

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

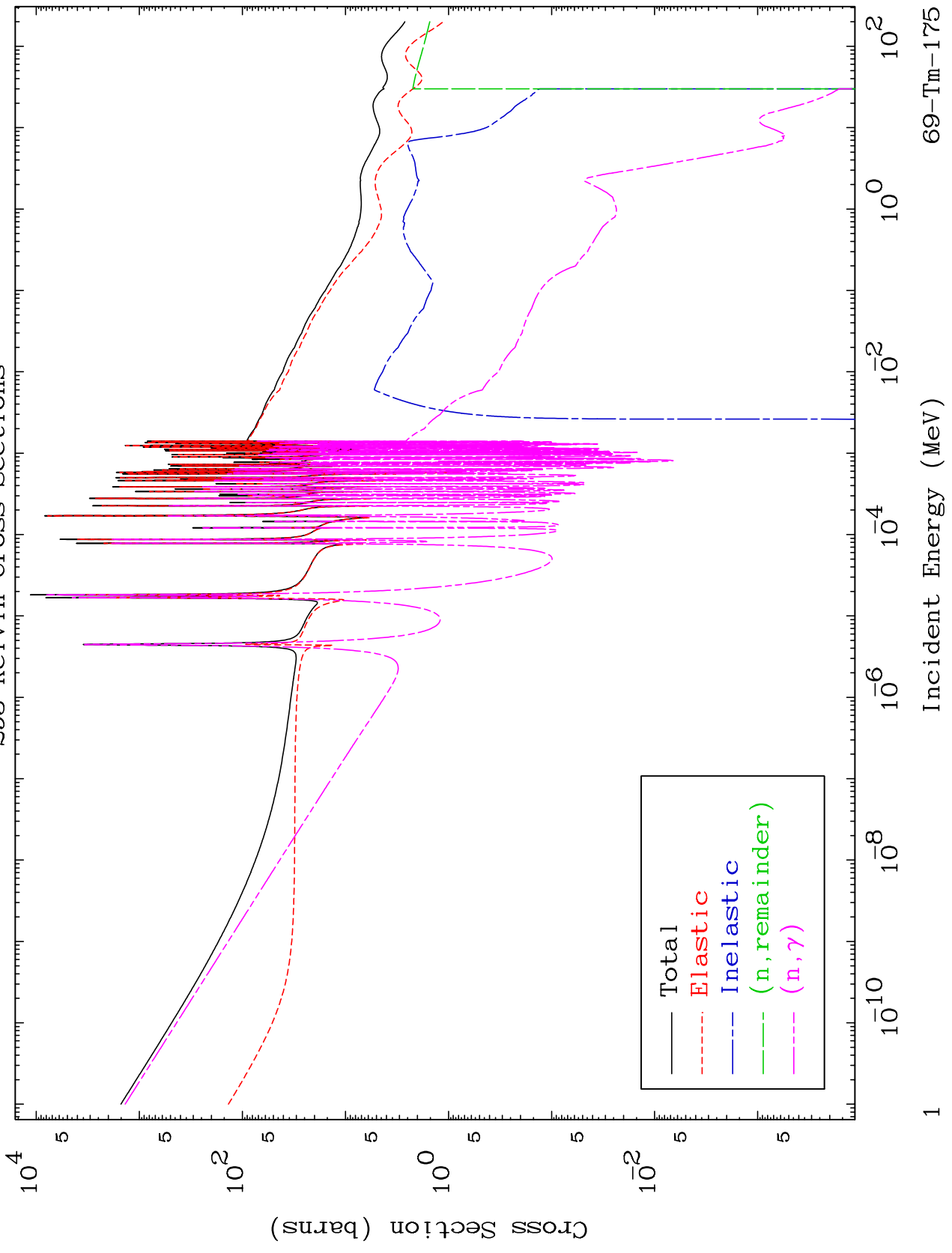
Press Mouse Button to Start

MAT 6943

Major

293 Kelvin Cross Sections

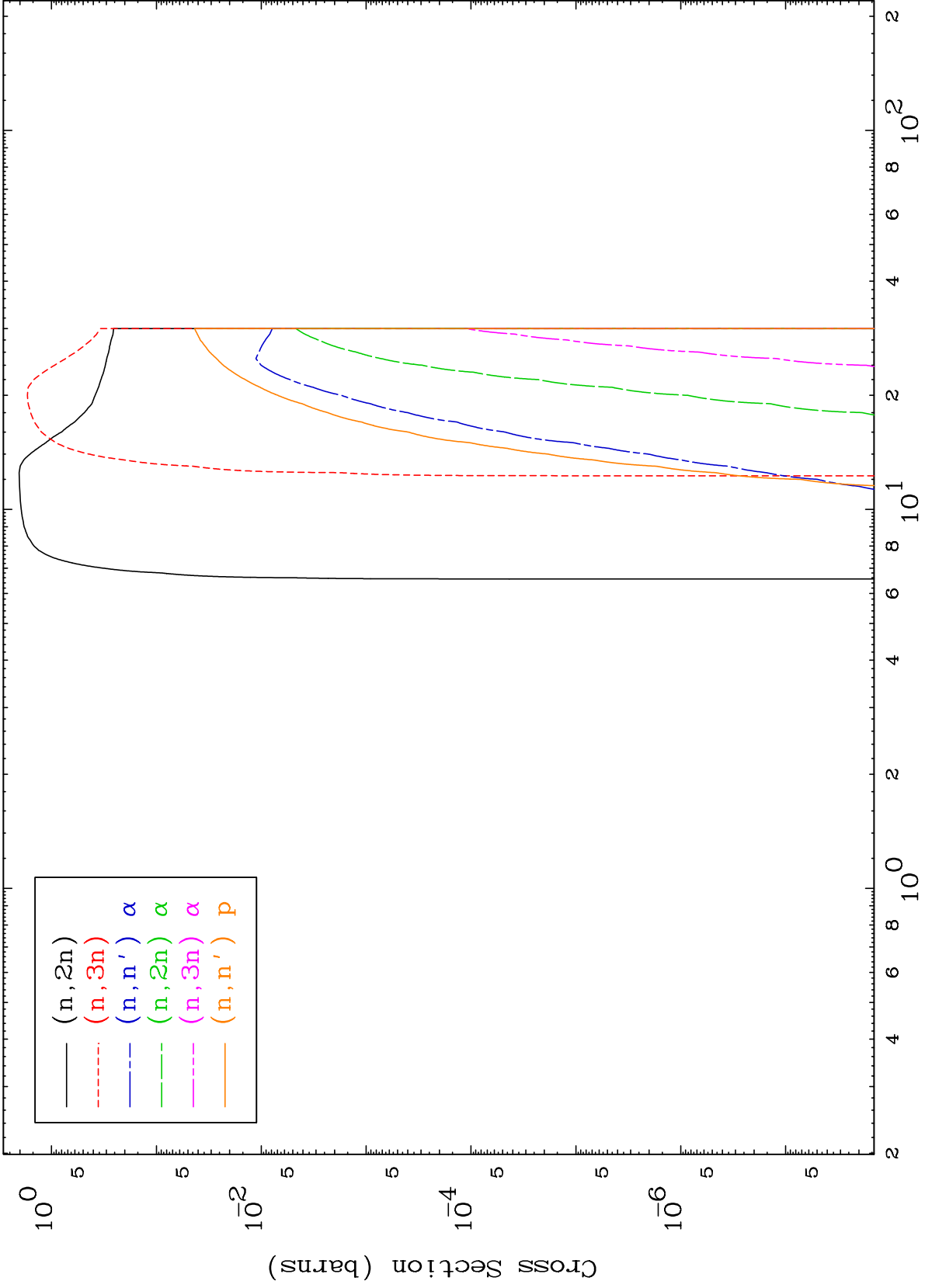
69-Tm-175



MAT 6943

Neutron Production  
293 Kelvin Cross Sections

69-Tm-175

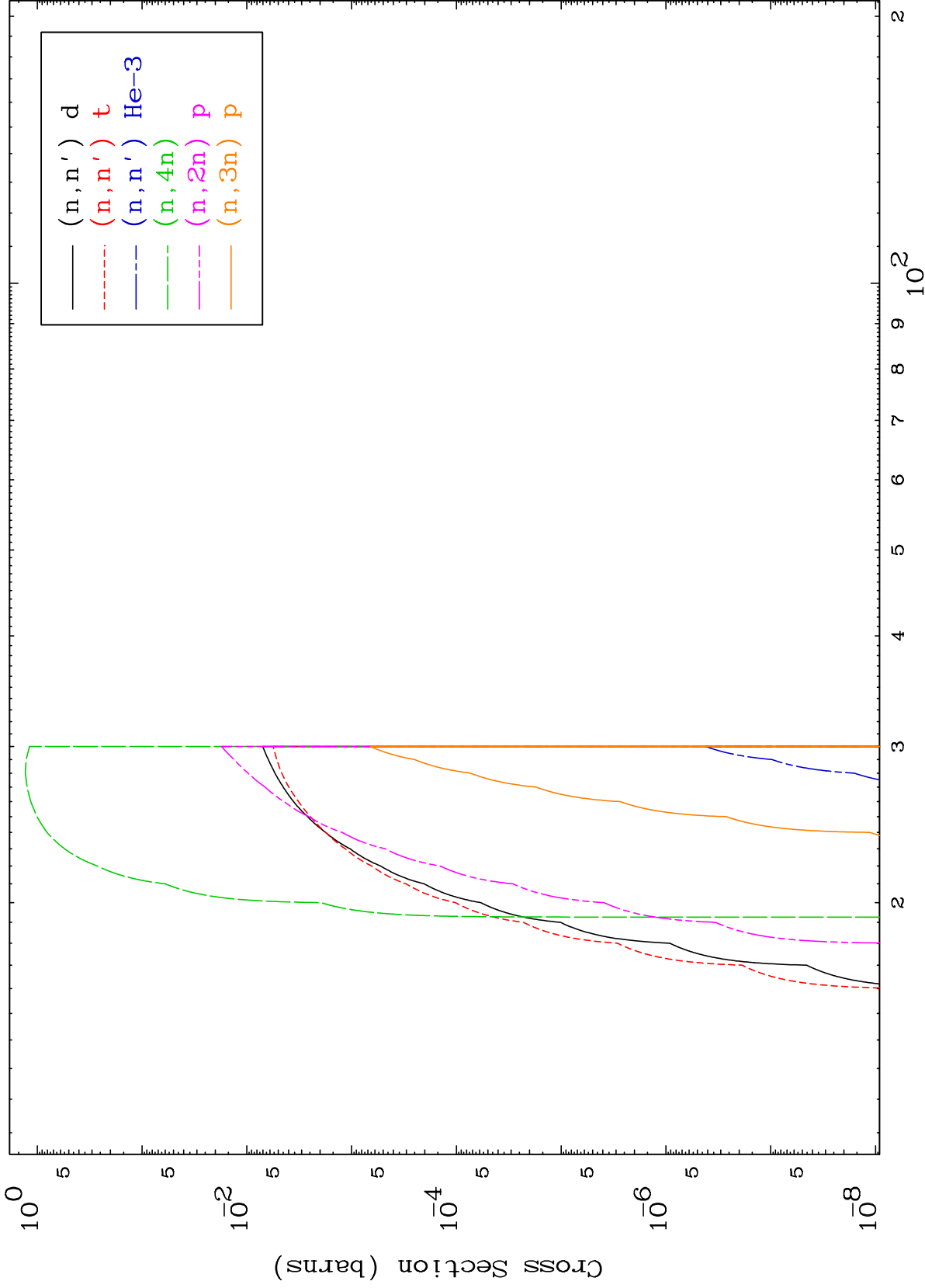


- (n, 2n)
- (n, 3n)
- (n, n')
- (n, 2n)
- (n, 3n)
- (n, n')

69-Tm-175

Incident Energy (MeV)

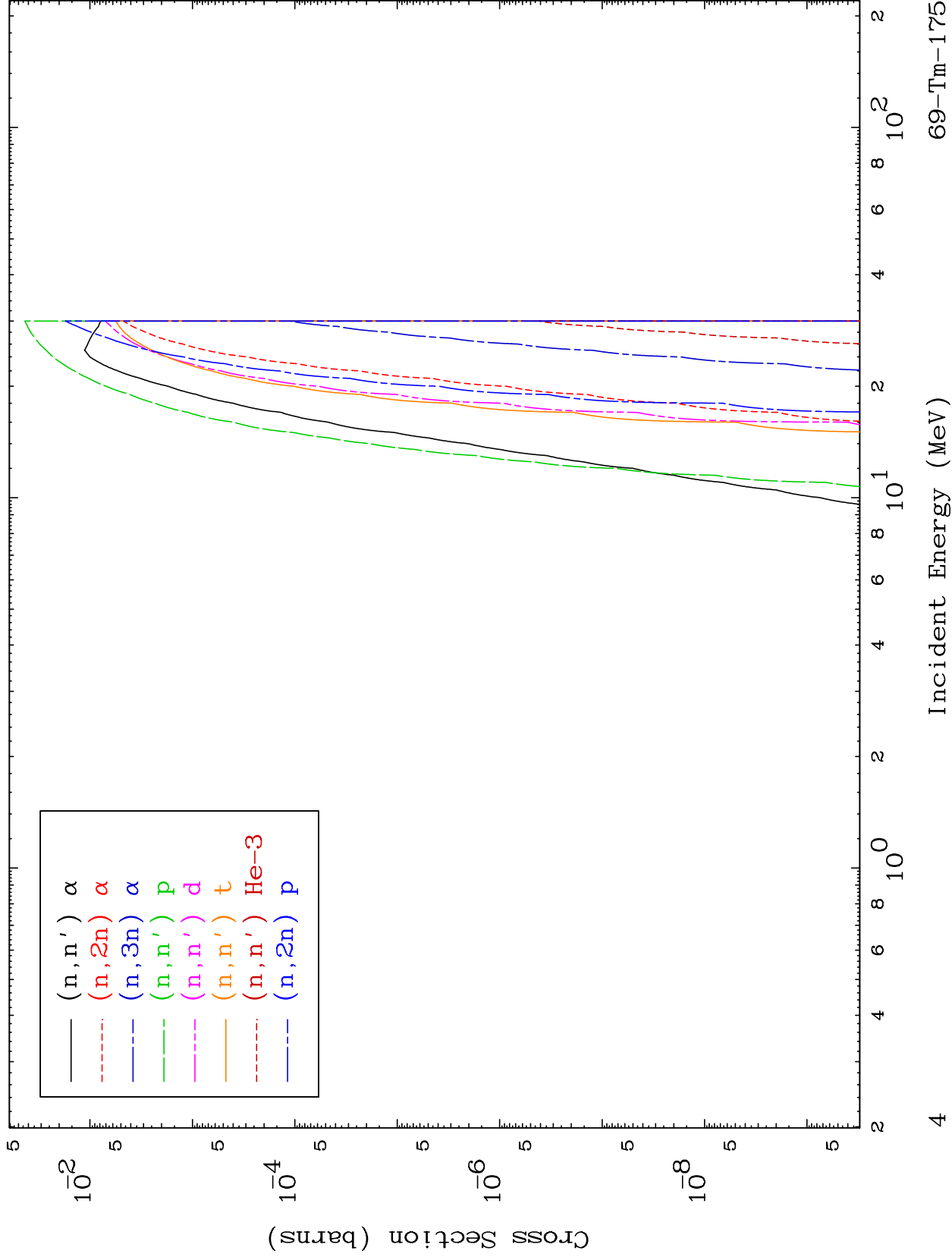
2



MAT 6943

Charged Particle  
293 Kelvin Cross Sections

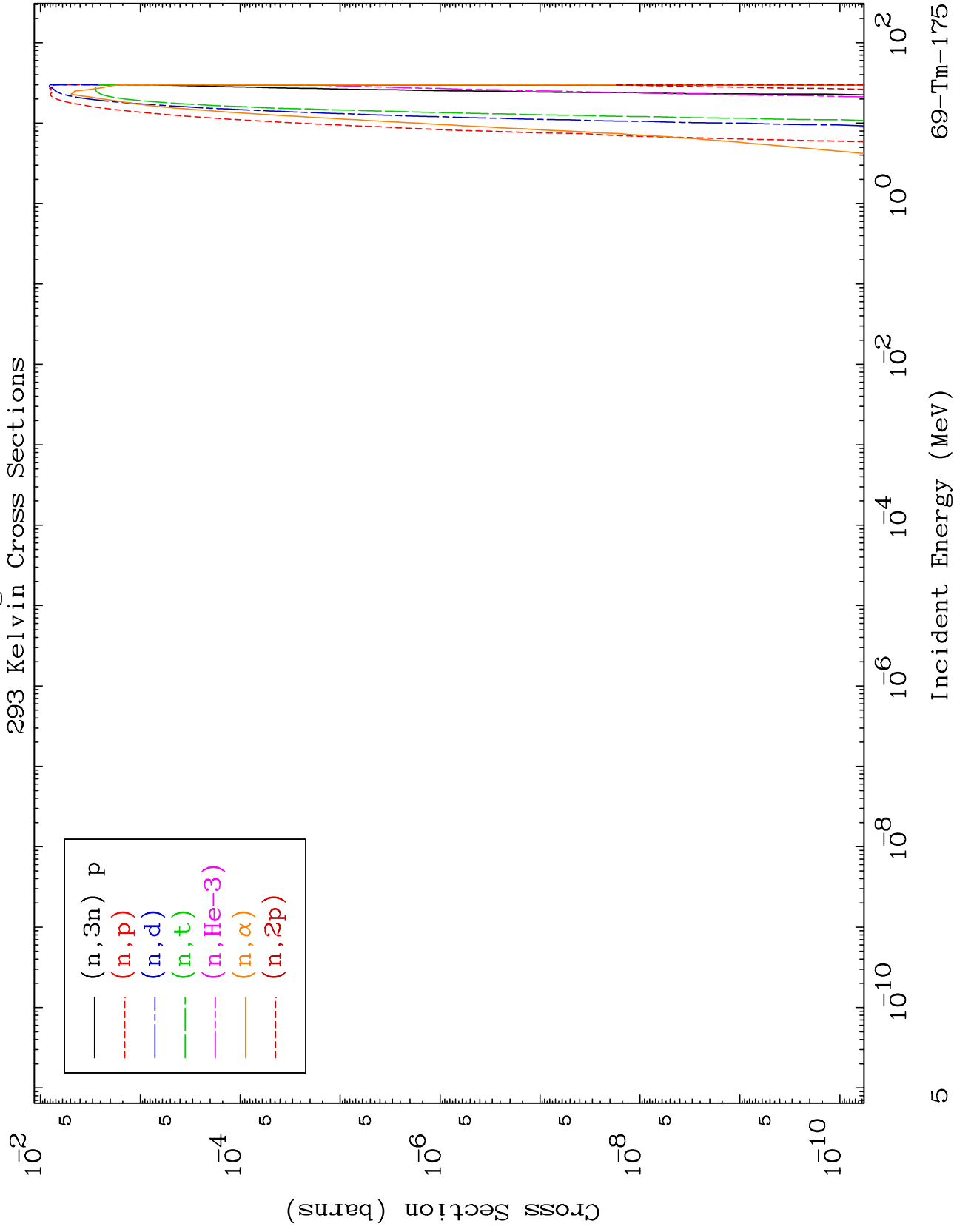
69-Tm-175



MAT 6943

Charged Particle  
293 Kelvin Cross Sections

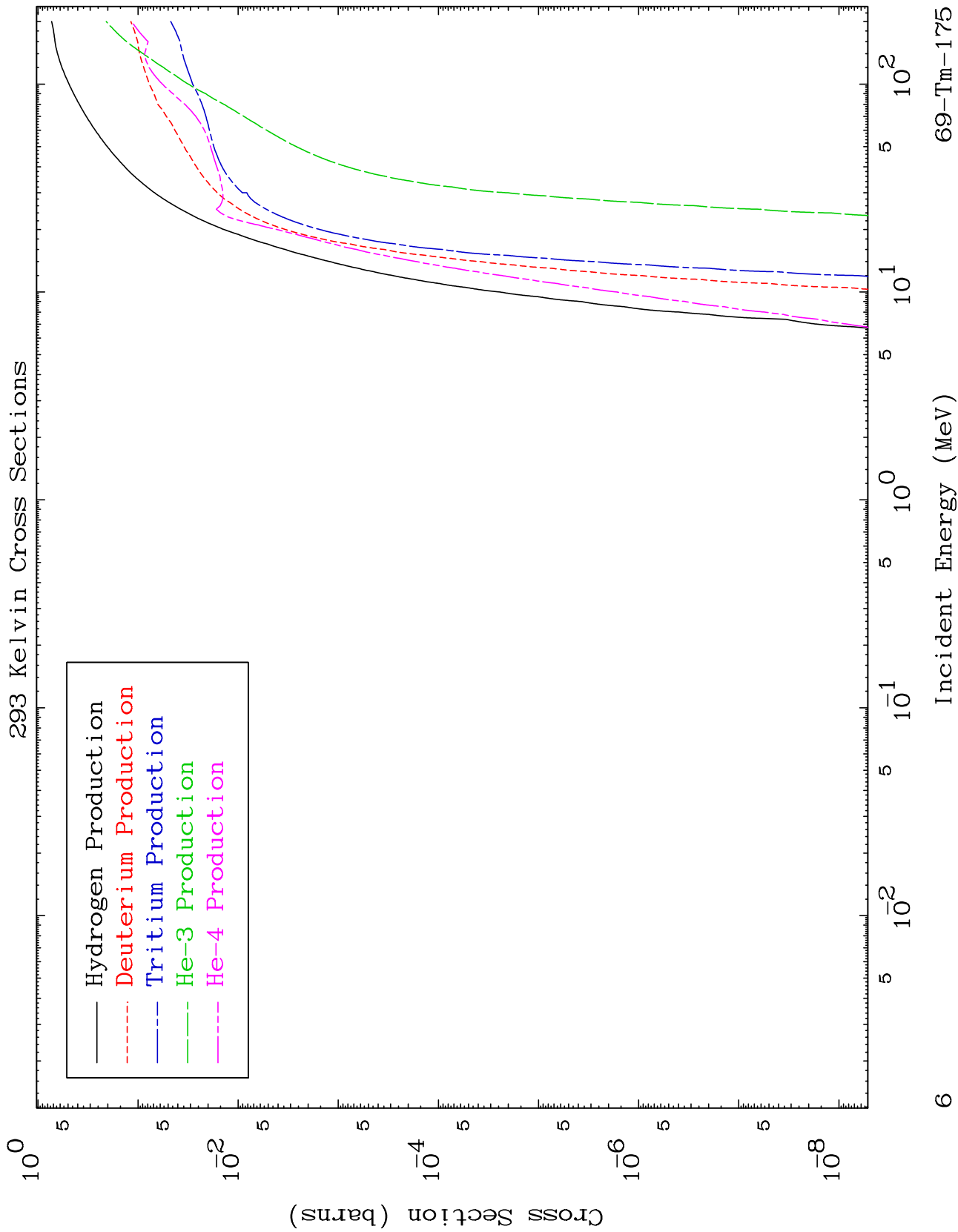
69-Tm-175



MAT 6943

Particle Production  
293 Kelvin Cross Sections

69-Tm-175

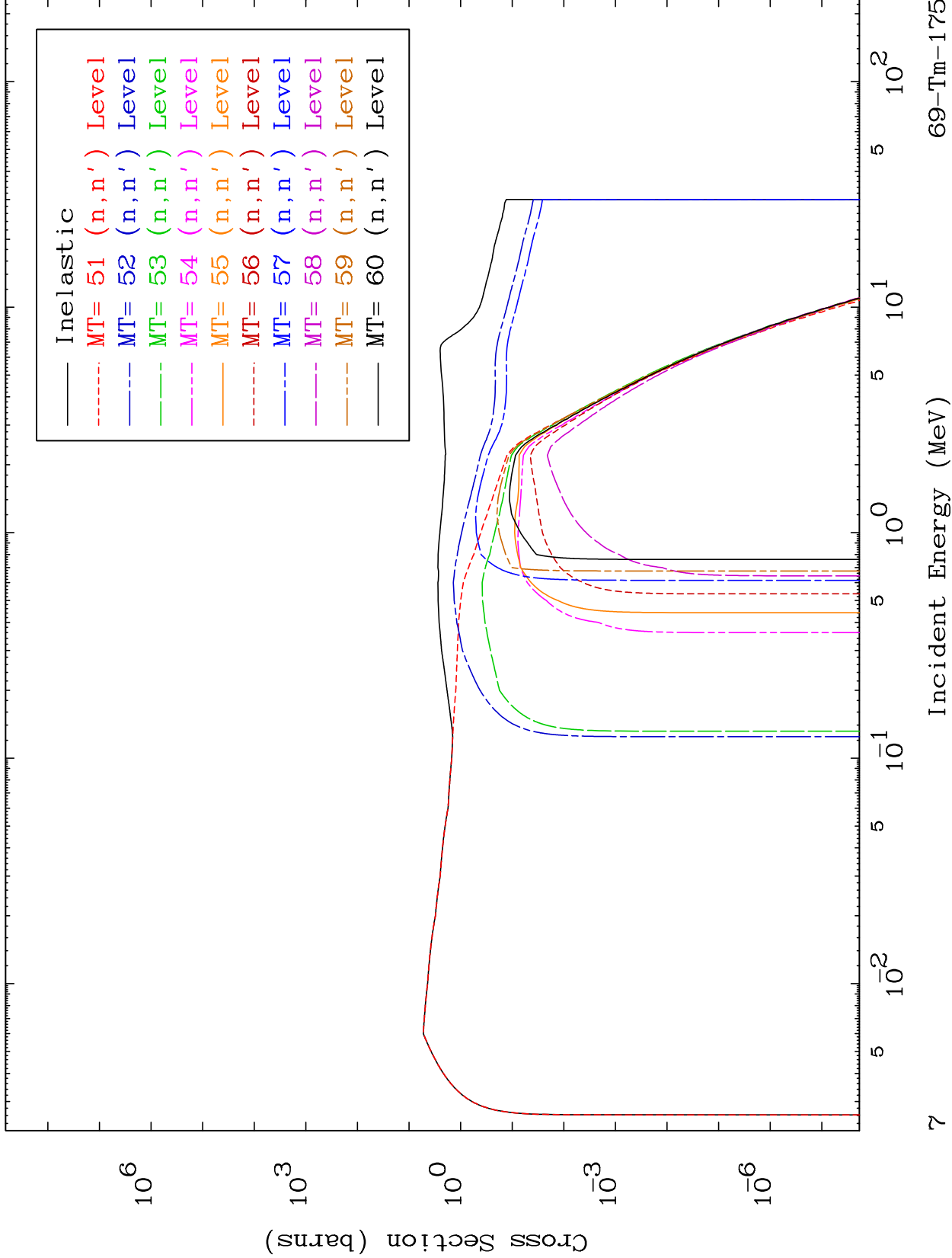


MAT 6943

(n,n') Level

69-Tm-175

293 Kelvin Cross Sections



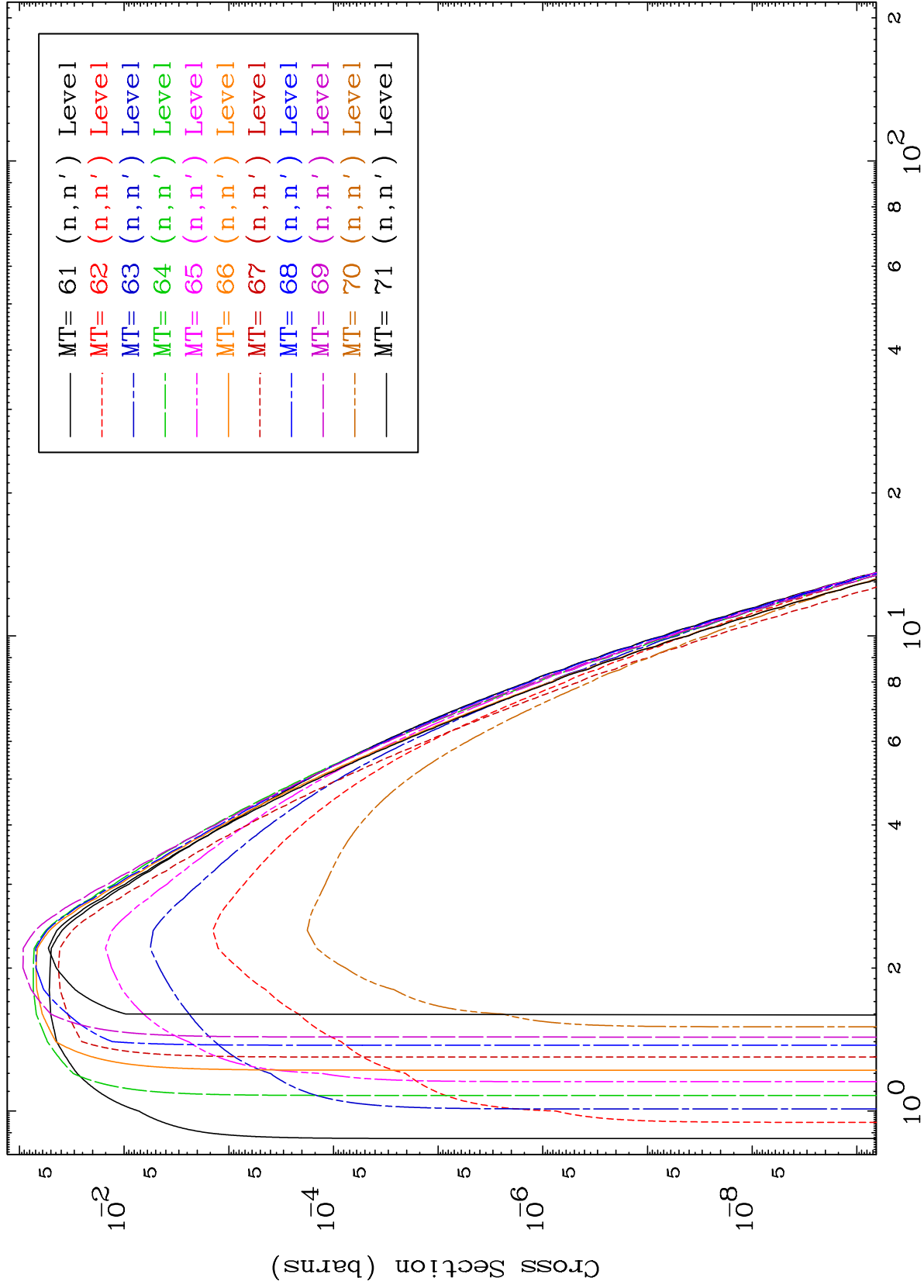


MAT 6943

(n,n') Level

69-Tm-175

293 Kelvin Cross Sections



Incident Energy (MeV)

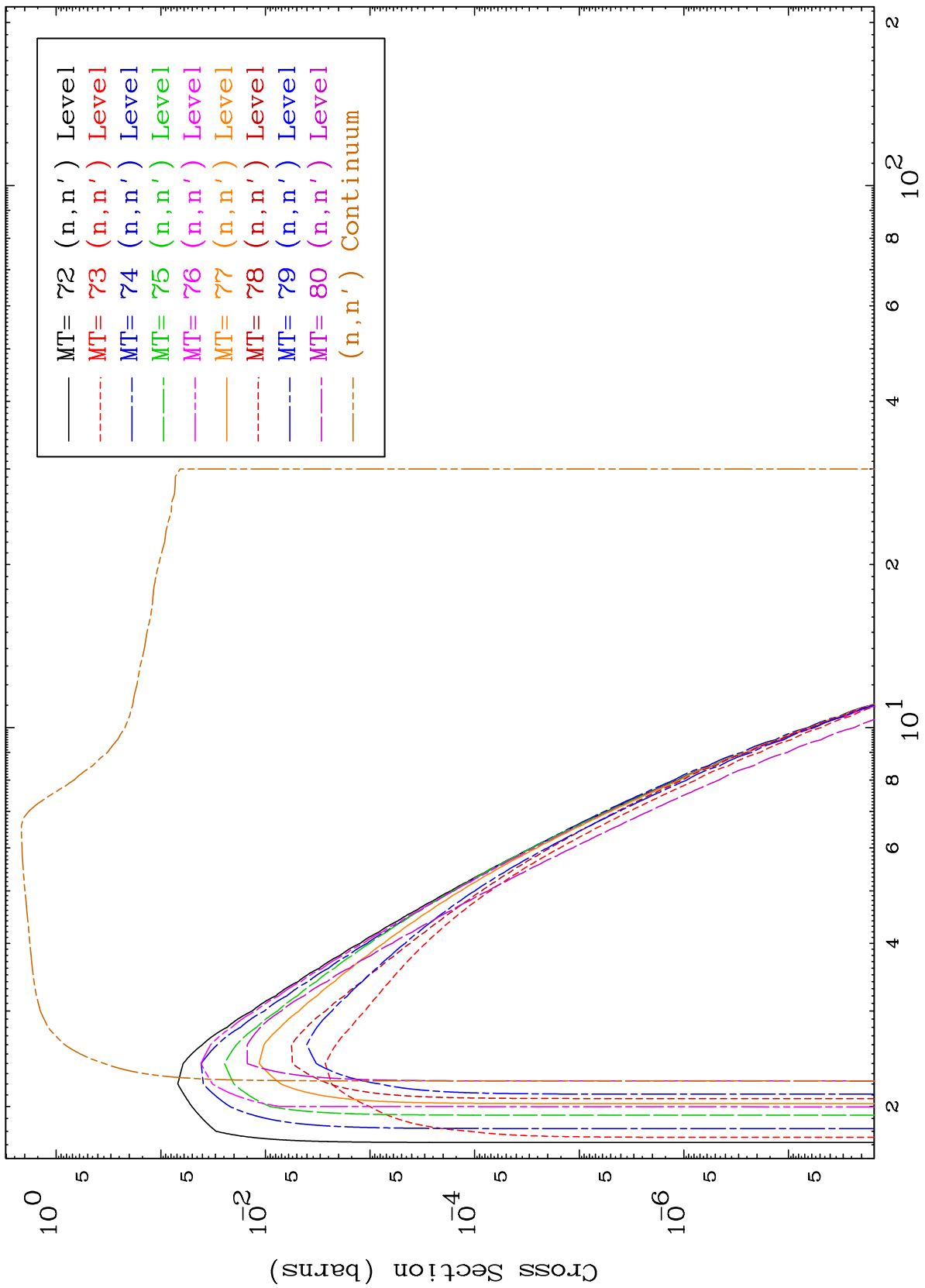
69-Tm-175

MAT 6943

(n,n') Level

293 Kelvin Cross Sections

69-Tm-175



9

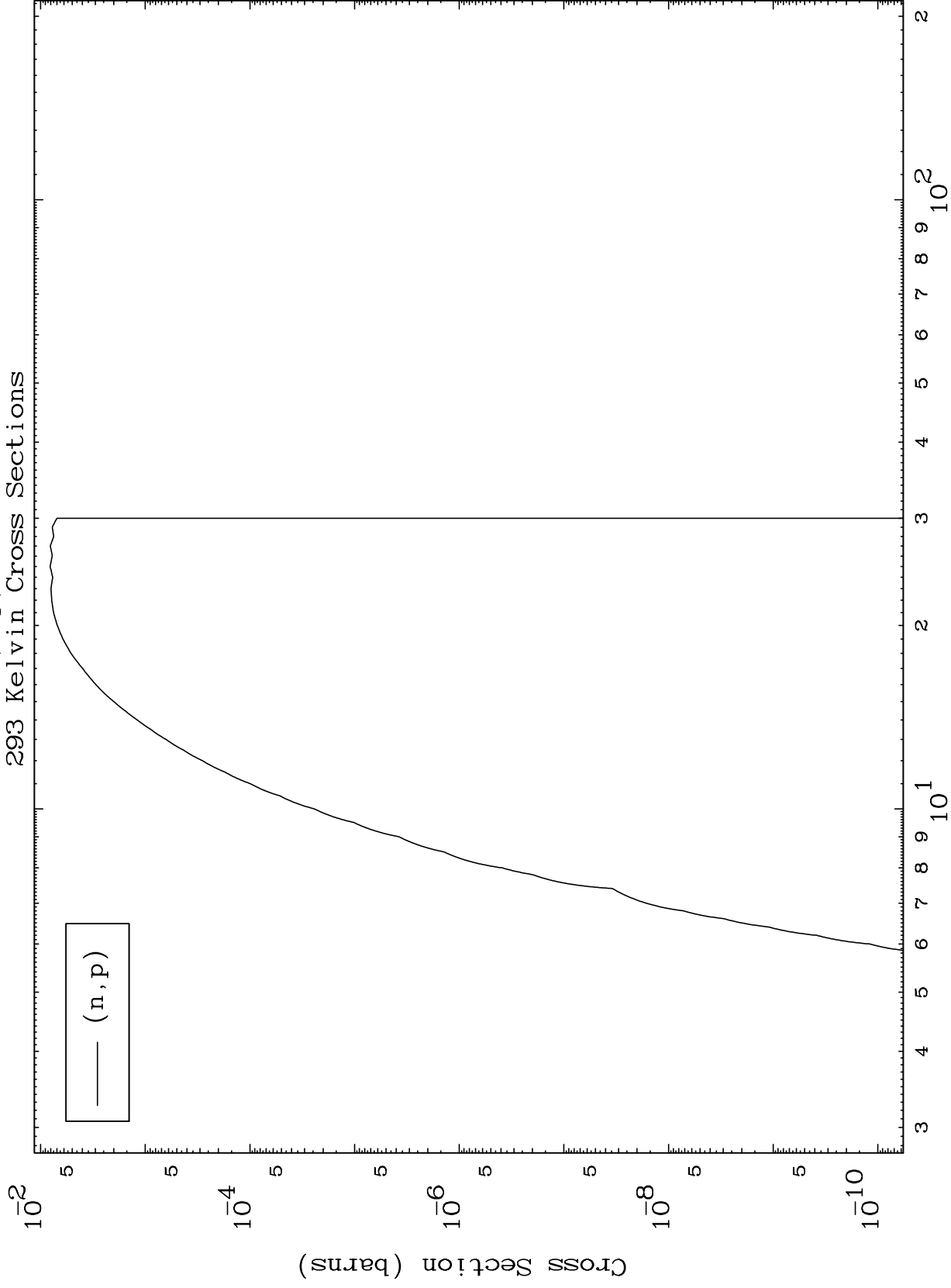
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-175



10

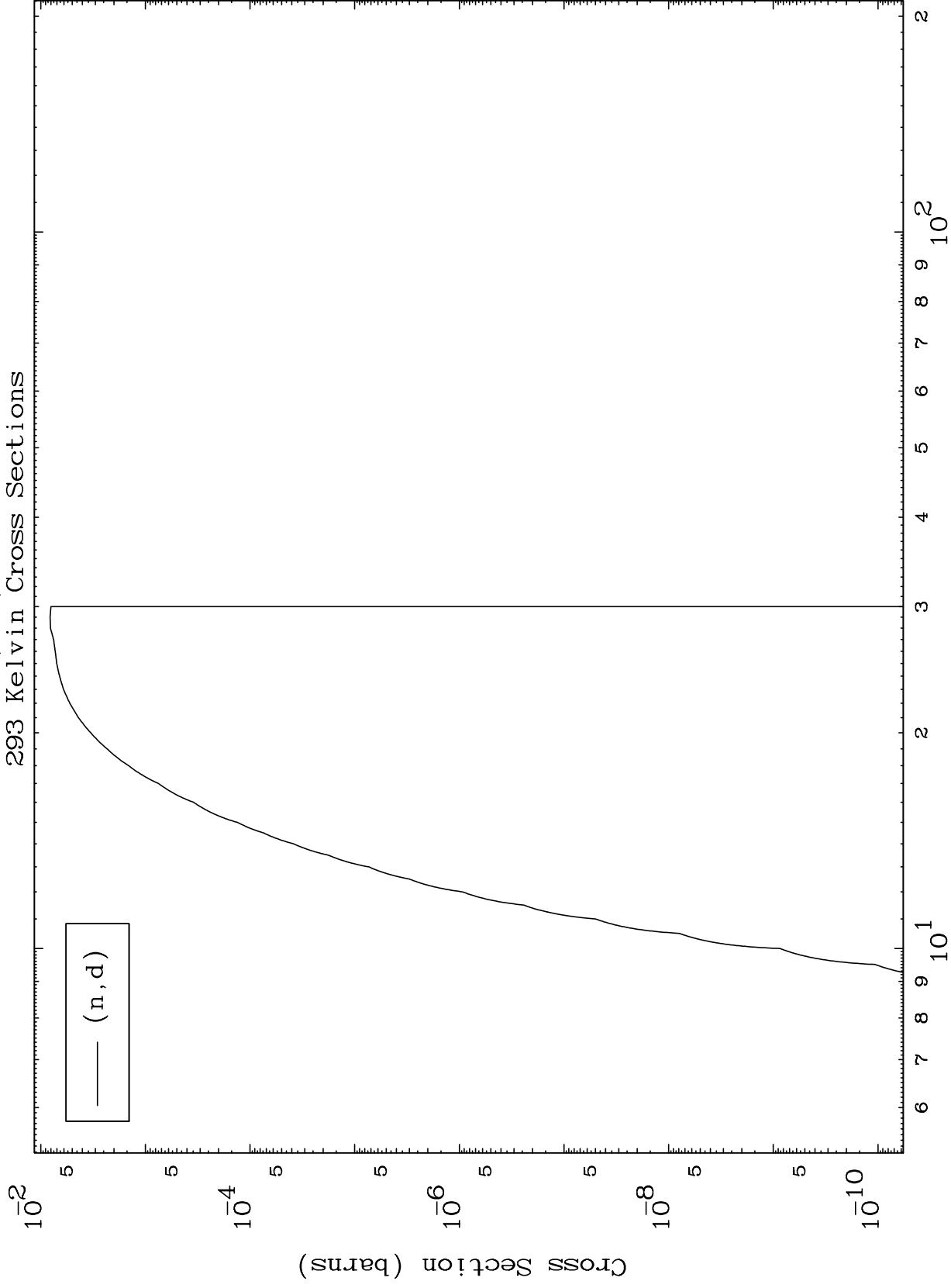
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-175



11

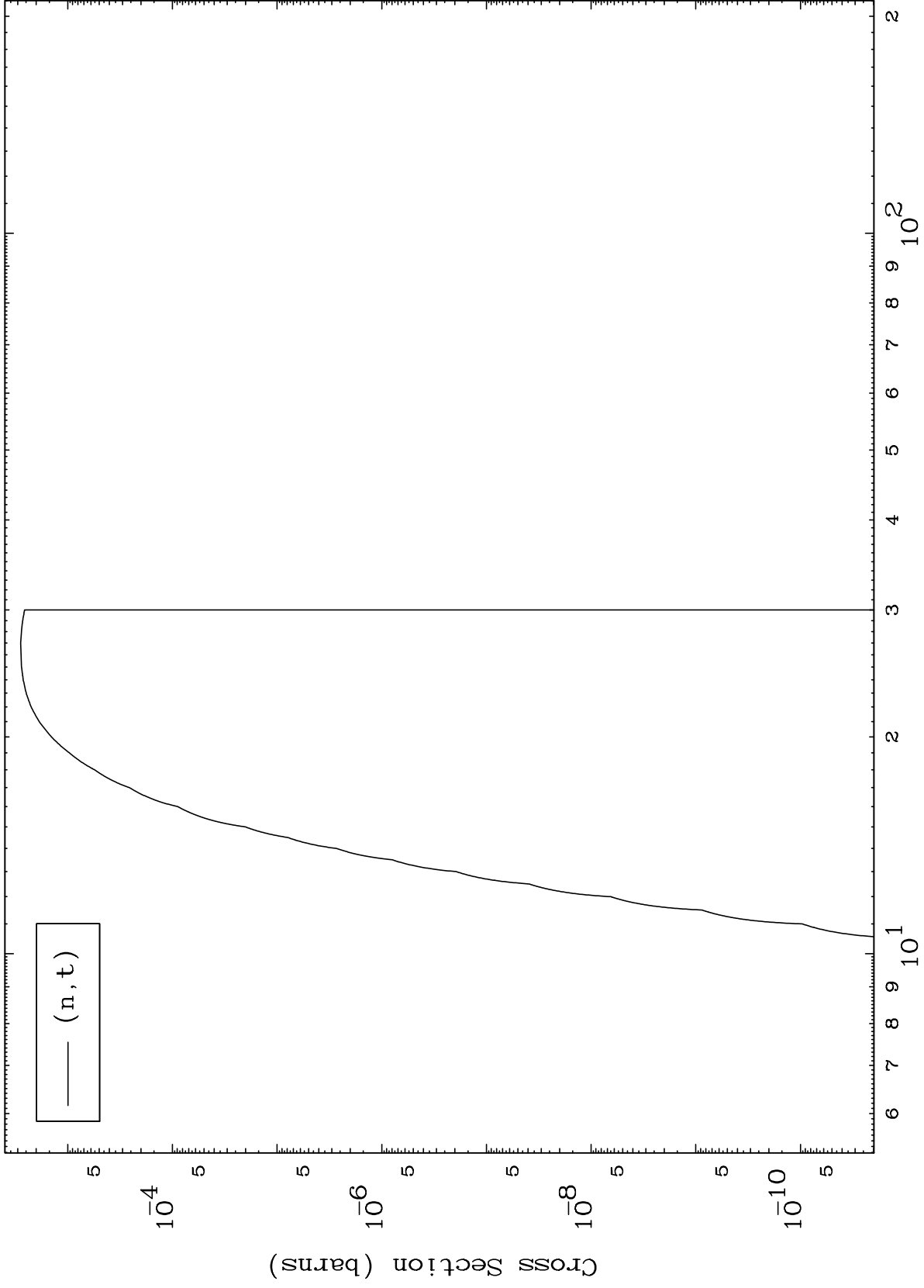
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-175



12

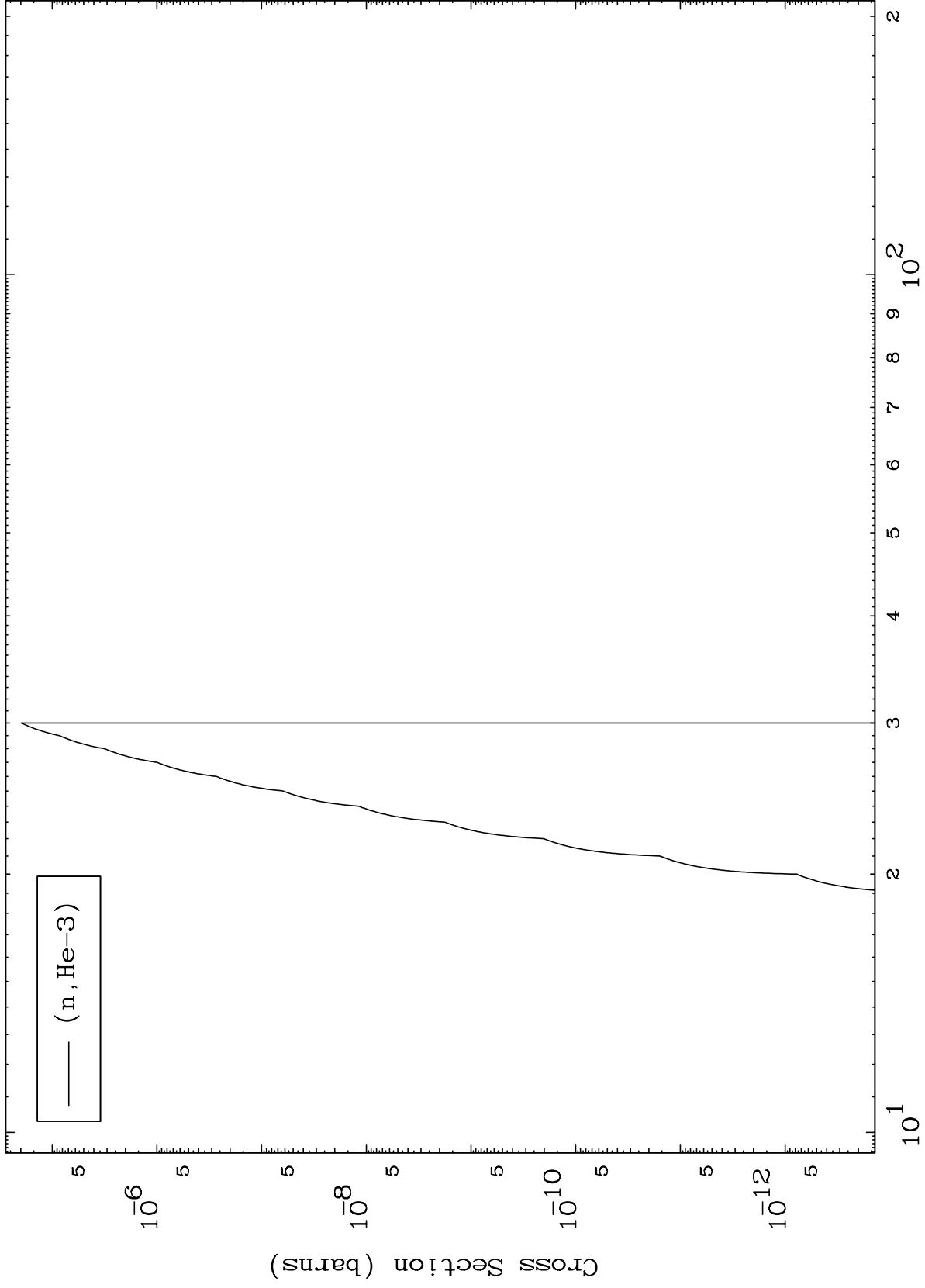
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-175



13

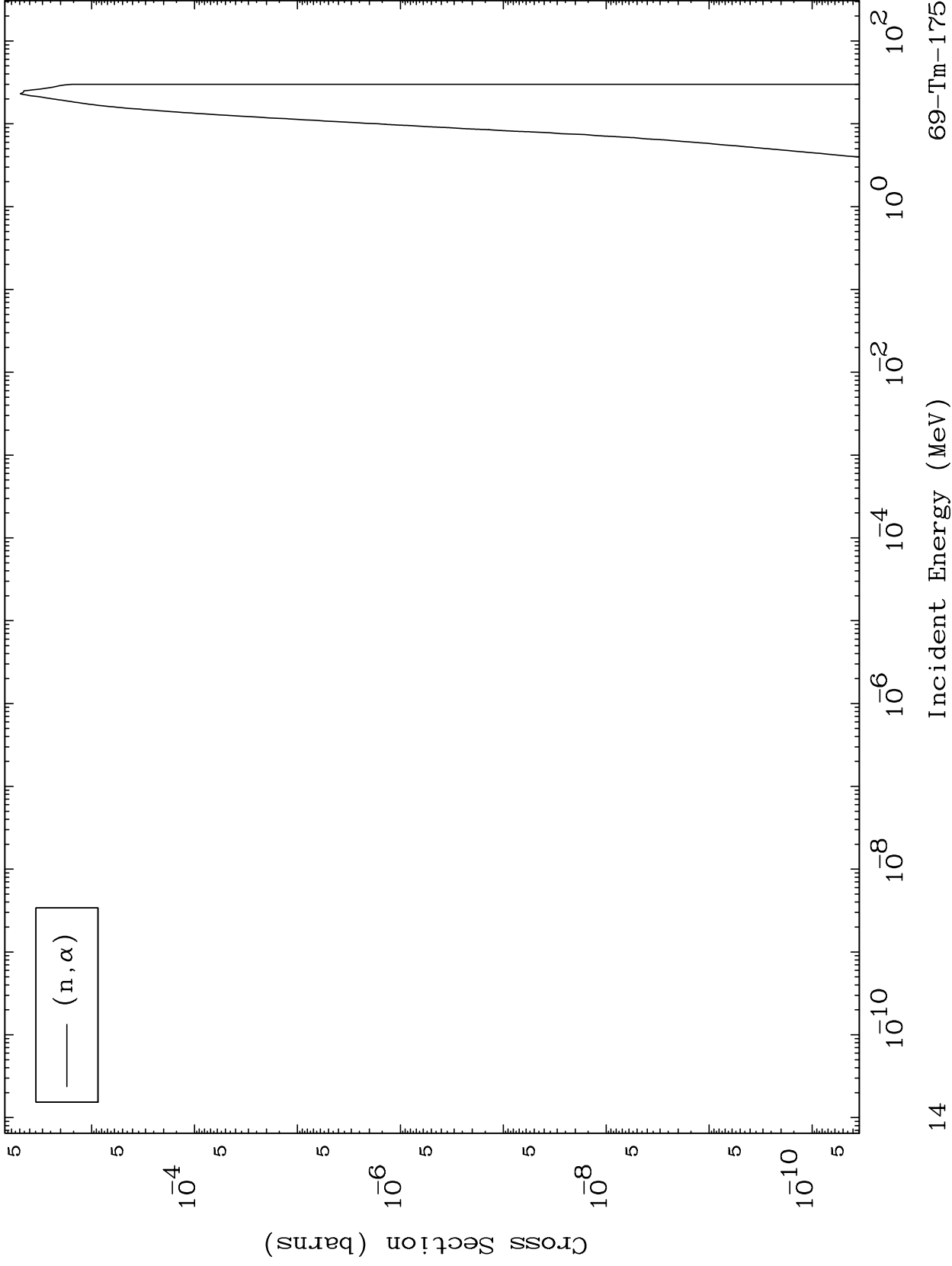
Incident Energy (MeV)

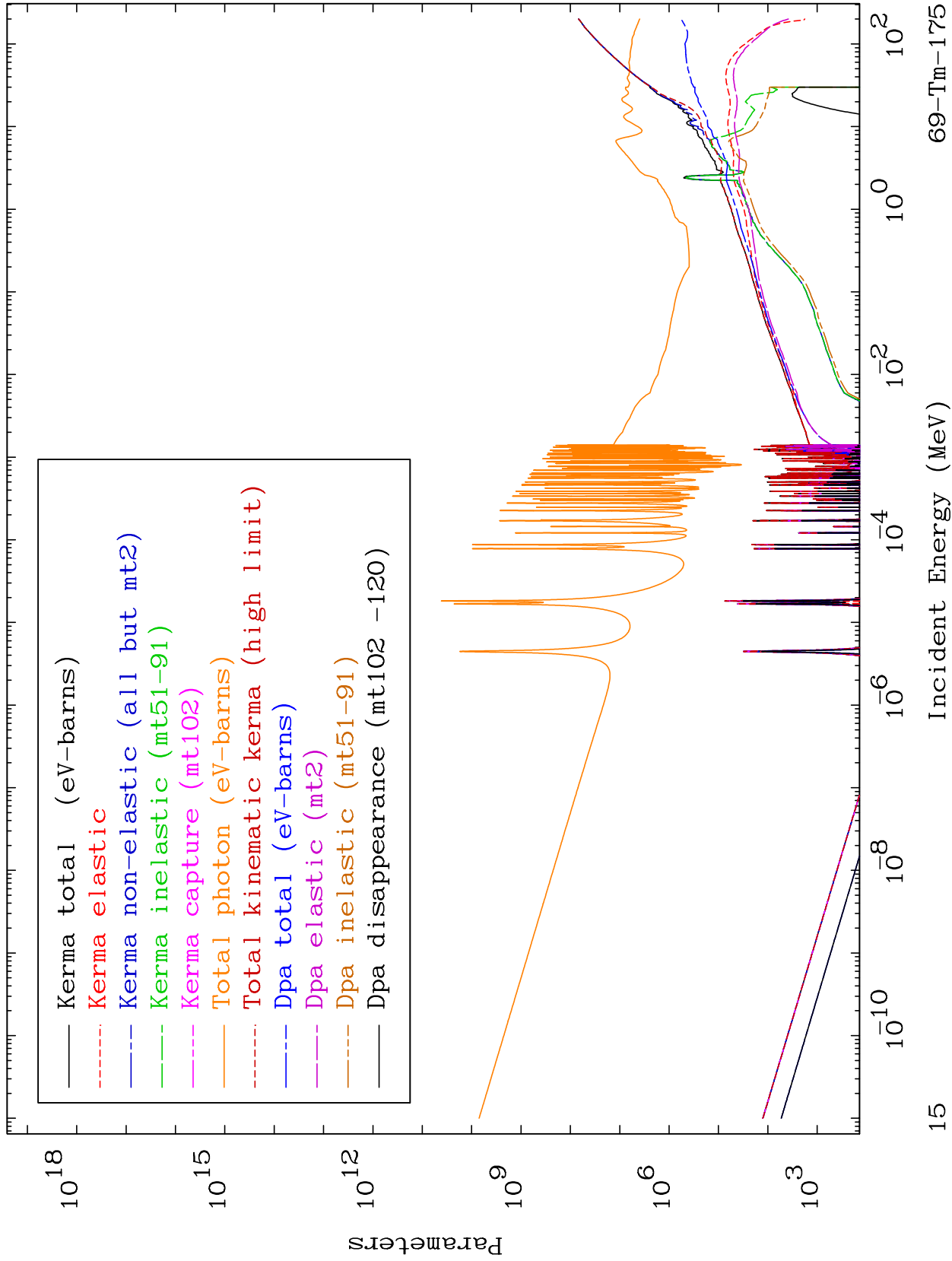
69-Tm-175

MAT 6943

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

69-Tm-175



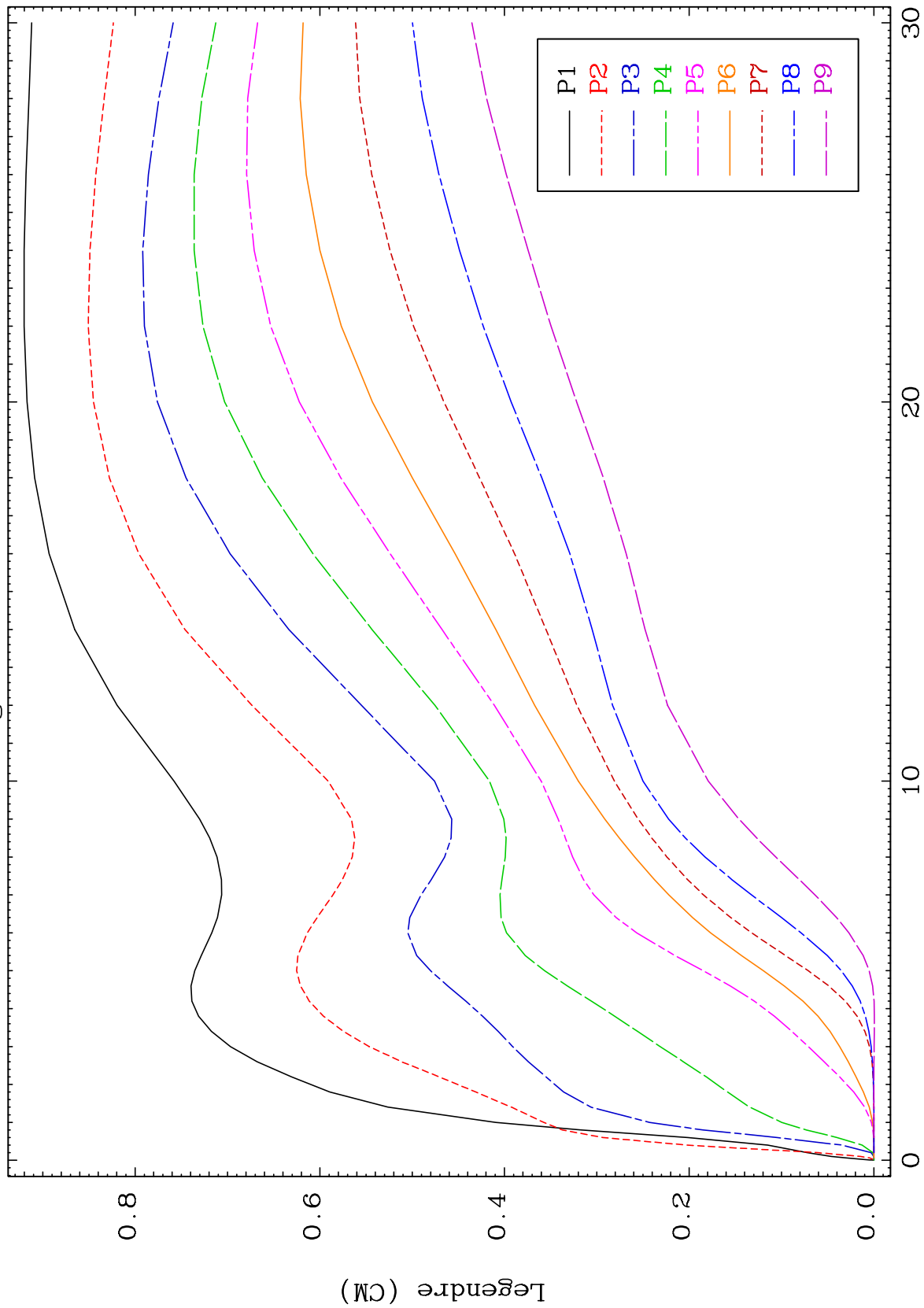




MAT 6943

Elastic Legendre Coefficients

69-Tm-175



16

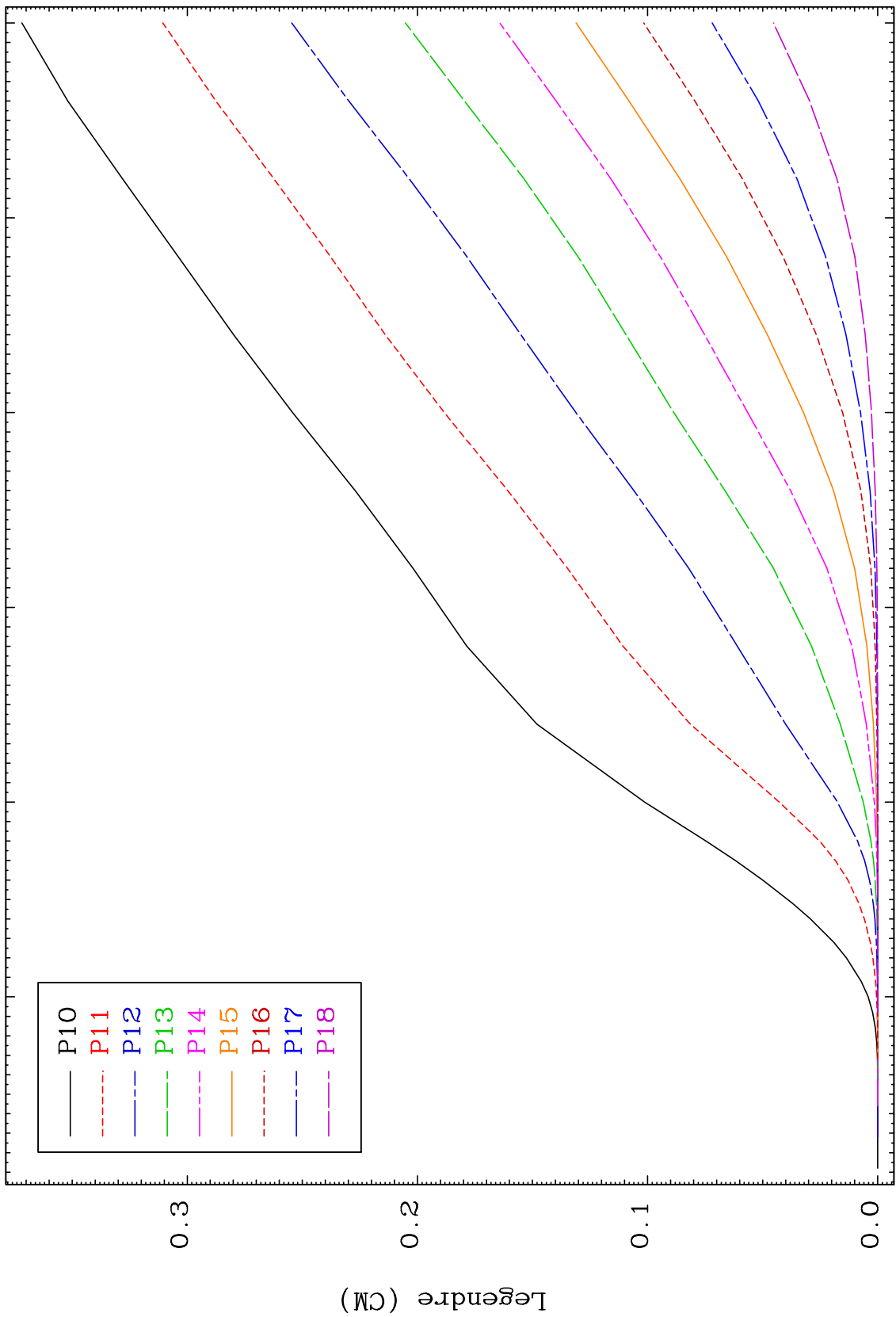
Incident Energy (MeV)

69-Tm-175

MAT 6943

Elastic Legendre Coefficients

69-Tm-175



17

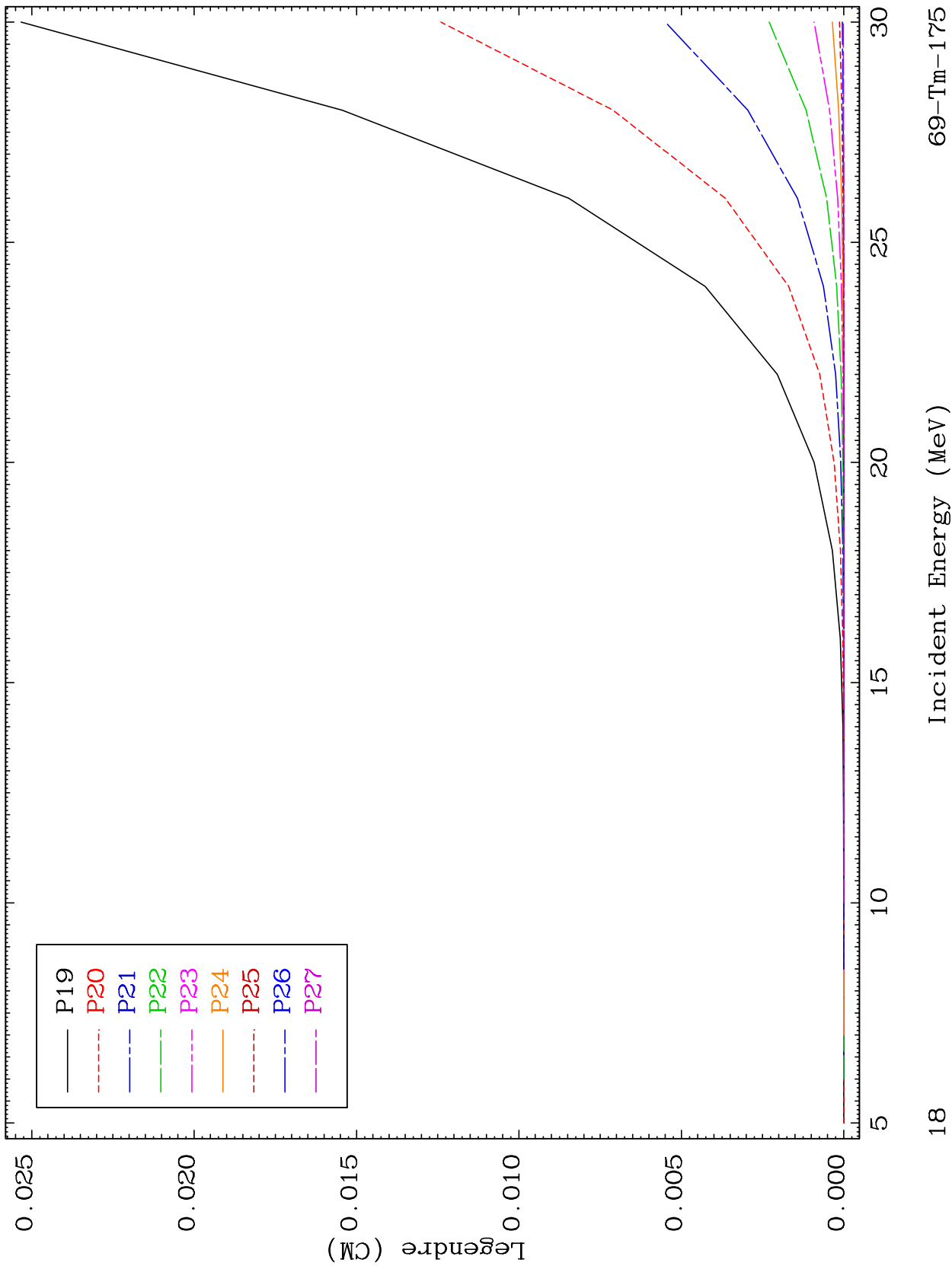
Incident Energy (MeV)

69-Tm-175

MAT 6943

### Elastic Legendre Coefficients

69-Tm-175



18

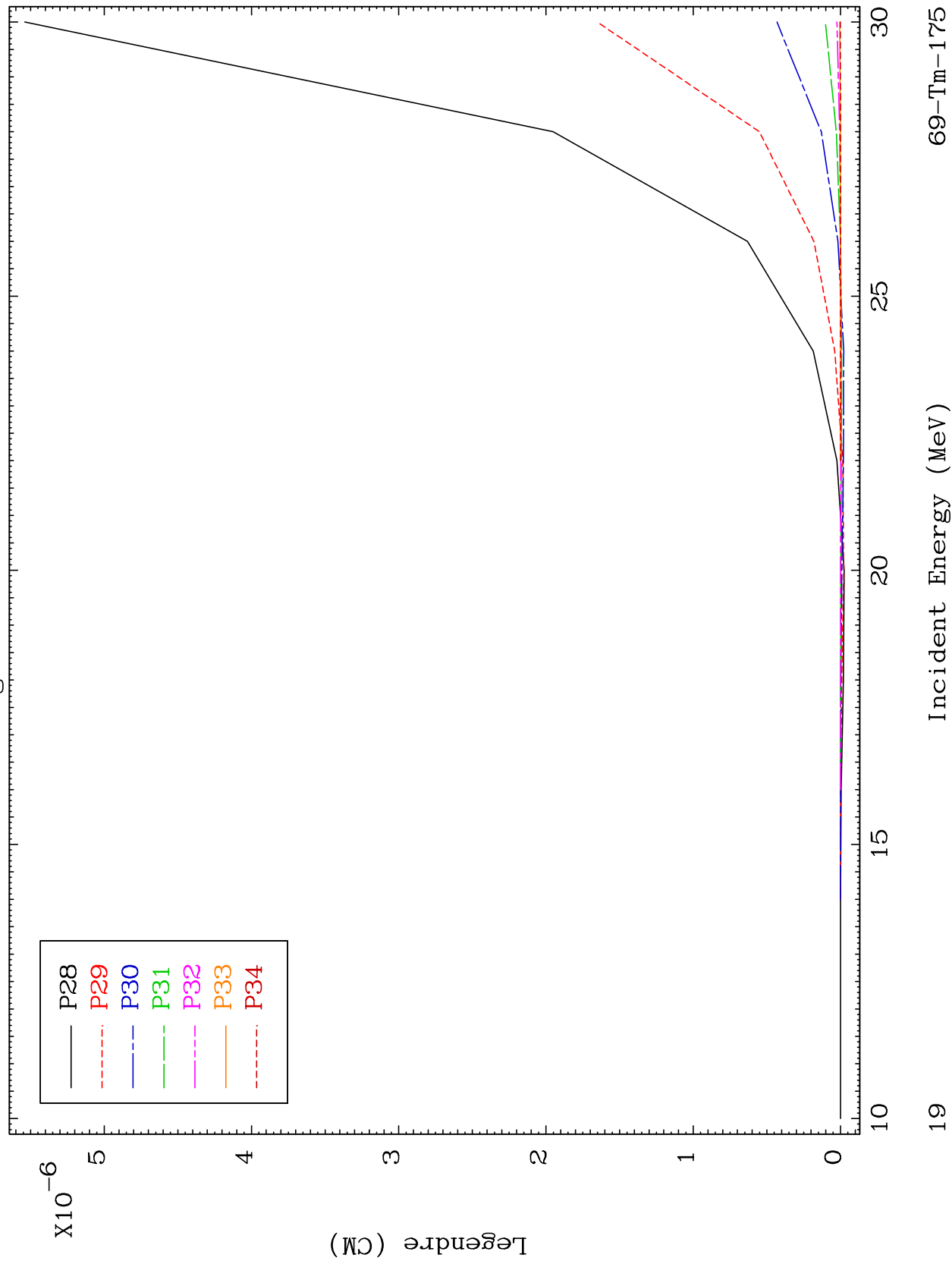
Incident Energy (MeV)

69-Tm-175

MAT 6943

Elastic  
Legendre Coefficients

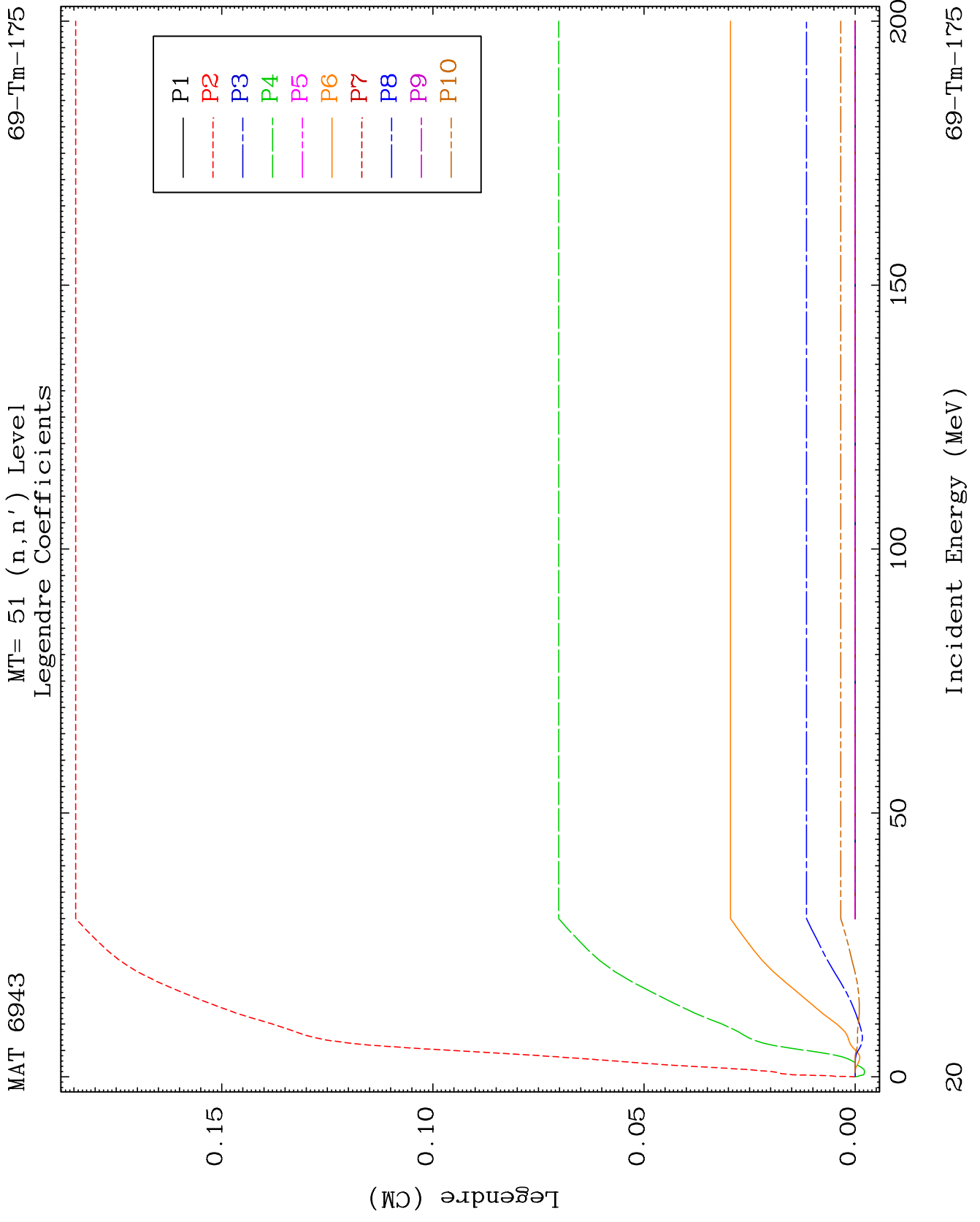
69-Tm-175



10

Incident Energy (MeV)

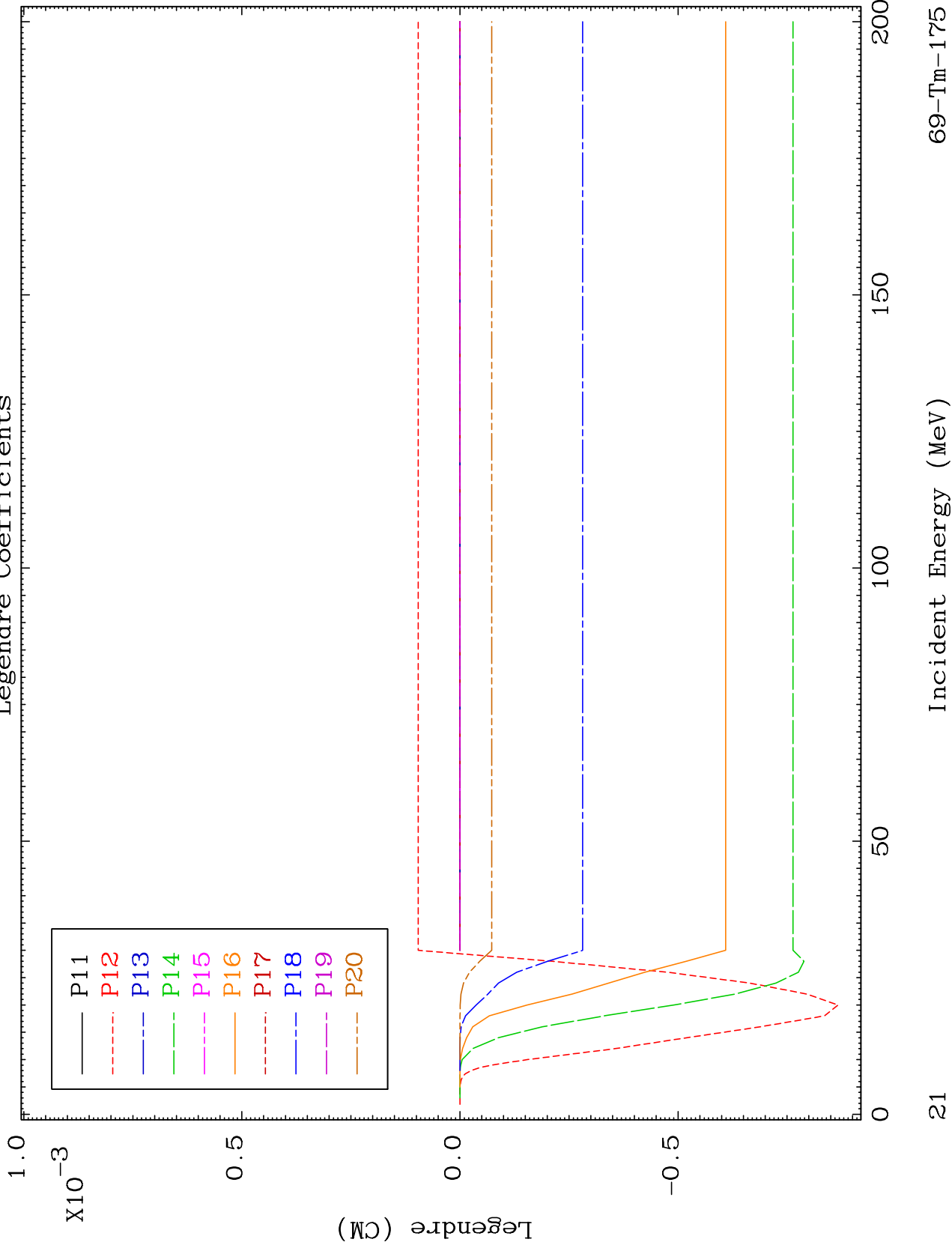
69-Tm-175



MAT 6943

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

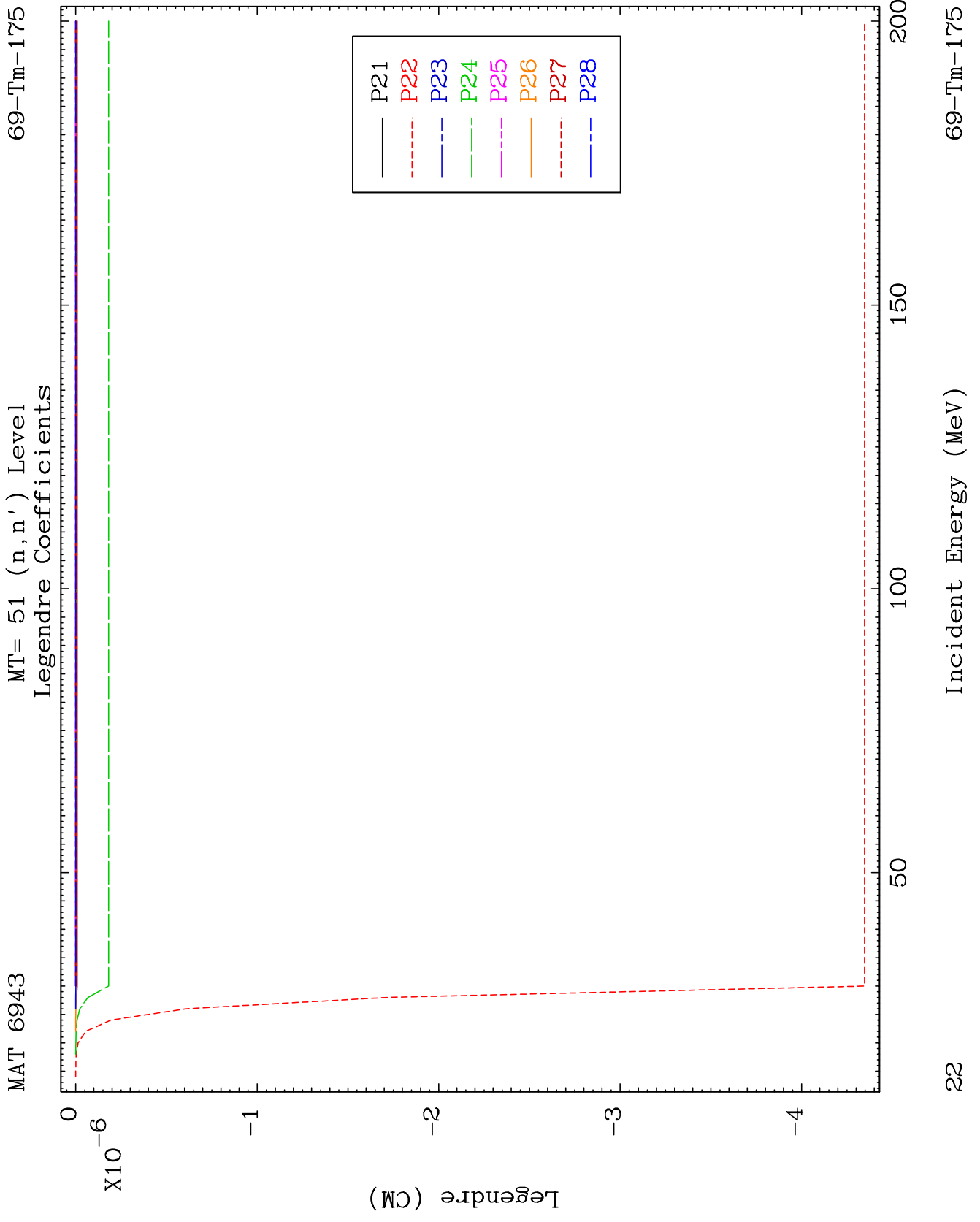
69-Tm-175



21

Incident Energy (MeV)

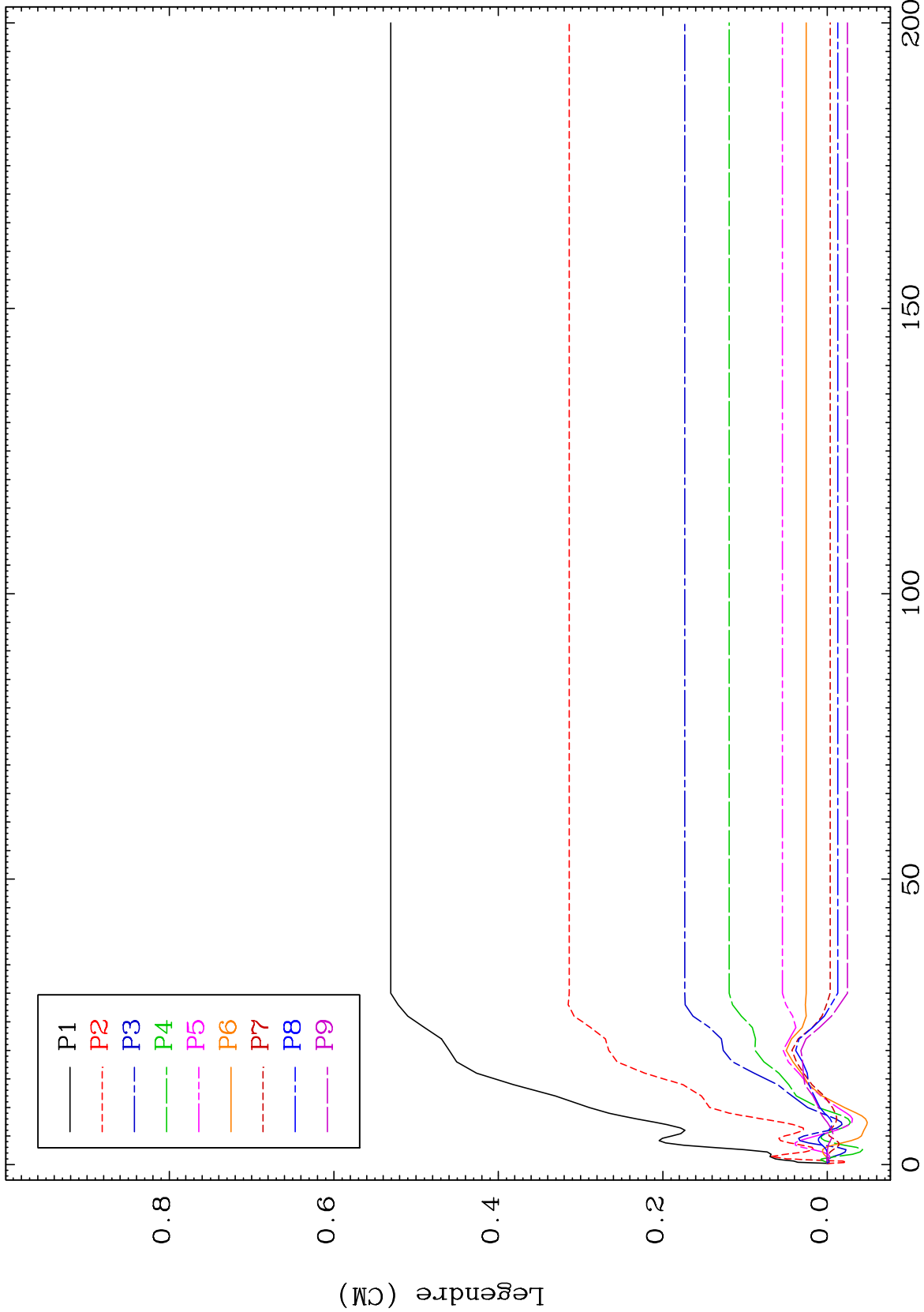
69-Tm-175



MAT 6943

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

69-Tm-175



23

Incident Energy (MeV)

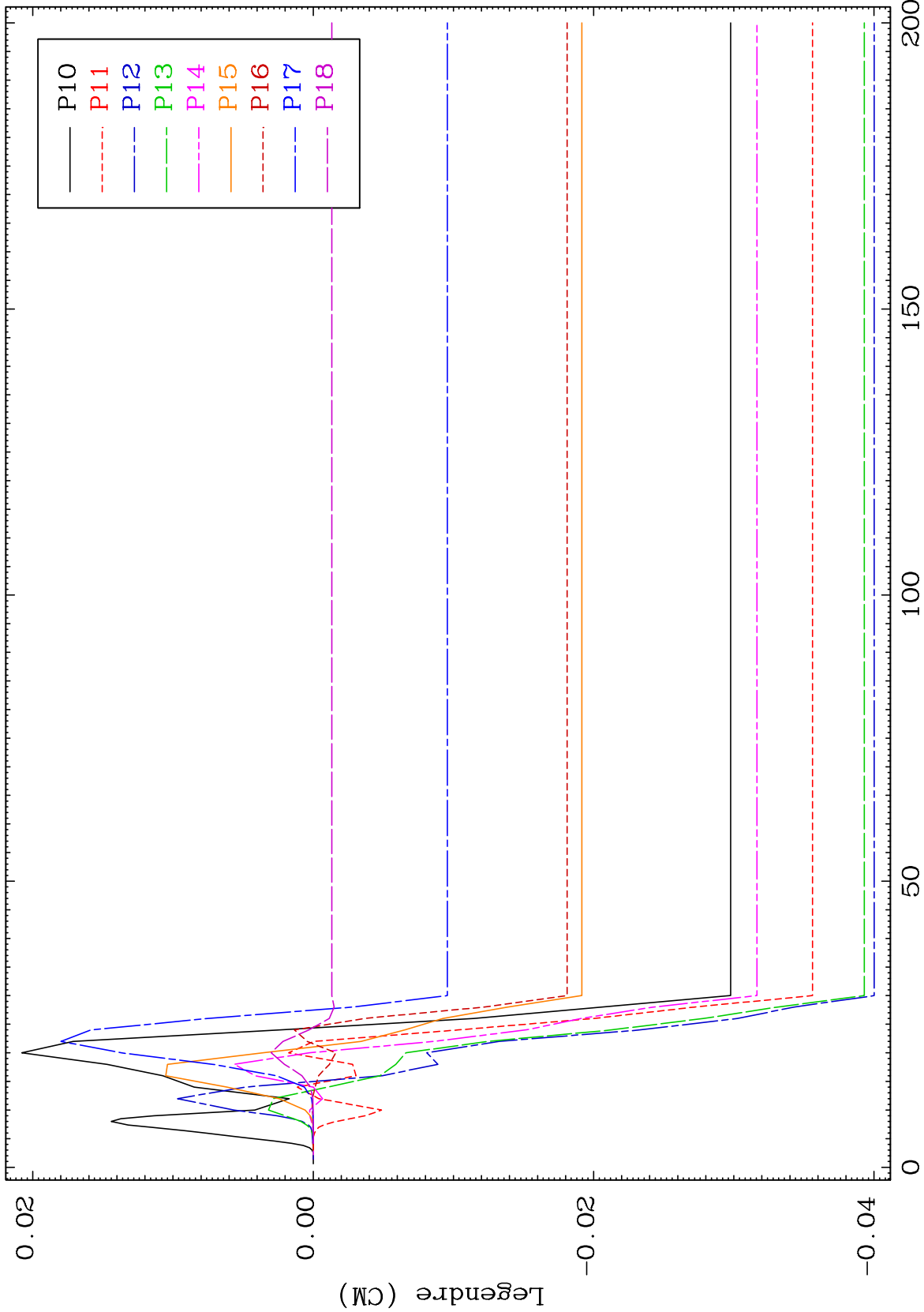
69-Tm-175



MAT 6943

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

69-Tm-175



24

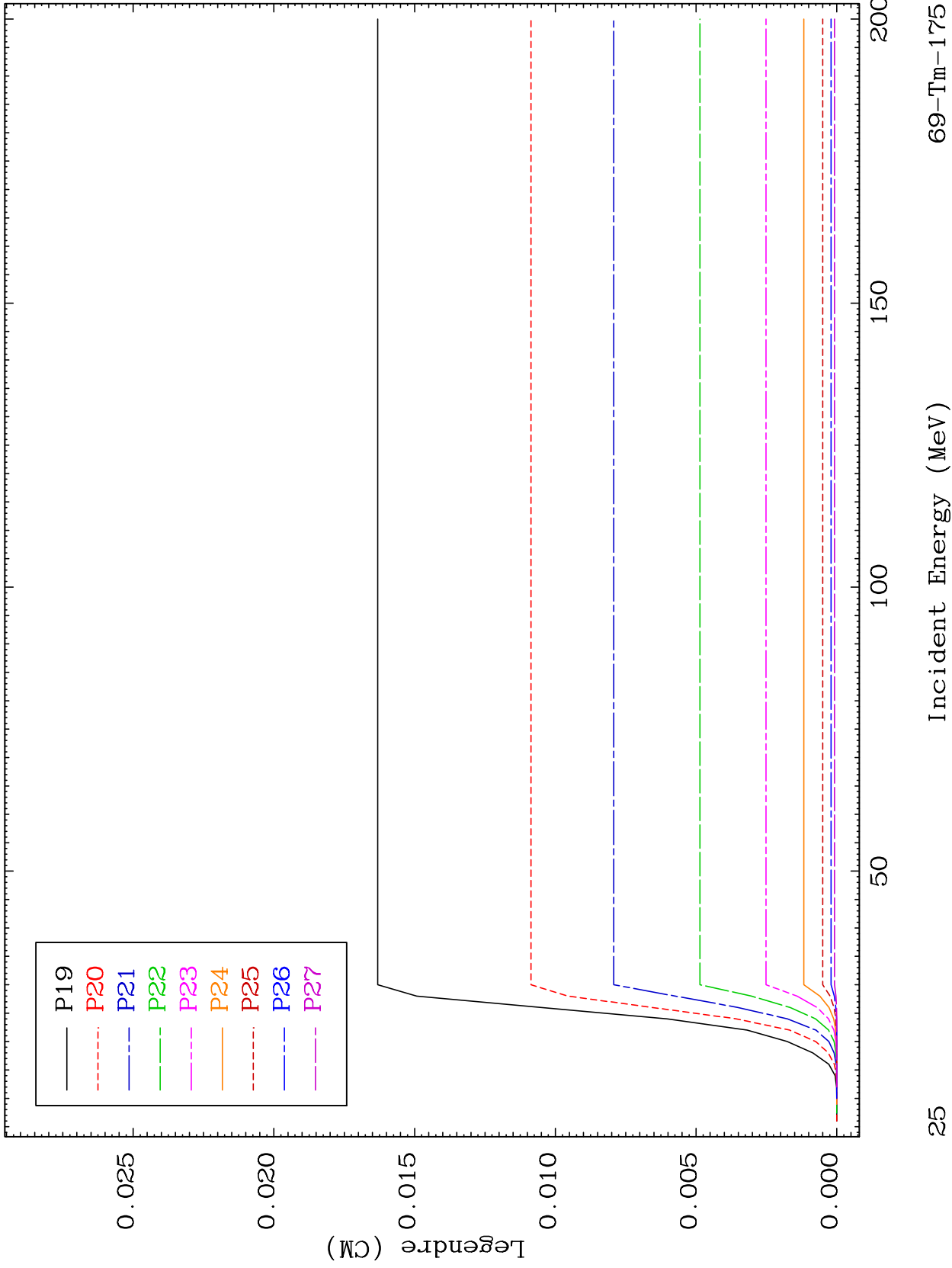
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



25

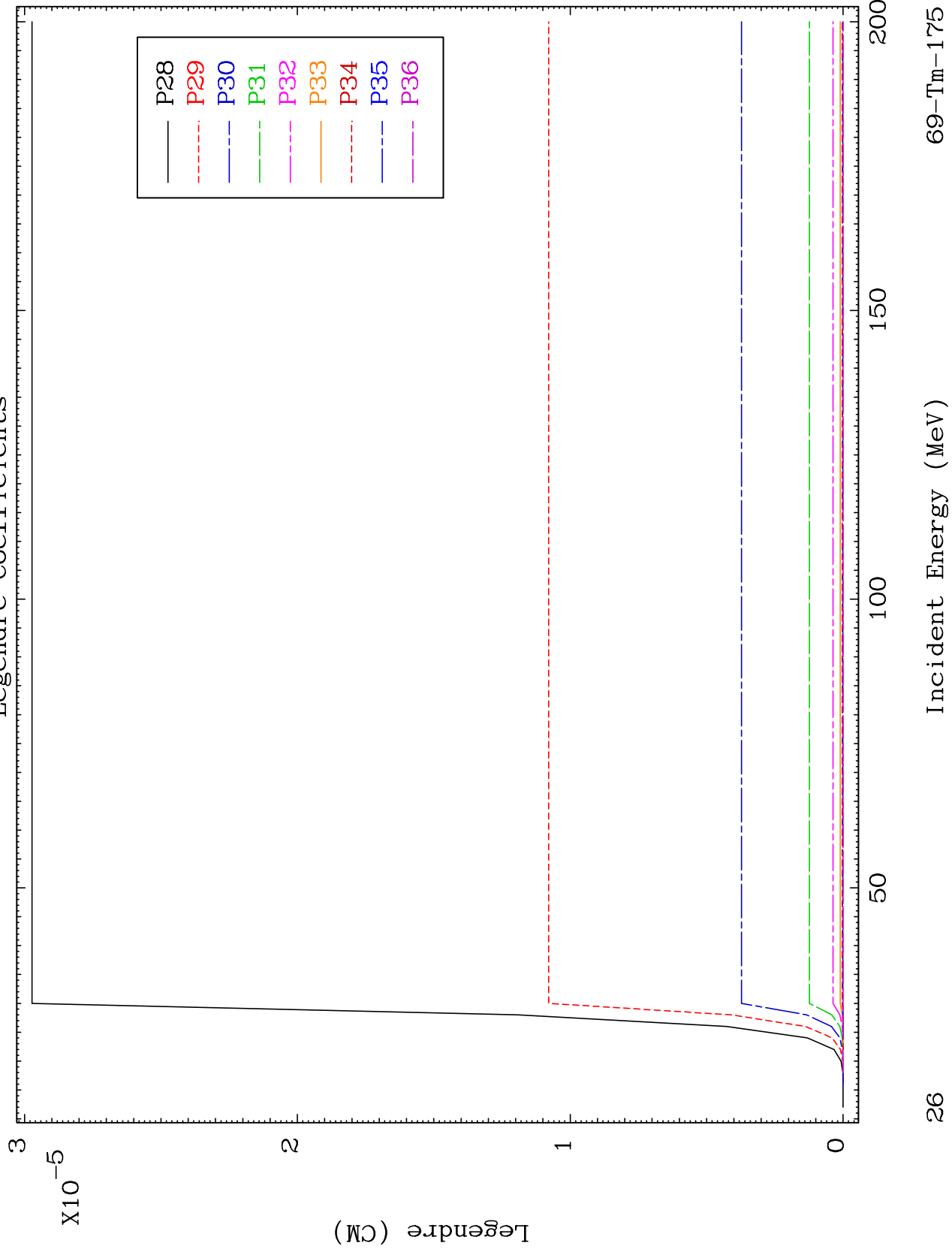
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



26

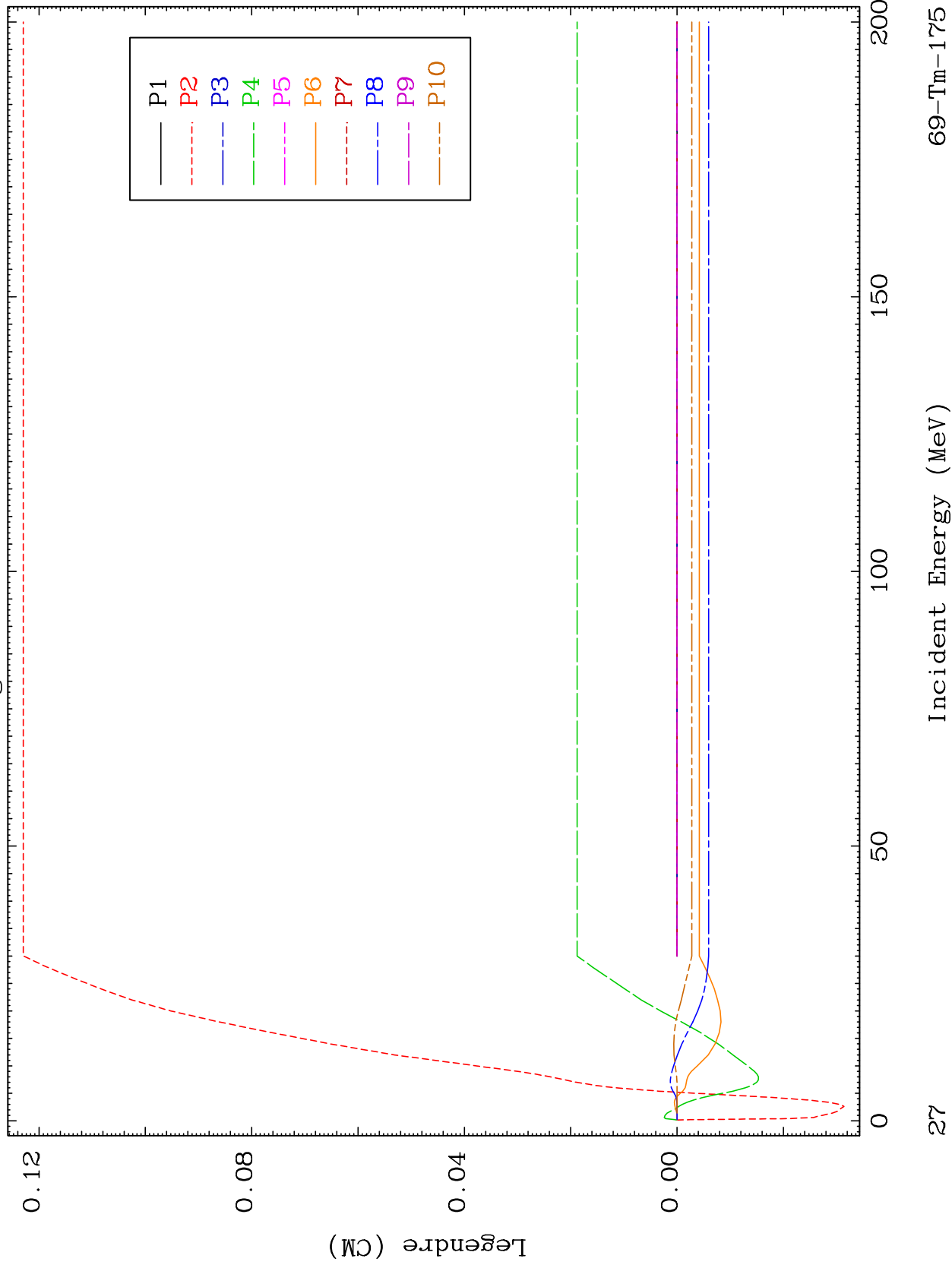
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

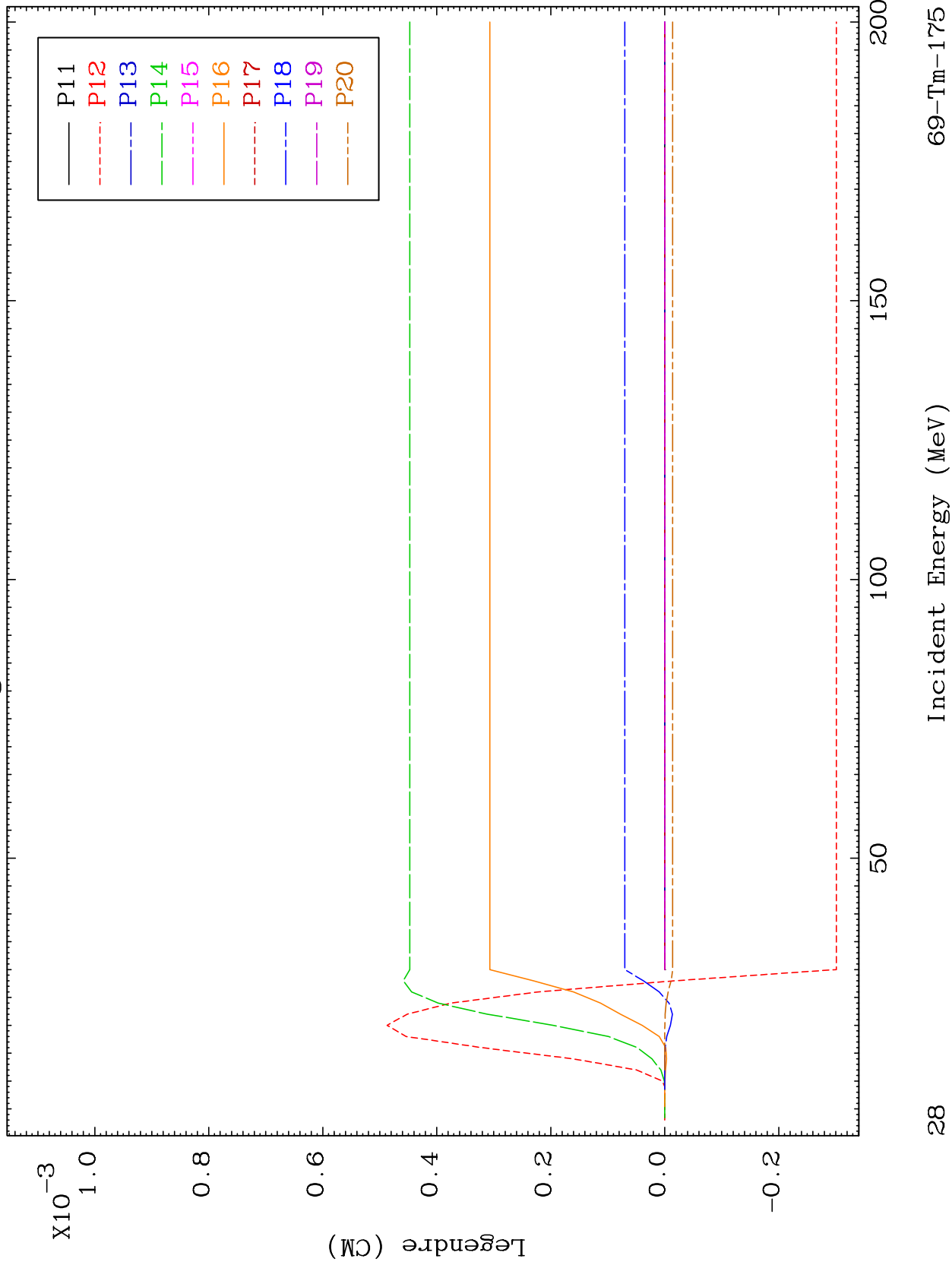
Incident Energy (MeV)

27

MAT 6943

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

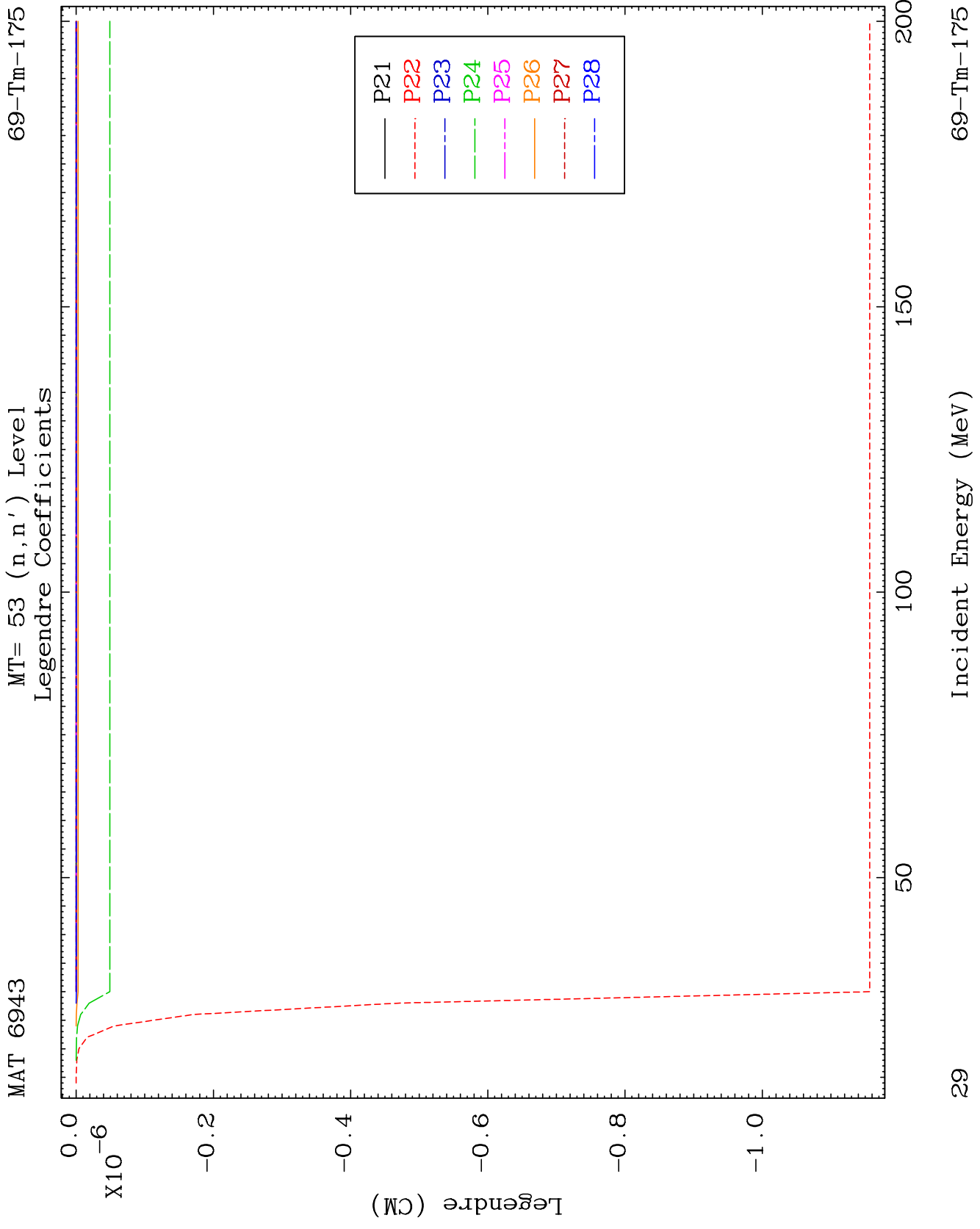
69-Tm-175



28

Incident Energy (MeV)

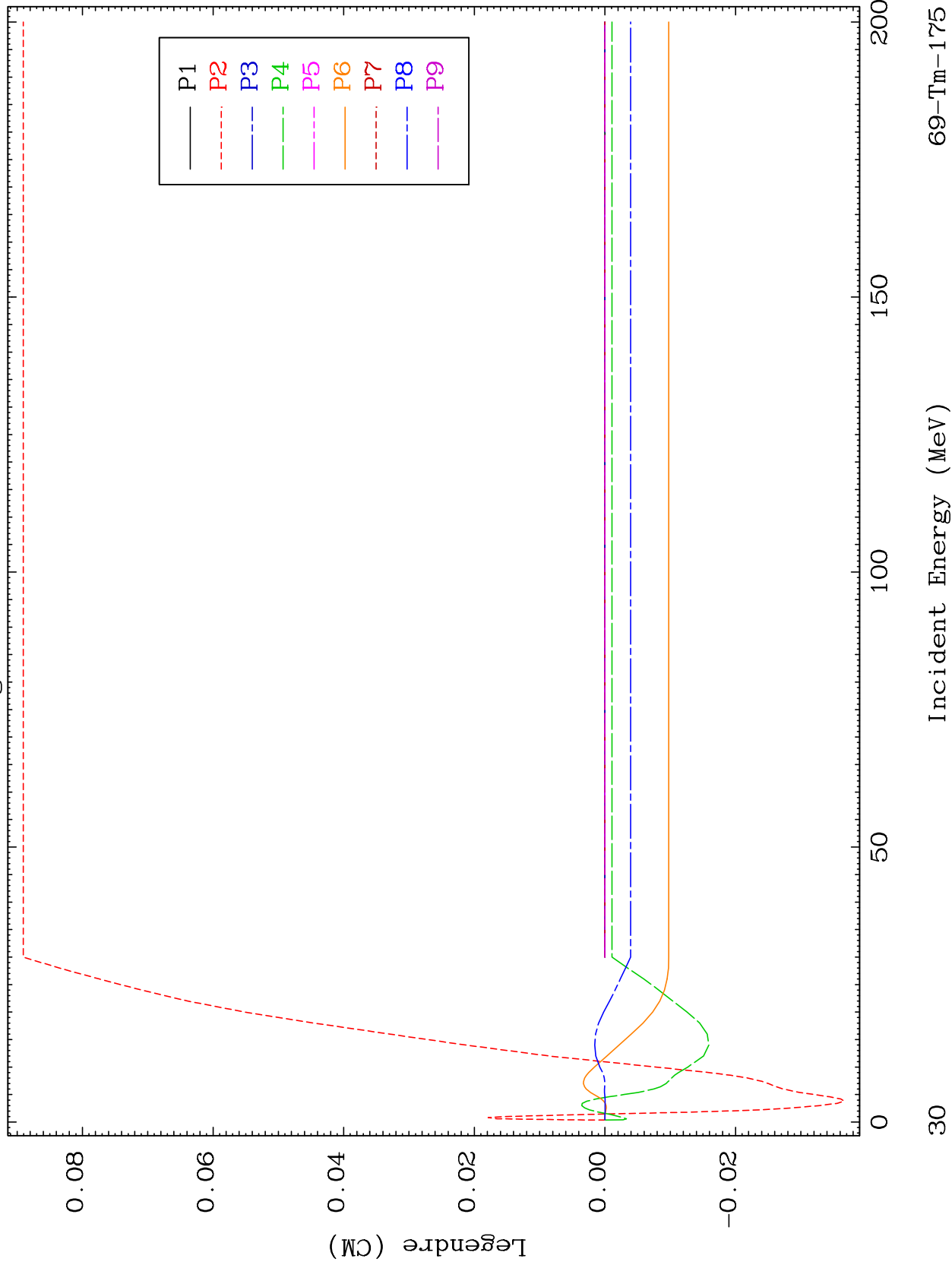
69-Tm-175



MAT 6943

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

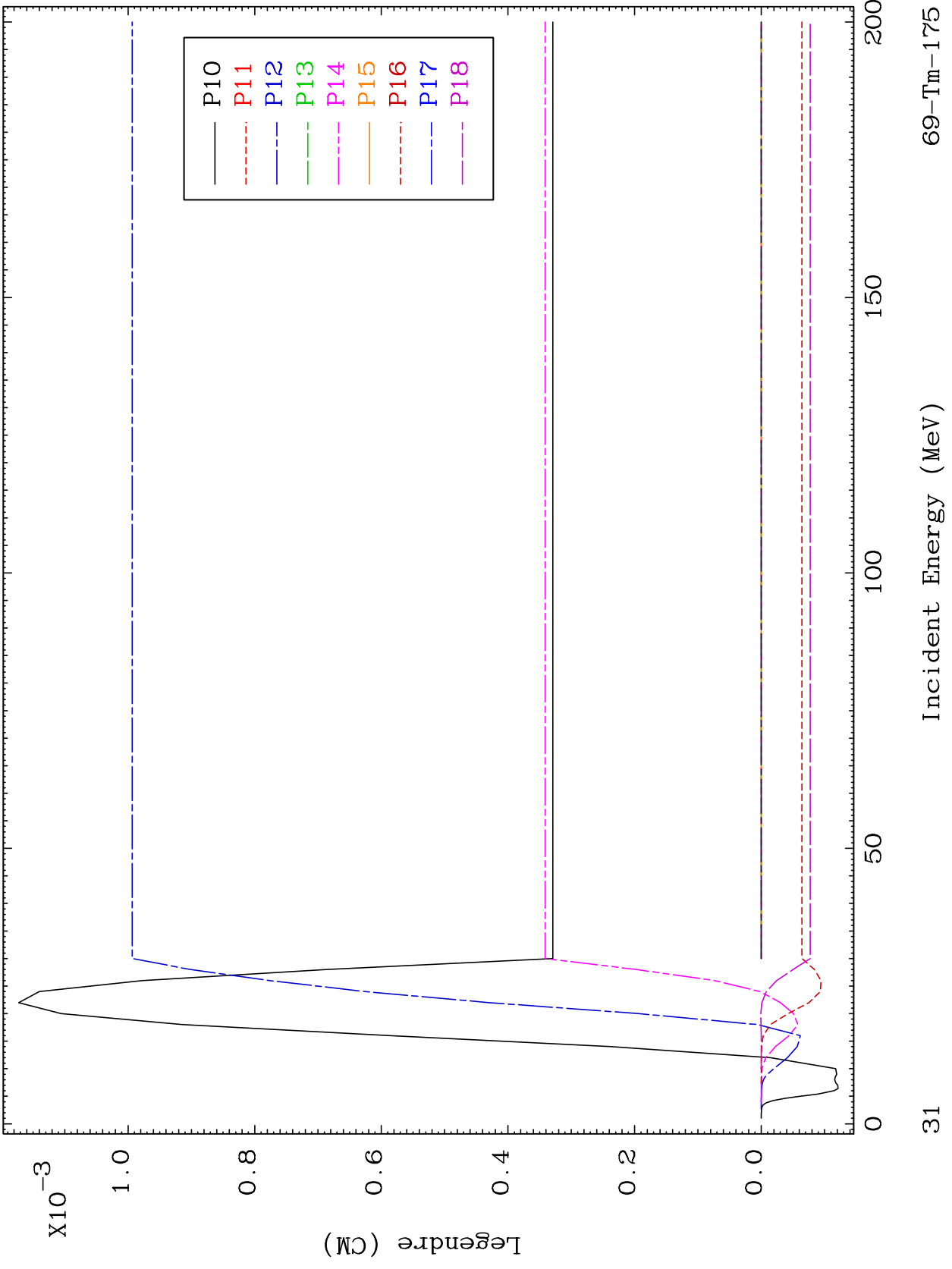
69-Tm-175



MAT 6943

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

69-Tm-175

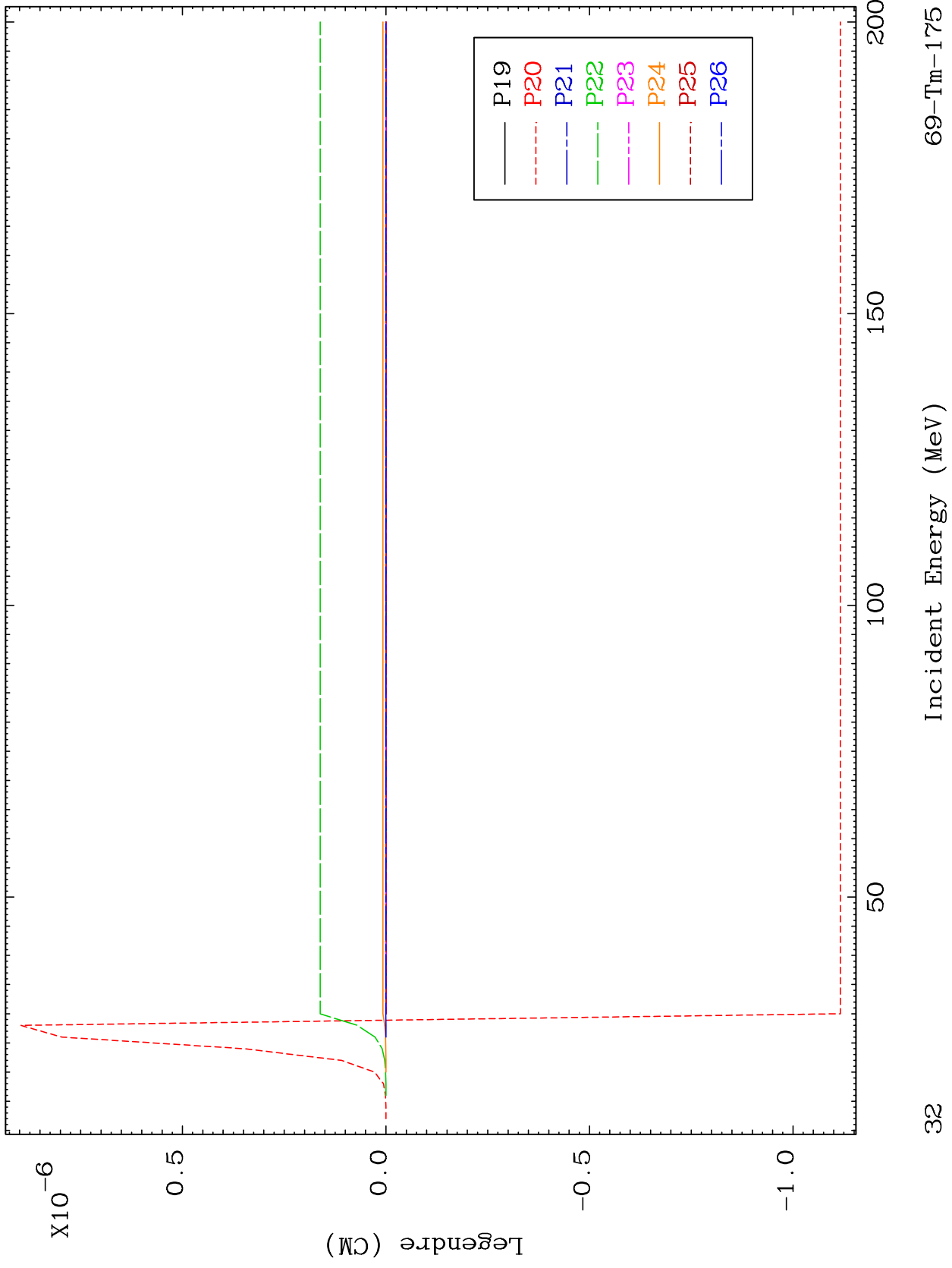




MAT 6943

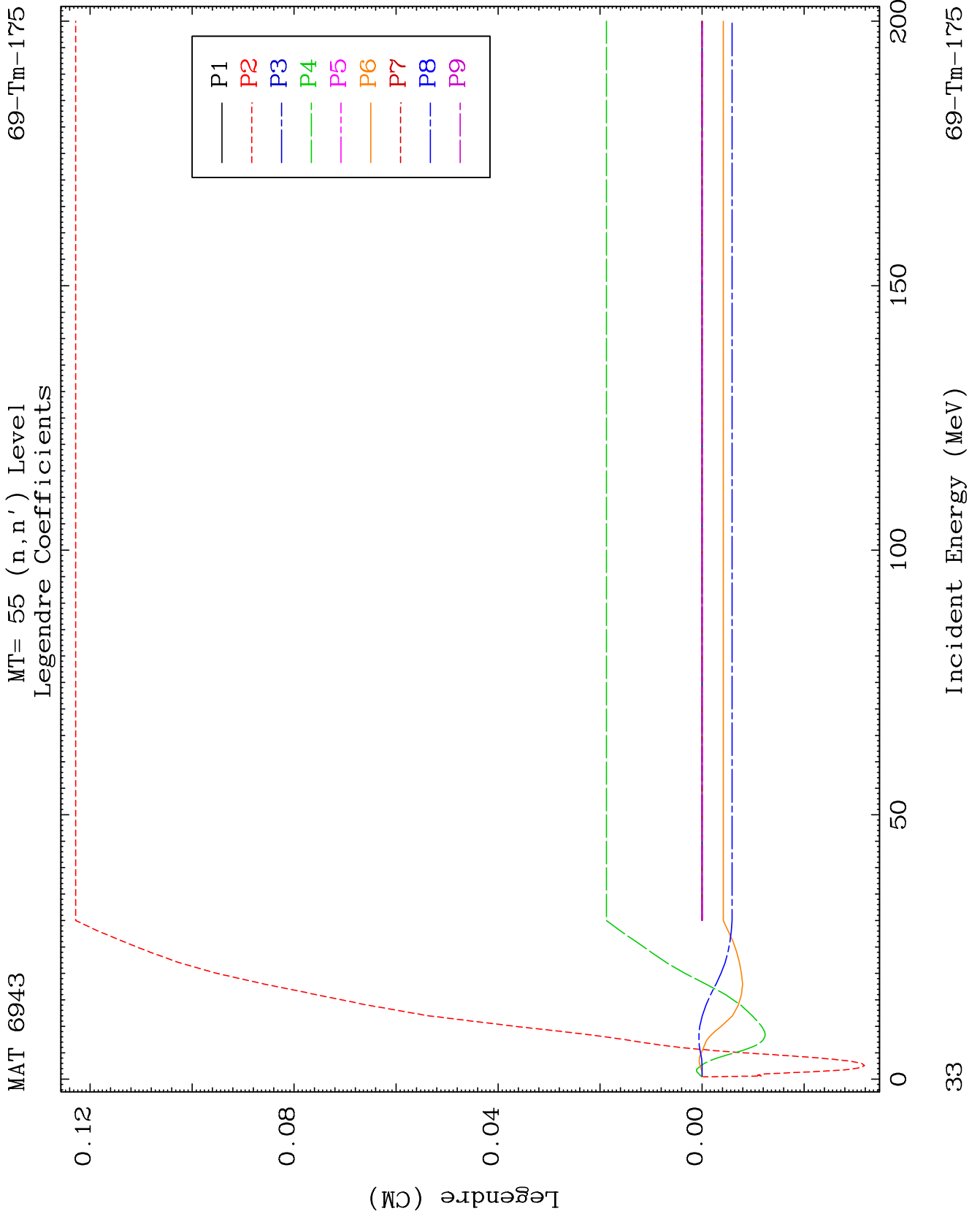
MT= 54 (n,n') Level  
Legendre Coefficients

69-Tm-175



32

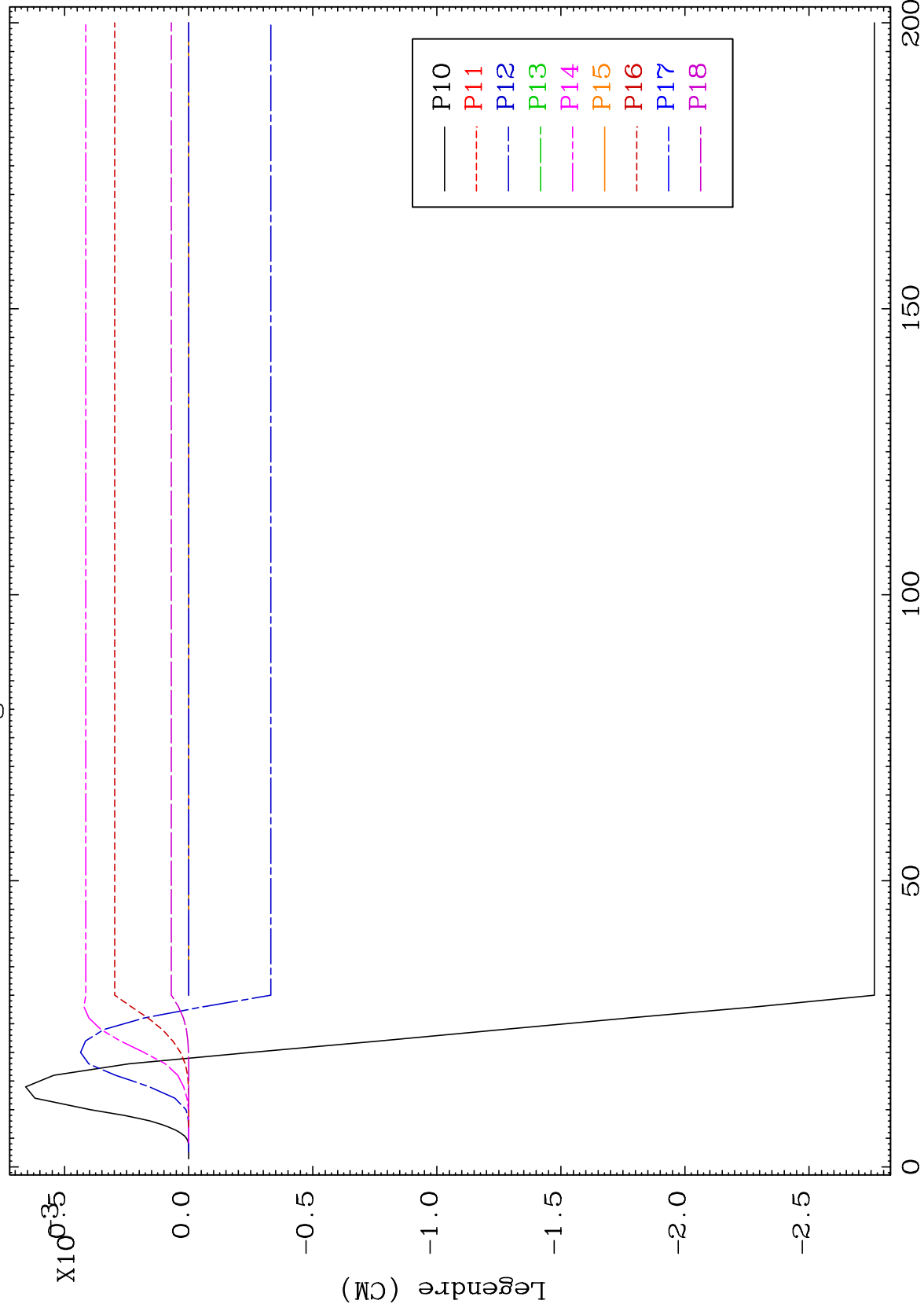
69-Tm-175



MAT 6943

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

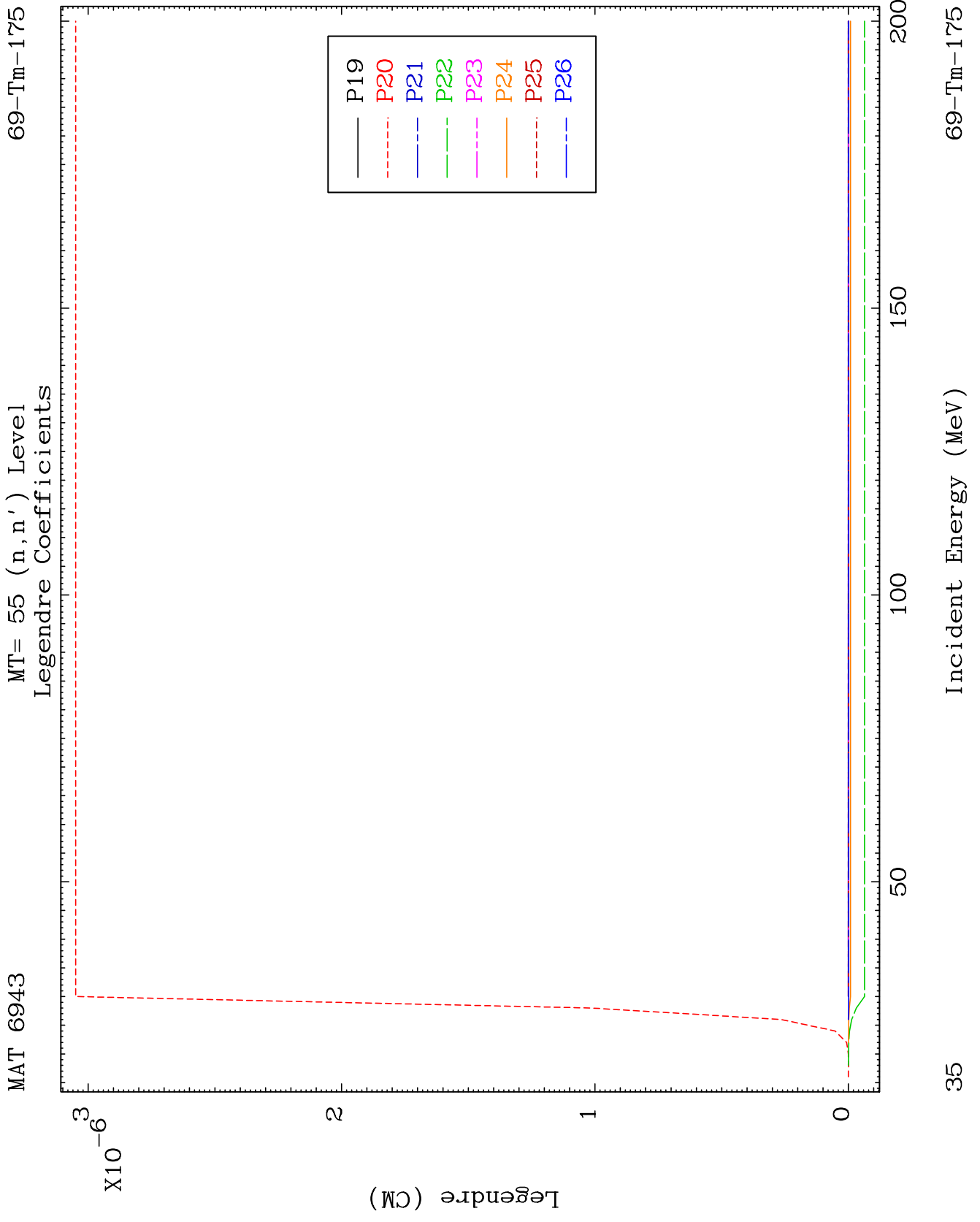
69-Tm-175



34

Incident Energy (MeV)

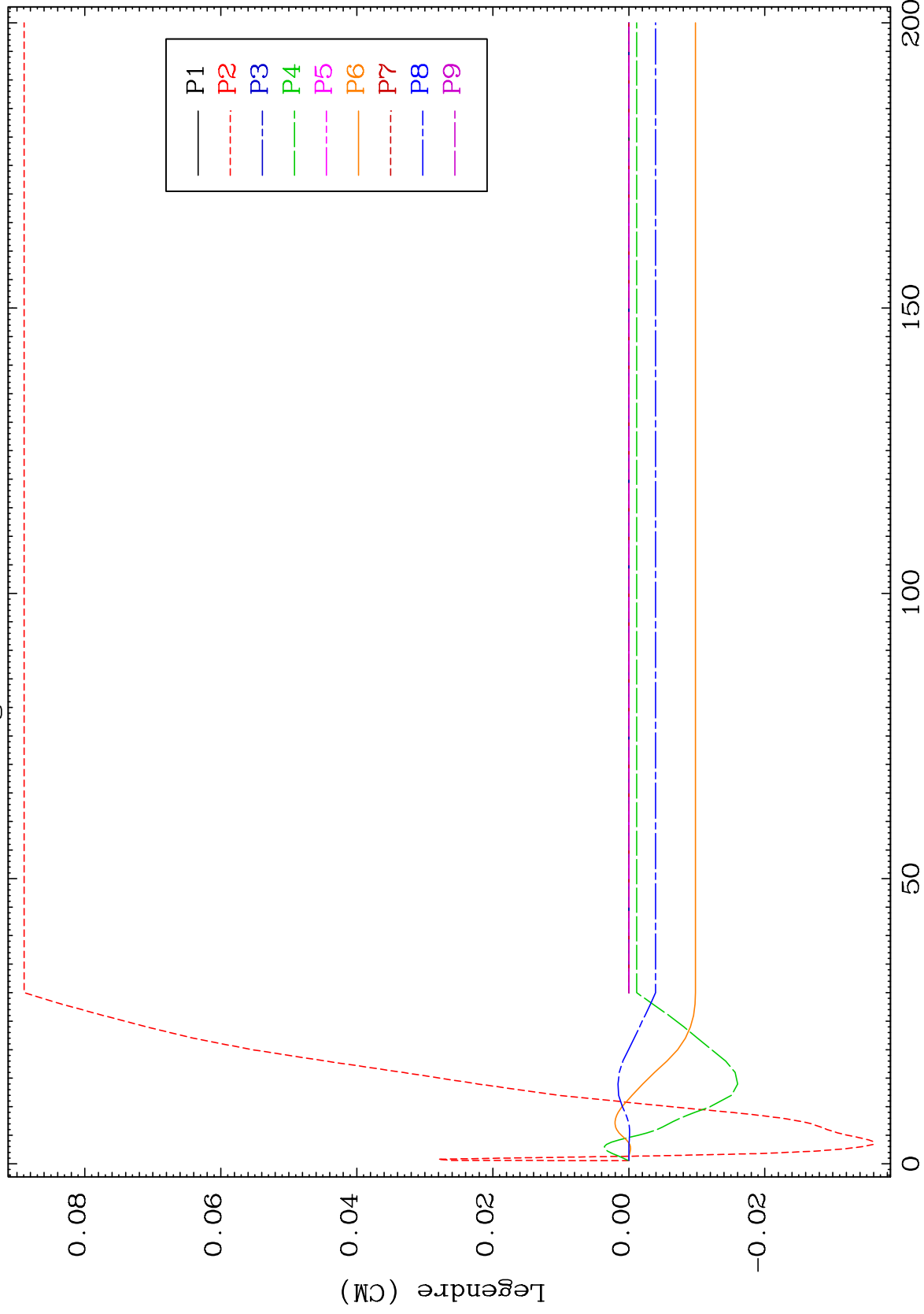
69-Tm-175



MAT 6943

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

69-Tm-175



36

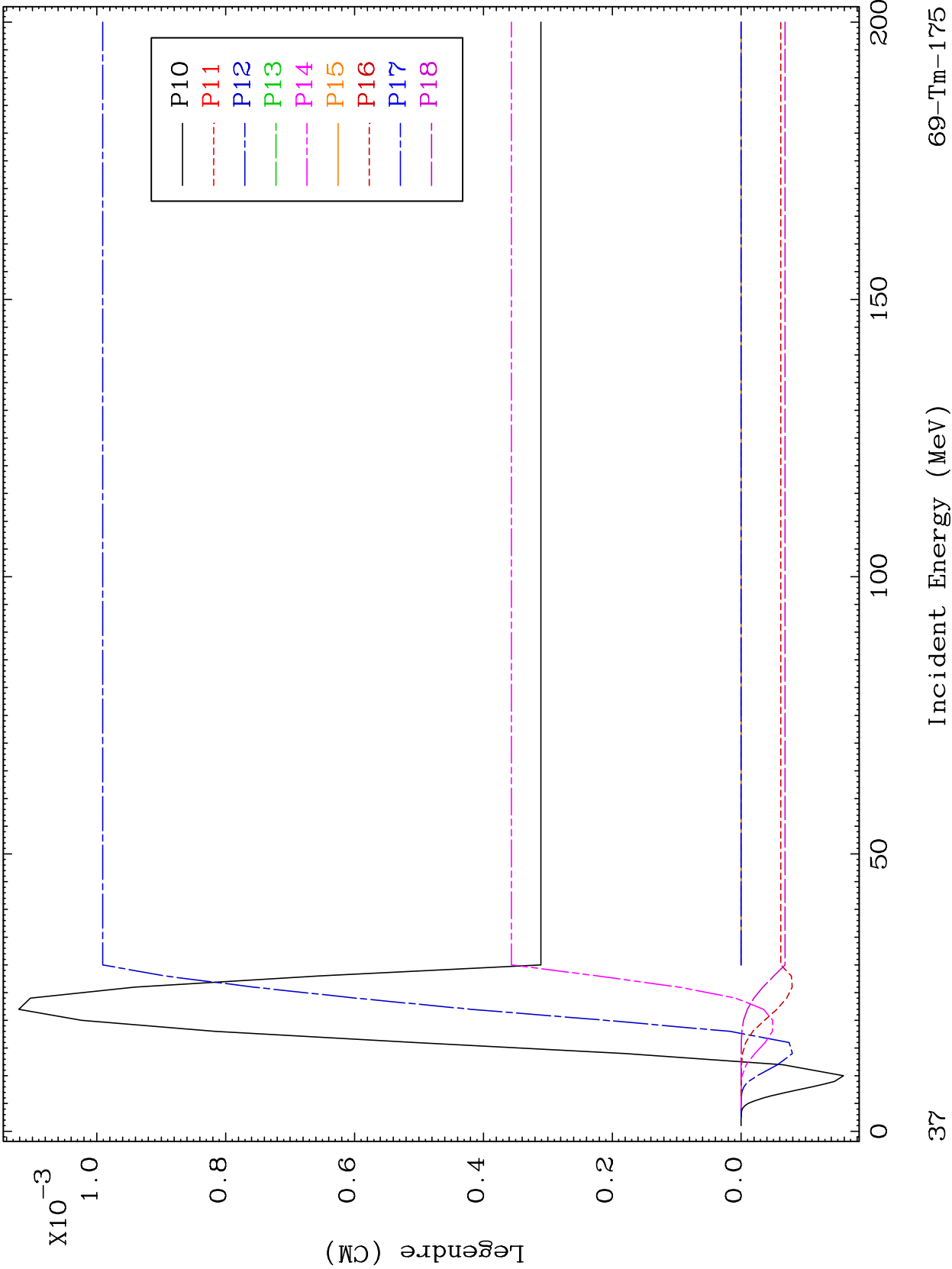
Incident Energy (MeV)

69-Tm-175

MAT 6943

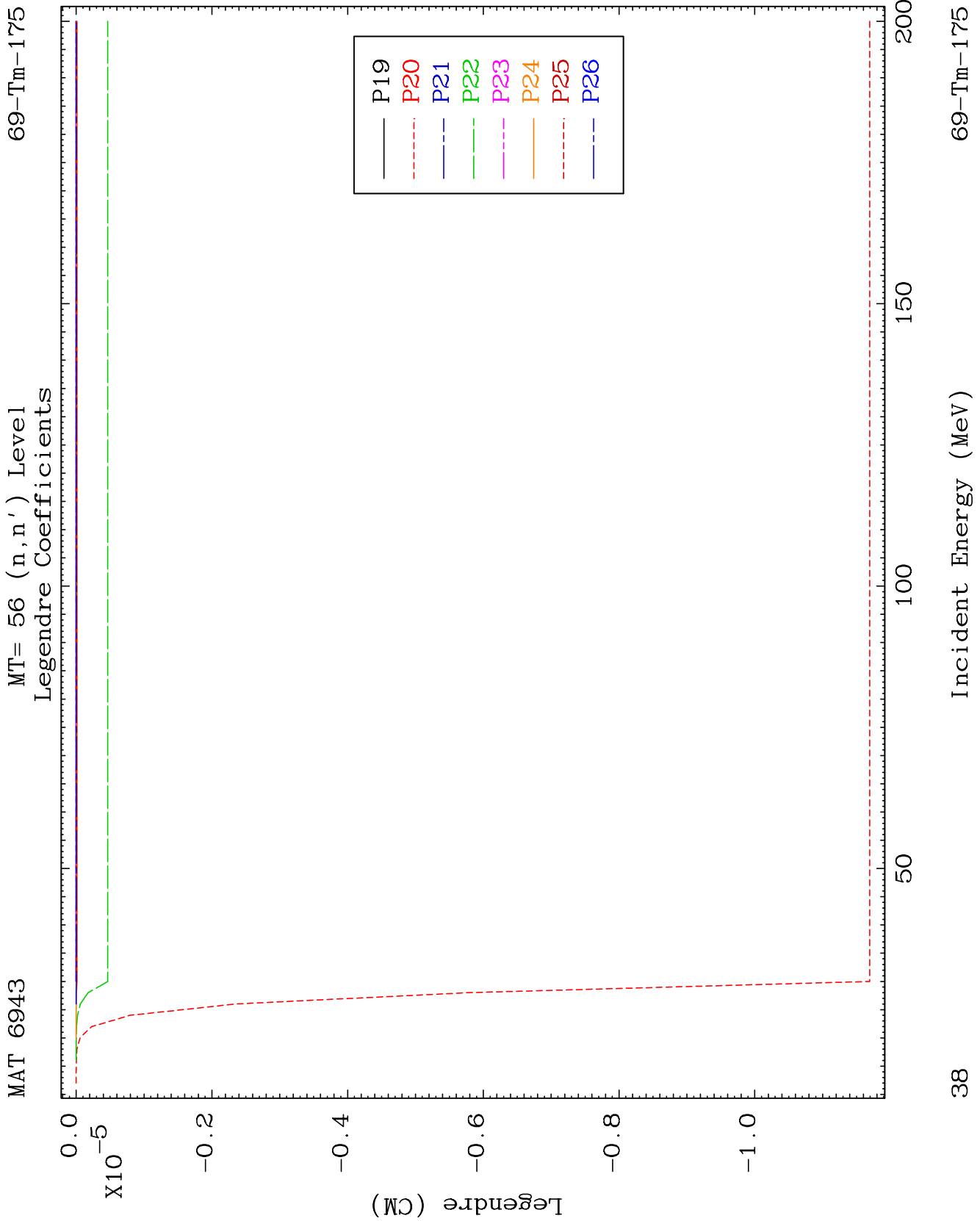
MT= 56 (n,n') Level  
Legendre Coefficients

69-Tm-175



37

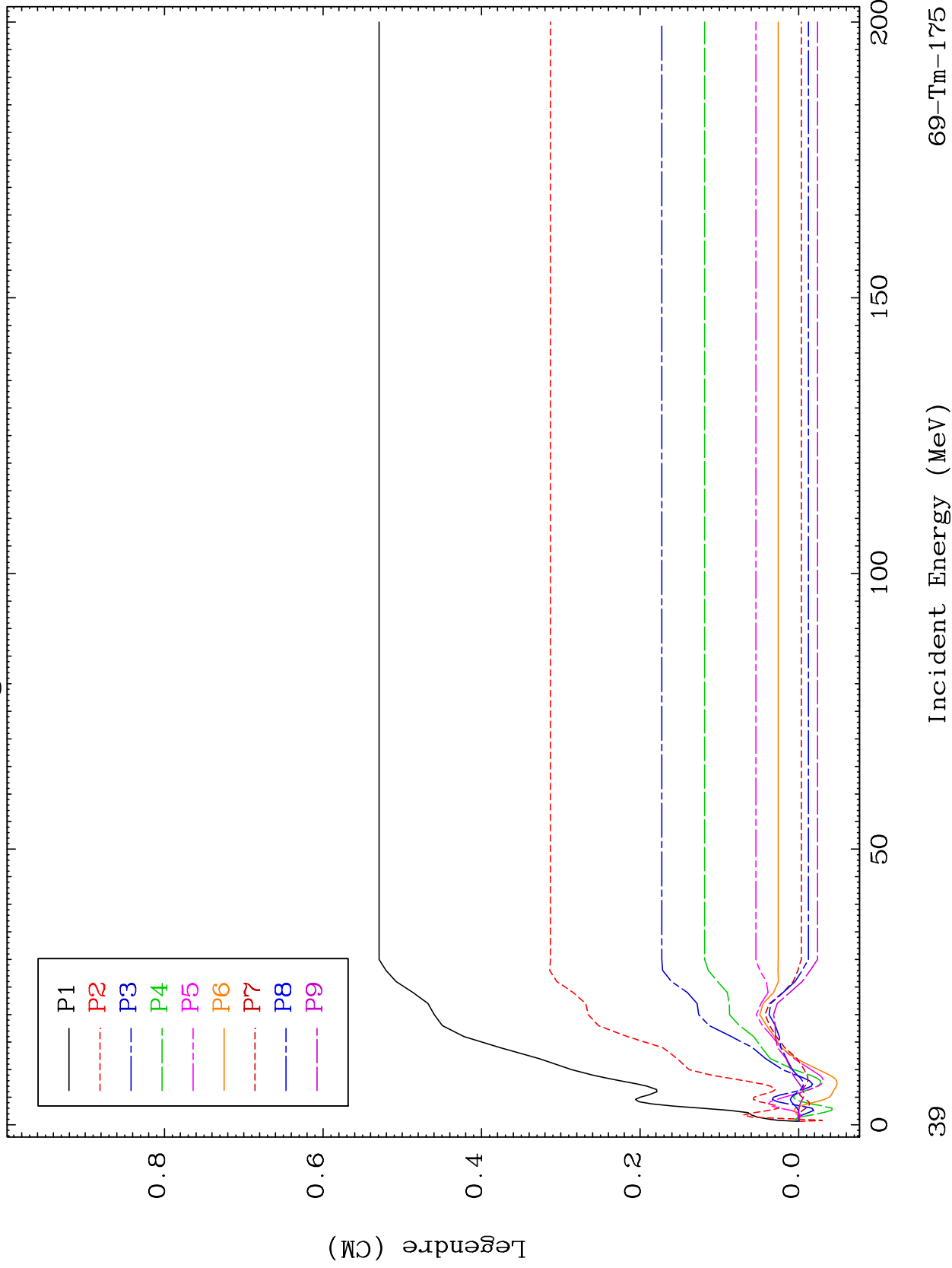
69-Tm-175



MAT 6943

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

69-Tm-175



39

Incident Energy (MeV)

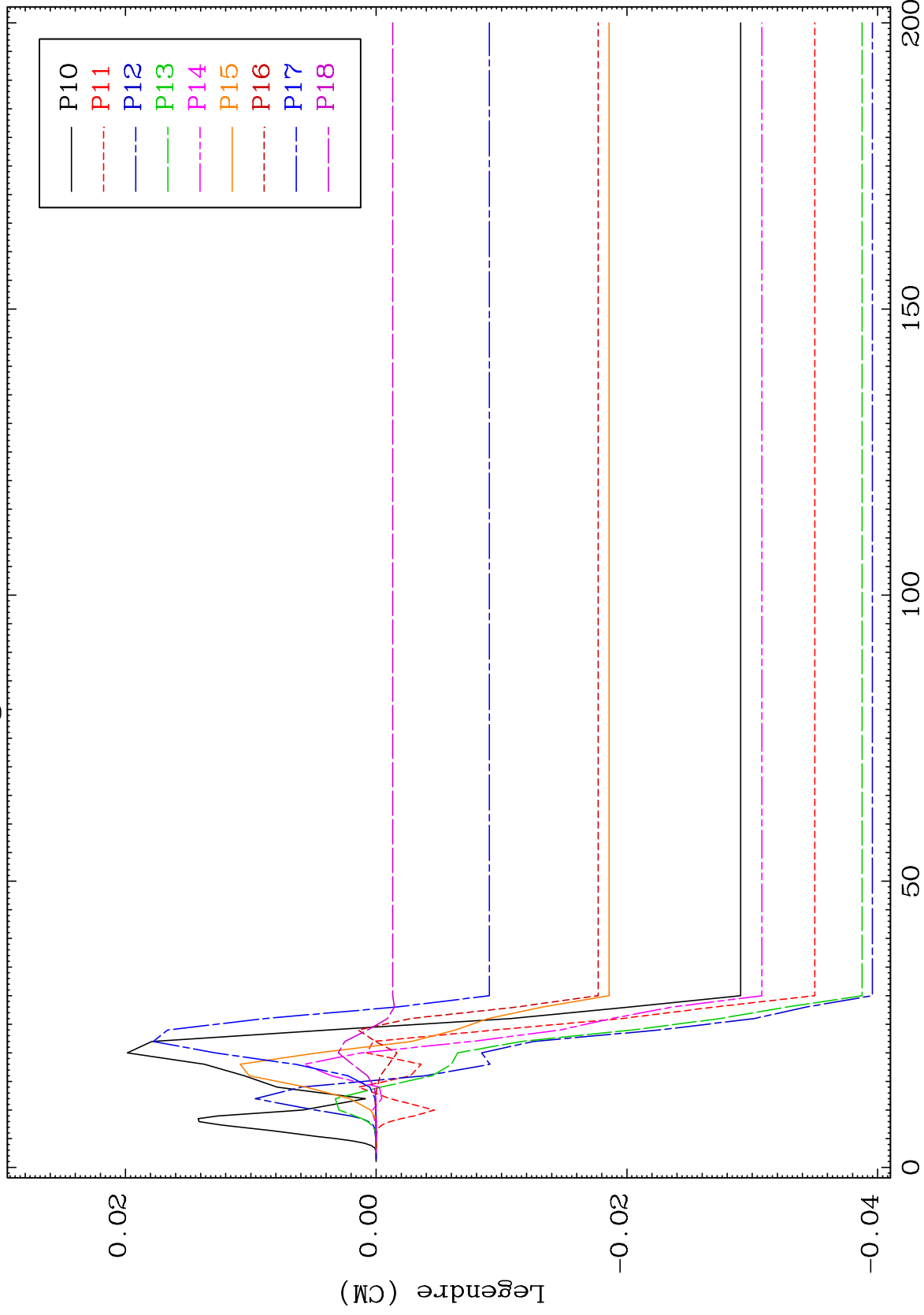
69-Tm-175



MAT 6943

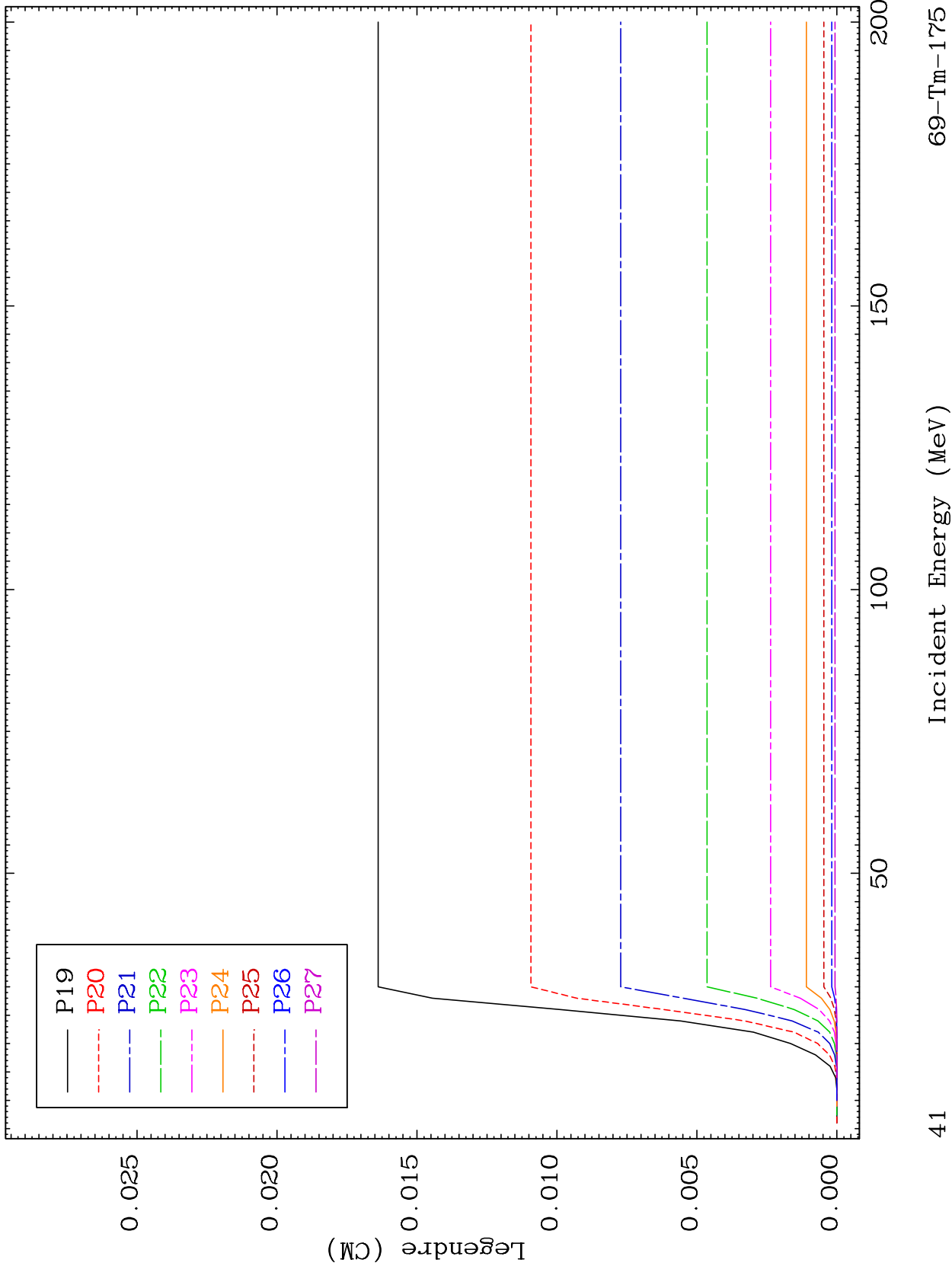
MT= 57 (n,n') Level  
Legendre Coefficients

69-Tm-175



Incident Energy (MeV)

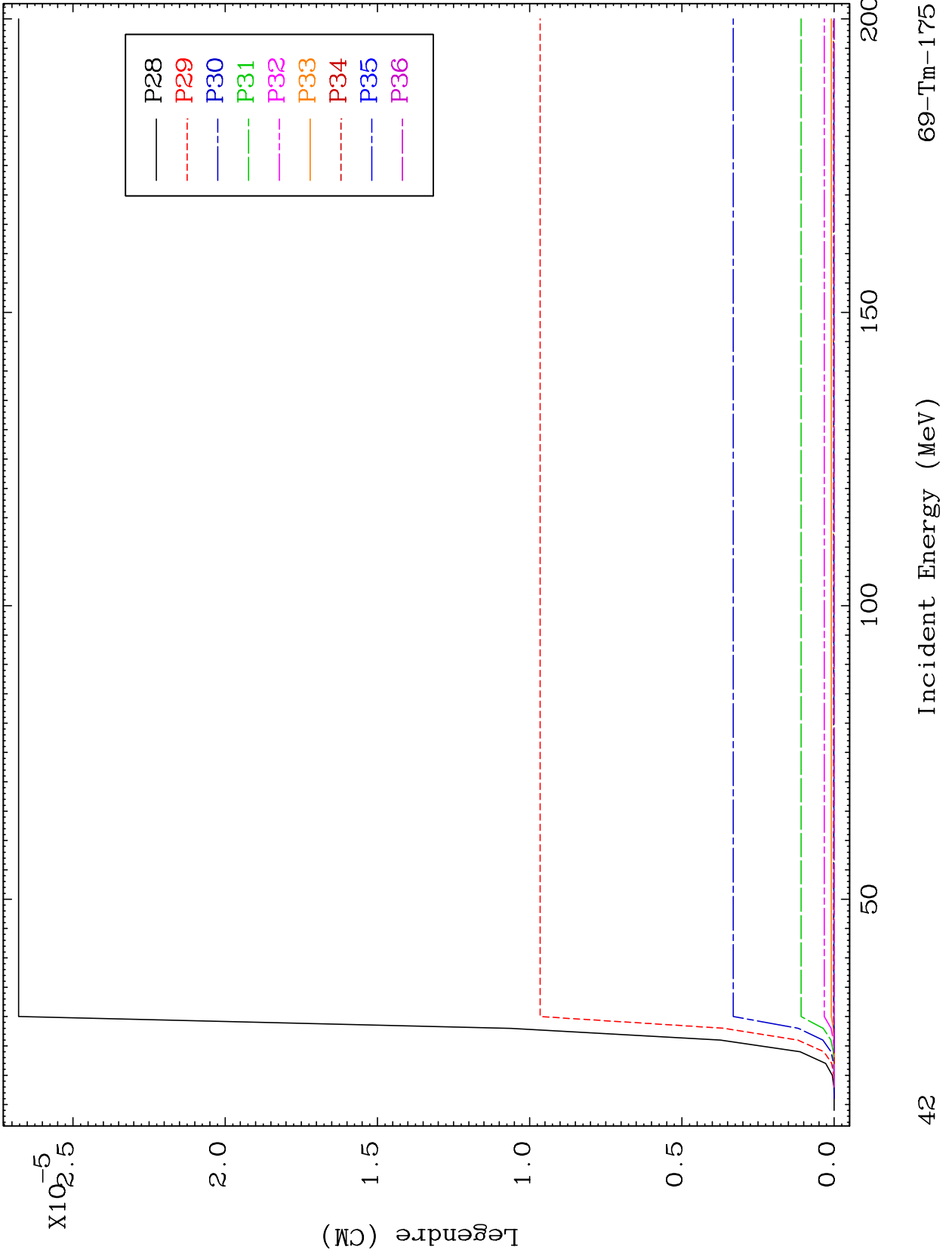
69-Tm-175



MAT 6943

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

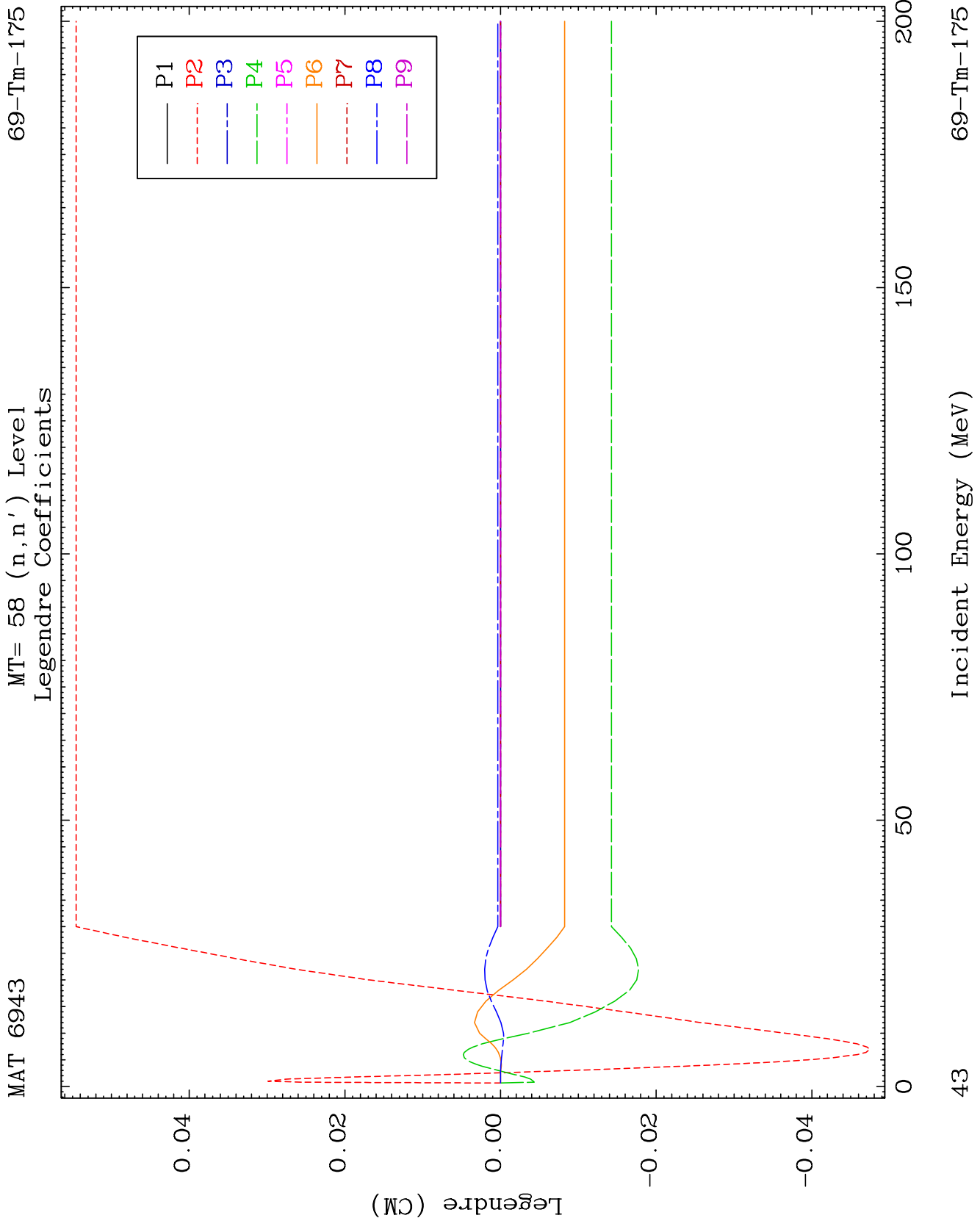
69-Tm-175



42

Incident Energy (MeV)

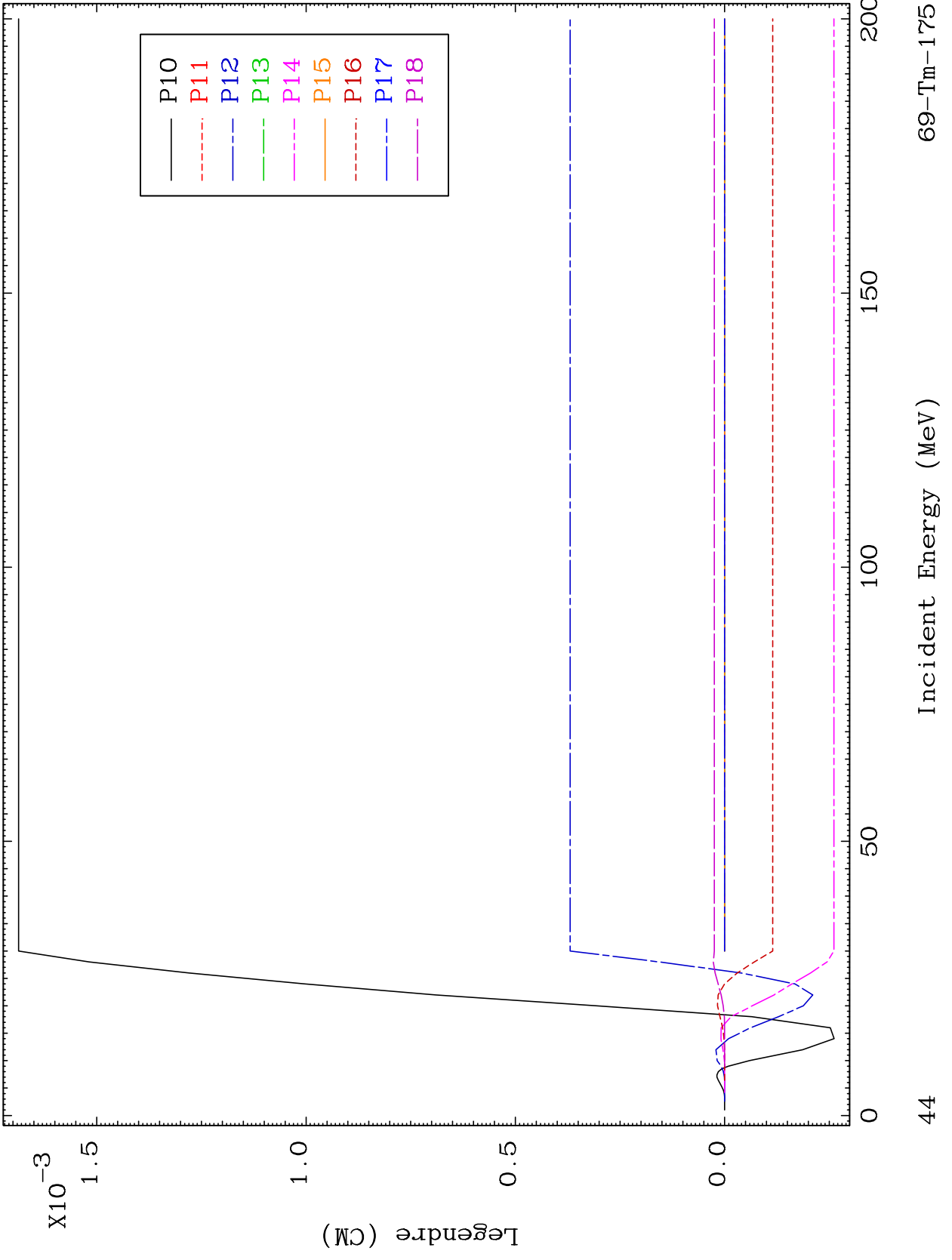
69-Tm-175



MAT 6943

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

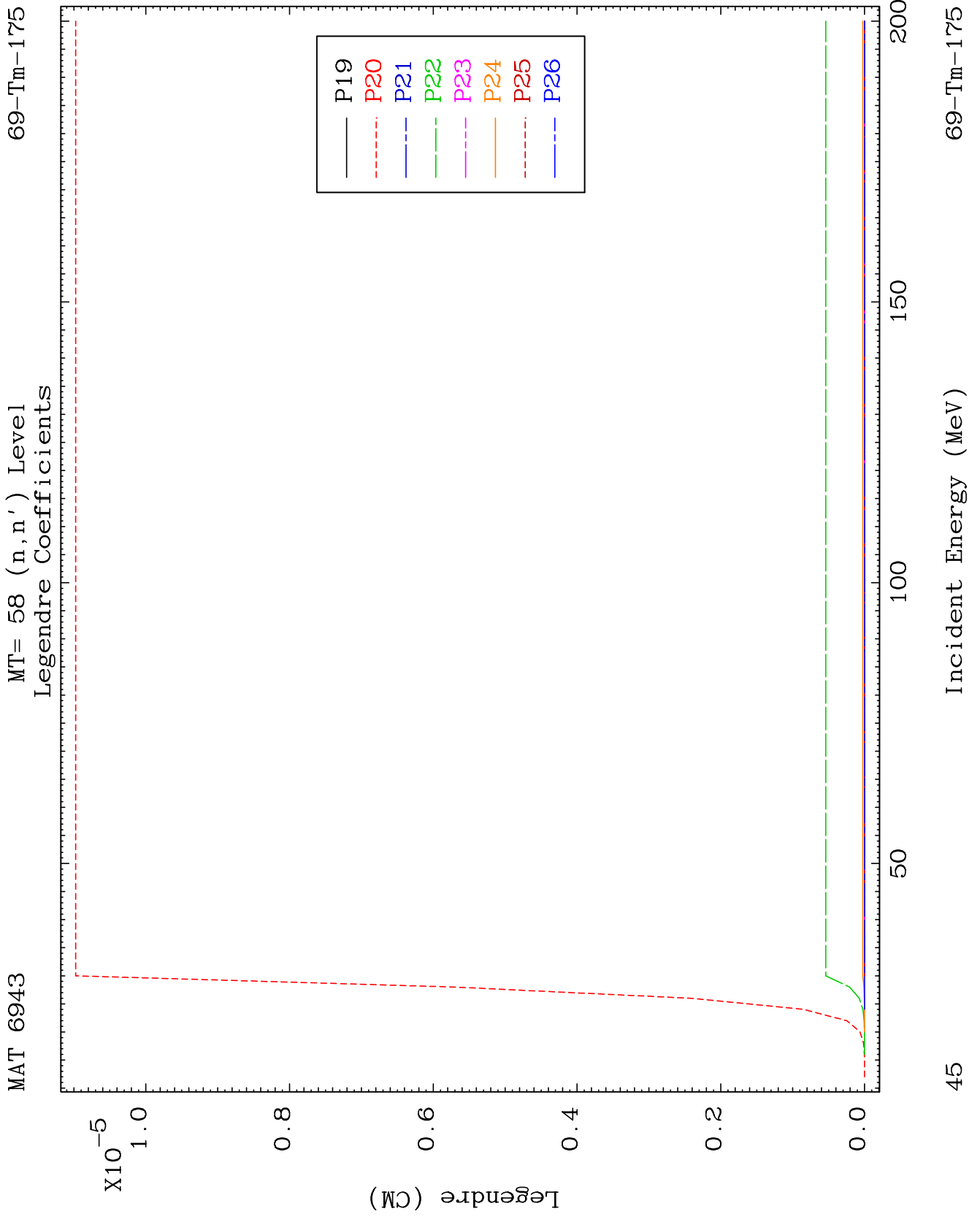
69-Tm-175



44

Incident Energy (MeV)

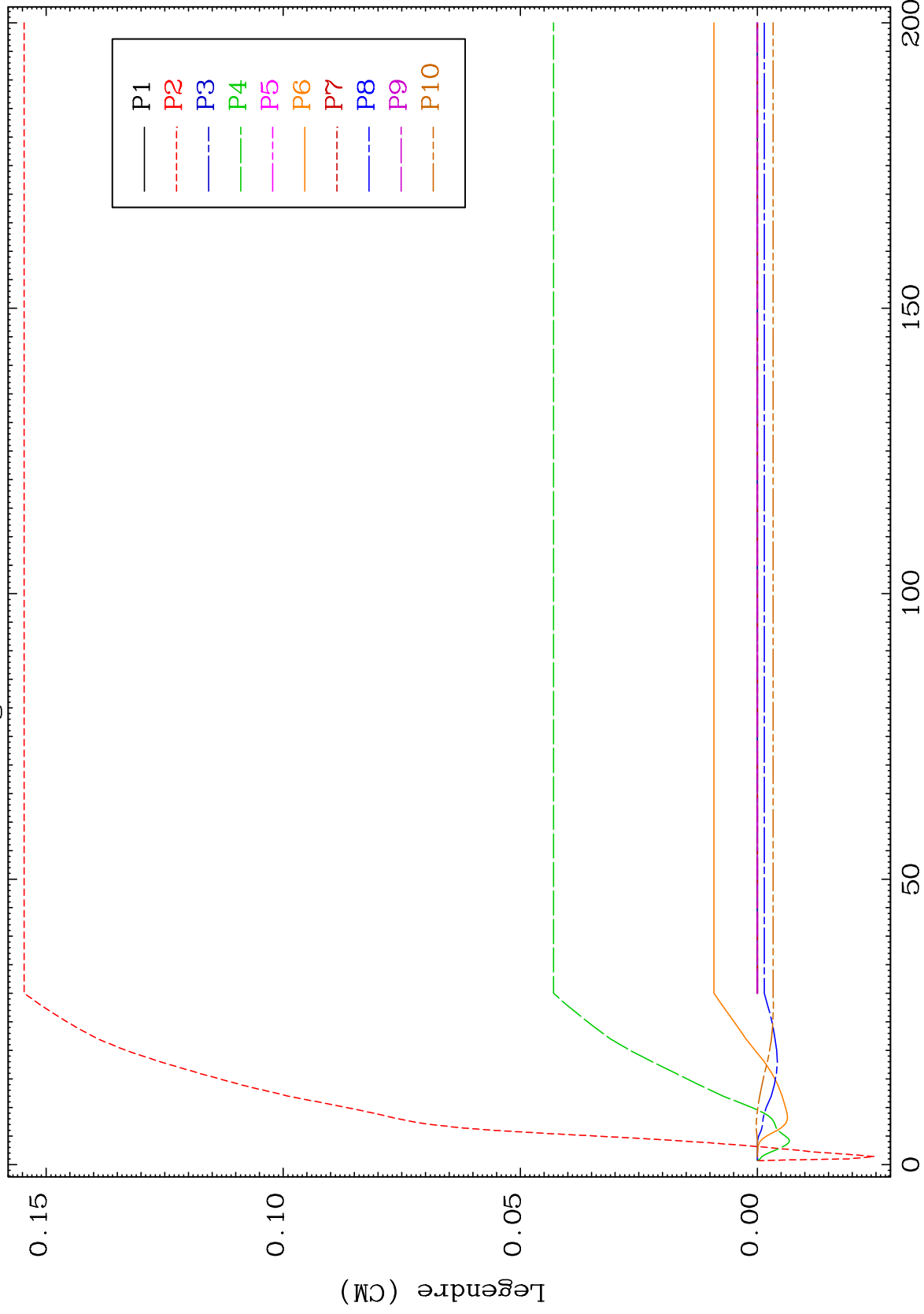
69-Tm-175



MAT 6943

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

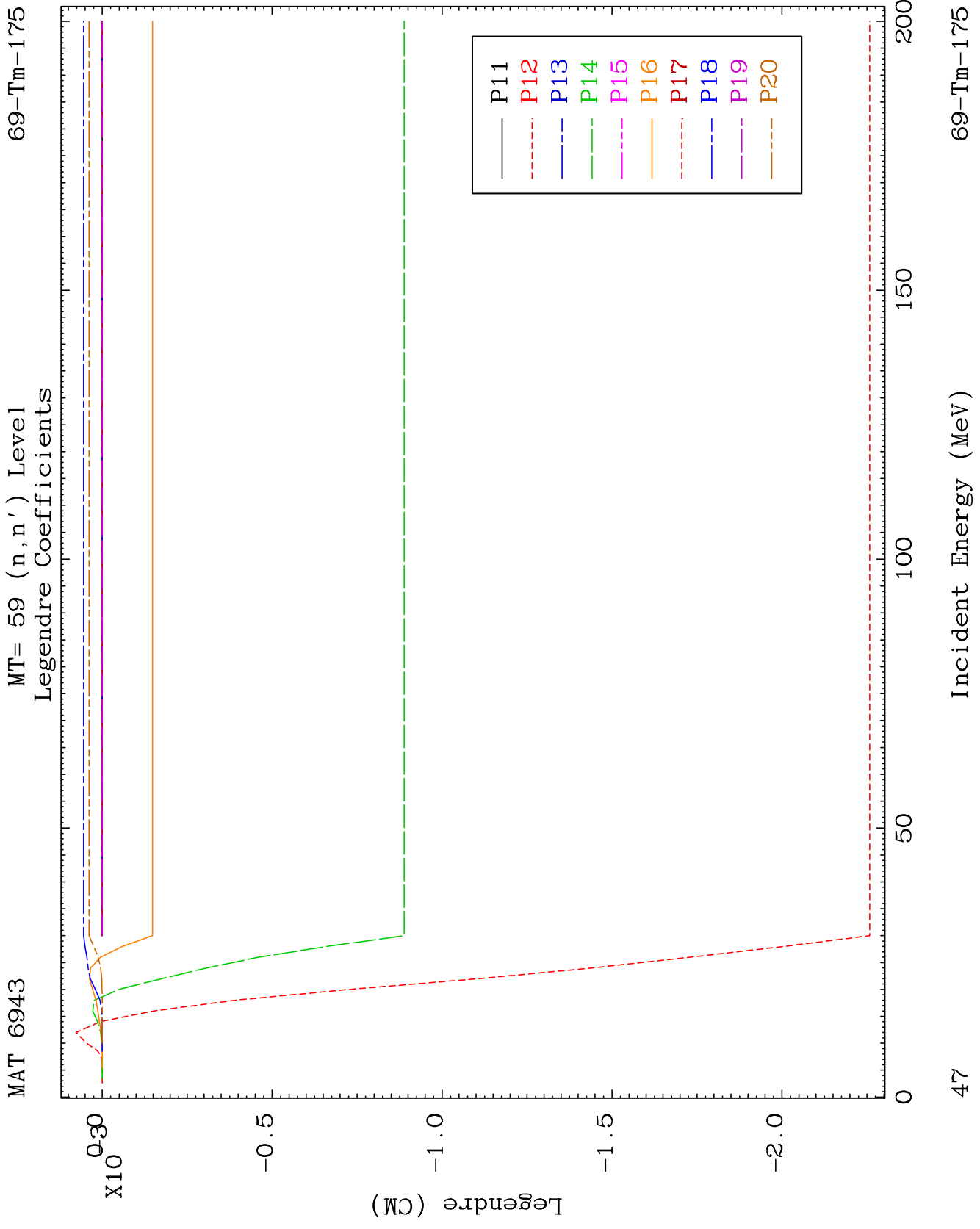
69-Tm-175



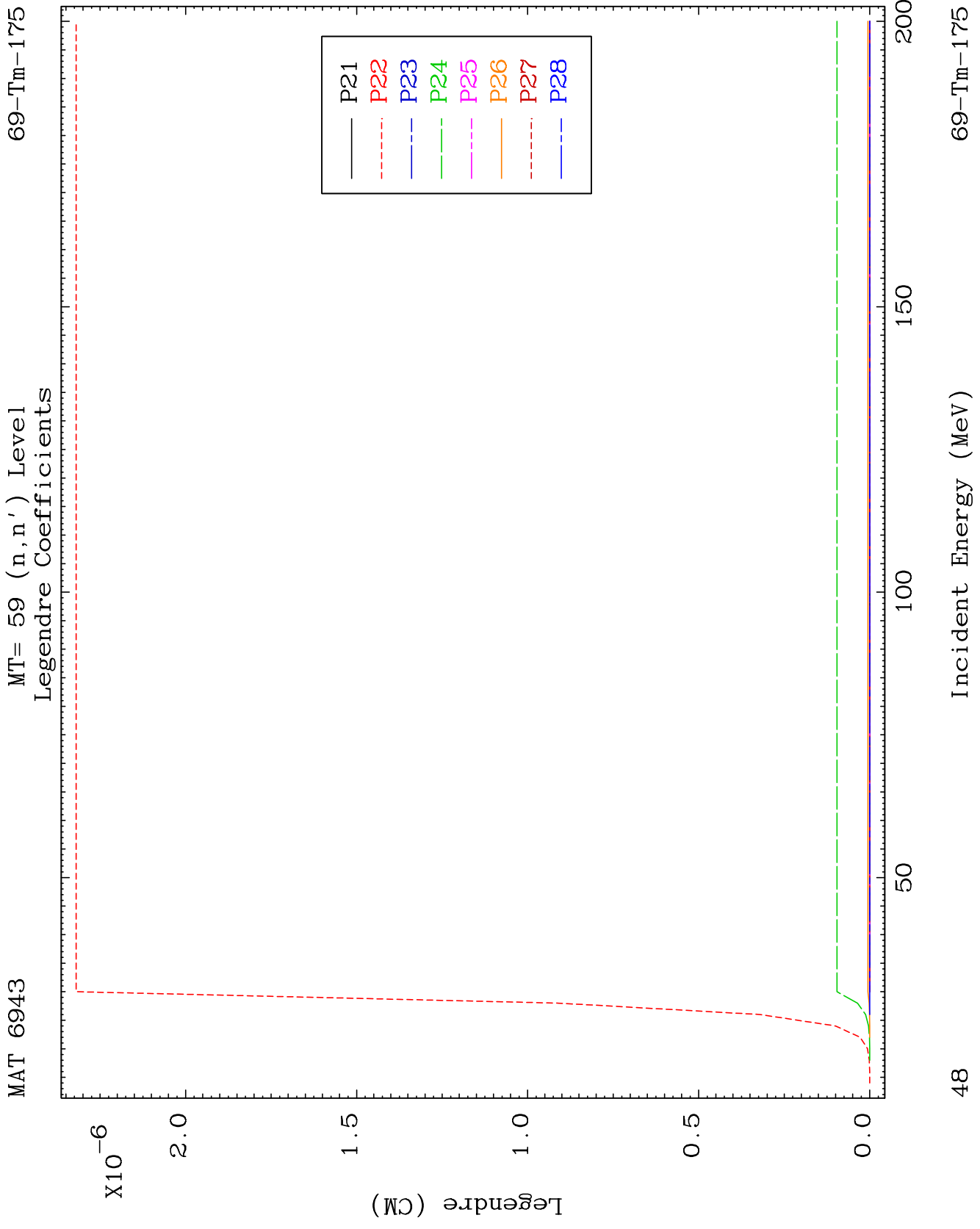
46

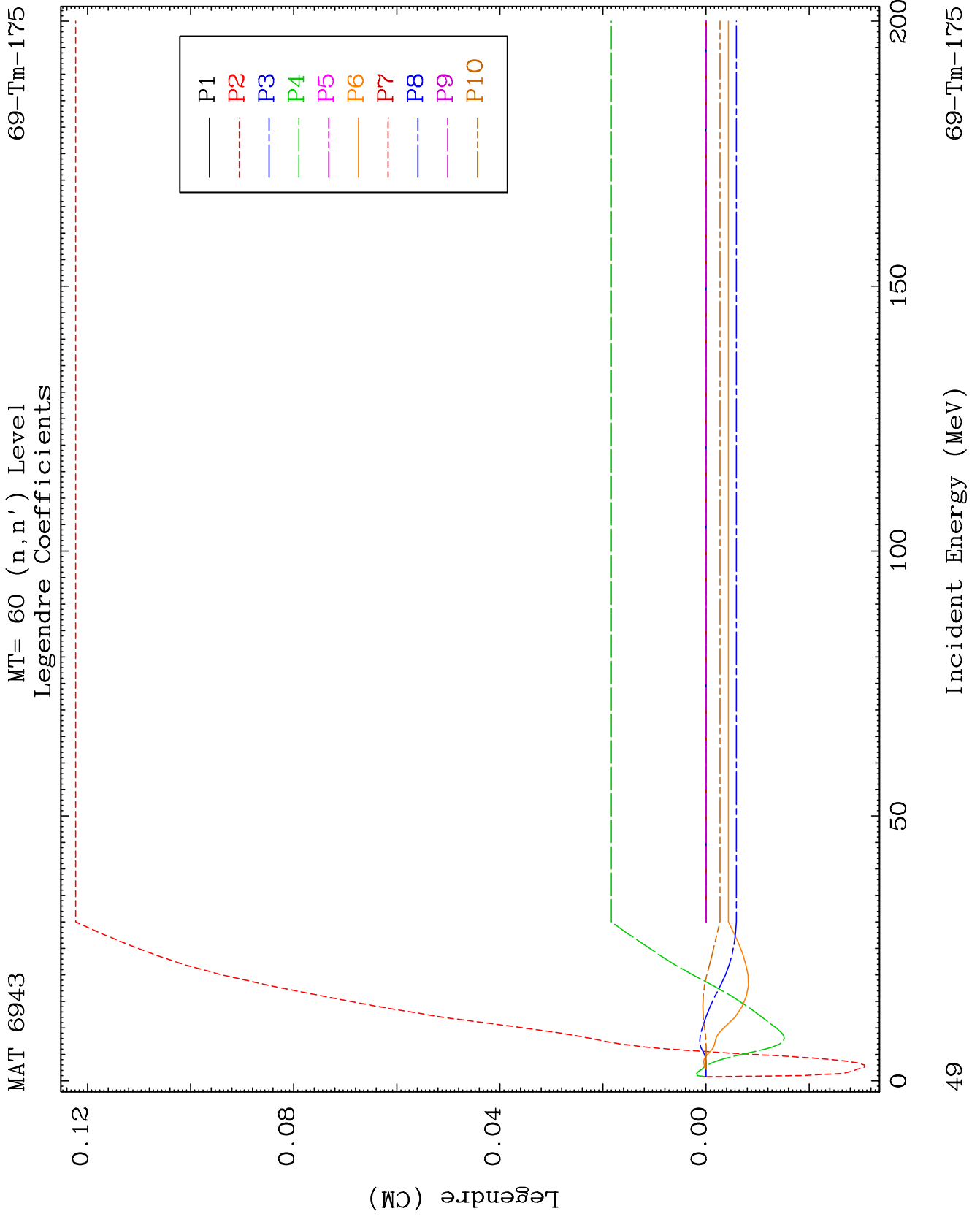
Incident Energy (MeV)

69-Tm-175





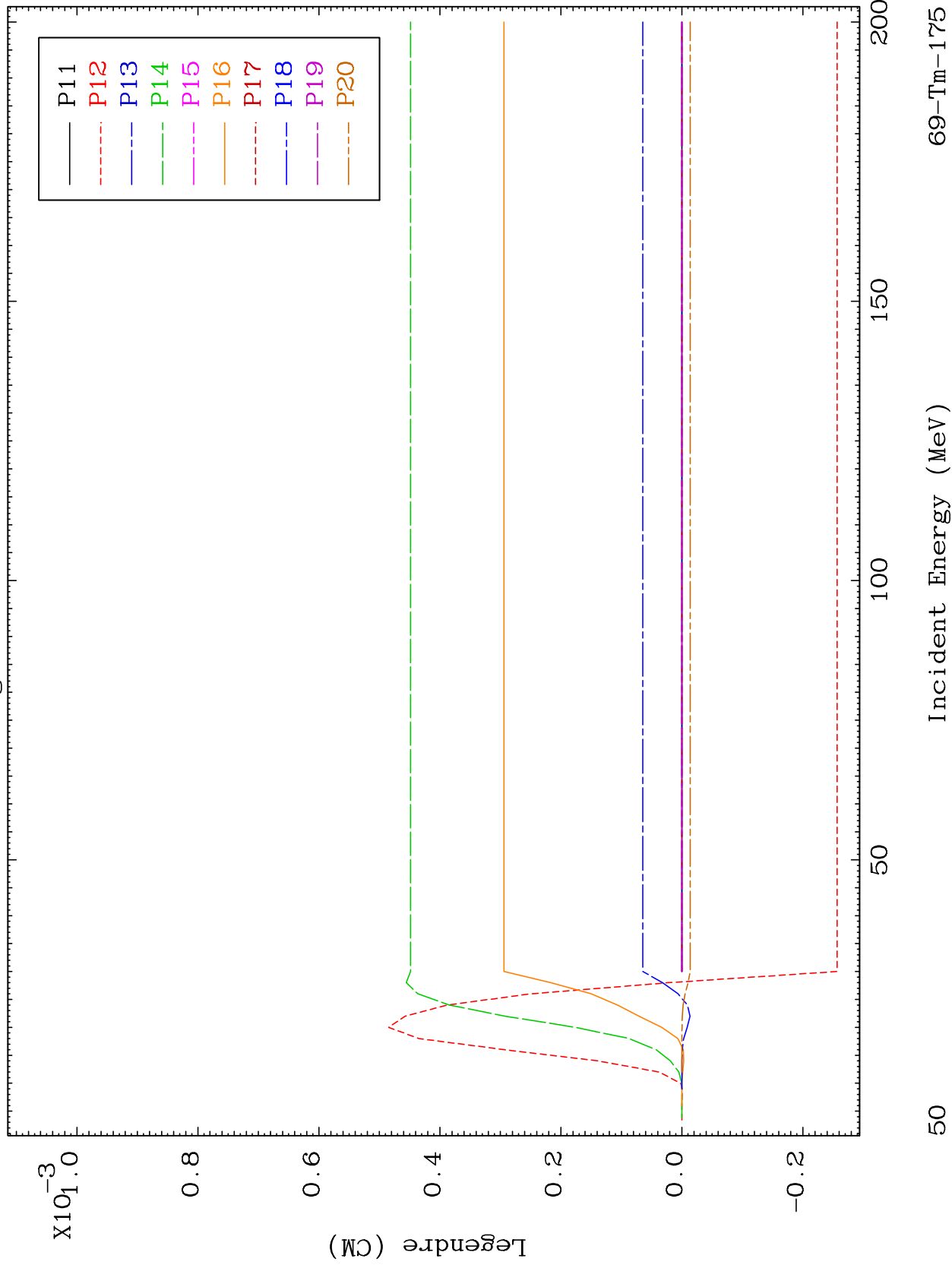




MAT 6943

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

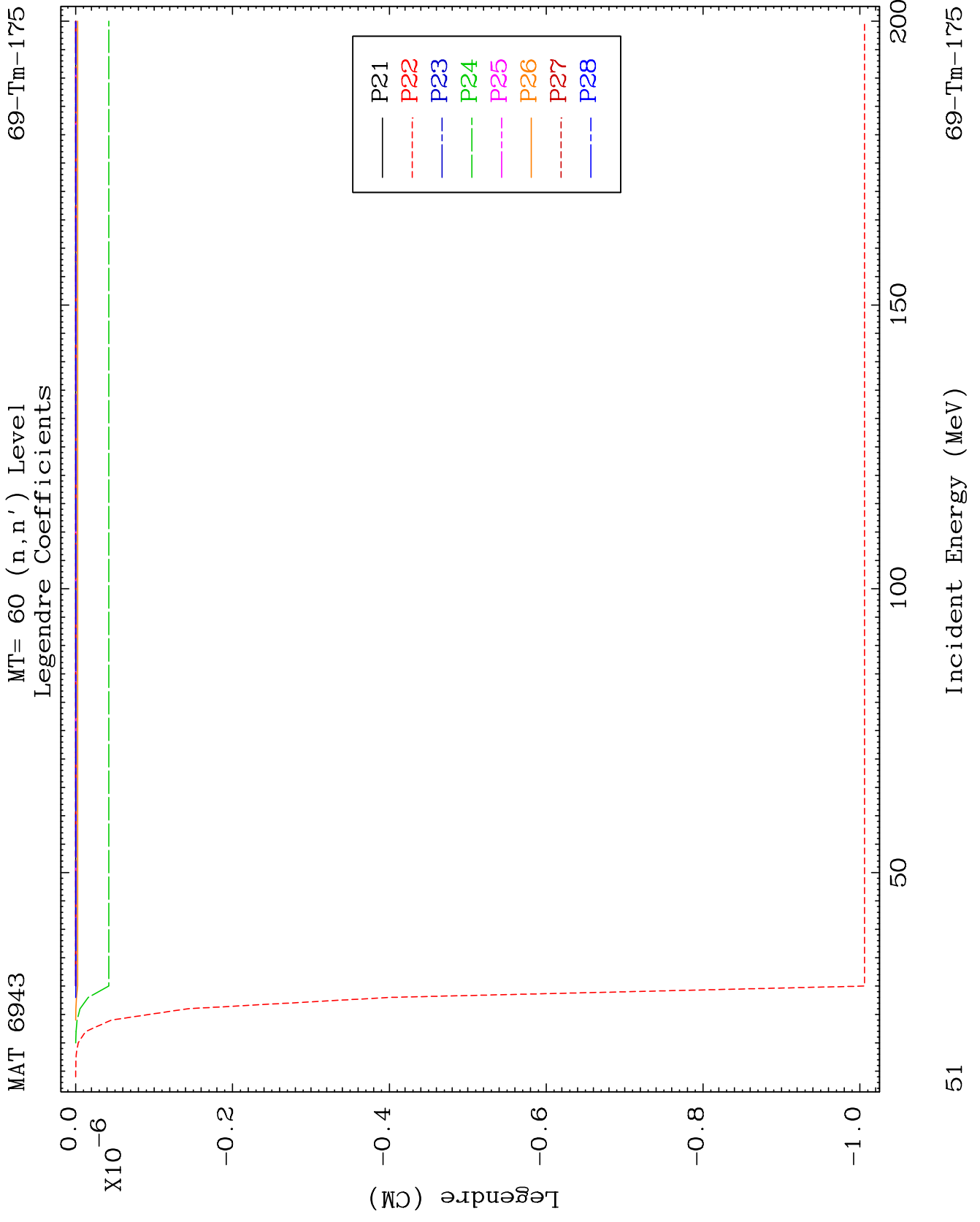
69-Tm-175



69-Tm-175

Incident Energy (MeV)

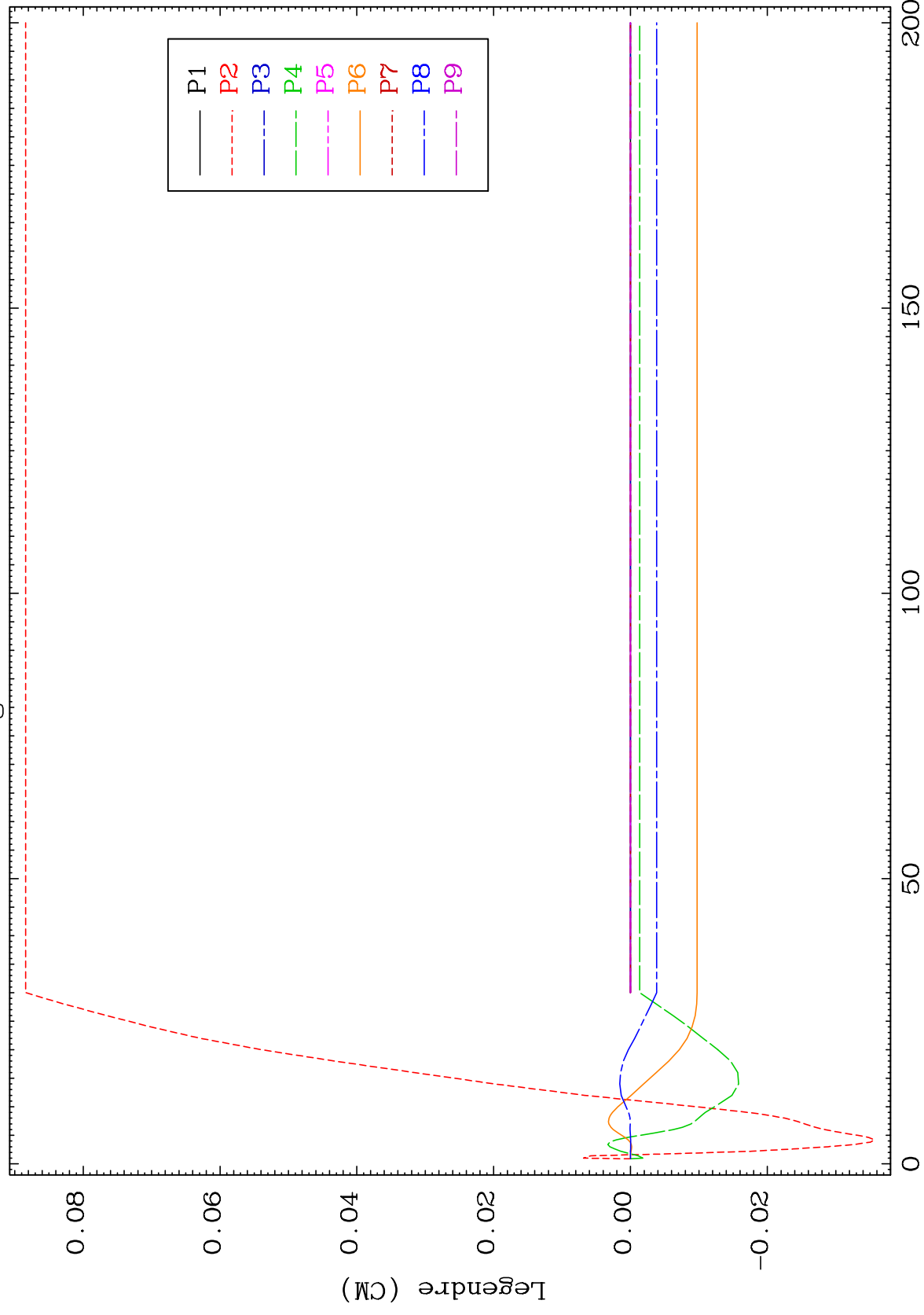
50



MAT 6943

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

69-Tm-175



69-Tm-175

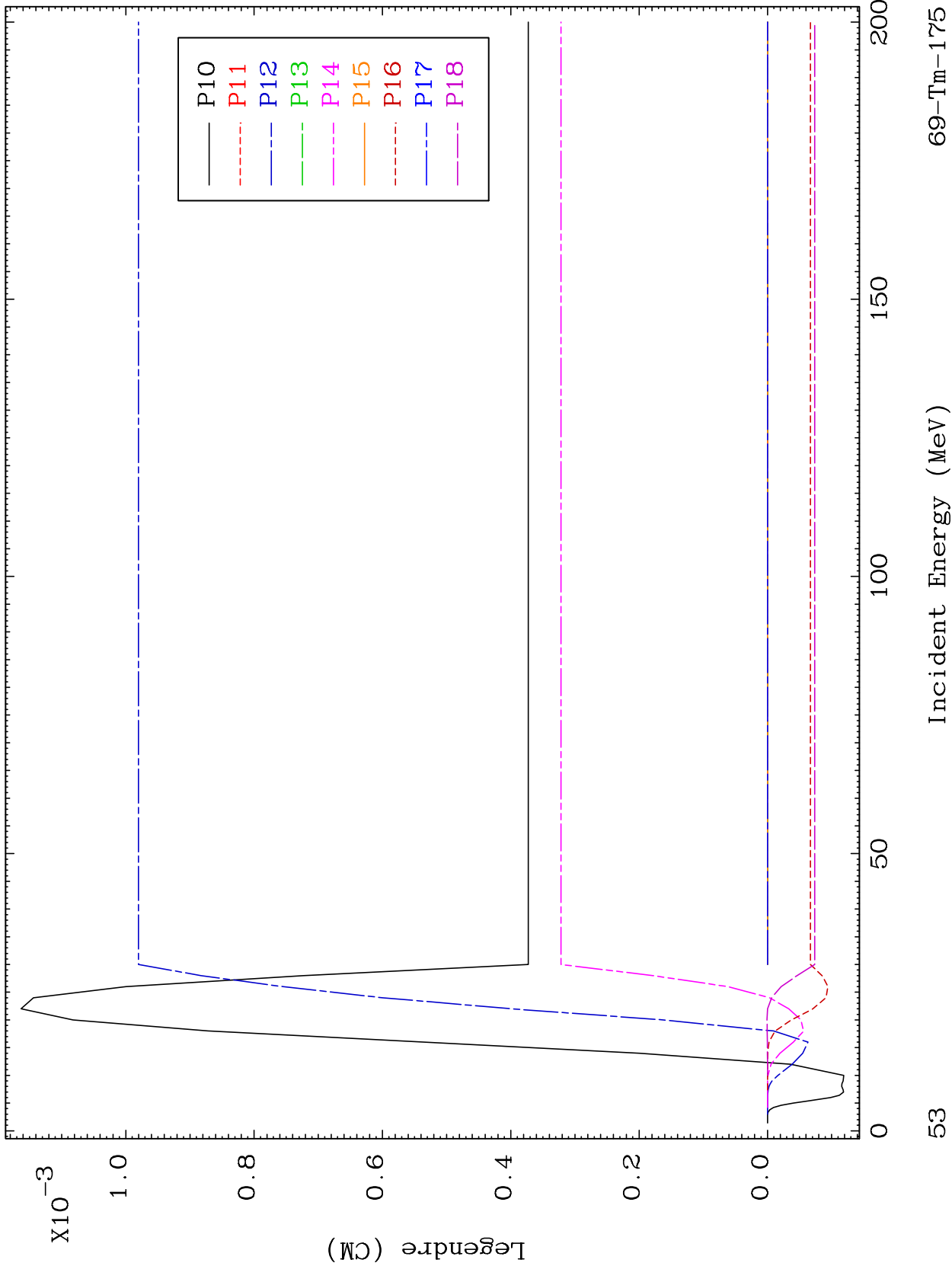
Incident Energy (MeV)

52

MAT 6943

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

69-Tm-175



53

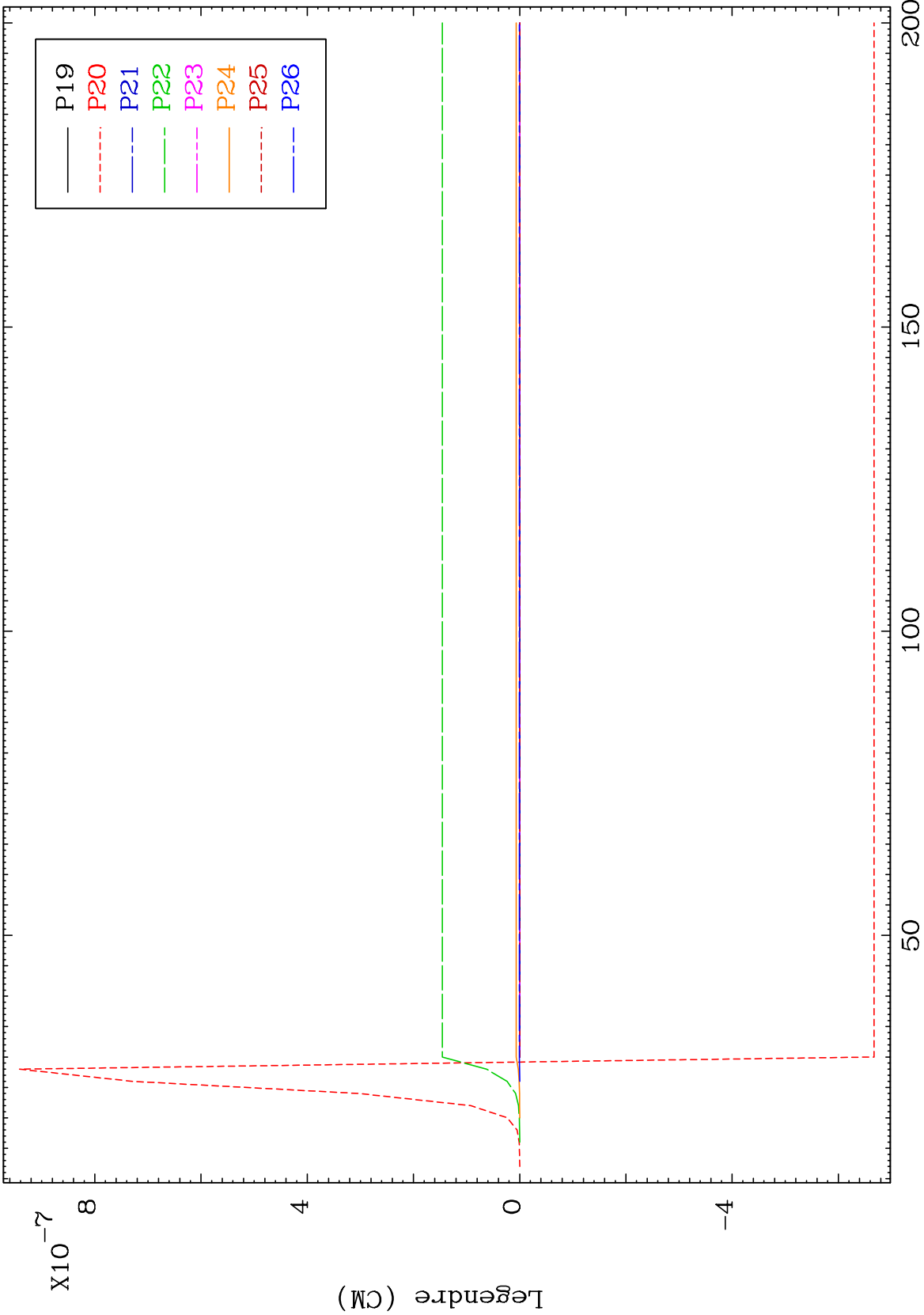
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



54

Incident Energy (MeV)

69-Tm-175

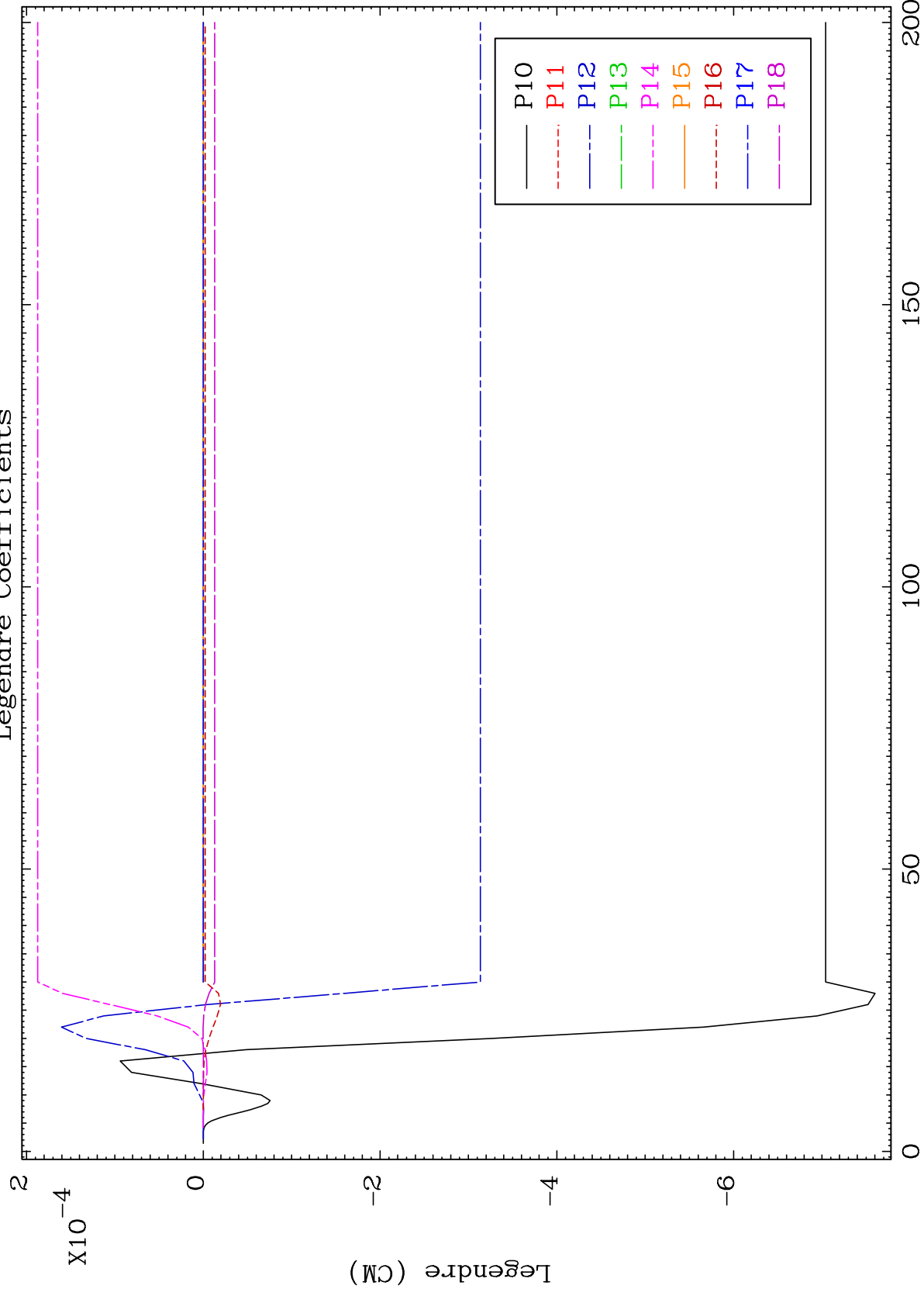




MAT 6943

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

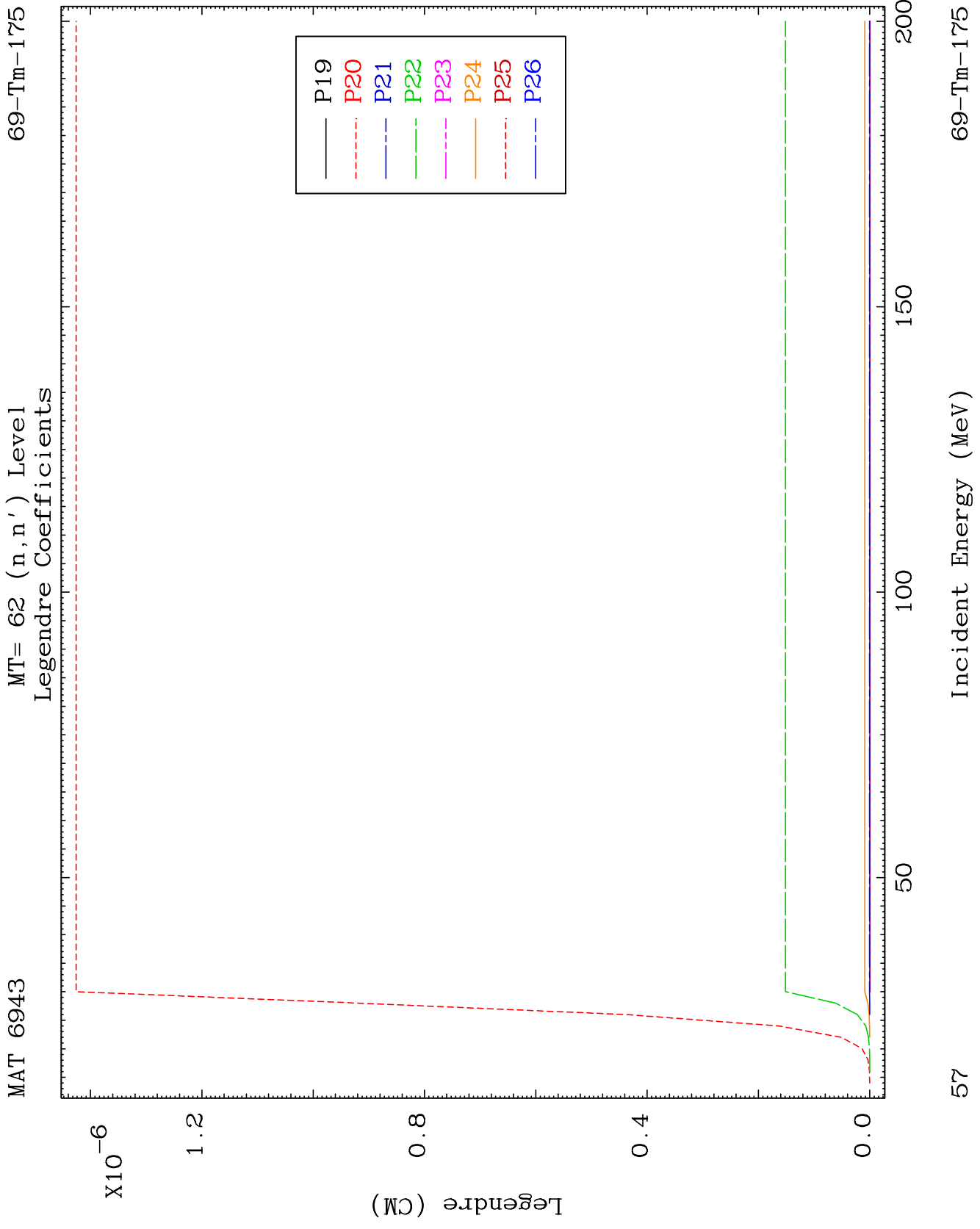
69-Tm-175



56

Incident Energy (MeV)

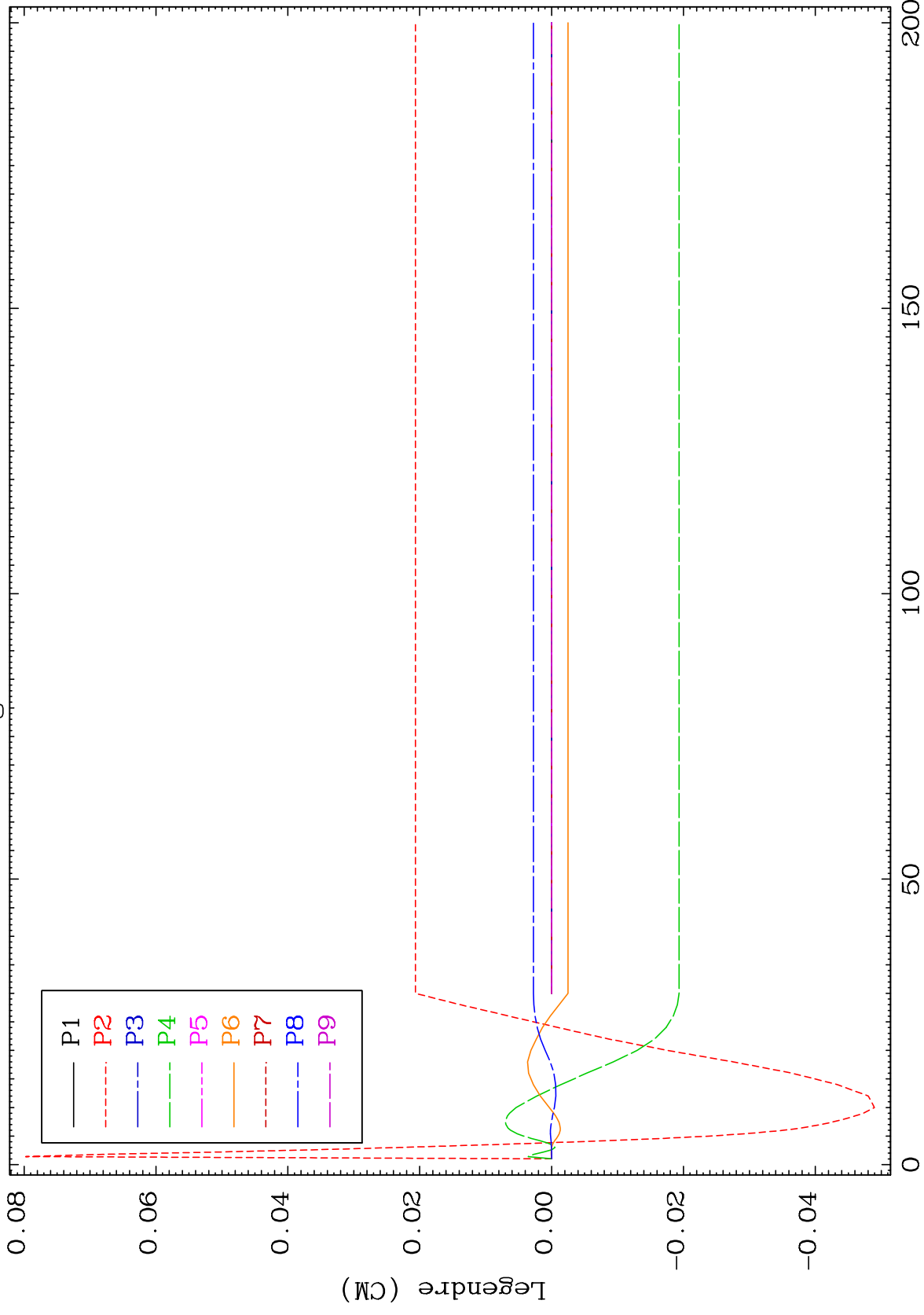
69-Tm-175



MAT 6943

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

69-Tm-175



69-Tm-175

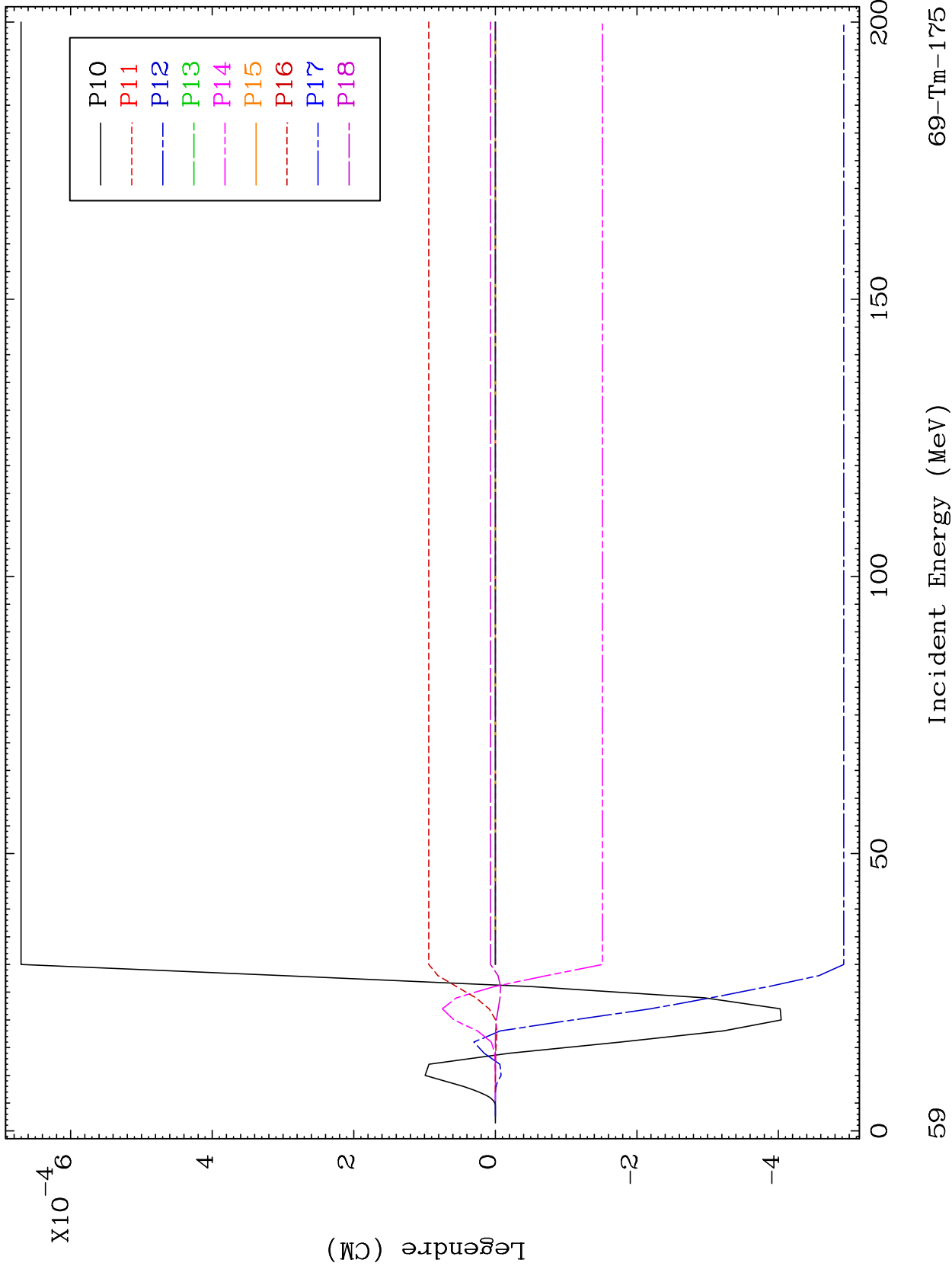
Incident Energy (MeV)

58

MAT 6943

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

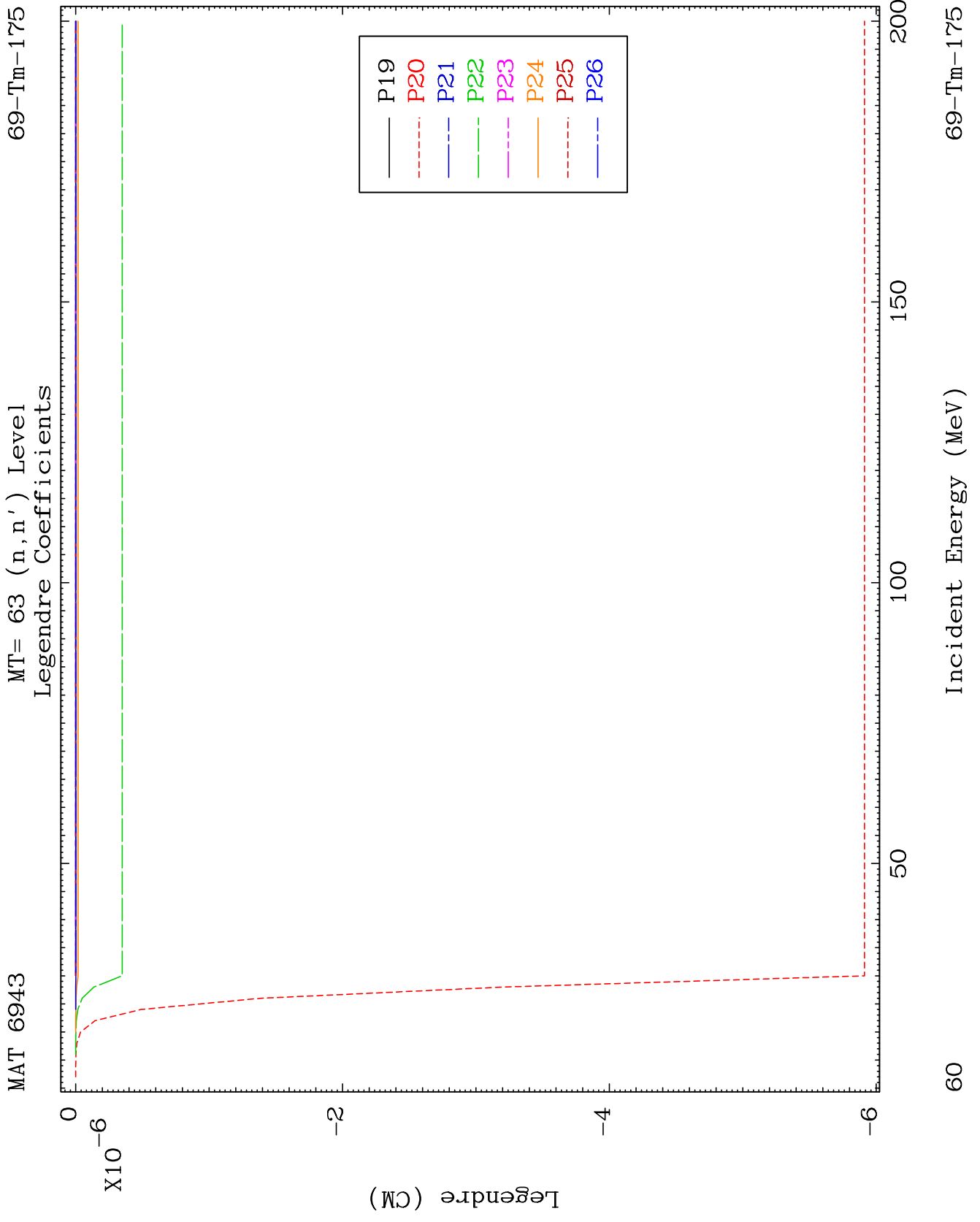
69-Tm-175



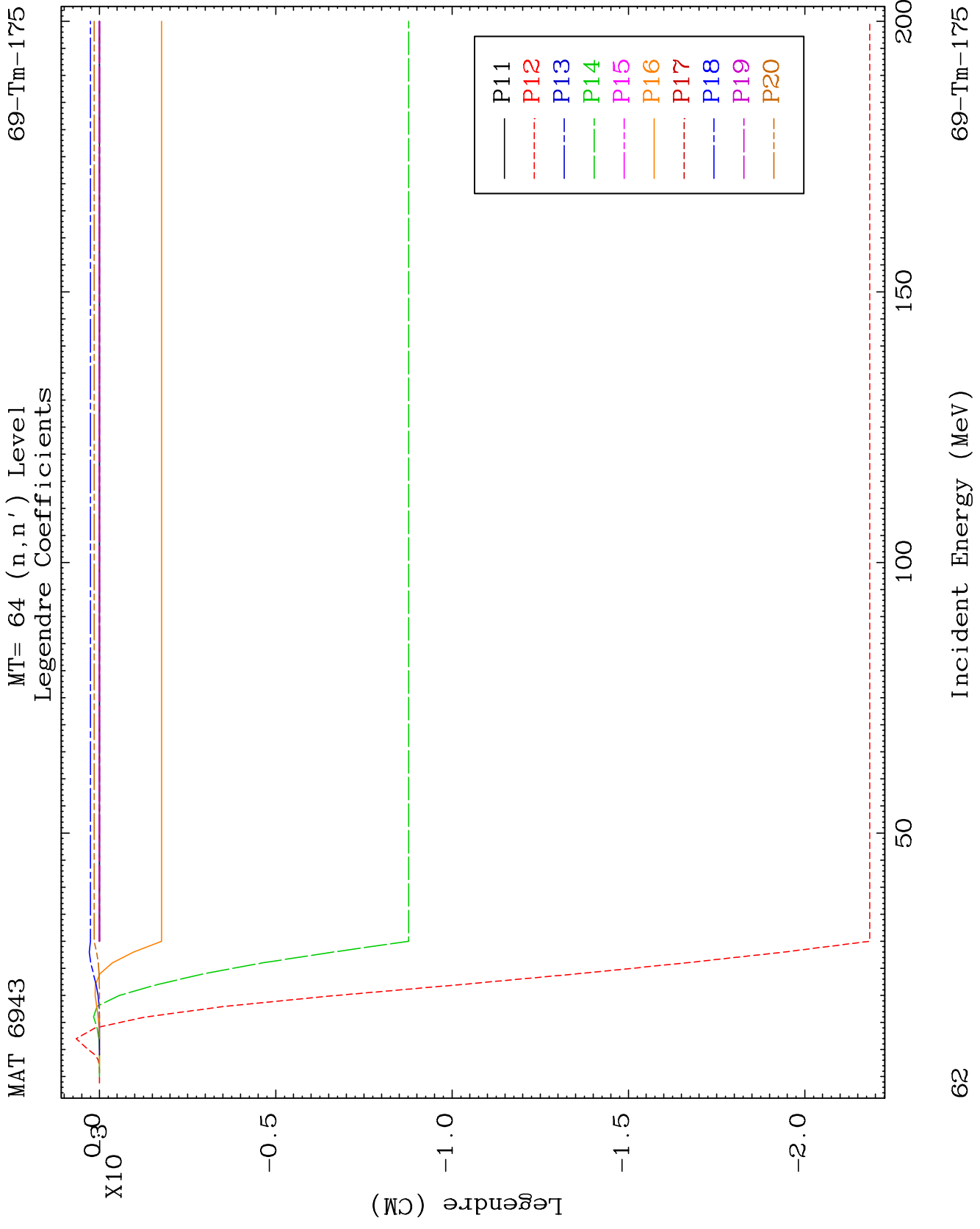
59

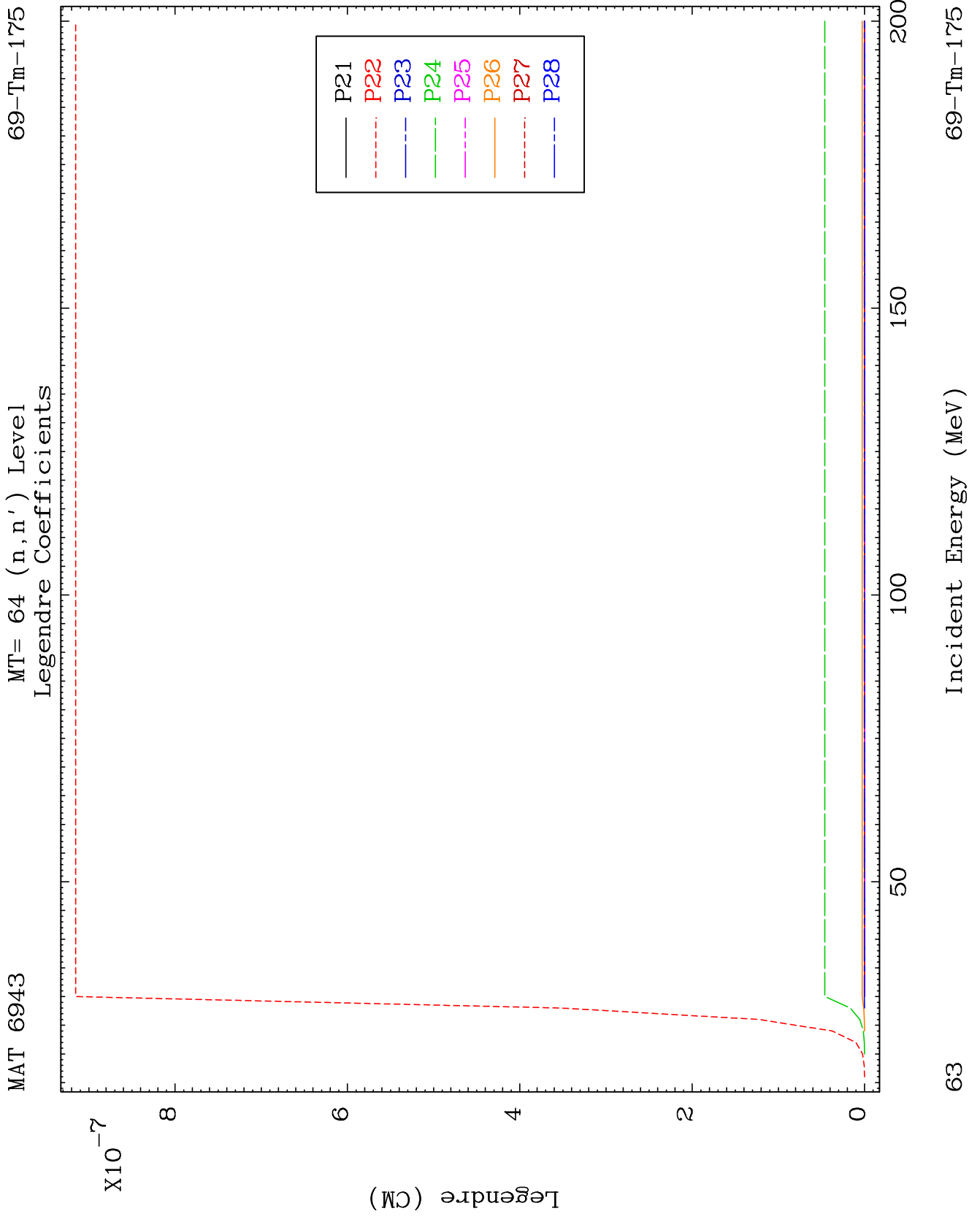
Incident Energy (MeV)

69-Tm-175

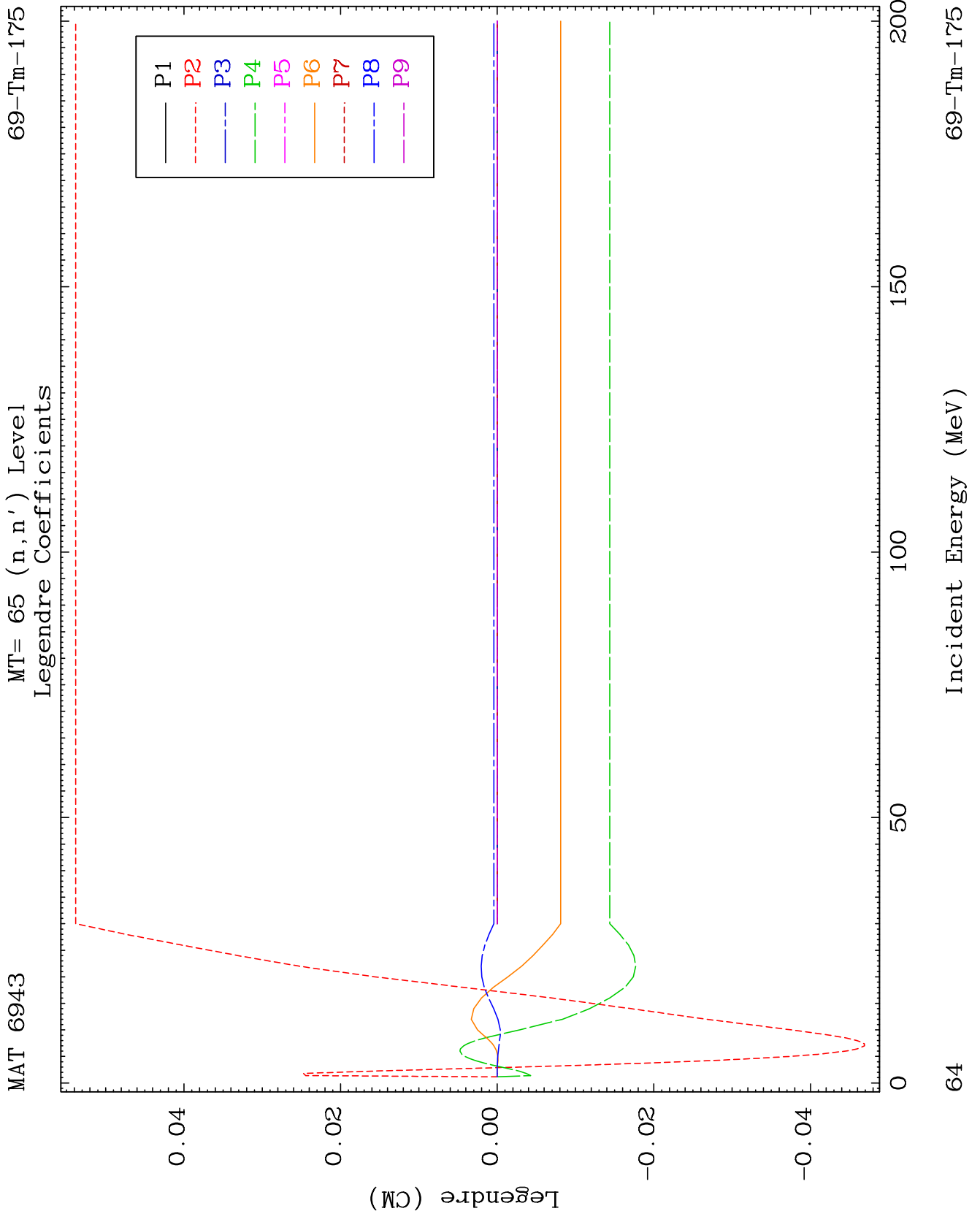








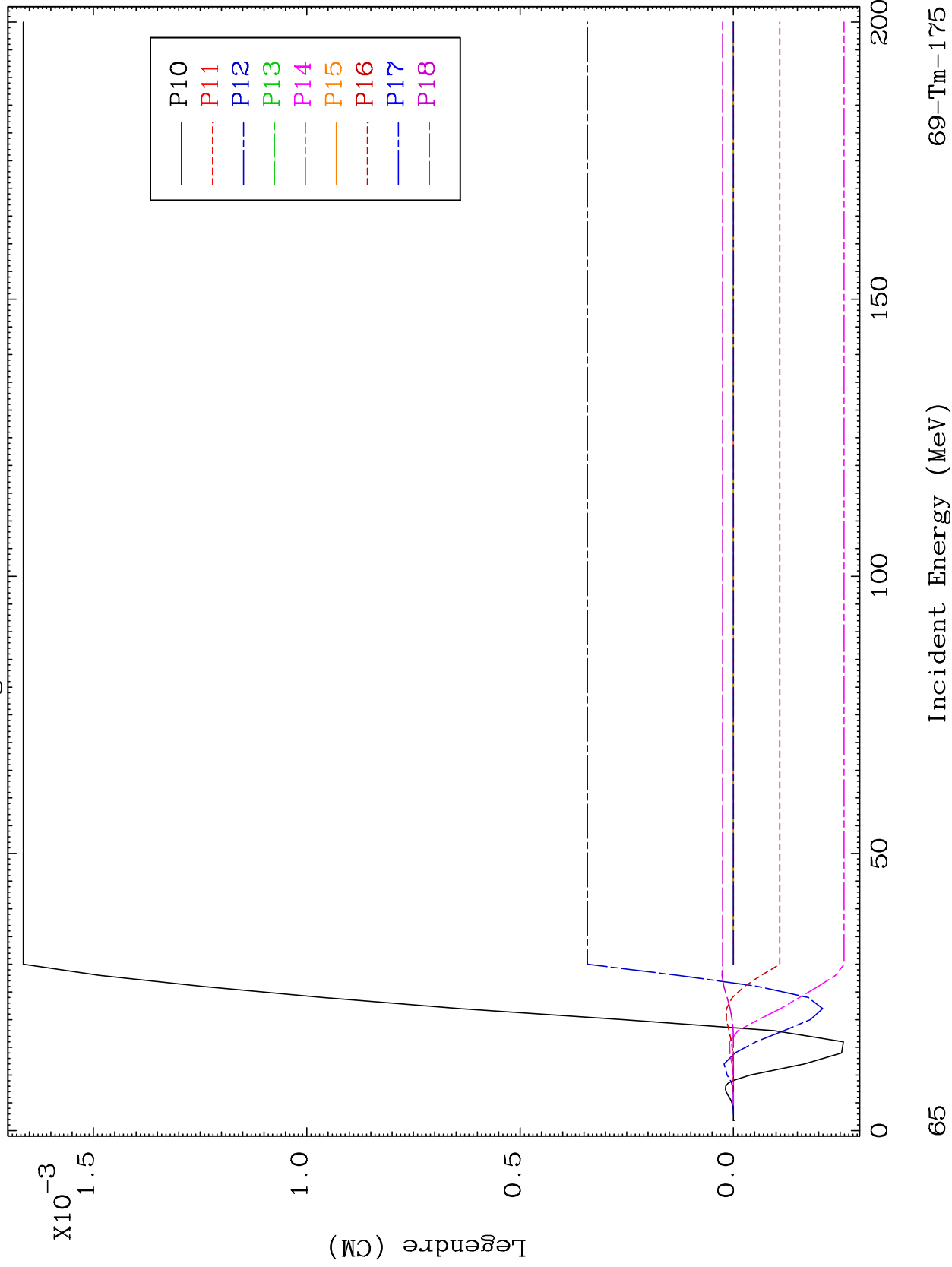




MAT 6943

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

69-Tm-175

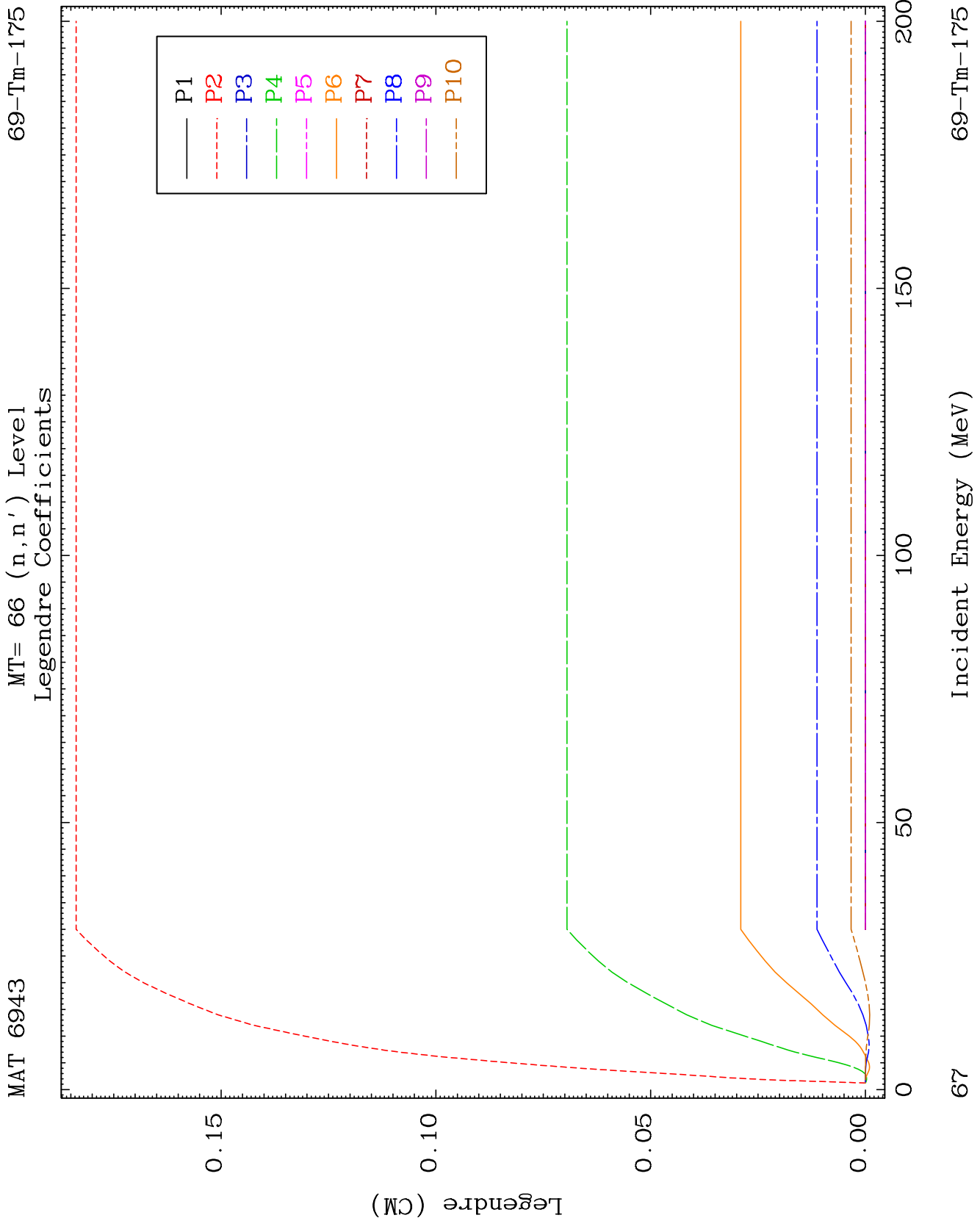


69-Tm-175

Incident Energy (MeV)

65

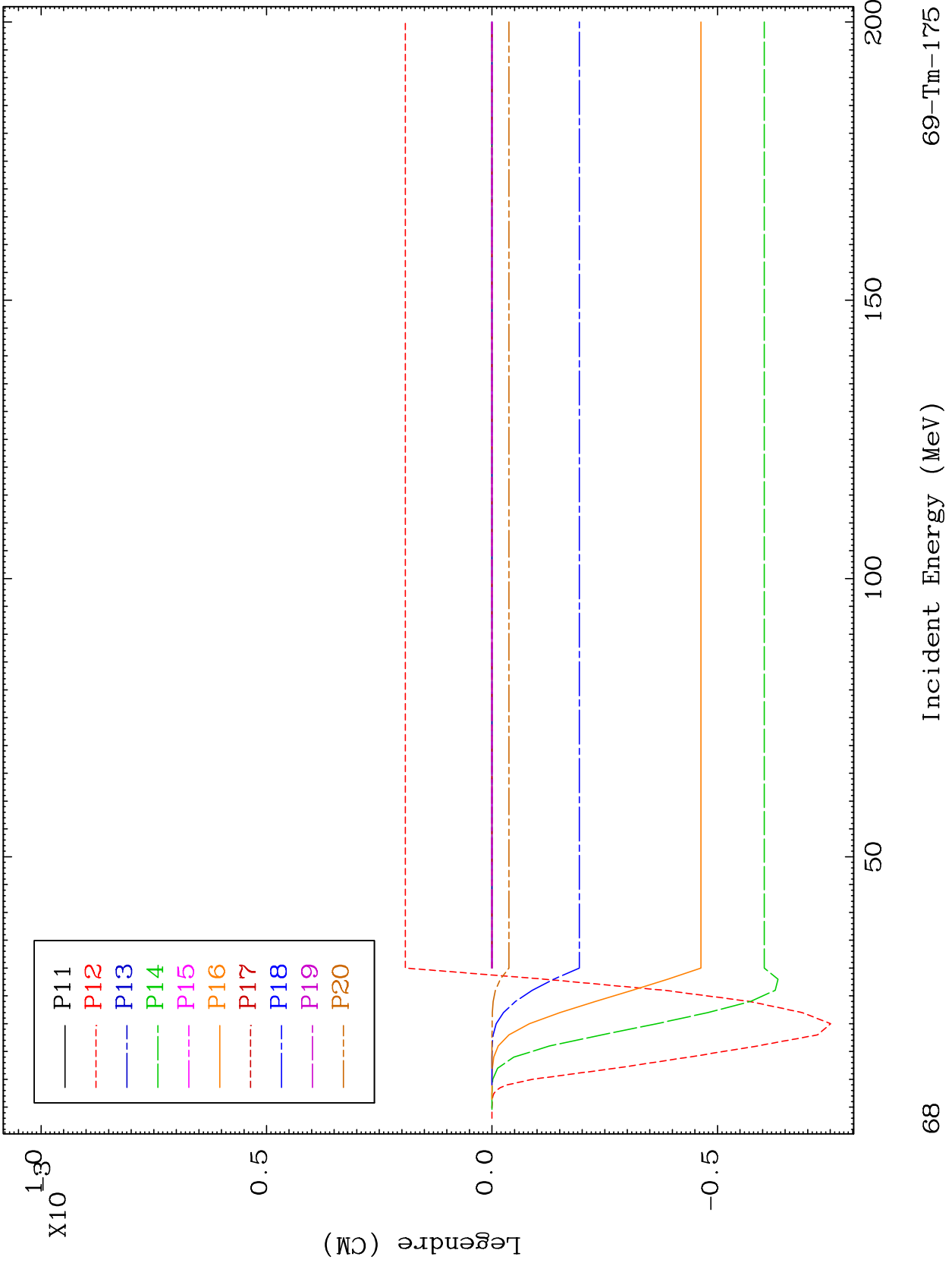




MAT 6943

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

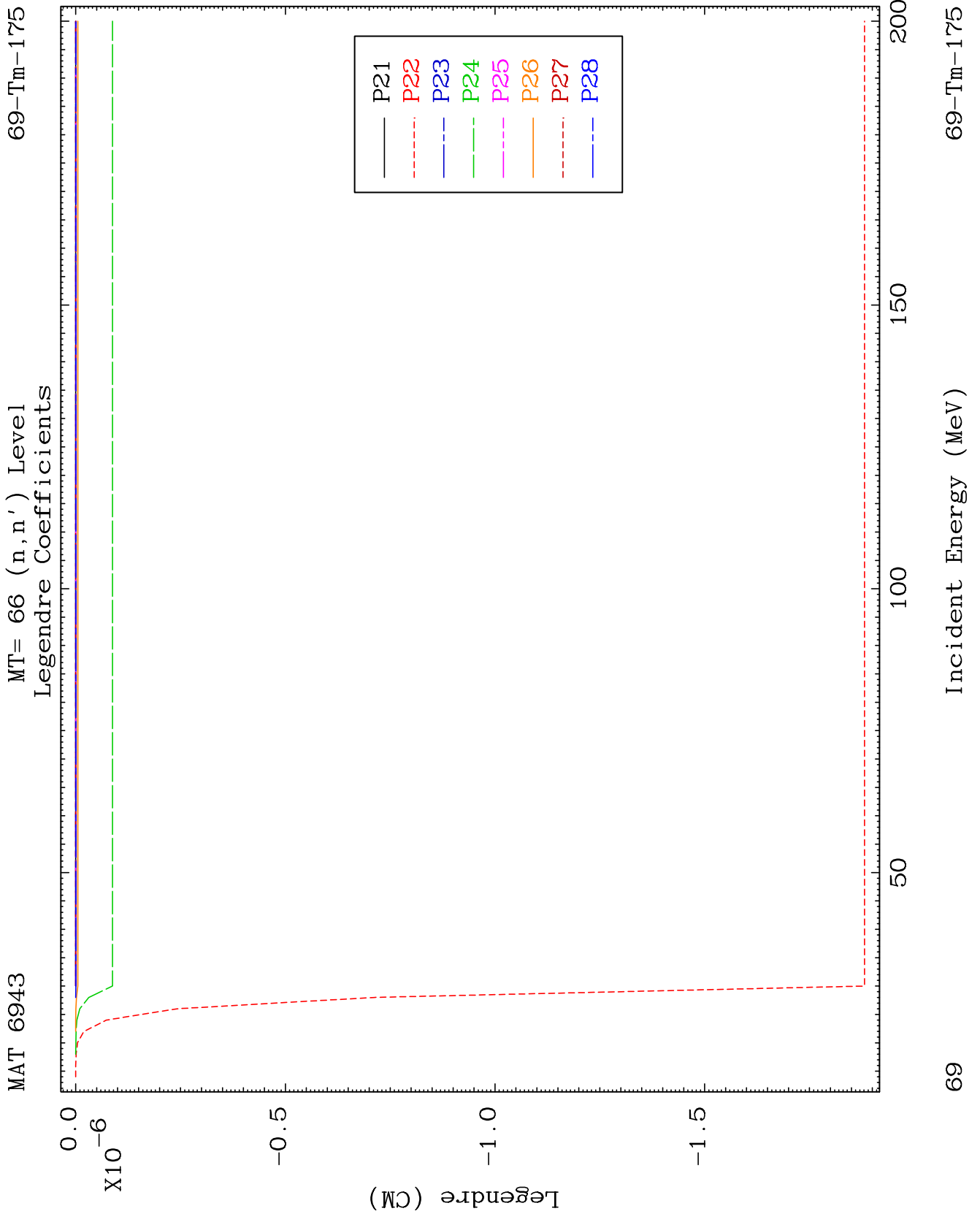
69-Tm-175

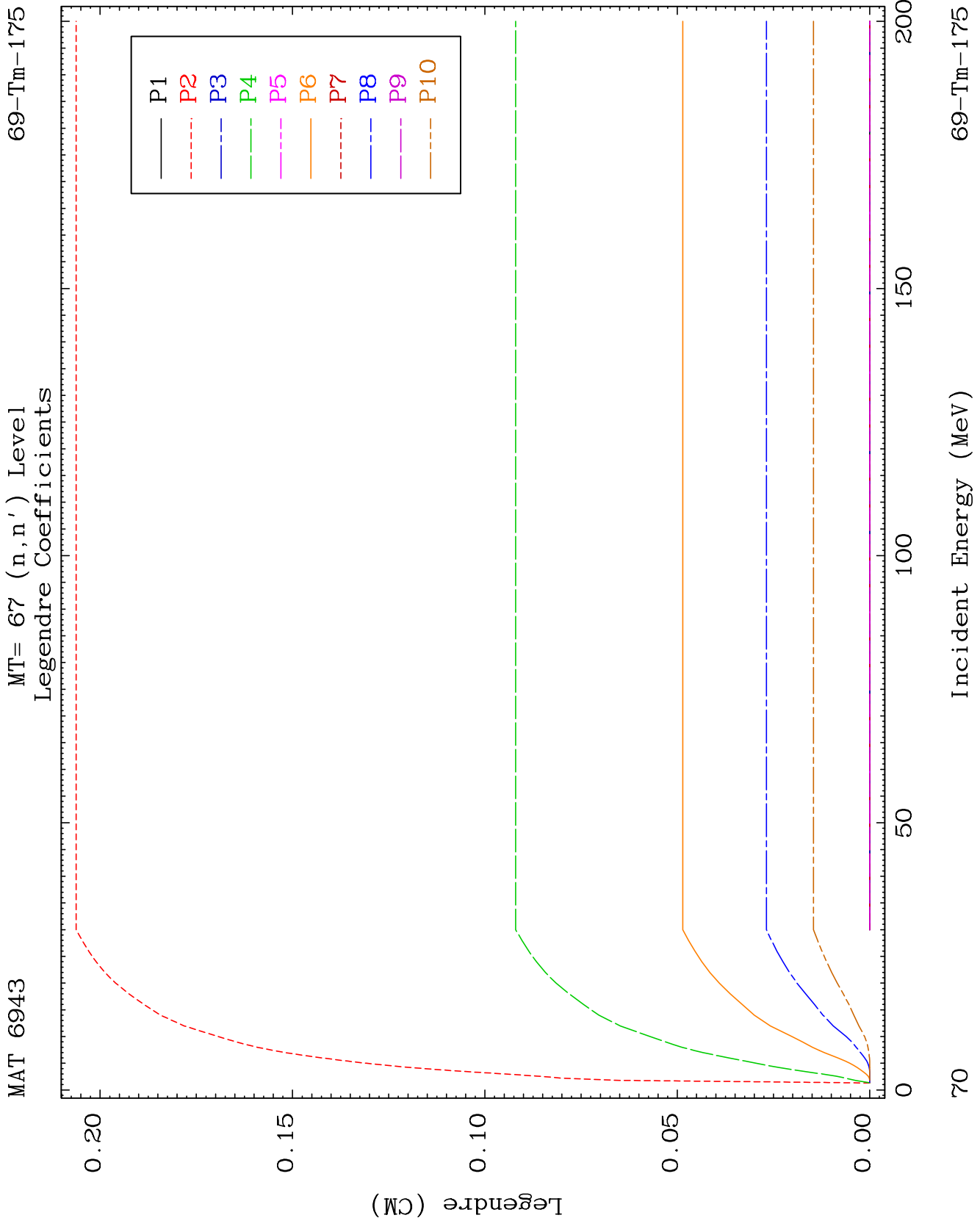


68

Incident Energy (MeV)

69-Tm-175

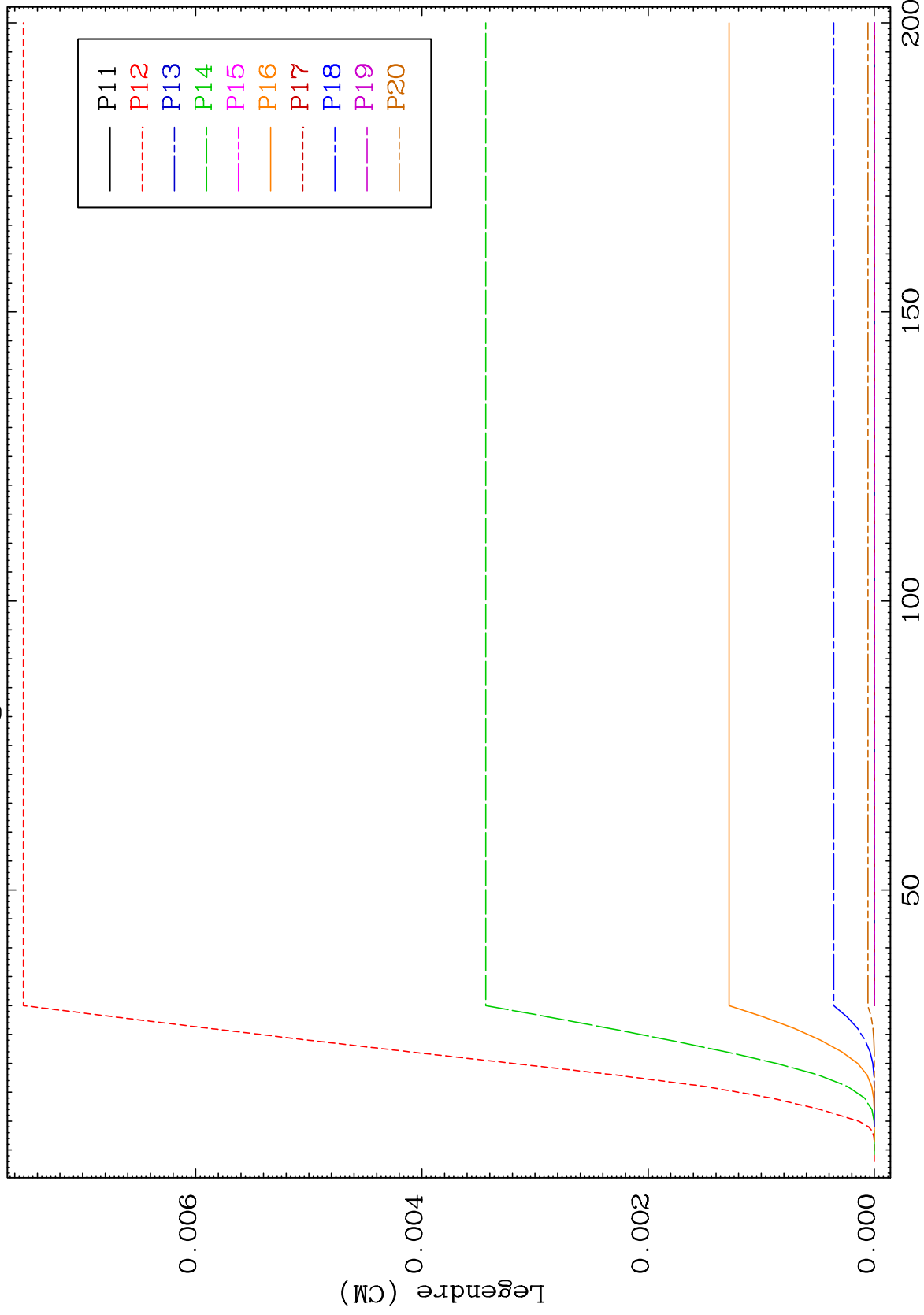




MAT 6943

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

69-Tm-175

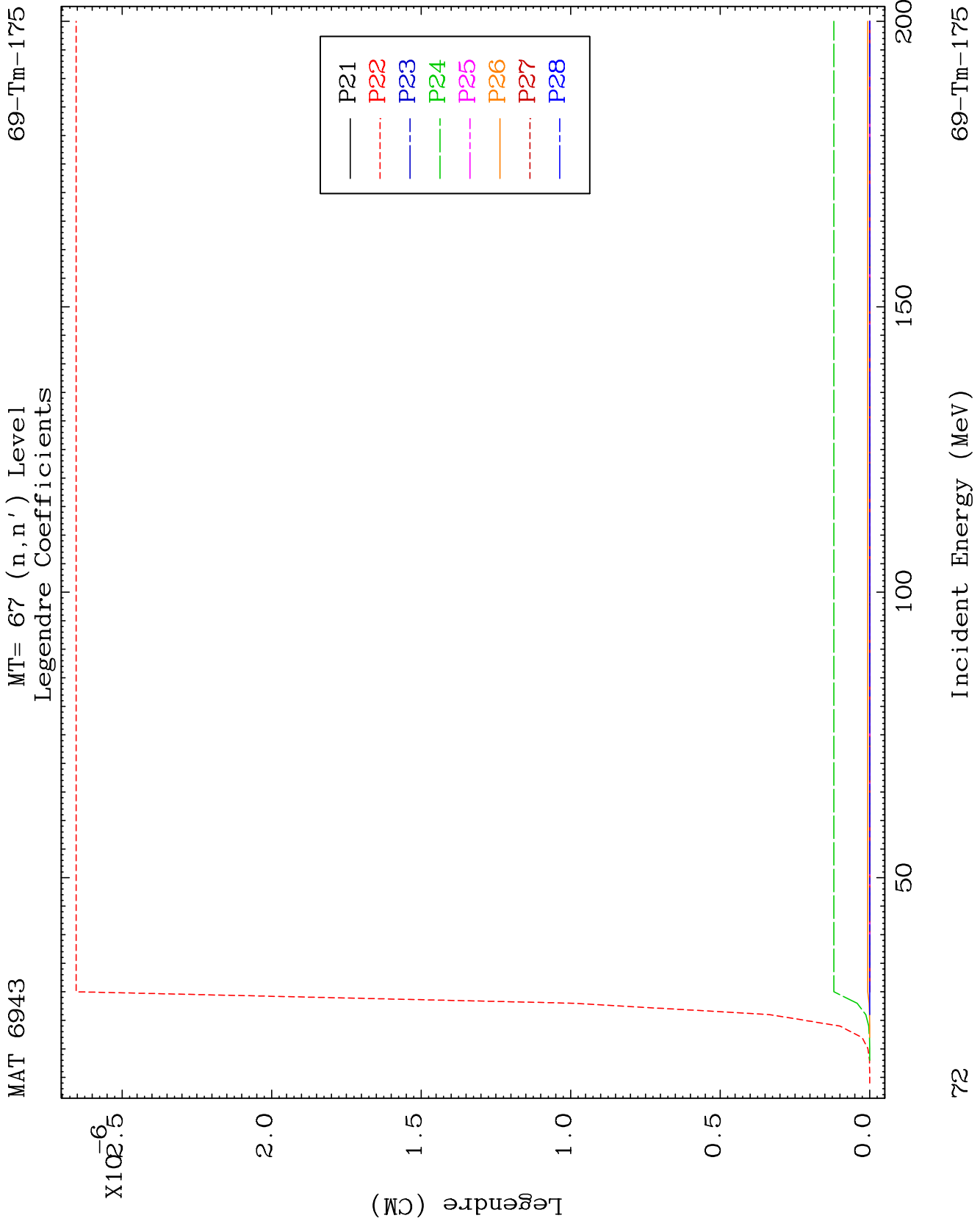


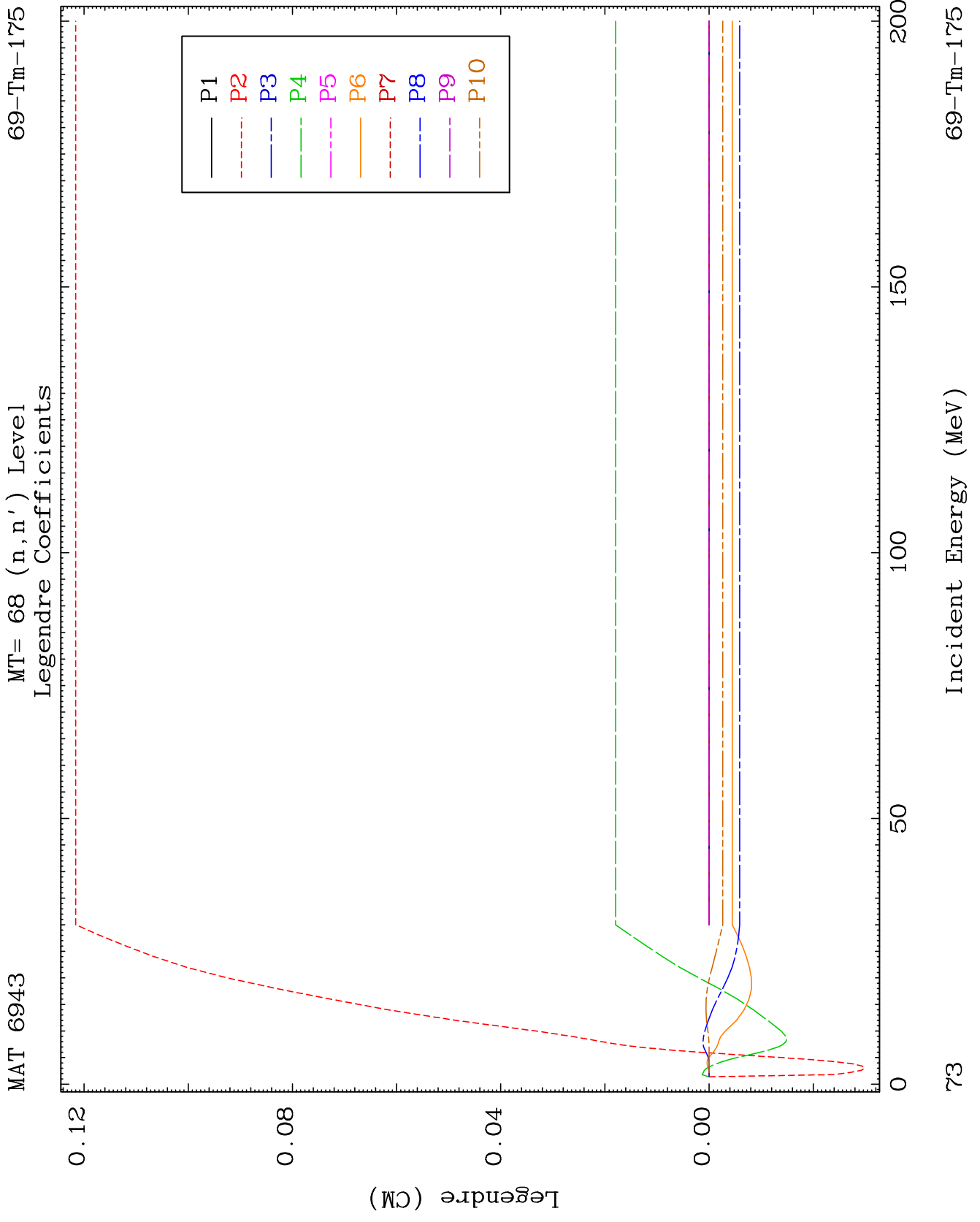
71

Incident Energy (MeV)

69-Tm-175



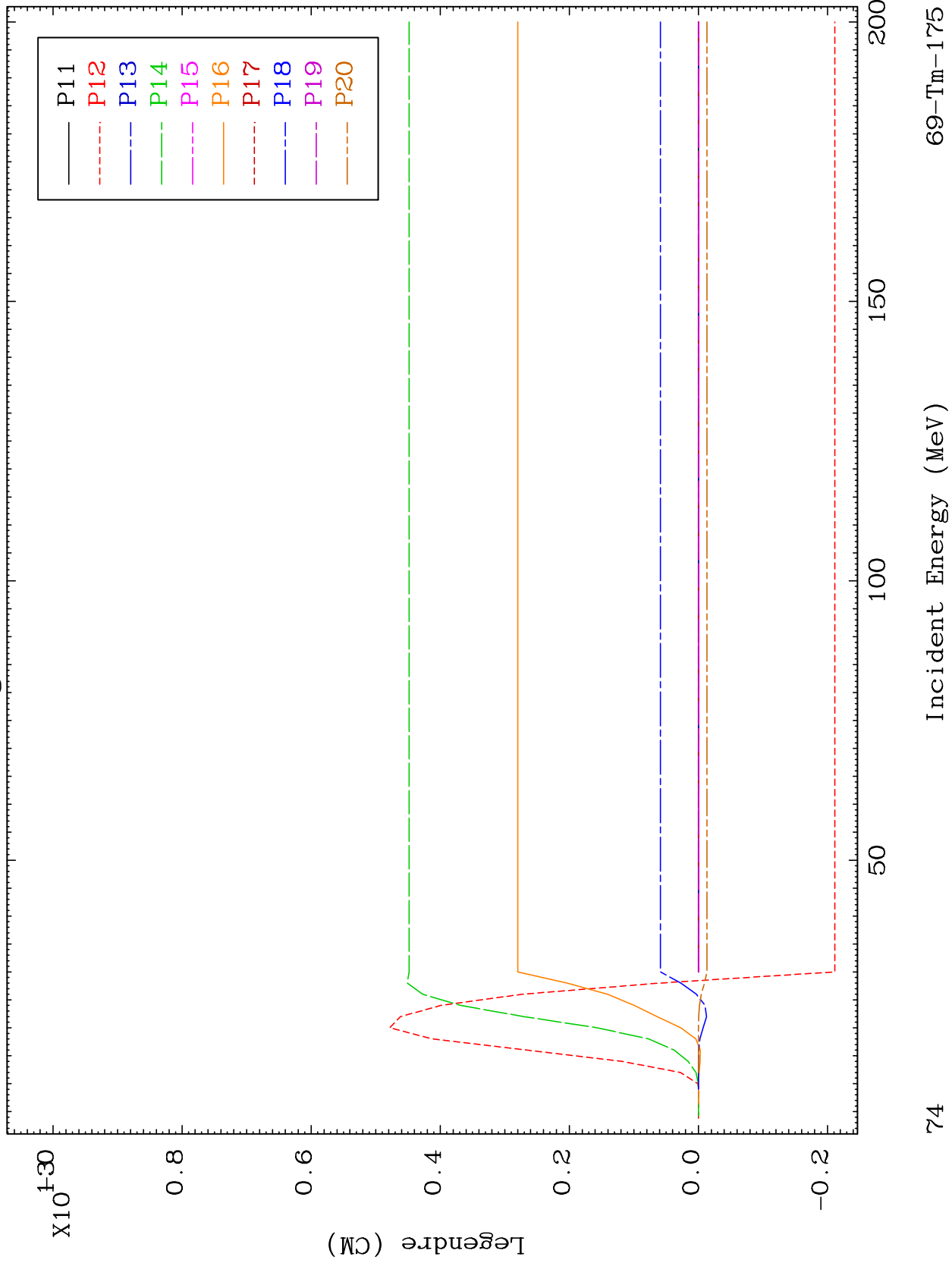




MAT 6943

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

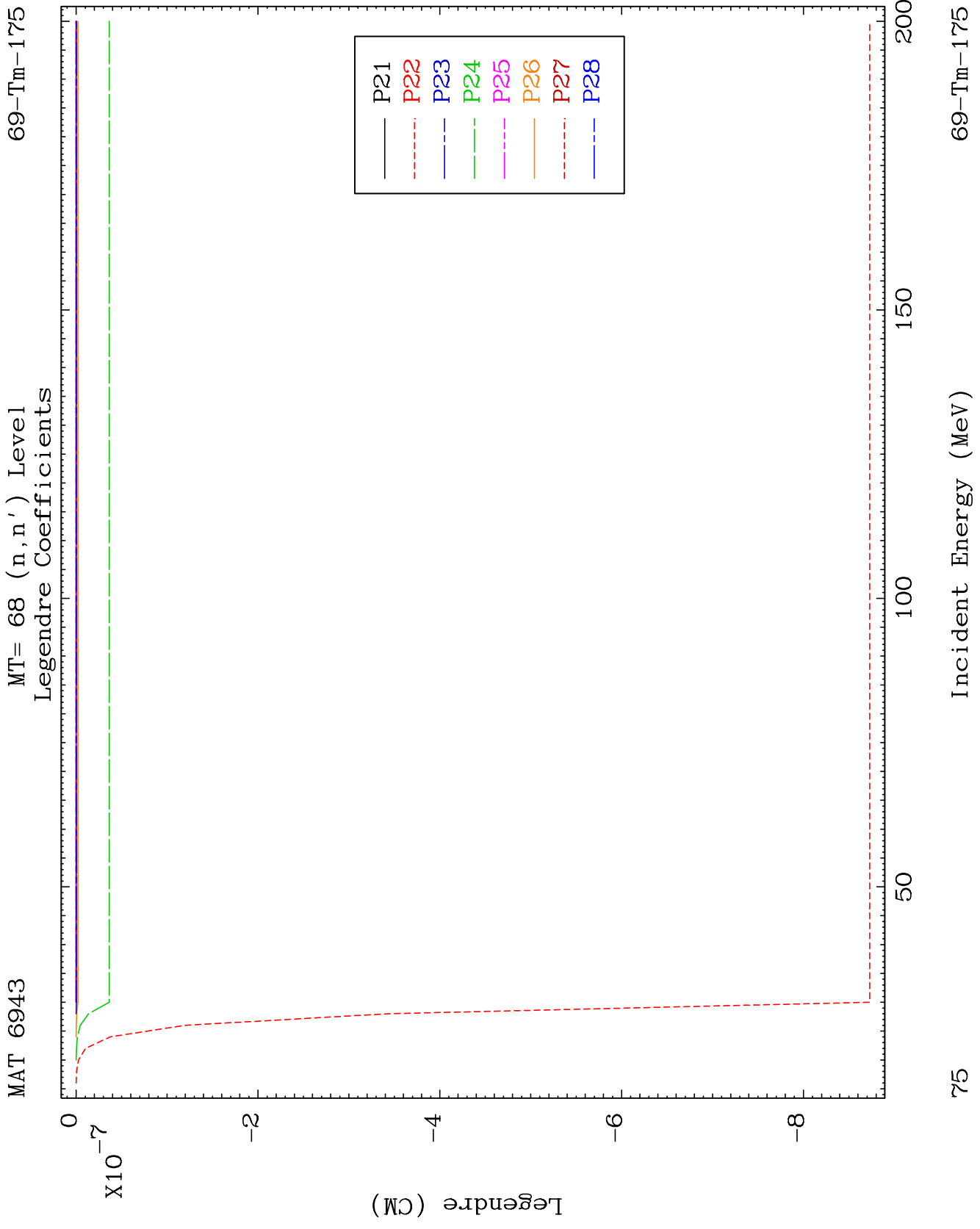
69-Tm-175



74

Incident Energy (MeV)

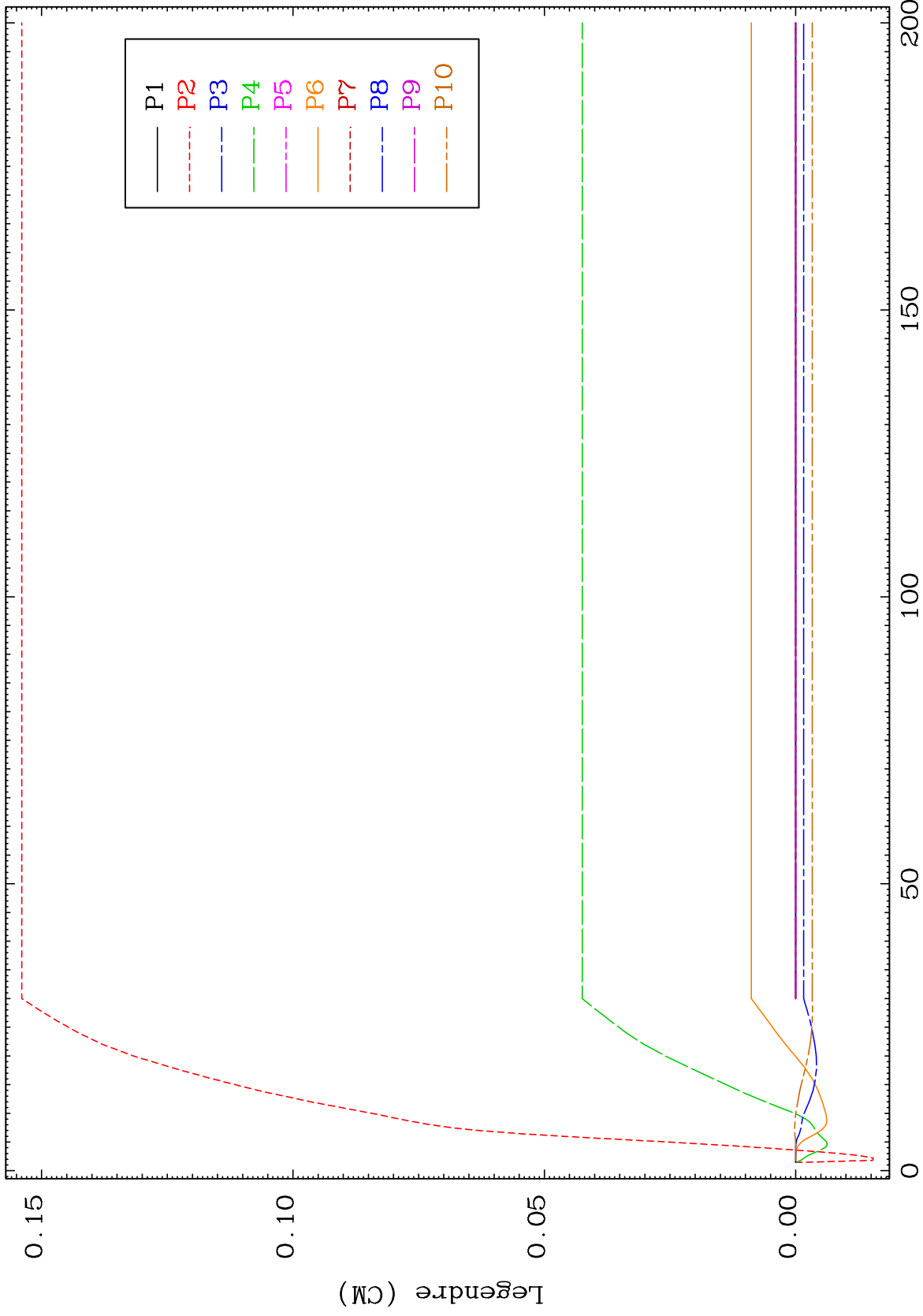
69-Tm-175



MAT 6943

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

69-Tm-175



76

Incident Energy (MeV)

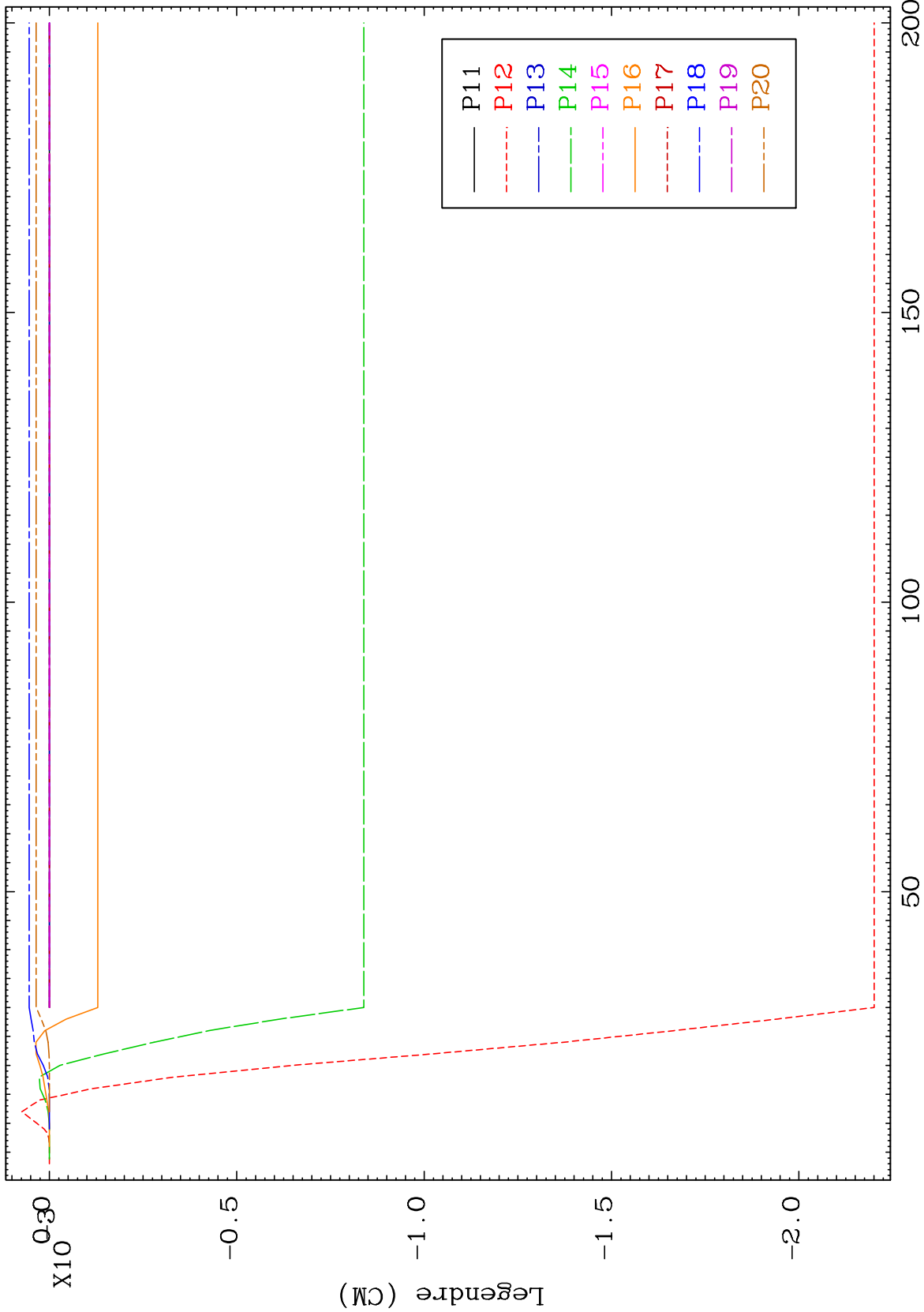
69-Tm-175

MAT 6943

MT= 69 (n,n') Level

69-Tm-175

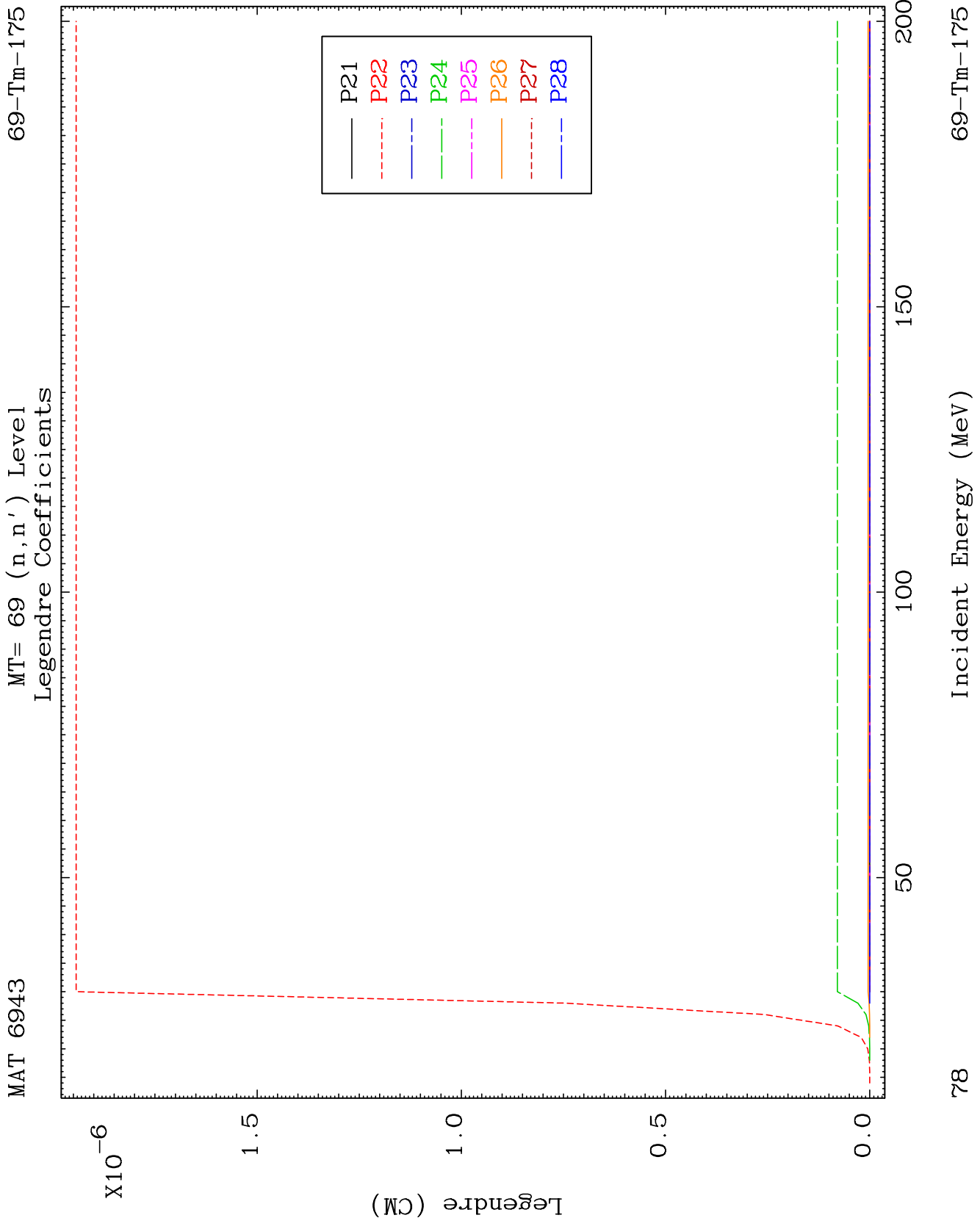
Legendre Coefficients



77

Incident Energy (MeV)

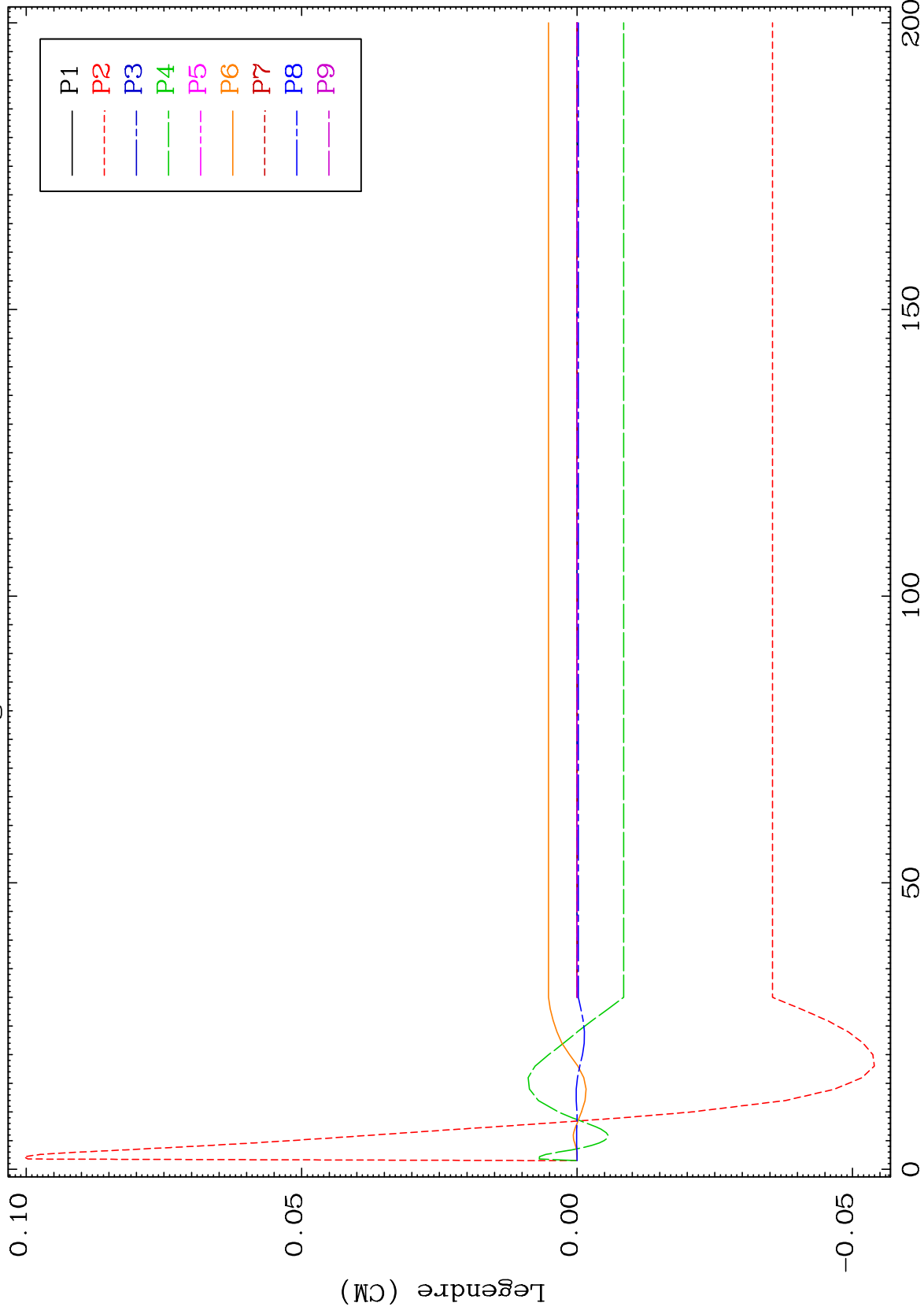
69-Tm-175



MAT 6943

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

69-Tm-175



79

Incident Energy (MeV)

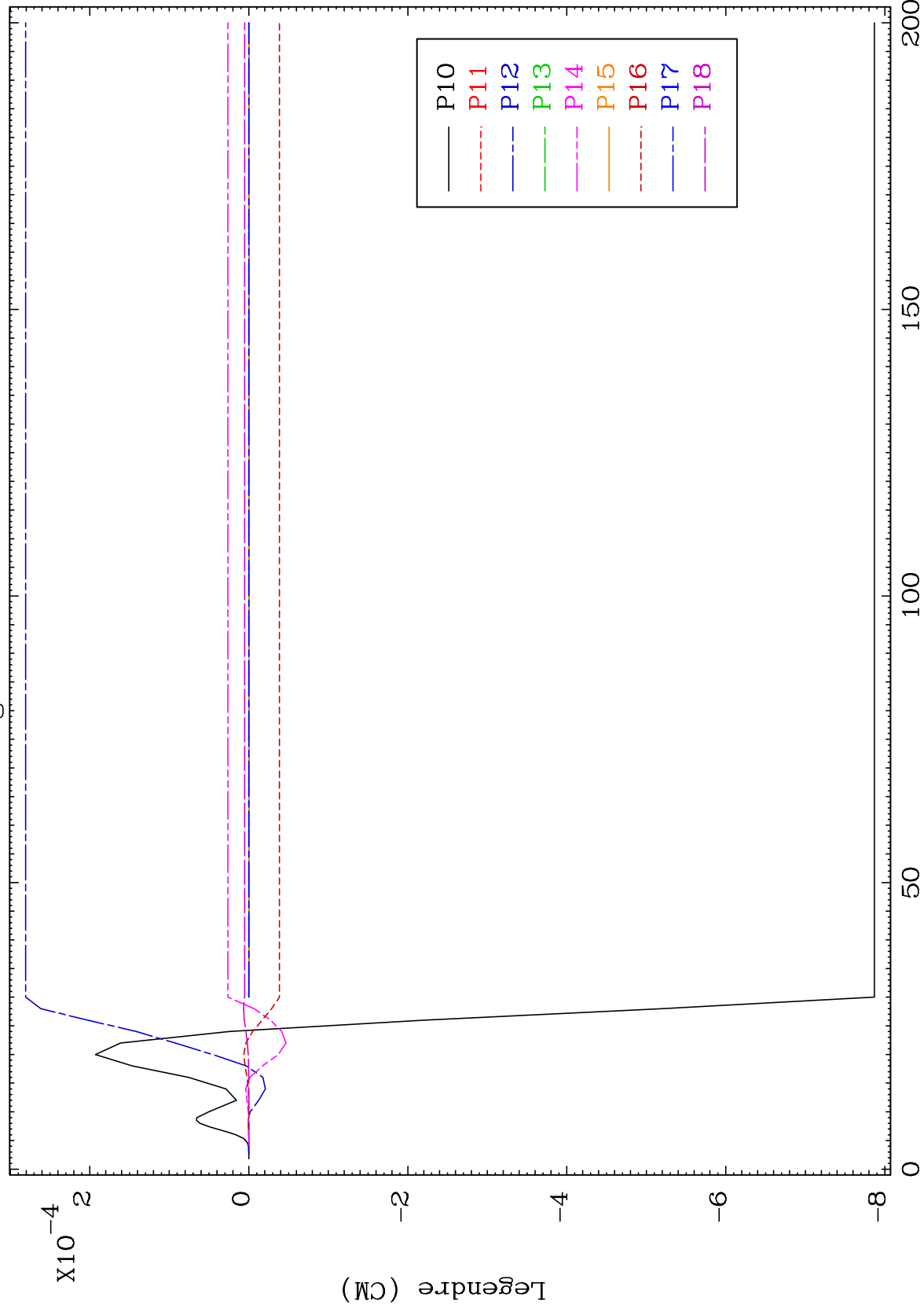
69-Tm-175



MAT 6943

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

69-Tm-175



80

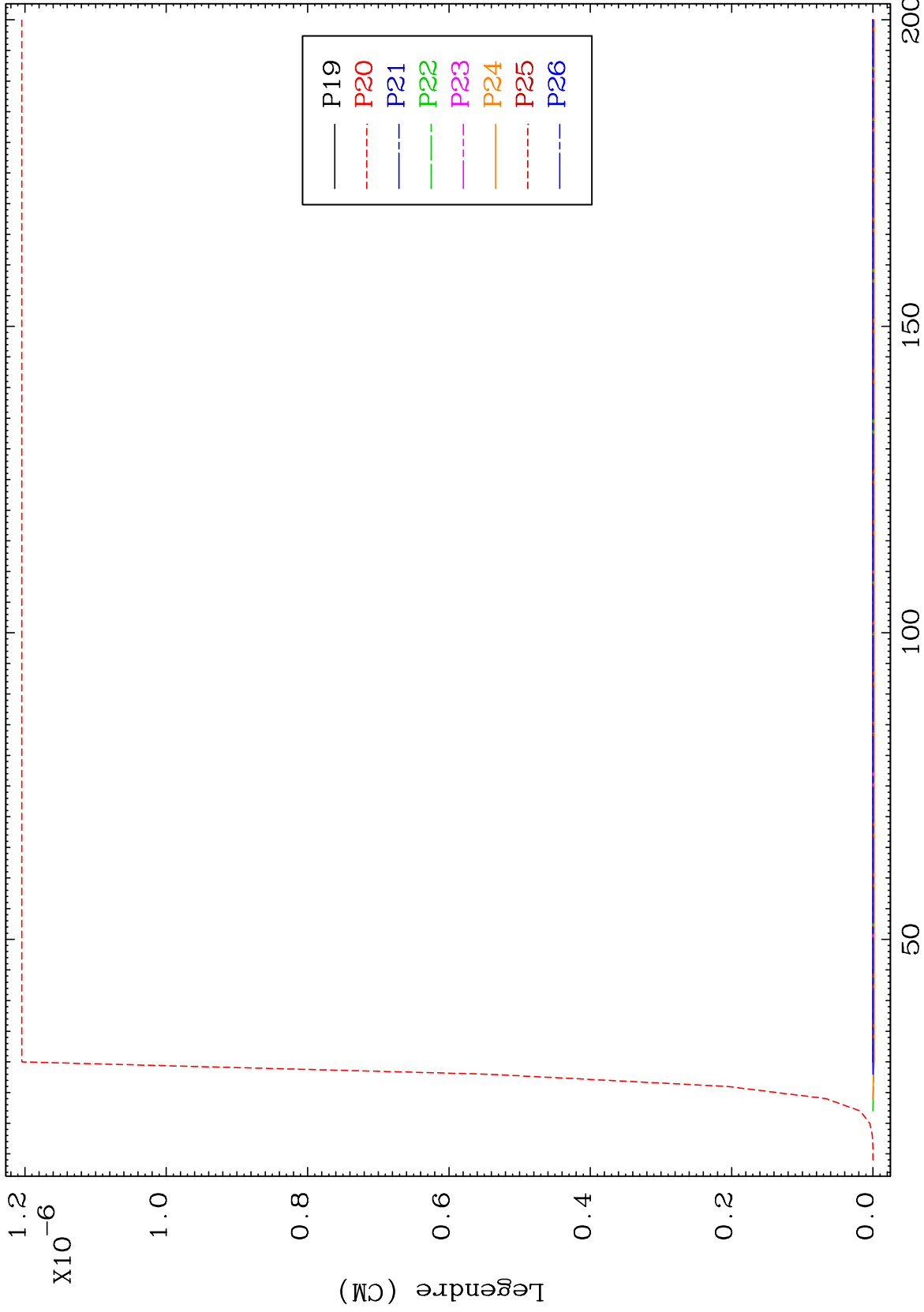
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



81

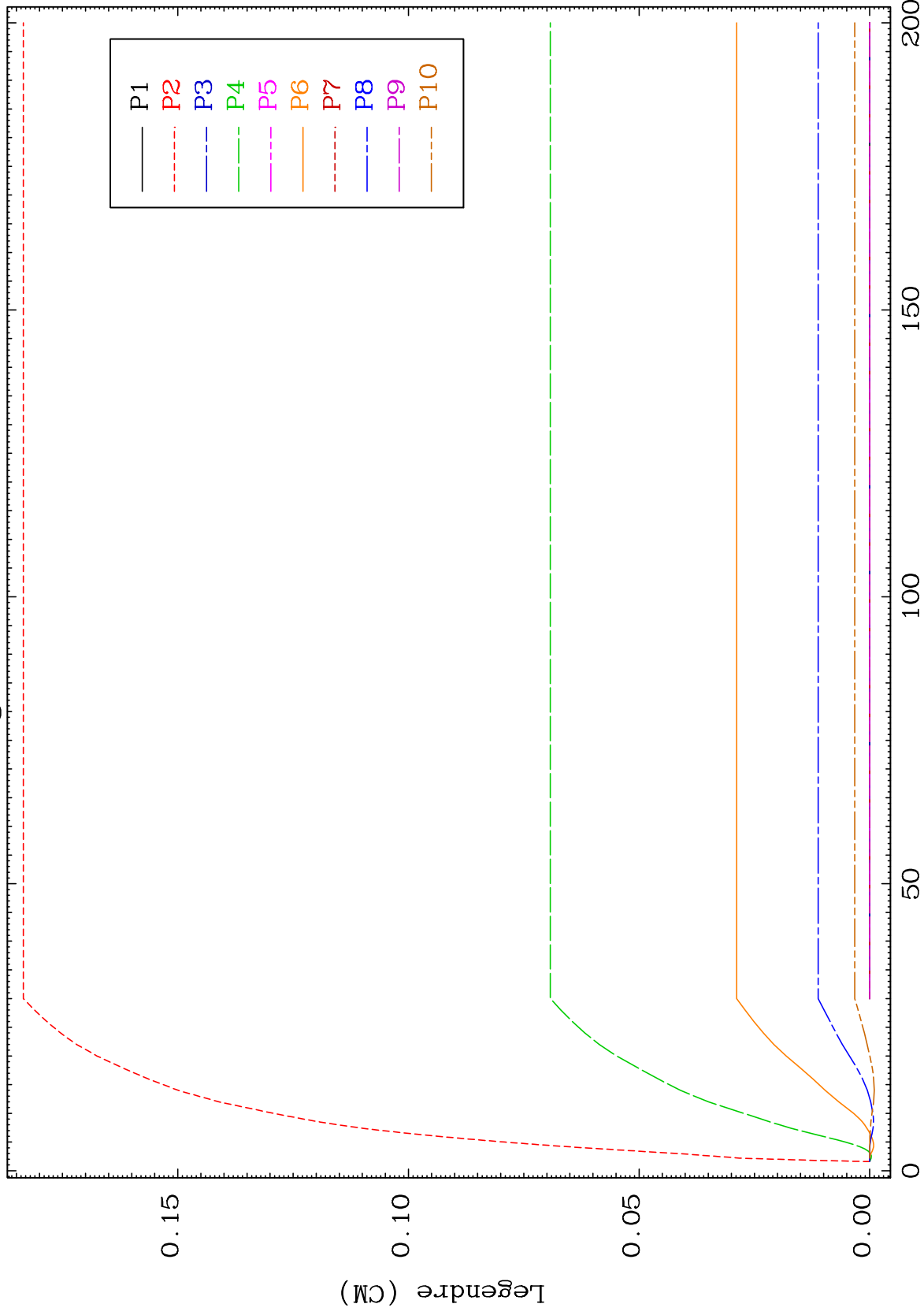
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



82

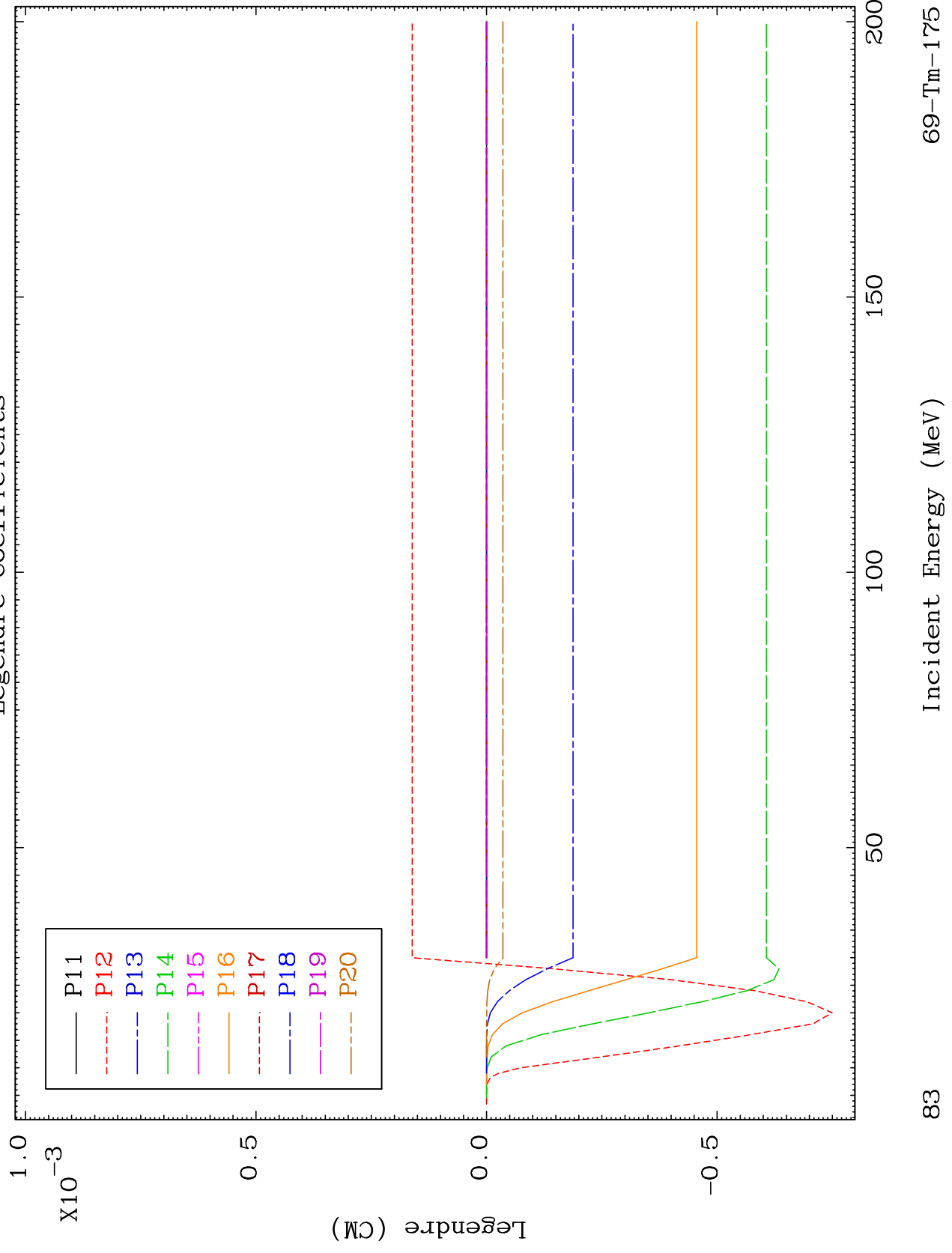
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

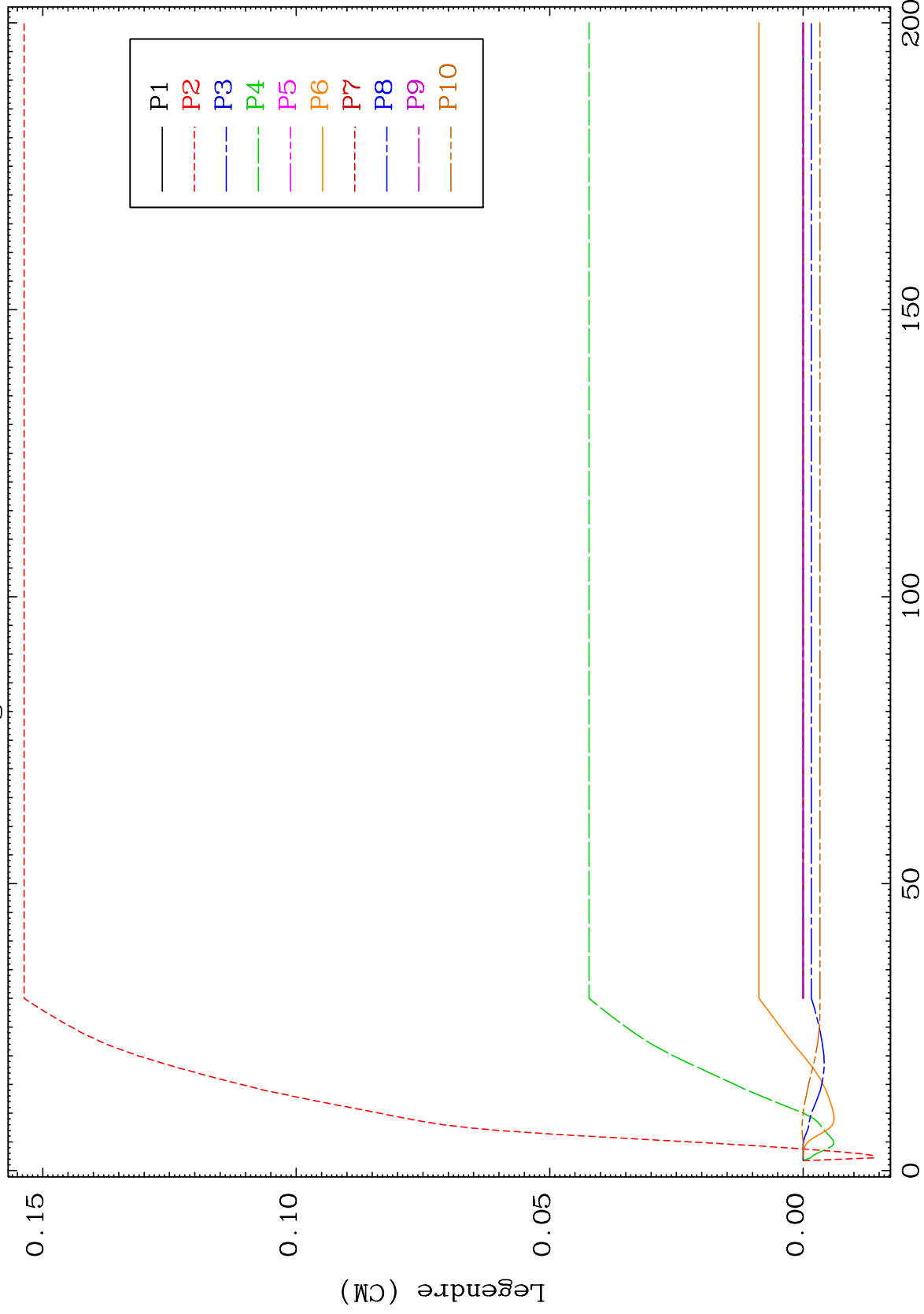




MAT 6943

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

69-Tm-175



85

Incident Energy (MeV)

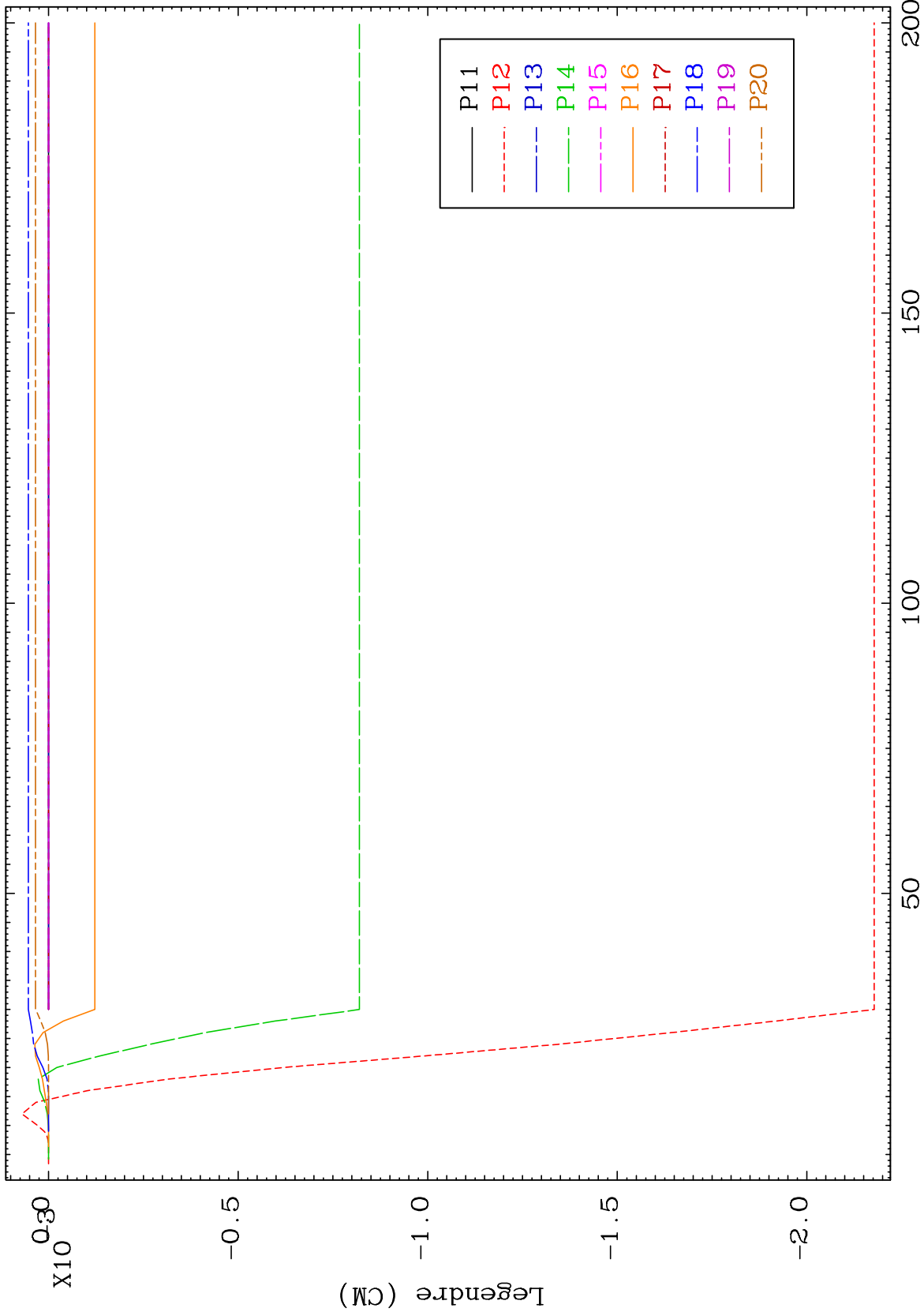
69-Tm-175

MAT 6943

MT= 72 (n,n') Level

69-Tm-175

Legendre Coefficients



86

Incident Energy (MeV)

69-Tm-175

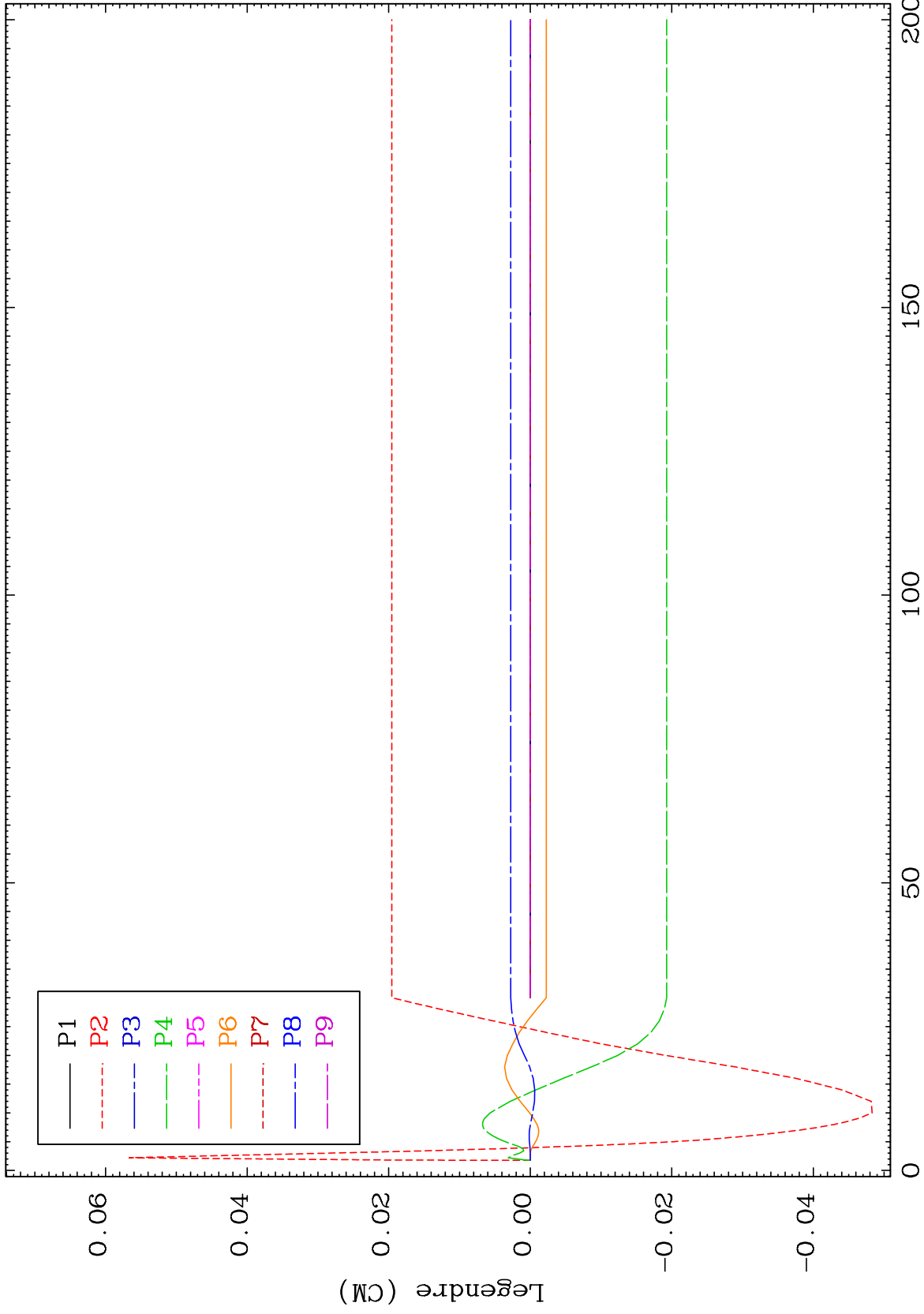




MAT 6943

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

69-Tm-175



88

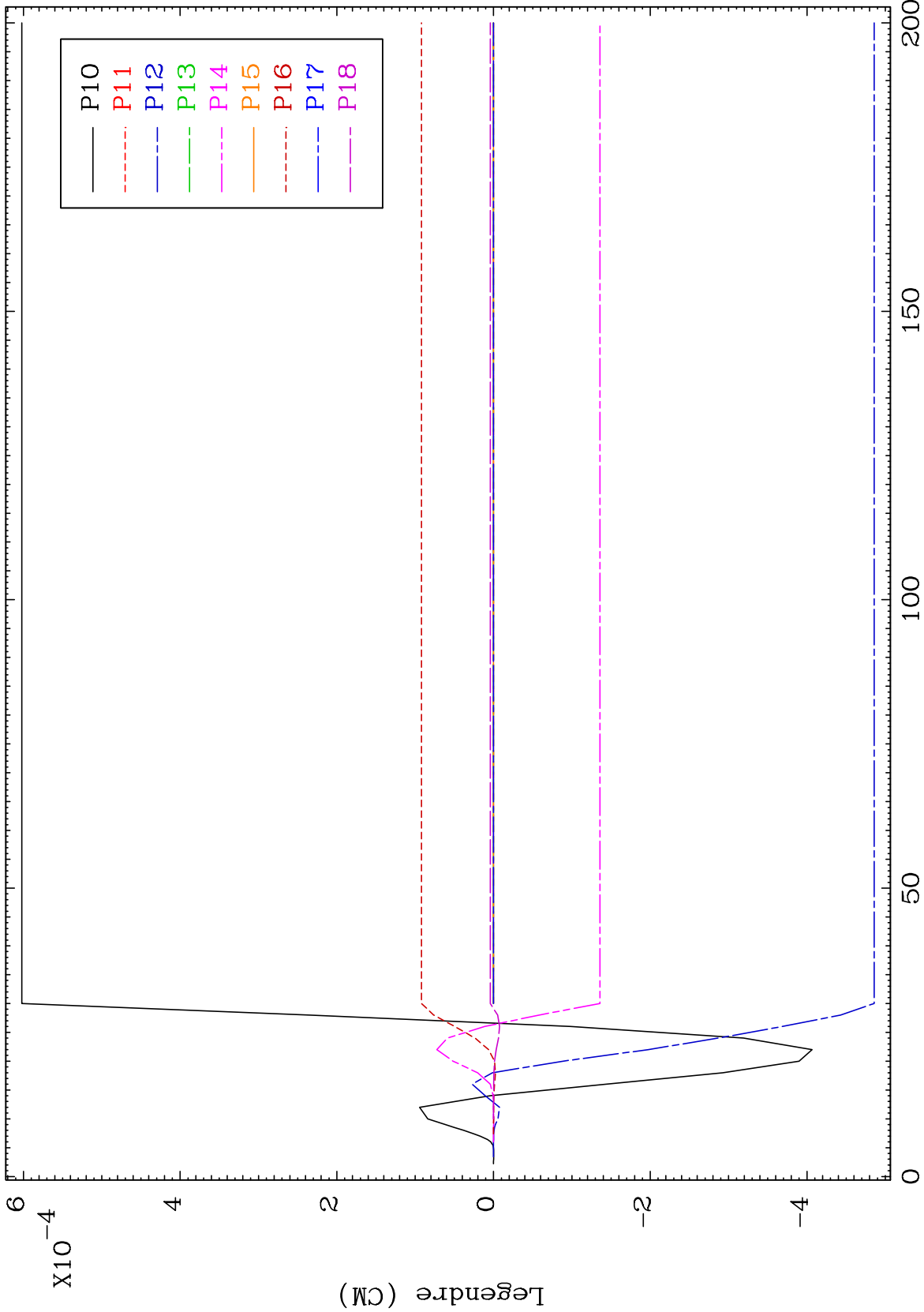
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

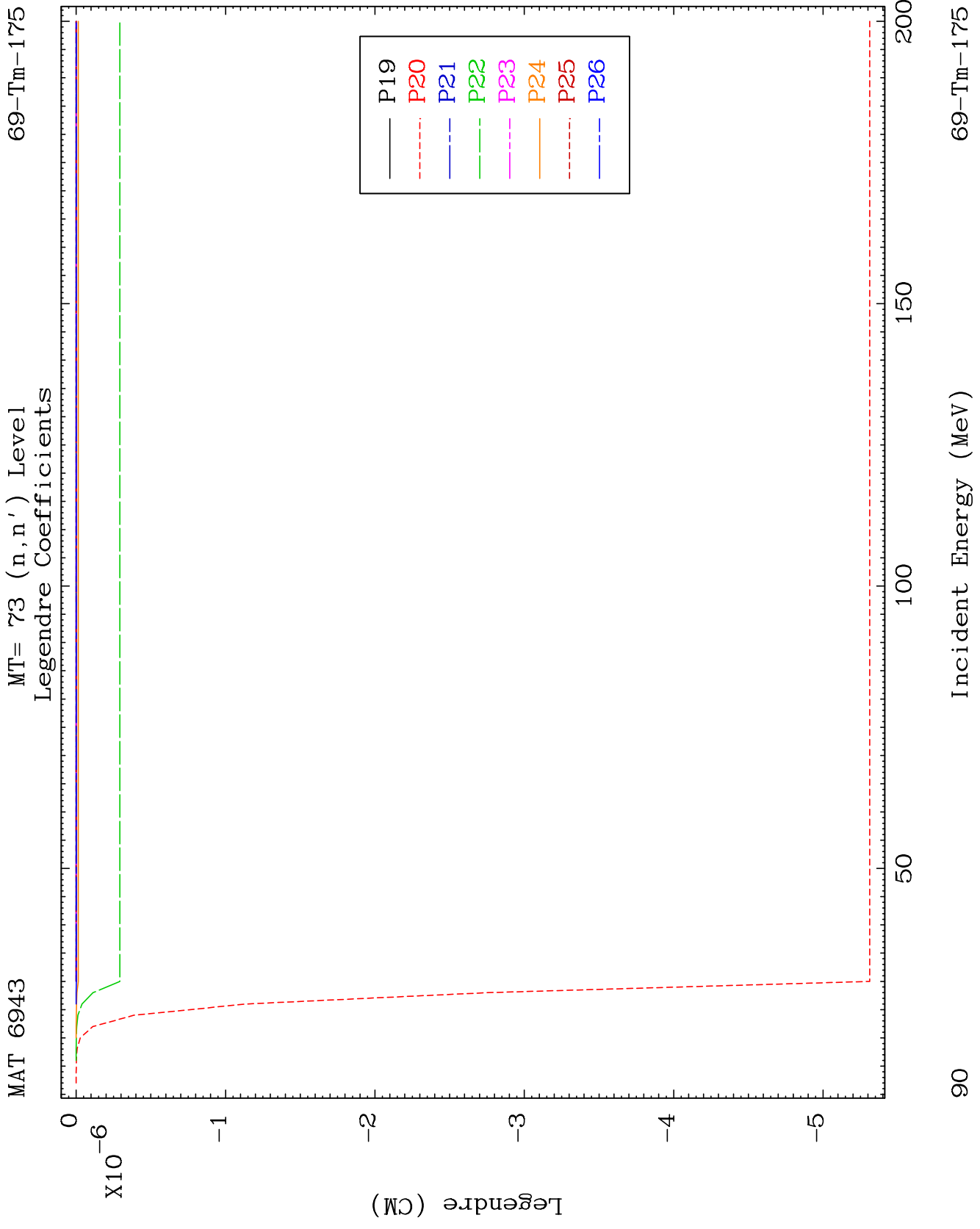
69-Tm-175

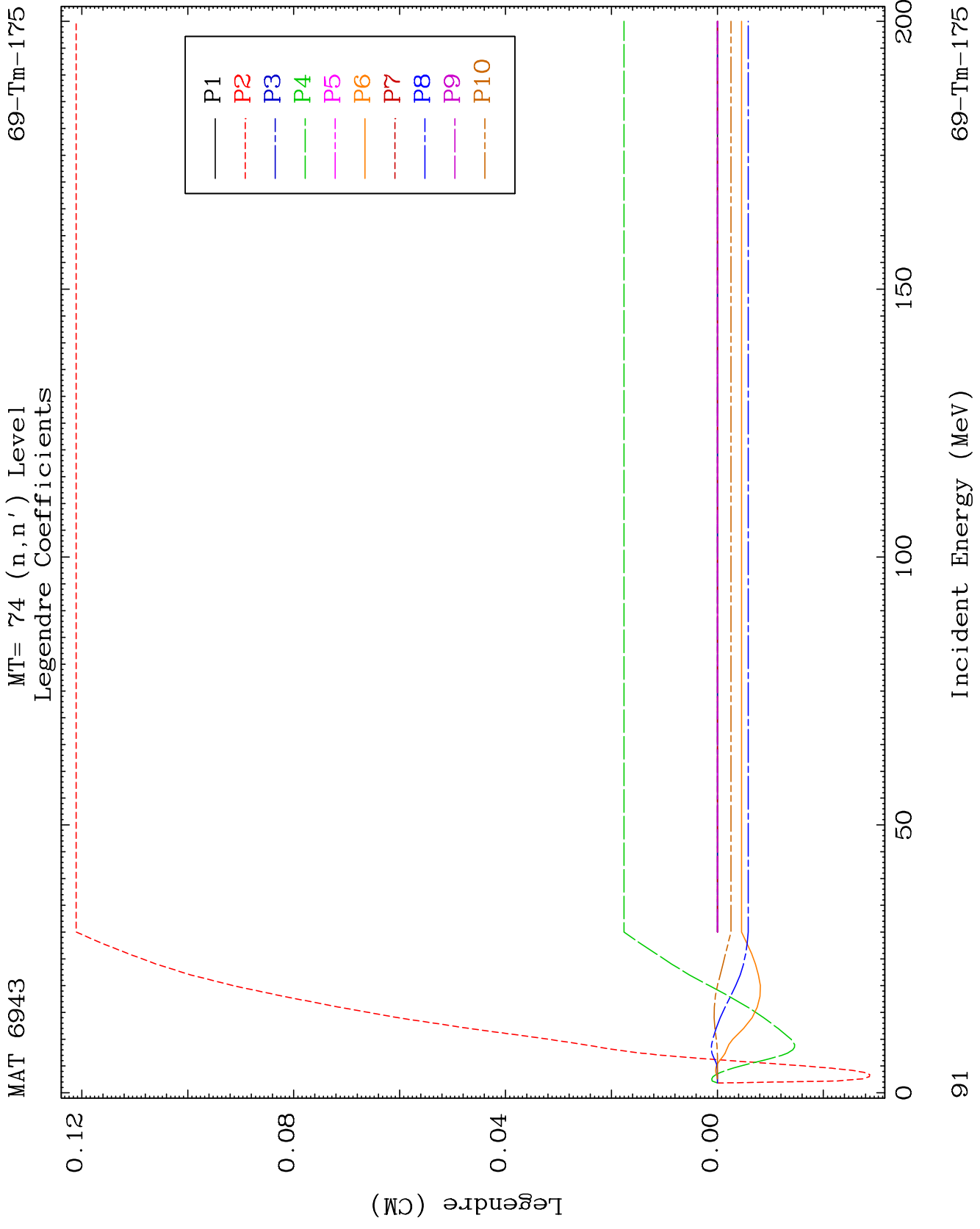


89

Incident Energy (MeV)

69-Tm-175

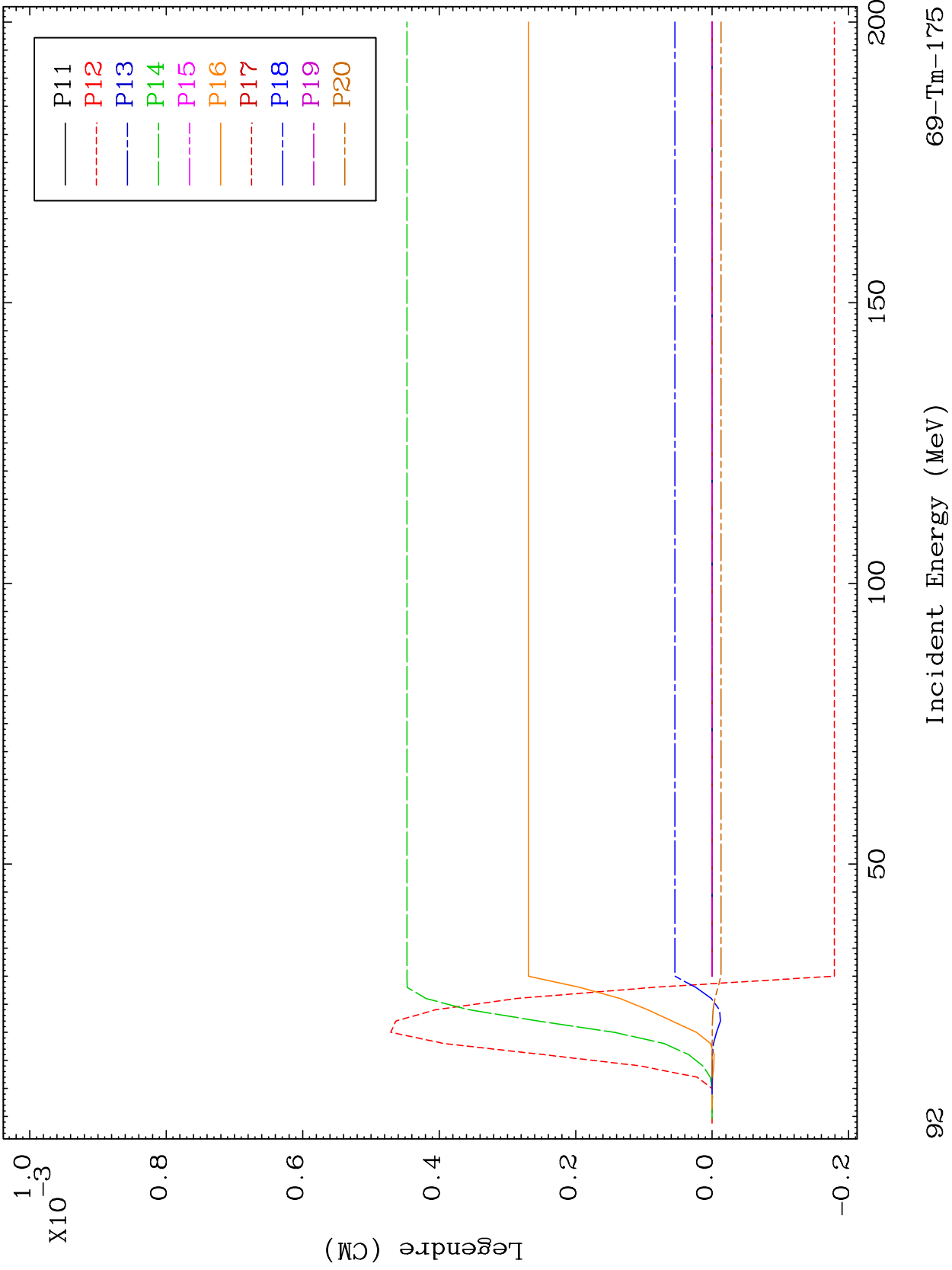




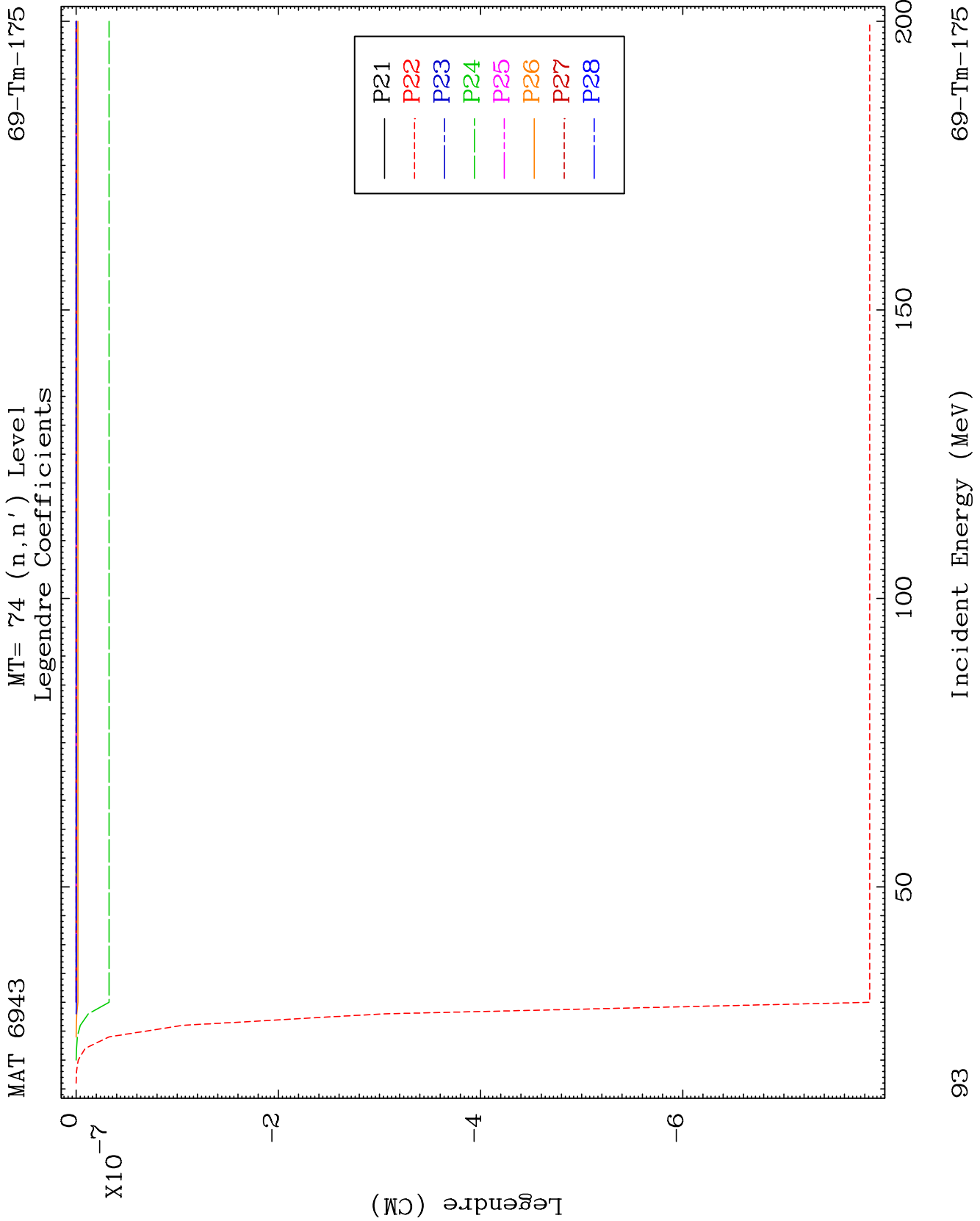
MAT 6943

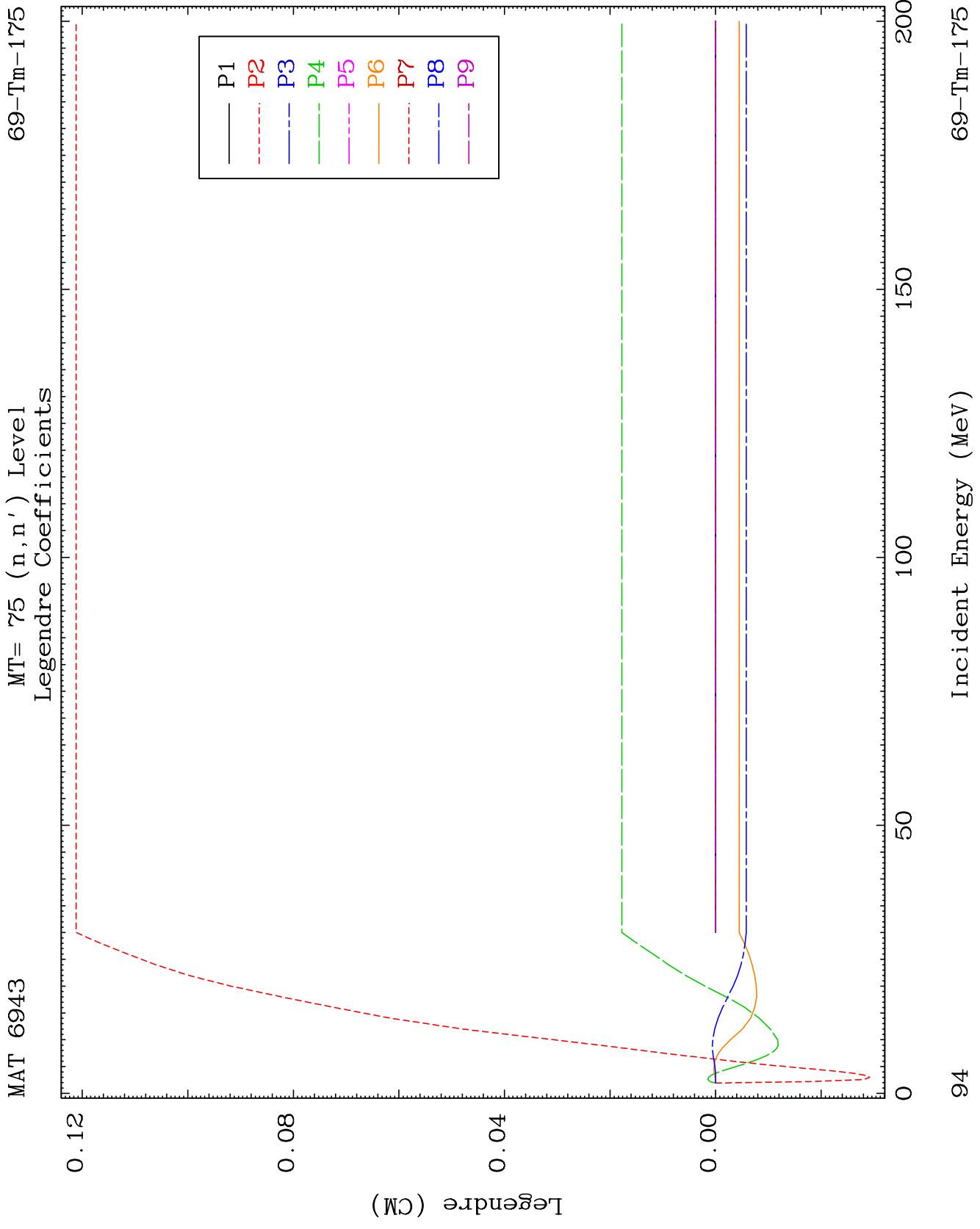
MT= 74 (n,n') Level  
Legendre Coefficients

69-Tm-175



92

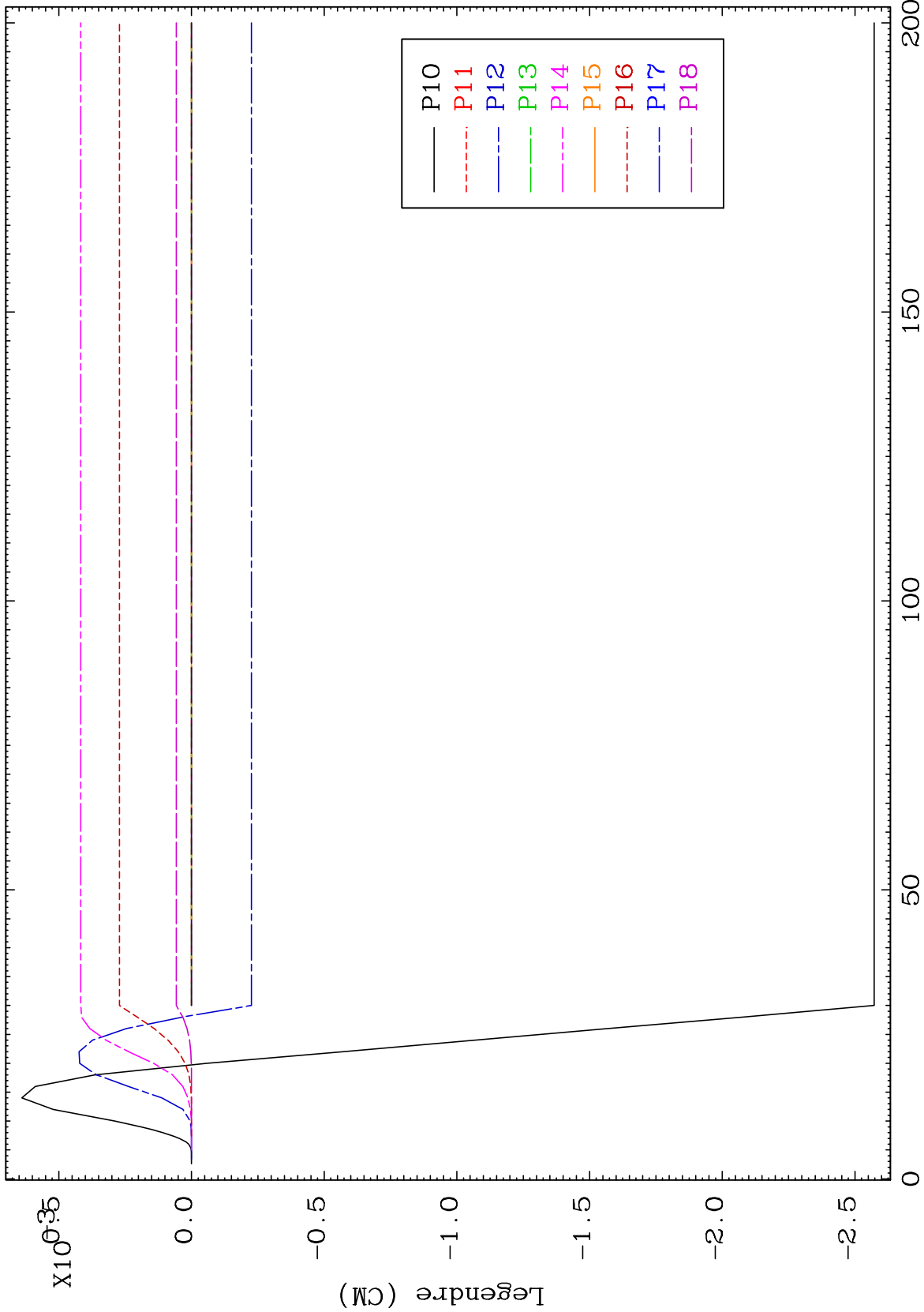




MAT 6943

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

69-Tm-175

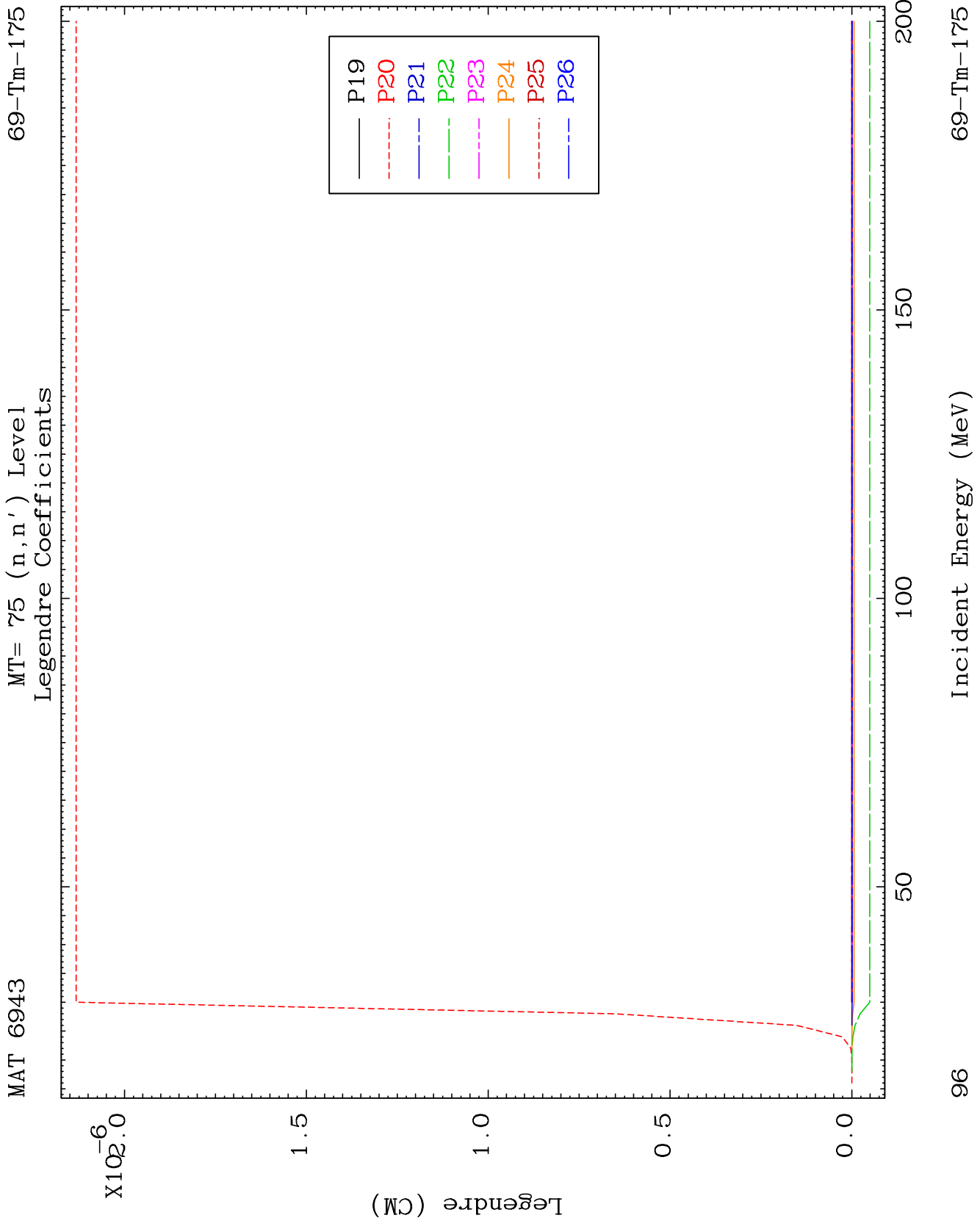


95

Incident Energy (MeV)

69-Tm-175

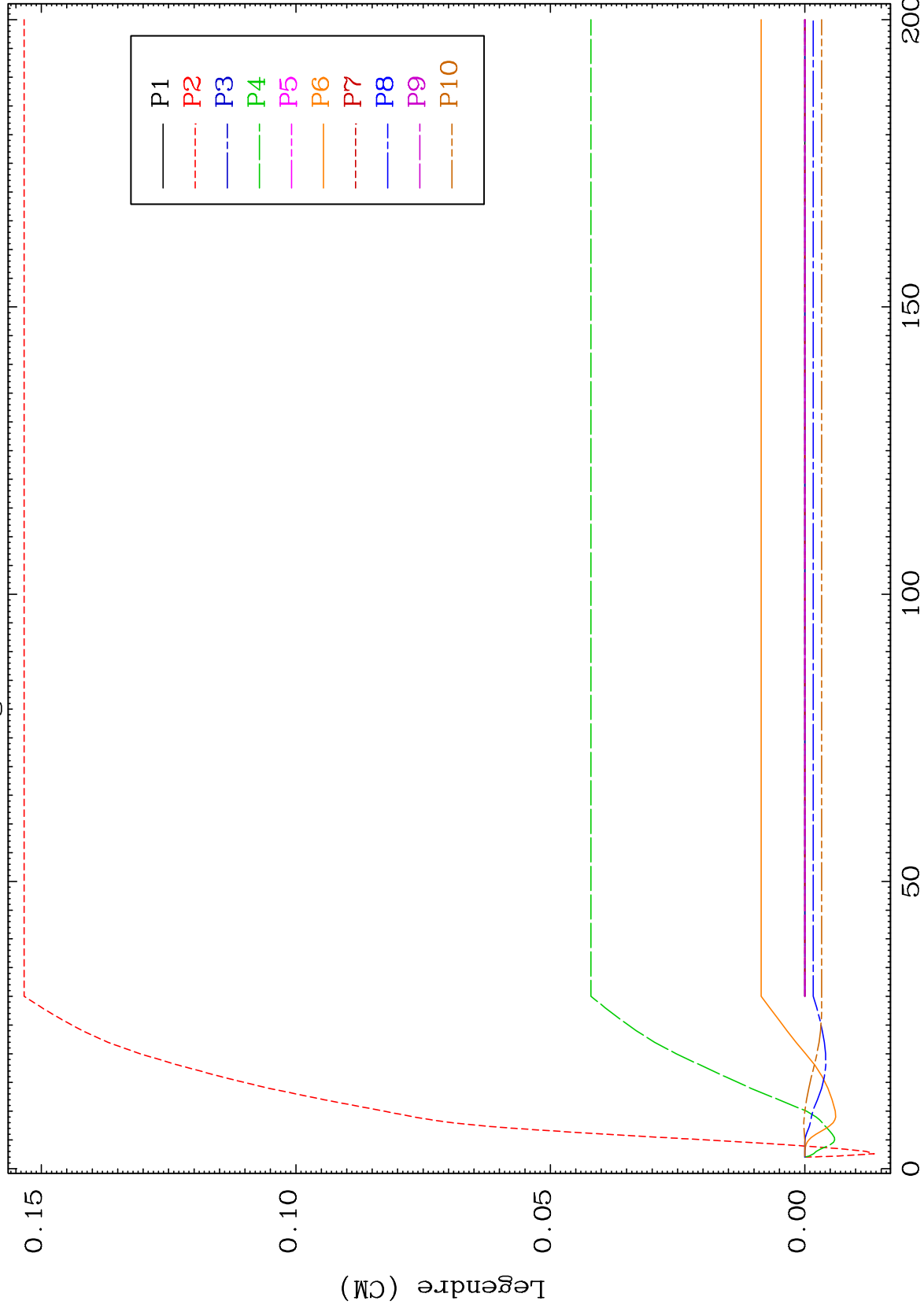




MAT 6943

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

69-Tm-175



97

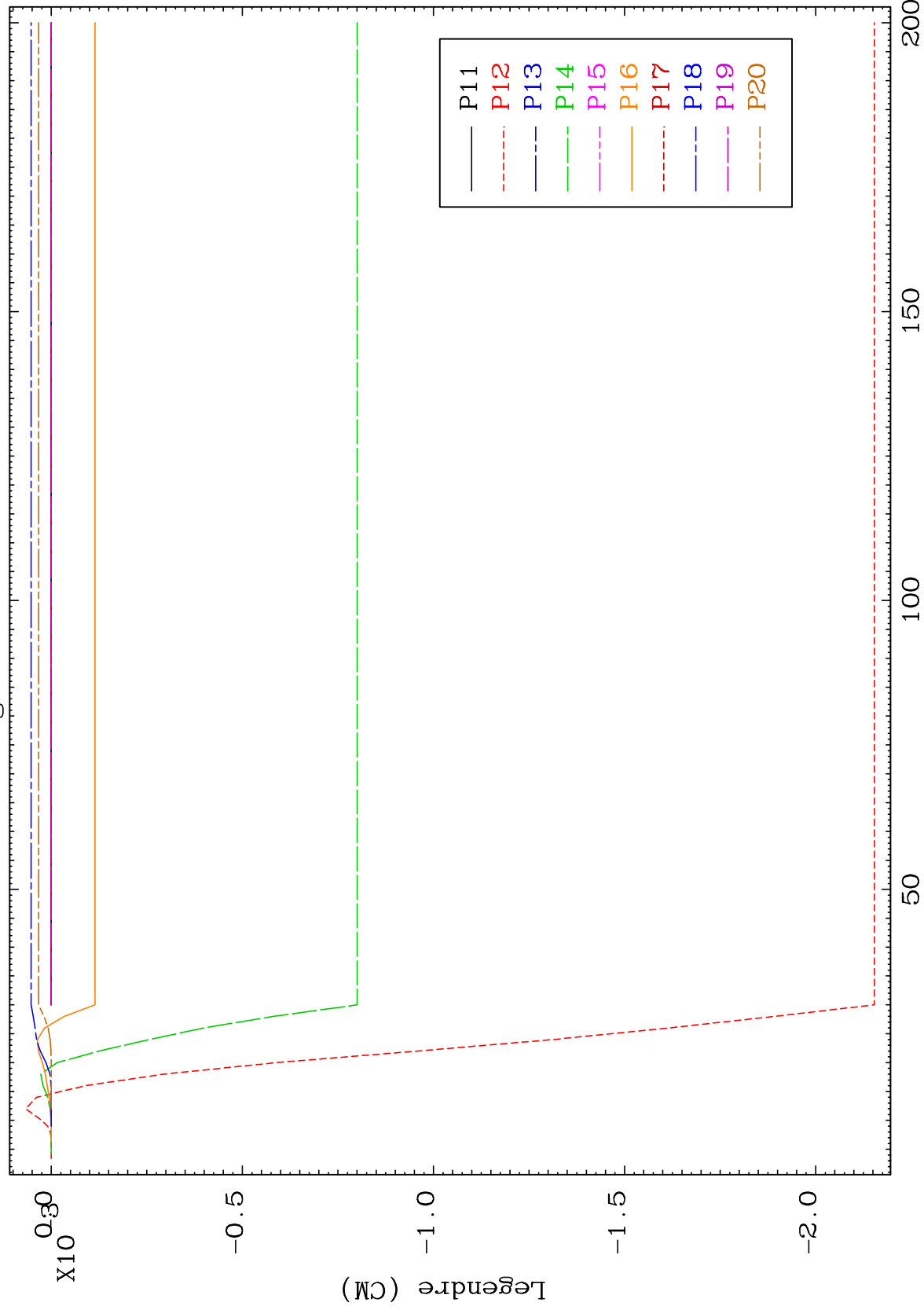
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

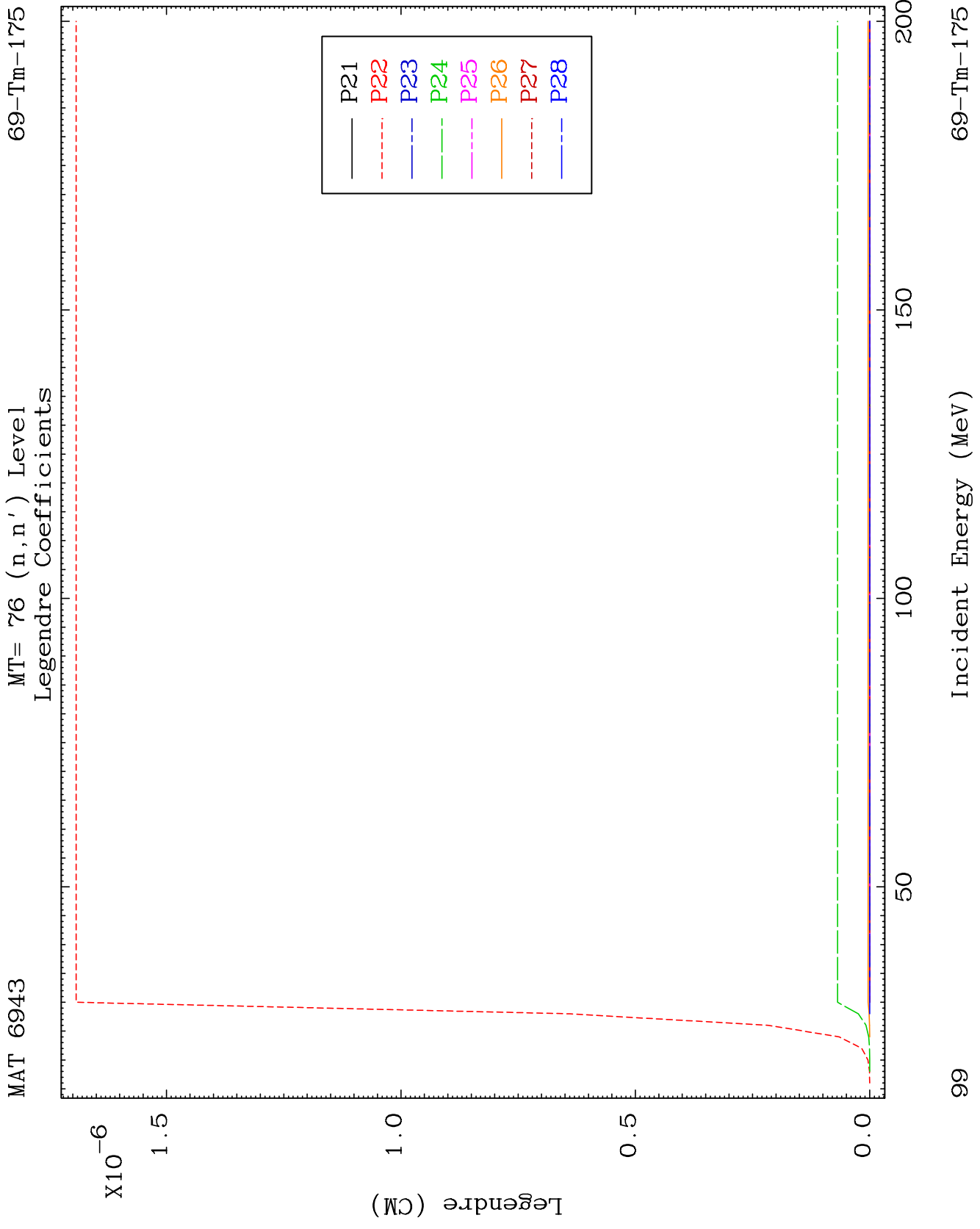
69-Tm-175



98

Incident Energy (MeV)

69-Tm-175

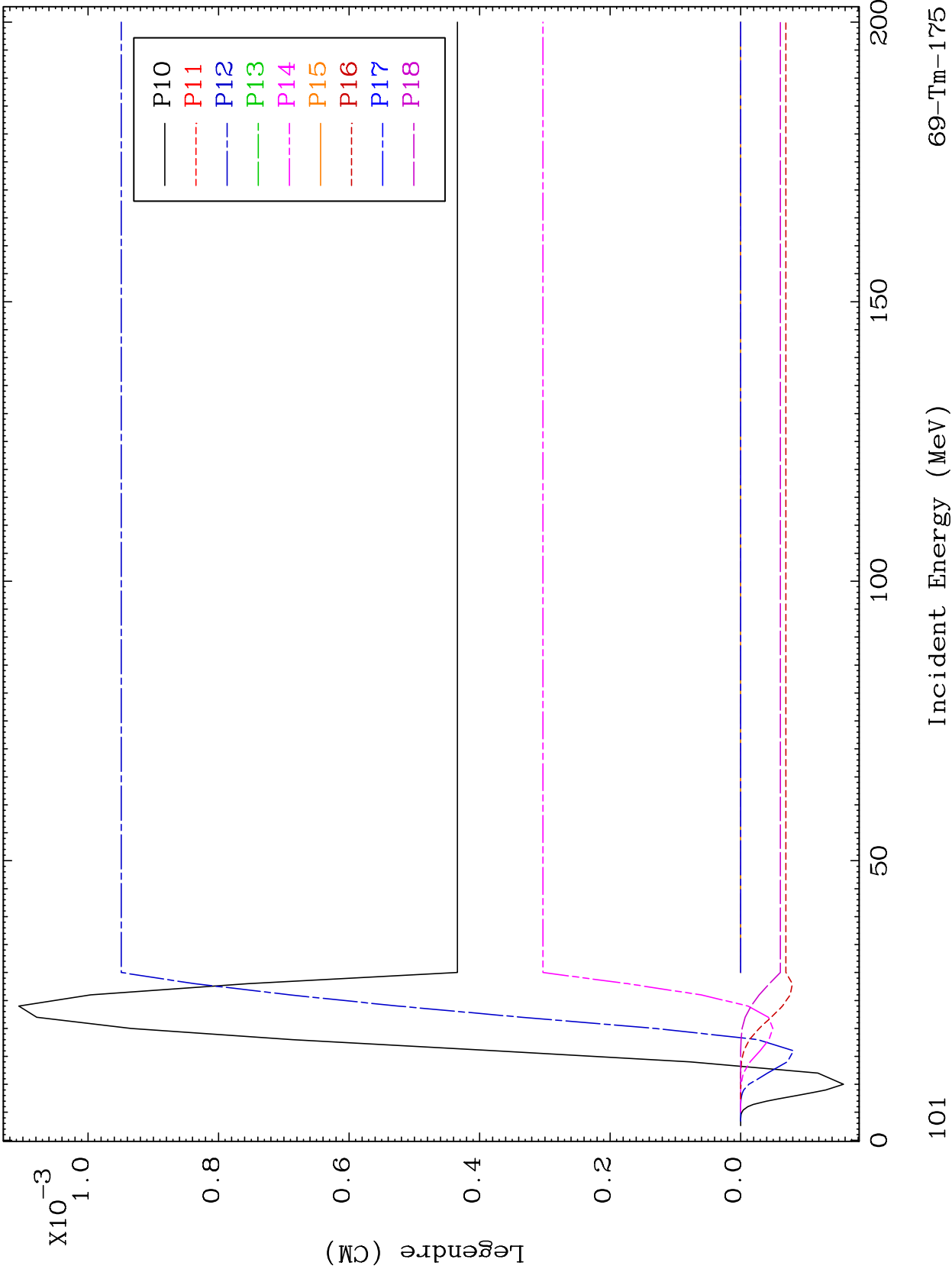




MAT 6943

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

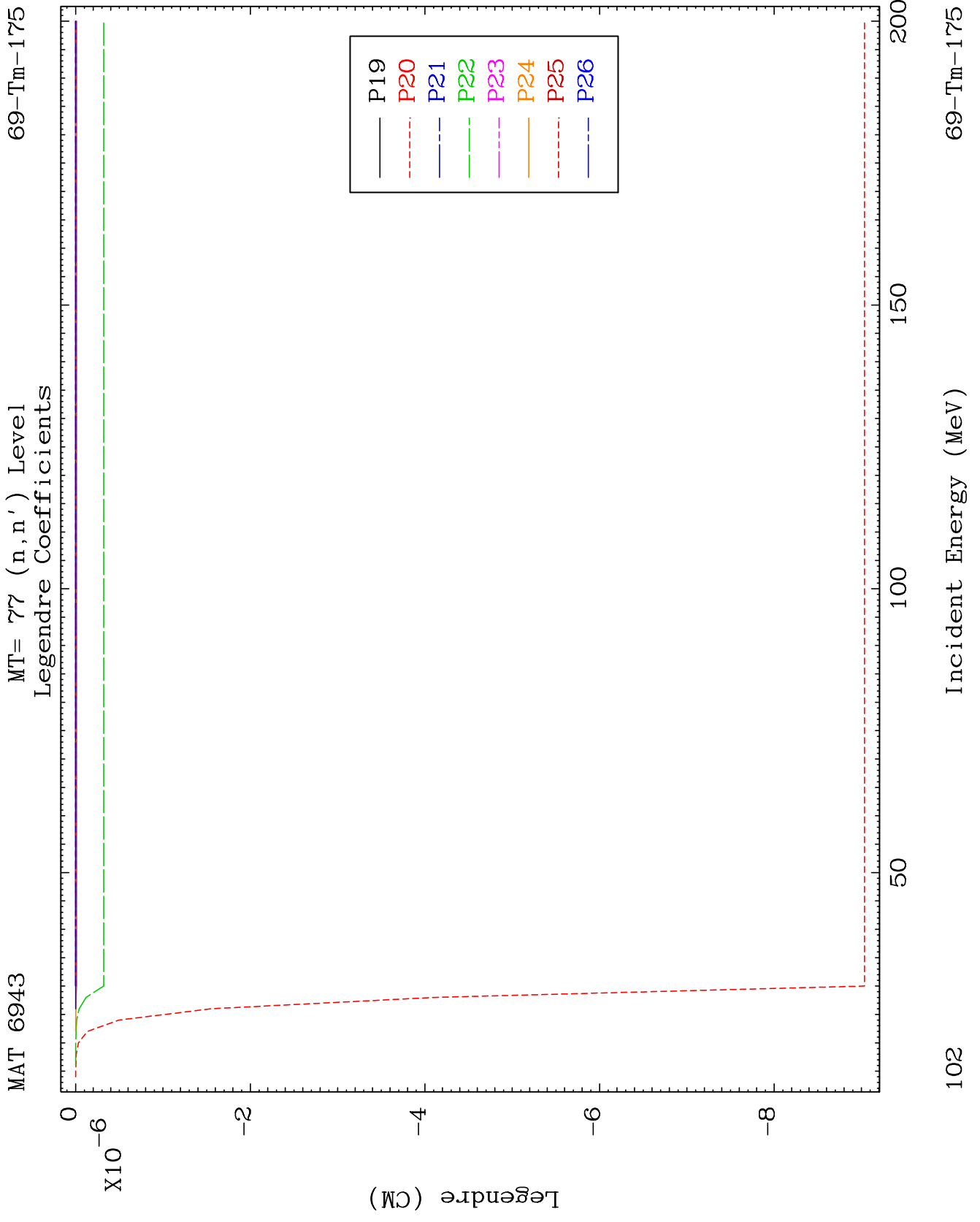
69-Tm-175



101

Incident Energy (MeV)

69-Tm-175



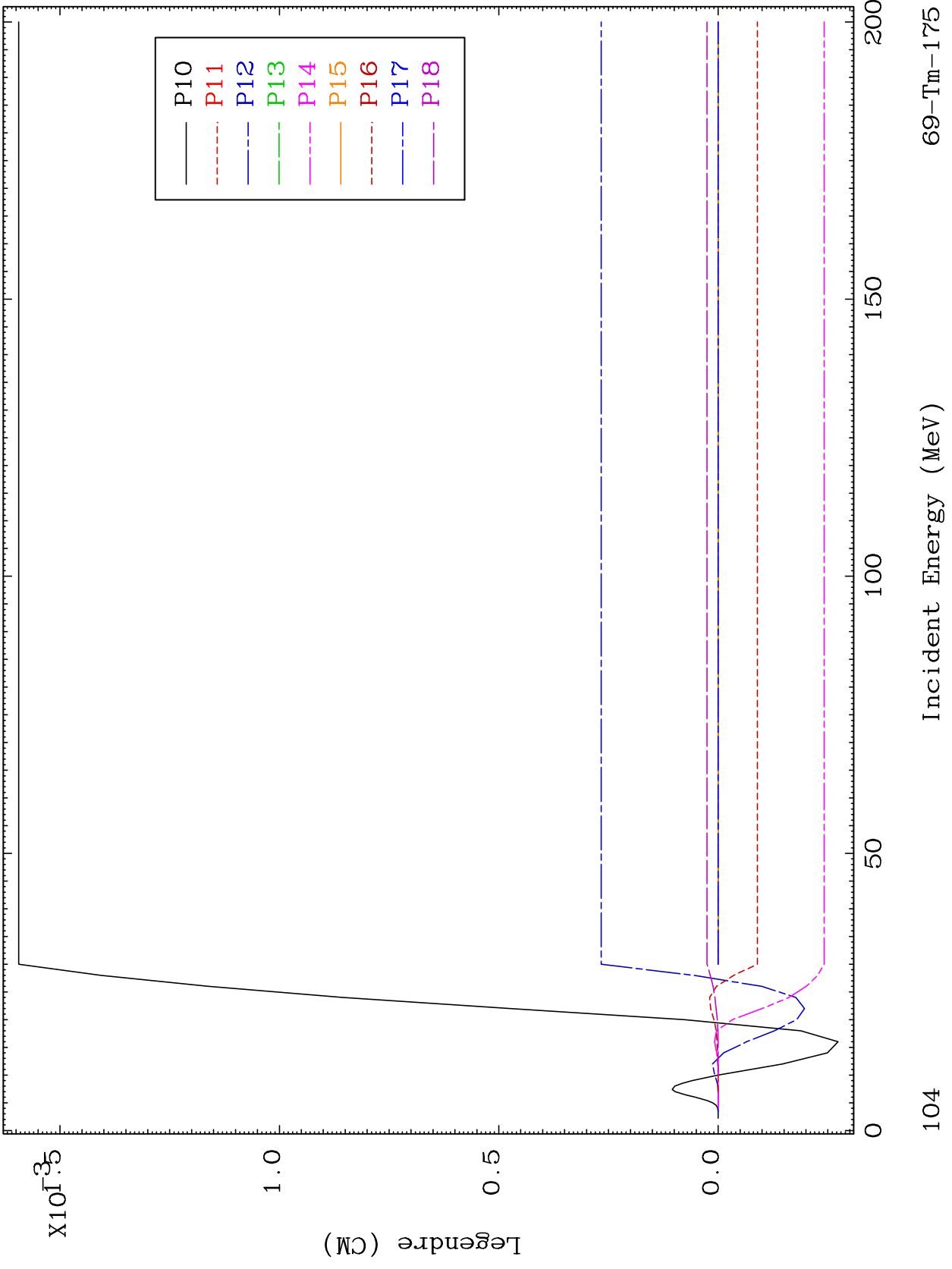




MAT 6943

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-175

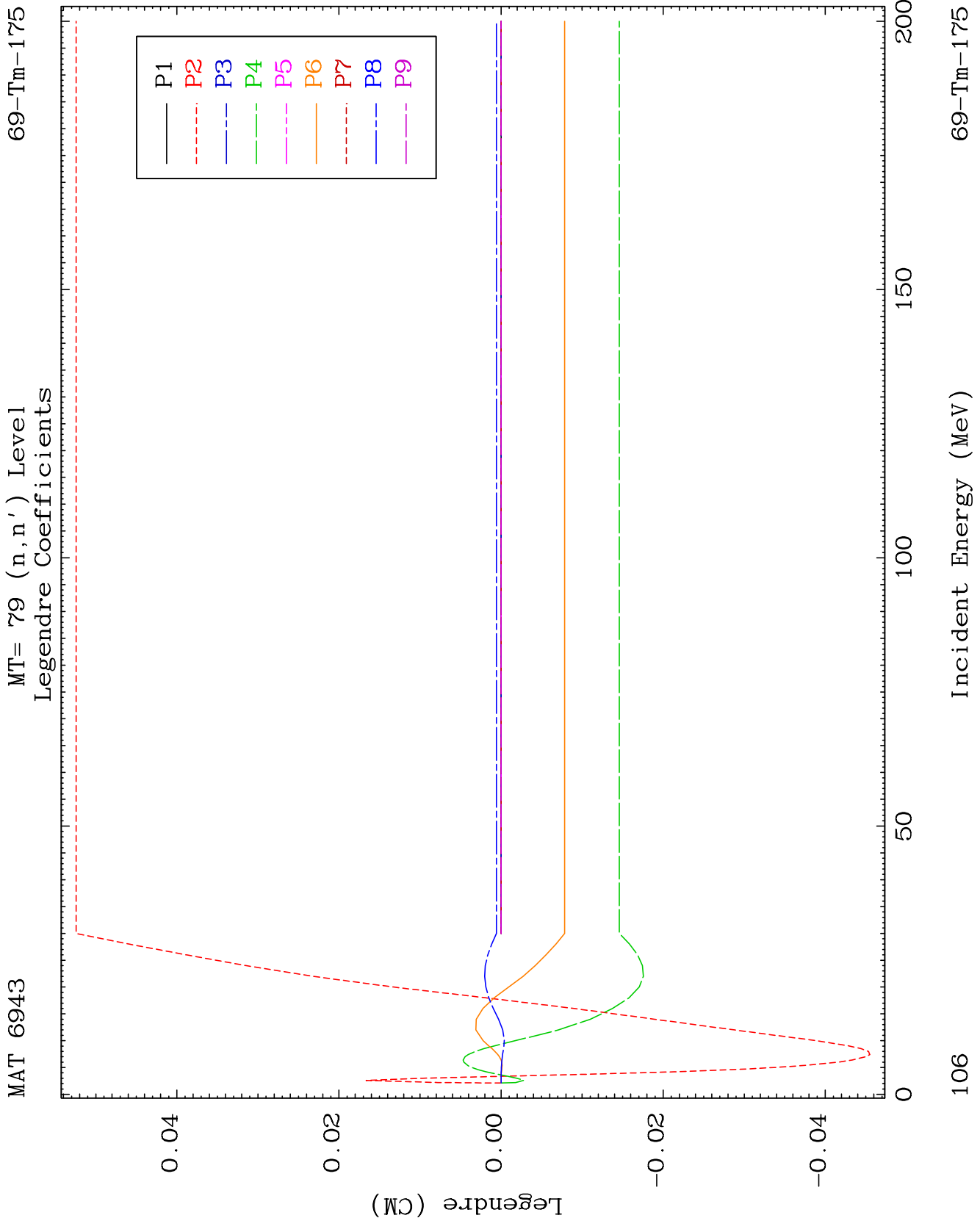


69-Tm-175

Incident Energy (MeV)

104

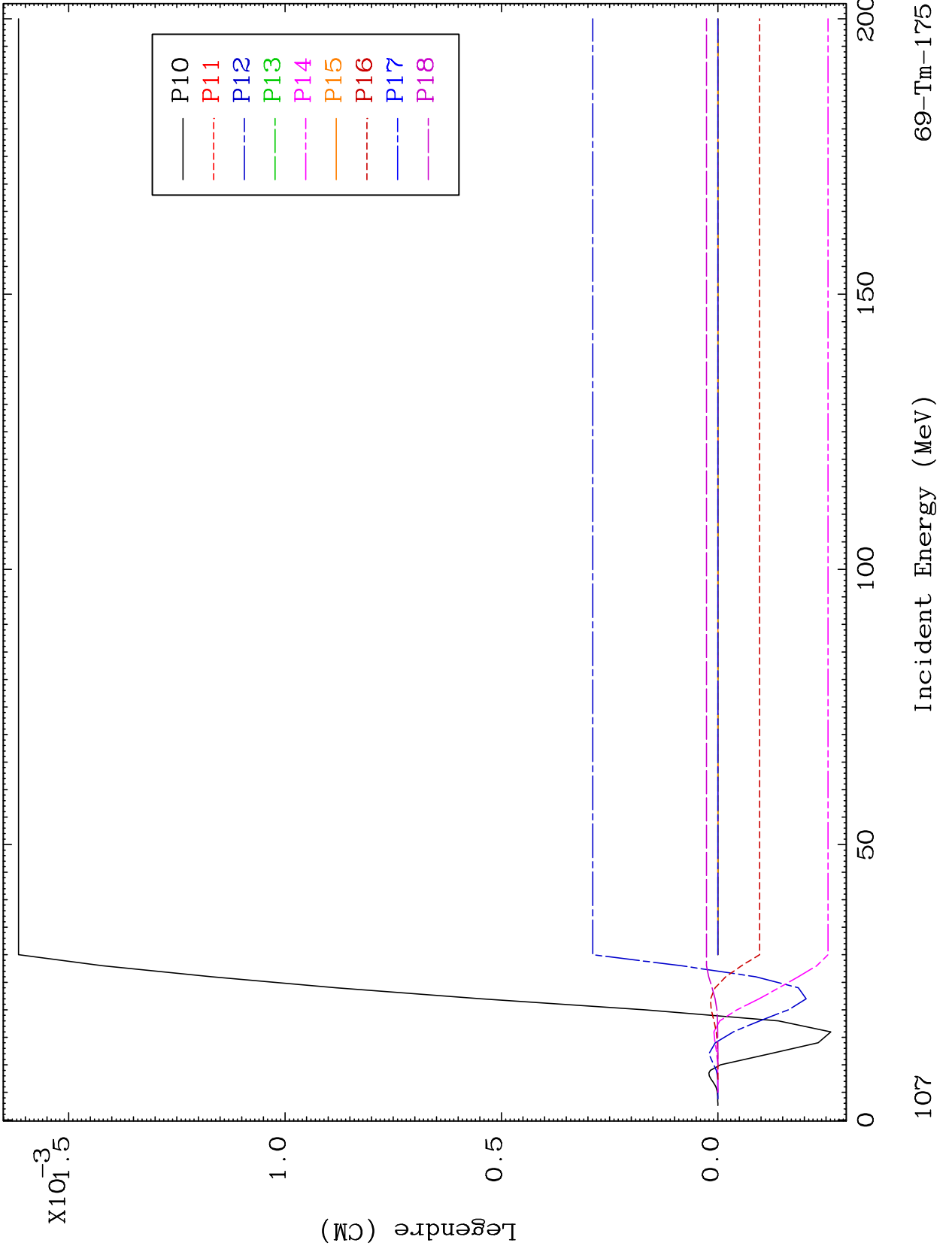




MAT 6943

MT= 79 (n,n') Level  
Legendre Coefficients

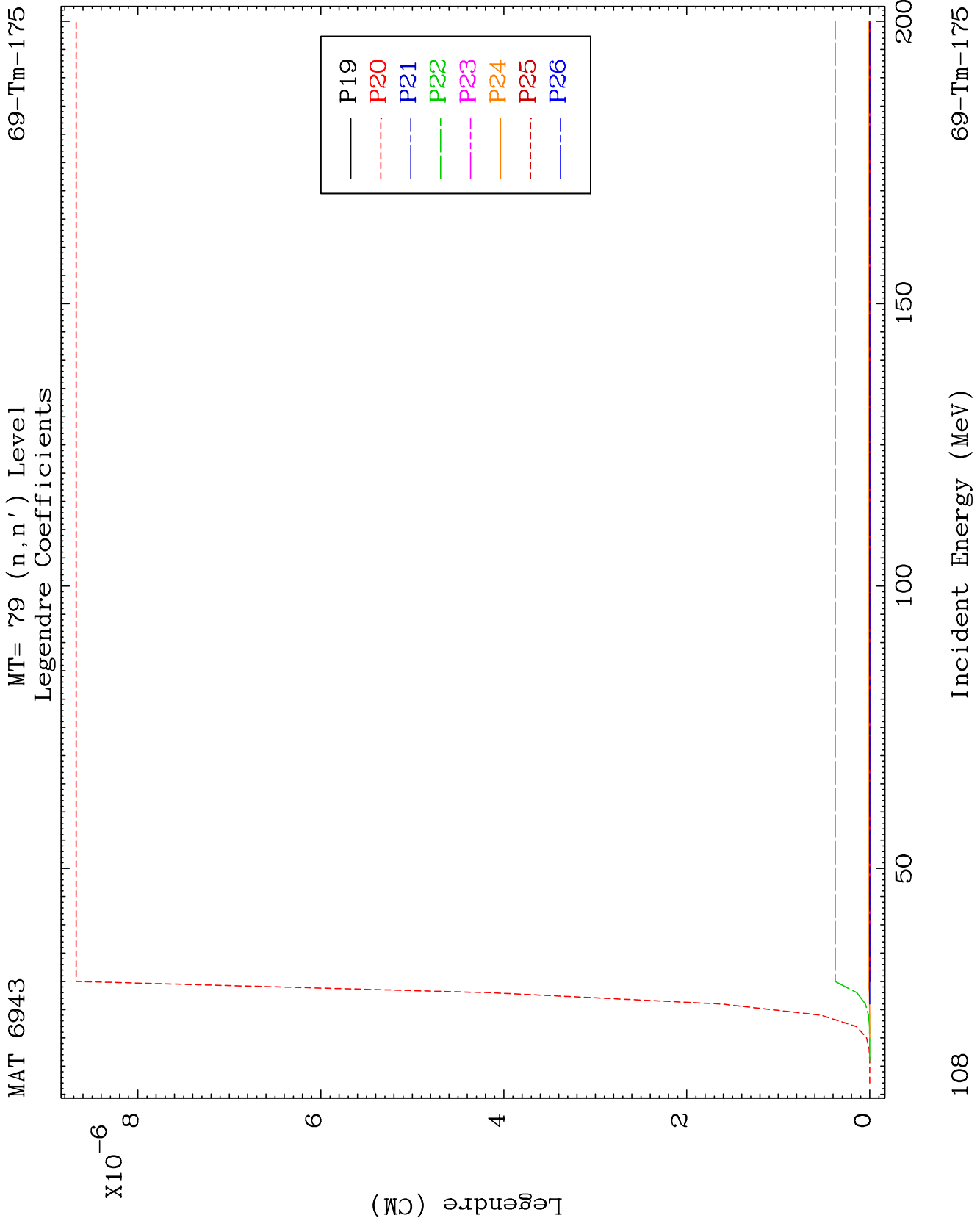
69-Tm-175

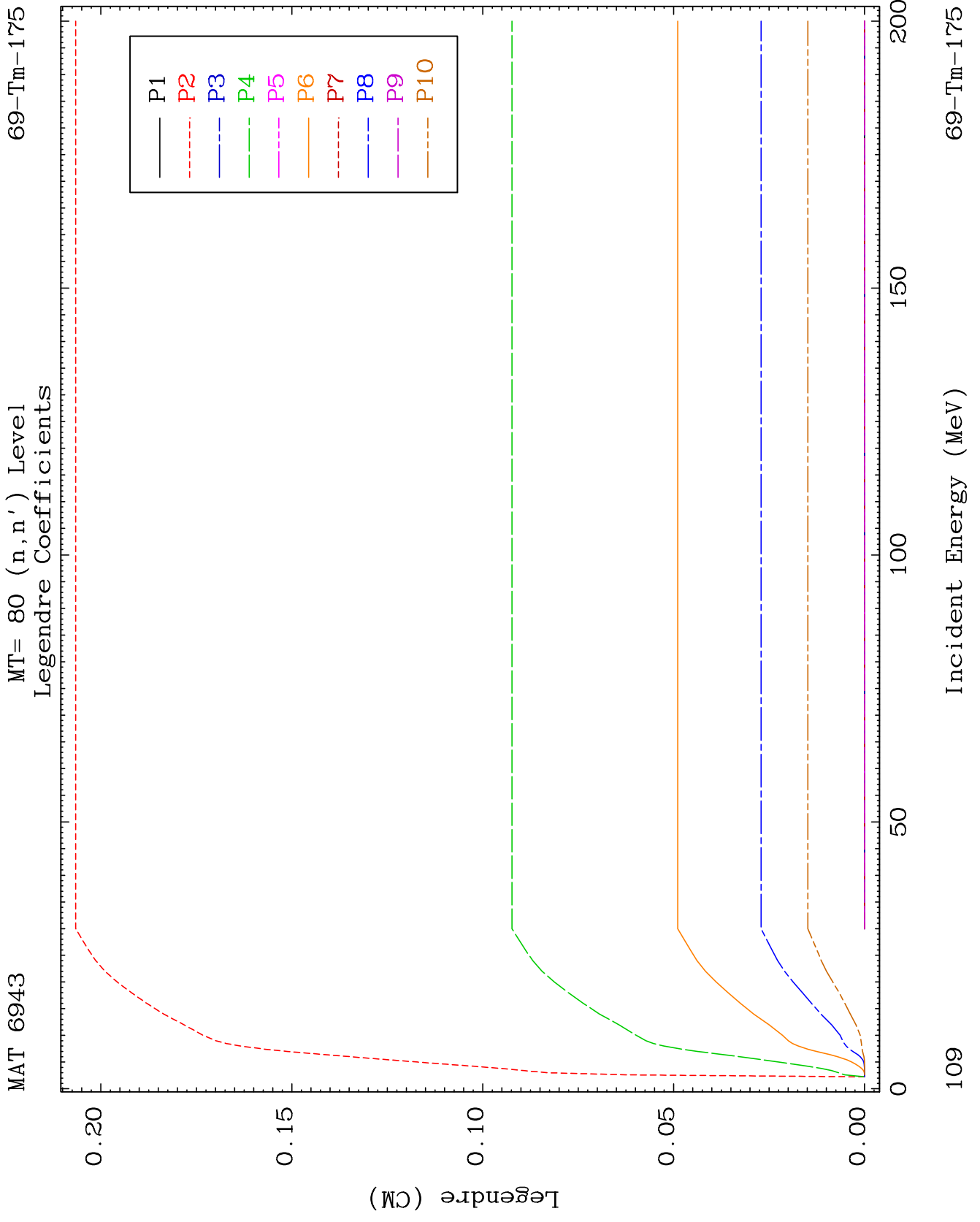


107

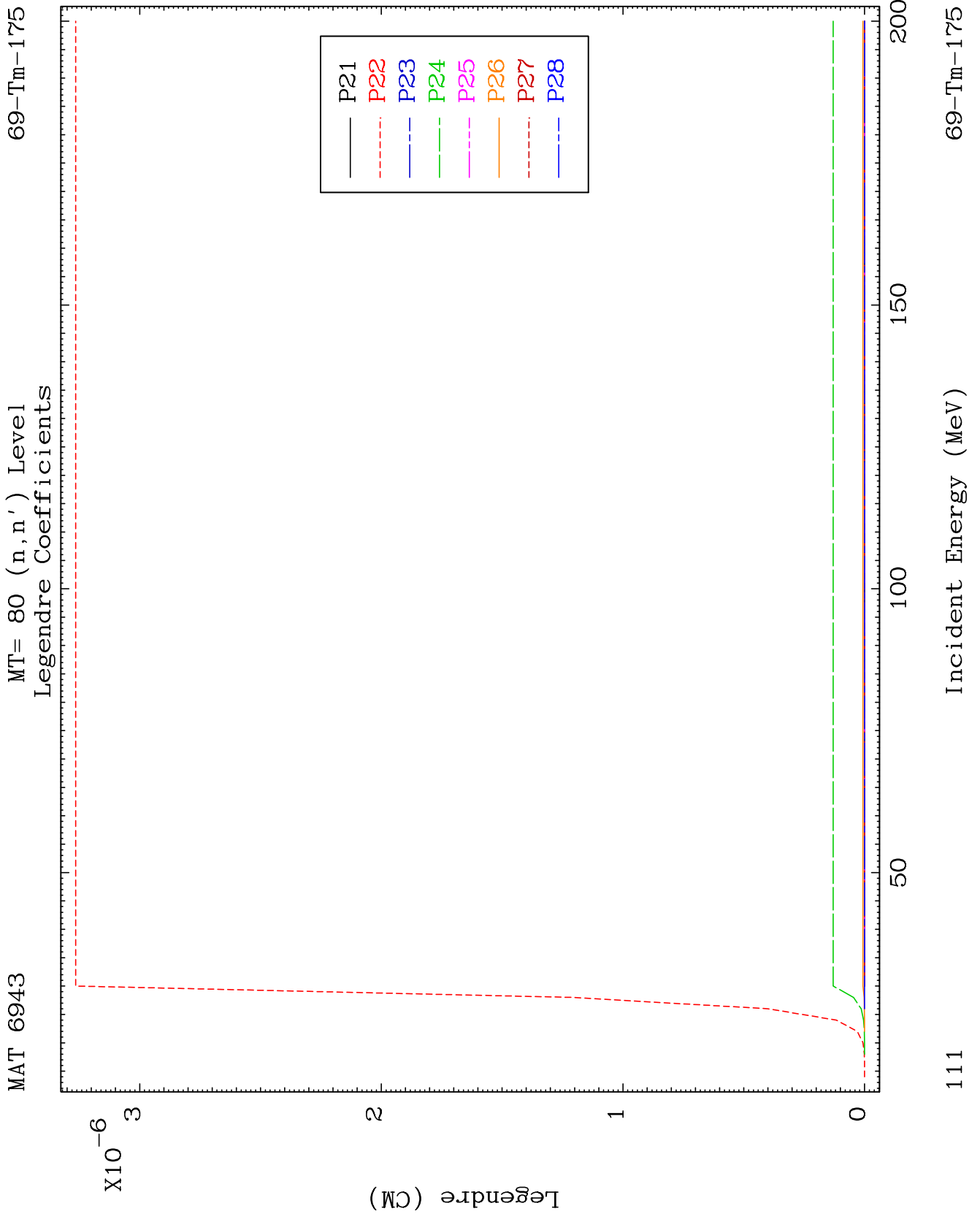
Incident Energy (MeV)

69-Tm-175









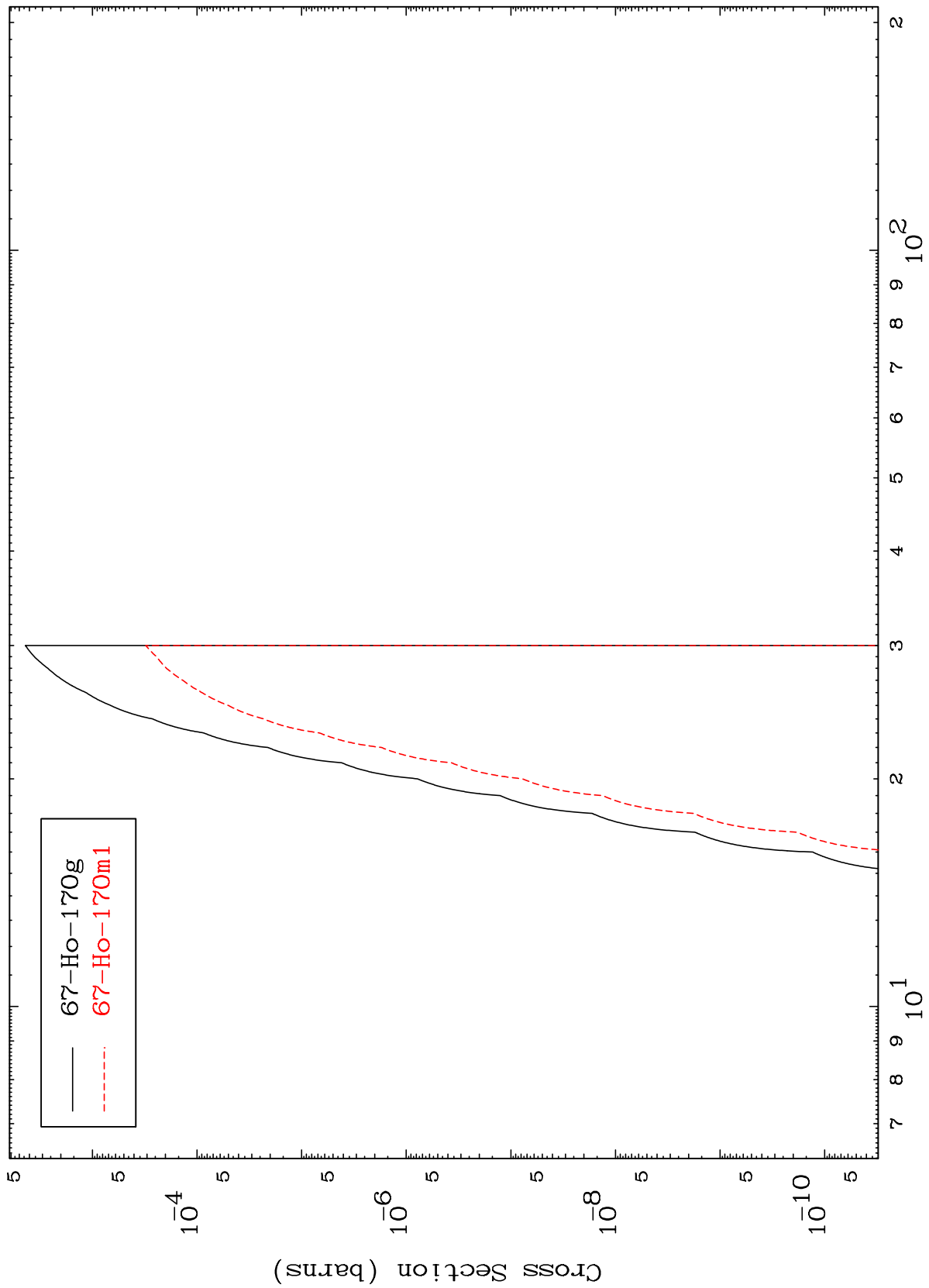


MAT 6943

$(n,2n) \alpha$

69-Tm-175

Radionuclide Production Cross Section



112

Incident Energy (MeV)

69-Tm-175