

Program EVALPLOT
(Version 2018-1)

by

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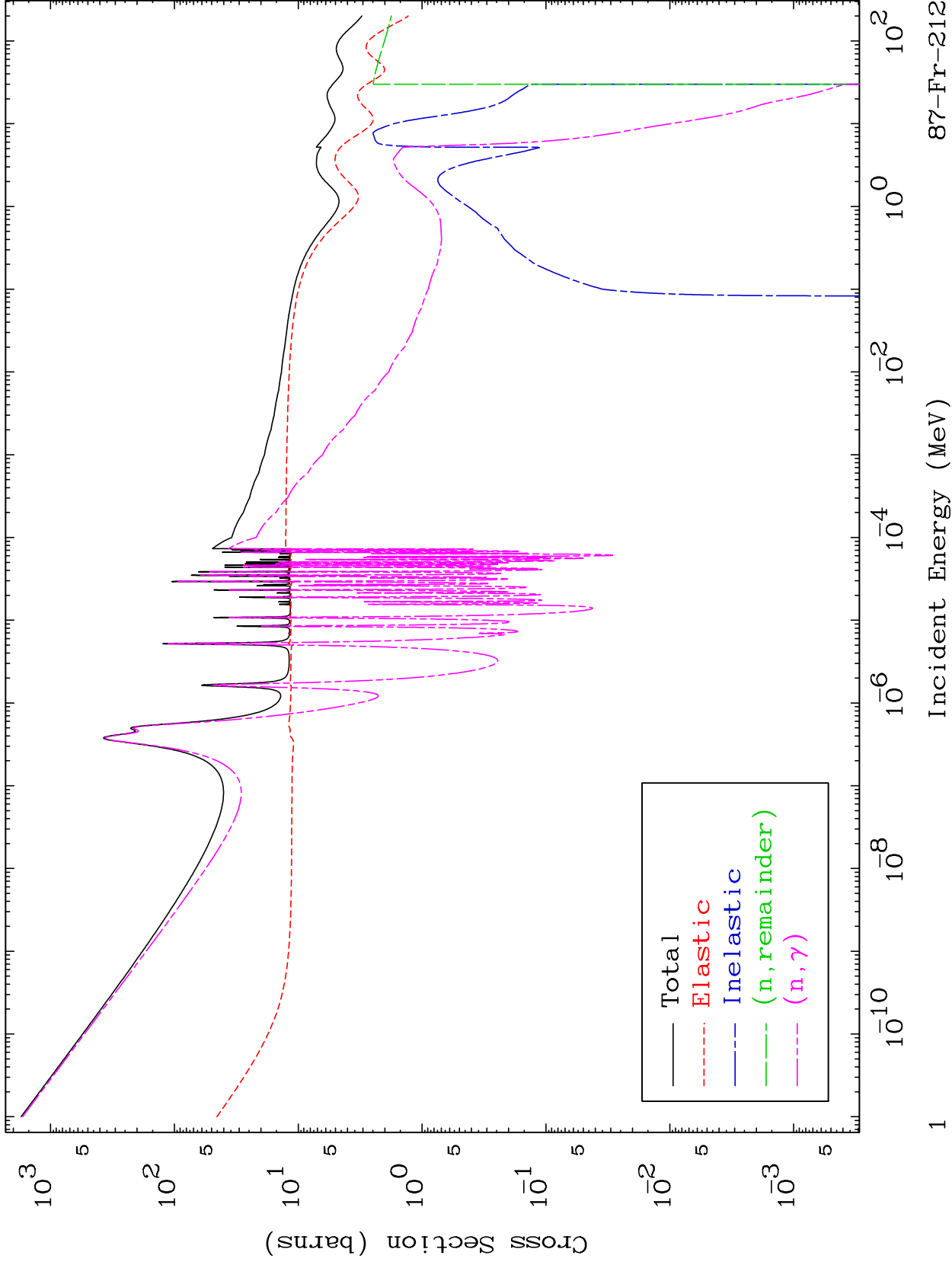
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Press Mouse Button to Start

MAT 8725

Major
293 Kelvin Cross Sections

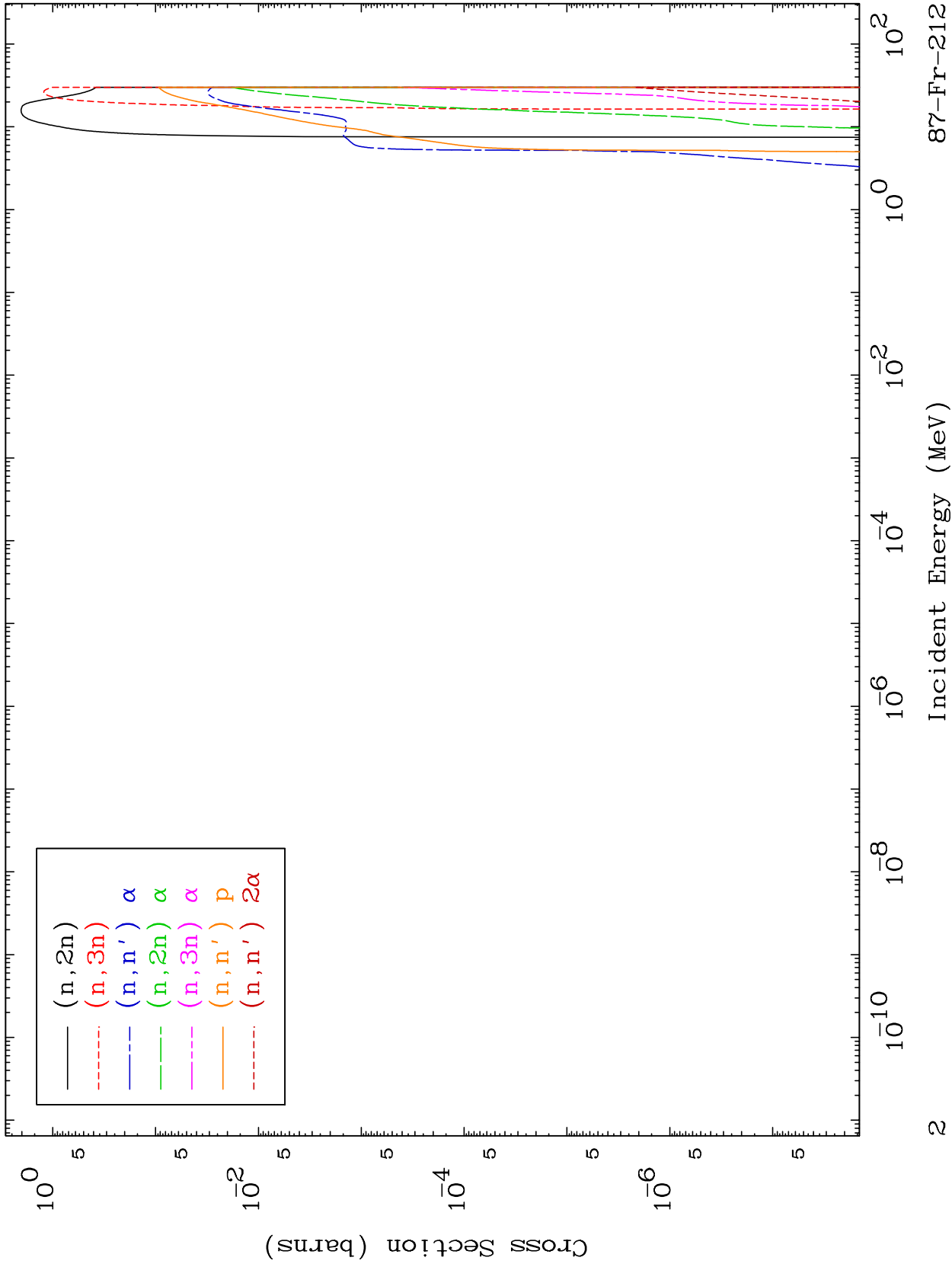
87-Fr-212



MAT 8725

Neutron Production
293 Kelvin Cross Sections

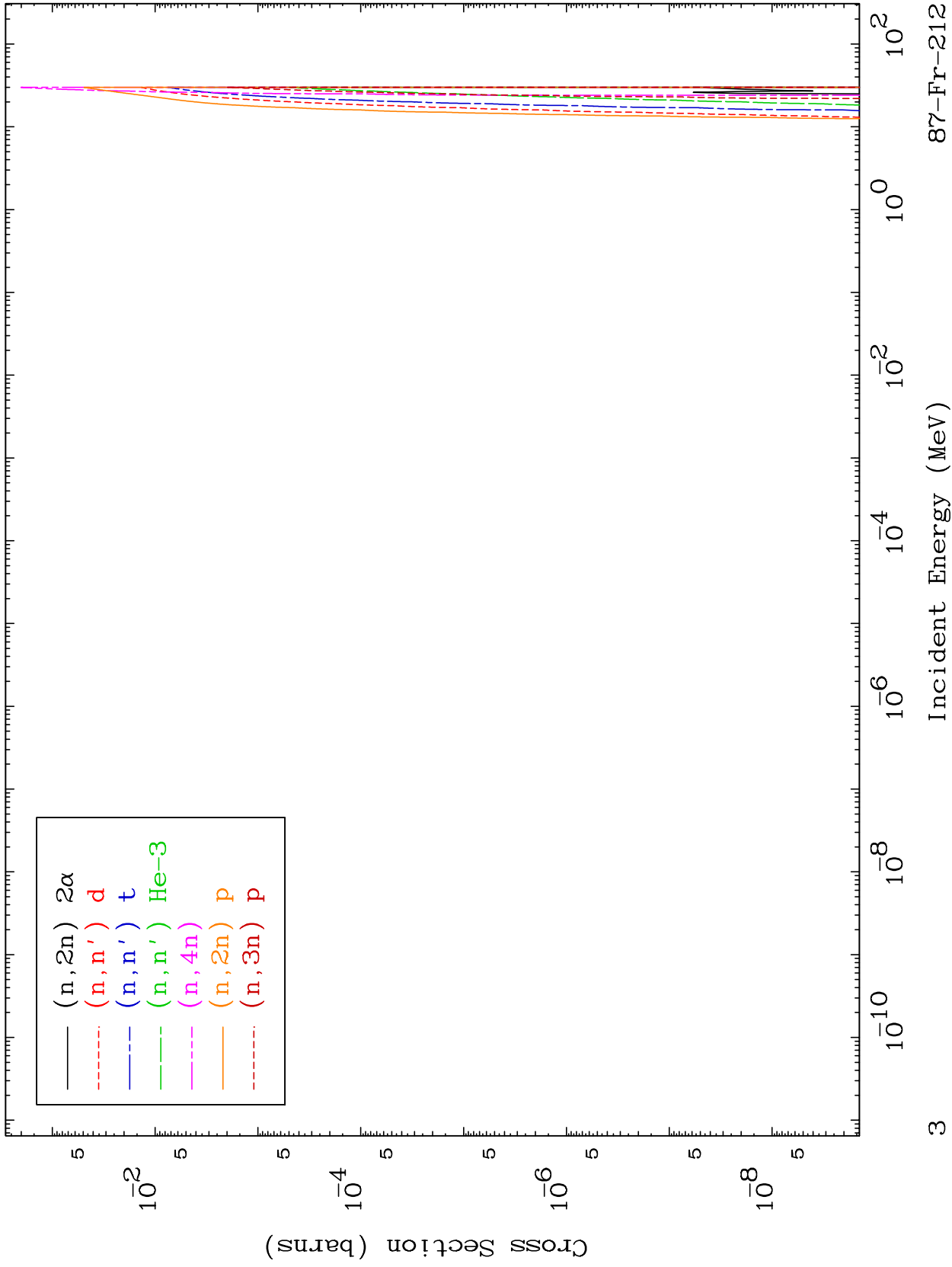
87-Fr-212



MAT 8725

Neutron Production
293 Kelvin Cross Sections

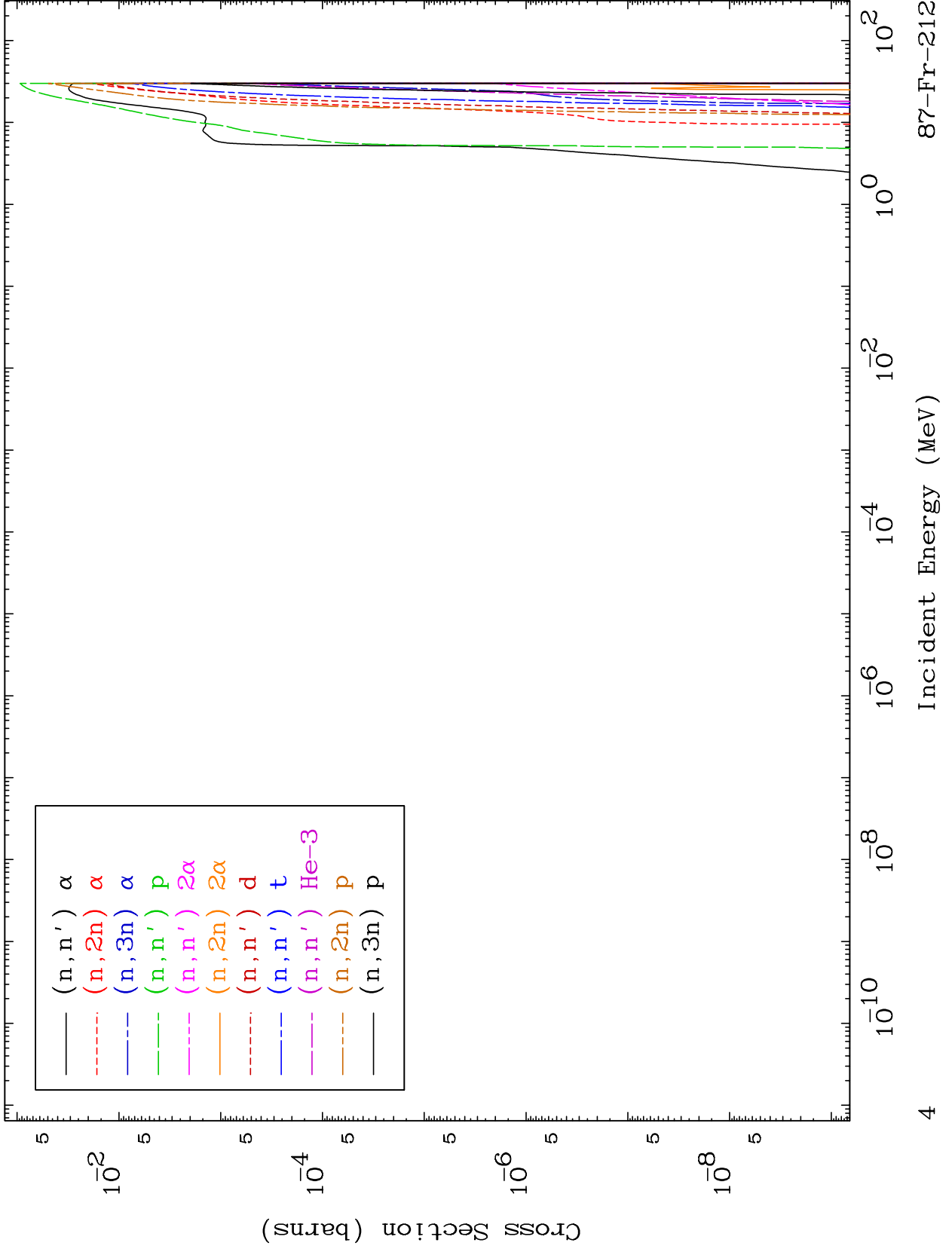
87-Fr-212



MAT 8725

Charged Particle
293 Kelvin Cross Sections

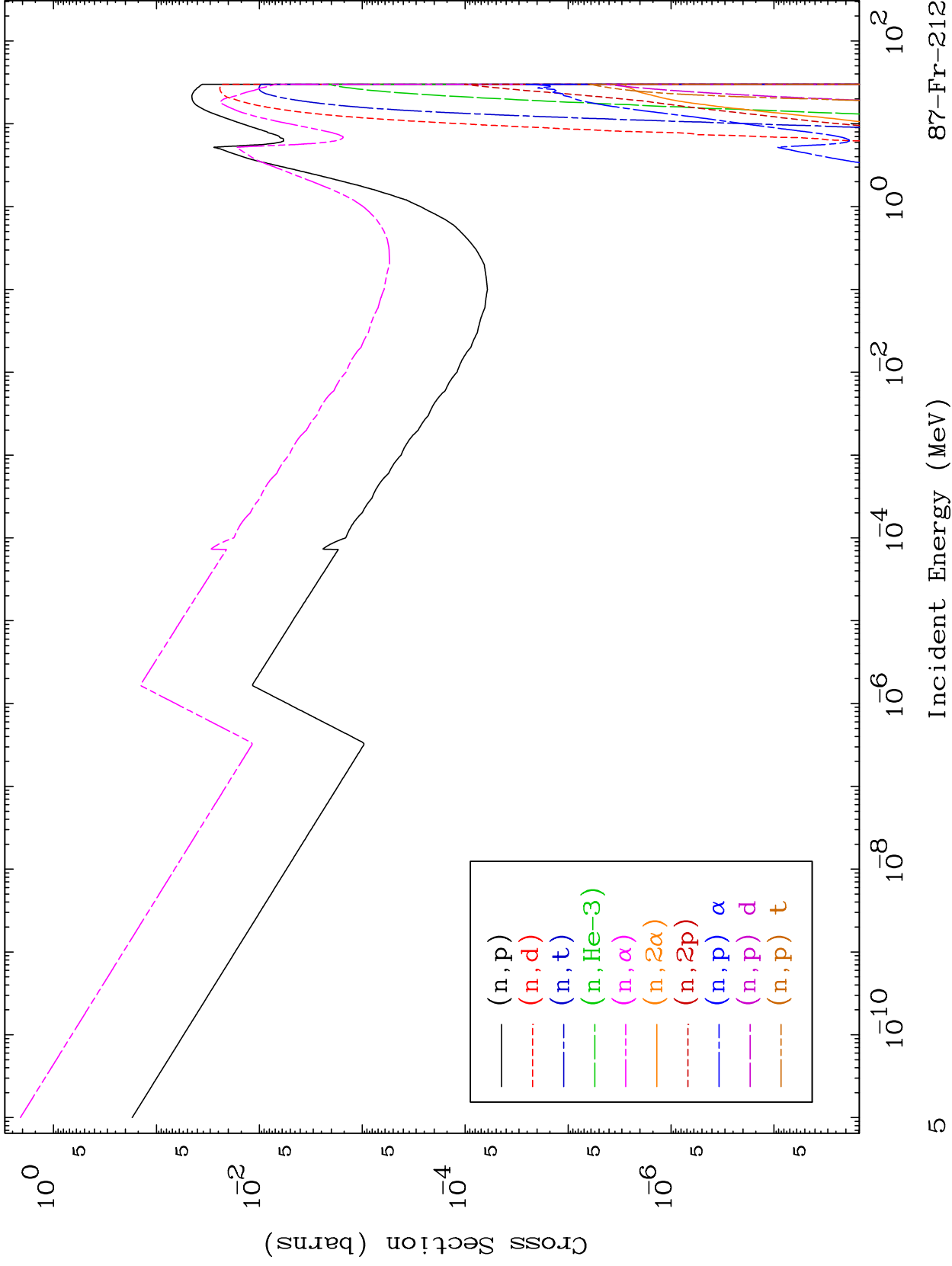
87-Fr-212



MAT 8725

Charged Particle
293 Kelvin Cross Sections

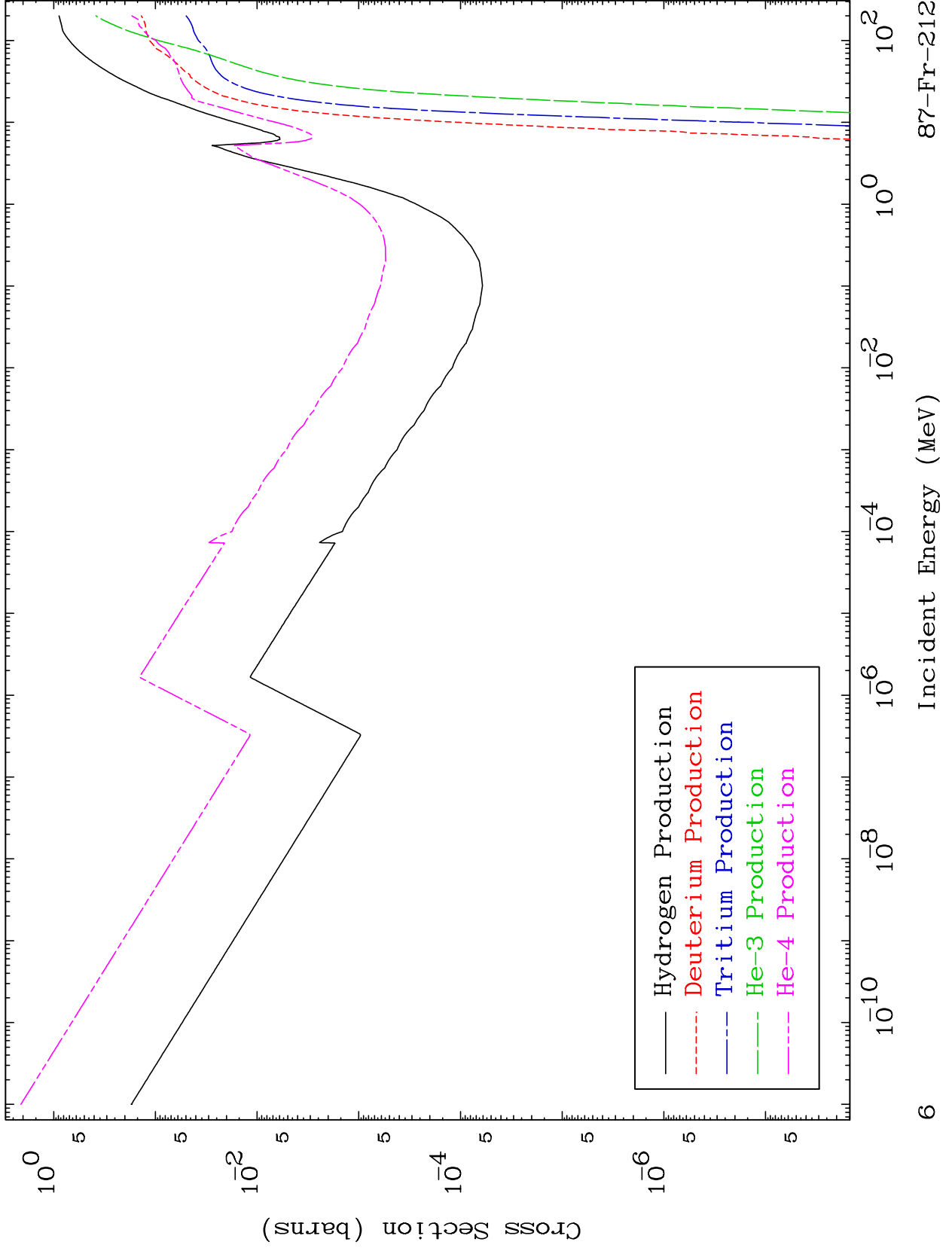
87-Fr-212



MAT 8725

Particle Production
293 Kelvin Cross Sections

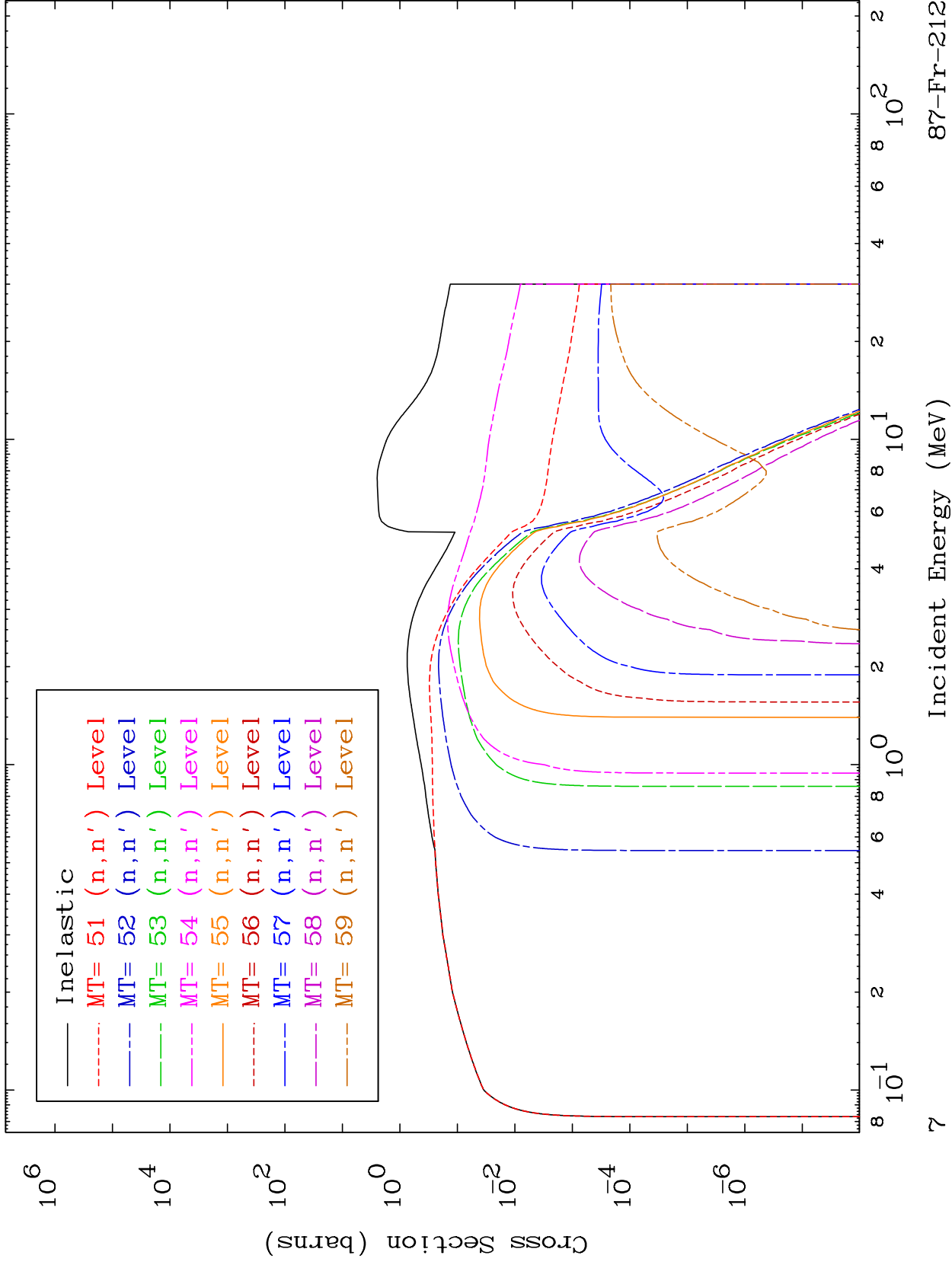
87-Fr-212



MAT 8725

(n,n') Level
293 Kelvin Cross Sections

87-Fr-212

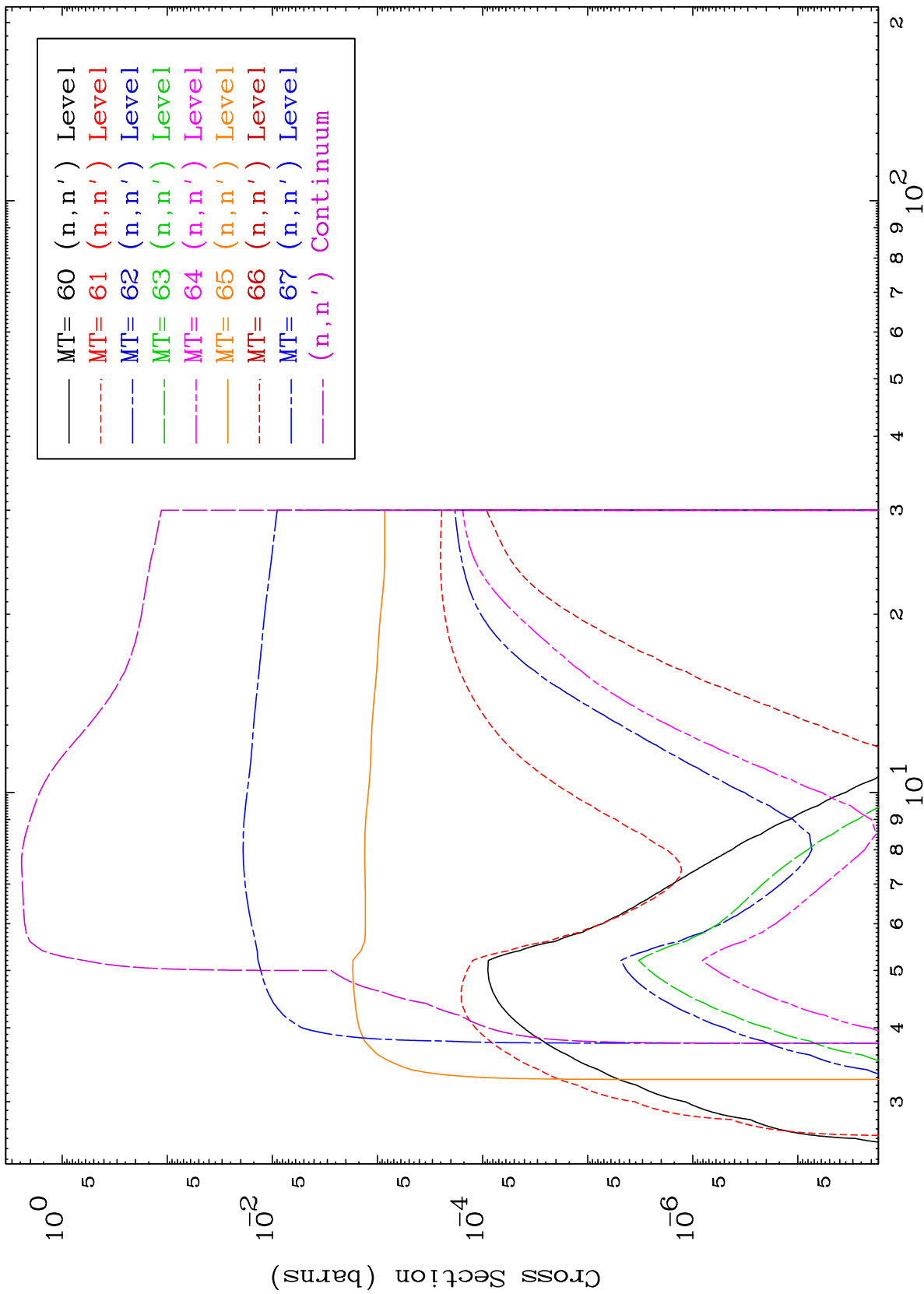


87-Fr-212

Incident Energy (MeV)

7

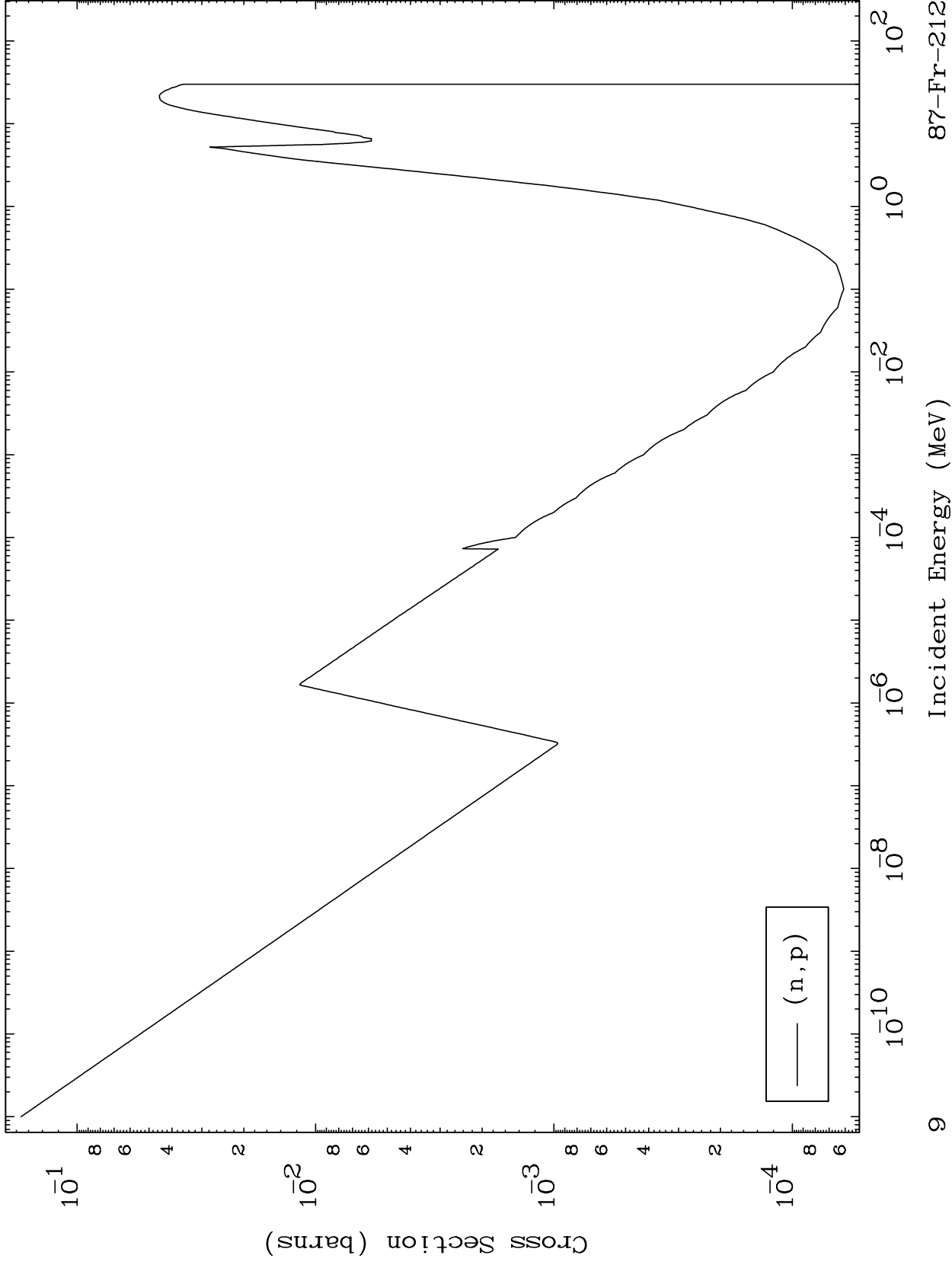
293 Kelvin Cross Sections



MAT 8725

(n,p) Levels
293 Kelvin Cross Sections

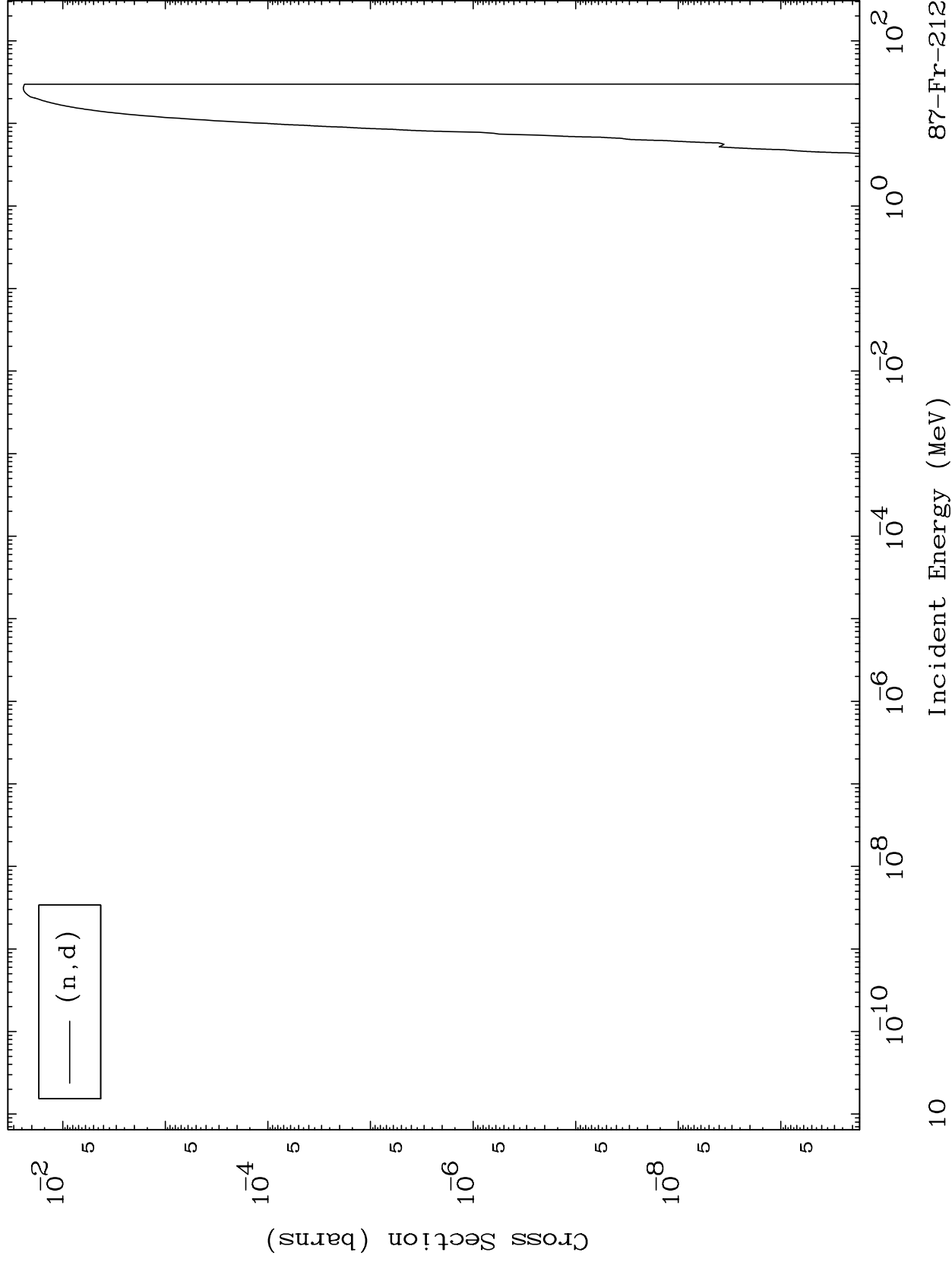
87-Fr-212



MAT 8725

(n,d) Levels
293 Kelvin Cross Sections

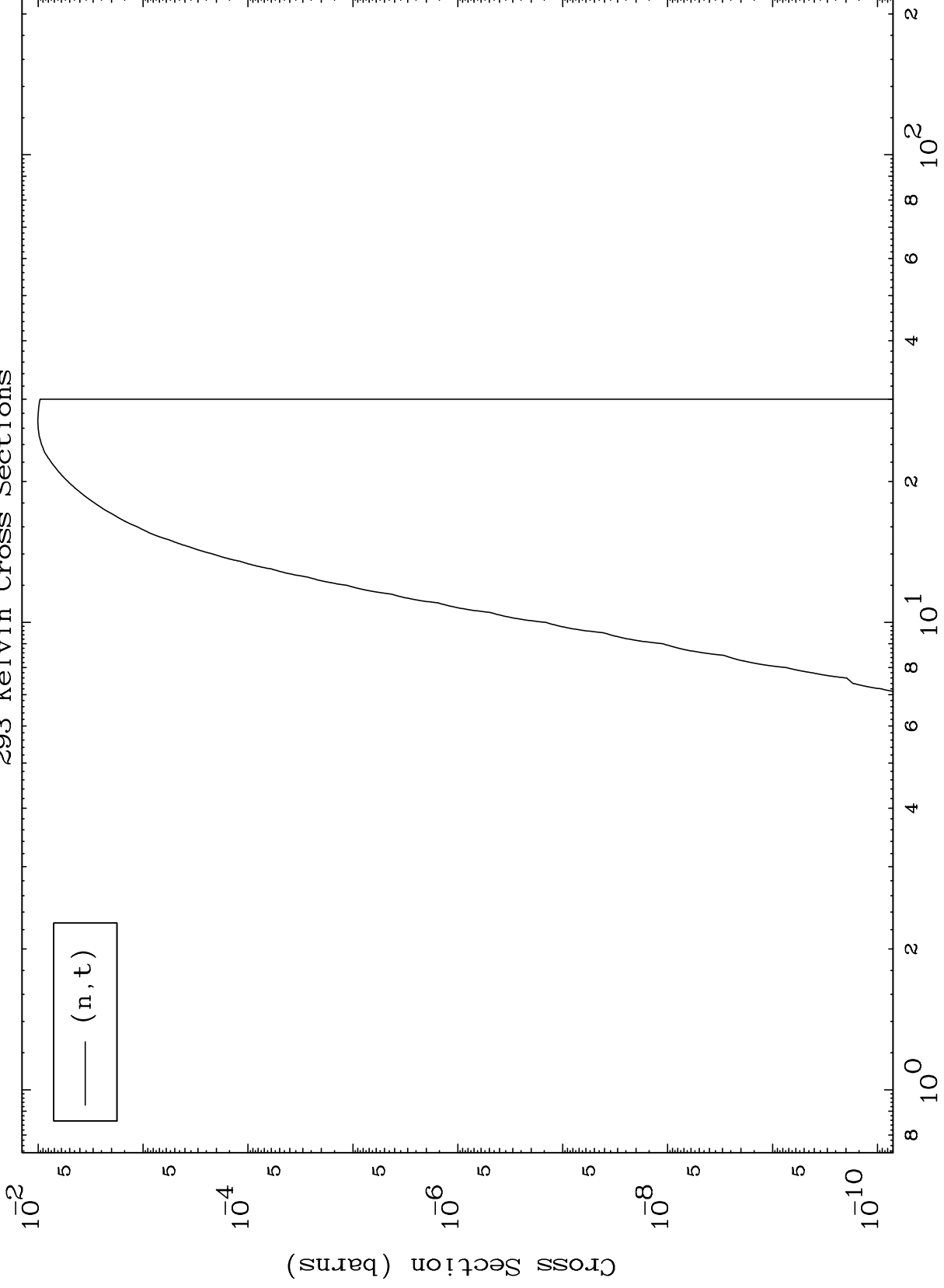
87-Fr-212



MAT 8725

(n,t) Levels
293 Kelvin Cross Sections

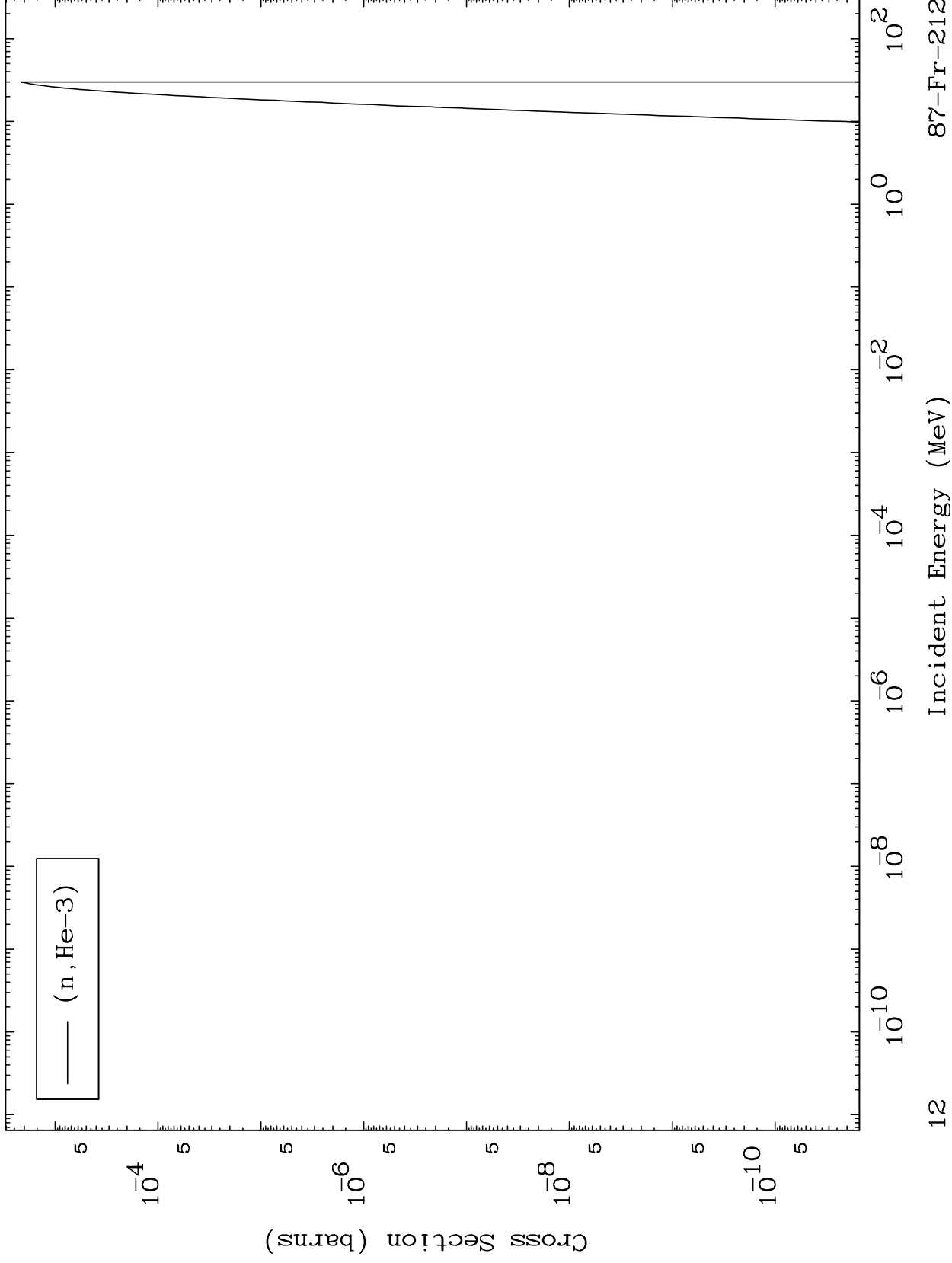
87-Fr-212



MAT 8725

(n,He3) Levels
293 Kelvin Cross Sections

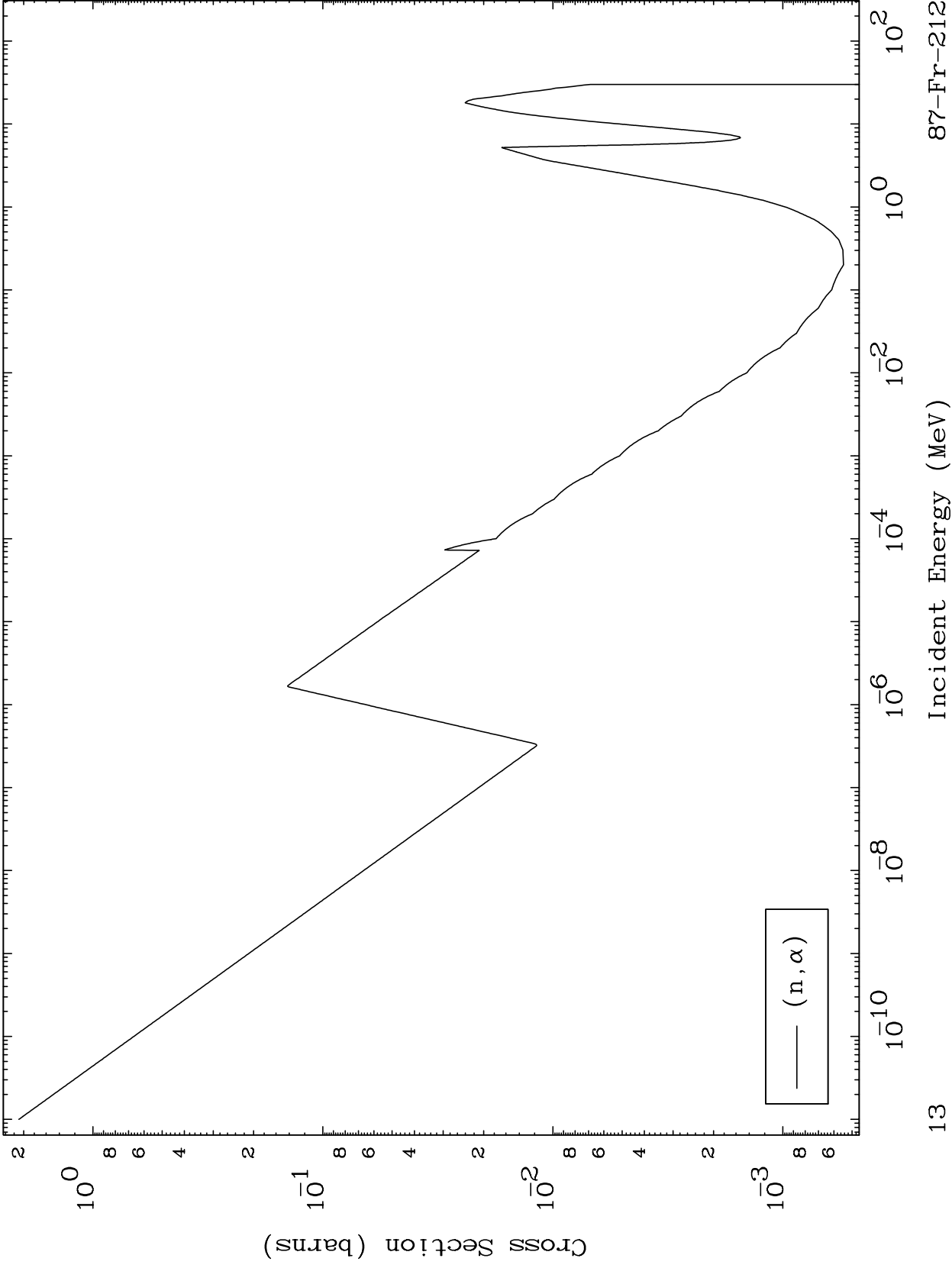
87-Fr-212



MAT 8725

(n,α) Levels
293 Kelvin Cross Sections

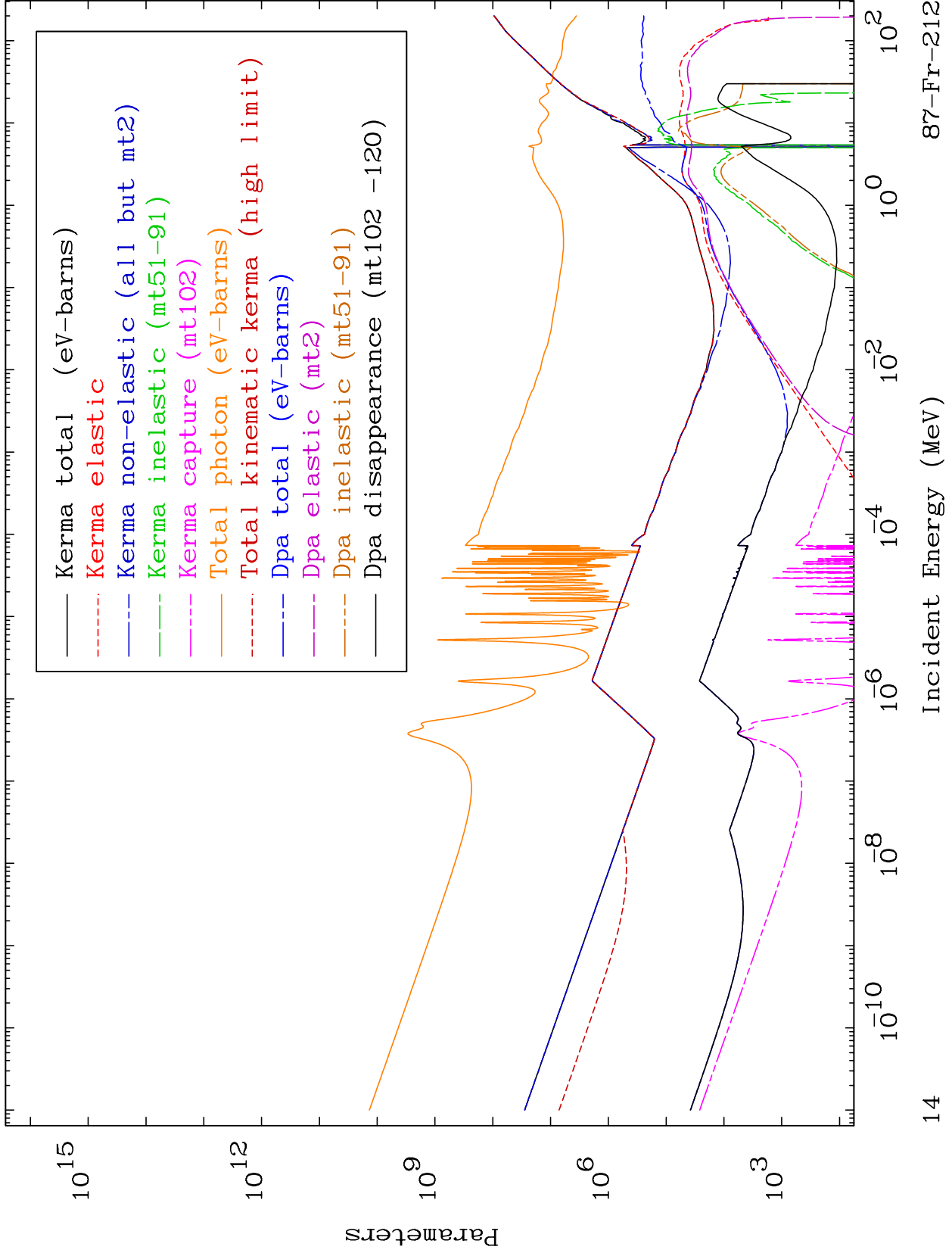
87-Fr-212



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Incident Energy (MeV)

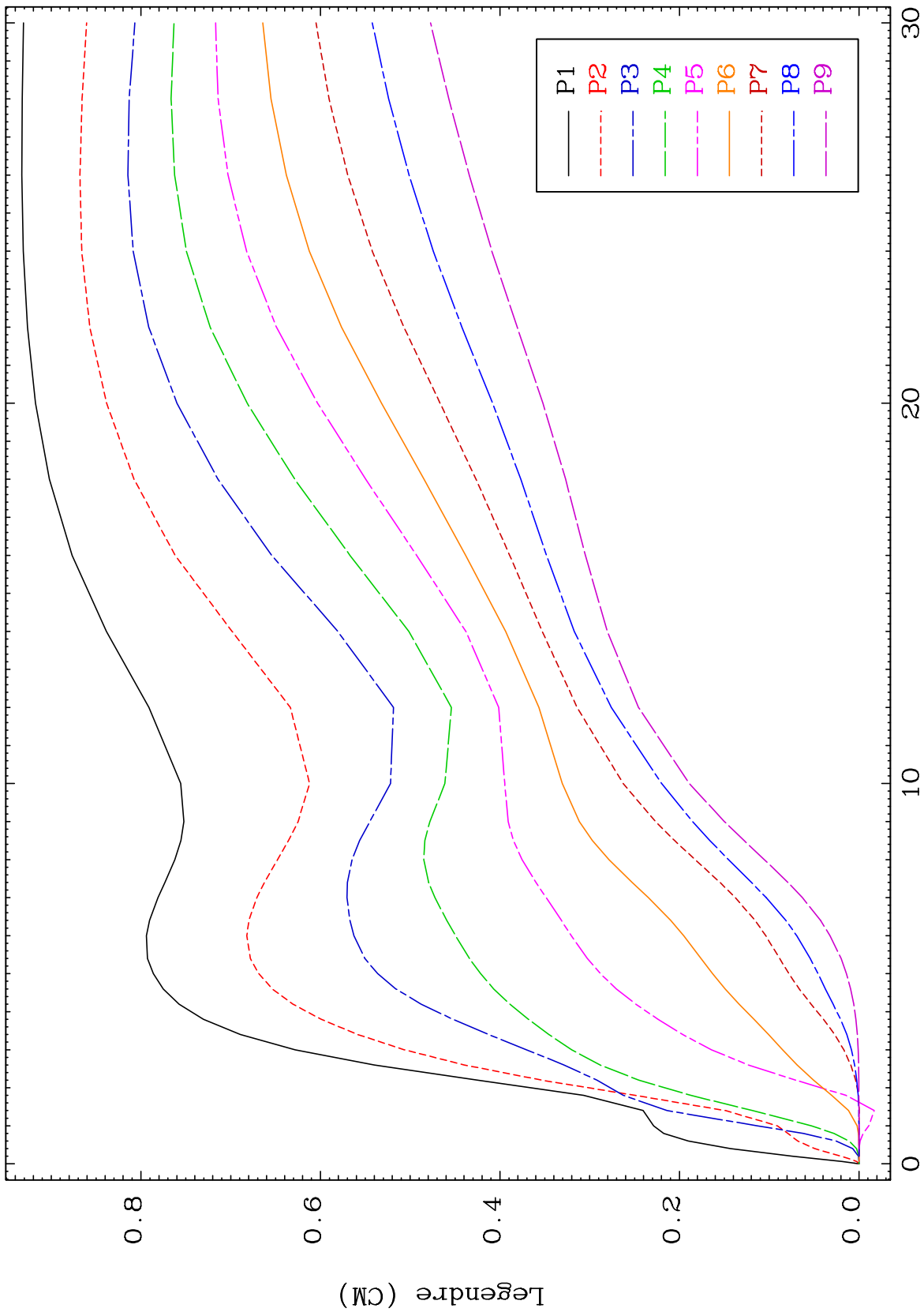
87-Fr-212



MAT 8725

Elastic Legendre Coefficients

87-Fr-212



15

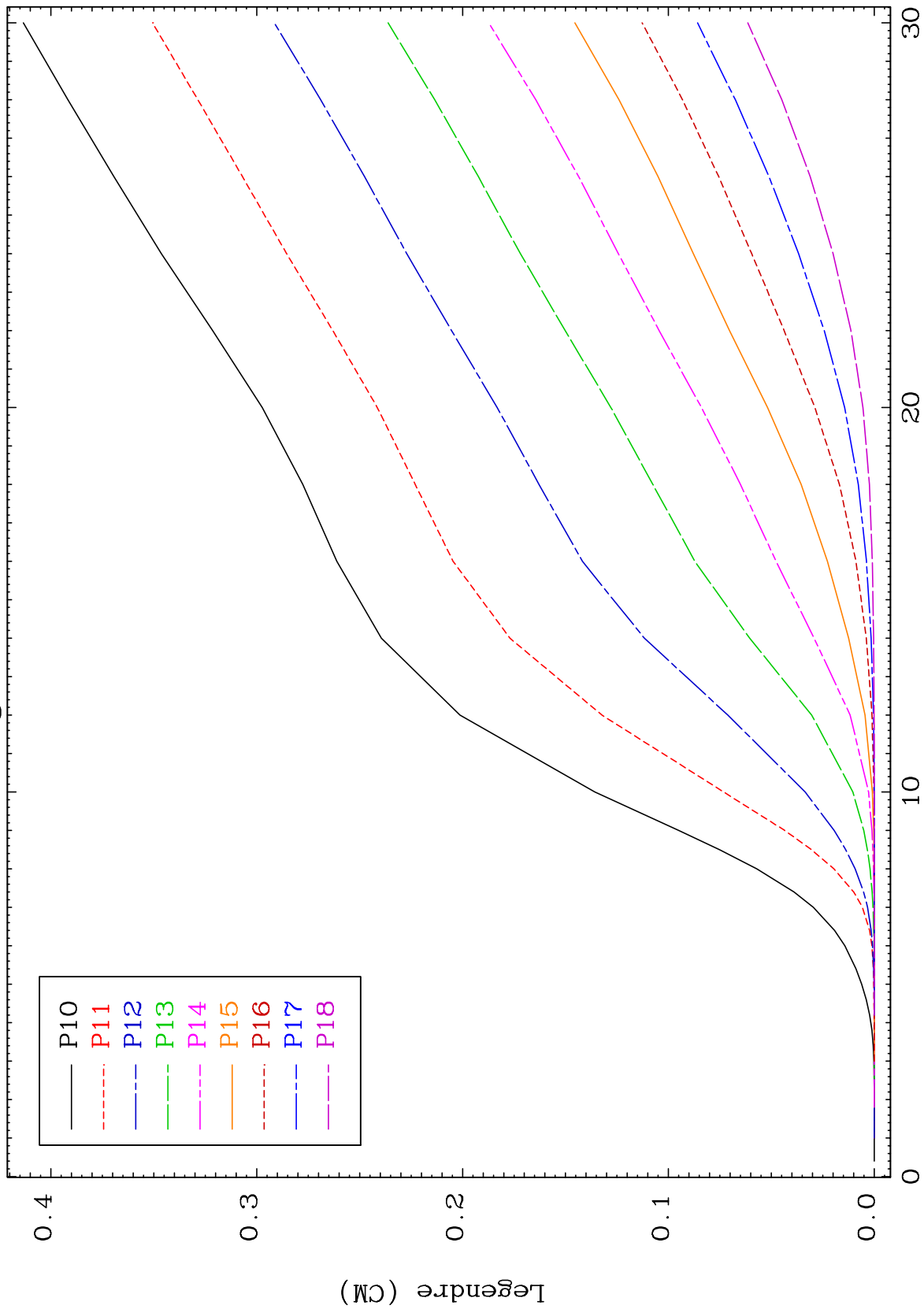
Incident Energy (MeV)

87-Fr-212

MAT 8725

Elastic Legendre Coefficients

87-Fr-212



16

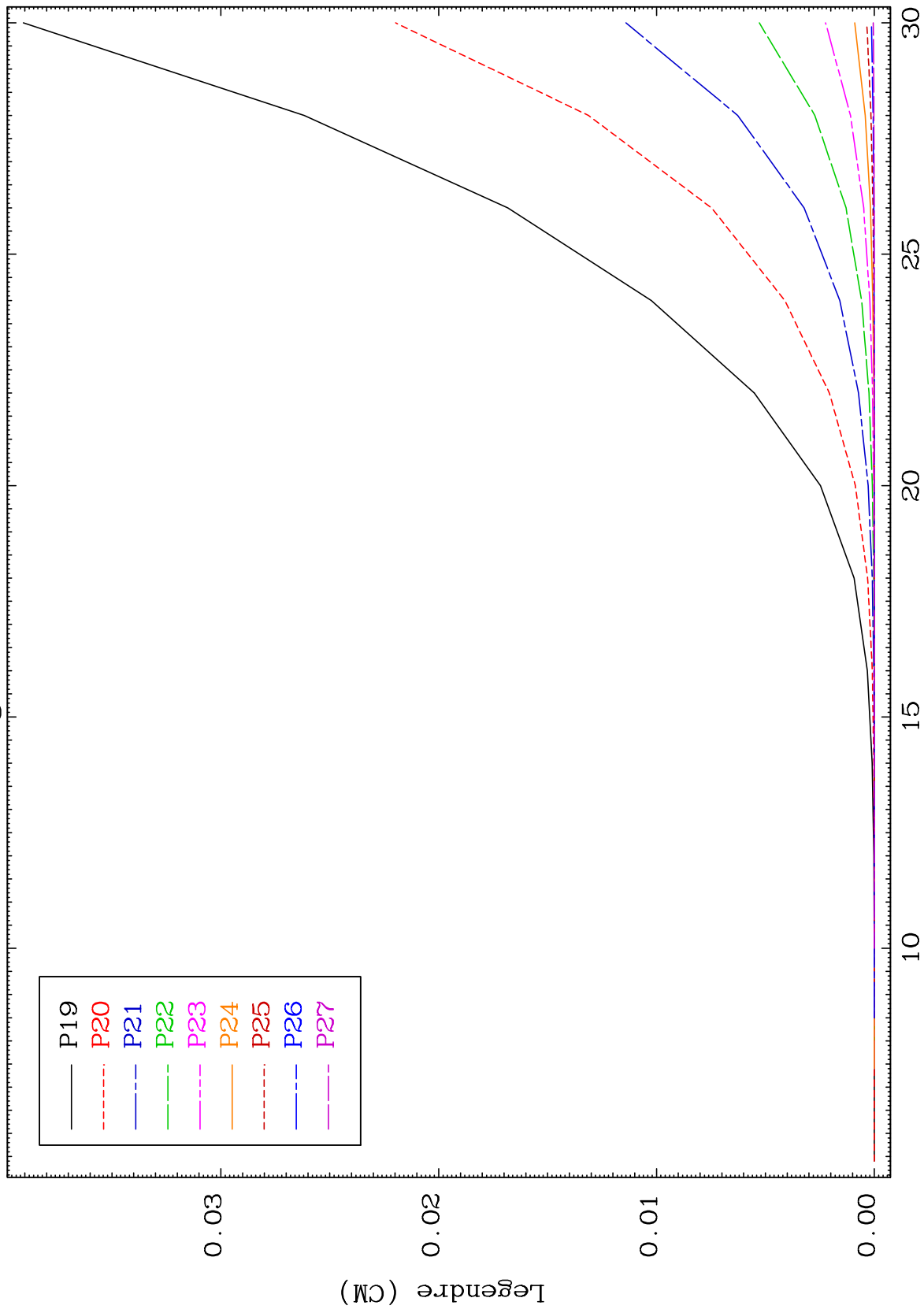
Incident Energy (MeV)

87-Fr-212

MAT 8725

Elastic Legendre Coefficients

87-Fr-212



17

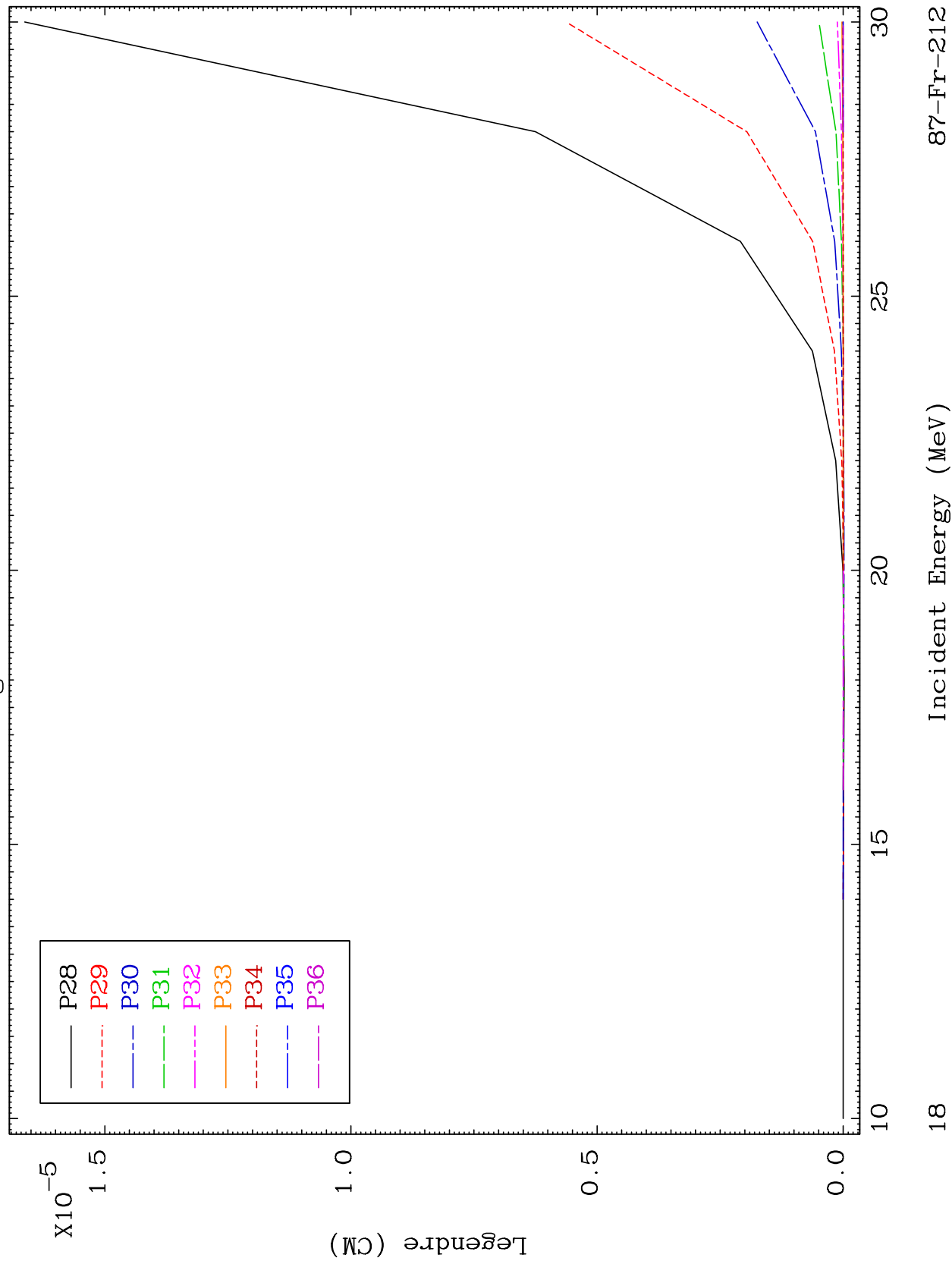
Incident Energy (MeV)

87-Fr-212

MAT 8725

Elastic
Legendre Coefficients

87-Fr-212



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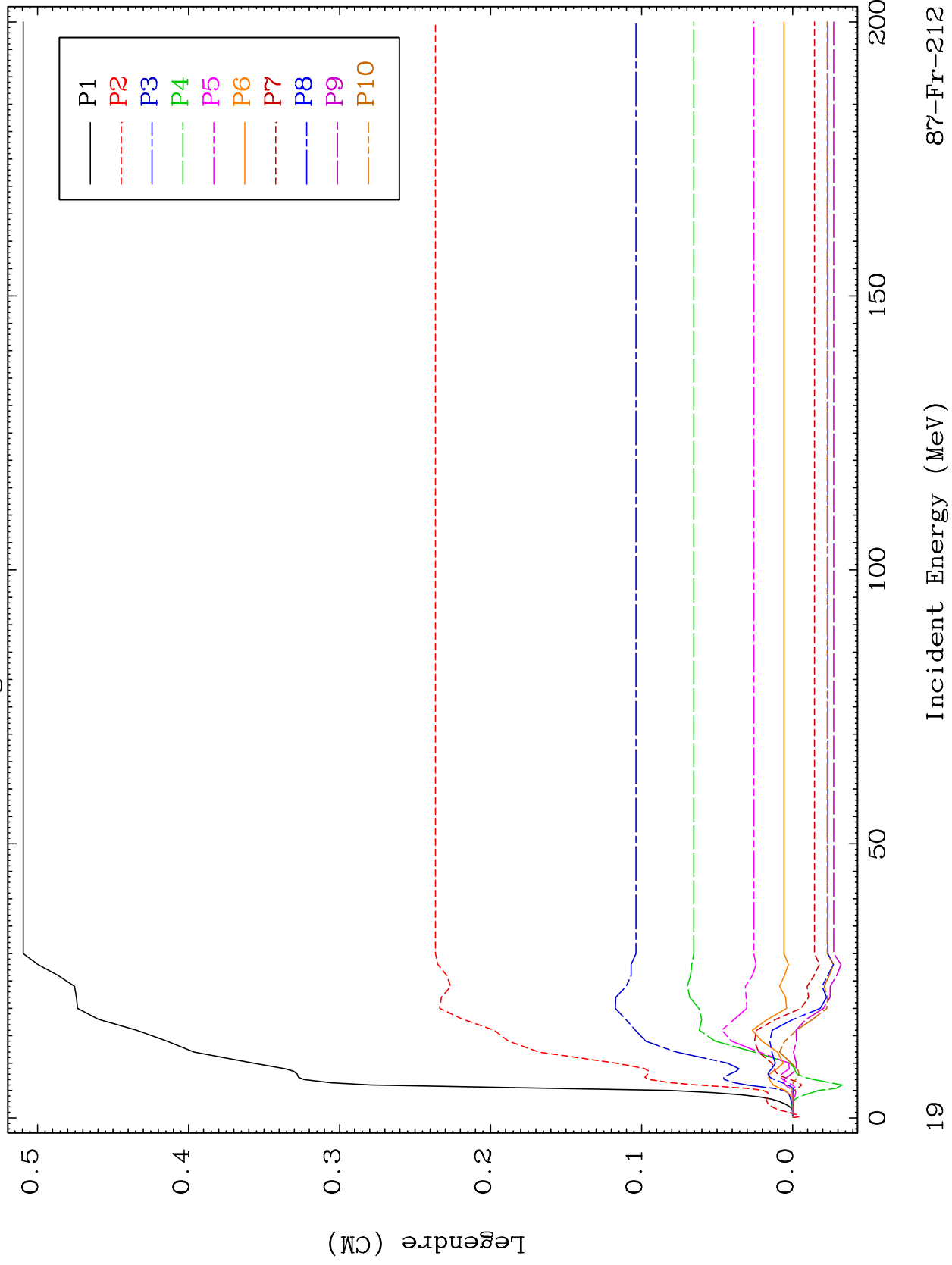
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212

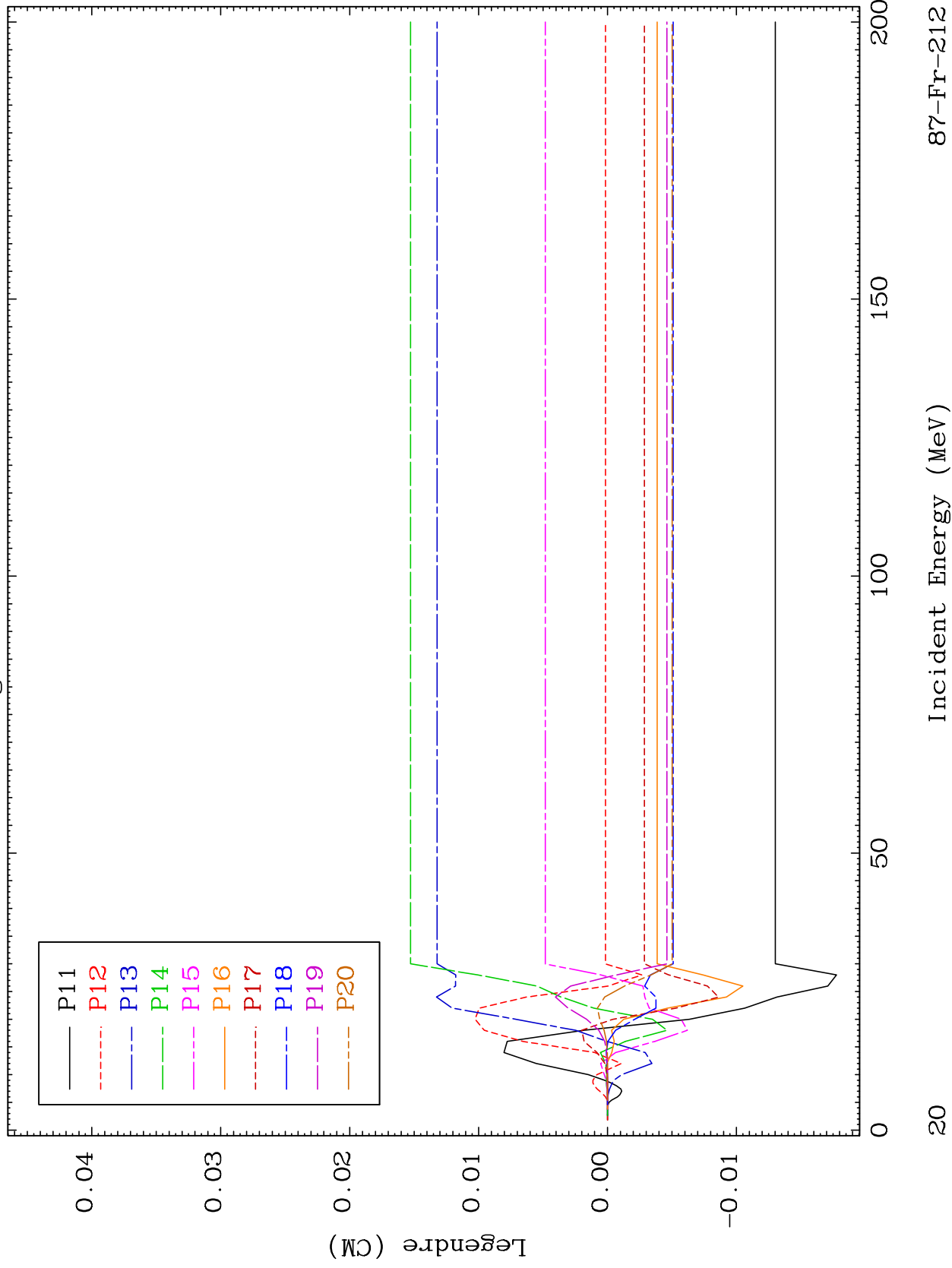


19

MAT 8725

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

87-Fr-212



87-Fr-212

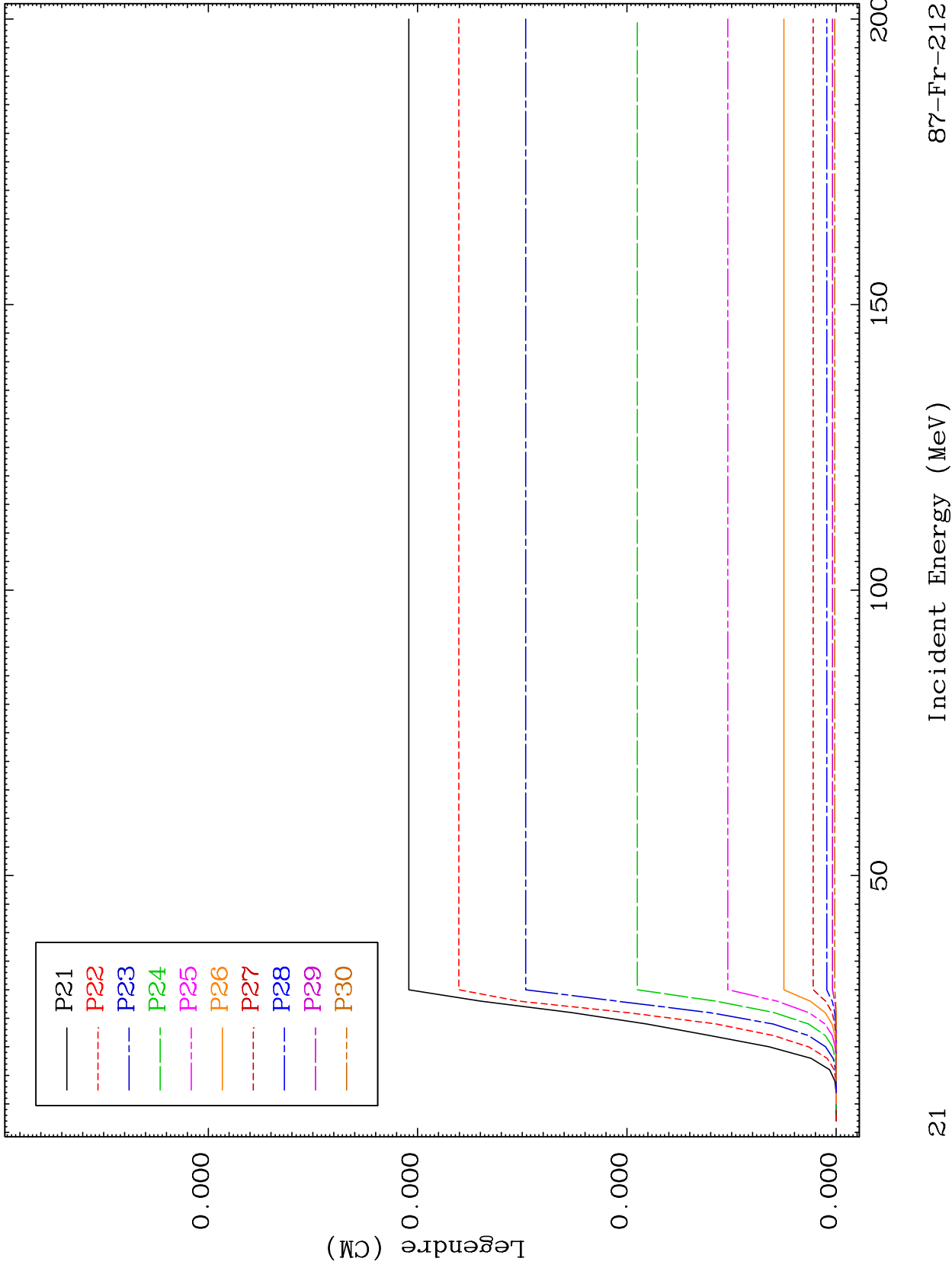
Incident Energy (MeV)

20

MAT 8725

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

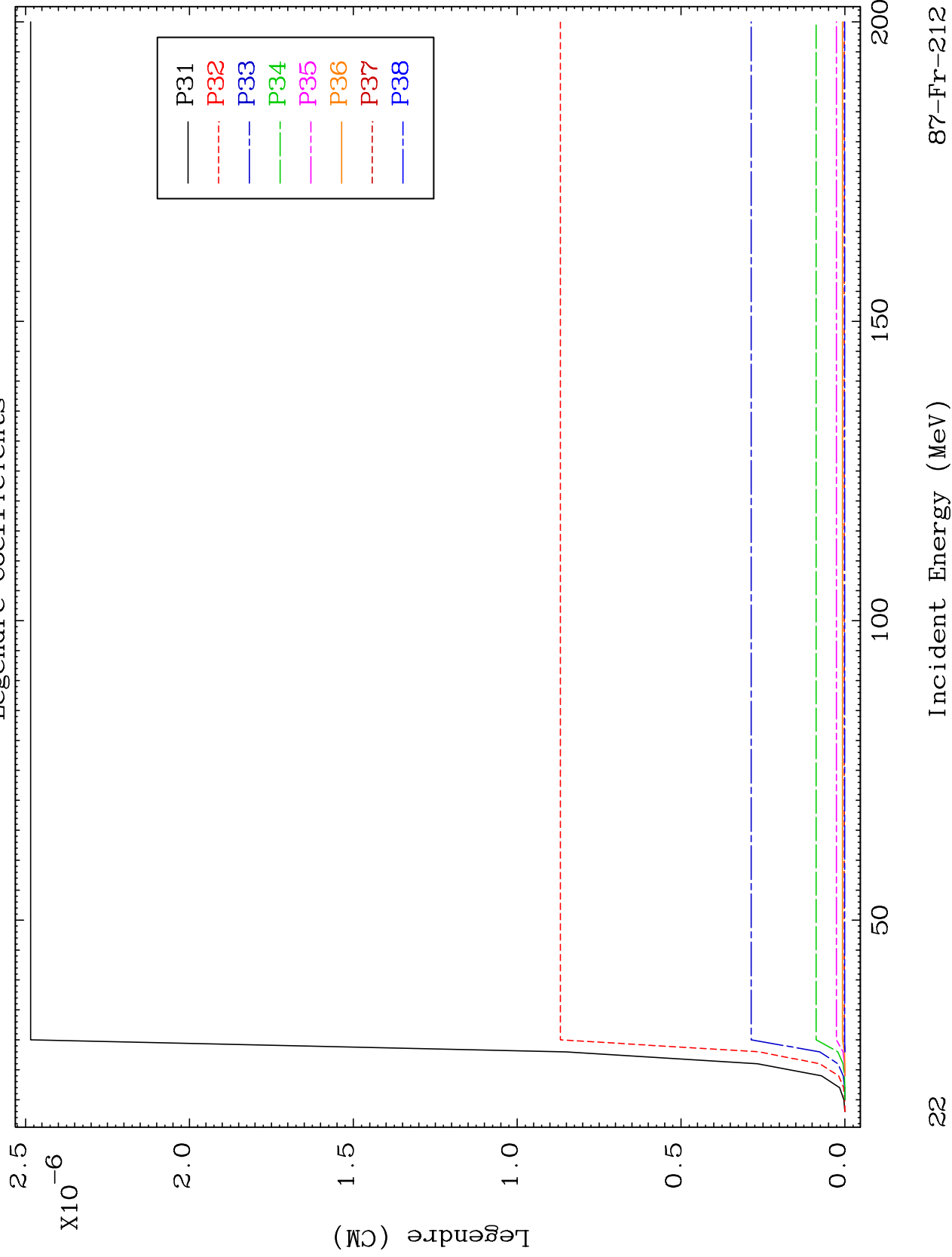
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21

Incident Energy (MeV)

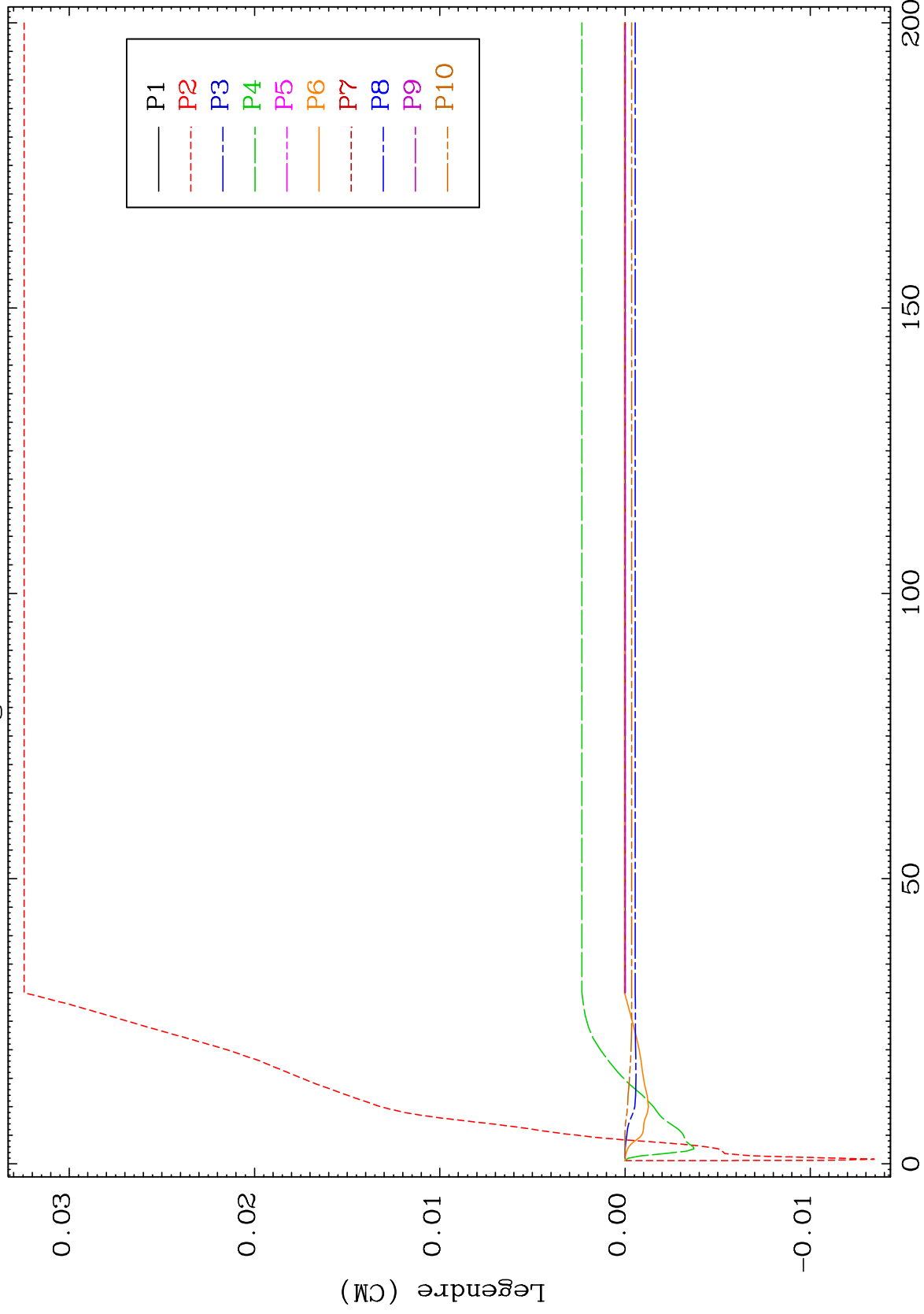
87-Fr-212



MAT 8725

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

87-Fr-212



23

Incident Energy (MeV)

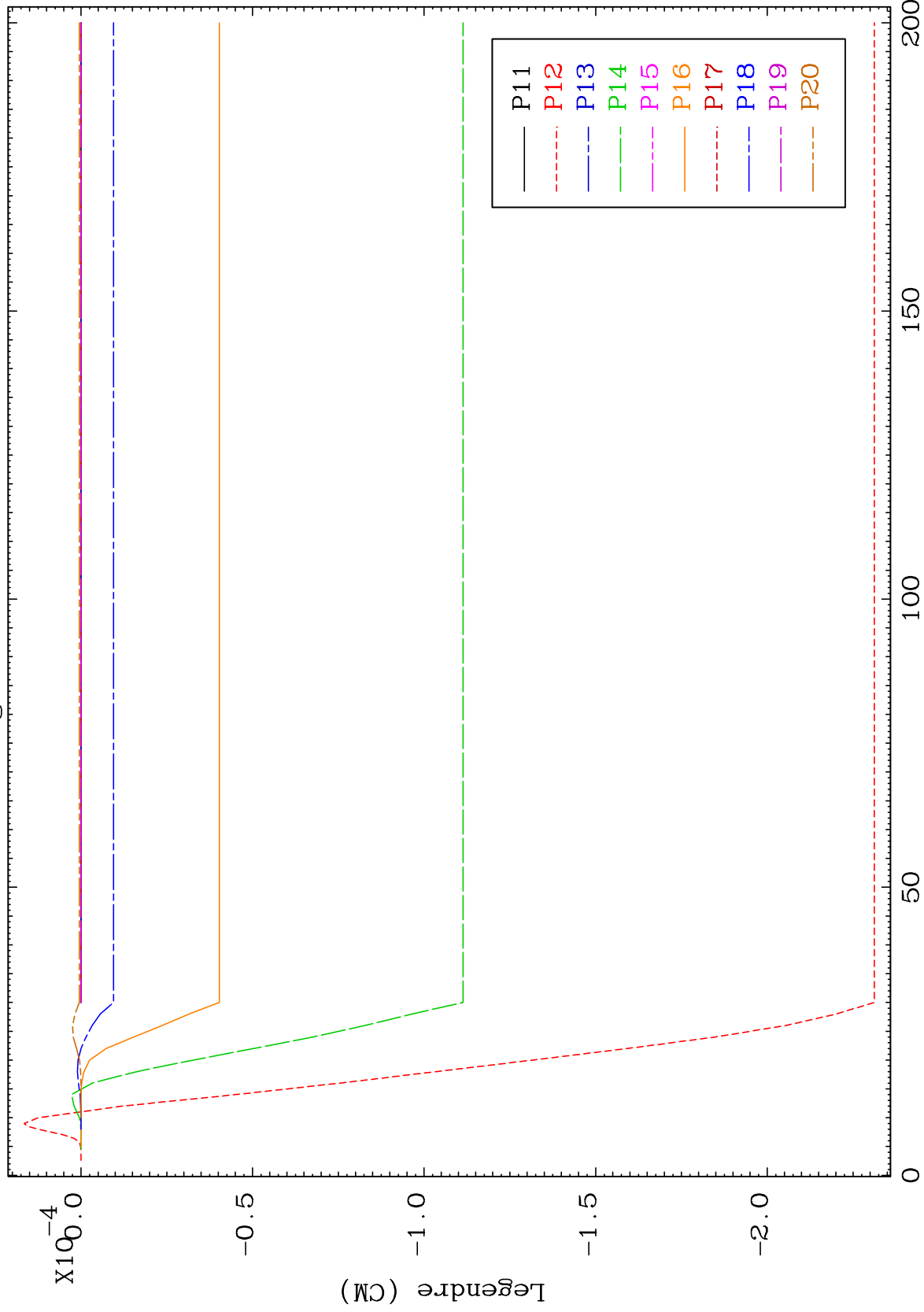
87-Fr-212

MAT 8725

MT= 52 (n,n') Level

87-Fr-212

Legendre Coefficients



24

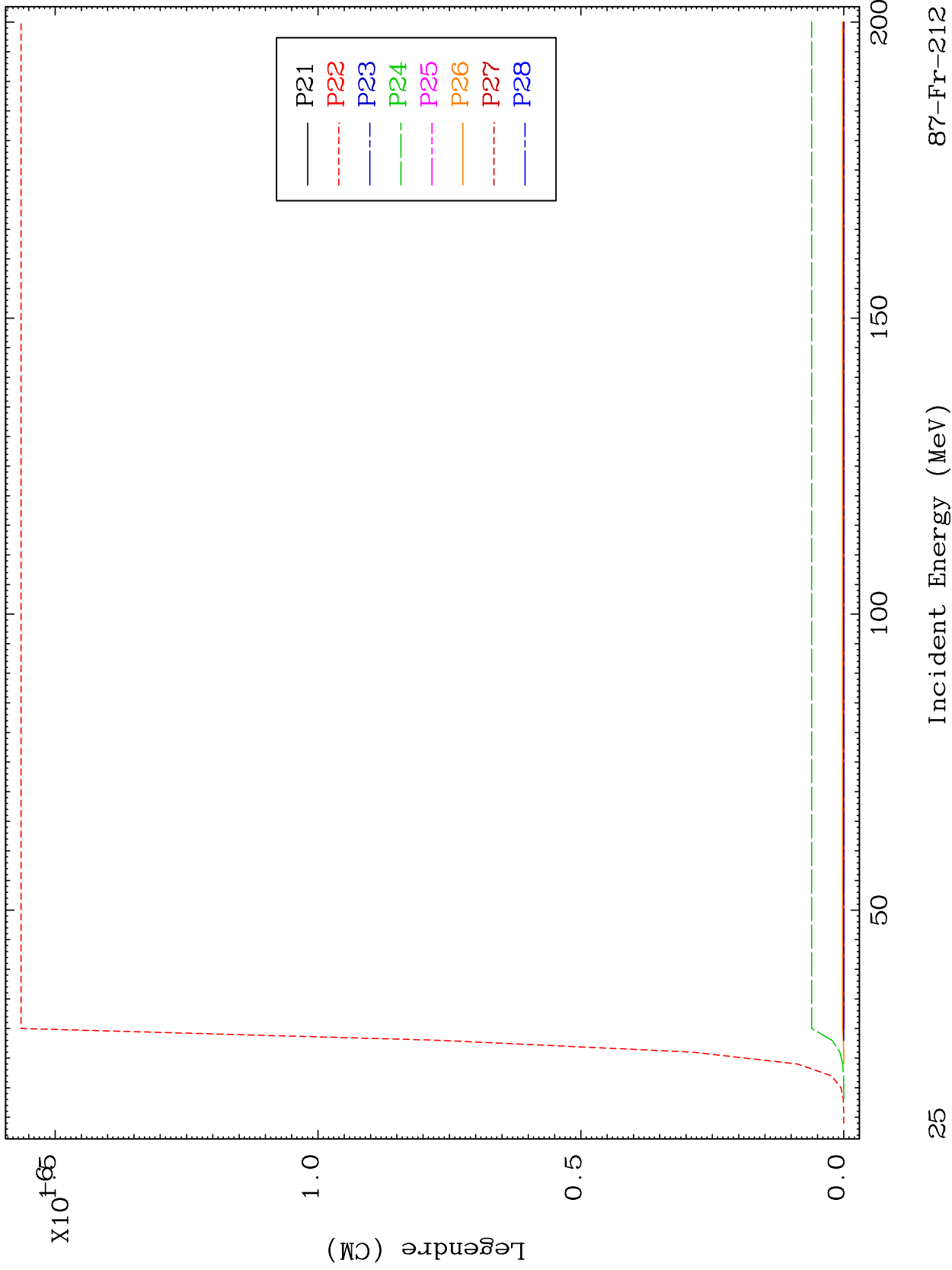
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



87-Fr-212

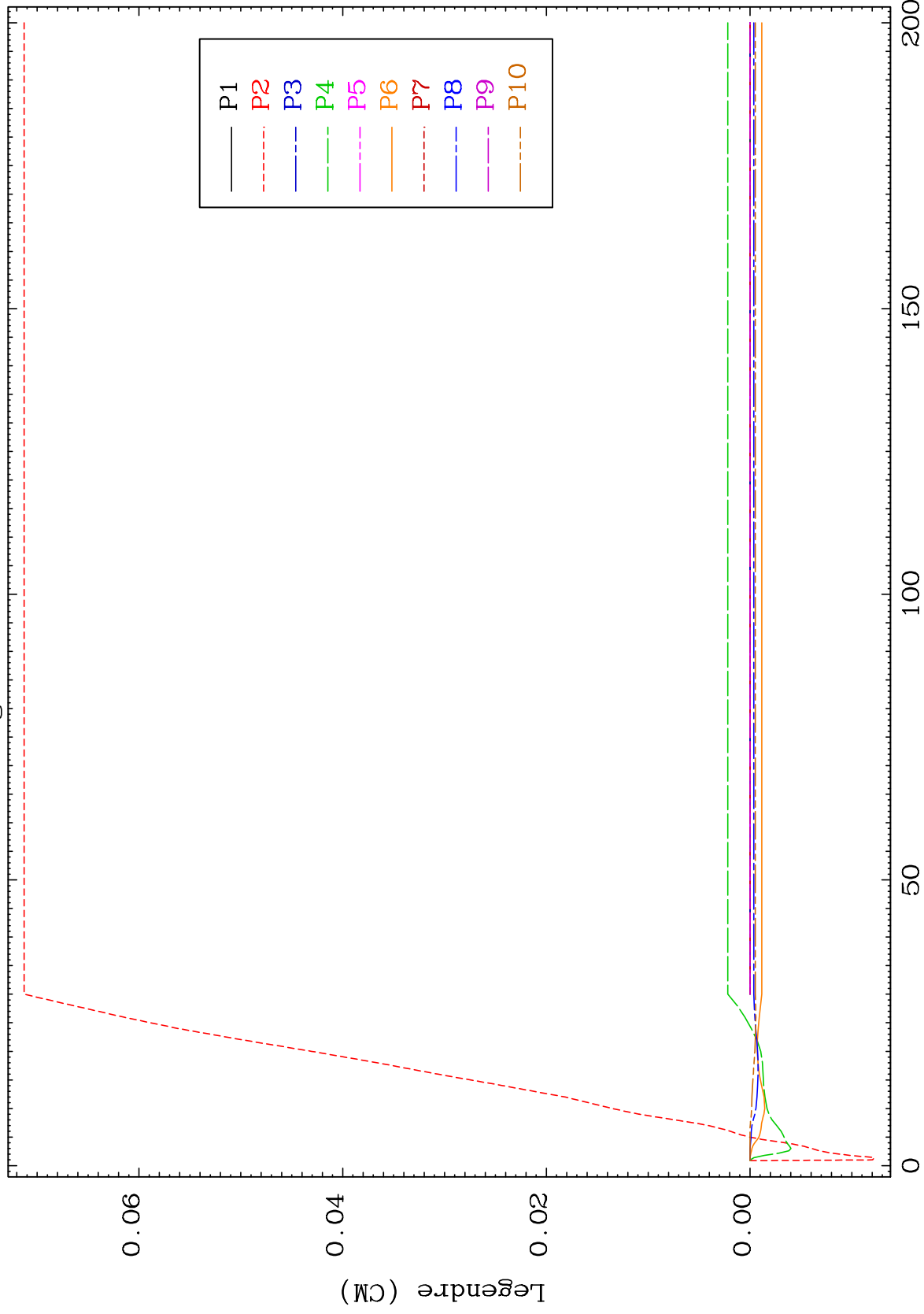
Incident Energy (MeV)

25

MAT 8725

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

87-Fr-212



26

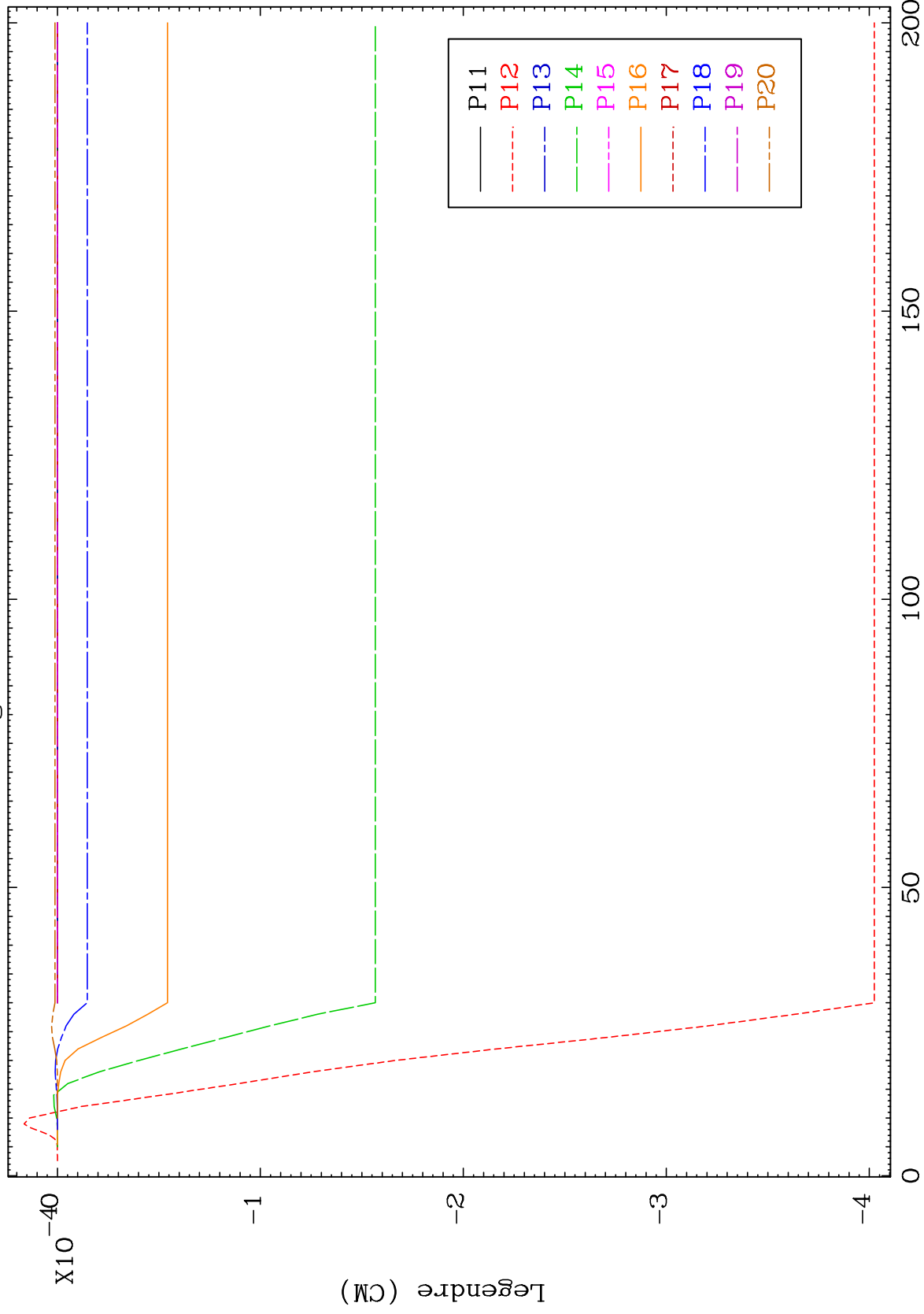
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



27

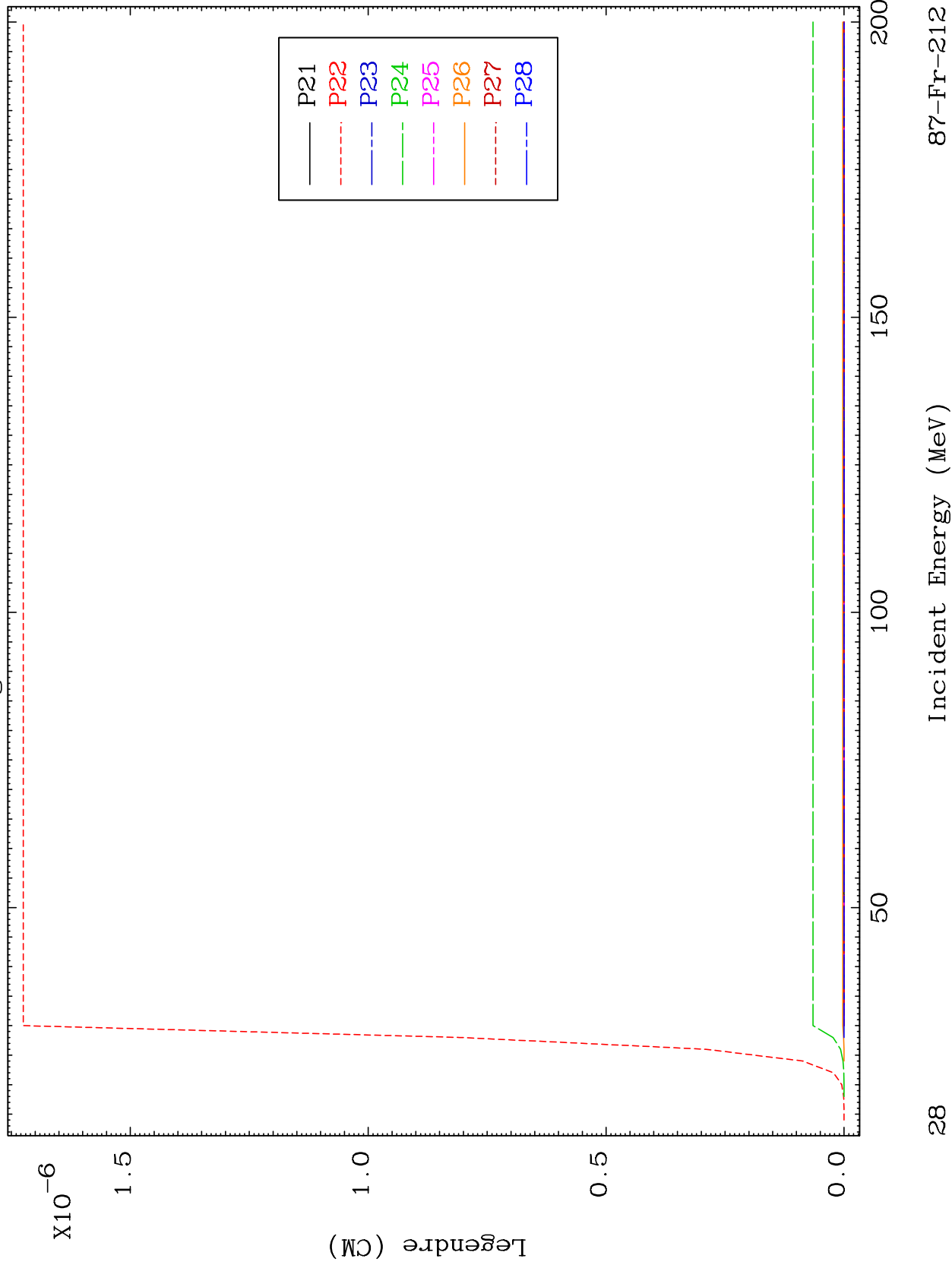
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

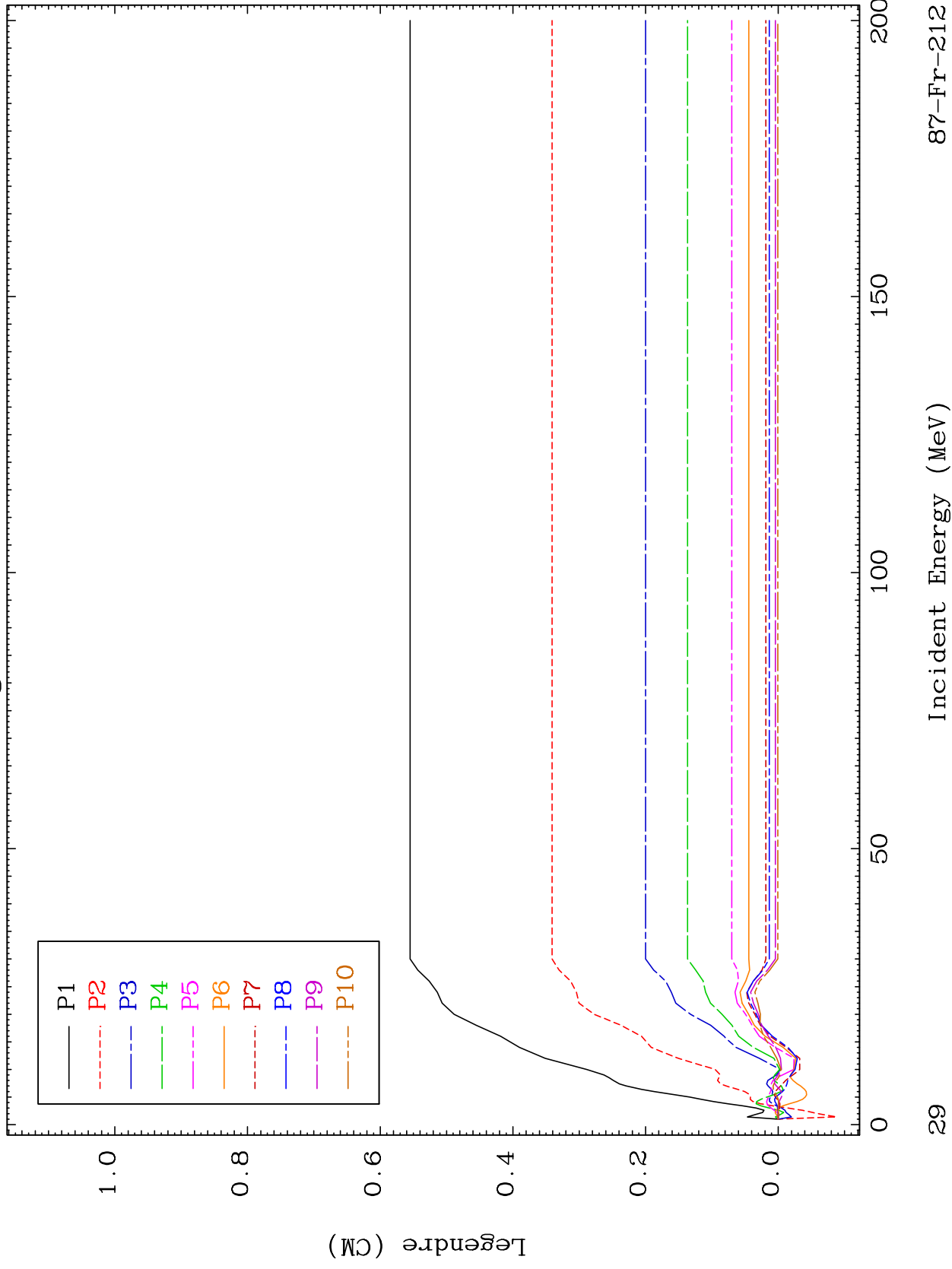
87-Fr-212



MAT 8725

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

87-Fr-212



87-Fr-212

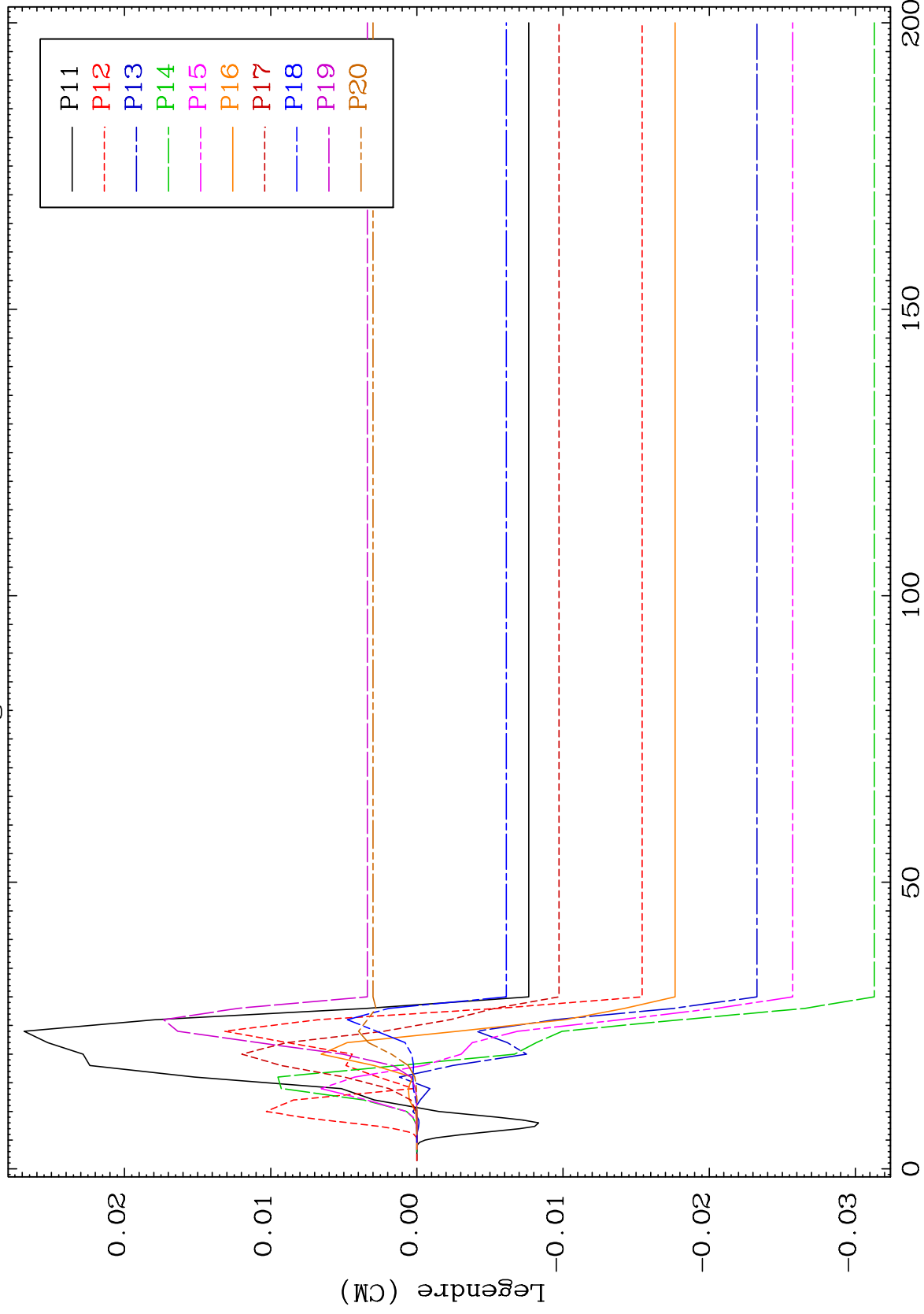
Incident Energy (MeV)

29

MAT 8725

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

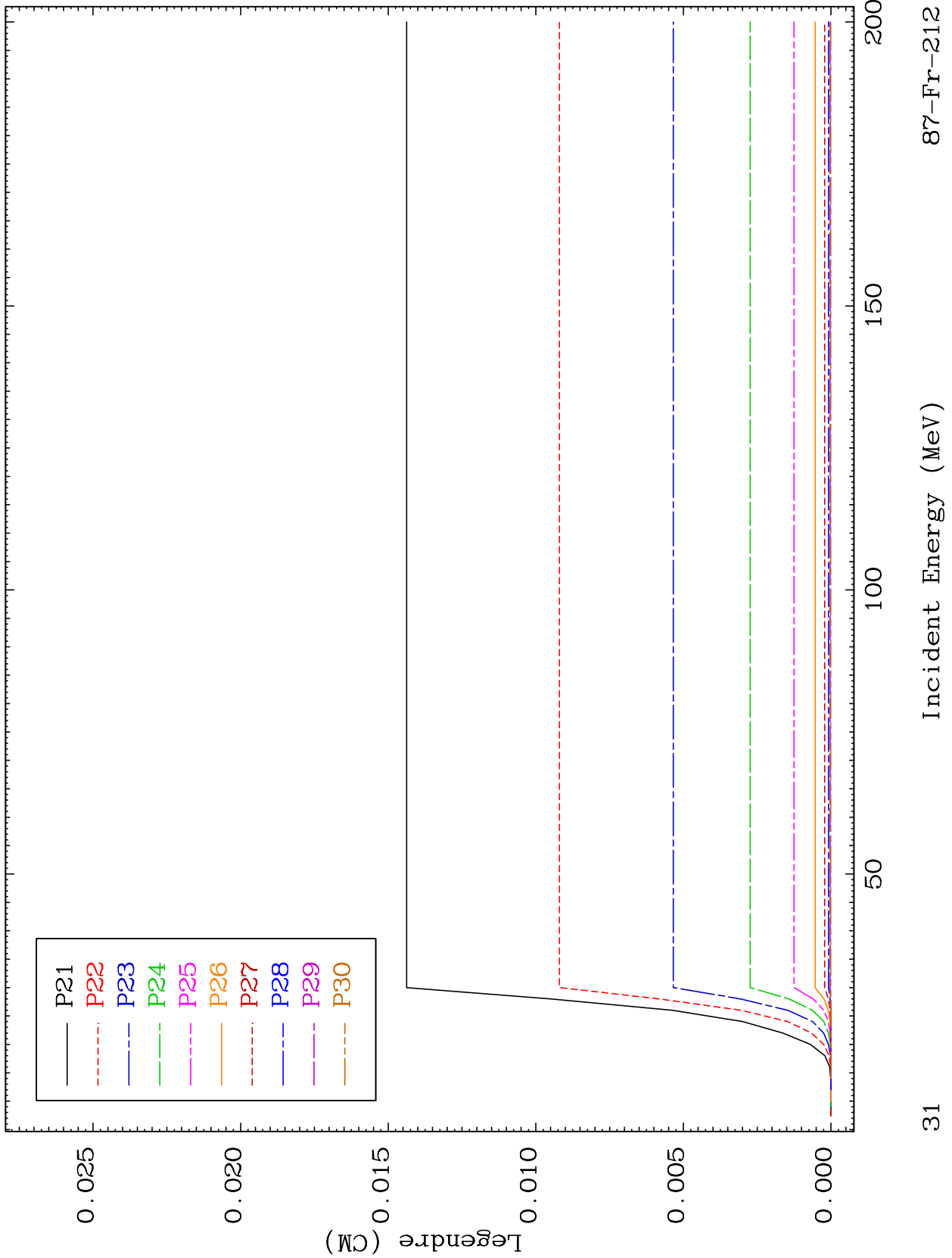
87-Fr-212



87-Fr-212

Incident Energy (MeV)

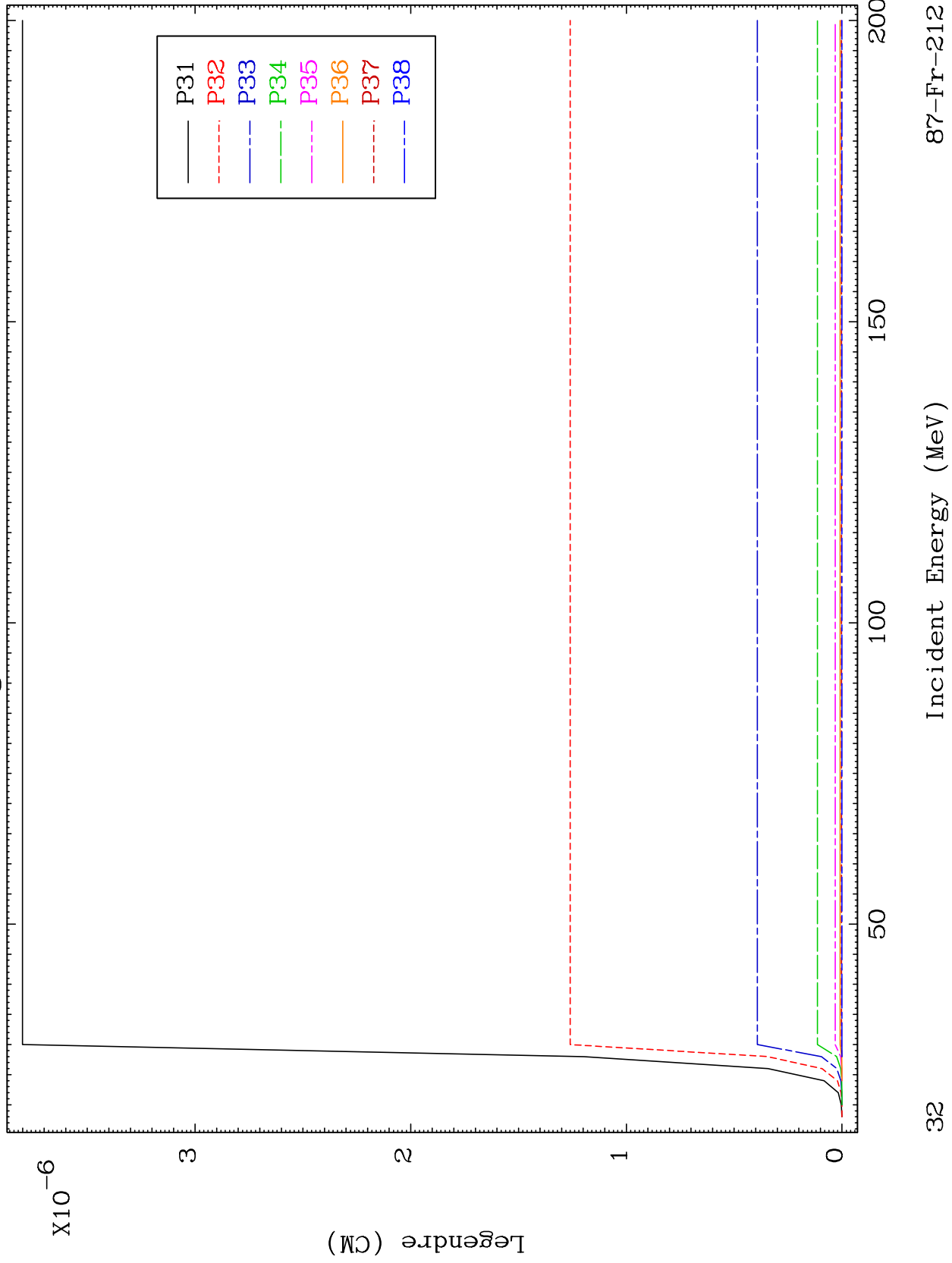
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MAT 8725

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

87-Fr-212



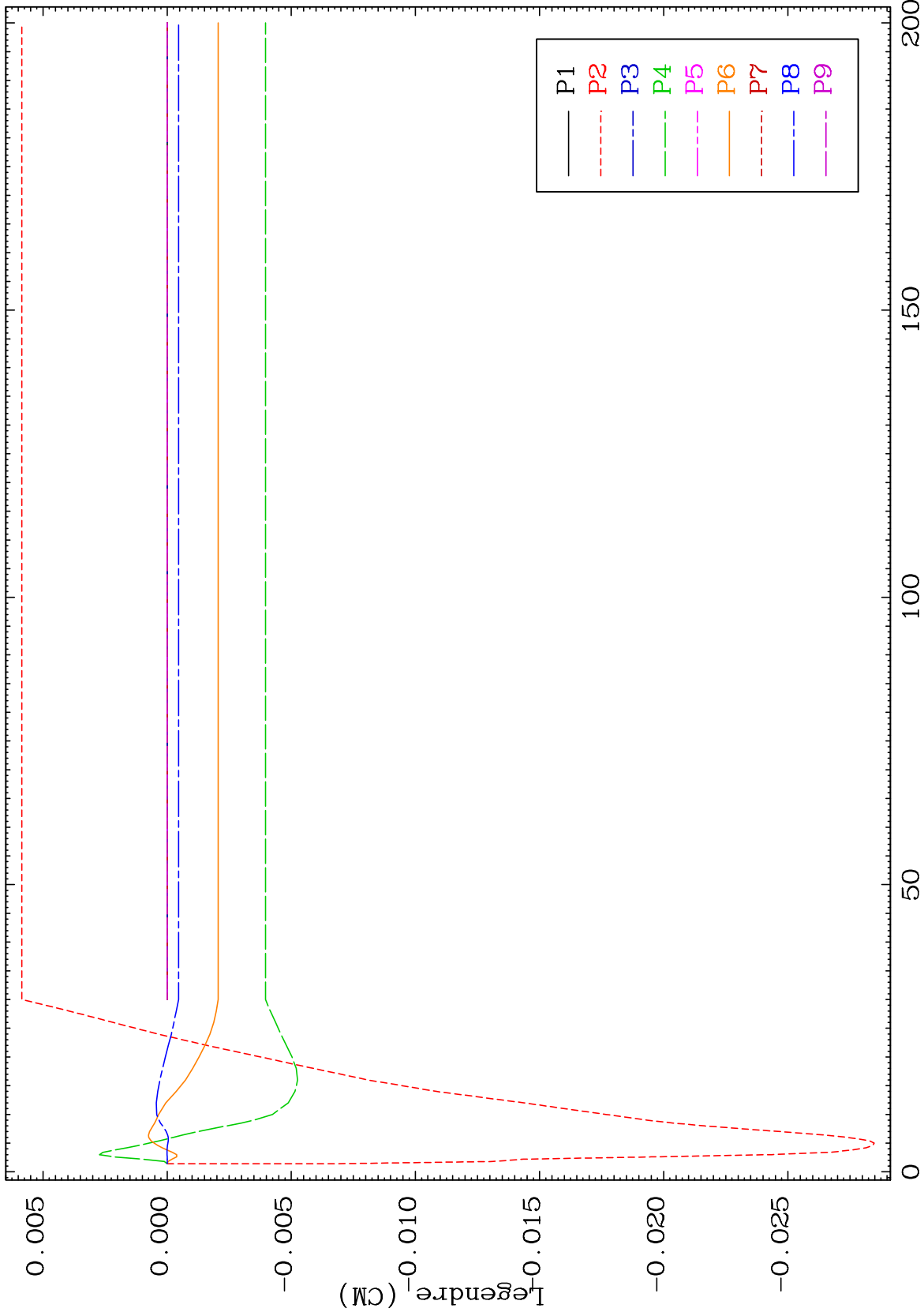
32

87-Fr-212

MAT 8725

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

87-Fr-212

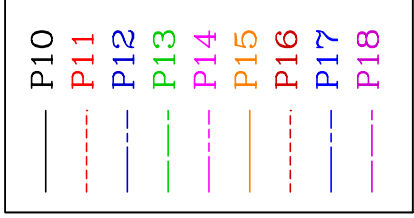


MAT 8725

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

87-Fr-212

$\times 10^{-4}$
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1.5
1.0
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0.0



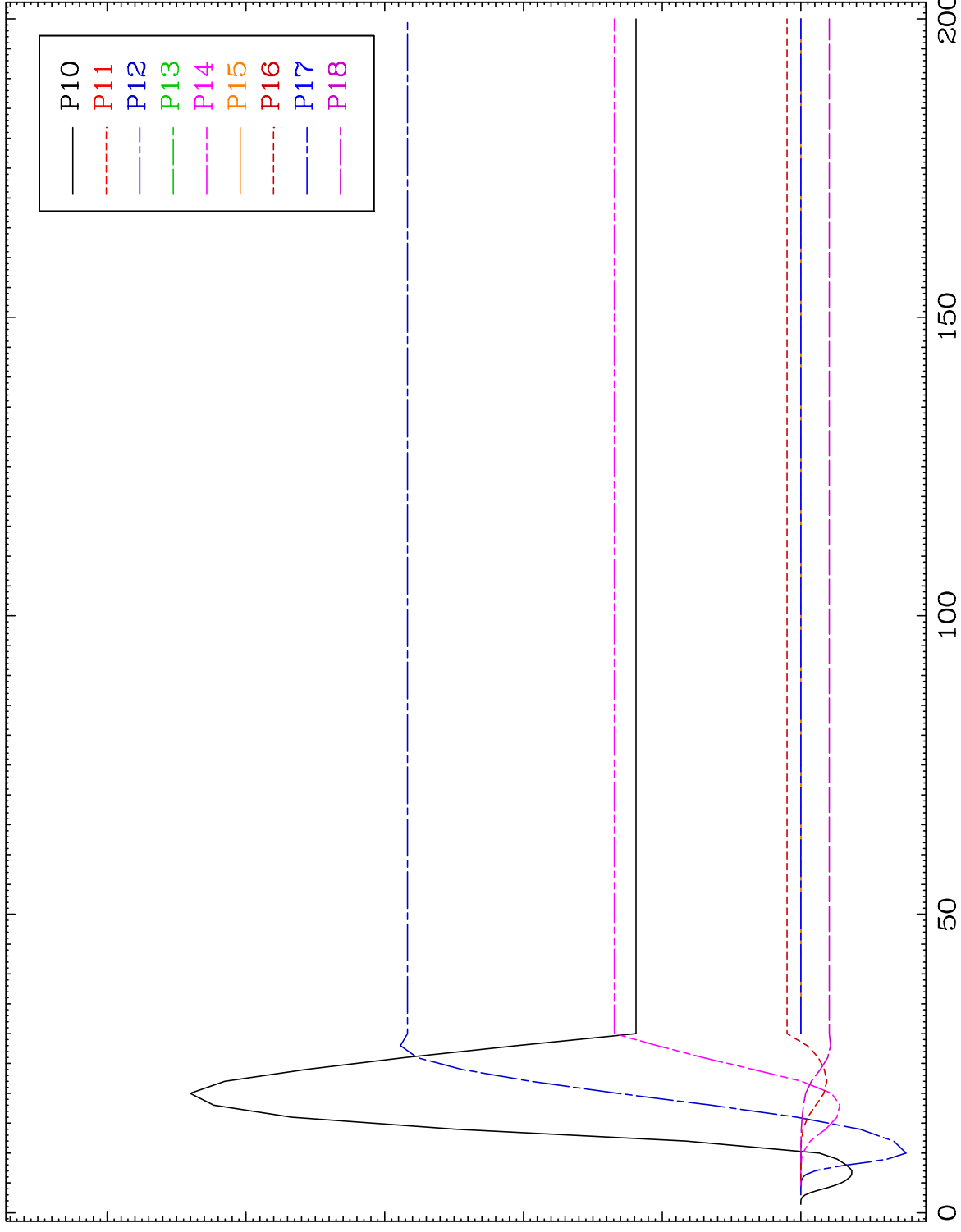
Legendre (CM)

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34

Incident Energy (MeV)

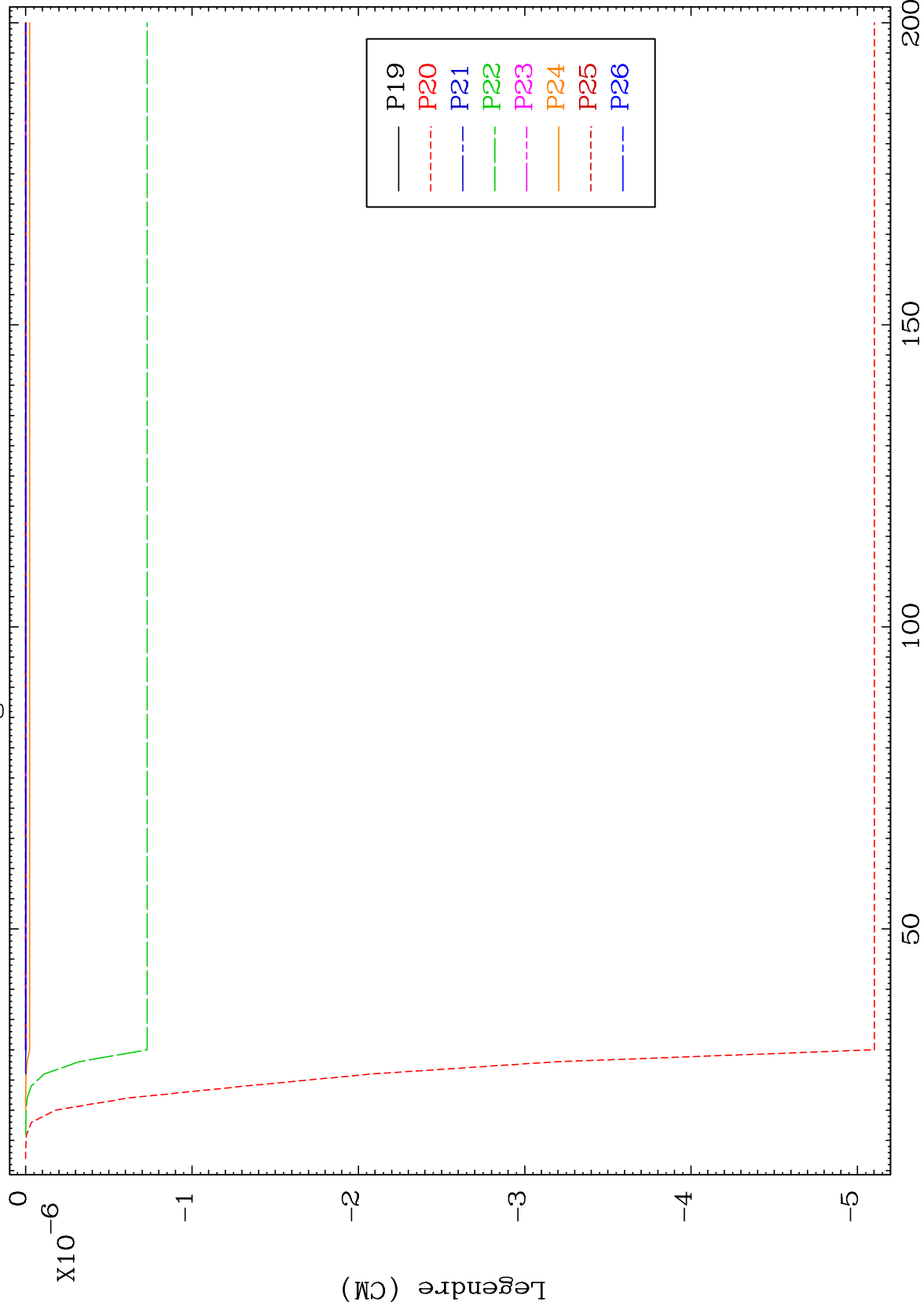
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MAT 8725

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

87-Fr-212



35

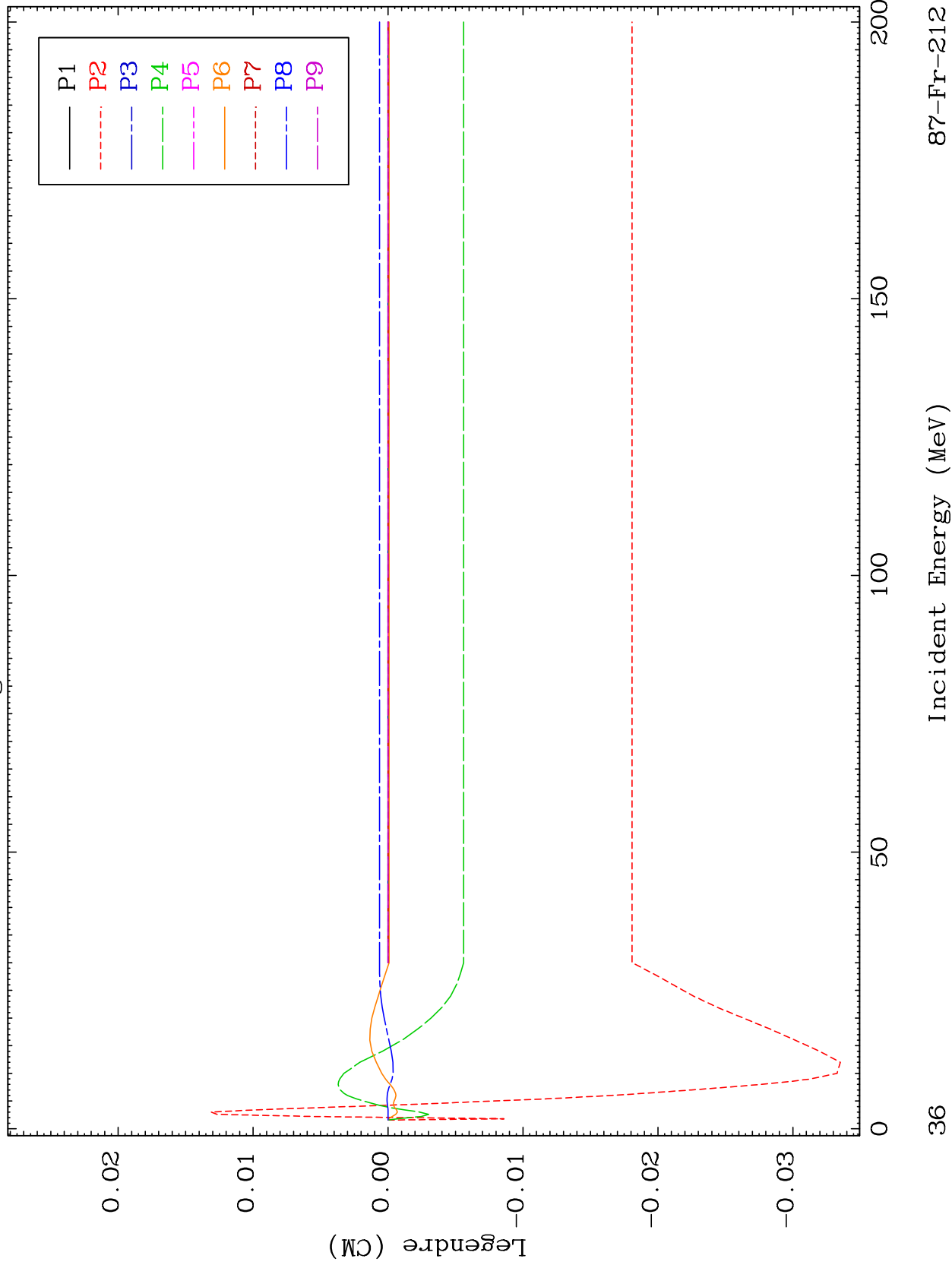
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



87-Fr-212

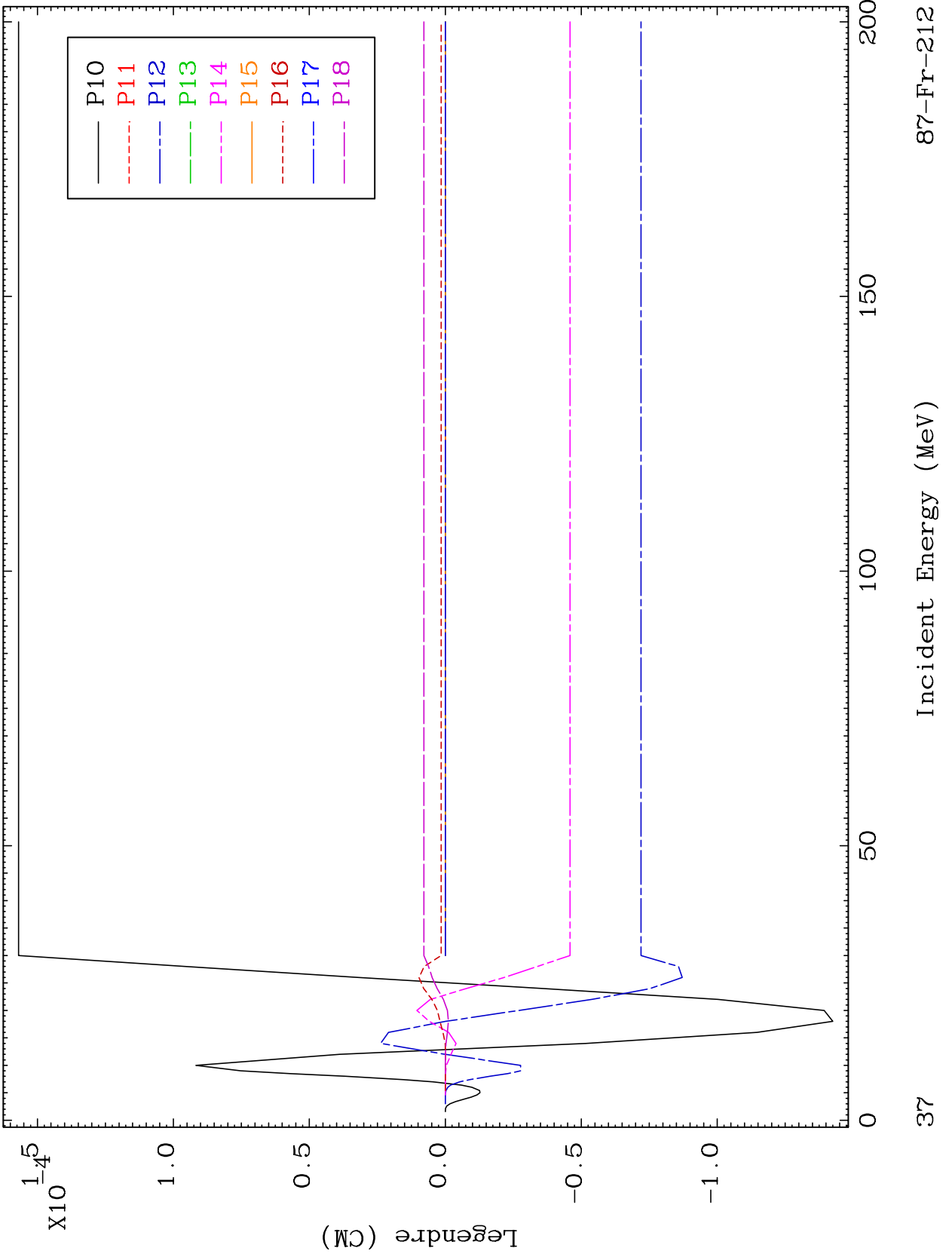
Incident Energy (MeV)

36

MAT 8725

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

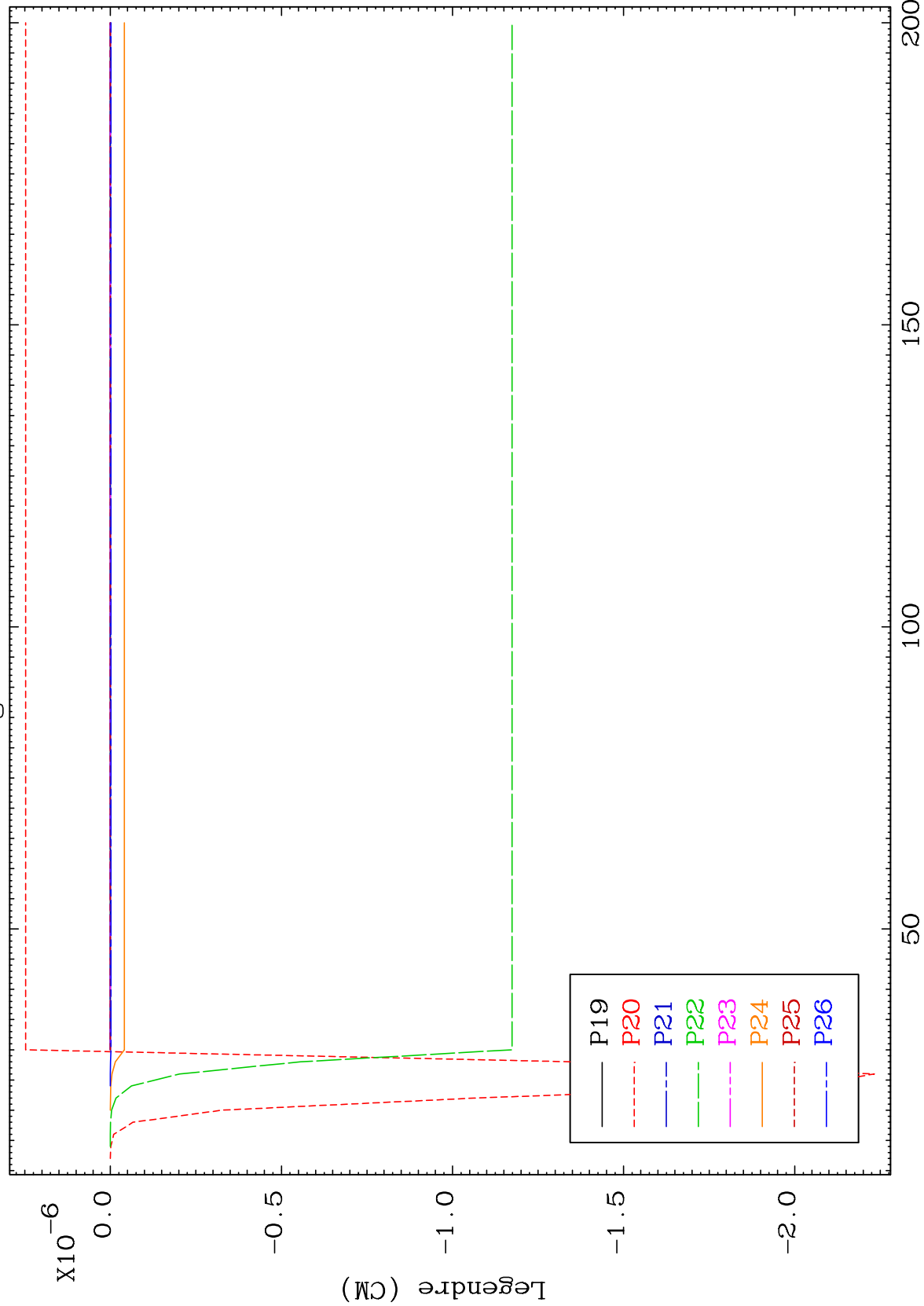
87-Fr-212



MAT 8725

87-Fr-212

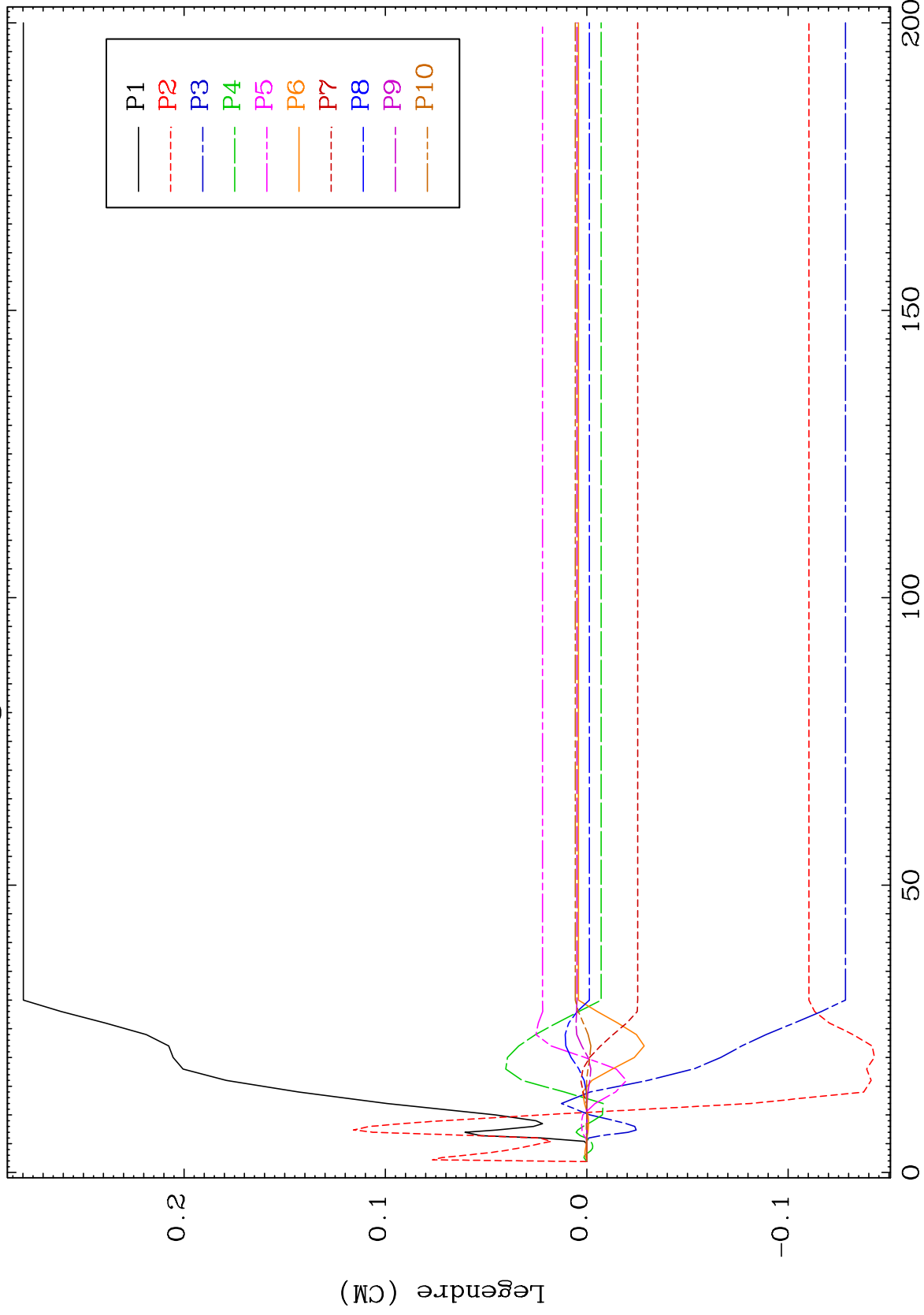
MT= 56 (n,n') Level
Legendre Coefficients



MAT 8725

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

87-Fr-212



39

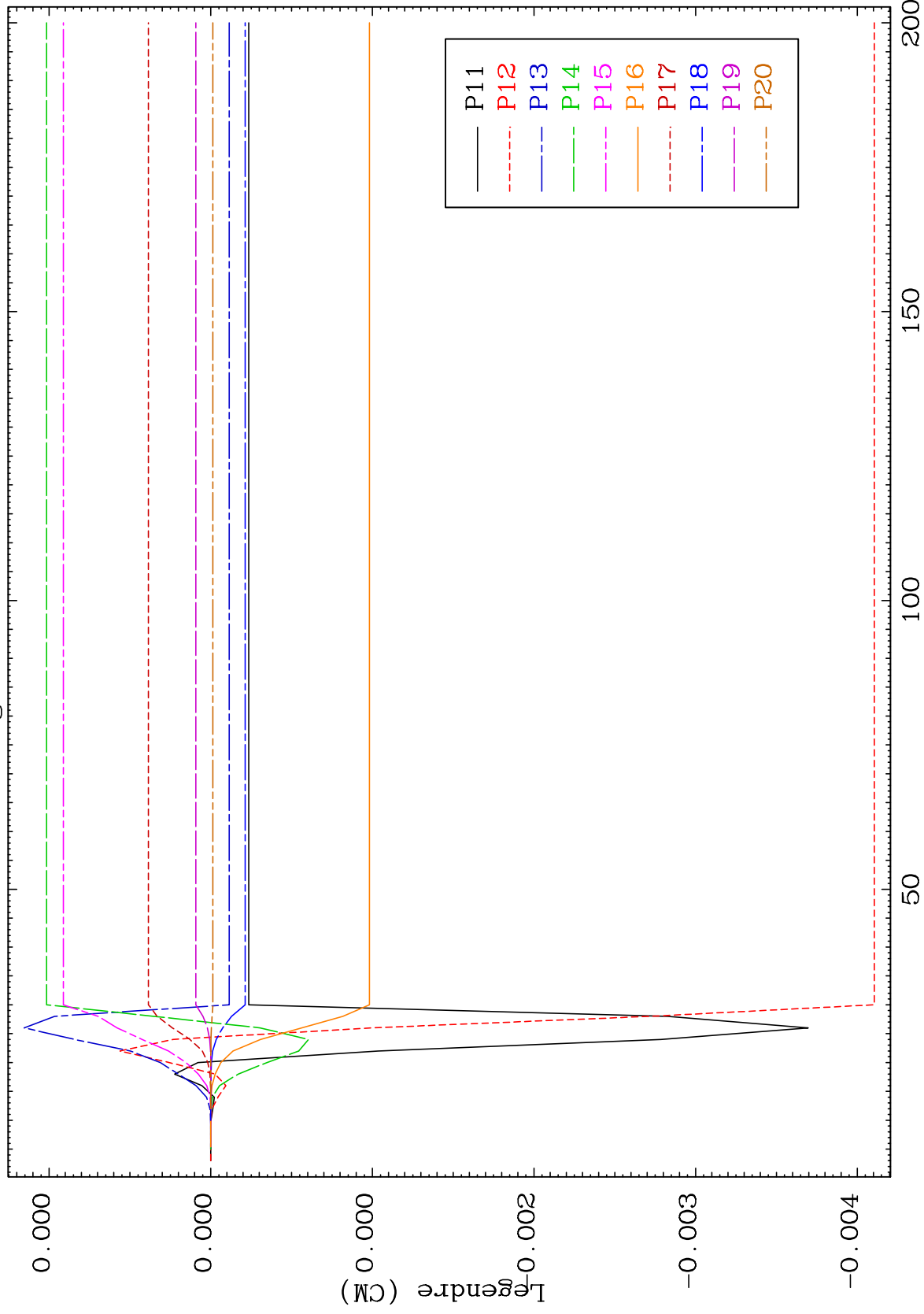
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



40

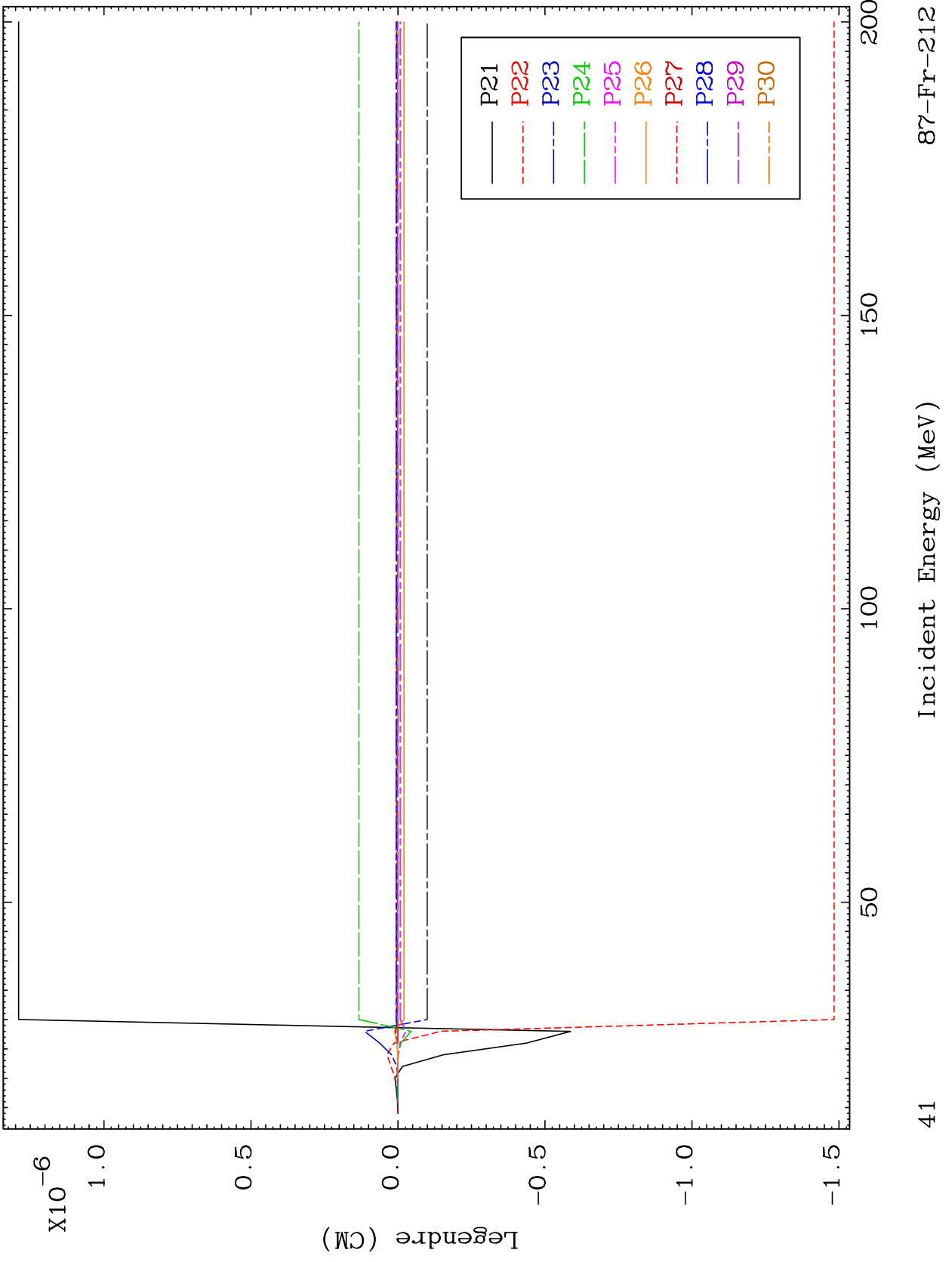
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

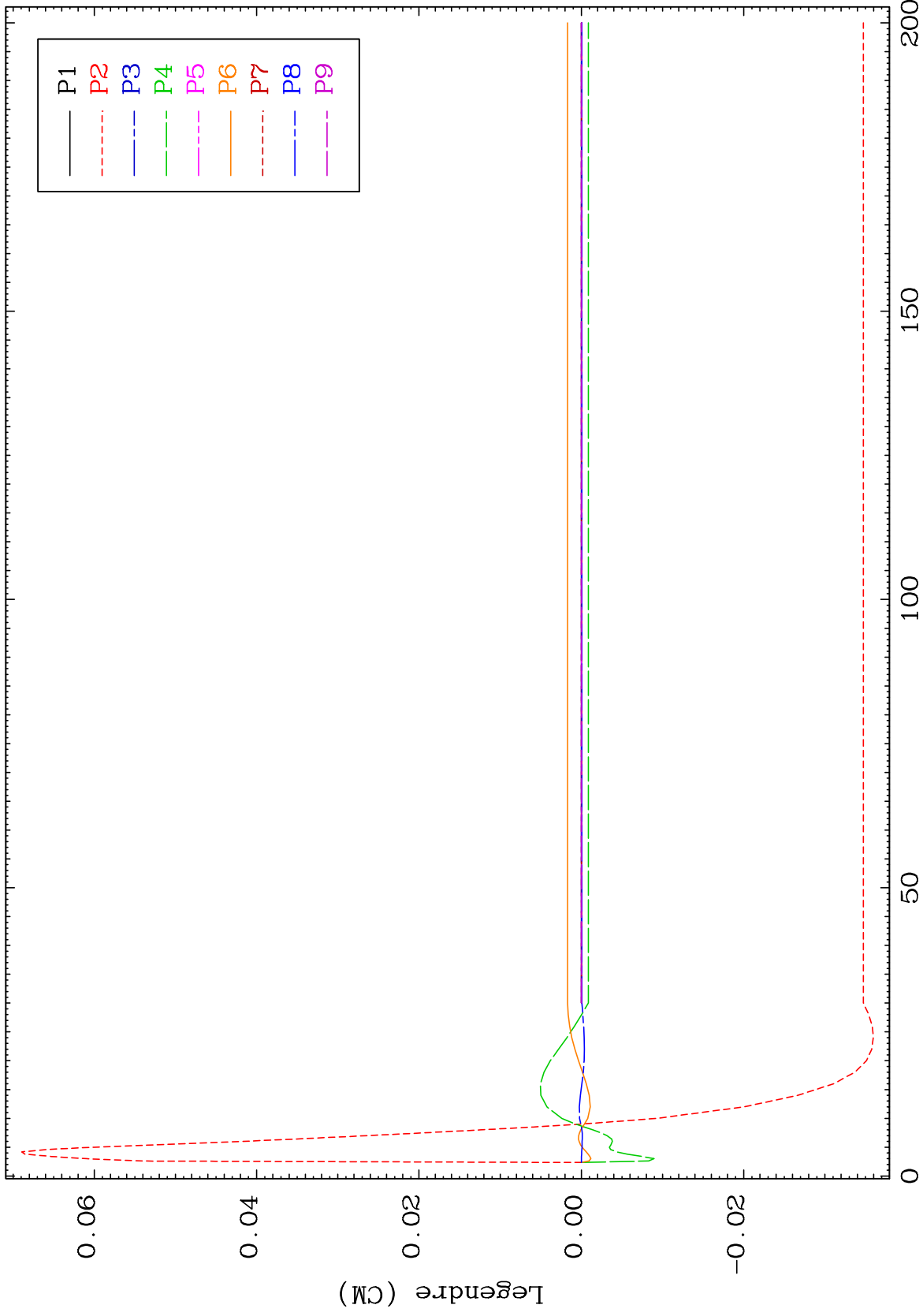
87-Fr-212



MAT 8725

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

87-Fr-212



42

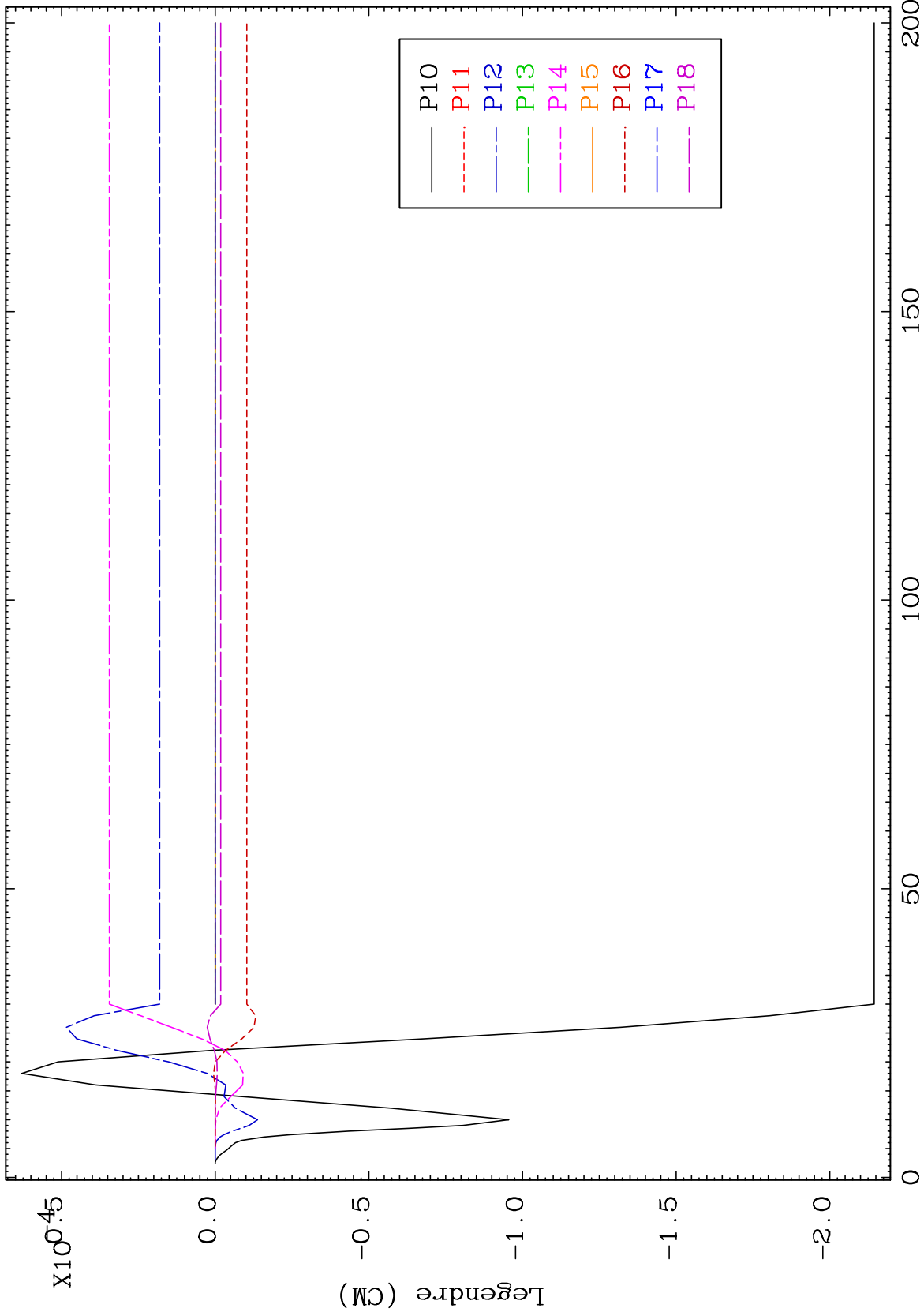
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



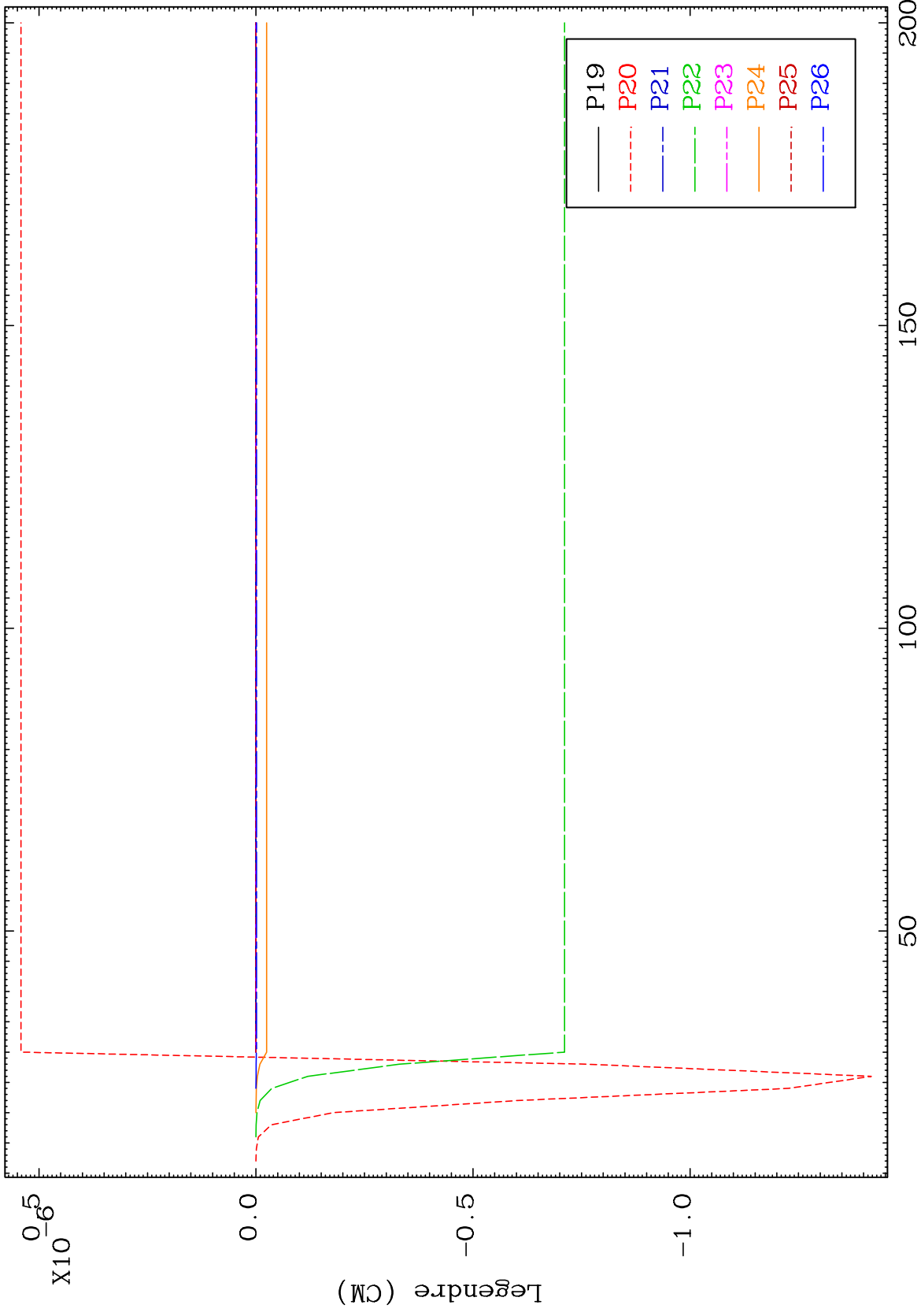
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87-Fr-212

MAT 8725

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

87-Fr-212



44

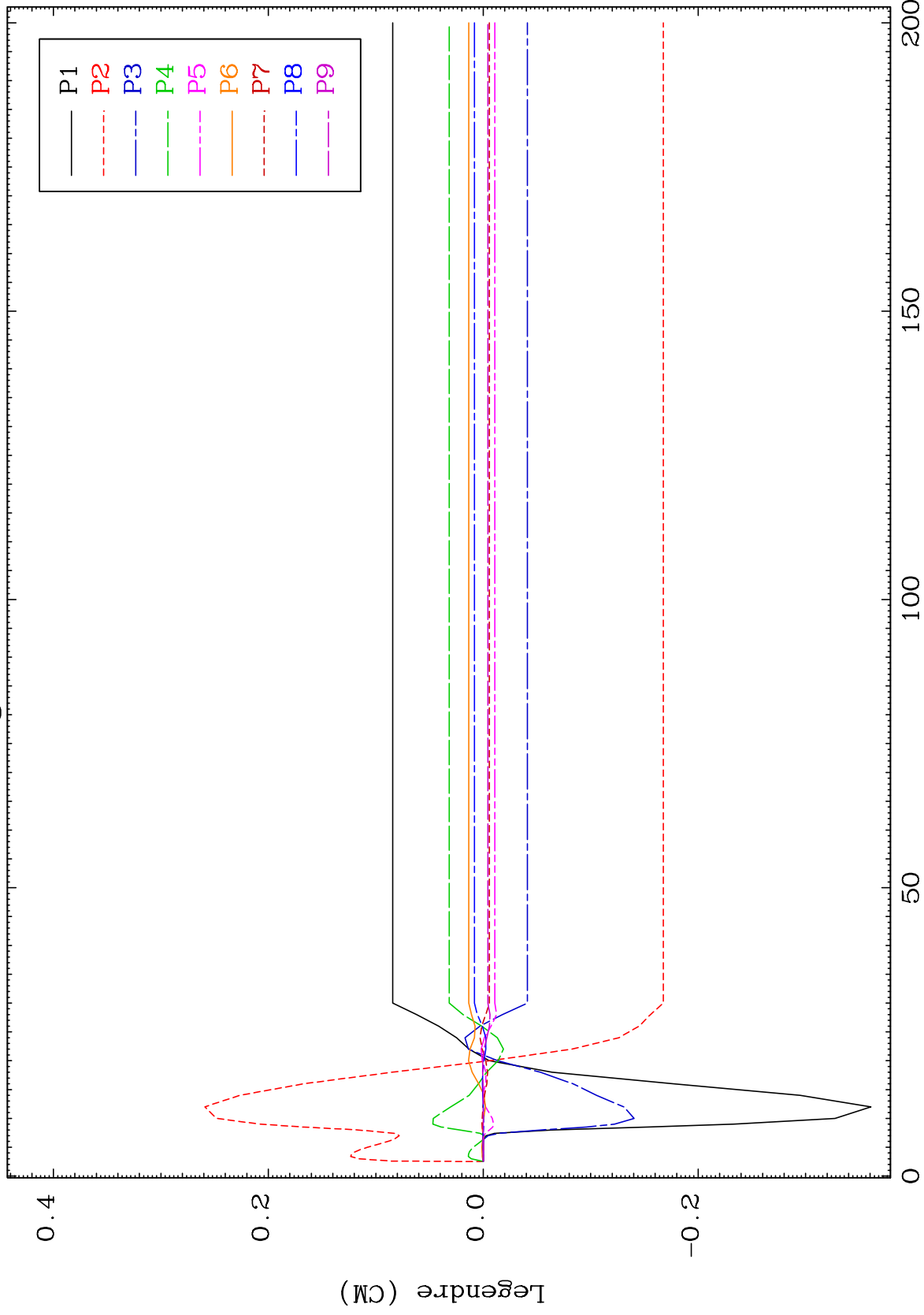
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



45

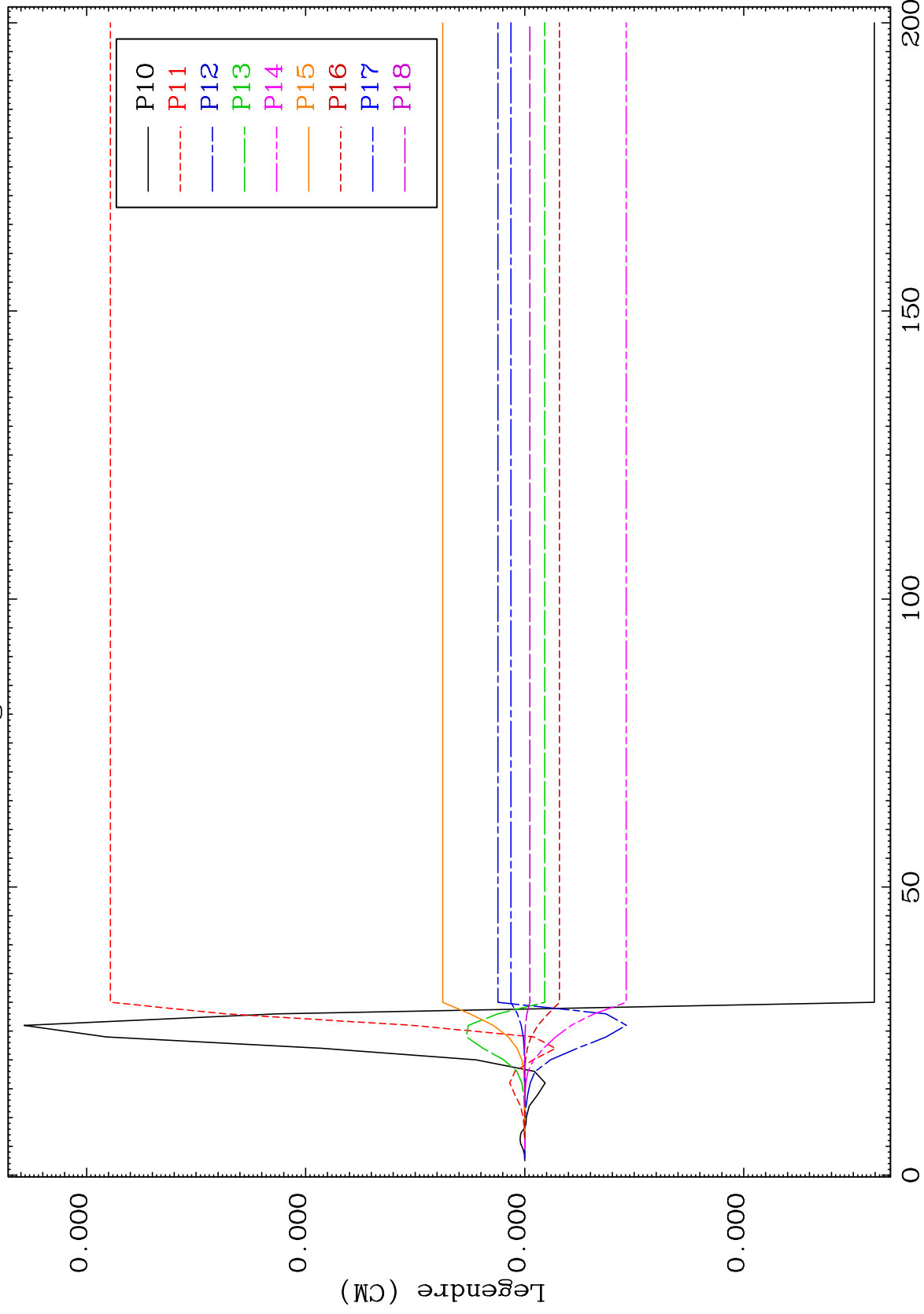
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



46

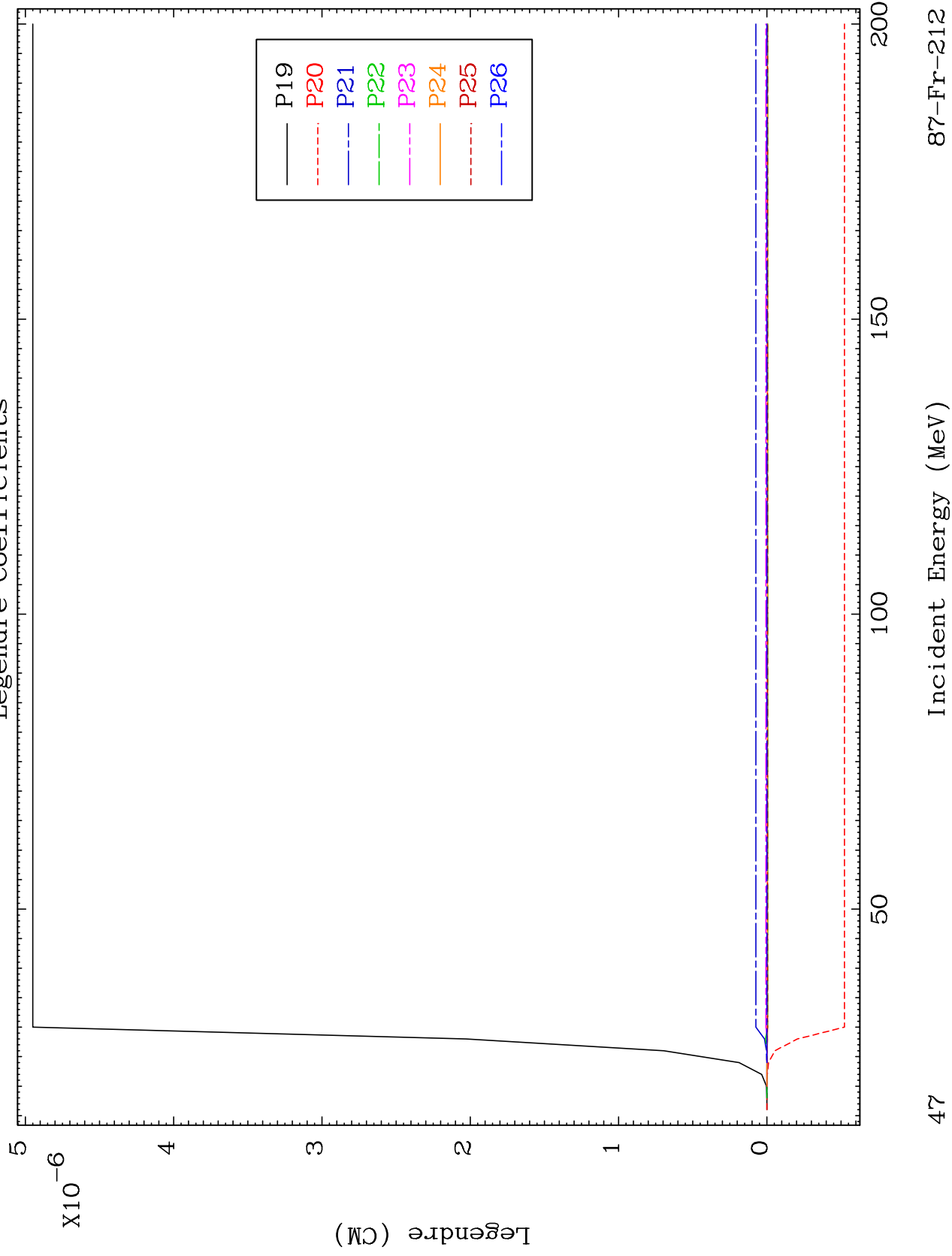
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



47

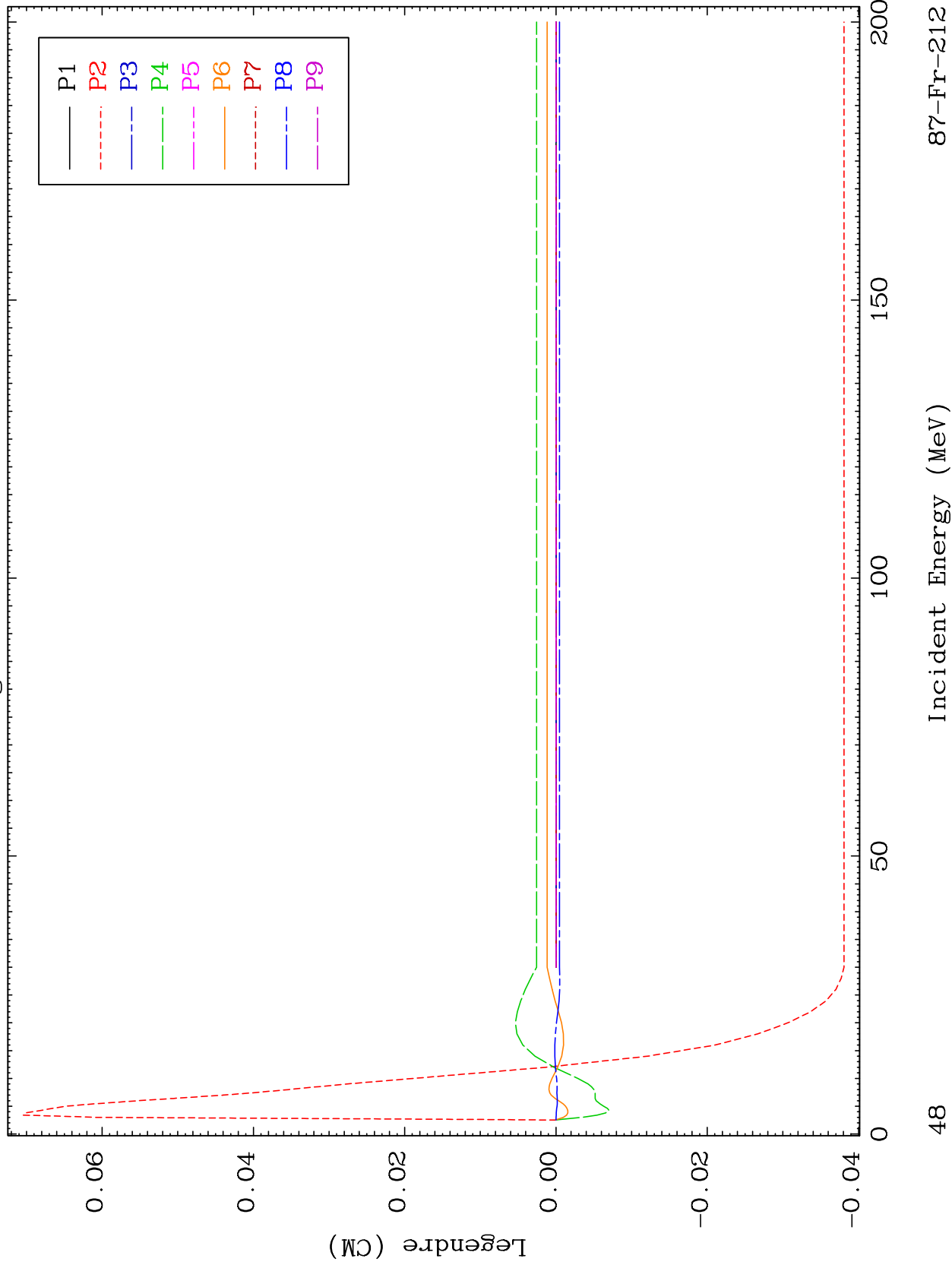
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



87-Fr-212

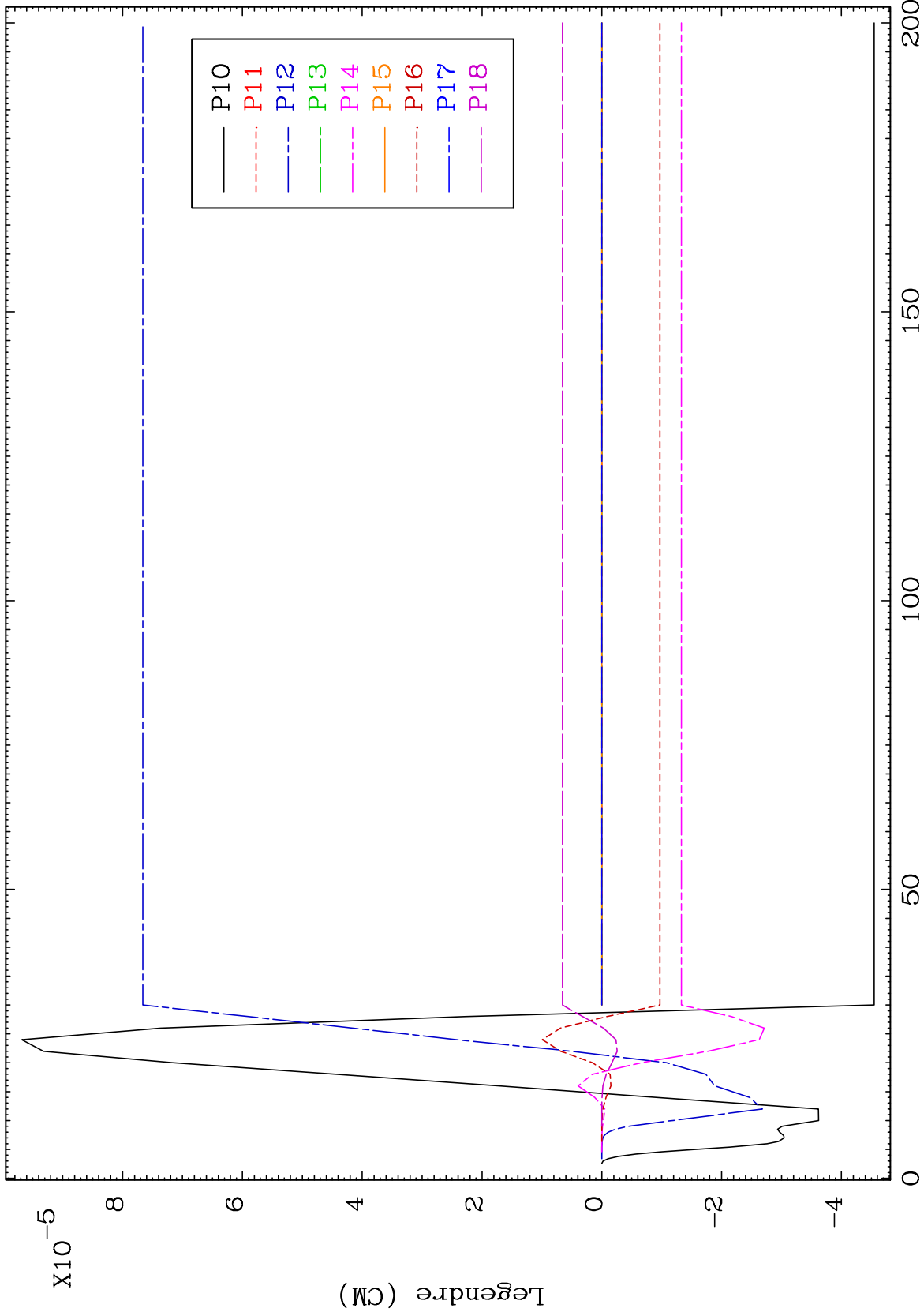
Incident Energy (MeV)

48

MAT 8725

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

87-Fr-212



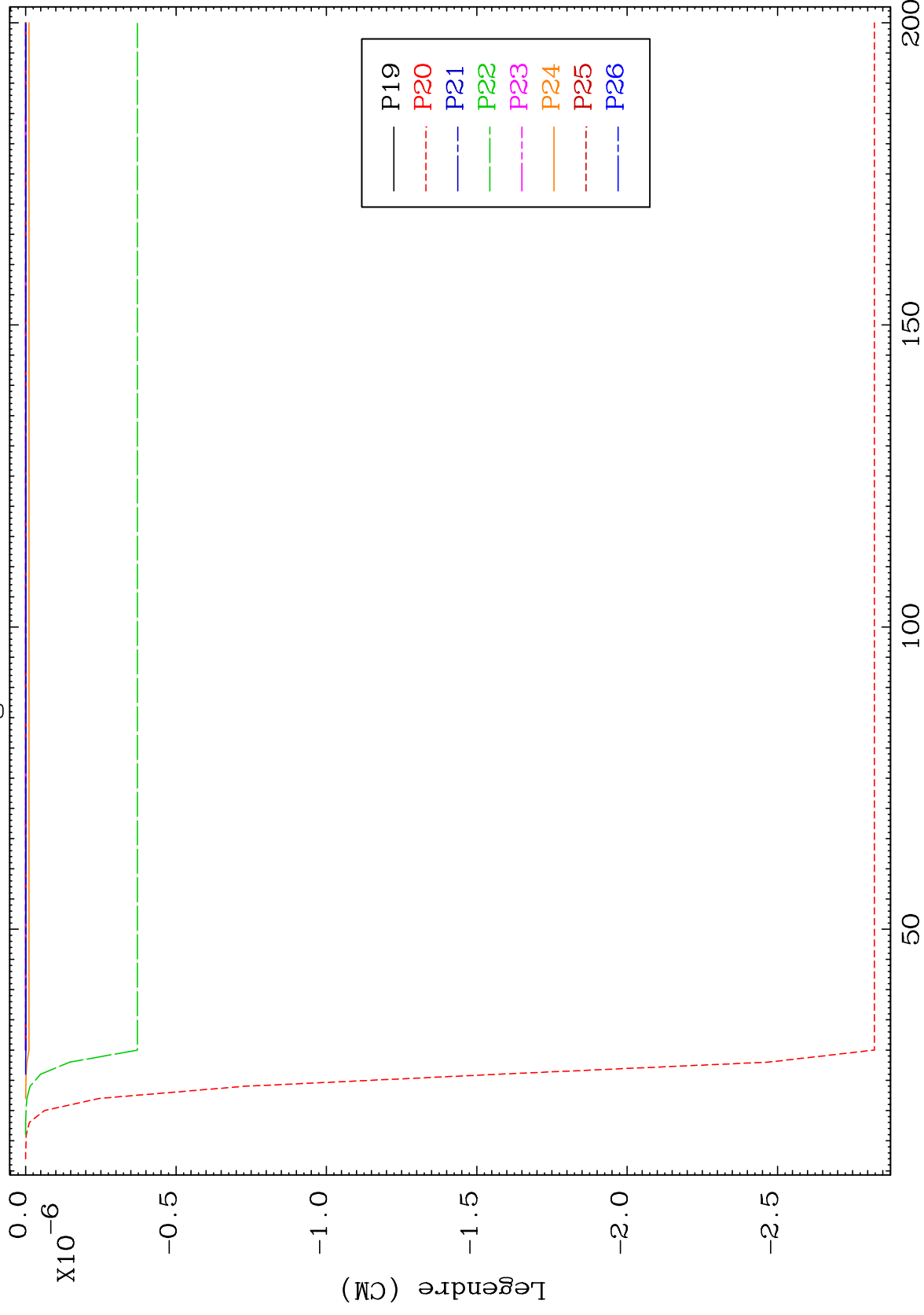
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87-Fr-212

MAT 8725

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

87-Fr-212



50

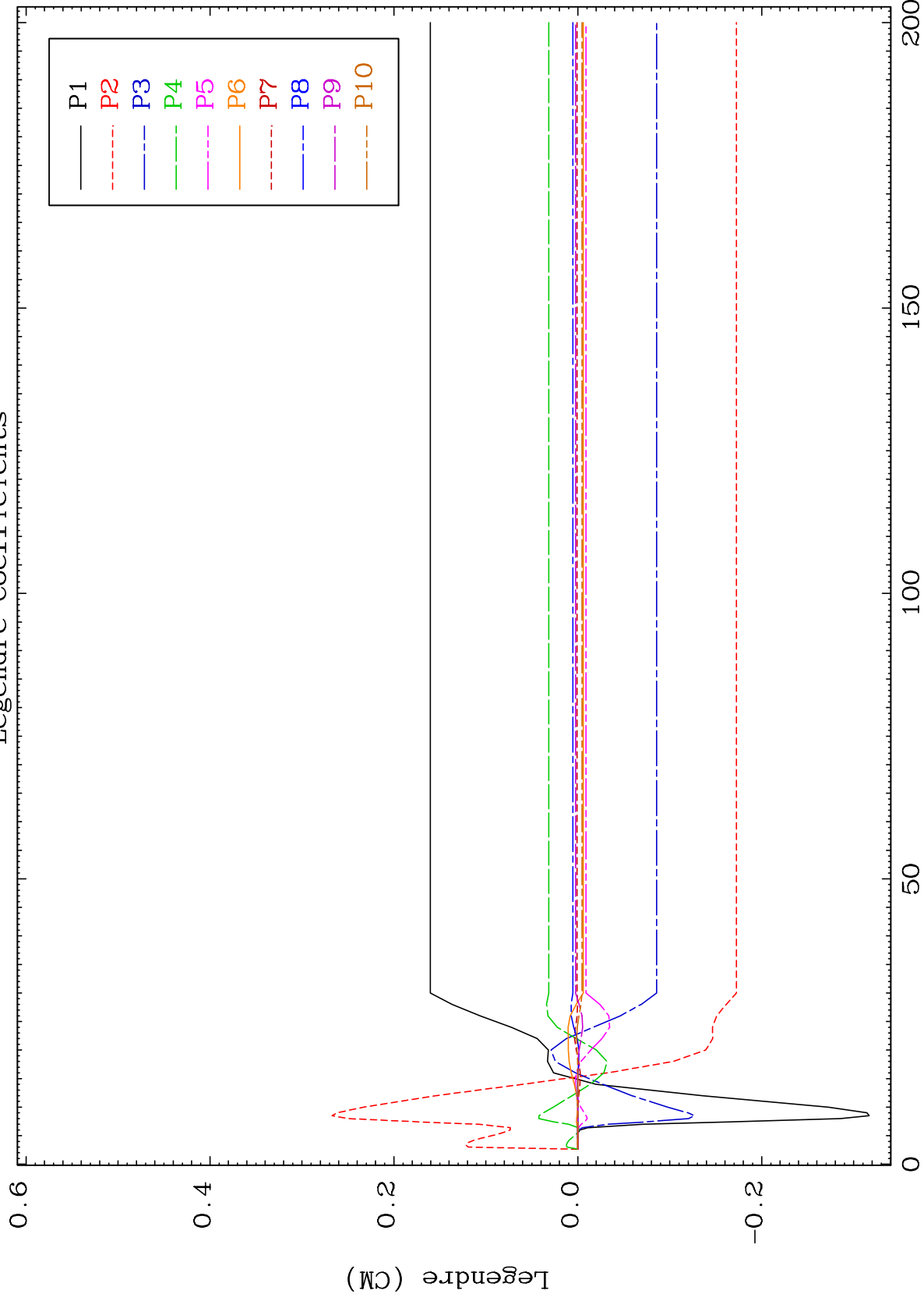
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



51

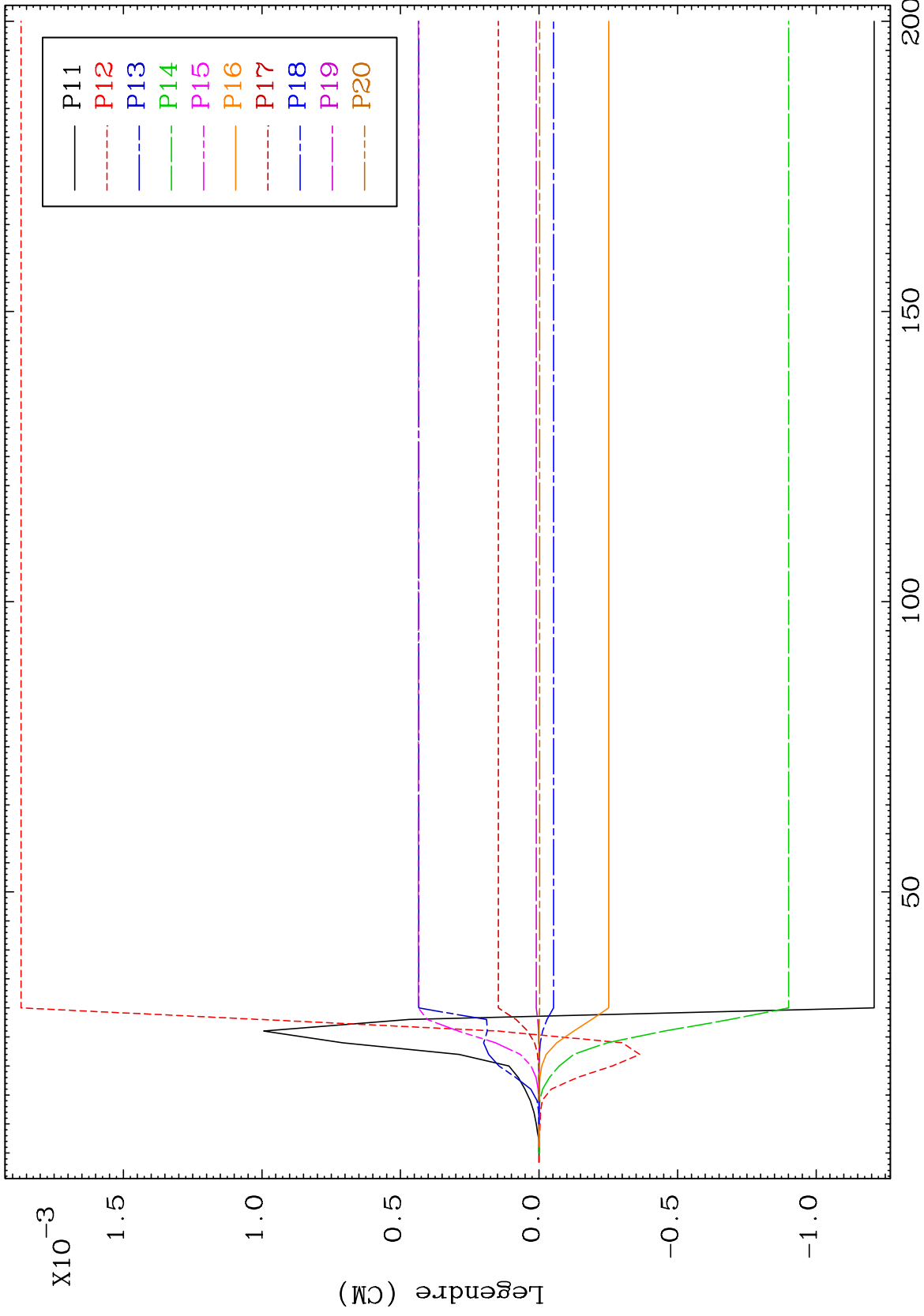
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



52

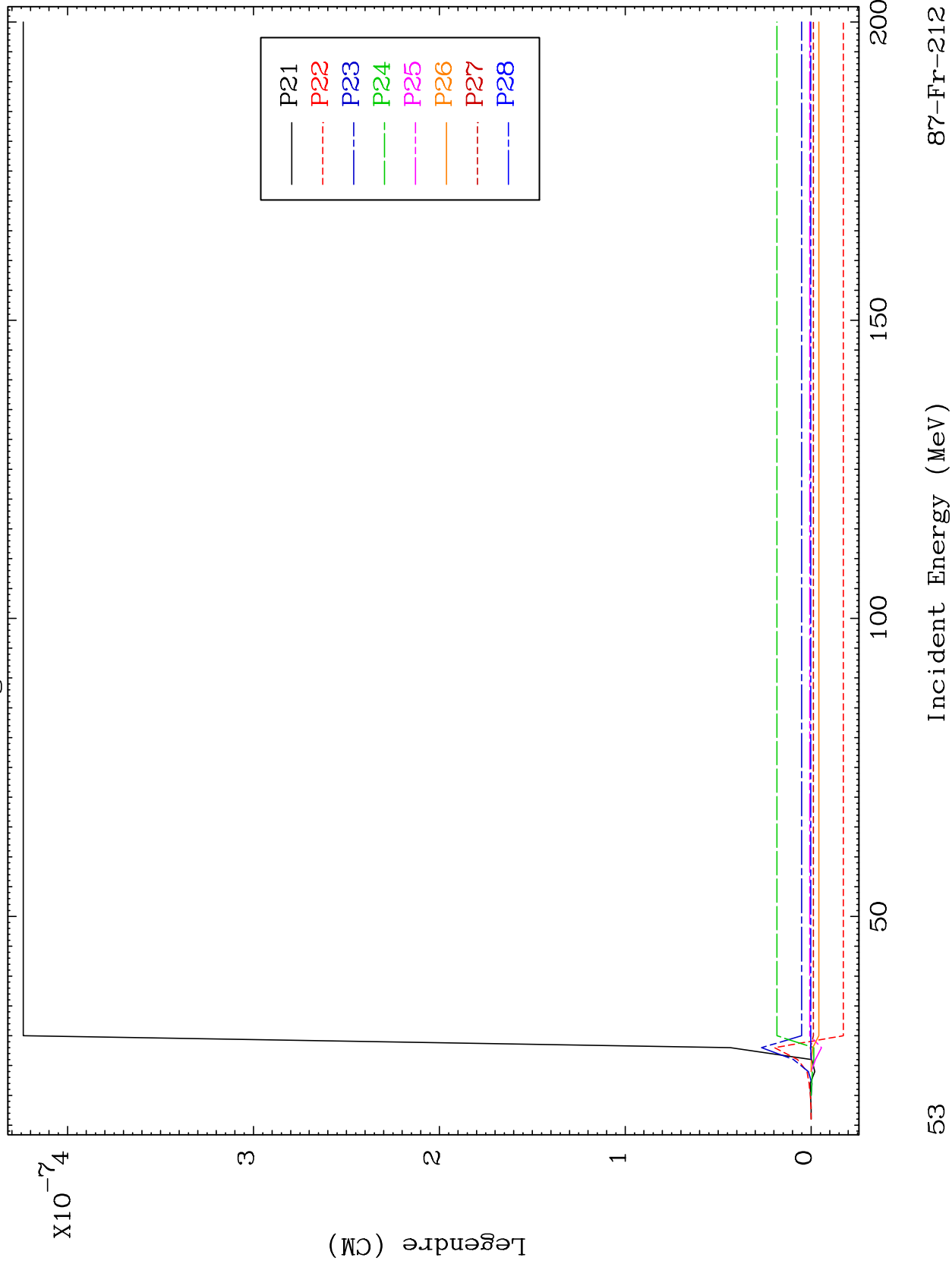
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



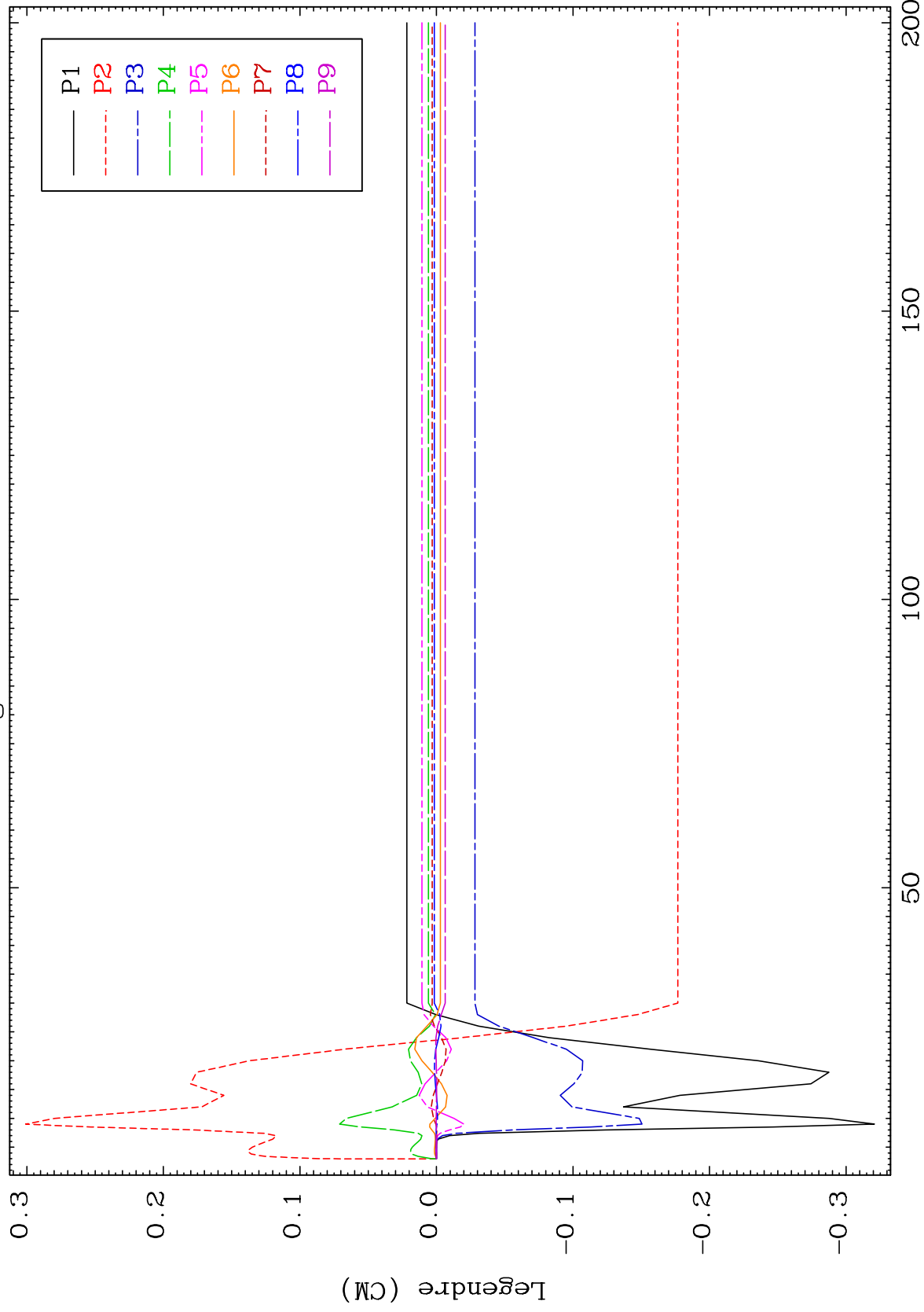
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87-Fr-212

MAT 8725

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

87-Fr-212



54

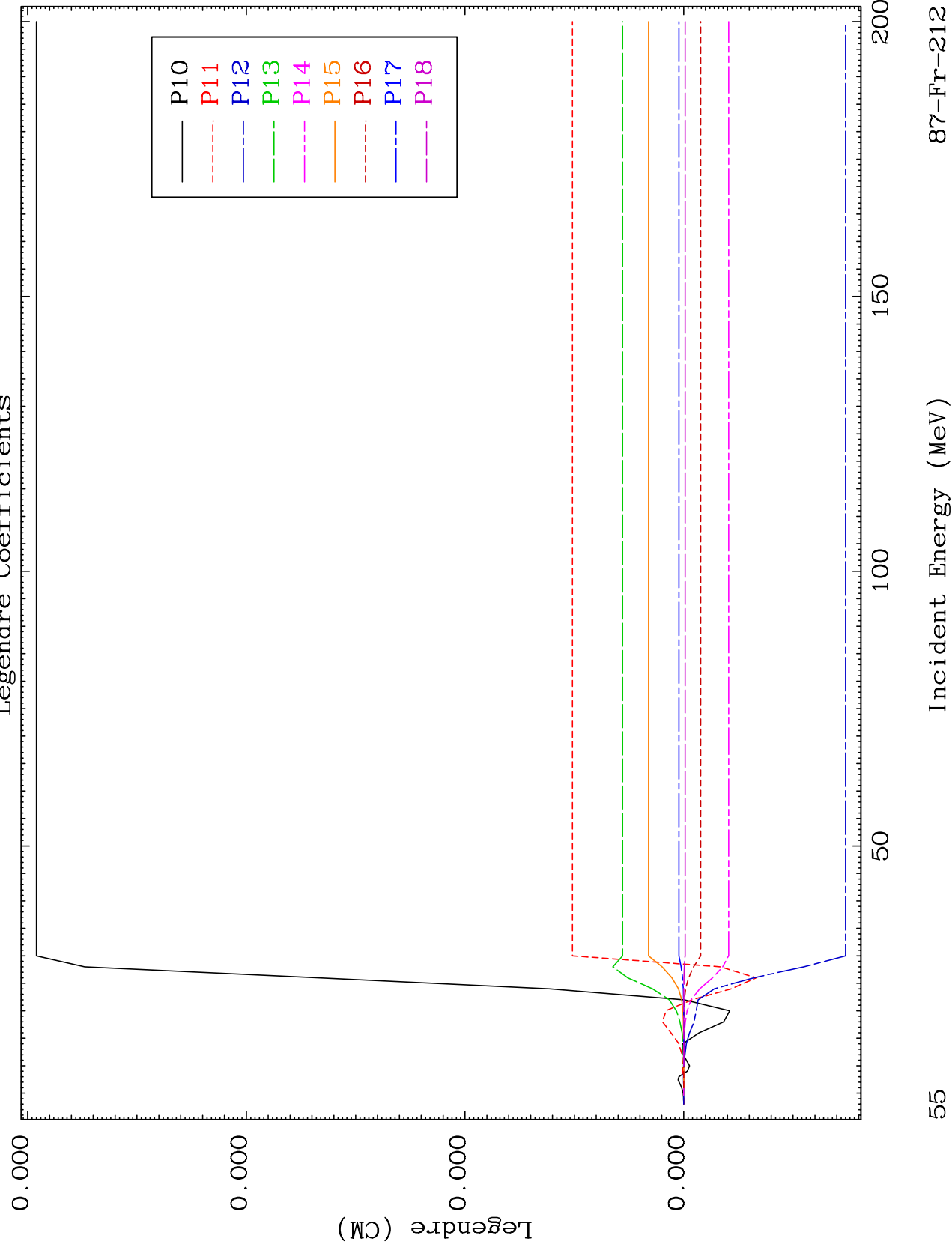
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



55

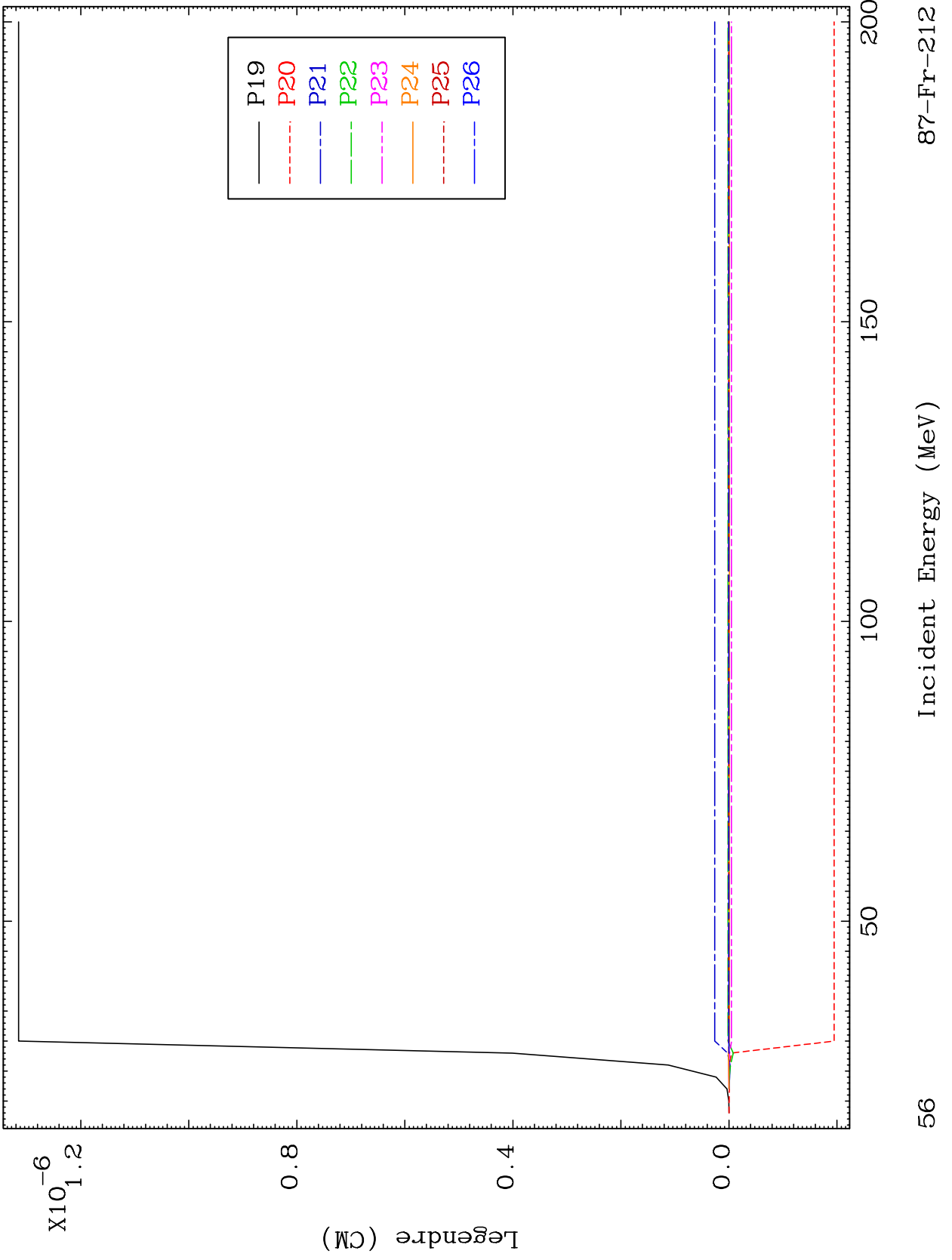
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



56

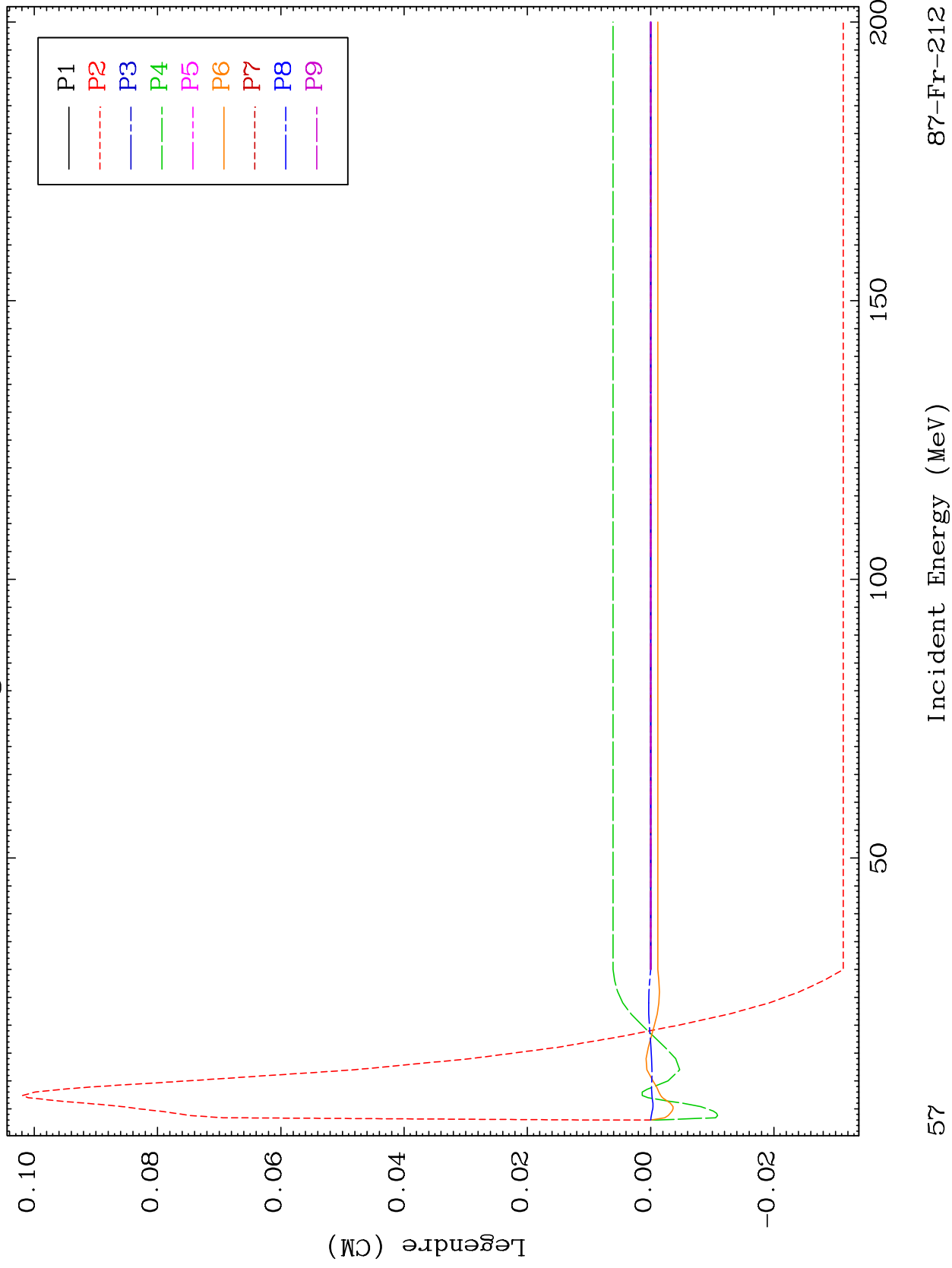
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

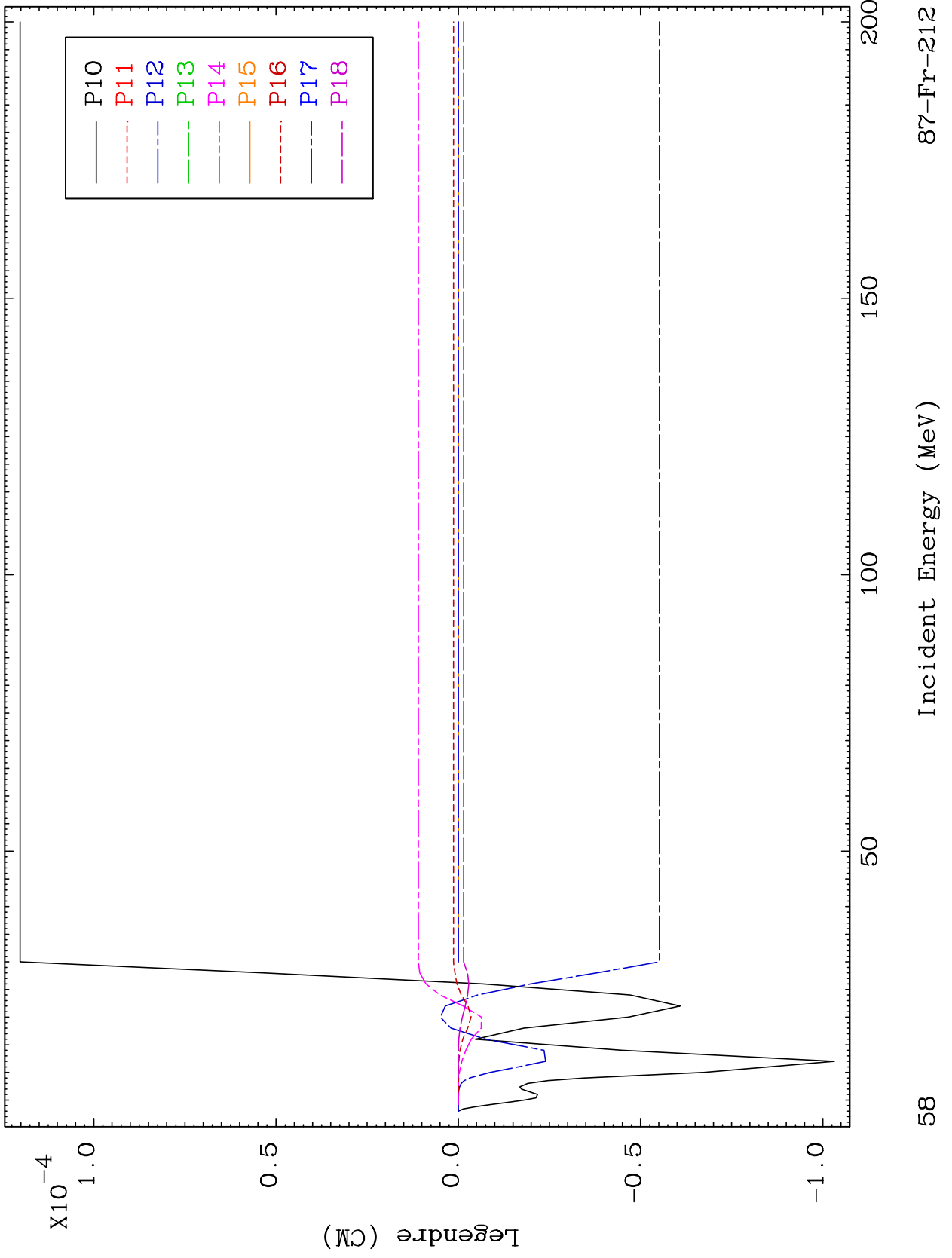
87-Fr-212



57

Incident Energy (MeV)

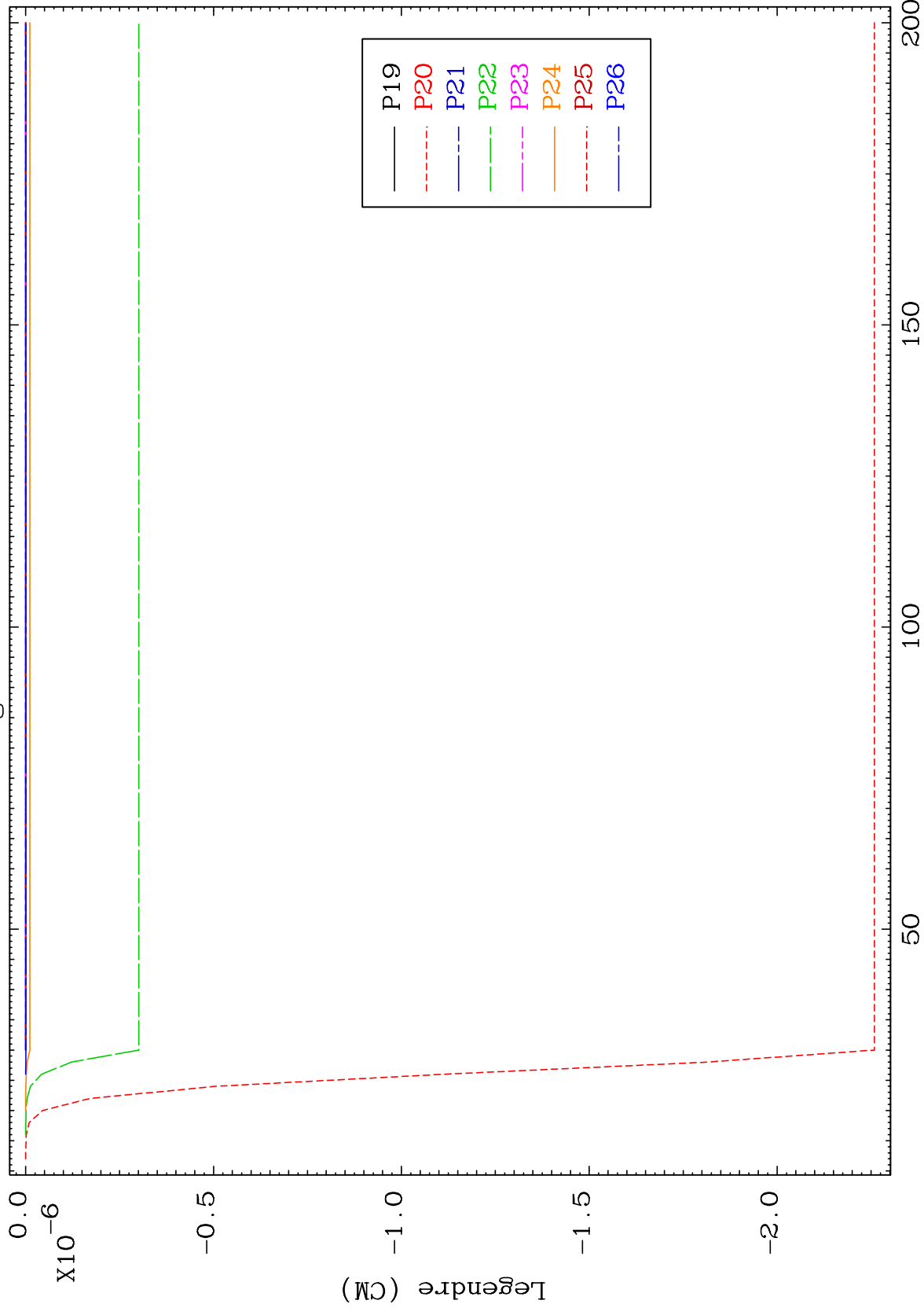
87-Fr-212



MAT 8725

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

87-Fr-212



59

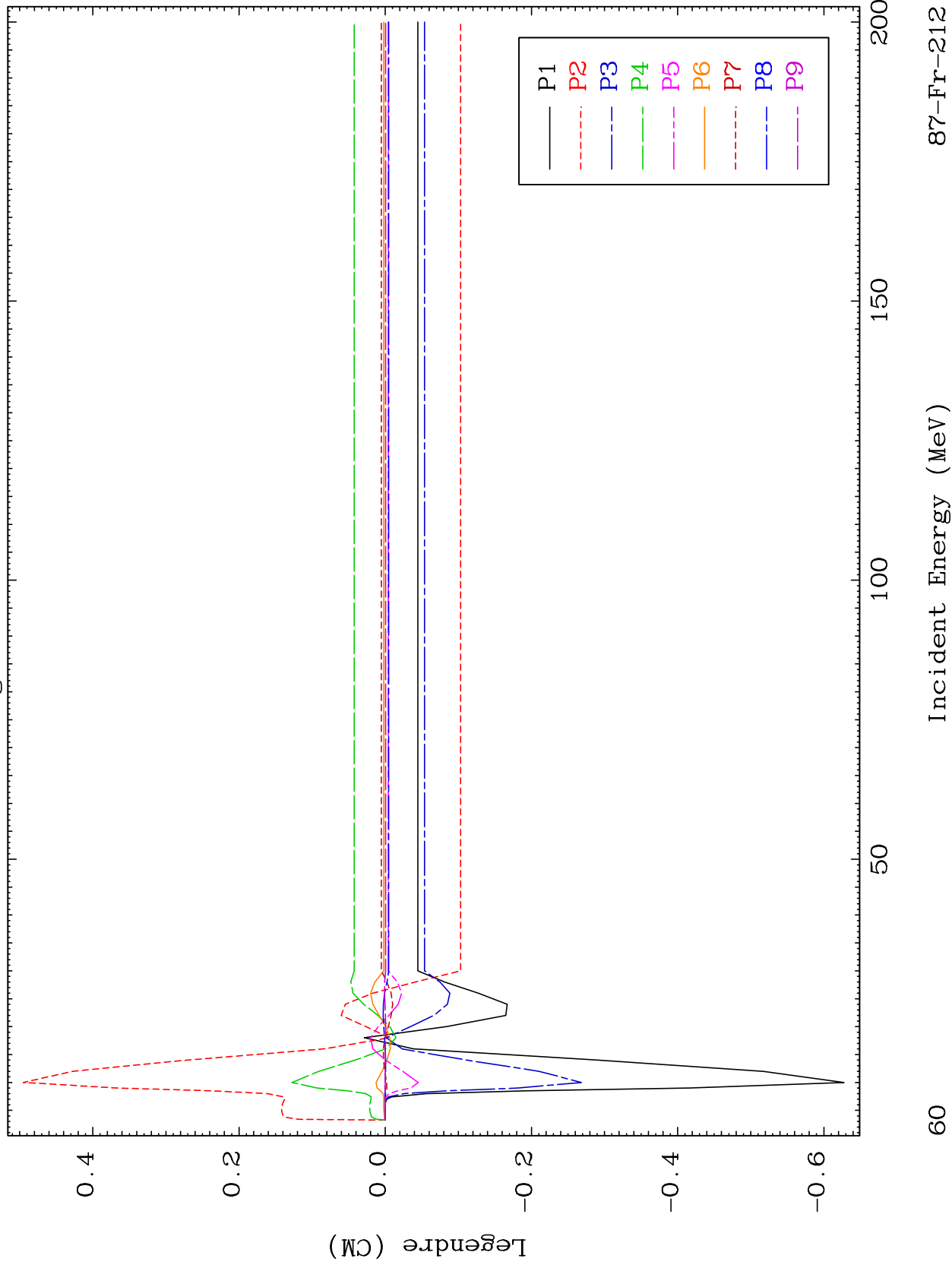
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

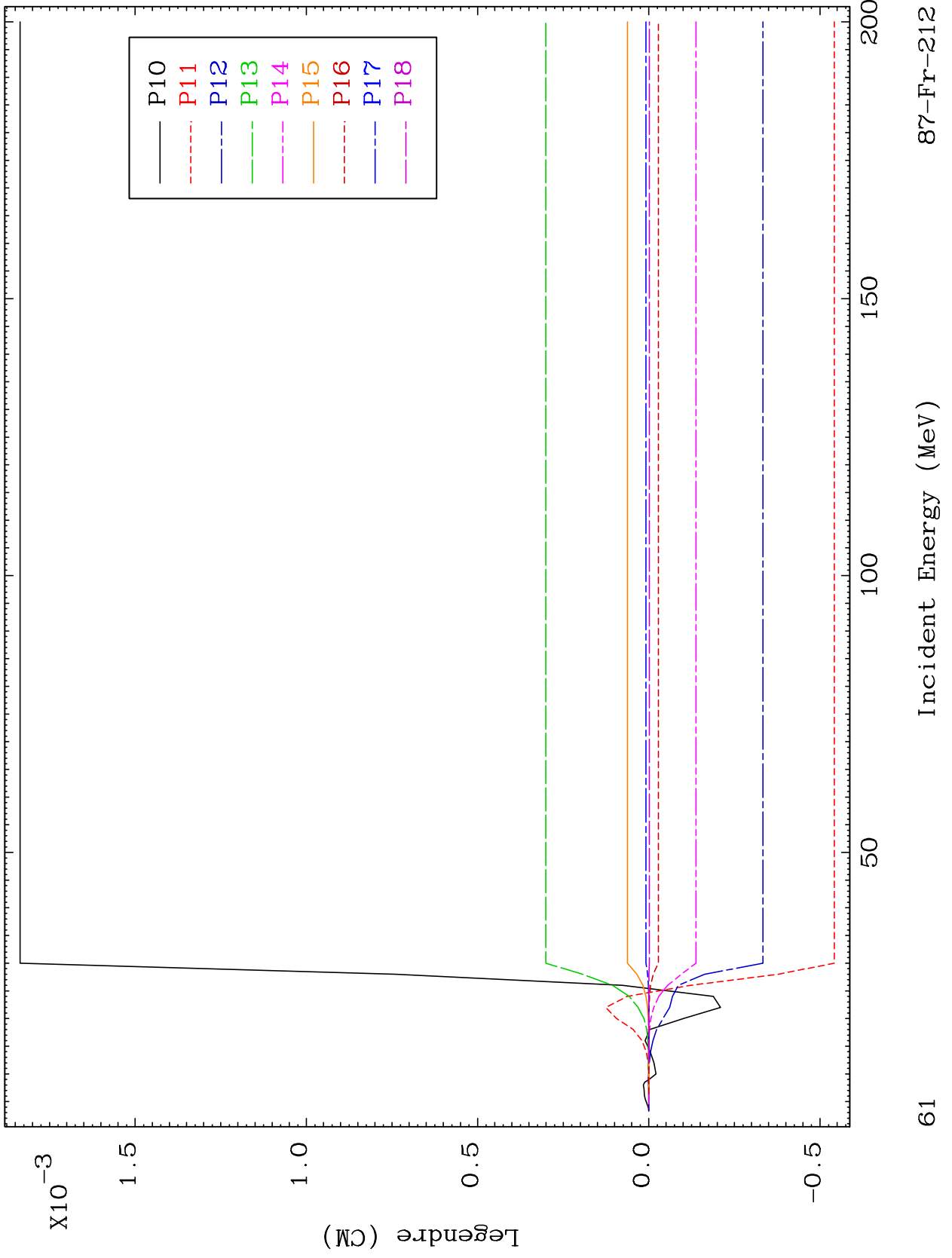
87-Fr-212



87-Fr-212

Incident Energy (MeV)

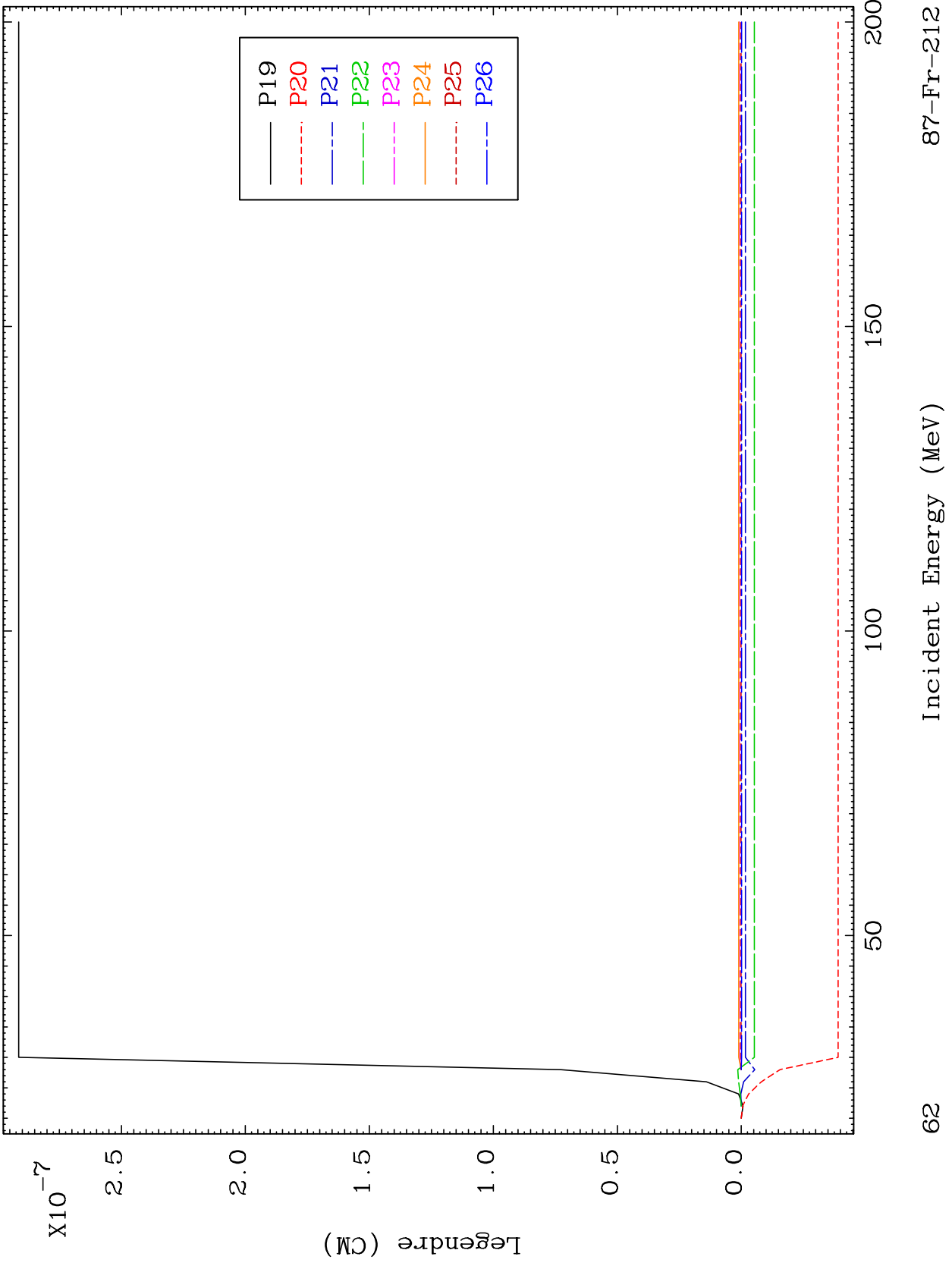
60



MAT 8725

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

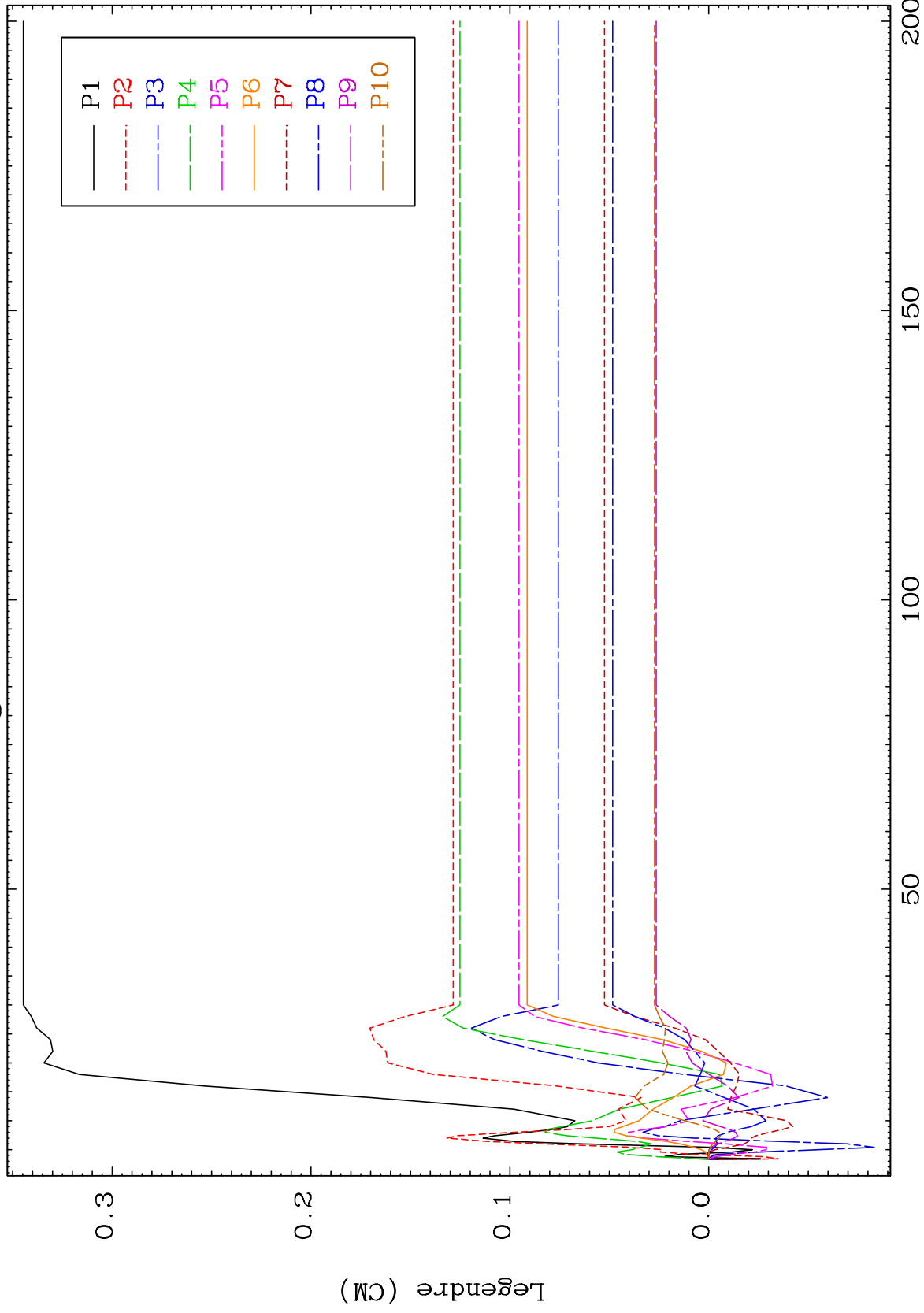
87-Fr-212



MAT 8725

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

87-Fr-212



63

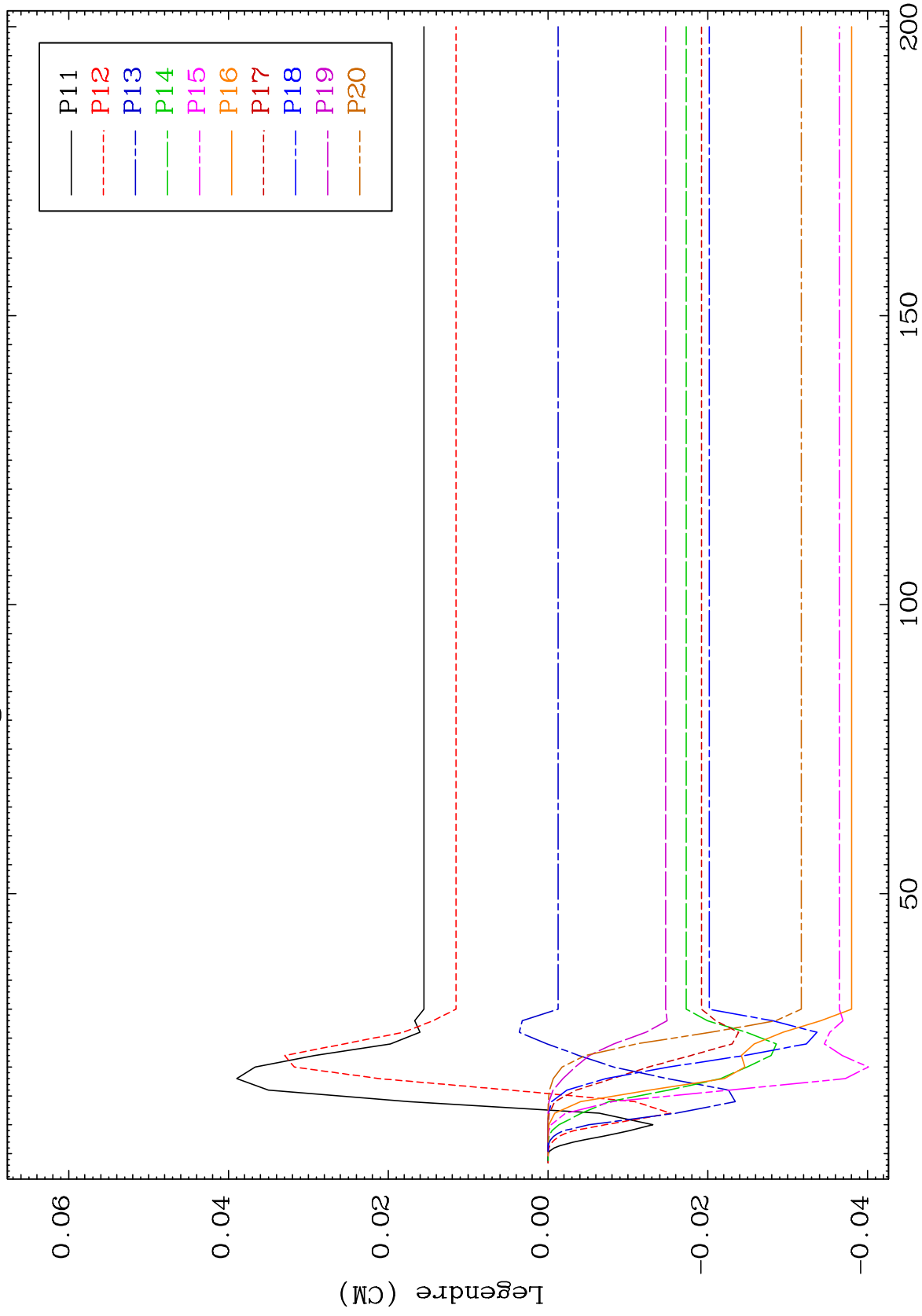
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



64

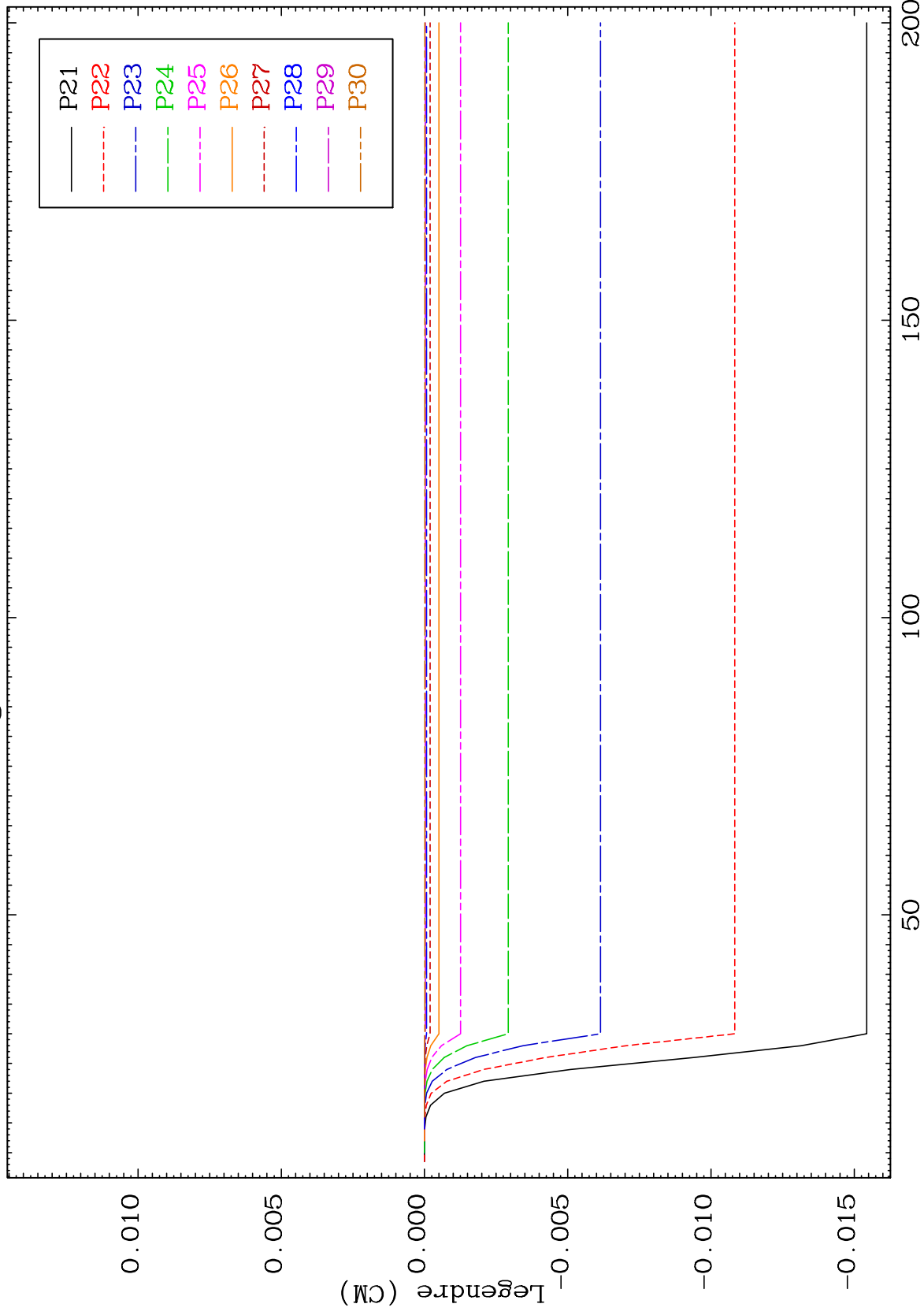
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

87-Fr-212



65

Incident Energy (MeV)

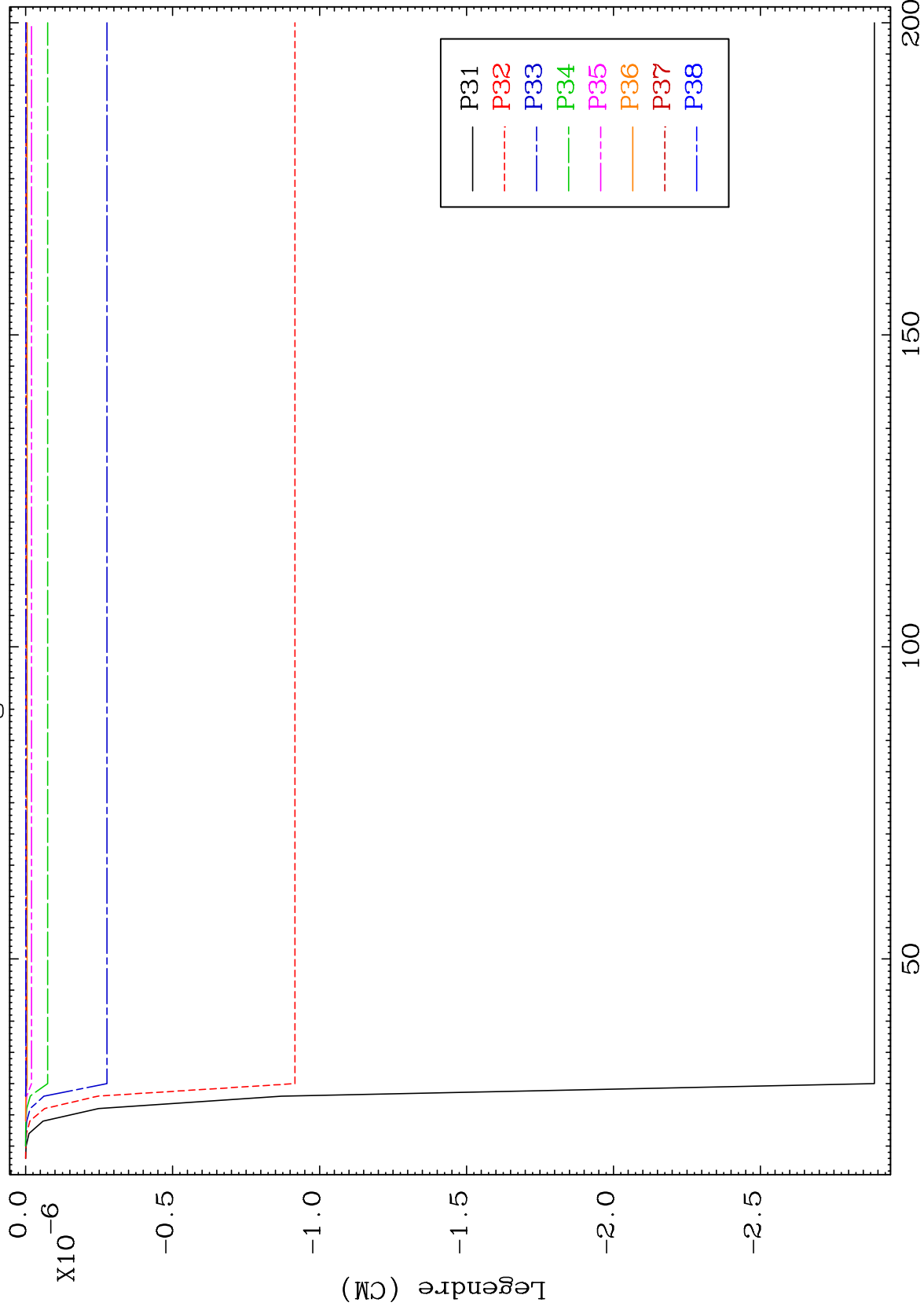
87-Fr-212

MAT 8725

MT= 65 (n,n') Level

87-Fr-212

Legendre Coefficients



66

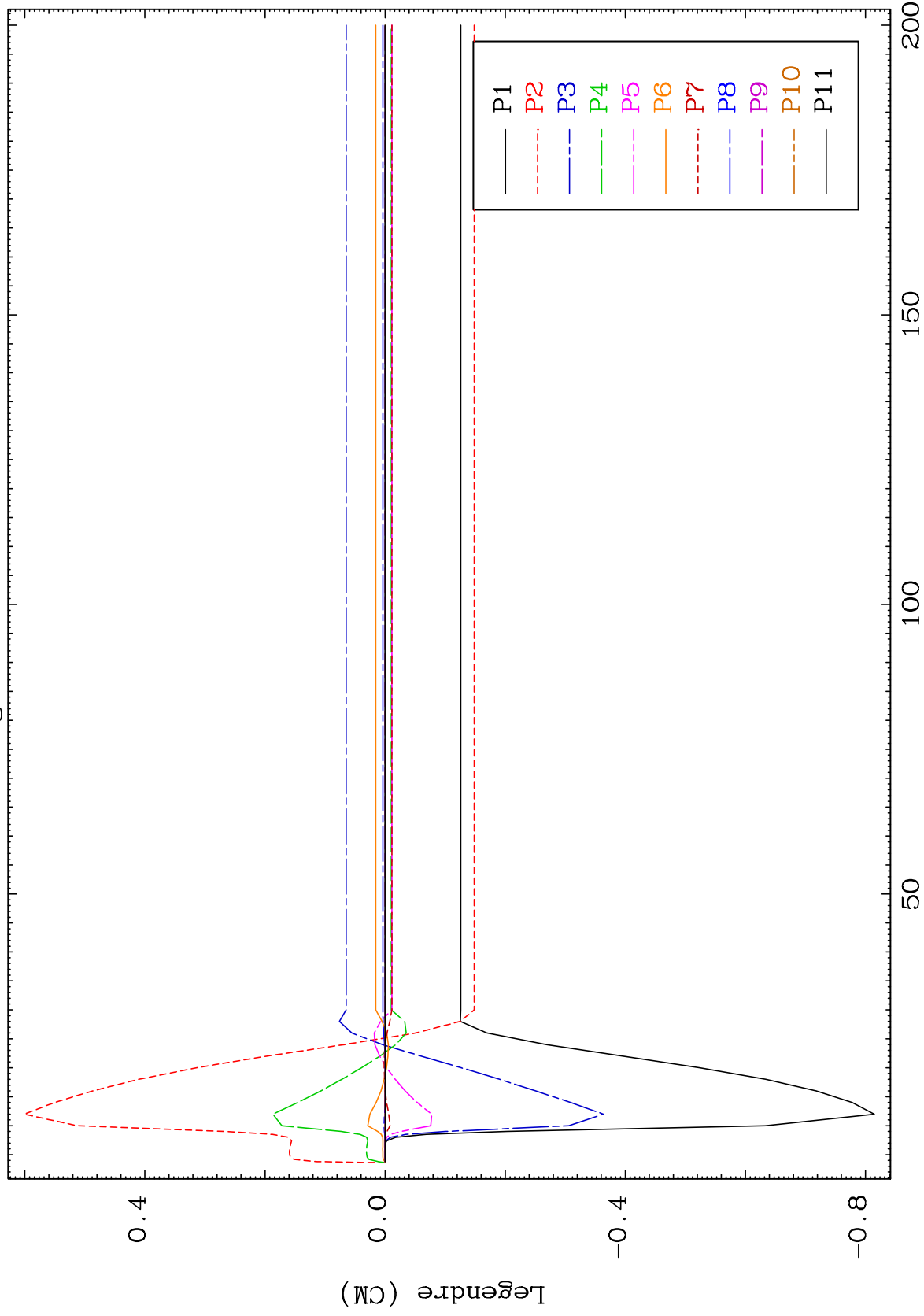
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

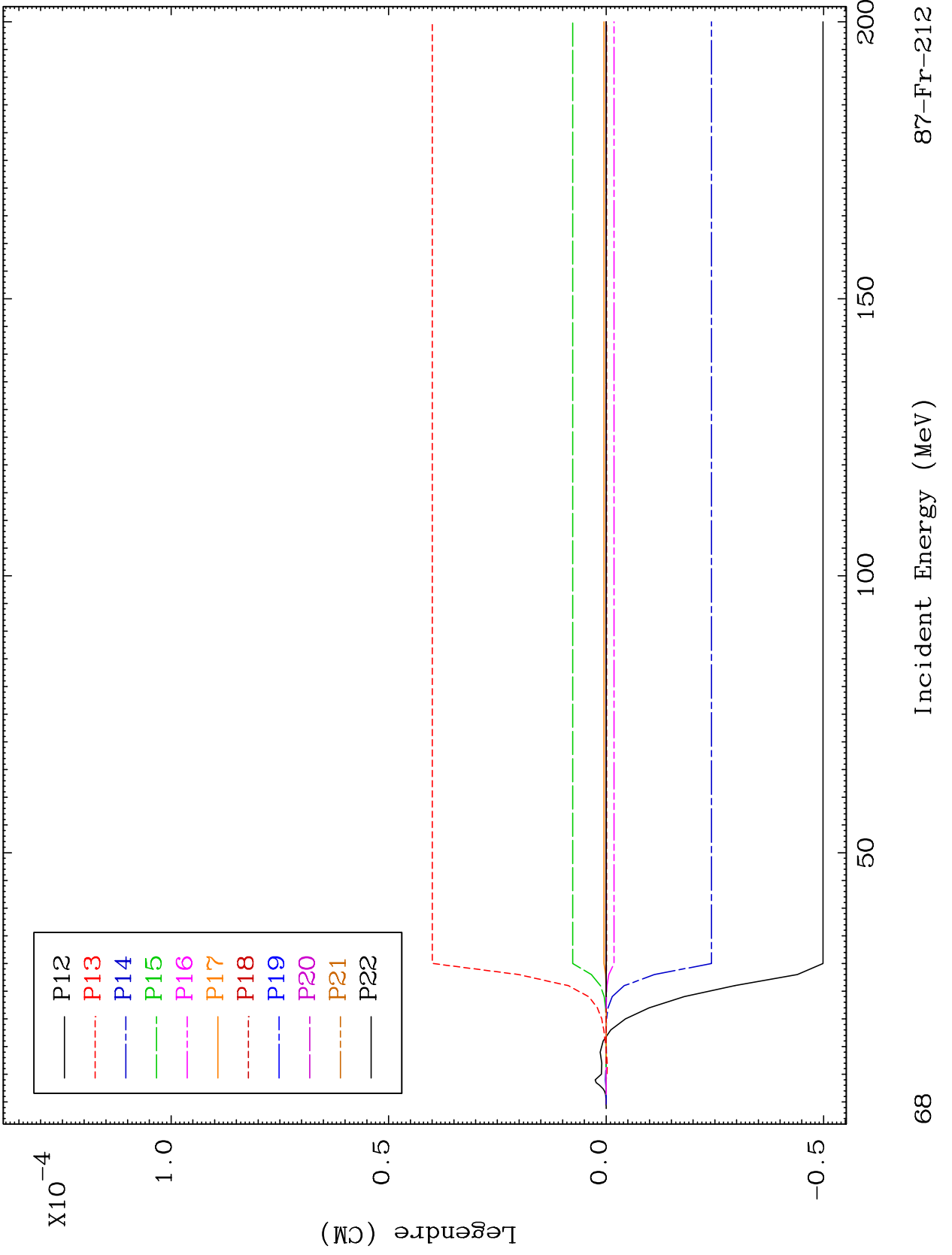
87-Fr-212



67

Incident Energy (MeV)

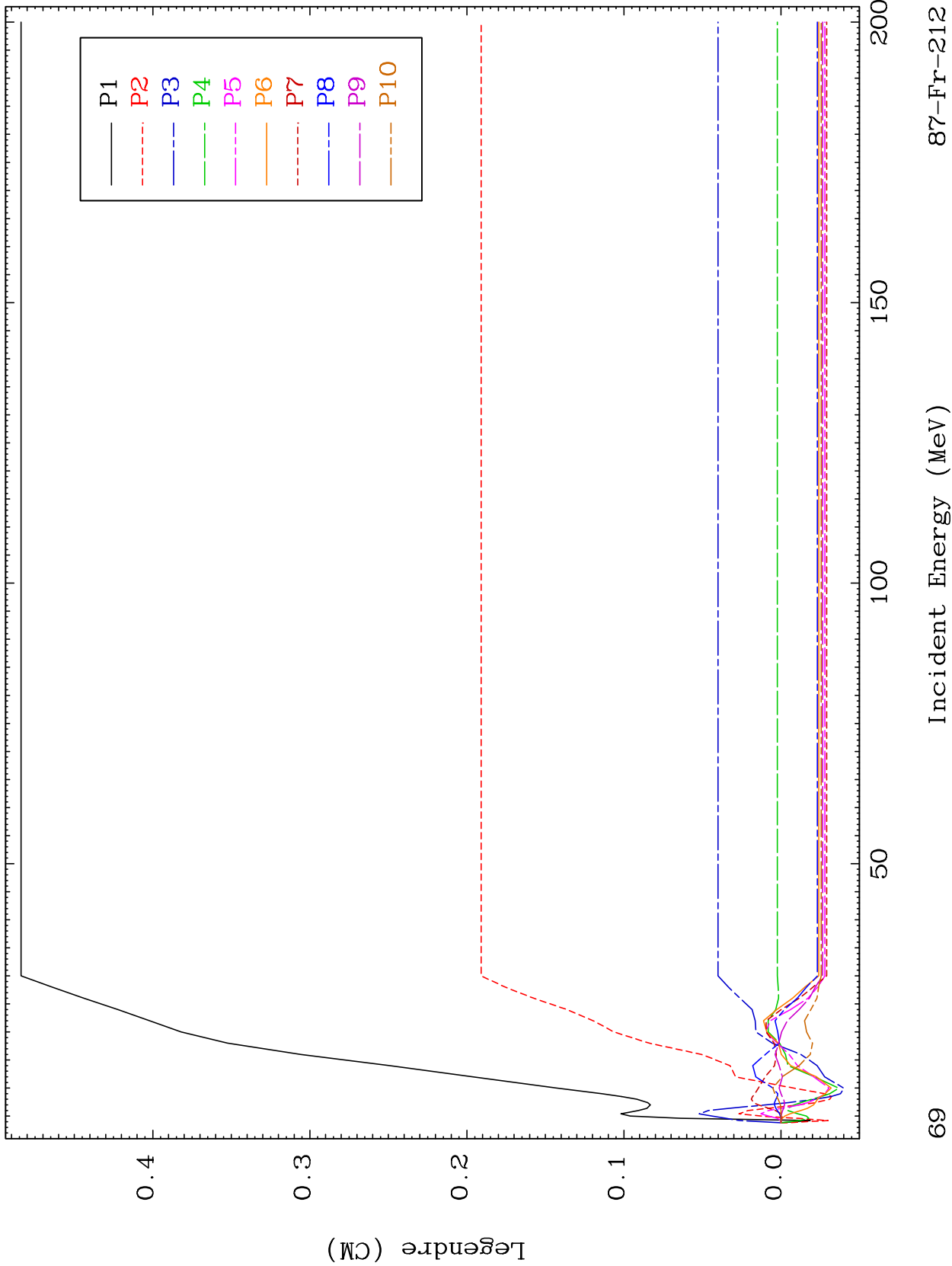
87-Fr-212



MAT 8725

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

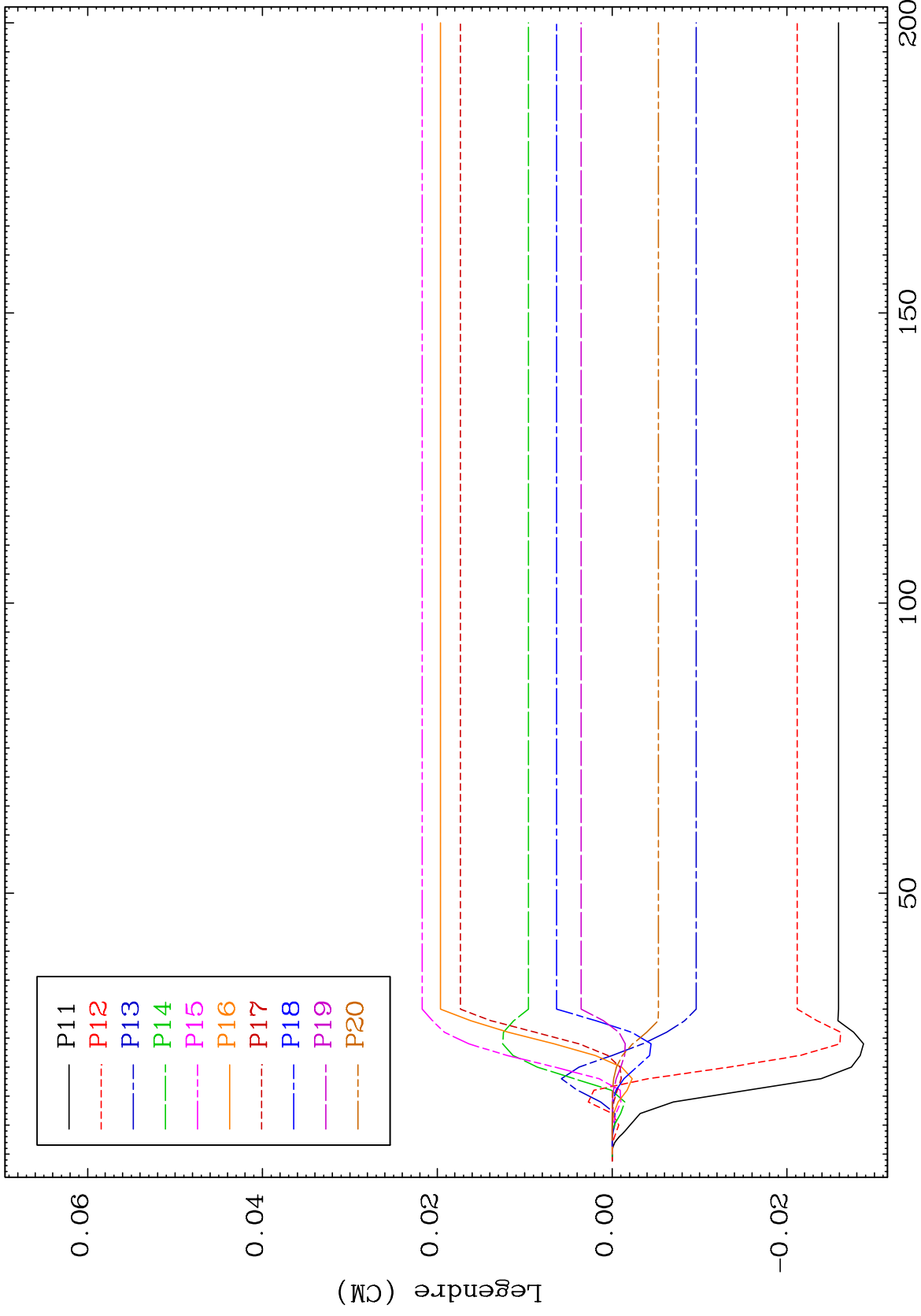
87-Fr-212



MAT 8725

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

87-Fr-212



70

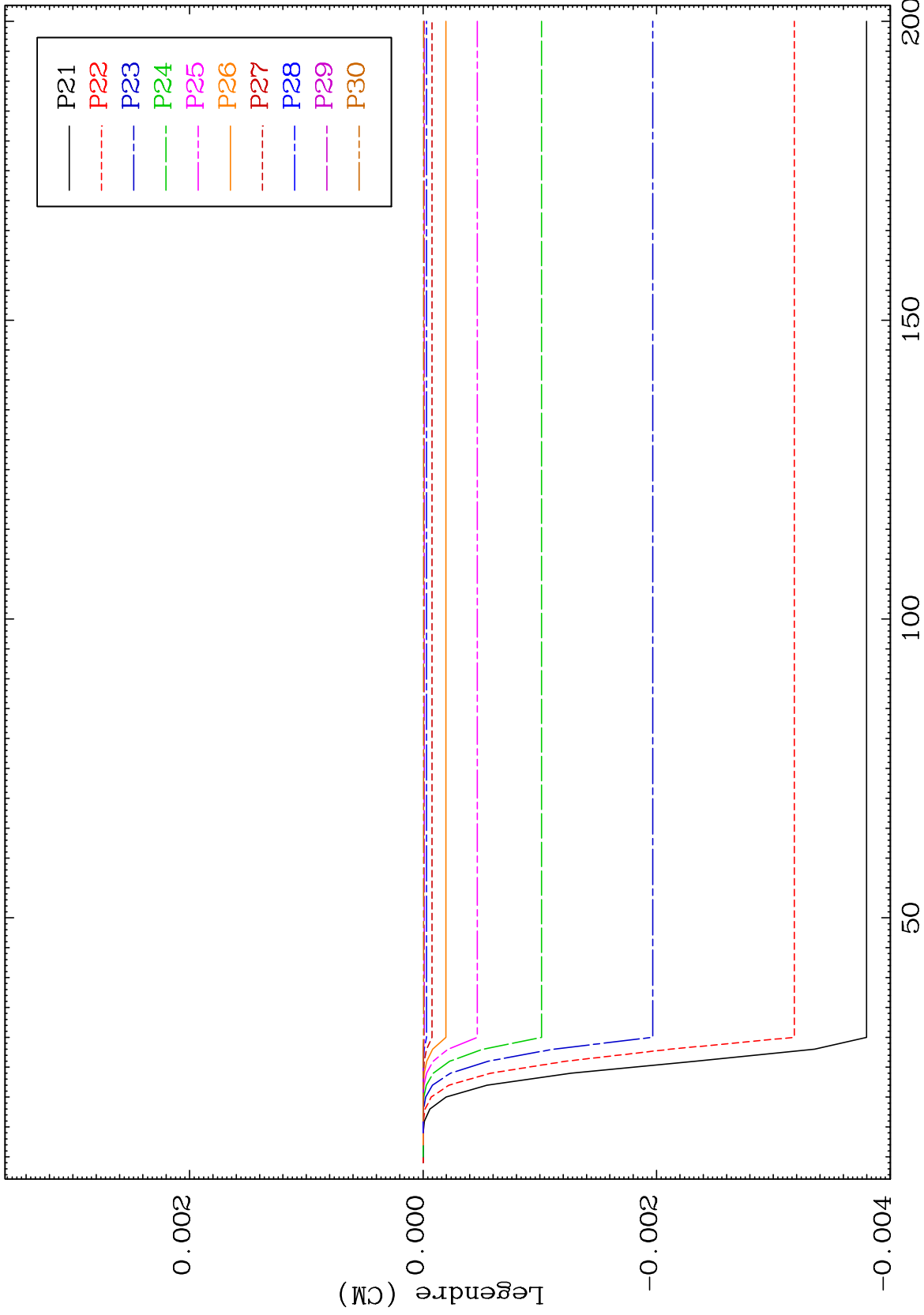
Incident Energy (MeV)

87-Fr-212

MAT 8725

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

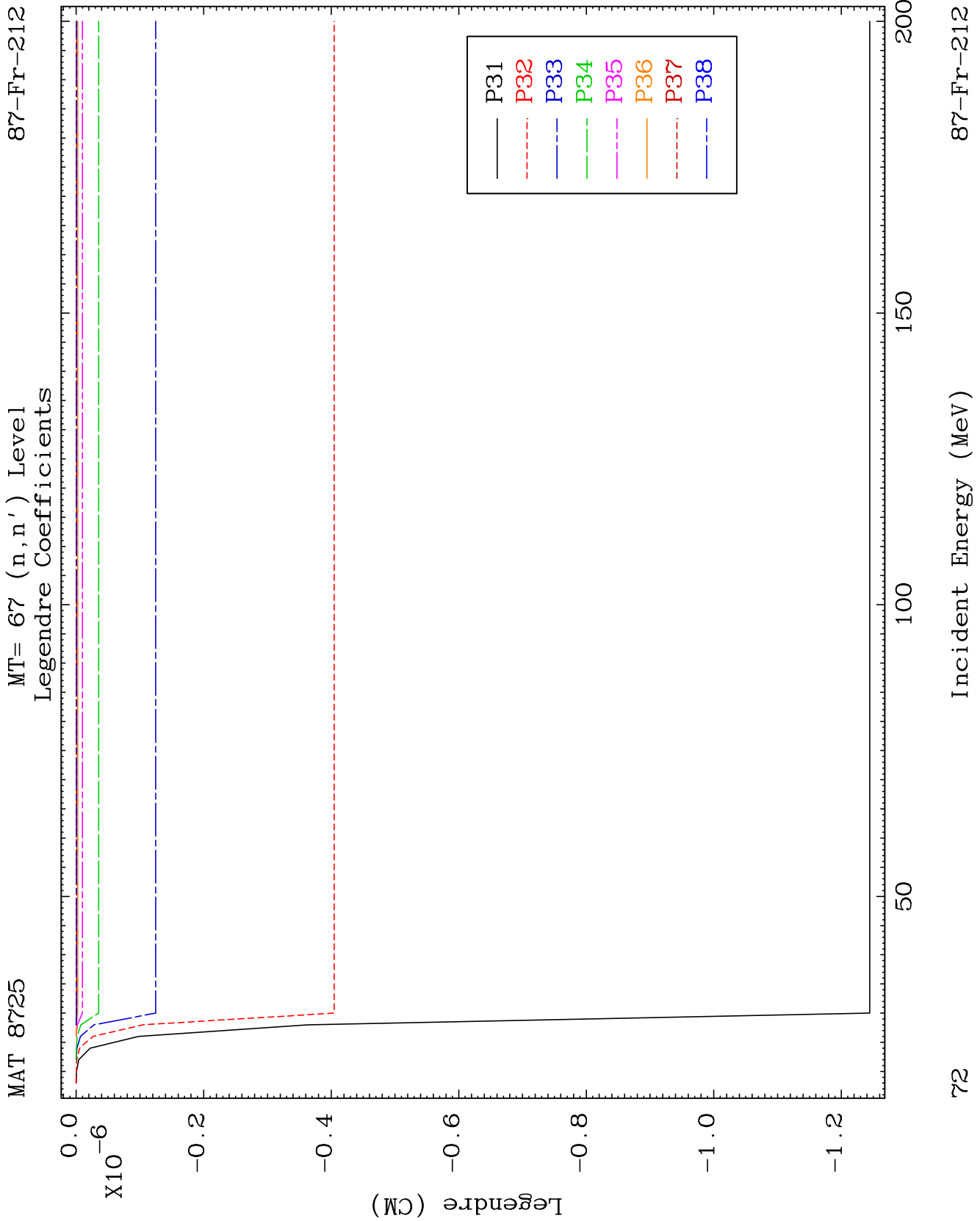
87-Fr-212



71

Incident Energy (MeV)

87-Fr-212

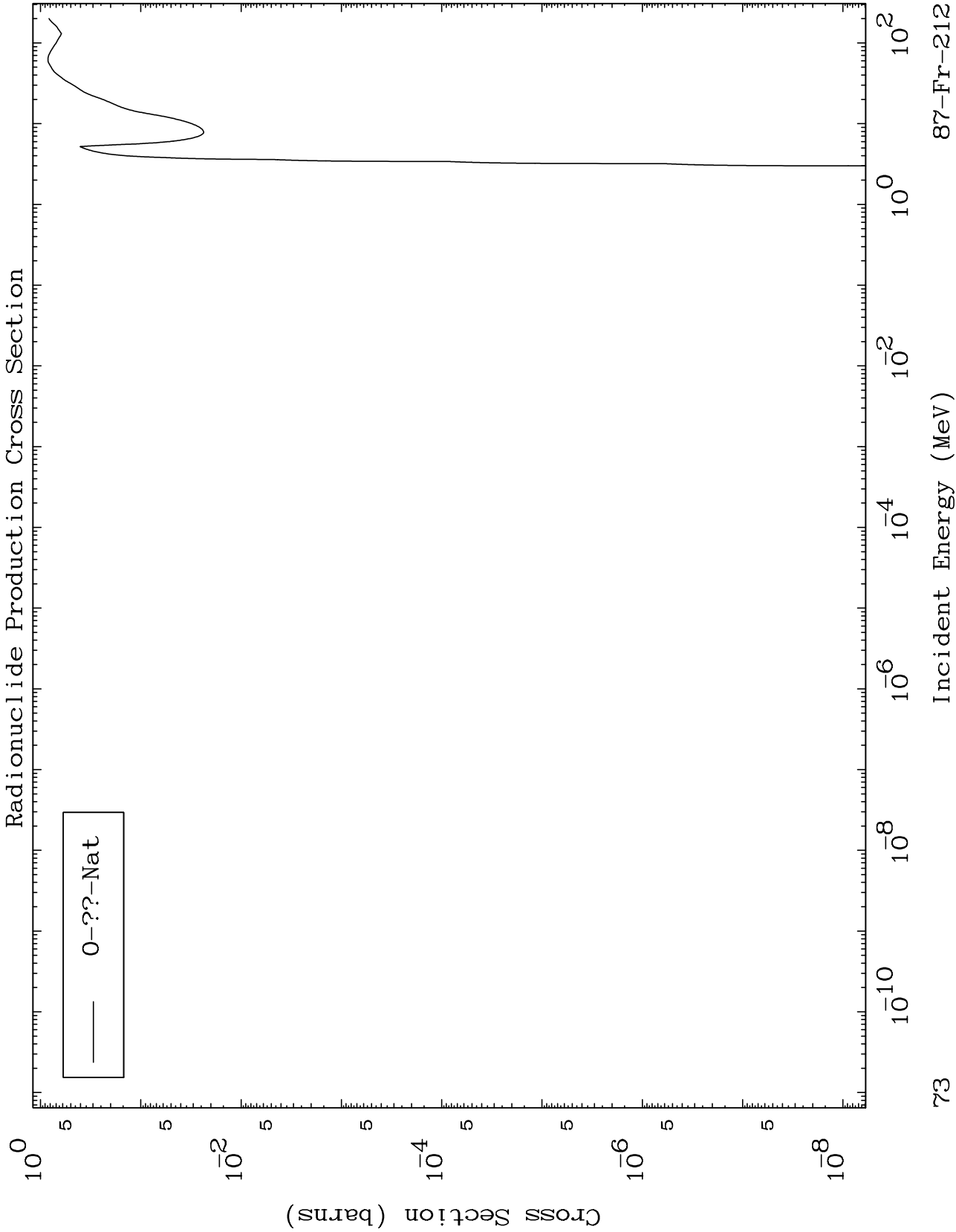


MAT 8725

Fission

87-Fr-212

Radionuclide Production Cross Section



73

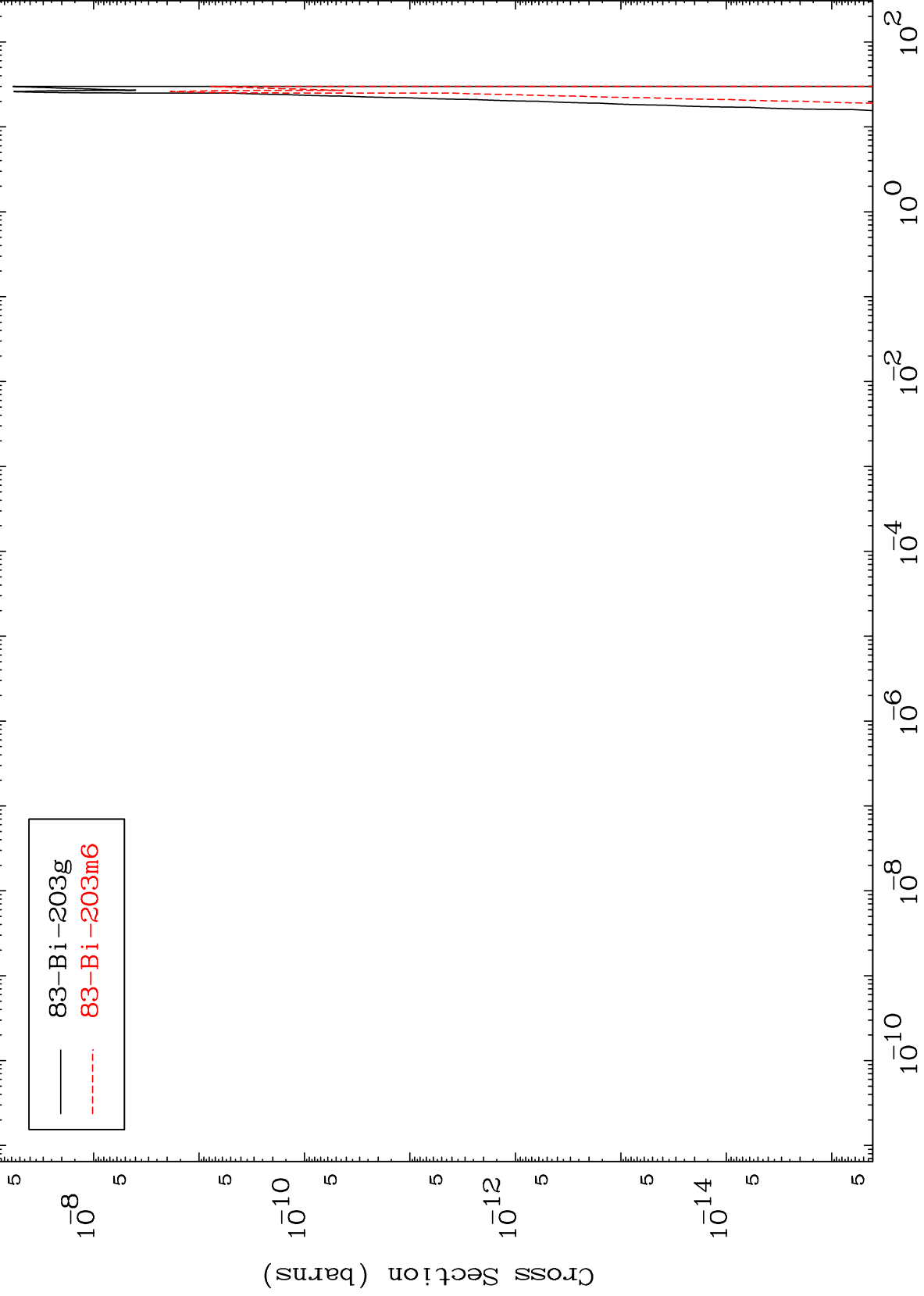
87-Fr-212

MAT 8725

(n,2n) 2 α

87-Fr-212

Radionuclide Production Cross Section



74

Incident Energy (MeV)

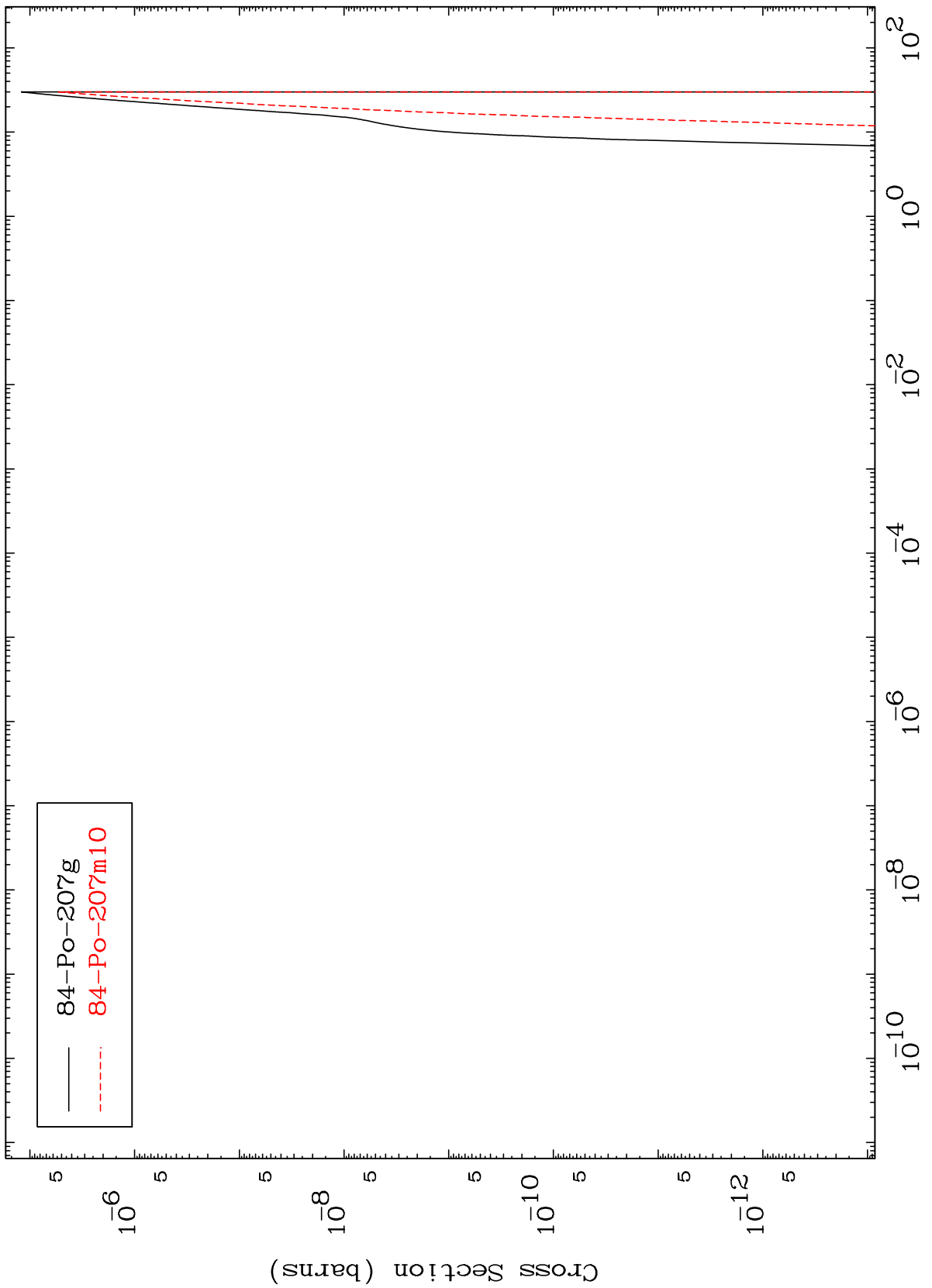
87-Fr-212

MAT 8725

(n,n') p α

87-Fr-212

Radionuclide Production Cross Section



75

Incident Energy (MeV)

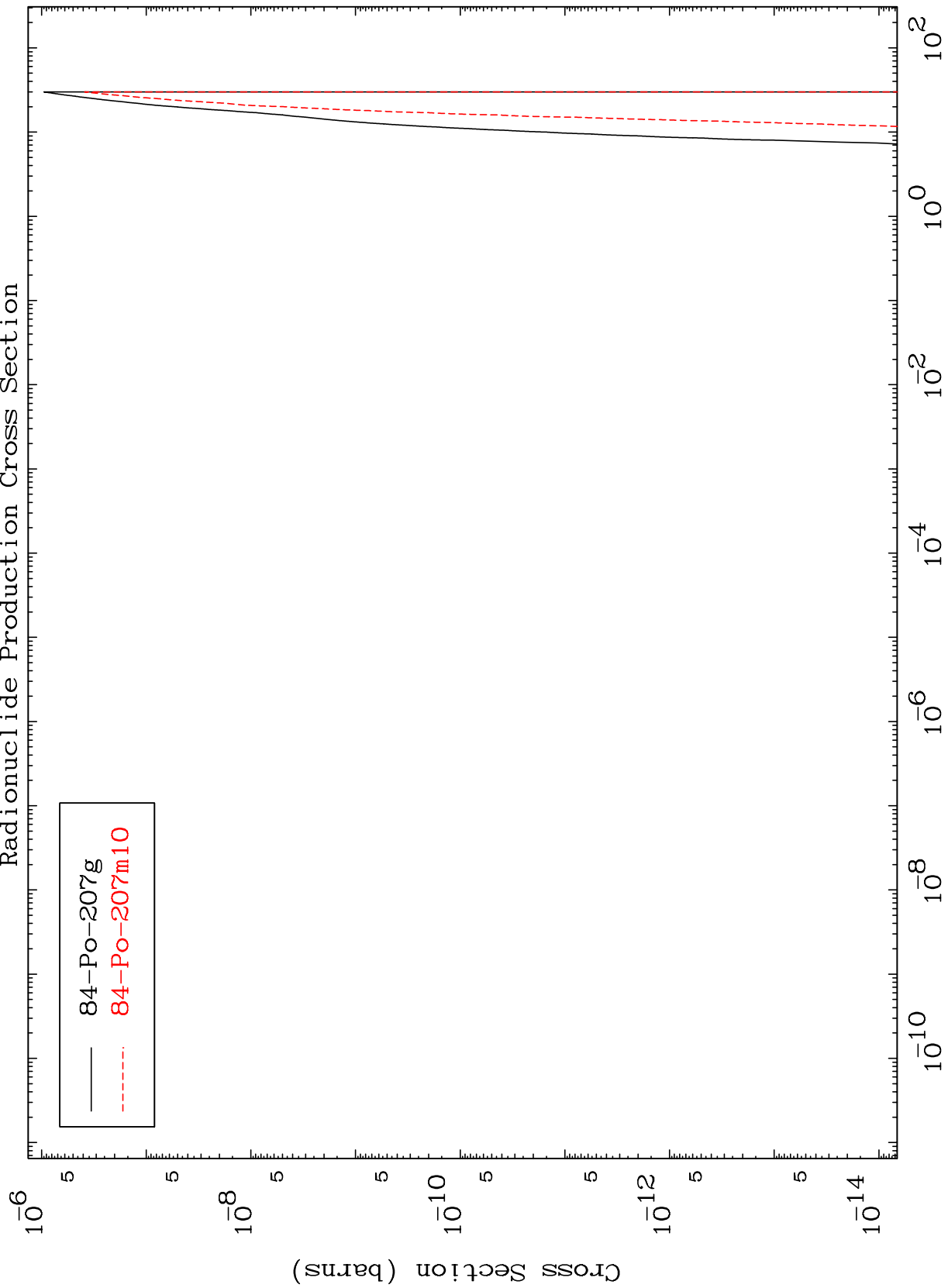
87-Fr-212

MAT 8725

(n,d) α

87-Fr-212

Radionuclide Production Cross Section



— 84-Po-207g
- - - 84-Po-207m10

76

Incident Energy (MeV)

87-Fr-212