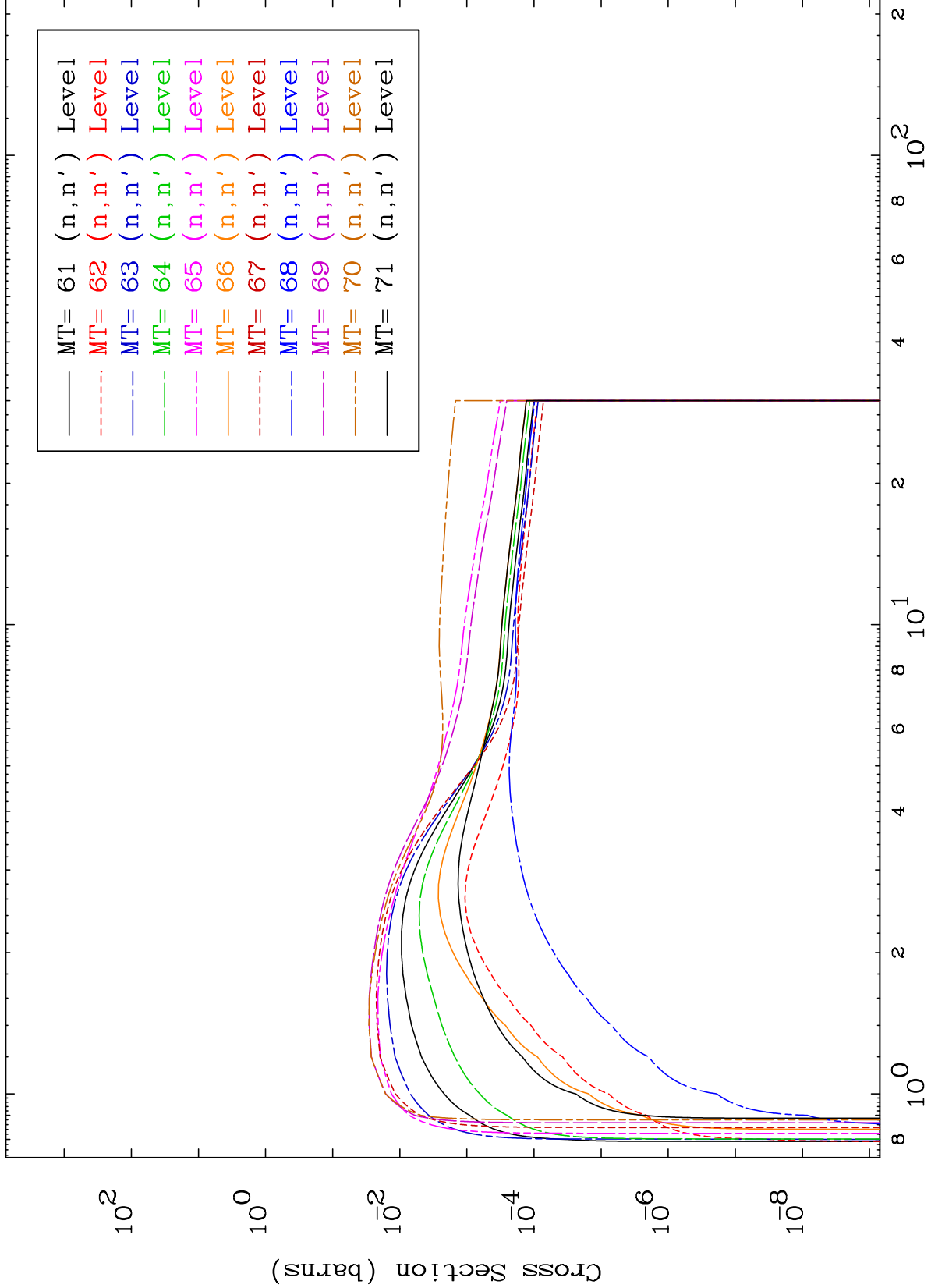
86-Rn-205

MAT 8607

(n,n') Level

86-Rn-205

293 Kelvin Cross Sections



86-Rn-205

Incident Energy (MeV)

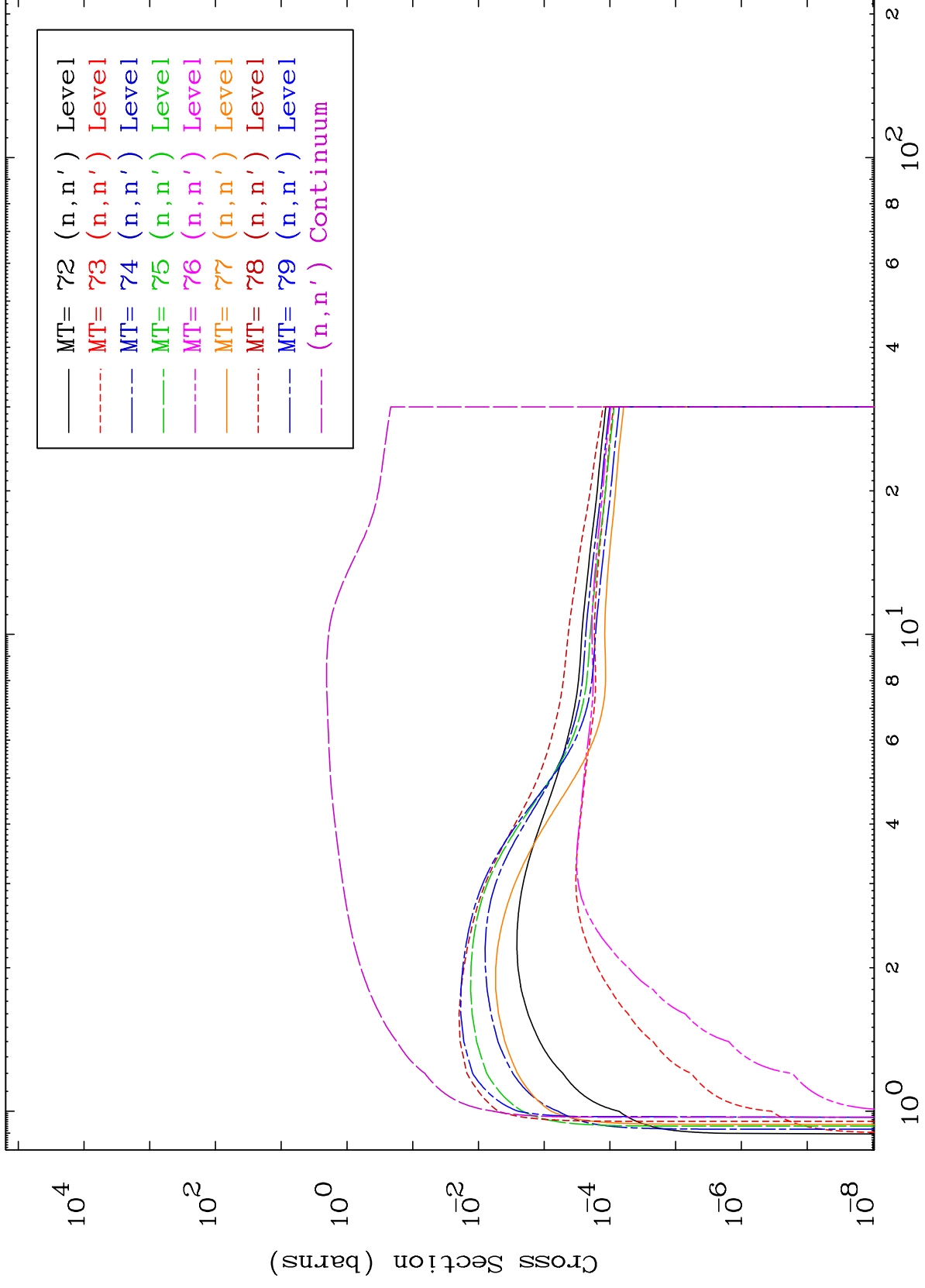
8

MAT 8607

(n,n') Level

86-Rn-205

293 Kelvin Cross Sections



9

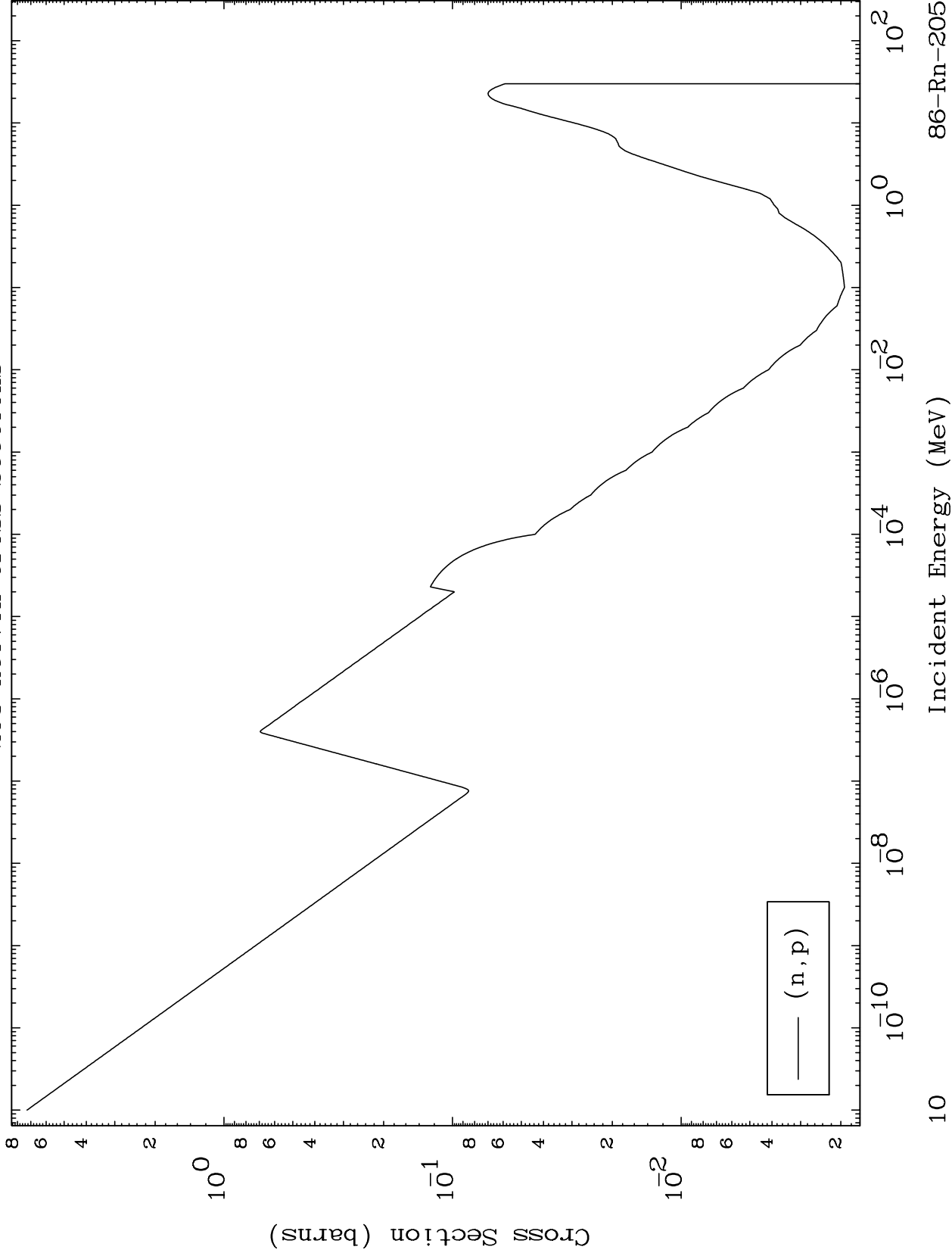
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-205



10

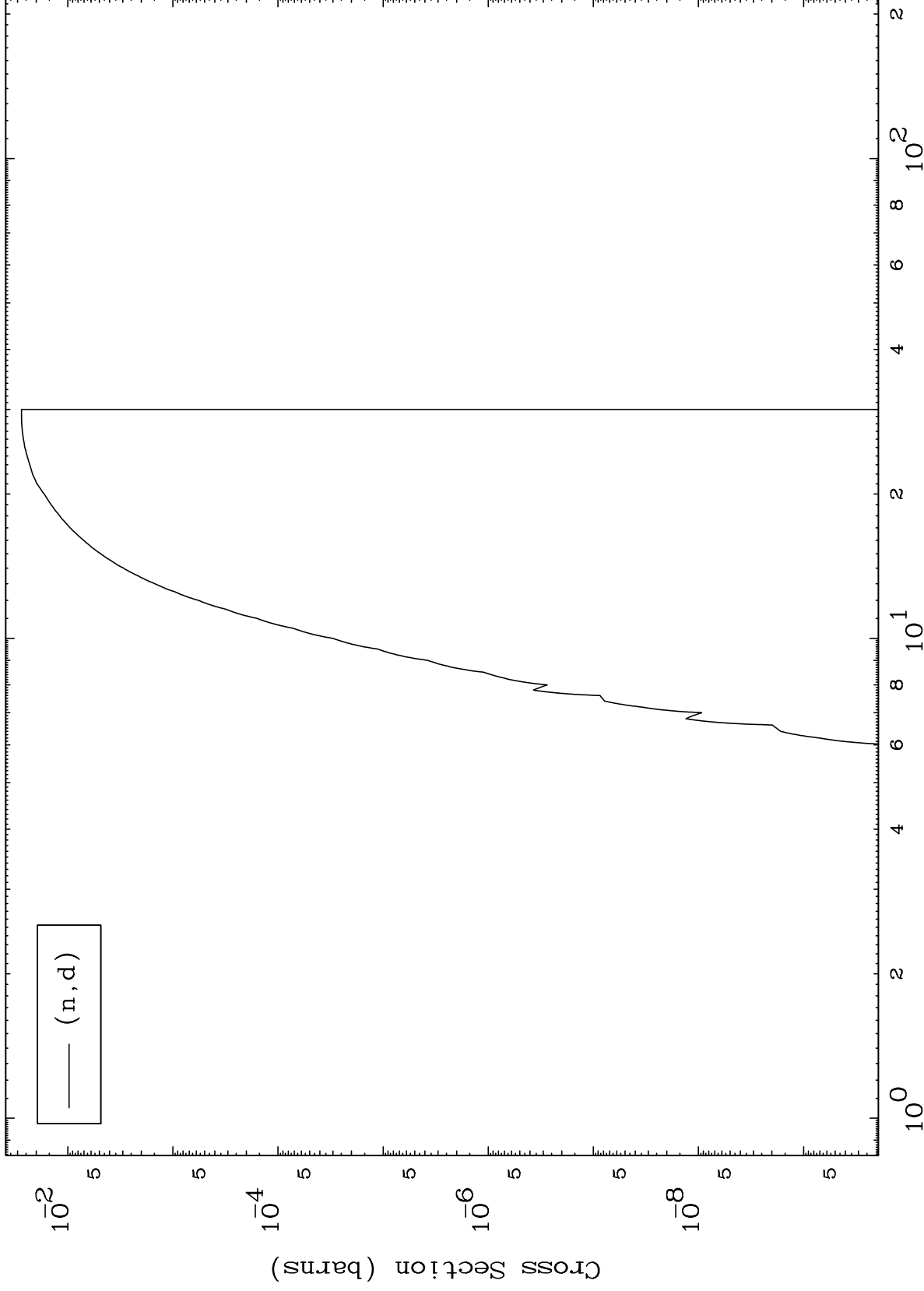
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-205



11

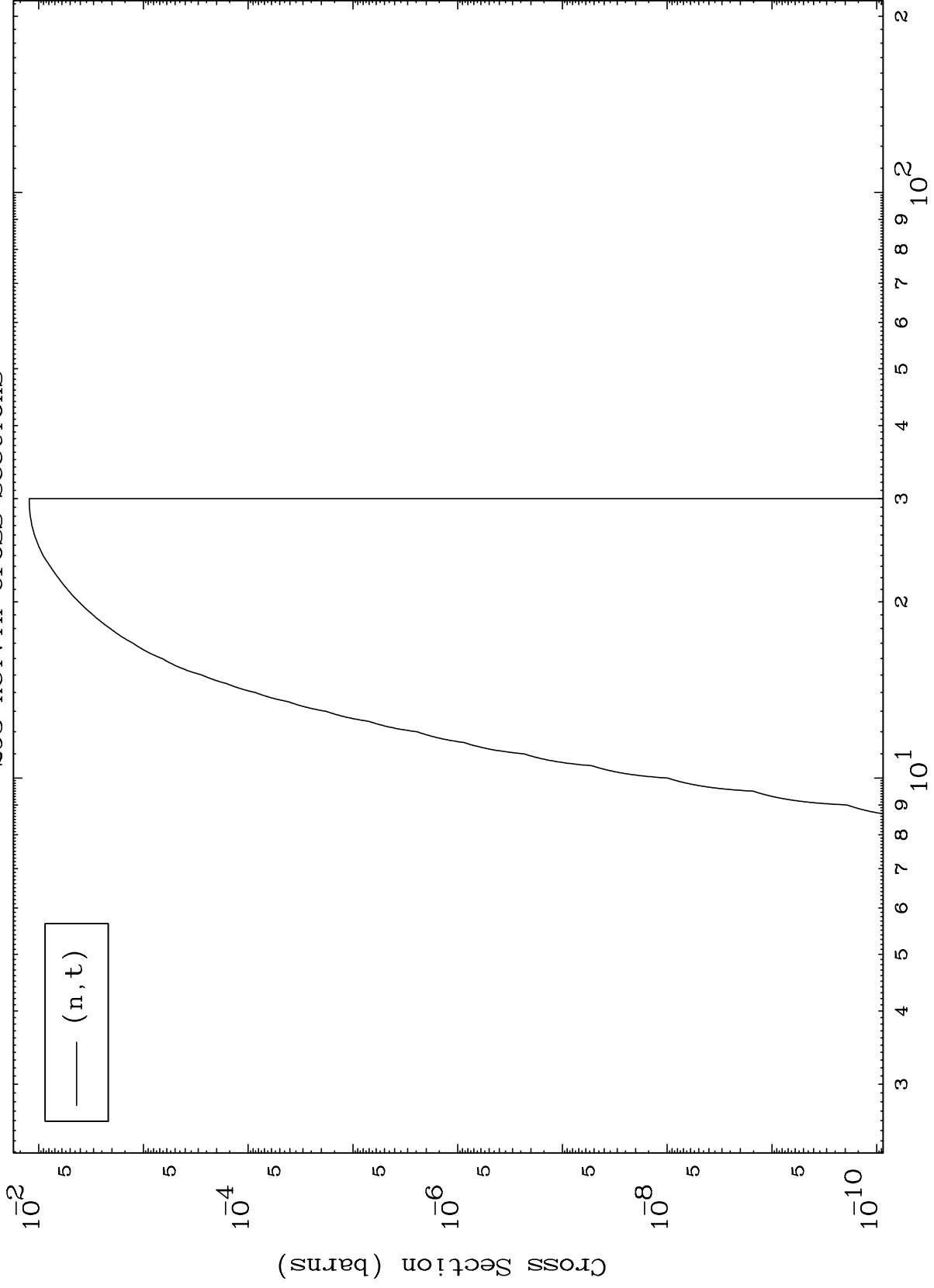
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-205



12

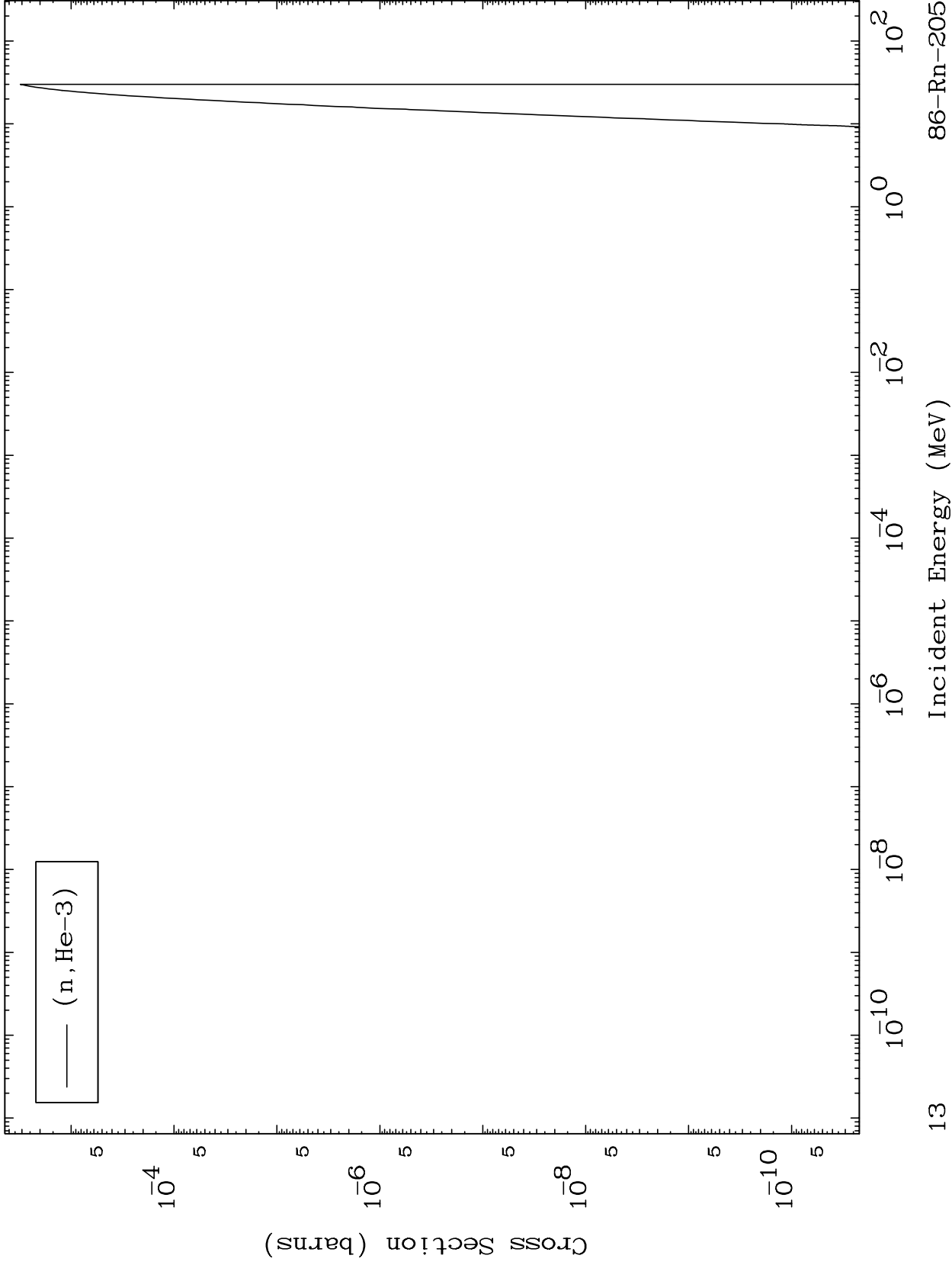
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,He3) Levels
293 Kelvin Cross Sections

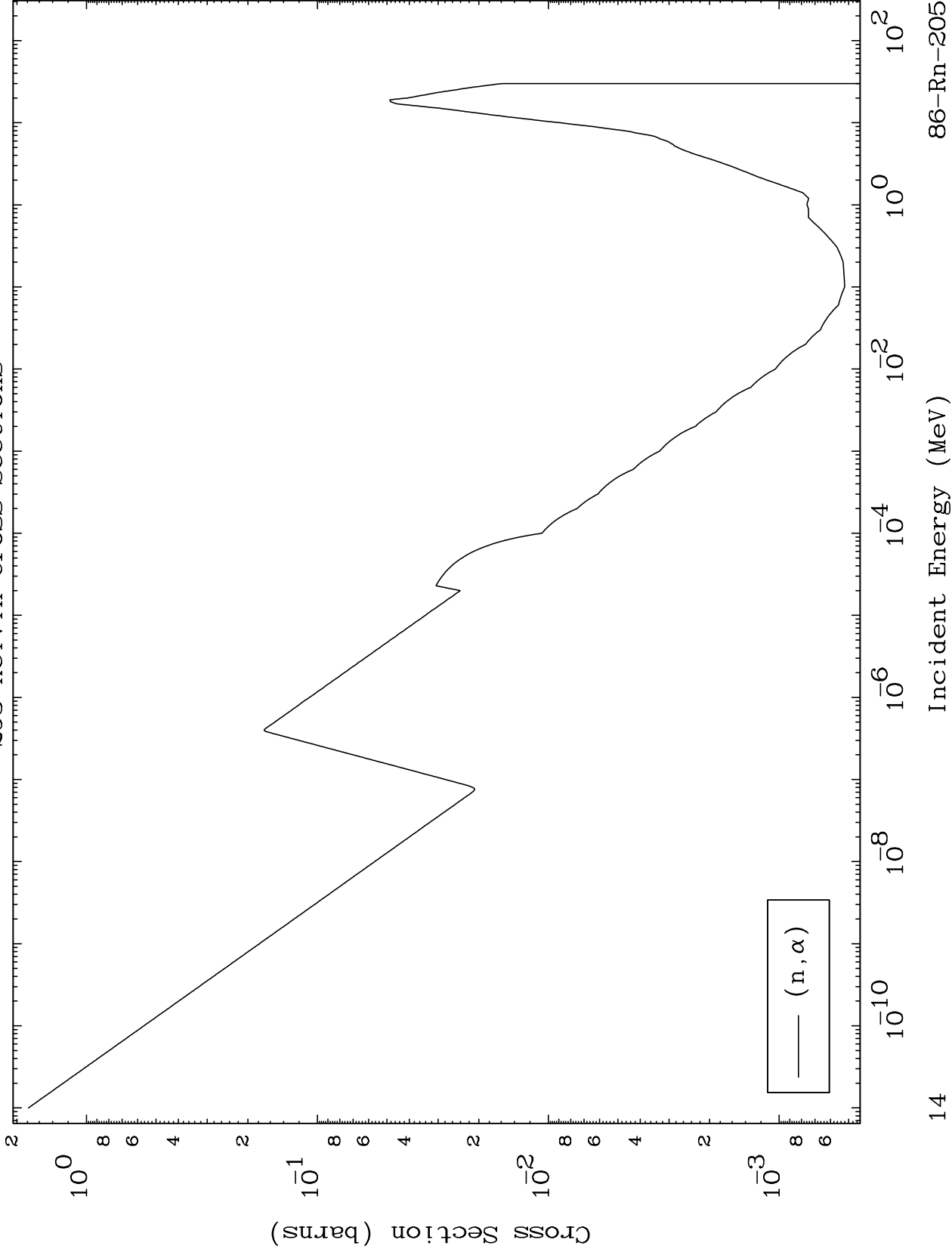
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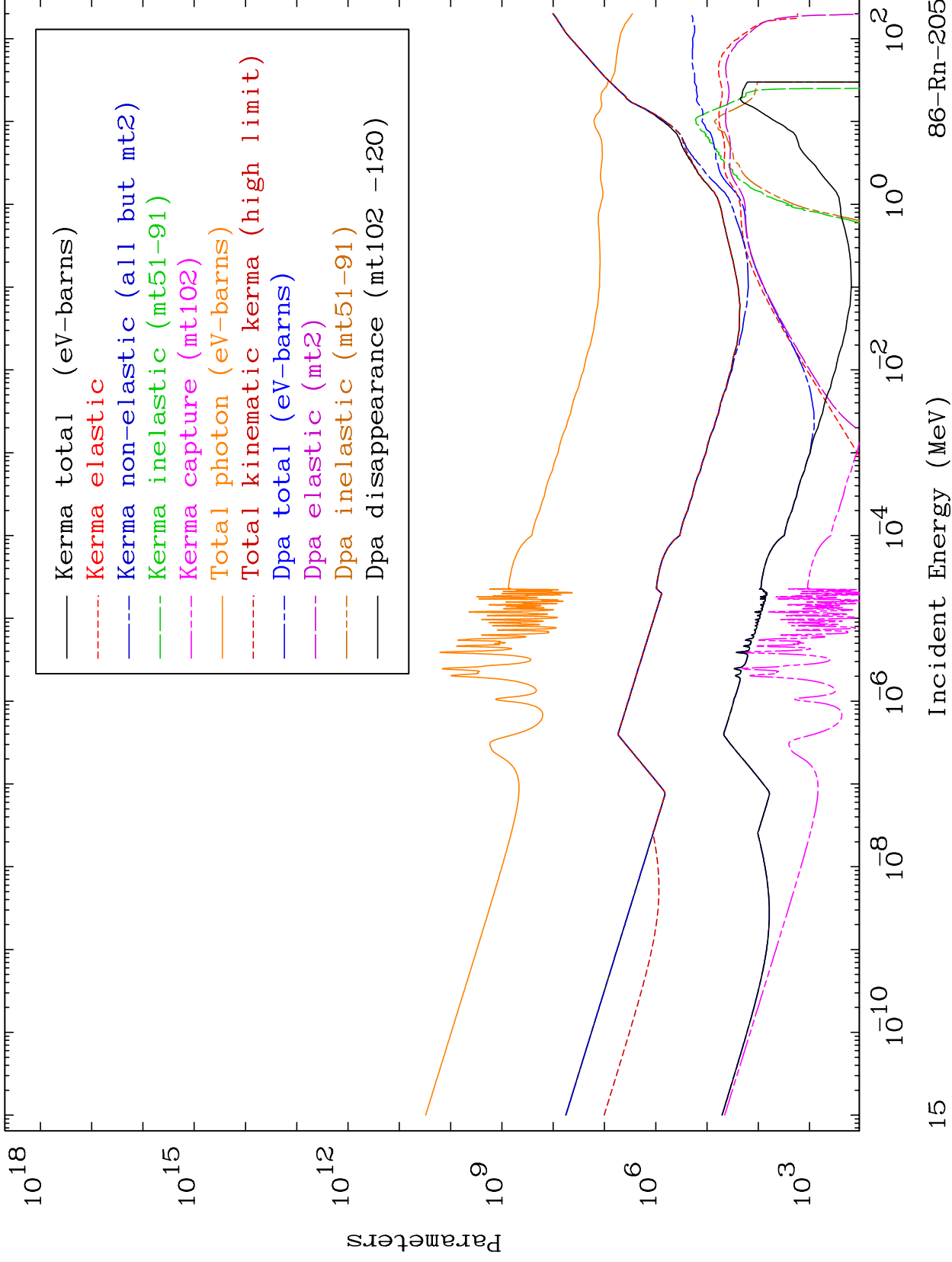


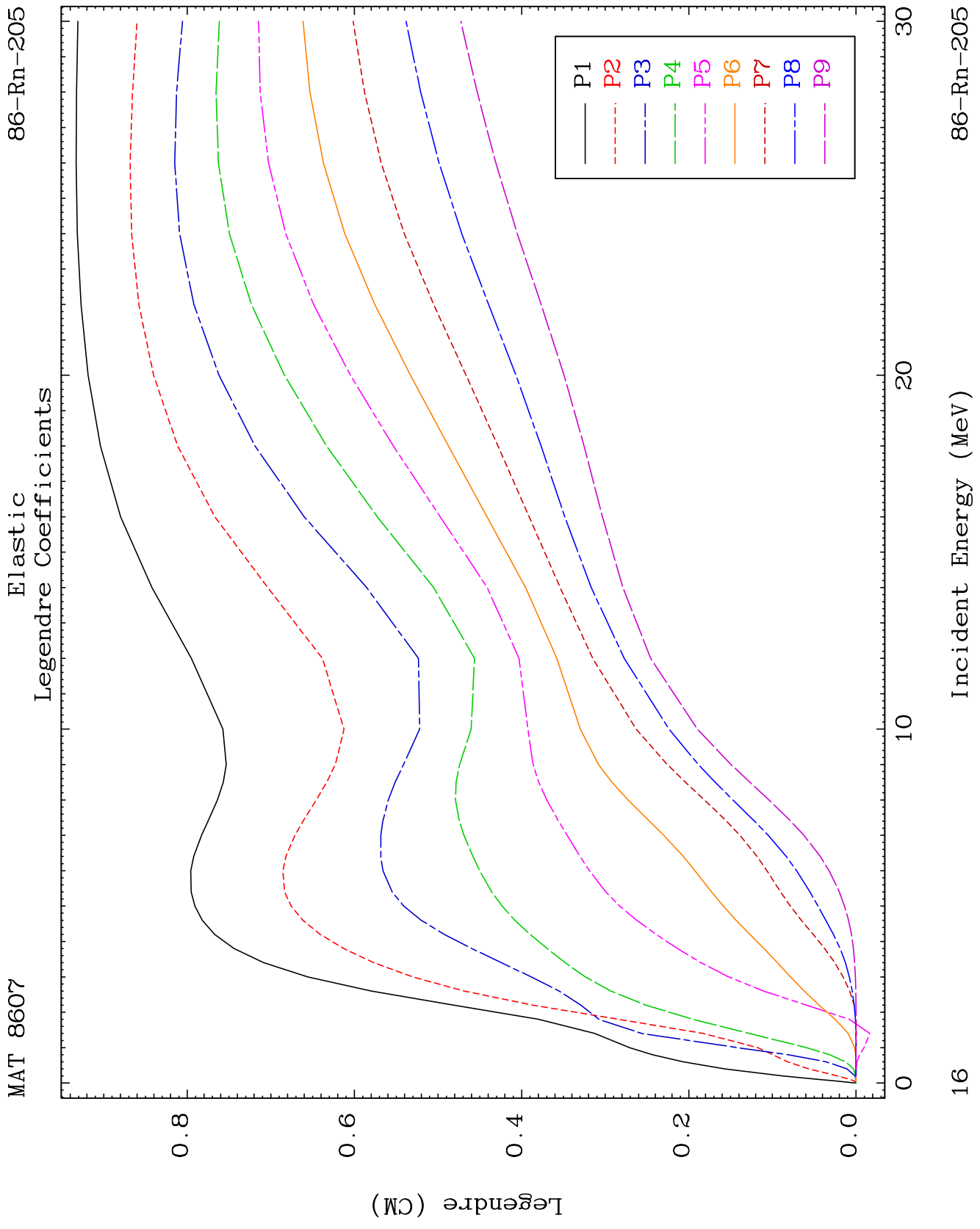
MAT 8607

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-205



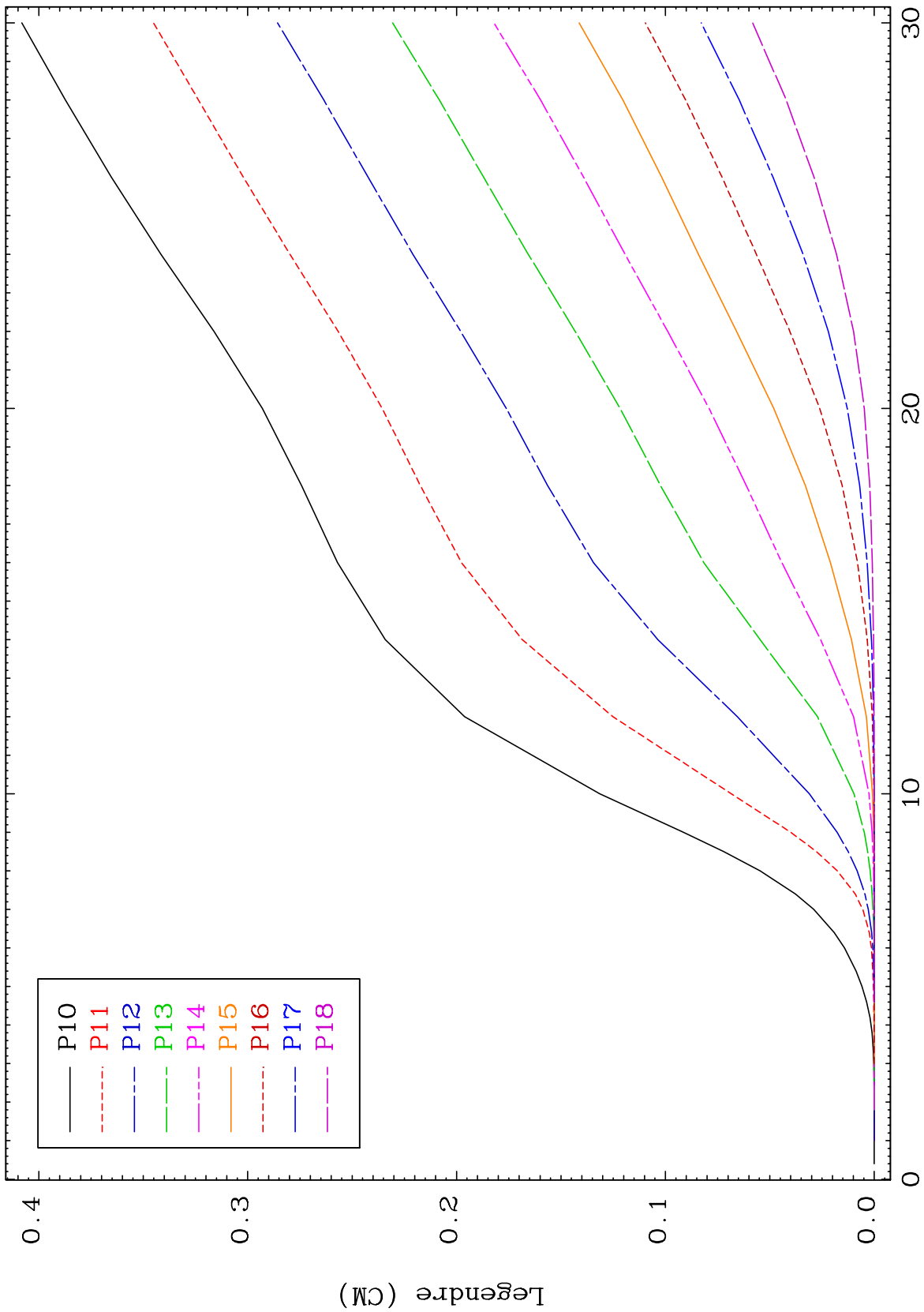




MAT 8607

Elastic Legendre Coefficients

86-Rn-205



17

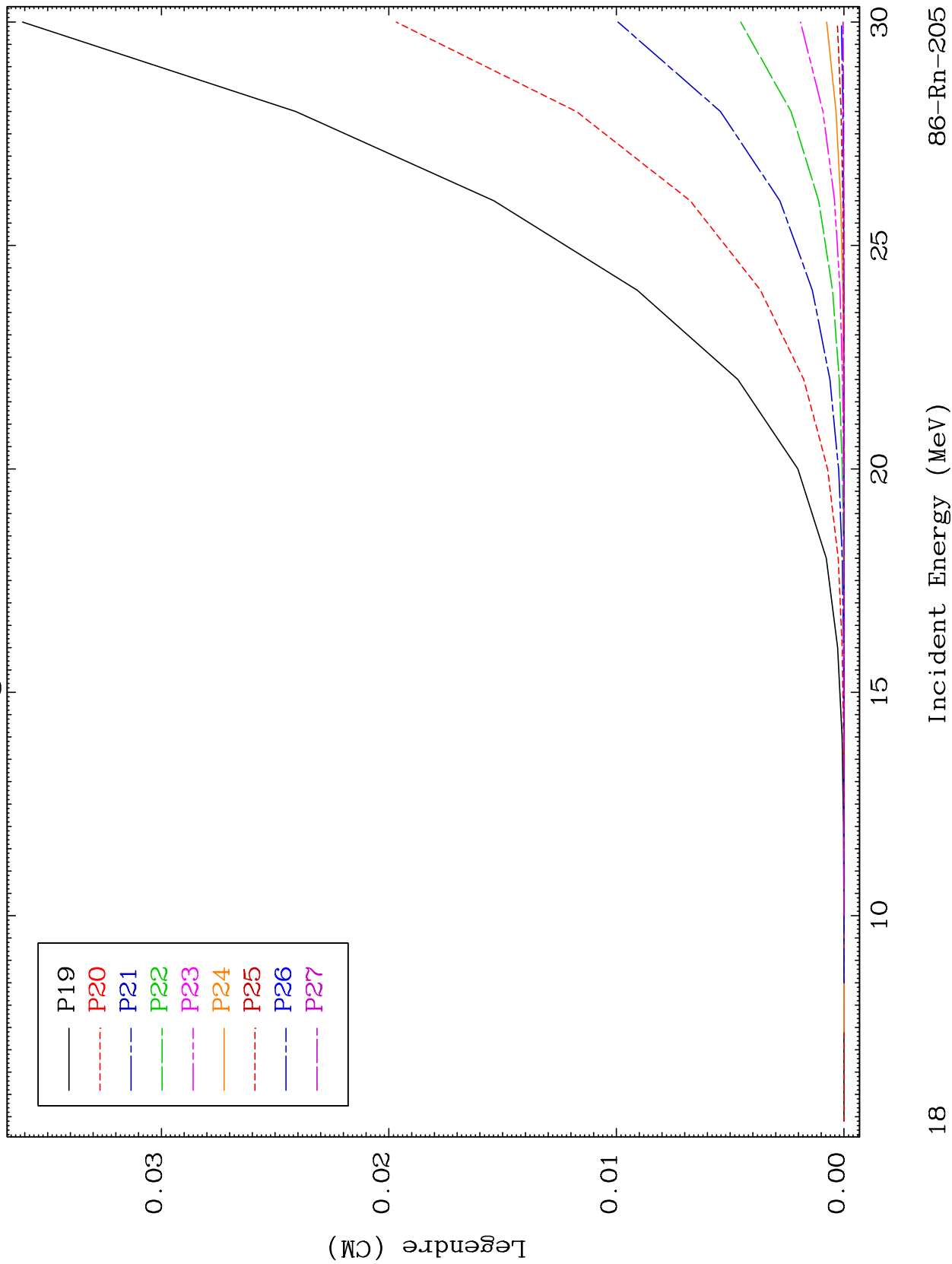
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



18

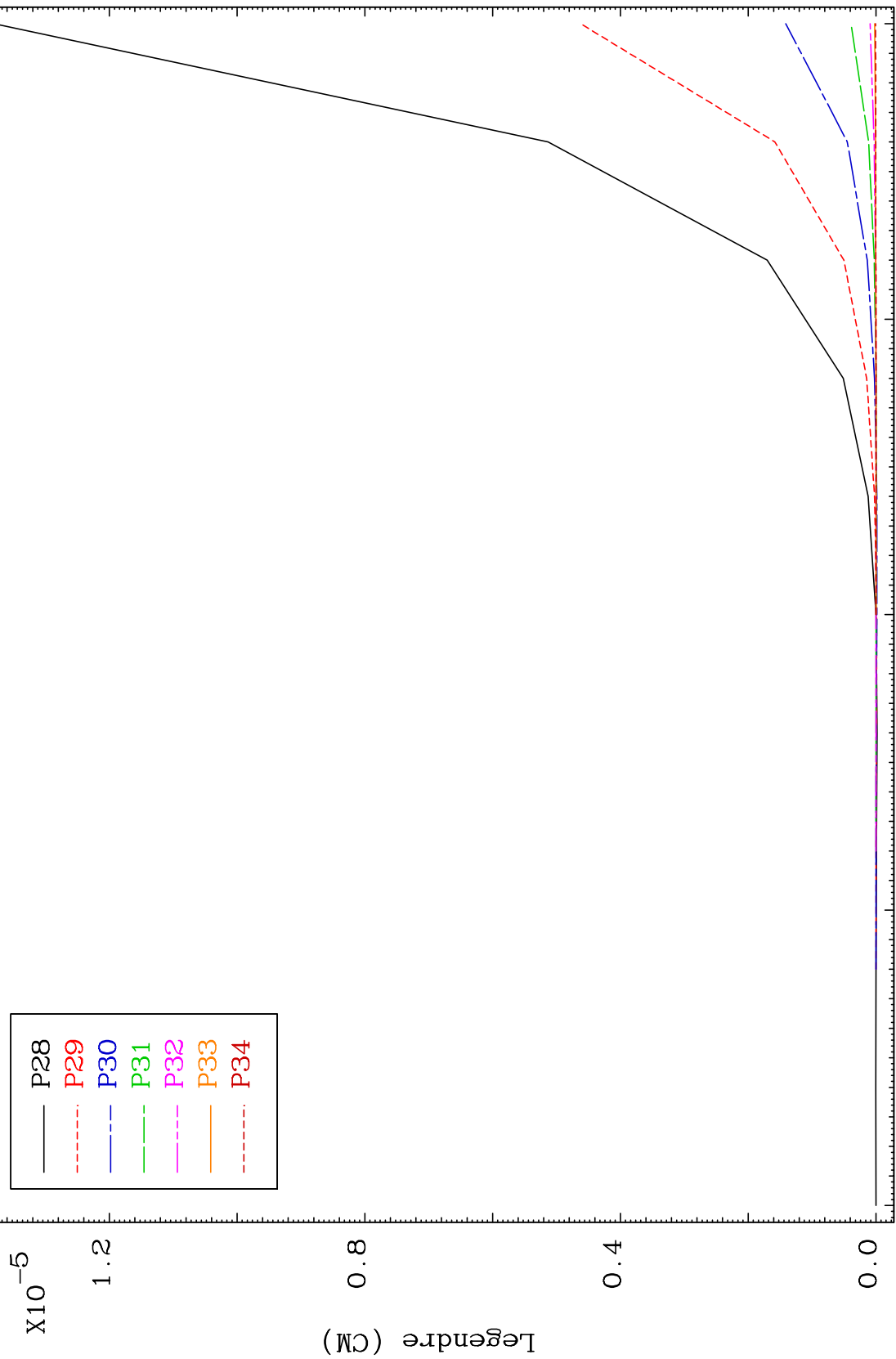
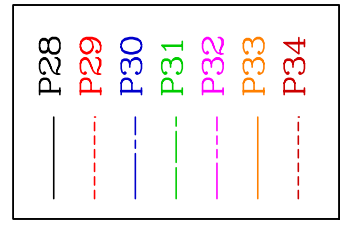
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



19

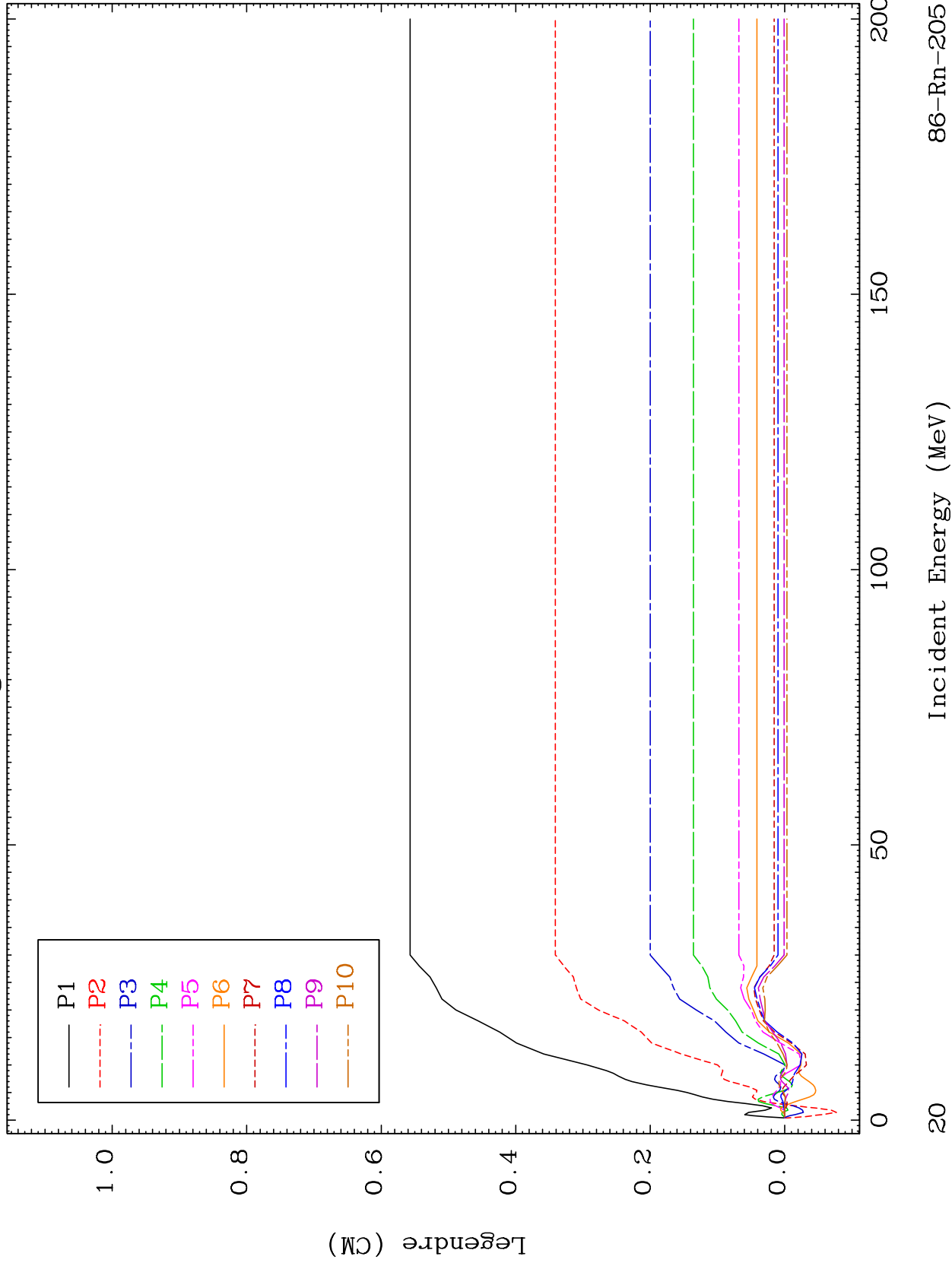
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

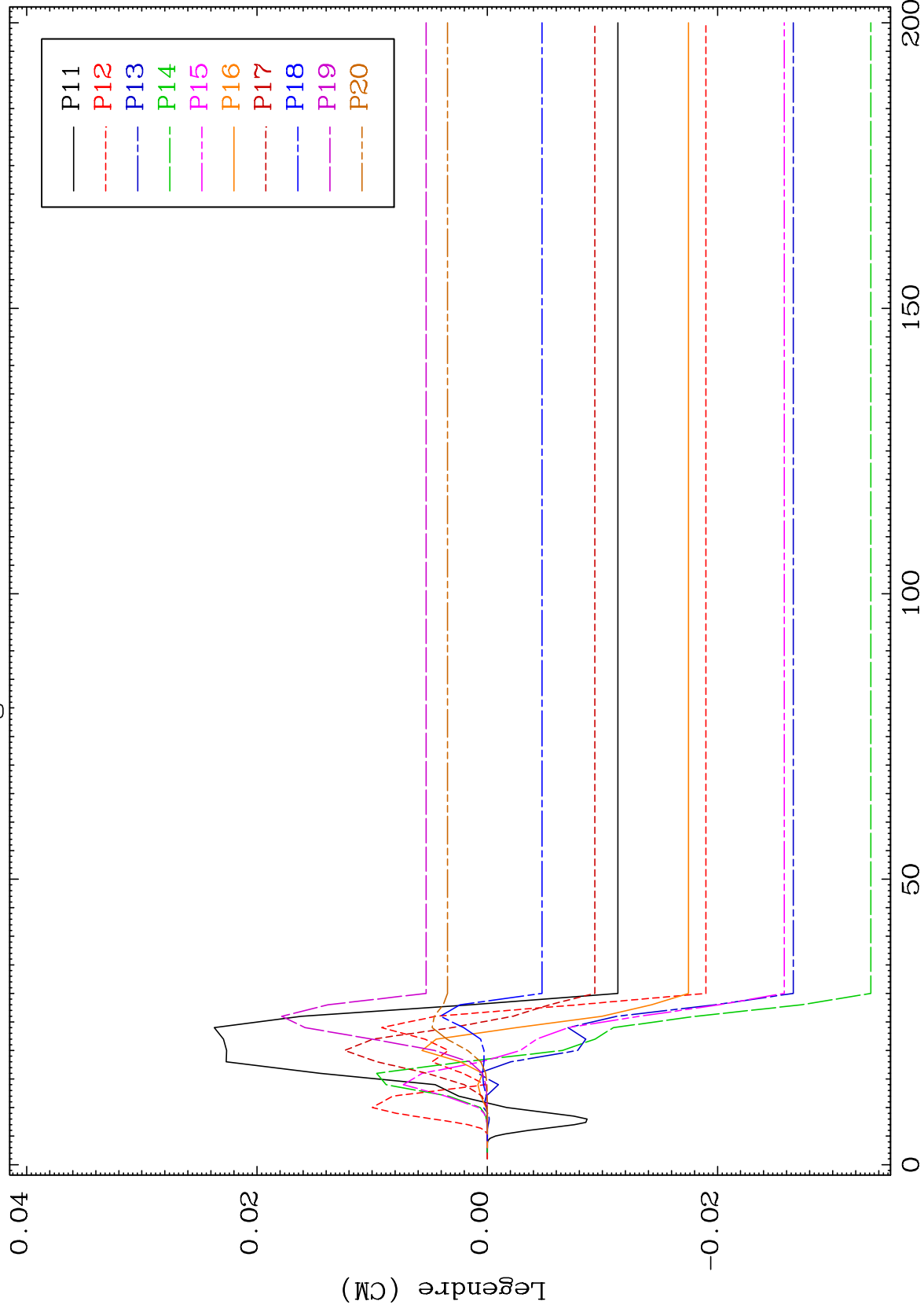
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MAT 8607

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

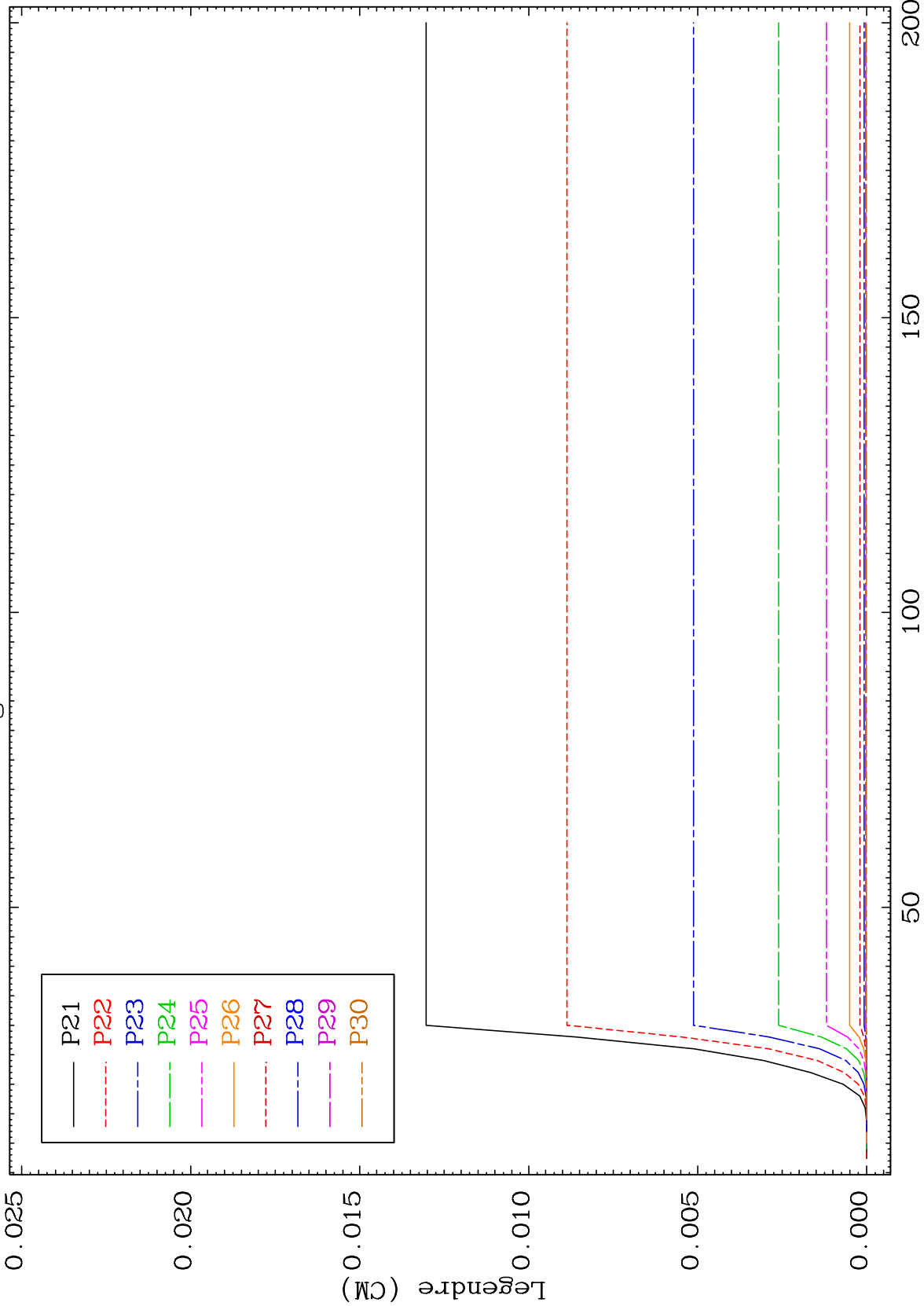
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21

Incident Energy (MeV)

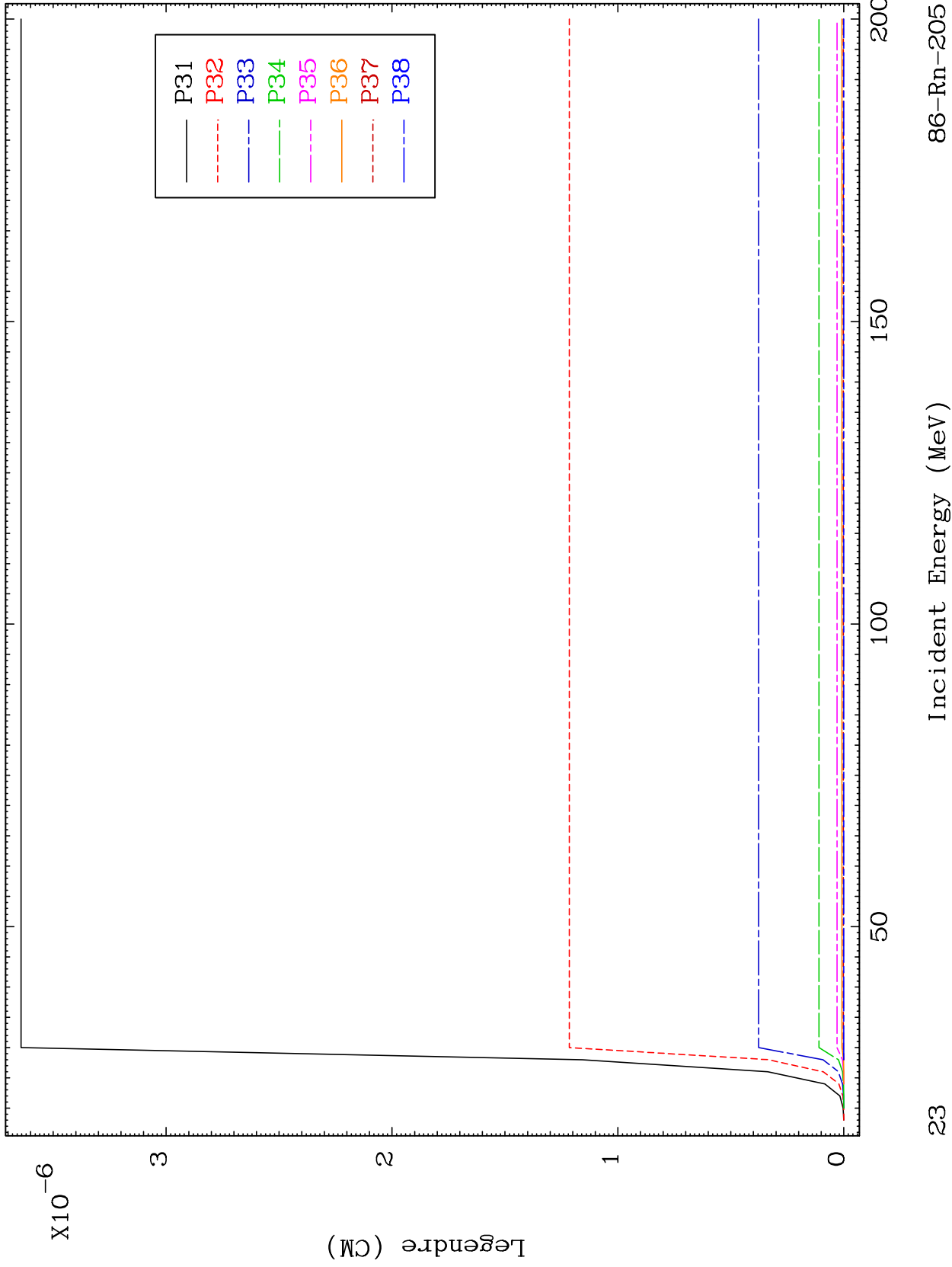
86-Rn-205



MAT 8607

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

86-Rn-205



23

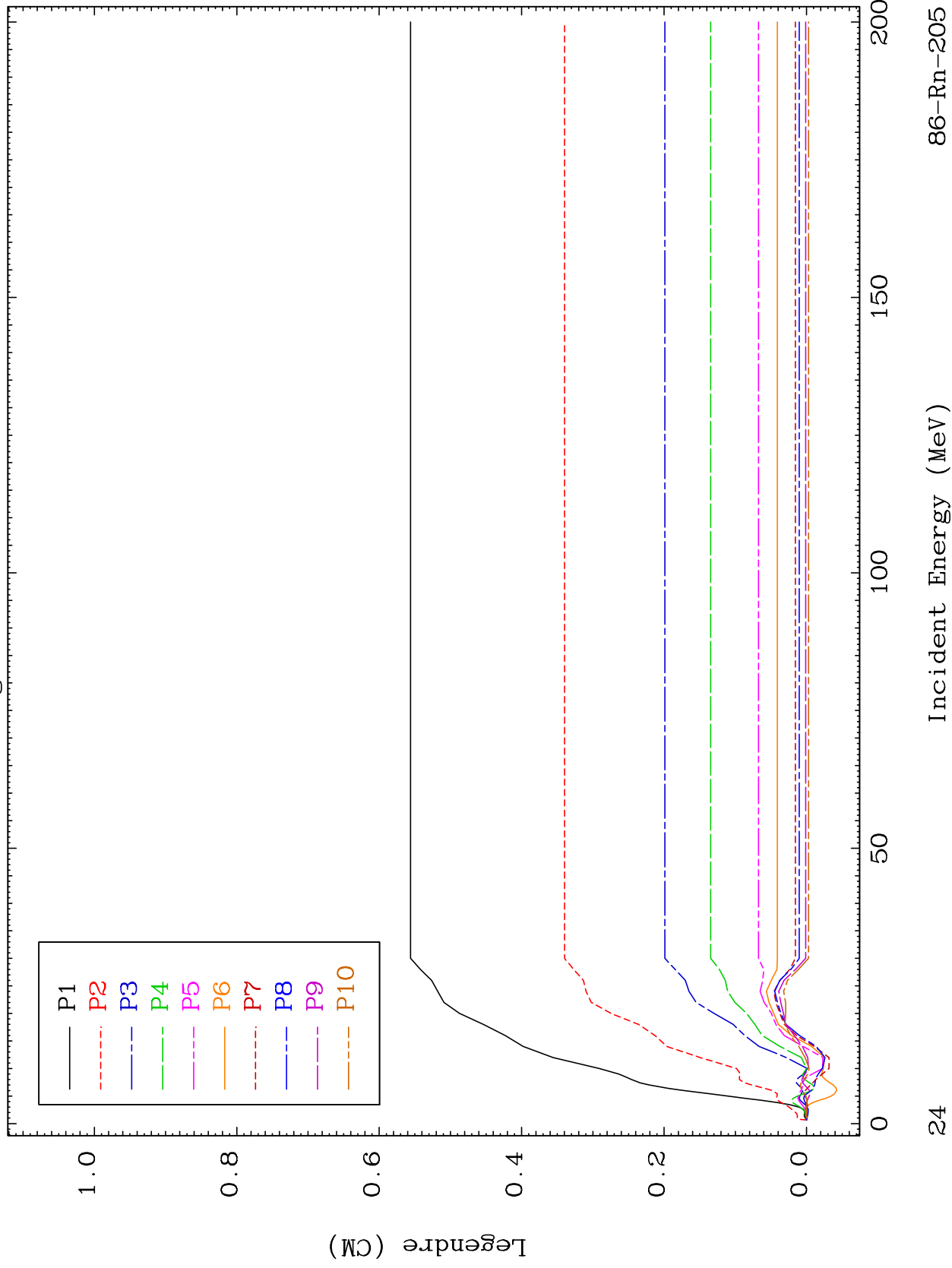
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



24

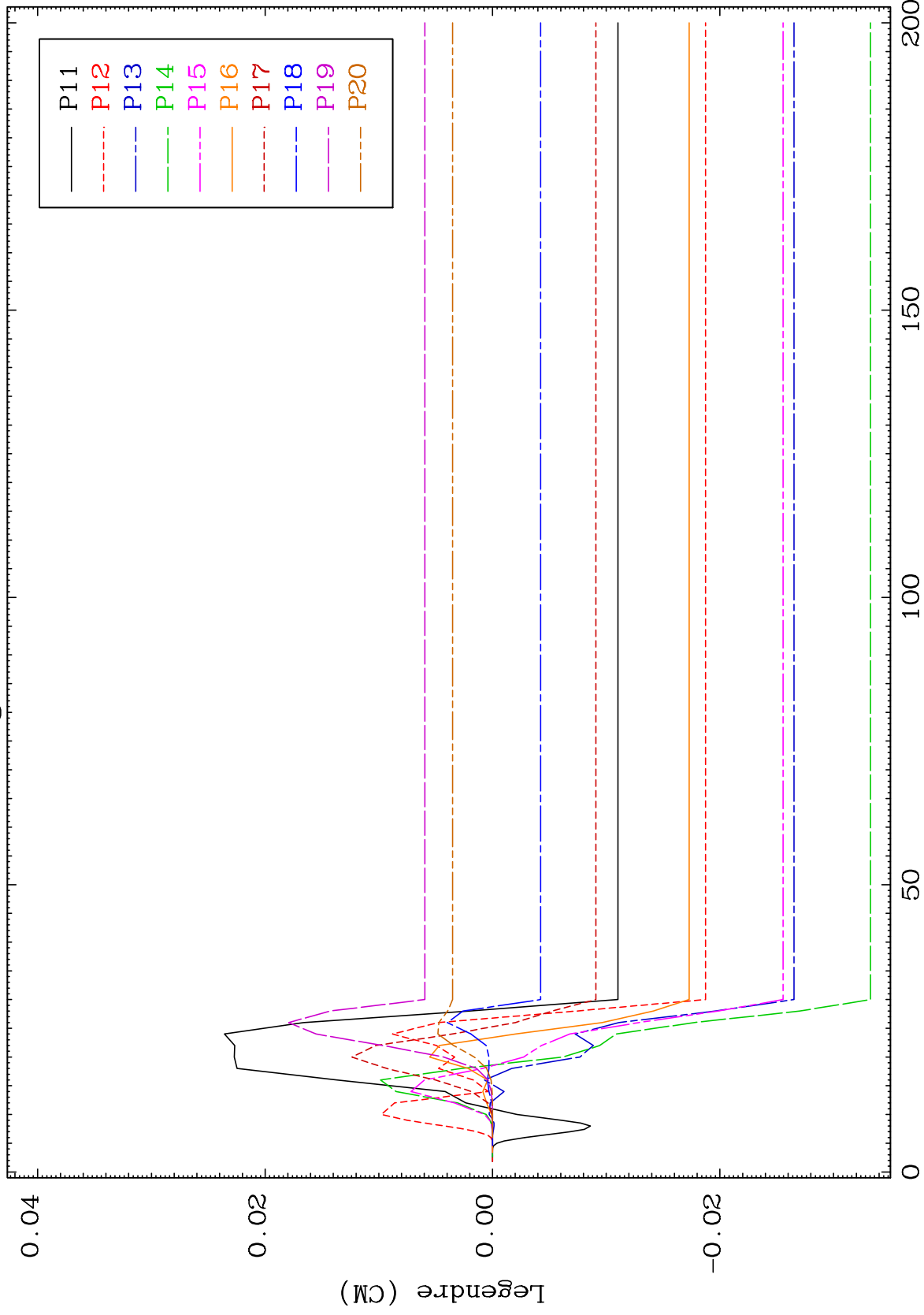
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

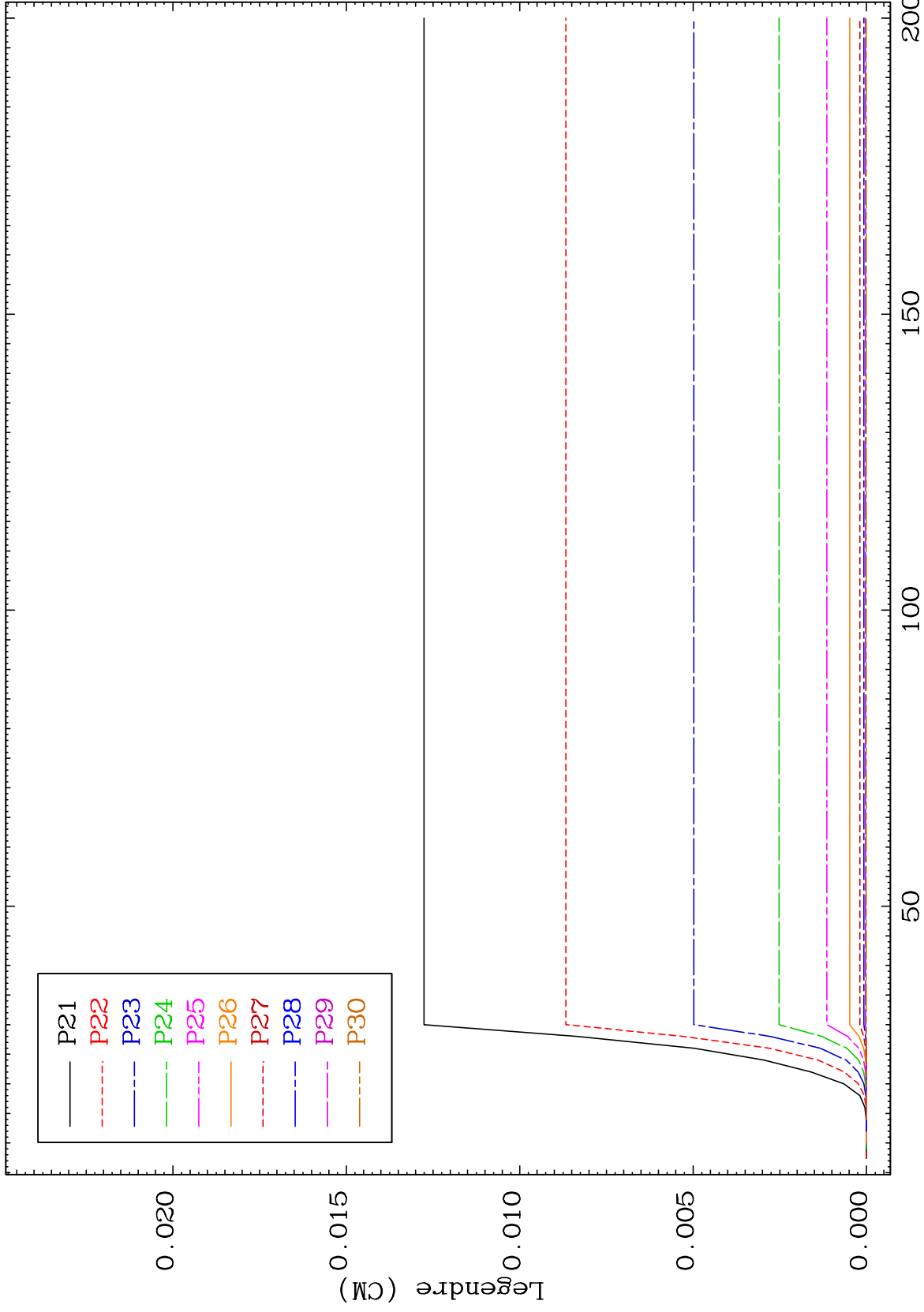
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25

Incident Energy (MeV)

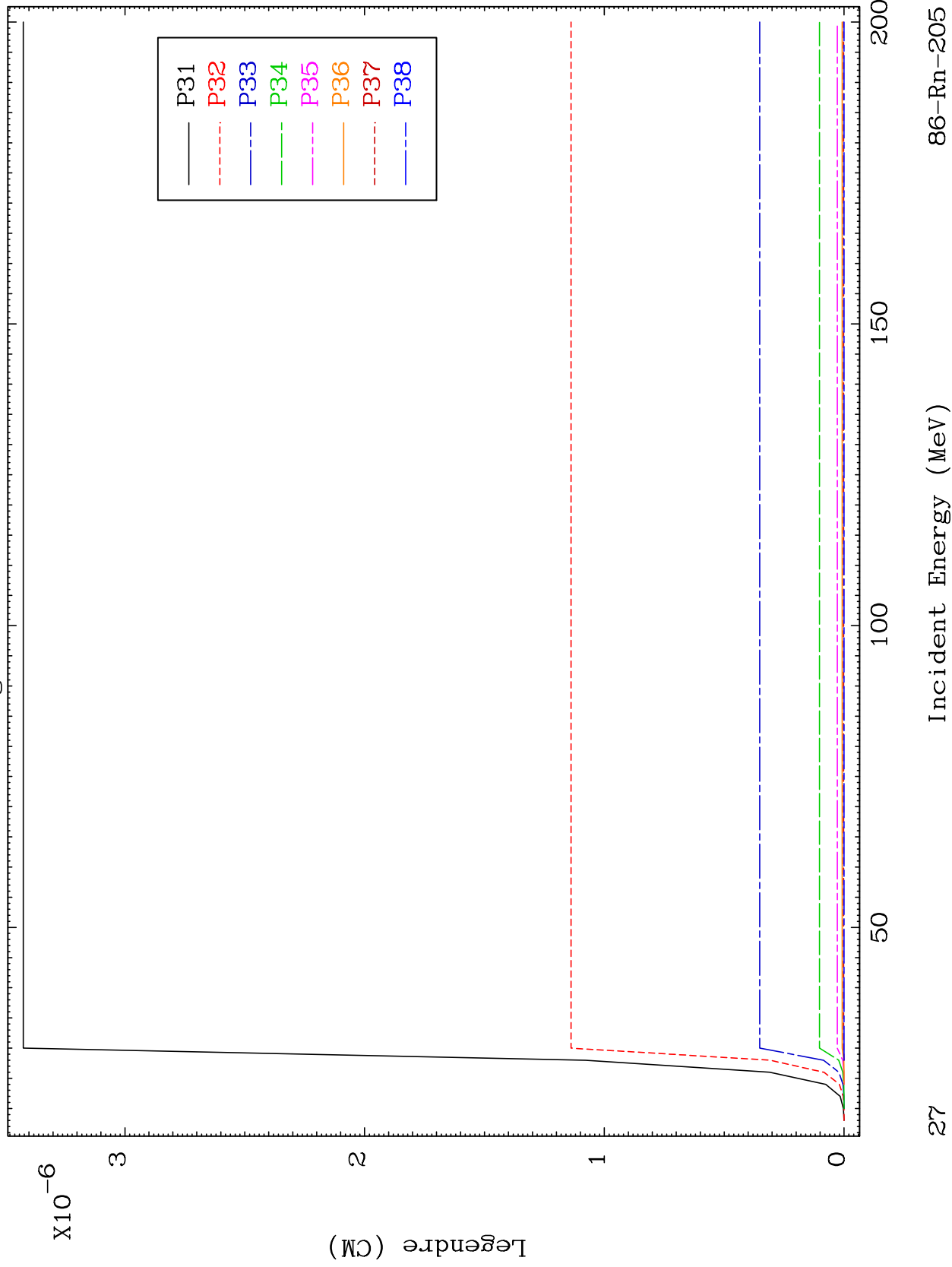
86-Rn-205



MAT 8607

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

86-Rn-205



27

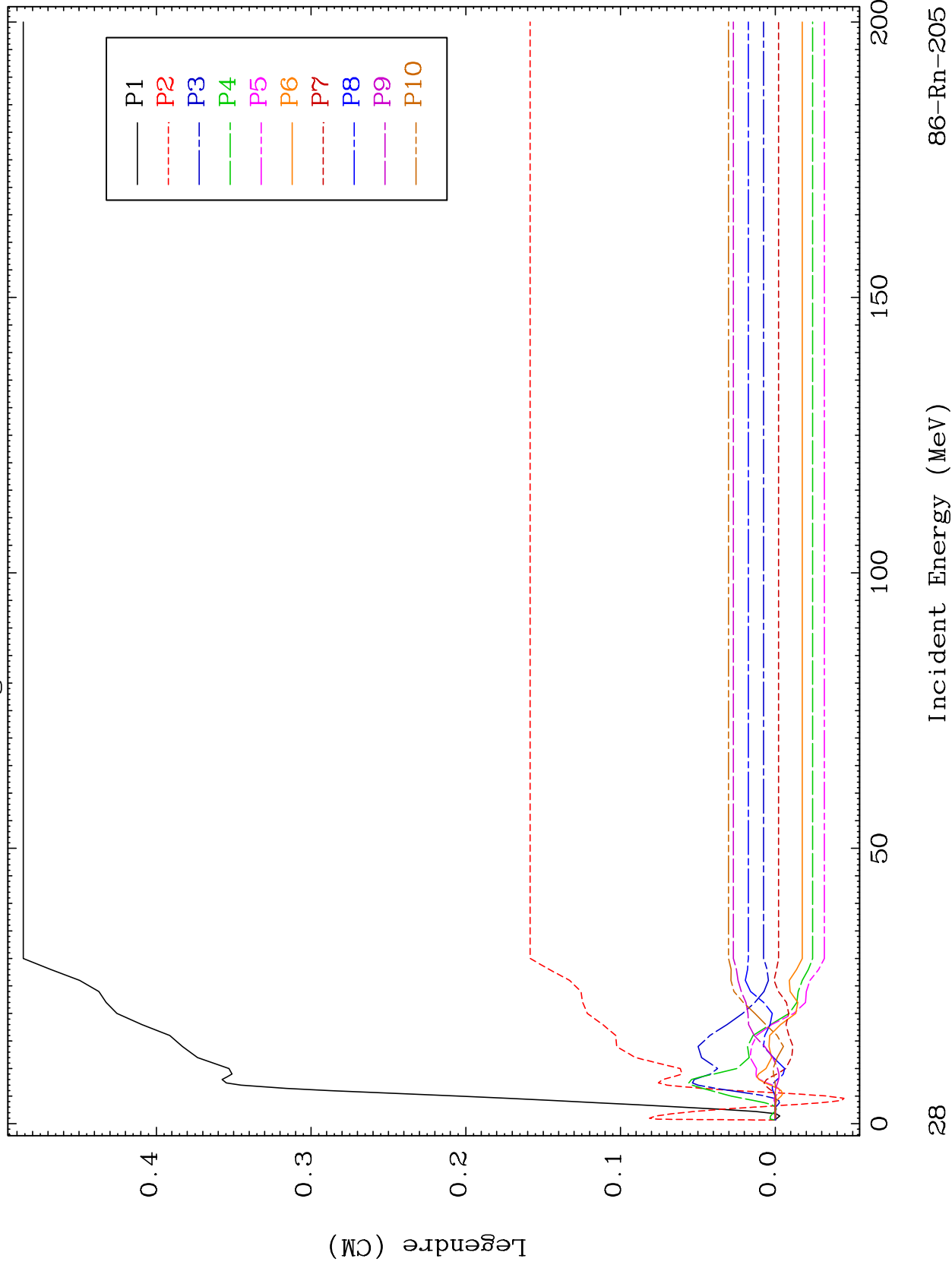
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



86-Rn-205

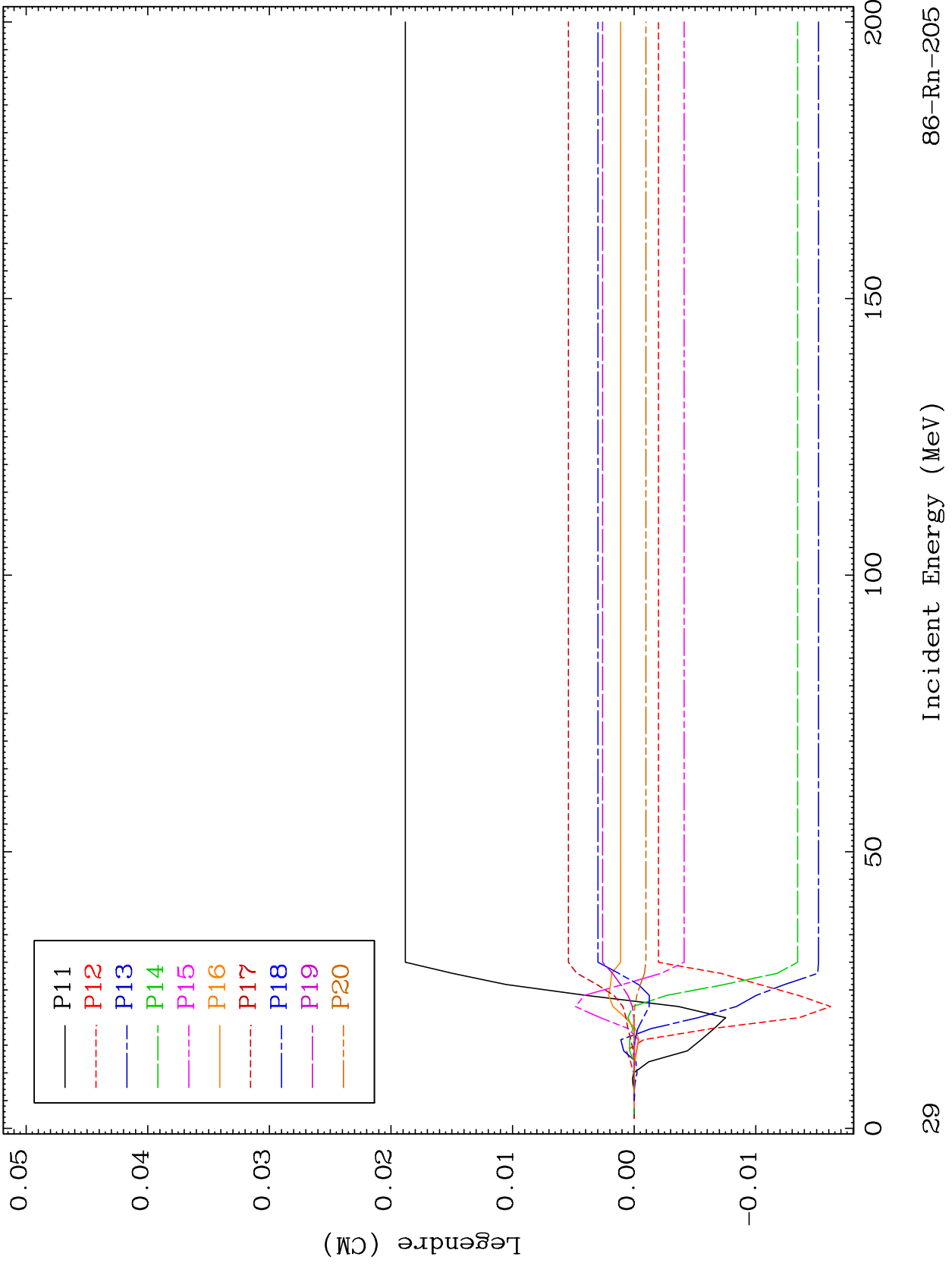
Incident Energy (MeV)

28

MAT 8607

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

86-Rn-205



29

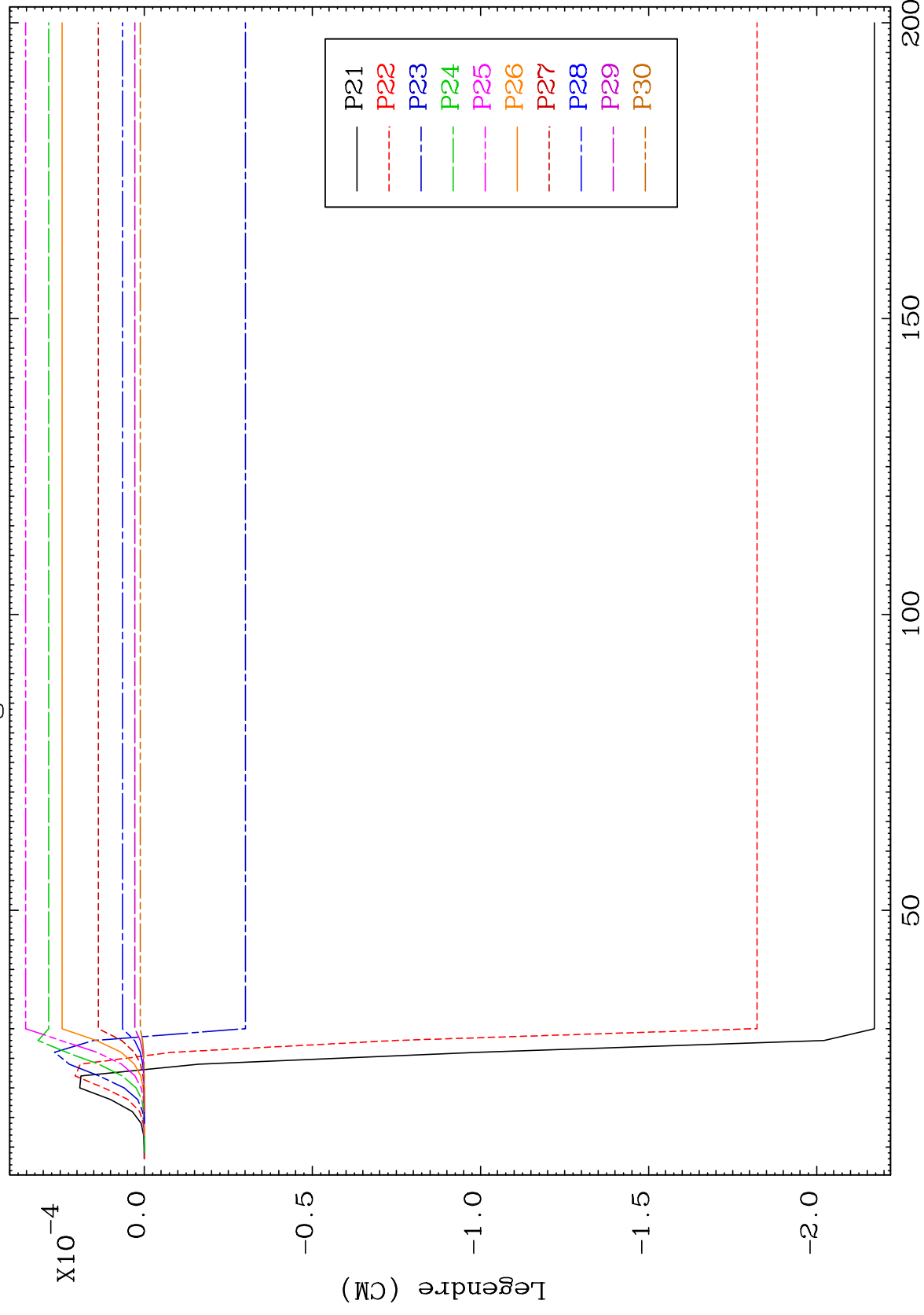
86-Rn-205

86-Rn-205

MAT 8607

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

86-Rn-205



30

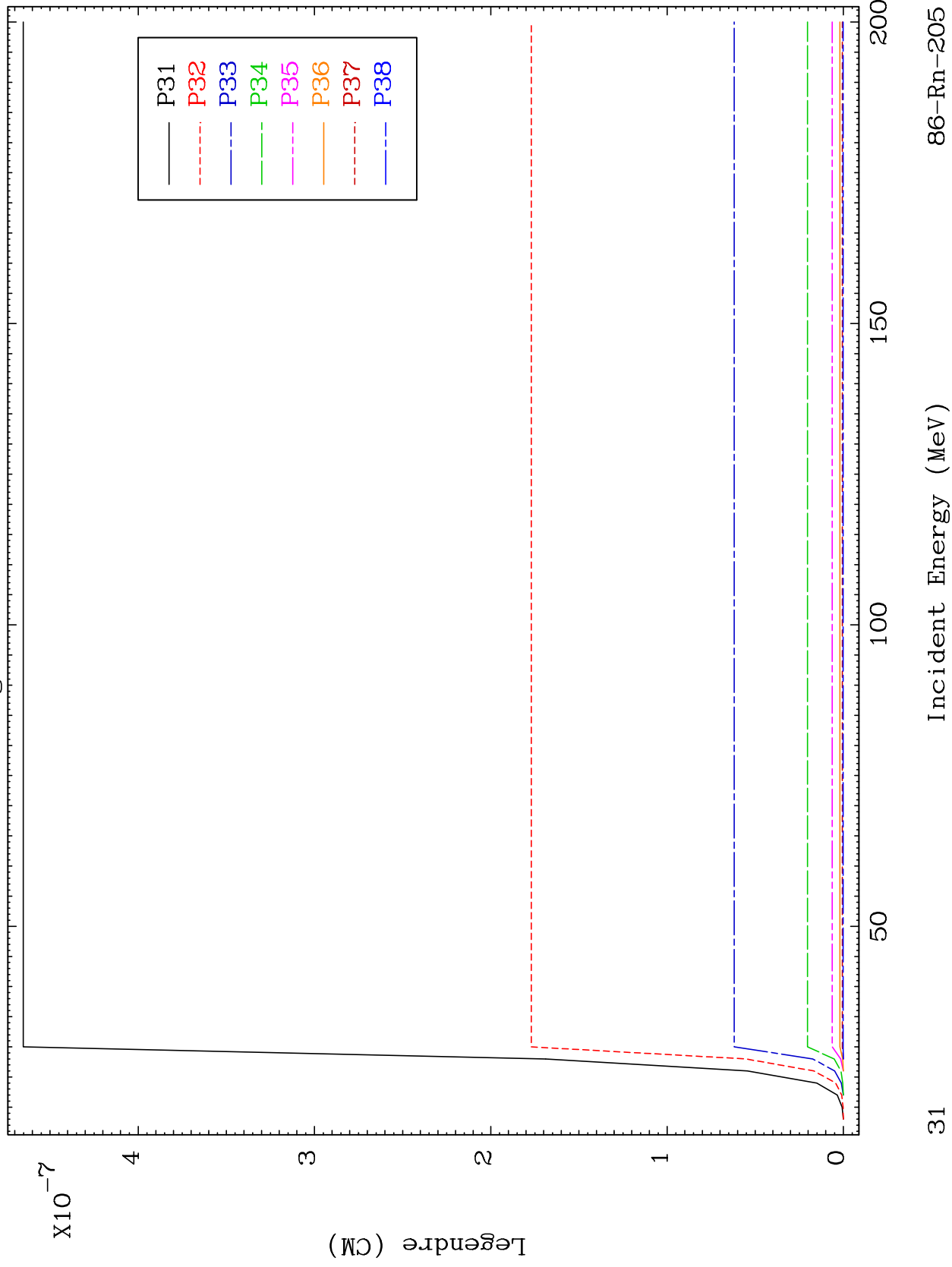
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

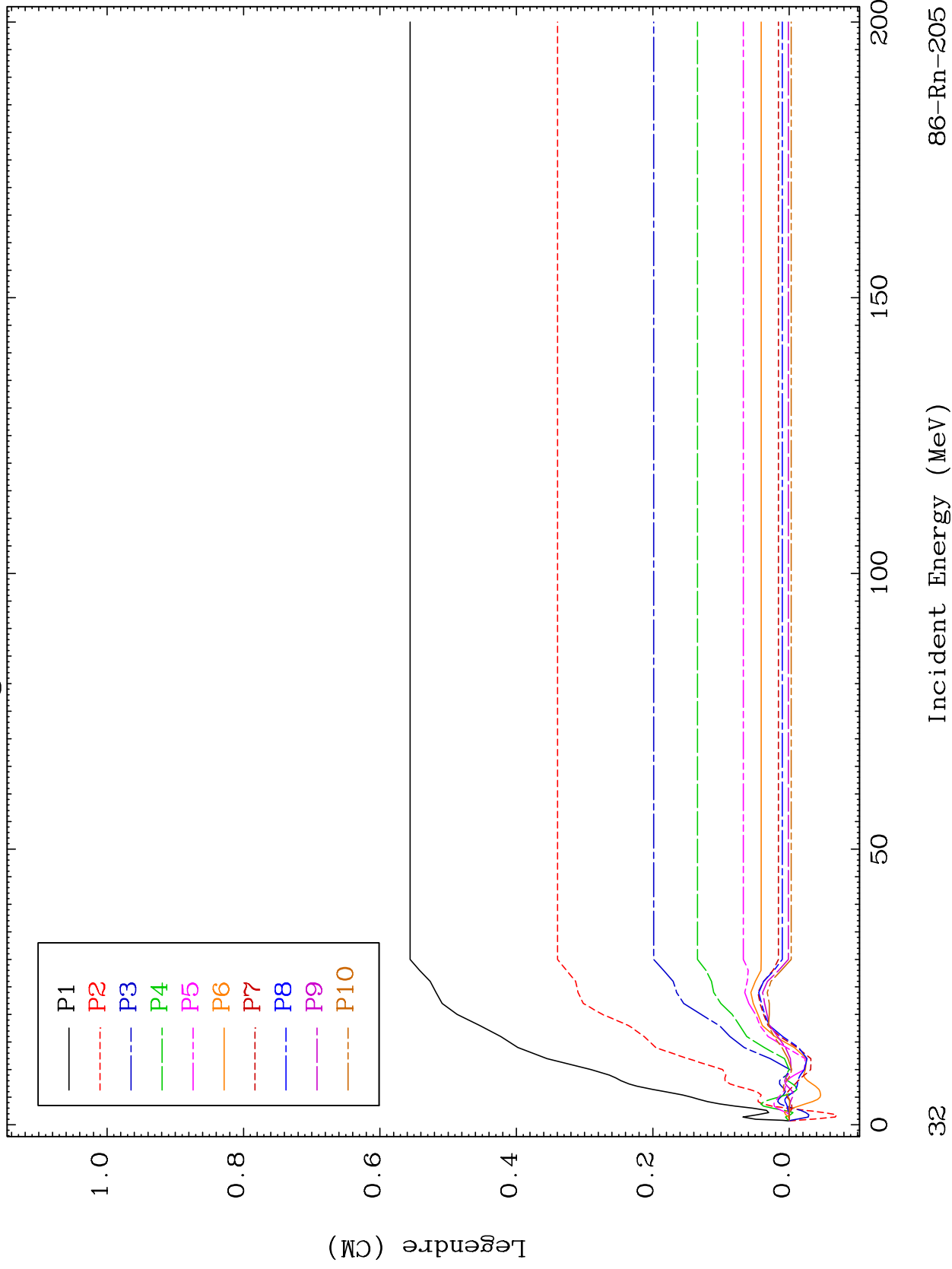
86-Rn-205



MAT 8607

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

86-Rn-205

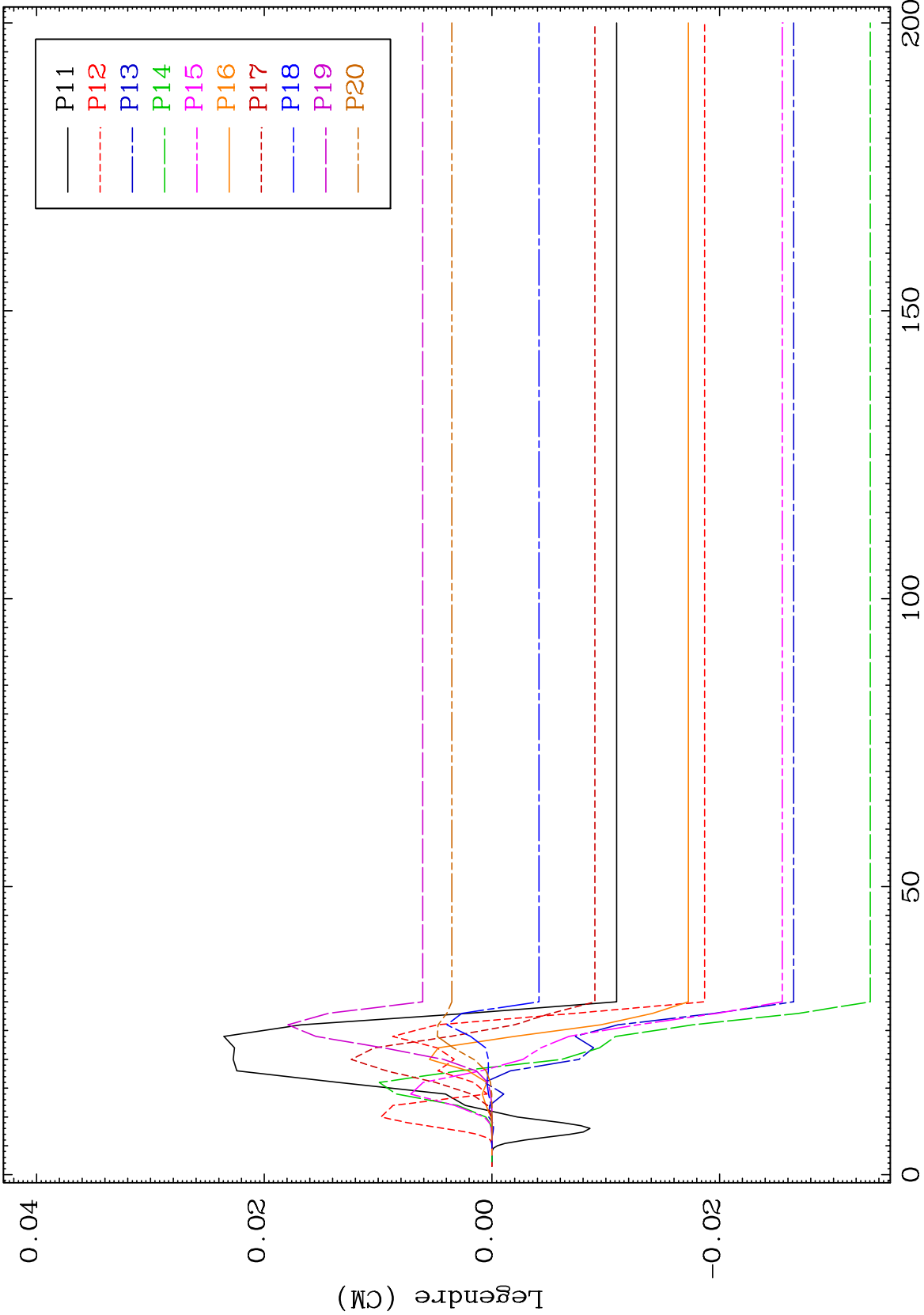


32

MAT 8607

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

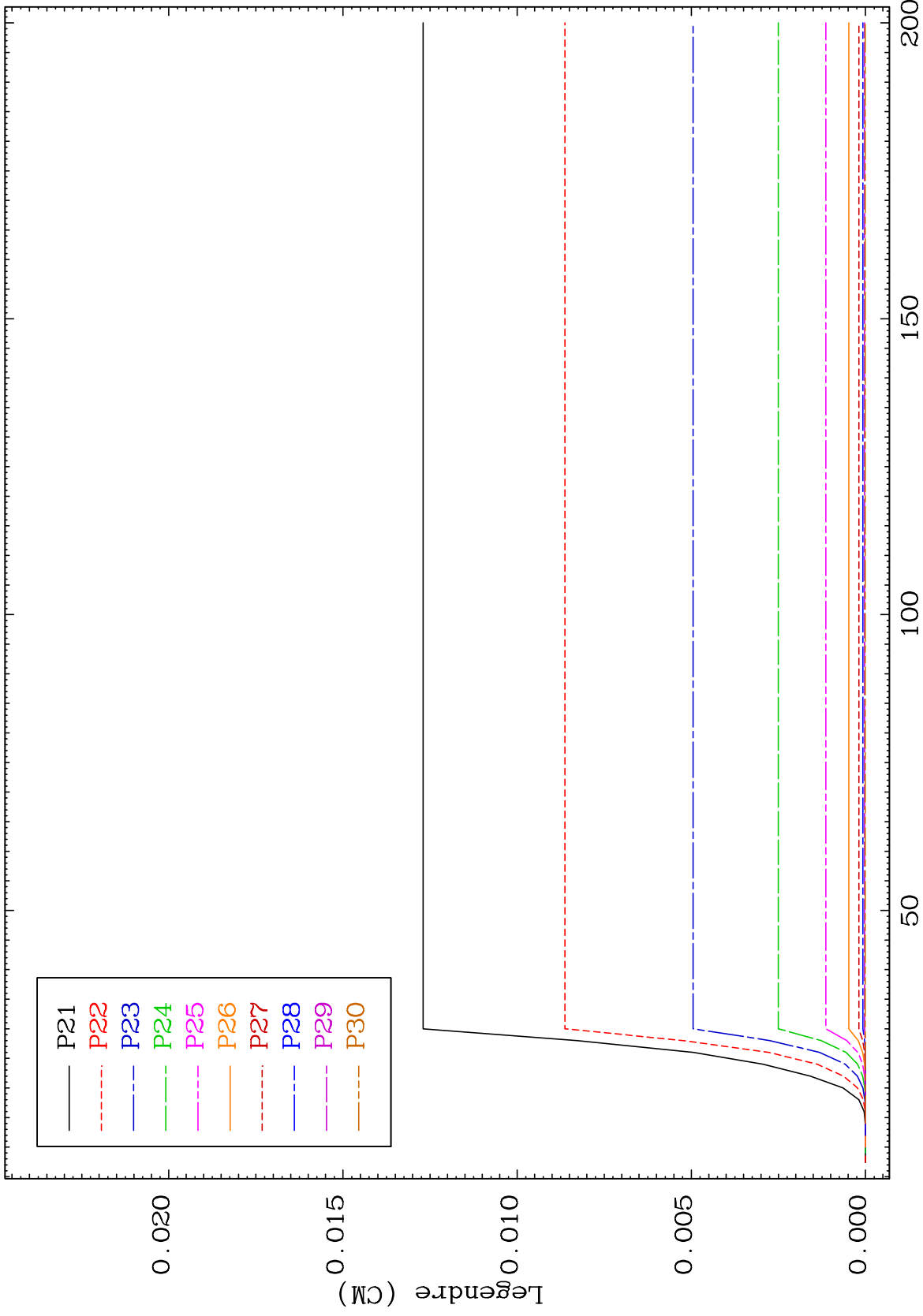
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33

Incident Energy (MeV)

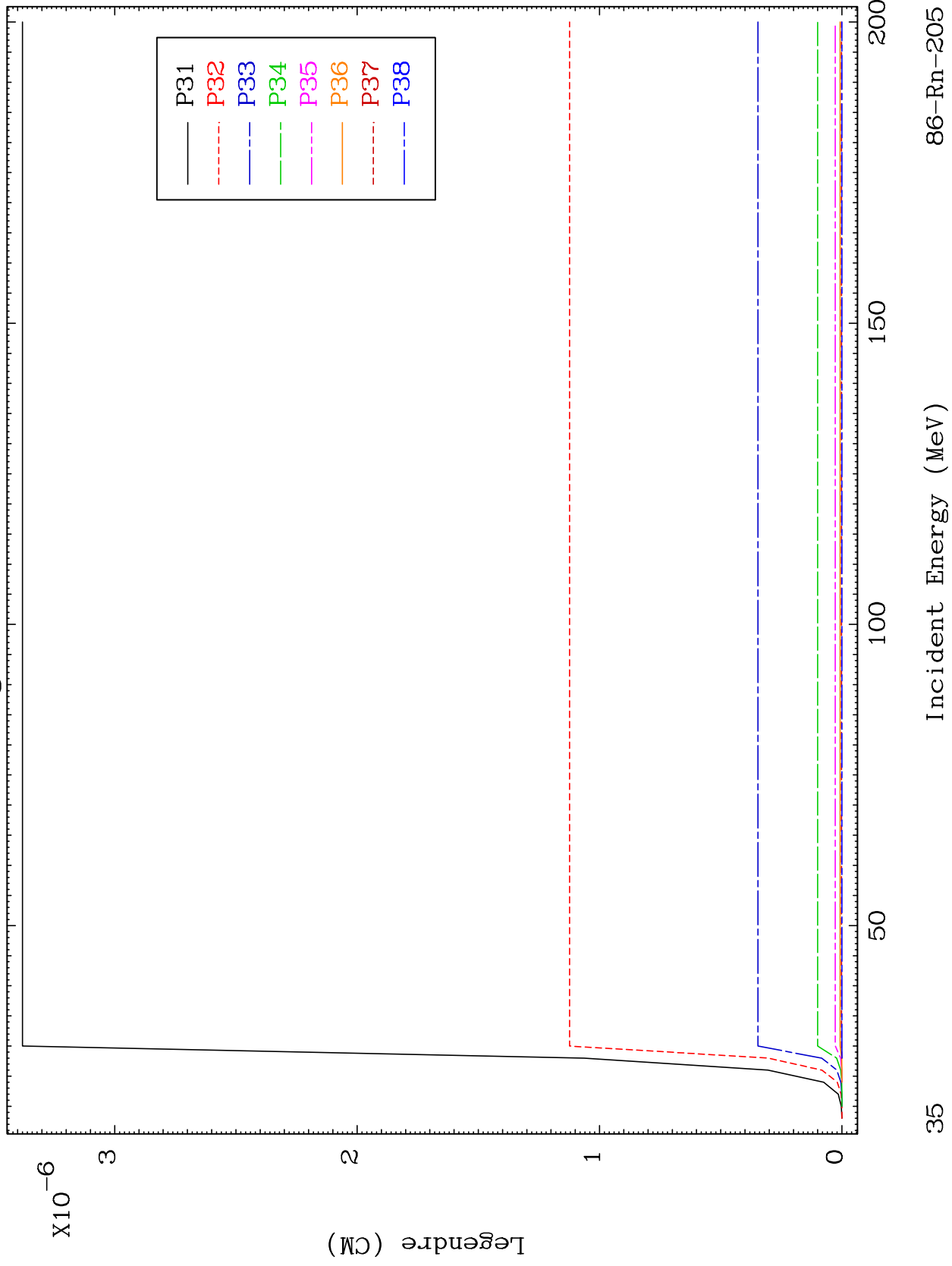
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MAT 8607

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

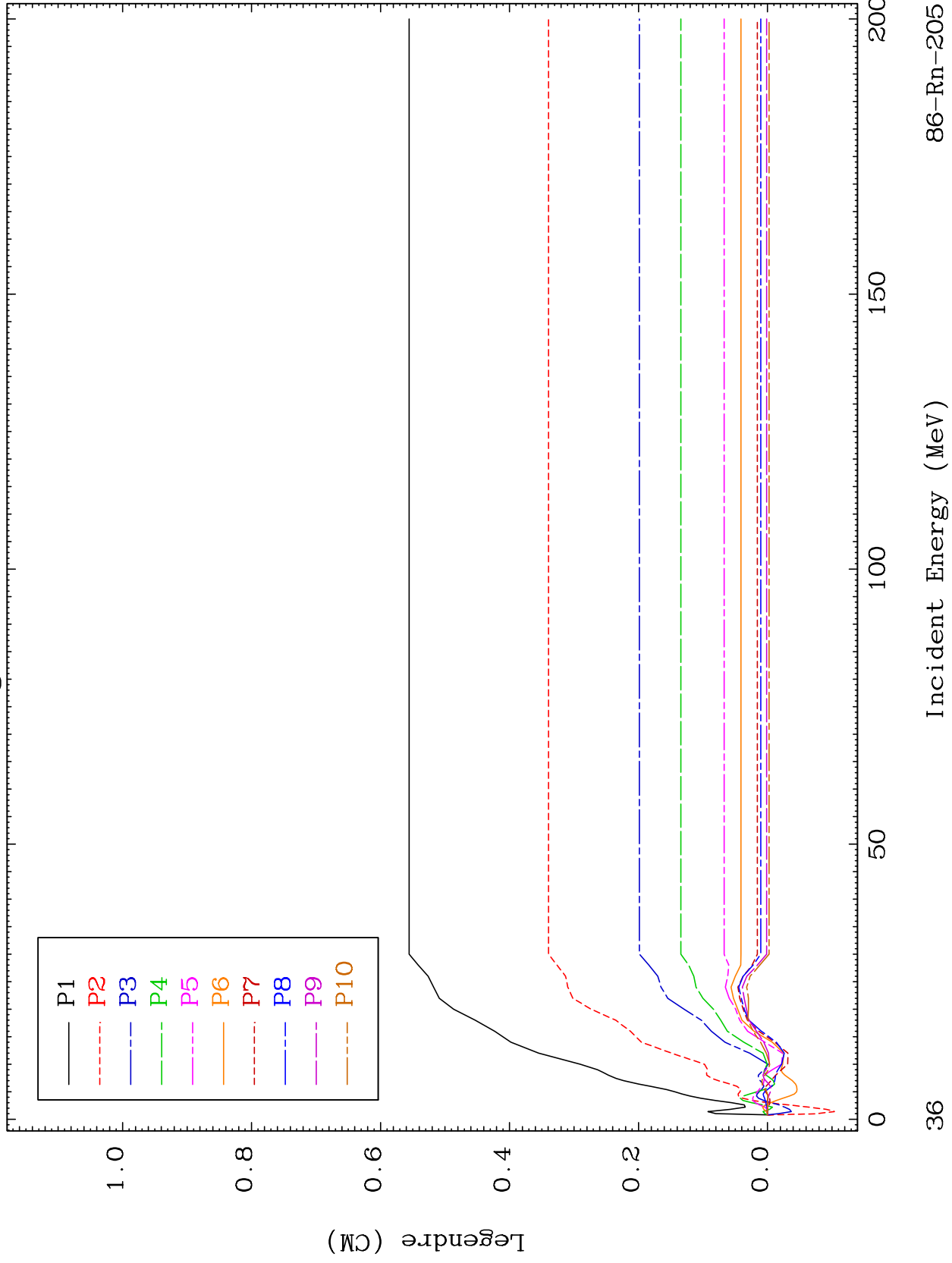
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

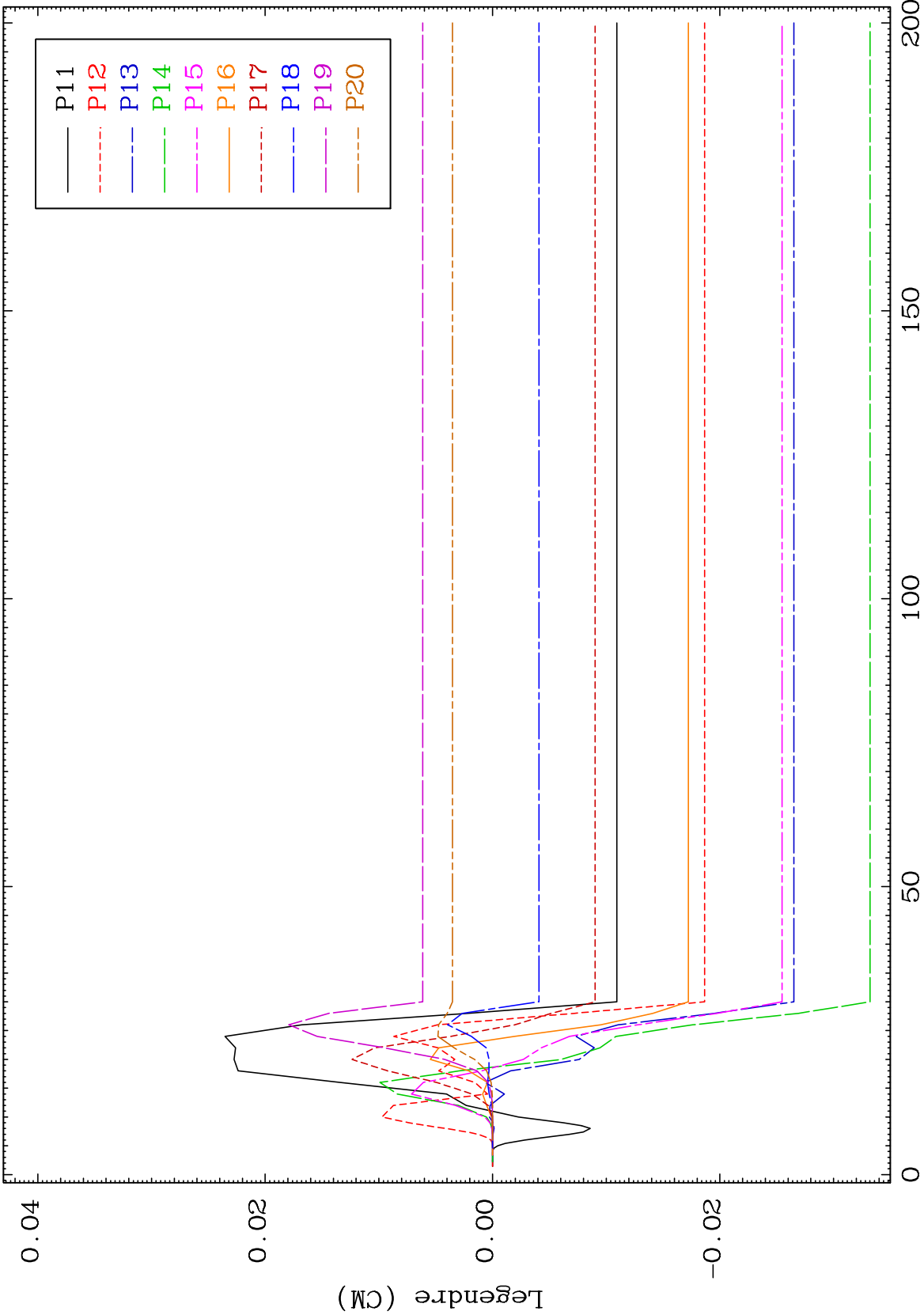
Incident Energy (MeV)

36

MAT 8607

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

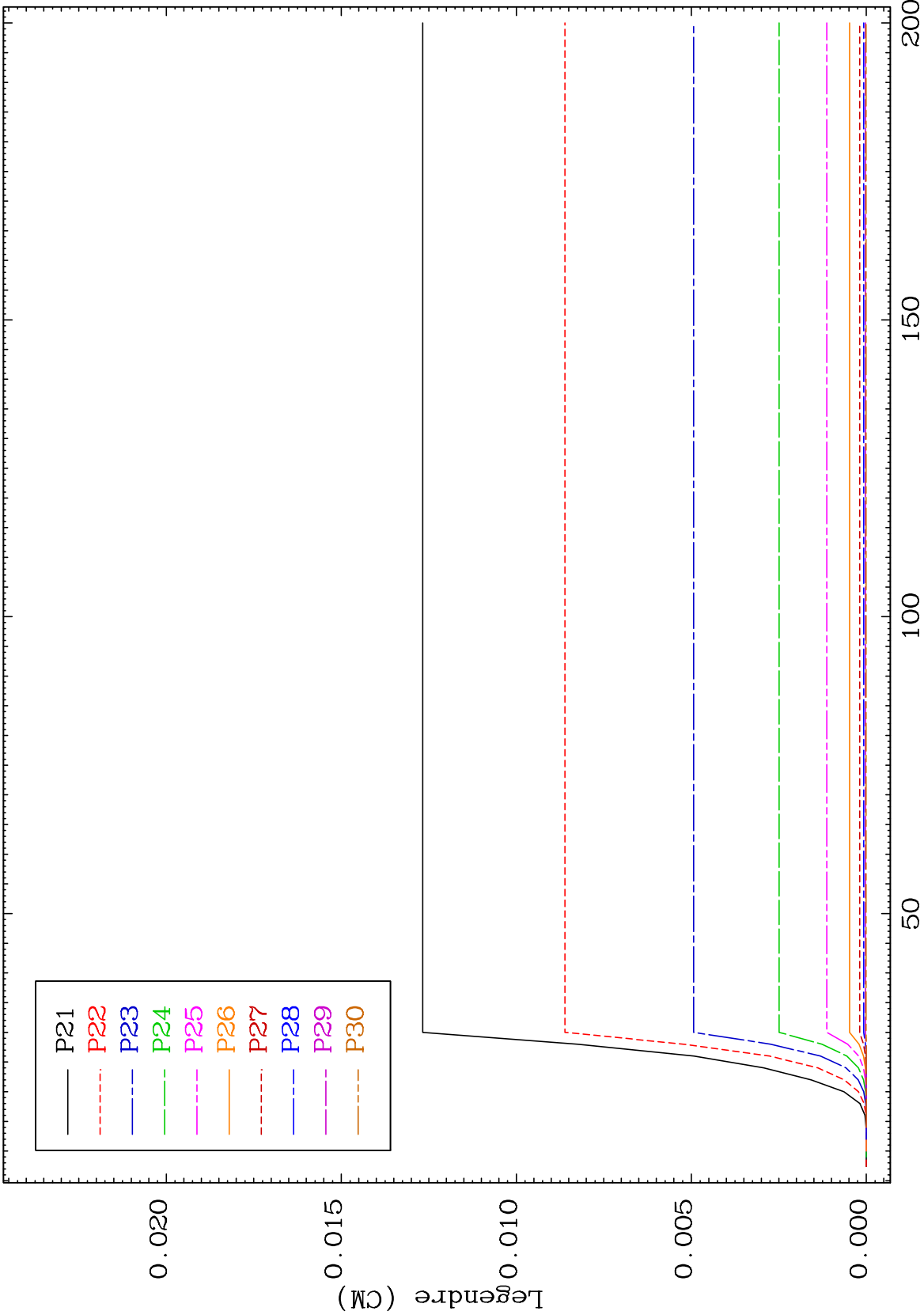
86-Rn-205



37

Incident Energy (MeV)

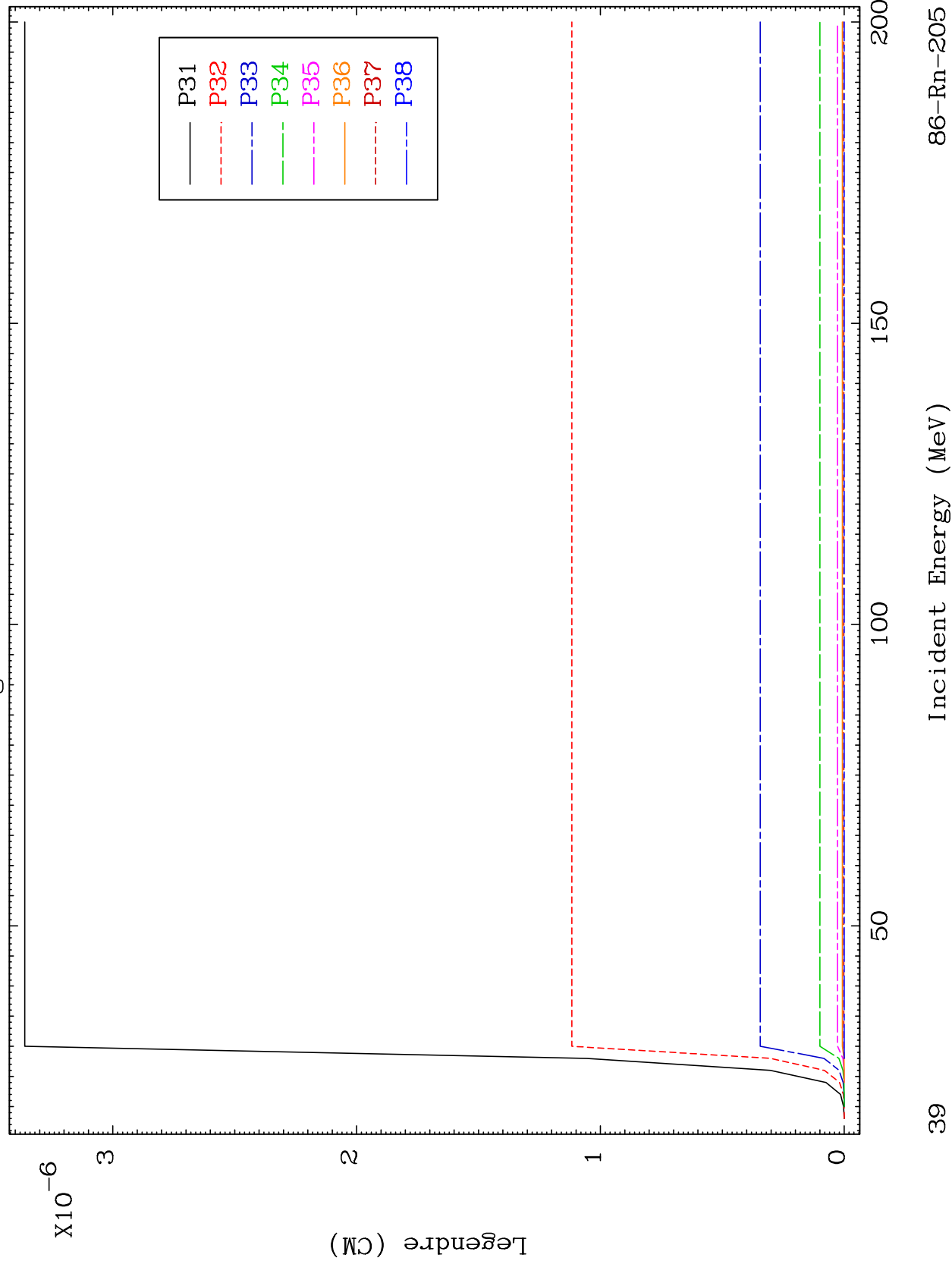
86-Rn-205



MAT 8607

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

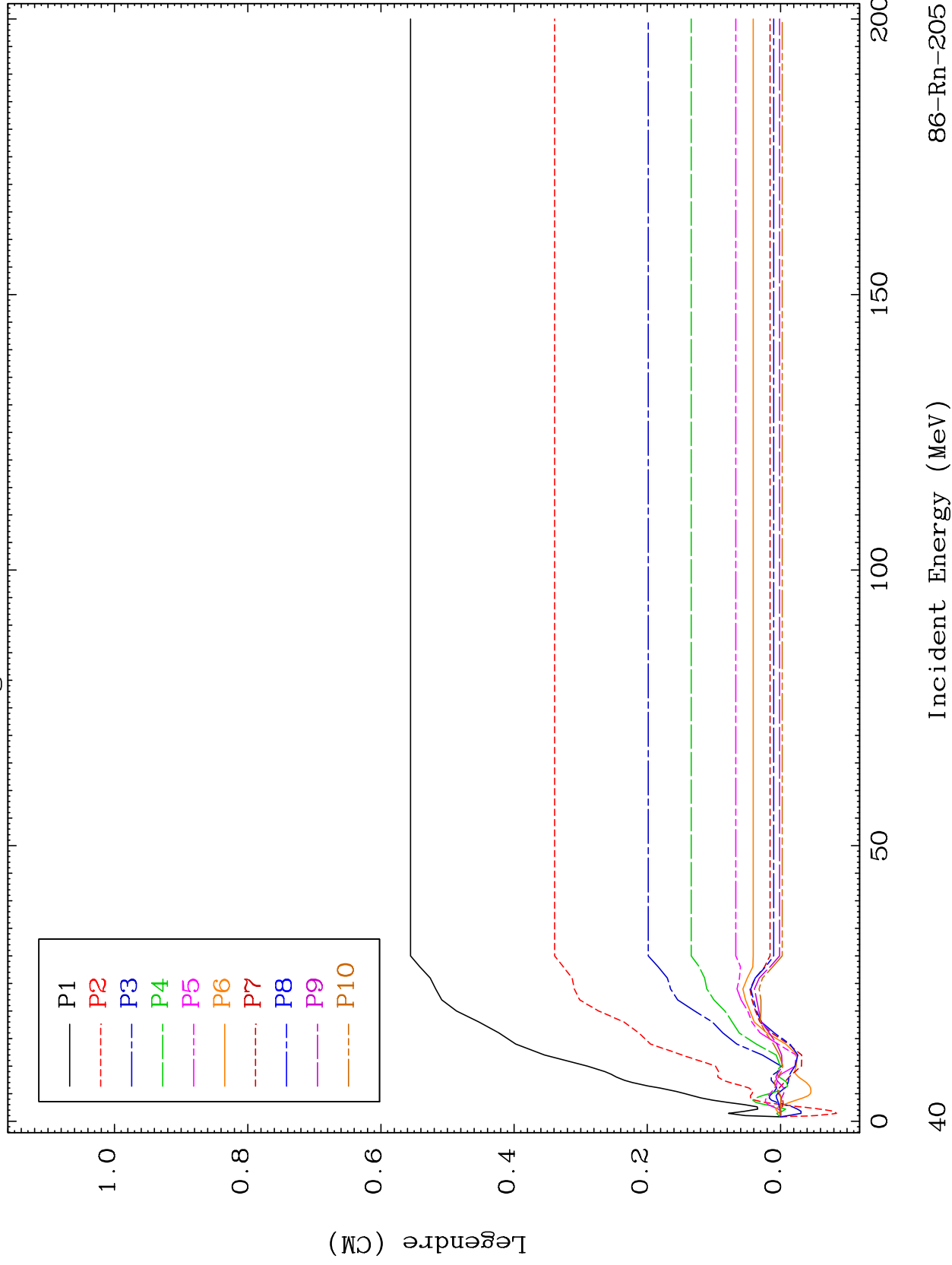
86-Rn-205



MAT 8607

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

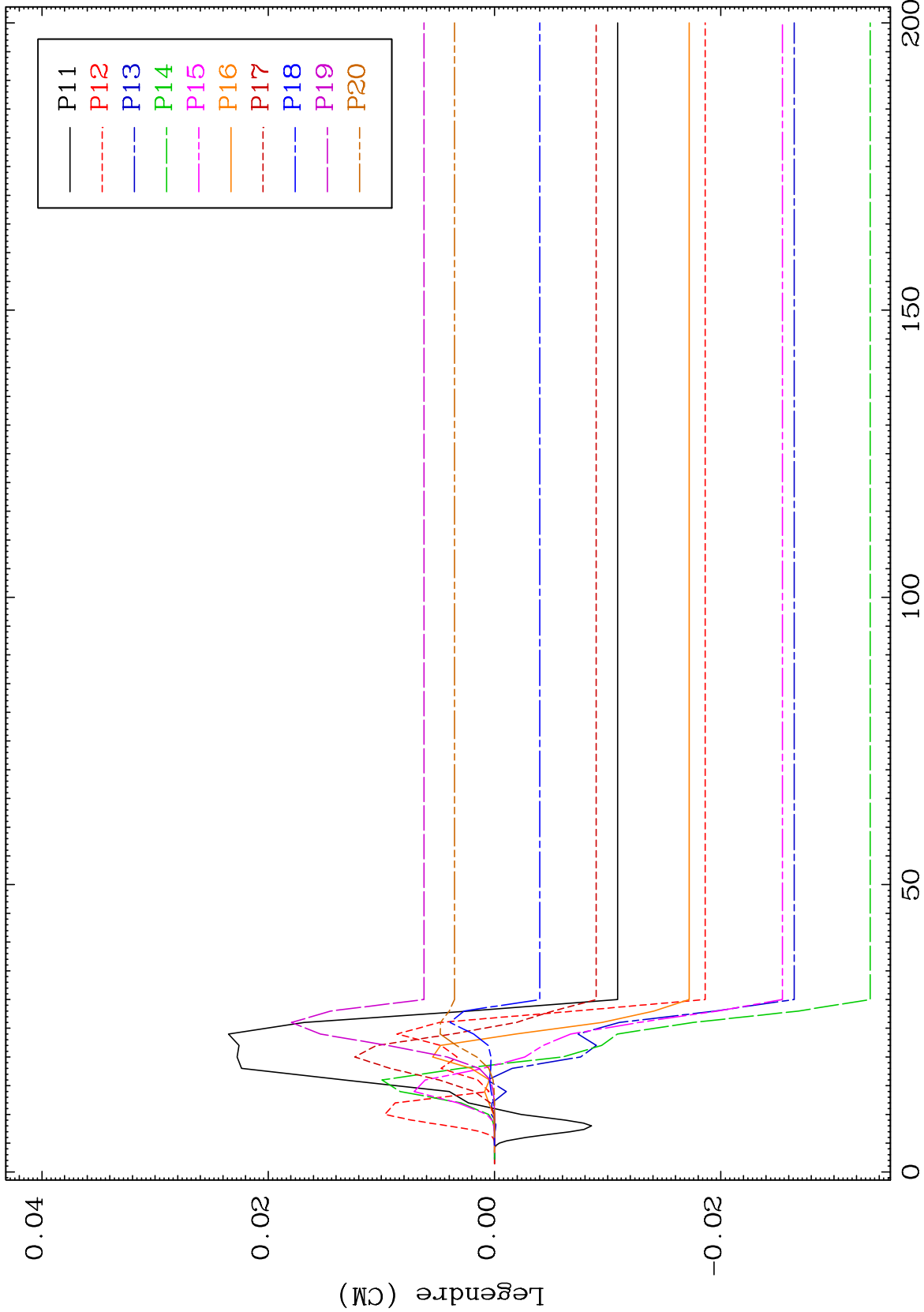
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MAT 8607

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

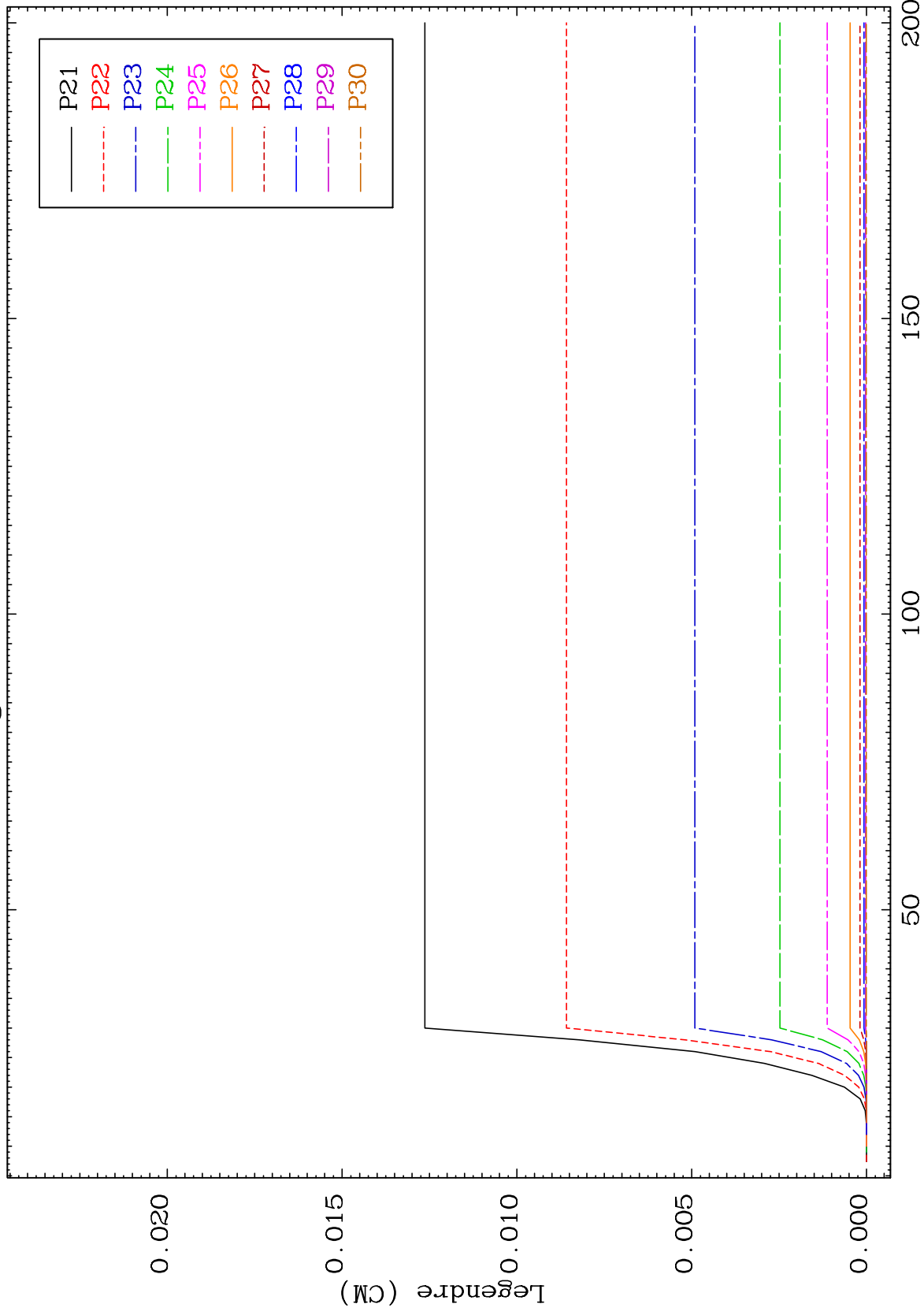
86-Rn-205



MAT 8607

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

86-Rn-205



42

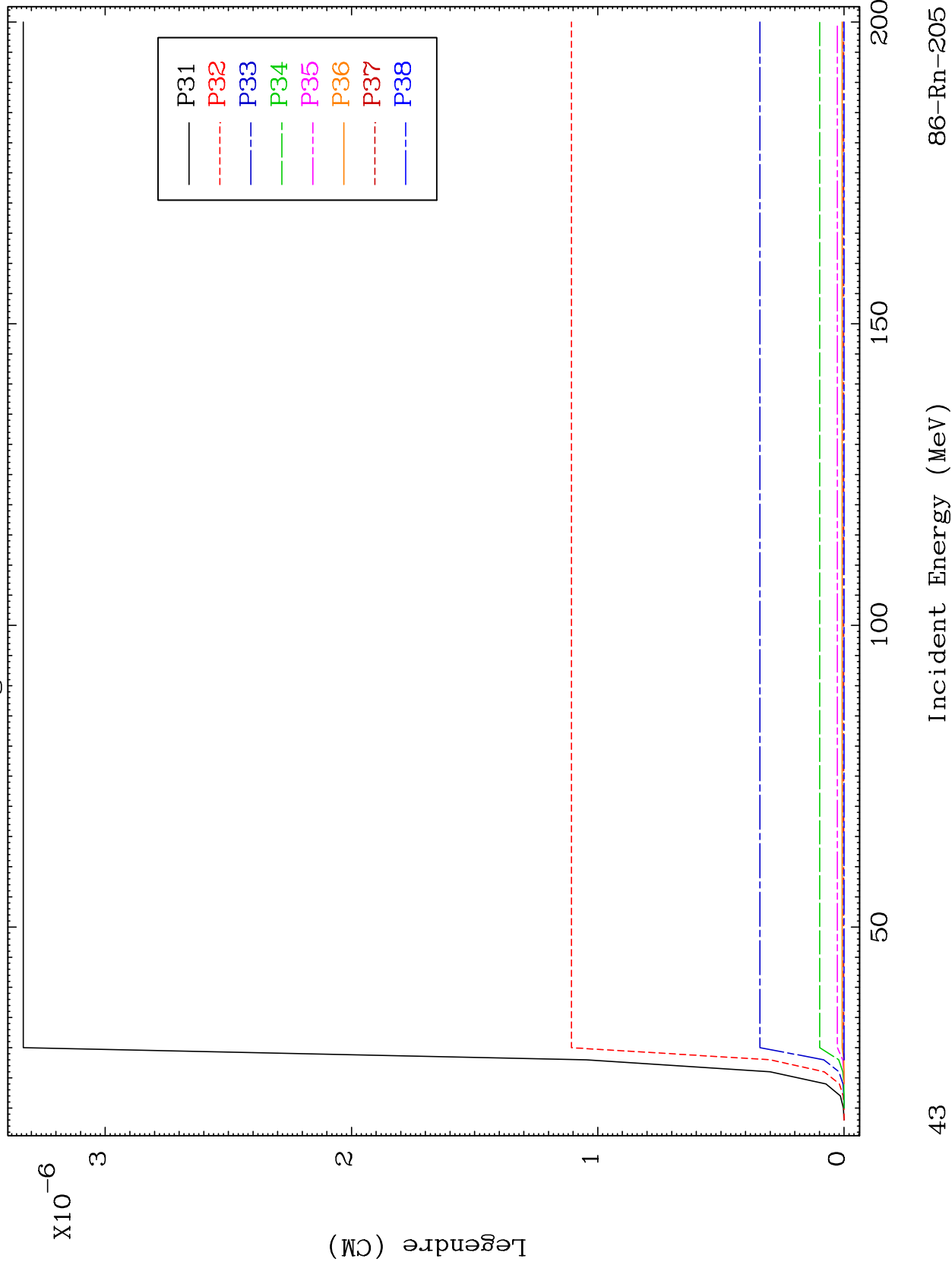
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

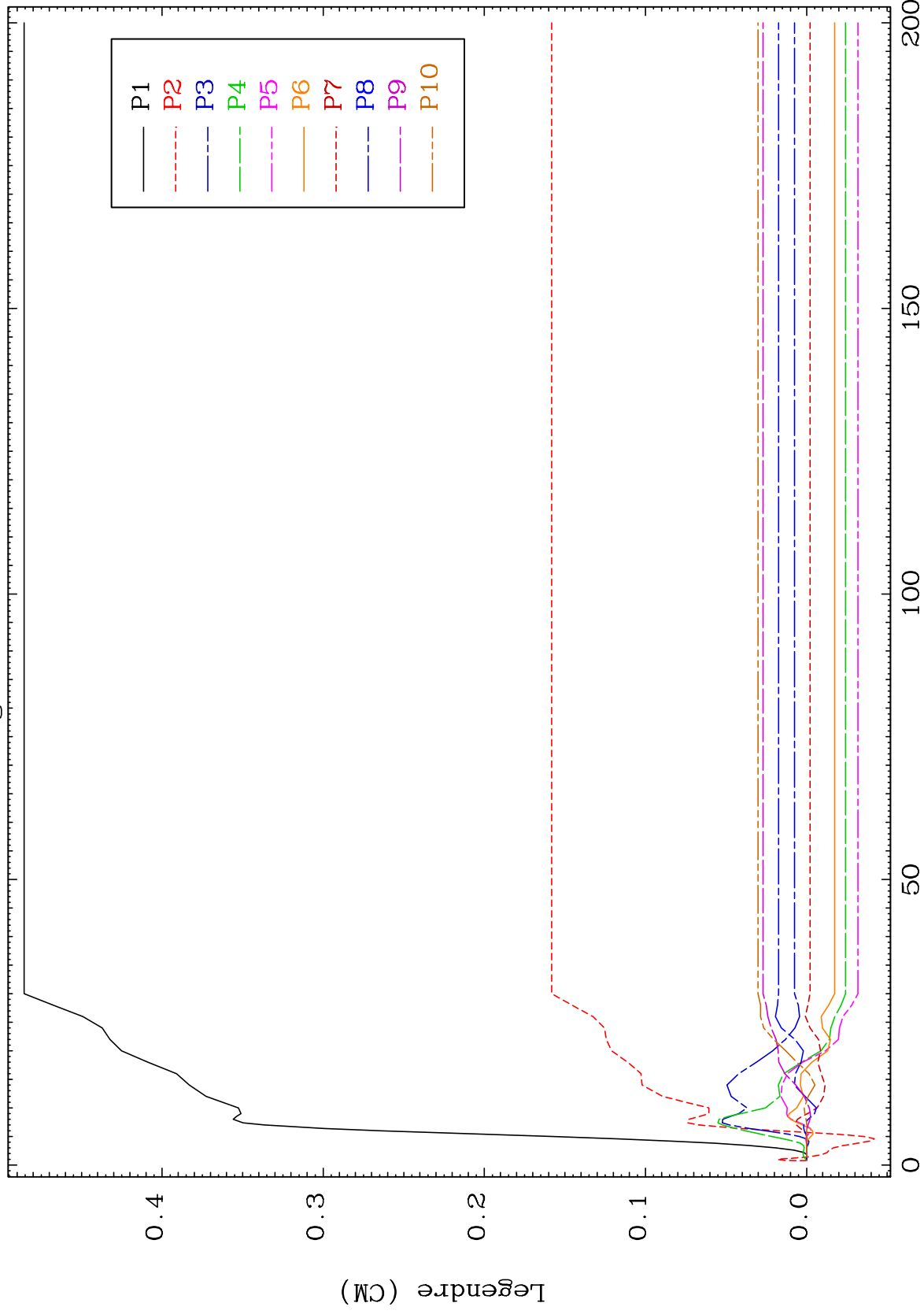
86-Rn-205



MAT 8607

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

86-Rn-205



44

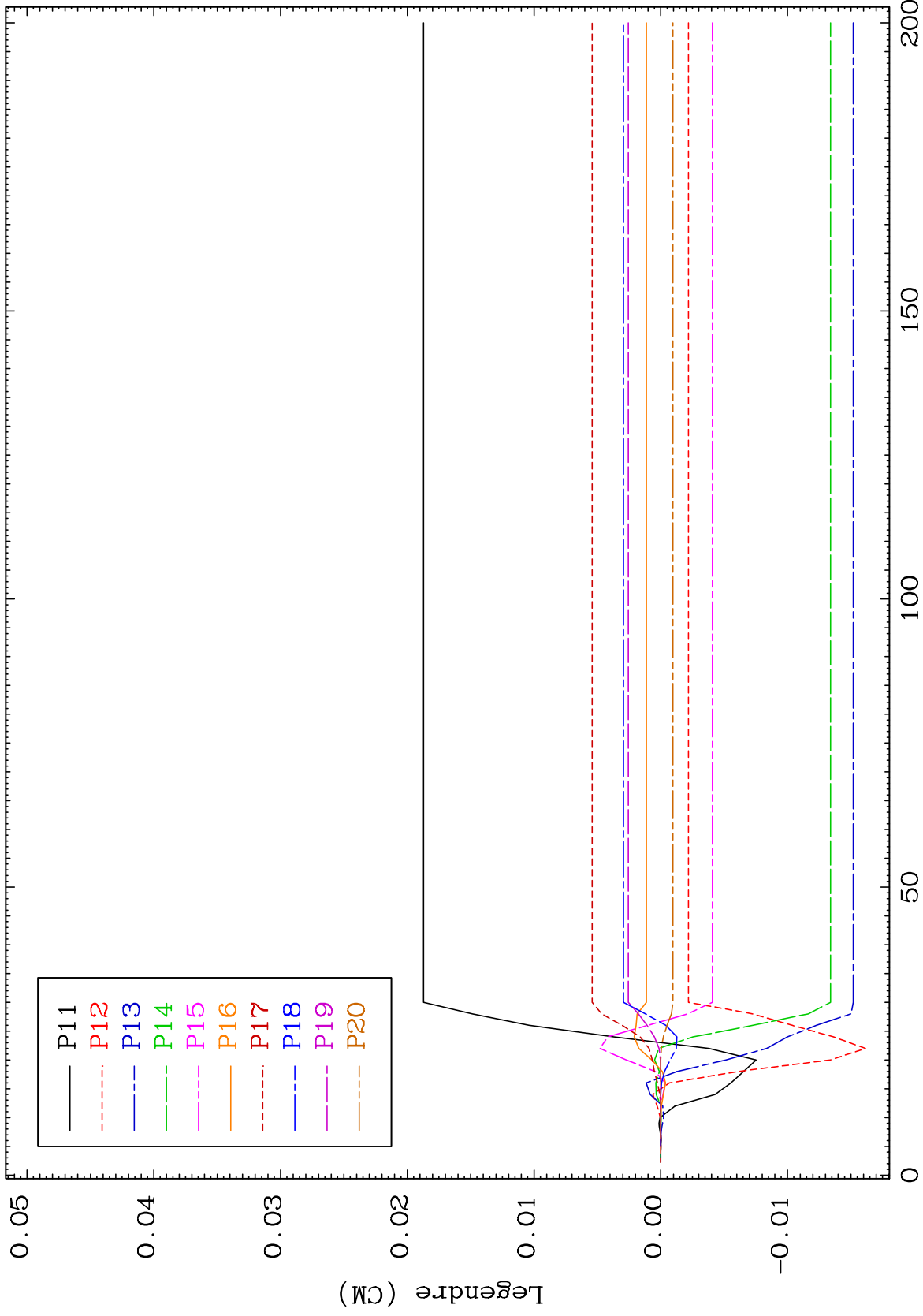
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



45

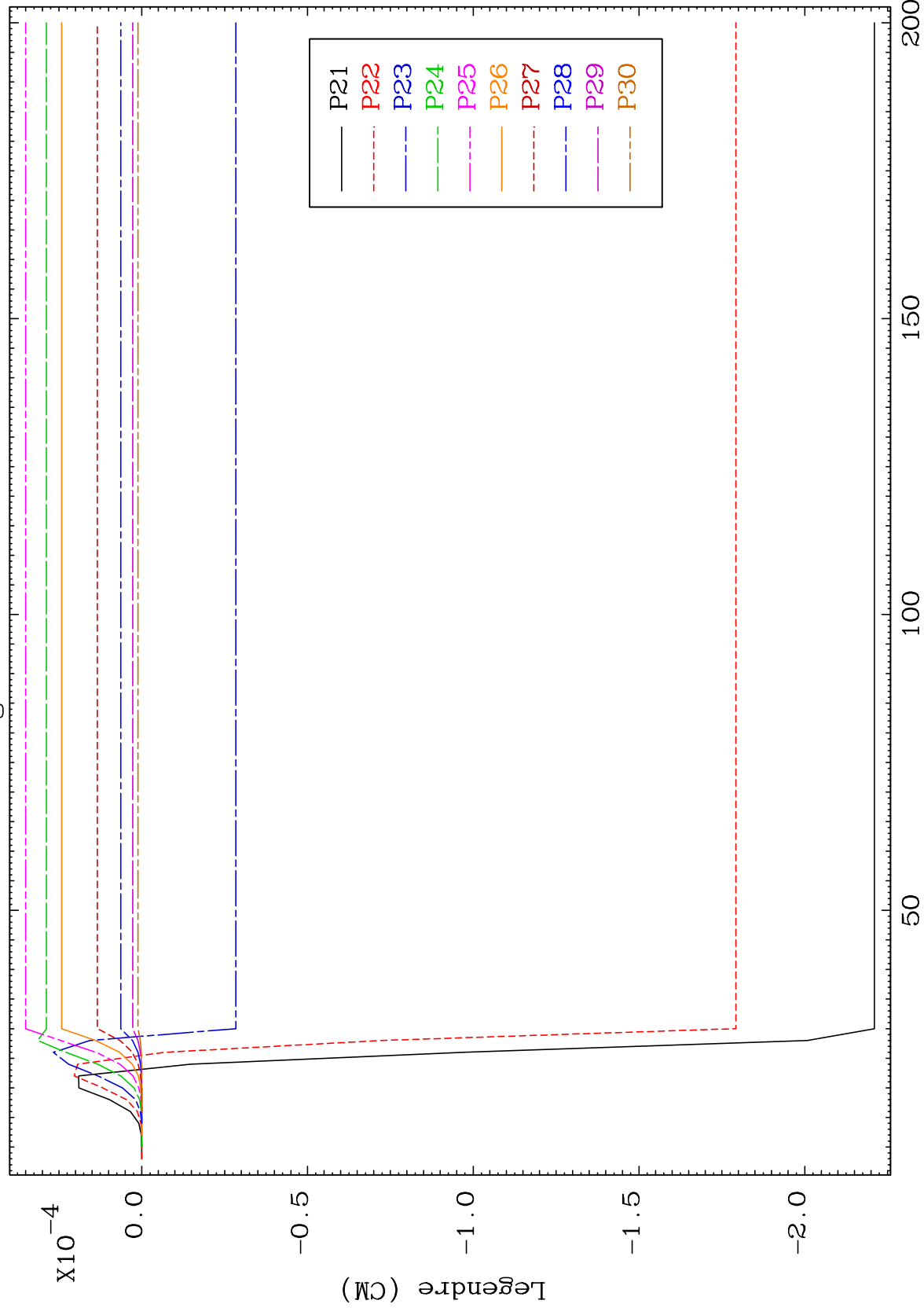
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



46

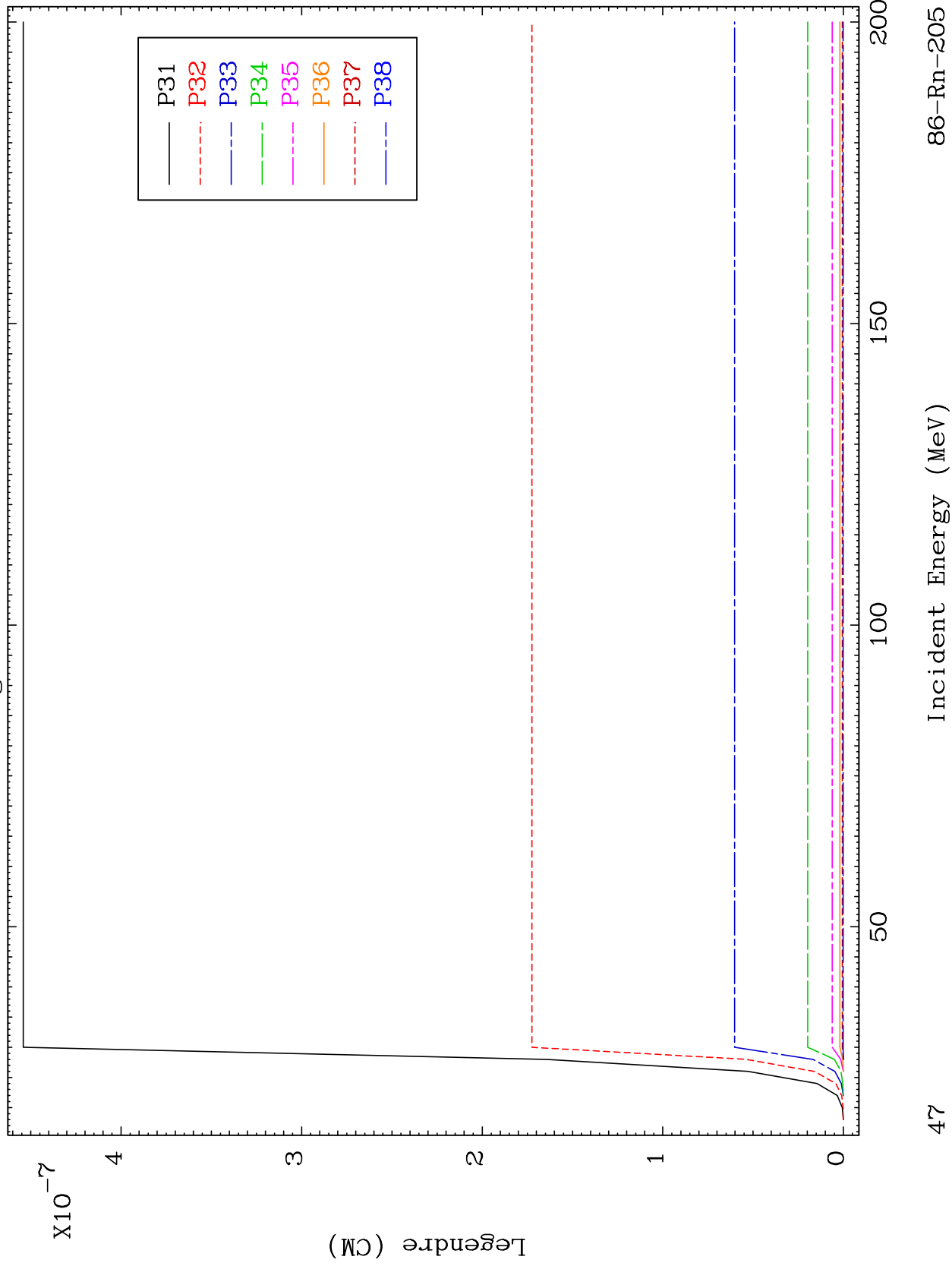
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

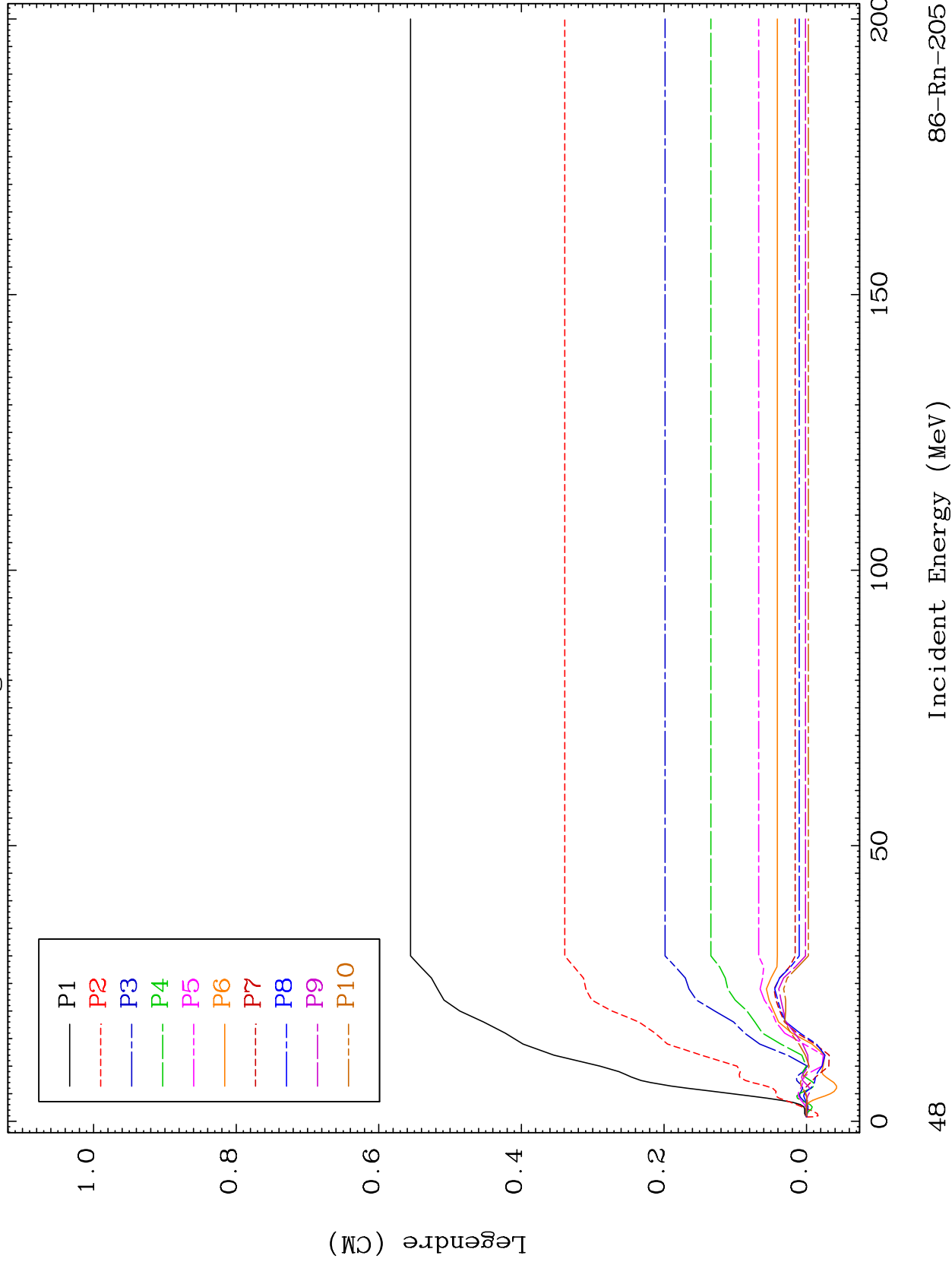
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

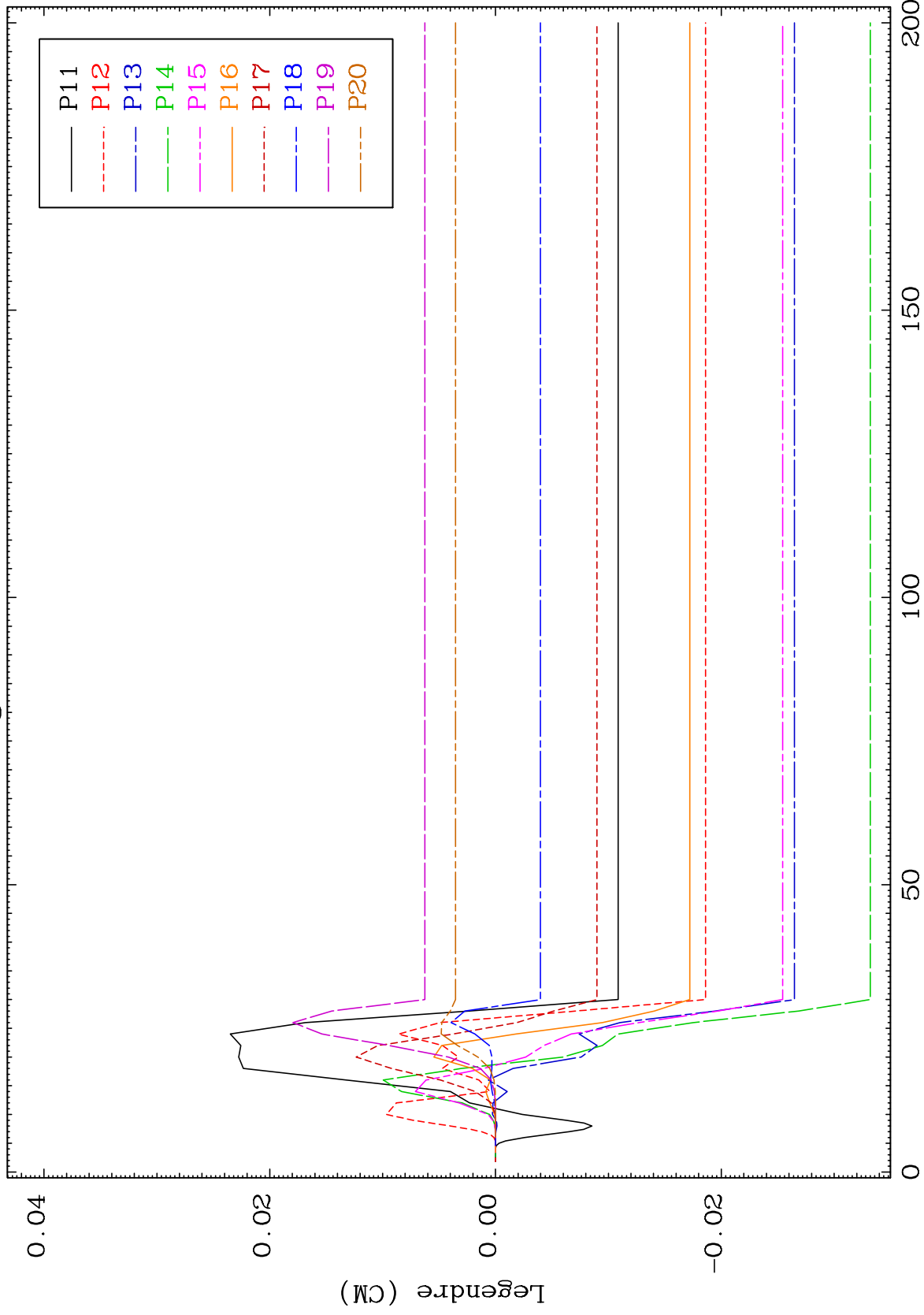
Incident Energy (MeV)

48

MAT 8607

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

86-Rn-205



49

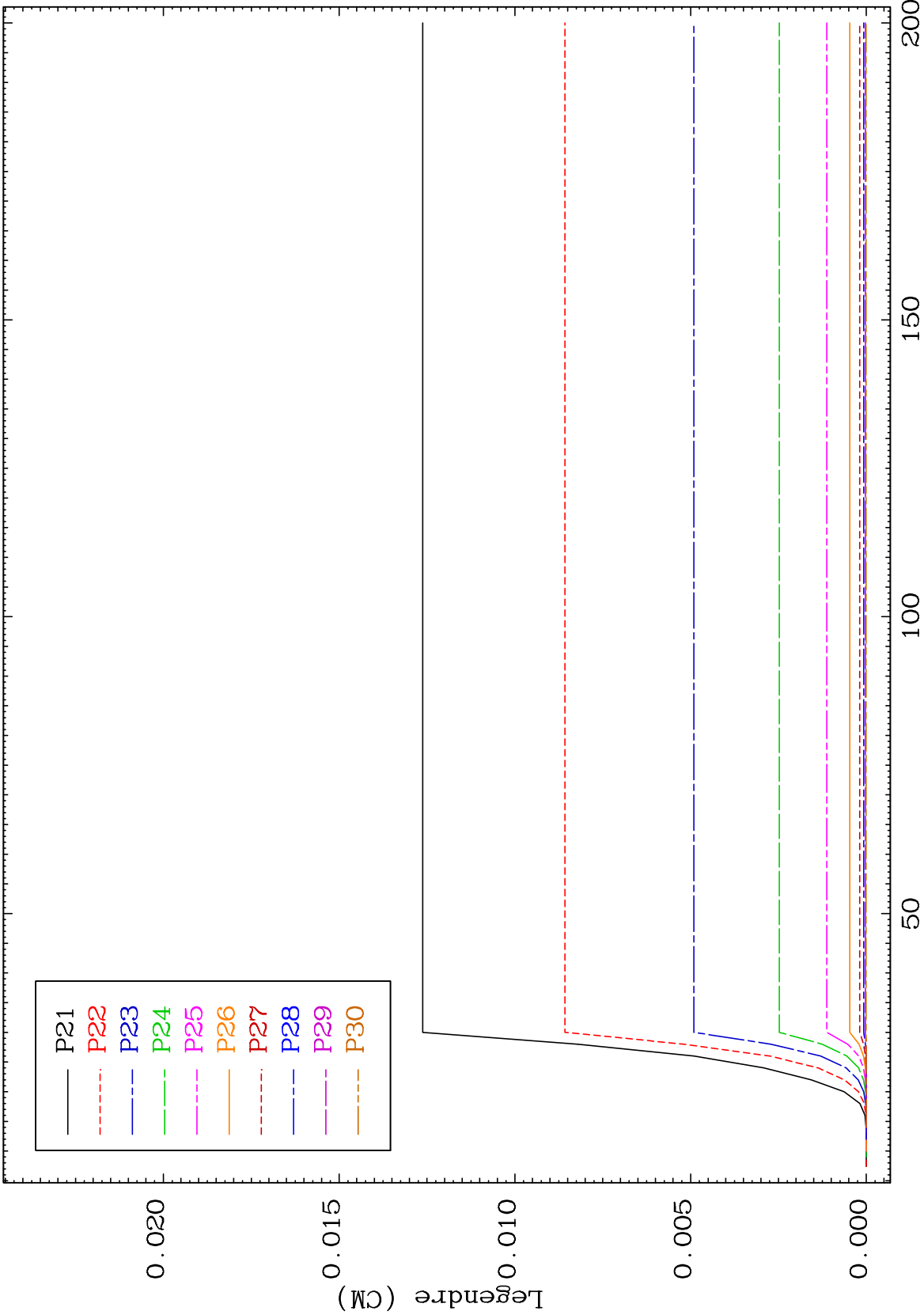
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



50

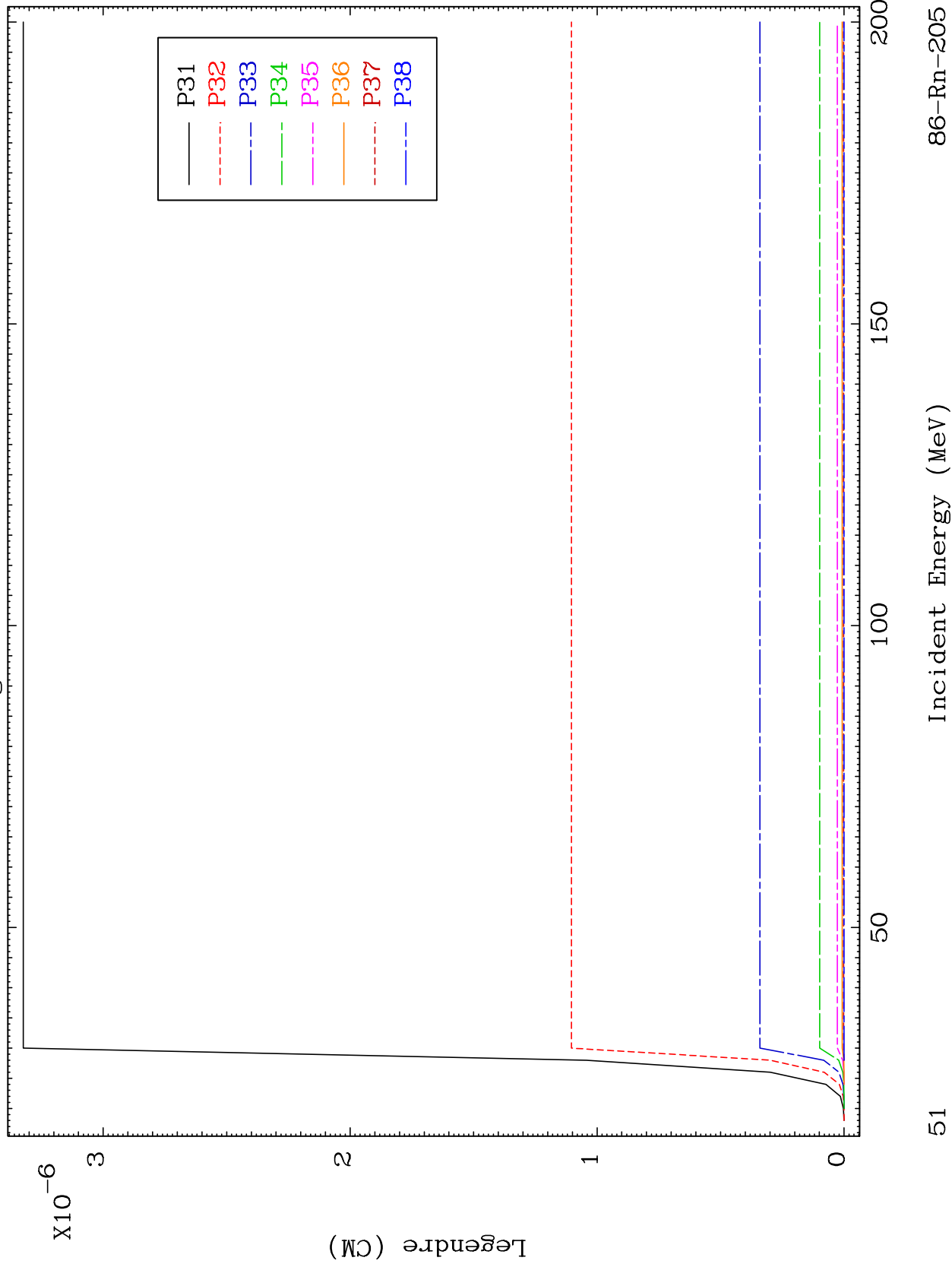
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205

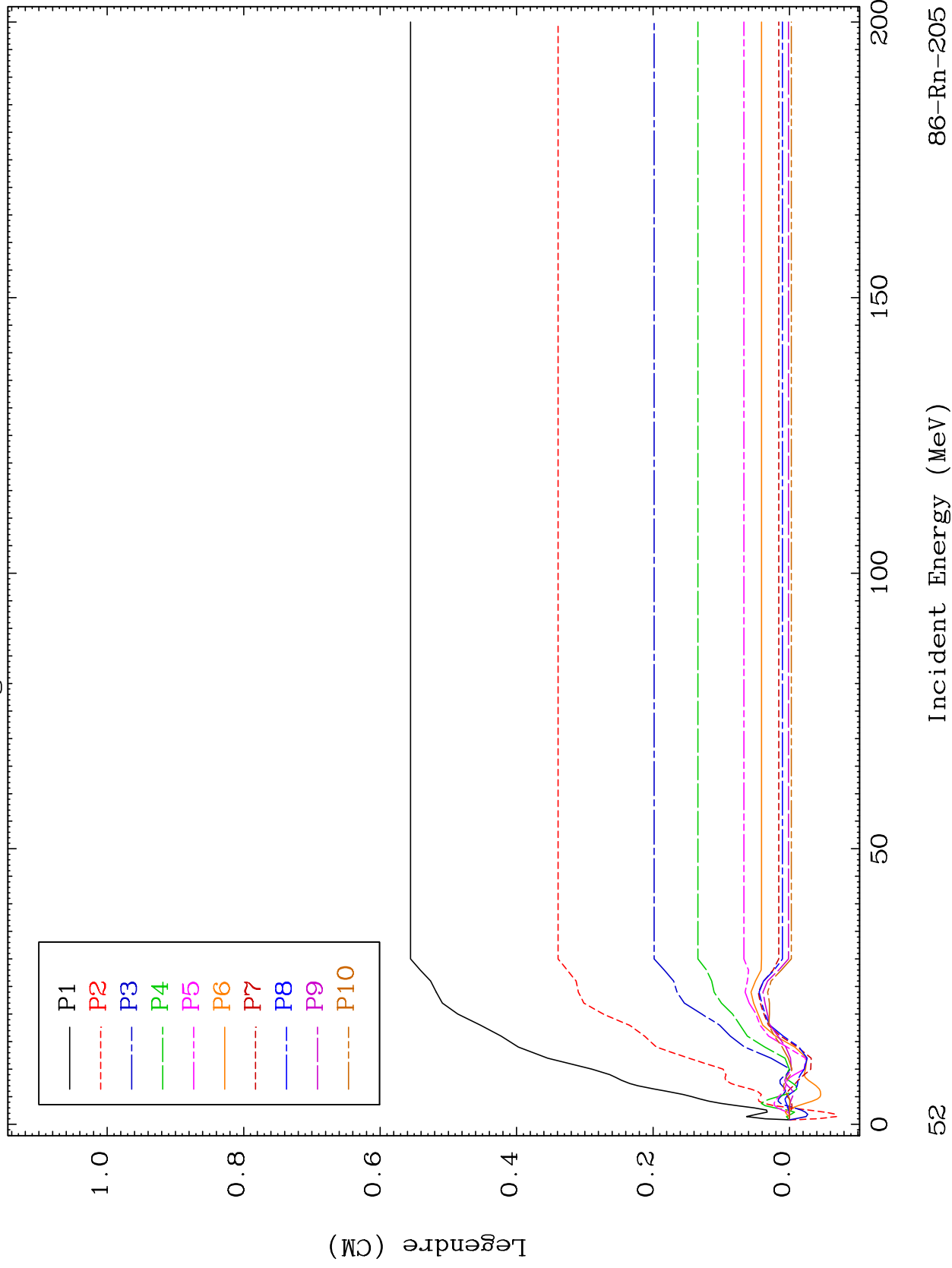


51

MAT 8607

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

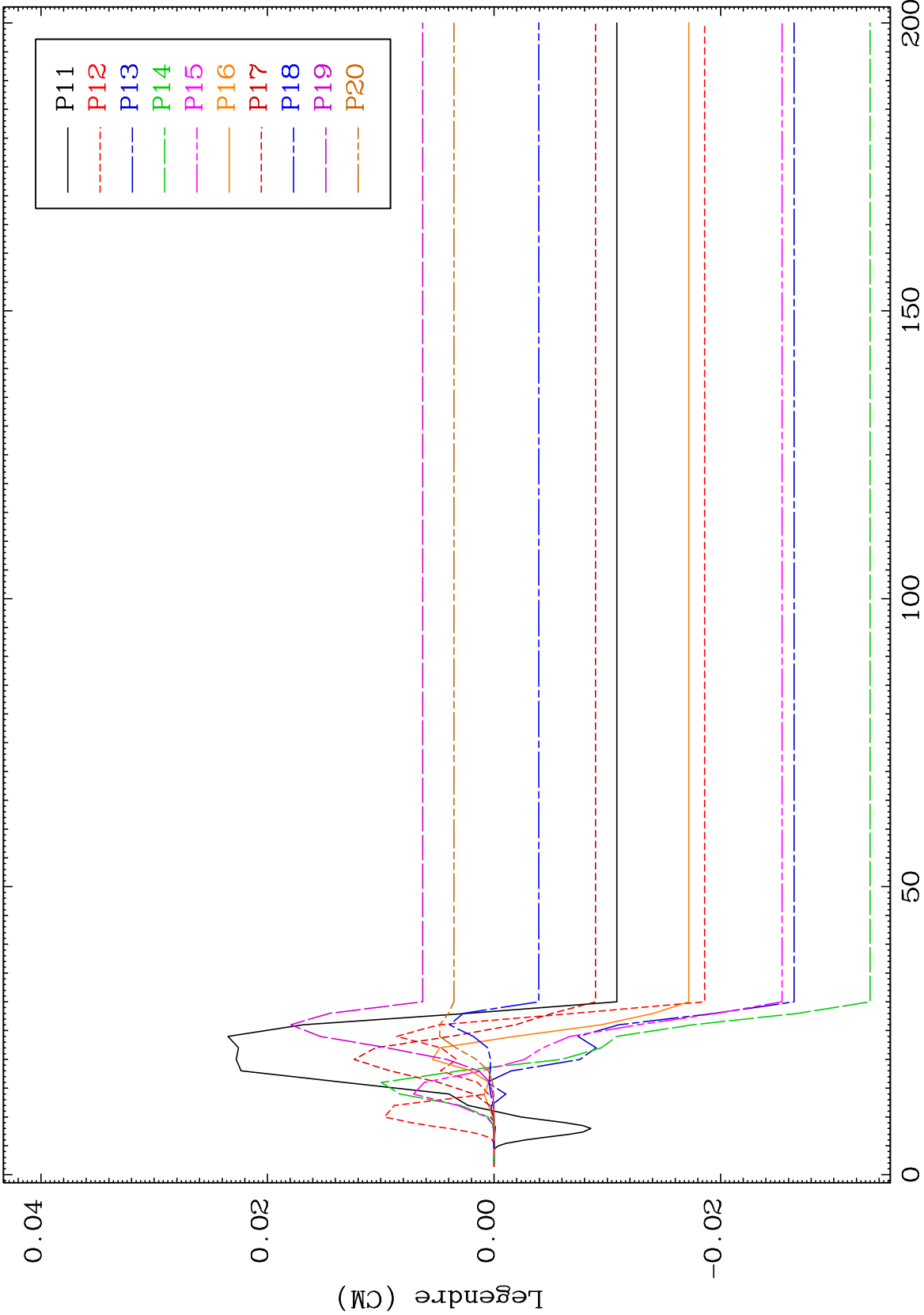
86-Rn-205



MAT 8607

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

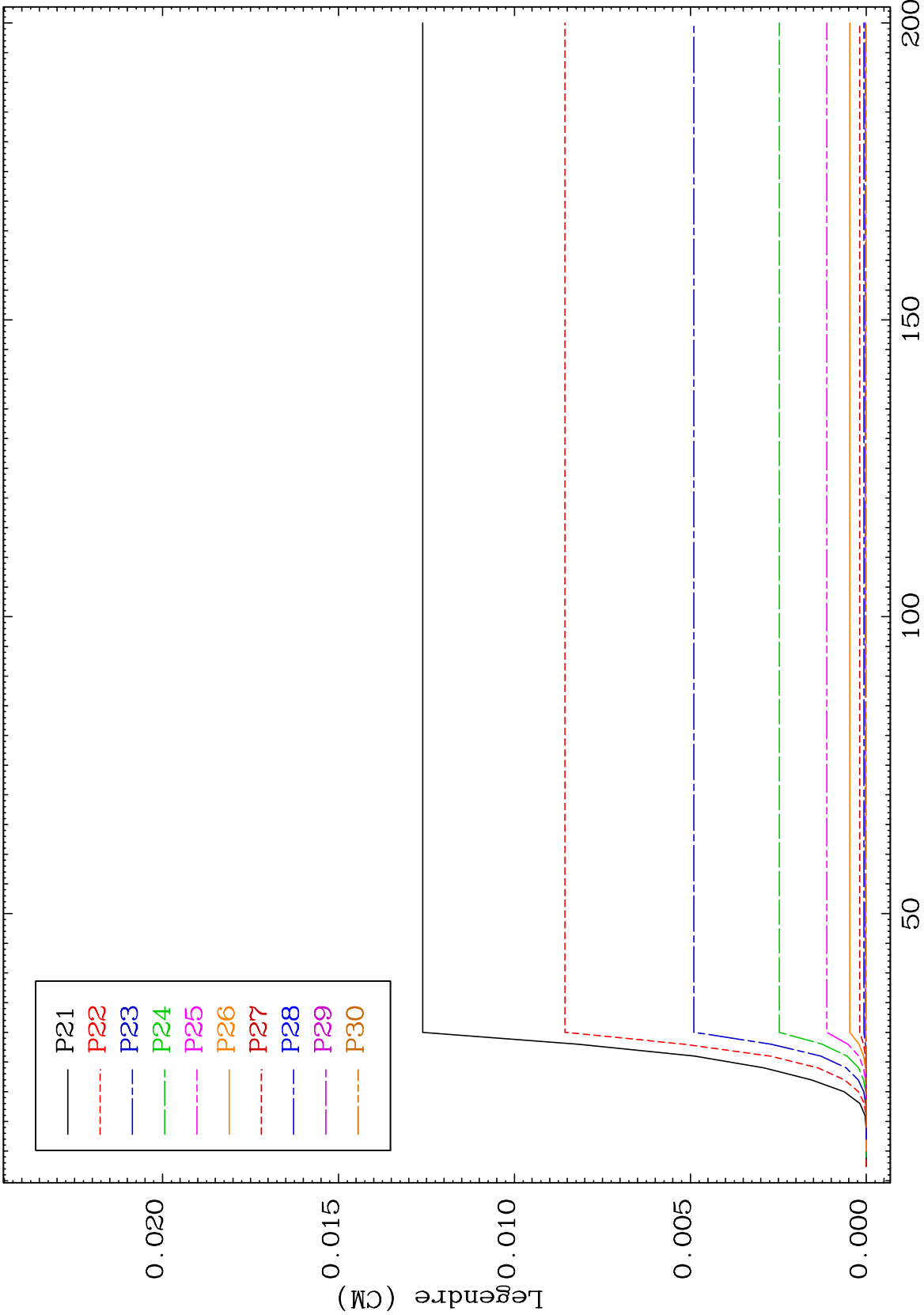
86-Rn-205



53

Incident Energy (MeV)

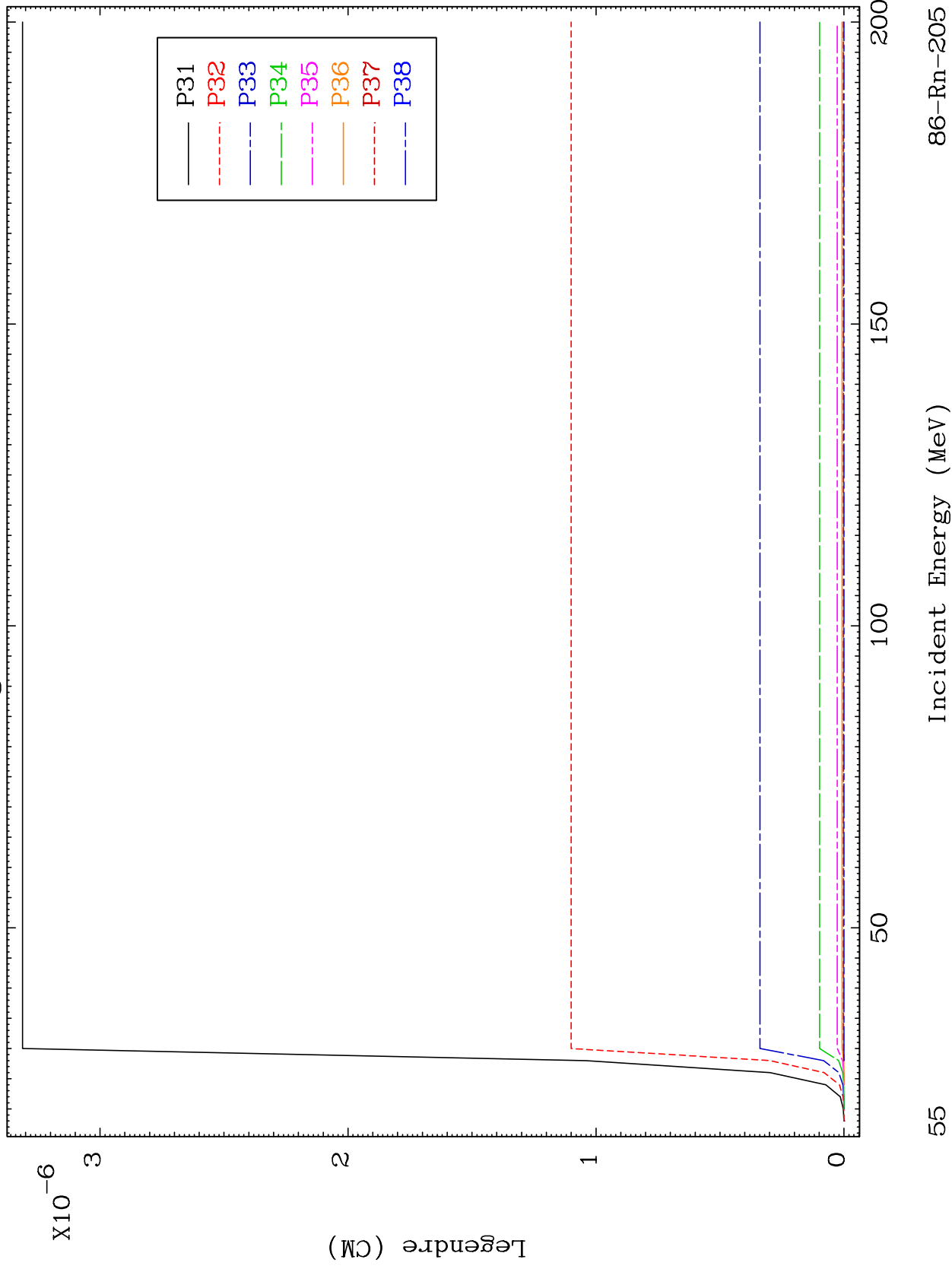
86-Rn-205



MAT 8607

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

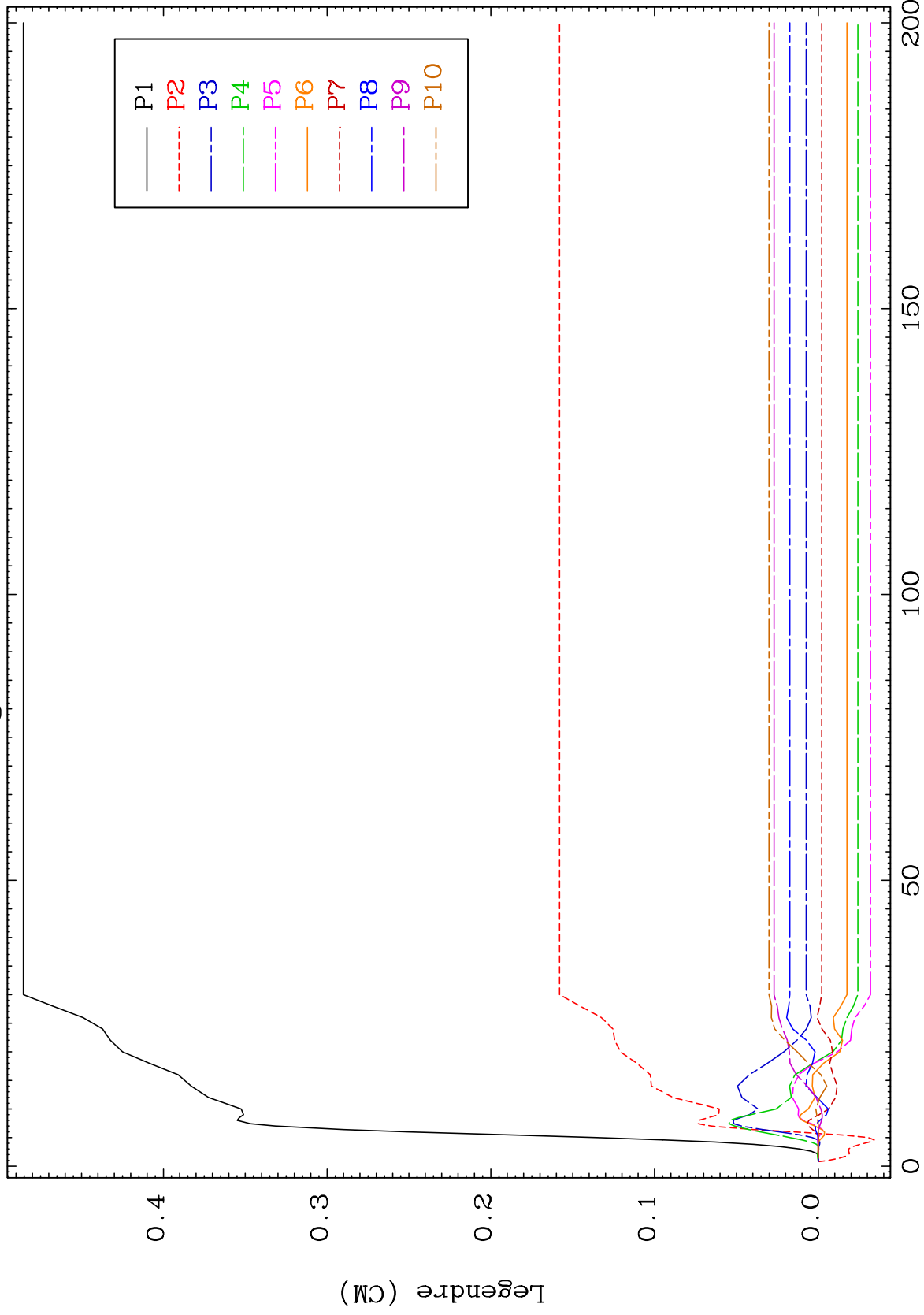
86-Rn-205



MAT 8607

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

86-Rn-205



56

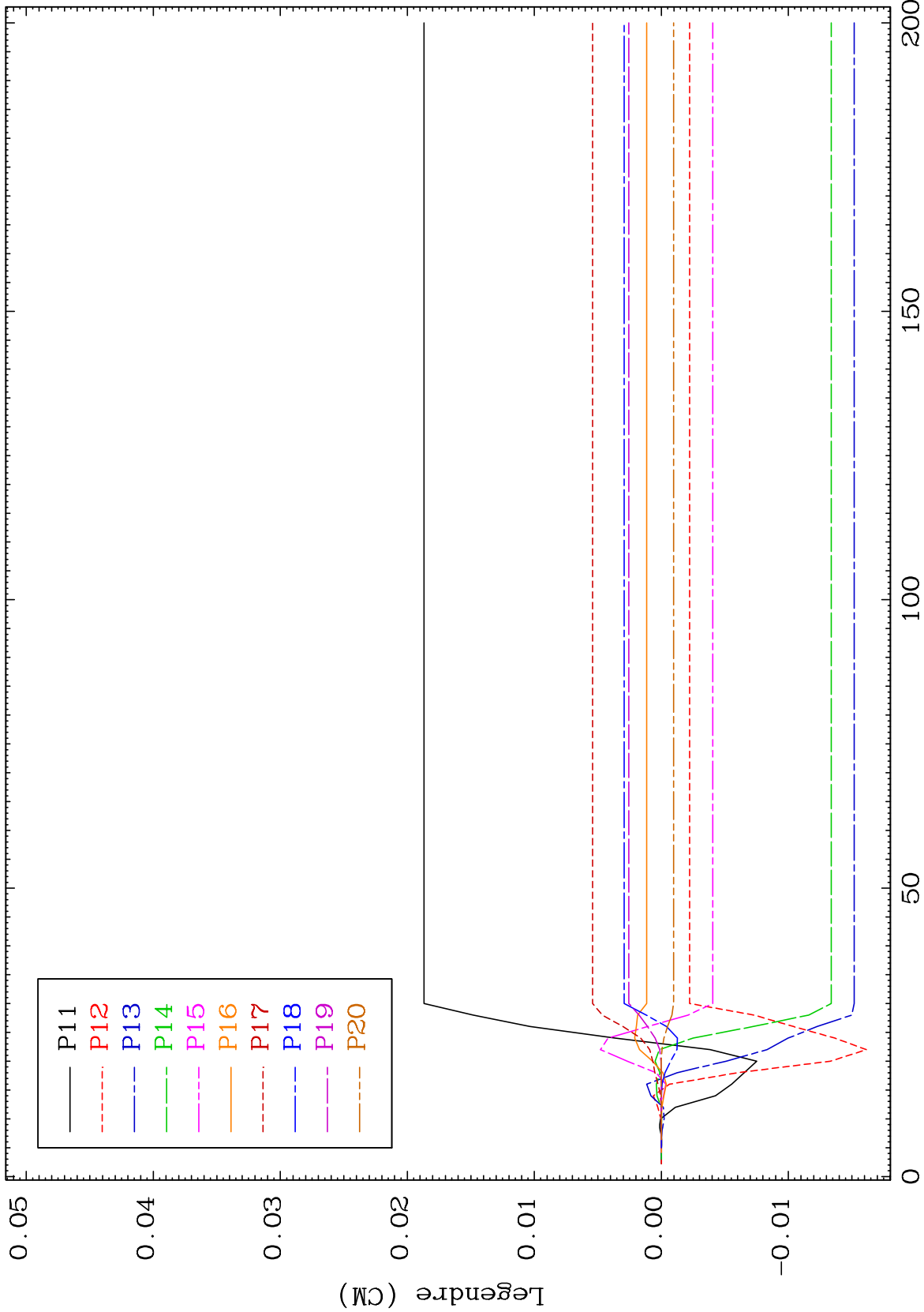
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



57

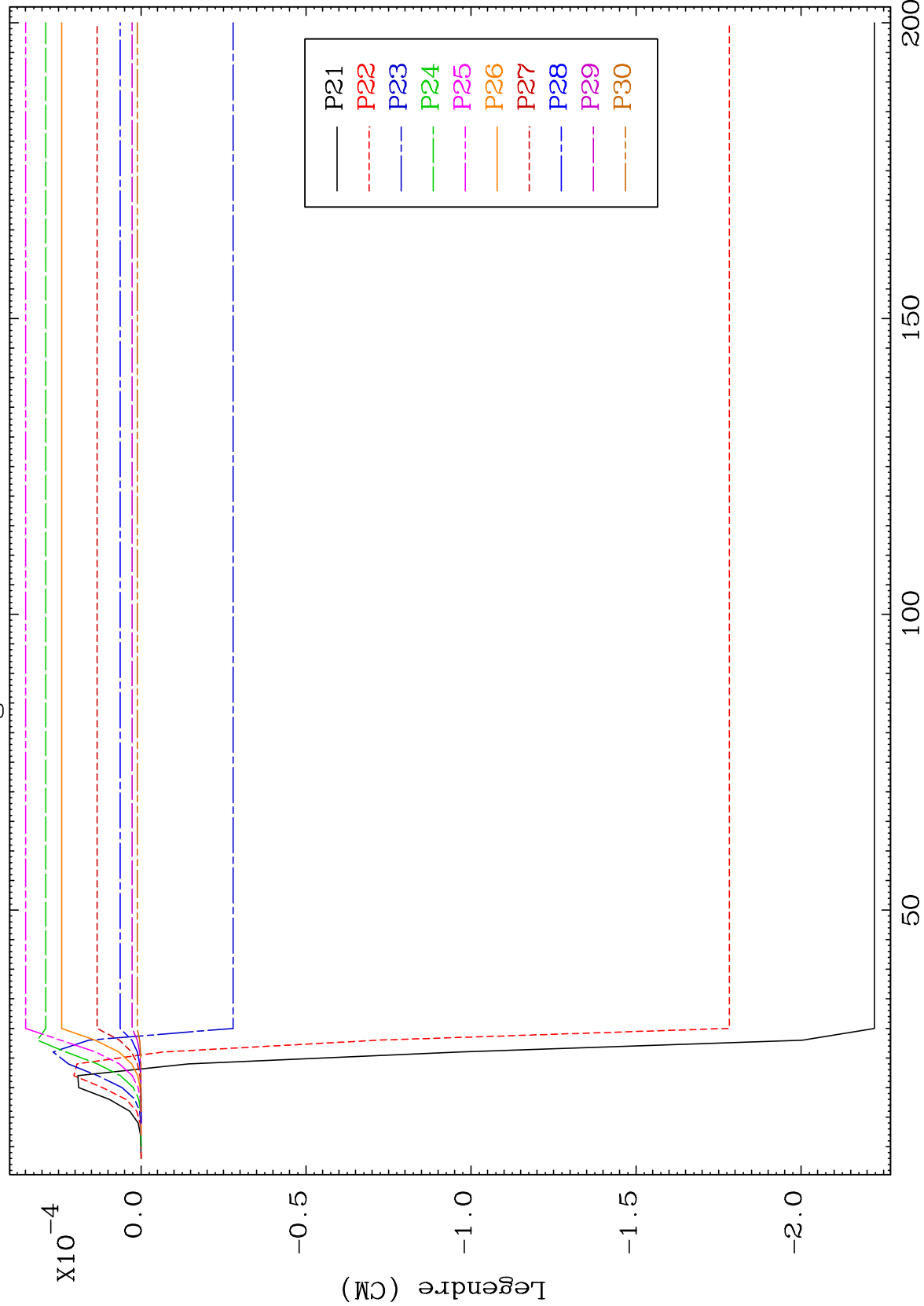
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



58

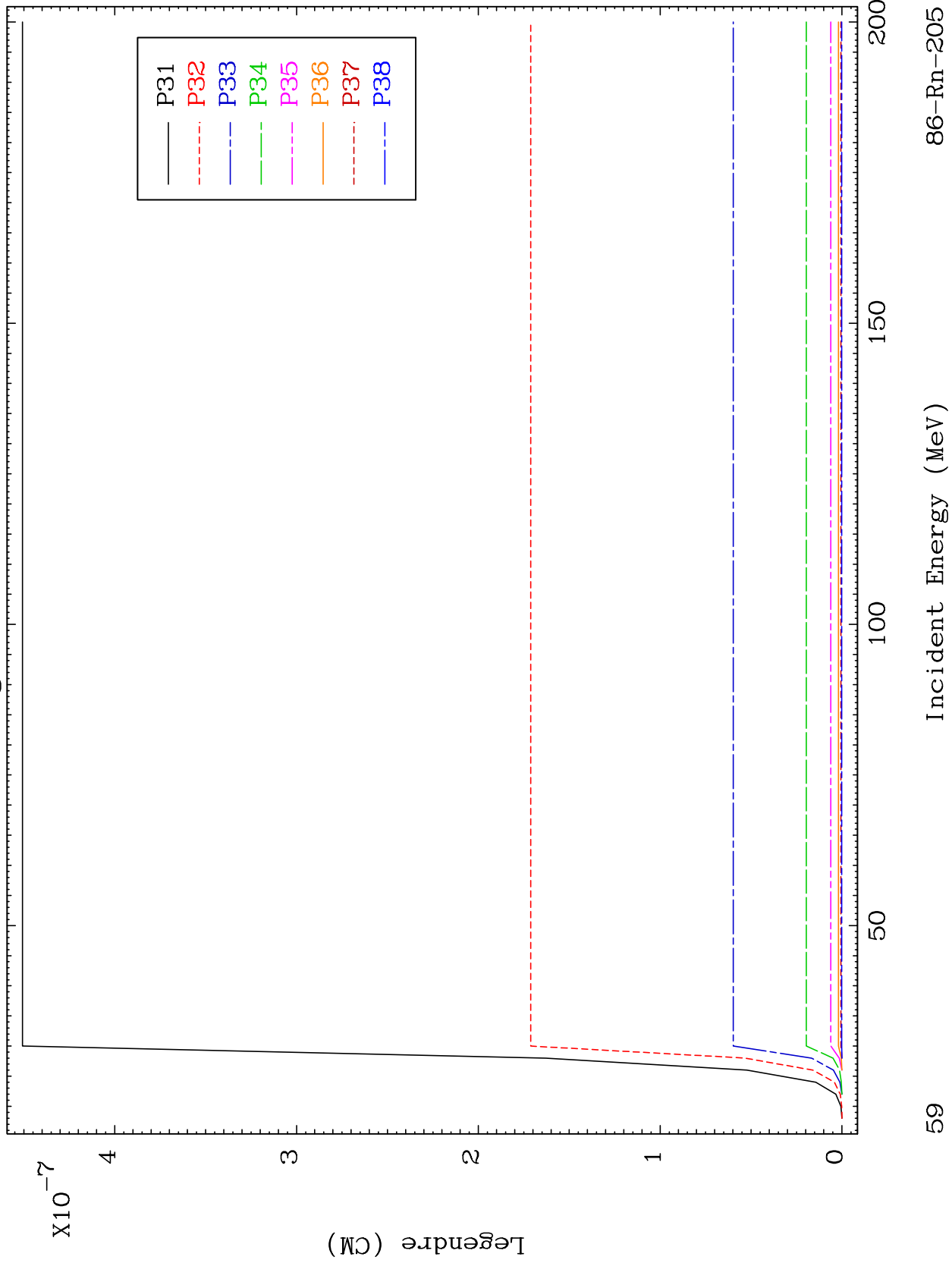
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



86-Rn-205

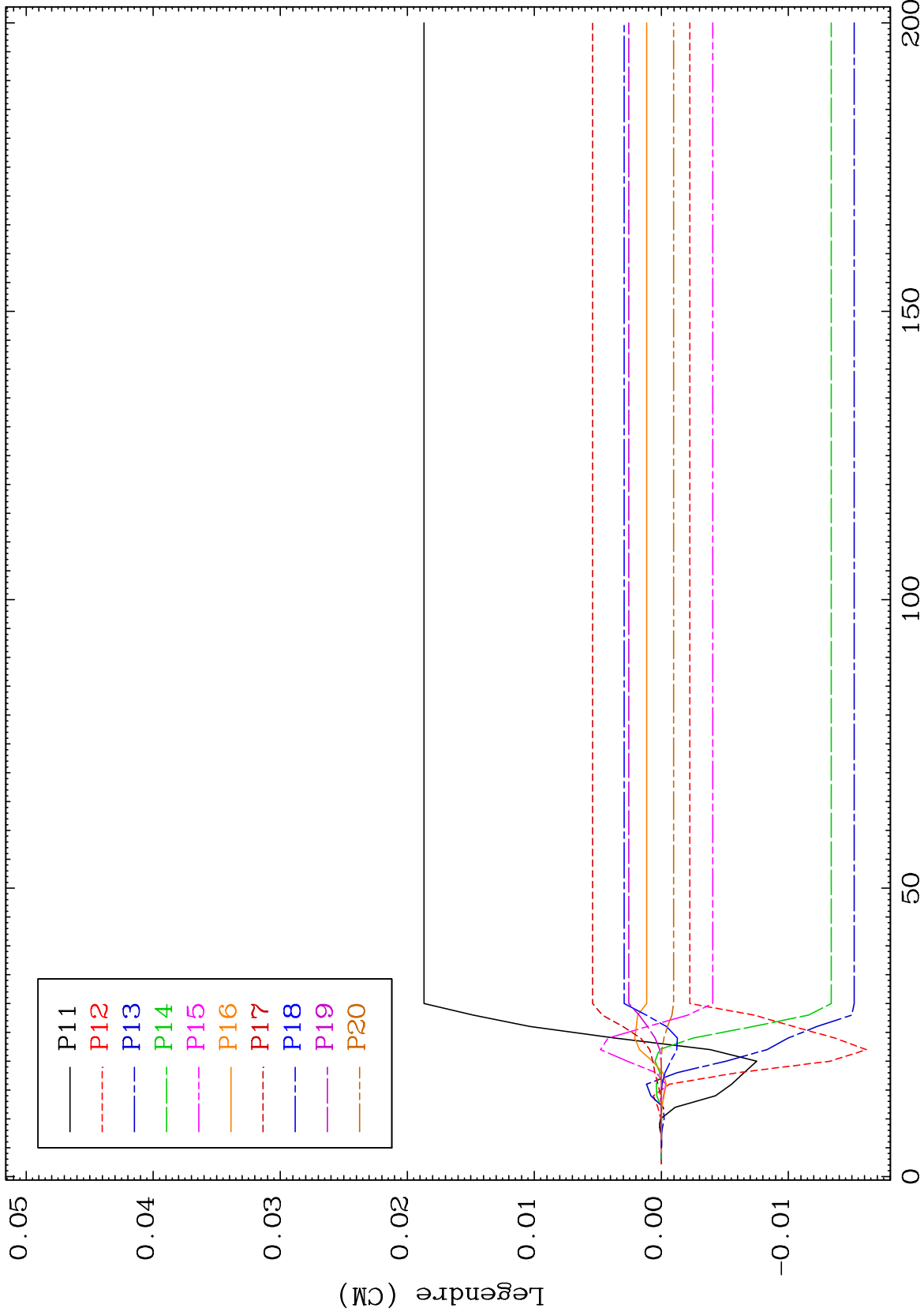
Incident Energy (MeV)

59

MAT 8607

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

86-Rn-205



61

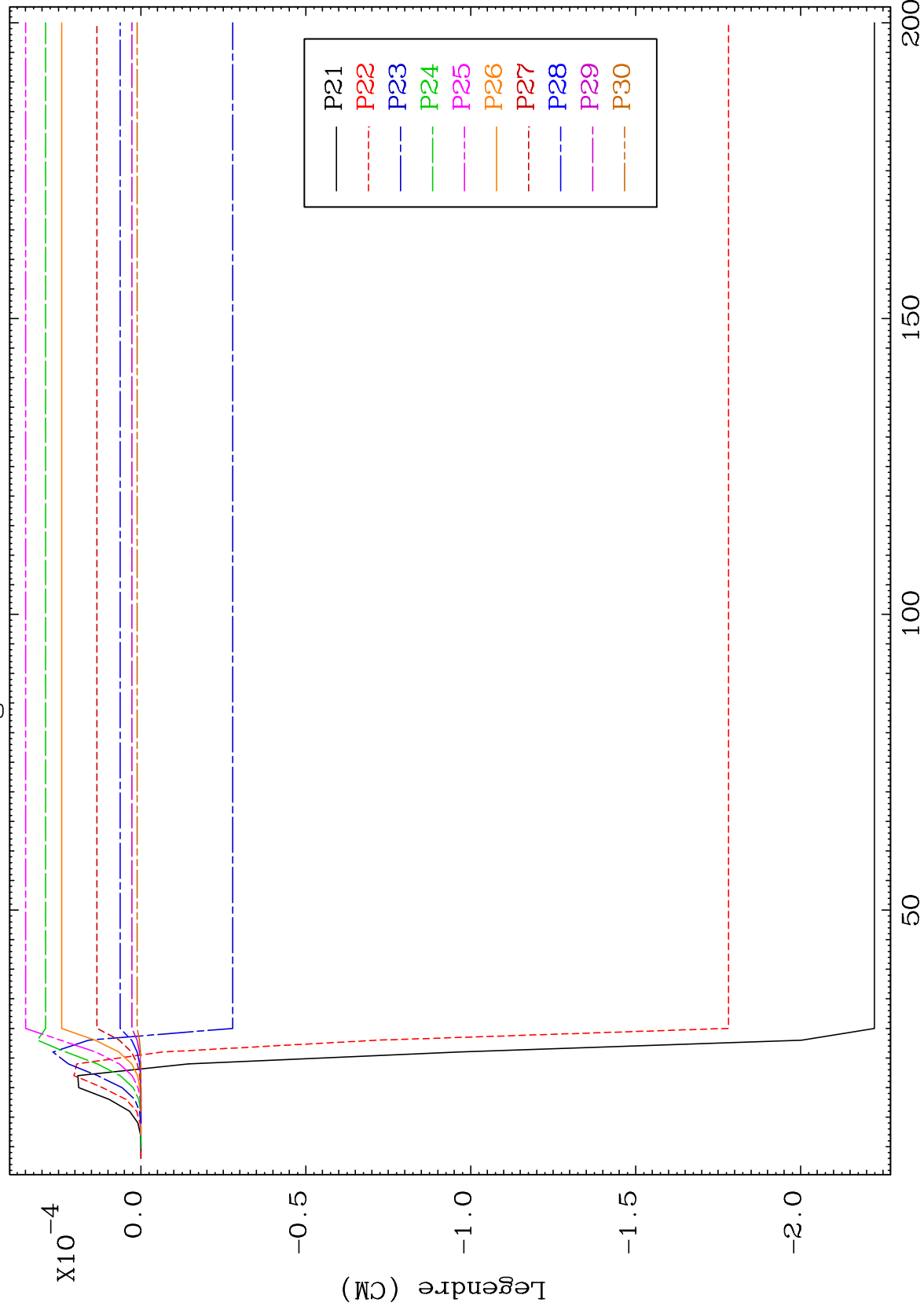
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



62

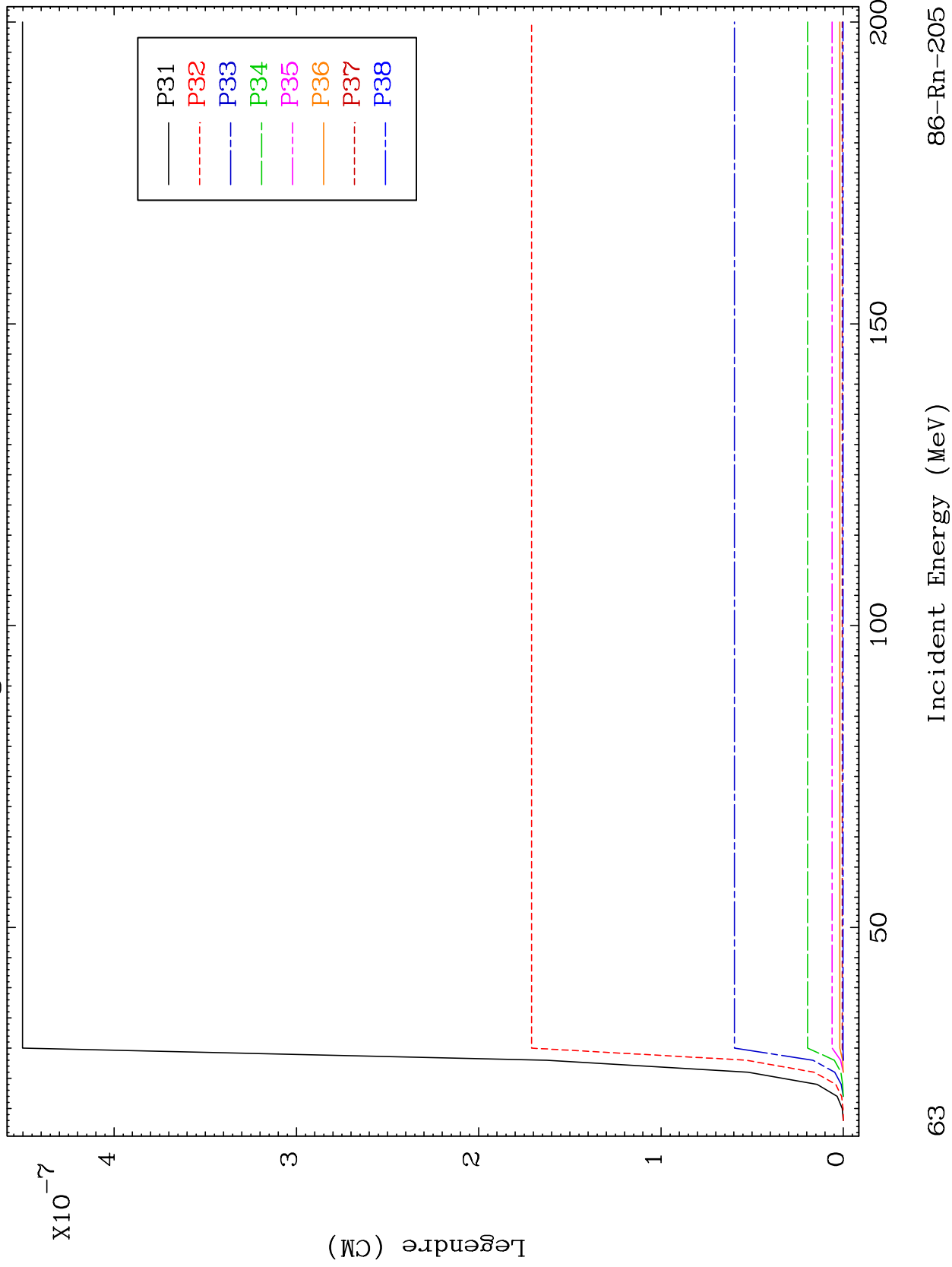
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

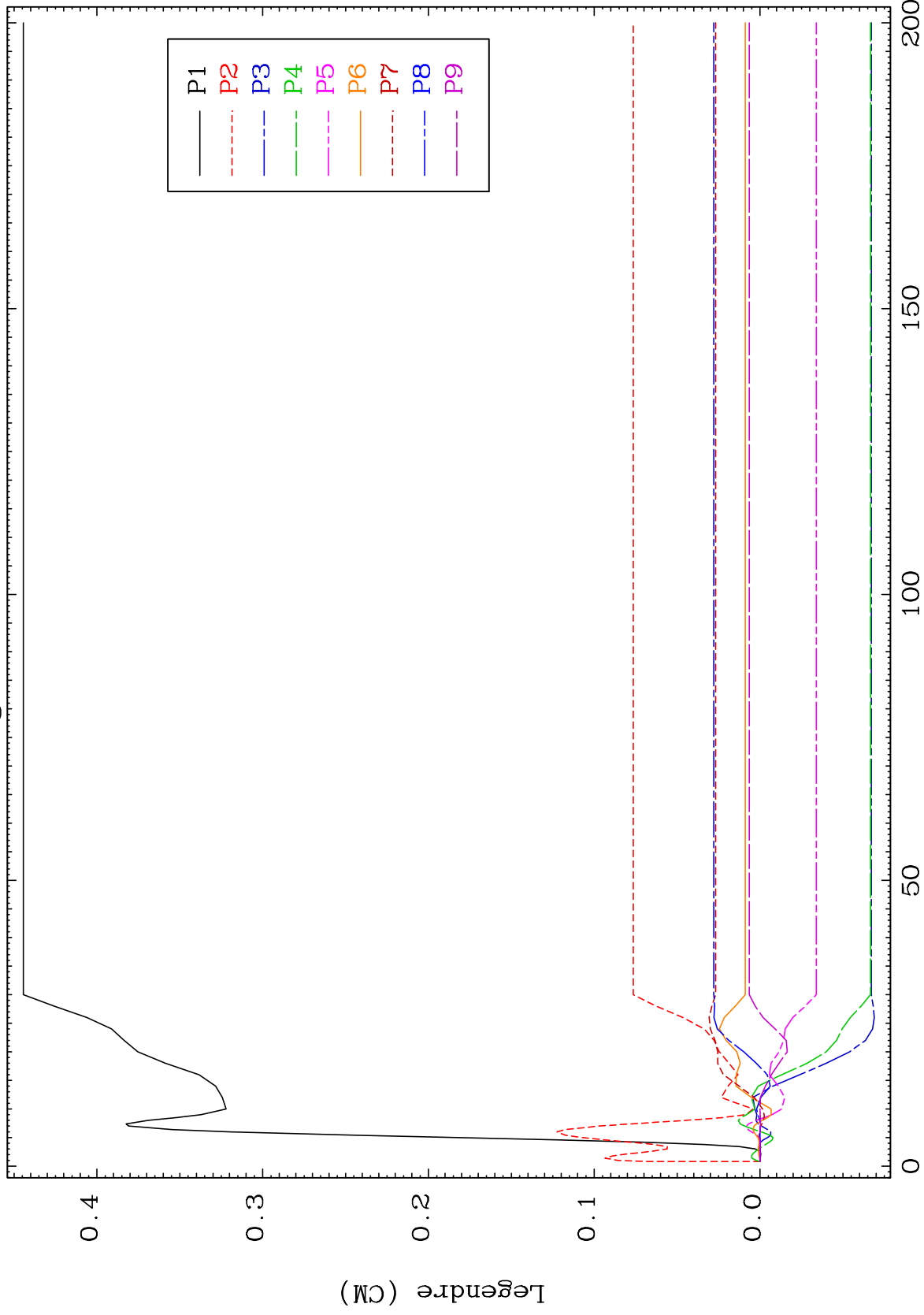
86-Rn-205



MAT 8607

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

86-Rn-205



64

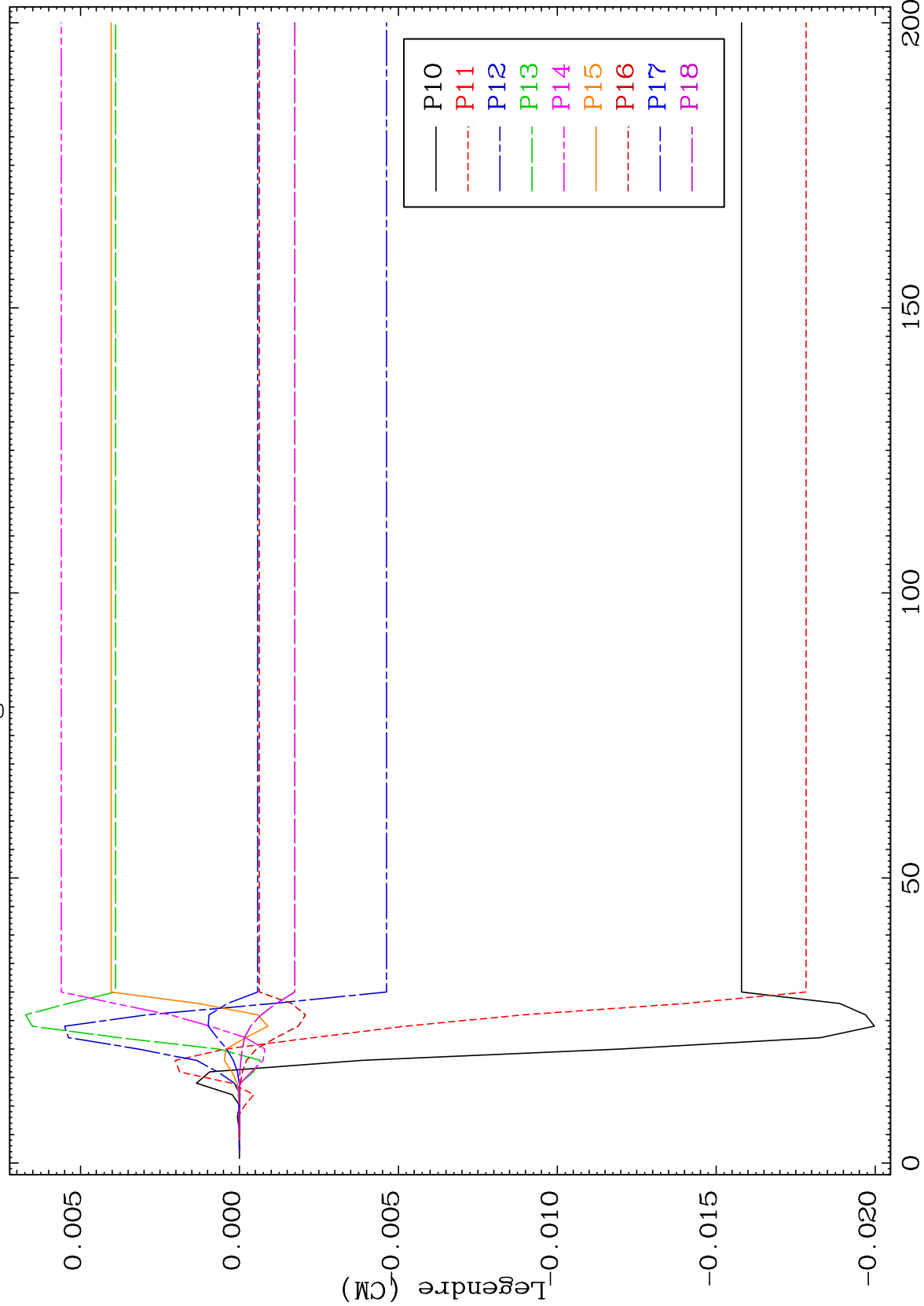
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



65

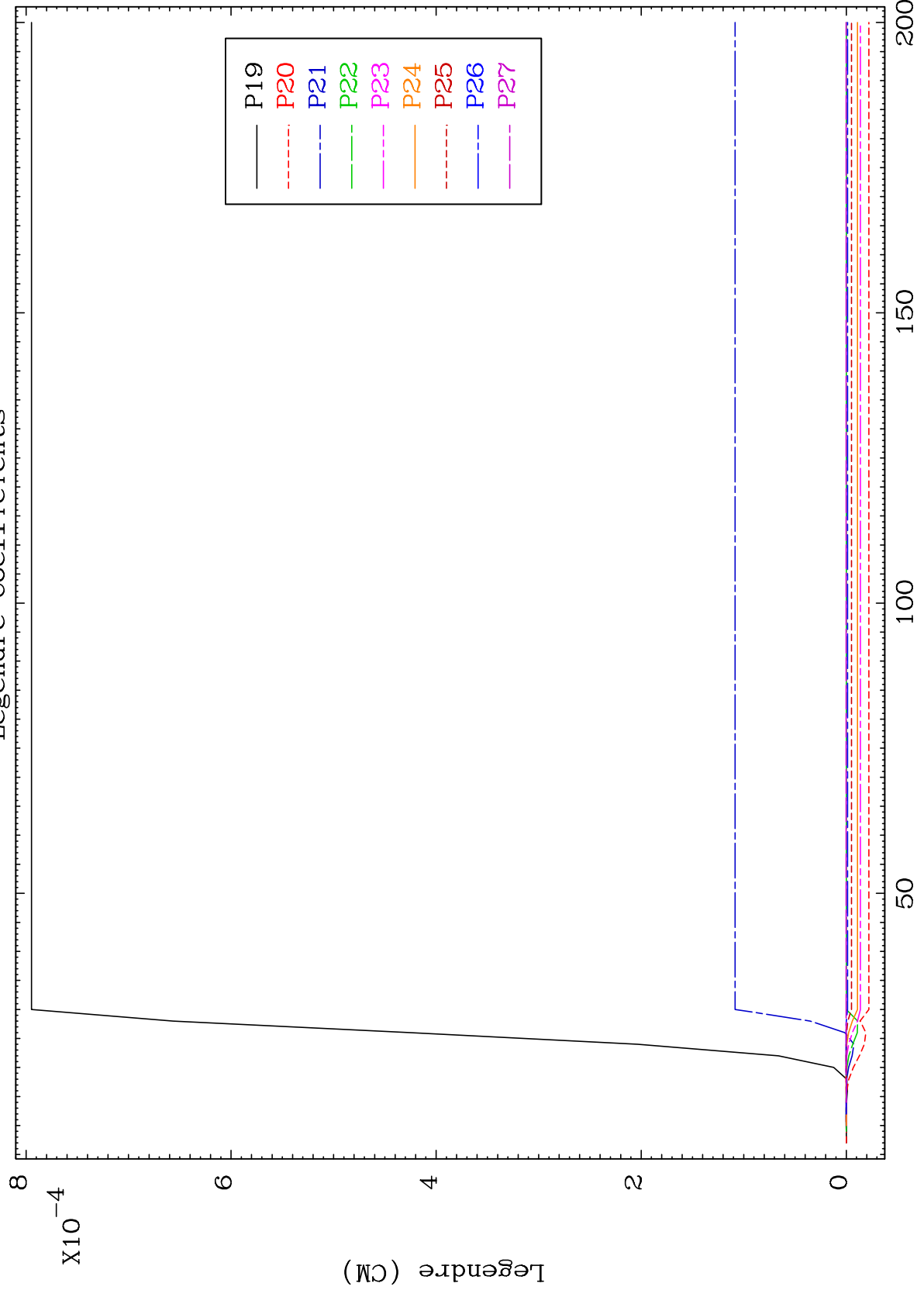
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

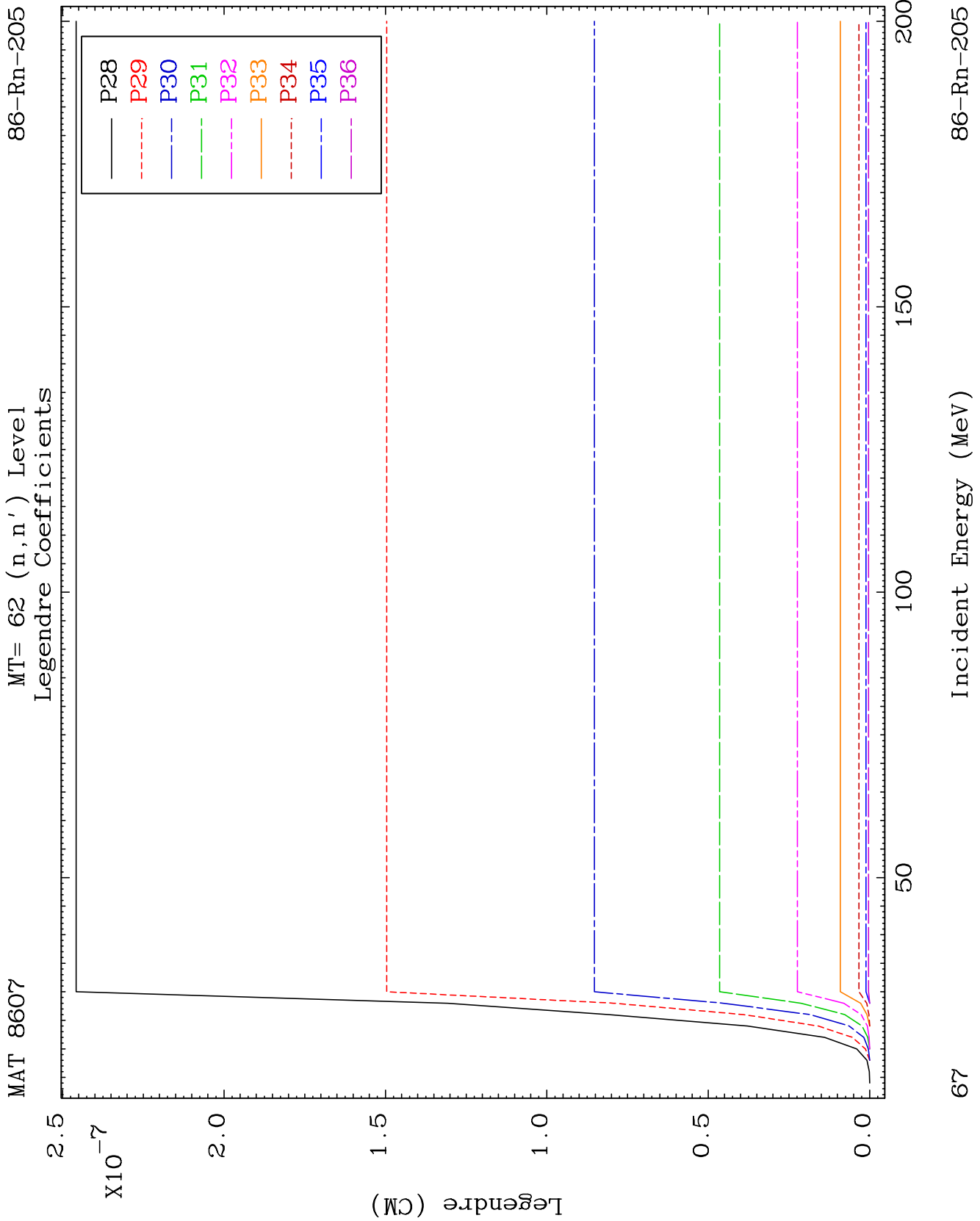
86-Rn-205



66

Incident Energy (MeV)

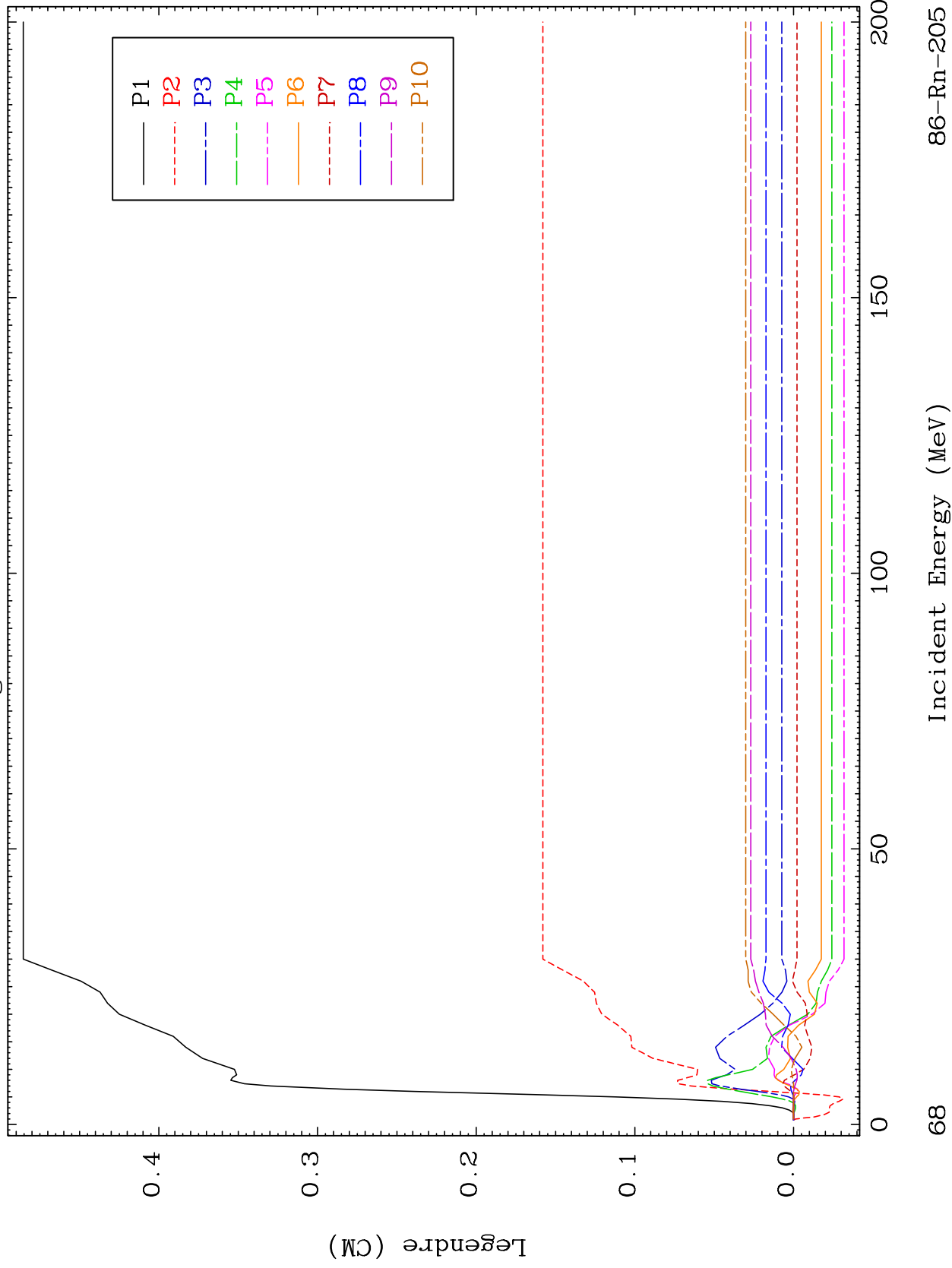
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

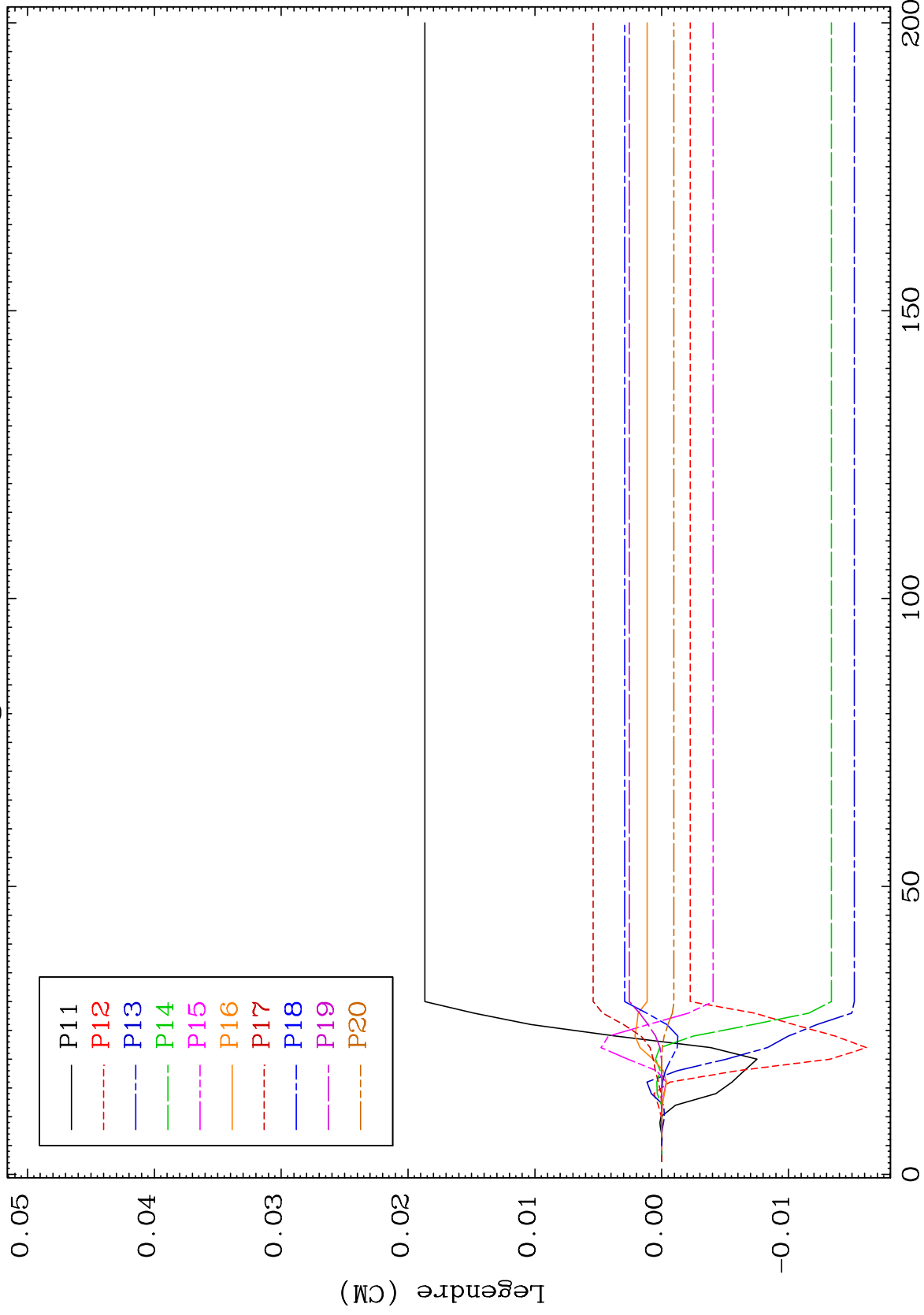
Incident Energy (MeV)

68

MAT 8607

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

86-Rn-205



86-Rn-205

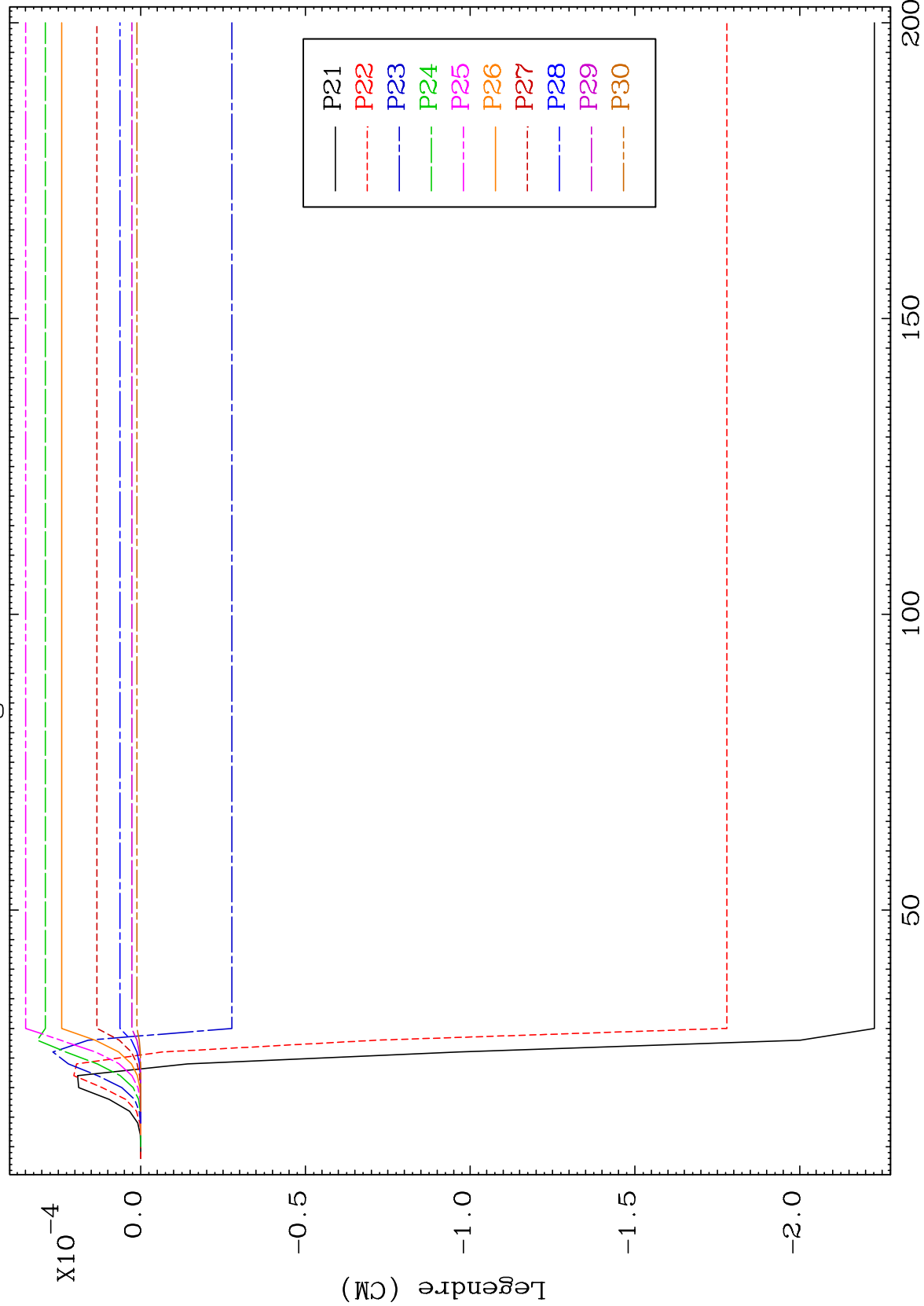
86-Rn-205

69

MAT 8607

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

86-Rn-205



70

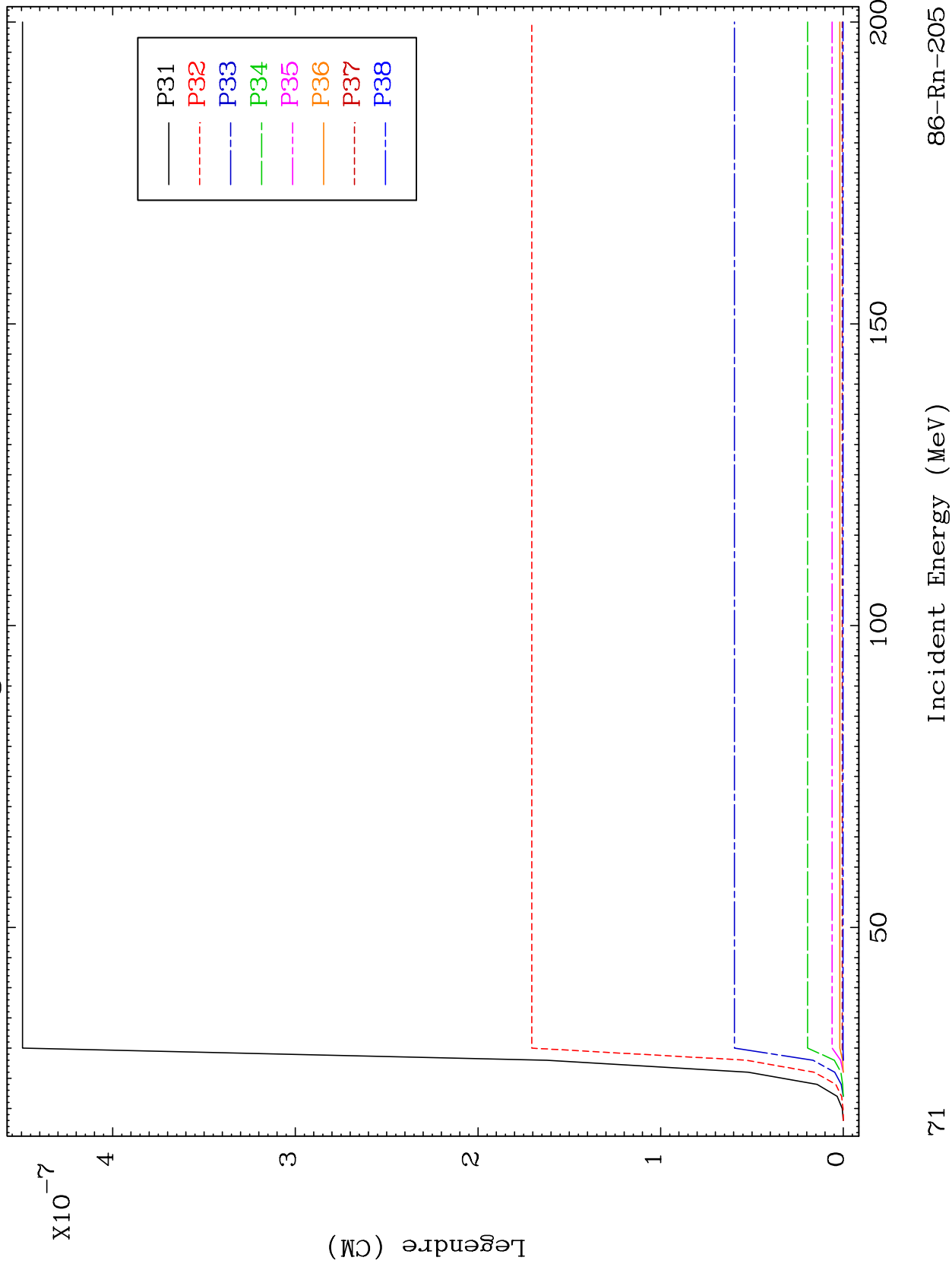
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

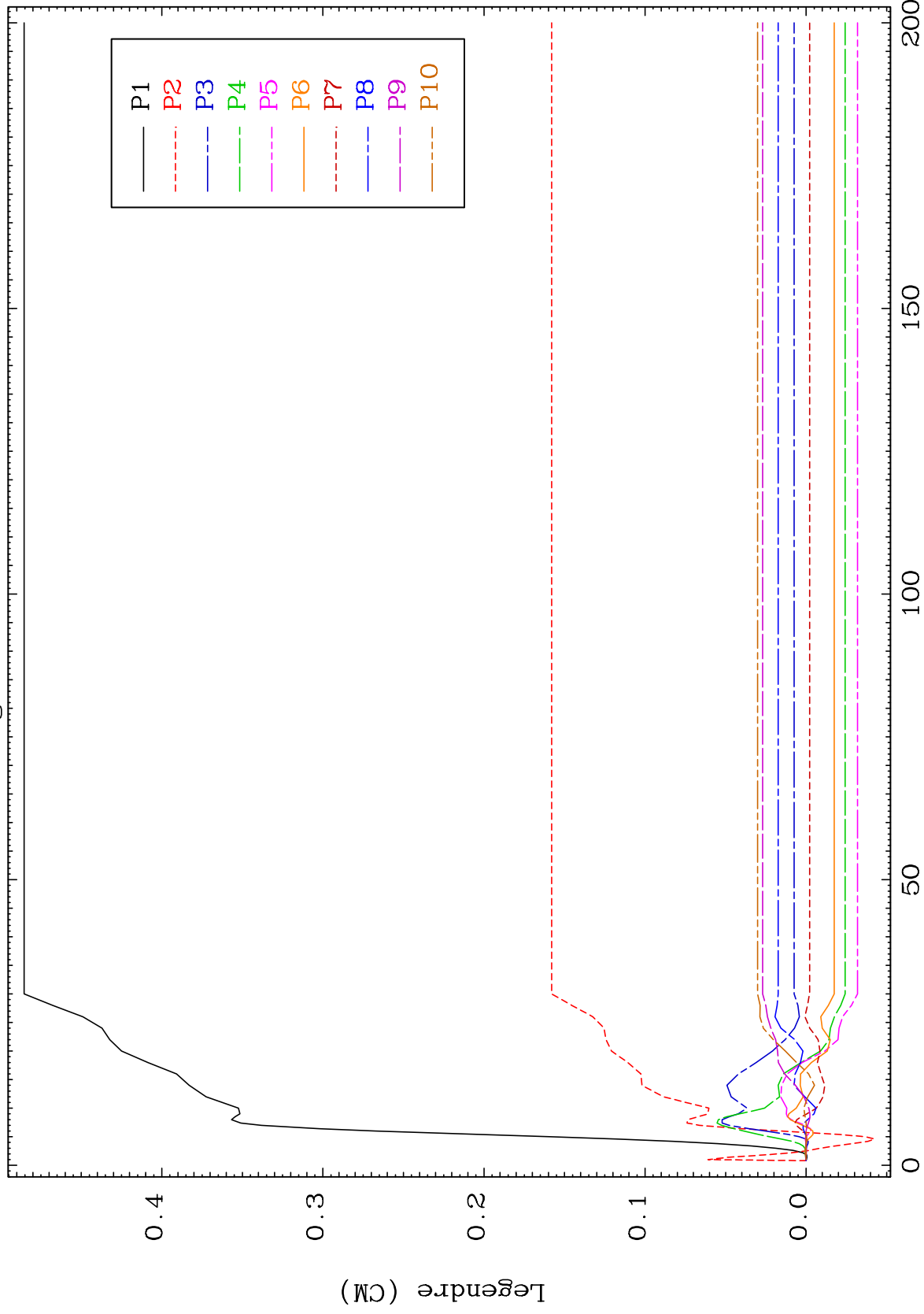
86-Rn-205



MAT 8607

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

86-Rn-205



72

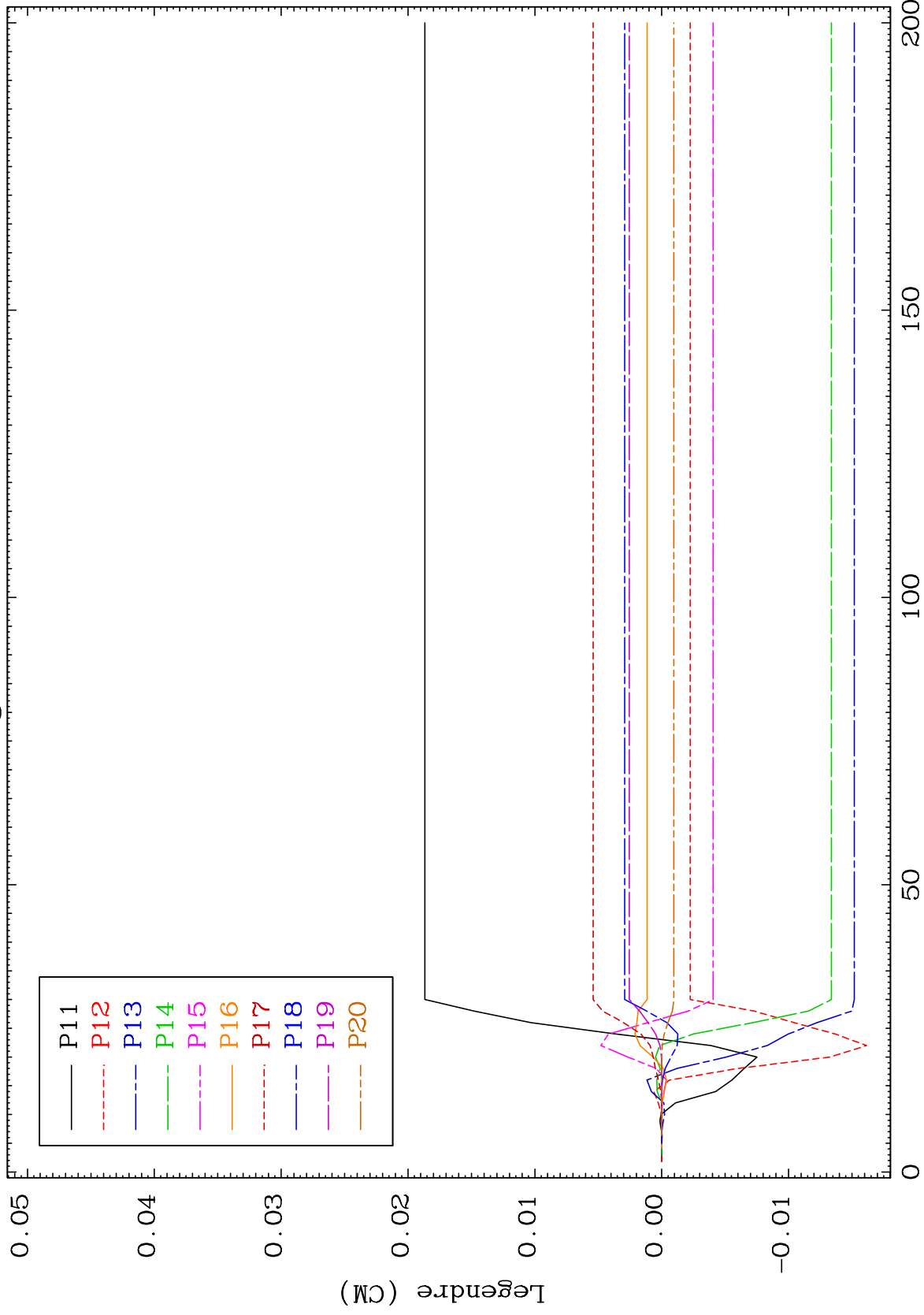
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



73

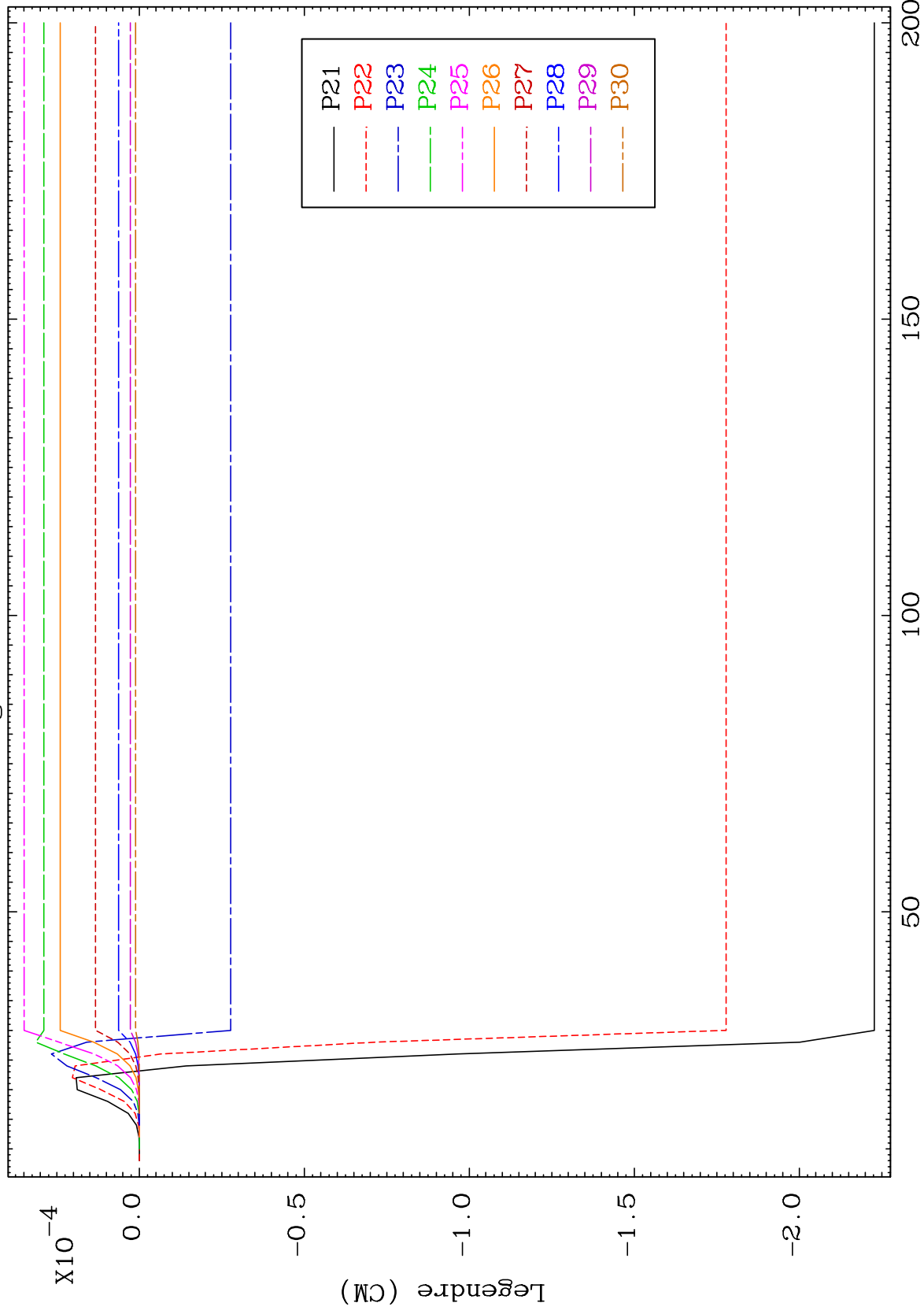
Incident Energy (MeV)

86-Rn-205

MAT 8607

86-Rn-205

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



74

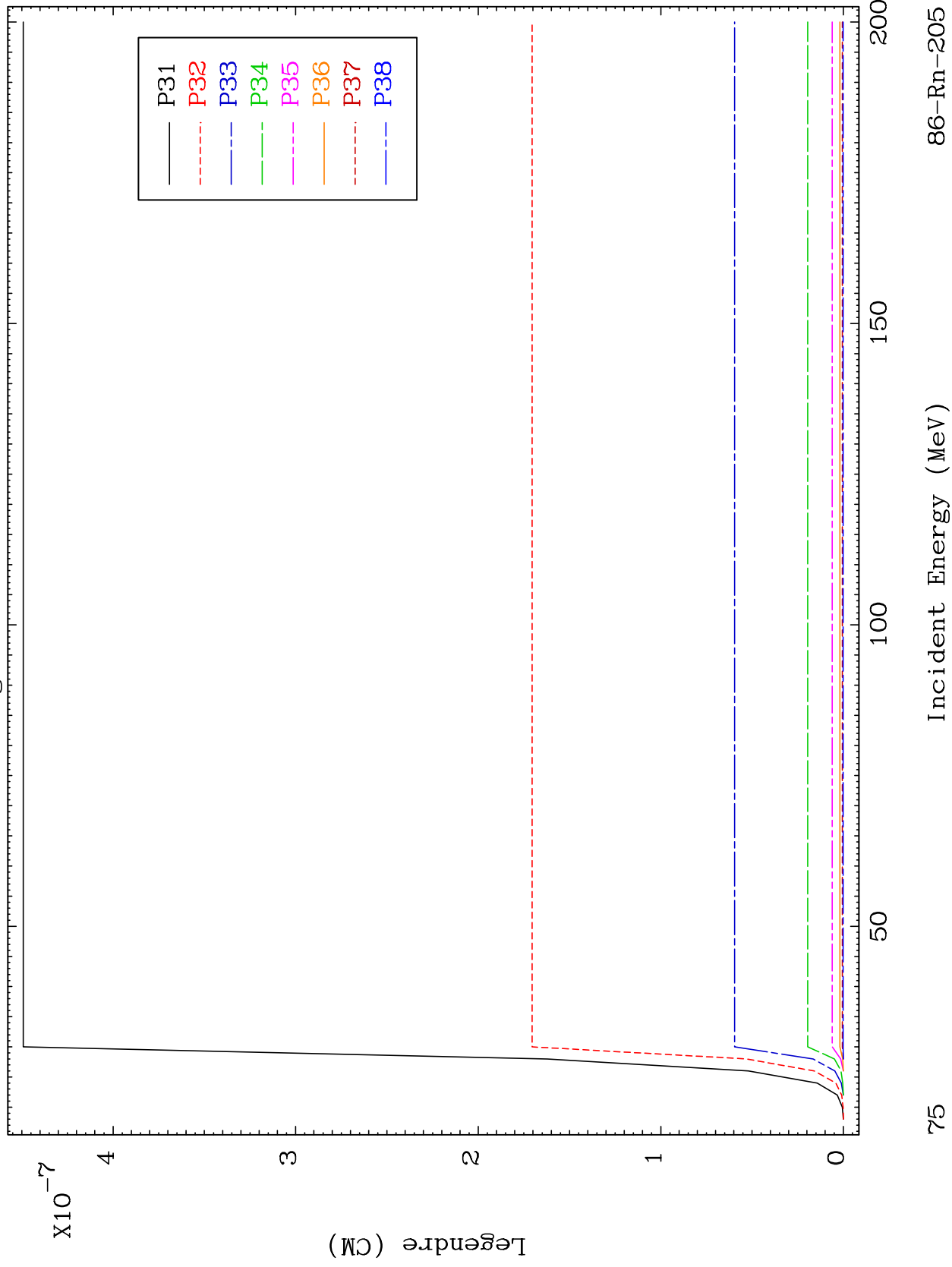
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



75

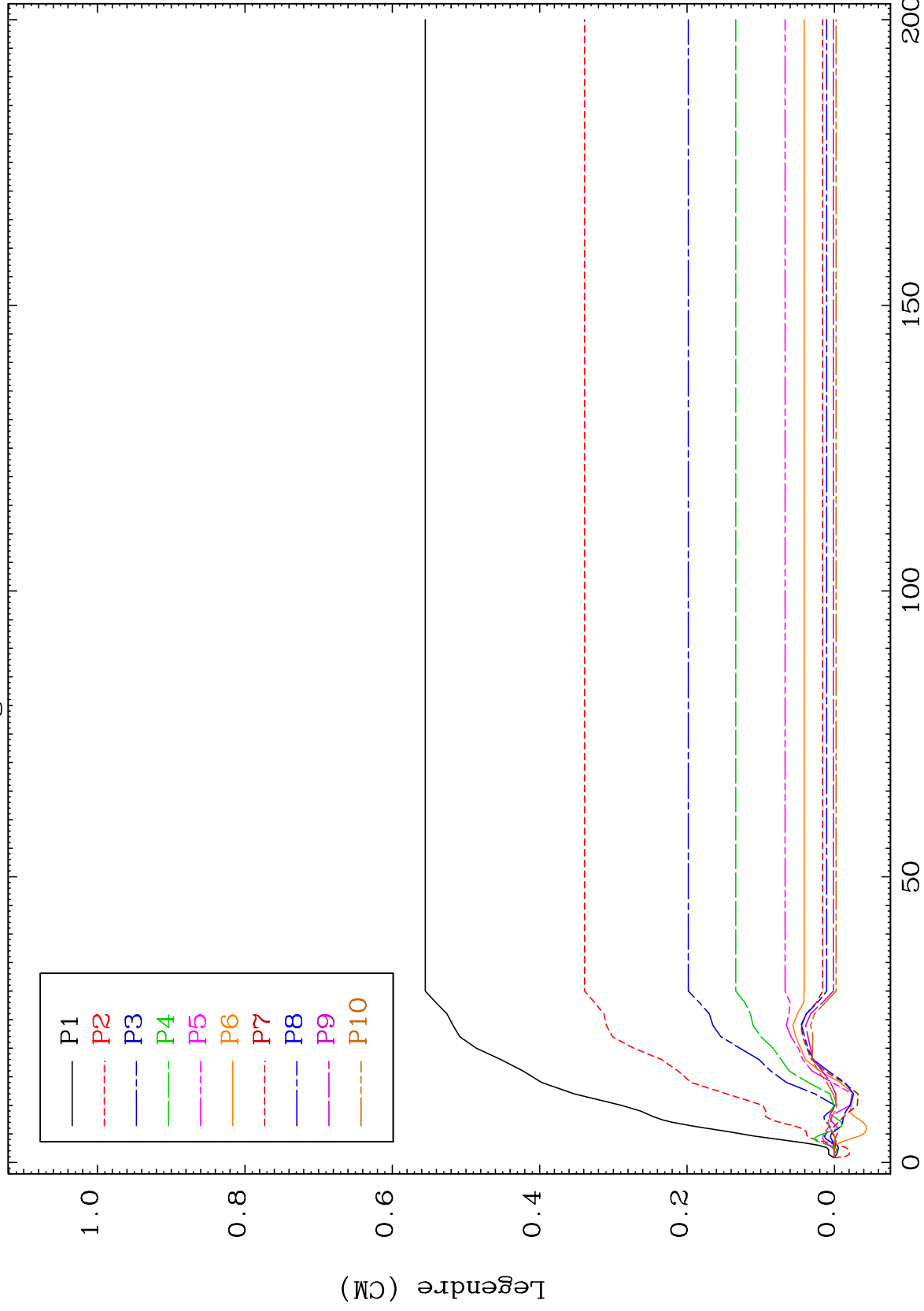
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



76

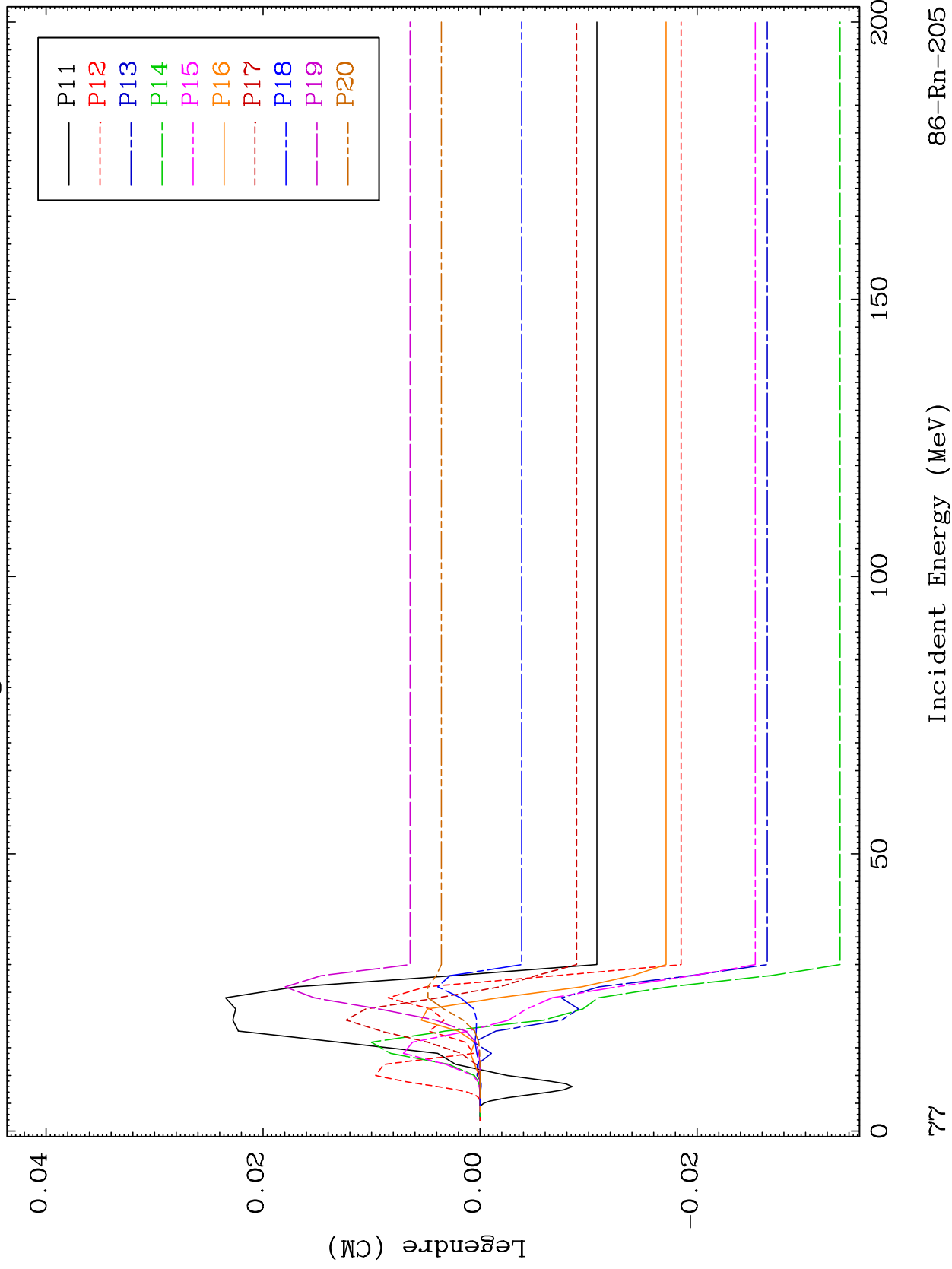
86-Rn-205

86-Rn-205

MAT 8607

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

86-Rn-205



77

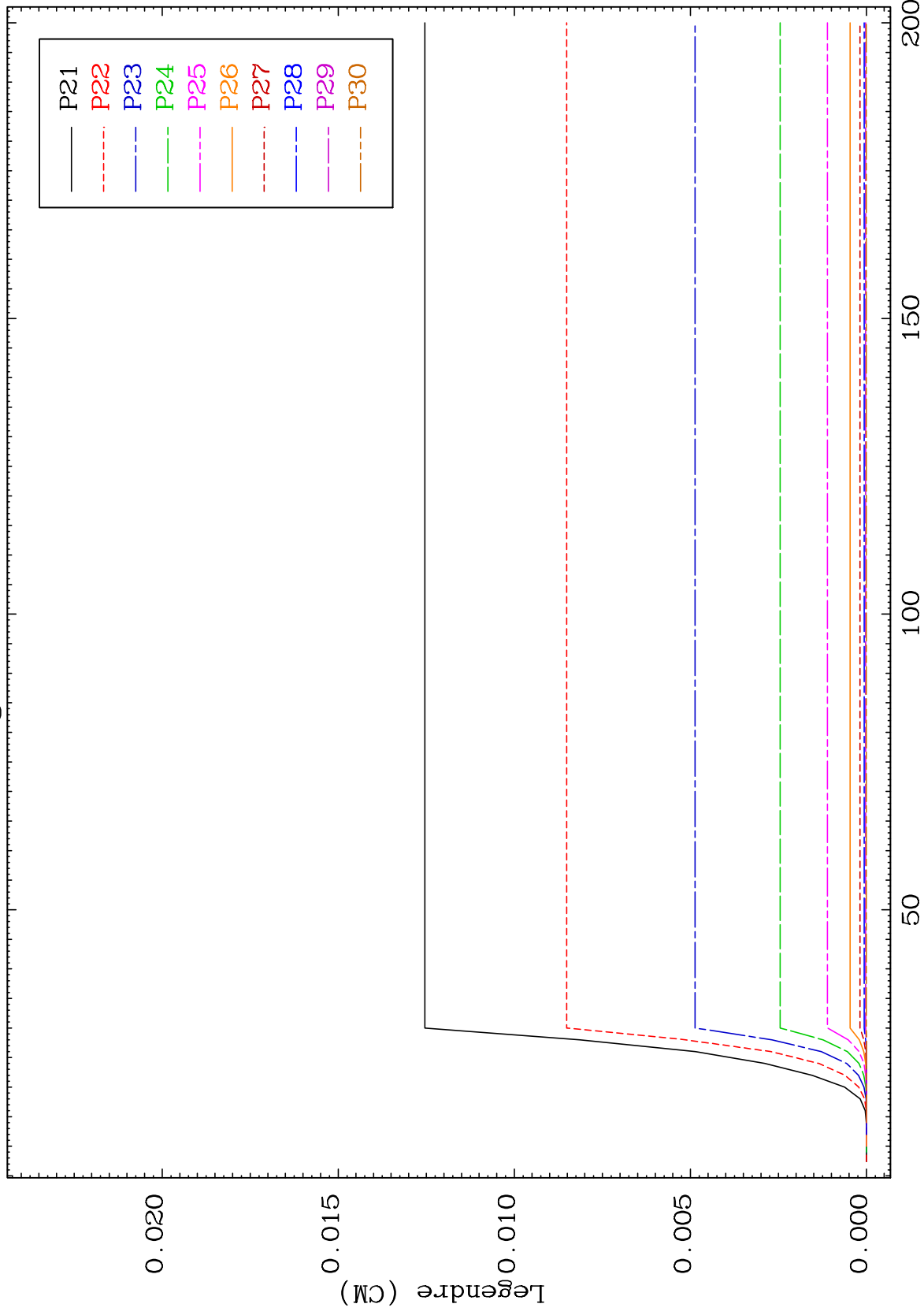
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



78

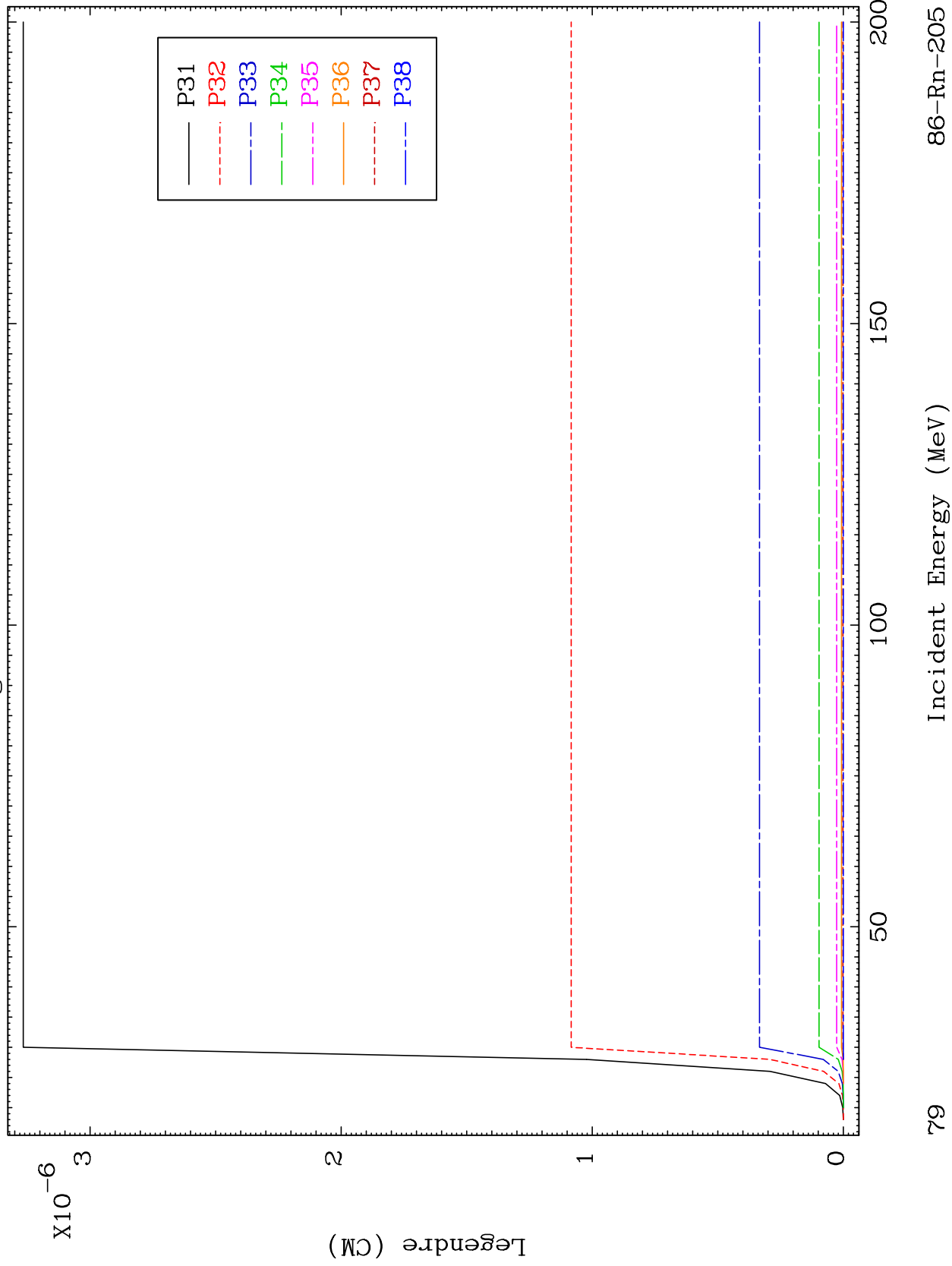
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



79

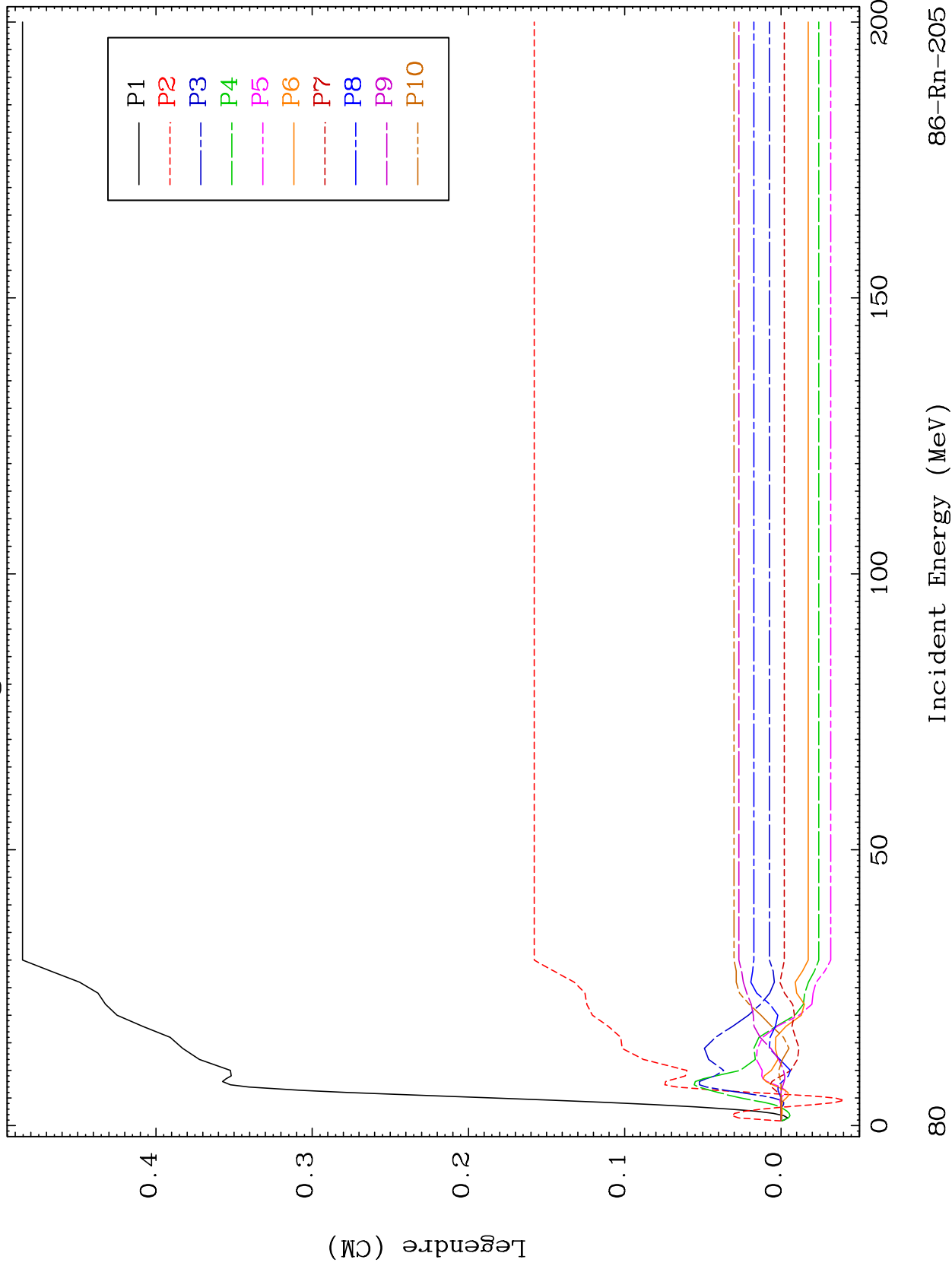
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

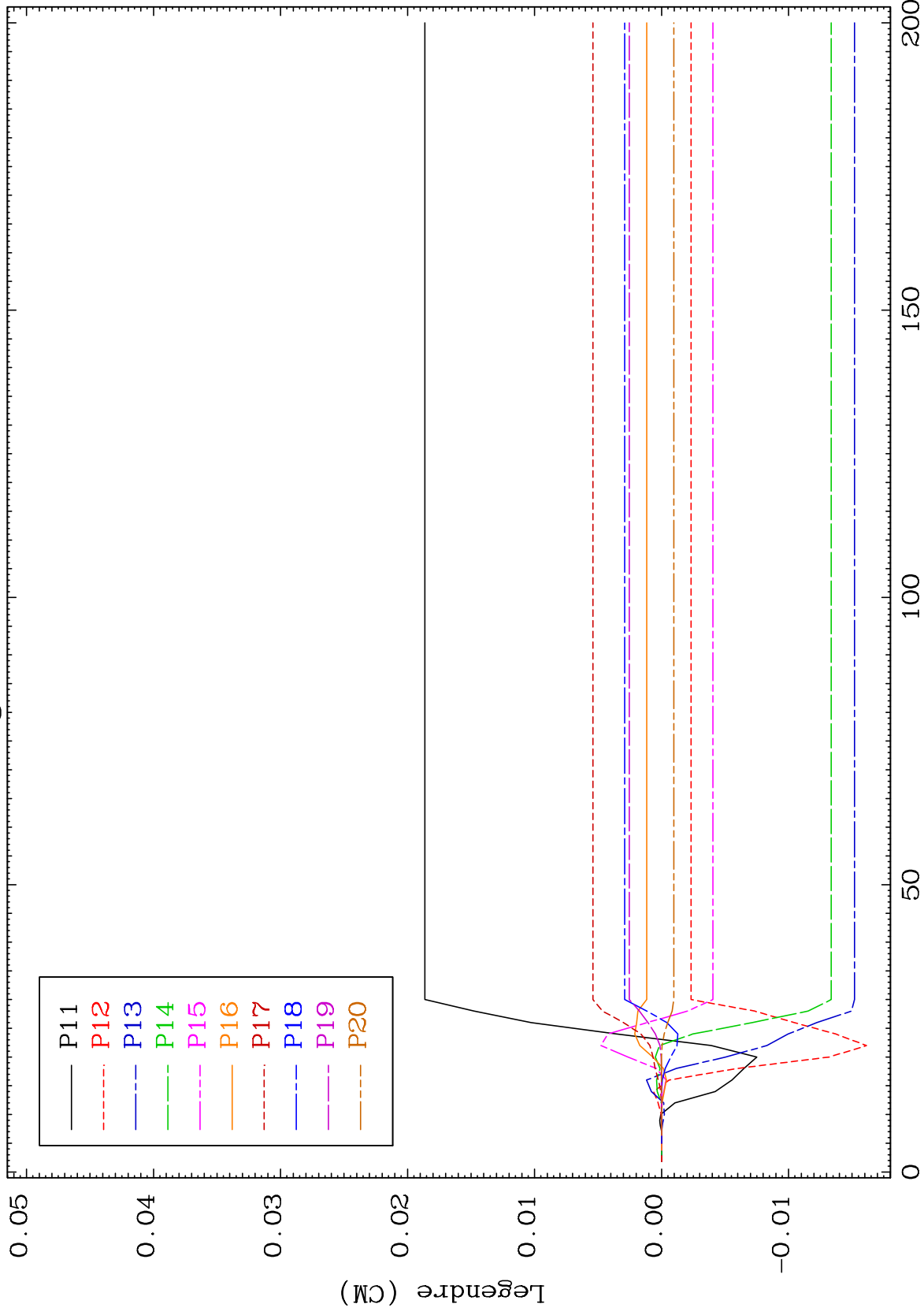
86-Rn-205



MAT 8607

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

86-Rn-205



81

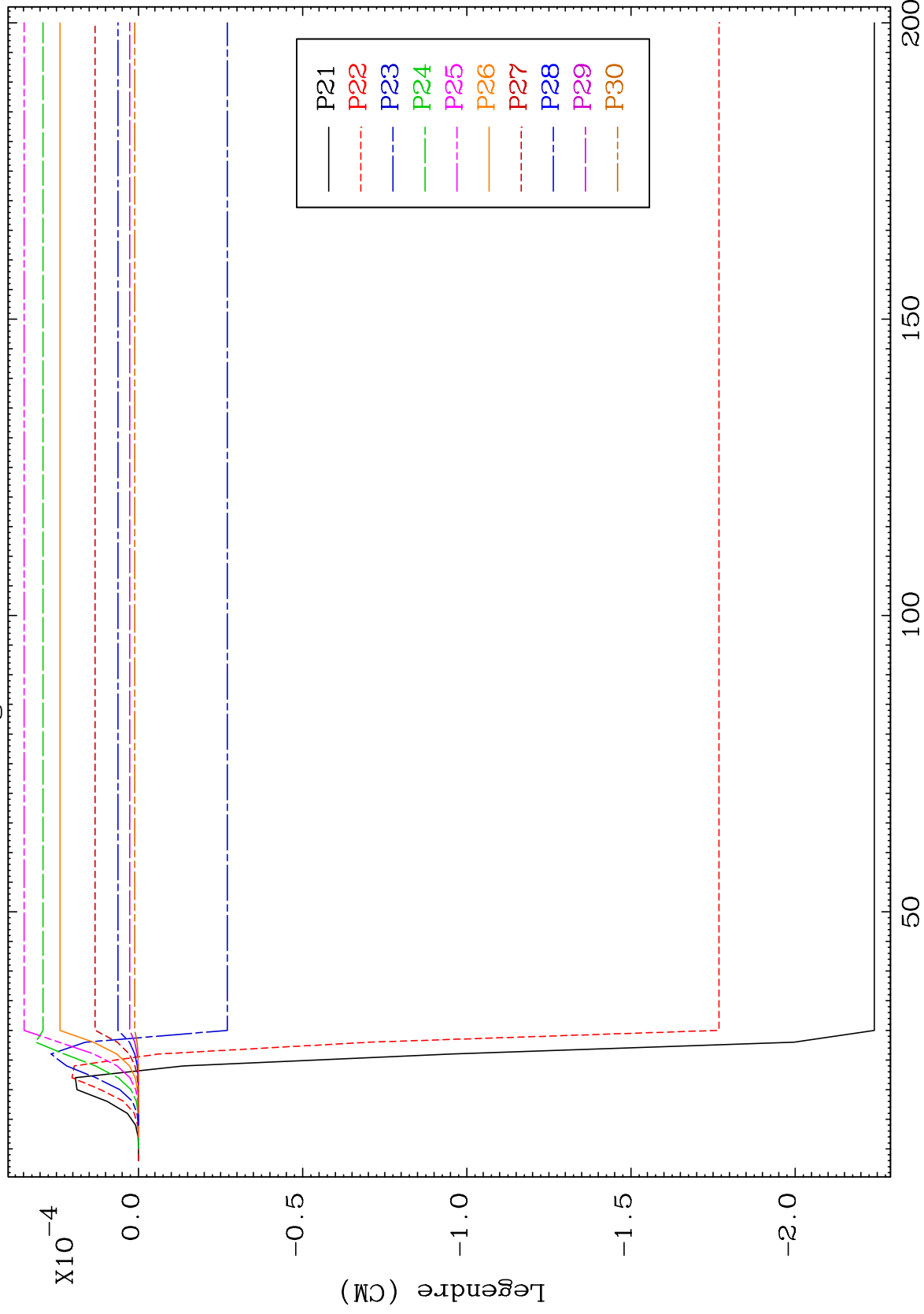
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



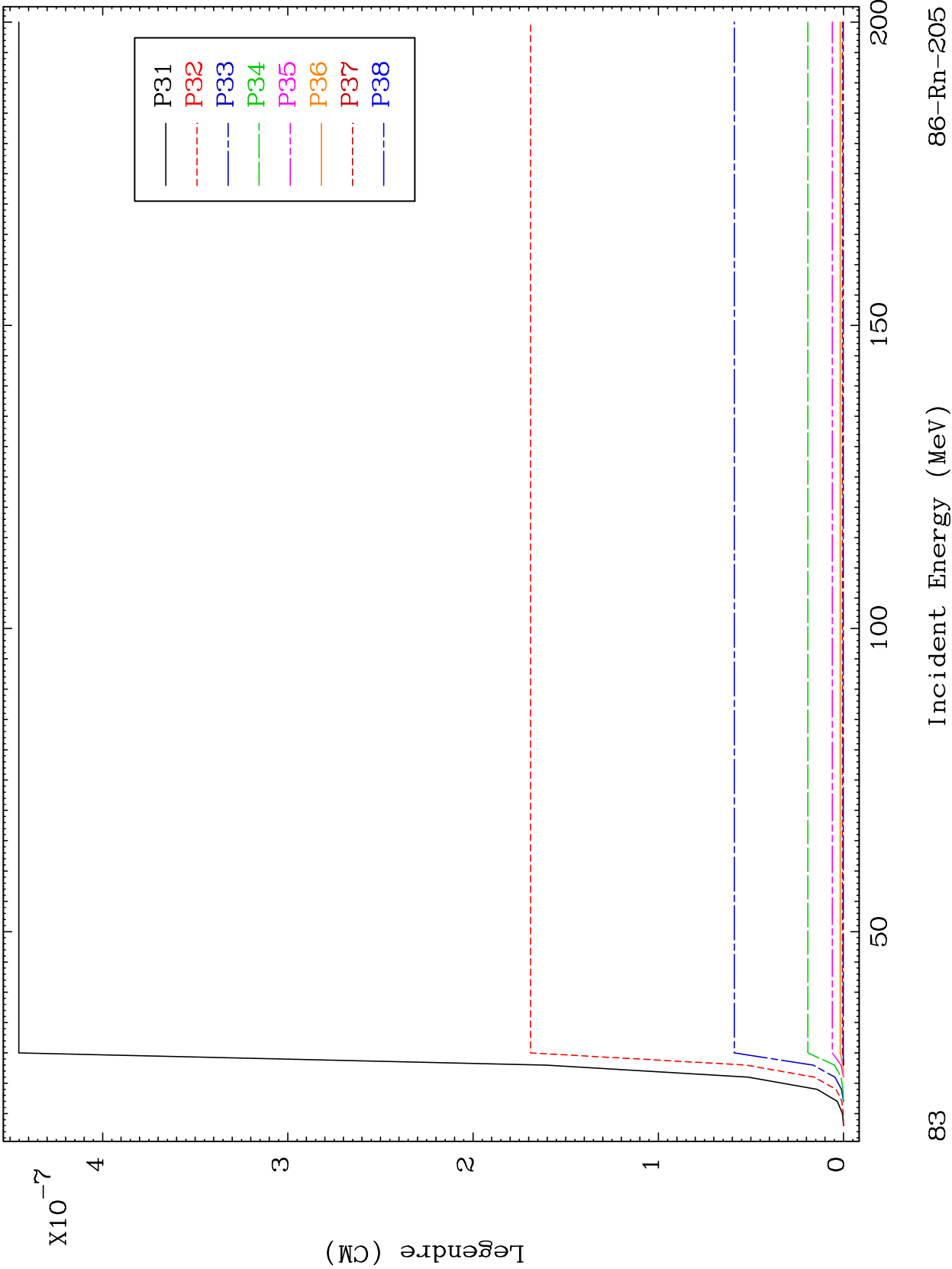
82

86-Rn-205

MAT 8607

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

86-Rn-205



83

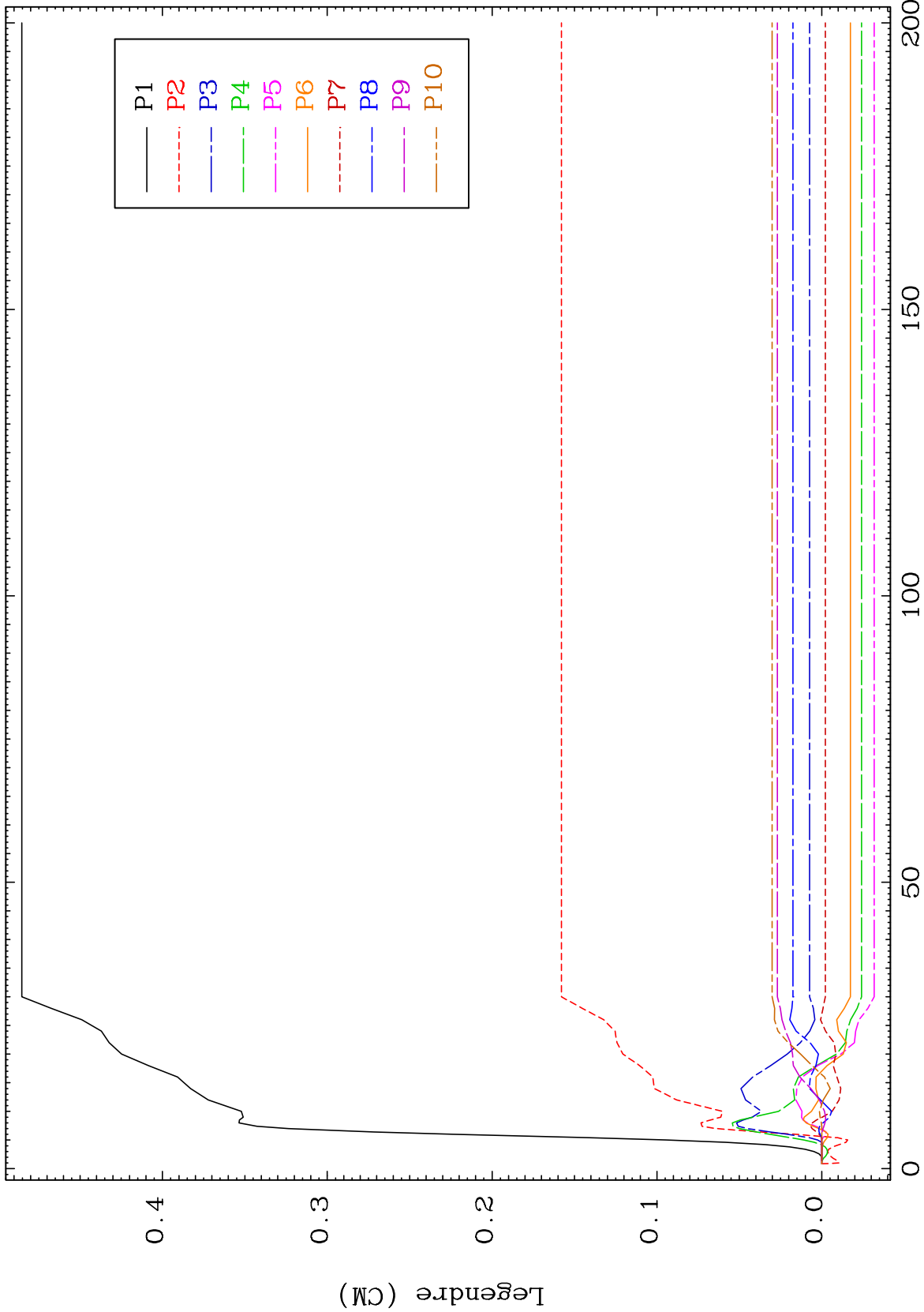
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



84

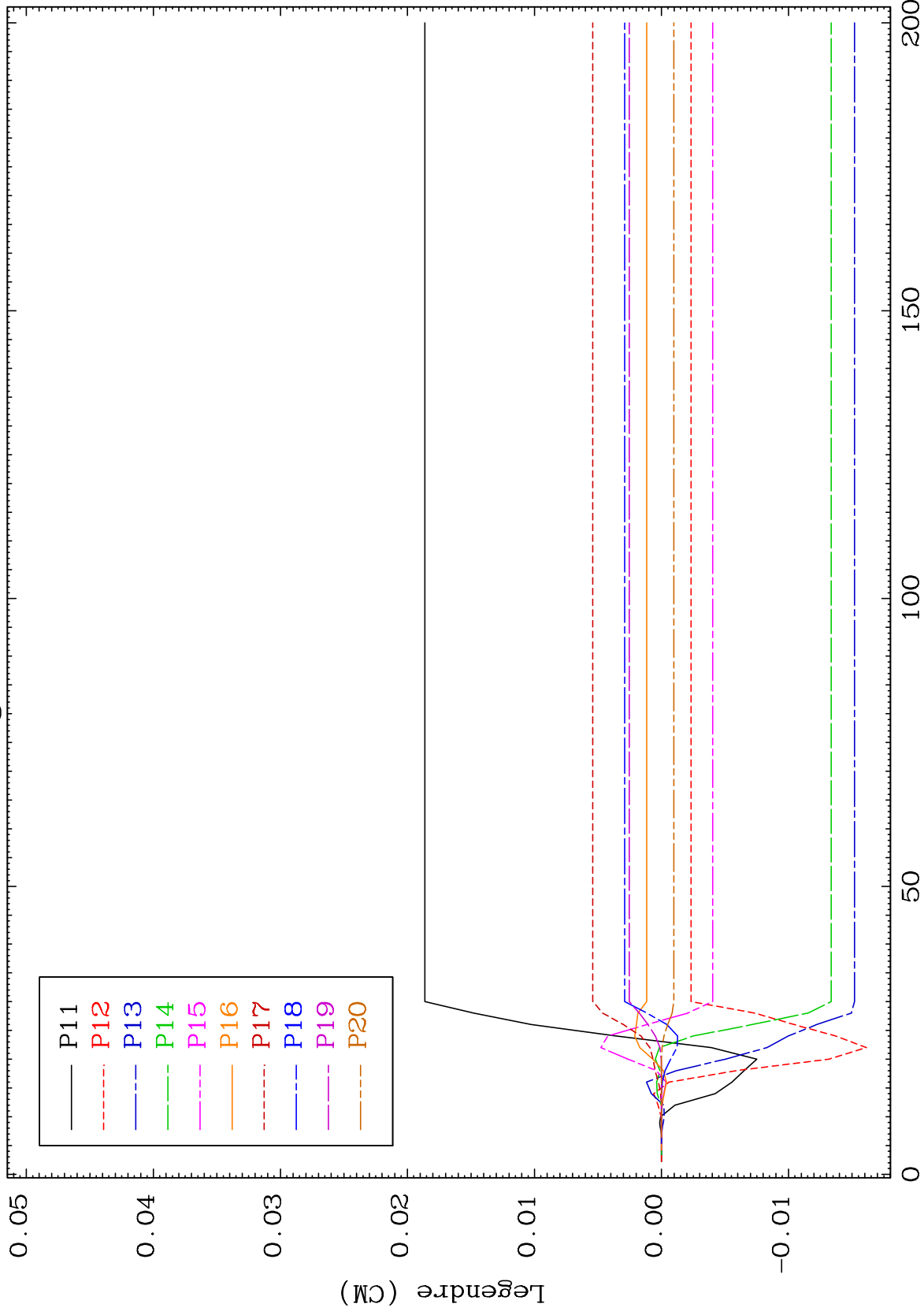
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



85

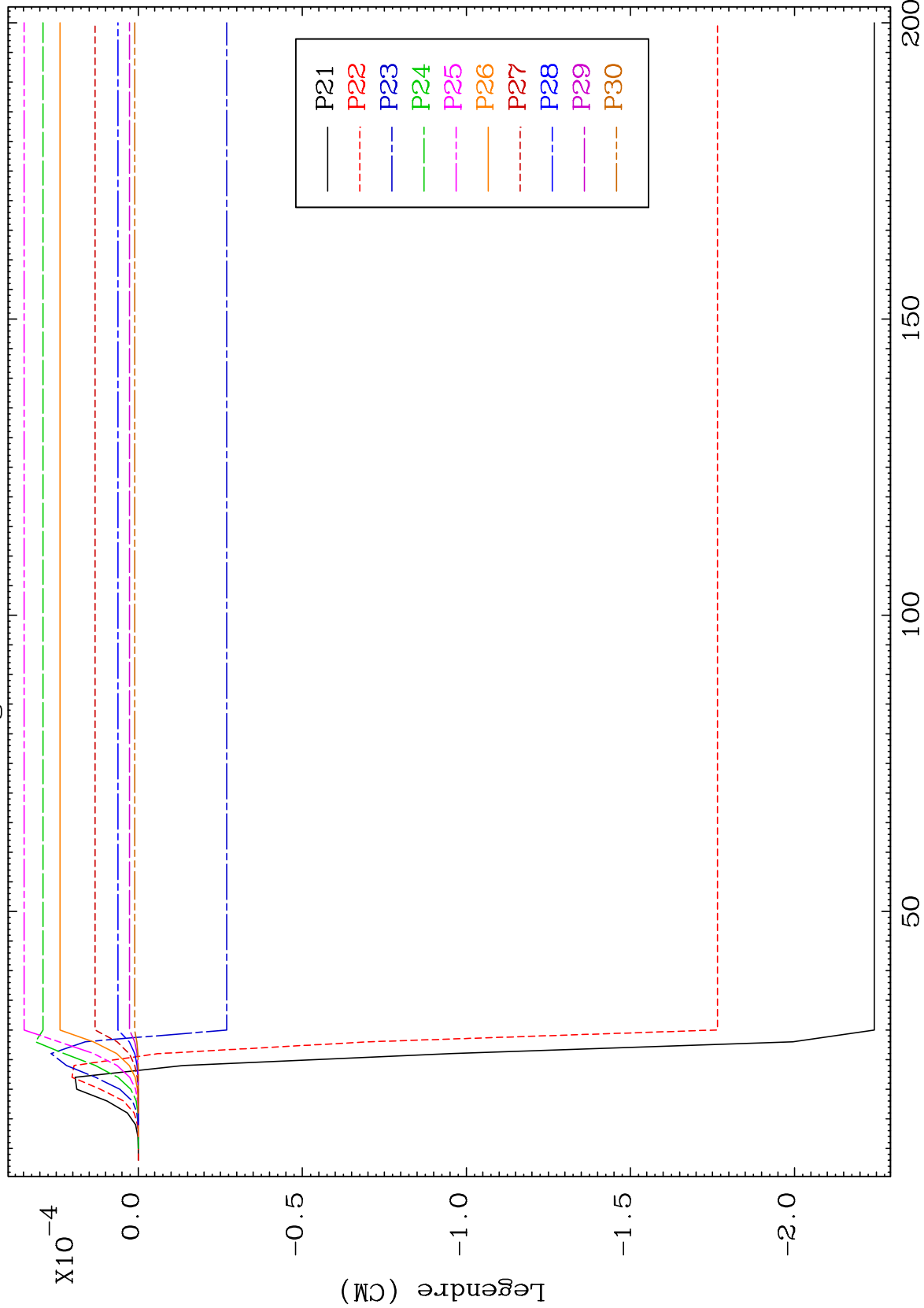
Incident Energy (MeV)

86-Rn-205

MAT 8607

86-Rn-205

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



86

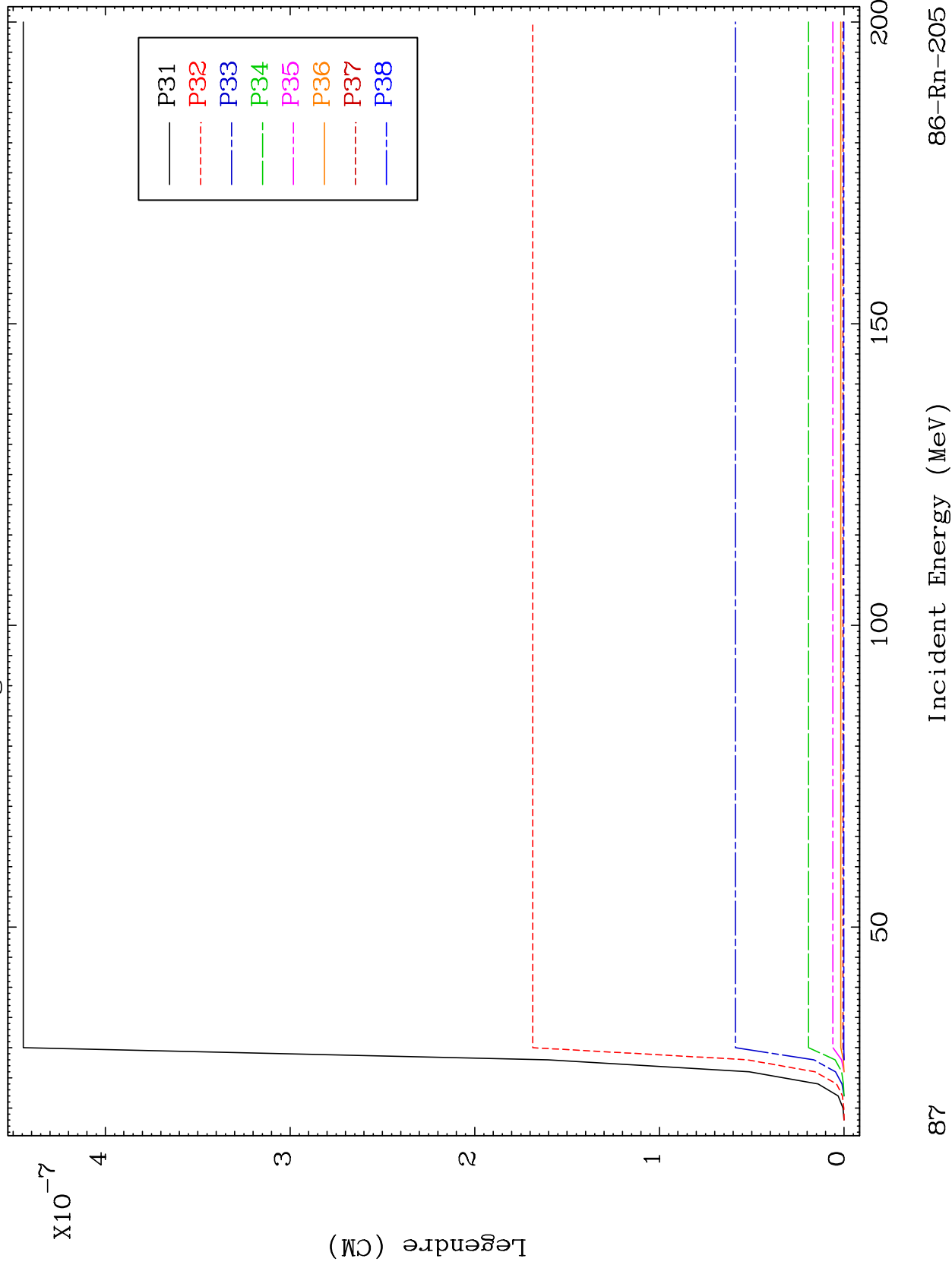
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



87

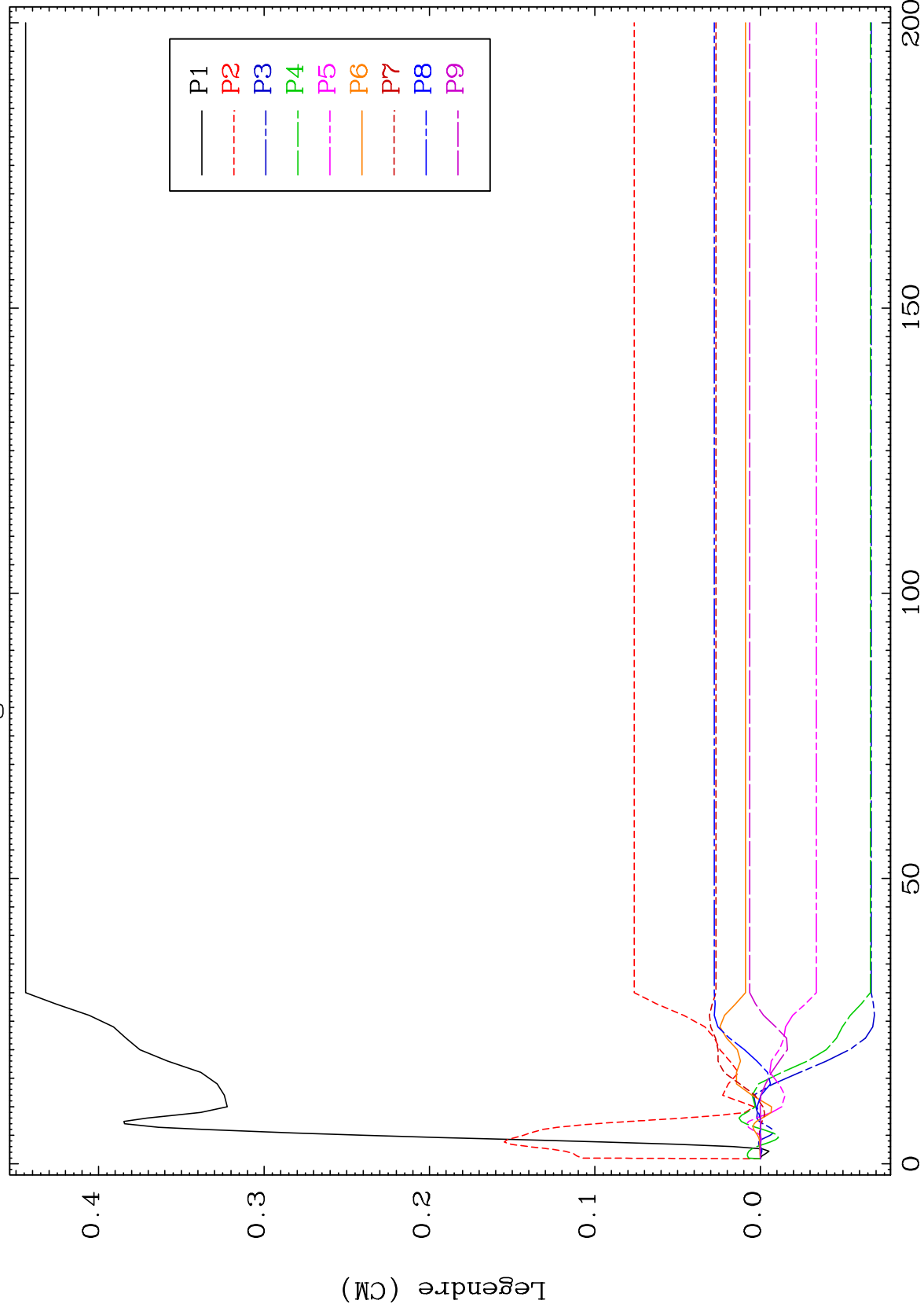
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



88

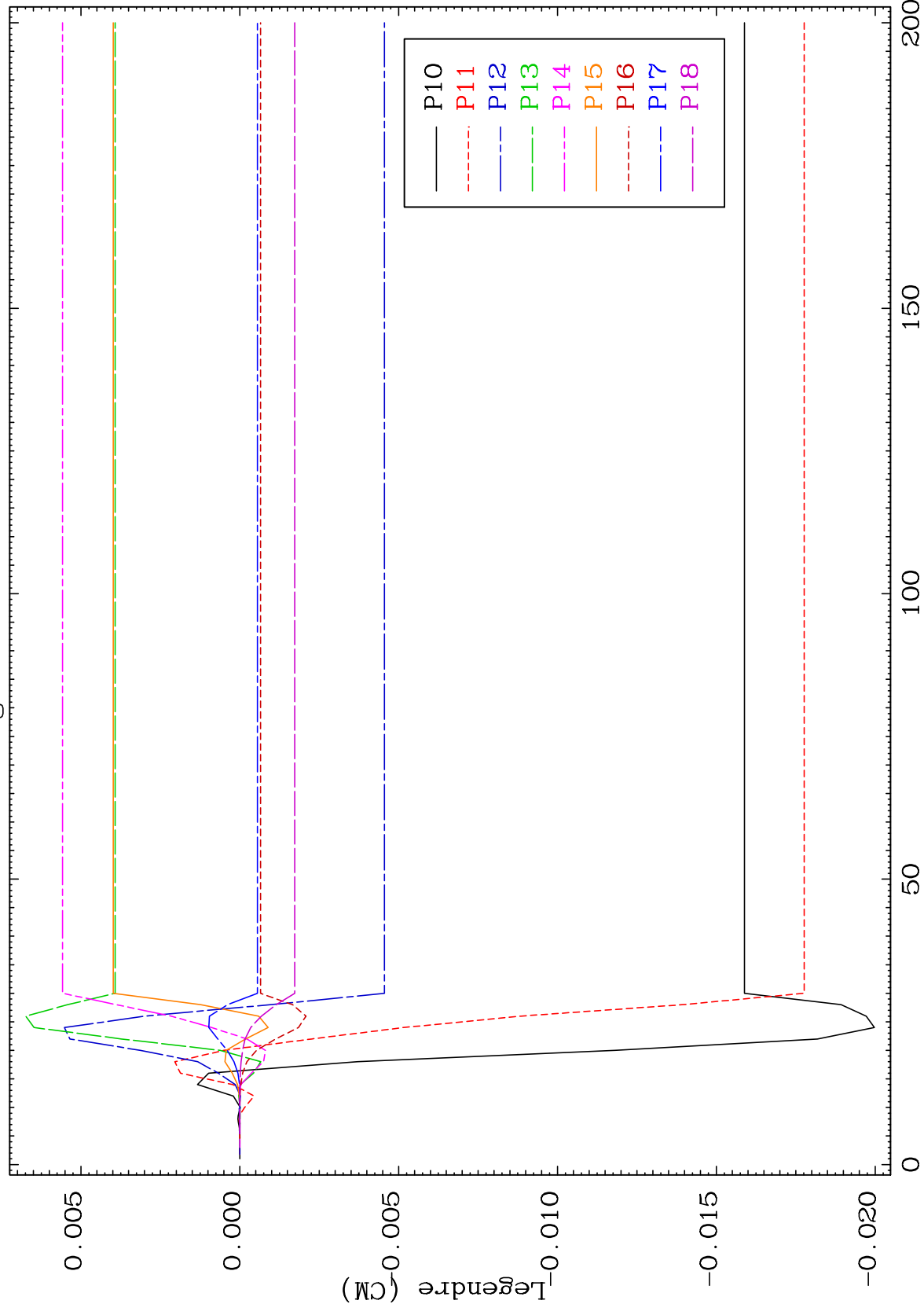
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



89

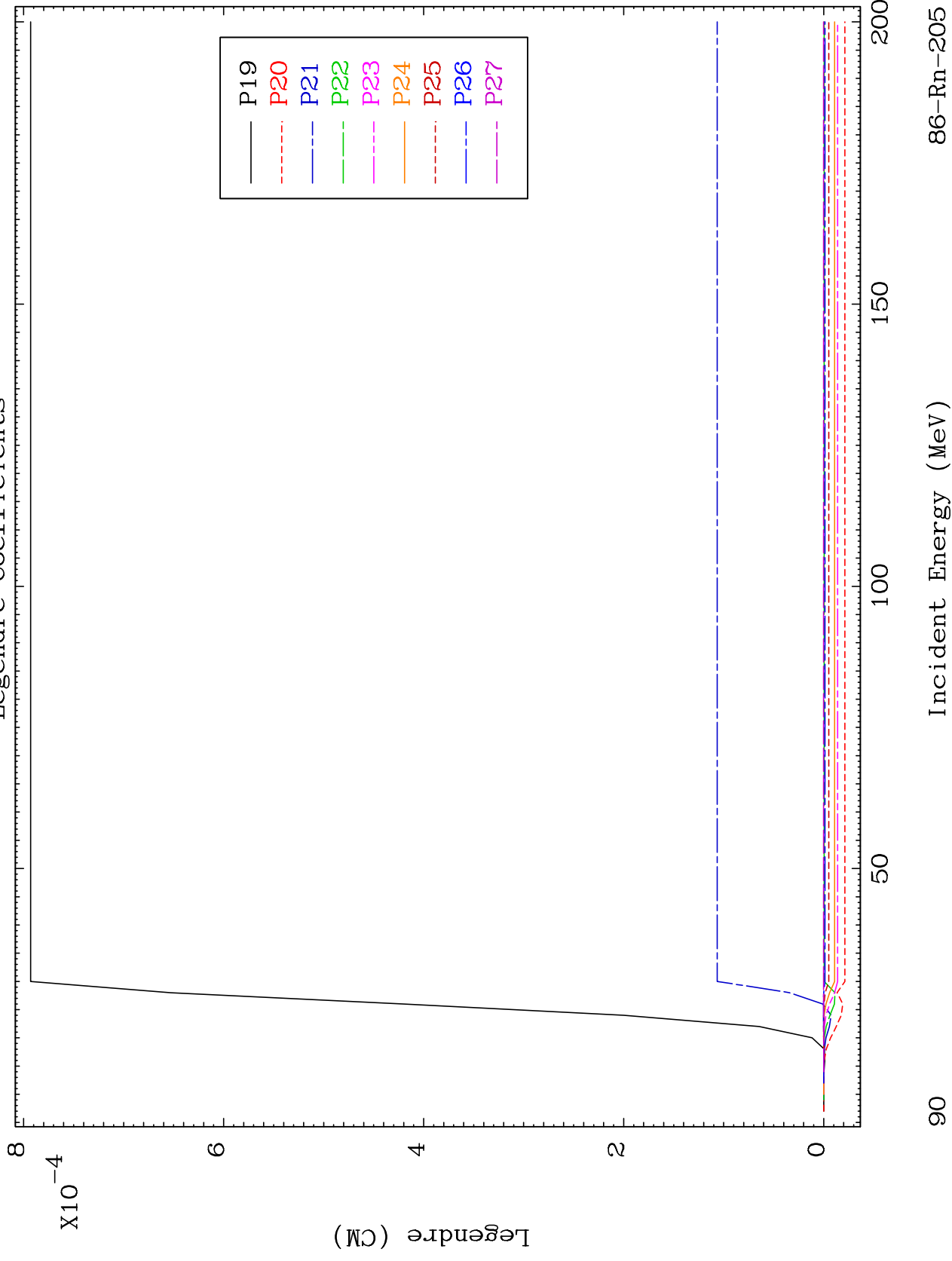
Incident Energy (MeV)

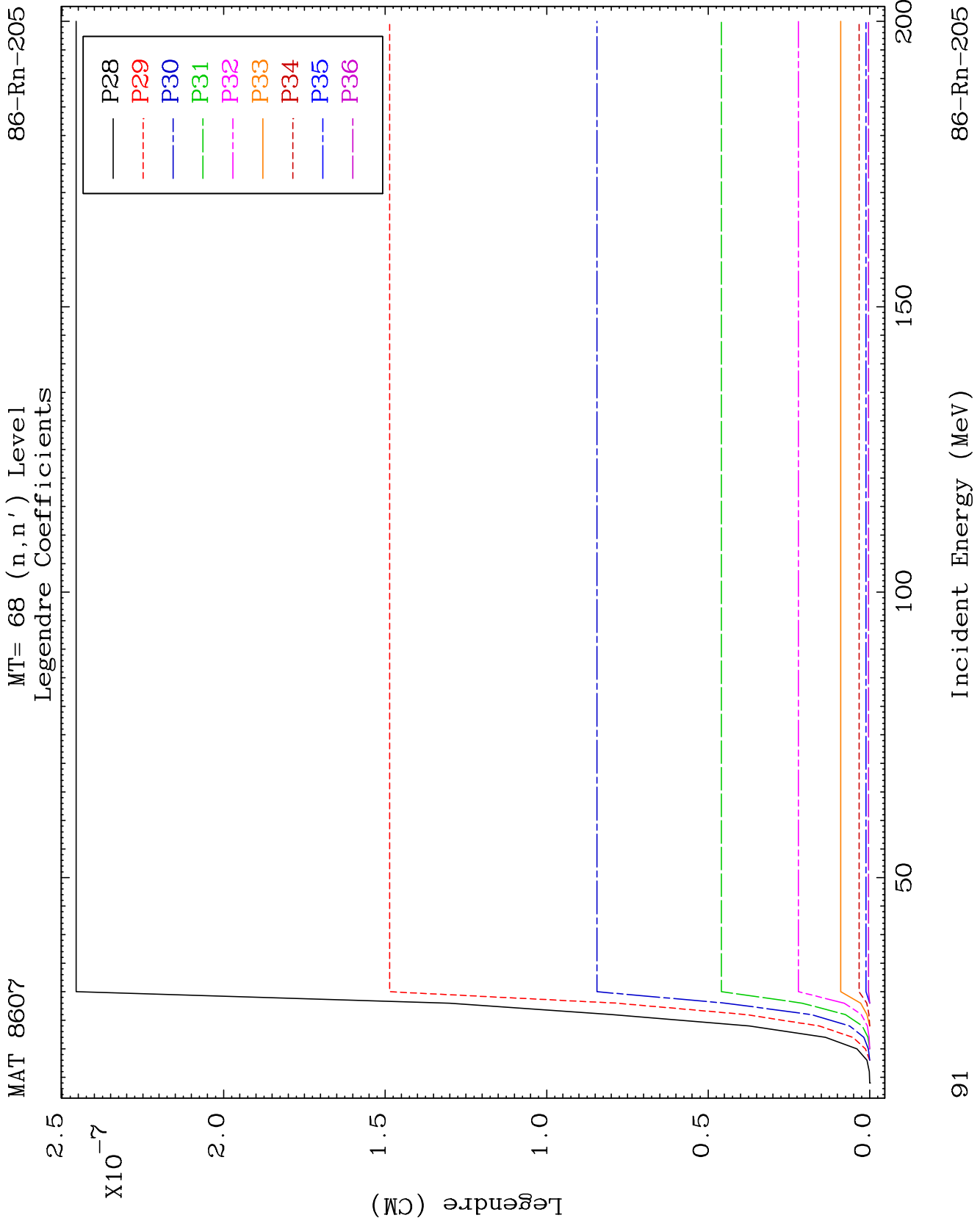
86-Rn-205

MAT 8607

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

86-Rn-205

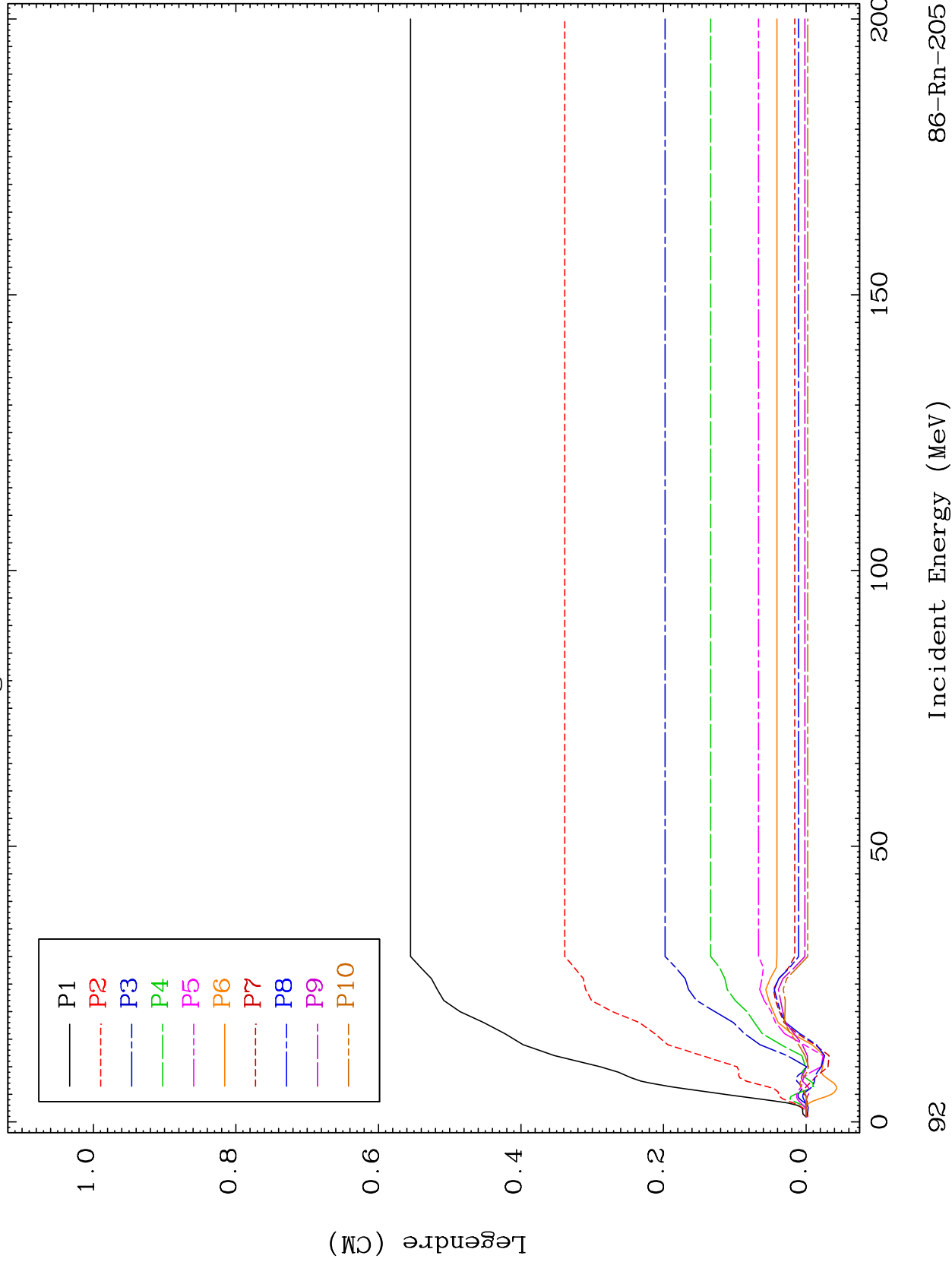




MAT 8607

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

86-Rn-205



92

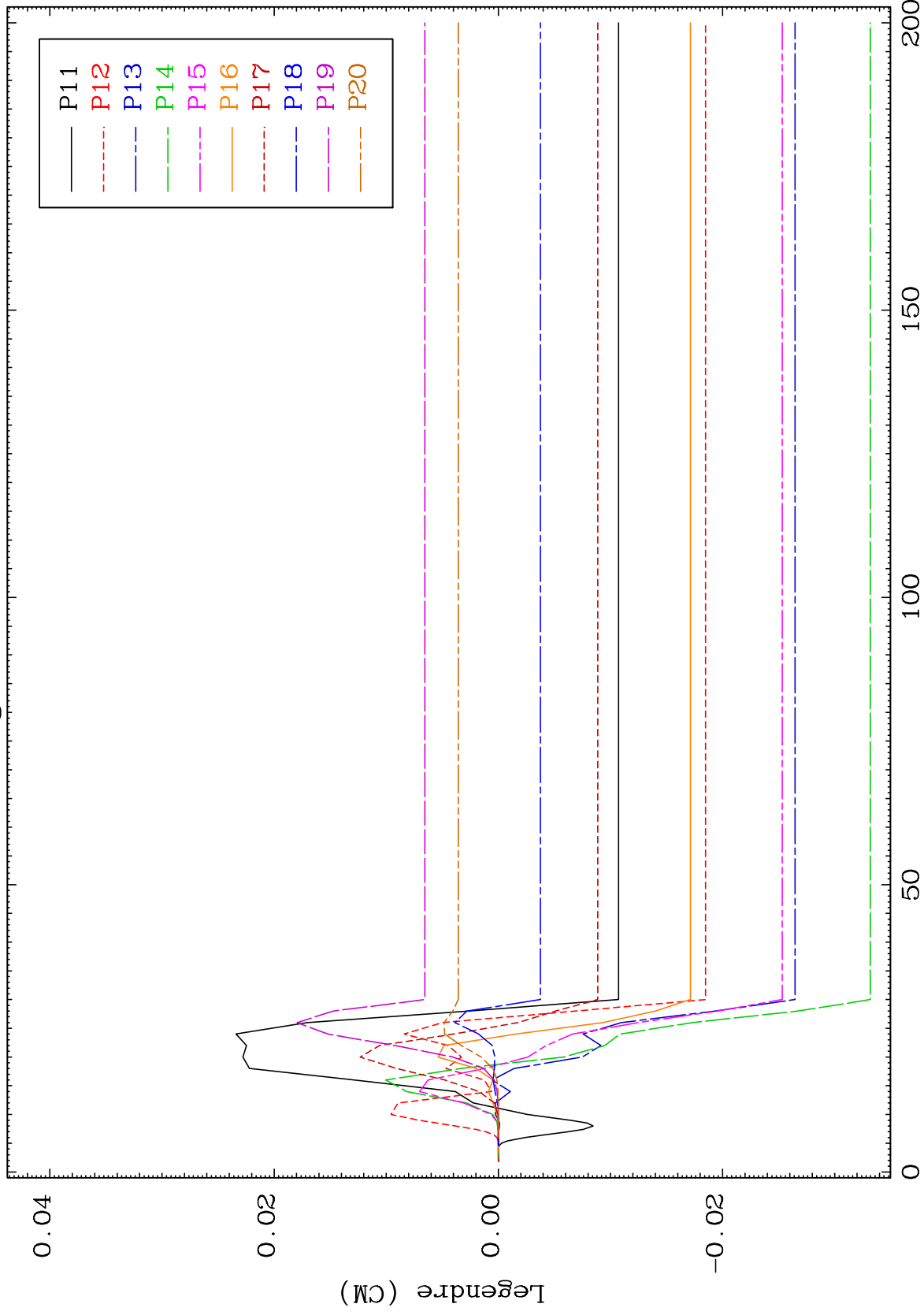
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



93

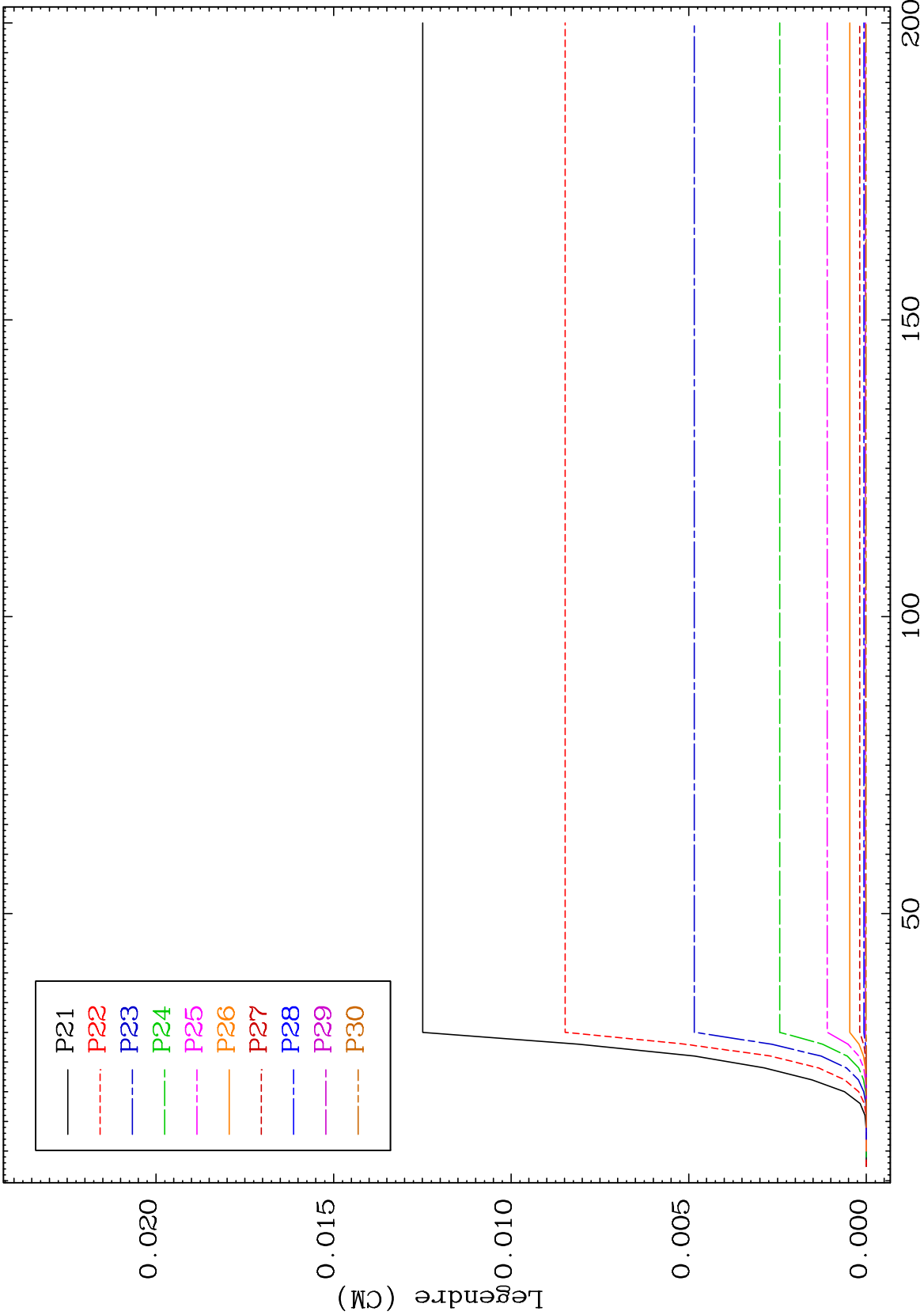
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



94

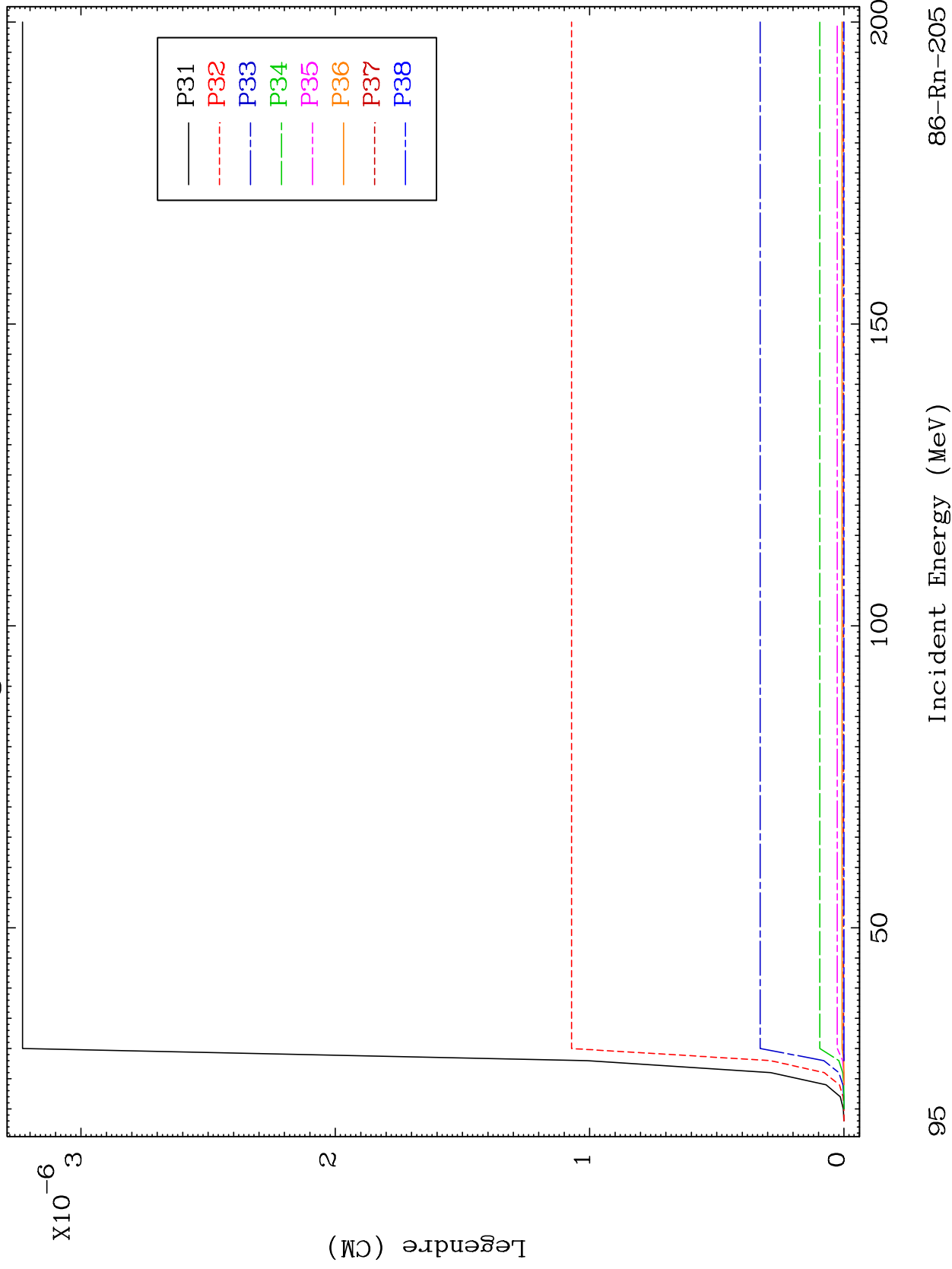
Incident Energy (MeV)

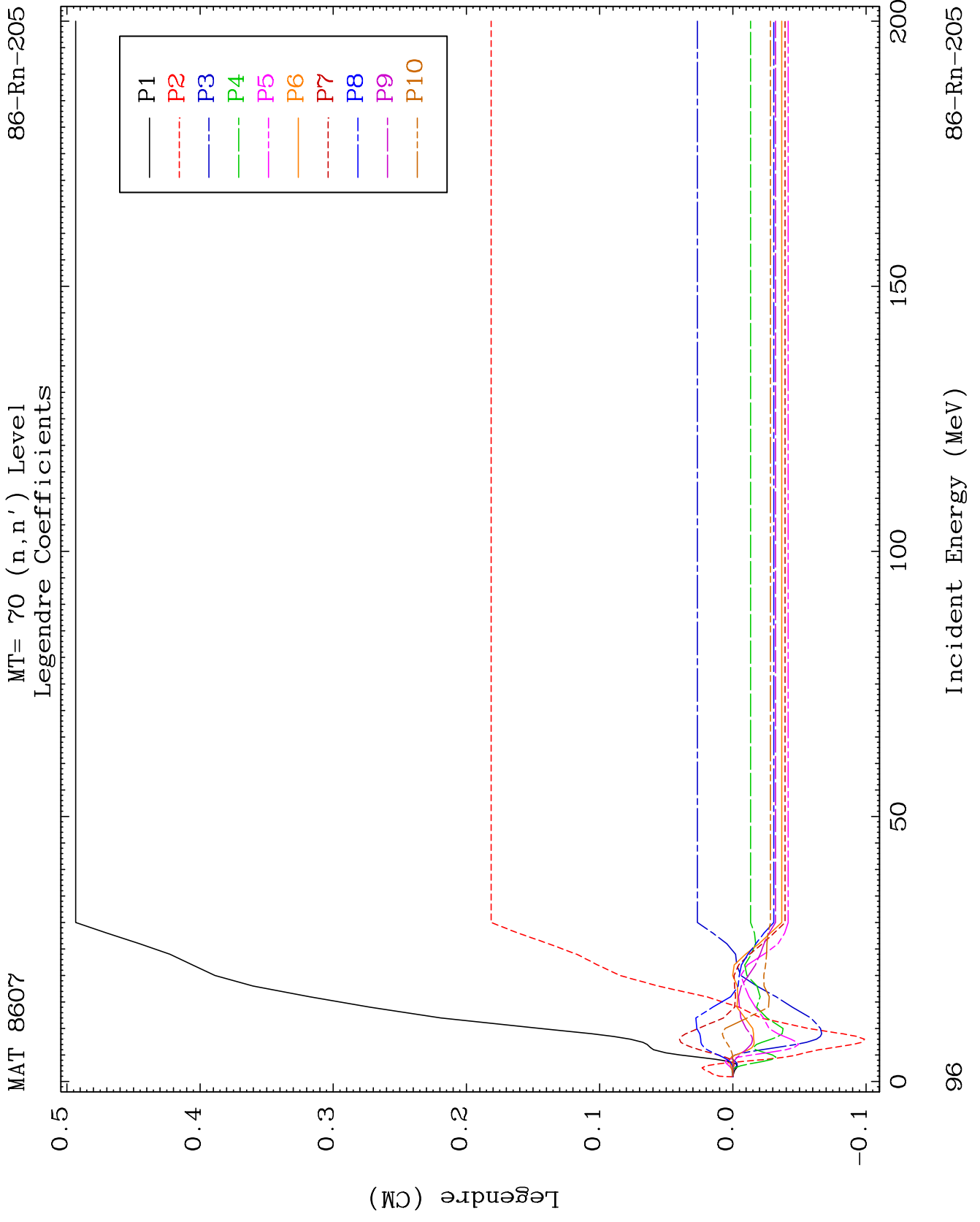
86-Rn-205

MAT 8607

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

86-Rn-205

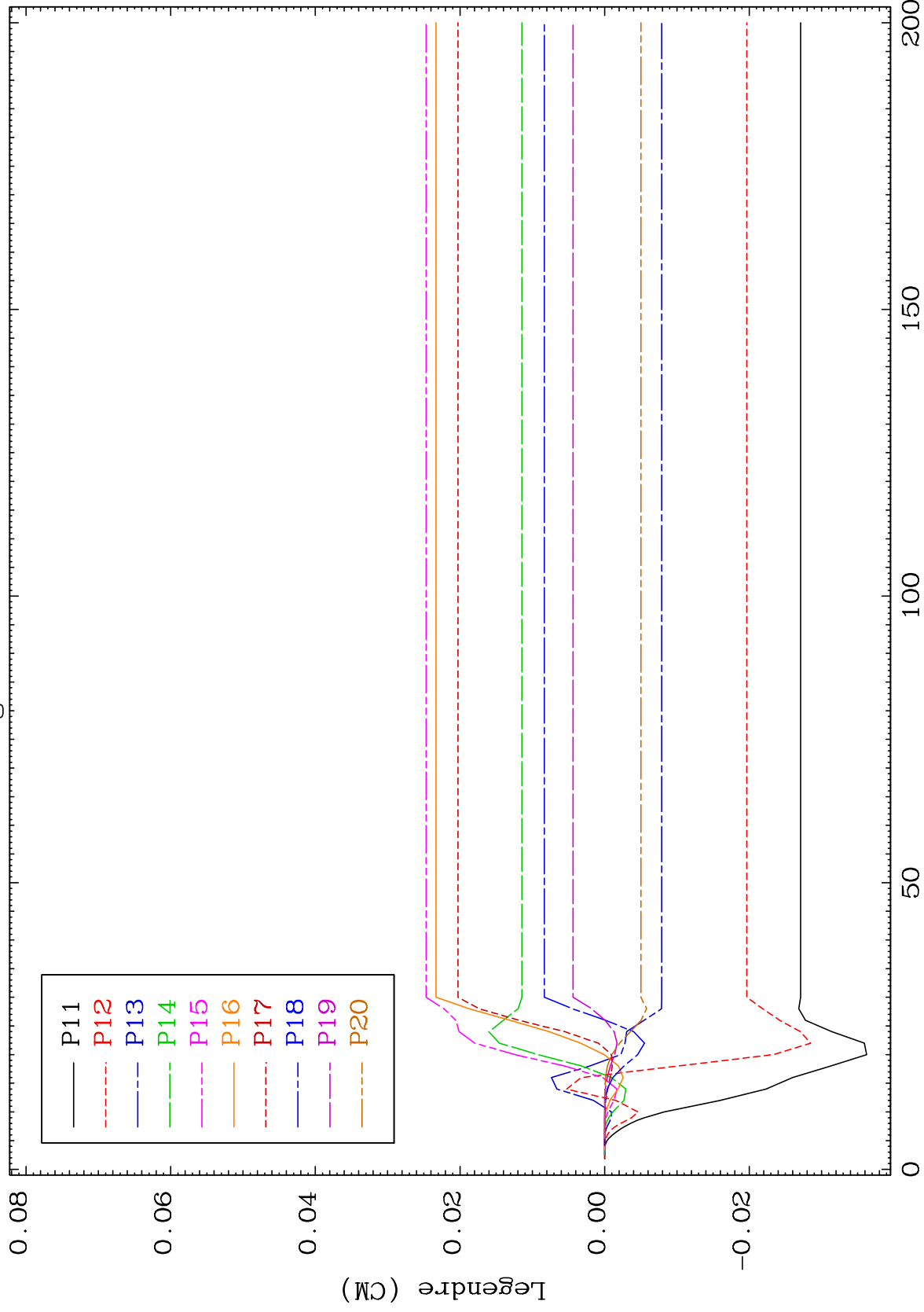




MAT 8607

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

86-Rn-205



97

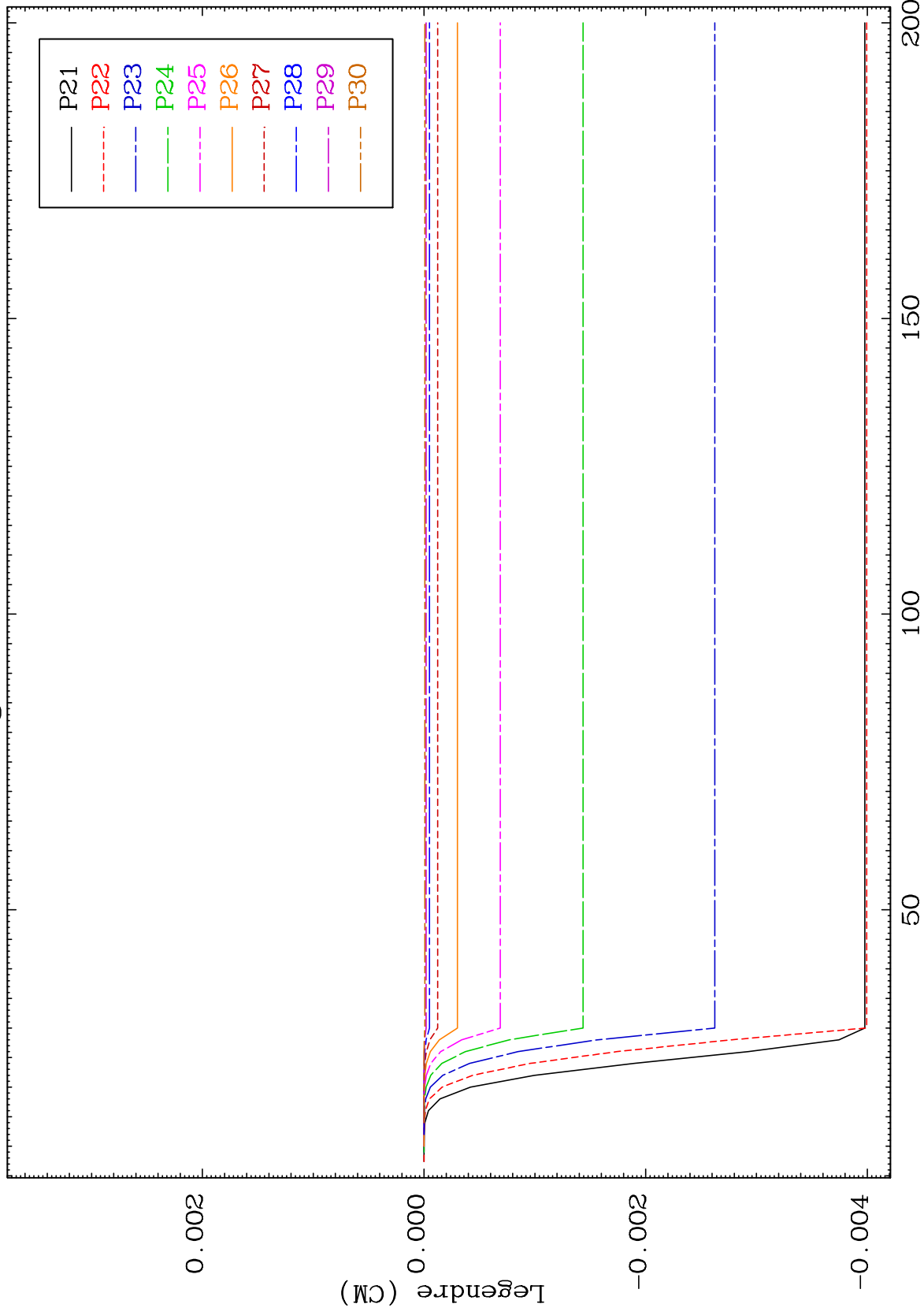
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

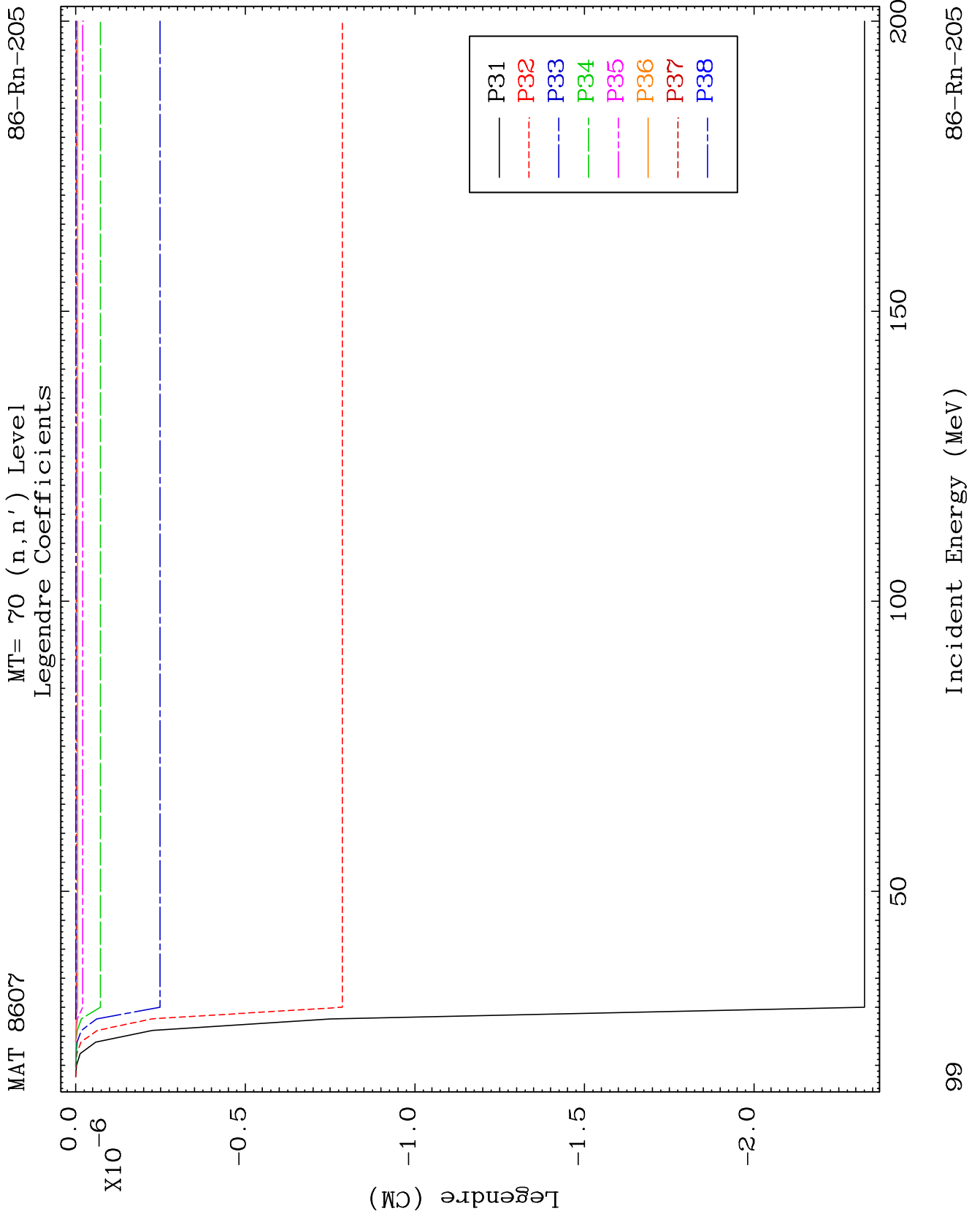
86-Rn-205



98

Incident Energy (MeV)

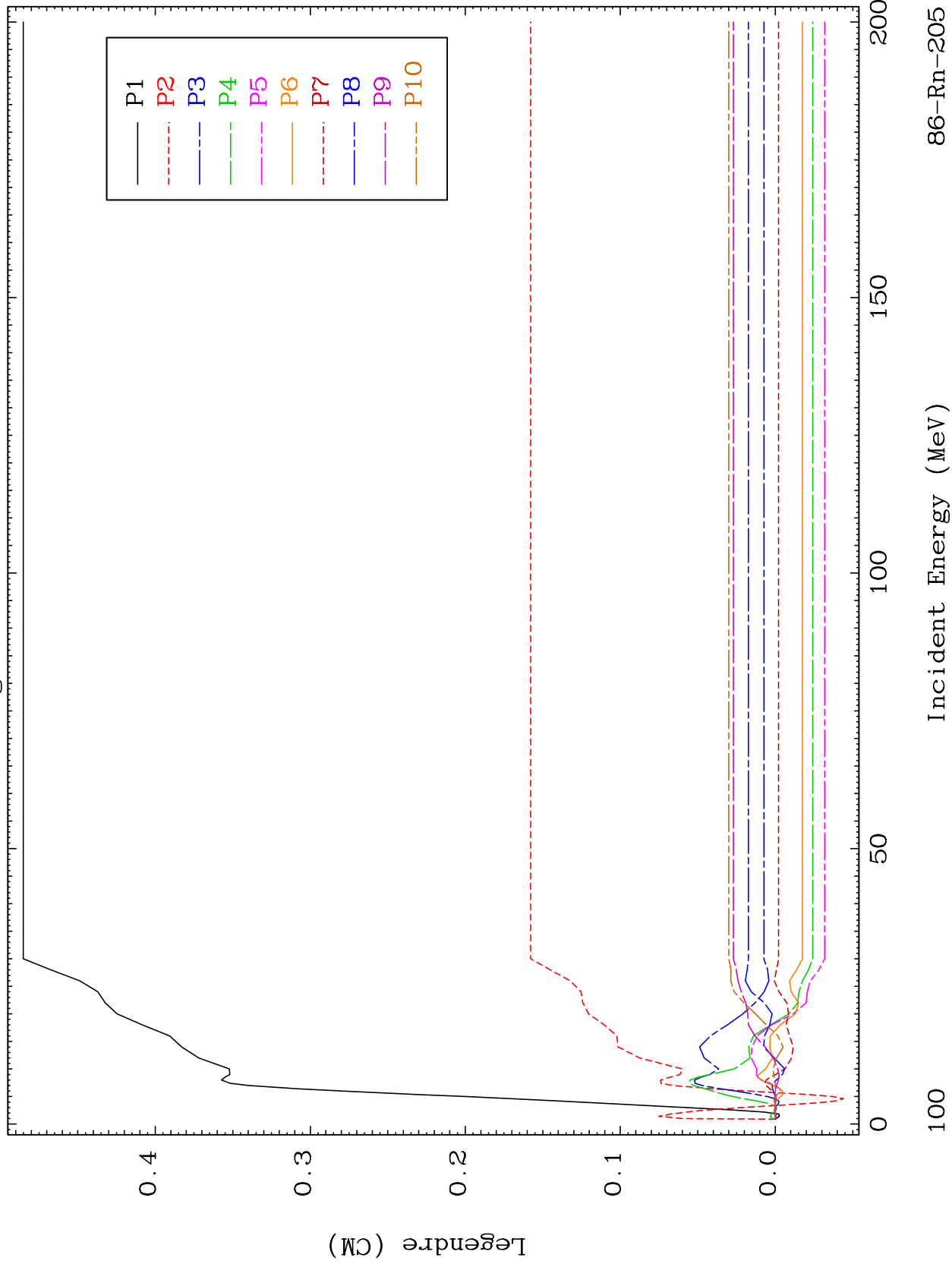
86-Rn-205



MAT 8607

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

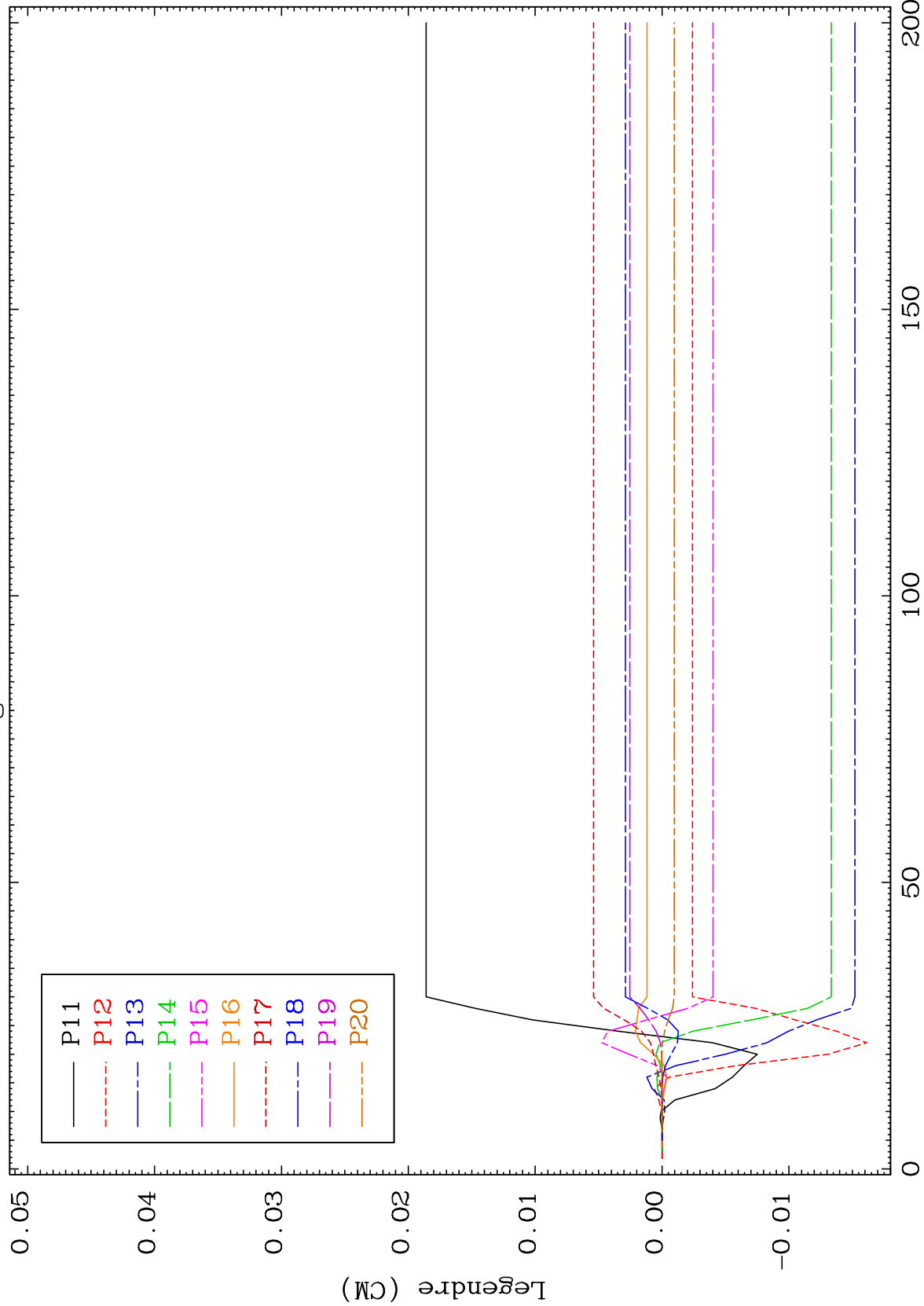
86-Rn-205



MAT 8607

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

86-Rn-205



101

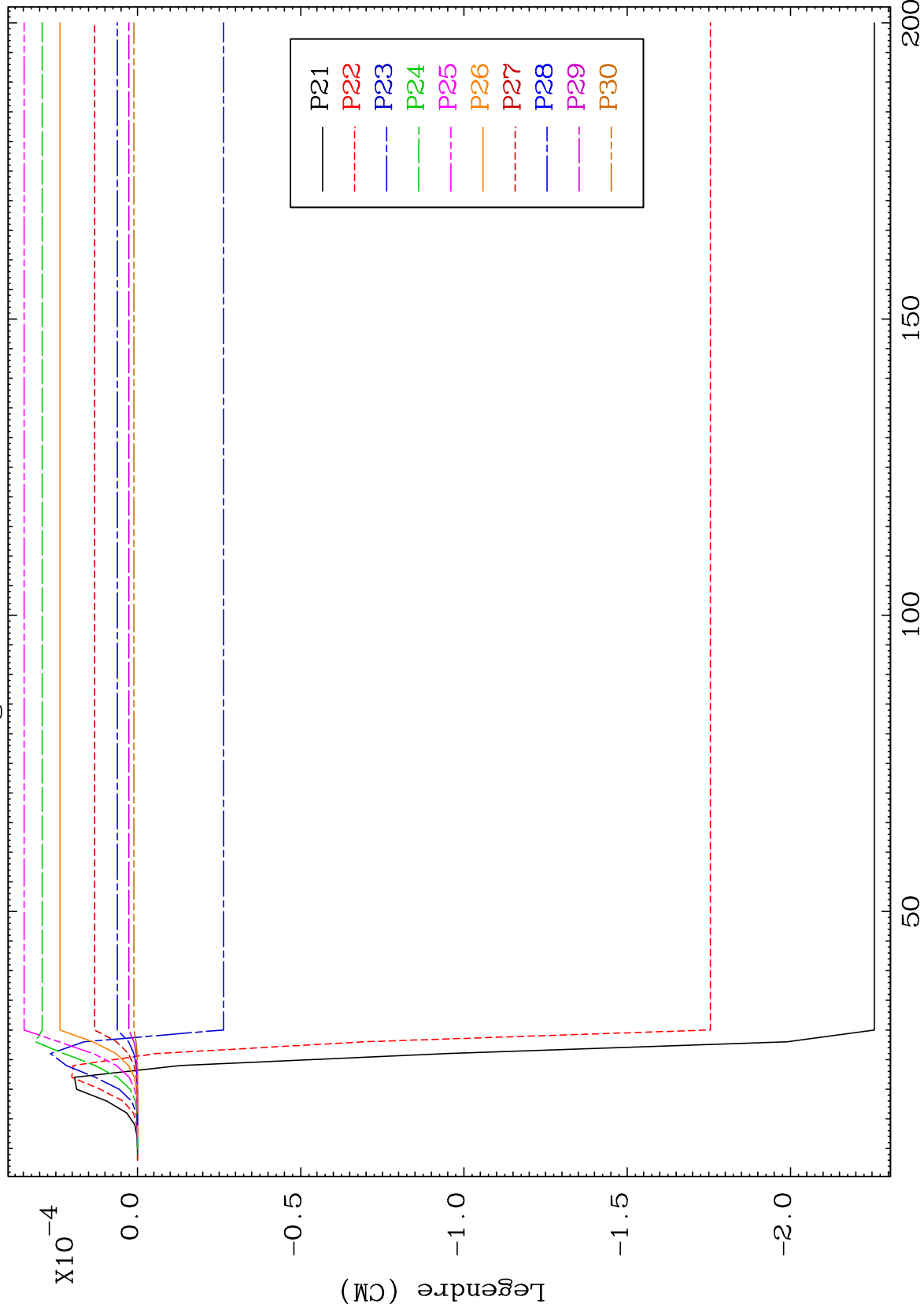
Incident Energy (MeV)

86-Rn-205

MAT 8607

86-Rn-205

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



102

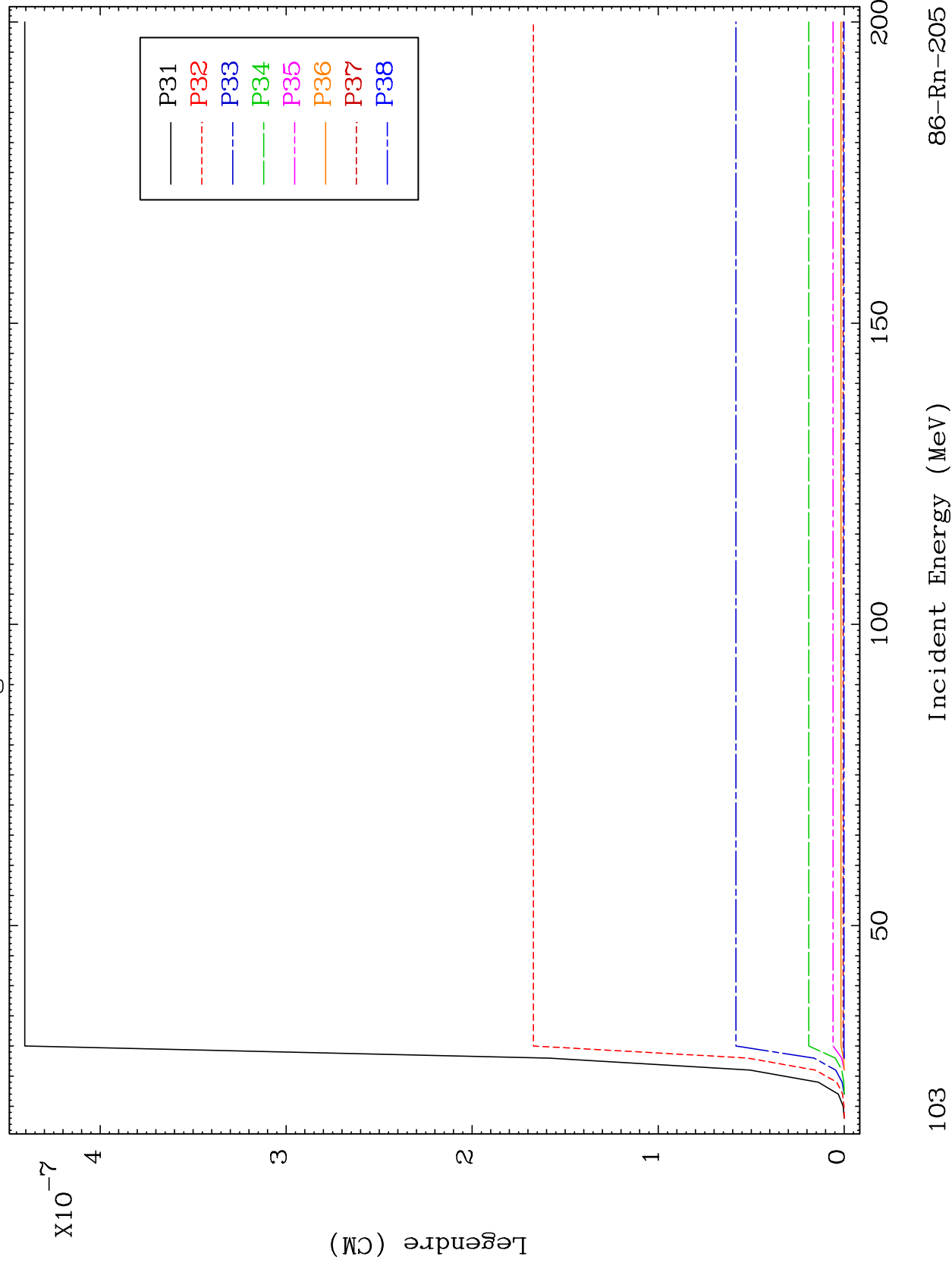
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

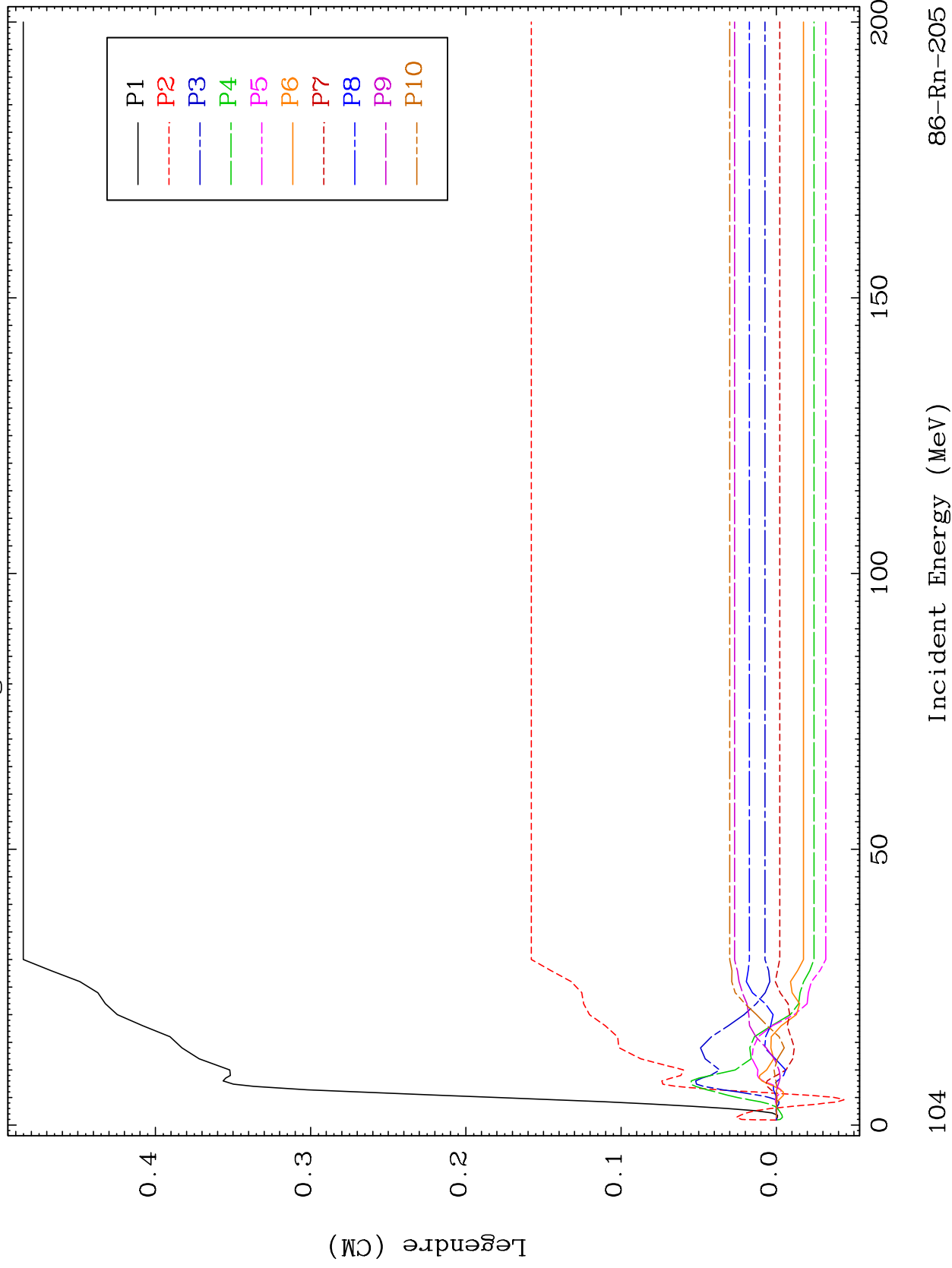
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

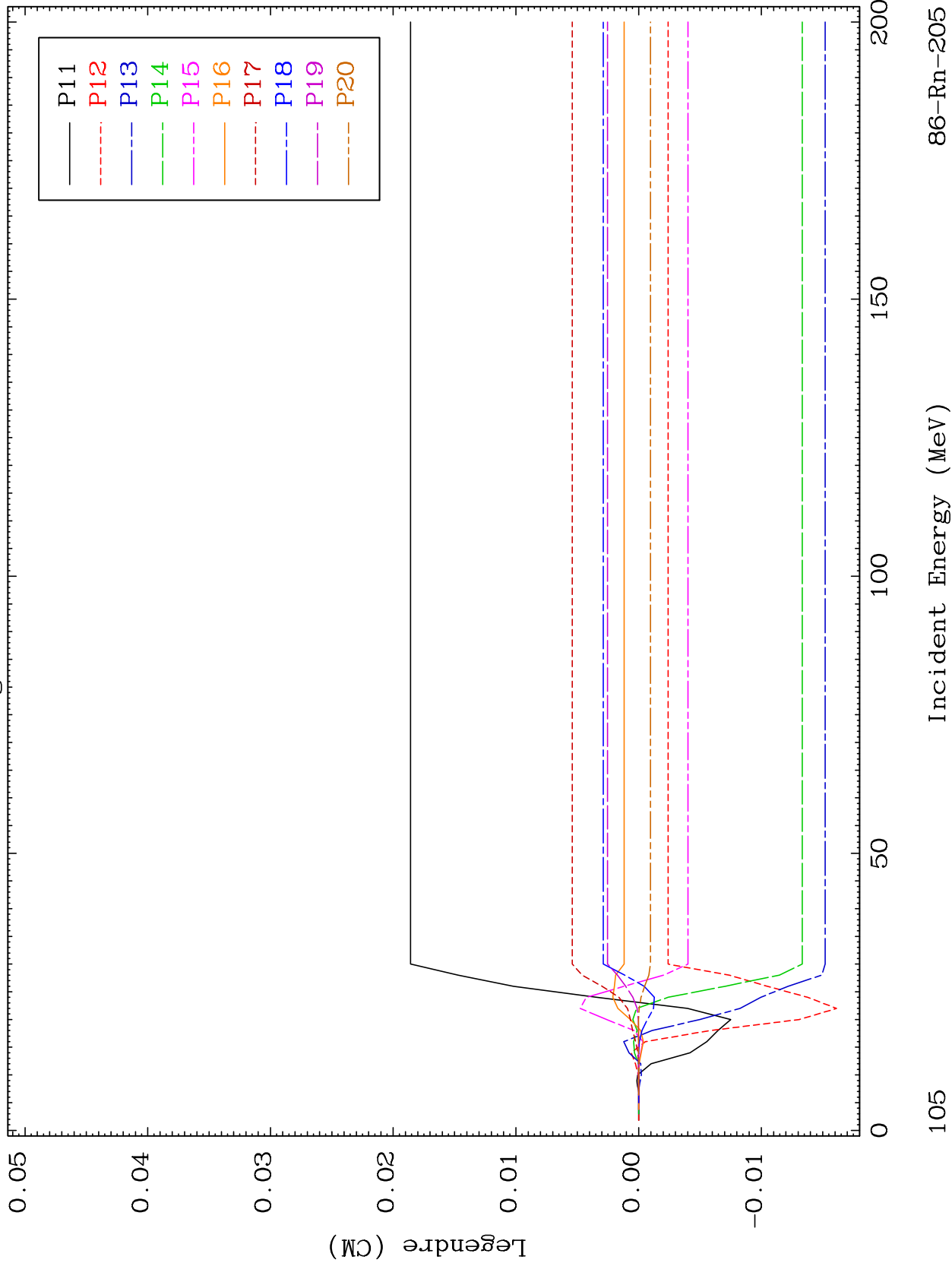
Incident Energy (MeV)

104

MAT 8607

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

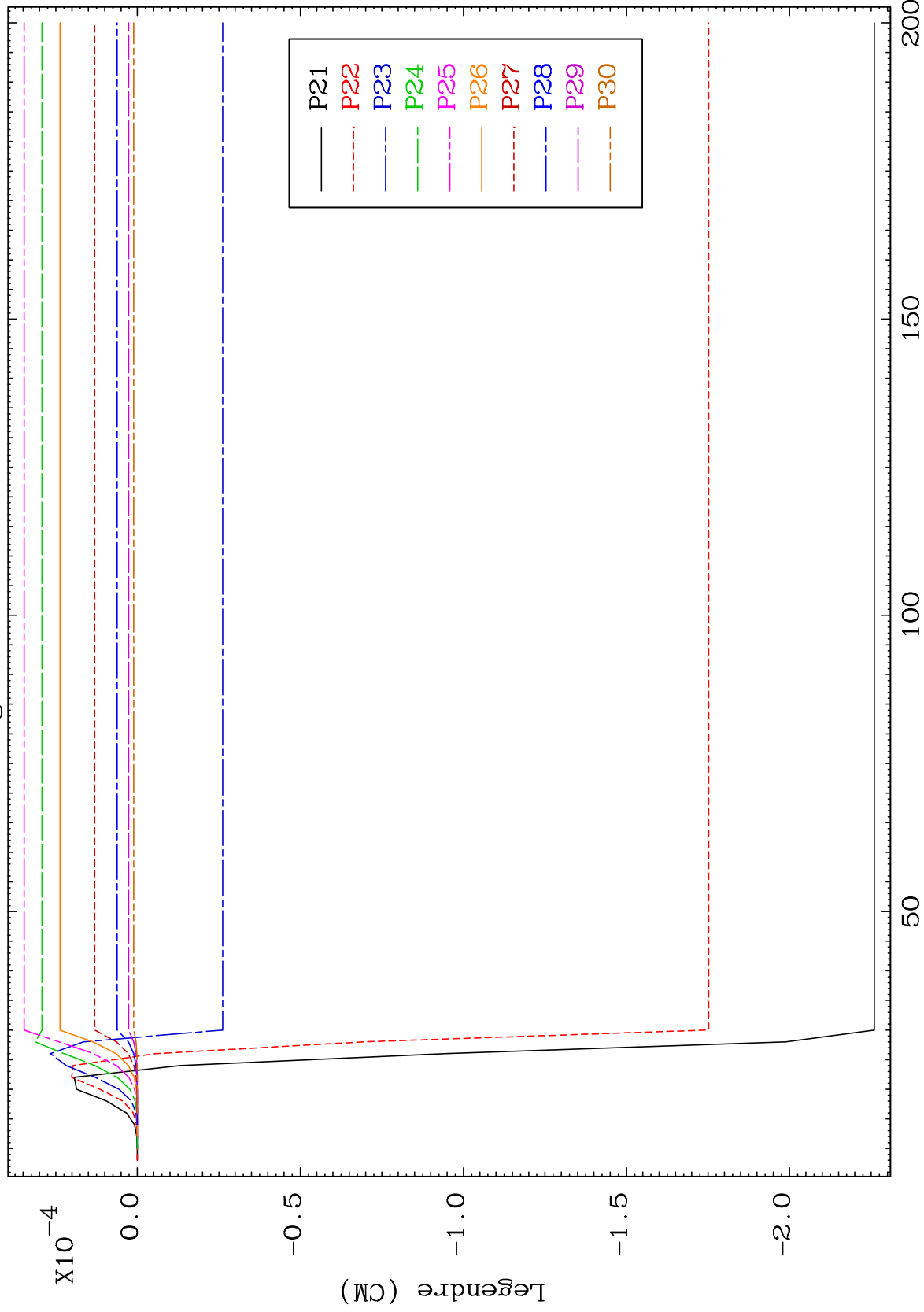
86-Rn-205



MAT 8607

86-Rn-205

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



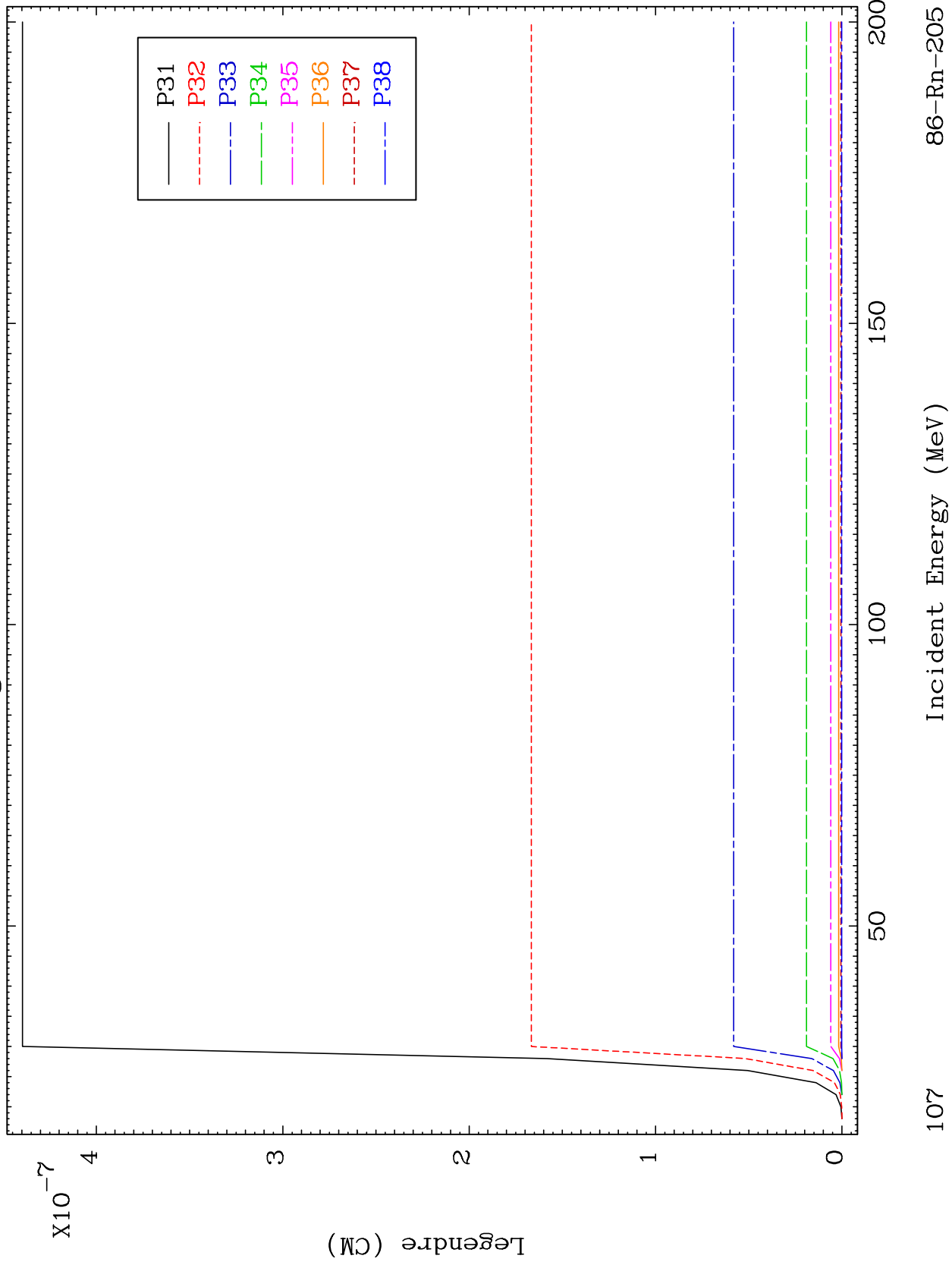
106

86-Rn-205

MAT 8607

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

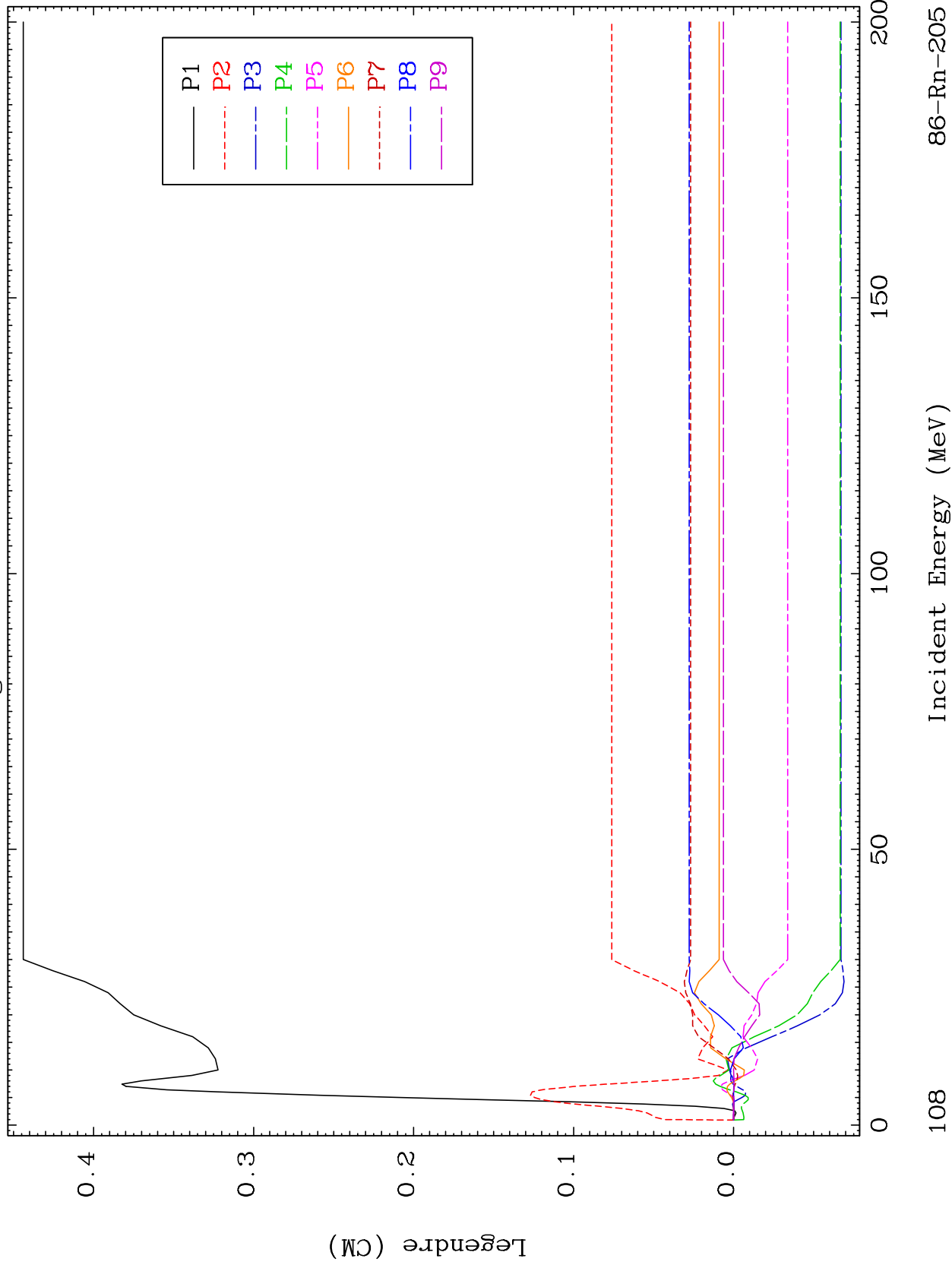
86-Rn-205



MAT 8607

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

86-Rn-205



108

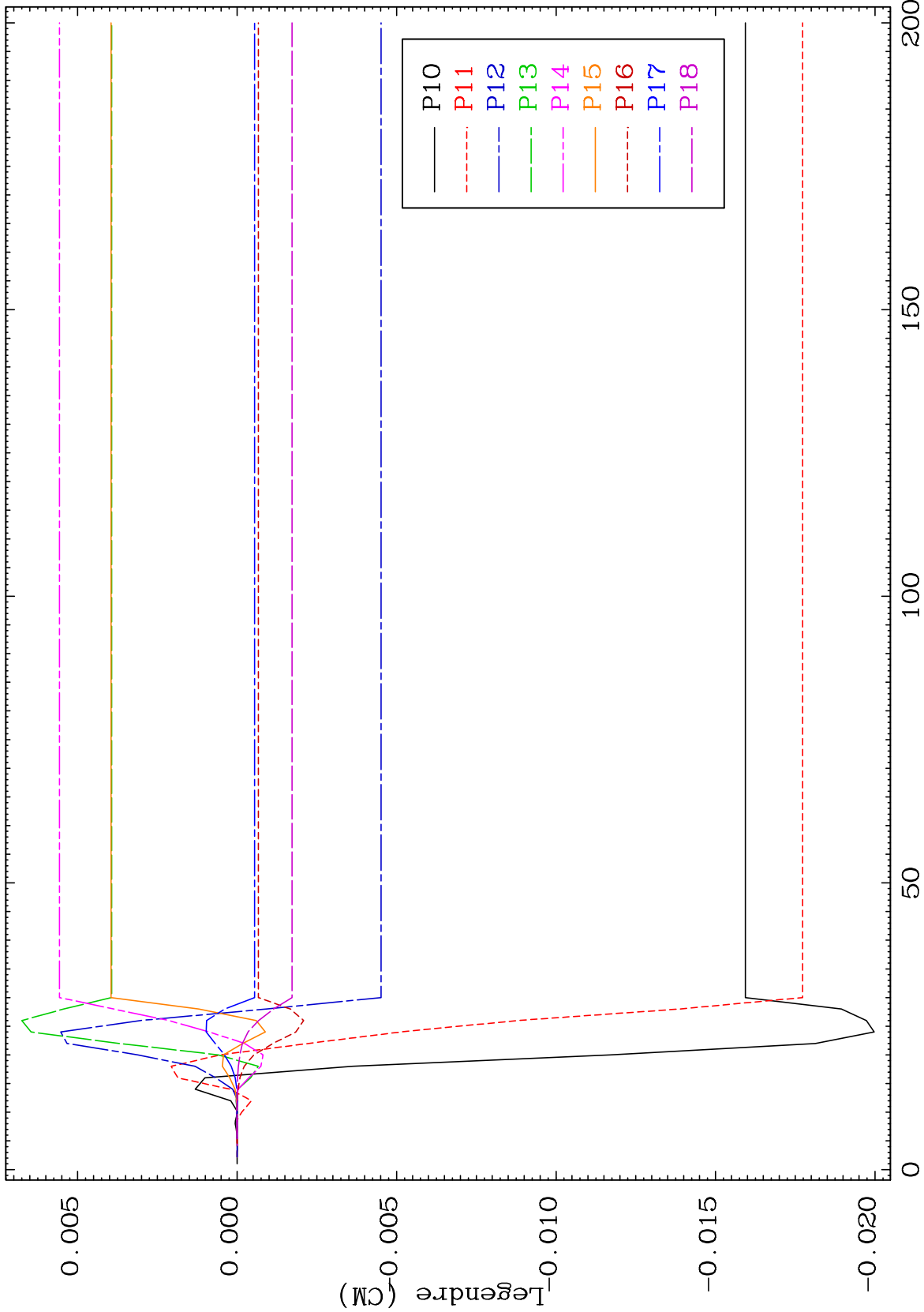
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



109

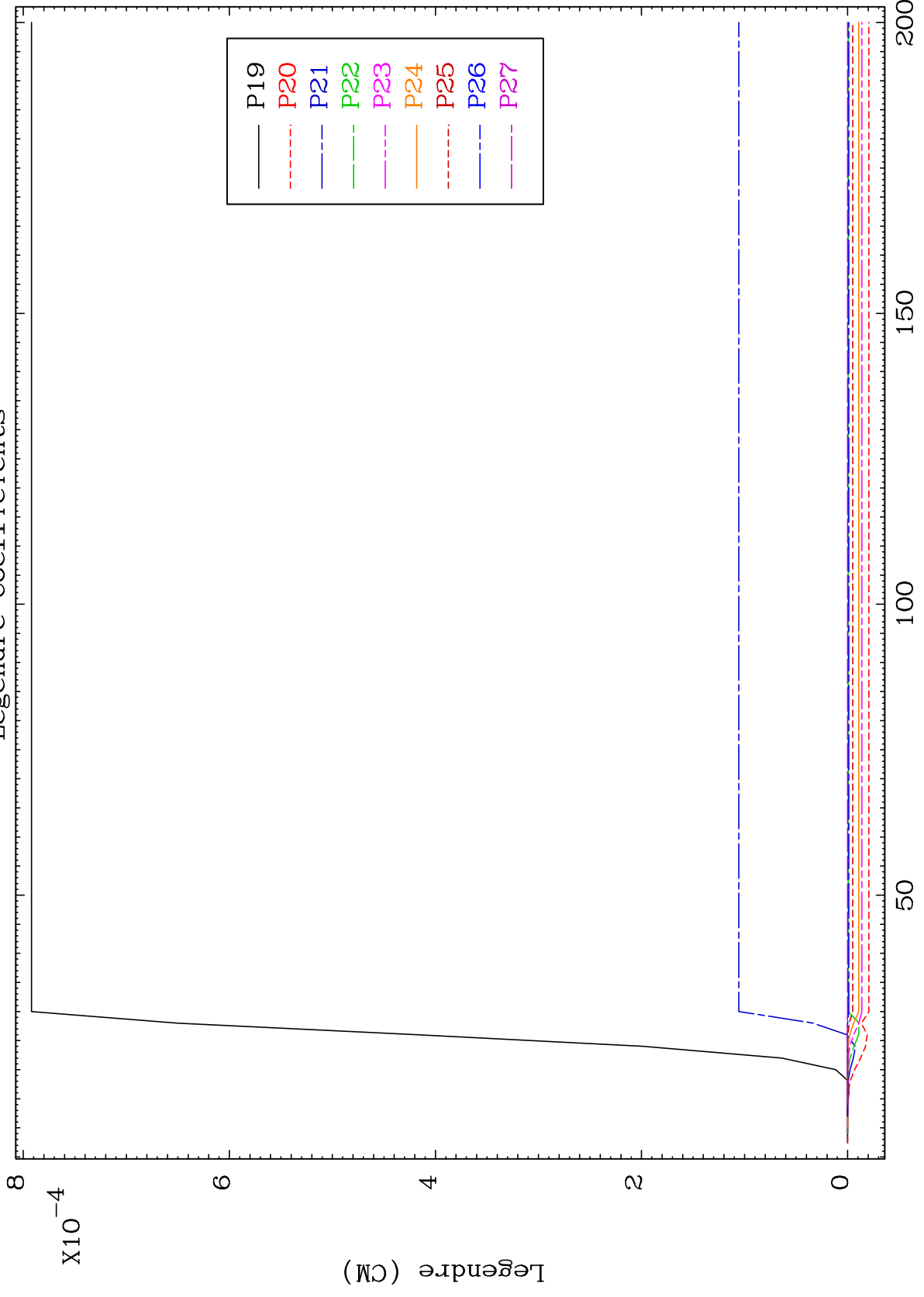
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

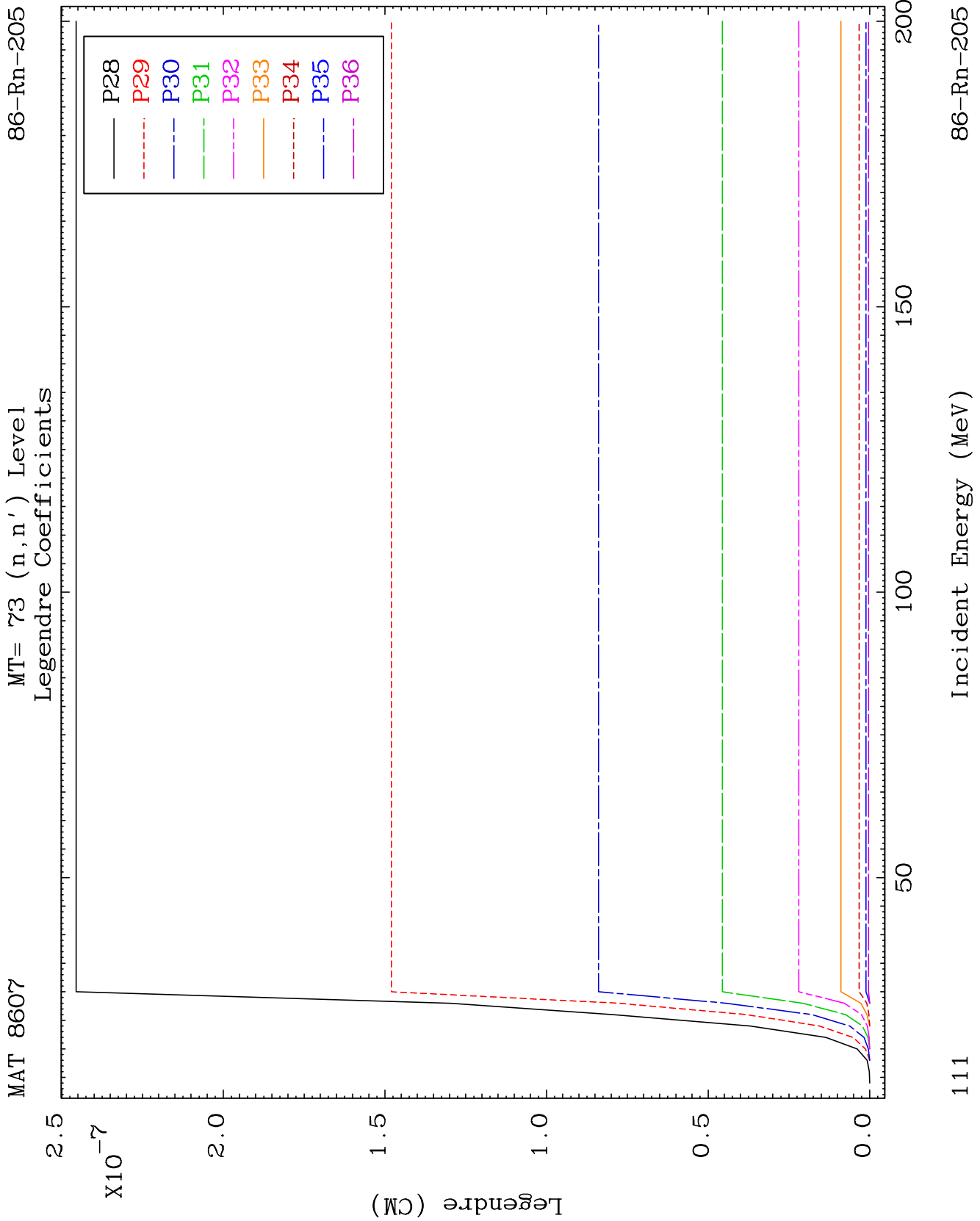
86-Rn-205



110

Incident Energy (MeV)

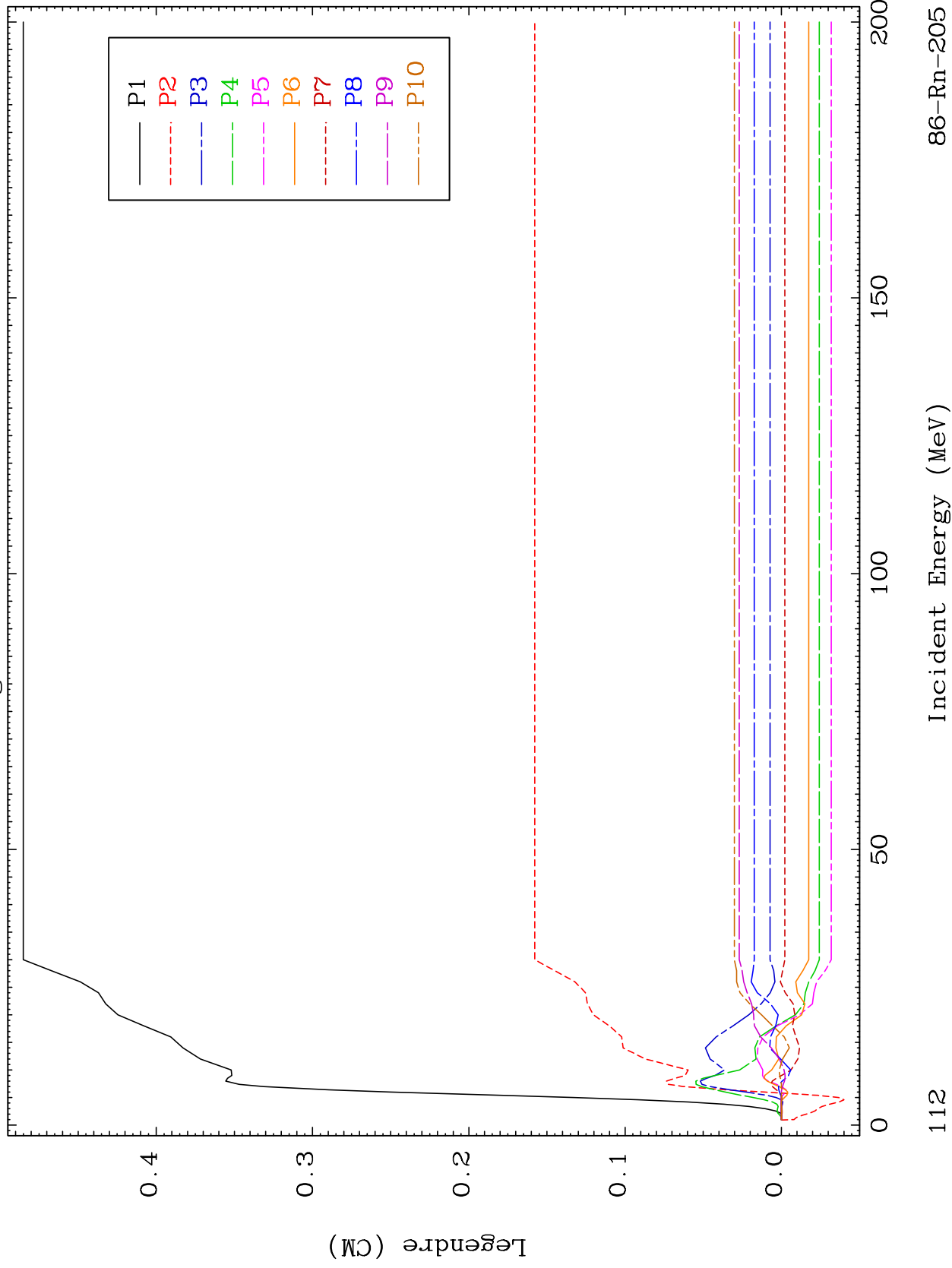
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

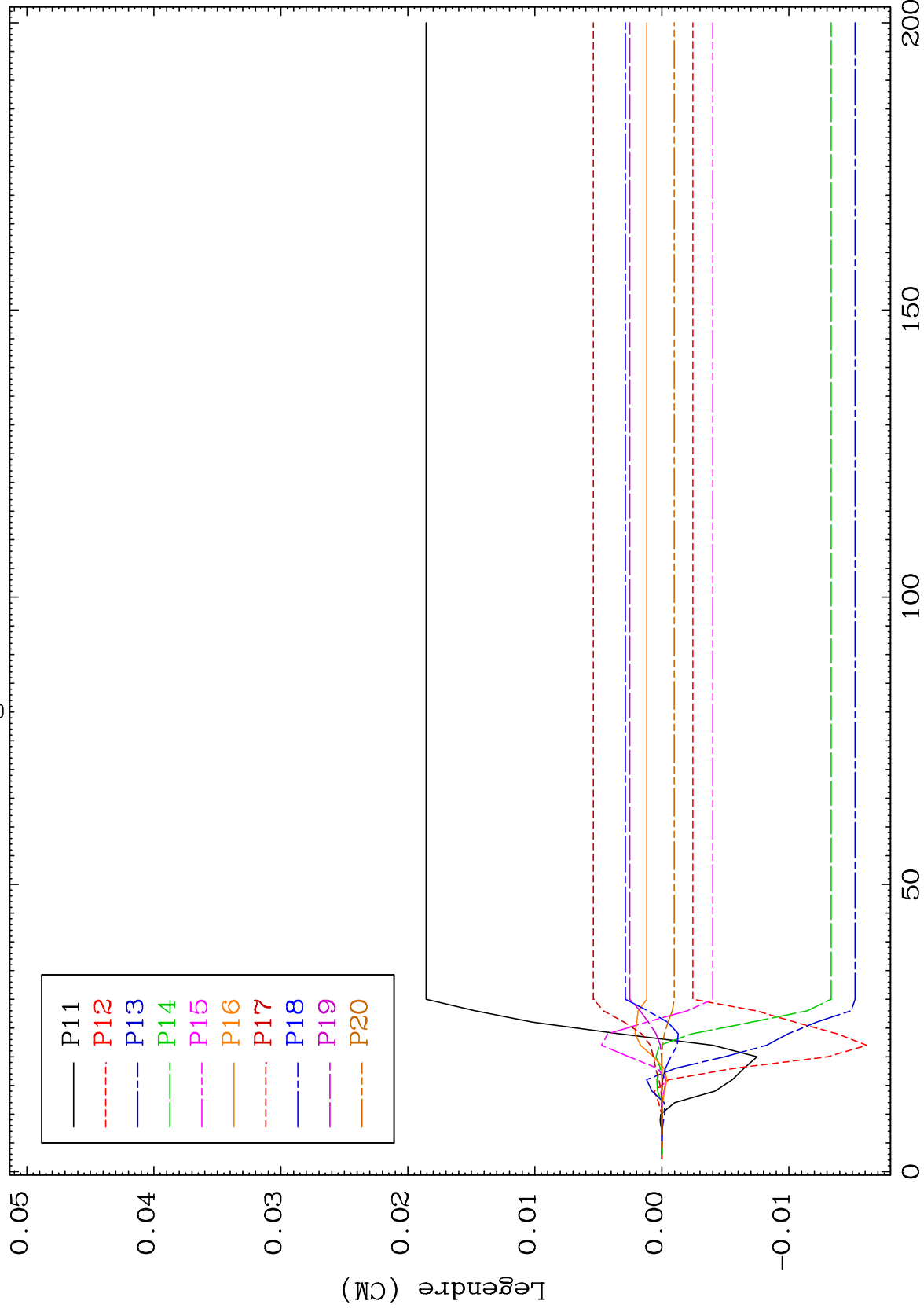
Incident Energy (MeV)

112

MAT 8607

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

86-Rn-205



113

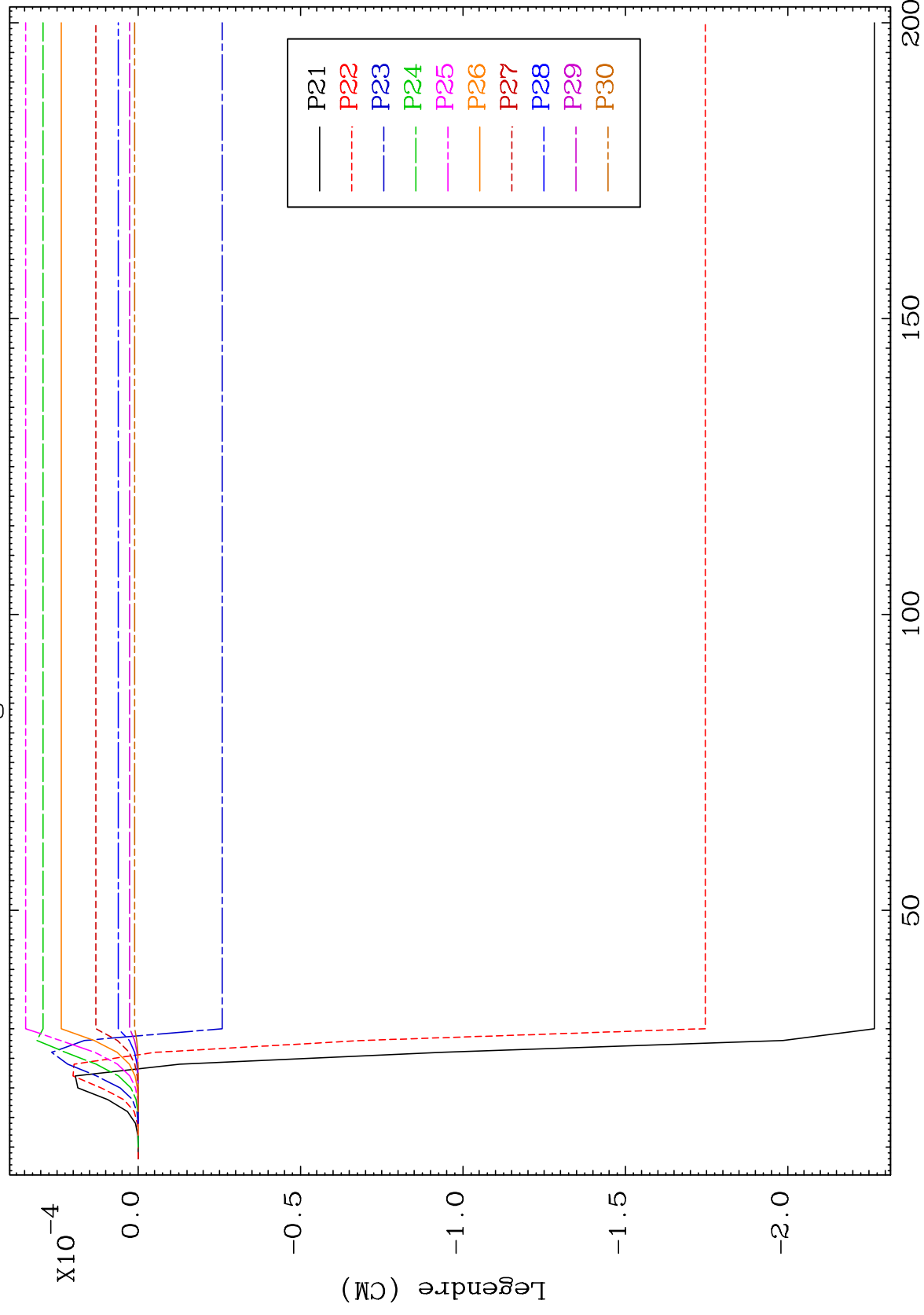
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



114

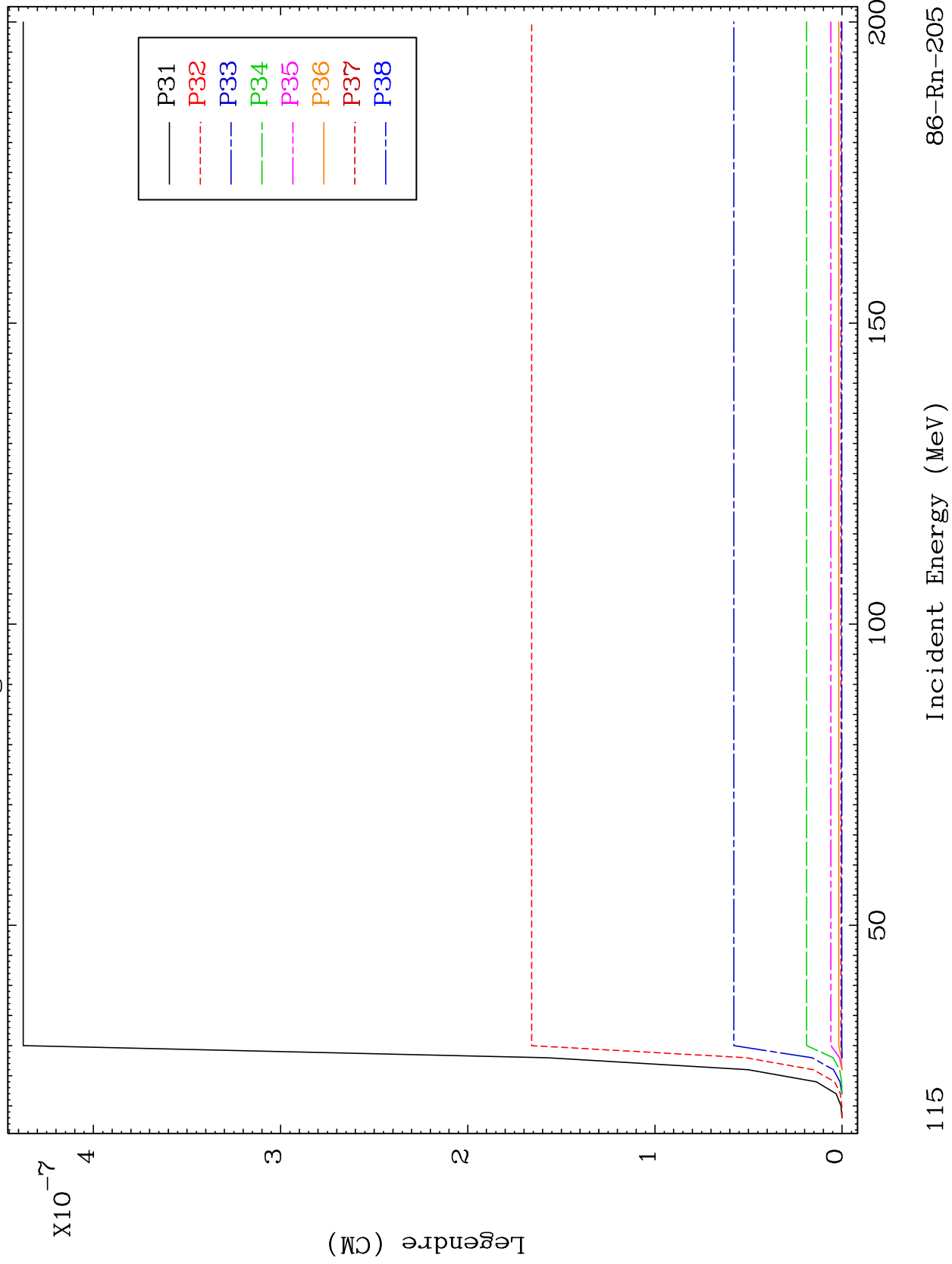
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

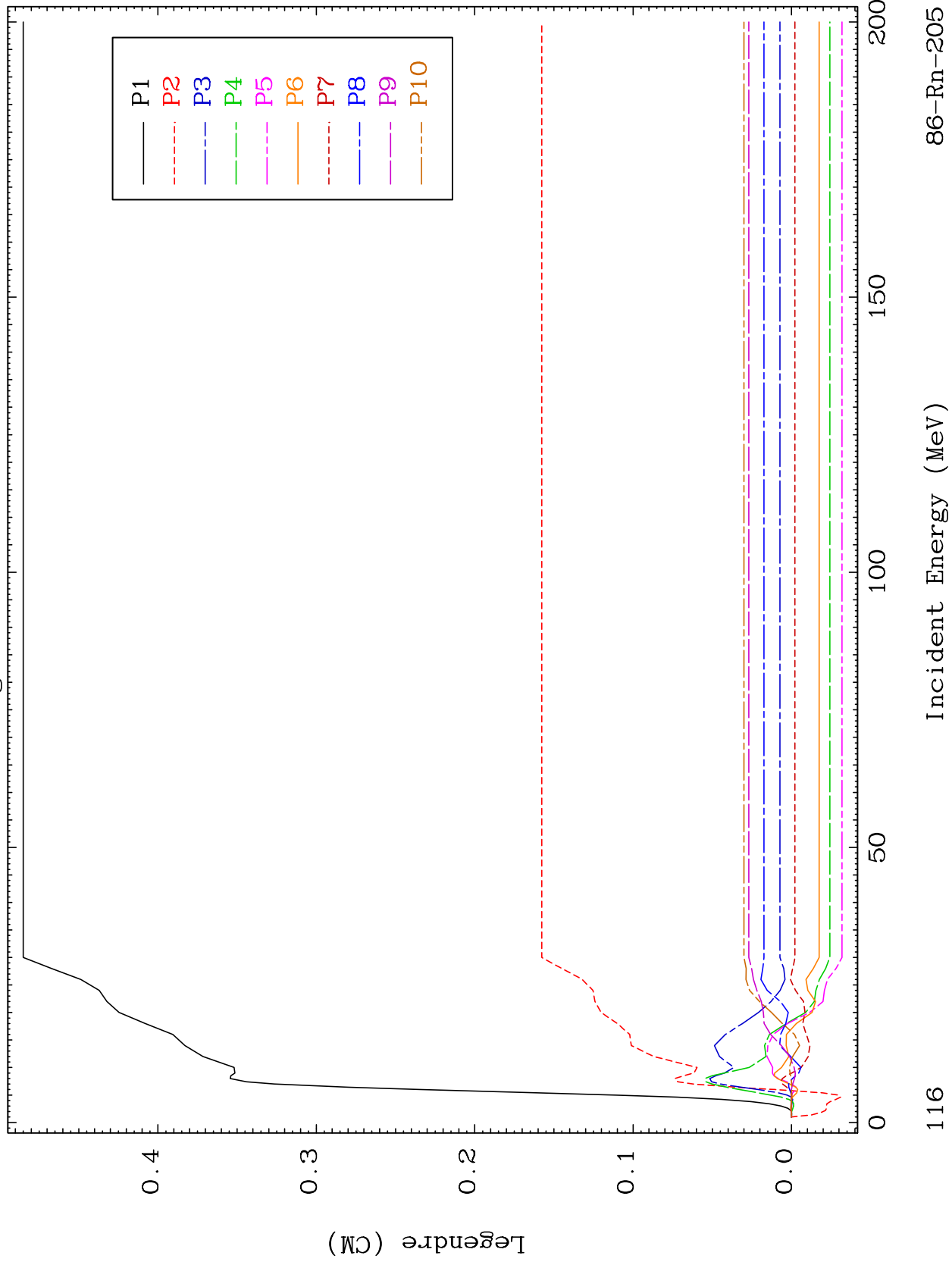
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

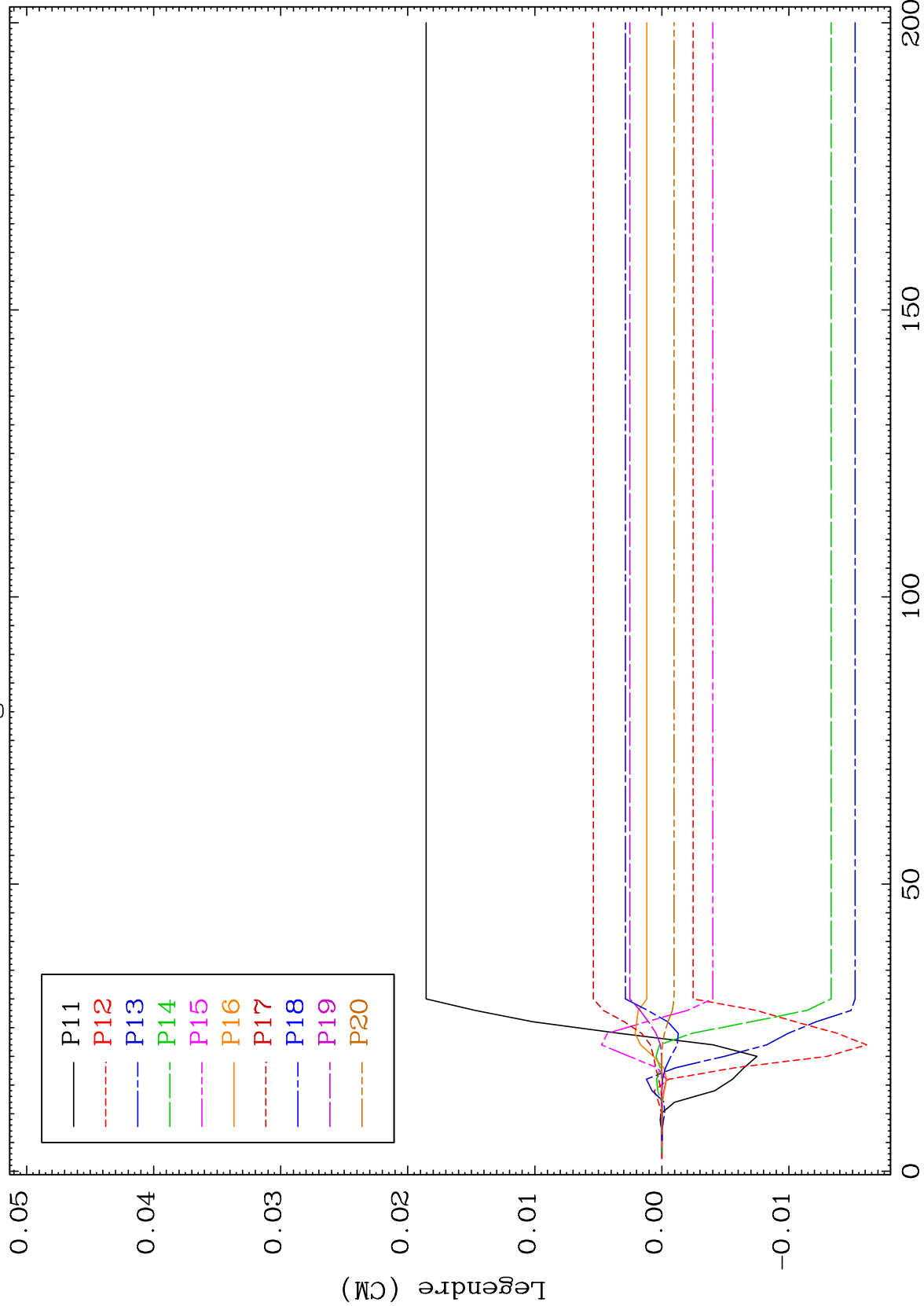
Incident Energy (MeV)

116

MAT 8607

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

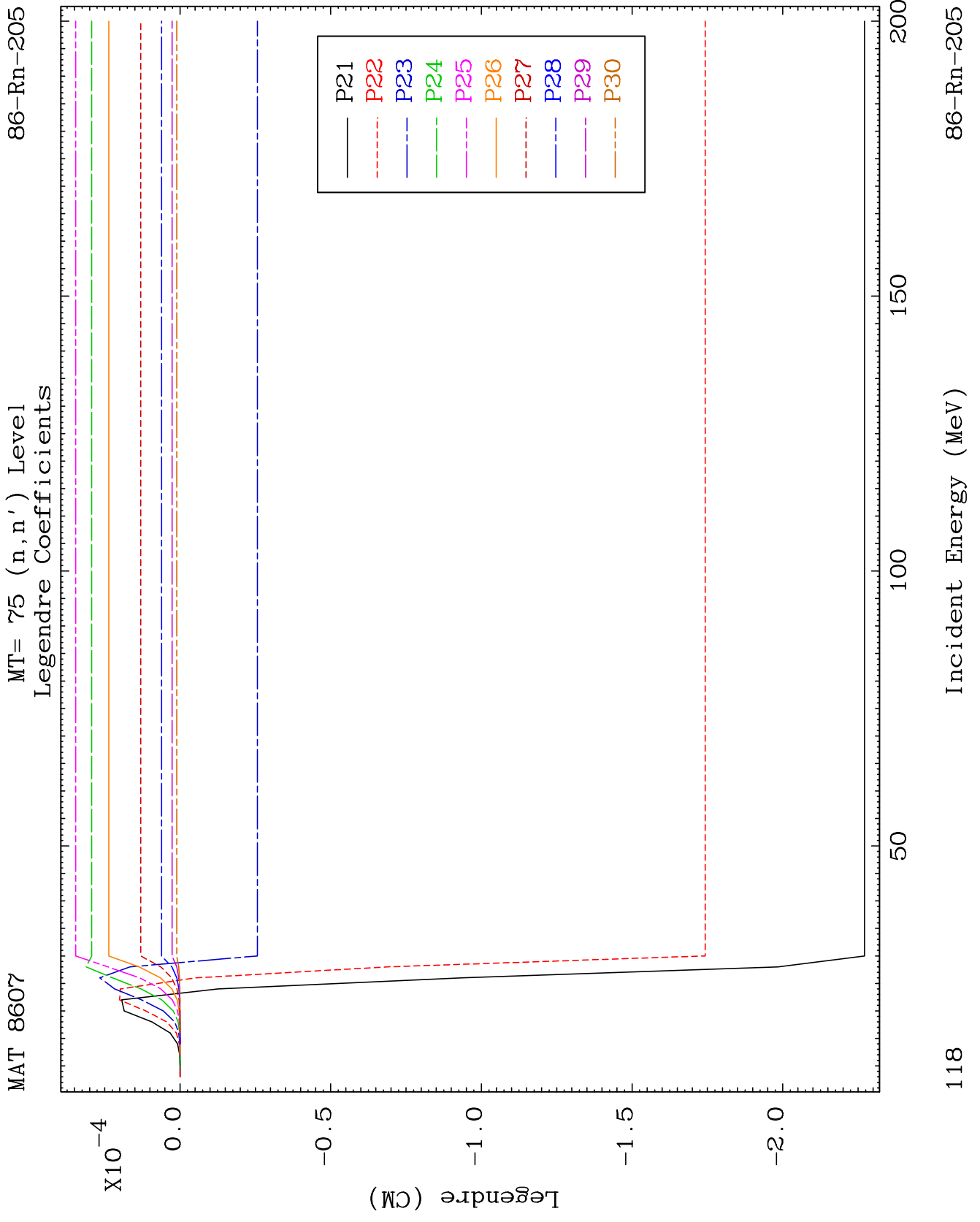
86-Rn-205



117

Incident Energy (MeV)

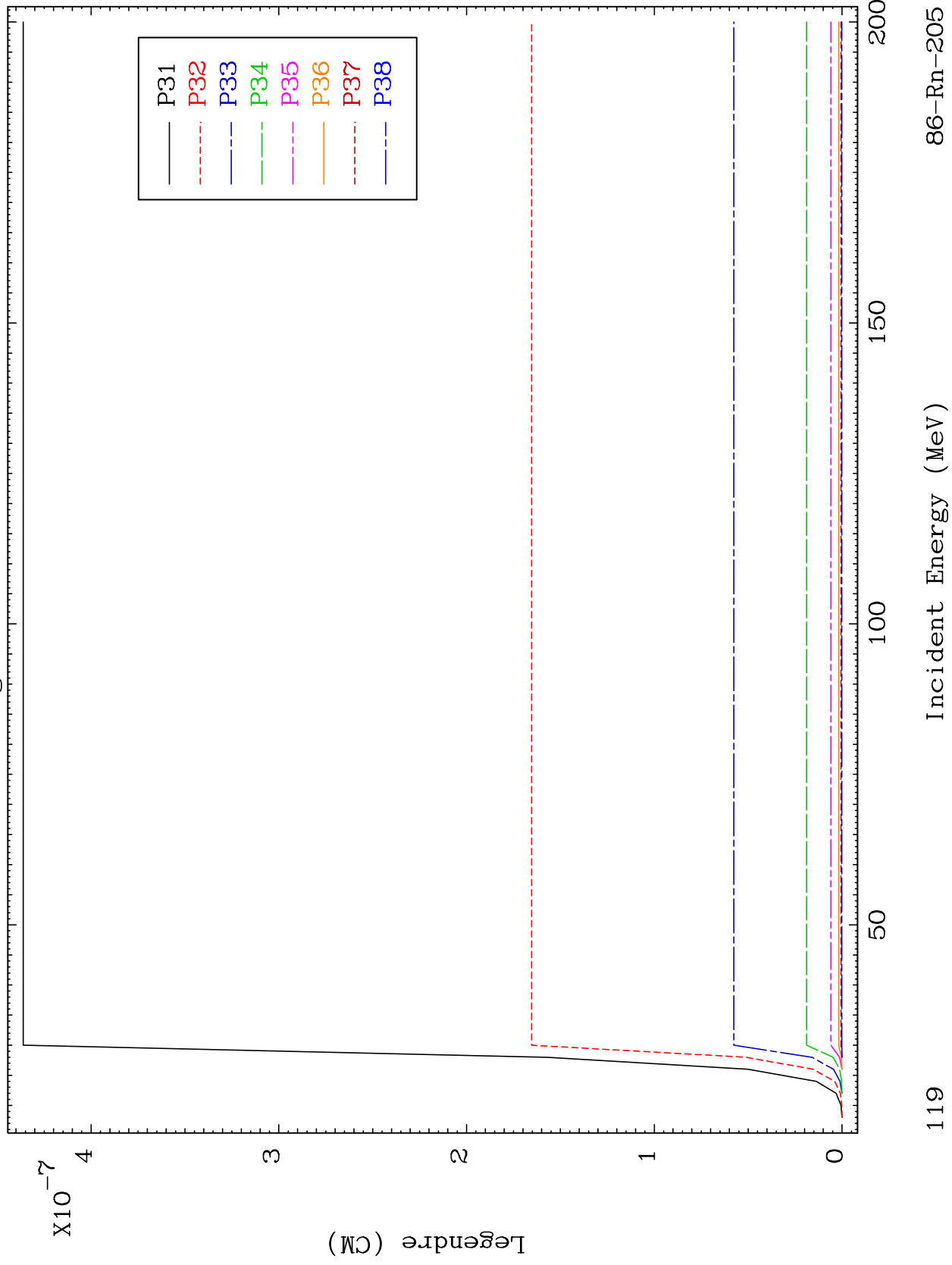
86-Rn-205



MAT 8607

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

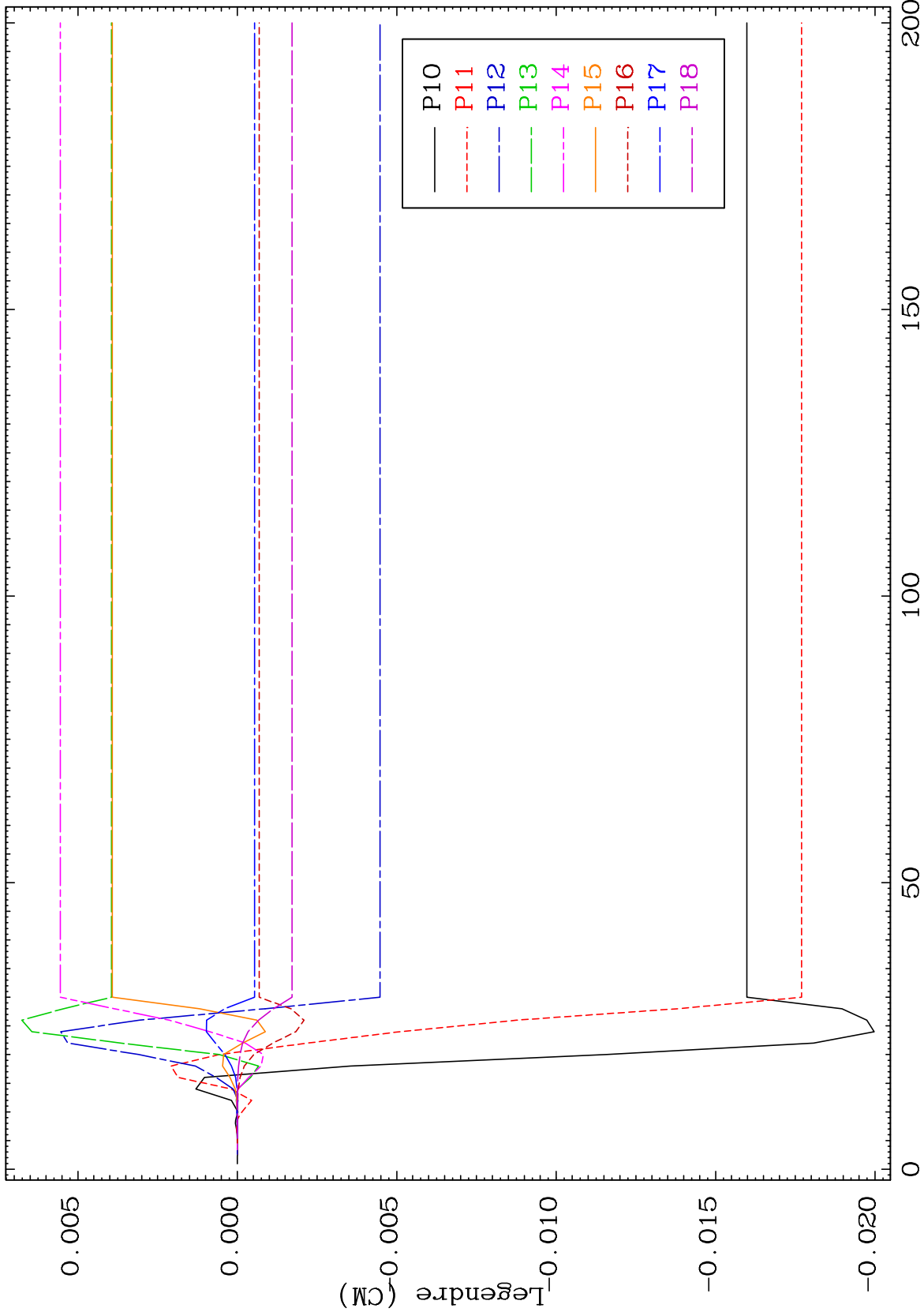
86-Rn-205



MAT 8607

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

86-Rn-205



121

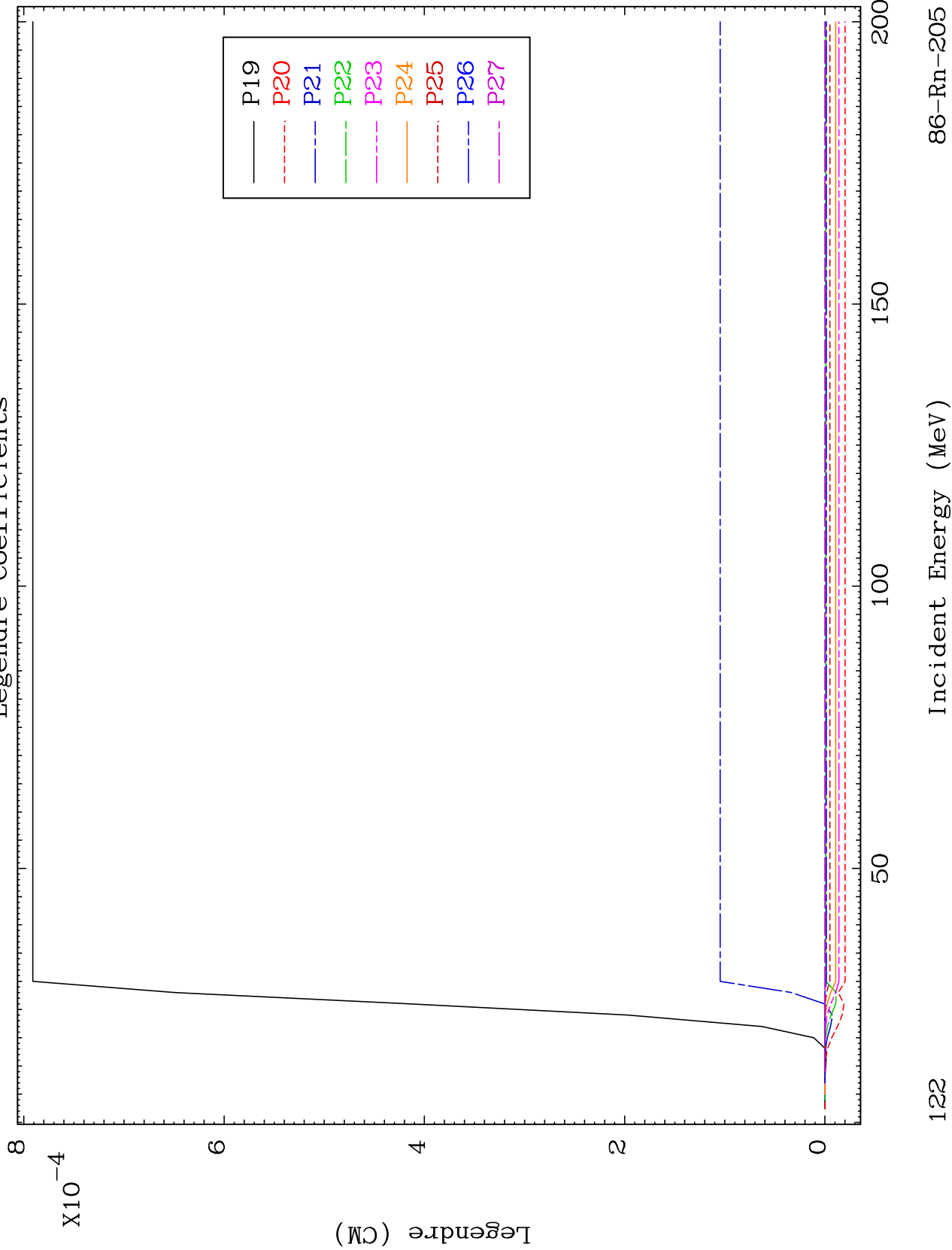
Incident Energy (MeV)

86-Rn-205

MAT 8607

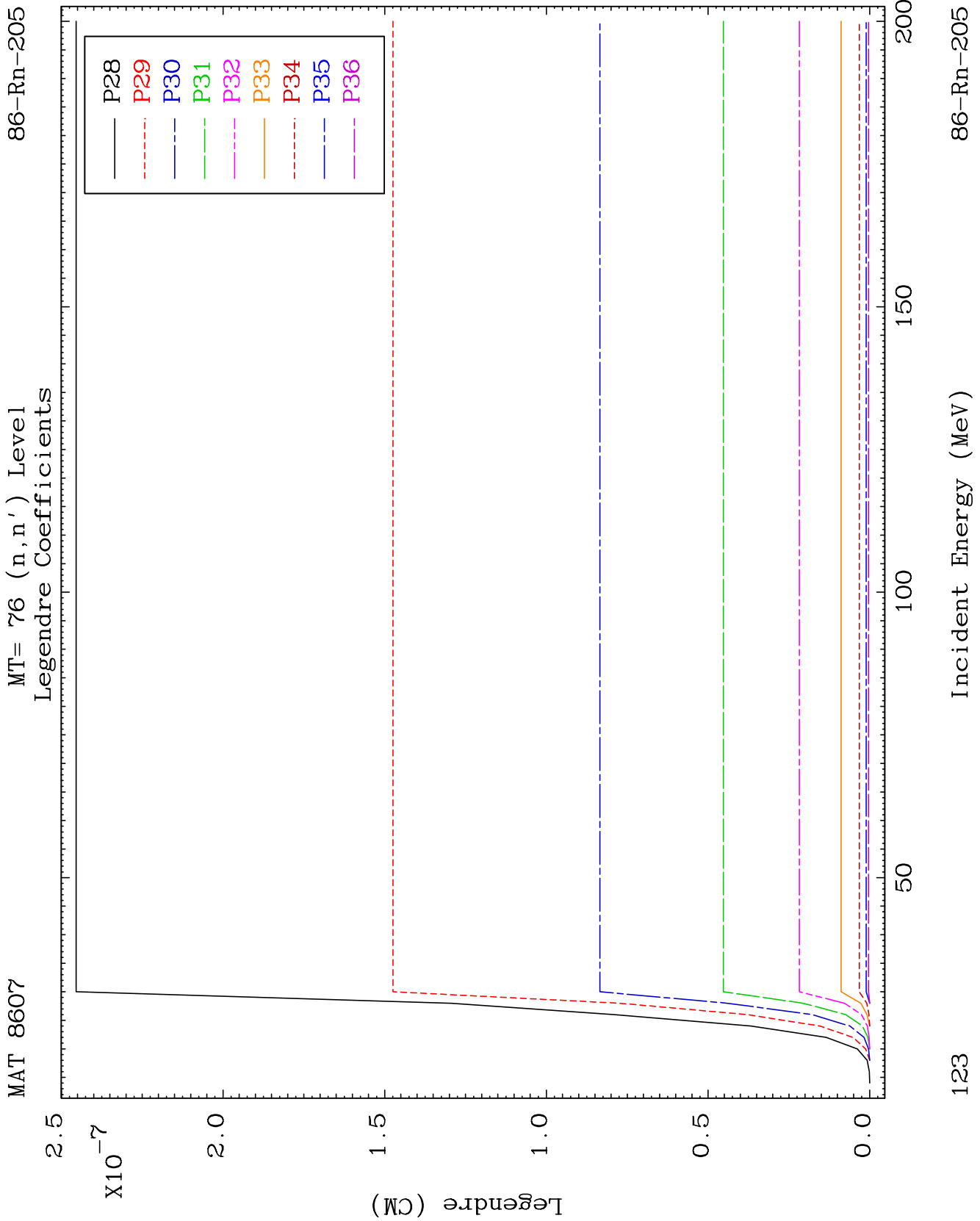
MT= 76 (n,n') Level
Legendre Coefficients

86-Rn-205



122

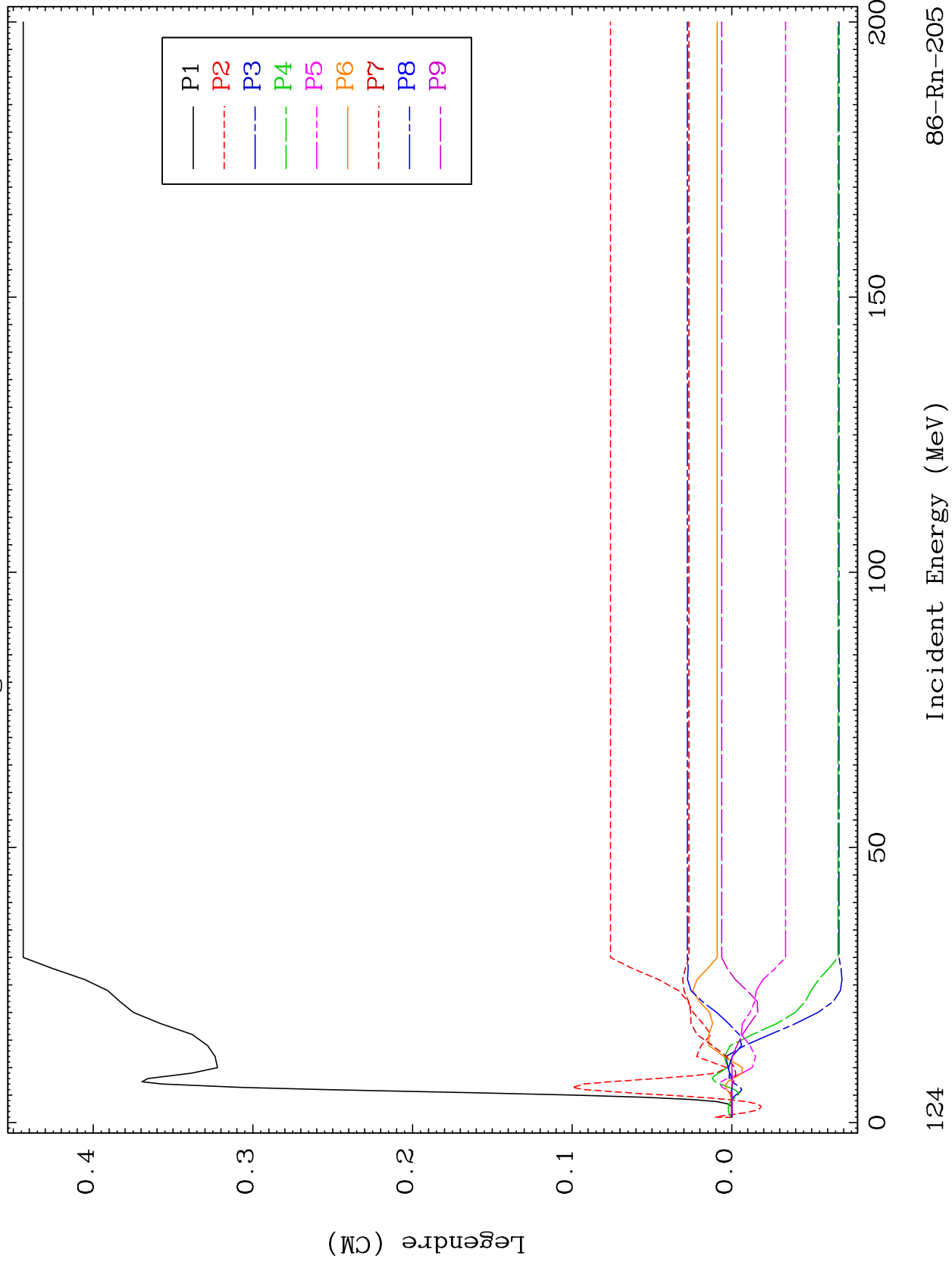
86-Rn-205



MAT 8607

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

86-Rn-205



124

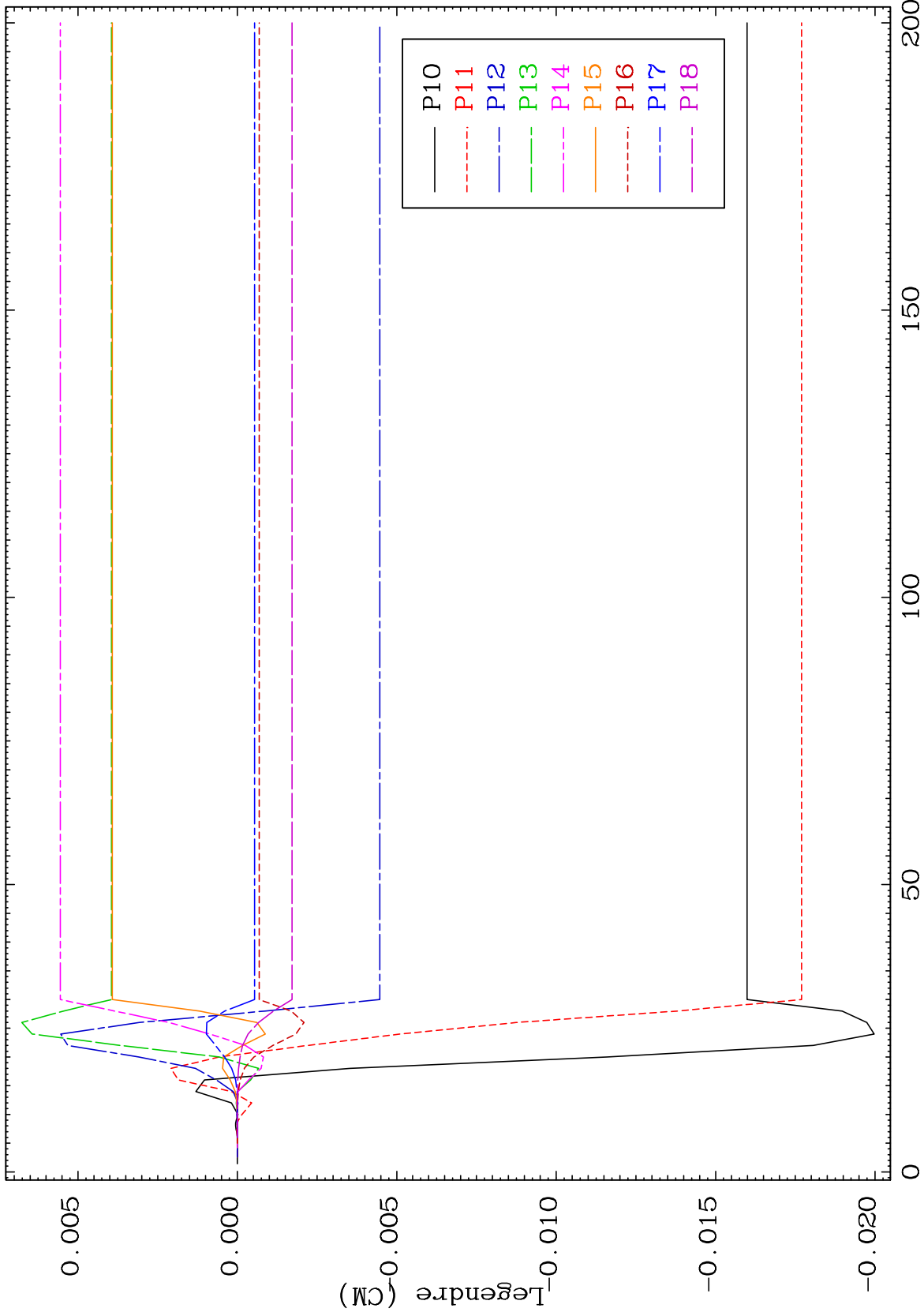
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



125

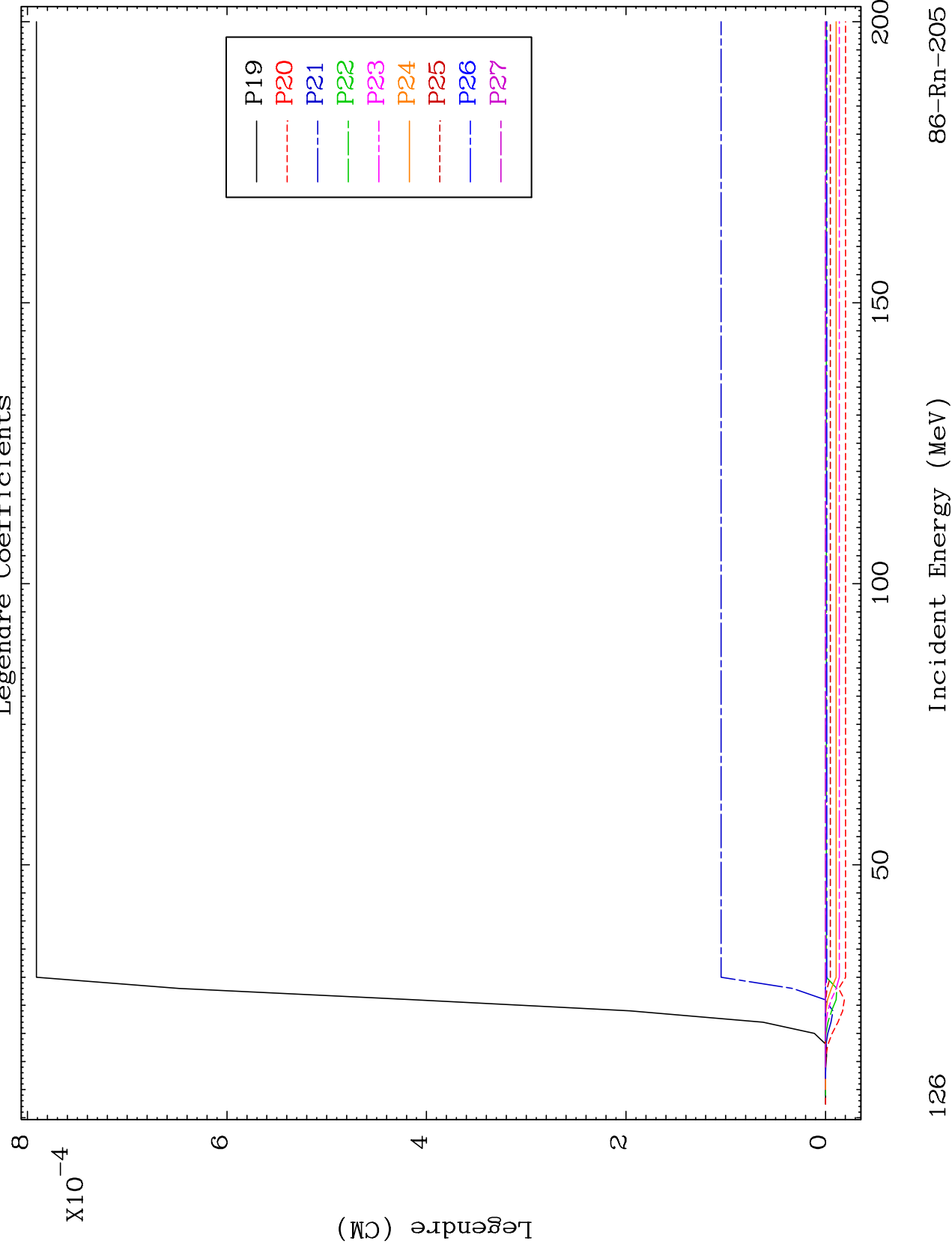
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

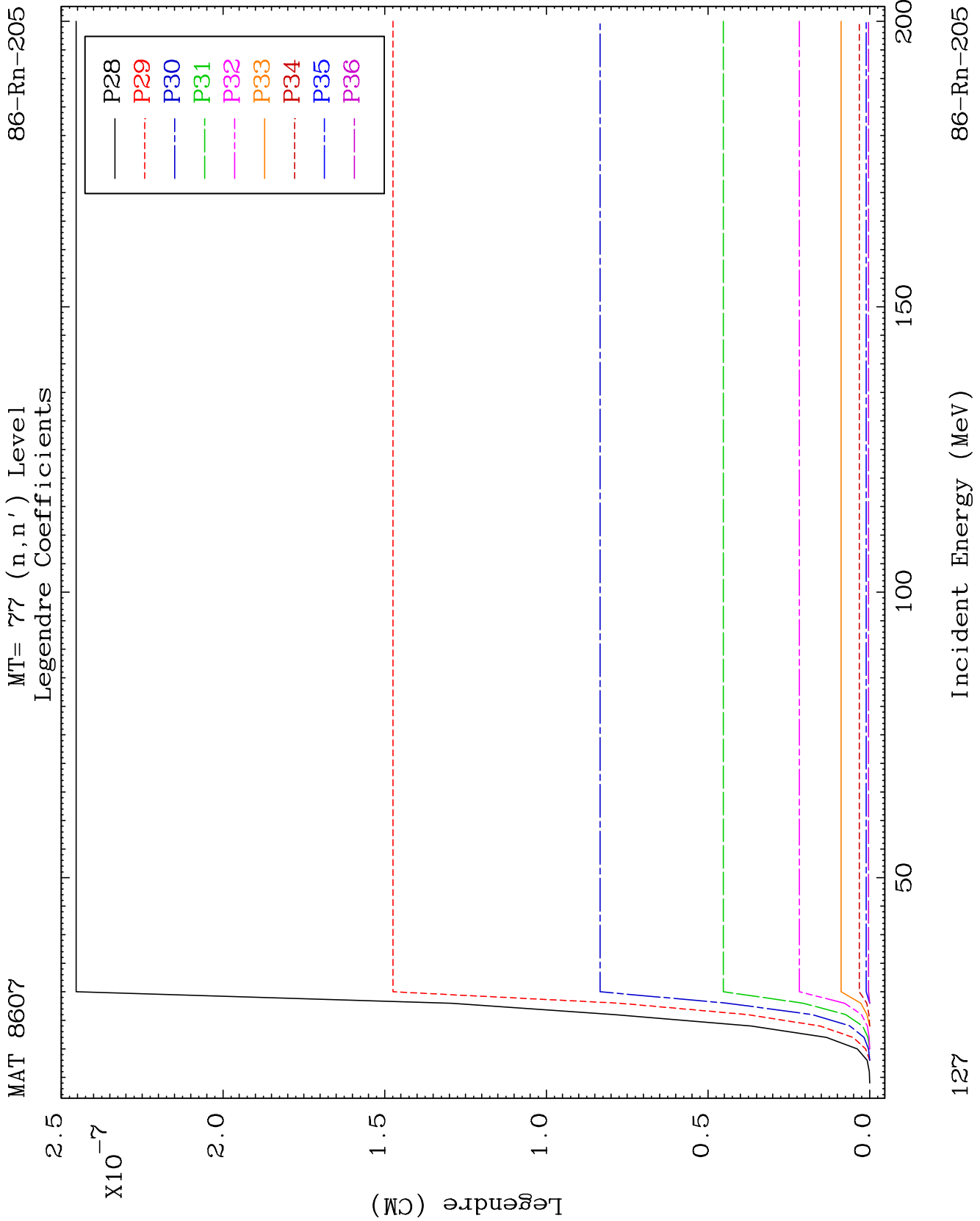
86-Rn-205



126

Incident Energy (MeV)

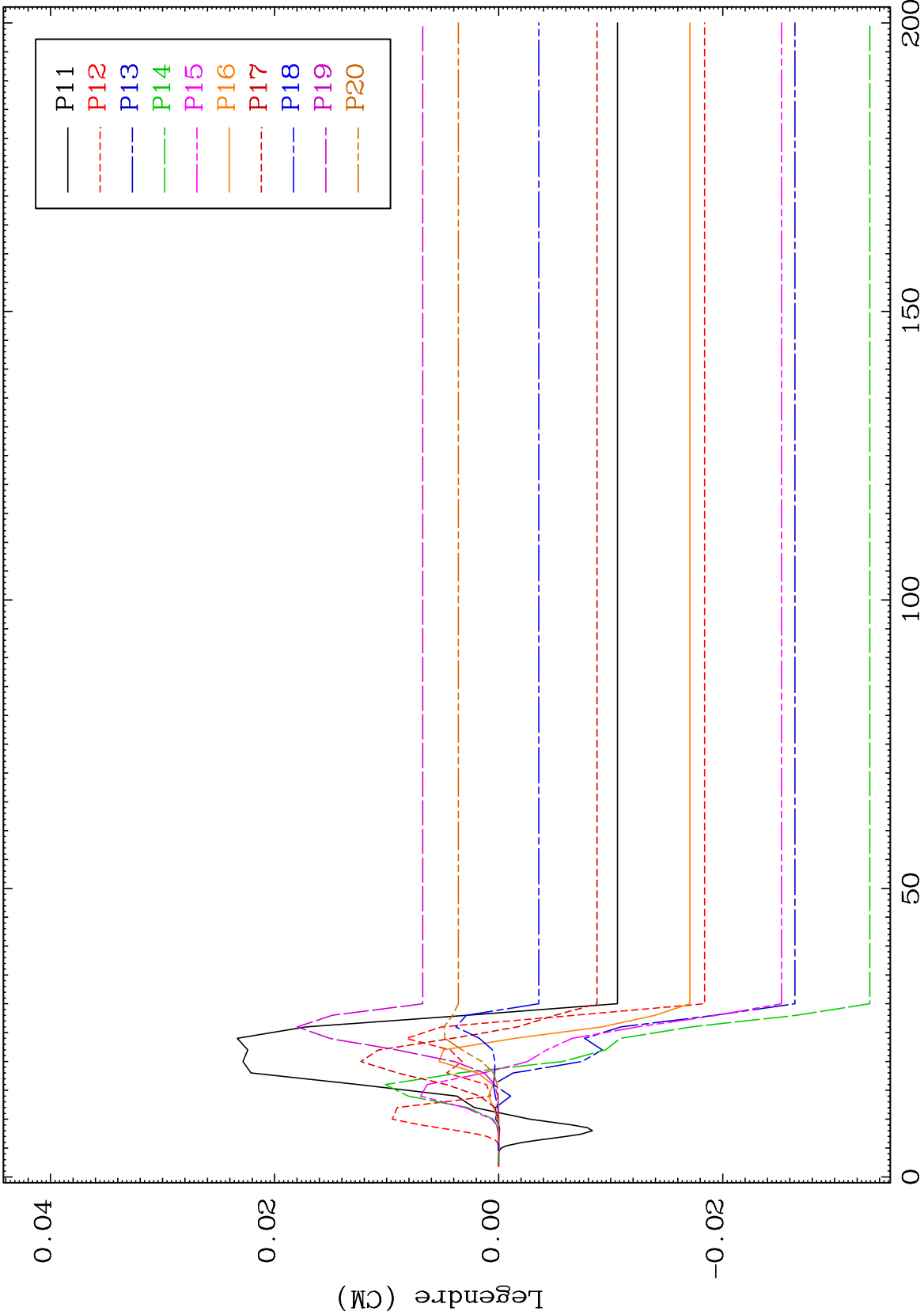
86-Rn-205



MAT 8607

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

86-Rn-205



129

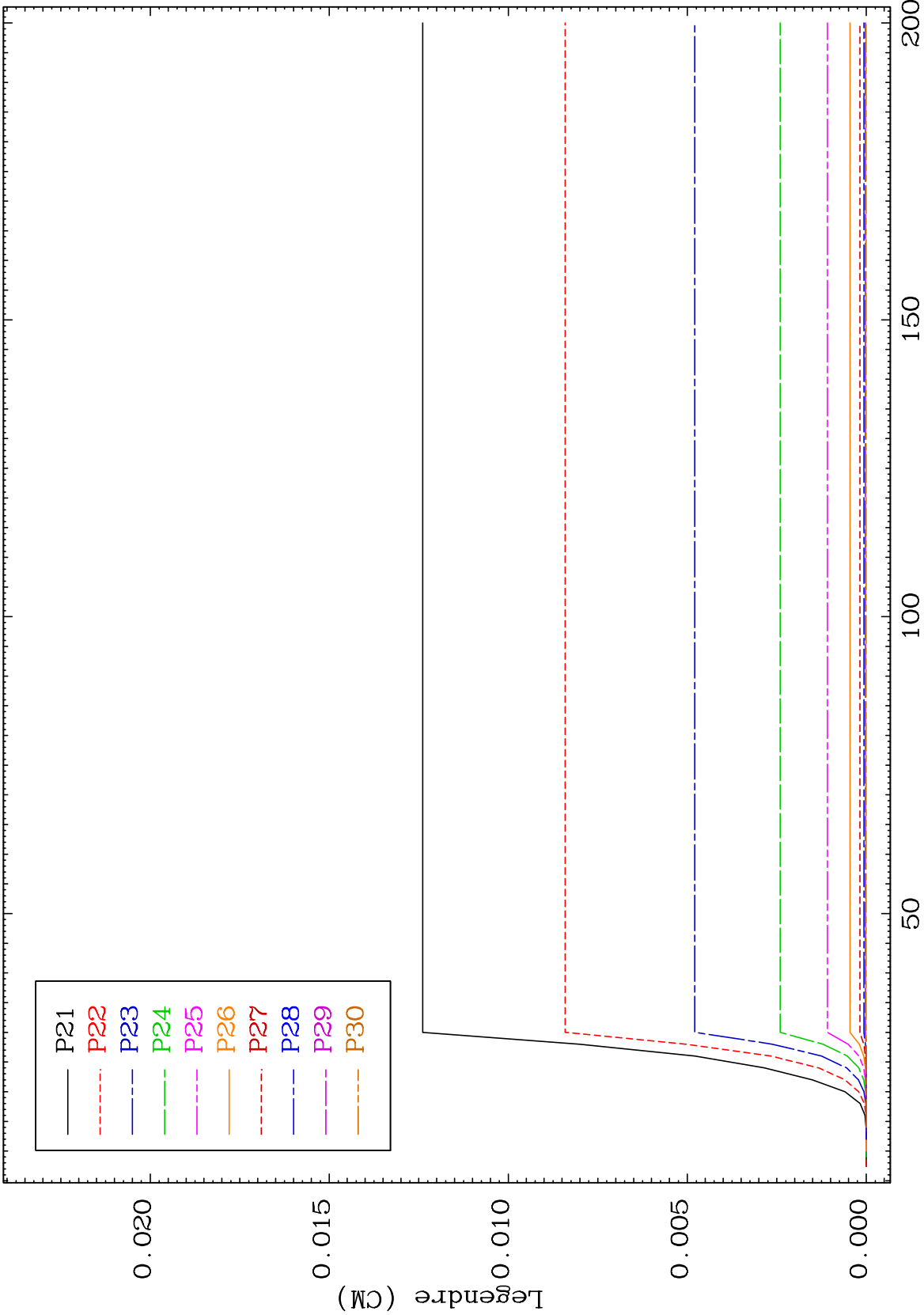
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



130

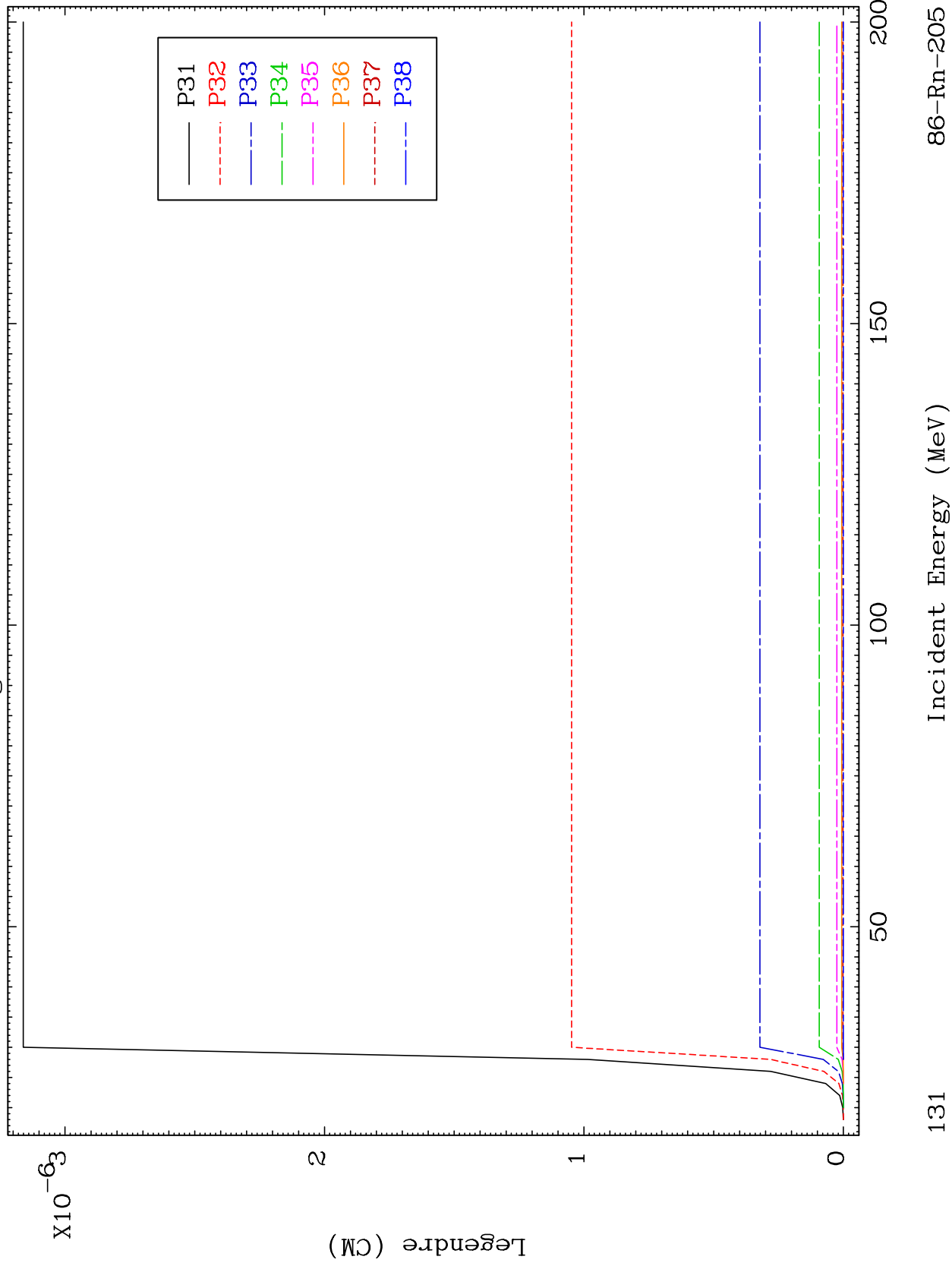
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



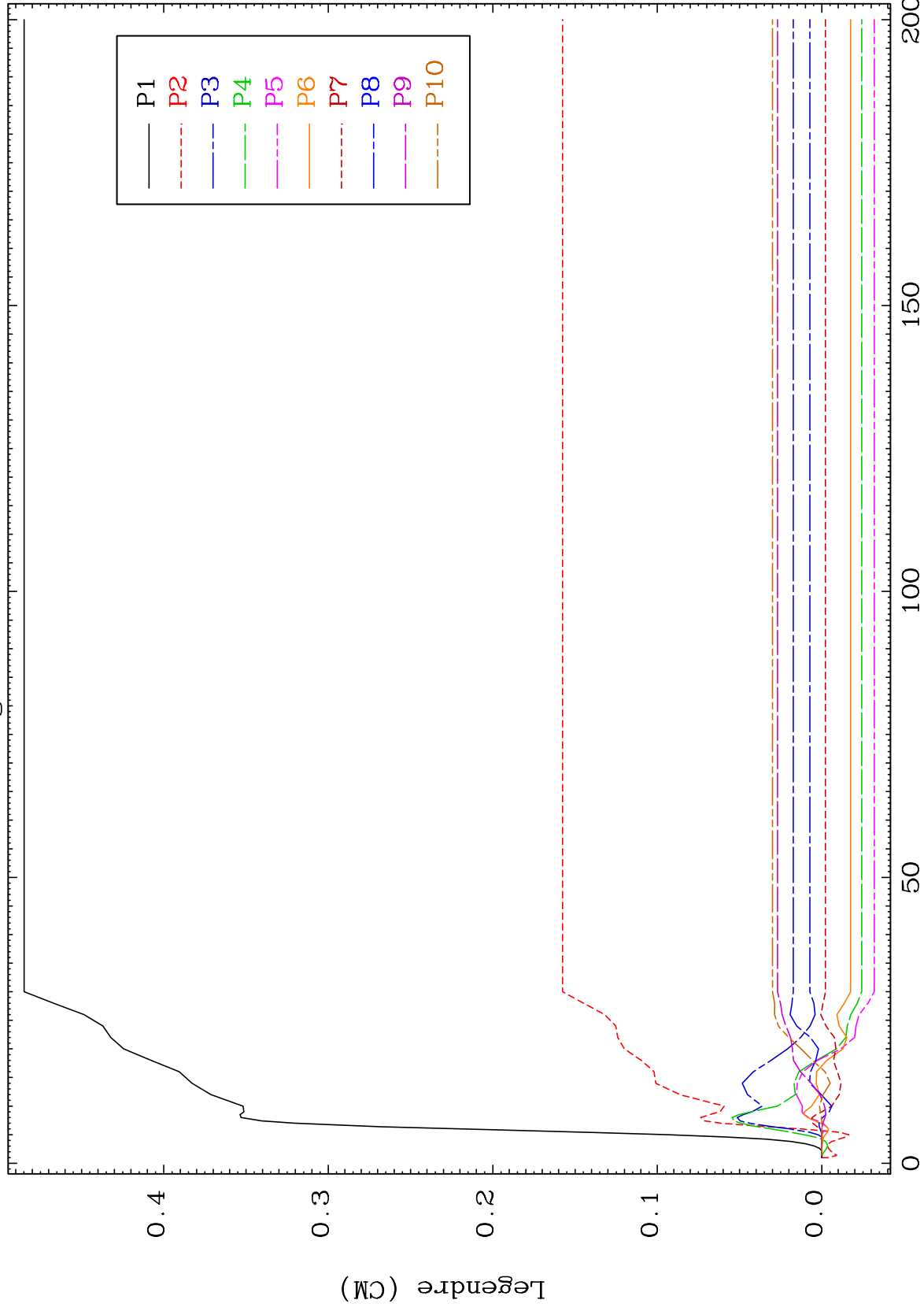
131

86-Rn-205

MAT 8607

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

86-Rn-205



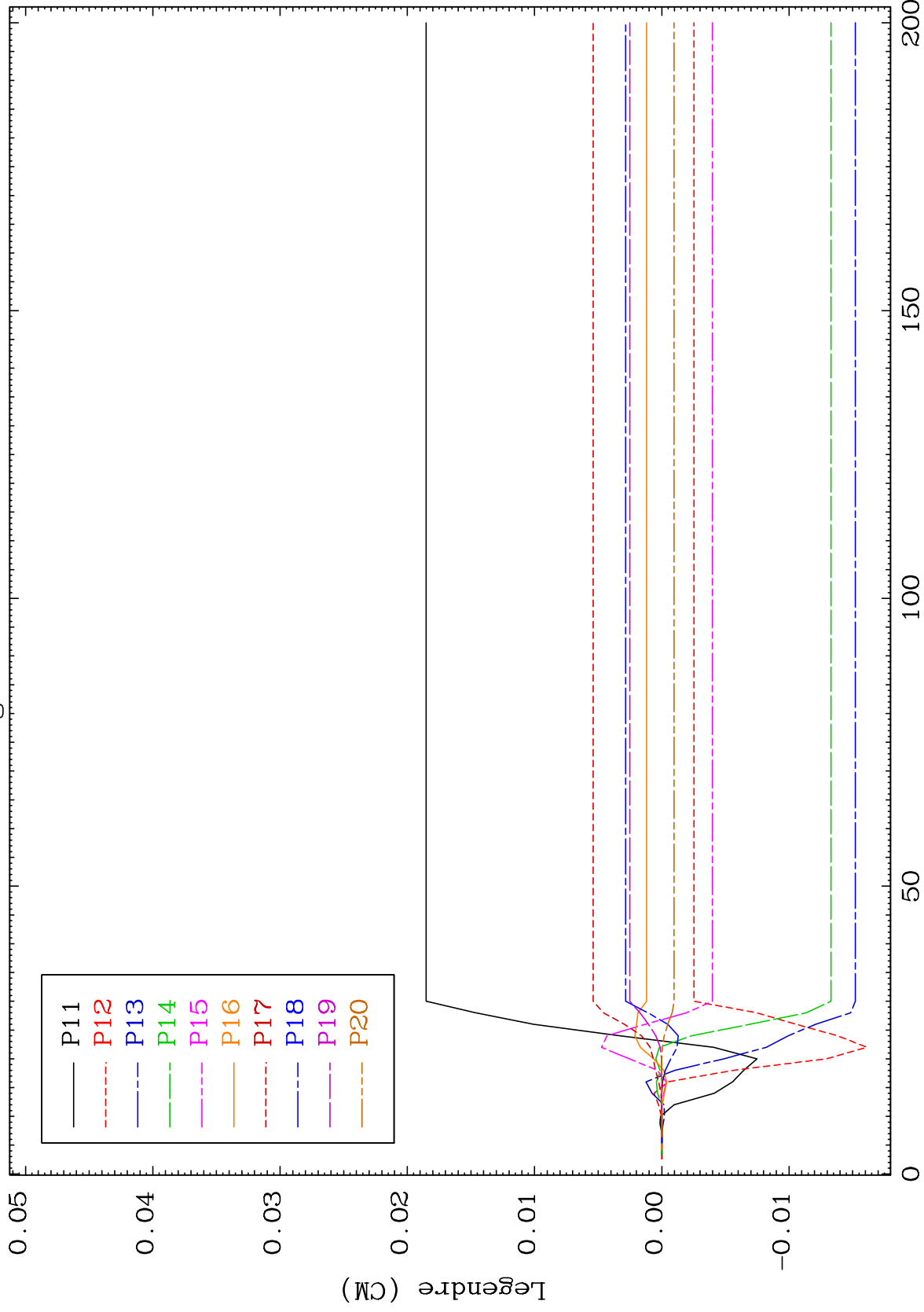
132

86-Rn-205

MAT 8607

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

86-Rn-205



133

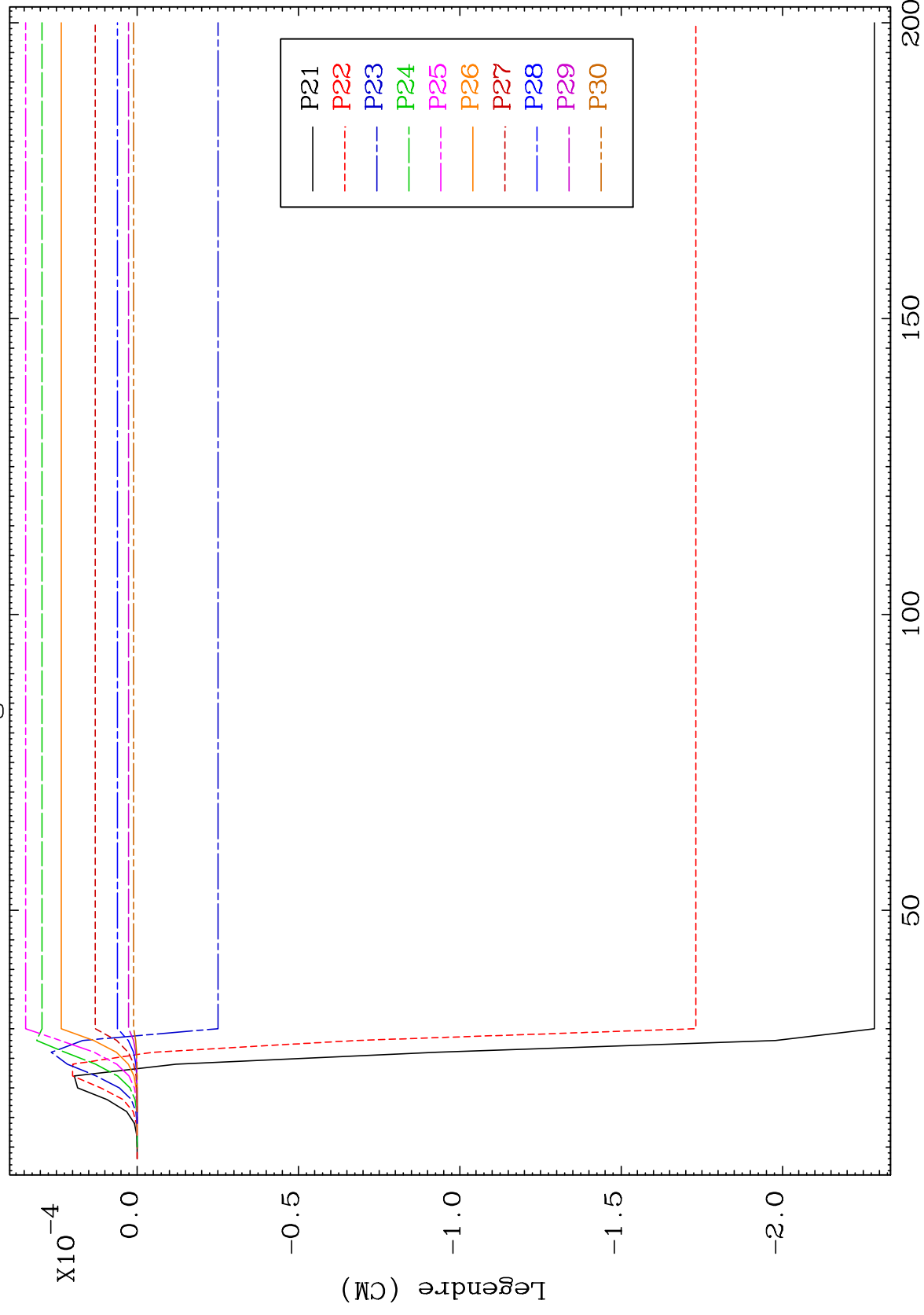
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



134

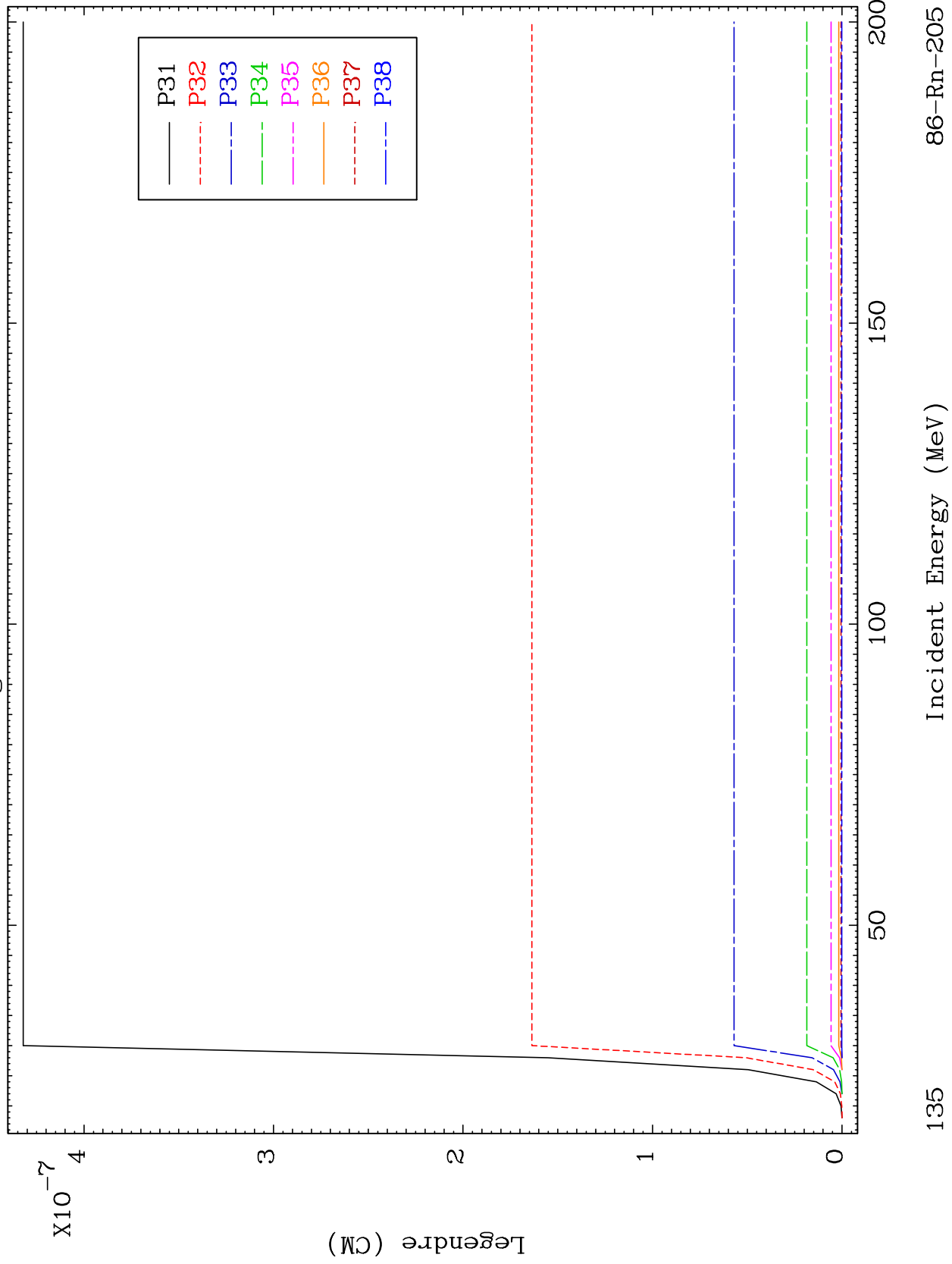
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205

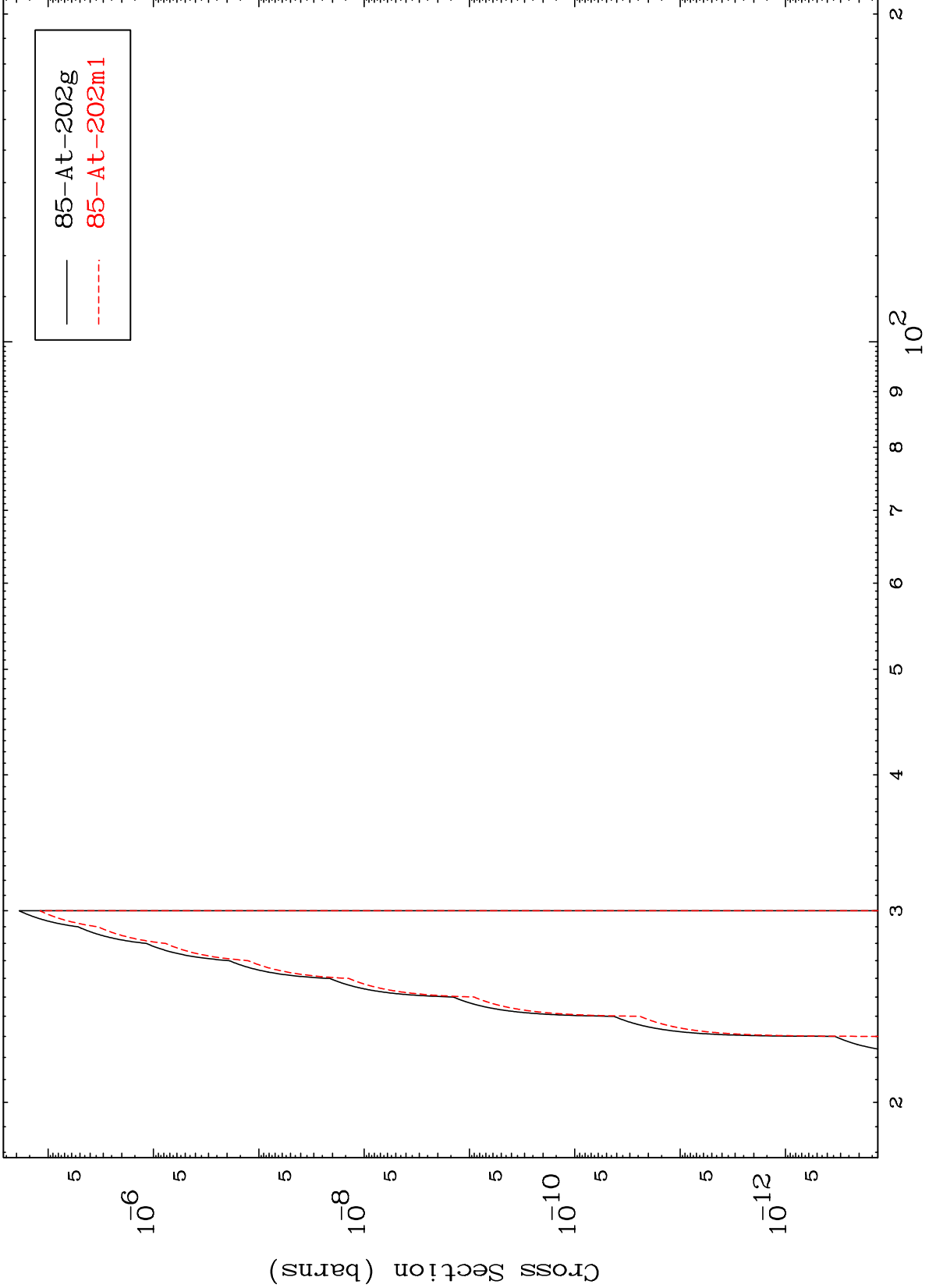


MAT 8607

(n,2n) d

86-Rn-205

Radionuclide Production Cross Section



136

Incident Energy (MeV)

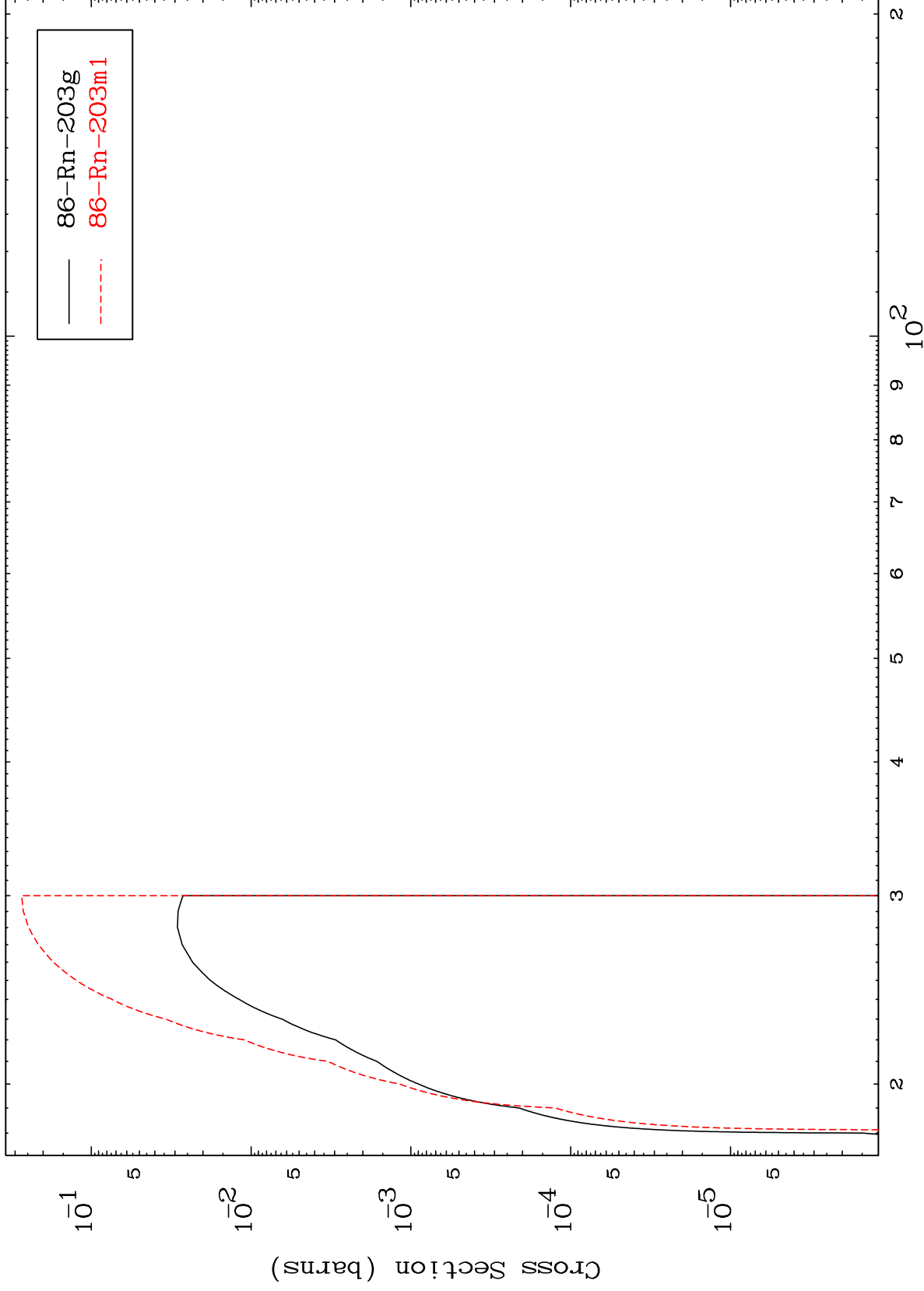
86-Rn-205

MAT 8607

(n,3n)

86-Rn-205

Radionuclide Production Cross Section



137

Incident Energy (MeV)

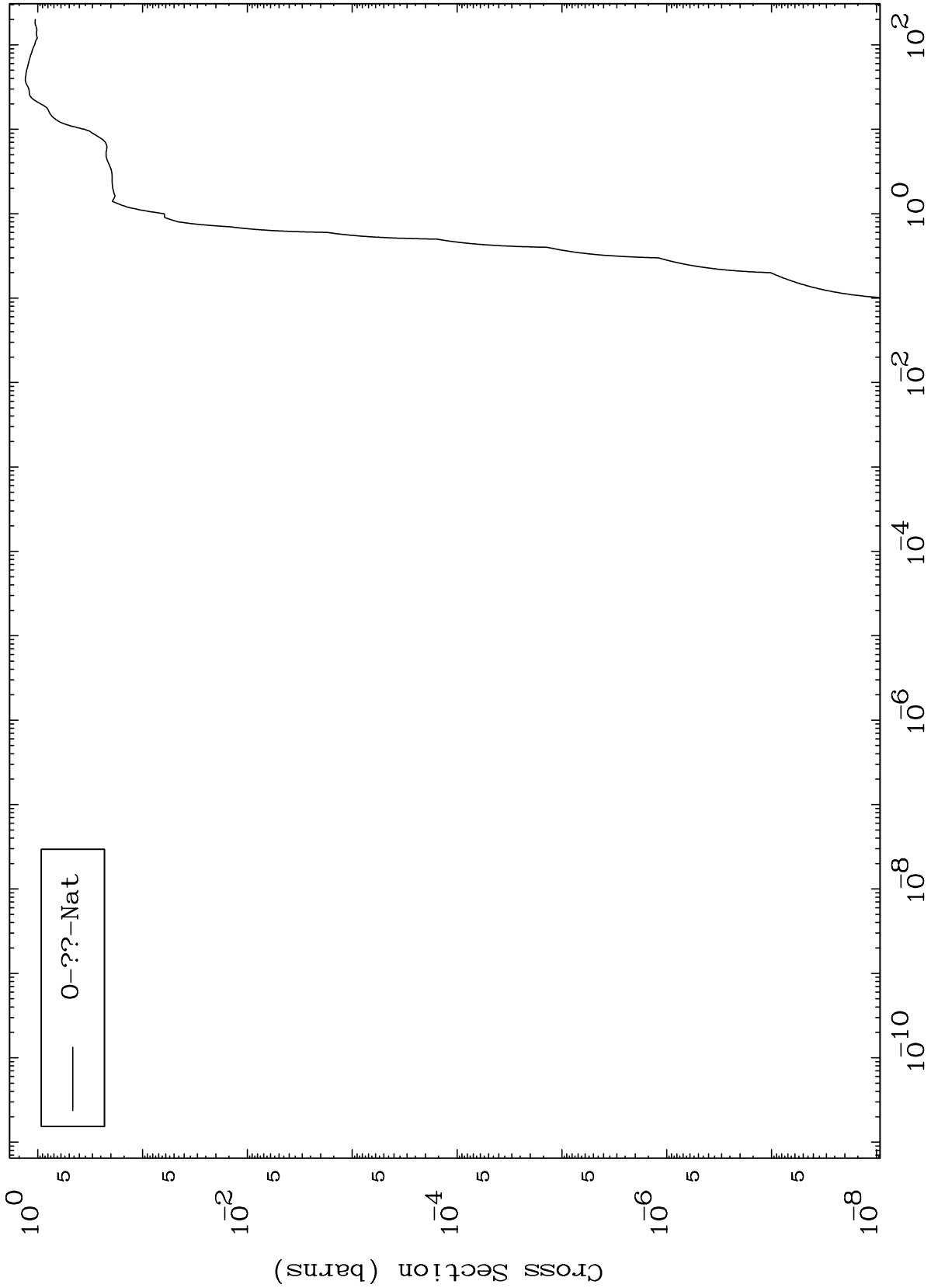
86-Rn-205

MAT 8607

Fission

86-Rn-205

Radionuclide Production Cross Section

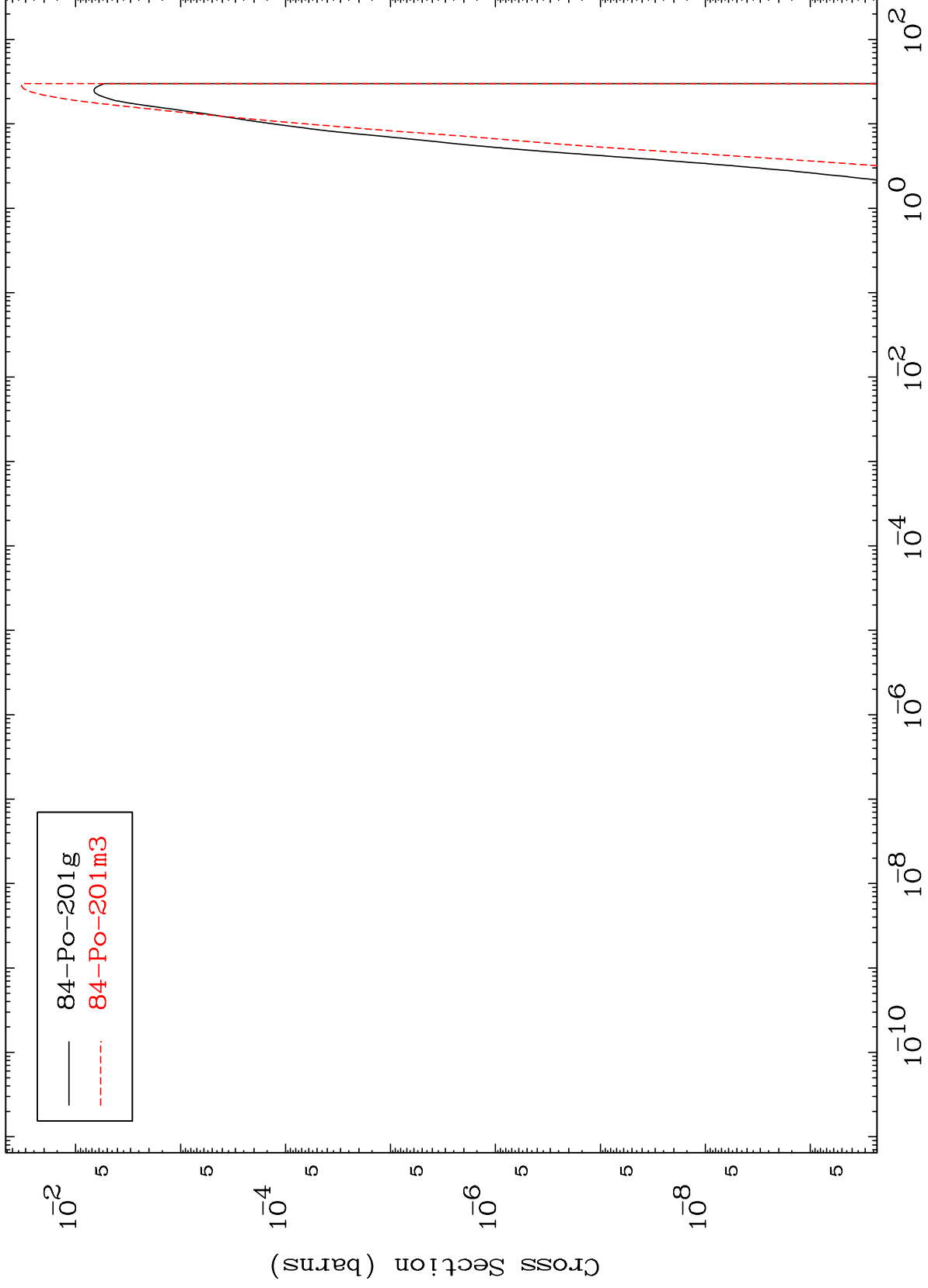


MAT 8607

(n,n') α

86-Rn-205

Radionuclide Production Cross Section



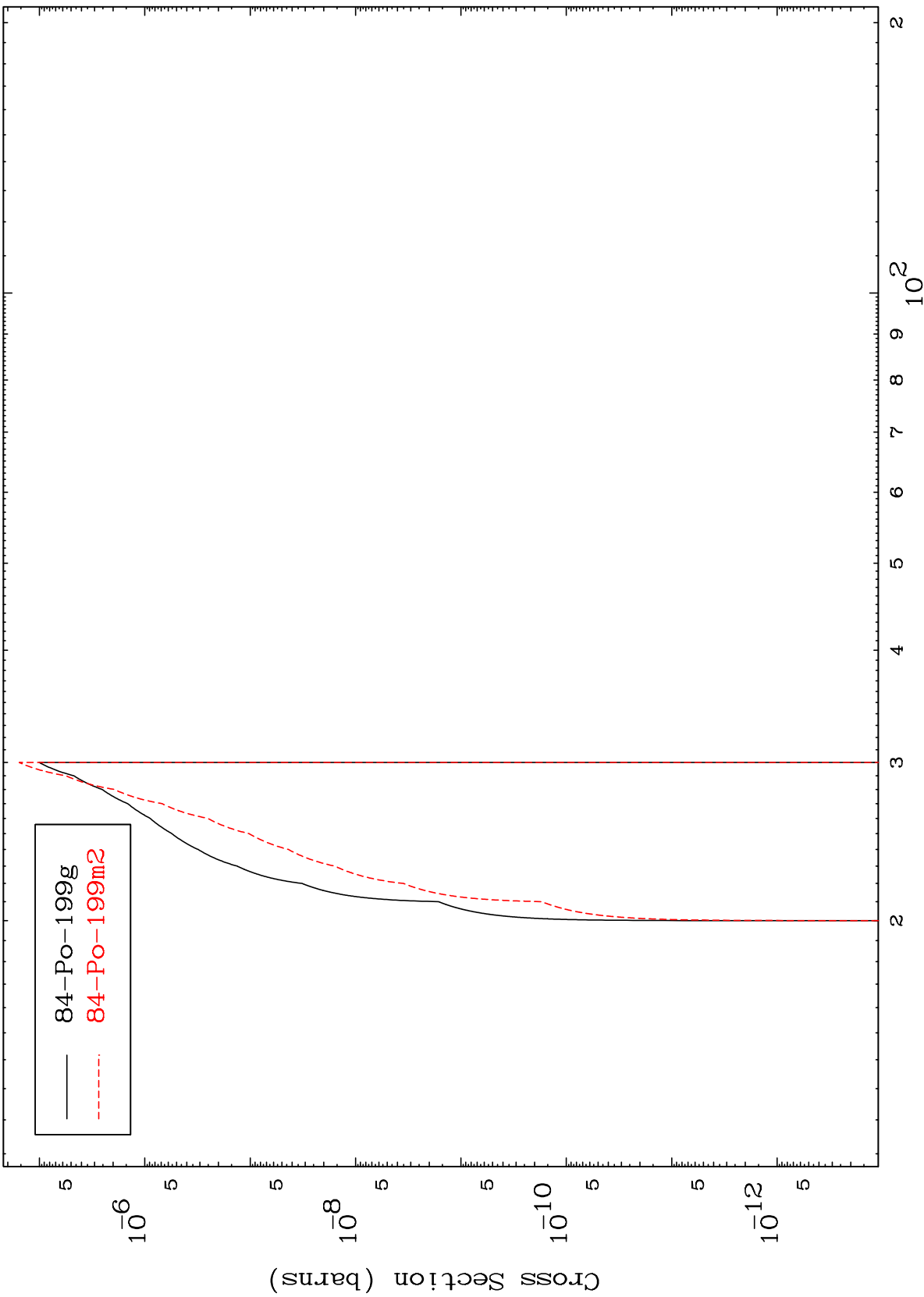
84-Po-201g
84-Po-201m3

MAT 8607

(n,3n) α

86-Rn-205

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

140

Incident Energy (MeV)

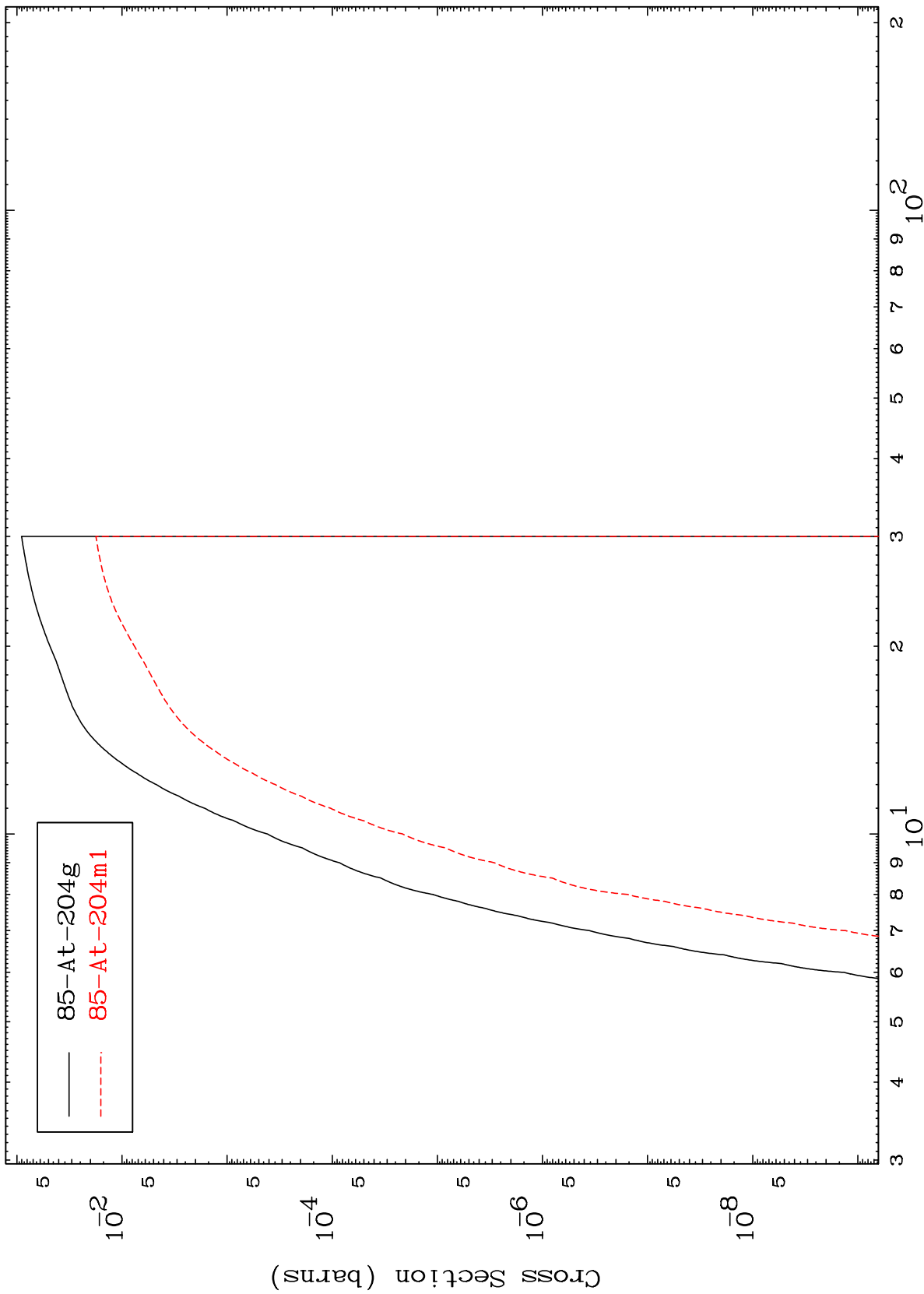
86-Rn-205

MAT 8607

(n,n') p

86-Rn-205

Radionuclide Production Cross Section



85-At-204g
85-At-204m1

Incident Energy (MeV)

86-Rn-205

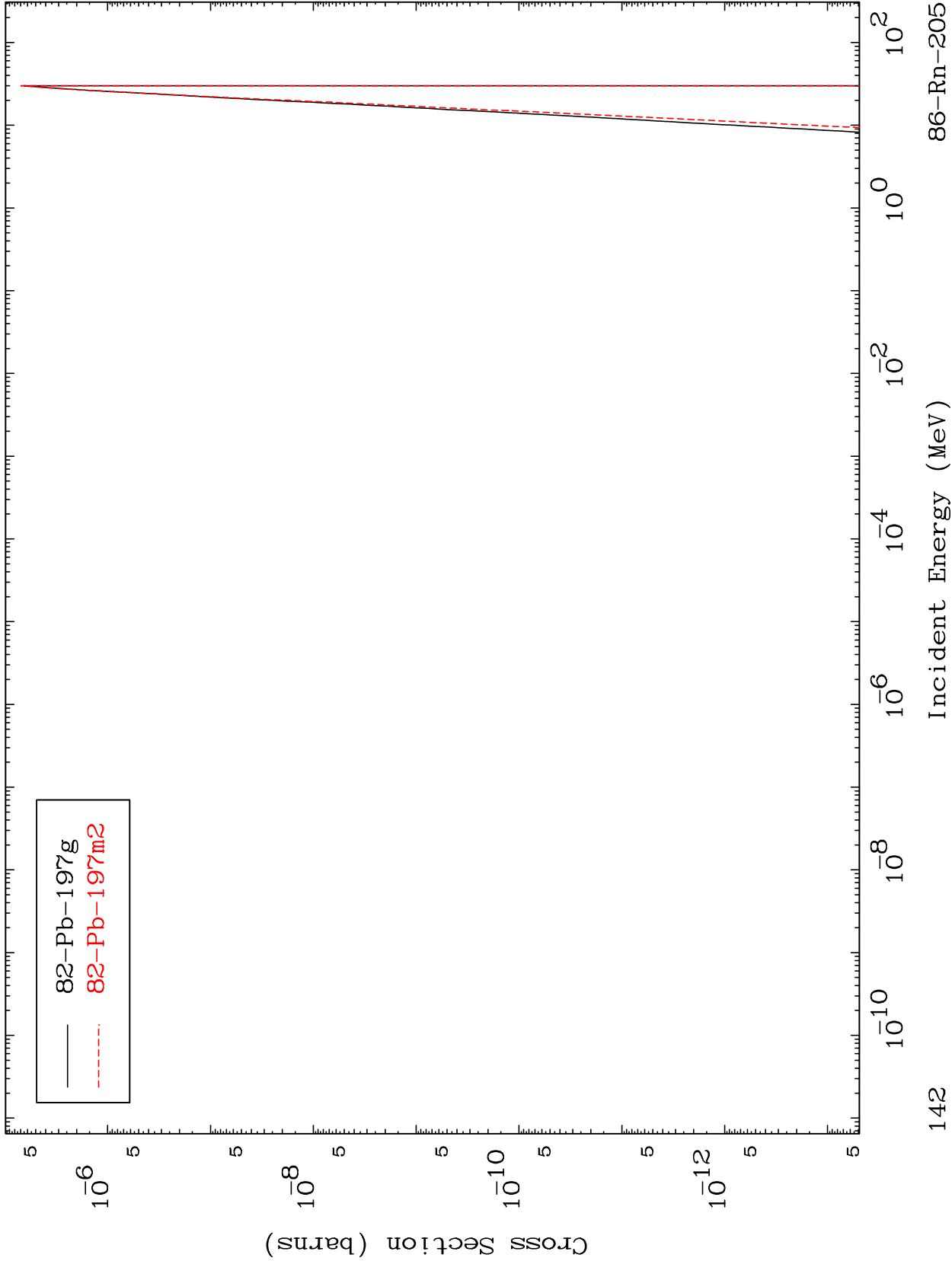
141

MAT 8607

(n,n') 2α

86-Rn-205

Radionuclide Production Cross Section

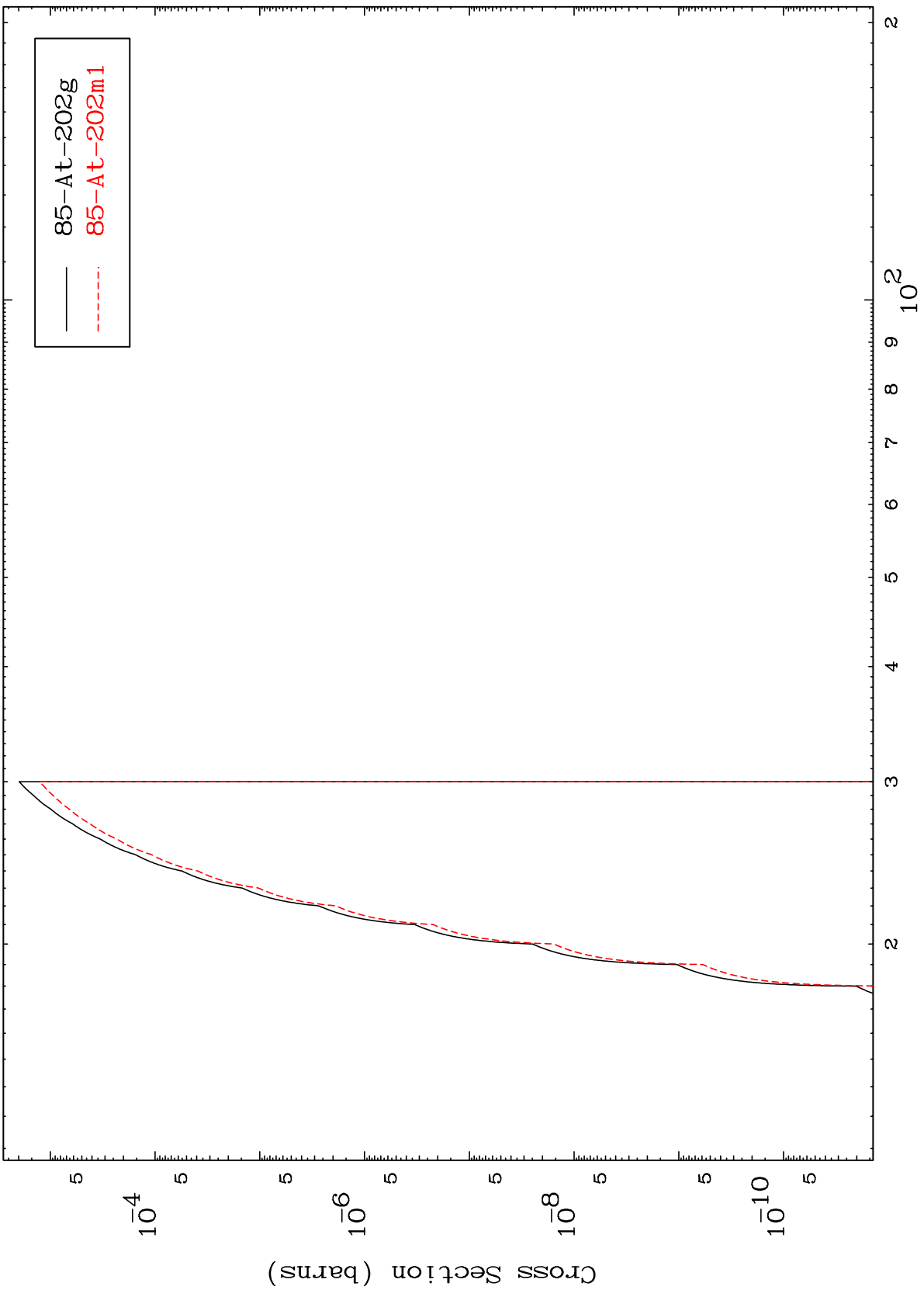


MAT 8607

(n,n') t

86-Rn-205

Radionuclide Production Cross Section



143

Incident Energy (MeV)

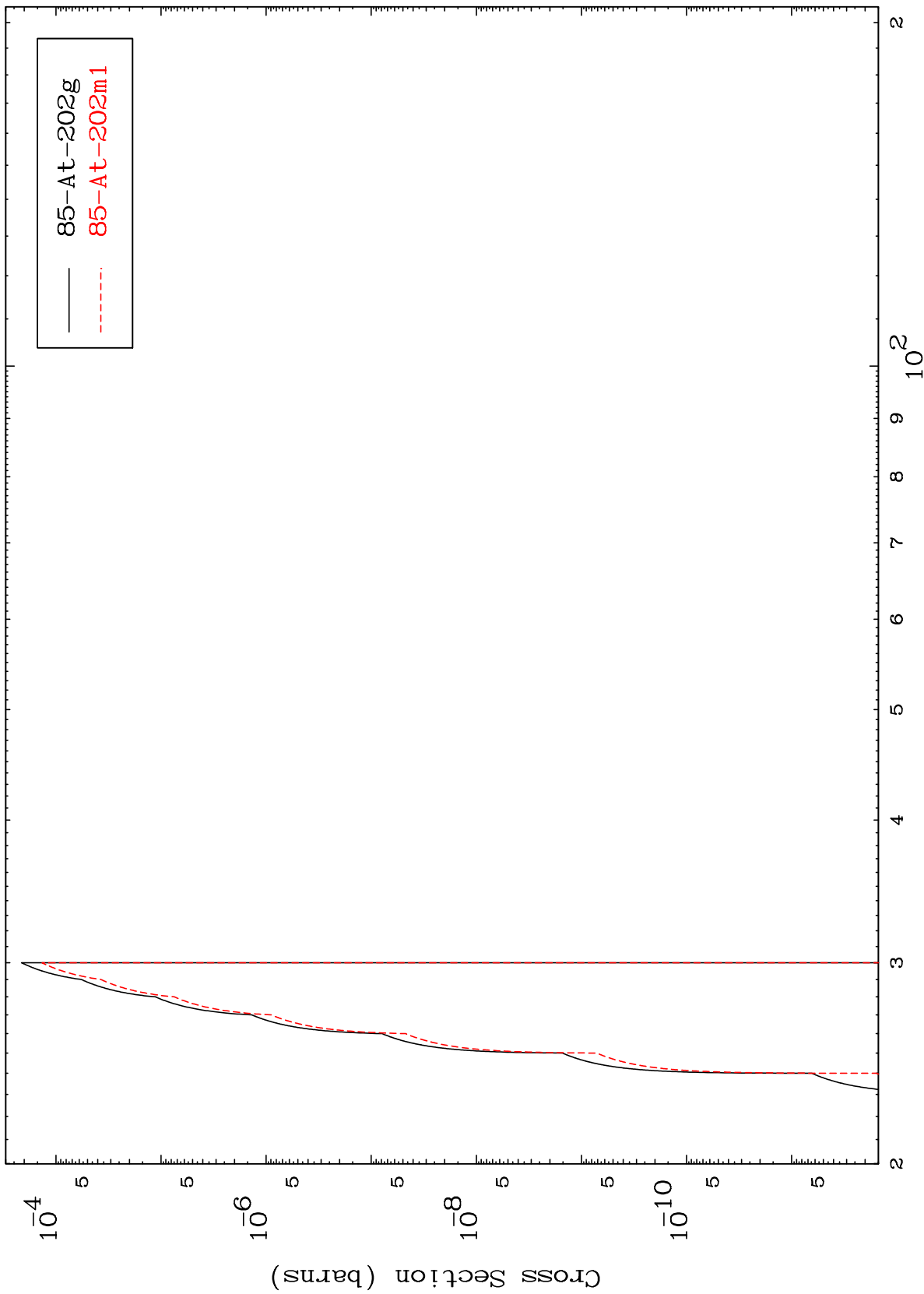
86-Rn-205

MAT 8607

(n,3n) p

86-Rn-205

Radionuclide Production Cross Section



144

Incident Energy (MeV)

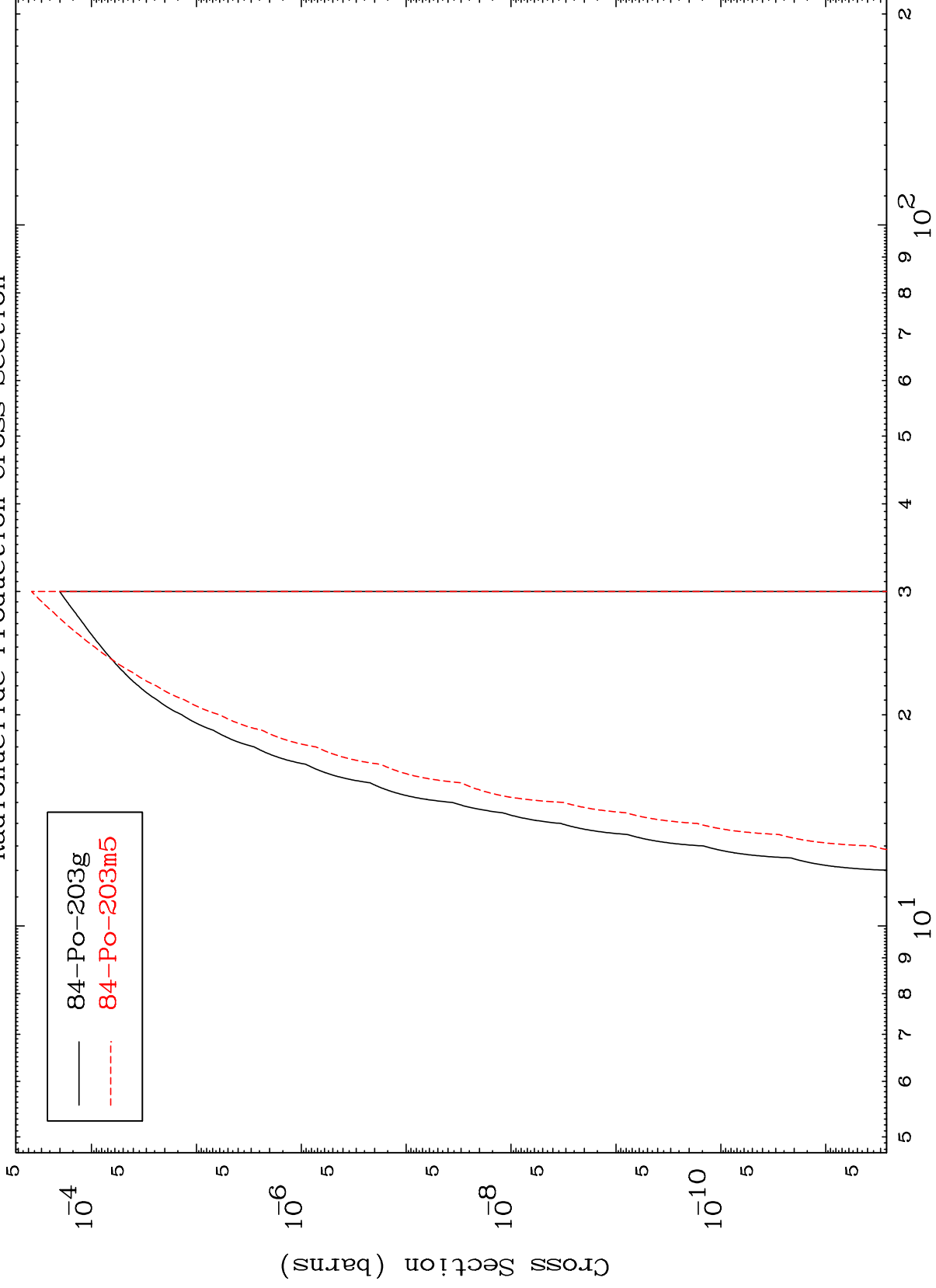
86-Rn-205

MAT 8607

(n,2n) p

86-Rn-205

Radionuclide Production Cross Section



145

Incident Energy (MeV)

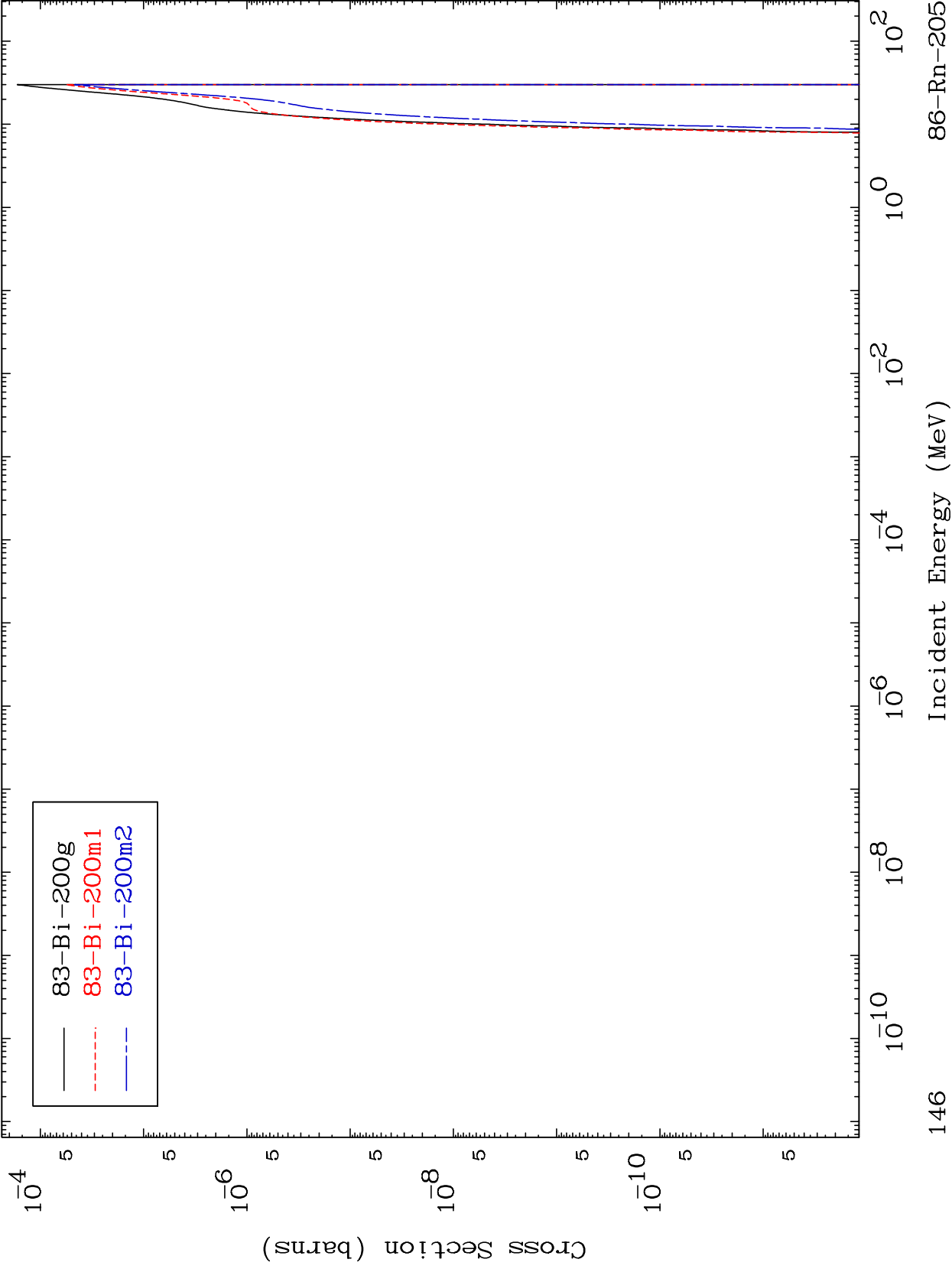
86-Rn-205

MAT 8607

(n,n') p α

86-Rn-205

Radionuclide Production Cross Section



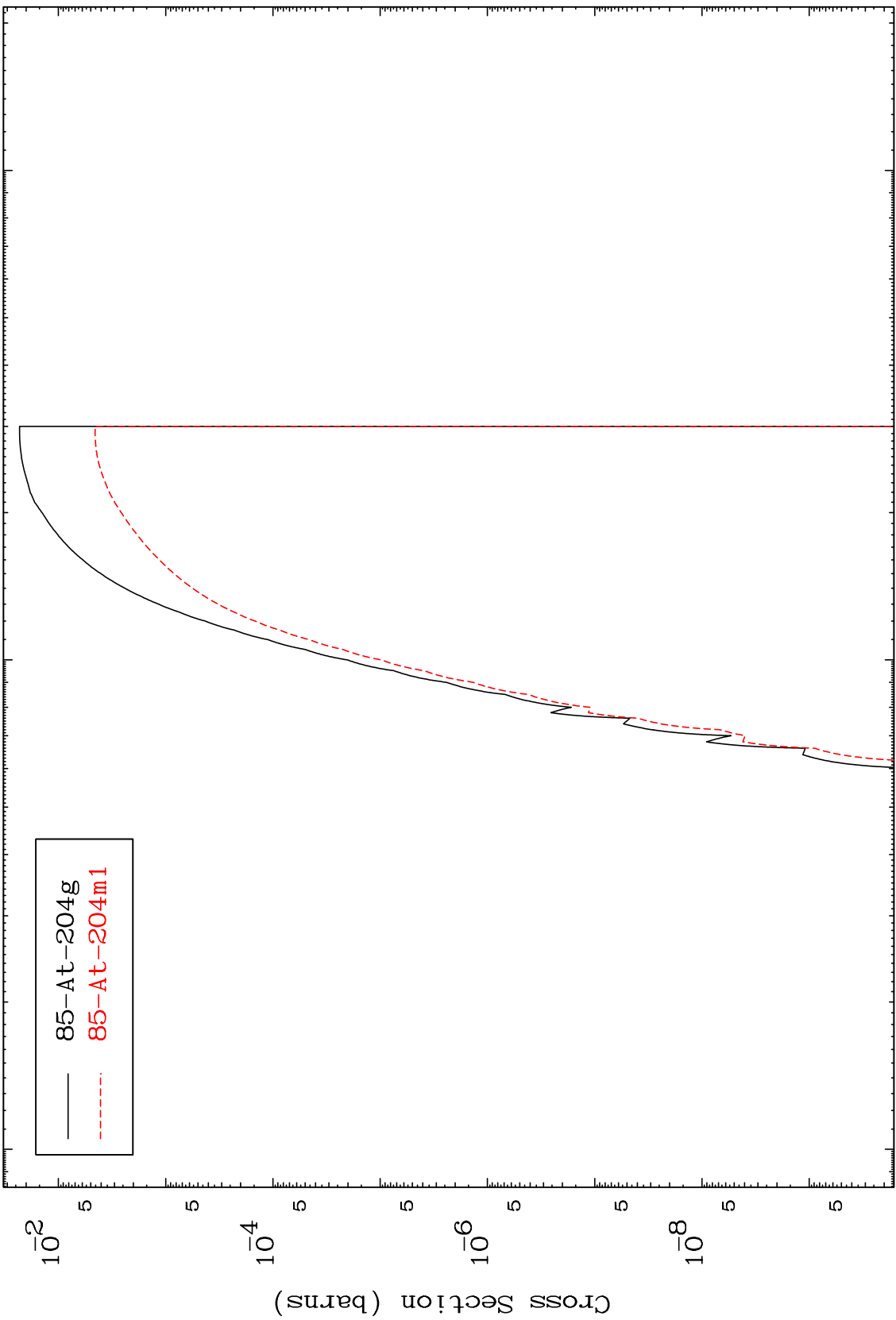
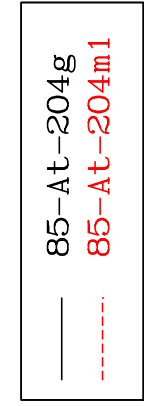
146

MAT 8607

(n,d)

86-Rn-205

Radionuclide Production Cross Section



147 10⁰ 2 4 6 8 10¹ 2 4 6 8 10² 2

Incident Energy (MeV)

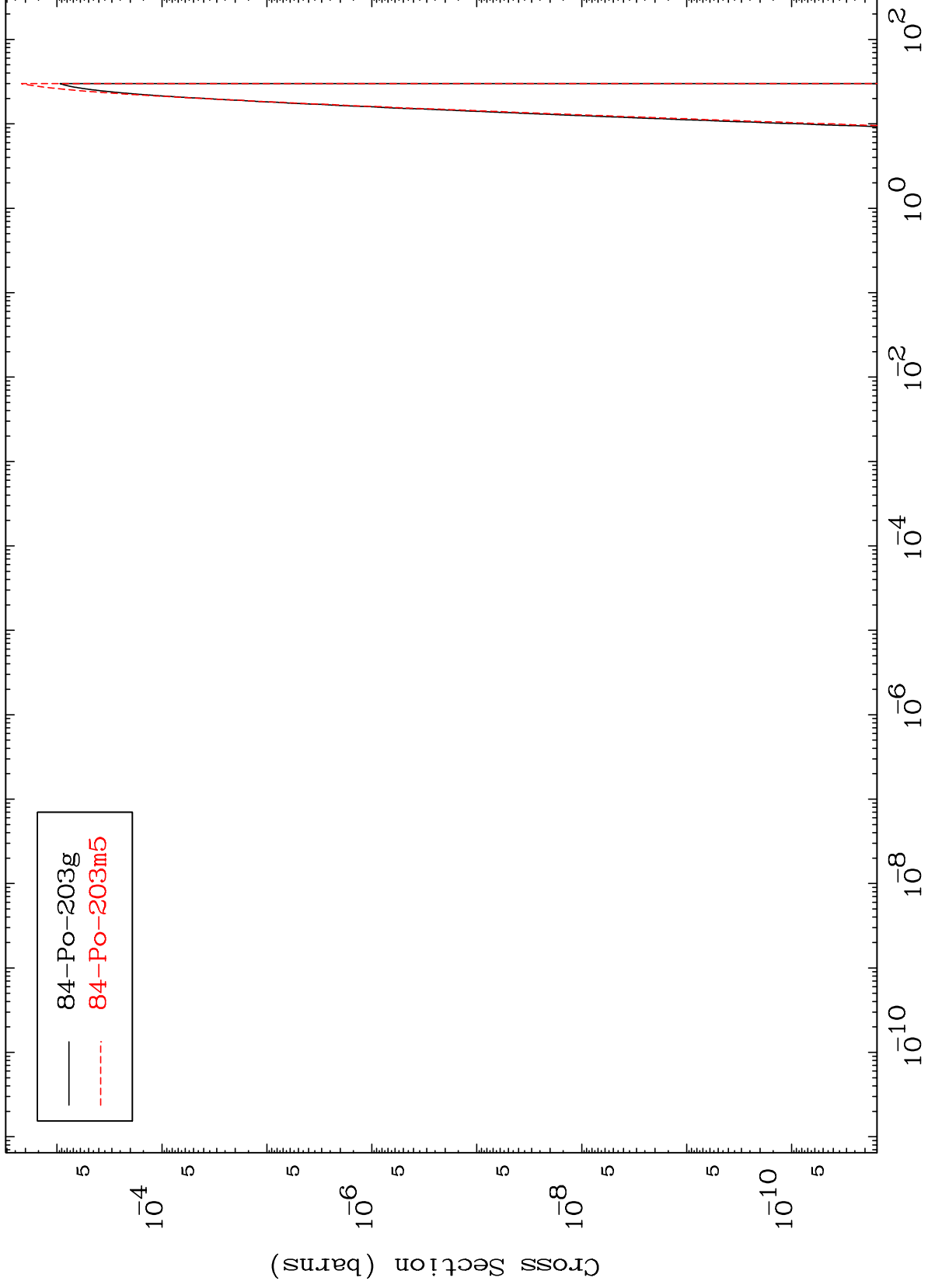
86-Rn-205

MAT 8607

(n,He-3)

86-Rn-205

Radionuclide Production Cross Section



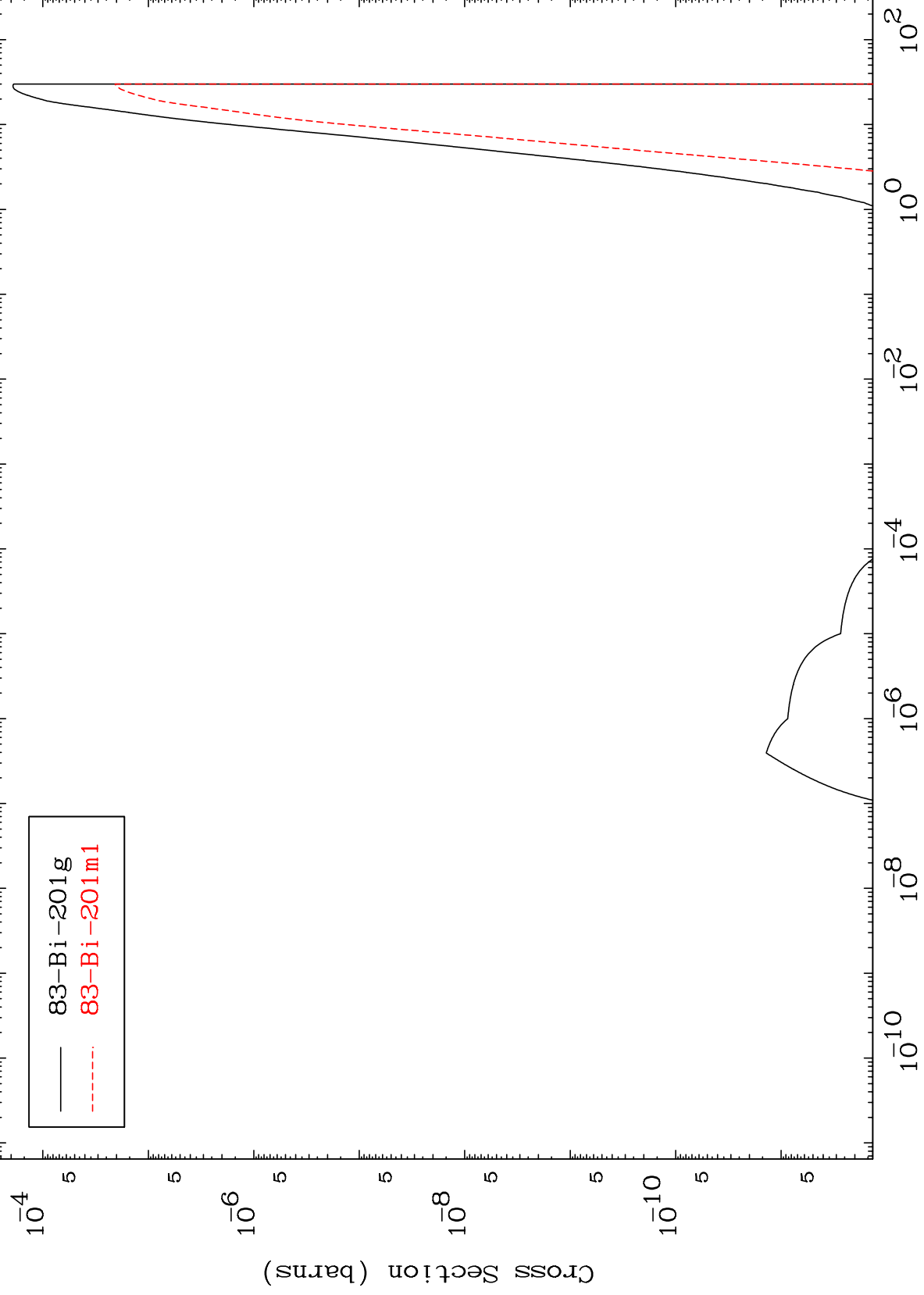
— 84-Po-203g
- - - 84-Po-203m5

MAT 8607

(n,p) α

86-Rn-205

Radionuclide Production Cross Section

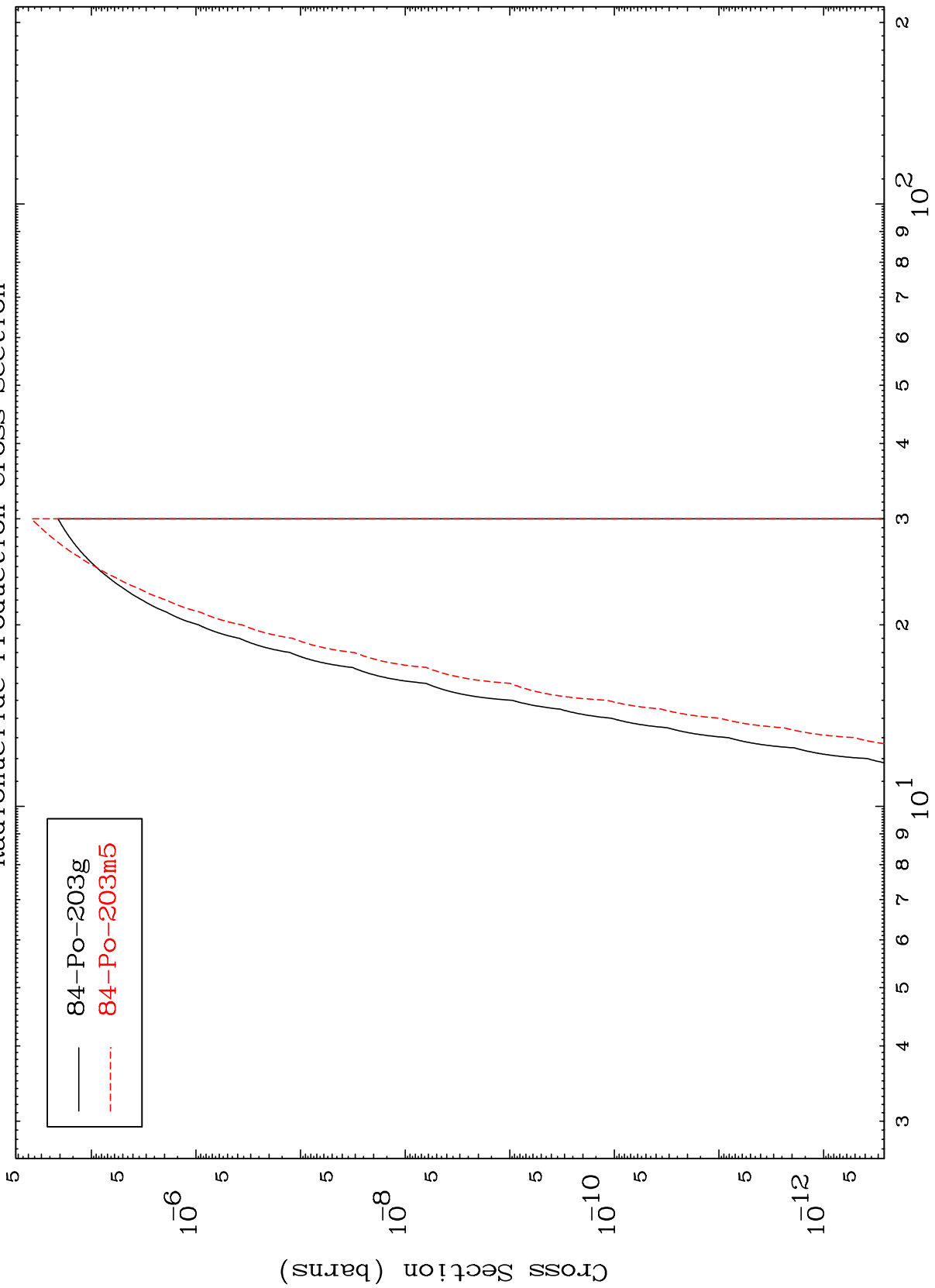


MAT 8607

(n,p) d

86-Rn-205

Radionuclide Production Cross Section



150

Incident Energy (MeV)

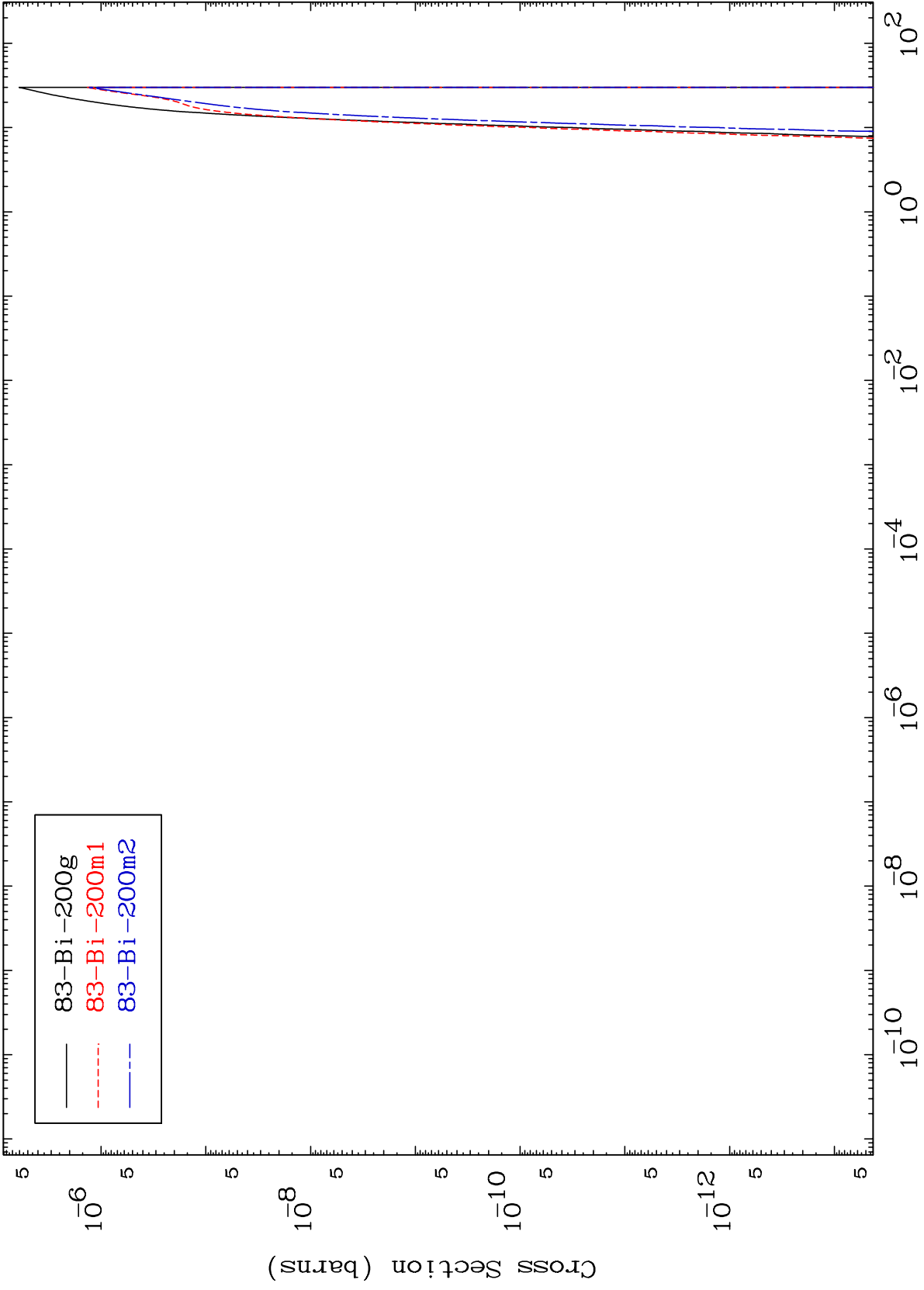
86-Rn-205

MAT 8607

(n,d) α

86-Rn-205

Radionuclide Production Cross Section



151

Incident Energy (MeV)

86-Rn-205