

Program EVALPLOT
(Version 2017-1)

by

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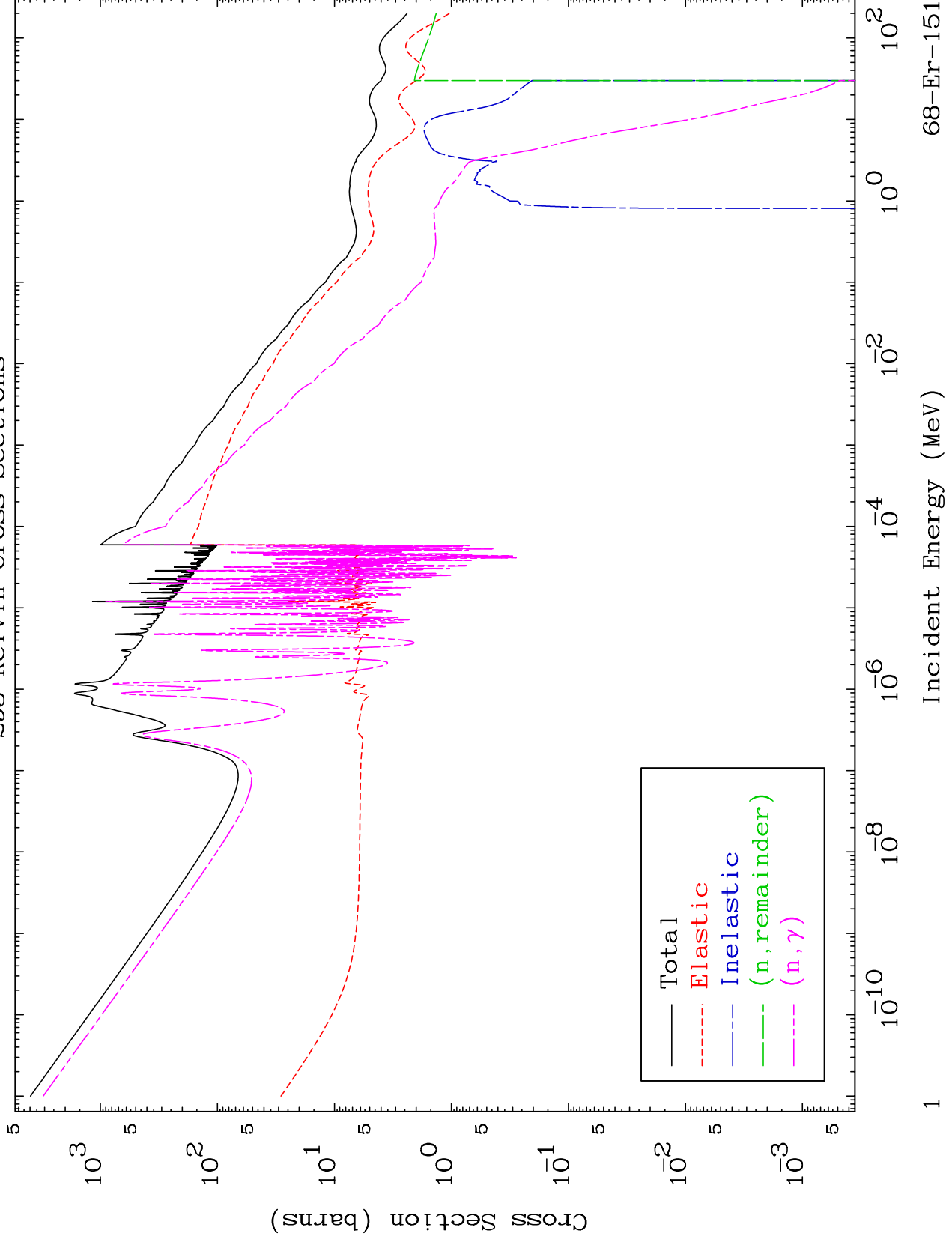
Press Mouse Button to Start

MAT 6792

Major

293 Kelvin Cross Sections

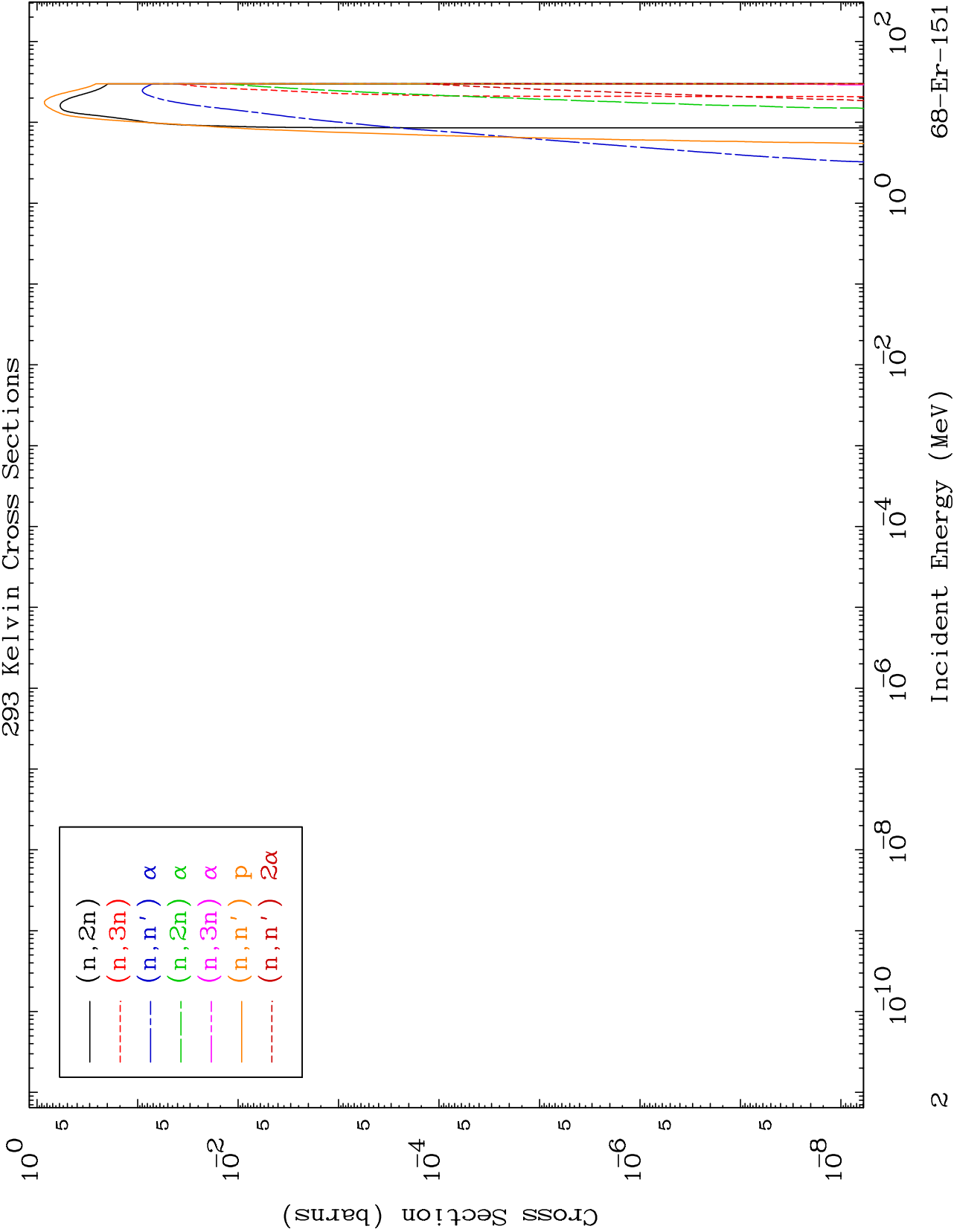
68-Er-151

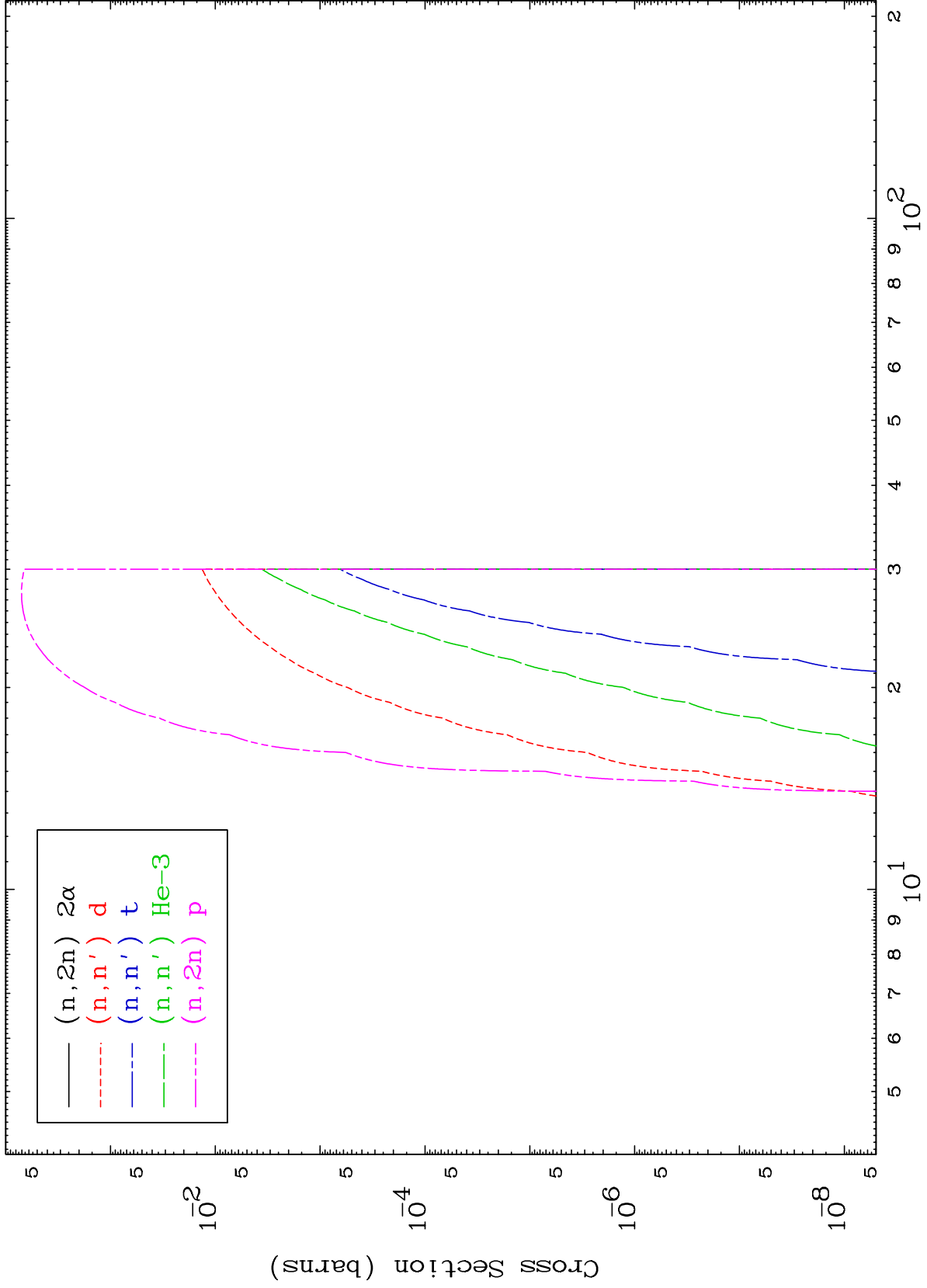


MAT 6792

Neutron Production
293 Kelvin Cross Sections

68-Er-151

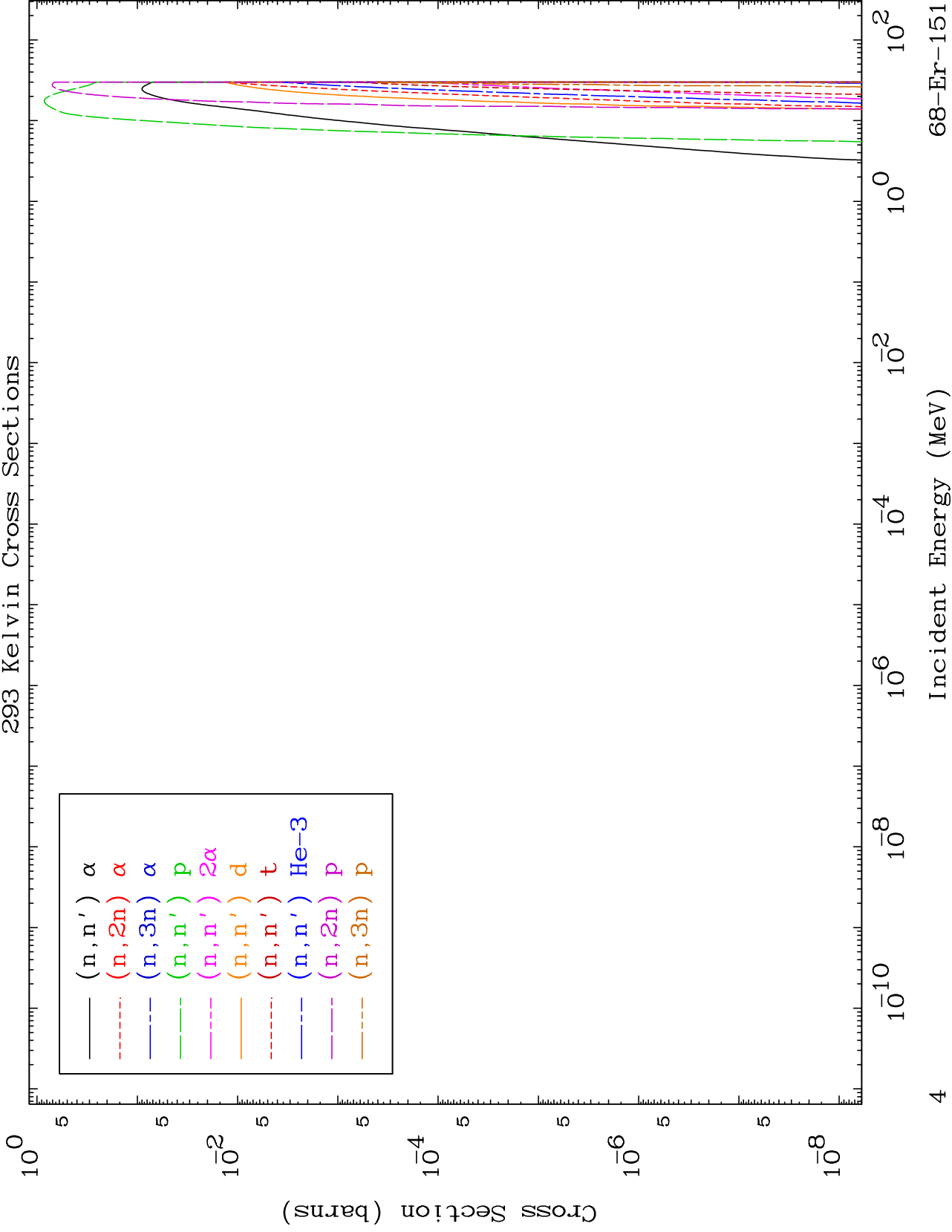


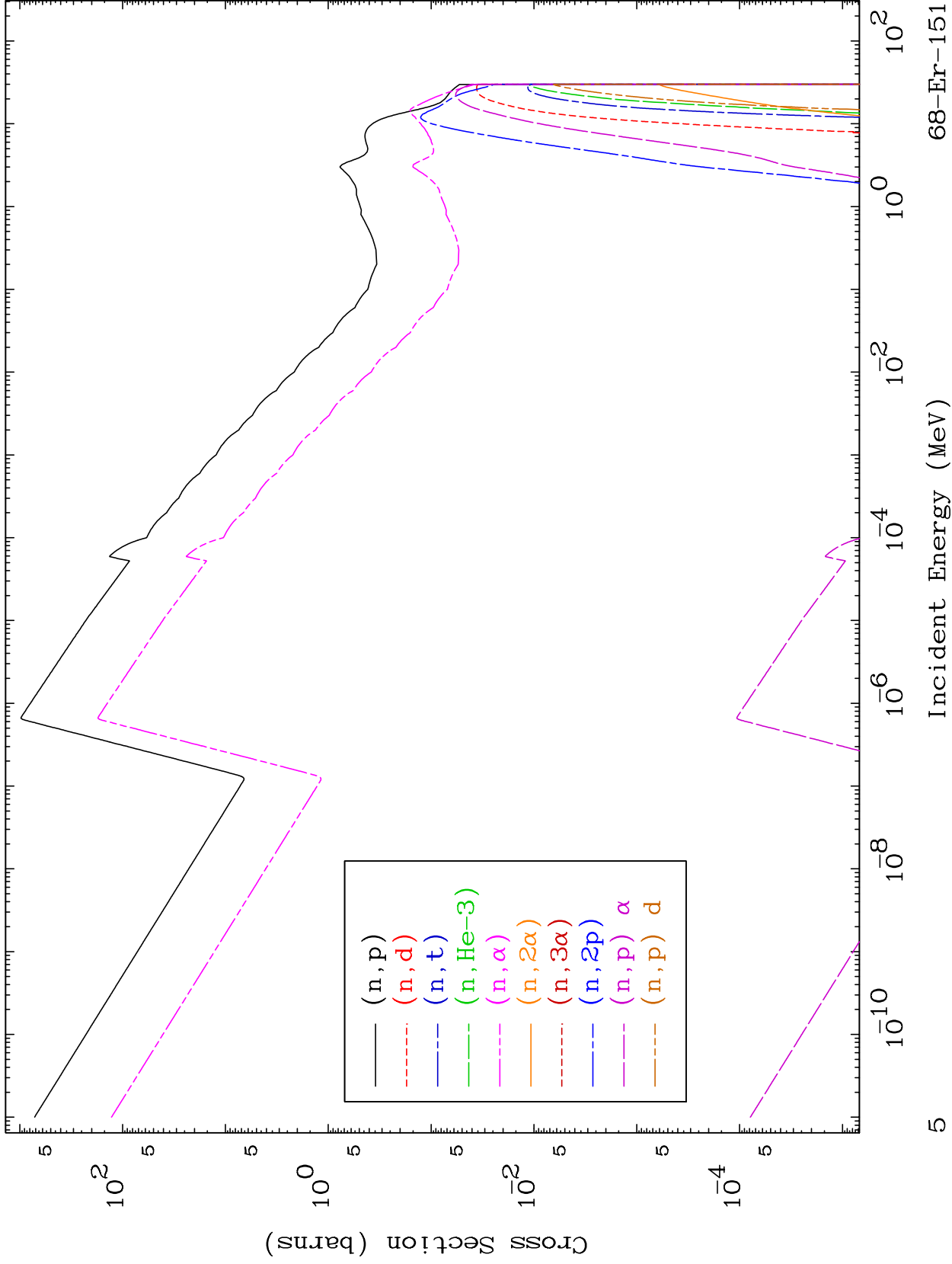


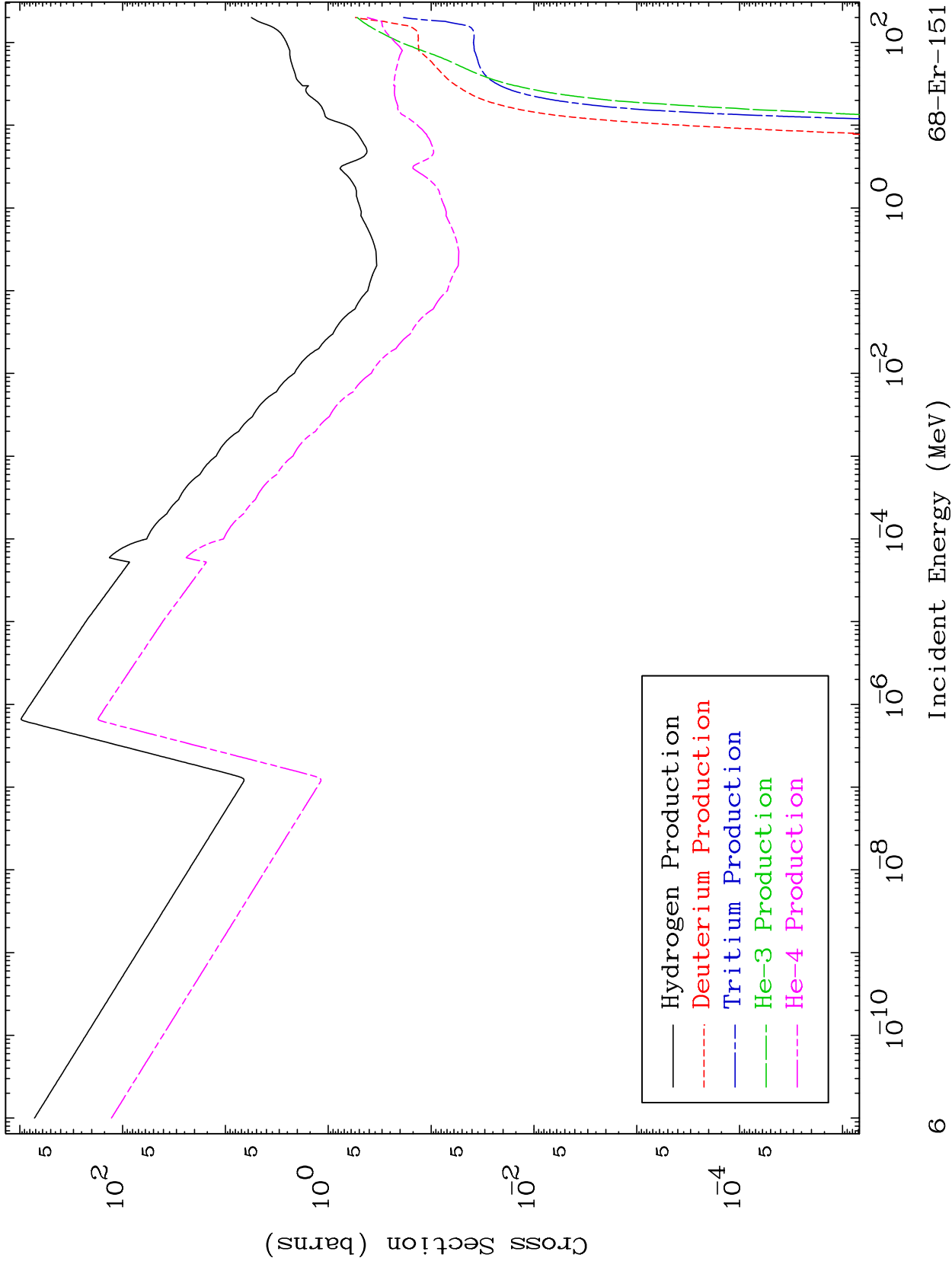
MAT 6792

Charged Particle
293 Kelvin Cross Sections

68-Er-151





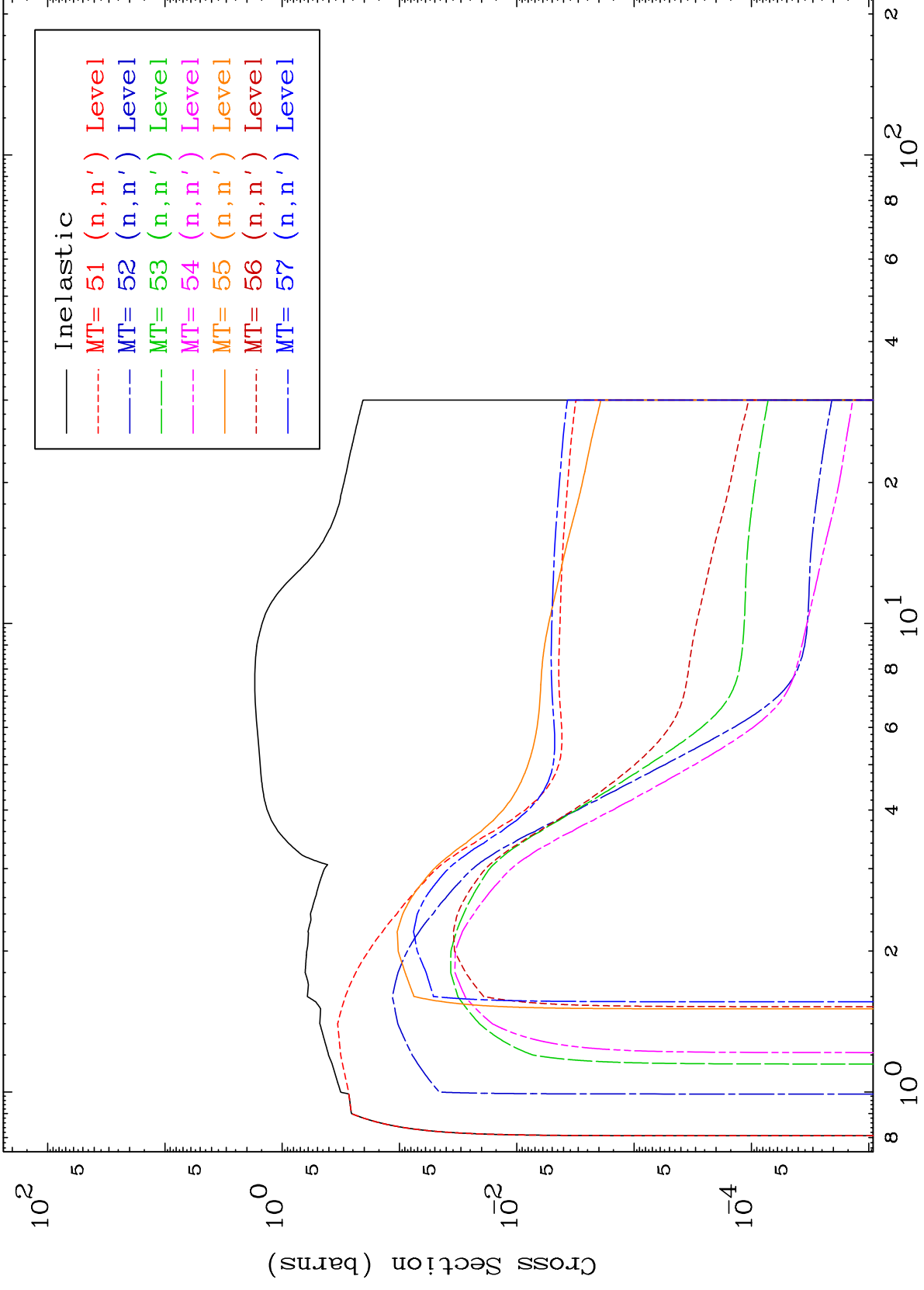


MAT 6792

(n,n') Level

68-Er-151

293 Kelvin Cross Sections



Incident Energy (MeV)

68-Er-151

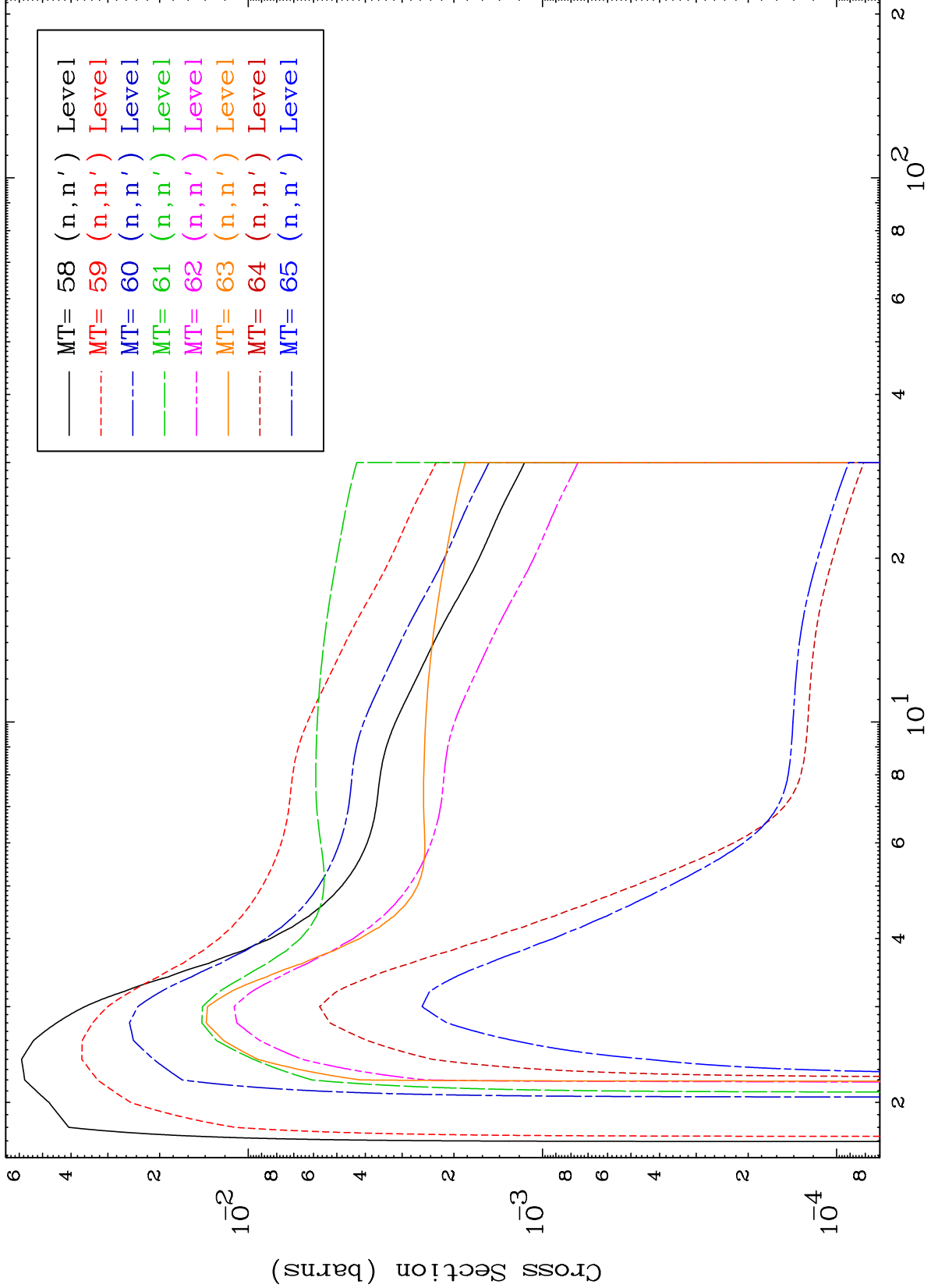
7

MAT 6792

(n,n') Level

293 Kelvin Cross Sections

68-Er-151

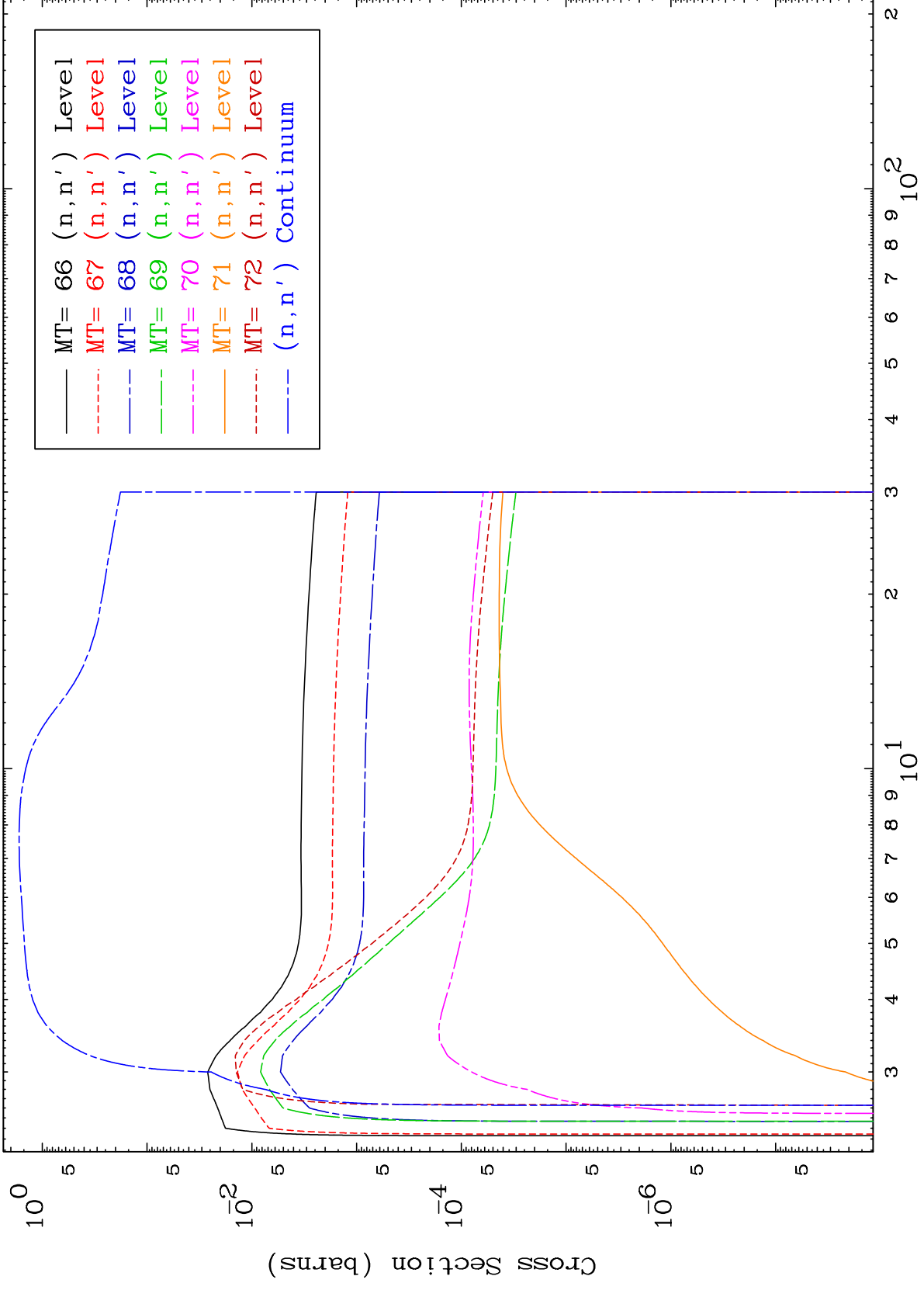


8

Incident Energy (MeV)

68-Er-151

293 Kelvin Cross Sections

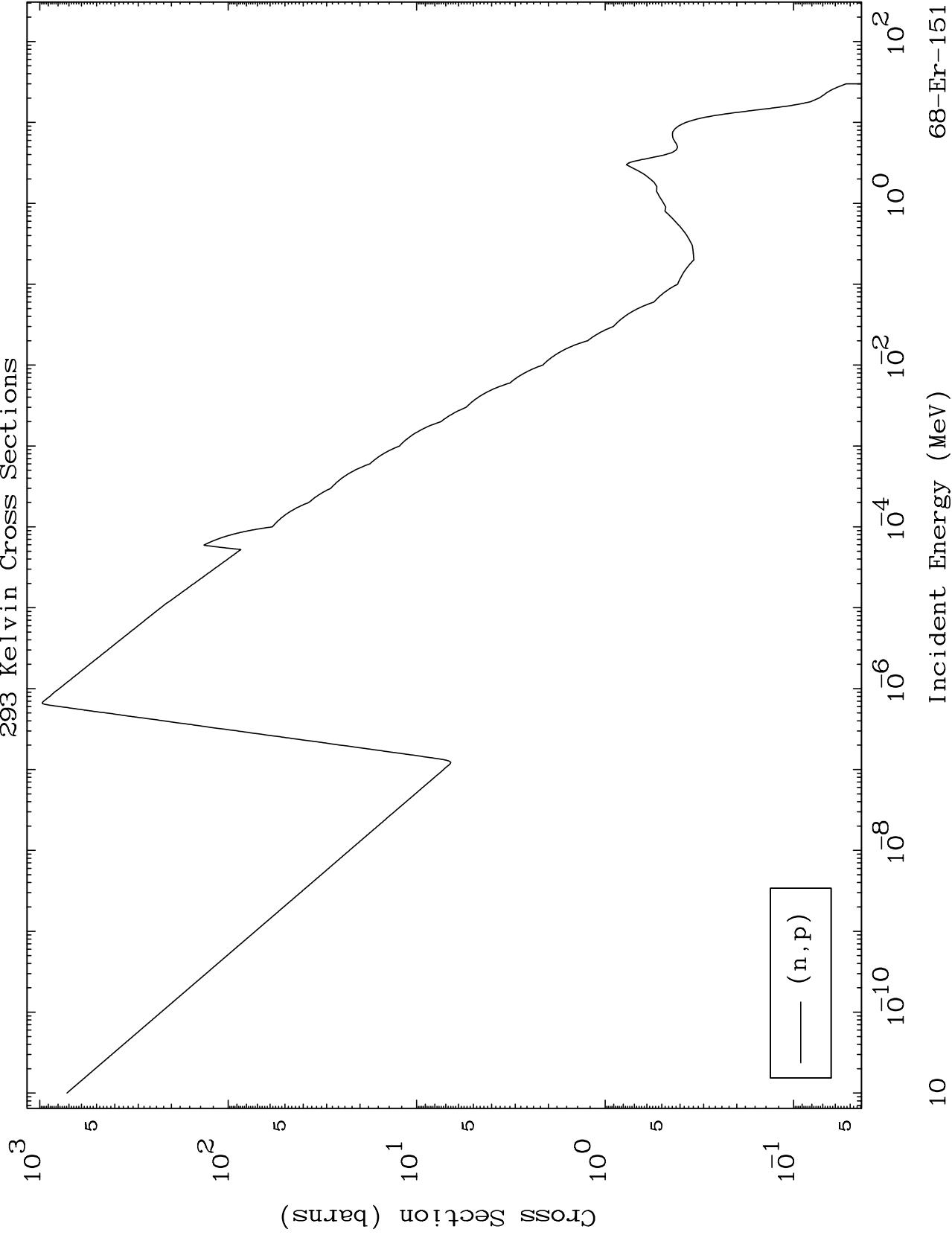


—	MT= 66	(n, n')	Level
- - -	MT= 67	(n, n')	Level
- · - ·	MT= 68	(n, n')	Level
- - -	MT= 69	(n, n')	Level
- · - ·	MT= 70	(n, n')	Level
—	MT= 71	(n, n')	Level
- - -	MT= 72	(n, n')	Level
- · - ·	(n, n')	Continuum	

MAT 6792

(n,p) Levels
293 Kelvin Cross Sections

68-Er-151



(n,p)

68-Er-151

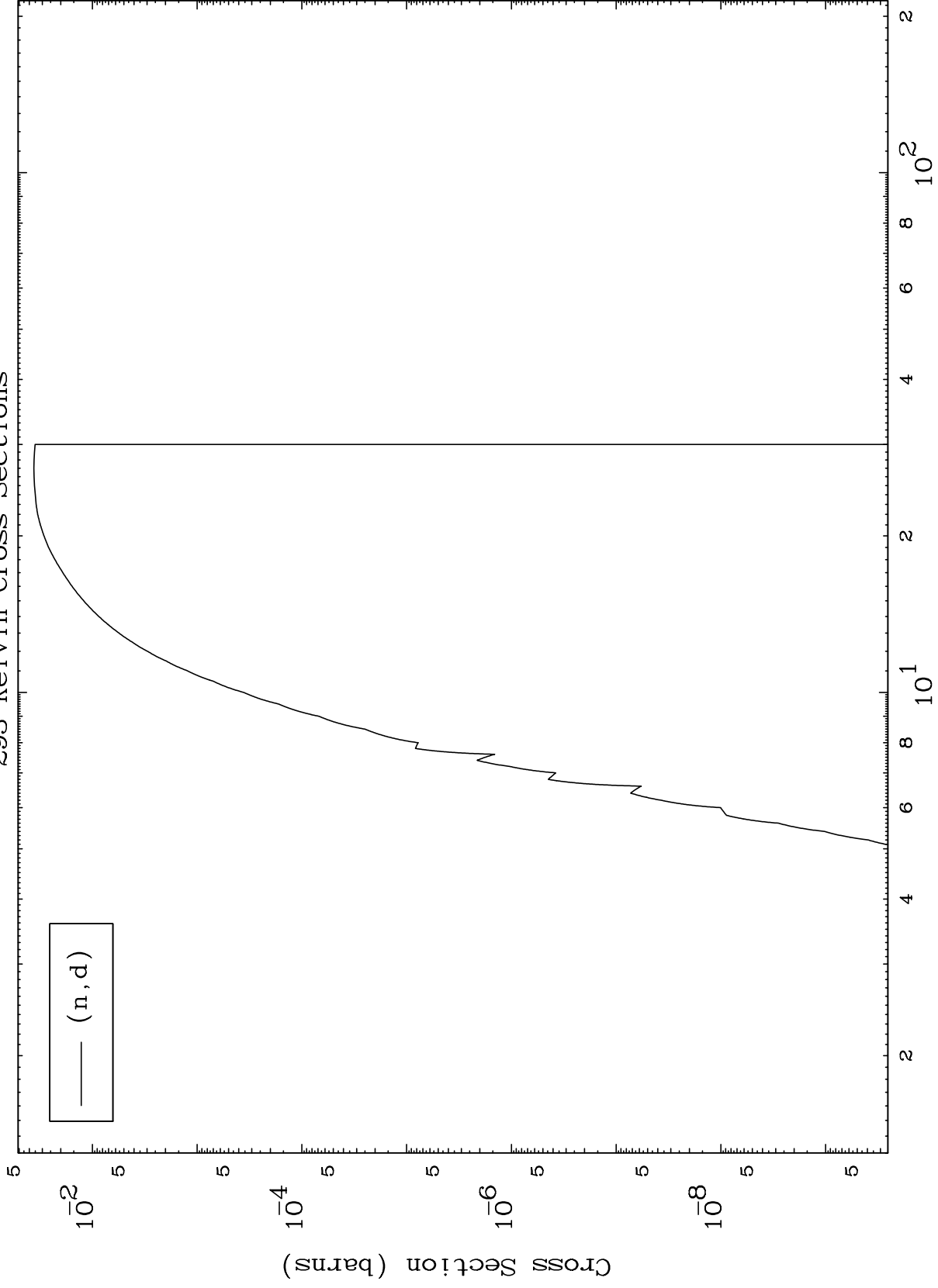
Incident Energy (MeV)

10

MAT 6792

(n,d) Levels
293 Kelvin Cross Sections

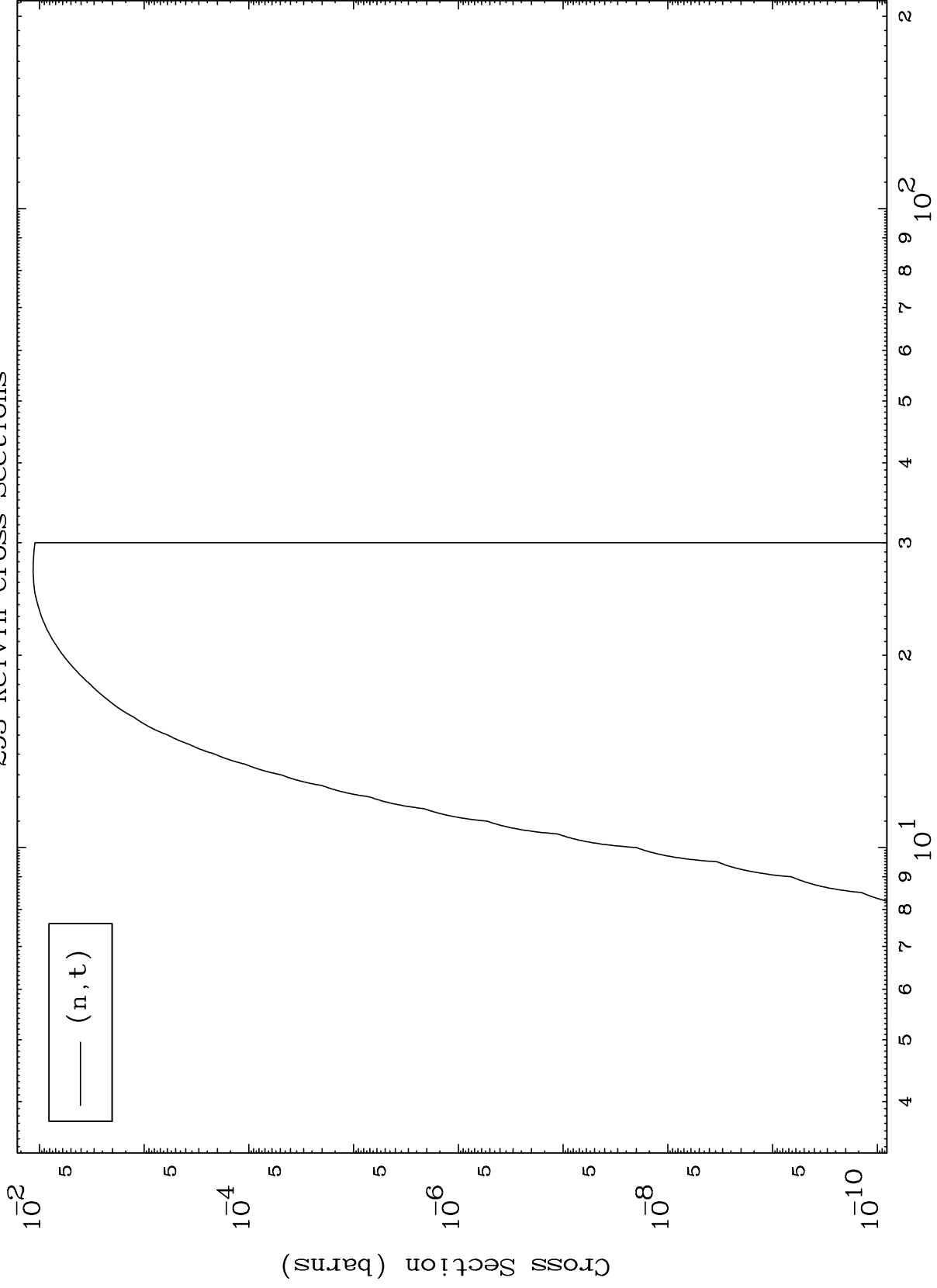
68-Er-151



MAT 6792

(n,t) Levels
293 Kelvin Cross Sections

68-Er-151



(n,t)

Incident Energy (MeV)

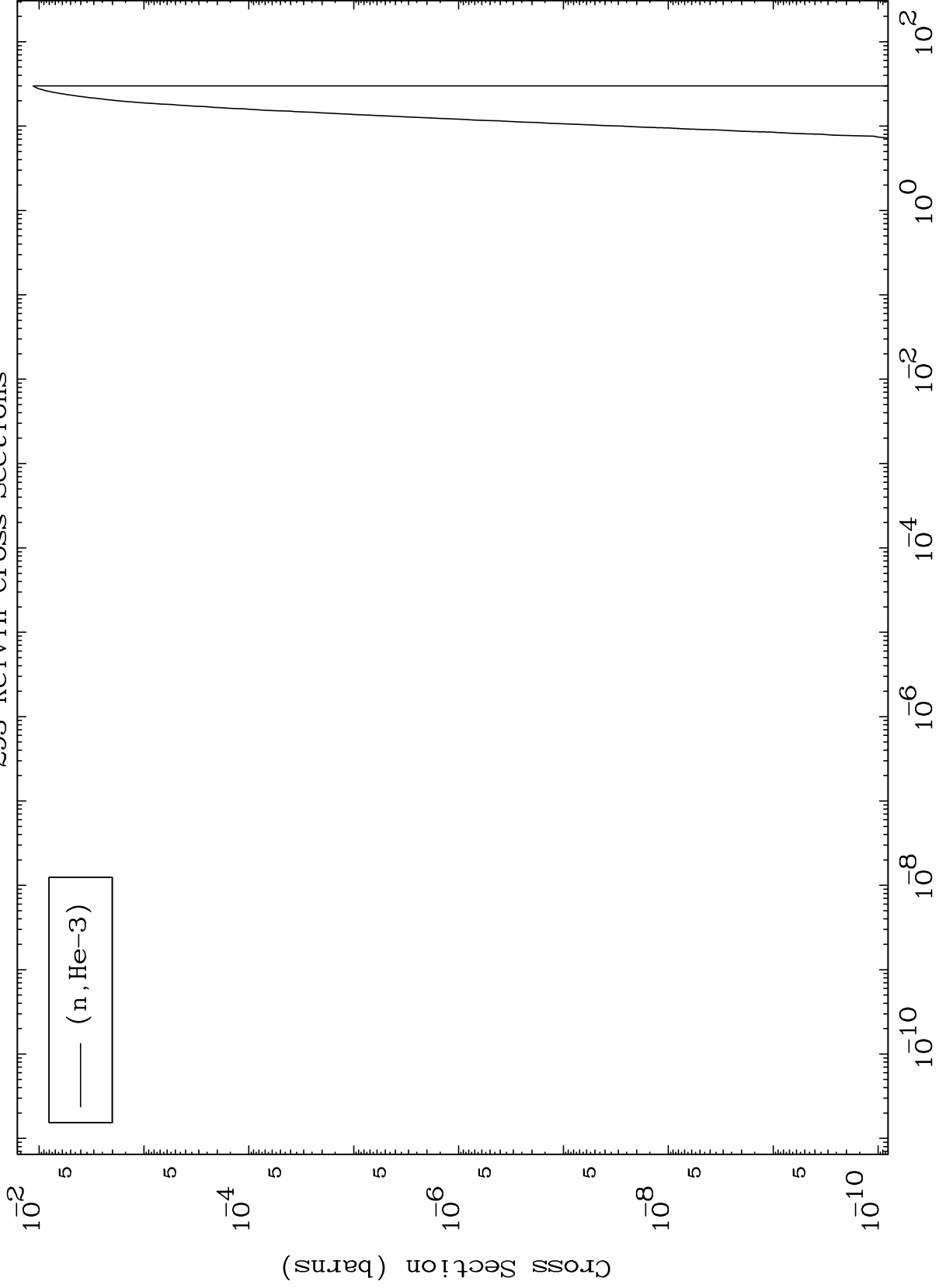
68-Er-151

12

MAT 6792

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-151

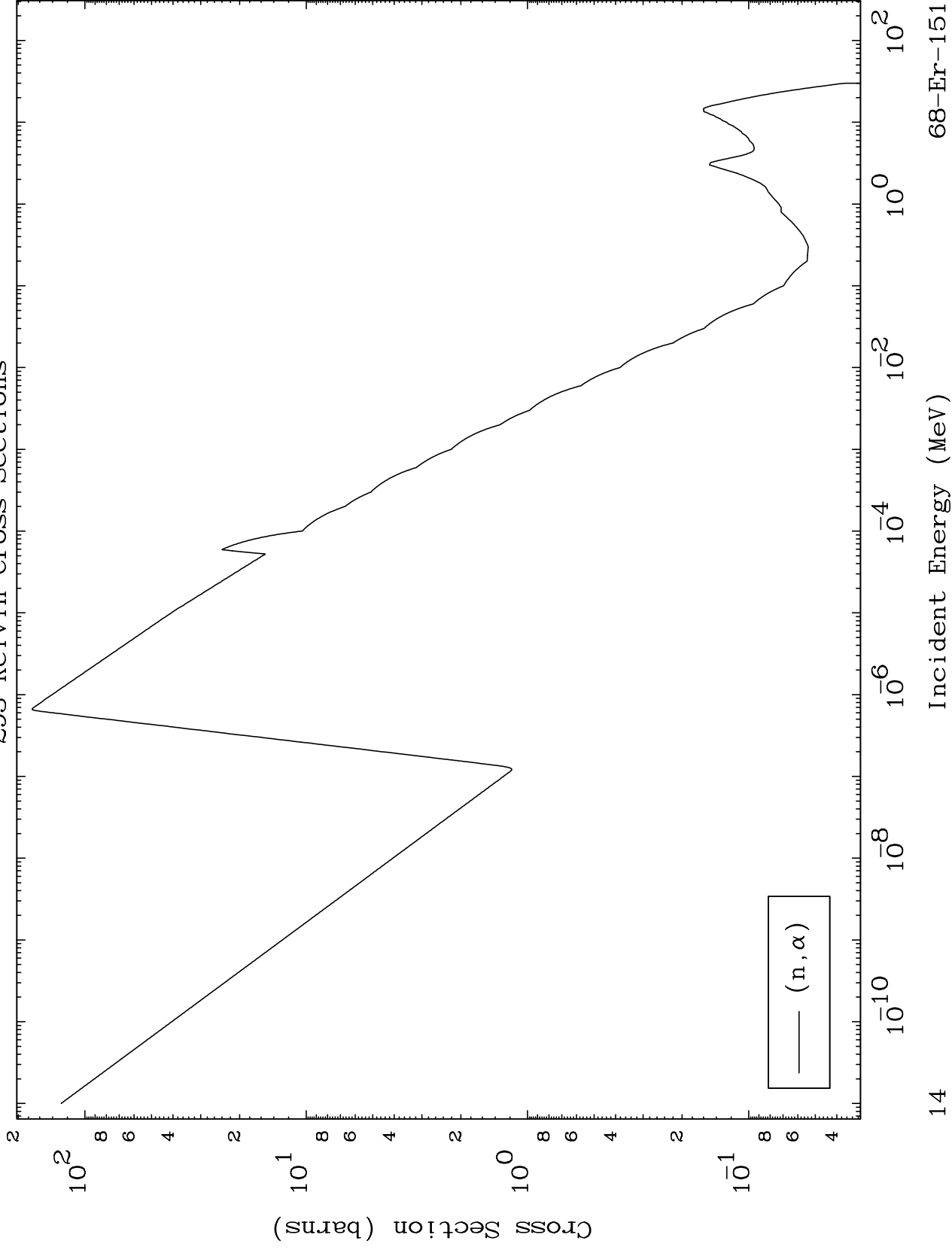


(n, He-3)

MAT 6792

(n, α) Levels
293 Kelvin Cross Sections

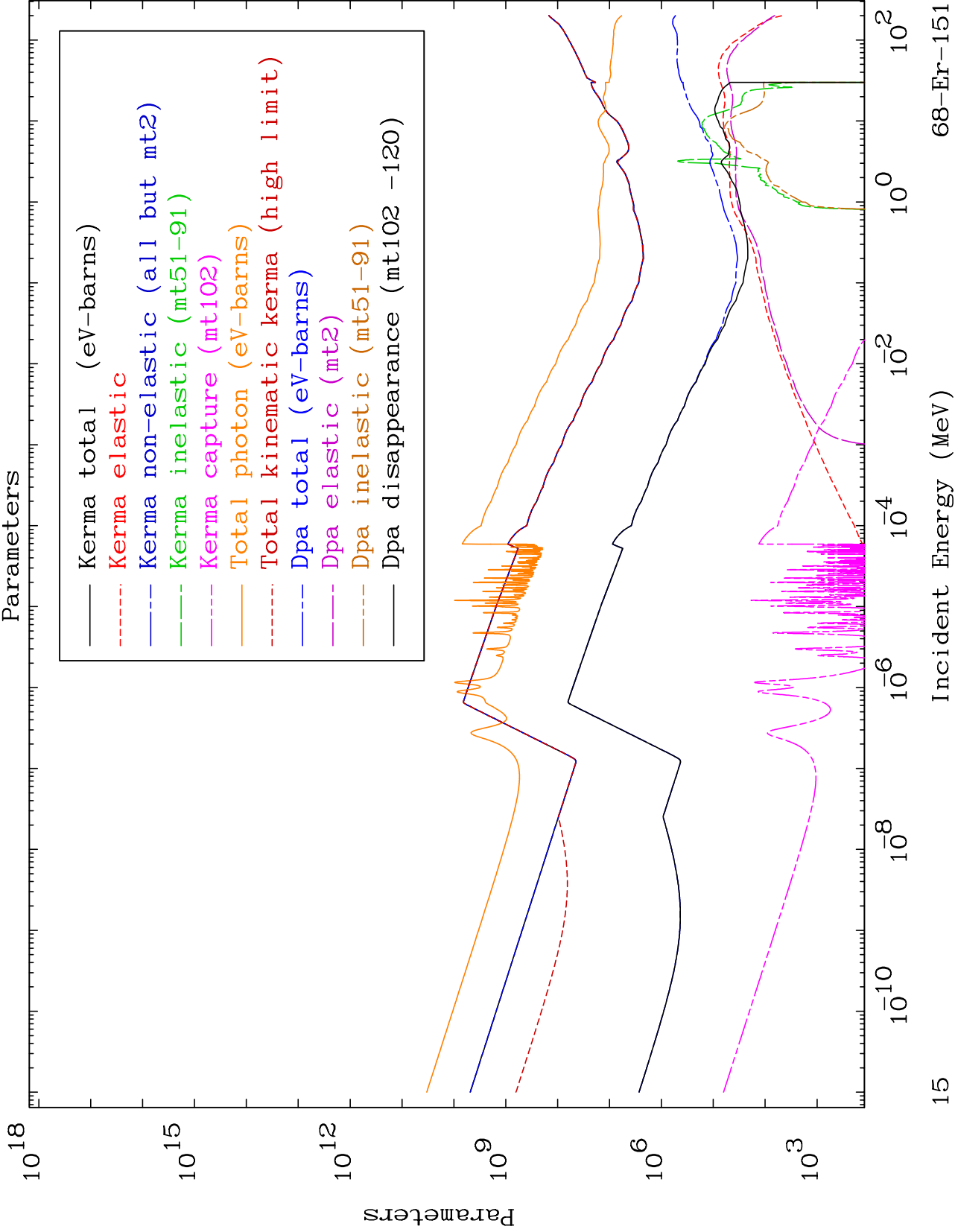
68-Er-151



14

Incident Energy (MeV)

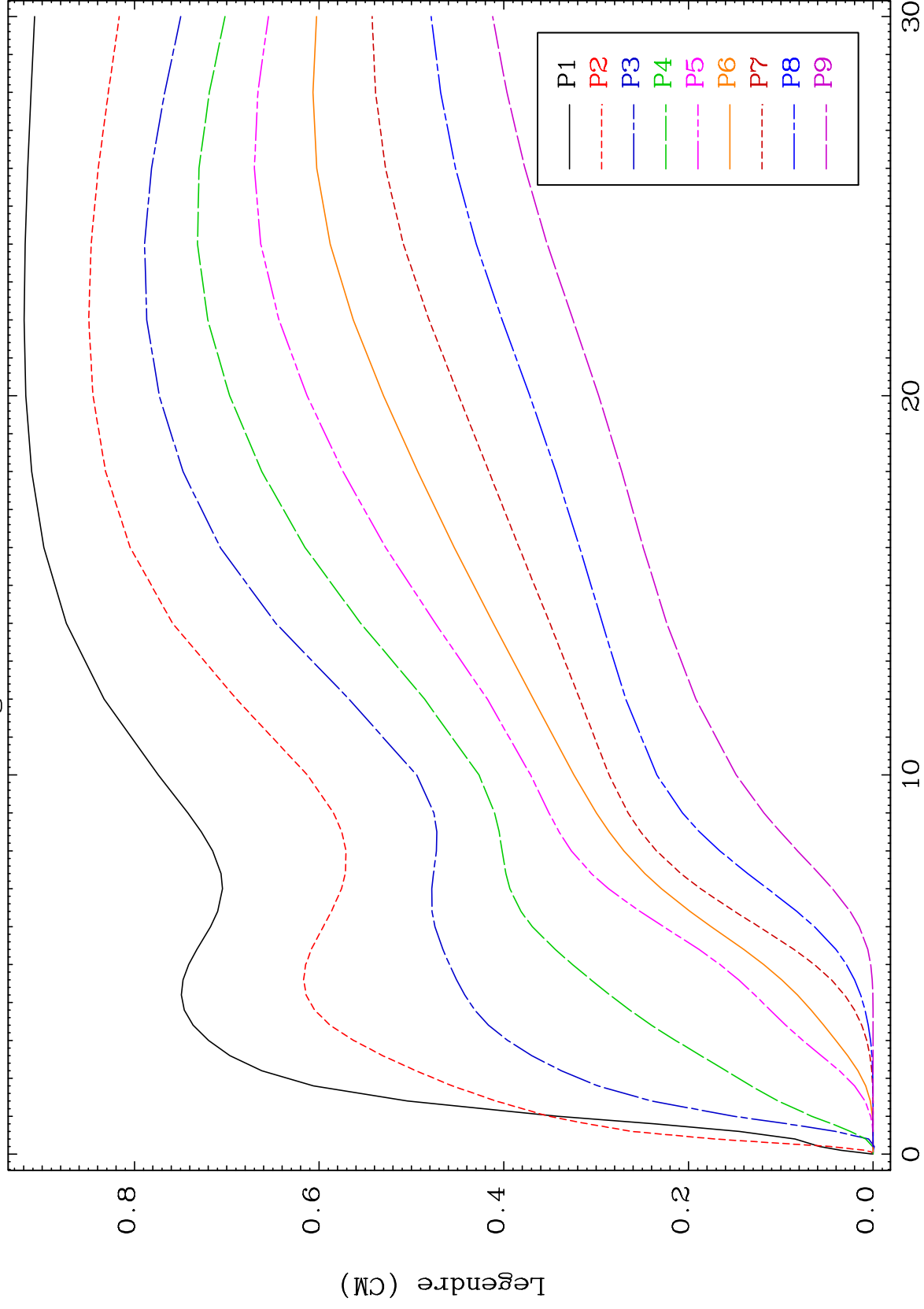
68-Er-151



MAT 6792

Elastic Legendre Coefficients

68-Er-151



16

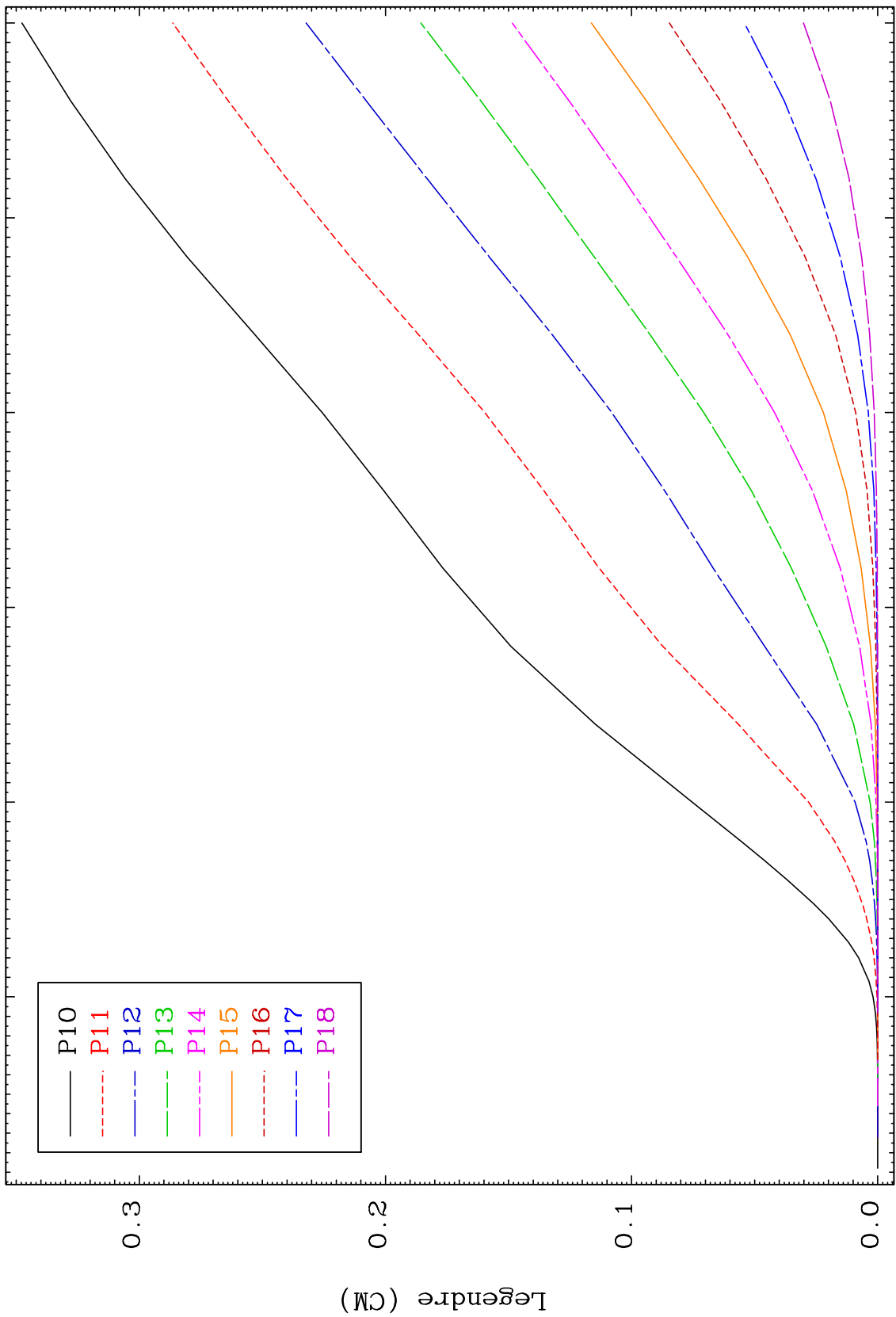
Incident Energy (MeV)

68-Er-151

MAT 6792

Elastic
Legendre Coefficients

68-Er-151



17

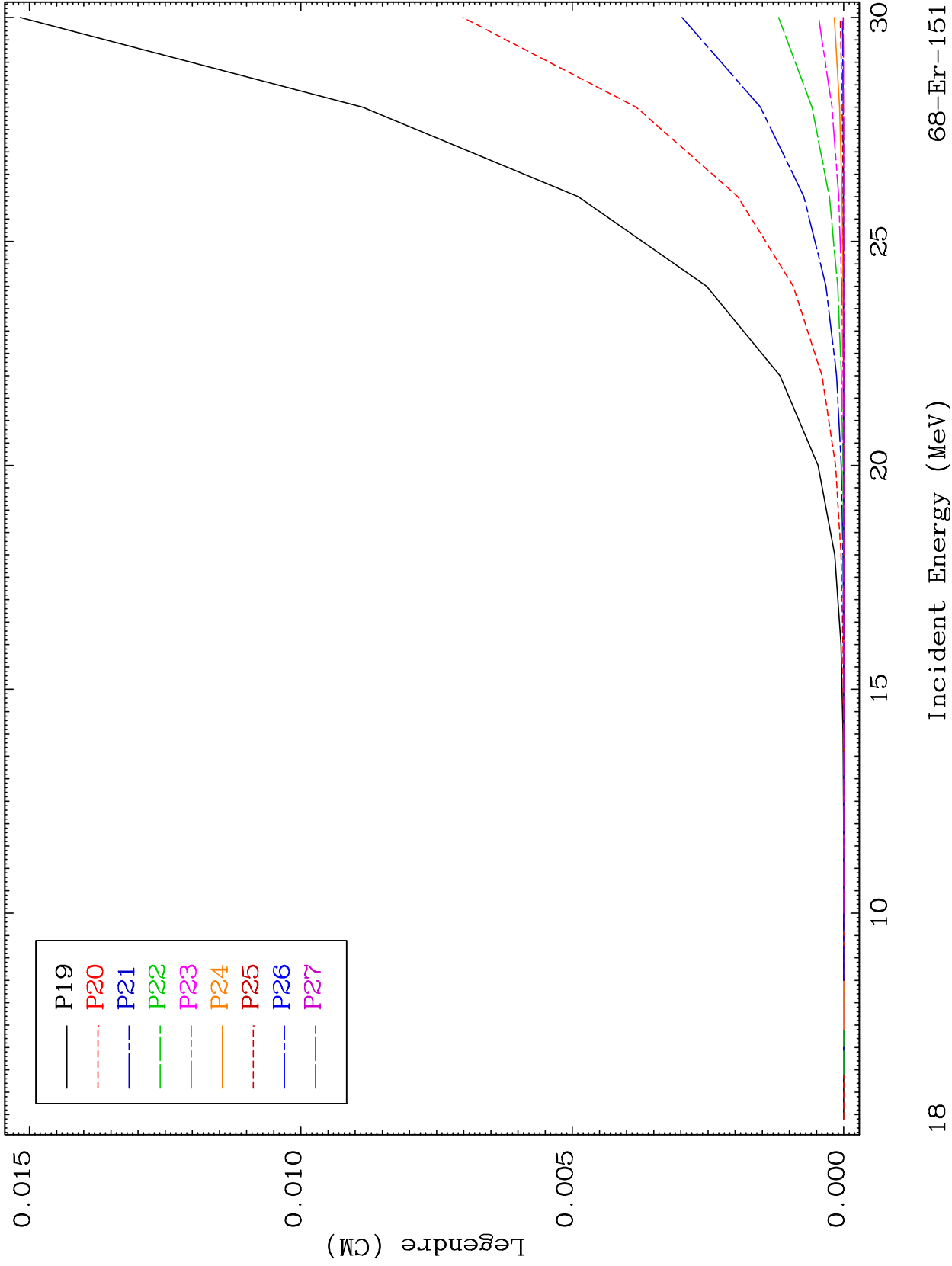
Incident Energy (MeV)

68-Er-151

MAT 6792

Elastic Legendre Coefficients

68-Er-151



18

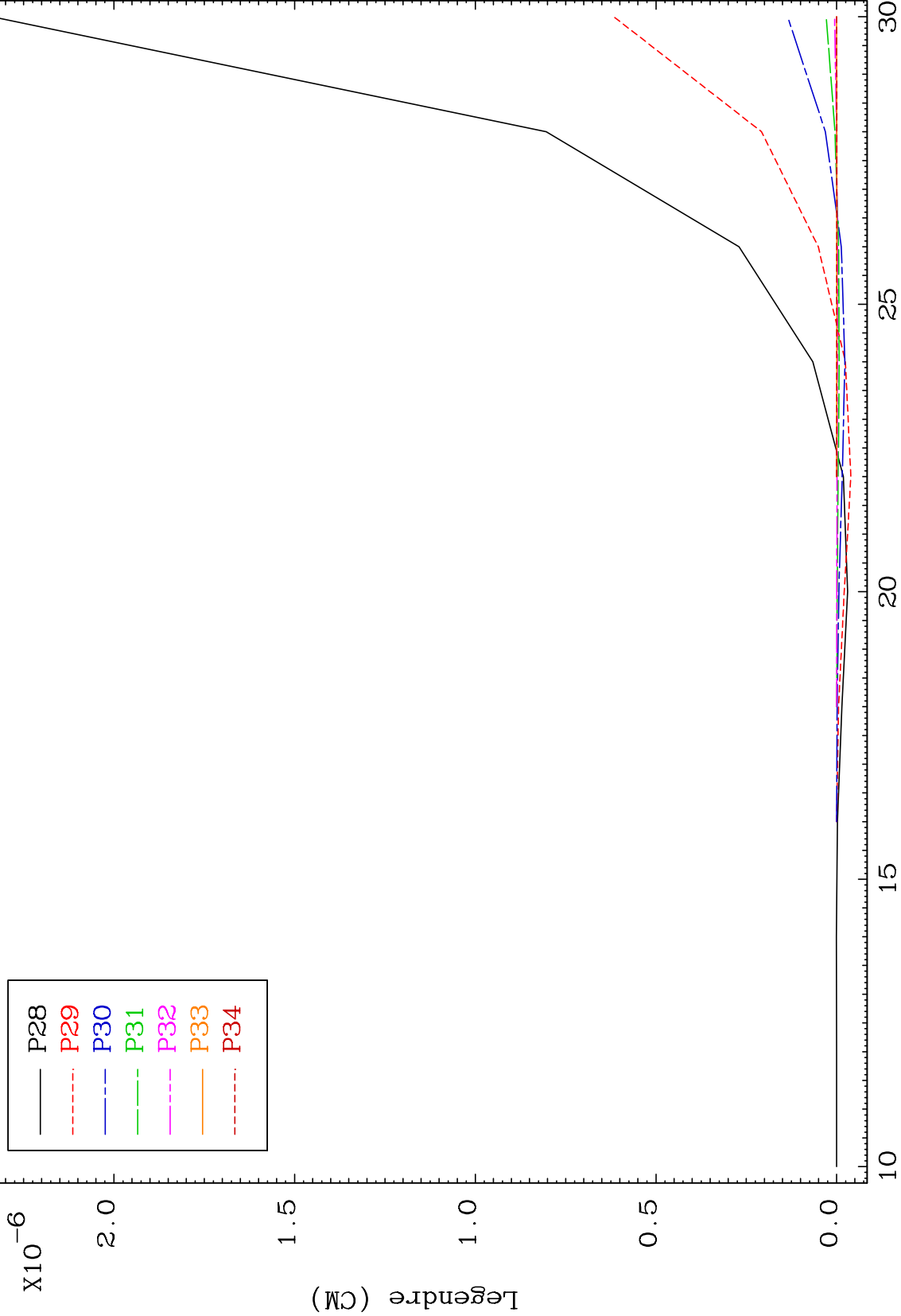
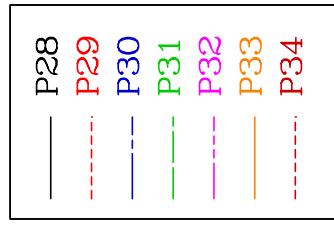
Incident Energy (MeV)

68-Er-151

MAT 6792

Elastic Legendre Coefficients

68-Er-151



19

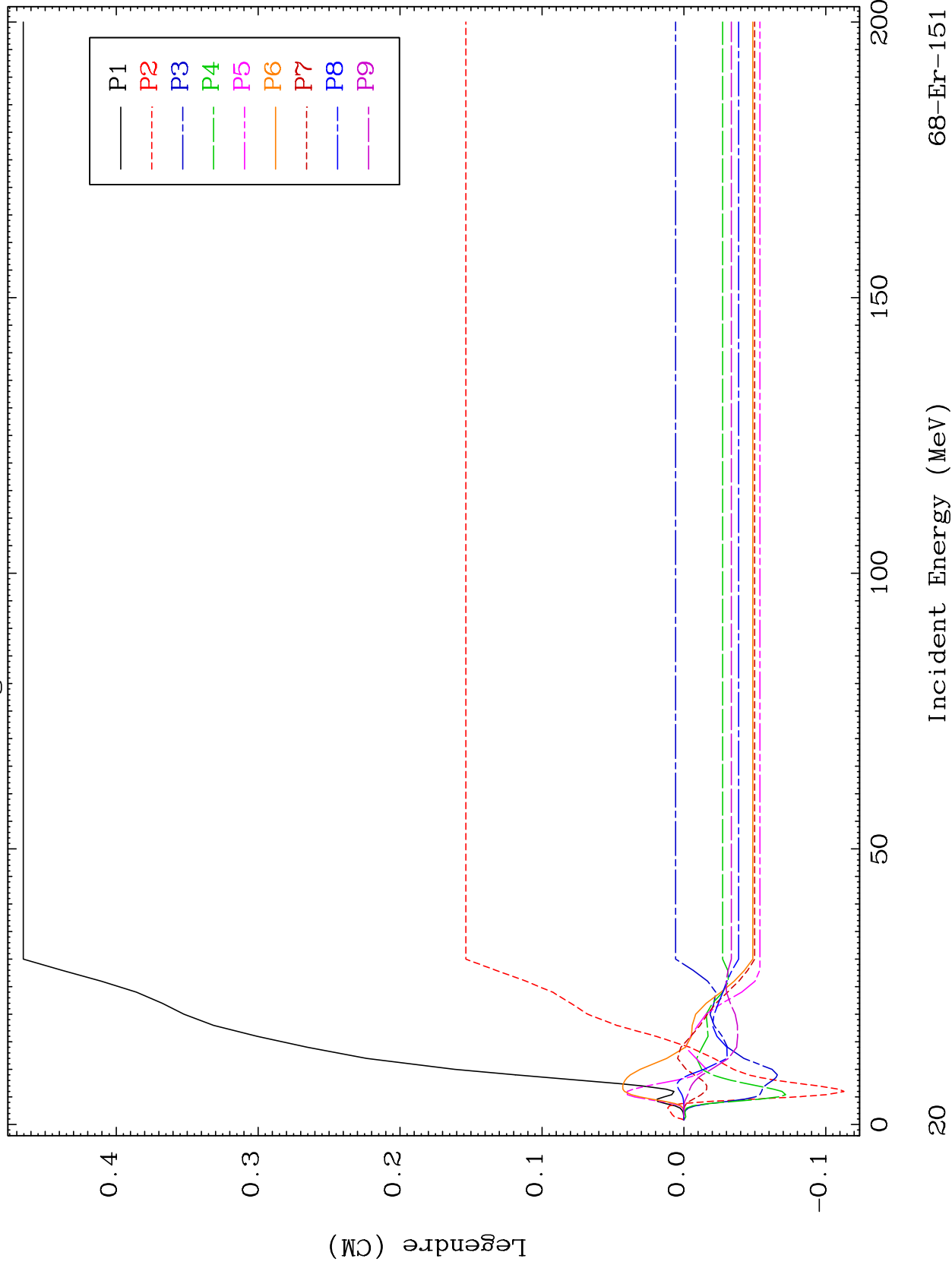
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

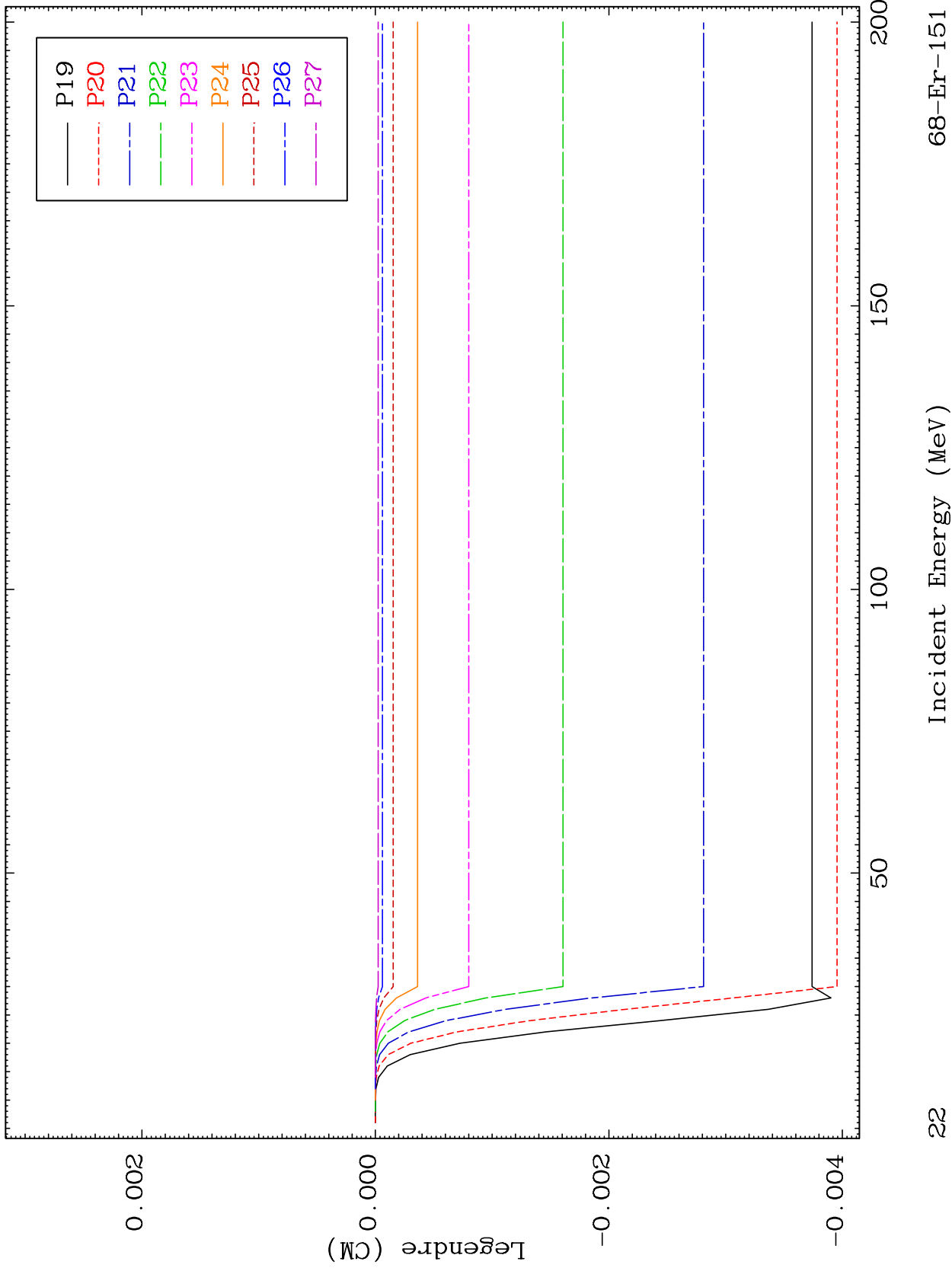
Incident Energy (MeV)

20

MAT 6792

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

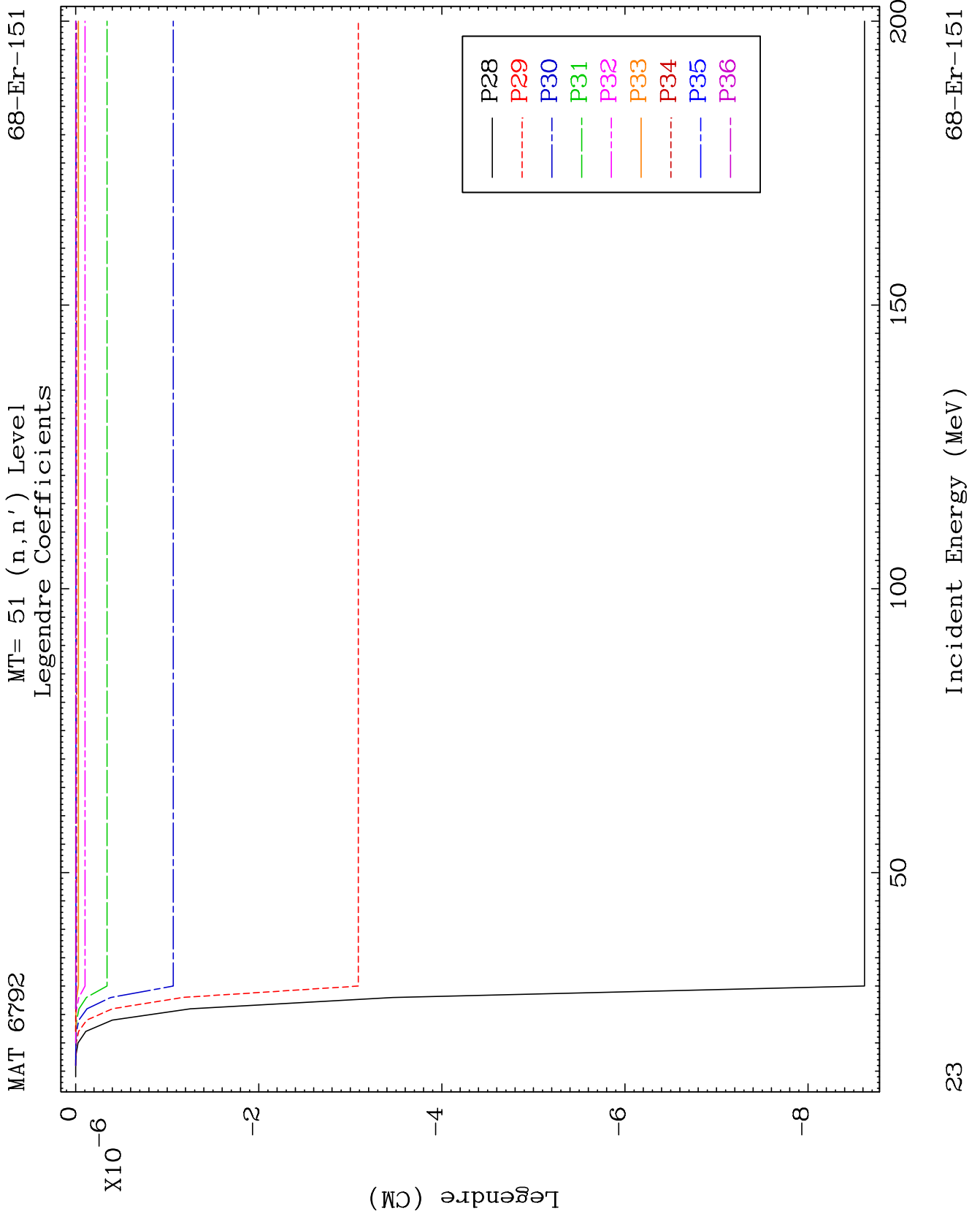
68-Er-151



22

Incident Energy (MeV)

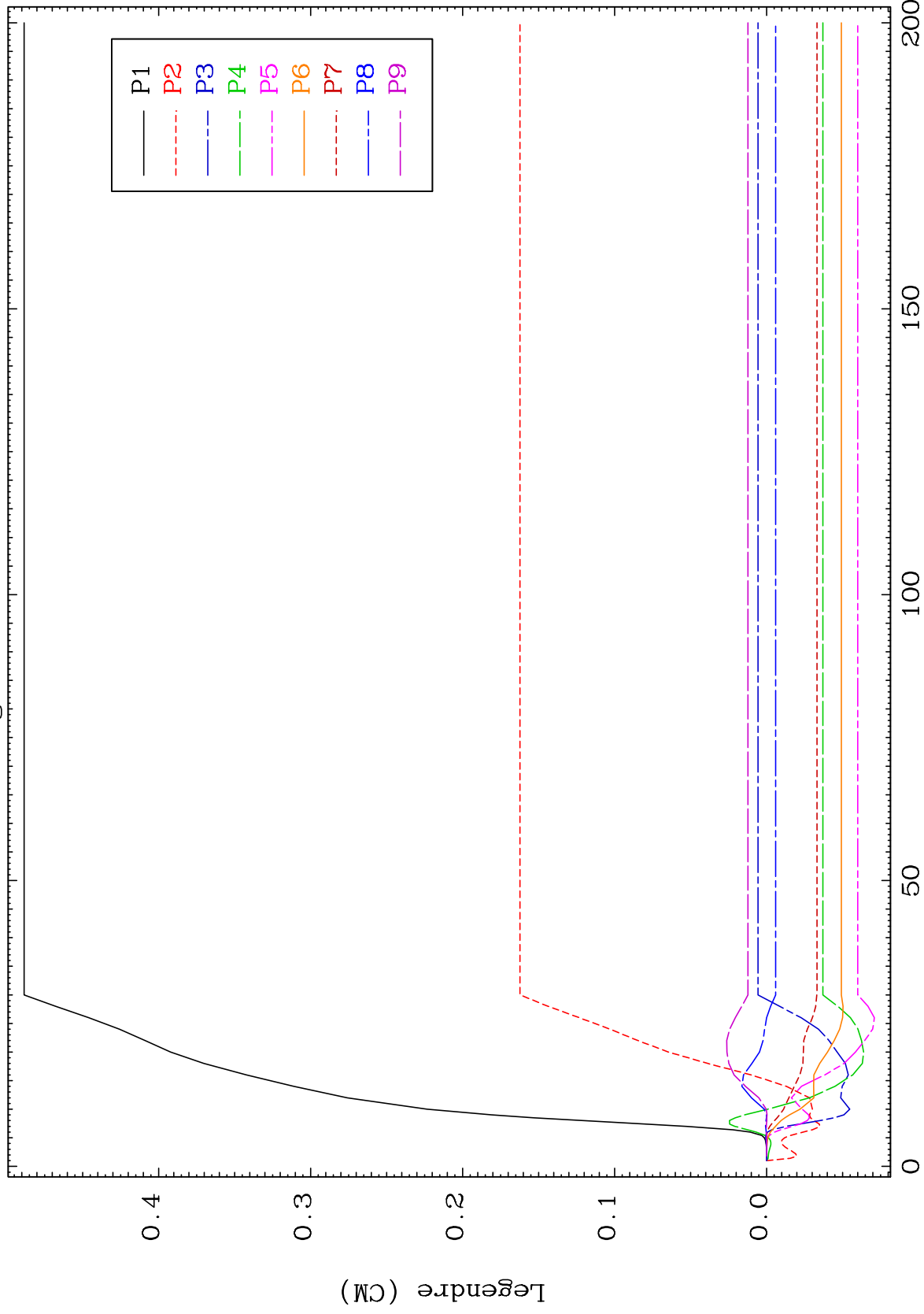
68-Er-151



MAT 6792

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

68-Er-151



24

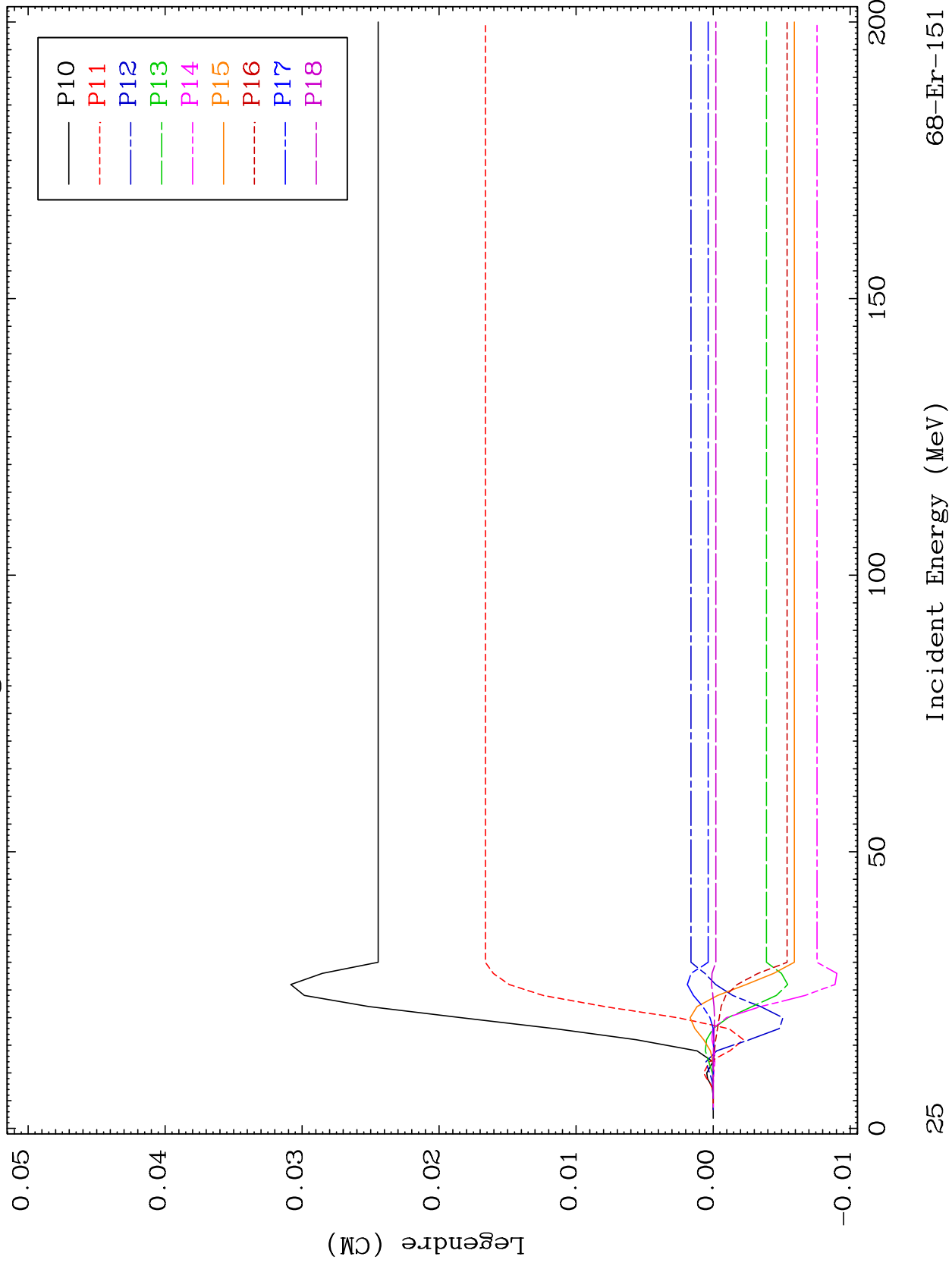
Incident Energy (MeV)

68-Er-151

MAT 6792

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

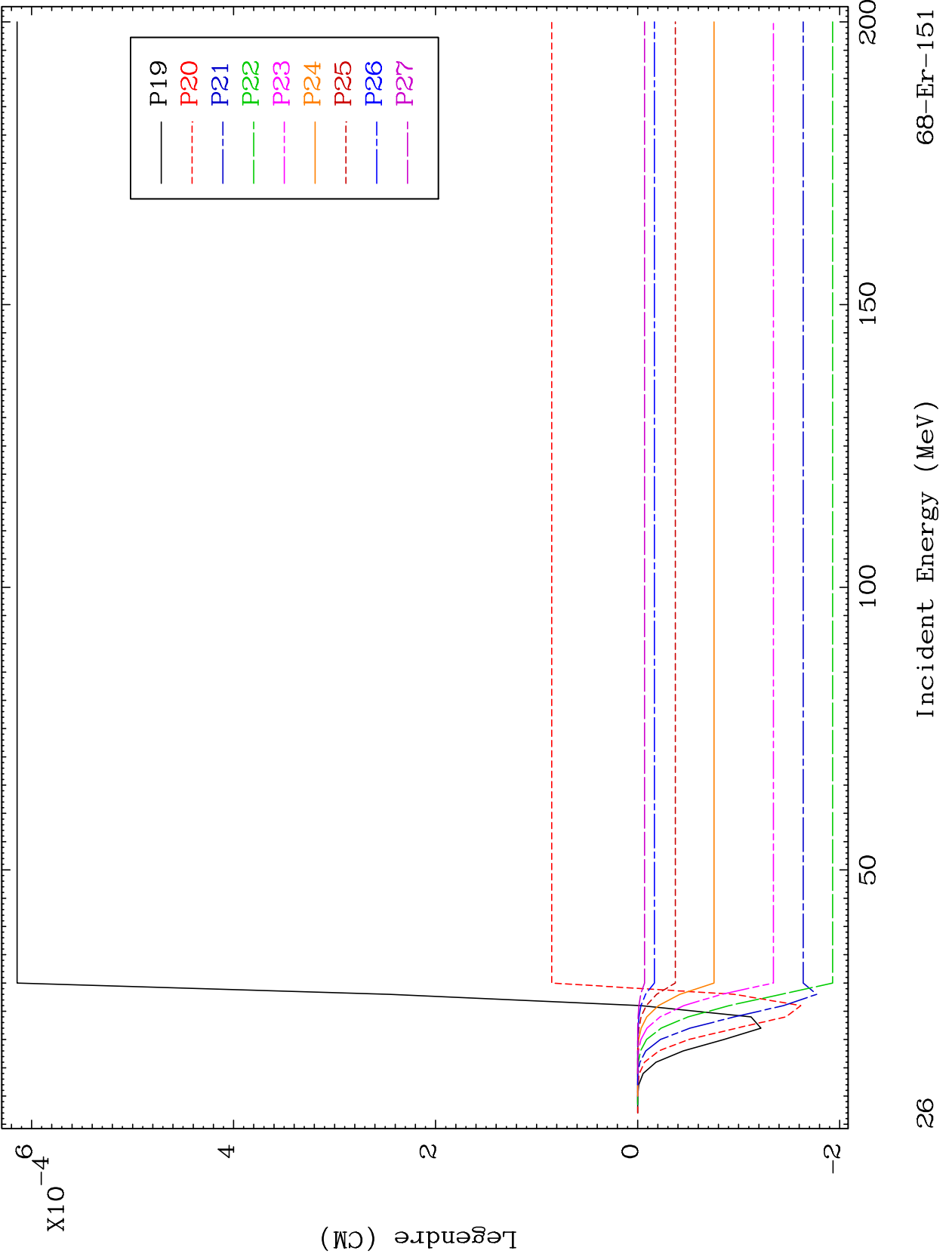
68-Er-151



68-Er-151

Incident Energy (MeV)

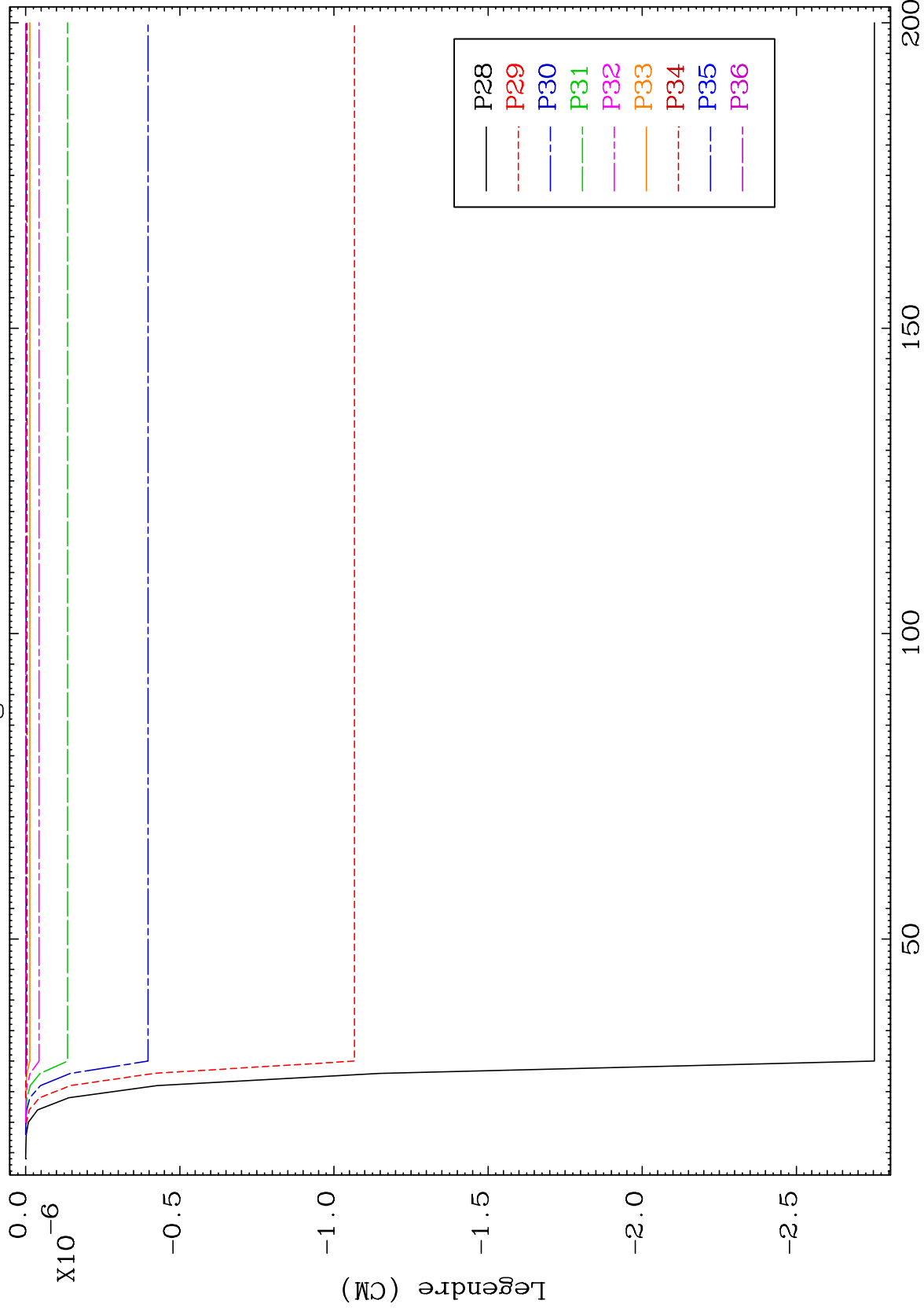
25



MAT 6792

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

68-Er-151



27

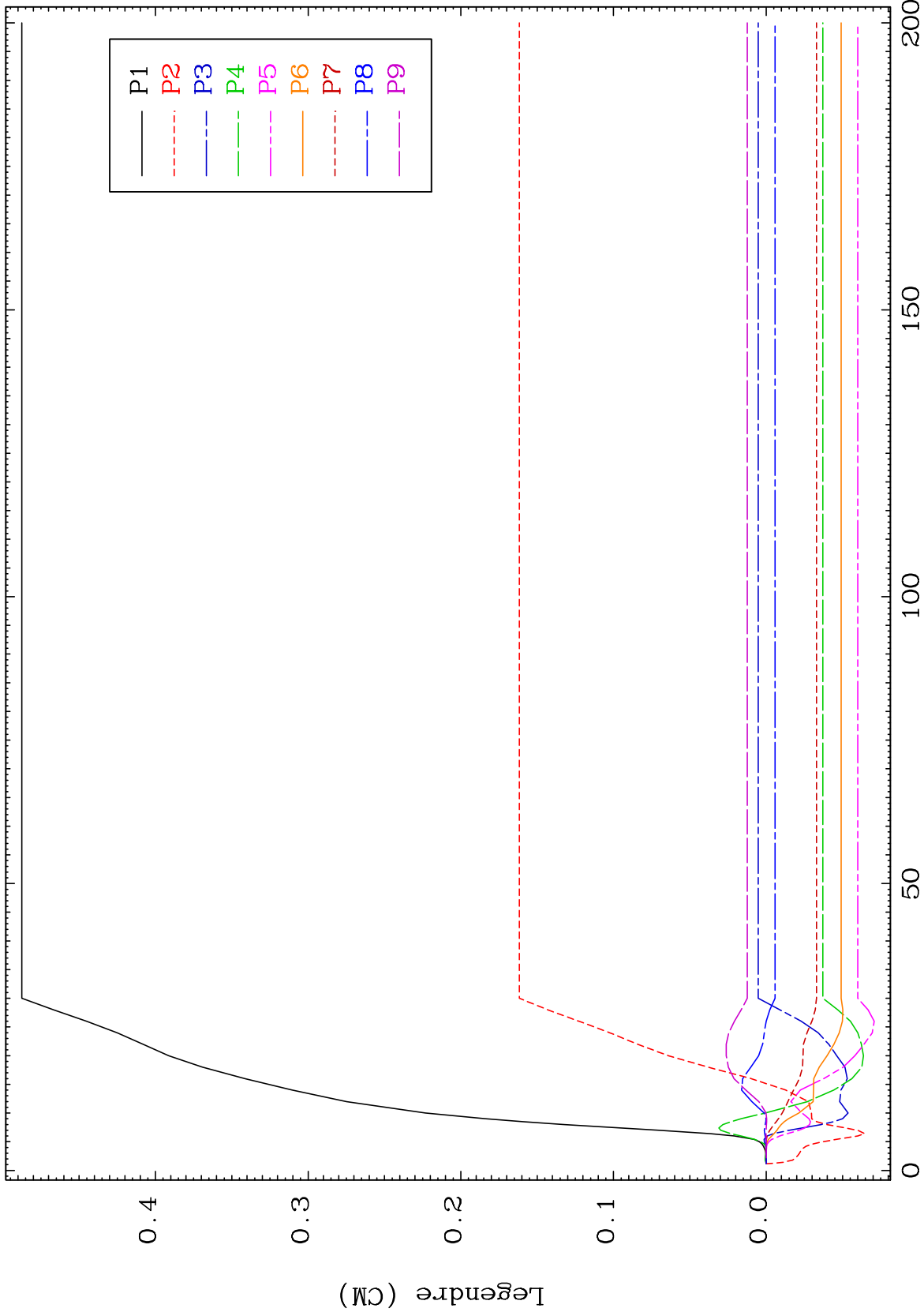
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



28

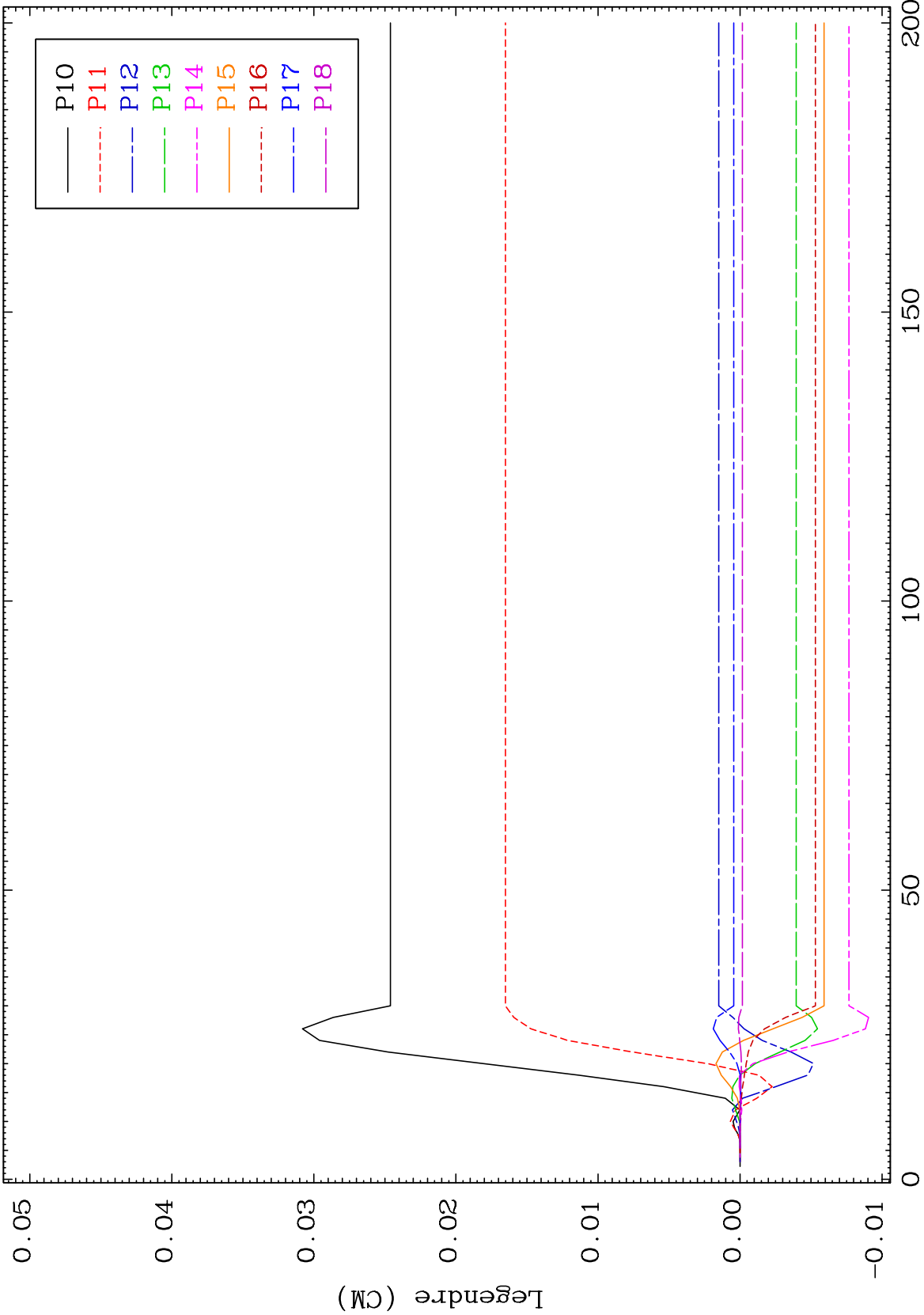
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



29

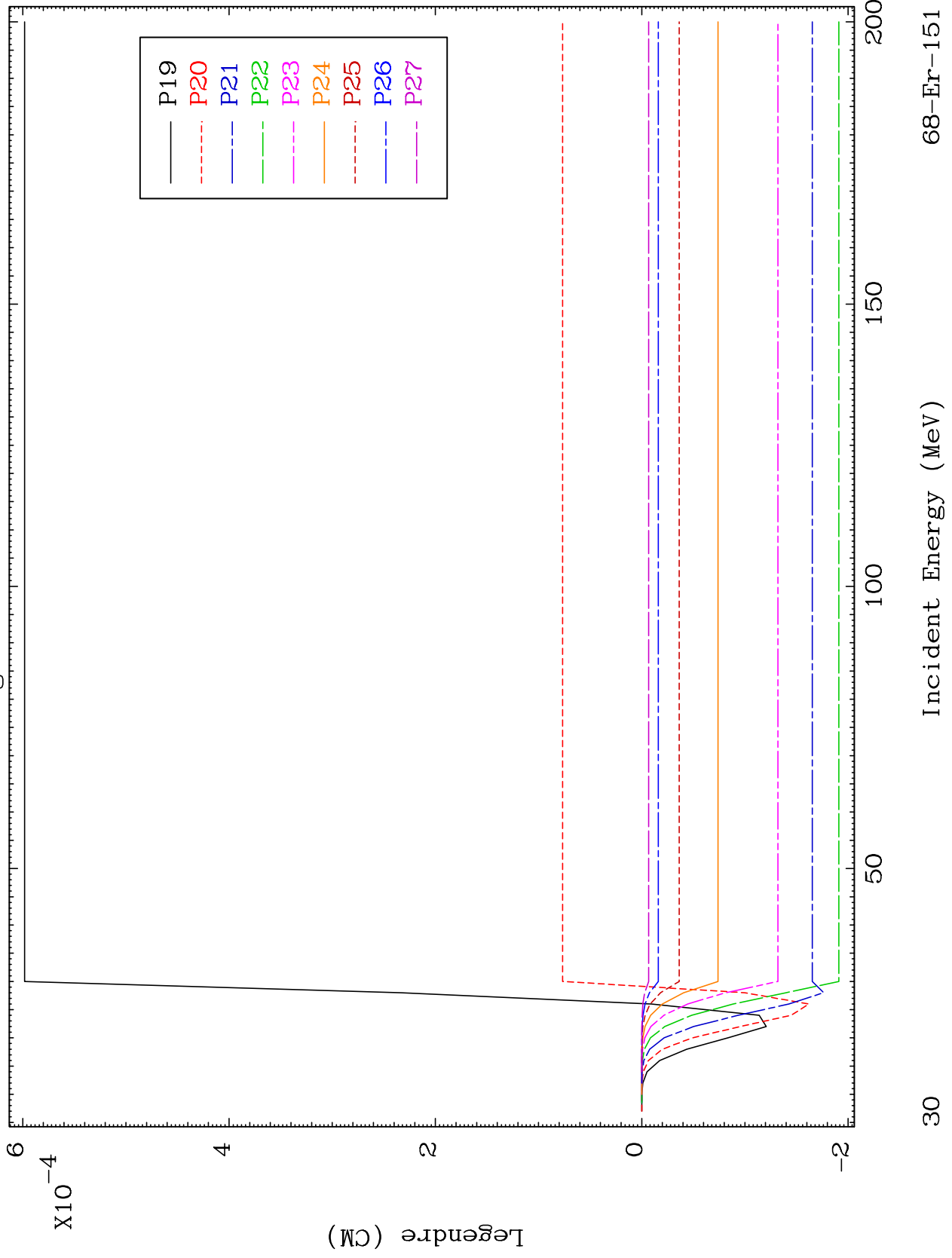
Incident Energy (MeV)

68-Er-151

MAT 6792

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

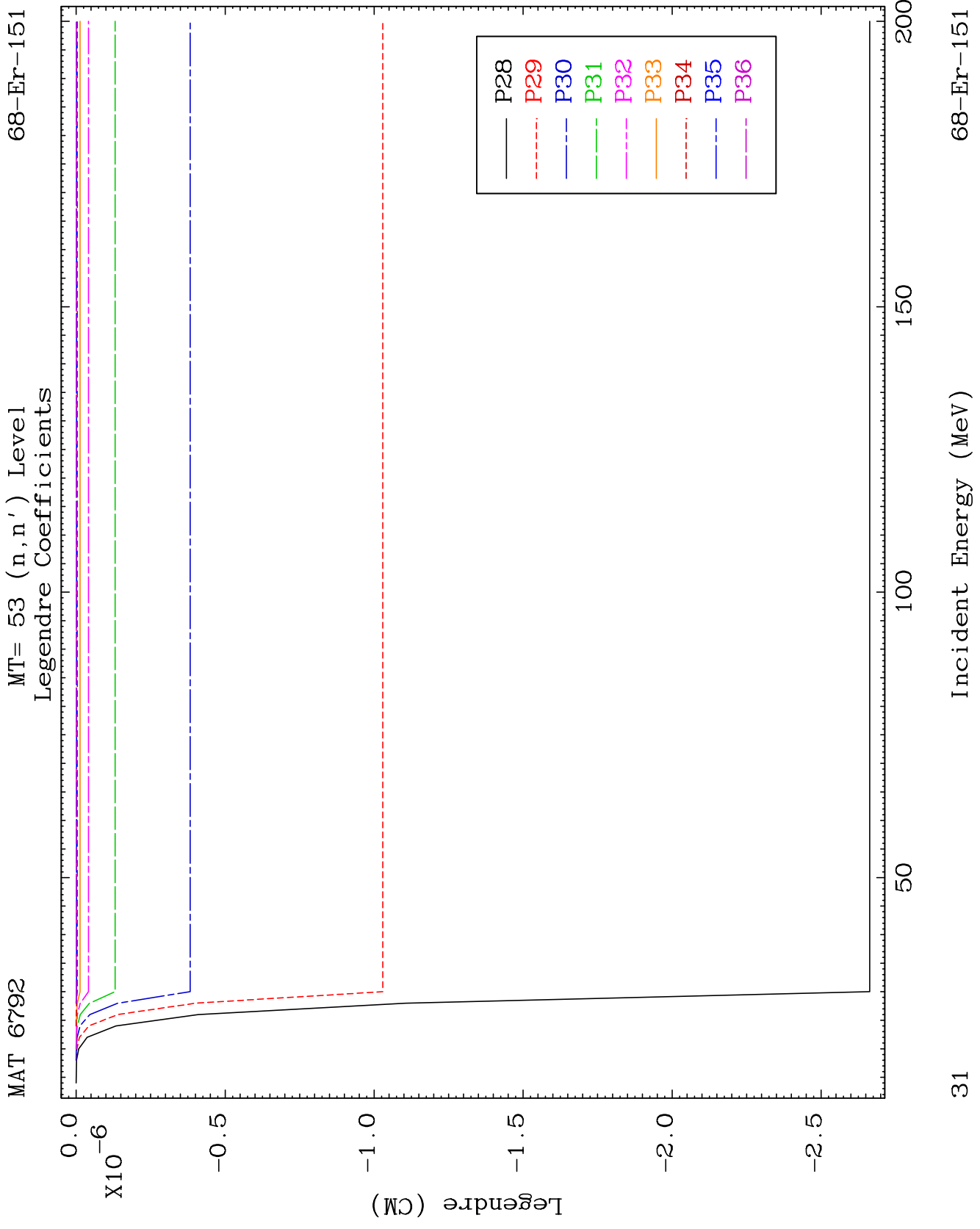
68-Er-151



30

Incident Energy (MeV)

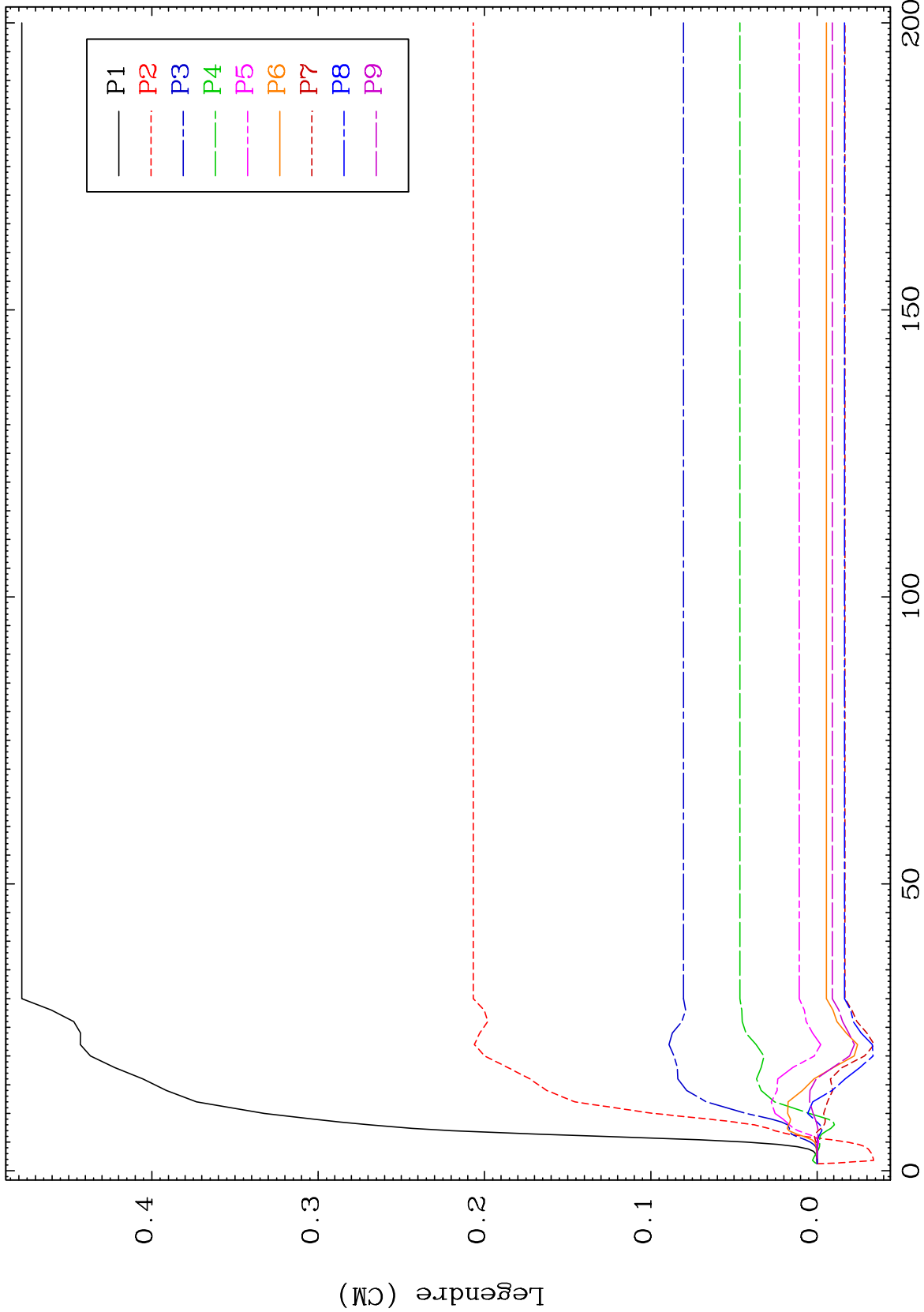
68-Er-151



MAT 6792

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

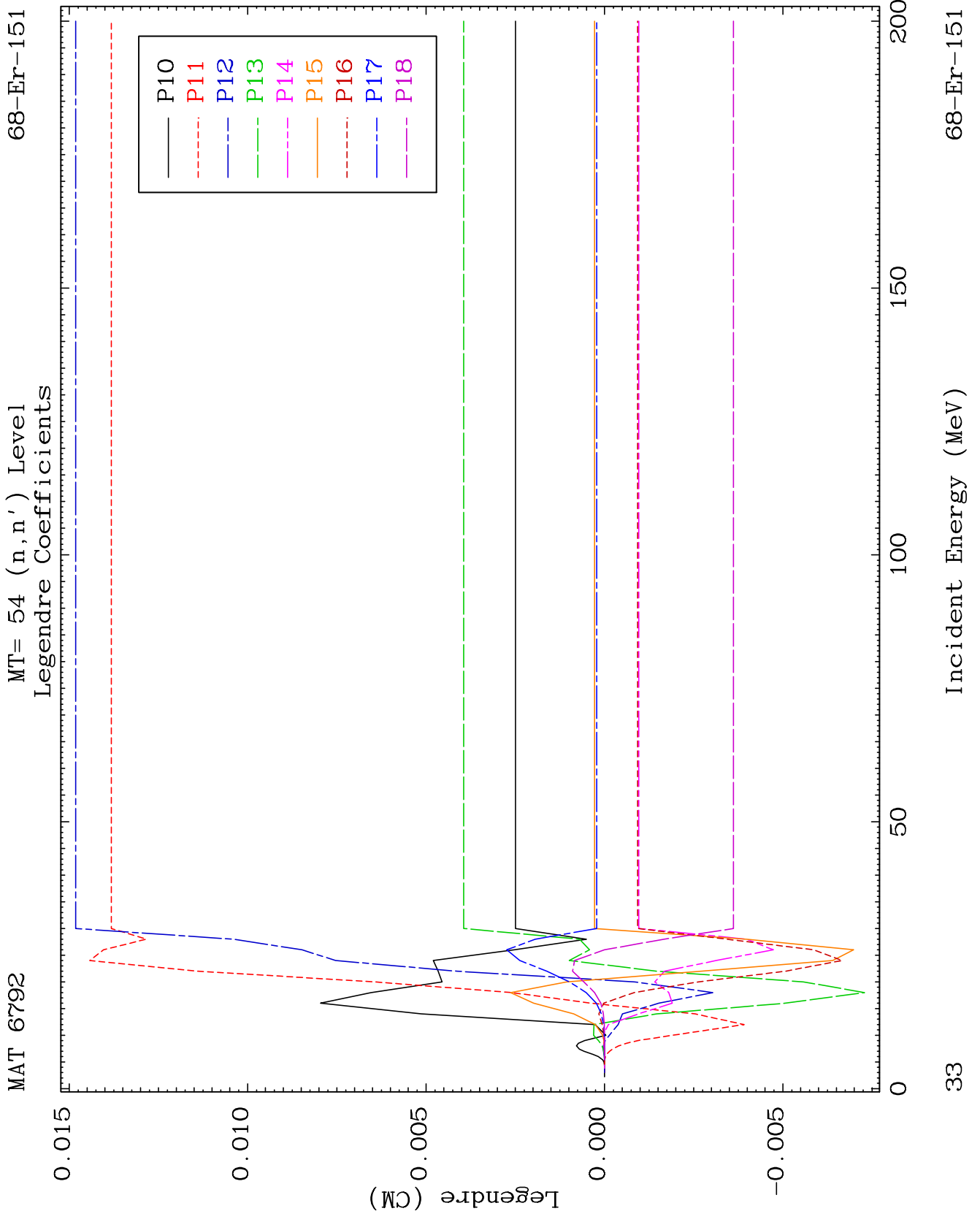
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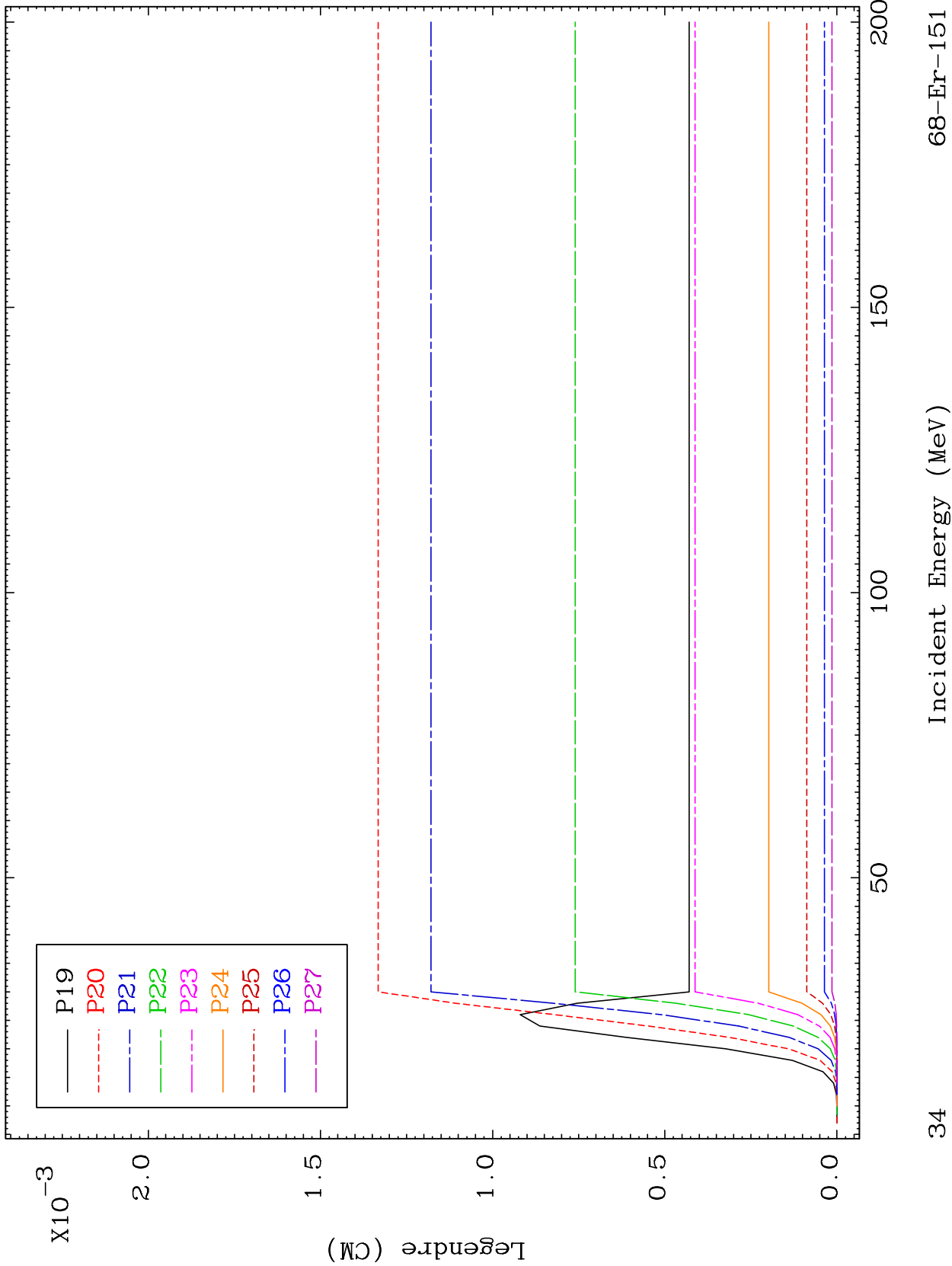


68-Er-151

Incident Energy (MeV)

32

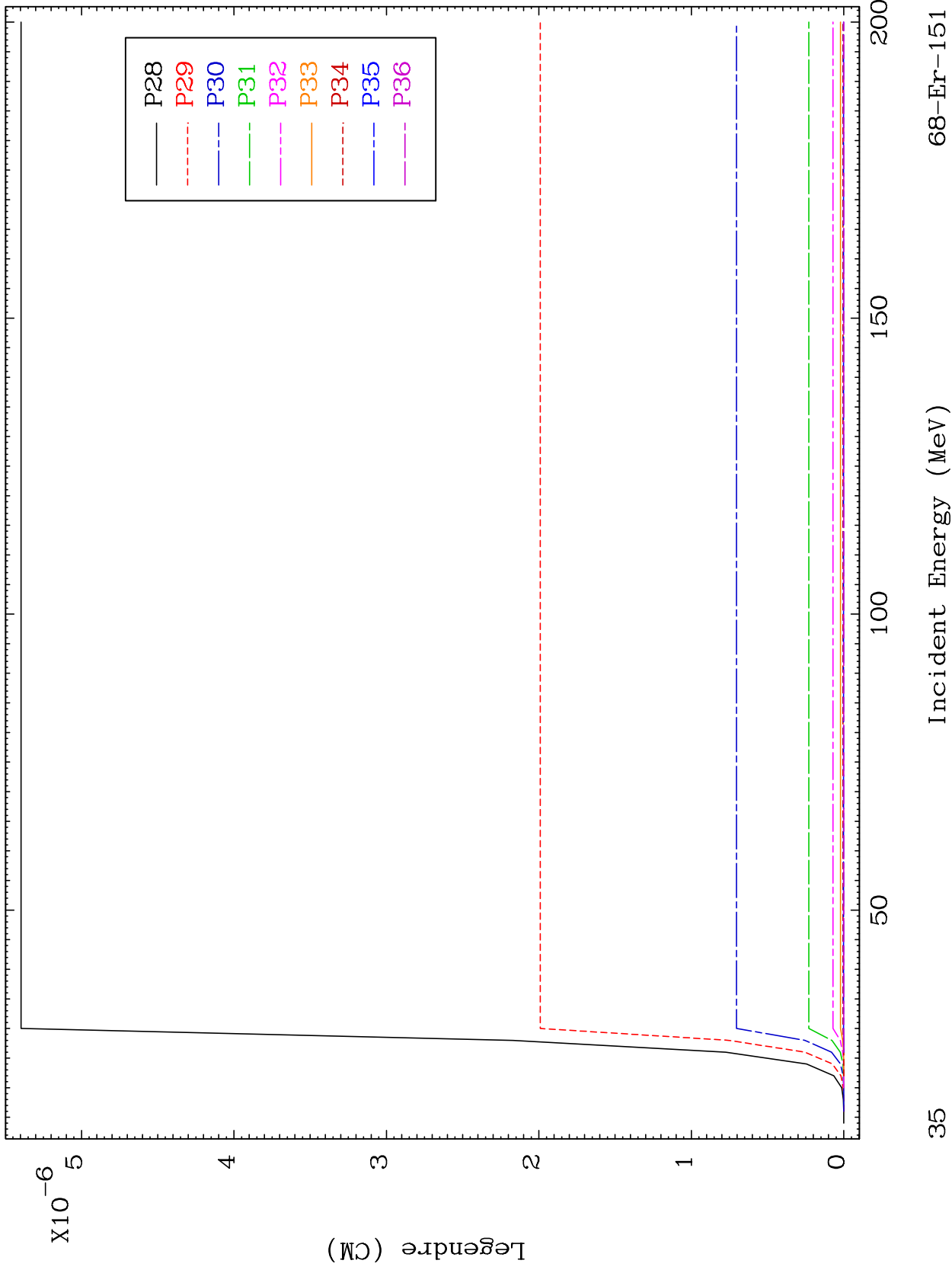




MAT 6792

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

68-Er-151



35

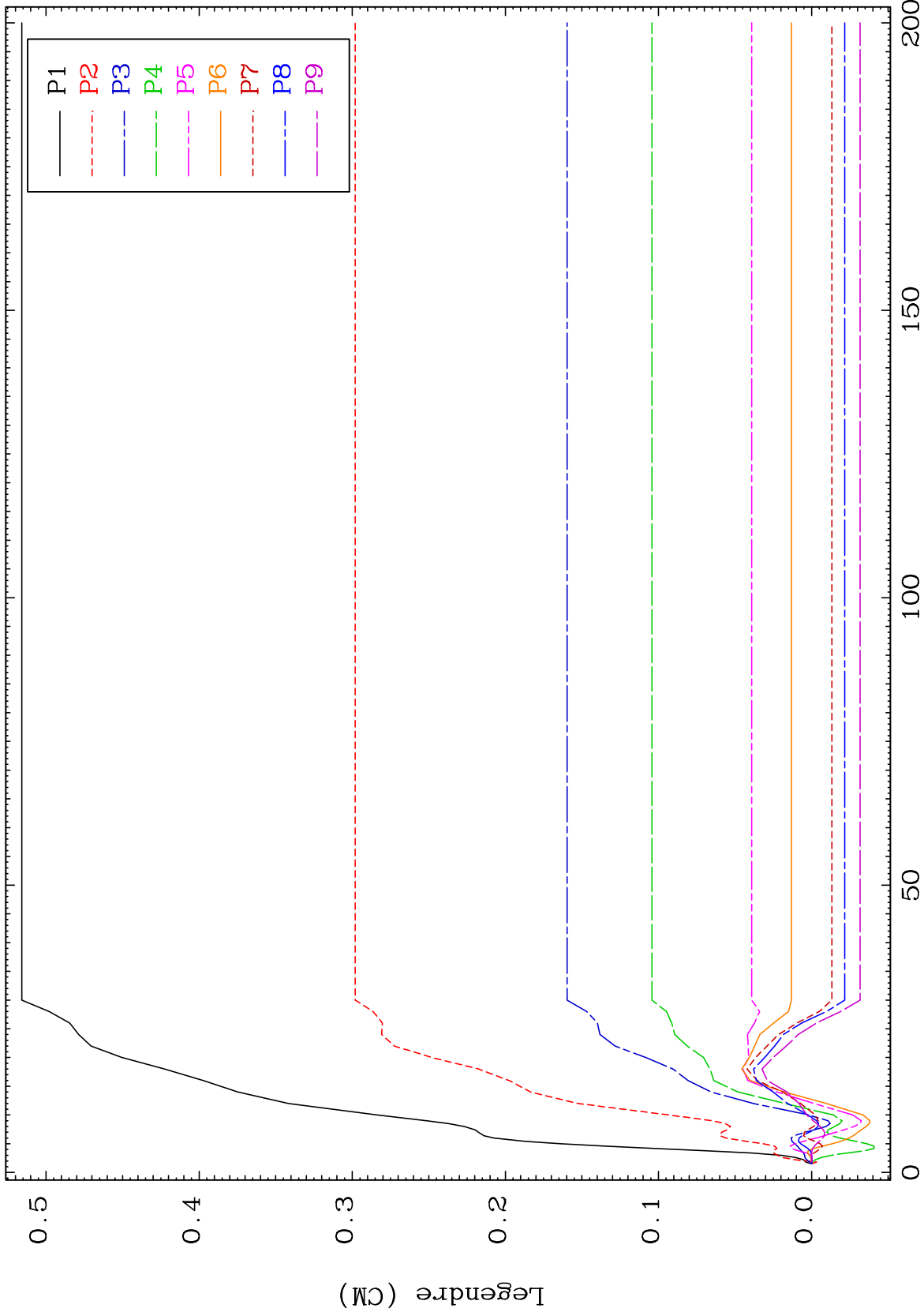
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



36

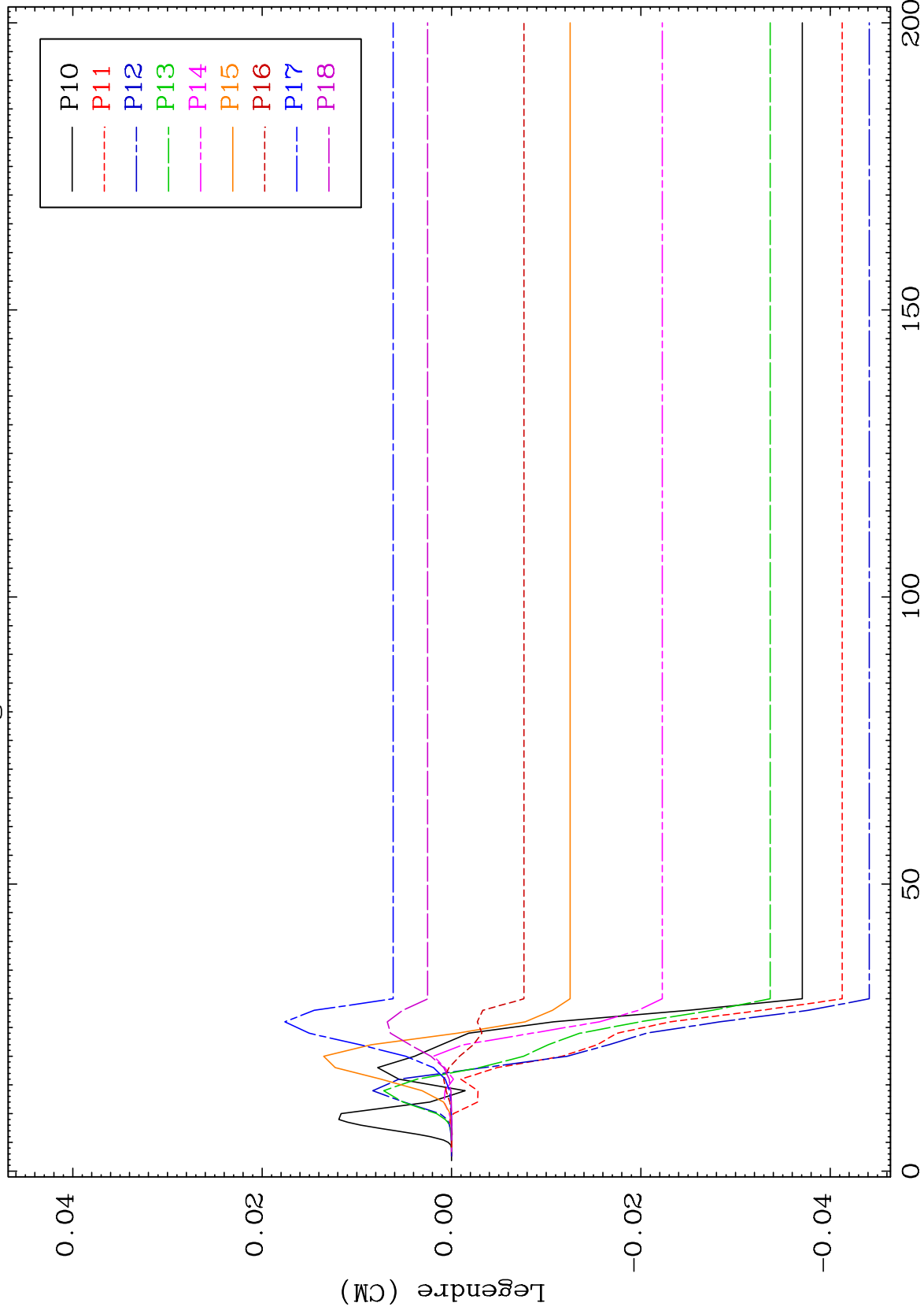
Incident Energy (MeV)

68-Er-151

MAT 6792

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

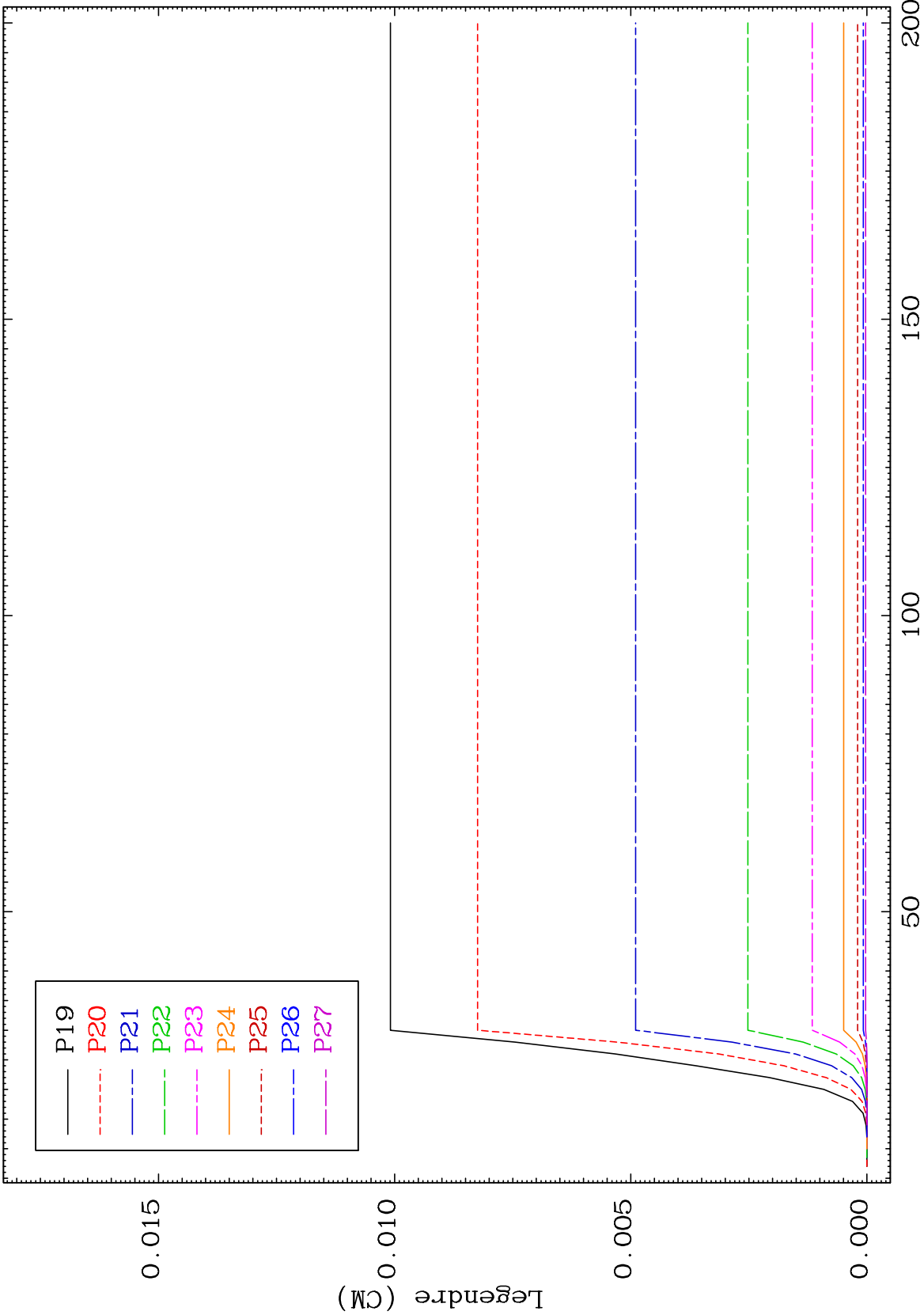
68-Er-151



37

Incident Energy (MeV)

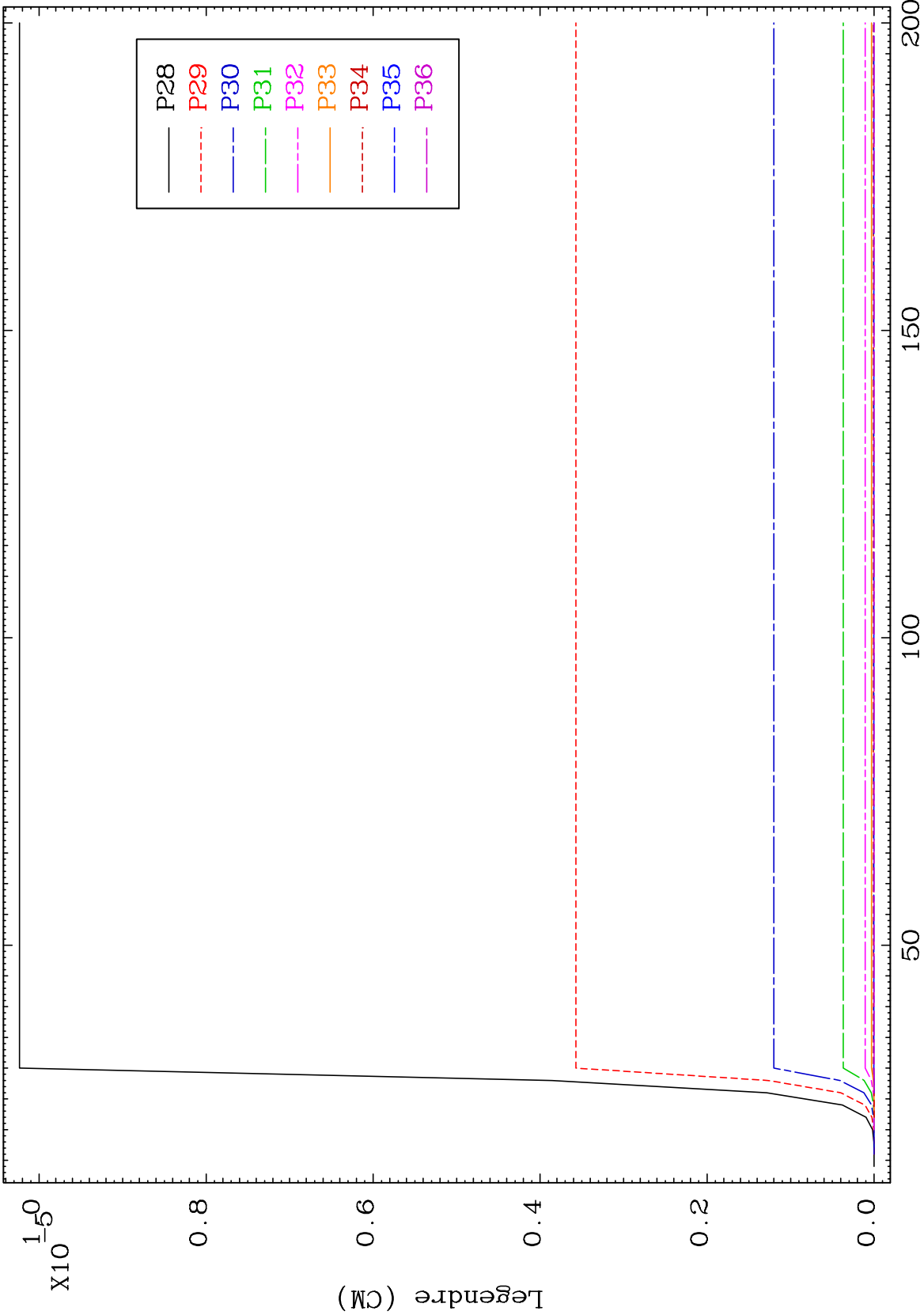
68-Er-151



MAT 6792

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

68-Er-151



39

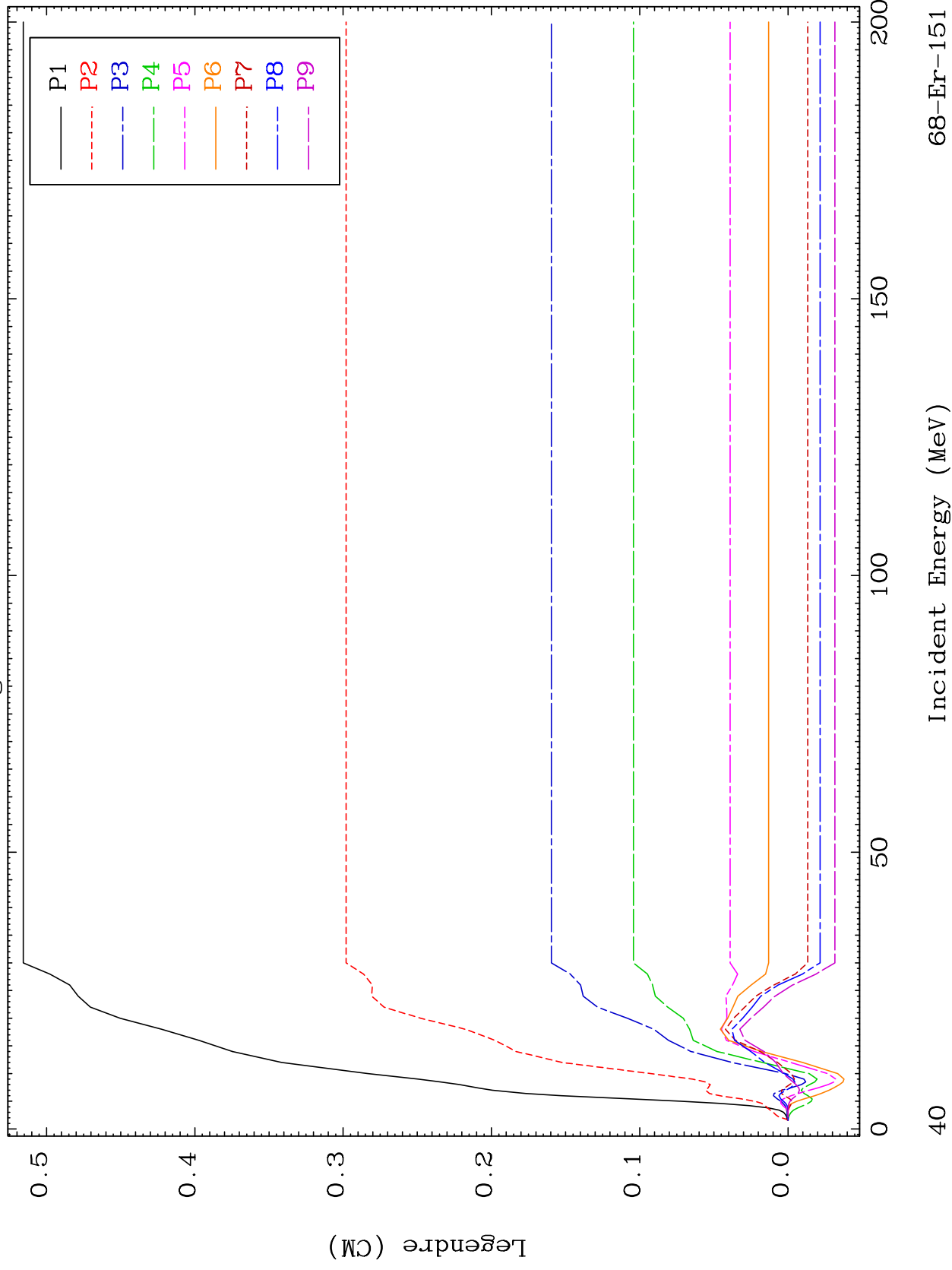
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



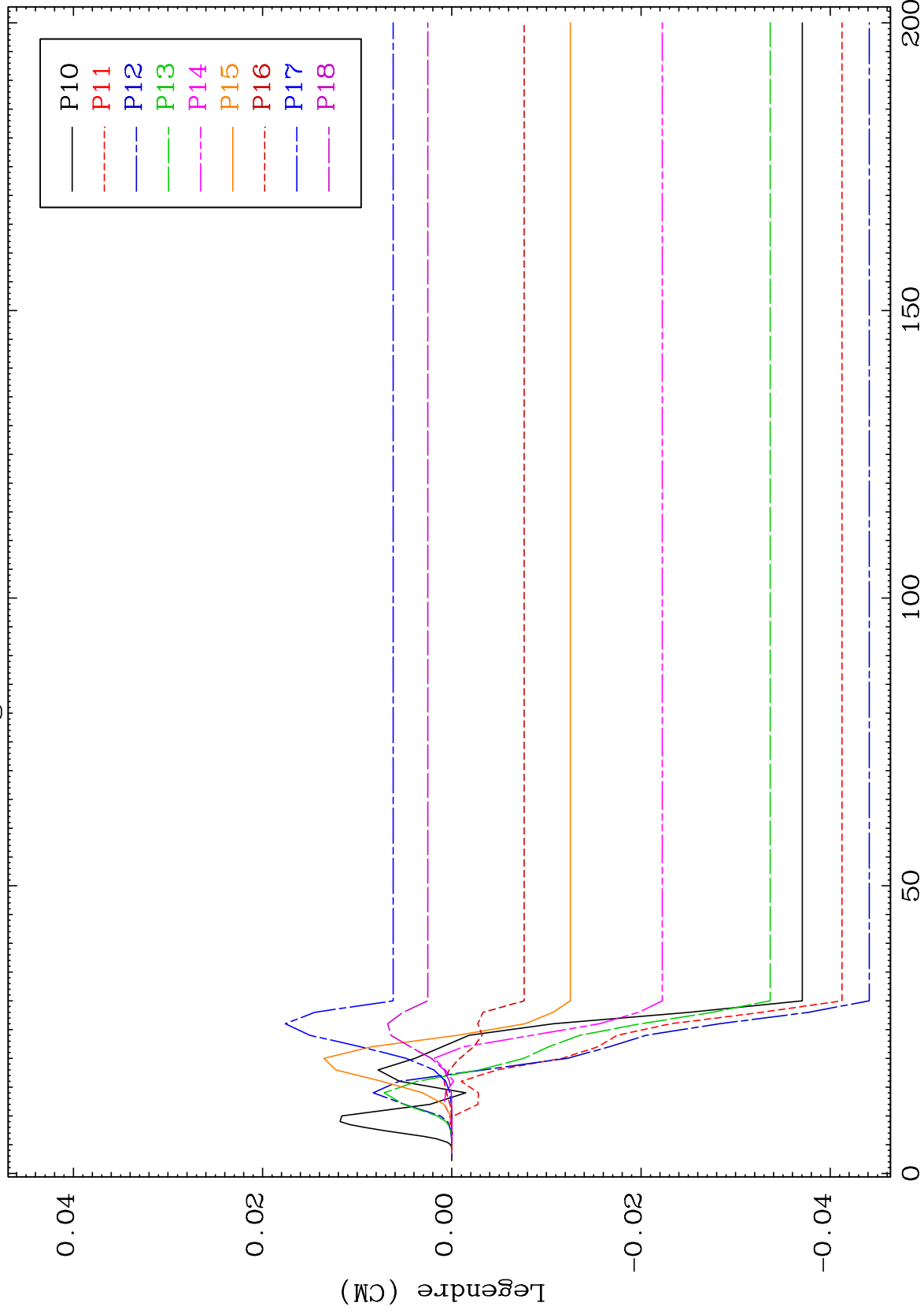
68-Er-151

Incident Energy (MeV)

MAT 6792

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

68-Er-151



41

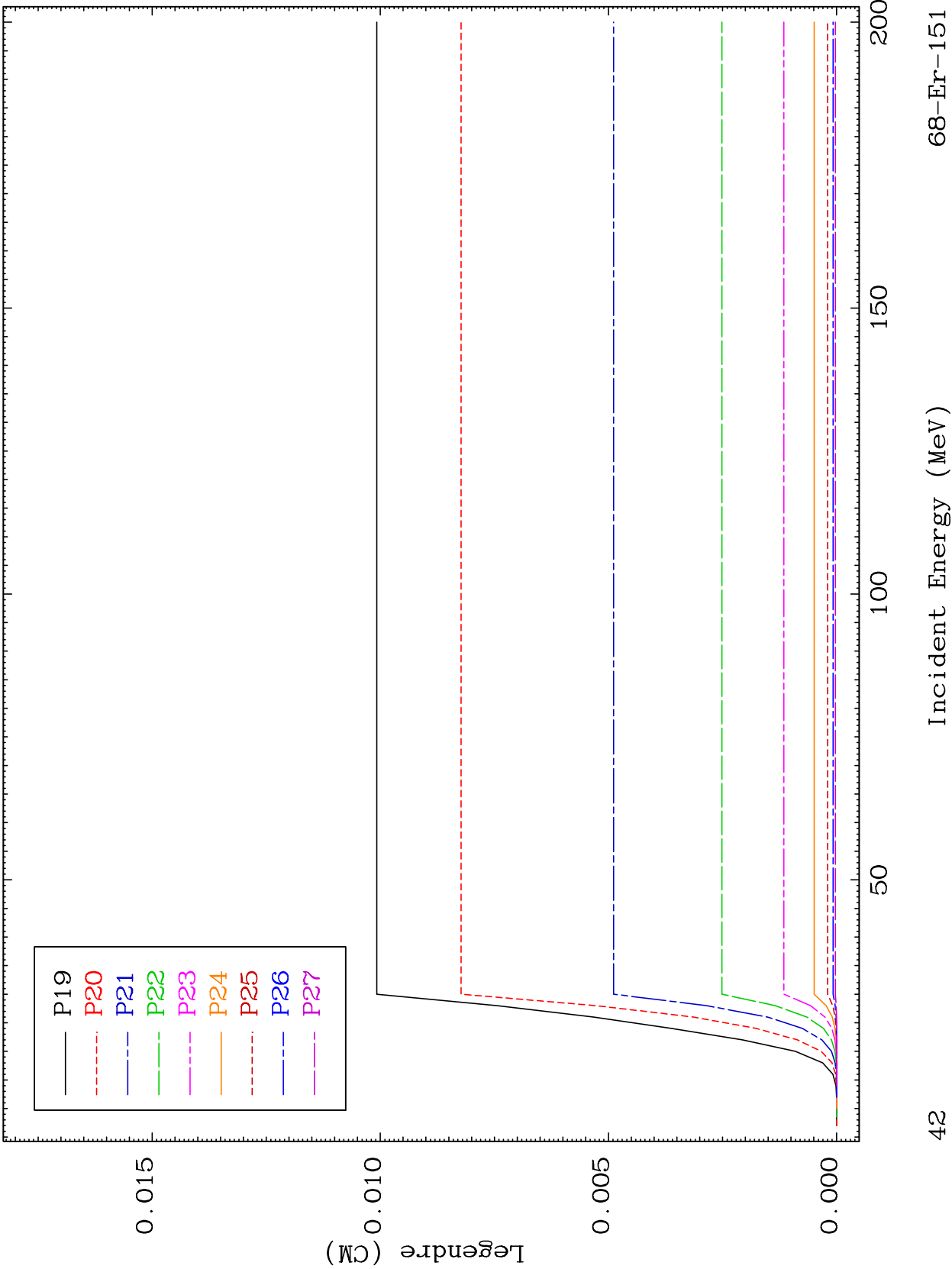
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



42

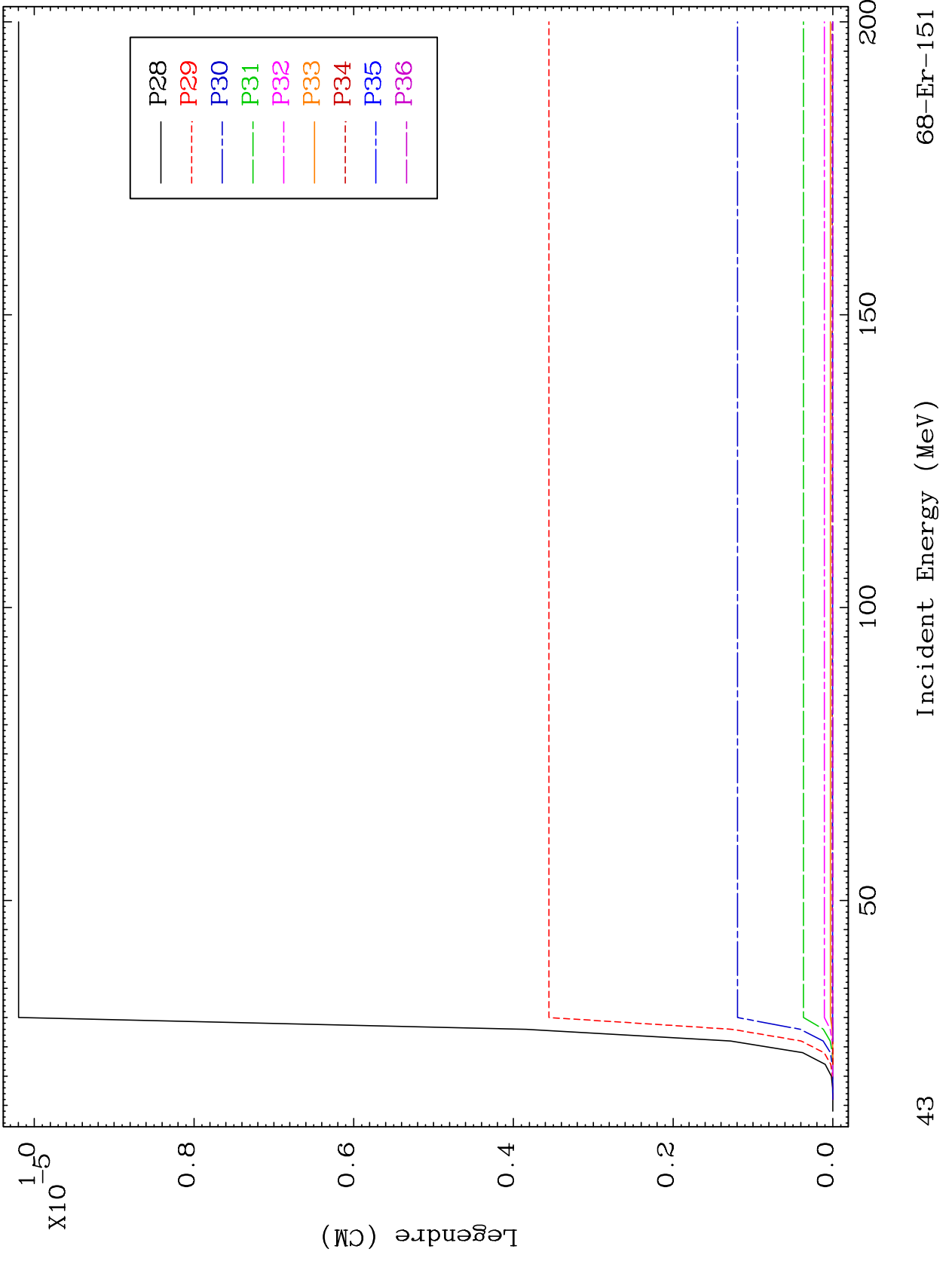
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



43

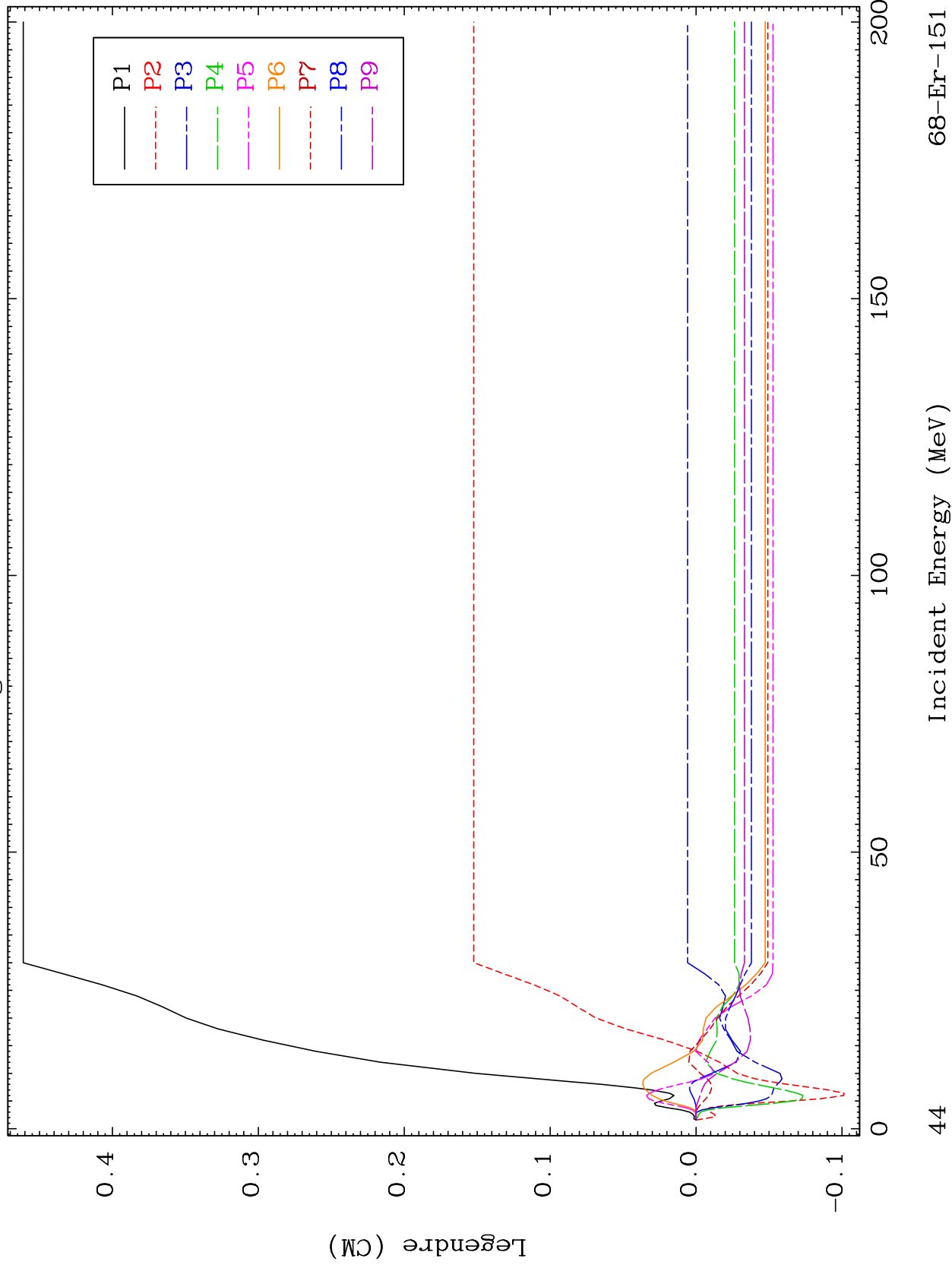
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

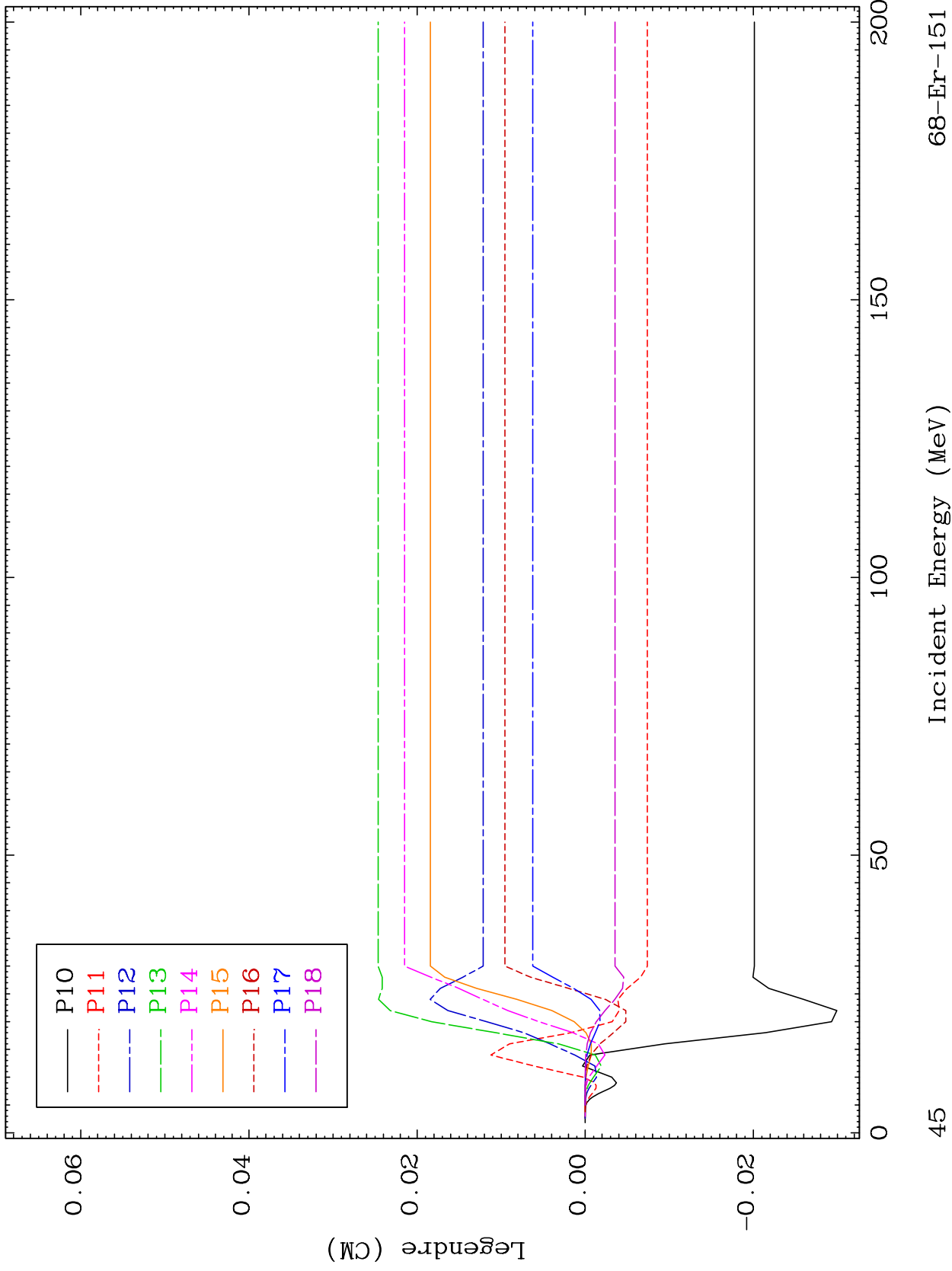
Incident Energy (MeV)

44

MAT 6792

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

68-Er-151



68-Er-151

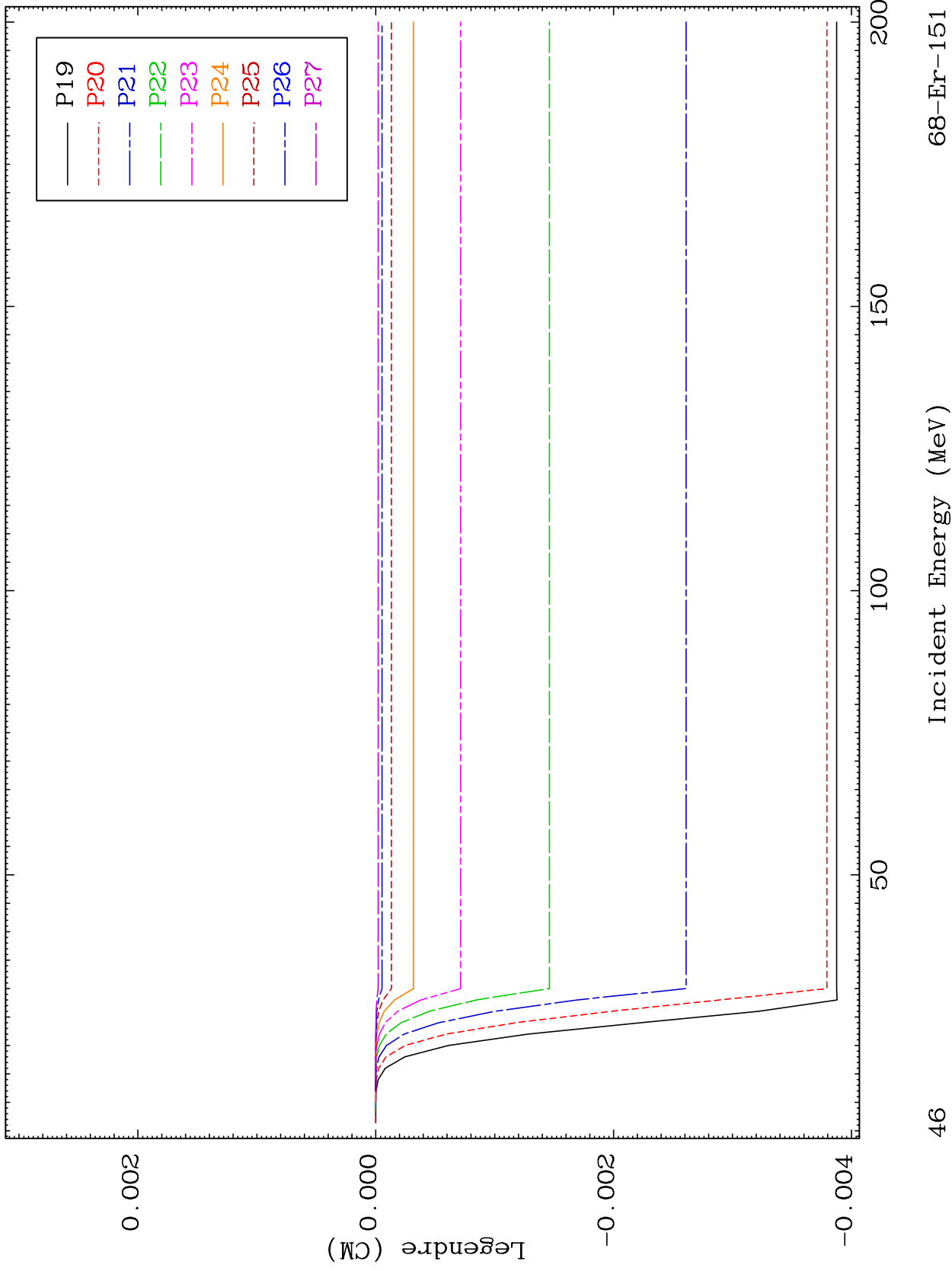
Incident Energy (MeV)

45

MAT 6792

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

68-Er-151



46

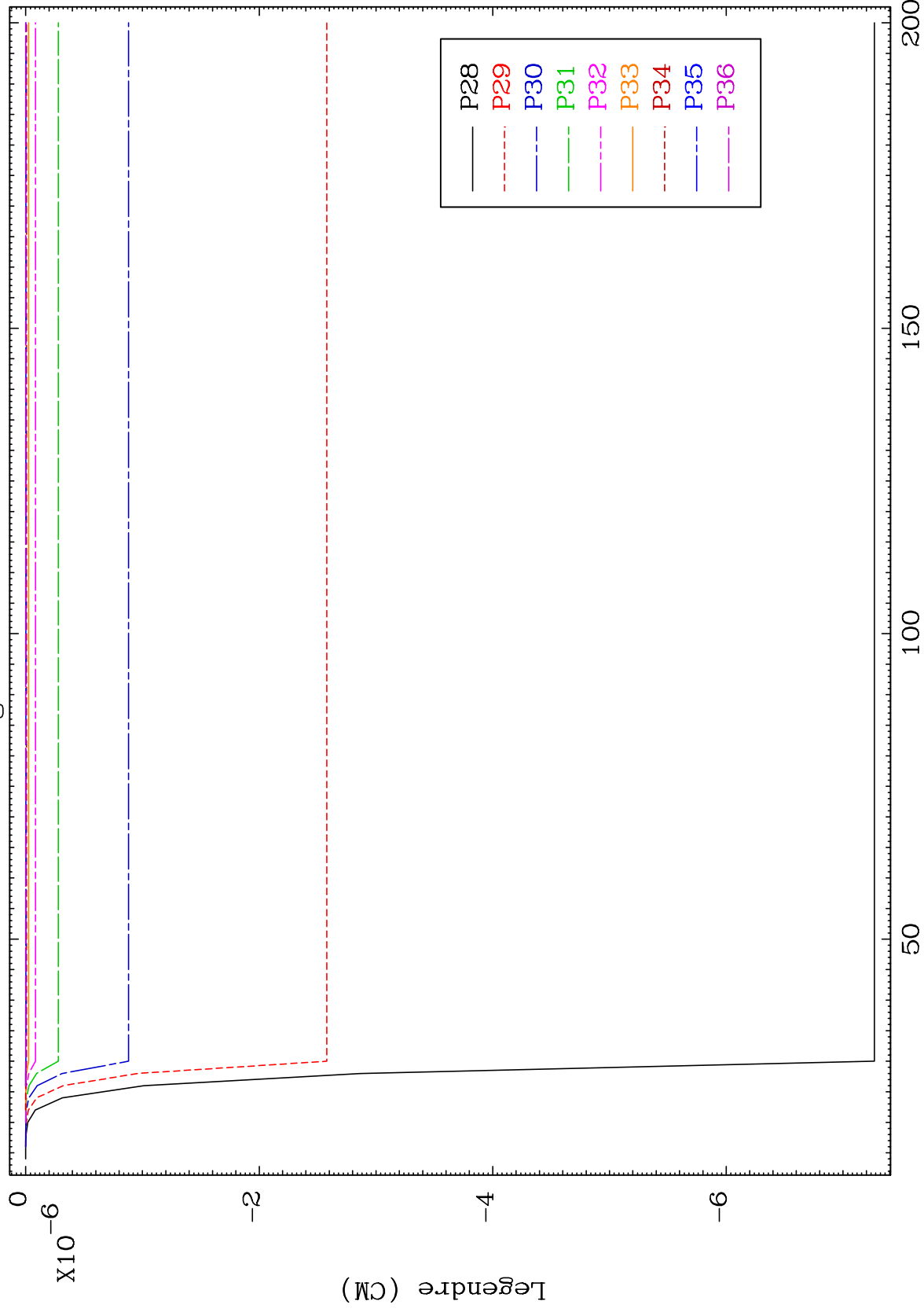
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



47

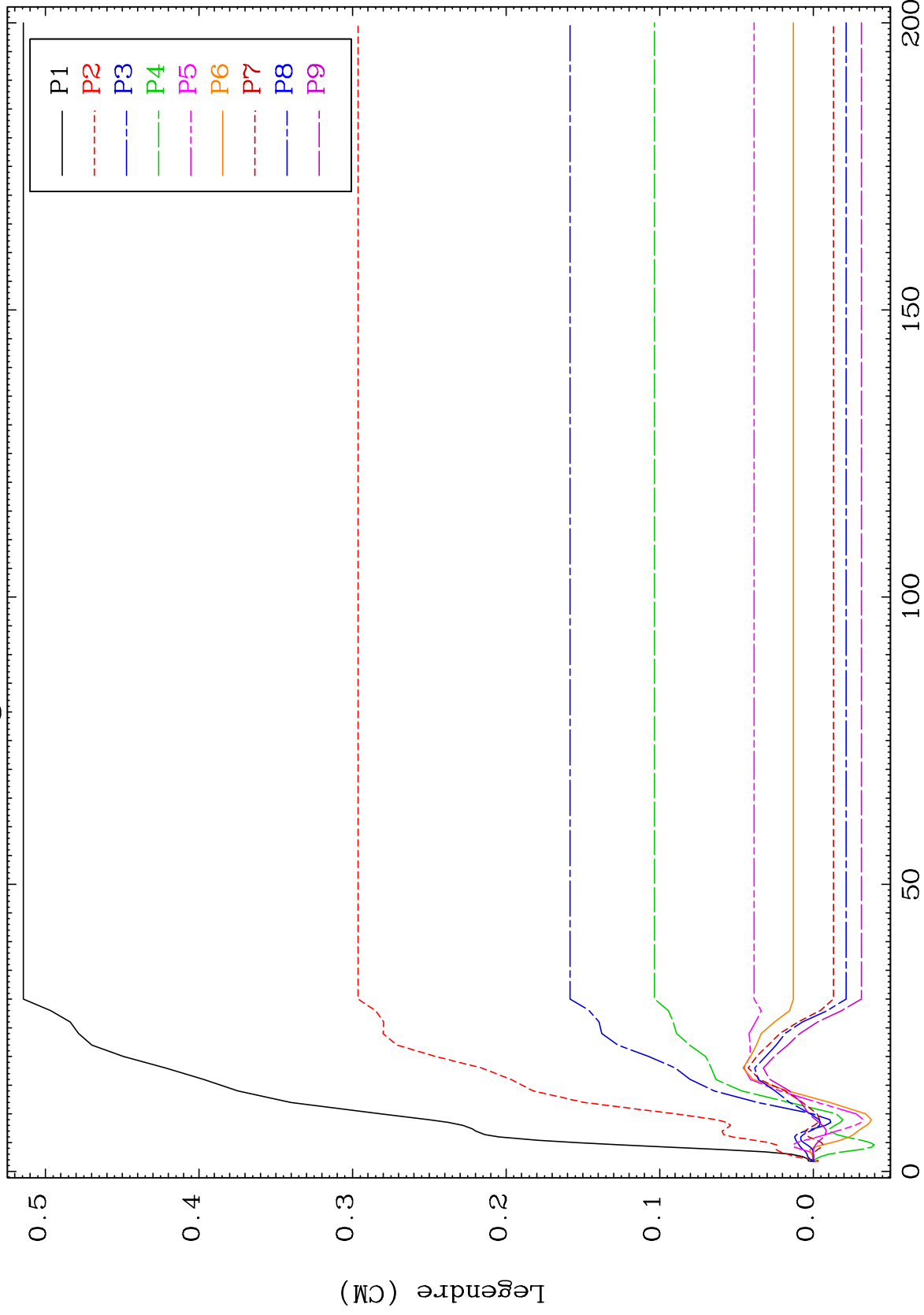
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



48

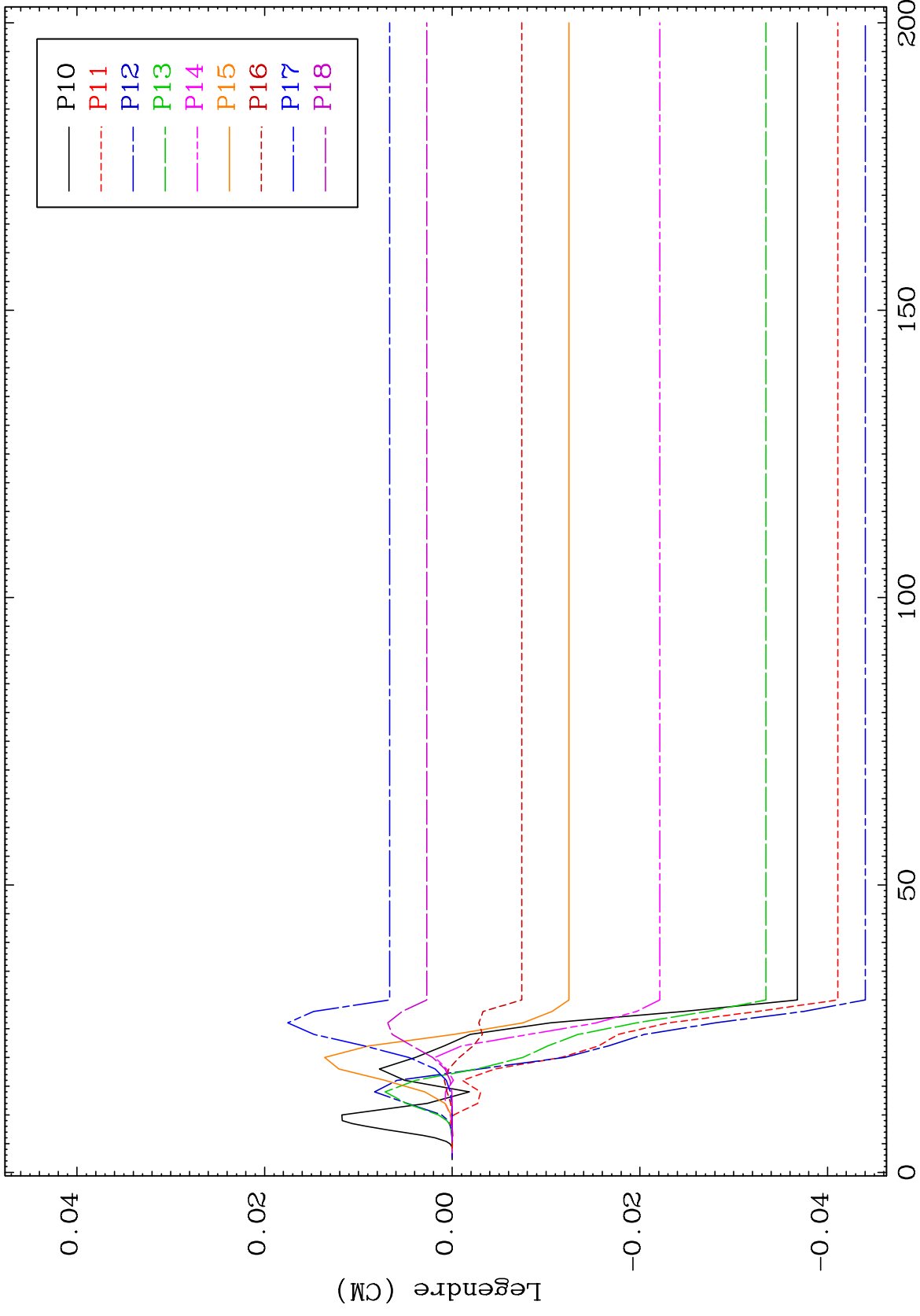
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



49

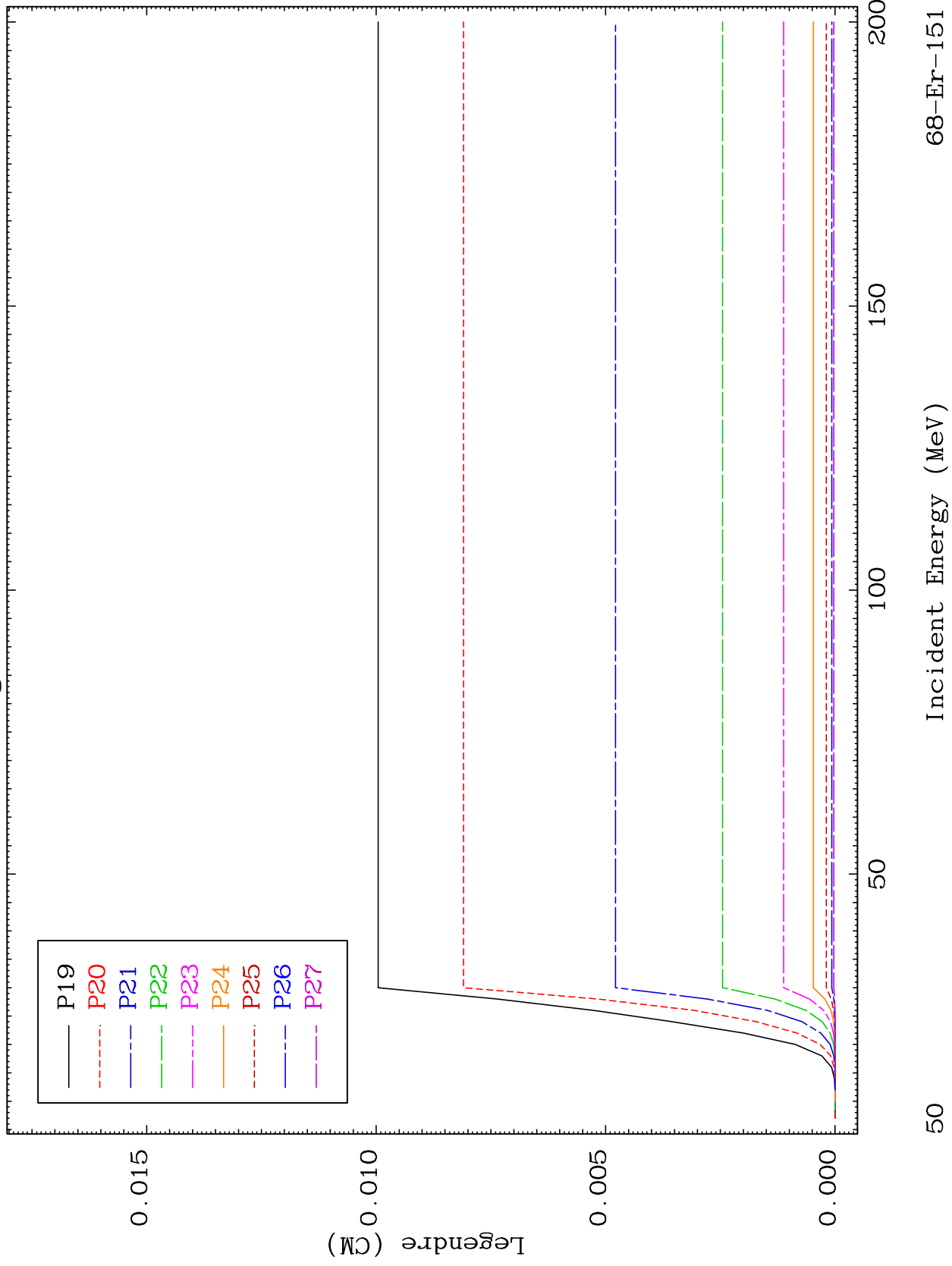
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

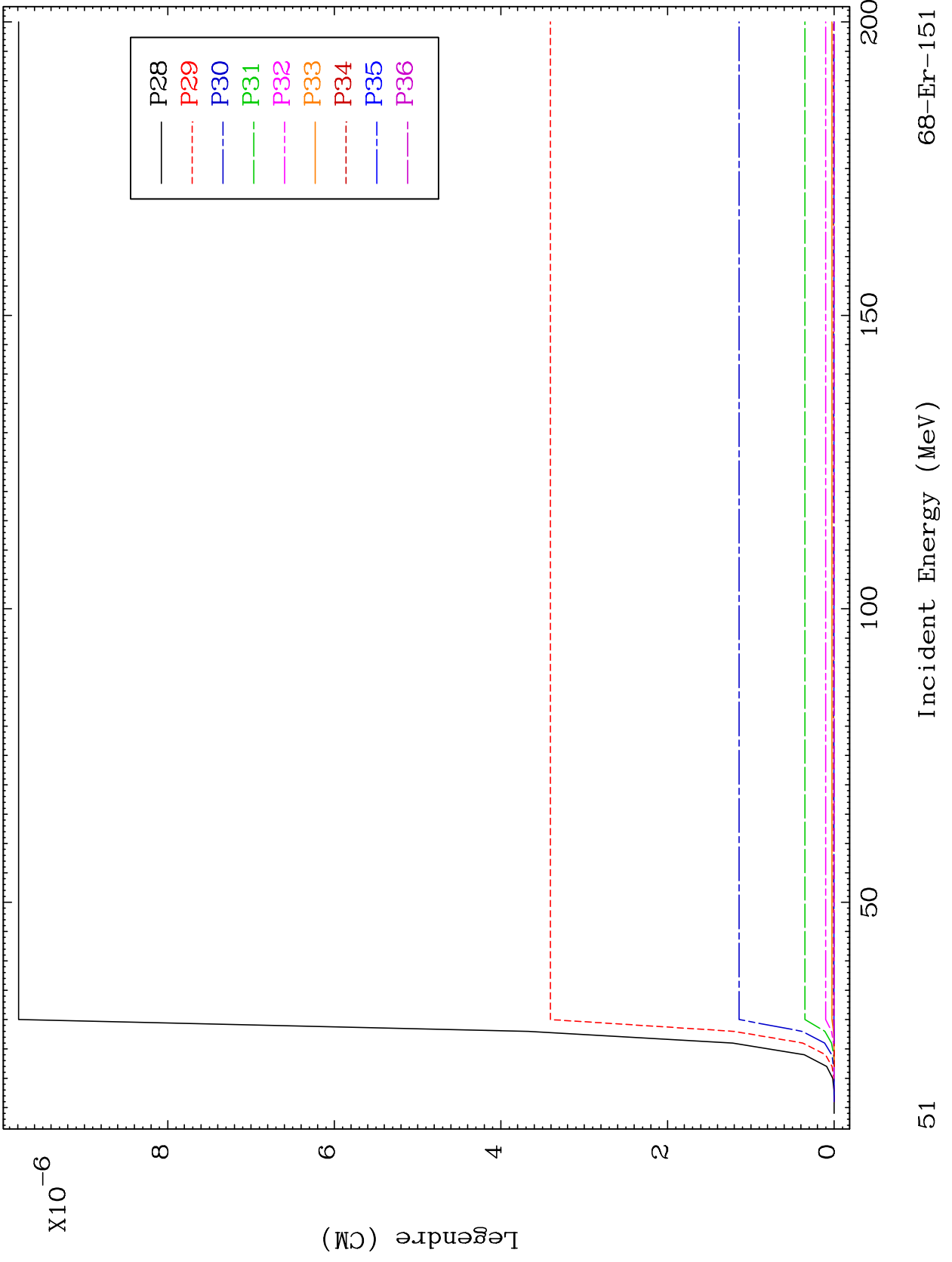
Incident Energy (MeV)

50

MAT 6792

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

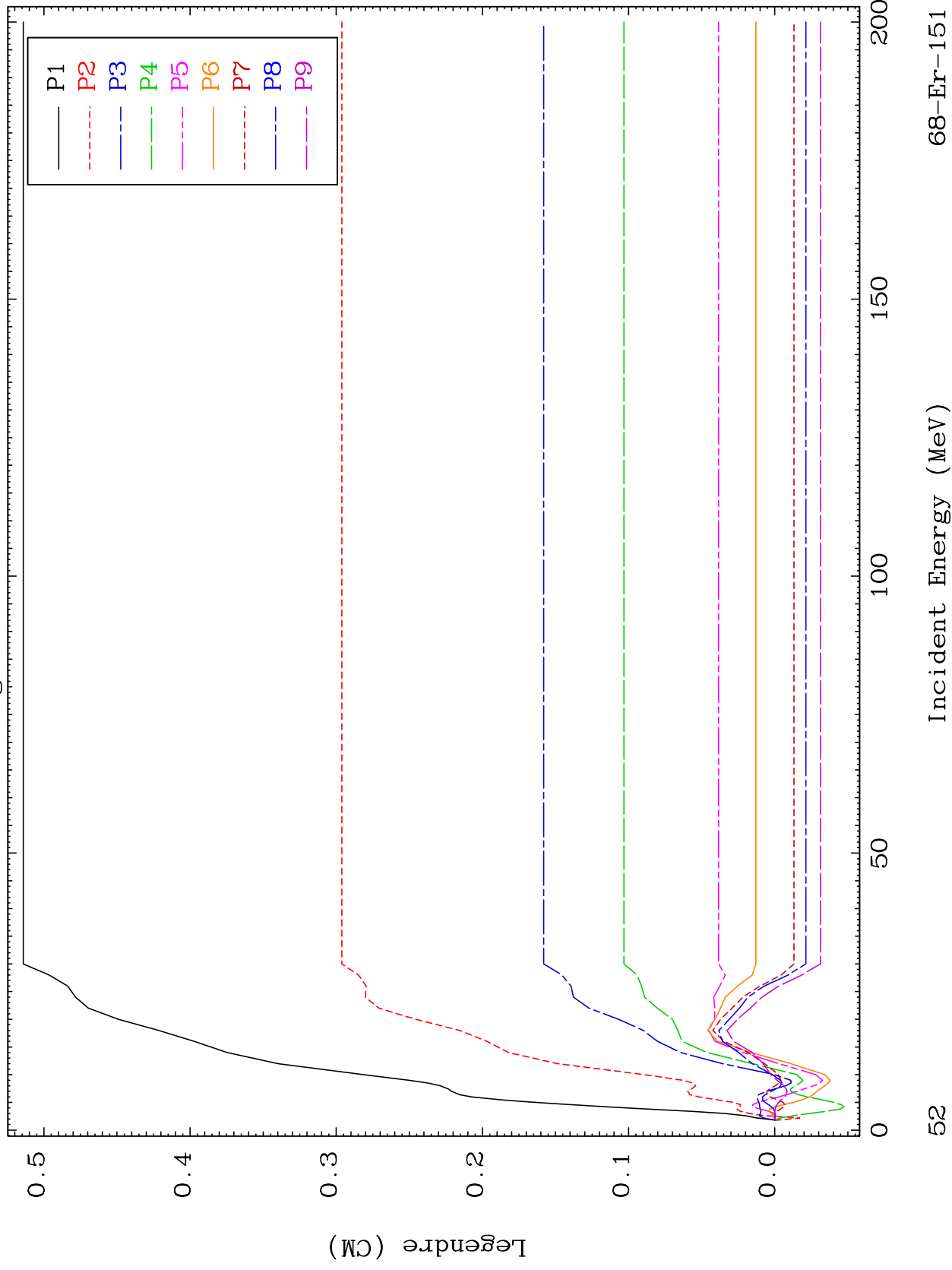
68-Er-151



MAT 6792

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

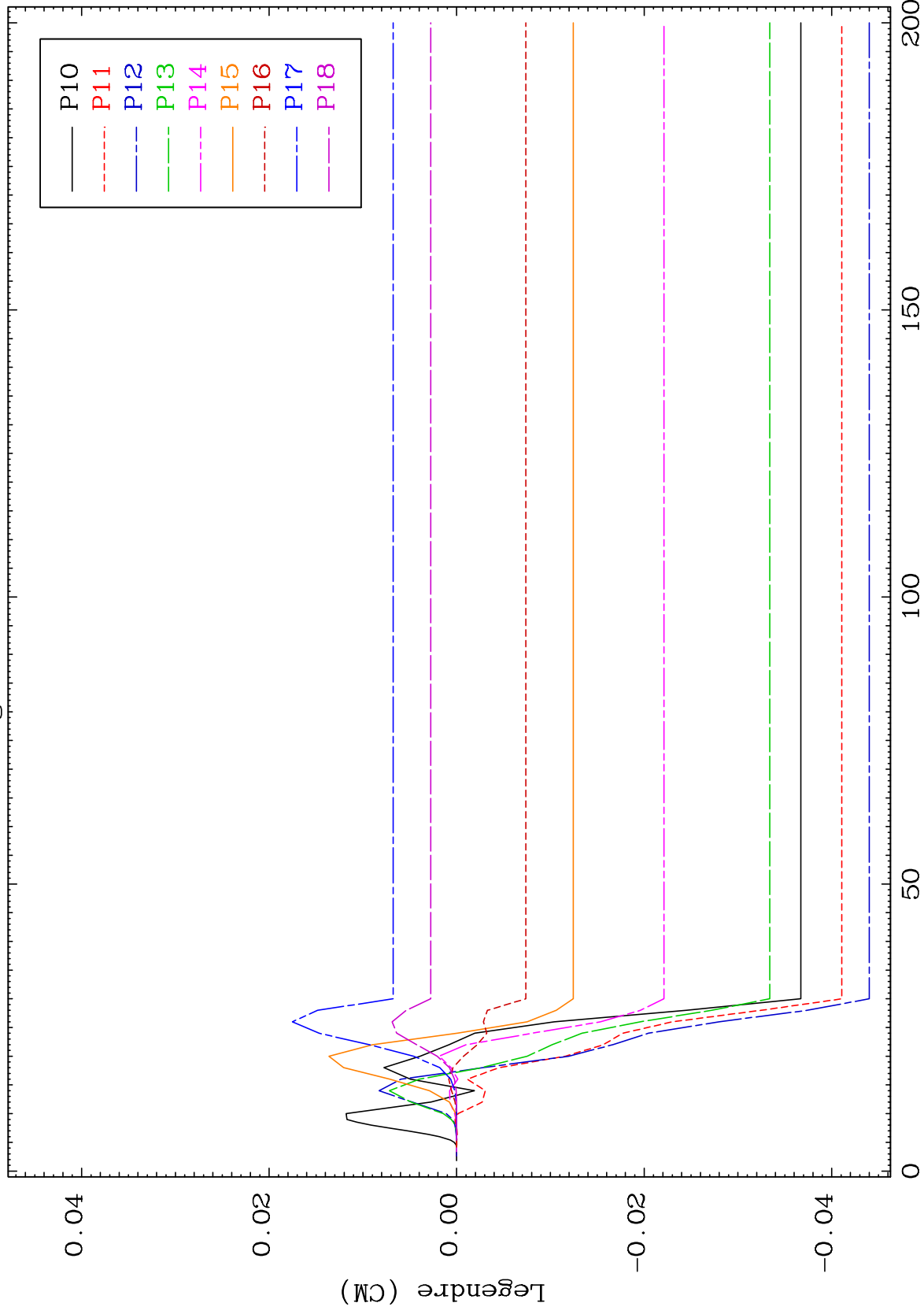
68-Er-151



MAT 6792

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

68-Er-151



53

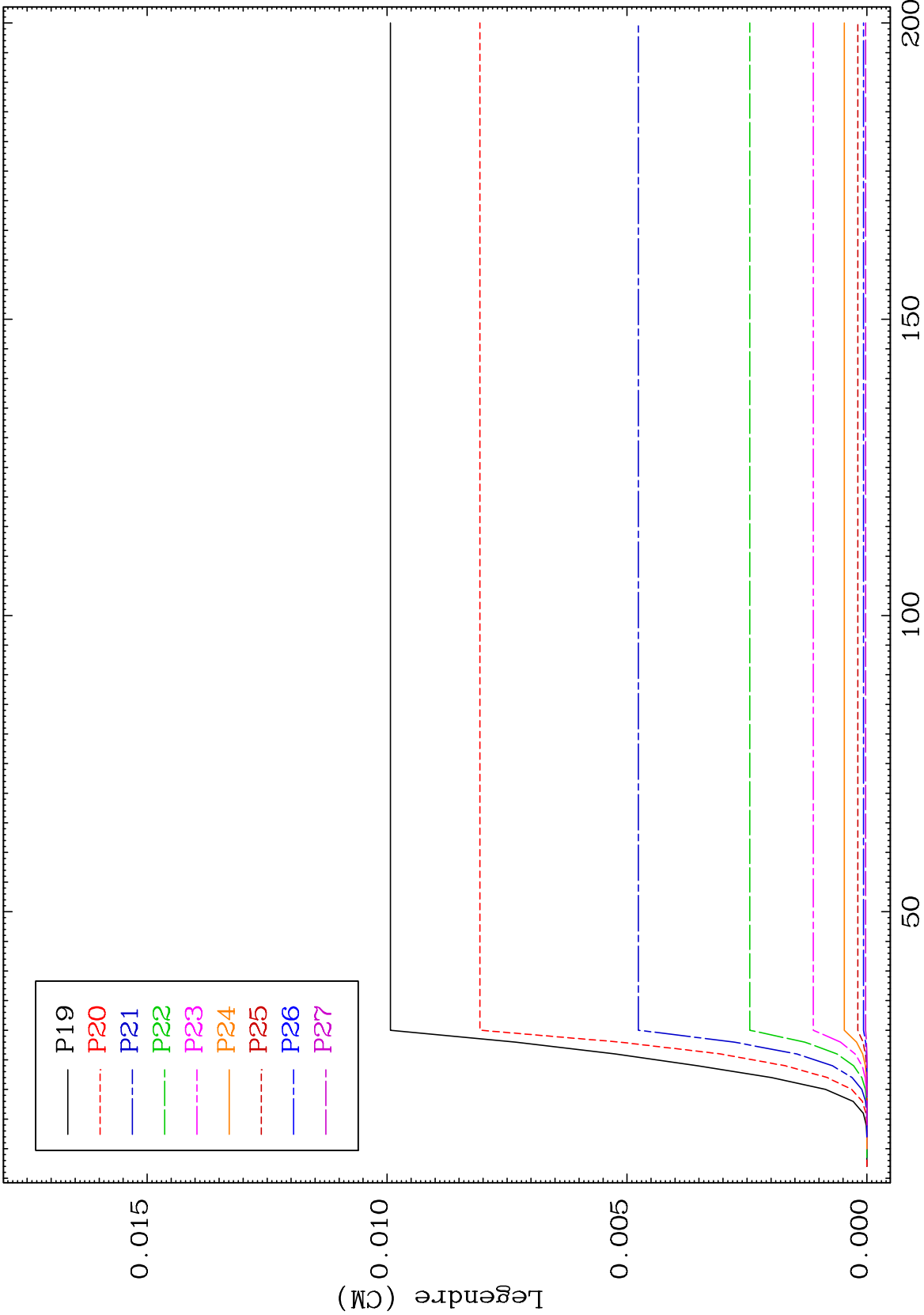
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



54

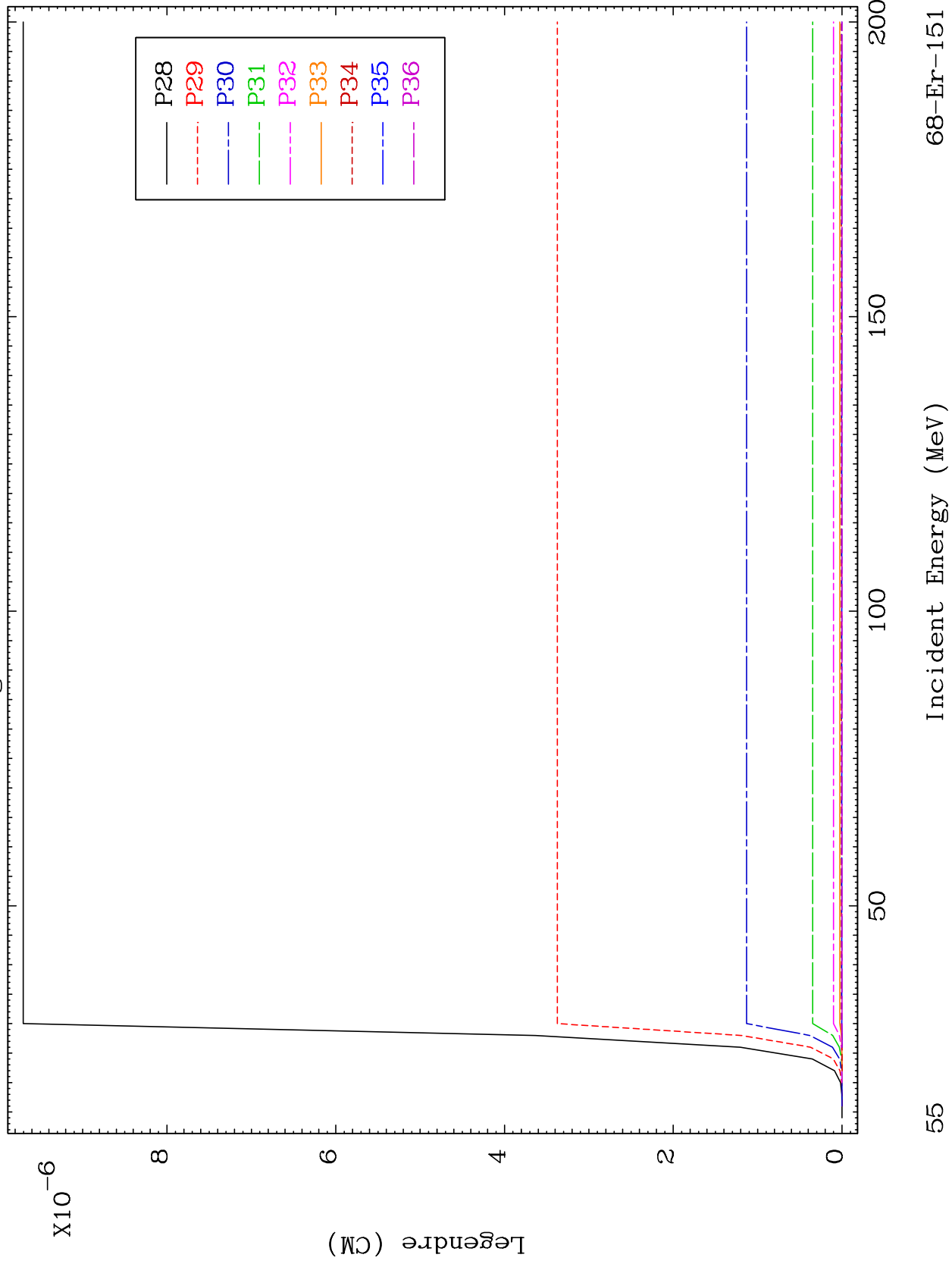
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



55

Incident Energy (MeV)

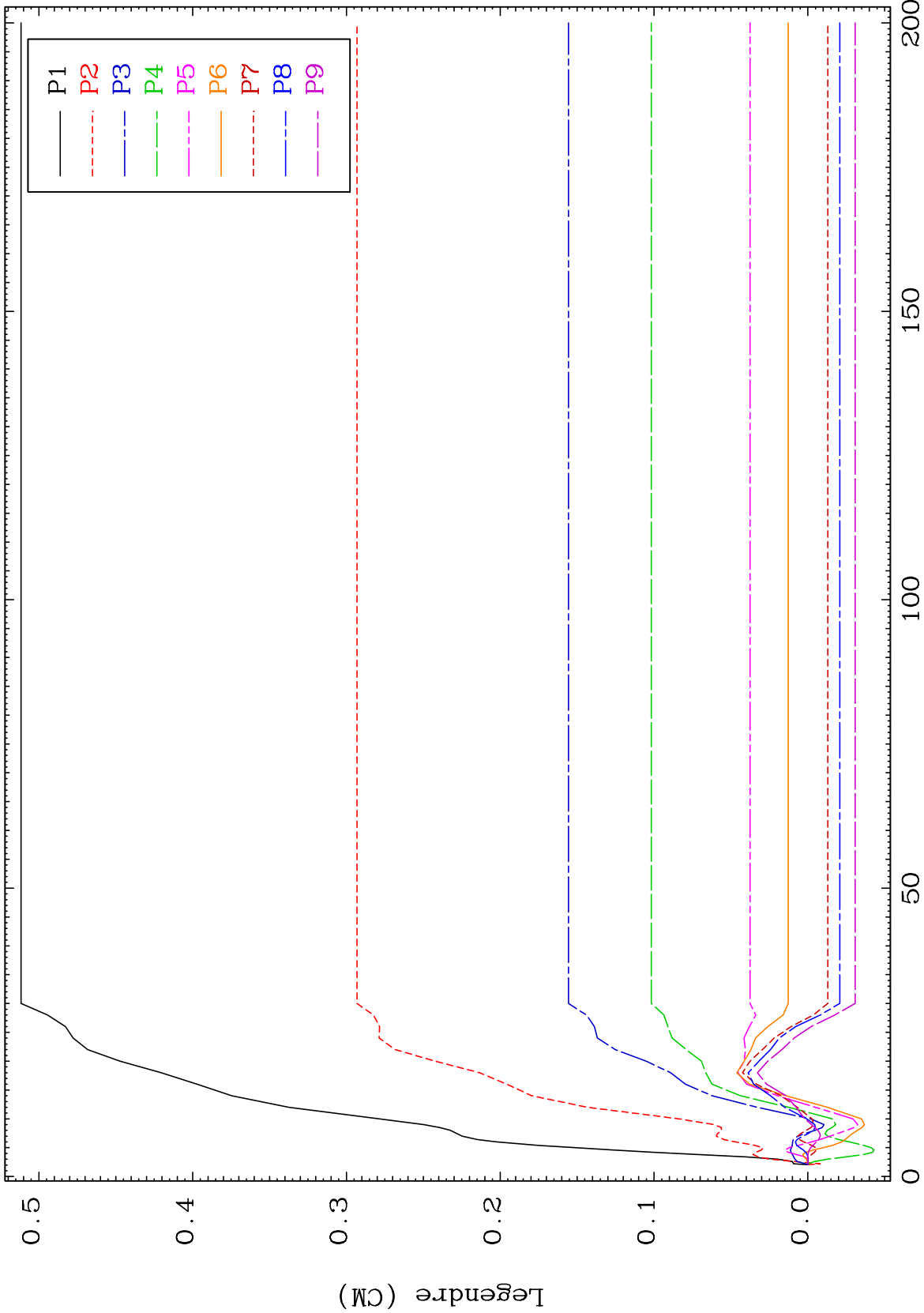
68-Er-151

MAT 6792

MT= 60 (n,n') Level

68-Er-151

Legendre Coefficients



56

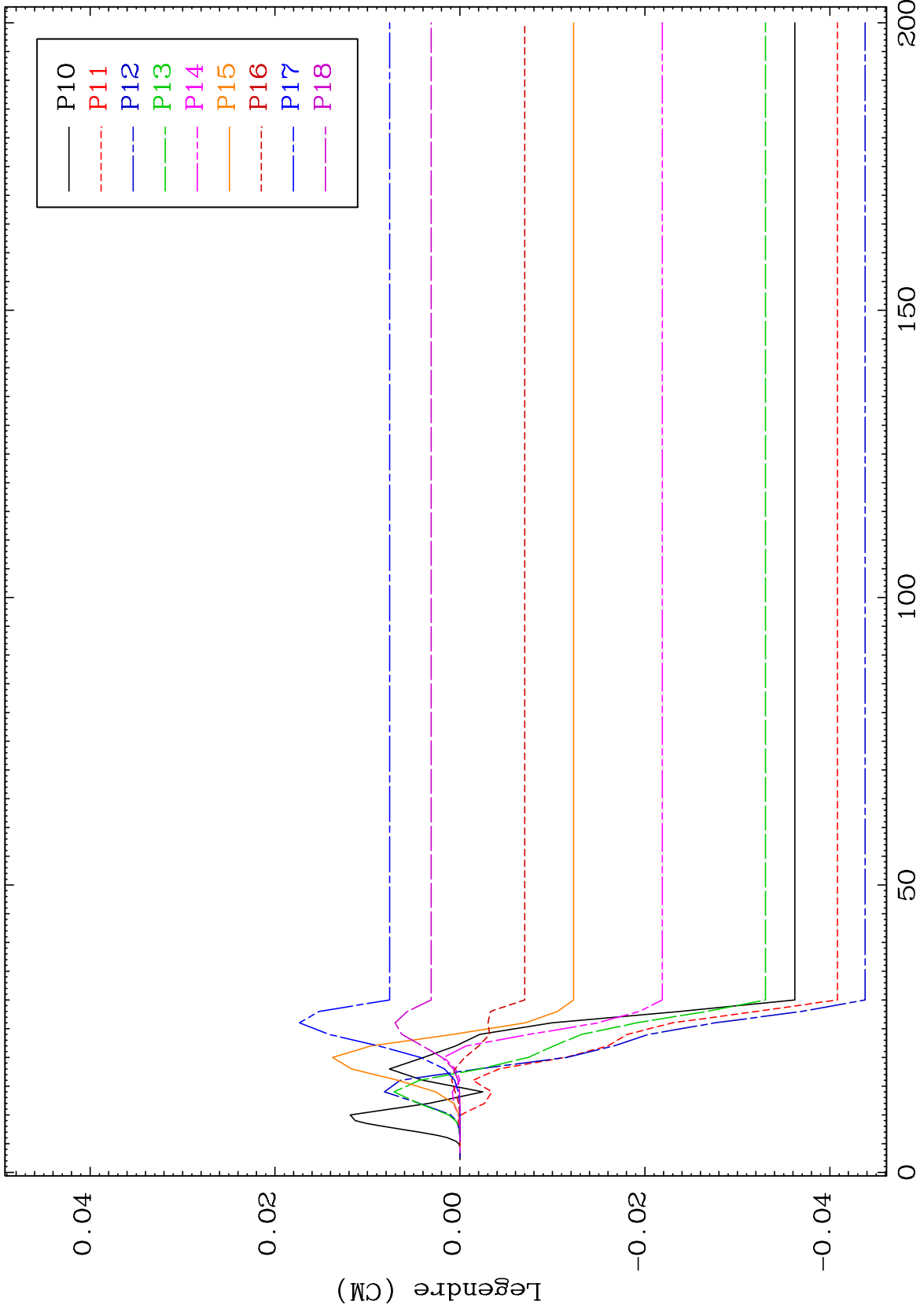
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



57

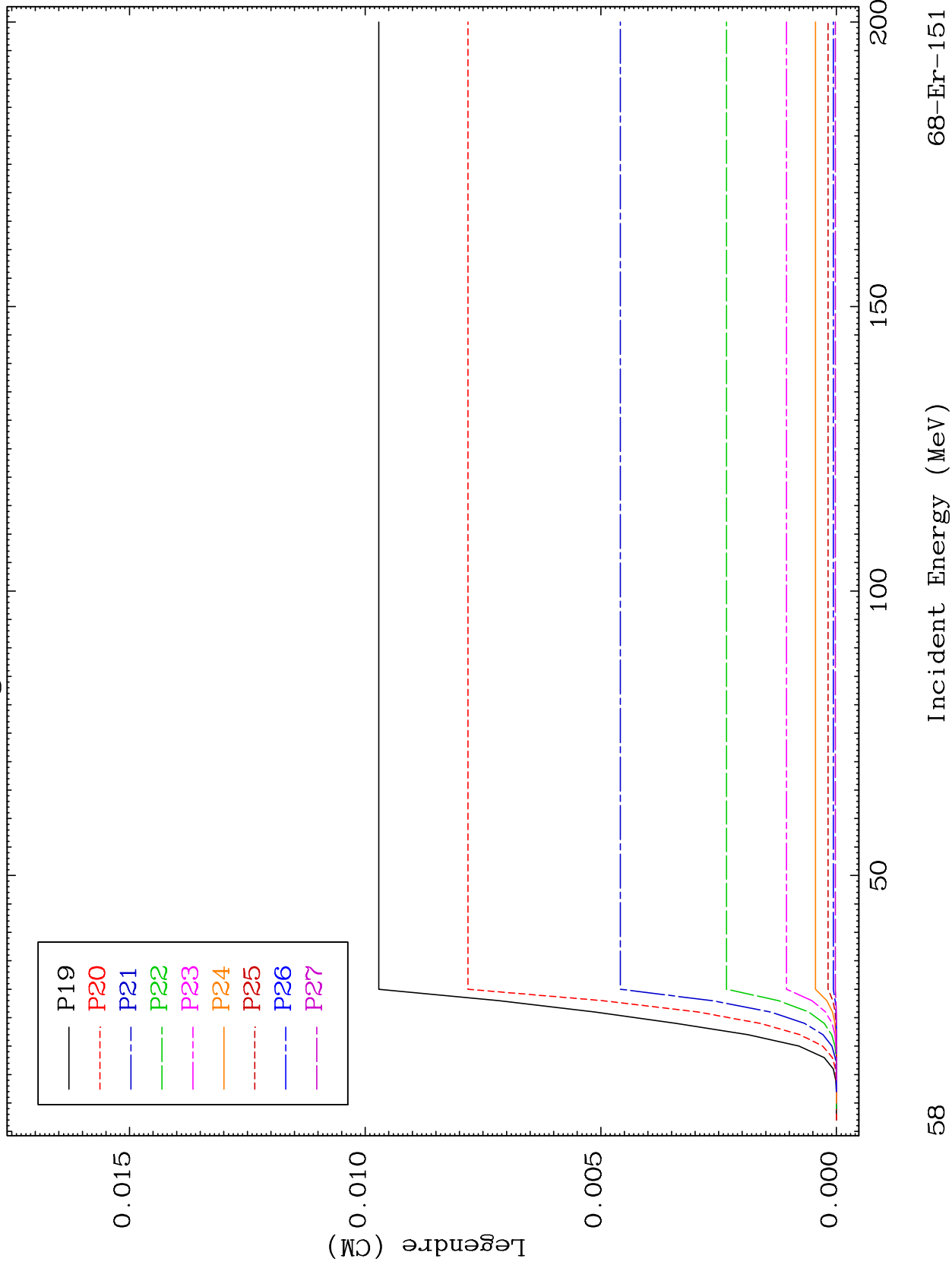
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



58

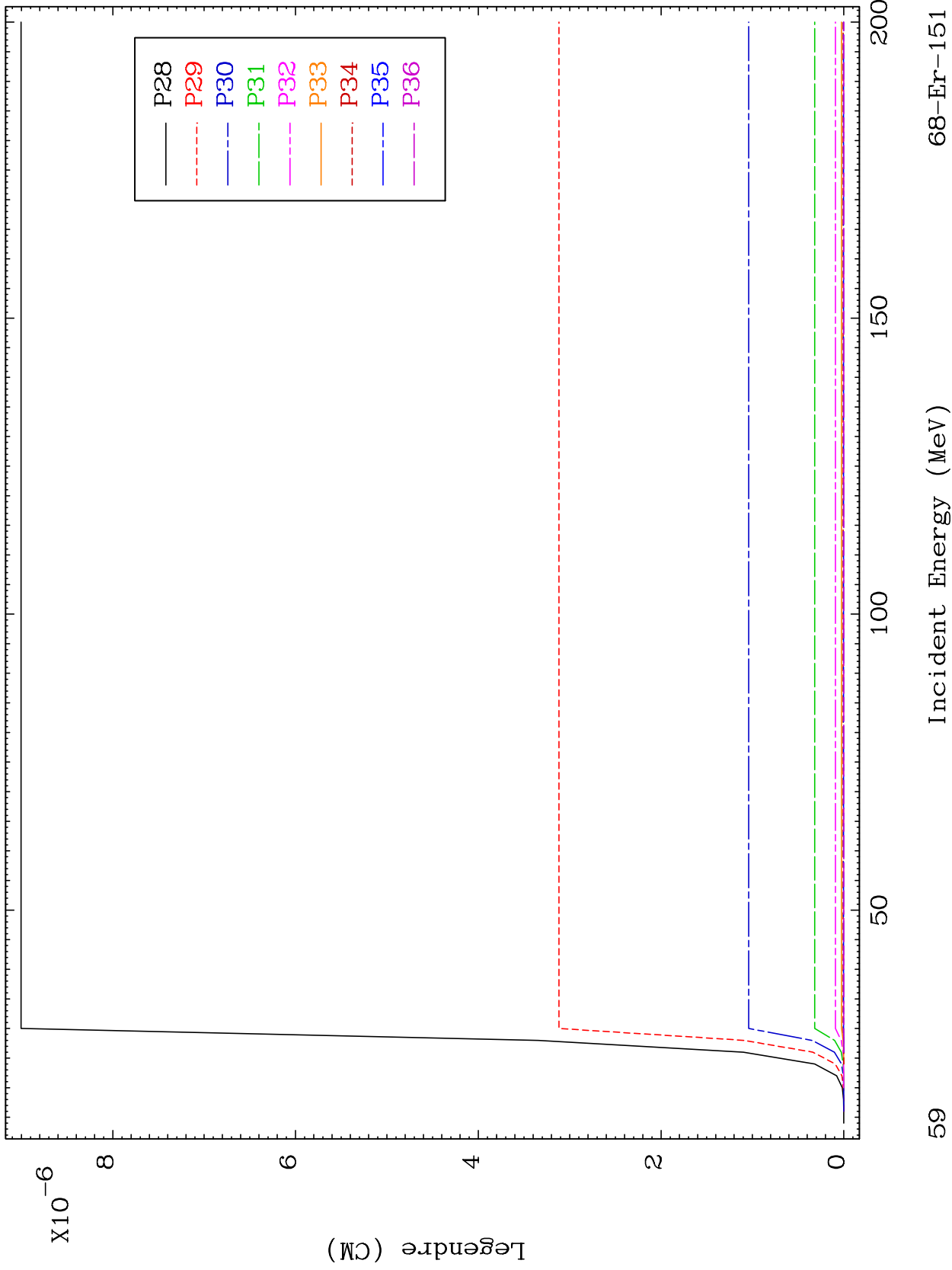
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



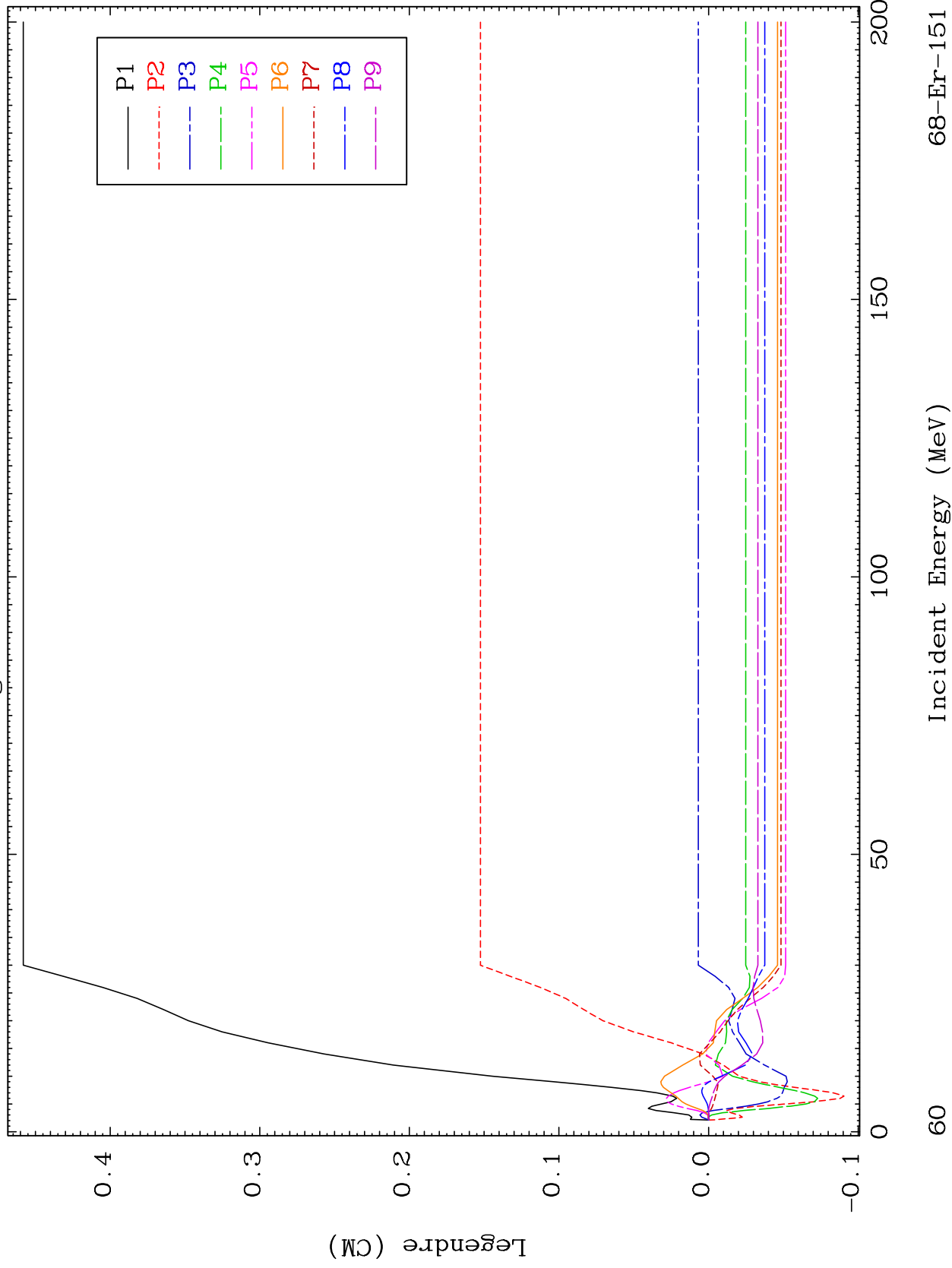
59

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

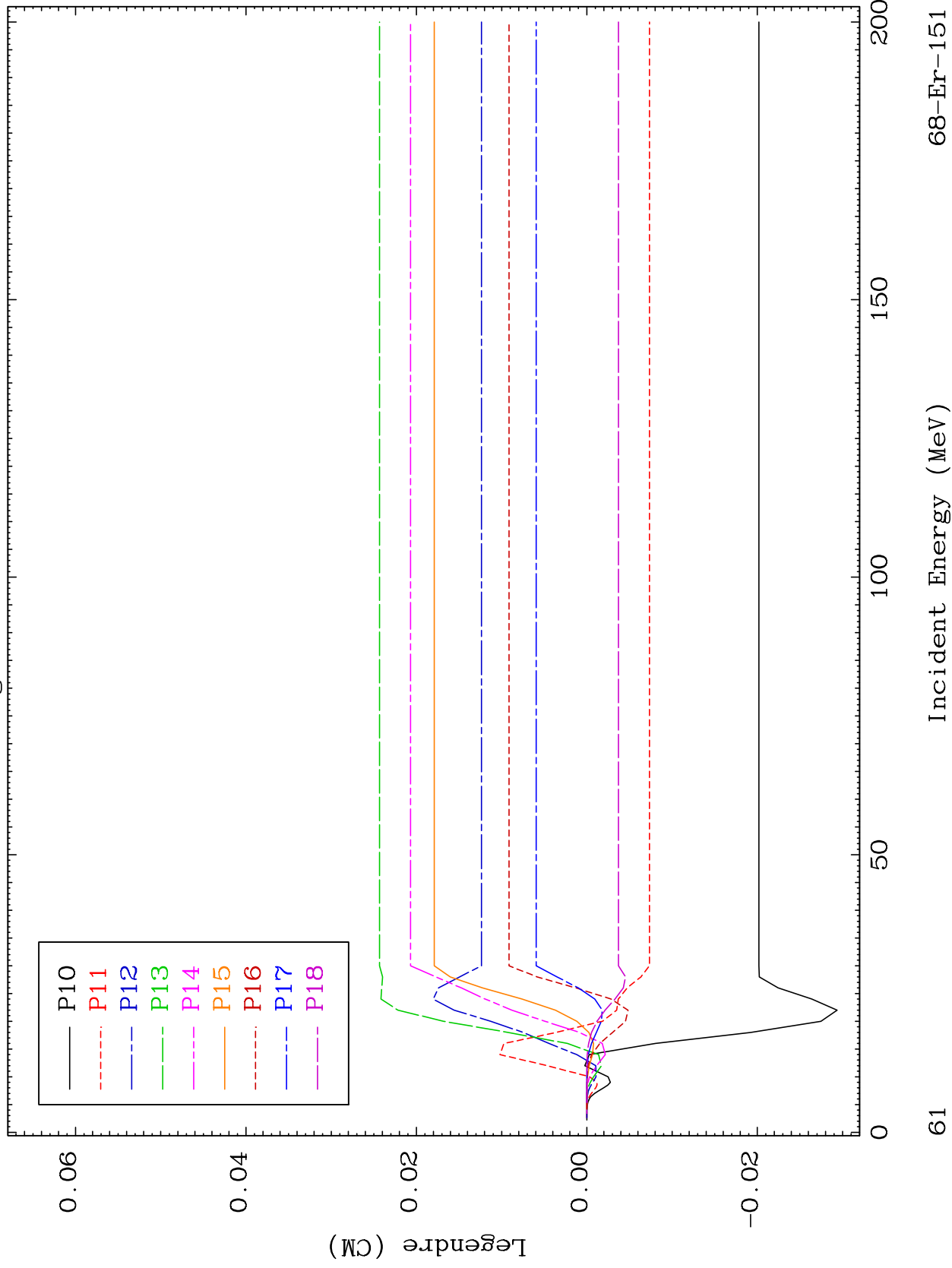
Incident Energy (MeV)

60

MAT 6792

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

68-Er-151



61

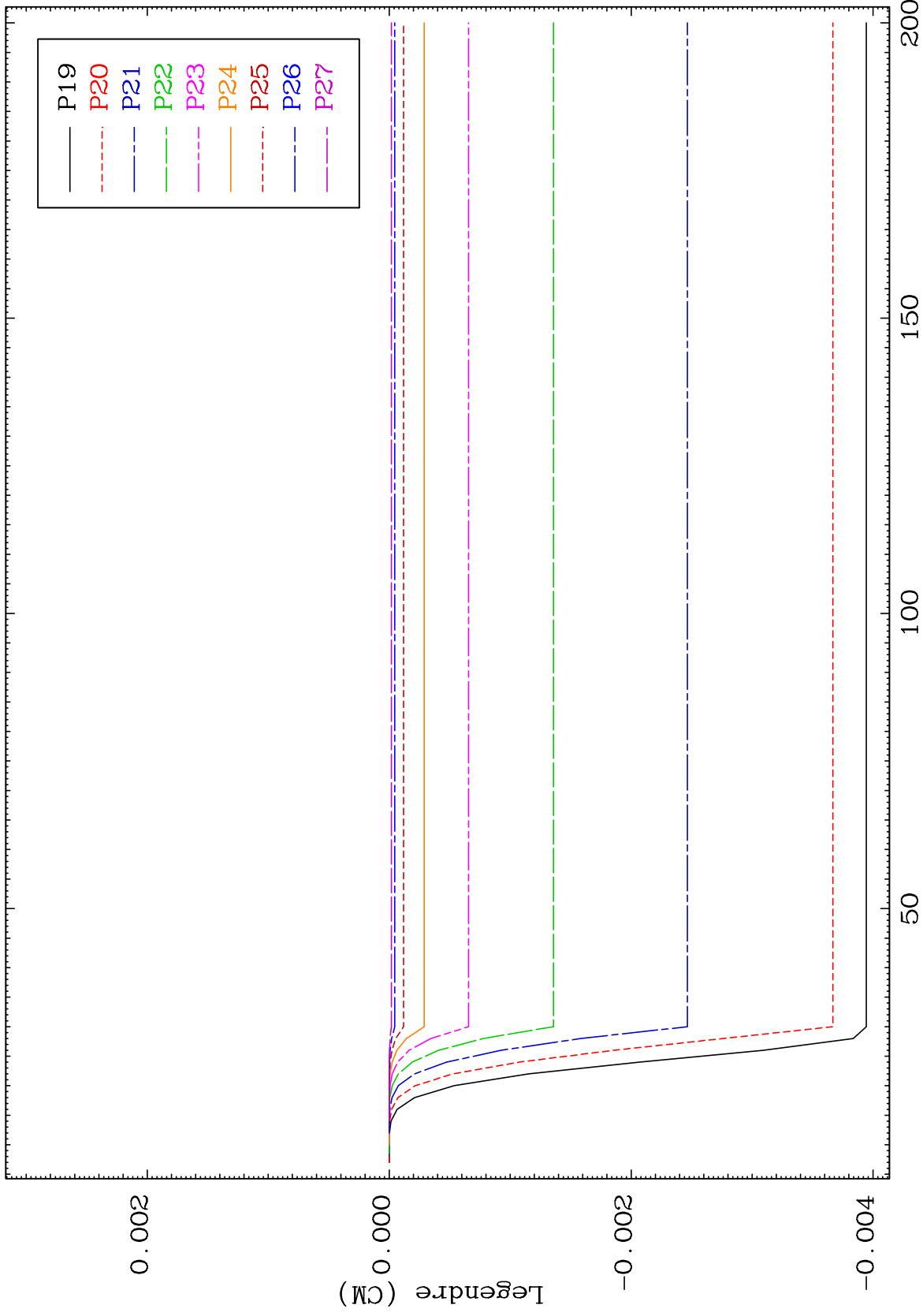
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



62

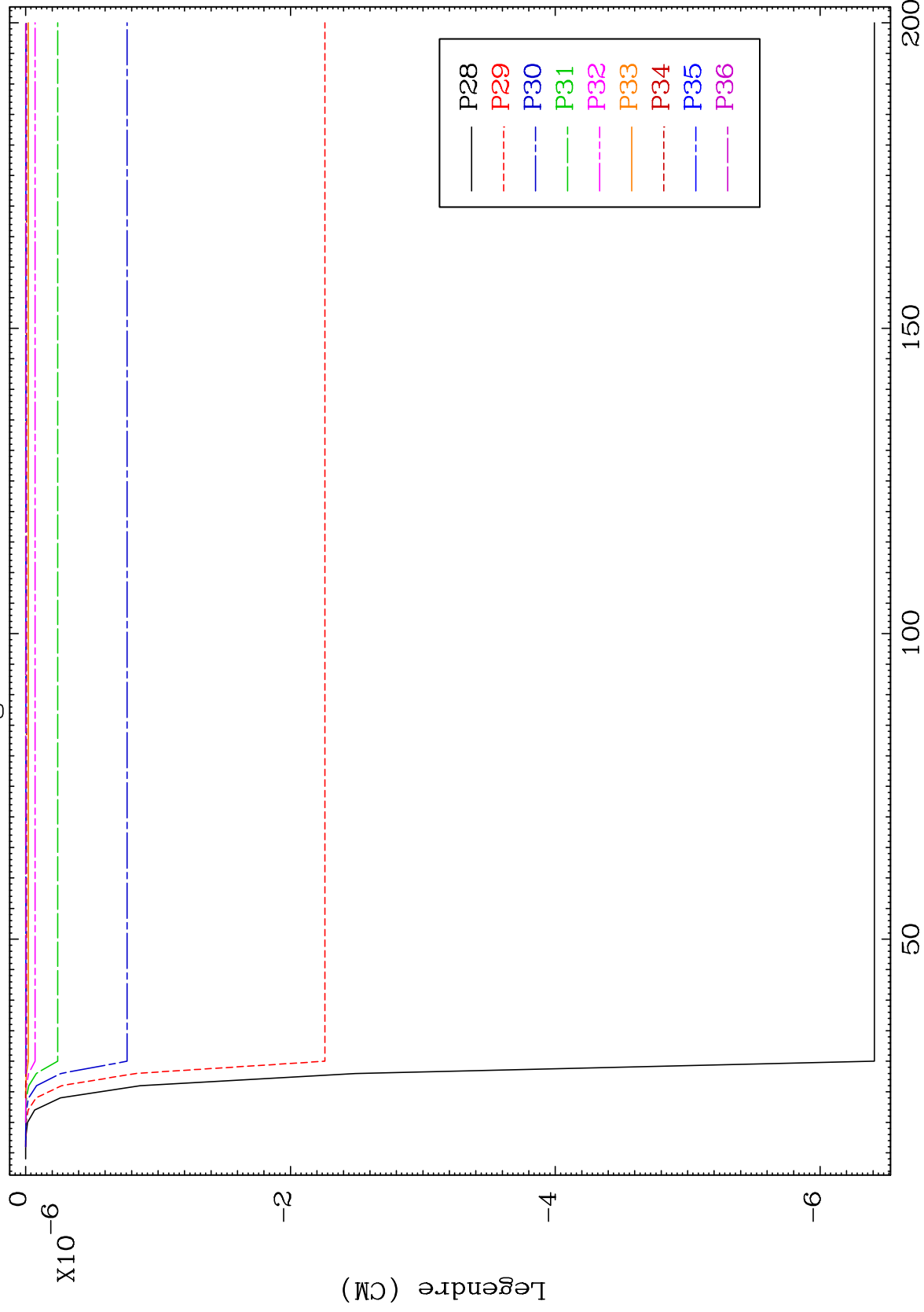
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



63

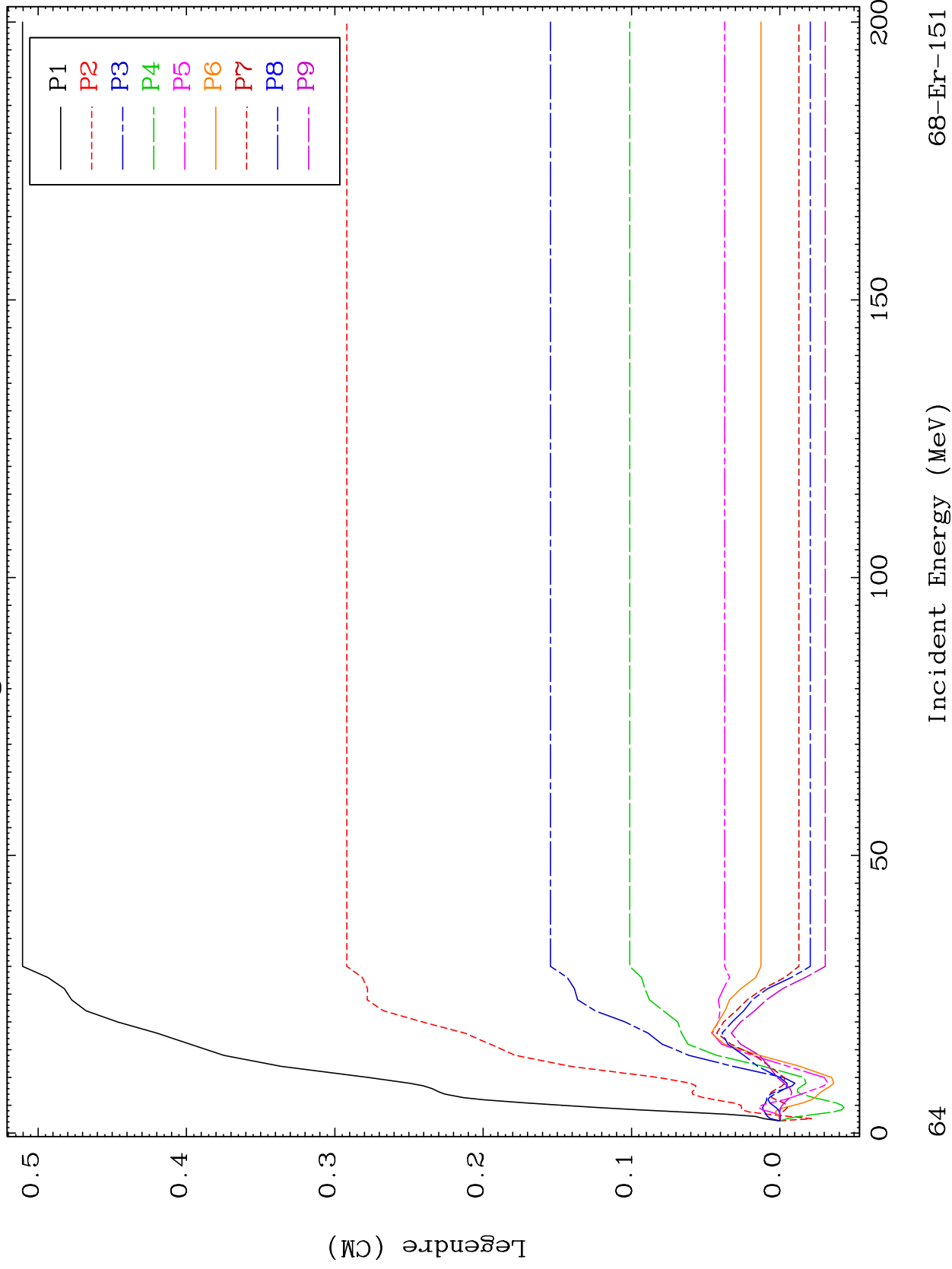
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

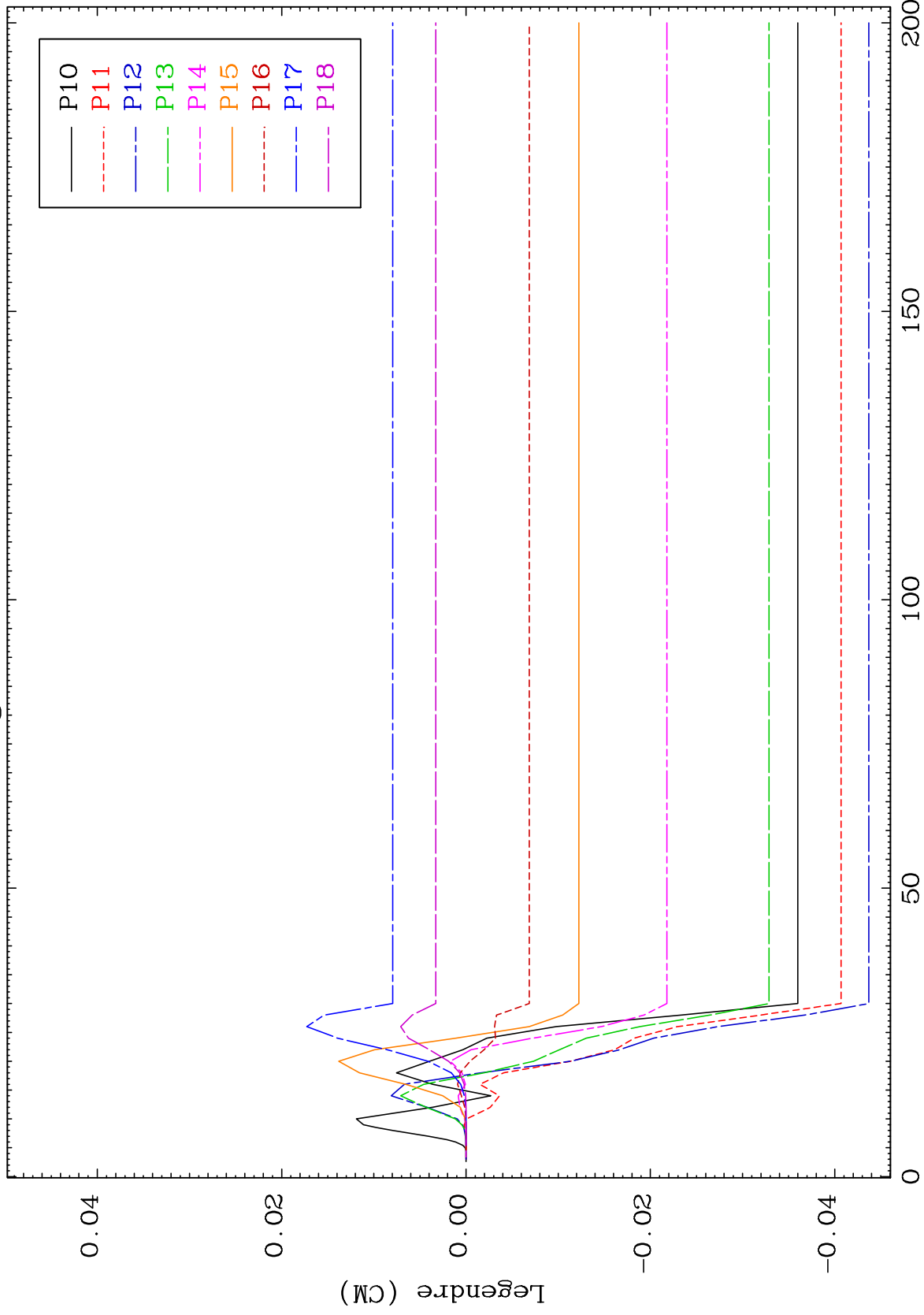
Incident Energy (MeV)

64

MAT 6792

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

68-Er-151



65

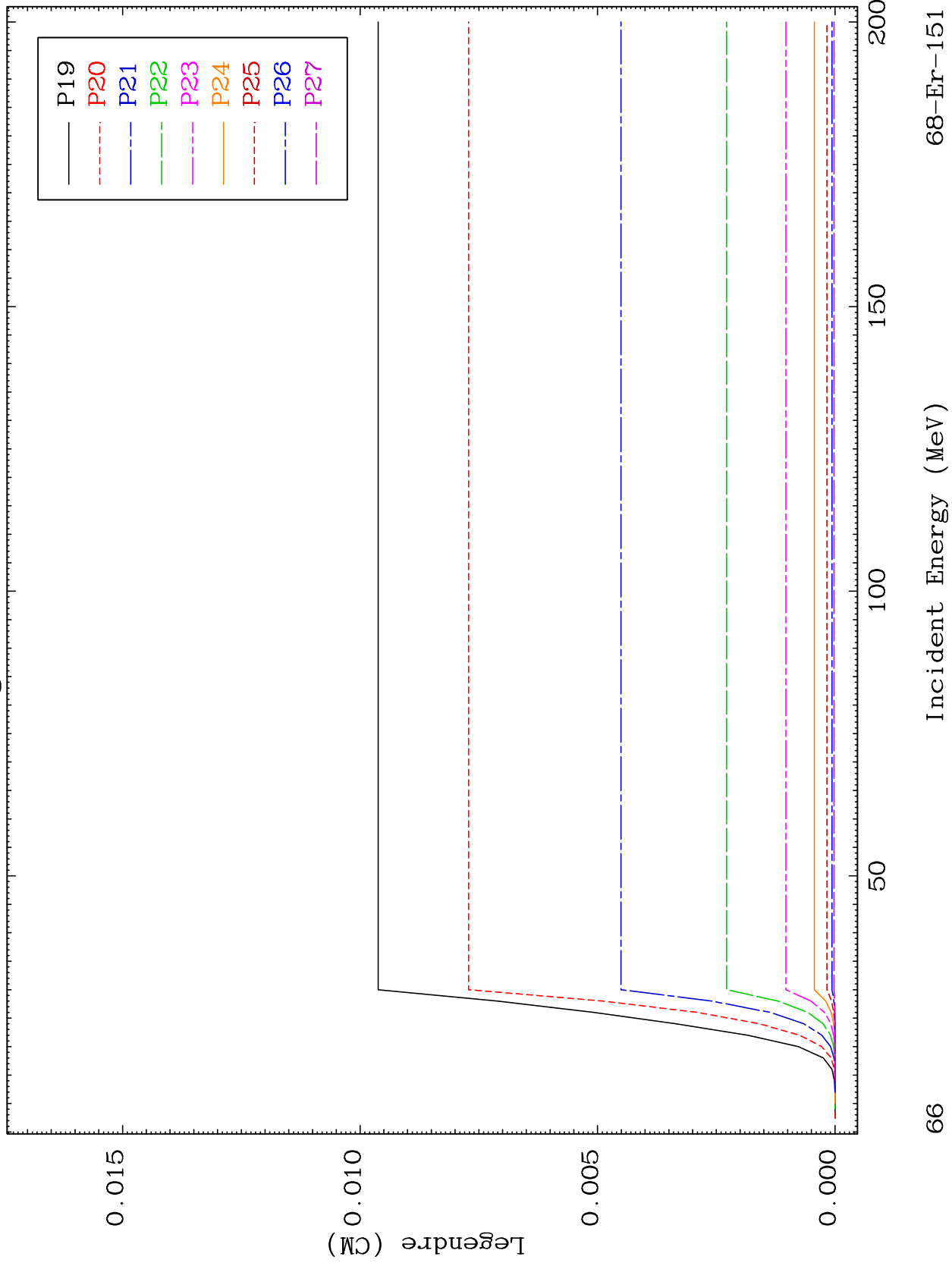
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

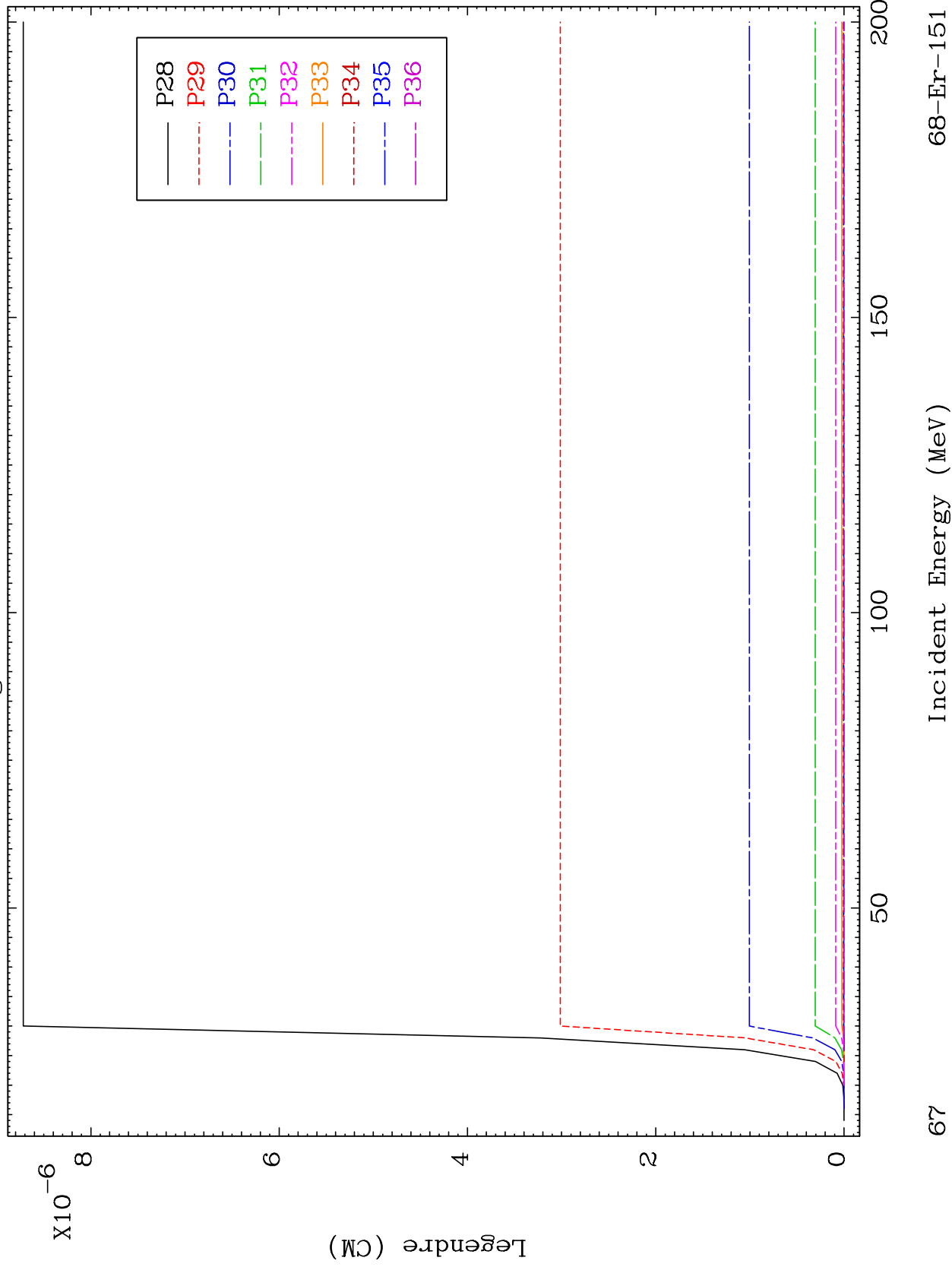
Incident Energy (MeV)

66

MAT 6792

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

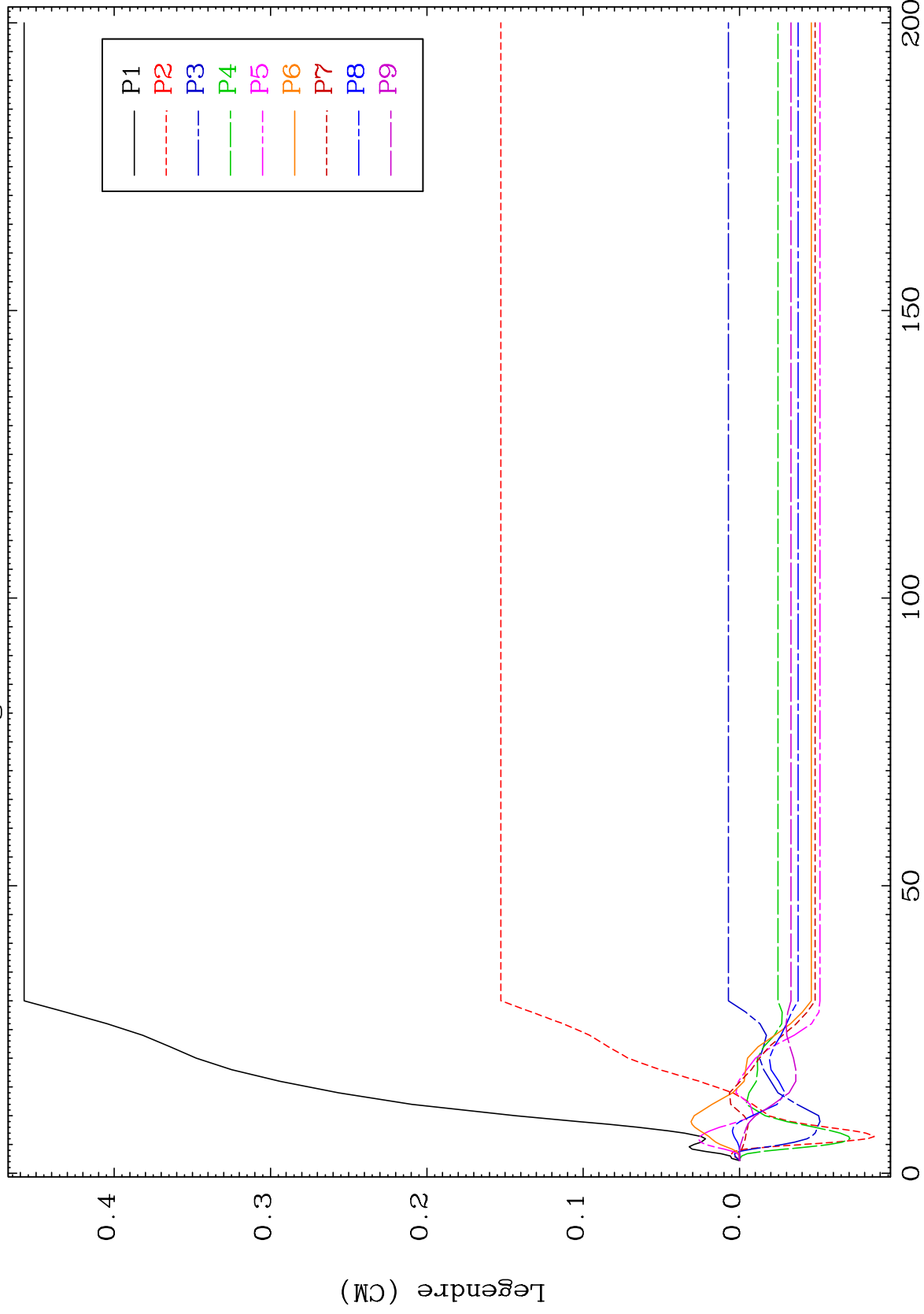
68-Er-151



MAT 6792

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

68-Er-151



68

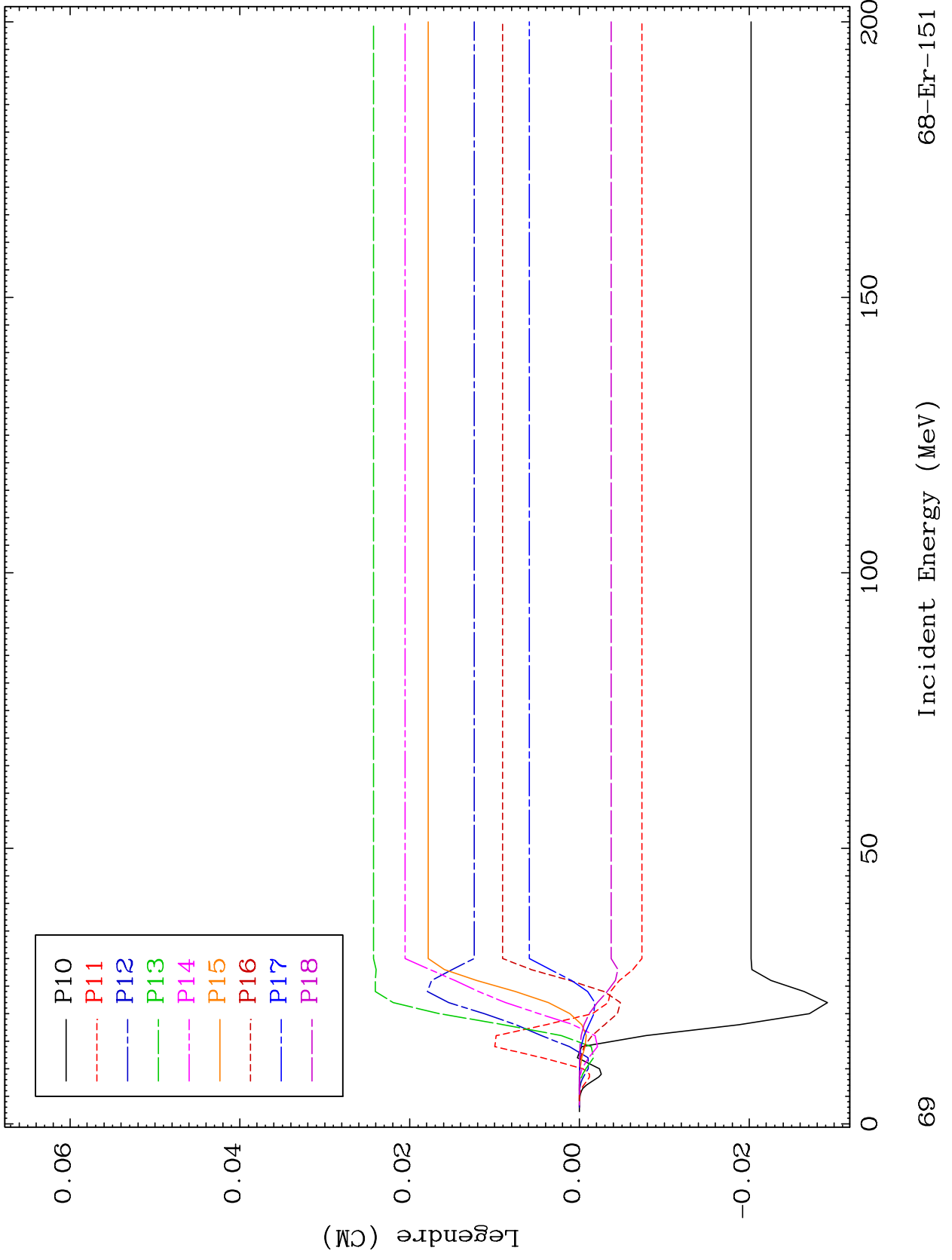
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



69

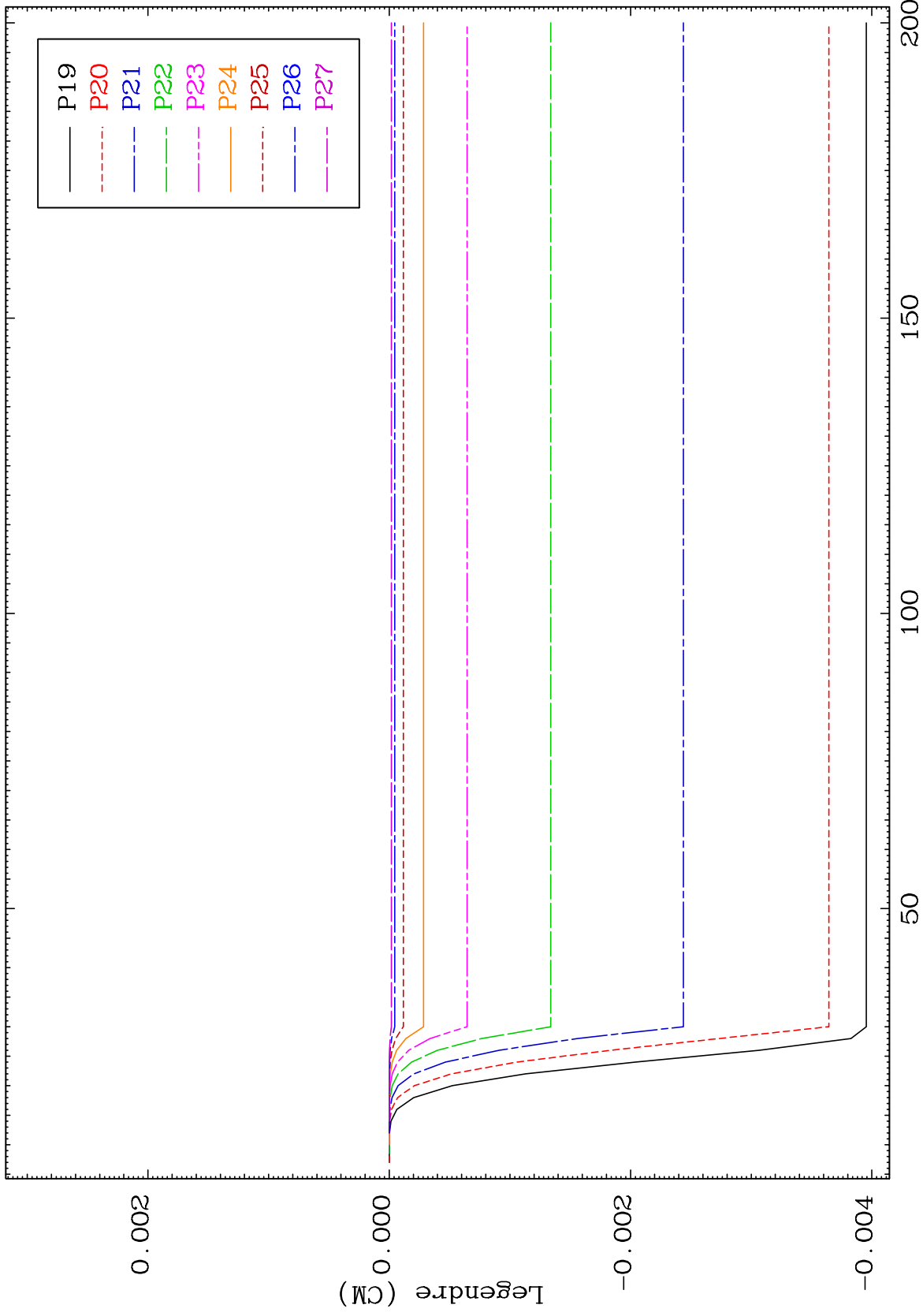
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



70

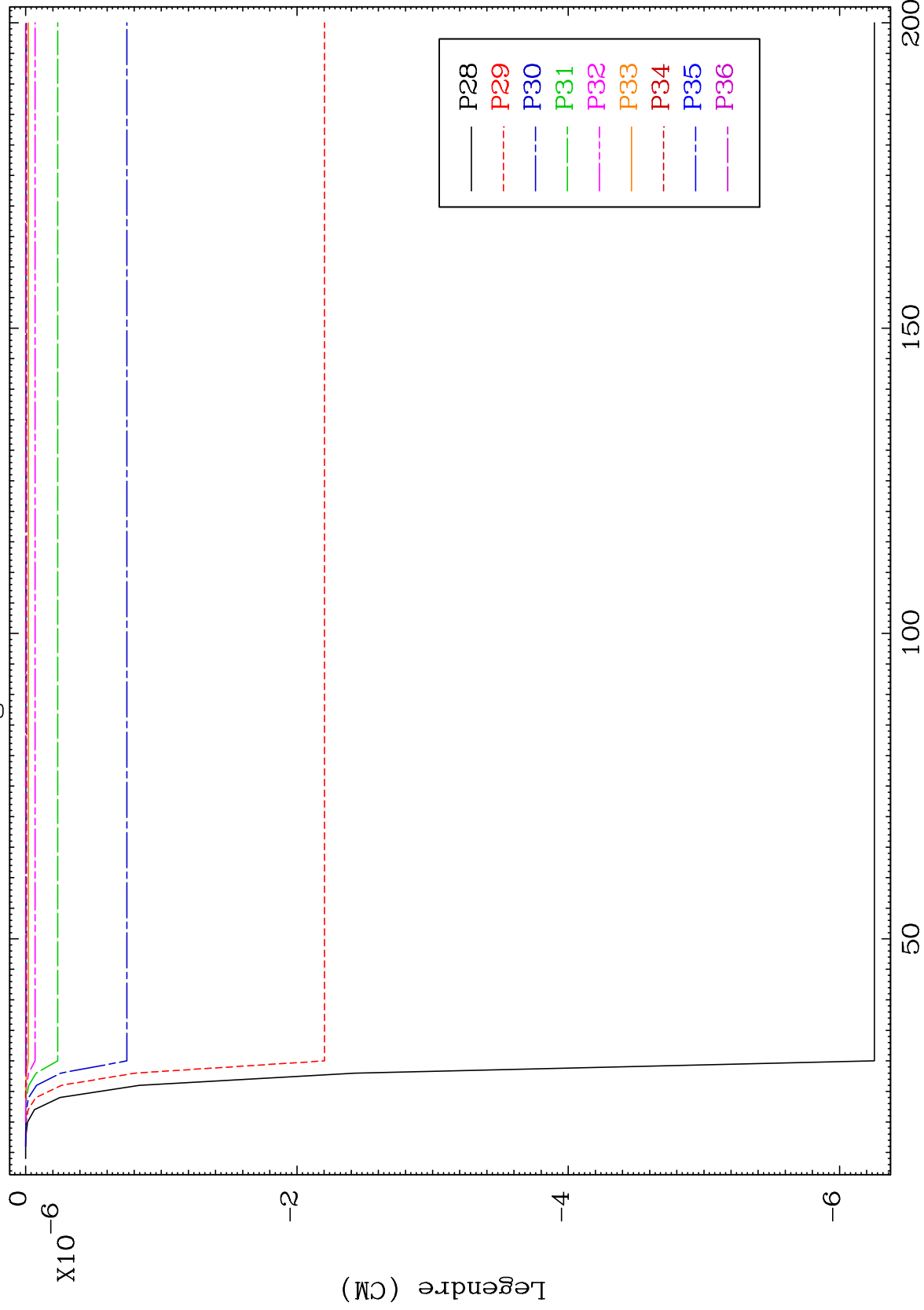
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



71

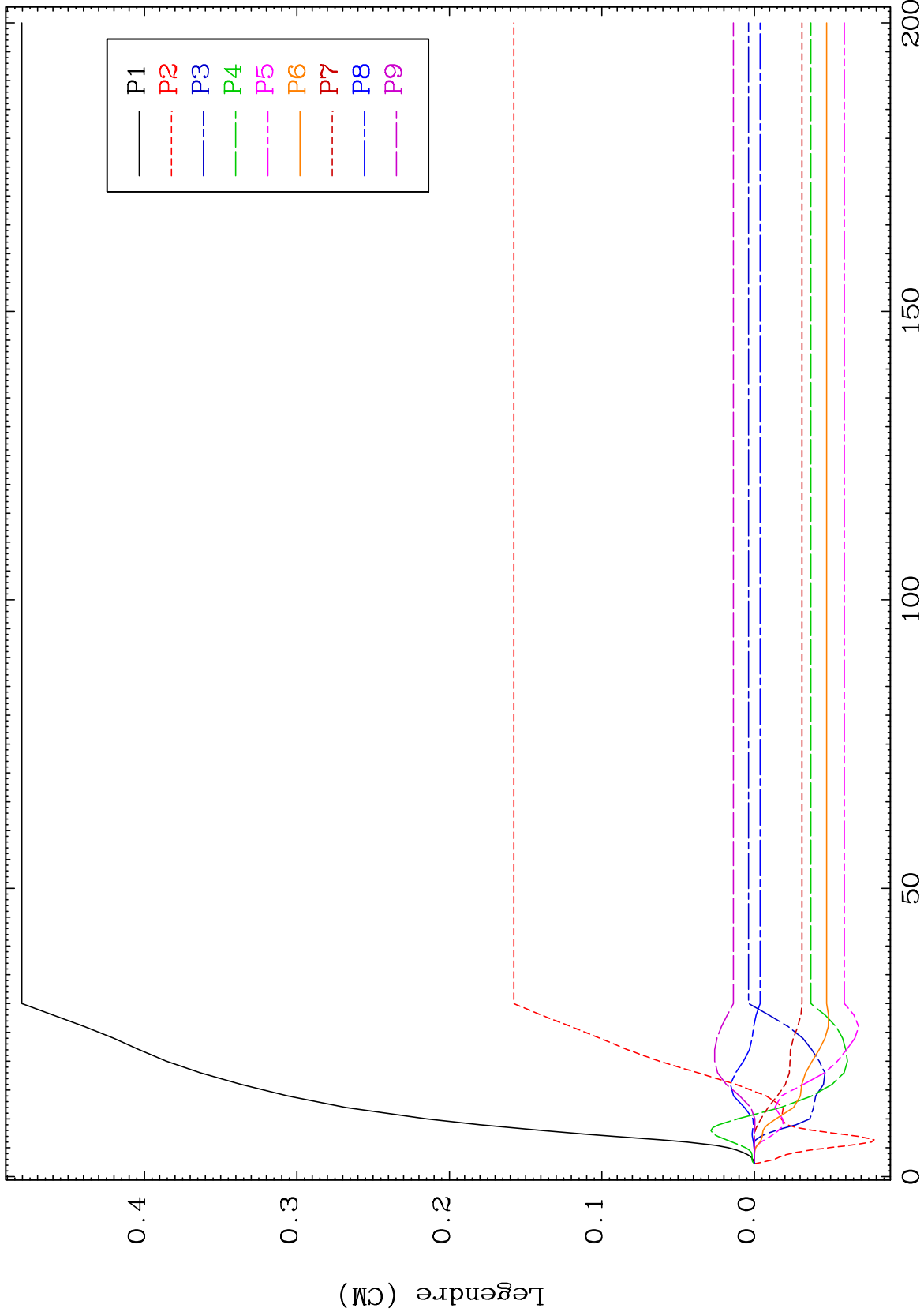
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



72

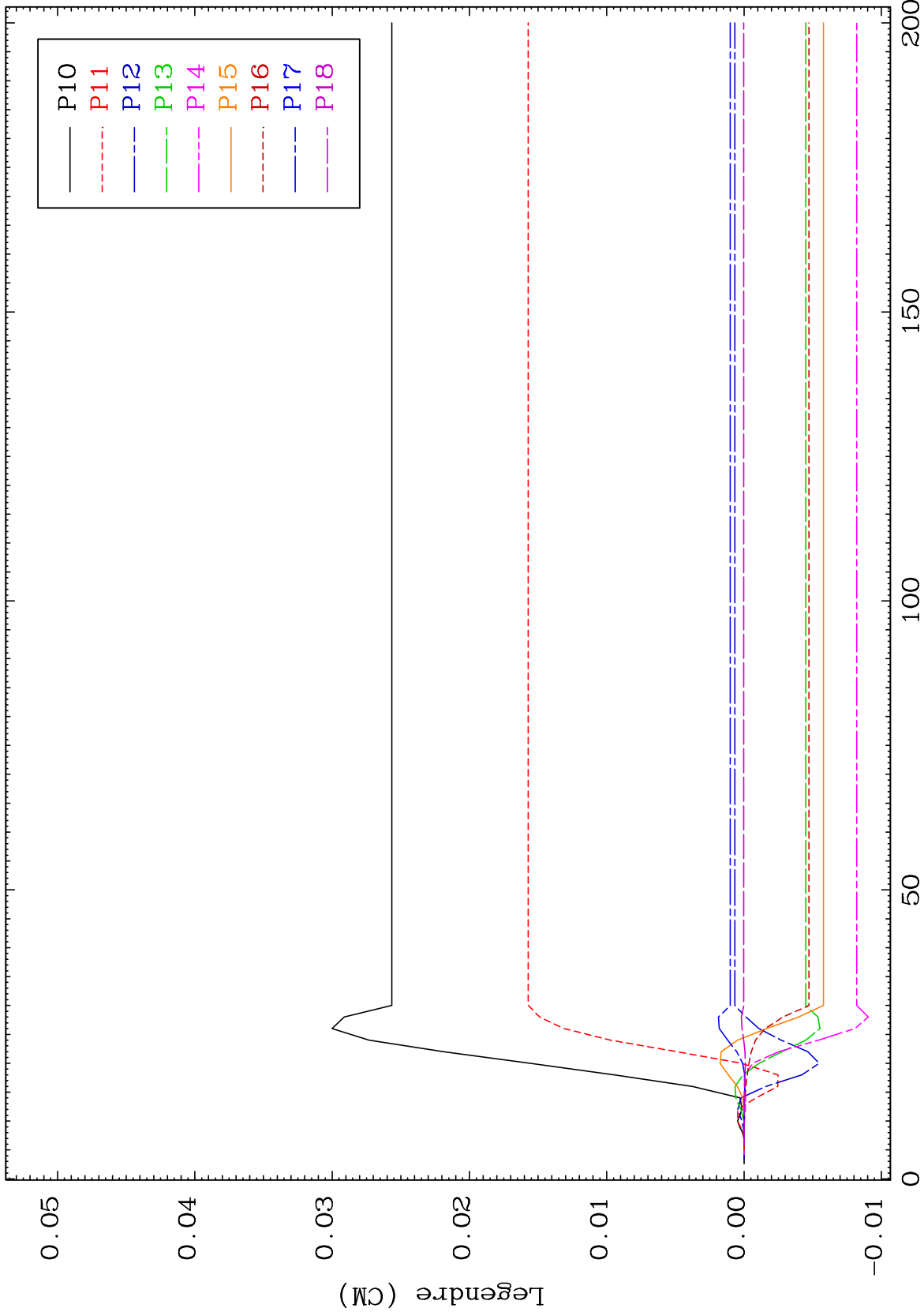
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



73

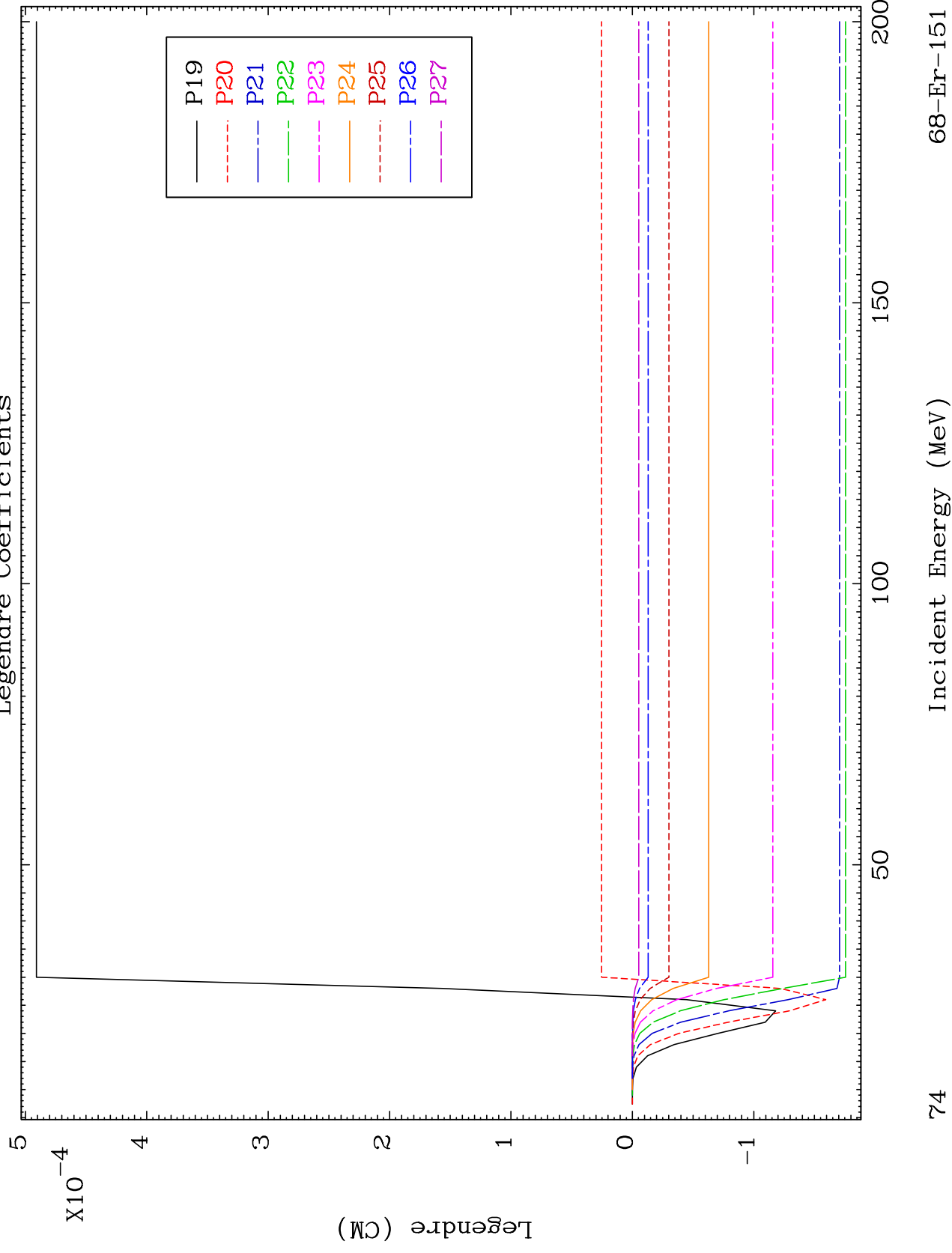
Incident Energy (MeV)

68-Er-151

MAT 6792

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

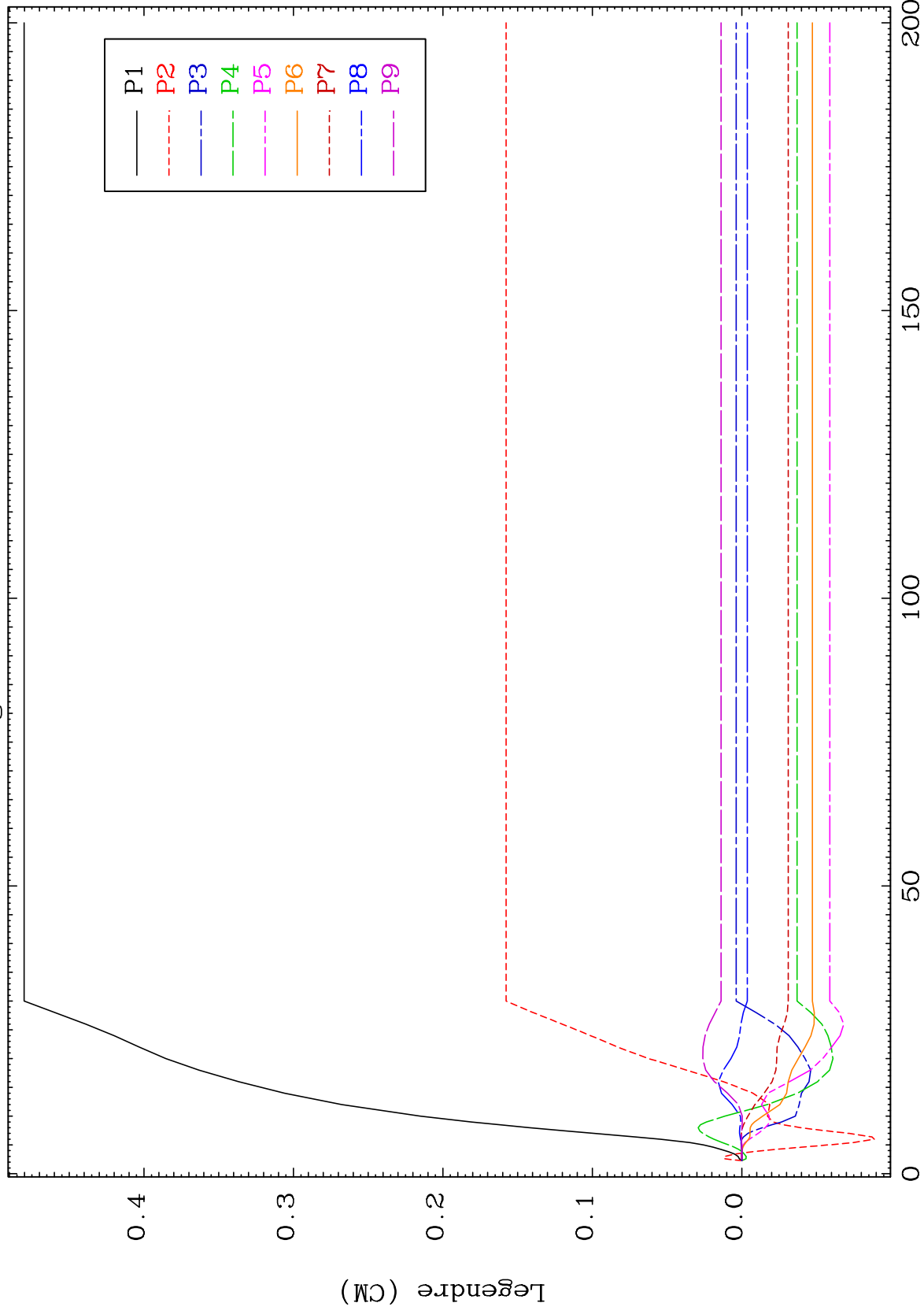
68-Er-151



MAT 6792

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

68-Er-151



76

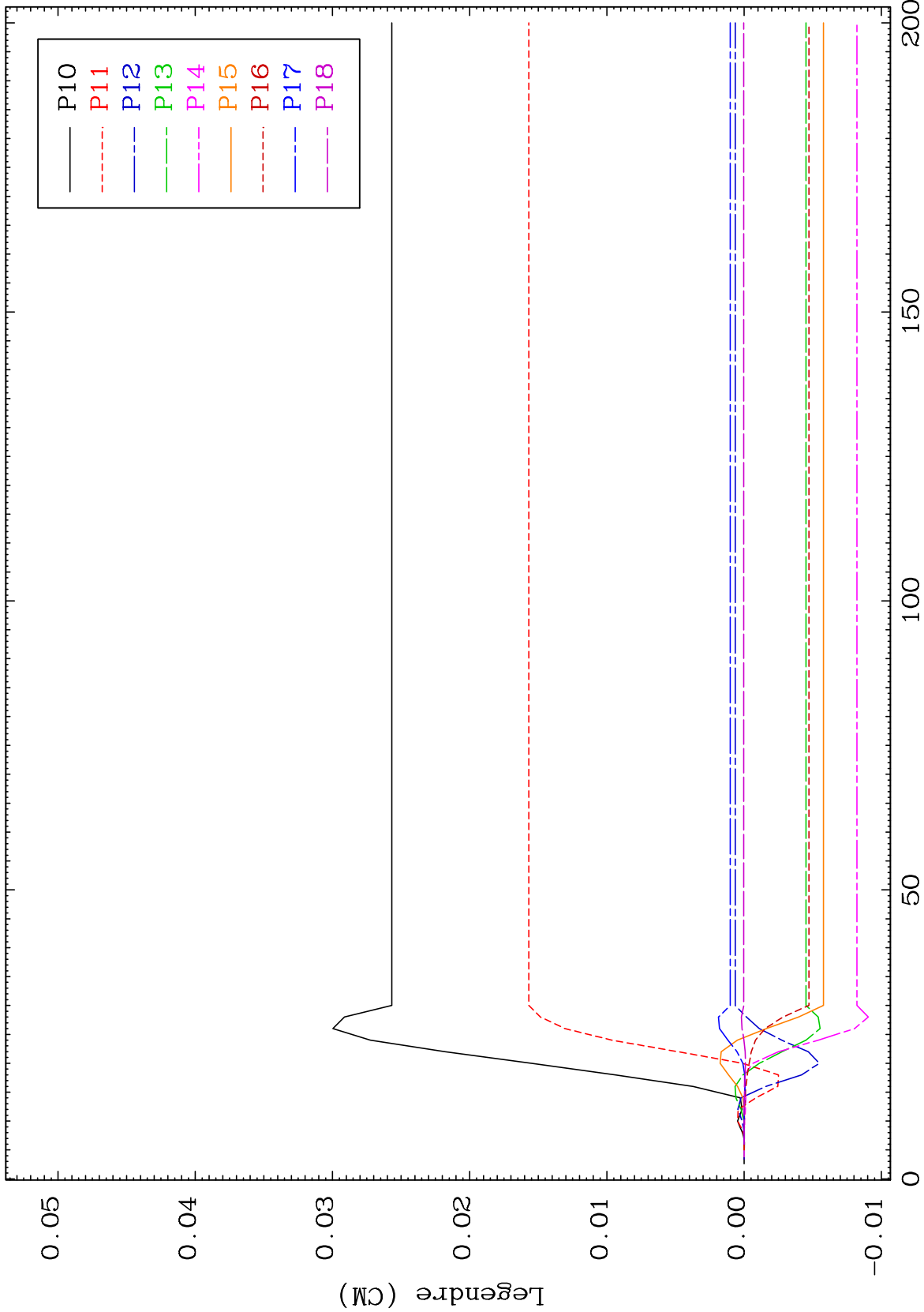
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



77

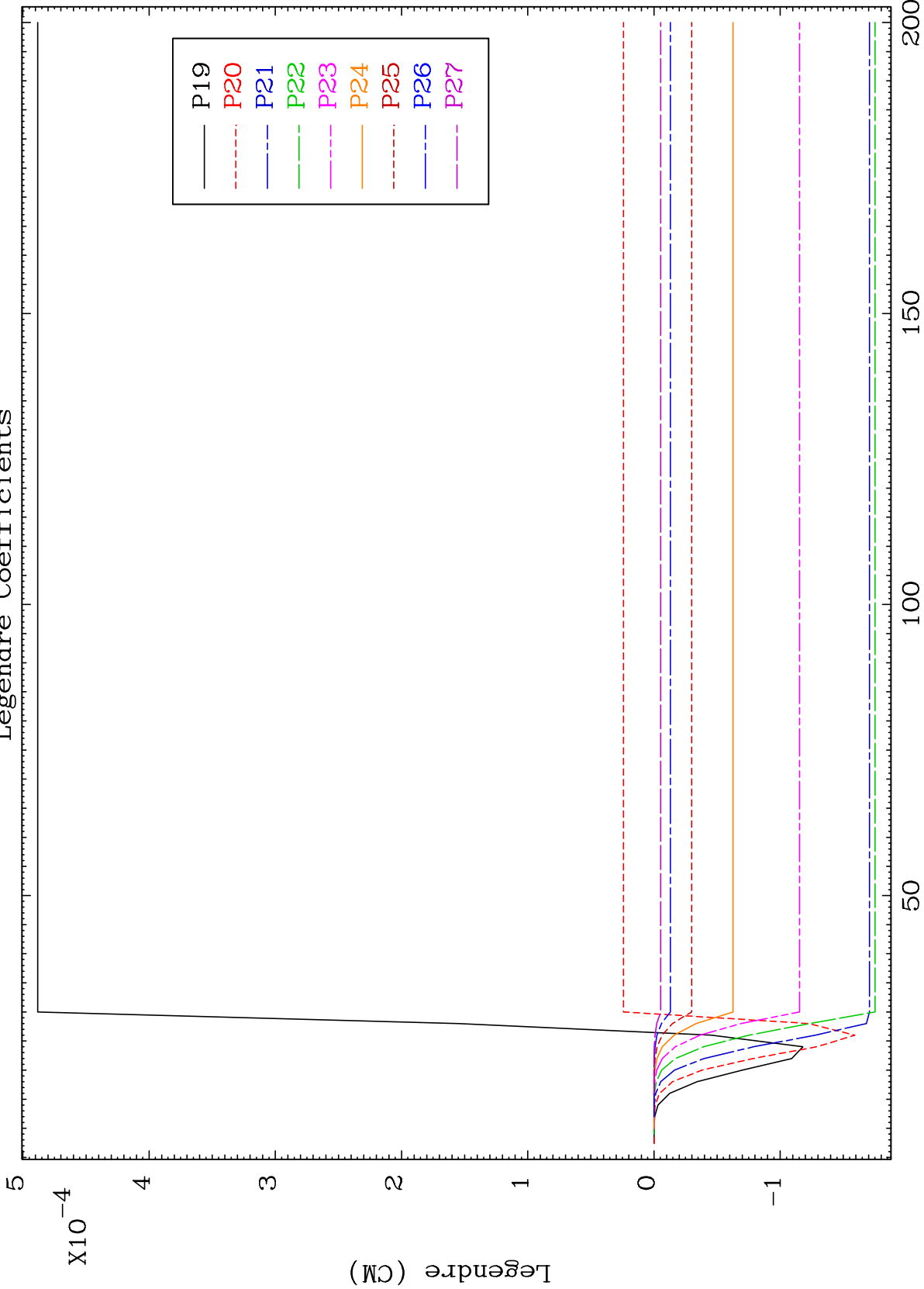
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



78

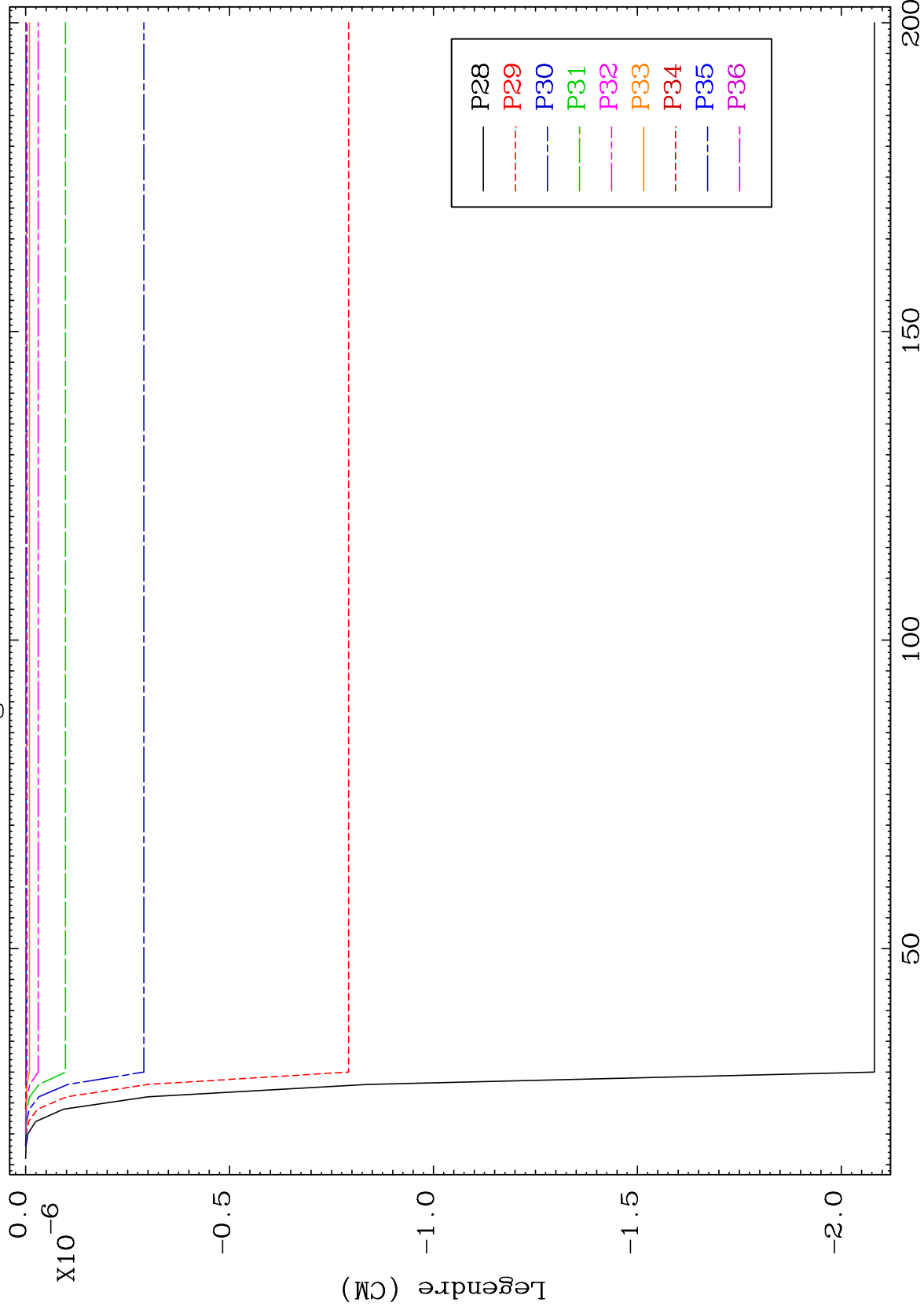
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



79

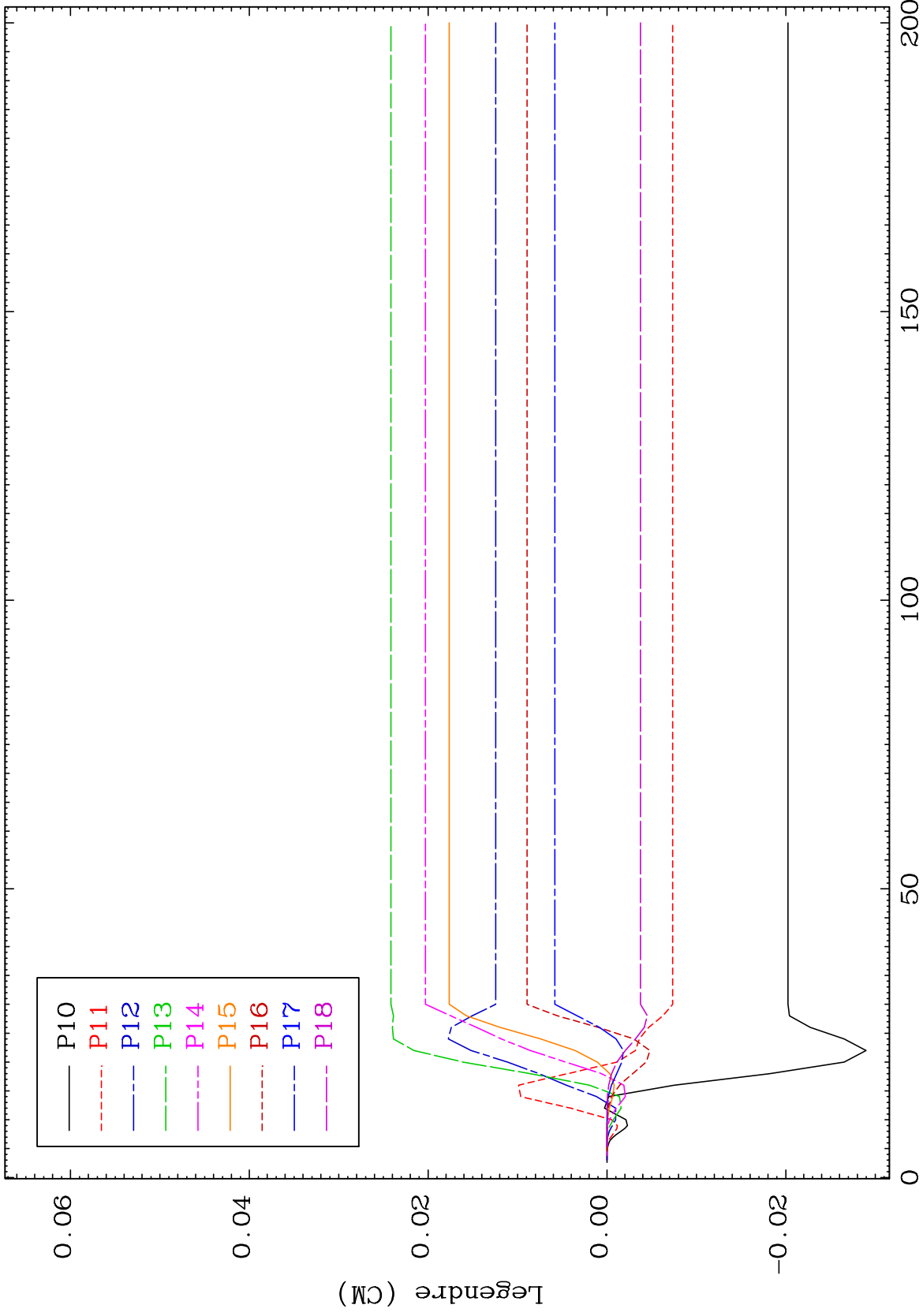
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



81

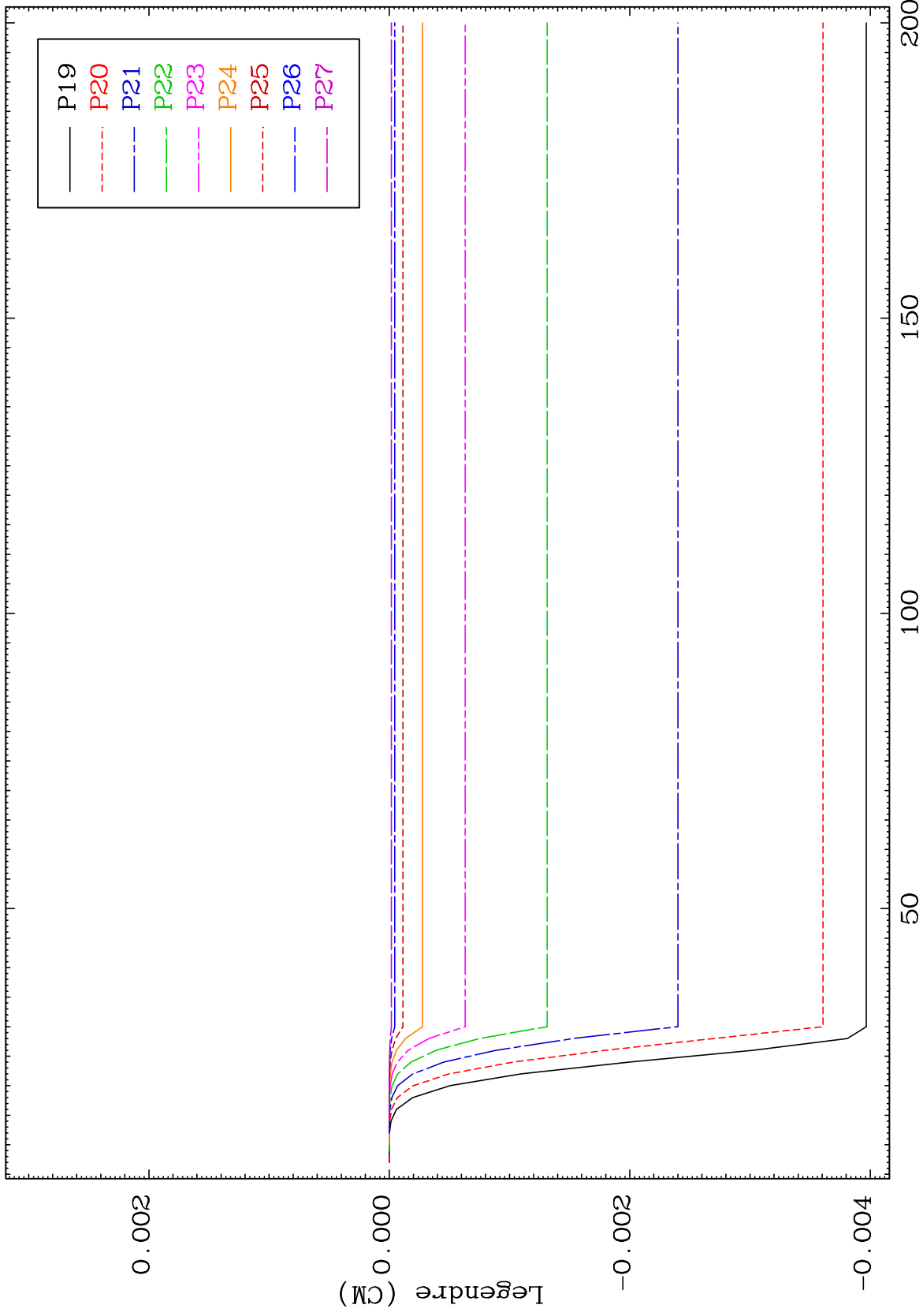
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



82

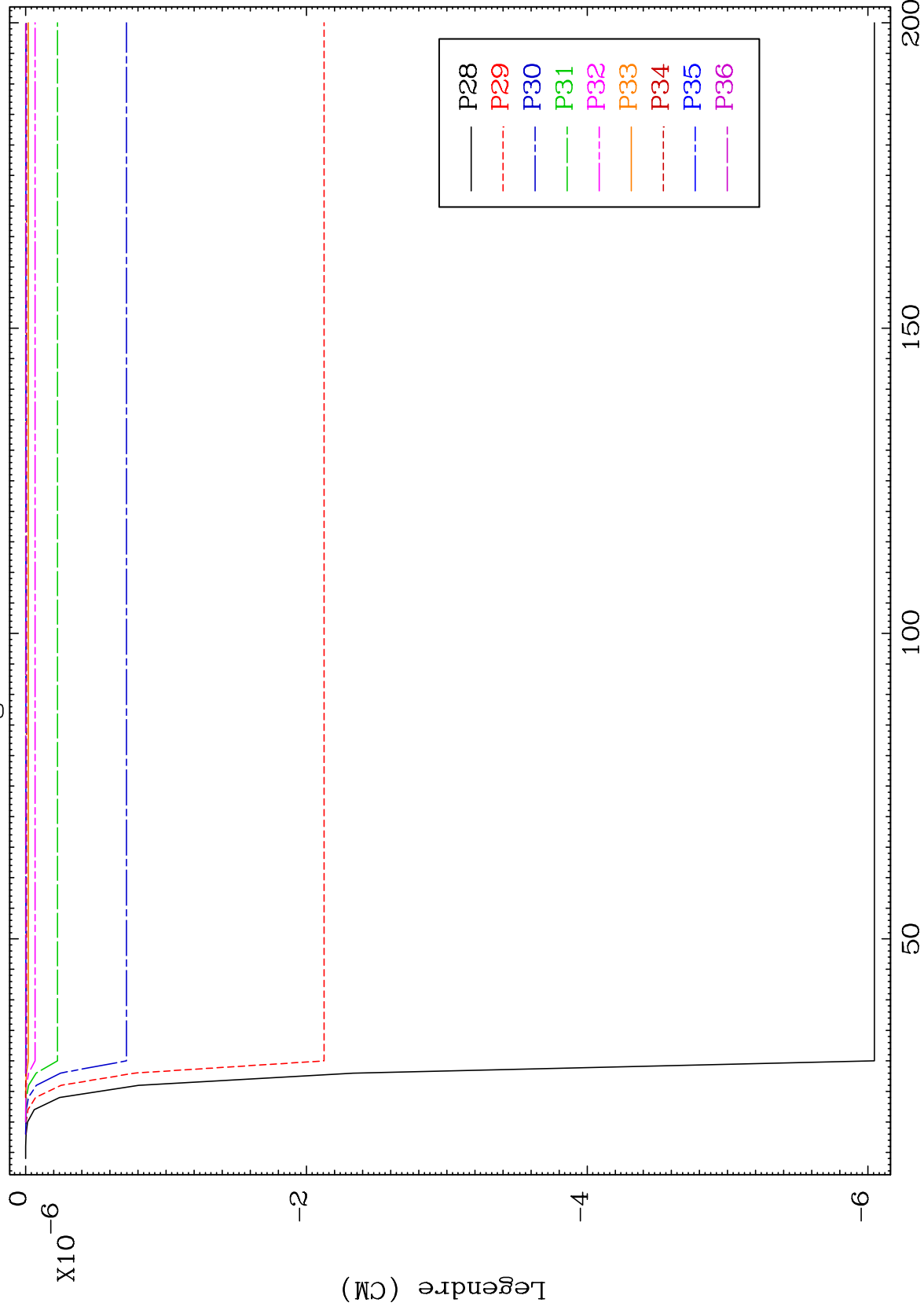
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



83

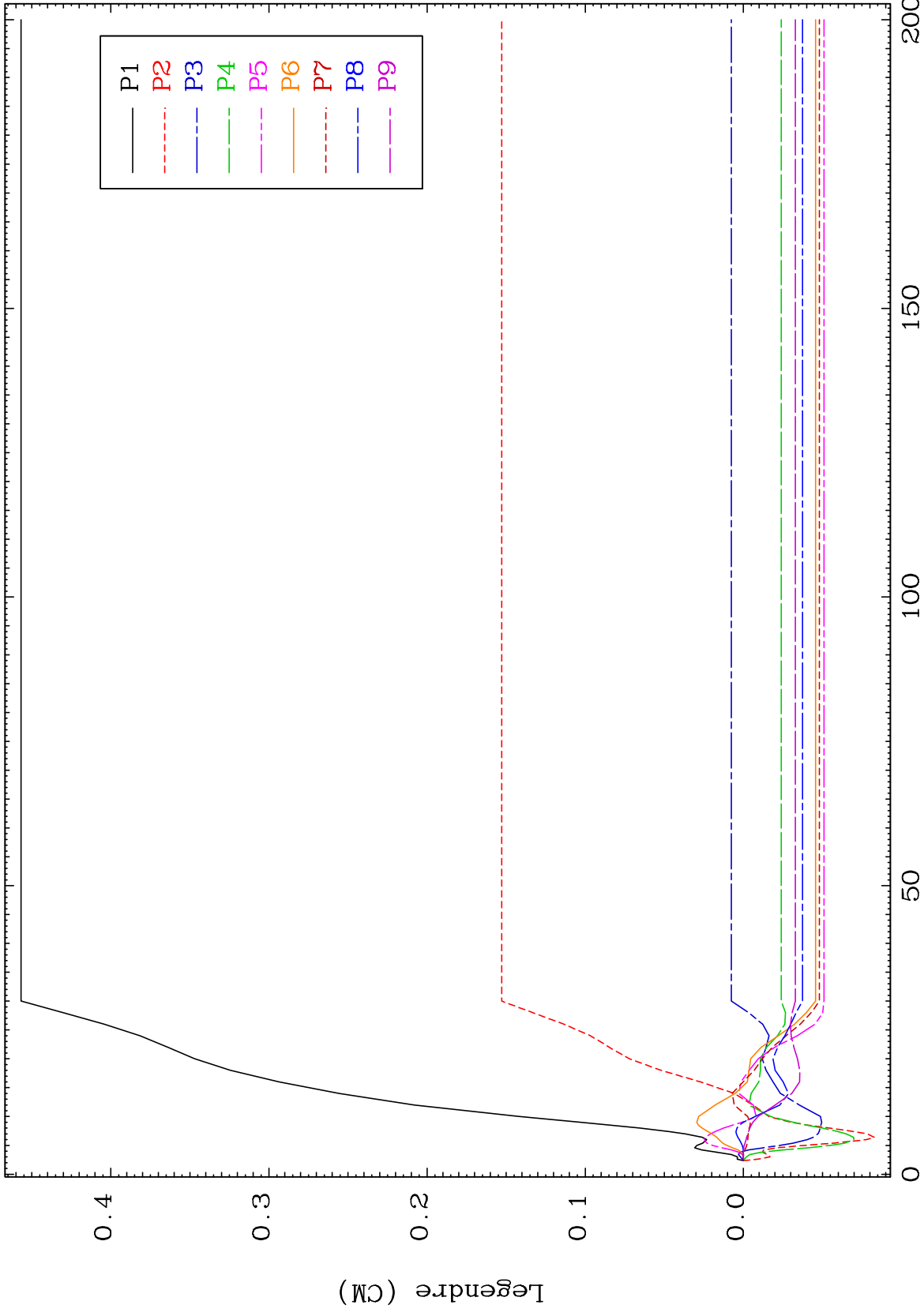
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



84

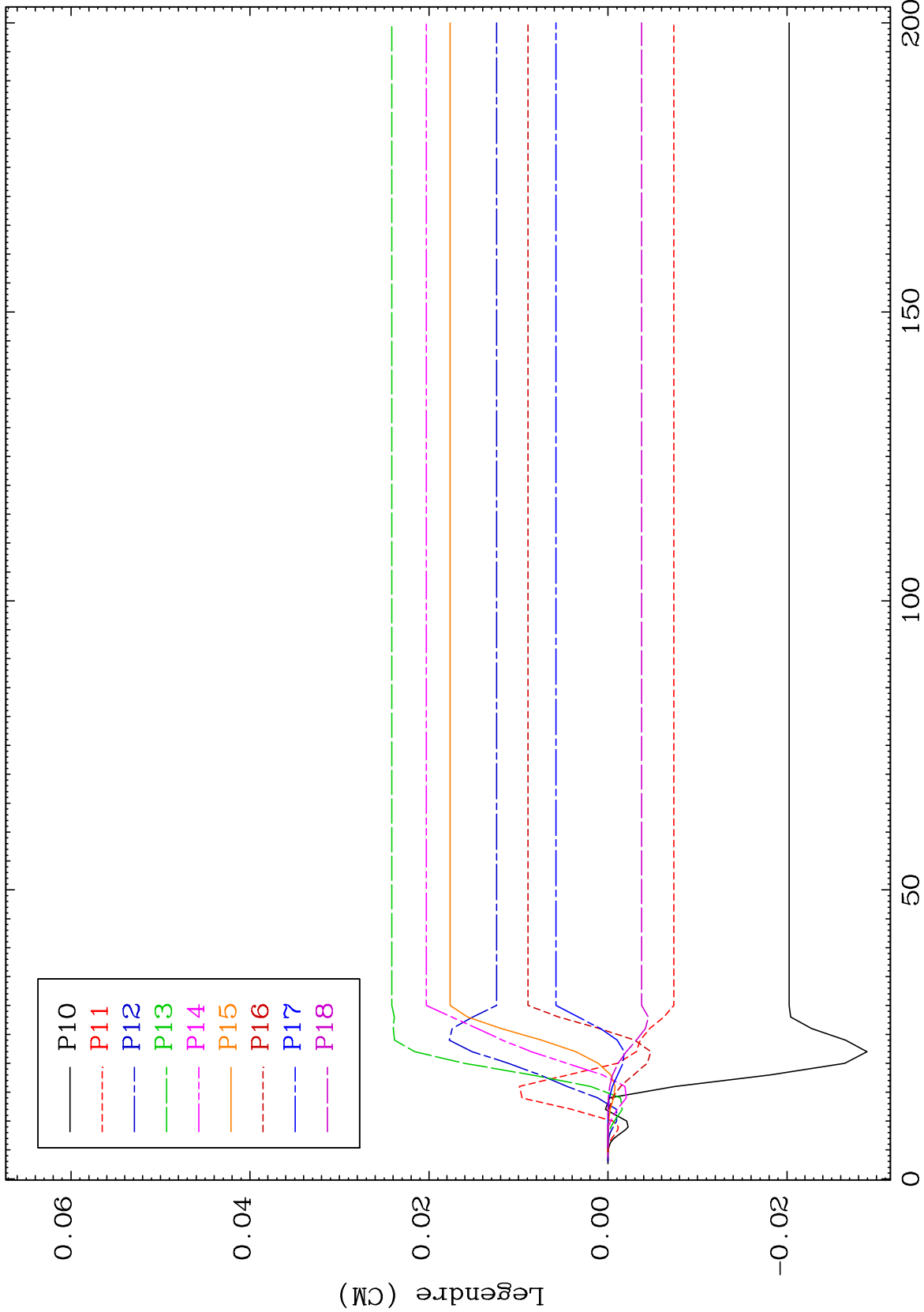
Incident Energy (MeV)

68-Er-151

MAT 6792

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

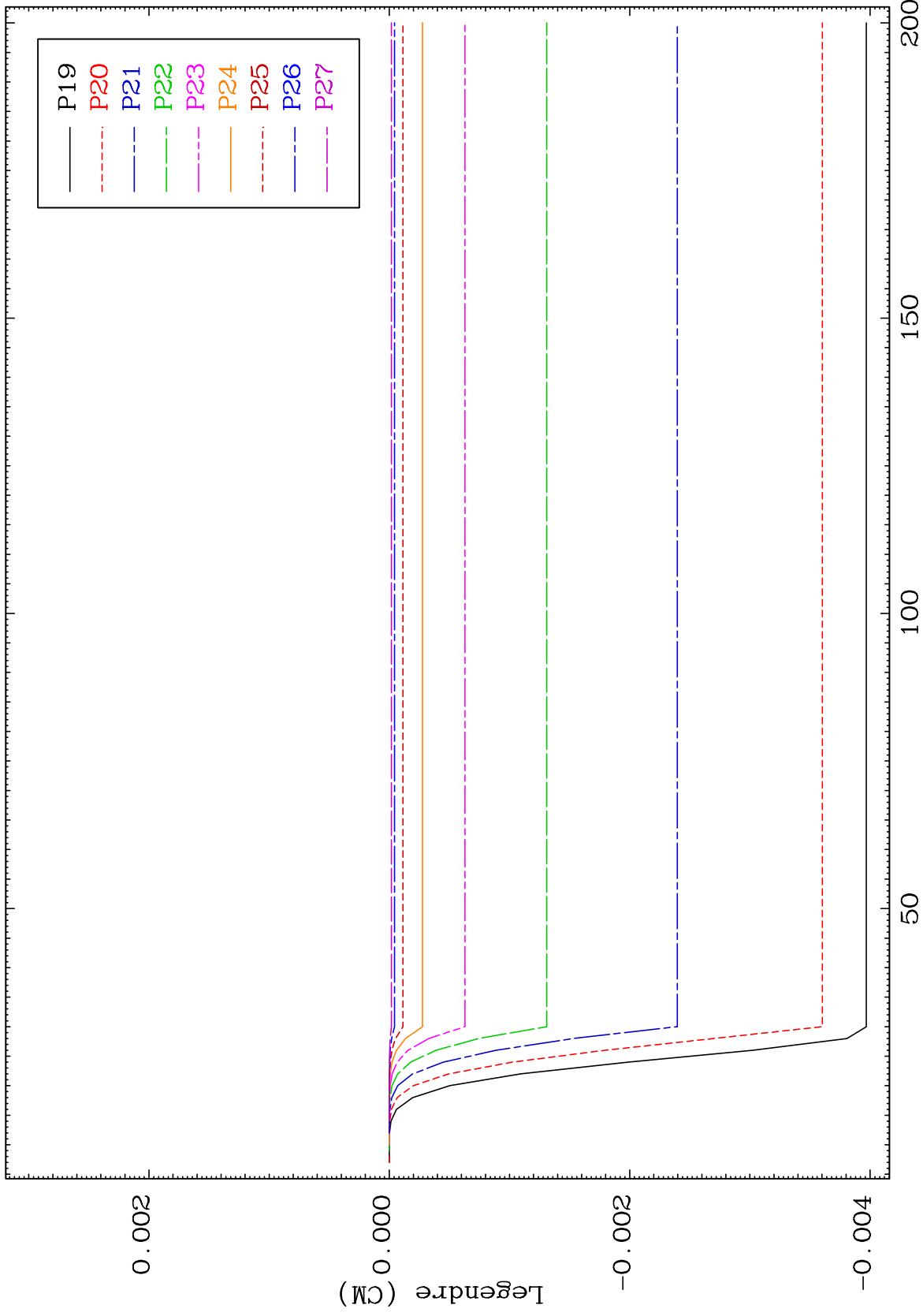
68-Er-151



85

Incident Energy (MeV)

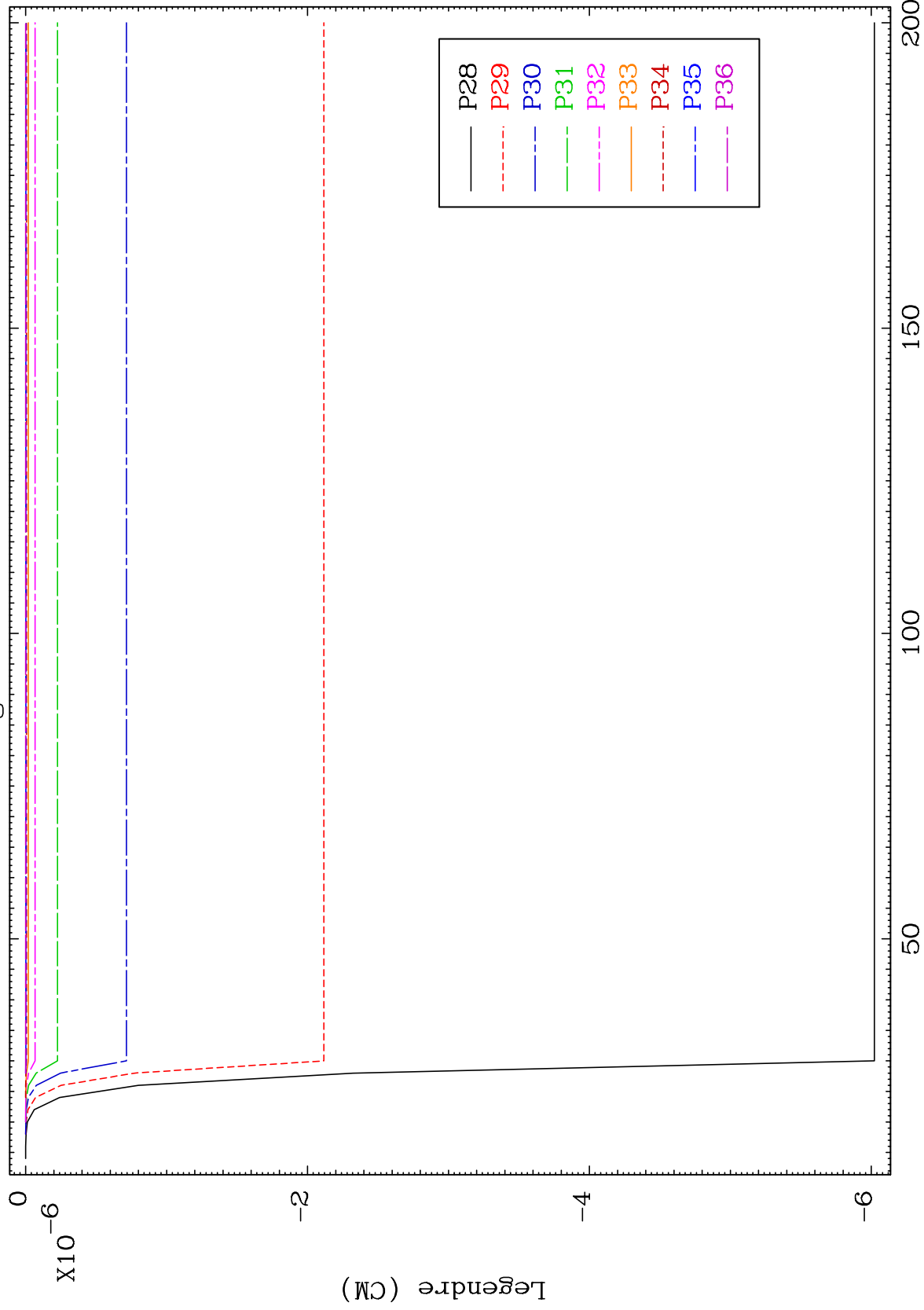
68-Er-151



MAT 6792

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

68-Er-151



87

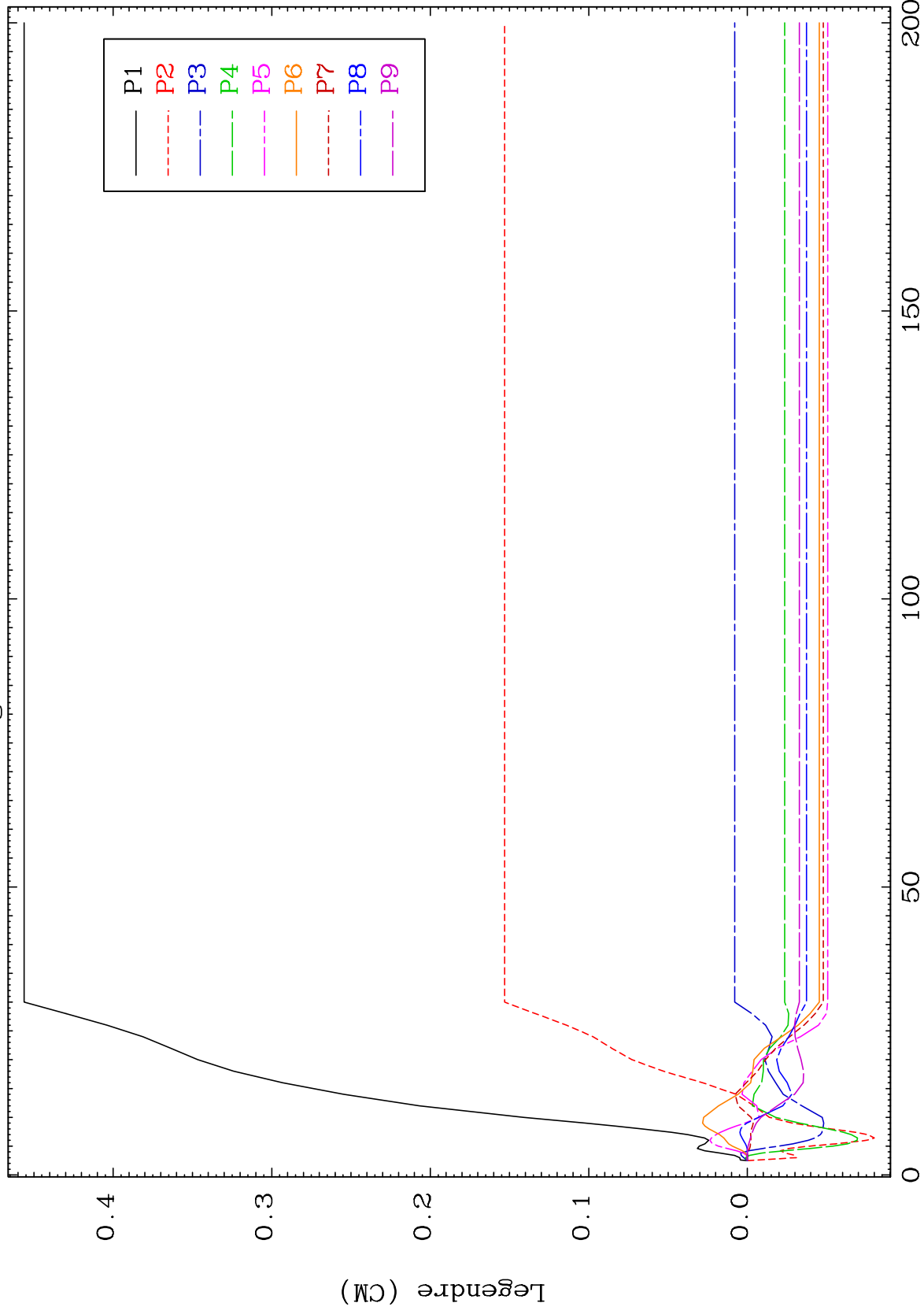
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



88

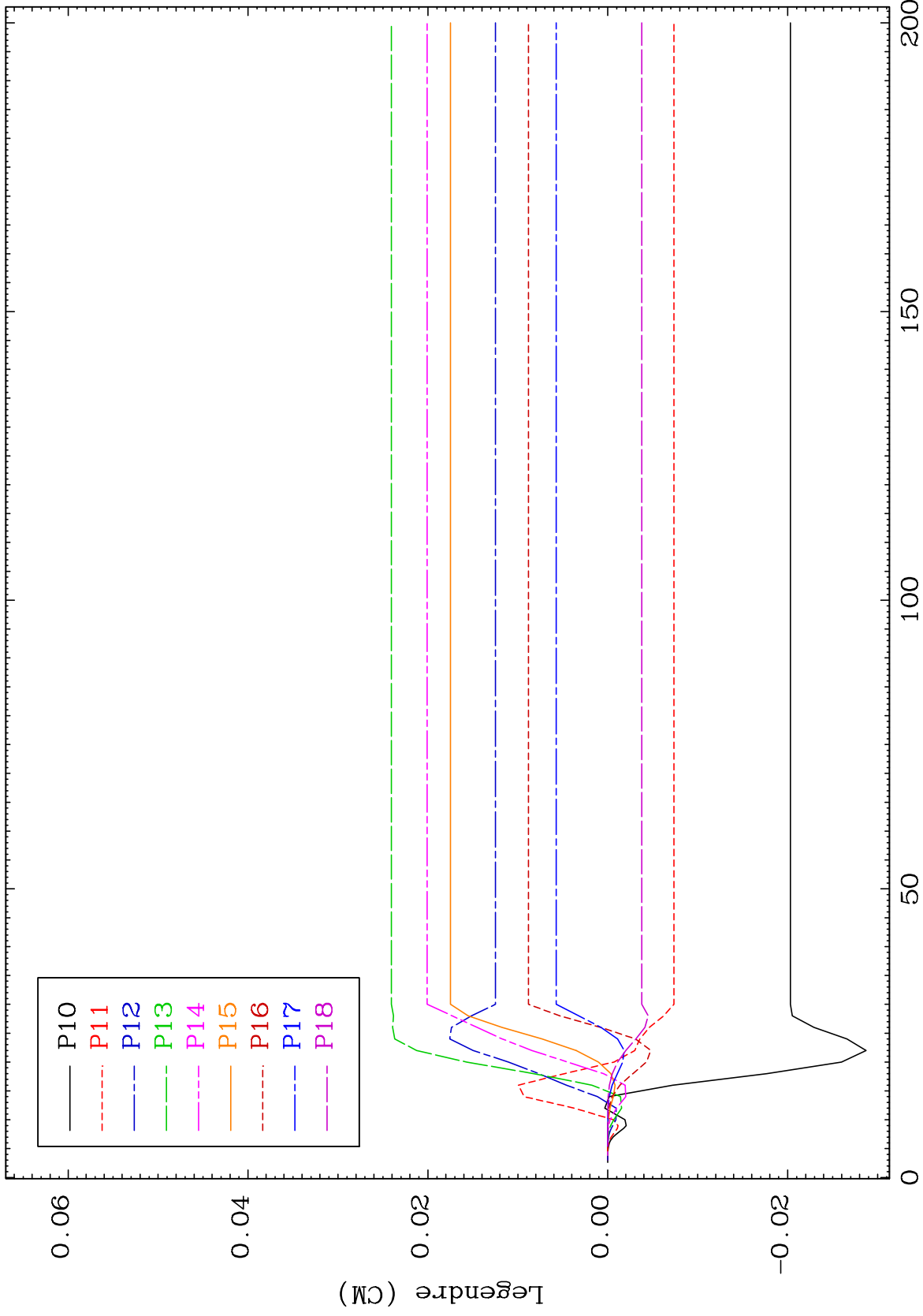
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



89

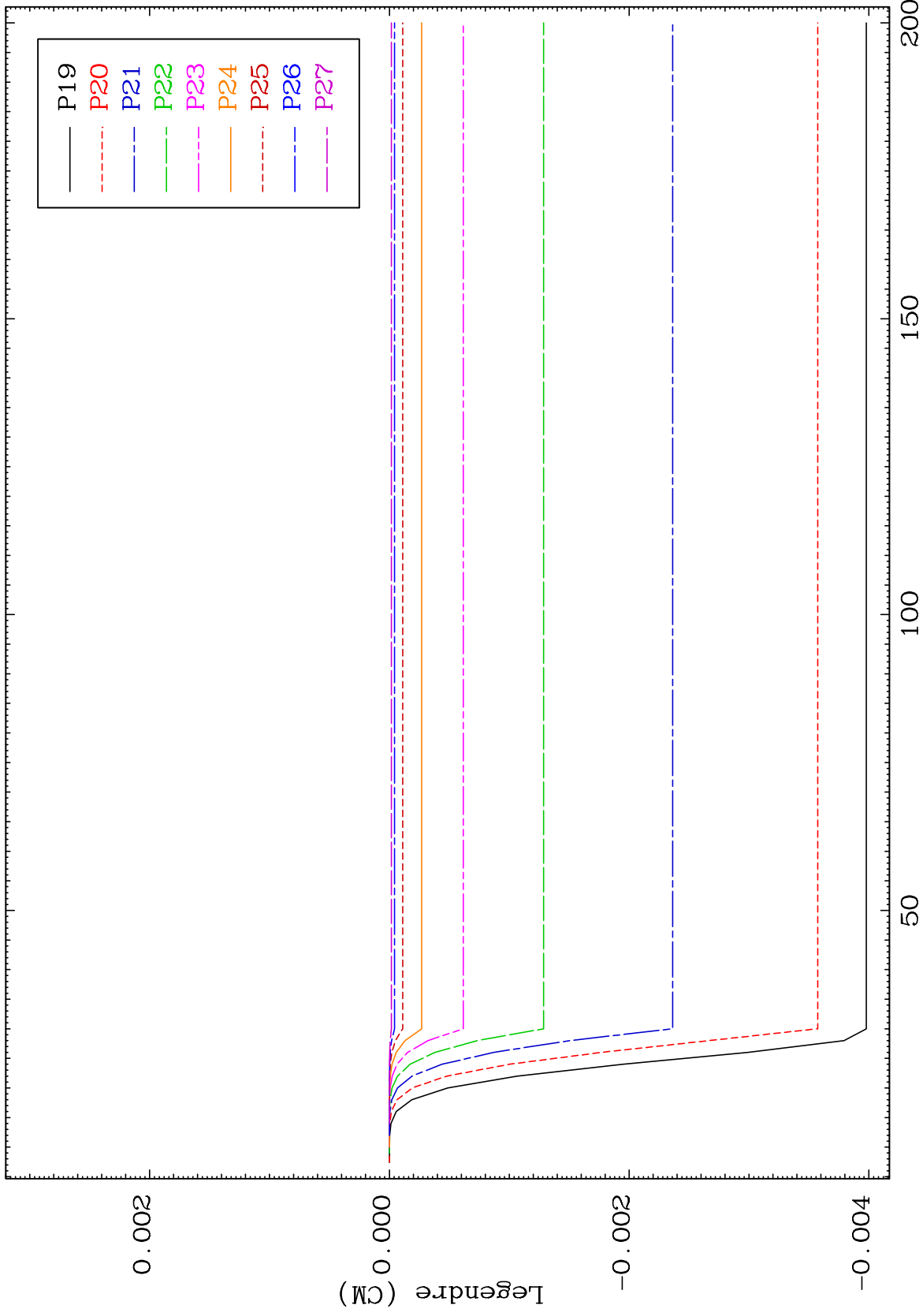
Incident Energy (MeV)

68-Er-151

MAT 6792

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

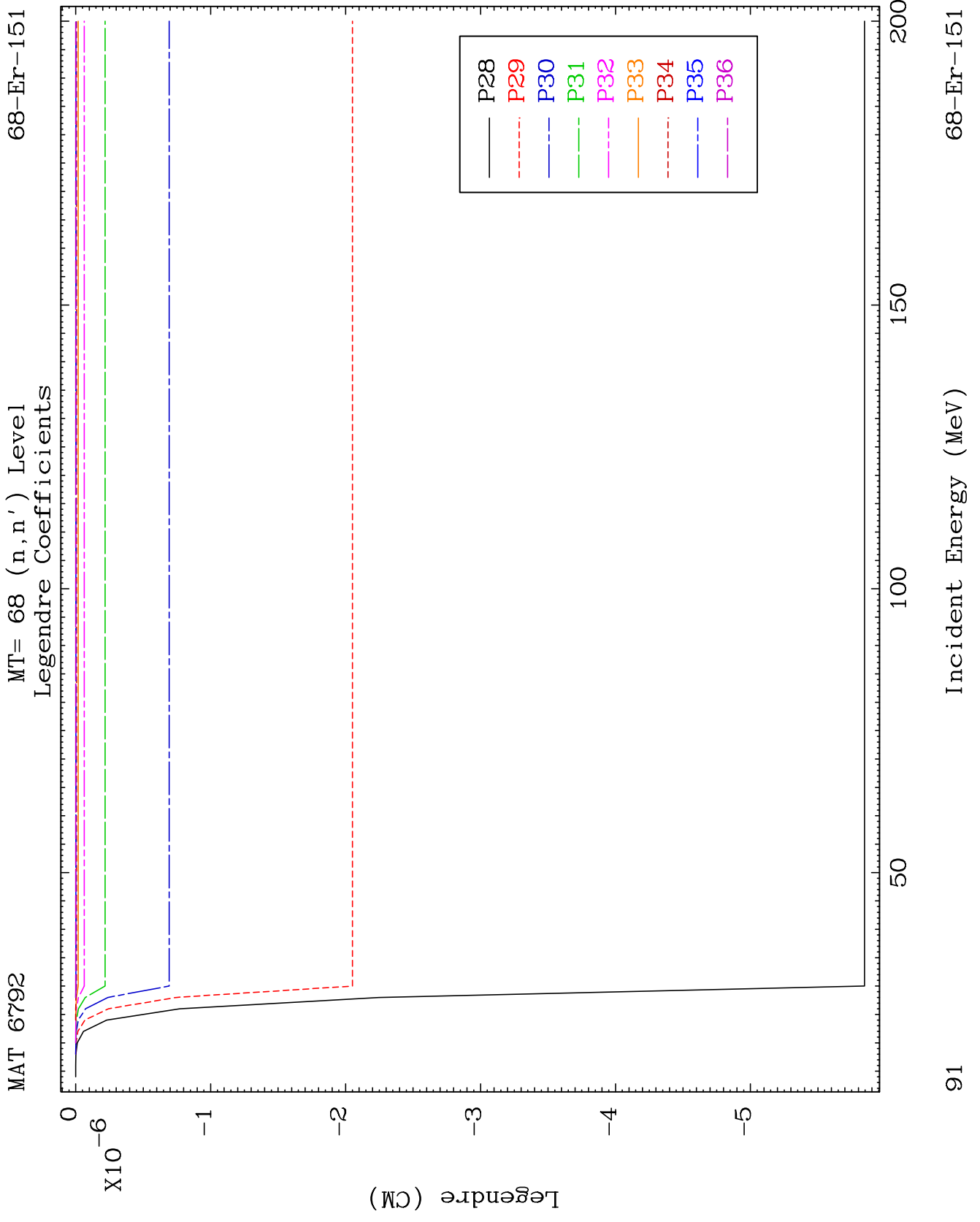
68-Er-151



90

Incident Energy (MeV)

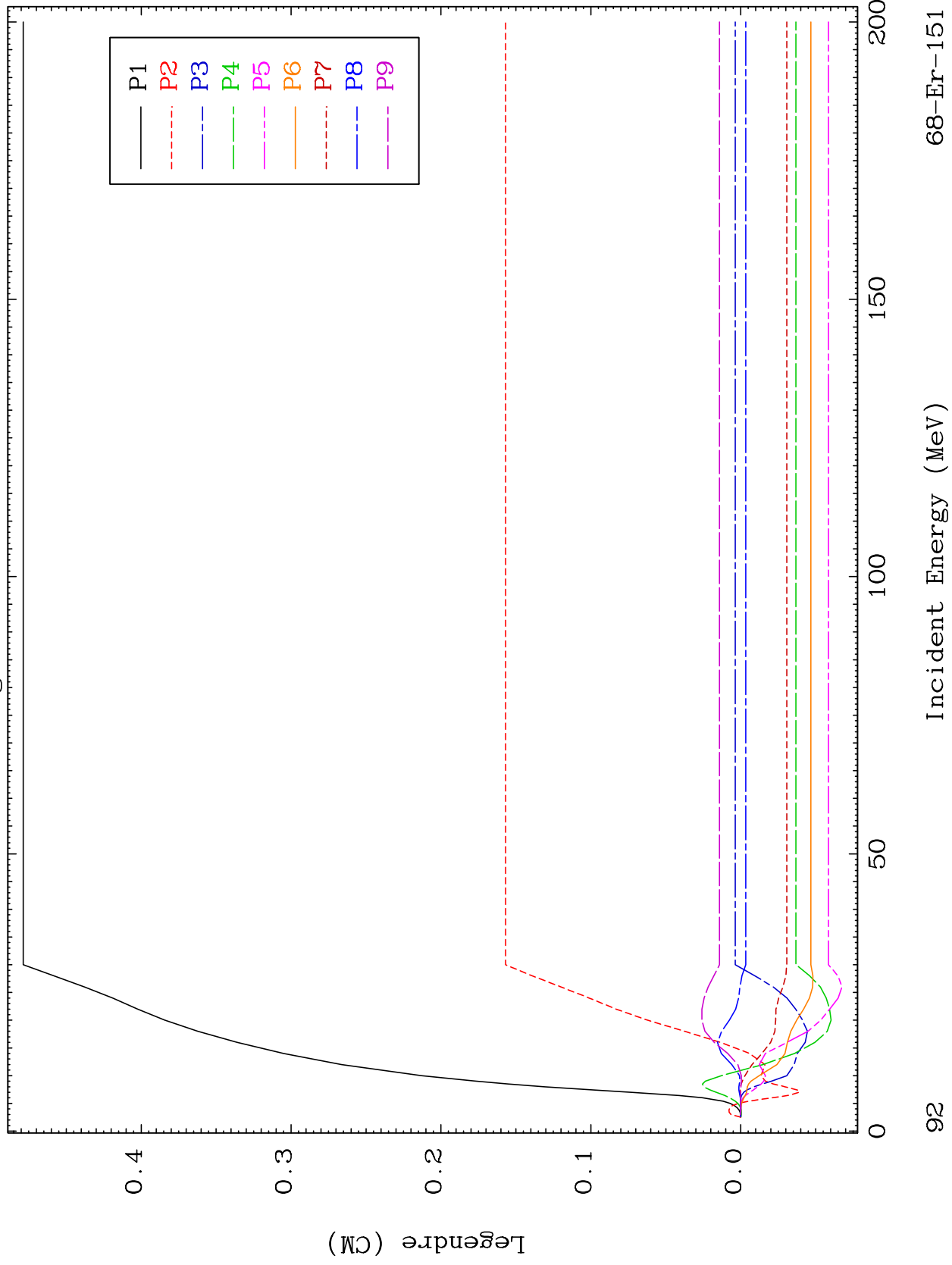
68-Er-151



MAT 6792

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

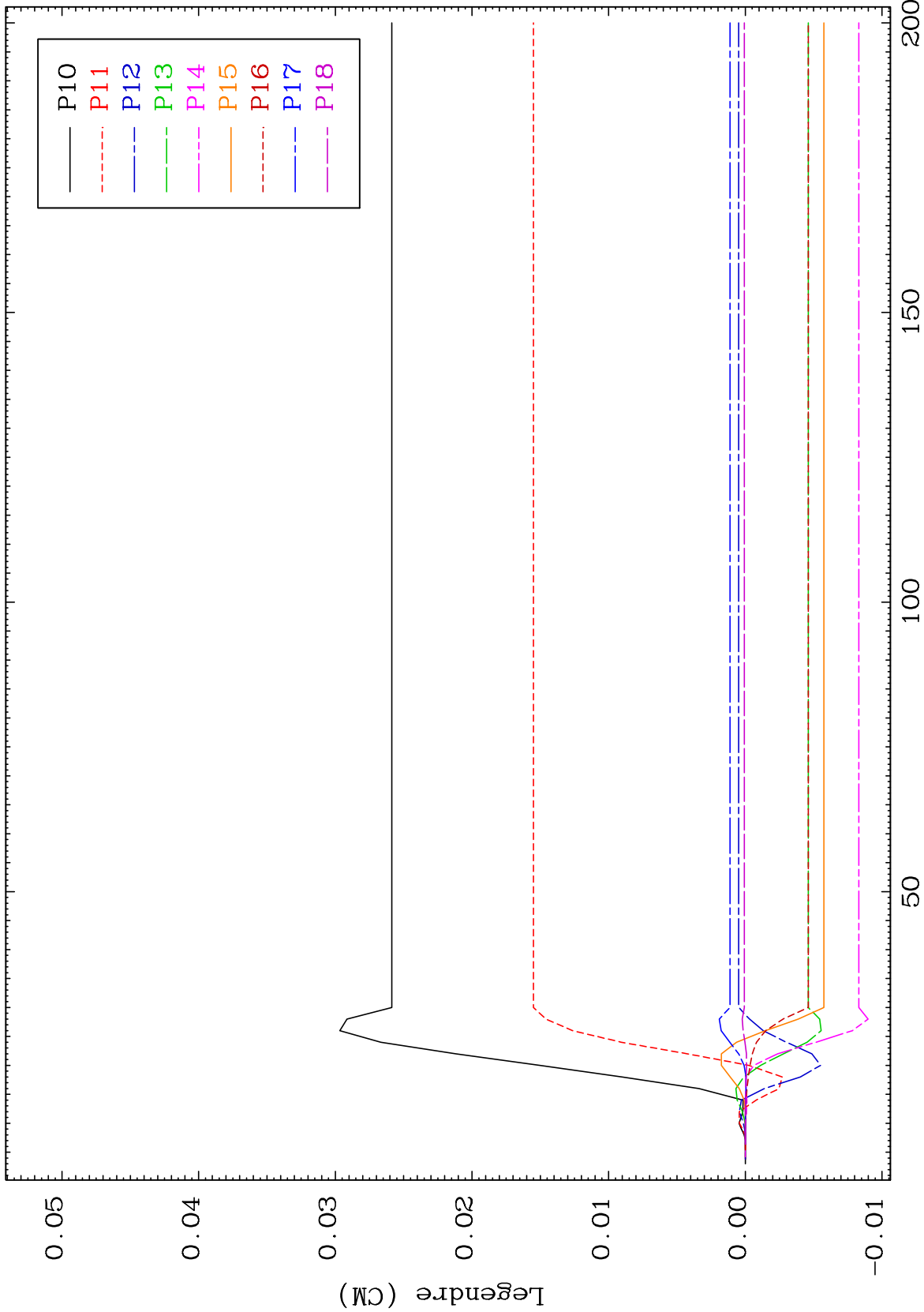
68-Er-151



MAT 6792

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

68-Er-151



93

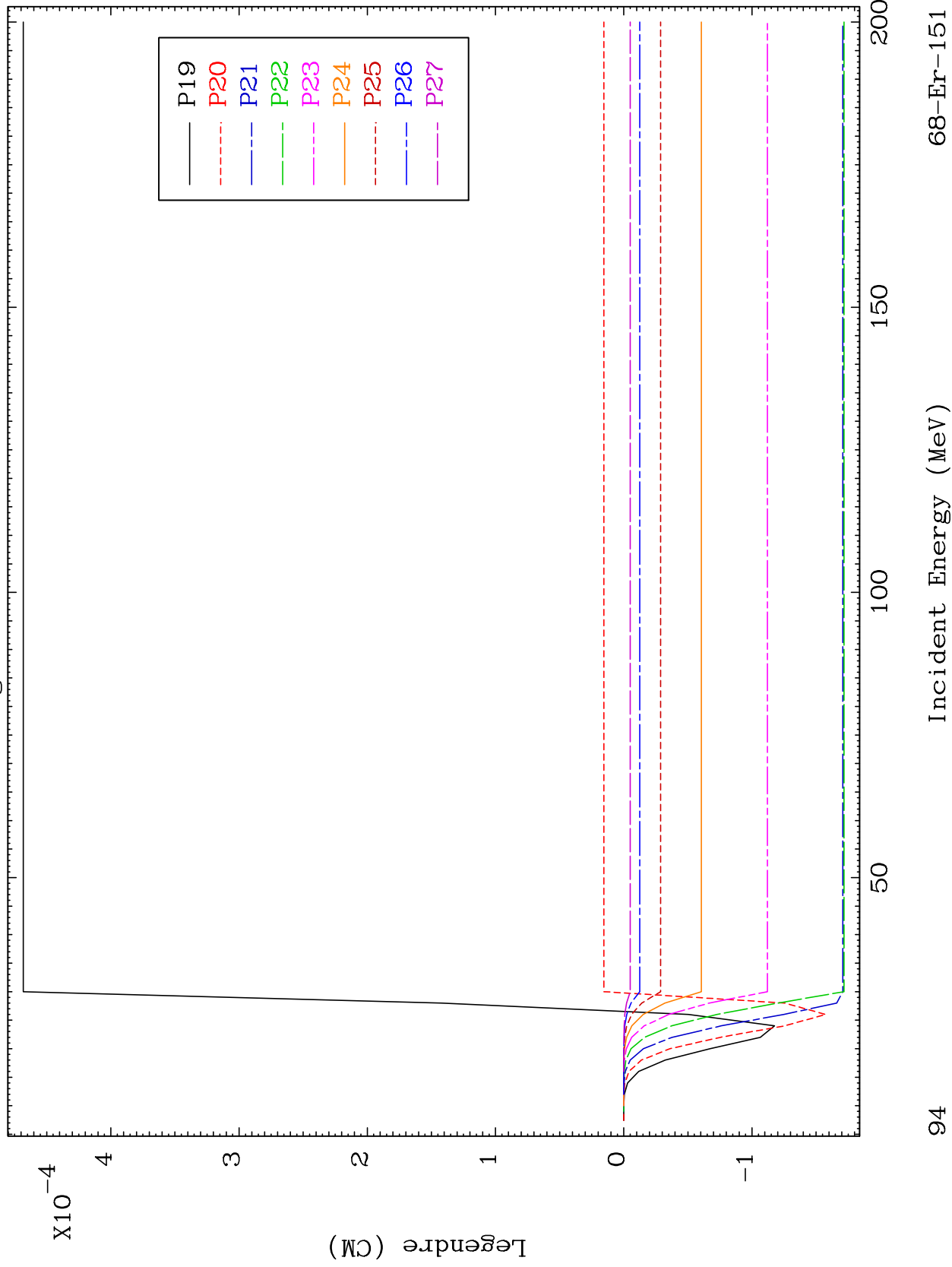
Incident Energy (MeV)

68-Er-151

MAT 6792

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

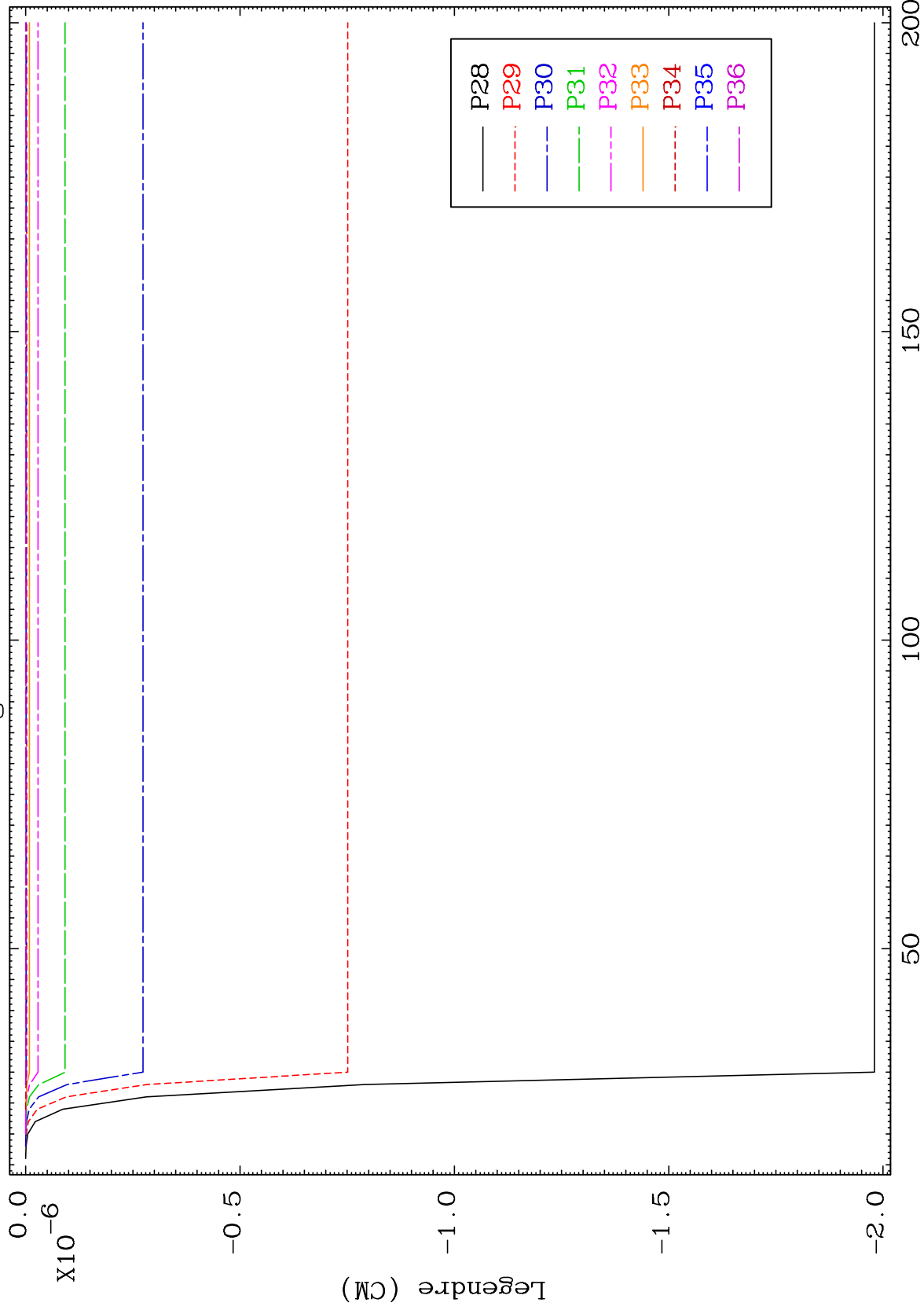
68-Er-151



MAT 6792

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

68-Er-151



95

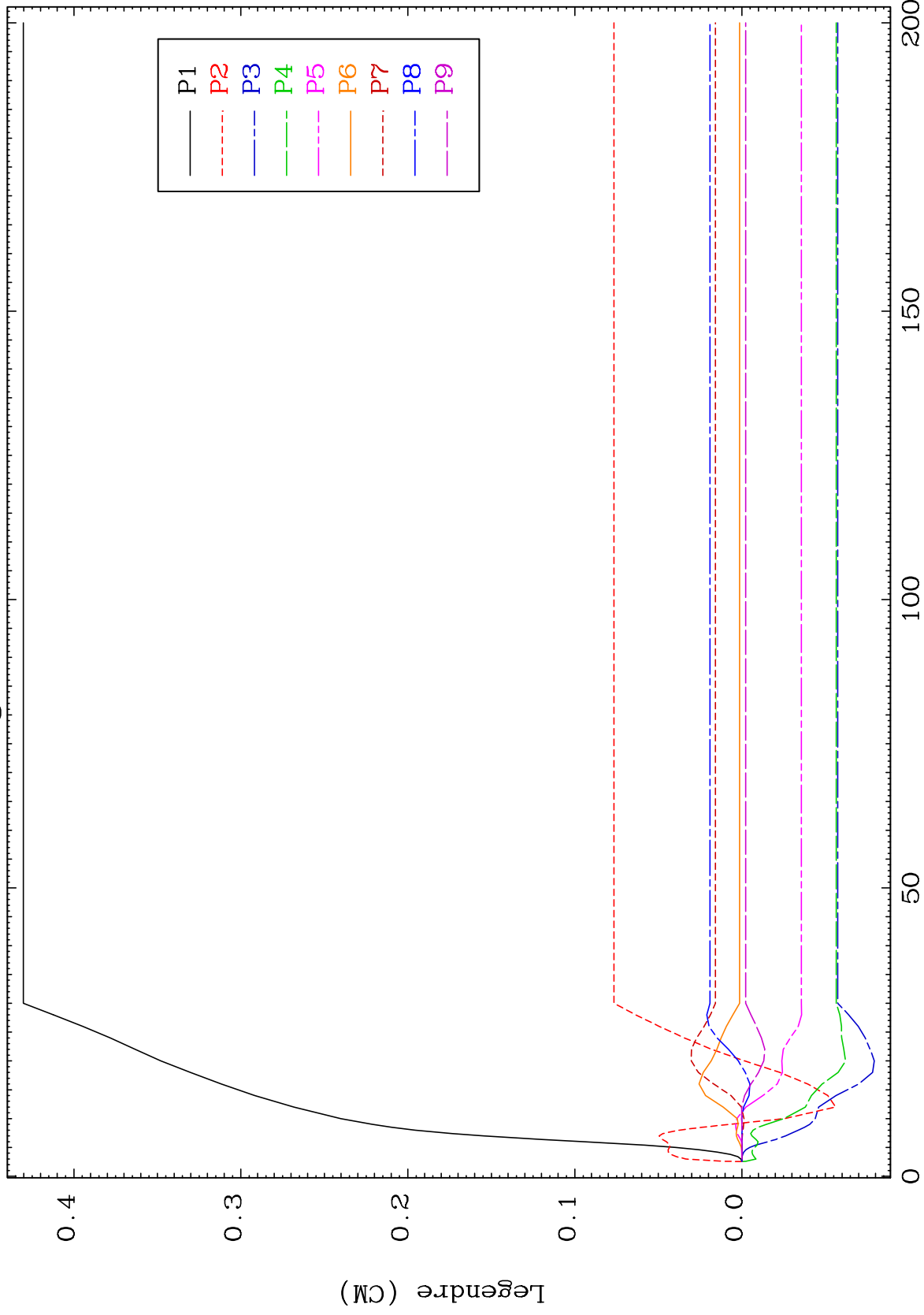
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



96

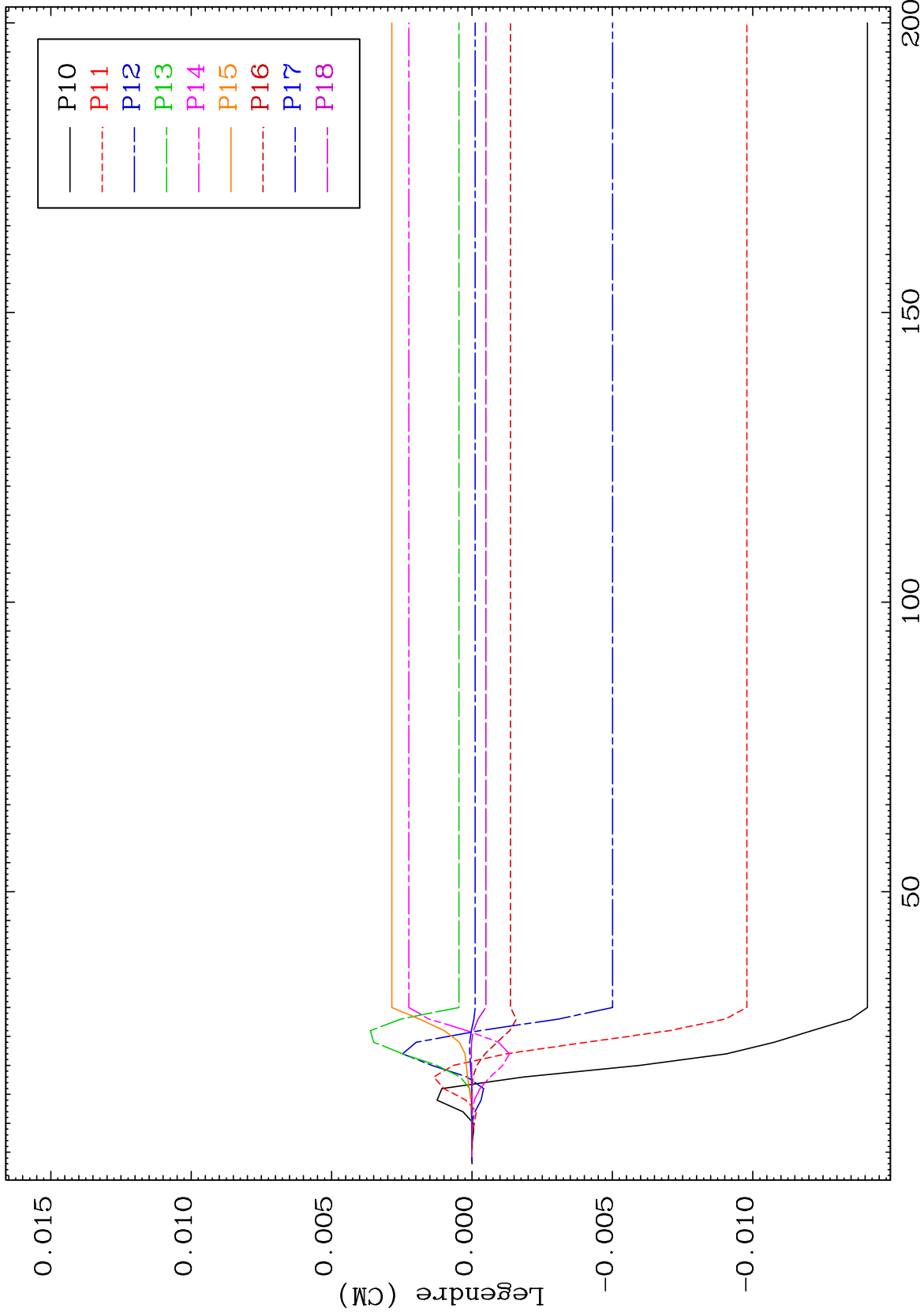
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



97

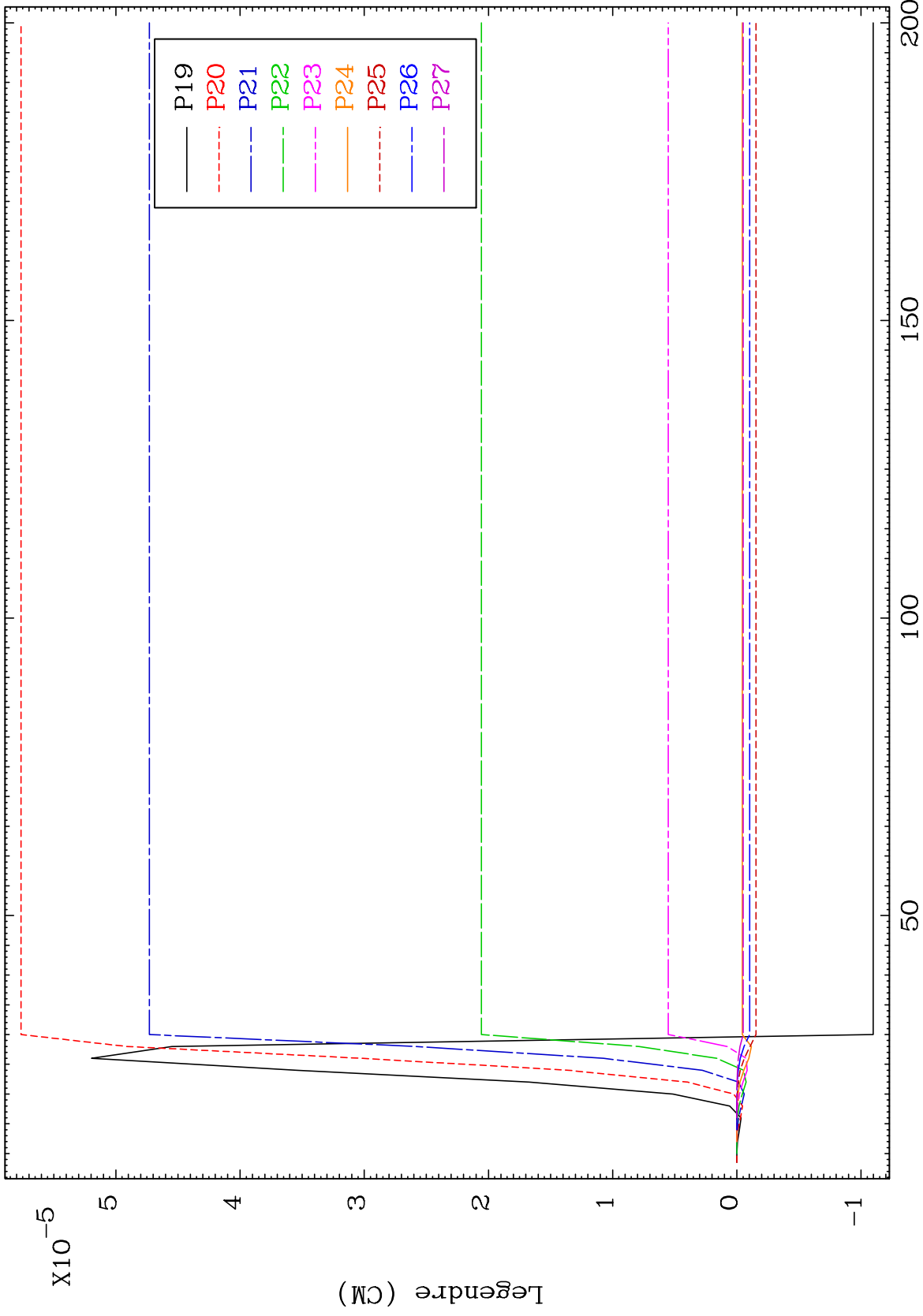
Incident Energy (MeV)

68-Er-151

MAT 6792

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

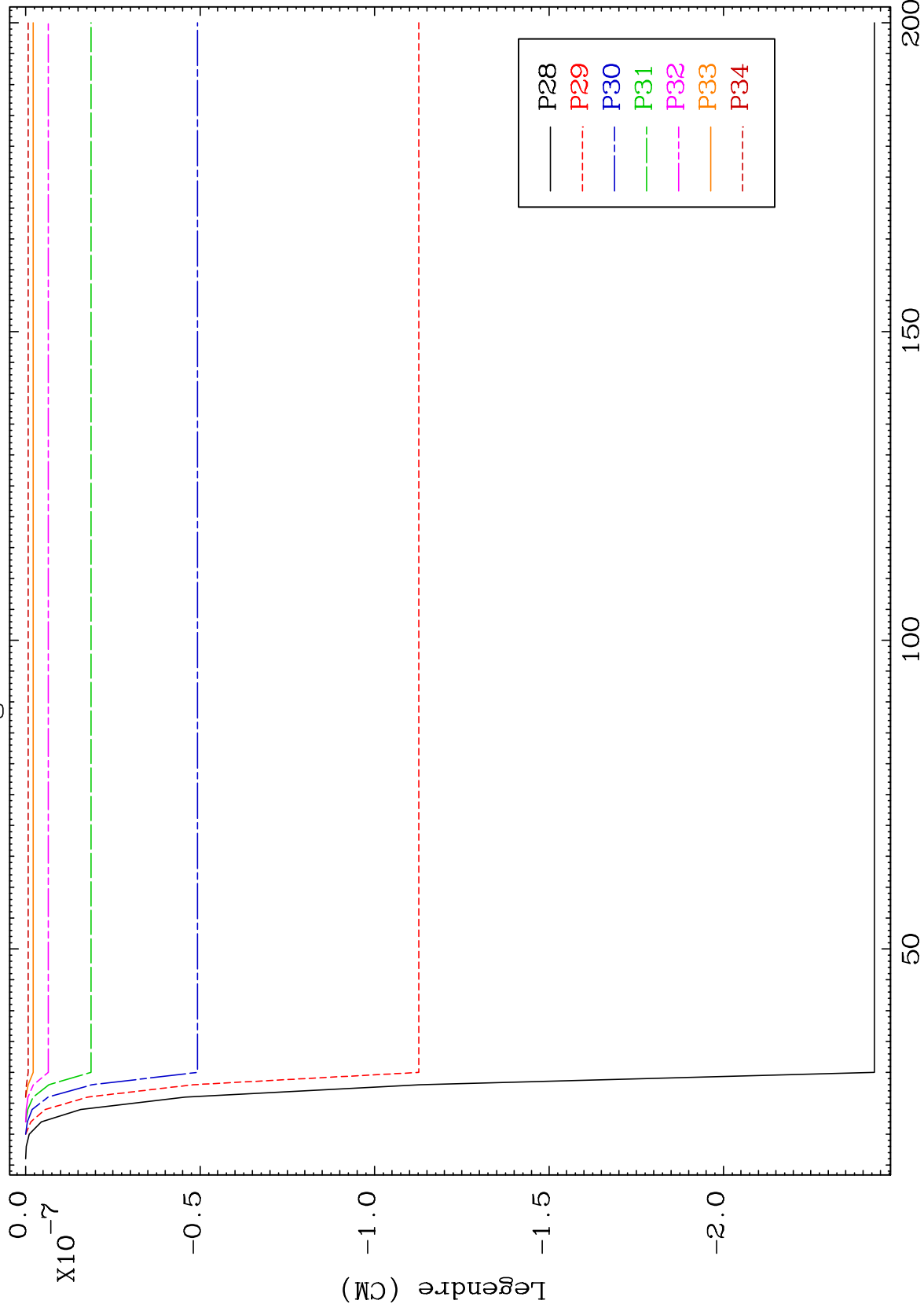
68-Er-151



98

Incident Energy (MeV)

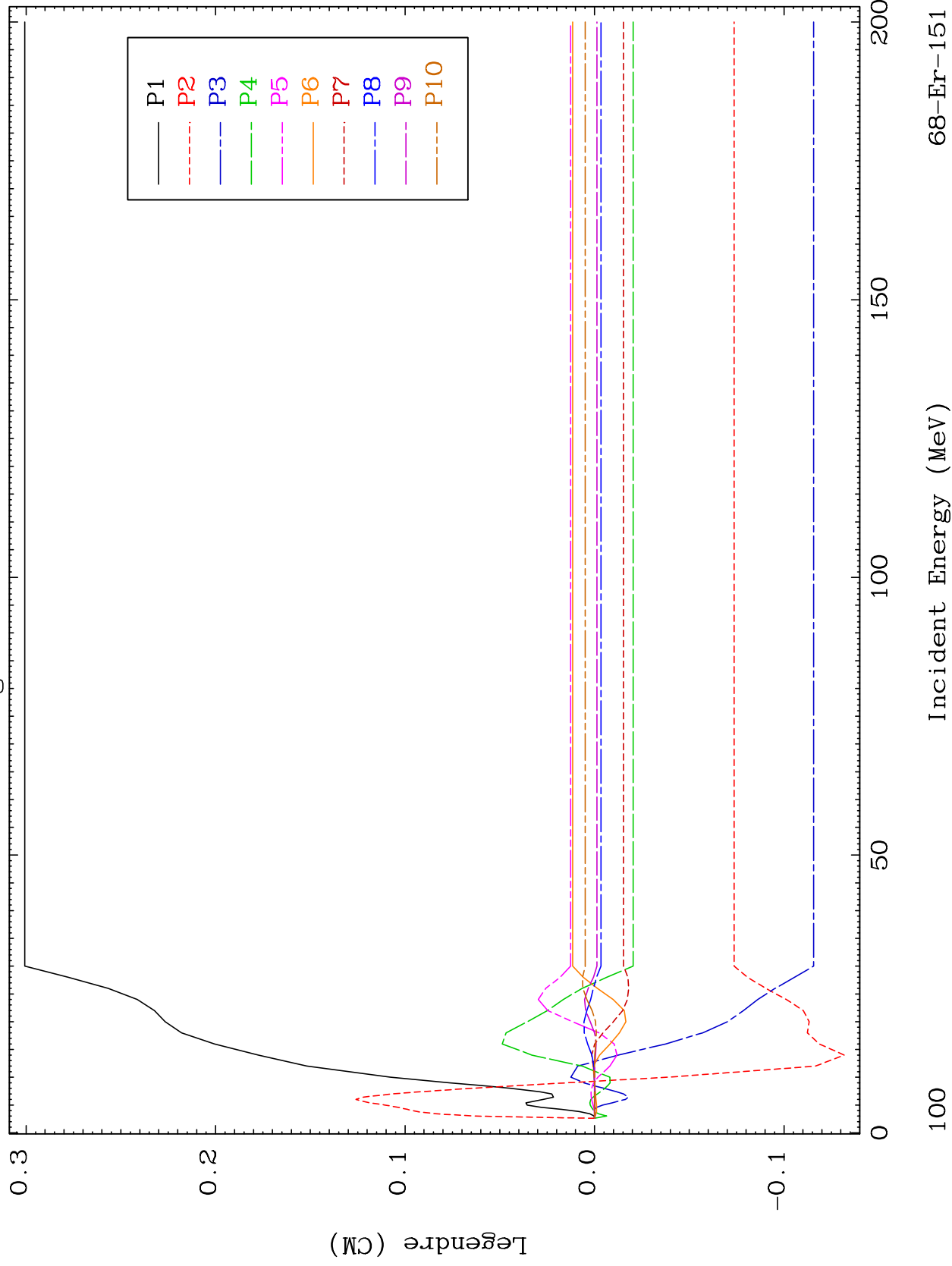
68-Er-151



MAT 6792

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

68-Er-151



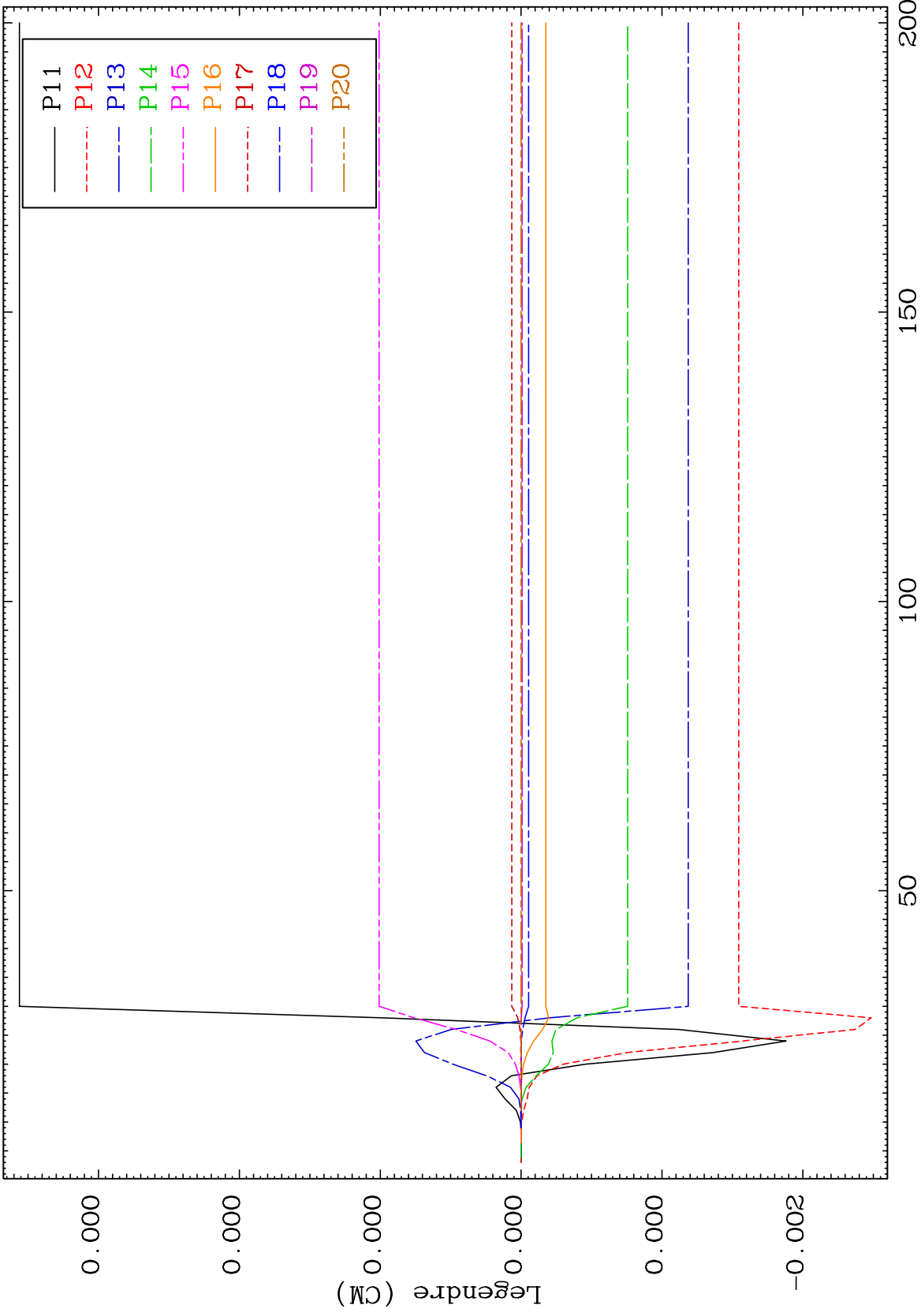
68-Er-151

Incident Energy (MeV)

MAT 6792

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

68-Er-151



101

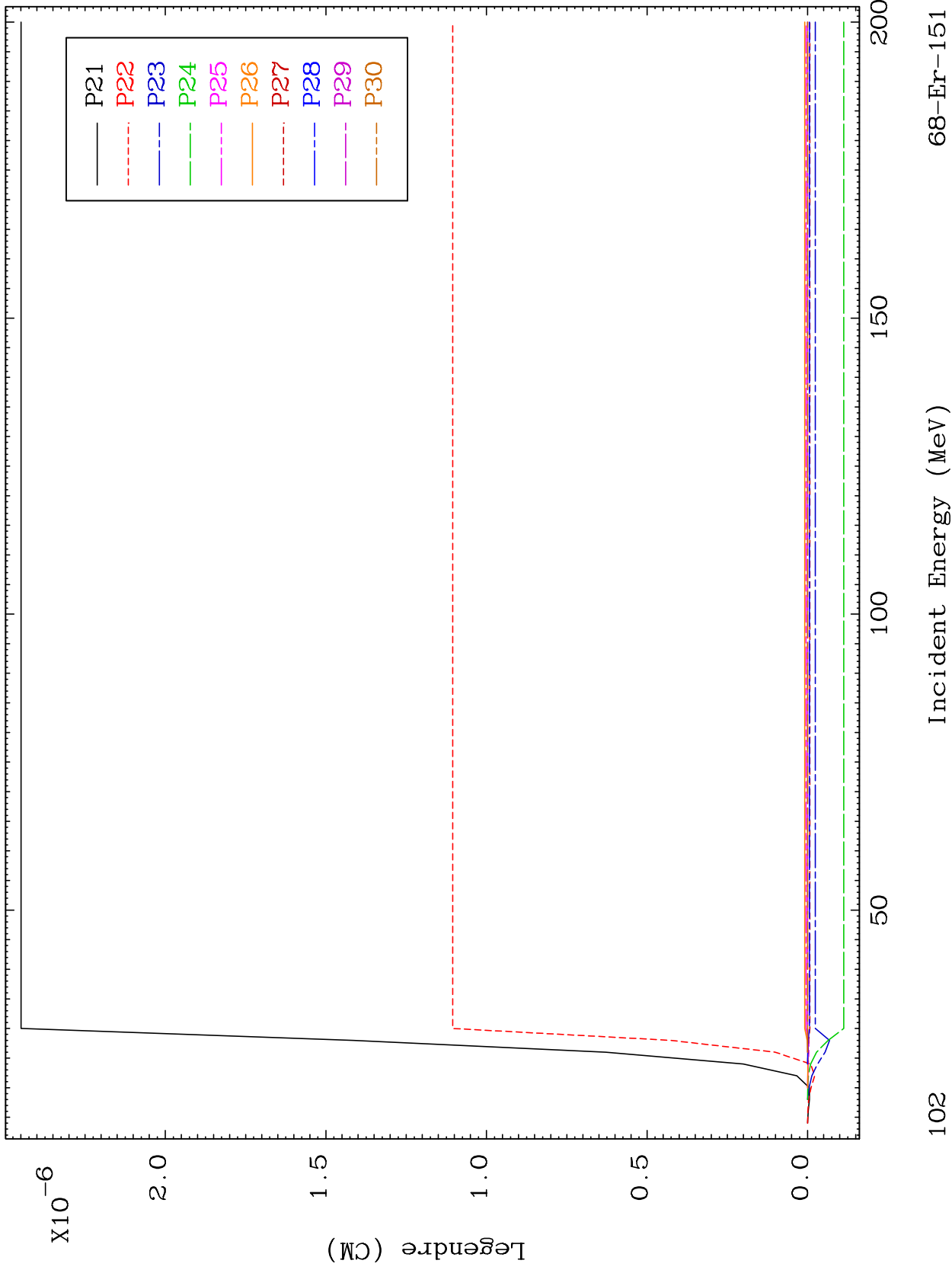
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



102

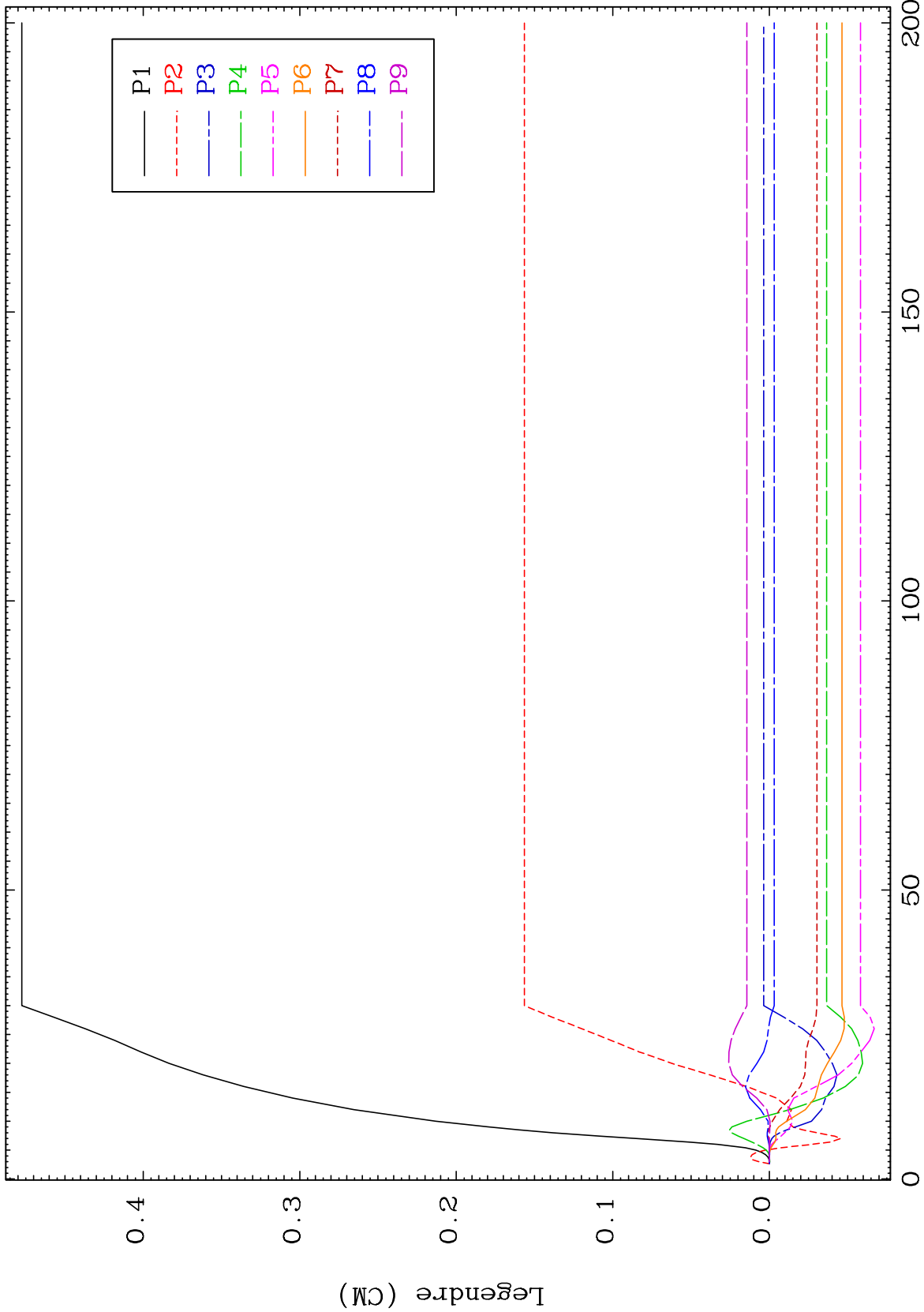
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



103

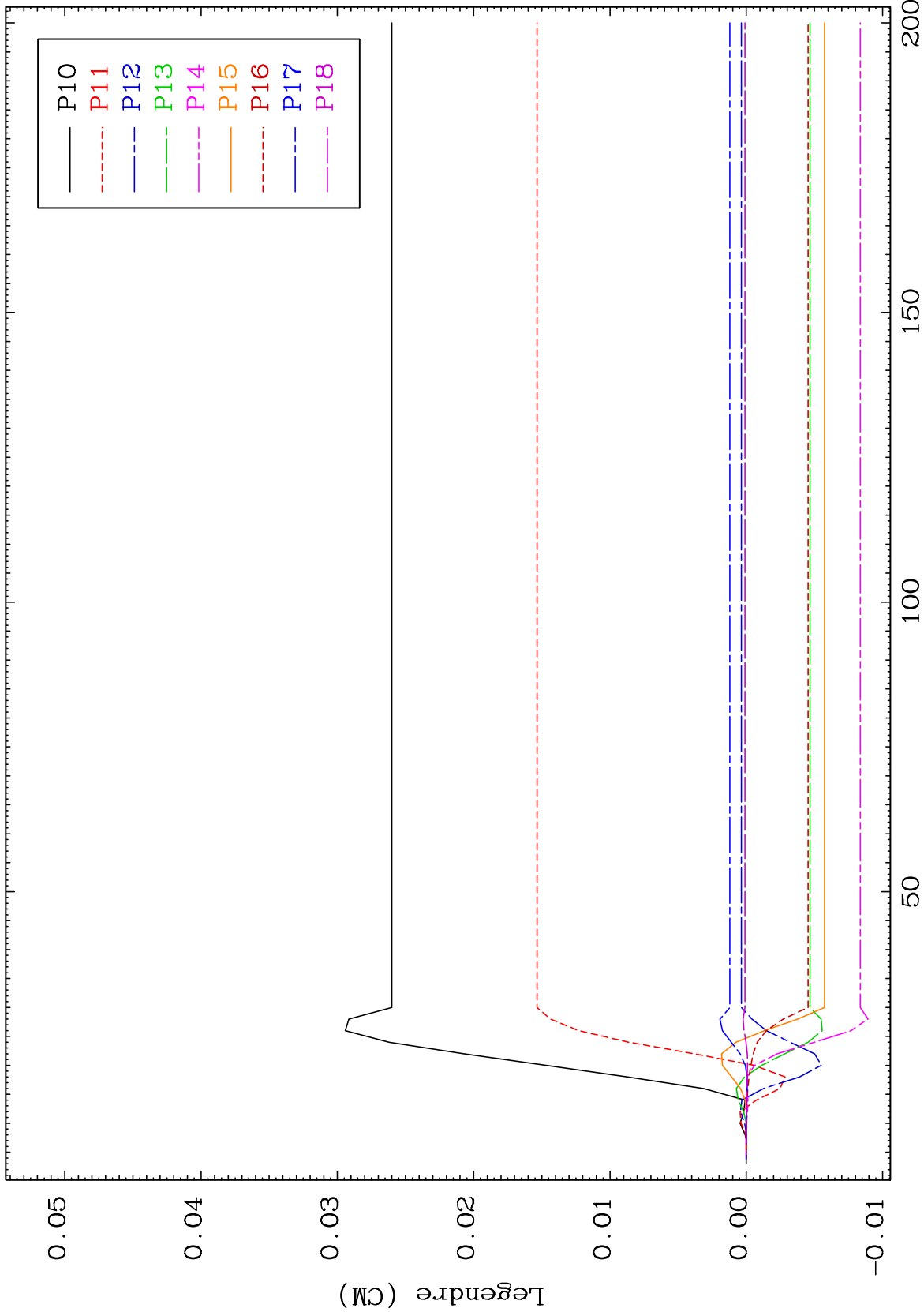
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



104

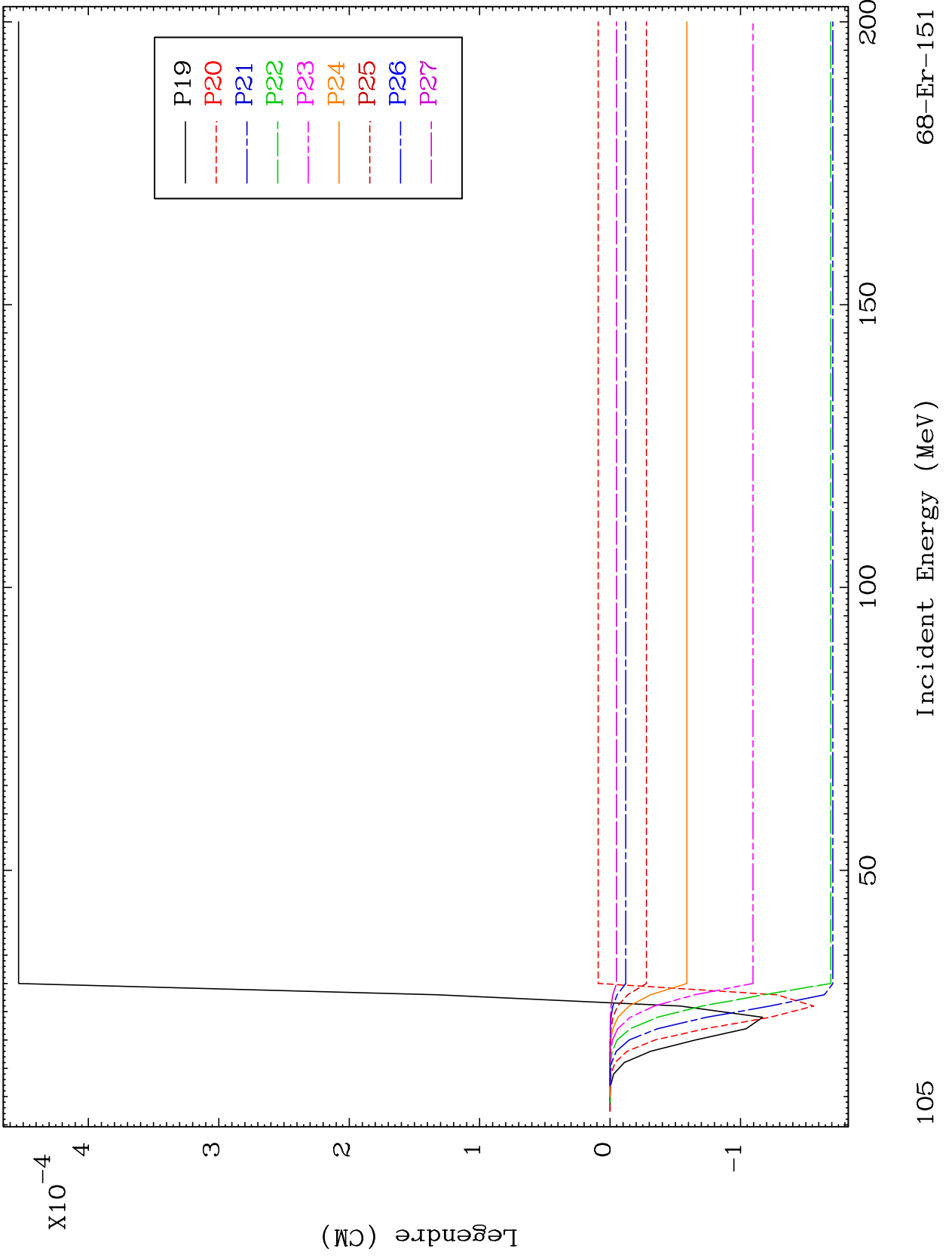
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



105

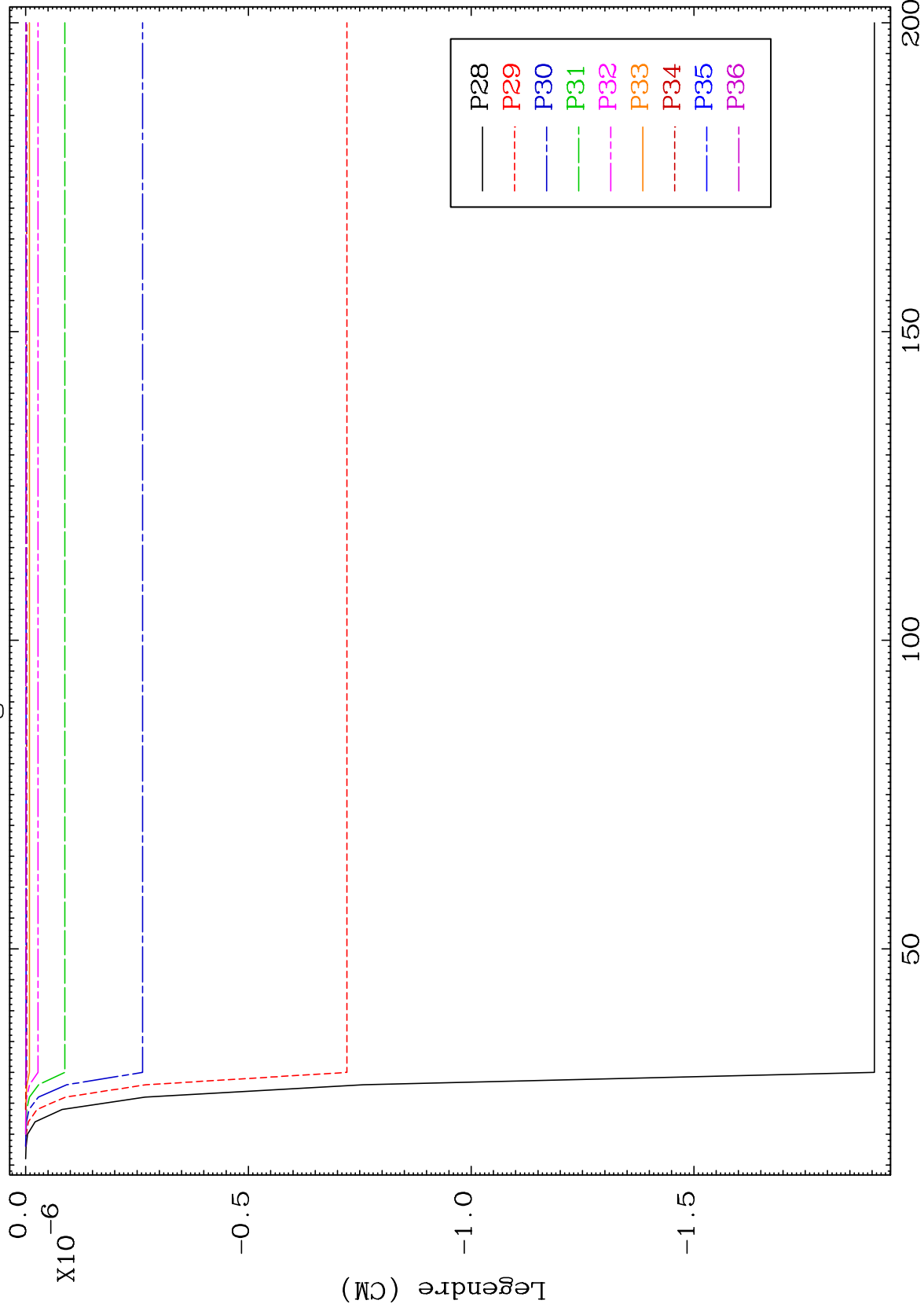
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



106

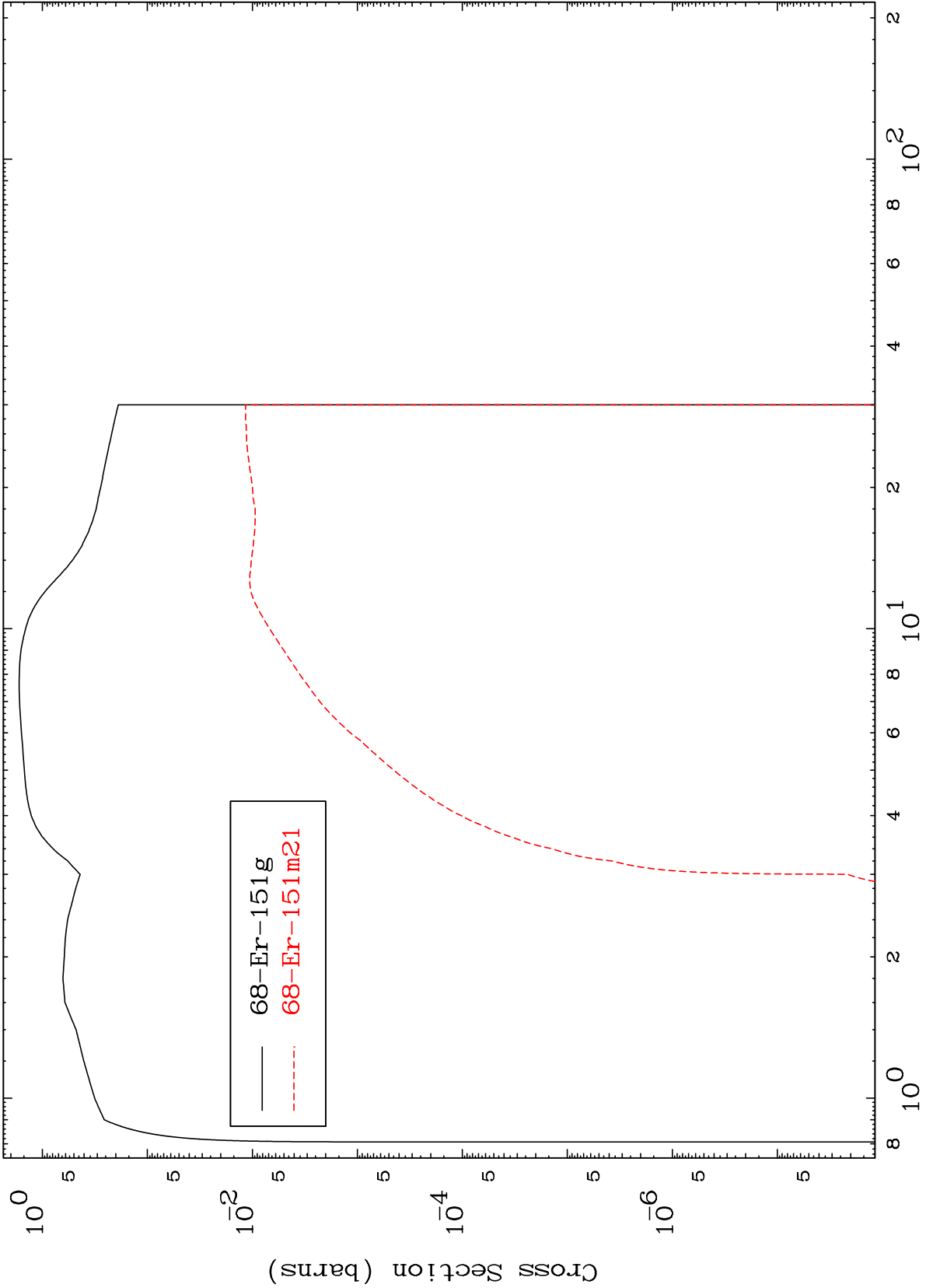
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

Inelastic Radionuclide Production Cross Section

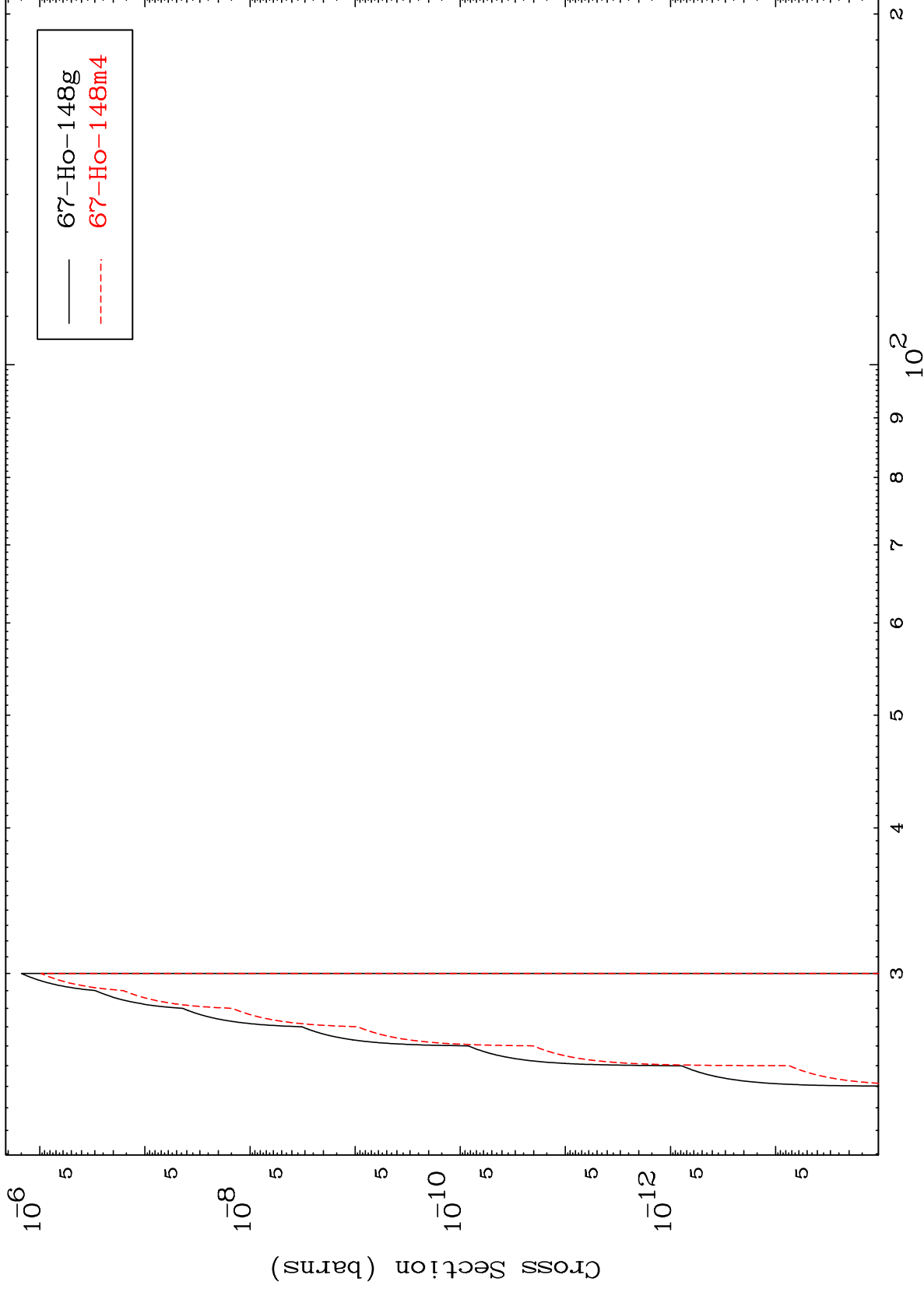


107

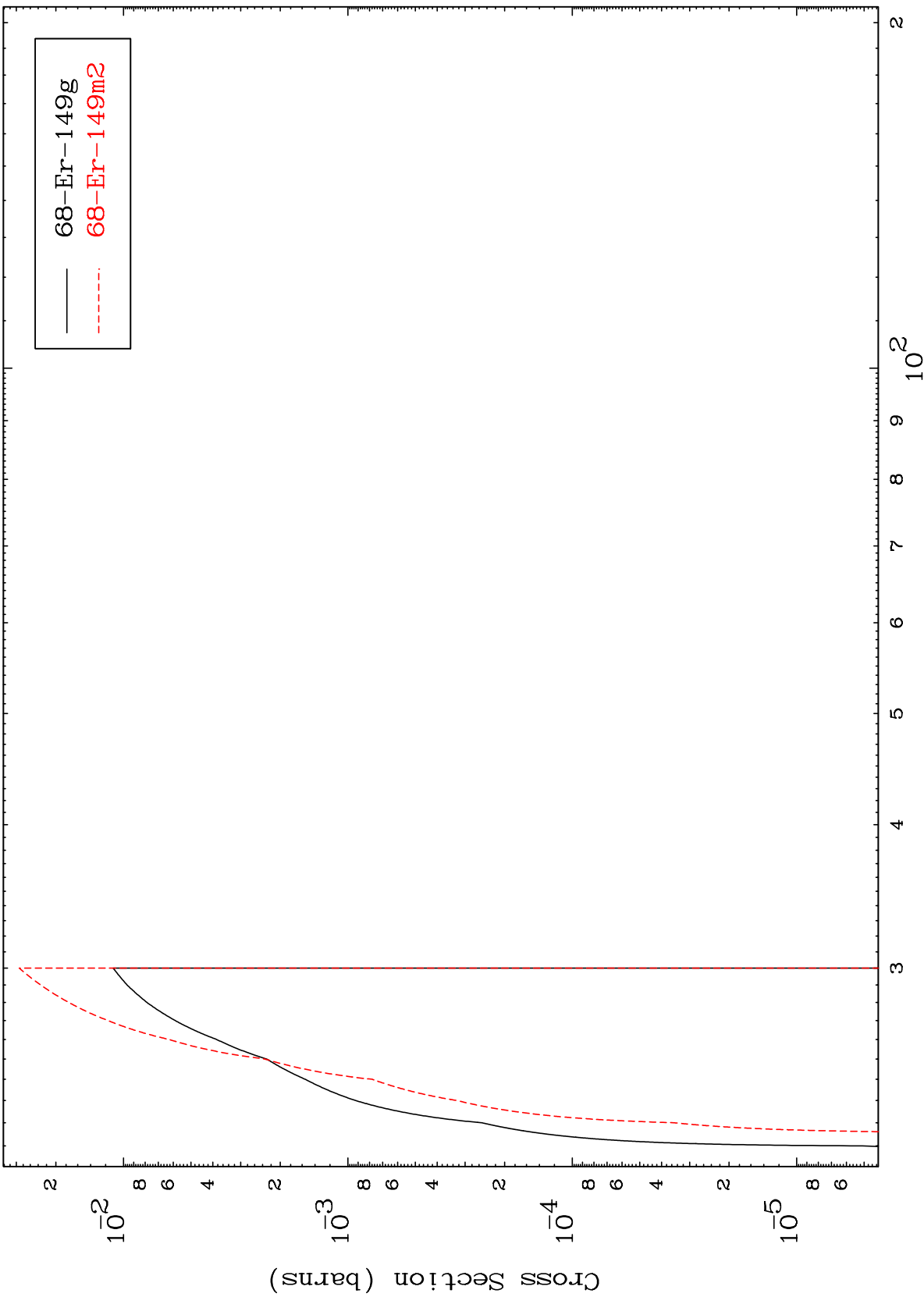
Incident Energy (MeV)

68-Er-151

Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section



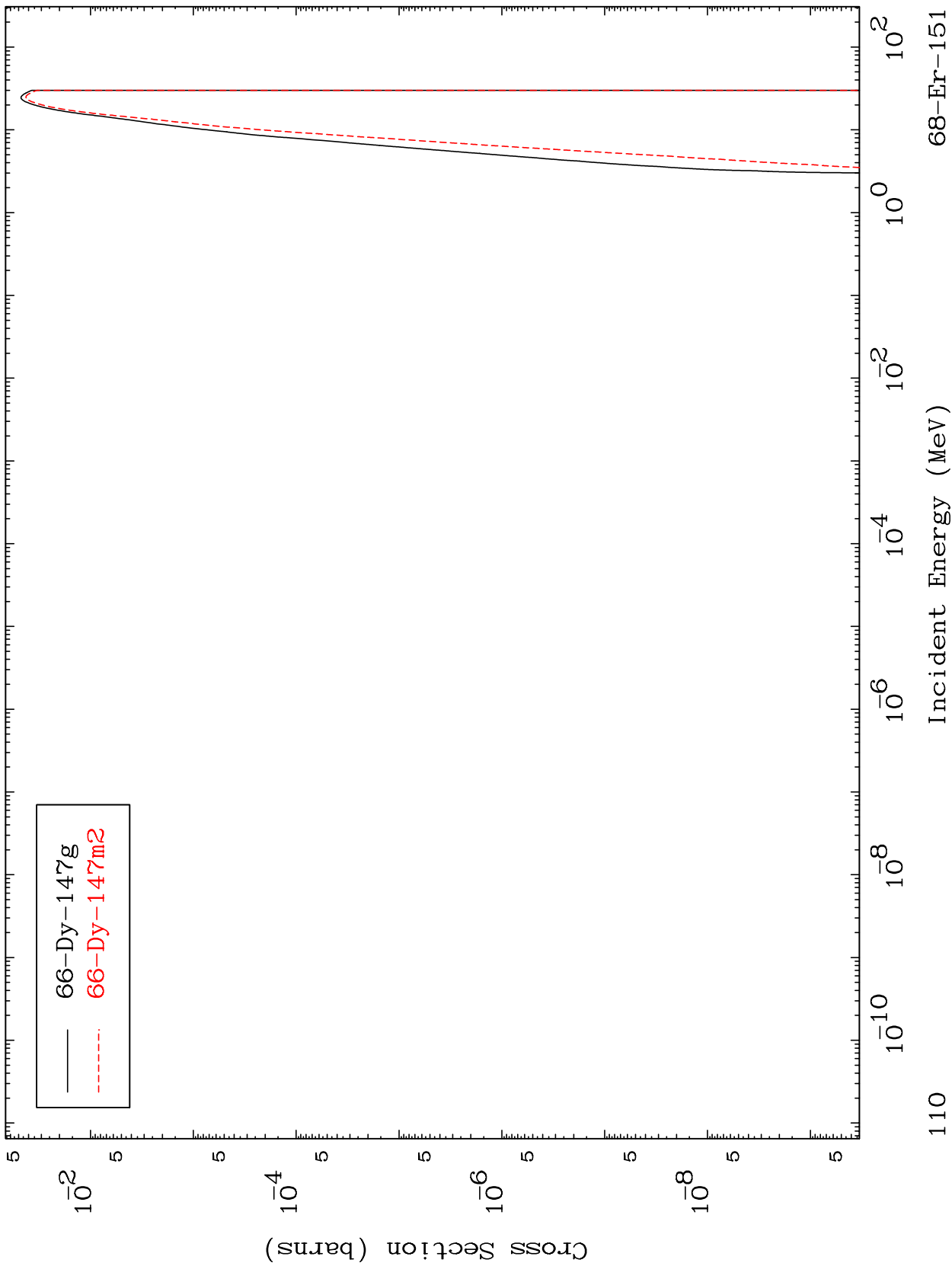
68-Er-149g
68-Er-149m2

MAT 6792

$(n, n') \alpha$

68-Er-151

Radionuclide Production Cross Section

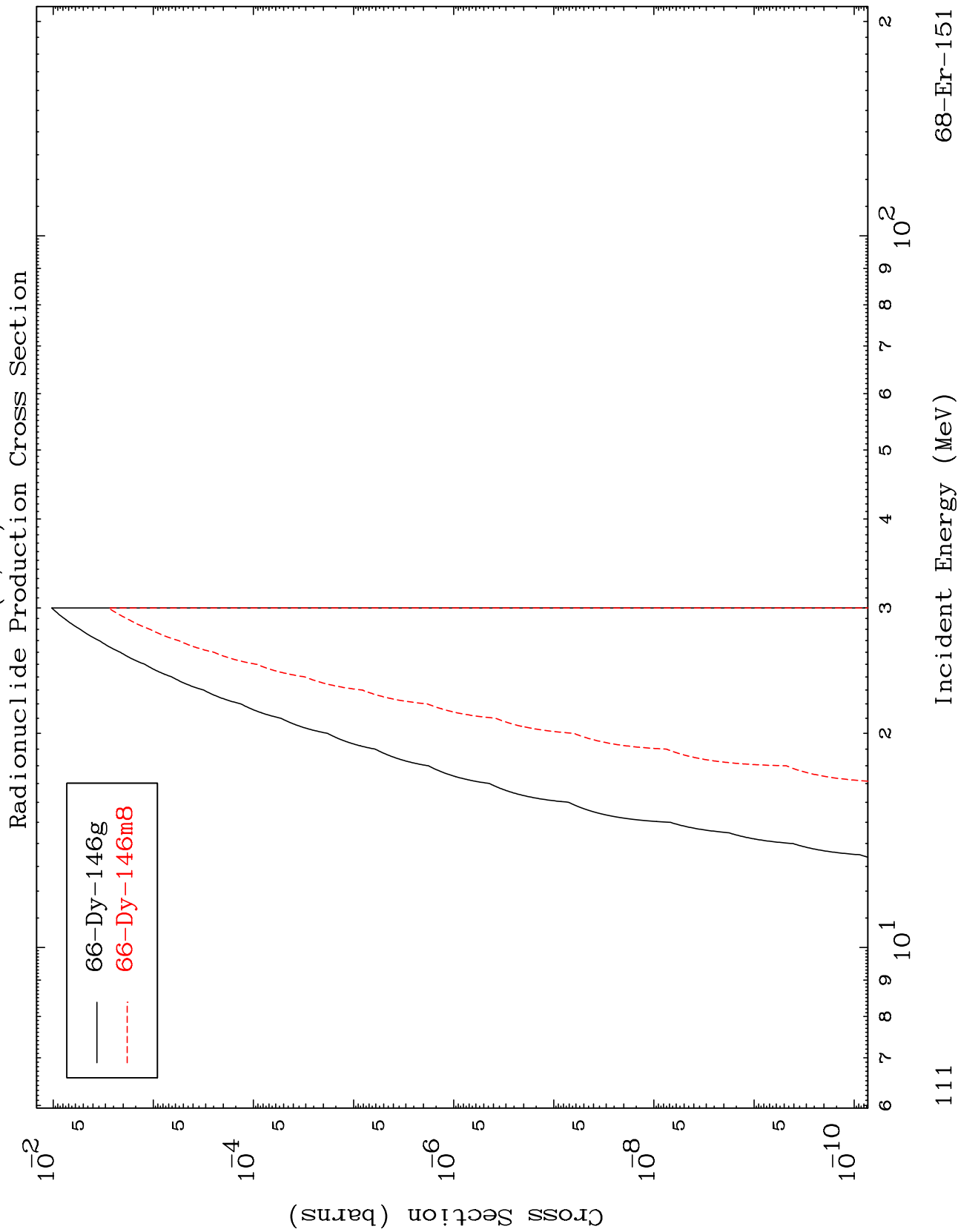


66-Dy-147g
66-Dy-147m2

MAT 6792

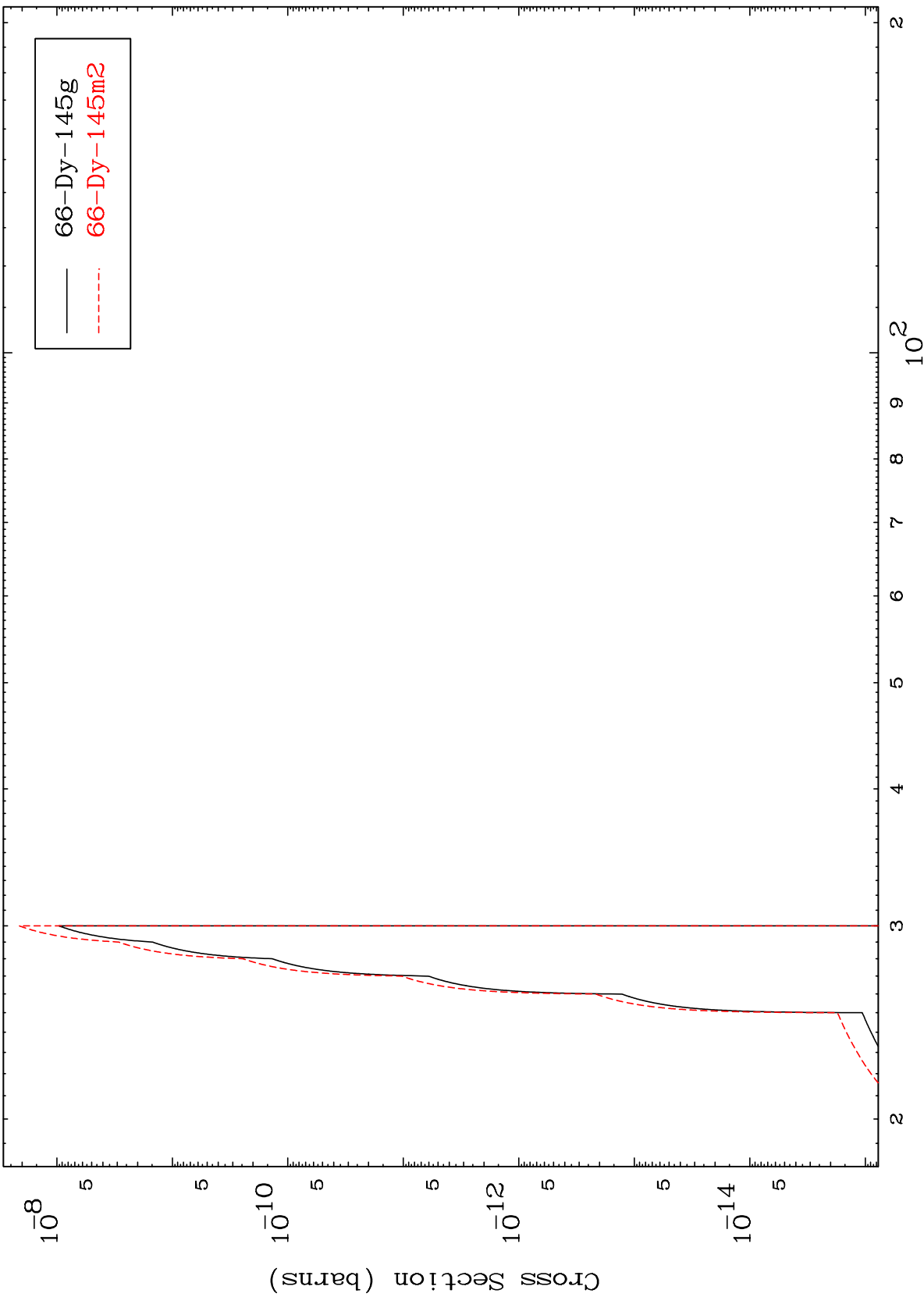
(n,2n) α

68-Er-151

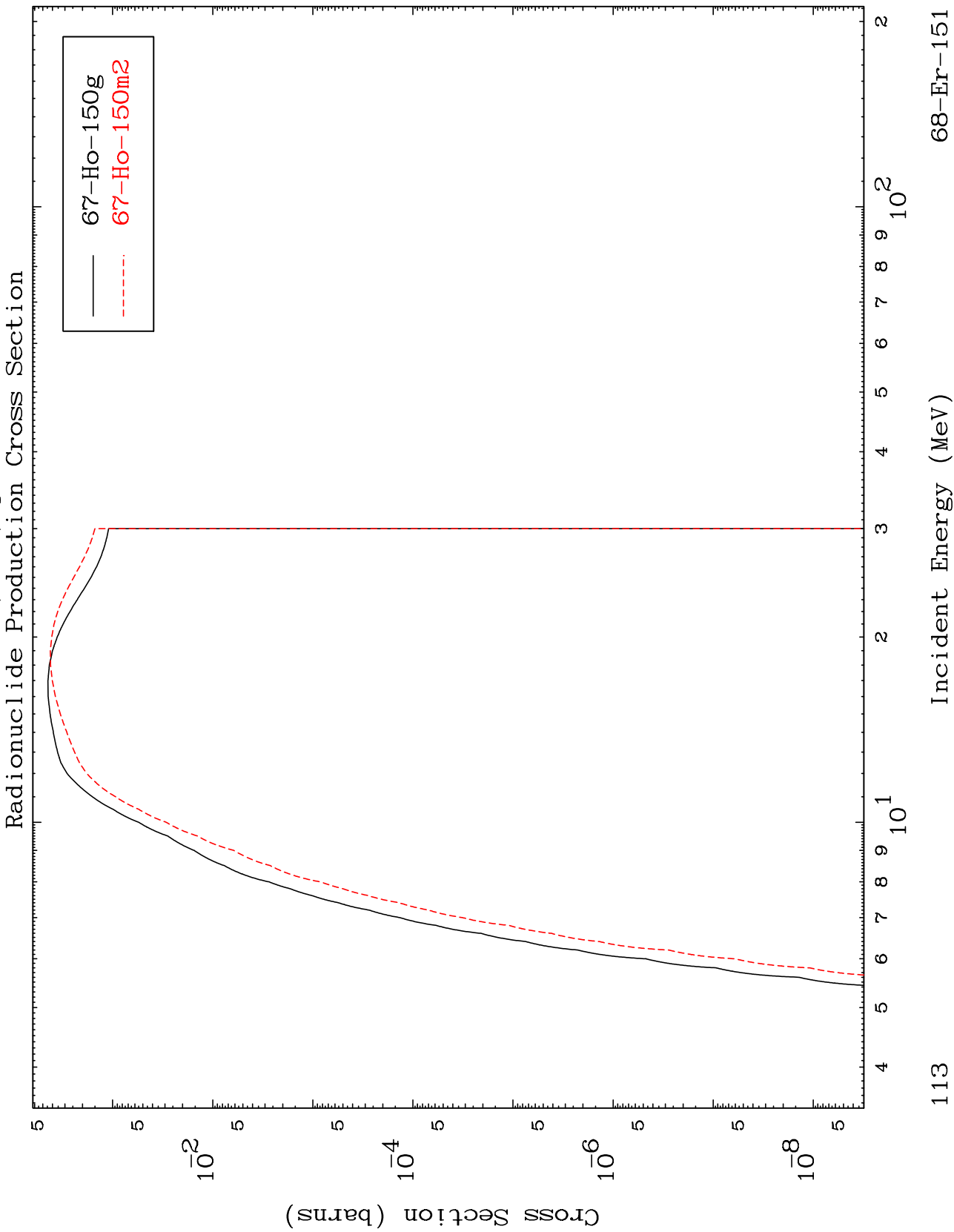


111

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

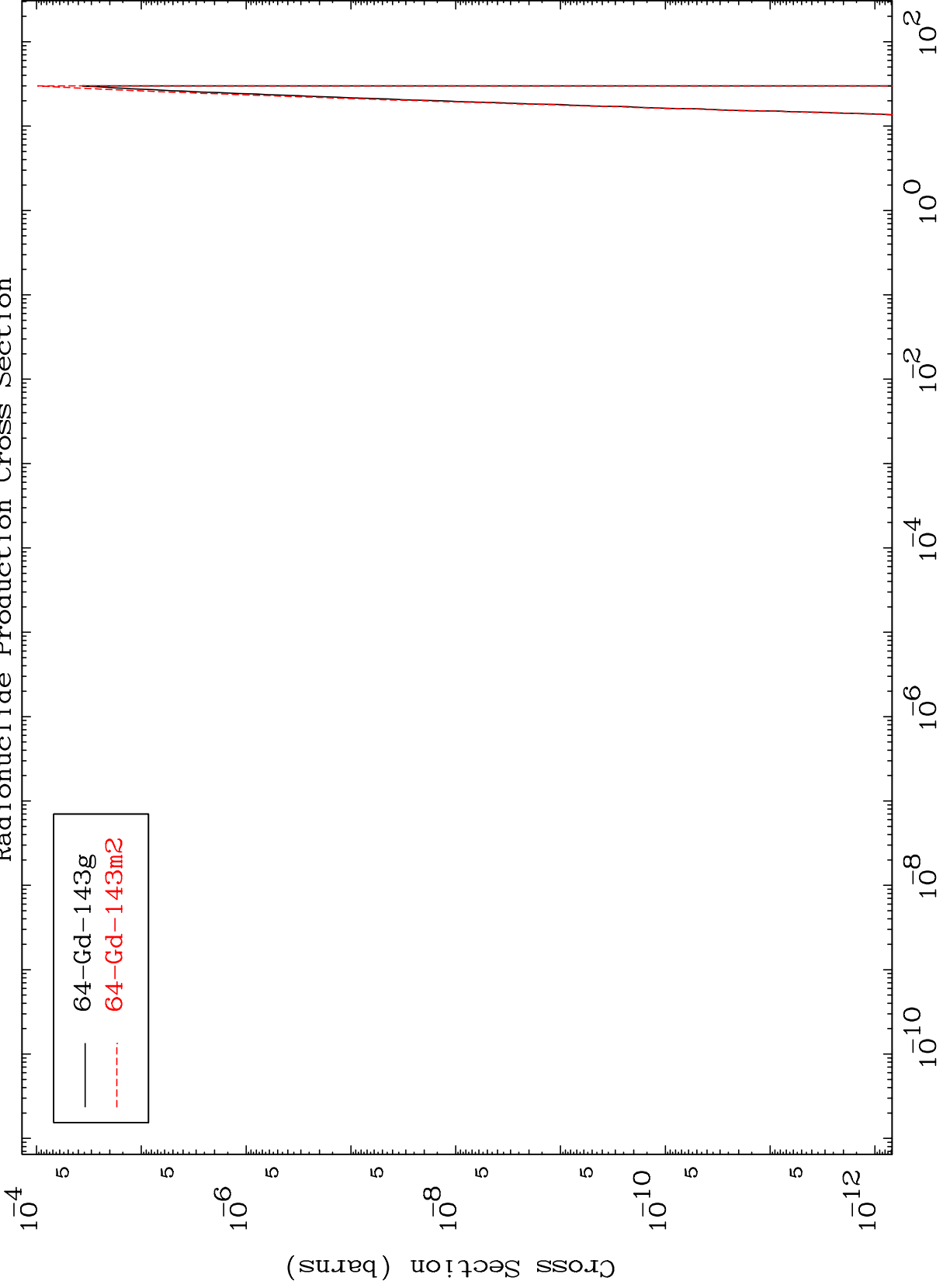


MAT 6792

(n,n') 2 α

68-Er-151

Radionuclide Production Cross Section



114

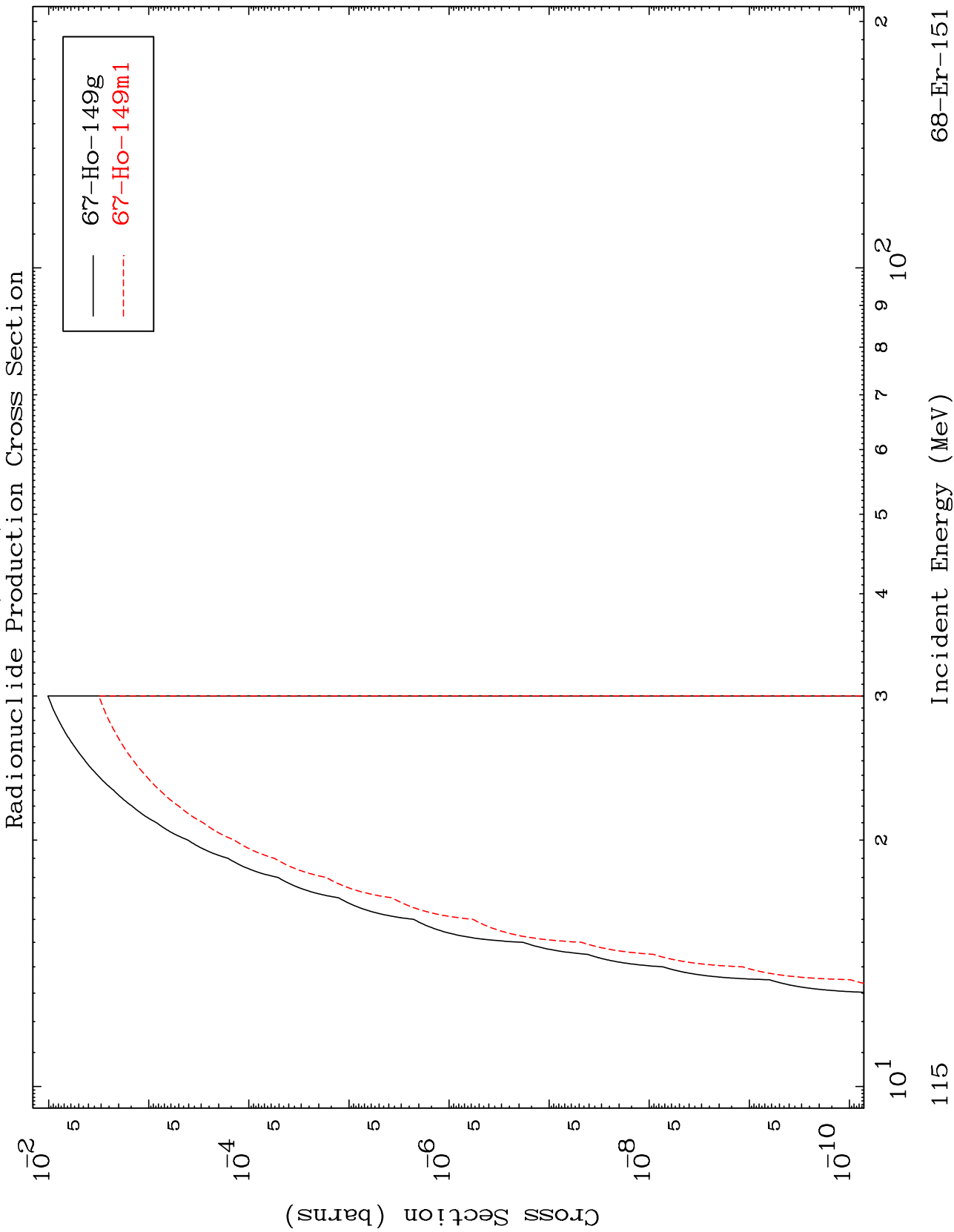
Incident Energy (MeV)

68-Er-151

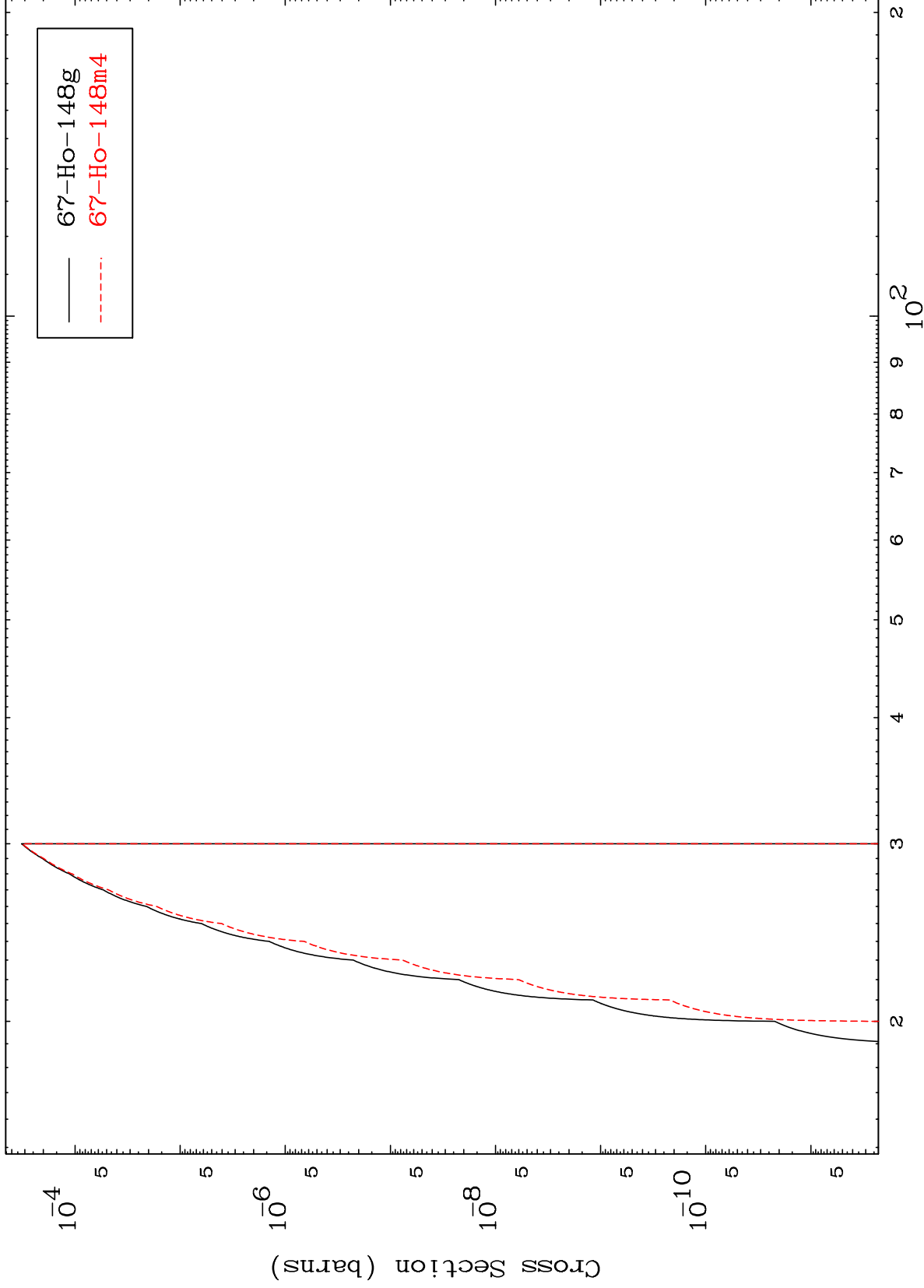
MAT 6792

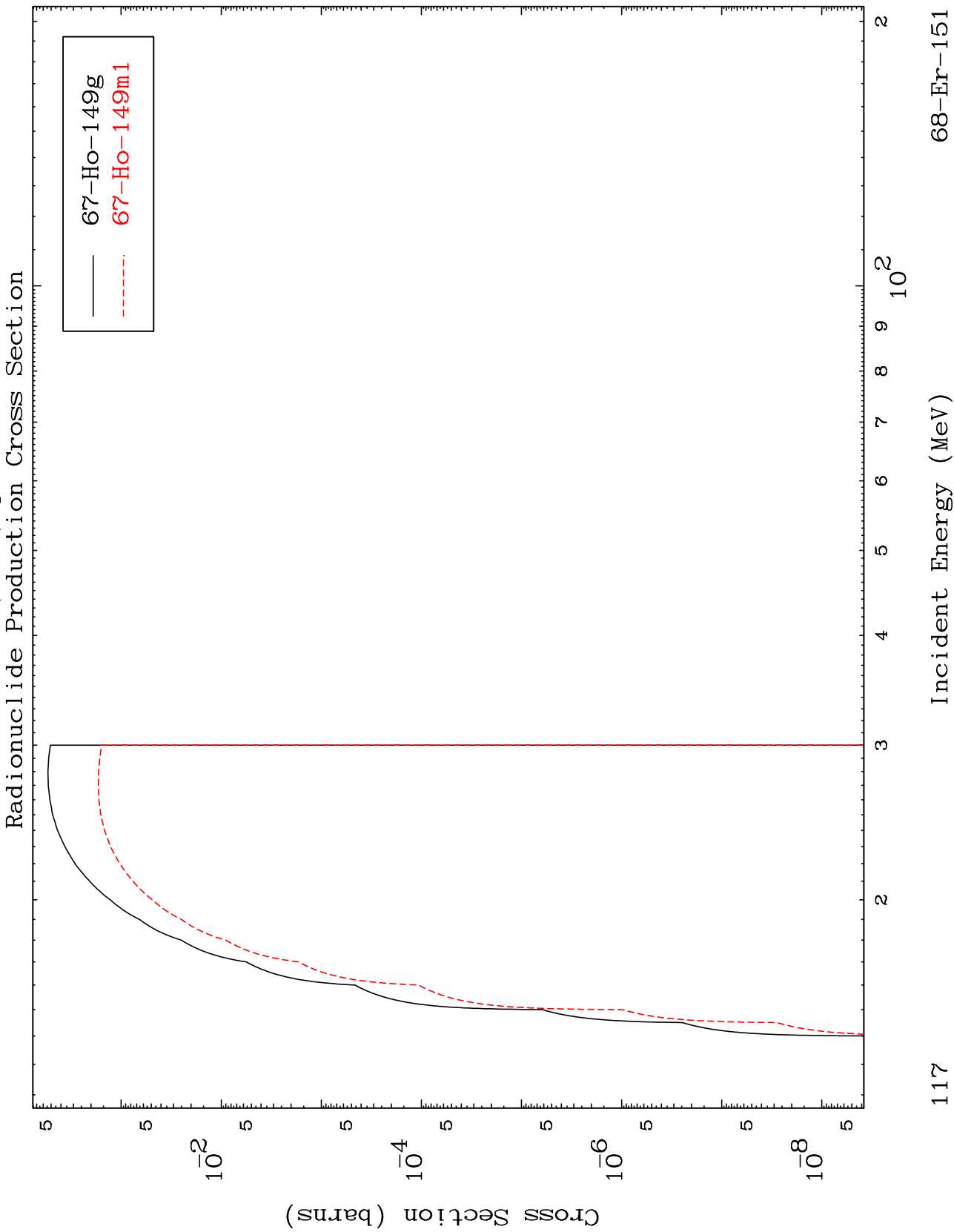
(n,n') d

68-Er-151

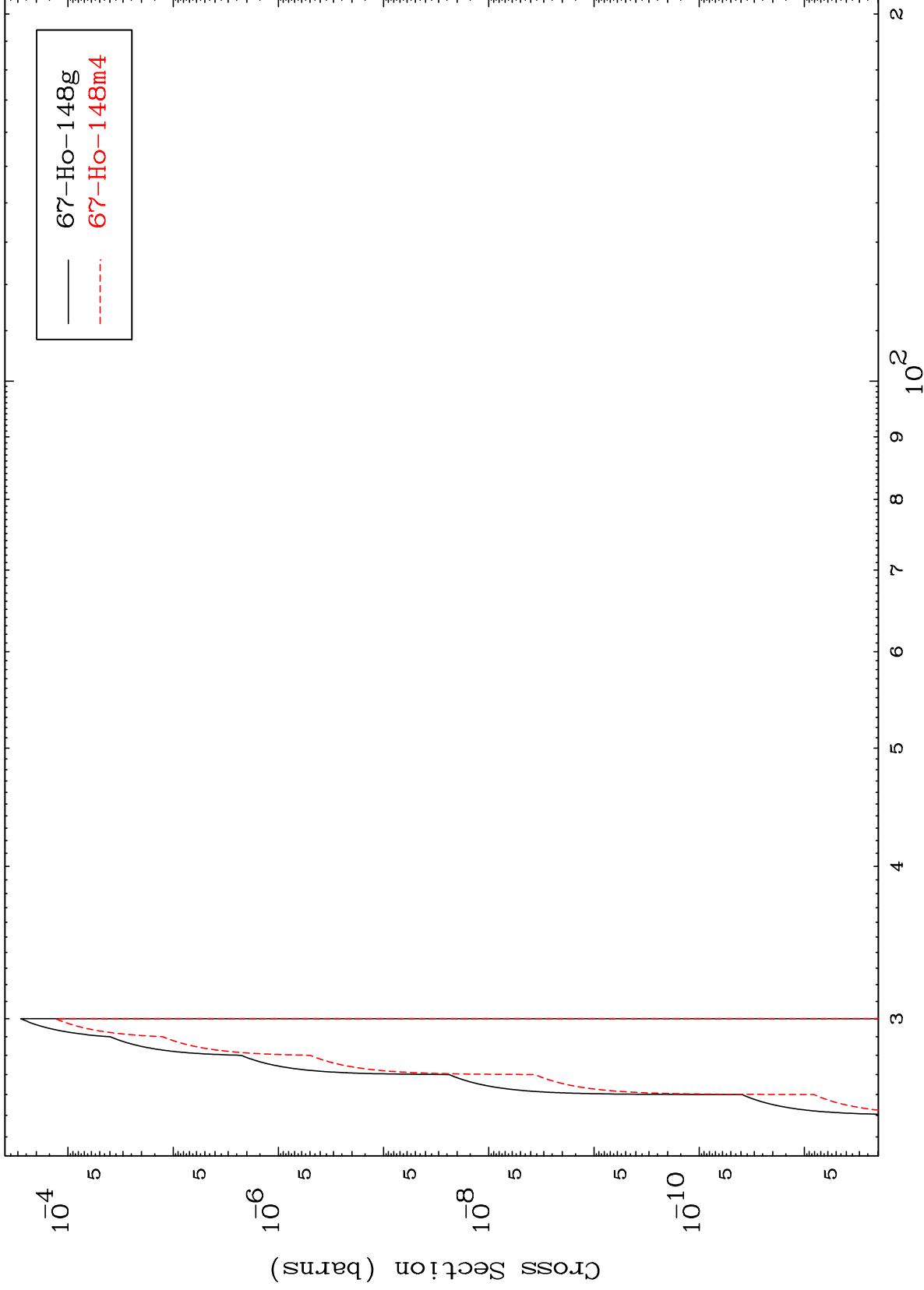


Radionuclide Production Cross Section

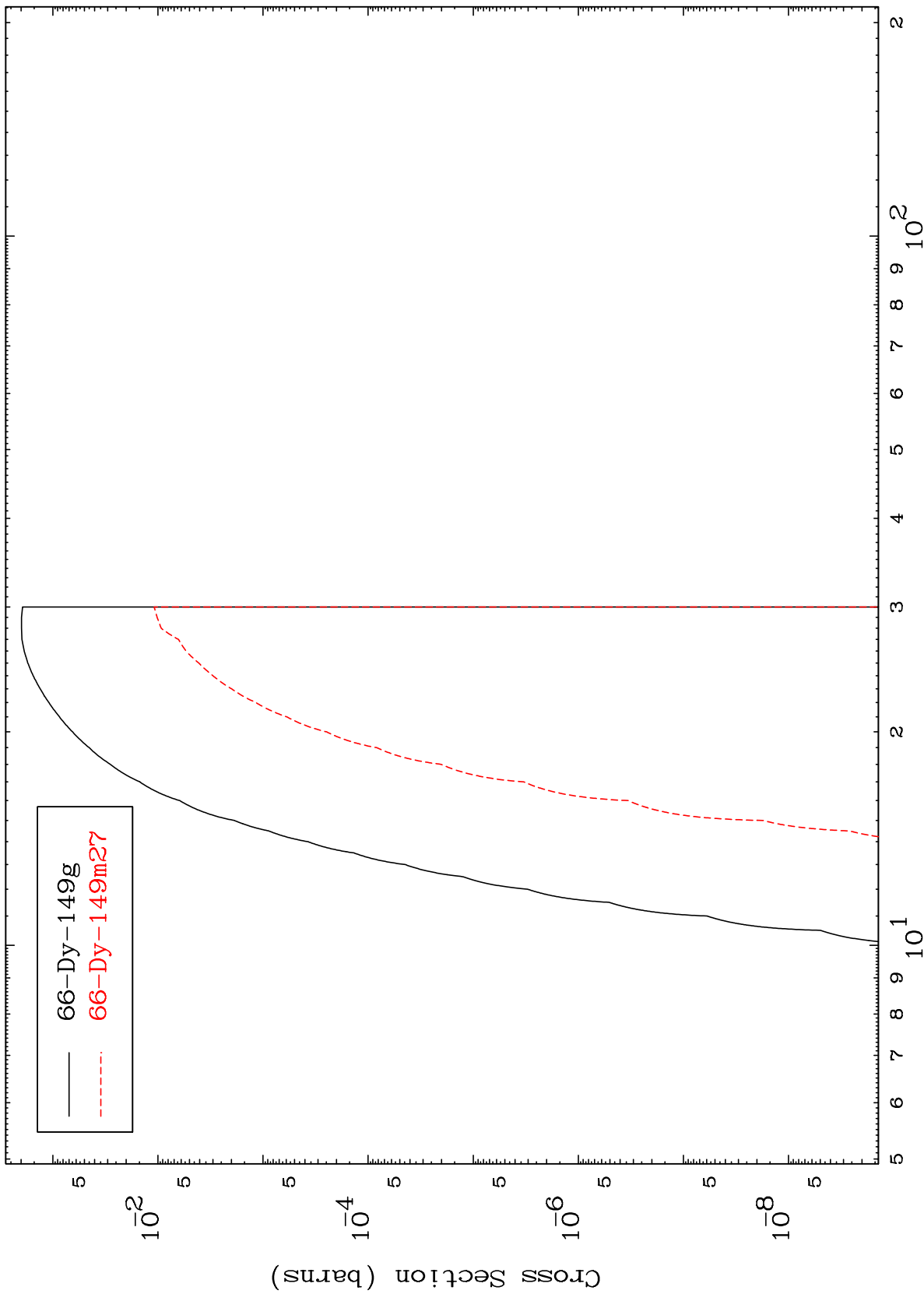




Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section

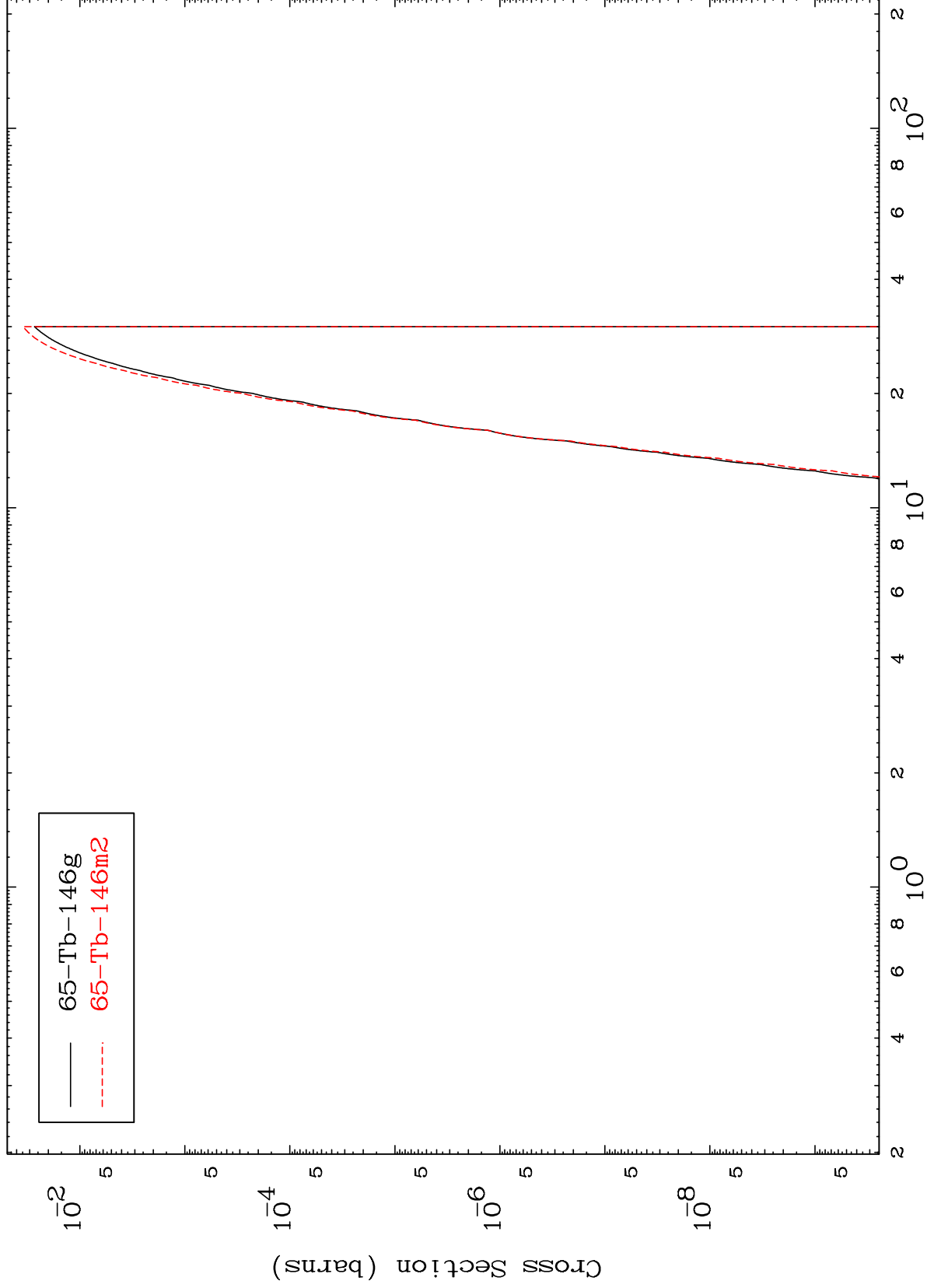


MAT 6792

(n,n') p α

68-Er-151

Radionuclide Production Cross Section



120

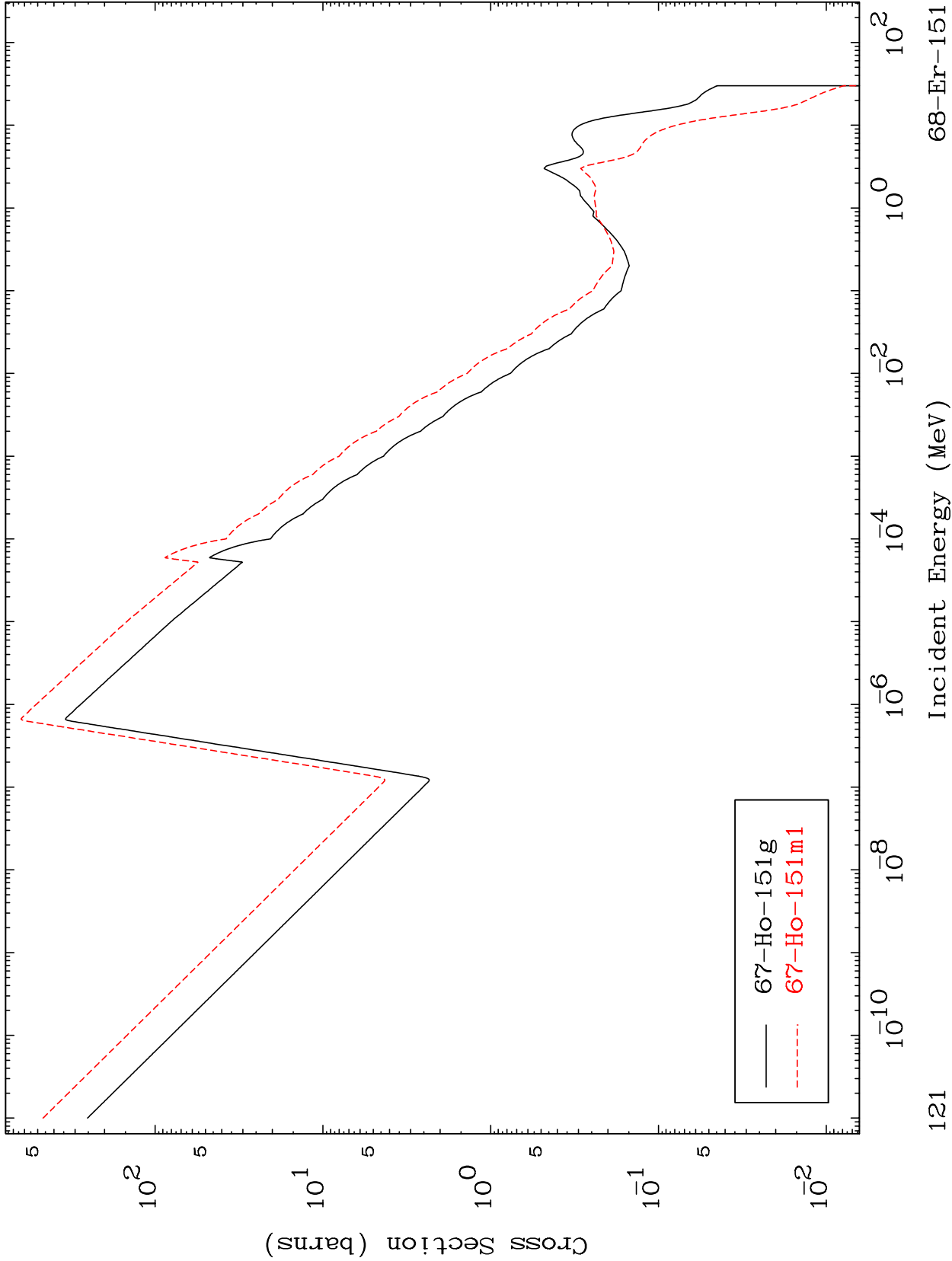
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

(n,p)
Radionuclide Production Cross Section



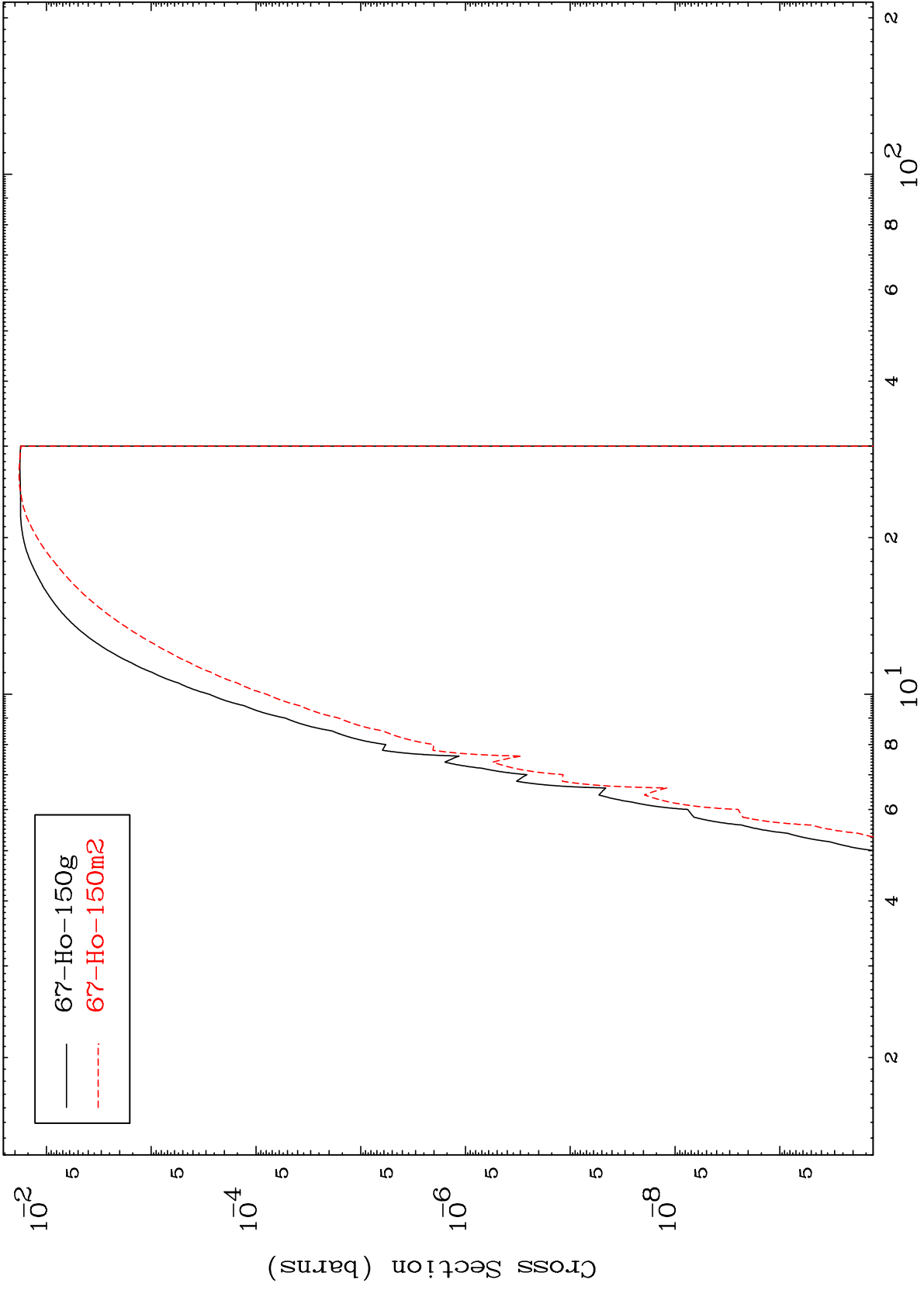
121

68-Er-151

MAT 6792

68-Er-151

(n,d)
Radionuclide Production Cross Section



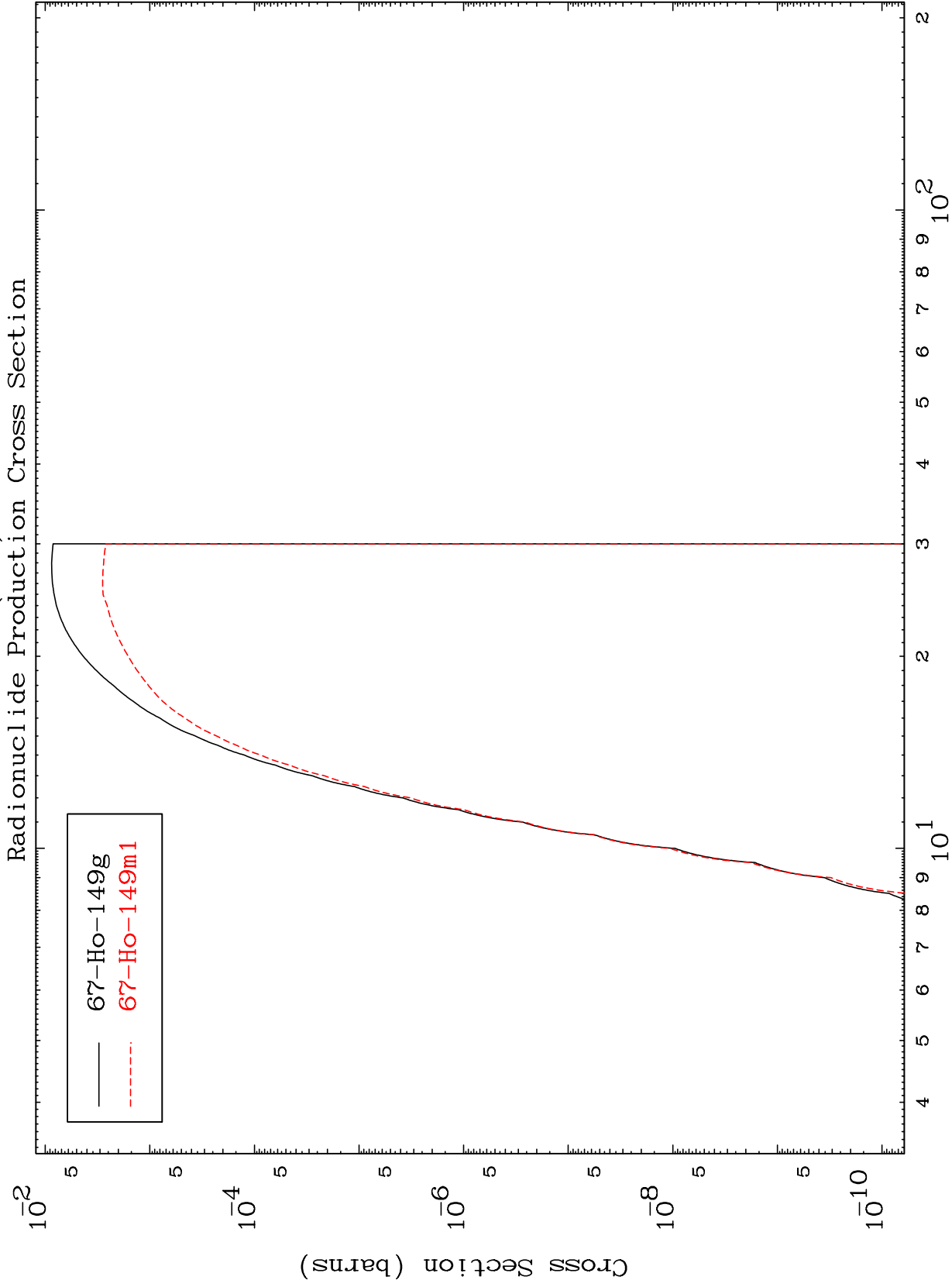
122

Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151



123

Incident Energy (MeV)

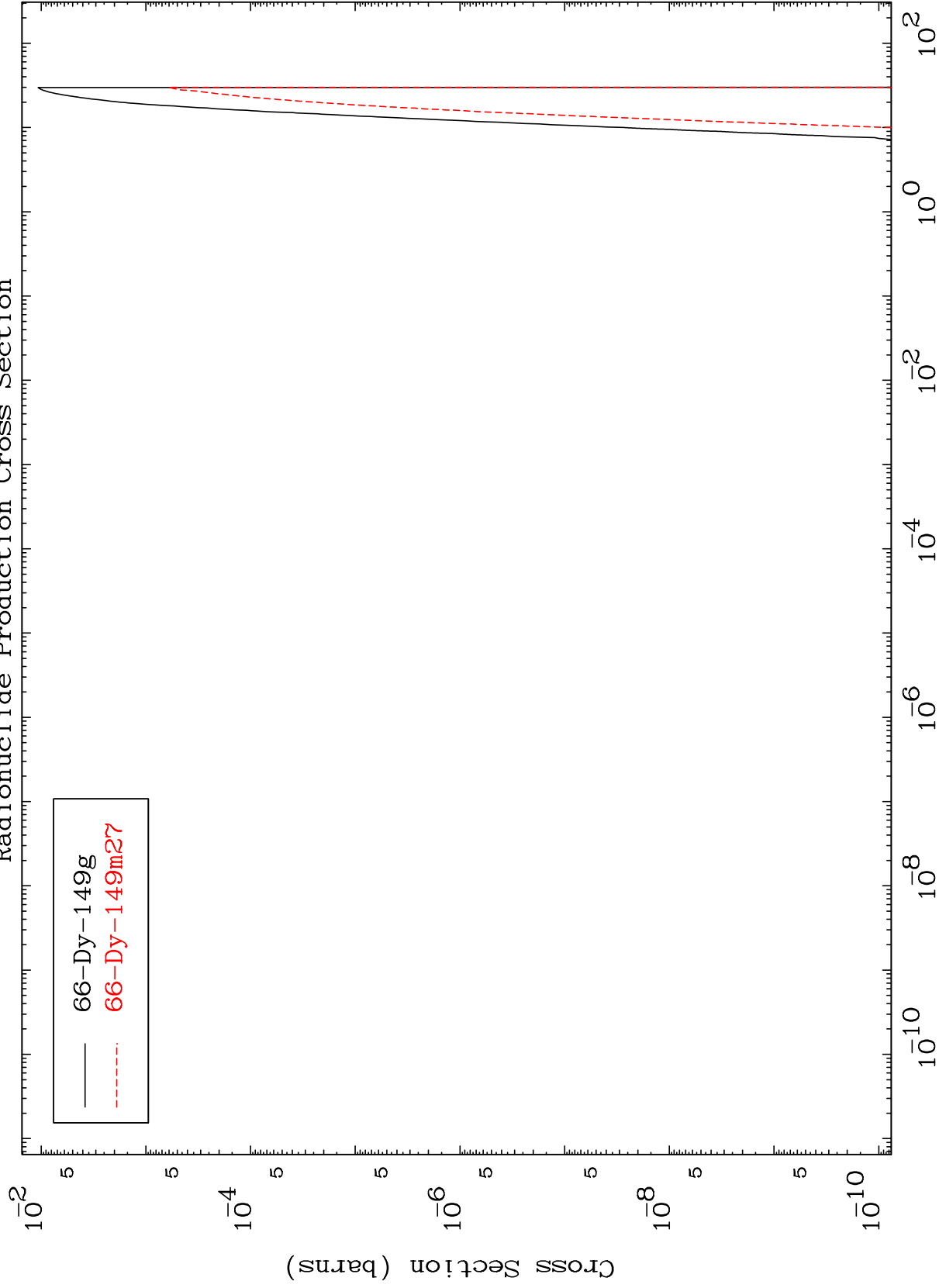
68-Er-151

MAT 6792

(n,He-3)

68-Er-151

Radionuclide Production Cross Section



124

Incident Energy (MeV)

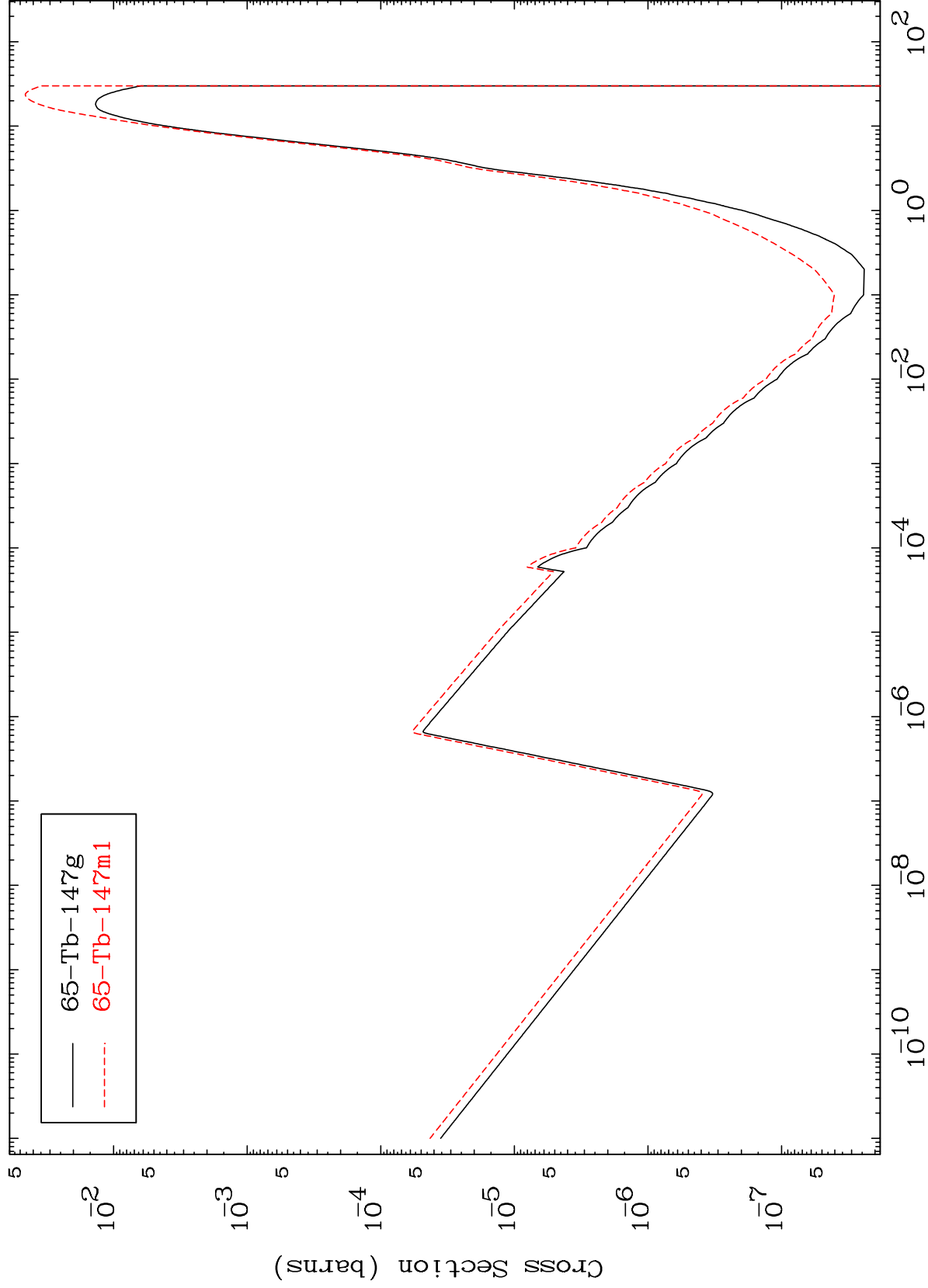
68-Er-151

MAT 6792

(n,p) α

68-Er-151

Radionuclide Production Cross Section

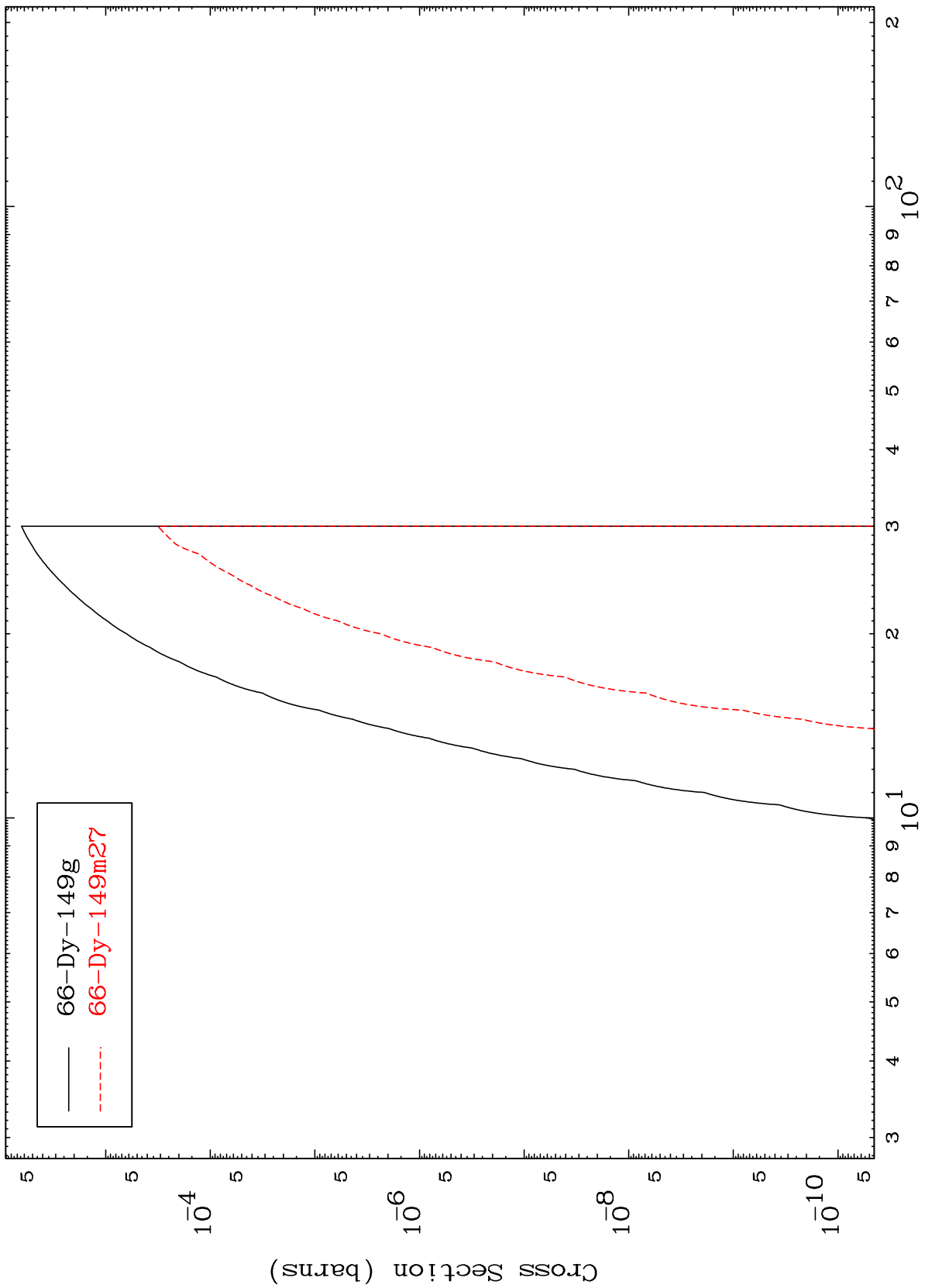


125

Incident Energy (MeV)

68-Er-151

Radionuclide Production Cross Section



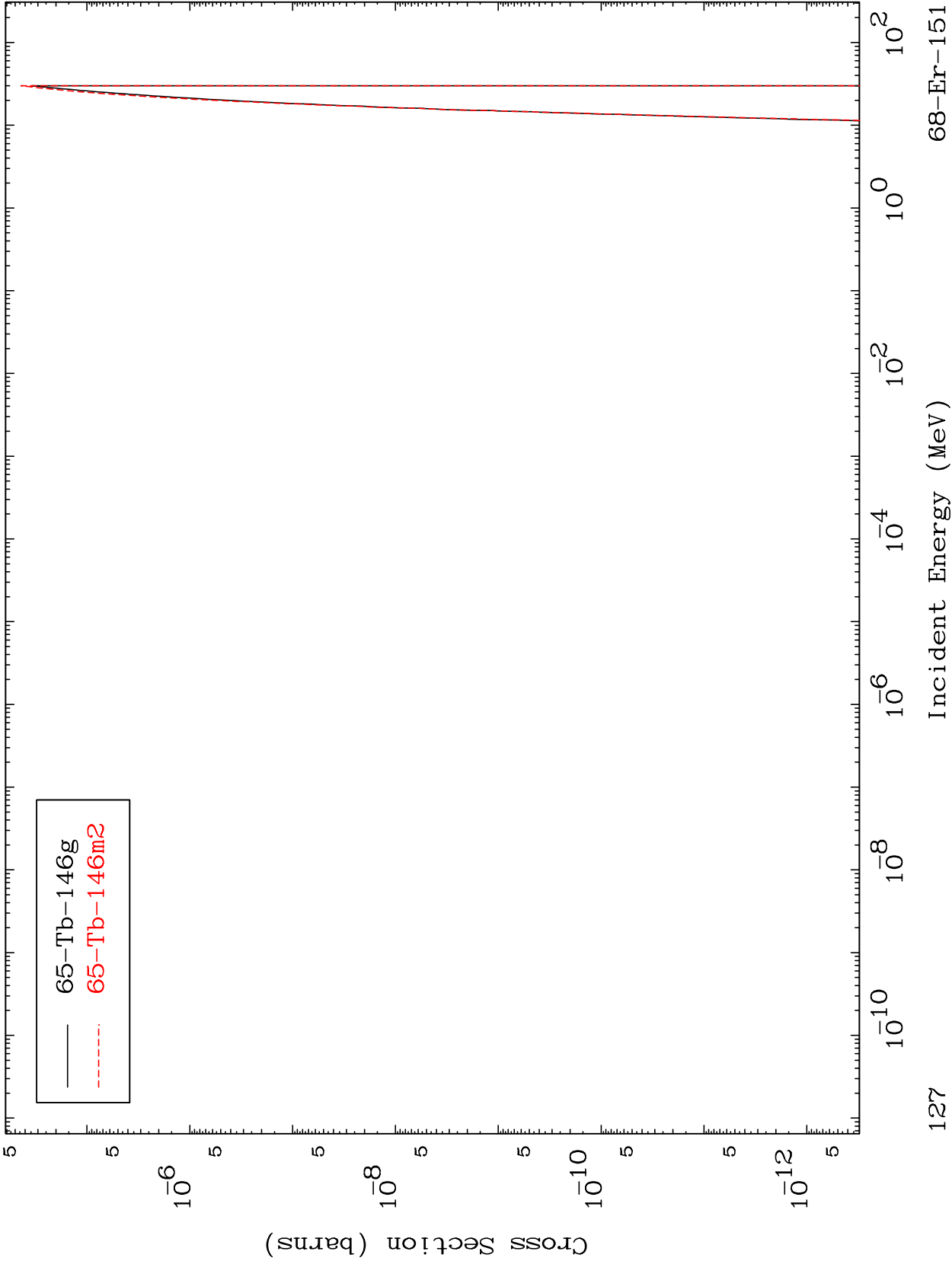
66-Dy-149g
66-Dy-149m27

MAT 6792

(n,d) α

68-Er-151

Radionuclide Production Cross Section



127

Incident Energy (MeV)

68-Er-151