

Program EVALPLOT
(Version 2017-1)

by

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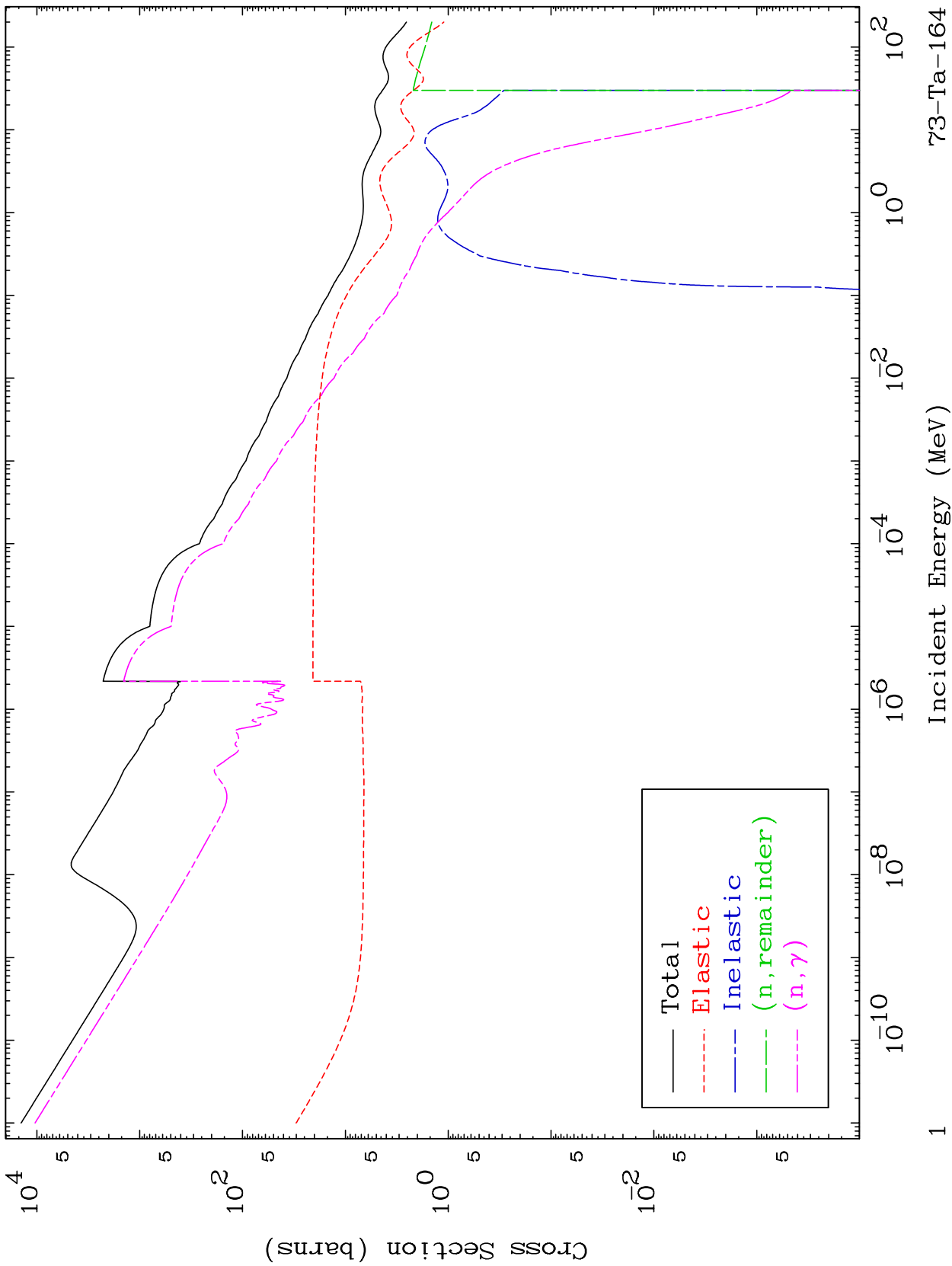
Press Mouse Button to Start

MAT 7277

Major

293 Kelvin Cross Sections

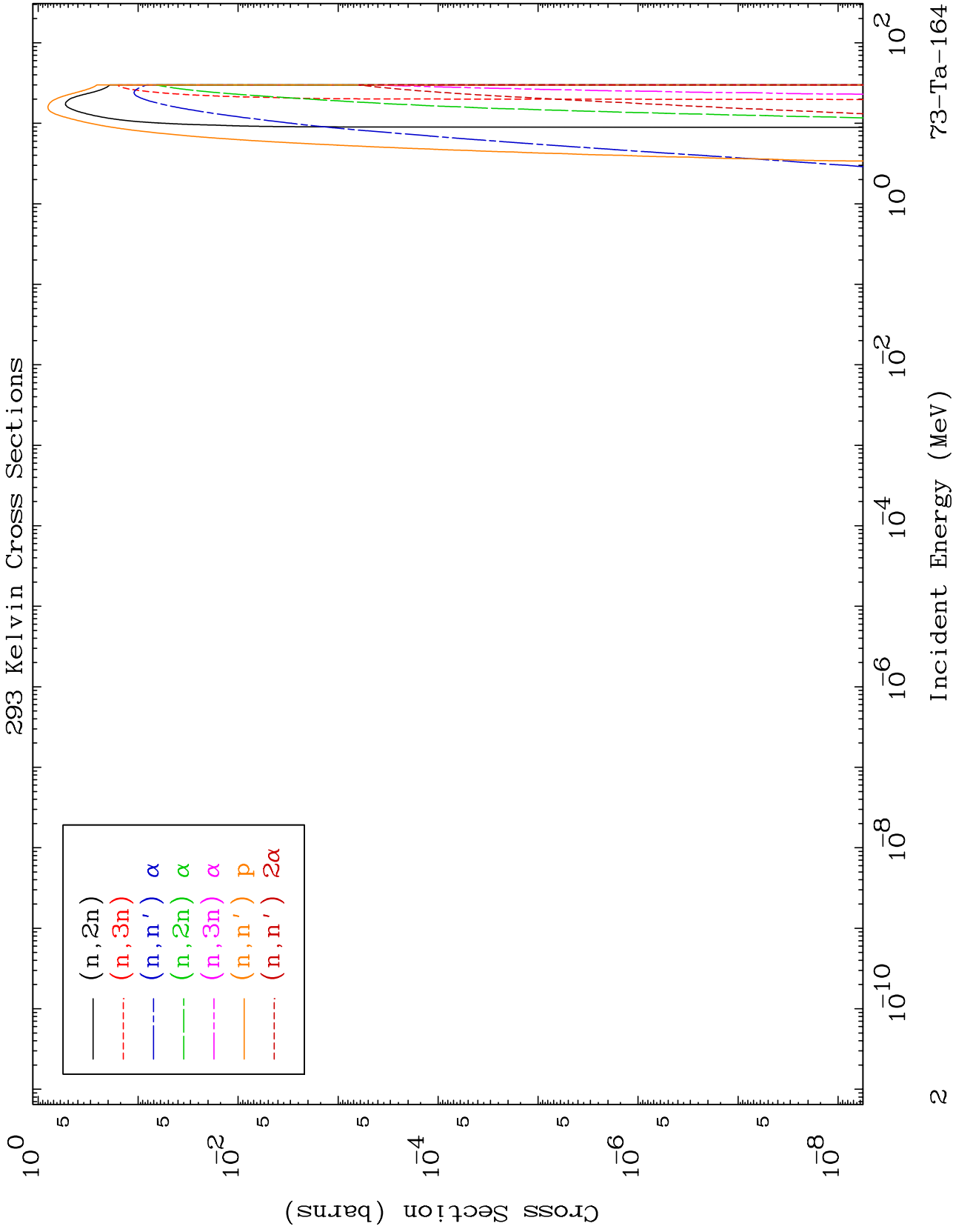
73-Ta-164



MAT 7277

Neutron Production
293 Kelvin Cross Sections

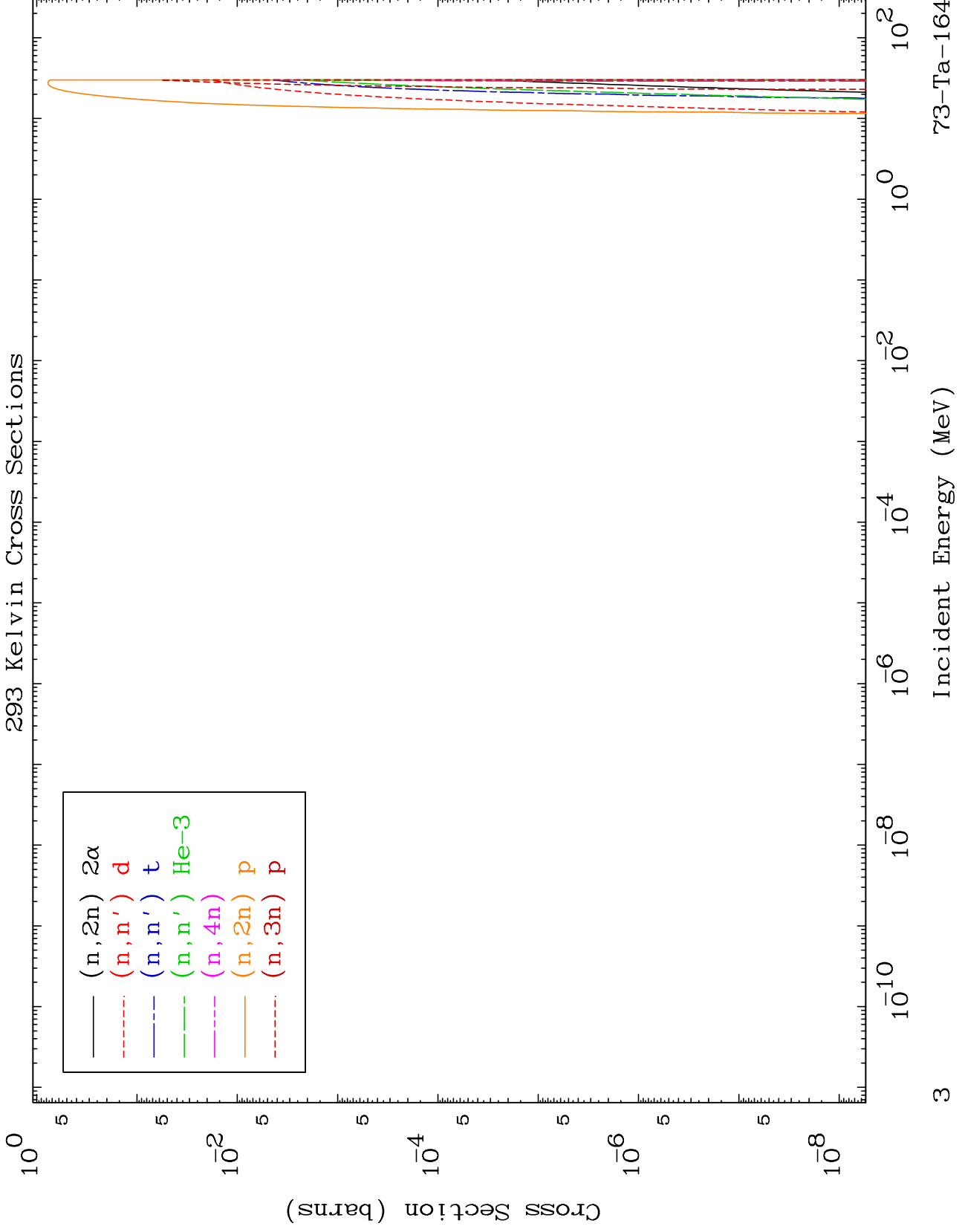
73-Ta-164



MAT 7277

Neutron Production
293 Kelvin Cross Sections

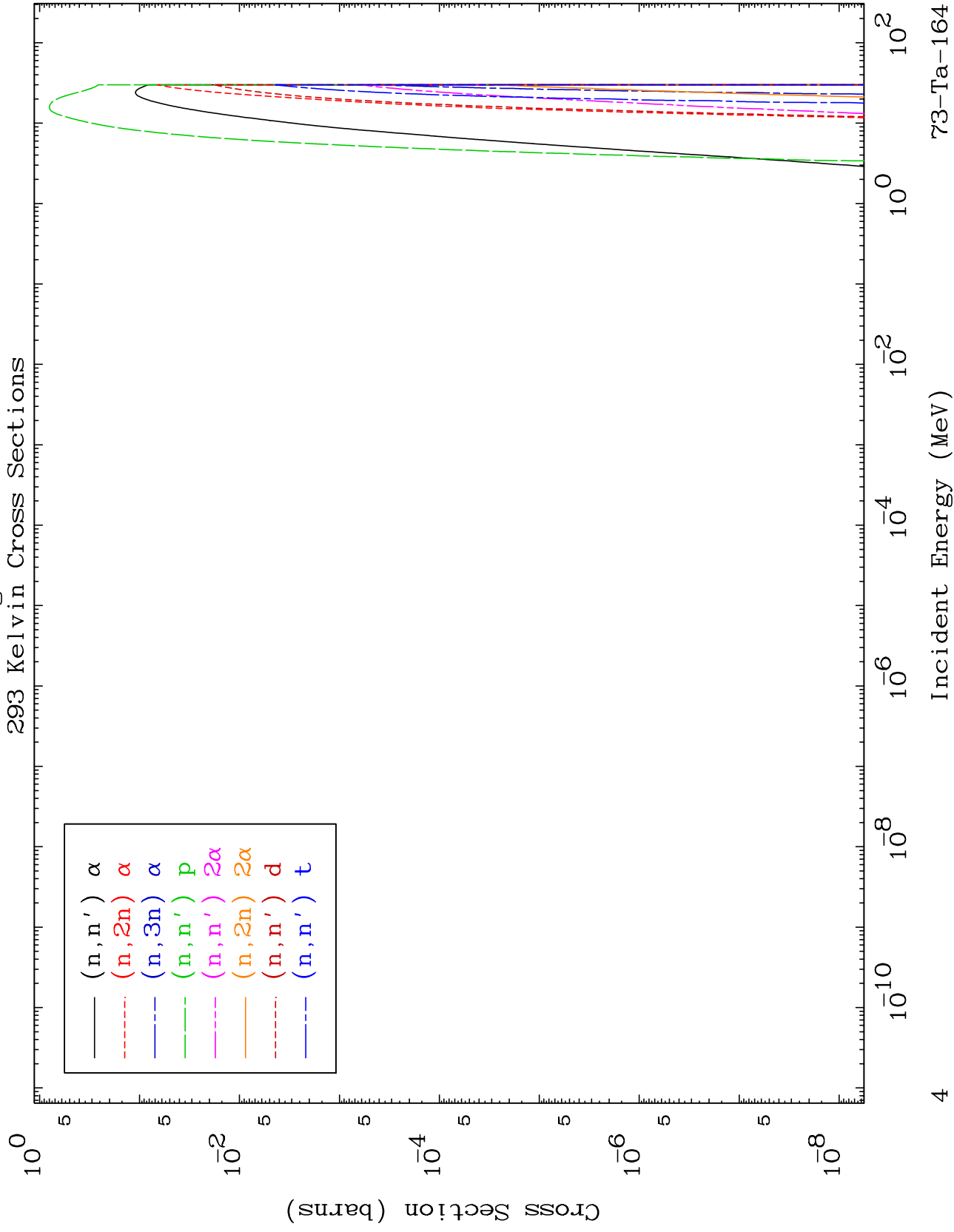
73-Ta-164



MAT 7277

Charged Particle
293 Kelvin Cross Sections

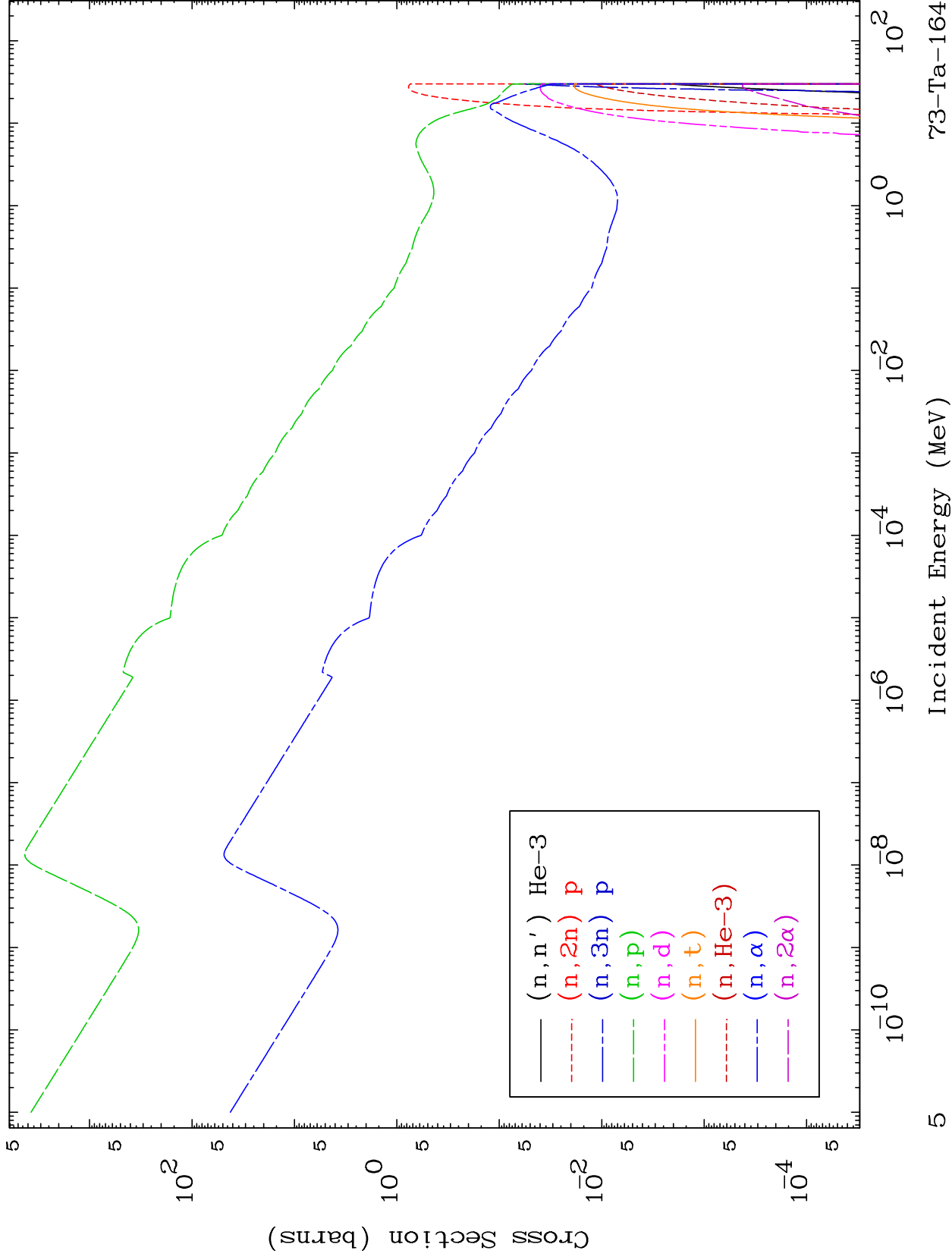
73-Ta-164



MAT 7277

Charged Particle
293 Kelvin Cross Sections

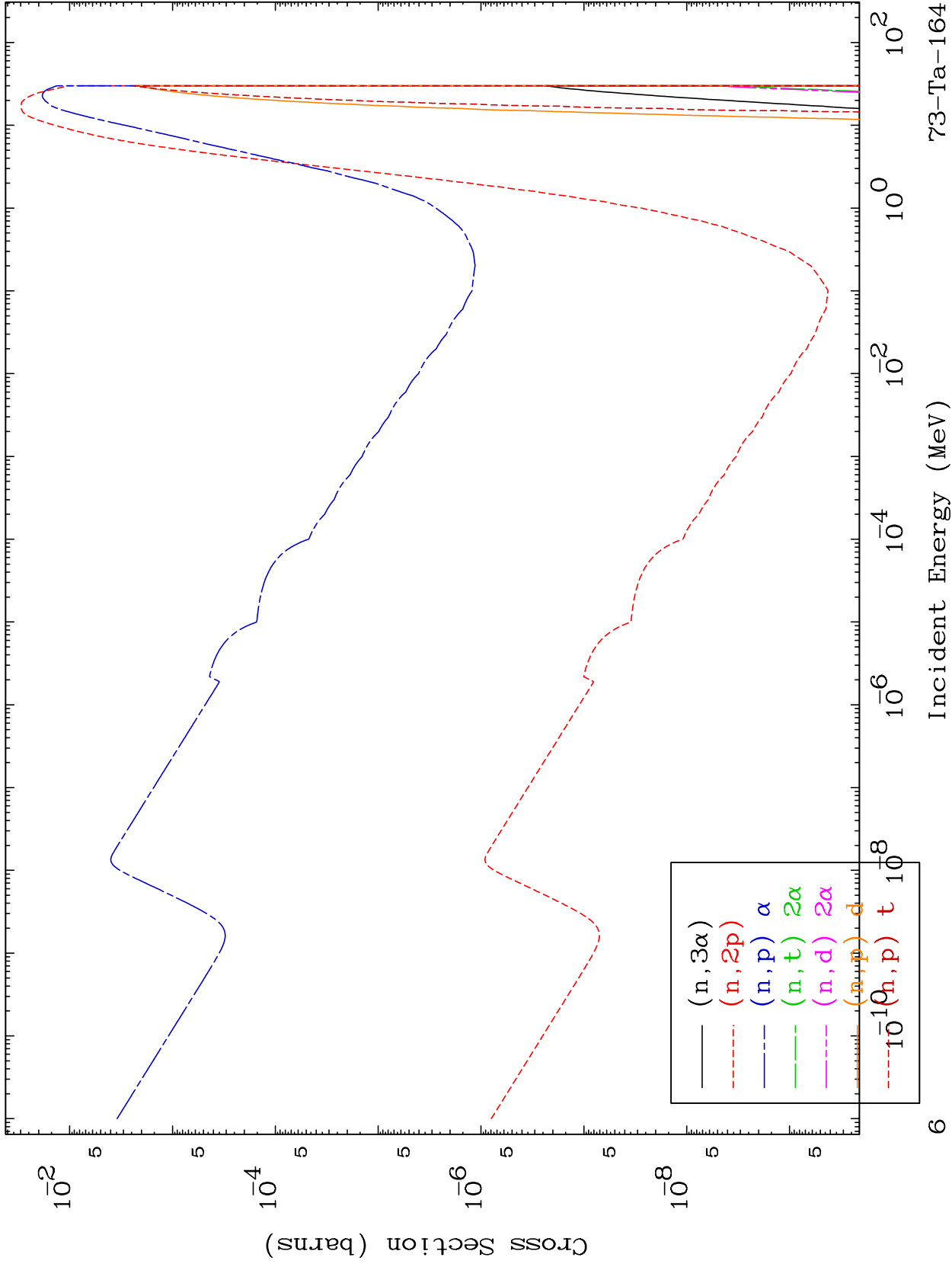
73-Ta-164



MAT 7277

Charged Particle
293 Kelvin Cross Sections

73-Ta-164



73-Ta-164

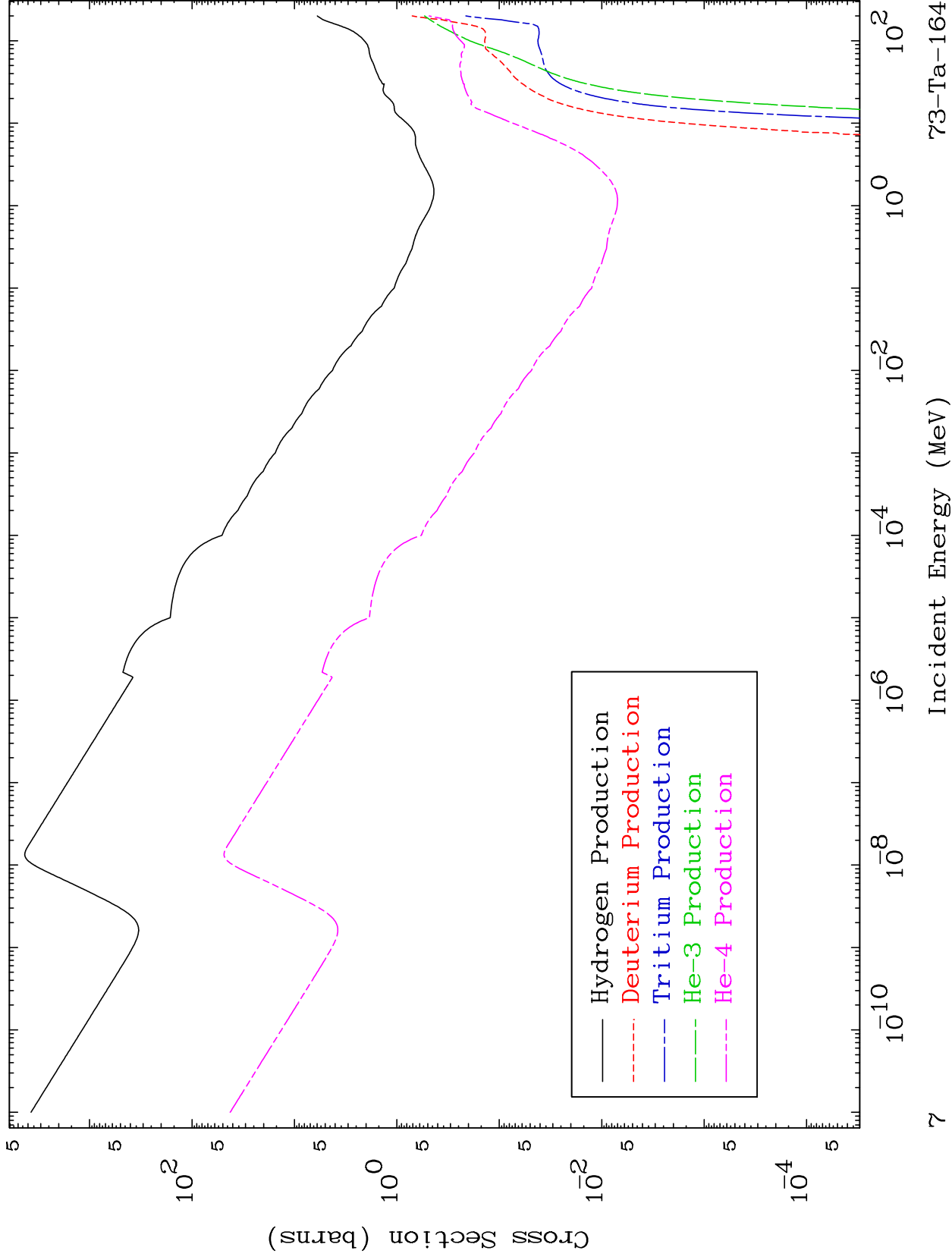
Incident Energy (MeV)

6

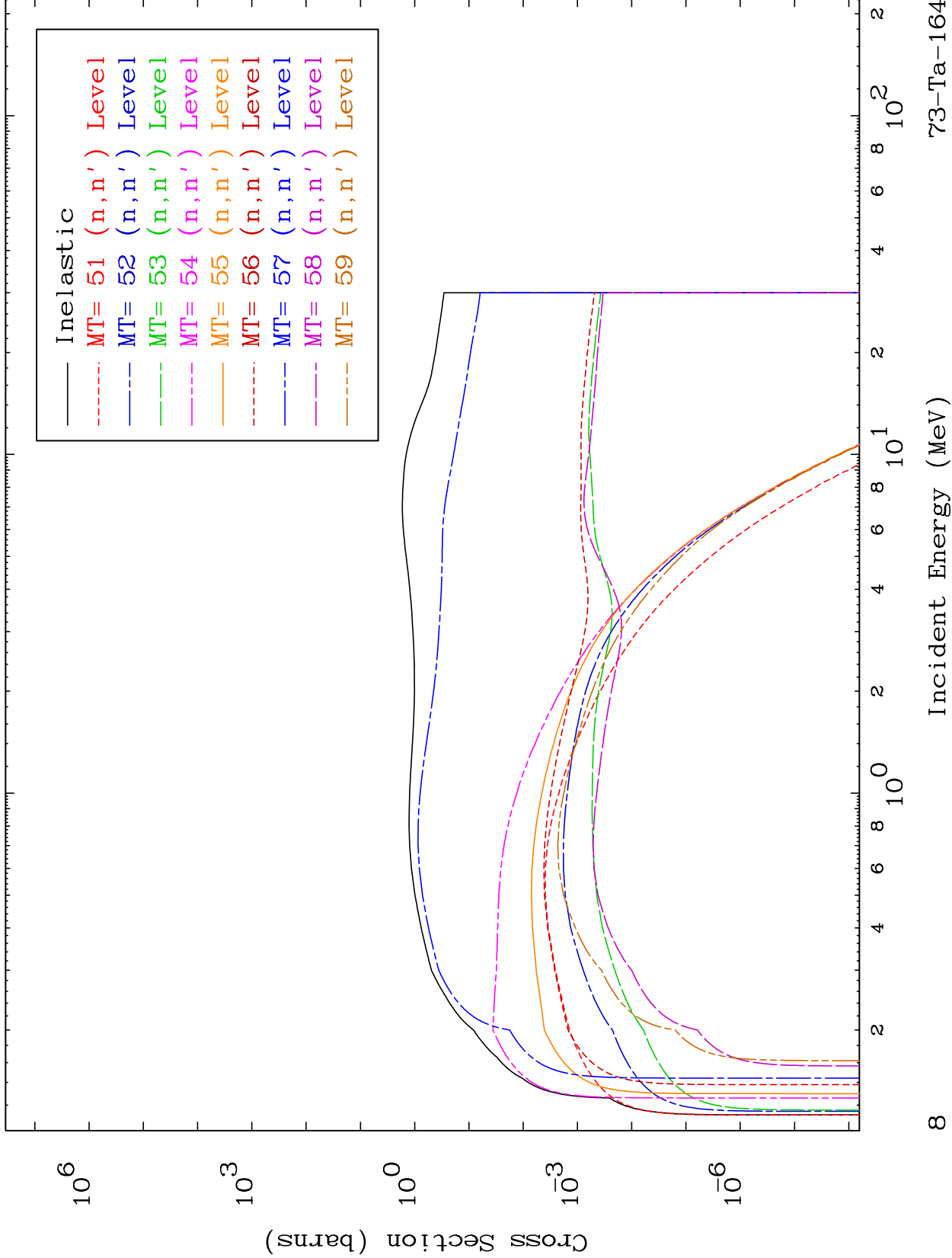
MAT 7277

Particle Production
293 Kelvin Cross Sections

73-Ta-164



293 Kelvin Cross Sections

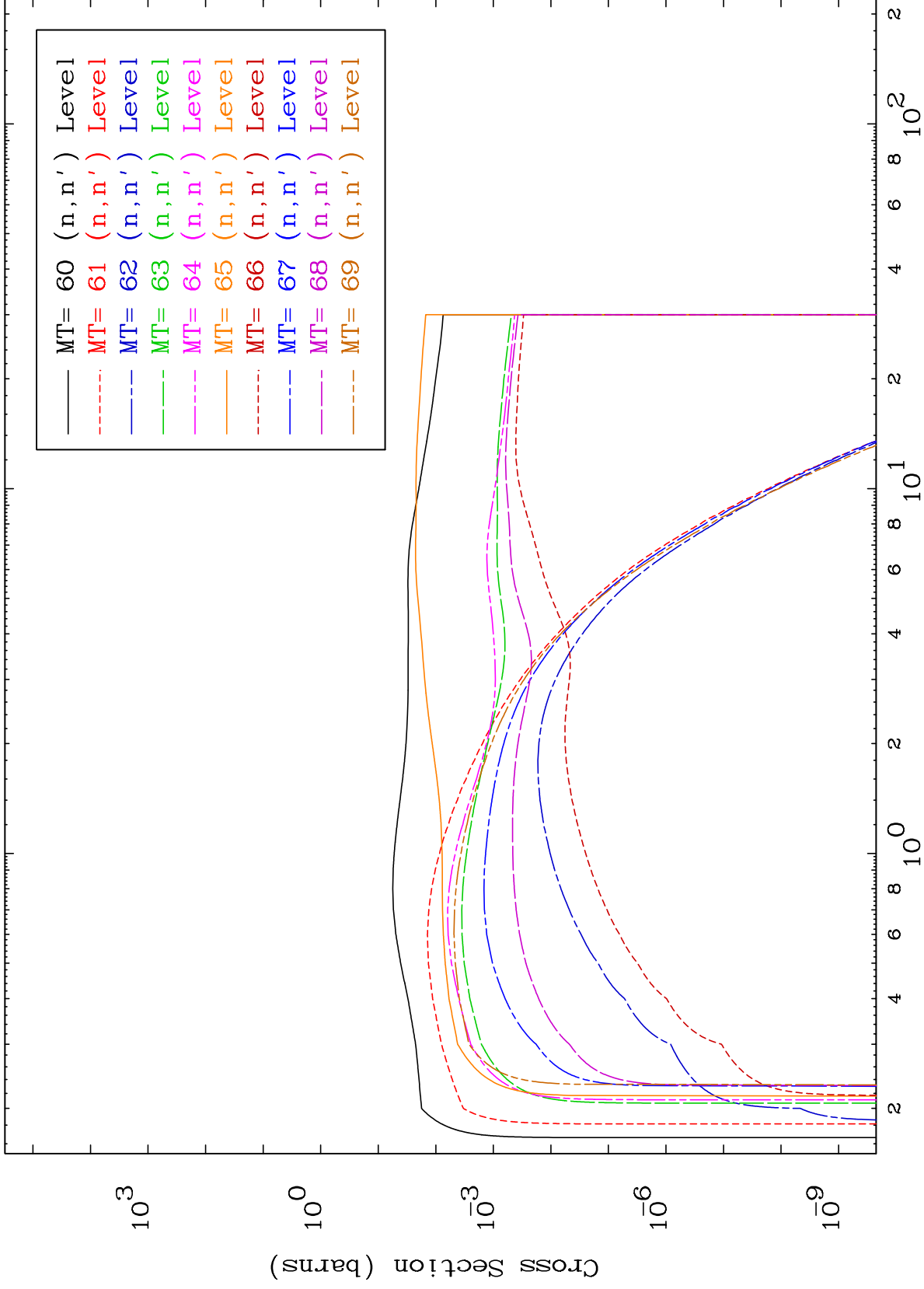


MAT 7277

(n,n') Level

73-Ta-164

293 Kelvin Cross Sections



9

Incident Energy (MeV)

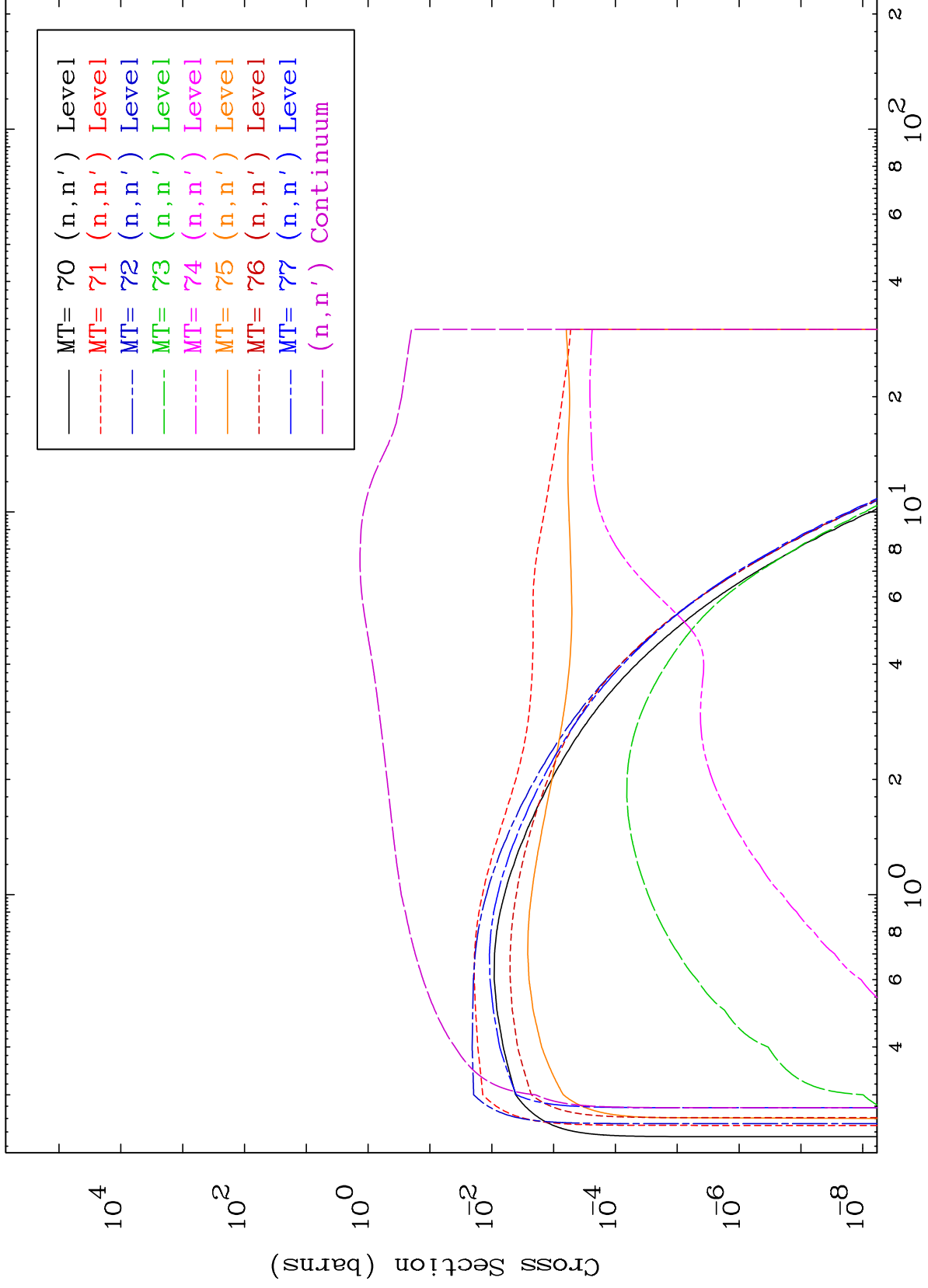
73-Ta-164

MAT 7277

(n,n') Level

73-Ta-164

293 Kelvin Cross Sections



10

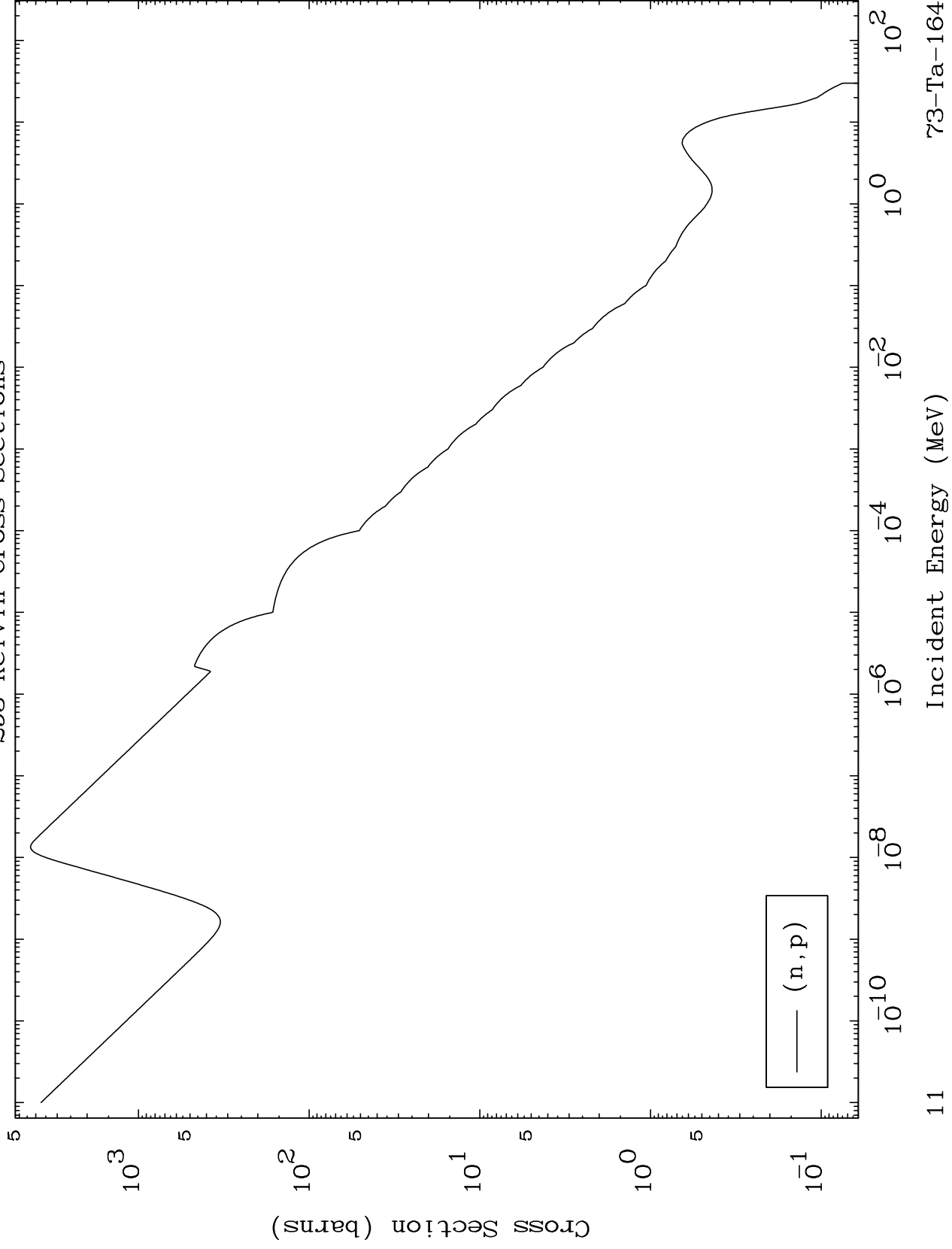
Incident Energy (MeV)

73-Ta-164

MAT 7277

(n,p) Levels
293 Kelvin Cross Sections

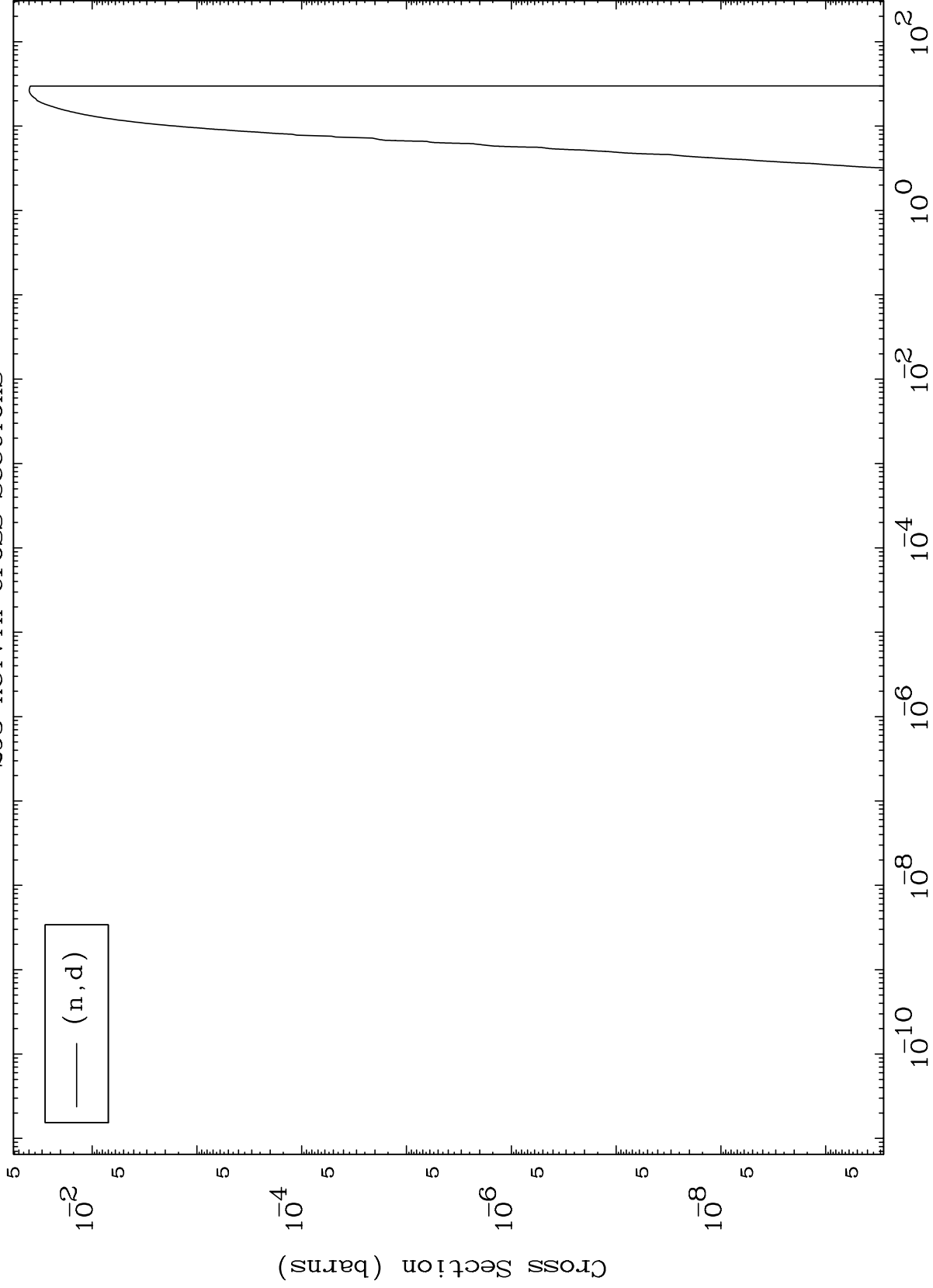
73-Ta-164



MAT 7277

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-164



12

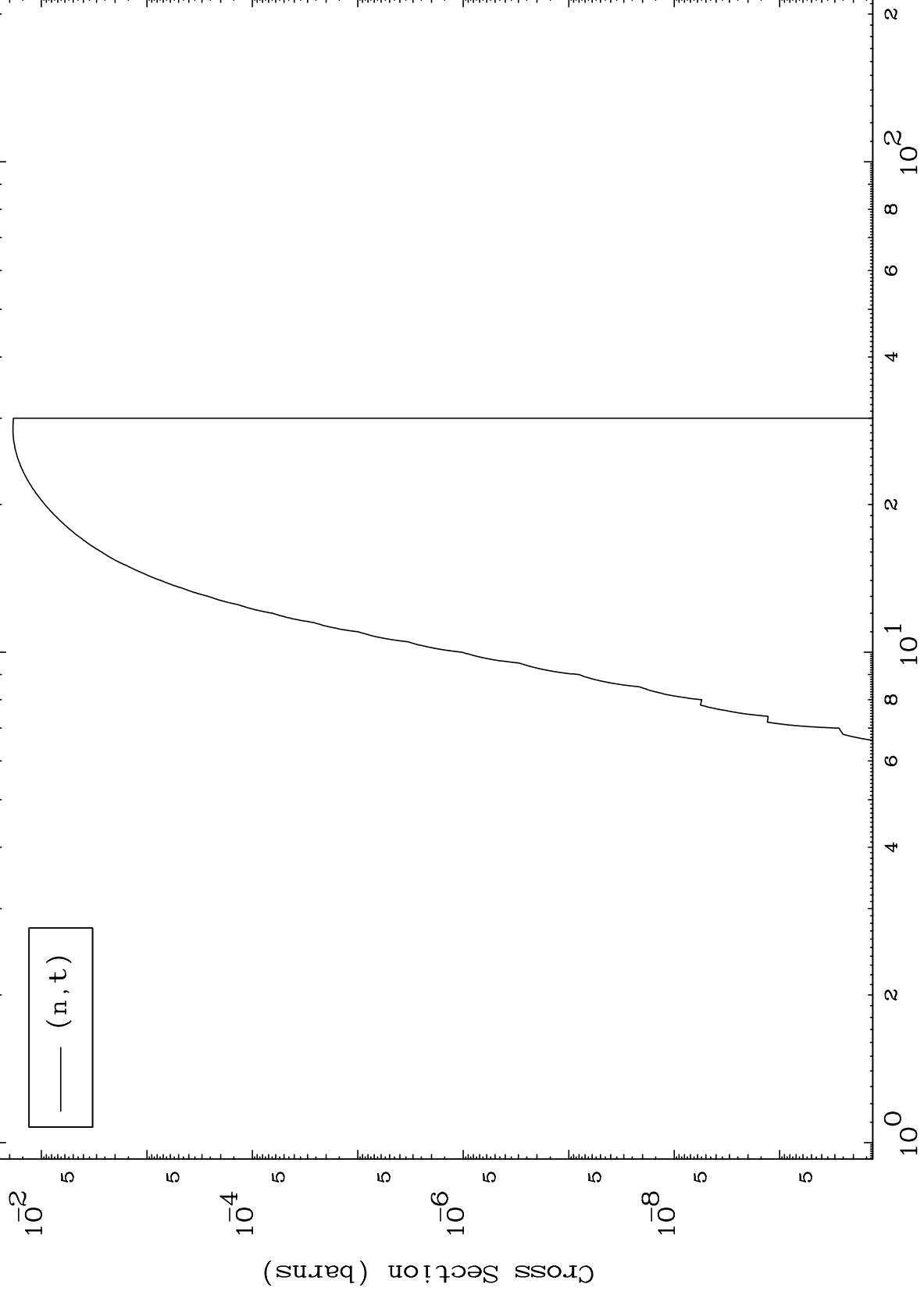
Incident Energy (MeV)

73-Ta-164

MAT 7277

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-164



Incident Energy (MeV)

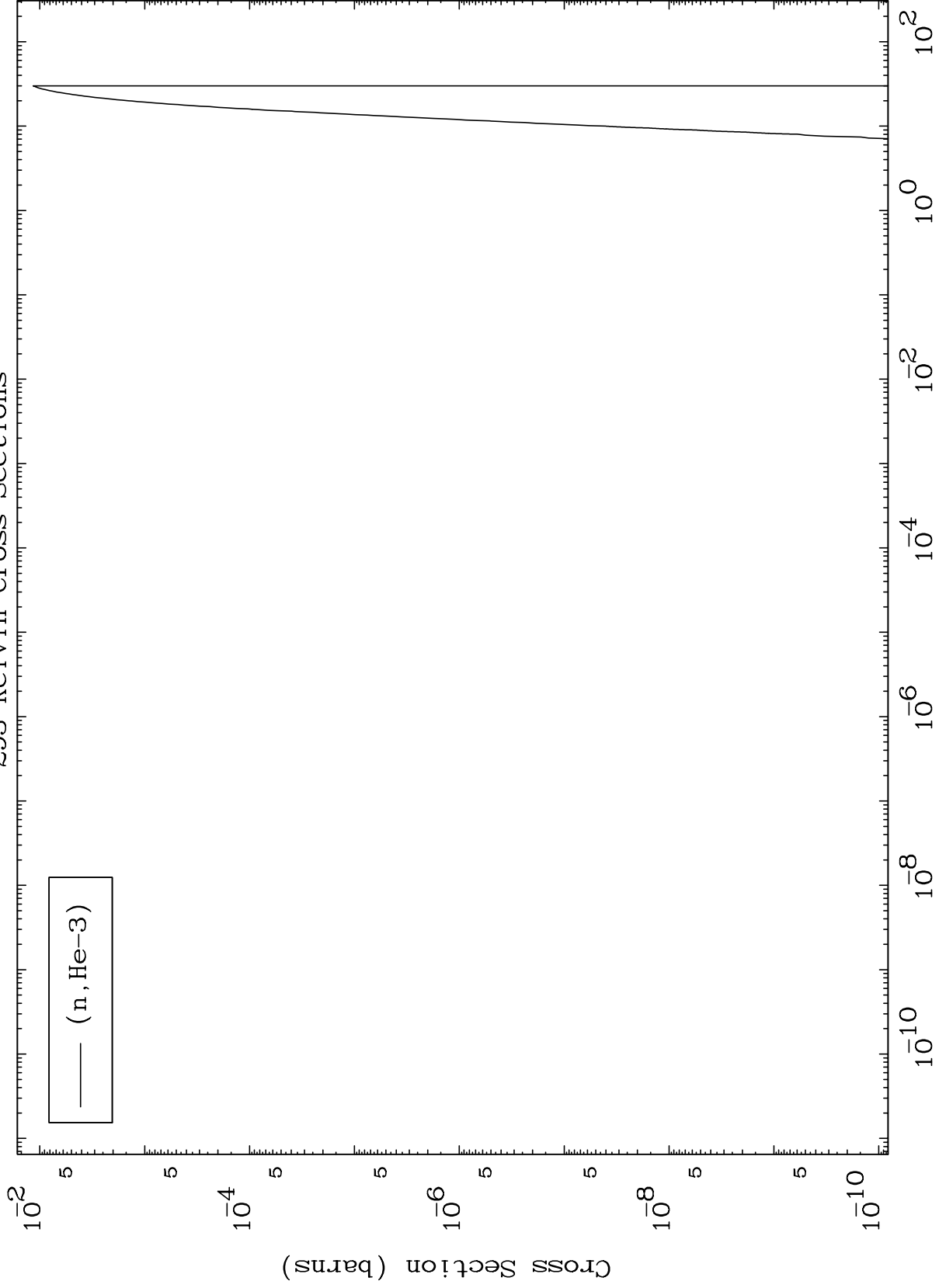
73-Ta-164

13

MAT 7277

(n,He3) Levels
293 Kelvin Cross Sections

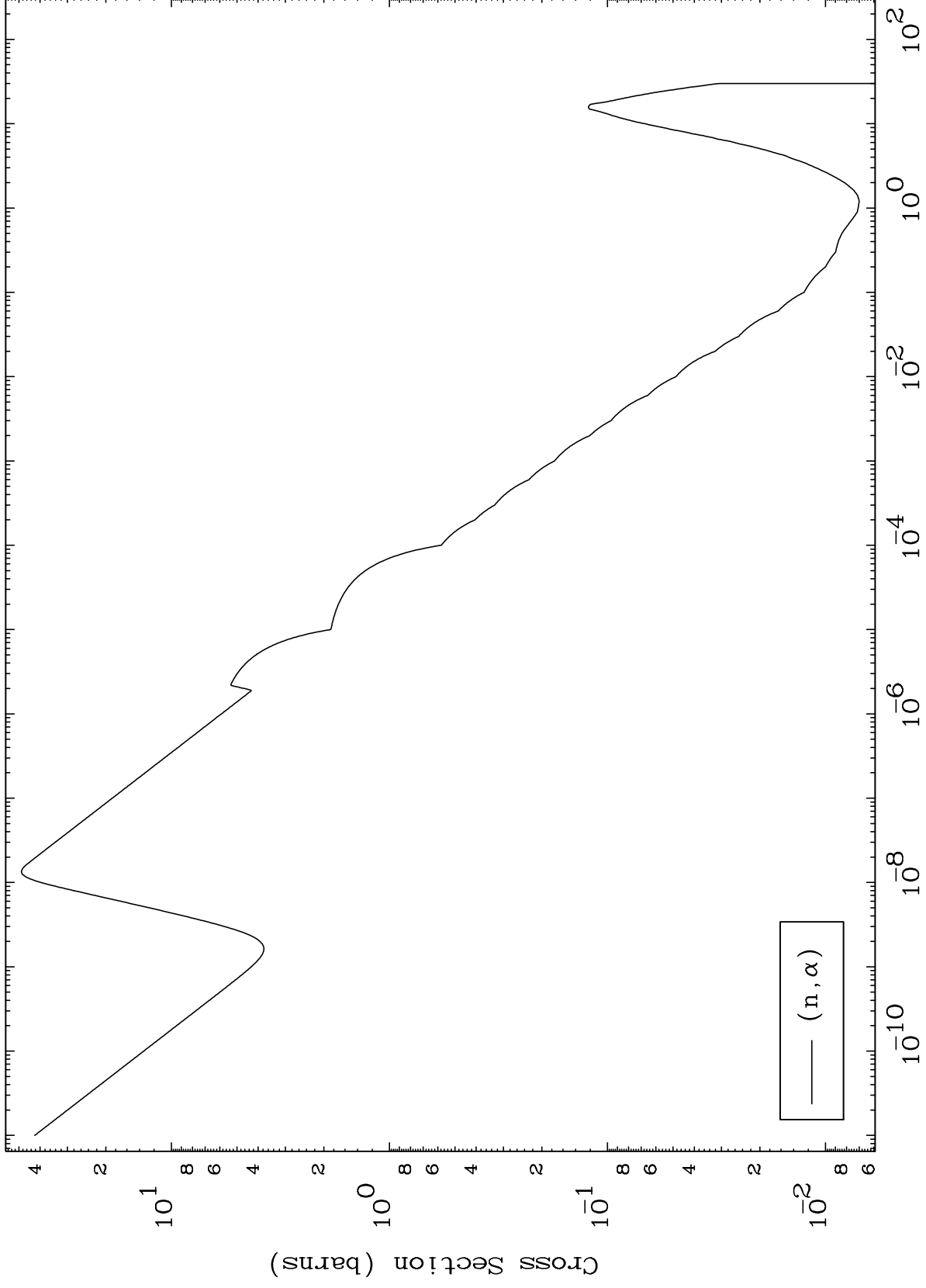
73-Ta-164



MAT 7277

(n,α) Levels
293 Kelvin Cross Sections

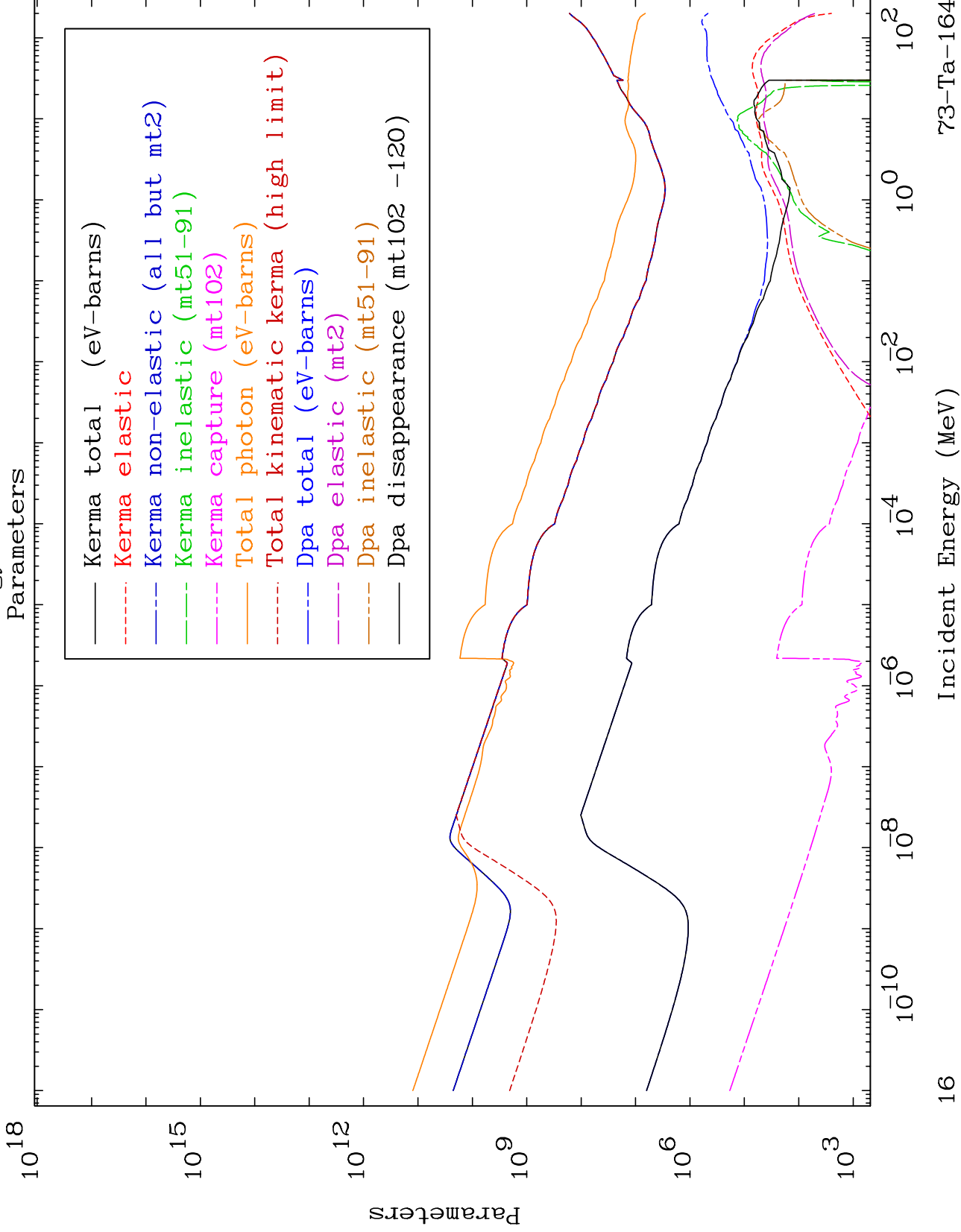
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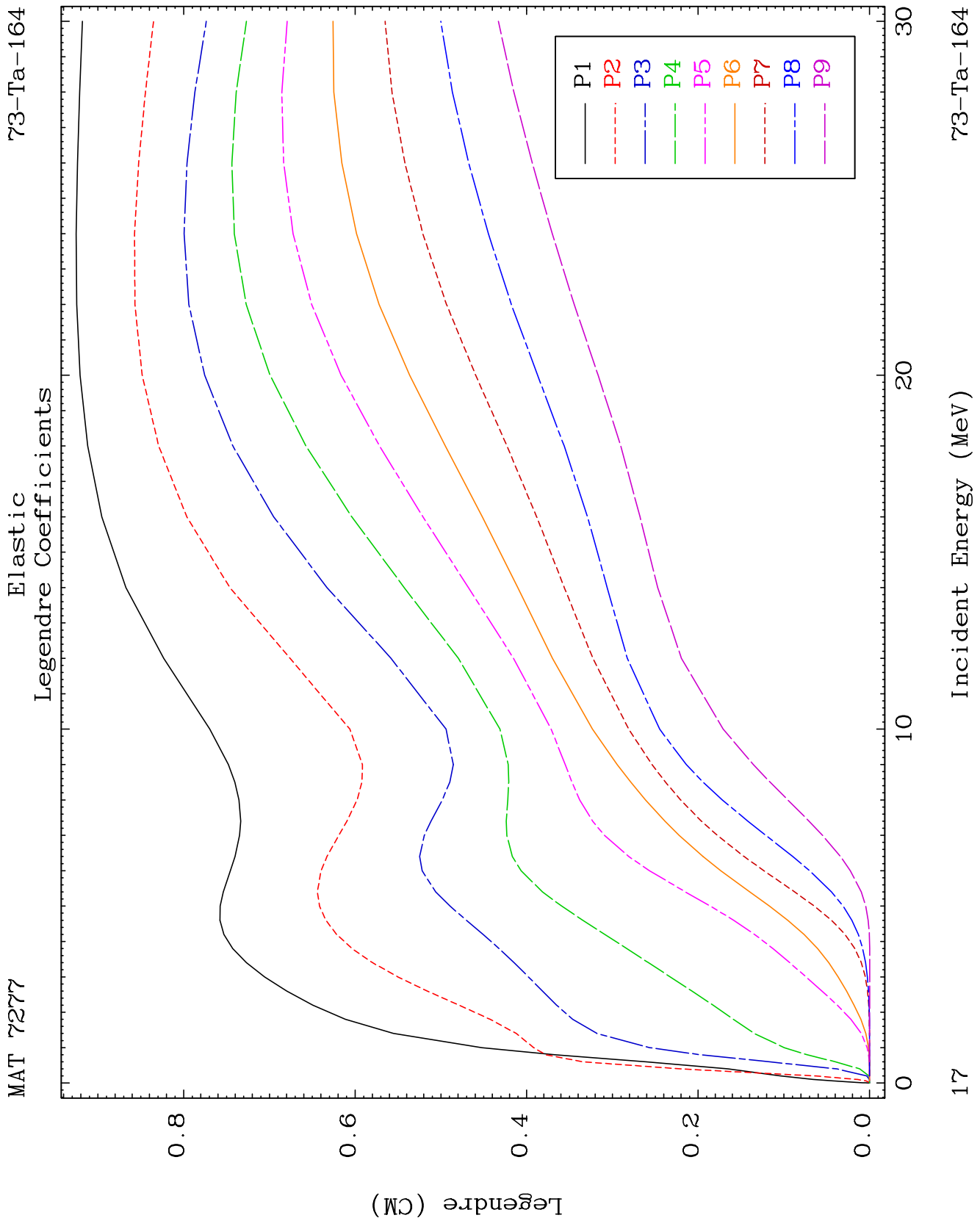


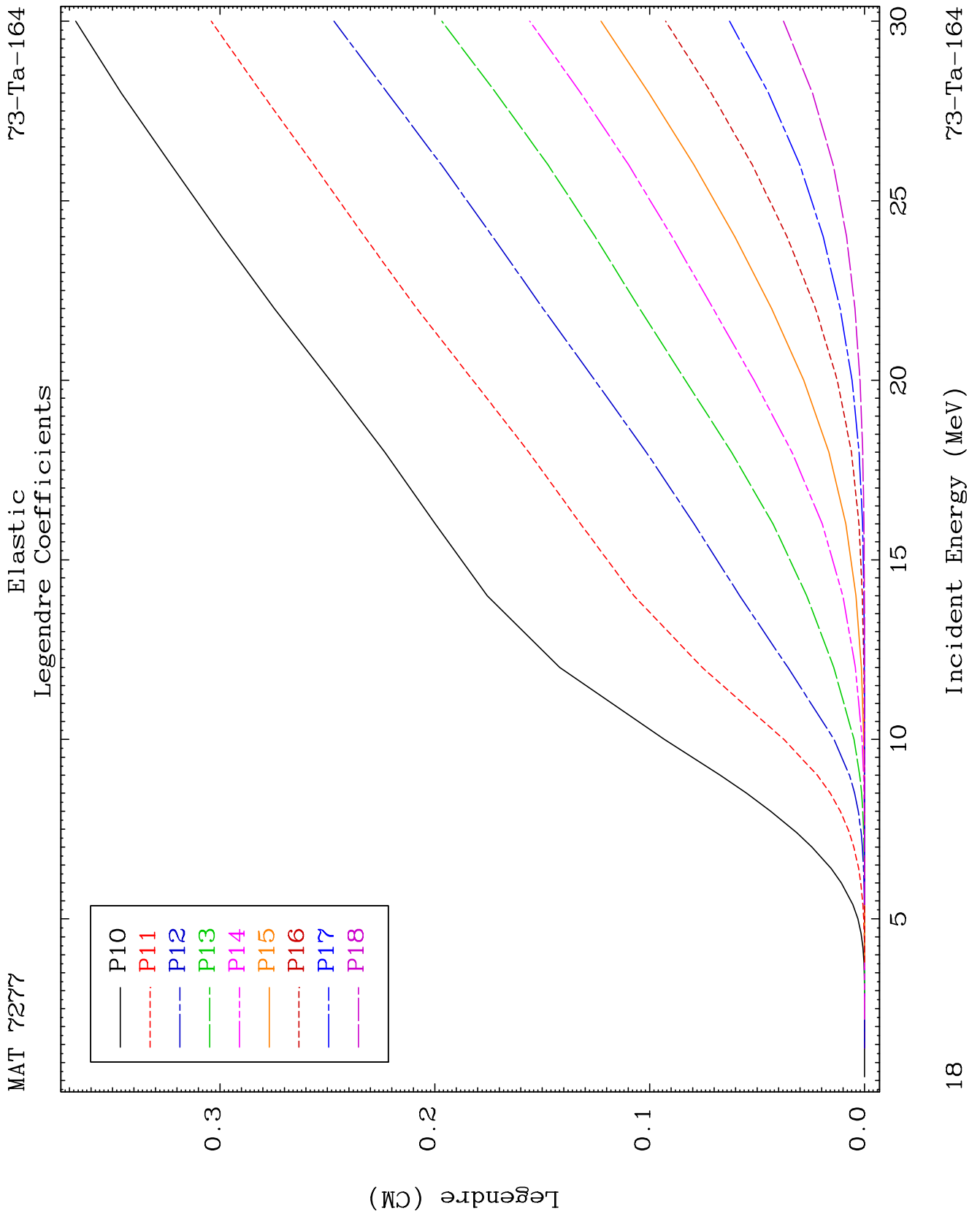
15

Incident Energy (MeV)

73-Ta-164



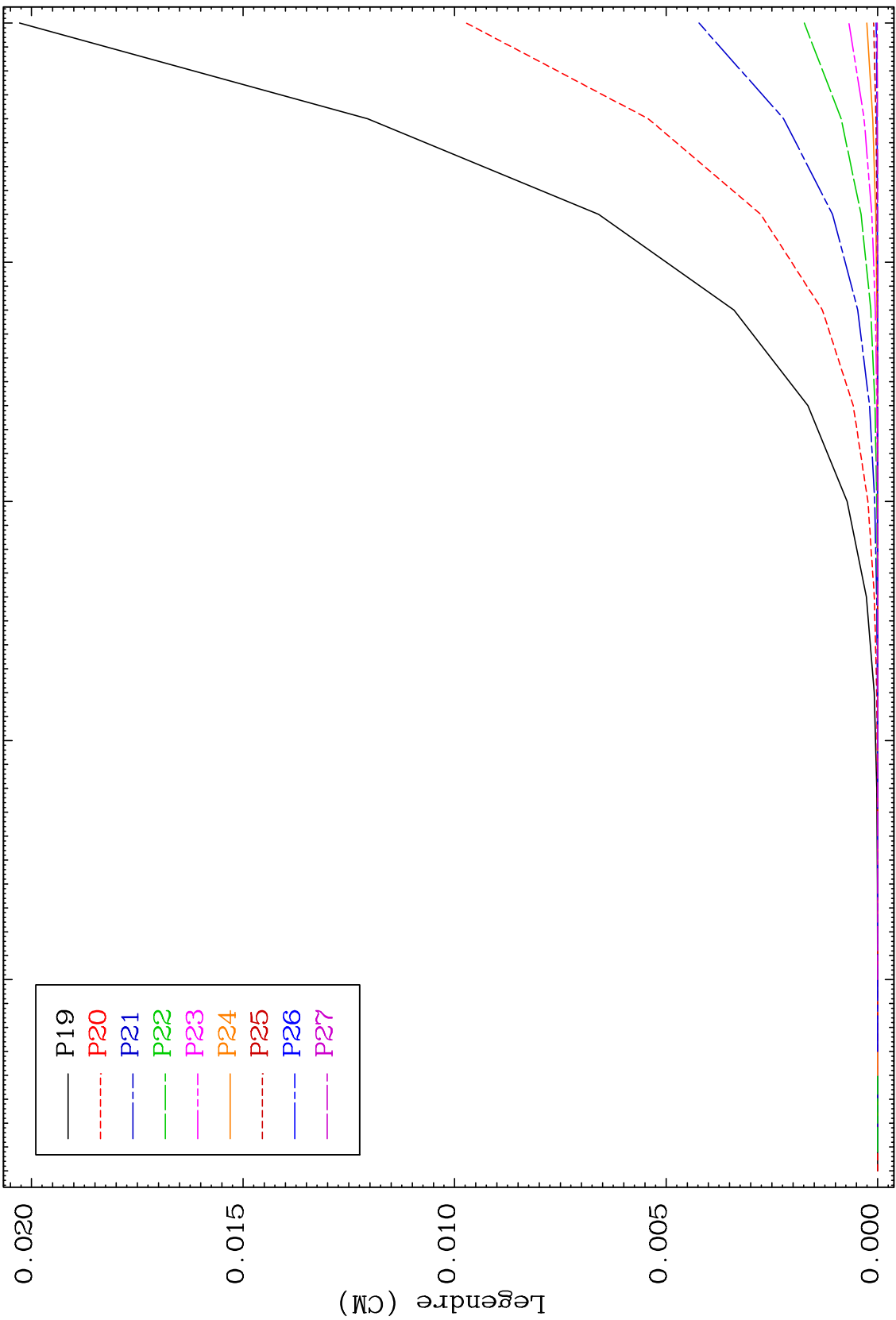




MAT 7277

Elastic Legendre Coefficients

73-Ta-164



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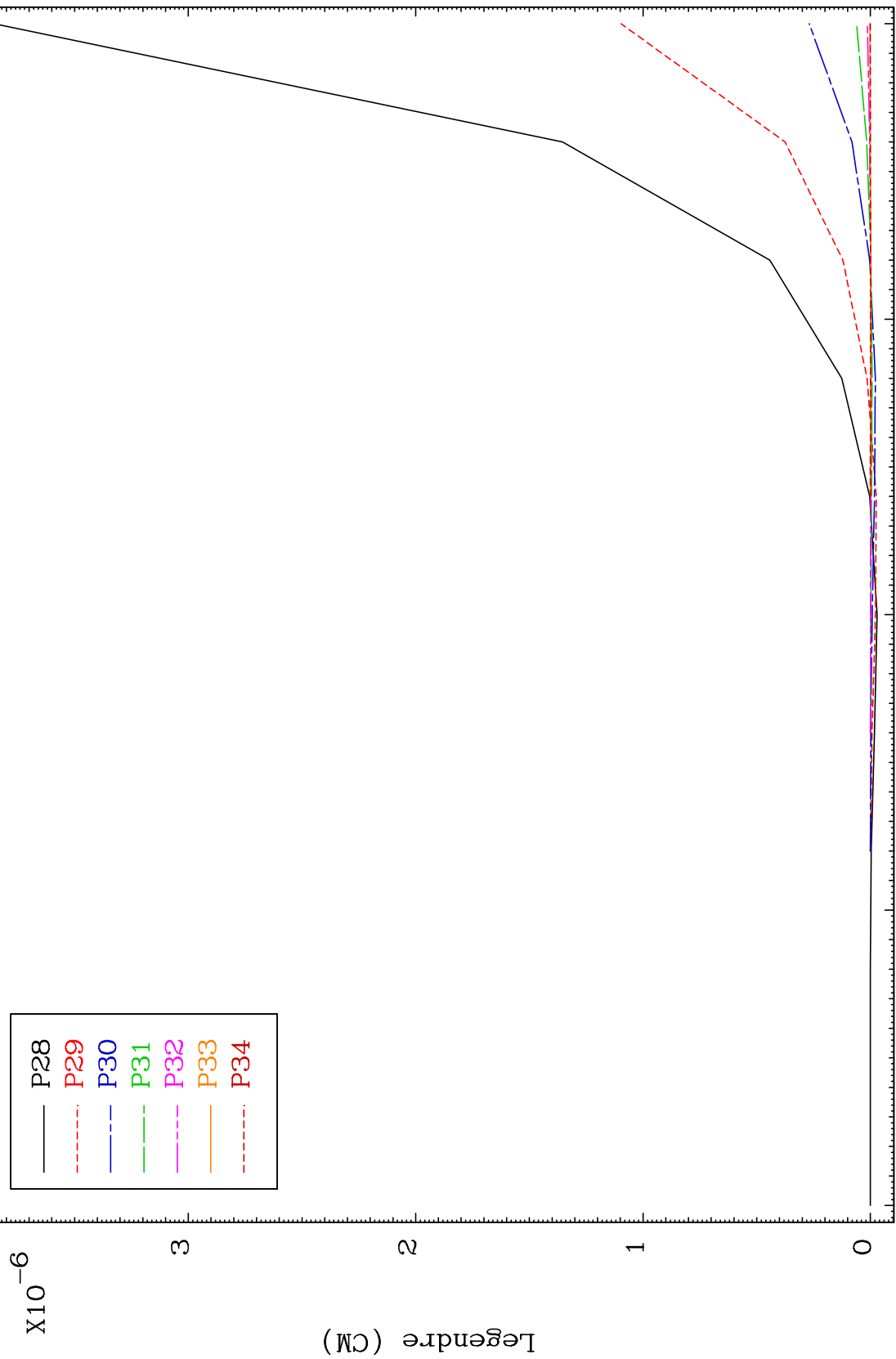
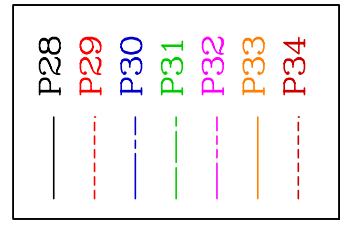
Incident Energy (MeV)

73-Ta-164

MAT 7277

Elastic Legendre Coefficients

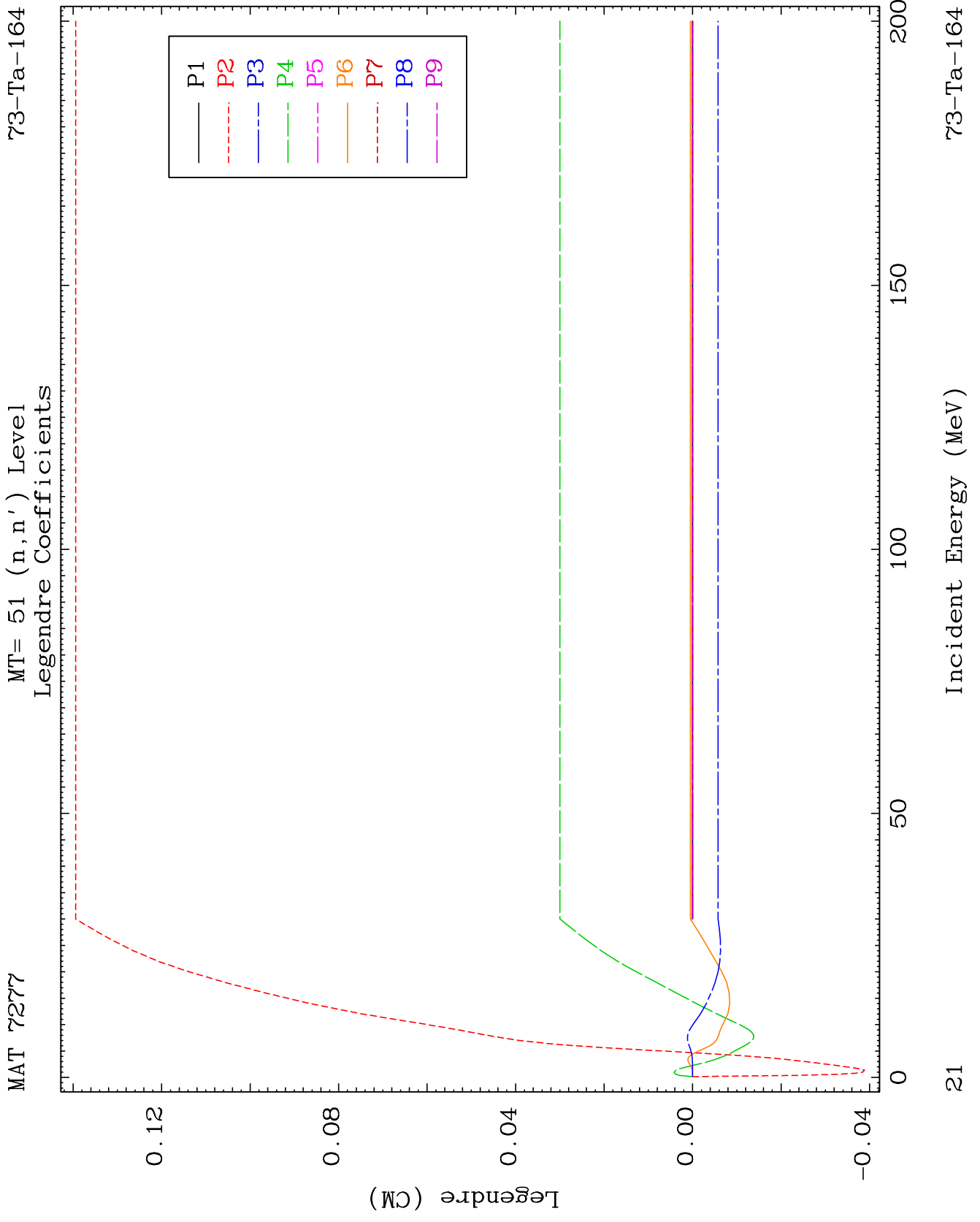
⁷³Ta-164



⁷³Ta-164

Incident Energy (MeV)

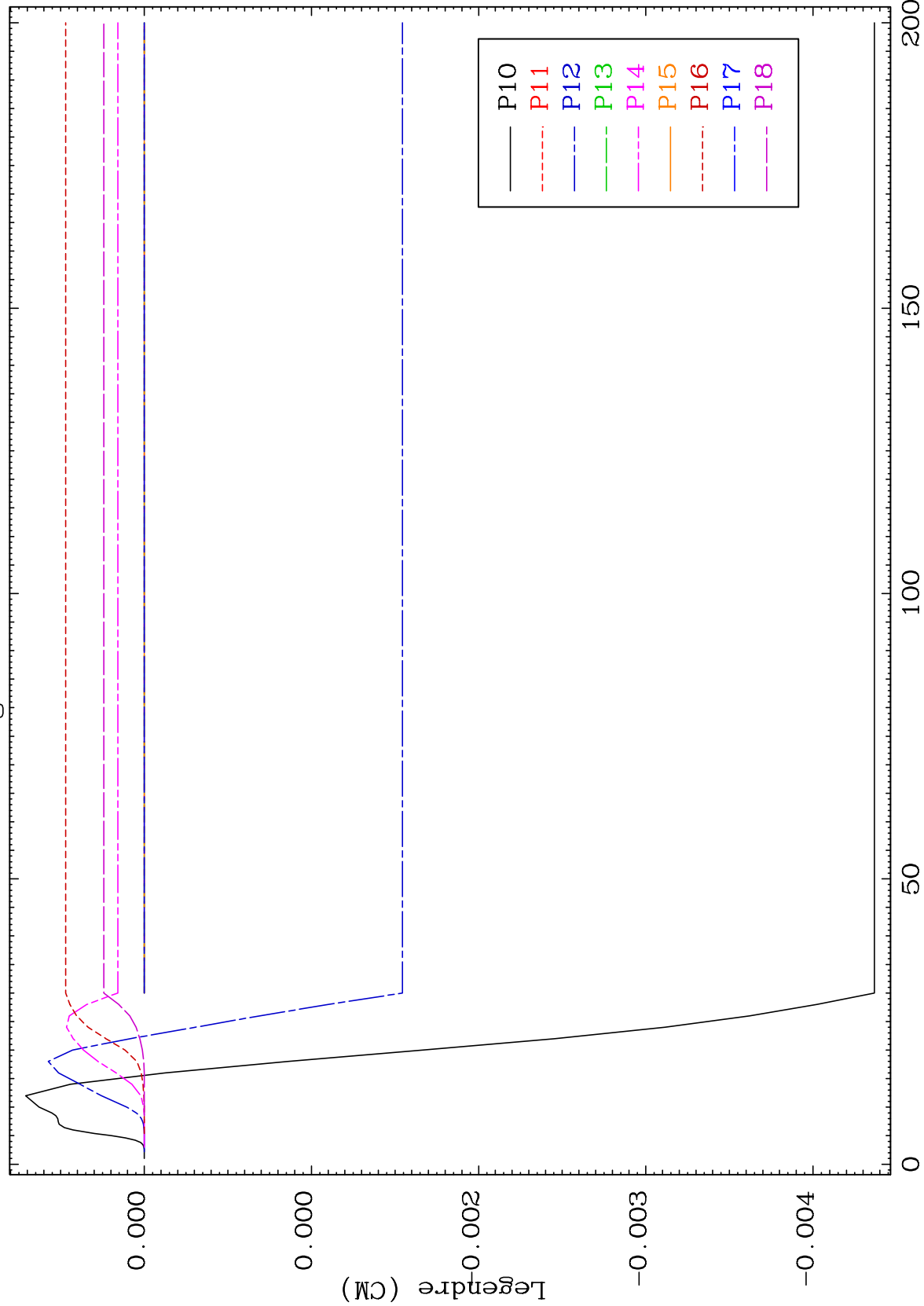
20



MAT 7277

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

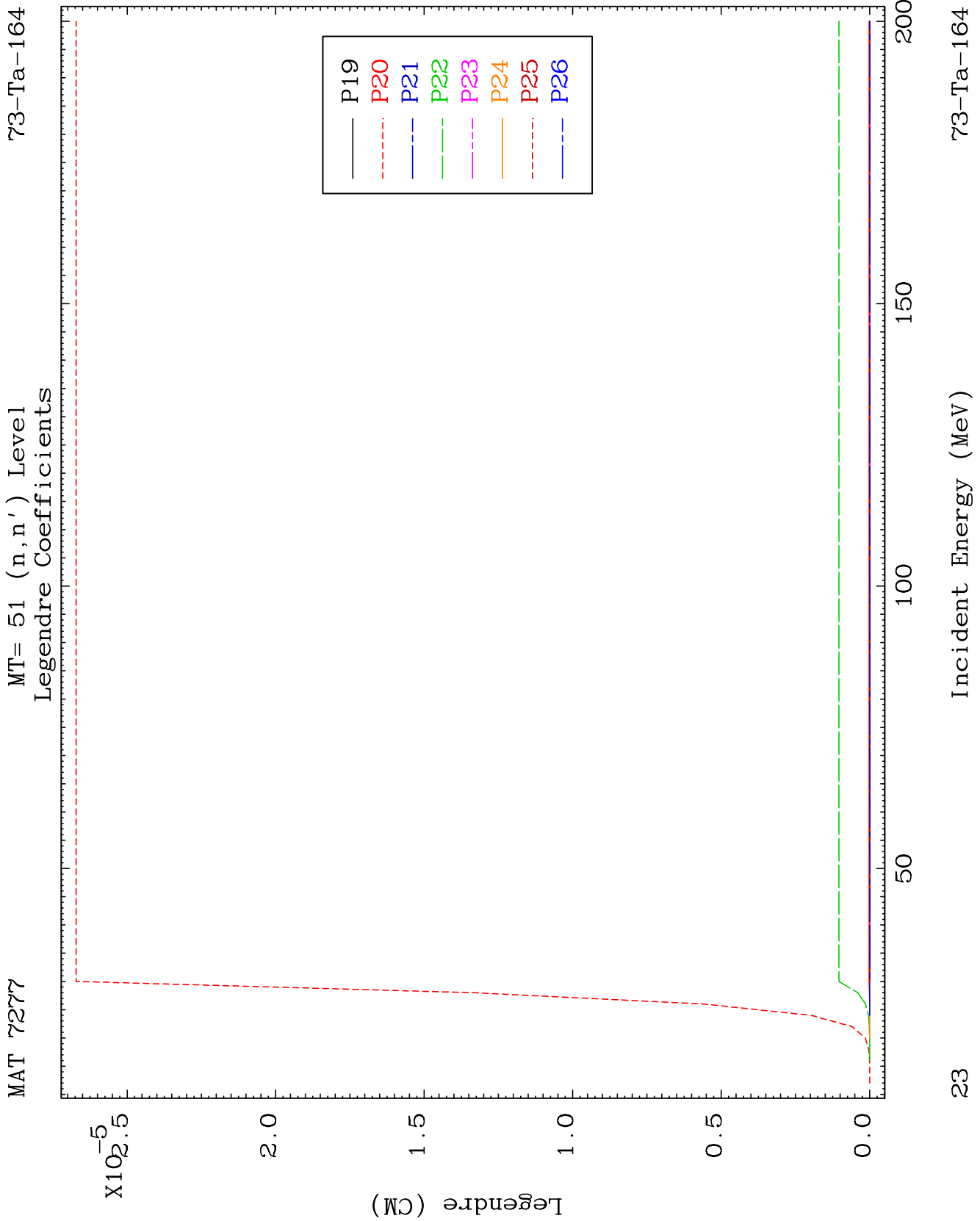
73-Ta-164



22

Incident Energy (MeV)

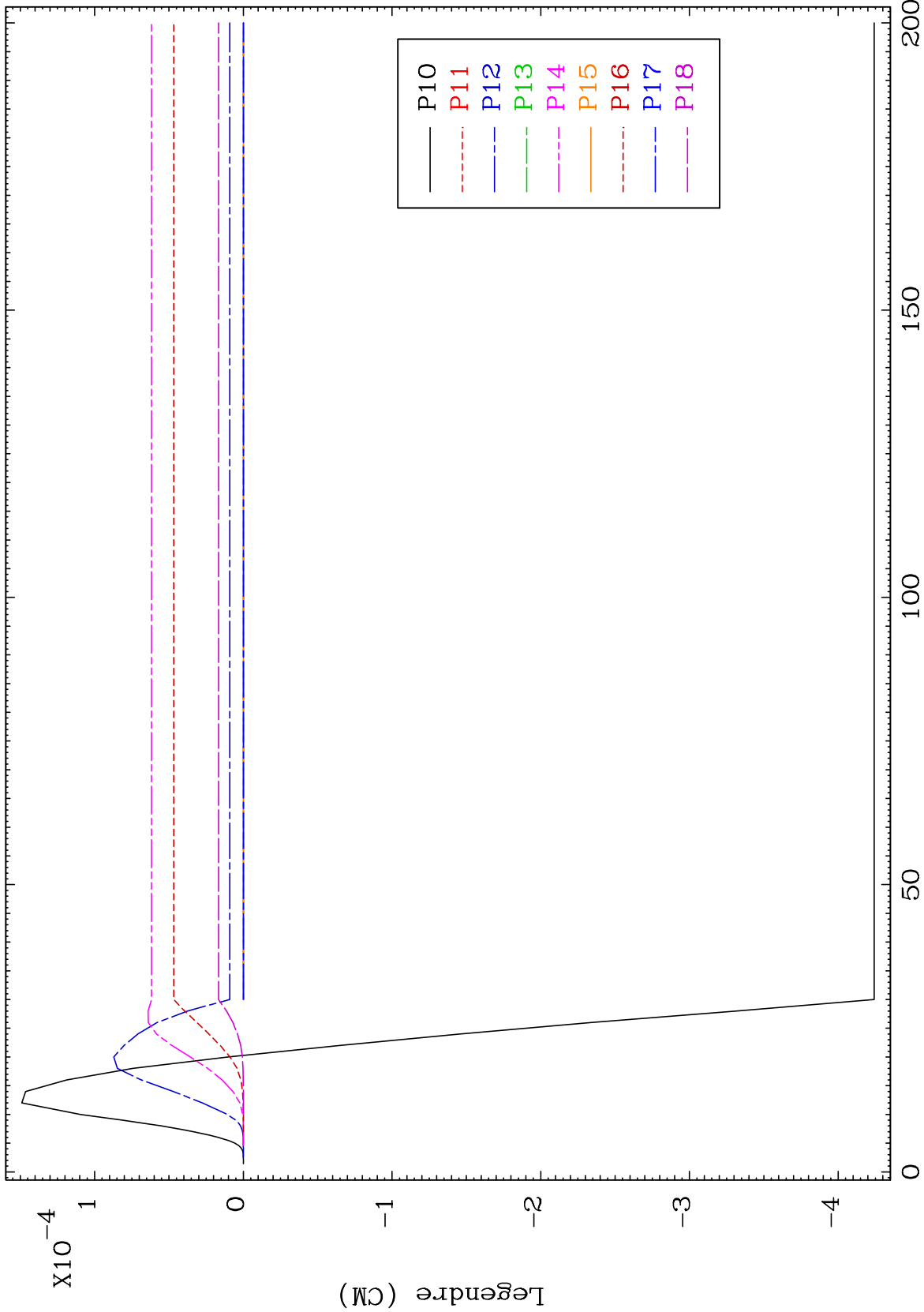
73-Ta-164



MAT 7277

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

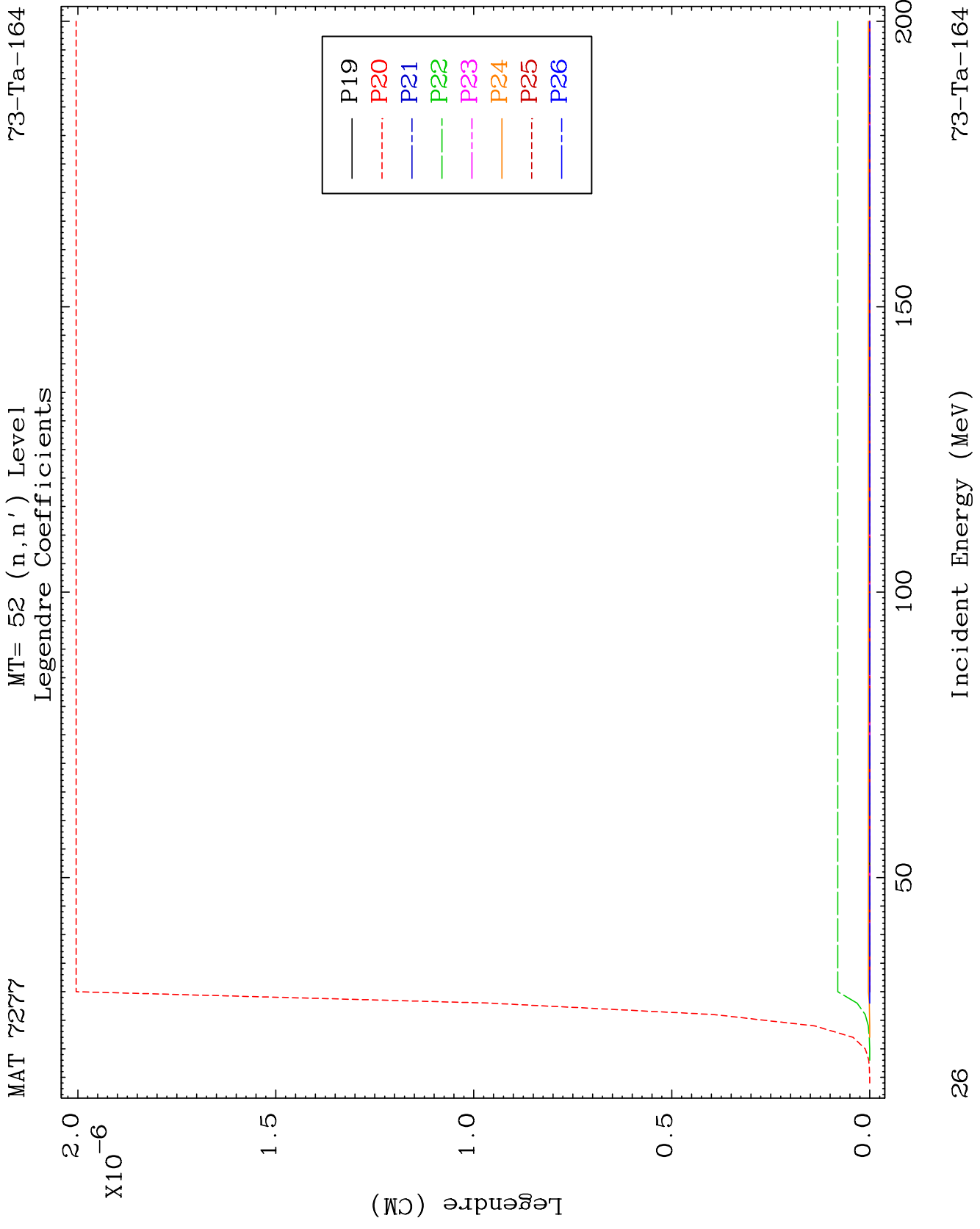
73-Ta-164



25

Incident Energy (MeV)

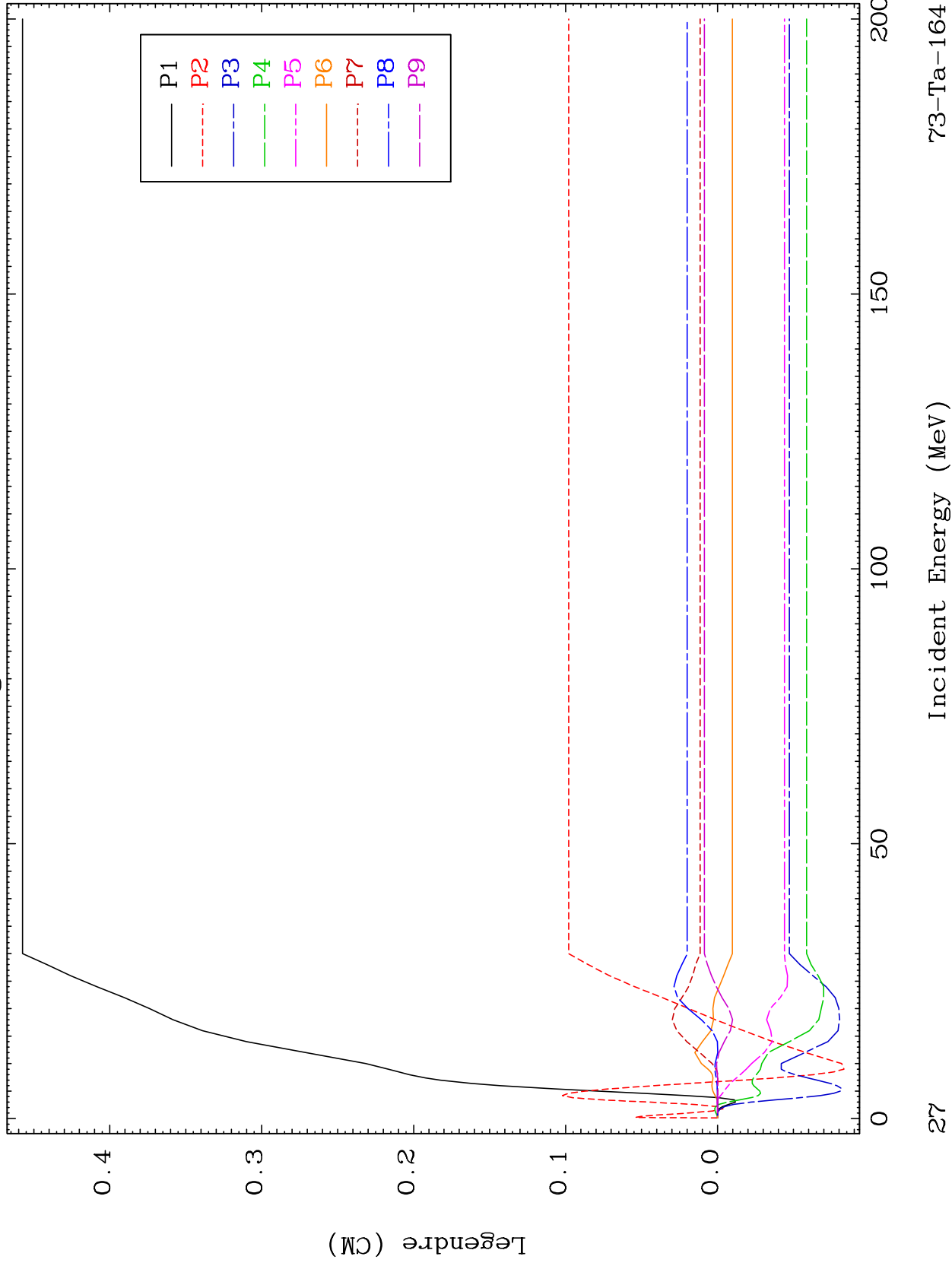
73-Ta-164



MAT 7277

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

73-Ta-164



73-Ta-164

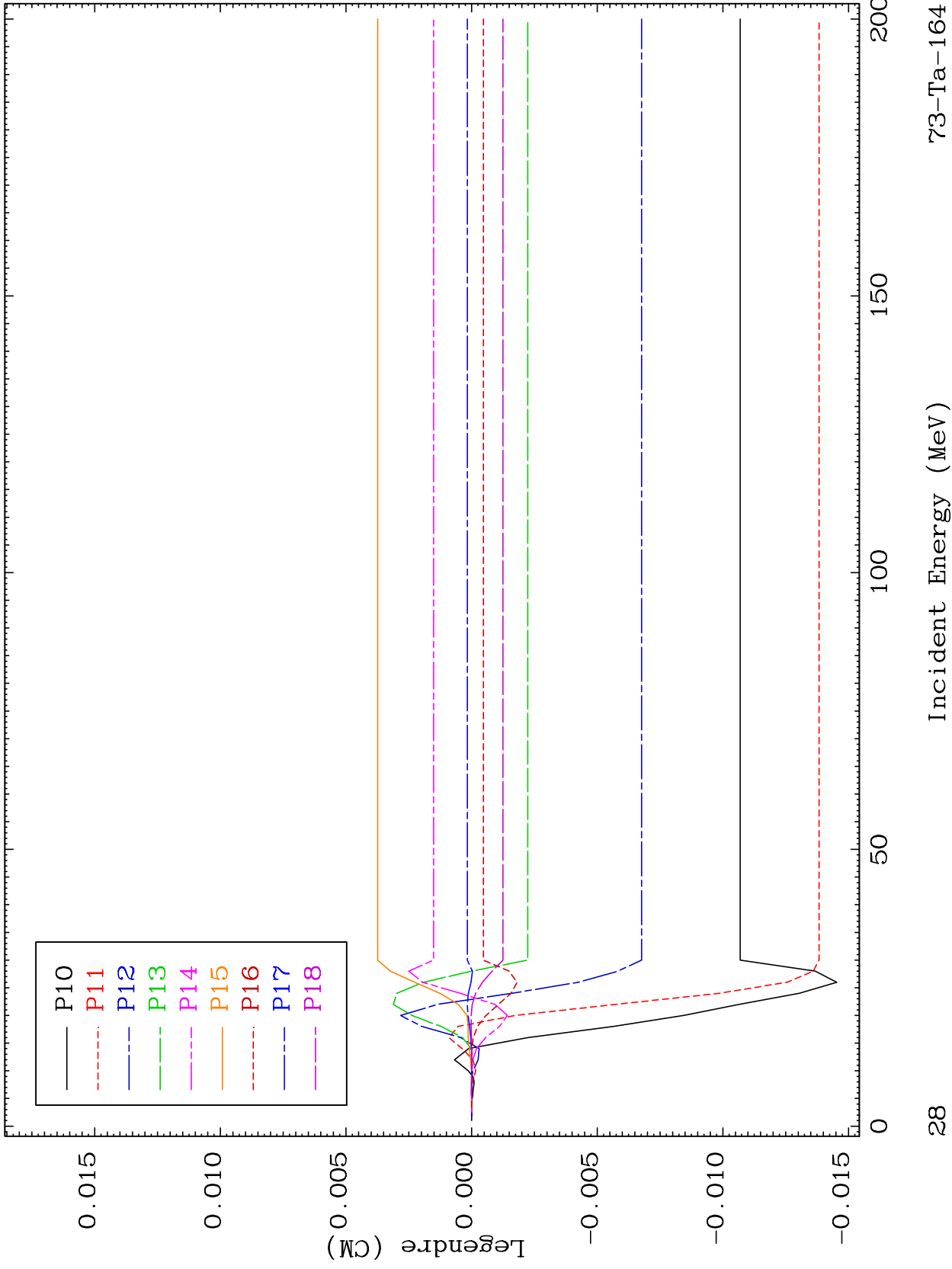
Incident Energy (MeV)

27

MAT 7277

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

73-Ta-164



28

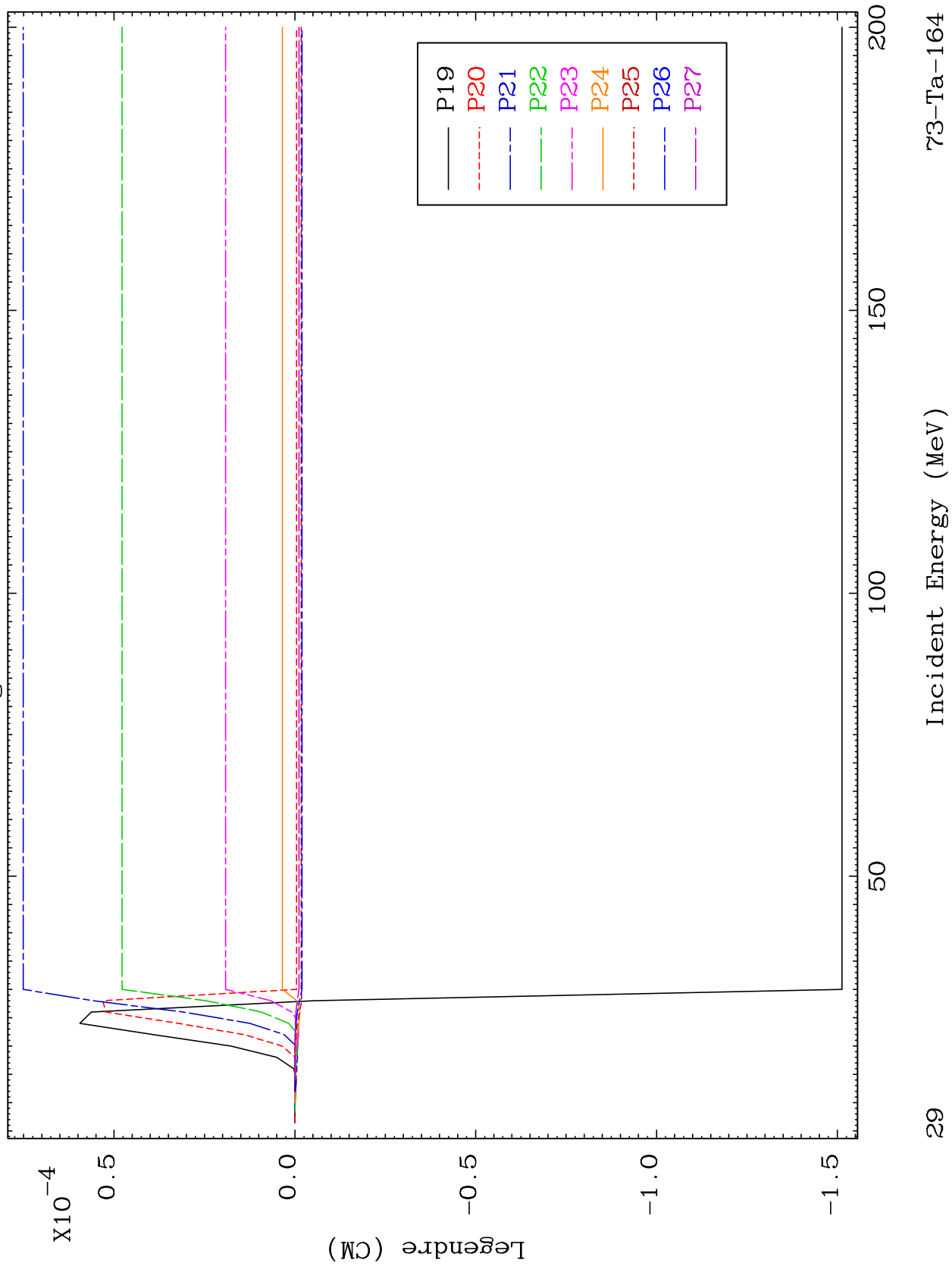
Incident Energy (MeV)

73-Ta-164

MAT 7277

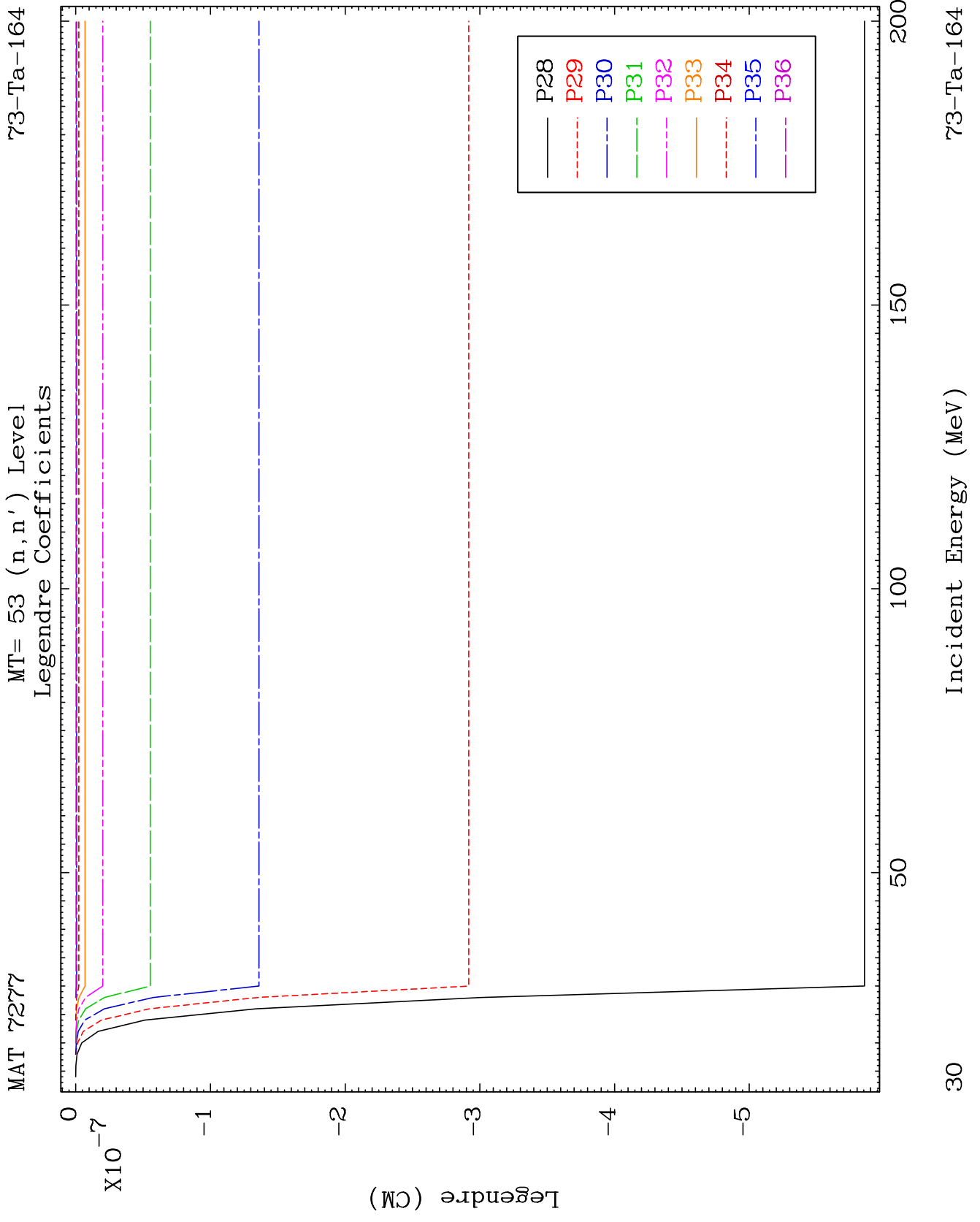
73-Ta-164

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



29

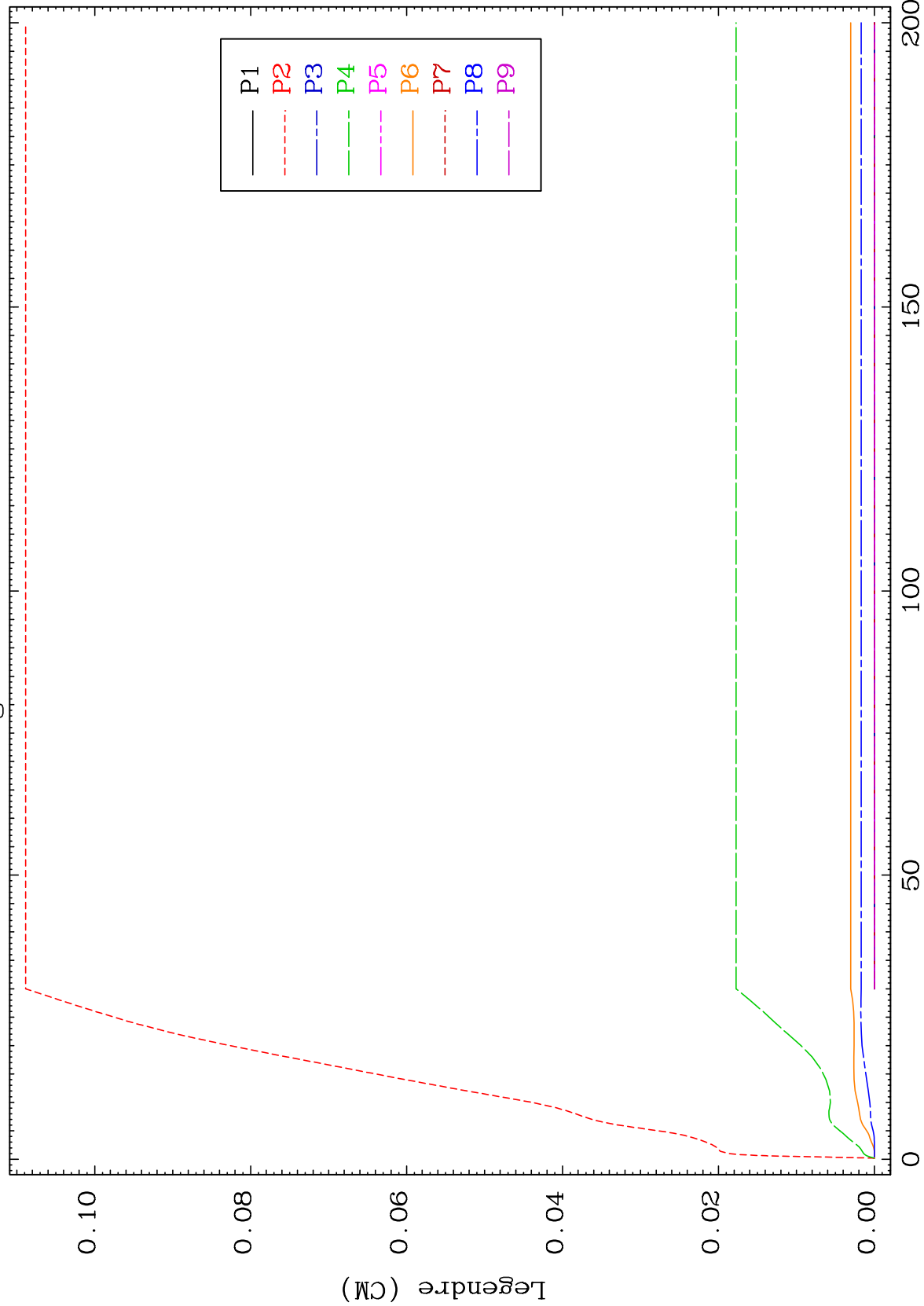
73-Ta-164



MAT 7277

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

73-Ta-164



31

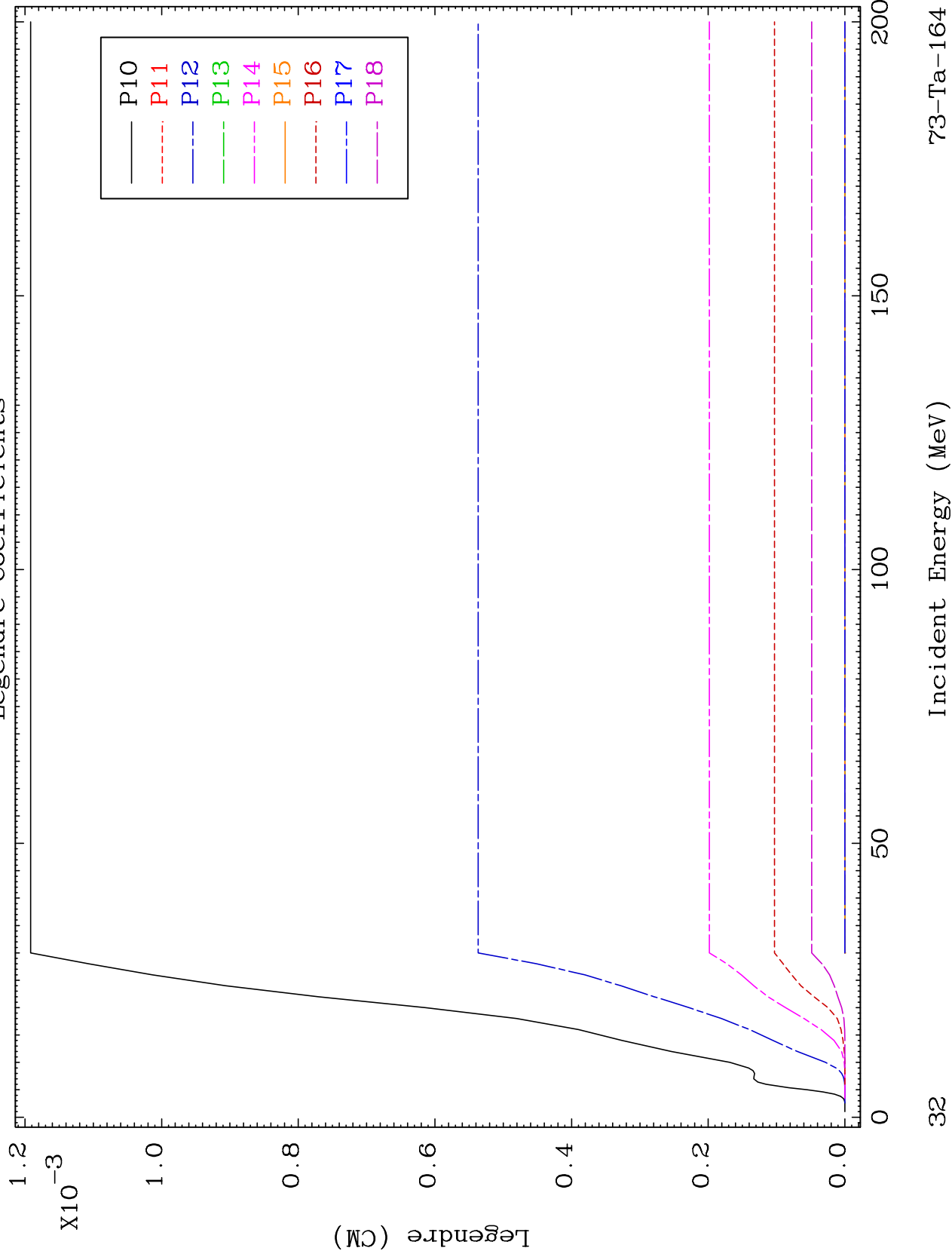
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

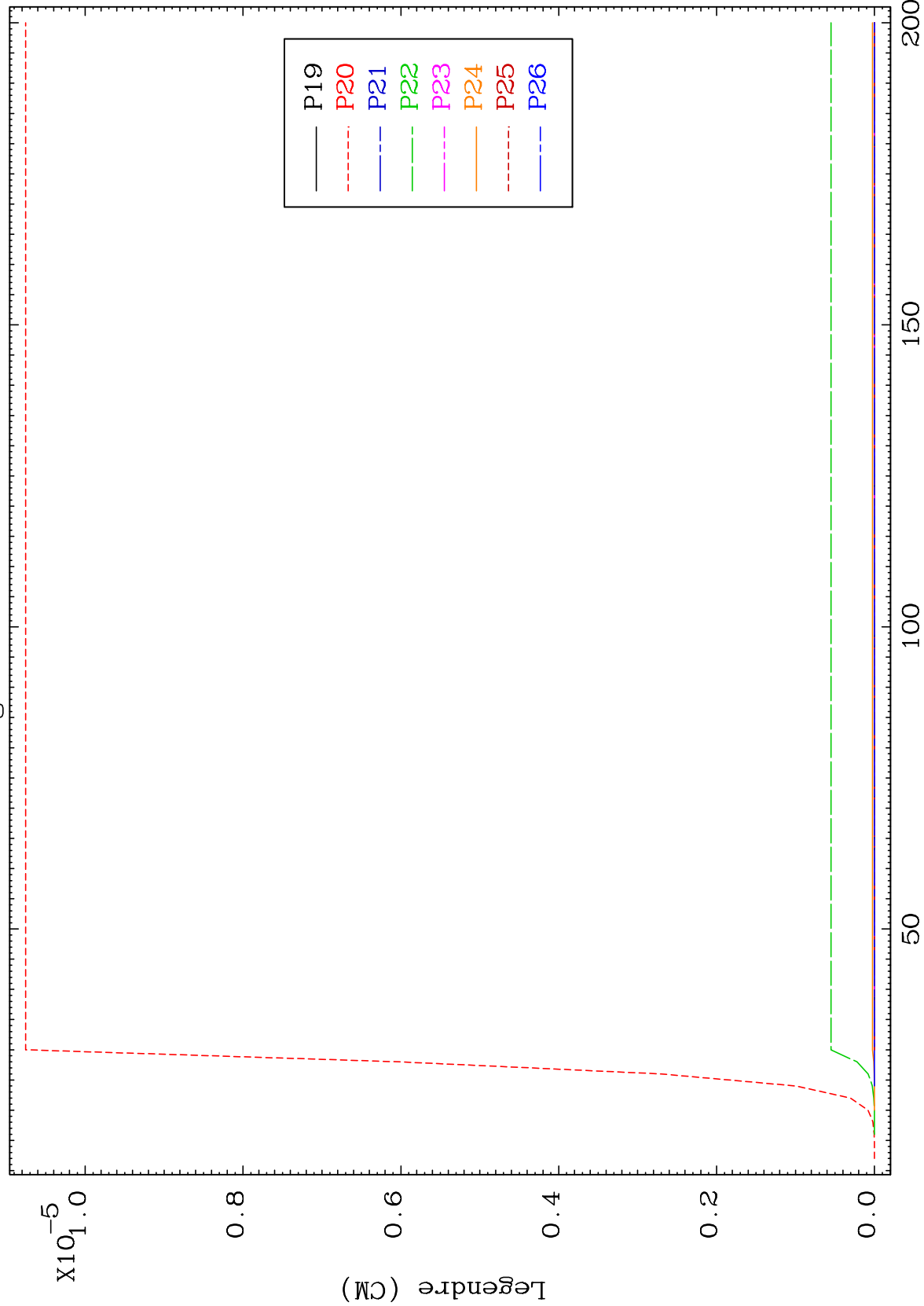
73-Ta-164



MAT 7277

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

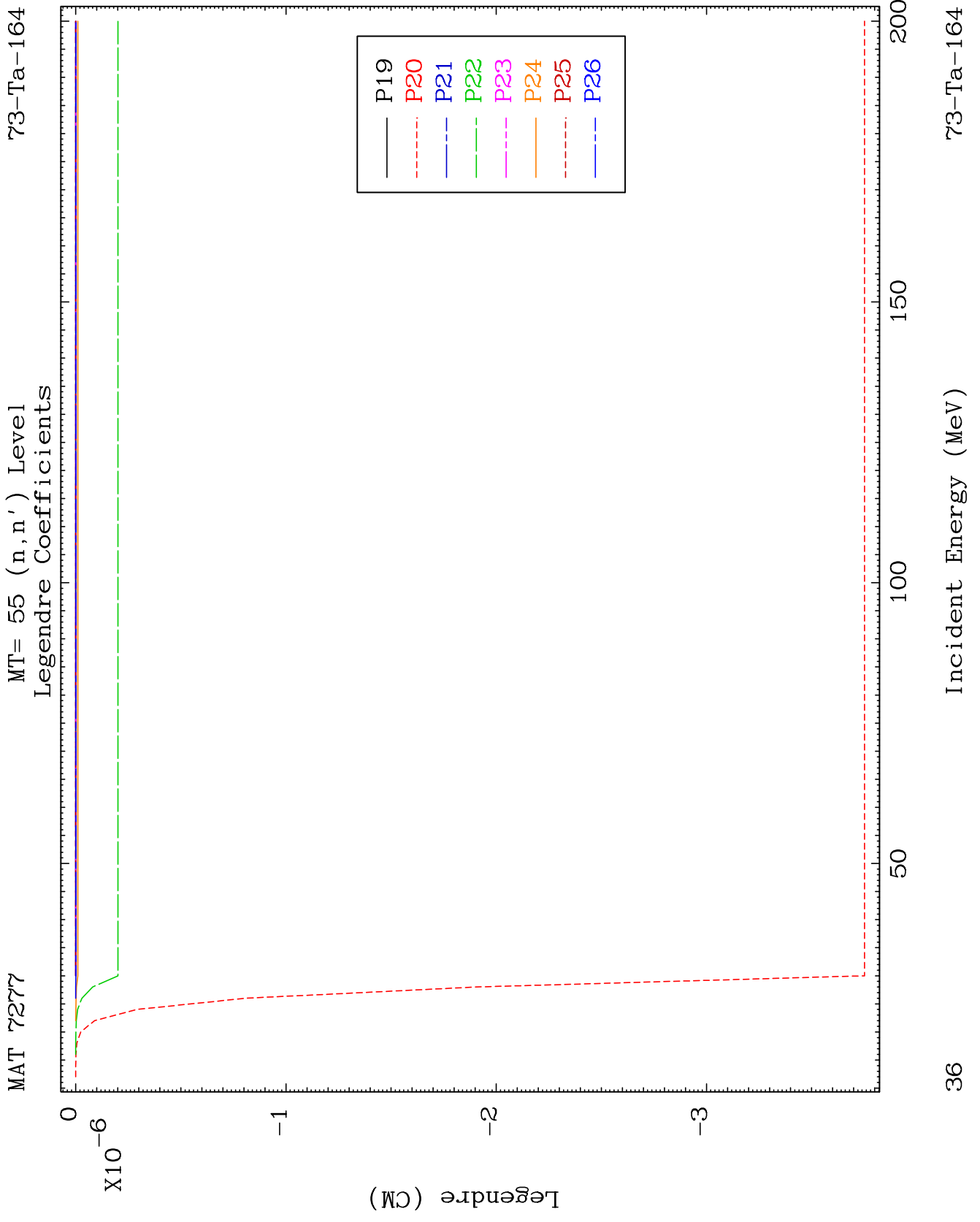
73-Ta-164



73-Ta-164

Incident Energy (MeV)

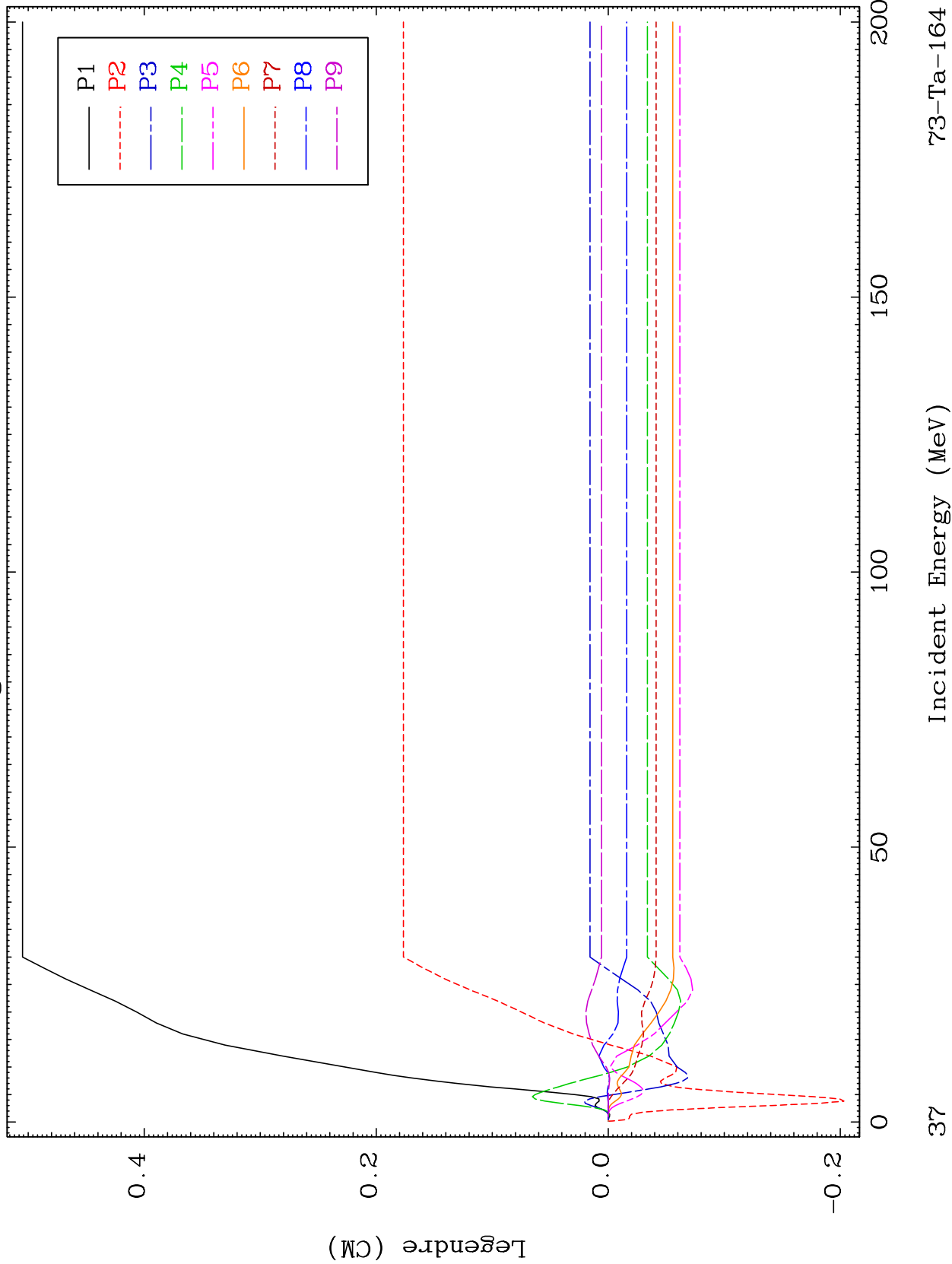
33



MAT 7277

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

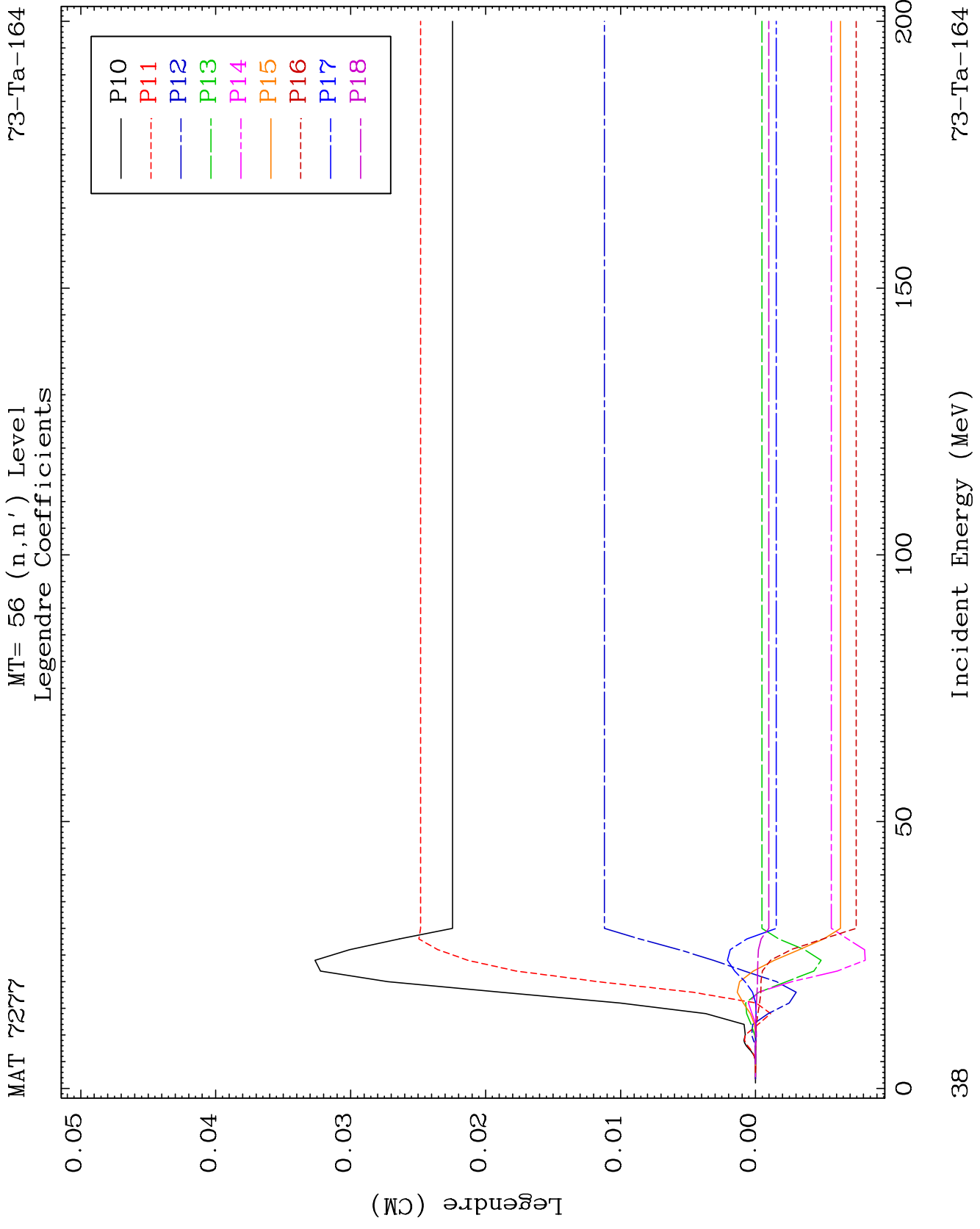
73-Ta-164



37

Incident Energy (MeV)

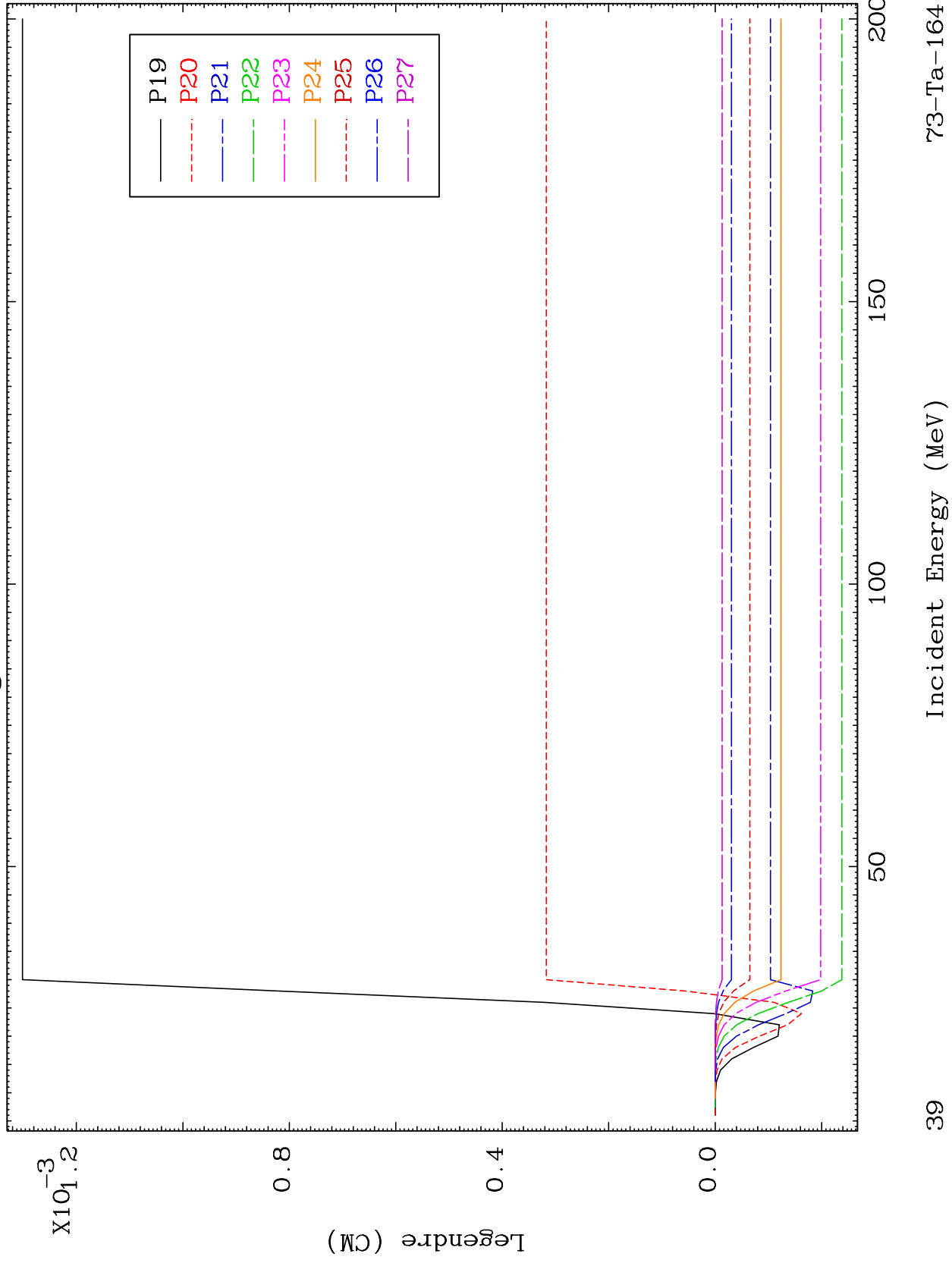
73-Ta-164



MAT 7277

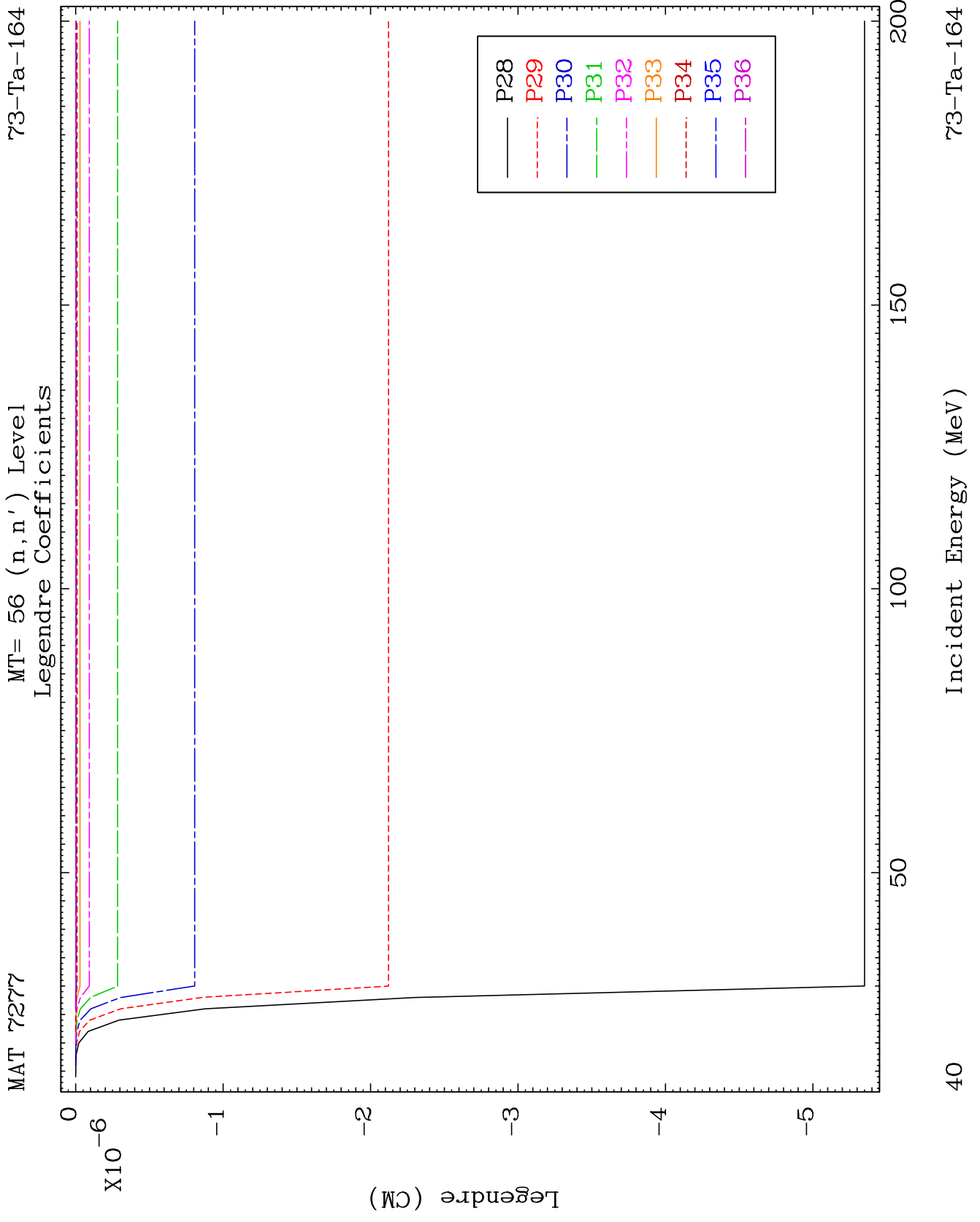
MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-164



39

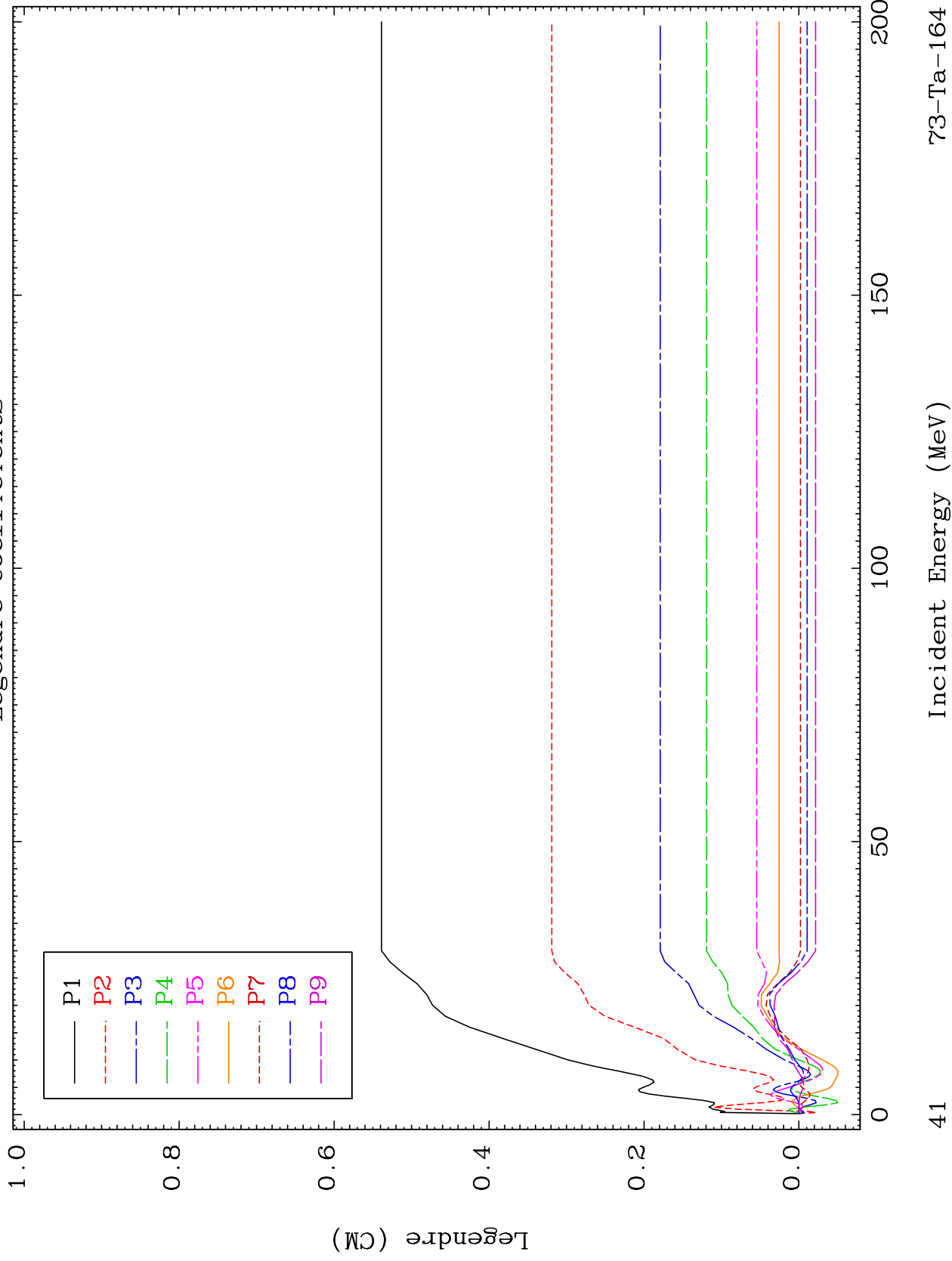
73-Ta-164



MAT 7277

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

73-Ta-164



41

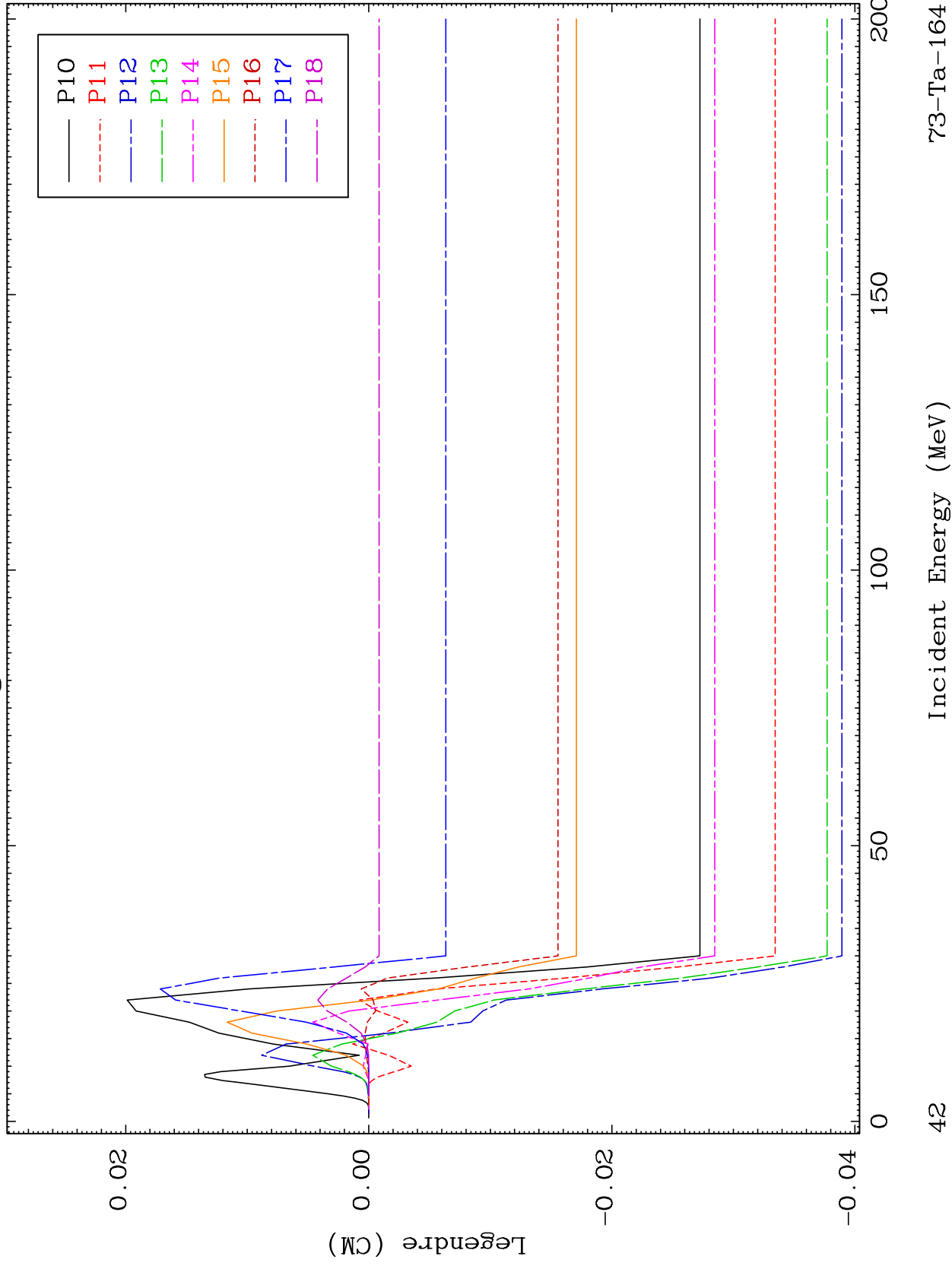
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



73-Ta-164

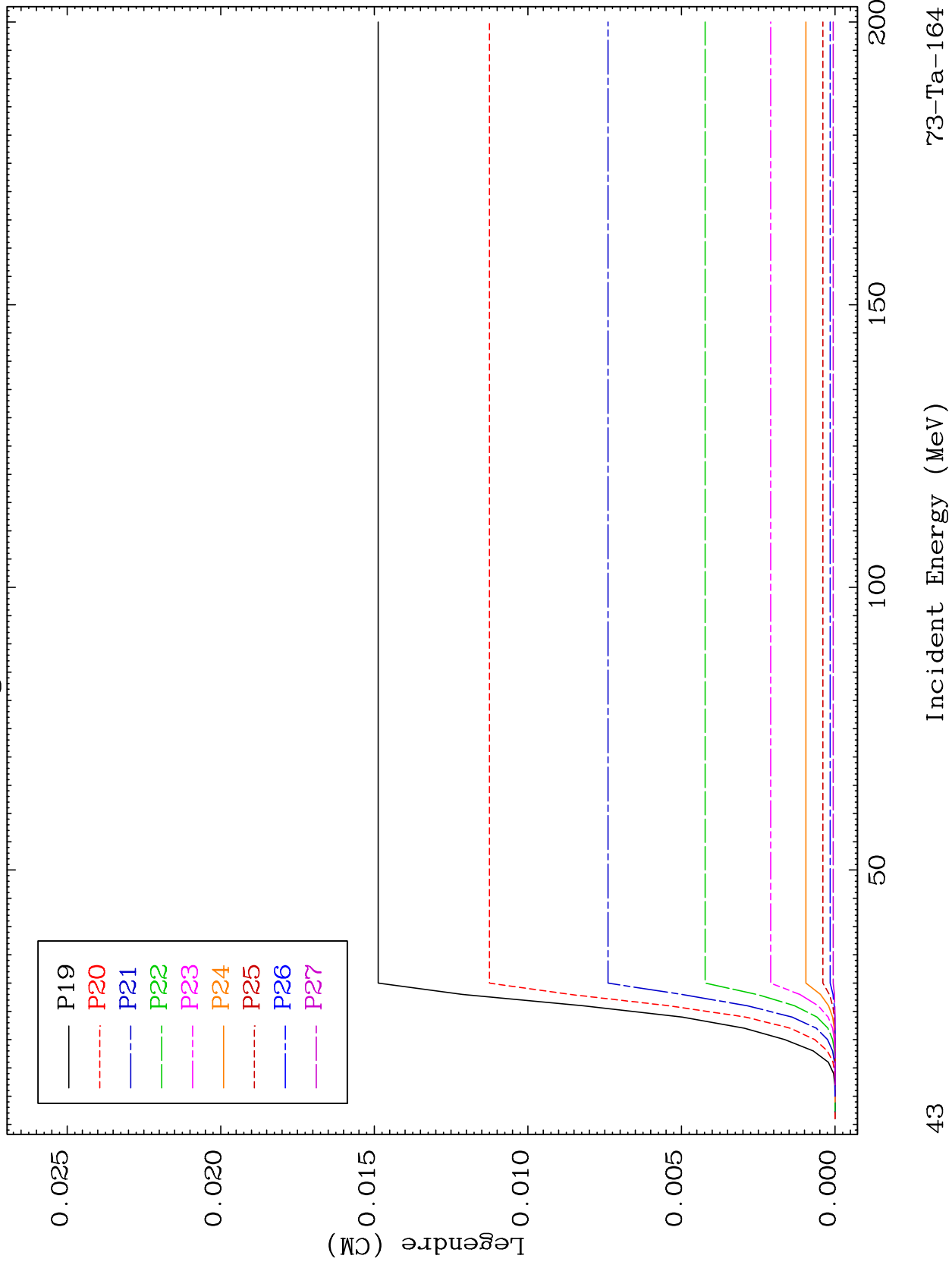
Incident Energy (MeV)

42

MAT 7277

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

73-Ta-164



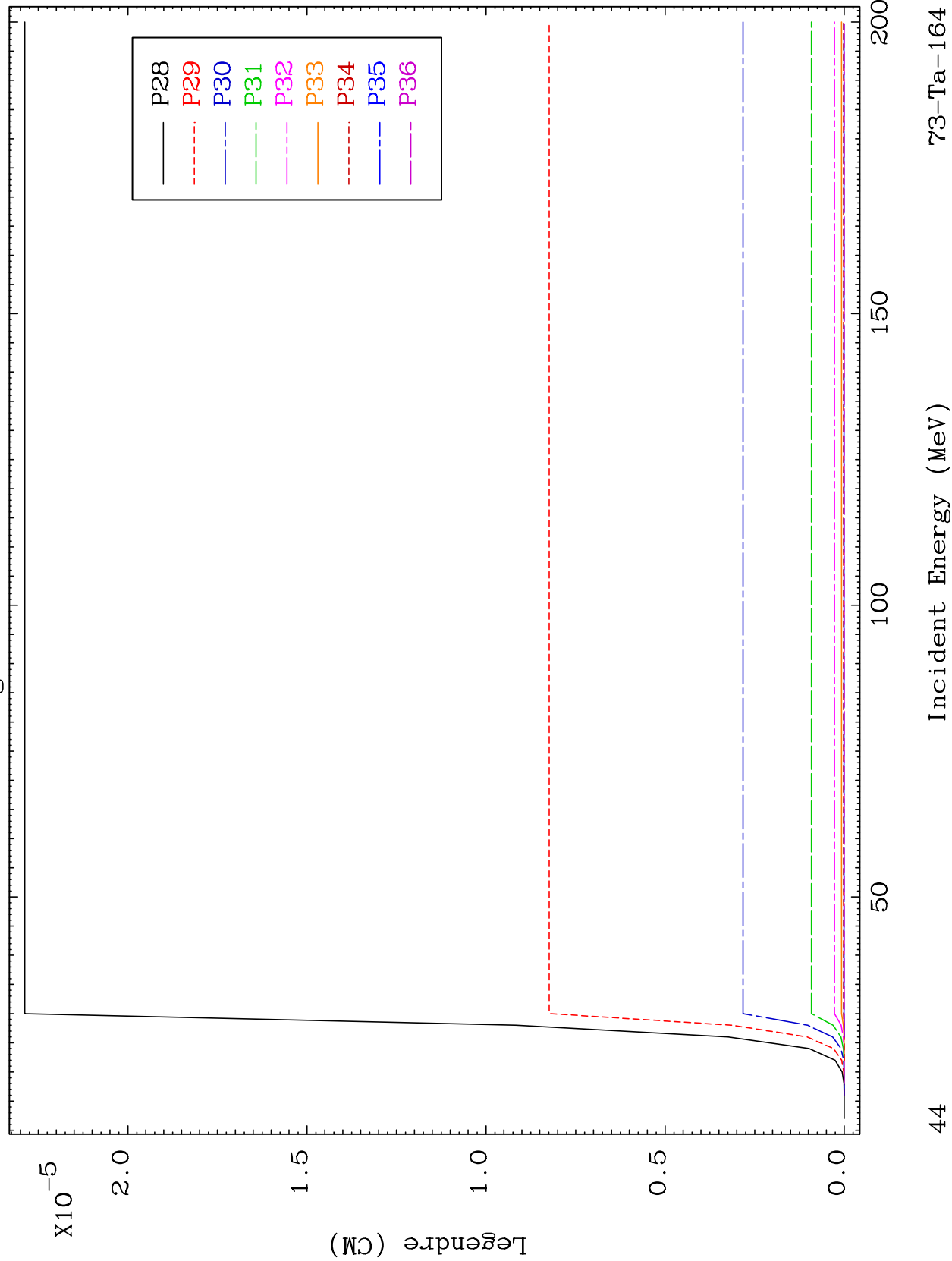
43

73-Ta-164

MAT 7277

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

73-Ta-164



44

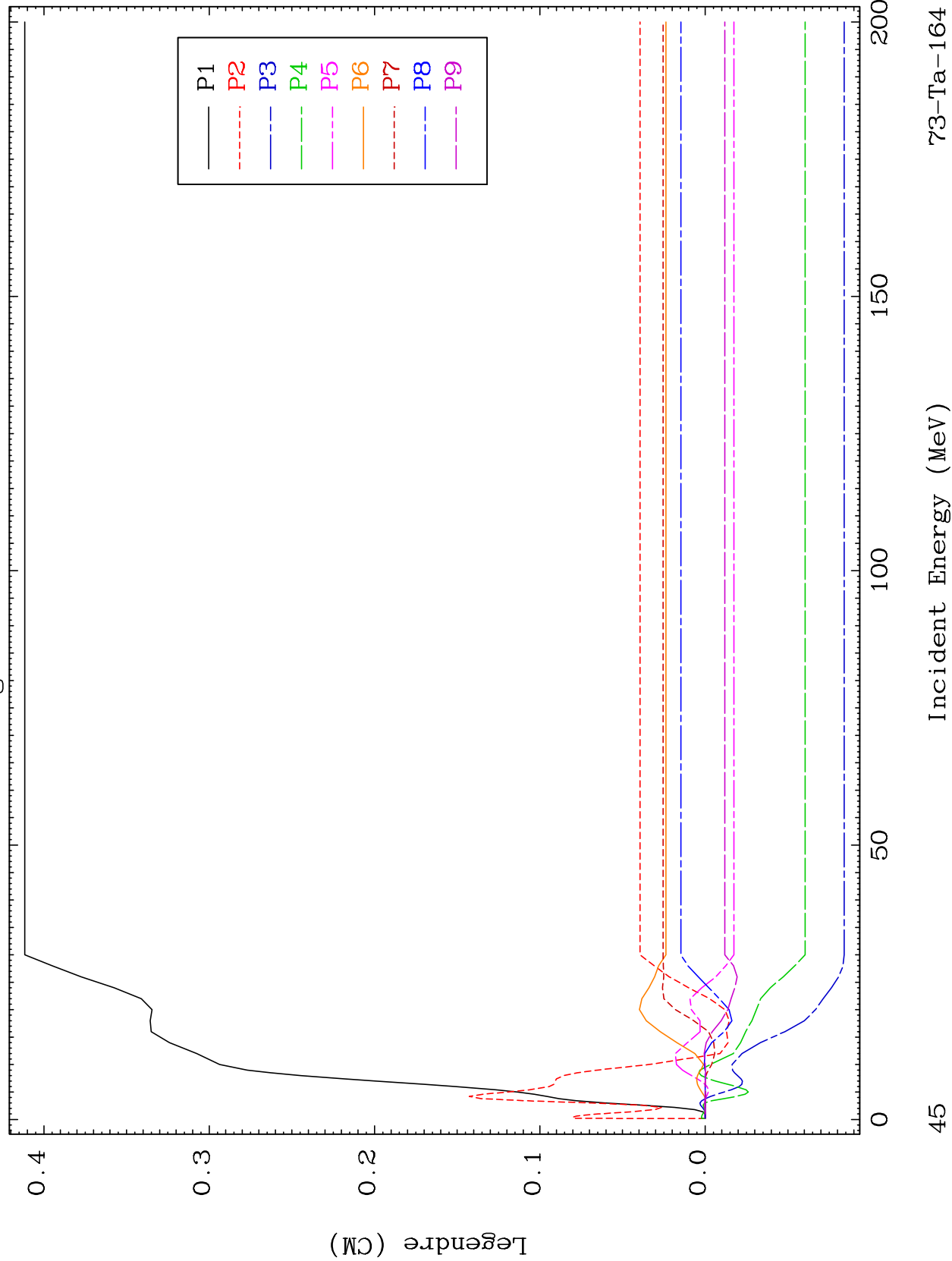
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



73-Ta-164

Incident Energy (MeV)

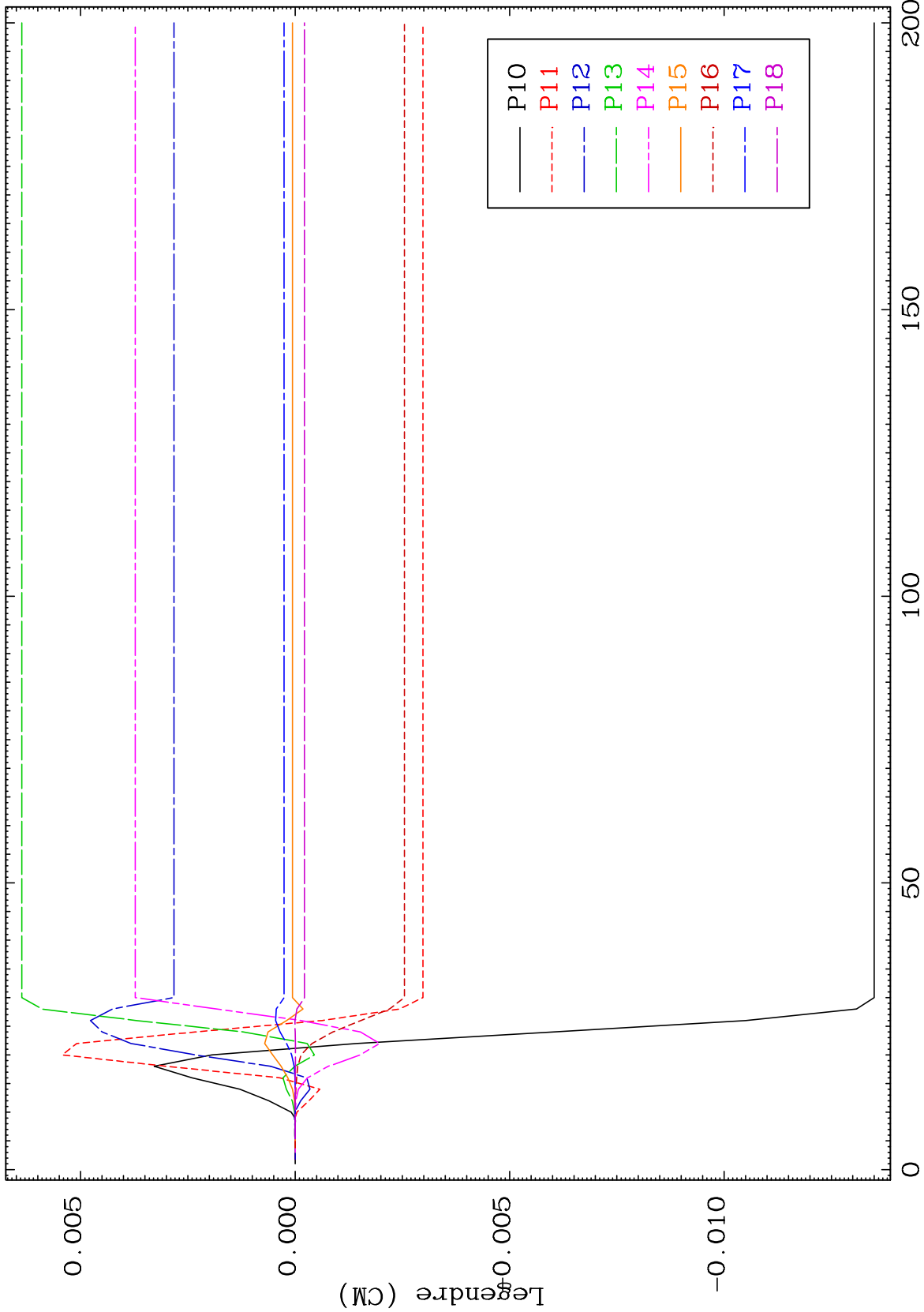
45

MAT 7277

MT= 58 (n,n') Level

73-Ta-164

Legendre Coefficients



46

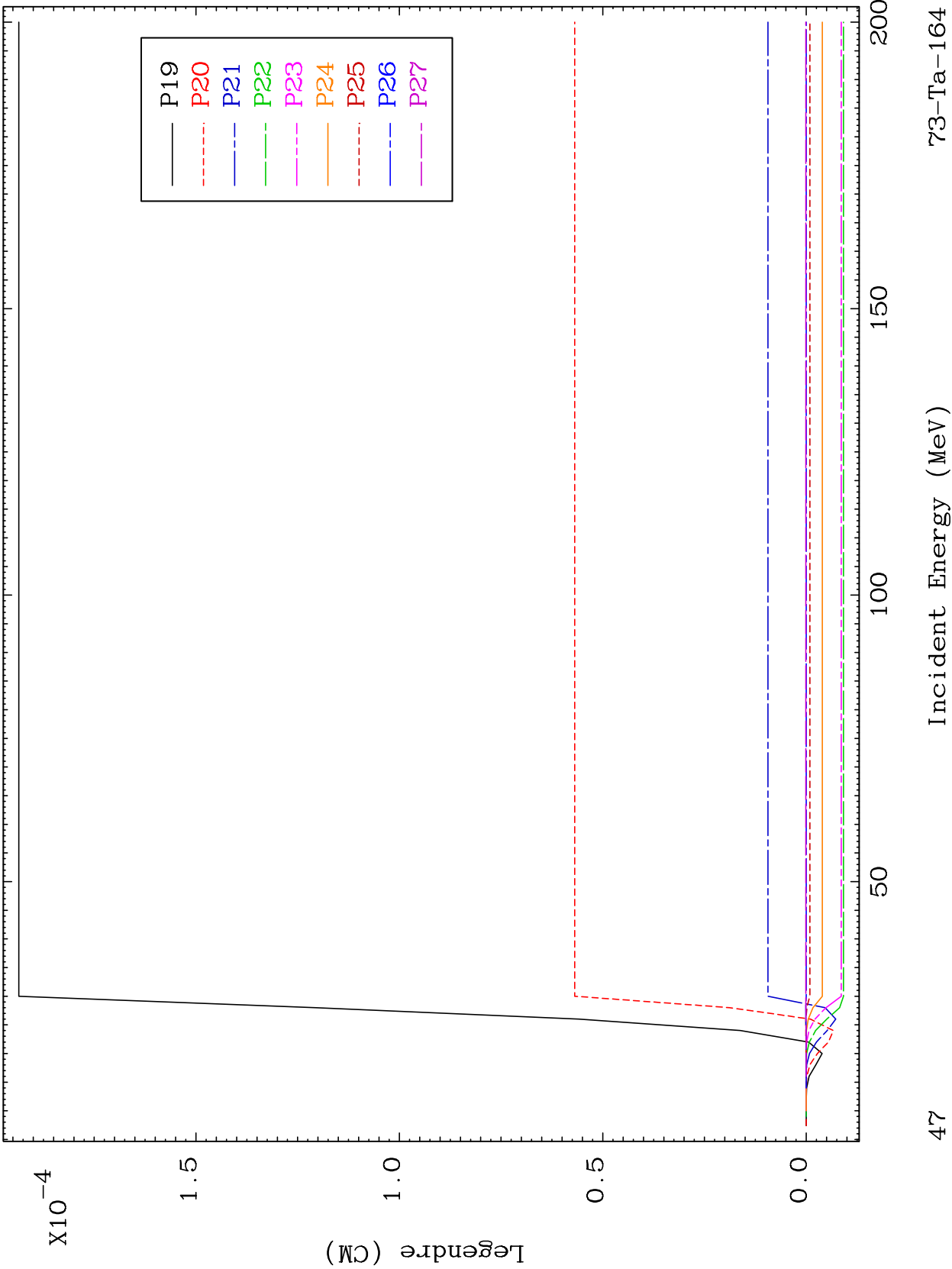
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



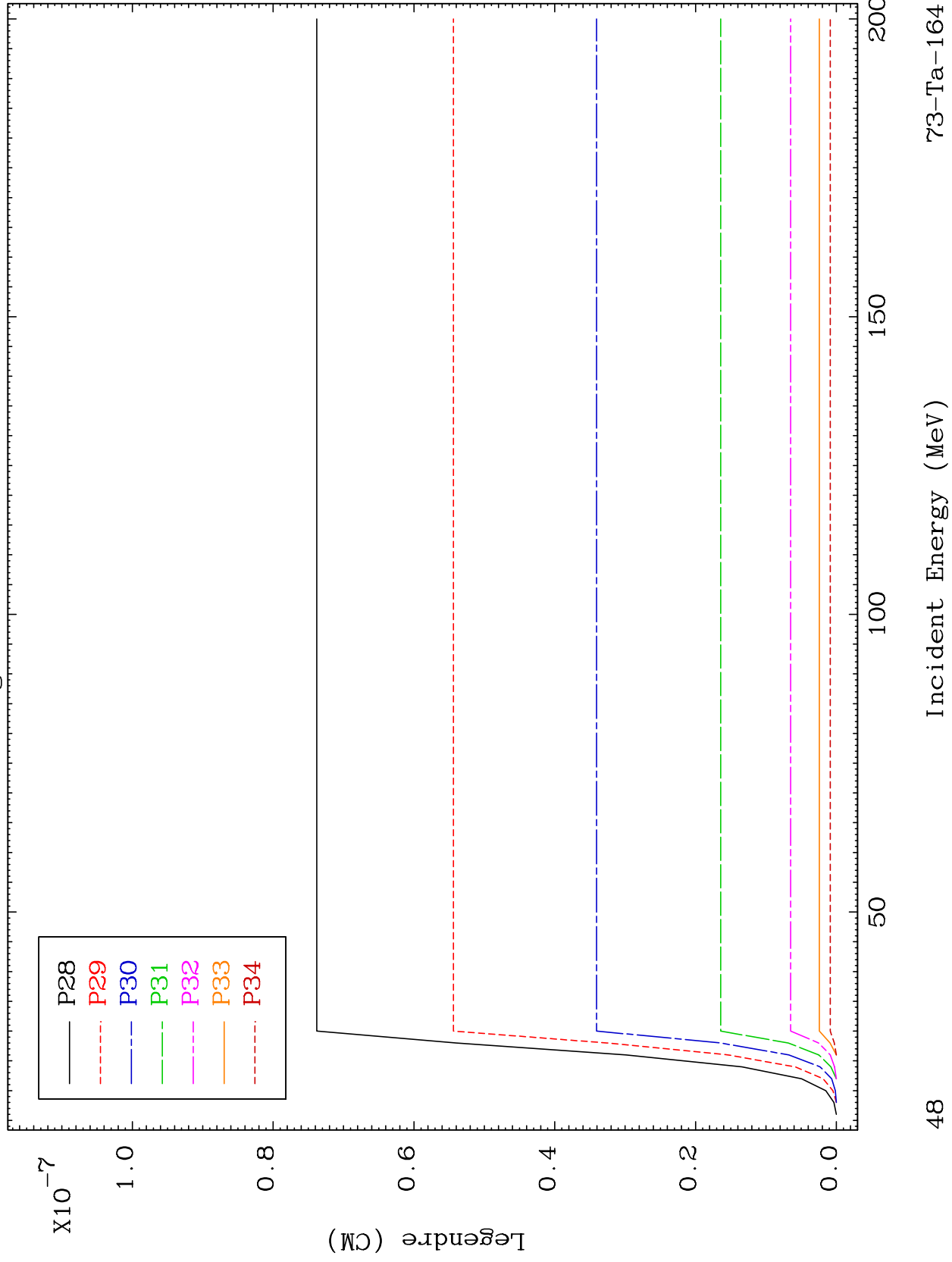
47

73-Ta-164

MAT 7277

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

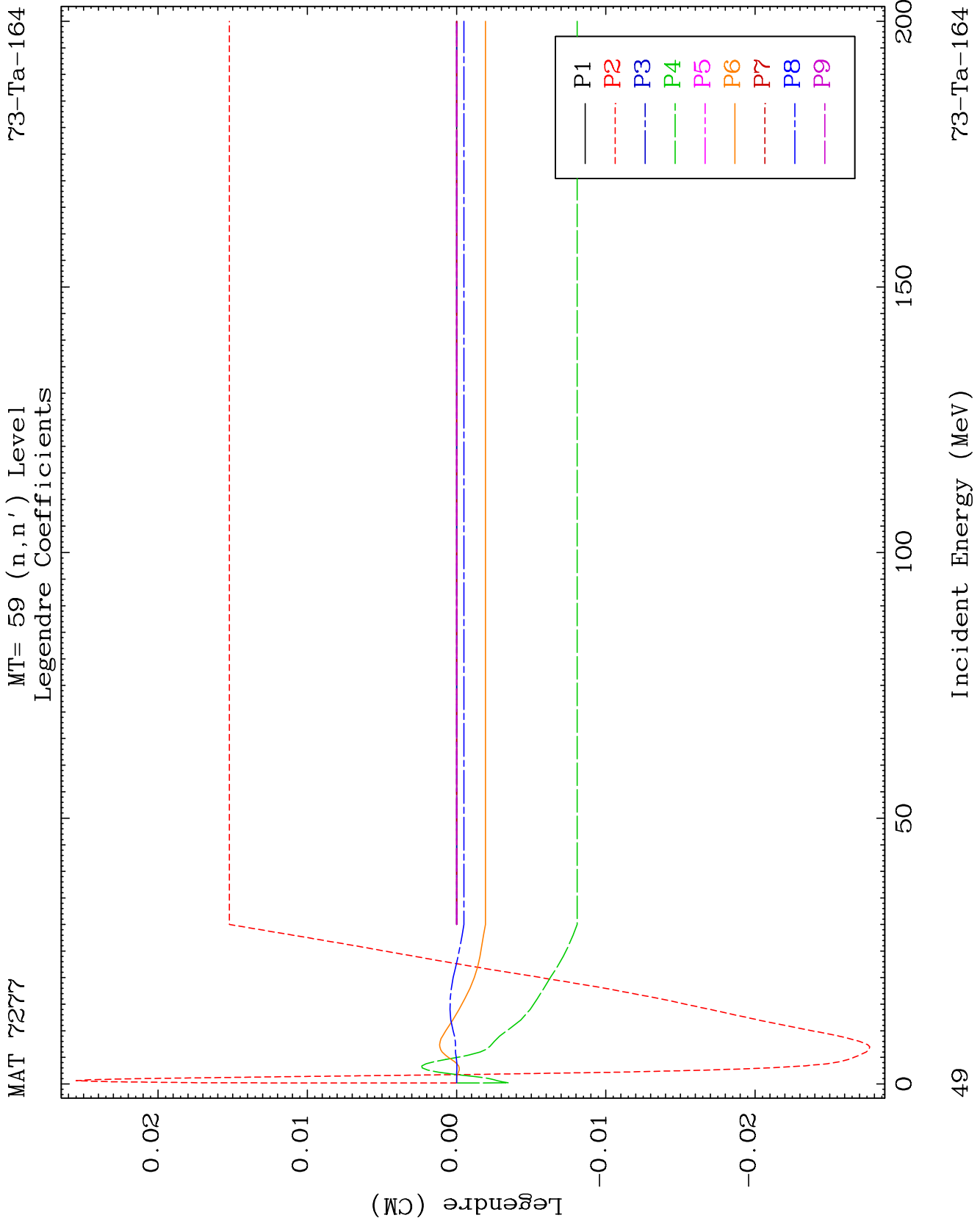
73-Ta-164



48

Incident Energy (MeV)

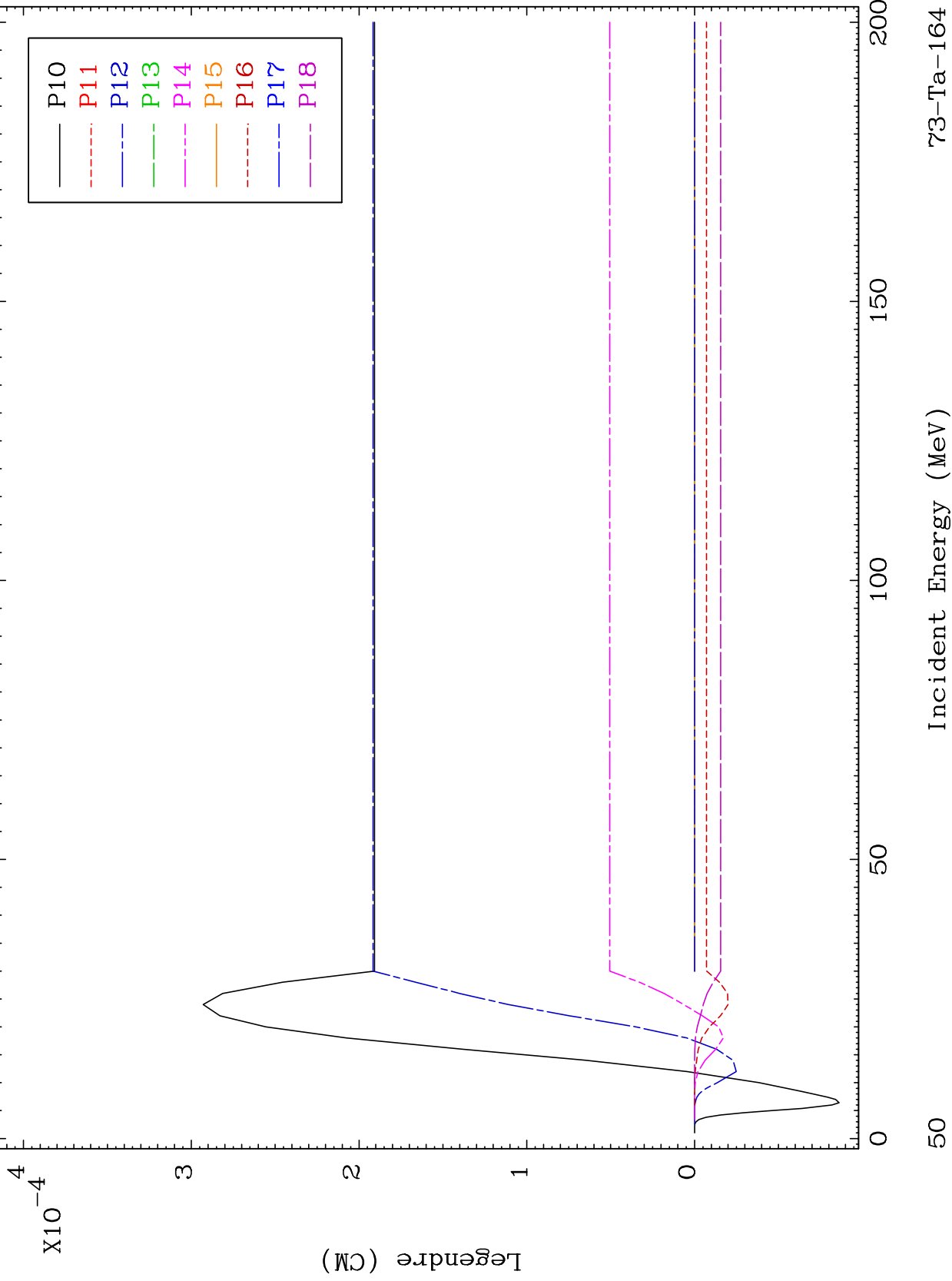
73-Ta-164

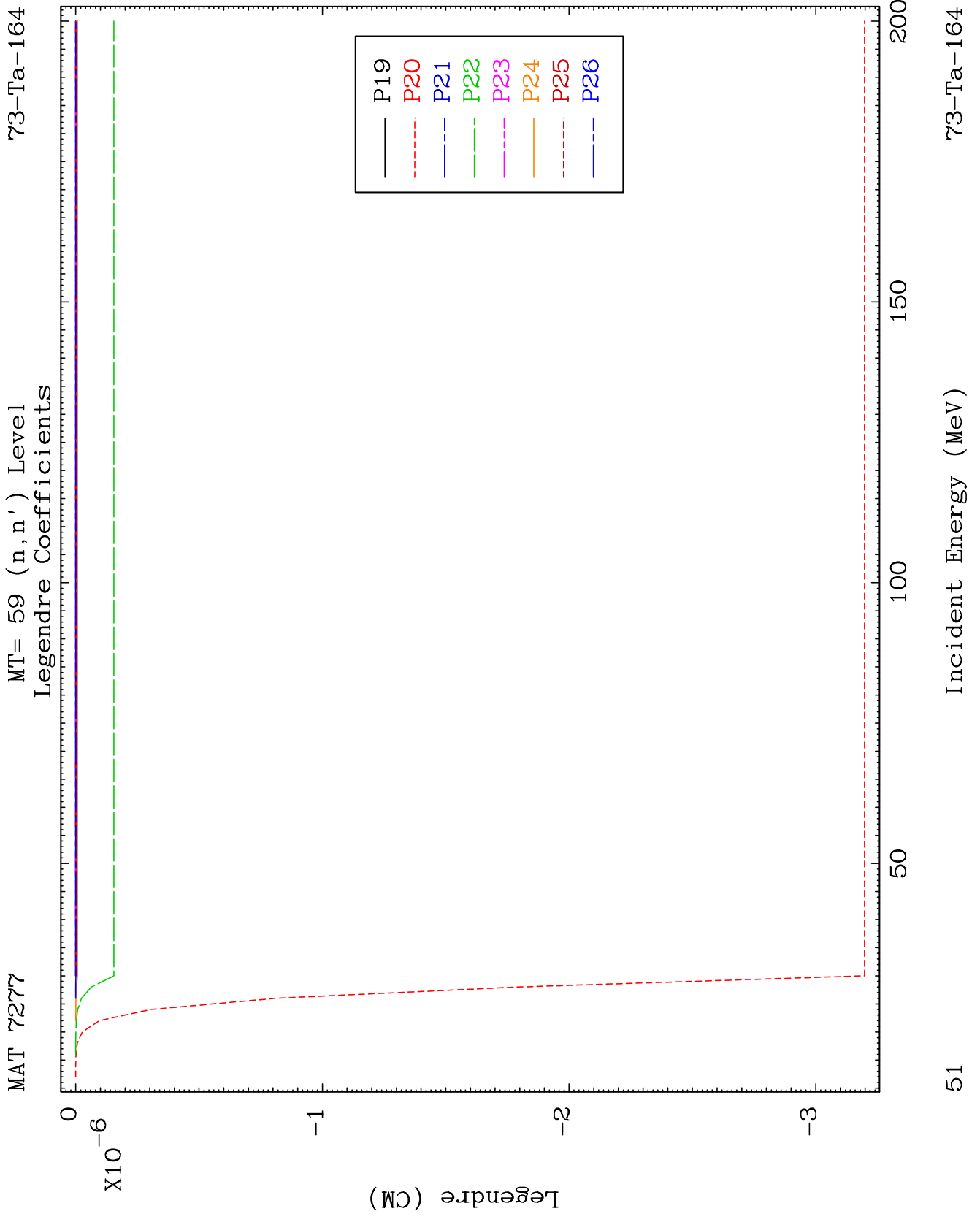


MAT 7277

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

73-Ta-164

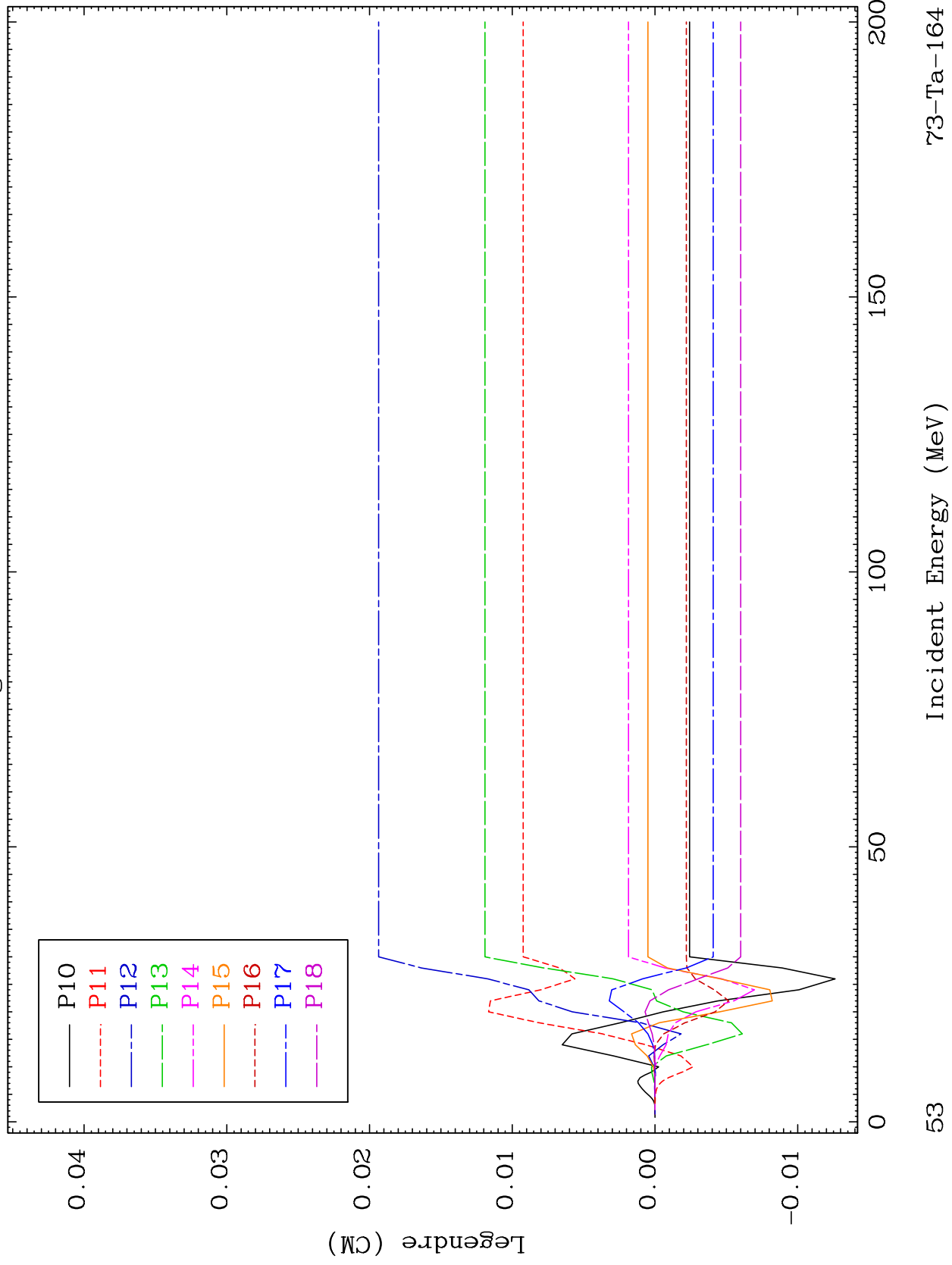




MAT 7277

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

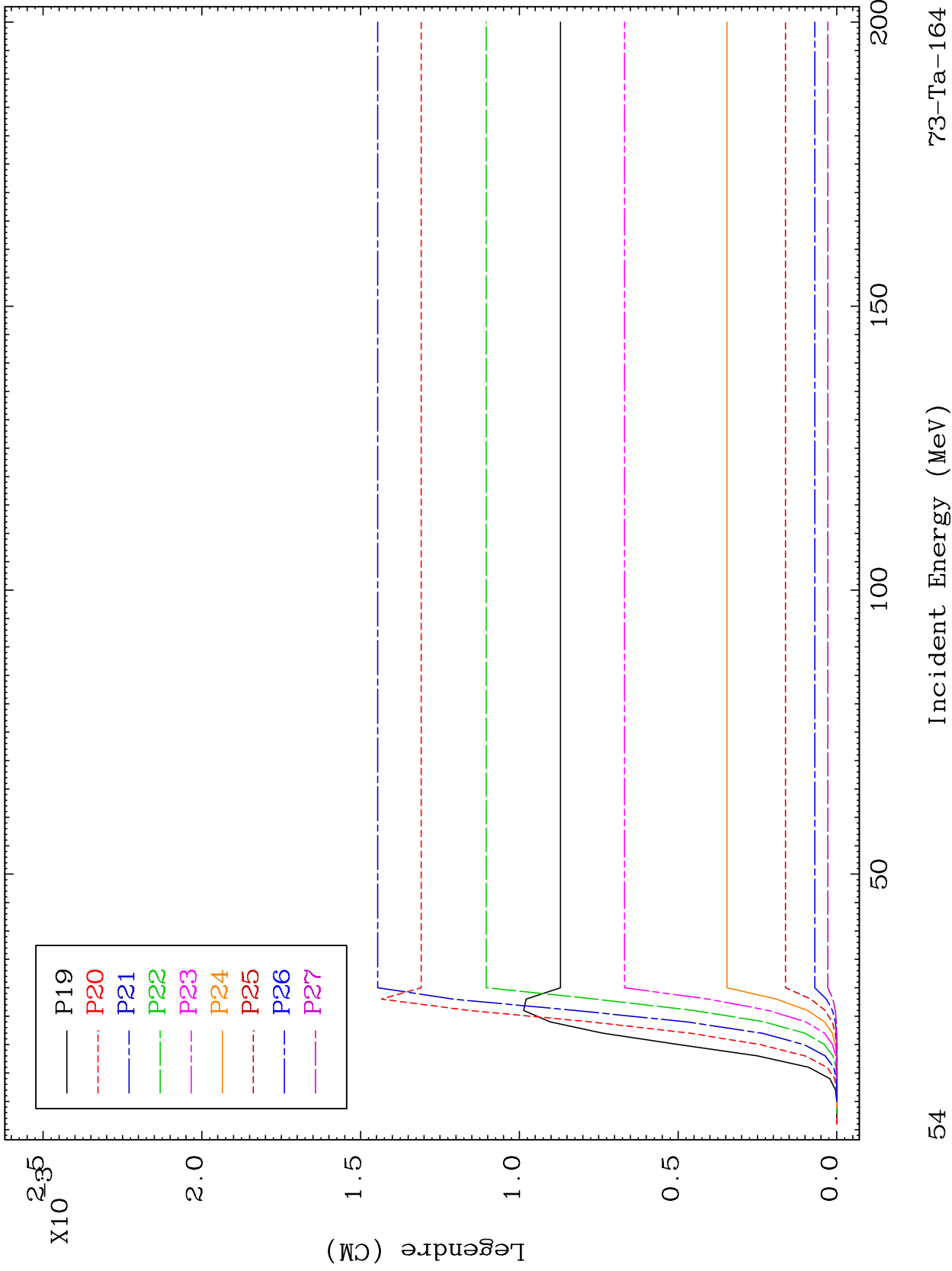
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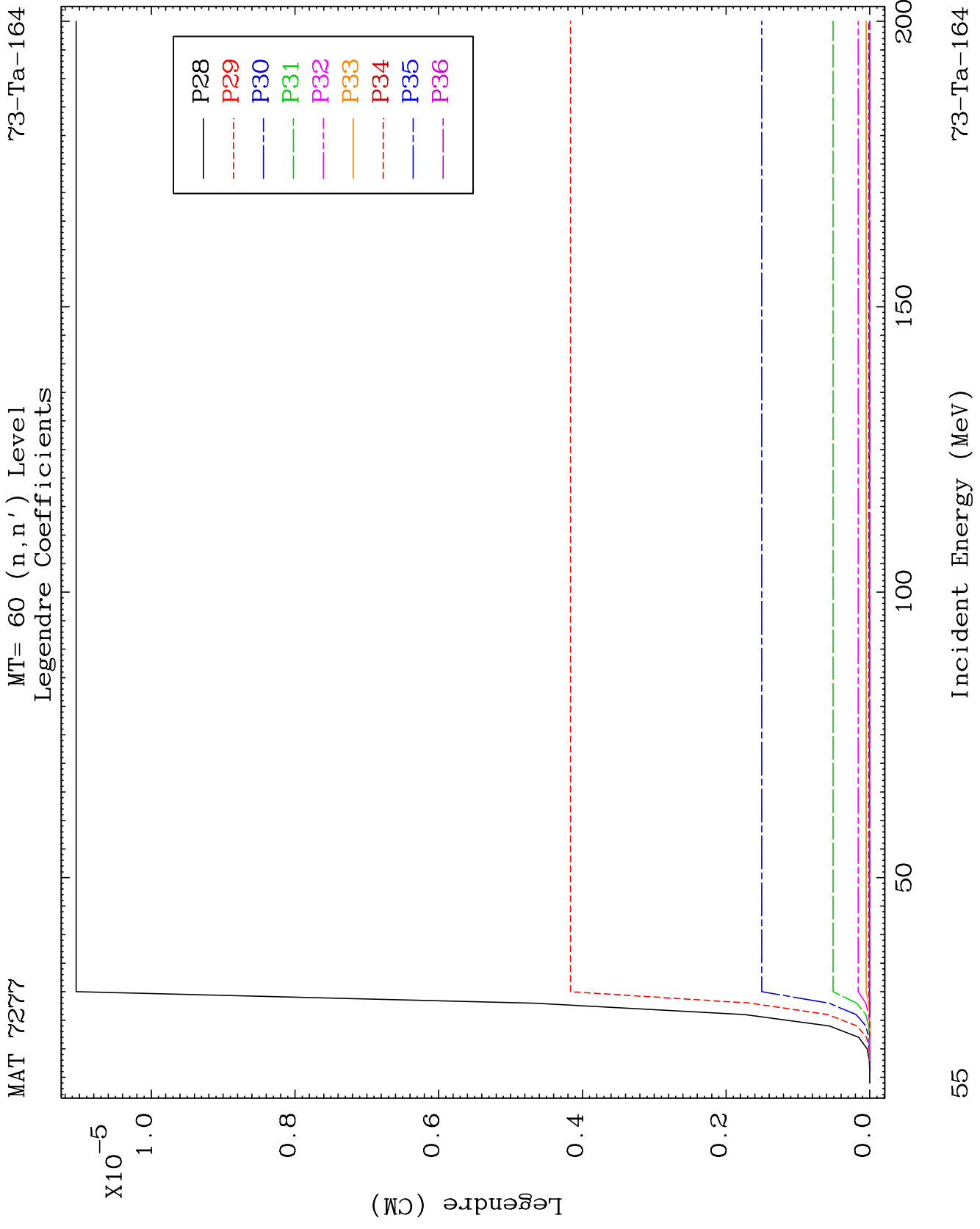


53

Incident Energy (MeV)

73-Ta-164

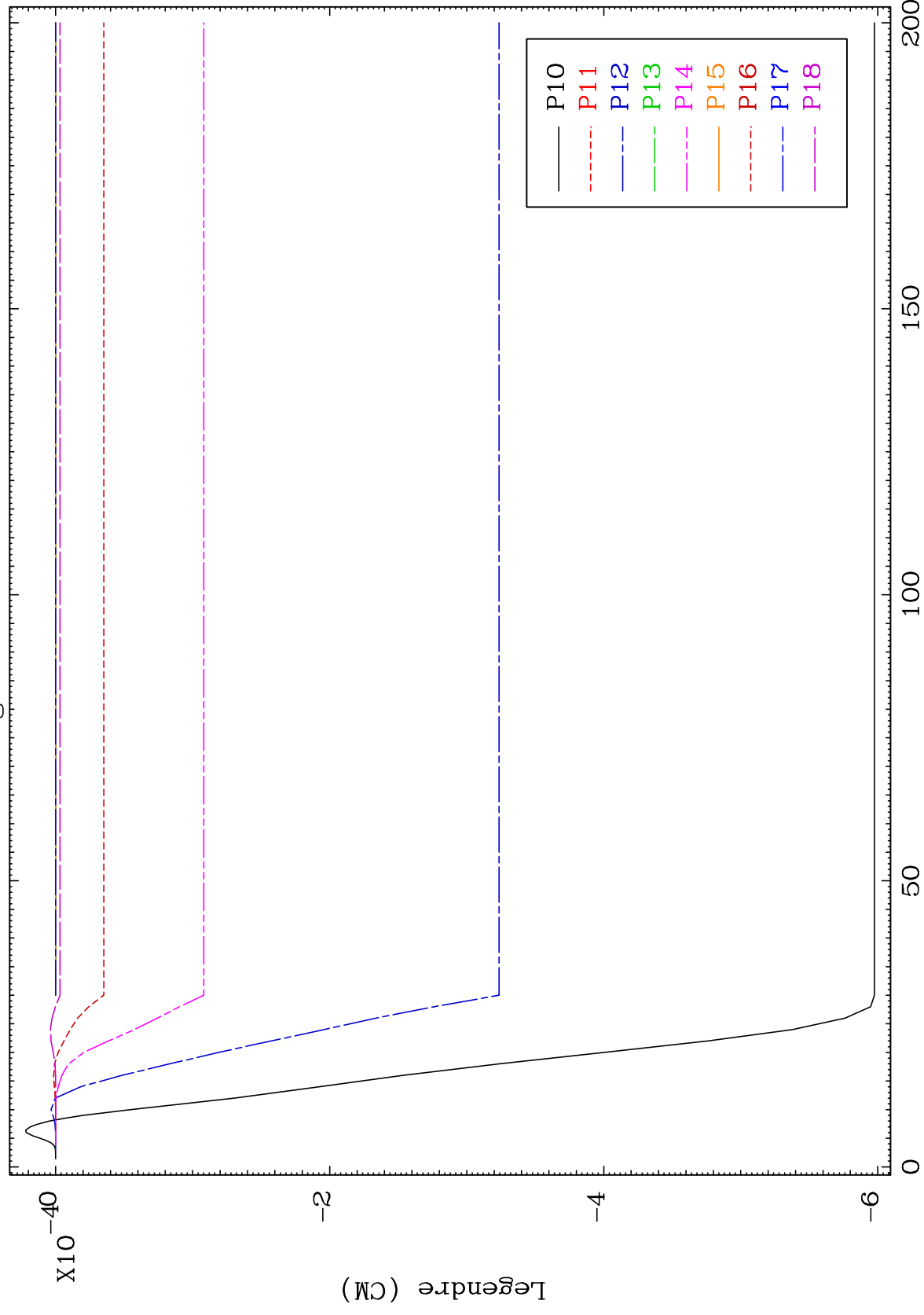




MAT 7277

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

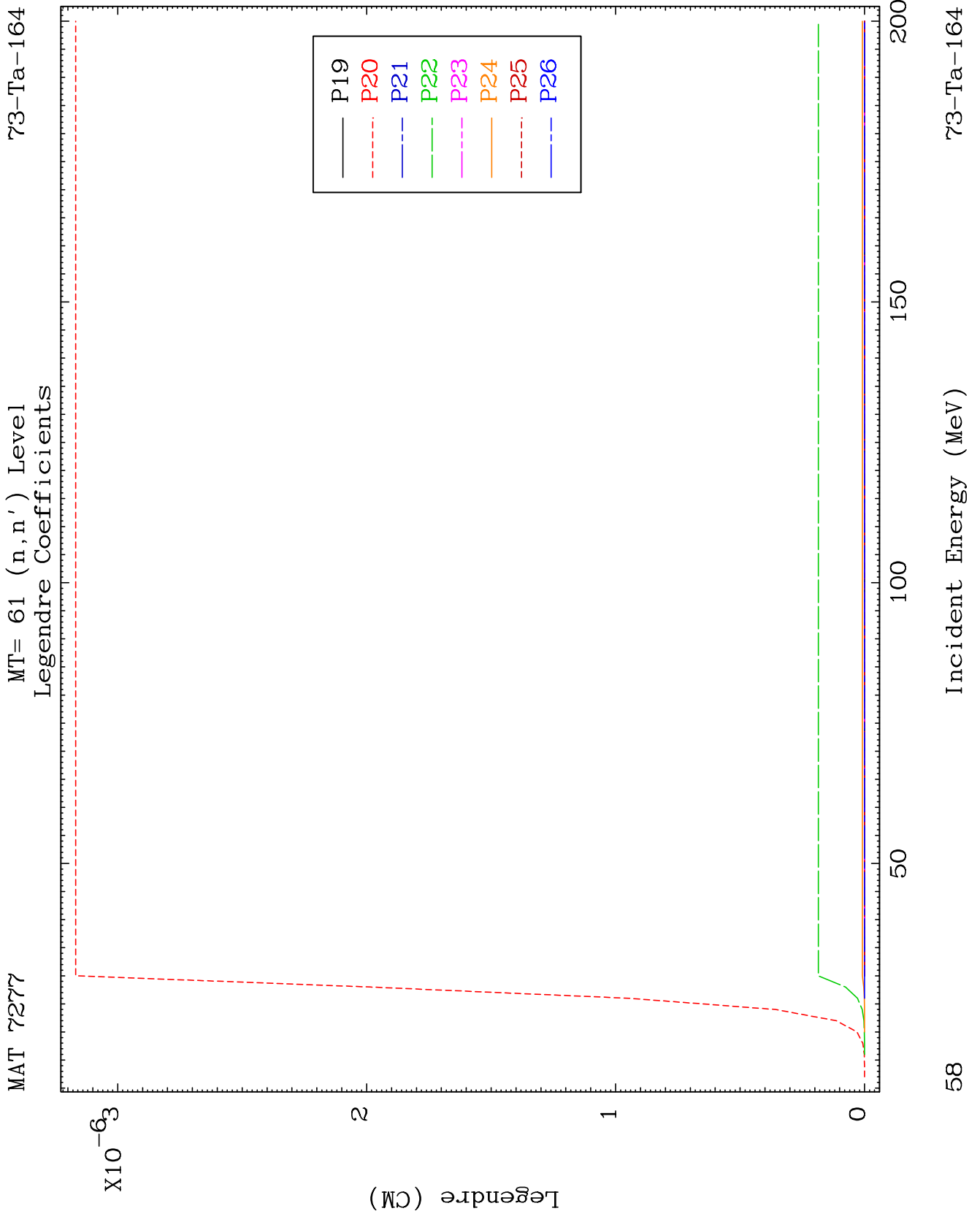
73-Ta-164



57

Incident Energy (MeV)

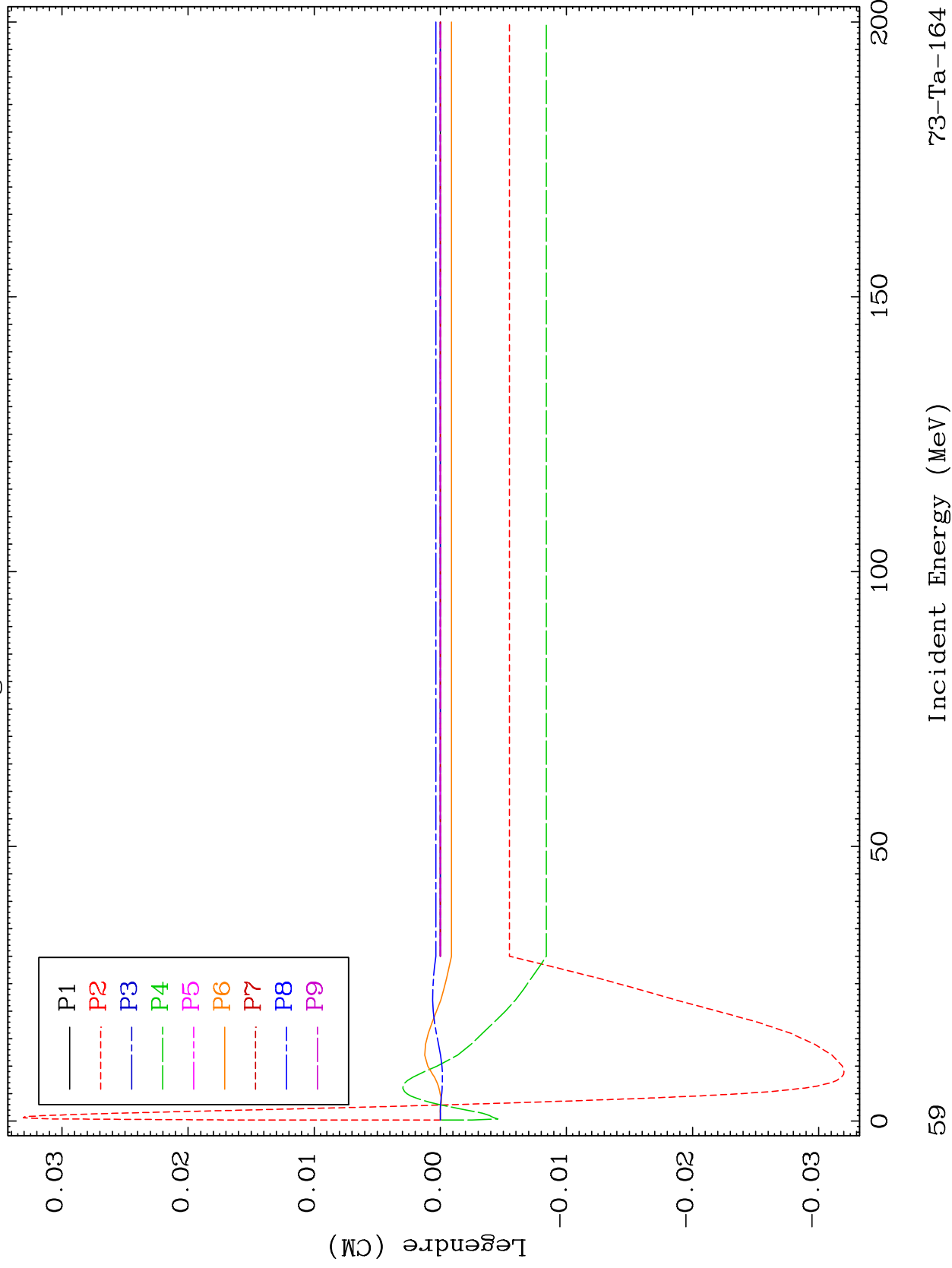
73-Ta-164



MAT 7277

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

73-Ta-164



73-Ta-164

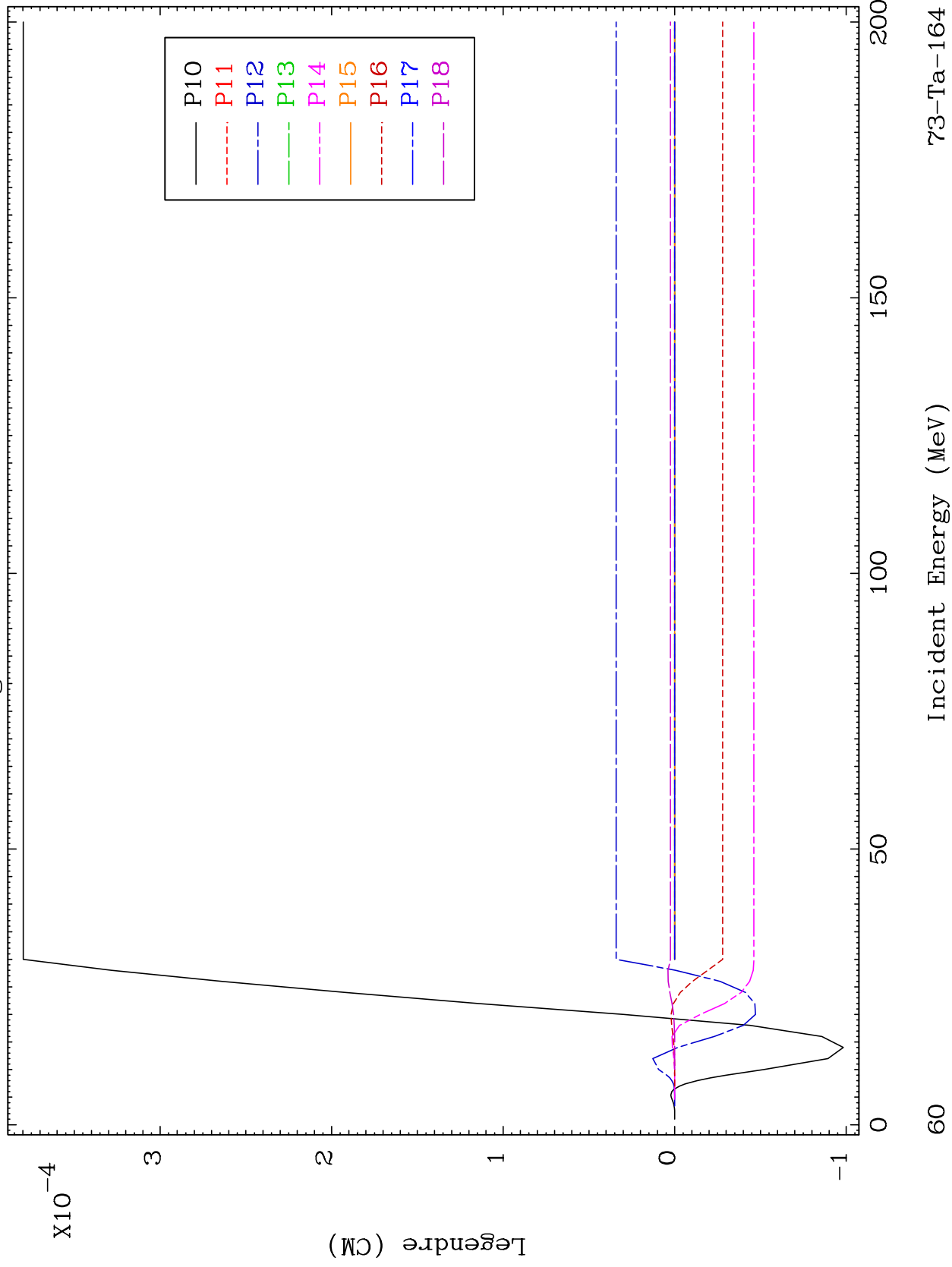
Incident Energy (MeV)

59

MAT 7277

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

73-Ta-164

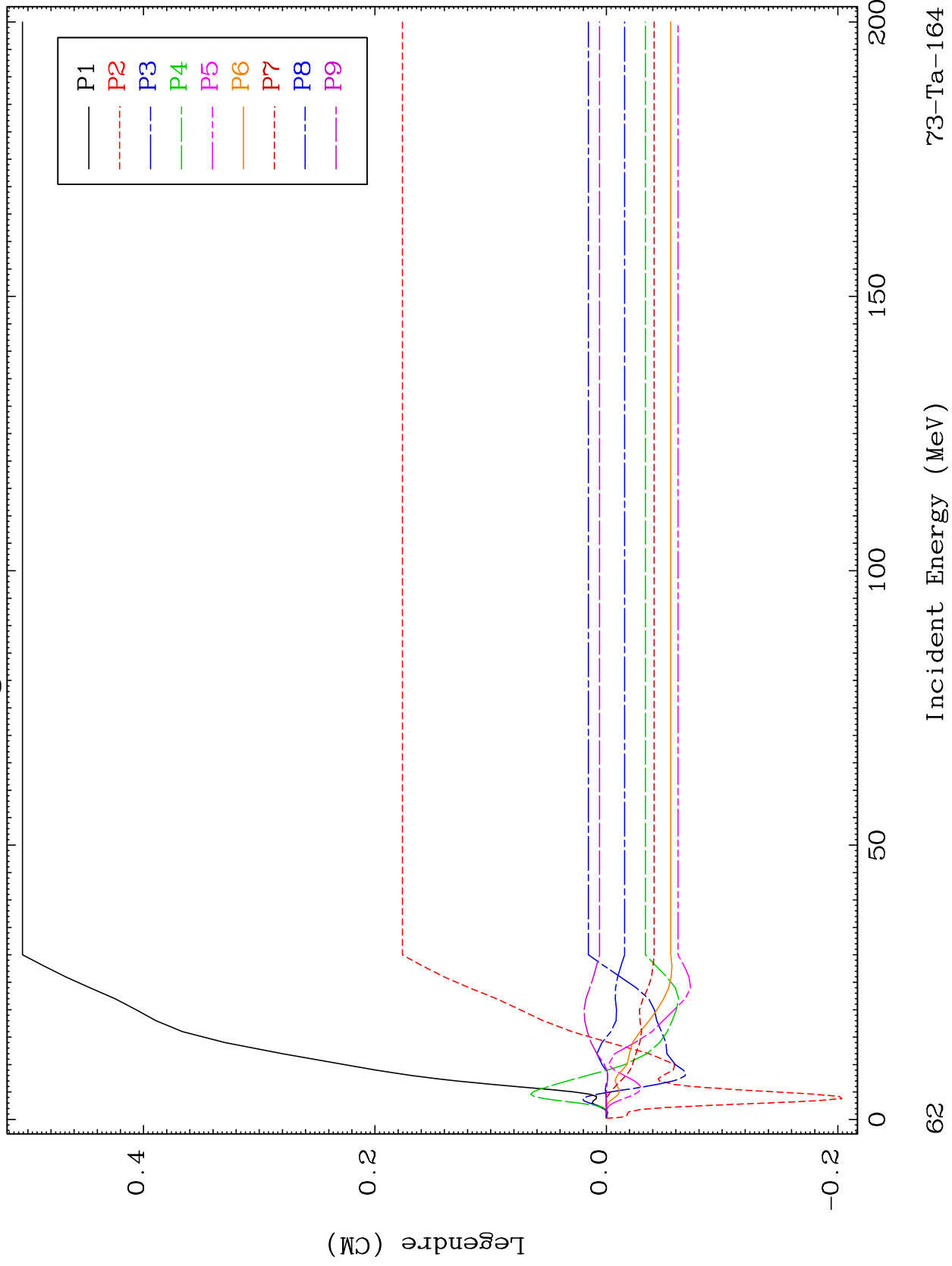


73-Ta-164

MAT 7277

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

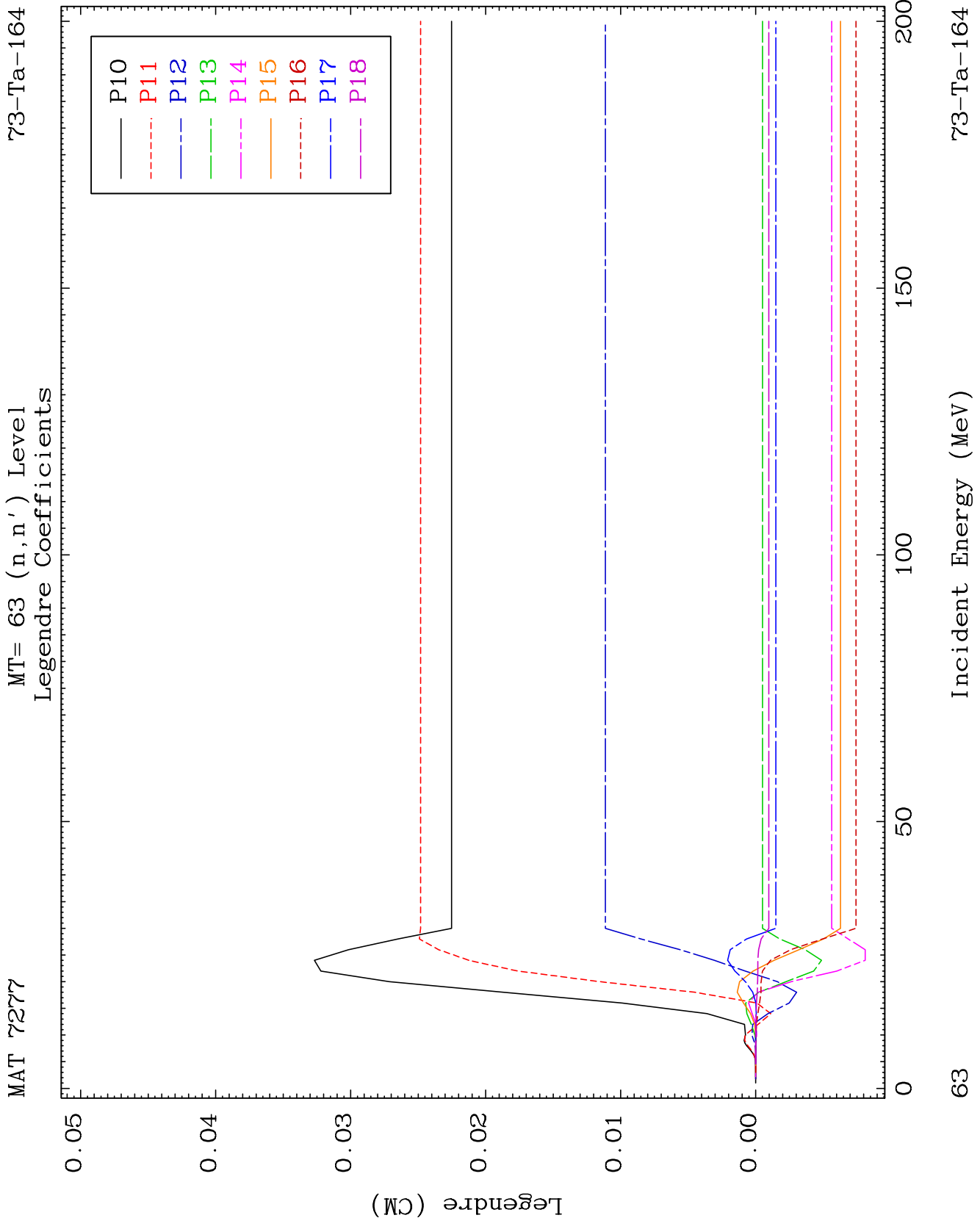
73-Ta-164



73-Ta-164

Incident Energy (MeV)

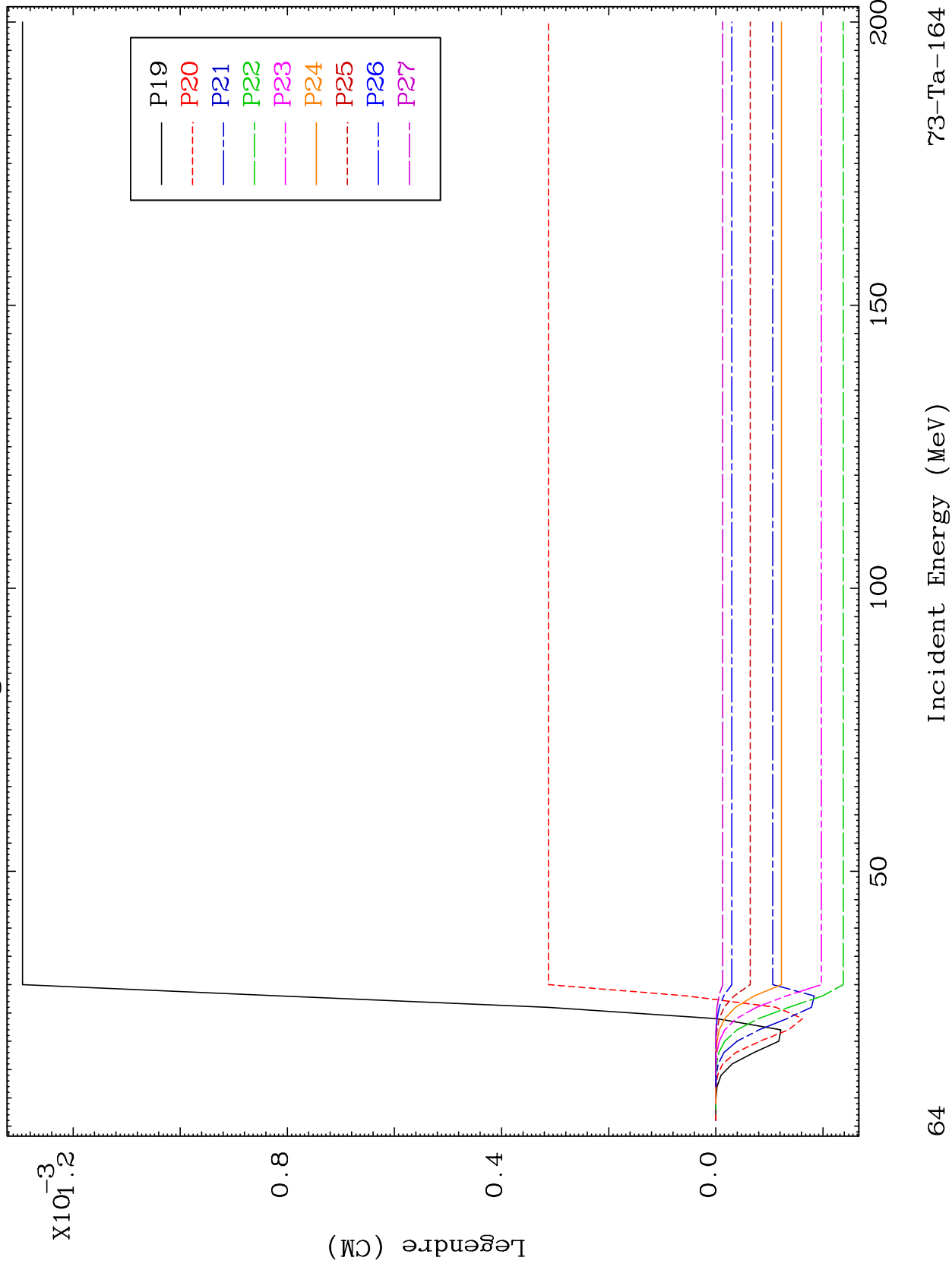
62



MAT 7277

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

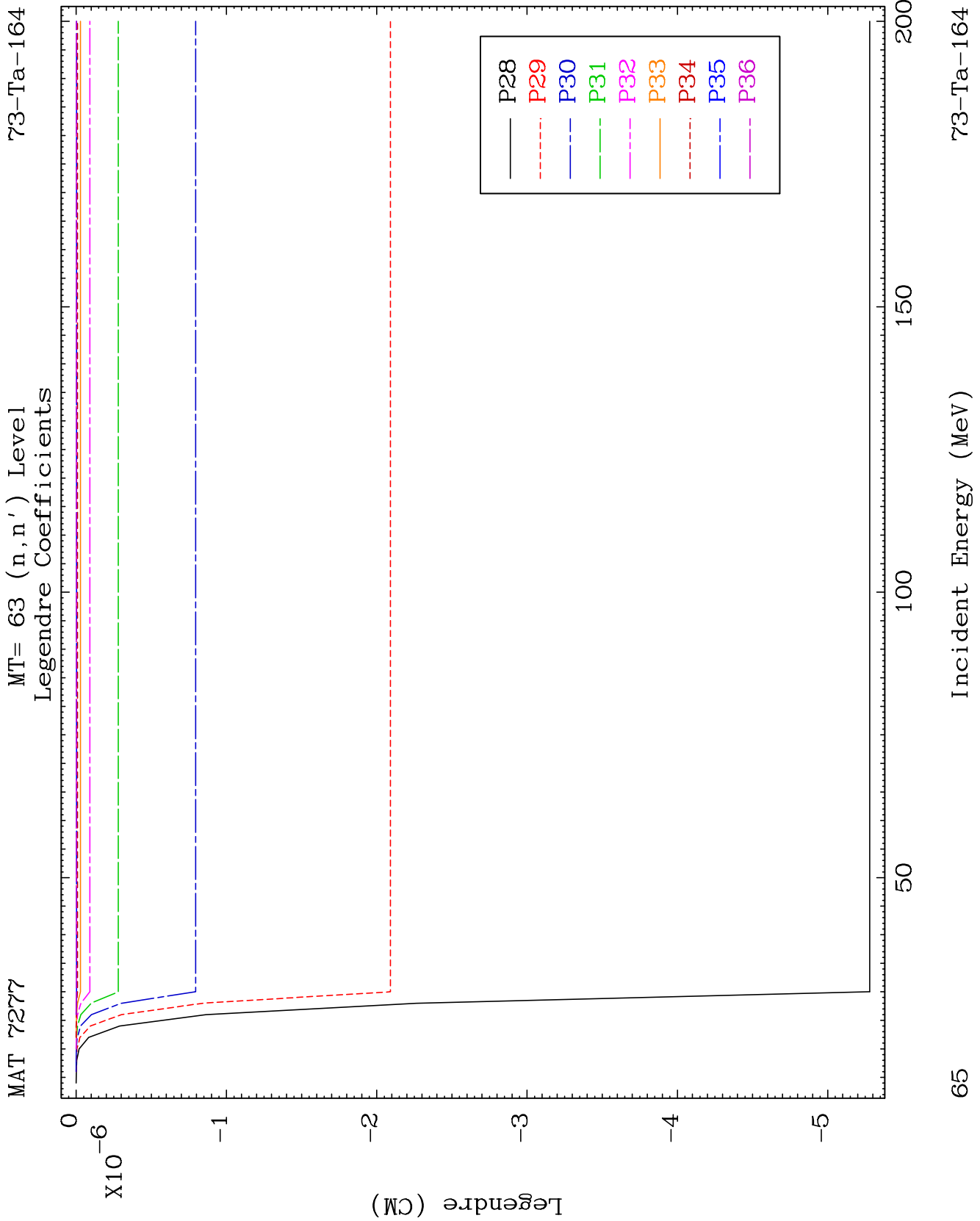
73-Ta-164



64

Incident Energy (MeV)

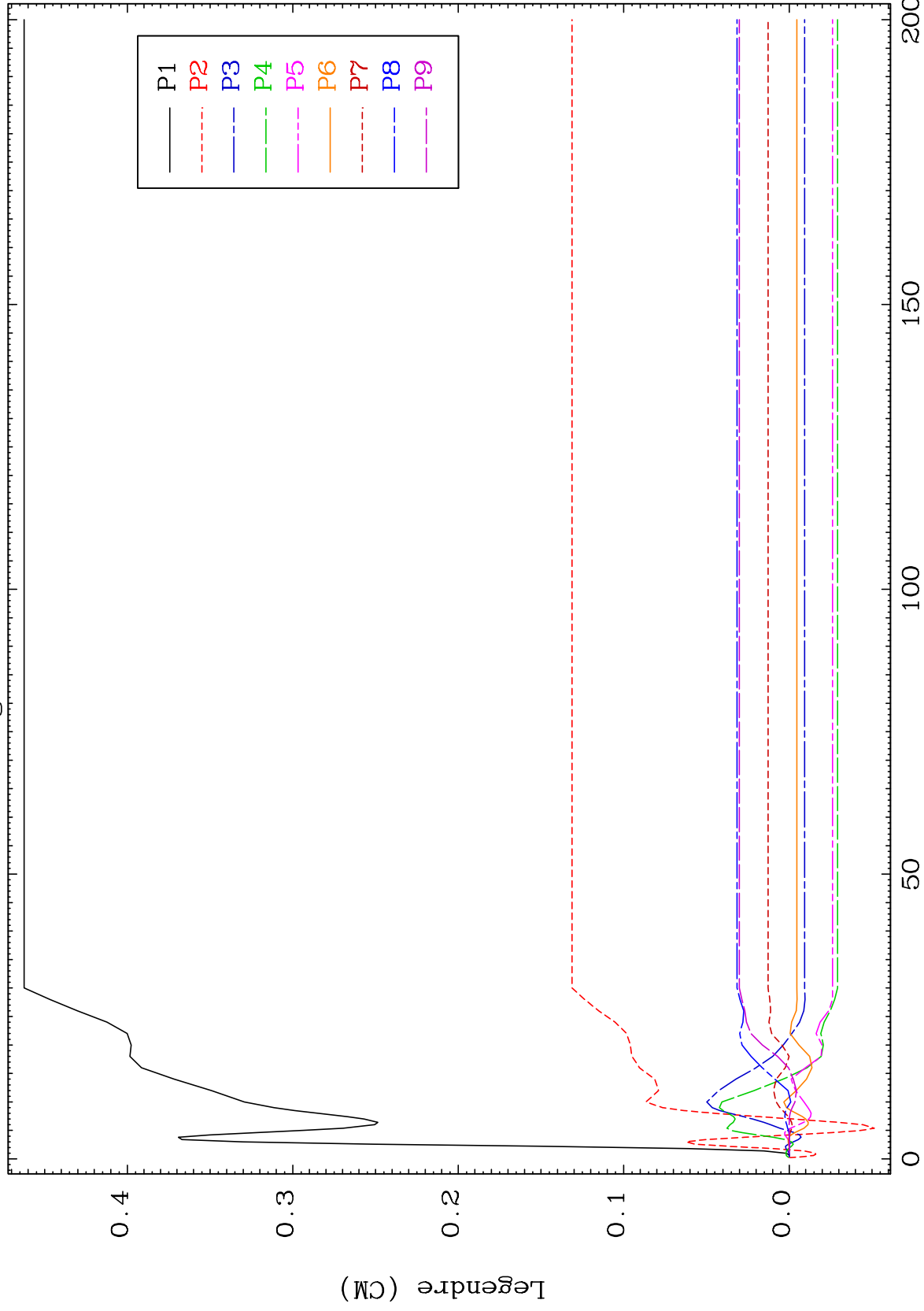
73-Ta-164



MAT 7277

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

73-Ta-164



66

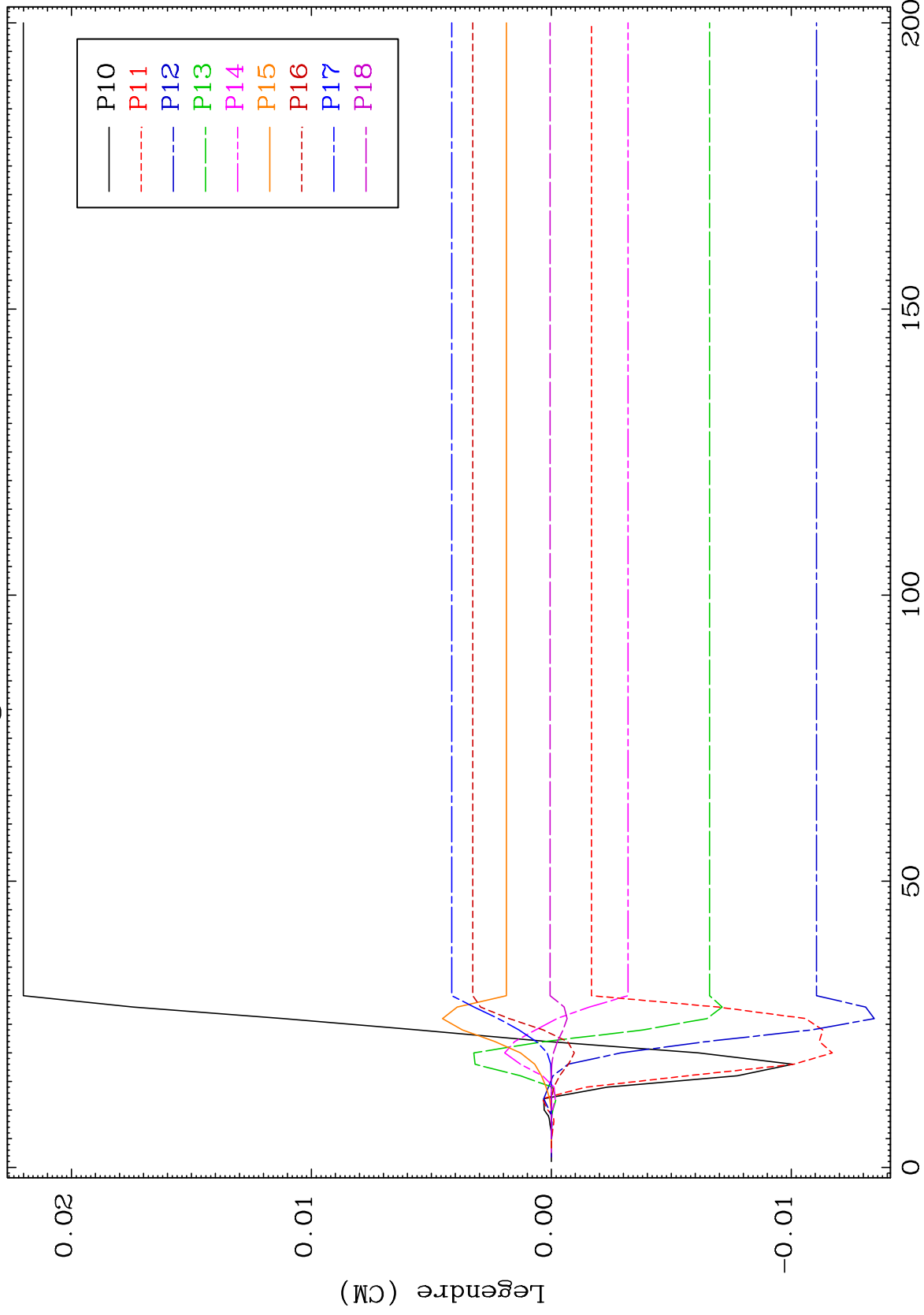
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



67

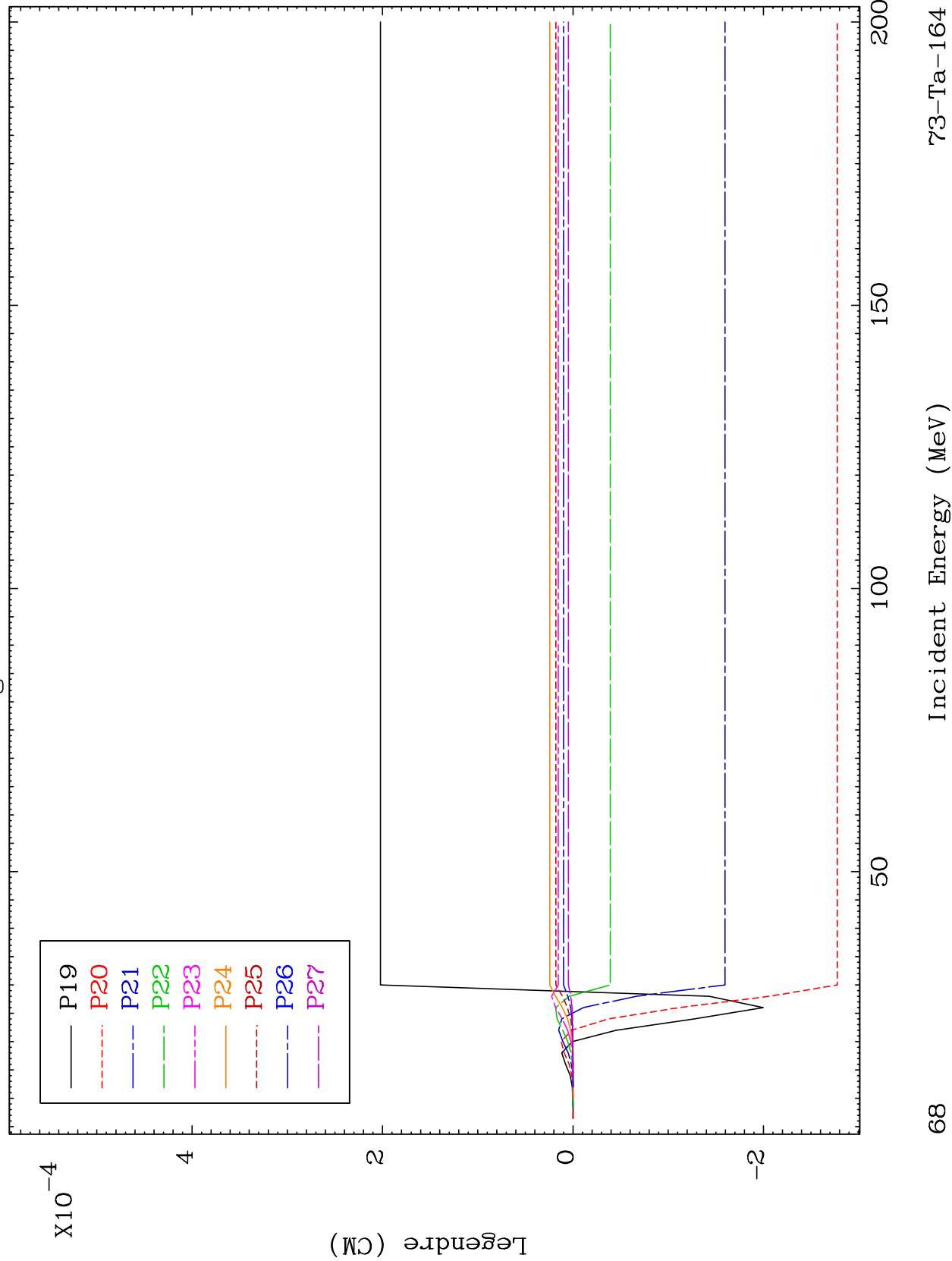
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



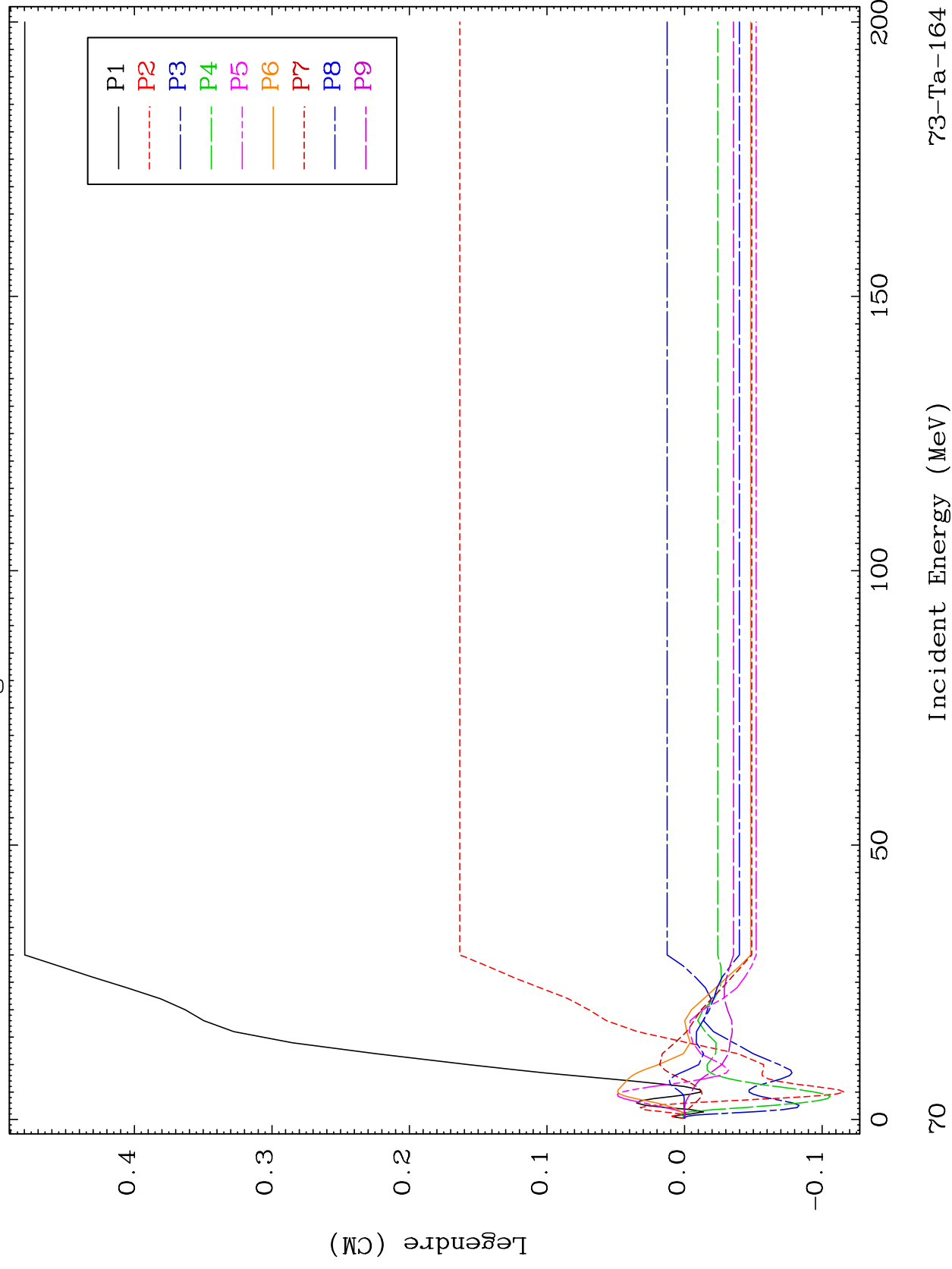
68

73-Ta-164

MAT 7277

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

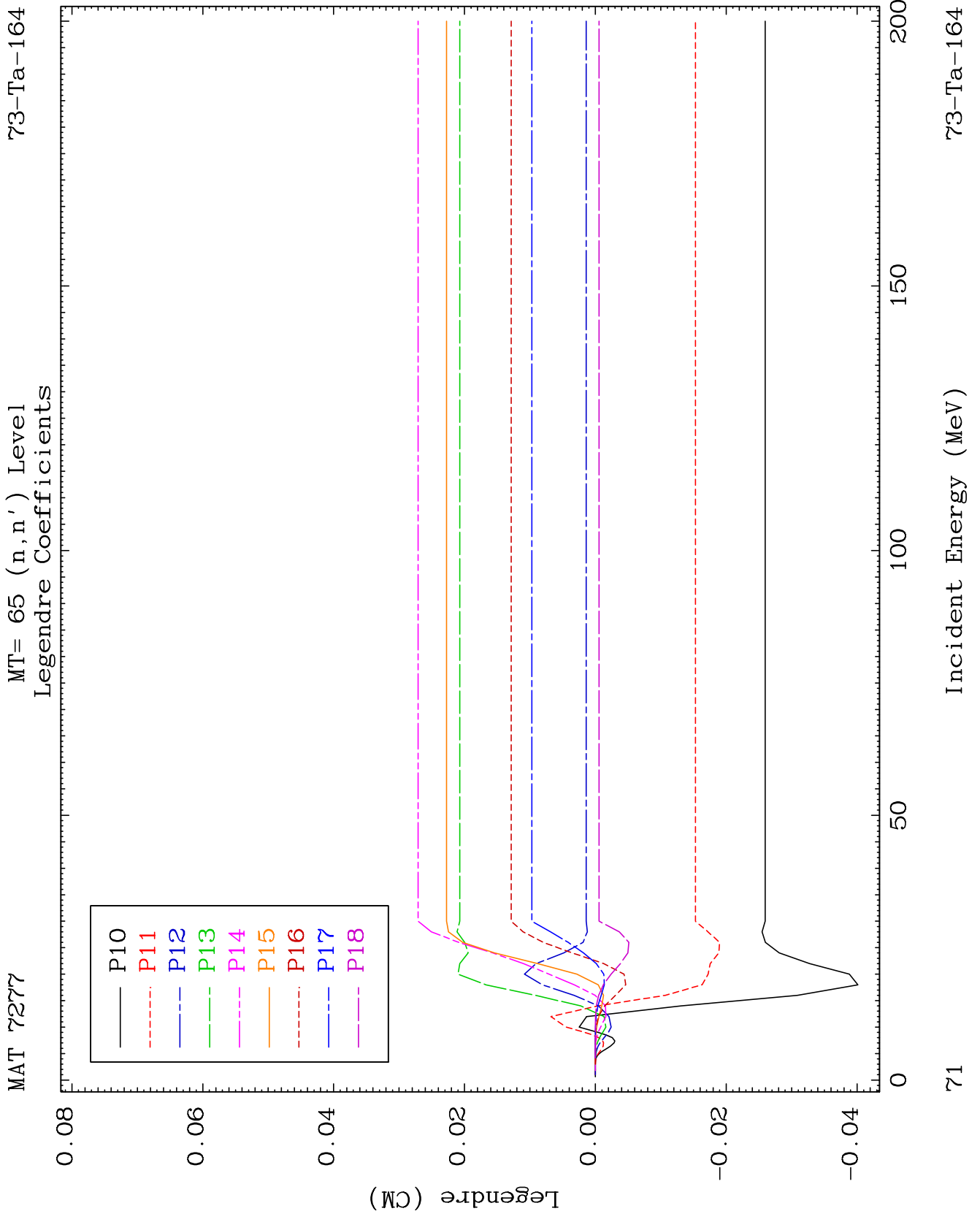
73-Ta-164

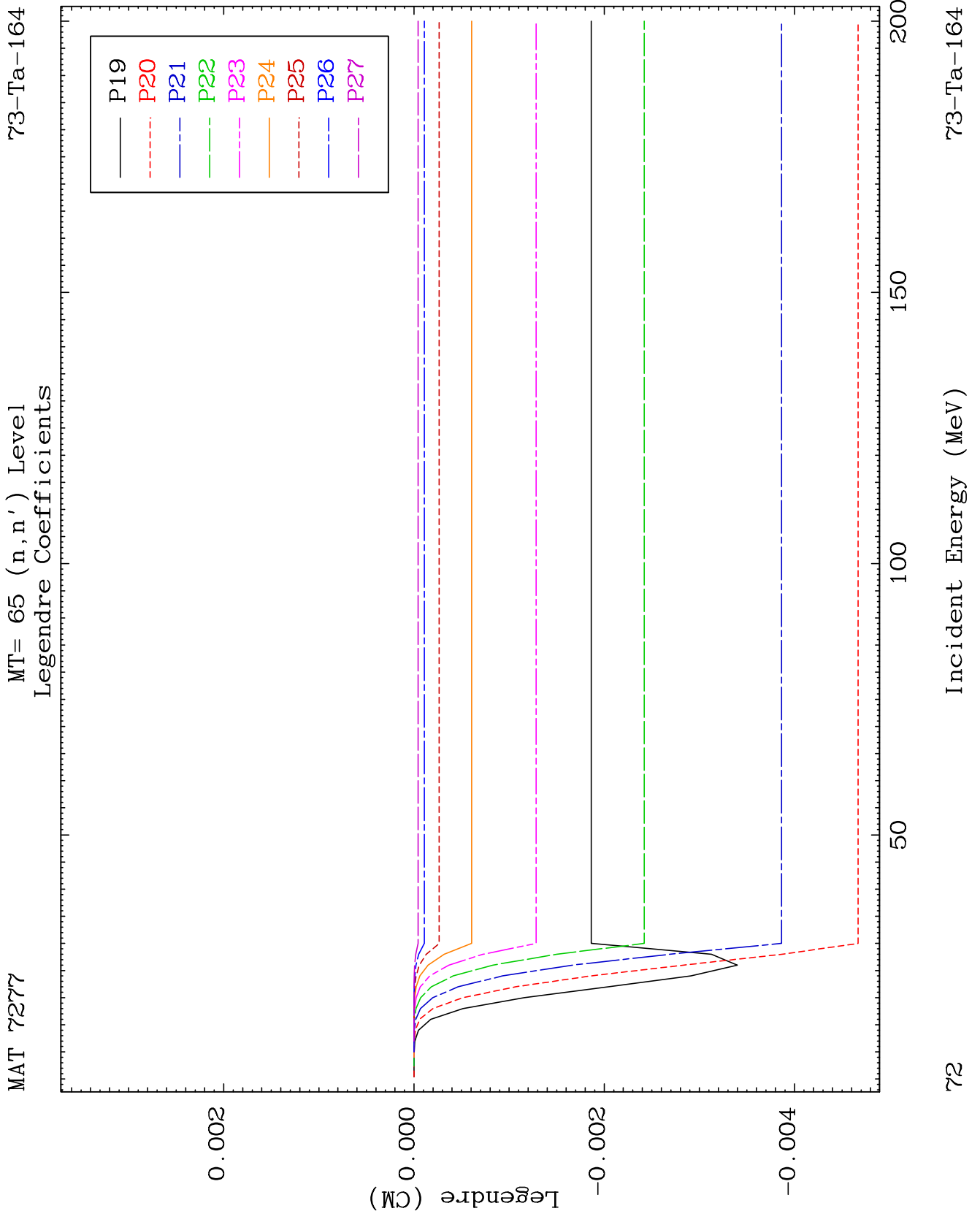


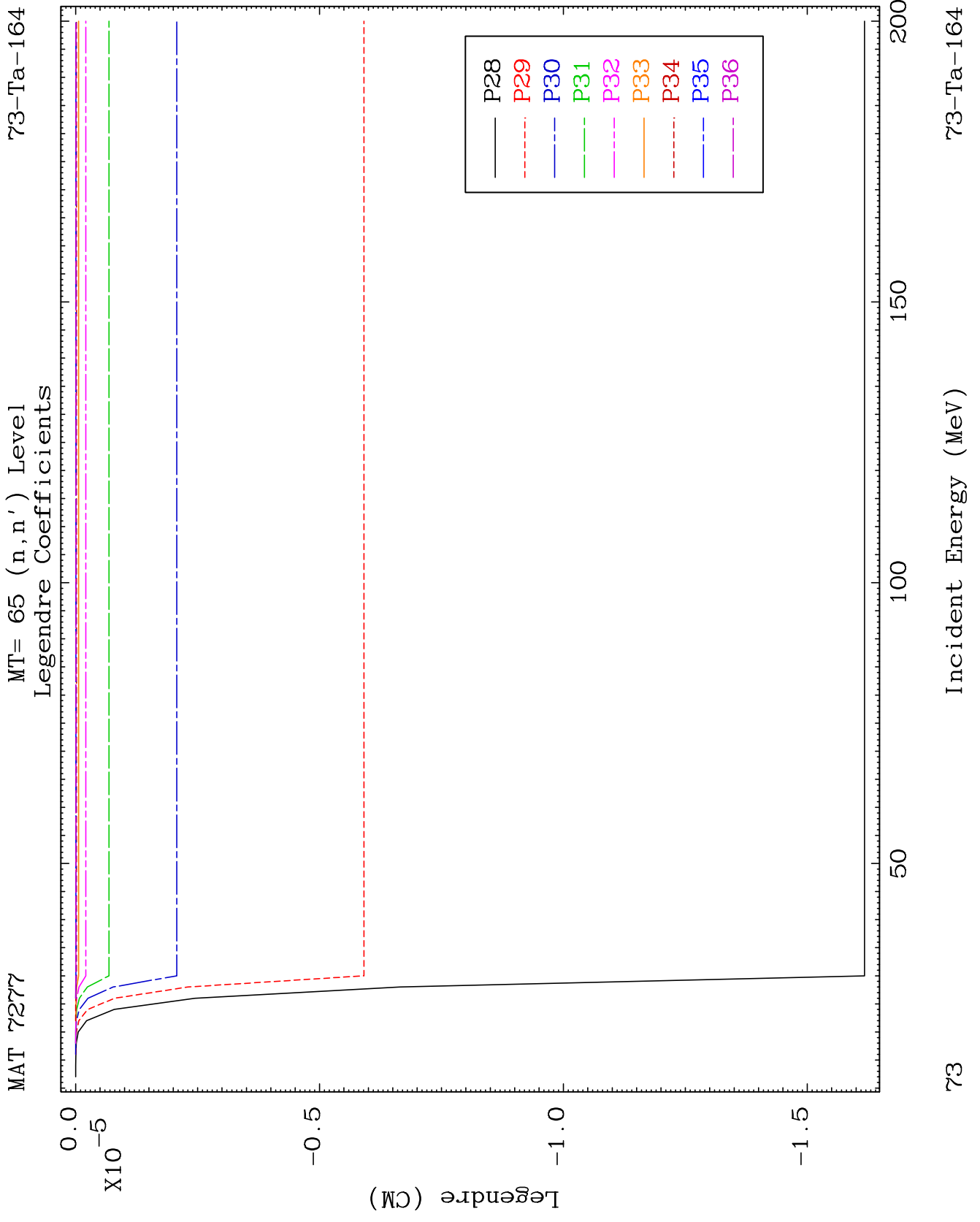
73-Ta-164

Incident Energy (MeV)

70



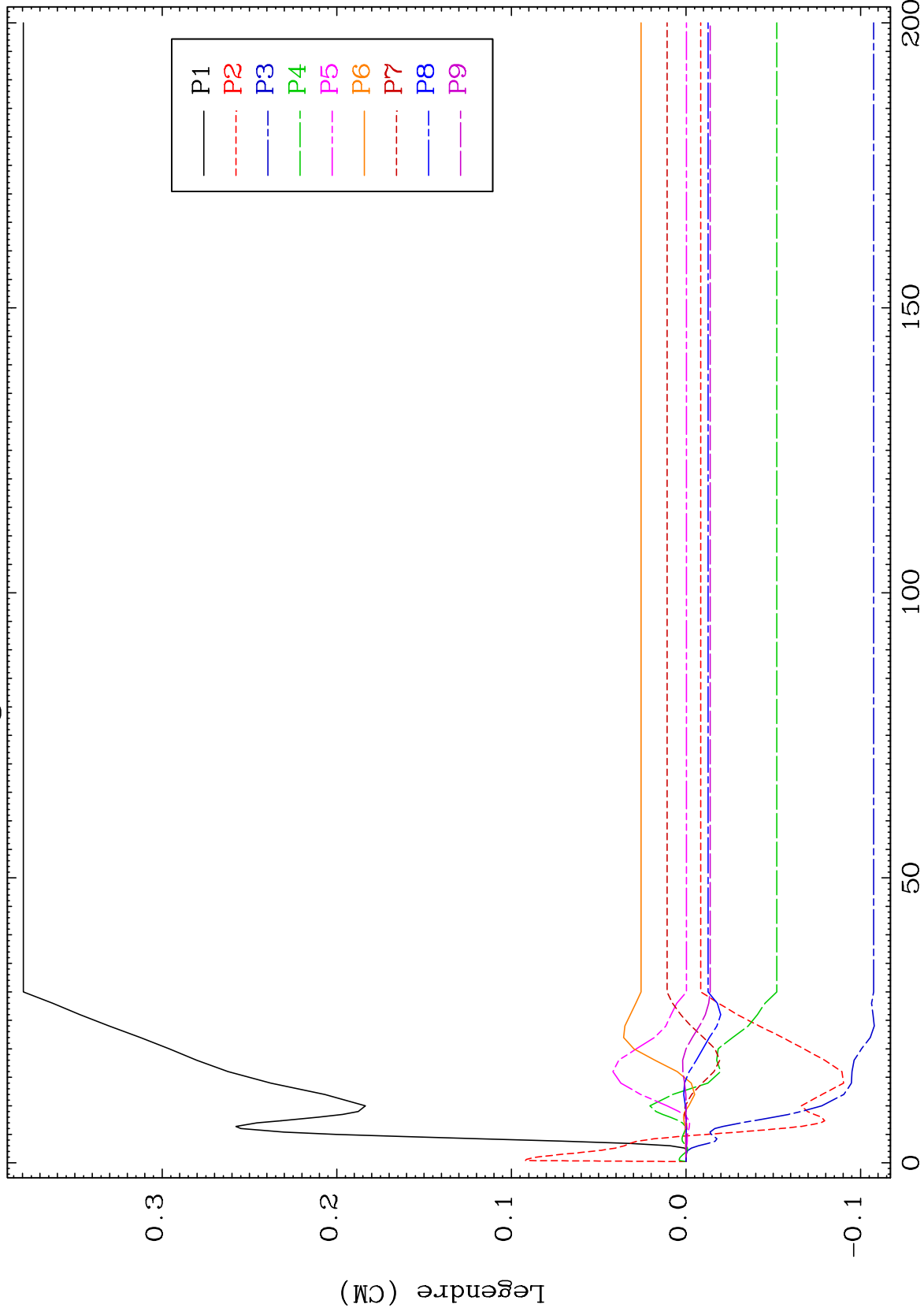




MAT 7277

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

73-Ta-164



74

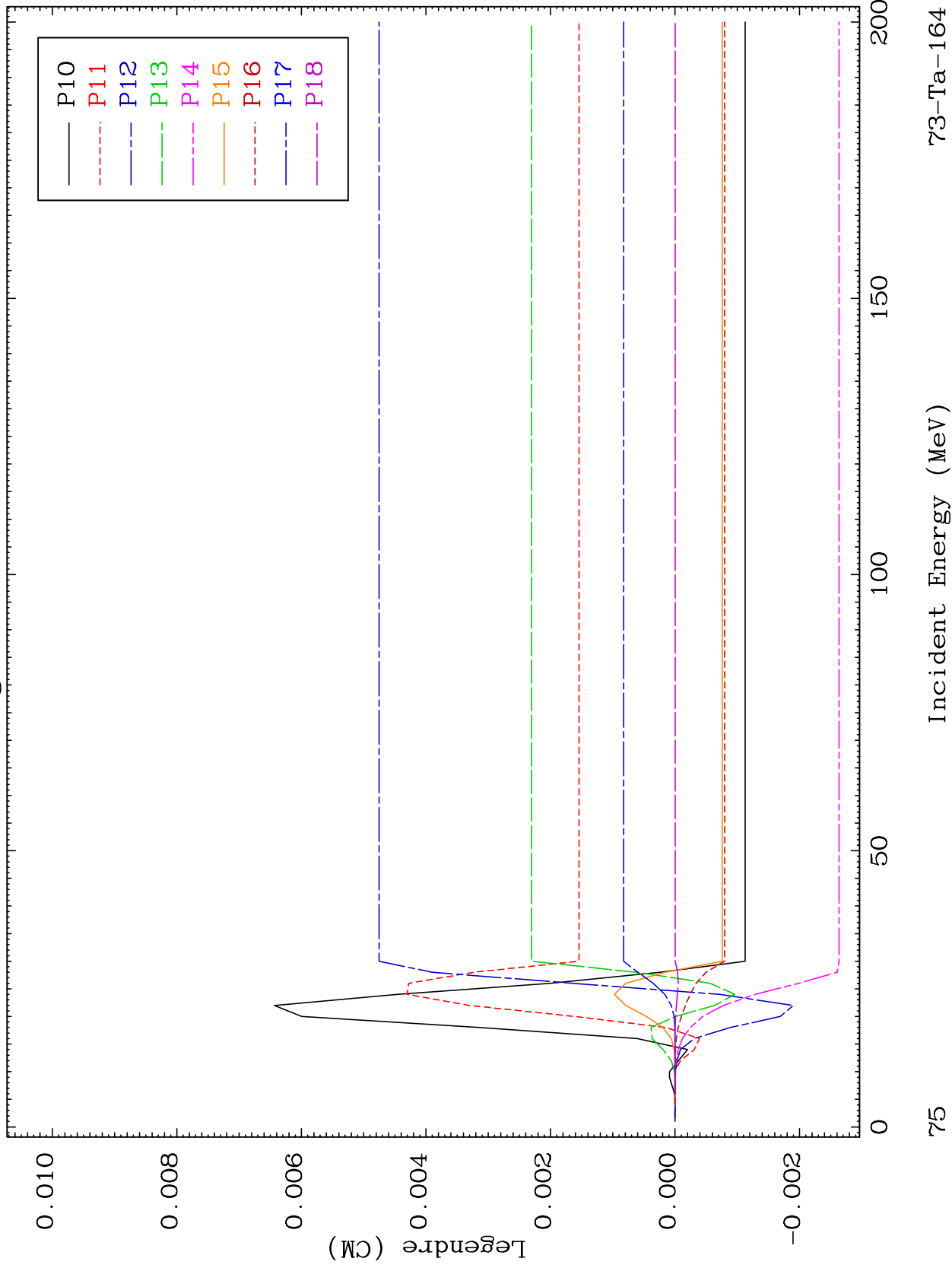
Incident Energy (MeV)

73-Ta-164

MAT 7277

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

73-Ta-164



73-Ta-164

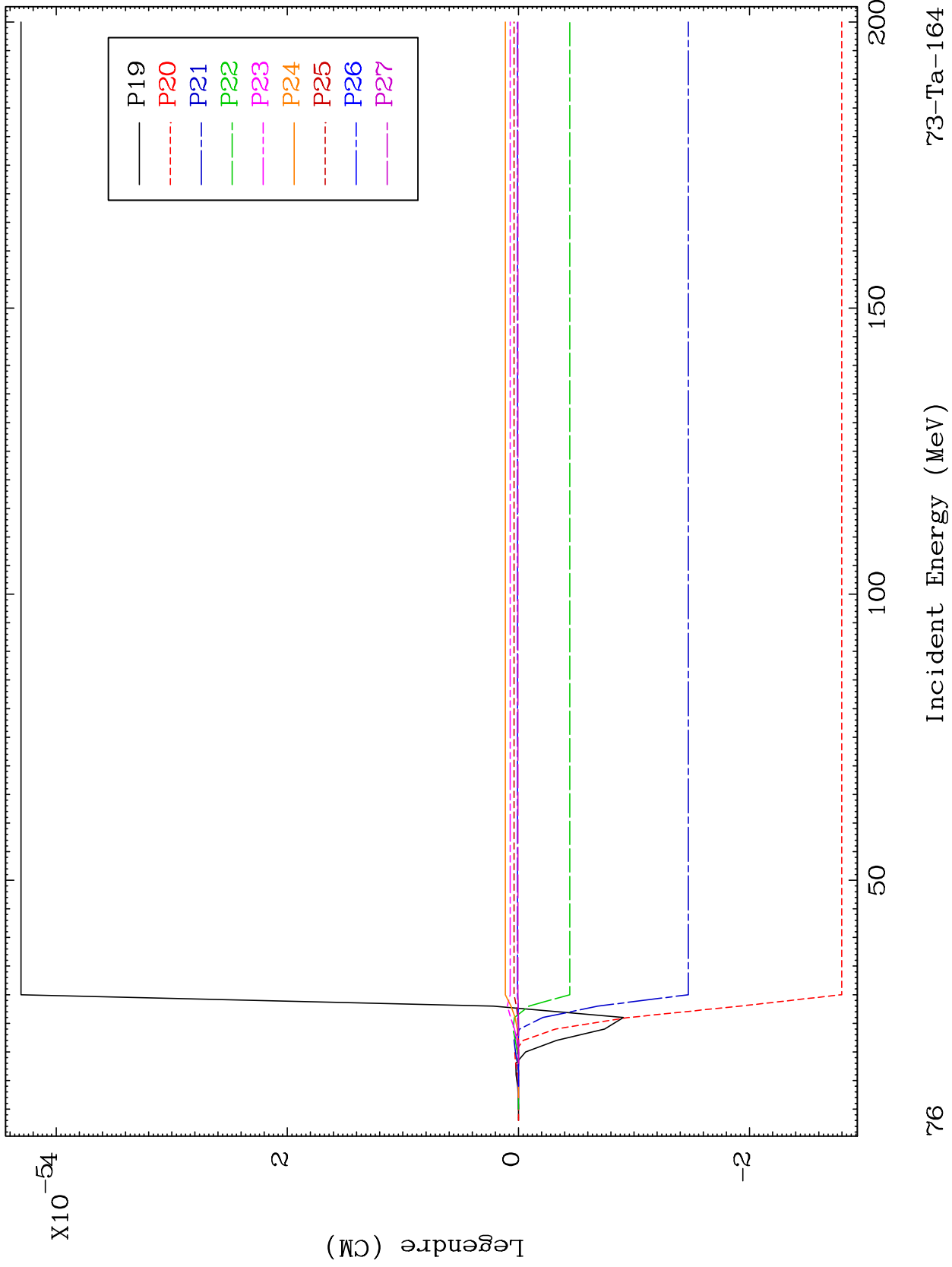
Incident Energy (MeV)

75

MAT 7277

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

73-Ta-164



76

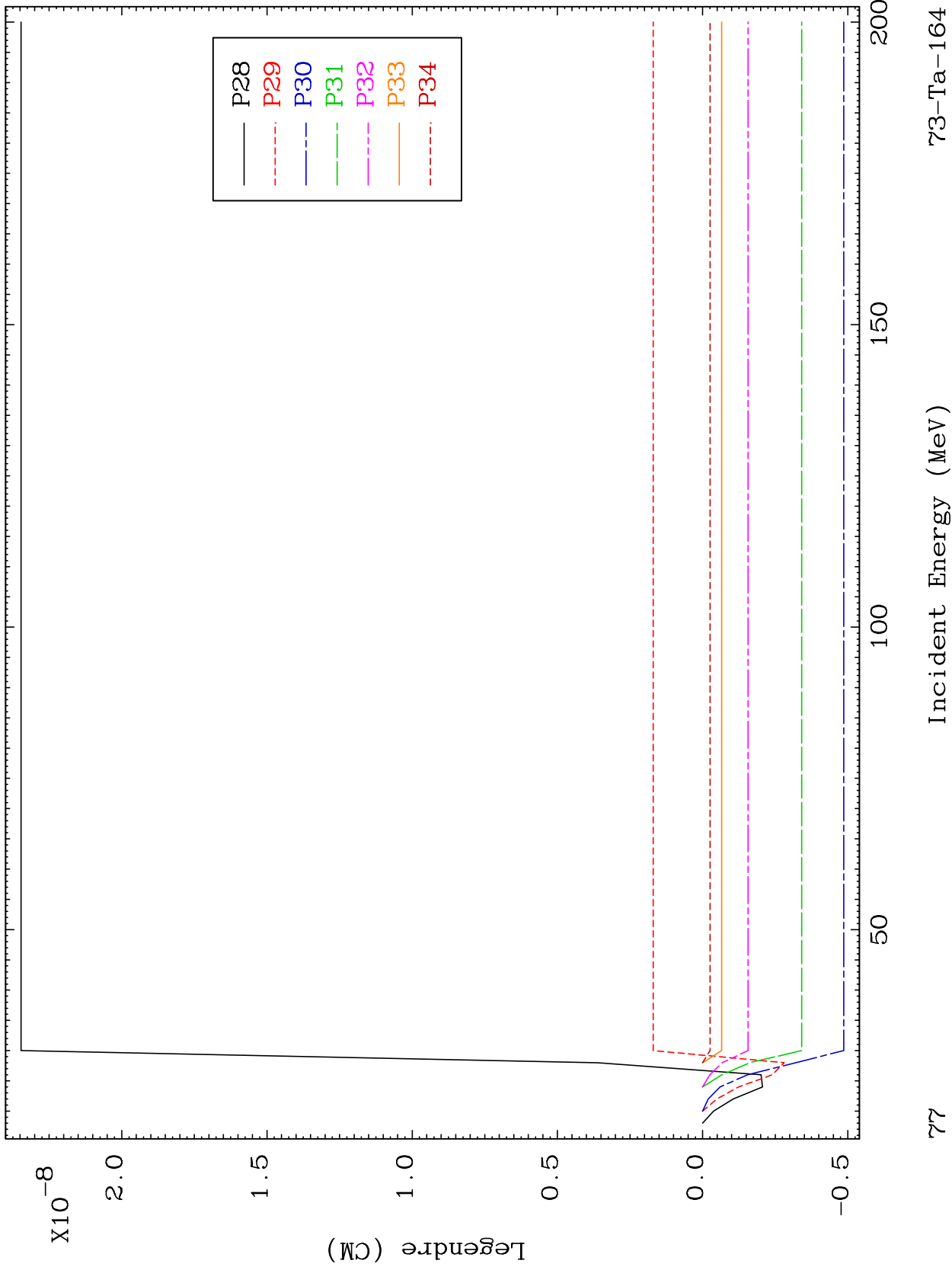
Incident Energy (MeV)

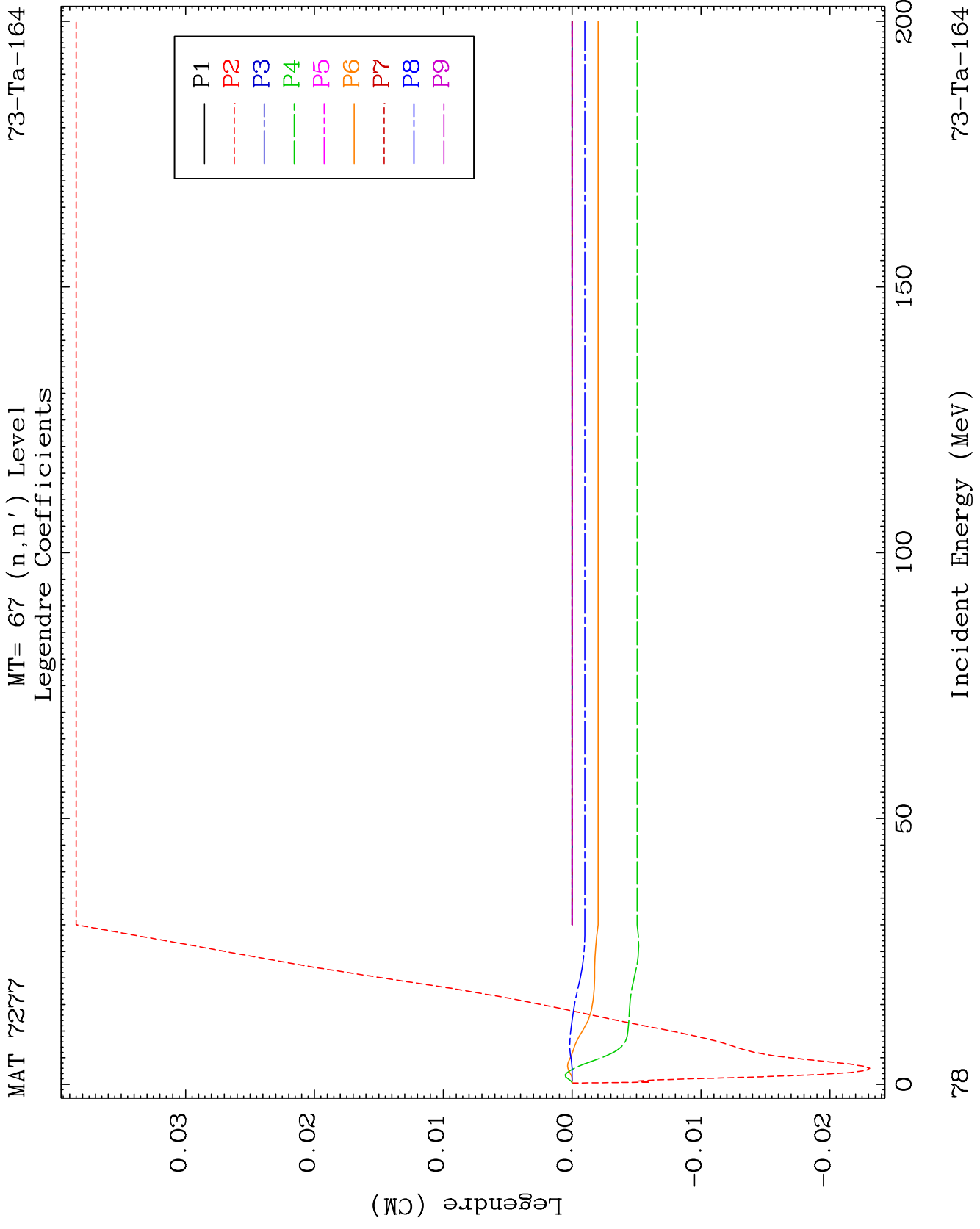
73-Ta-164

MAT 7277

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

73-Ta-164

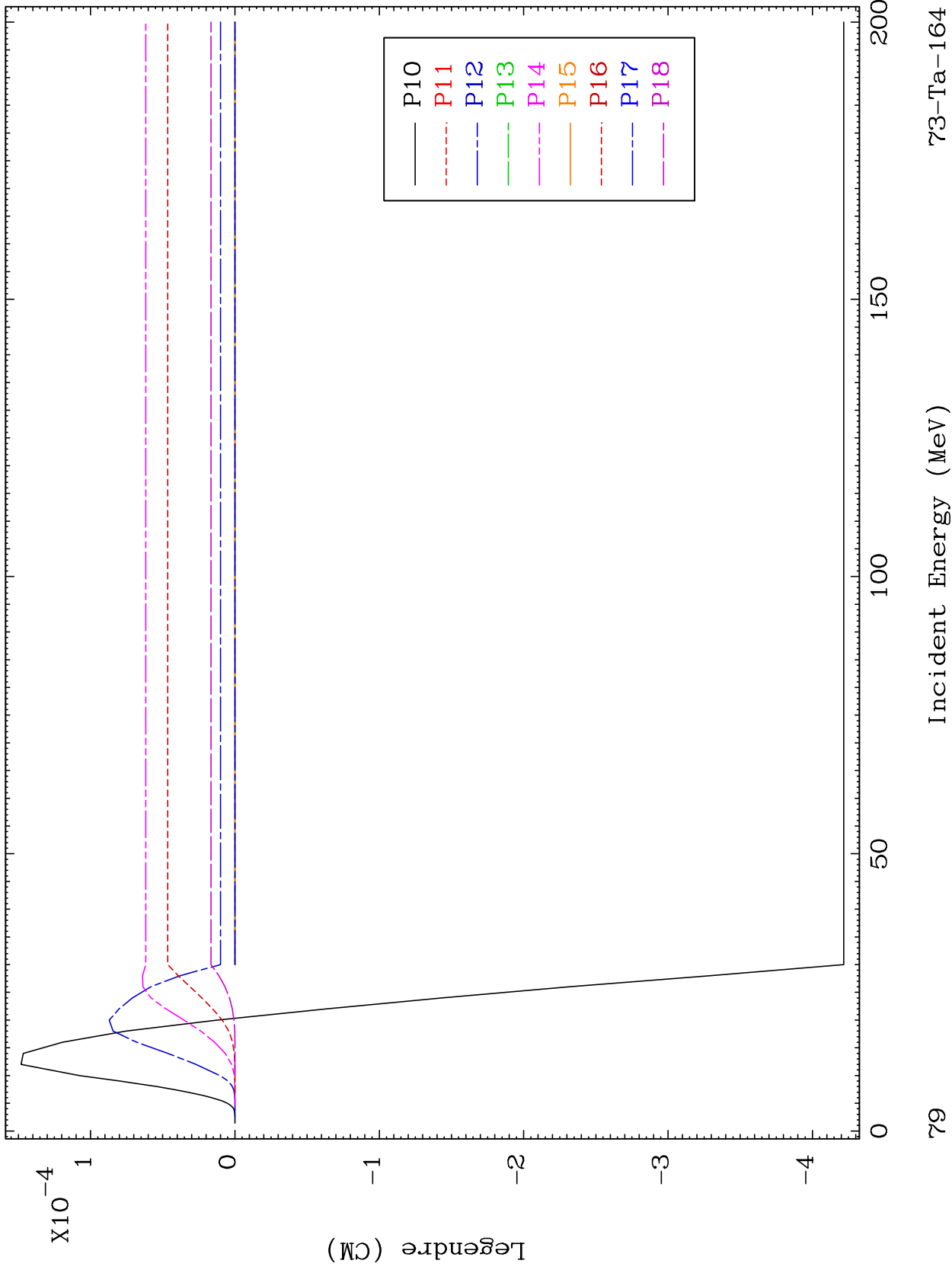




MAT 7277

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

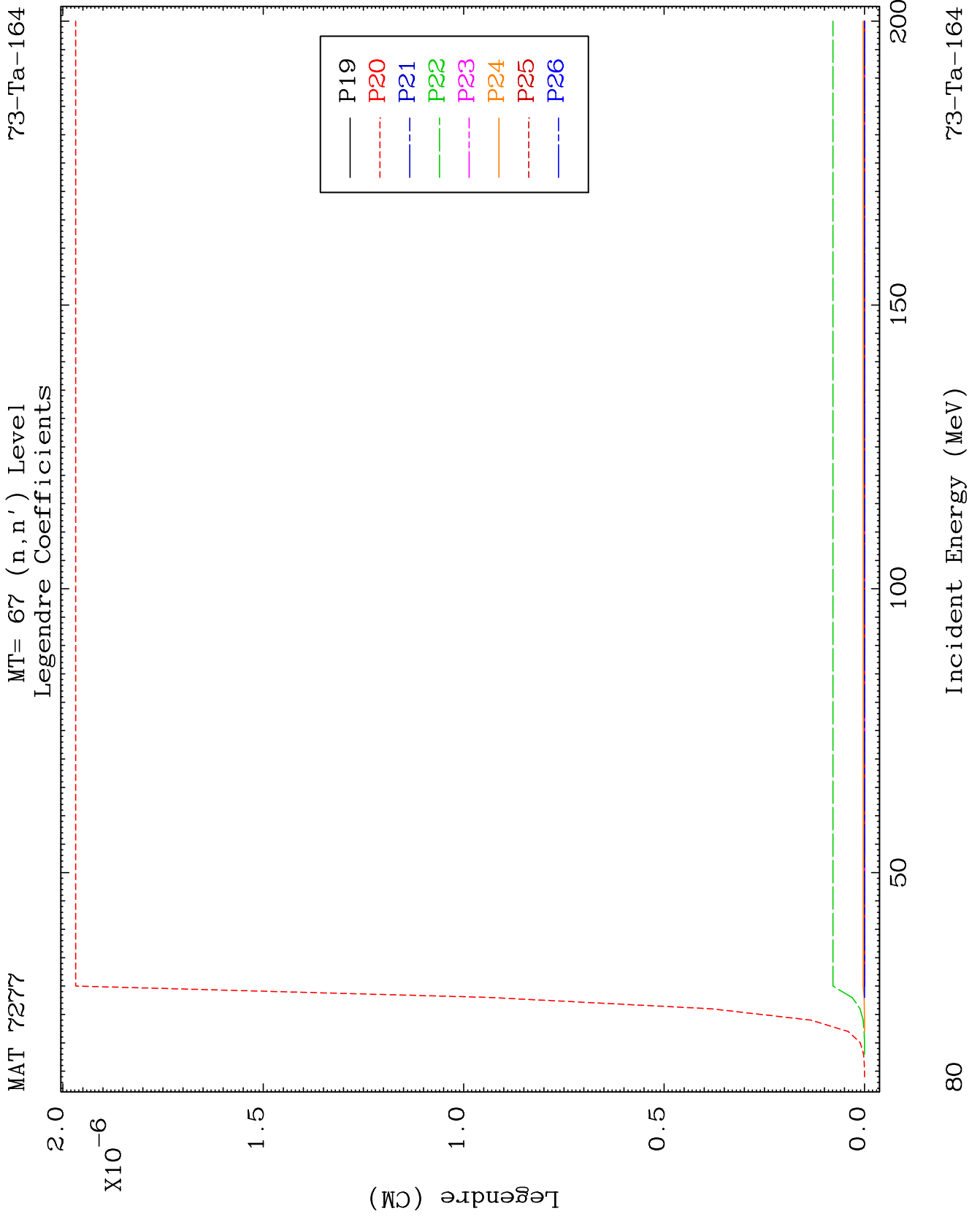
73-Ta-164

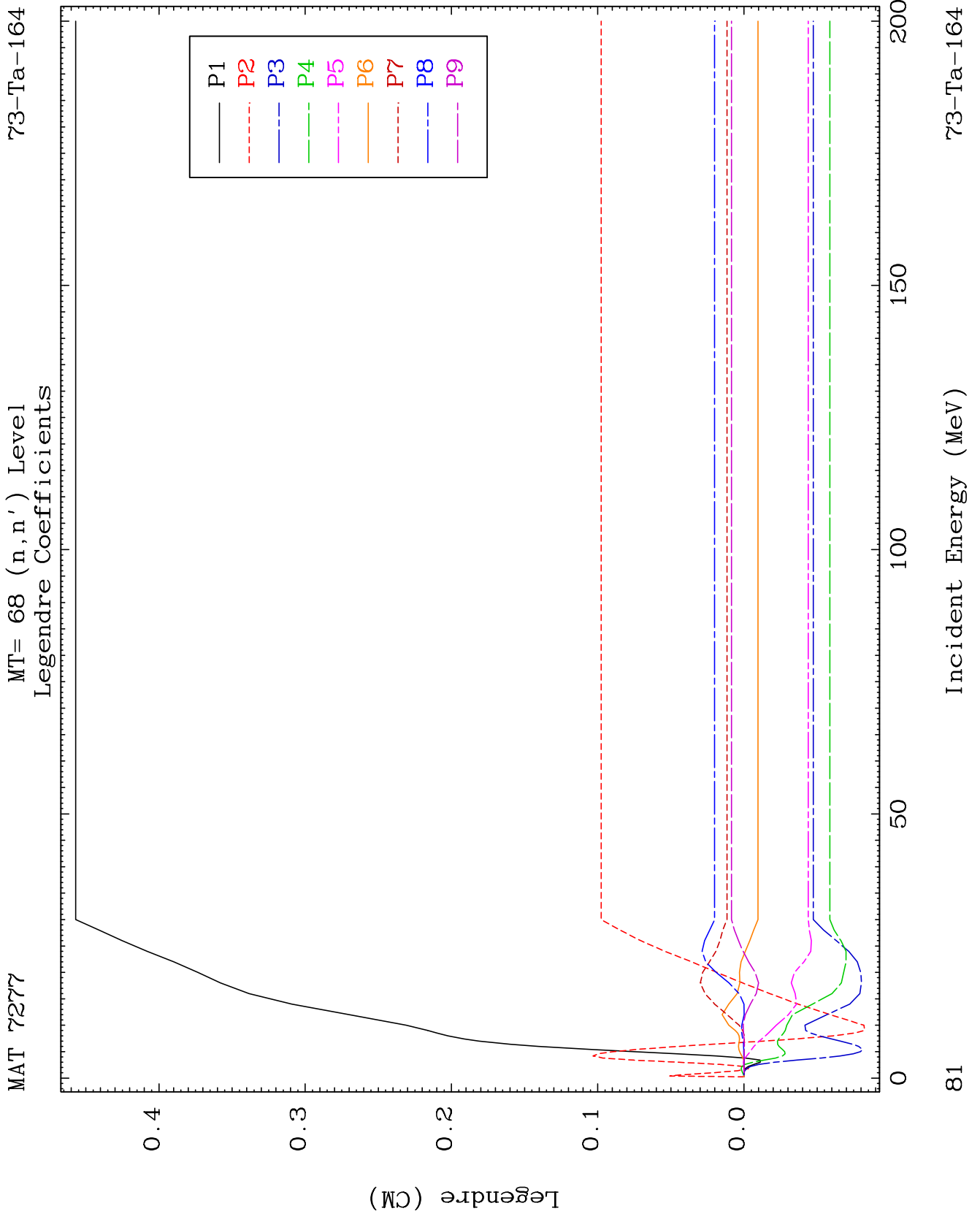


79

Incident Energy (MeV)

73-Ta-164

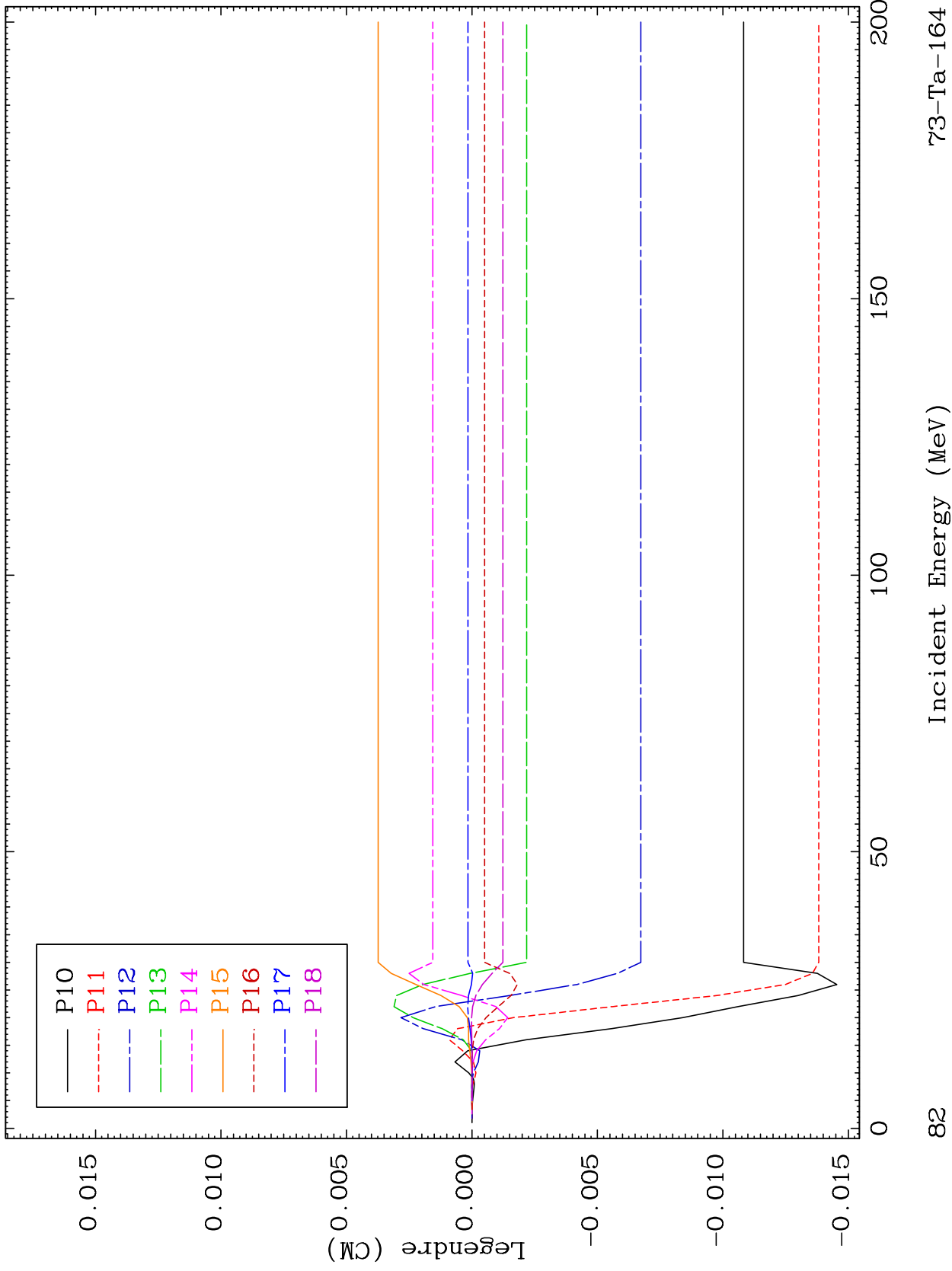




MAT 7277

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

73-Ta-164



82

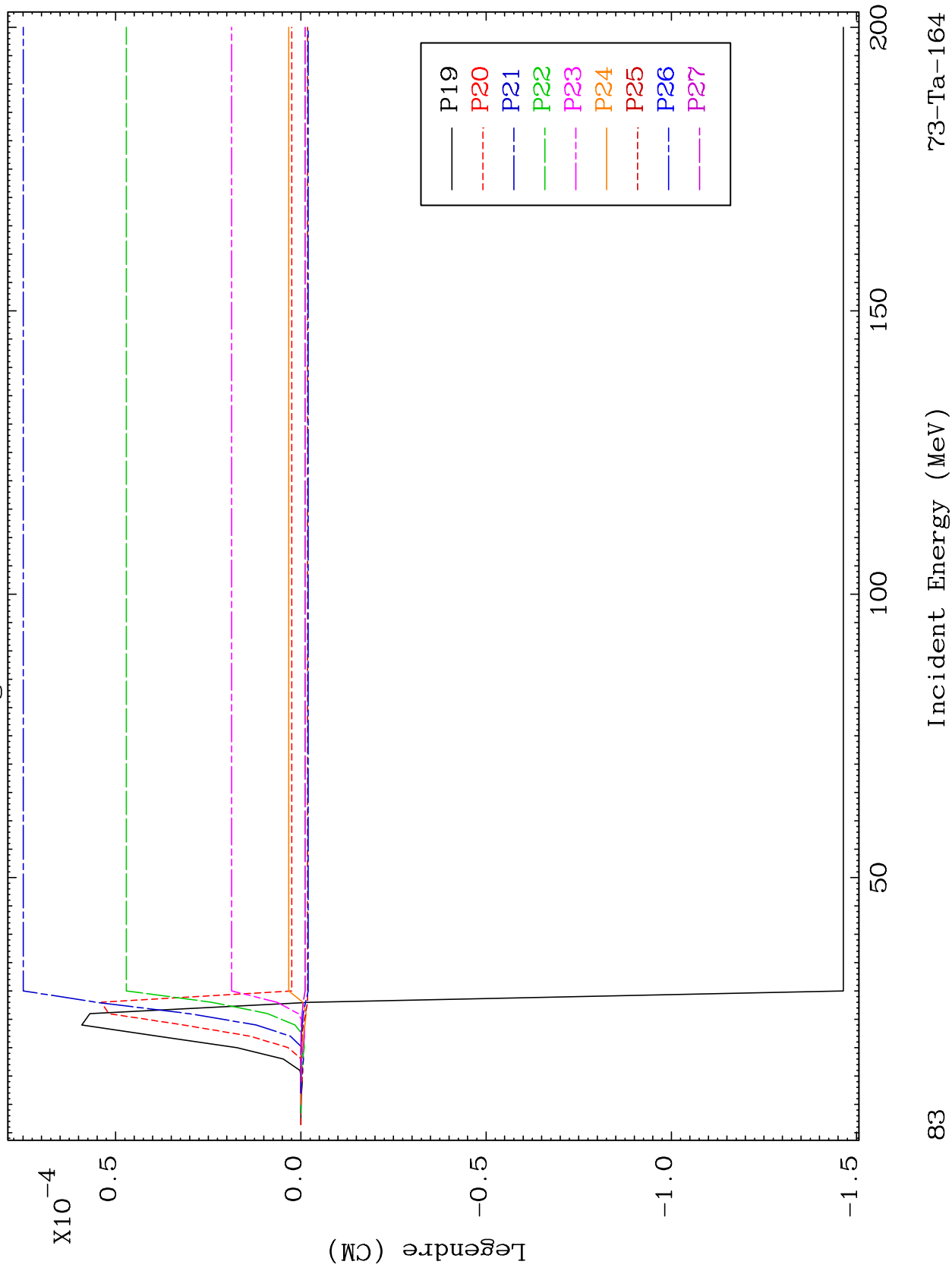
Incident Energy (MeV)

73-Ta-164

MAT 7277

73-Ta-164

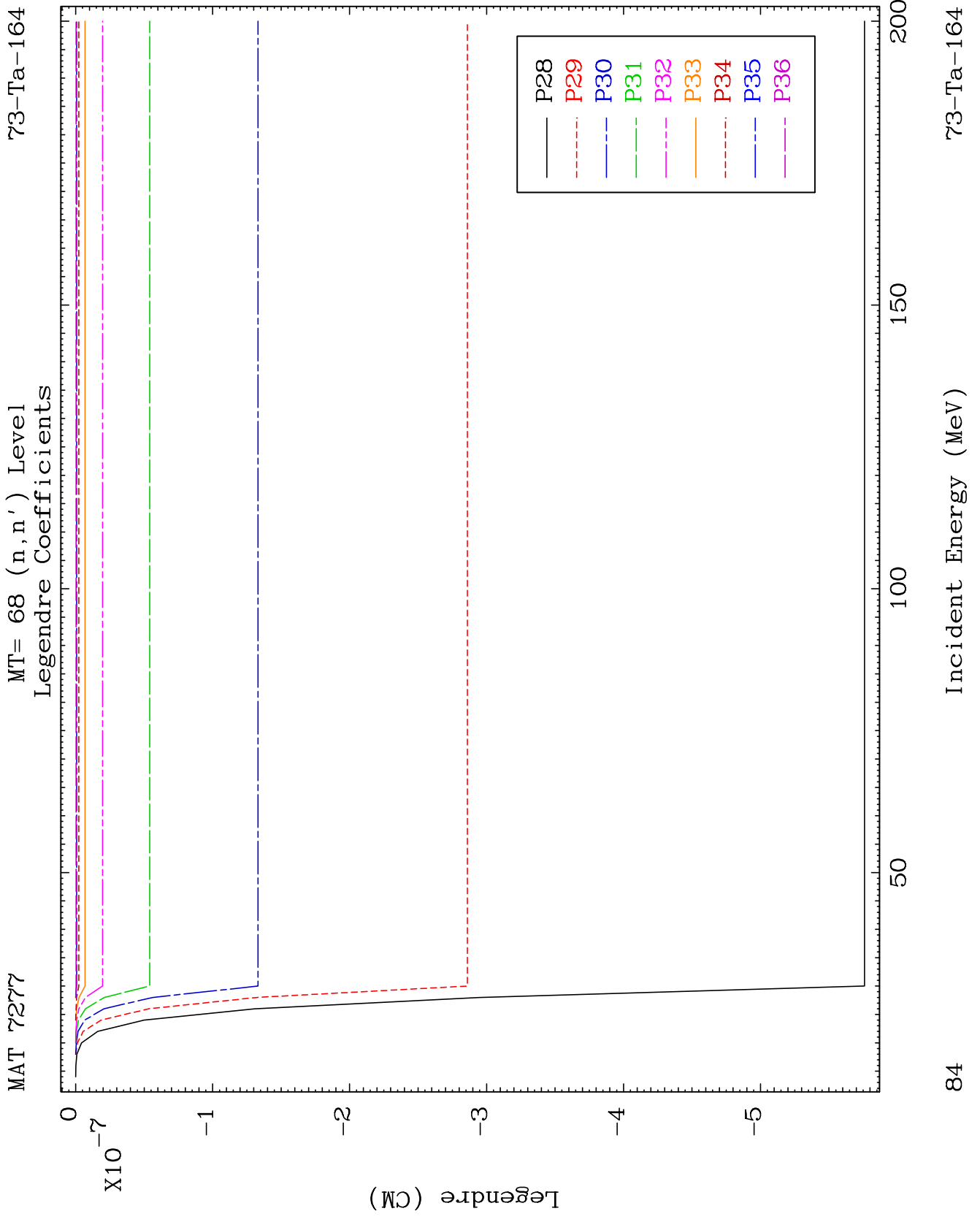
MT= 68 (n,n') Level
Legendre Coefficients



83

Incident Energy (MeV)

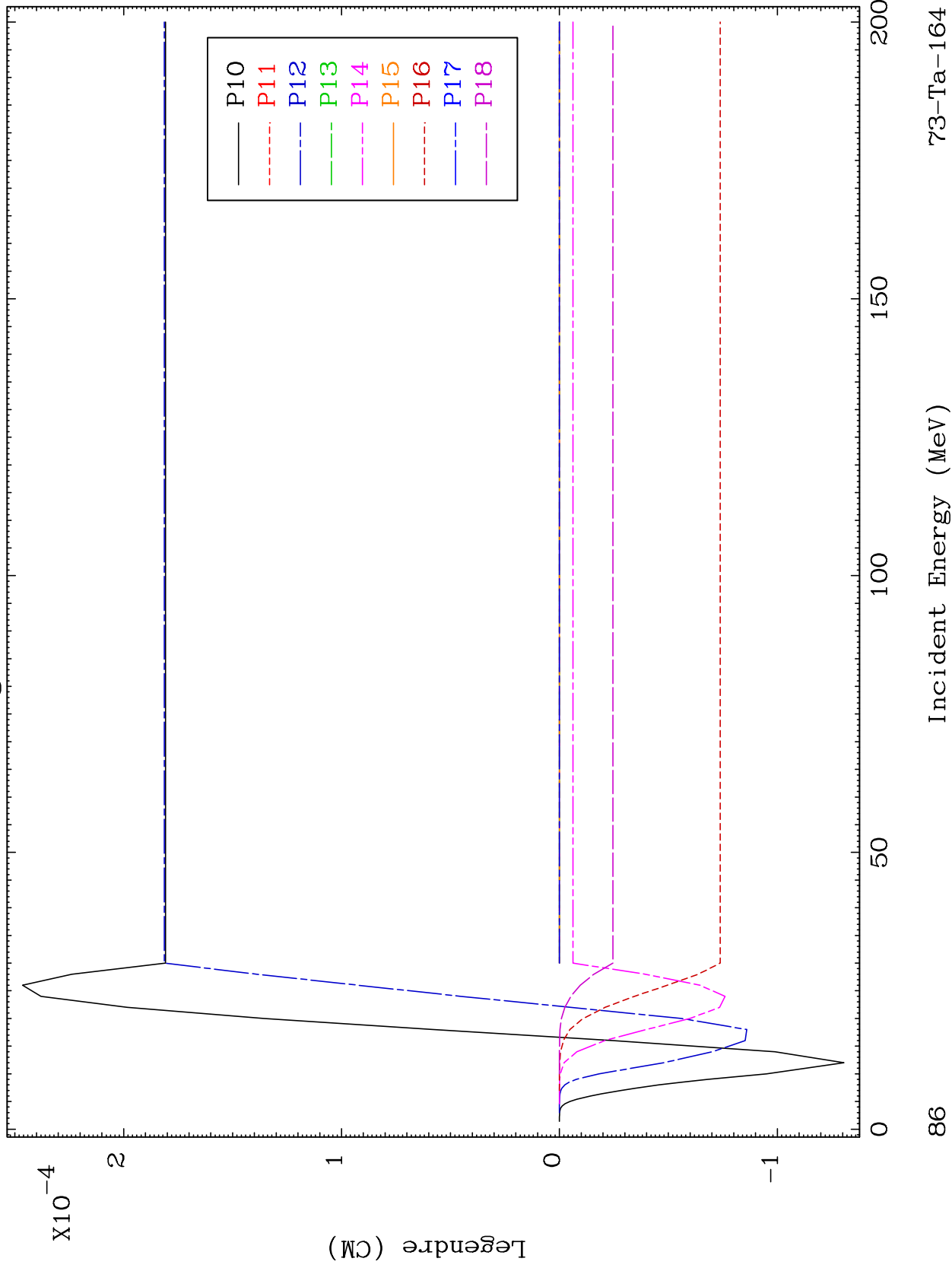
73-Ta-164

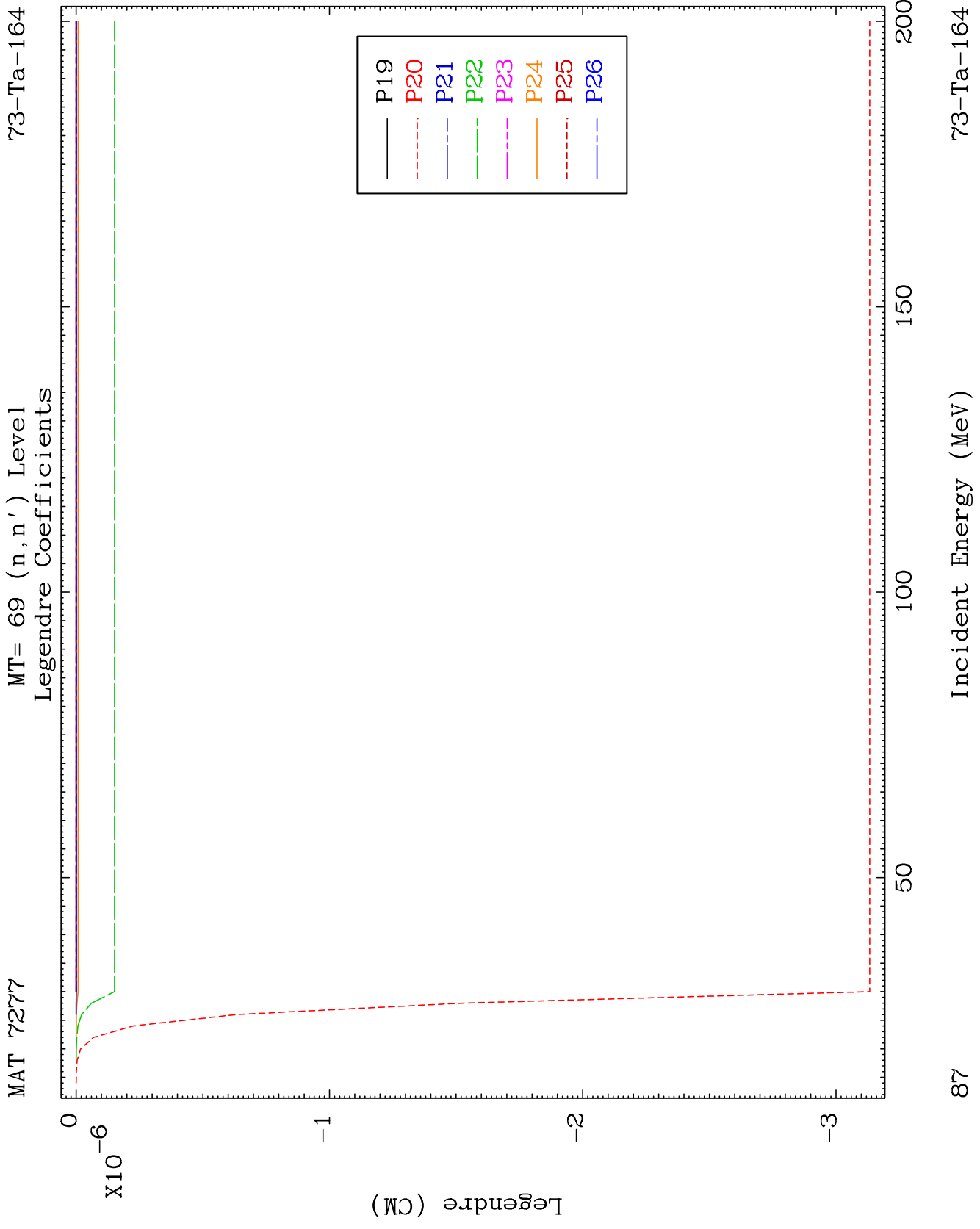


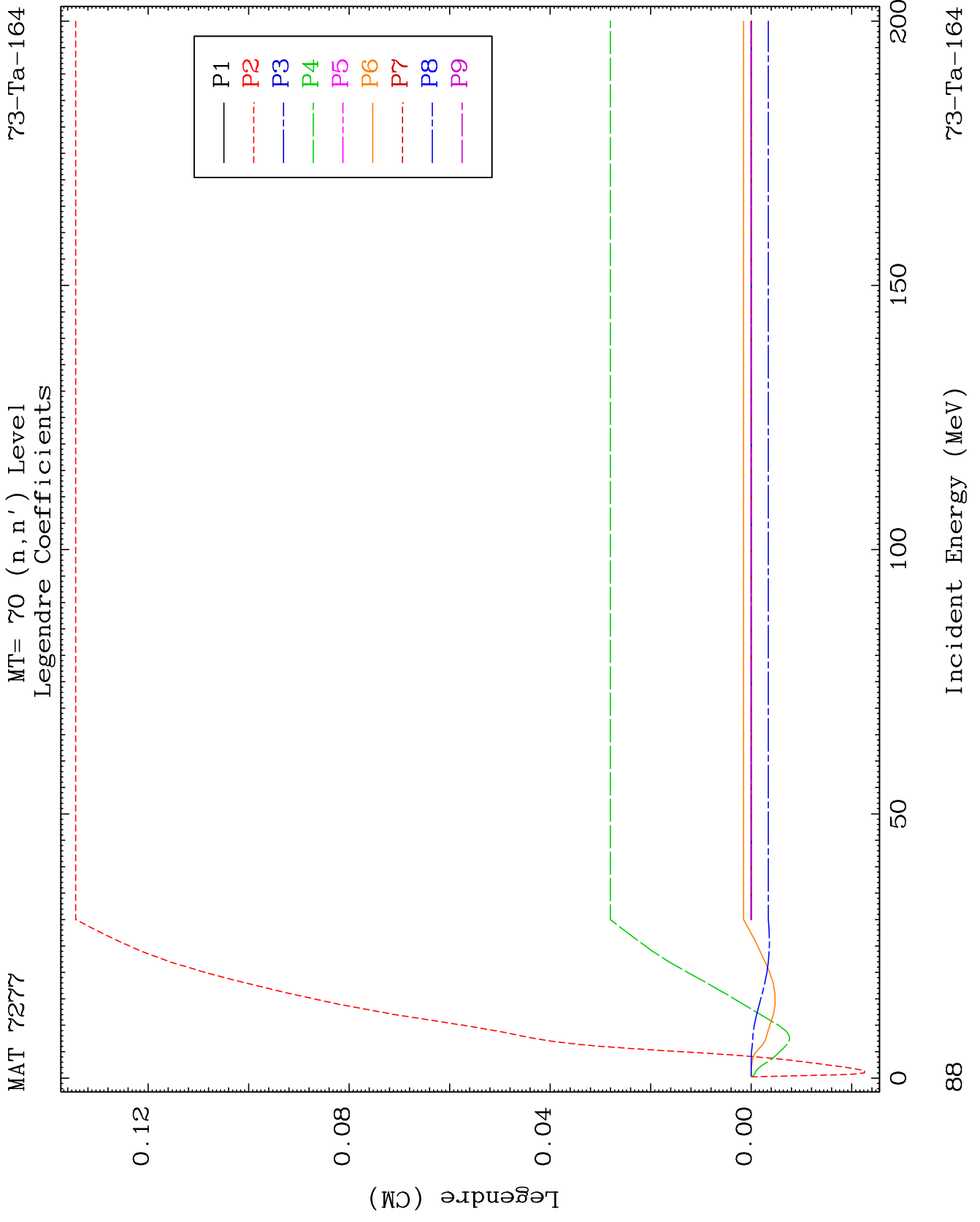
MAT 7277

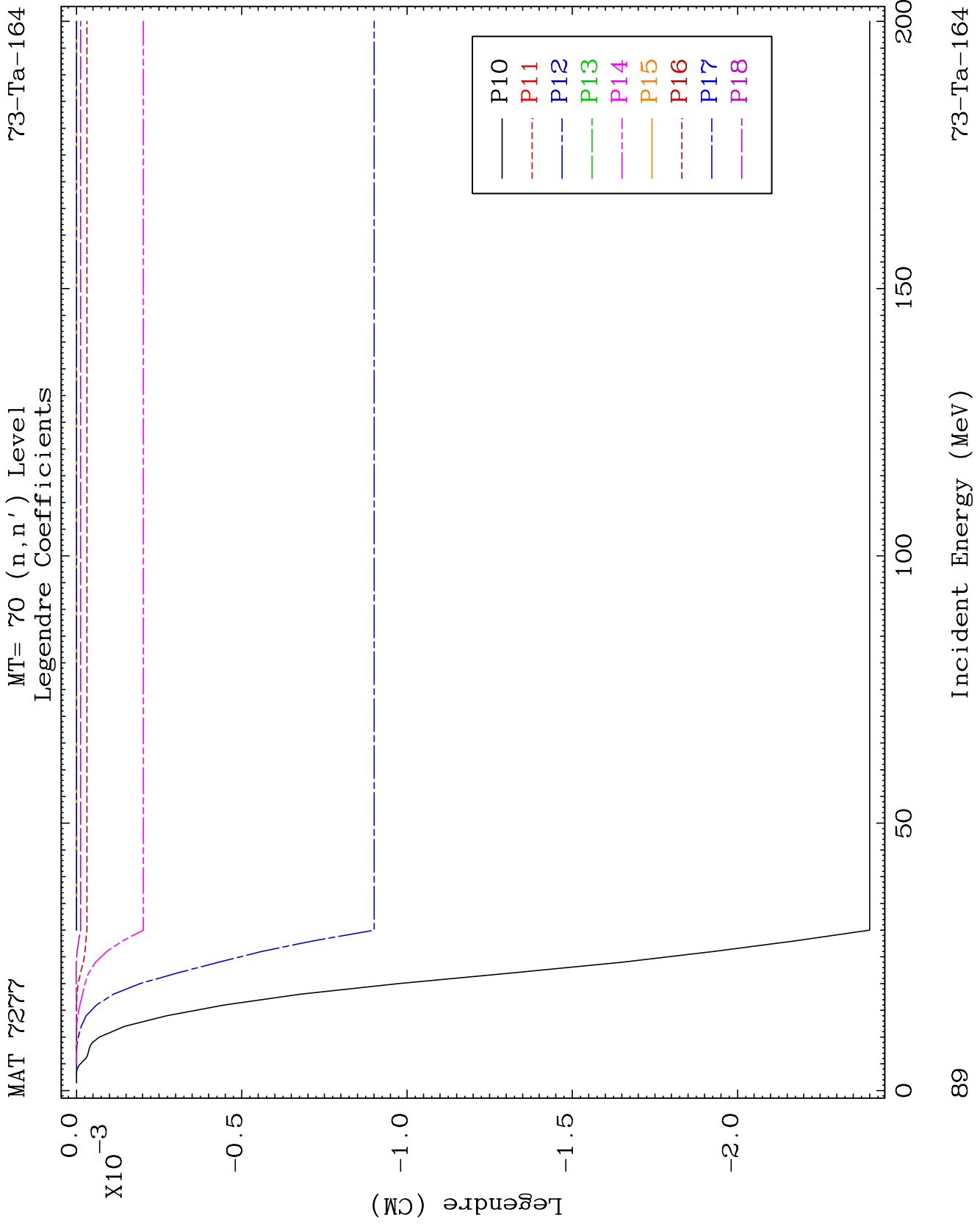
MT= 69 (n,n') Level
Legendre Coefficients

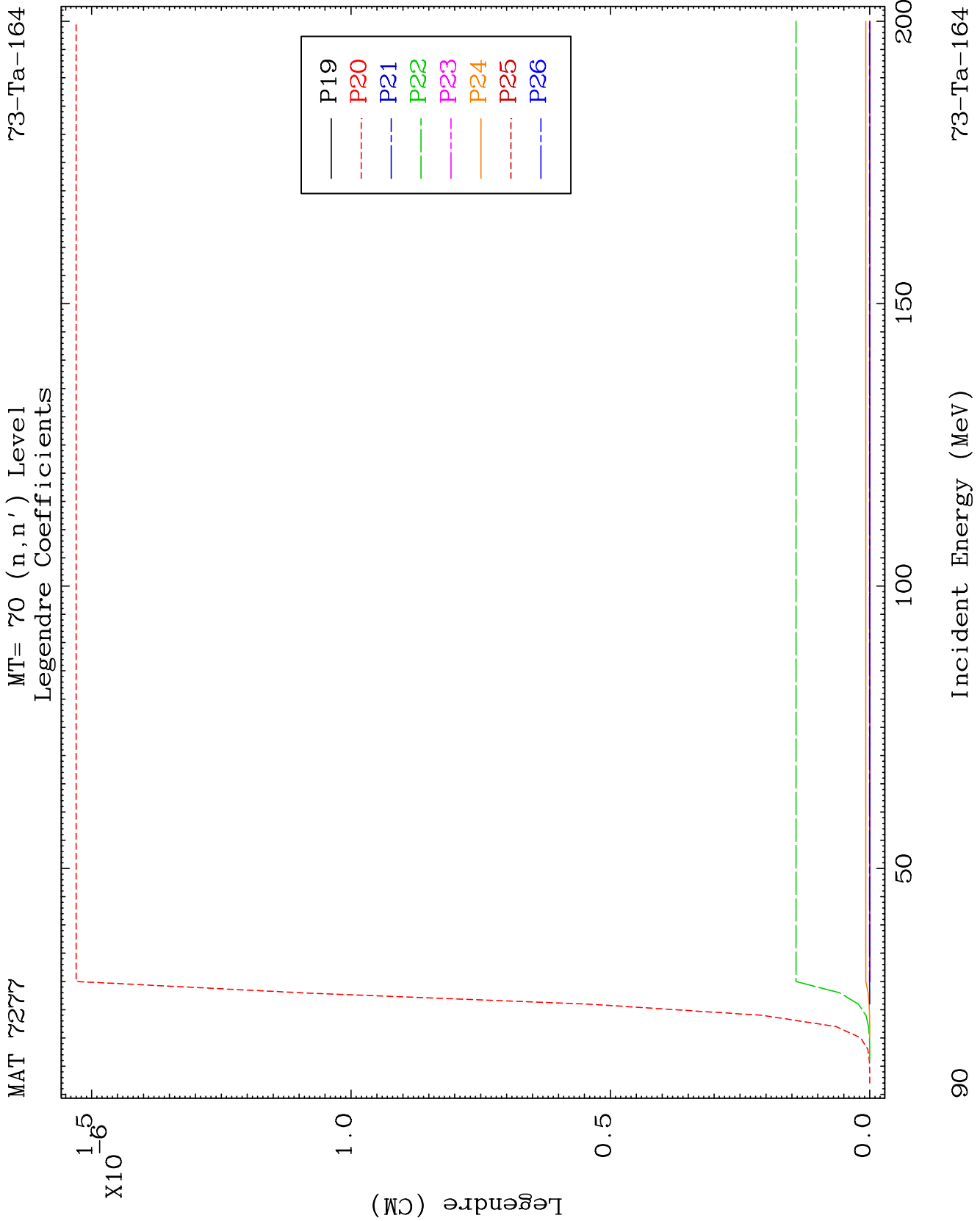
73-Ta-164

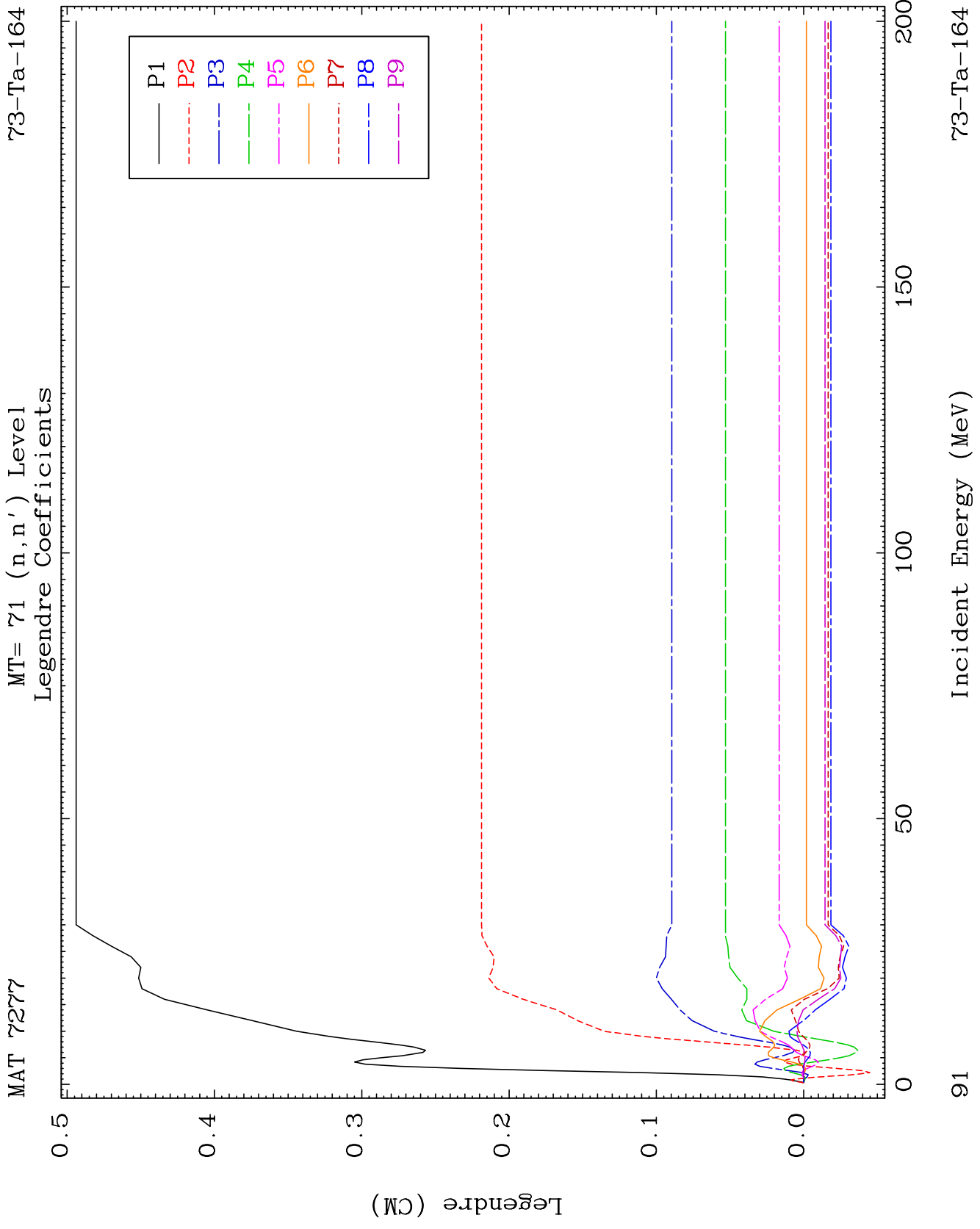








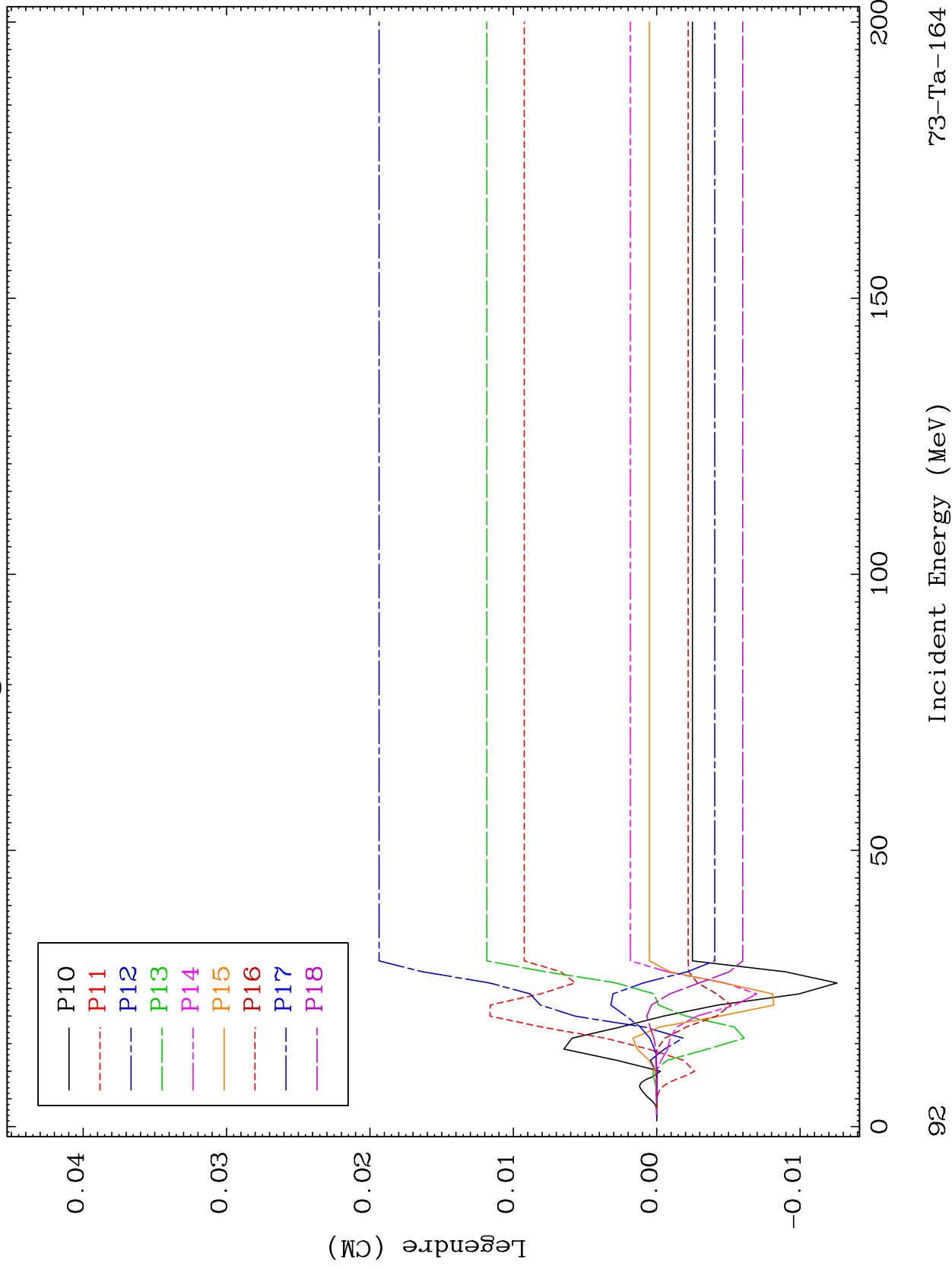


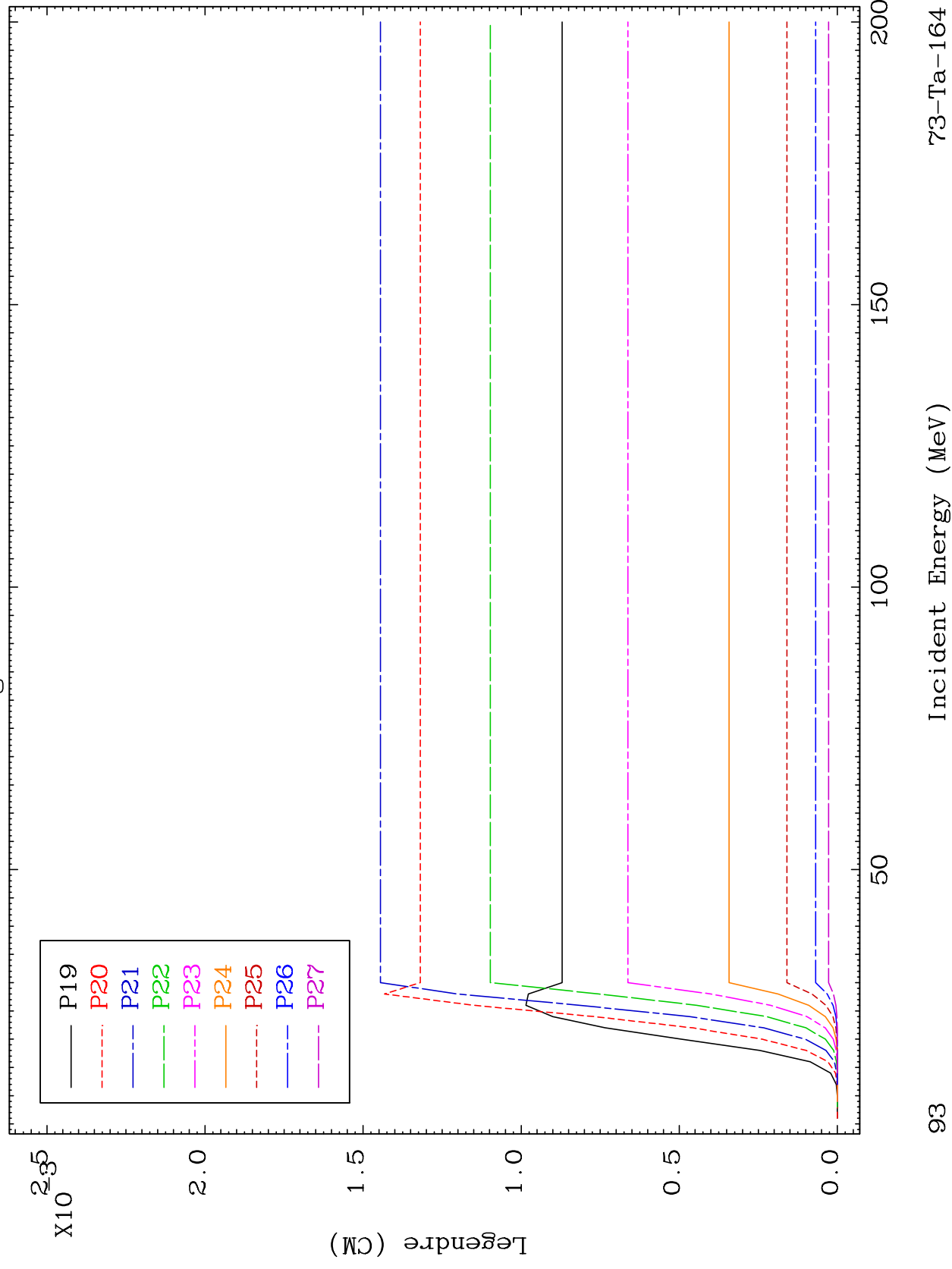


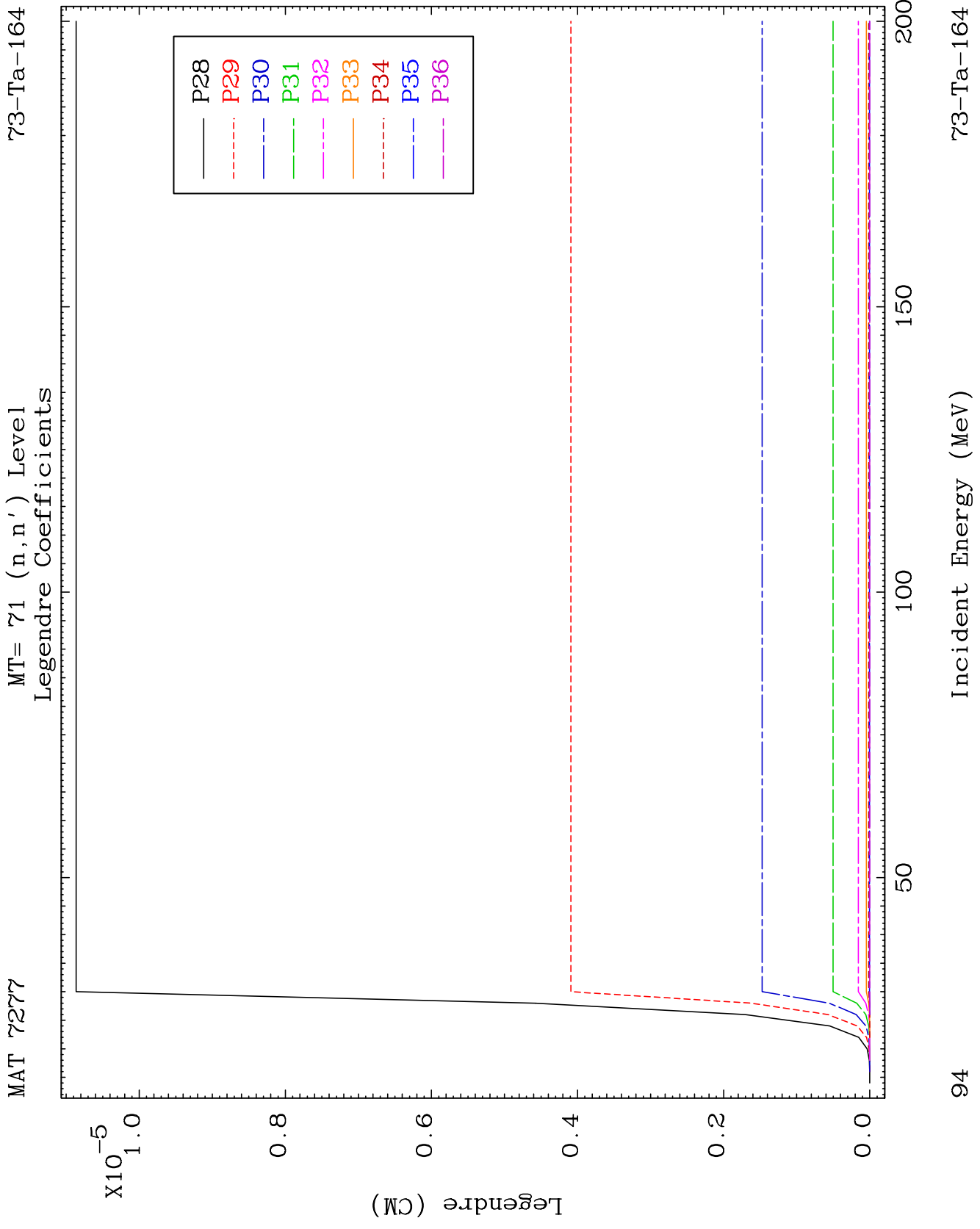
MAT 7277

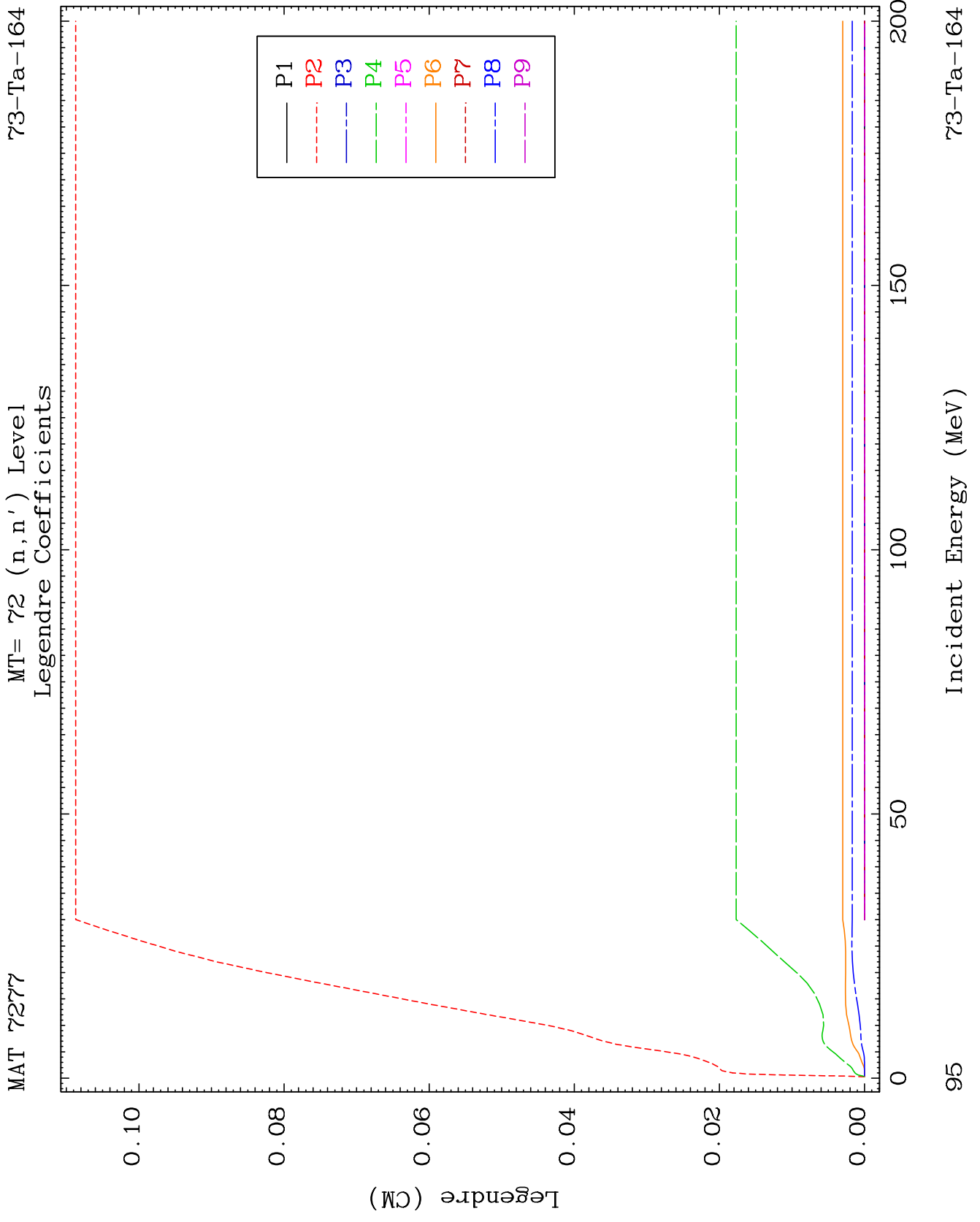
MT= 71 (n,n') Level
Legendre Coefficients

73-Ta-164





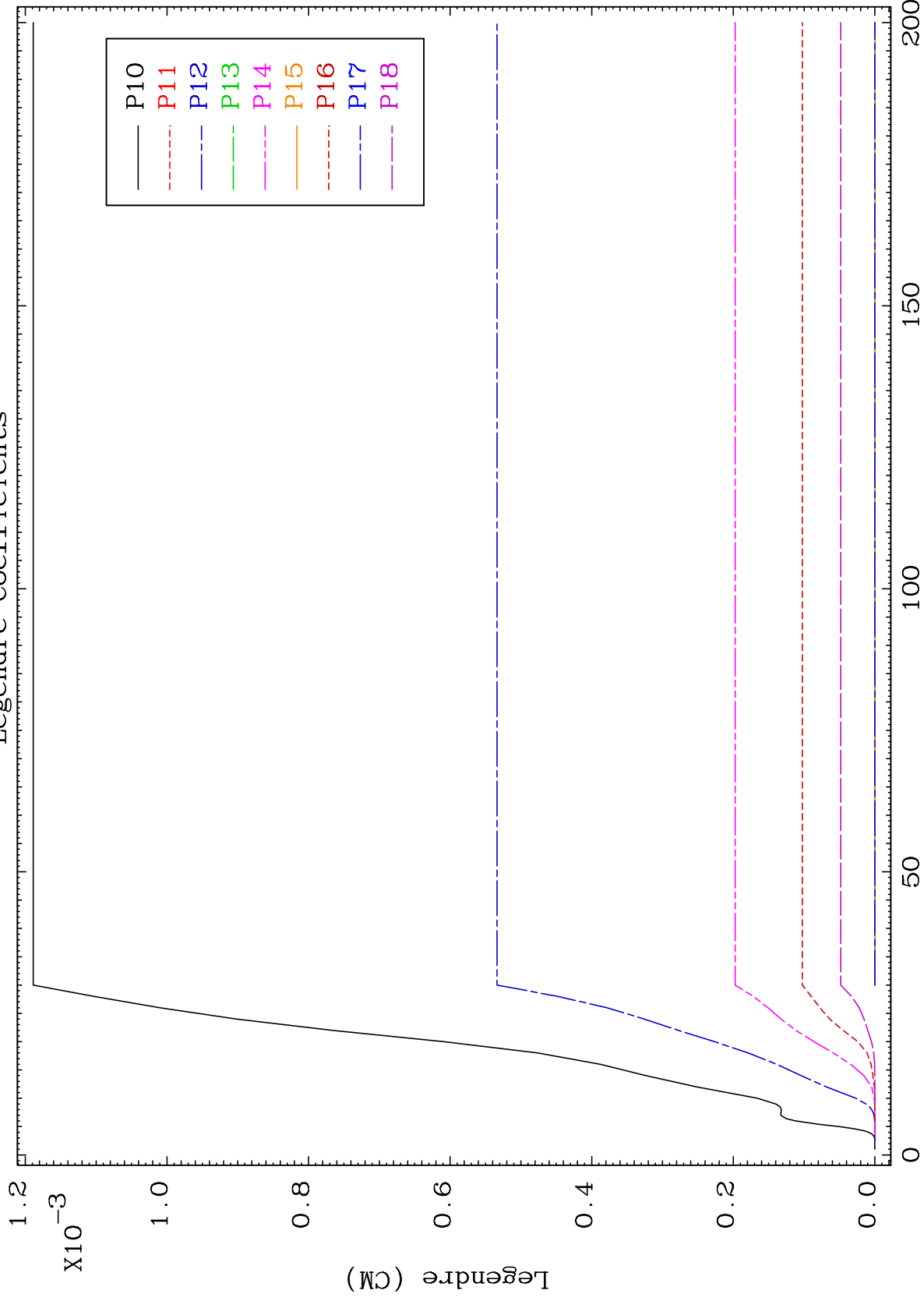




MAT 7277

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

73-Ta-164



96

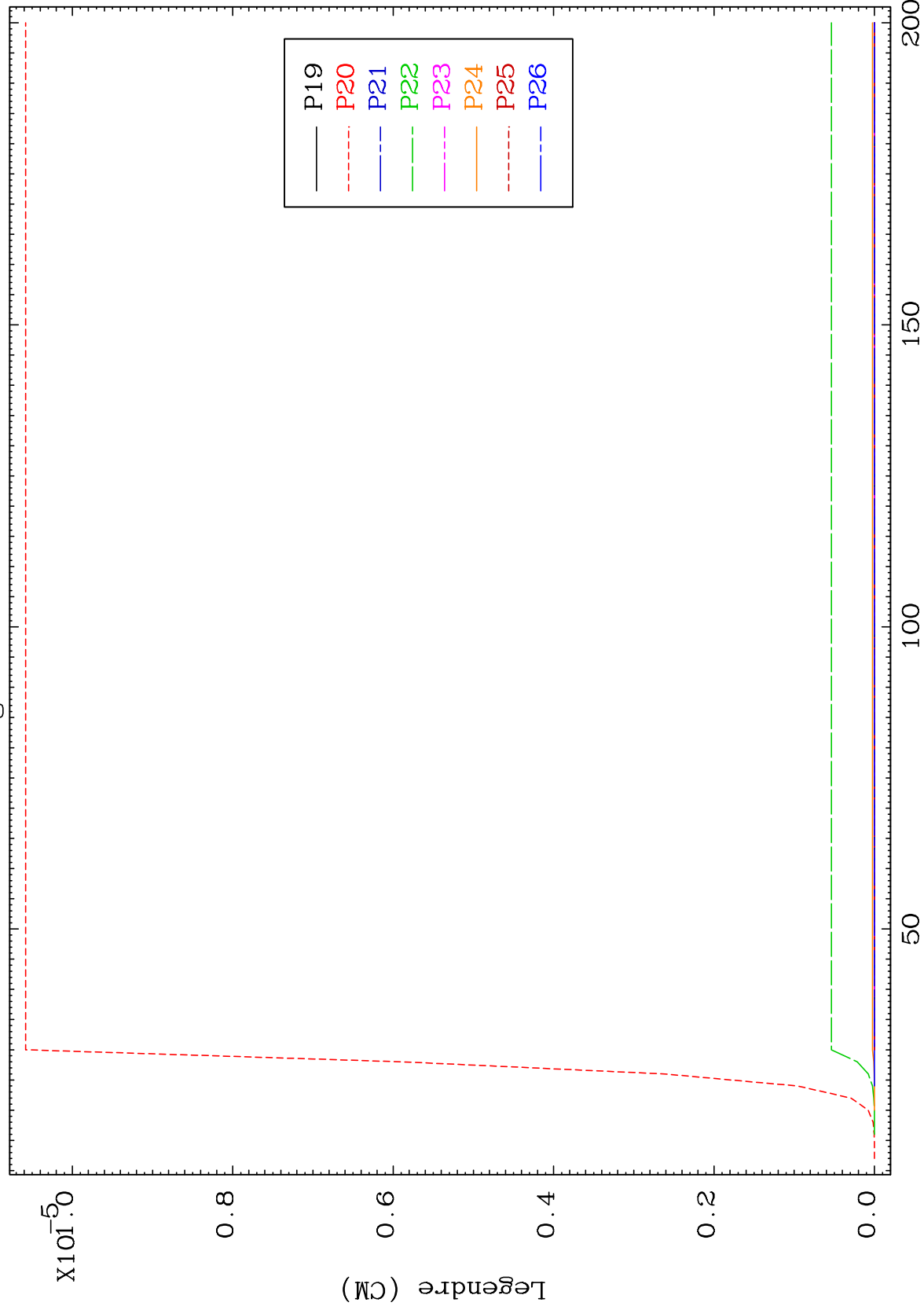
Incident Energy (MeV)

73-Ta-164

MAT 7277

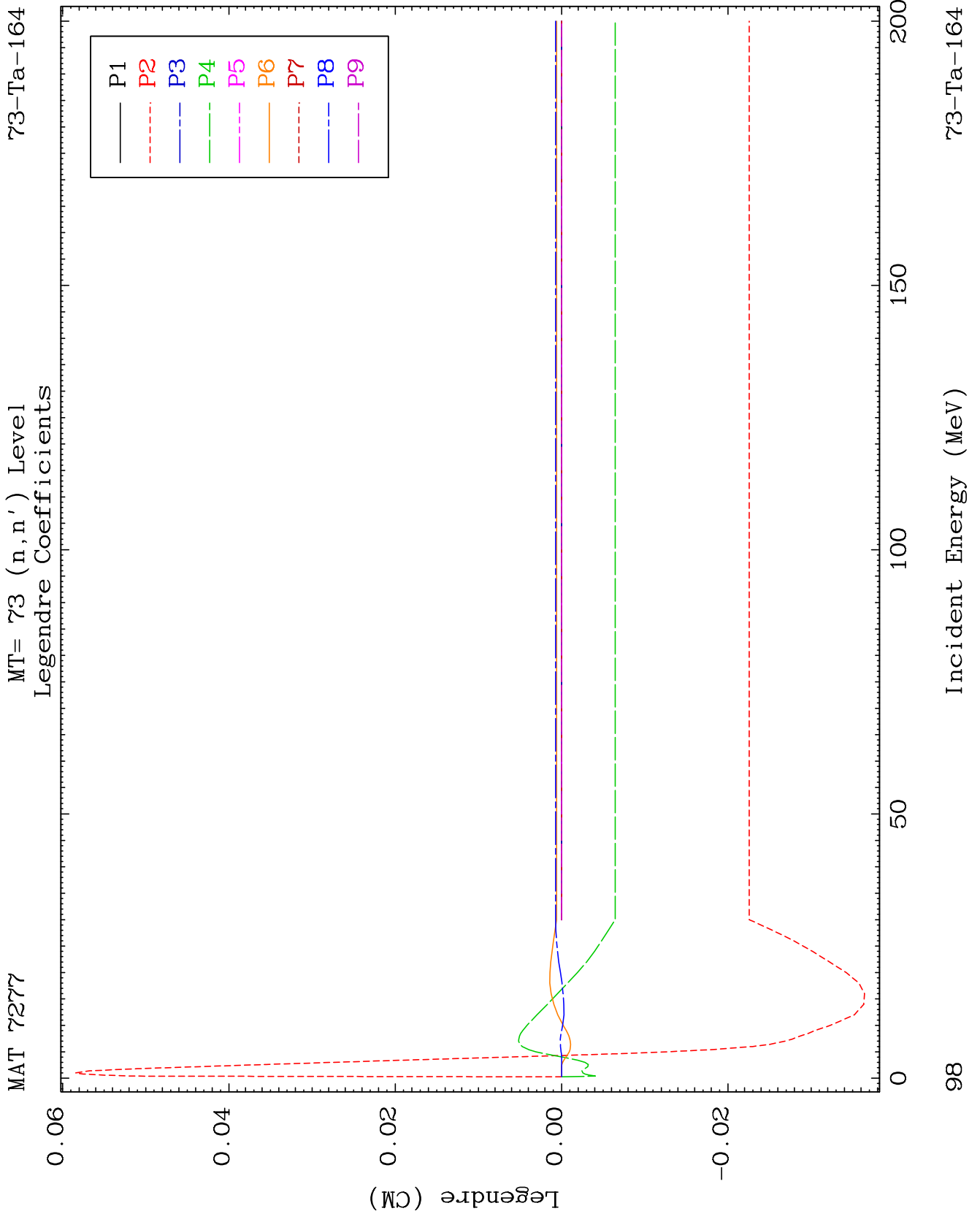
MT= 72 (n,n') Level
Legendre Coefficients

73-Ta-164



97

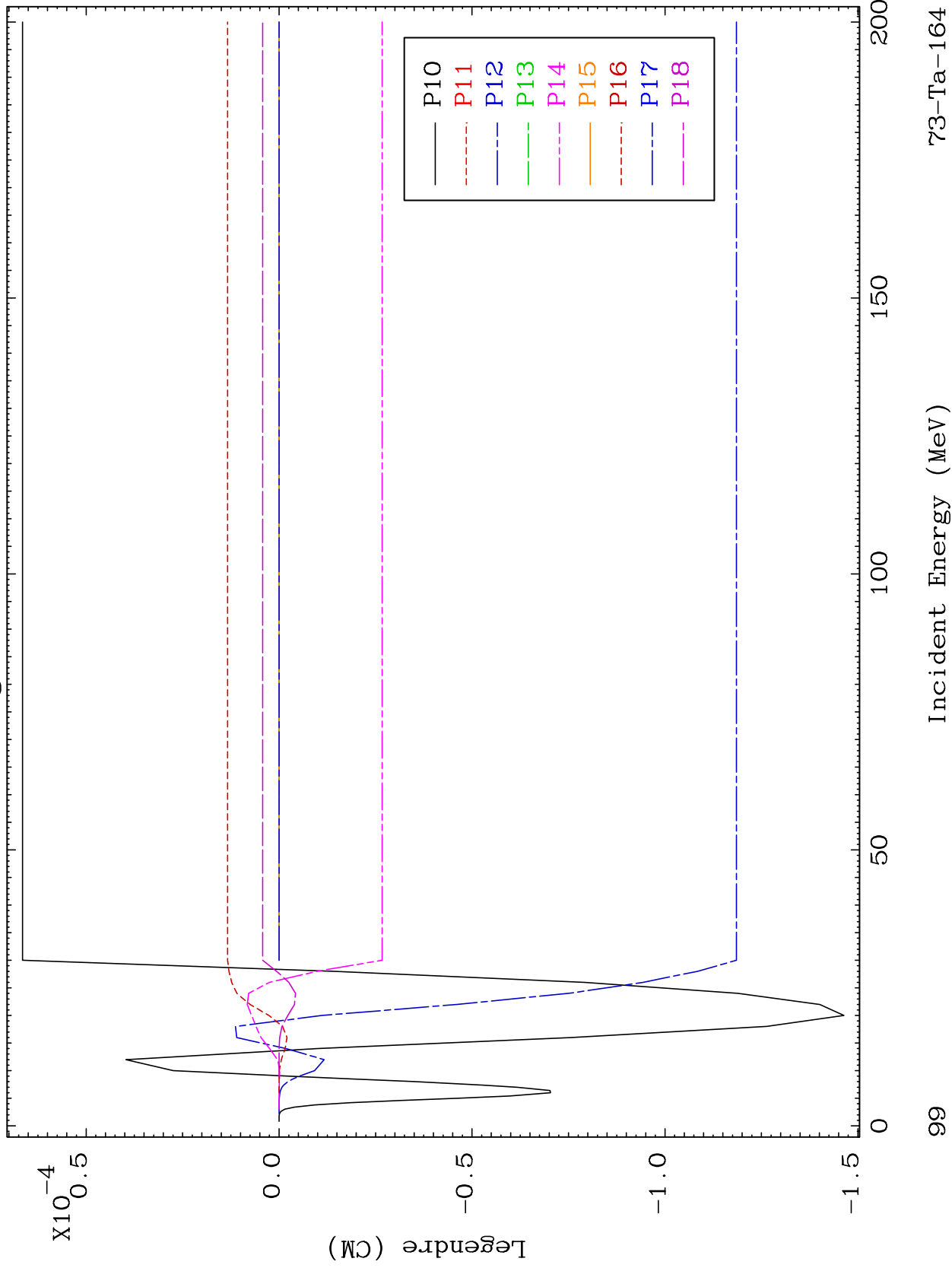
73-Ta-164



MAT 7277

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

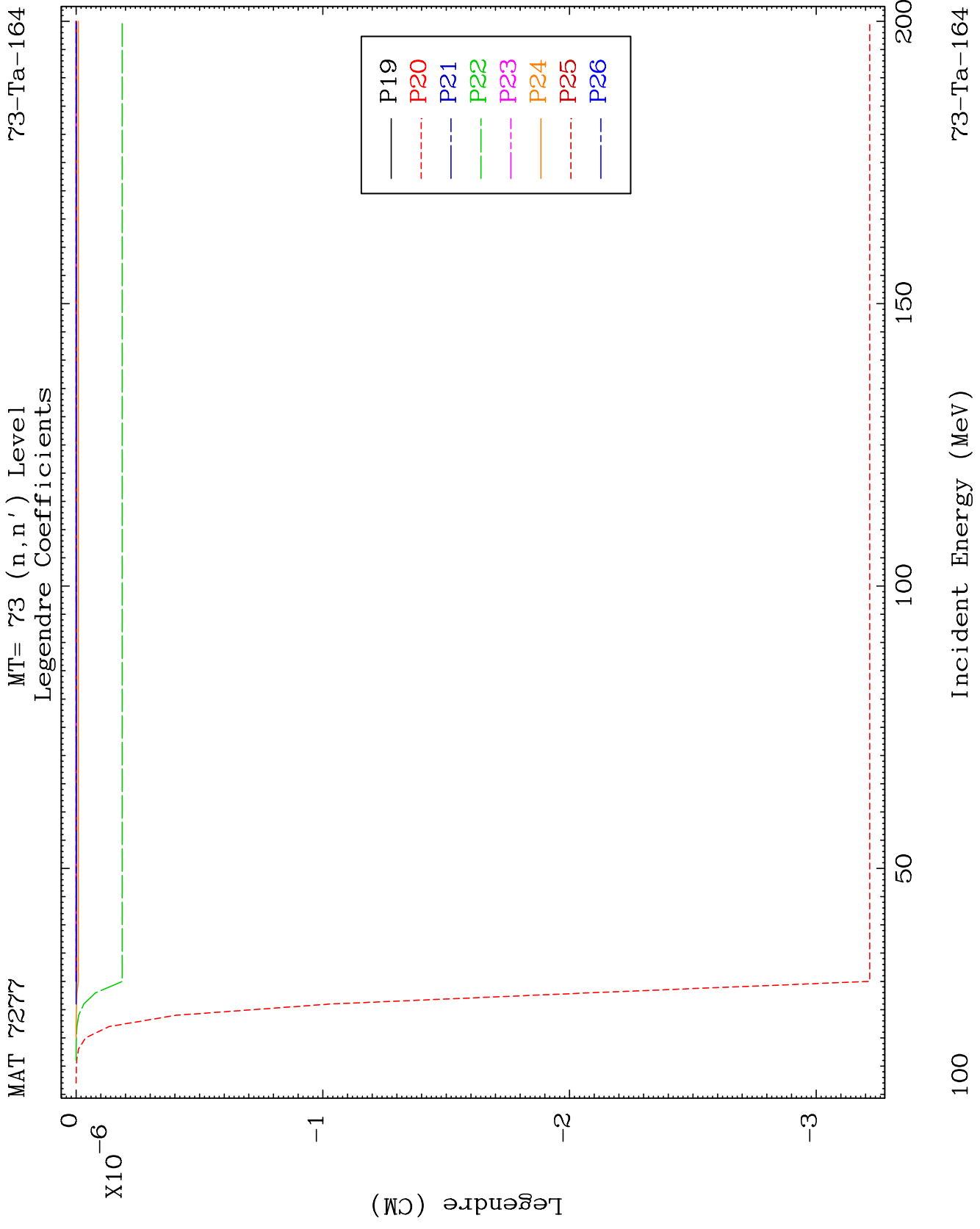
73-Ta-164



99

Incident Energy (MeV)

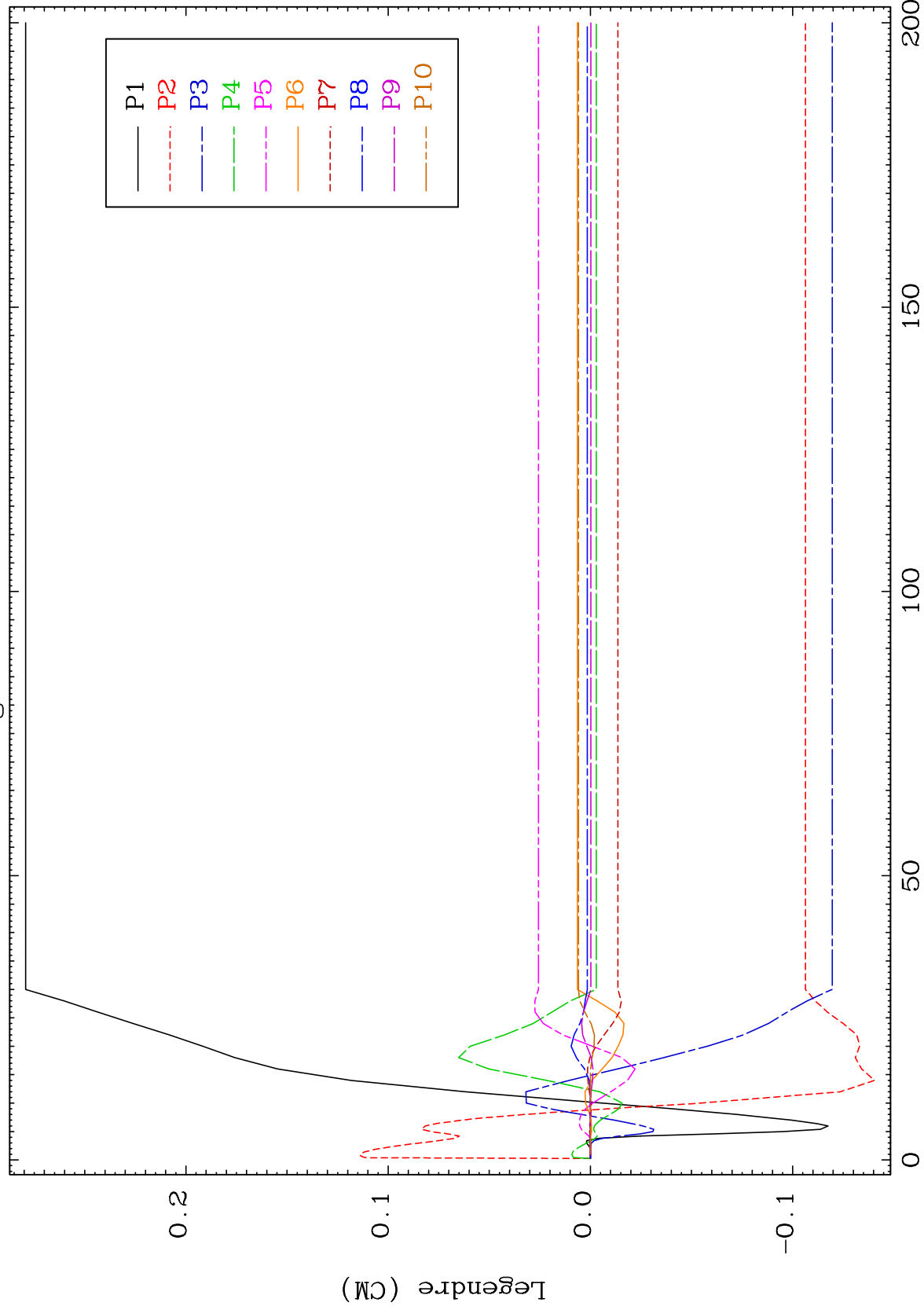
73-Ta-164



MAT 7277

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

73-Ta-164



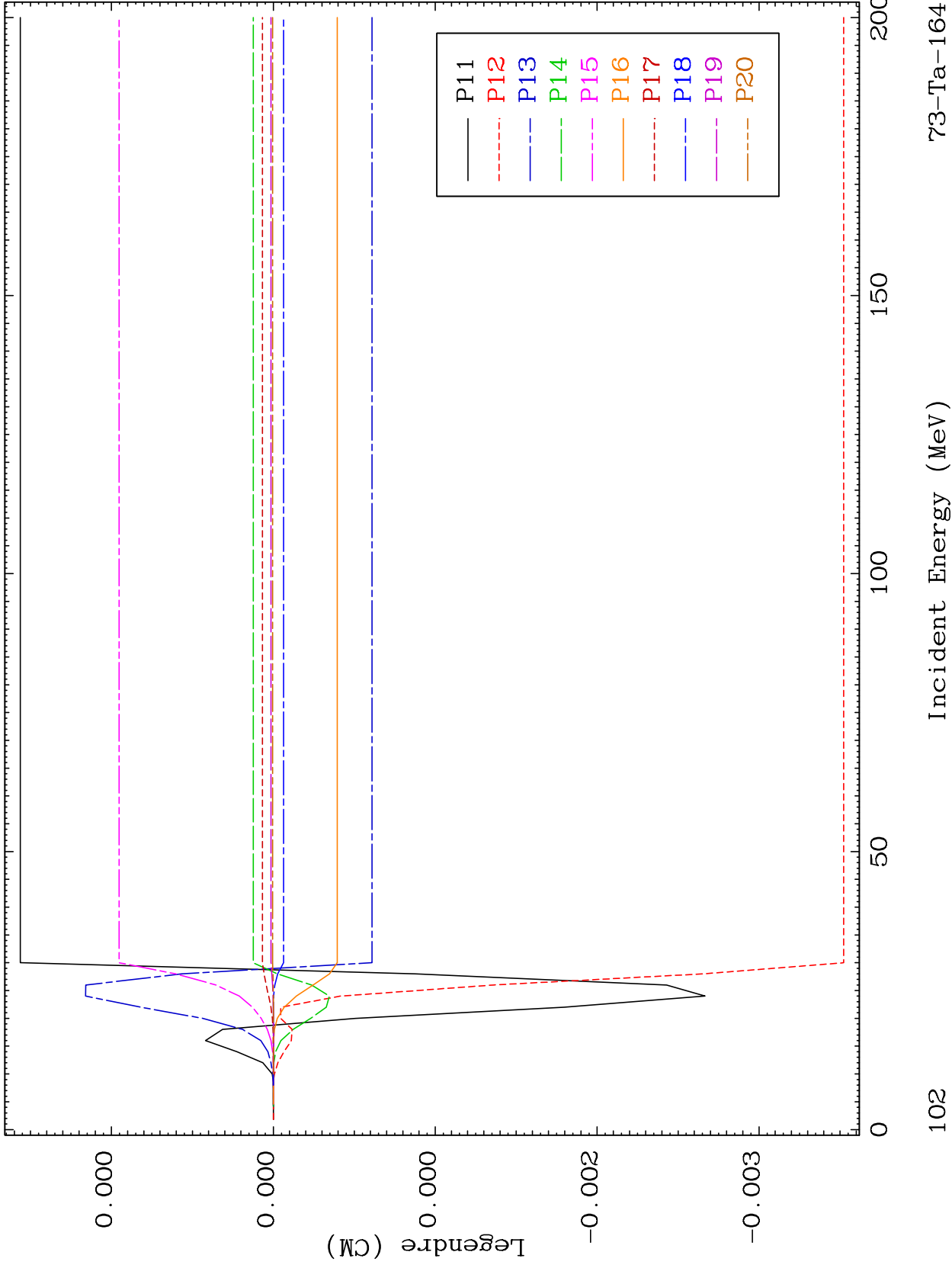
101

73-Ta-164

MAT 7277

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

73-Ta-164



102

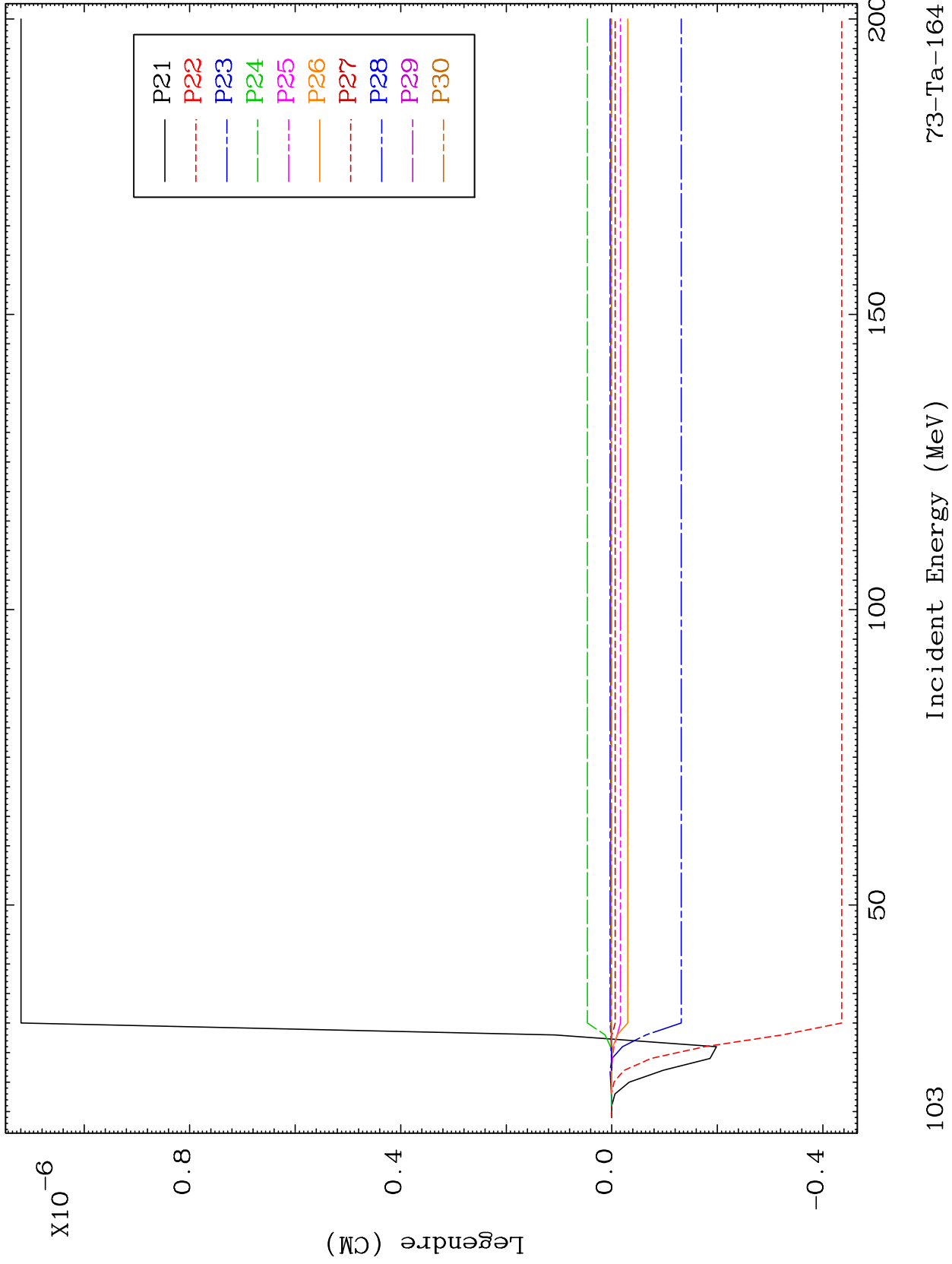
Incident Energy (MeV)

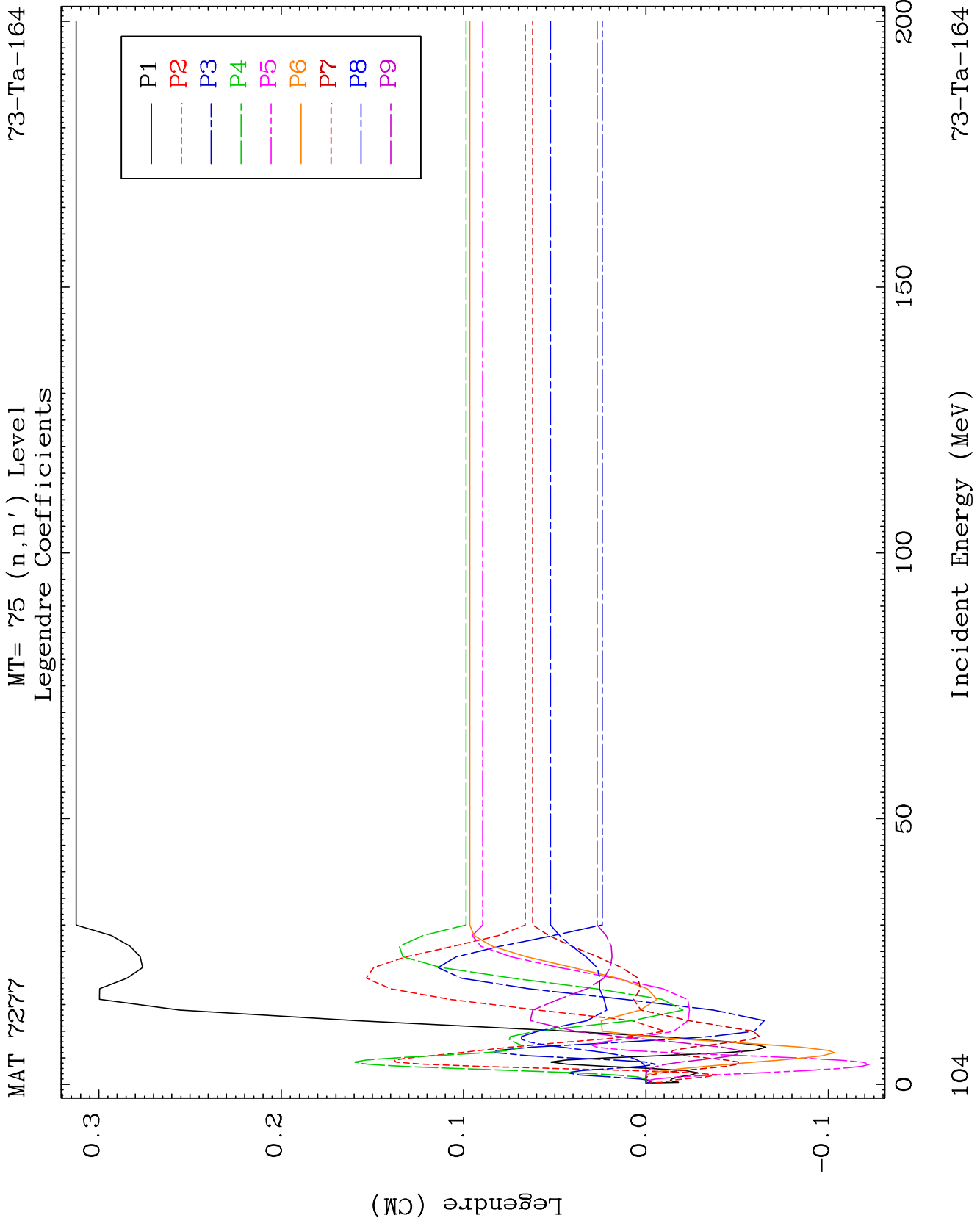
73-Ta-164

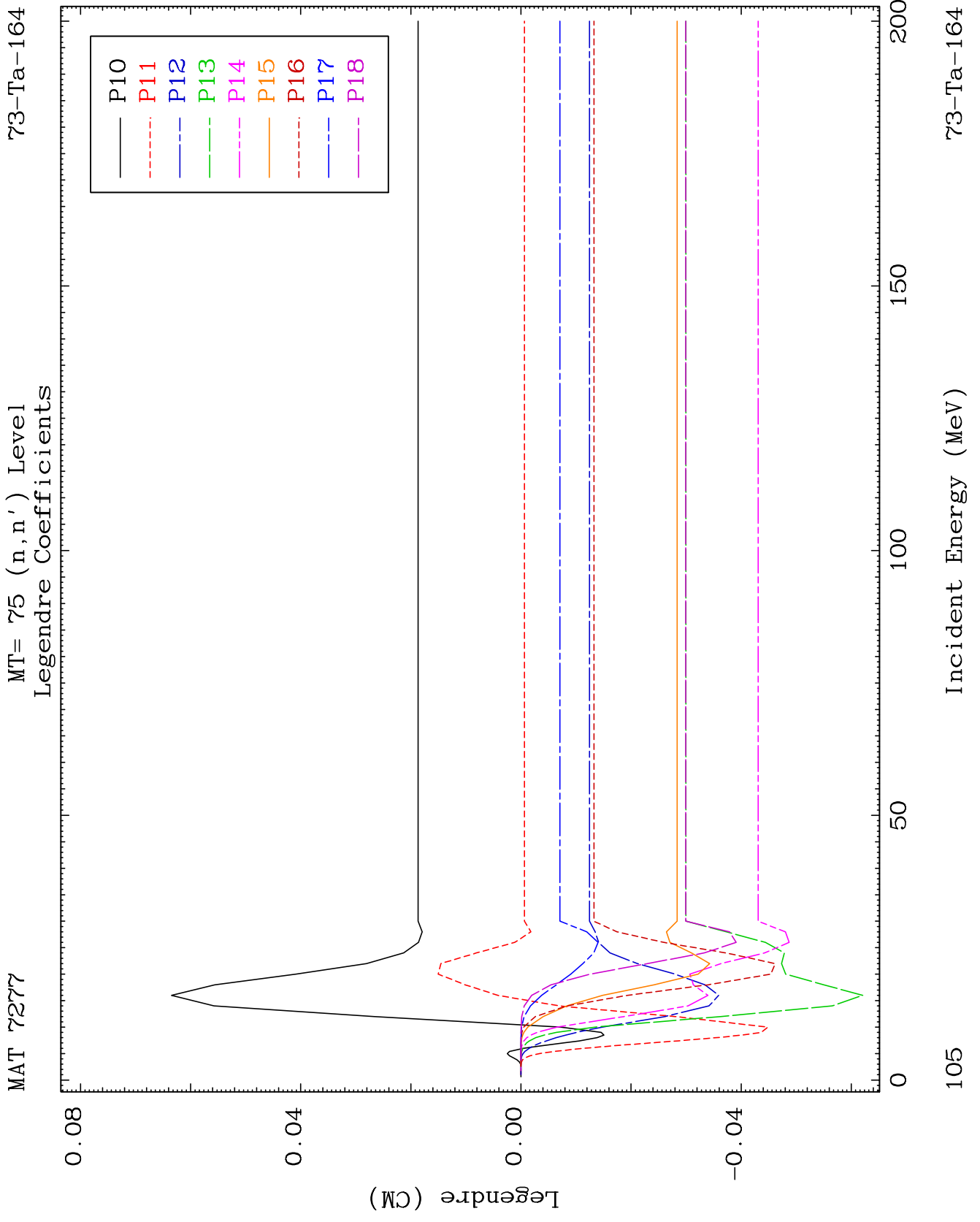
MAT 7277

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

73-Ta-164



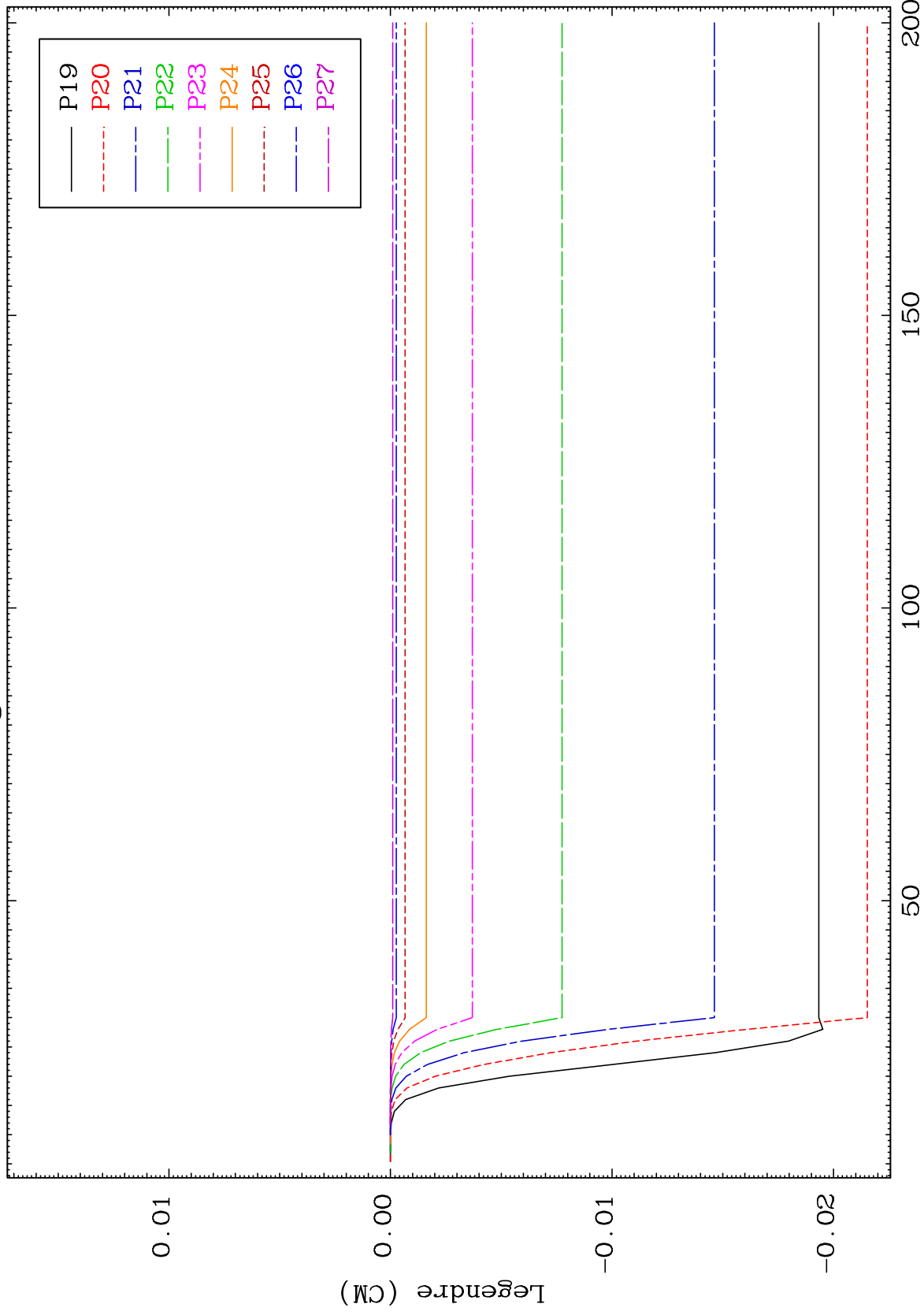




MAT 7277

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

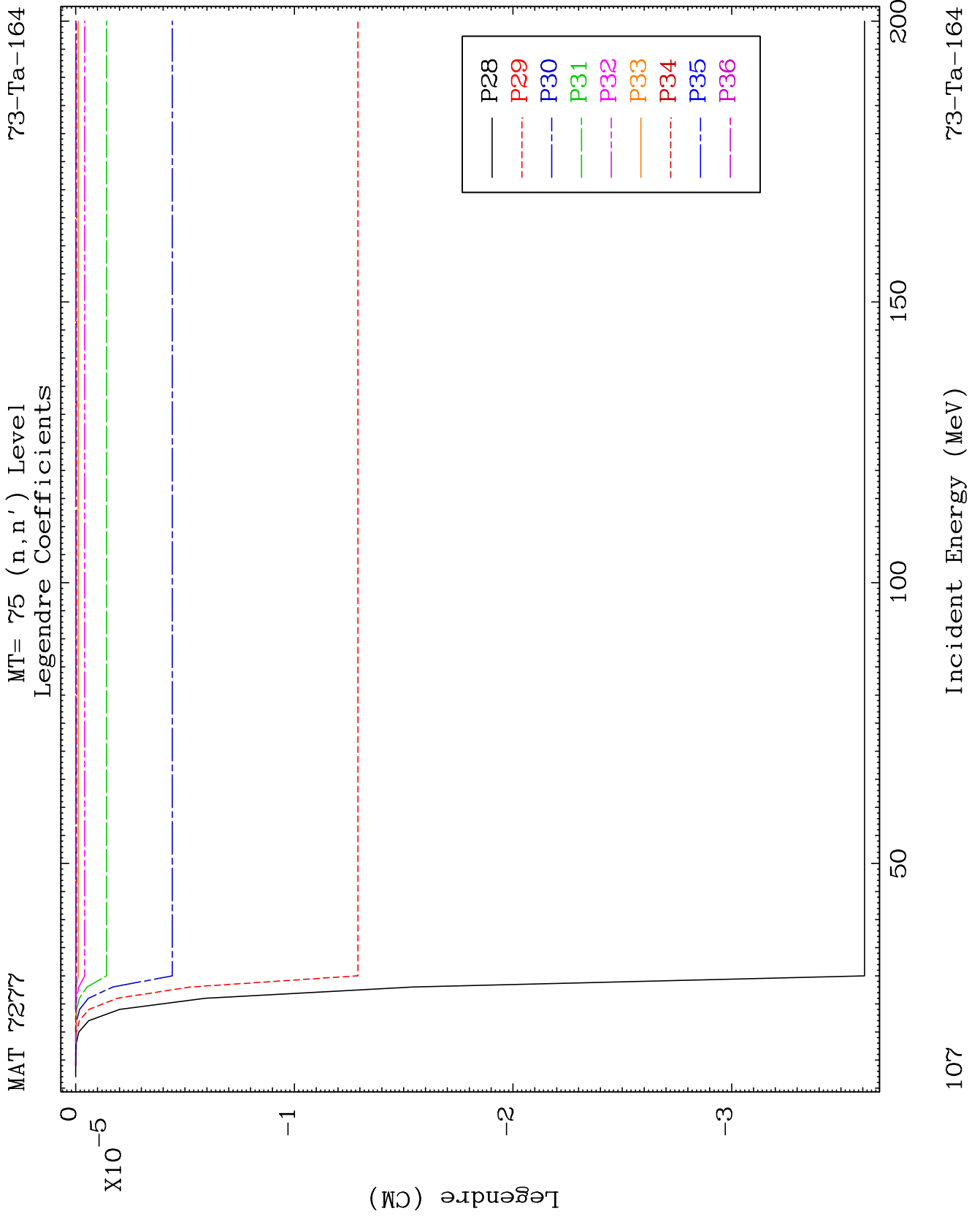
73-Ta-164



106

Incident Energy (MeV)

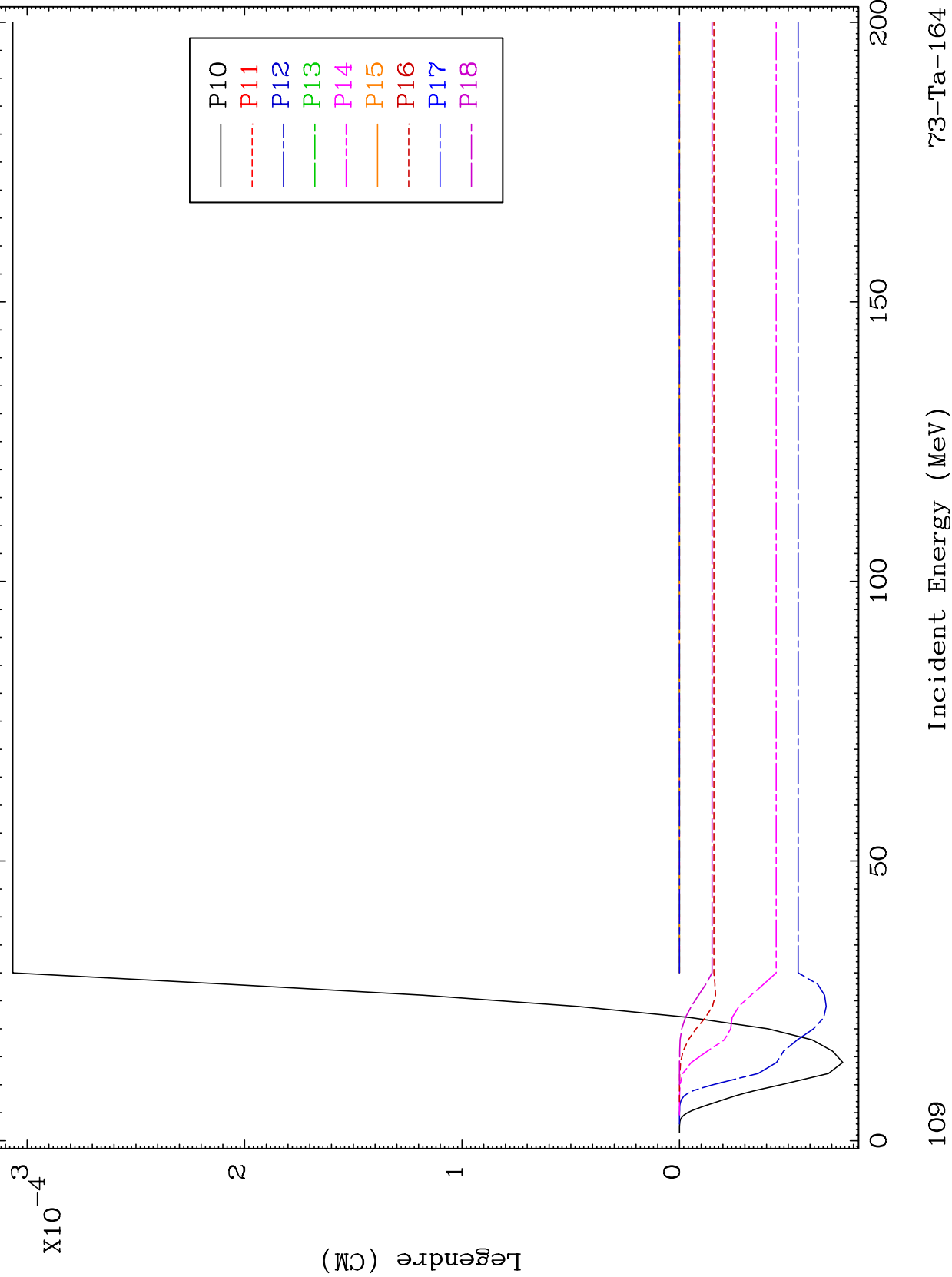
73-Ta-164

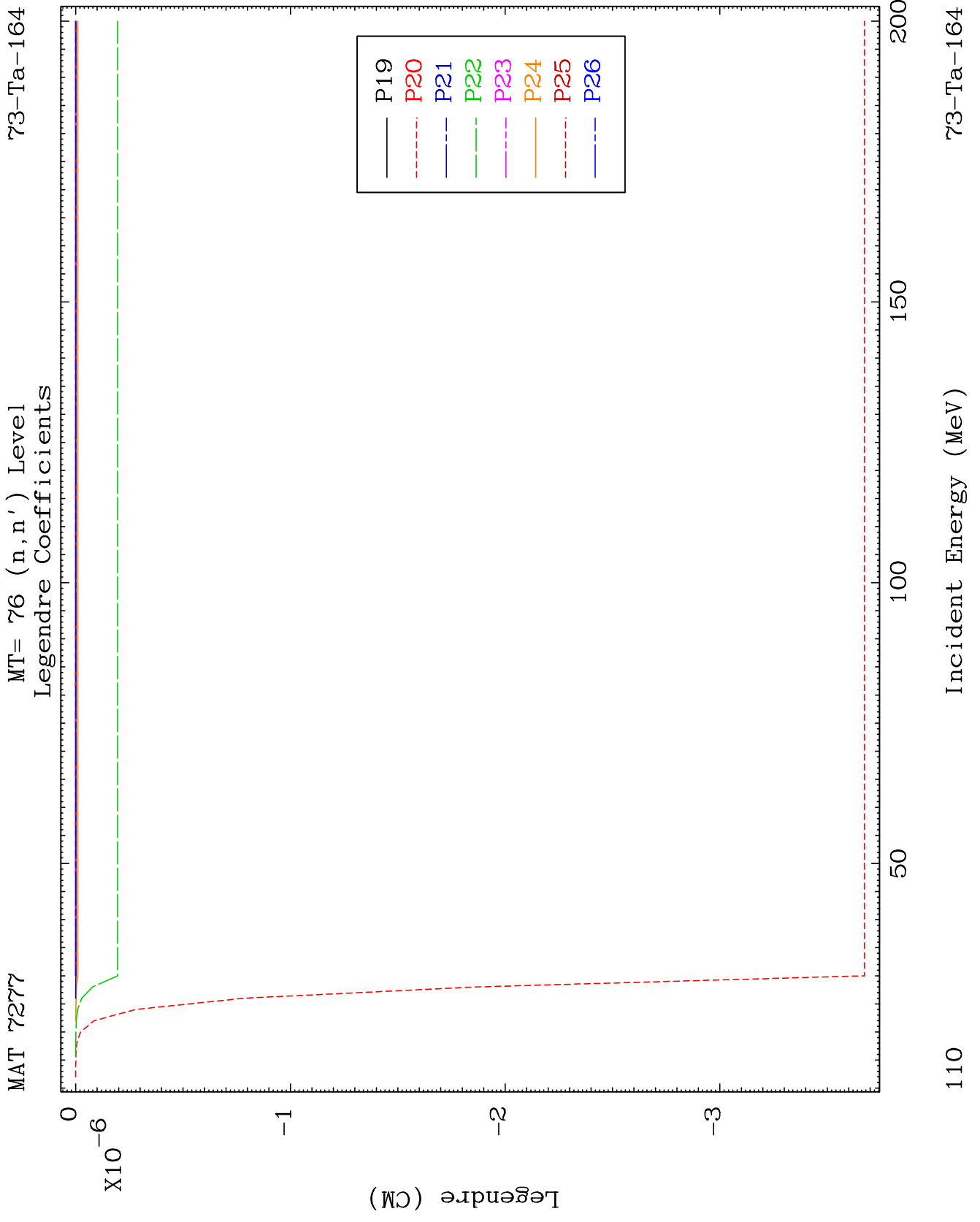


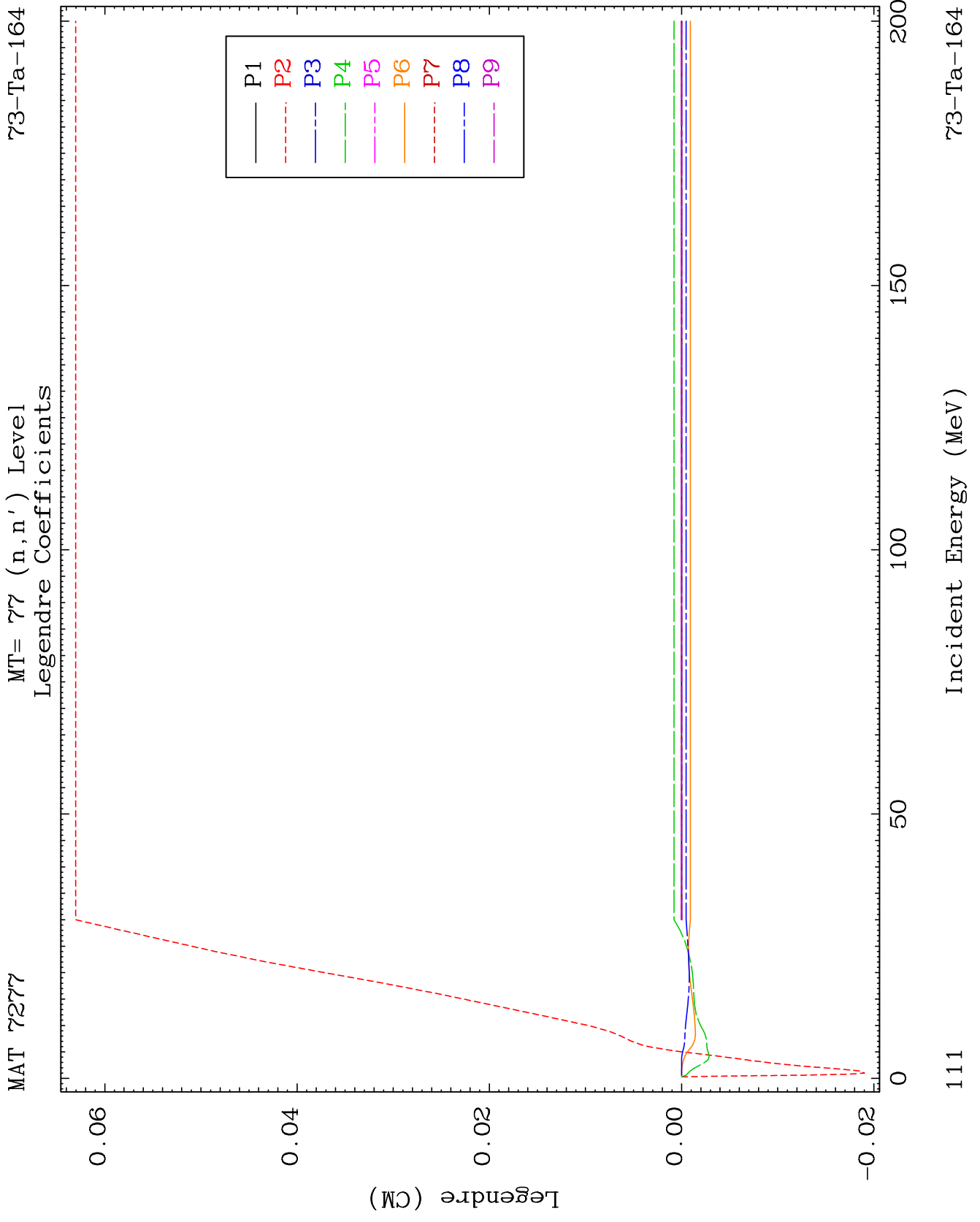
MAT 7277

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

73-Ta-164



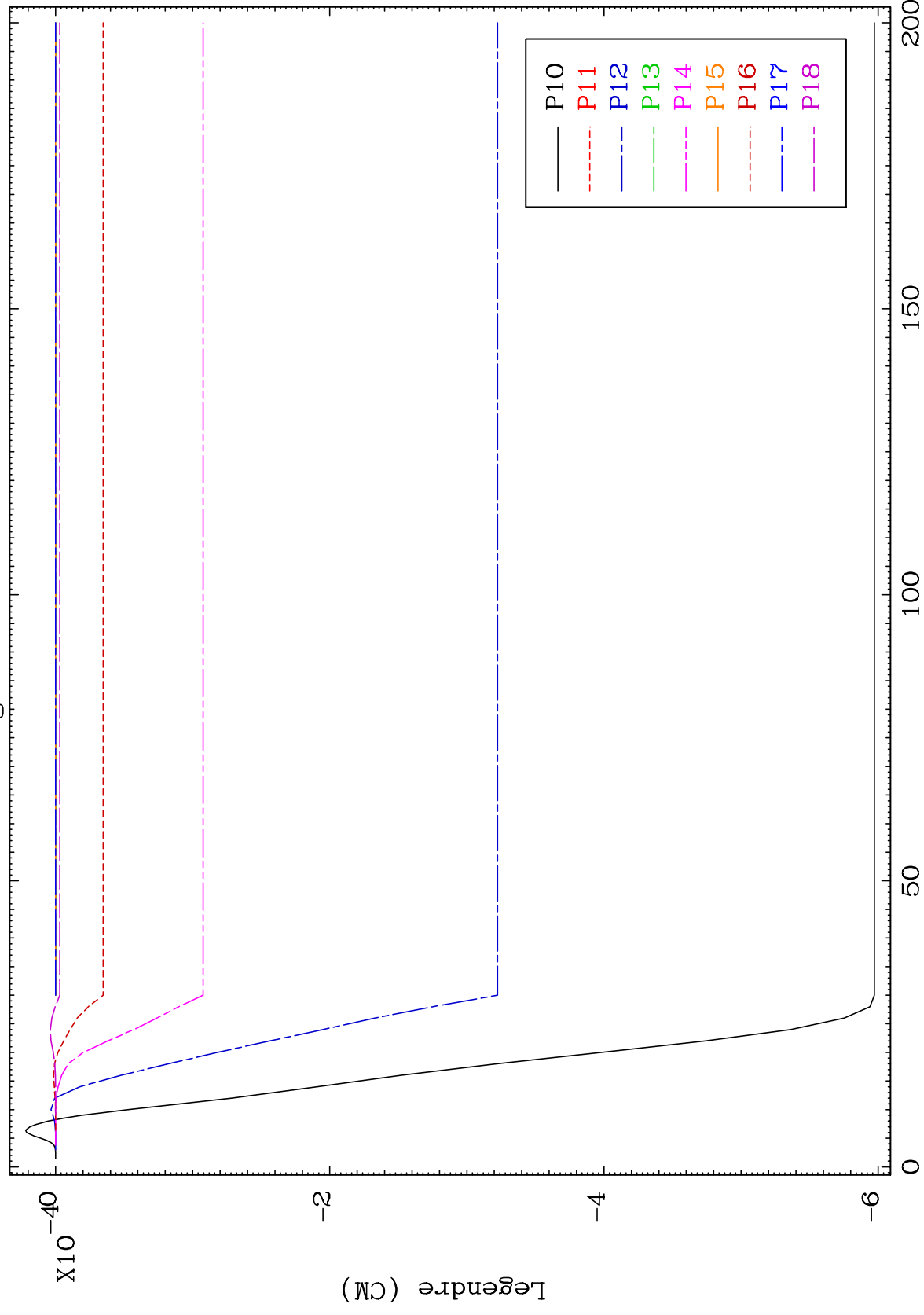




MAT 7277

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

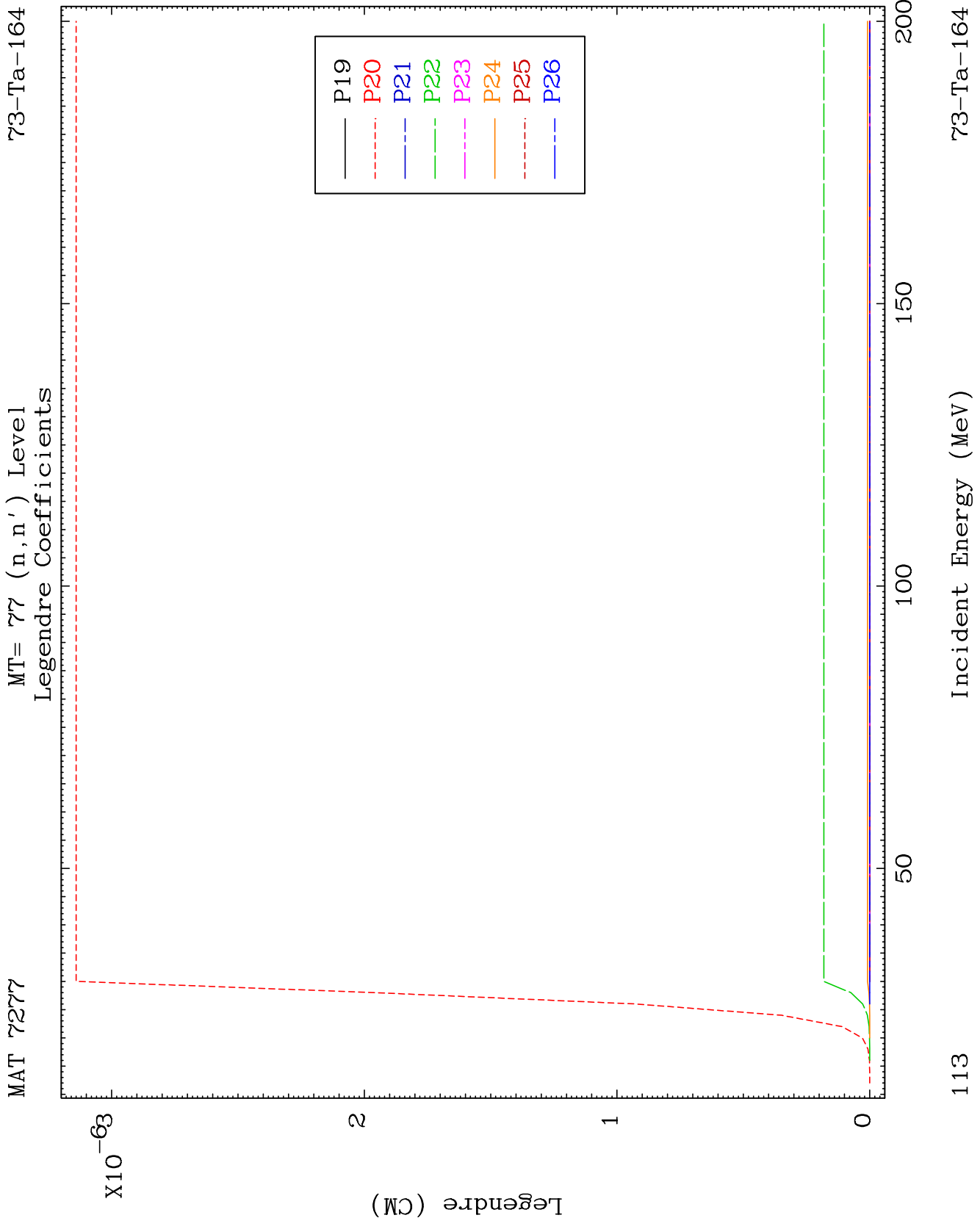
73-Ta-164



112

Incident Energy (MeV)

73-Ta-164

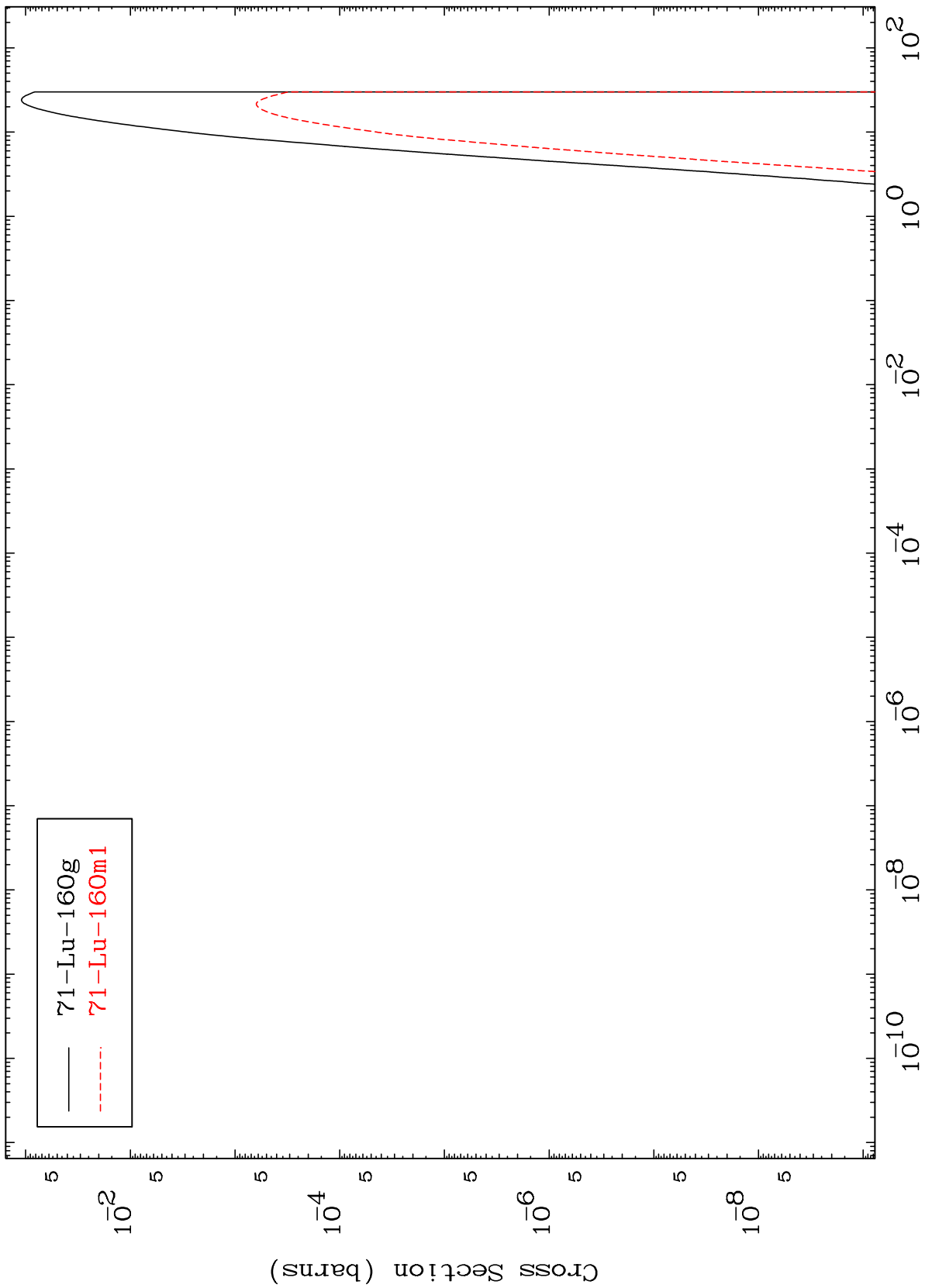


MAT 7277

$(n, n') \alpha$

$^{73}\text{Ta-164}$

Radionuclide Production Cross Section

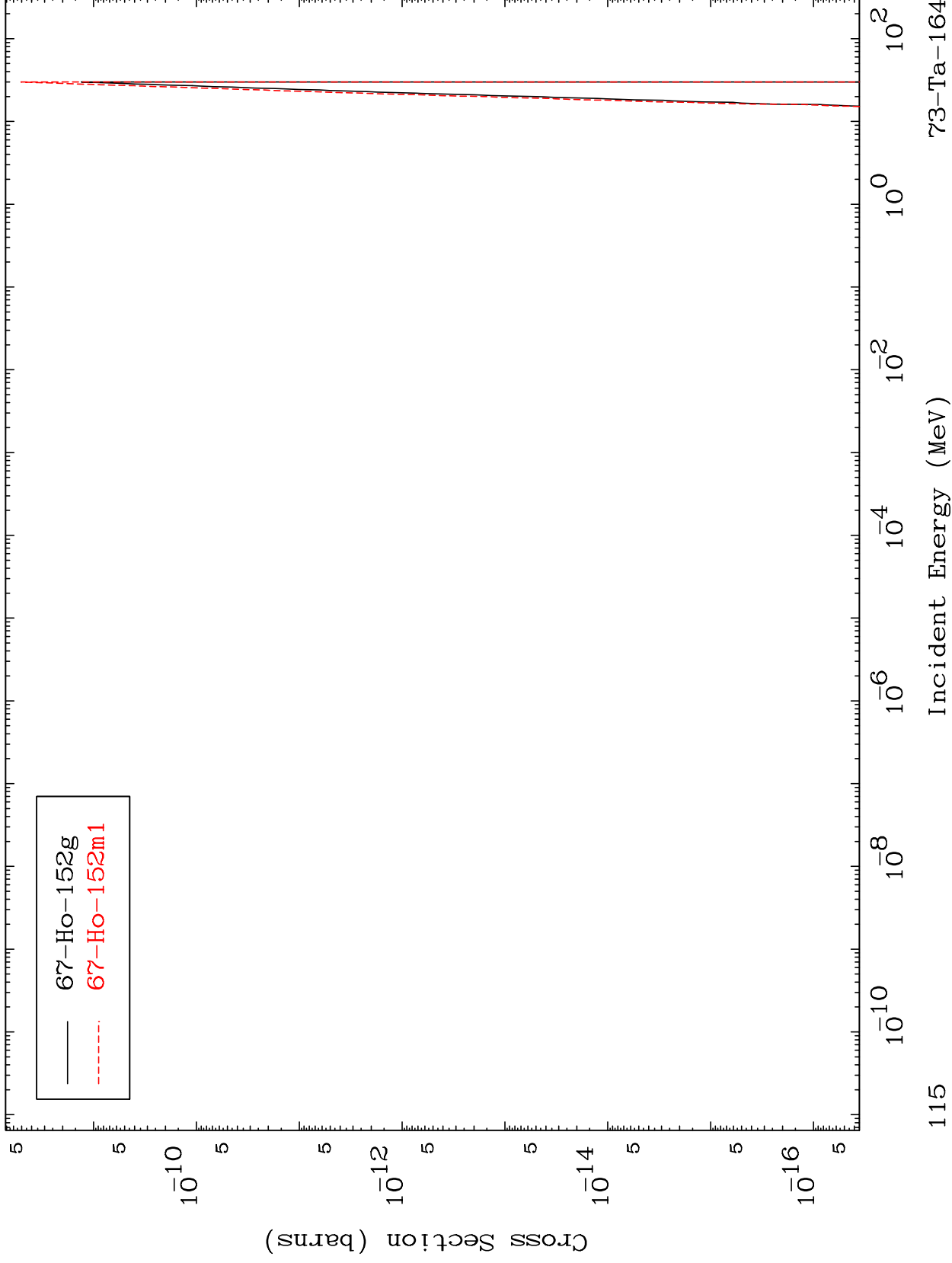


MAT 7277

(n,n') 3 α

⁷³Ta-164

Radionuclide Production Cross Section

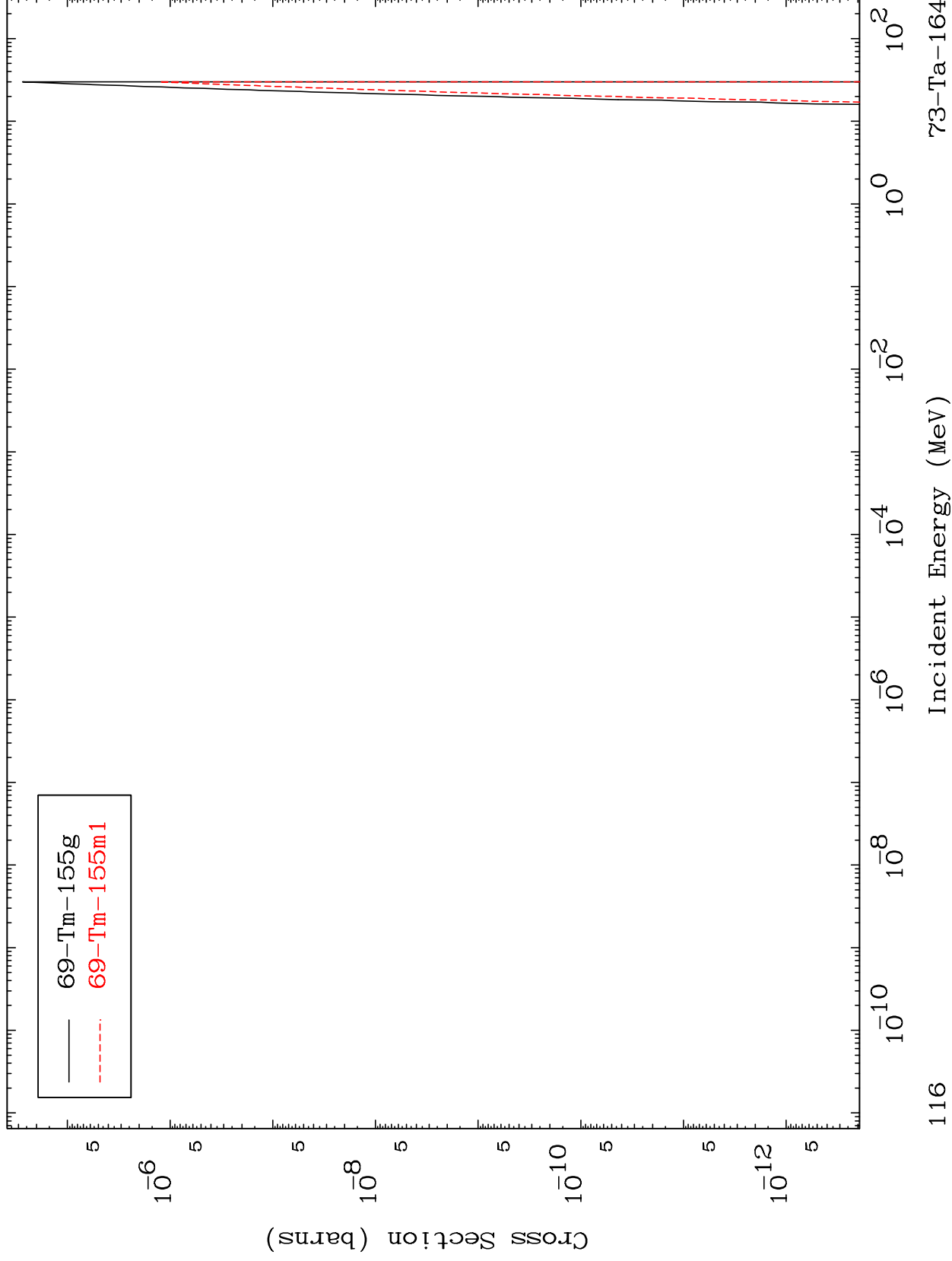


MAT 7277

(n,2n) 2α

73-Ta-164

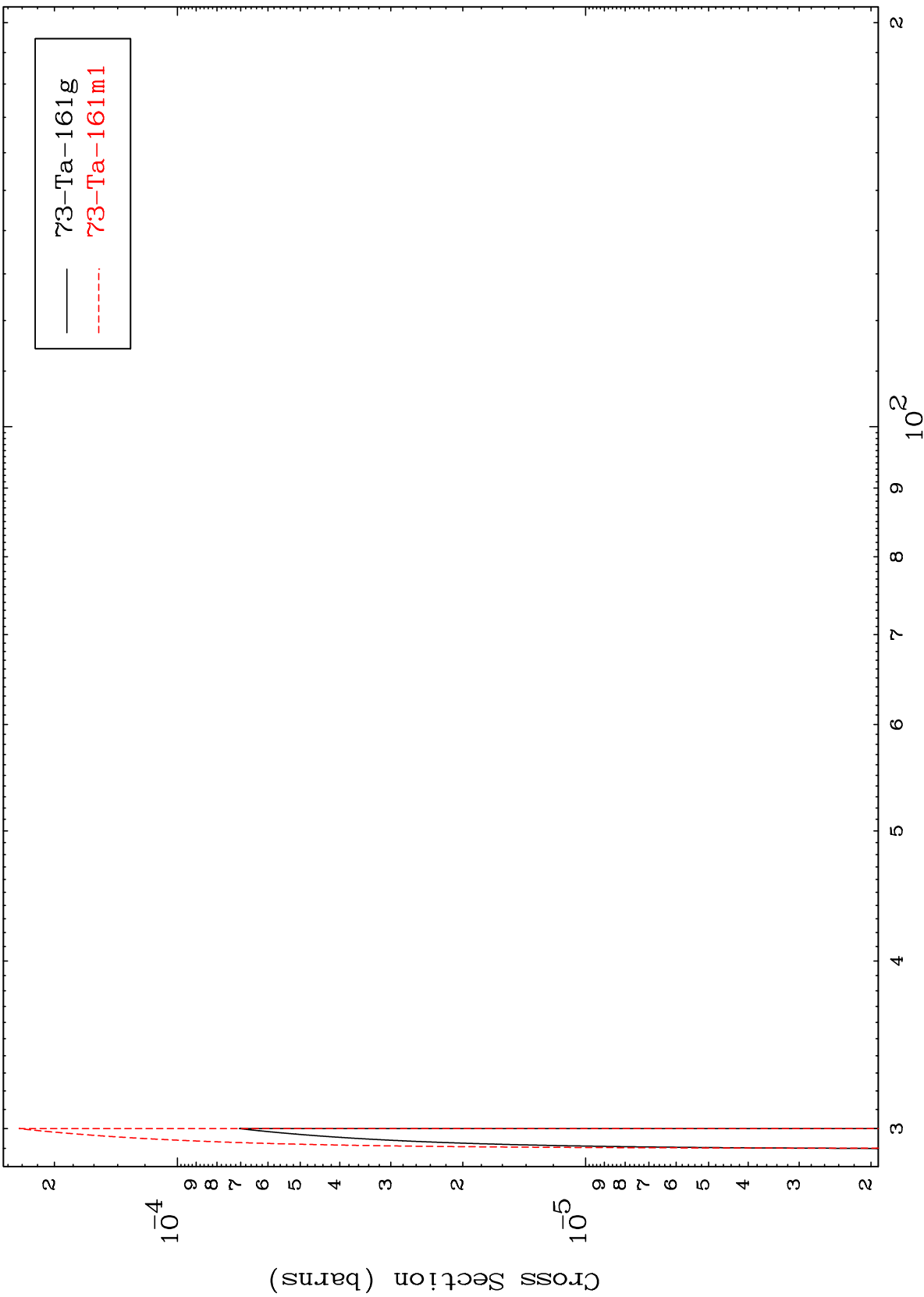
Radionuclide Production Cross Section



MAT 7277

⁷³Ta-164

(n,4n)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

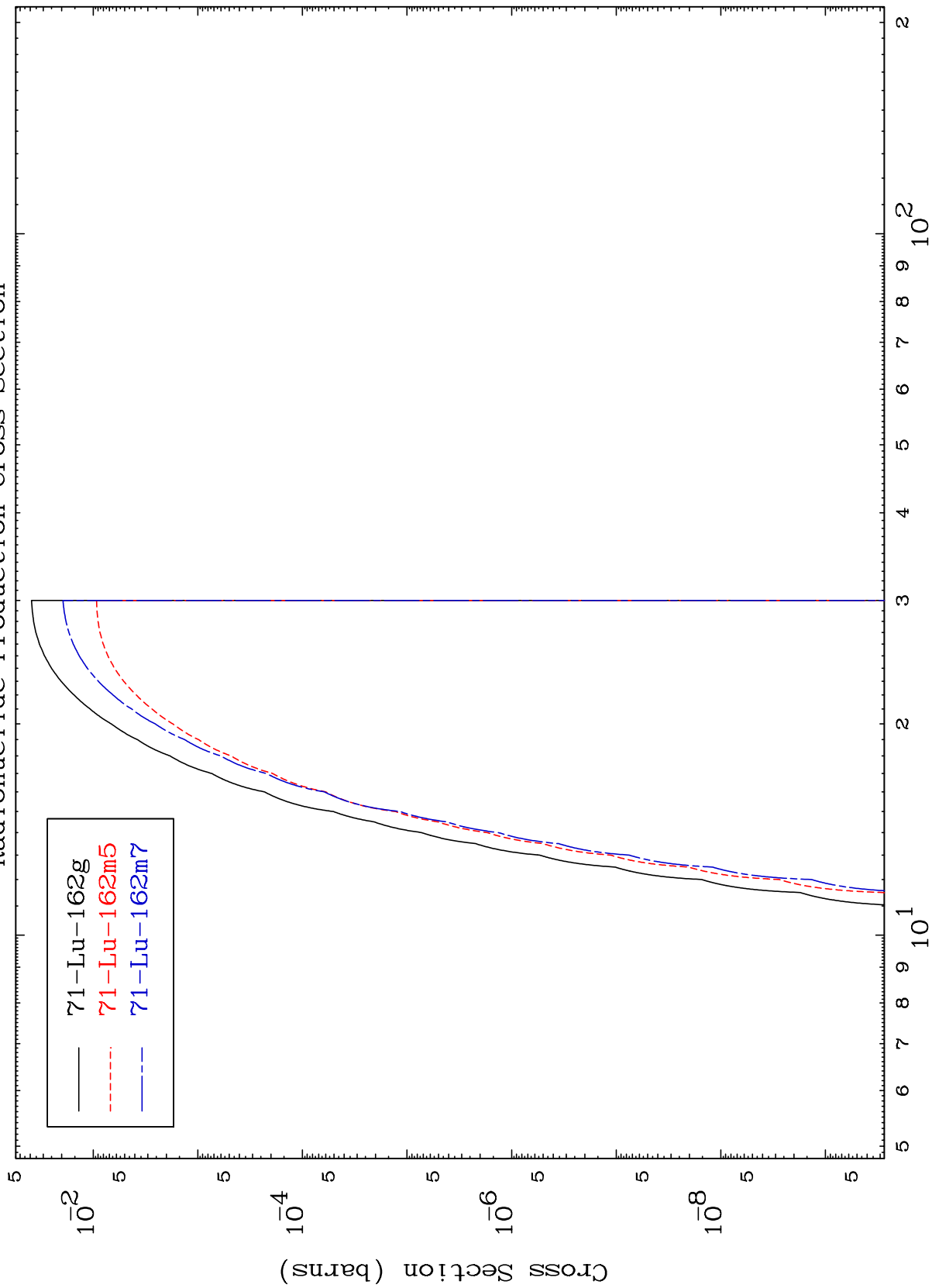
⁷³Ta-164

MAT 7277

(n,2n) p

73-Ta-164

Radionuclide Production Cross Section



118

Incident Energy (MeV)

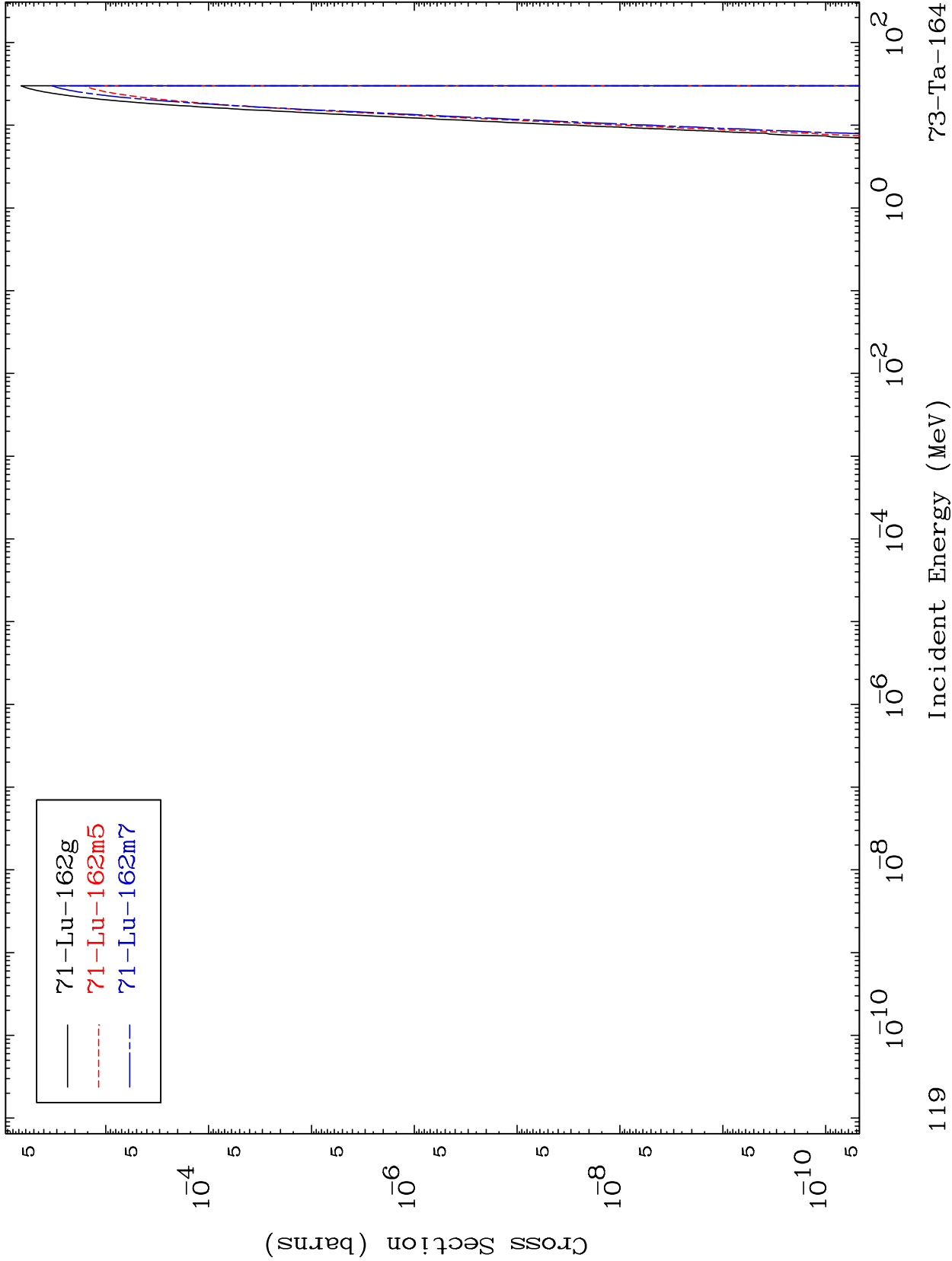
73-Ta-164

MAT 7277

(n,He-3)

73-Ta-164

Radionuclide Production Cross Section

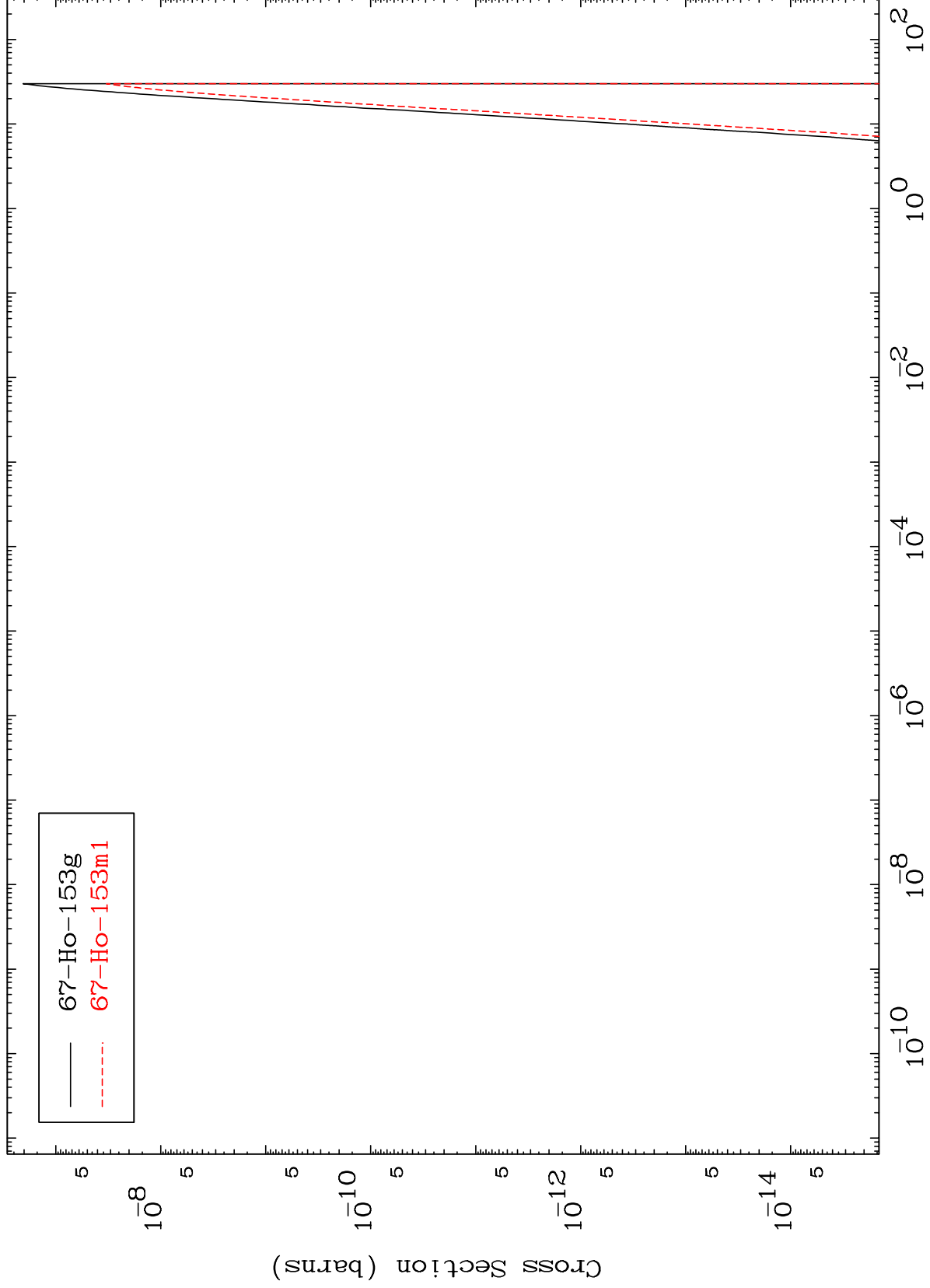


MAT 7277

(n, 3α)

73-Ta-164

Radionuclide Production Cross Section



67-Ho-153g
67-Ho-153m1

120

Incident Energy (MeV)

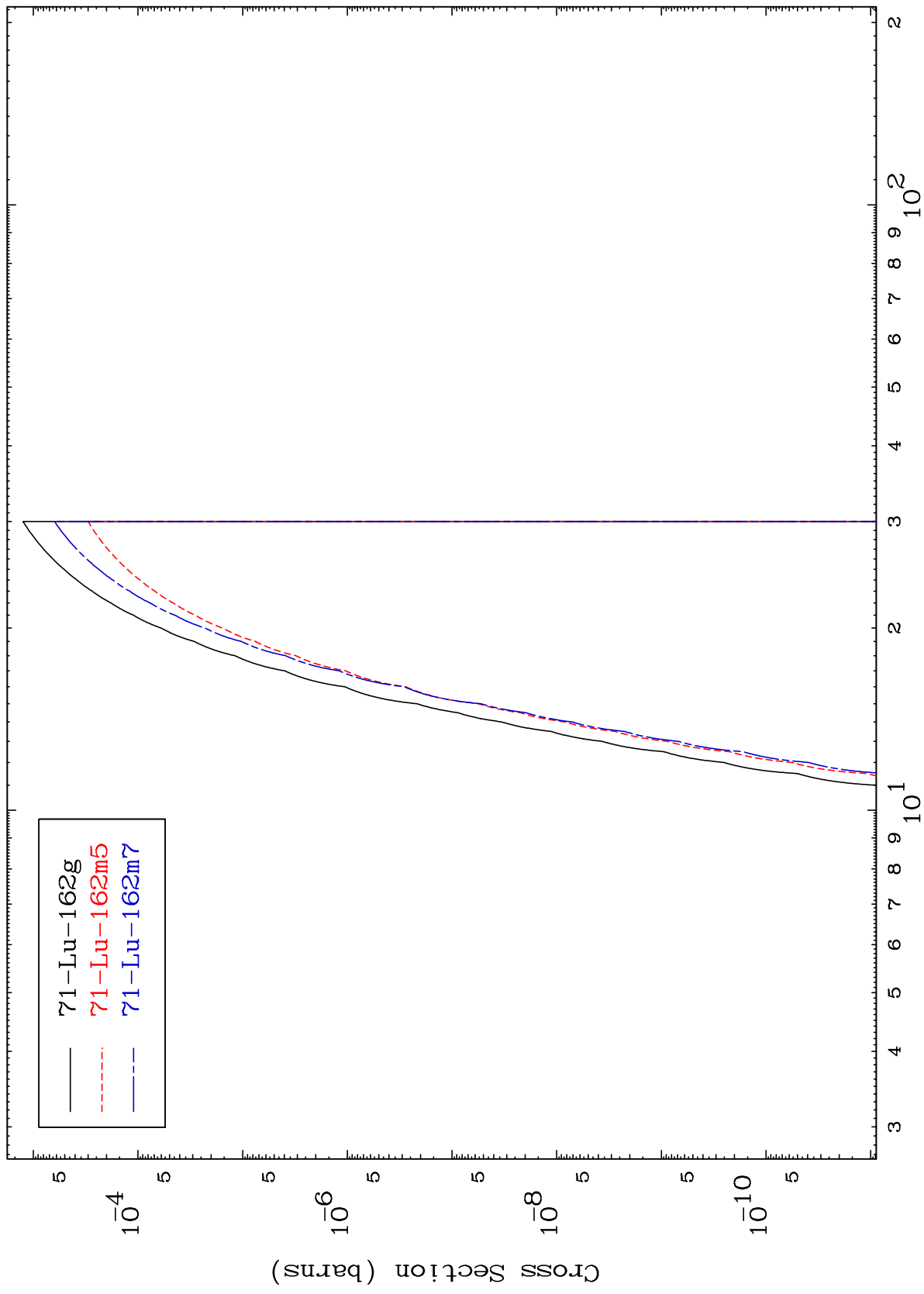
73-Ta-164

MAT 7277

(n,p) d

73-Ta-164

Radionuclide Production Cross Section



121

Incident Energy (MeV)

73-Ta-164