

Program EVALPLOT  
(Version 2018-1)

by

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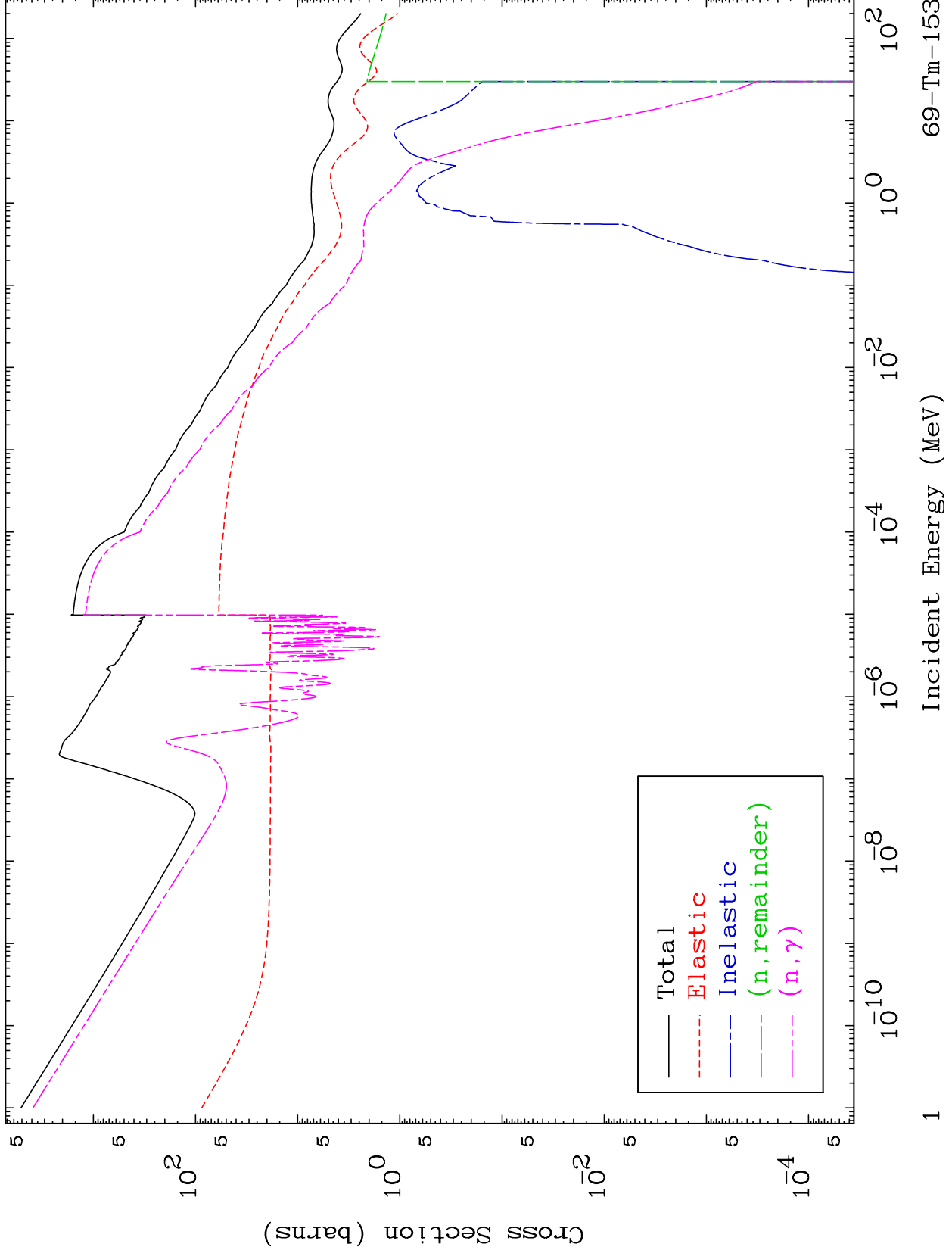
Press Mouse Button to Start

MAT 6877

Major

293 Kelvin Cross Sections

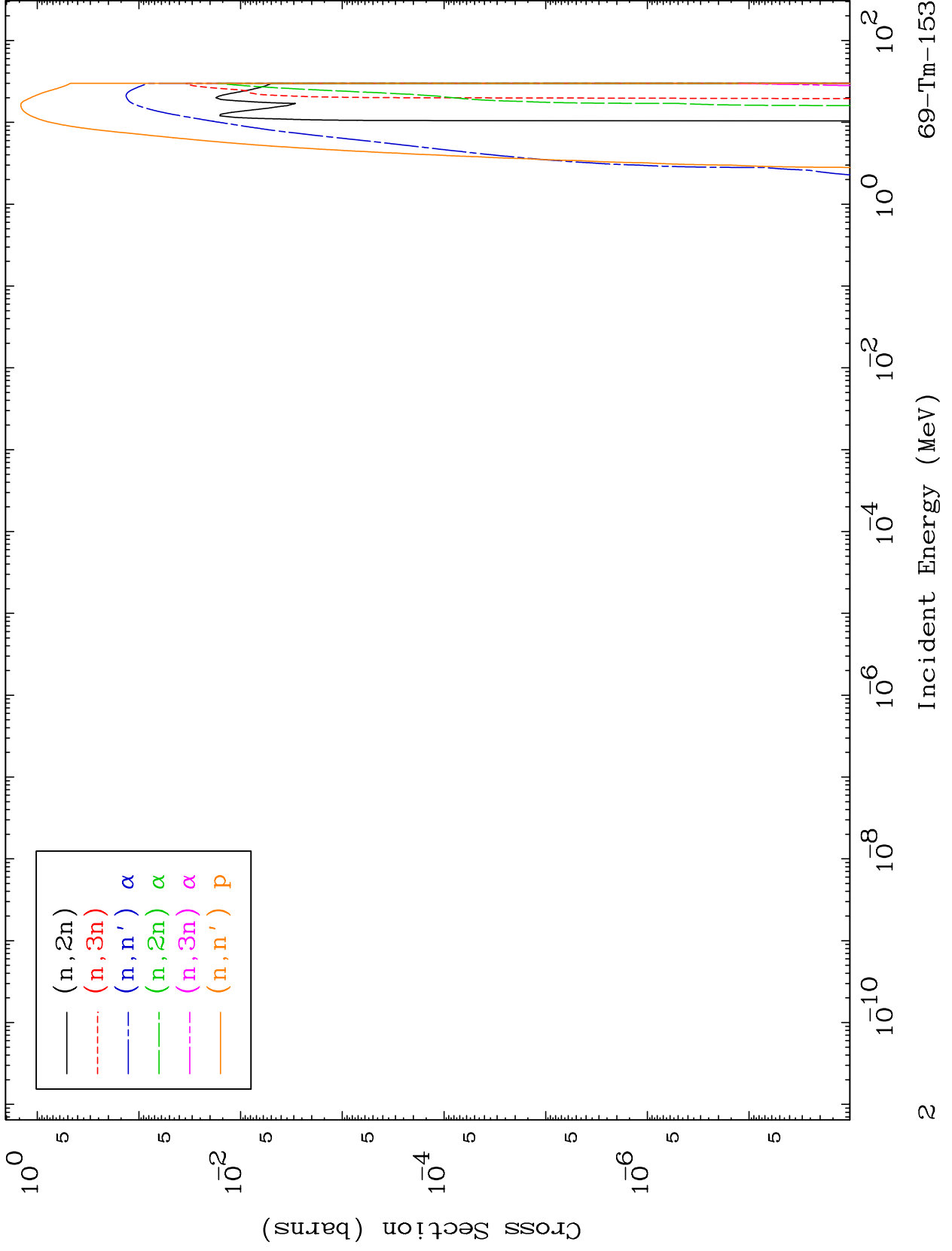
69-Tm-153



MAT 6877

Neutron Production  
293 Kelvin Cross Sections

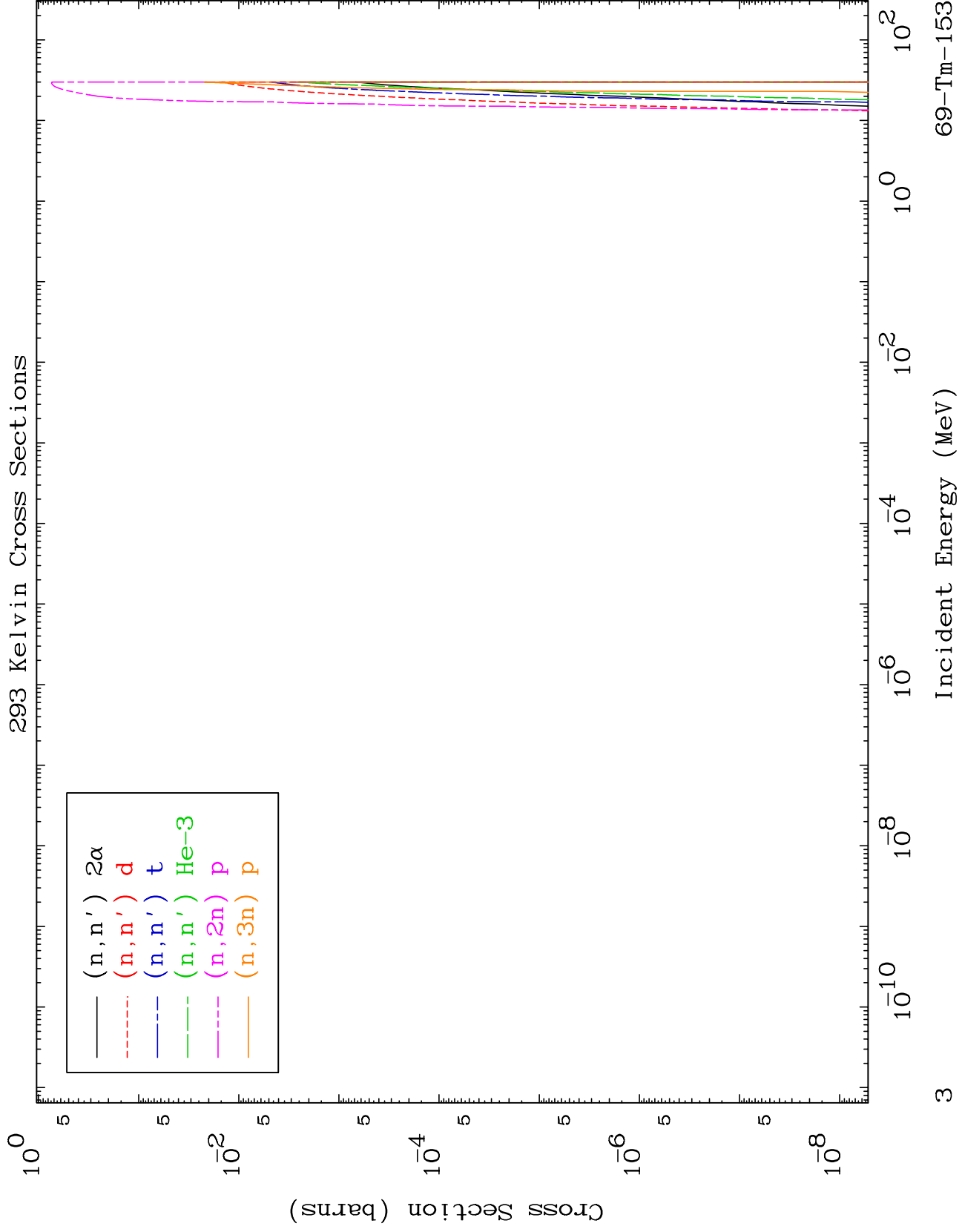
69-Tm-153



MAT 6877

Neutron Production  
293 Kelvin Cross Sections

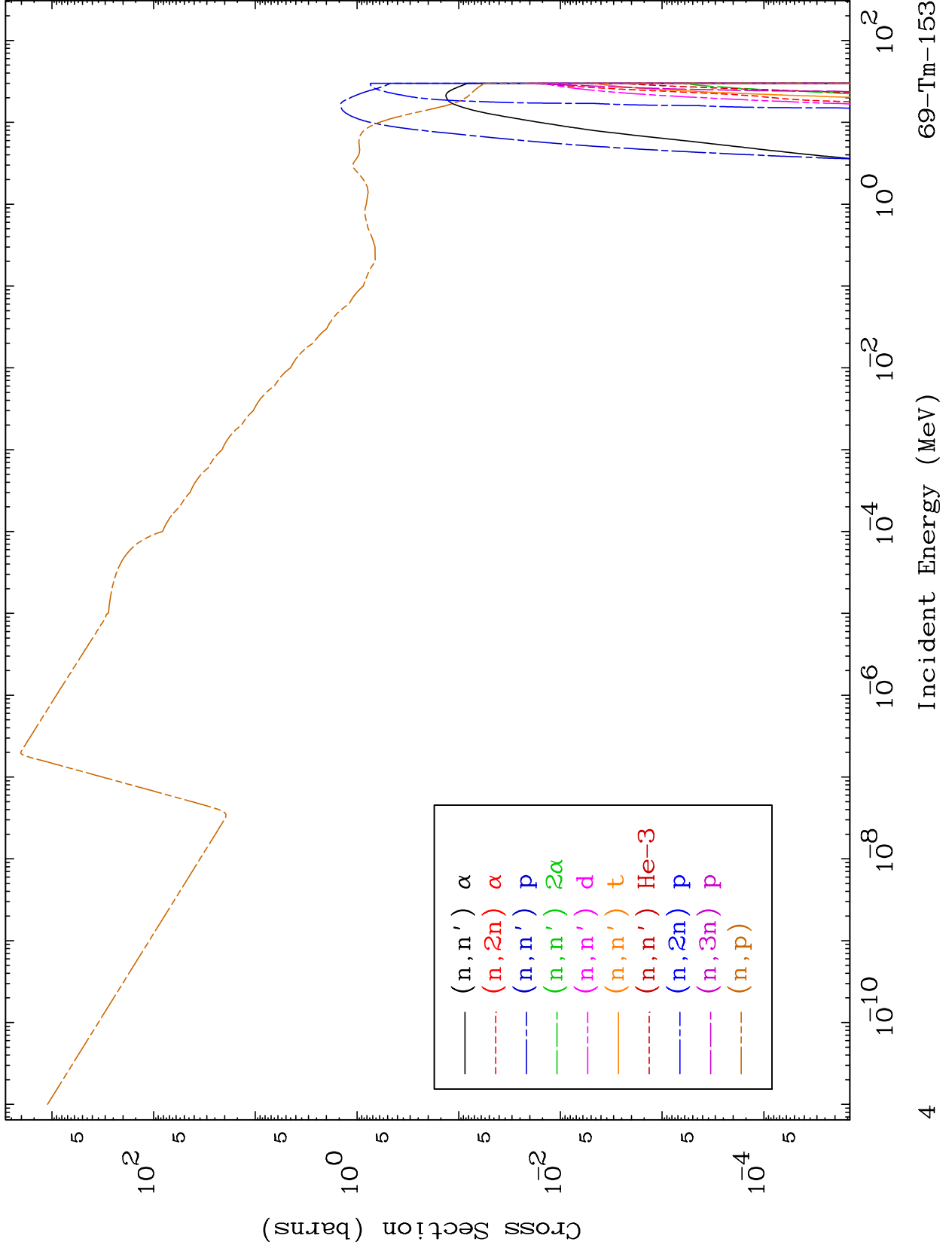
69-Tm-153



MAT 68777

Charged Particle  
293 Kelvin Cross Sections

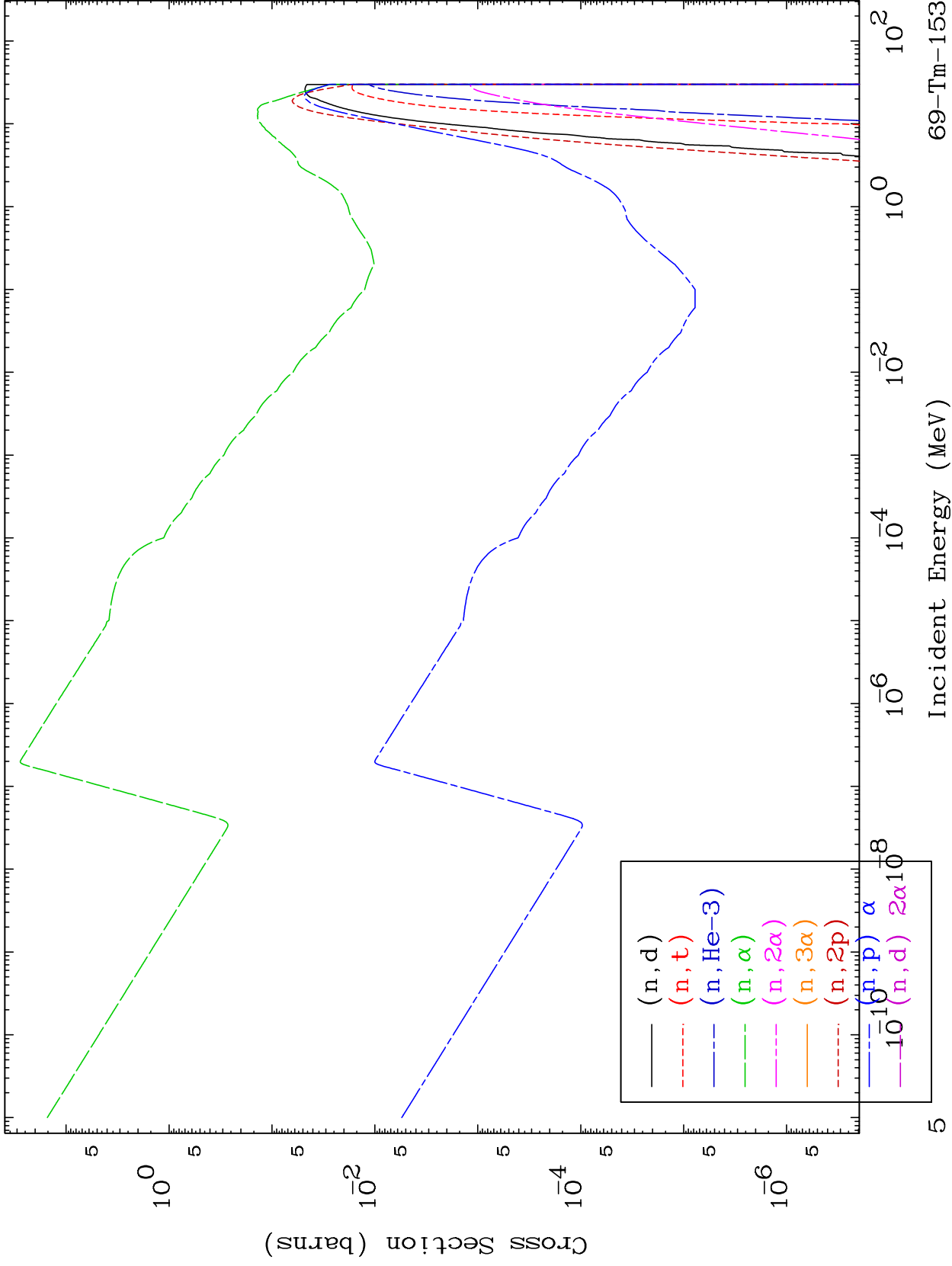
69-Tm-153

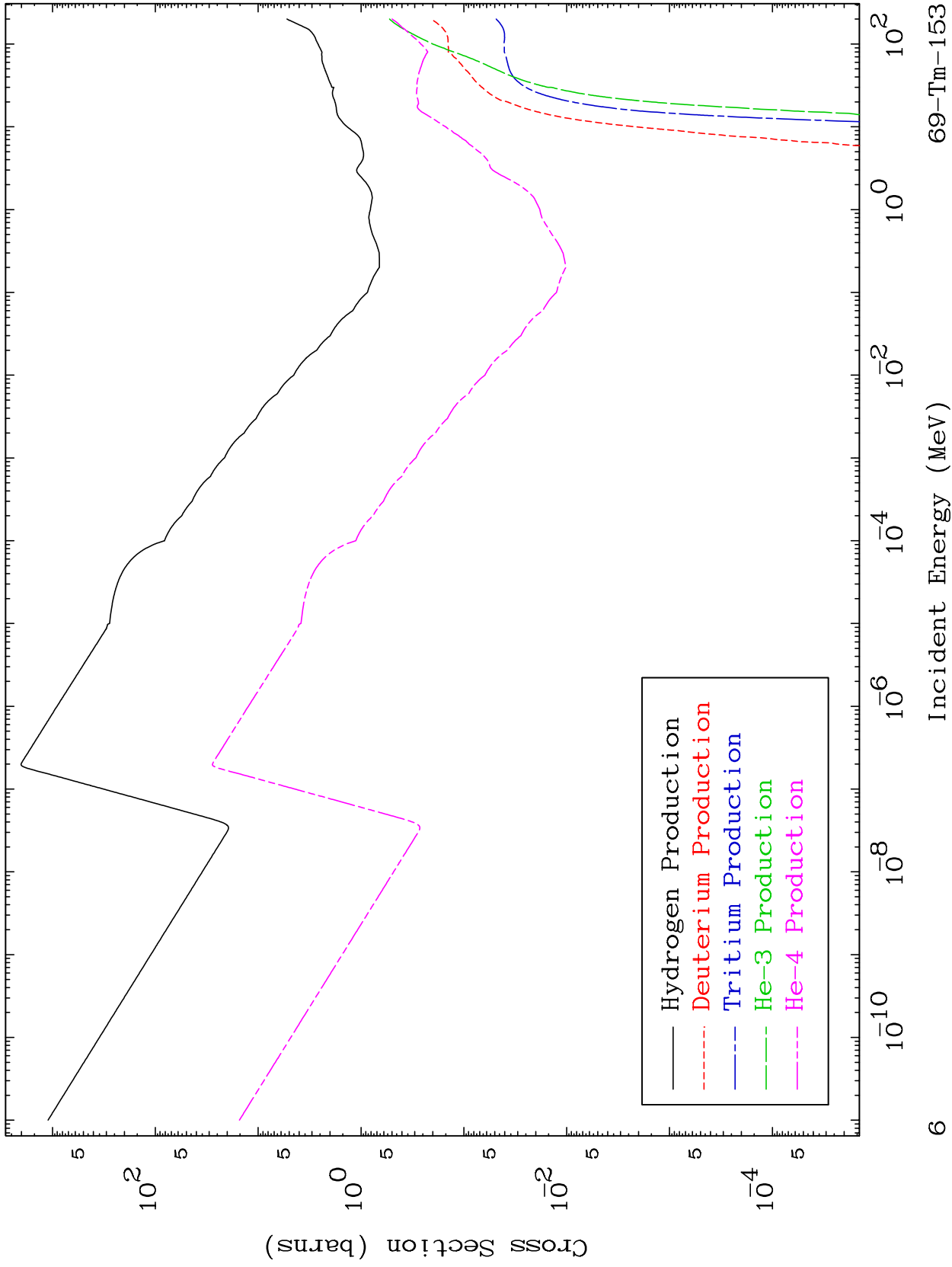


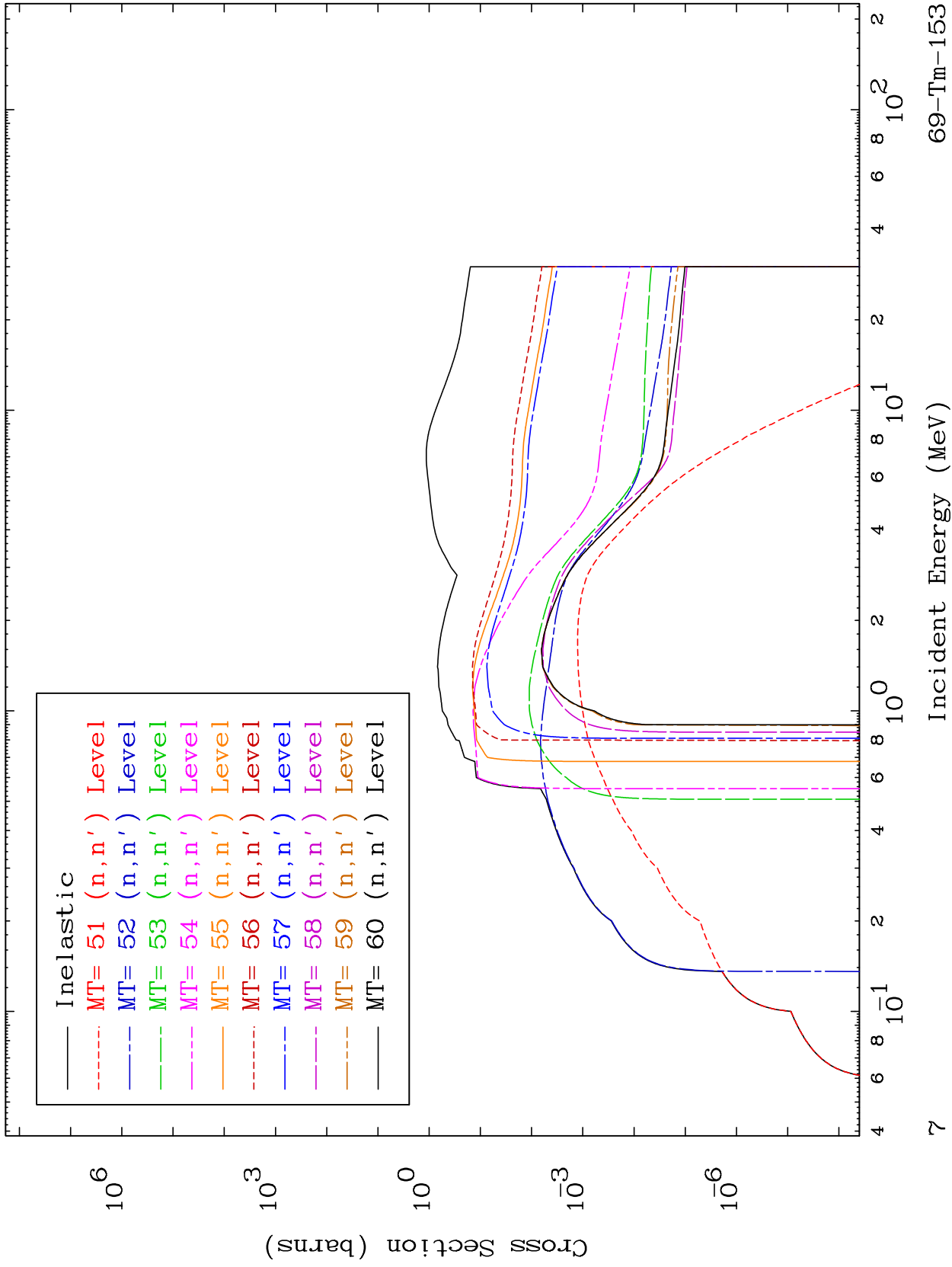
MAT 6877

Charged Particle  
293 Kelvin Cross Sections

69-Tm-153







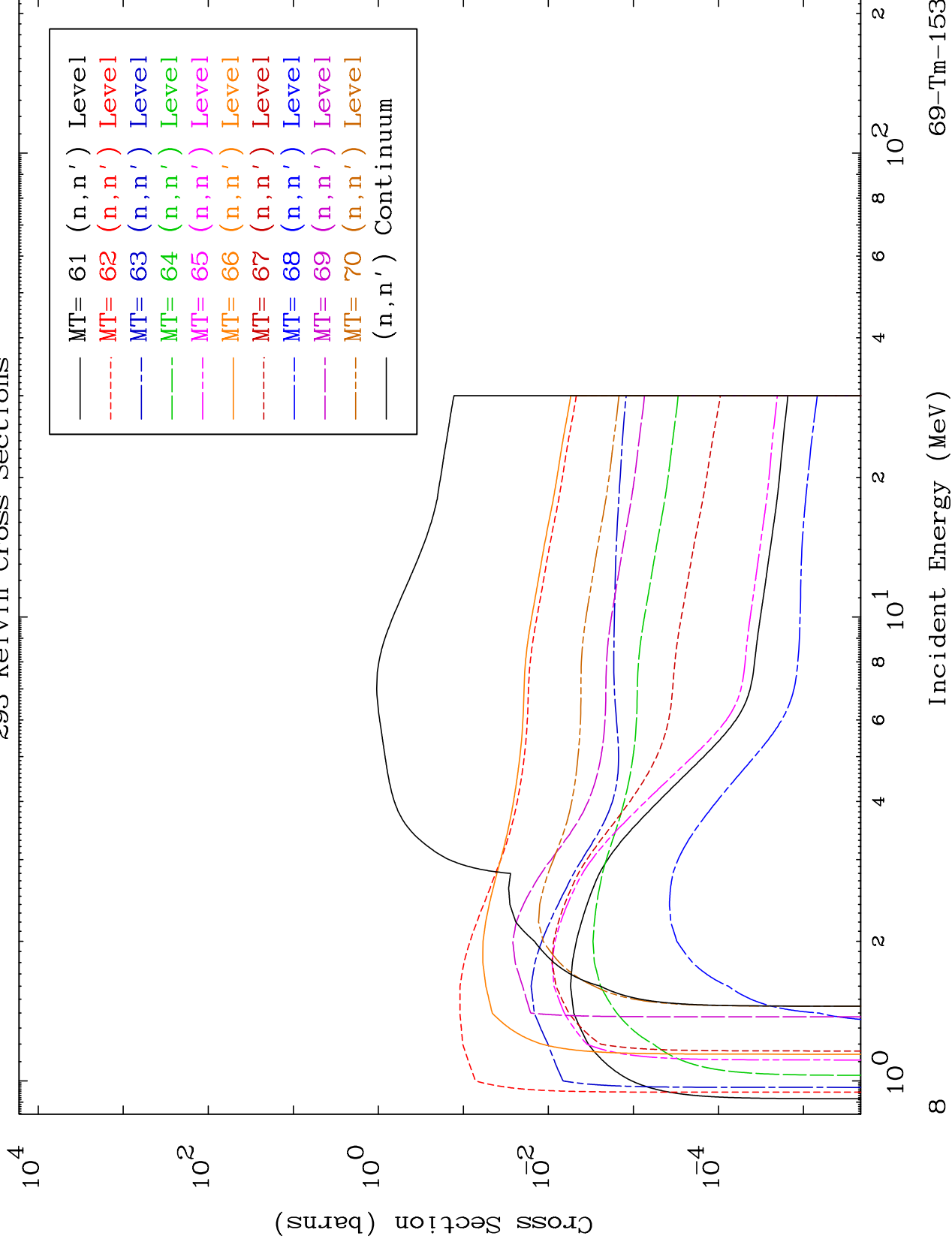


MAT 6877

(n,n') Level

293 Kelvin Cross Sections

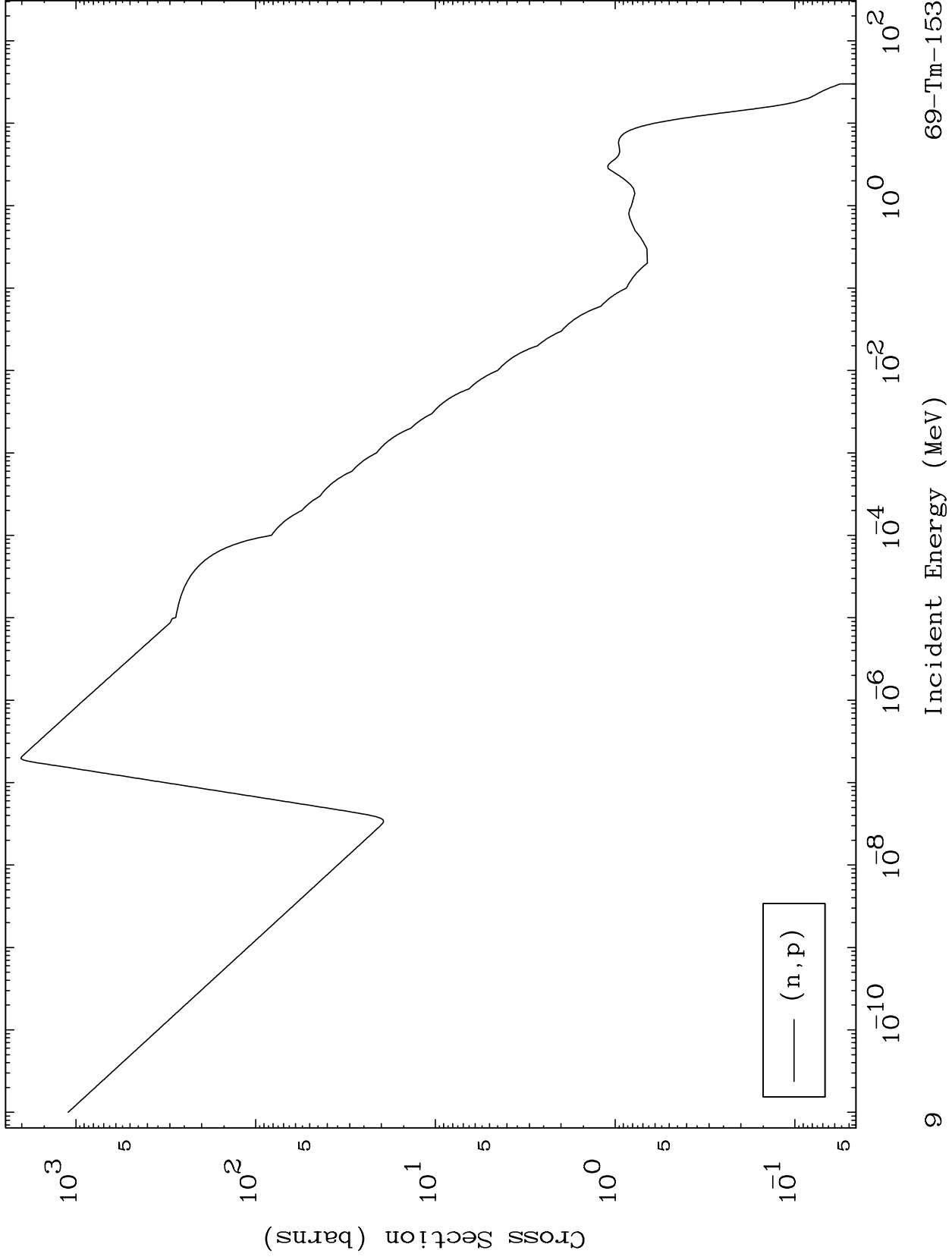
69-Tm-153



MAT 68777

(n,p) Levels  
293 Kelvin Cross Sections

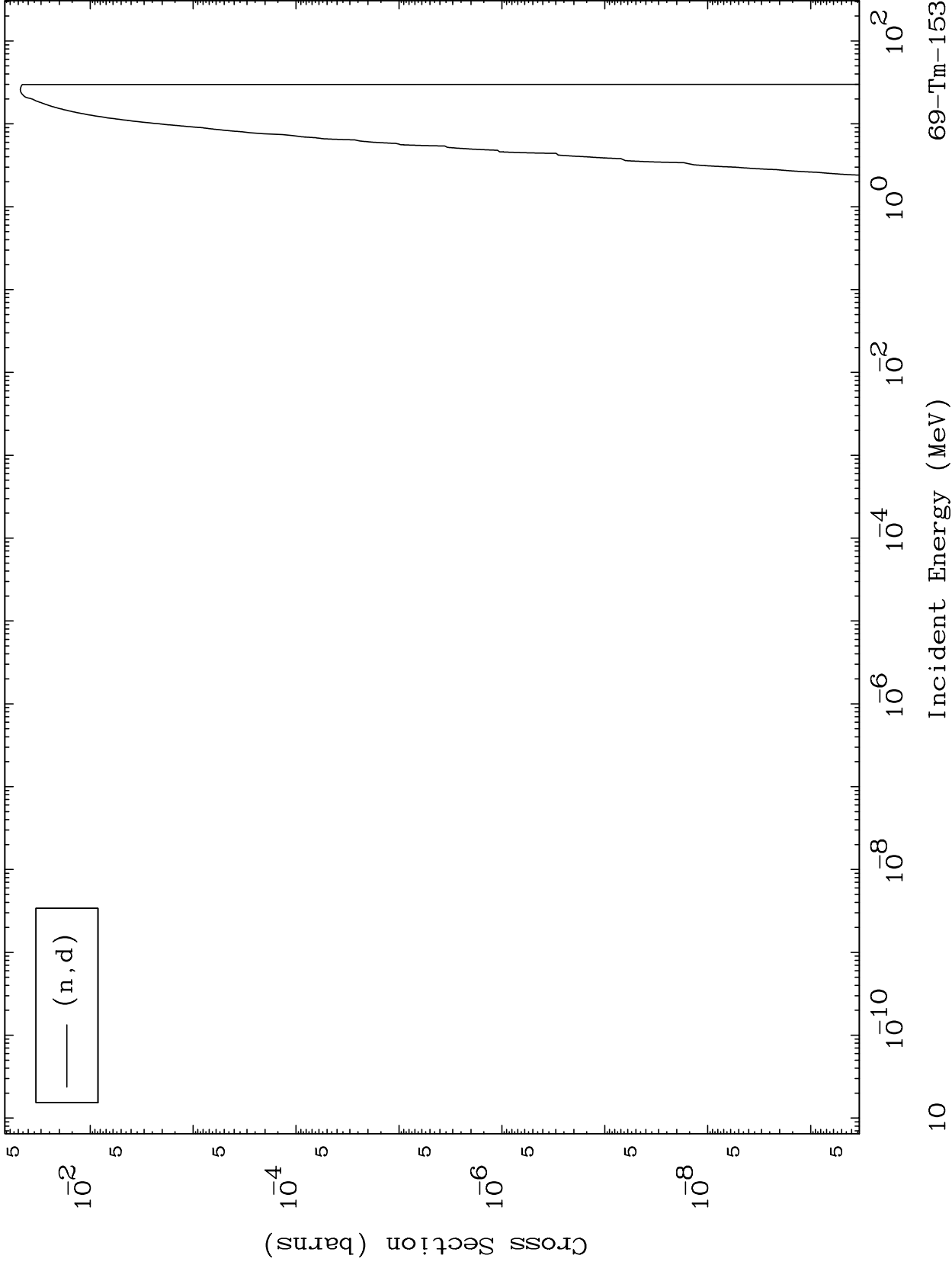
69-Tm-153



MAT 6877

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-153



10

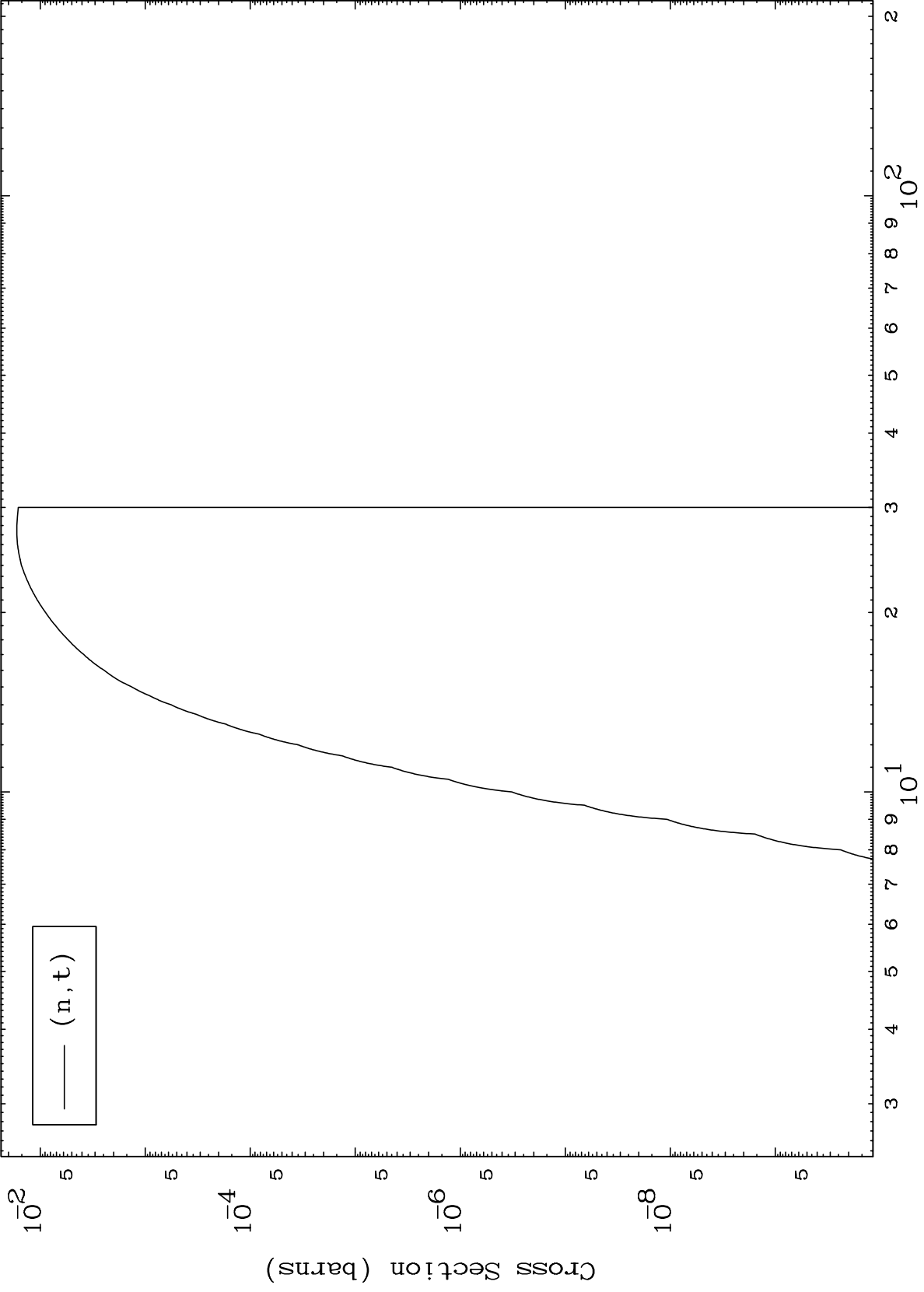
Incident Energy (MeV)

69-Tm-153

MAT 6877

(n,t) Levels  
293 Kelvin Cross Sections

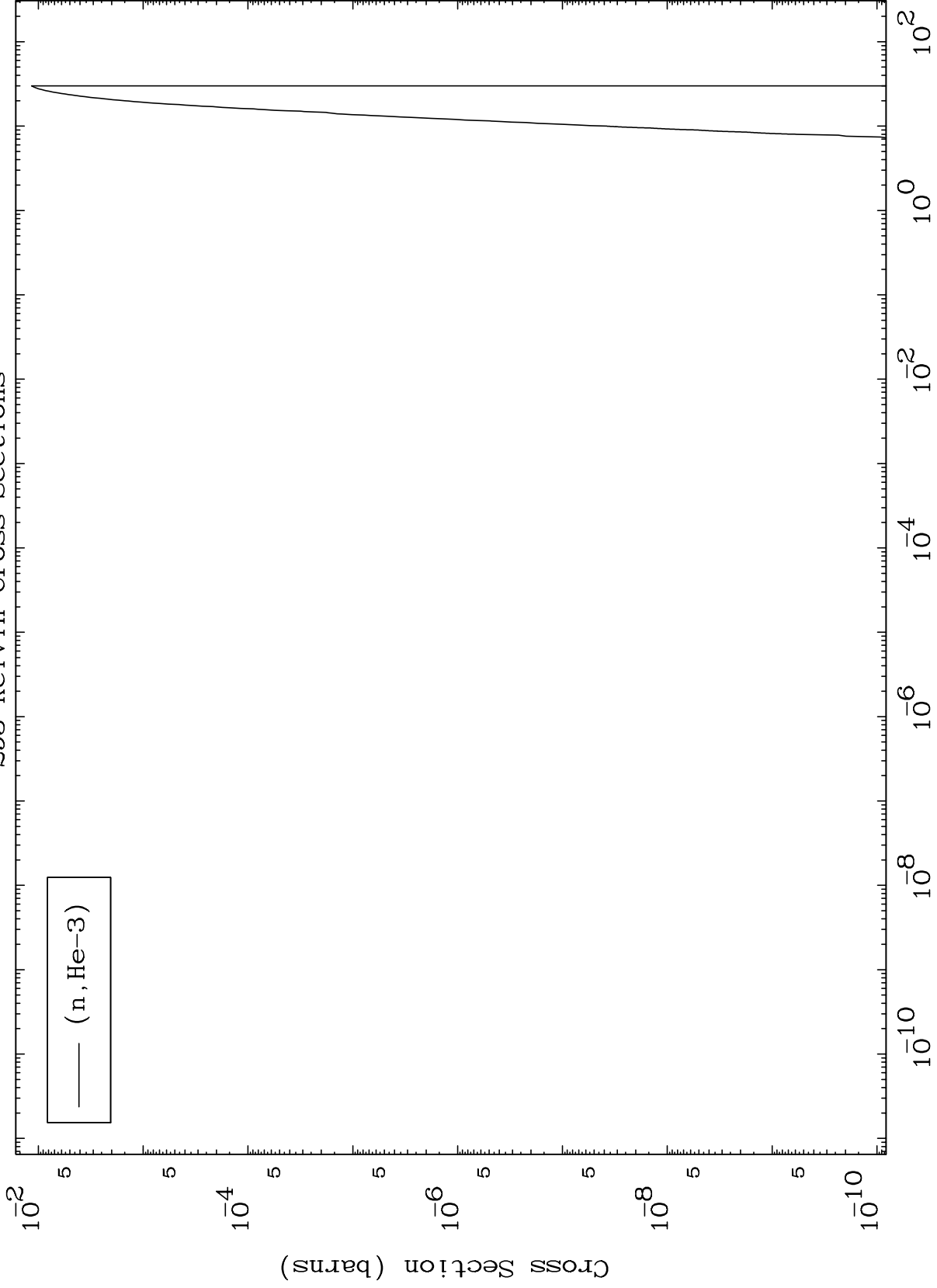
69-Tm-153



MAT 6877

(n,He3) Levels  
293 Kelvin Cross Sections

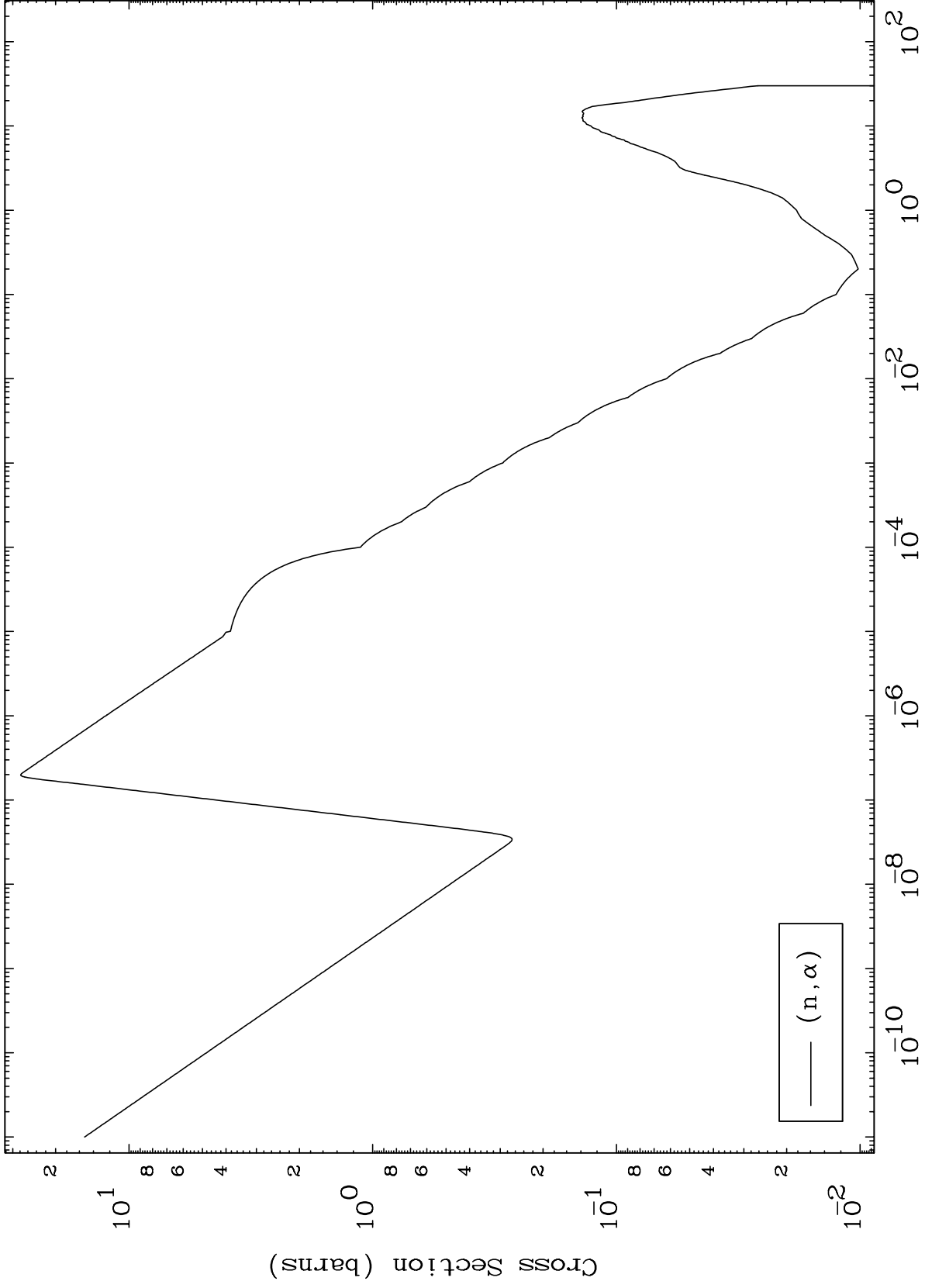
69-Tm-153

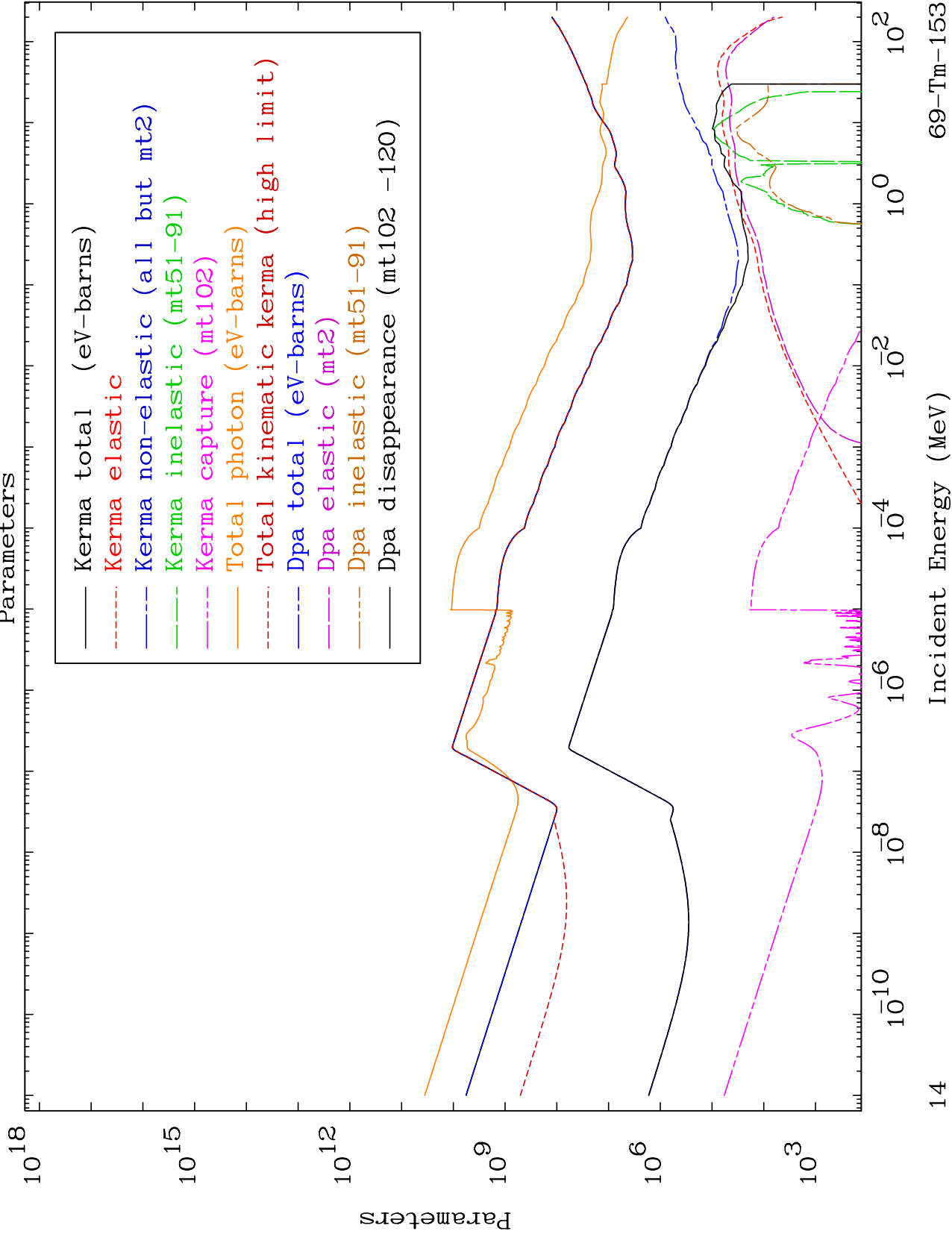


MAT 6877

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-153

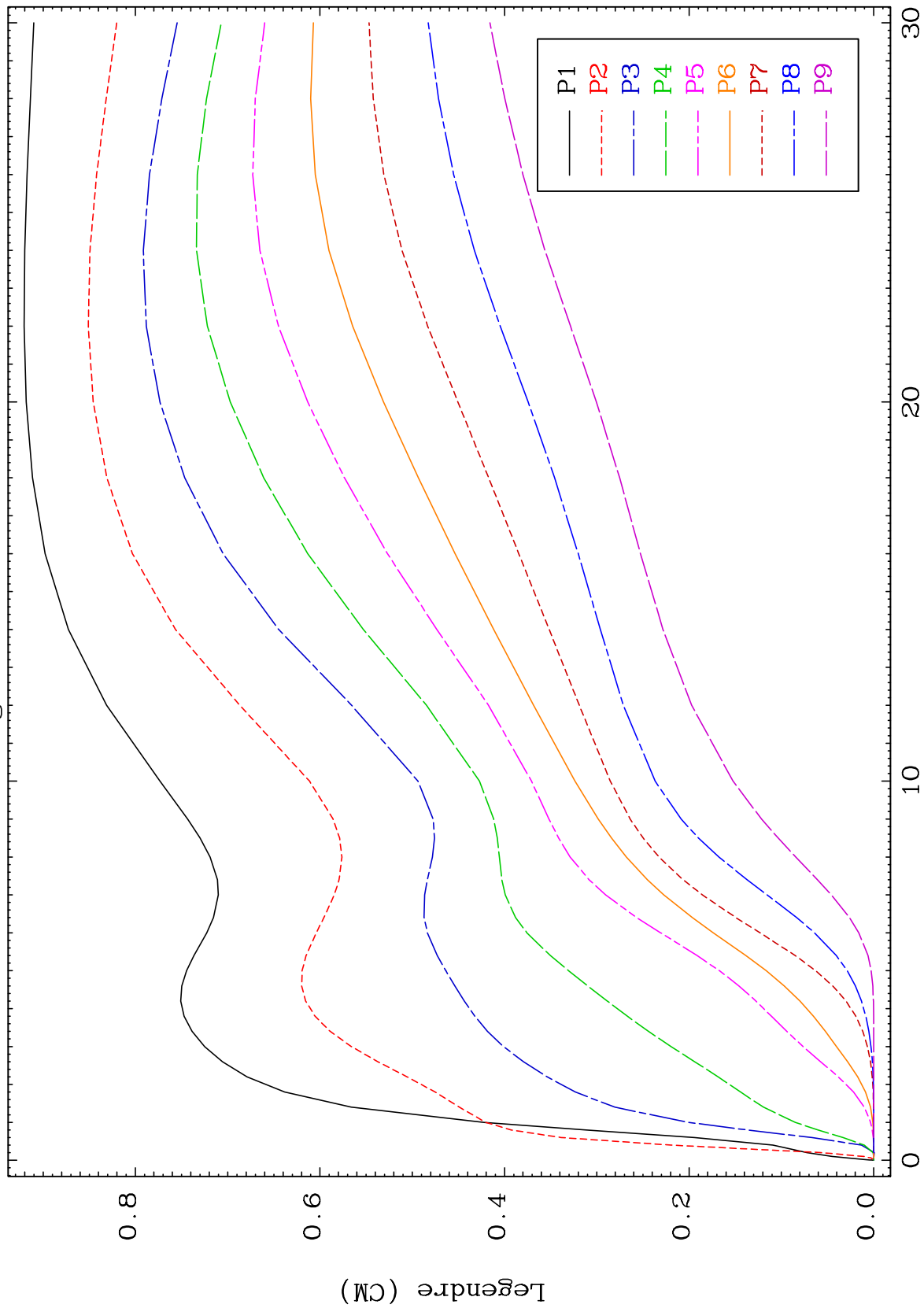




MAT 6877

Elastic Legendre Coefficients

69-Tm-153



15

Incident Energy (MeV)

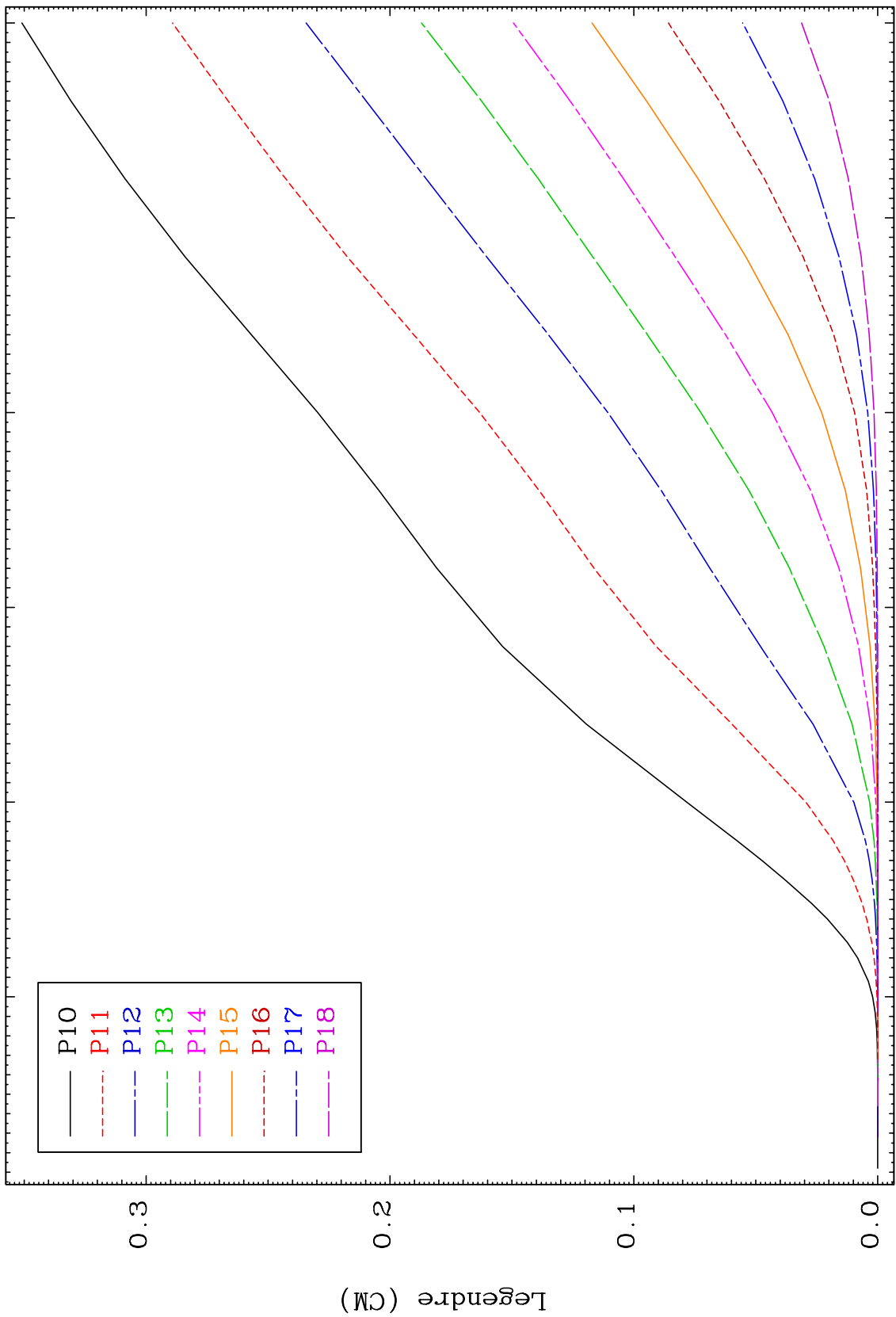
69-Tm-153



MAT 6877

Elastic Legendre Coefficients

69-Tm-153



16

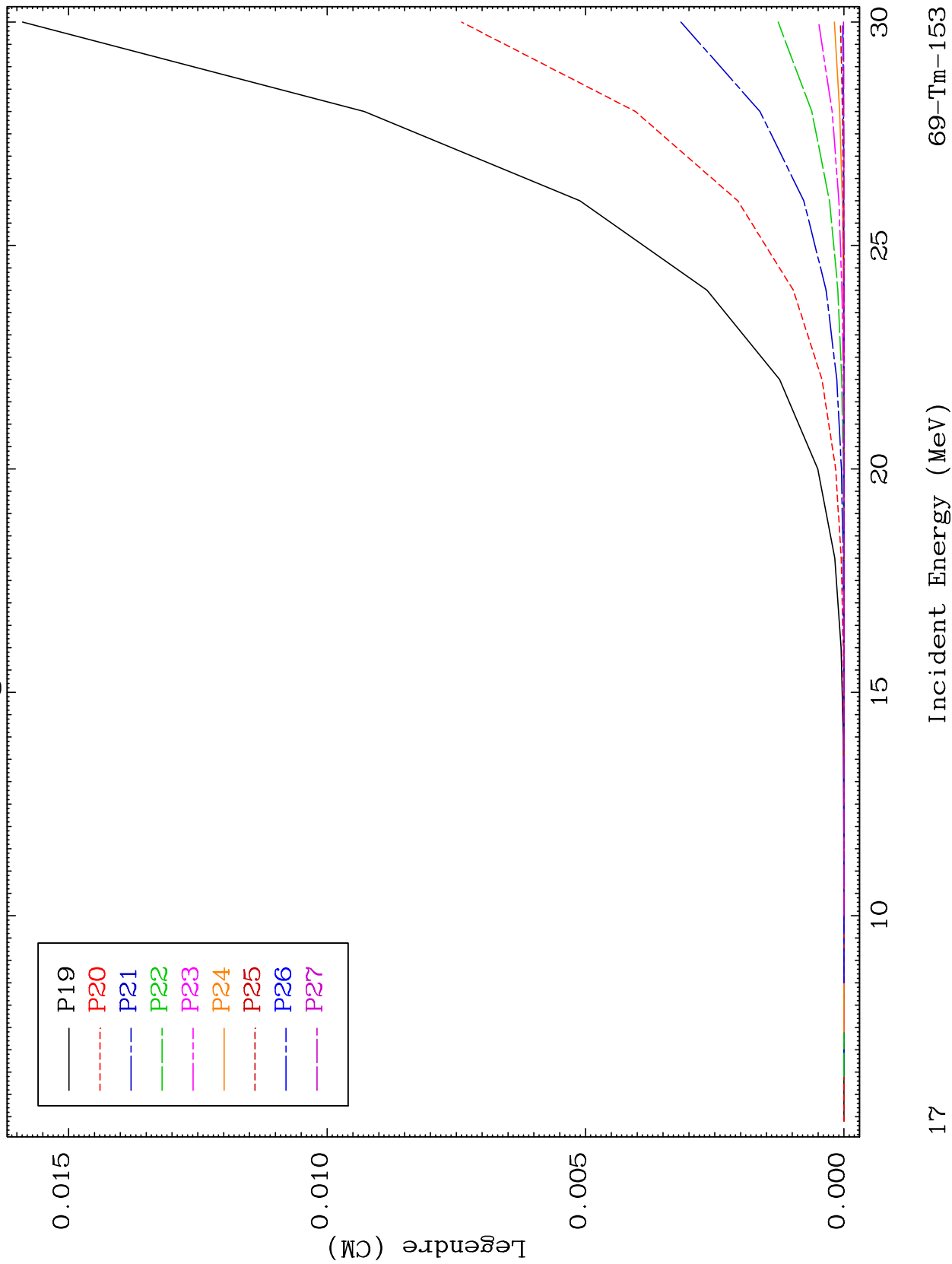
Incident Energy (MeV)

69-Tm-153

MAT 6877

### Elastic Legendre Coefficients

69-Tm-153



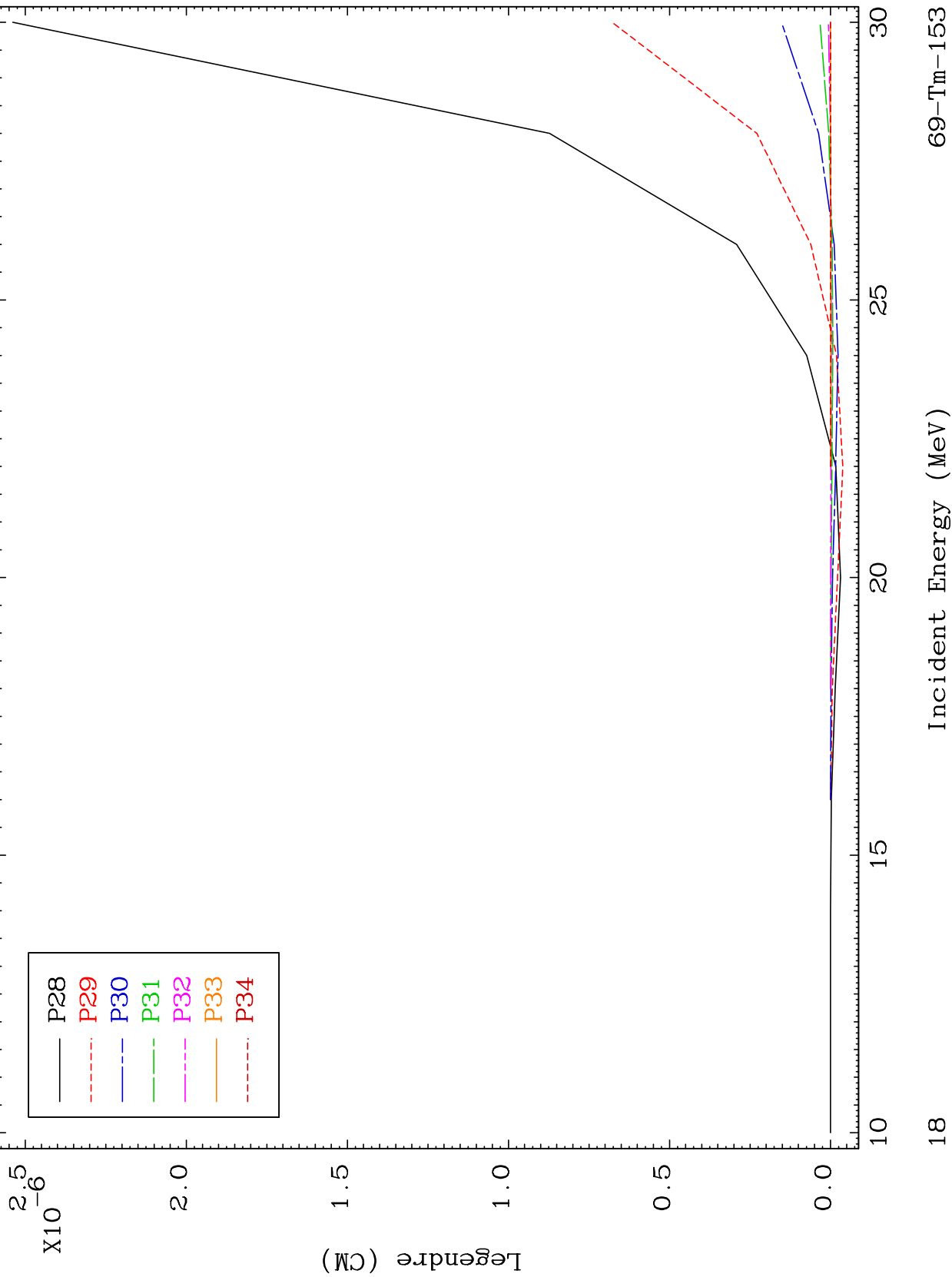
17

69-Tm-153

MAT 6877

Elastic Legendre Coefficients

69-Tm-153



69-Tm-153

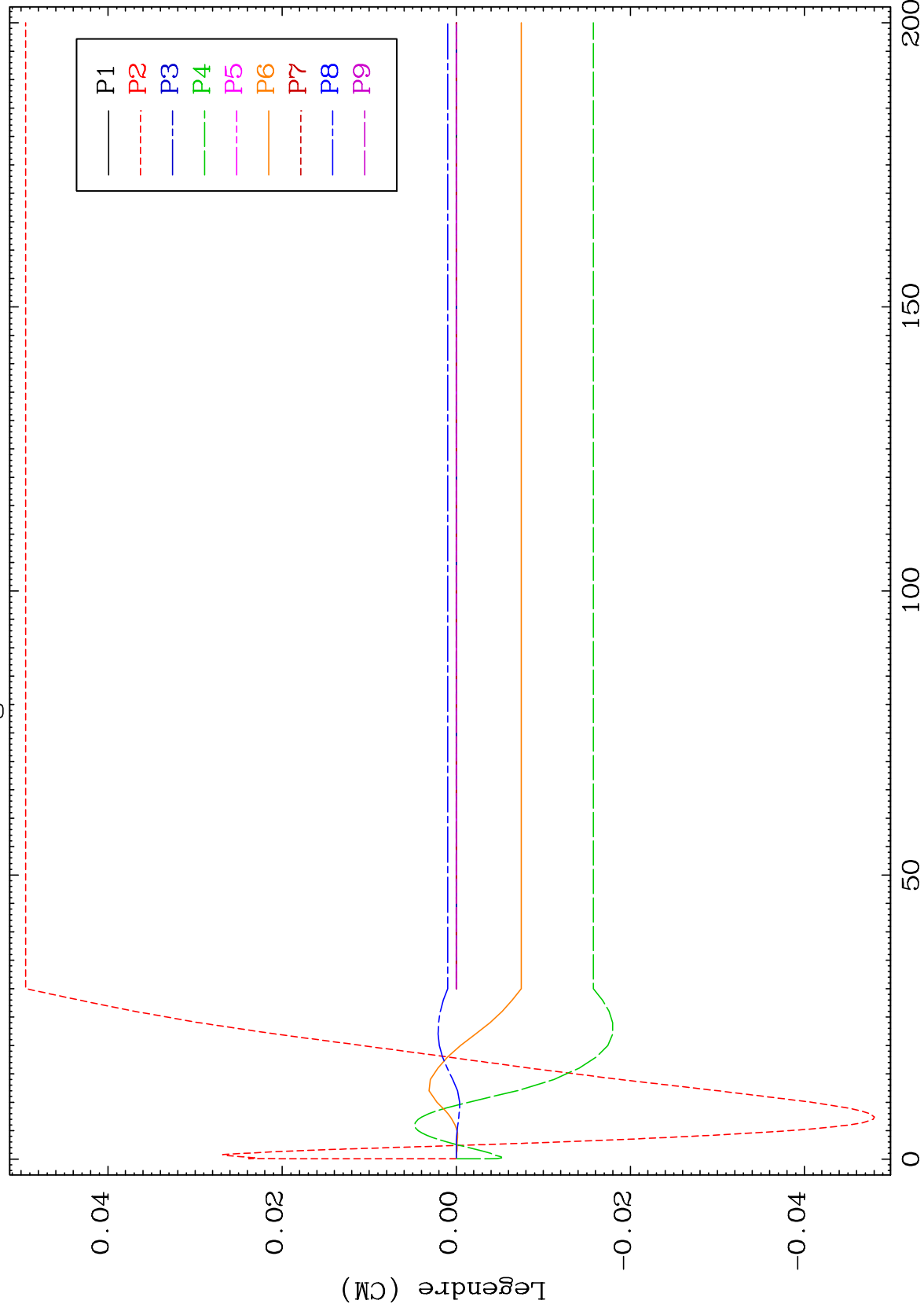
Incident Energy (MeV)

18

MAT 6877

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

69-Tm-153



19

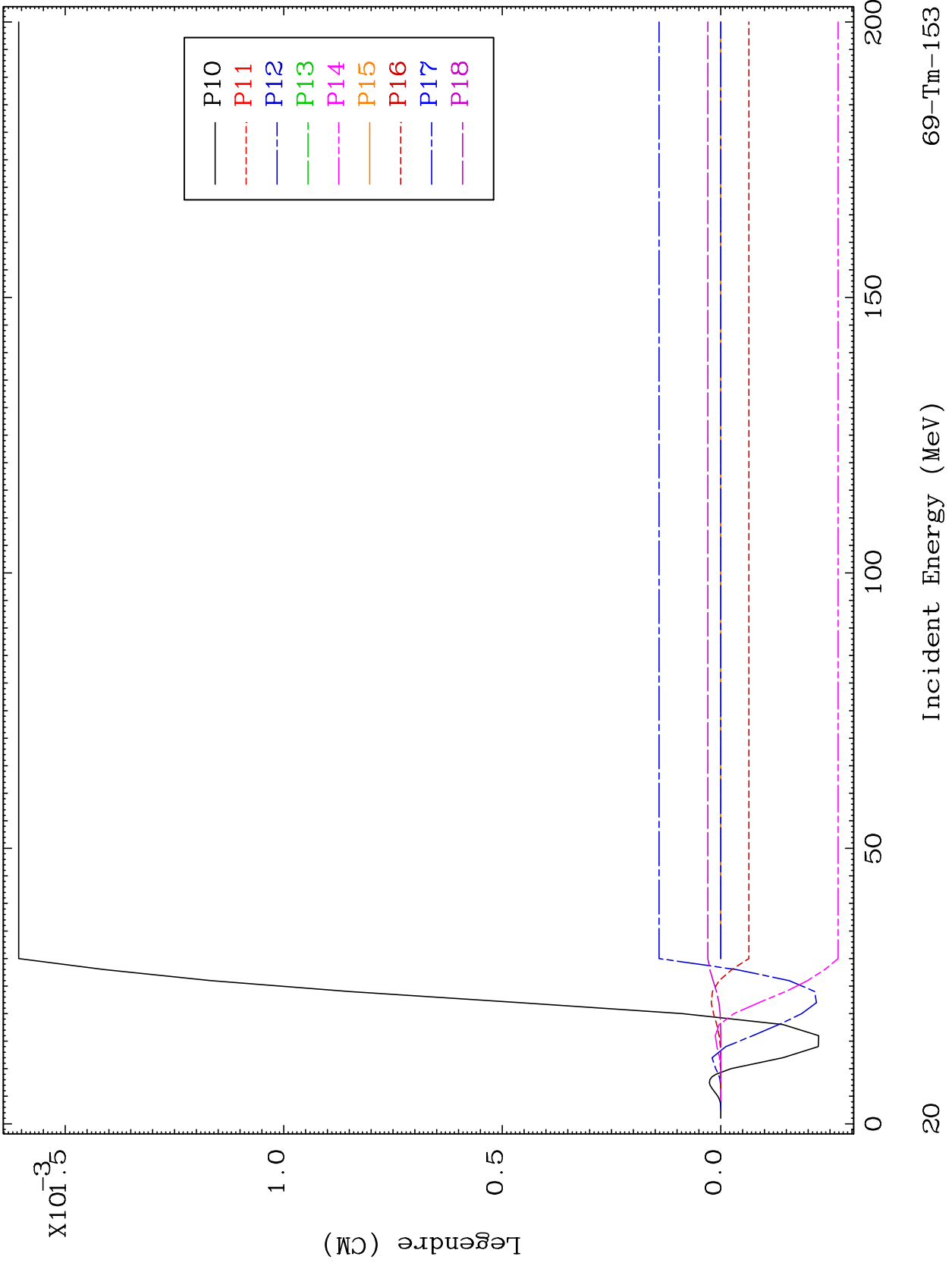
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

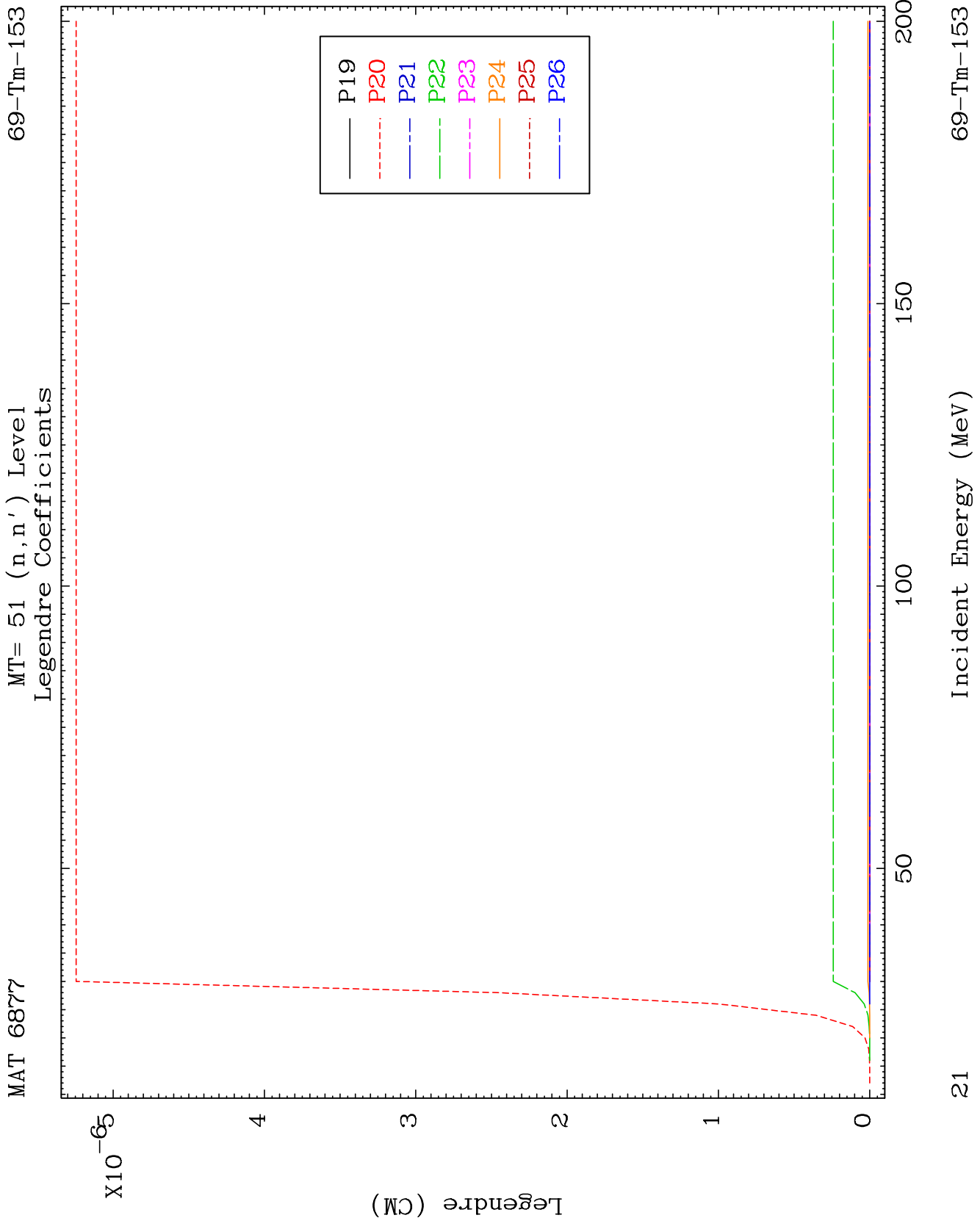
69-Tm-153



69-Tm-153

Incident Energy (MeV)

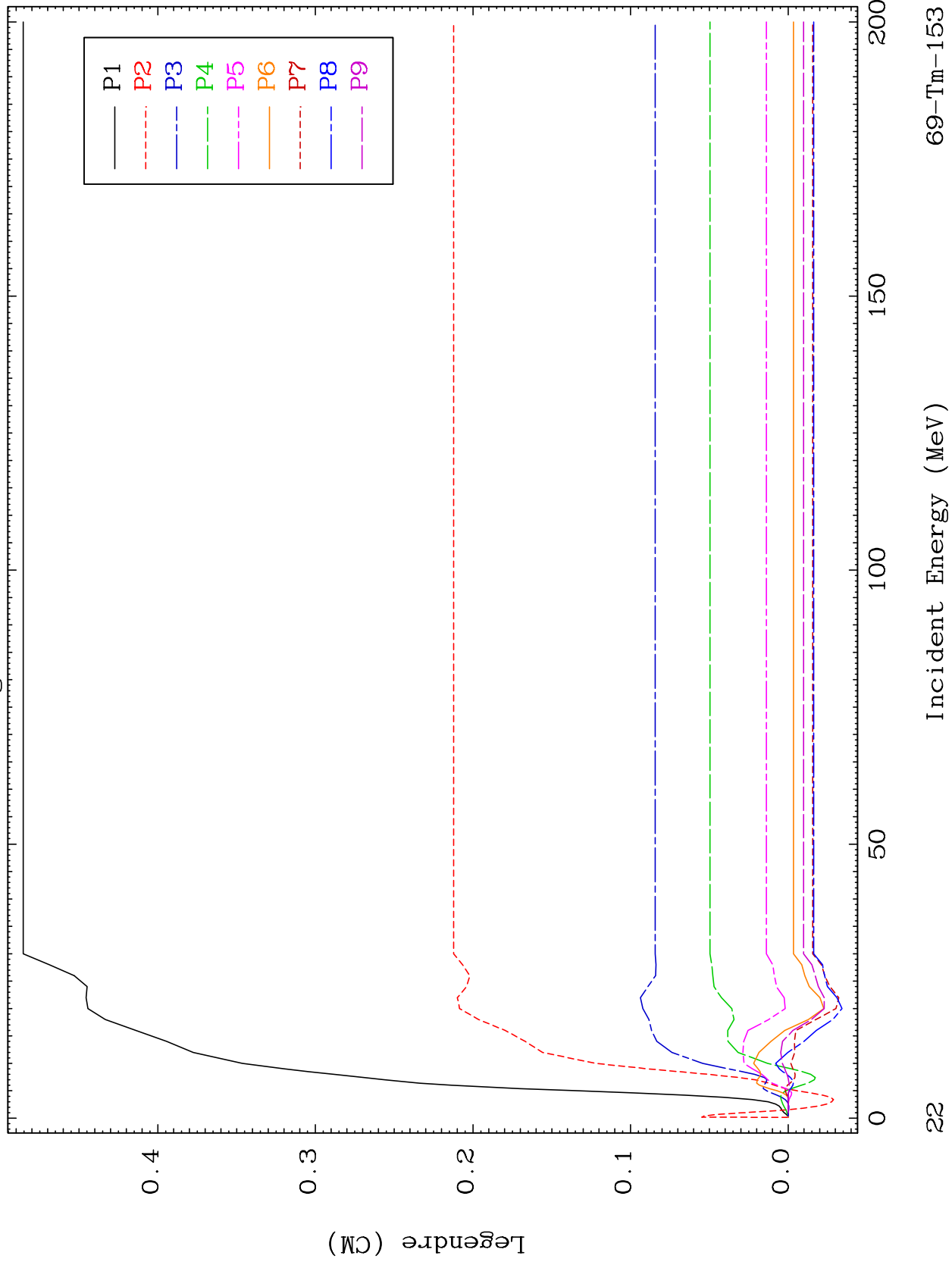
20



MAT 6877

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

69-Tm-153



69-Tm-153

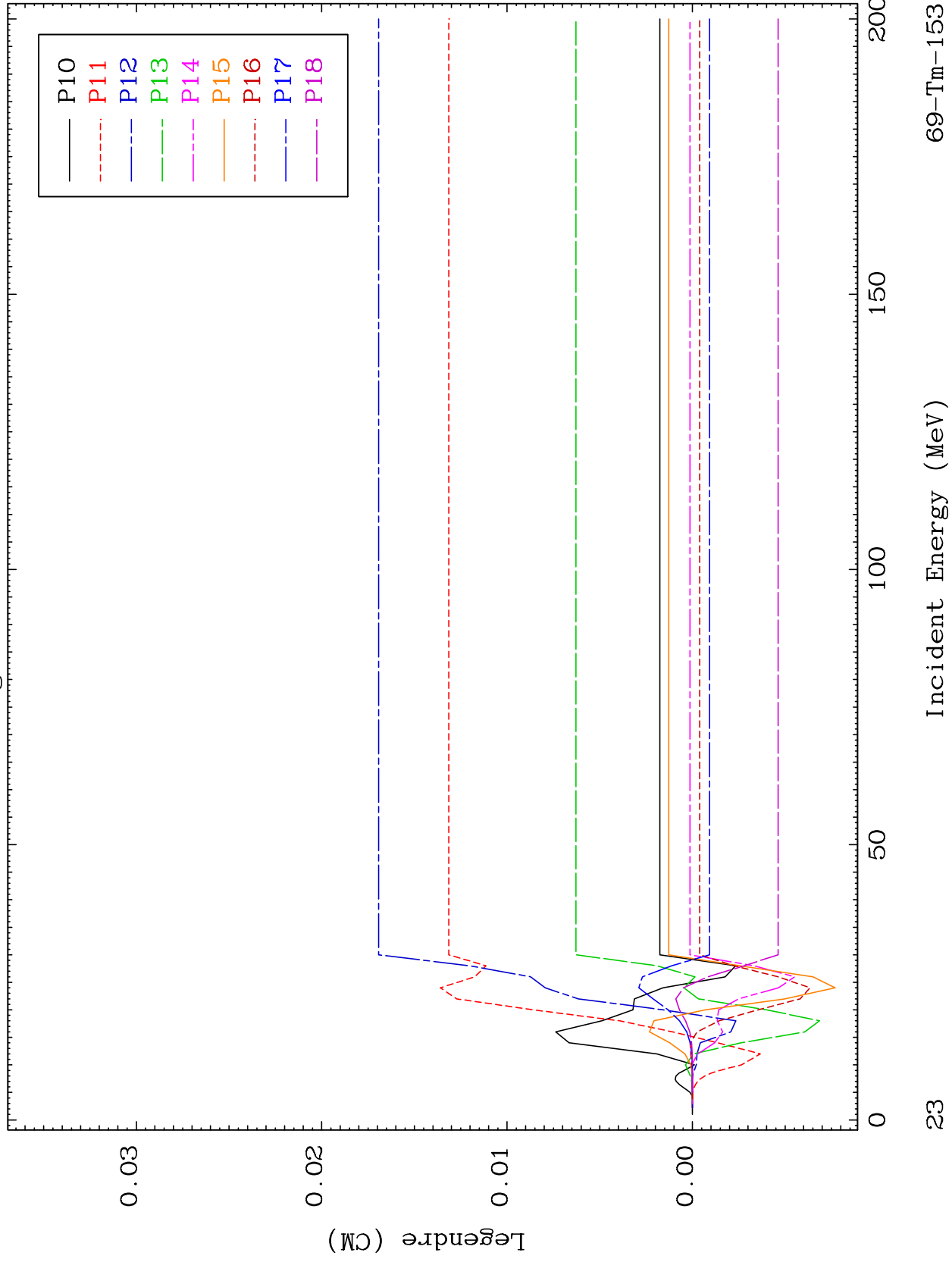
Incident Energy (MeV)

22

MAT 6877

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

69-Tm-153

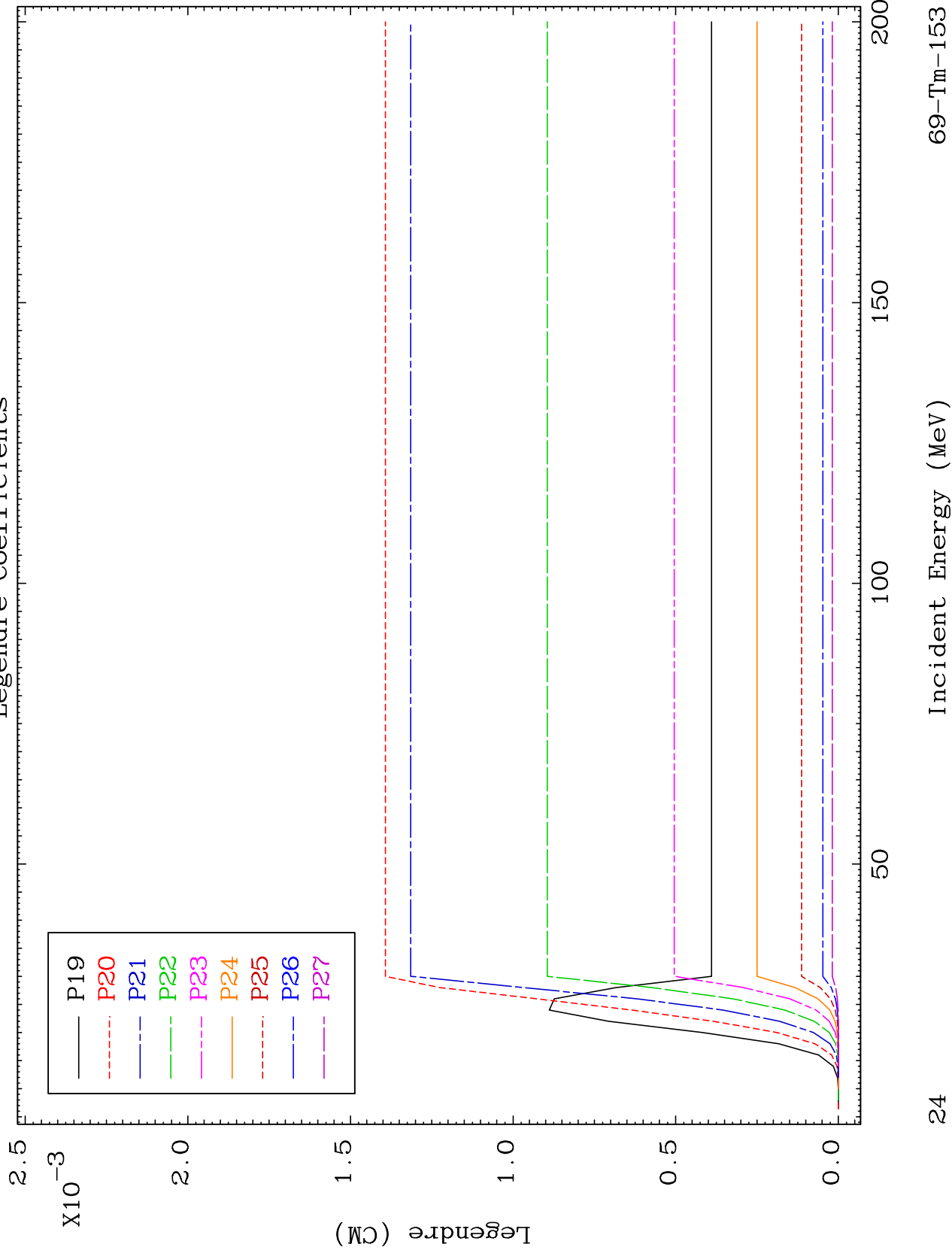


23

Incident Energy (MeV)

69-Tm-153

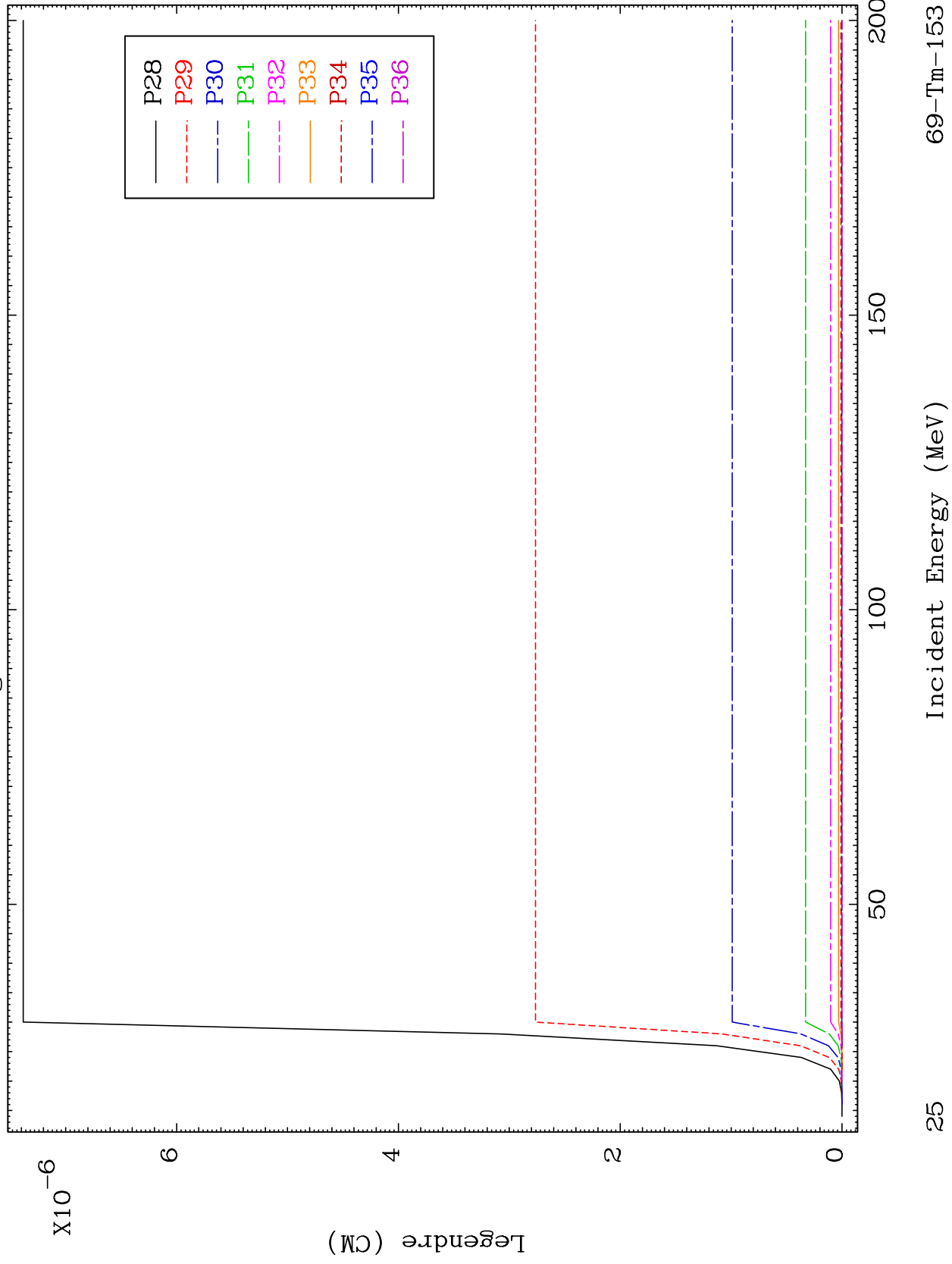




MAT 6877

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

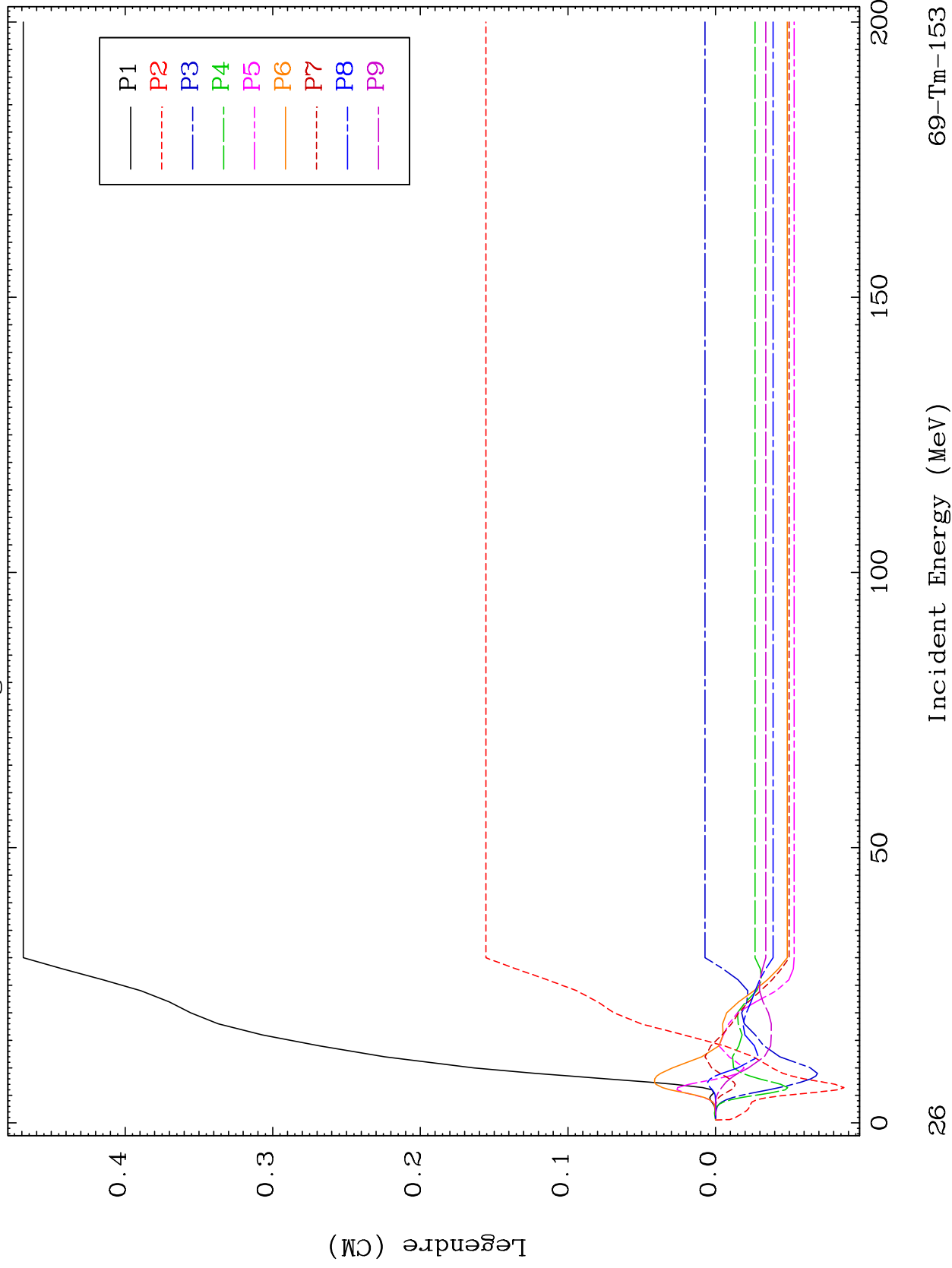
69-Tm-153



MAT 6877

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

69-Tm-153



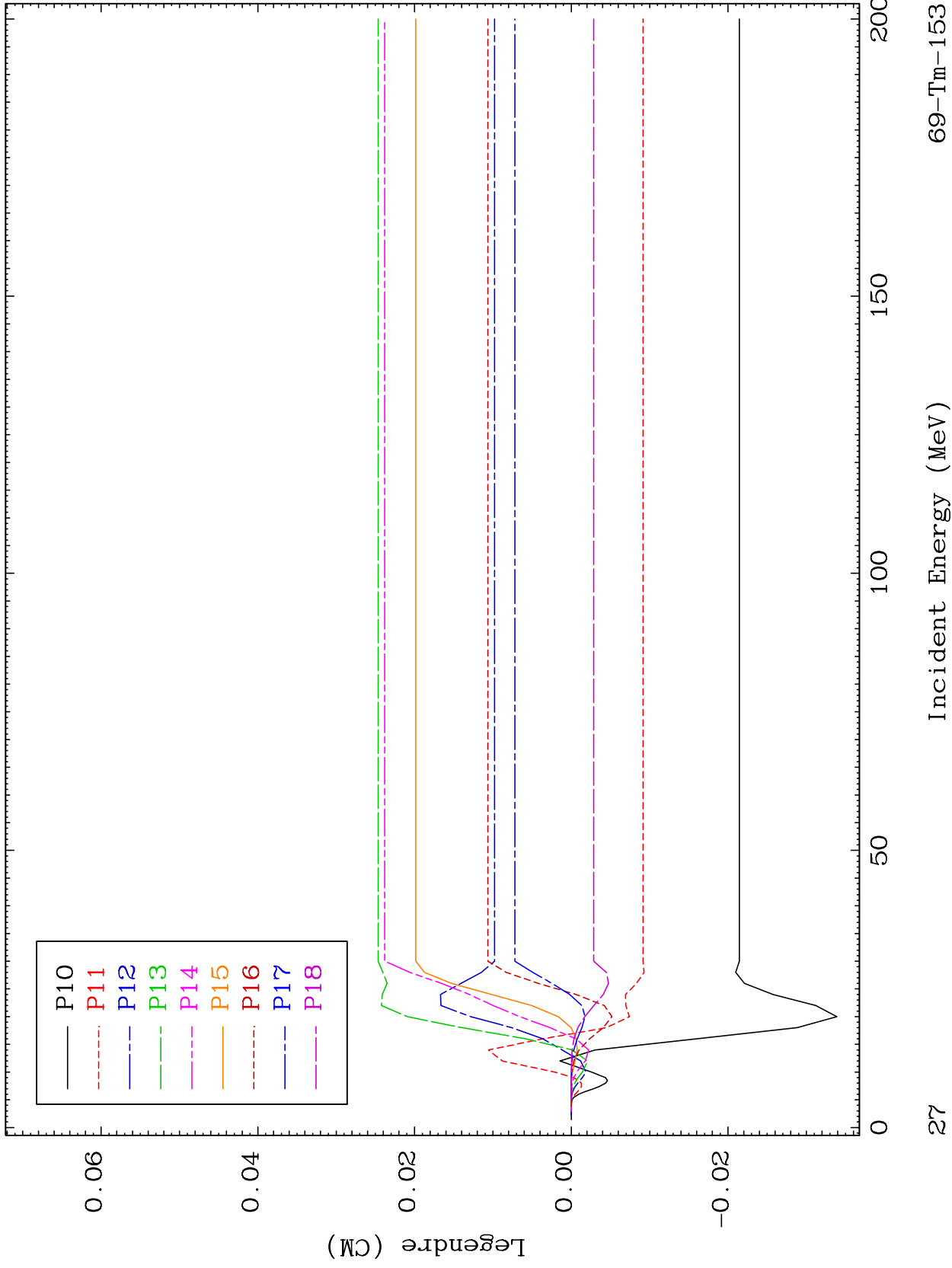
69-Tm-153

26

MAT 6877

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

69-Tm-153



27

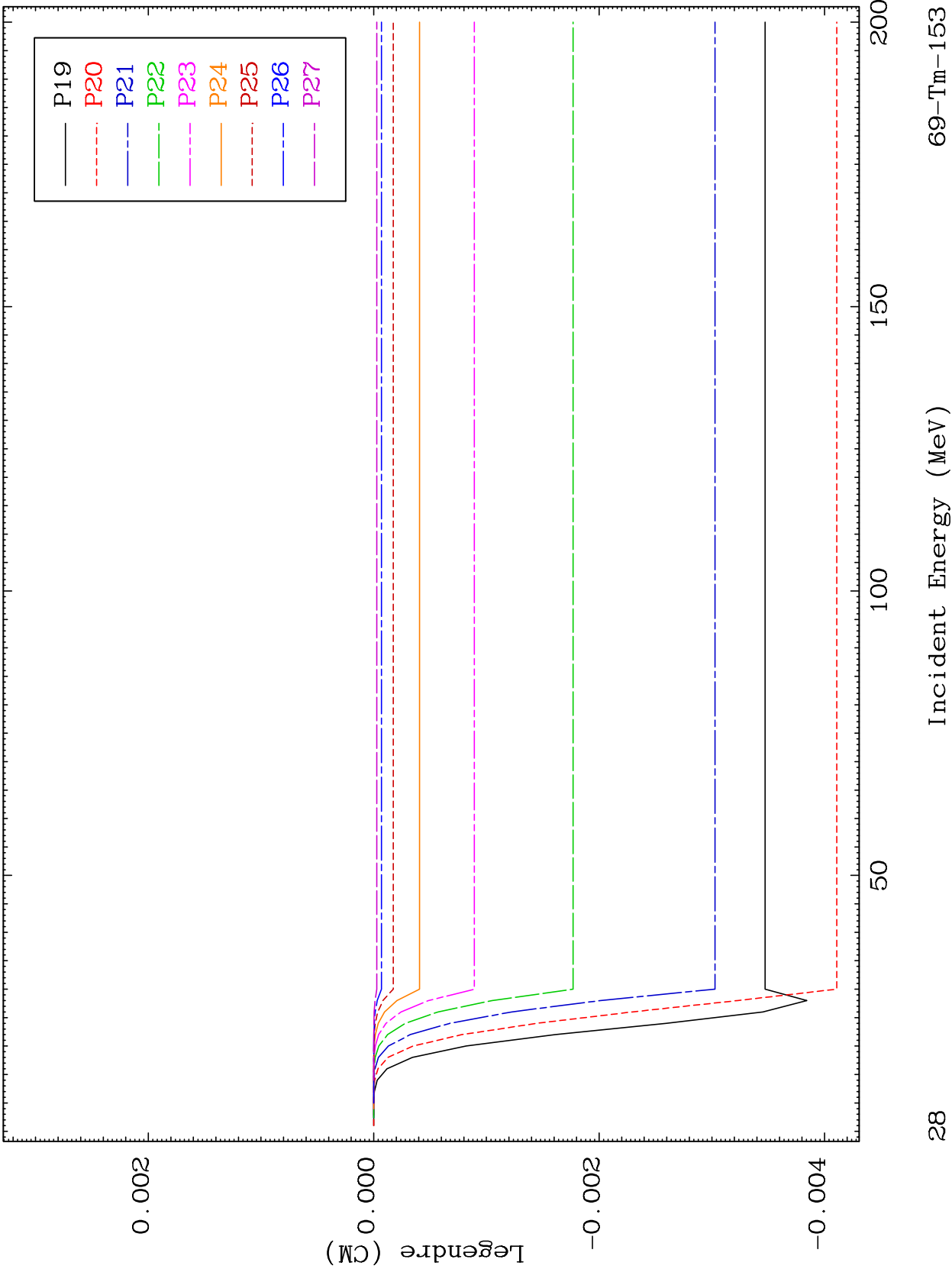
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



28

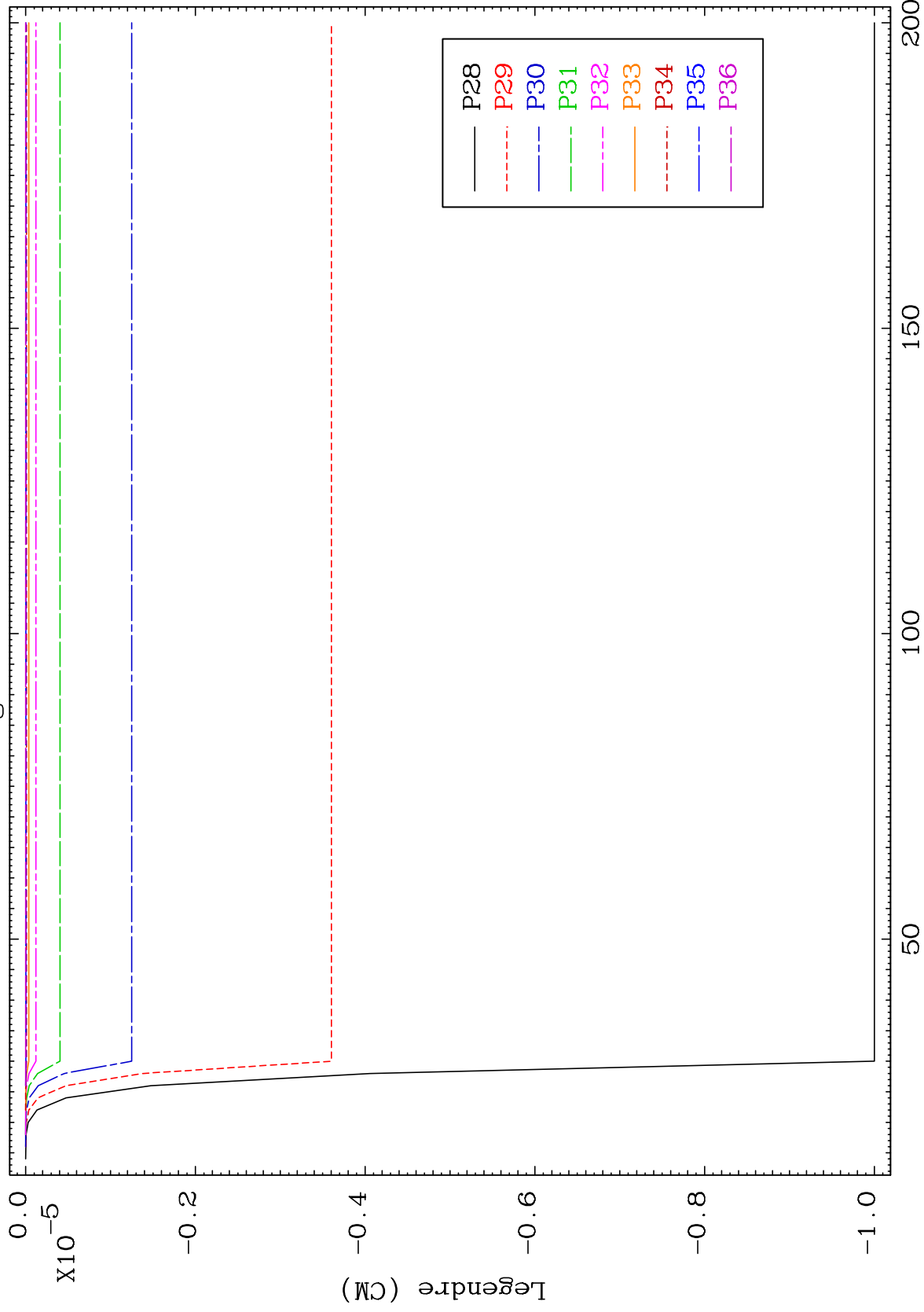
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



29

Incident Energy (MeV)

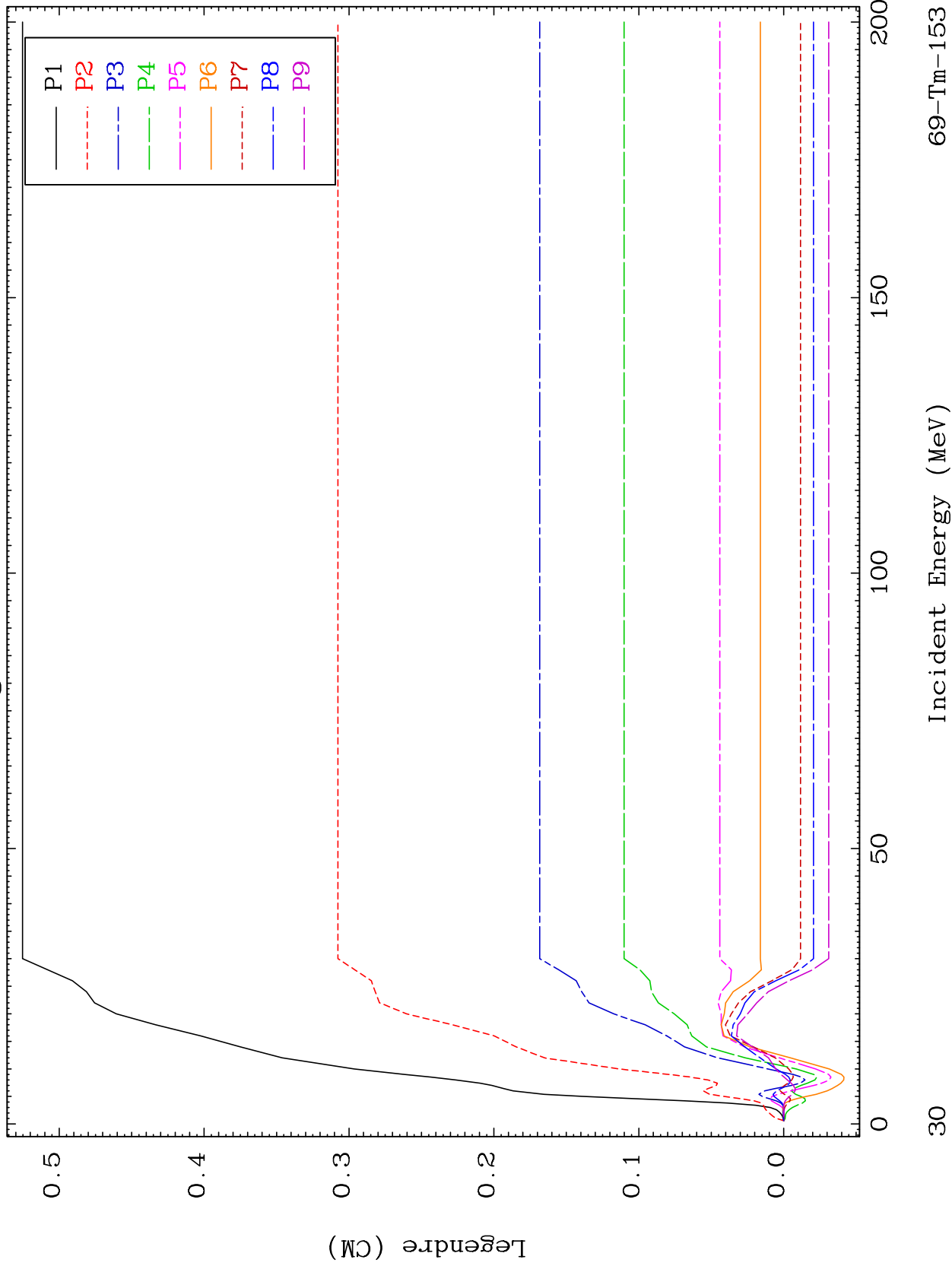
69-Tm-153

MAT 6877

MT= 54 (n,n') Level

69-Tm-153

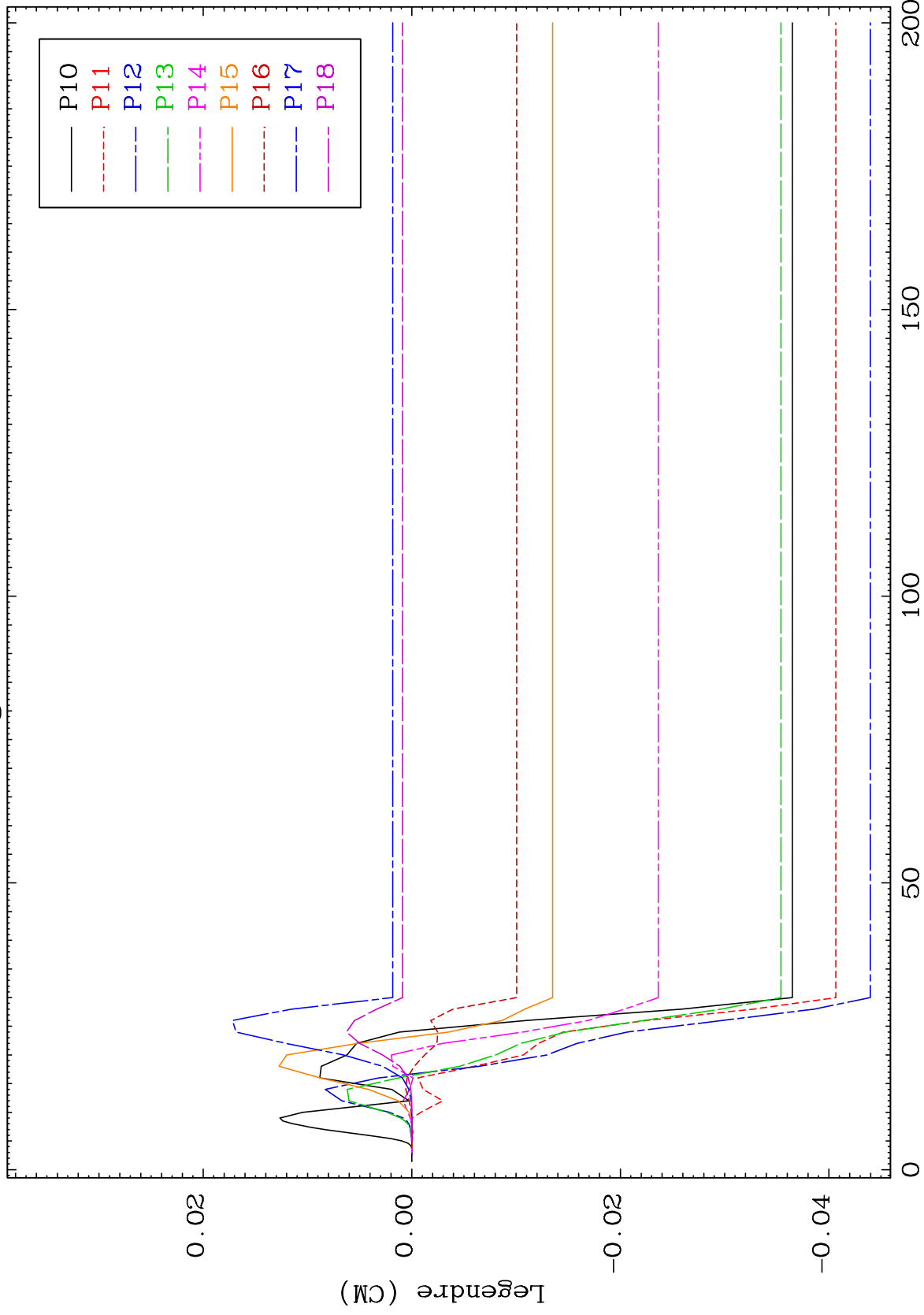
Legendre Coefficients



MAT 6877

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

69-Tm-153



31

Incident Energy (MeV)

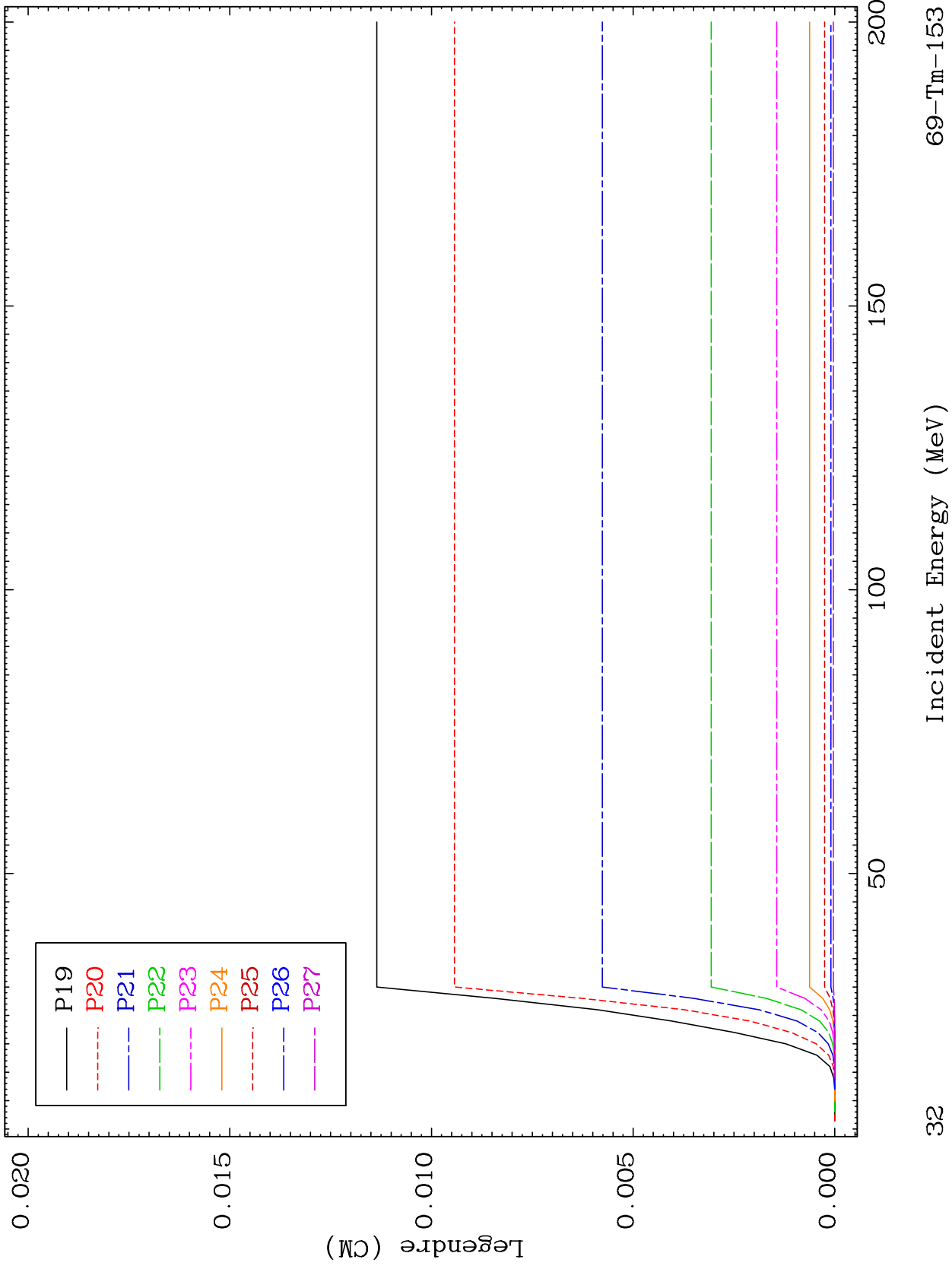
69-Tm-153



MAT 6877

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

69-Tm-153



32

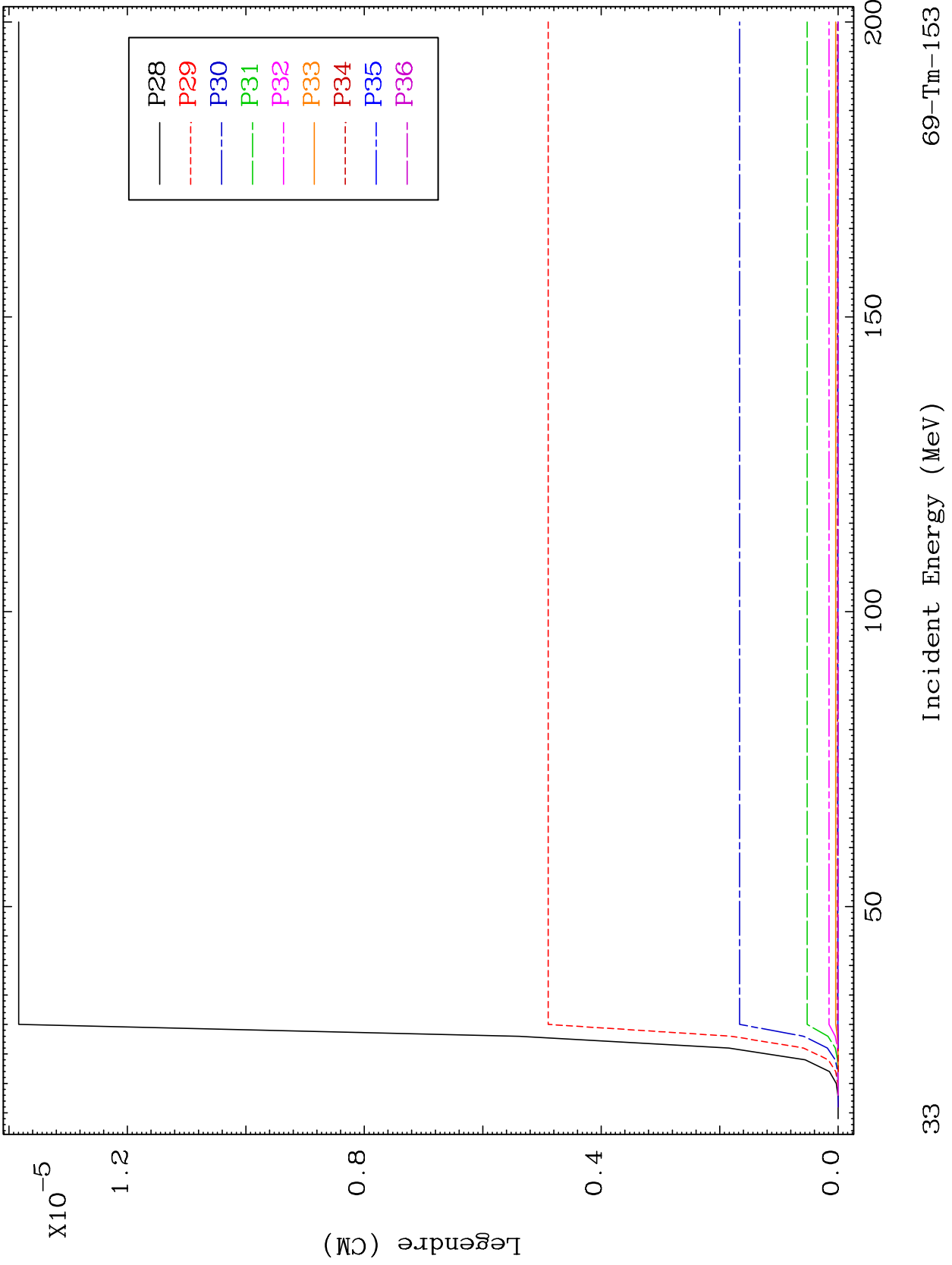
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

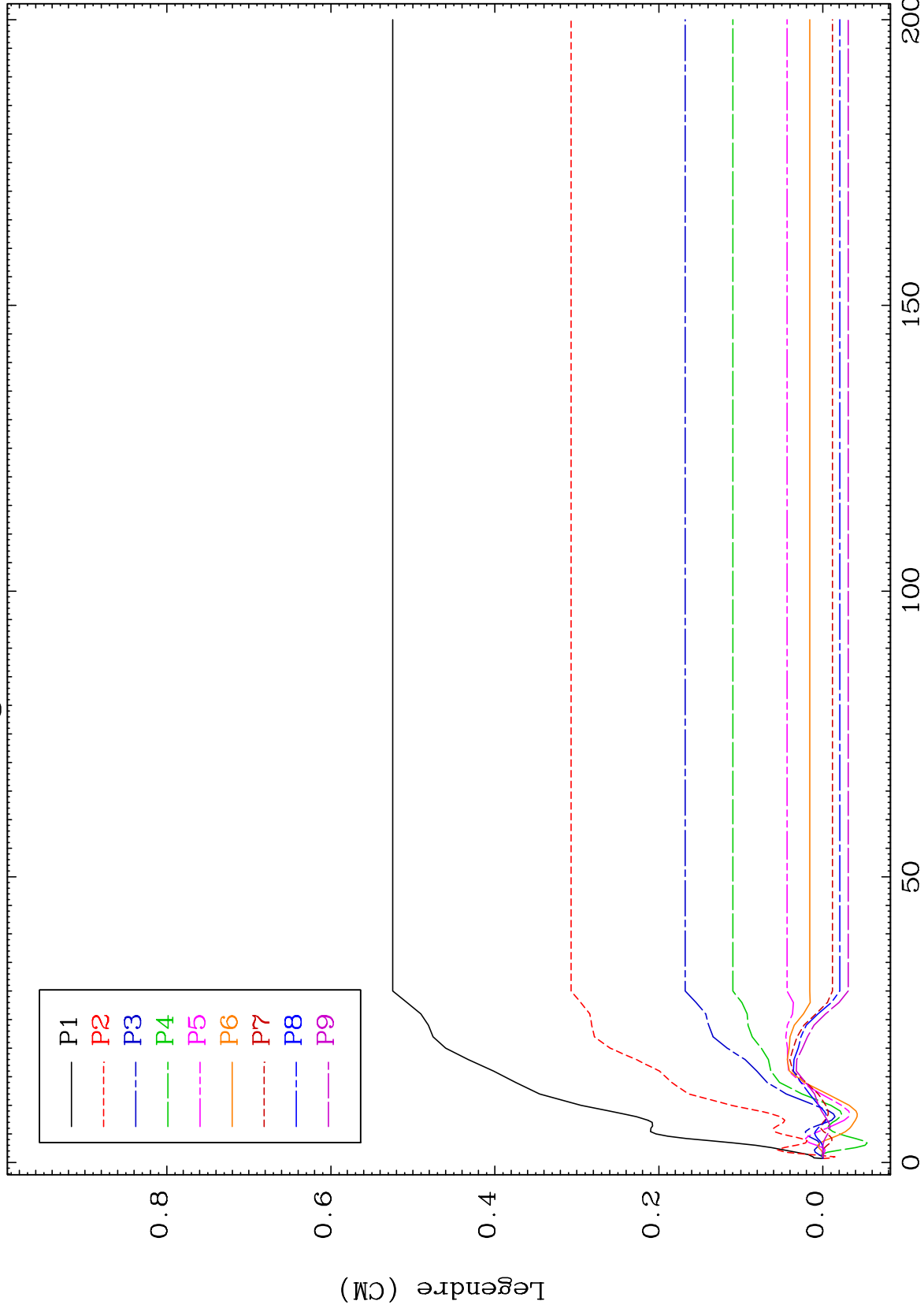
69-Tm-153



MAT 6877

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

69-Tm-153



34

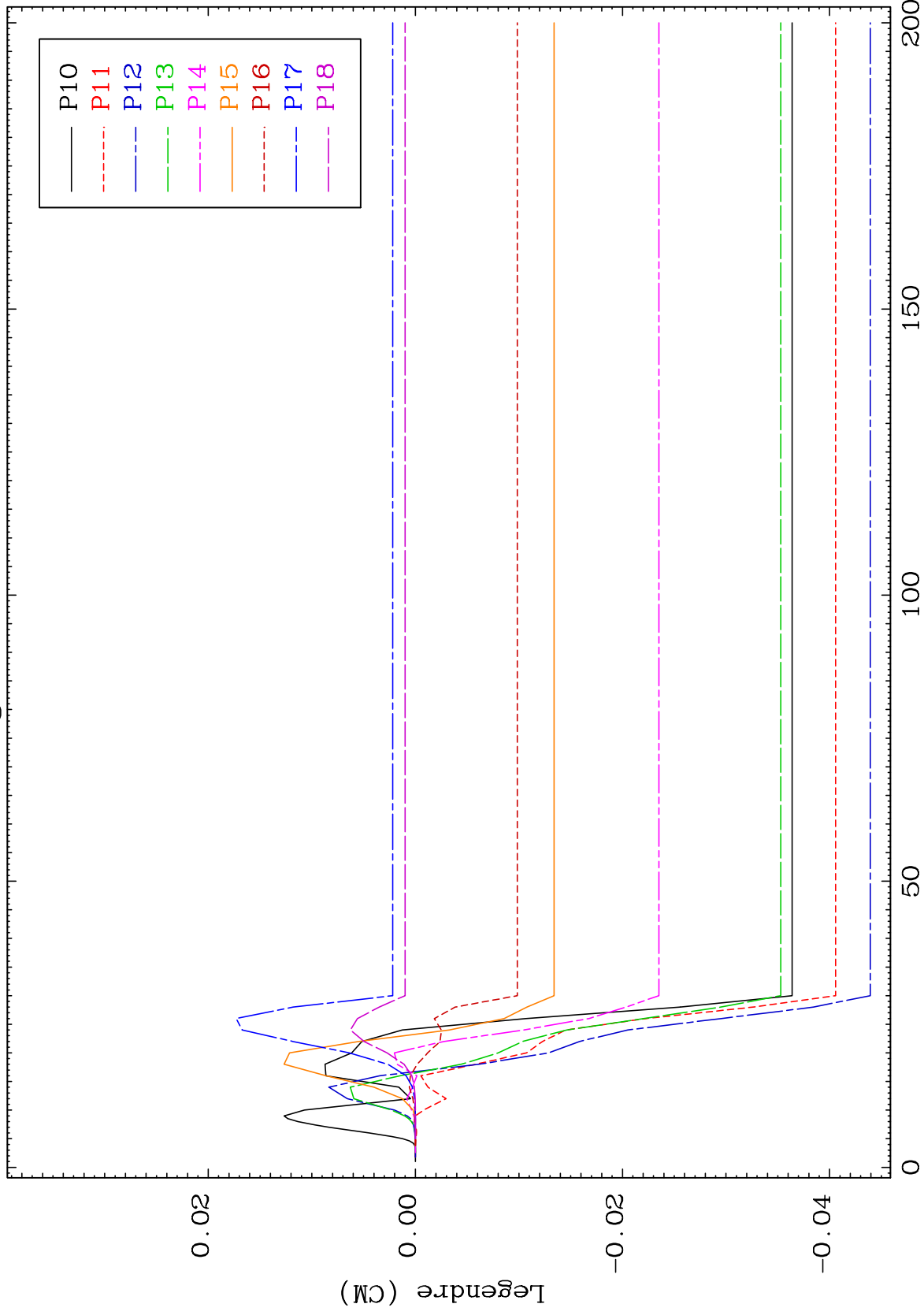
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

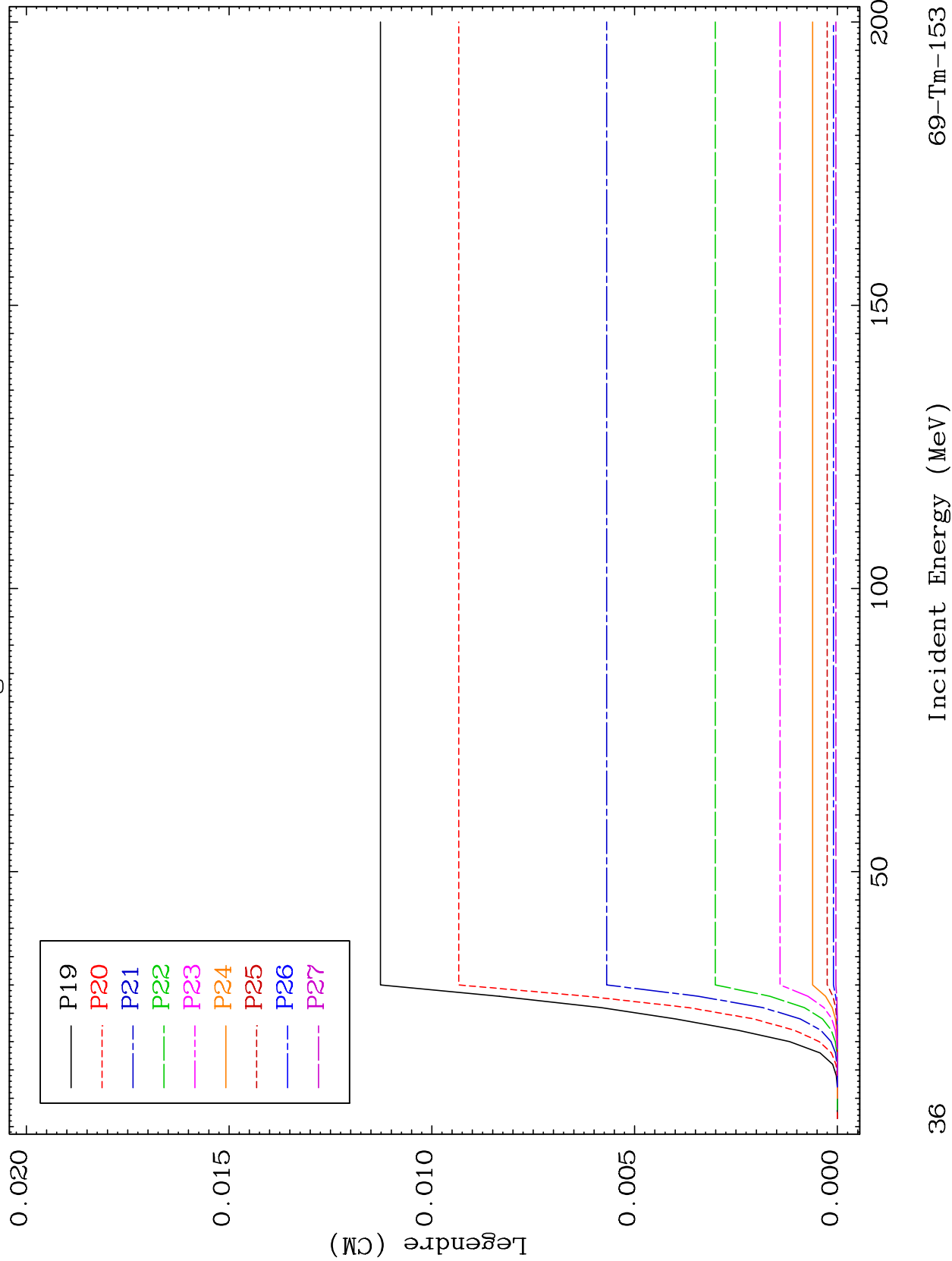
69-Tm-153



35

Incident Energy (MeV)

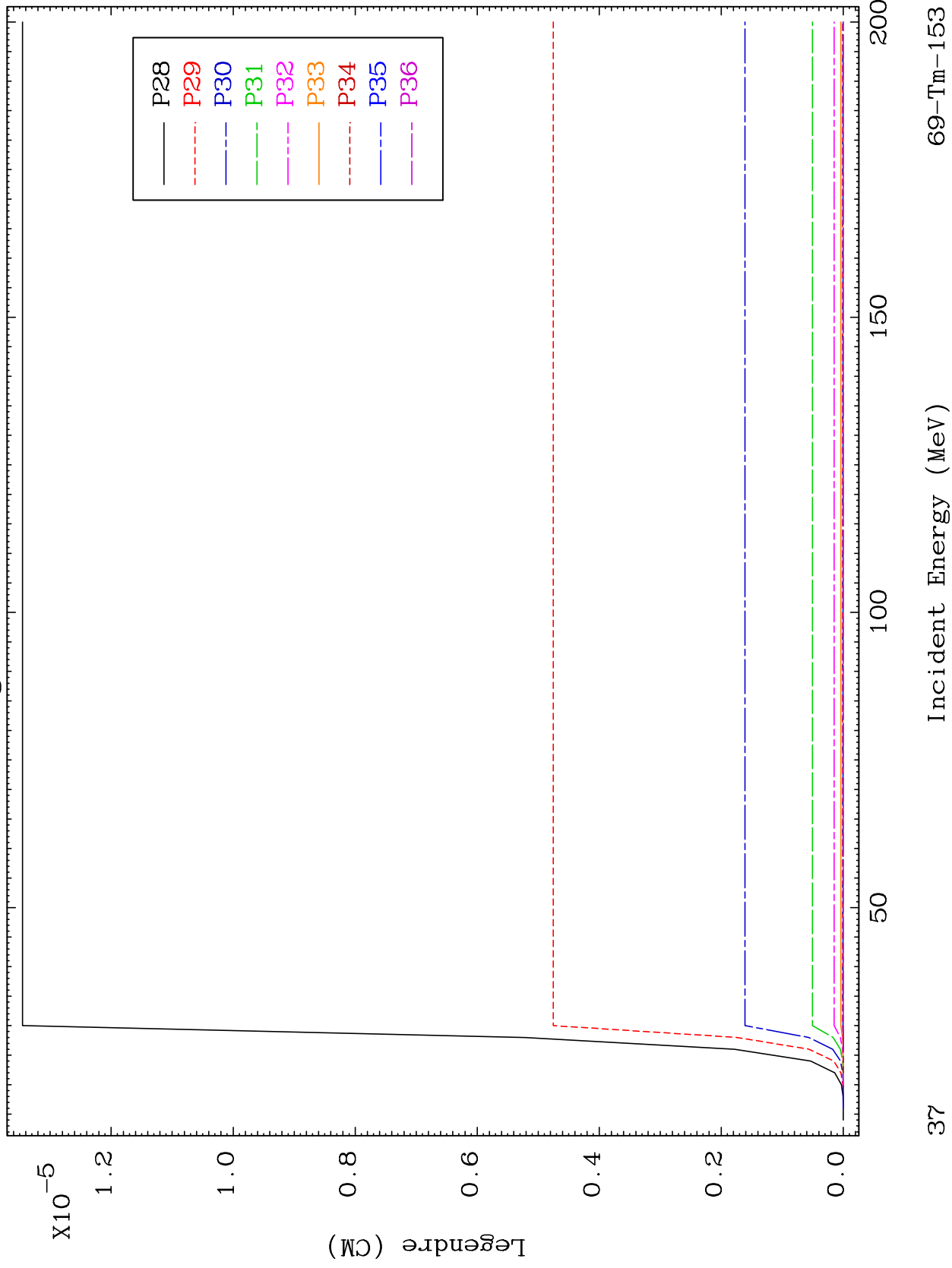
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MAT 6877

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

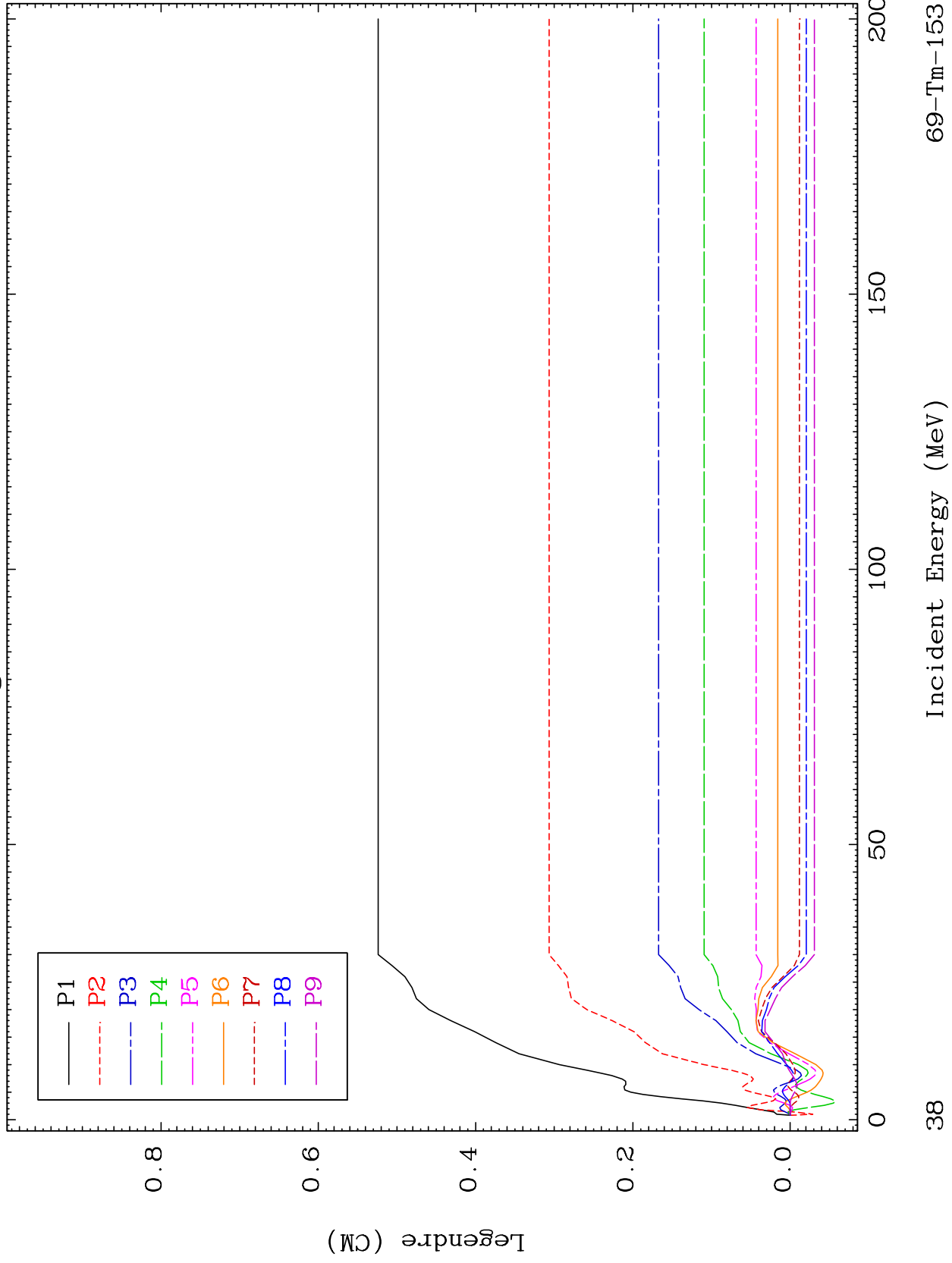
69-Tm-153



MAT 6877

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

69-Tm-153



69-Tm-153

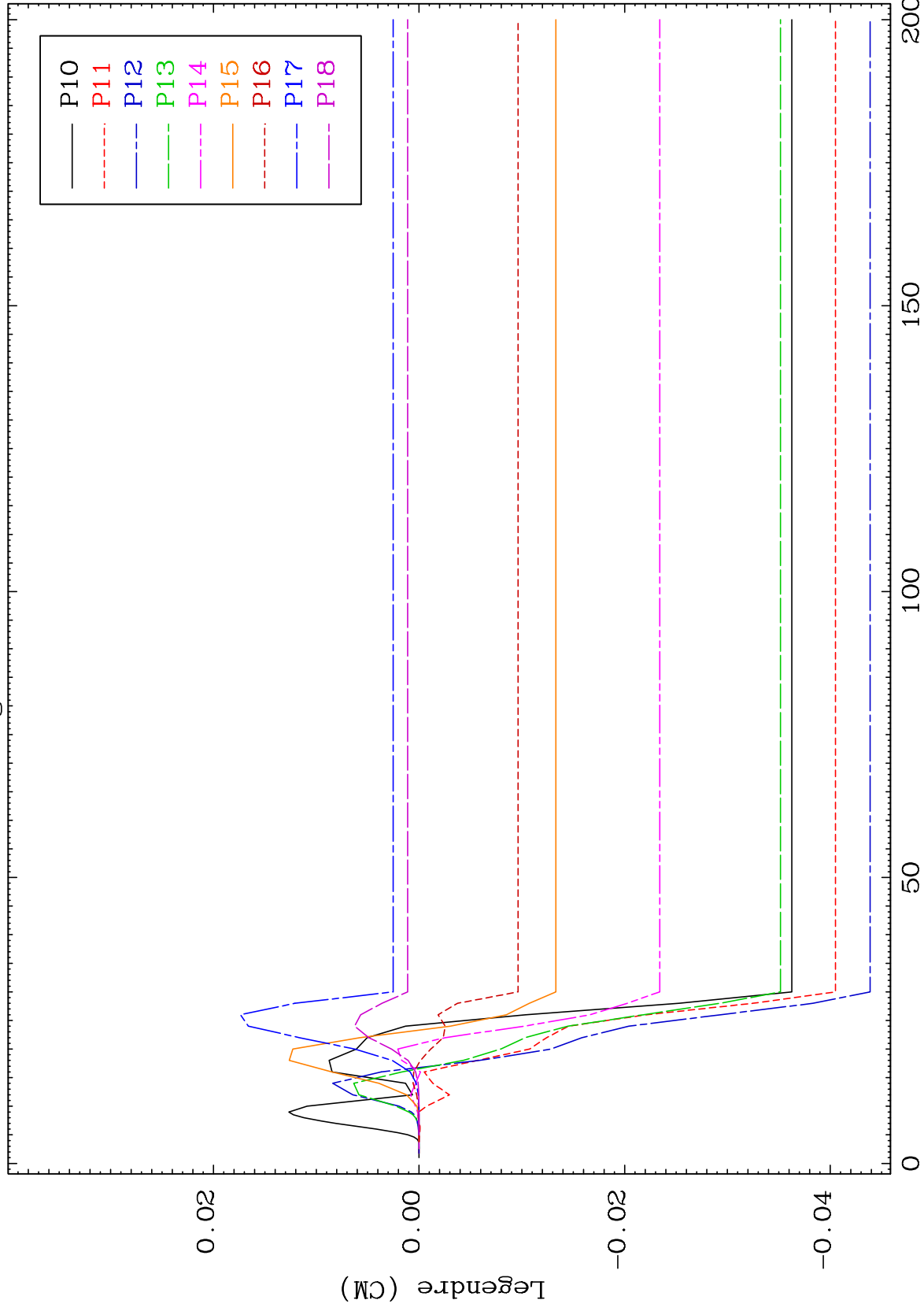
Incident Energy (MeV)

38

MAT 6877

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

69-Tm-153



39

Incident Energy (MeV)

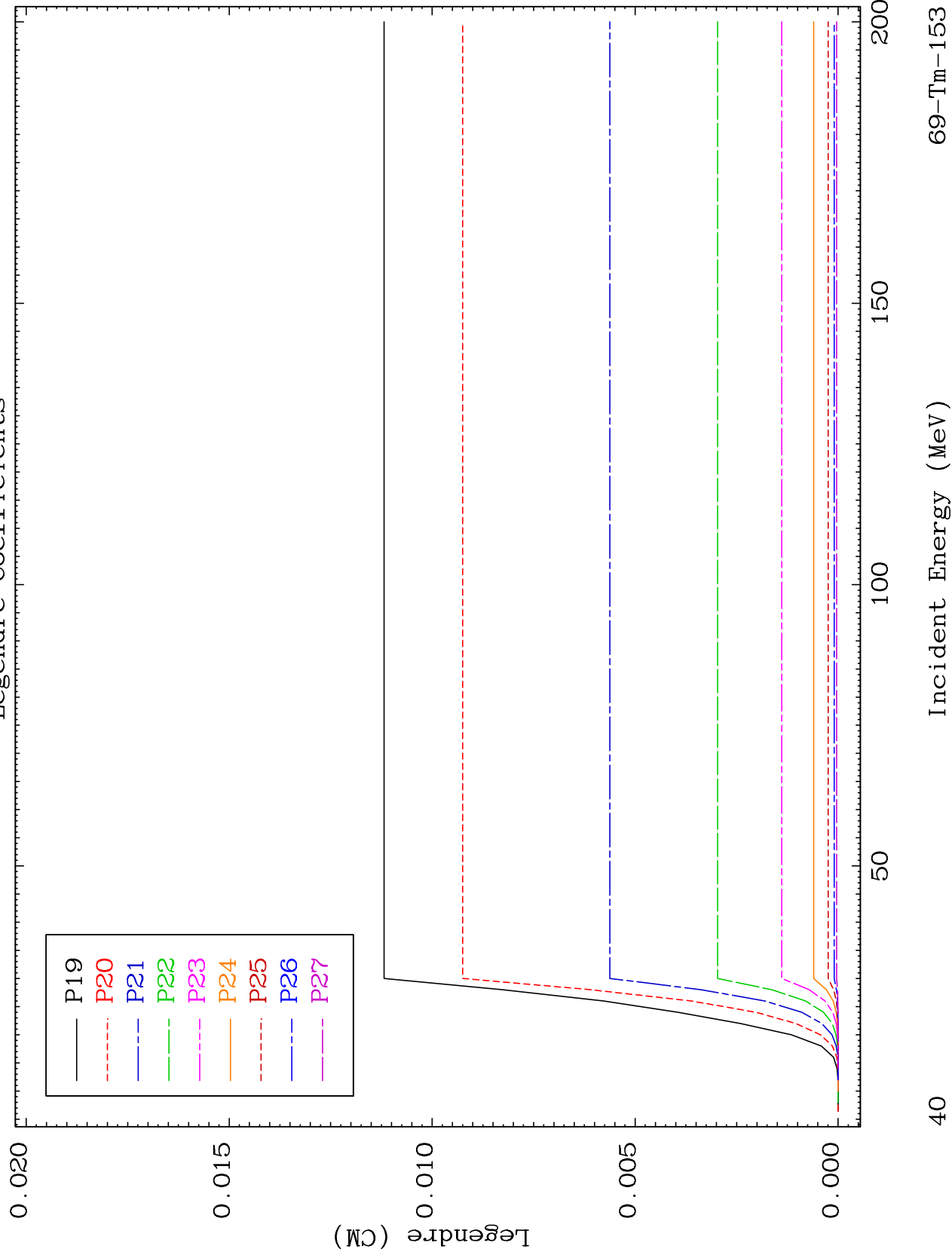
69-Tm-153



MAT 6877

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

69-Tm-153



40

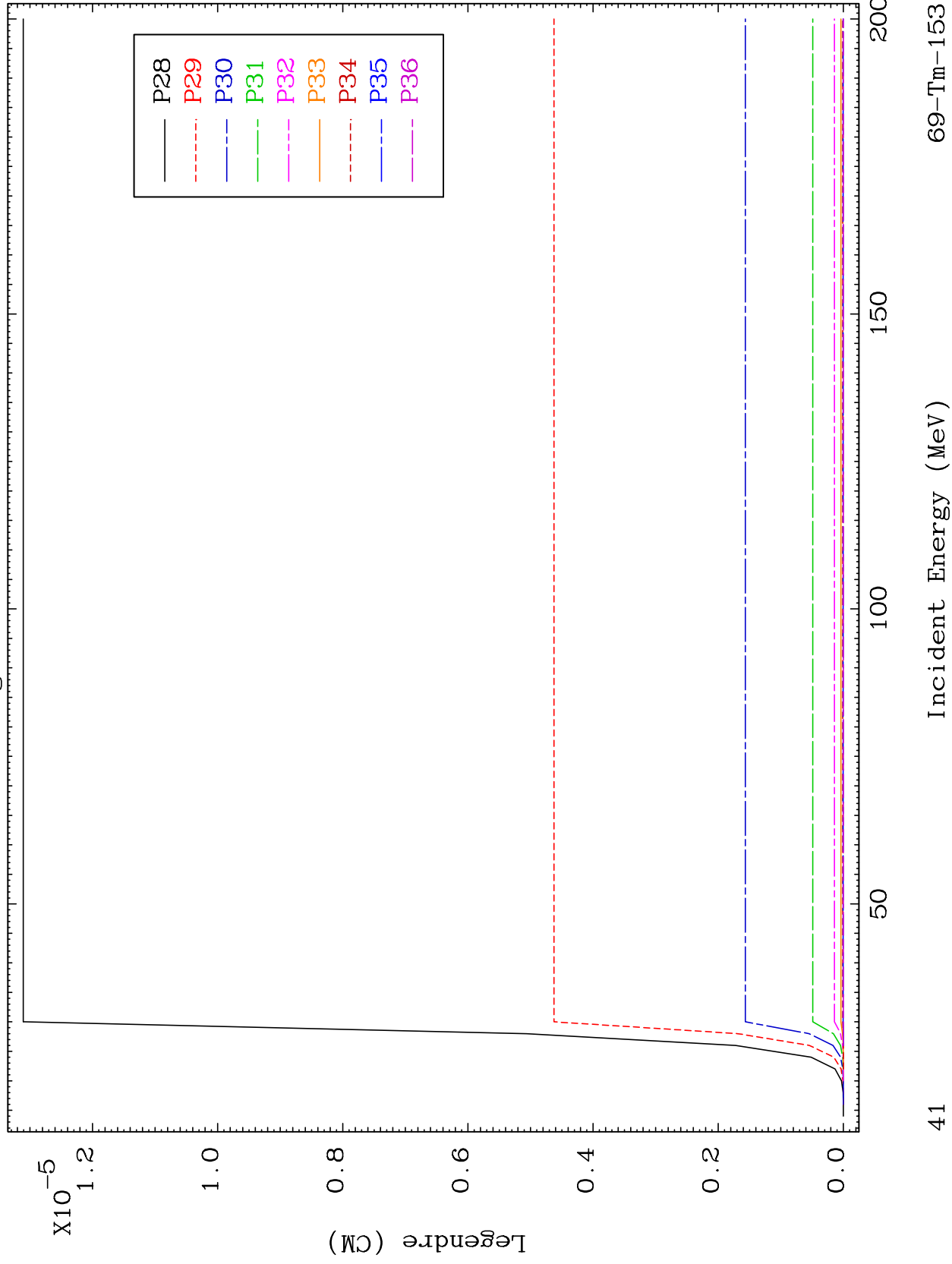
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



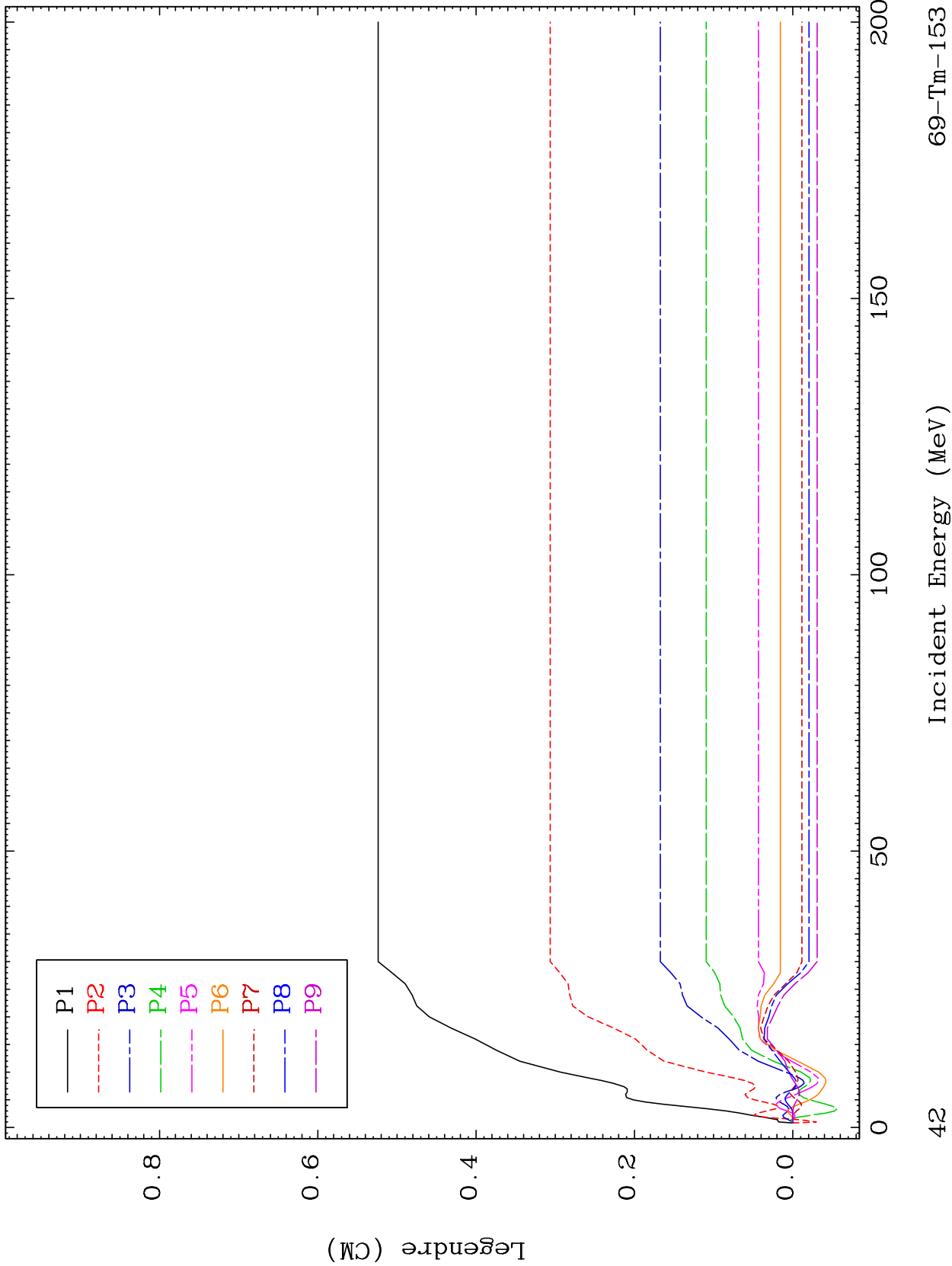
41

69-Tm-153

MAT 6877

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

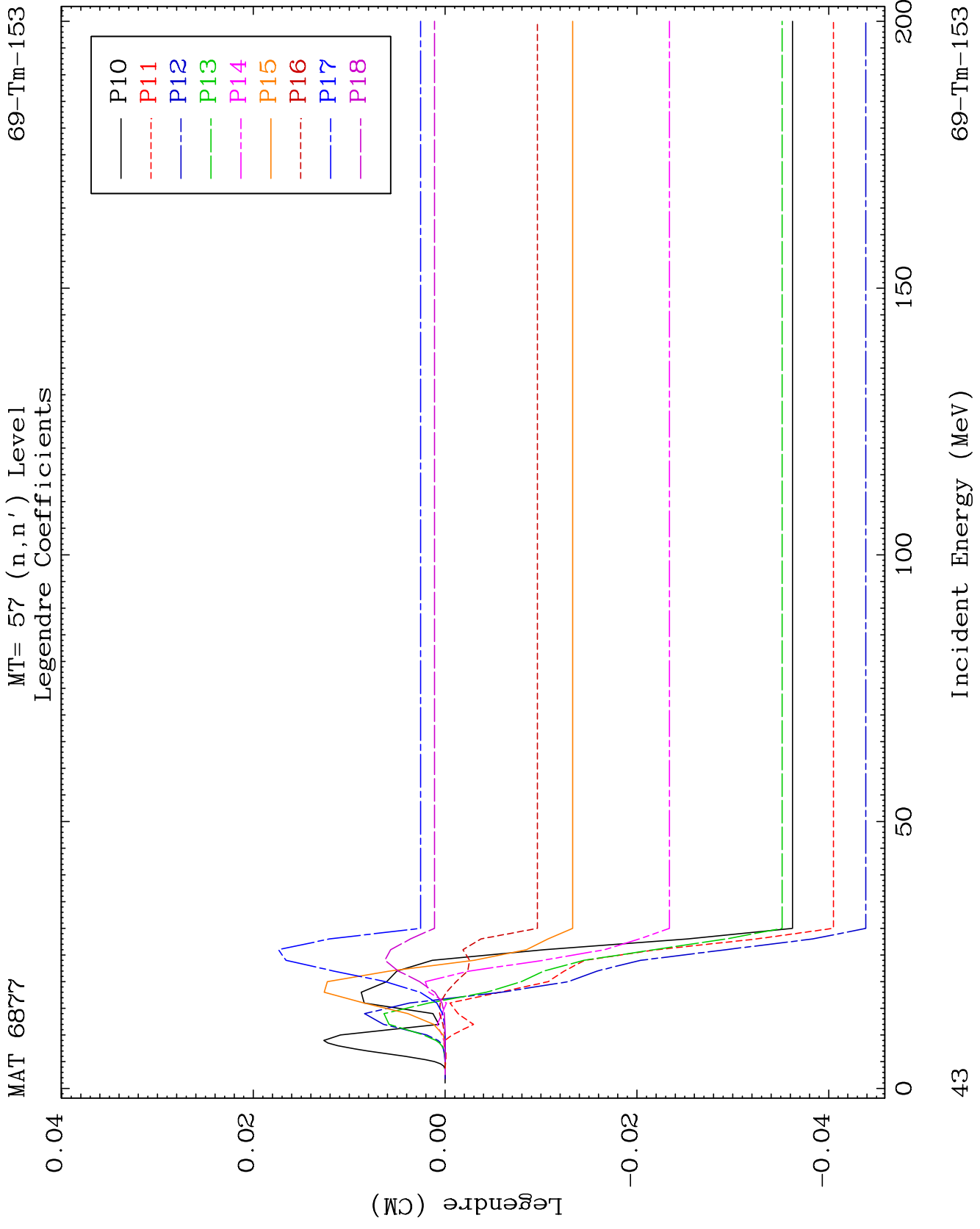
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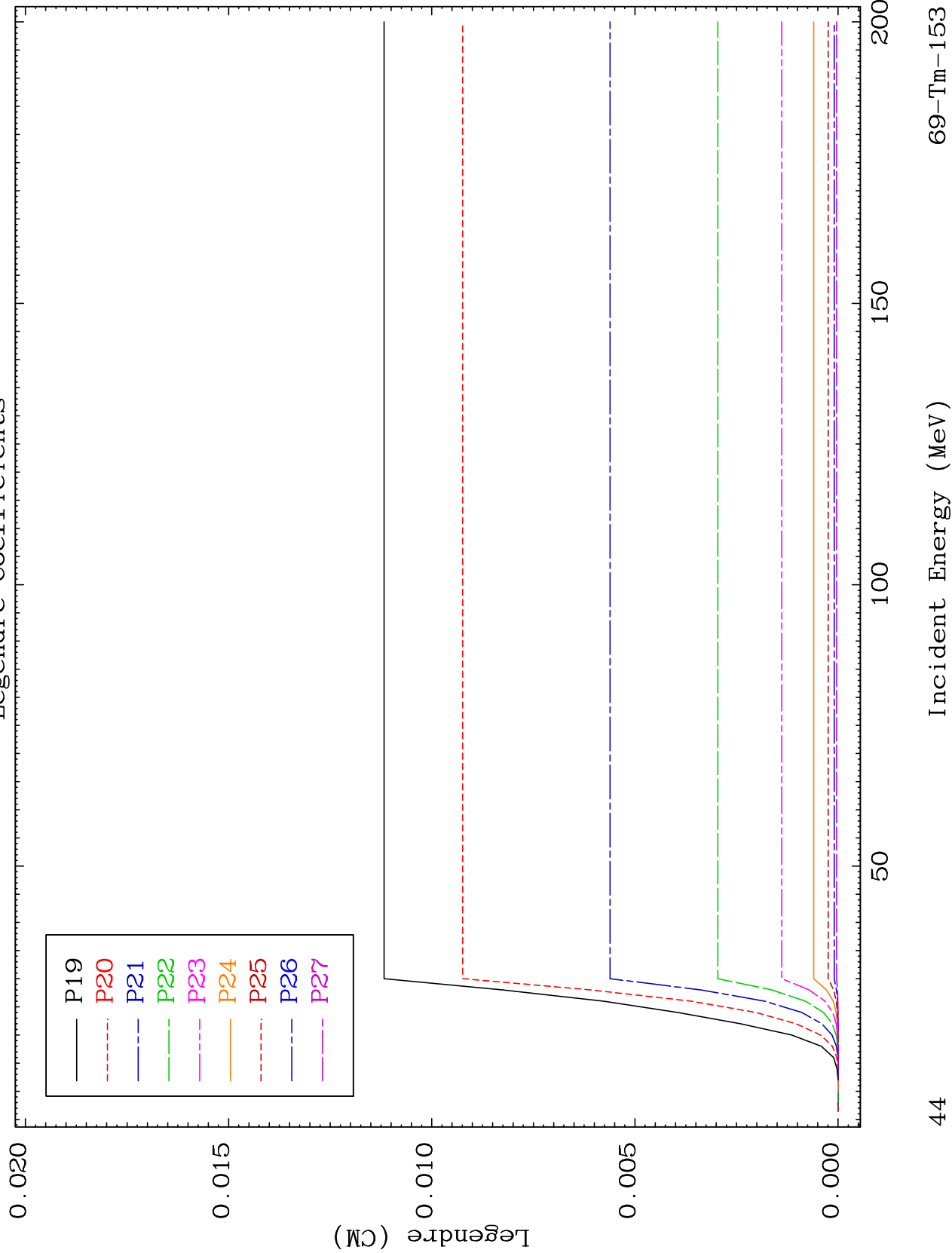


69-Tm-153

Incident Energy (MeV)

42

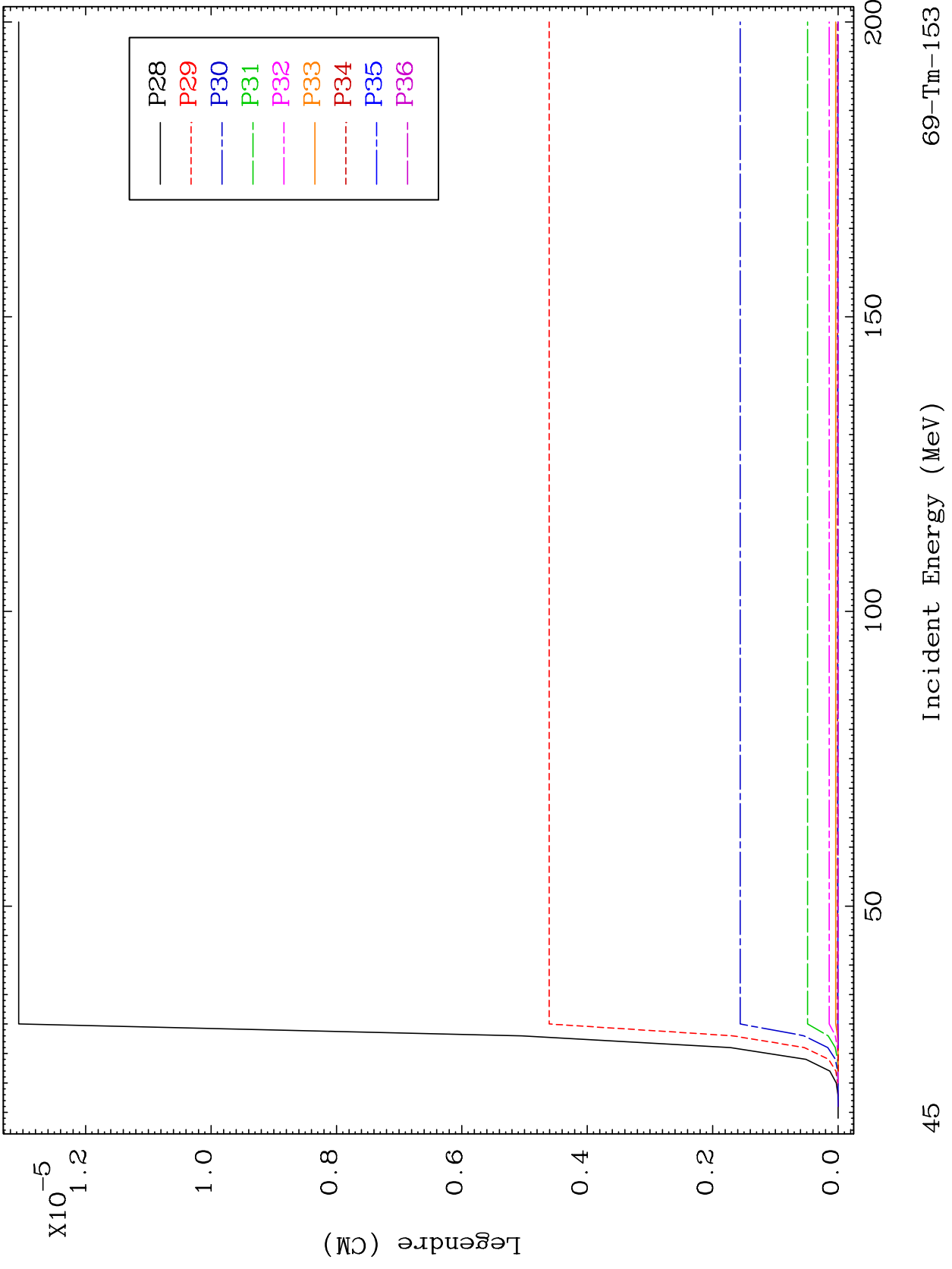




MAT 6877

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

69-Tm-153



45

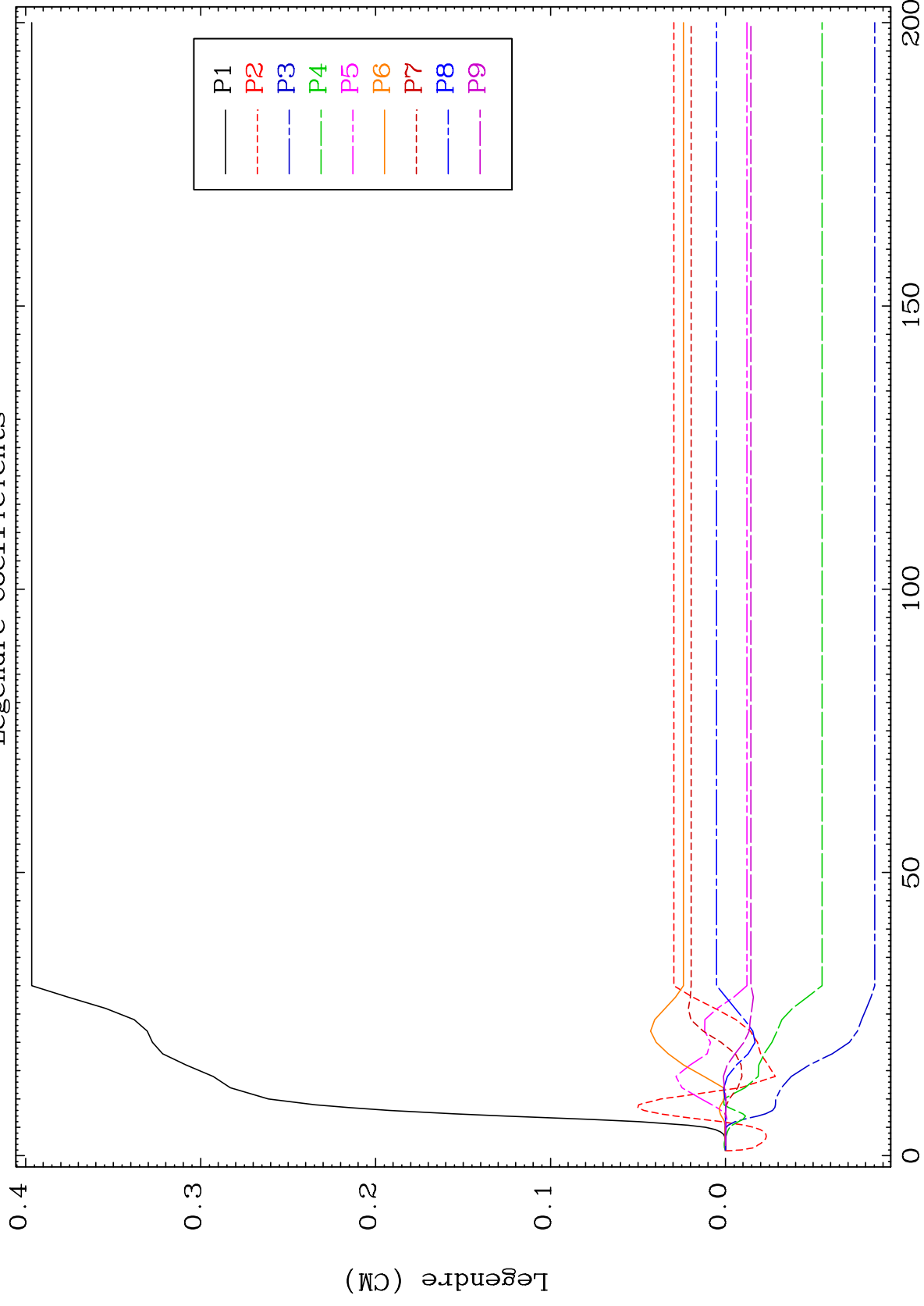
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



46

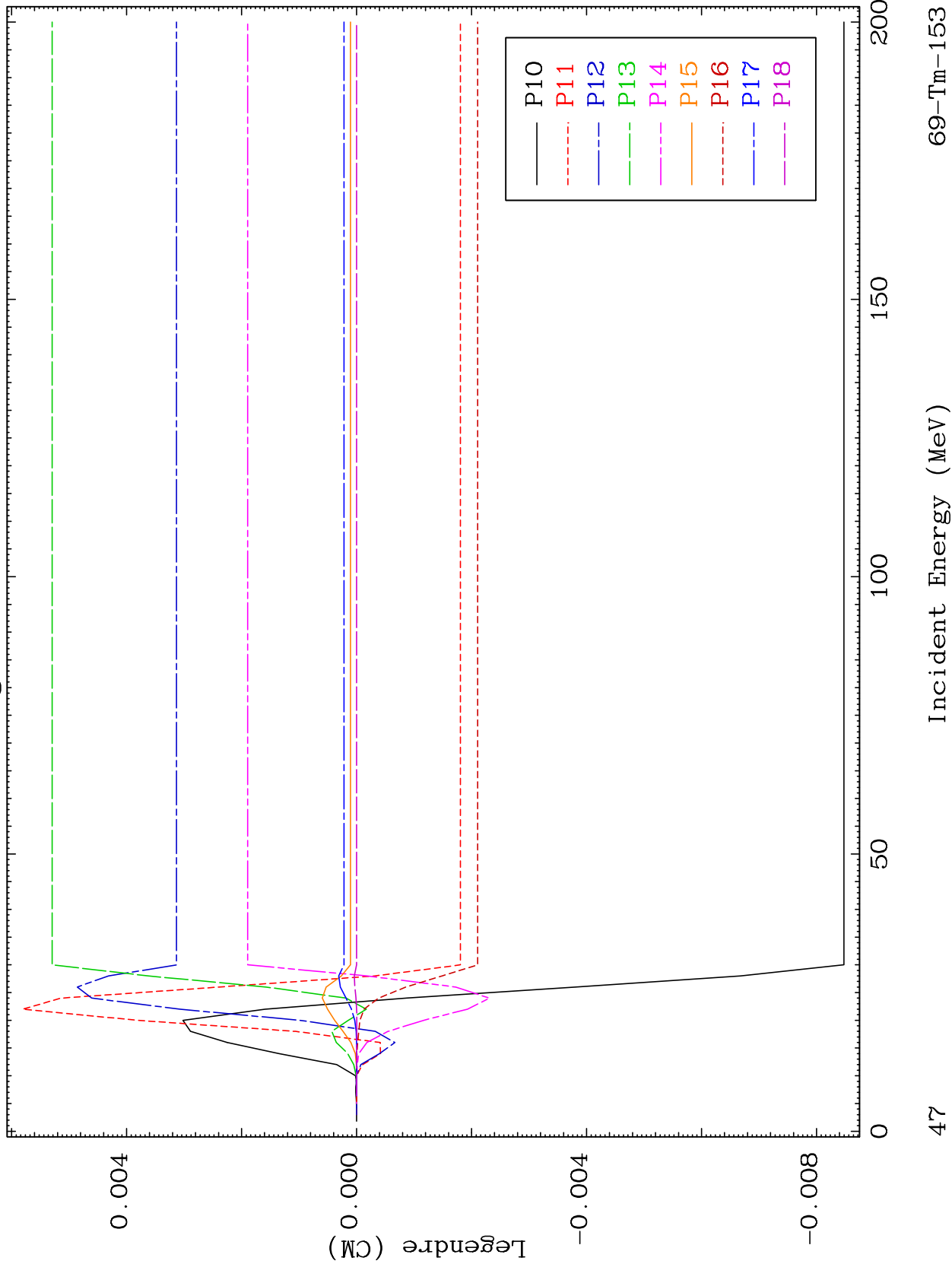
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



47

Incident Energy (MeV)

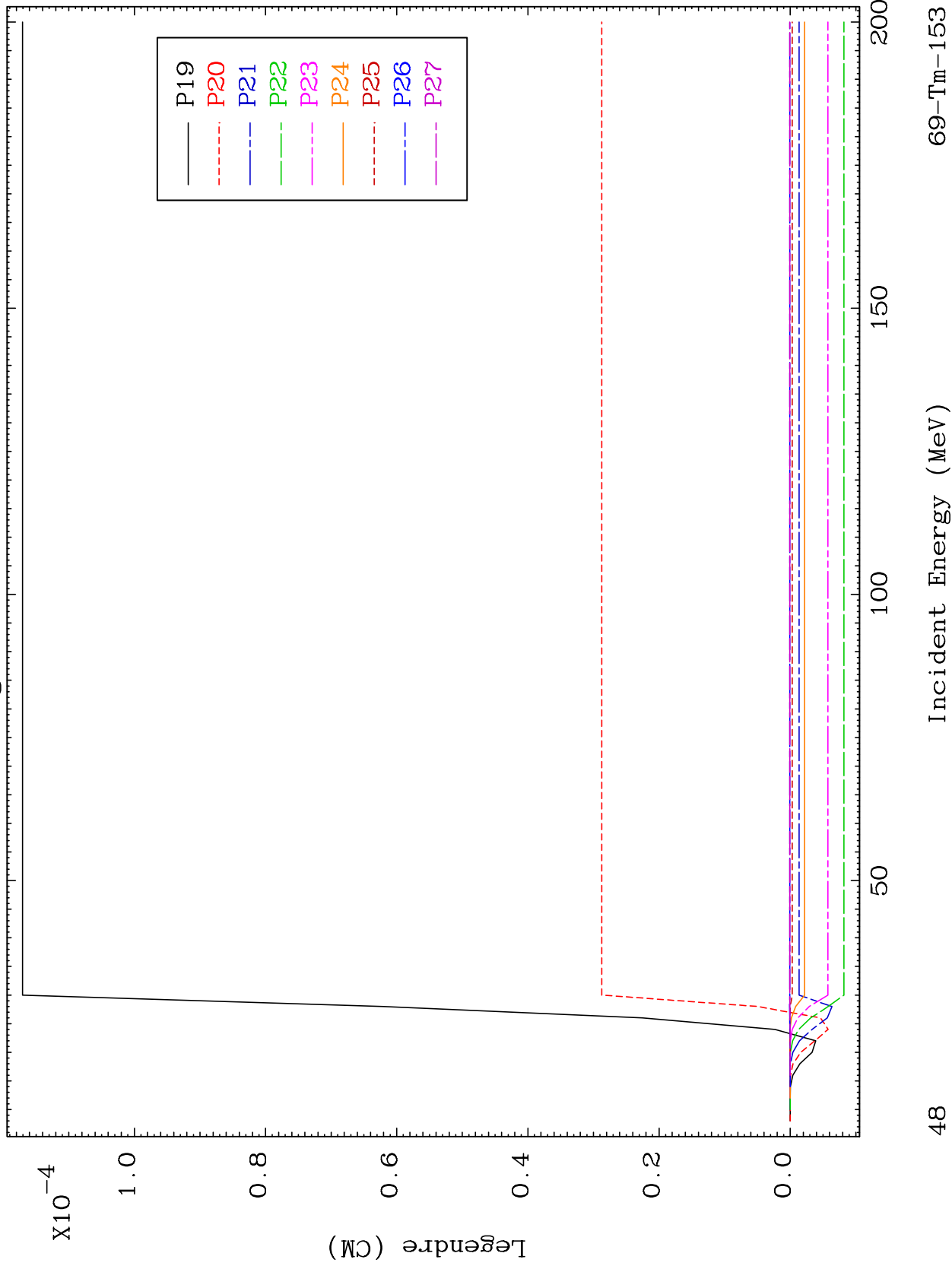
69-Tm-153



MAT 6877

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

69-Tm-153



48

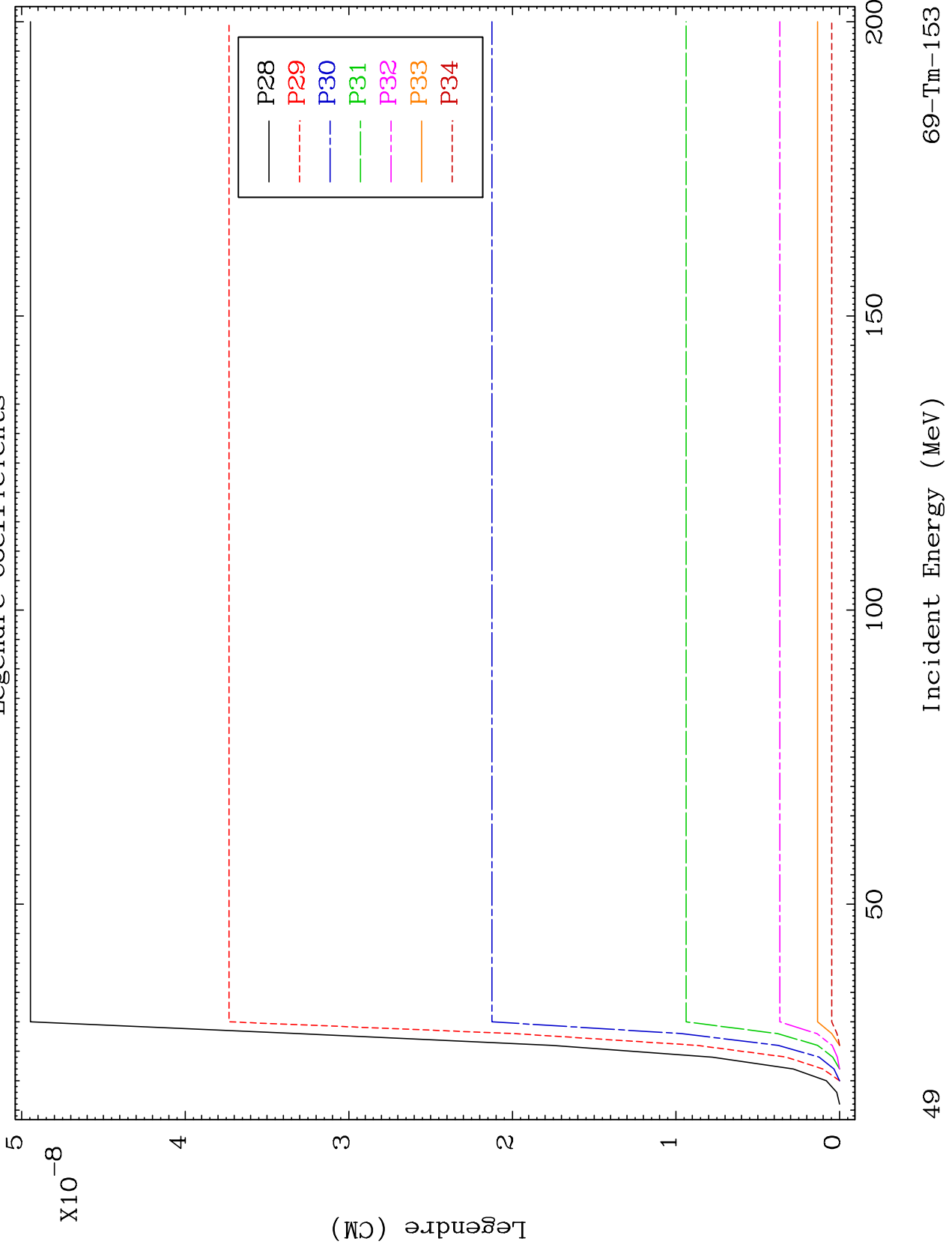
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



49

Incident Energy (MeV)

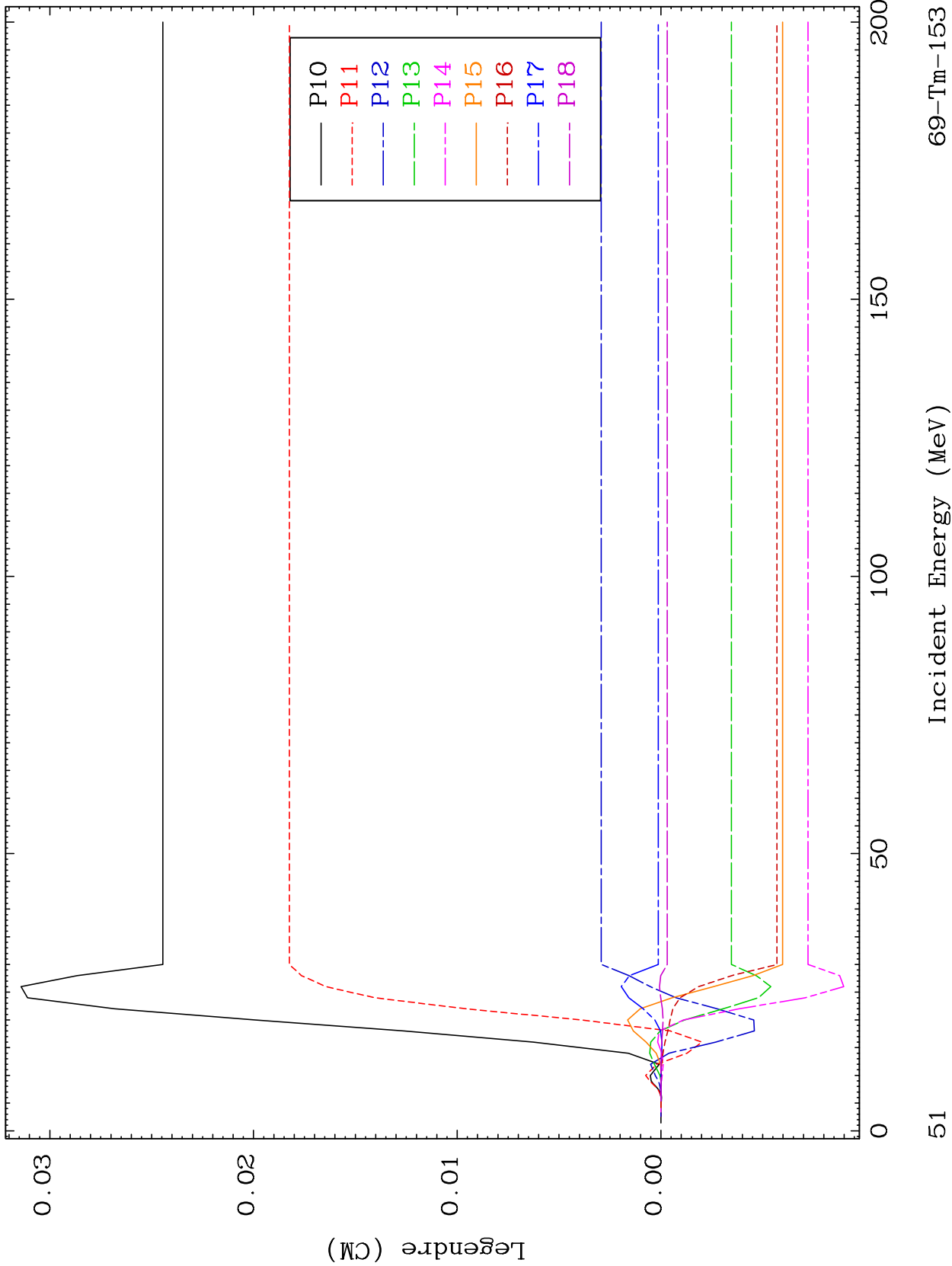
69-Tm-153



MAT 6877

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

69-Tm-153



69-Tm-153

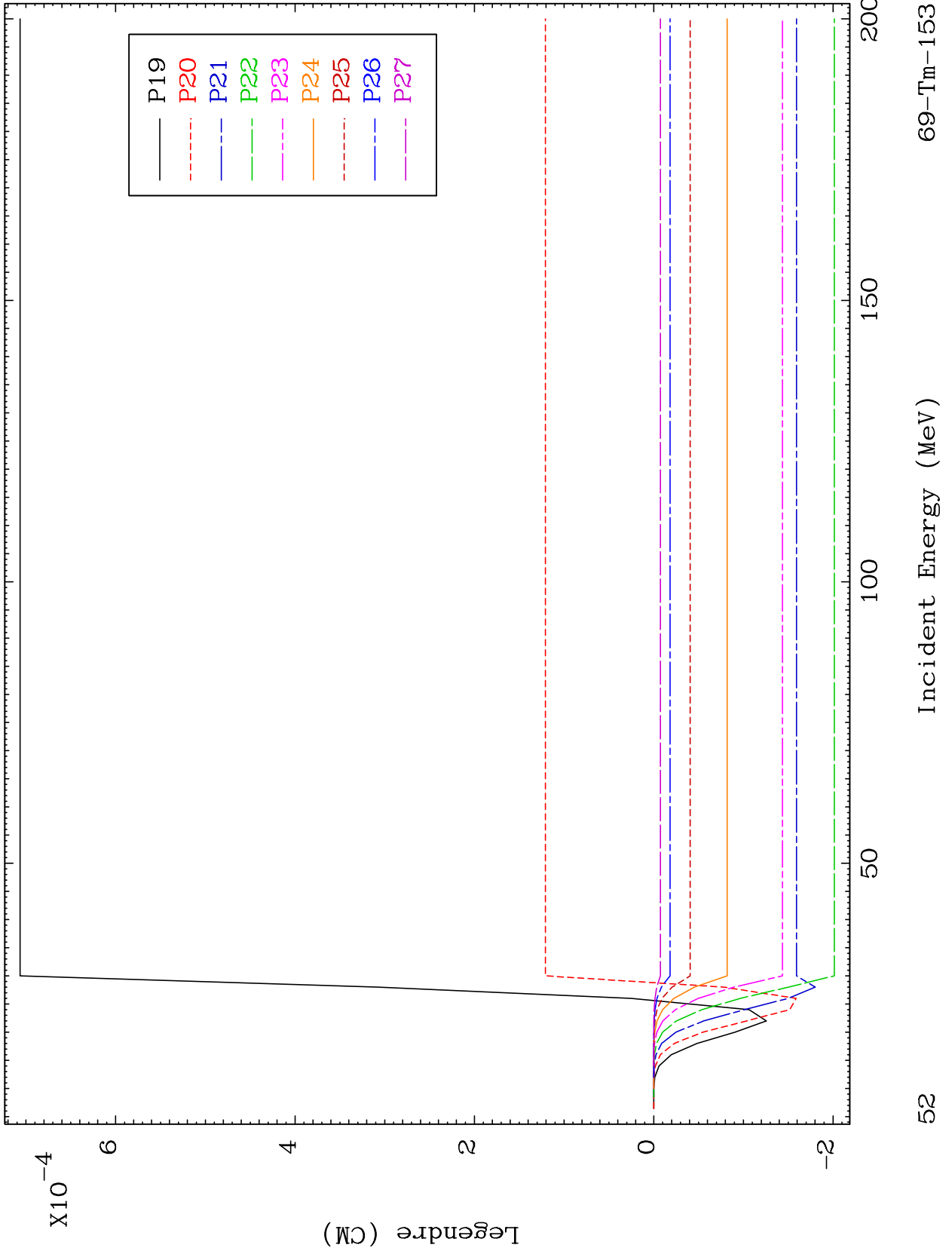
Incident Energy (MeV)

51

MAT 6877

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

69-Tm-153



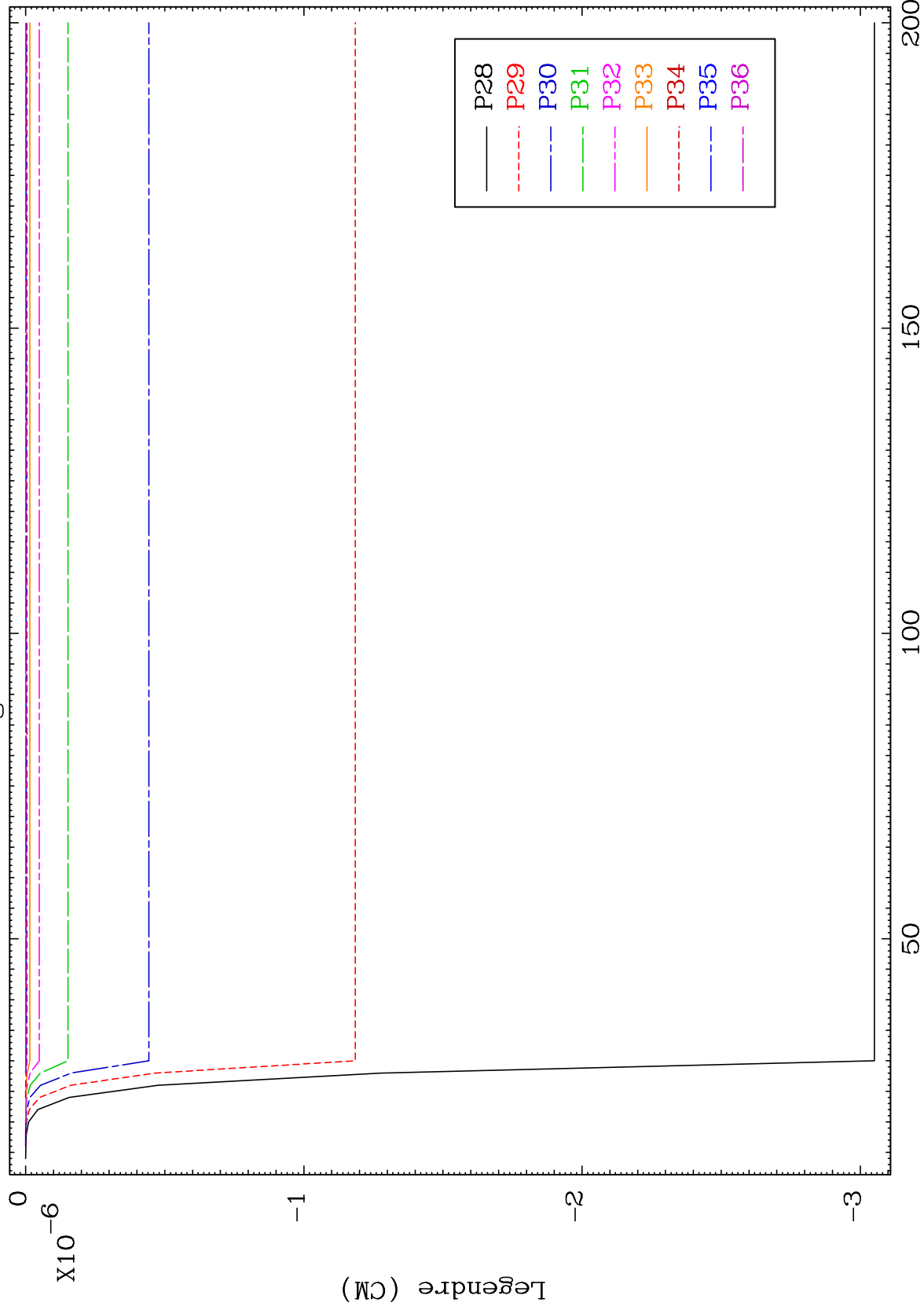
52

69-Tm-153

MAT 6877

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

69-Tm-153



69-Tm-153

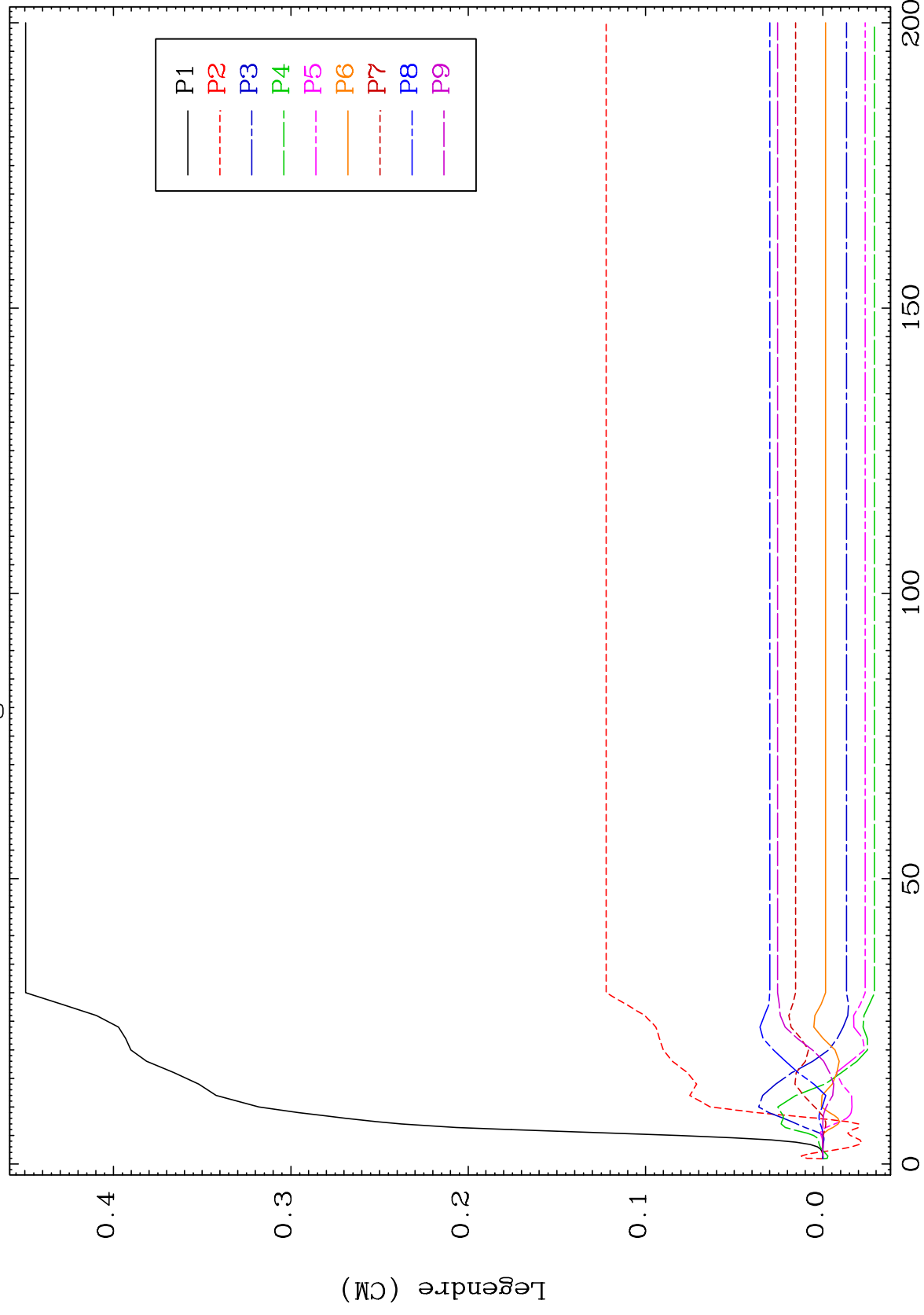
Incident Energy (MeV)

53

MAT 6877

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

69-Tm-153



69-Tm-153

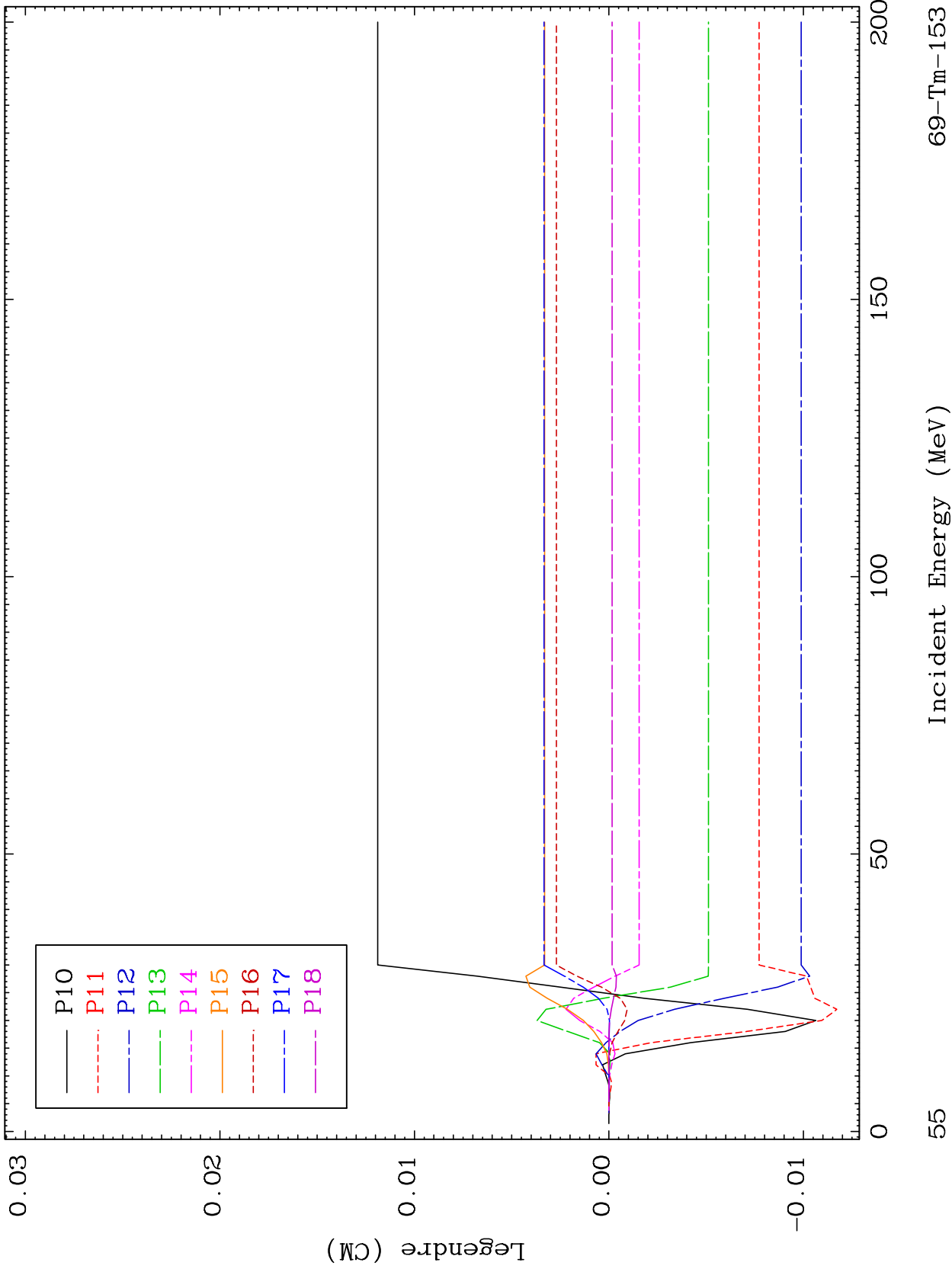
Incident Energy (MeV)

54

MAT 6877

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

69-Tm-153



69-Tm-153

Incident Energy (MeV)

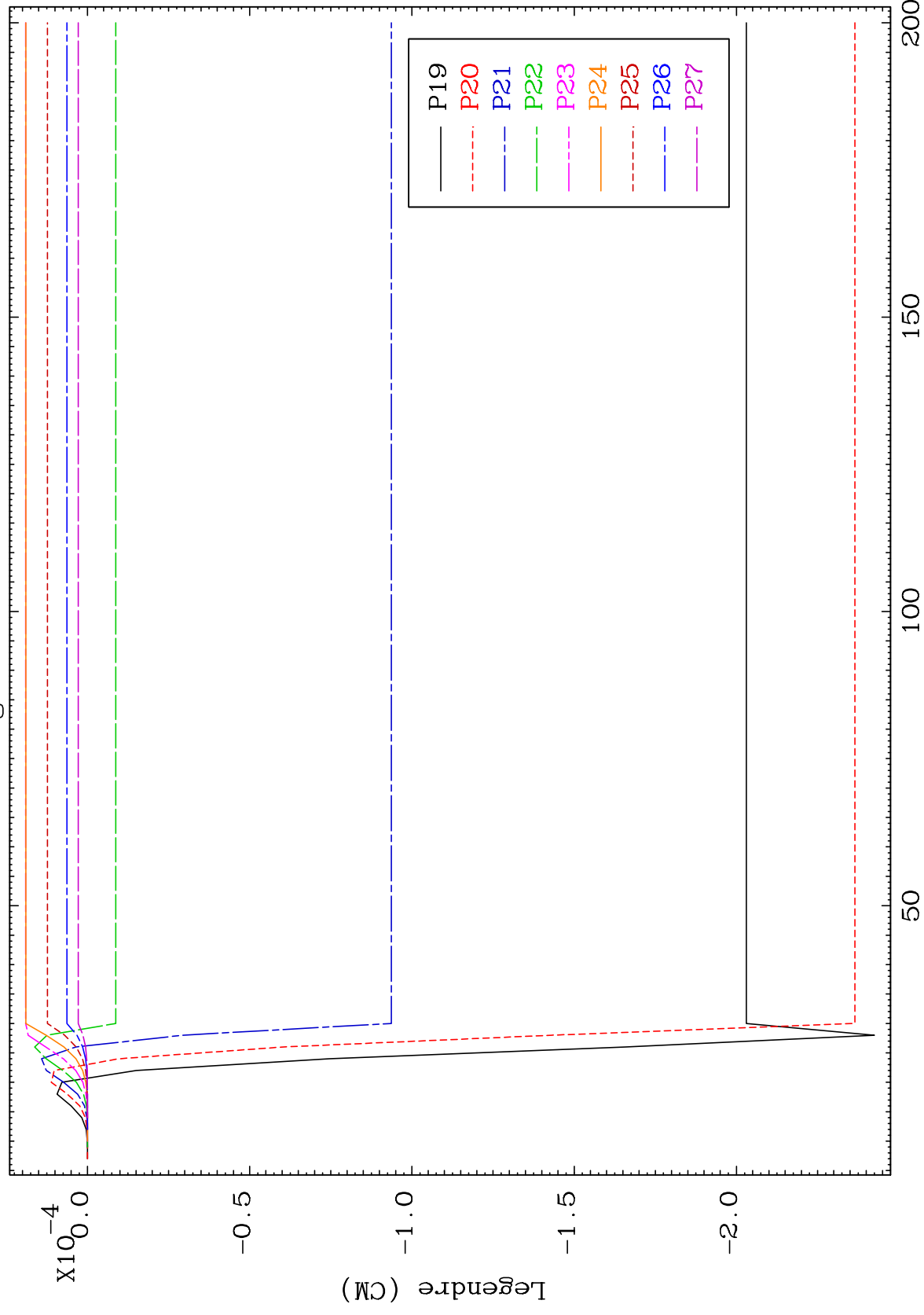
55



MAT 6877

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

69-Tm-153



56

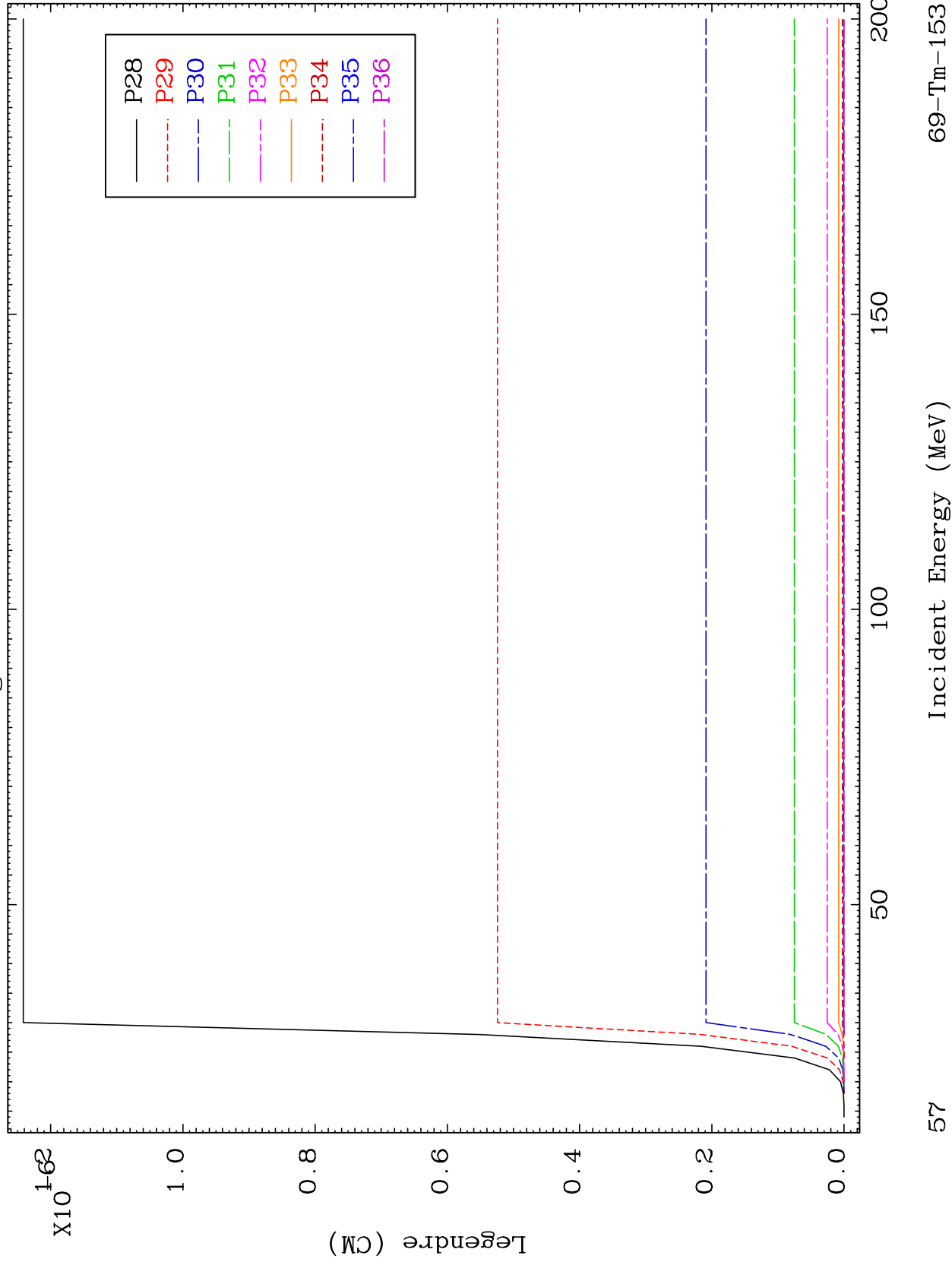
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



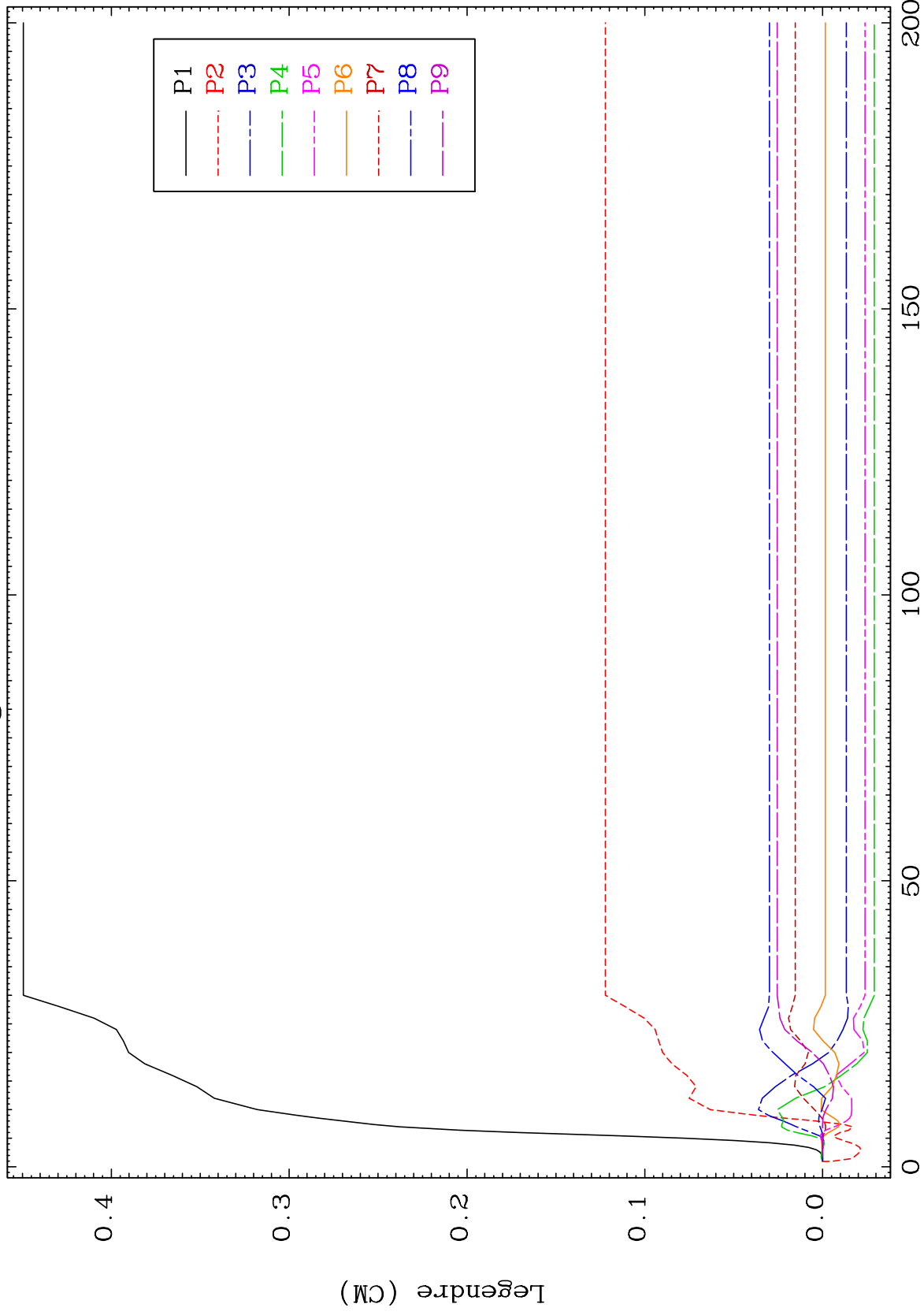
57

69-Tm-153

MAT 6877

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

69-Tm-153



69-Tm-153

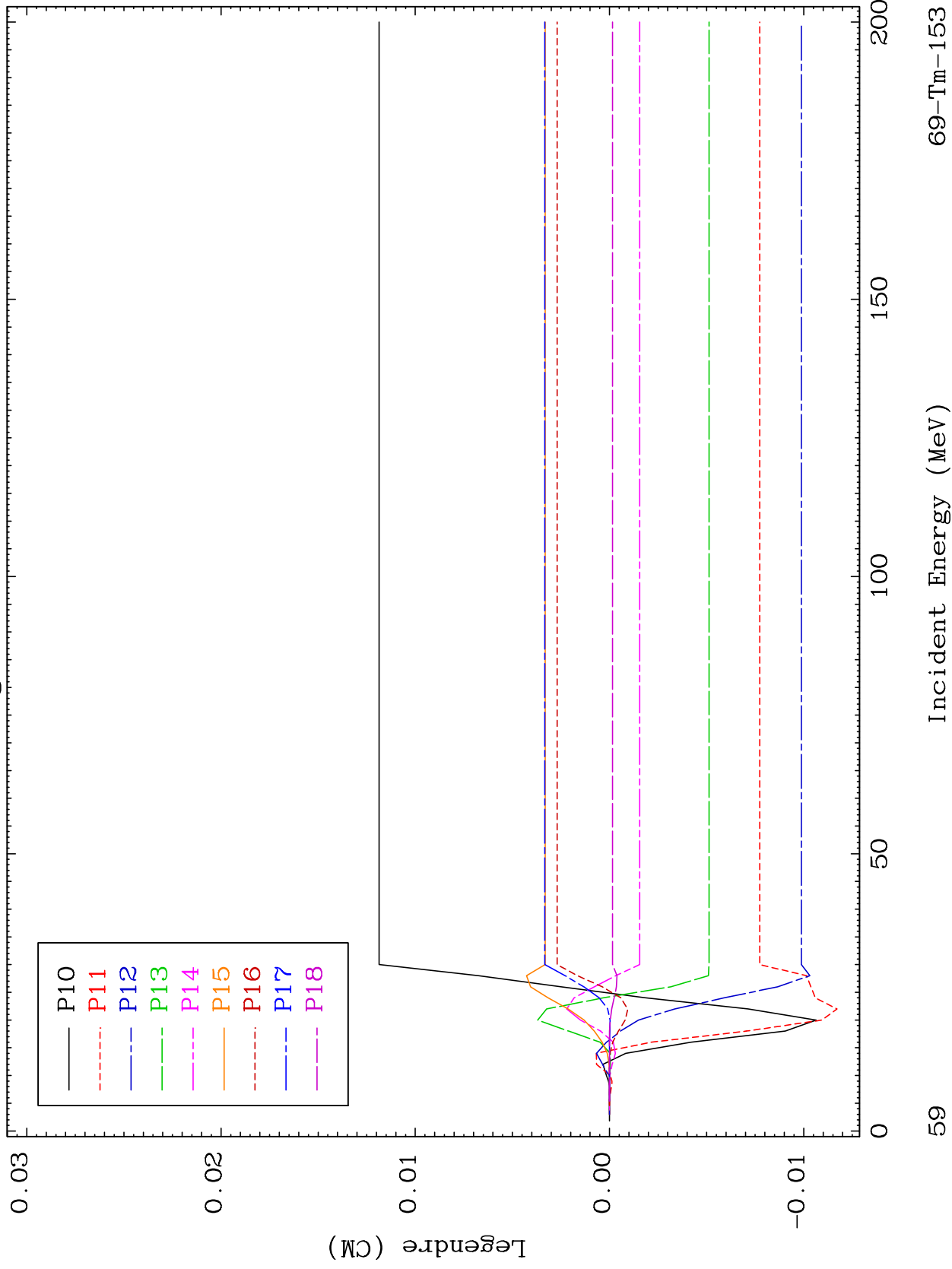
Incident Energy (MeV)

58

MAT 6877

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

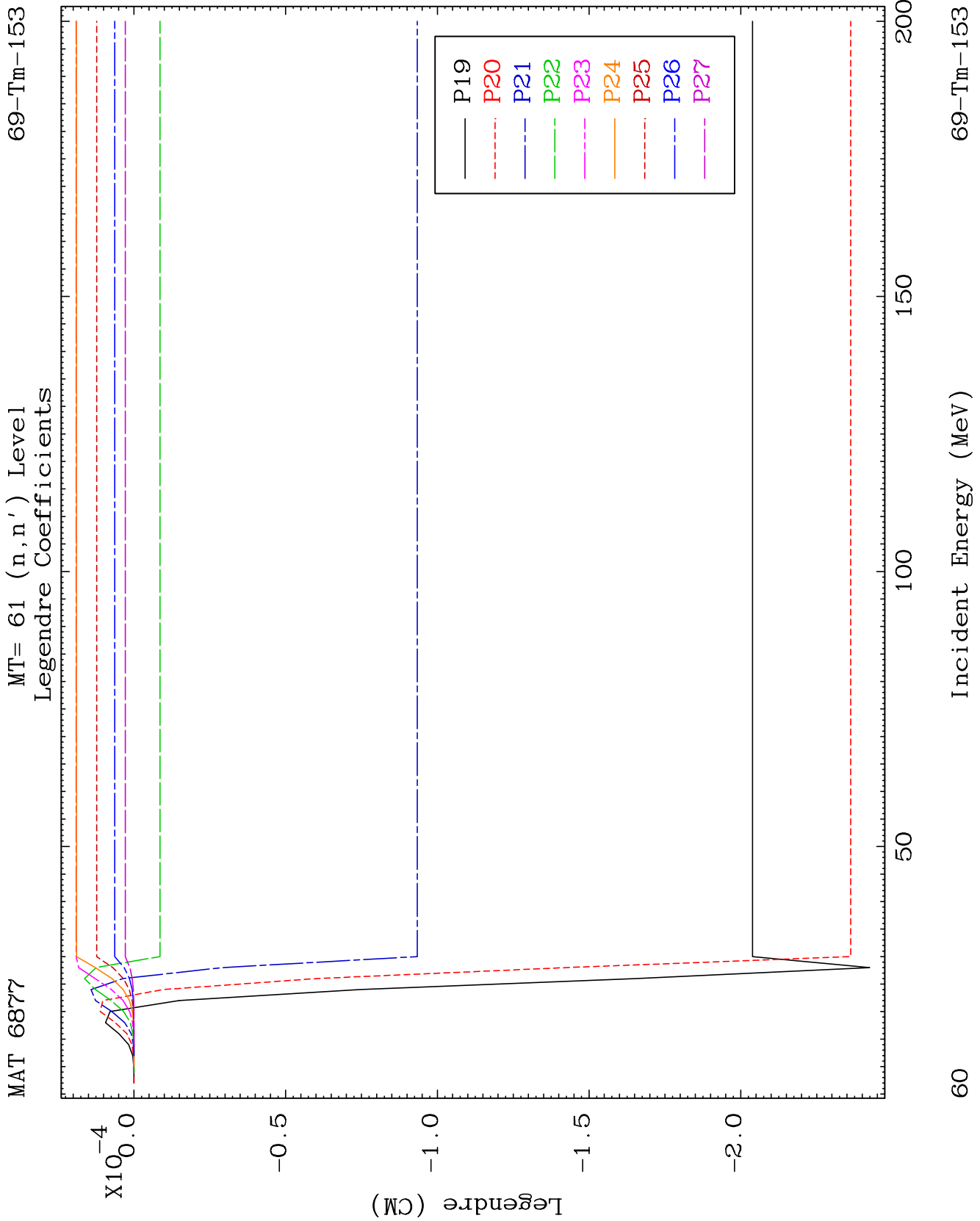
69-Tm-153



59

Incident Energy (MeV)

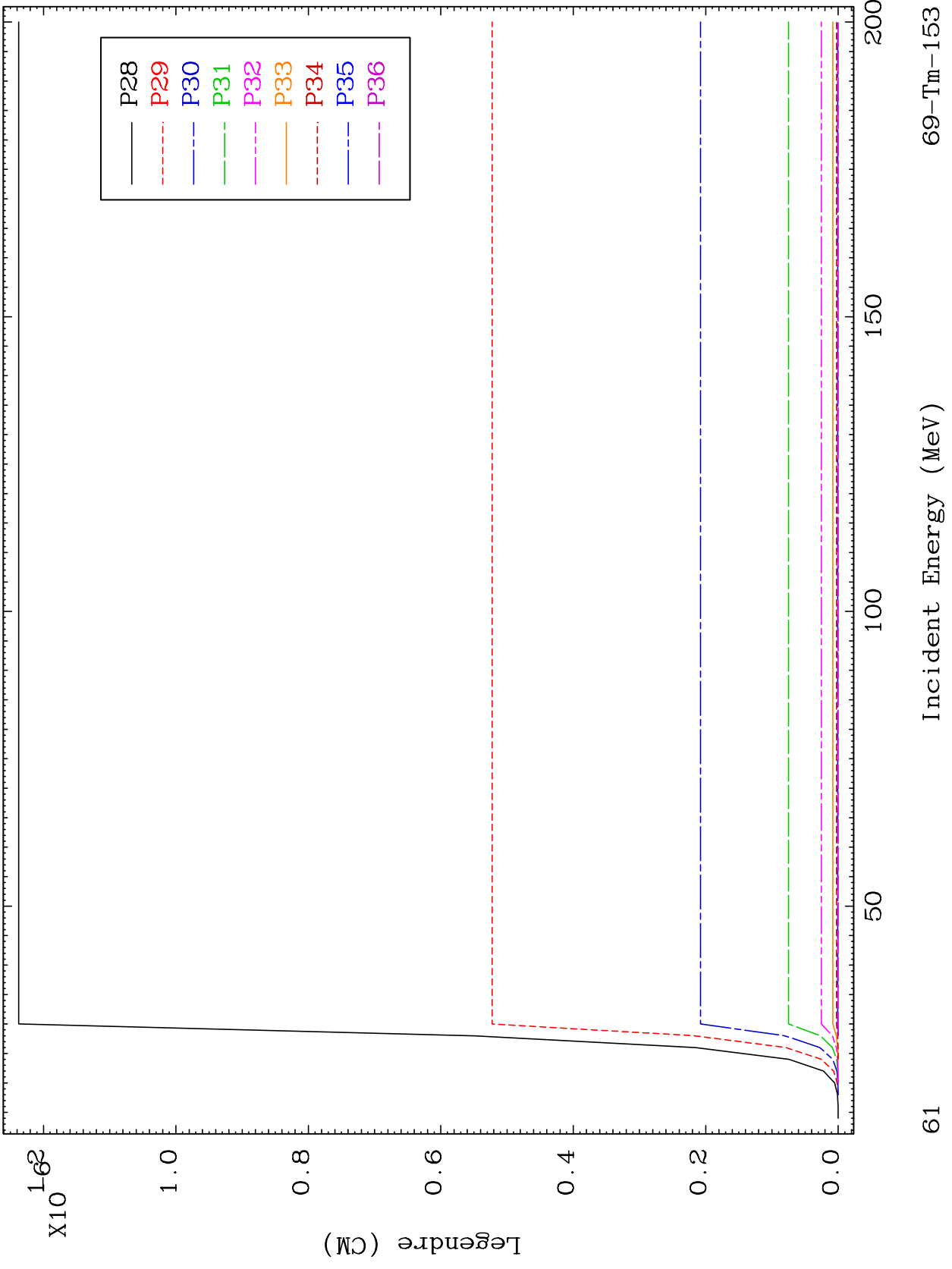
69-Tm-153



MAT 6877

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

69-Tm-153



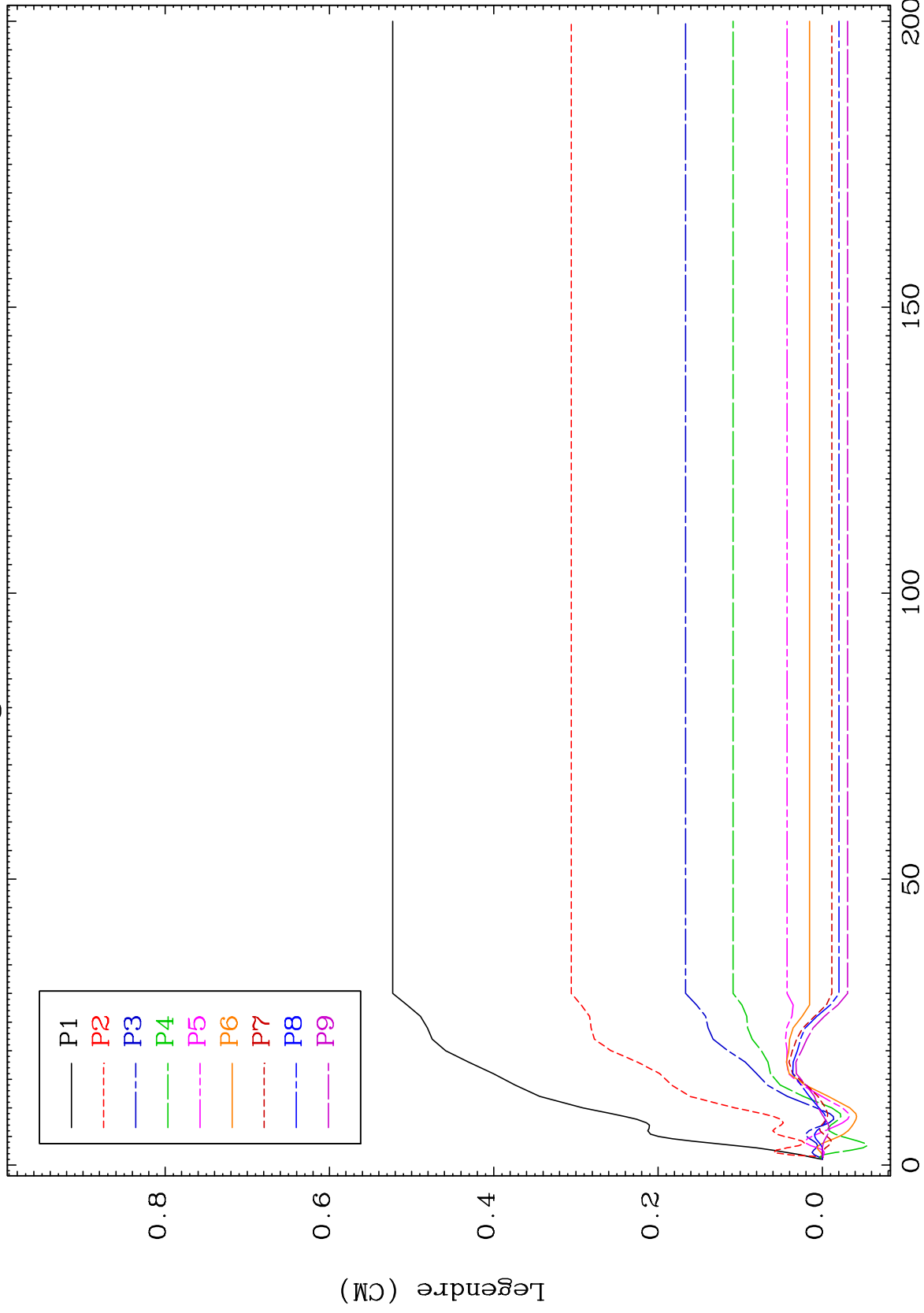
61

69-Tm-153

MAT 6877

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

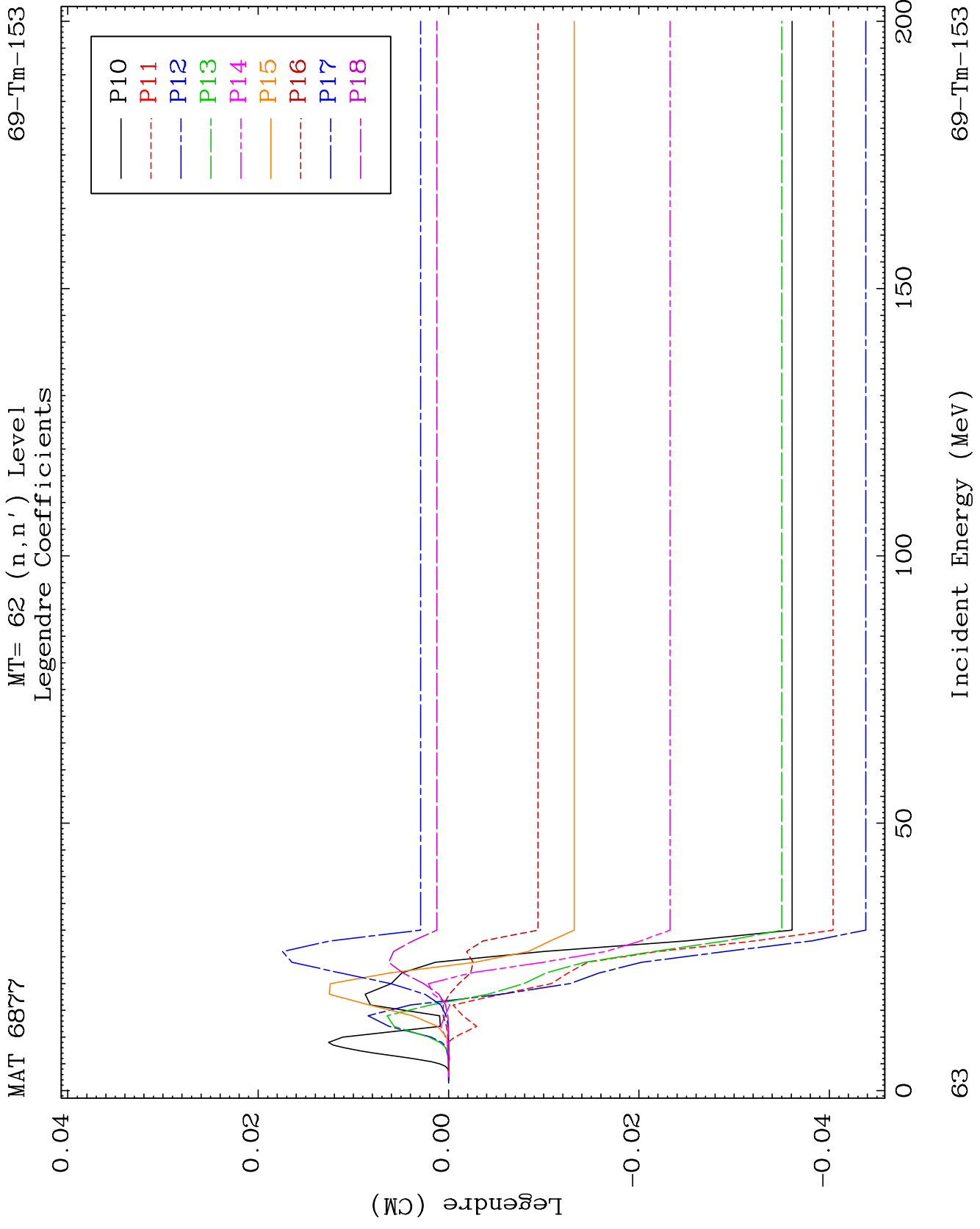
69-Tm-153



69-Tm-153

Incident Energy (MeV)

62

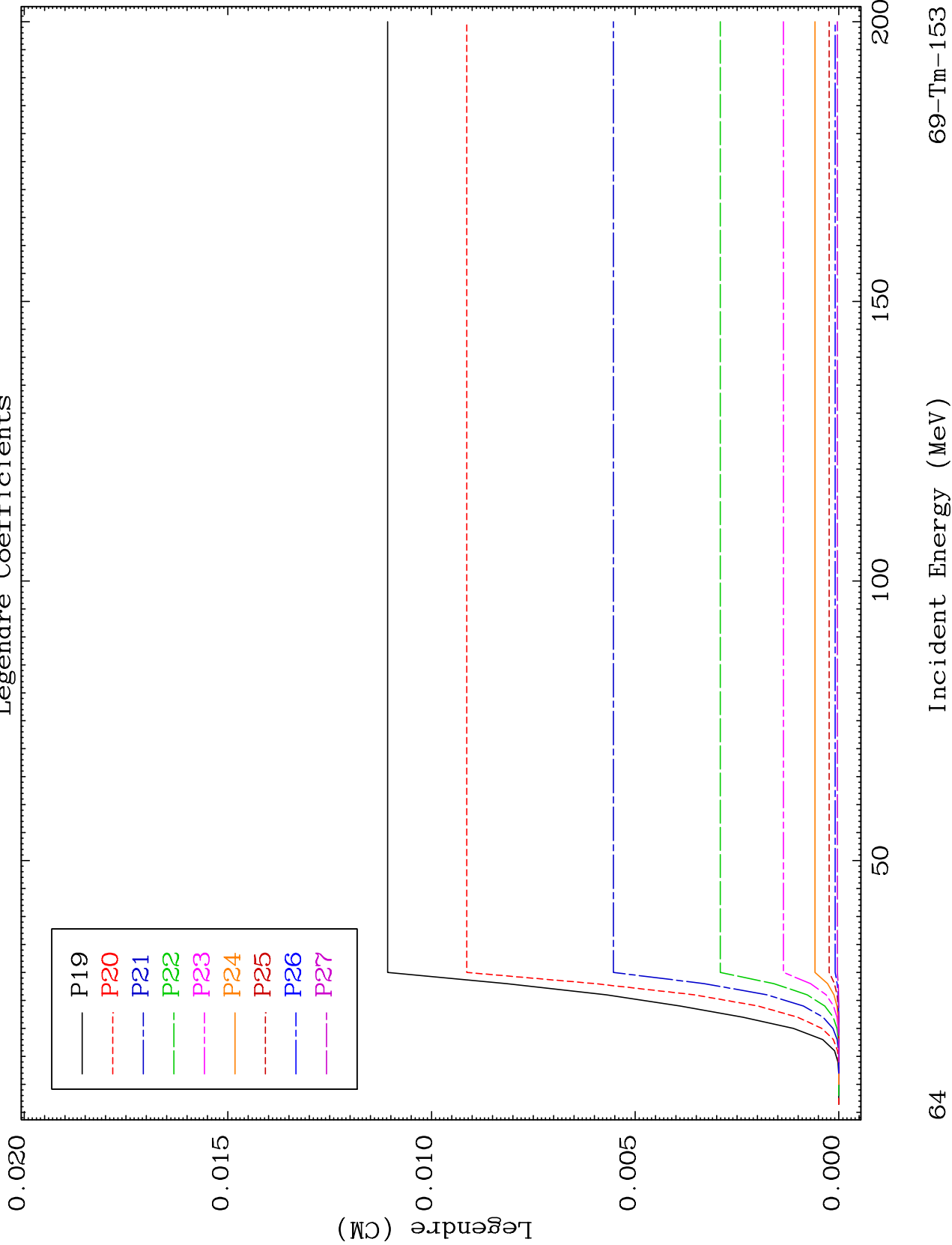




MAT 6877

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

69-Tm-153



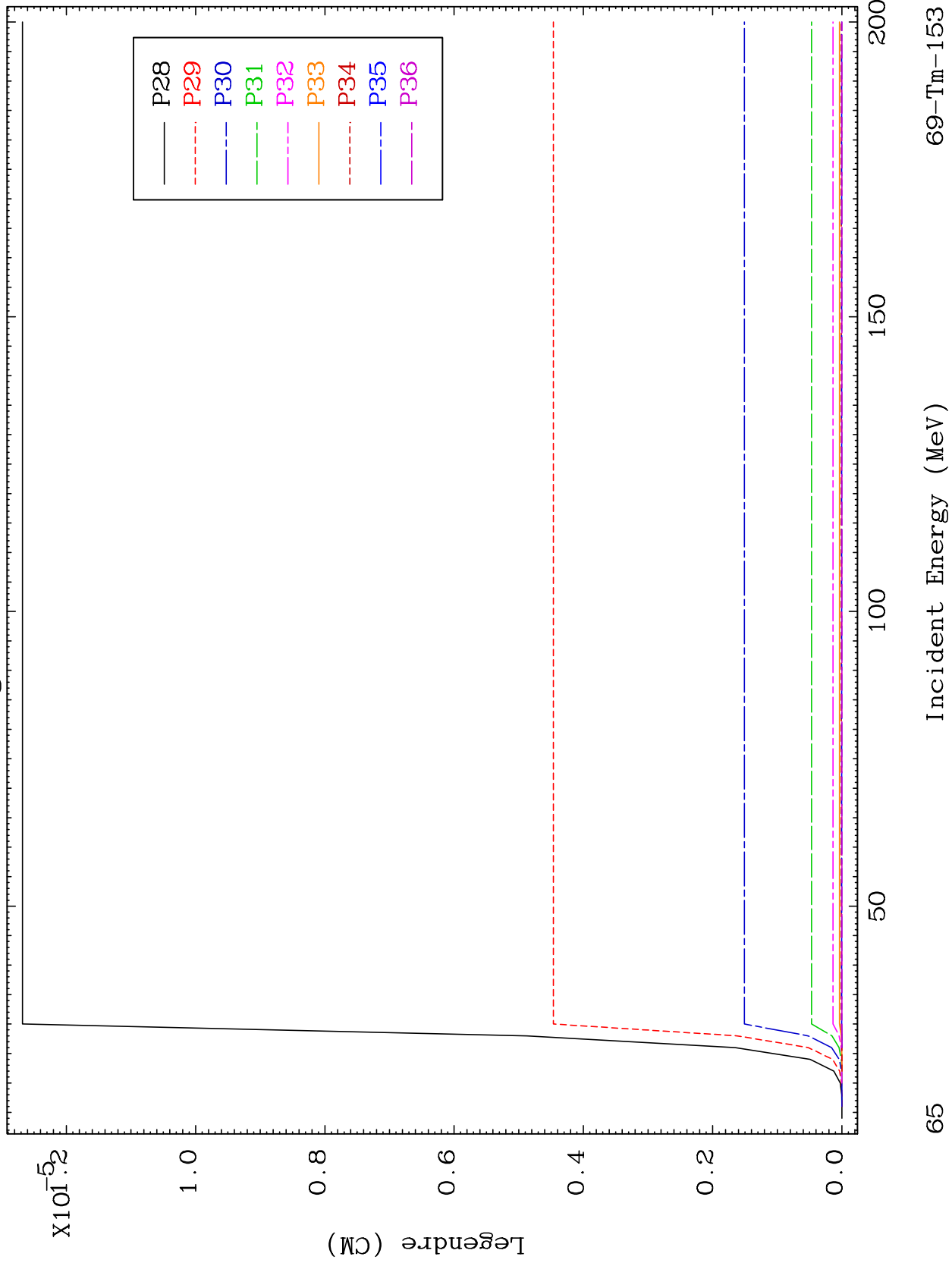
64

200

MAT 6877

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

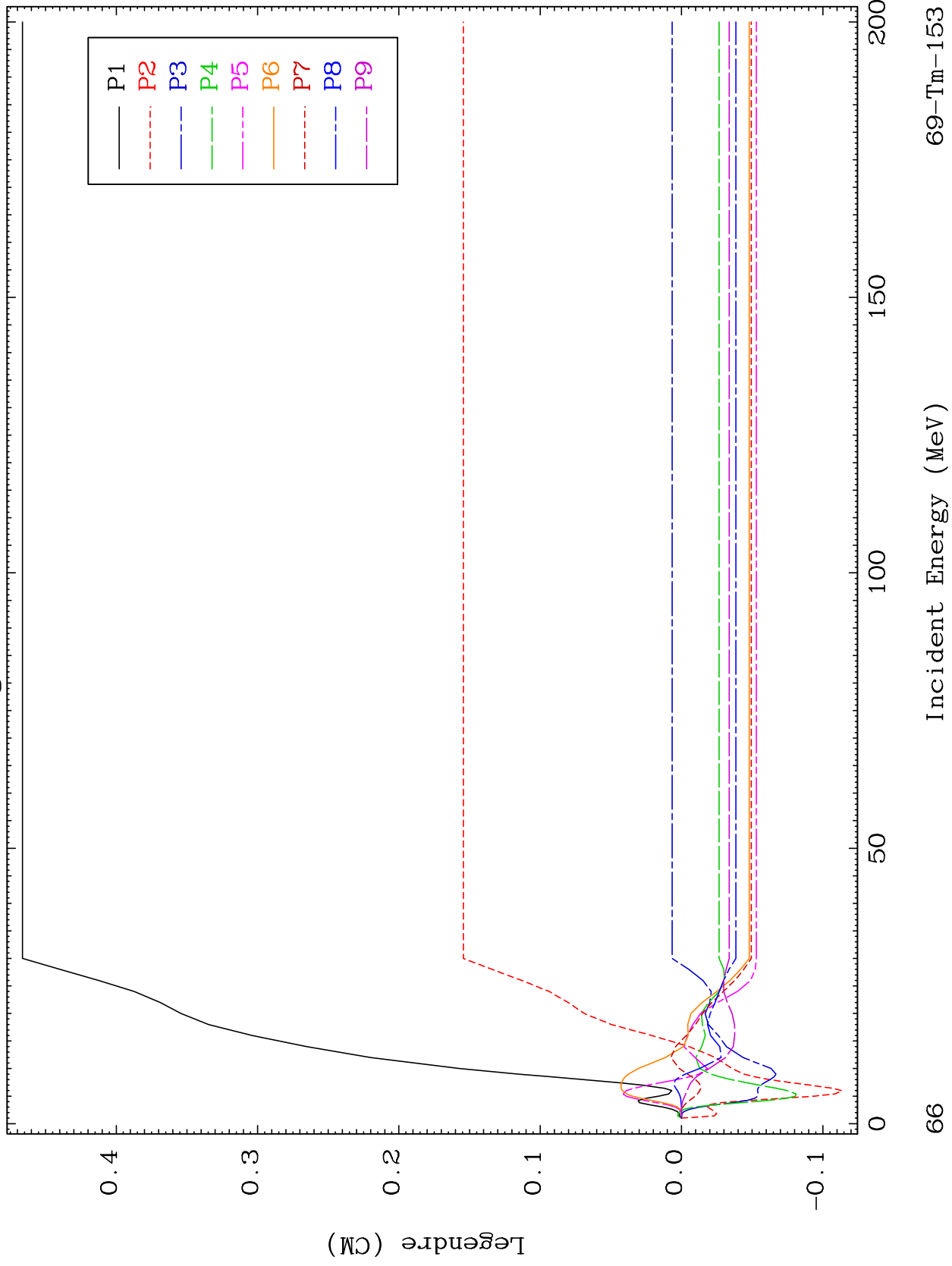
69-Tm-153



MAT 6877

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

69-Tm-153



69-Tm-153

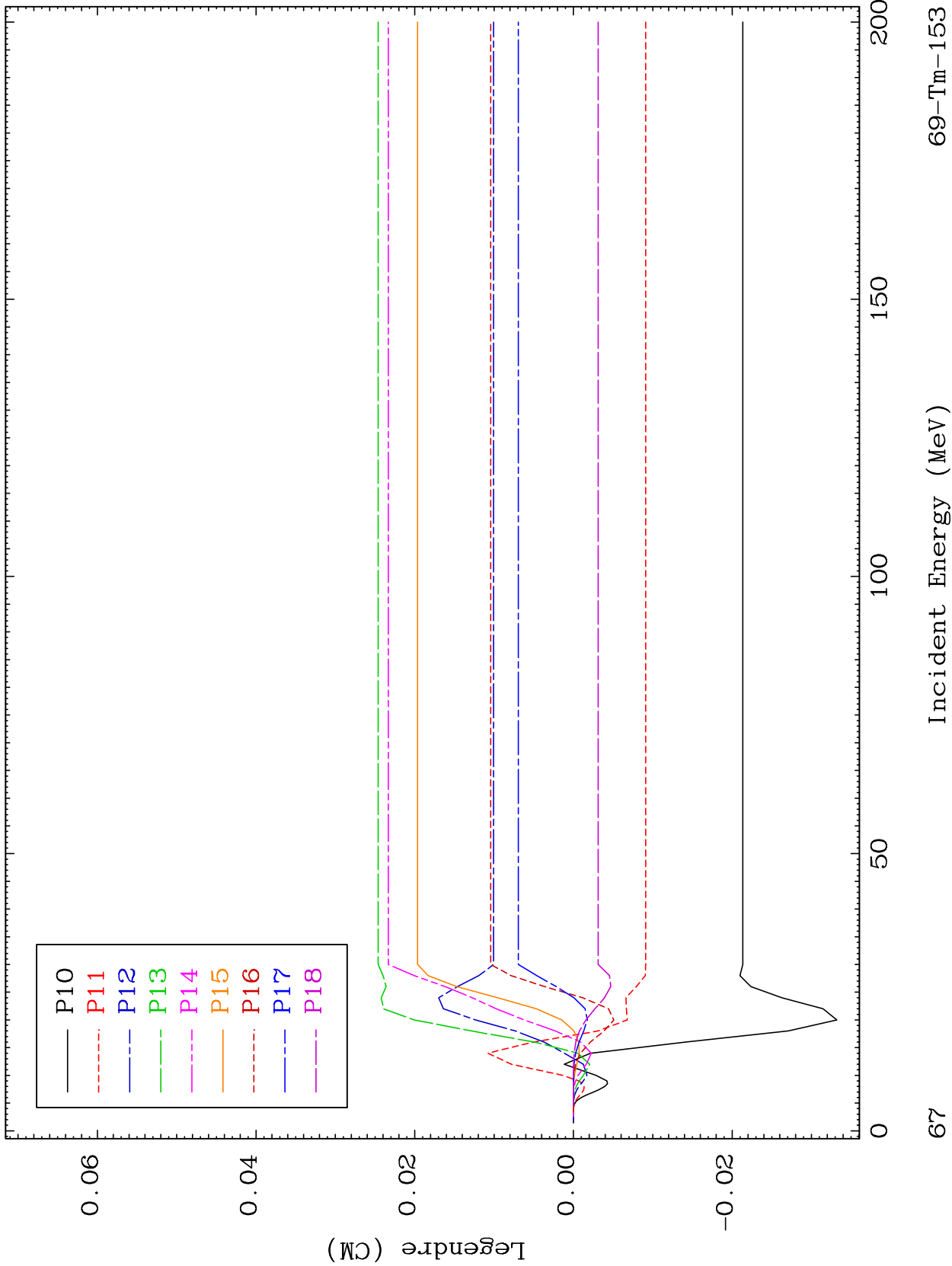
Incident Energy (MeV)

66

MAT 6877

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

69-Tm-153



67

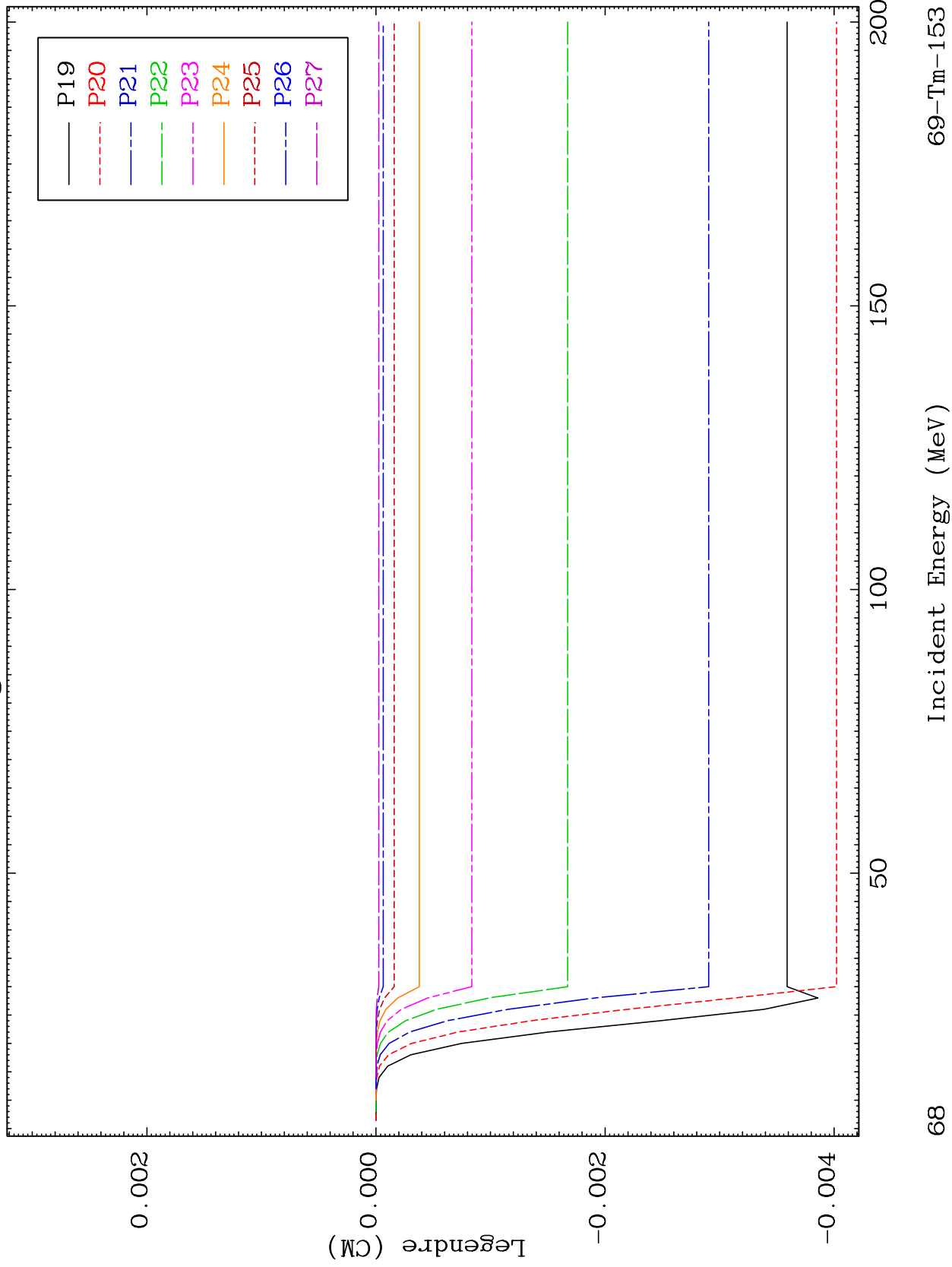
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

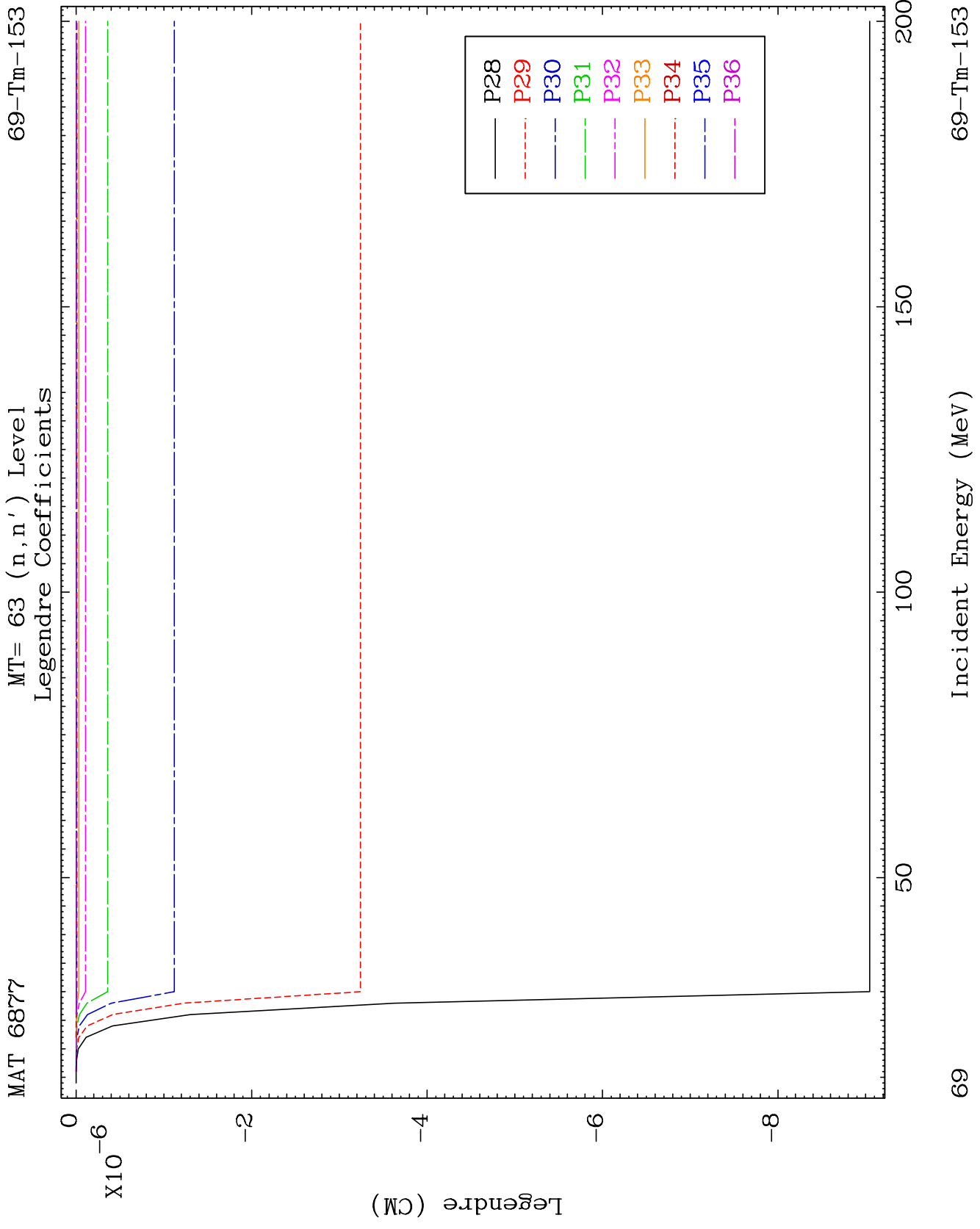
69-Tm-153



68

Incident Energy (MeV)

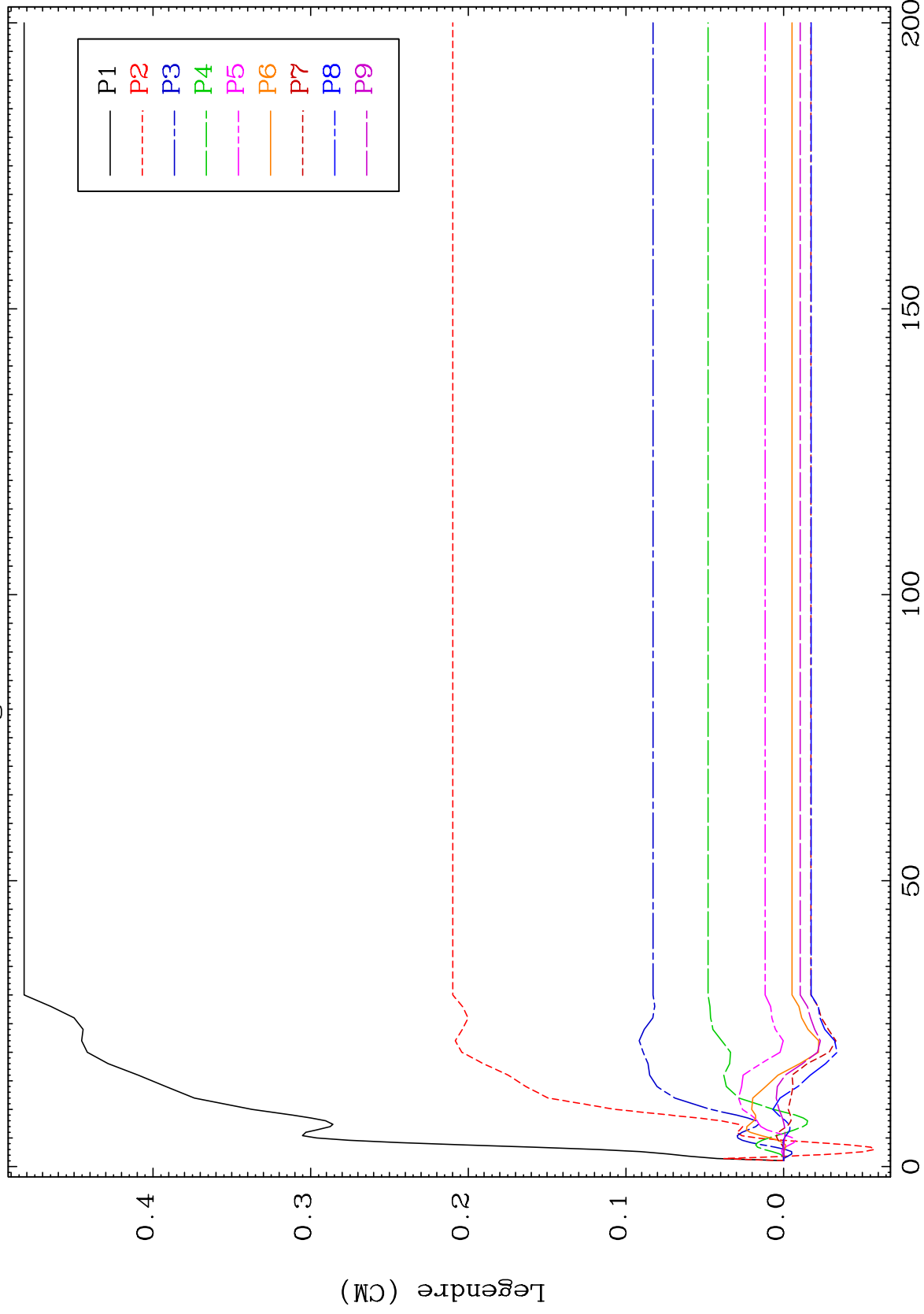
69-Tm-153



MAT 6877

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

69-Tm-153



69-Tm-153

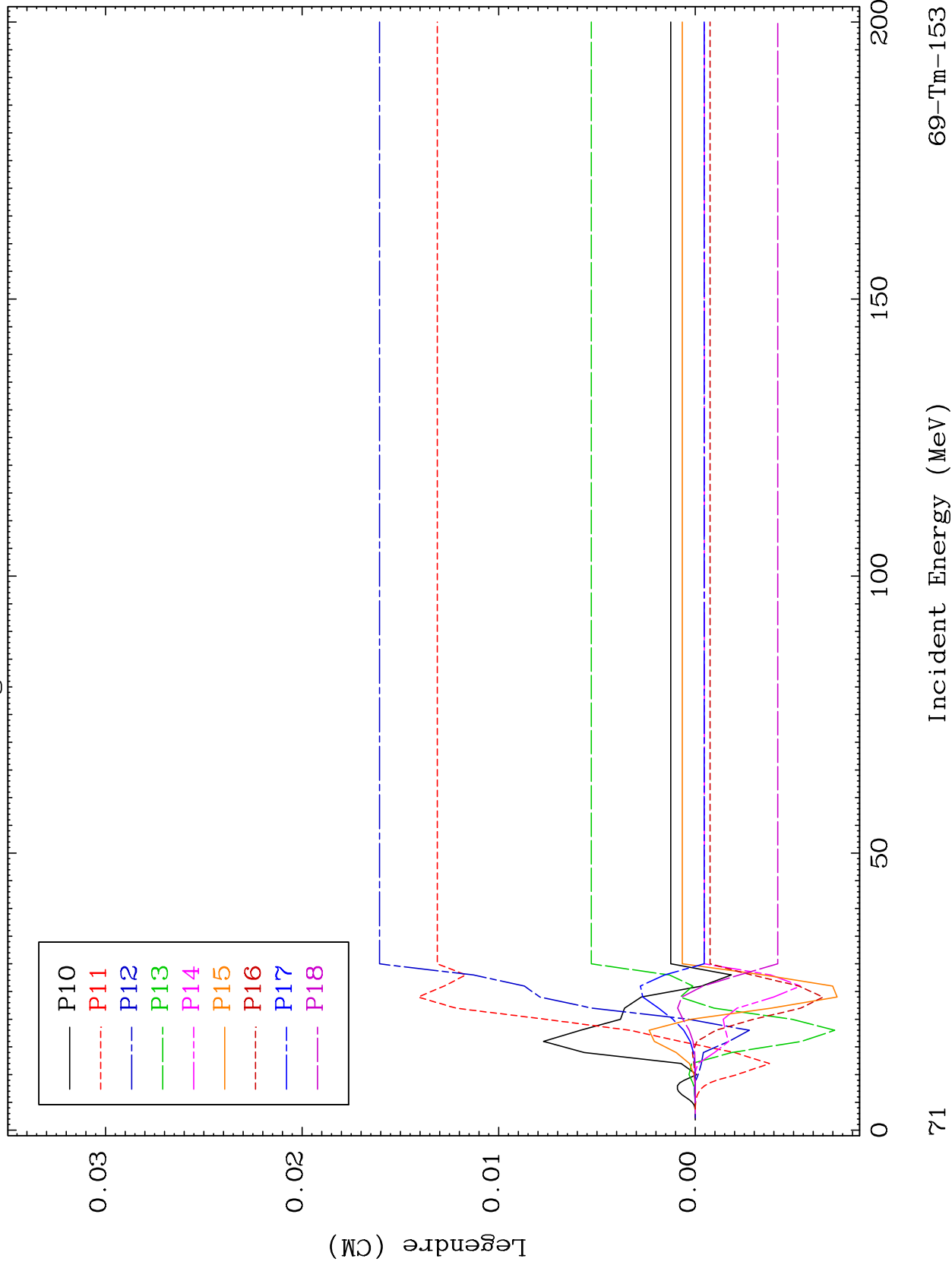
Incident Energy (MeV)

70

MAT 6877

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

69-Tm-153



71

Incident Energy (MeV)

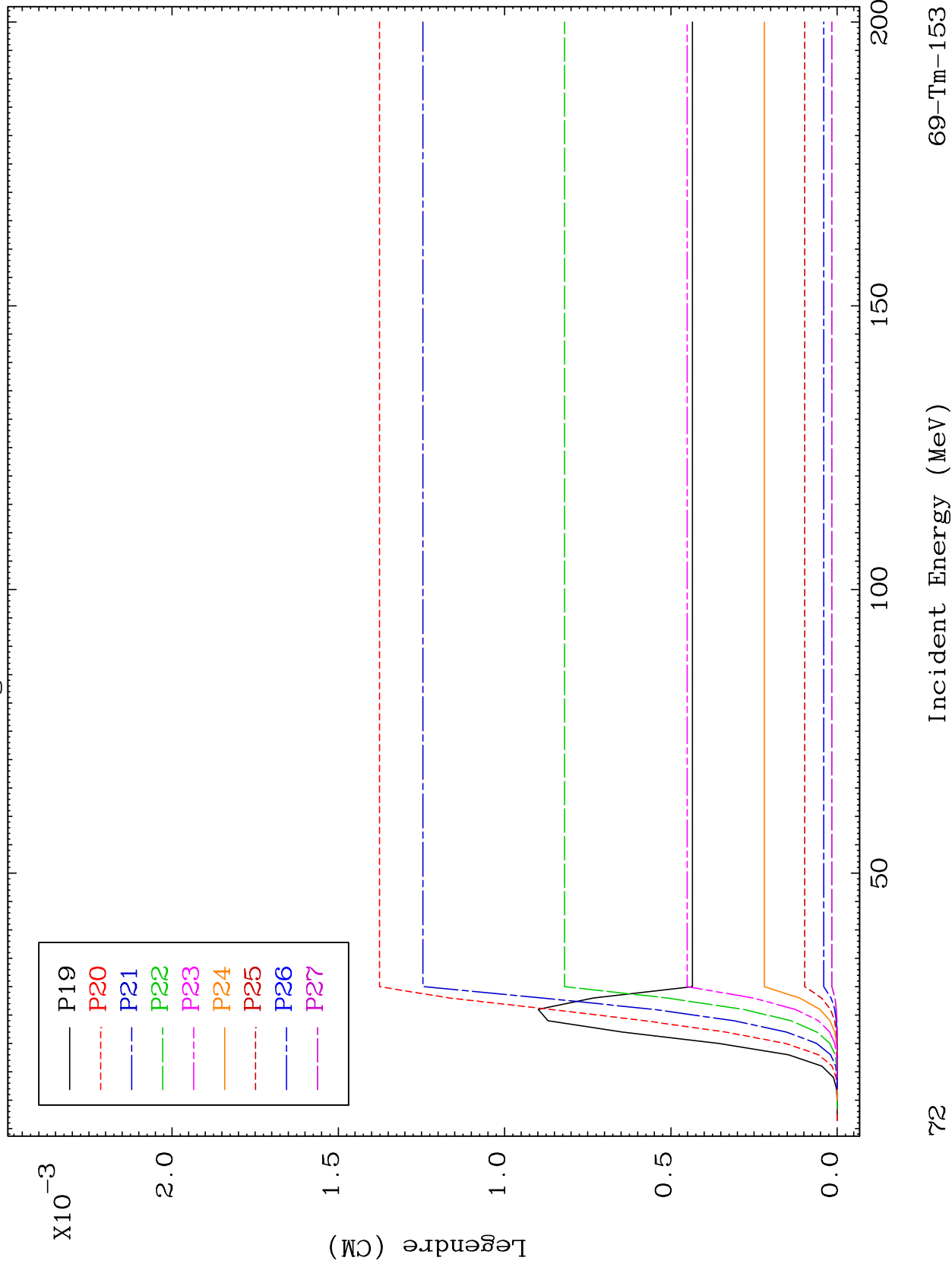
69-Tm-153



MAT 6877

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

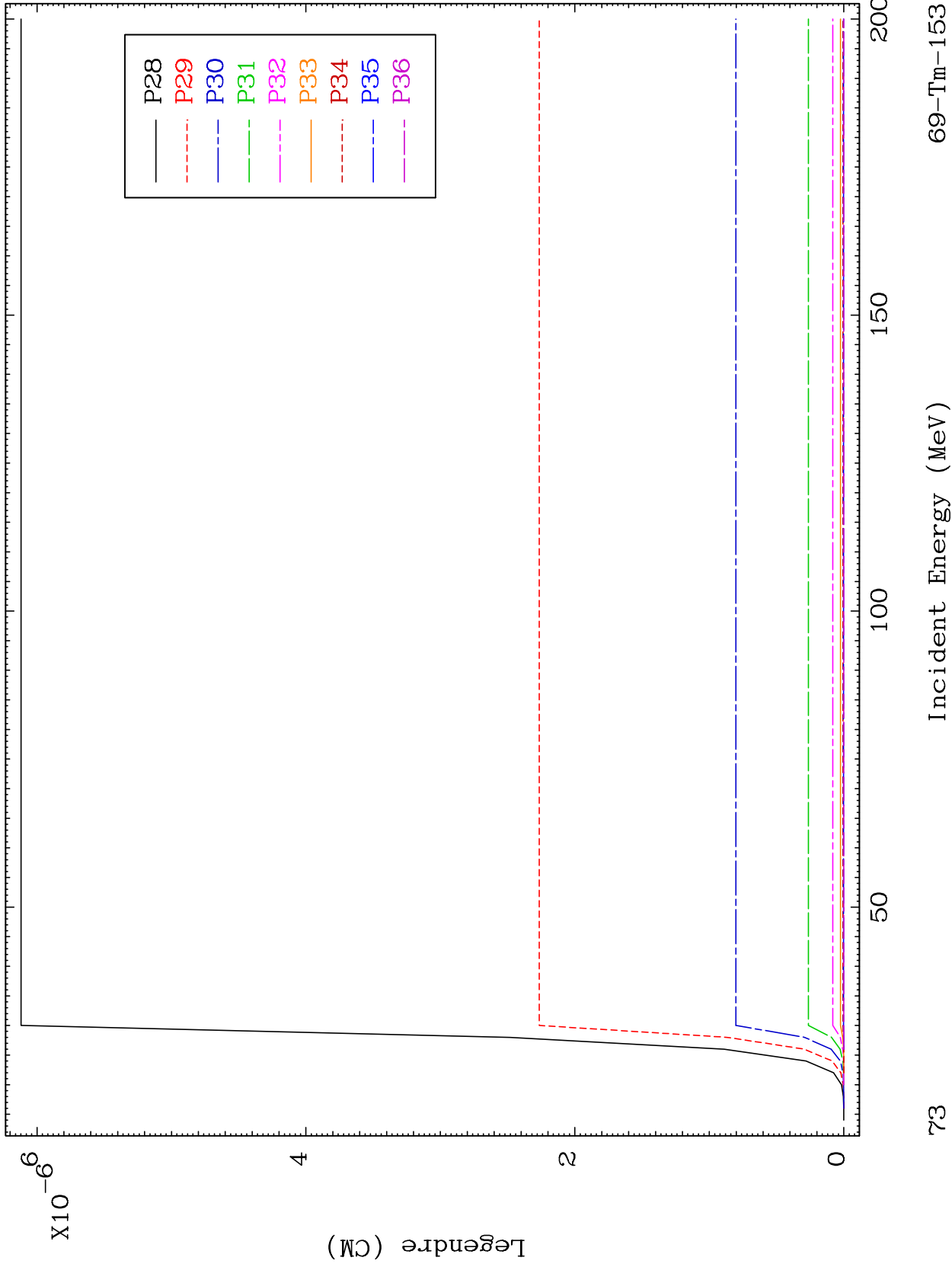
69-Tm-153



MAT 6877

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

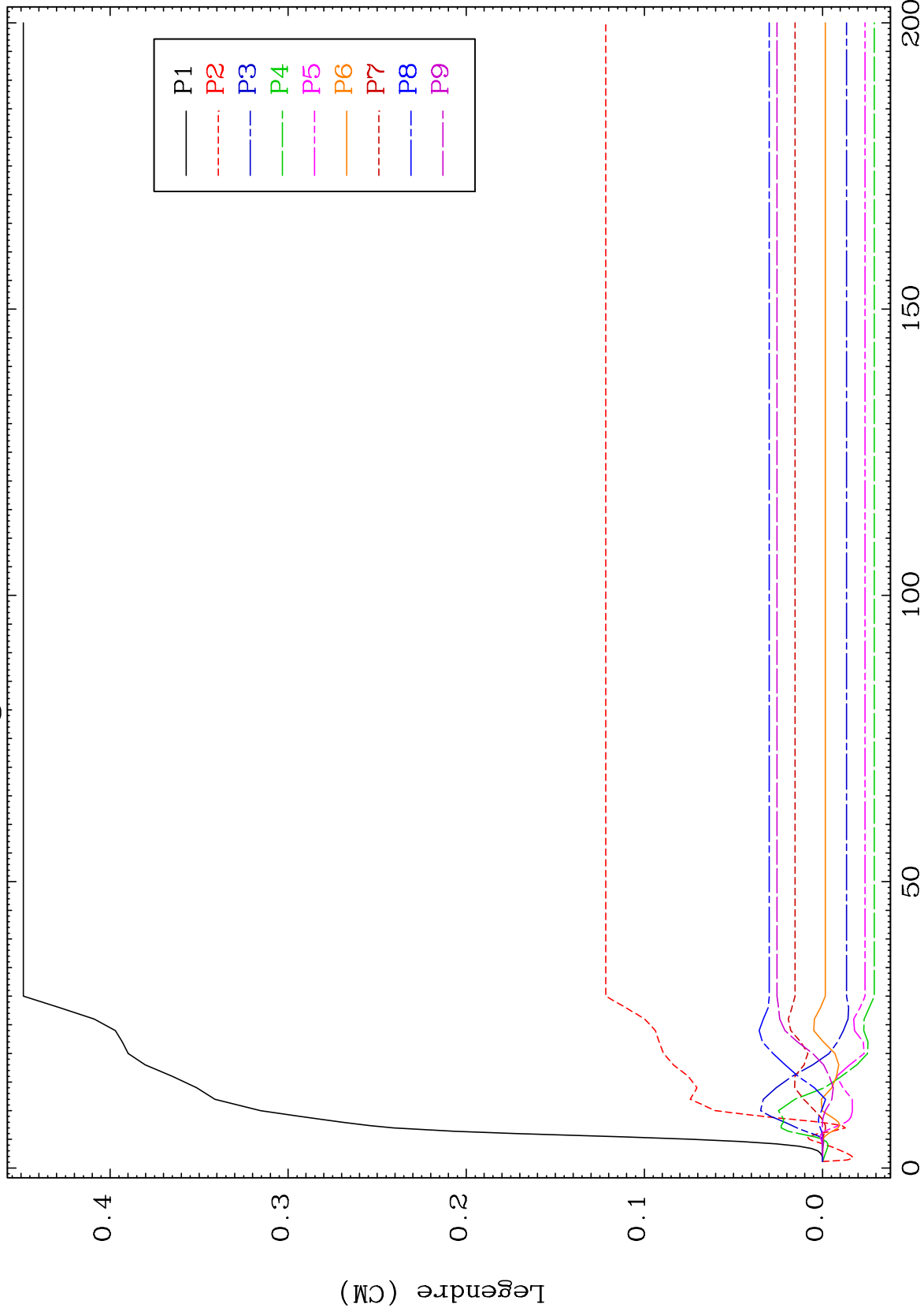
69-Tm-153



MAT 6877

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

69-Tm-153



74

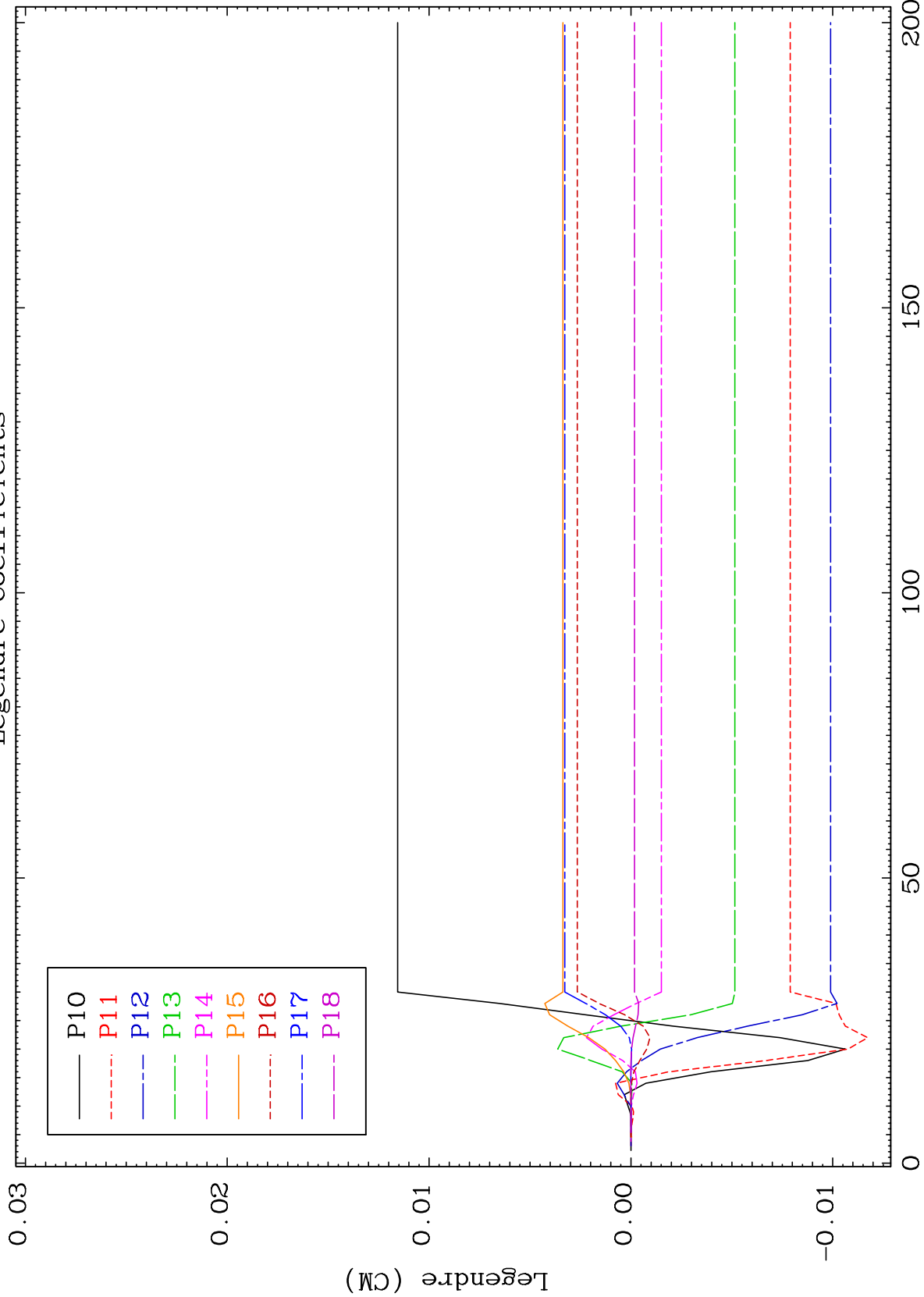
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

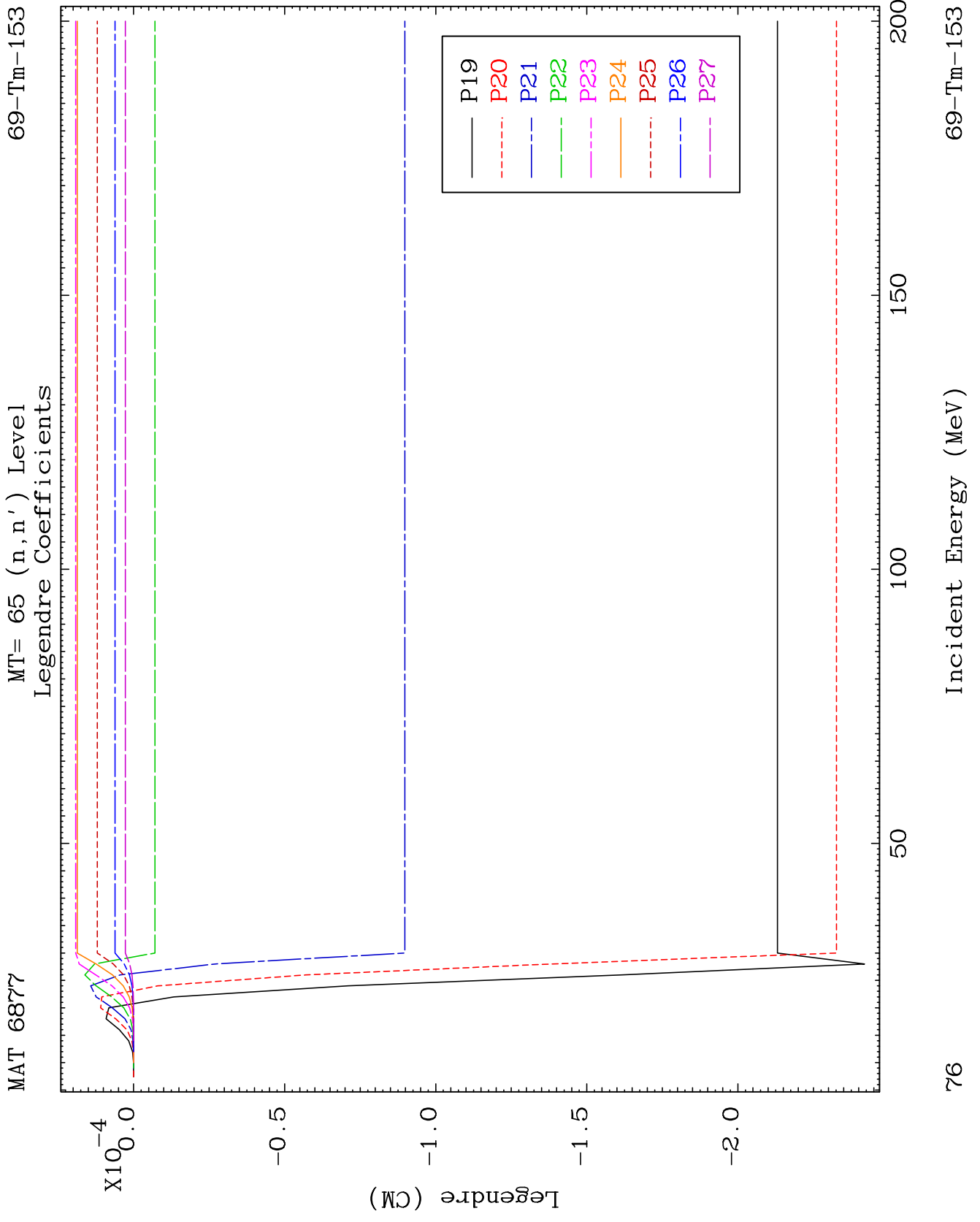
69-Tm-153



75

Incident Energy (MeV)

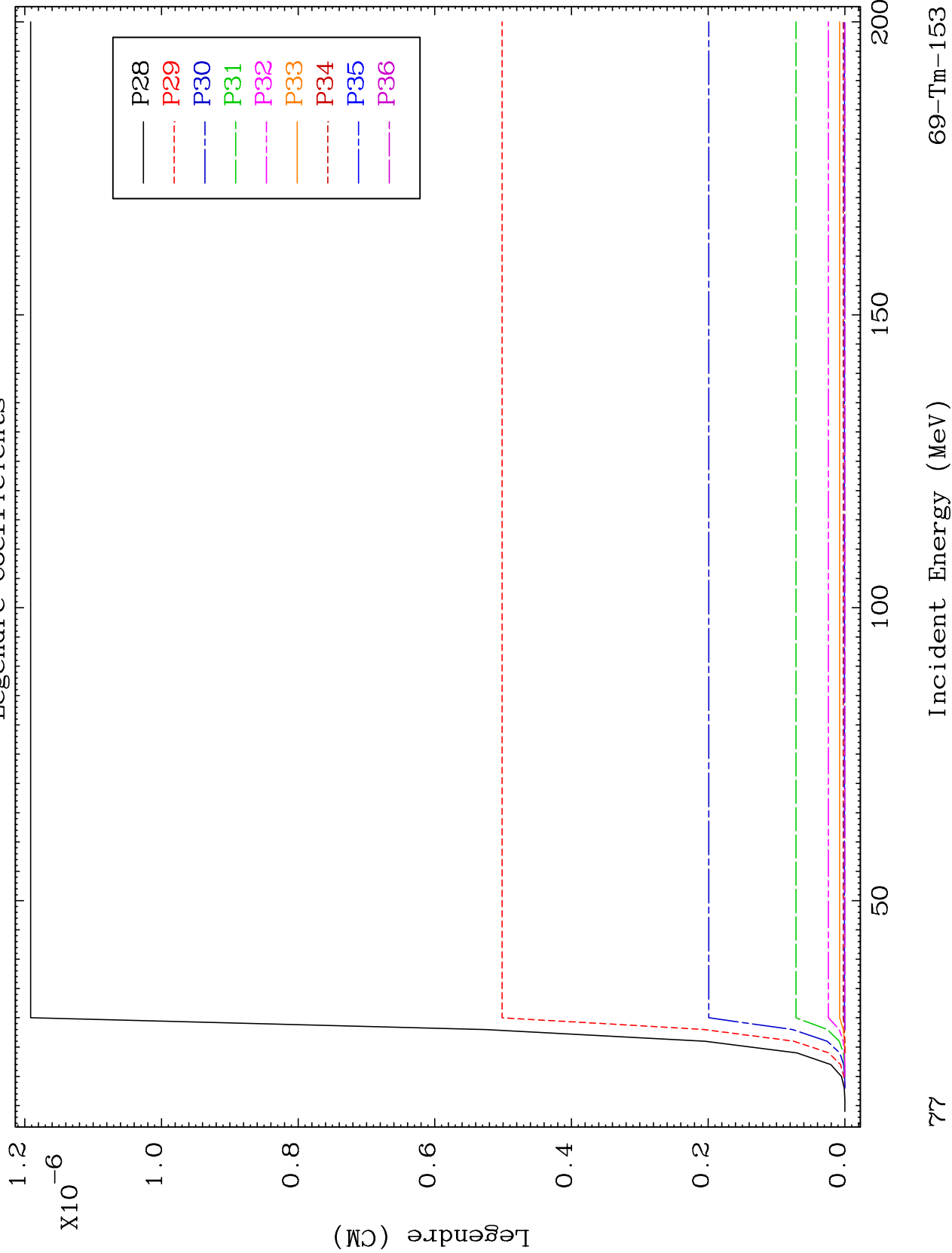
69-Tm-153



MAT 6877

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

69-Tm-153



77

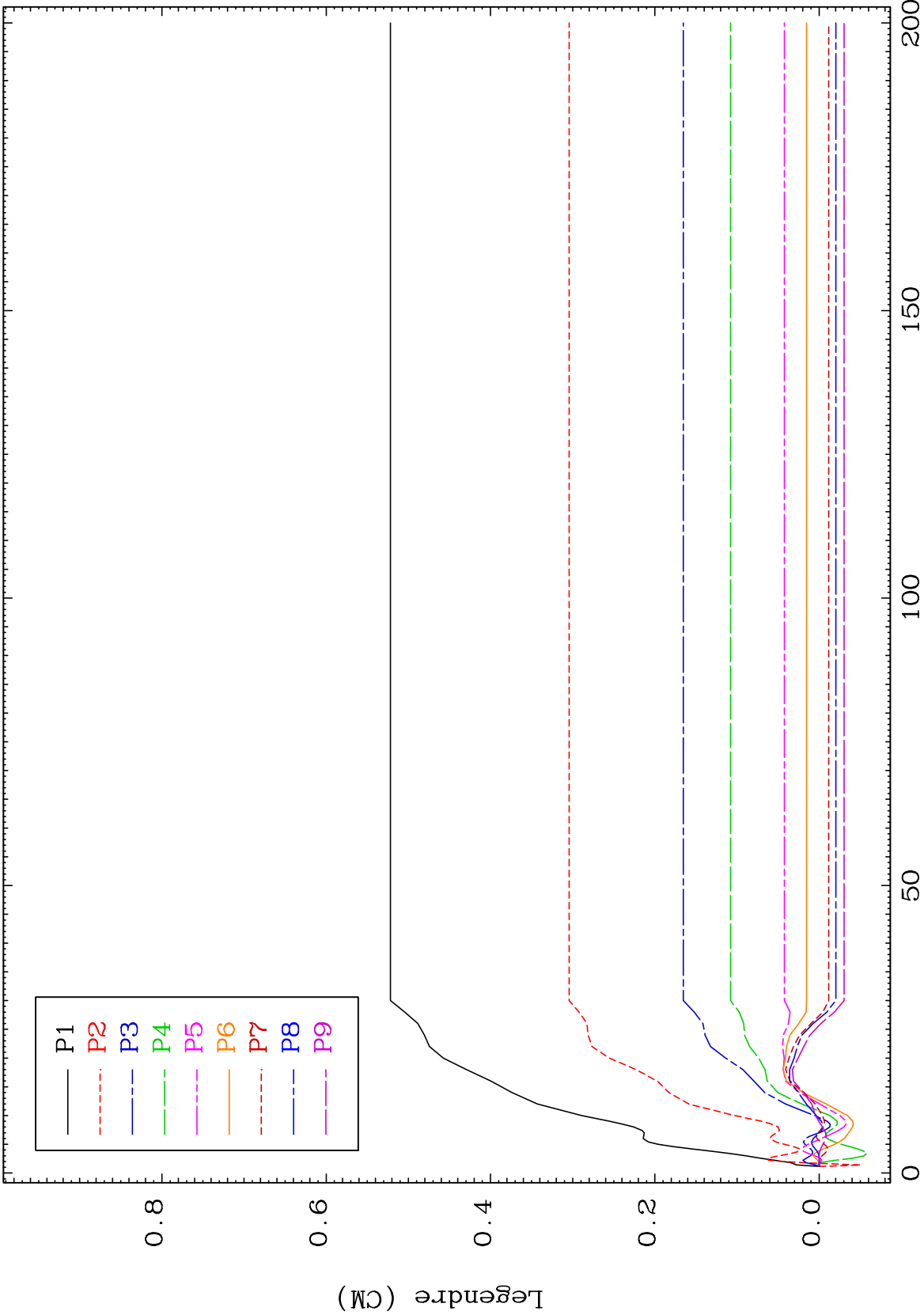
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



78

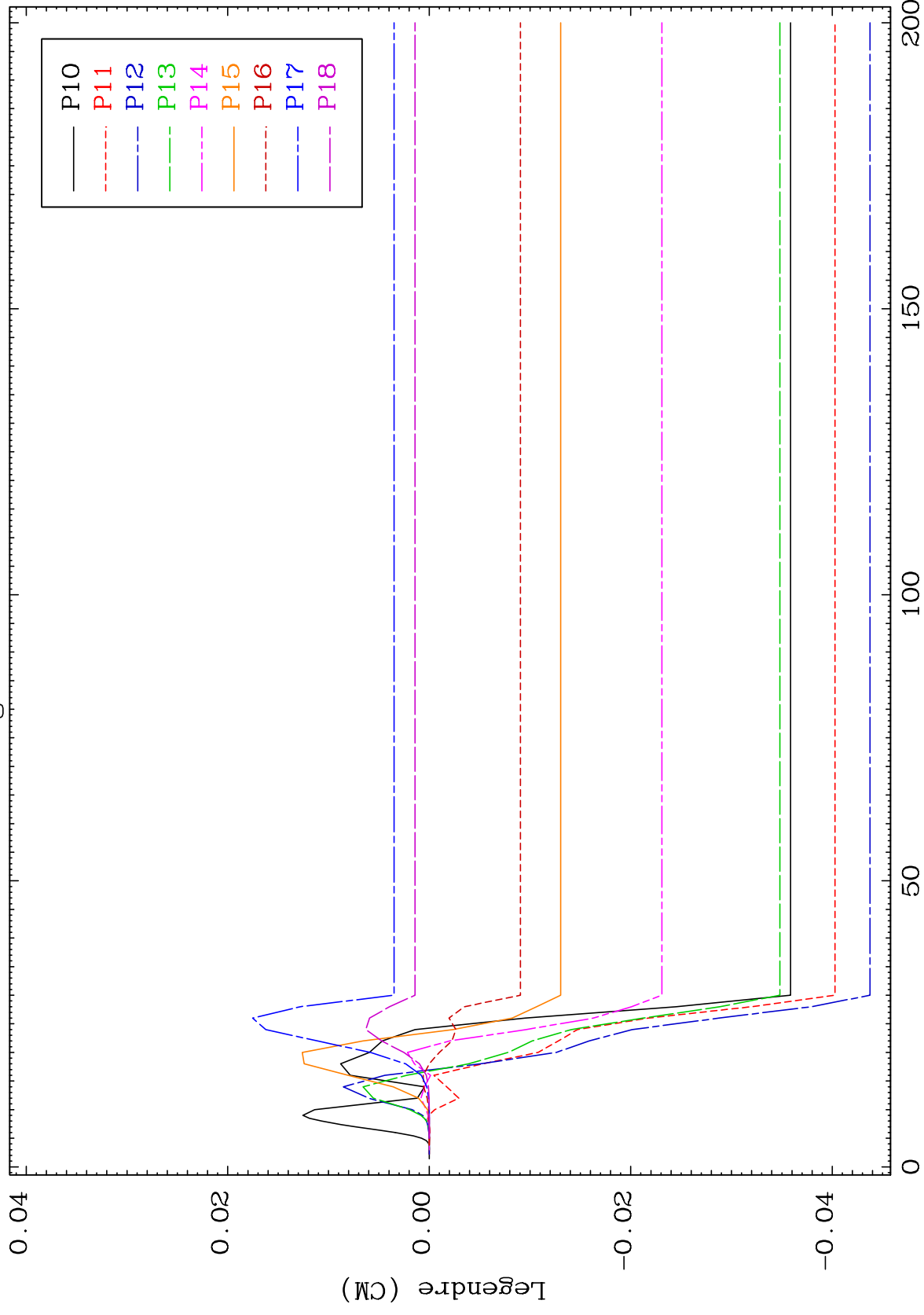
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



79

Incident Energy (MeV)

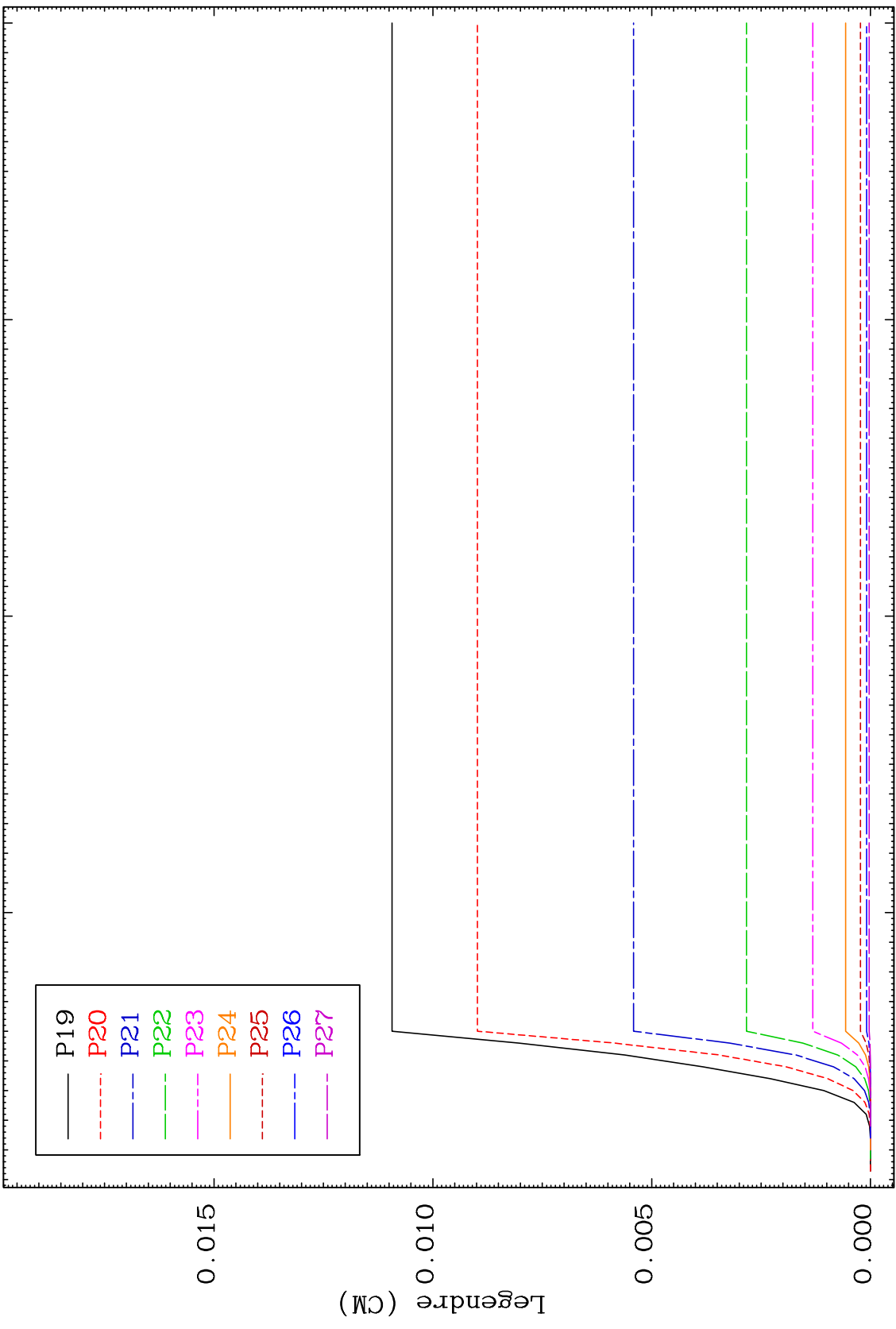
69-Tm-153



MAT 6877

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

69-Tm-153



80

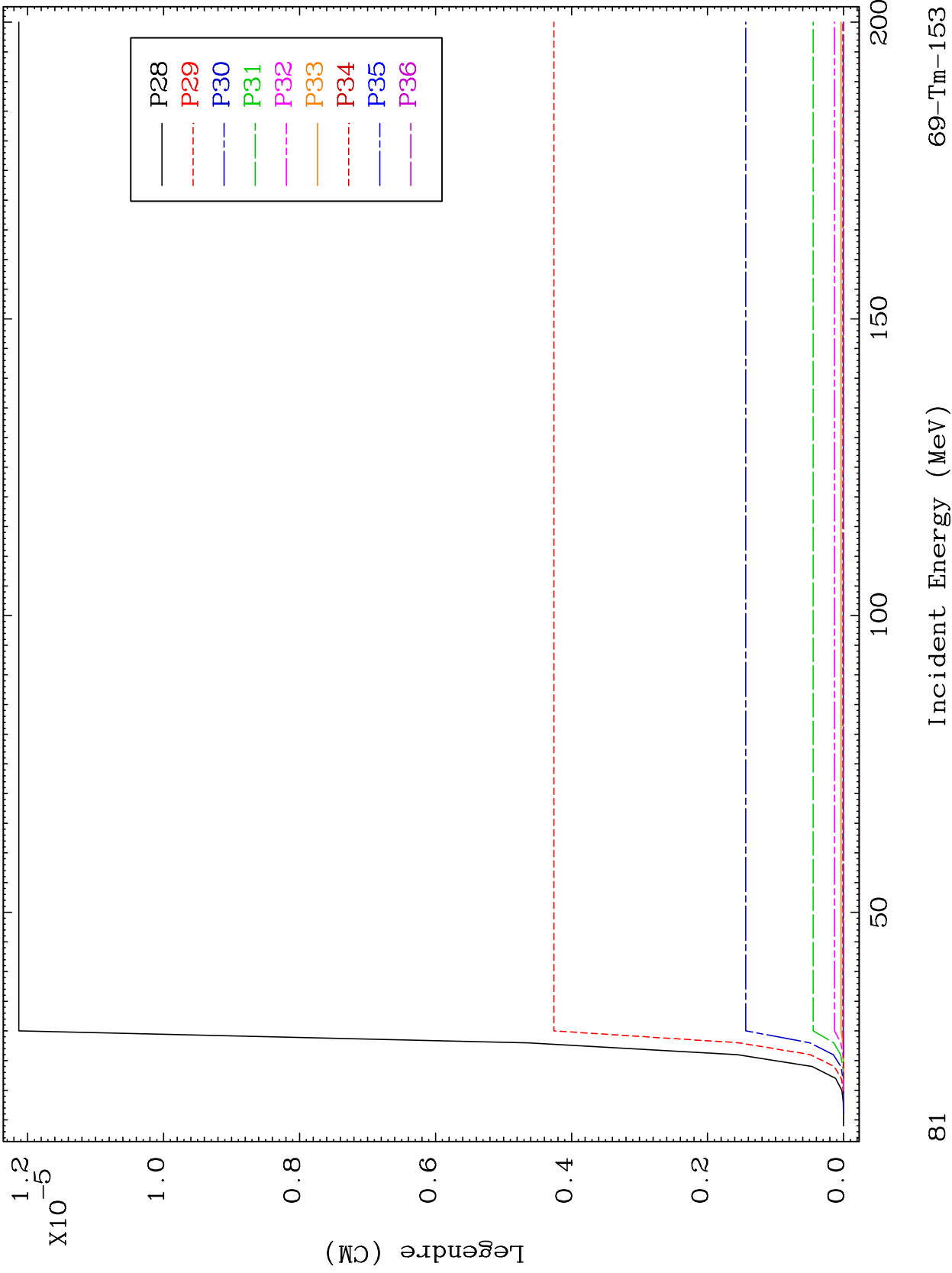
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



81

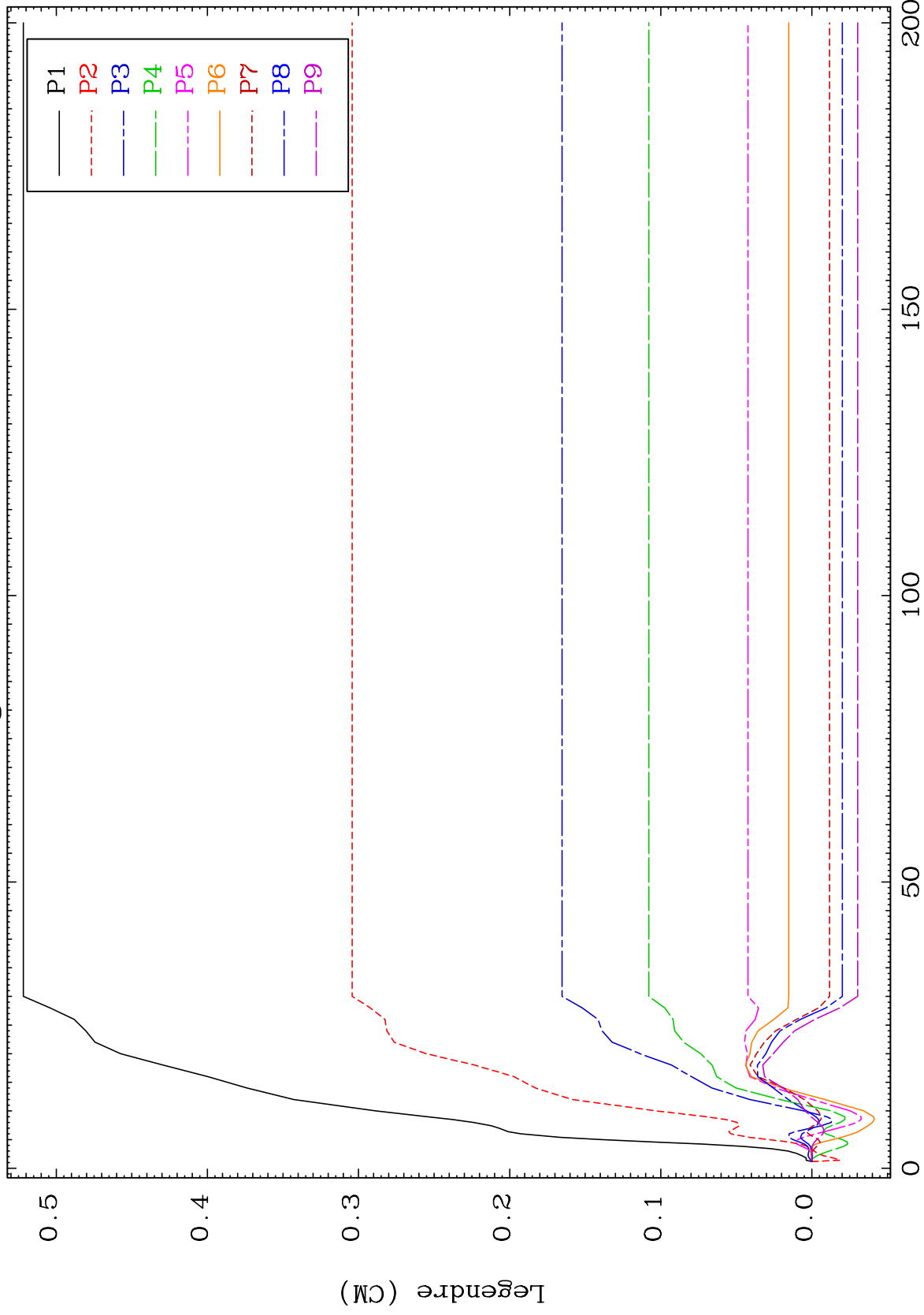
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



82

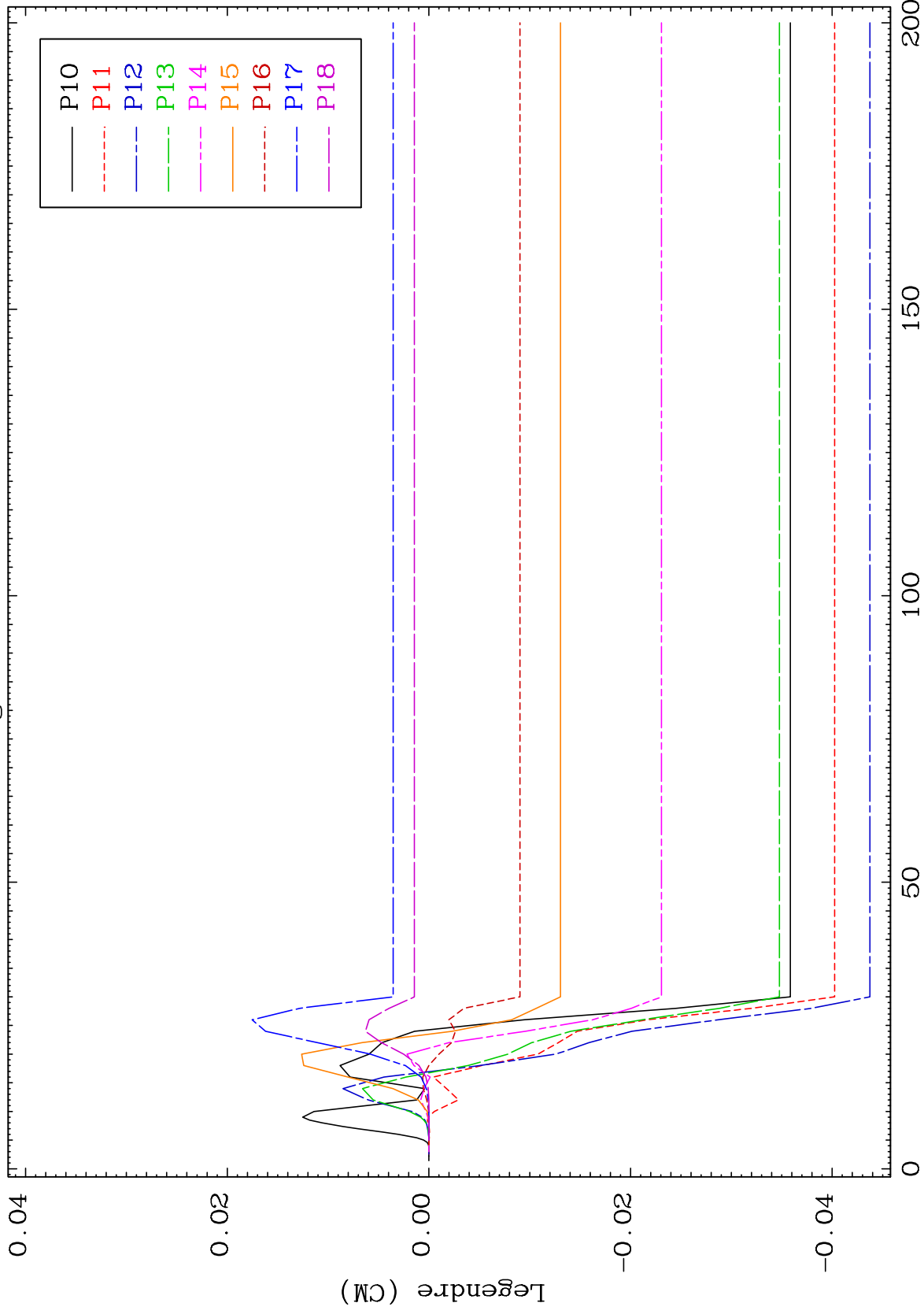
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



83

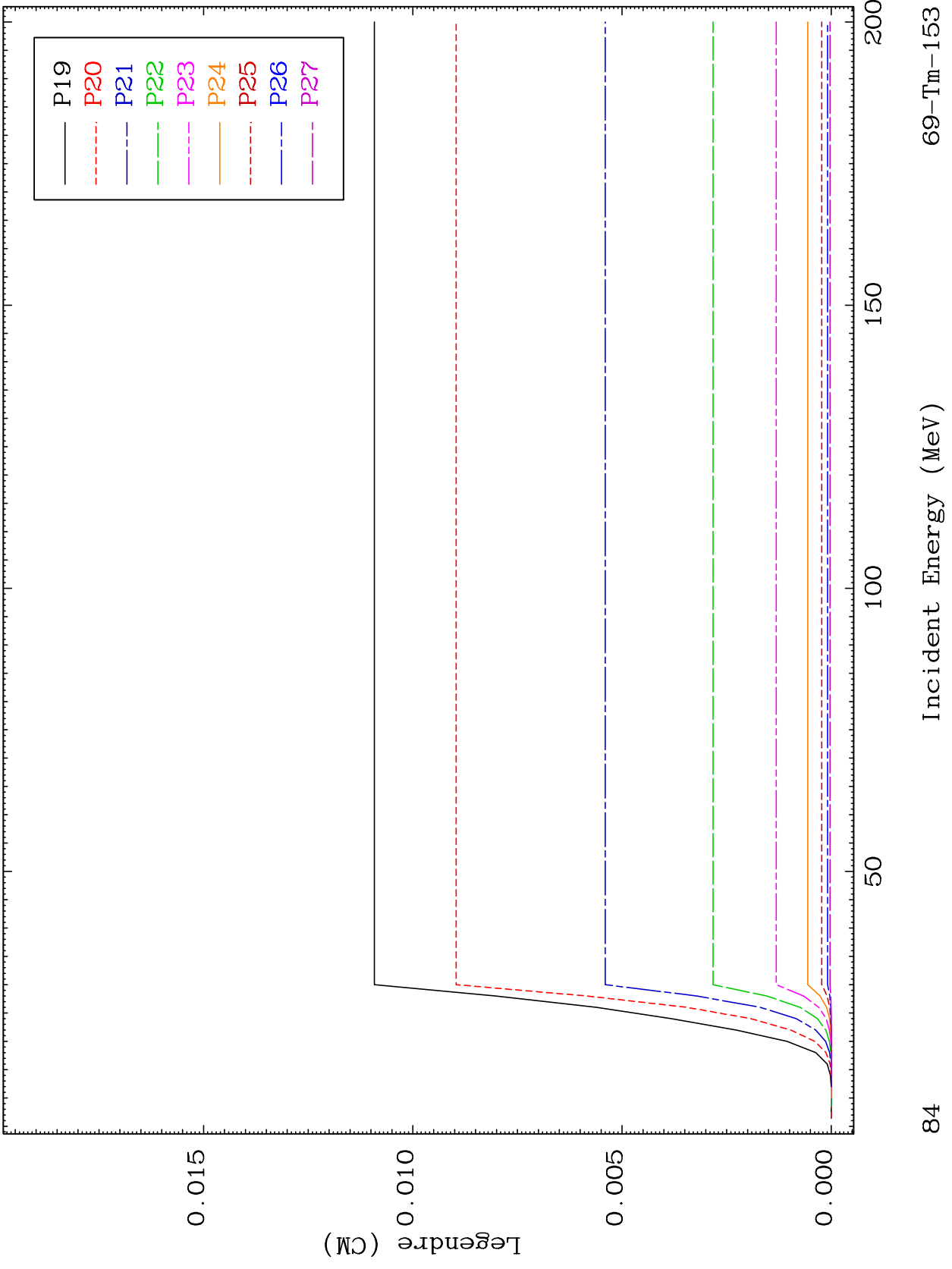
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



84

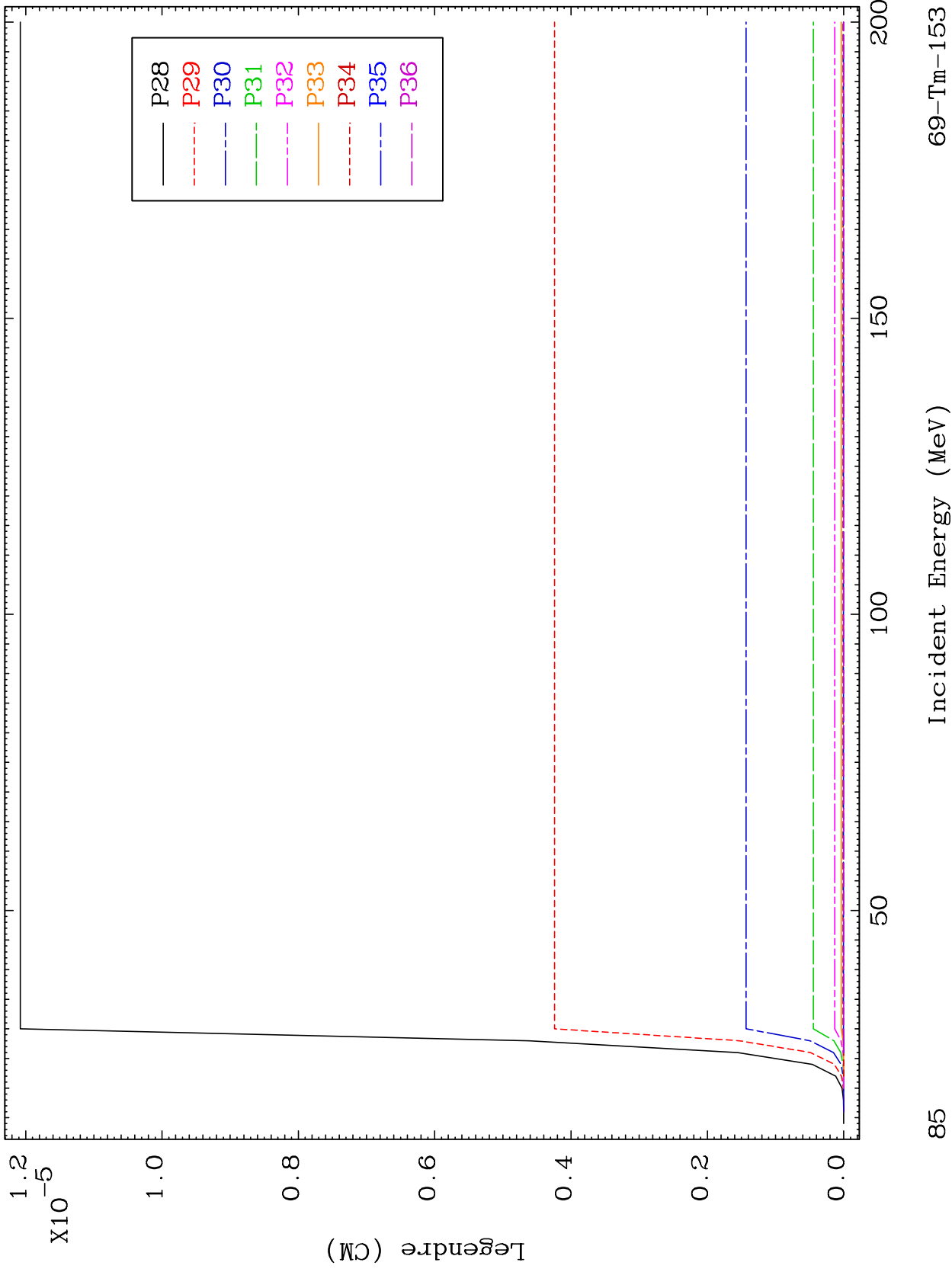
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



85

Incident Energy (MeV)

69-Tm-153

200

150

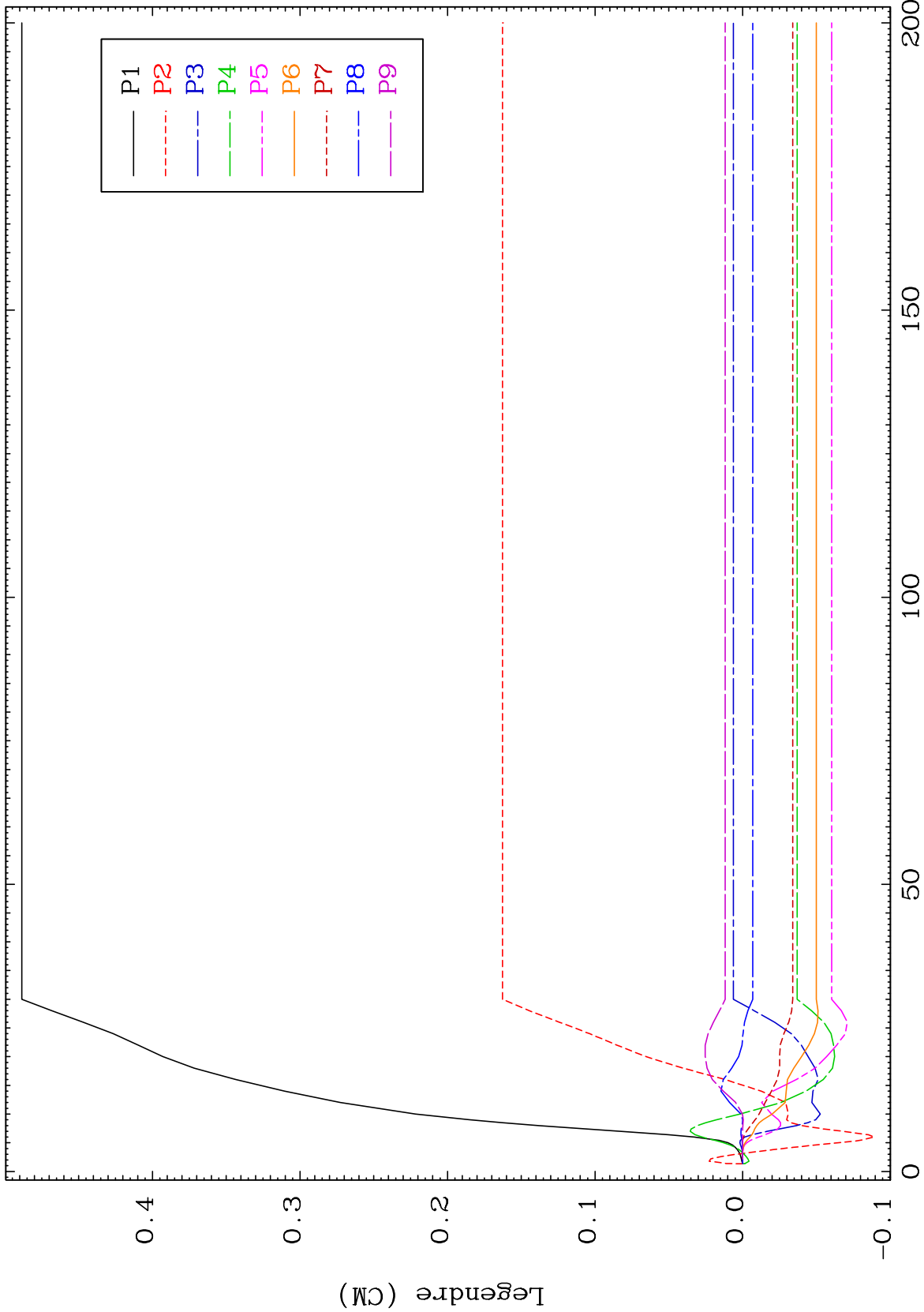
100

50

MAT 6877

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

69-Tm-153



86

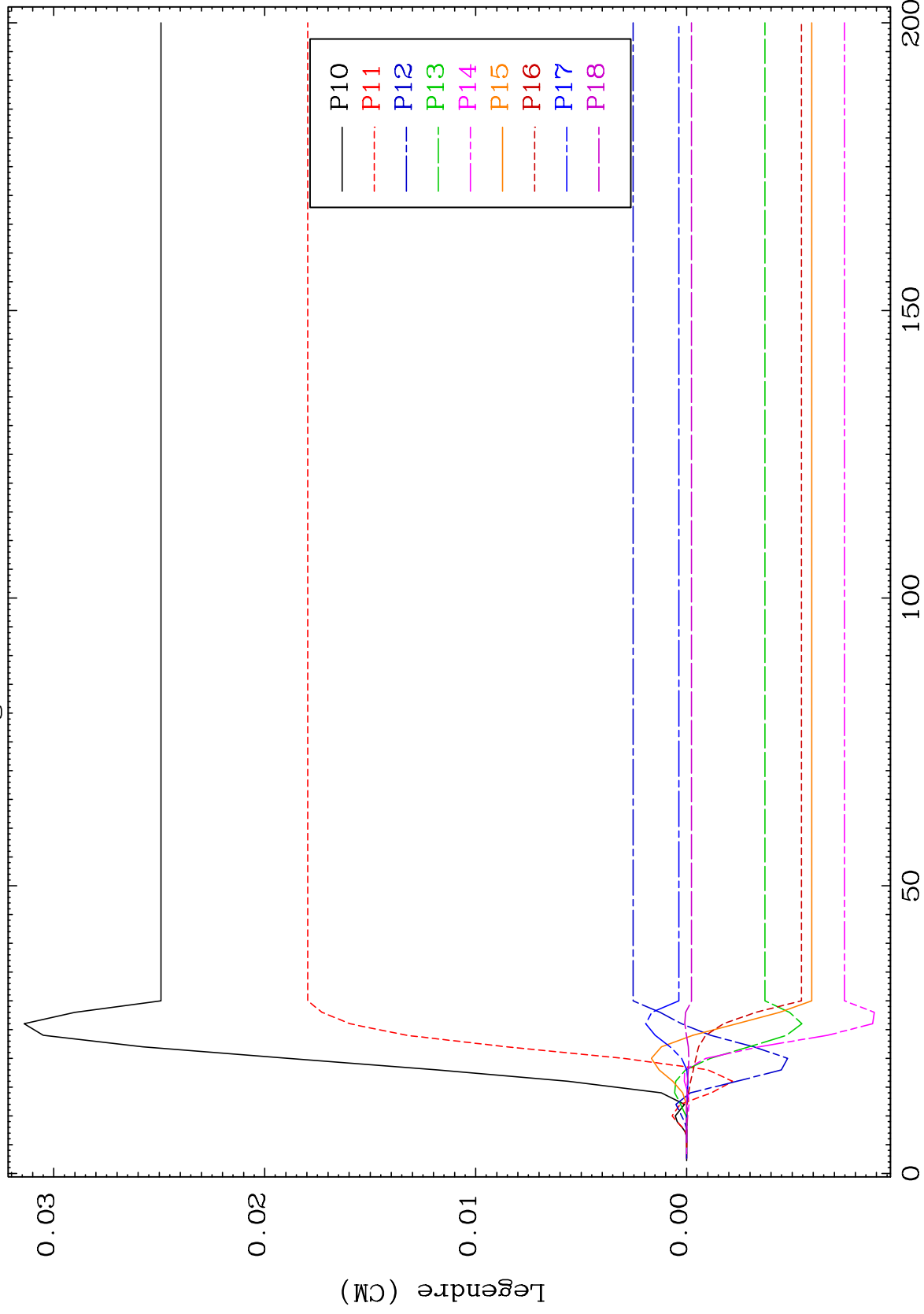
Incident Energy (MeV)

69-Tm-153

MAT 68777

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

69-Tm-153



87

Incident Energy (MeV)

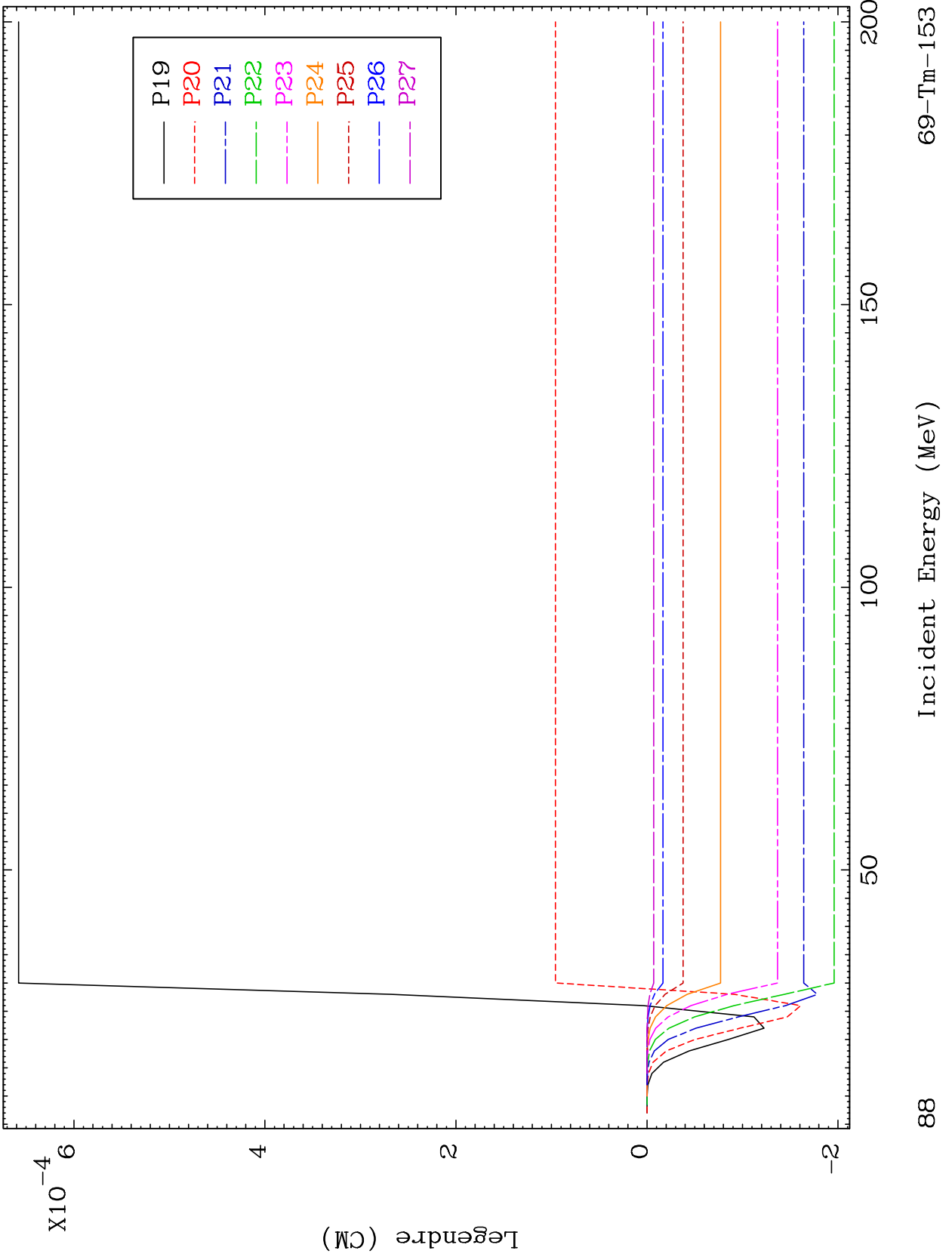
69-Tm-153

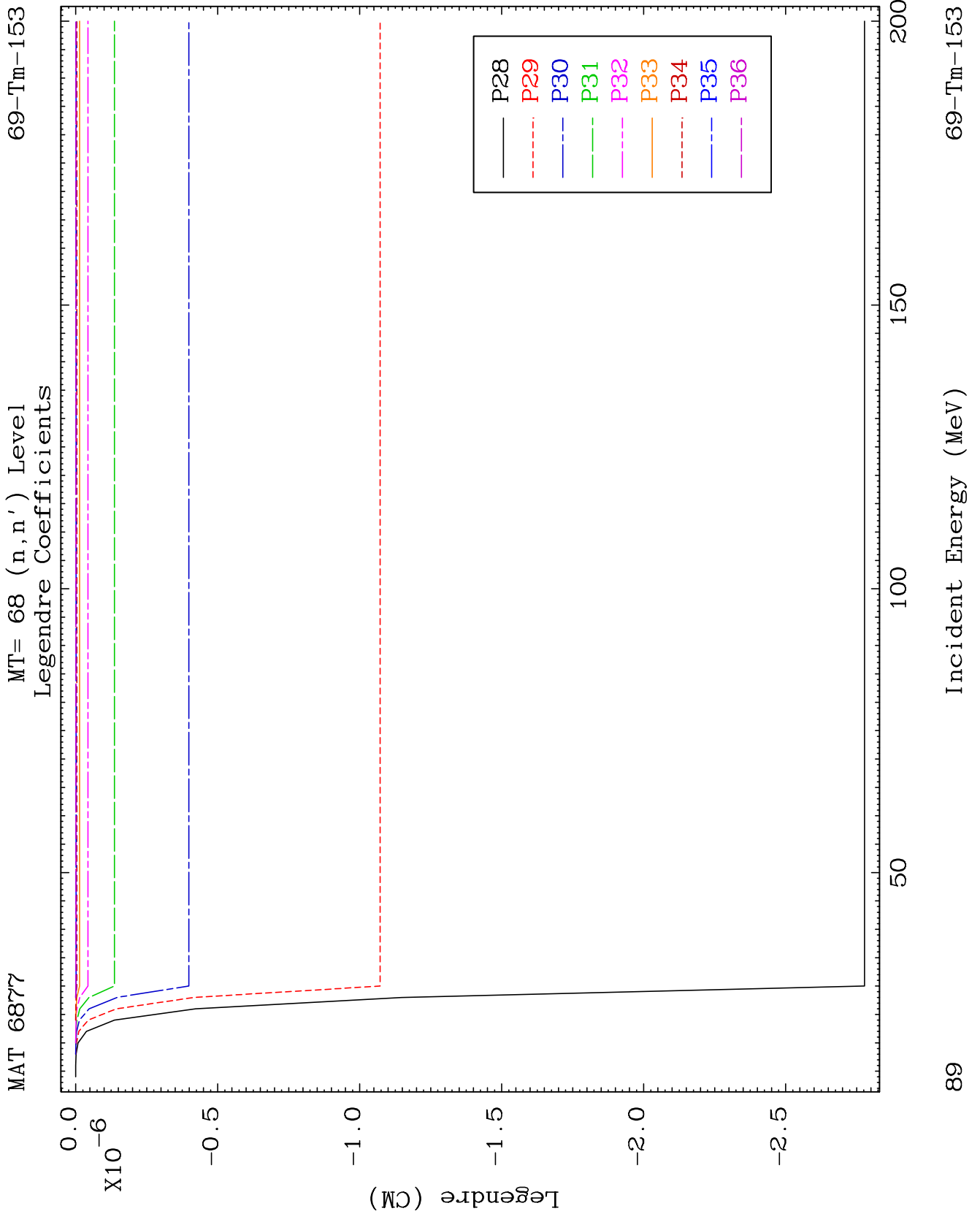


MAT 6877

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

69-Tm-153

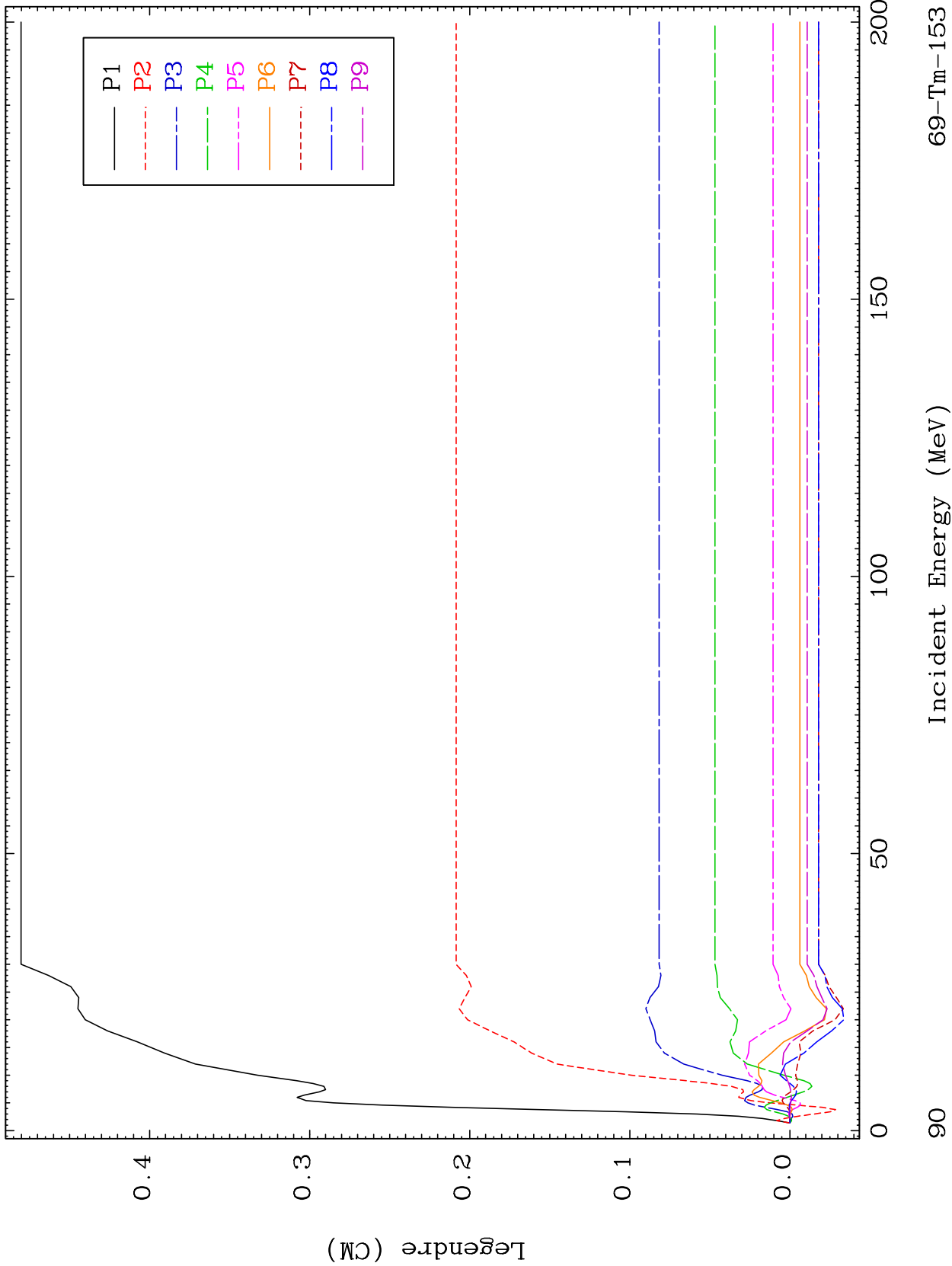




MAT 6877

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

69-Tm-153



69-Tm-153

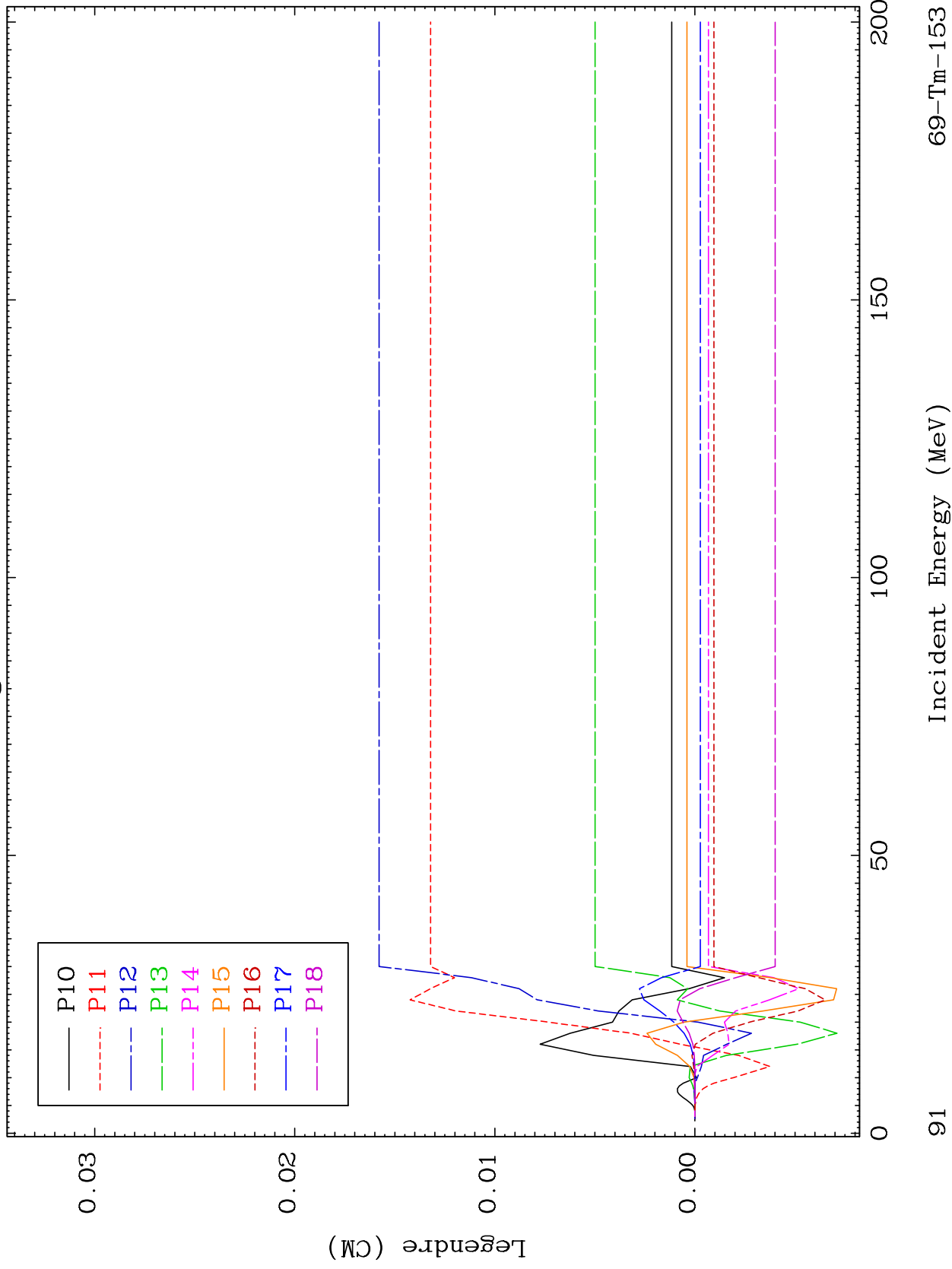
Incident Energy (MeV)

90

MAT 6877

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

69-Tm-153



91

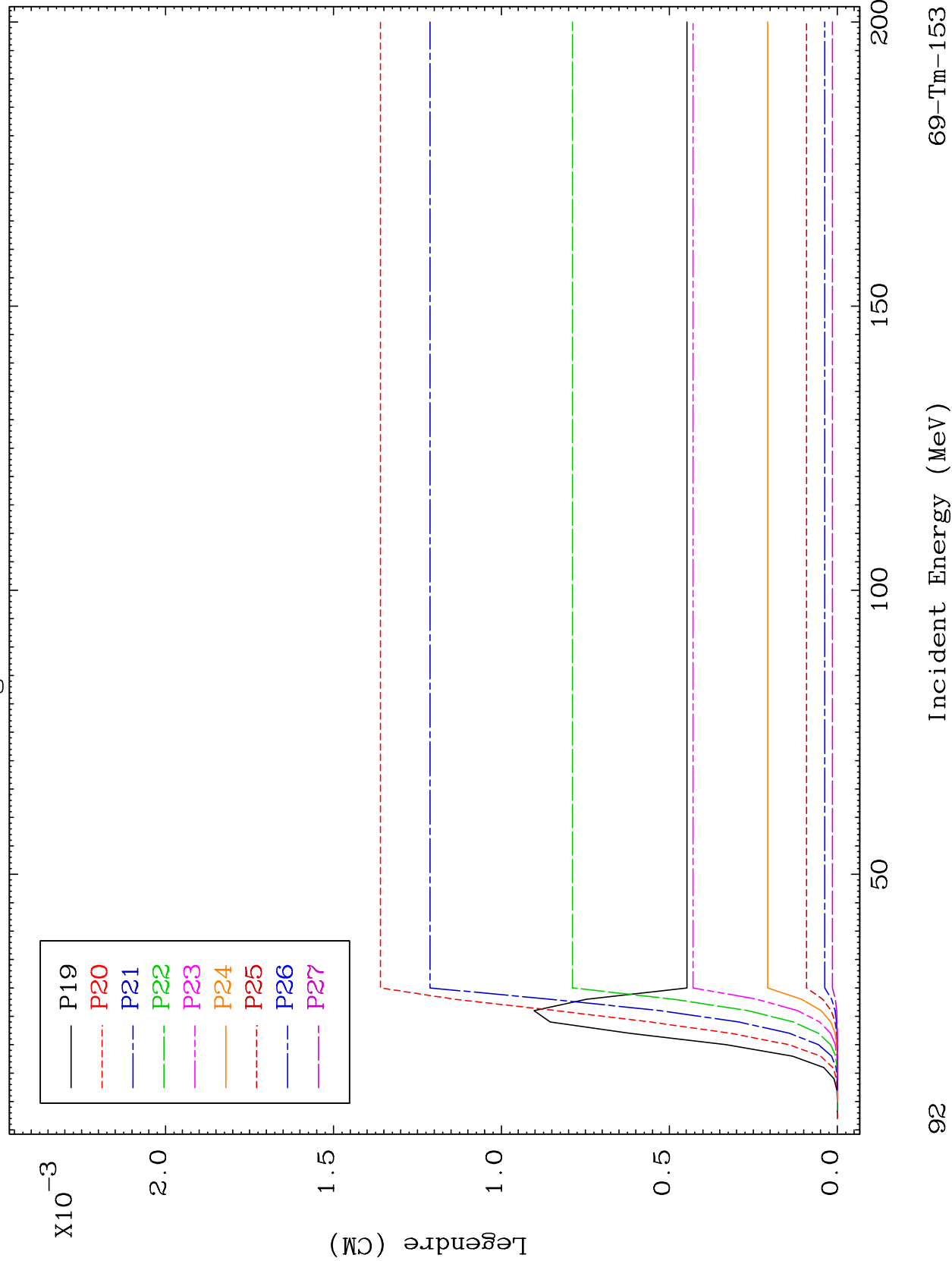
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

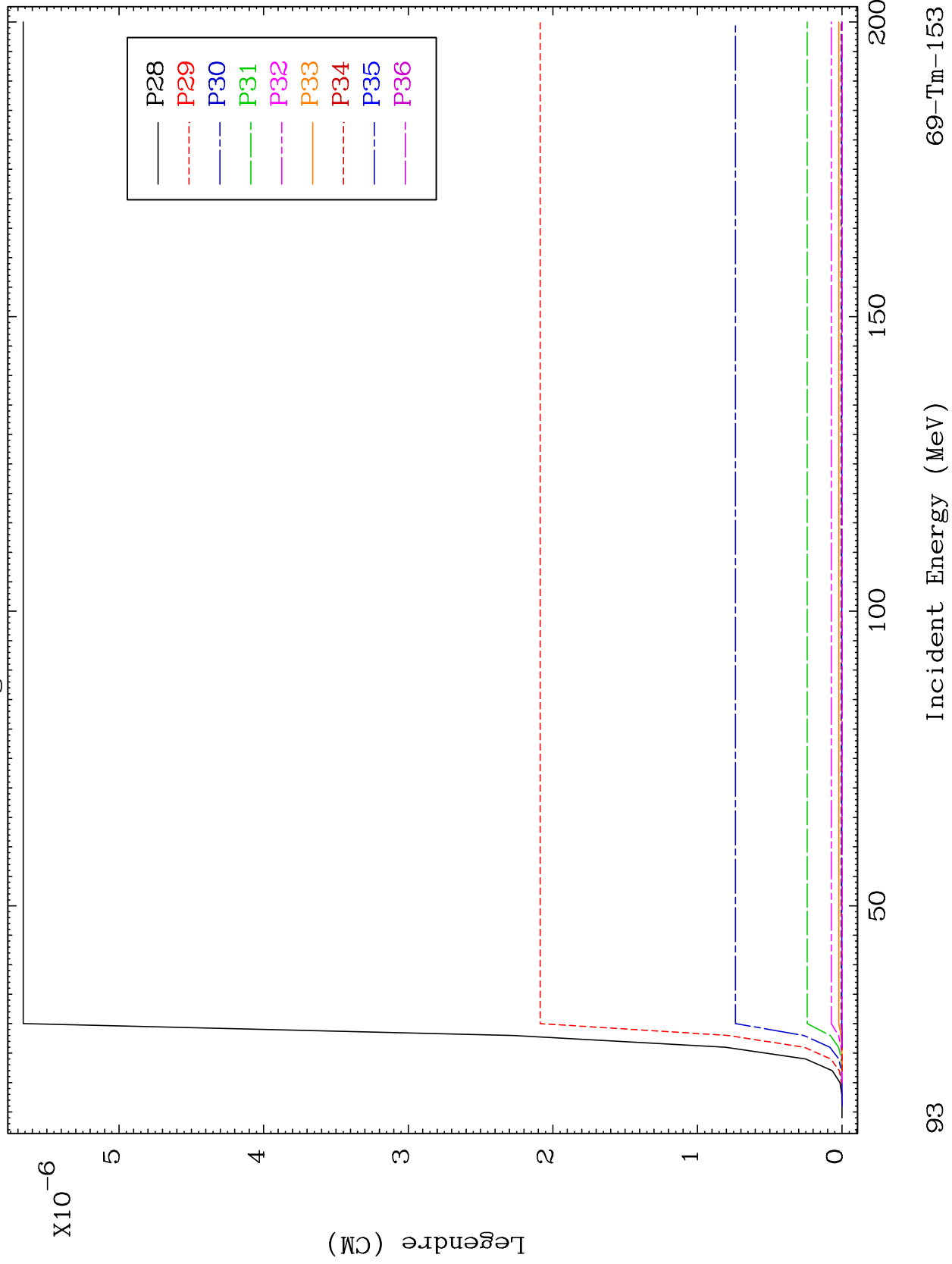
69-Tm-153

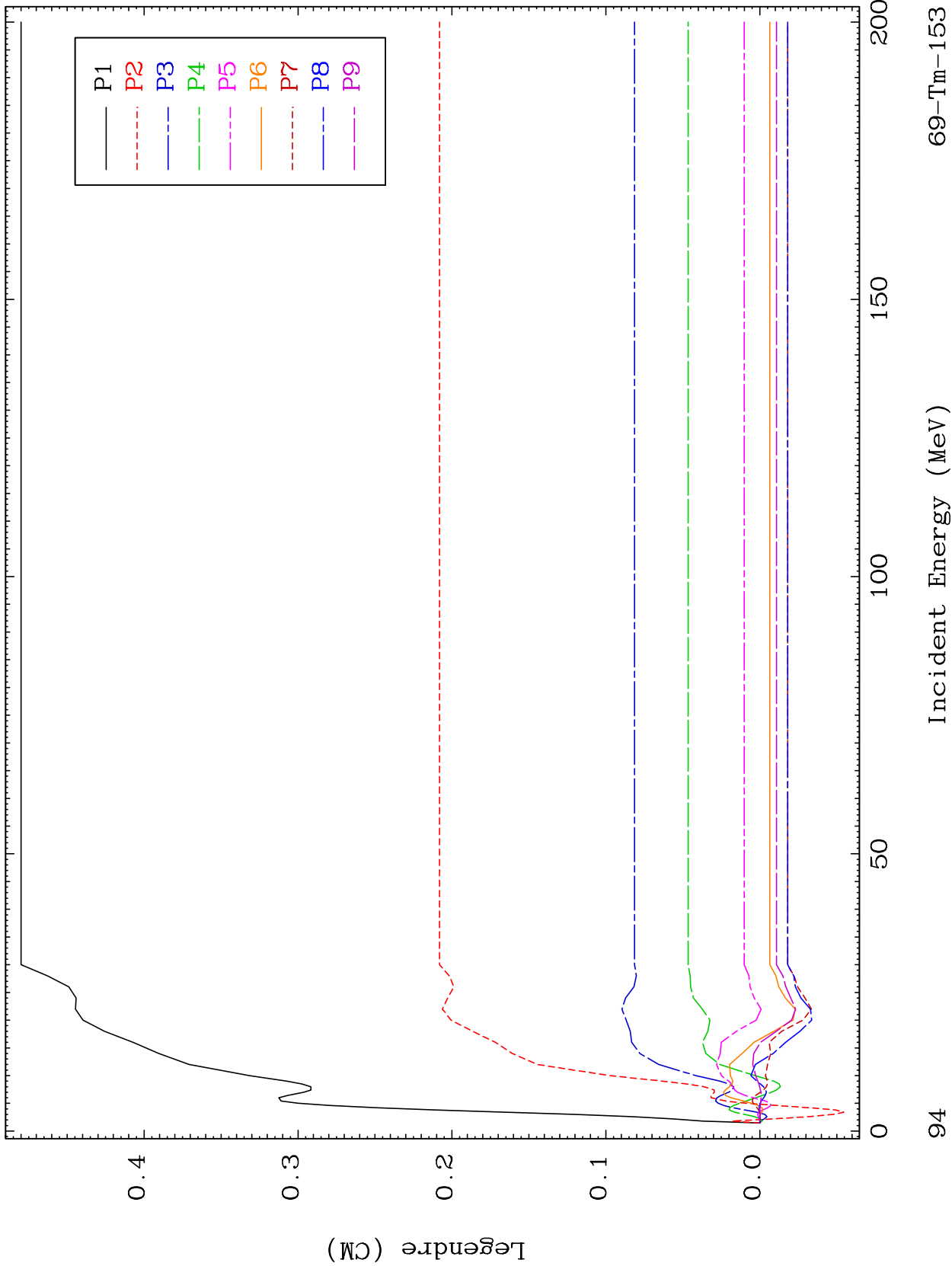


MAT 6877

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

69-Tm-153

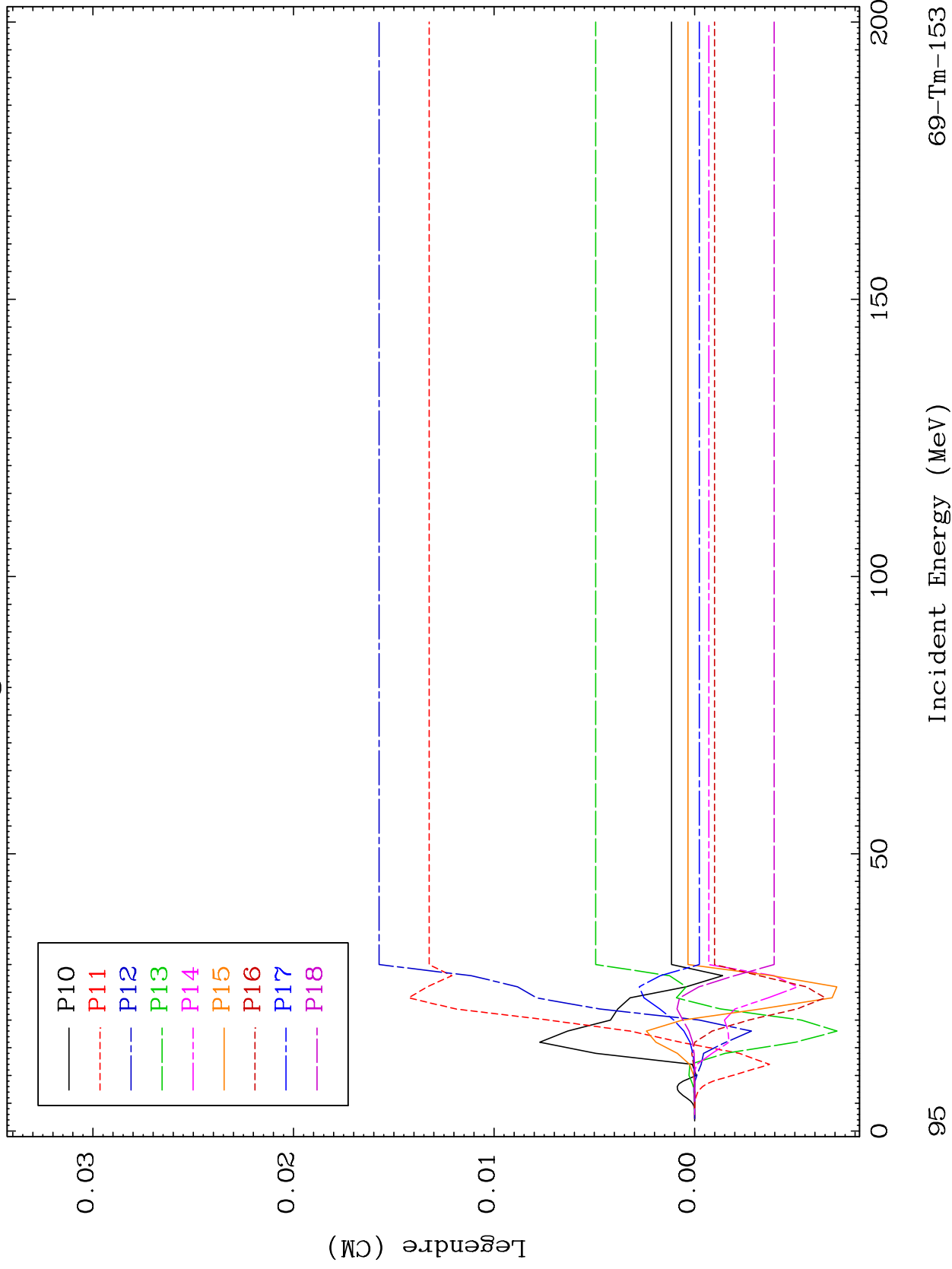




MAT 6877

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

69-Tm-153

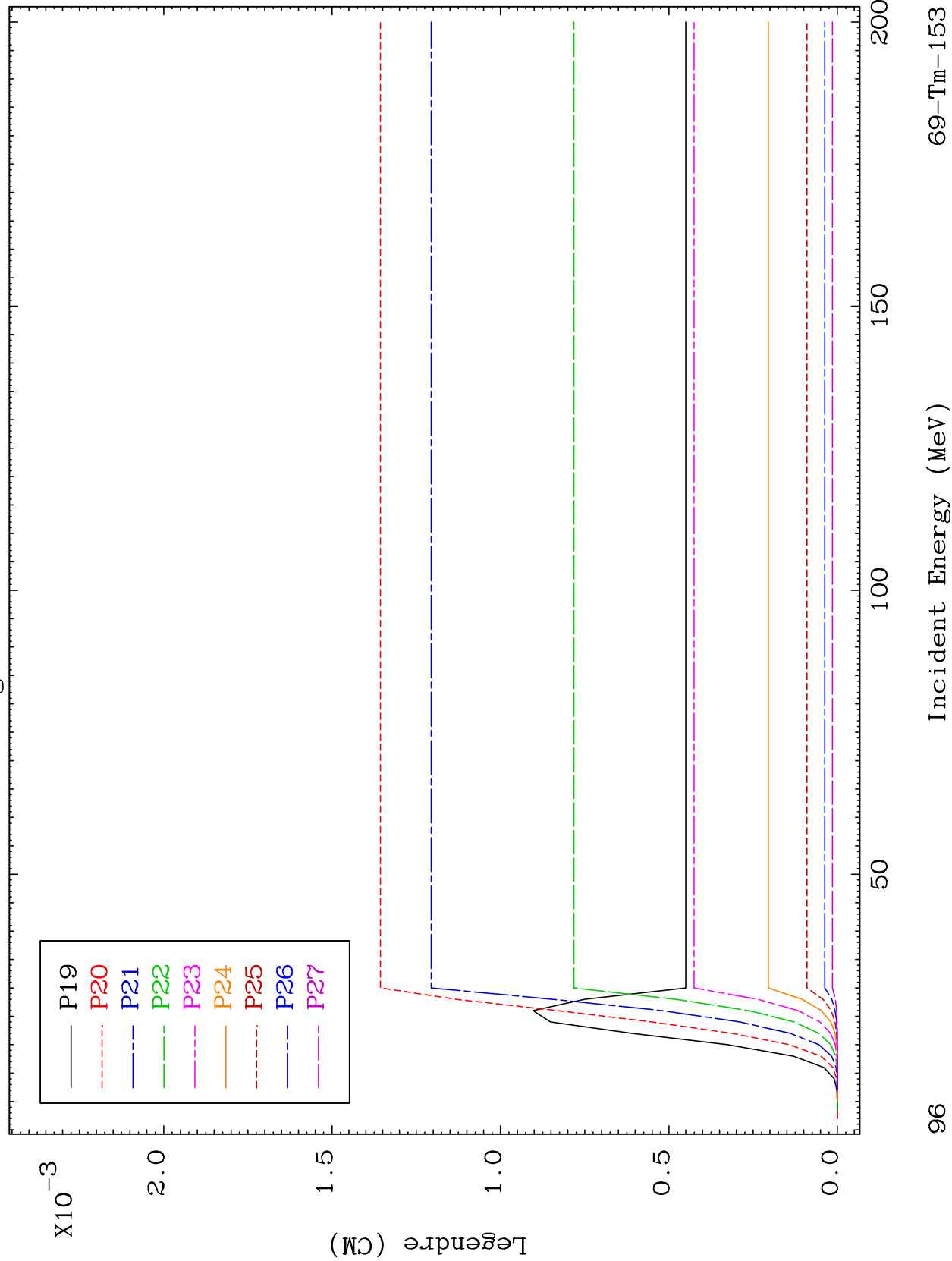


69-Tm-153

Incident Energy (MeV)

95

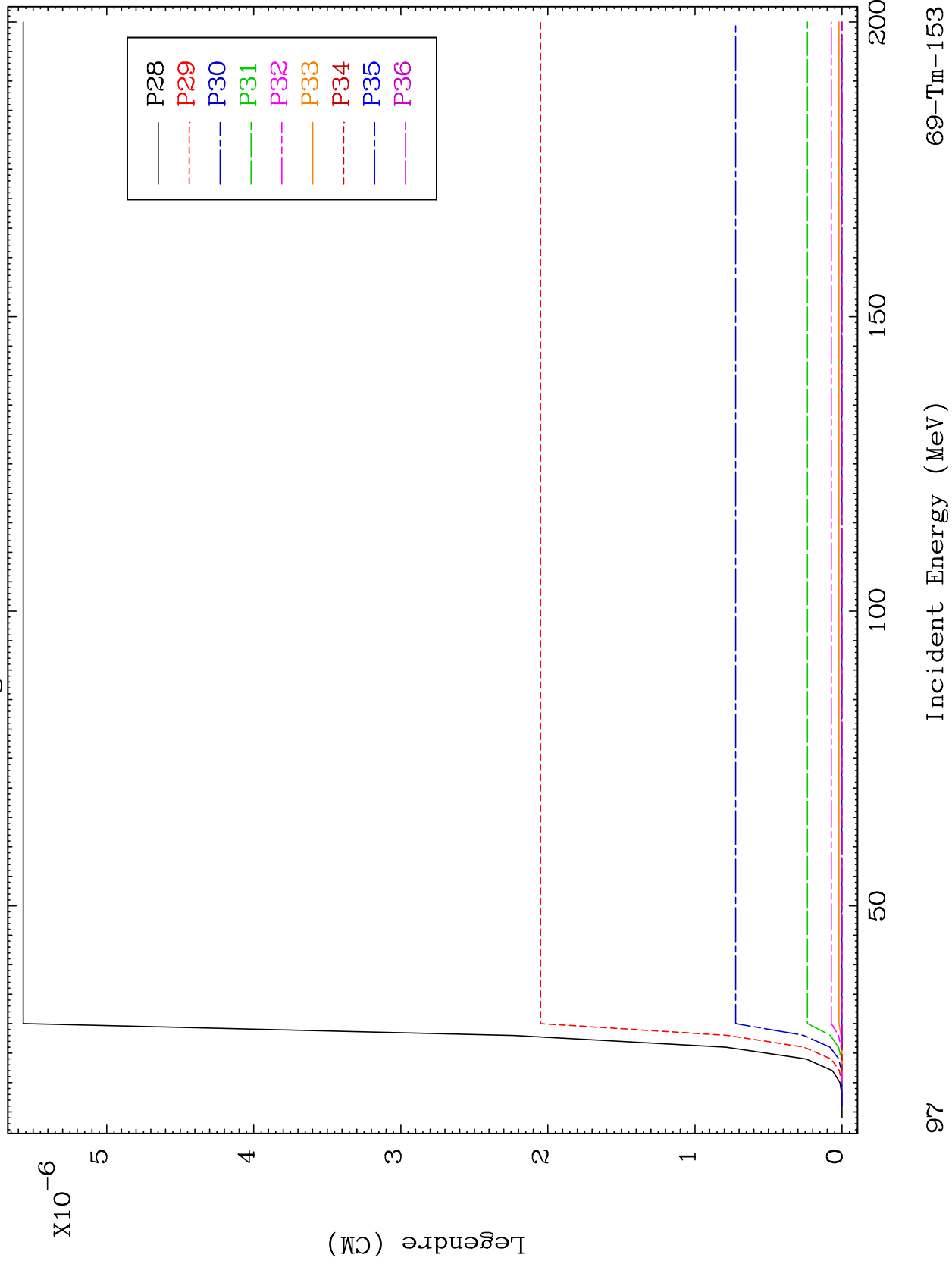




MAT 6877

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

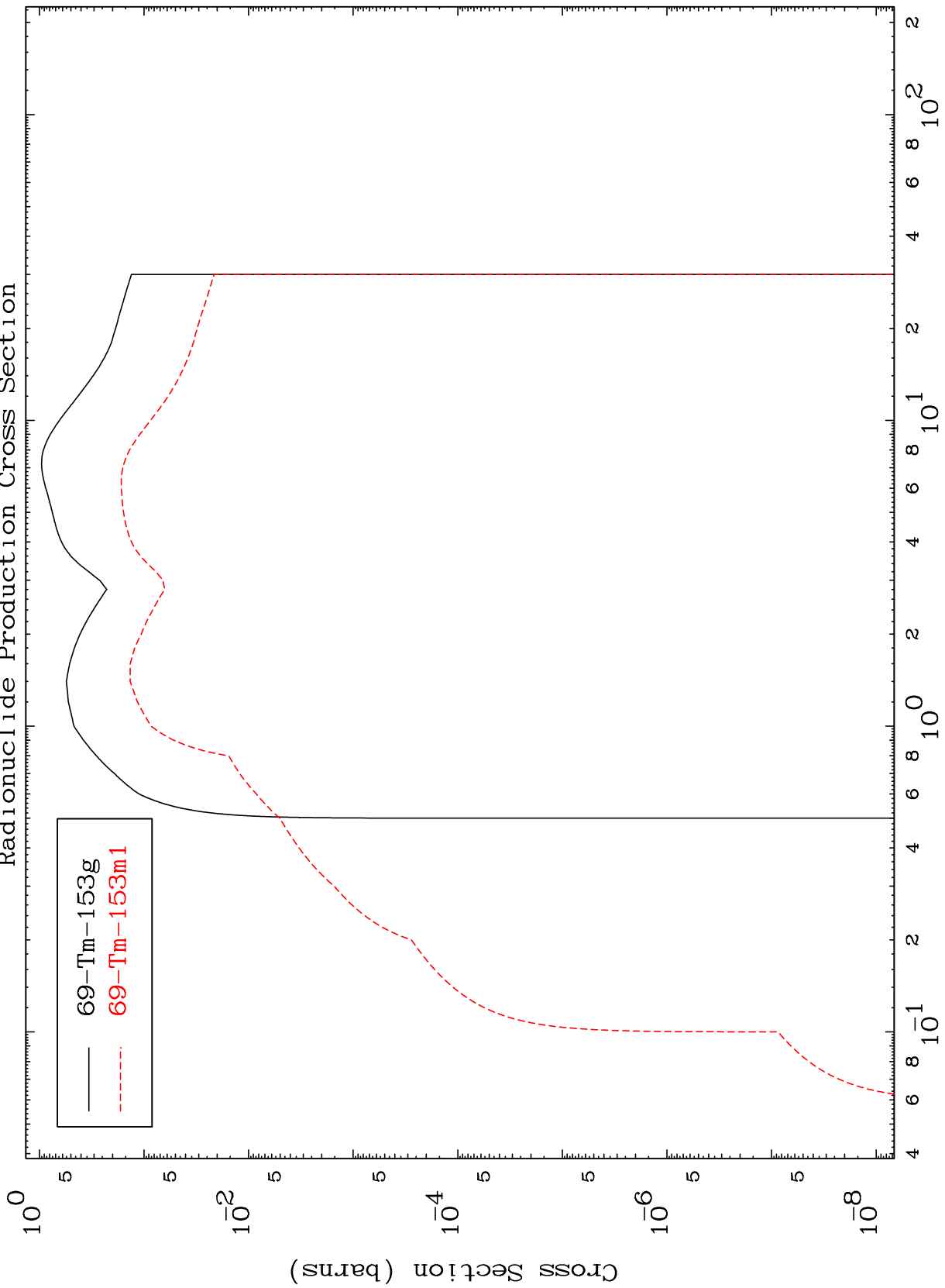
69-Tm-153



MAT 6877

69-Tm-153

Inelastic  
Radionuclide Production Cross Section



69-Tm-153g  
69-Tm-153m1

98

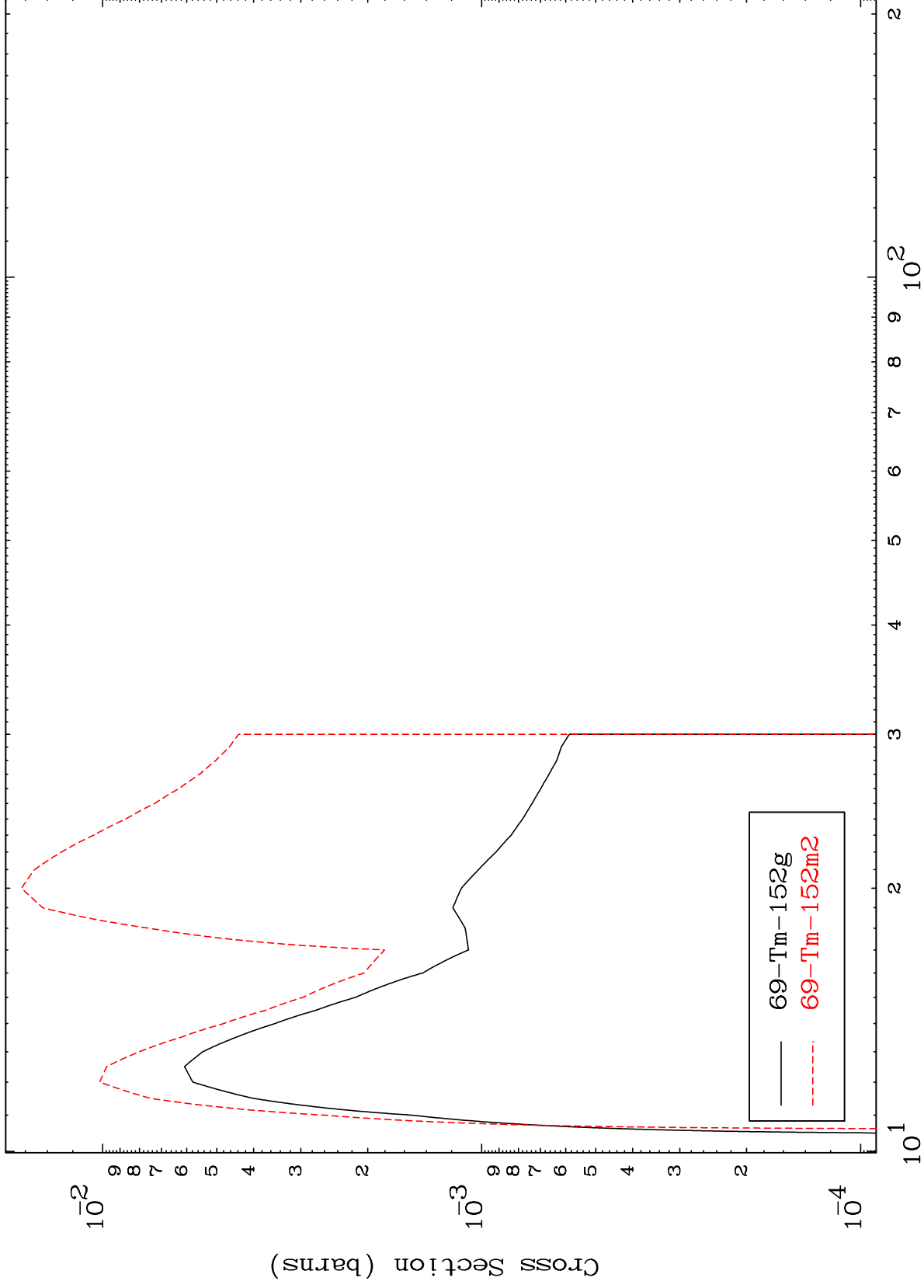
69-Tm-153

Incident Energy (MeV)

MAT 6877

69-Tm-153

Radionuclide Production Cross Section  
(n,2n)



69-Tm-153

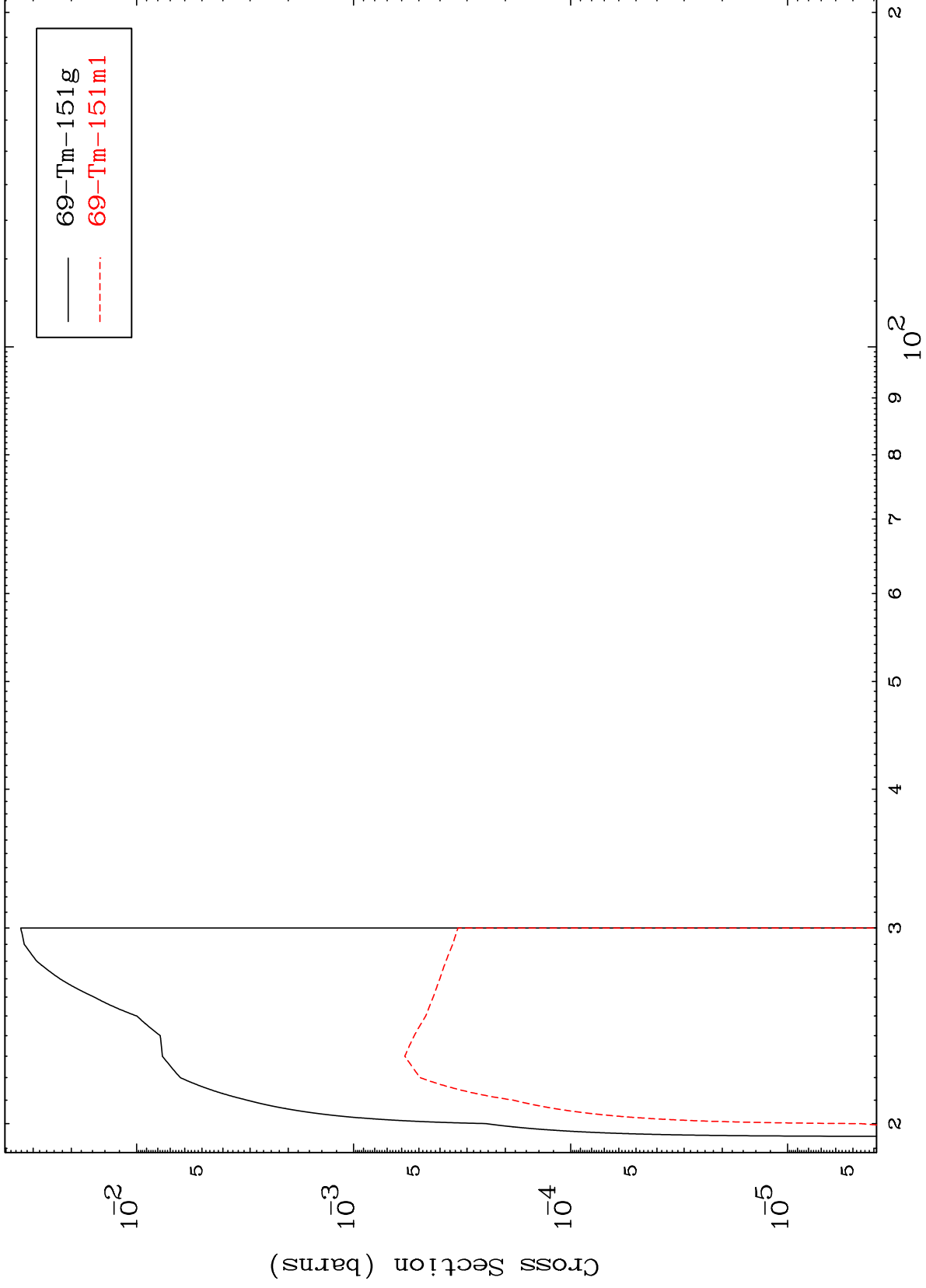
Incident Energy (MeV)

99

MAT 6877

69-Tm-153

(n,3n)  
Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

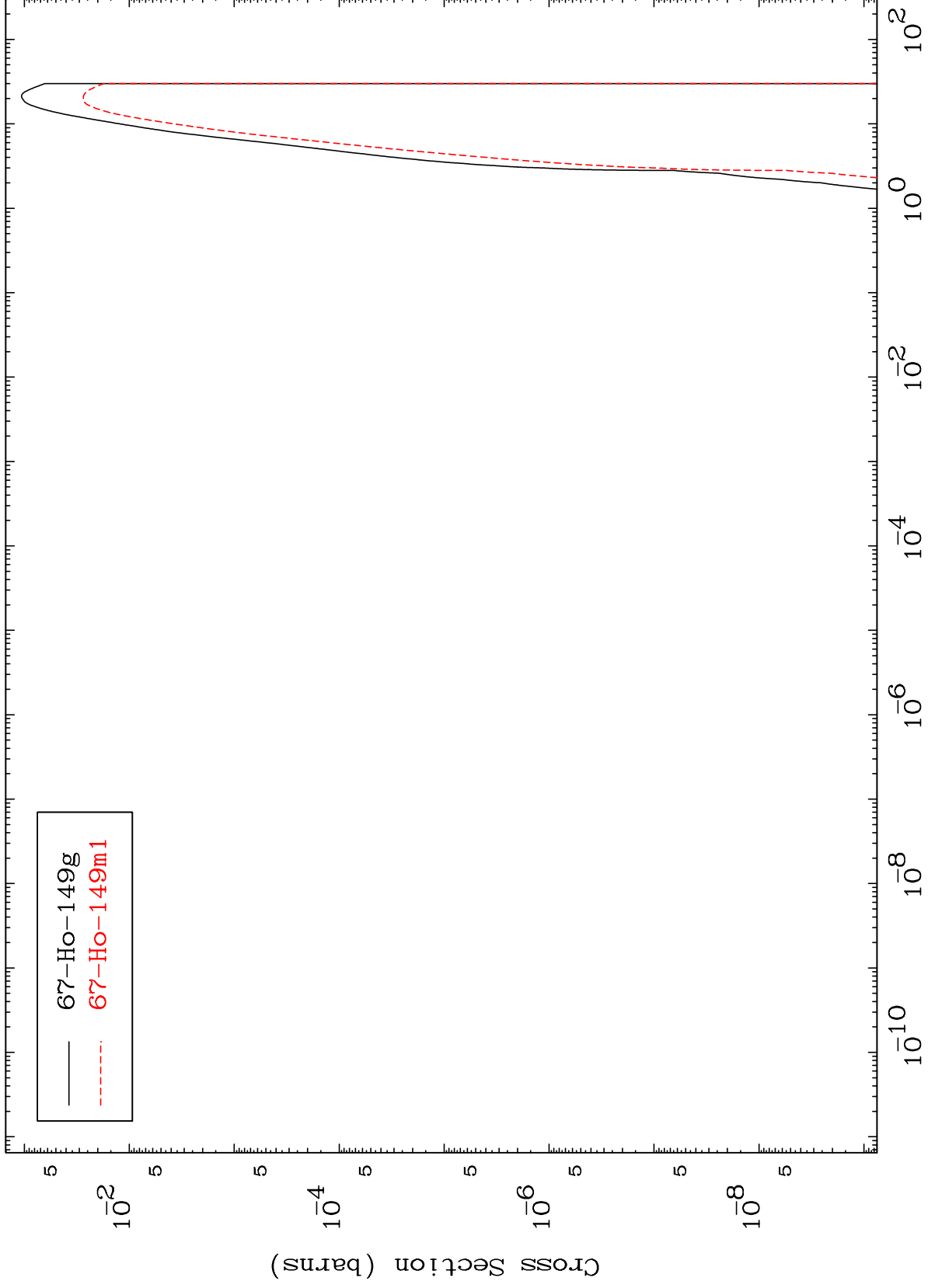
100

MAT 6877

$(n, n') \alpha$

$^{69}\text{Tm-153}$

Radionuclide Production Cross Section



101

Incident Energy (MeV)

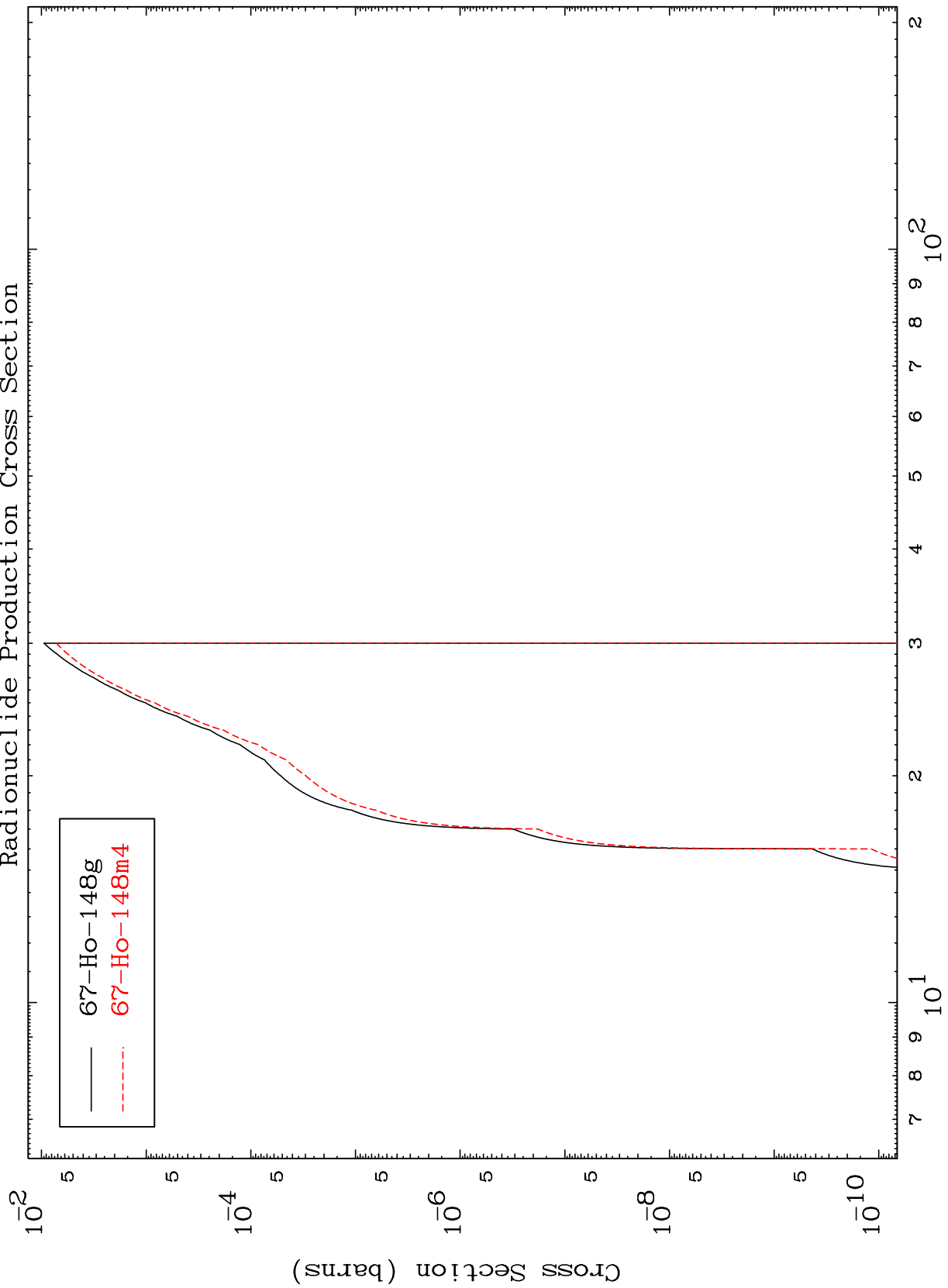
$^{69}\text{Tm-153}$

MAT 68777

$(n,2n) \alpha$

69-Tm-153

Radionuclide Production Cross Section



102

Incident Energy (MeV)

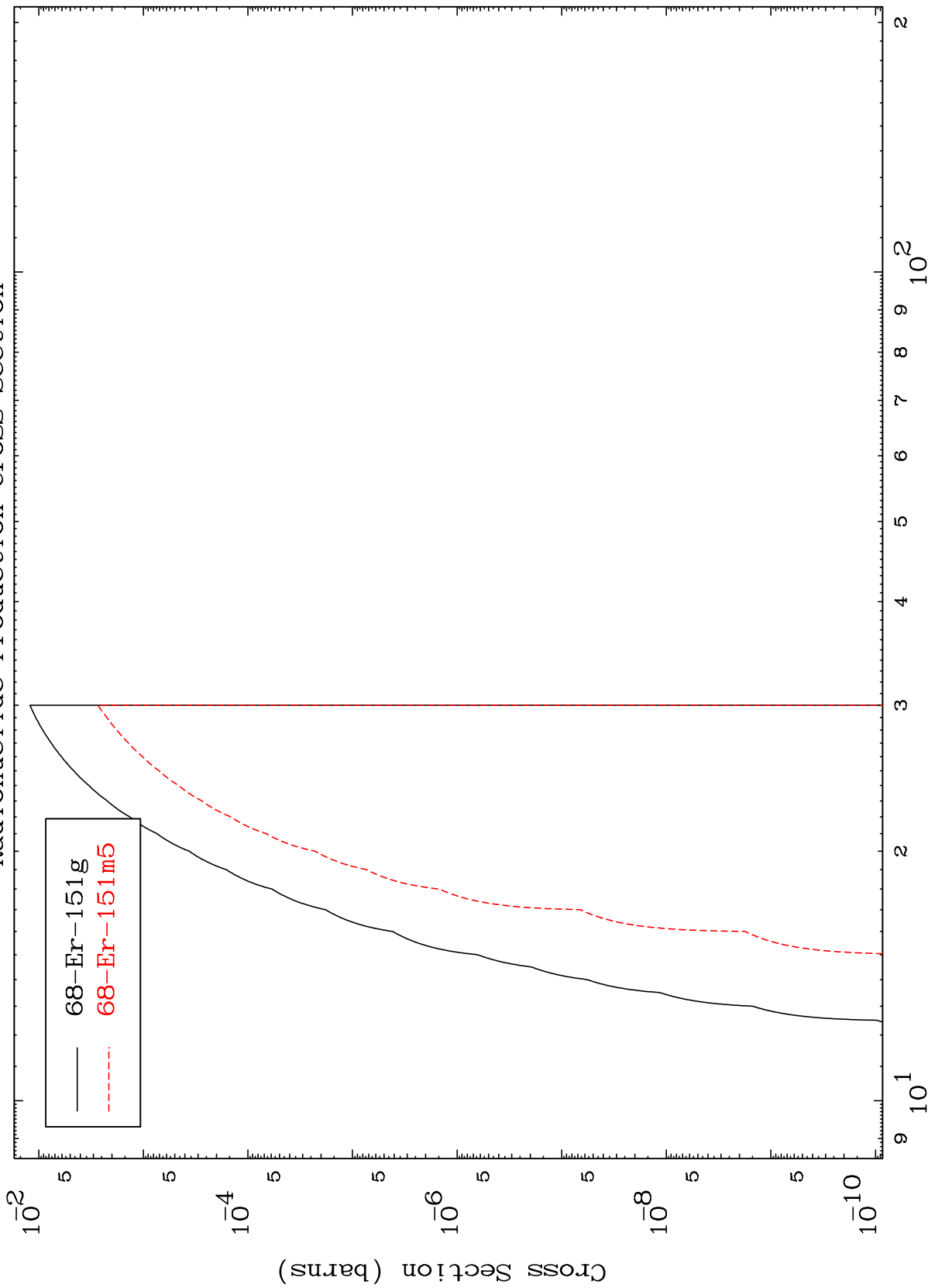
69-Tm-153

MAT 6877

(n,n') d

69-Tm-153

Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m5

Incident Energy (MeV)

69-Tm-153

103

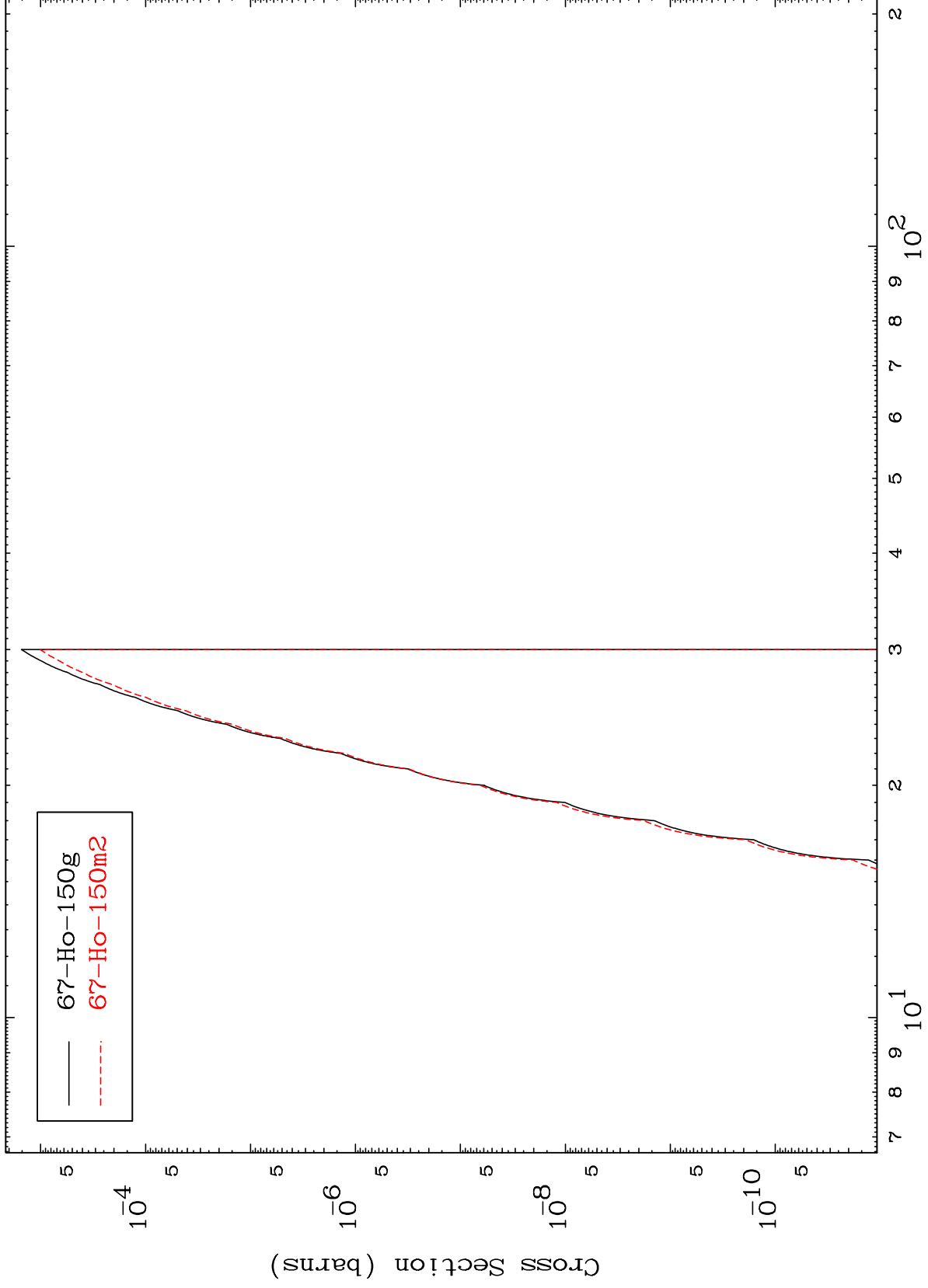


MAT 6877

(n,n') He-3

69-Tm-153

Radionuclide Production Cross Section



67-Ho-150g  
67-Ho-150m2

104

Incident Energy (MeV)

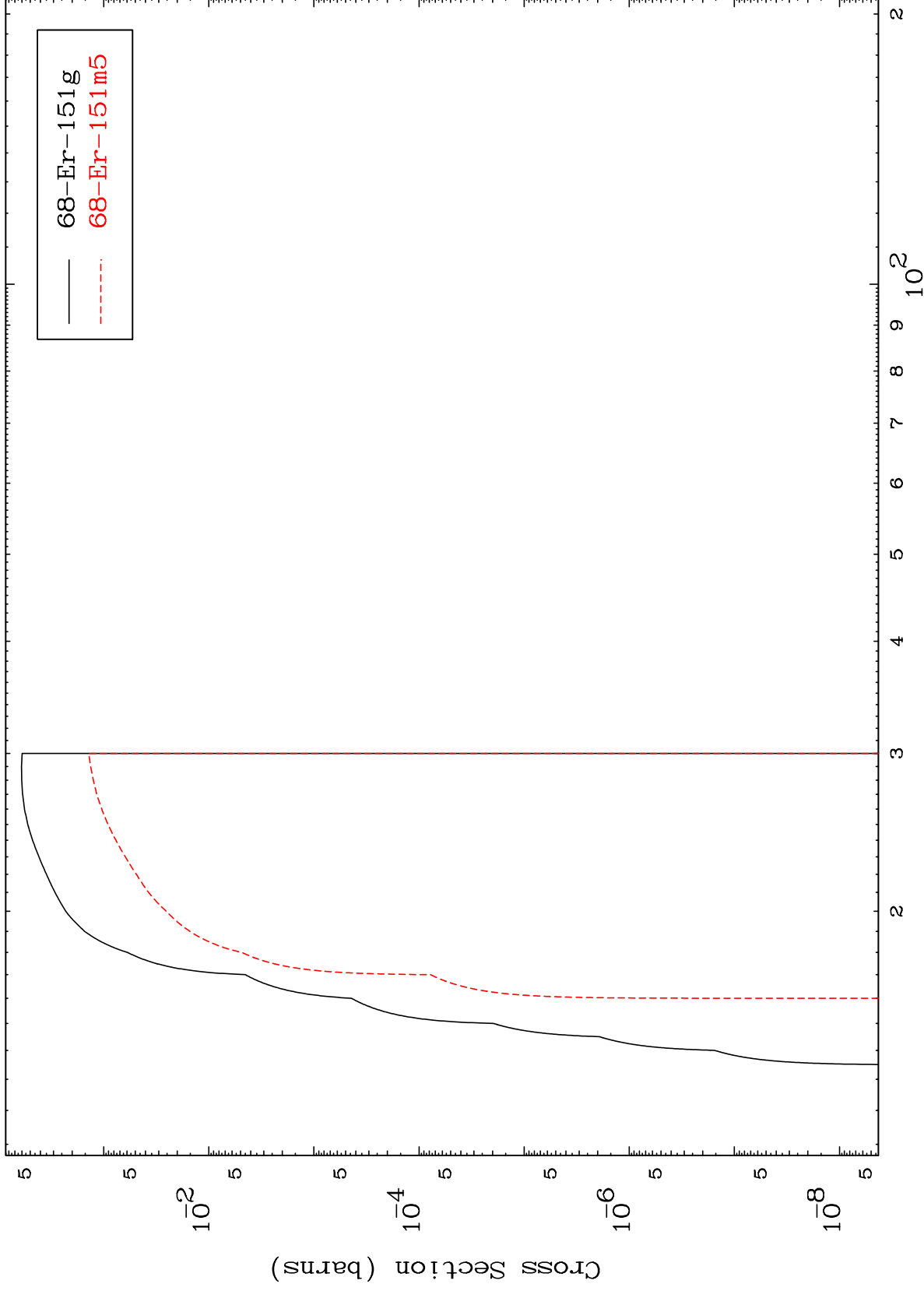
69-Tm-153

MAT 6877

(n,2n) p

69-Tm-153

Radionuclide Production Cross Section



105

Incident Energy (MeV)

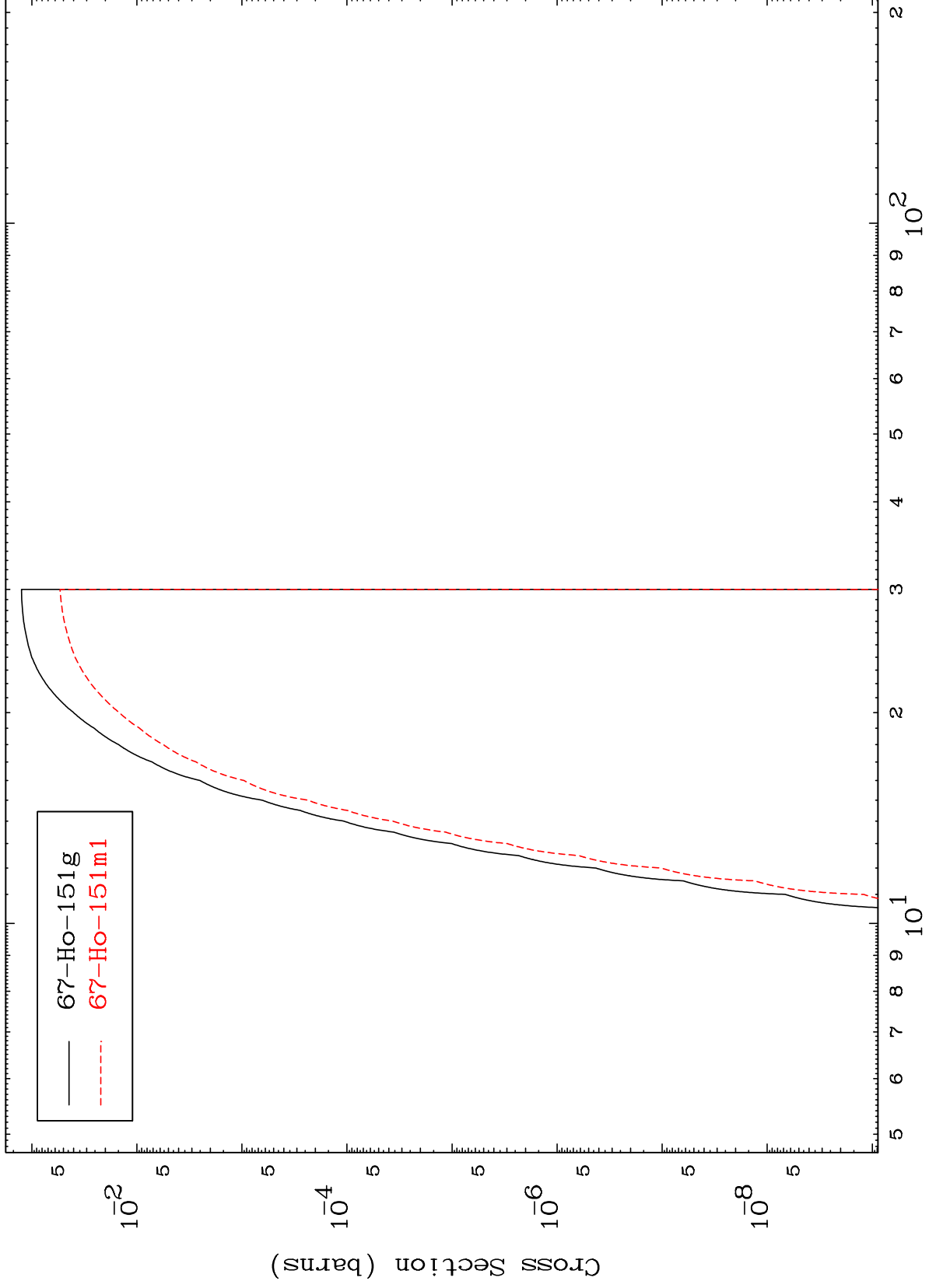
69-Tm-153

MAT 6877

(n,2n) p

69-Tm-153

Radionuclide Production Cross Section



67-Ho-151g  
67-Ho-151m1

106

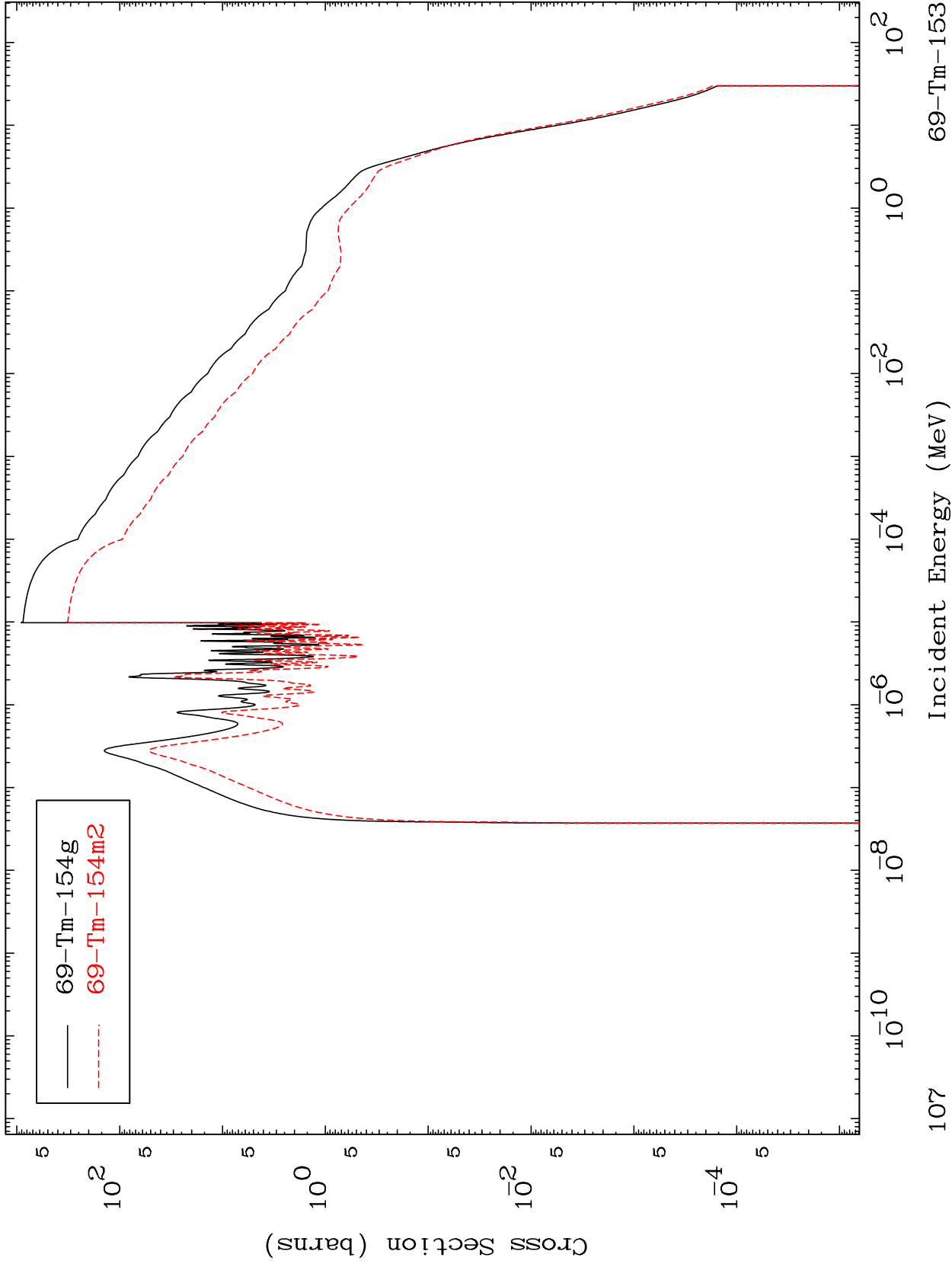
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

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



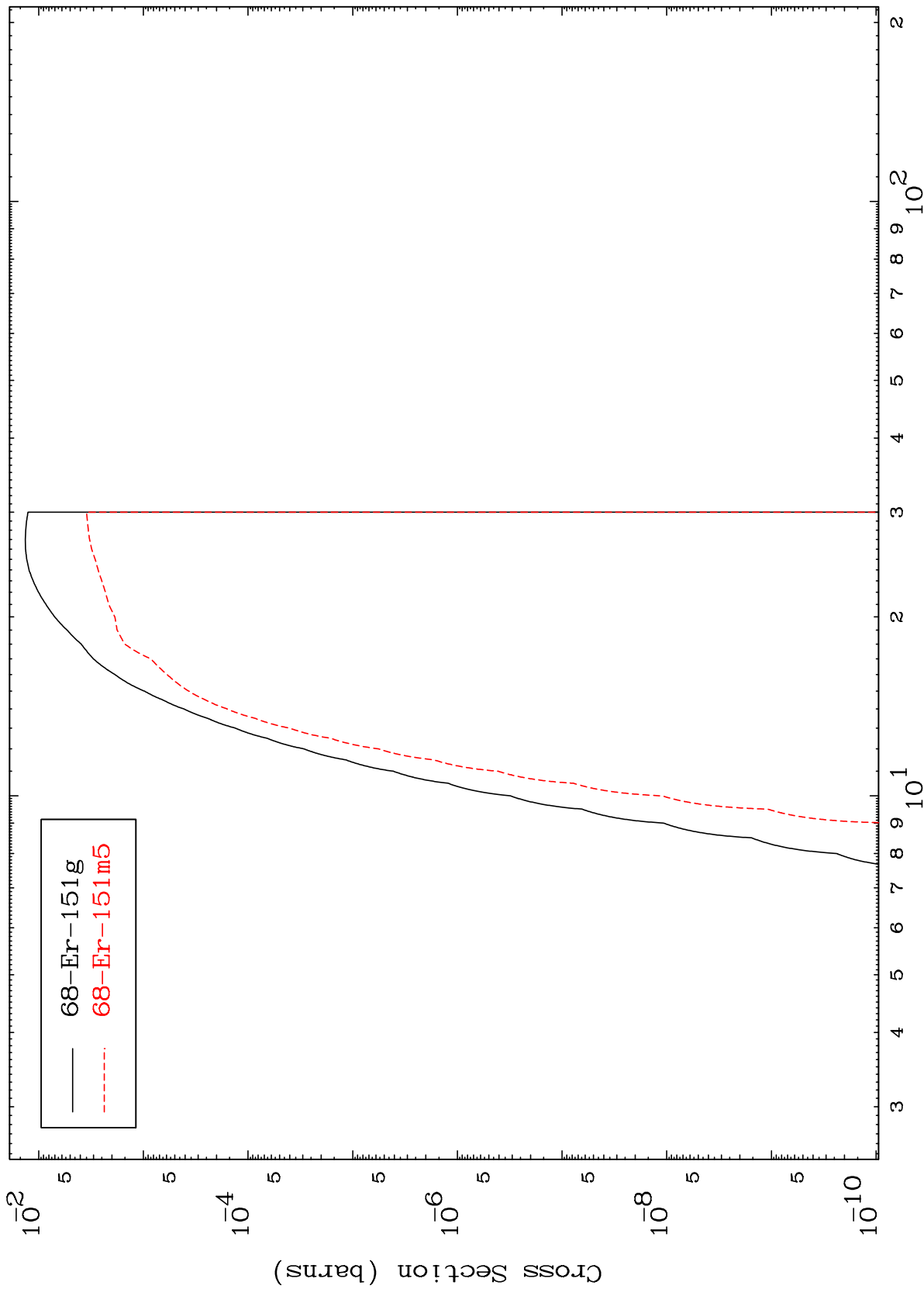
107

69-Tm-153

MAT 68777

69-Tm-153

(n, t)  
Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m5

69-Tm-153

Incident Energy (MeV)

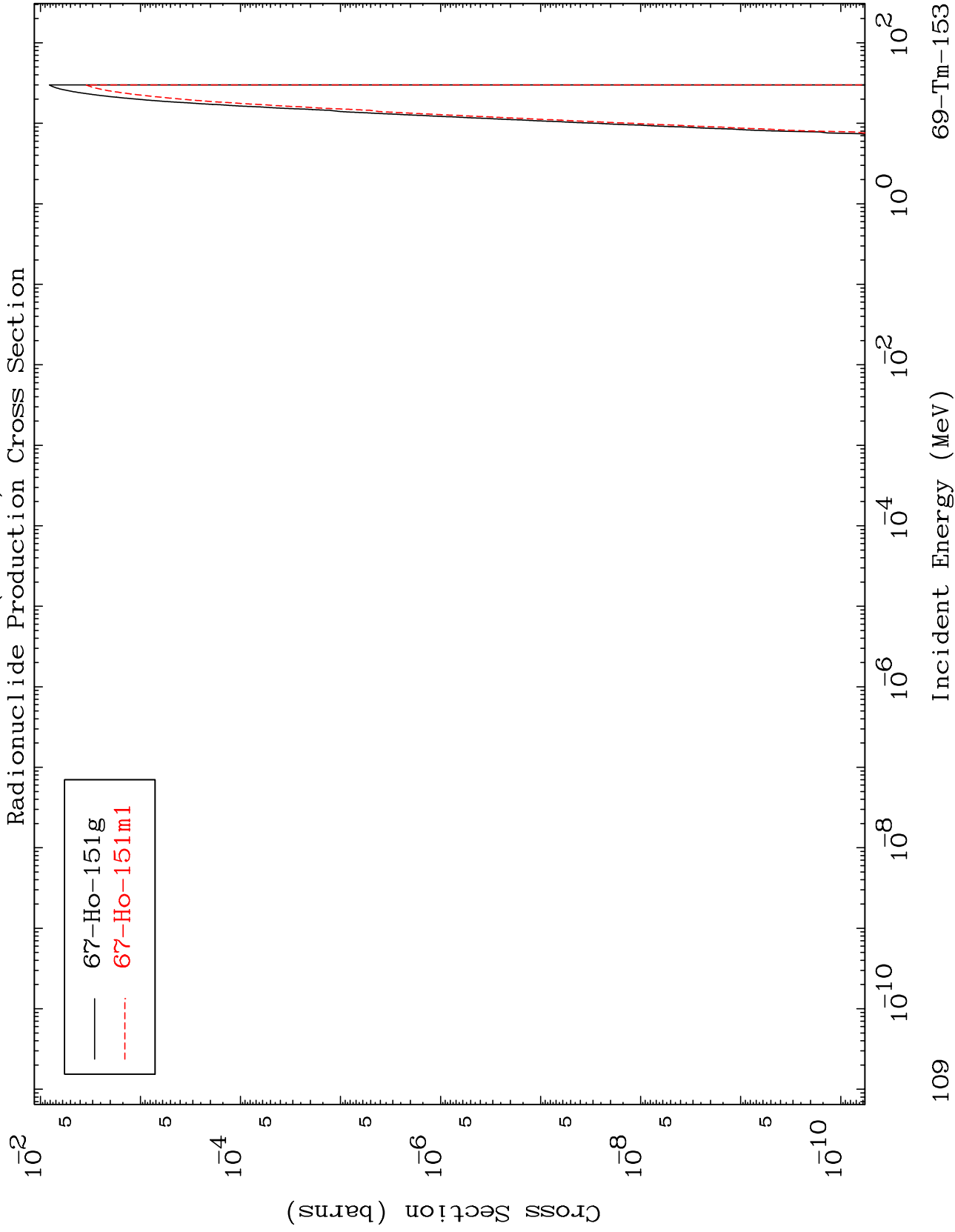
108

MAT 68777

(n,He-3)

69-Tm-153

Radionuclide Production Cross Section



109

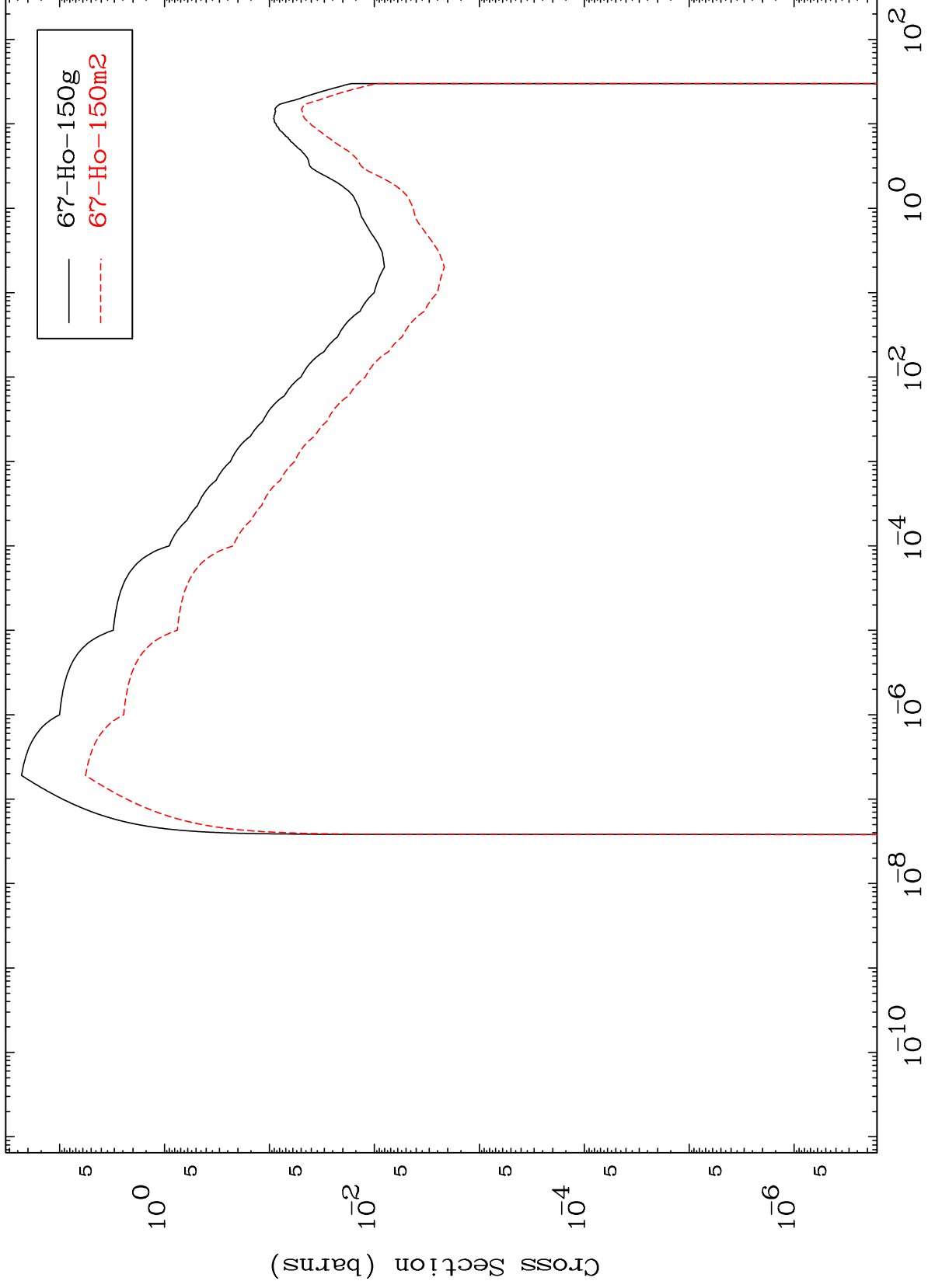
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

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



110

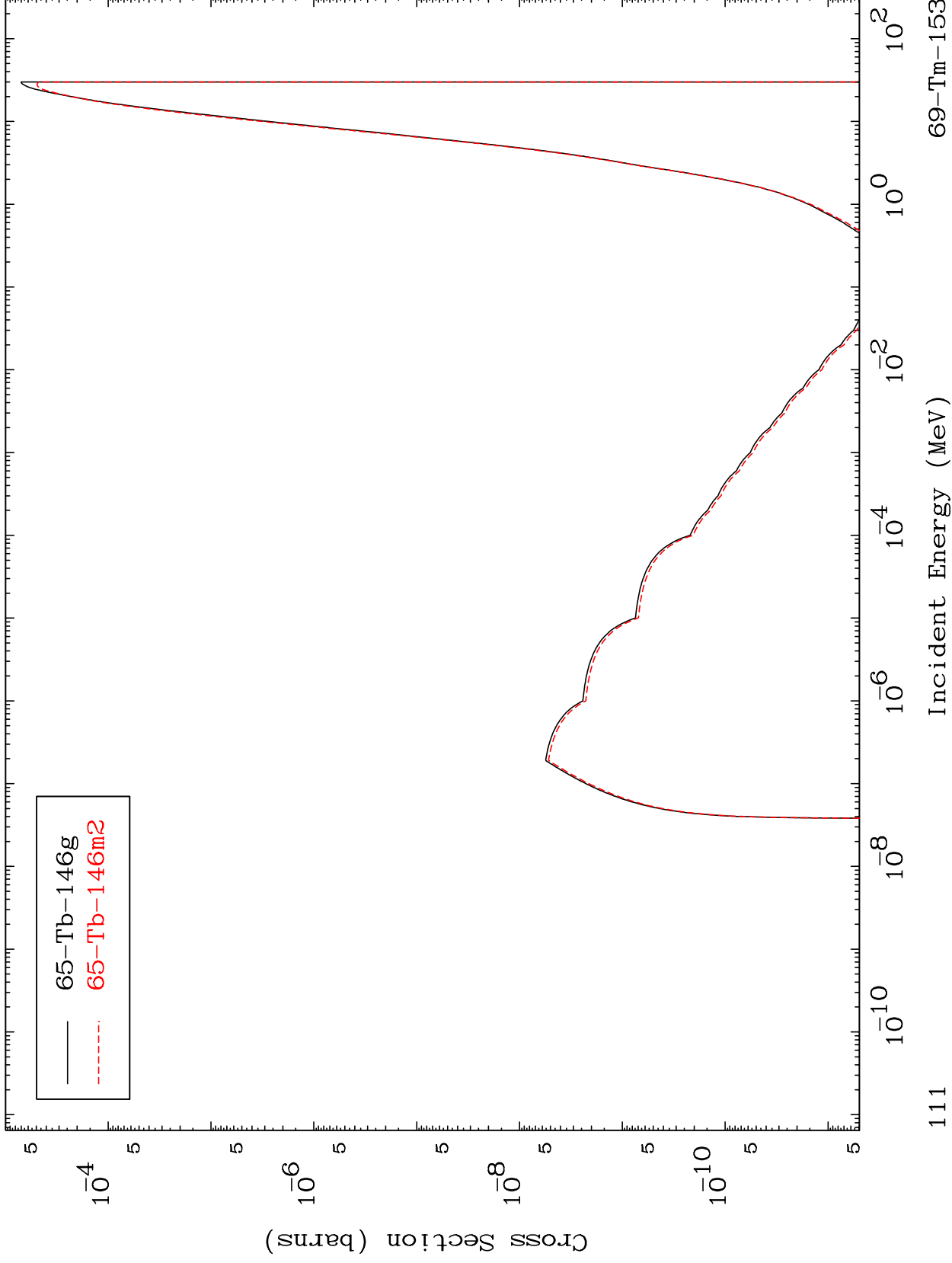
69-Tm-153

MAT 6877

(n,2α)

69-Tm-153

Radionuclide Production Cross Section



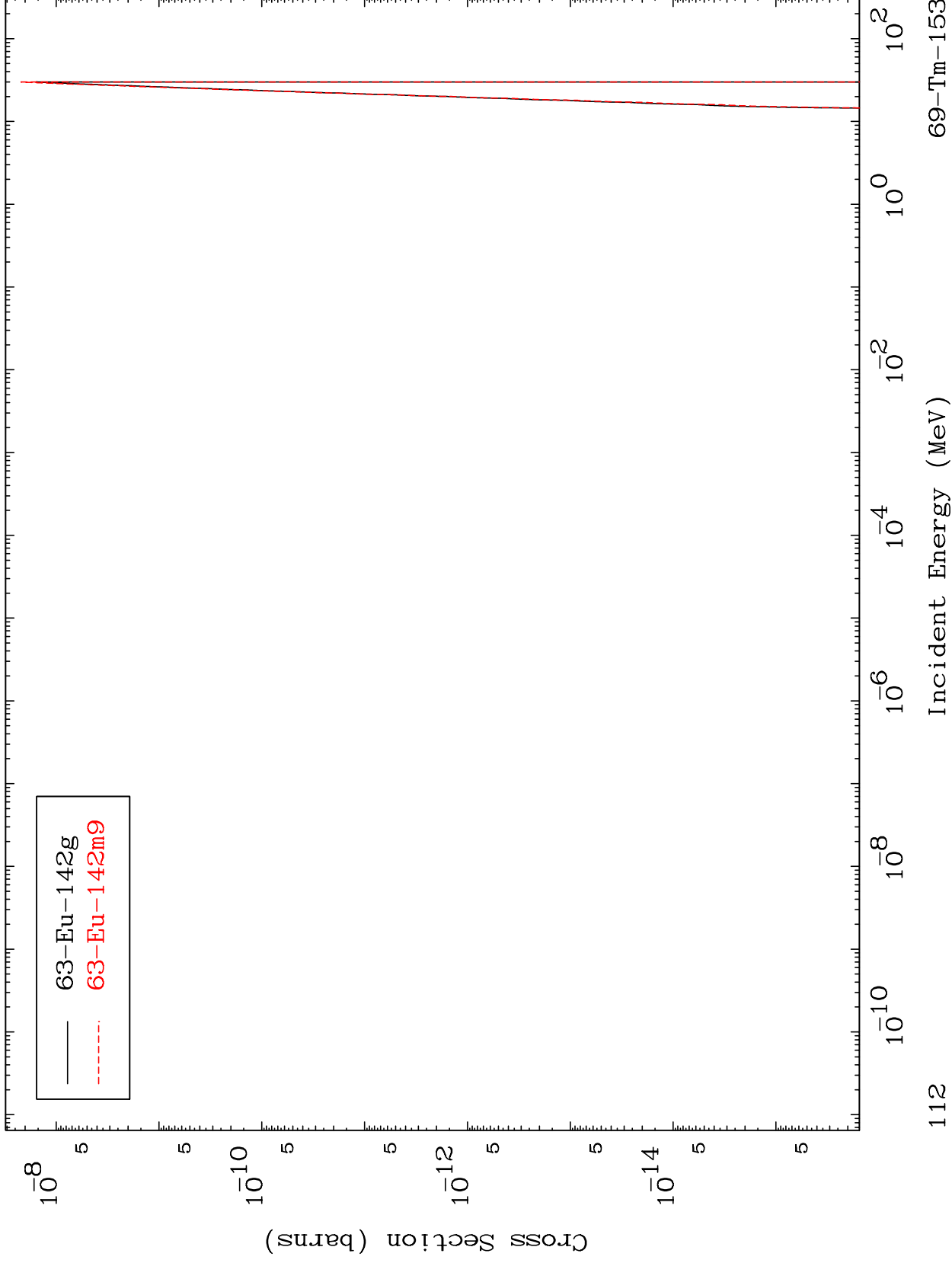


MAT 6877

(n,3 $\alpha$ )

69-Tm-153

Radionuclide Production Cross Section

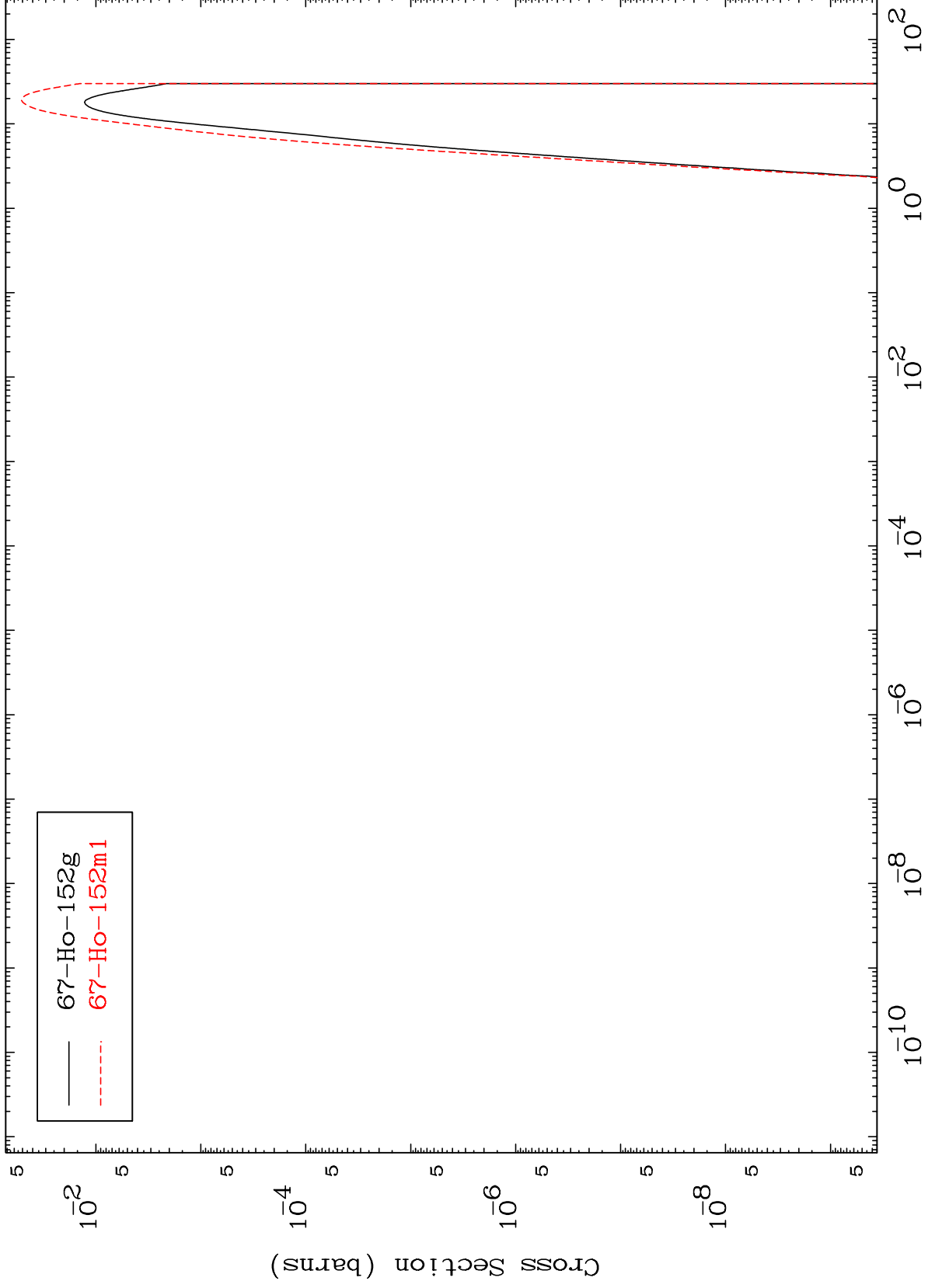


MAT 6877

(n,2p)

69-Tm-153

Radionuclide Production Cross Section

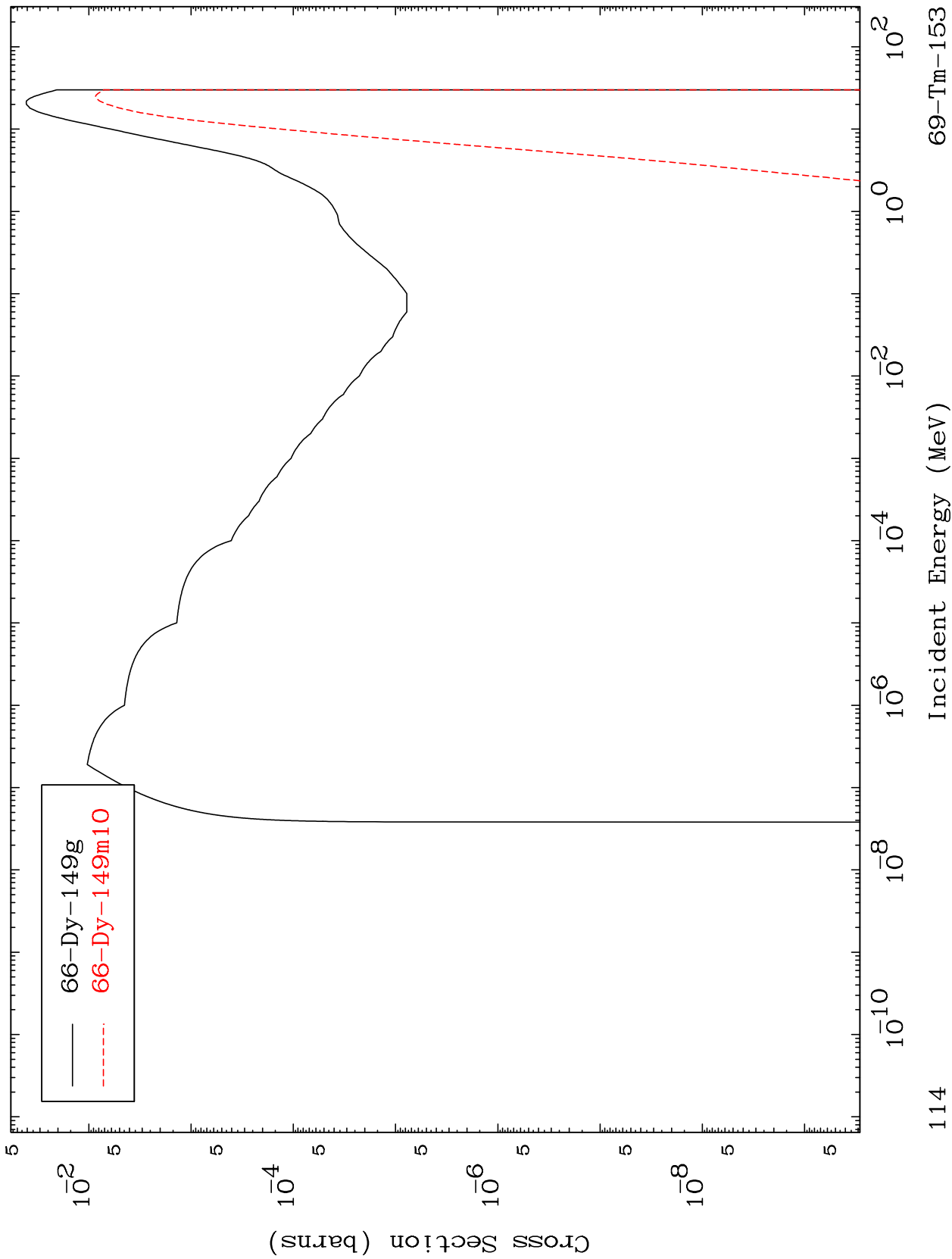


MAT 6877

(n,p)  $\alpha$

69-Tm-153

Radionuclide Production Cross Section



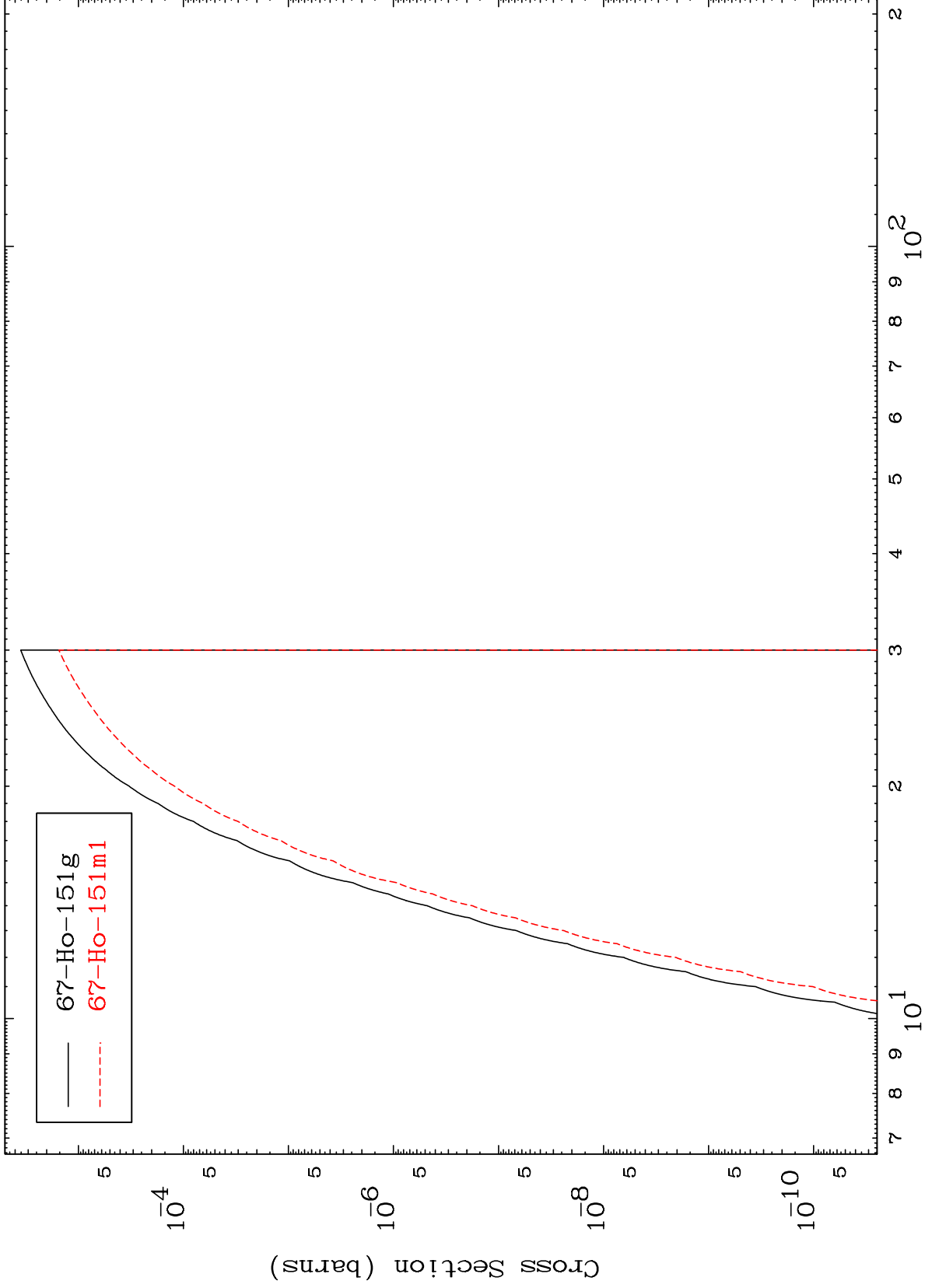
66-Dy-149g  
66-Dy-149m10

MAT 6877

(n,p) d

69-Tm-153

Radionuclide Production Cross Section



115

Incident Energy (MeV)

69-Tm-153

Radionuclide Production Cross Section

