

Program EVALPLOT
(Version 2015-2)

by

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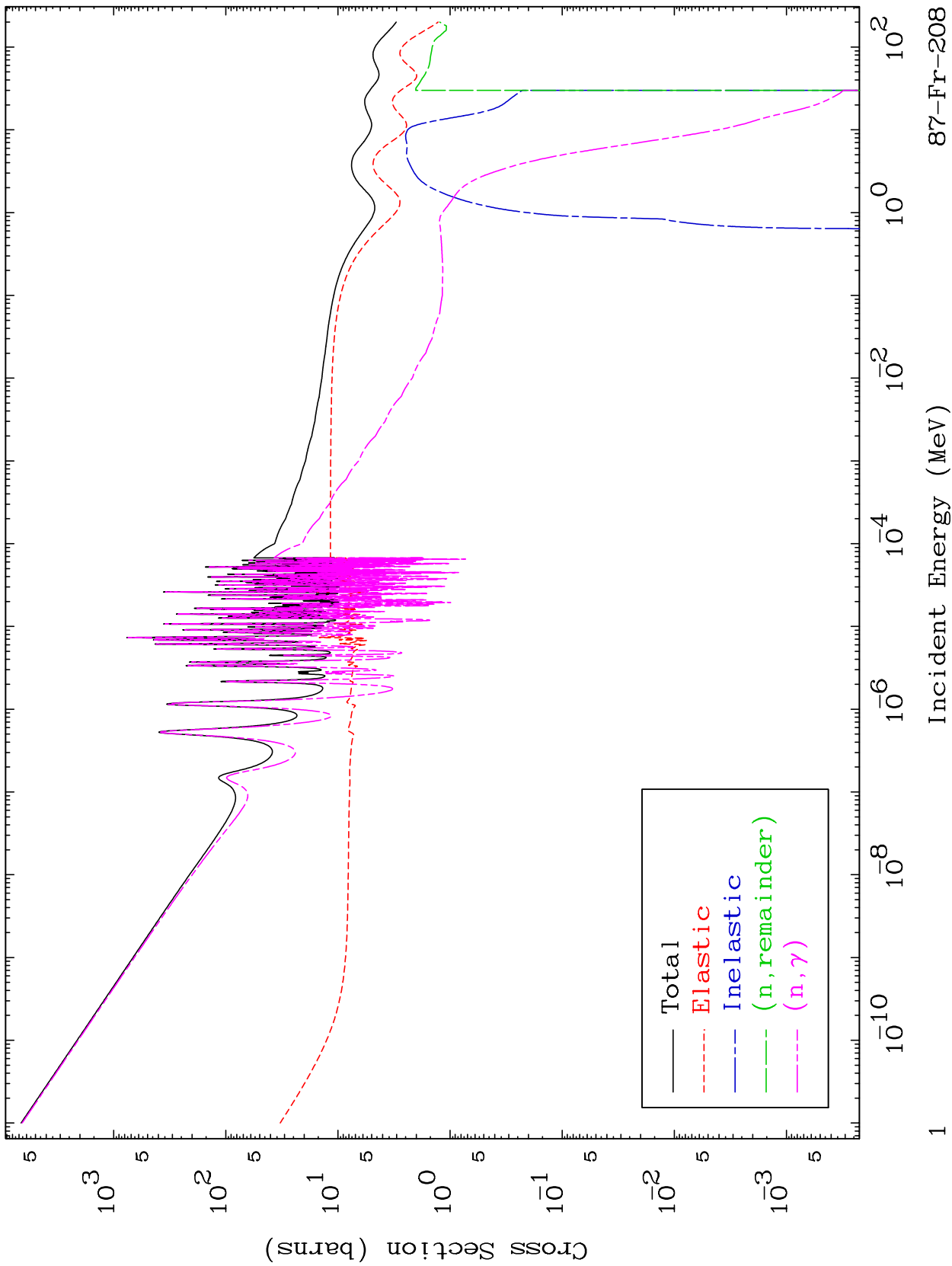
Press Mouse Button to Start

MAT 8713

Major

293 Kelvin Cross Sections

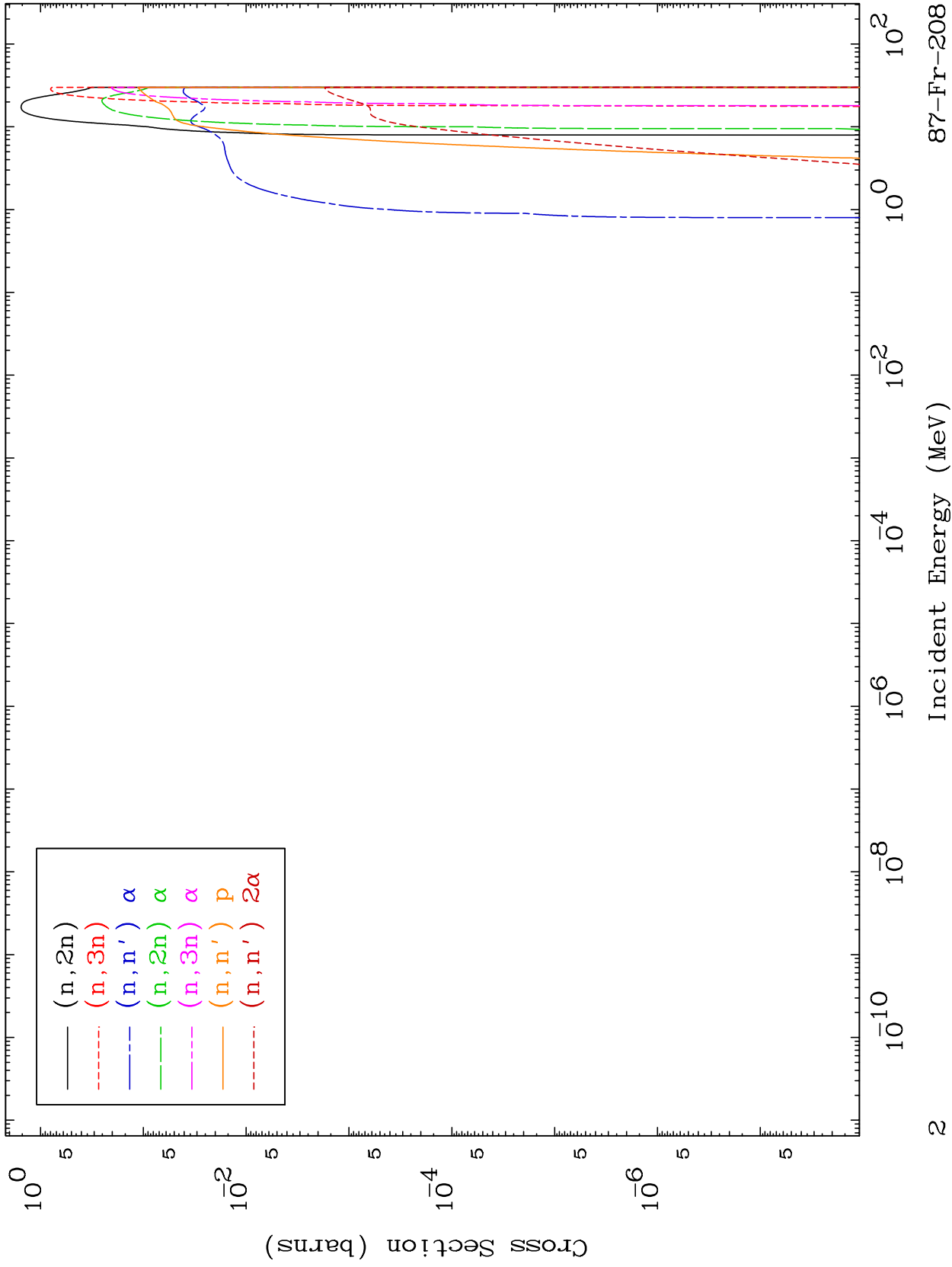
87-Fr-208



MAT 8713

Neutron Production
293 Kelvin Cross Sections

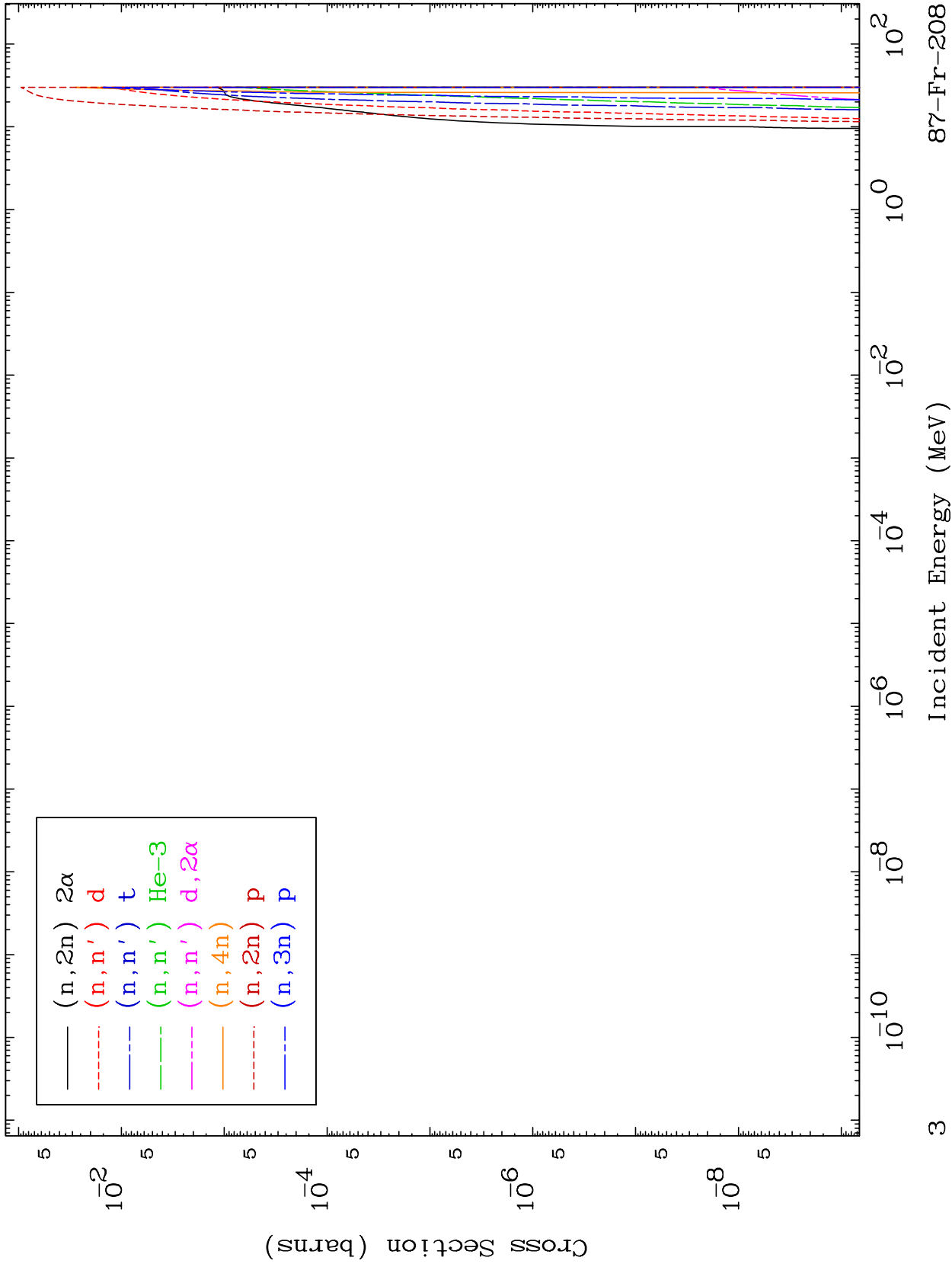
87-Fr-208



MAT 8713

Neutron Production
293 Kelvin Cross Sections

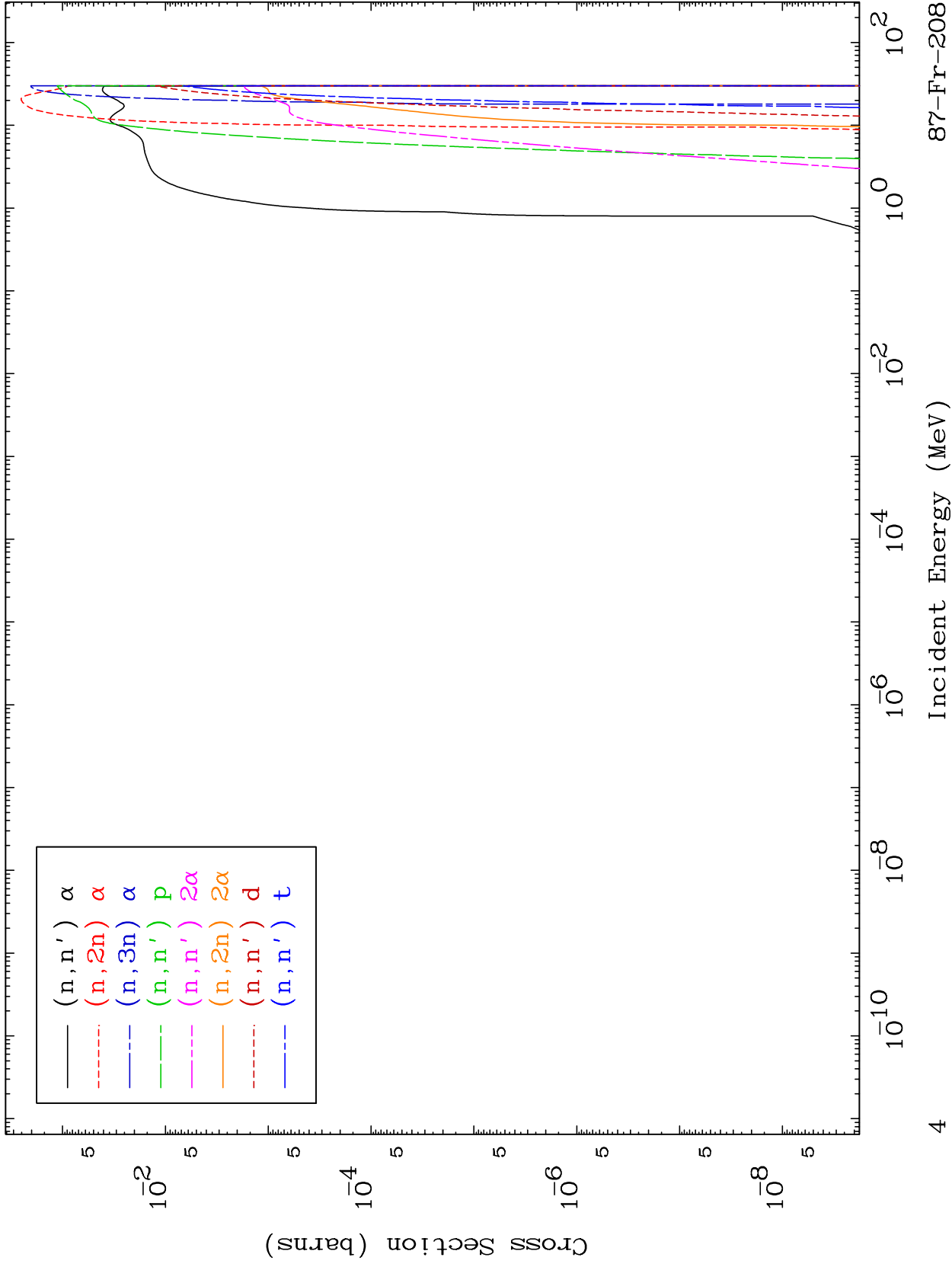
87-Fr-208



MAT 8713

Charged Particle
293 Kelvin Cross Sections

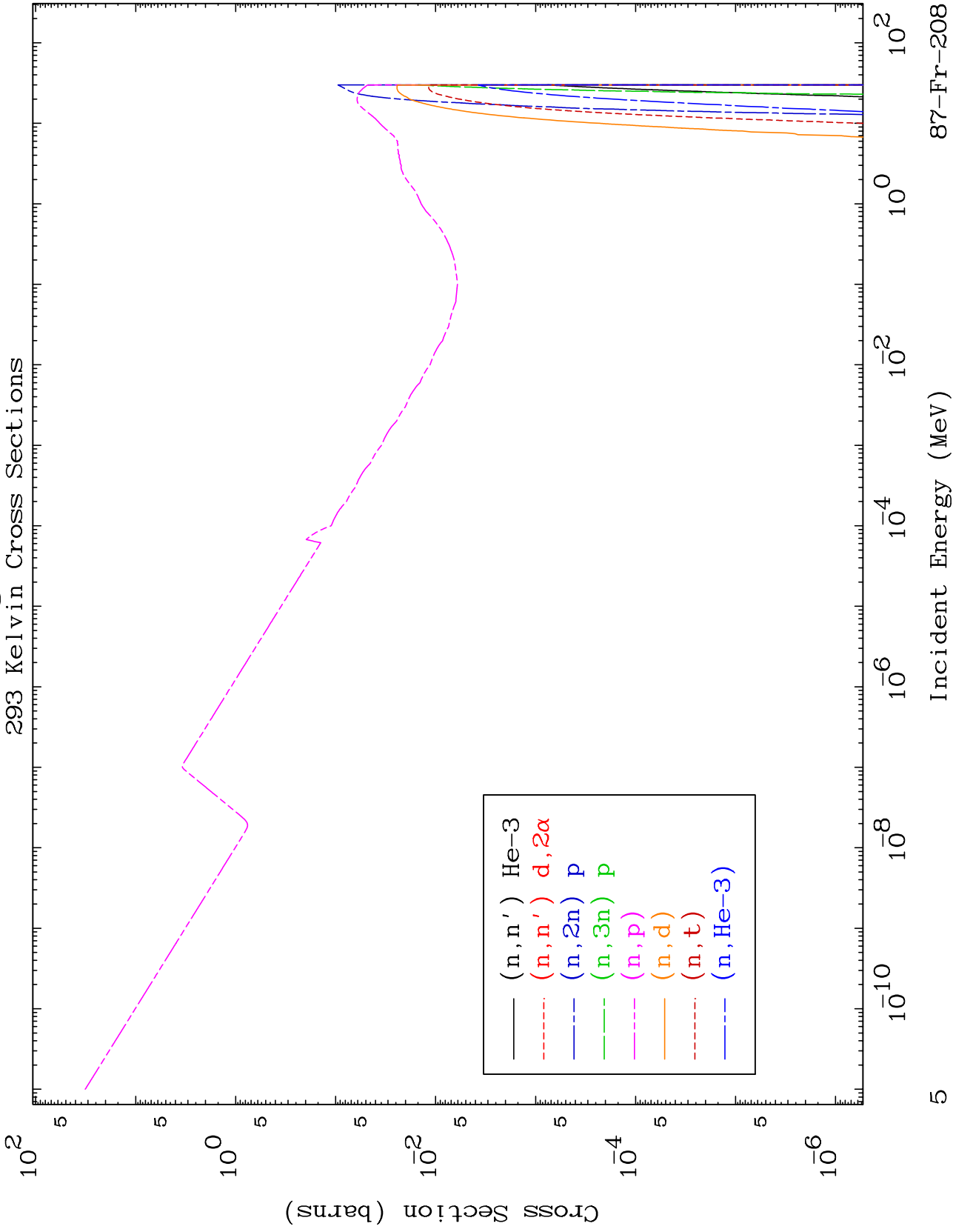
87-Fr-208



MAT 8713

Charged Particle
293 Kelvin Cross Sections

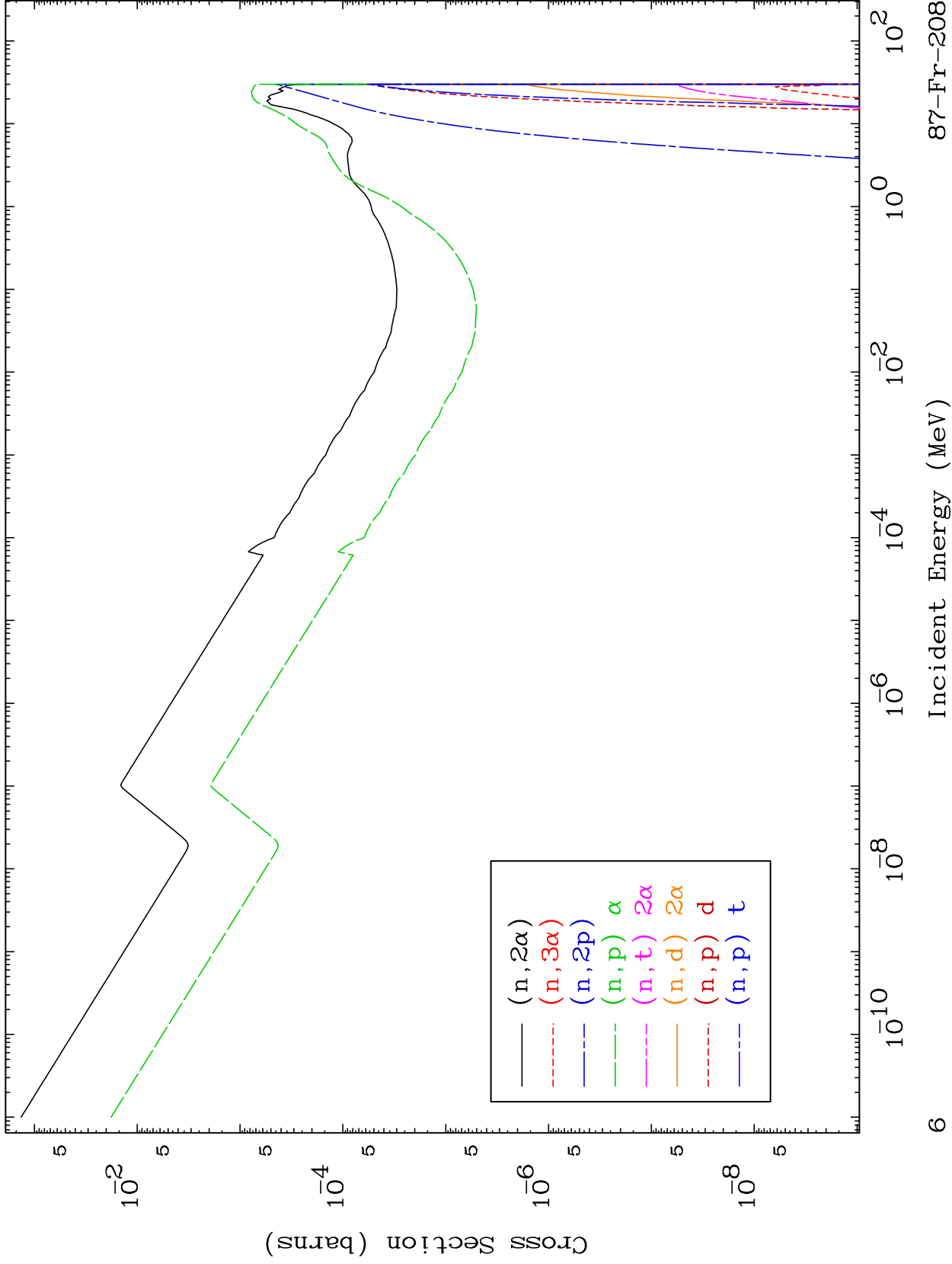
87-Fr-208



MAT 8713

Charged Particle
293 Kelvin Cross Sections

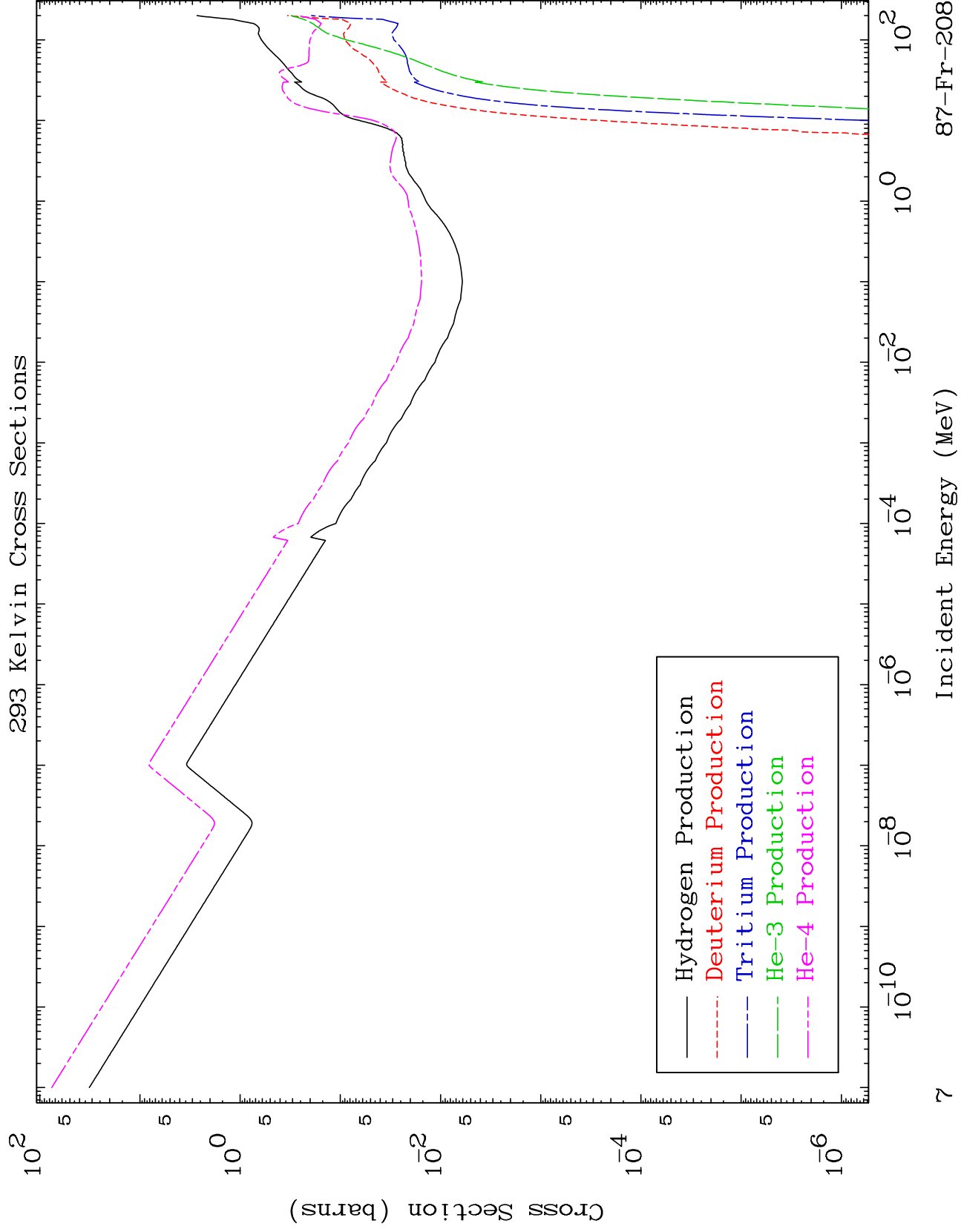
87-Fr-208



MAT 8713

Particle Production
293 Kelvin Cross Sections

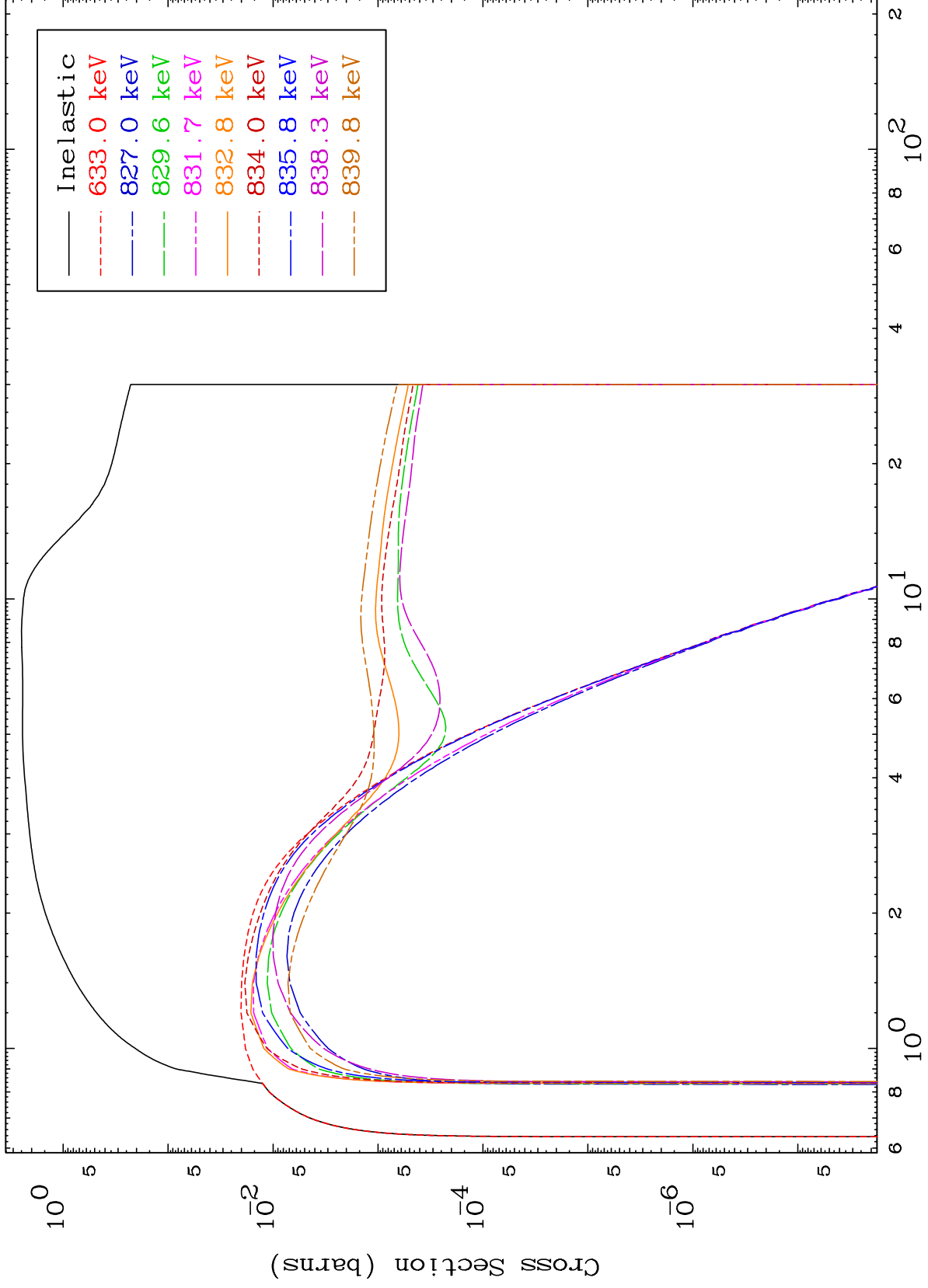
87-Fr-208



MAT 8713

(n,n') Level
293 Kelvin Cross Sections

87-Fr-208



8

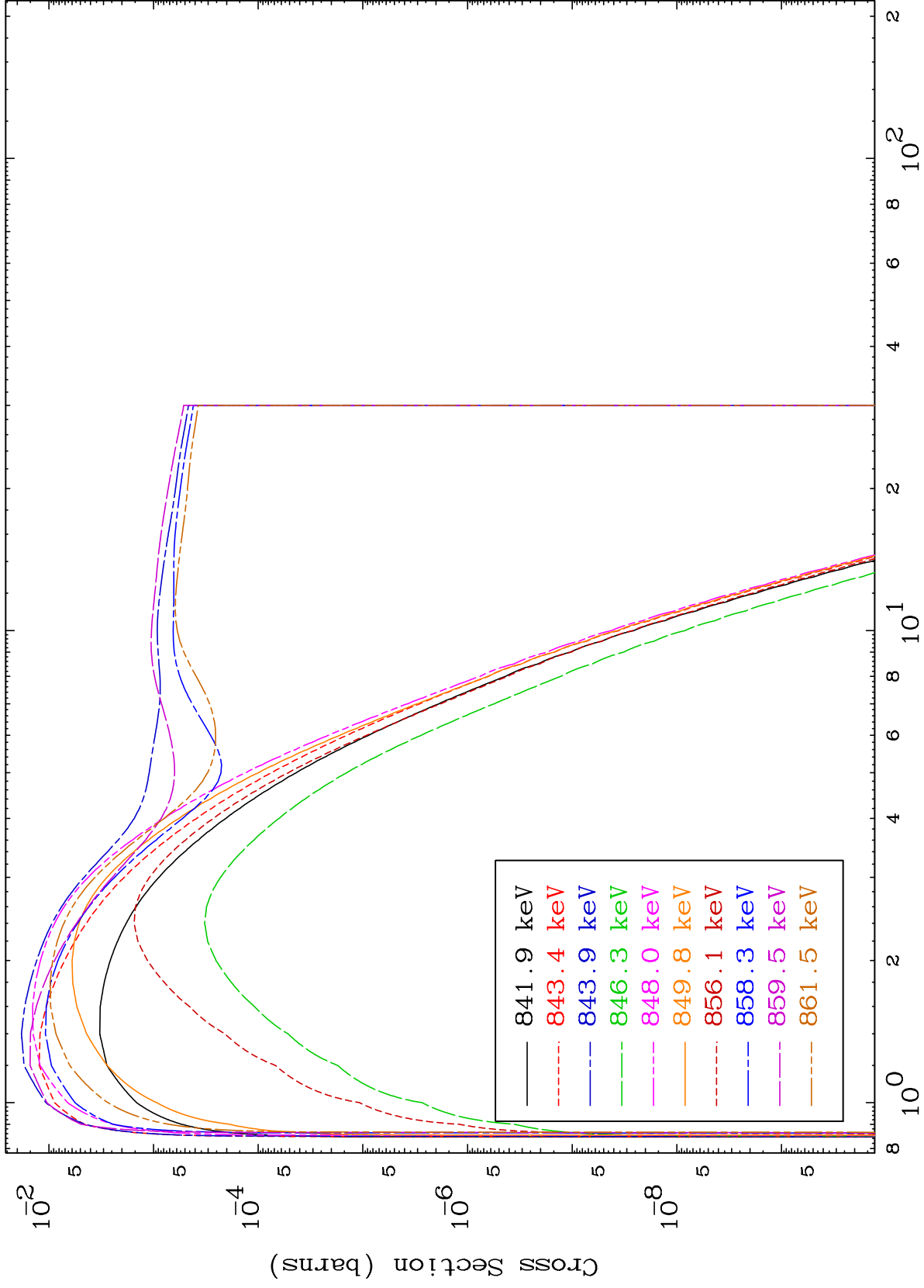
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,n') Level
293 Kelvin Cross Sections

87-Fr-208



9

Incident Energy (MeV)

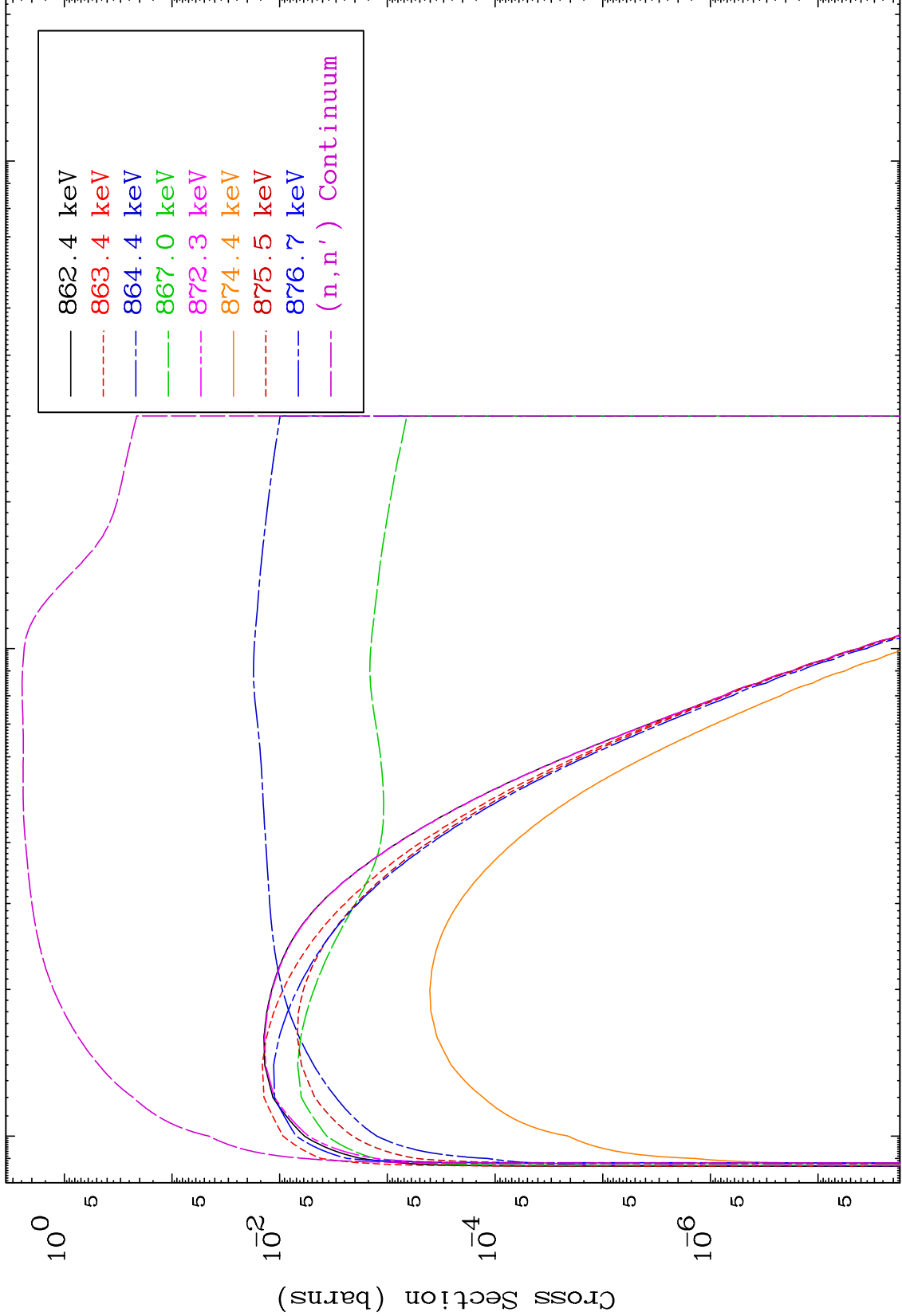
87-Fr-208

MAT 8713

(n,n') Level

87-Fr-208

293 Kelvin Cross Sections



8 10²

2 10¹

2 10⁰

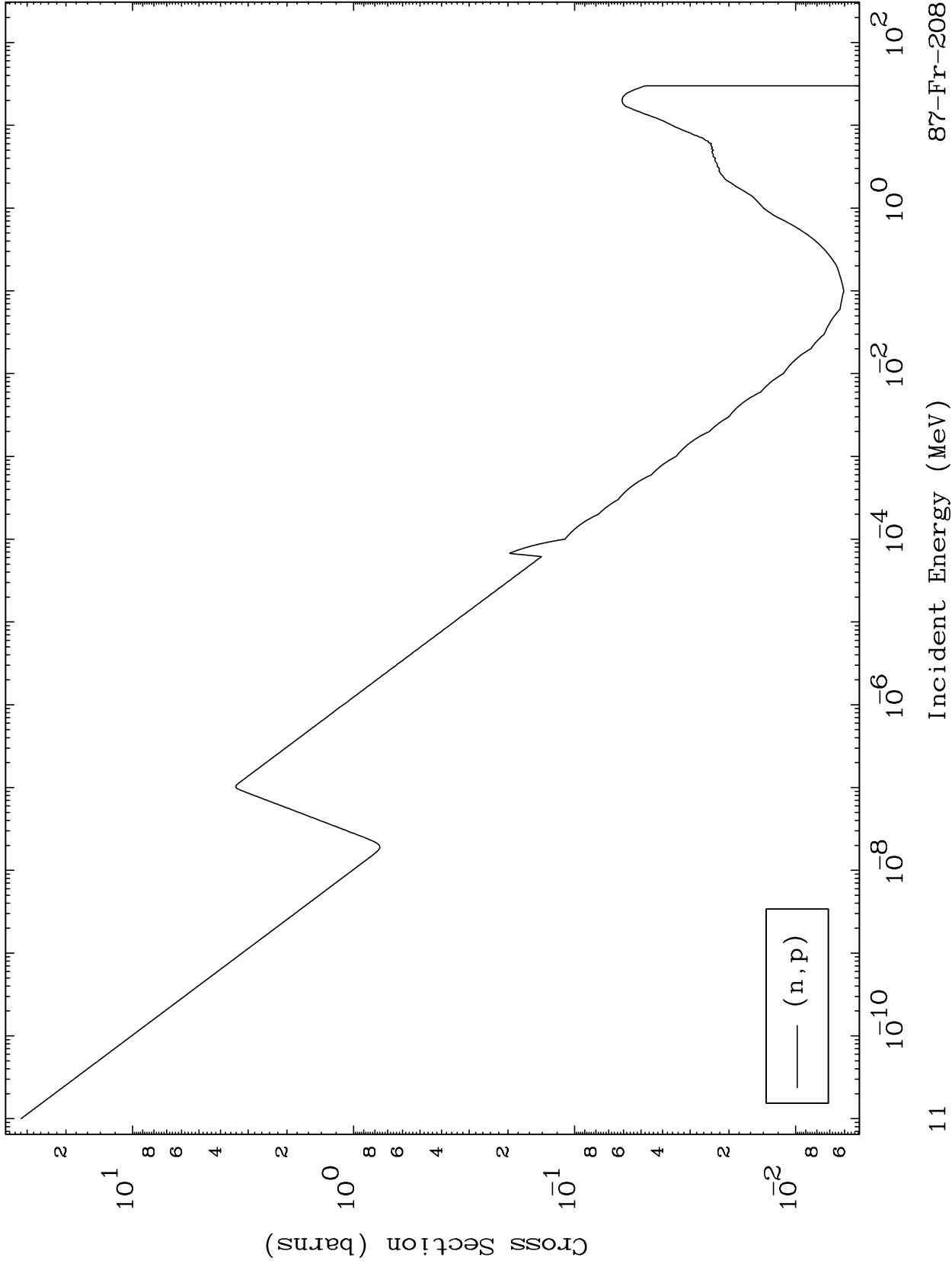
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,p) Levels
293 Kelvin Cross Sections

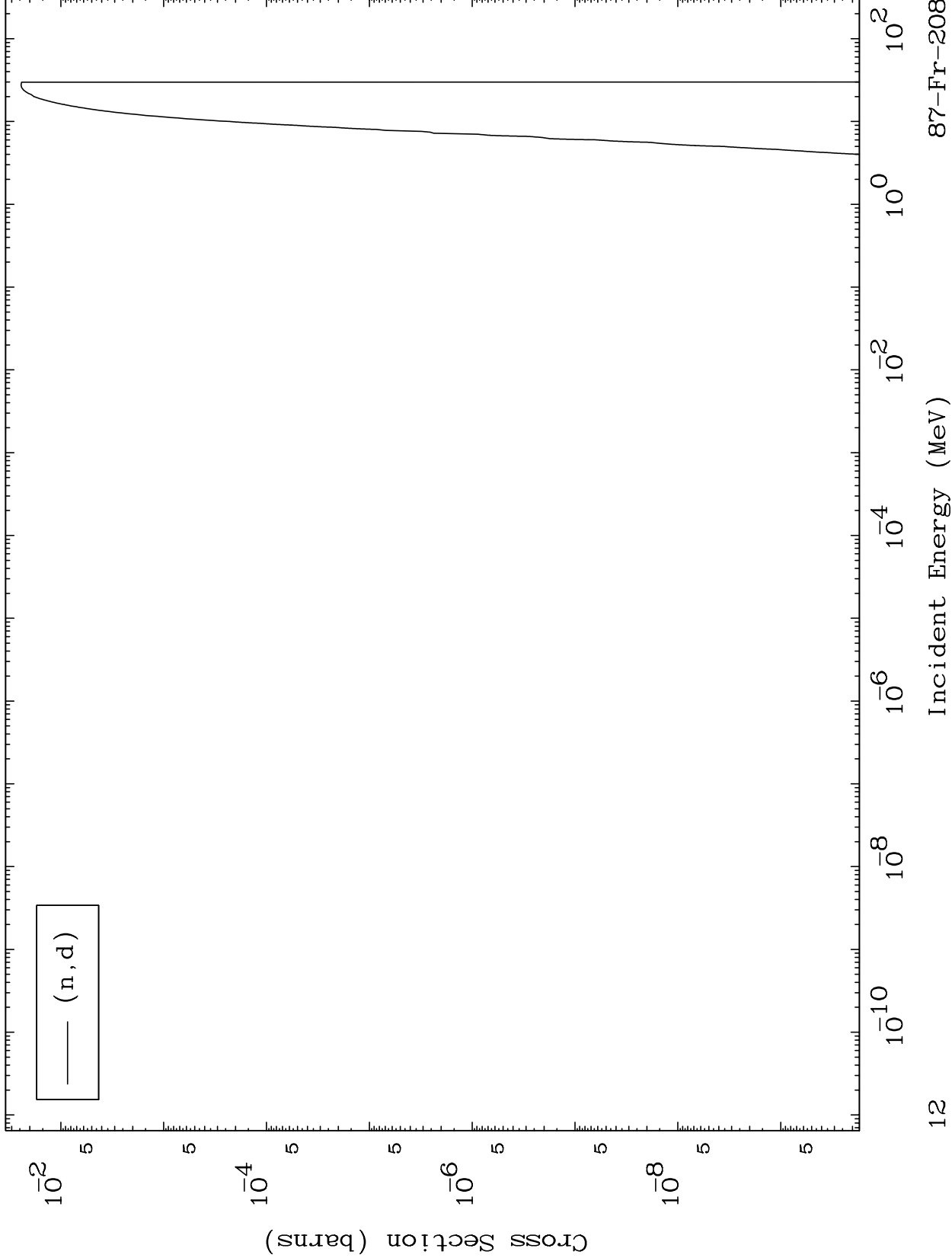
87-Fr-208



MAT 8713

(n,d) Levels
293 Kelvin Cross Sections

87-Fr-208

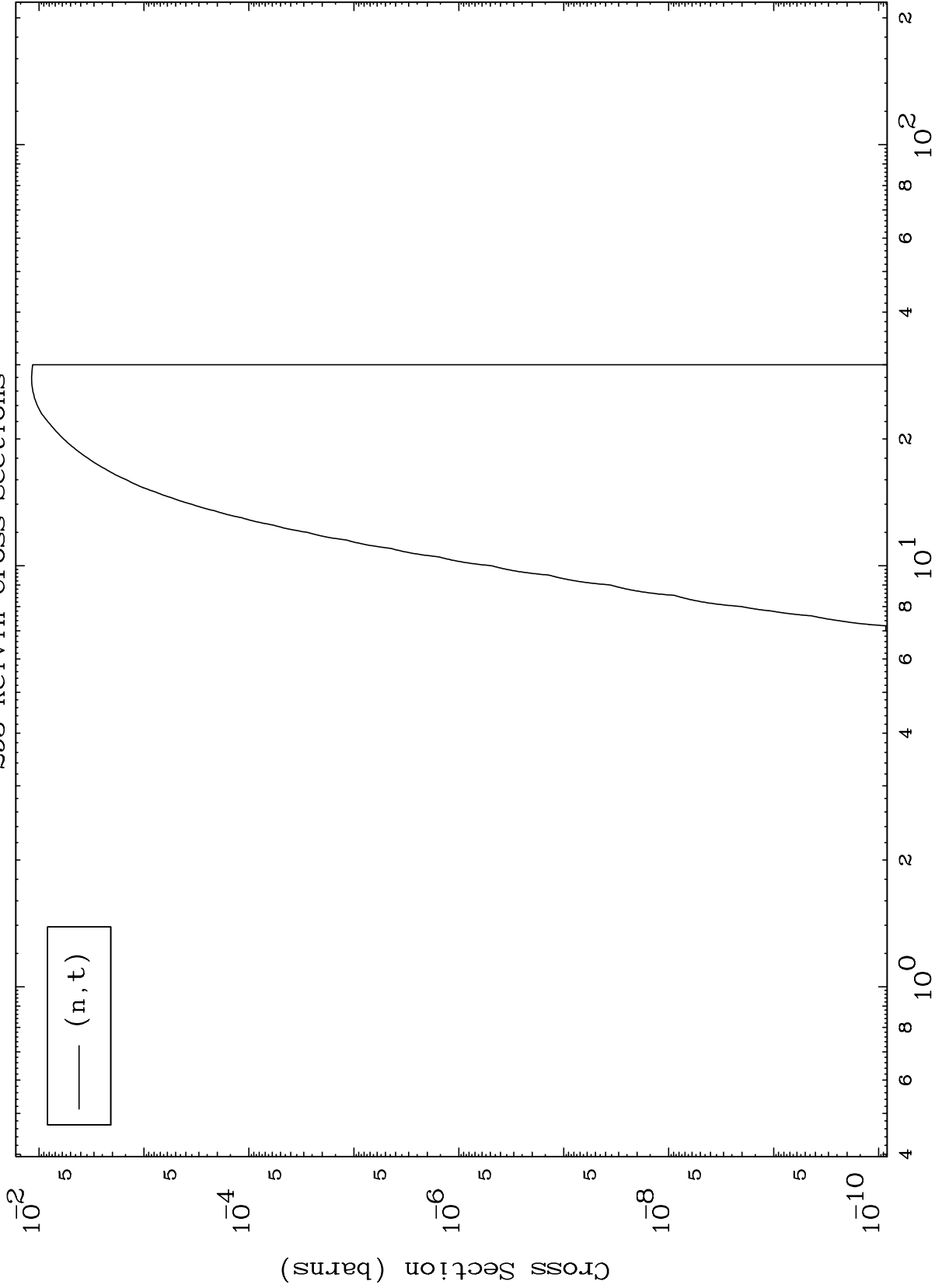


MAT 8713

(n,t) Levels

87-Fr-208

293 Kelvin Cross Sections



13

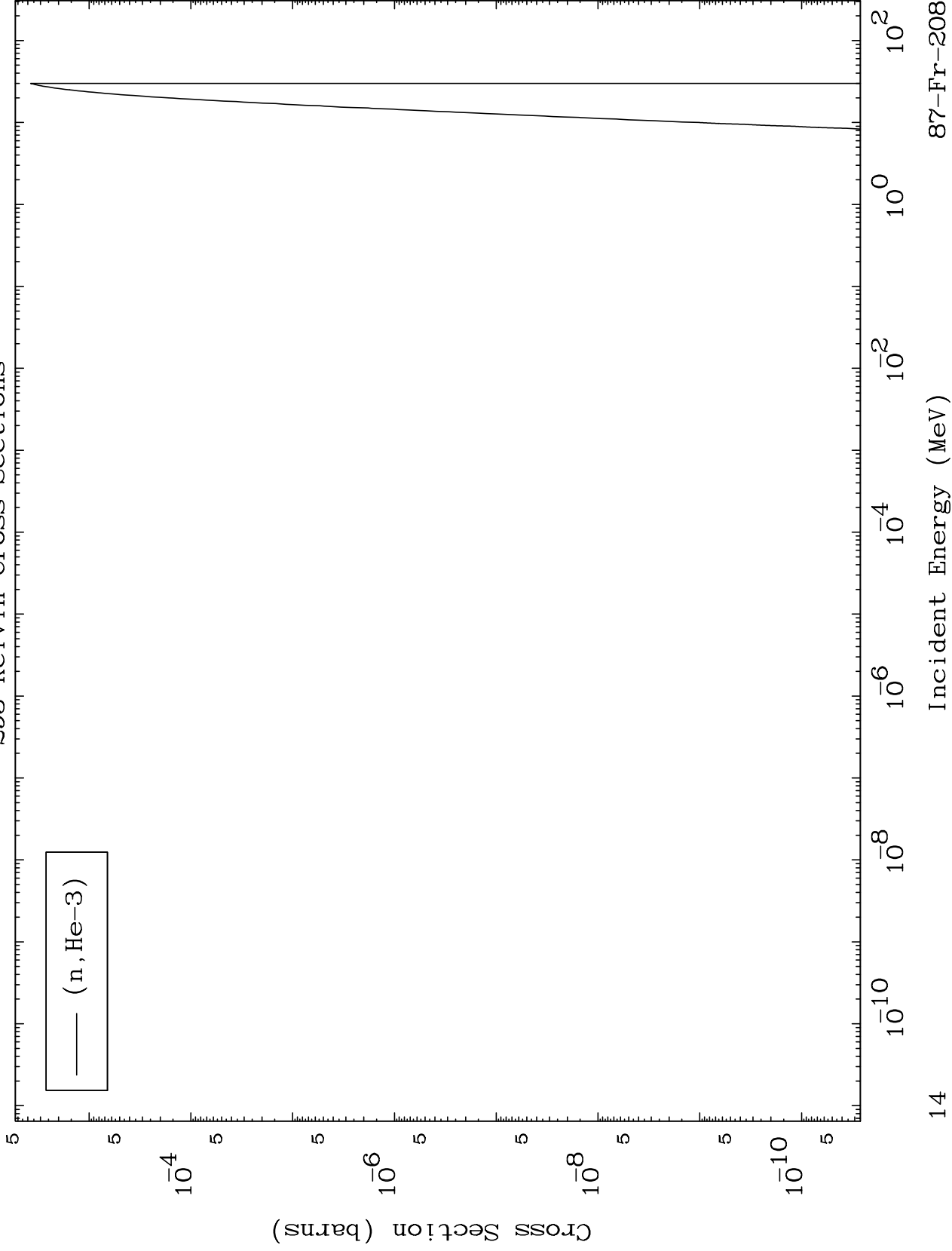
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,He3) Levels
293 Kelvin Cross Sections

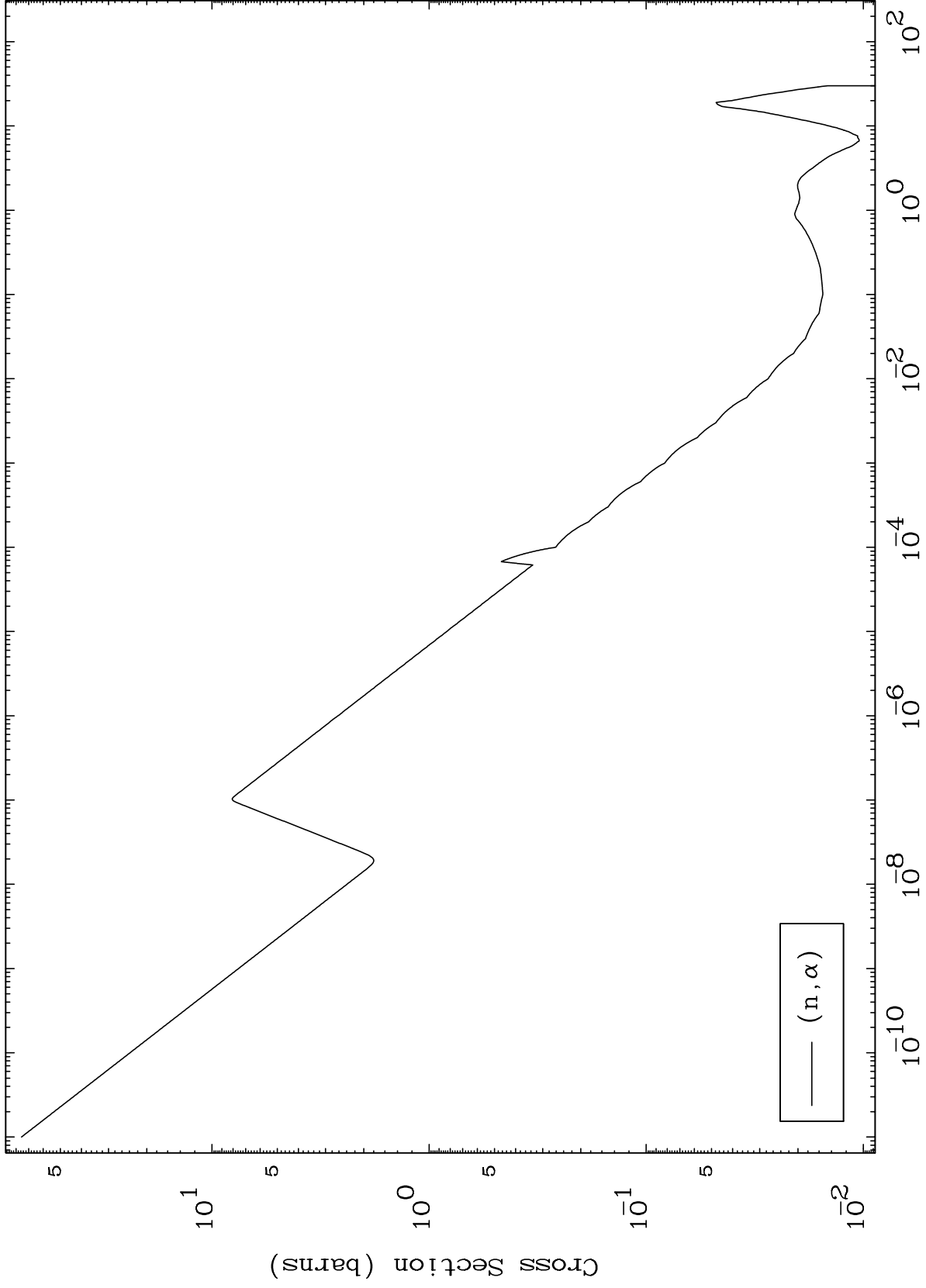
87-Fr-208



MAT 8713

(n, α) Levels
293 Kelvin Cross Sections

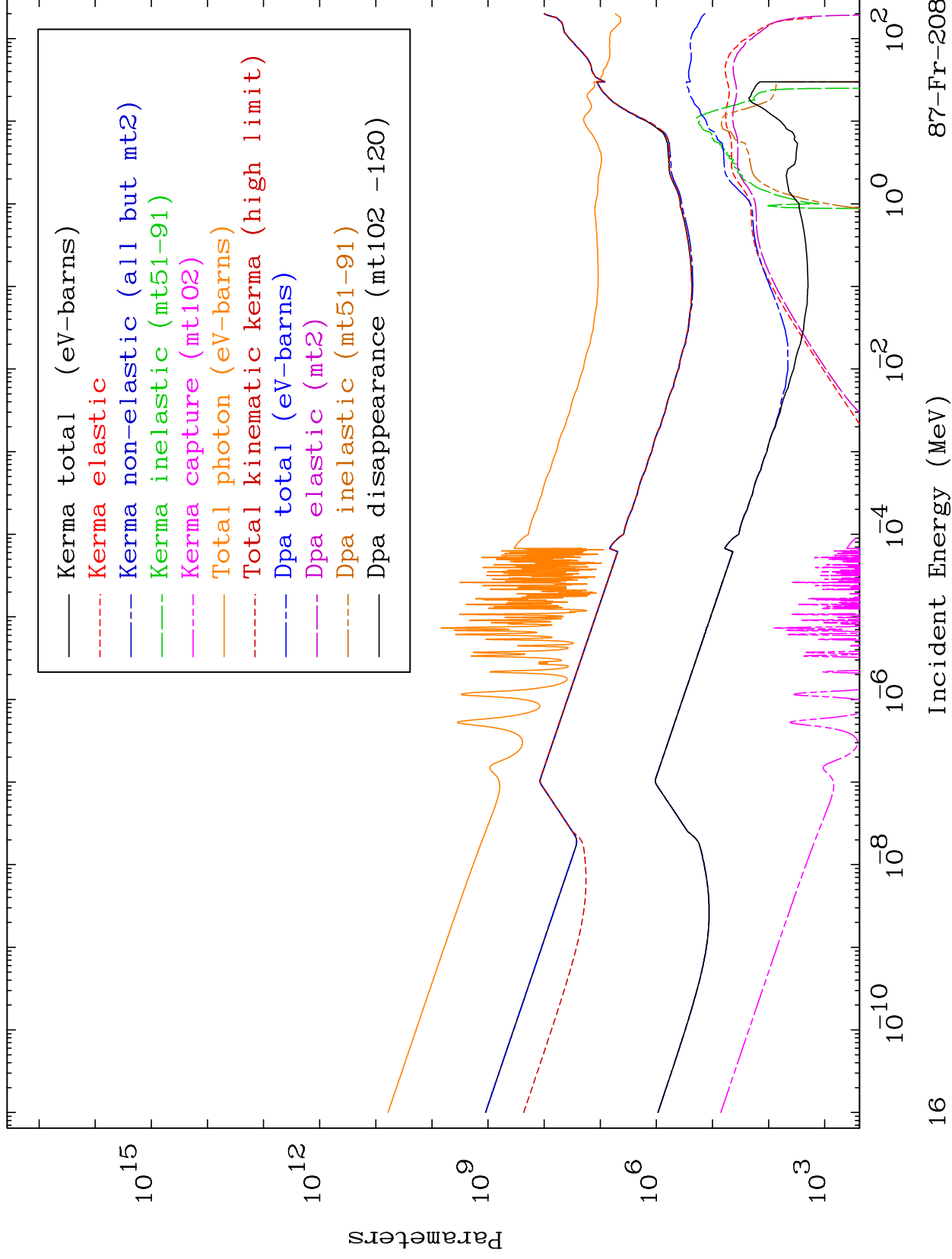
87-Fr-208



15

Incident Energy (MeV)

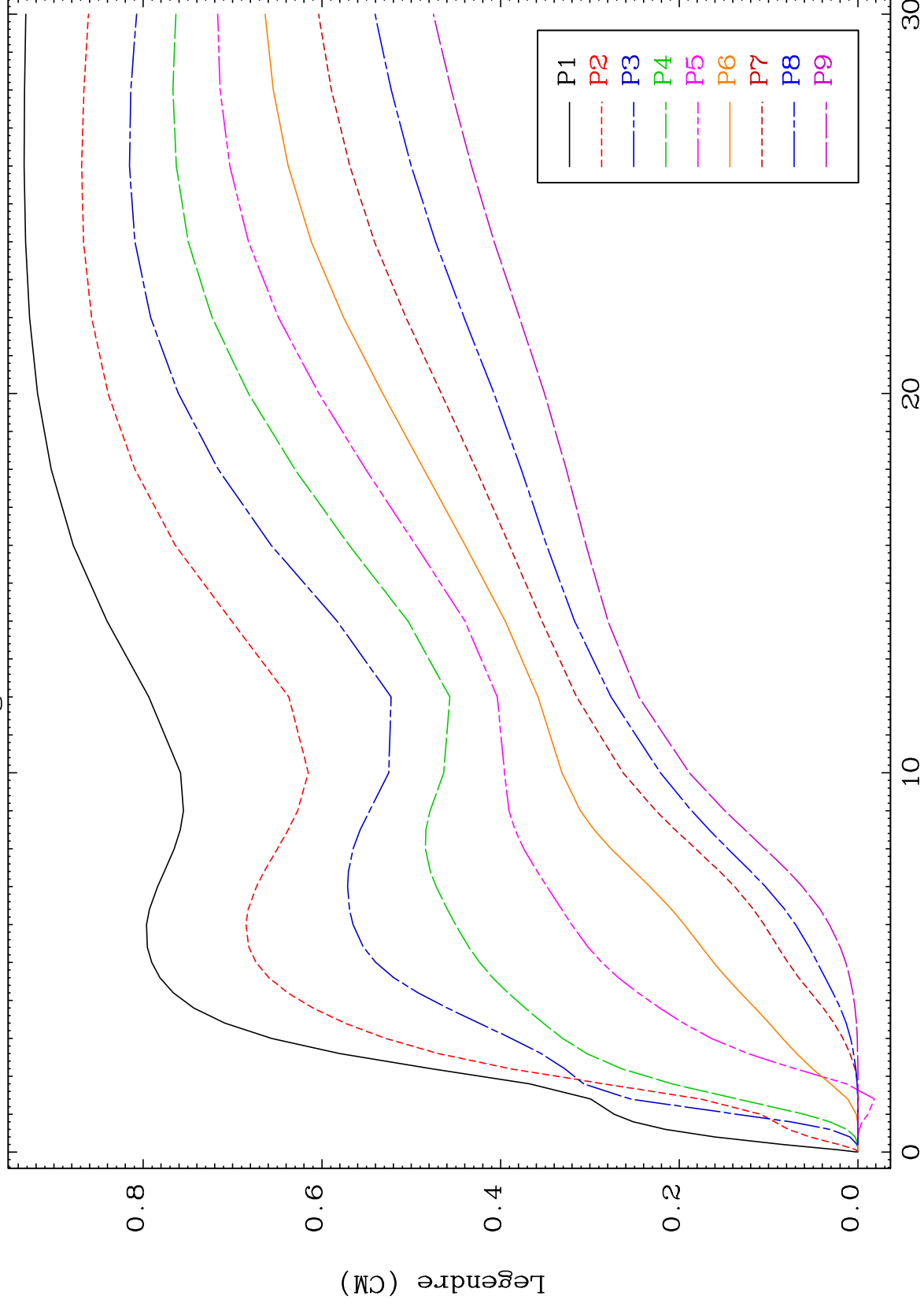
87-Fr-208



MAT 8713

Elastic Legendre Coefficients

87-Fr-208



17

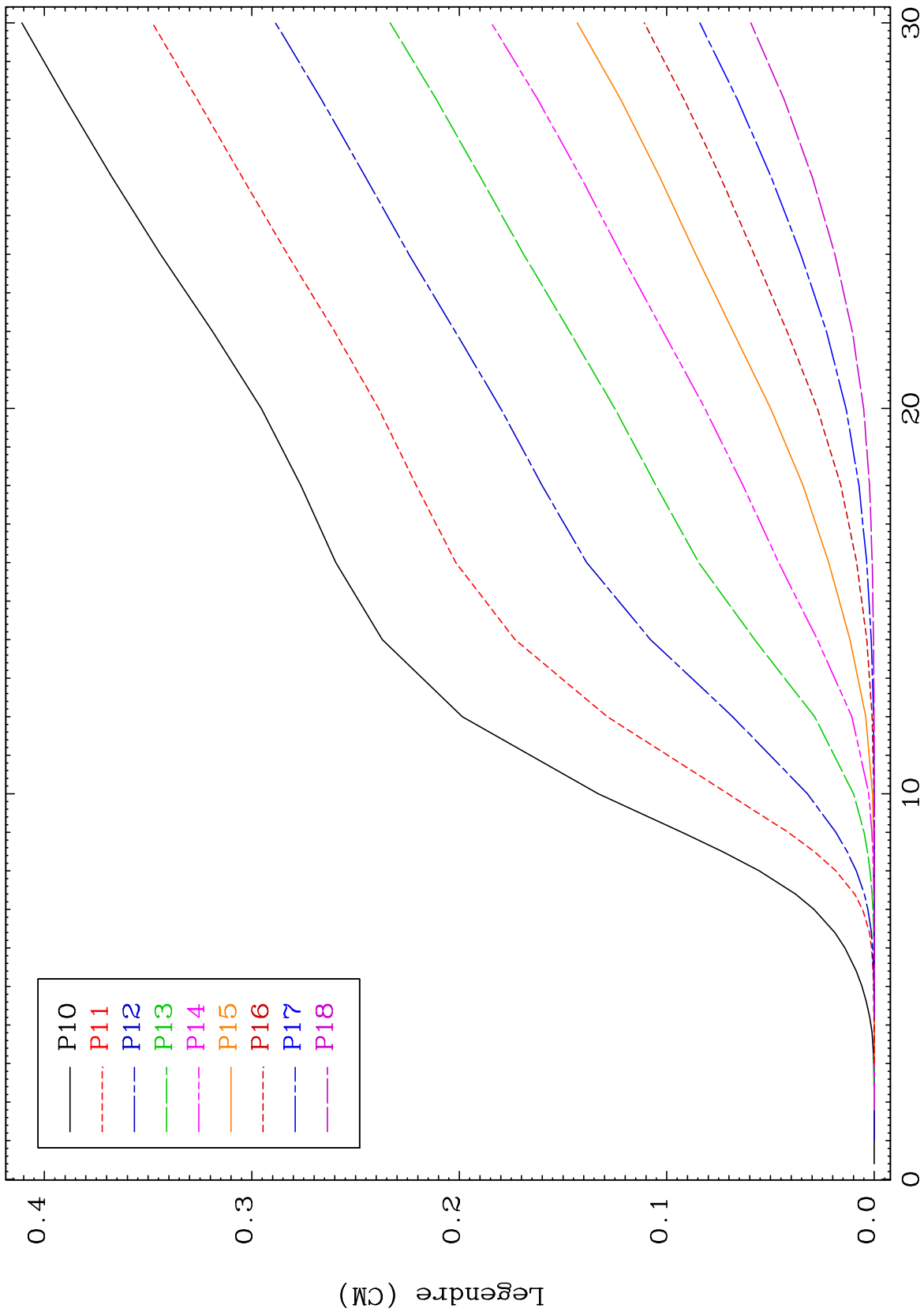
Incident Energy (MeV)

87-Fr-208

MAT 8713

Elastic Legendre Coefficients

87-Fr-208



18

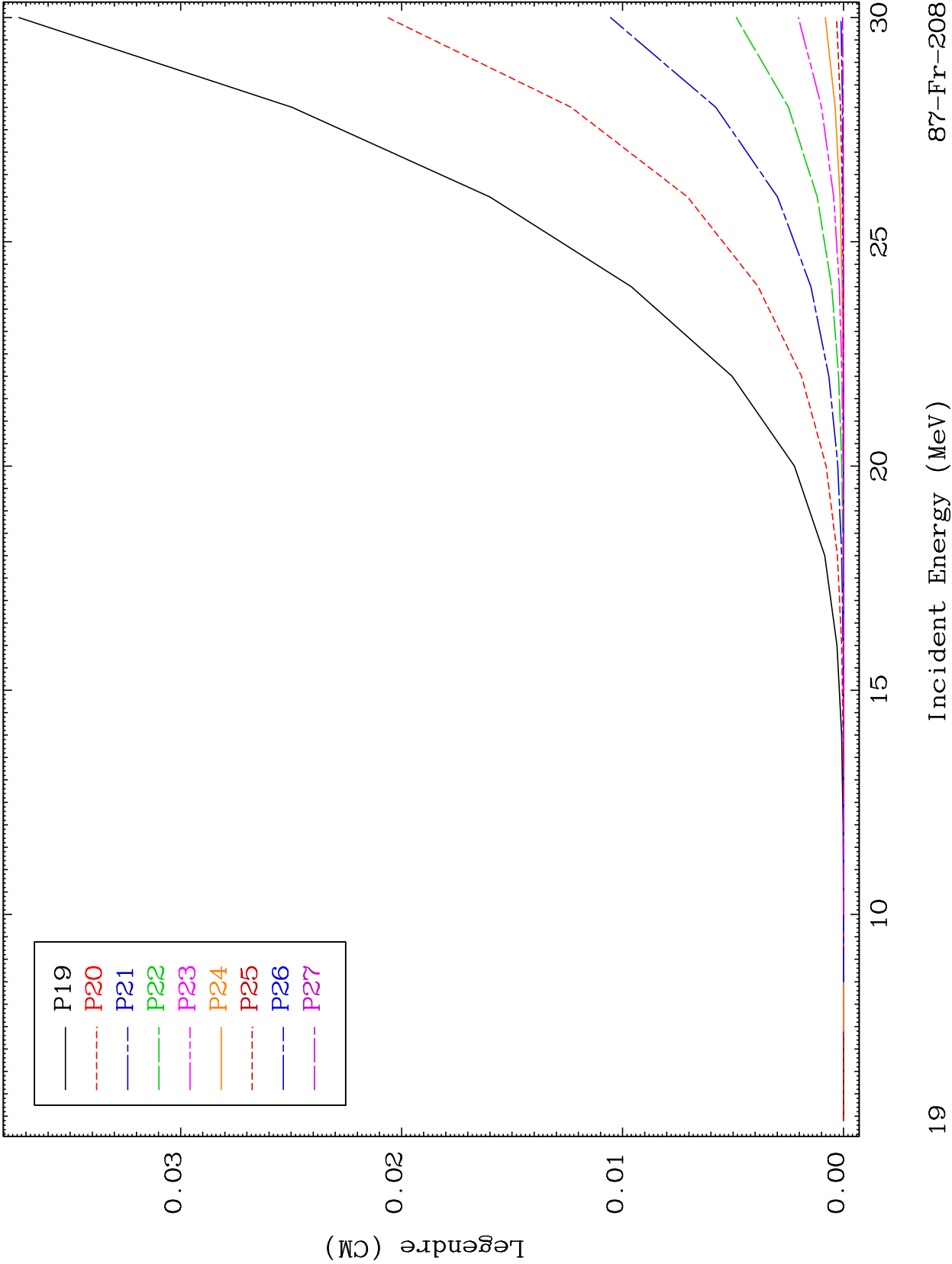
Incident Energy (MeV)

87-Fr-208

MAT 8713

Elastic Legendre Coefficients

87-Fr-208



19

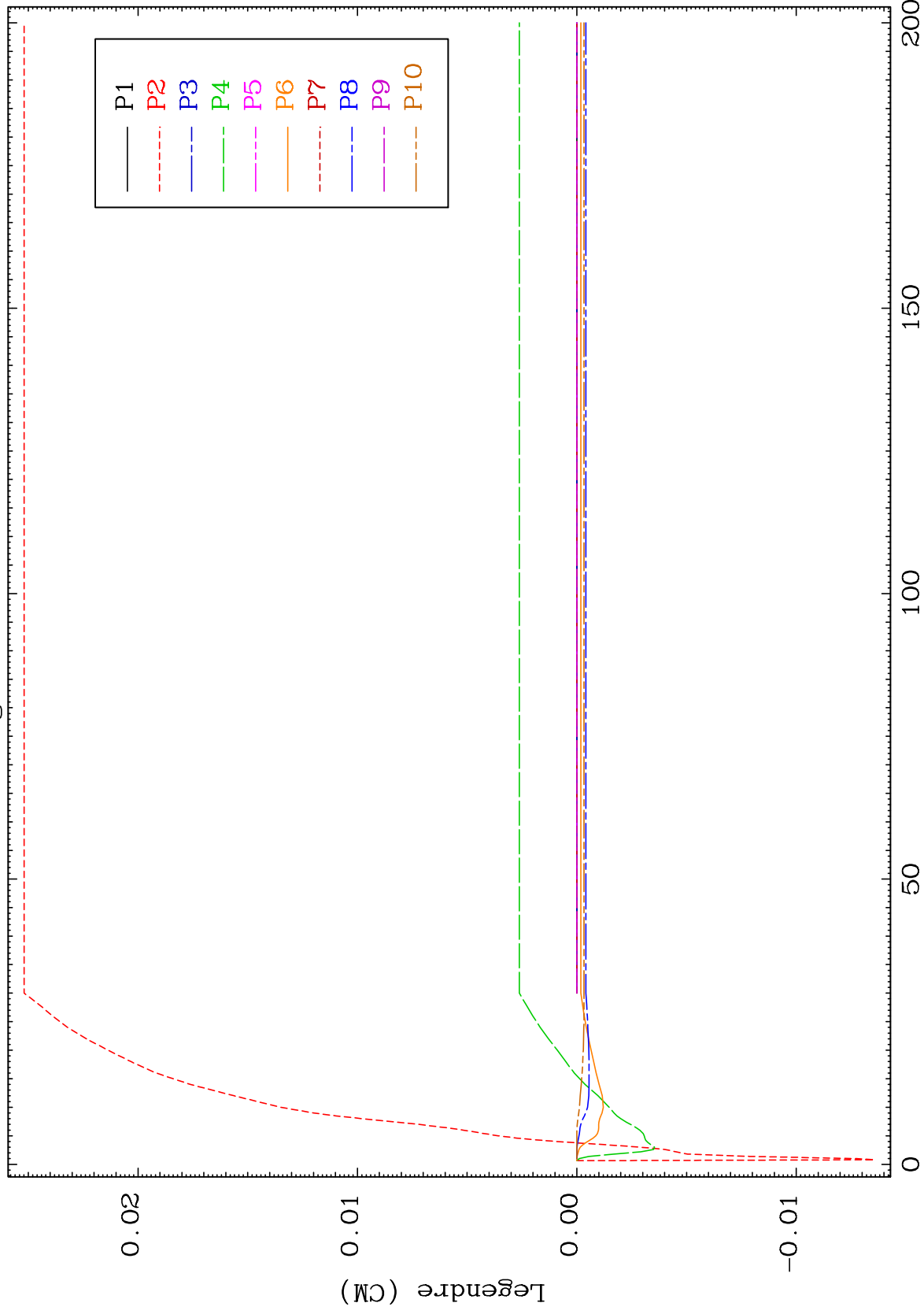
Incident Energy (MeV)

87-Fr-208

MAT 8713

633.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

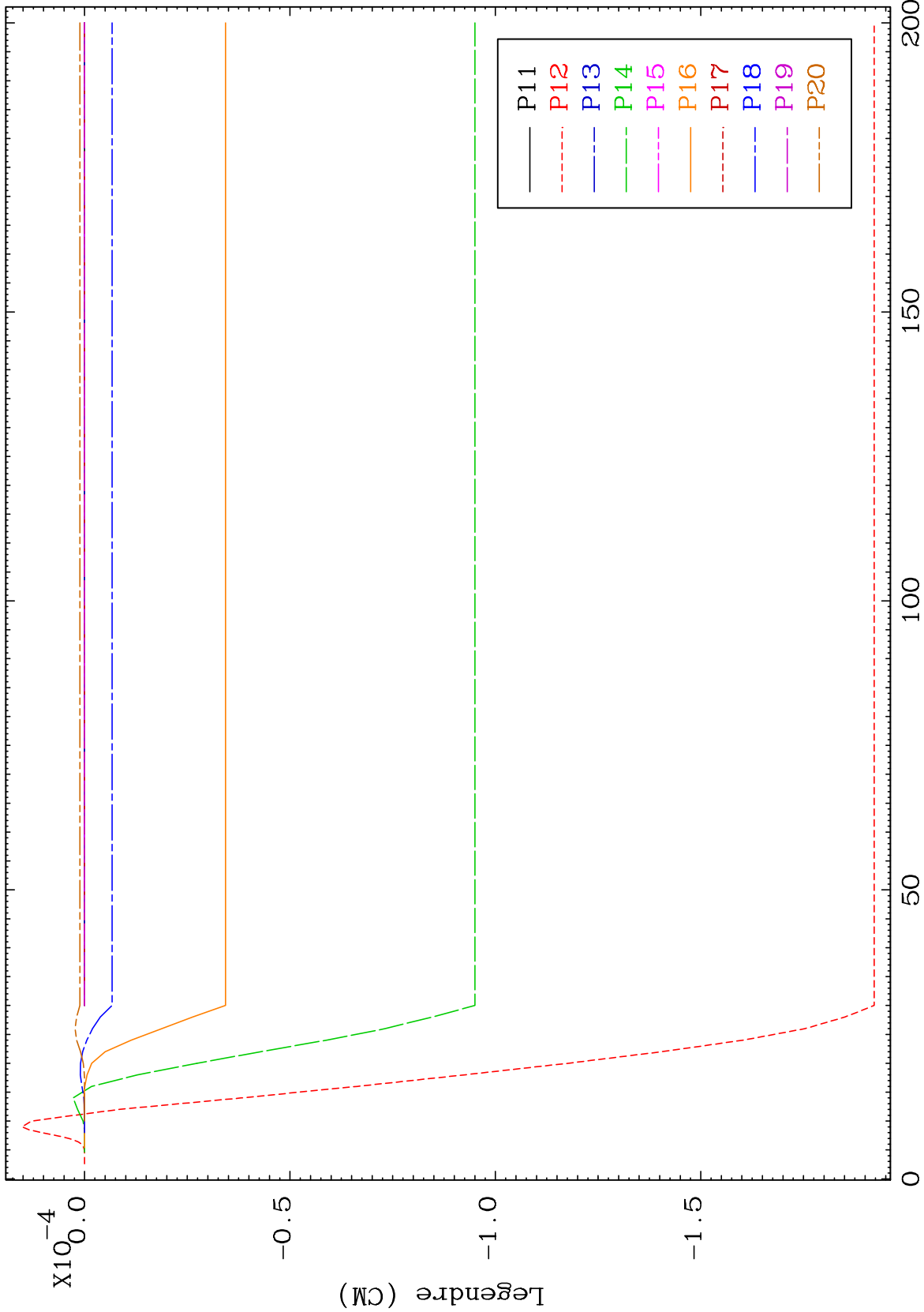
Incident Energy (MeV)

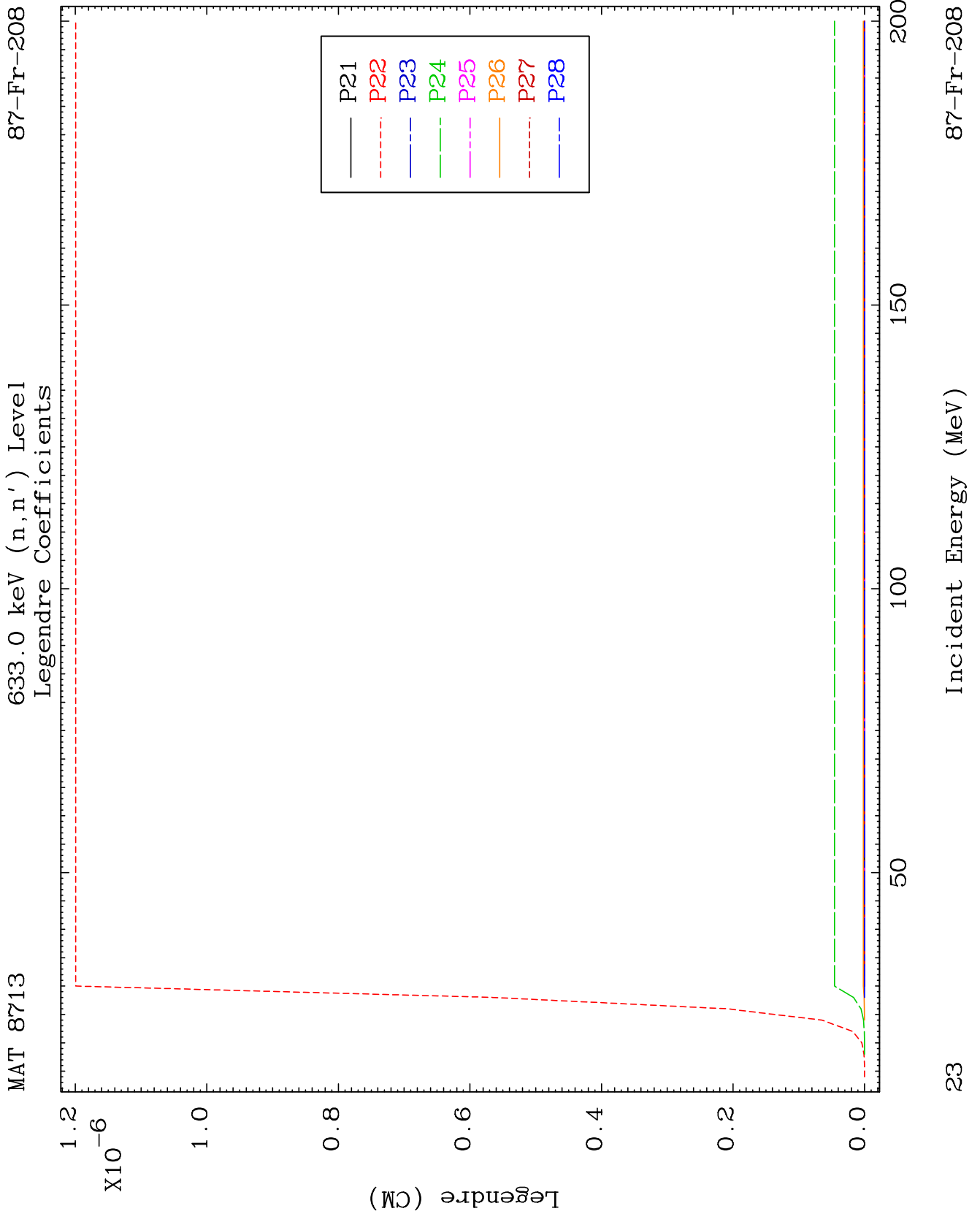
21

MAT 8713

633.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208

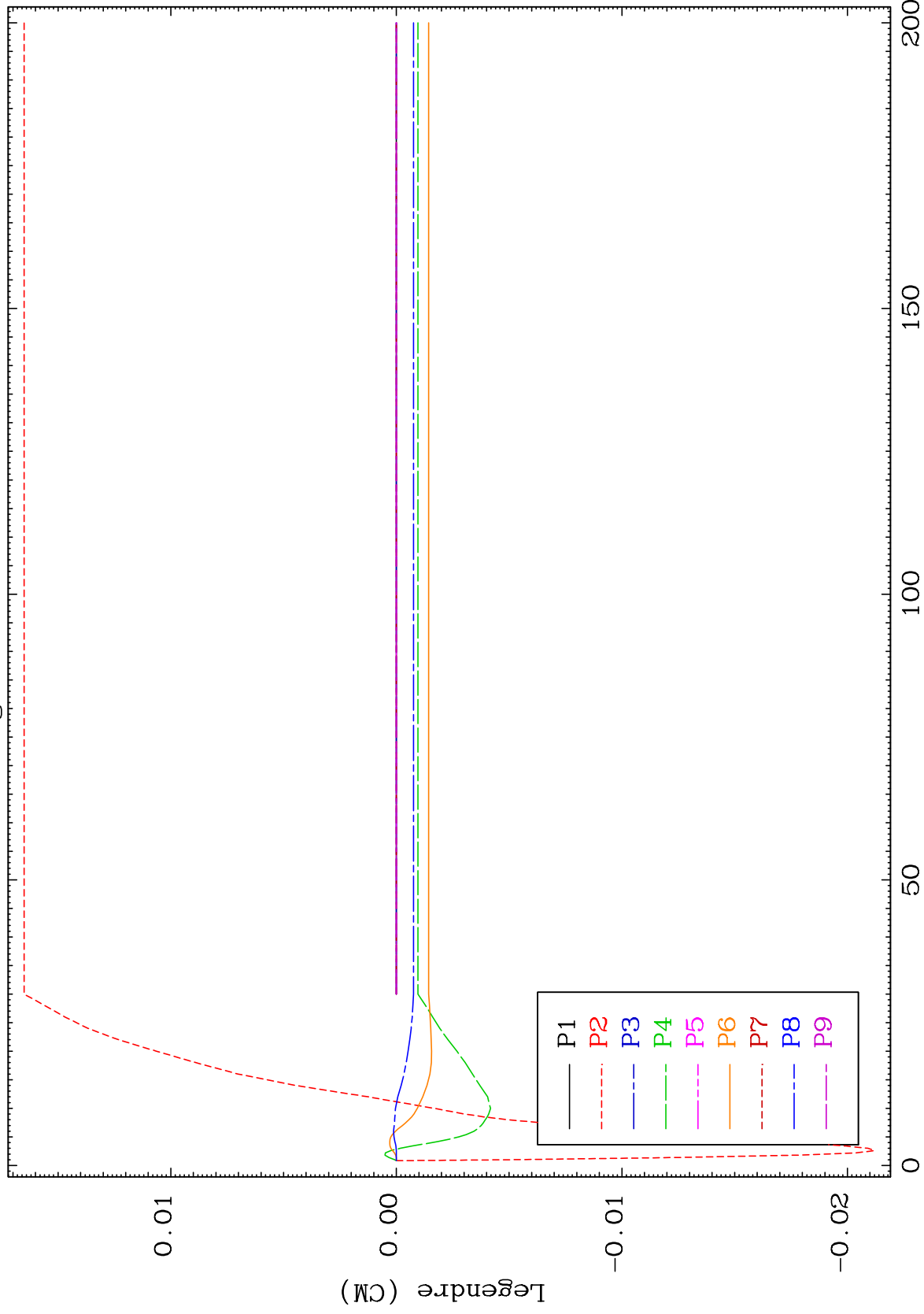




MAT 8713

827.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



24

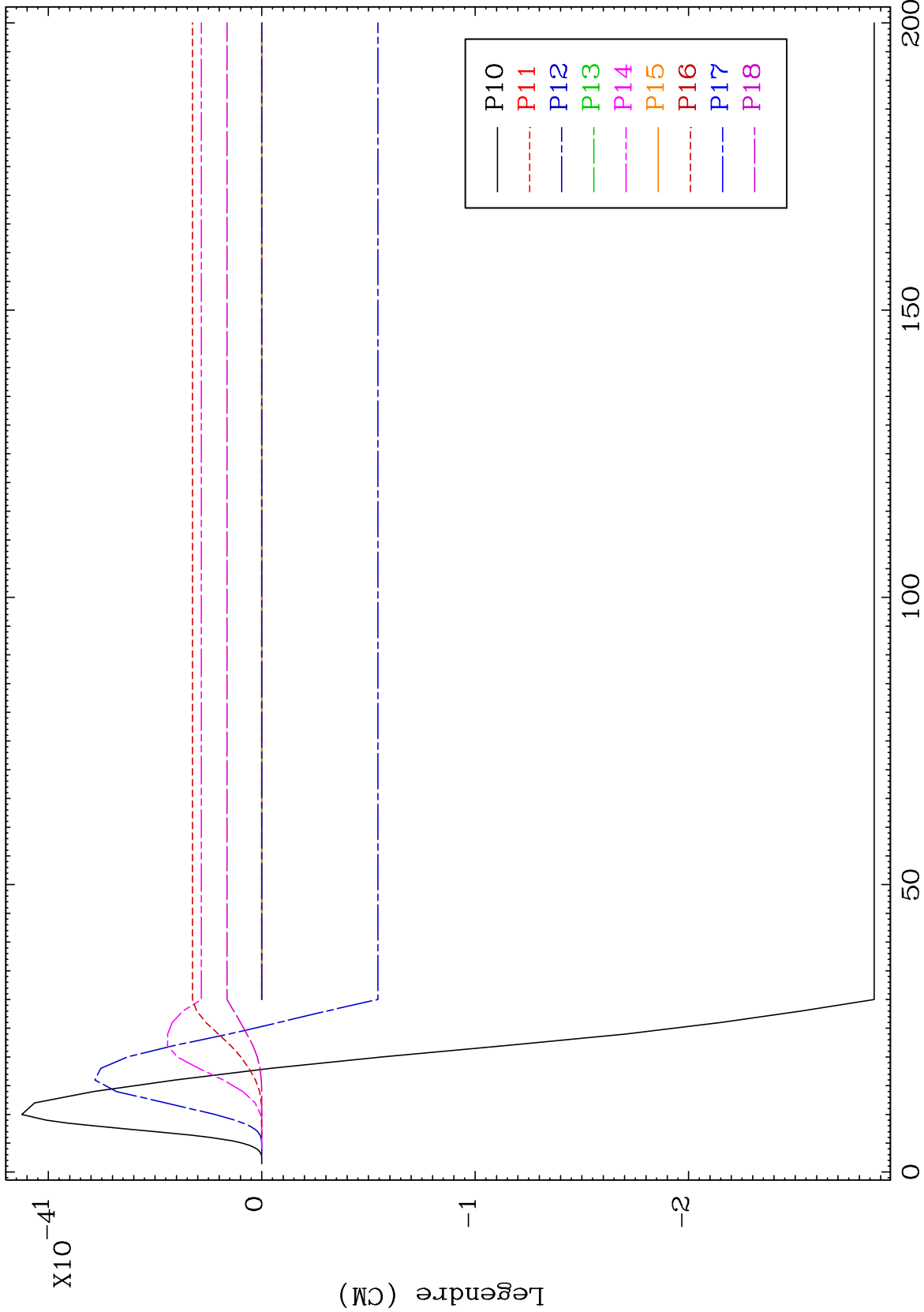
Incident Energy (MeV)

87-Fr-208

MAT 8713

827.0 keV (n,n') Level
Legendre Coefficients

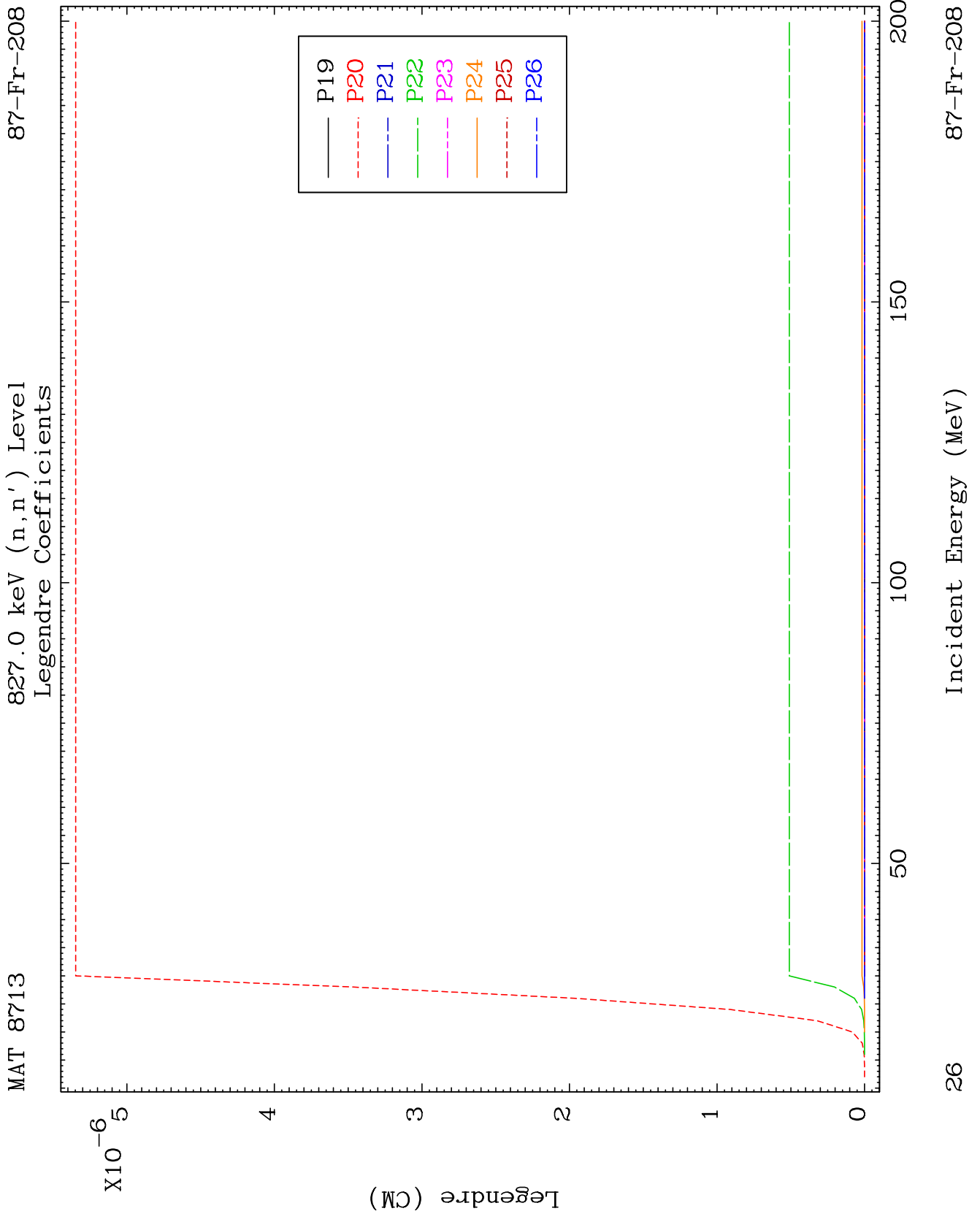
87-Fr-208



25

Incident Energy (MeV)

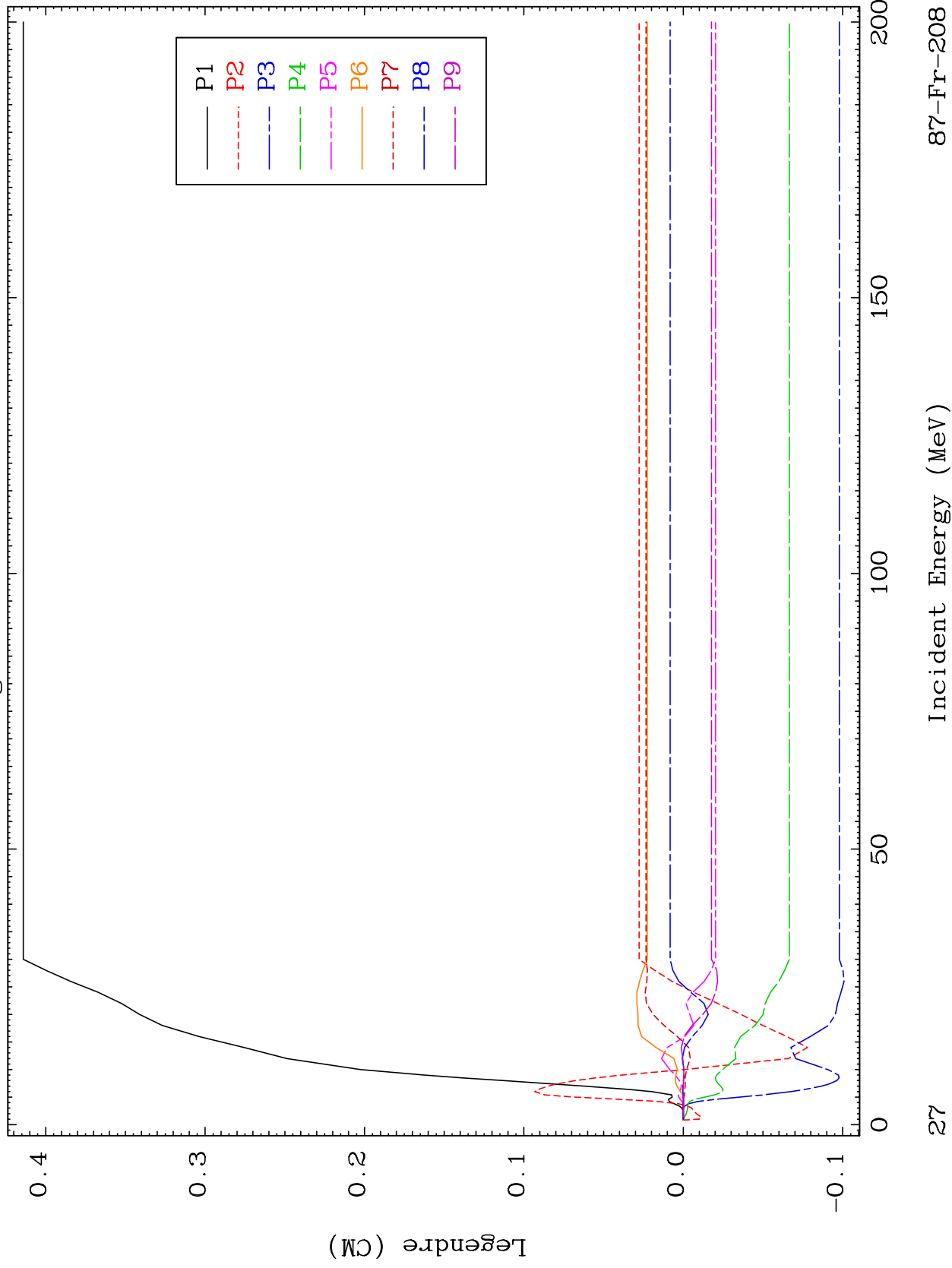
87-Fr-208



MAT 8713

829.6 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

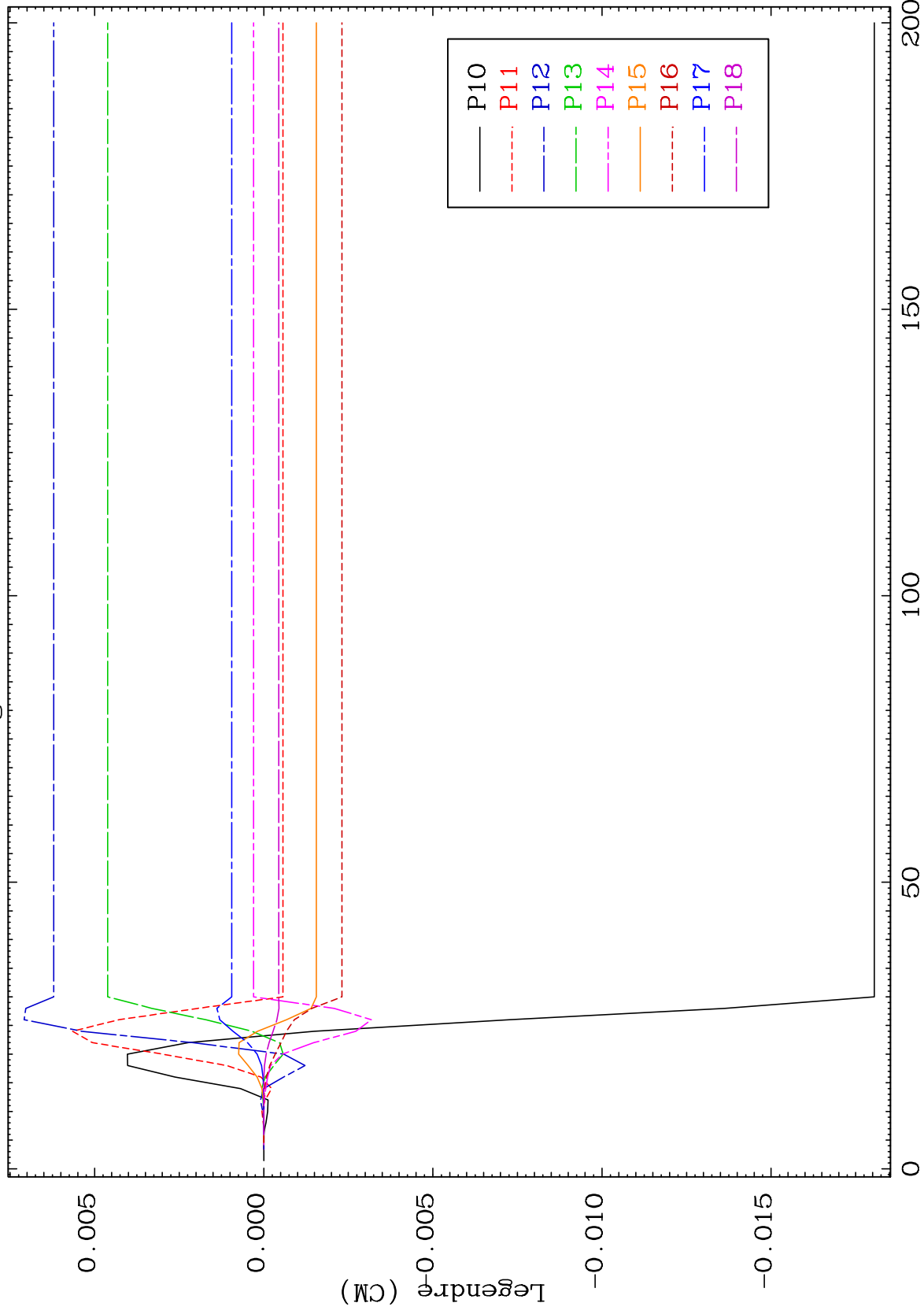
Incident Energy (MeV)

27

MAT 8713

829.6 keV (n,n') Level
Legendre Coefficients

87-Fr-208



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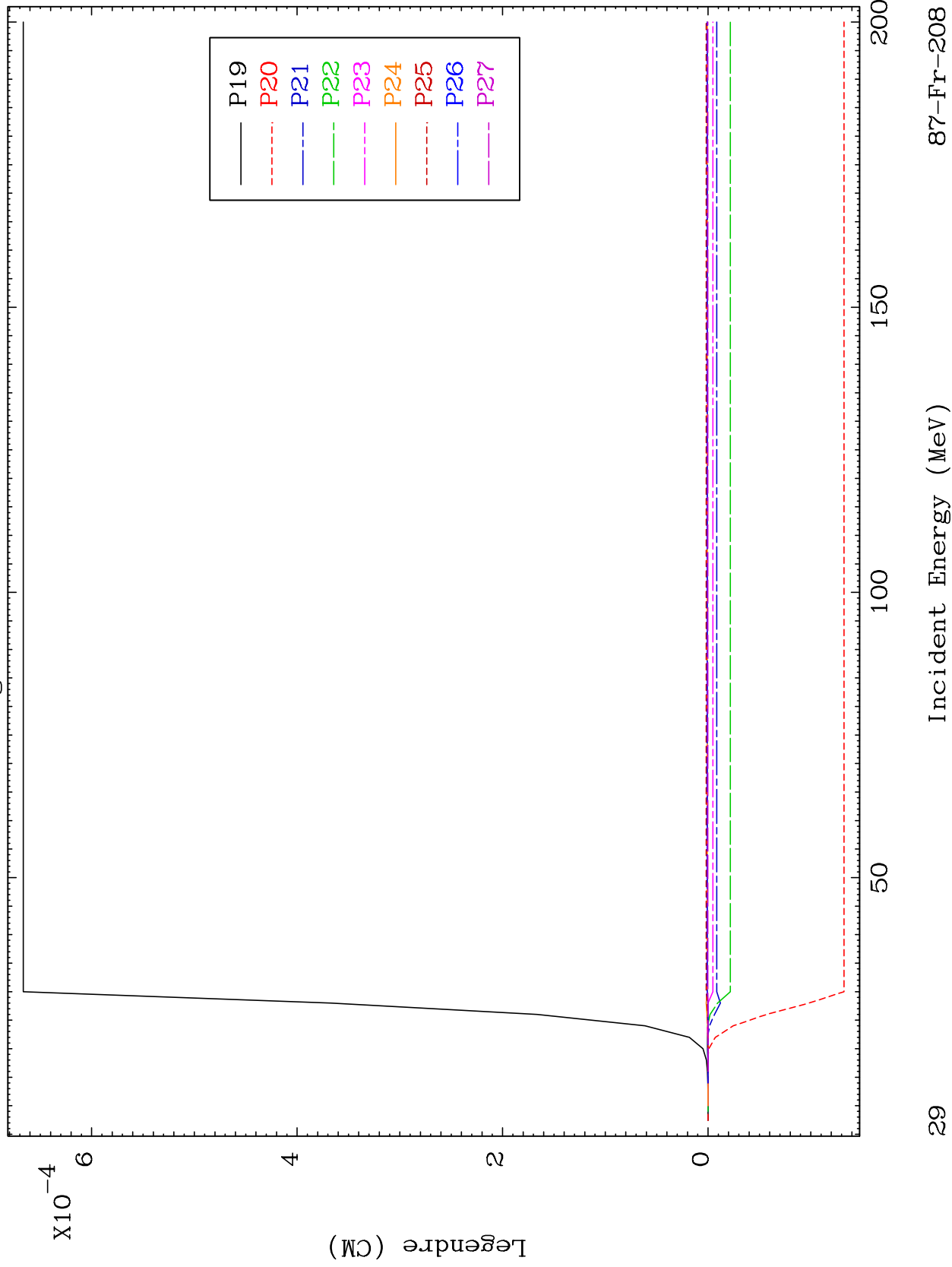
Incident Energy (MeV)

87-Fr-208

MAT 8713

829.6 keV (n,n') Level
Legendre Coefficients

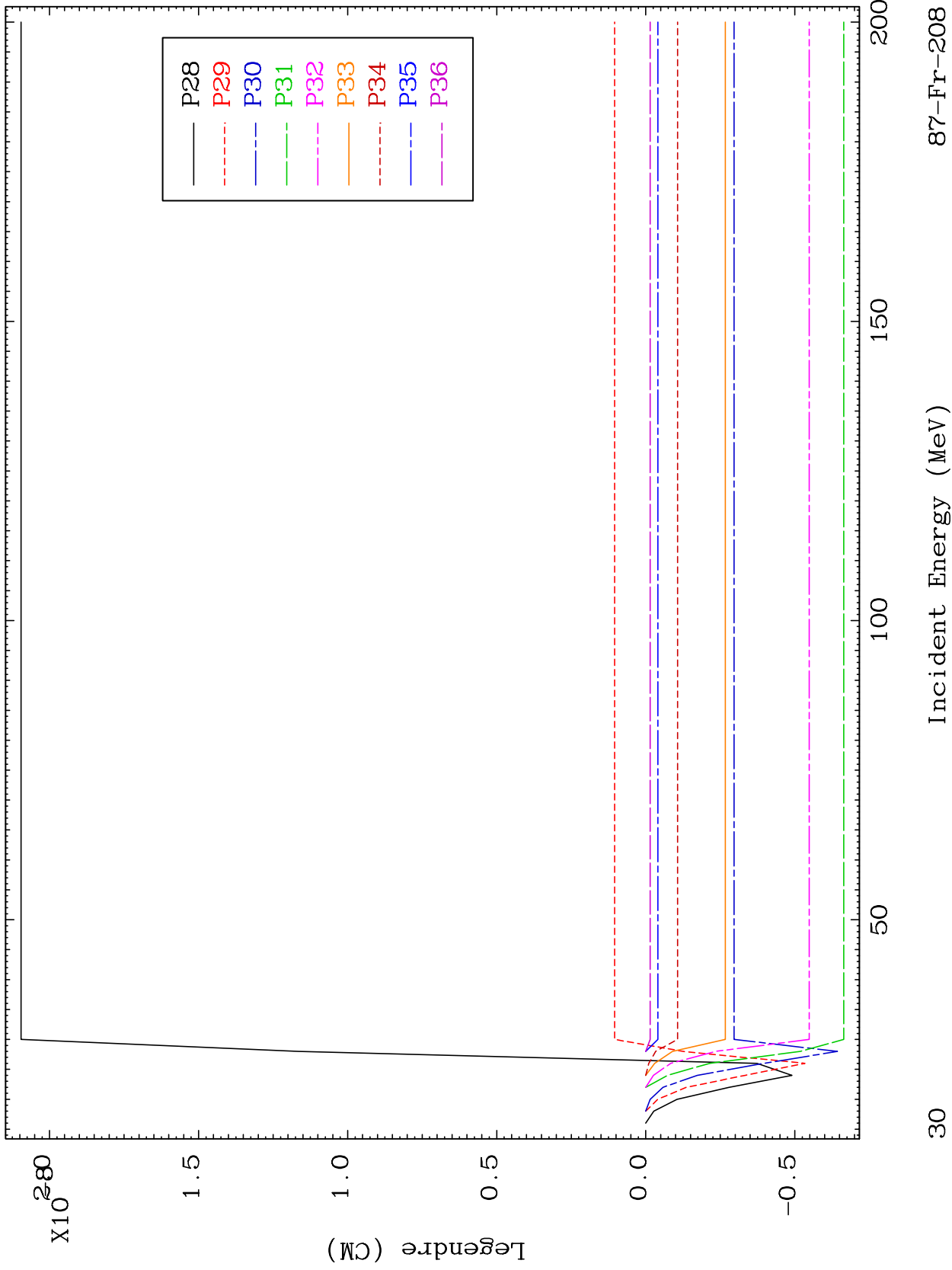
87-Fr-208



MAT 8713

829.6 keV (n,n') Level
Legendre Coefficients

87-Fr-208



30

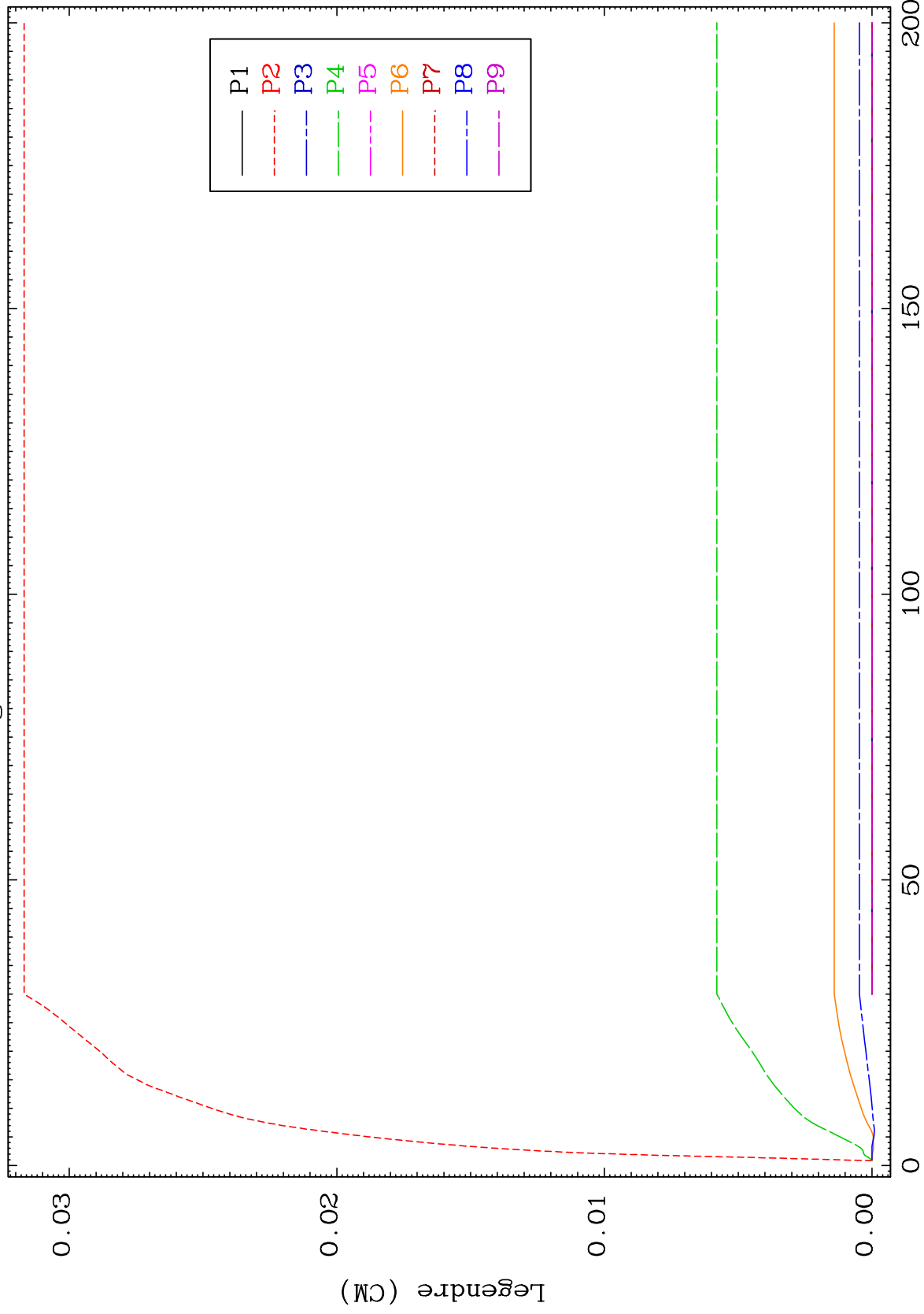
Incident Energy (MeV)

87-Fr-208

MAT 8713

831.7 keV (n,n') Level
Legendre Coefficients

87-Fr-208



31

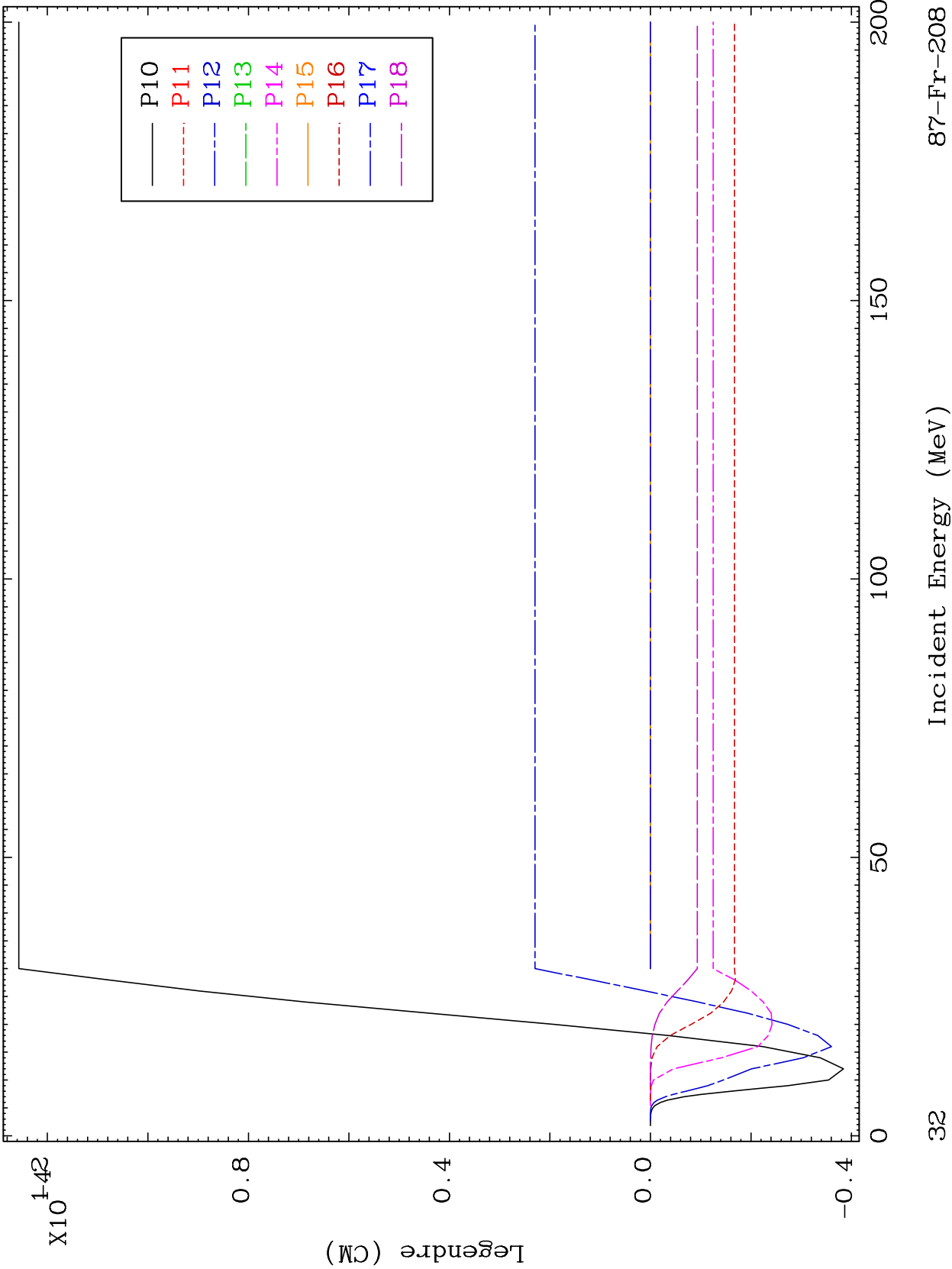
Incident Energy (MeV)

87-Fr-208

MAT 8713

831.7 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

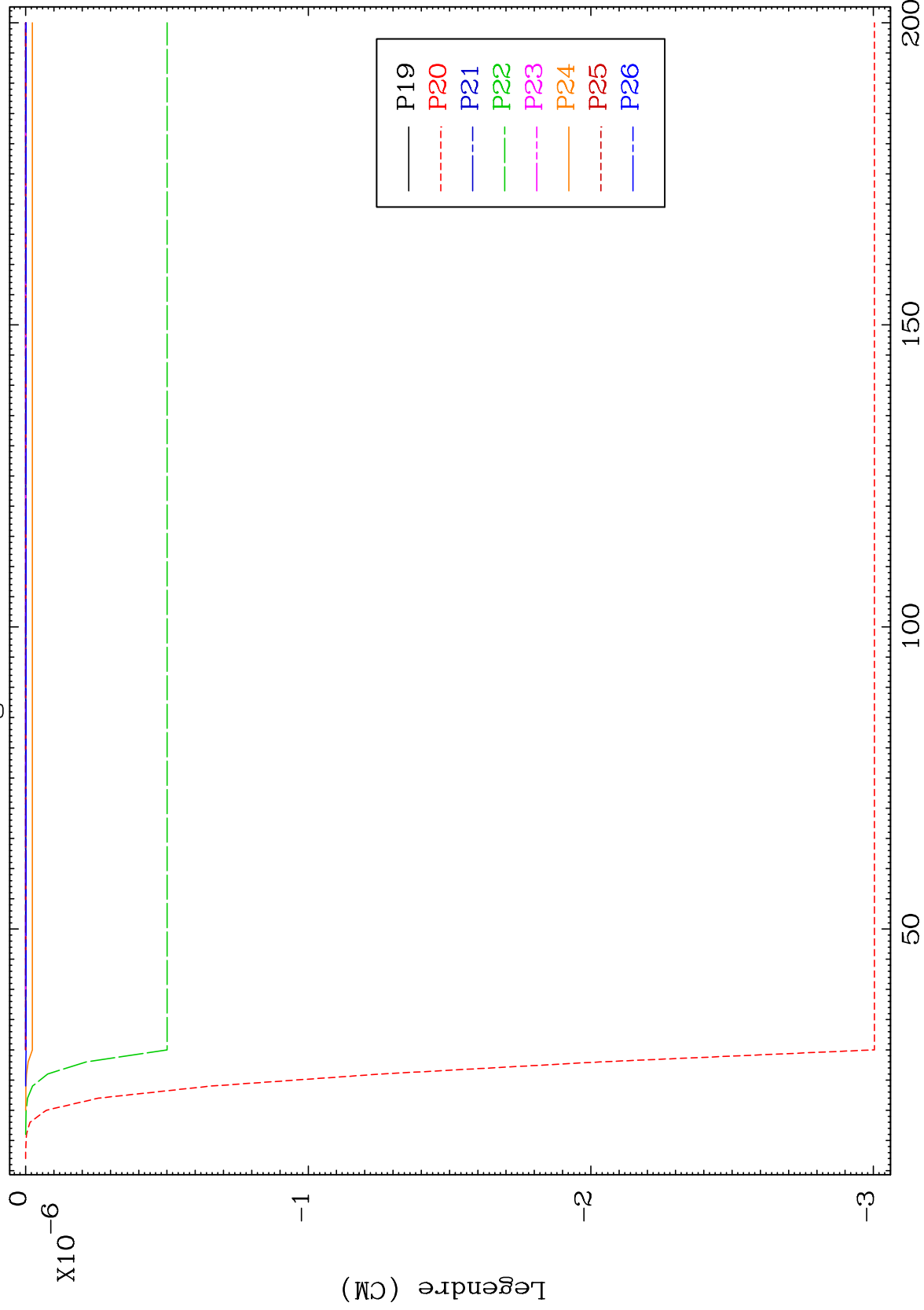
Incident Energy (MeV)

32

MAT 8713

831.7 keV (n,n') Level
Legendre Coefficients

87-Fr-208



33

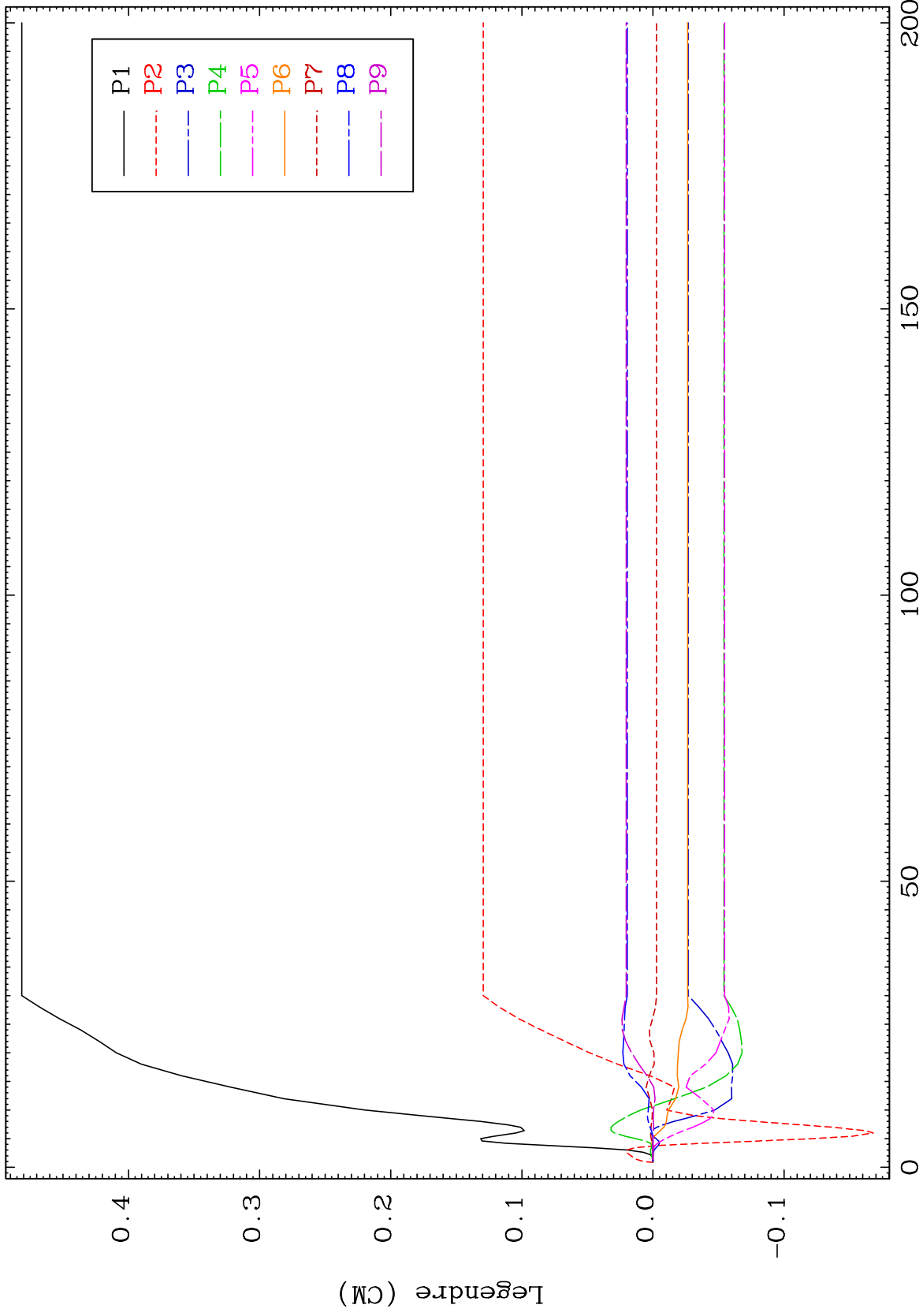
Incident Energy (MeV)

87-Fr-208

MAT 8713

832.8 keV (n,n') Level
Legendre Coefficients

87-Fr-208



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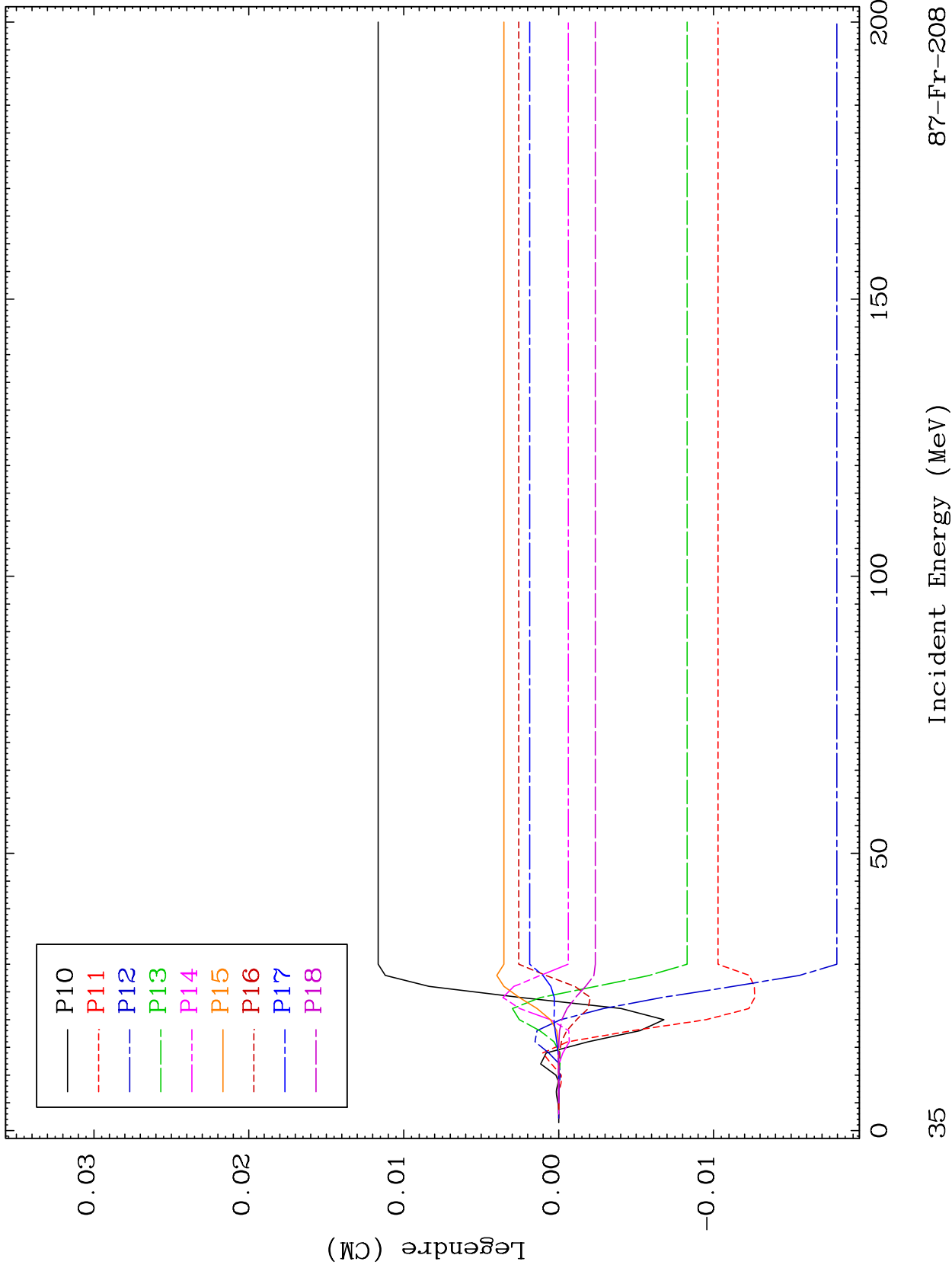
Incident Energy (MeV)

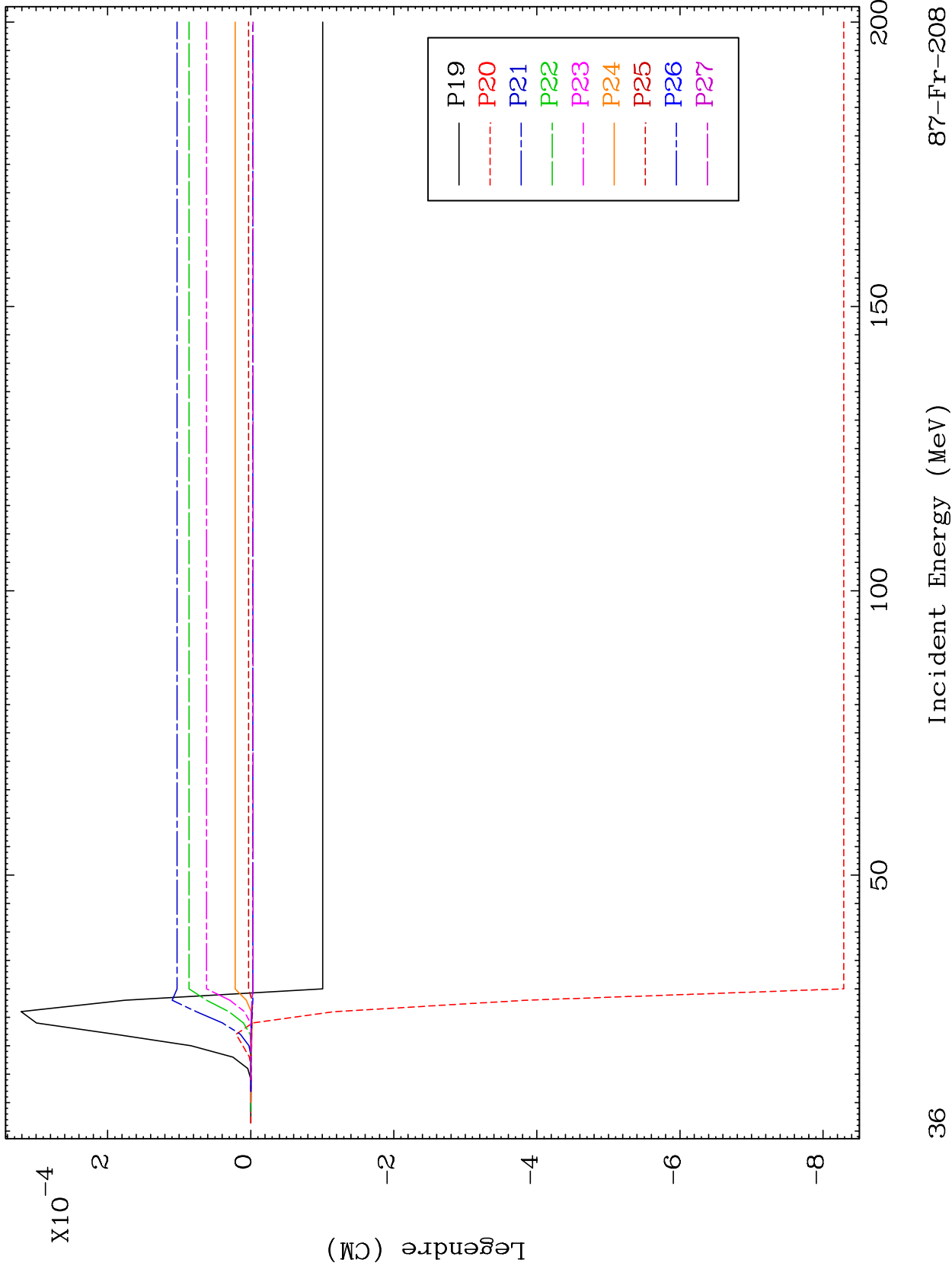
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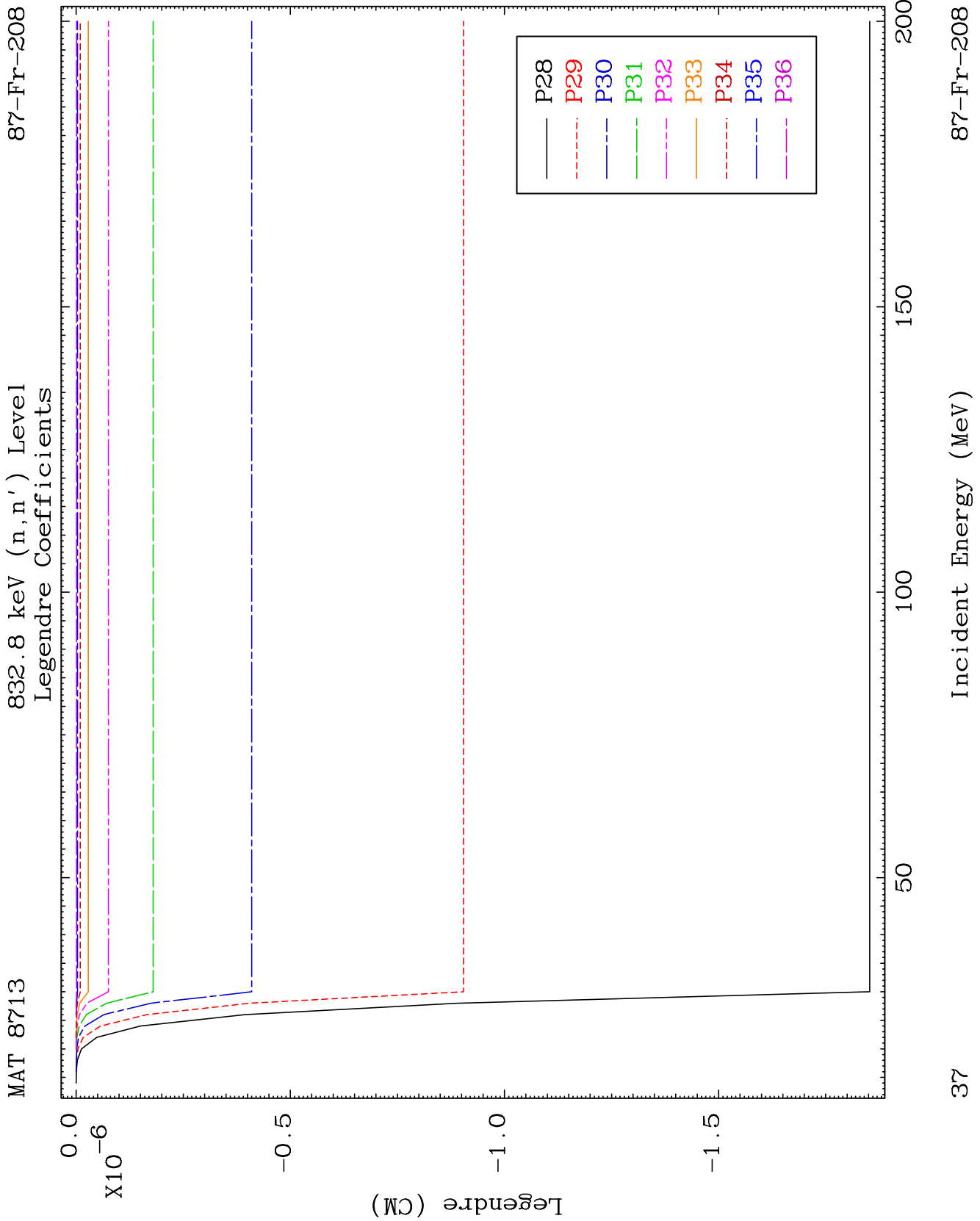
MAT 8713

832.8 keV (n,n') Level
Legendre Coefficients

87-Fr-208



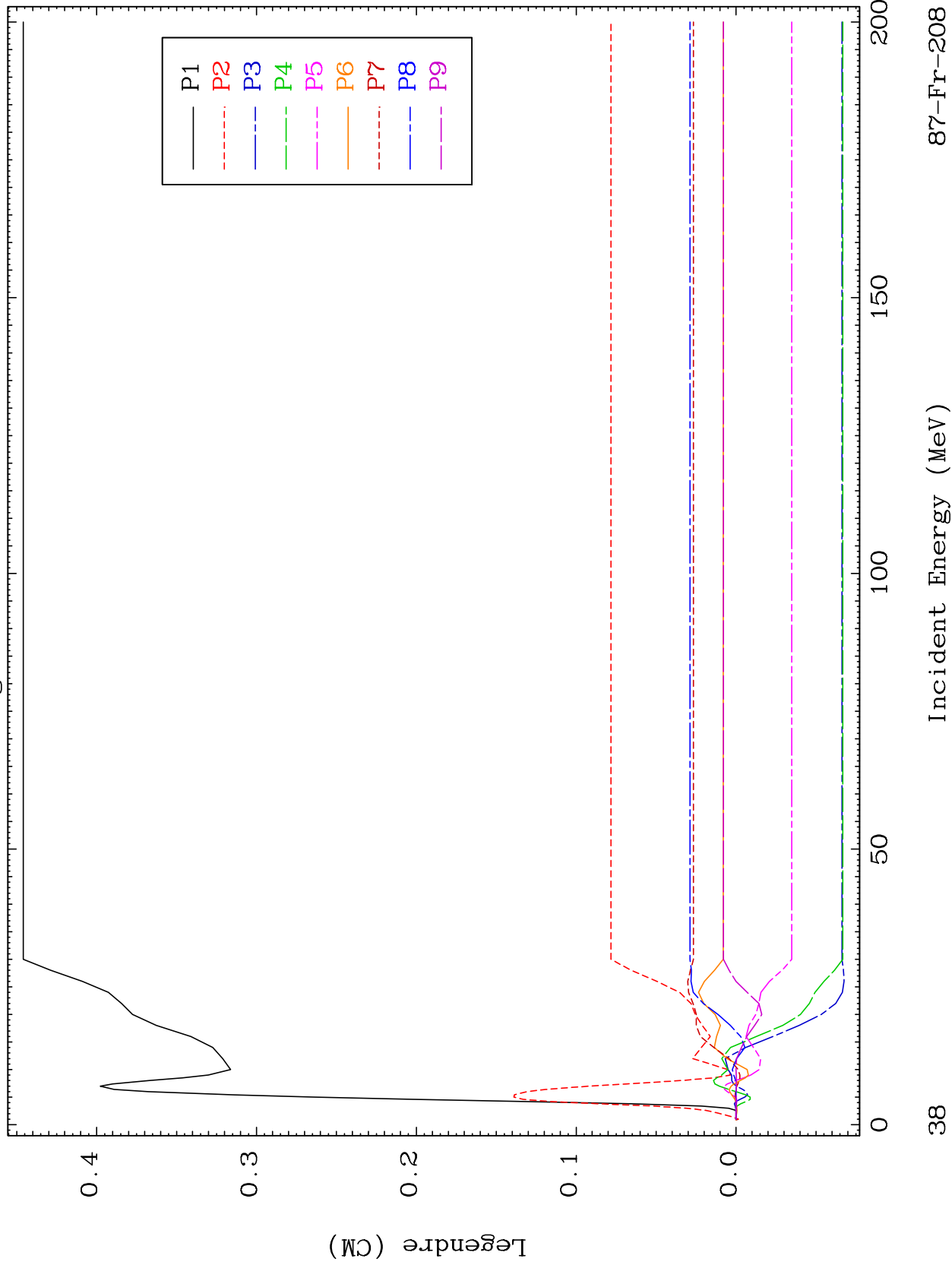




MAT 8713

834.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

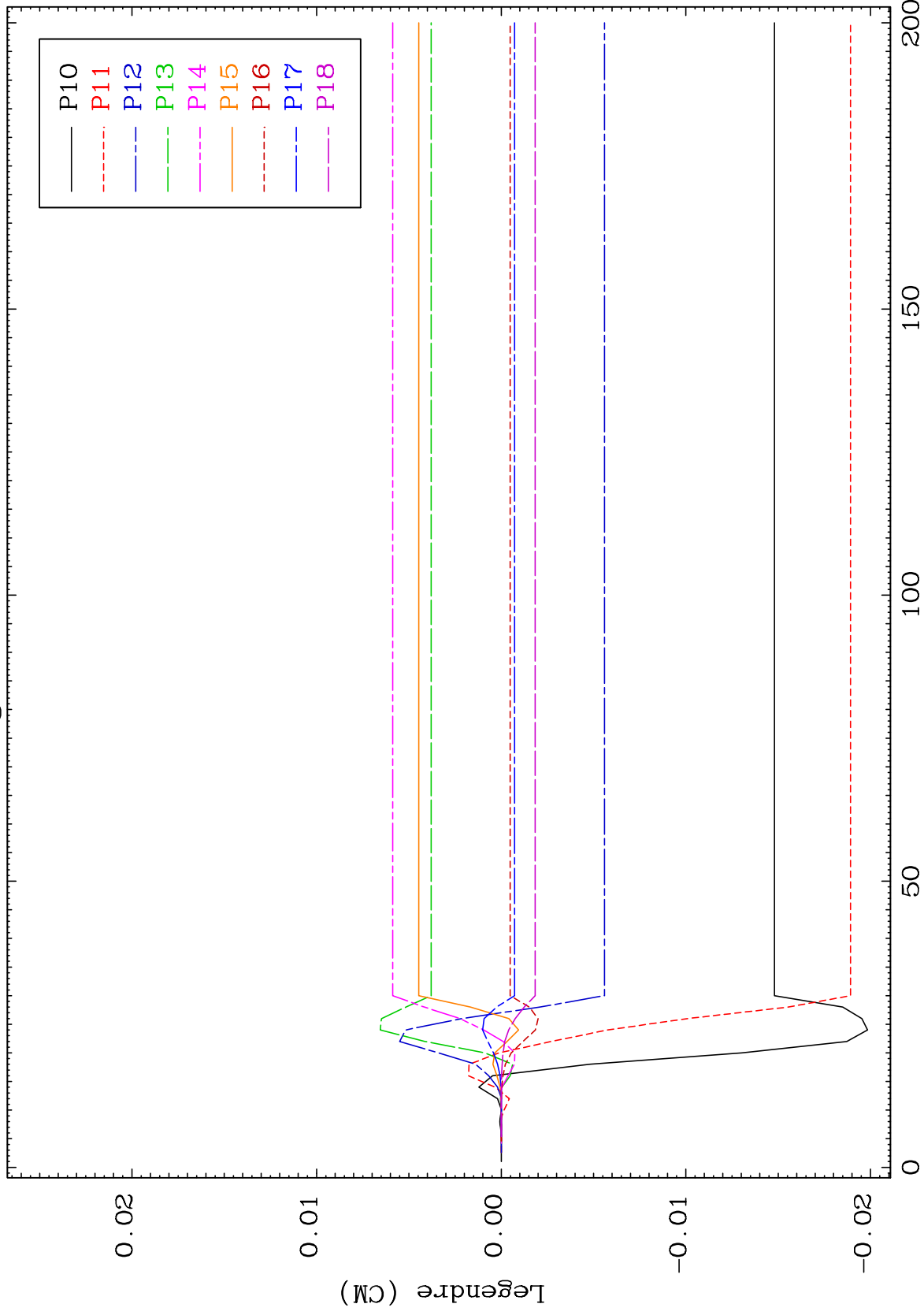
Incident Energy (MeV)

38

MAT 8713

834.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



39

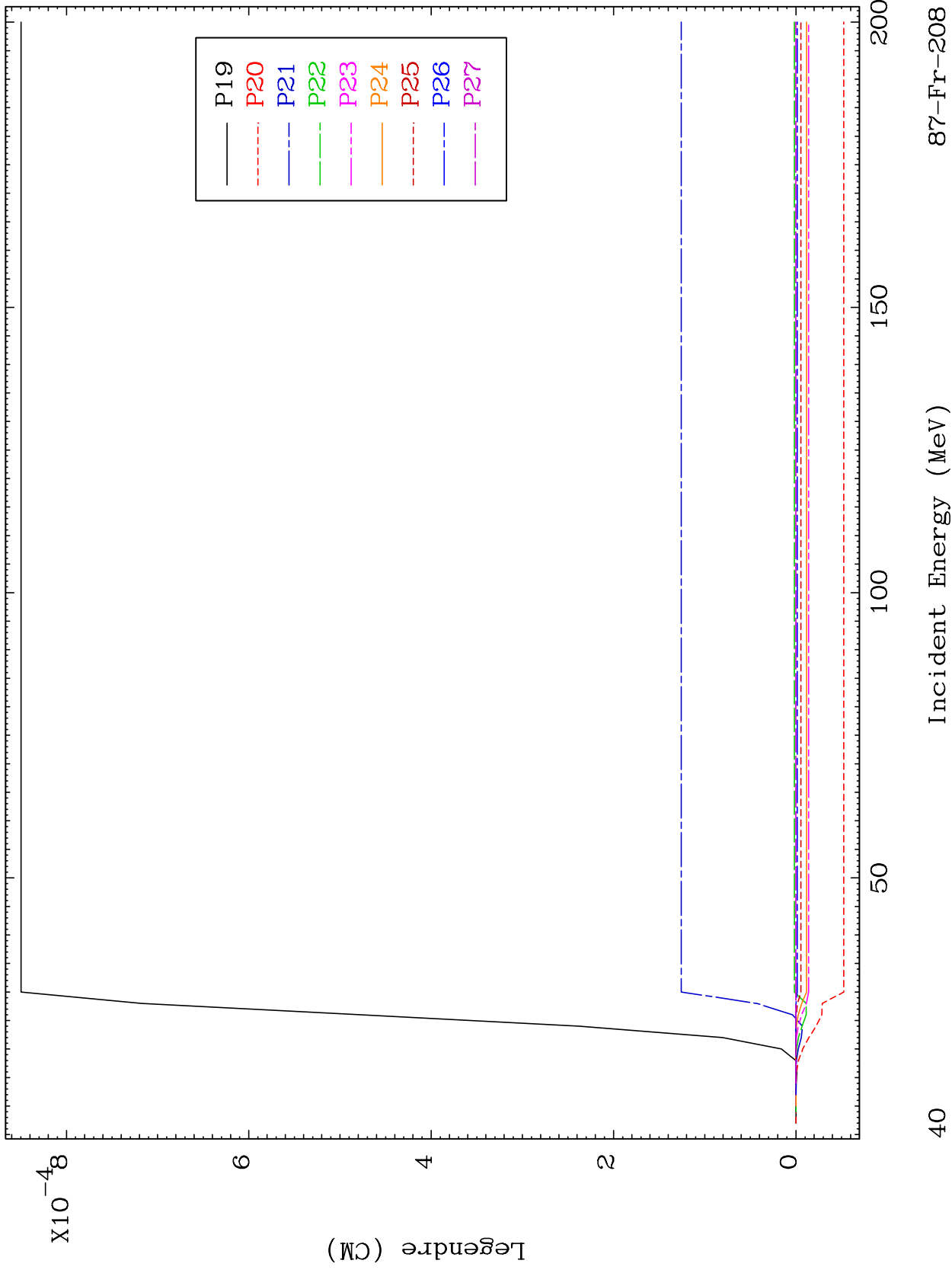
Incident Energy (MeV)

87-Fr-208

MAT 8713

834.0 keV (n,n') Level
Legendre Coefficients

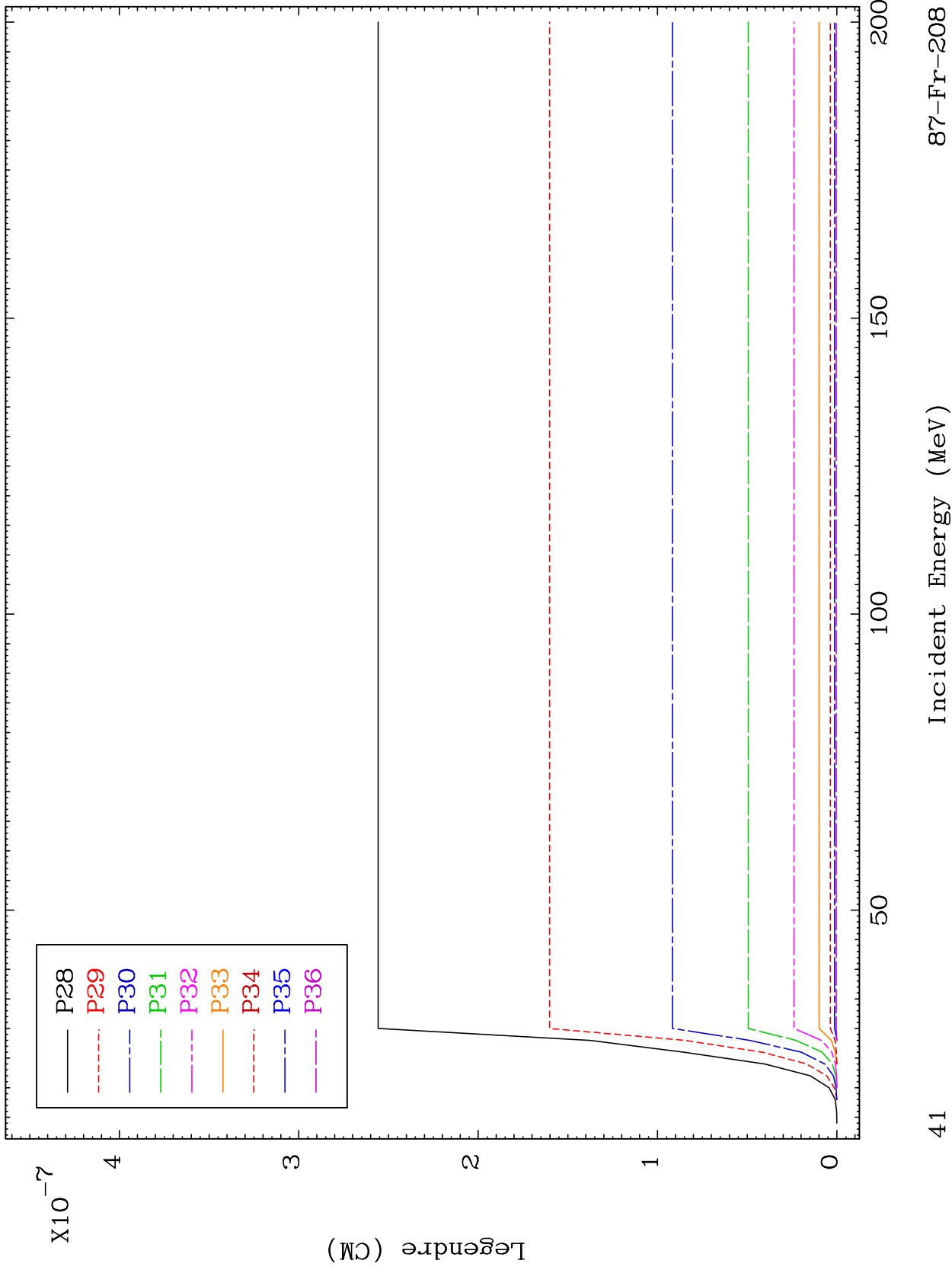
87-Fr-208



MAT 8713

834.0 keV (n,n') Level
Legendre Coefficients

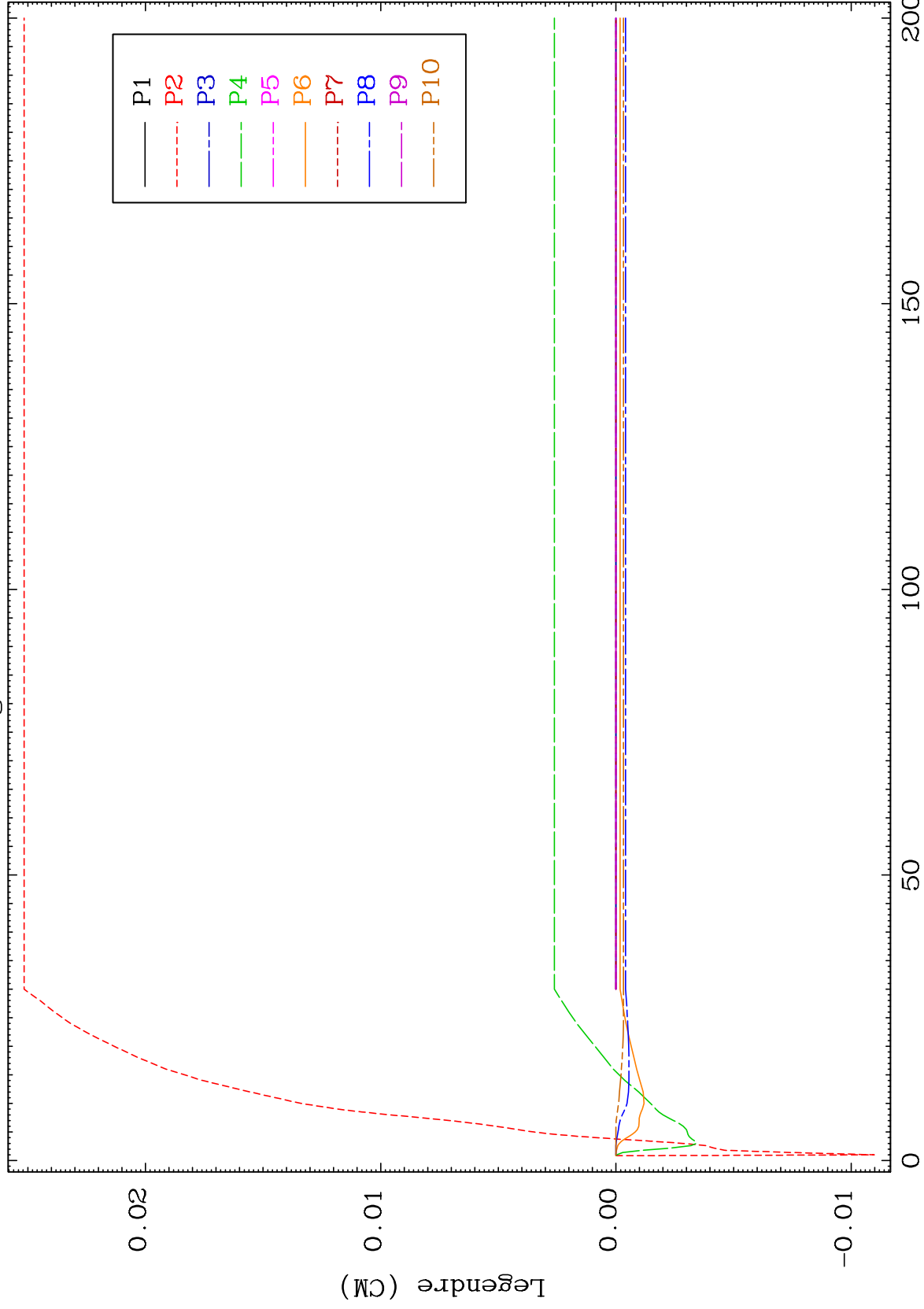
87-Fr-208



MAT 8713

835.8 keV (n,n') Level
Legendre Coefficients

87-Fr-208



42

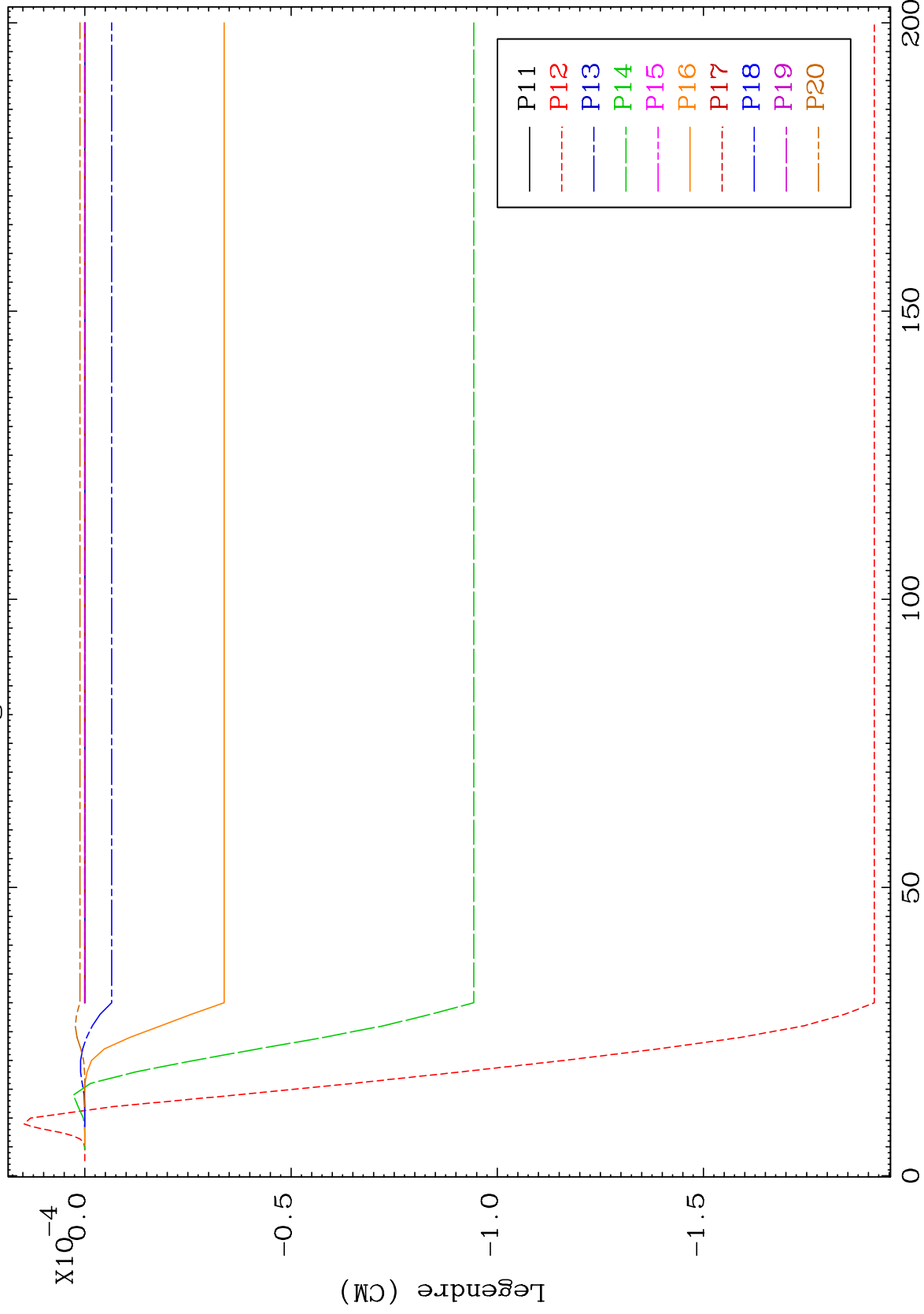
Incident Energy (MeV)

87-Fr-208

MAT 8713

835.8 keV (n,n') Level
Legendre Coefficients

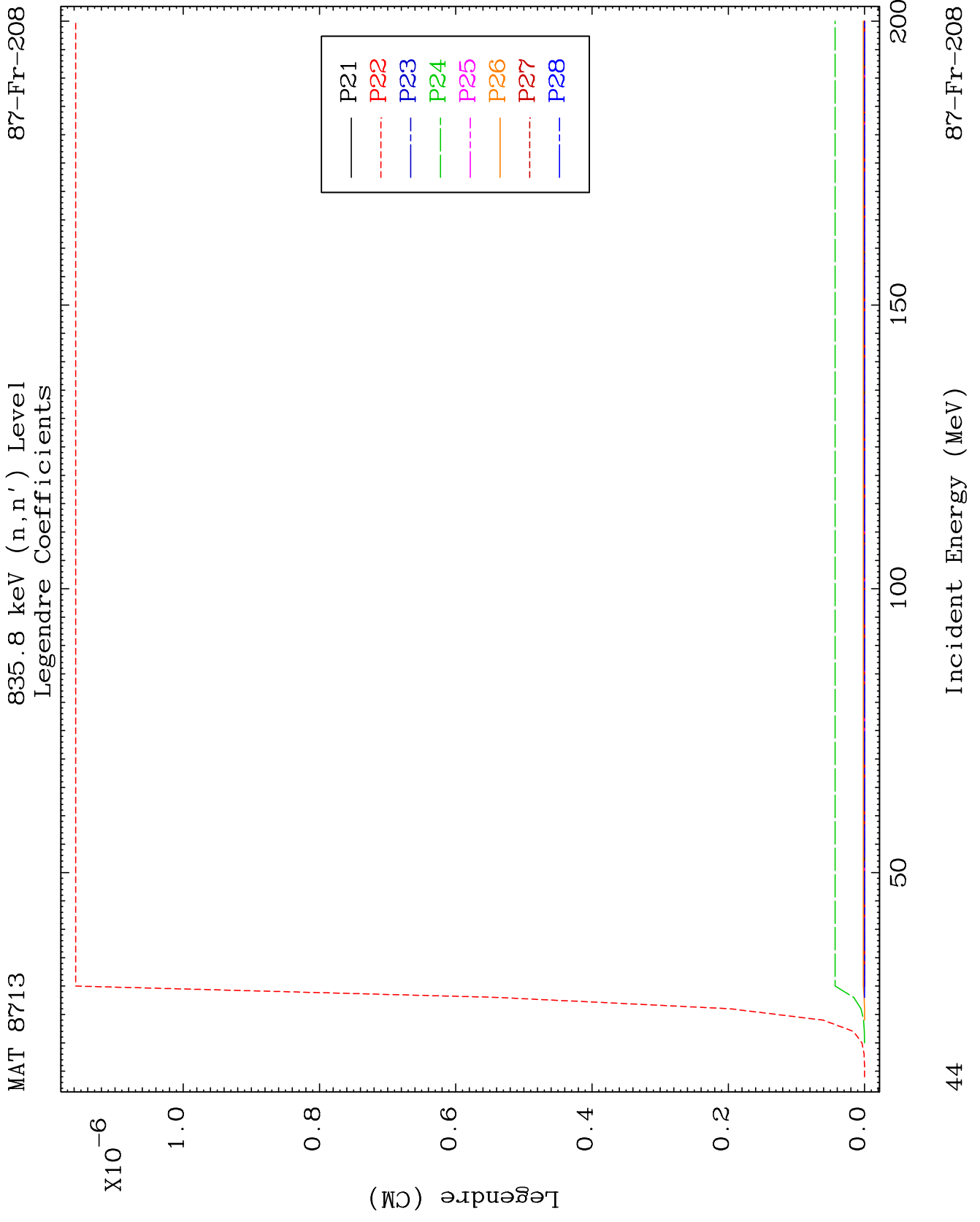
87-Fr-208



43

Incident Energy (MeV)

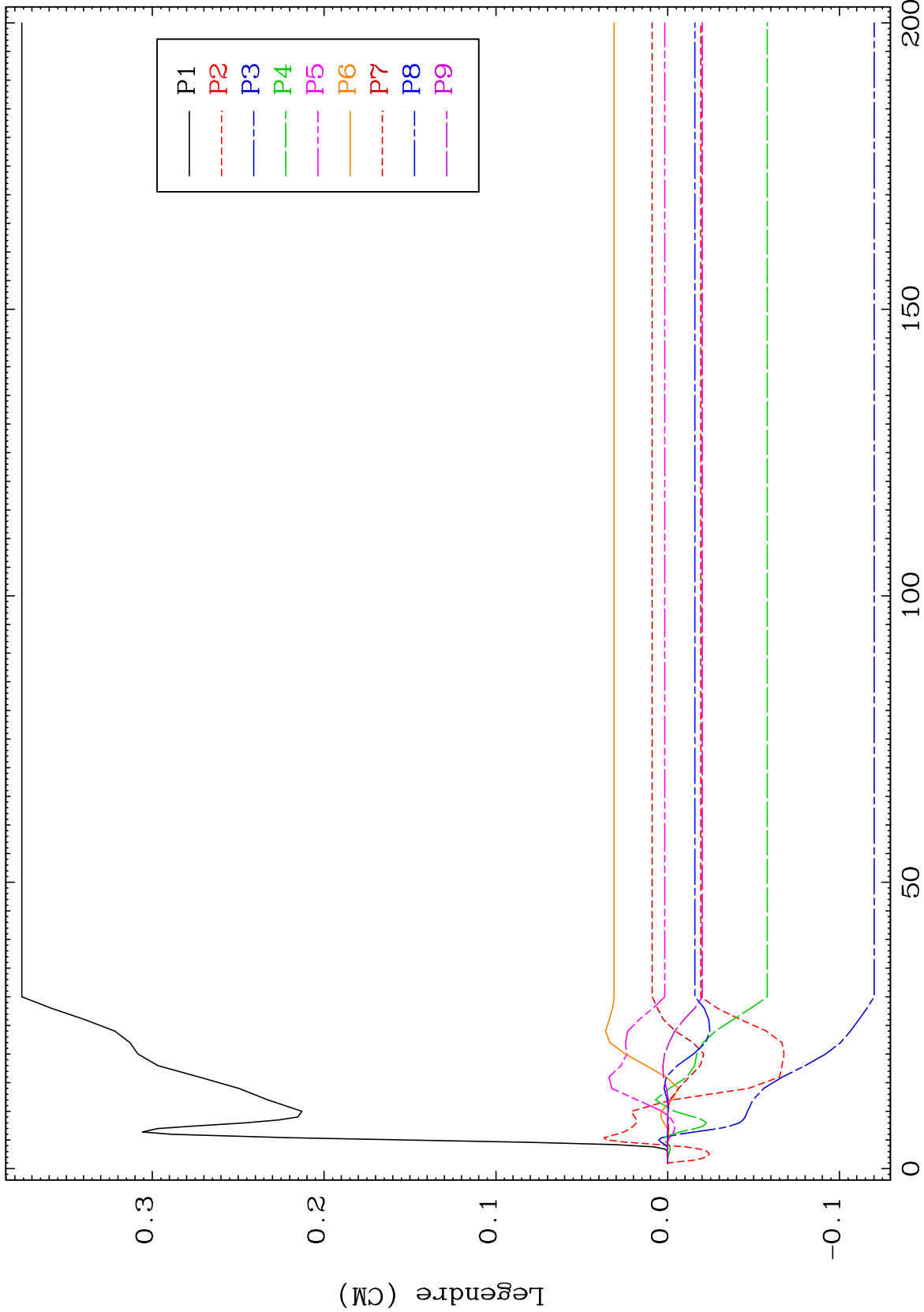
87-Fr-208



MAT 8713

838.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

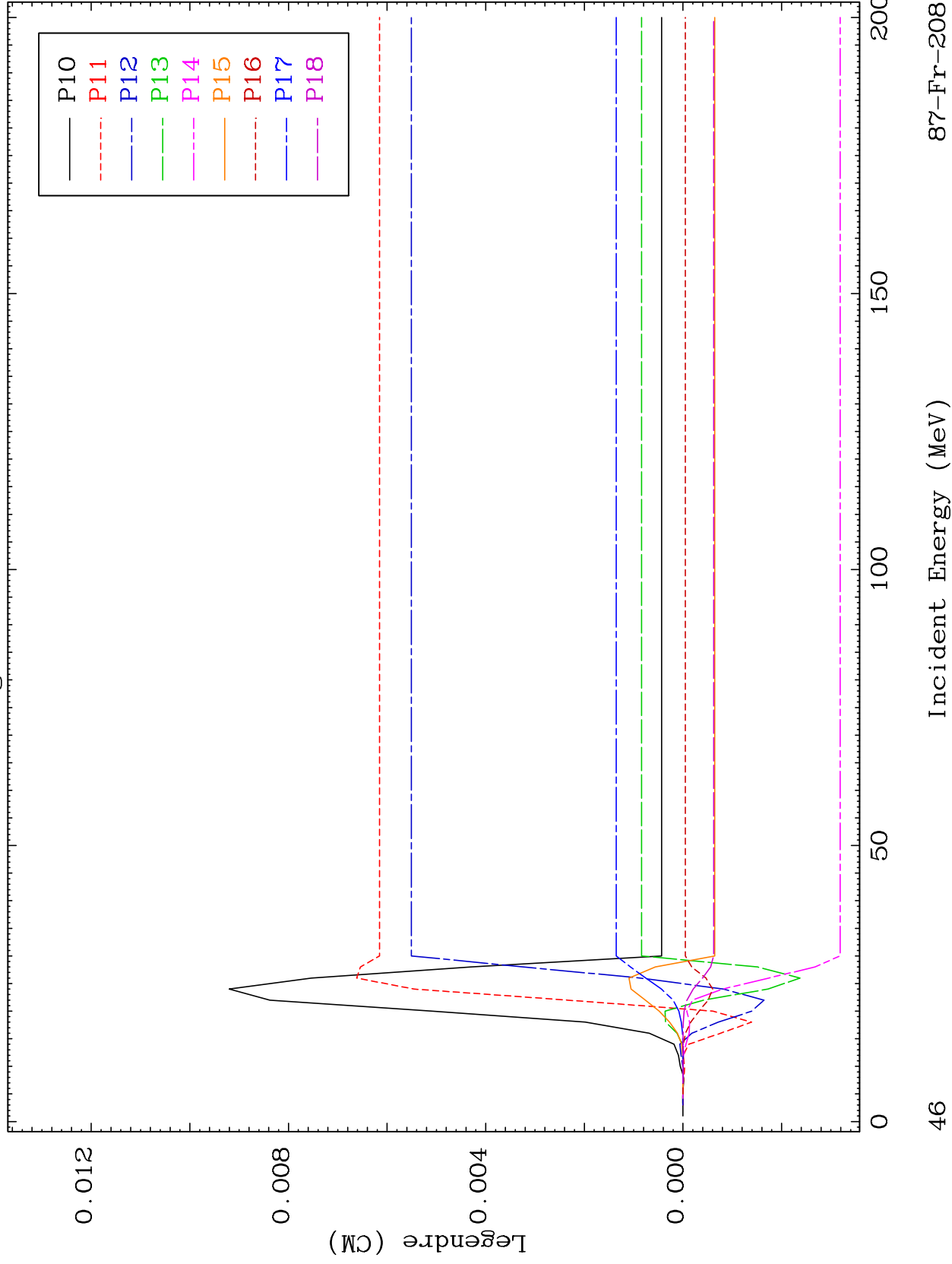
Incident Energy (MeV)

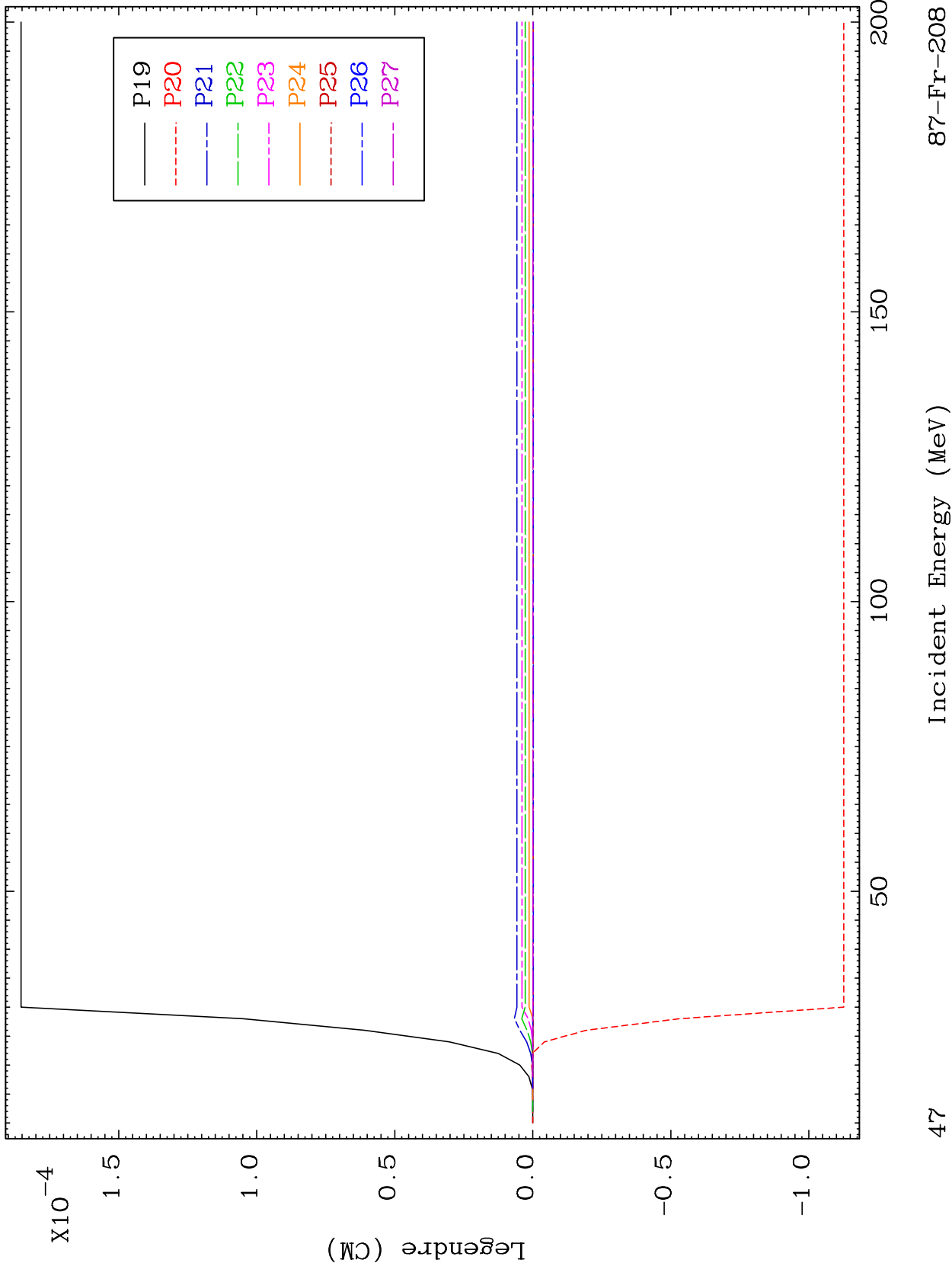
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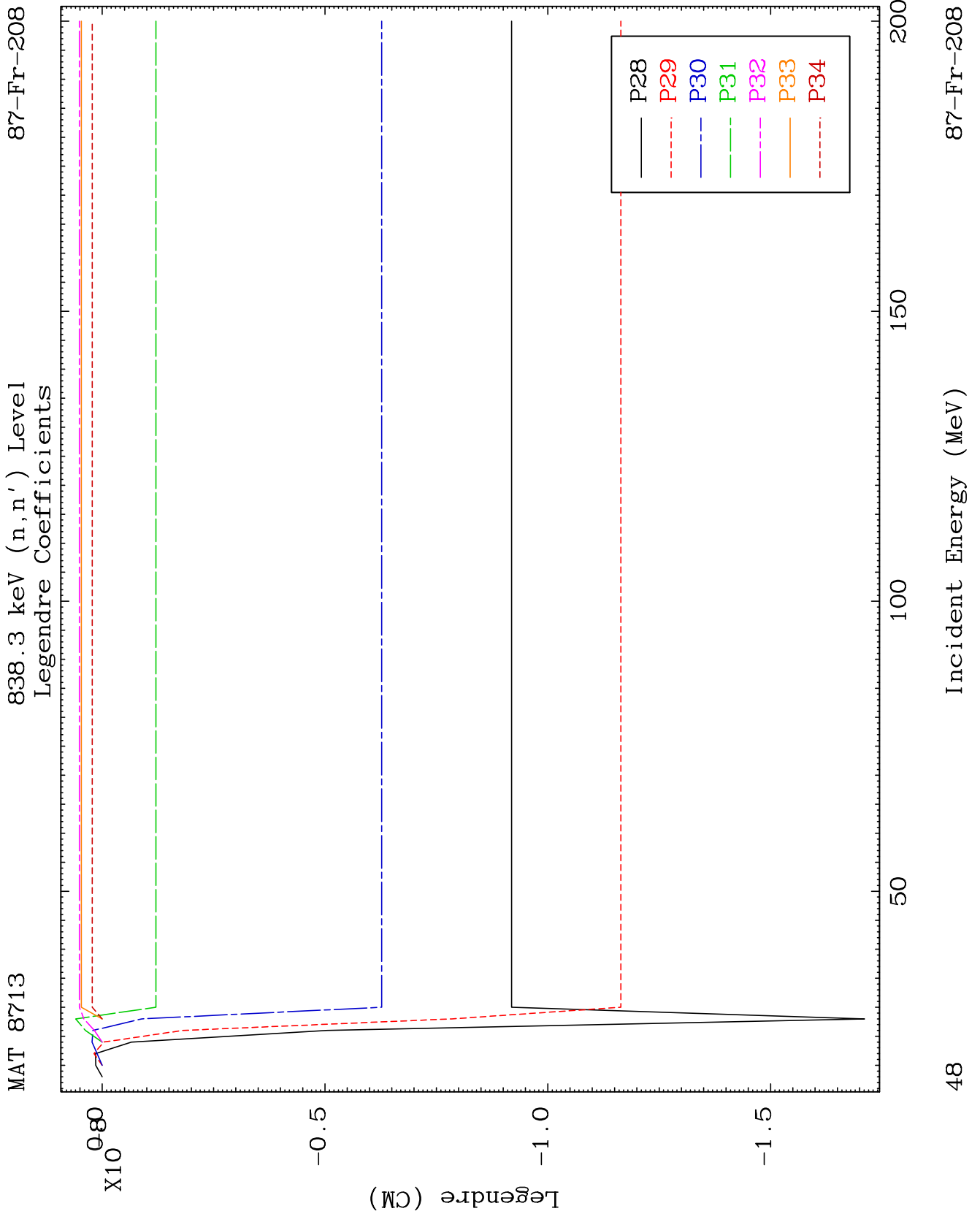
MAT 8713

838.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



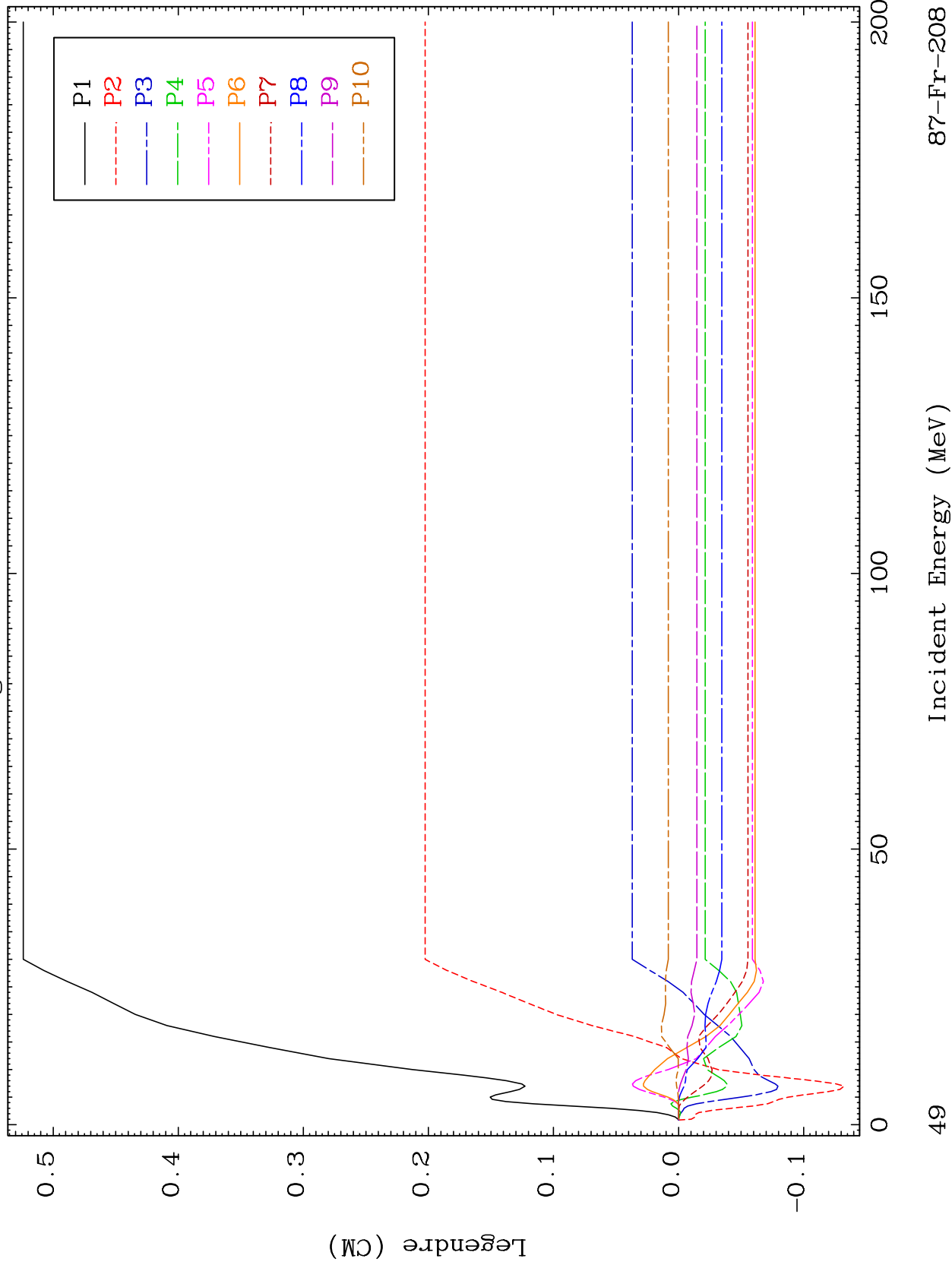




MAT 8713

839.8 keV (n,n') Level
Legendre Coefficients

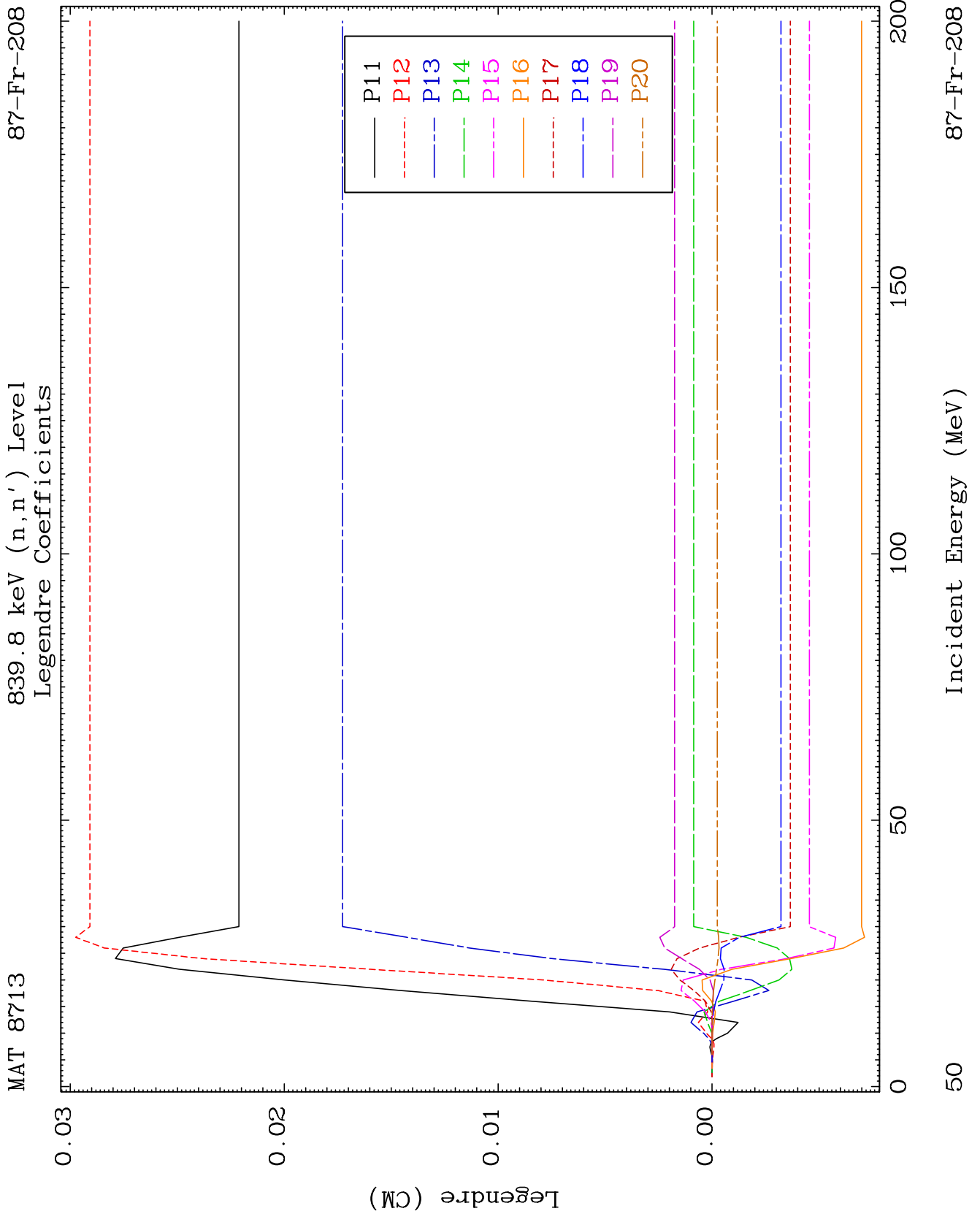
87-Fr-208



87-Fr-208

Incident Energy (MeV)

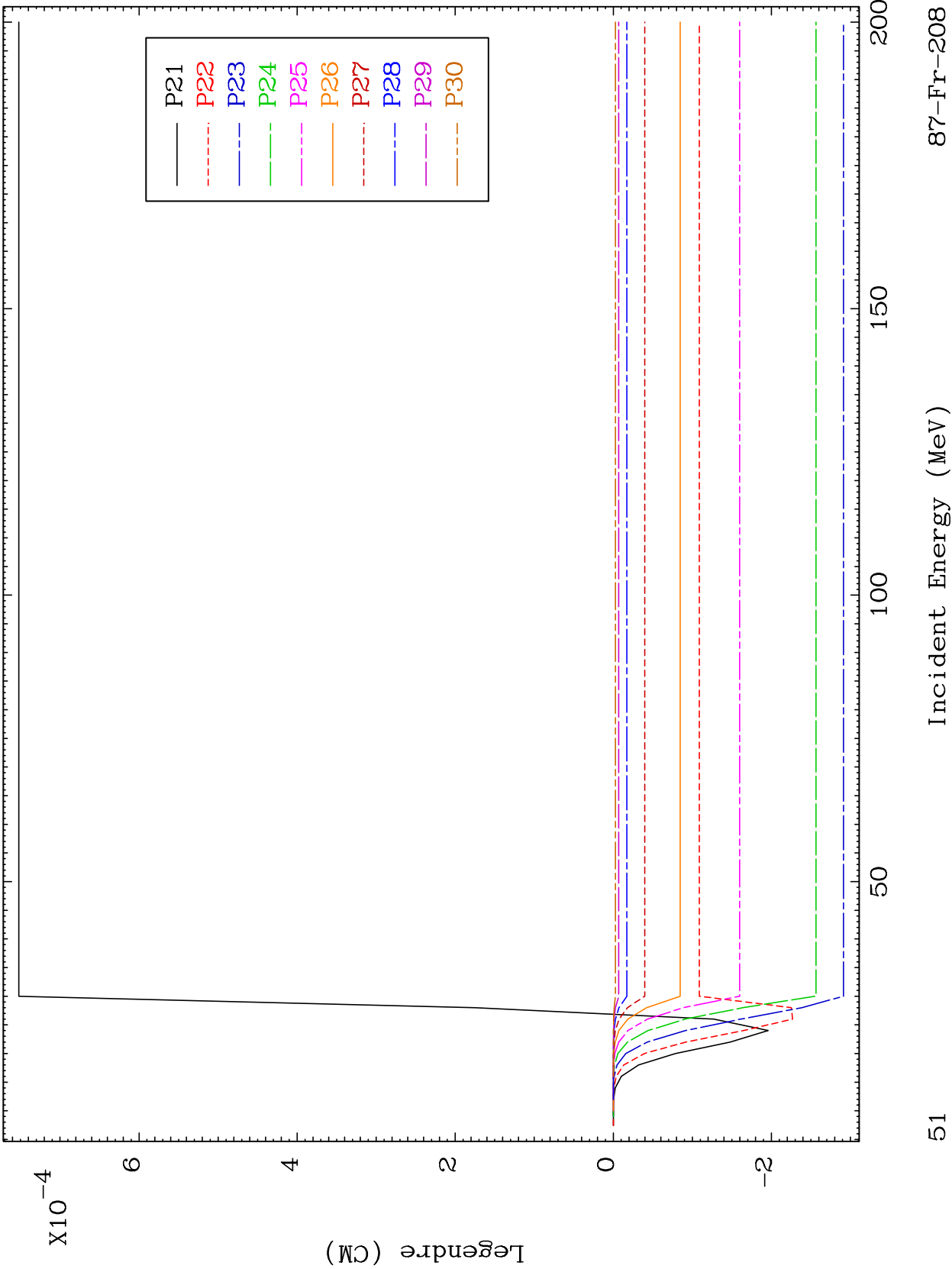
49



MAT 8713

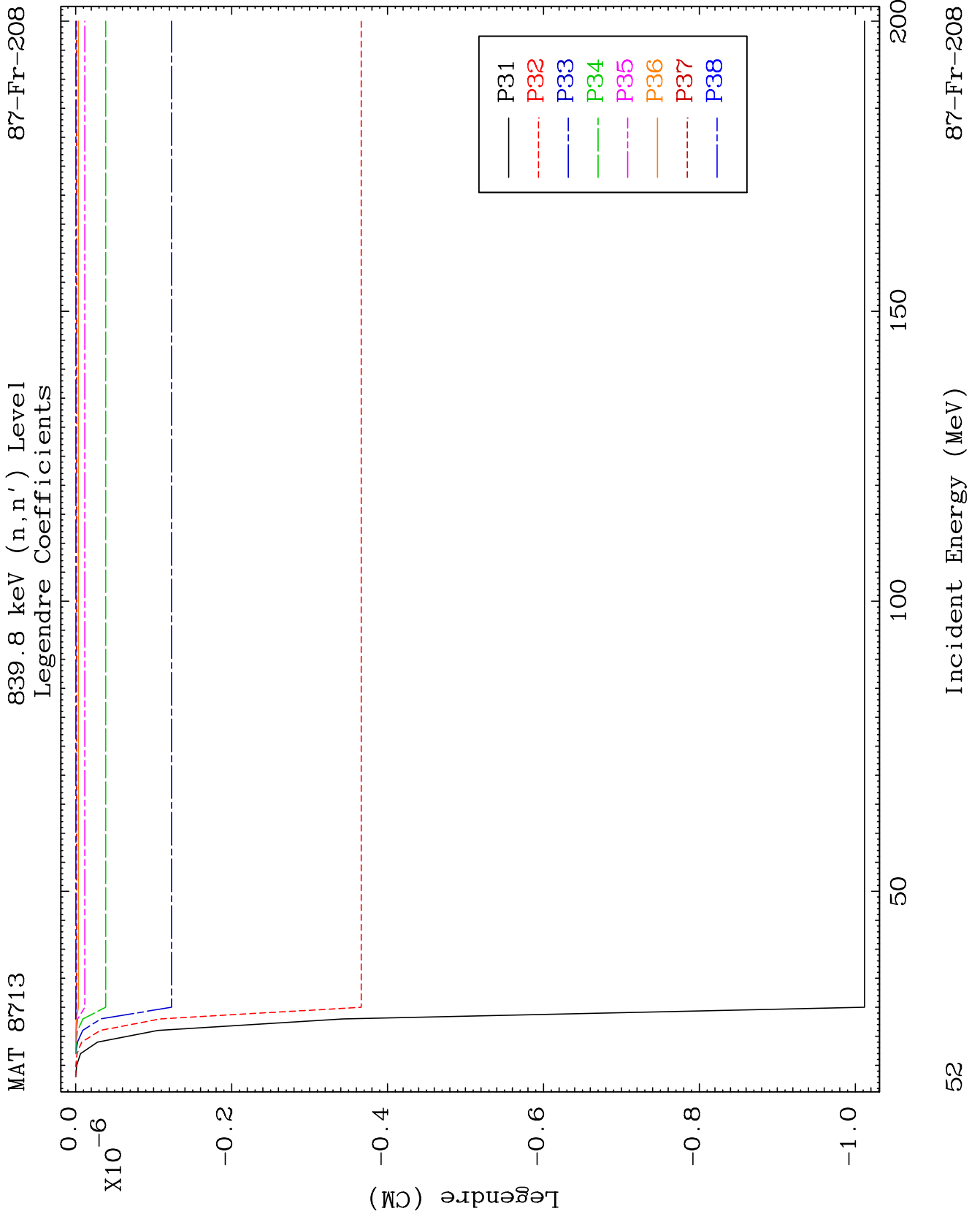
839.8 keV (n, n') Level
Legendre Coefficients

87-Fr-208



51

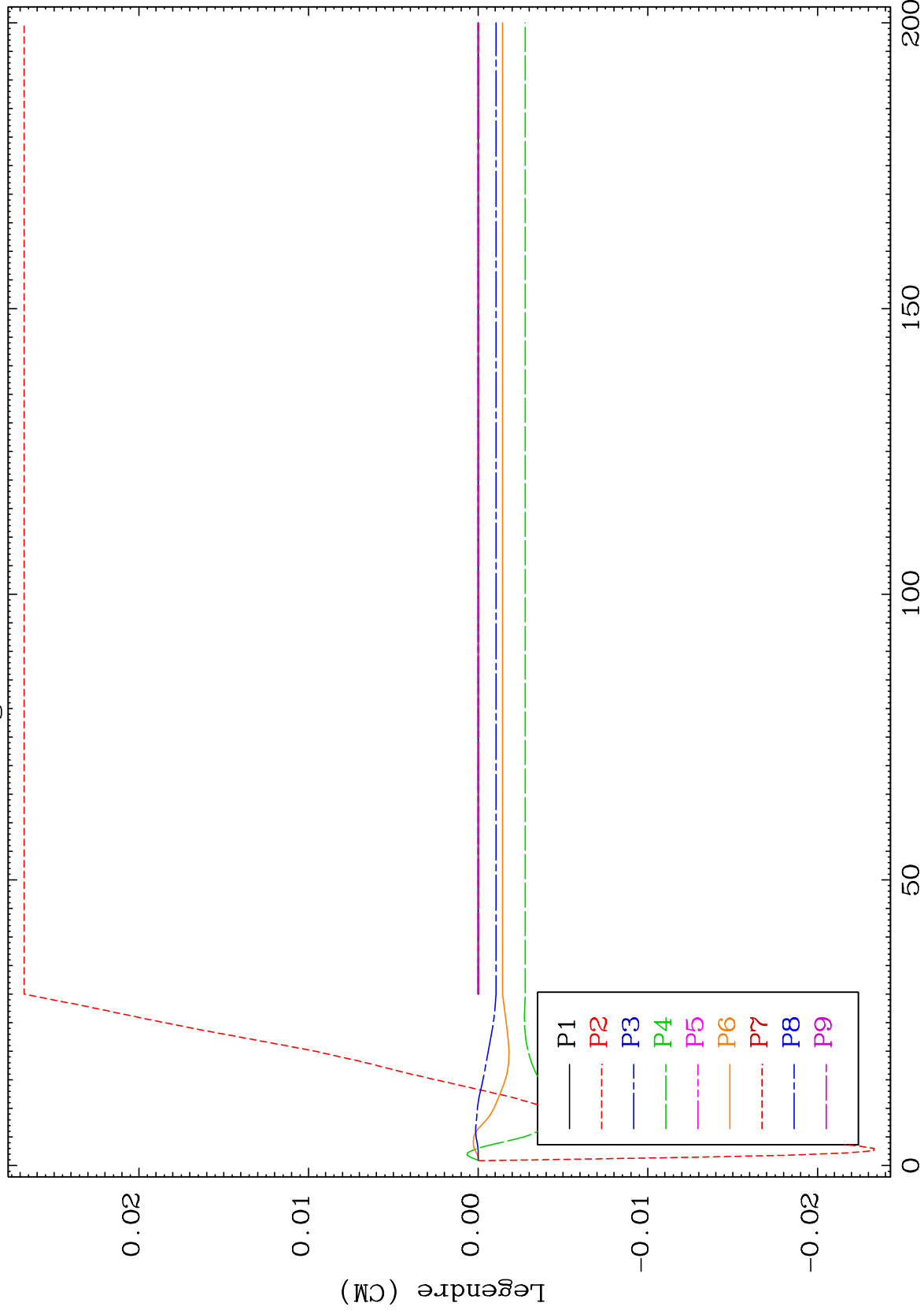
87-Fr-208



MAT 8713

841.9 keV (n,n') Level
Legendre Coefficients

87-Fr-208



53

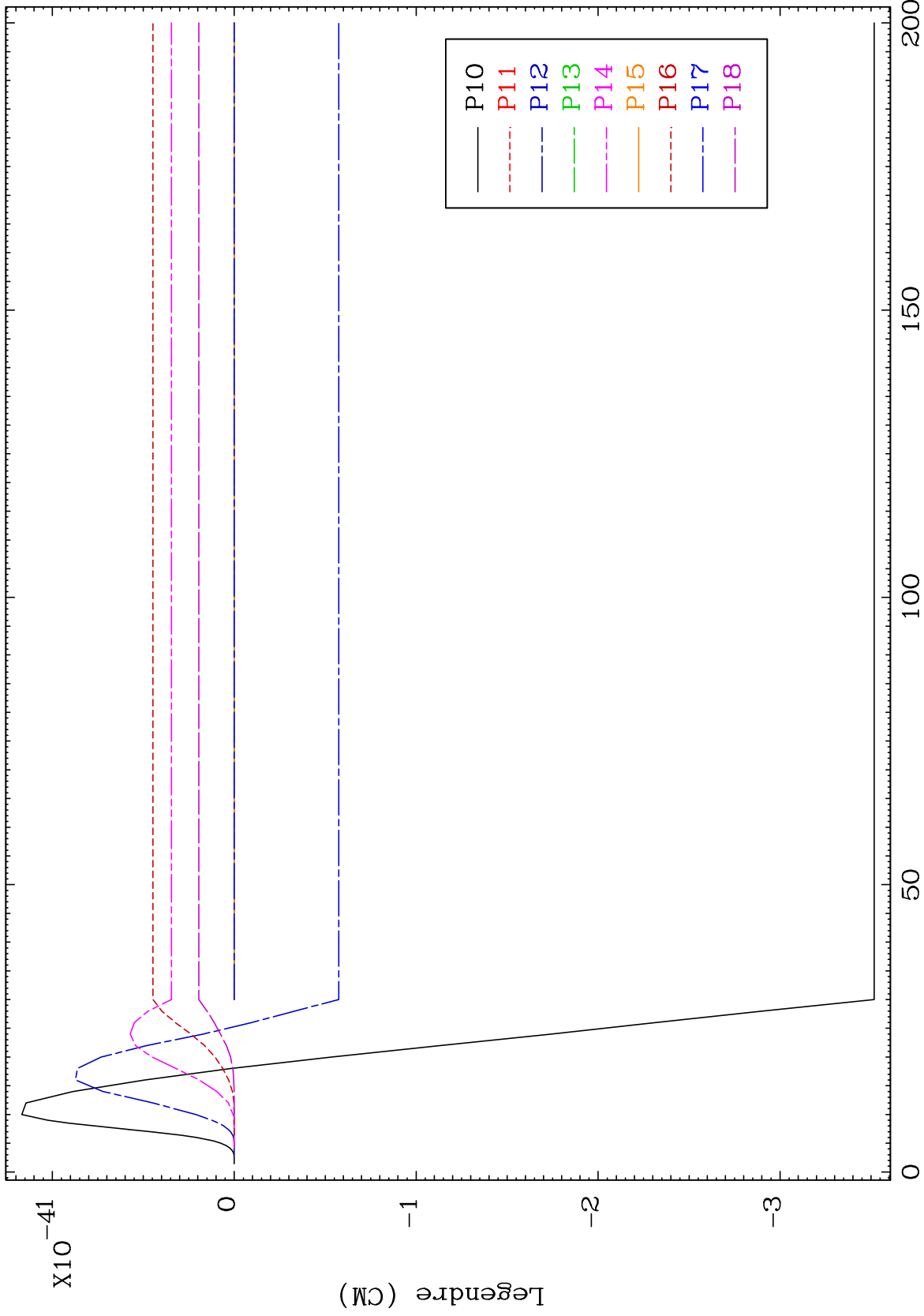
Incident Energy (MeV)

87-Fr-208

MAT 8713

841.9 keV (n,n') Level
Legendre Coefficients

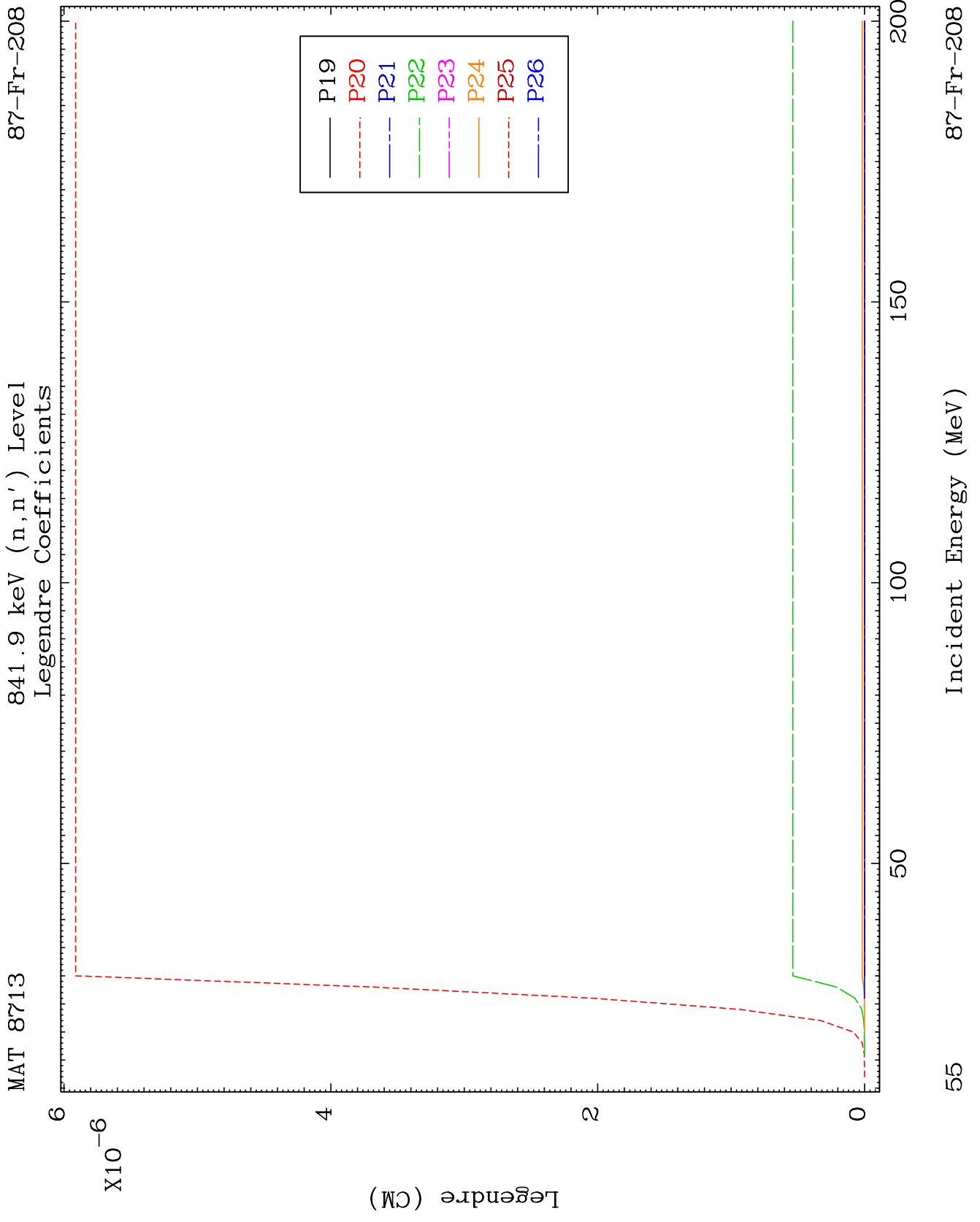
87-Fr-208

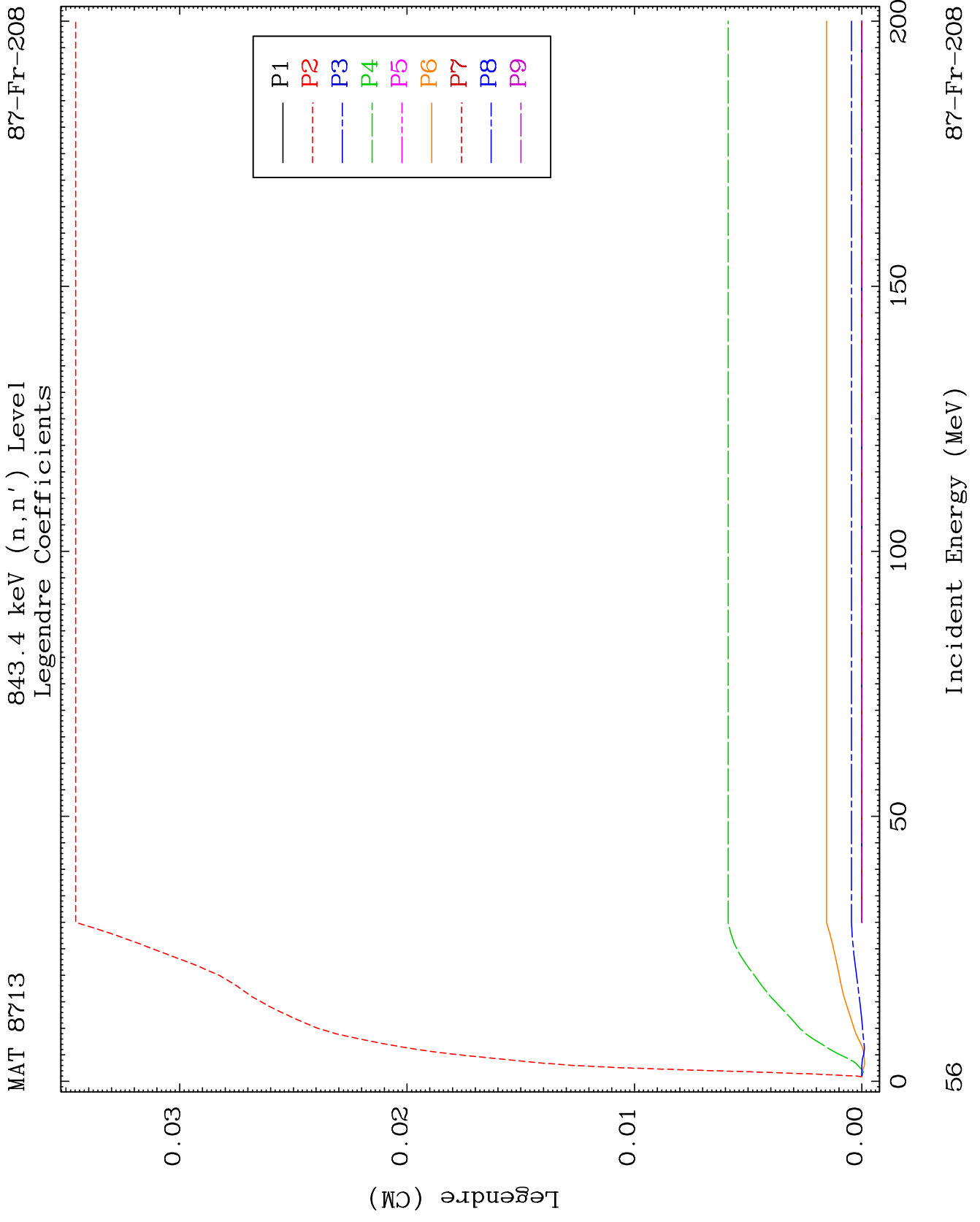


54

Incident Energy (MeV)

87-Fr-208

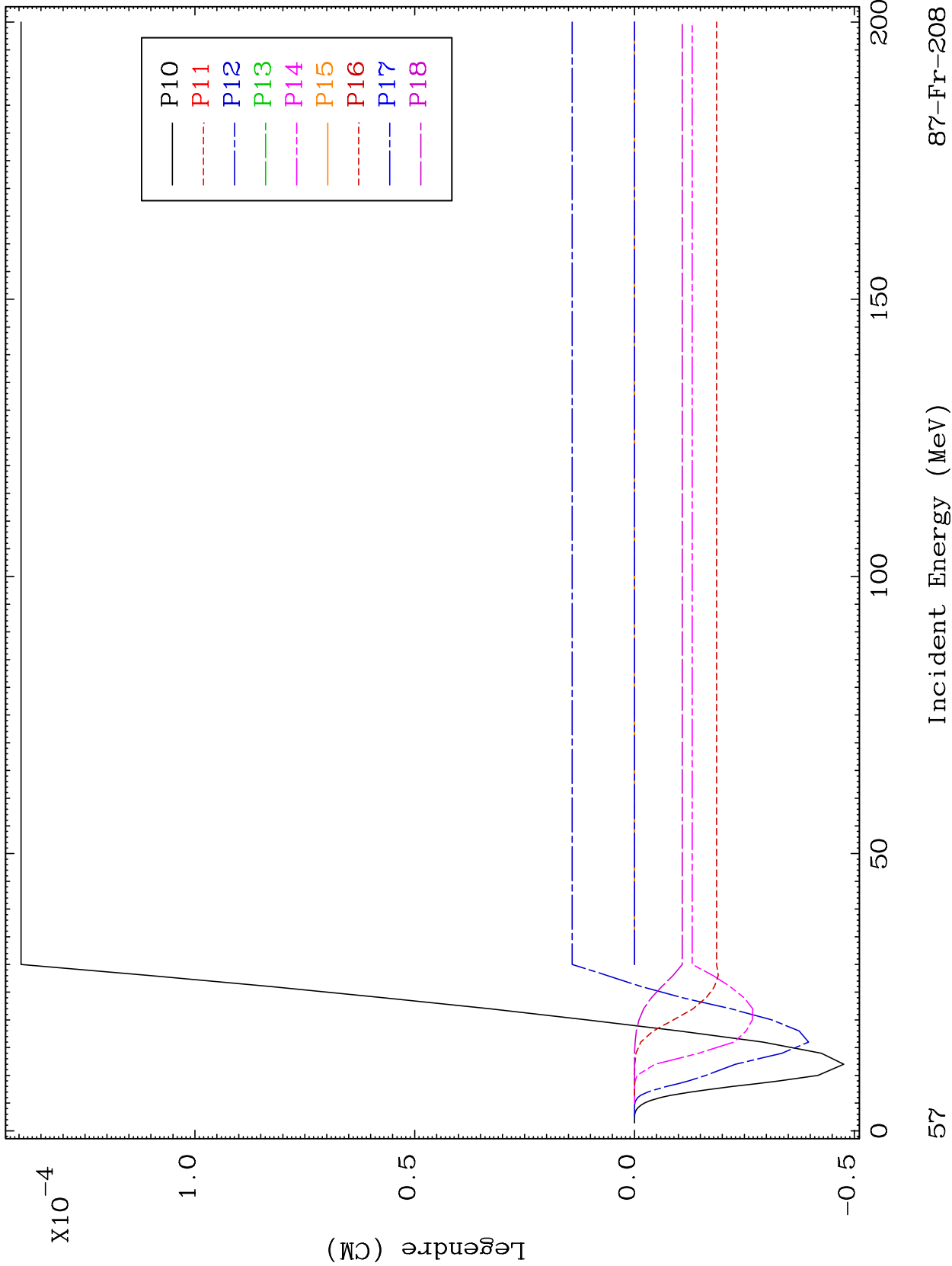




MAT 8713

843.4 keV (n,n') Level
Legendre Coefficients

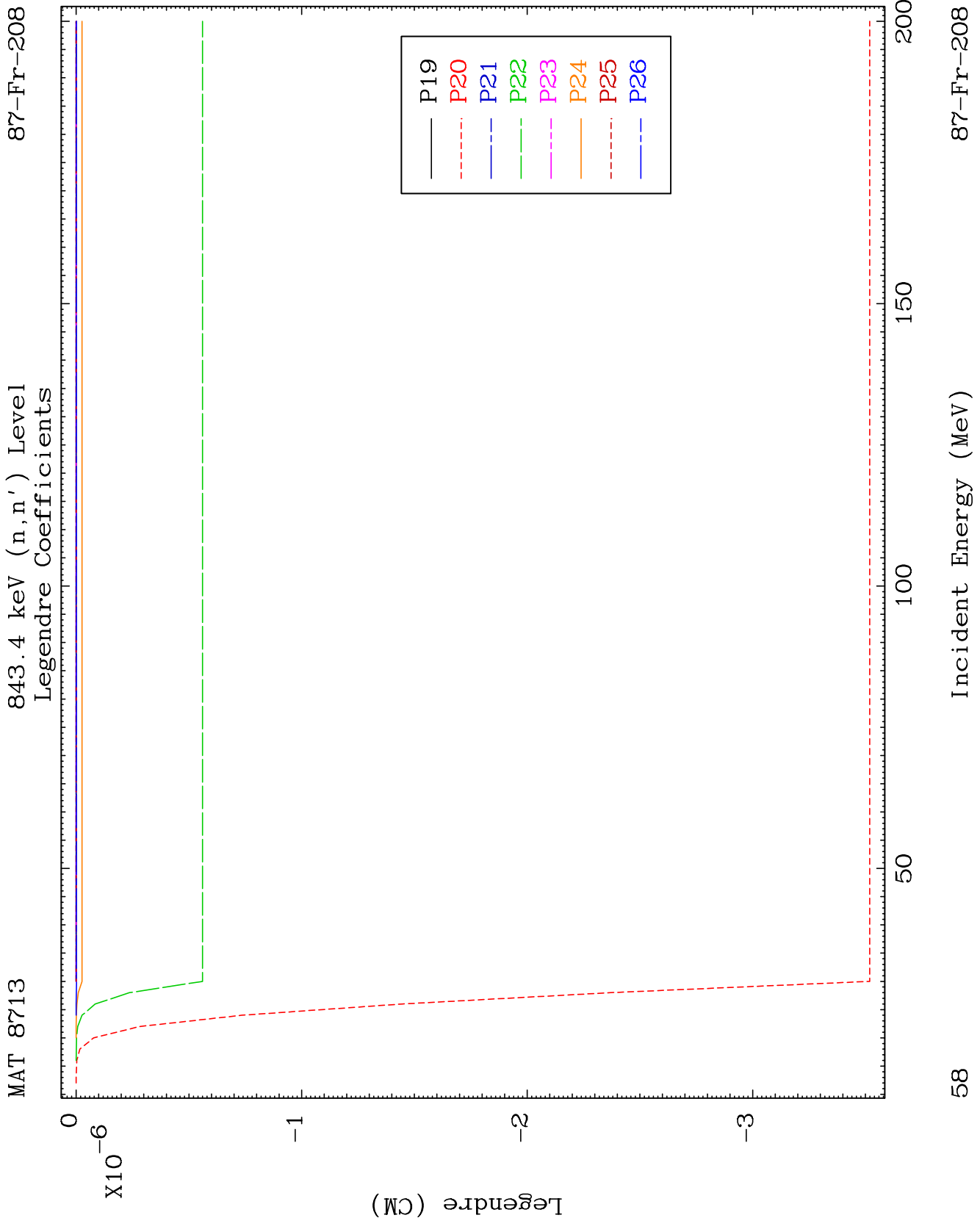
87-Fr-208



57

Incident Energy (MeV)

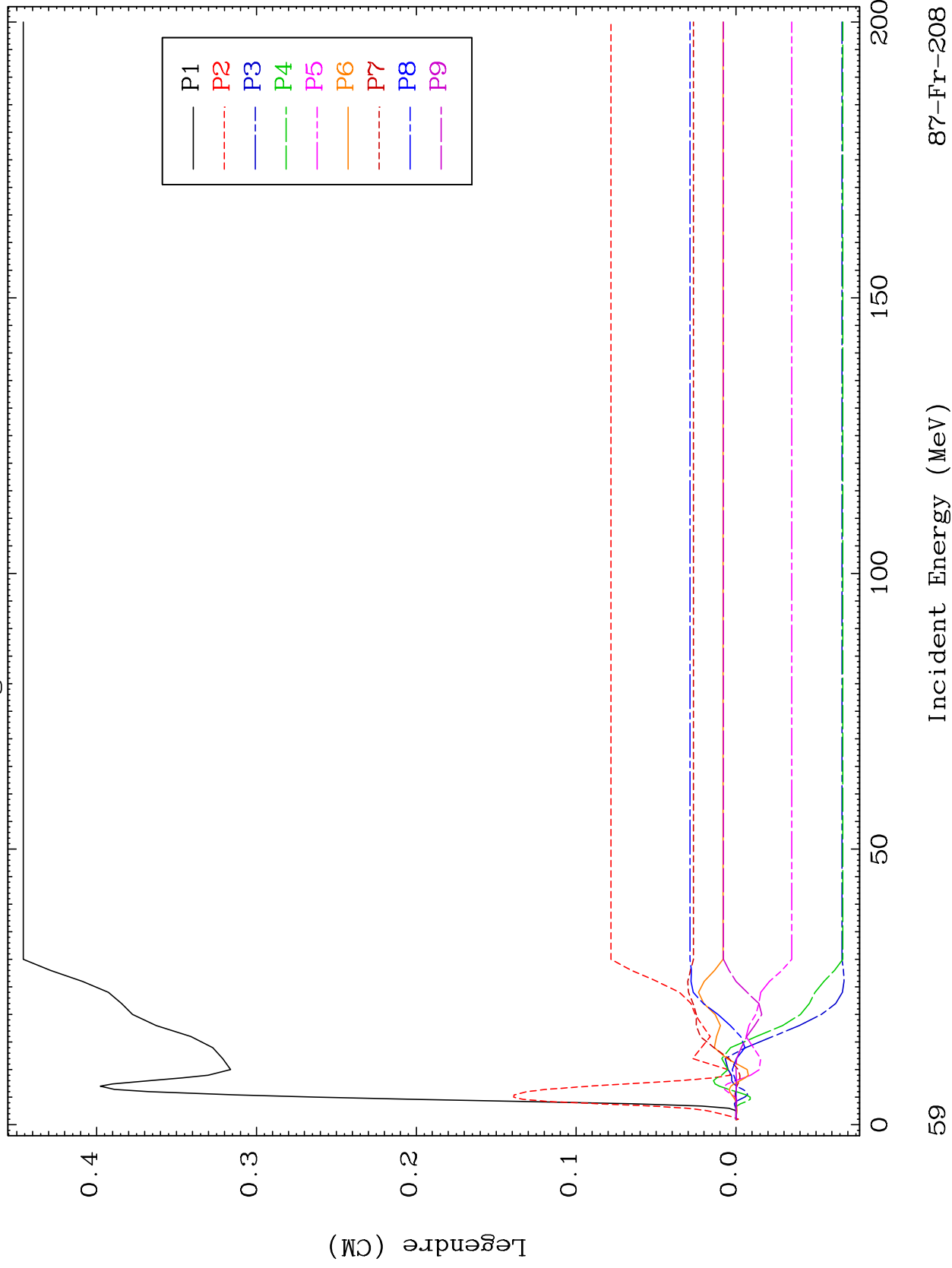
87-Fr-208



MAT 8713

843.9 keV (n,n') Level
Legendre Coefficients

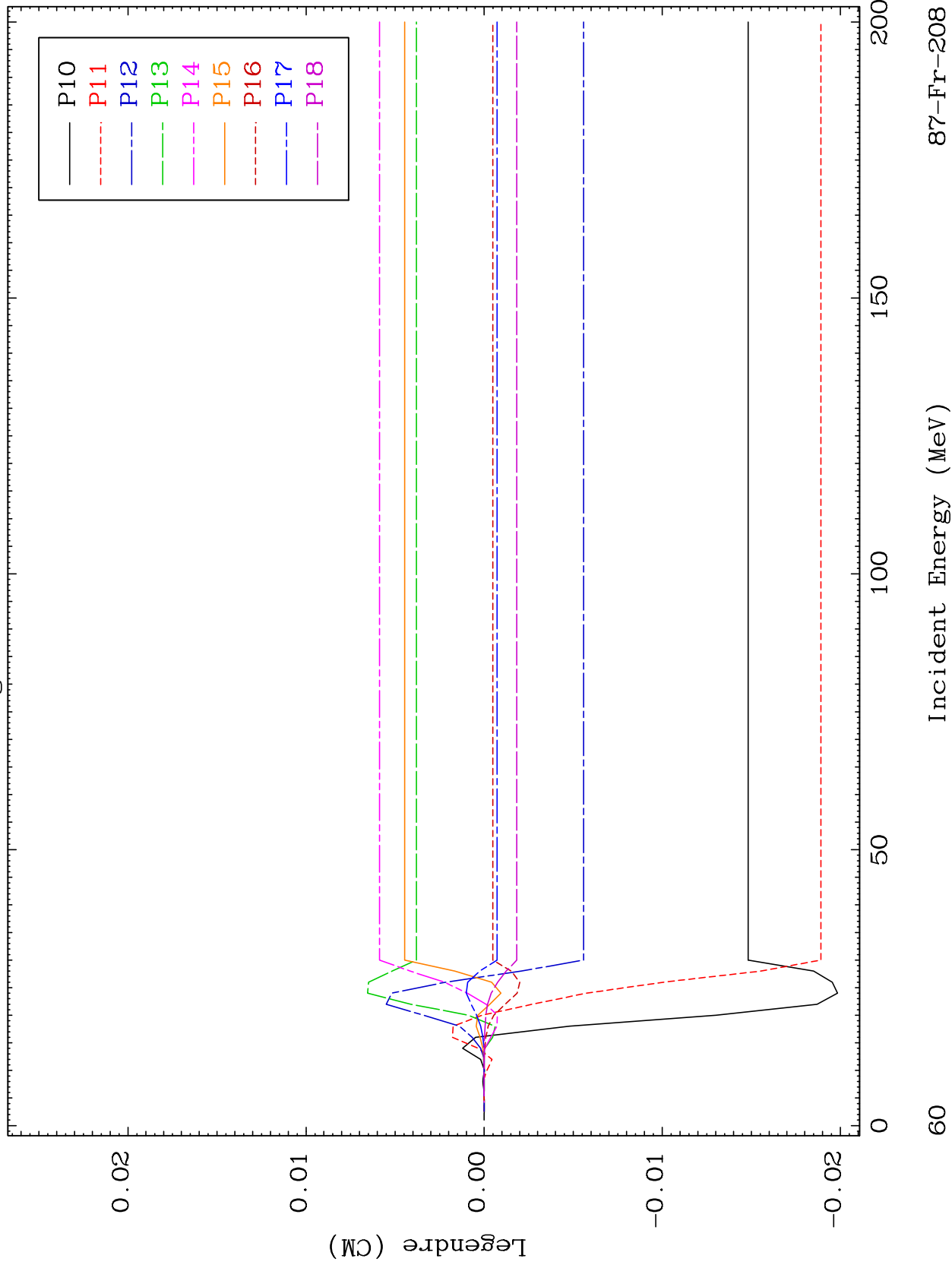
87-Fr-208



MAT 8713

843.9 keV (n,n') Level
Legendre Coefficients

87-Fr-208

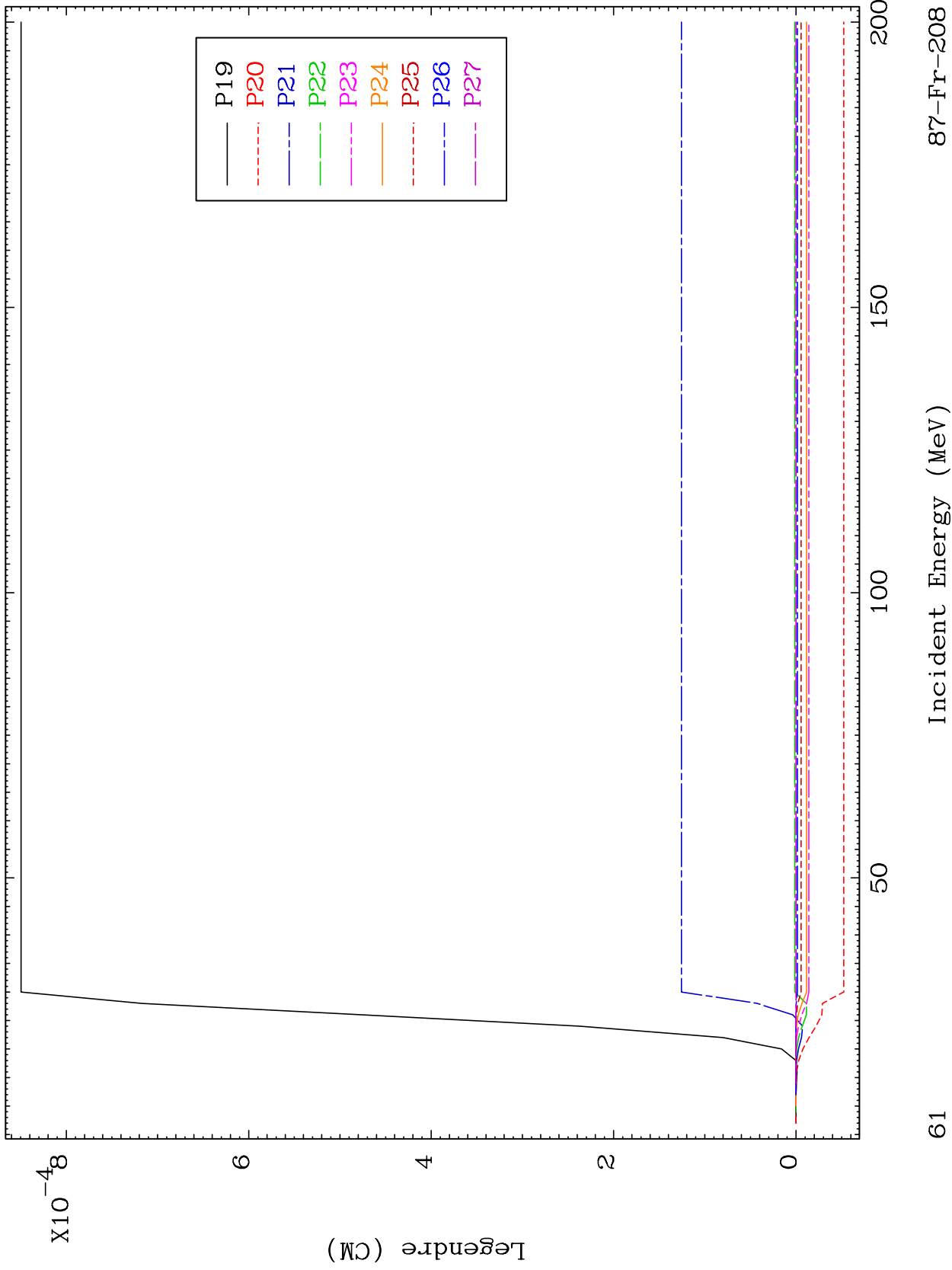


87-Fr-208

MAT 8713

843.9 keV (n,n') Level
Legendre Coefficients

87-Fr-208



61

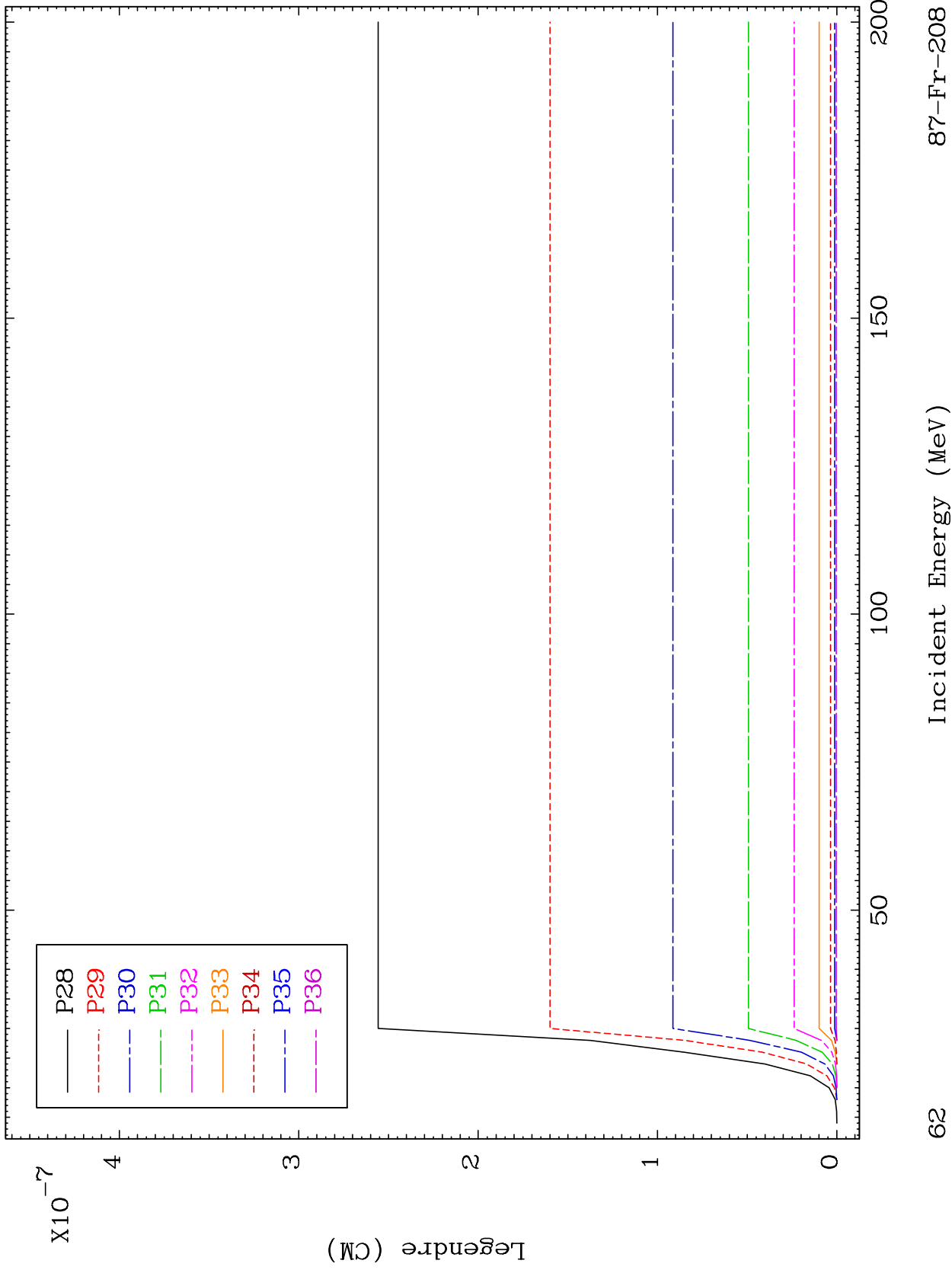
Incident Energy (MeV)

87-Fr-208

MAT 8713

843.9 keV (n,n') Level
Legendre Coefficients

87-Fr-208



62

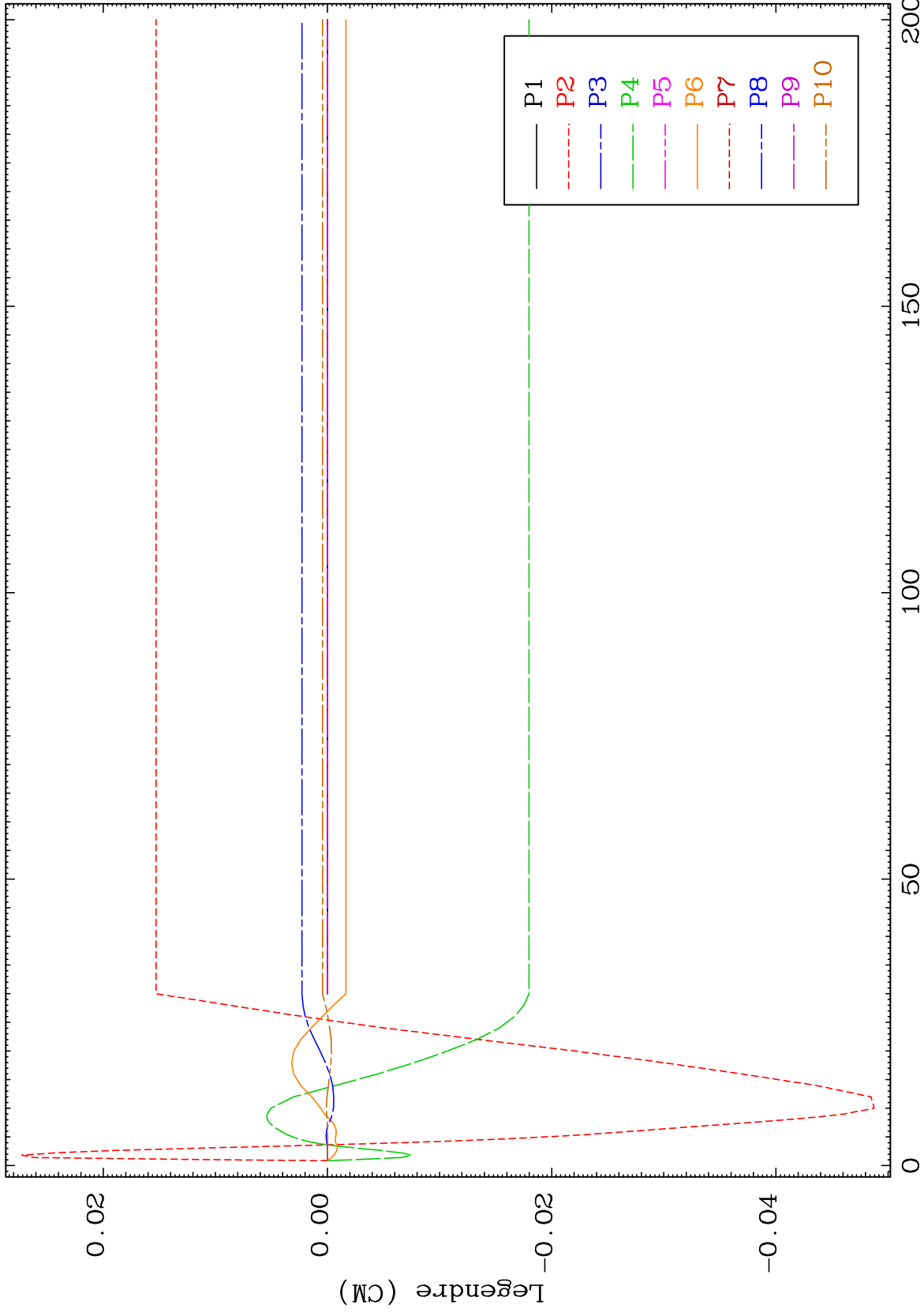
Incident Energy (MeV)

87-Fr-208

MAT 8713

846.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



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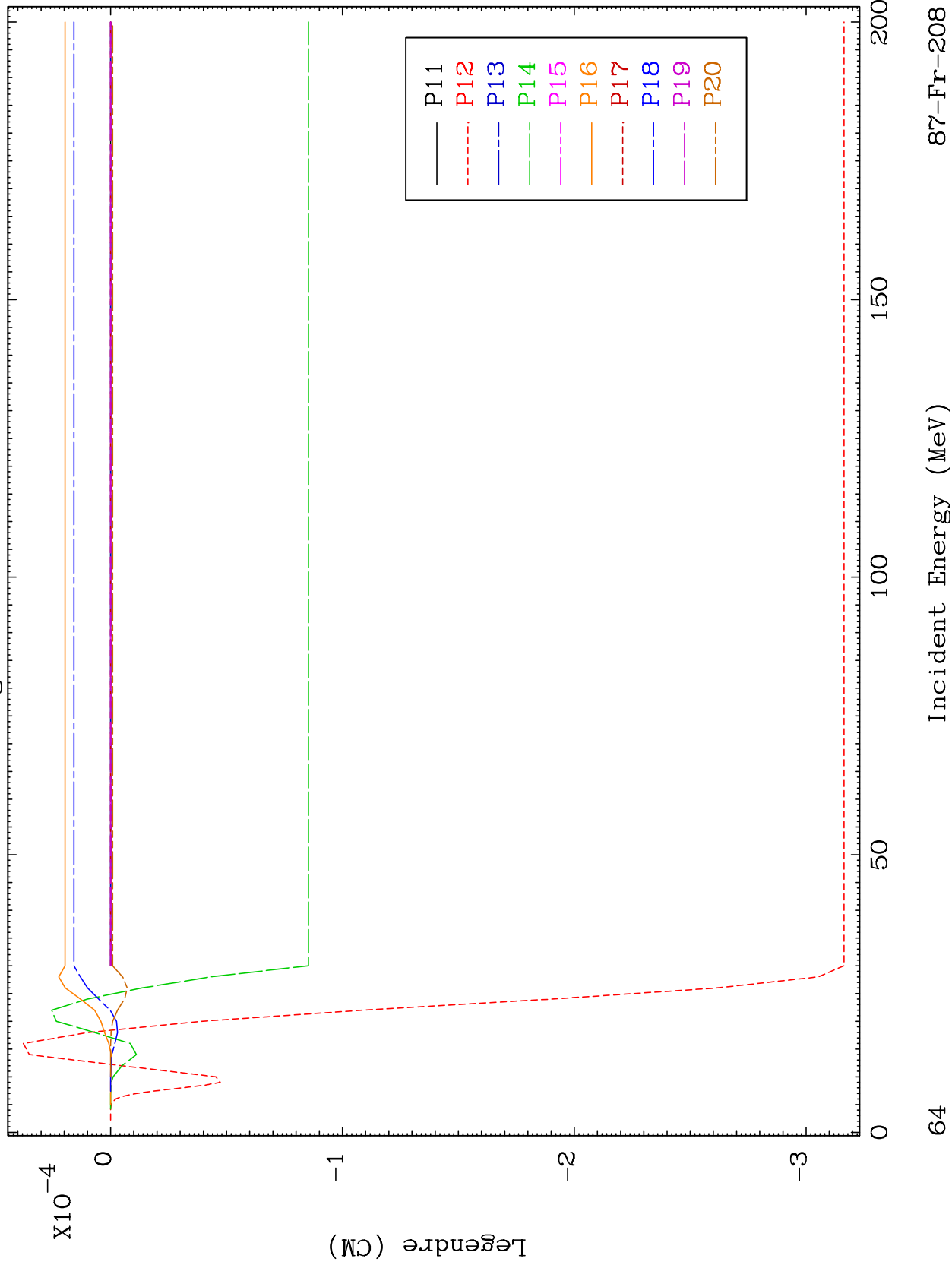
Incident Energy (MeV)

87-Fr-208

MAT 8713

846.3 keV (n,n') Level
Legendre Coefficients

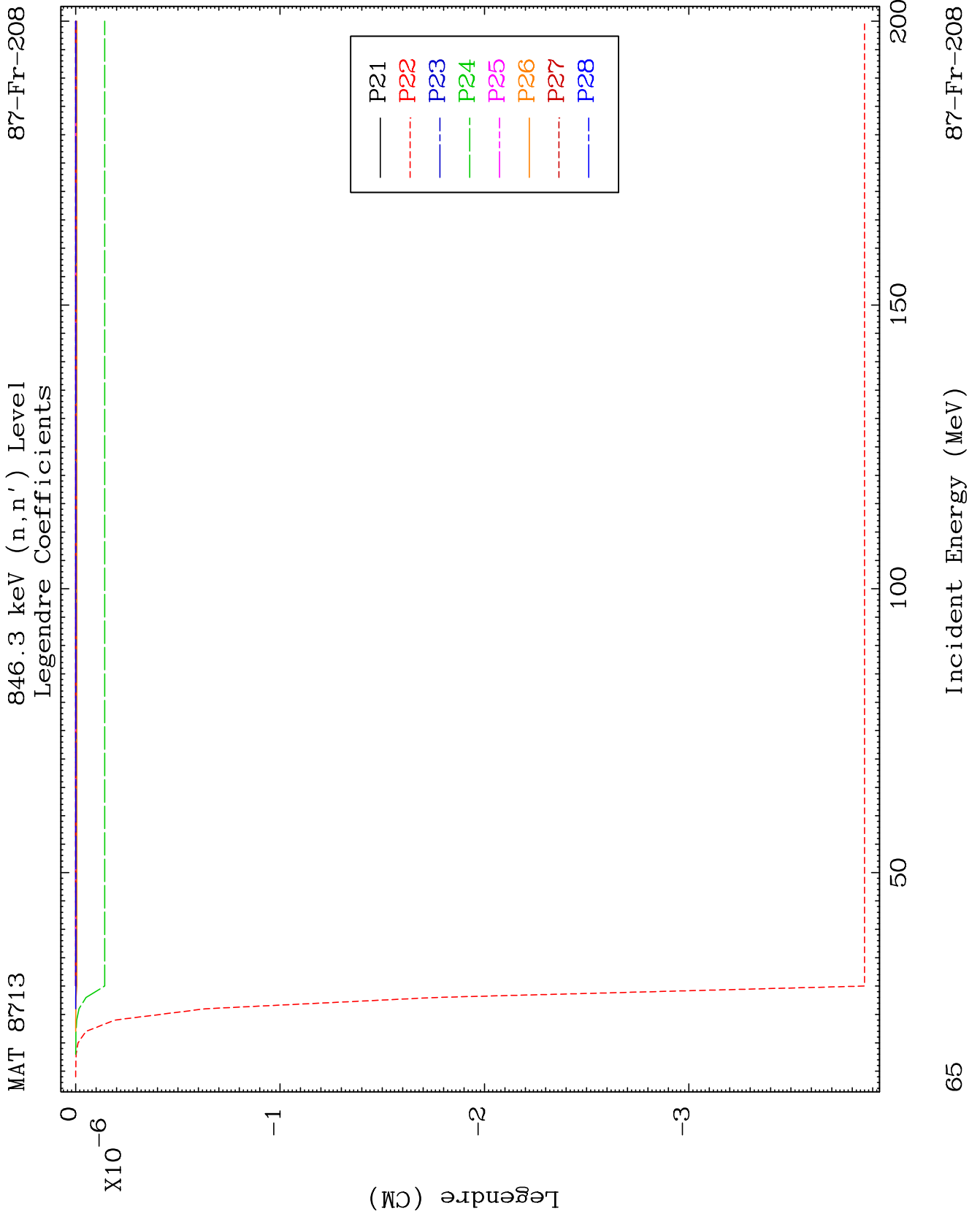
87-Fr-208



87-Fr-208

Incident Energy (MeV)

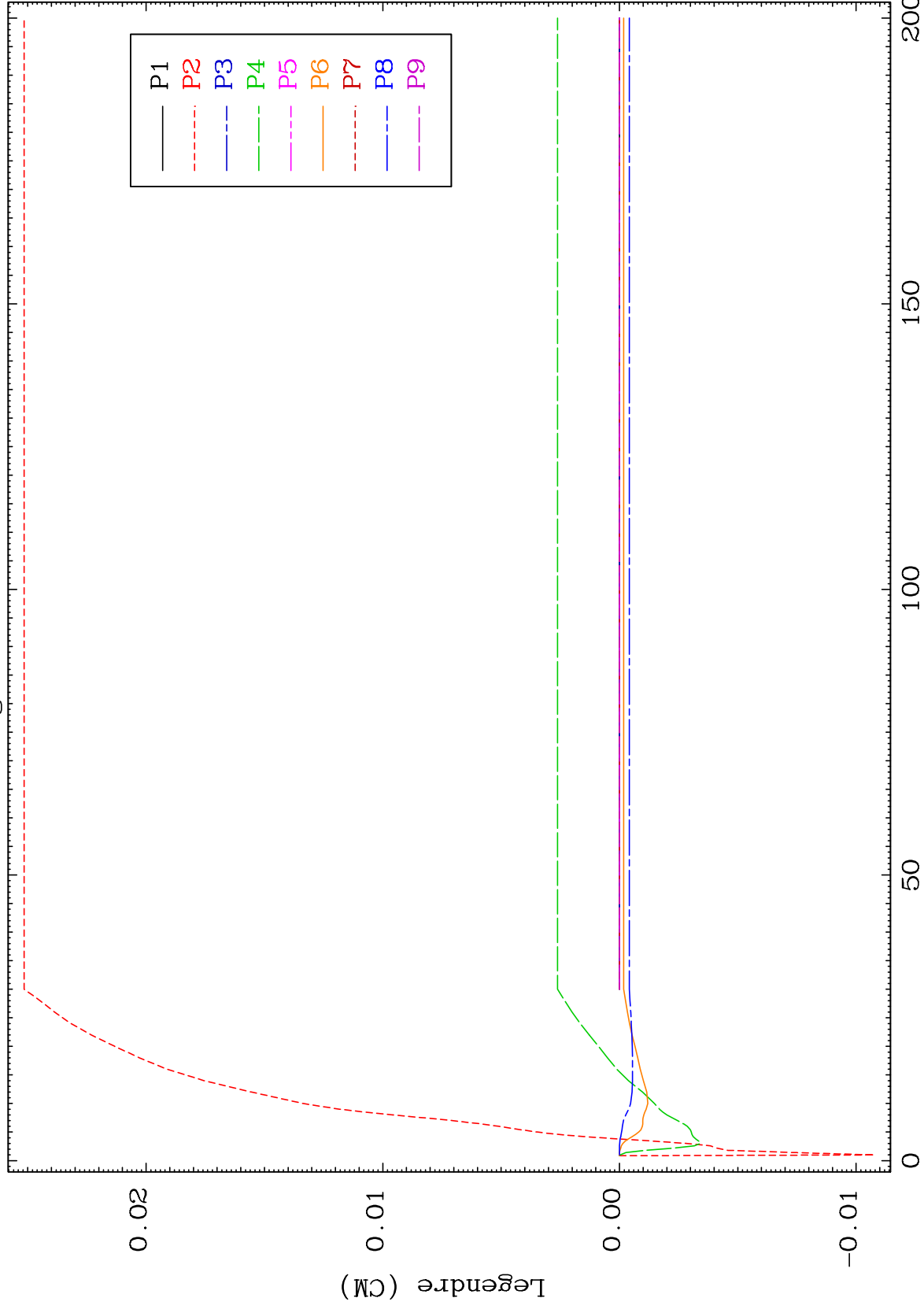
64



MAT 8713

848.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

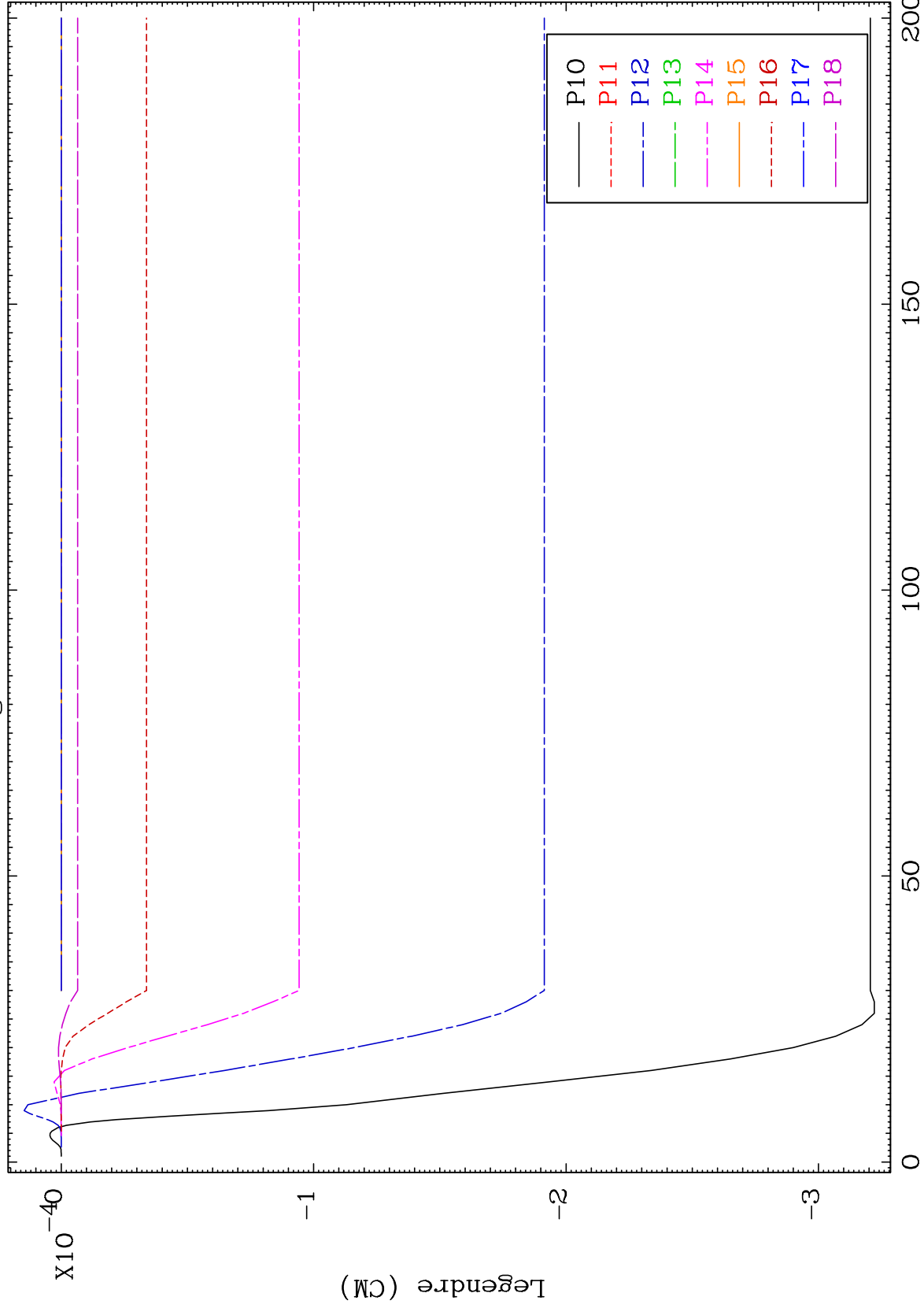
Incident Energy (MeV)

66

MAT 8713

848.0 keV (n,n') Level
Legendre Coefficients

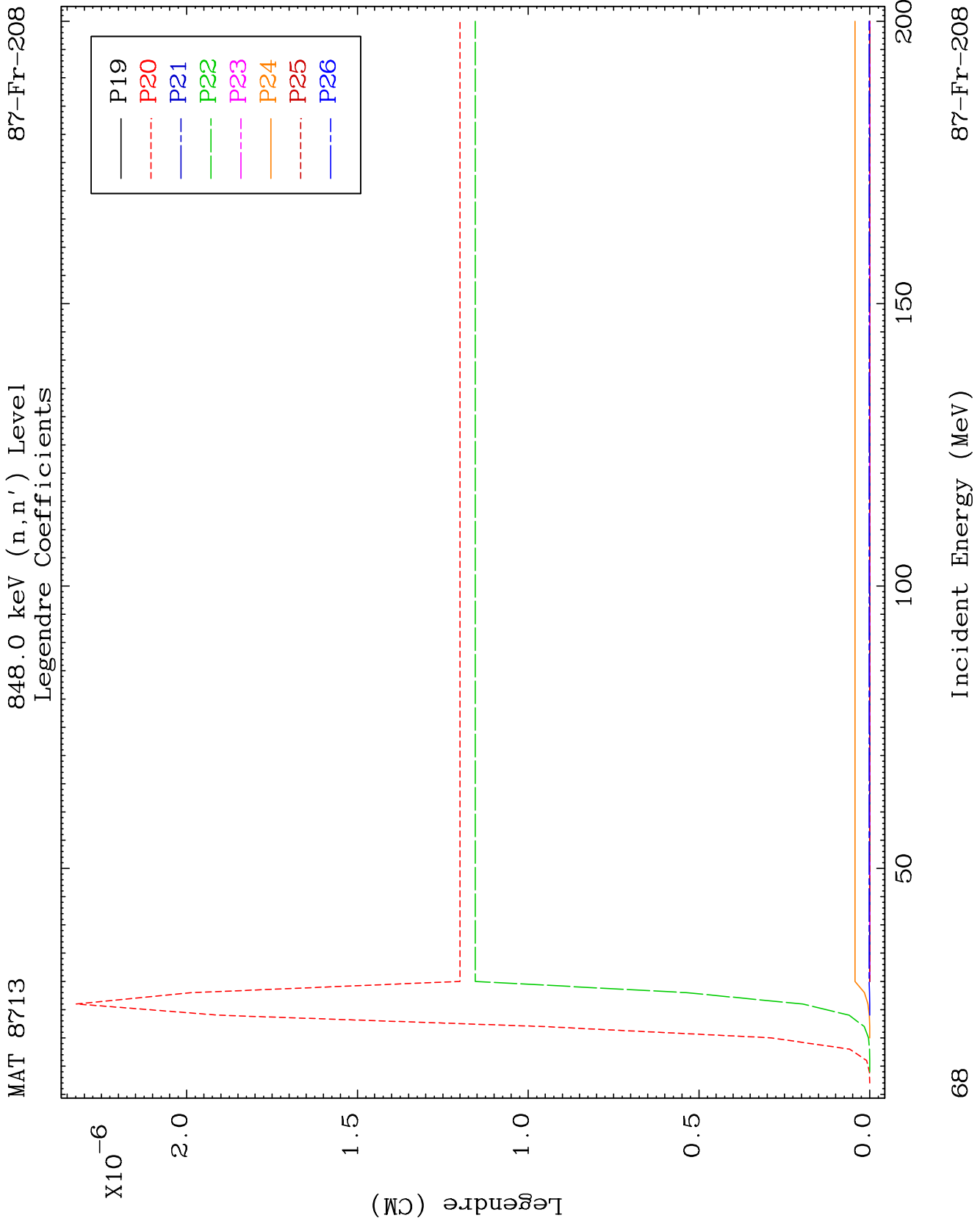
87-Fr-208



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Incident Energy (MeV)

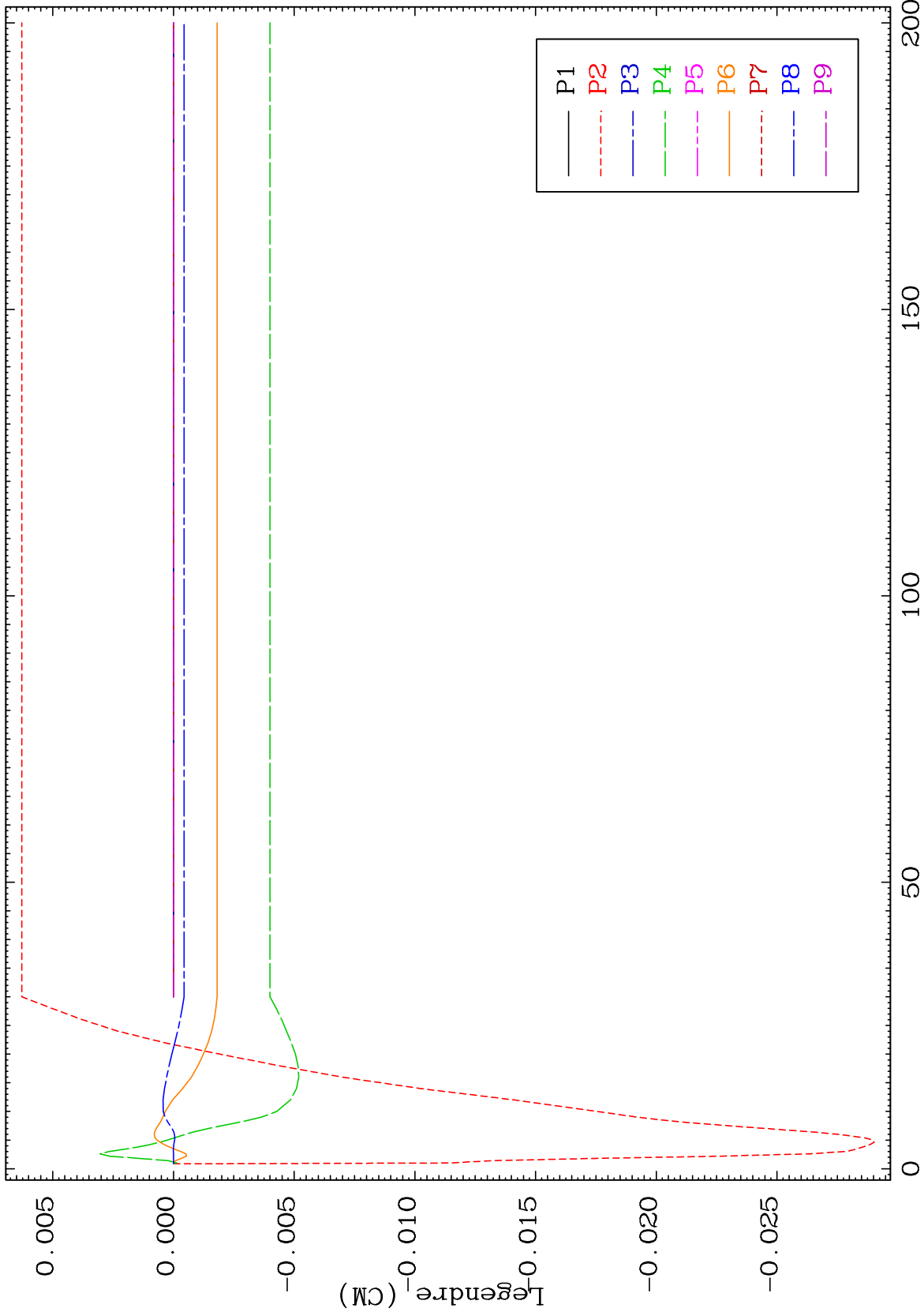
87-Fr-208



MAT 8713

849.8 keV (n,n') Level
Legendre Coefficients

87-Fr-208



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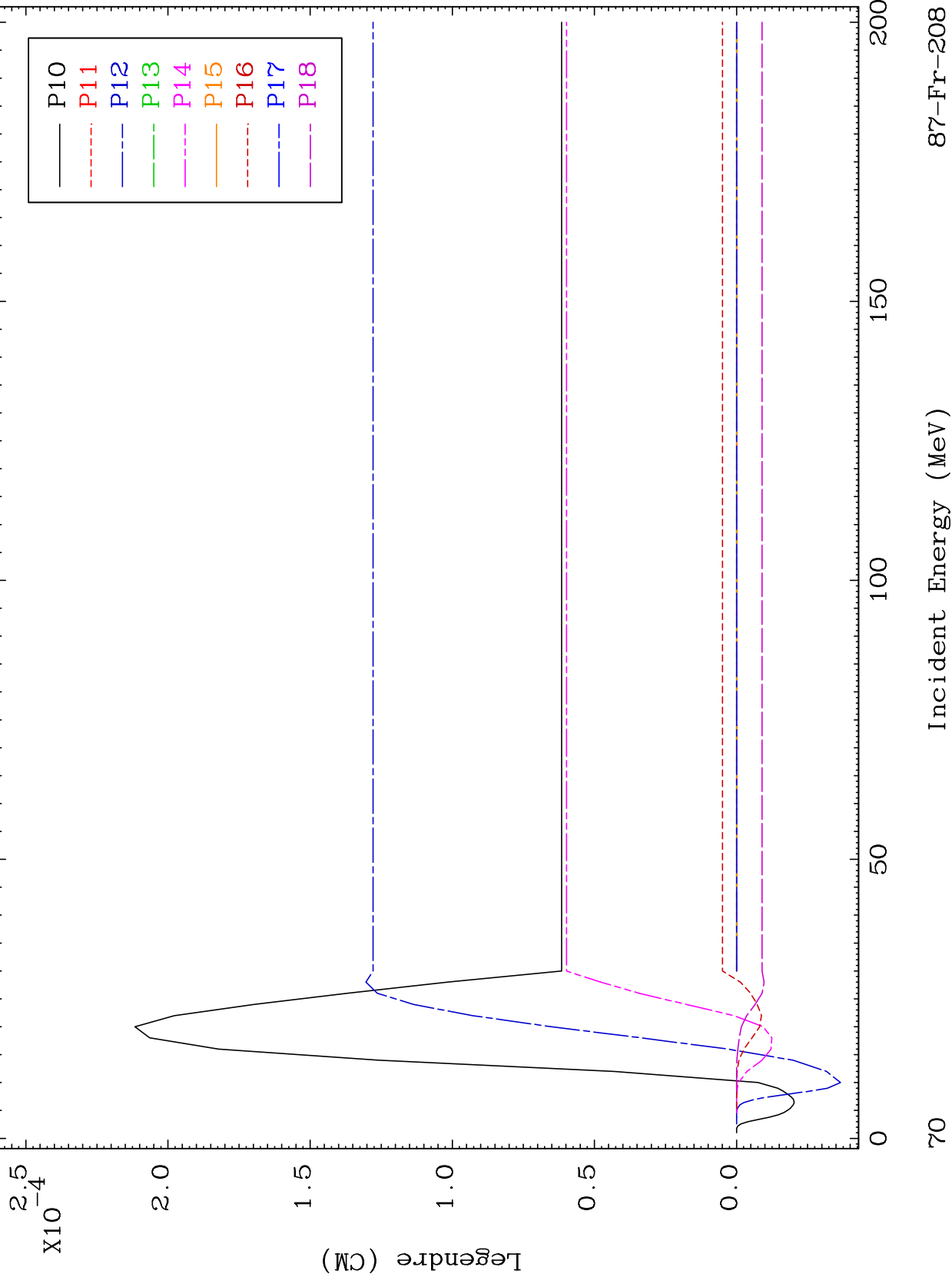
Incident Energy (MeV)

87-Fr-208

MAT 8713

849.8 keV (n,n') Level
Legendre Coefficients

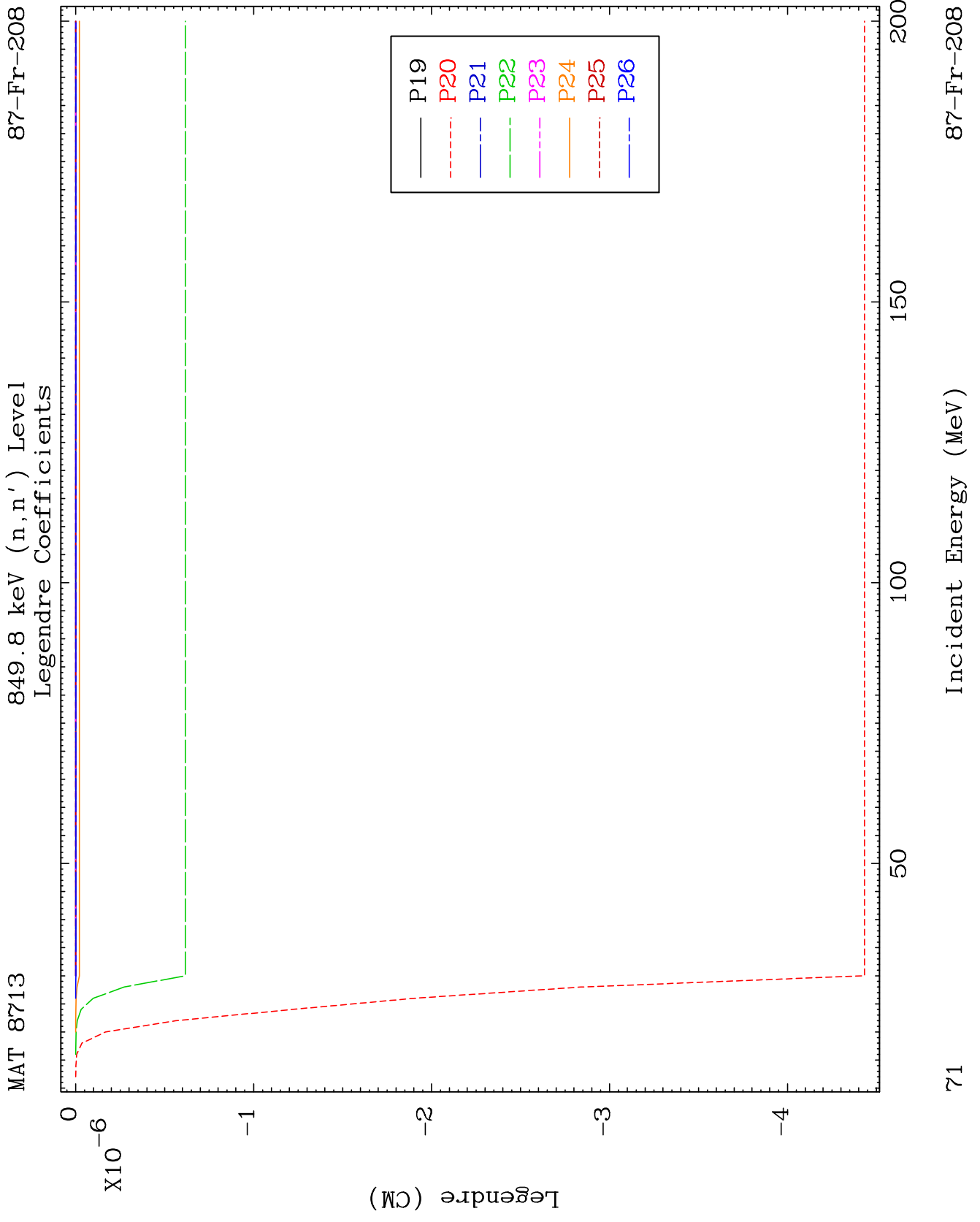
87-Fr-208



87-Fr-208

Incident Energy (MeV)

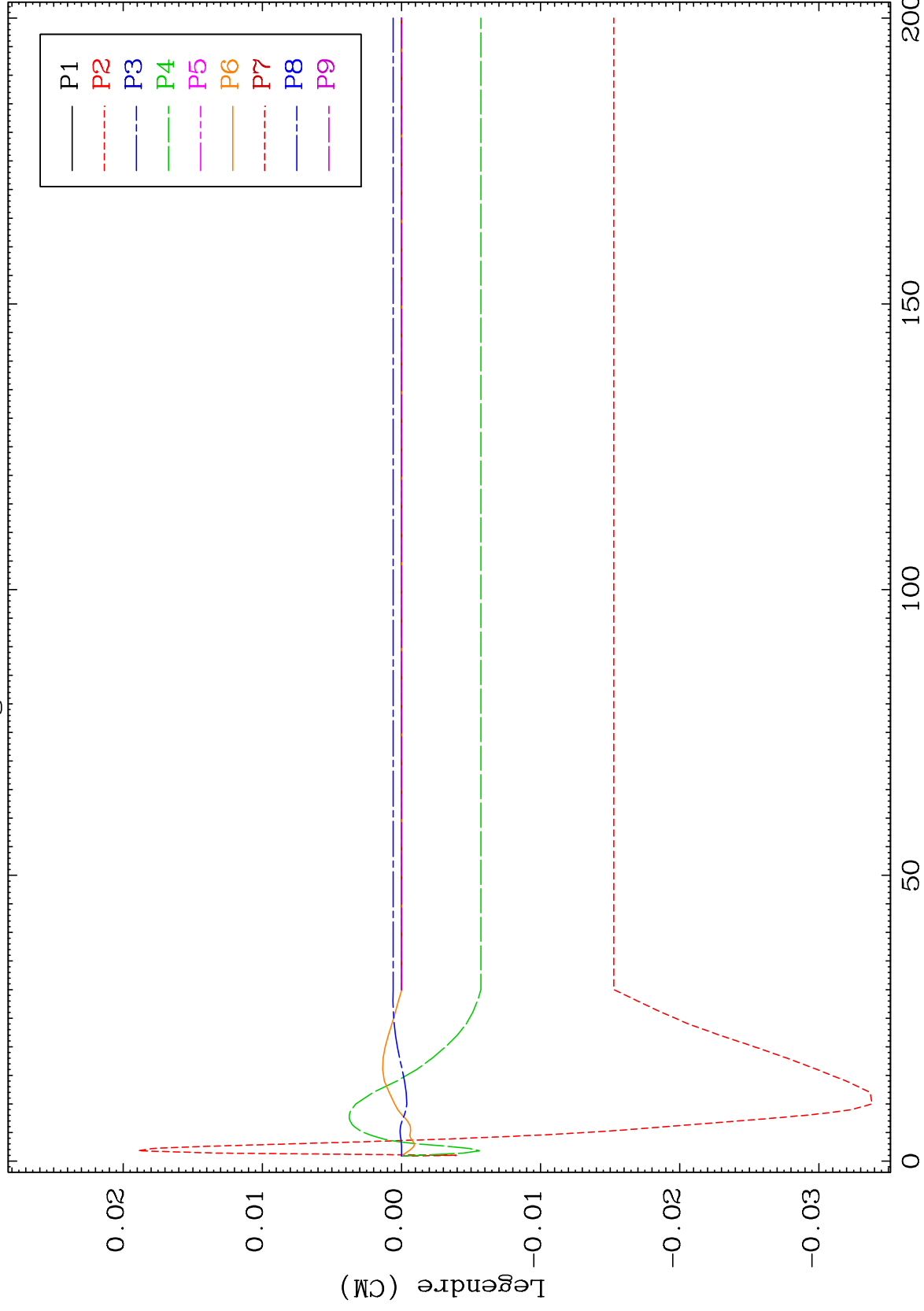
70



MAT 8713

856.1 keV (n,n') Level
Legendre Coefficients

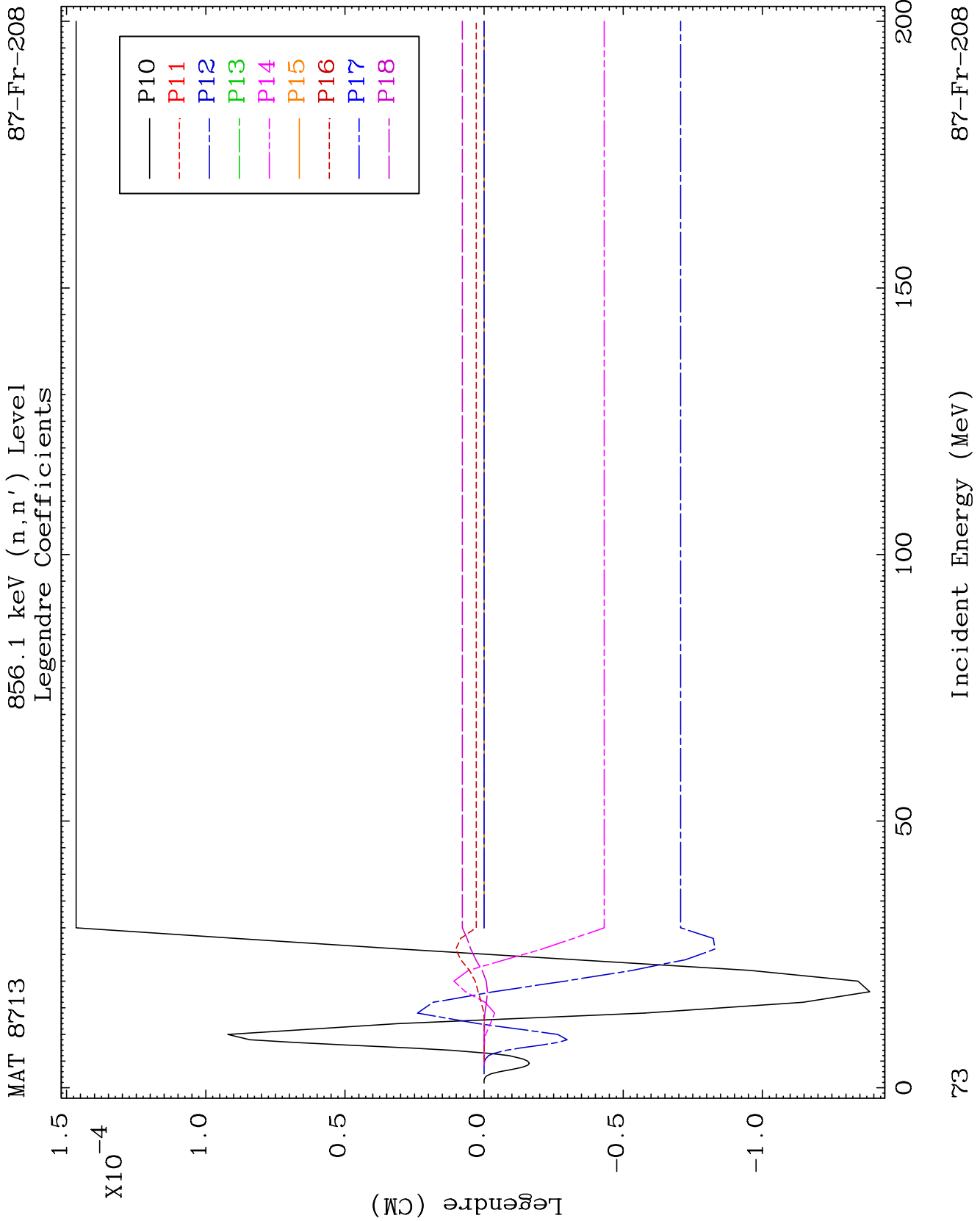
87-Fr-208



72

Incident Energy (MeV)

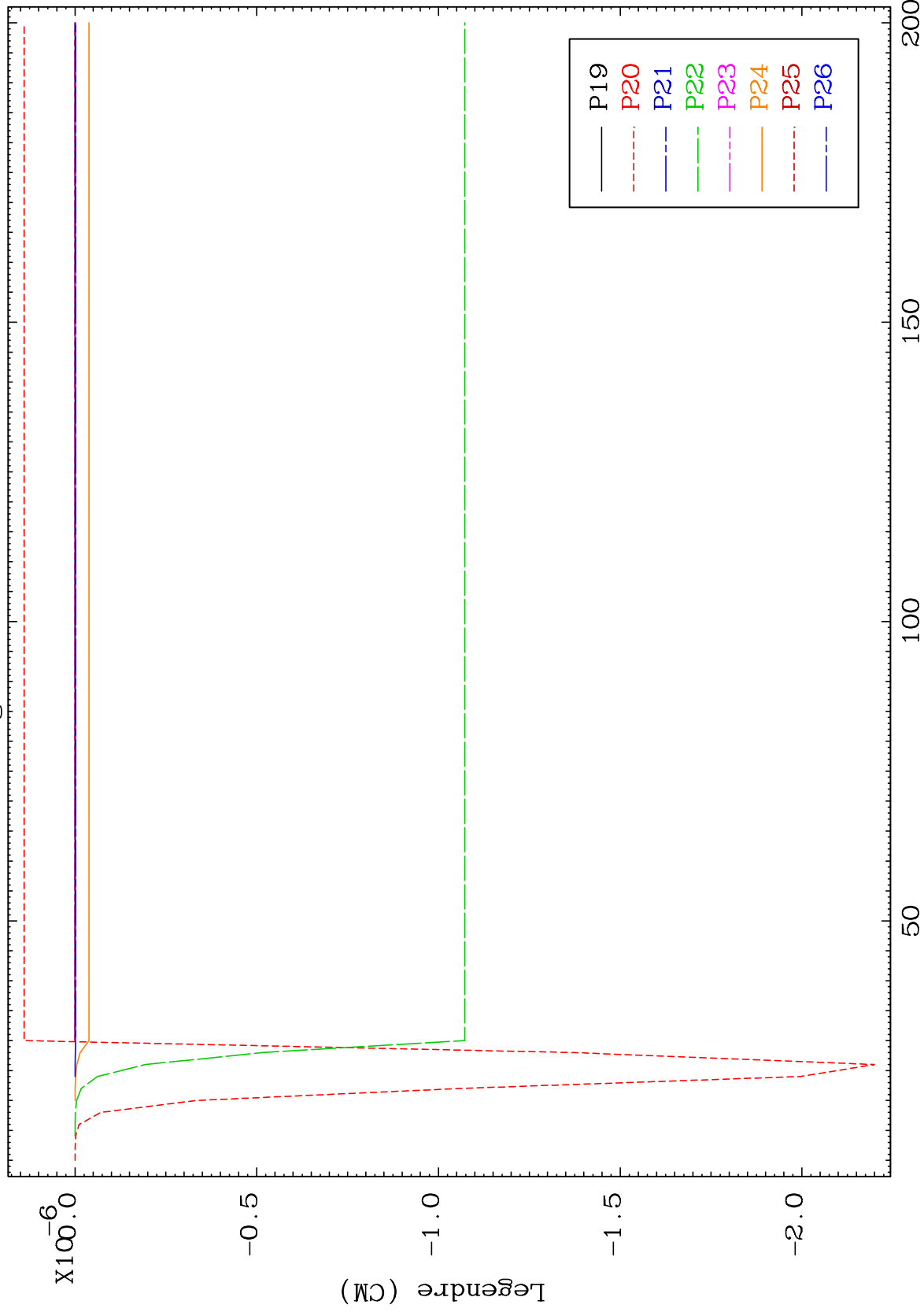
87-Fr-208



MAT 8713

856.1 keV (n,n') Level
Legendre Coefficients

87-Fr-208



74

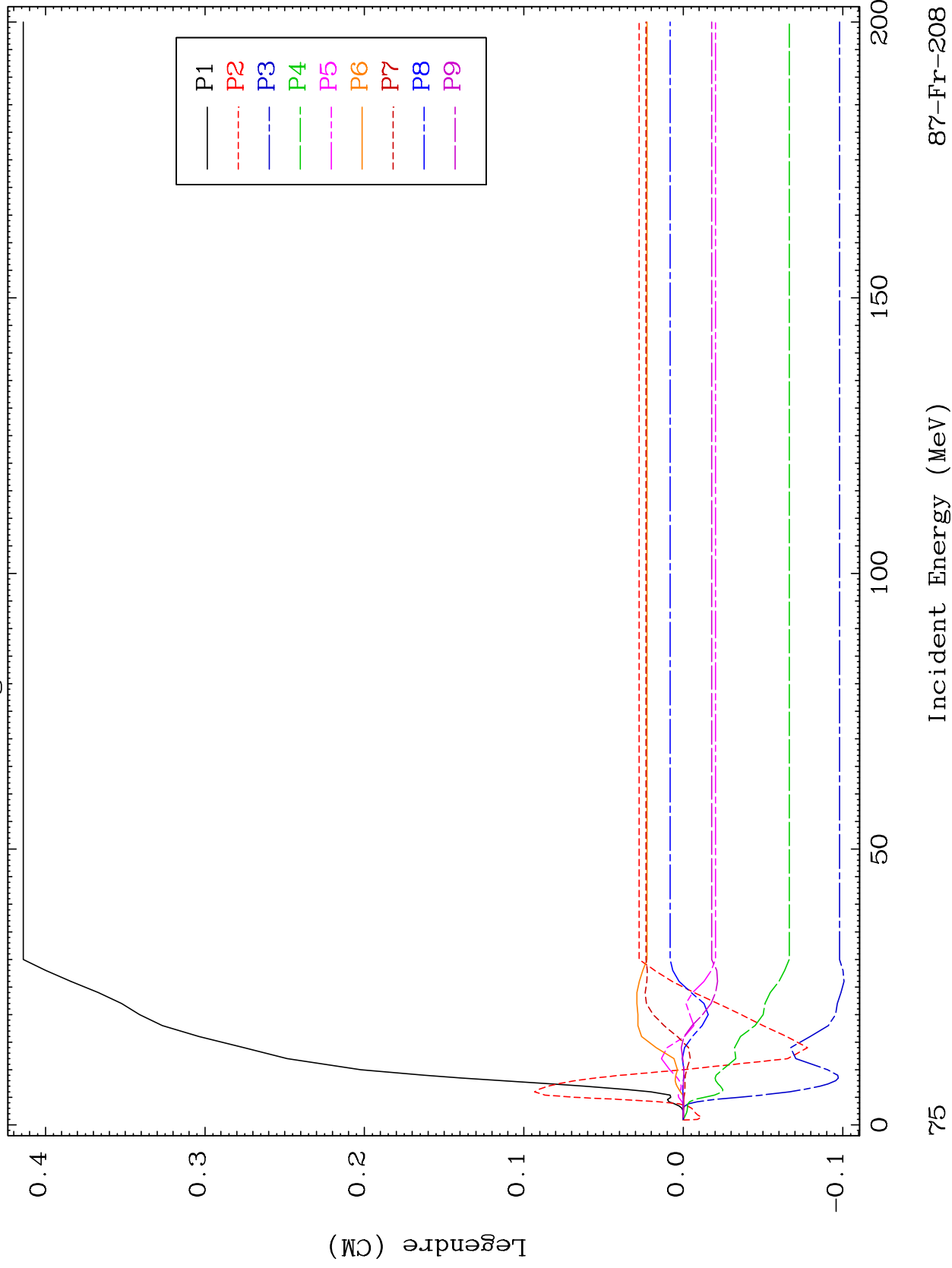
Incident Energy (MeV)

87-Fr-208

MAT 8713

858.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

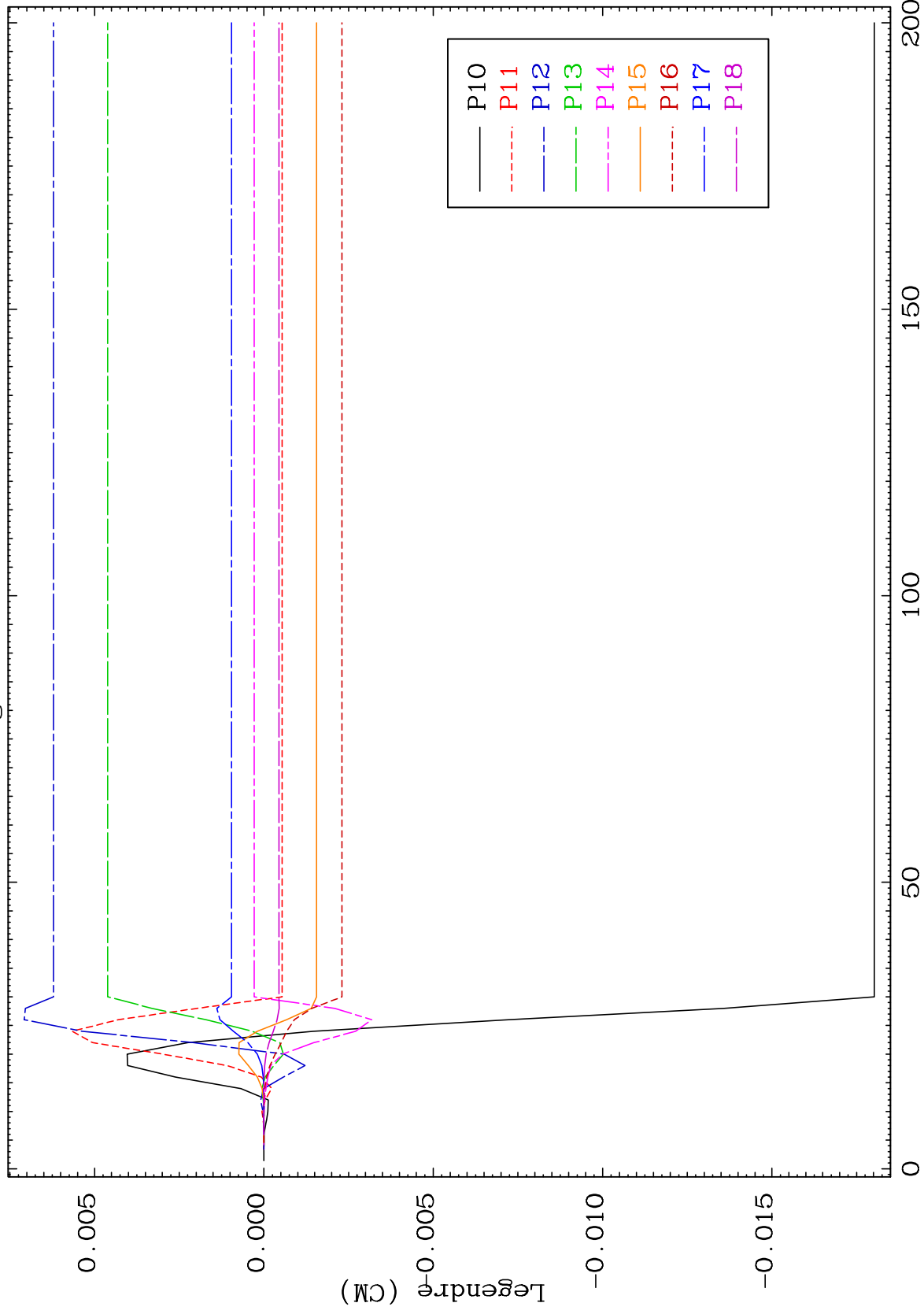
Incident Energy (MeV)

75

MAT 8713

858.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



76

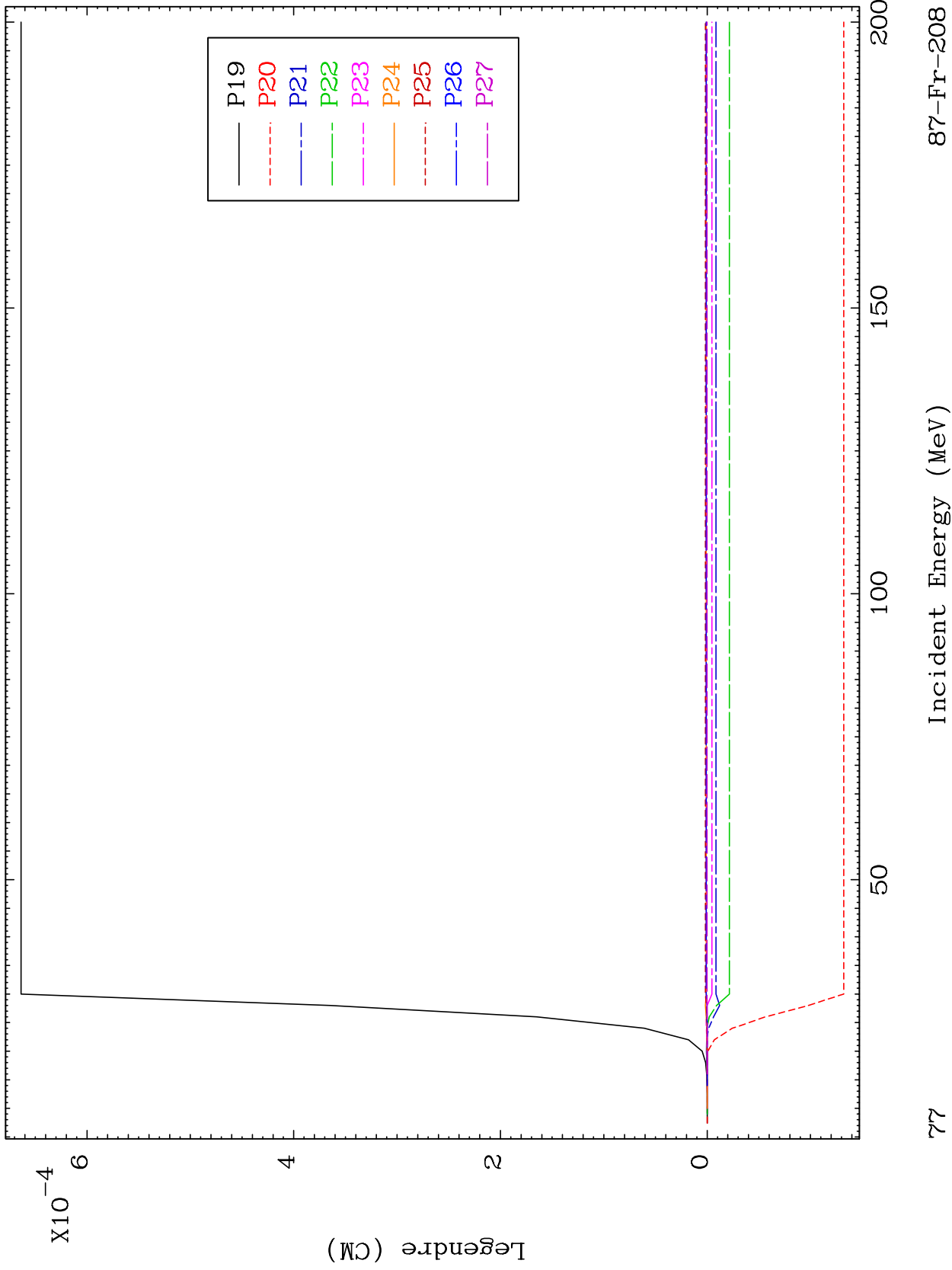
Incident Energy (MeV)

87-Fr-208

MAT 8713

858.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



77

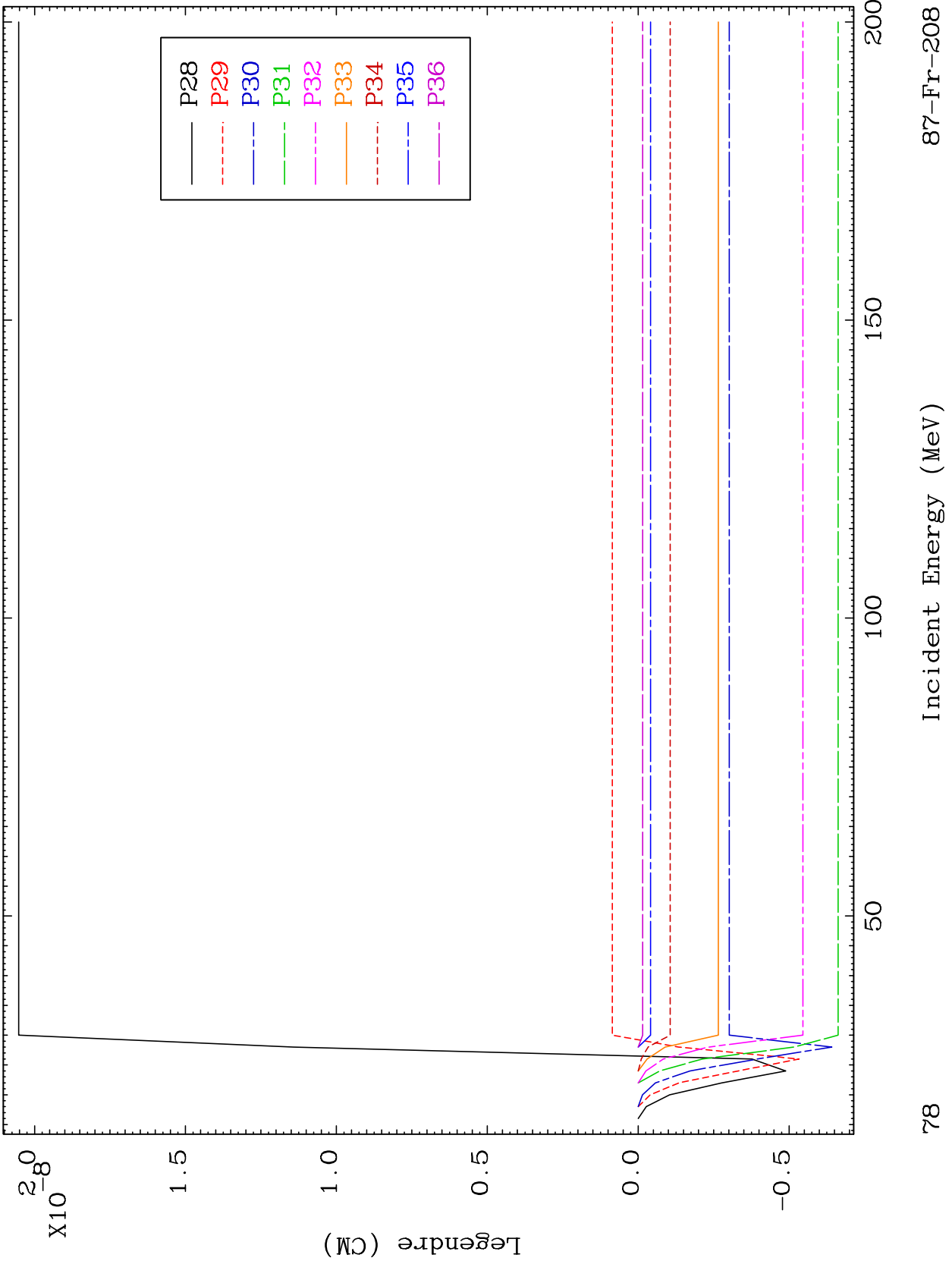
Incident Energy (MeV)

87-Fr-208

MAT 8713

858.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



78

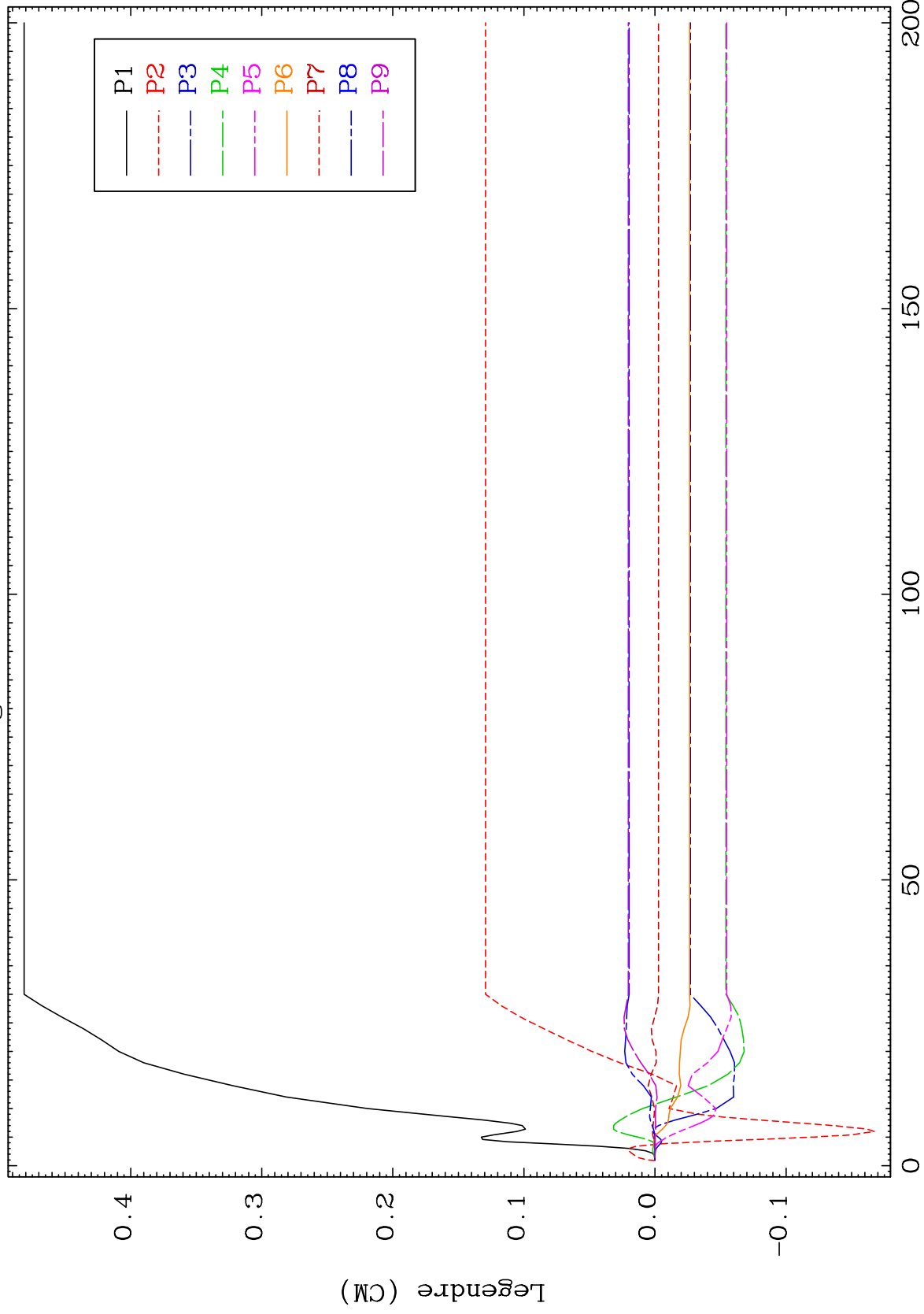
Incident Energy (MeV)

87-Fr-208

MAT 8713

859.5 keV (n,n') Level
Legendre Coefficients

87-Fr-208



79

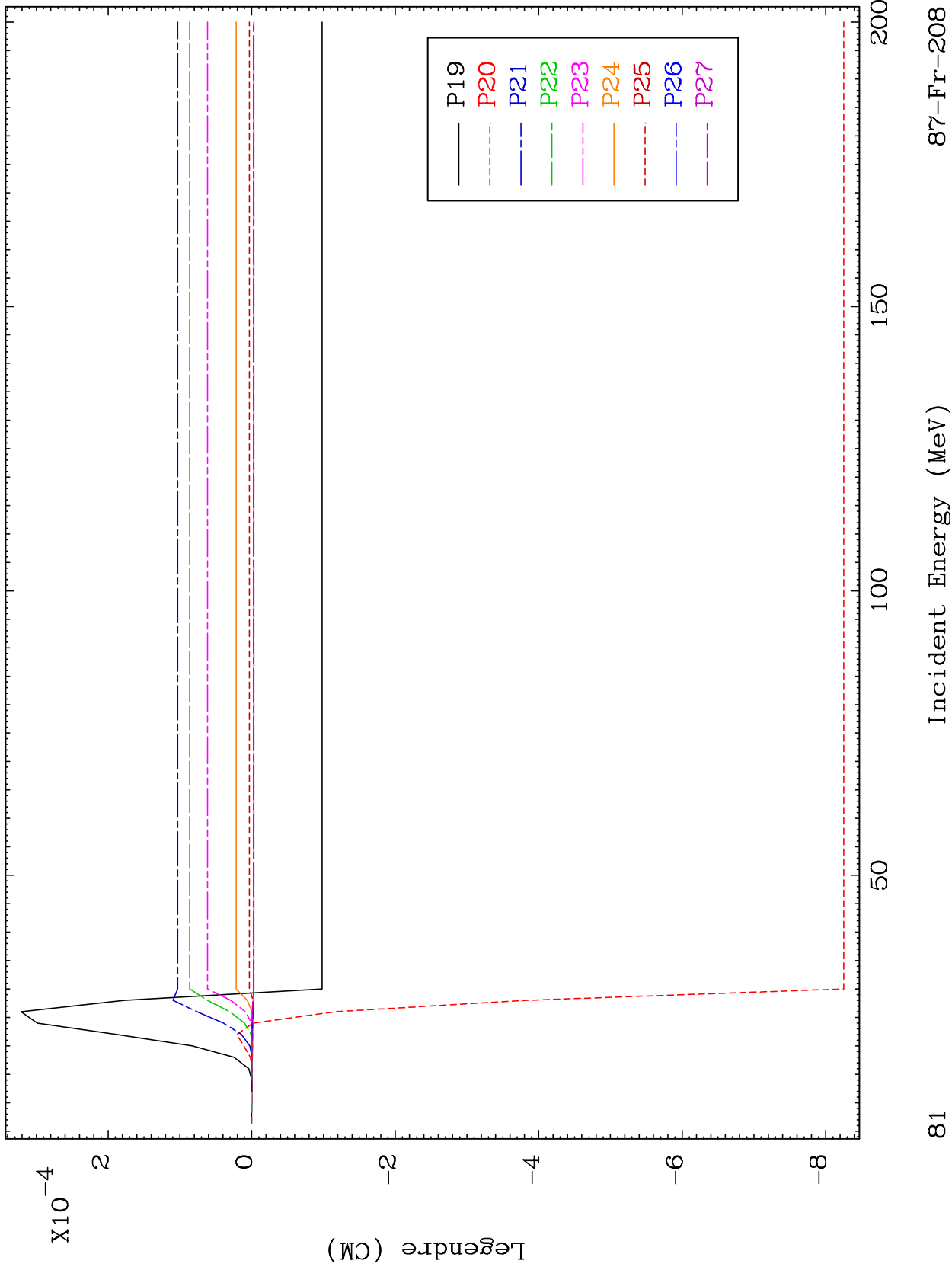
Incident Energy (MeV)

87-Fr-208

MAT 8713

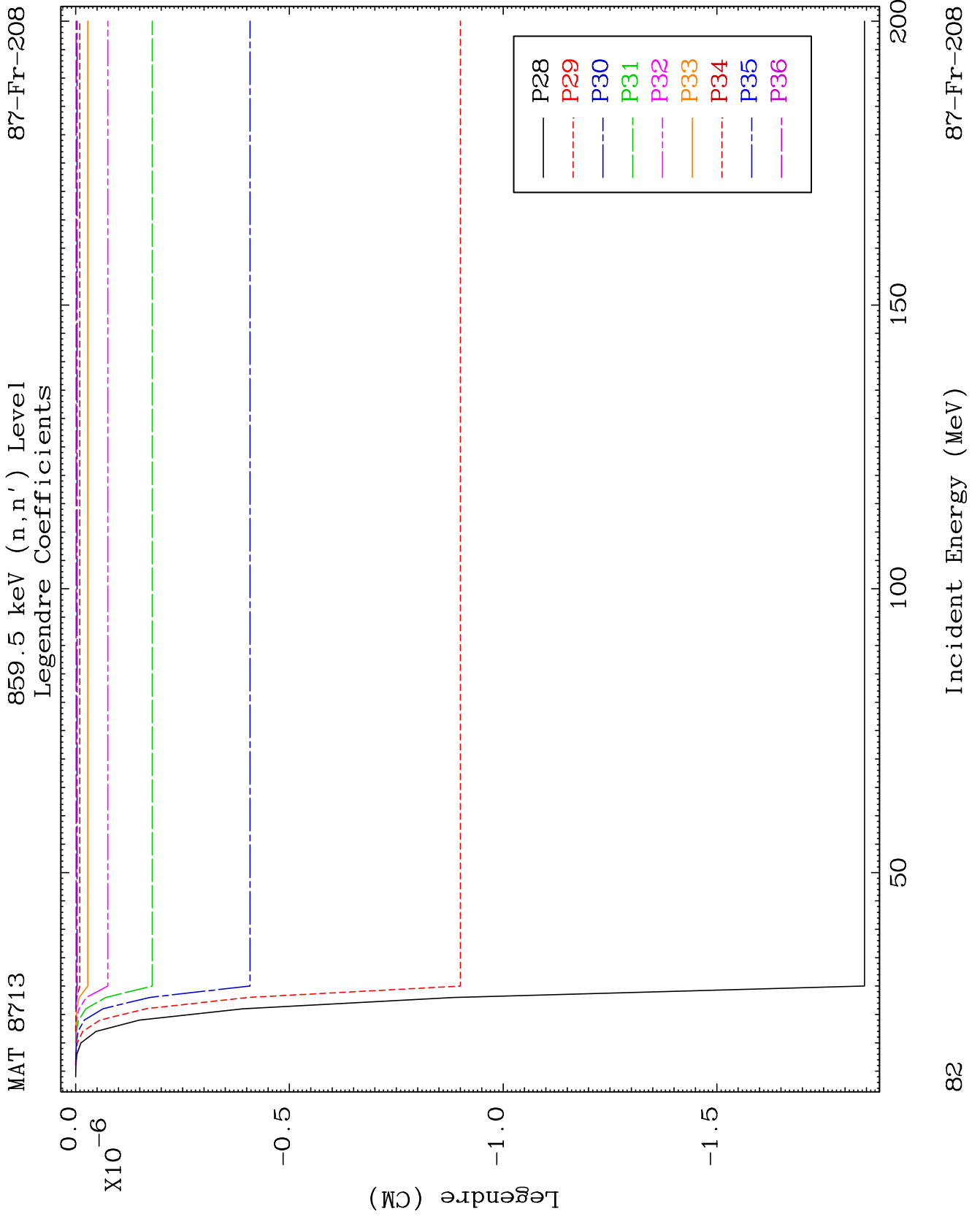
859.5 keV (n,n') Level
Legendre Coefficients

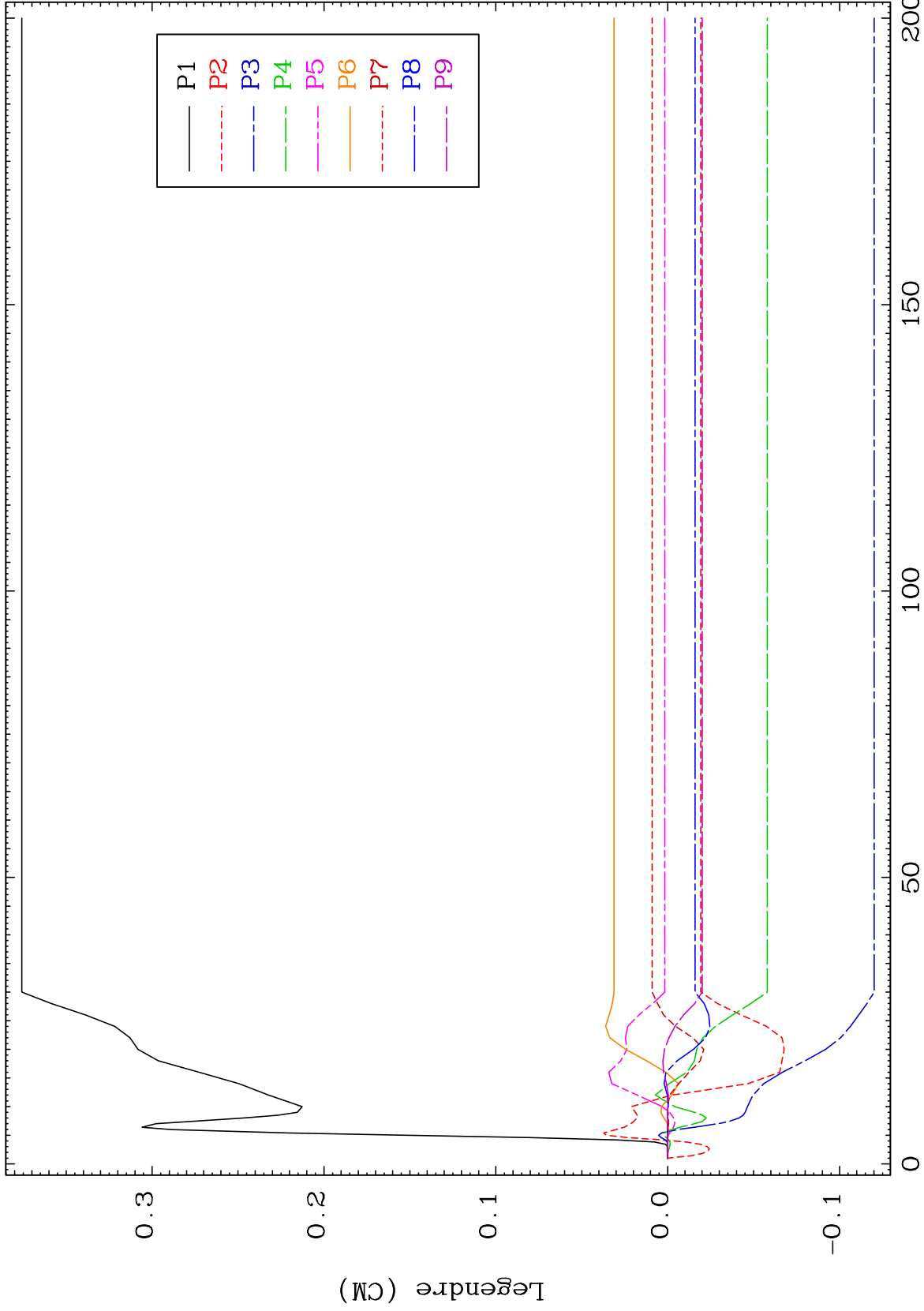
87-Fr-208



81

87-Fr-208

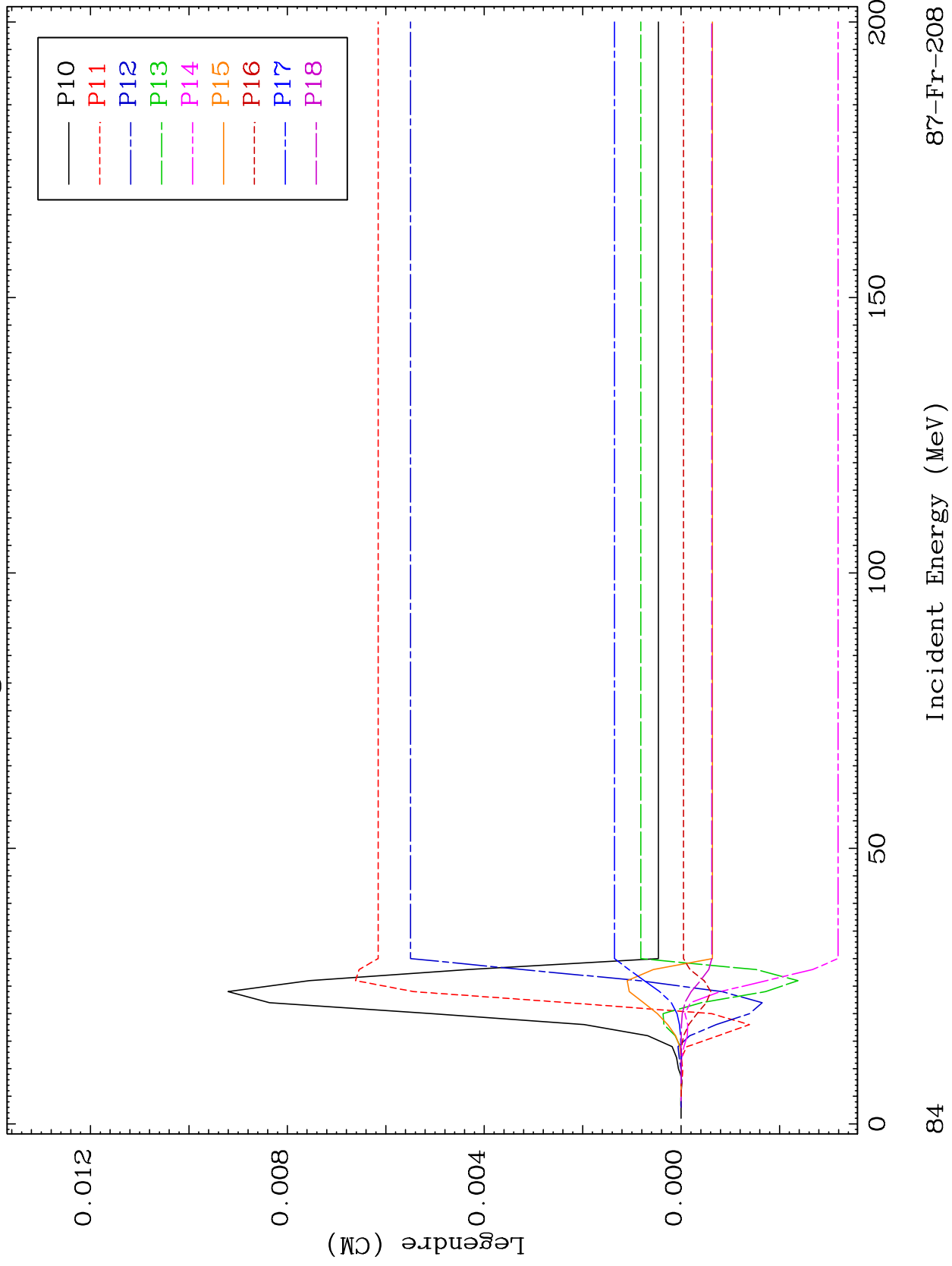




MAT 8713

861.5 keV (n,n') Level
Legendre Coefficients

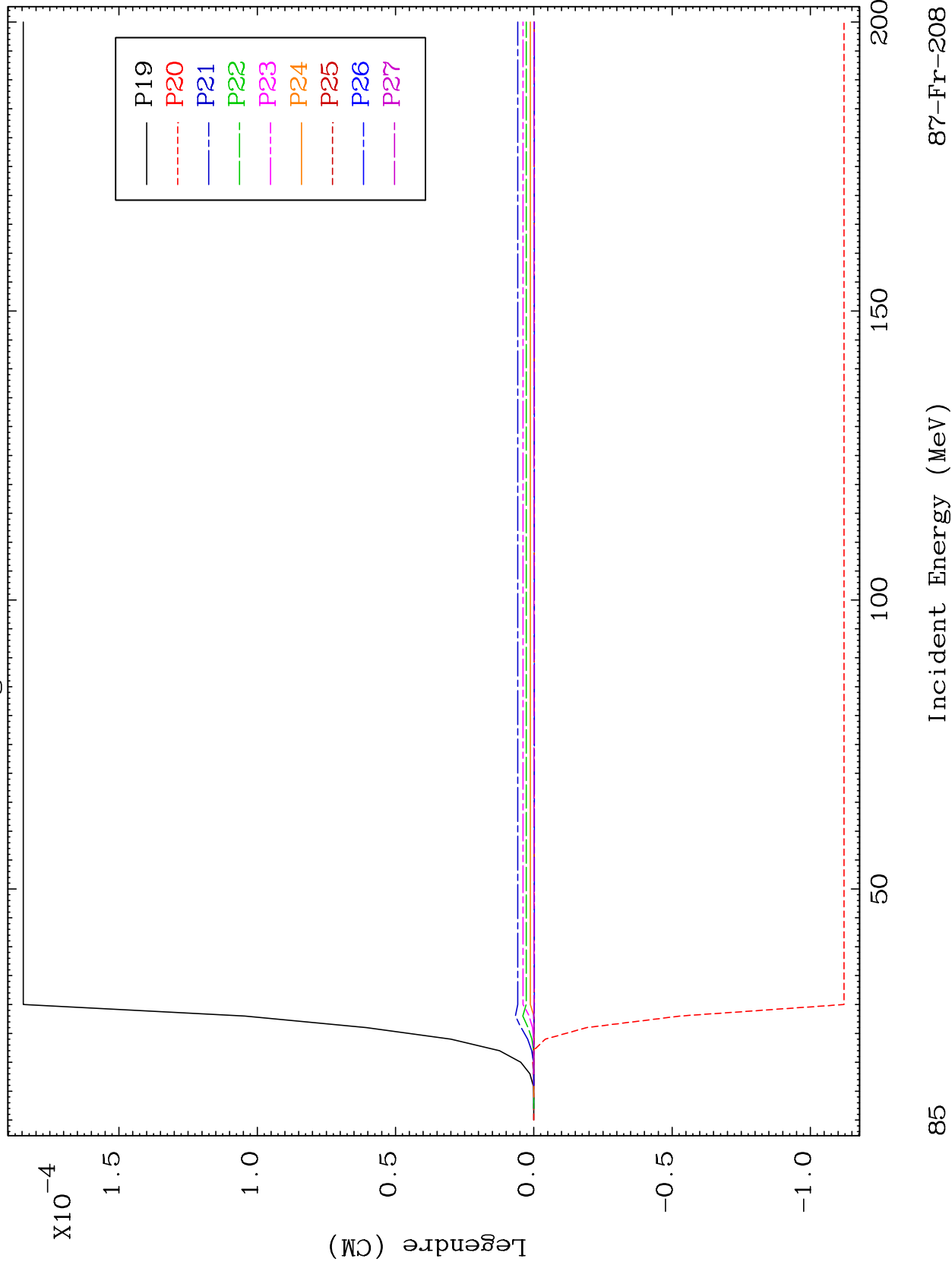
87-Fr-208



MAT 8713

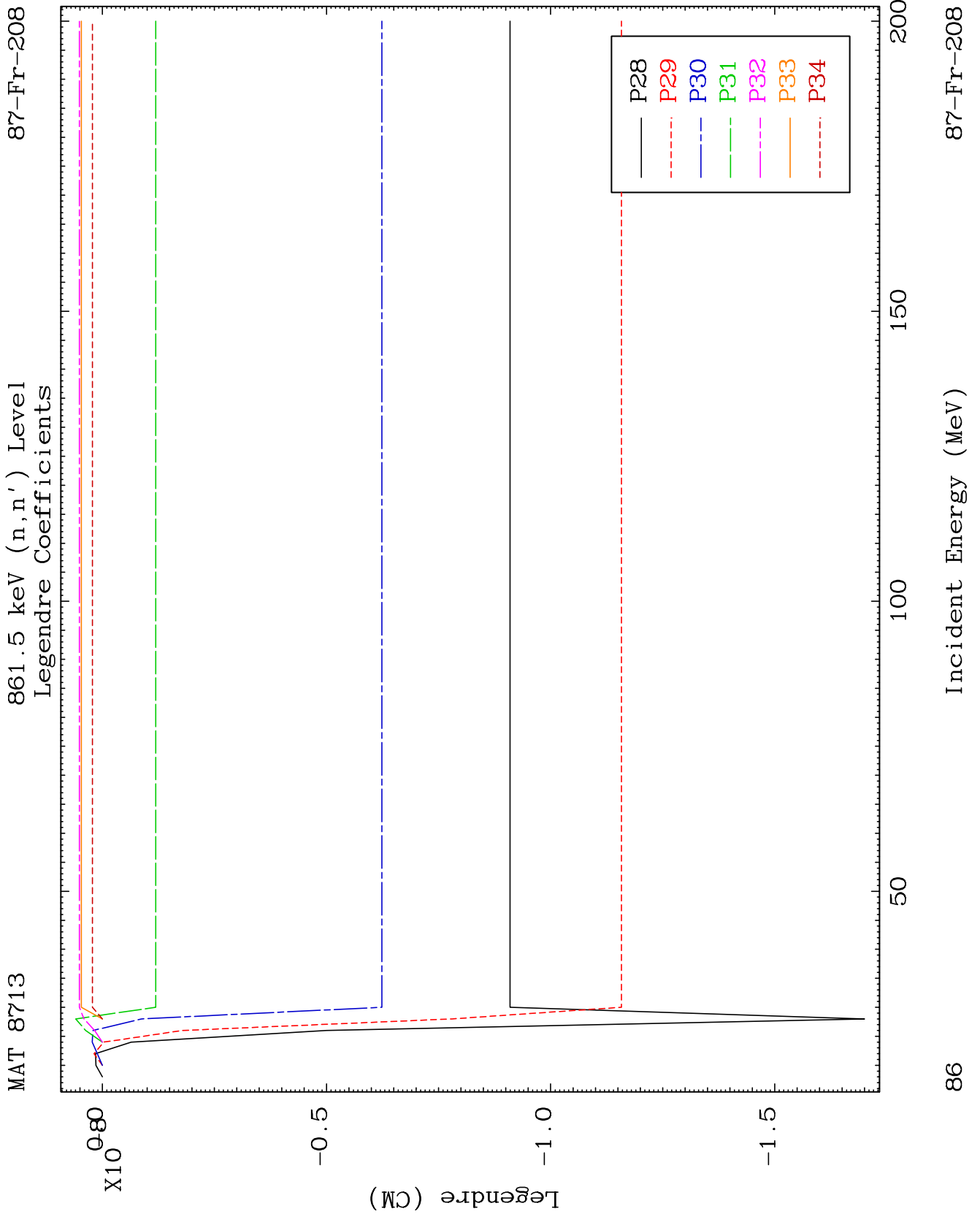
861.5 keV (n,n') Level
Legendre Coefficients

87-Fr-208



85

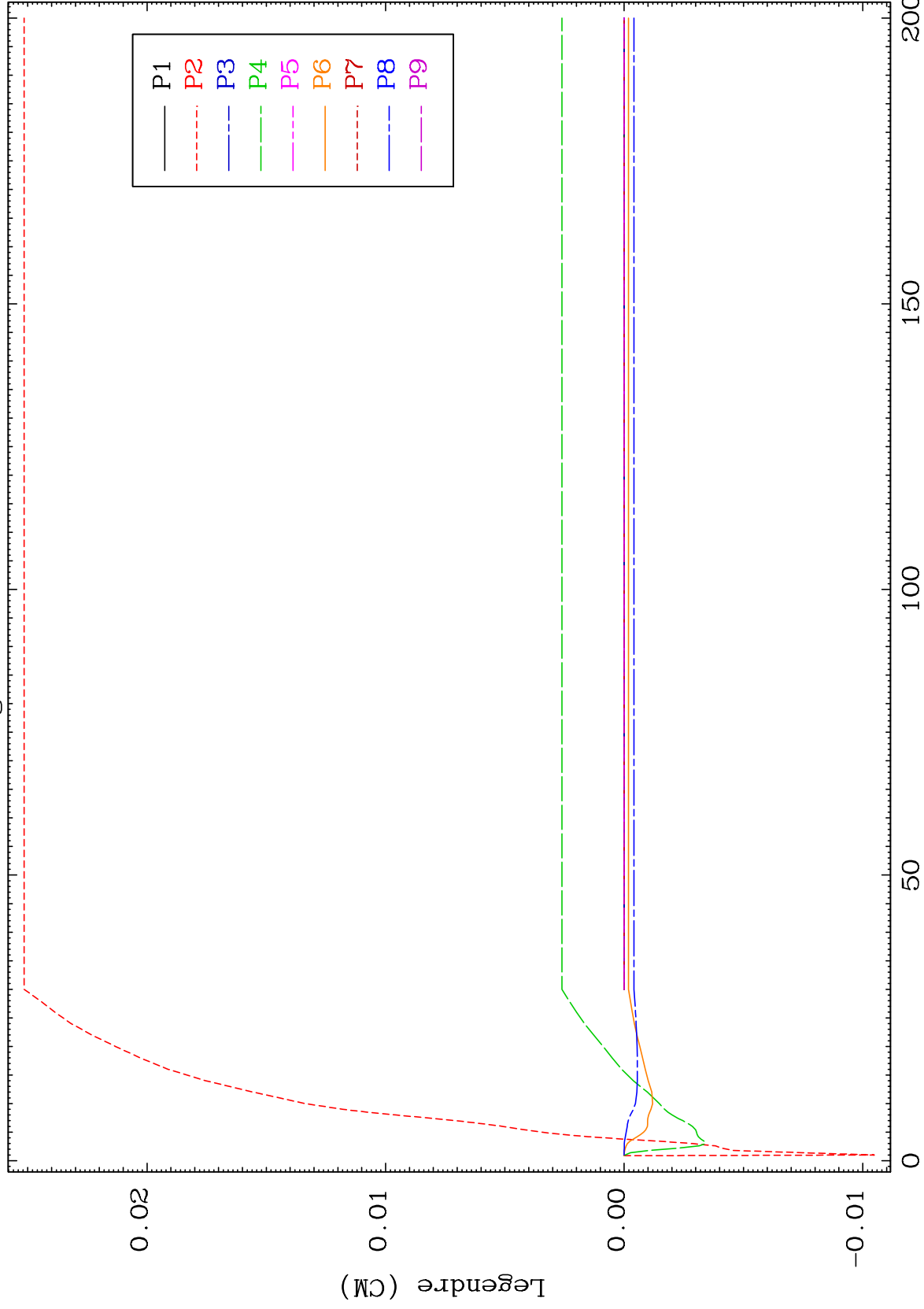
87-Fr-208



MAT 8713

862.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87

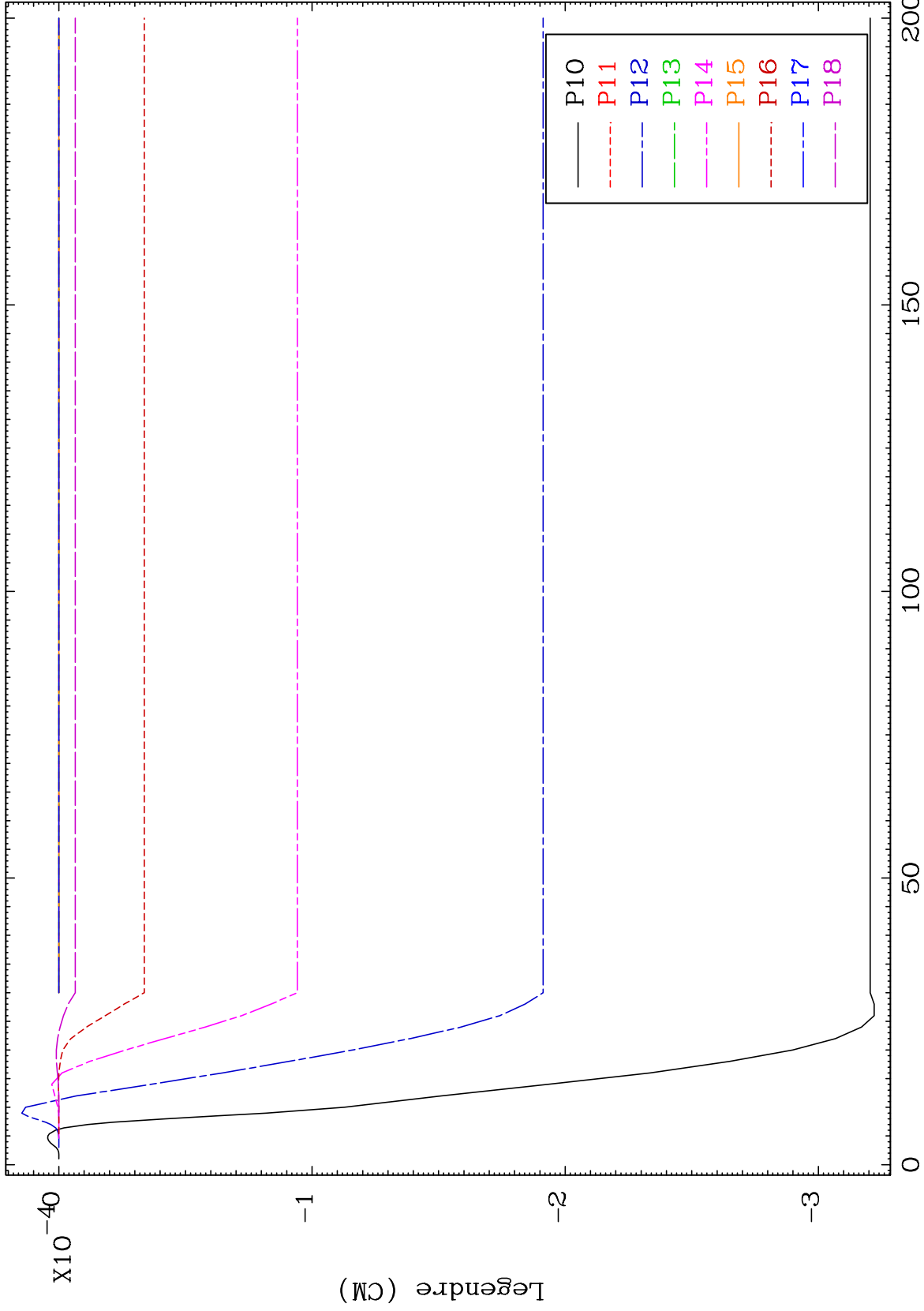
Incident Energy (MeV)

87-Fr-208

MAT 8713

862.4 keV (n,n') Level
Legendre Coefficients

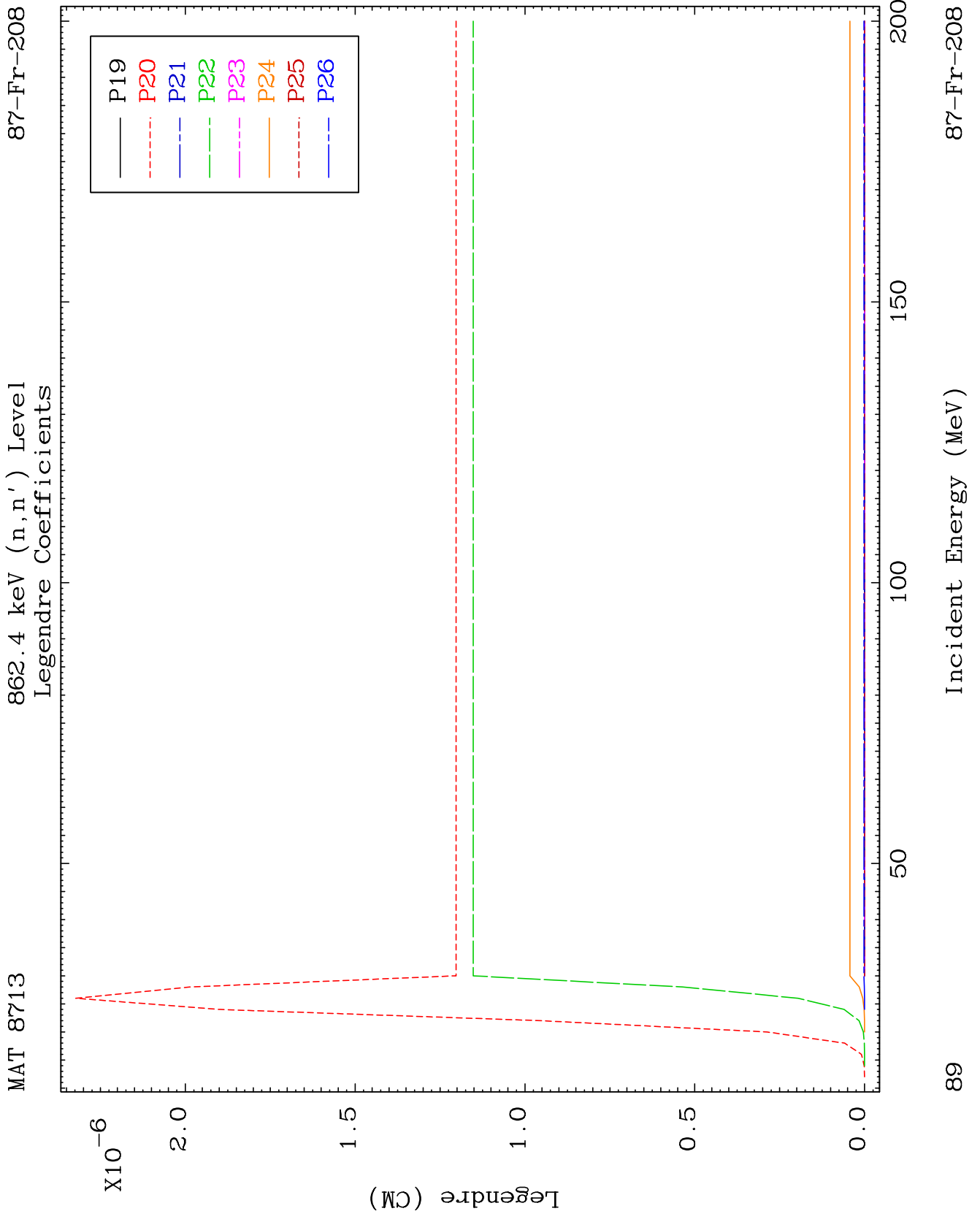
87-Fr-208

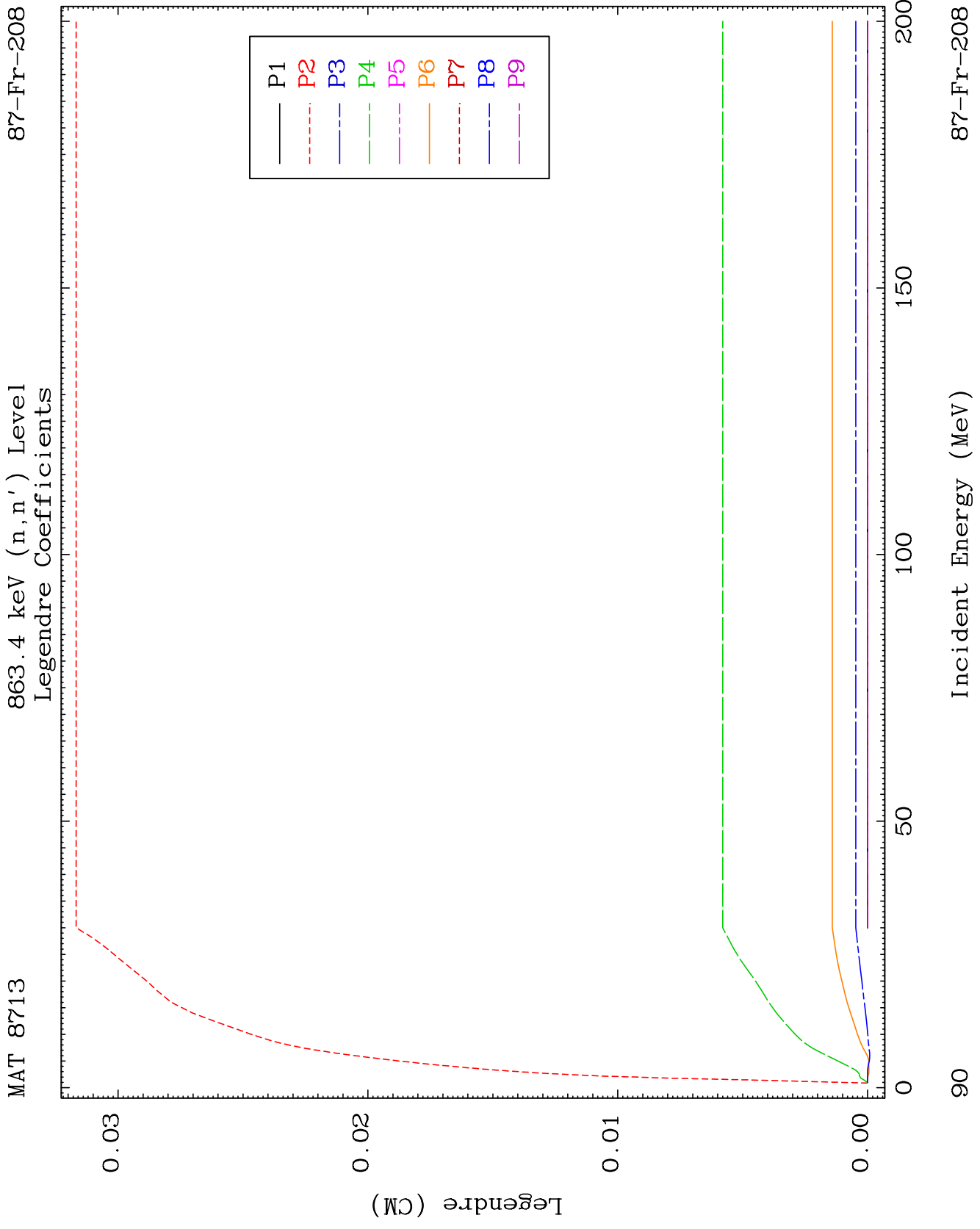


88

Incident Energy (MeV)

87-Fr-208

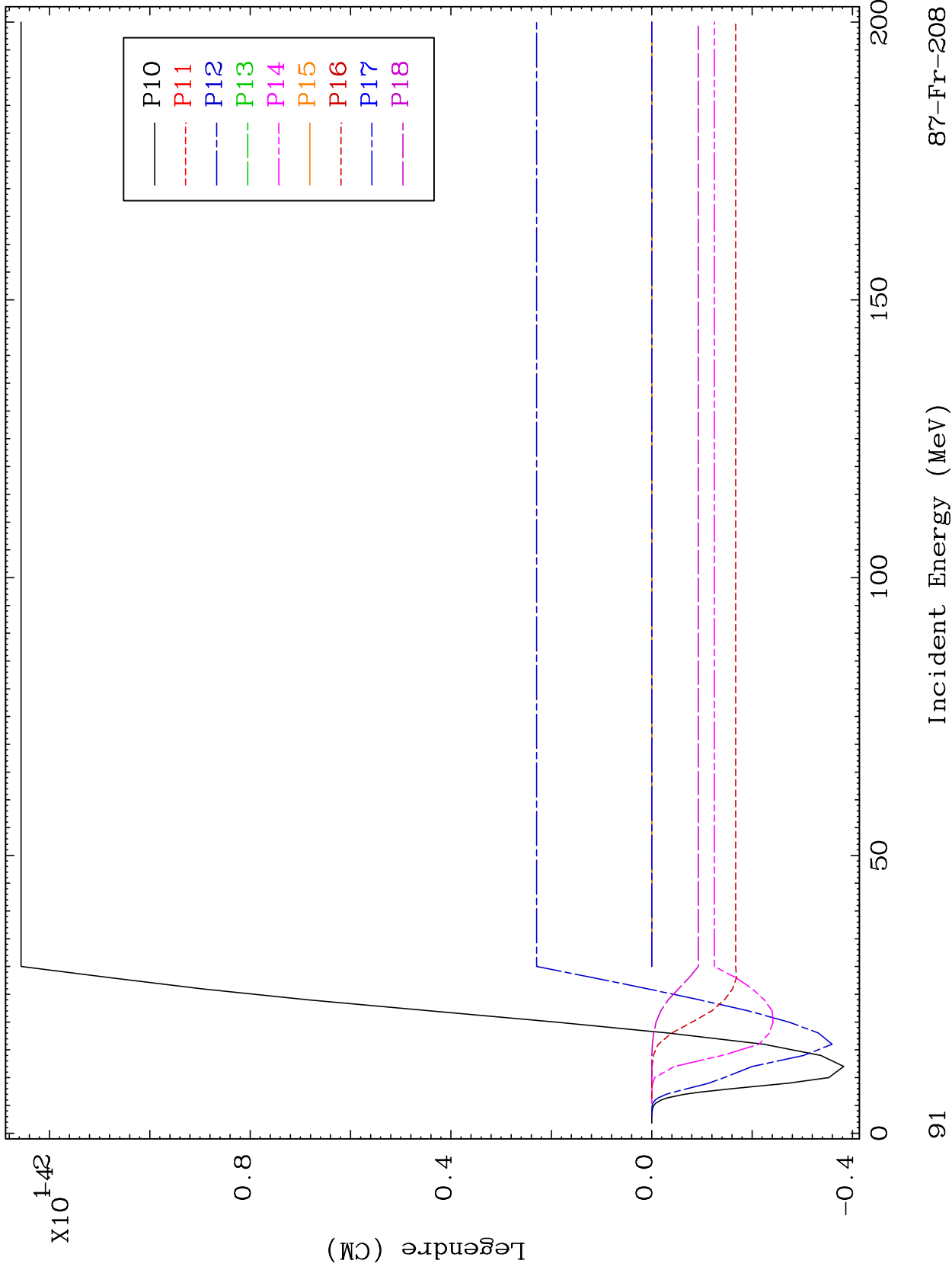




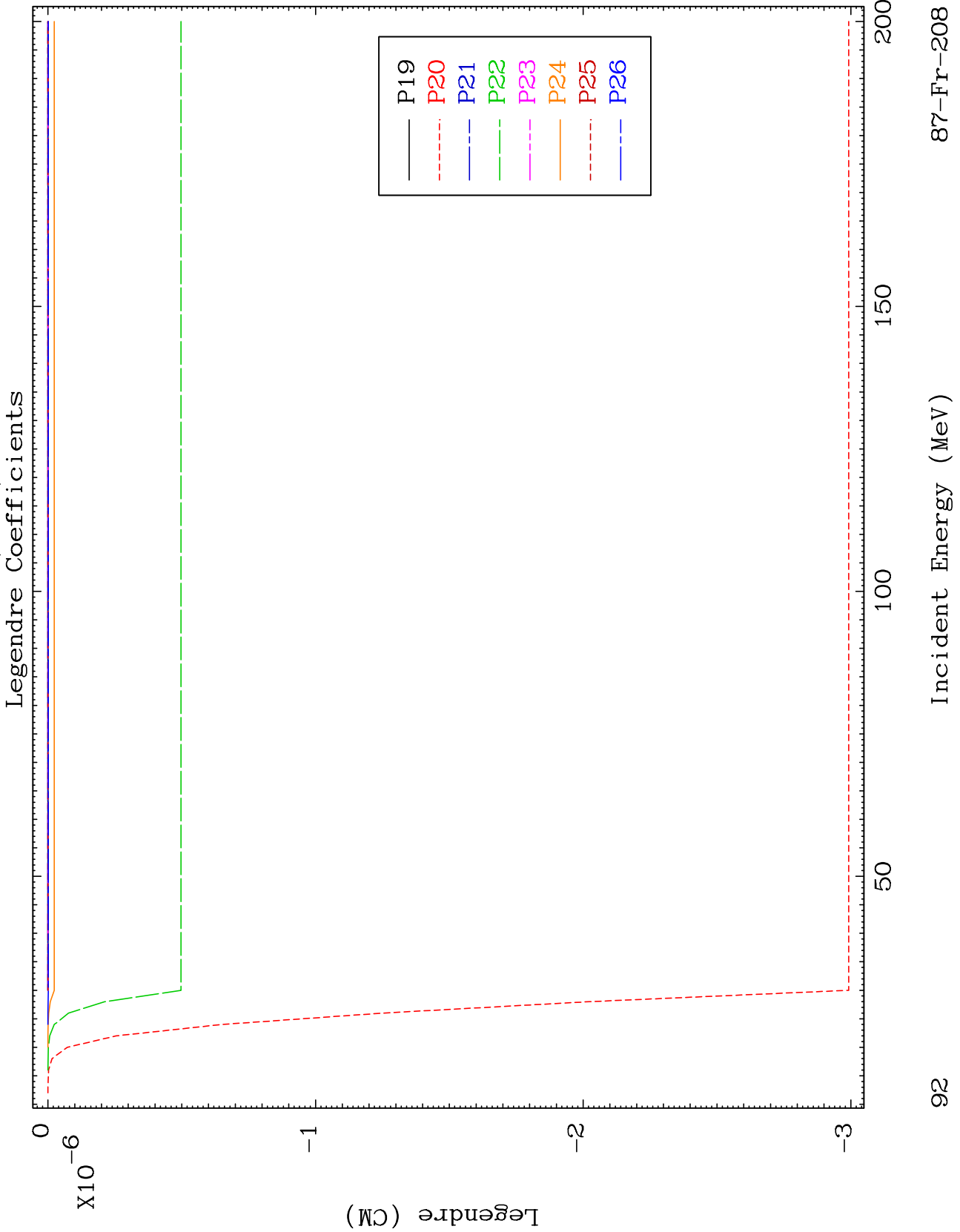
MAT 8713

863.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



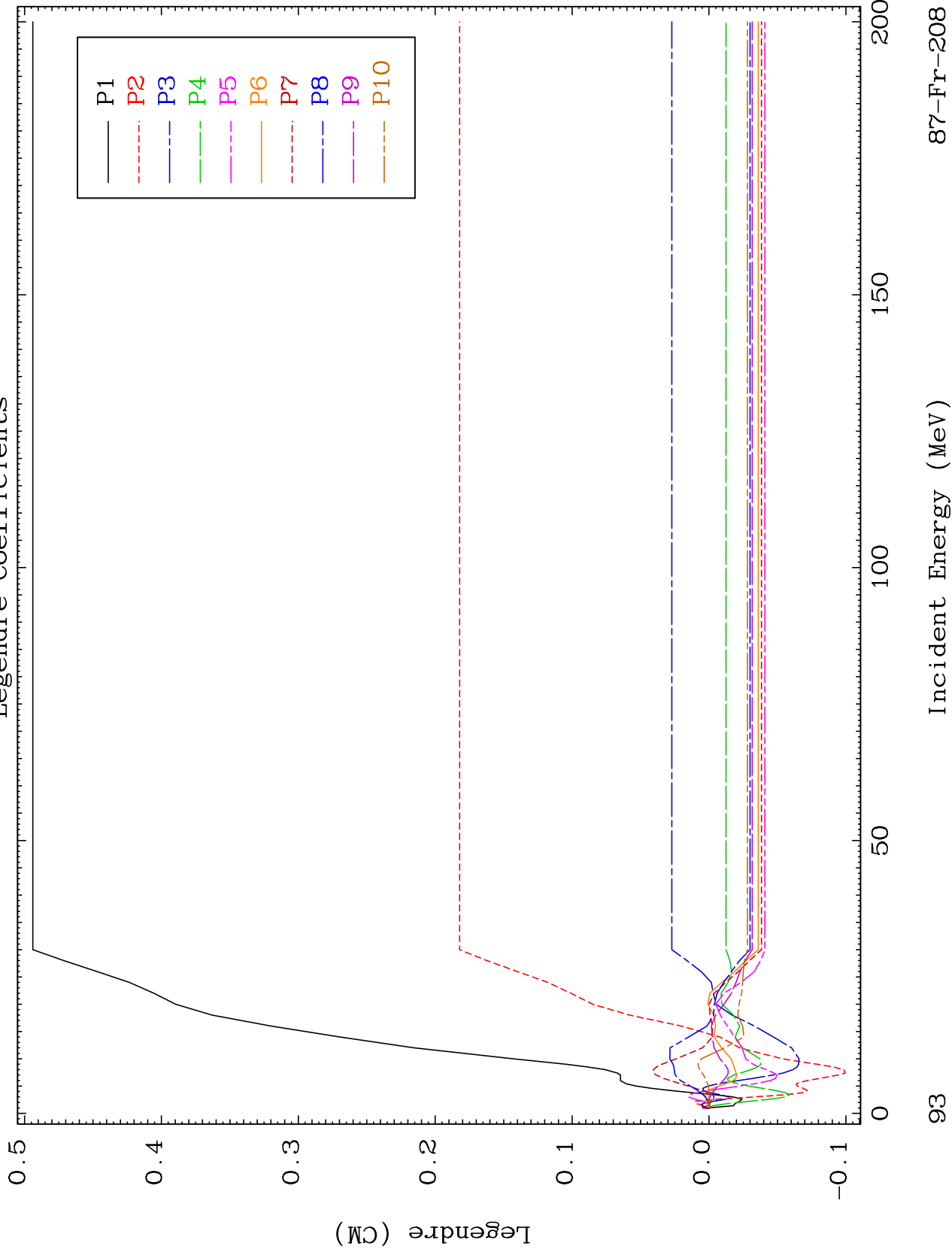
87-Fr-208



MAT 8713

864.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

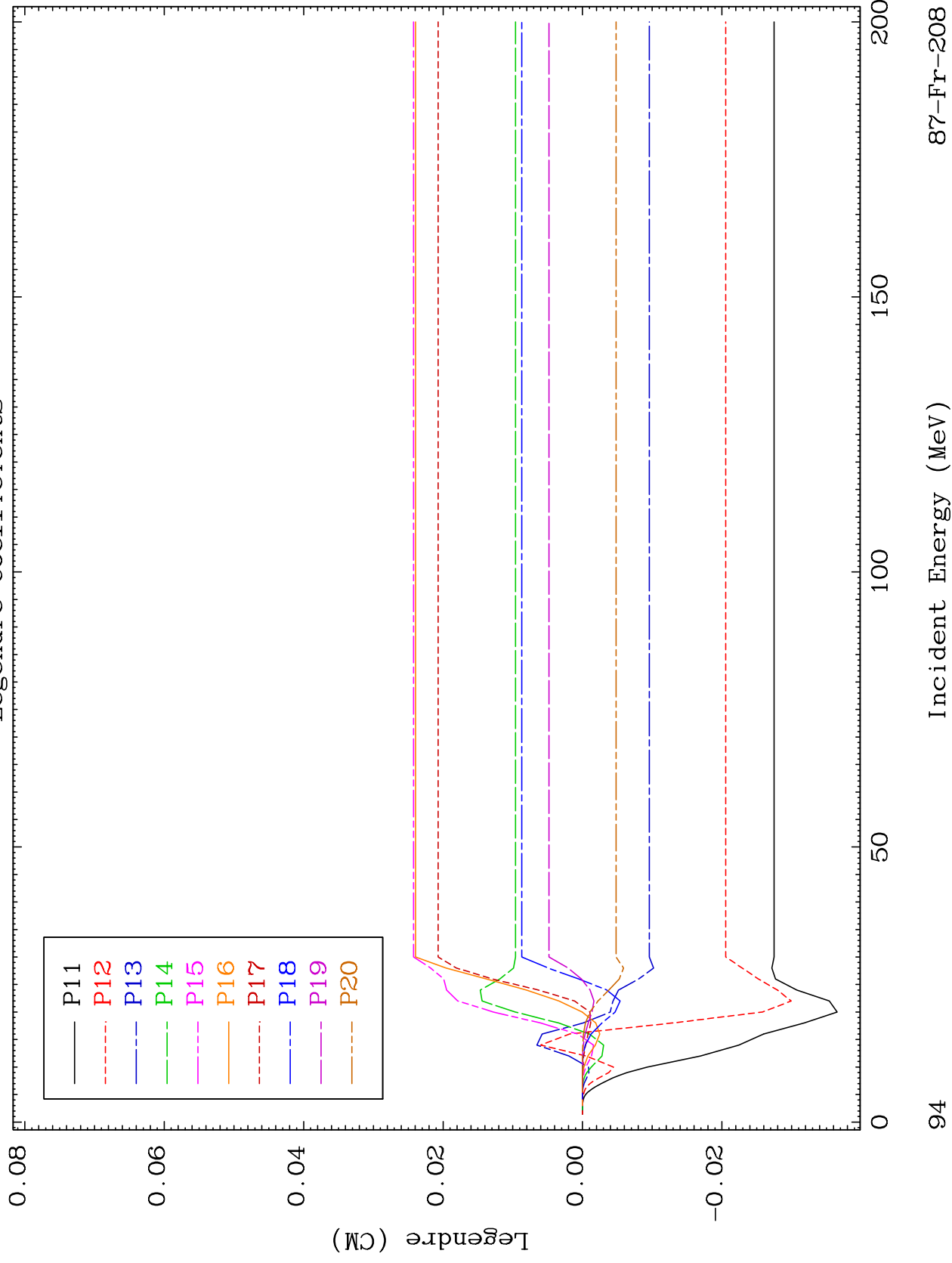
Incident Energy (MeV)

93

MAT 8713

864.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



94

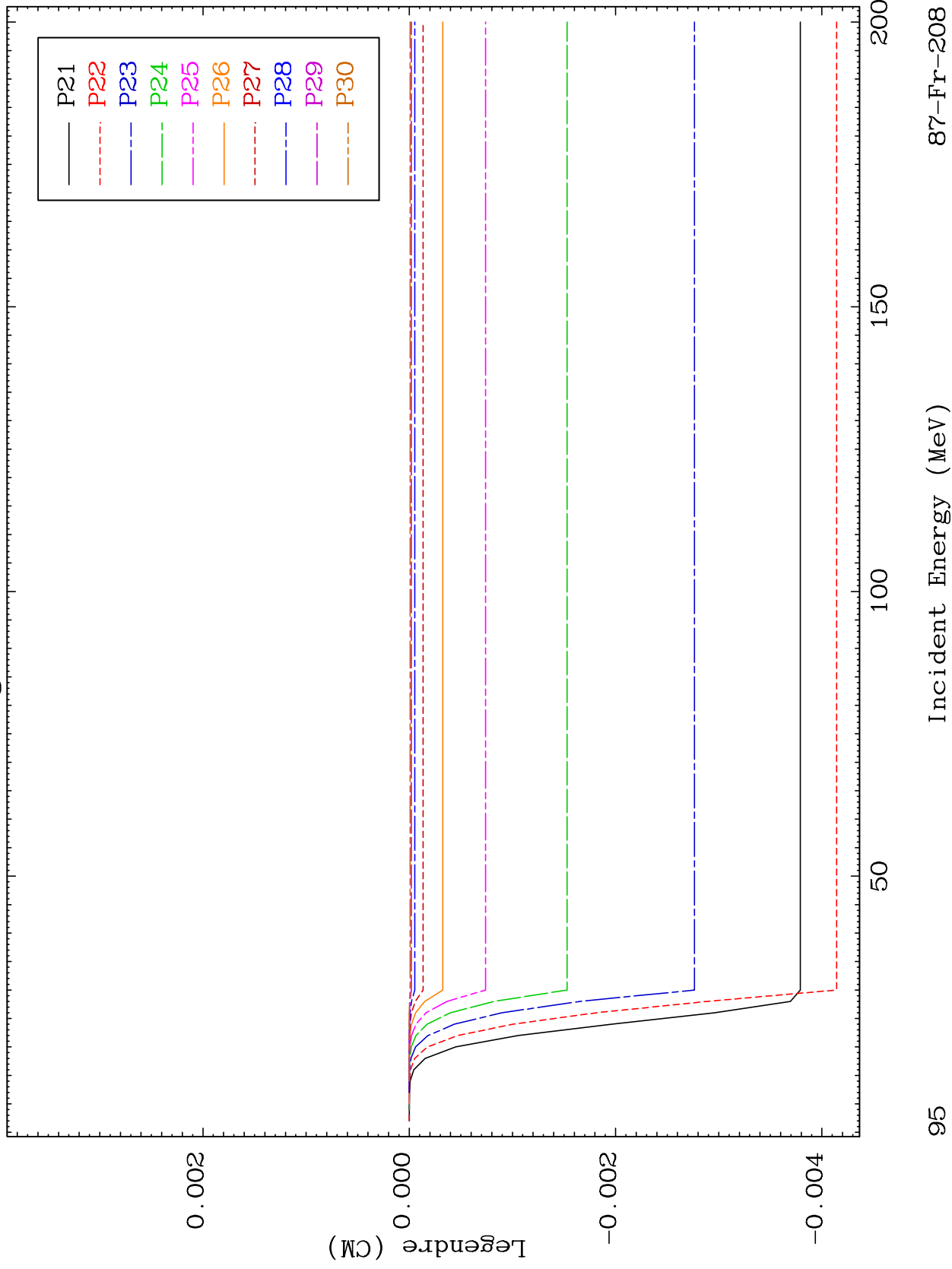
Incident Energy (MeV)

87-Fr-208

MAT 8713

864.4 keV (n,n') Level
Legendre Coefficients

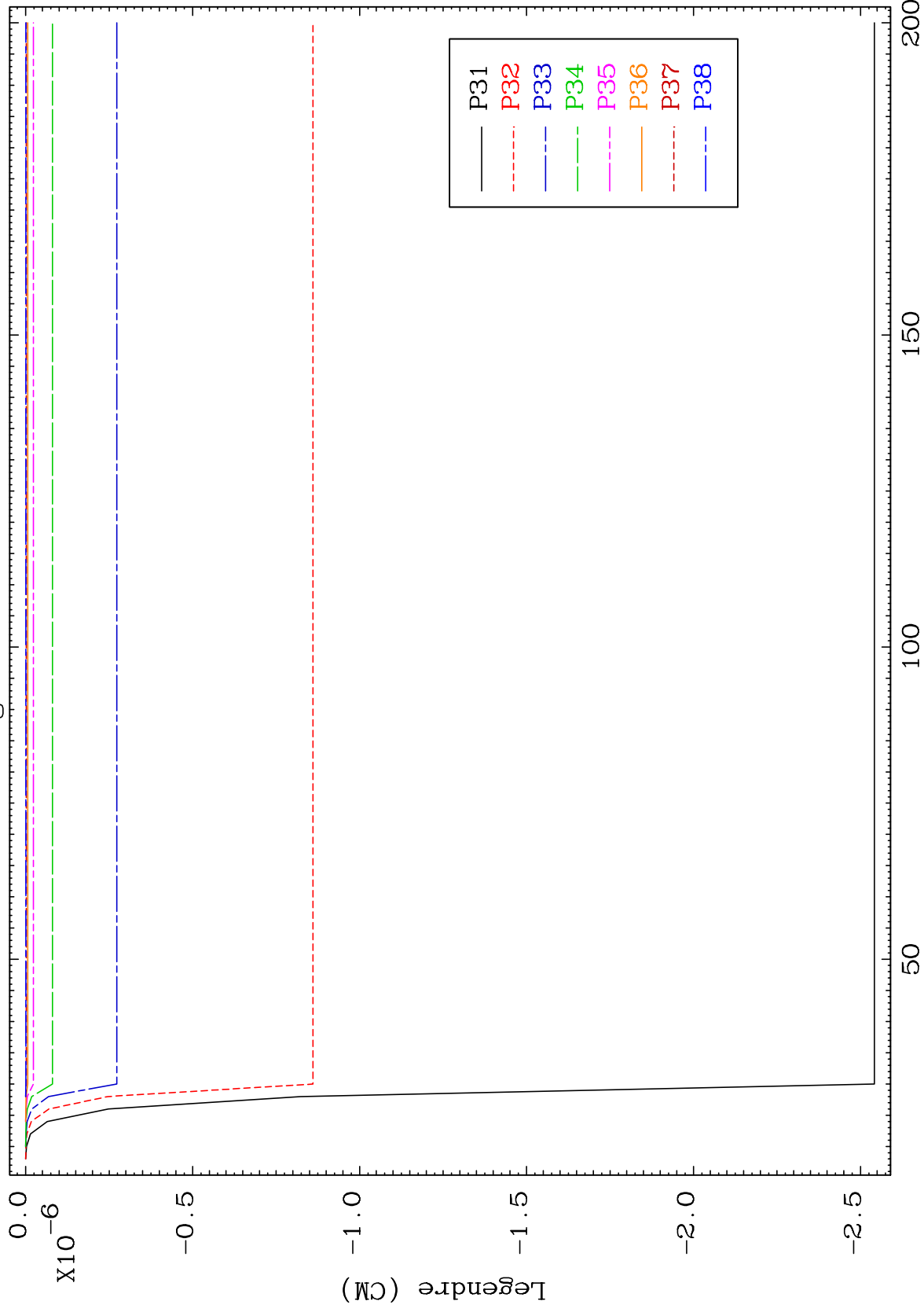
87-Fr-208



MAT 8713

864.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



96

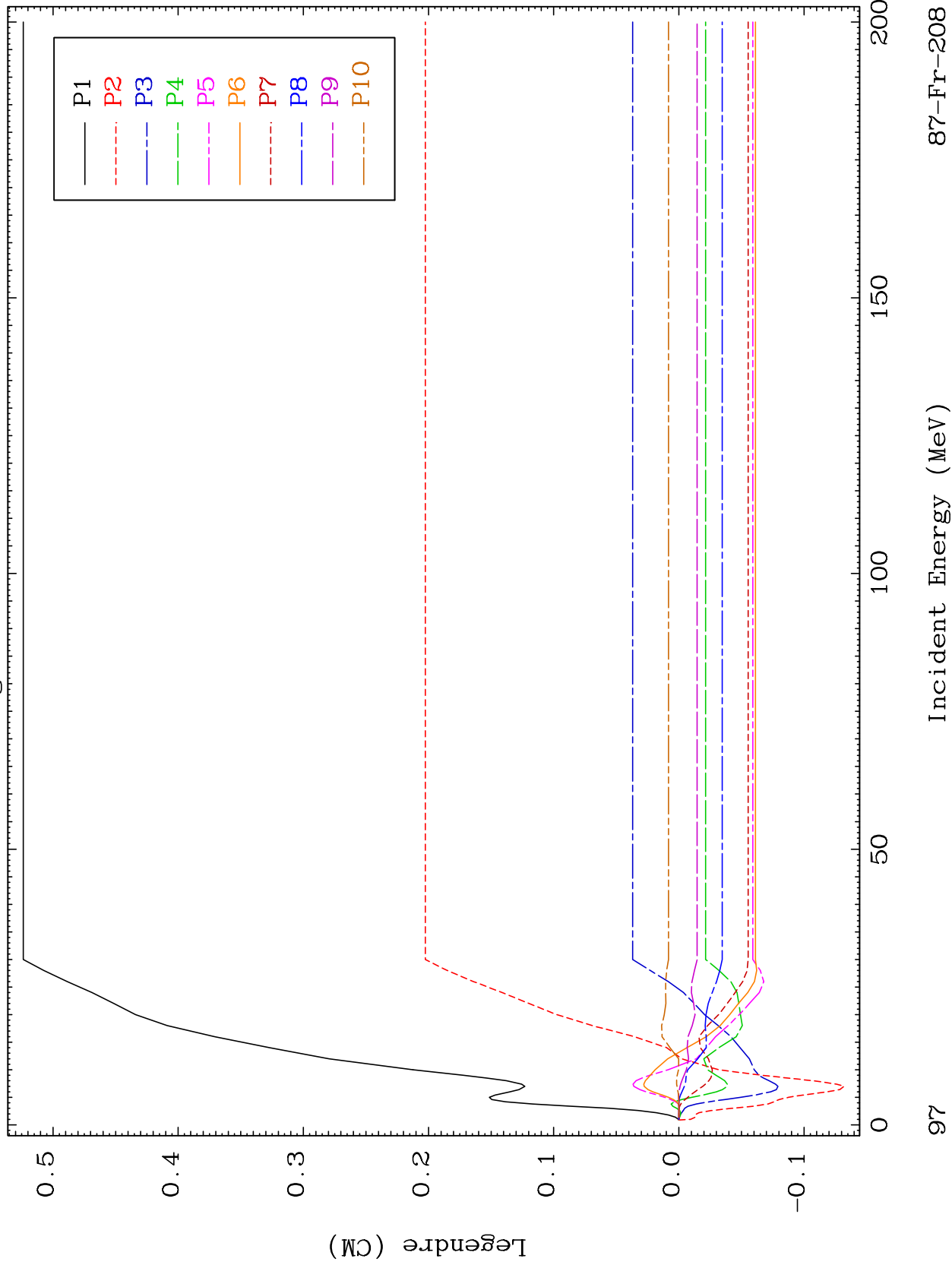
Incident Energy (MeV)

87-Fr-208

MAT 8713

867.0 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

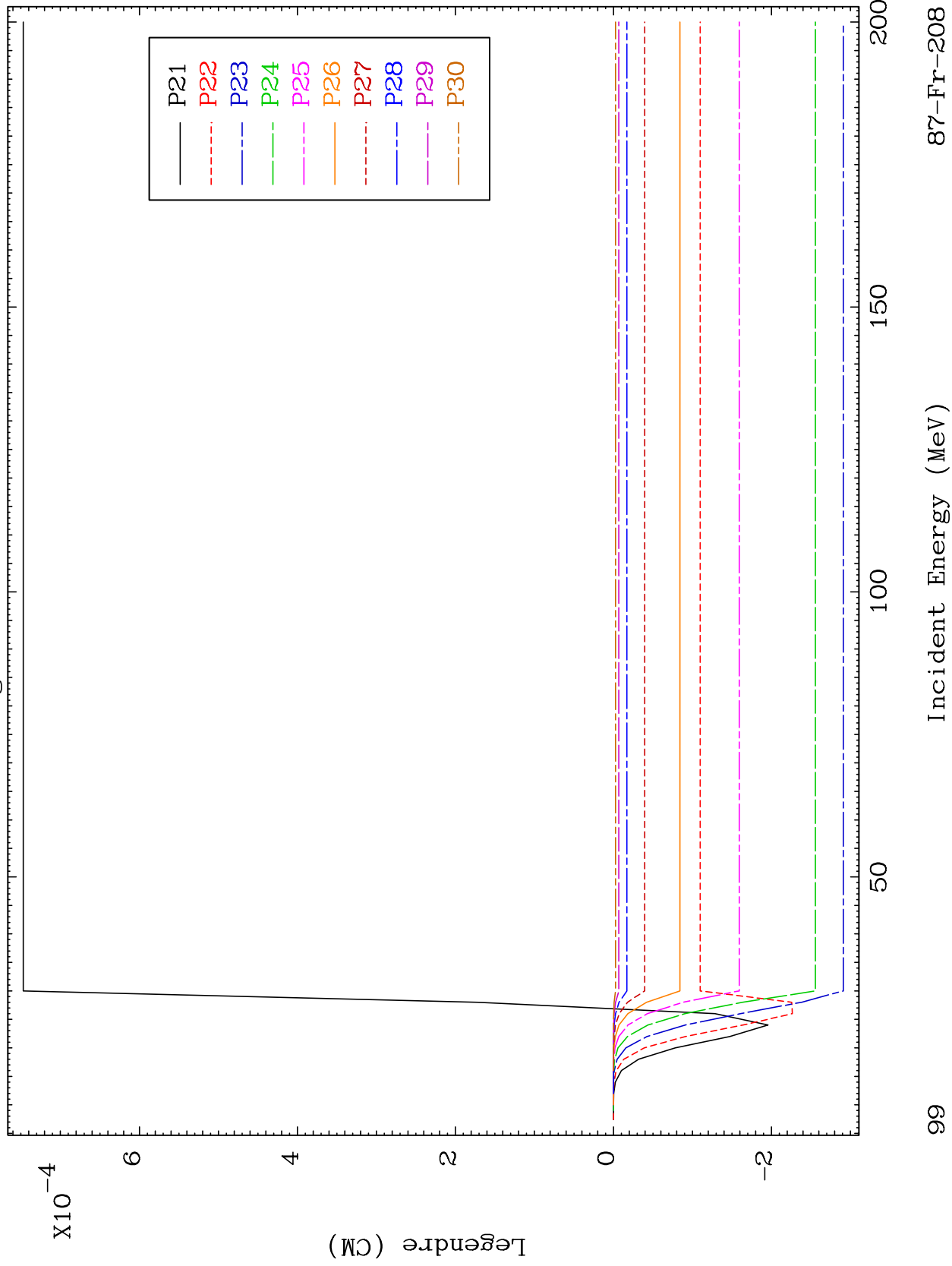
Incident Energy (MeV)

97

MAT 8713

867.0 keV (n,n') Level
Legendre Coefficients

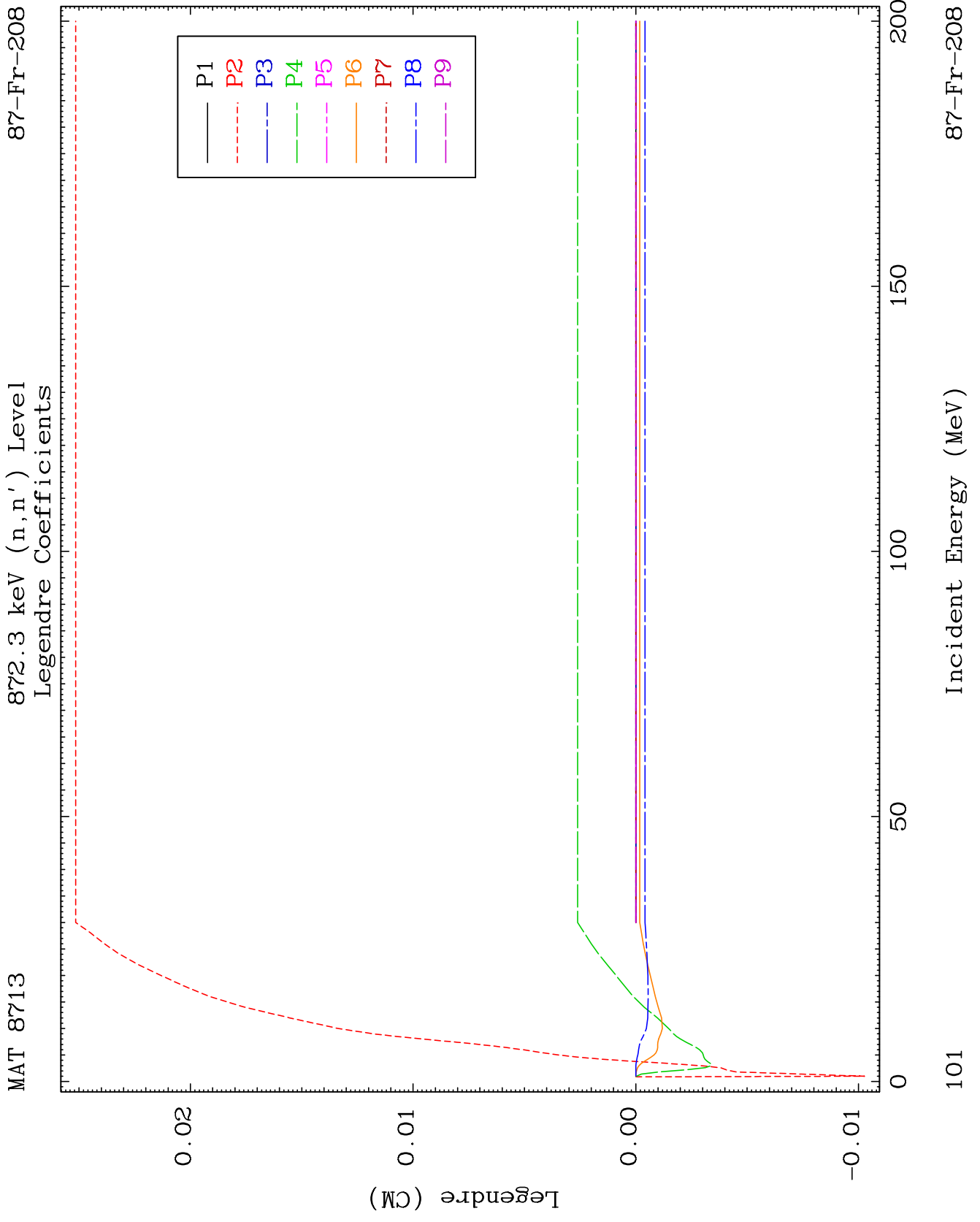
87-Fr-208



99

Incident Energy (MeV)

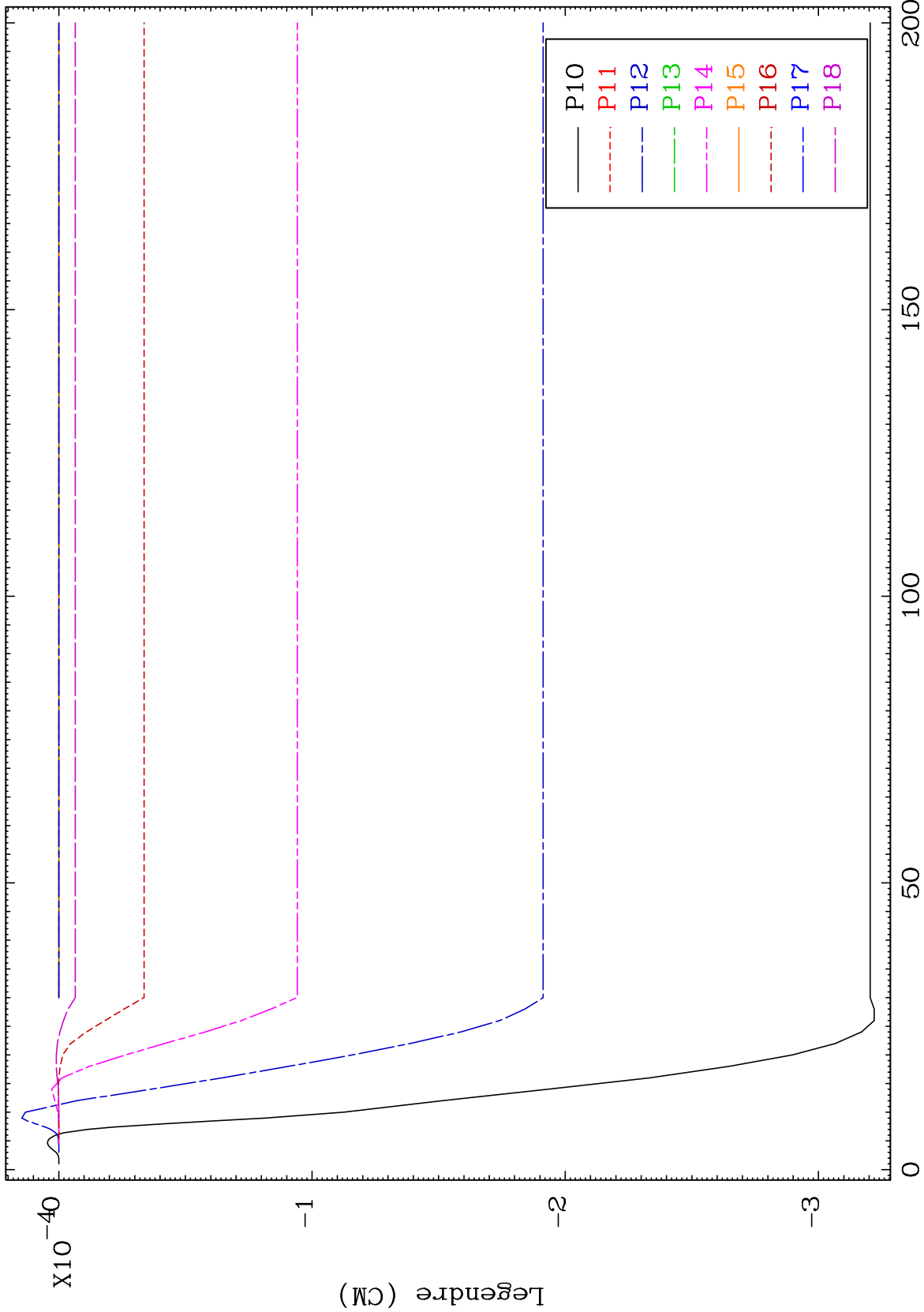
87-Fr-208



MAT 8713

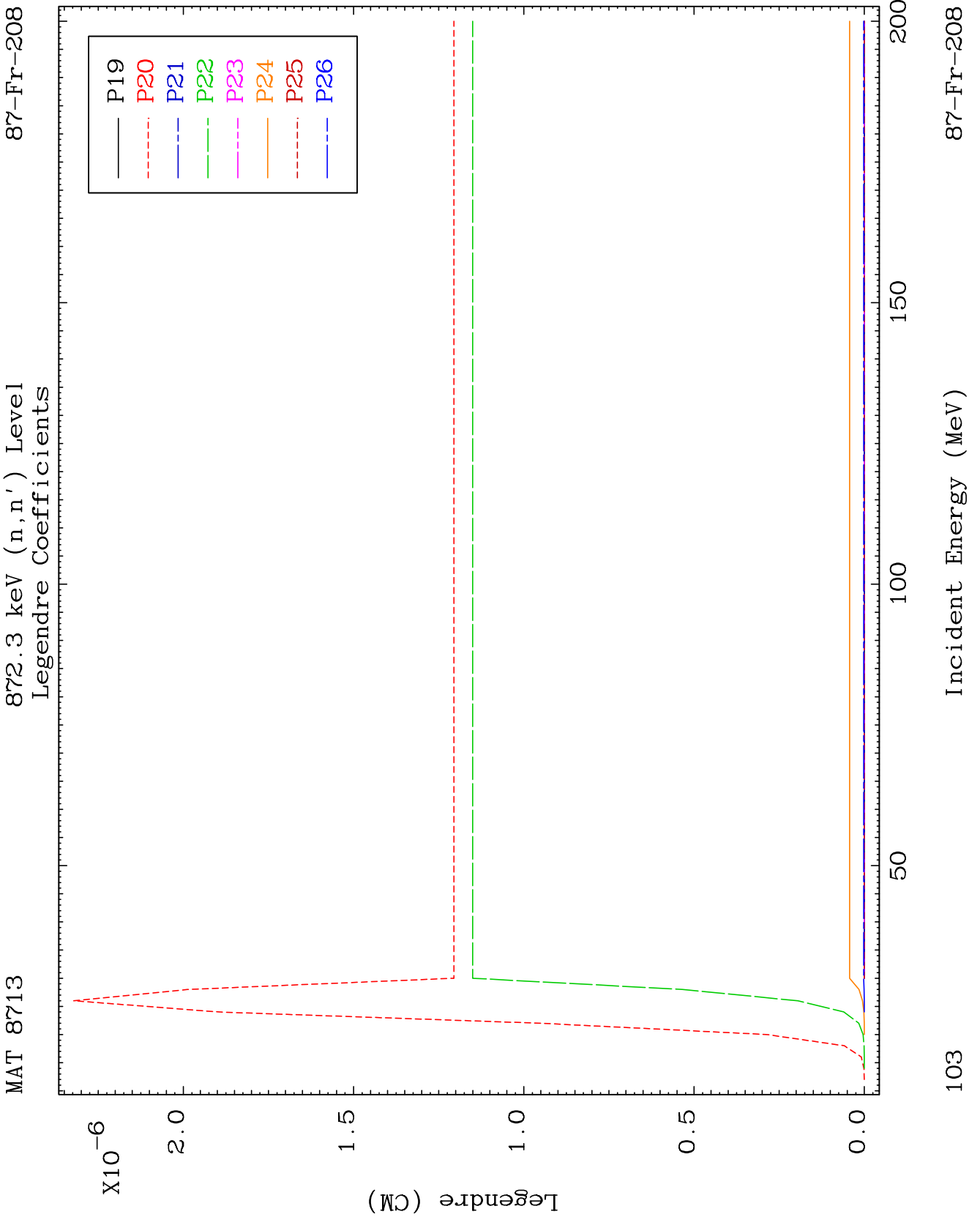
872.3 keV (n,n') Level
Legendre Coefficients

87-Fr-208



102

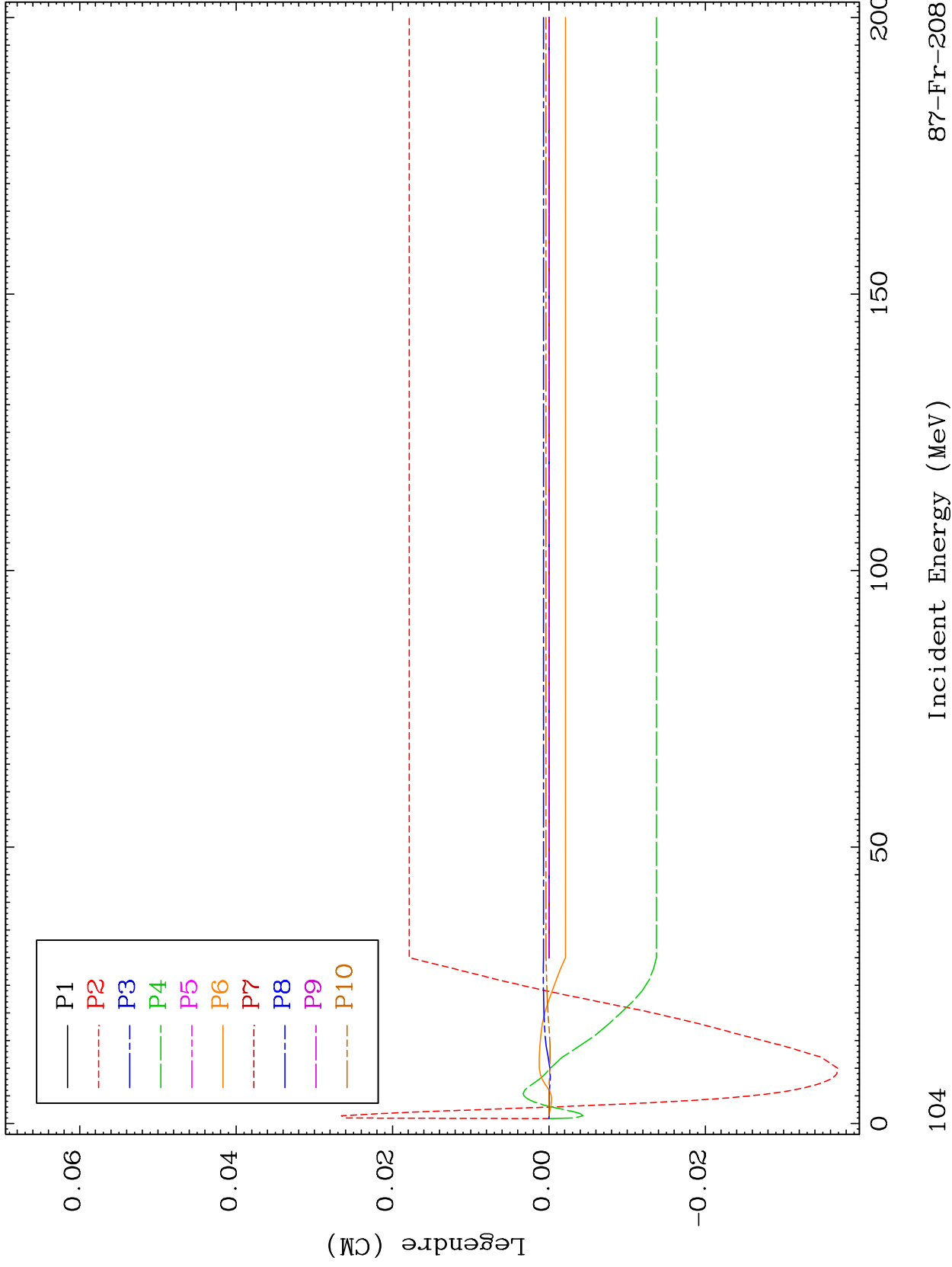
87-Fr-208



MAT 8713

874.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



87-Fr-208

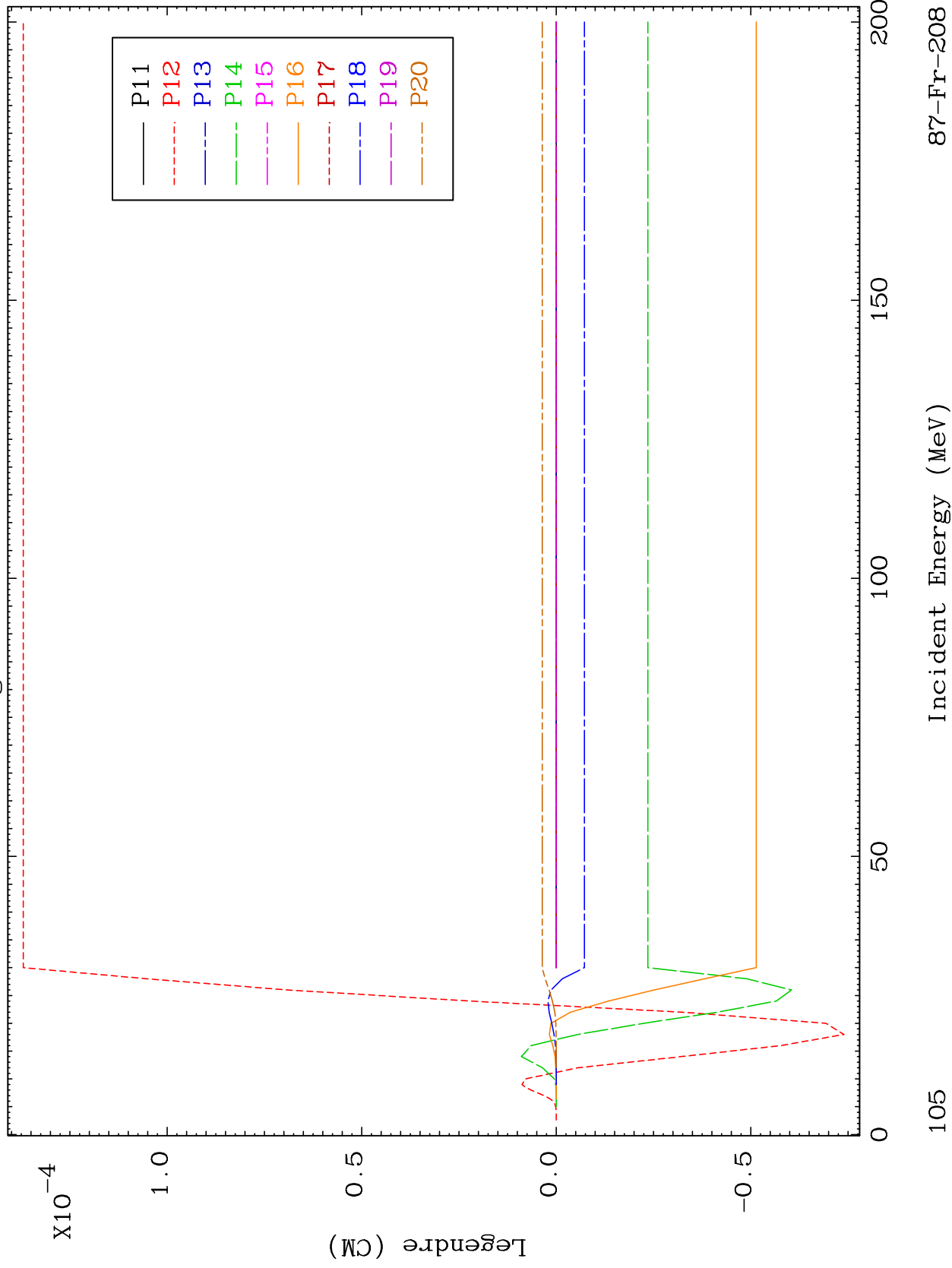
Incident Energy (MeV)

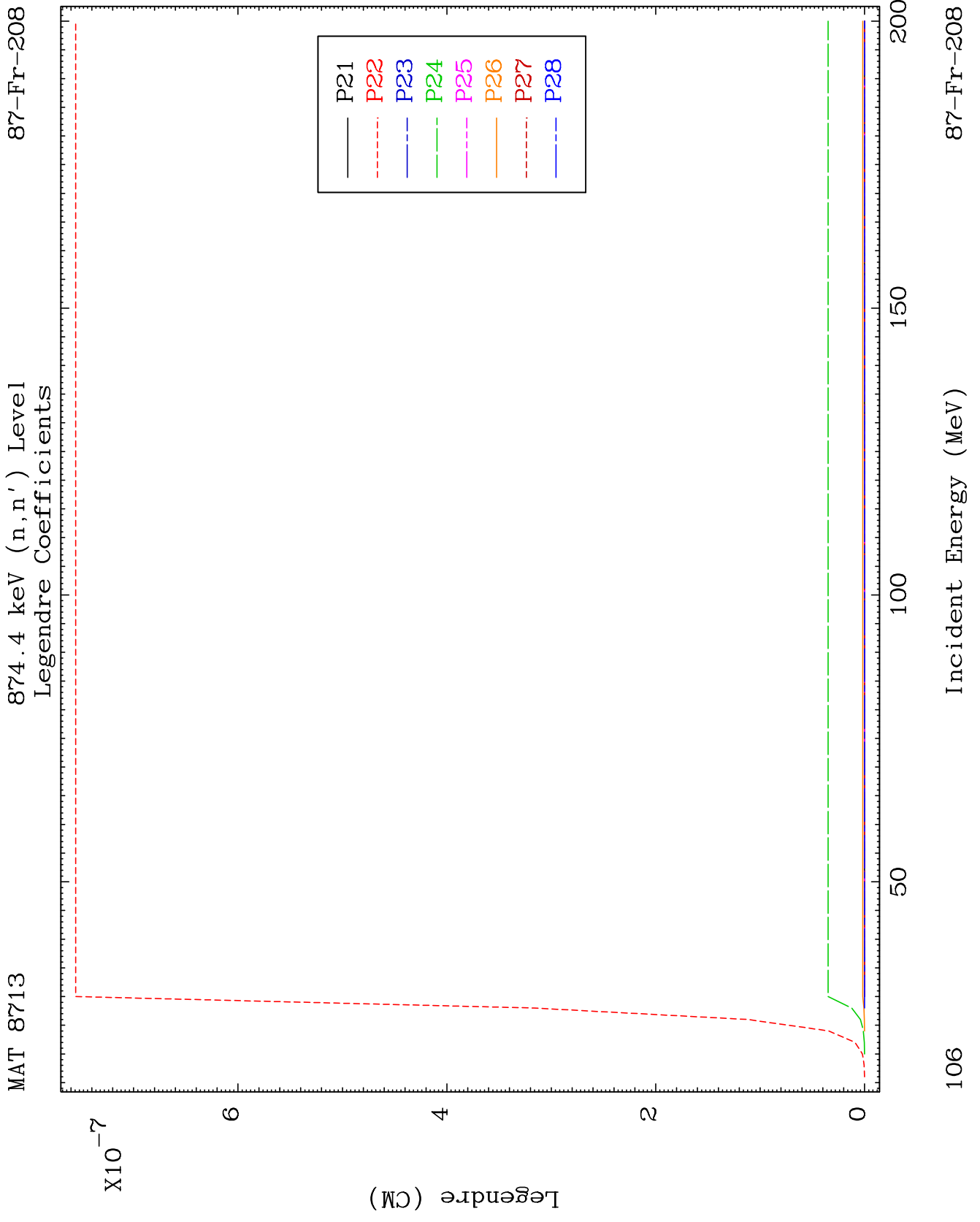
104

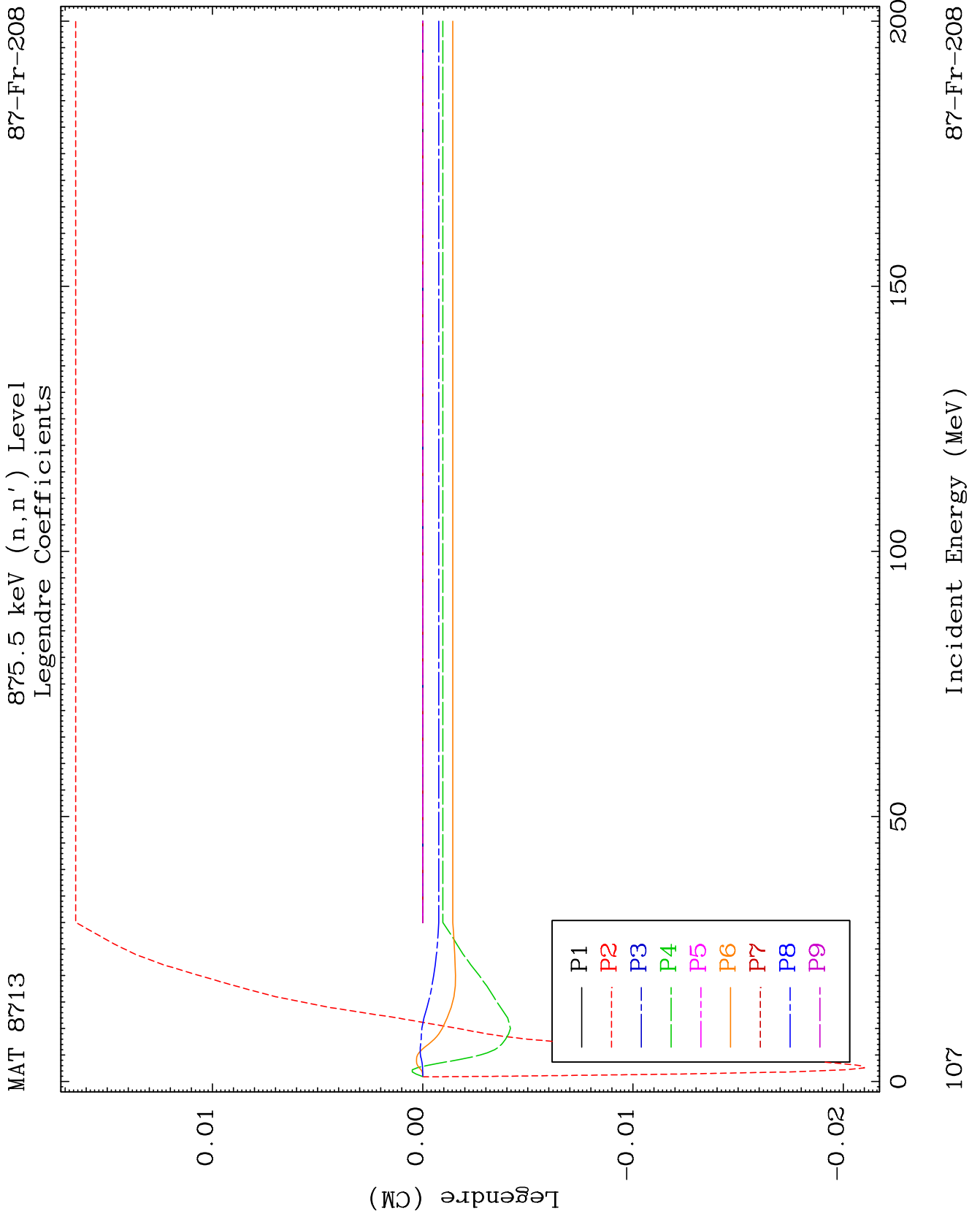
MAT 8713

874.4 keV (n,n') Level
Legendre Coefficients

87-Fr-208



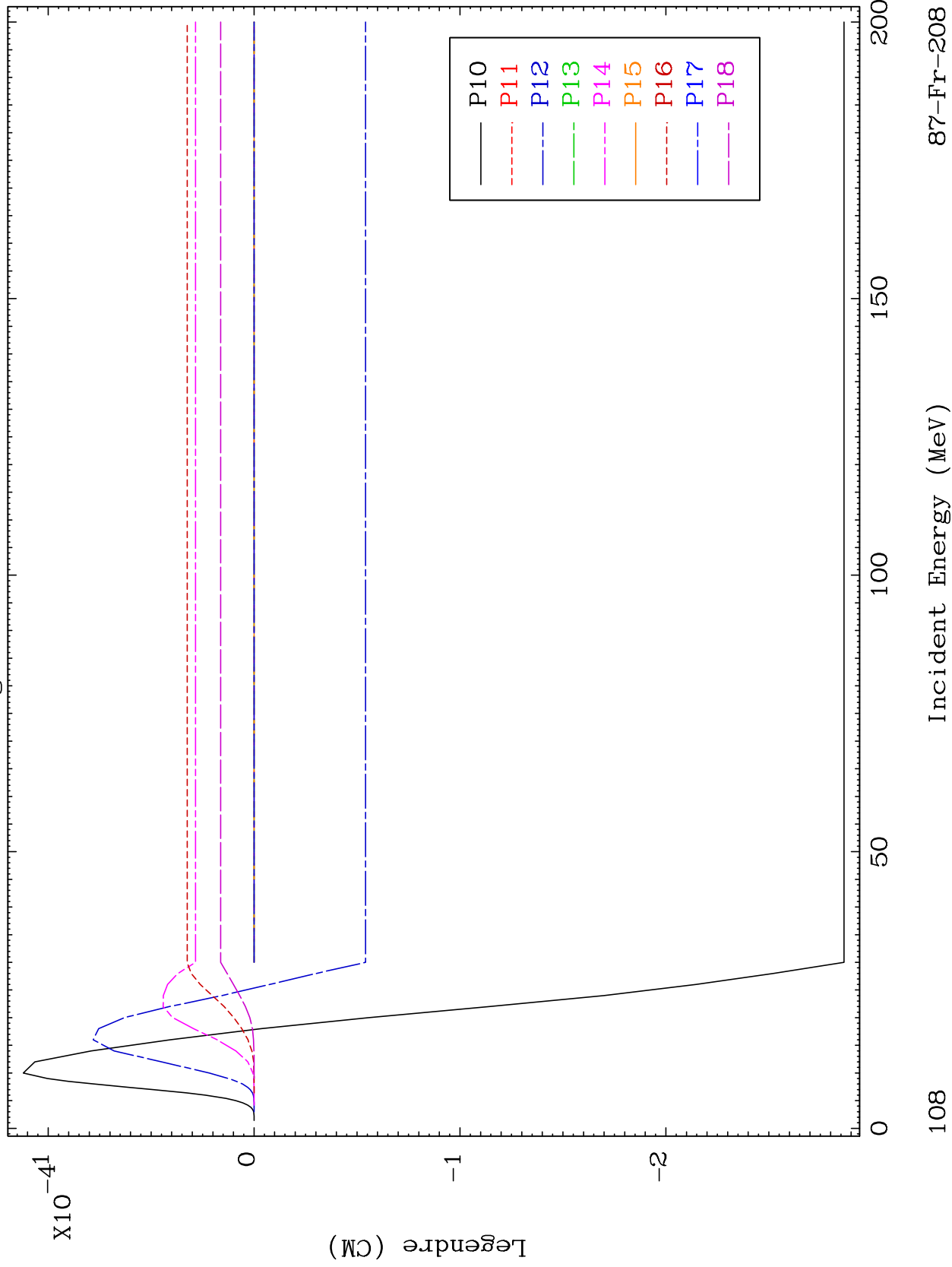




MAT 8713

875.5 keV (n,n') Level
Legendre Coefficients

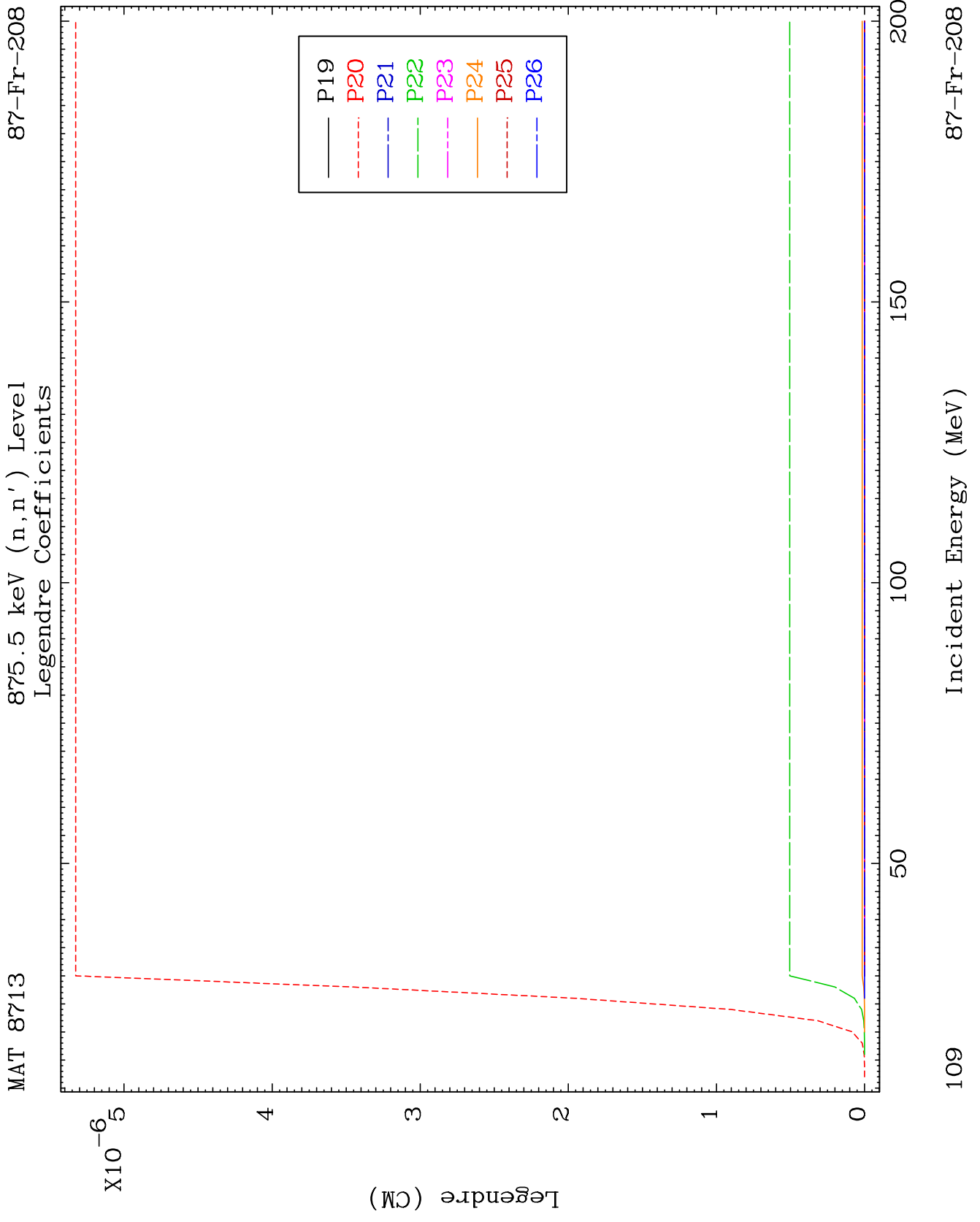
87-Fr-208

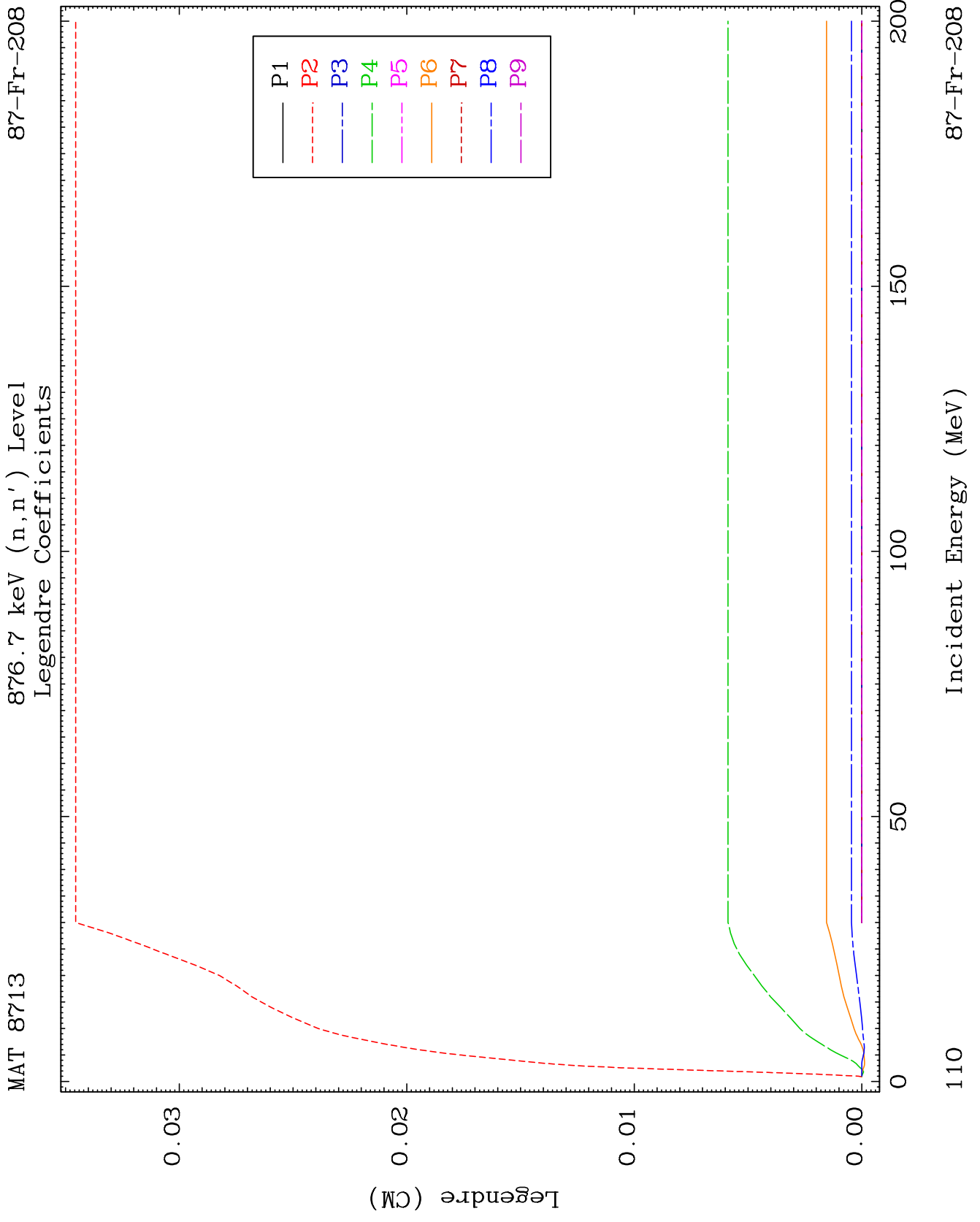


87-Fr-208

Incident Energy (MeV)

108

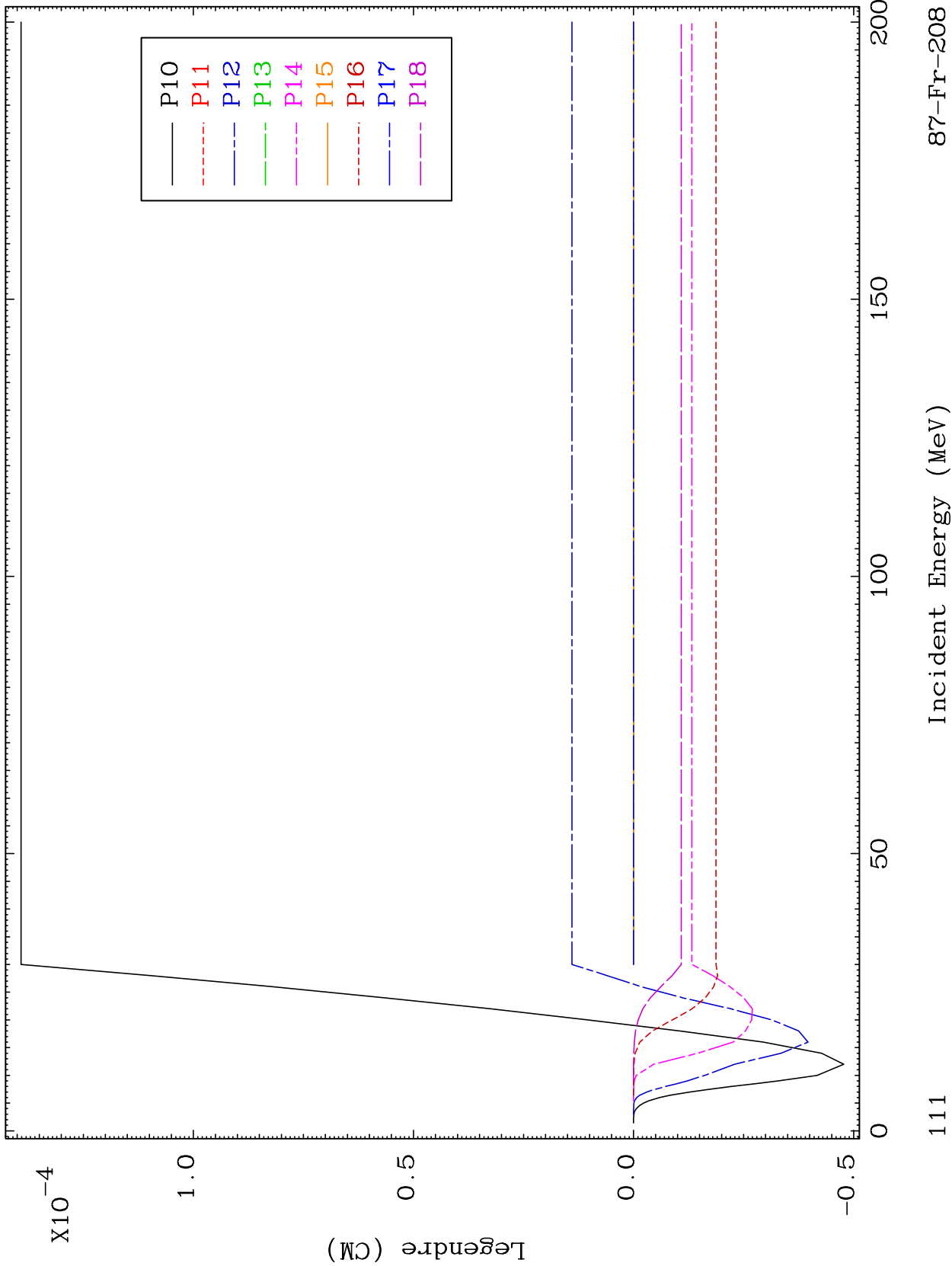




MAT 8713

876.7 keV (n,n') Level
Legendre Coefficients

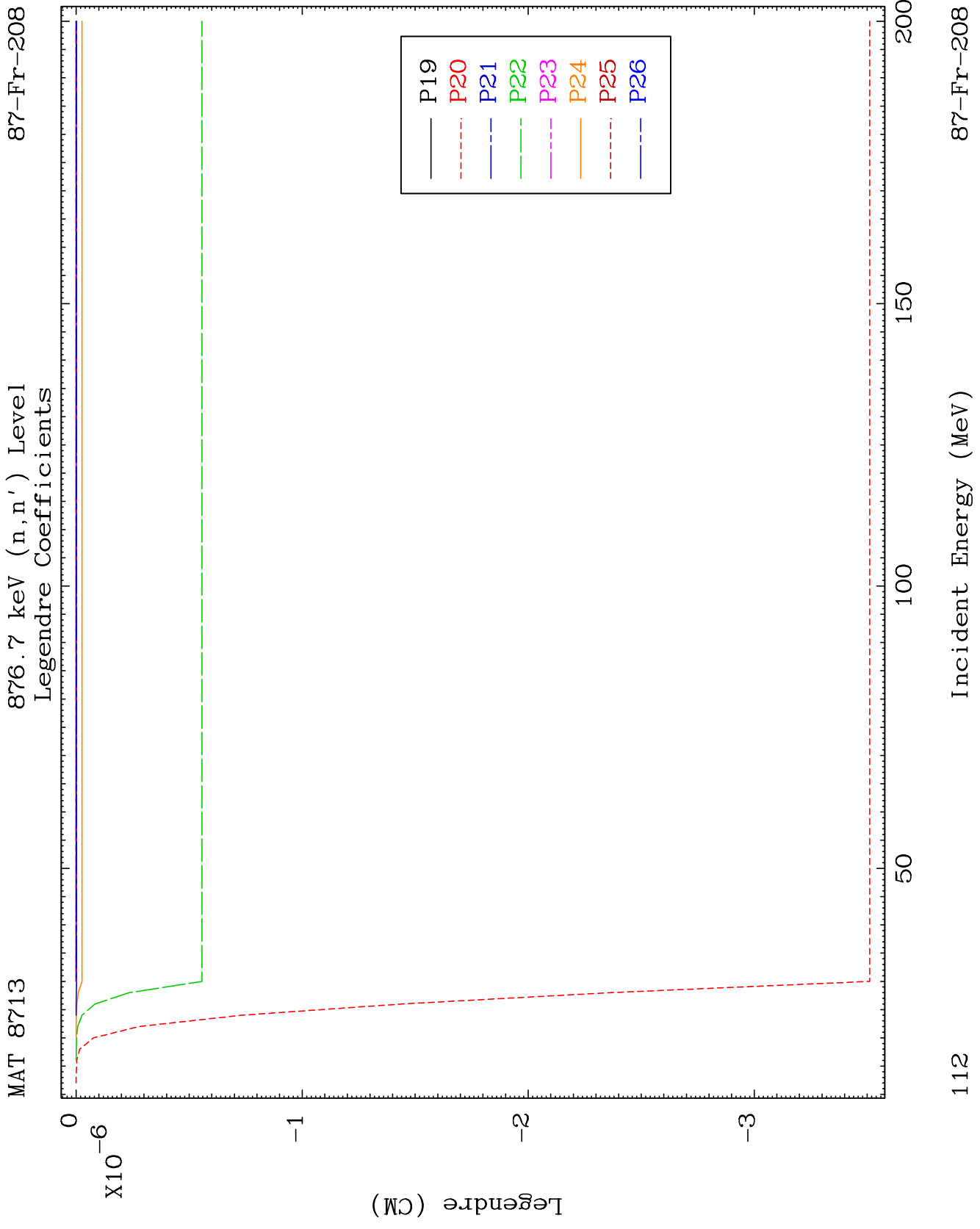
87-Fr-208



111

Incident Energy (MeV)

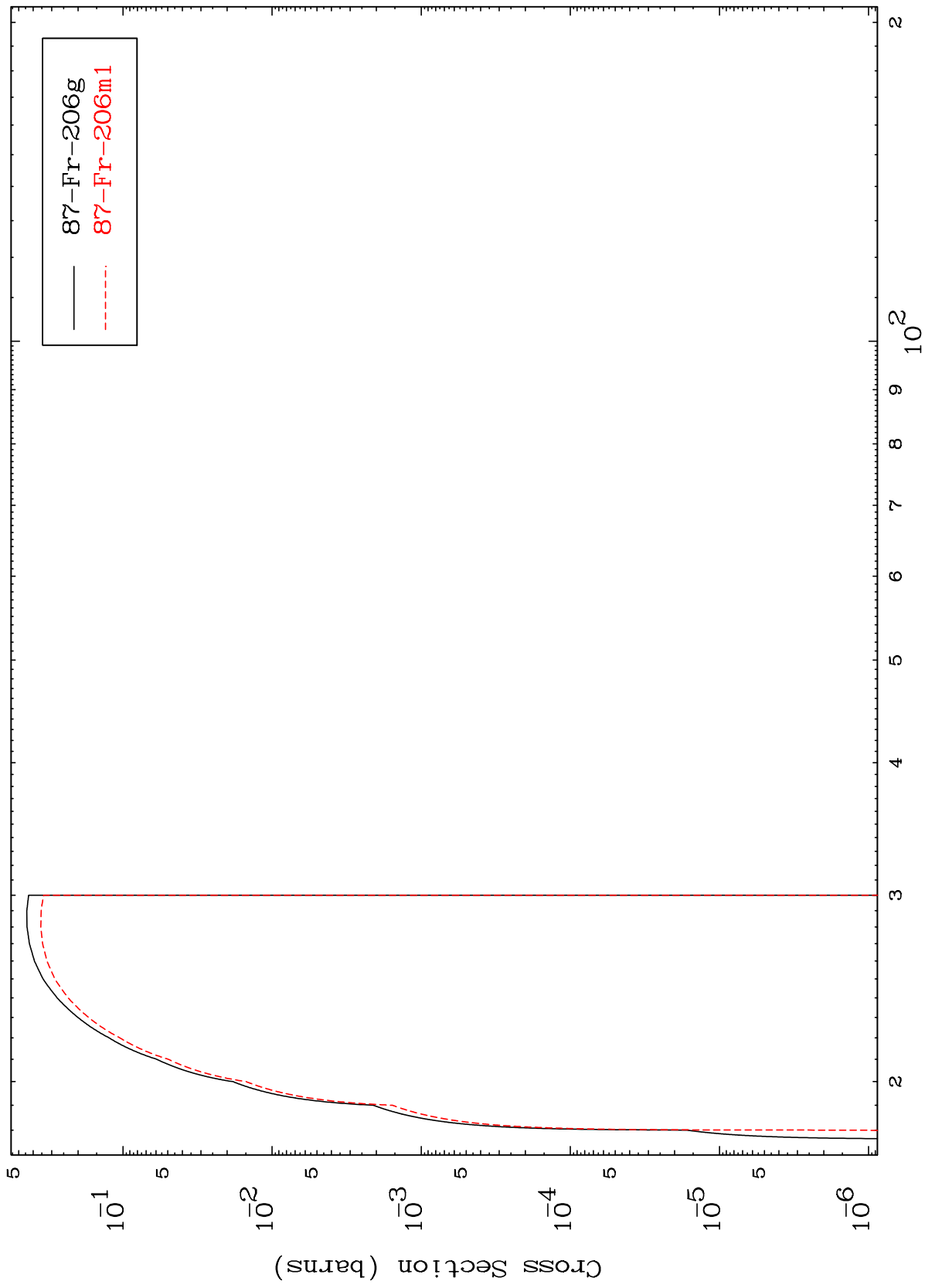
87-Fr-208



MAT 8713

87-Fr-208

(n,3n)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

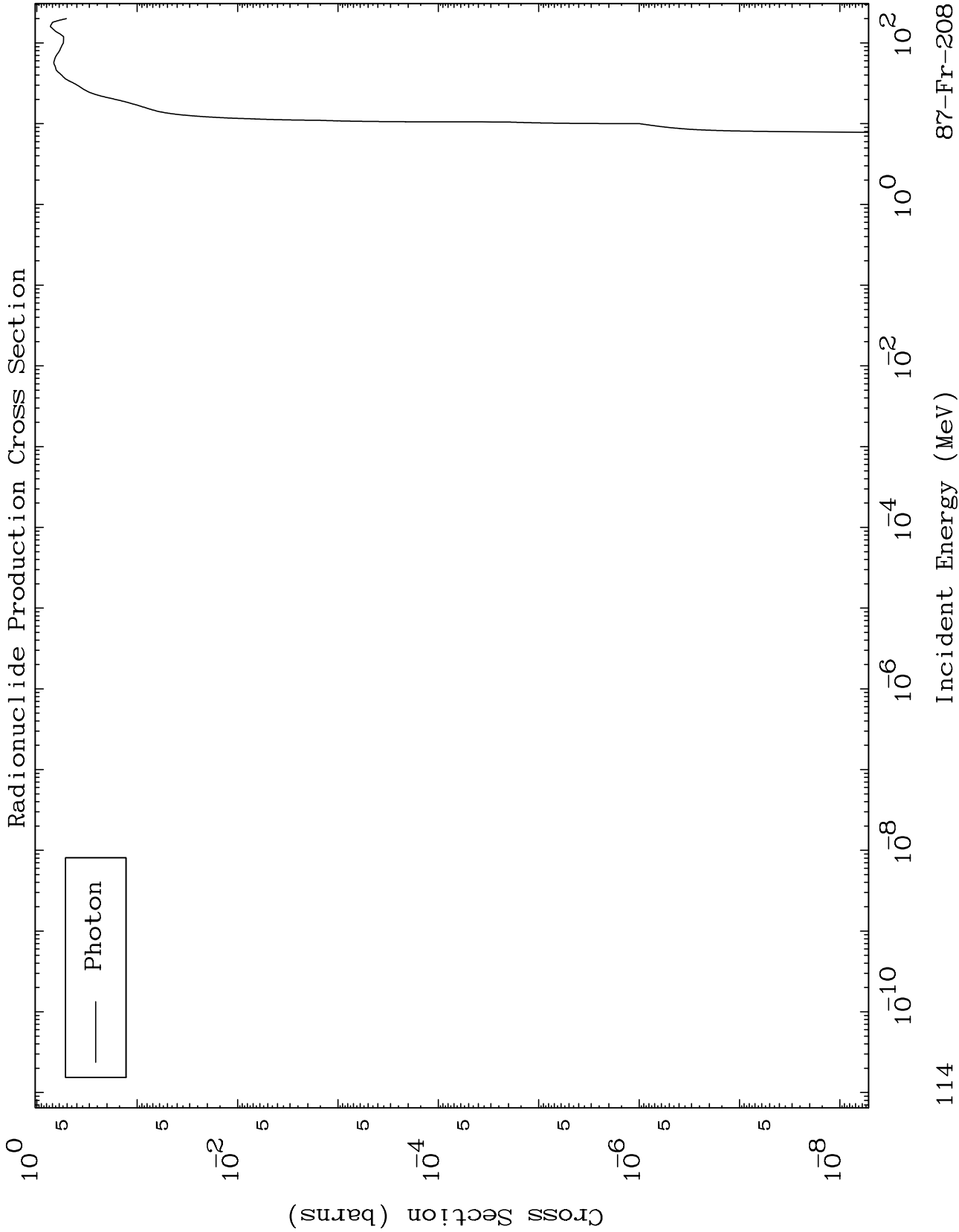
87-Fr-208

MAT 8713

Fission

87-Fr-208

Radionuclide Production Cross Section



114

Incident Energy (MeV)

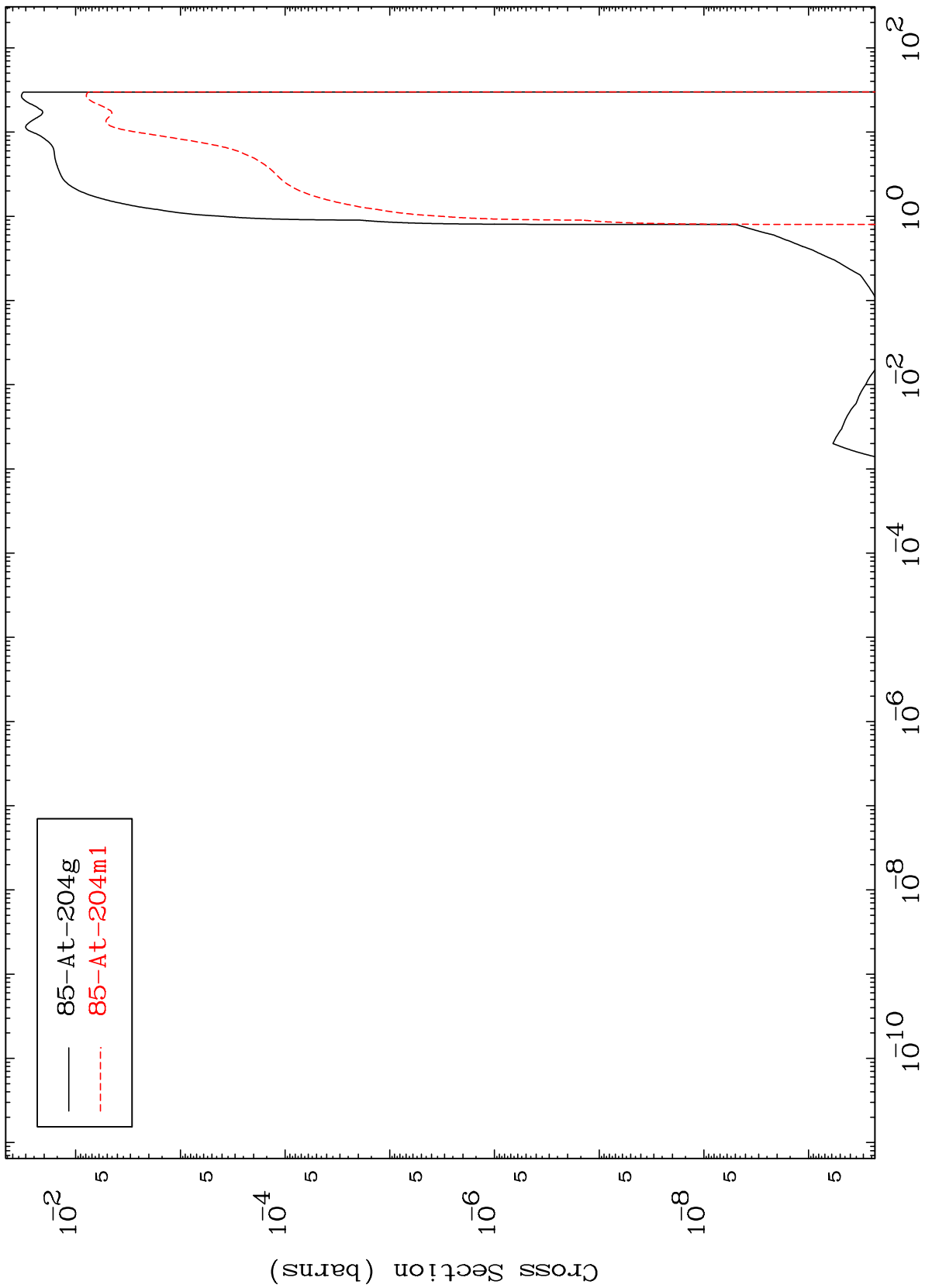
87-Fr-208

MAT 8713

$(n, n') \alpha$

87-Fr-208

Radionuclide Production Cross Section



115

Incident Energy (MeV)

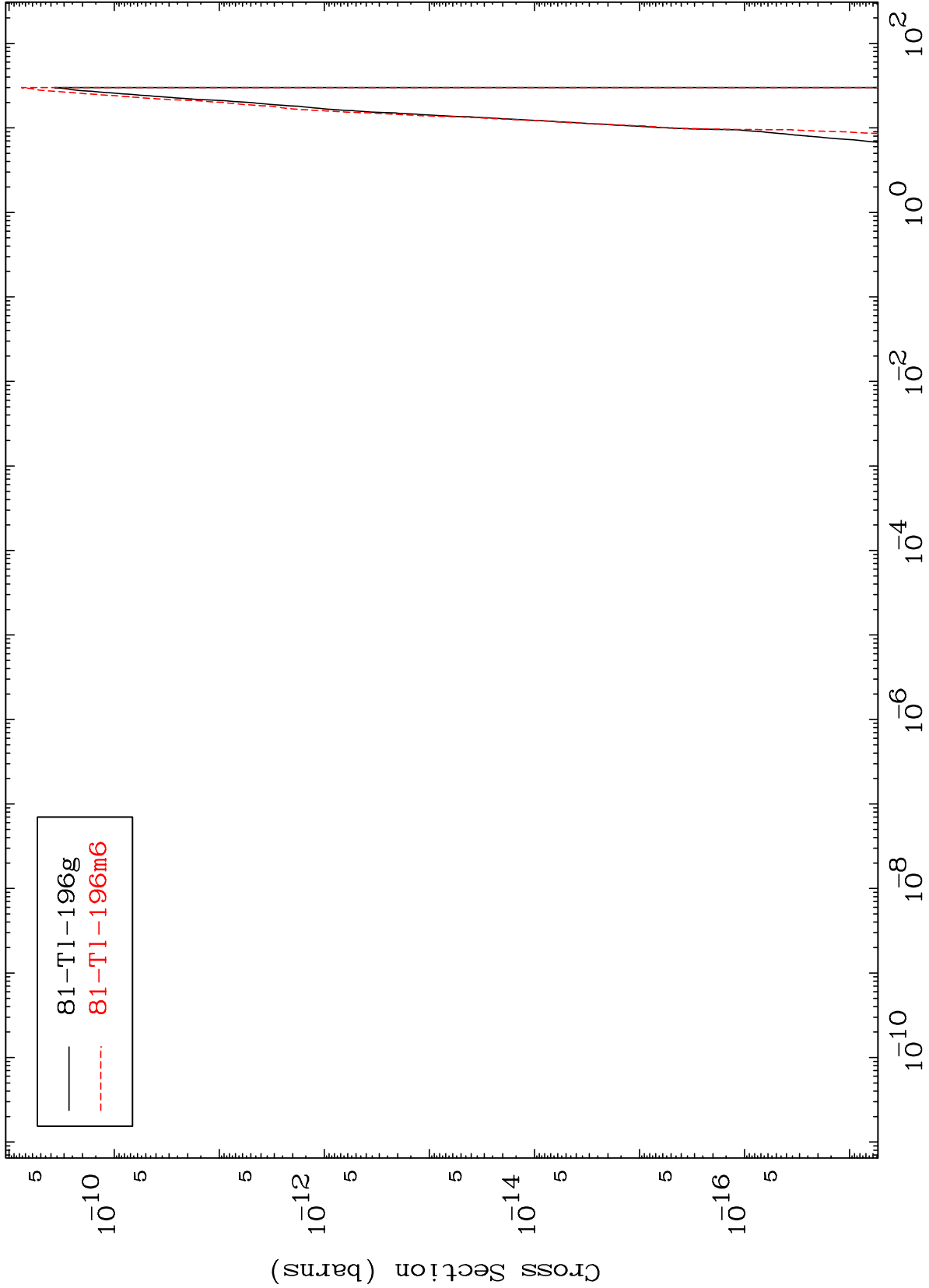
87-Fr-208

MAT 8713

(n,n') 3 α

87-Fr-208

Radionuclide Production Cross Section



116

Incident Energy (MeV)

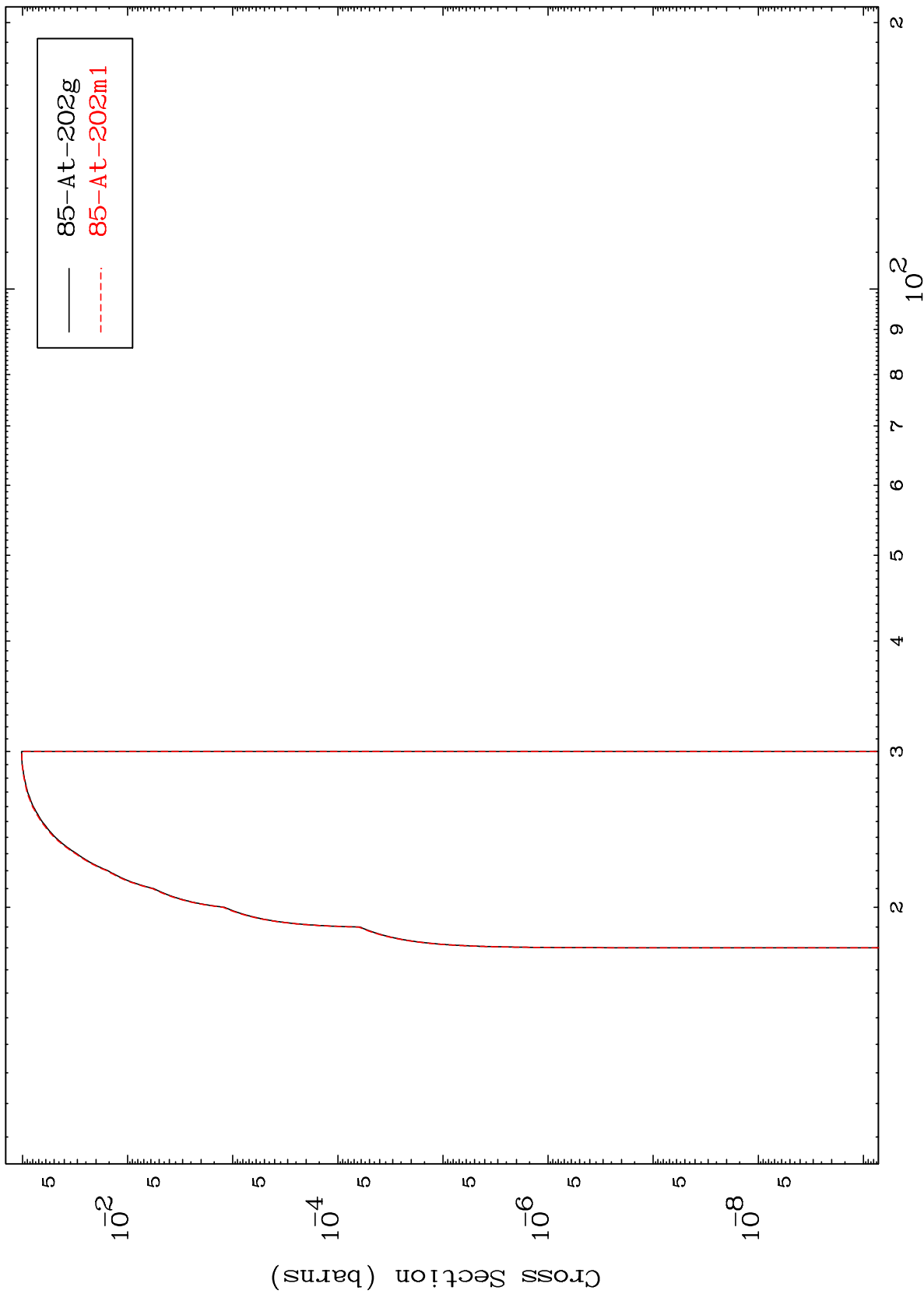
87-Fr-208

MAT 8713

(n,3n) α

87-Fr-208

Radionuclide Production Cross Section



117

Incident Energy (MeV)

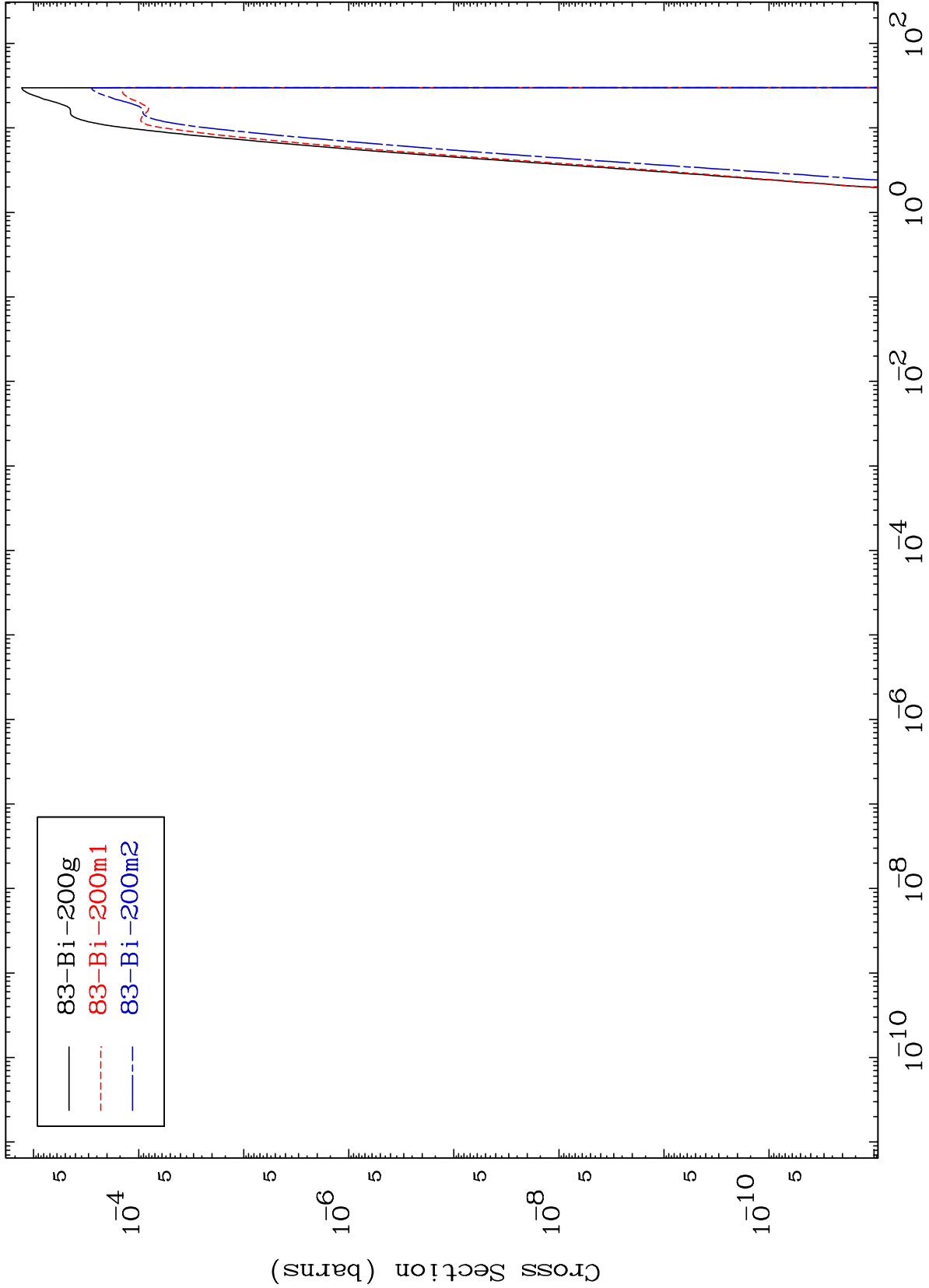
87-Fr-208

MAT 8713

(n,n') 2 α

87-Fr-208

Radionuclide Production Cross Section



118

Incident Energy (MeV)

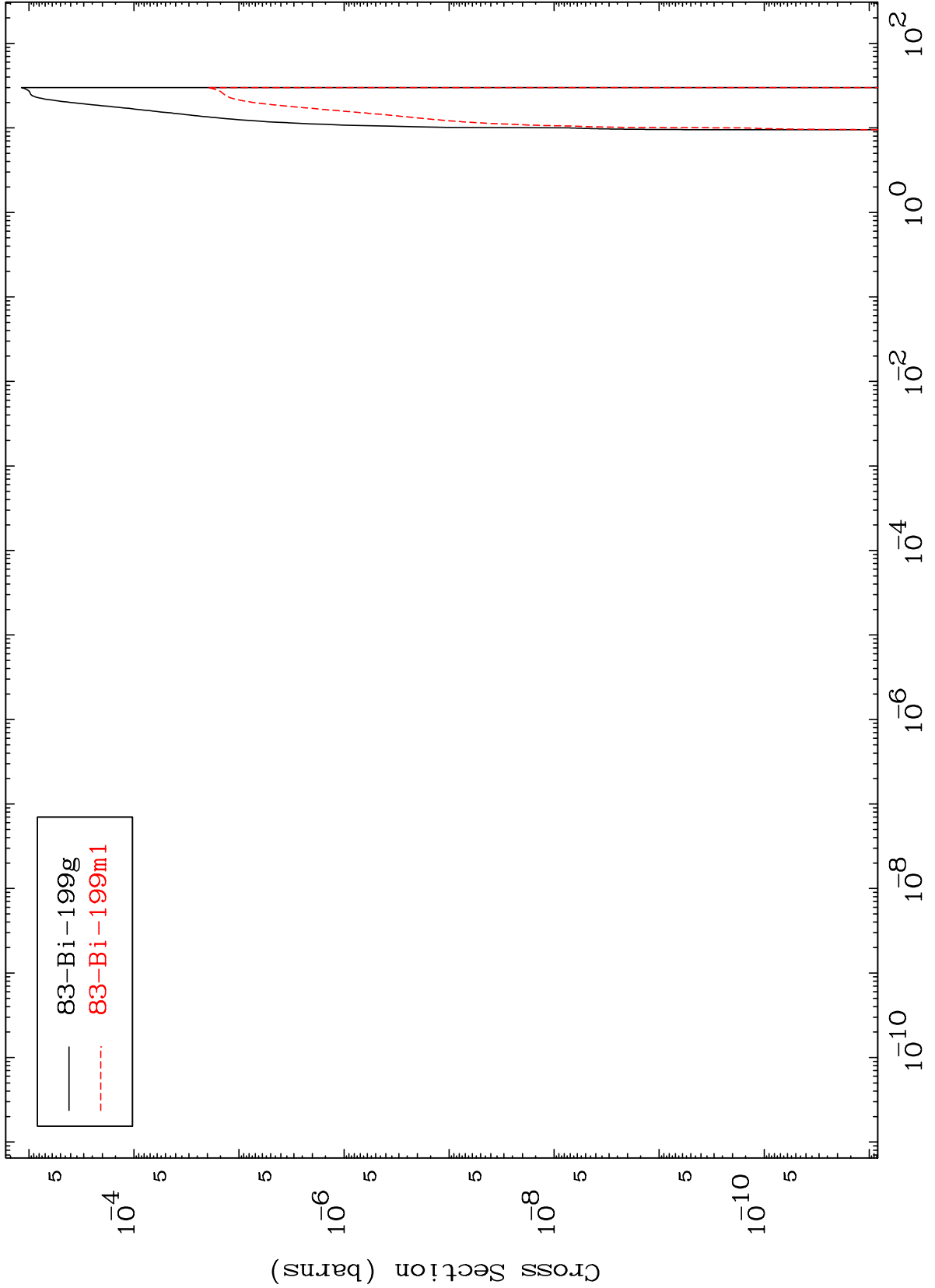
87-Fr-208

MAT 8713

(n,2n) 2 α

87-Fr-208

Radionuclide Production Cross Section



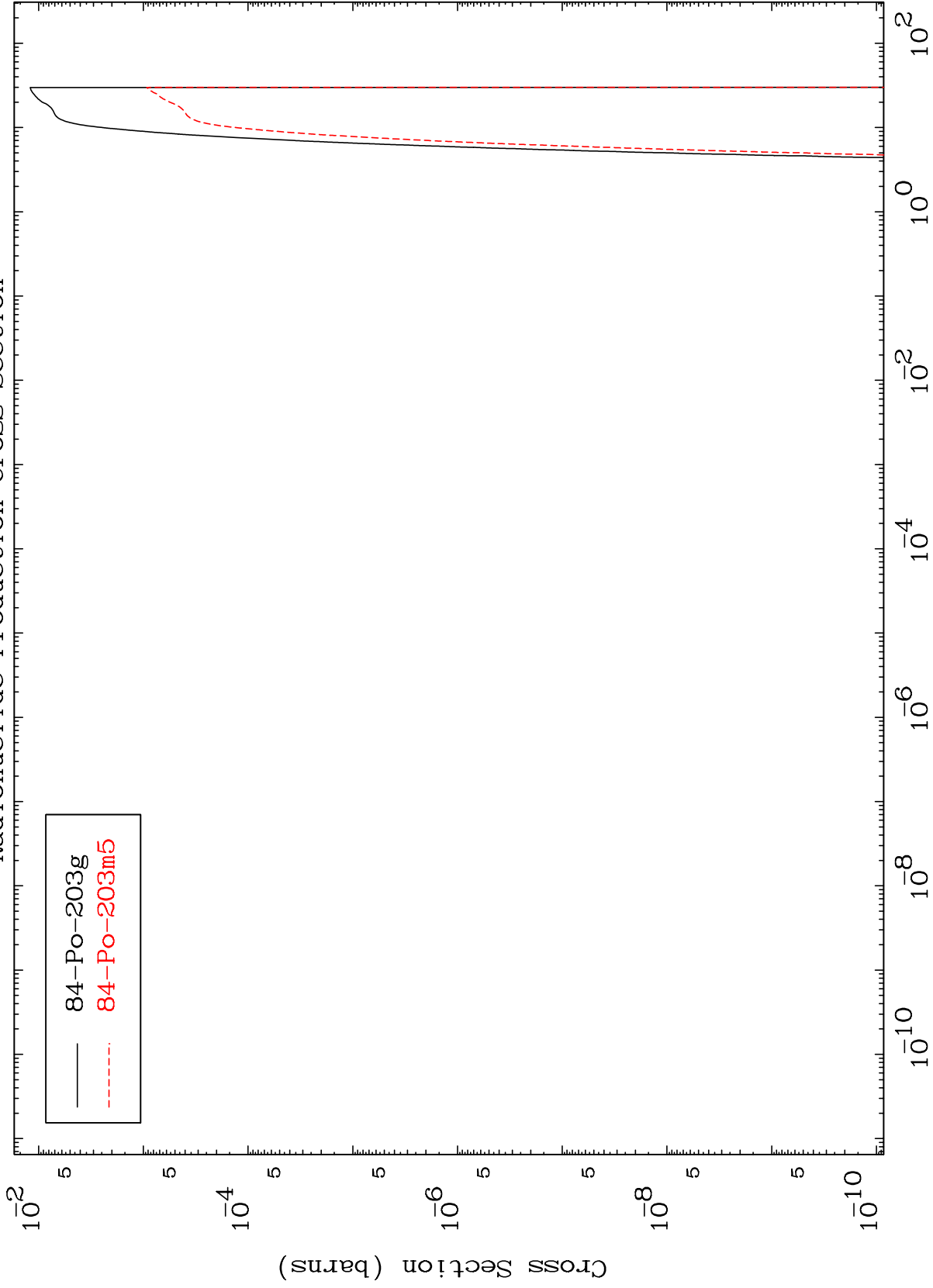
83-Bi-199g
83-Bi-199m1

MAT 8713

(n,n') p α

87-Fr-208

Radionuclide Production Cross Section



120

Incident Energy (MeV)

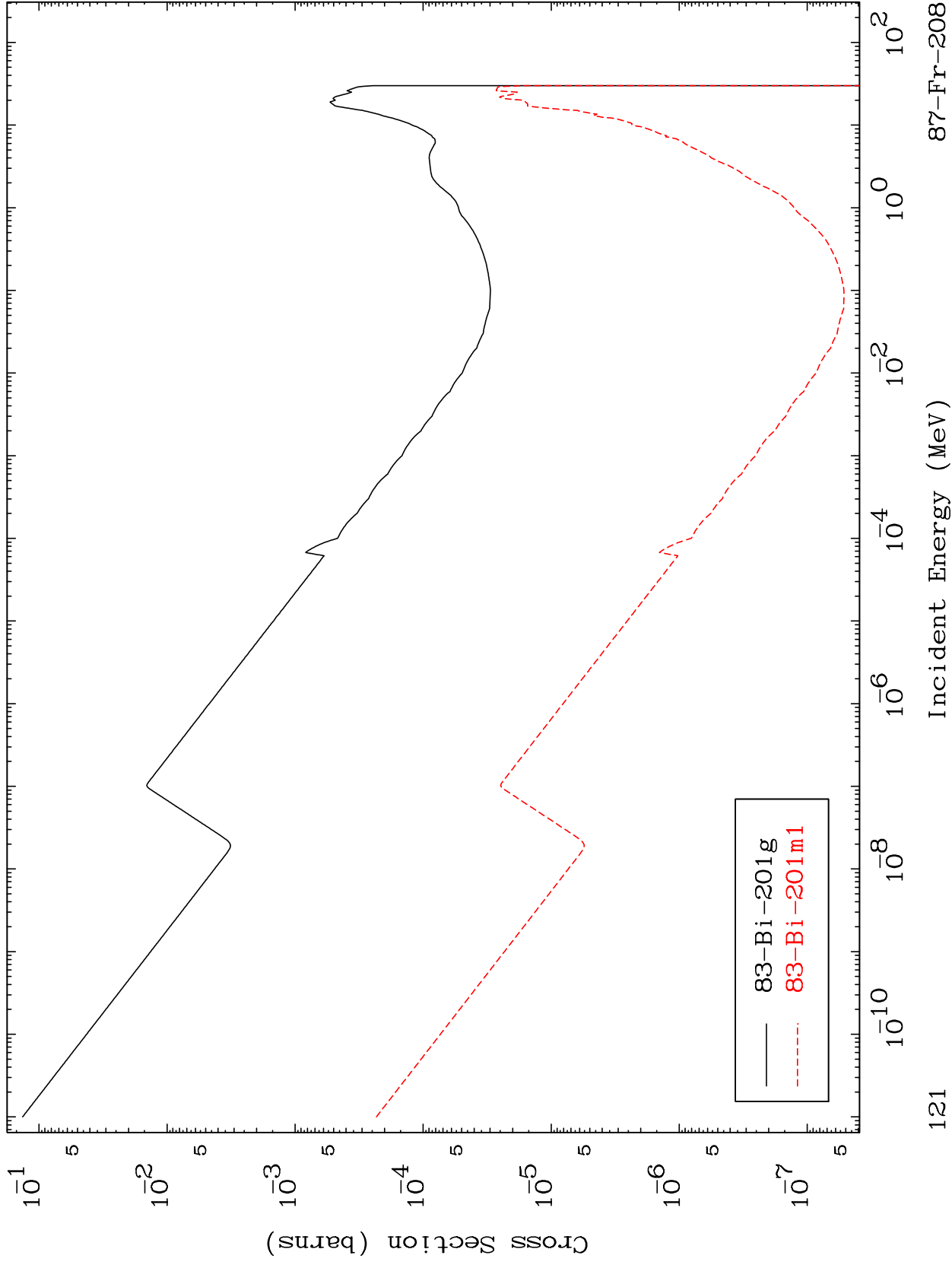
87-Fr-208

MAT 8713

(n,2α)

87-Fr-208

Radionuclide Production Cross Section



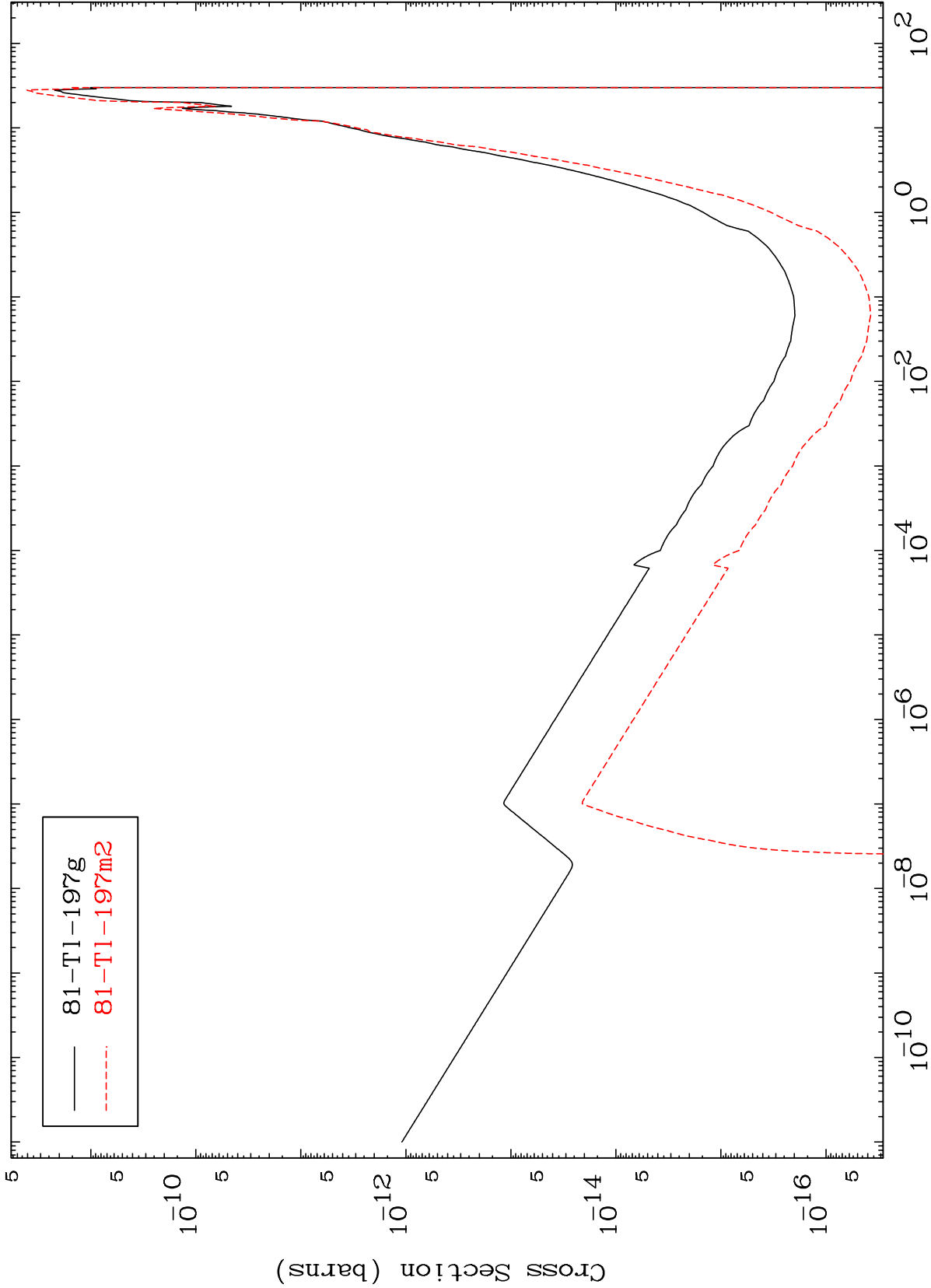
121

MAT 8713

(n,3α)

87-Fr-208

Radionuclide Production Cross Section



122

Incident Energy (MeV)

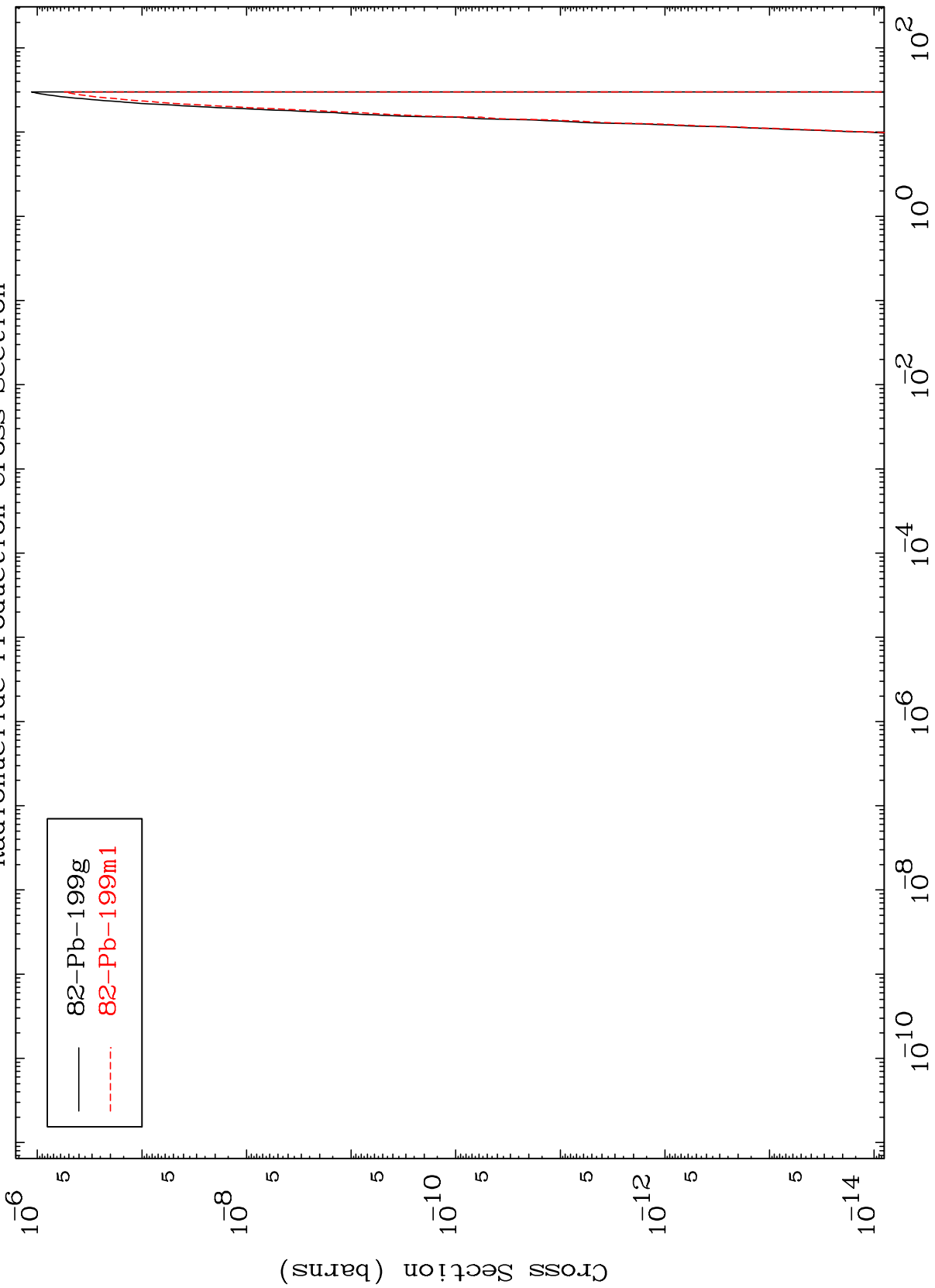
87-Fr-208

MAT 8713

(n,d) 2 α

87-Fr-208

Radionuclide Production Cross Section



123

Incident Energy (MeV)

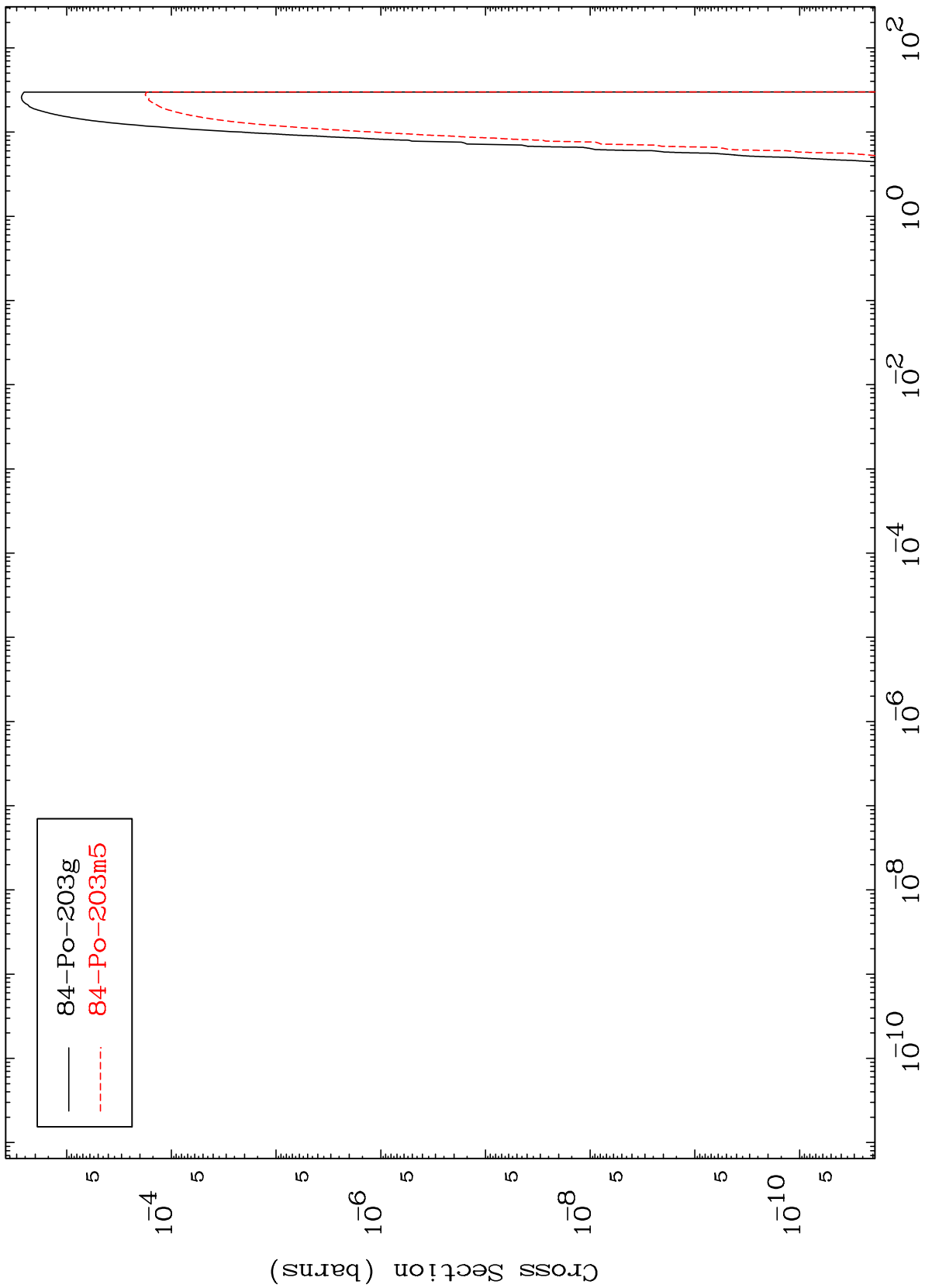
87-Fr-208

MAT 8713

(n,d) α

87-Fr-208

Radionuclide Production Cross Section



124

Incident Energy (MeV)

87-Fr-208