

Program EVALPLOT  
(Version 2021-1)

by

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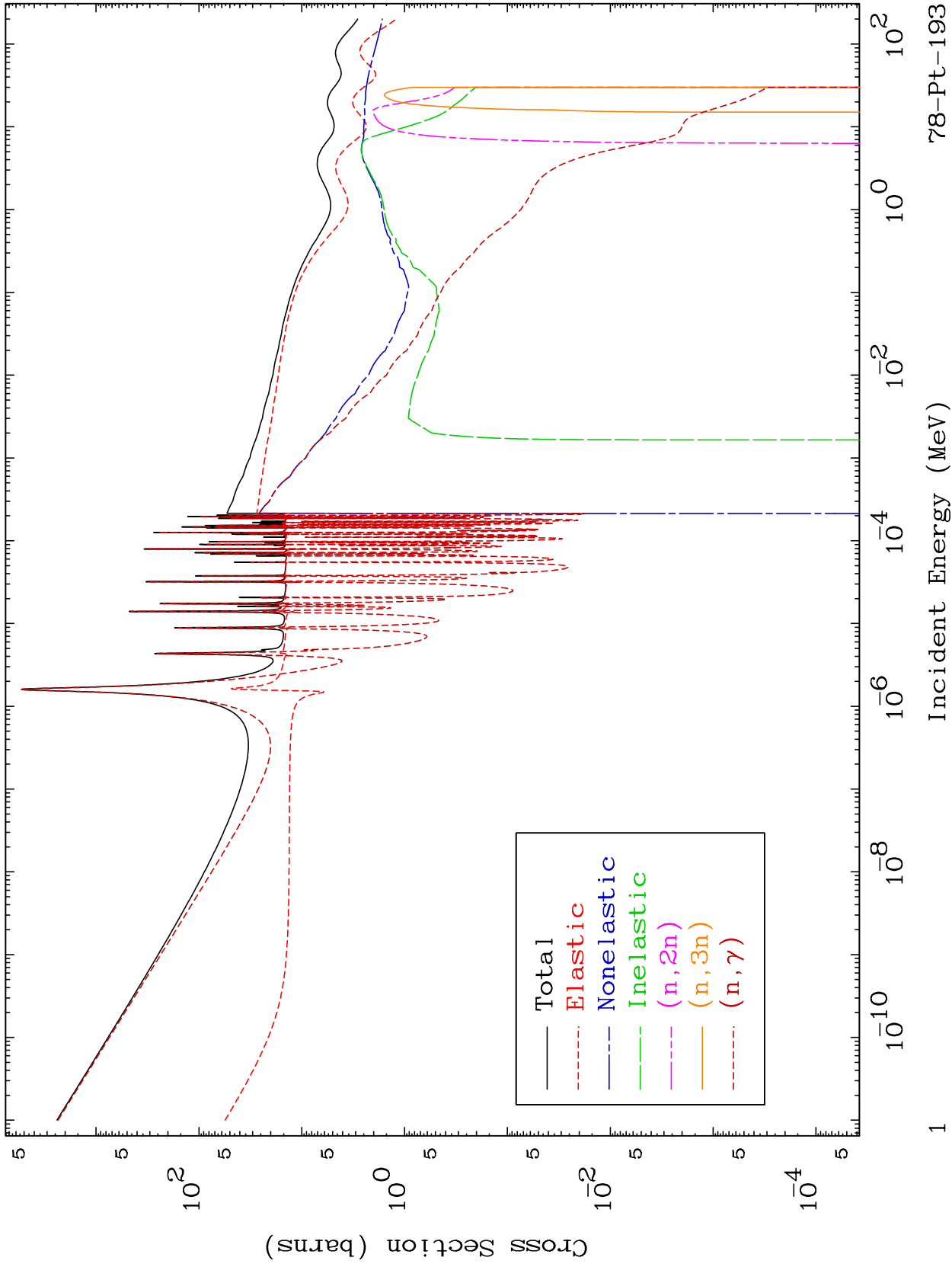
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7834

Neutron Major  
293 Kelvin Cross Sections

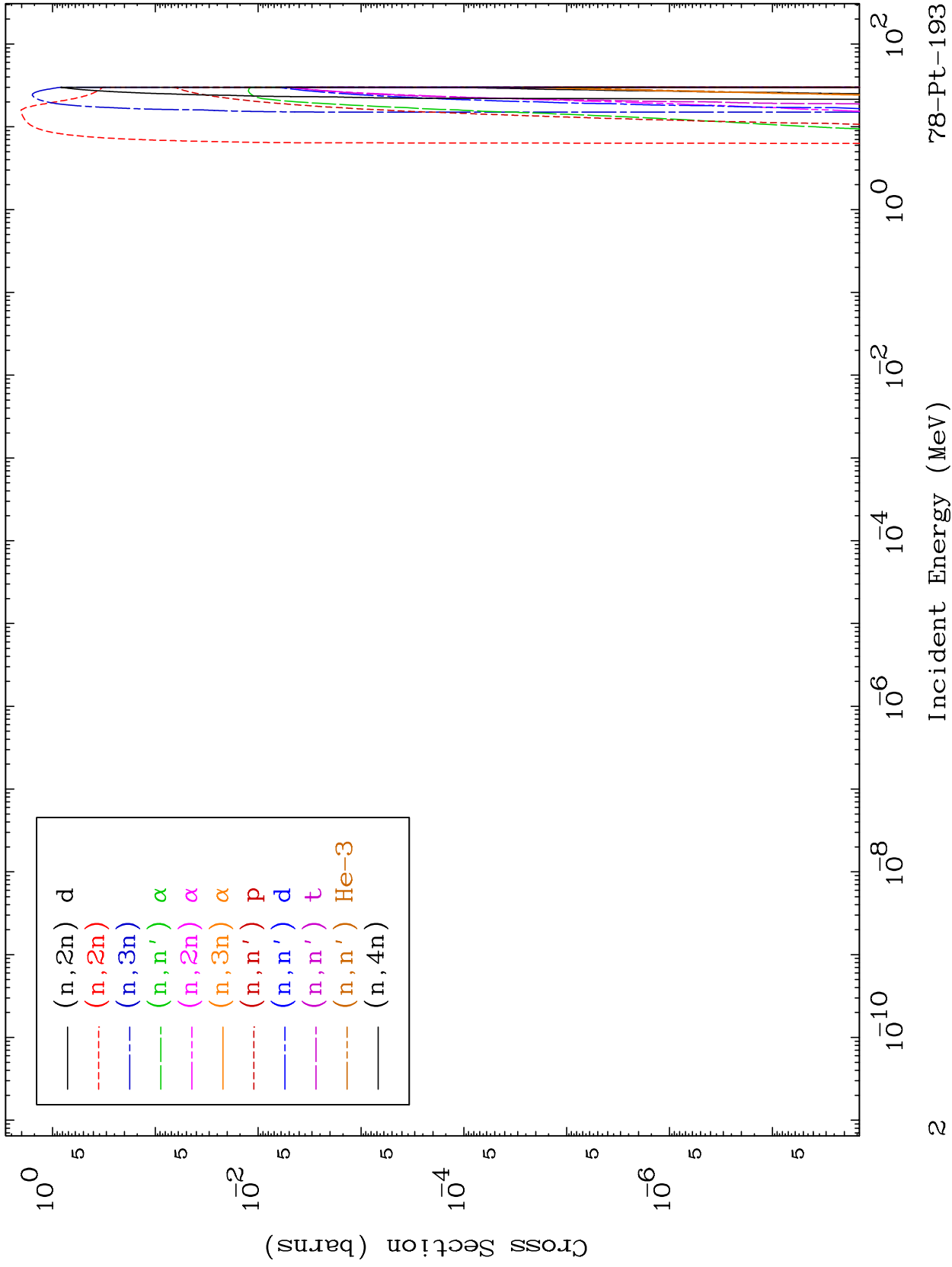
78-Pt-193

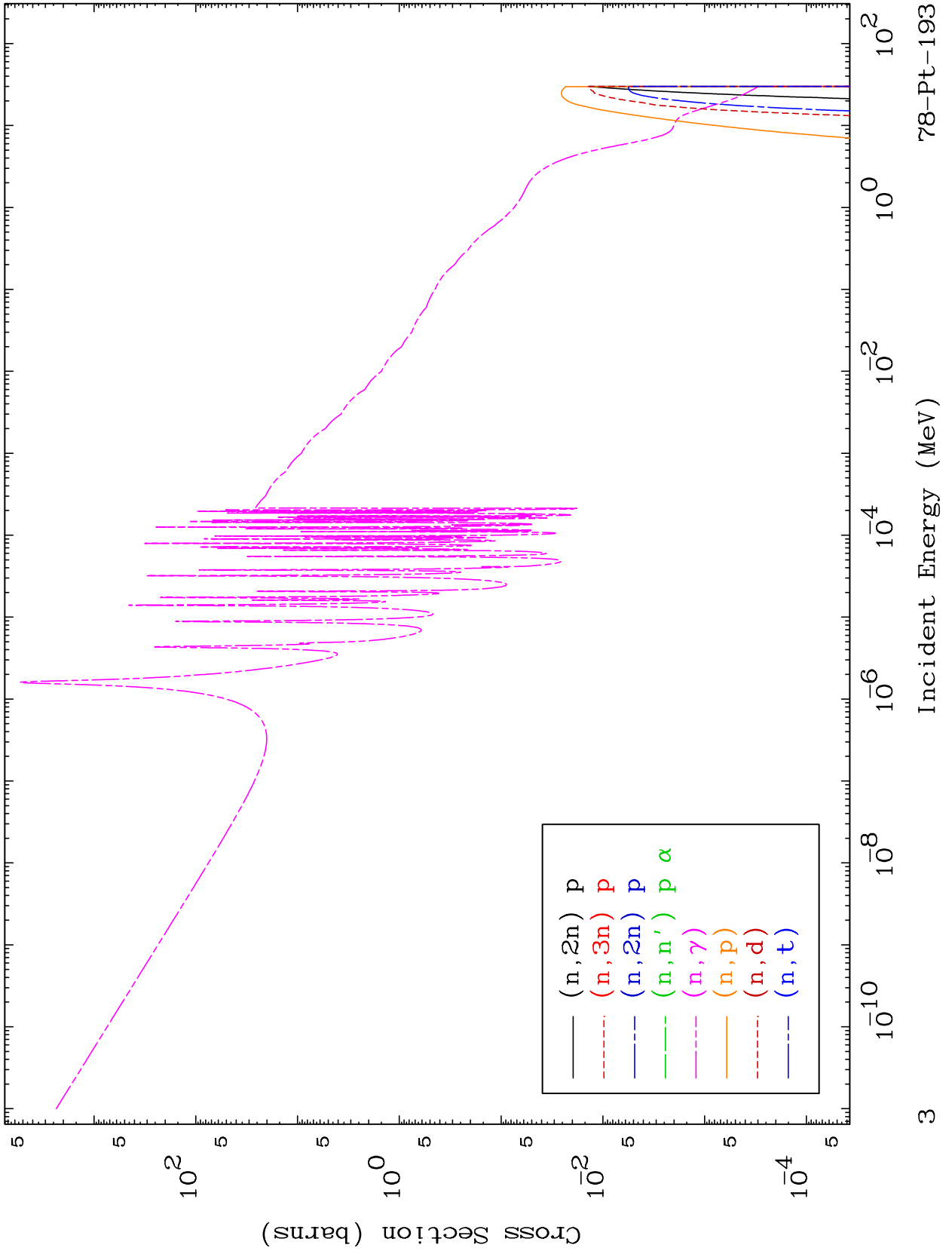


MAT 7834

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-193

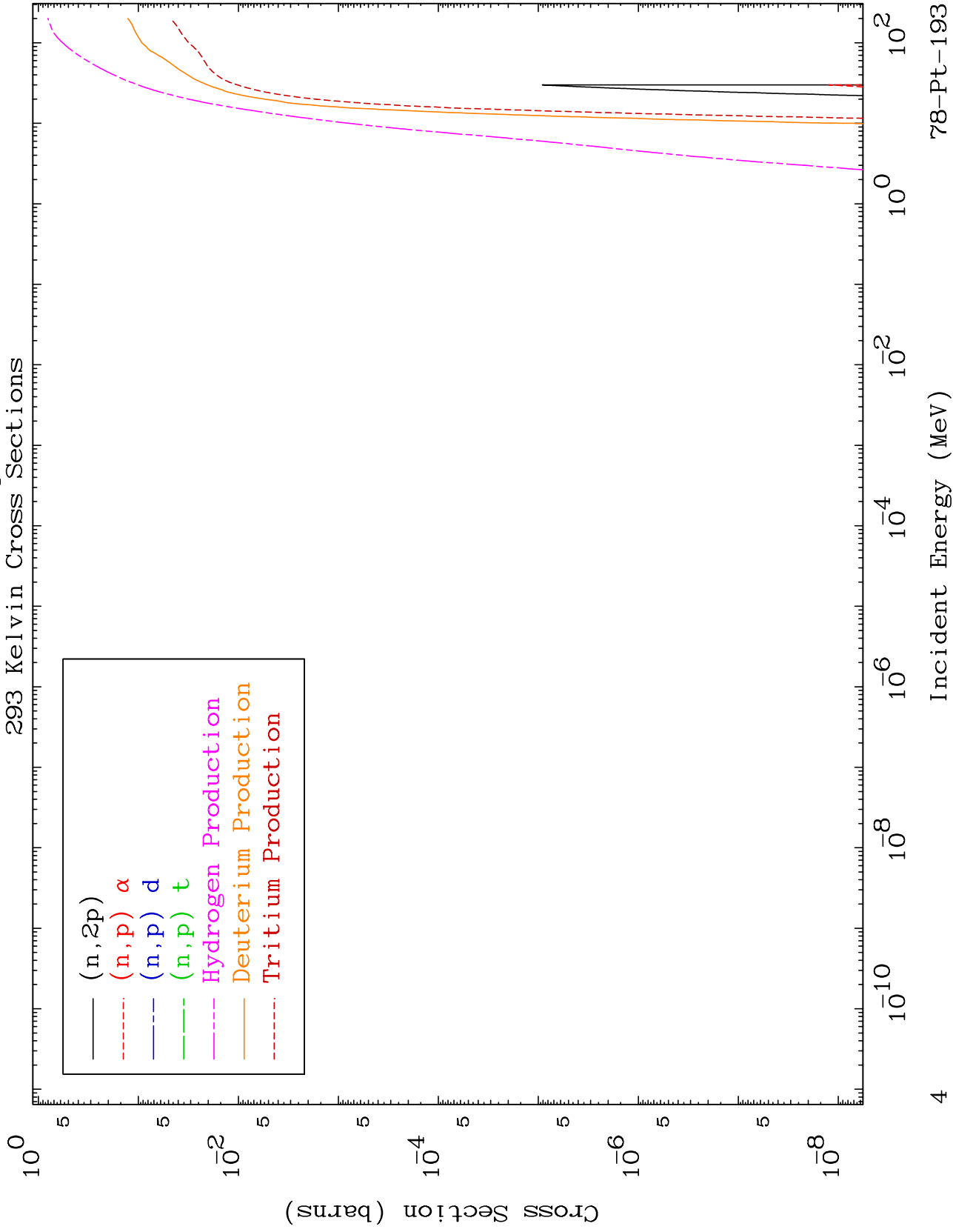




MAT 7834

Neutron Absorption  
293 Kelvin Cross Sections

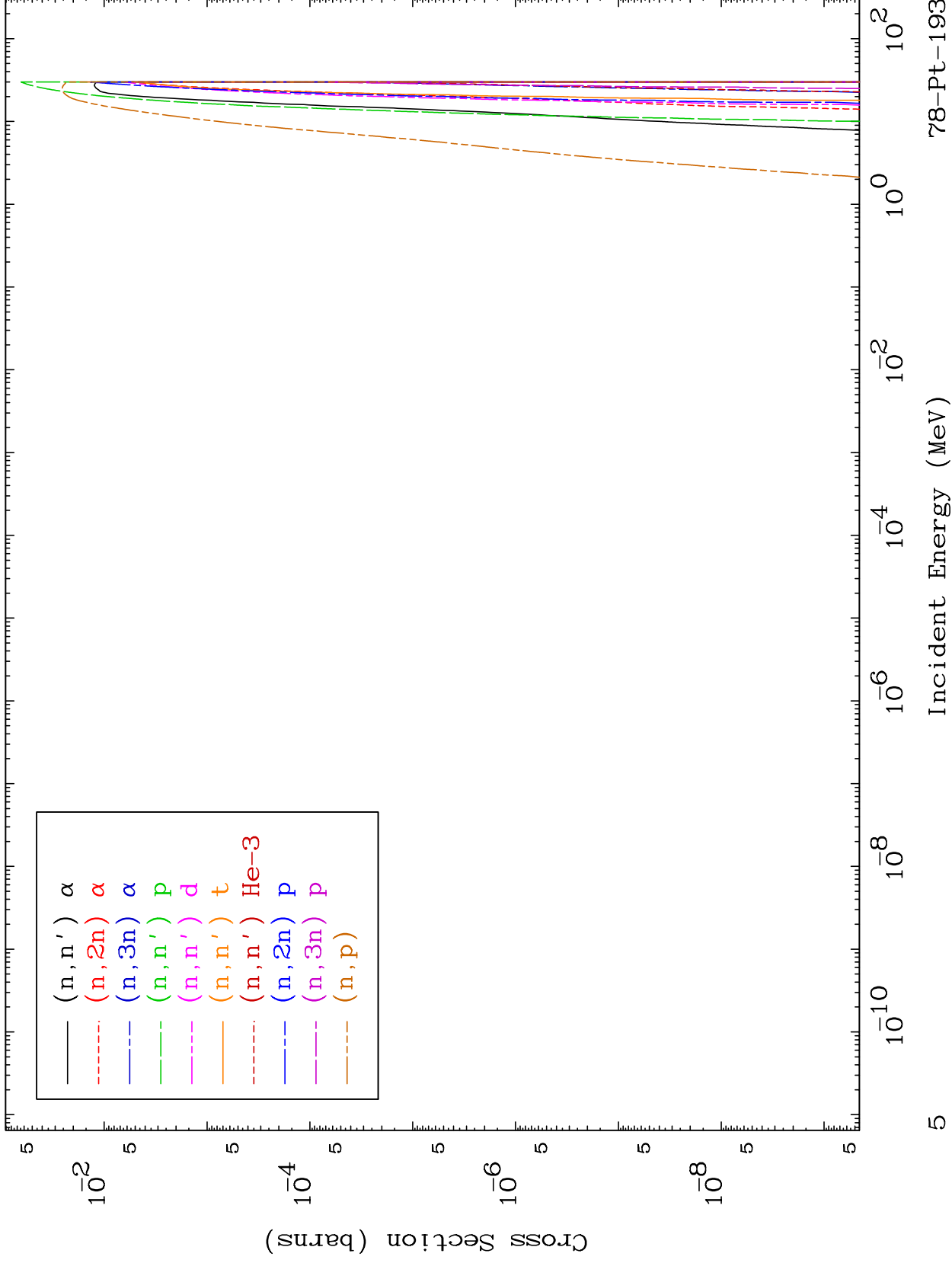
78-Pt-193



MAT 7834

Charged Particle  
293 Kelvin Cross Sections

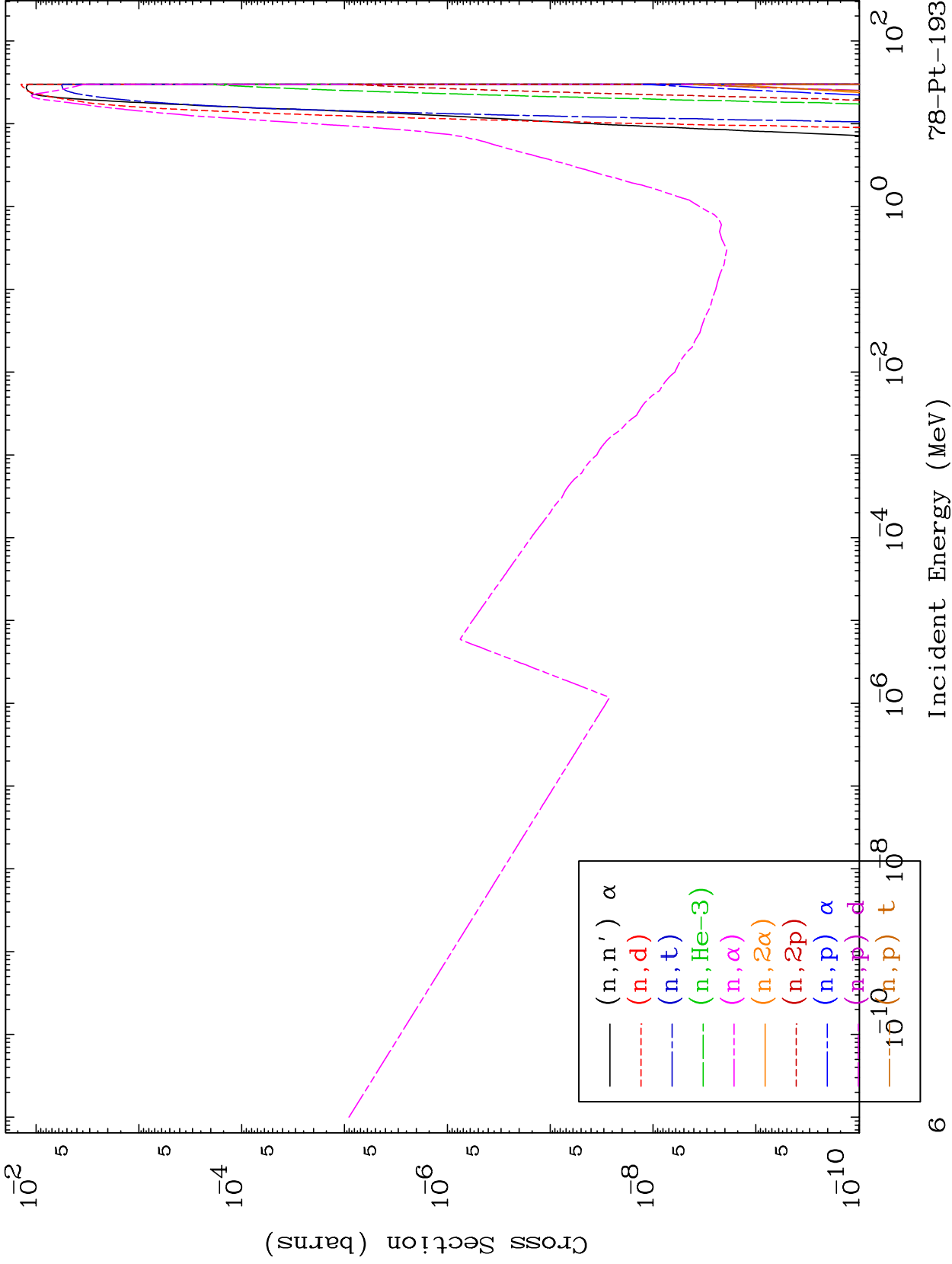
78-Pt-193



MAT 7834

Charged Particle  
293 Kelvin Cross Sections

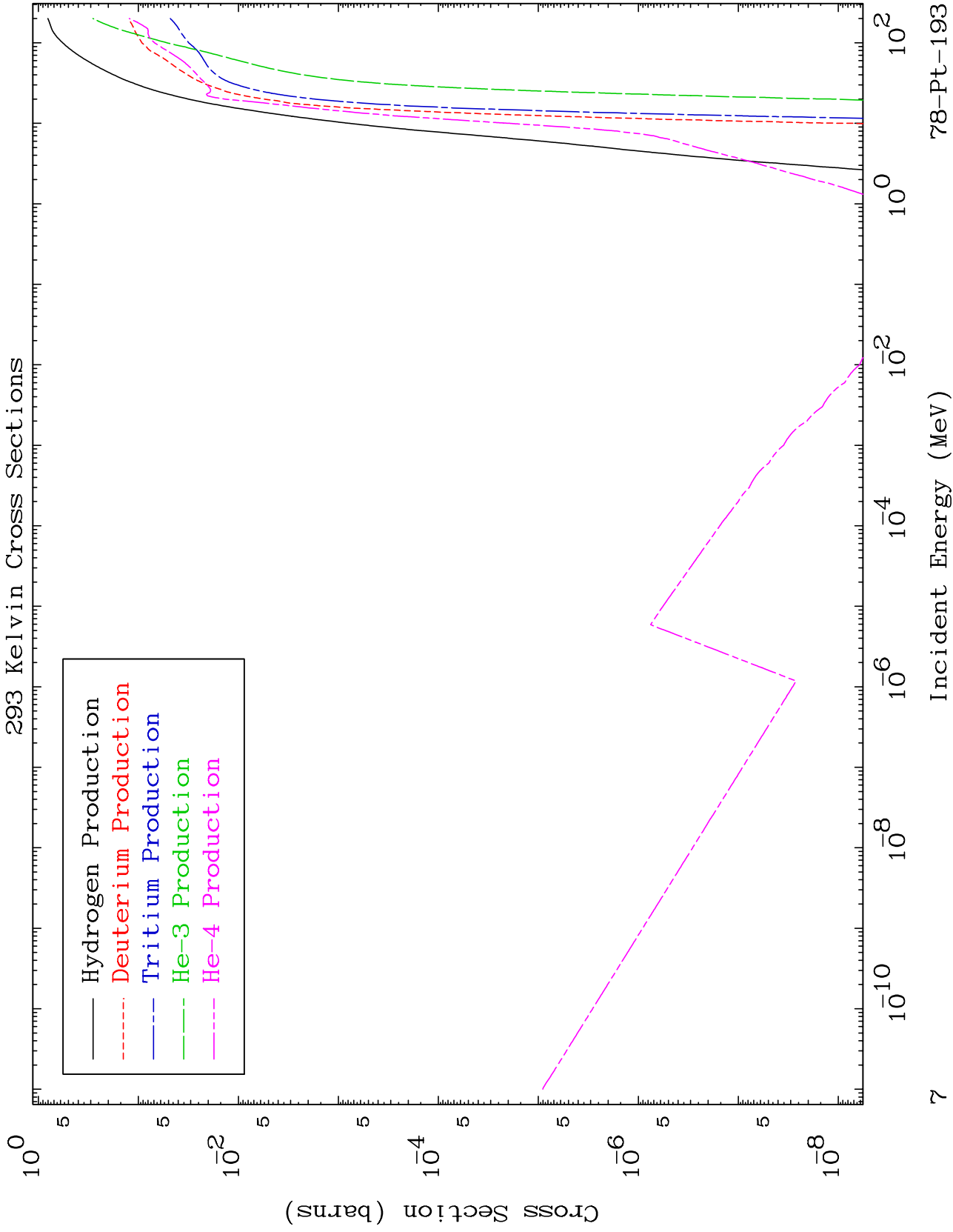
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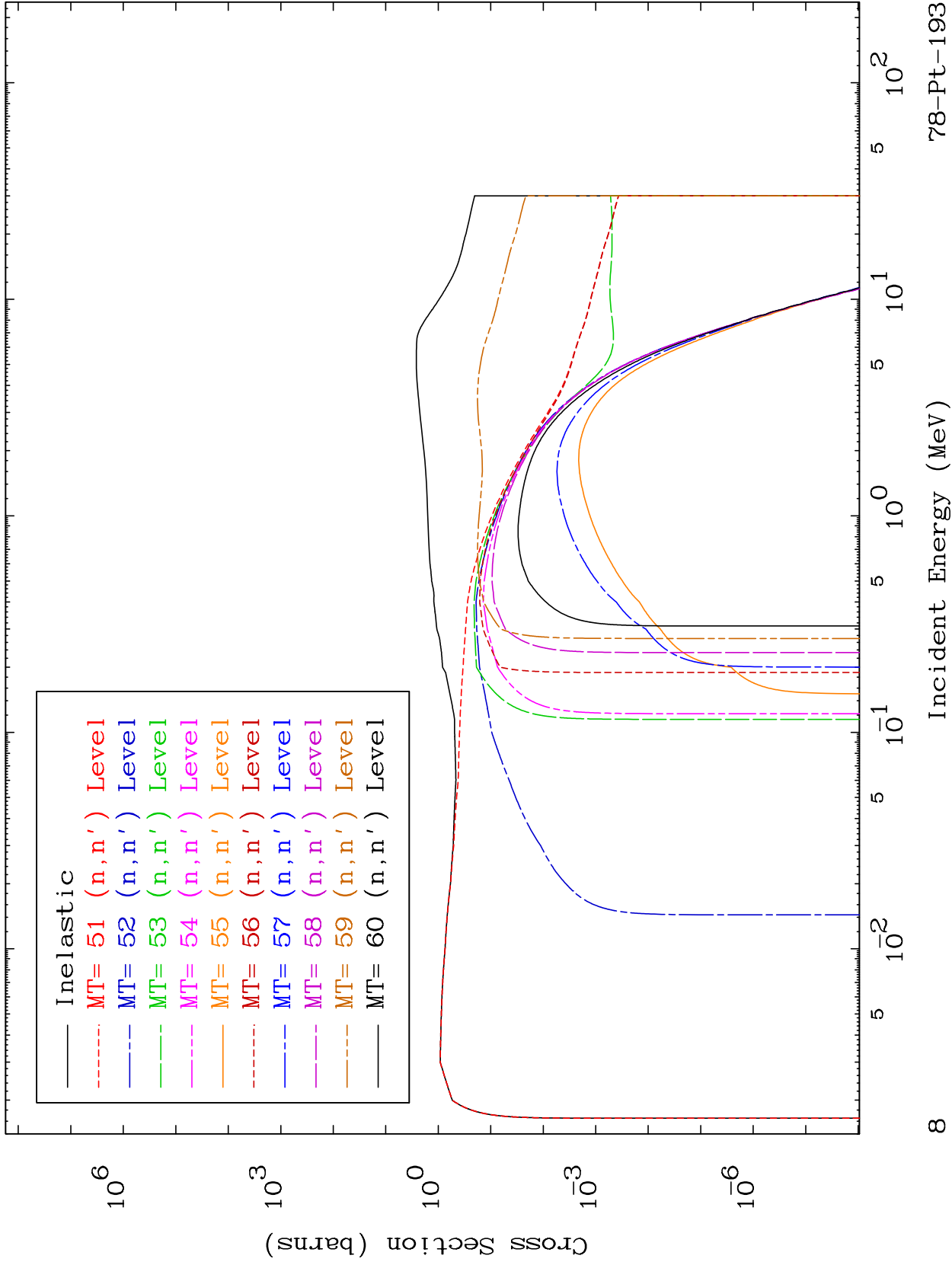
MAT 7834

Particle Production  
293 Kelvin Cross Sections

78-Pt-193



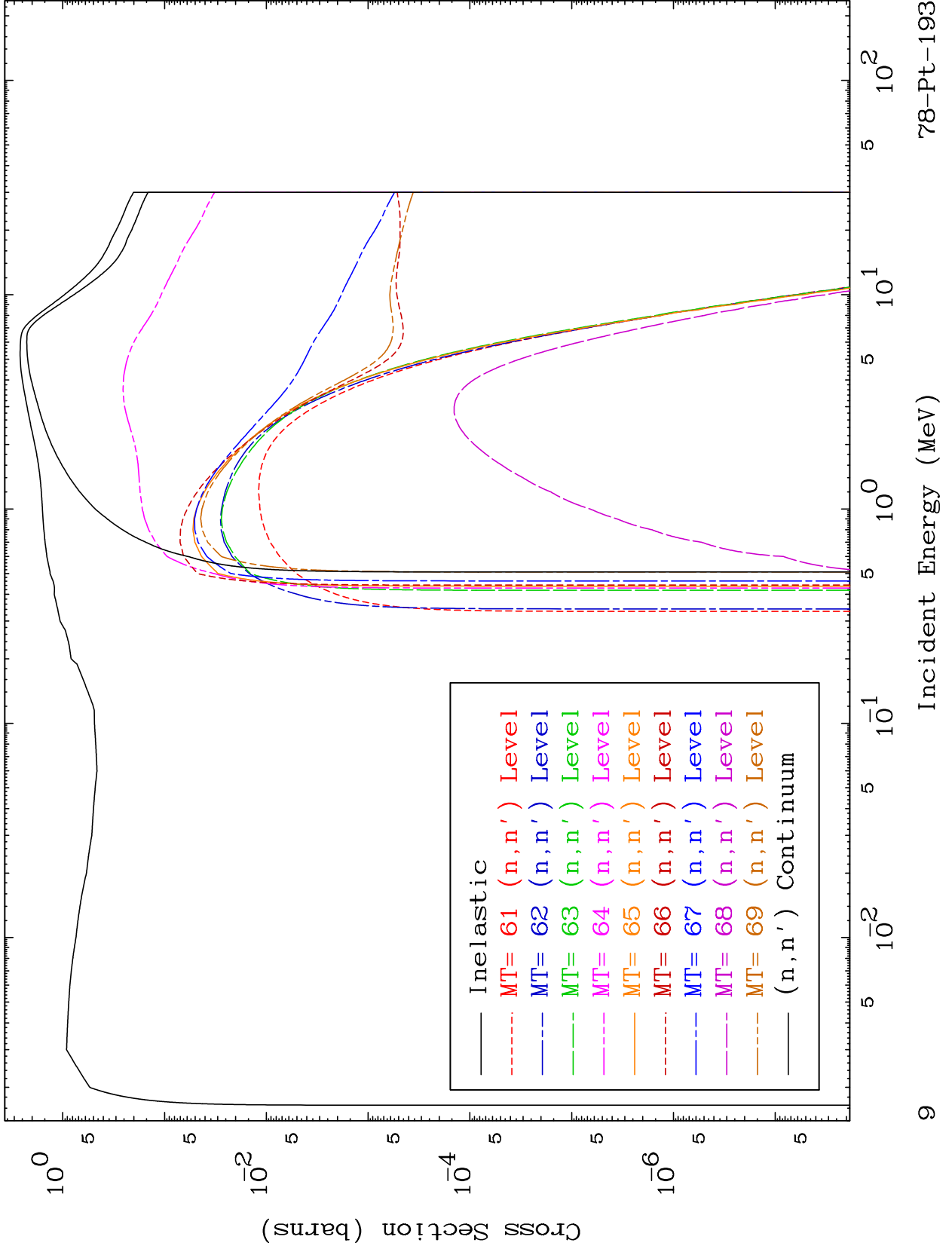




MAT 7834

(n,n') Levels  
293 Kelvin Cross Sections

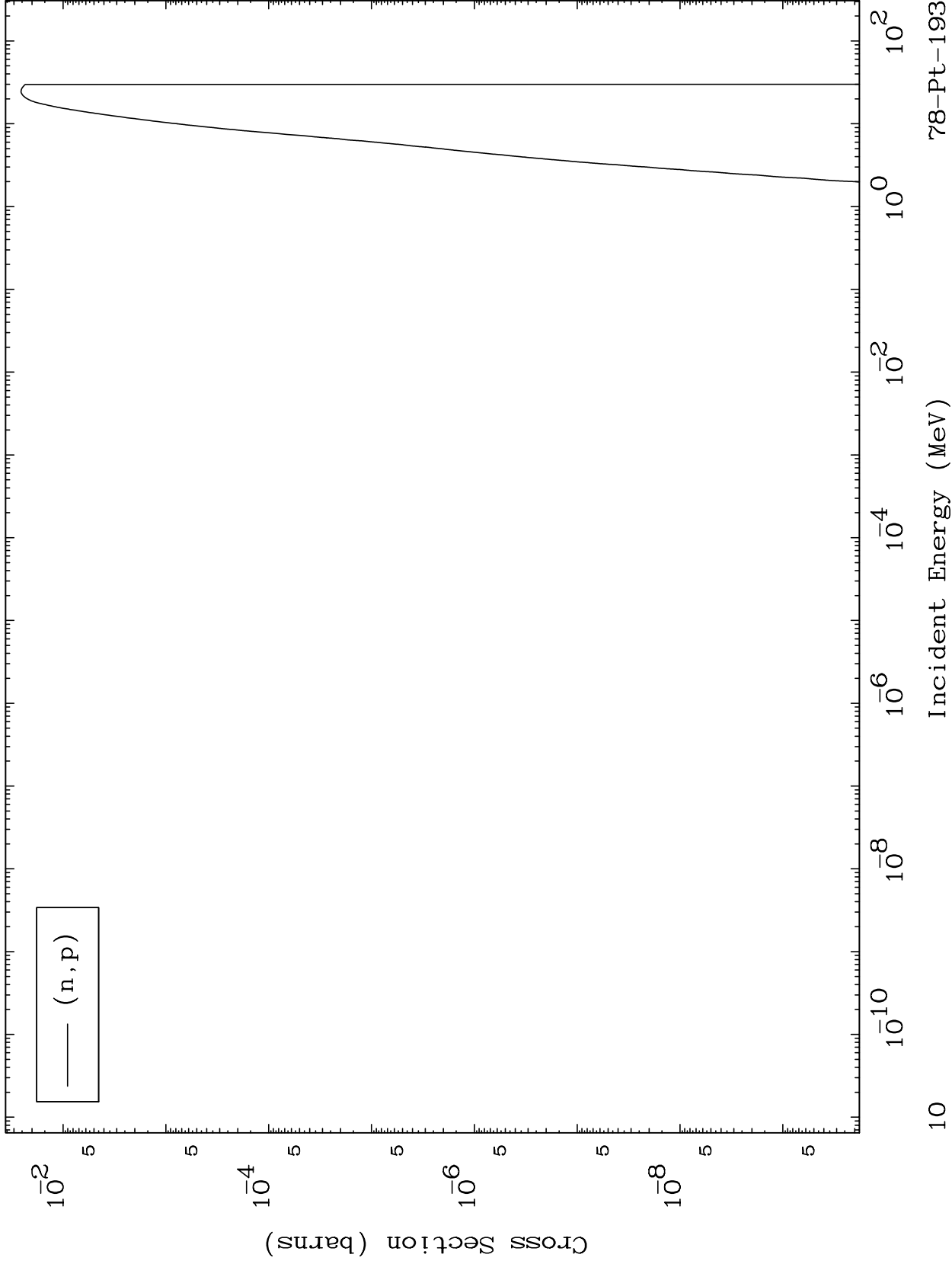
78-Pt-193



MAT 7834

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-193



10

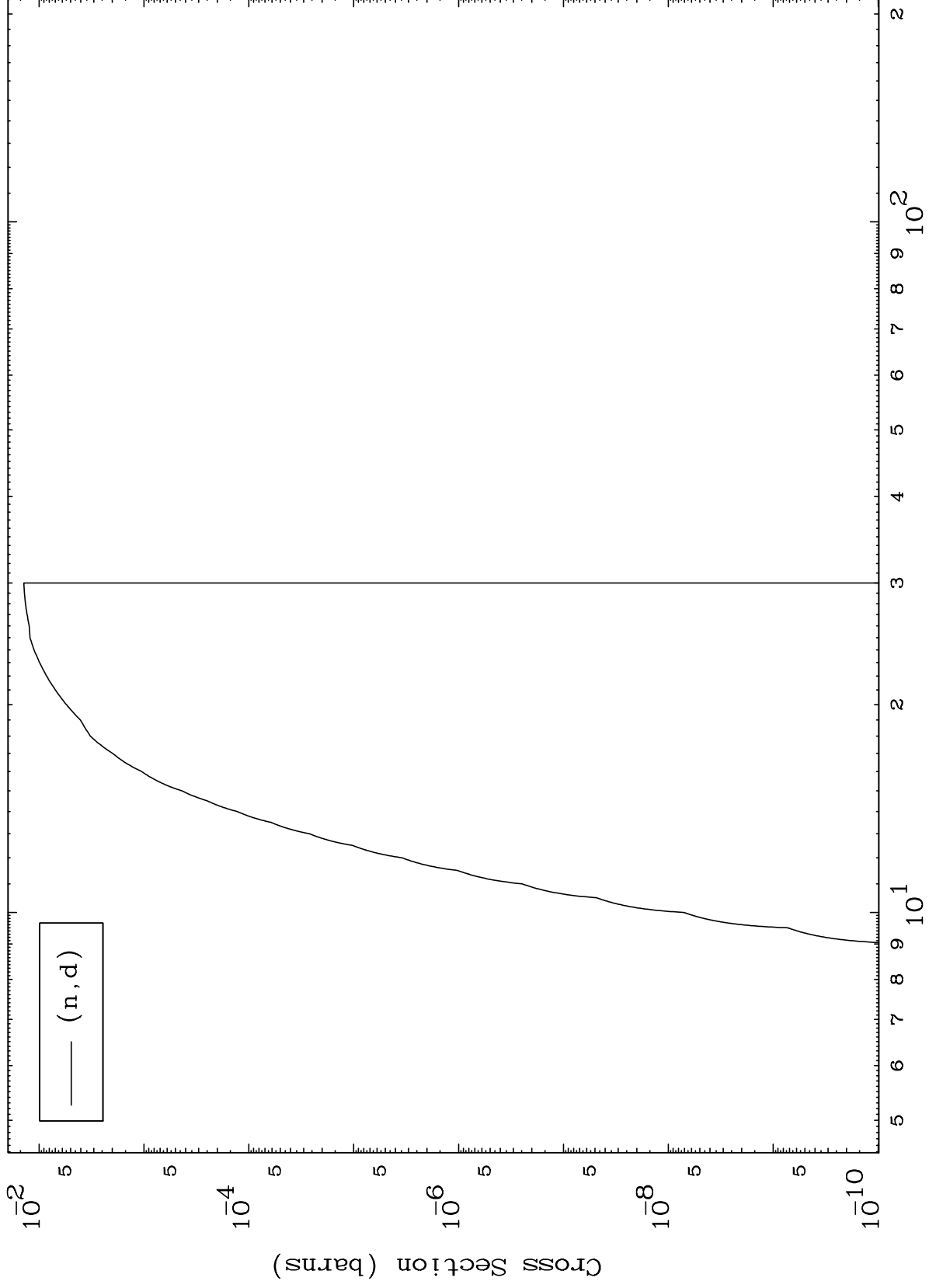
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,d) Levels  
293 Kelvin Cross Sections

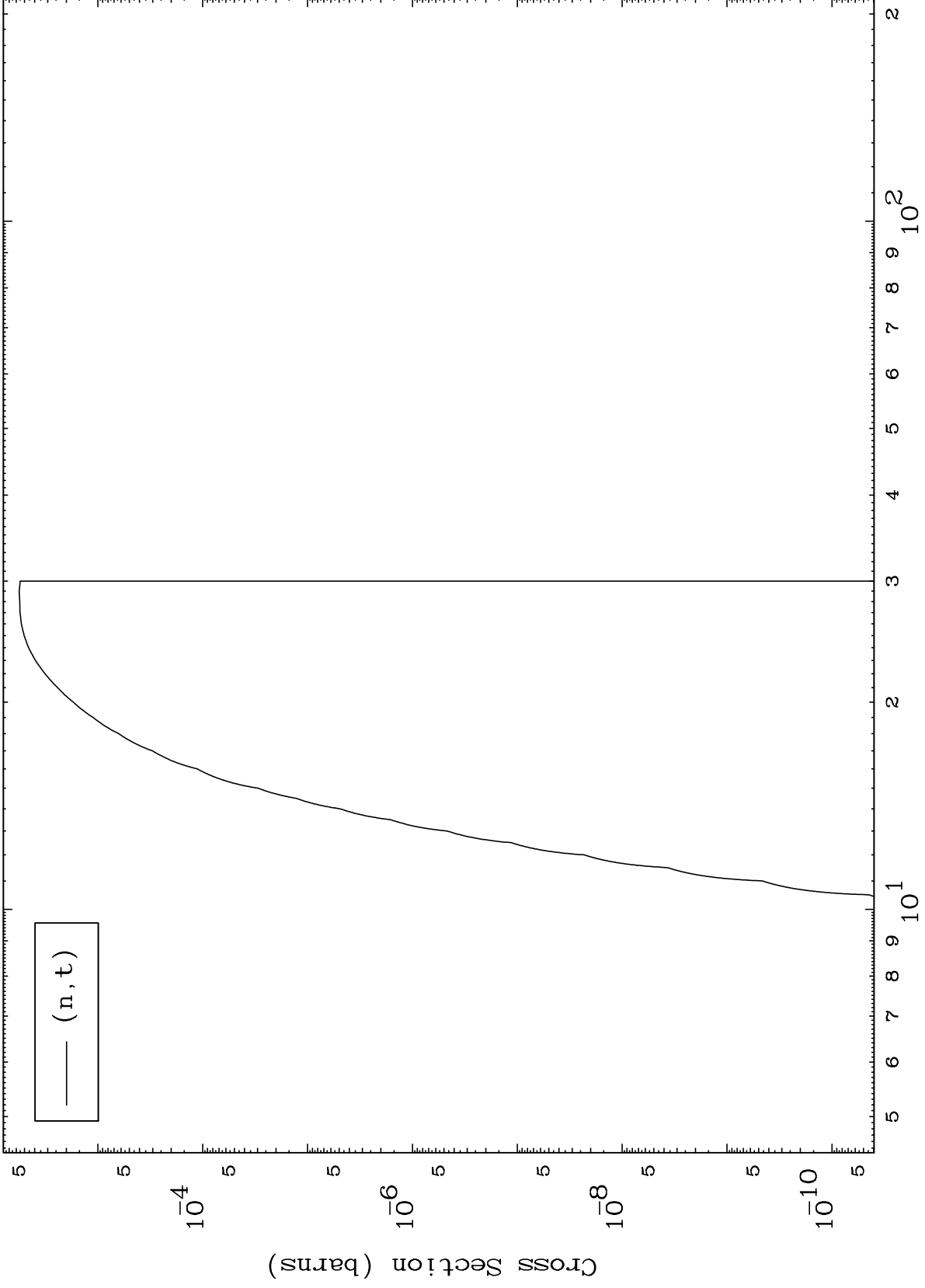
78-Pt-193



MAT 7834

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-193



12

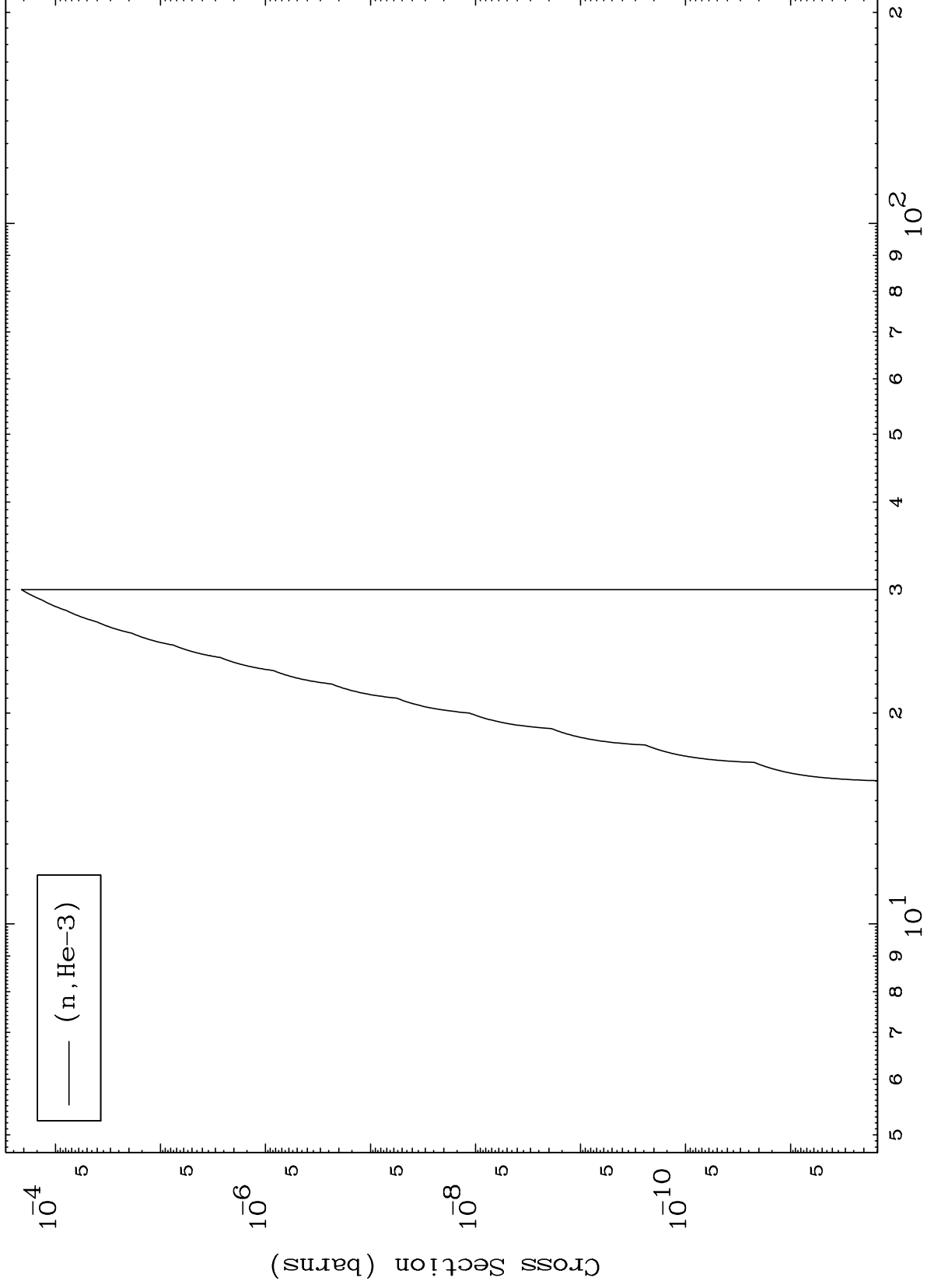
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-193



13

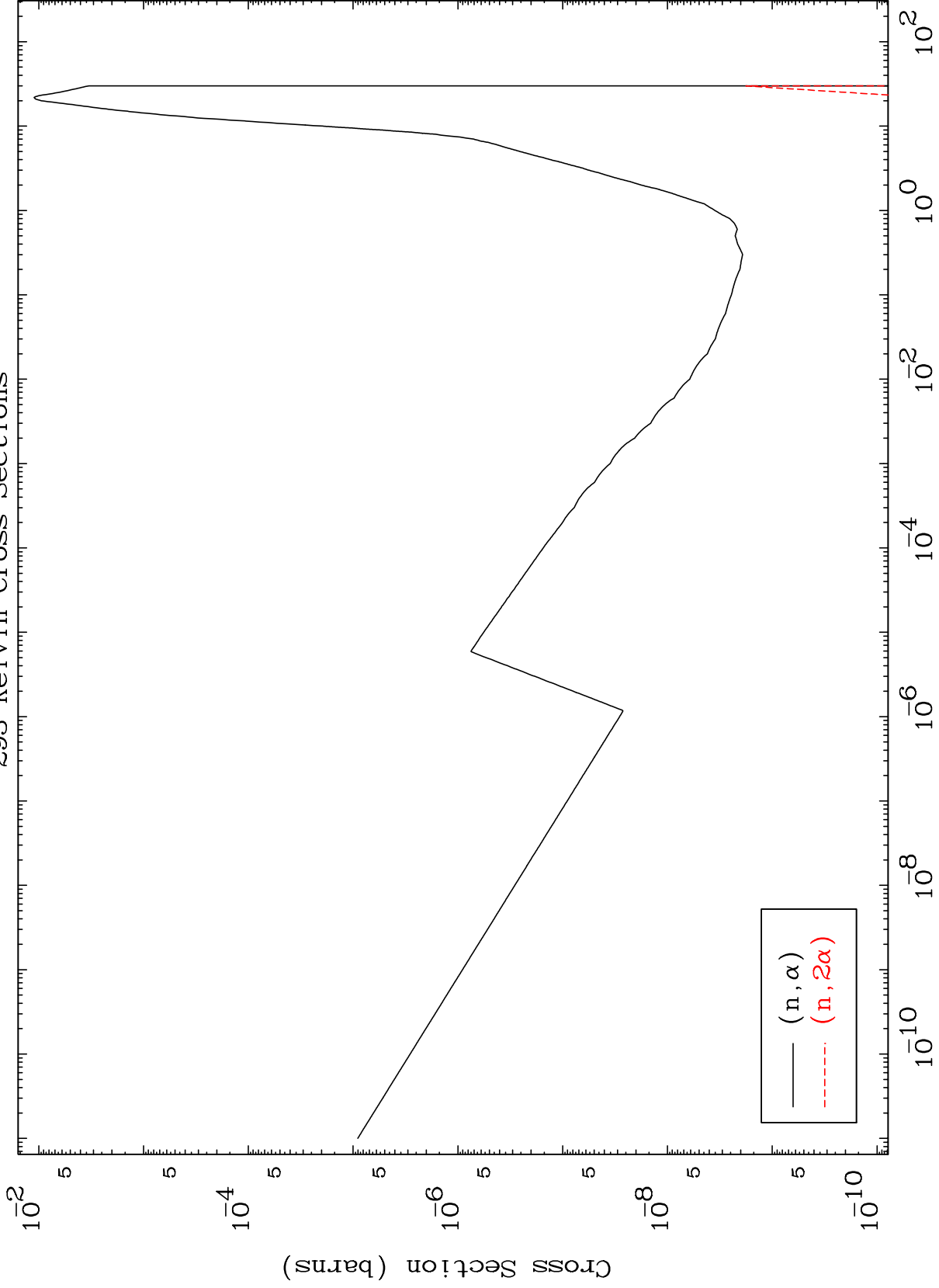
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,α) Levels  
293 Kelvin Cross Sections

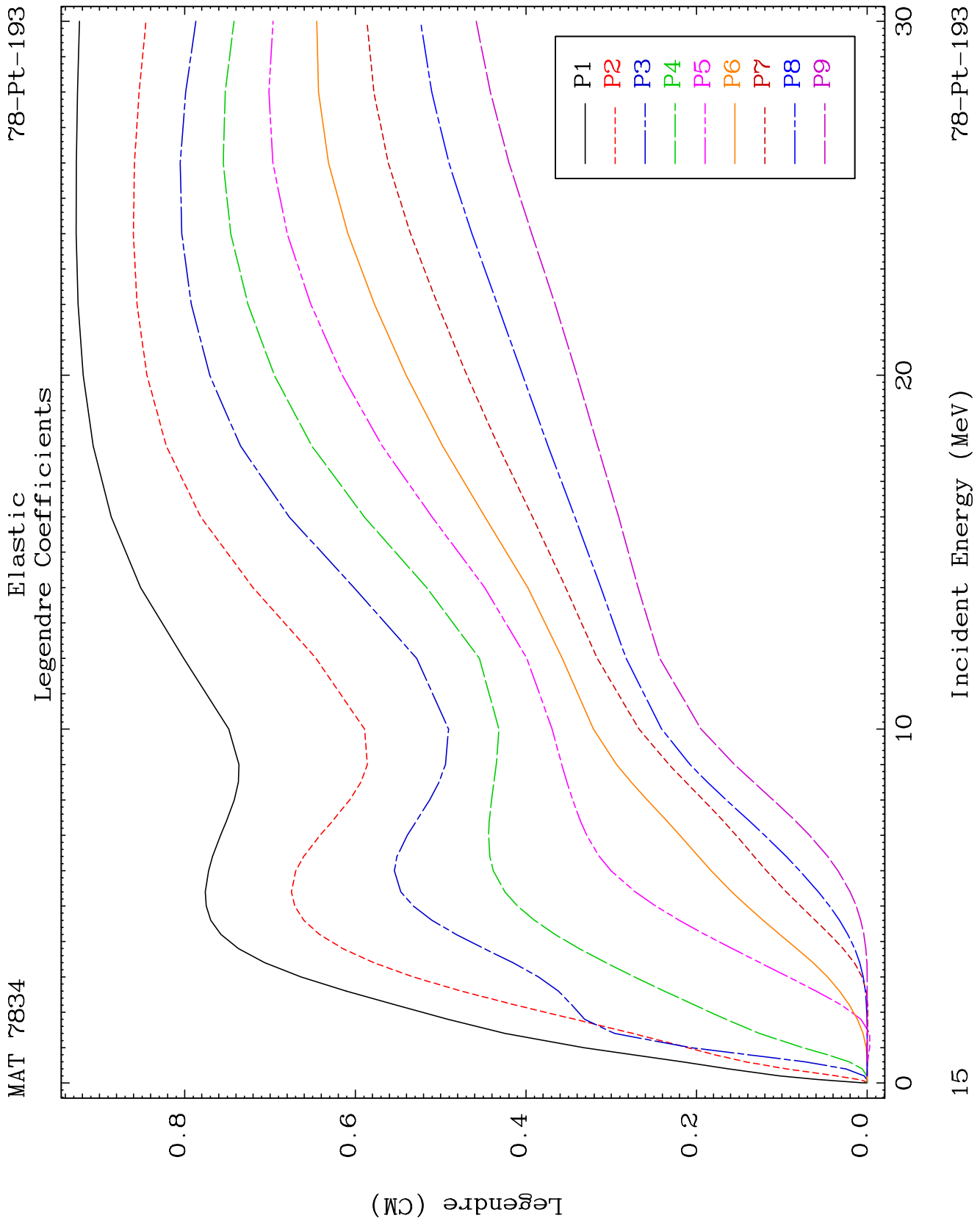
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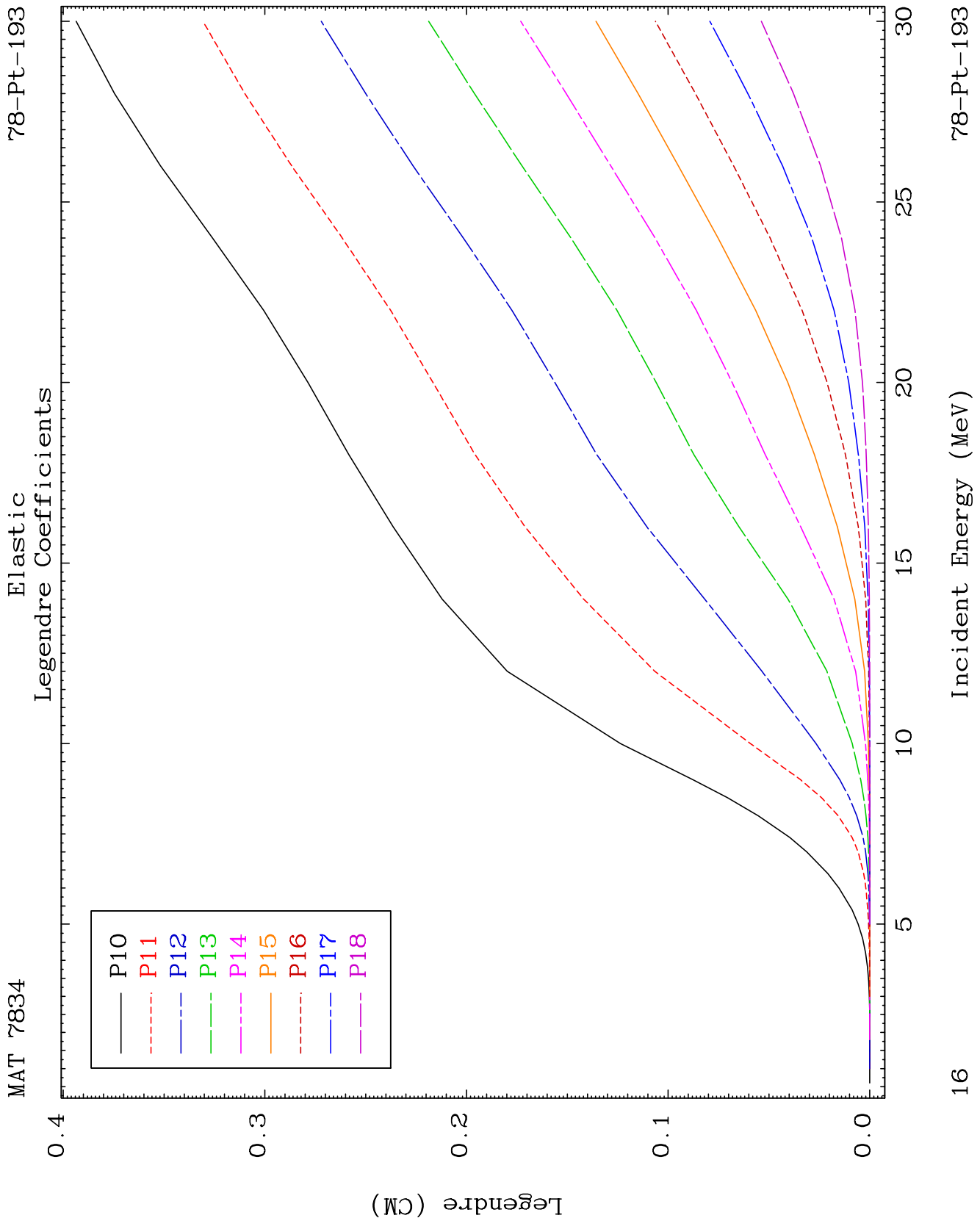
78-Pt-193

Incident Energy (MeV)

14



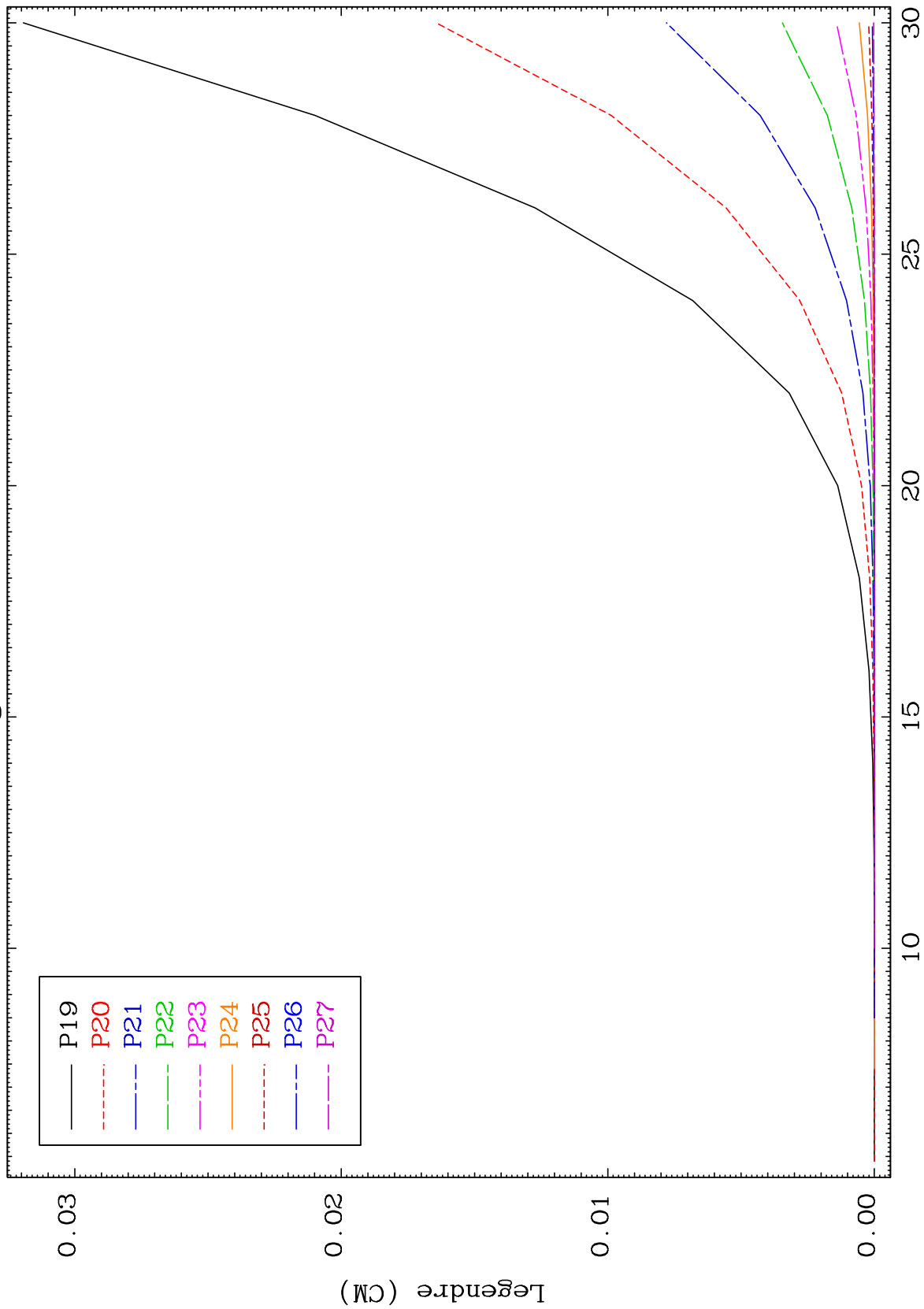




MAT 7834

Elastic Legendre Coefficients

78-Pt-193



17

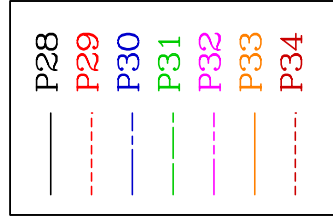
Incident Energy (MeV)

78-Pt-193

MAT 7834

Elastic  
Legendre Coefficients

78-Pt-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

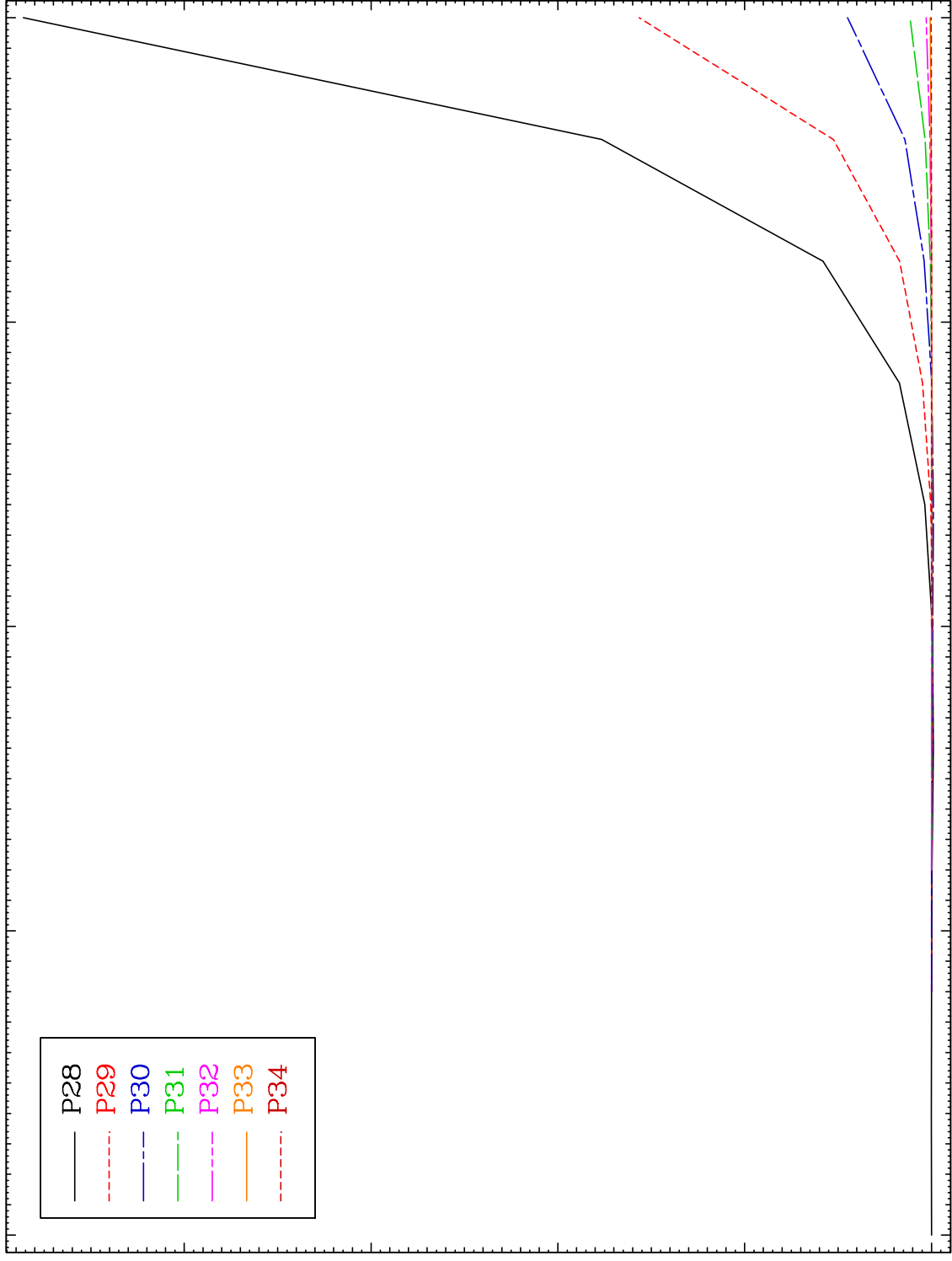
25

30

18

Incident Energy (MeV)

78-Pt-193

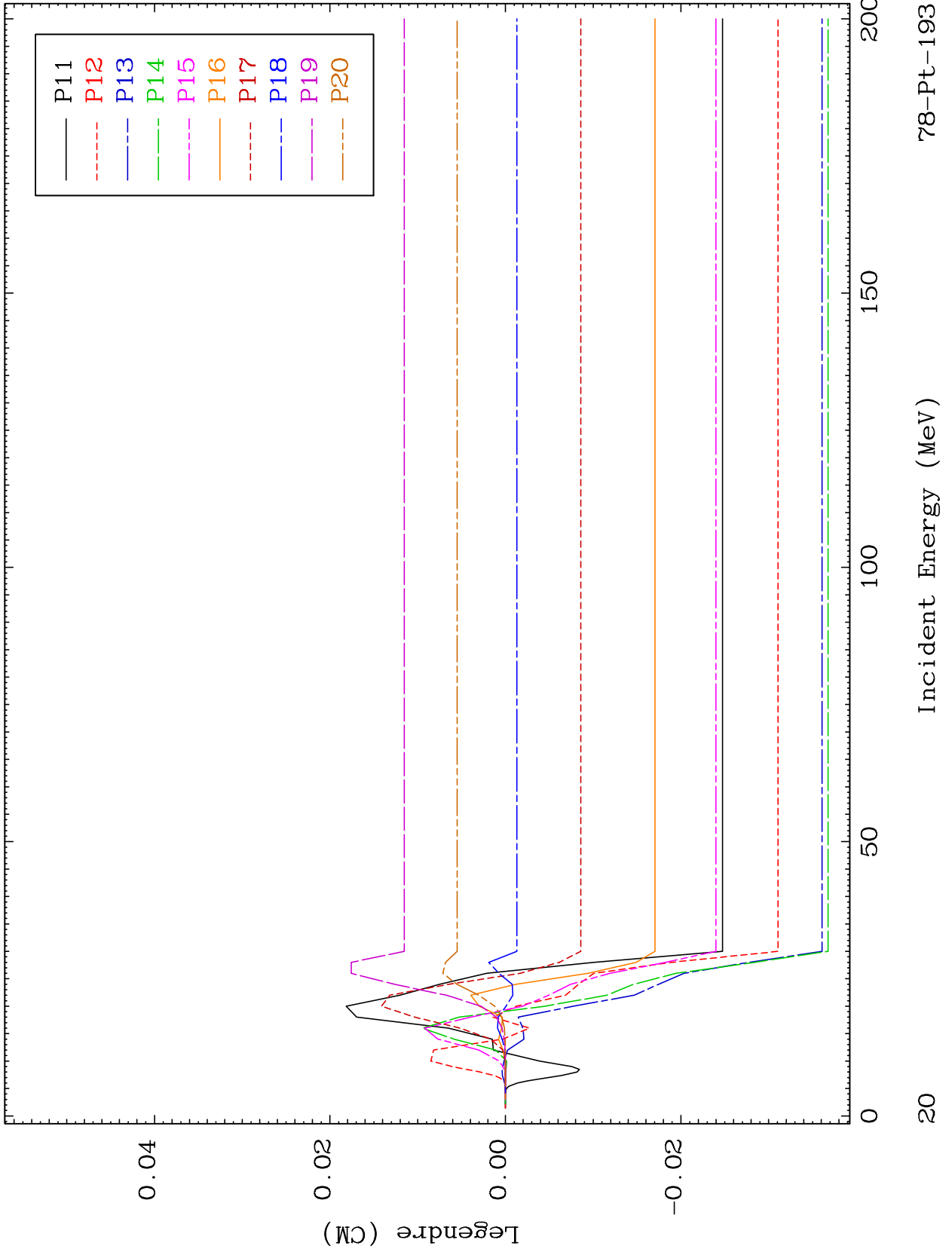


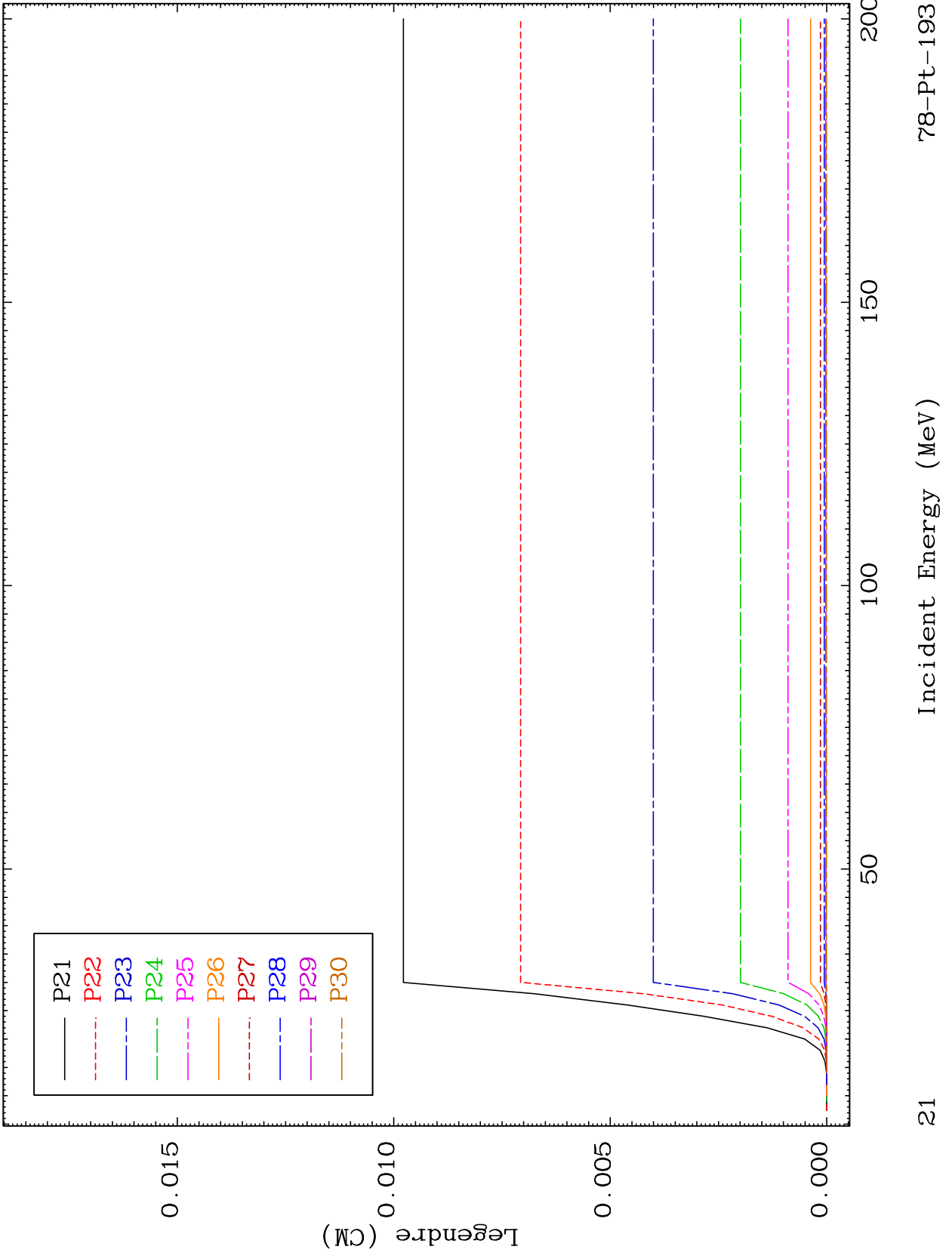


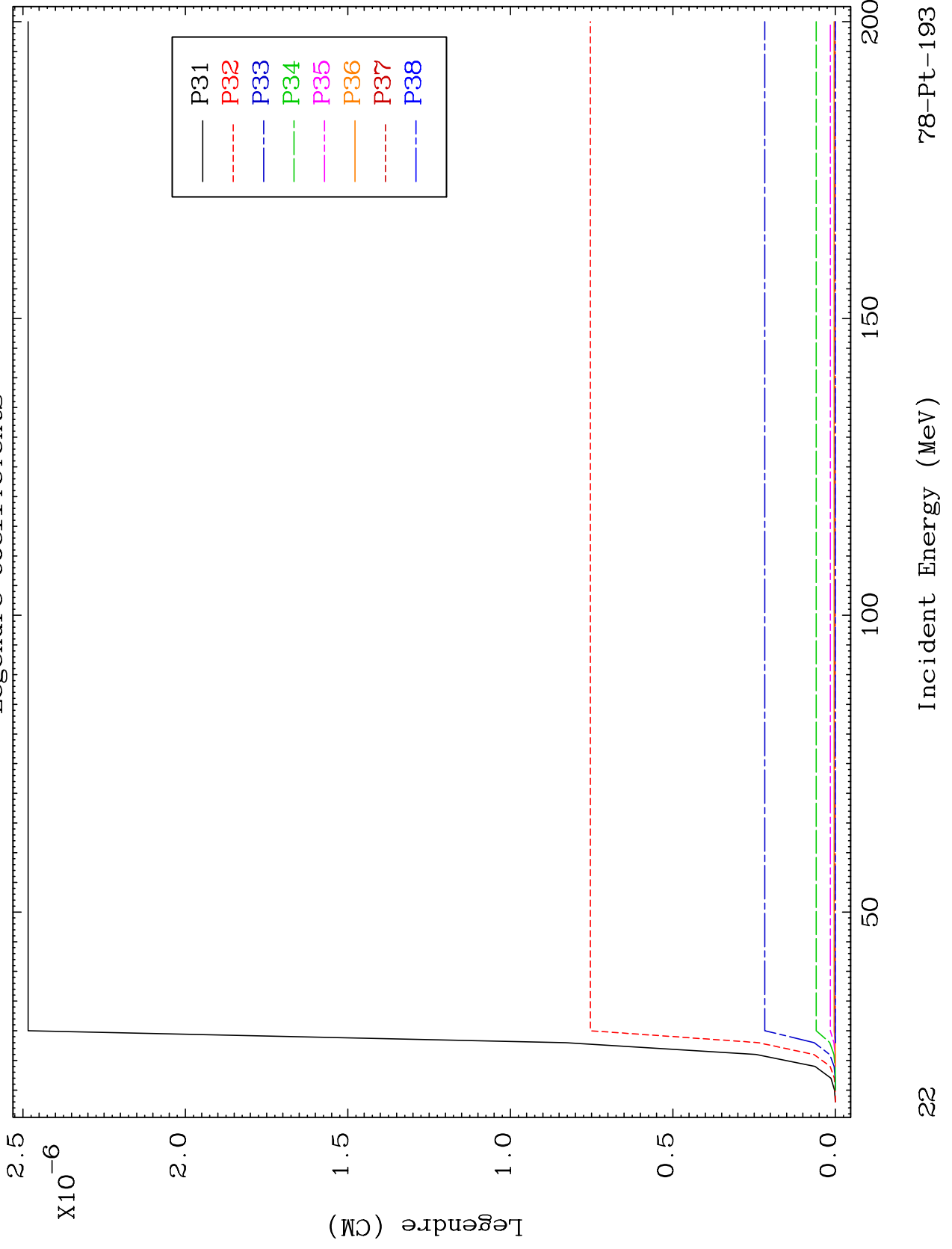
MAT 7834

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

78-Pt-193



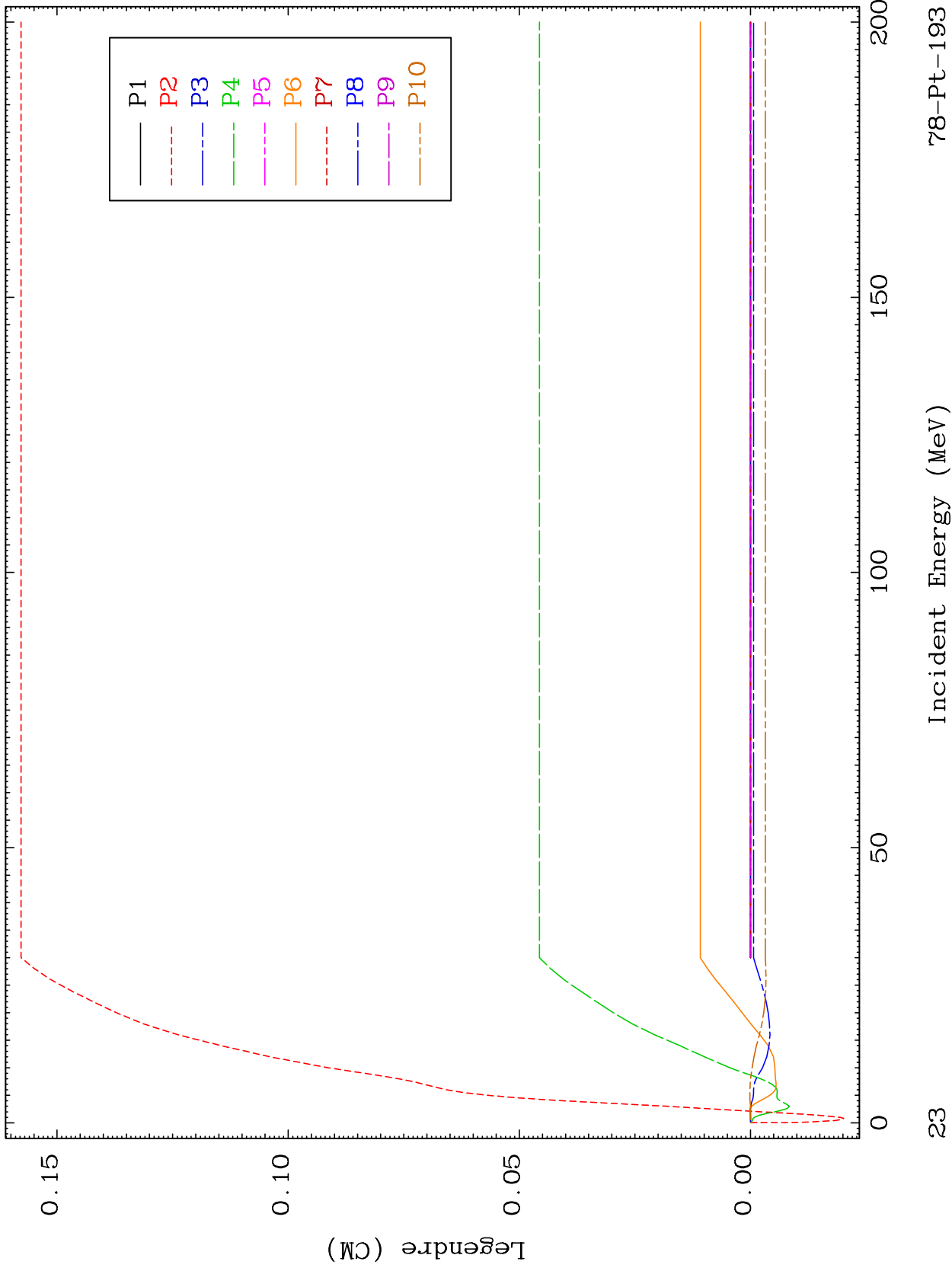




MAT 7834

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

78-Pt-193



78-Pt-193

Incident Energy (MeV)

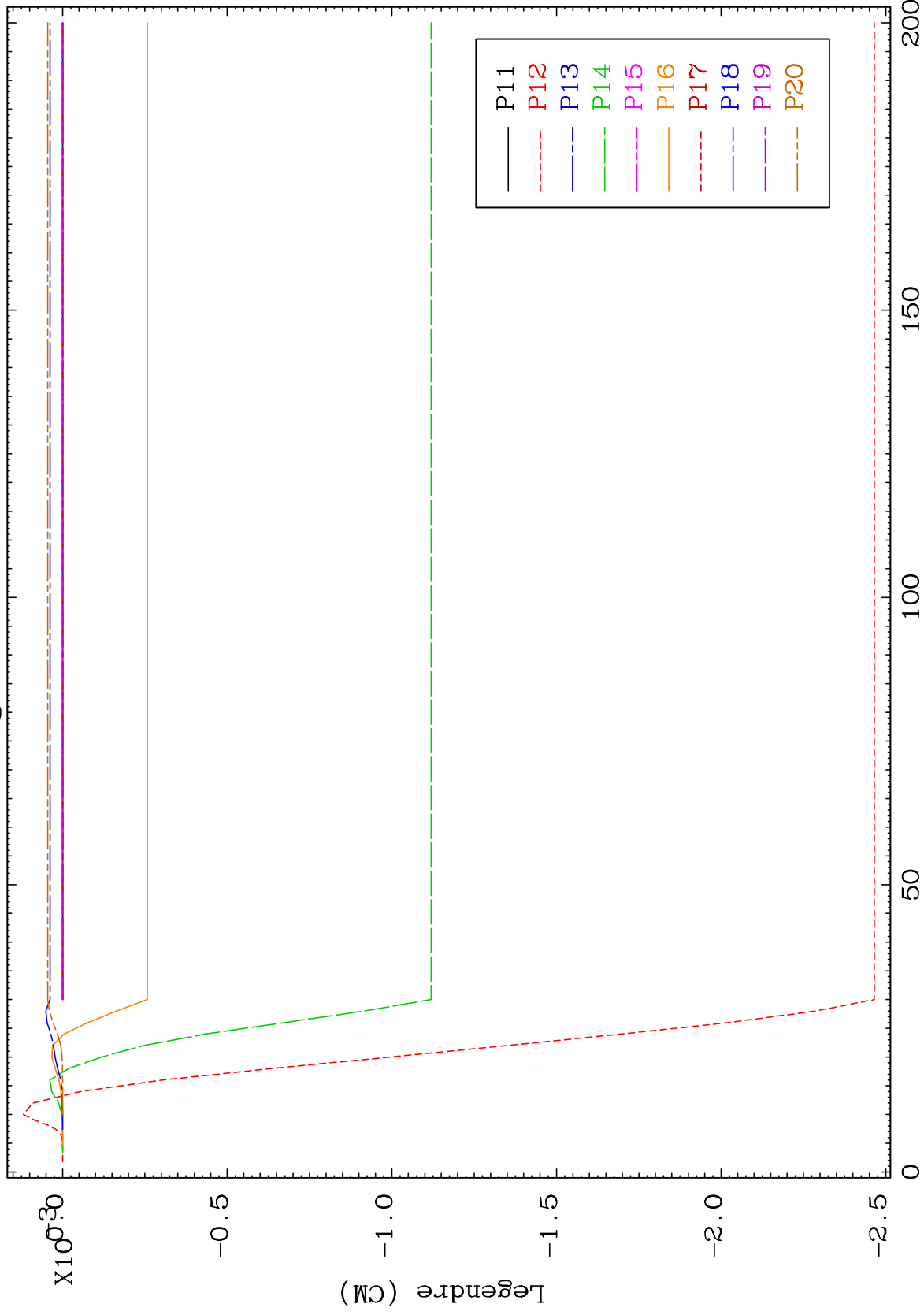
23



MAT 7834

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

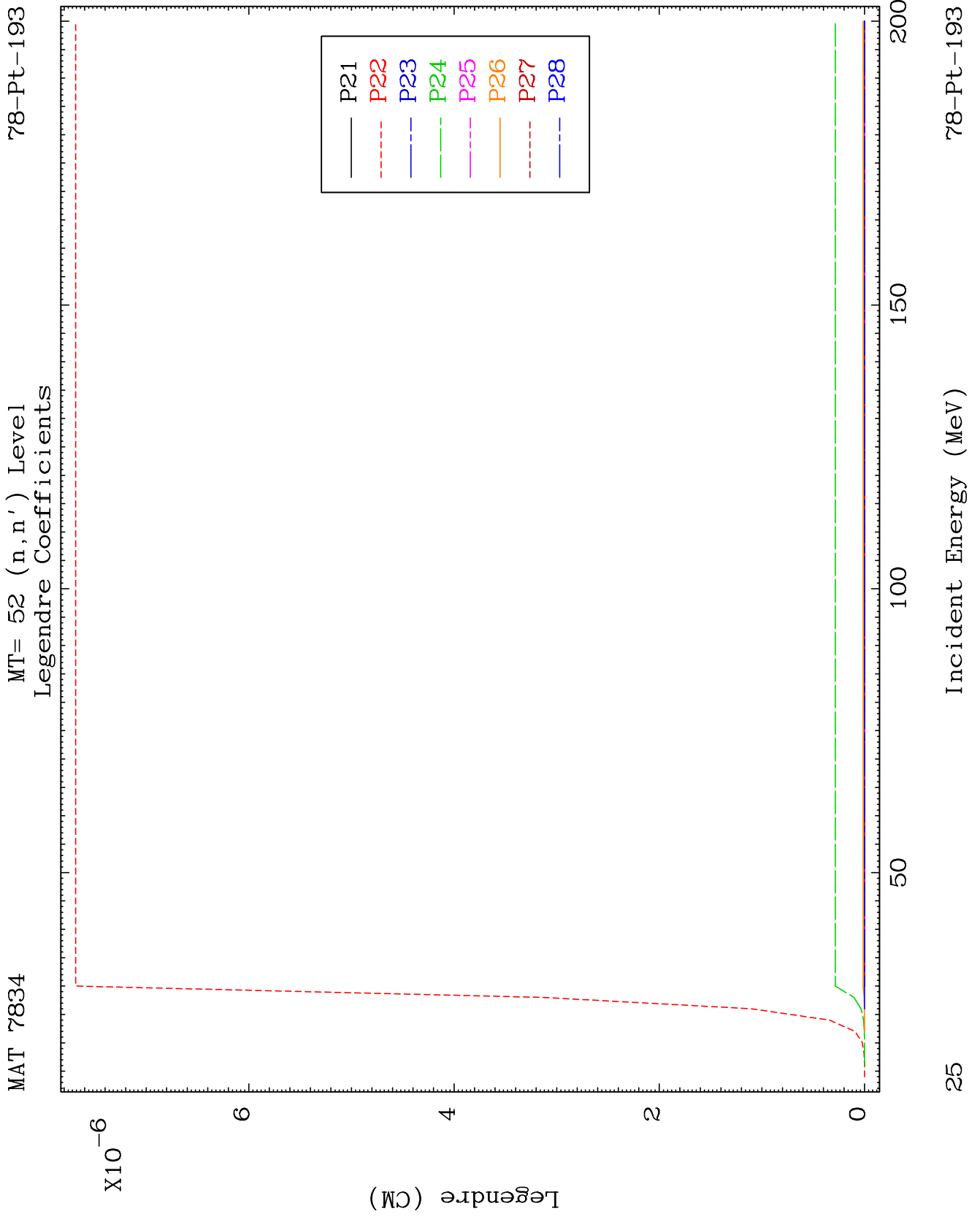
78-Pt-193



24

Incident Energy (MeV)

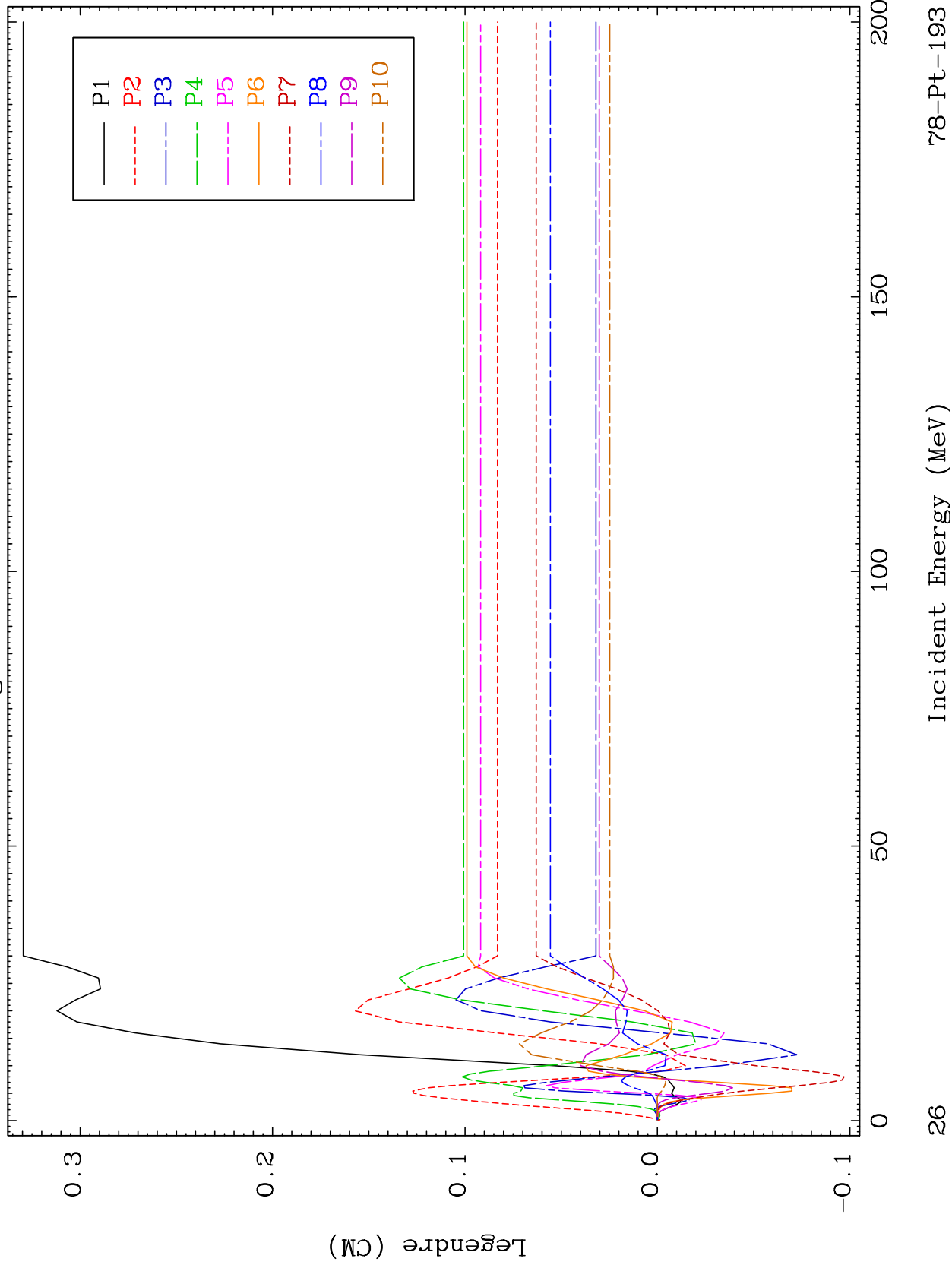
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

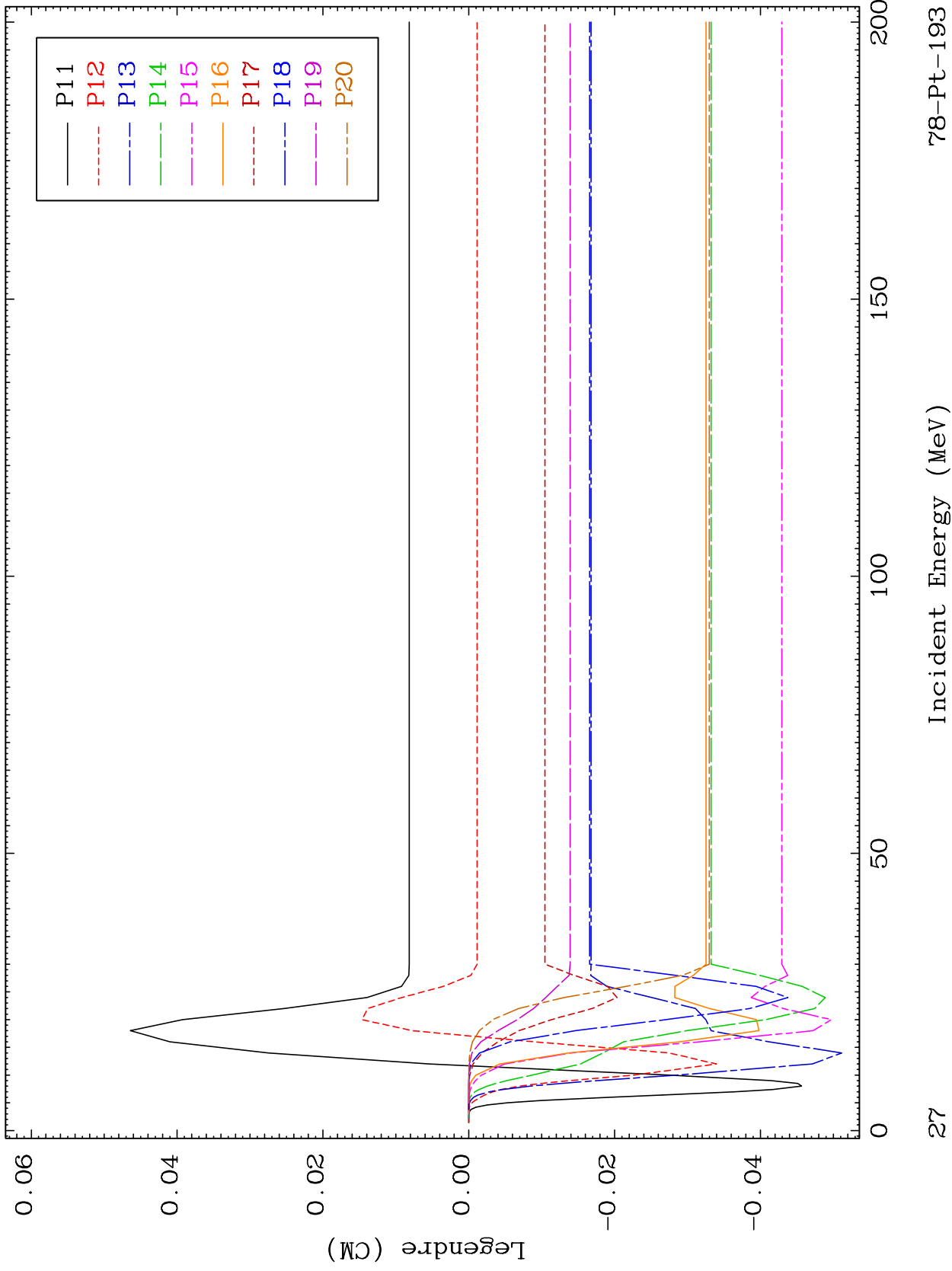
Incident Energy (MeV)

26

MAT 7834

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

78-Pt-193



27

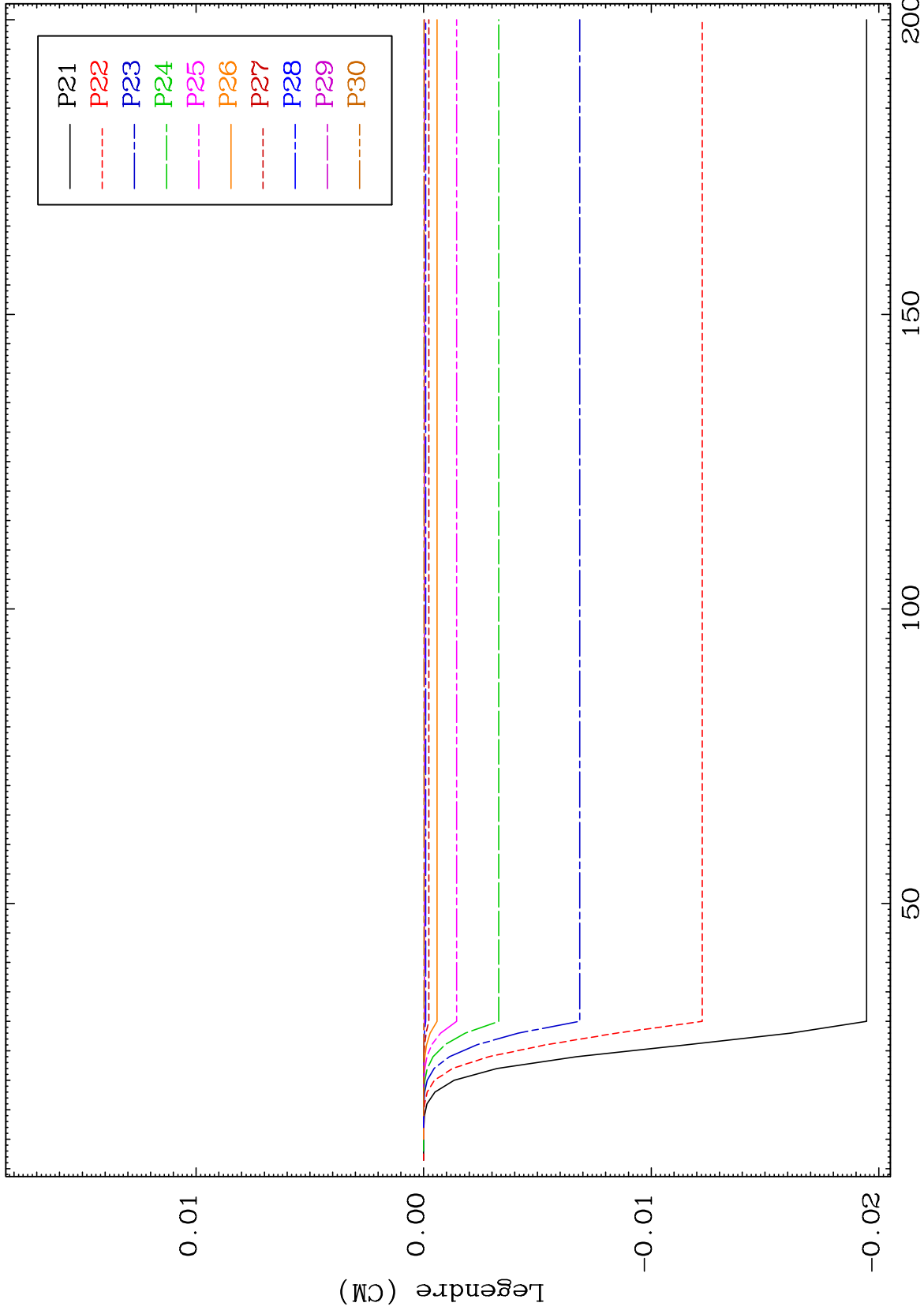
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



28

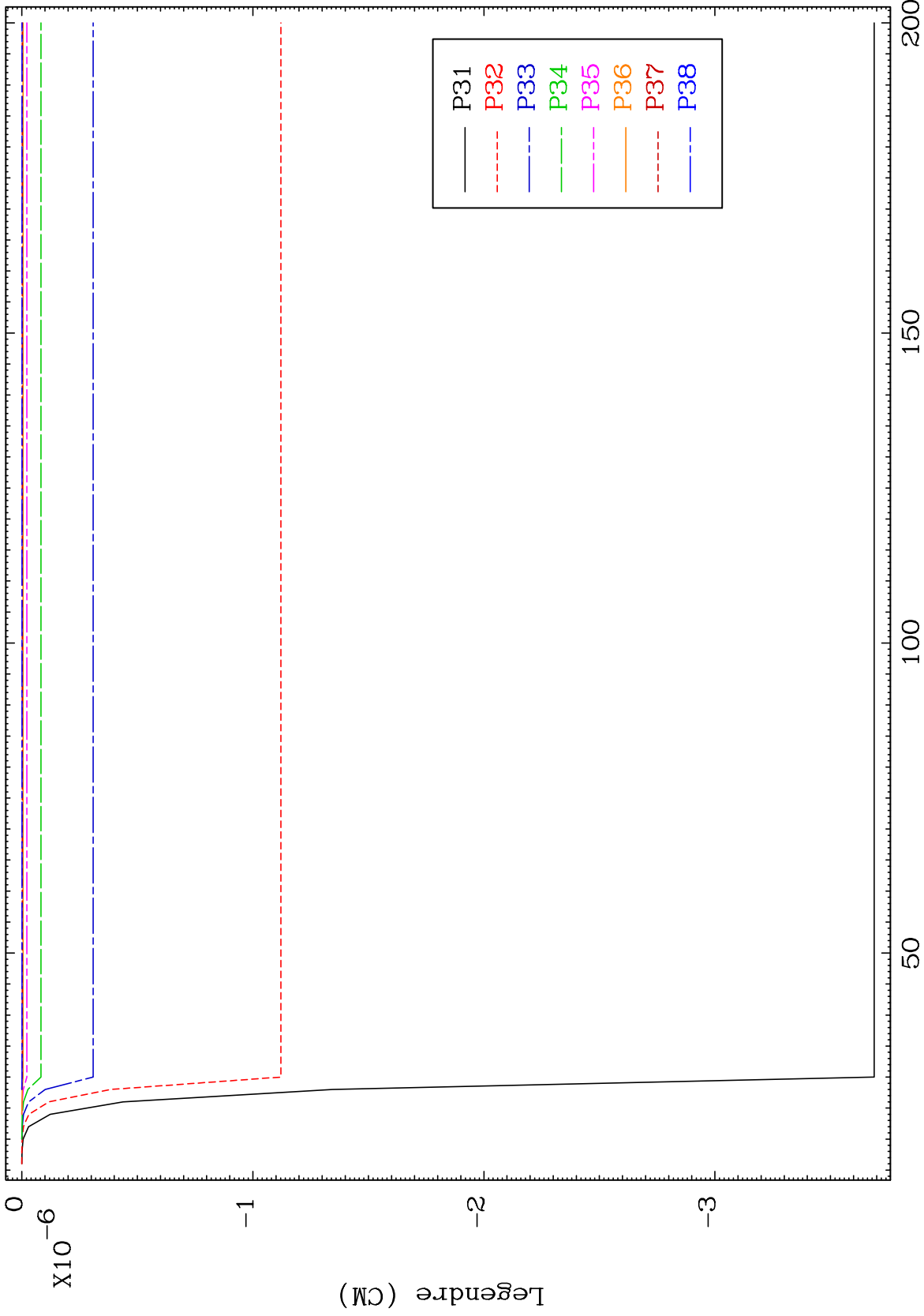
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



29

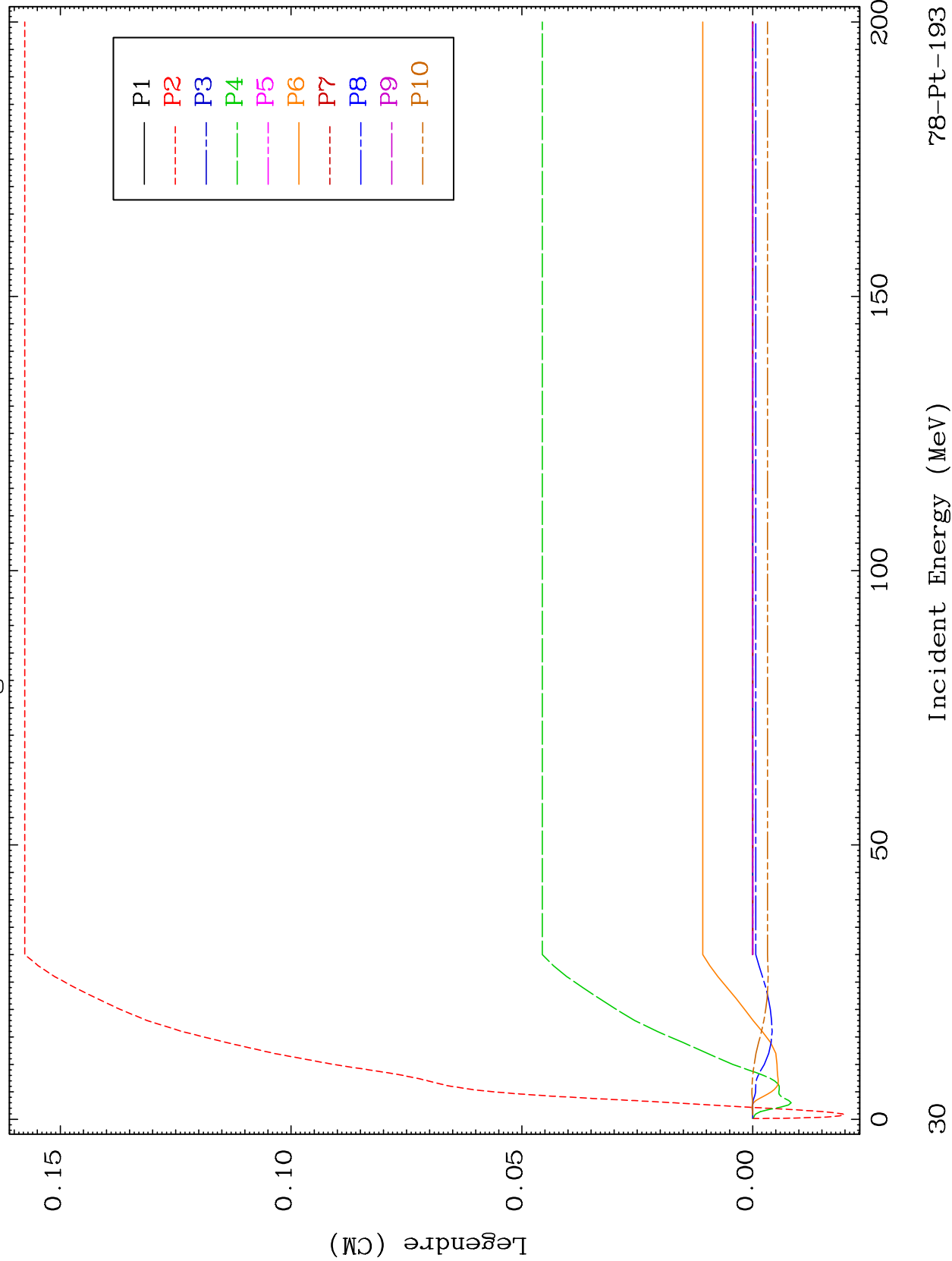
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

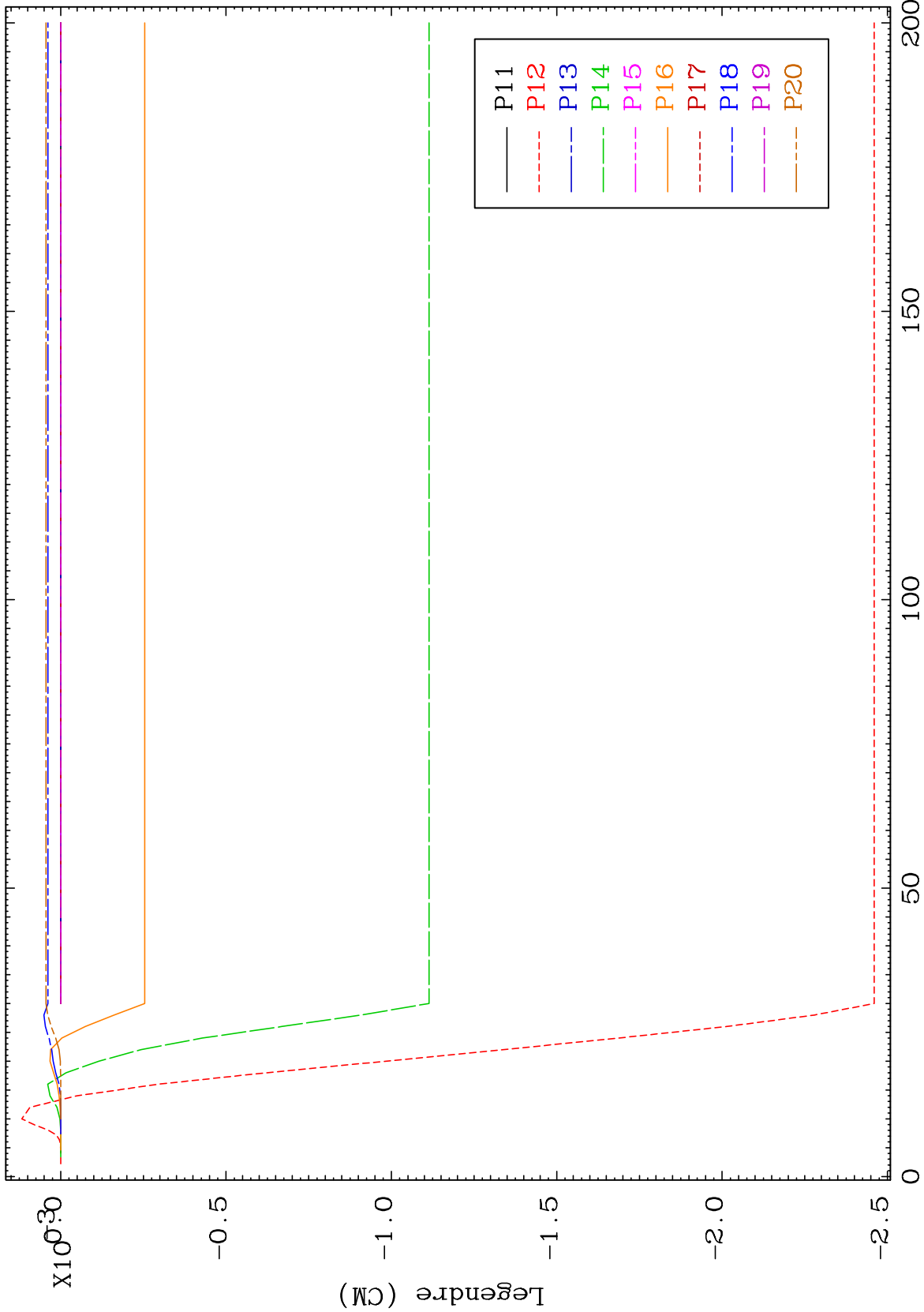
Incident Energy (MeV)

MAT 7834

MT= 54 (n,n') Level

78-Pt-193

Legendre Coefficients



31

Incident Energy (MeV)

78-Pt-193

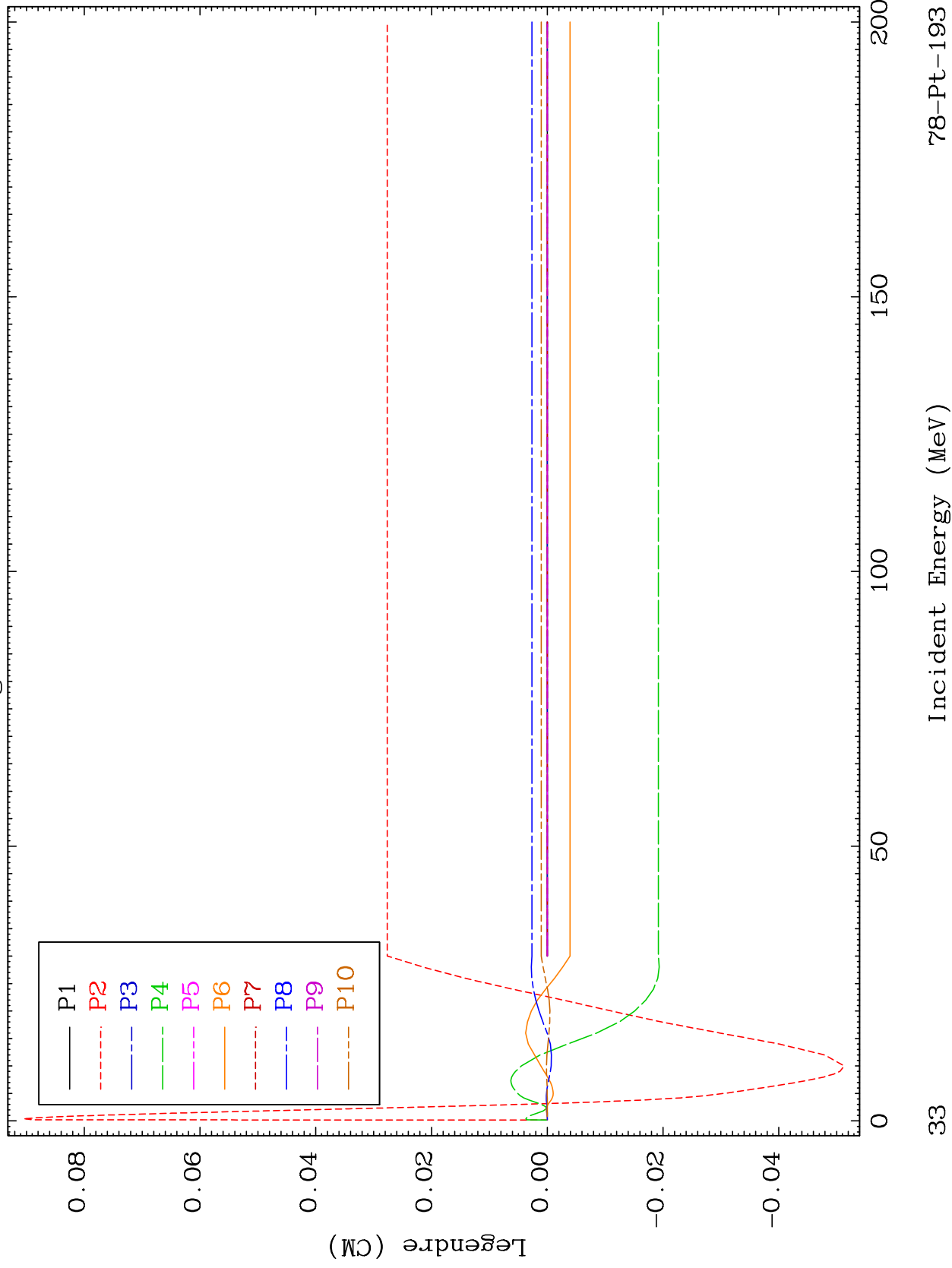




MAT 7834

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

78-Pt-193



78-Pt-193

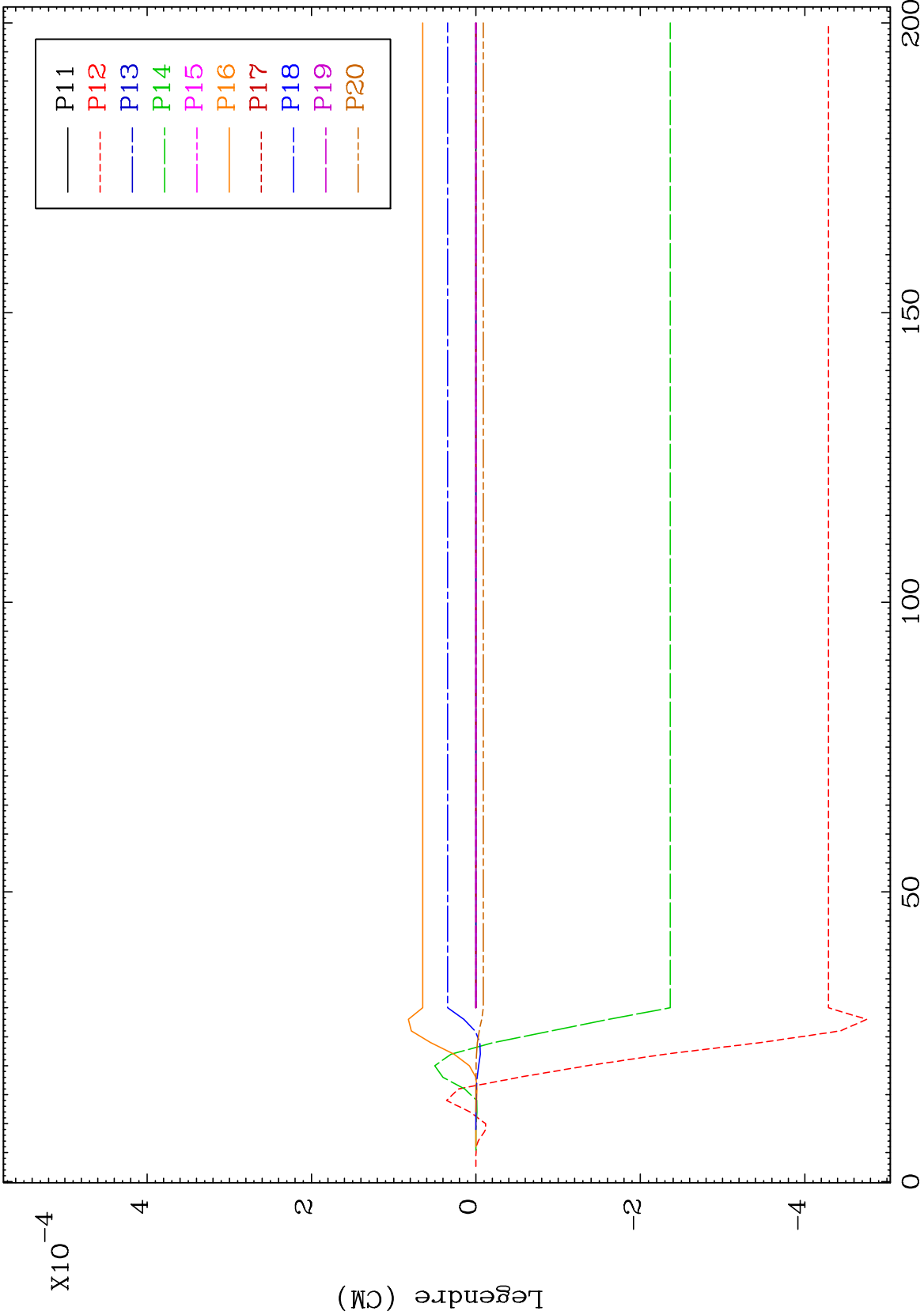
Incident Energy (MeV)

33

MAT 7834

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

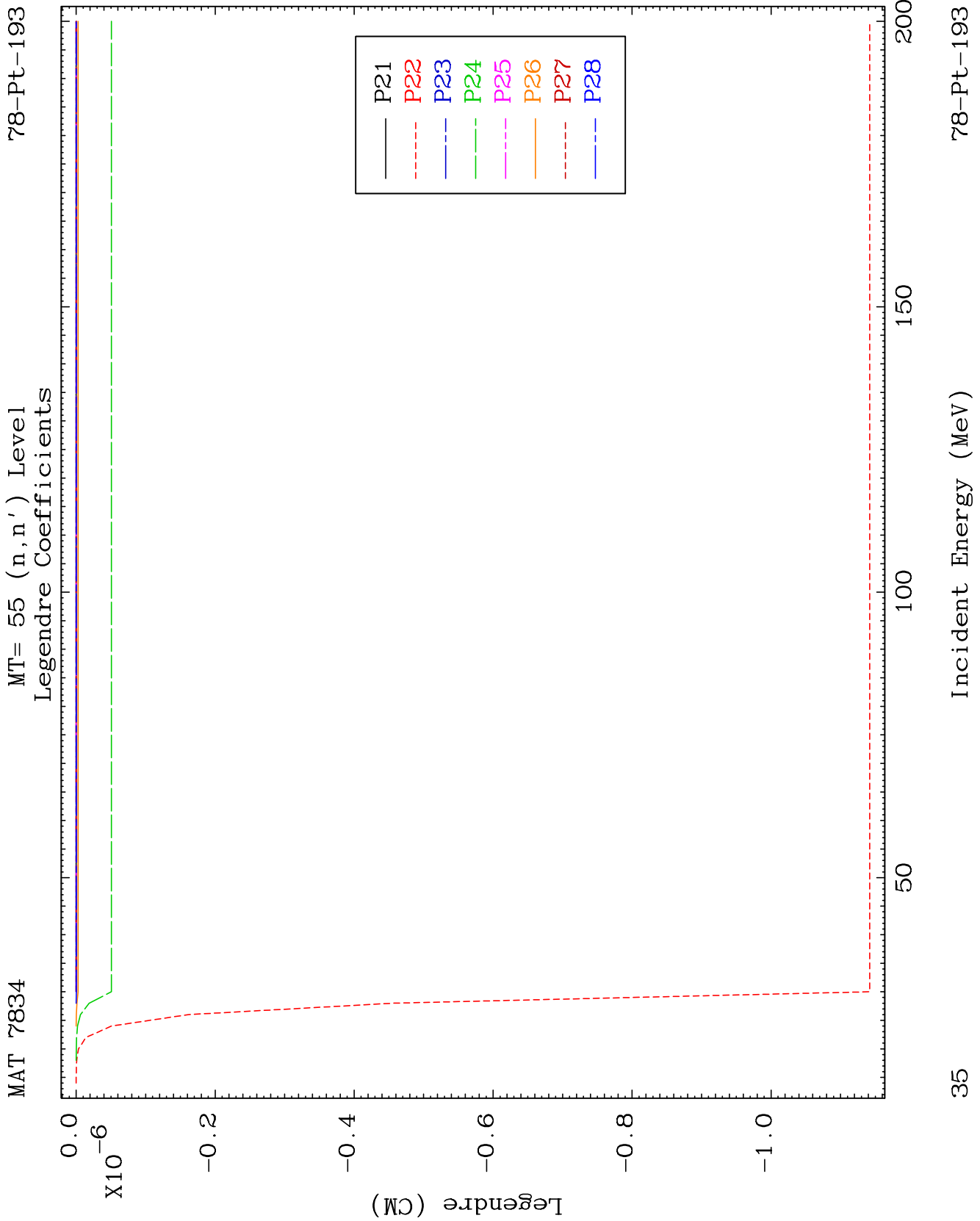
78-Pt-193



34

Incident Energy (MeV)

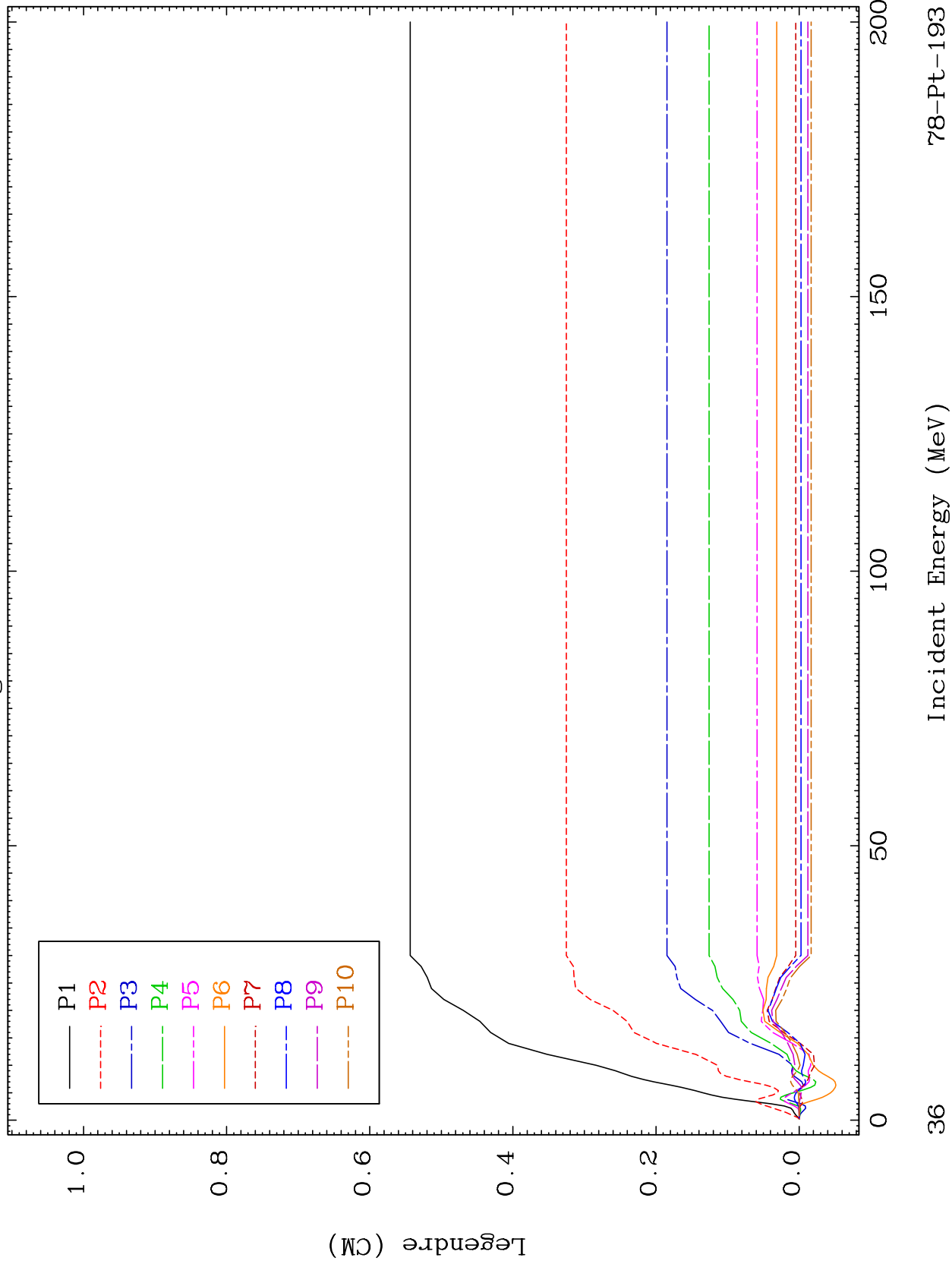
78-Pt-193



MAT 7834

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

78-Pt-193



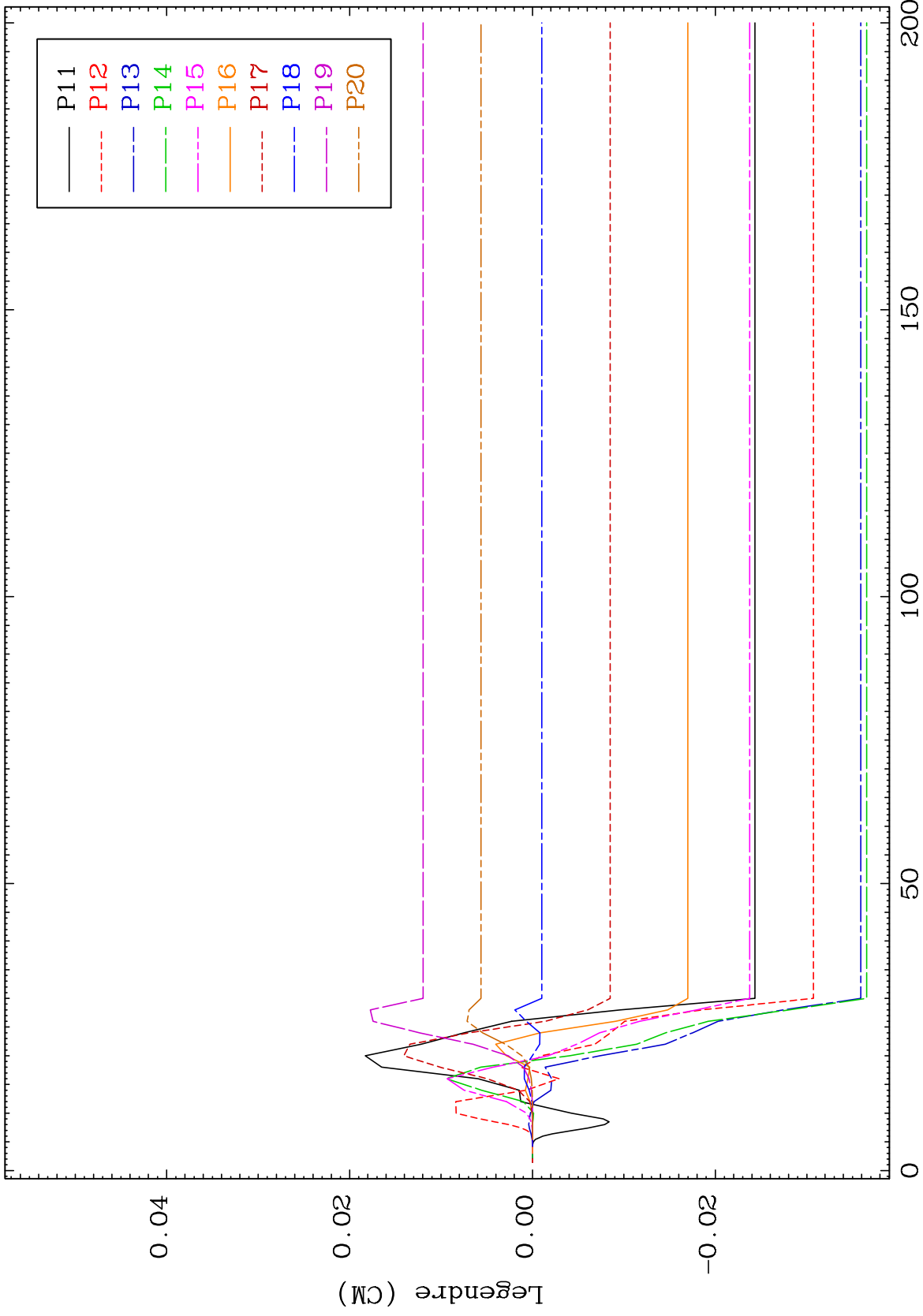
36

78-Pt-193

MAT 7834

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

78-Pt-193



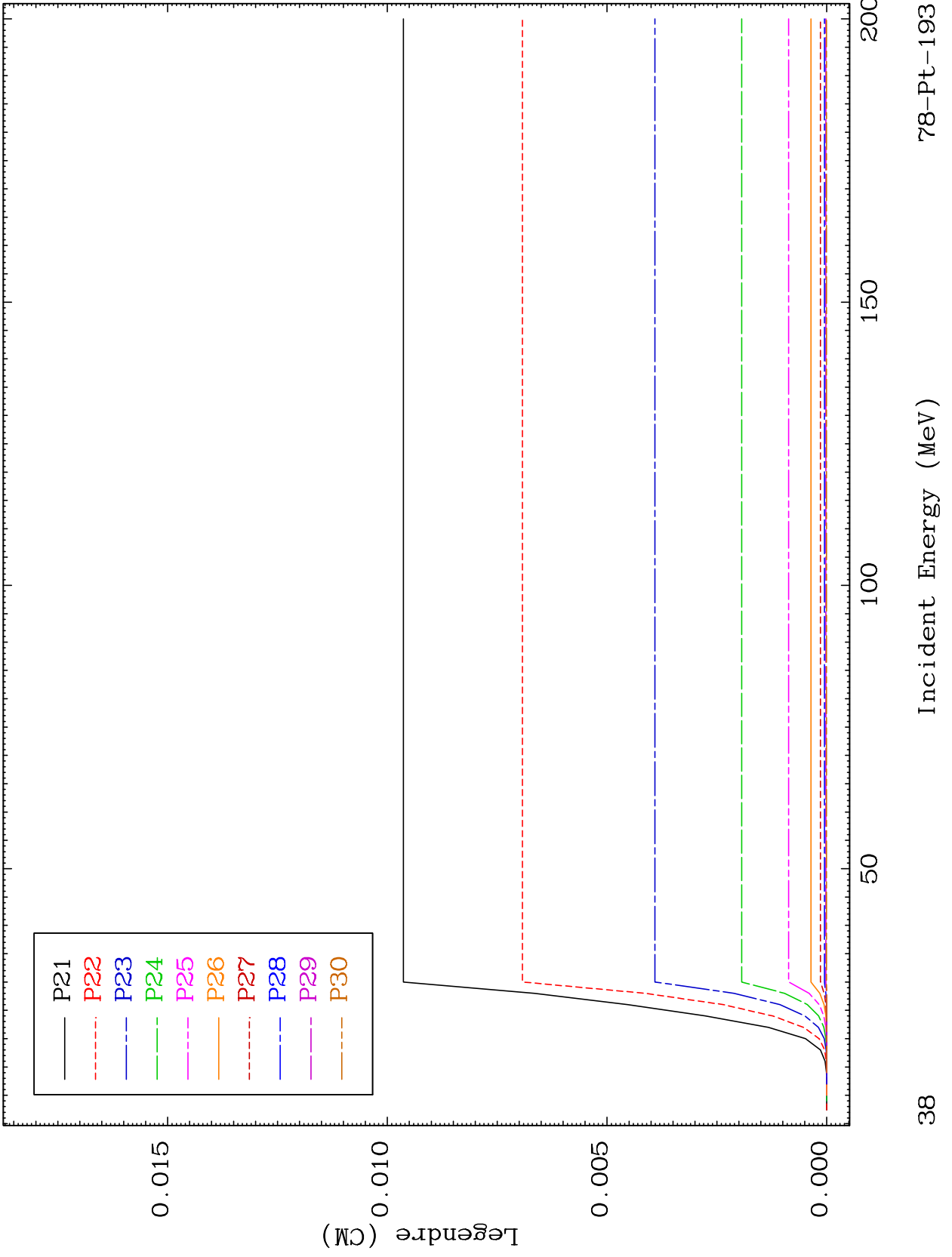
37

78-Pt-193

MAT 7834

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

78-Pt-193



38

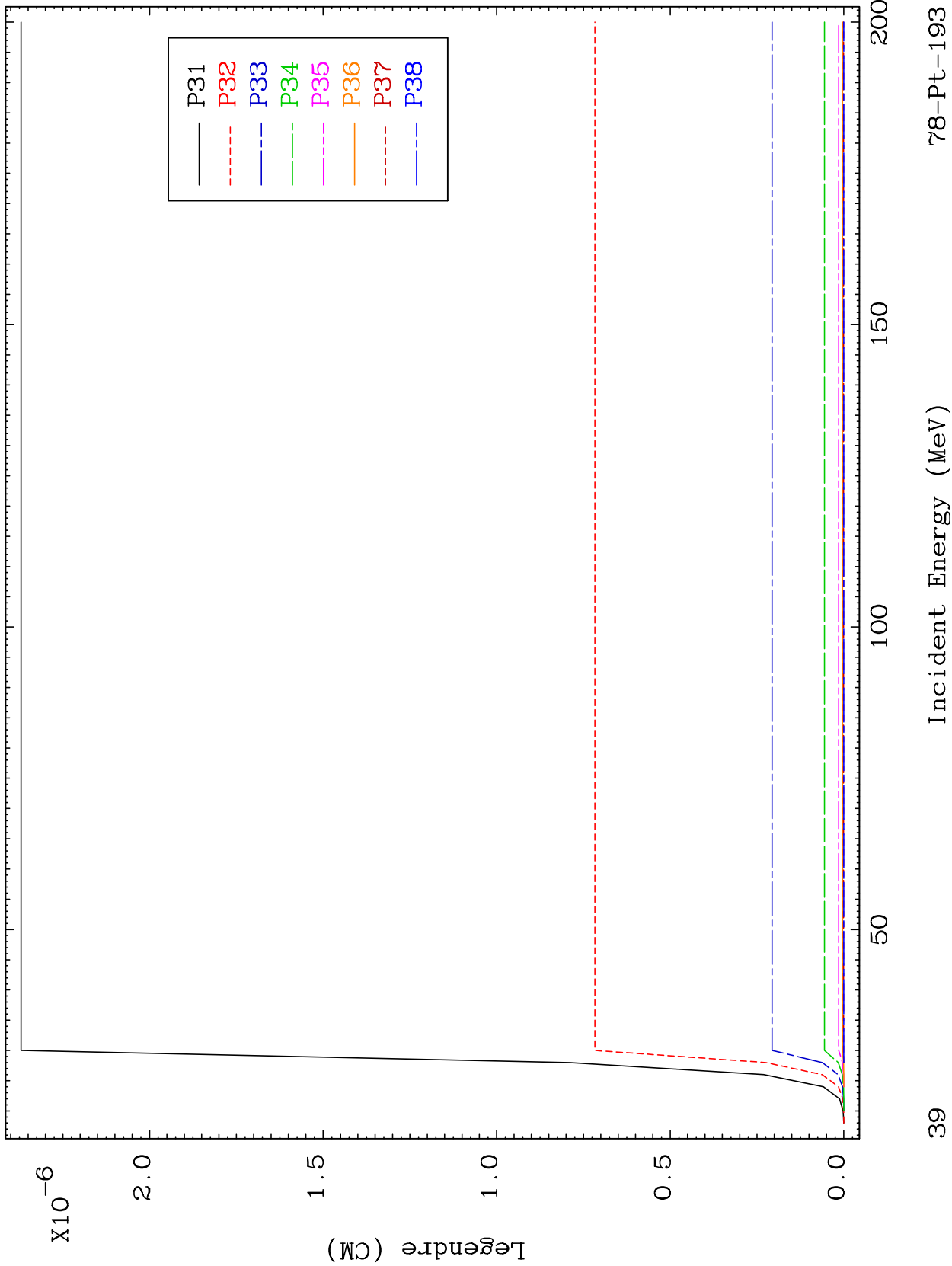
Incident Energy (MeV)

78-Pt-193

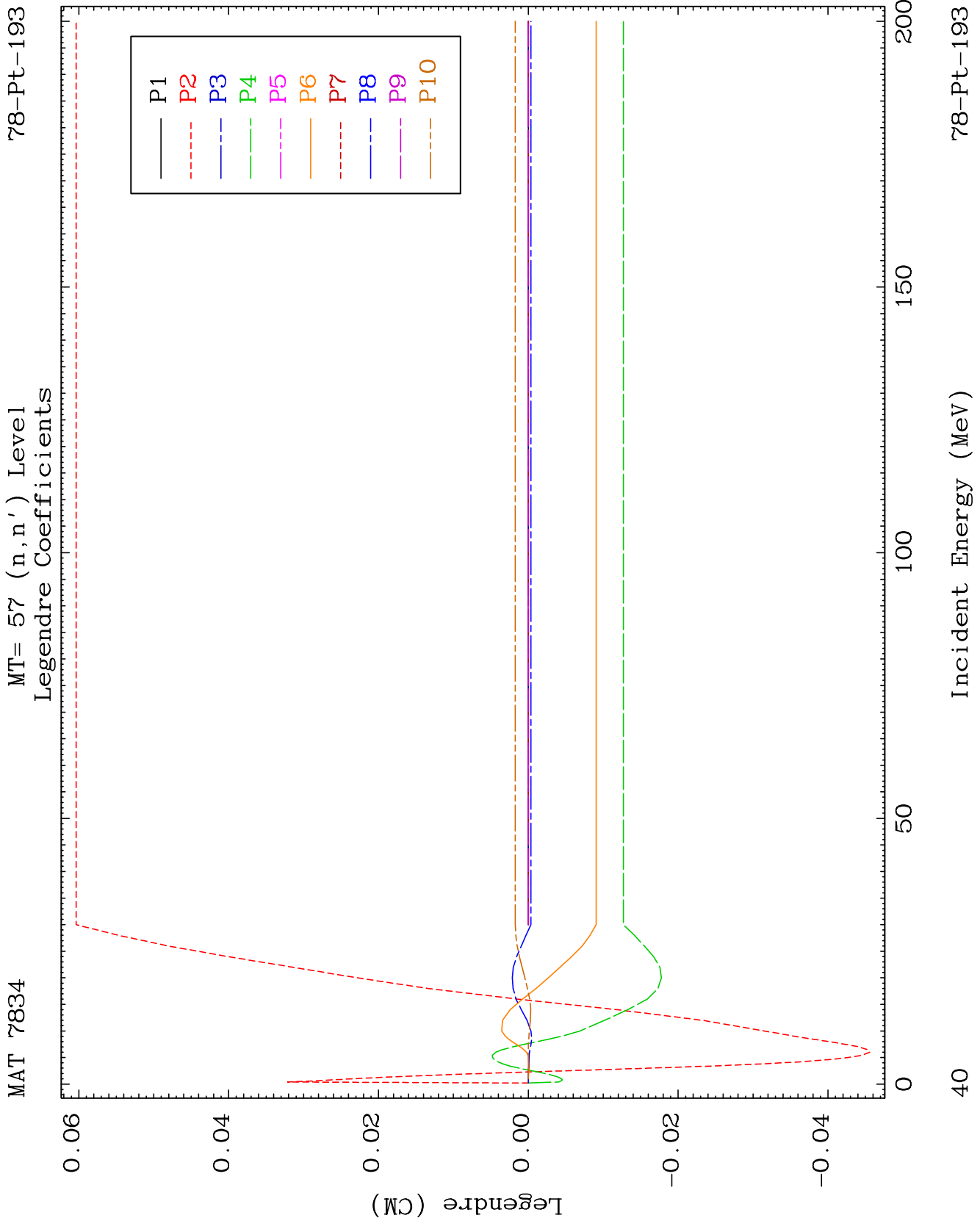
MAT 7834

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

78-Pt-193



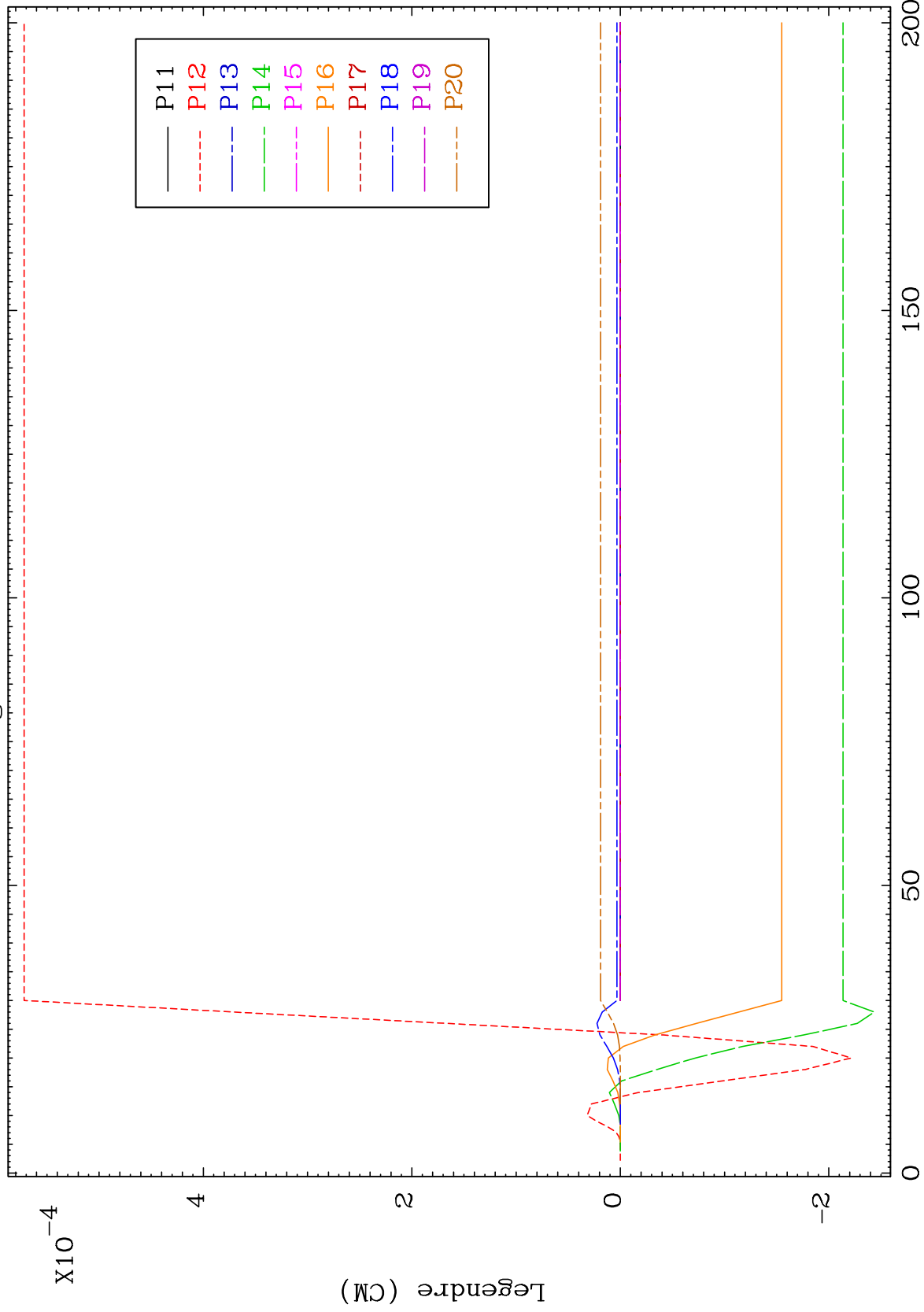




MAT 7834

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

78-Pt-193



41

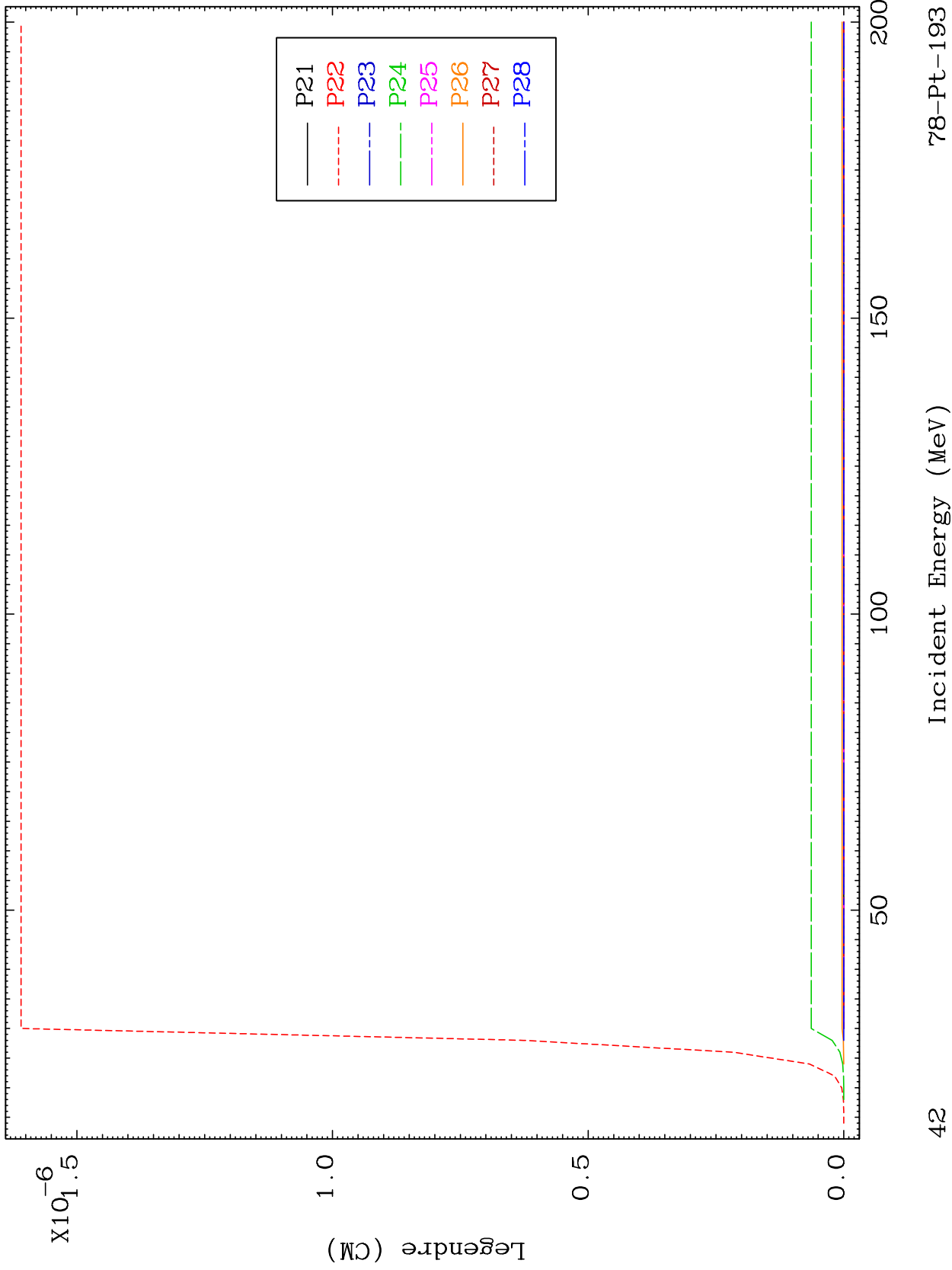
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



42

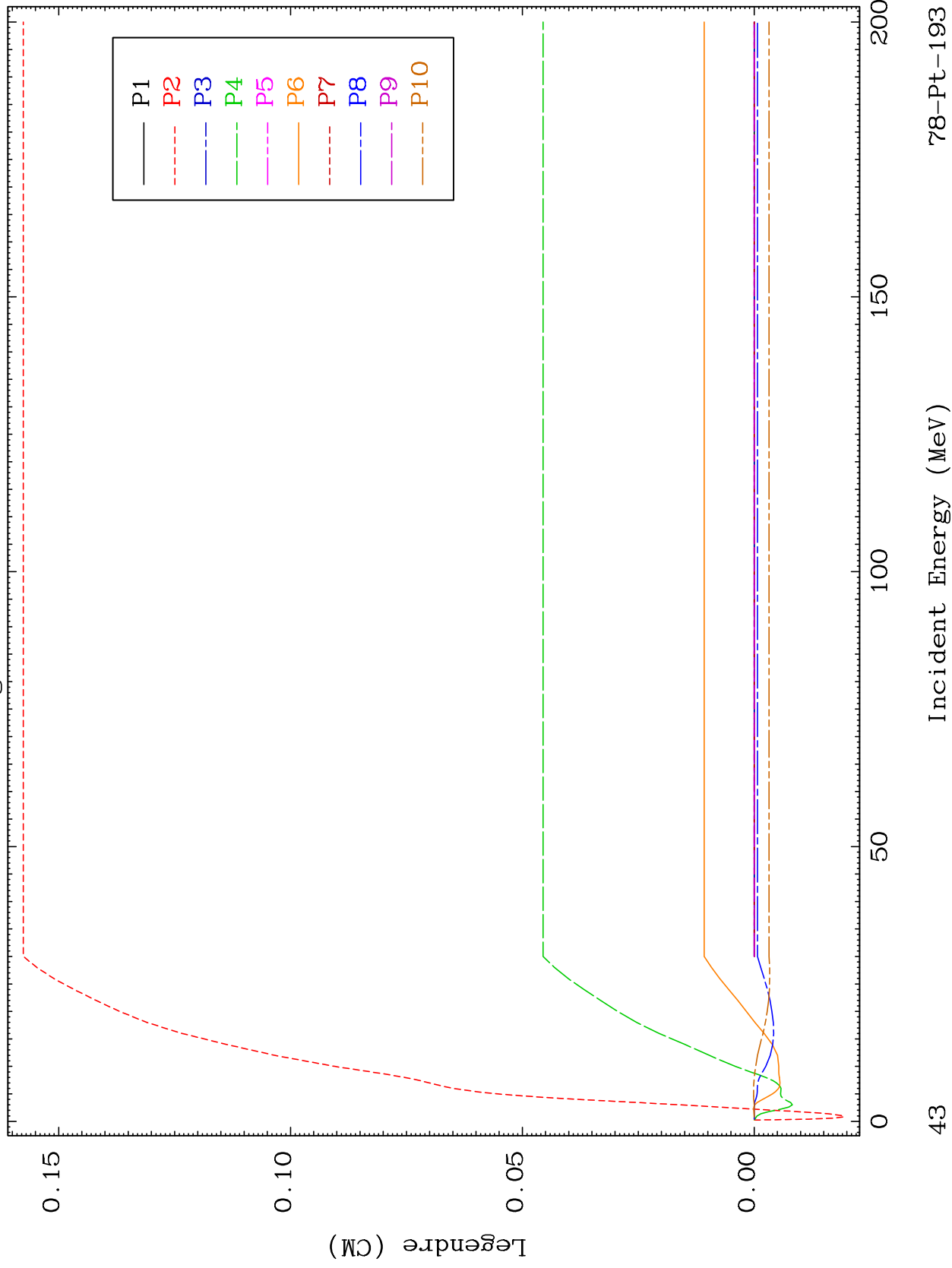
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

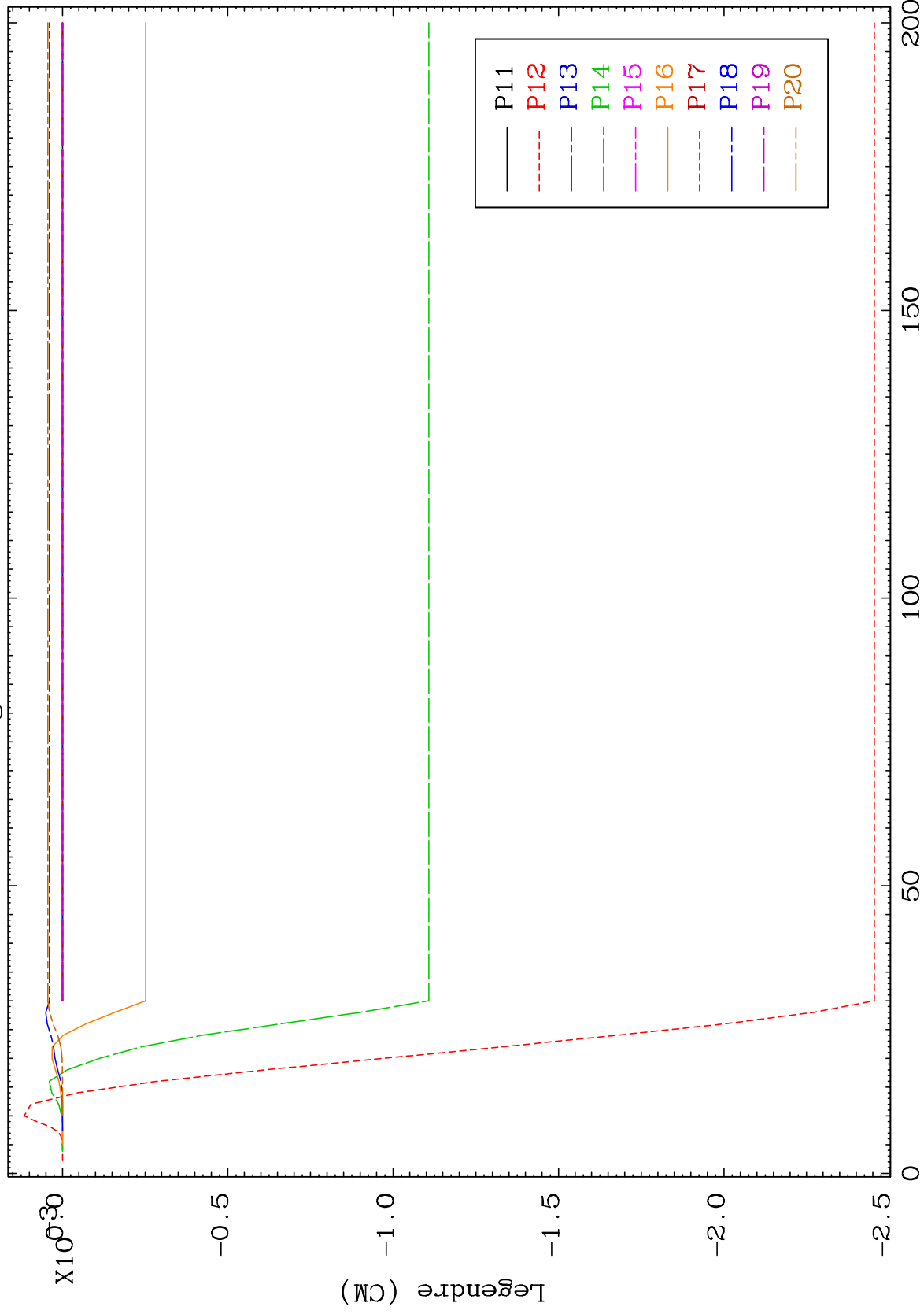
Incident Energy (MeV)

43

MAT 7834

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

78-Pt-193



44

Incident Energy (MeV)

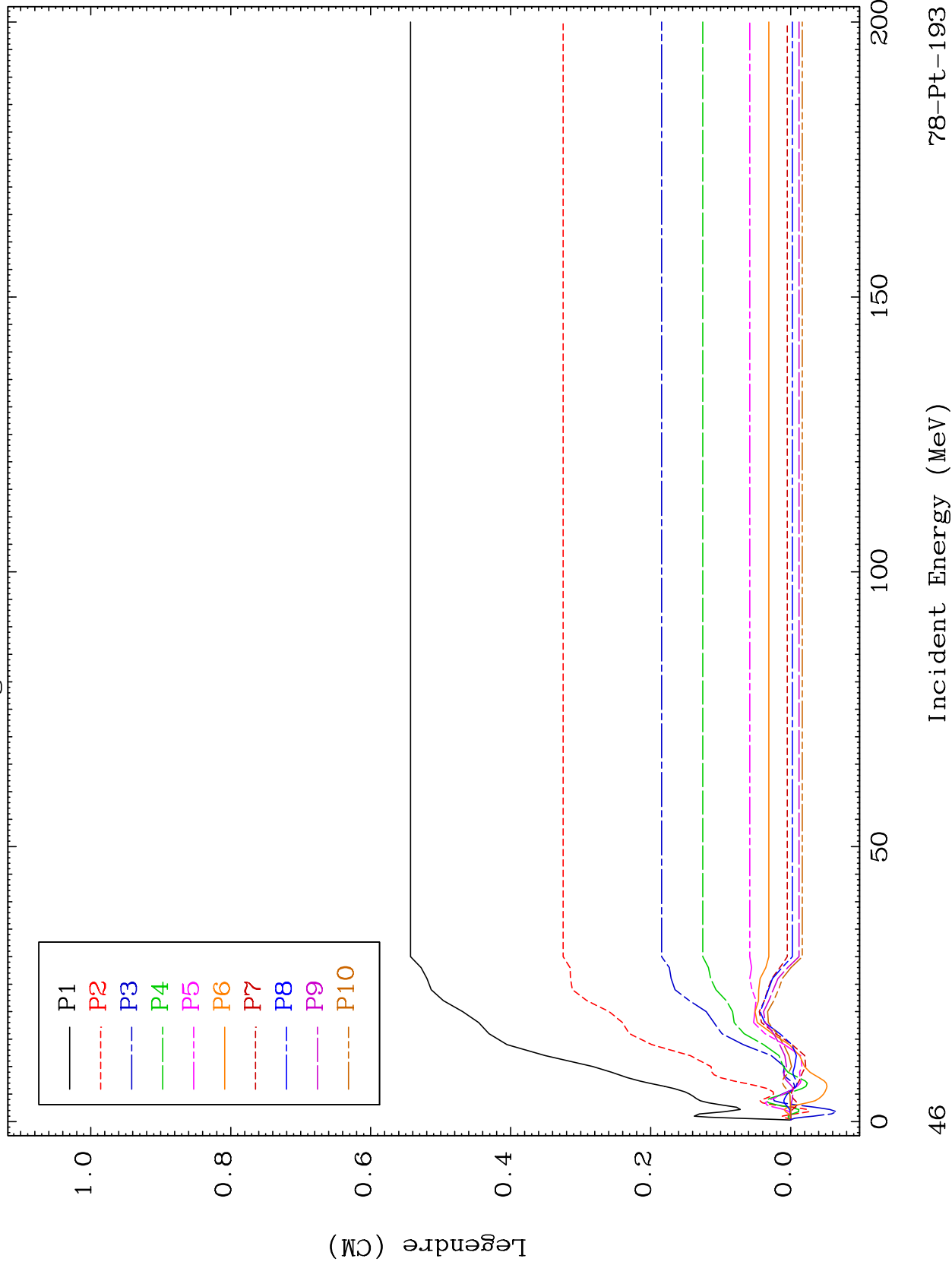
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

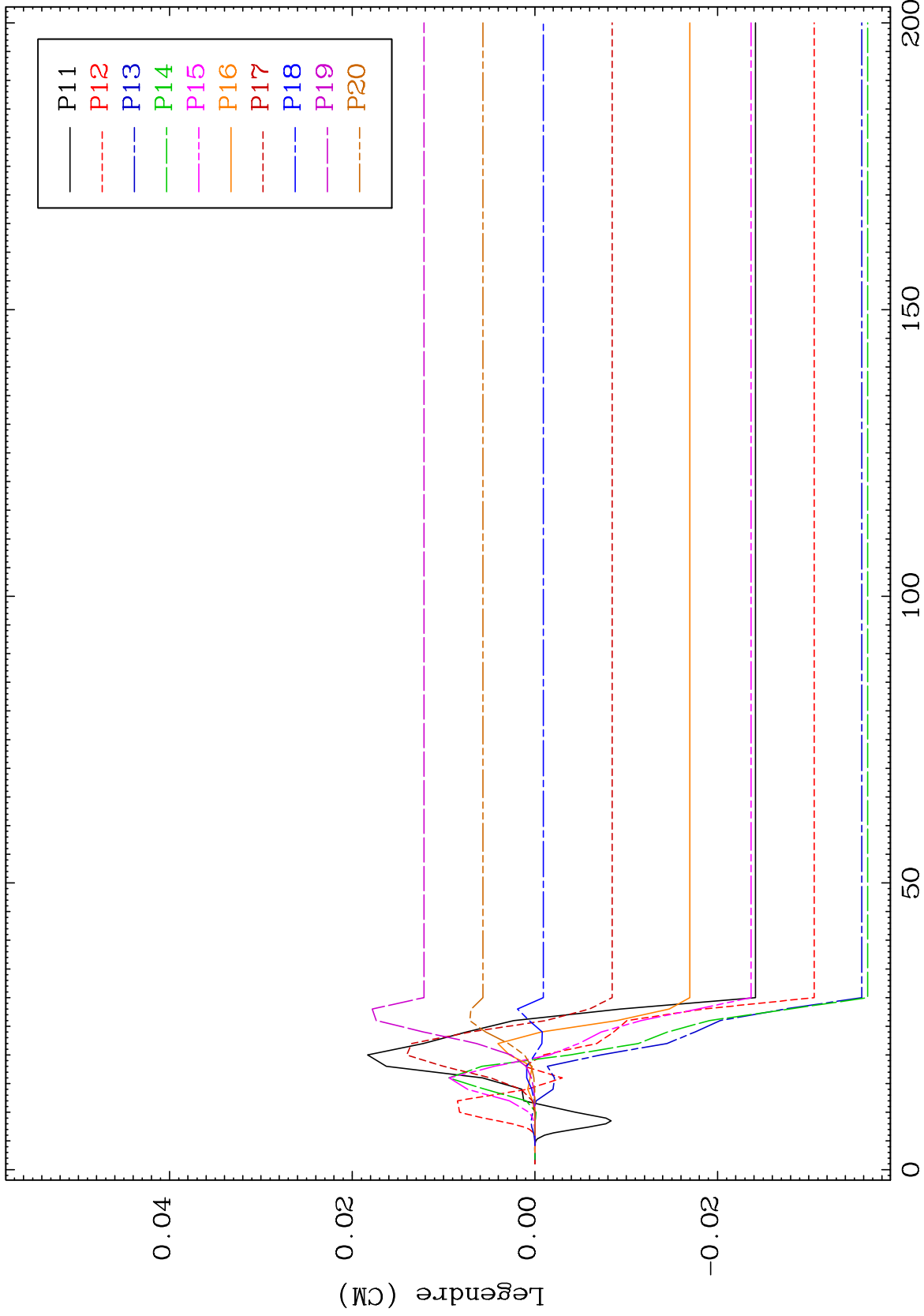
Incident Energy (MeV)

46

MAT 7834

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

78-Pt-193



47

Incident Energy (MeV)

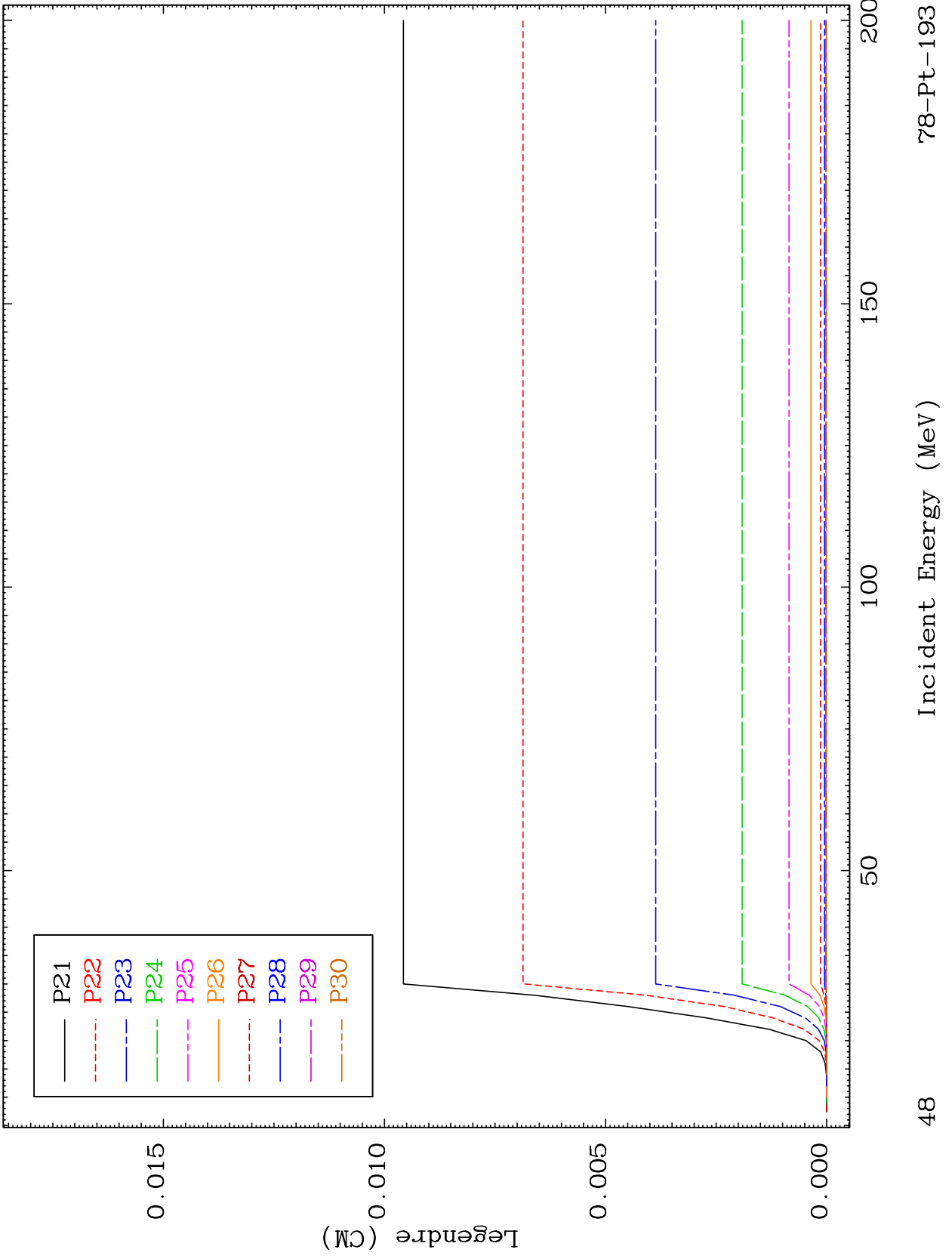
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

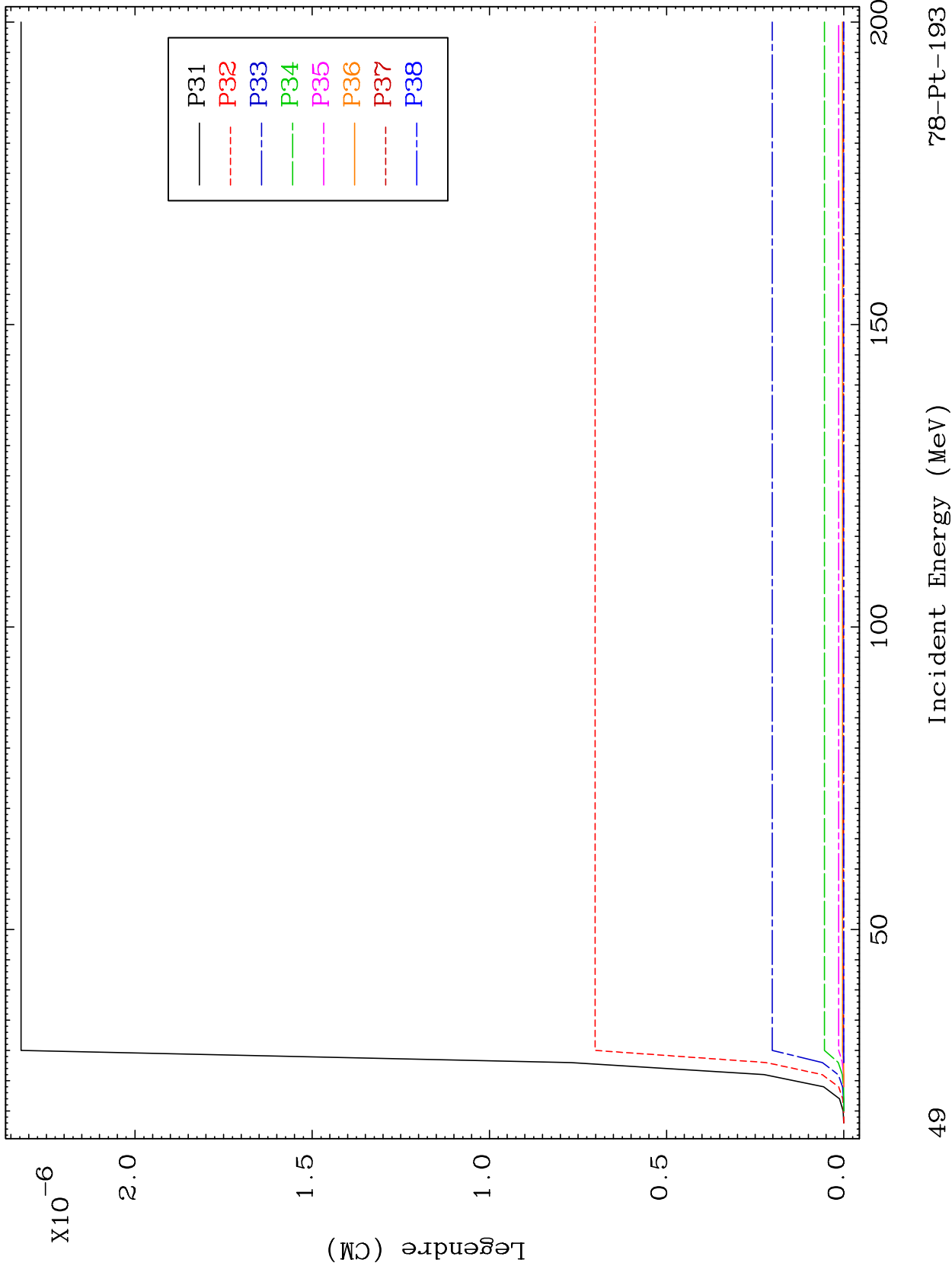
Incident Energy (MeV)

48

MAT 7834

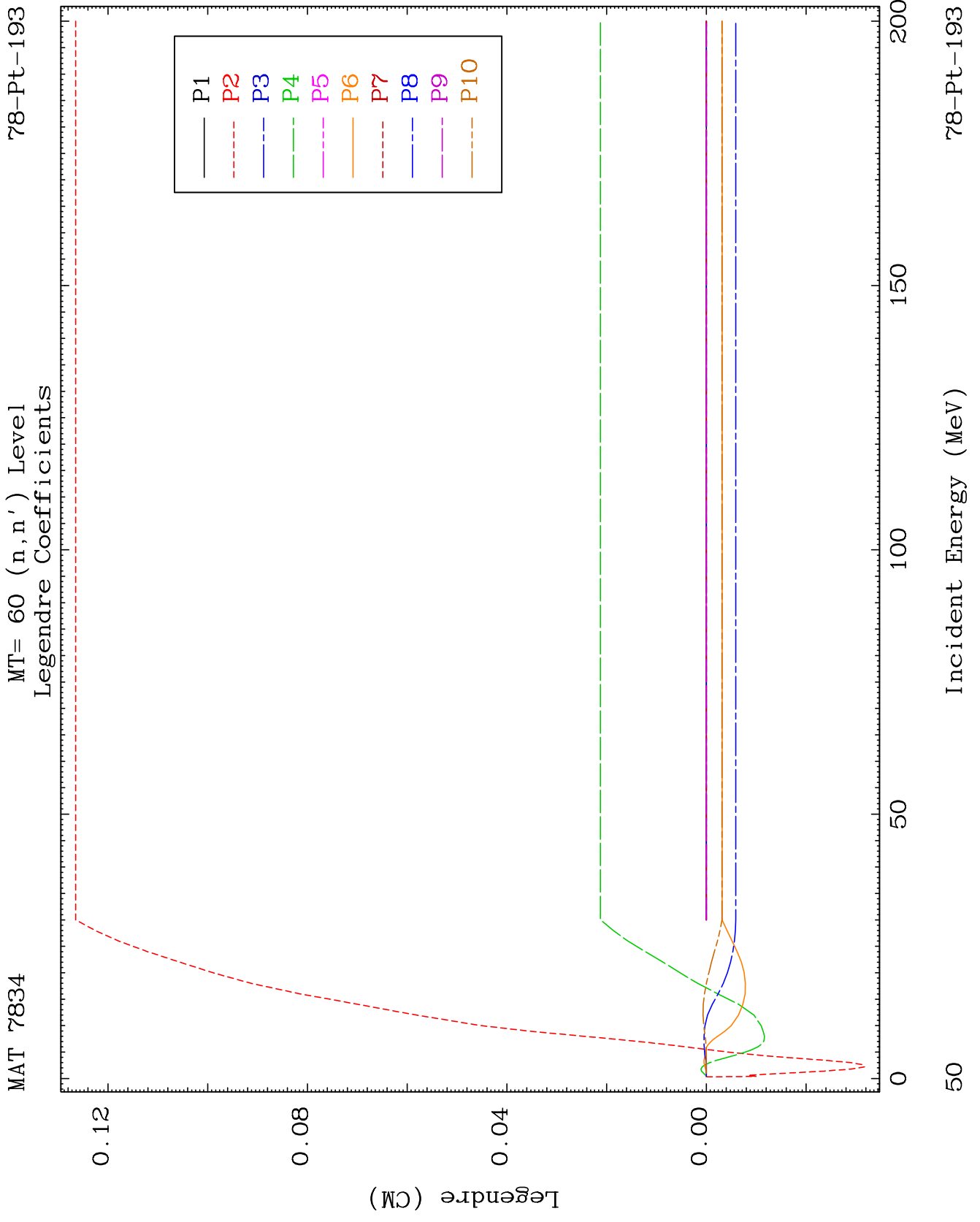
MT= 59 (n,n') Level  
Legendre Coefficients

78-Pt-193



49

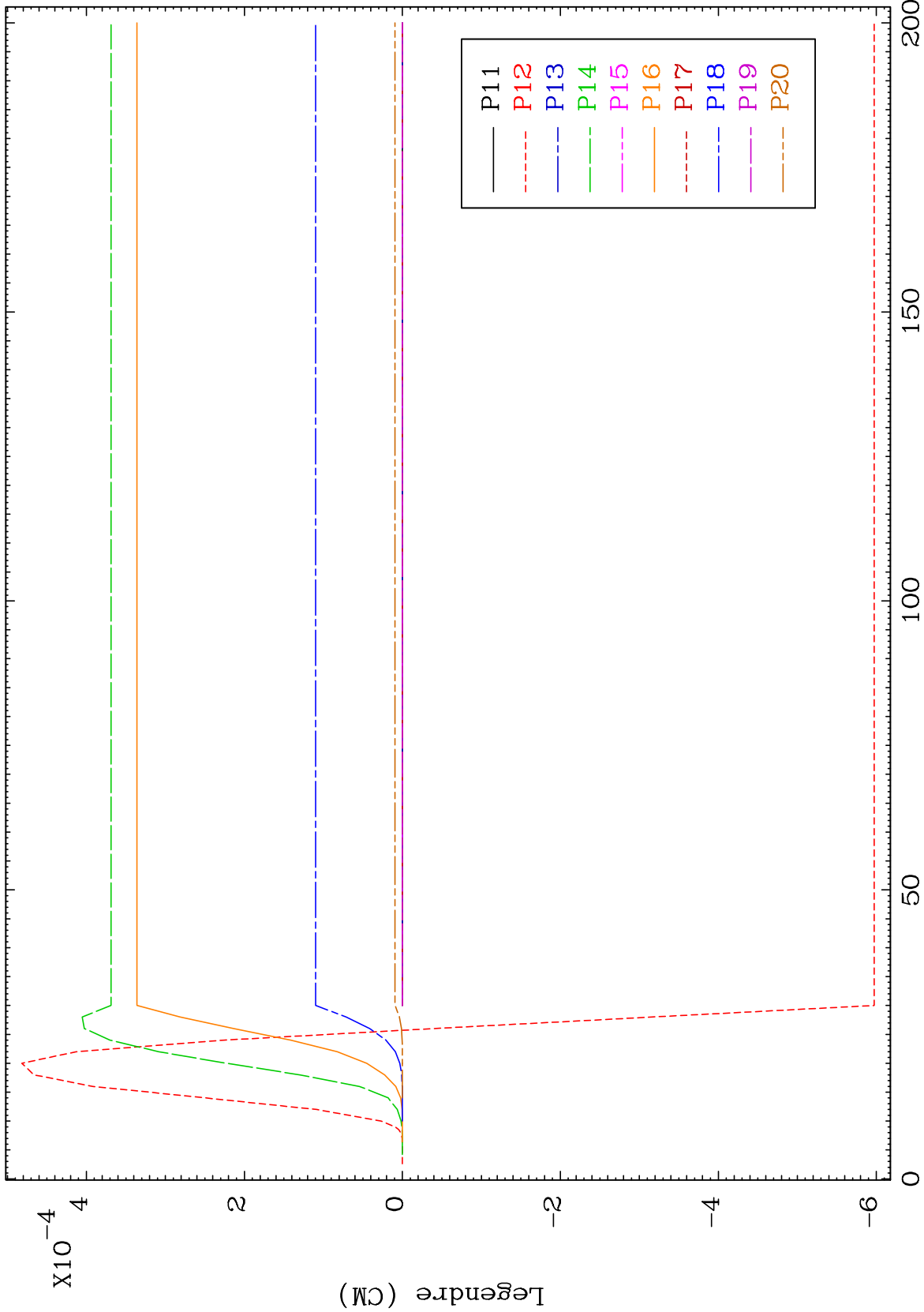
78-Pt-193



MAT 7834

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

78-Pt-193



51

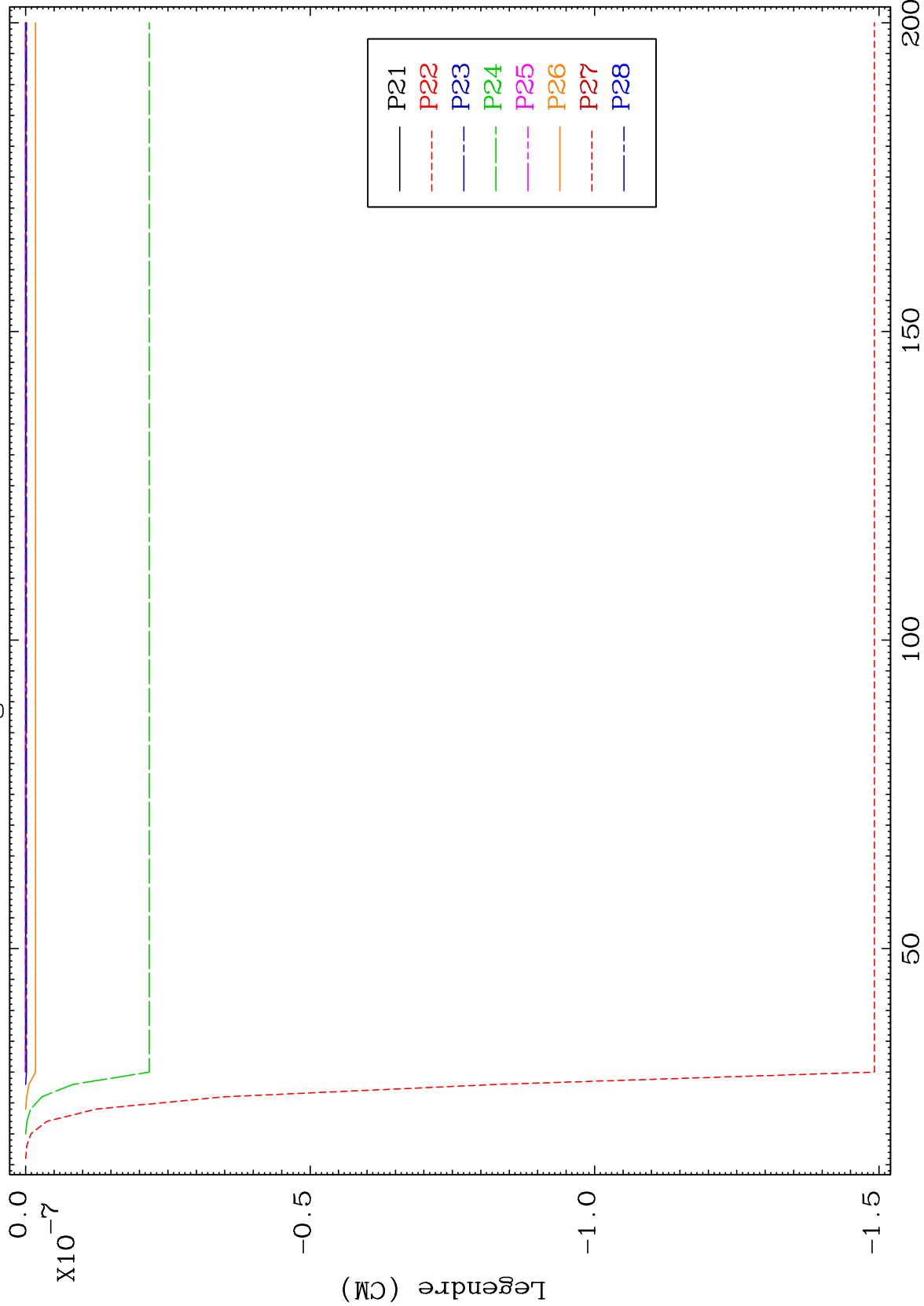
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

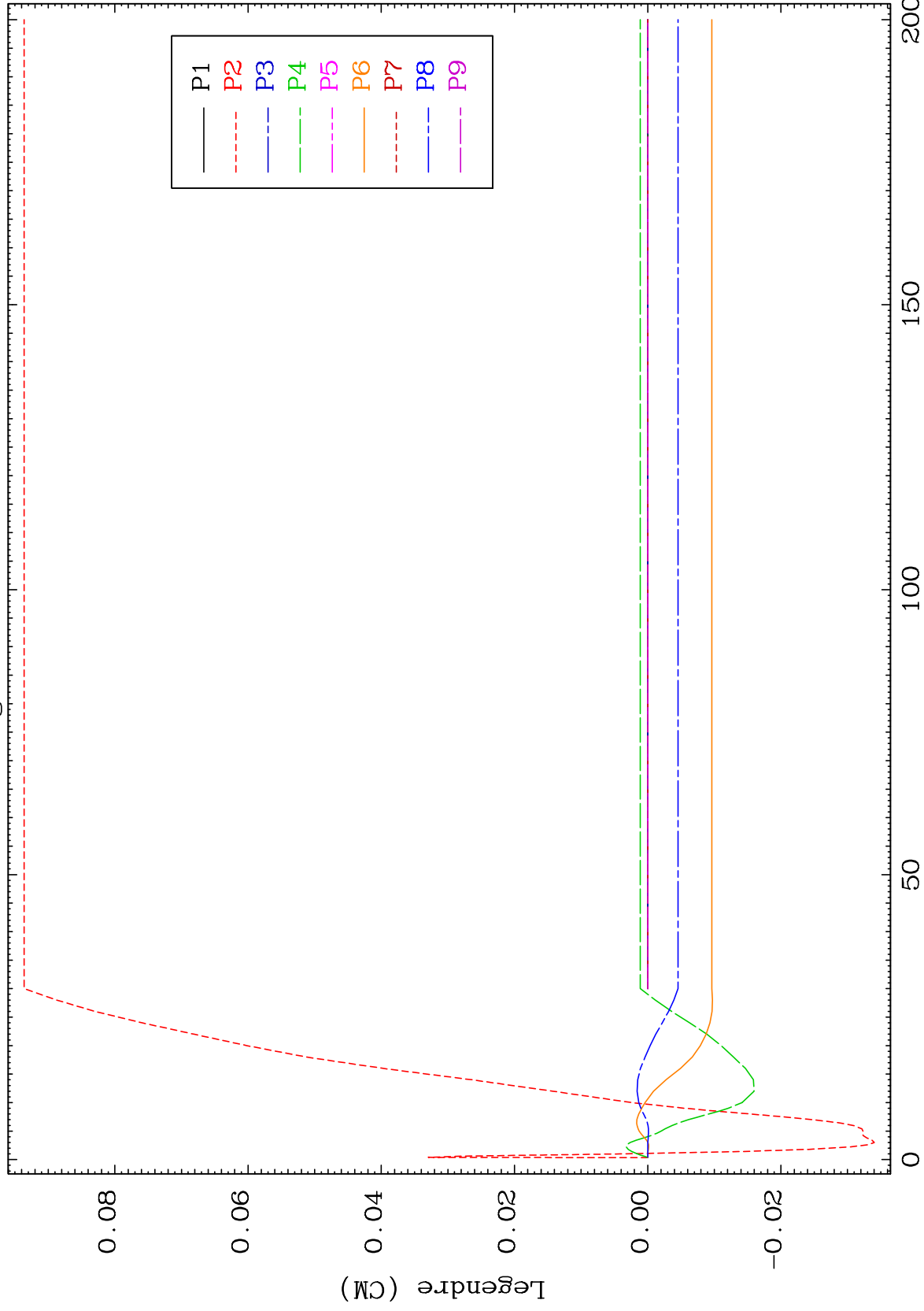
Incident Energy (MeV)

52

MAT 7834

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

78-Pt-193



78-Pt-193

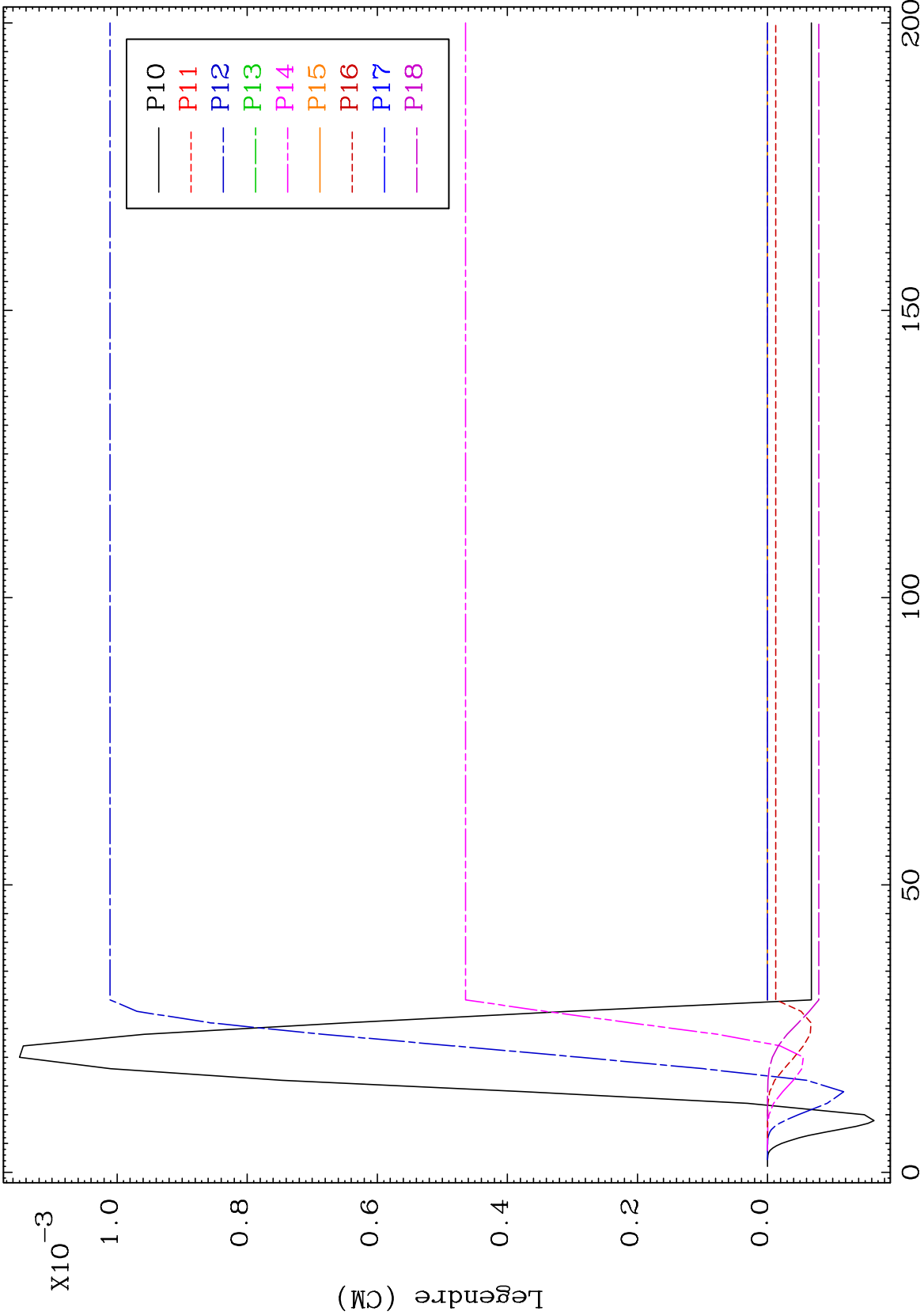
Incident Energy (MeV)

53

MAT 7834

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

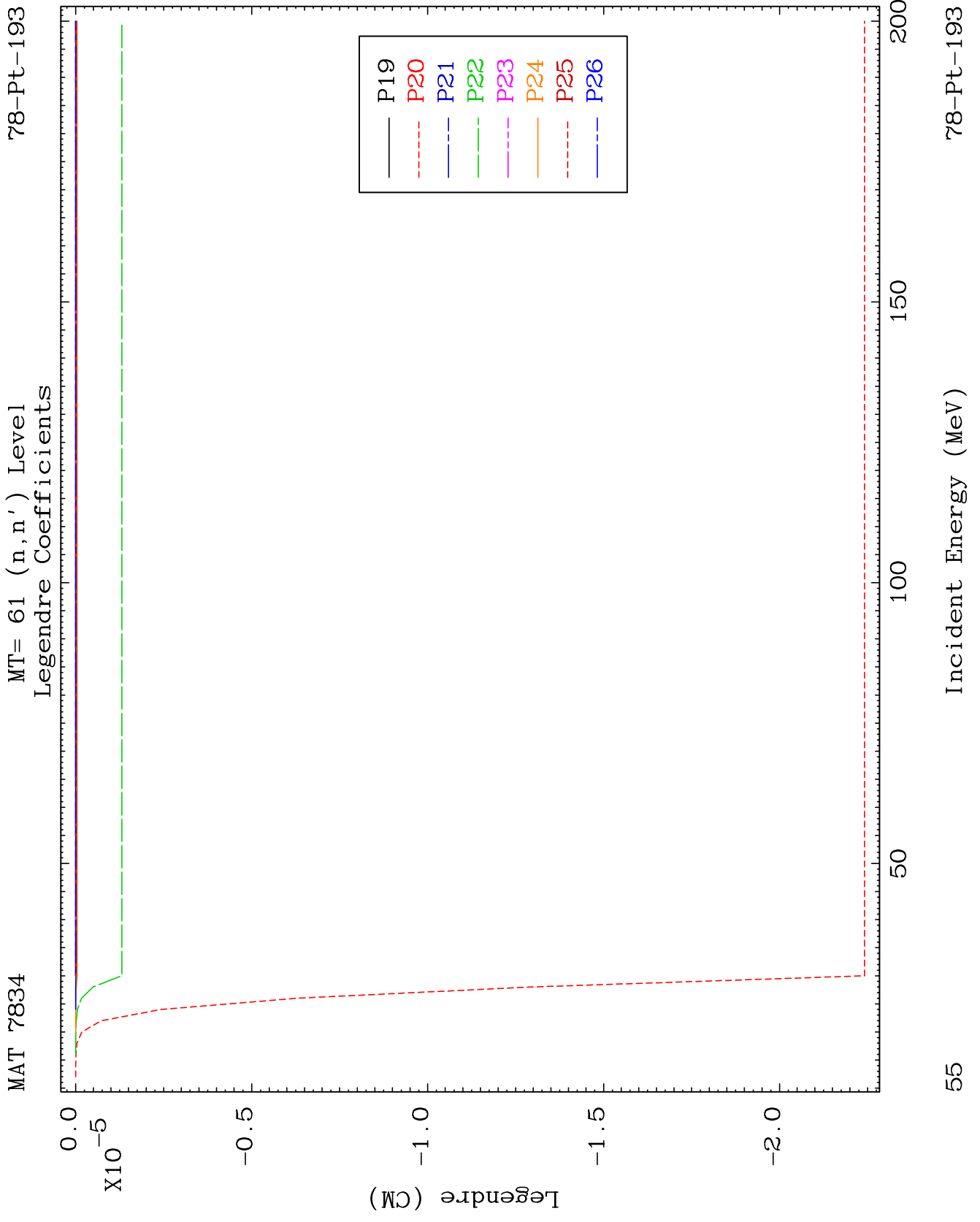
78-Pt-193



54

Incident Energy (MeV)

78-Pt-193

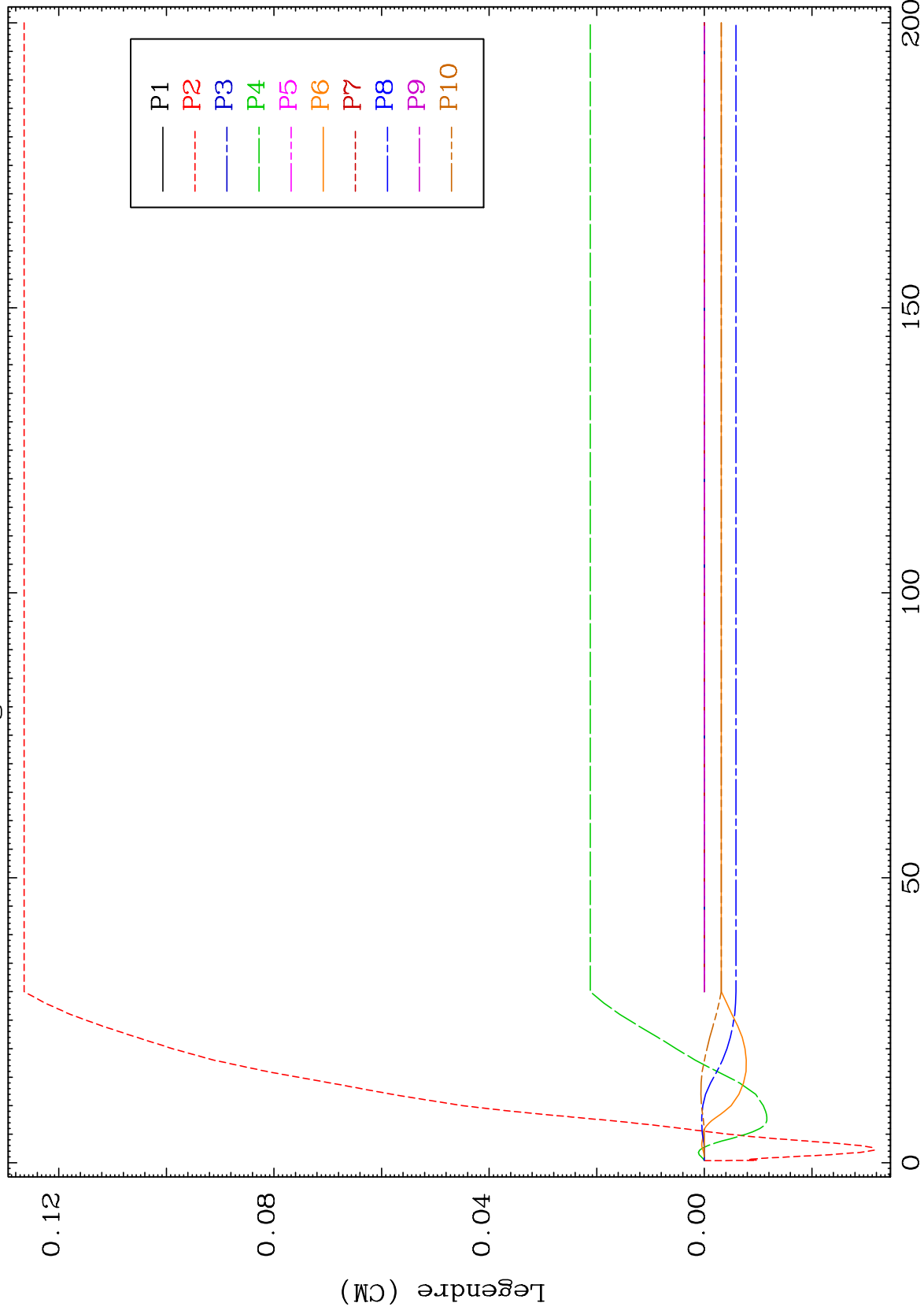




MAT 7834

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

78-Pt-193



78-Pt-193

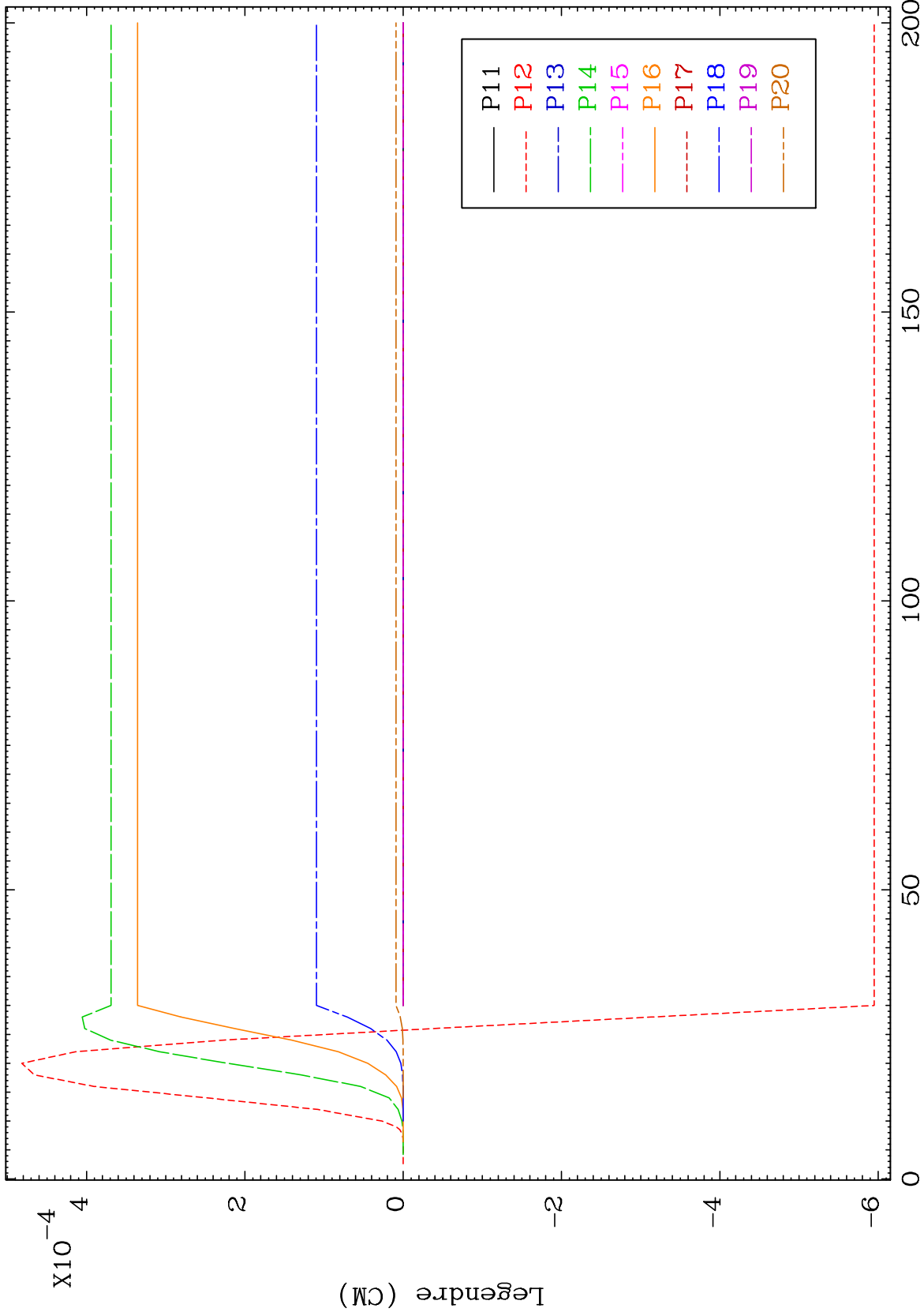
Incident Energy (MeV)

56

MAT 7834

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

78-Pt-193



57

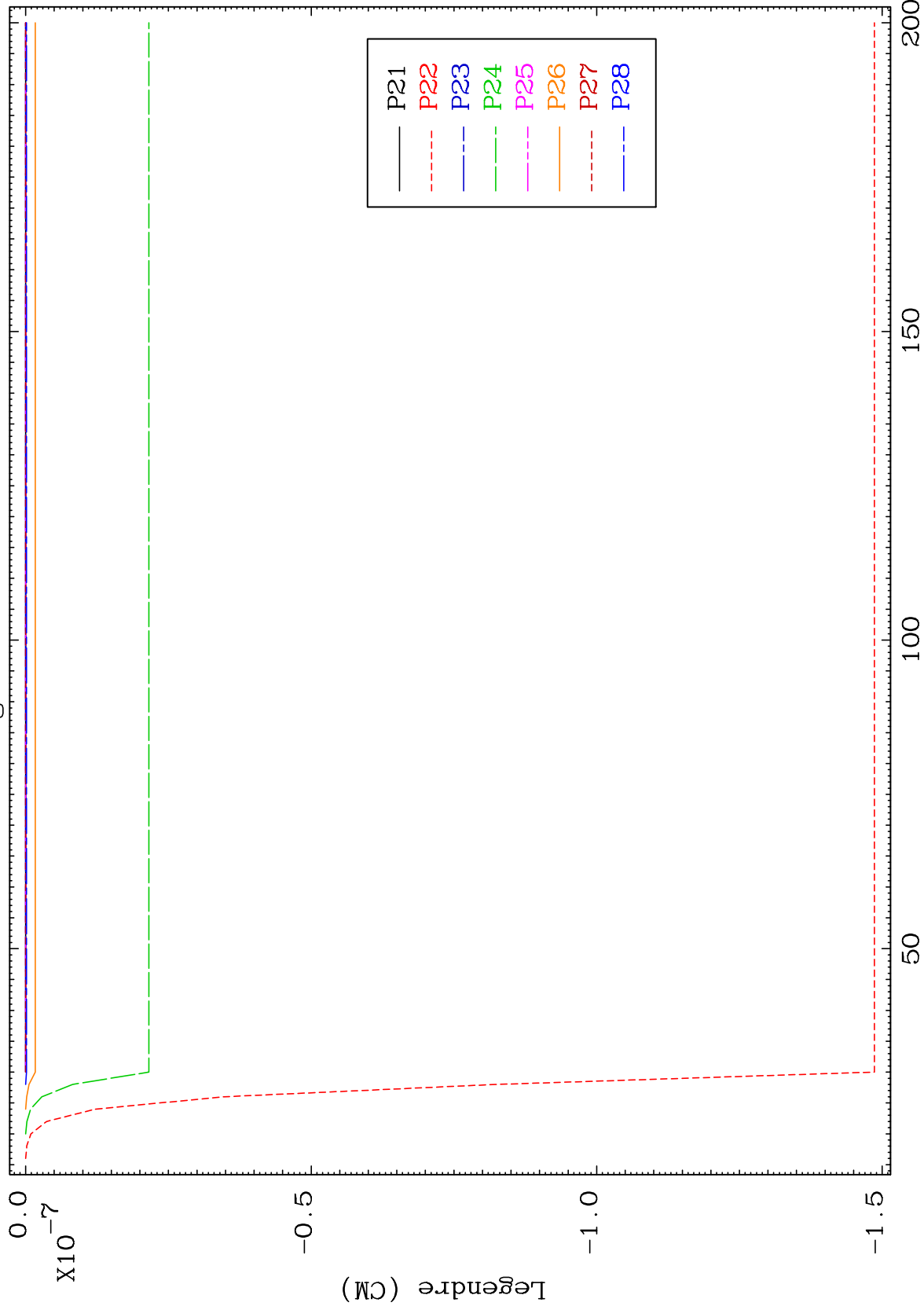
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

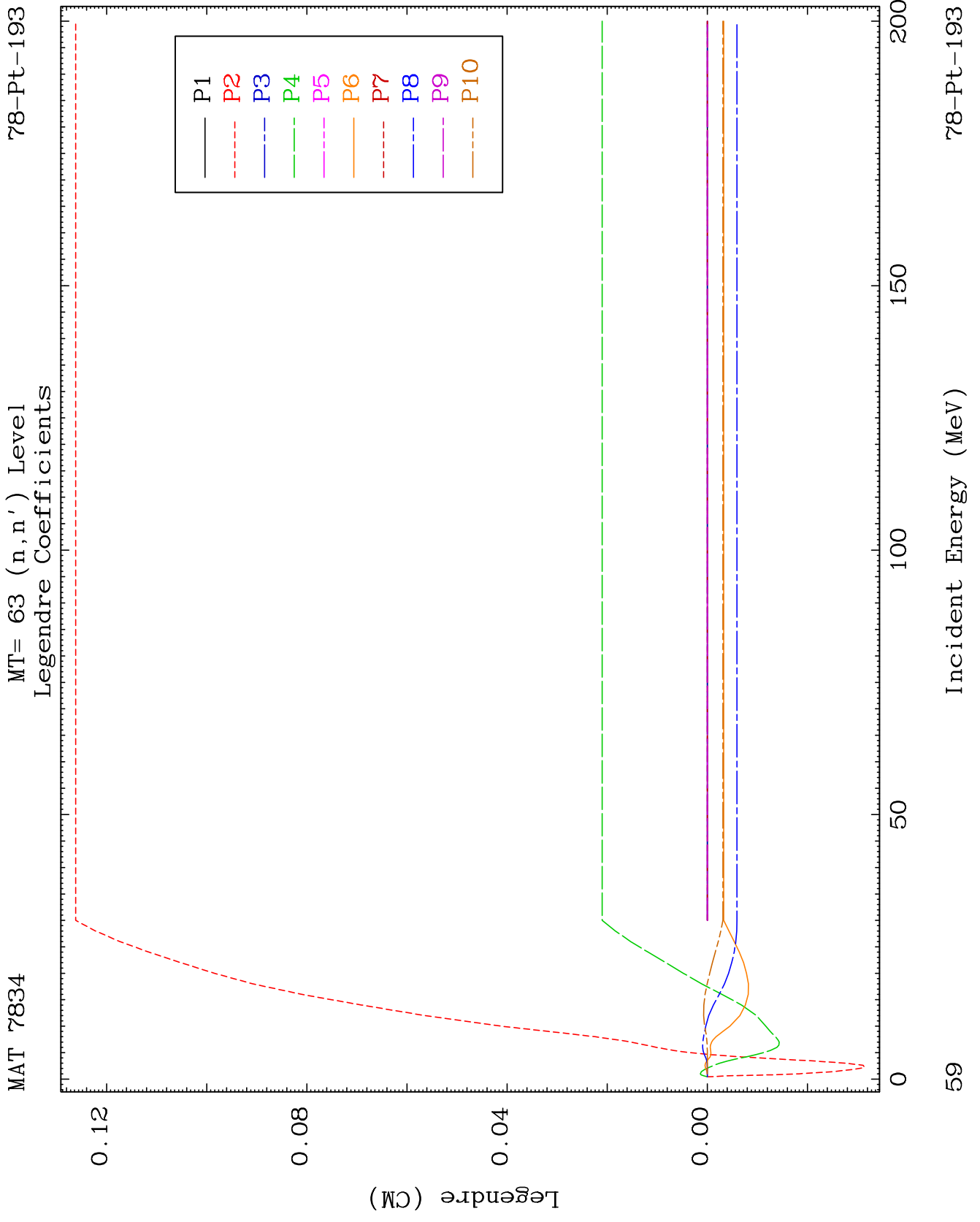
78-Pt-193



78-Pt-193

Incident Energy (MeV)

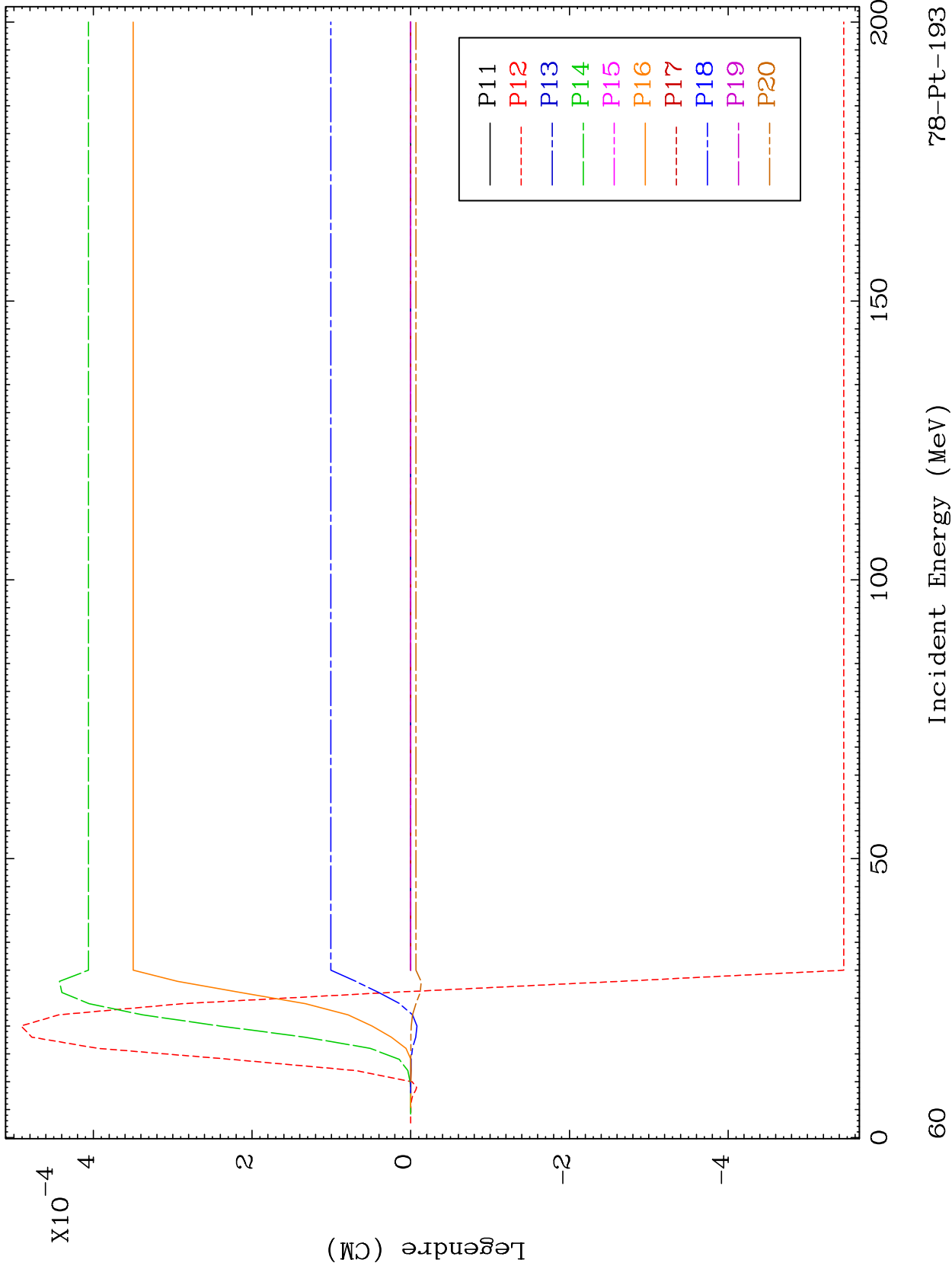
58



MAT 7834

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

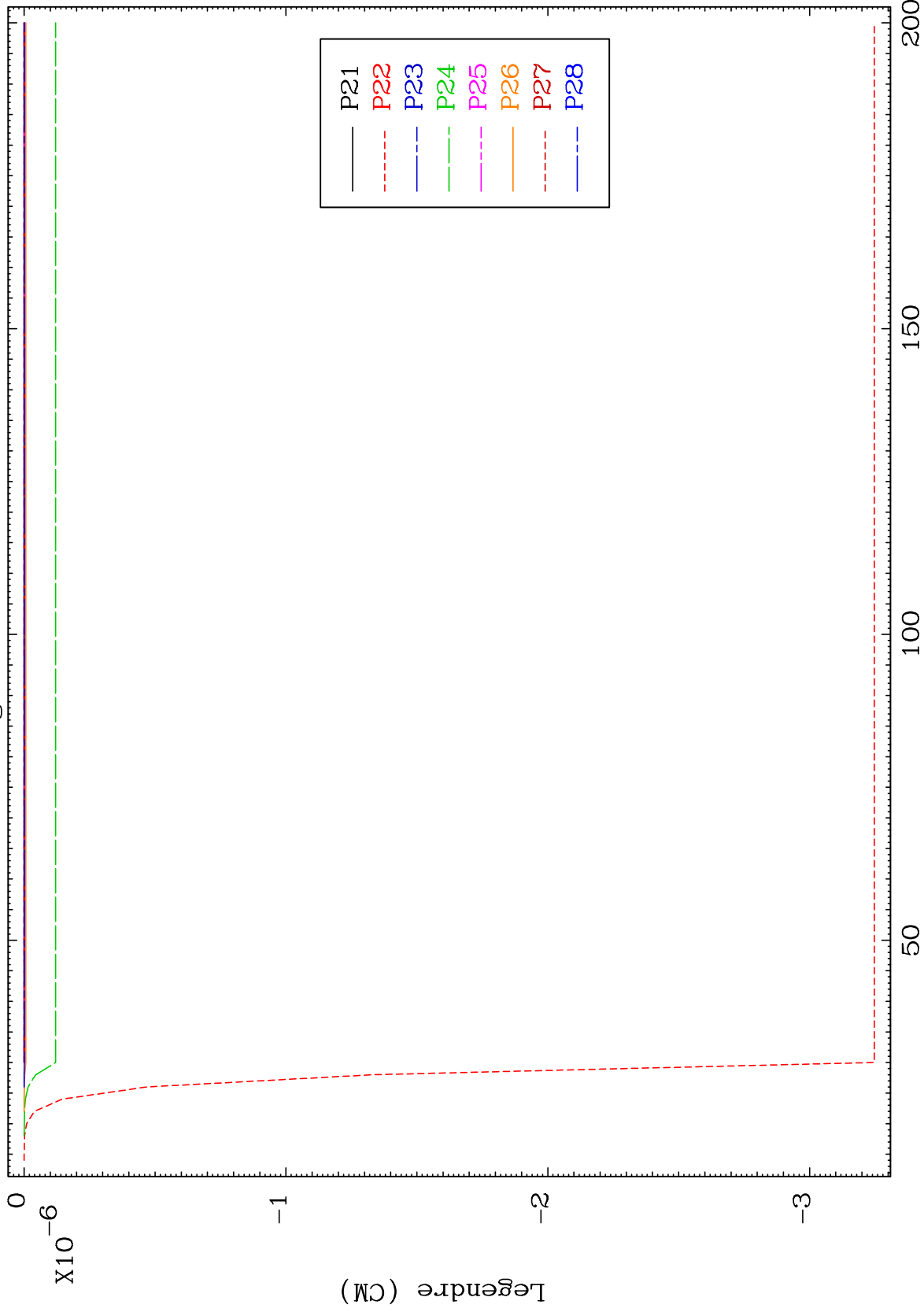
78-Pt-193



MAT 7834

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

78-Pt-193



61

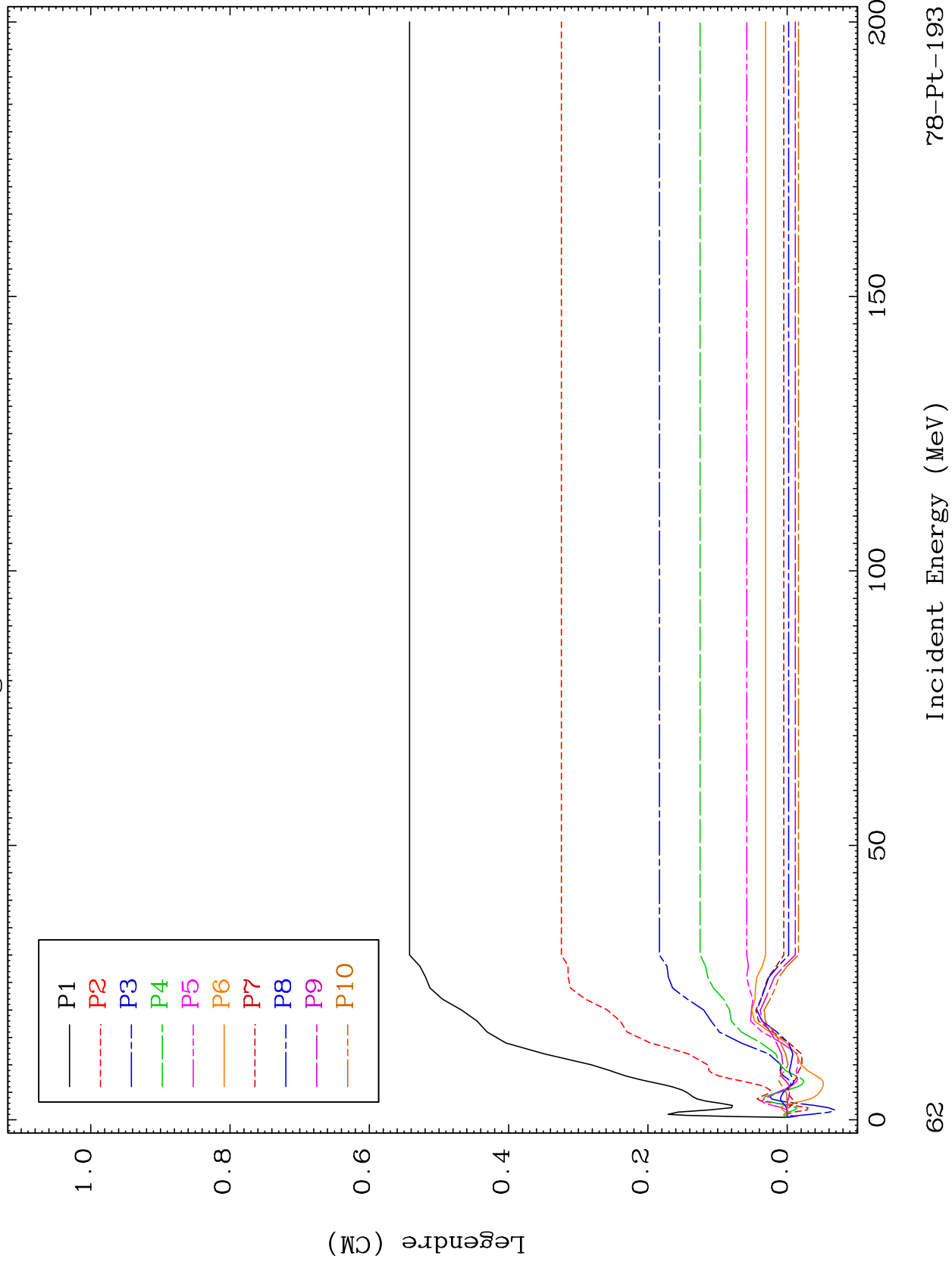
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

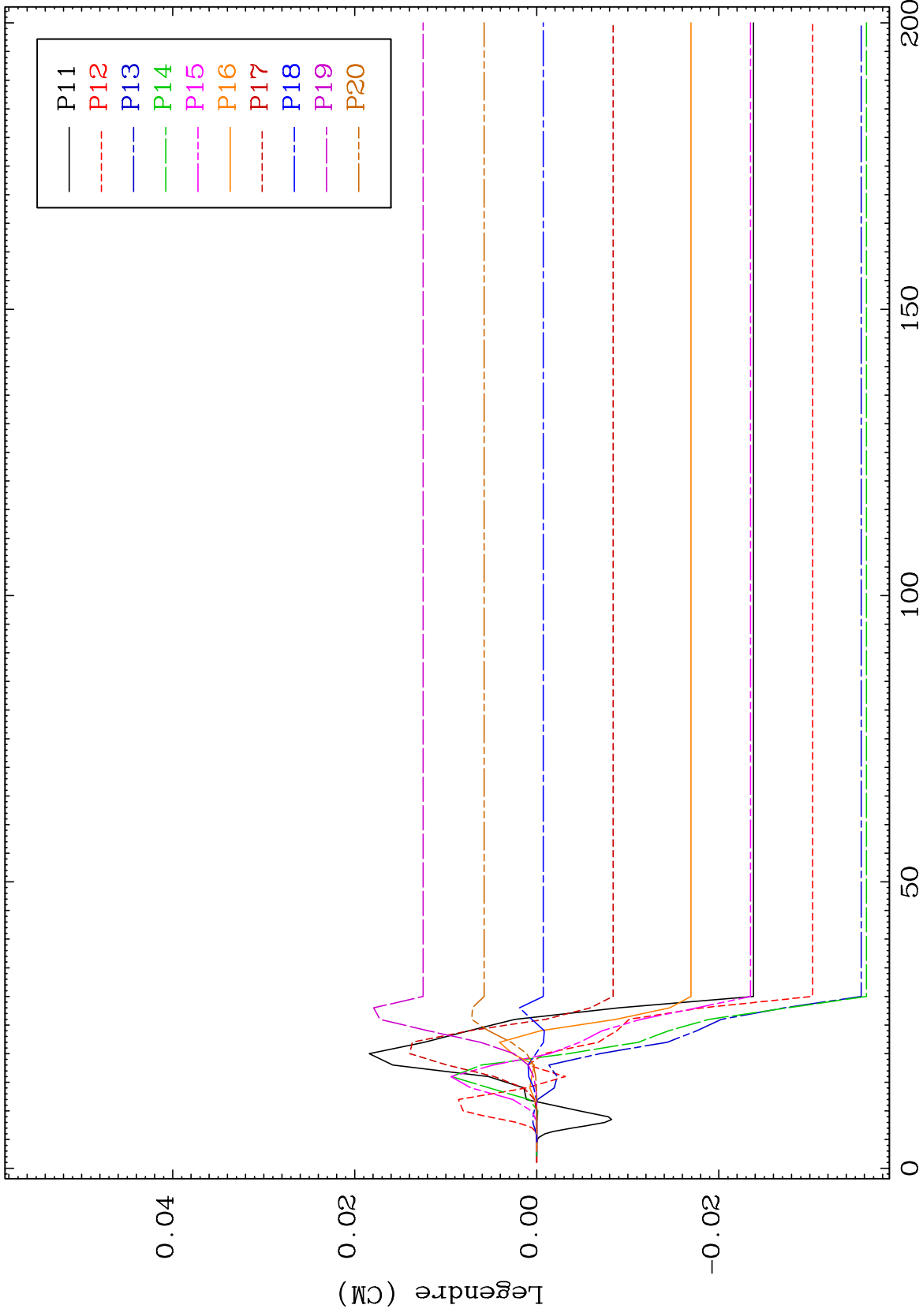
Incident Energy (MeV)

62

MAT 7834

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

78-Pt-193



63

Incident Energy (MeV)

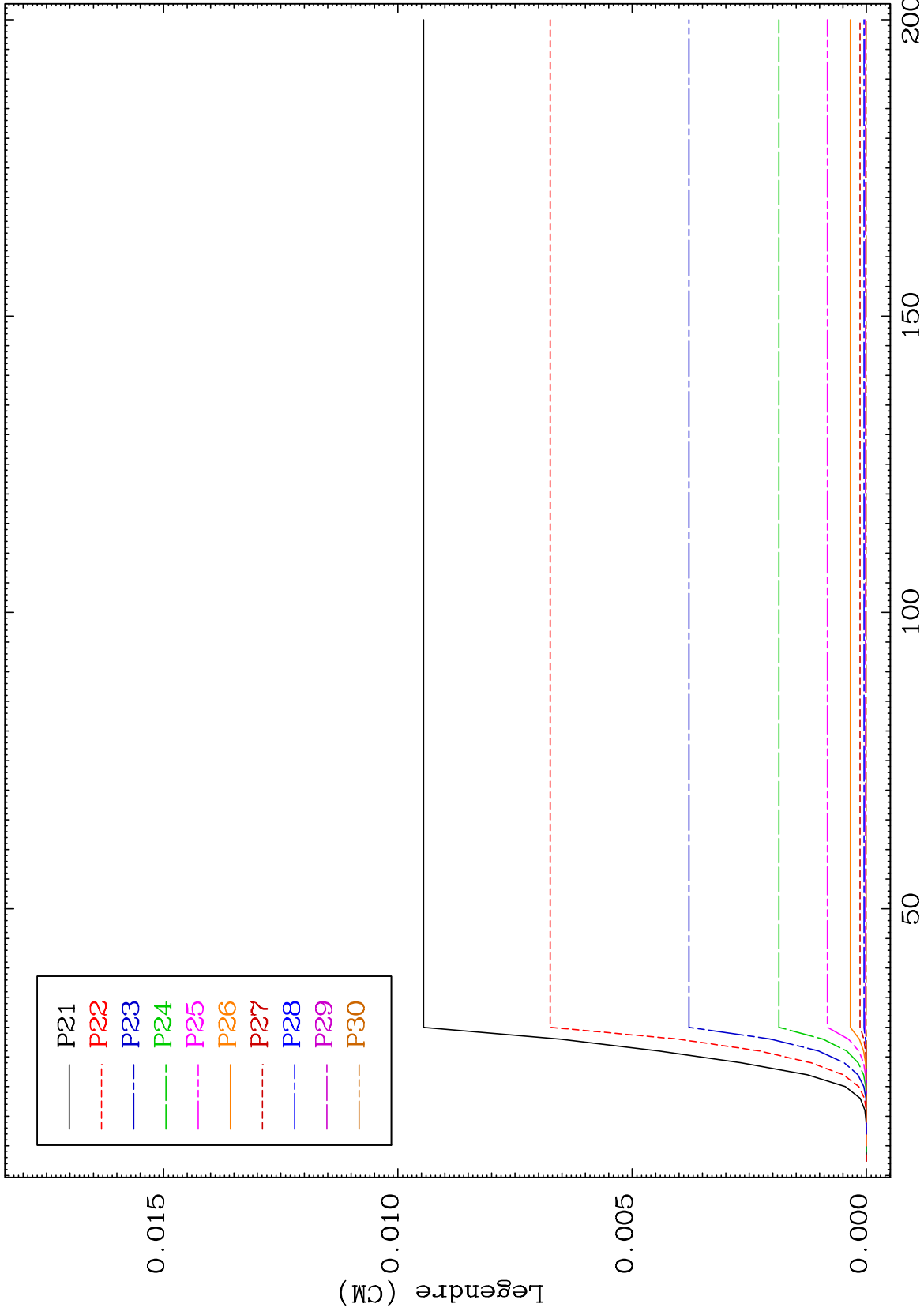
78-Pt-193



MAT 7834

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

78-Pt-193



64

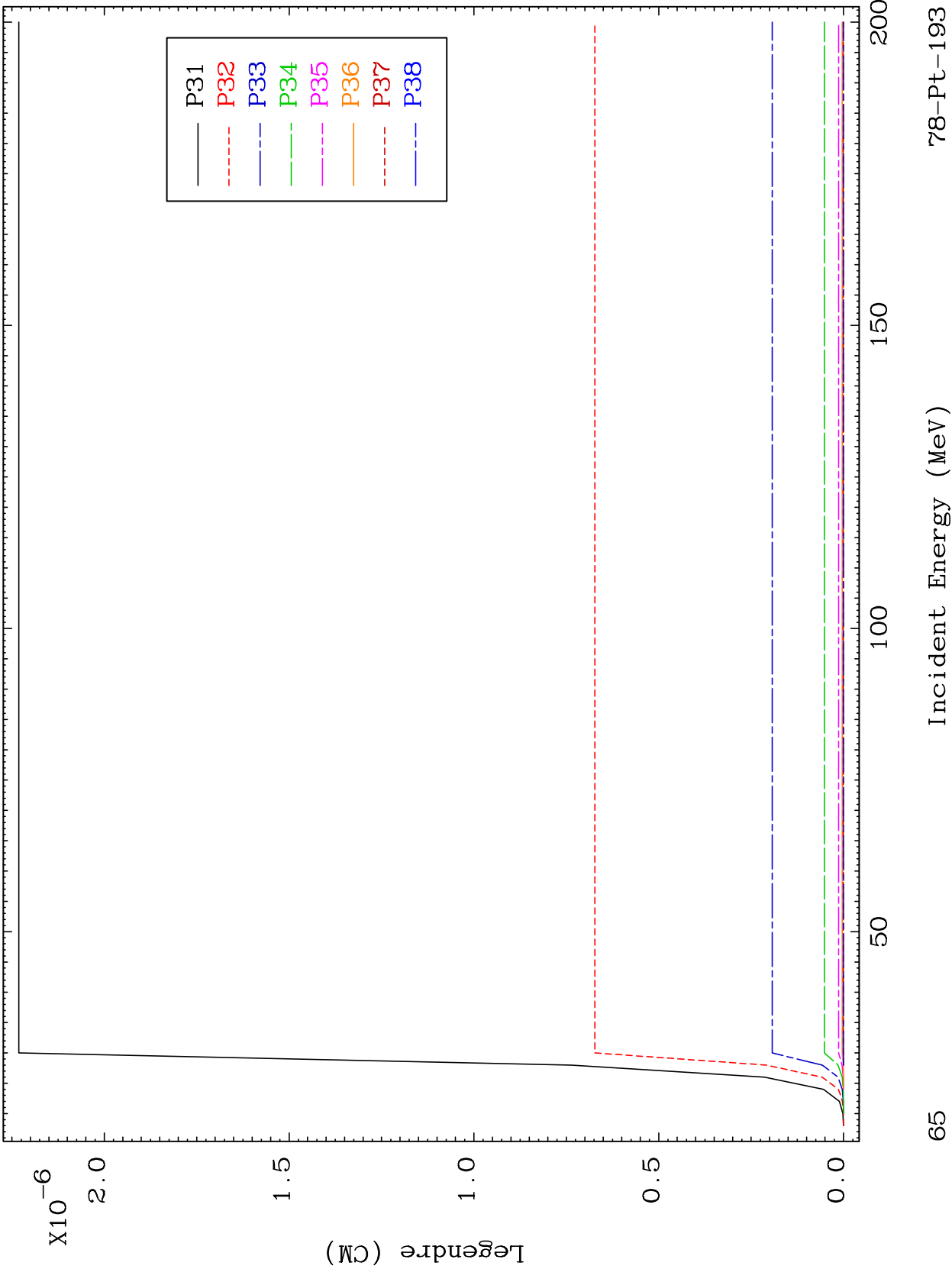
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



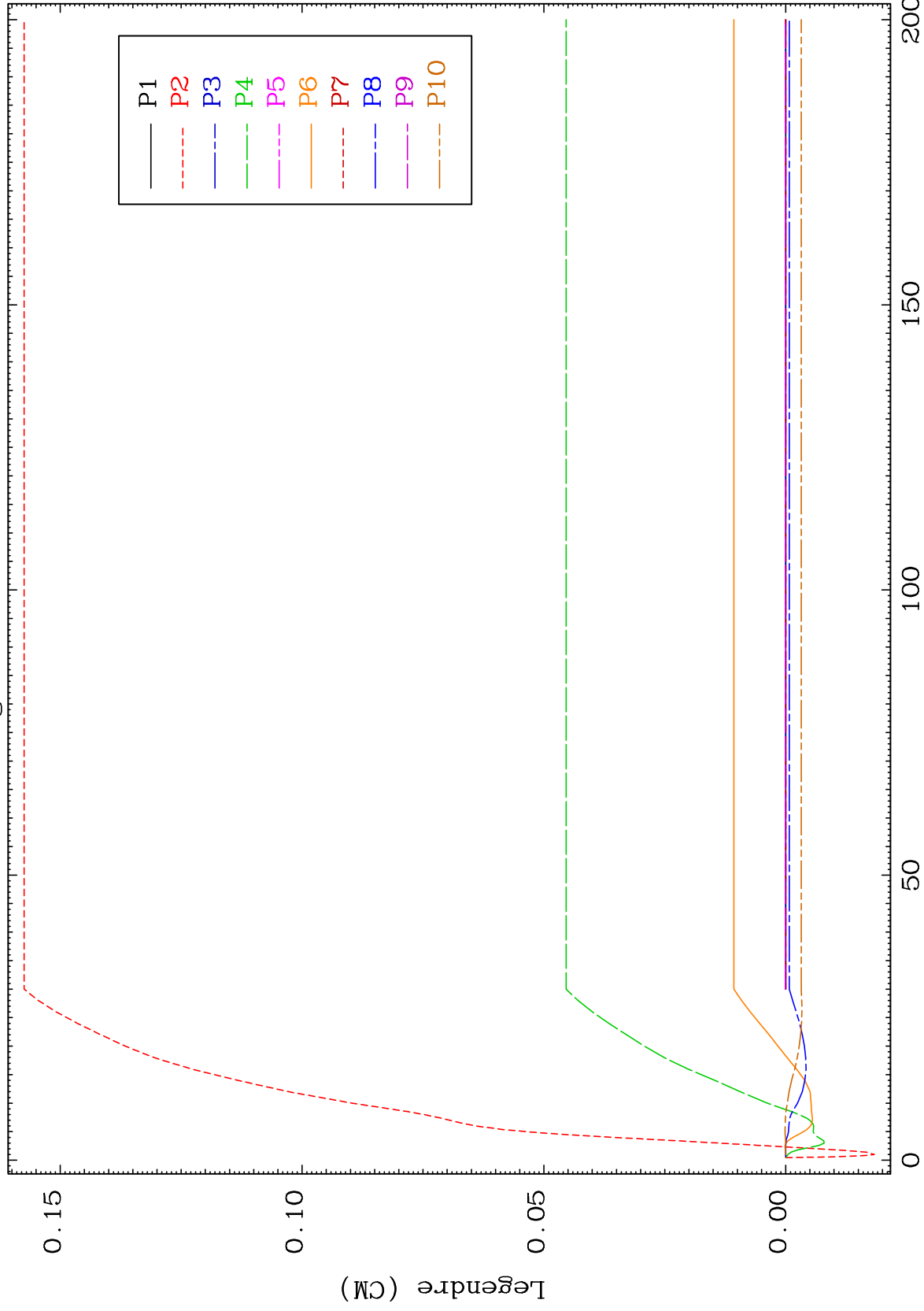
65

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

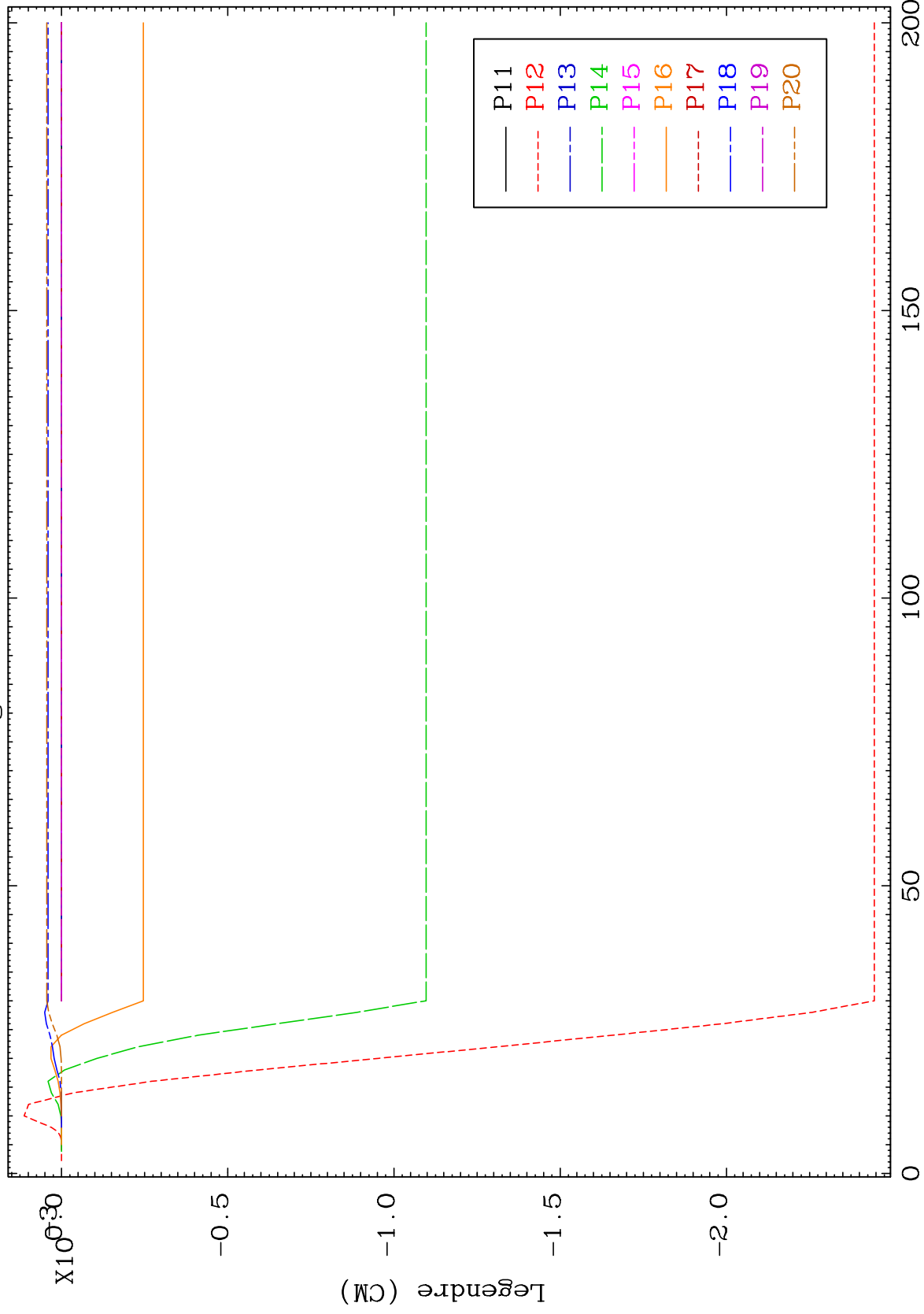
Incident Energy (MeV)

66

MAT 7834

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

78-Pt-193



67

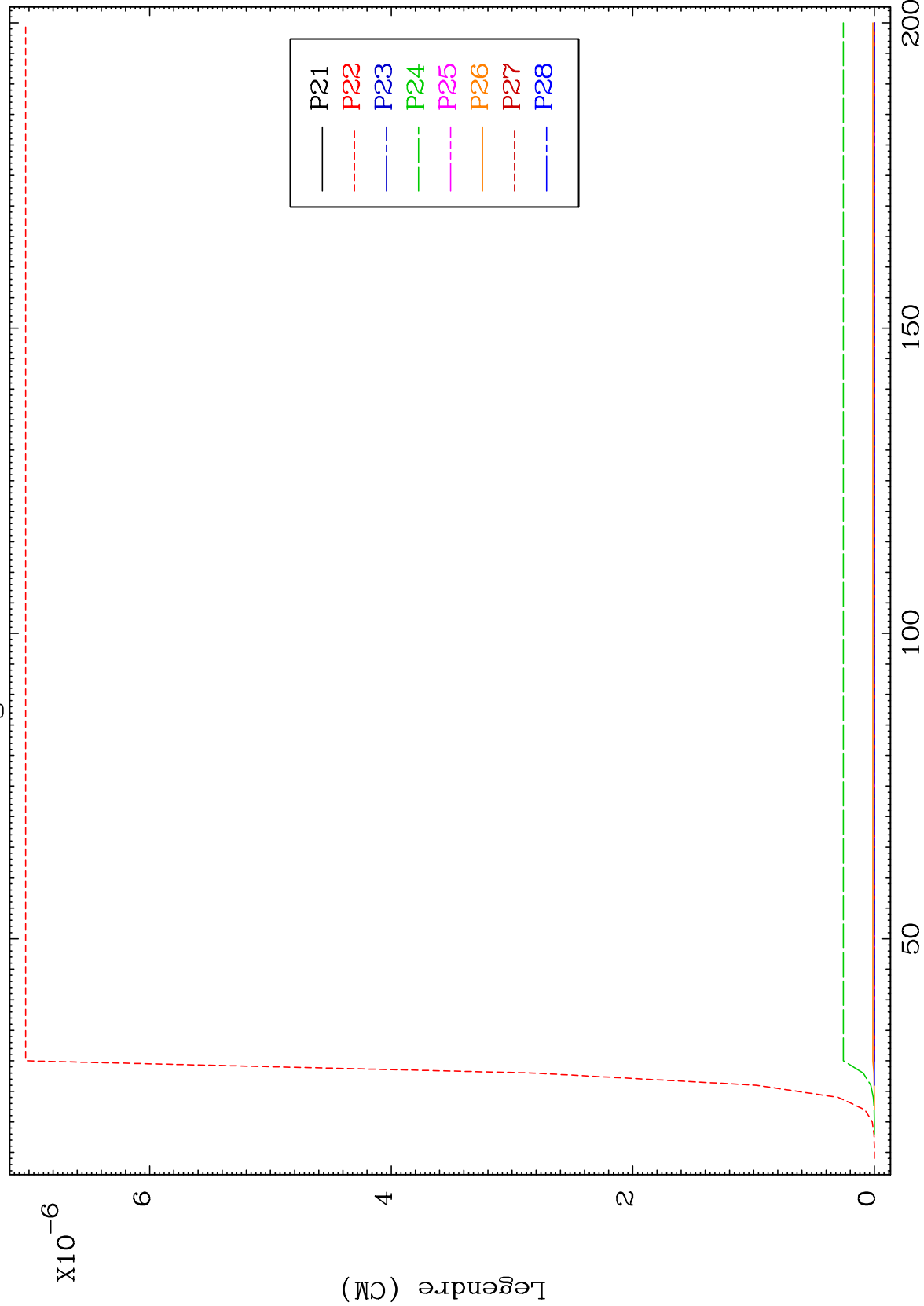
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



68

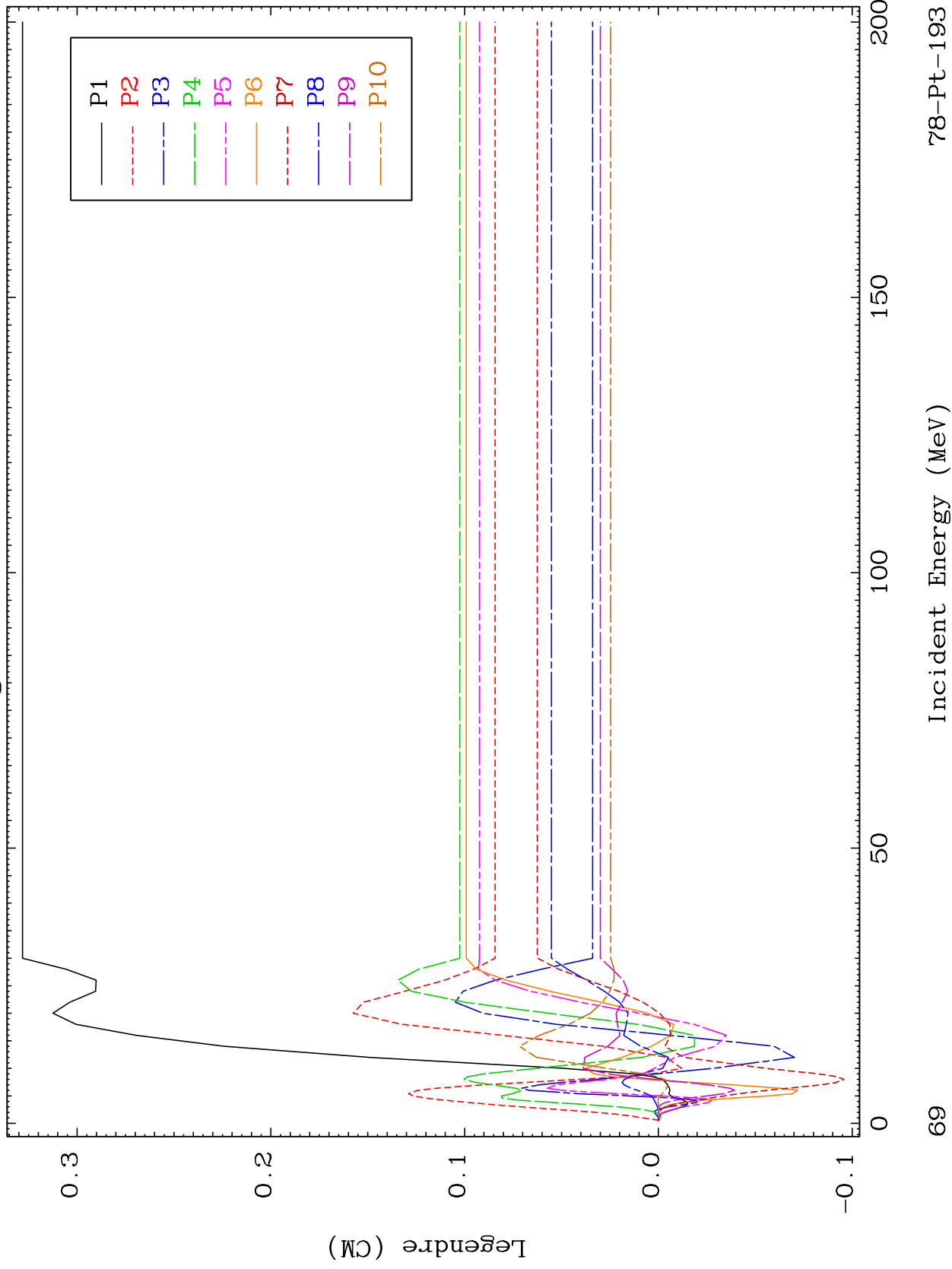
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

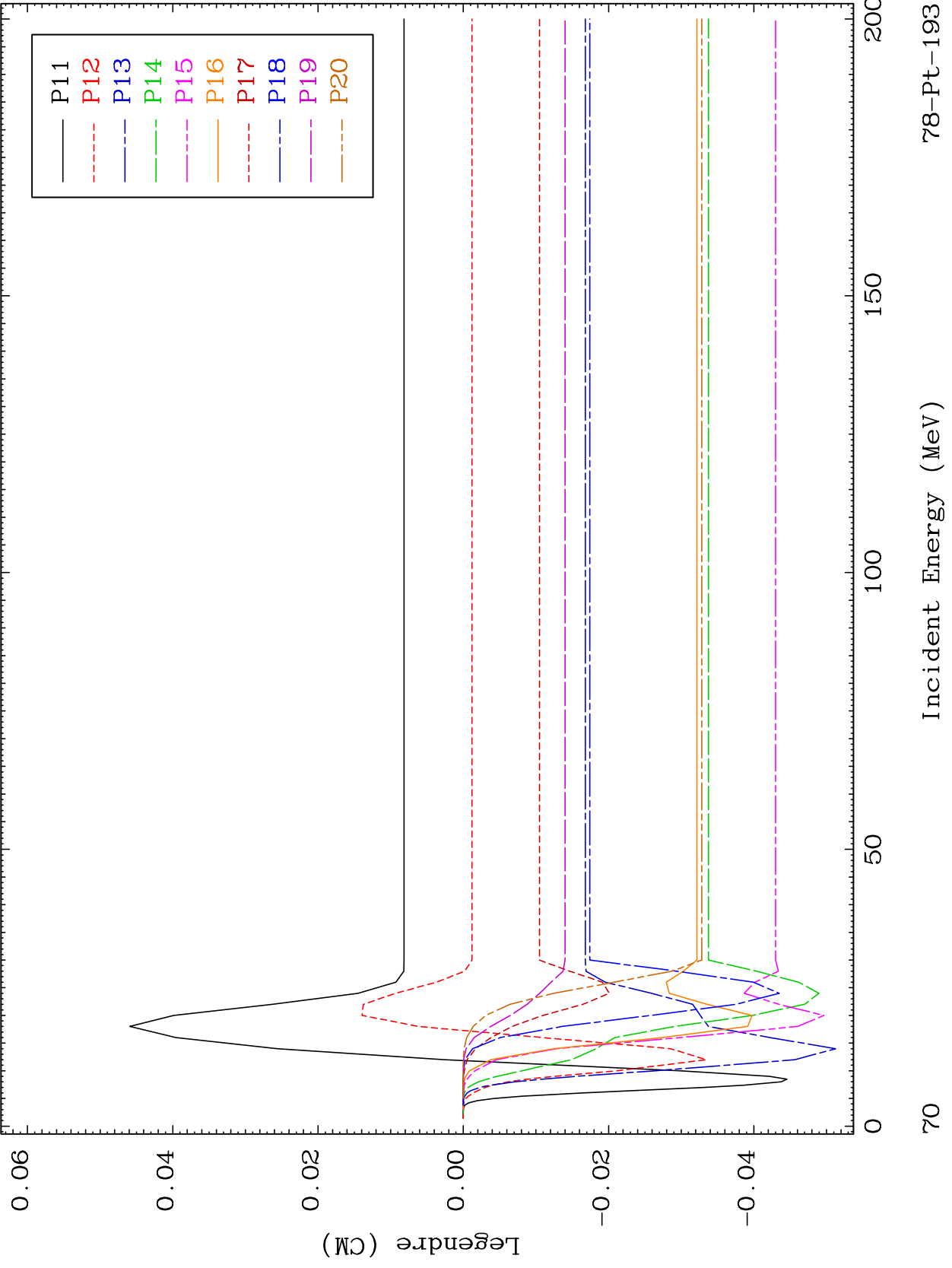
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

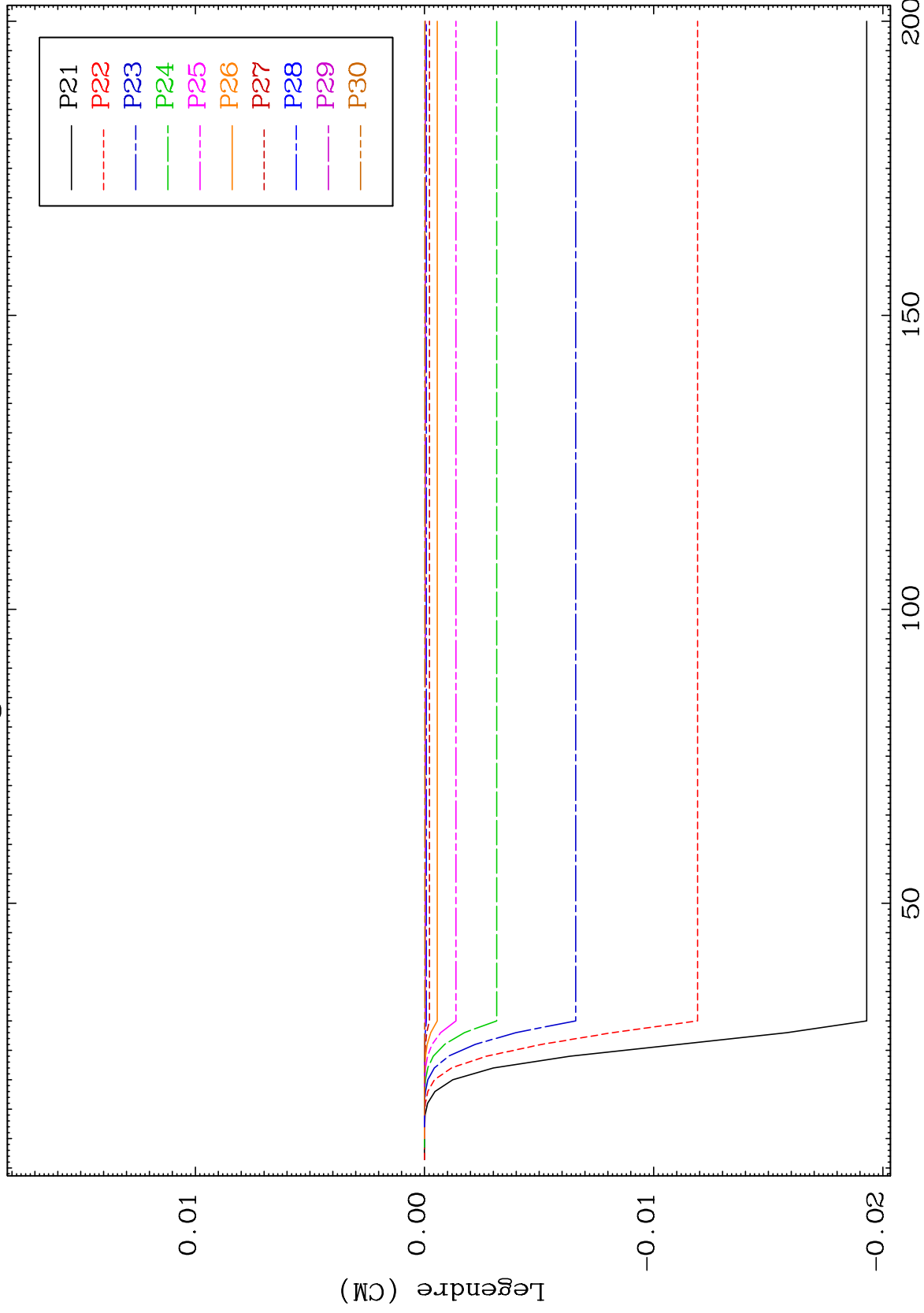
Incident Energy (MeV)

70

MAT 7834

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

78-Pt-193



71

Incident Energy (MeV)

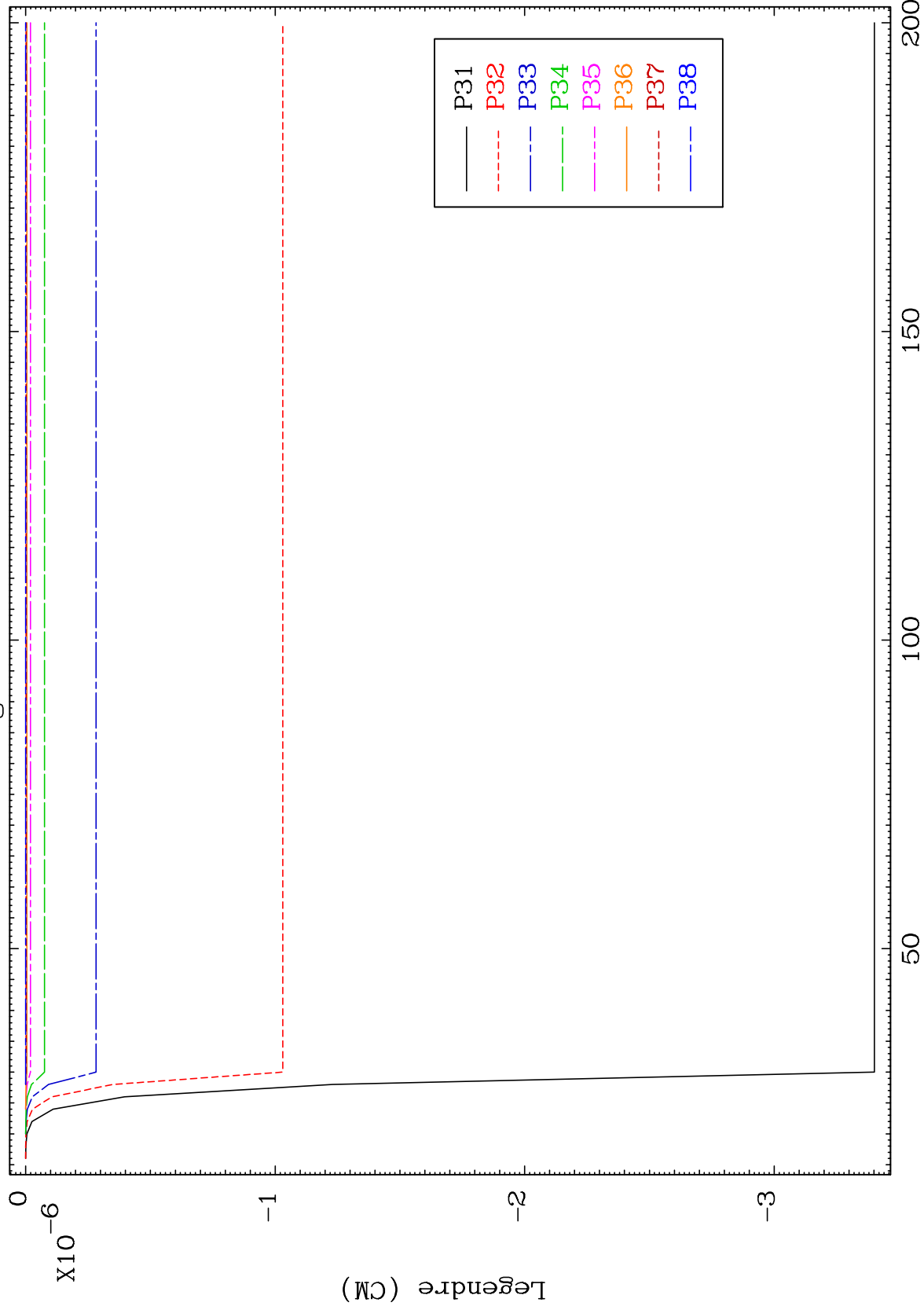
78-Pt-193



MAT 7834

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

78-Pt-193



72

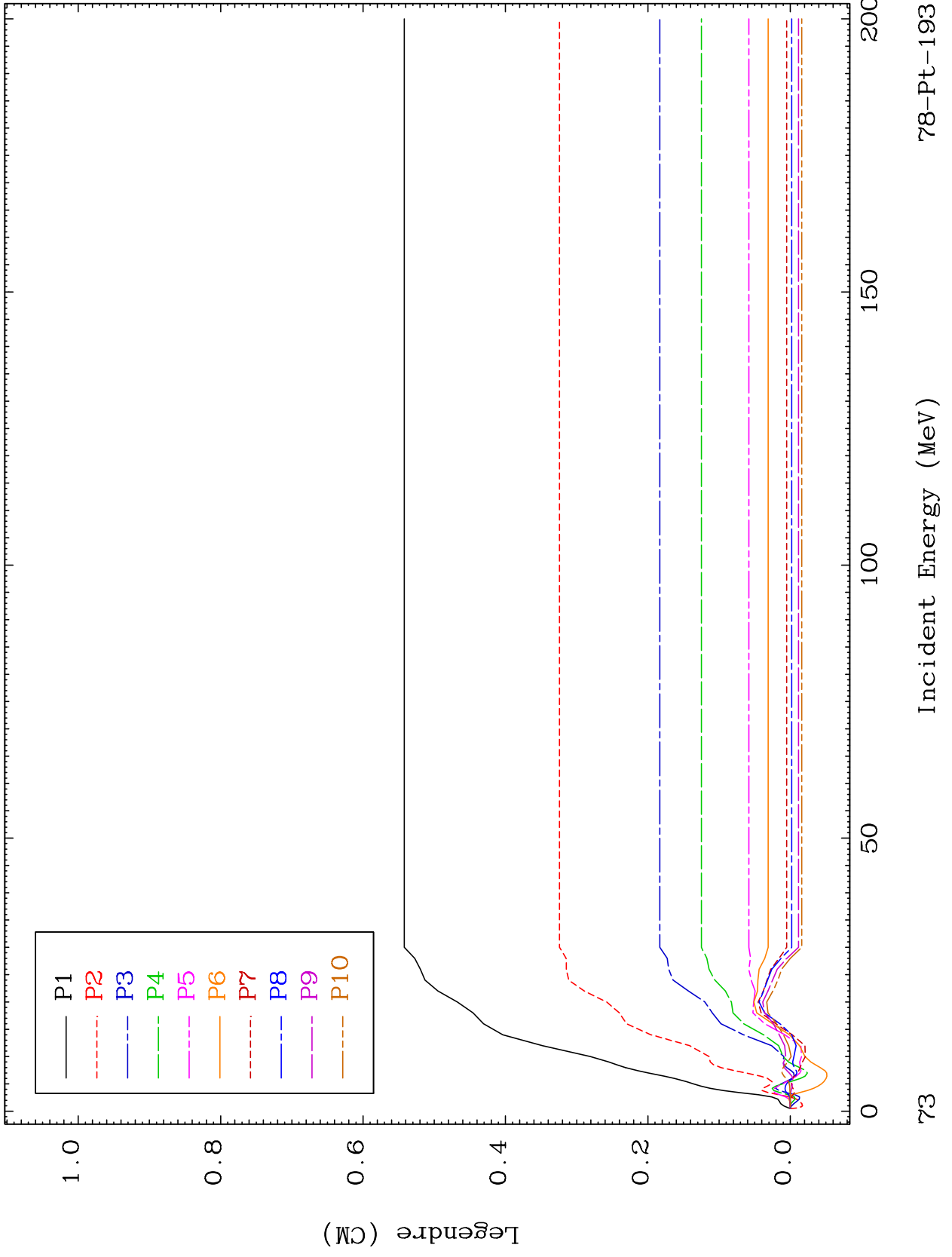
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

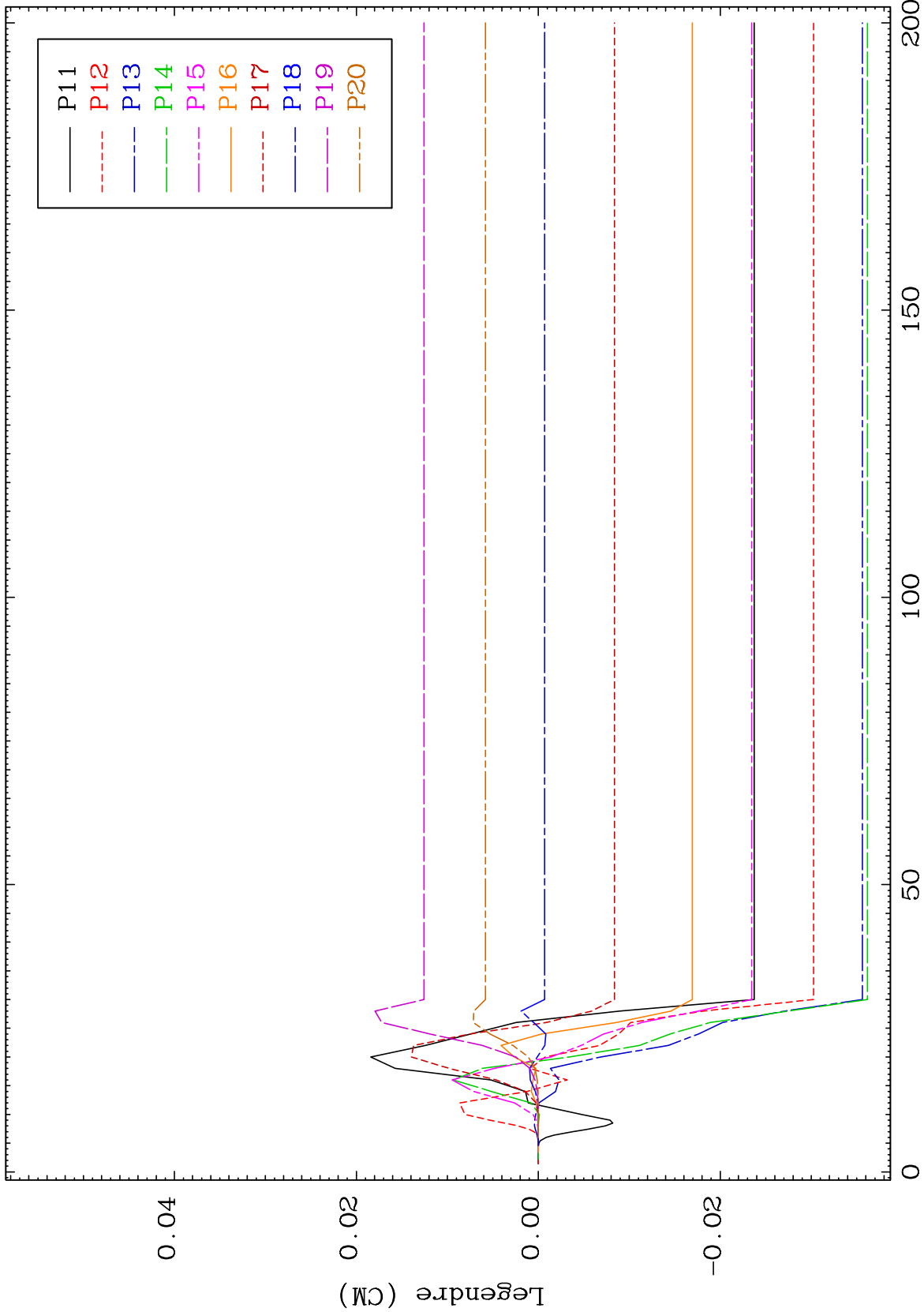


73

MAT 7834

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

78-Pt-193



74

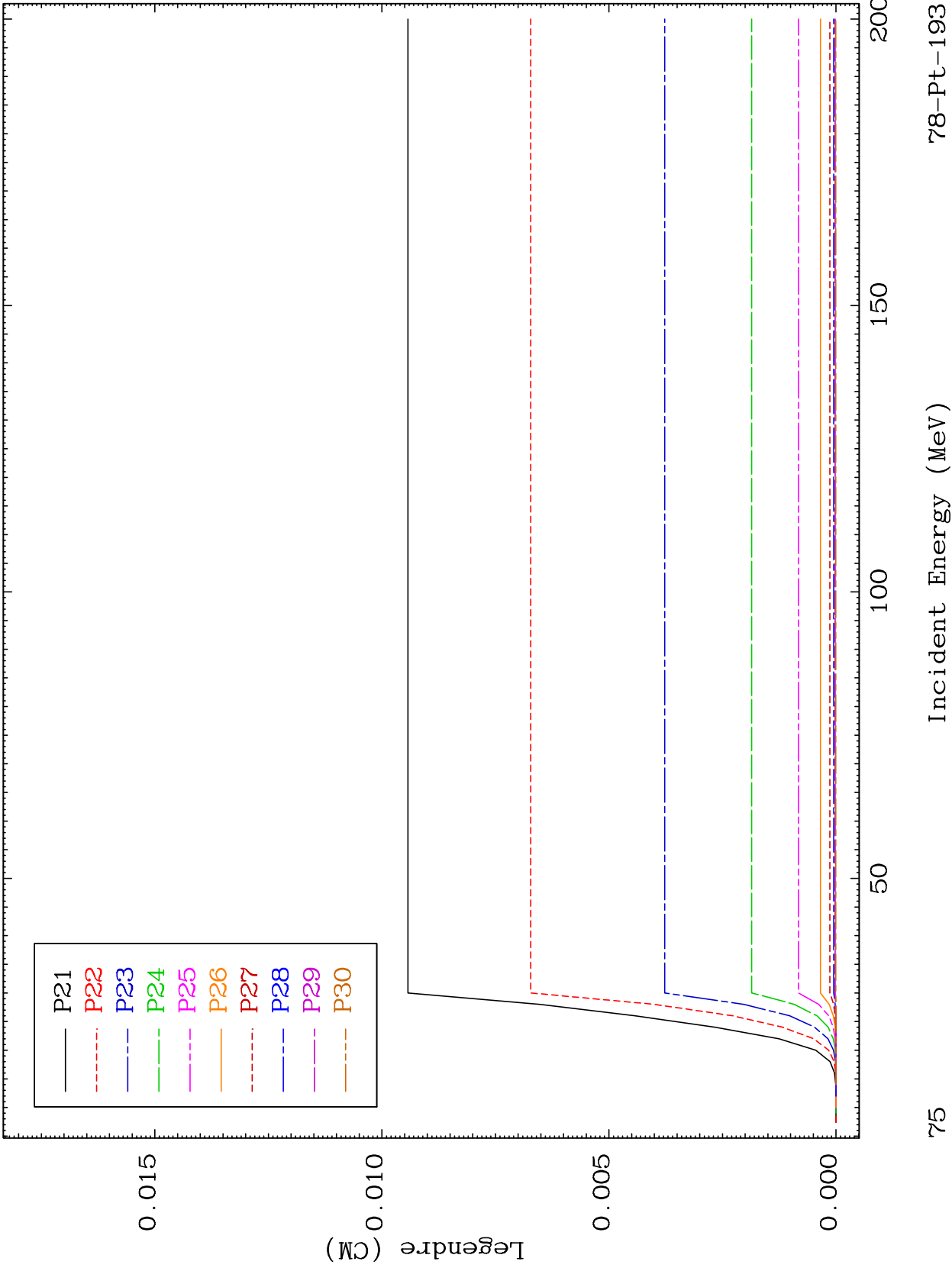
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



75

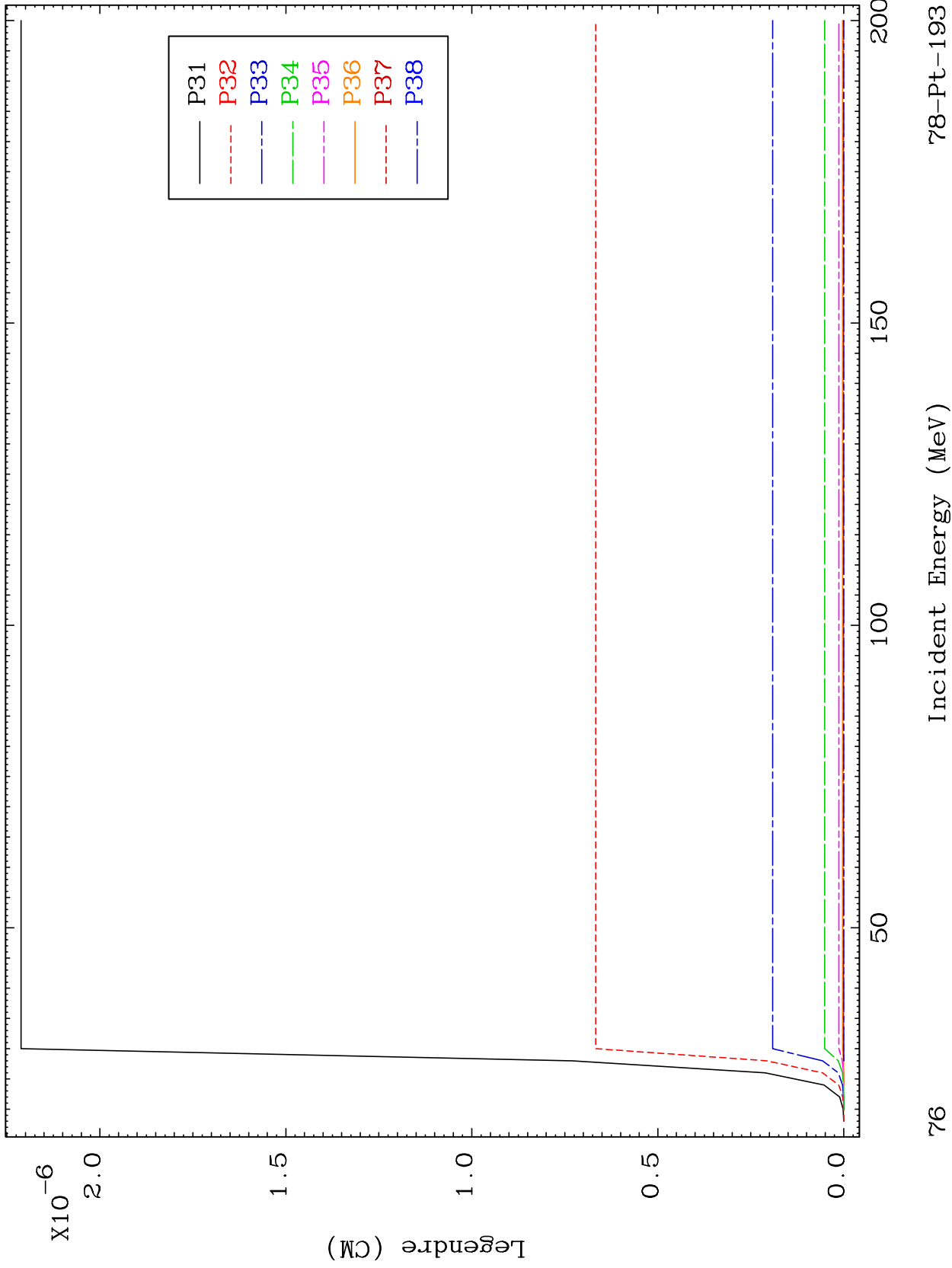
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

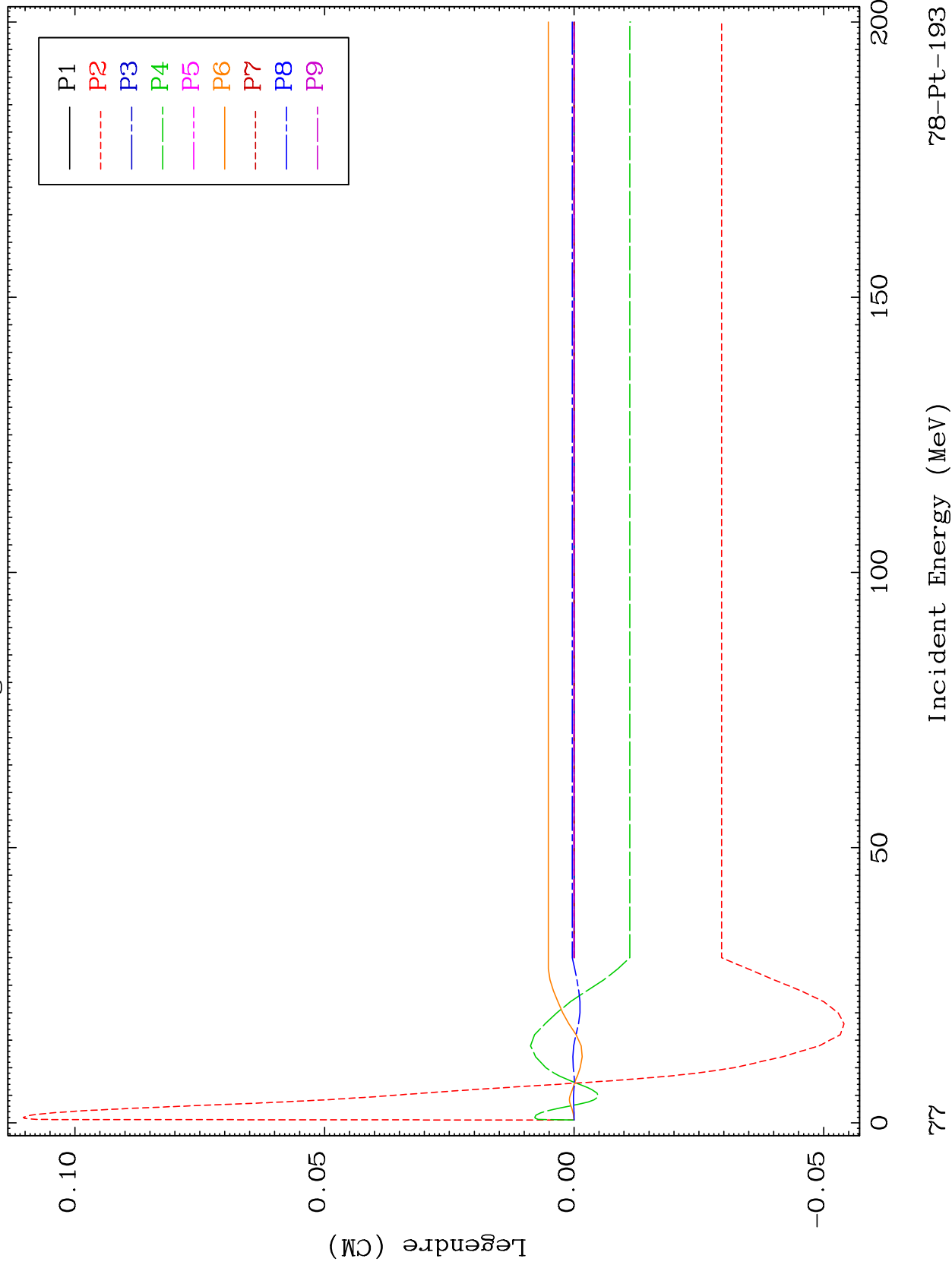
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

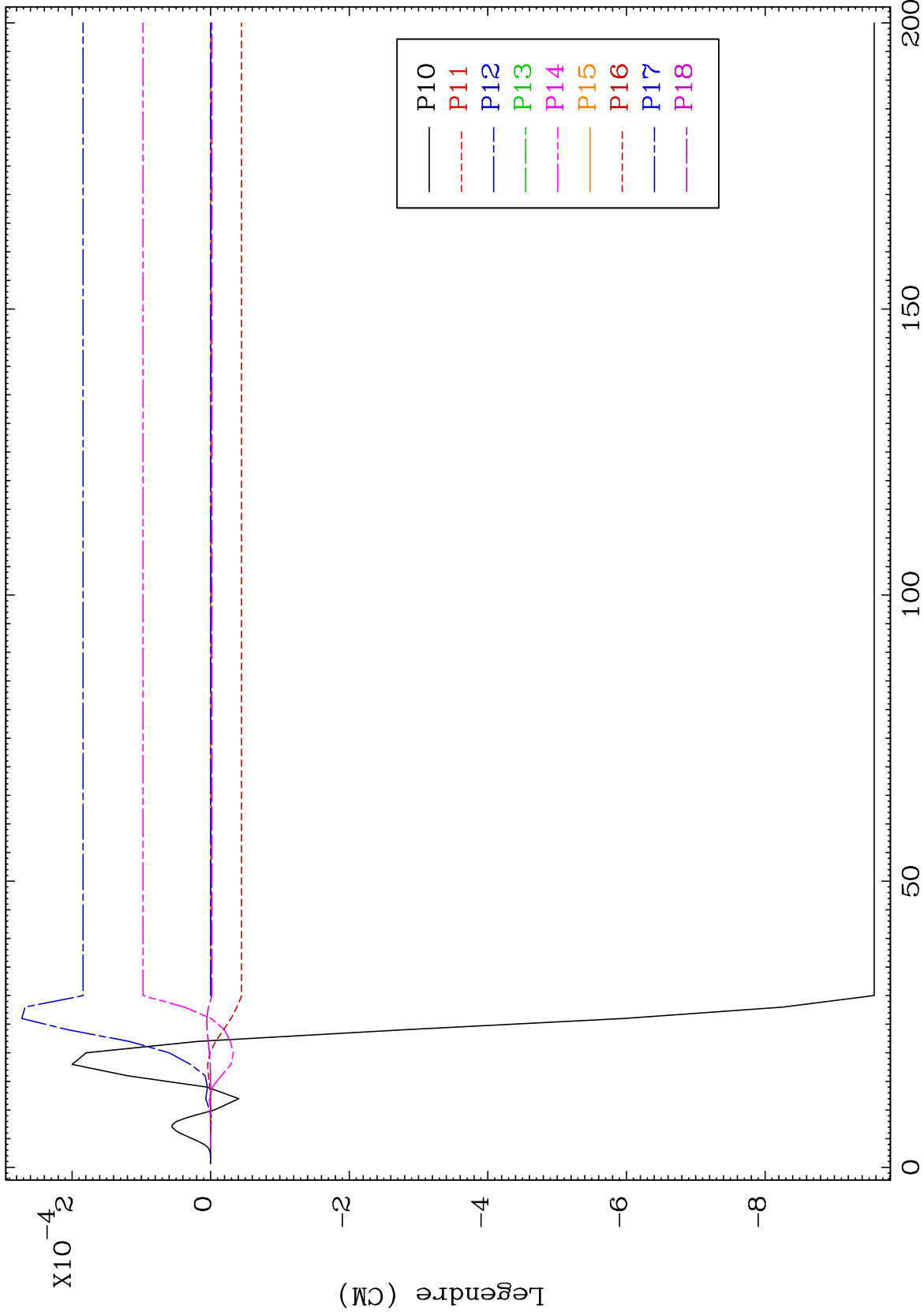
Incident Energy (MeV)

77

MAT 7834

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

78-Pt-193



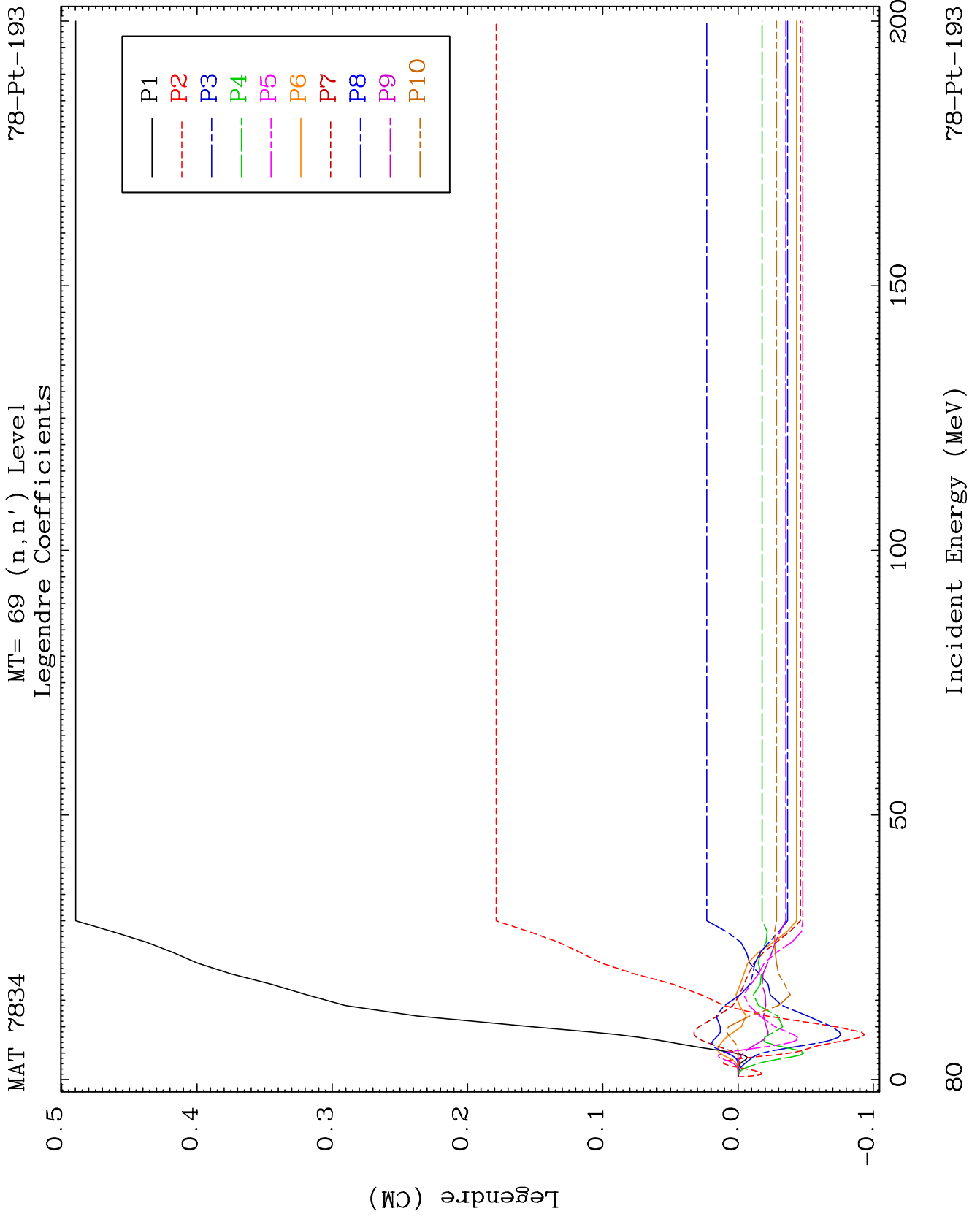
78

Incident Energy (MeV)

78-Pt-193



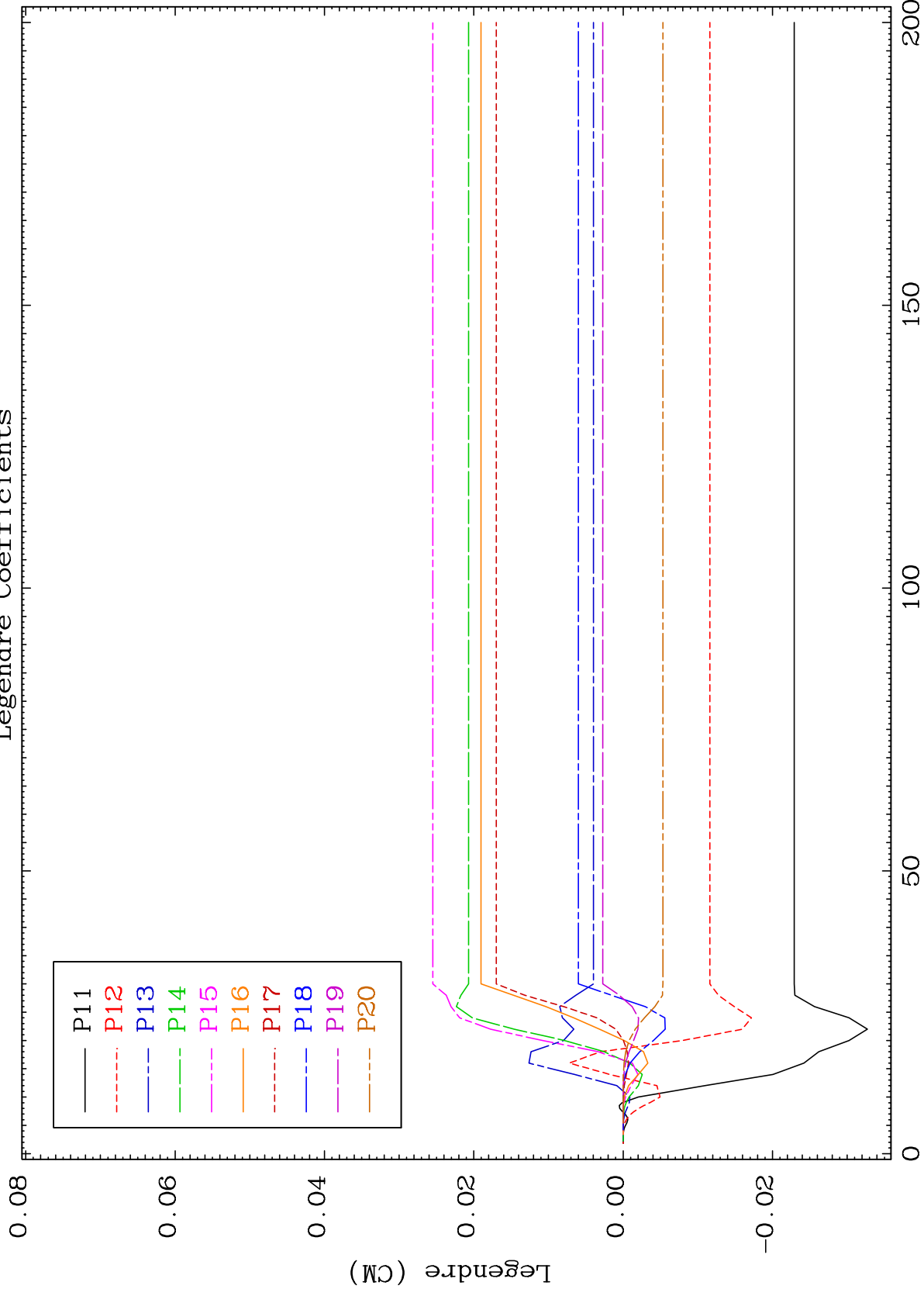




MAT 7834

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

78-Pt-193



81

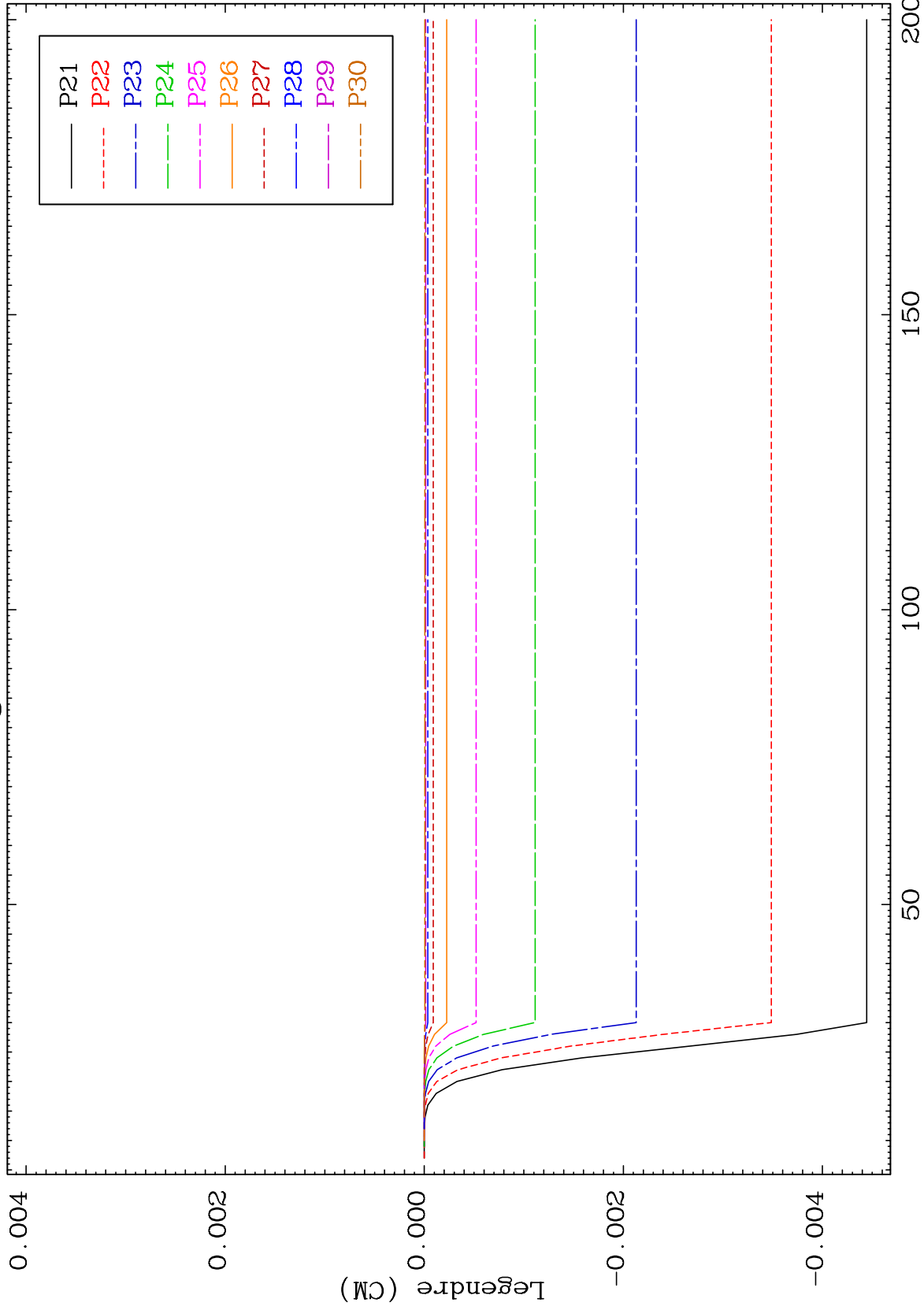
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

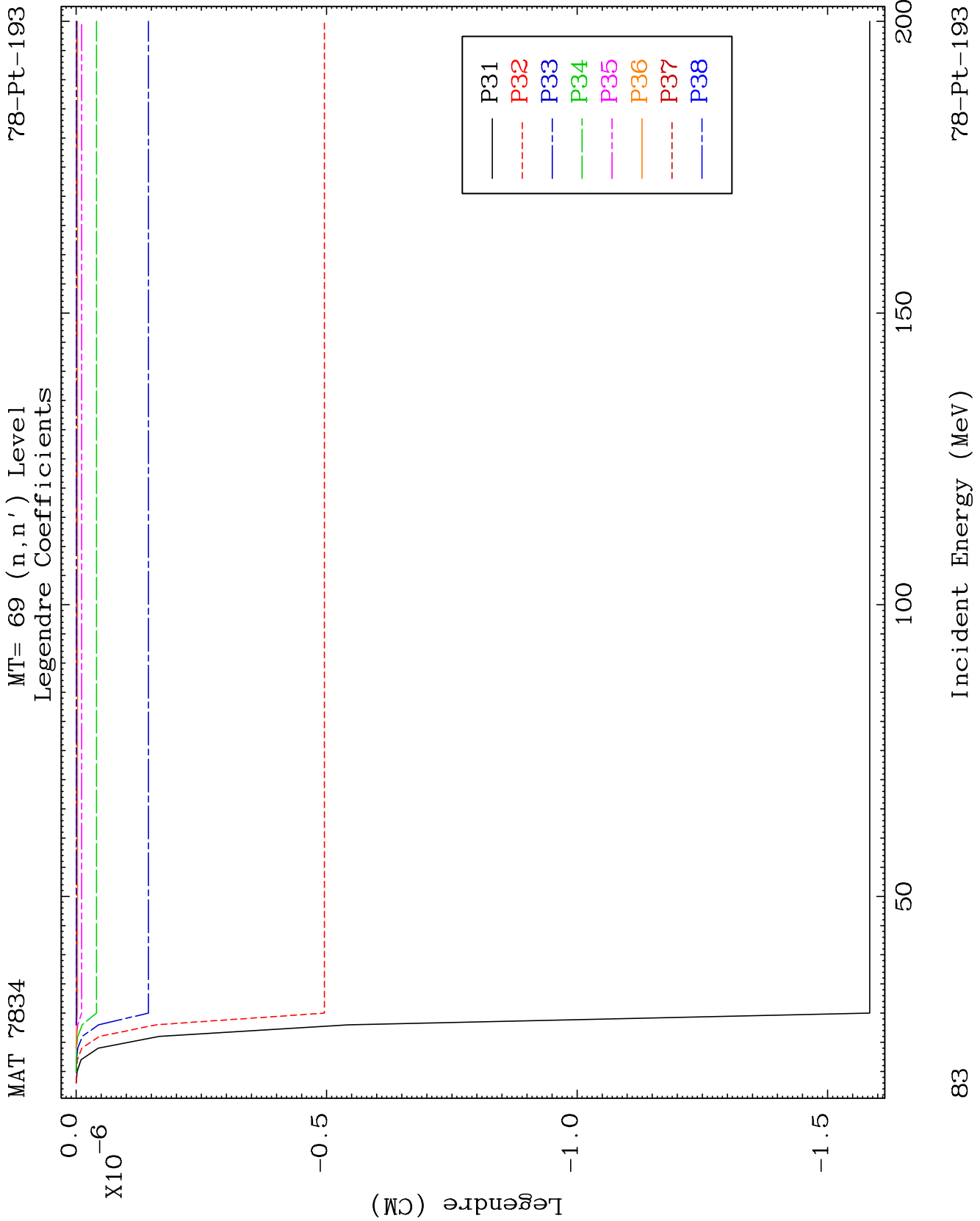
78-Pt-193



82

Incident Energy (MeV)

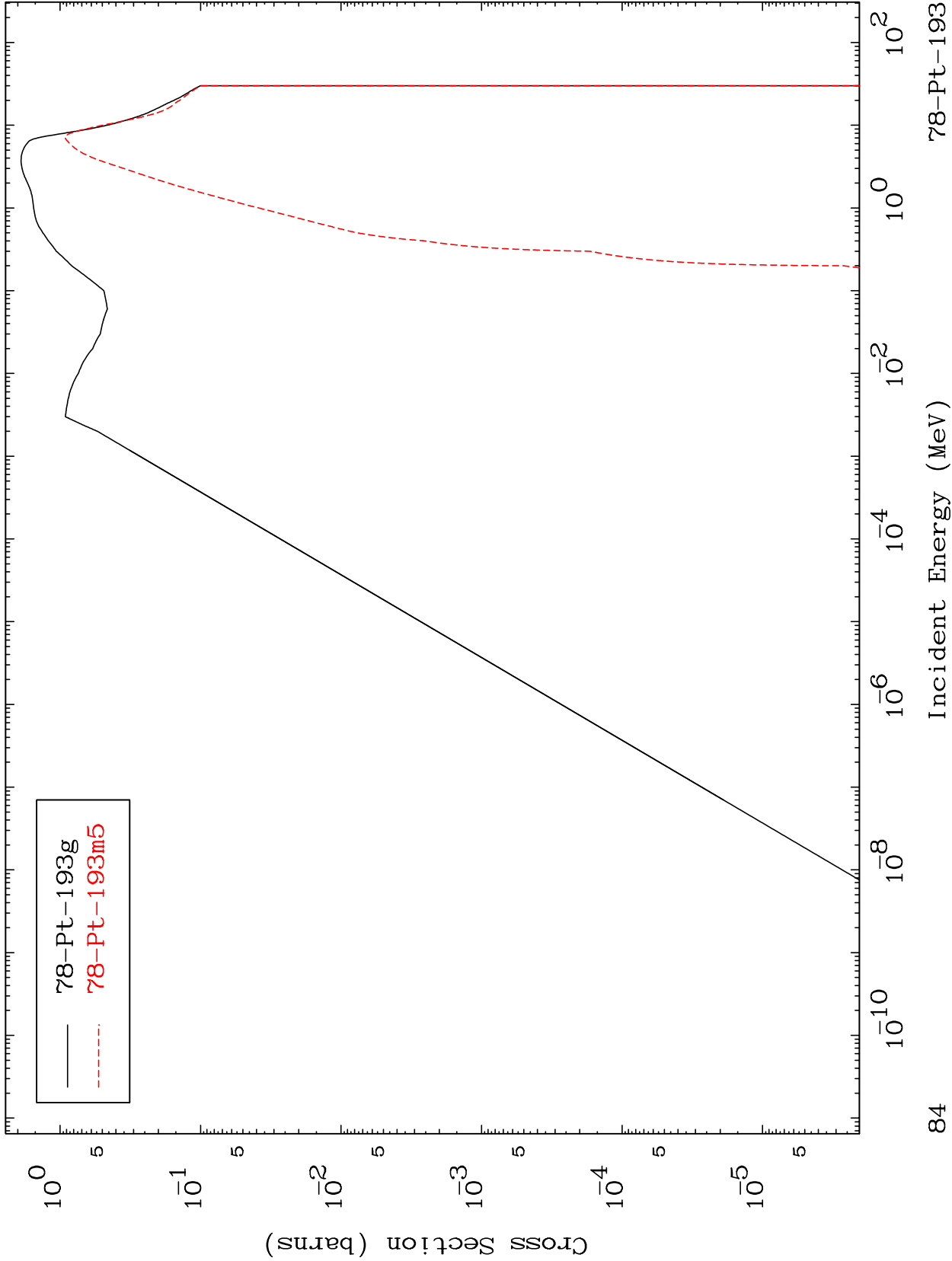
78-Pt-193



MAT 7834

Inelastic  
Radionuclide Production Cross Section

78-Pt-193

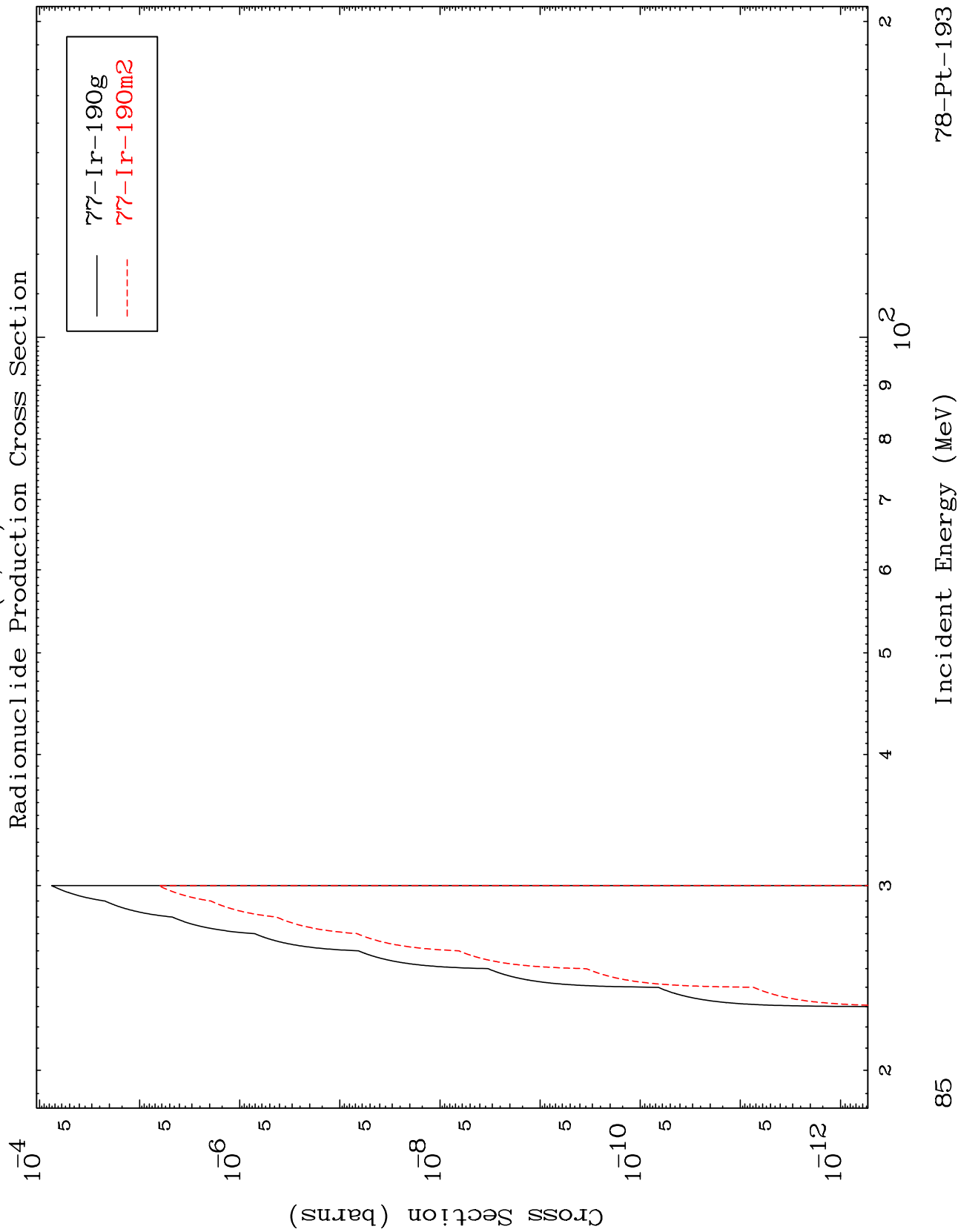


78-Pt-193g  
78-Pt-193m5

MAT 7834

(n,2n) d

78-Pt-193



85

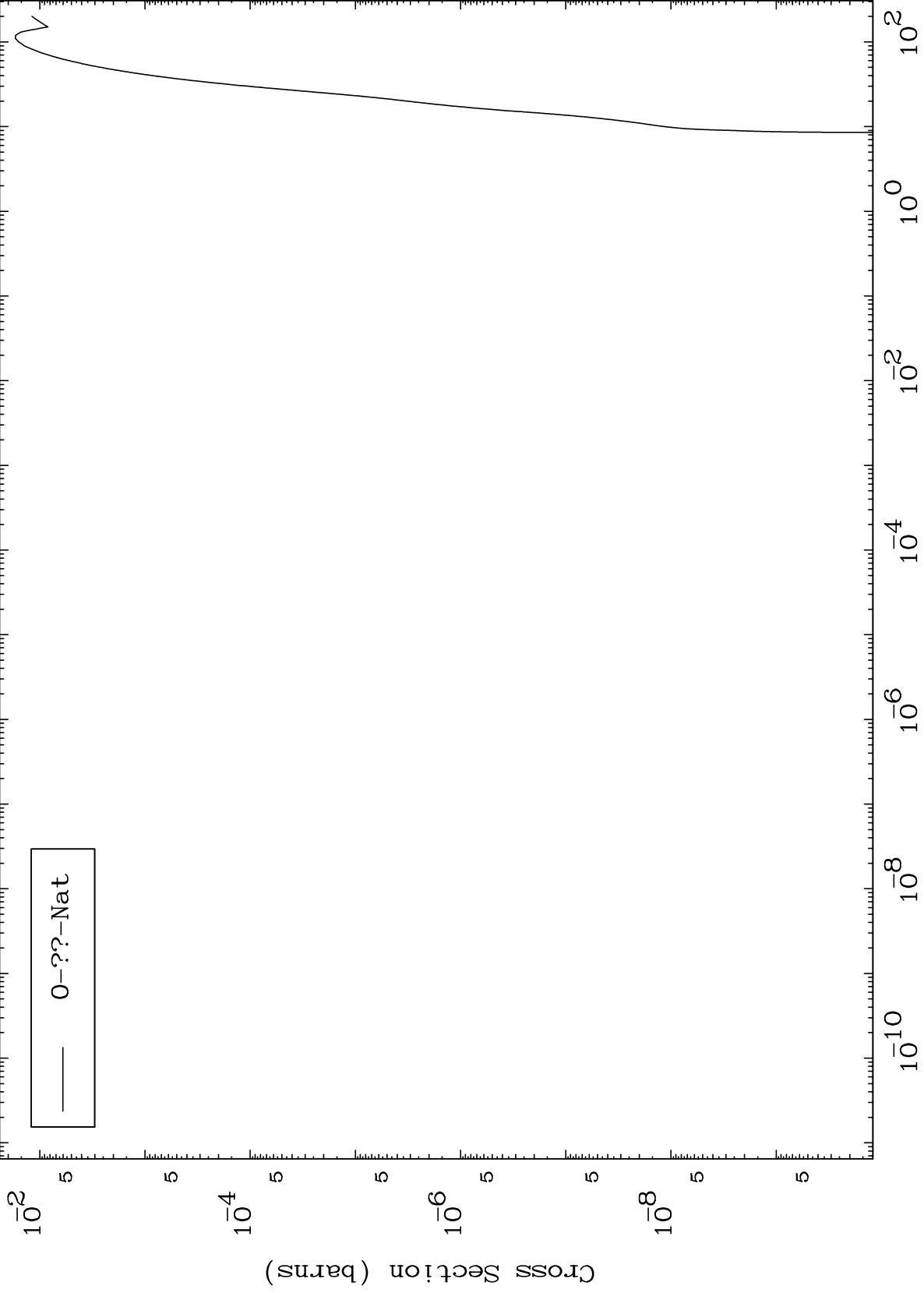
78-Pt-193

MAT 7834

Fission

78-Pt-193

Radionuclide Production Cross Section



86

Incident Energy (MeV)

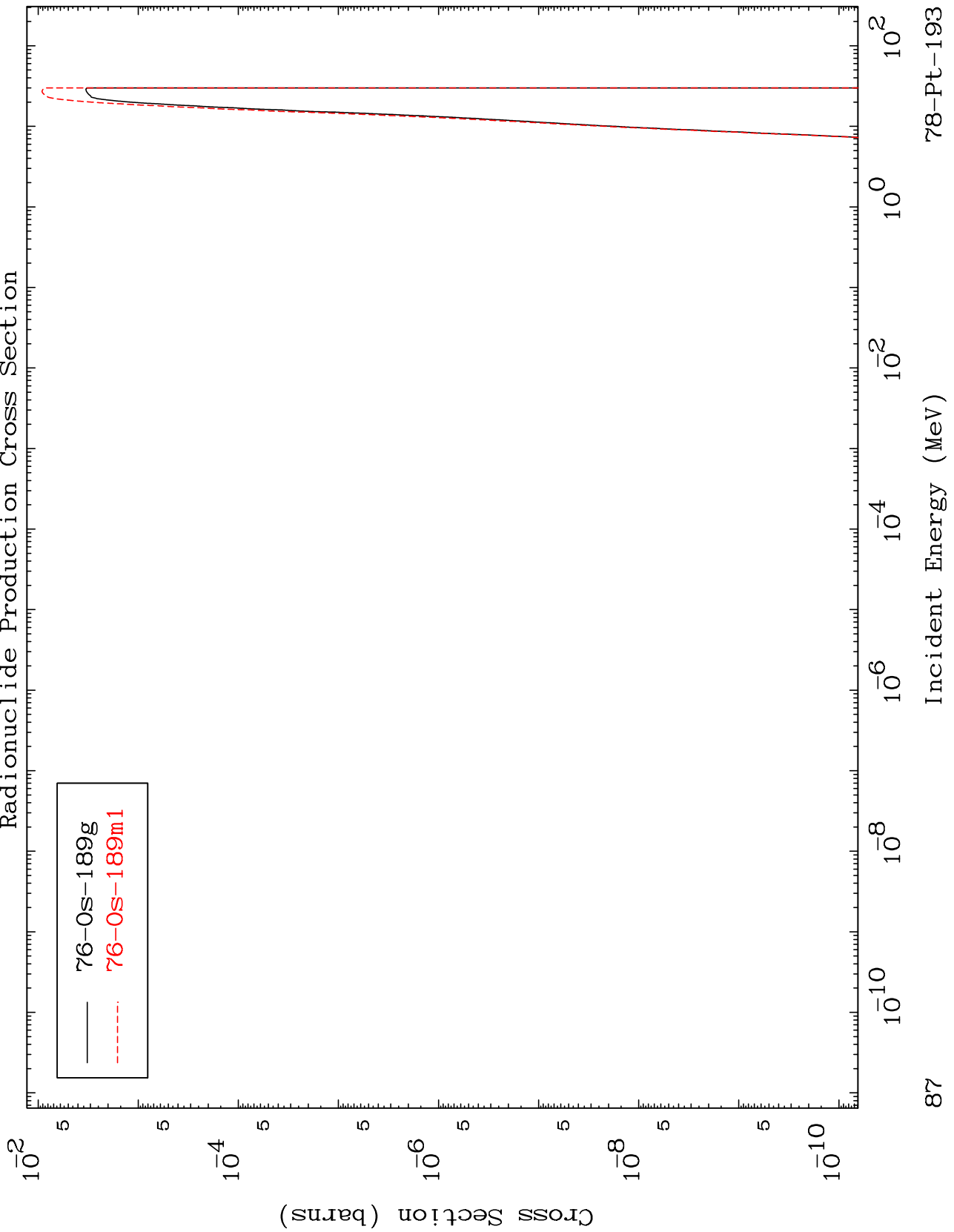
78-Pt-193

MAT 7834

$(n, n') \alpha$

78-Pt-193

Radionuclide Production Cross Section



76-0s-189g  
76-0s-189m1

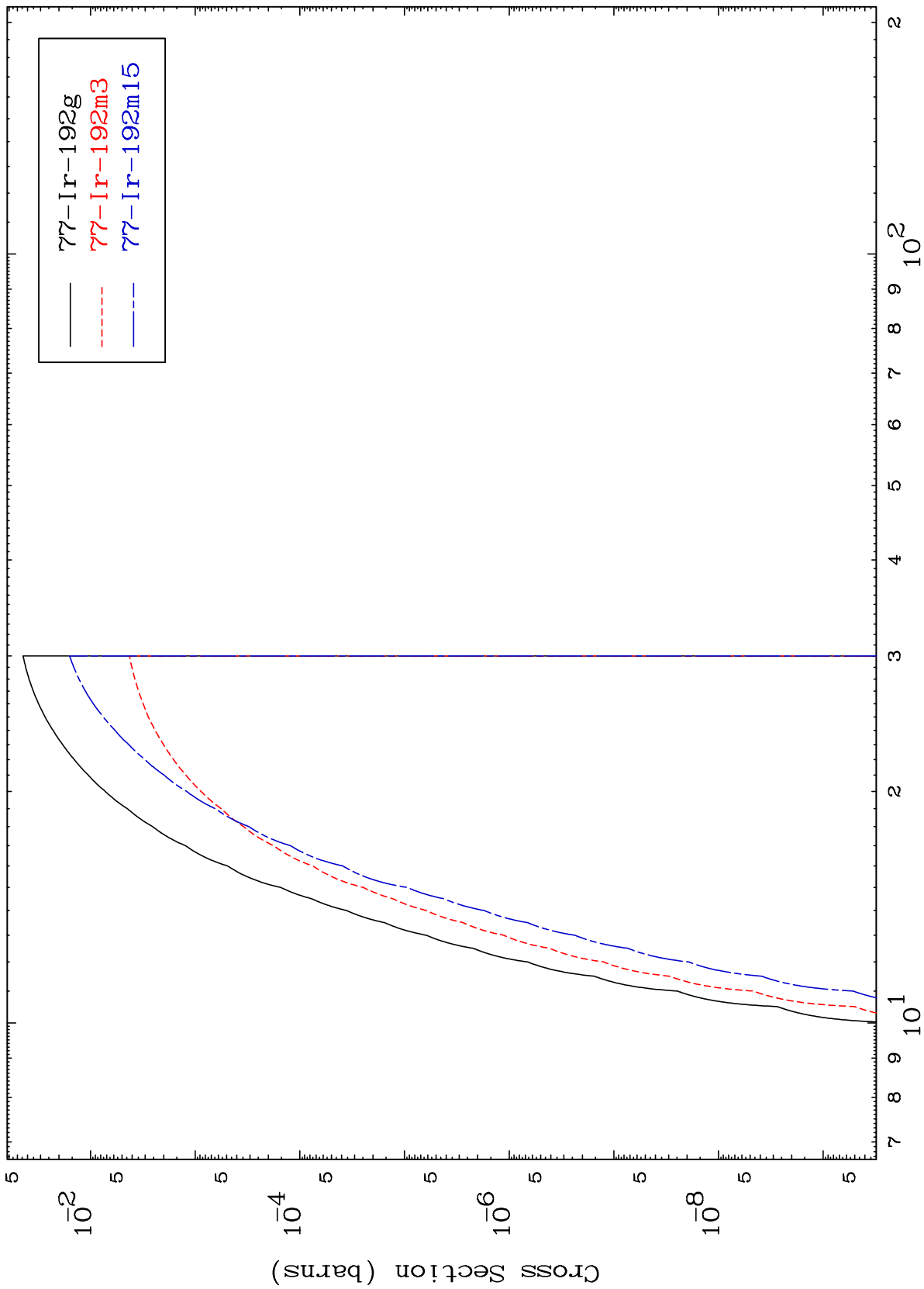


MAT 7834

(n,n') p

78-Pt-193

Radionuclide Production Cross Section

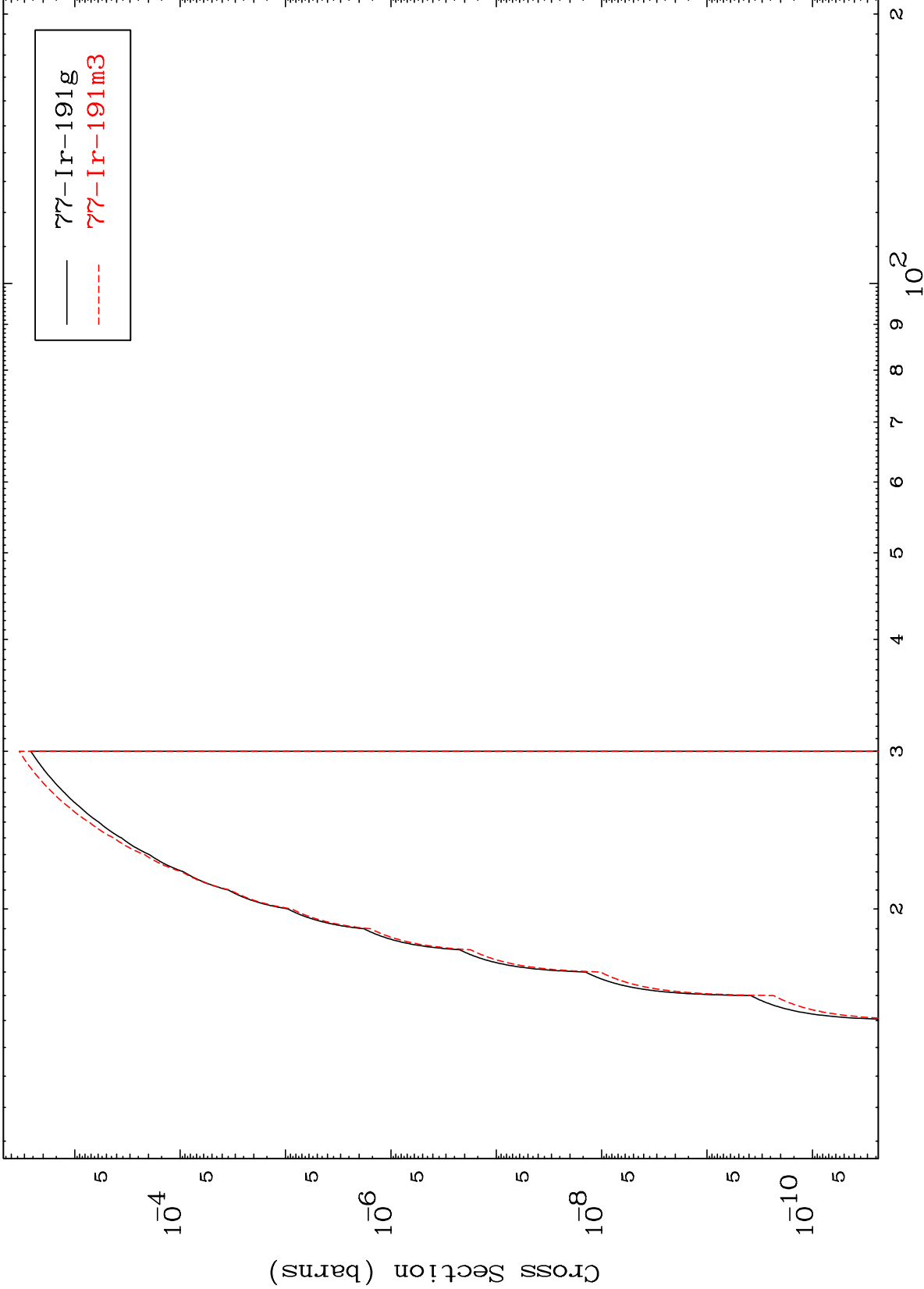


88

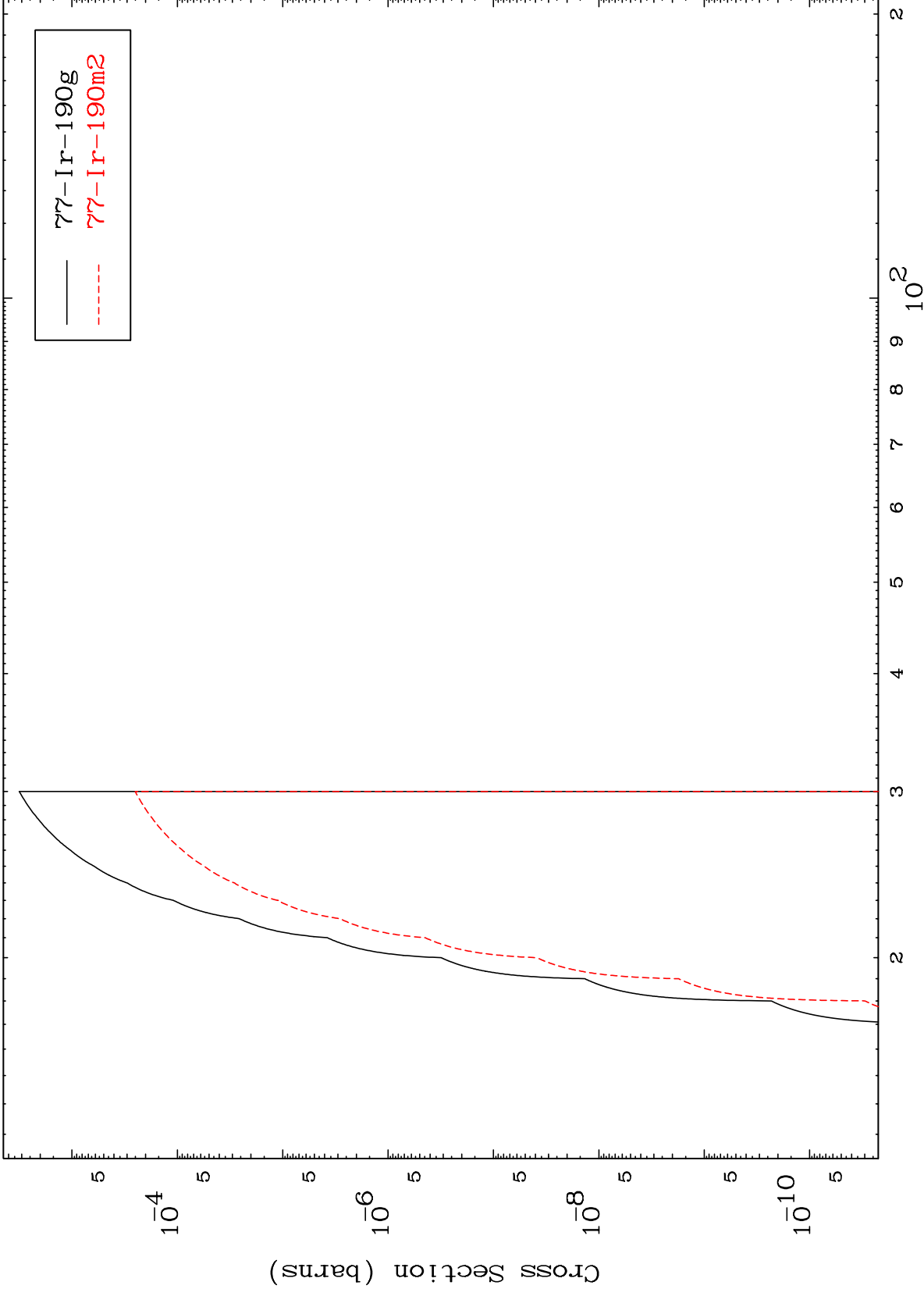
Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

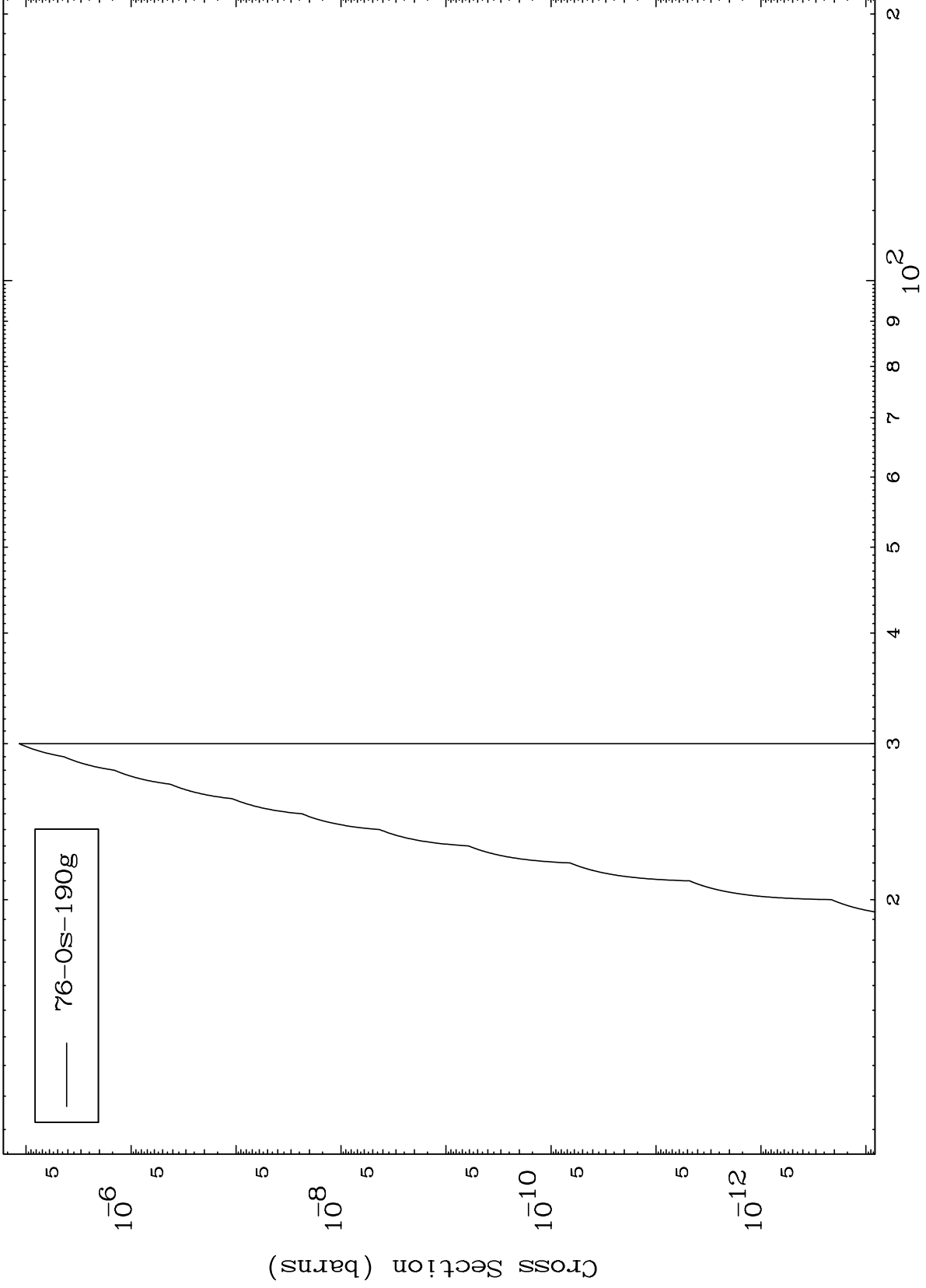


MAT 7834

(n,n') He-3

78-Pt-193

Radionuclide Production Cross Section

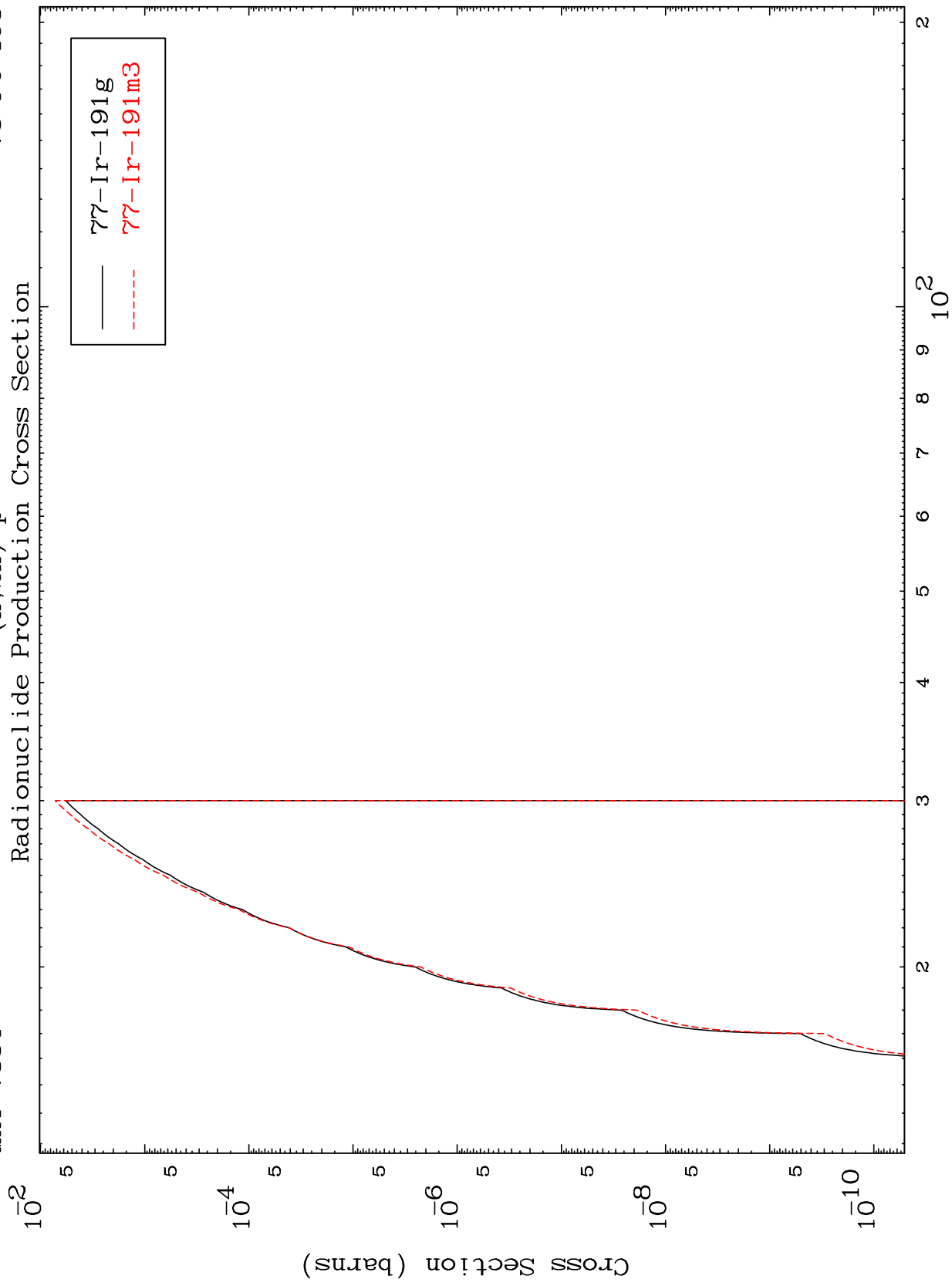


MAT 7834

78-Pt-193

(n,2n) p

Radionuclide Production Cross Section

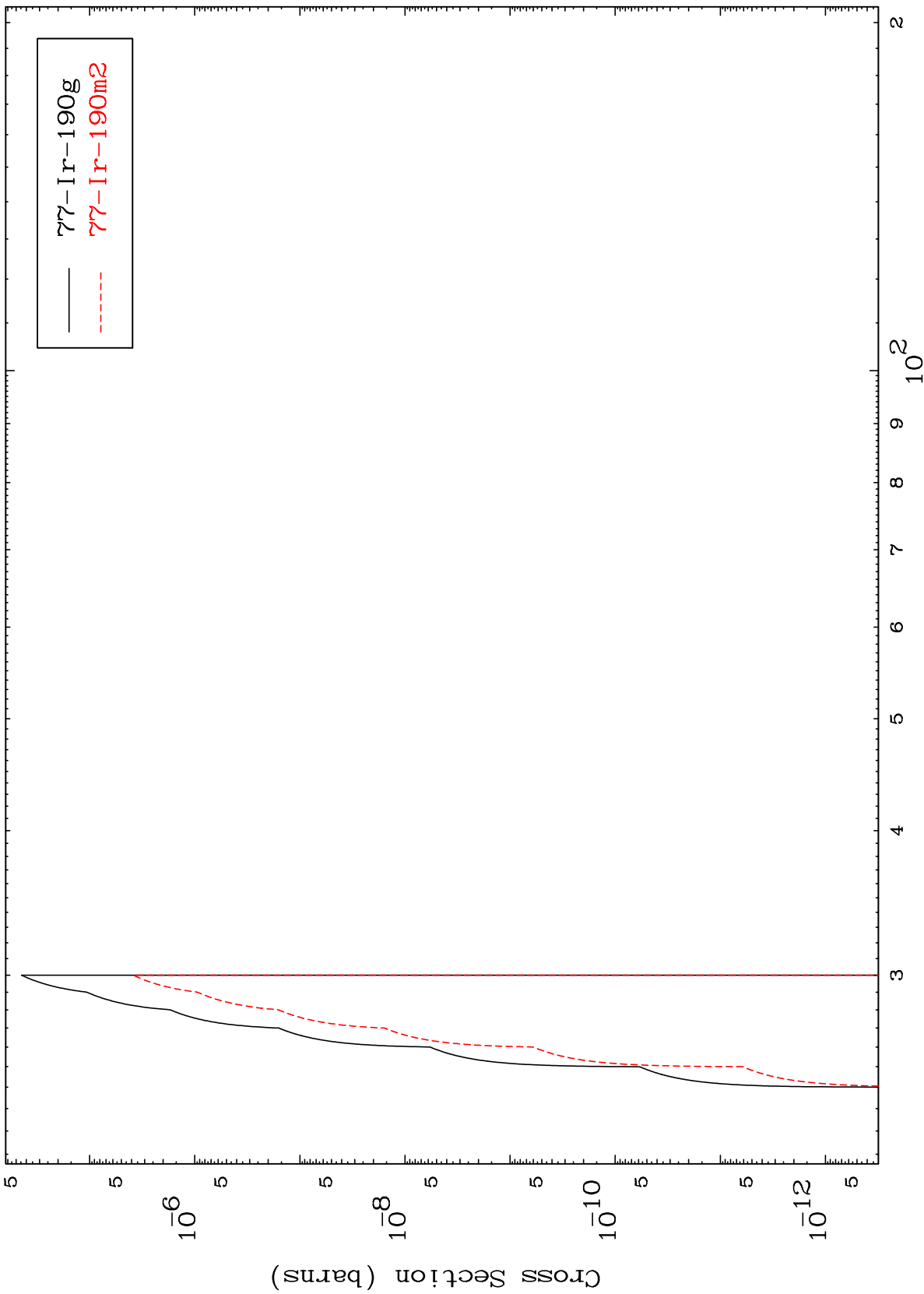


92

Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section



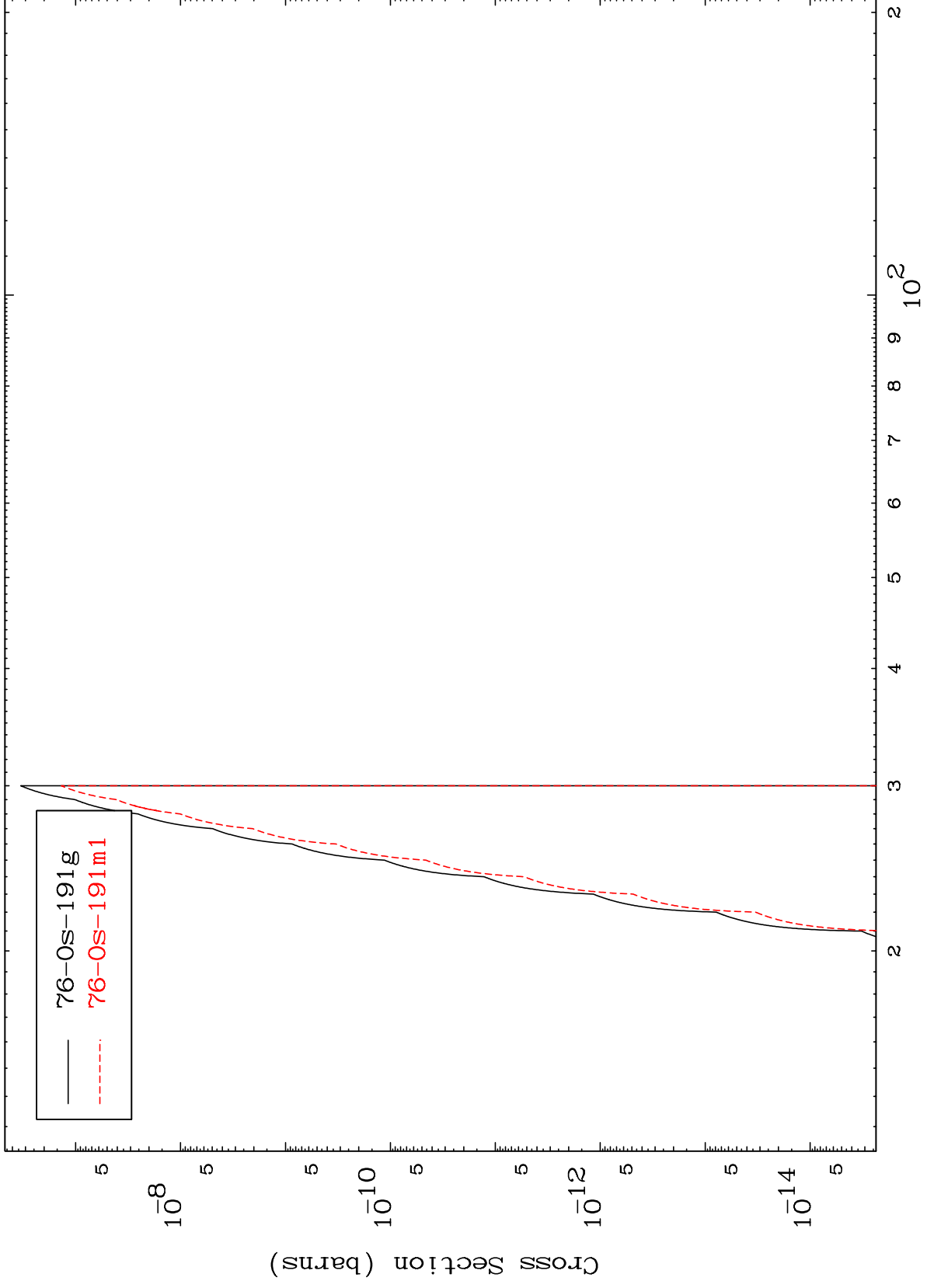
77-Ir-190g  
77-Ir-190m2

MAT 7834

(n,2n) p

78-Pt-193

Radionuclide Production Cross Section



94

Incident Energy (MeV)

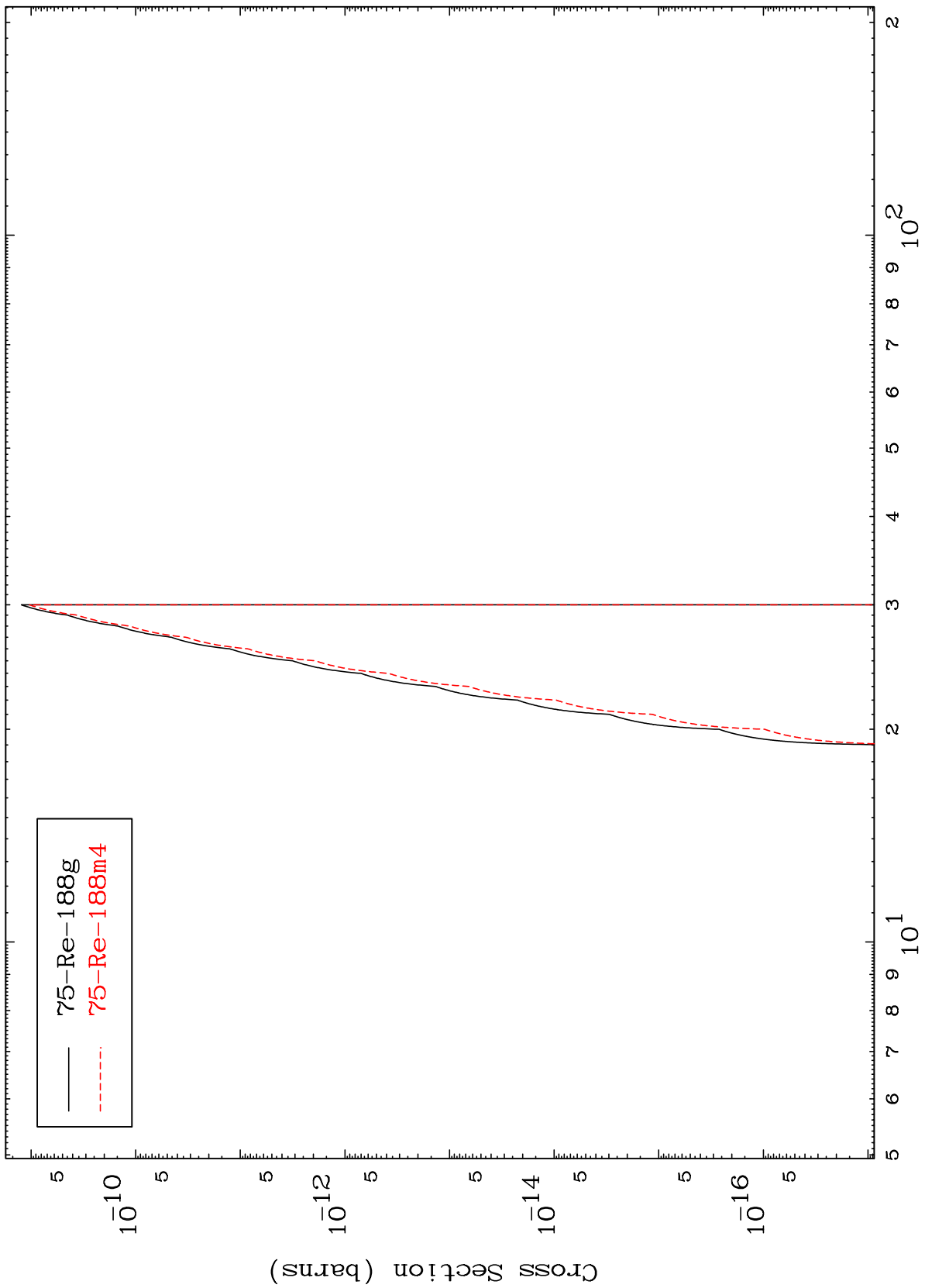
78-Pt-193

MAT 7834

(n,n') p  $\alpha$

78-Pt-193

Radionuclide Production Cross Section



— 75-Re-188g  
- - - 75-Re-188m4

95

Incident Energy (MeV)

78-Pt-193

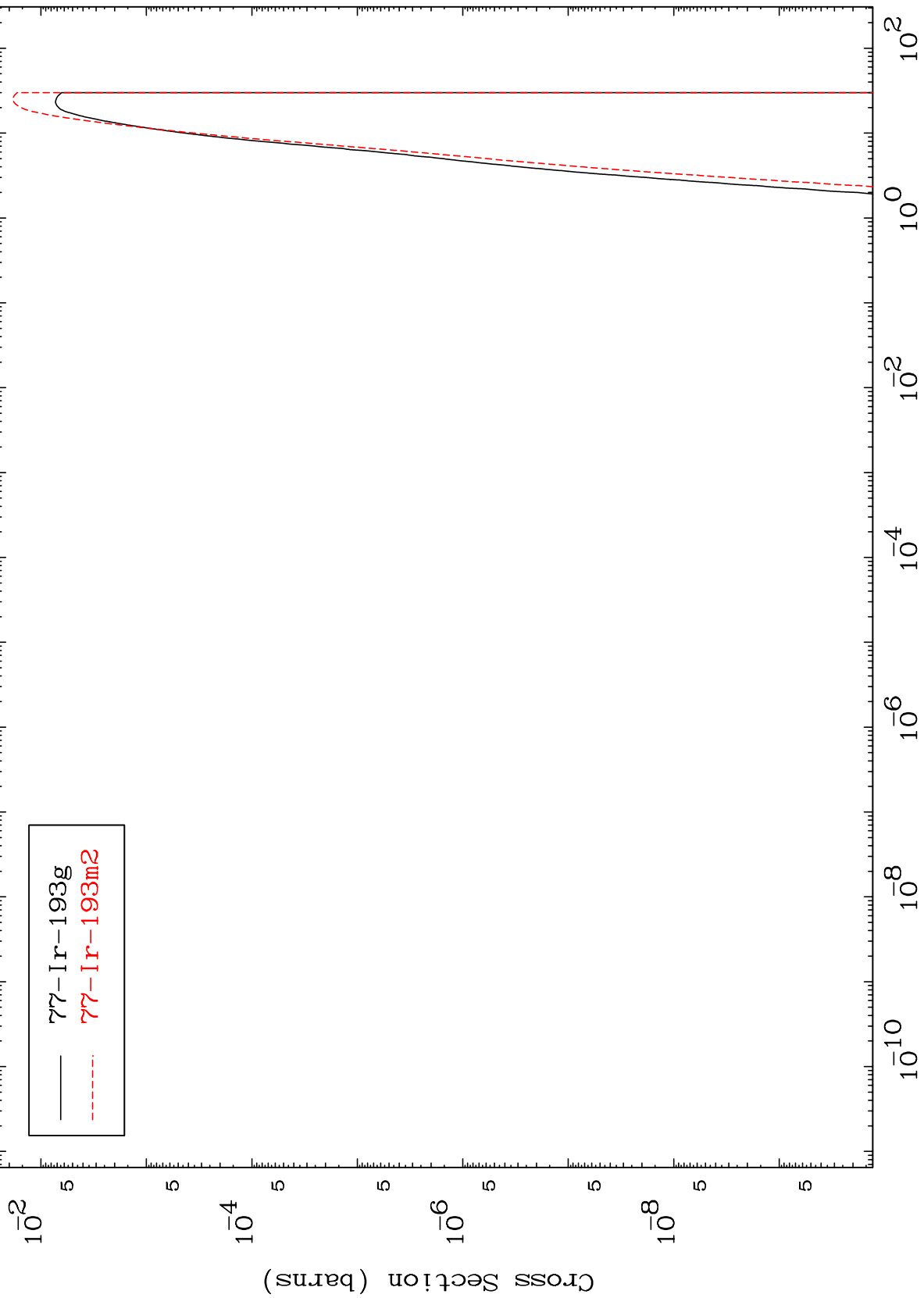


MAT 7834

(n,p)

78-Pt-193

Radionuclide Production Cross Section

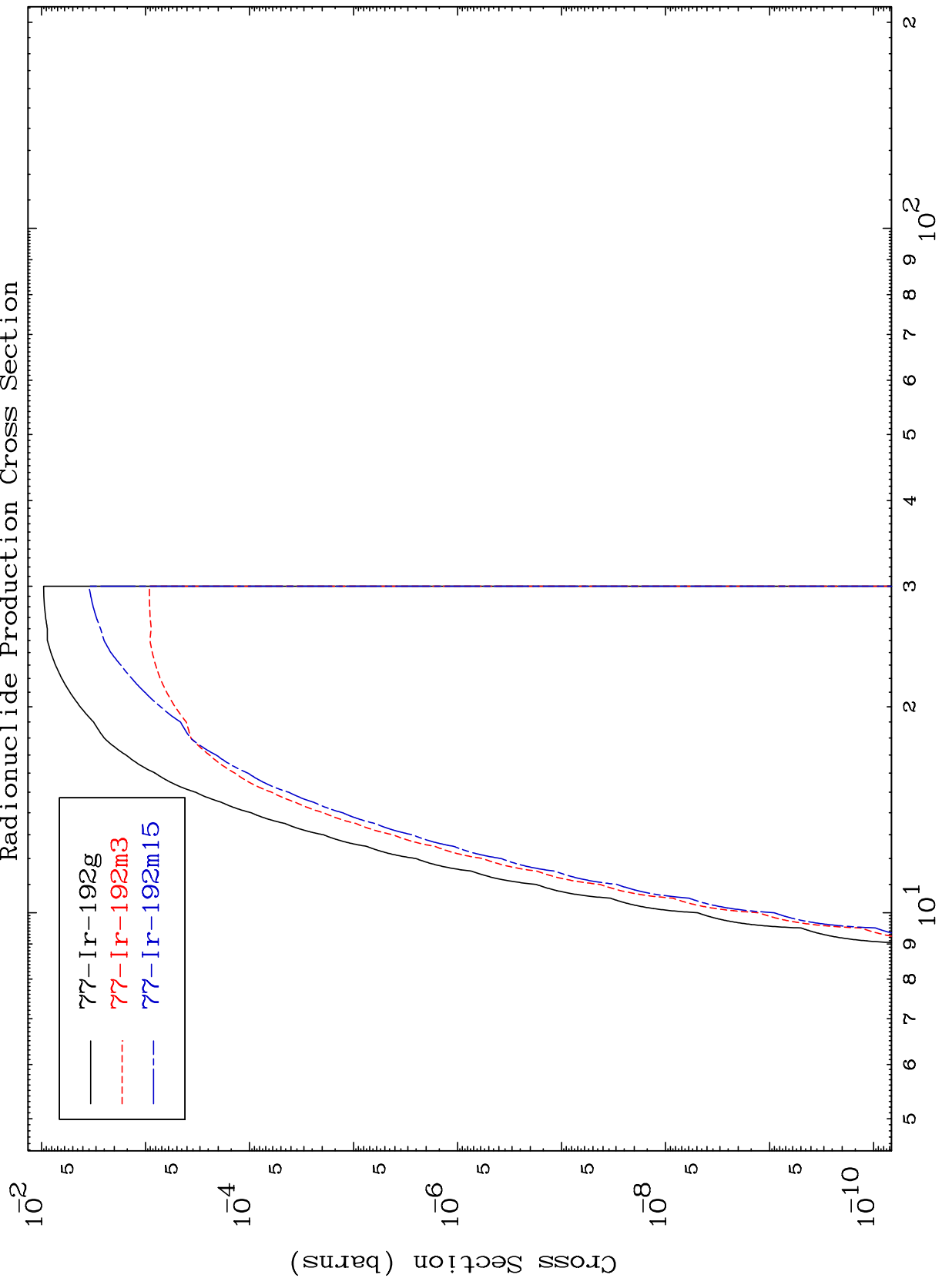


MAT 7834

(n,d)

78-Pt-193

Radionuclide Production Cross Section



97

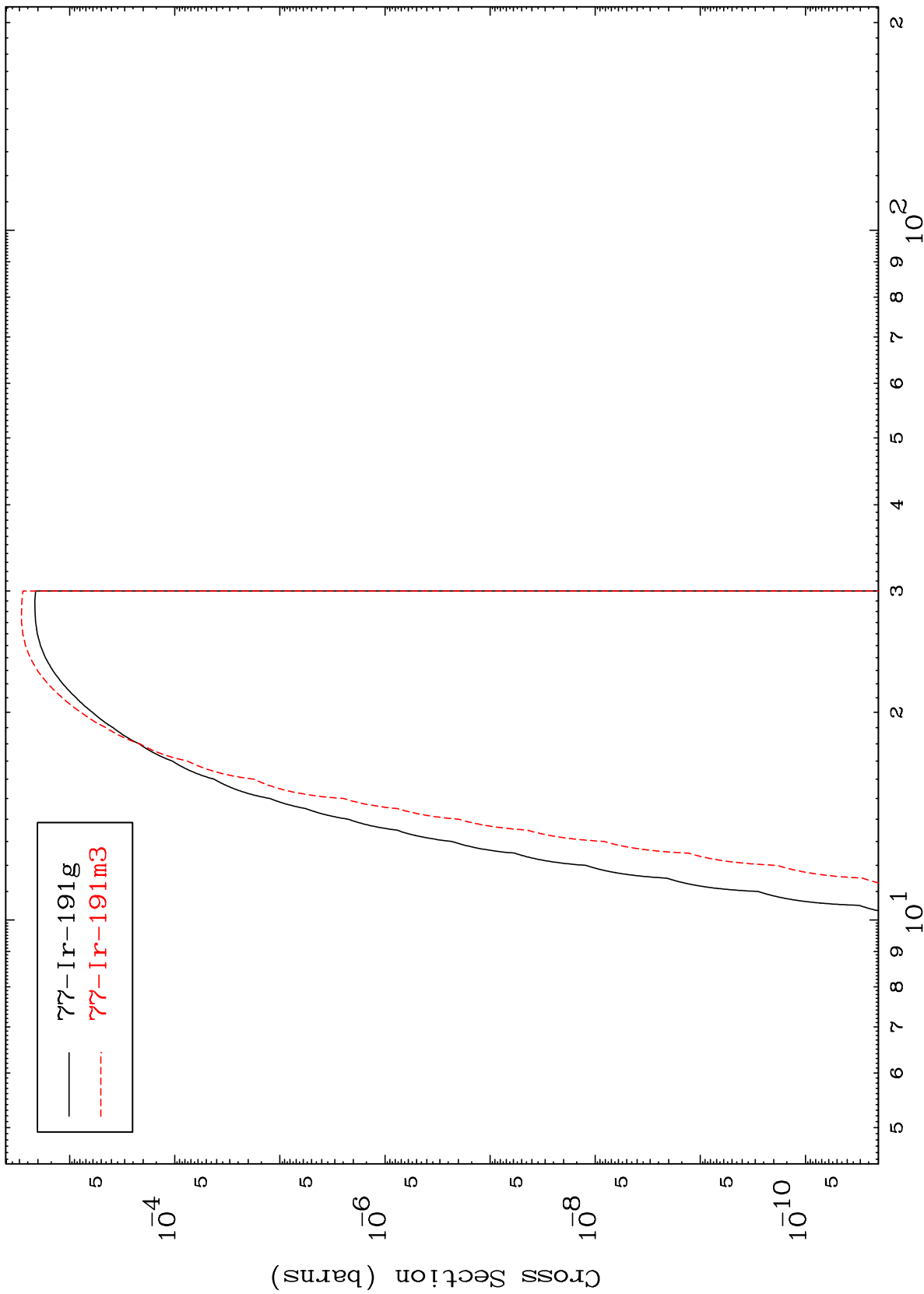
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

(n, t)  
Radionuclide Production Cross Section



98

Incident Energy (MeV)

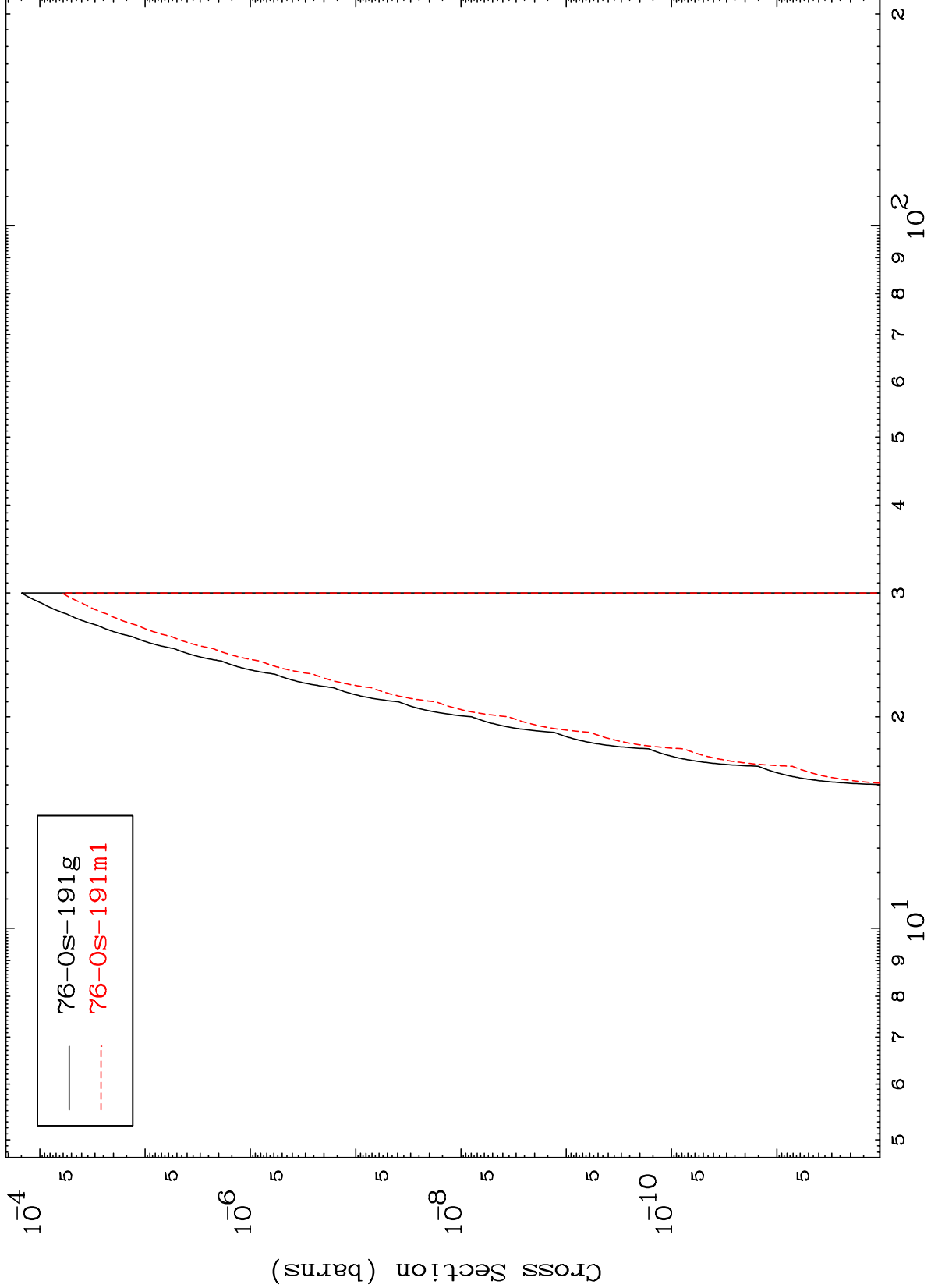
78-Pt-193

MAT 7834

(n,He-3)

78-Pt-193

Radionuclide Production Cross Section



76-Os-191g  
76-Os-191m1

99

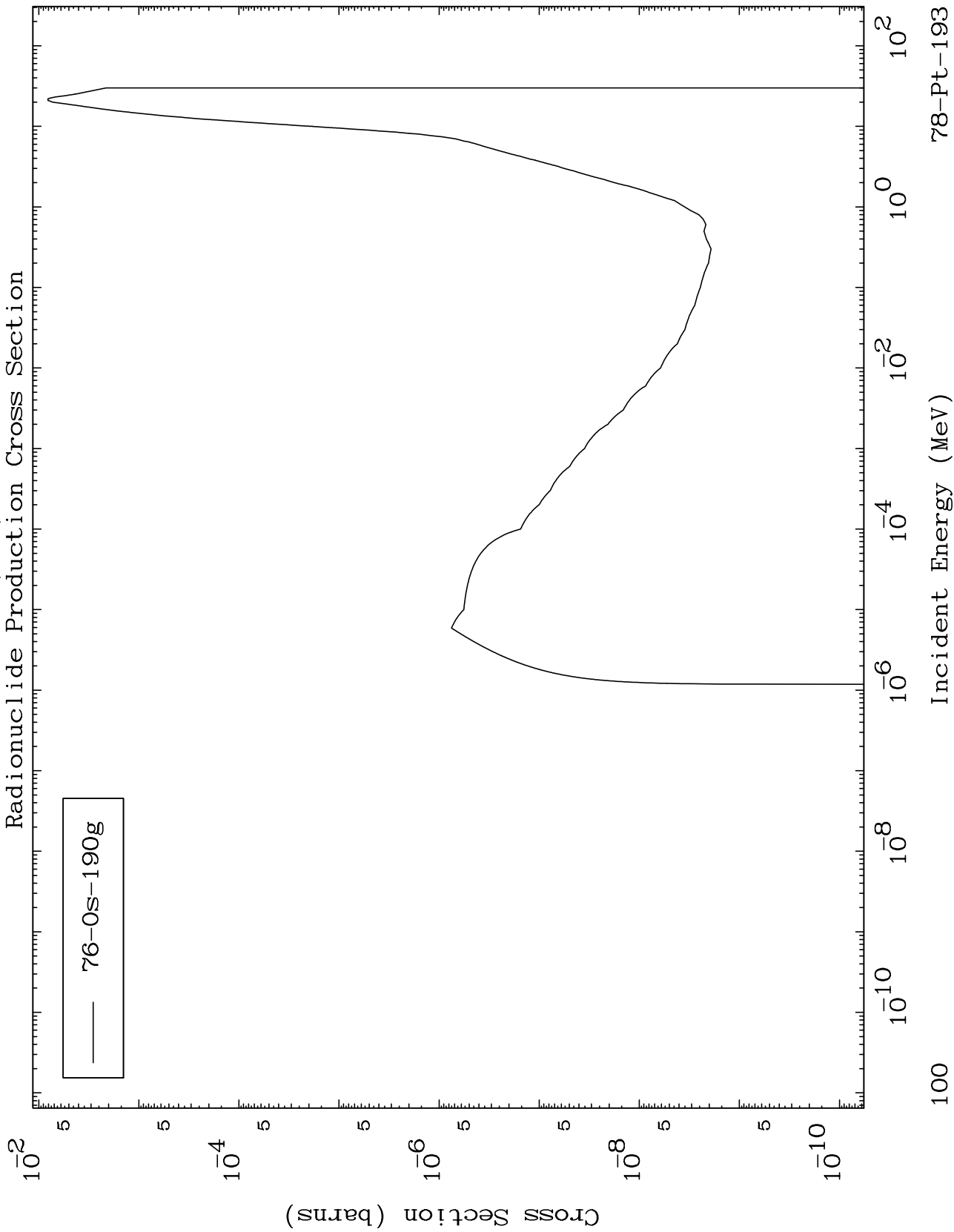
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

(n,  $\alpha$ )  
Radionuclide Production Cross Section



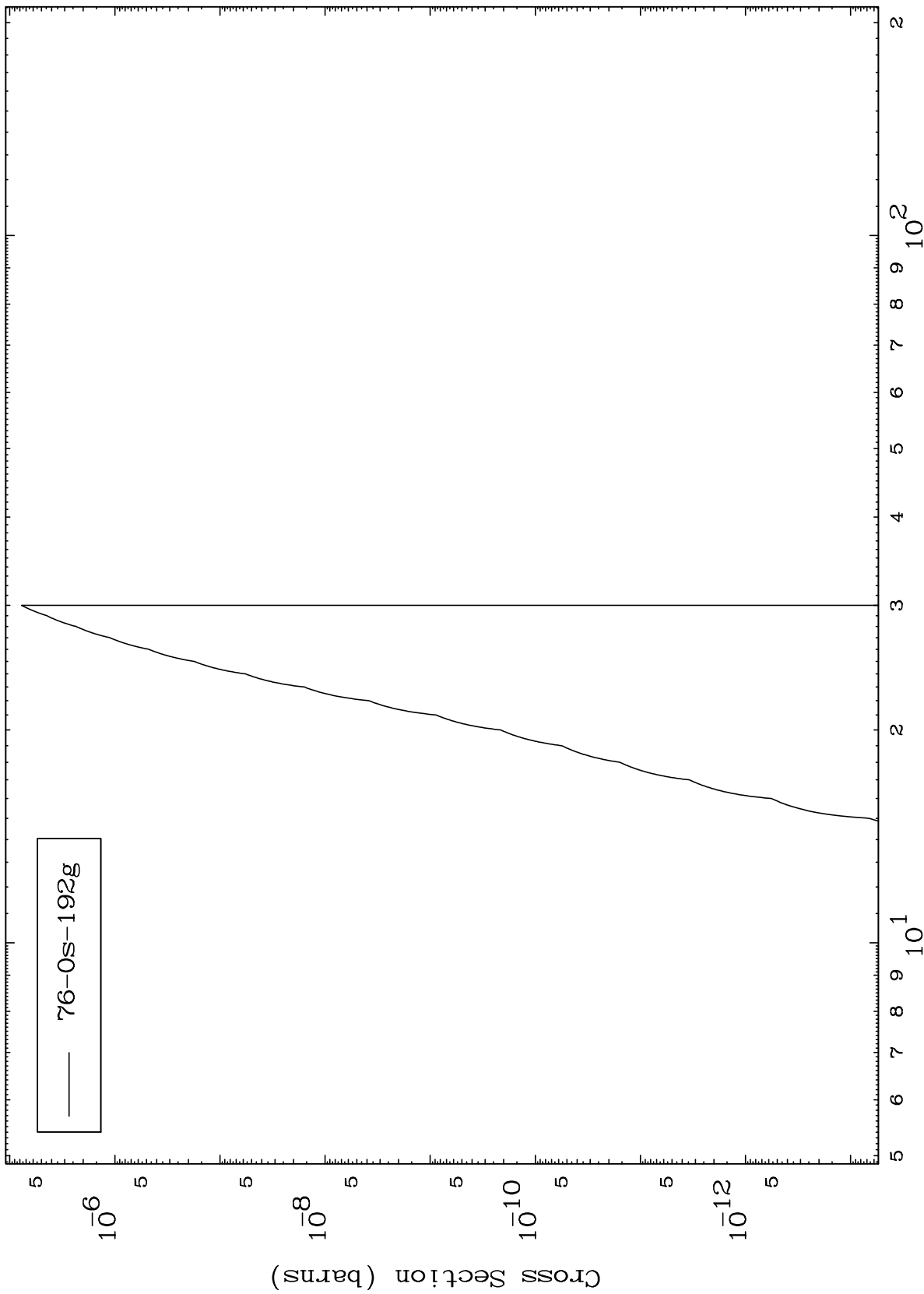
100

78-Pt-193

MAT 7834

78-Pt-193

(n,2p)  
Radionuclide Production Cross Section



101

Incident Energy (MeV)

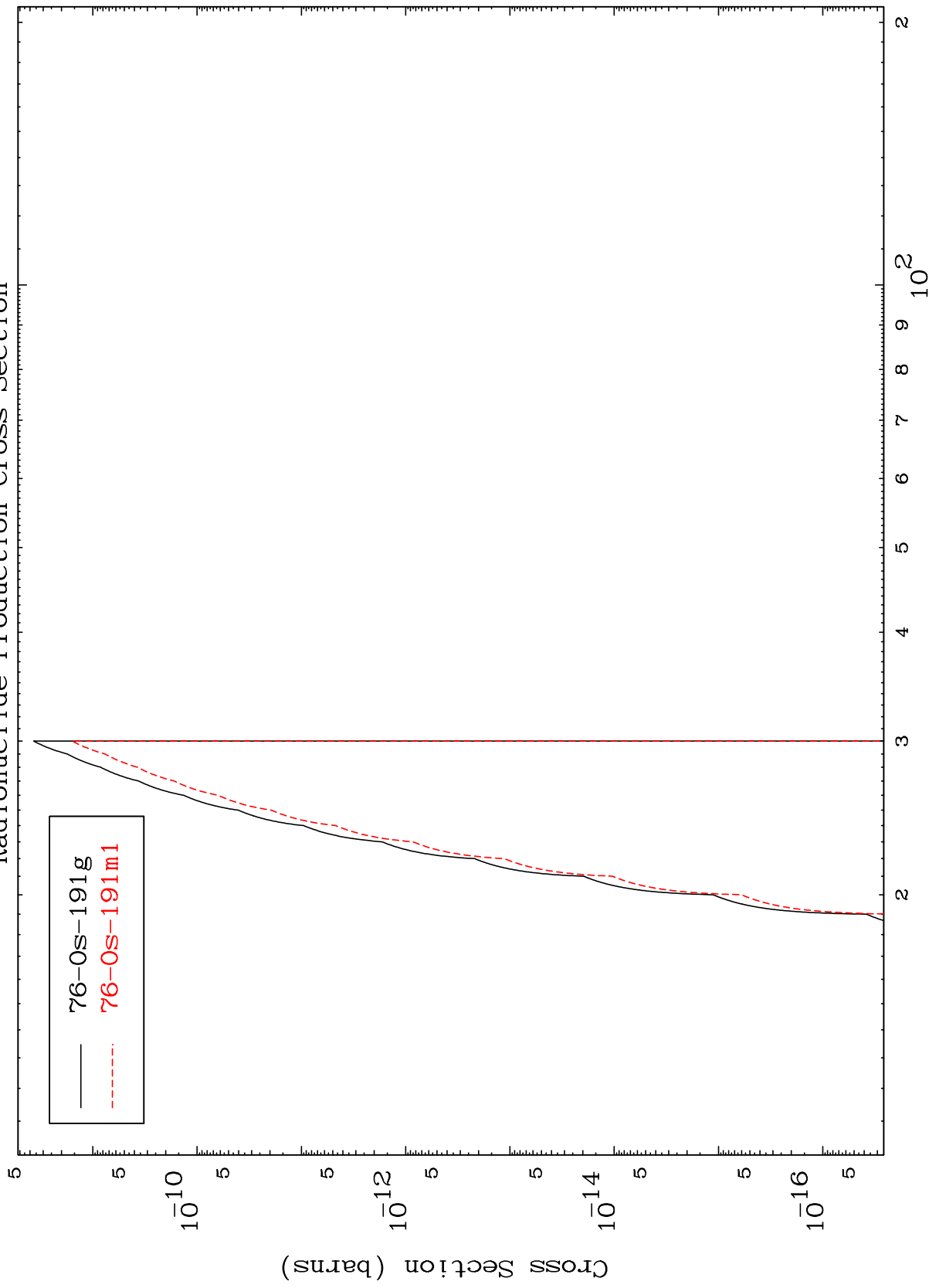
78-Pt-193

MAT 7834

(n,p) d

78-Pt-193

Radionuclide Production Cross Section



102

Incident Energy (MeV)

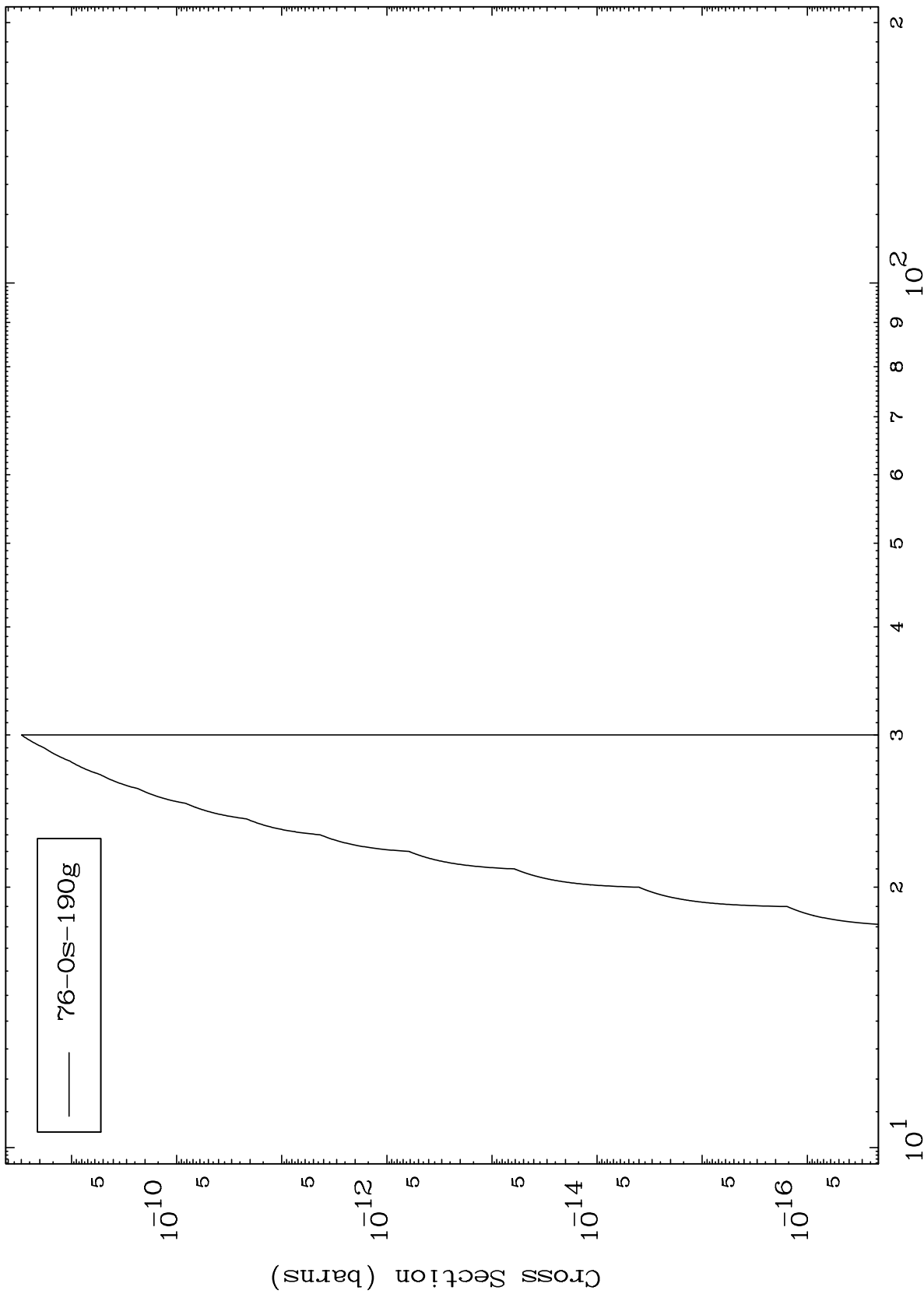
78-Pt-193

MAT 7834

(n,p) t

78-Pt-193

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-193

103