

Program EVALPLOT
(Version 2017-1)

by

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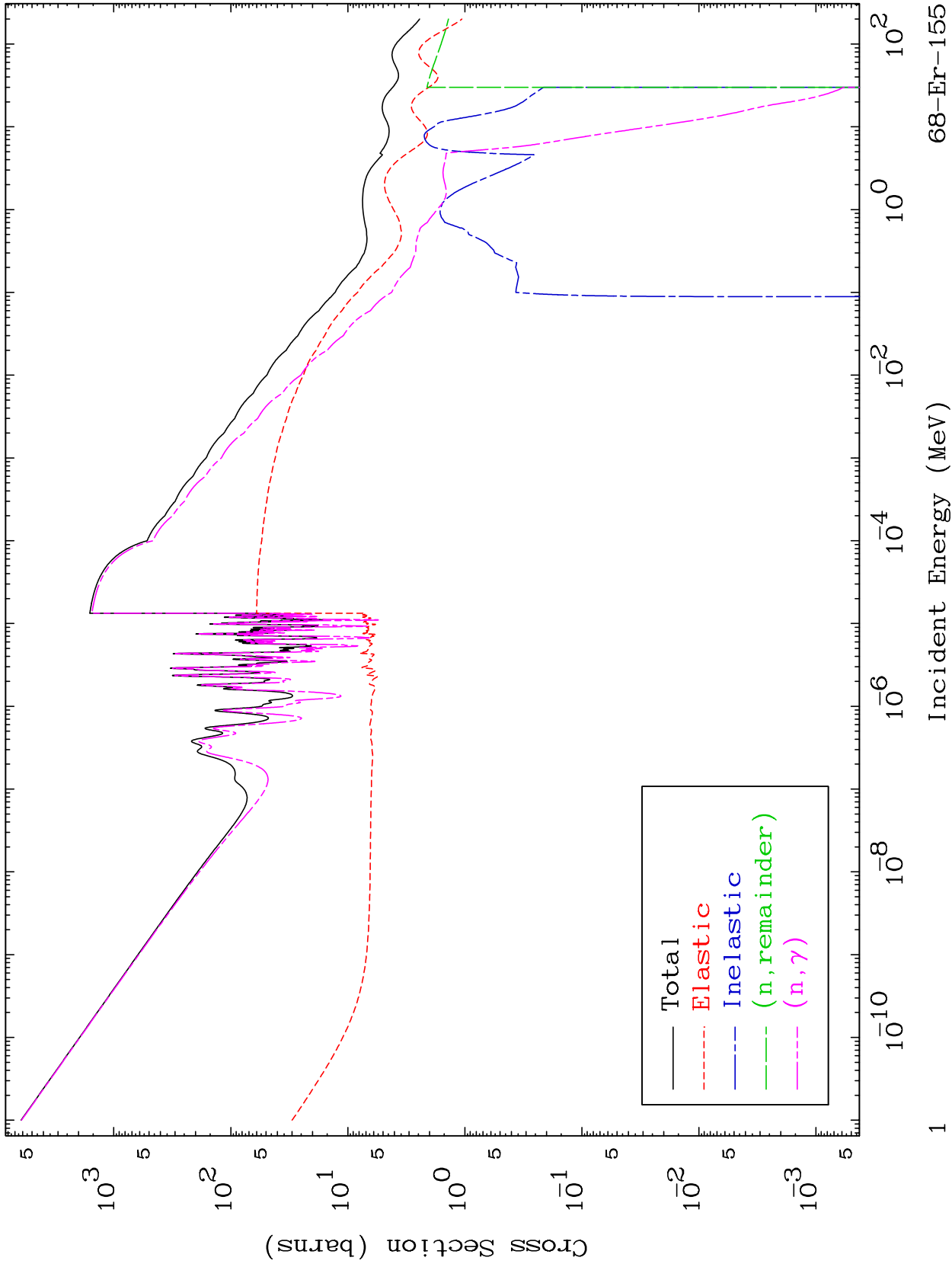
Press Mouse Button to Start

MAT 6804

Major

293 Kelvin Cross Sections

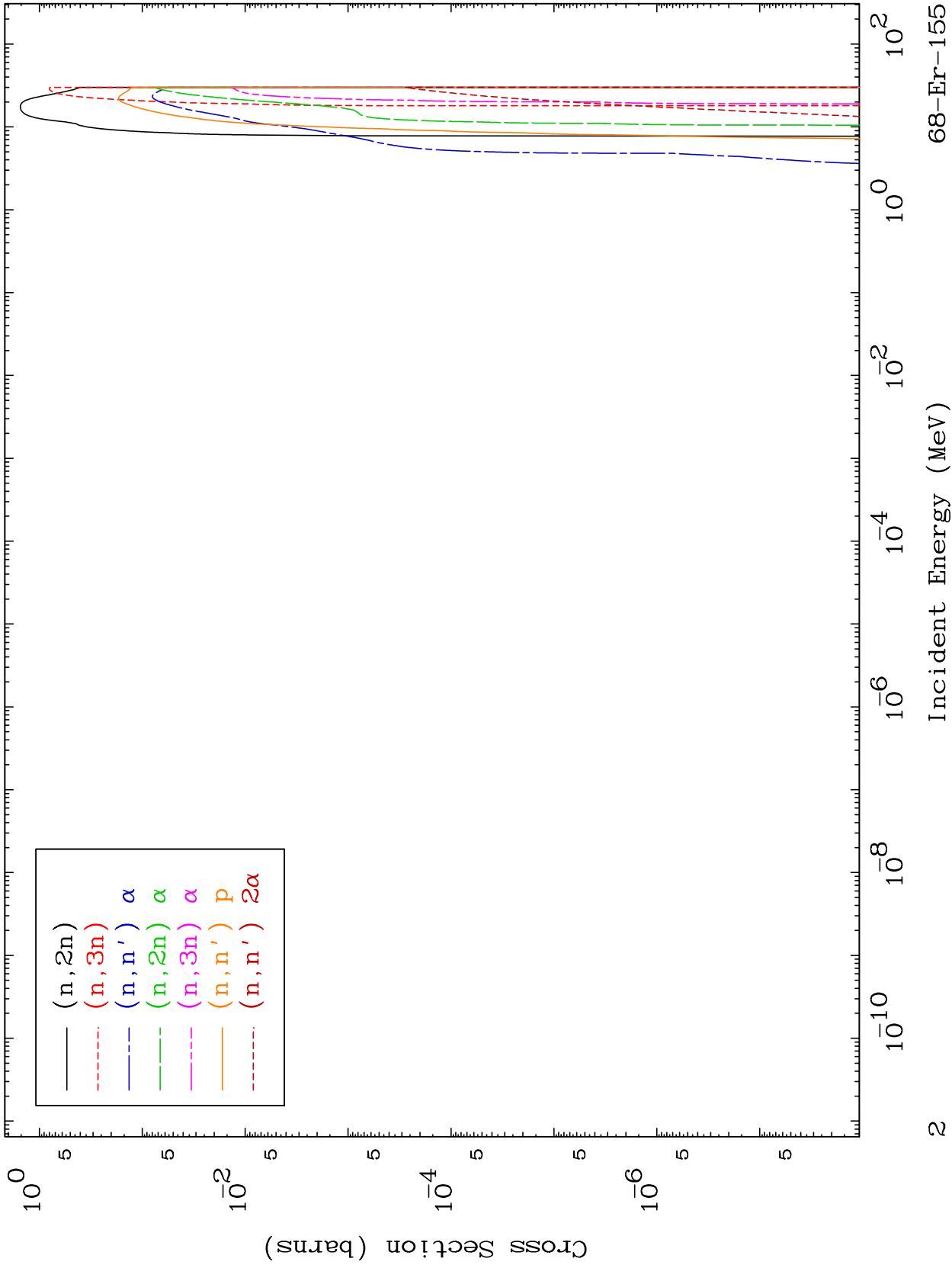
68-Er-155



MAT 6804

Neutron Production
293 Kelvin Cross Sections

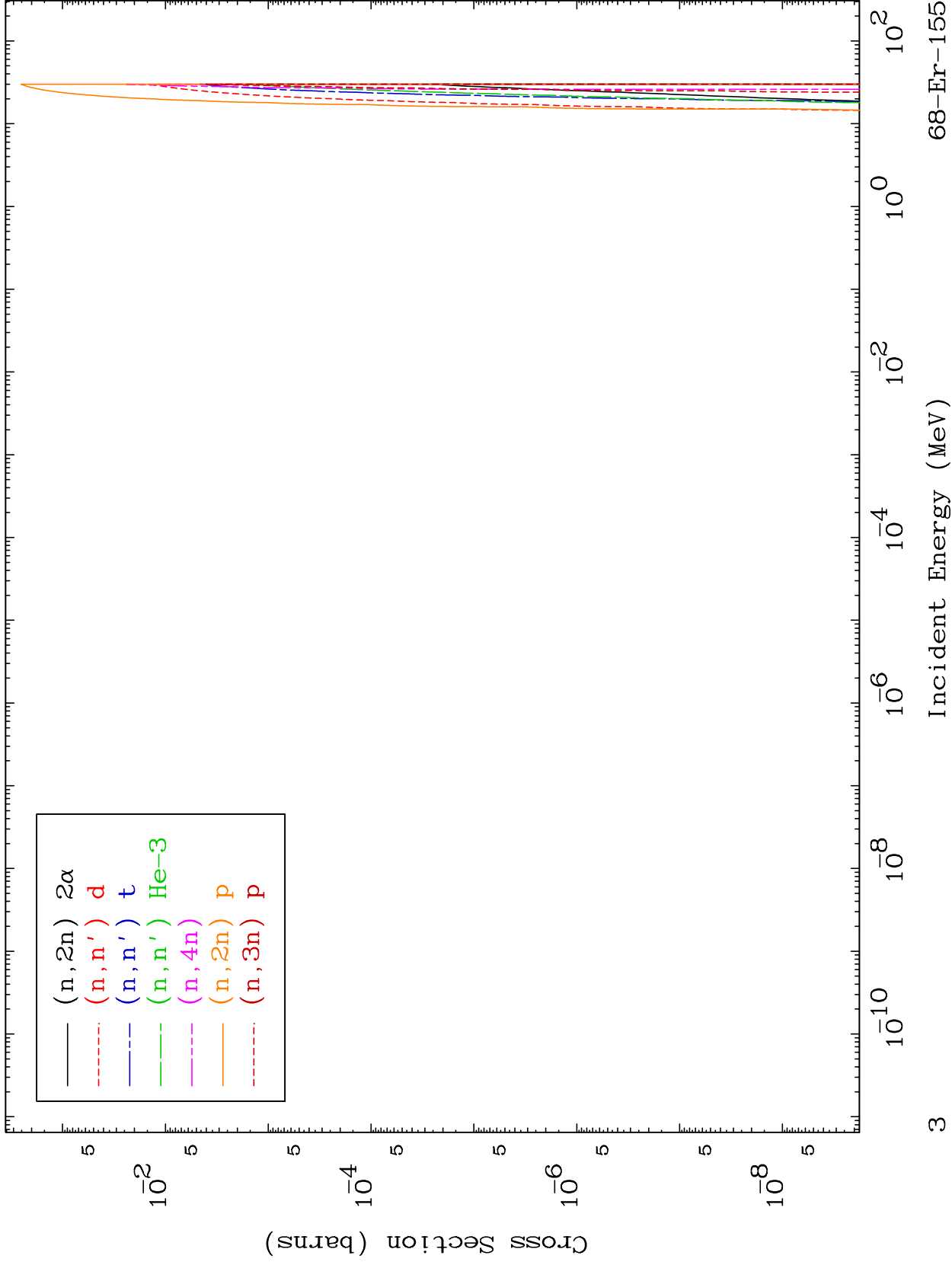
68-Er-155



MAT 6804

Neutron Production
293 Kelvin Cross Sections

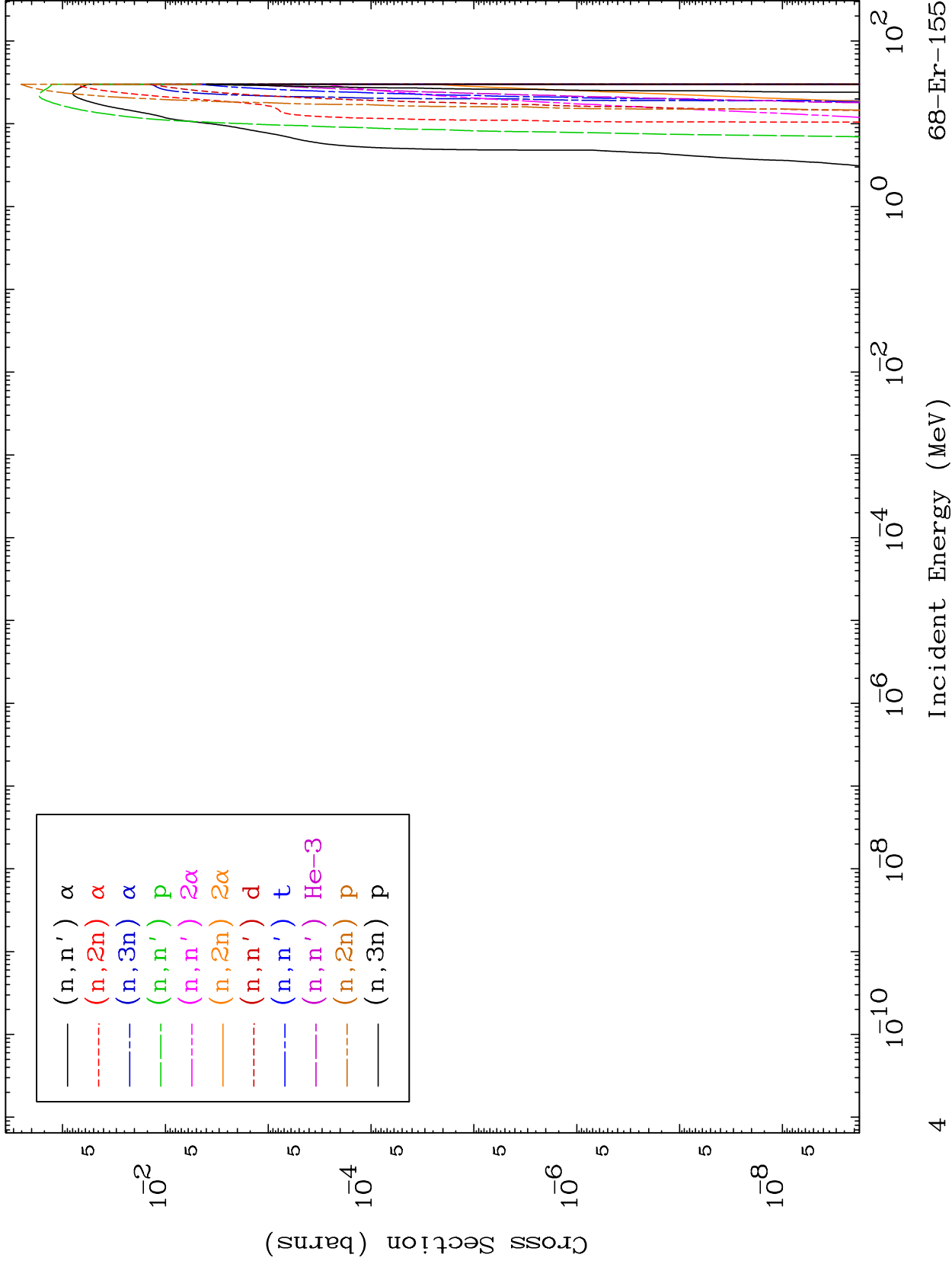
68-Er-155



MAT 6804

Charged Particle
293 Kelvin Cross Sections

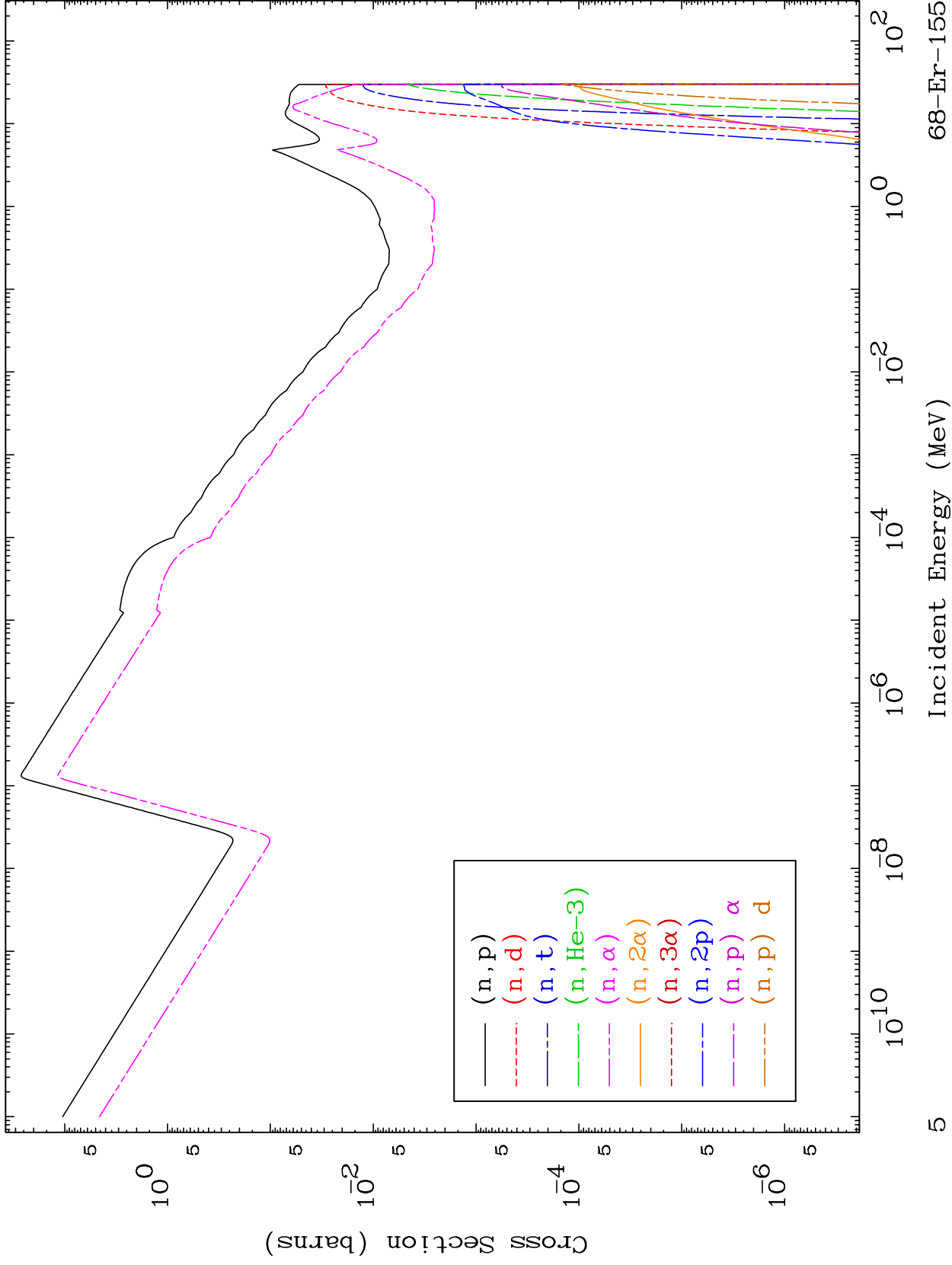
68-Er-155



MAT 6804

Charged Particle
293 Kelvin Cross Sections

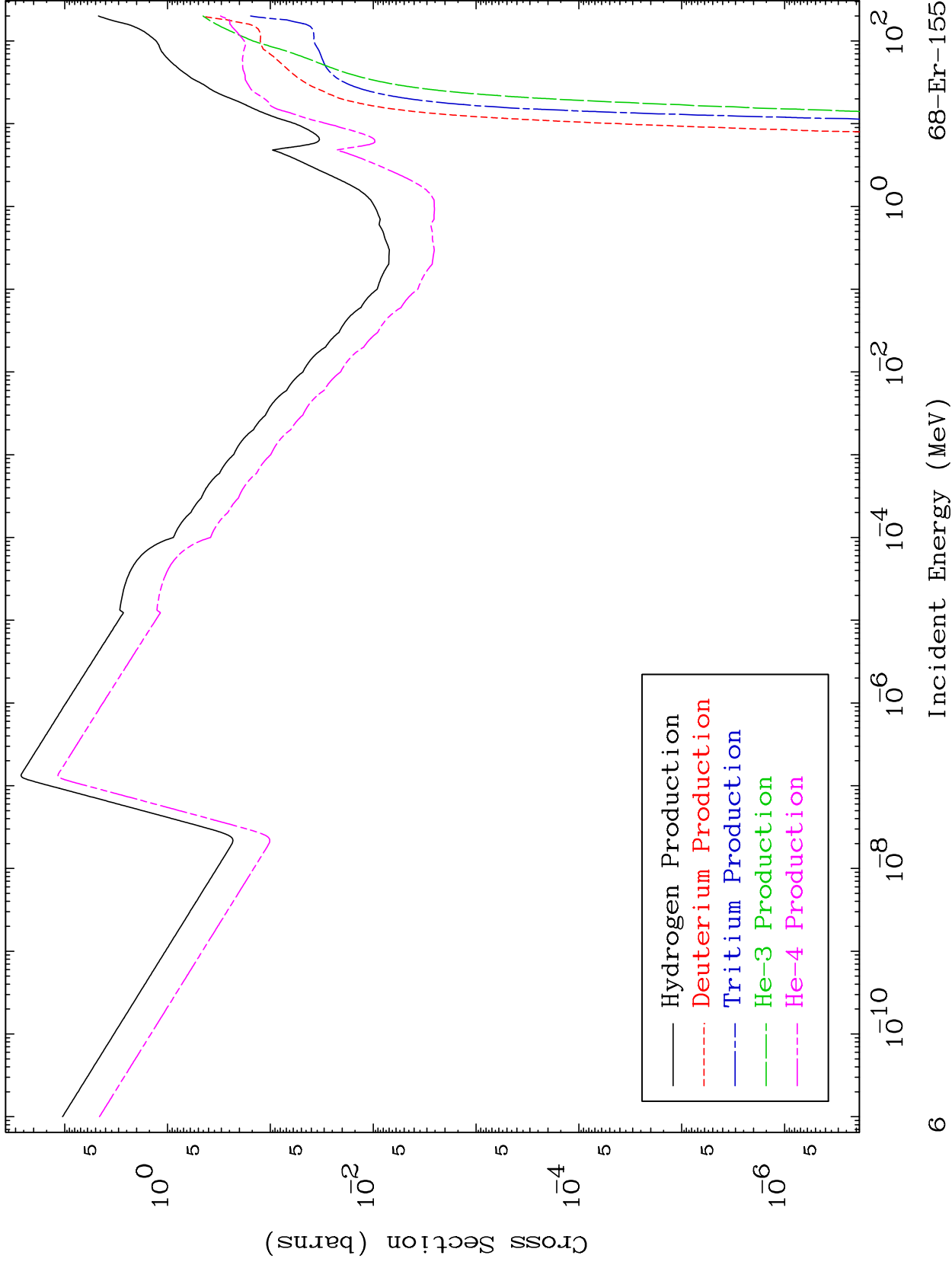
68-Er-155



MAT 6804

Particle Production
293 Kelvin Cross Sections

68-Er-155

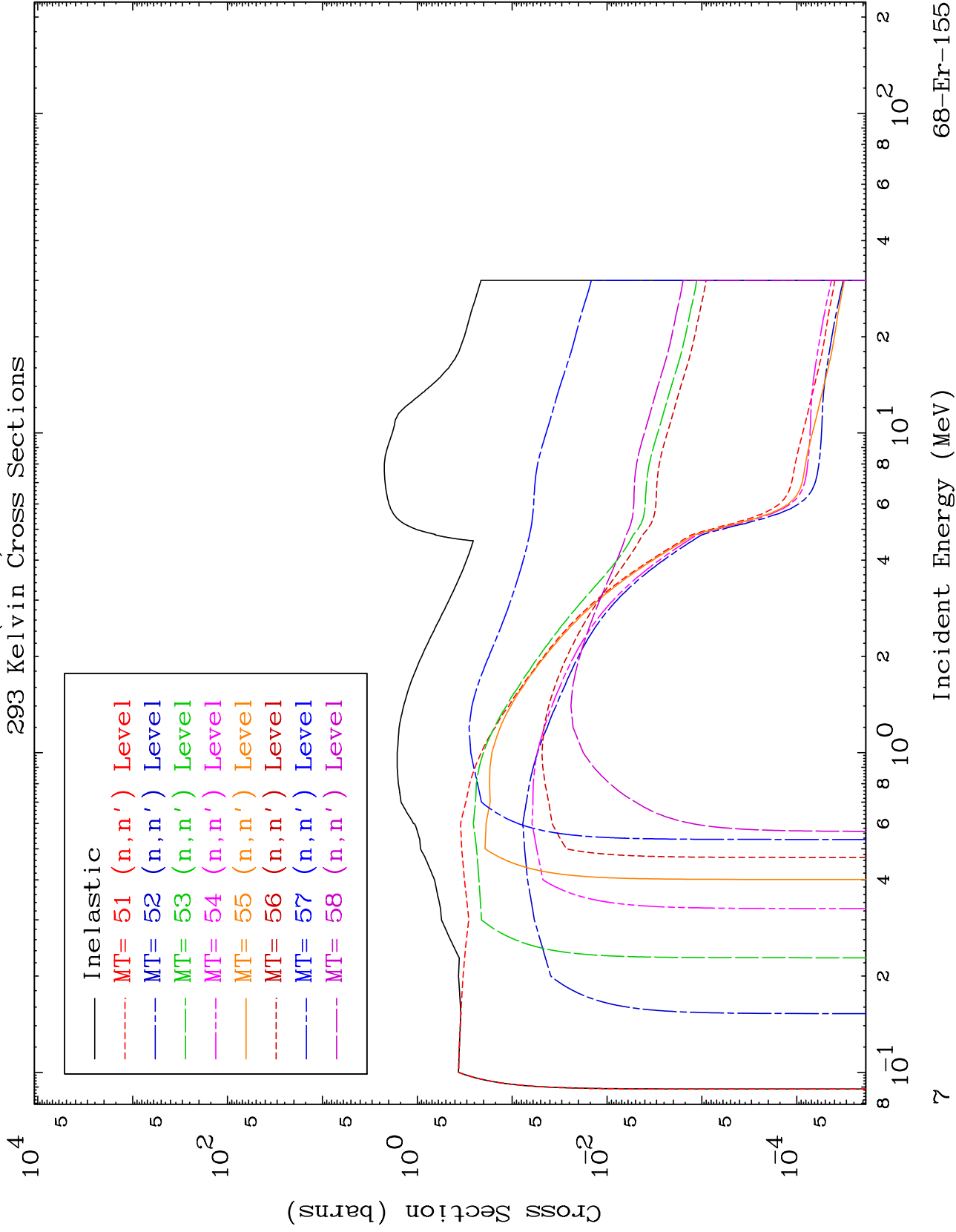


MAT 6804

(n,n') Level

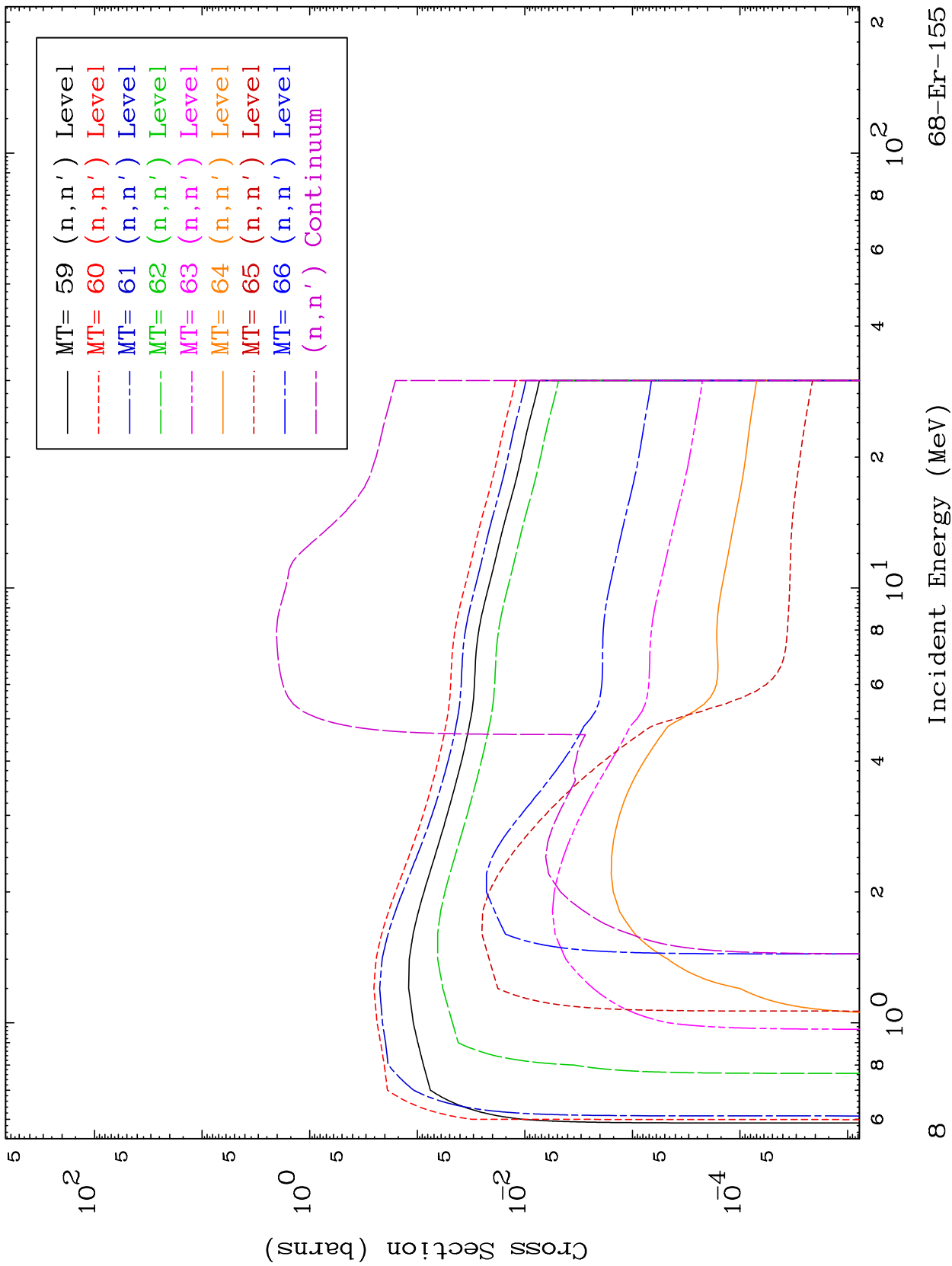
68-Er-155

293 Kelvin Cross Sections



68-Er-155

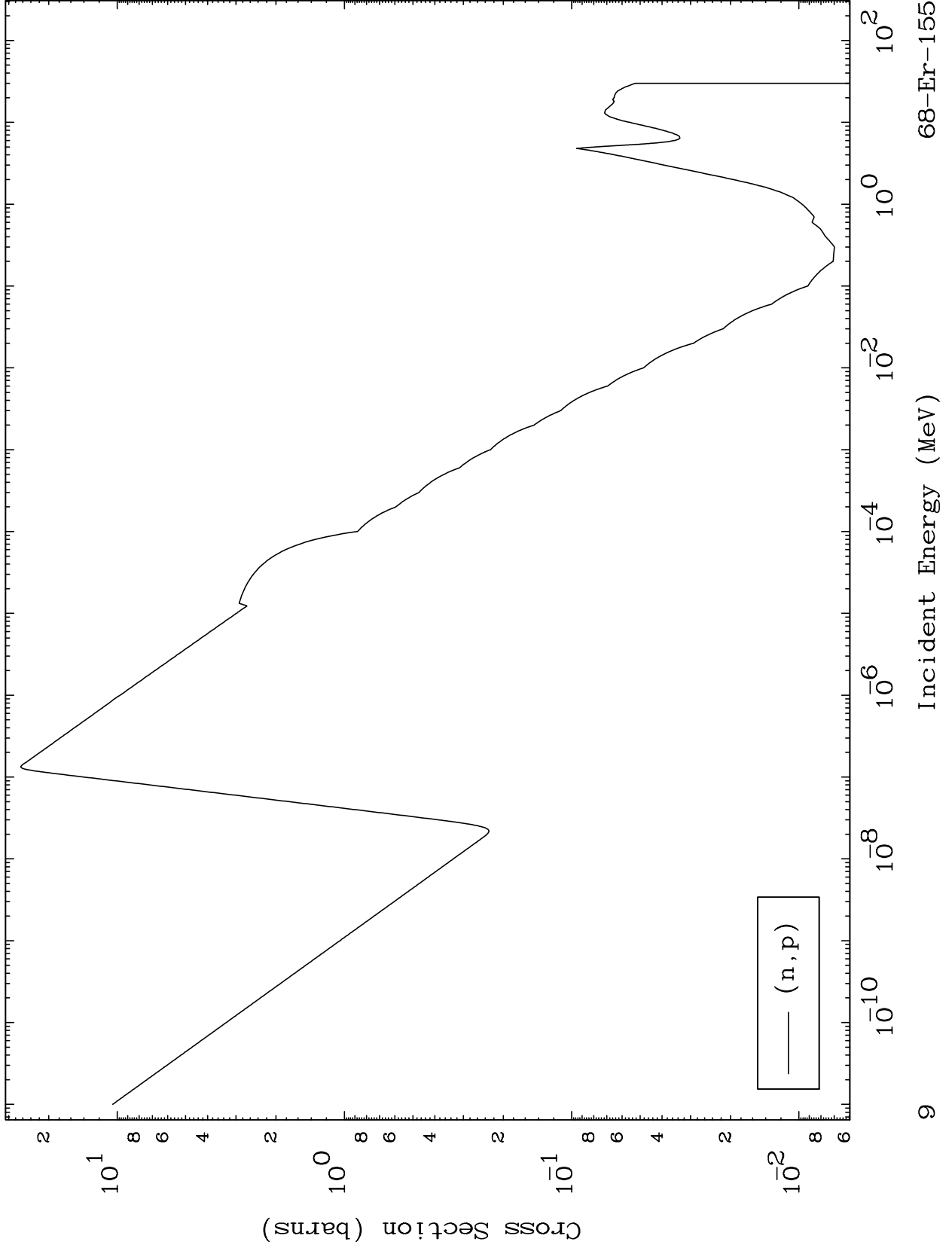
293 Kelvin Cross Sections



MAT 6804

(n,p) Levels
293 Kelvin Cross Sections

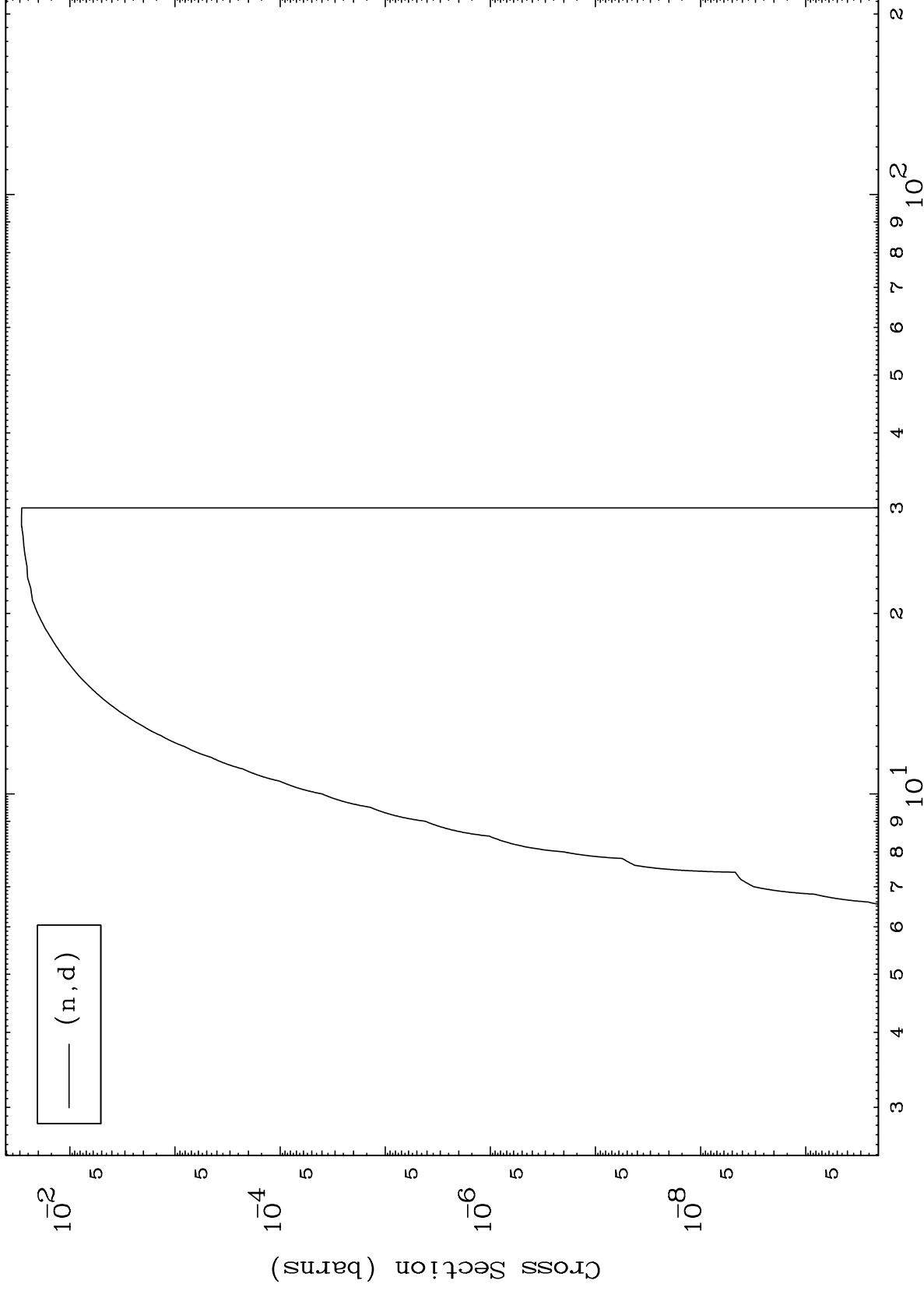
68-Er-155



MAT 6804

(n,d) Levels
293 Kelvin Cross Sections

68-Er-155



10

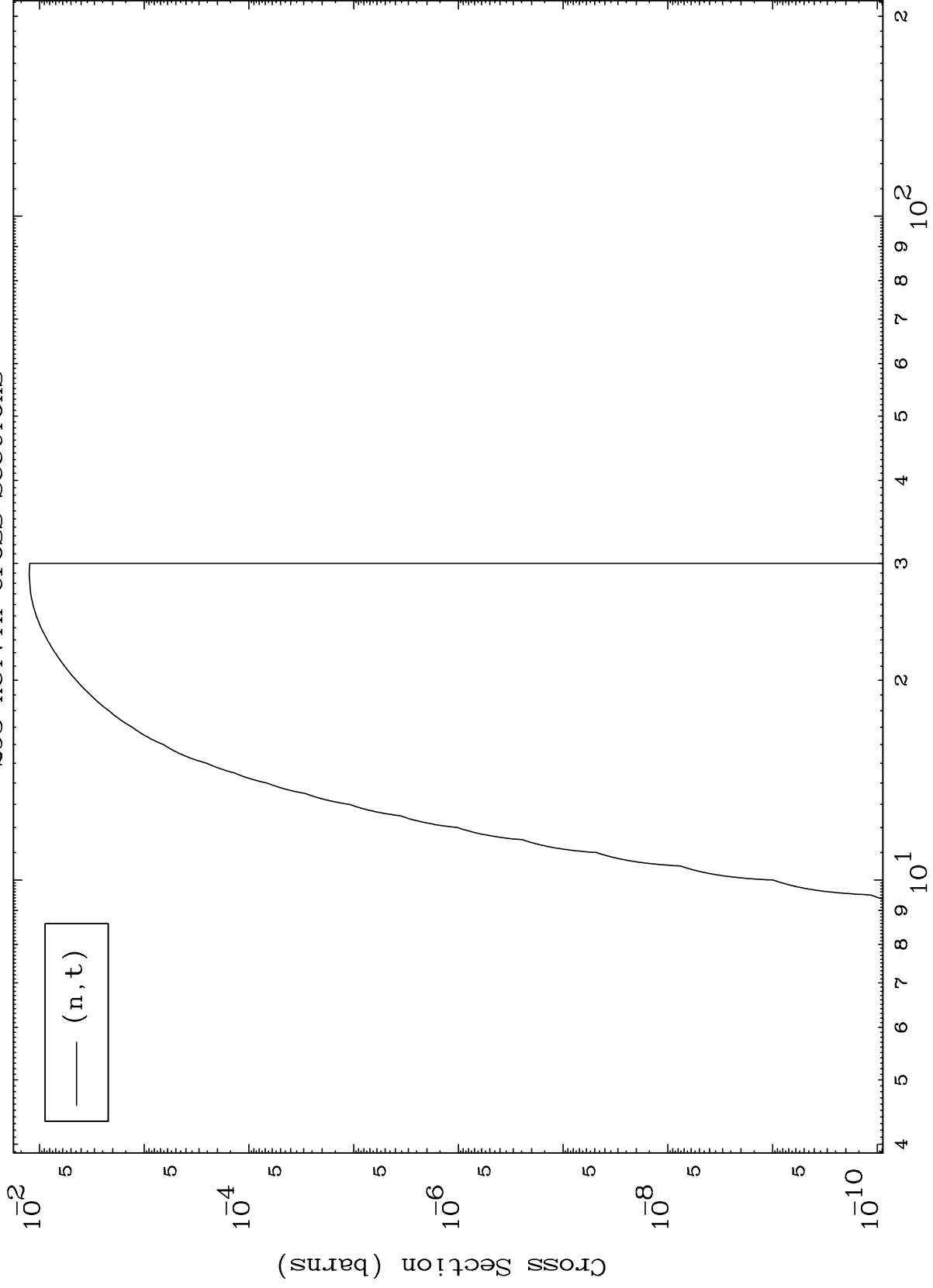
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,t) Levels
293 Kelvin Cross Sections

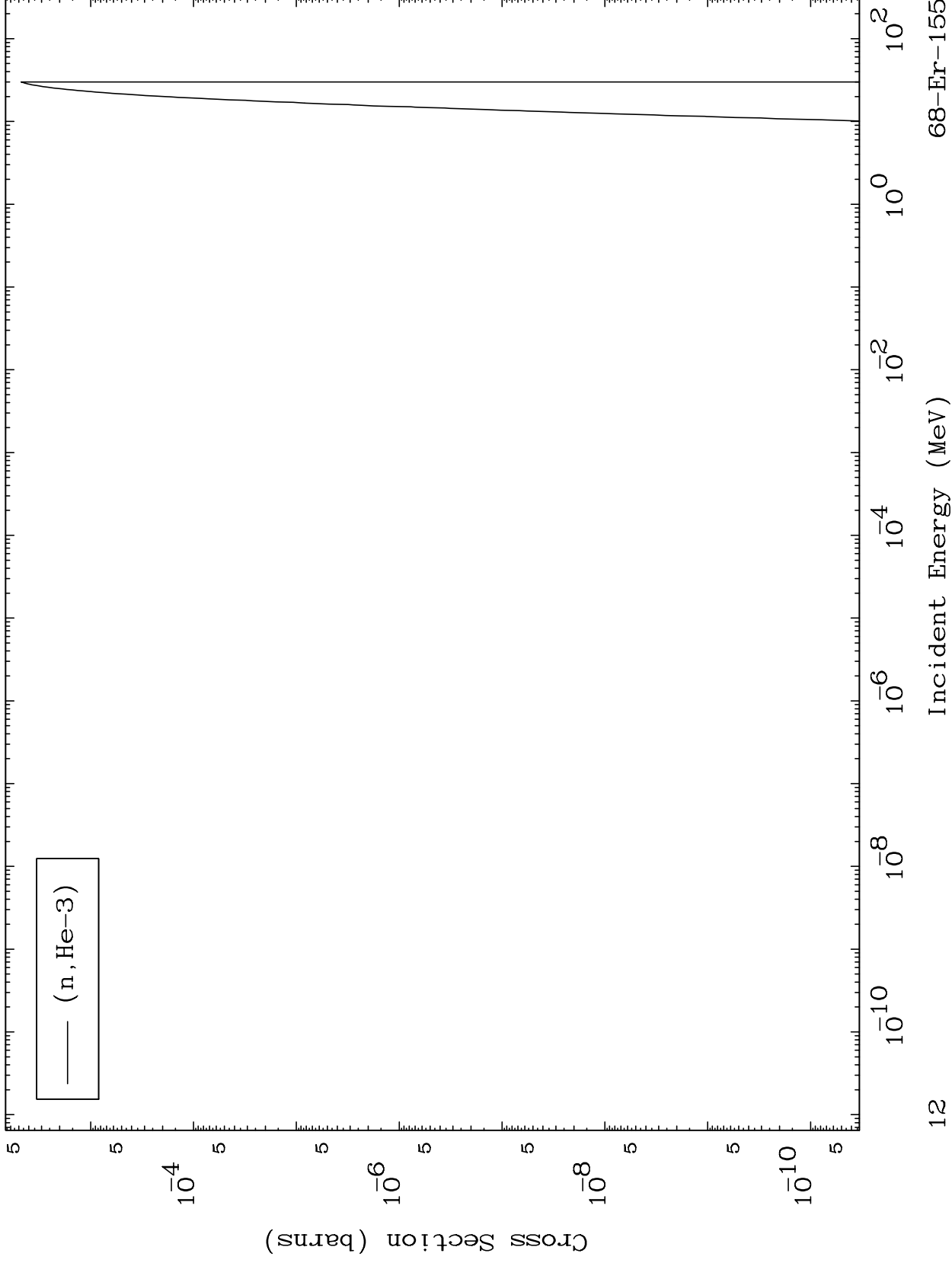
68-Er-155



MAT 6804

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-155



12

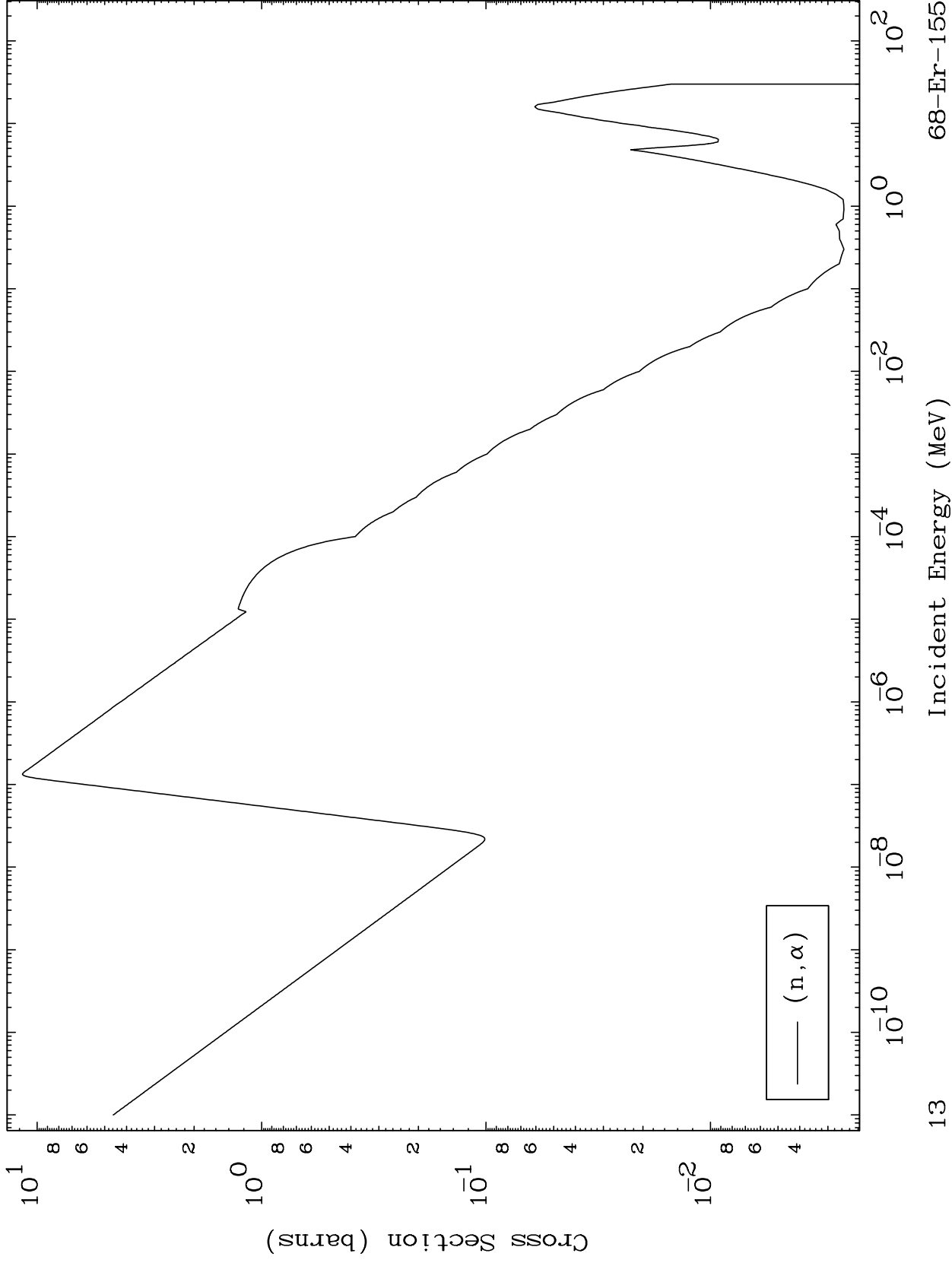
Incident Energy (MeV)

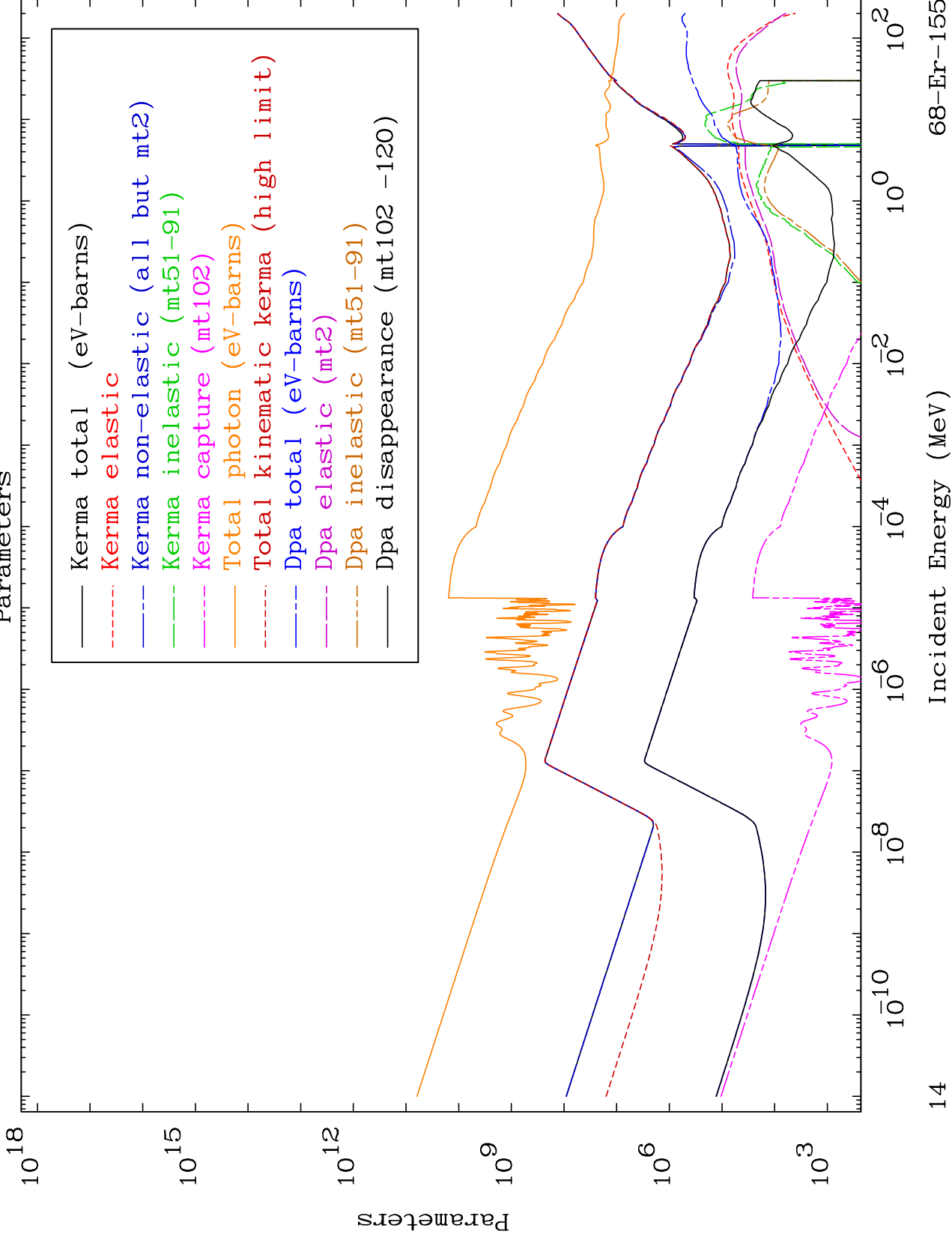
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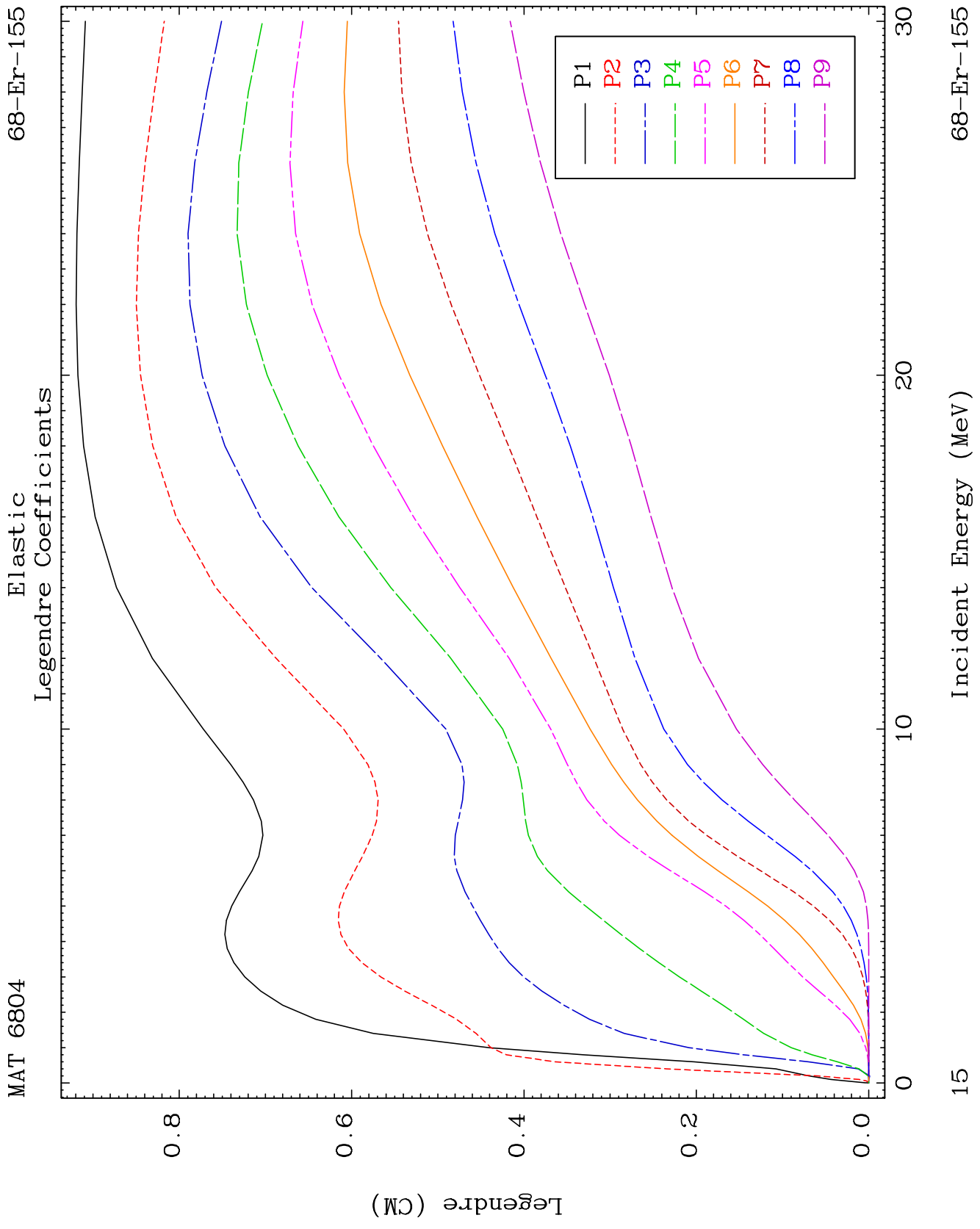
MAT 6804

(n, α) Levels
293 Kelvin Cross Sections

68-Er-155



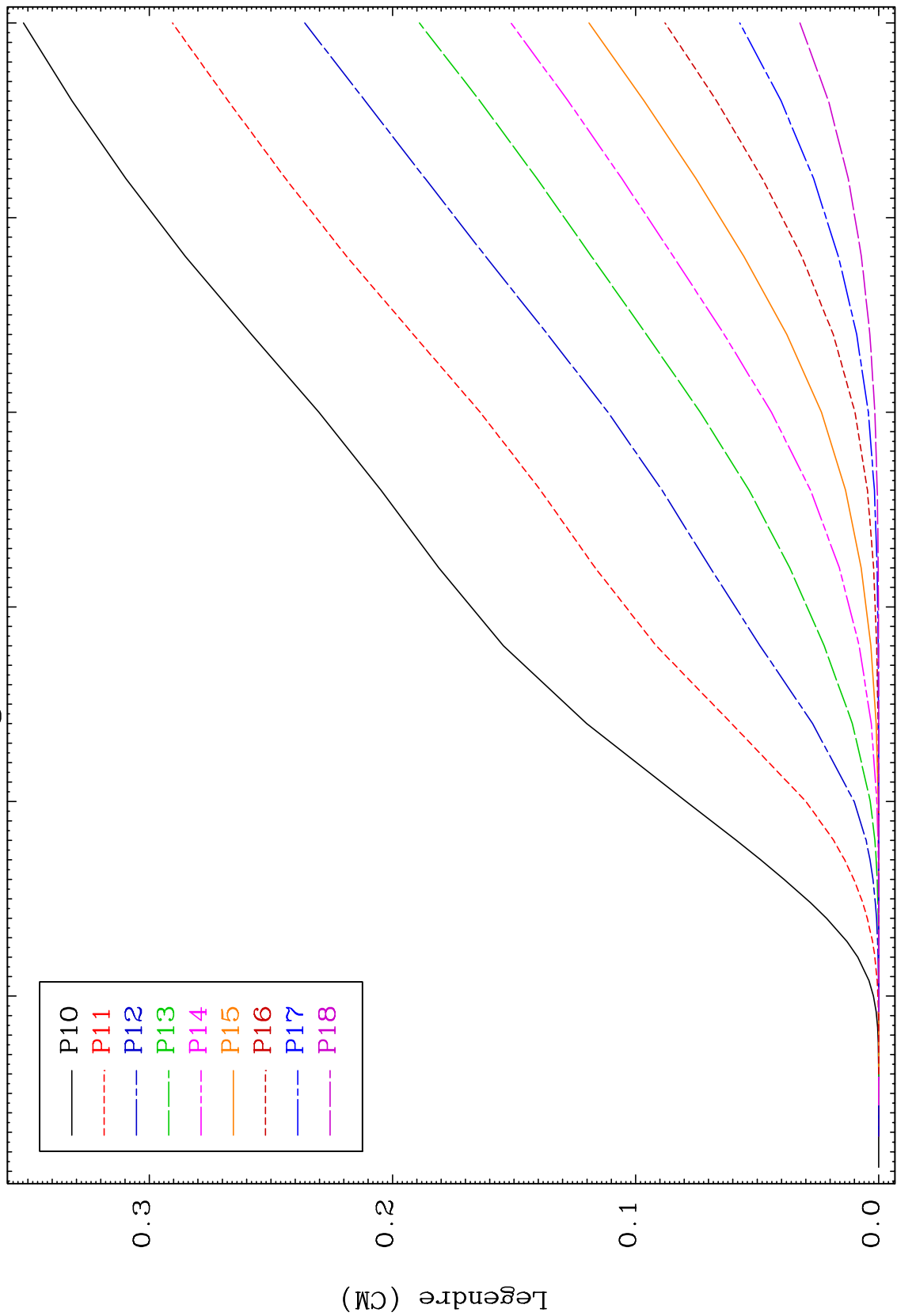




MAT 6804

Elastic Legendre Coefficients

68-Er-155



16

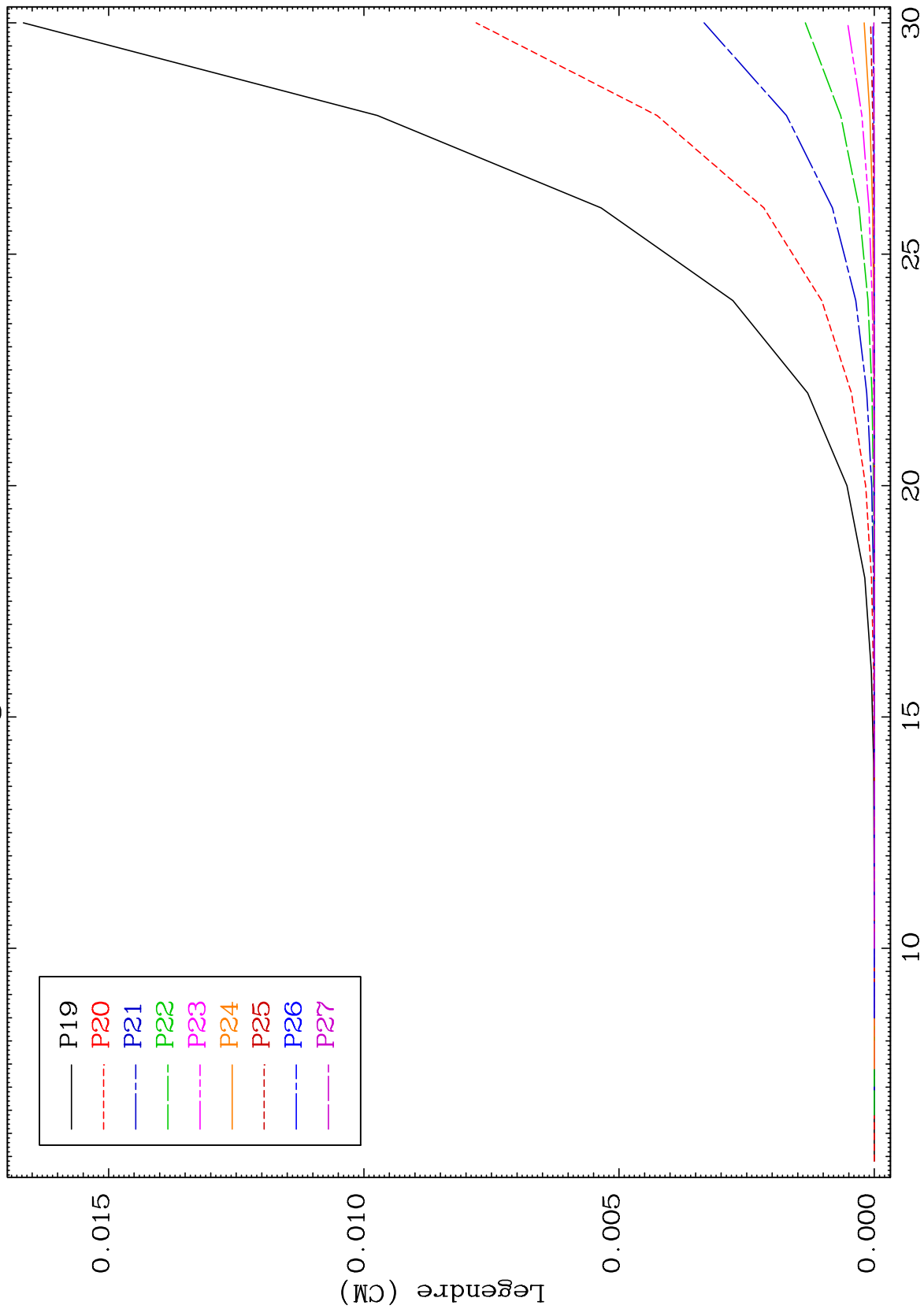
Incident Energy (MeV)

68-Er-155

MAT 6804

Elastic Legendre Coefficients

68-Er-155



17

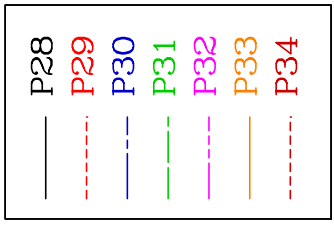
Incident Energy (MeV)

68-Er-155

MAT 6804

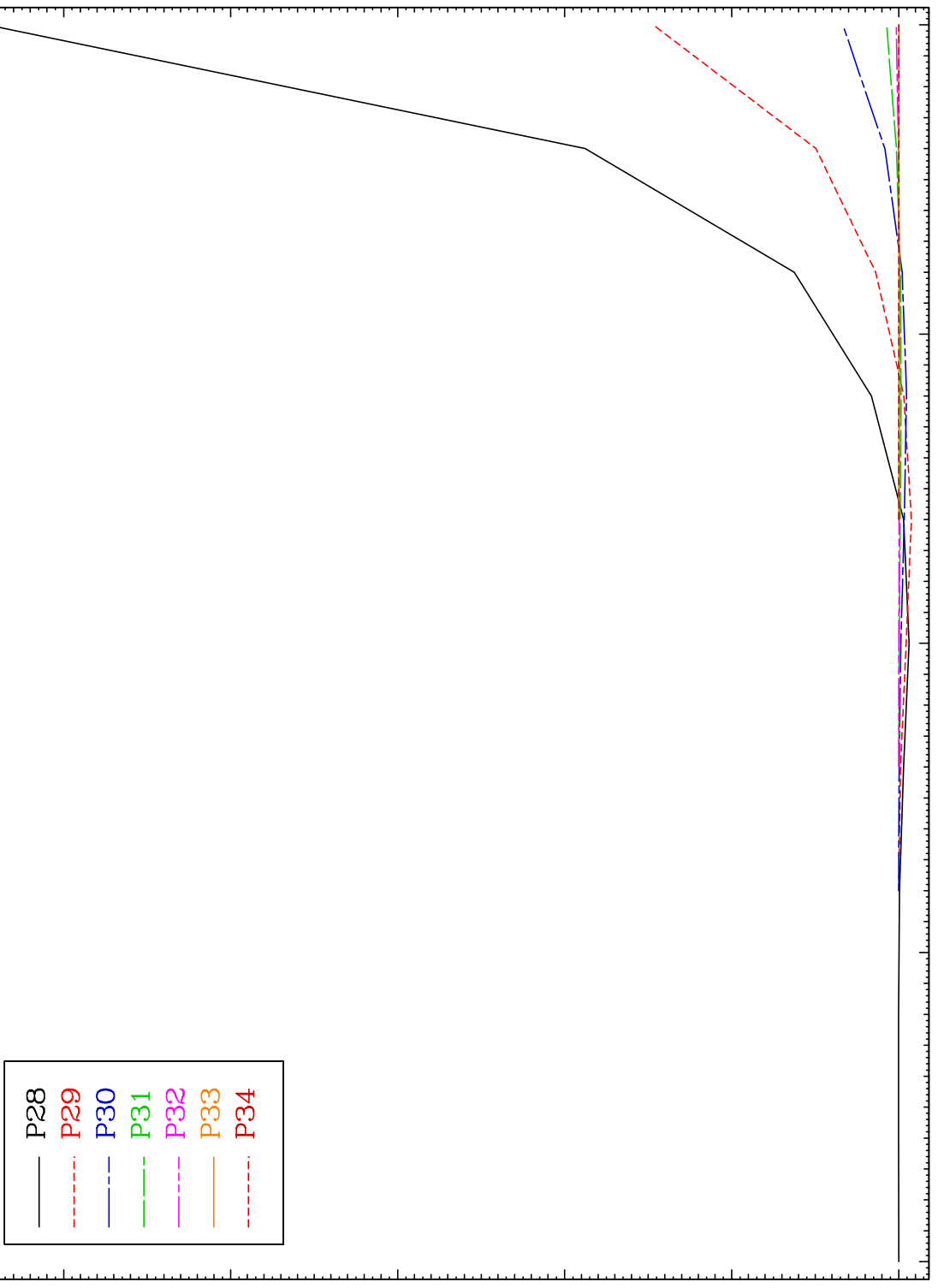
Elastic Legendre Coefficients

68-Er-155



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

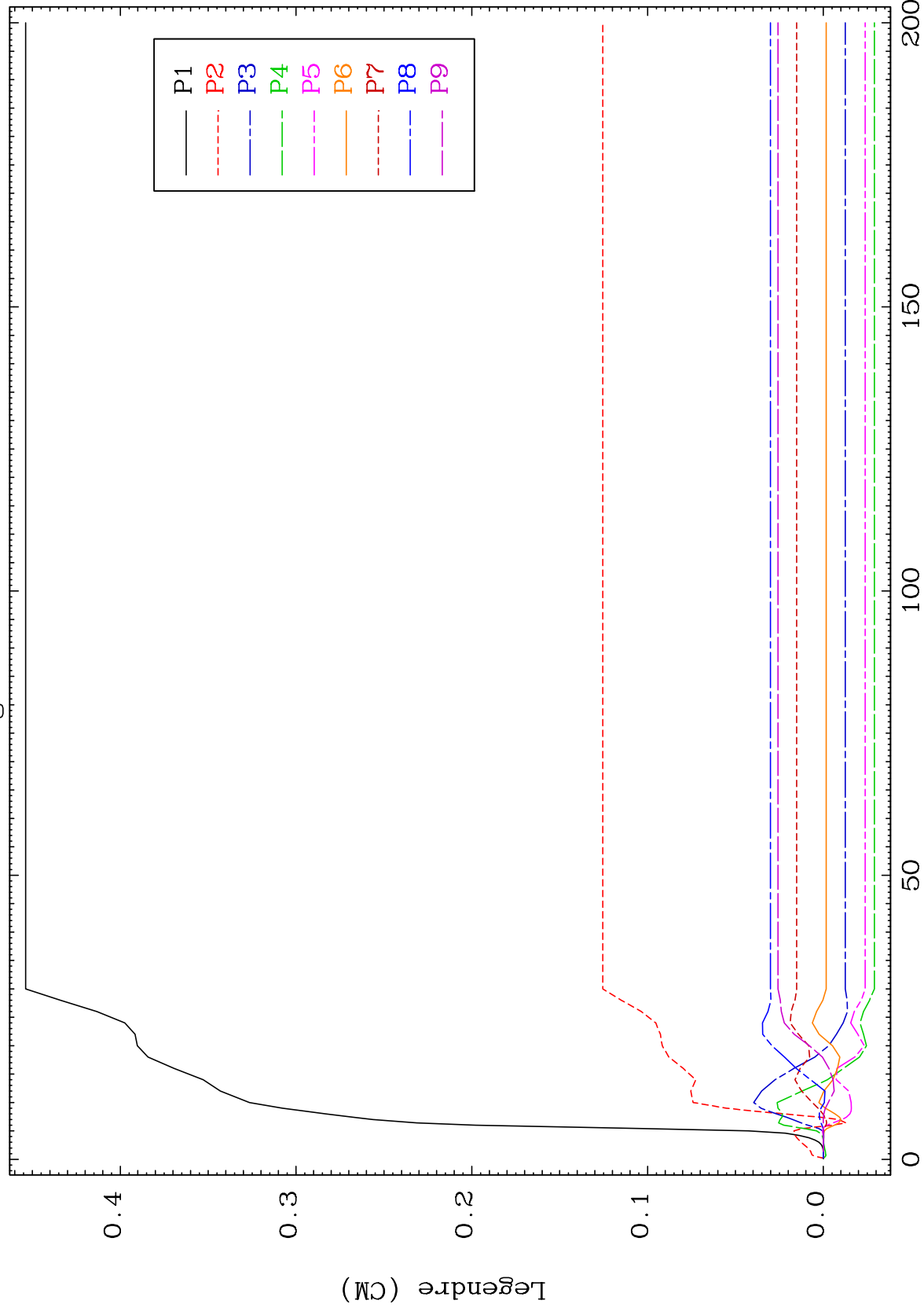
68-Er-155

18

MAT 6804

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

68-Er-155



19

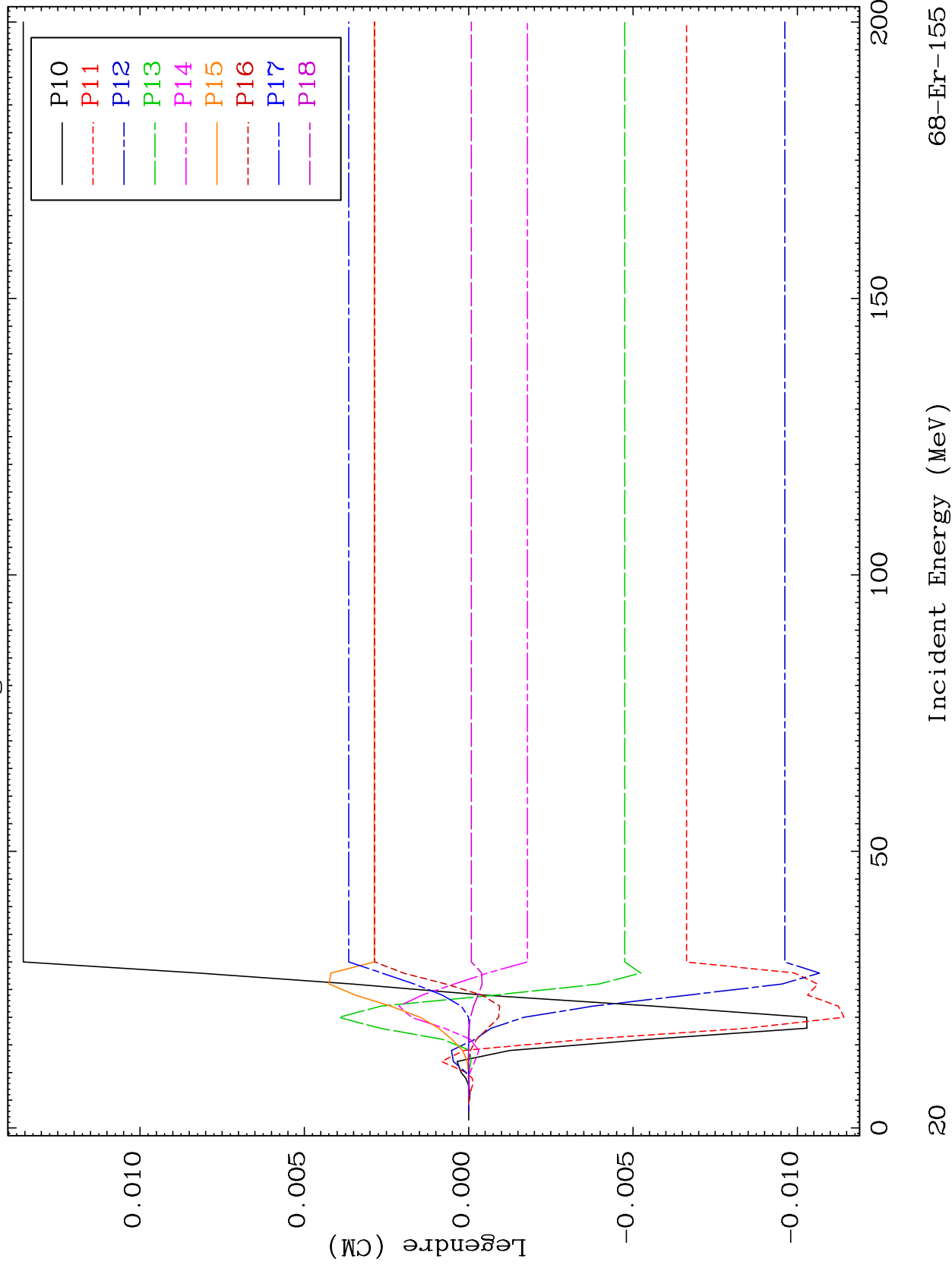
Incident Energy (MeV)

68-Er-155

MAT 6804

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

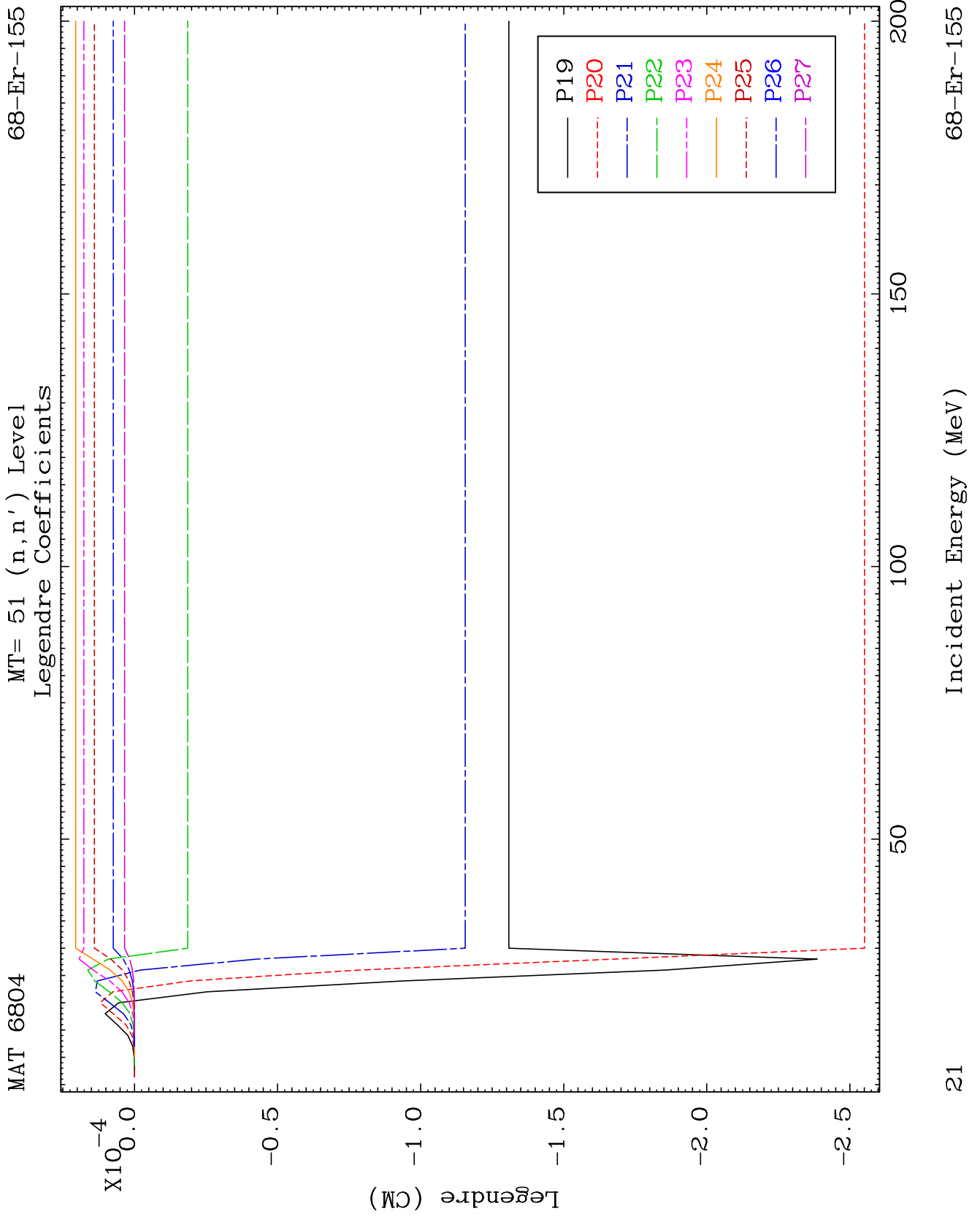
68-Er-155



68-Er-155

Incident Energy (MeV)

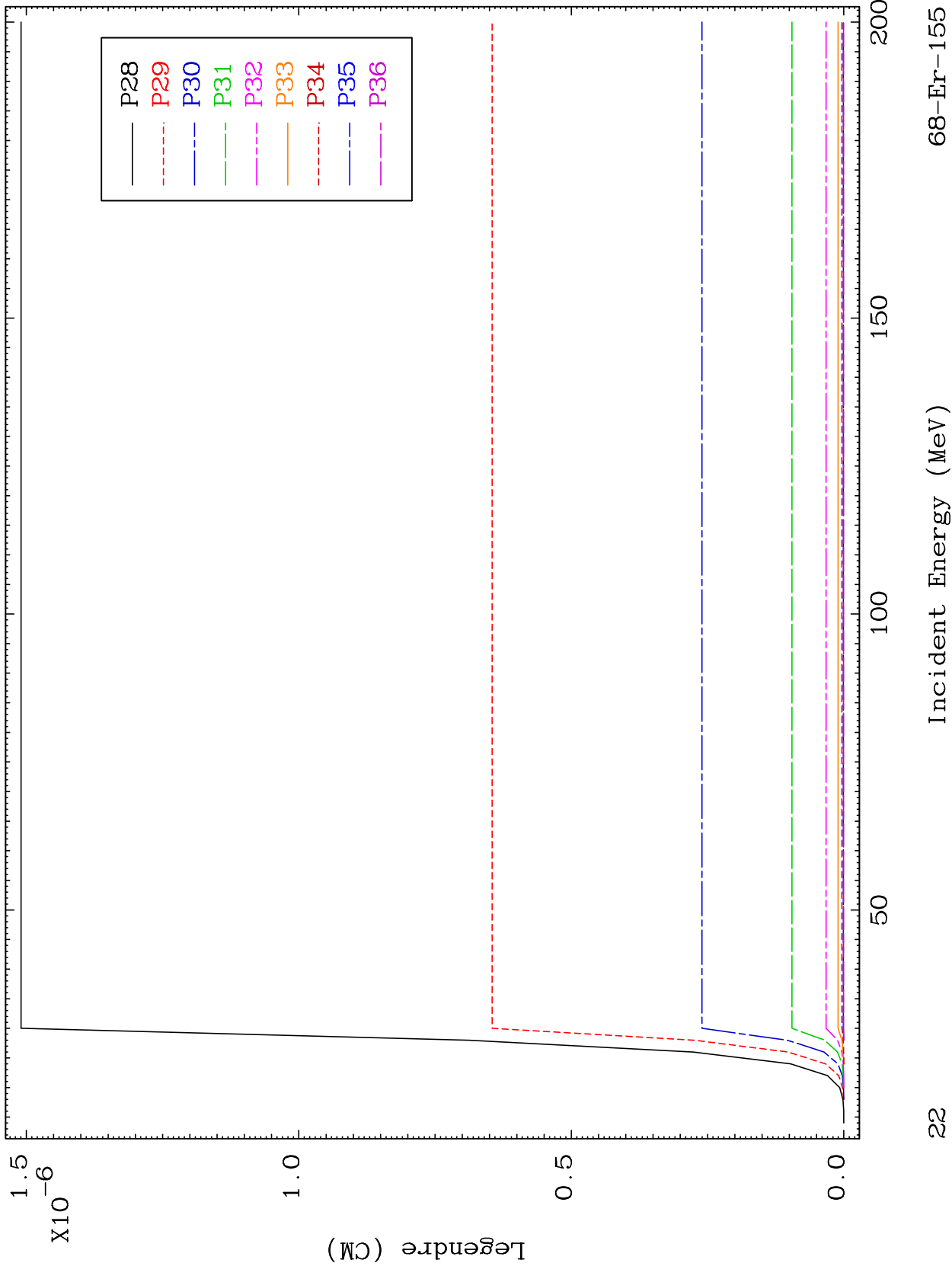
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MAT 6804

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

68-Er-155



22

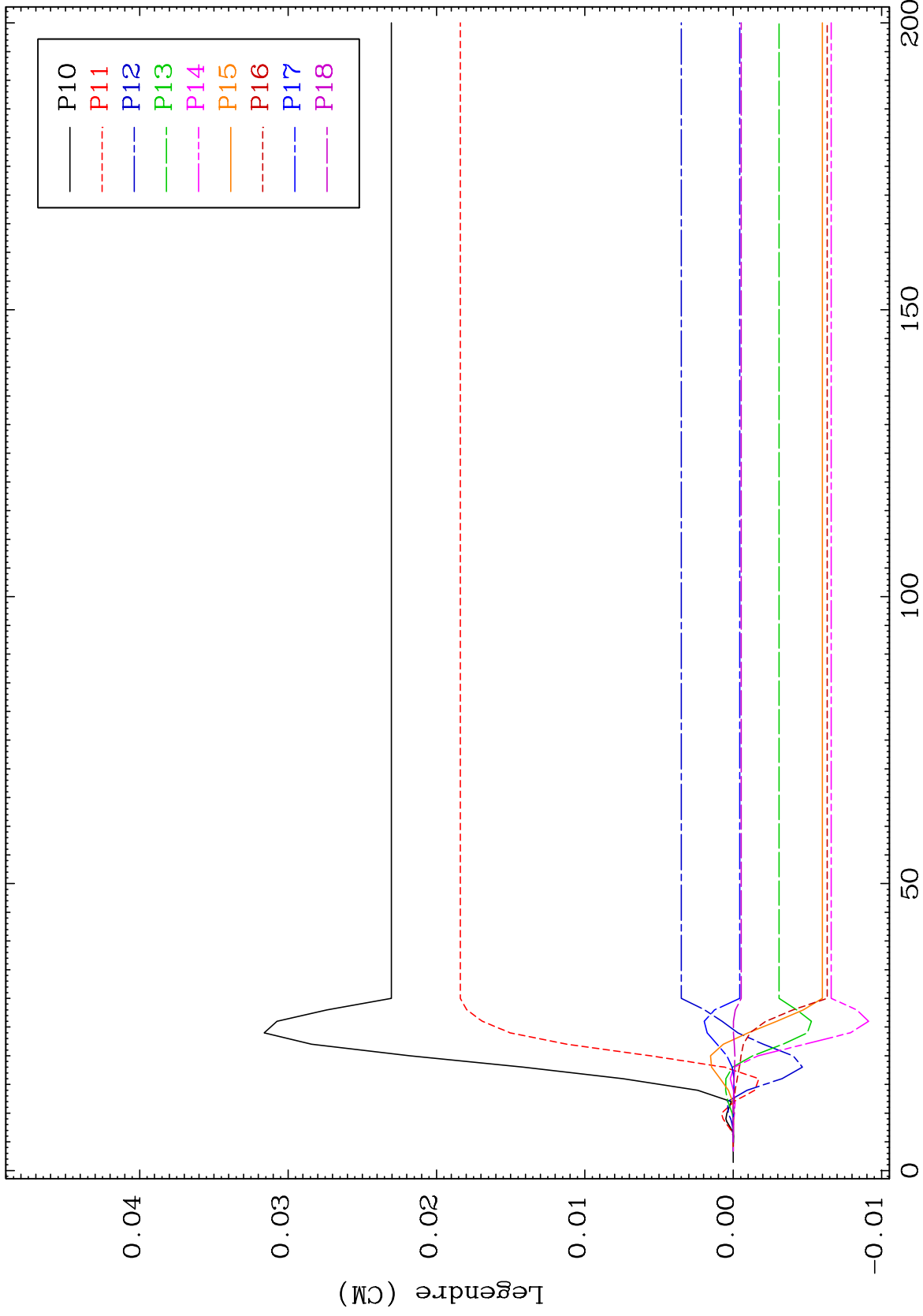
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



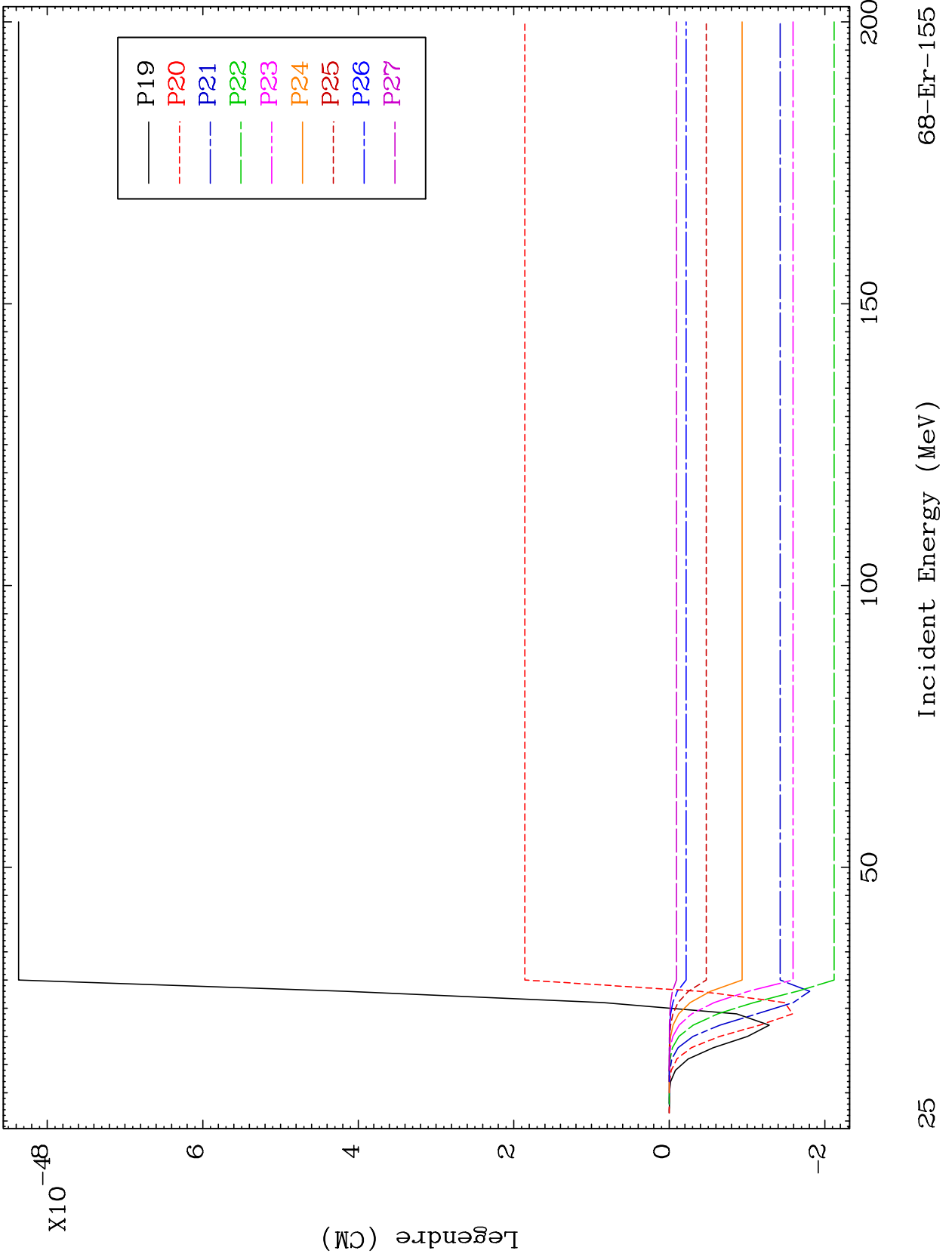
24

68-Er-155

MAT 6804

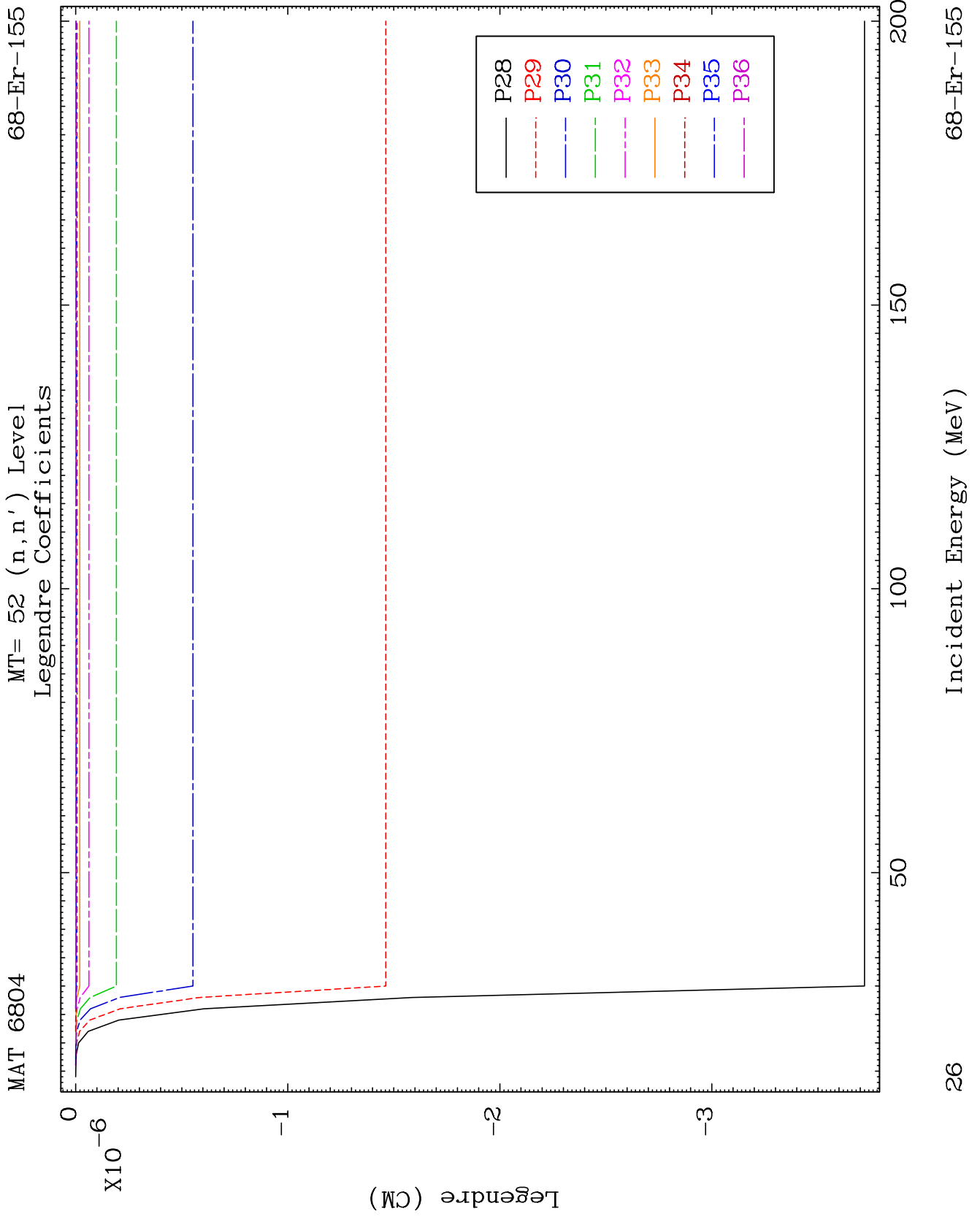
MT= 52 (n,n') Level
Legendre Coefficients

68-Er-155



25

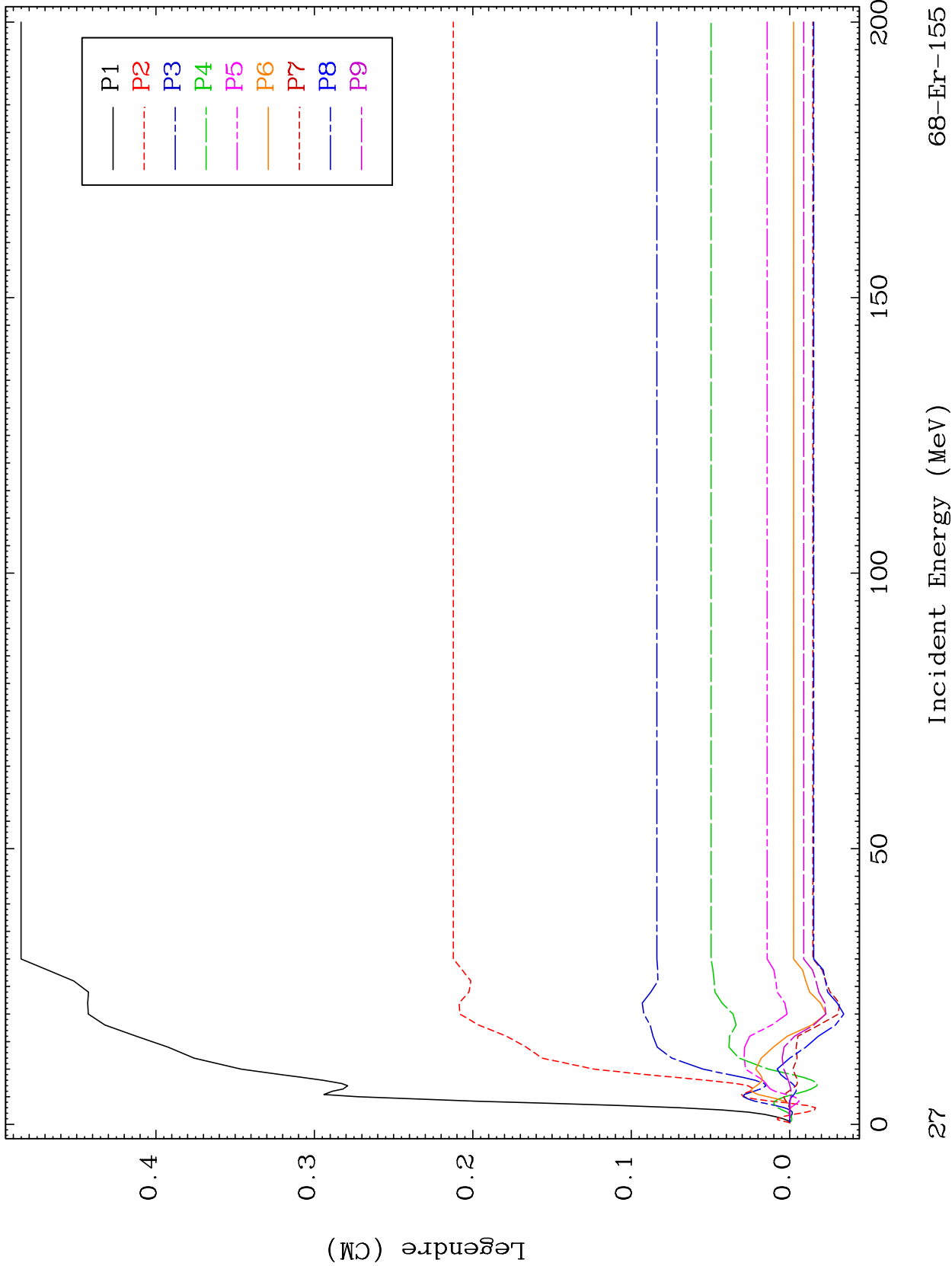
68-Er-155



MAT 6804

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

68-Er-155



68-Er-155

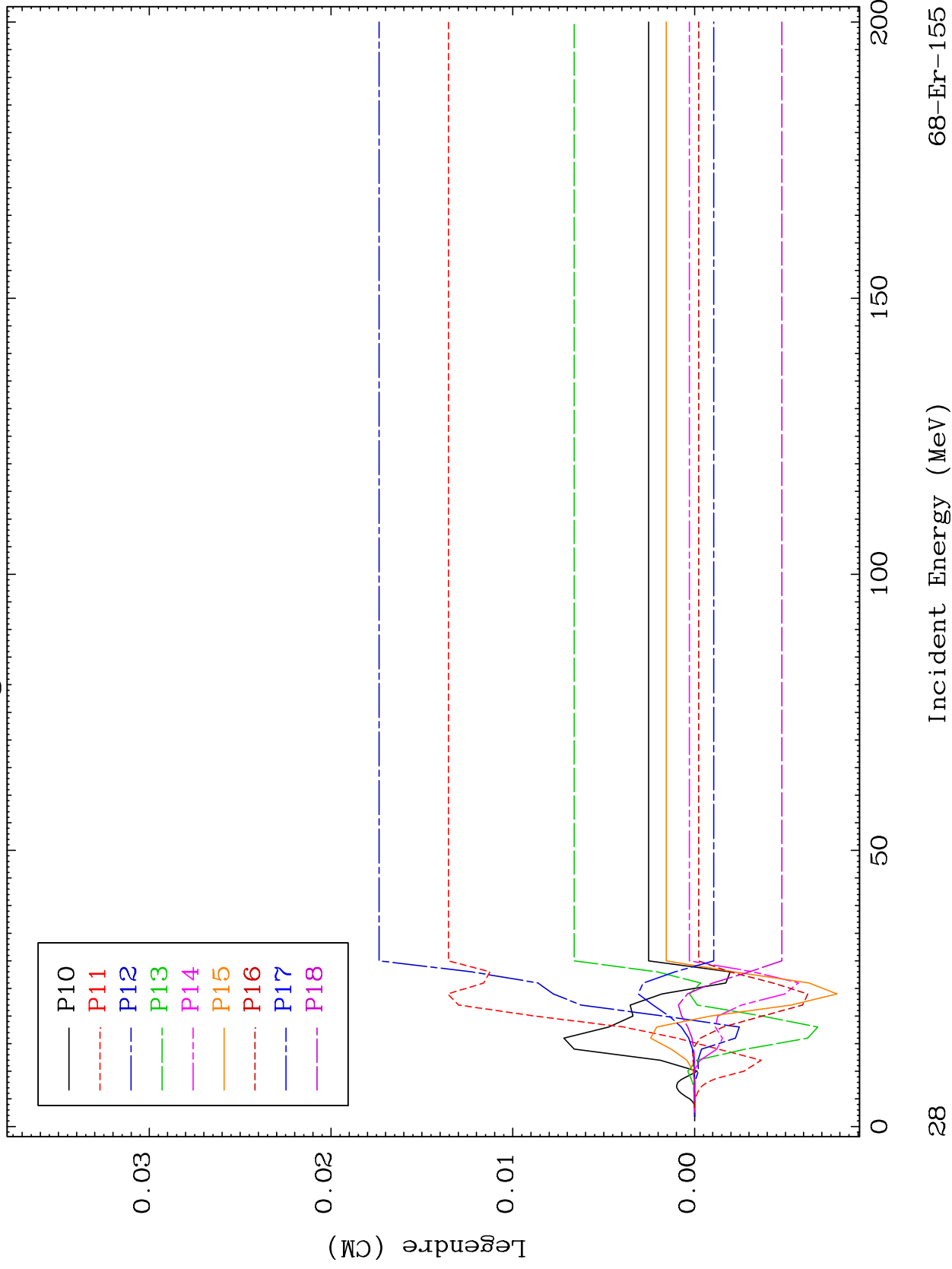
Incident Energy (MeV)

27

MAT 6804

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

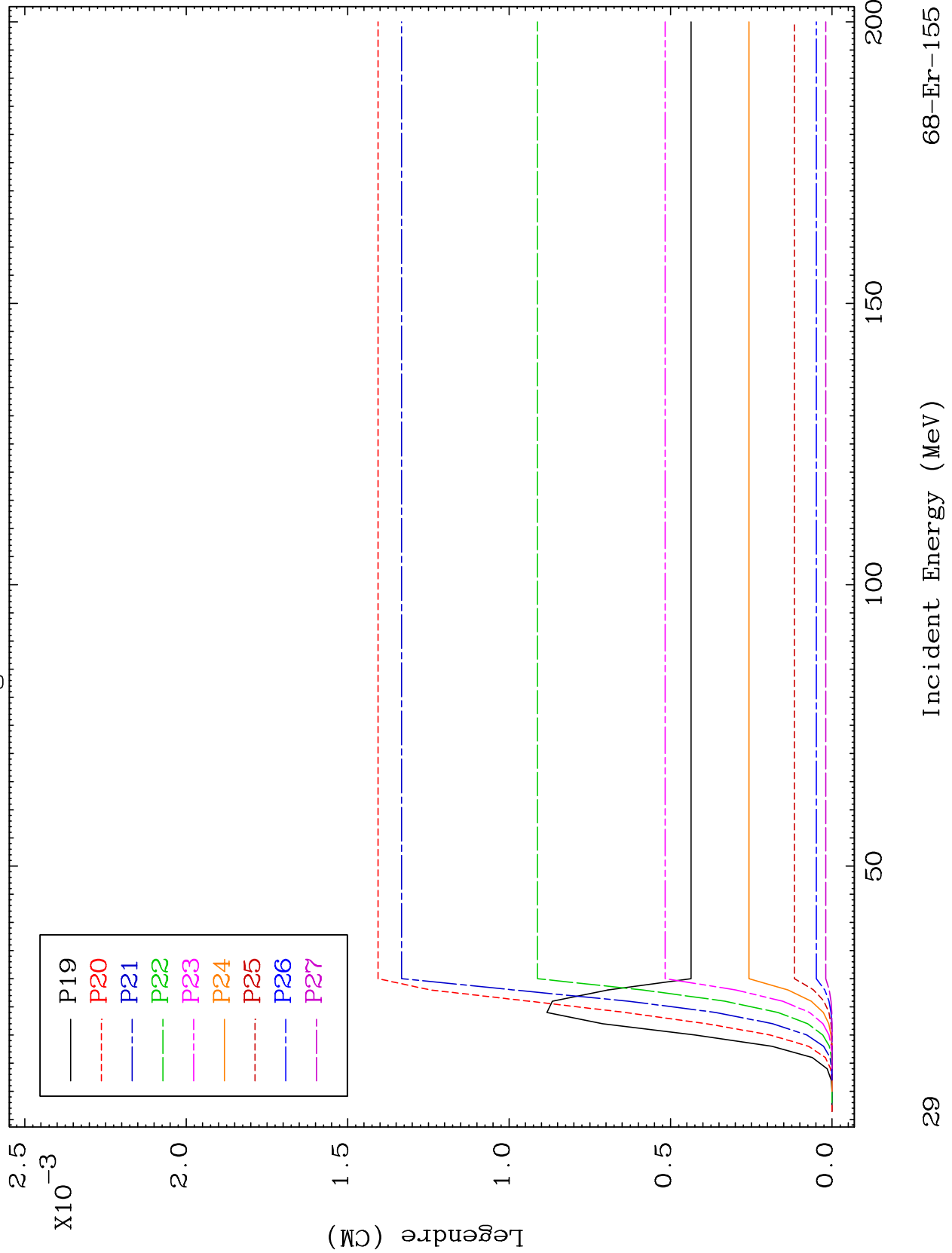
68-Er-155



68-Er-155

Incident Energy (MeV)

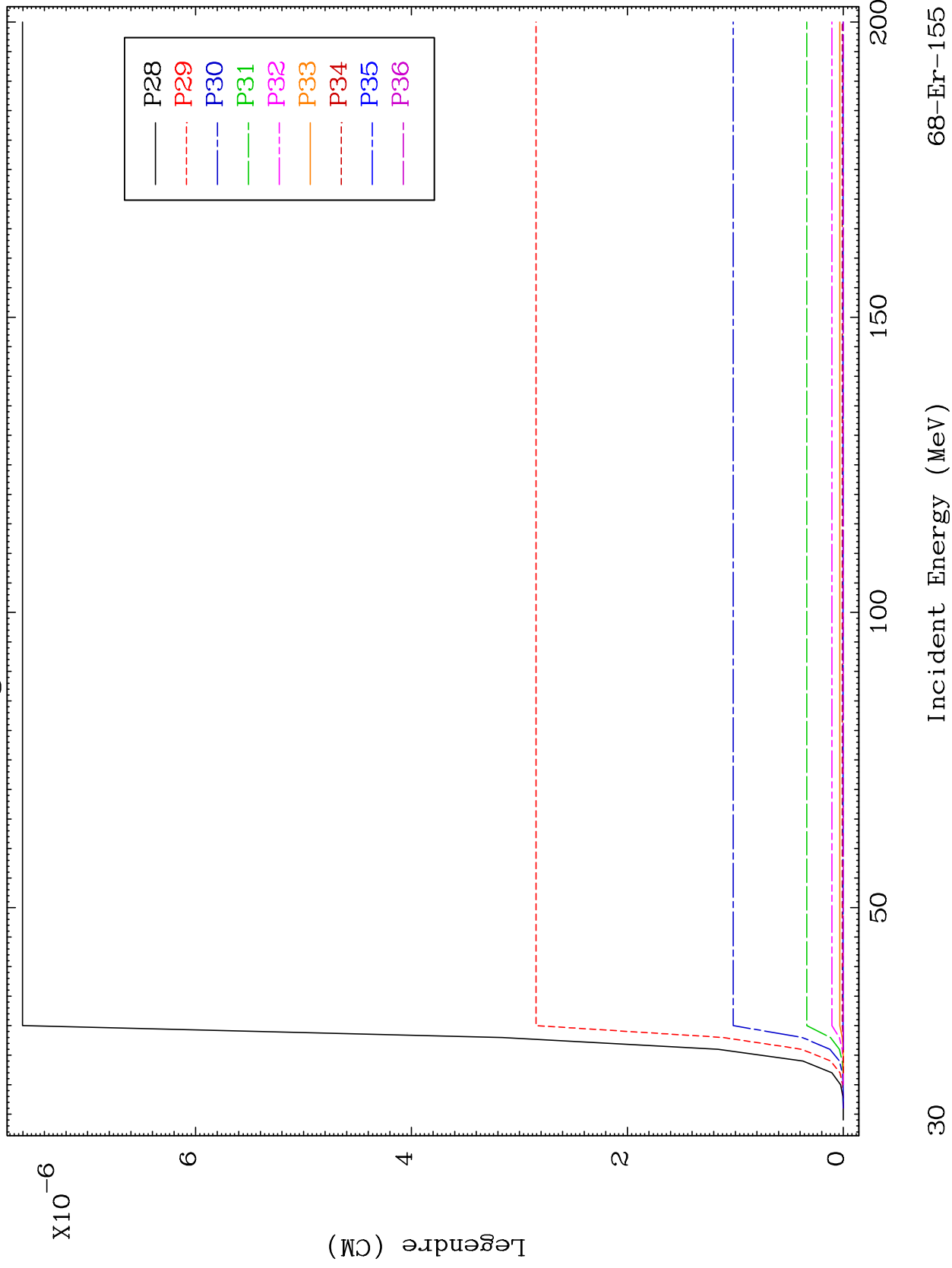
28



MAT 6804

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

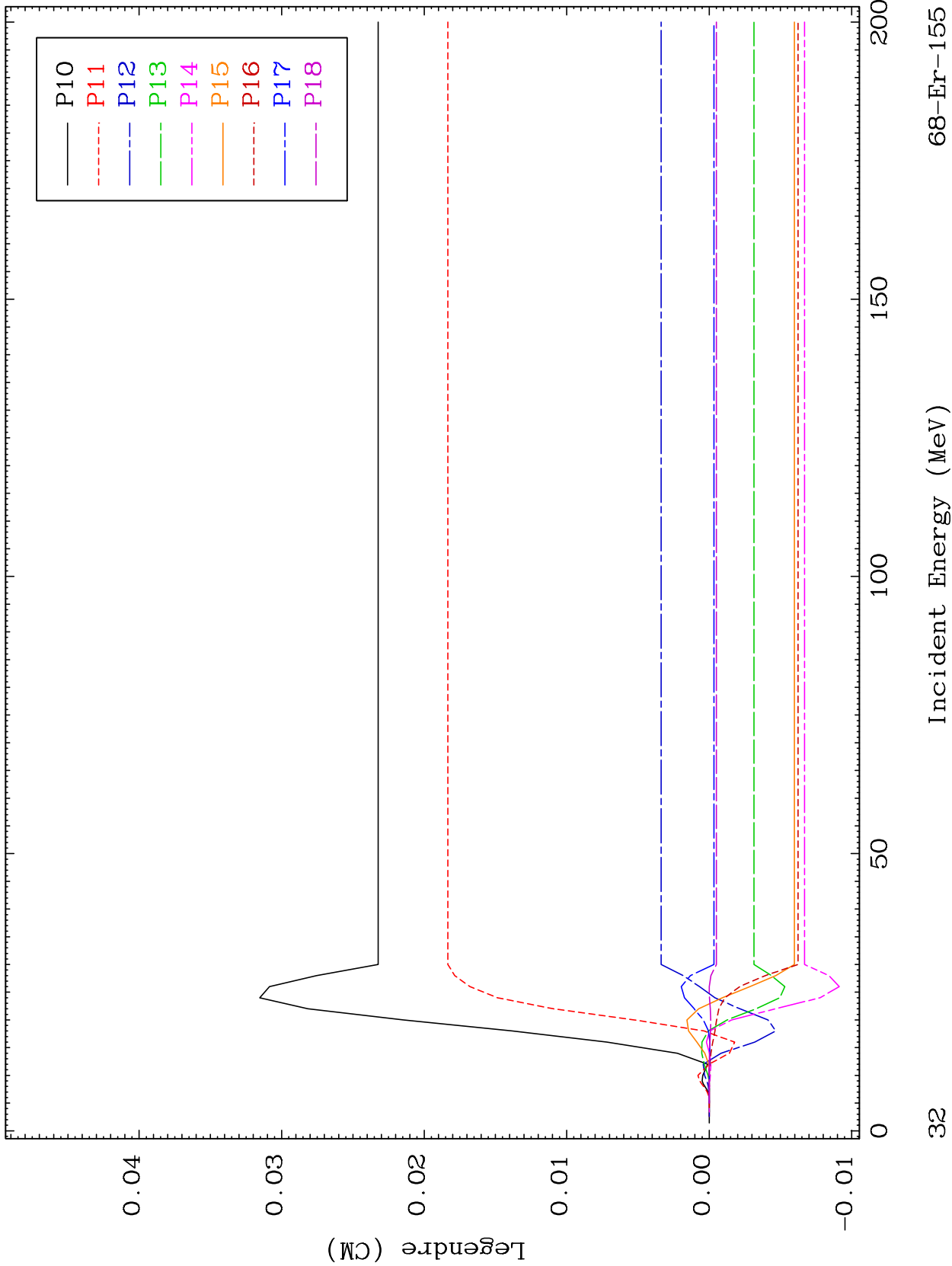
68-Er-155



MAT 6804

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

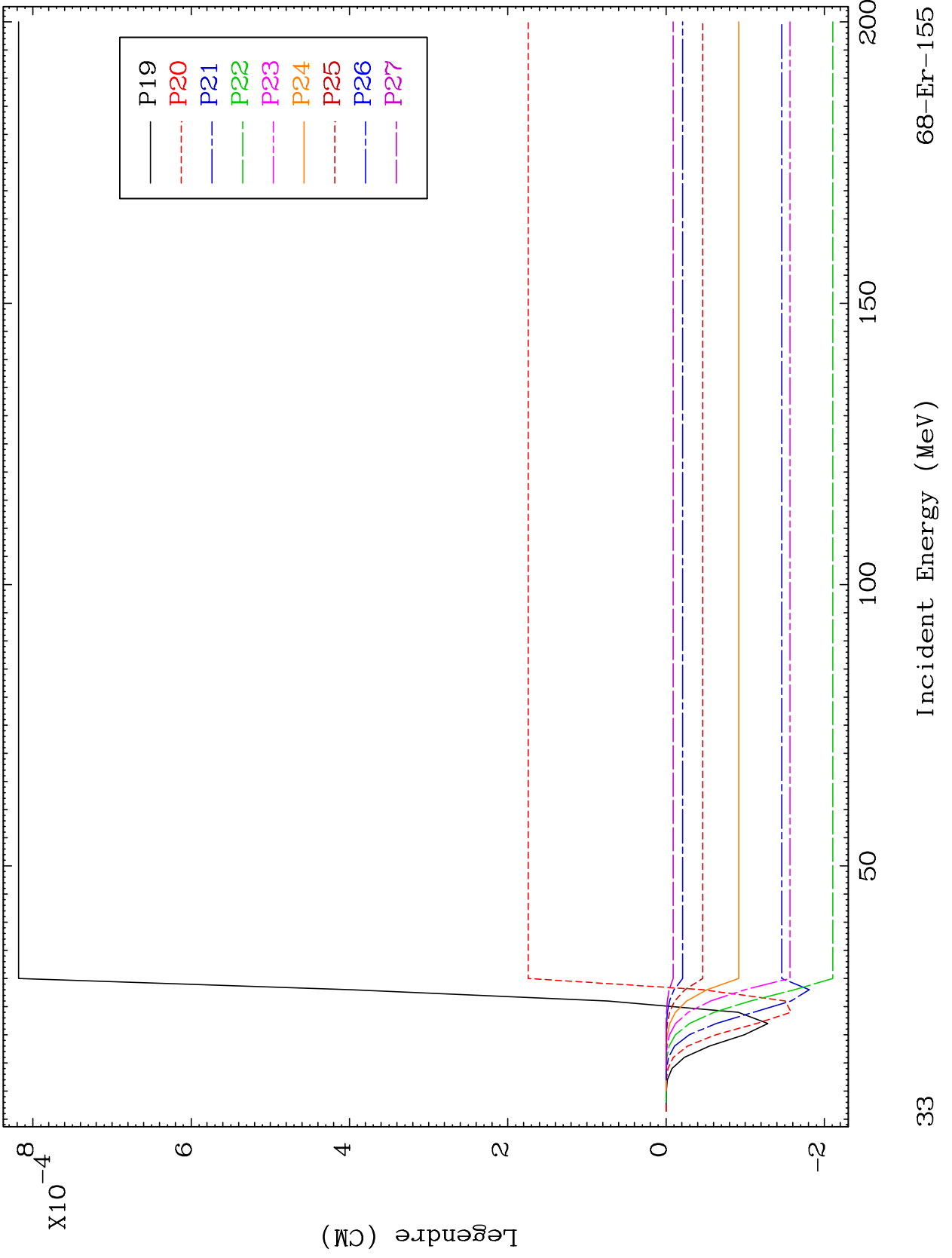
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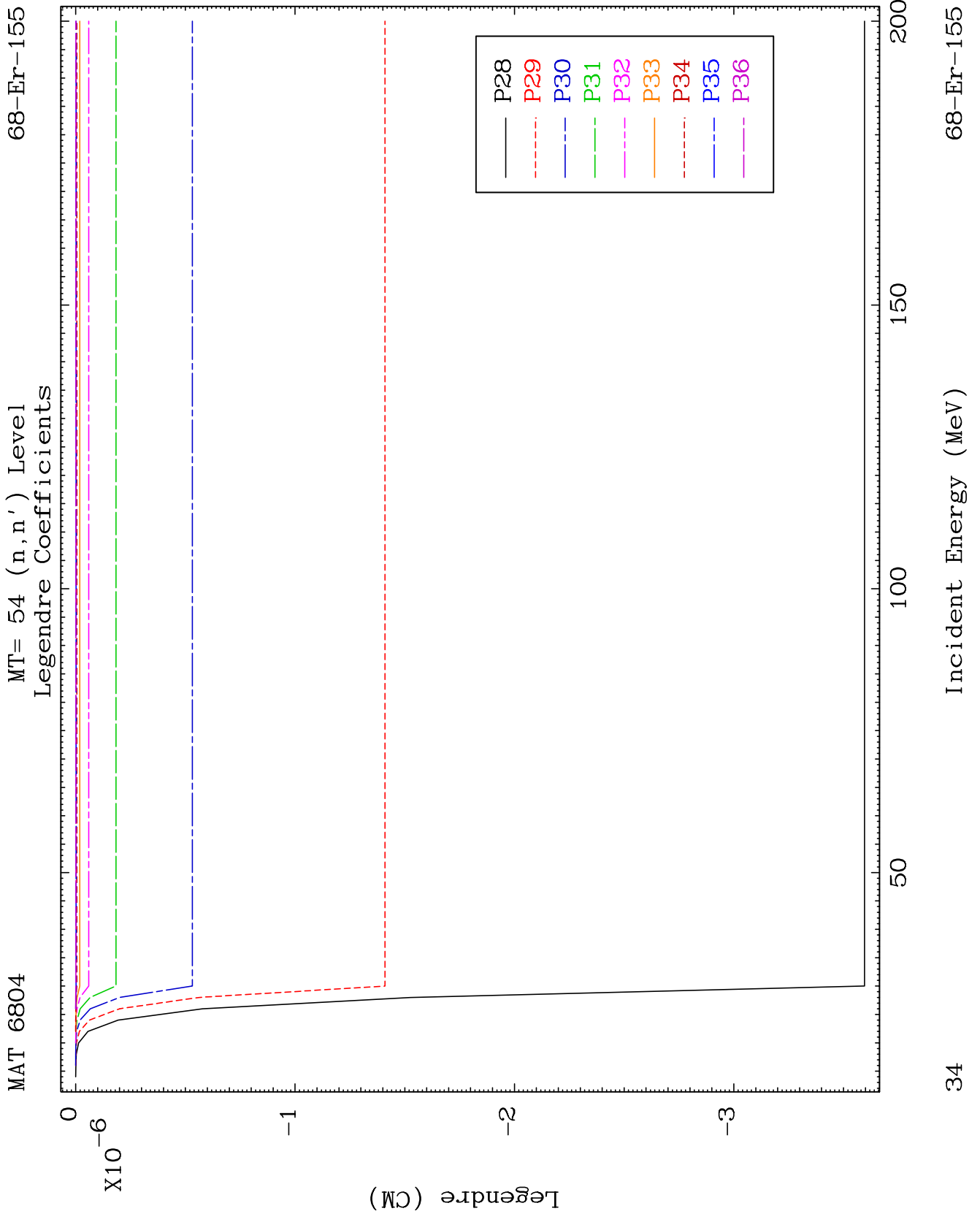


32

Incident Energy (MeV)

68-Er-155

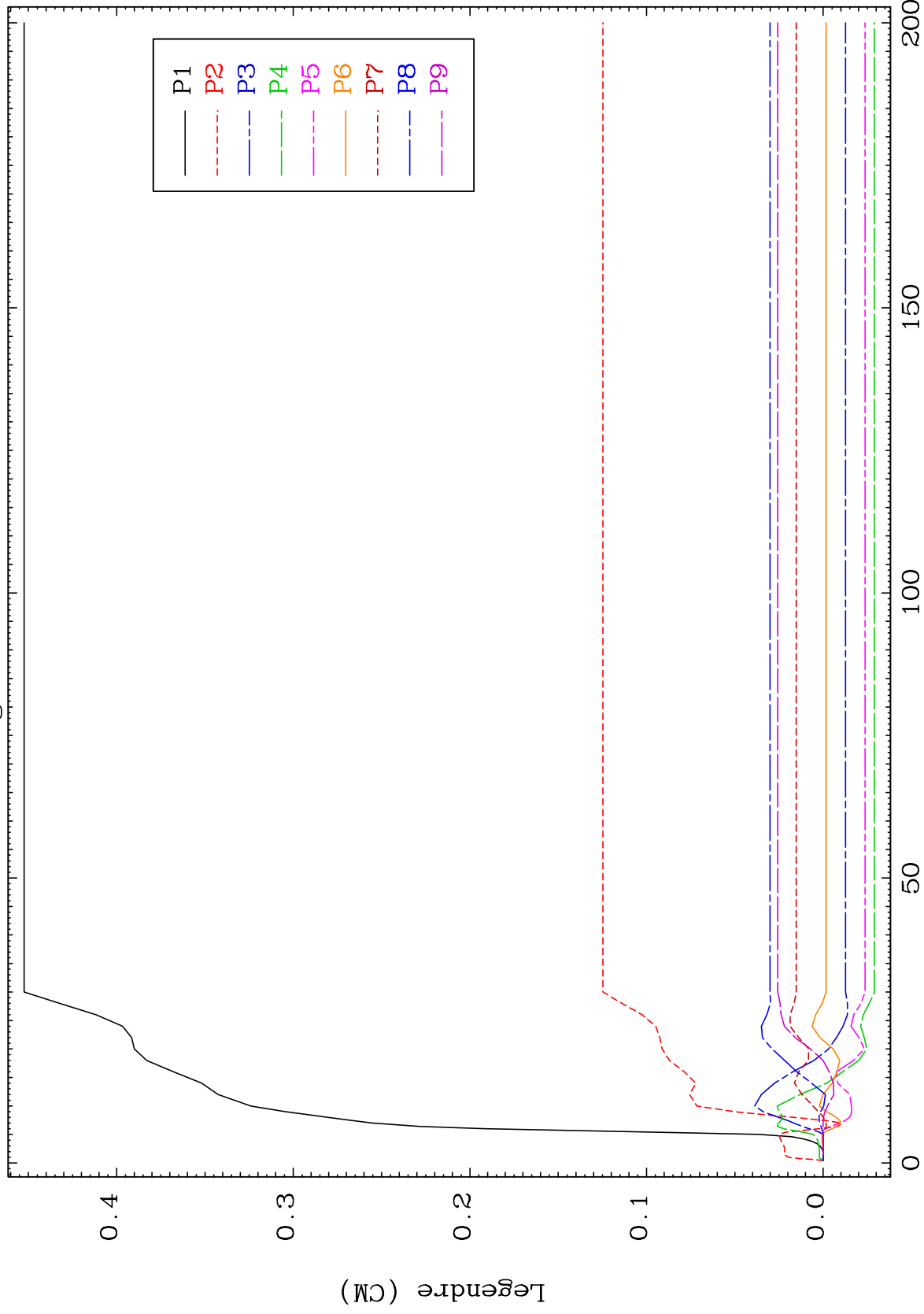




MAT 6804

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

68-Er-155



68-Er-155

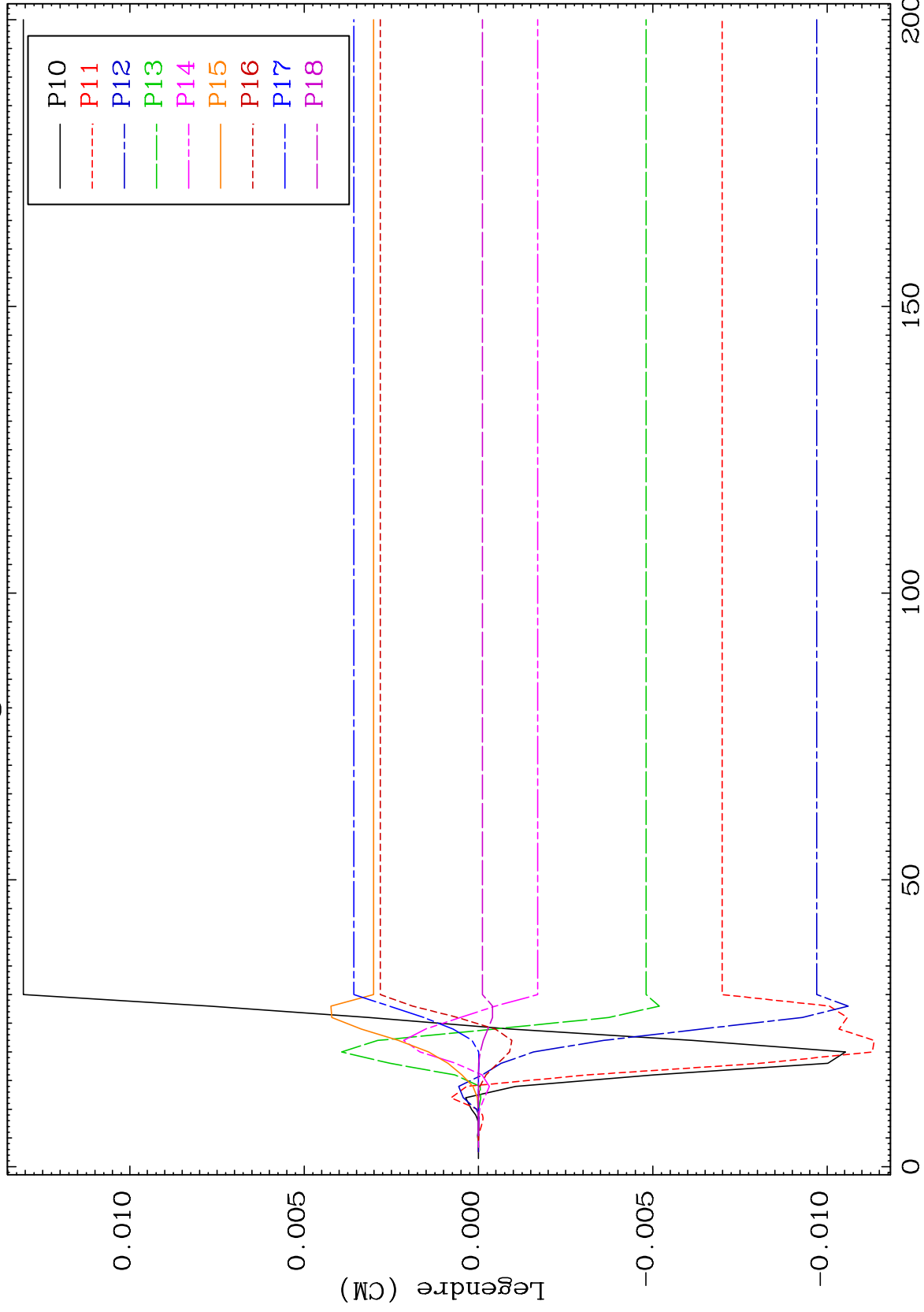
Incident Energy (MeV)

35

MAT 6804

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

68-Er-155



36

Incident Energy (MeV)

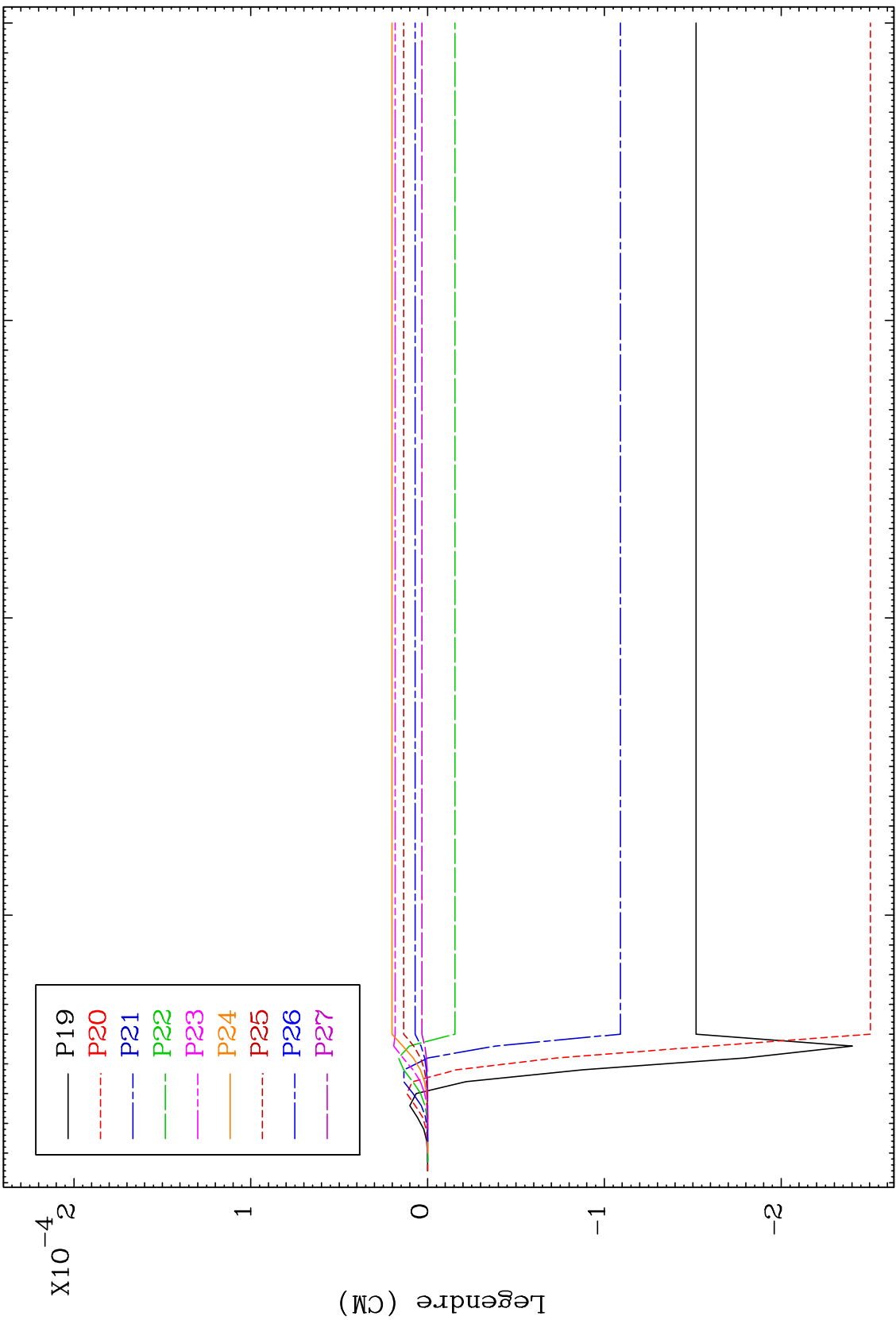
68-Er-155

MAT 6804

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

68-Er-155

- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27



37

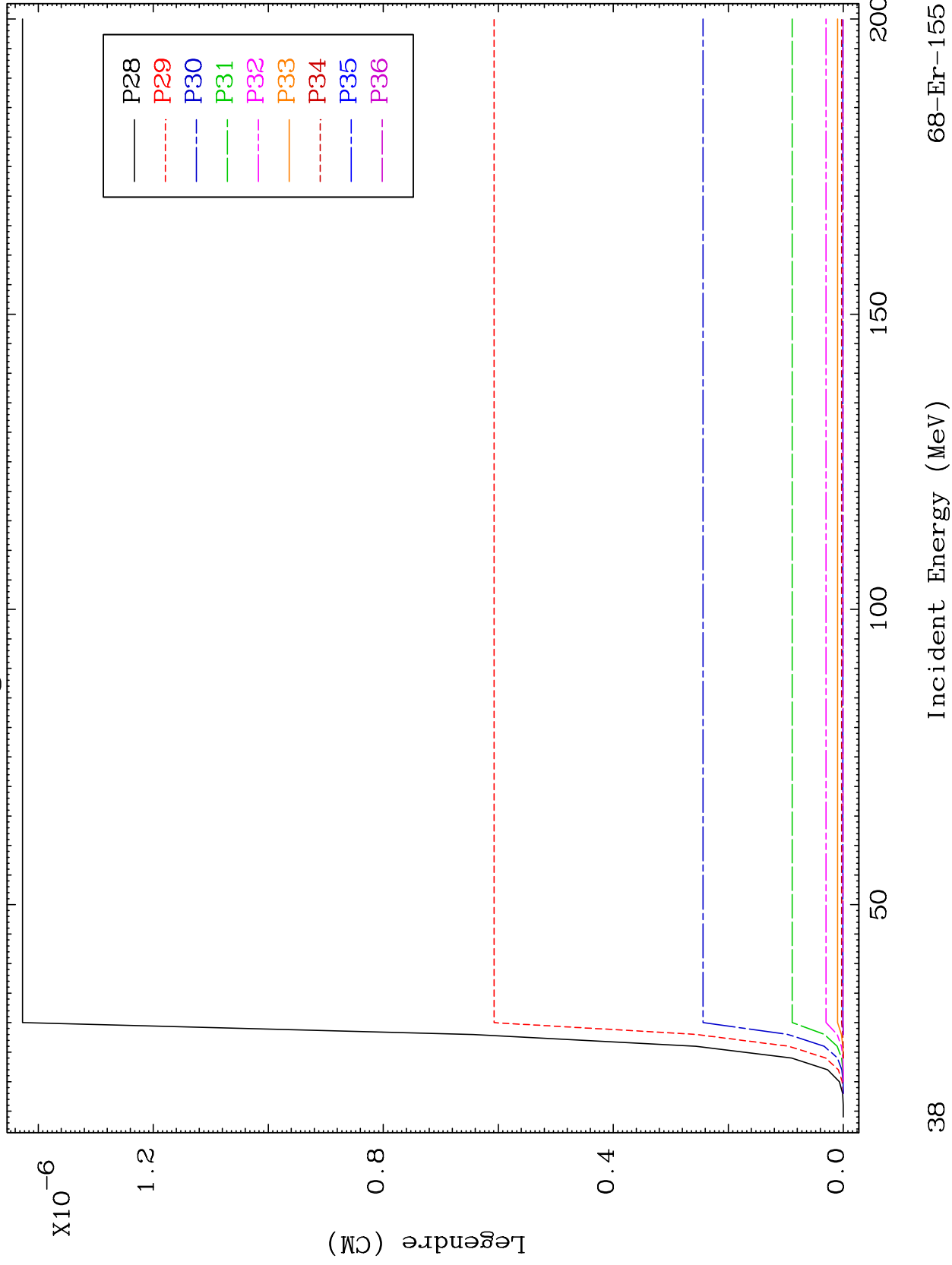
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



38

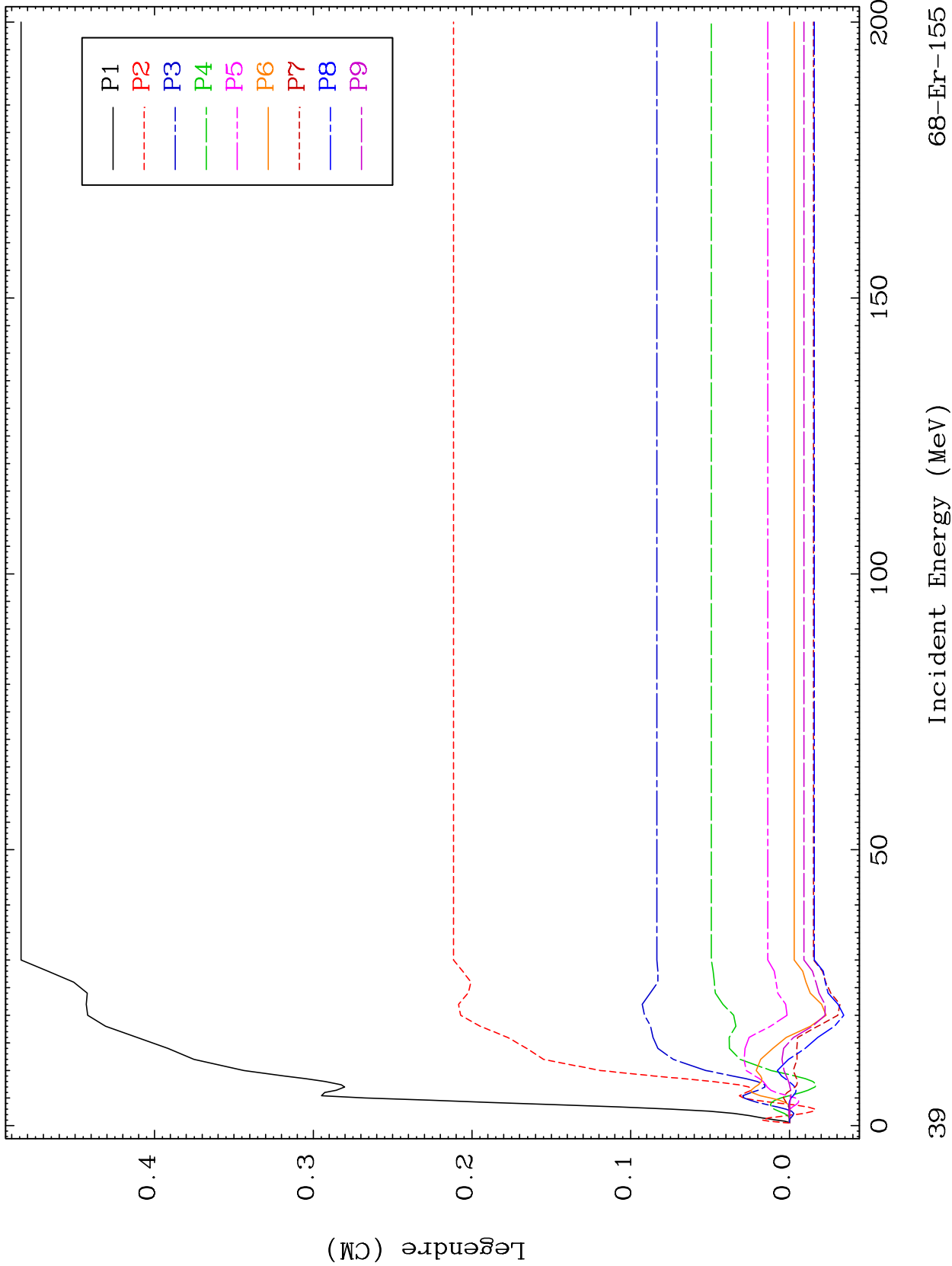
Incident Energy (MeV)

68-Er-155

MAT 6804

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

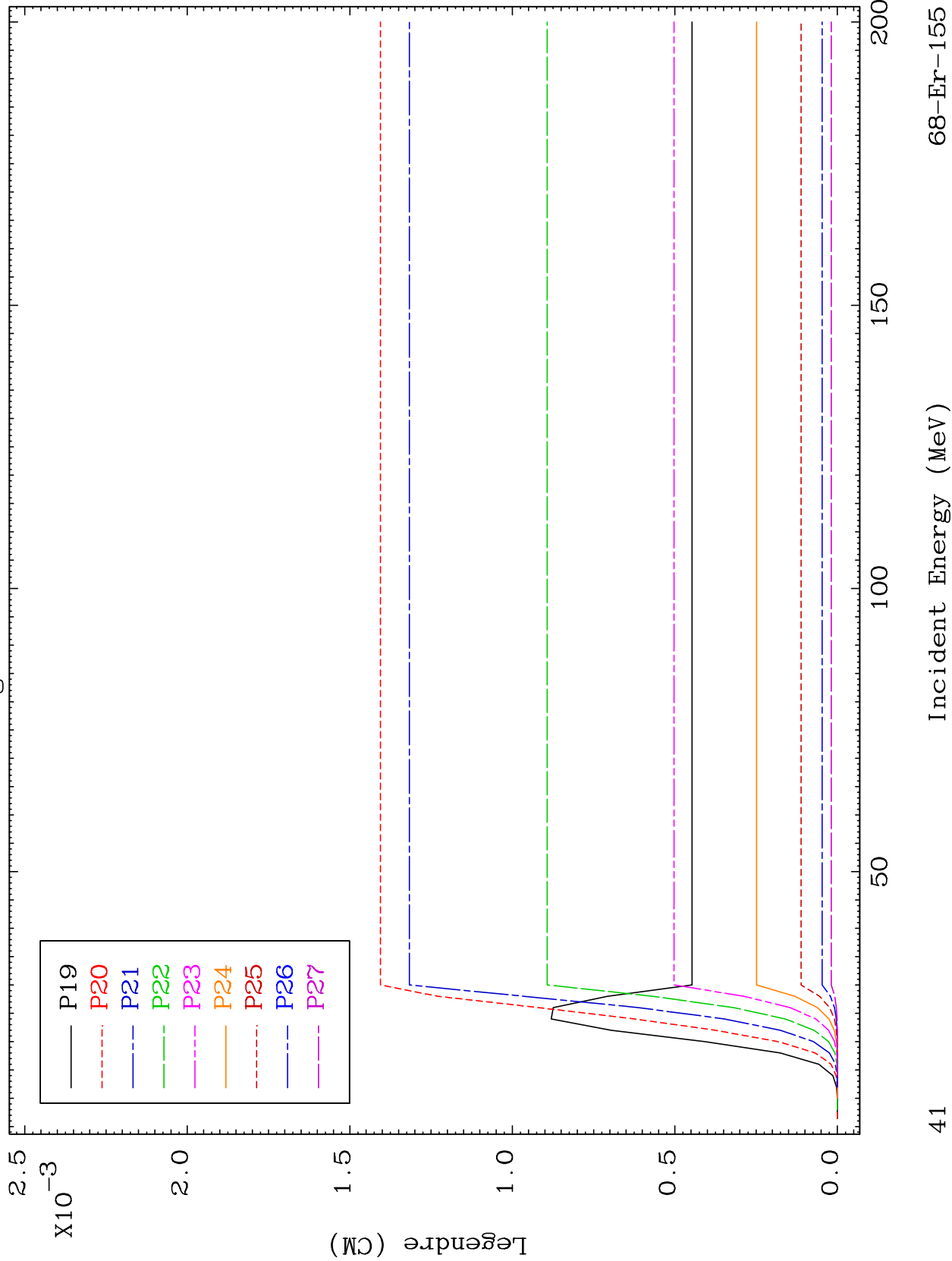
68-Er-155



39

Incident Energy (MeV)

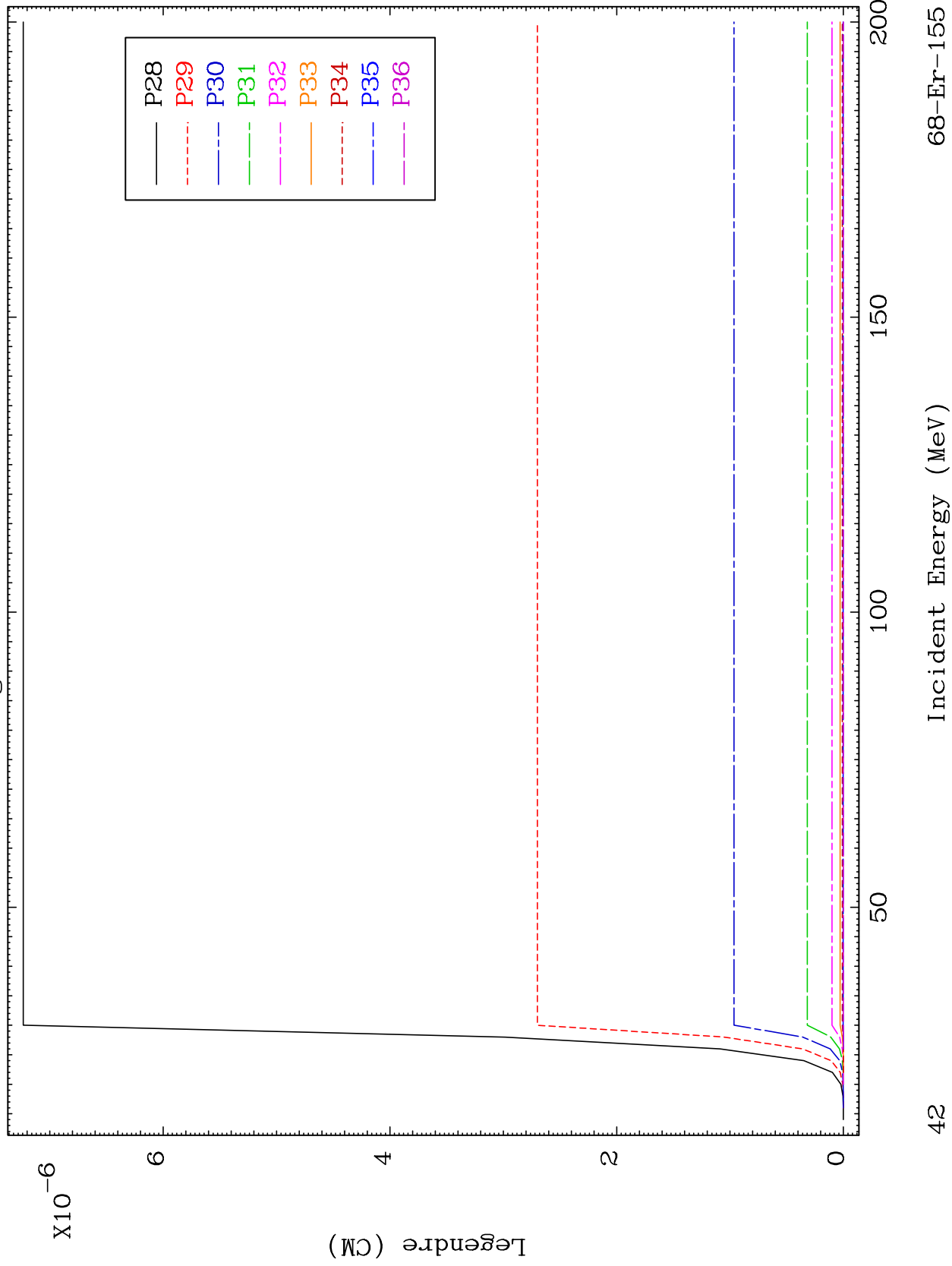
68-Er-155

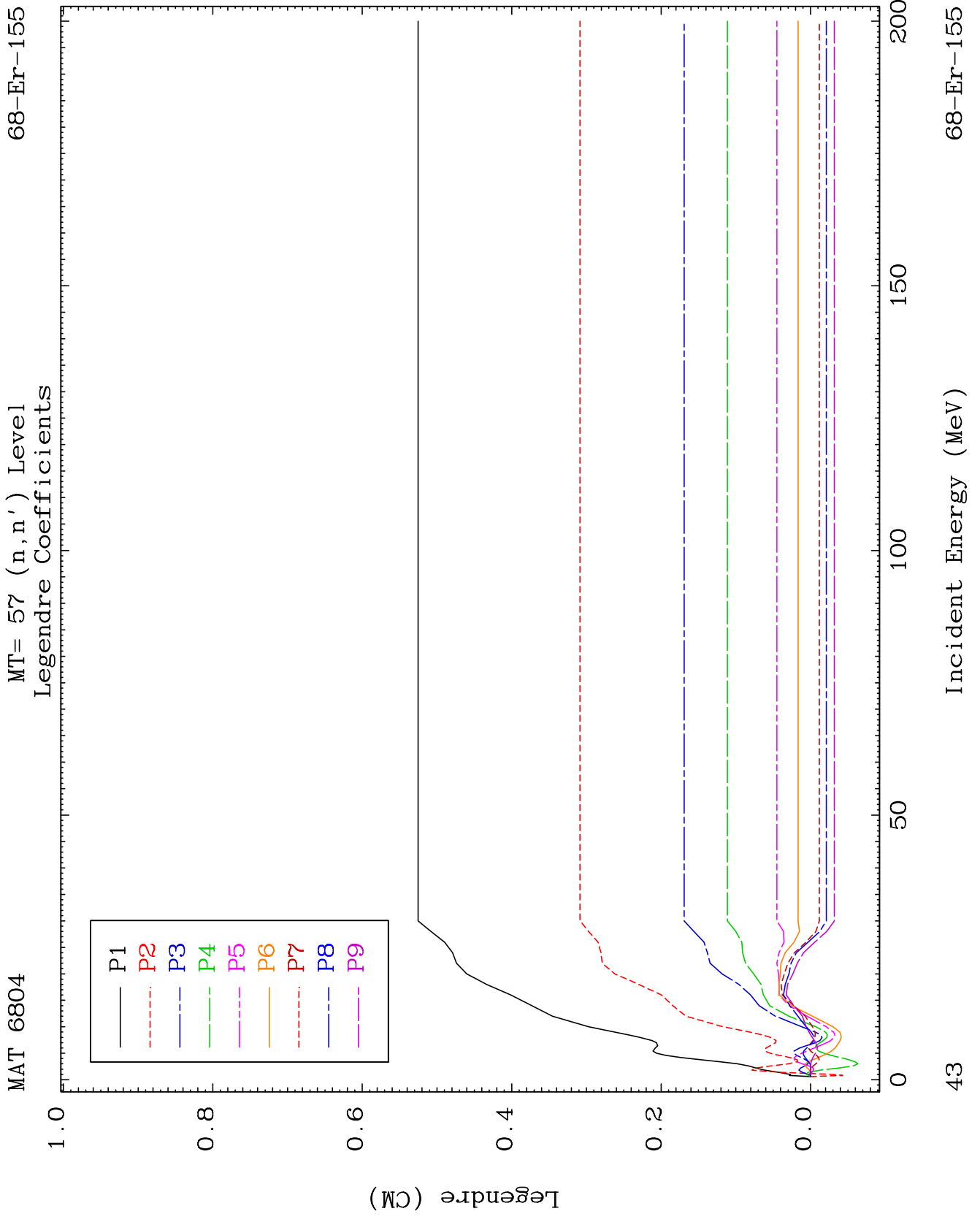


MAT 6804

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

68-Er-155

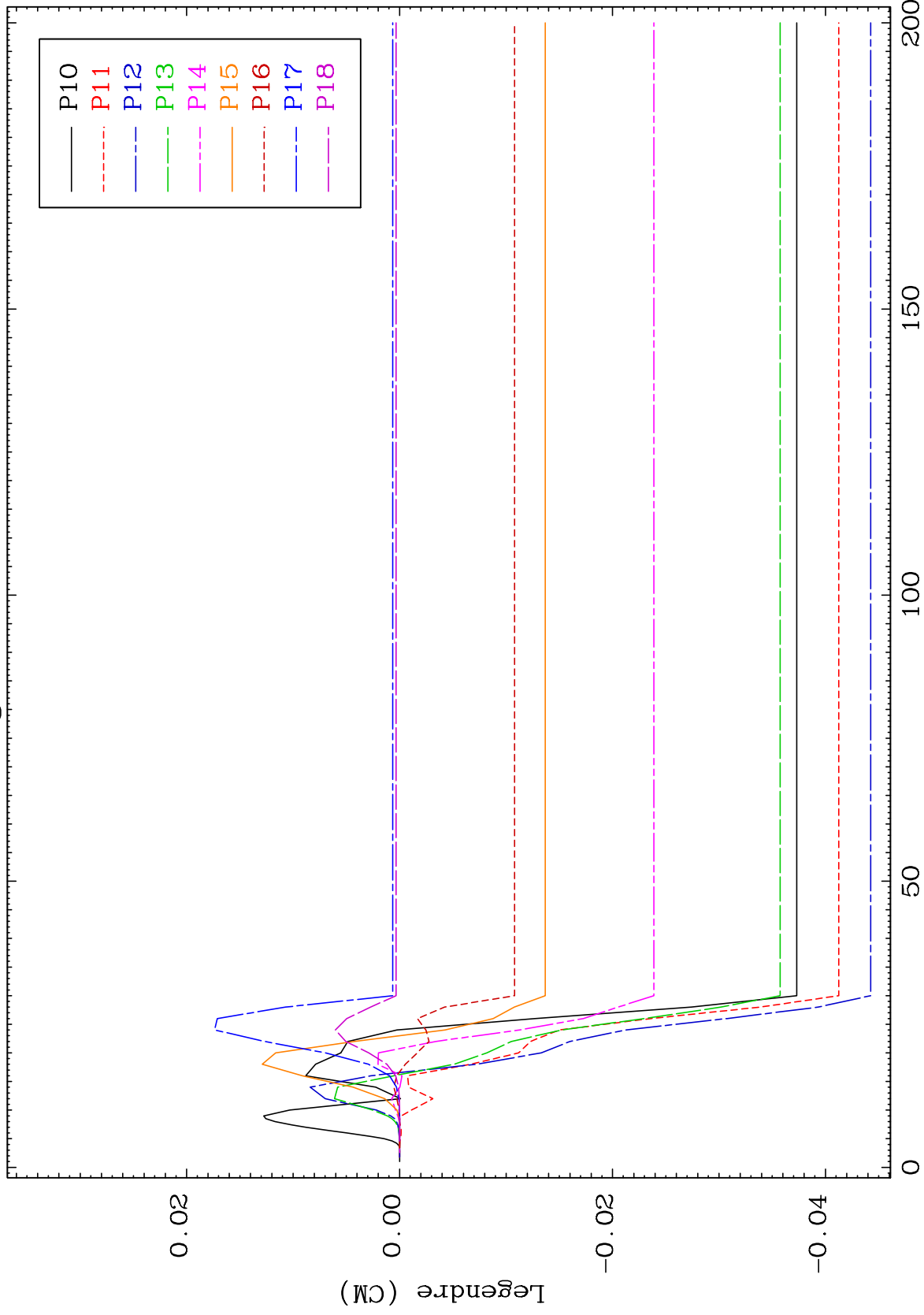




MAT 6804

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

68-Er-155



44

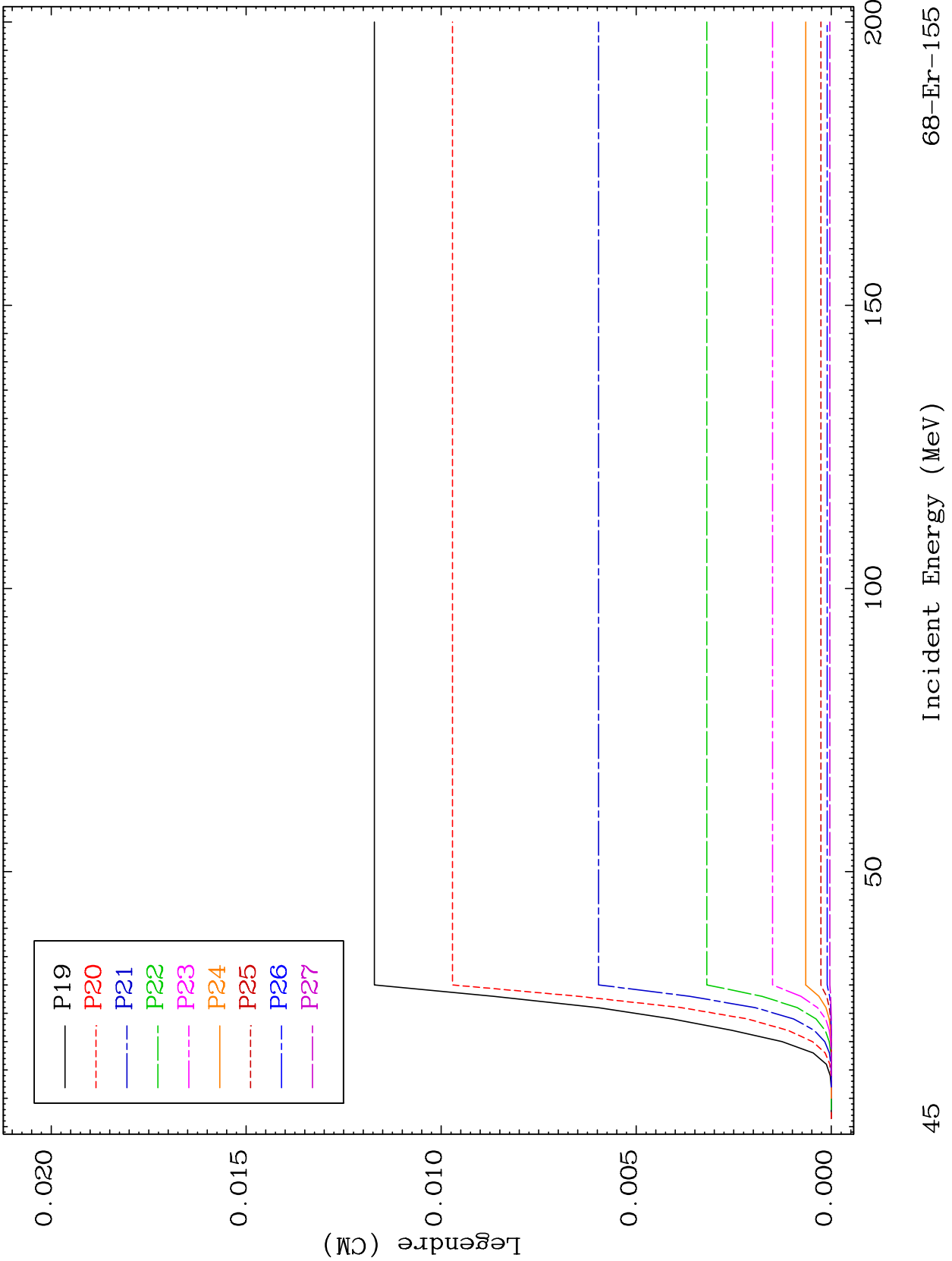
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



45

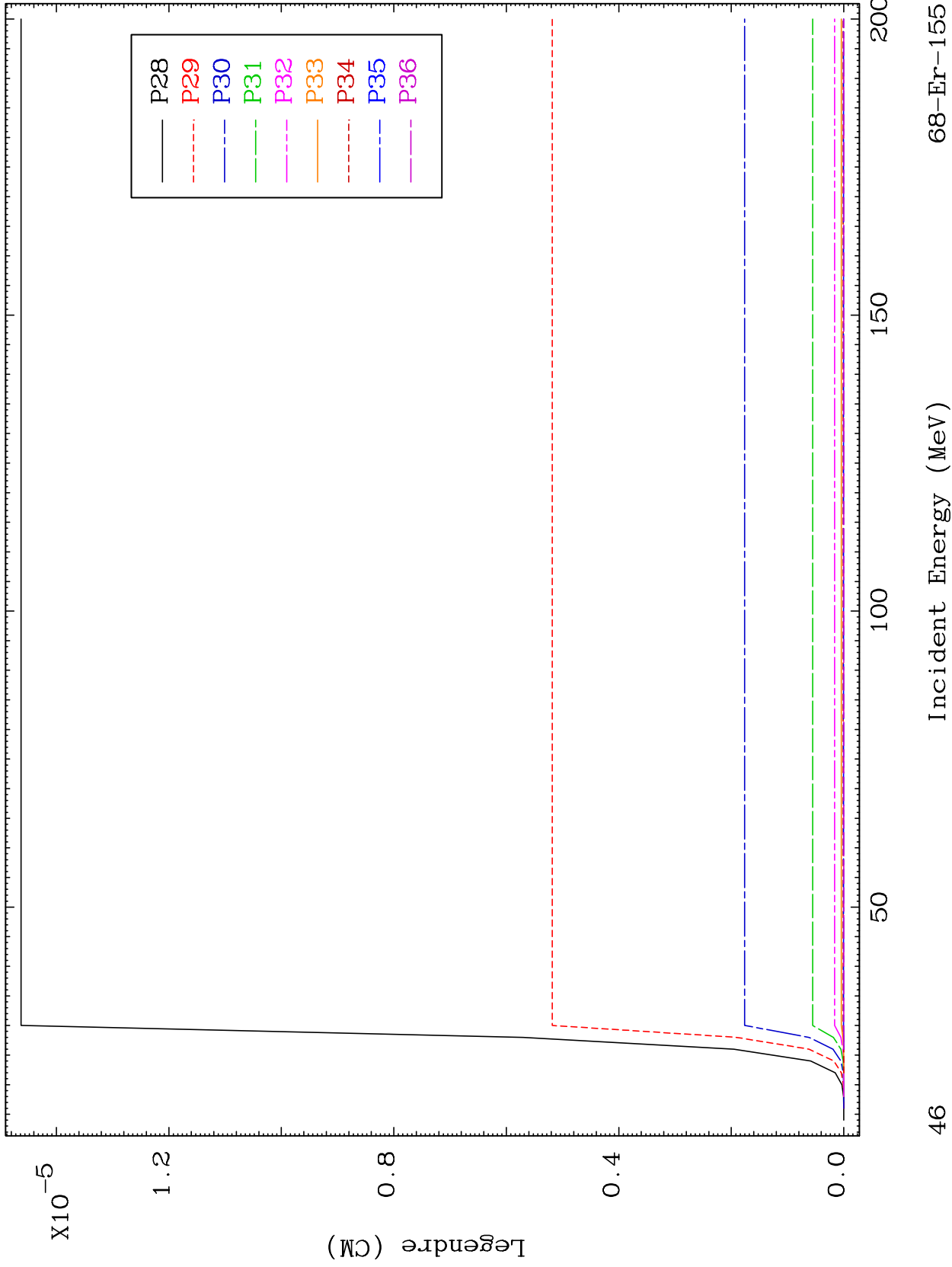
Incident Energy (MeV)

68-Er-155

MAT 6804

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

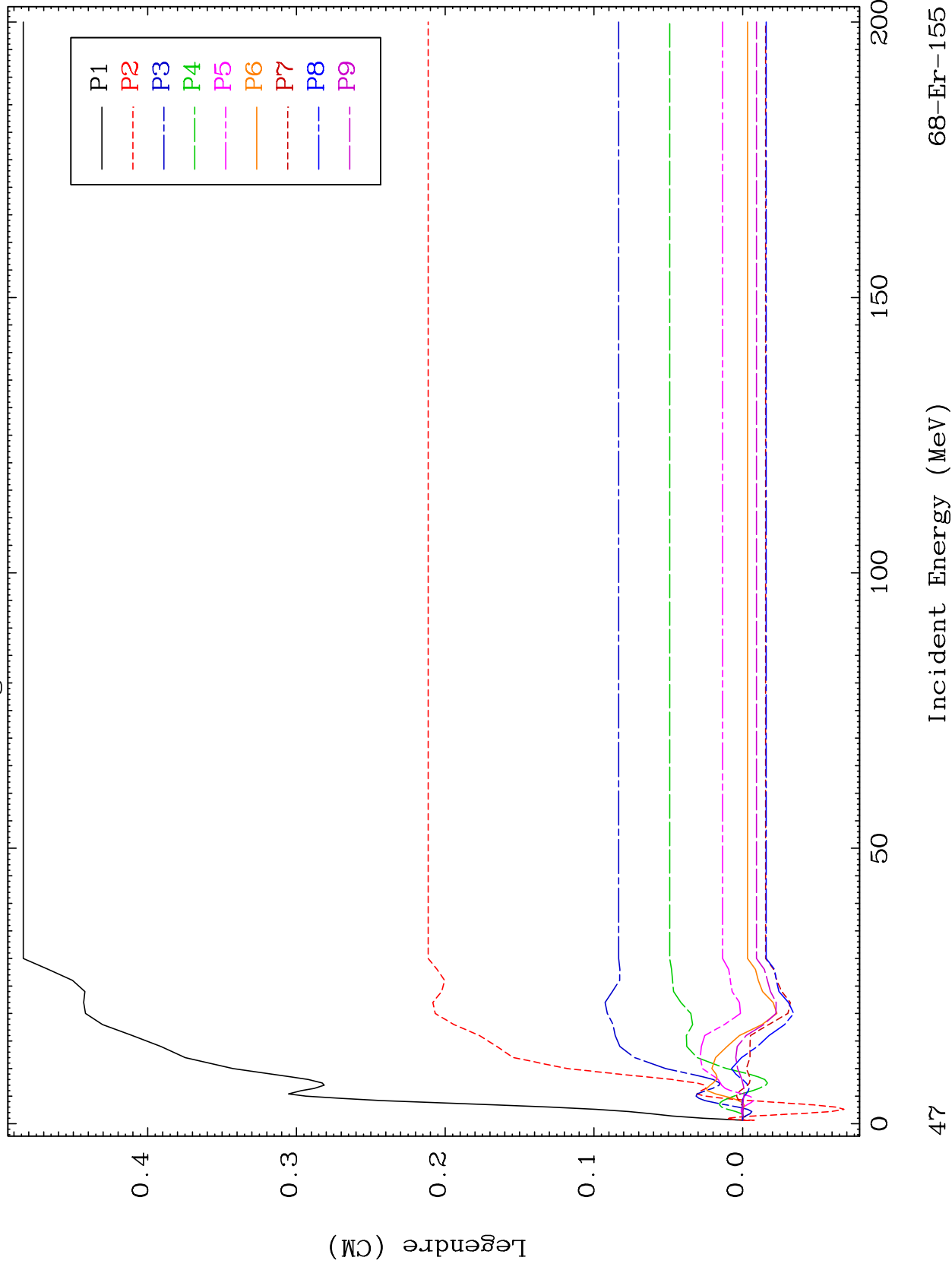
68-Er-155



MAT 6804

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

68-Er-155



68-Er-155

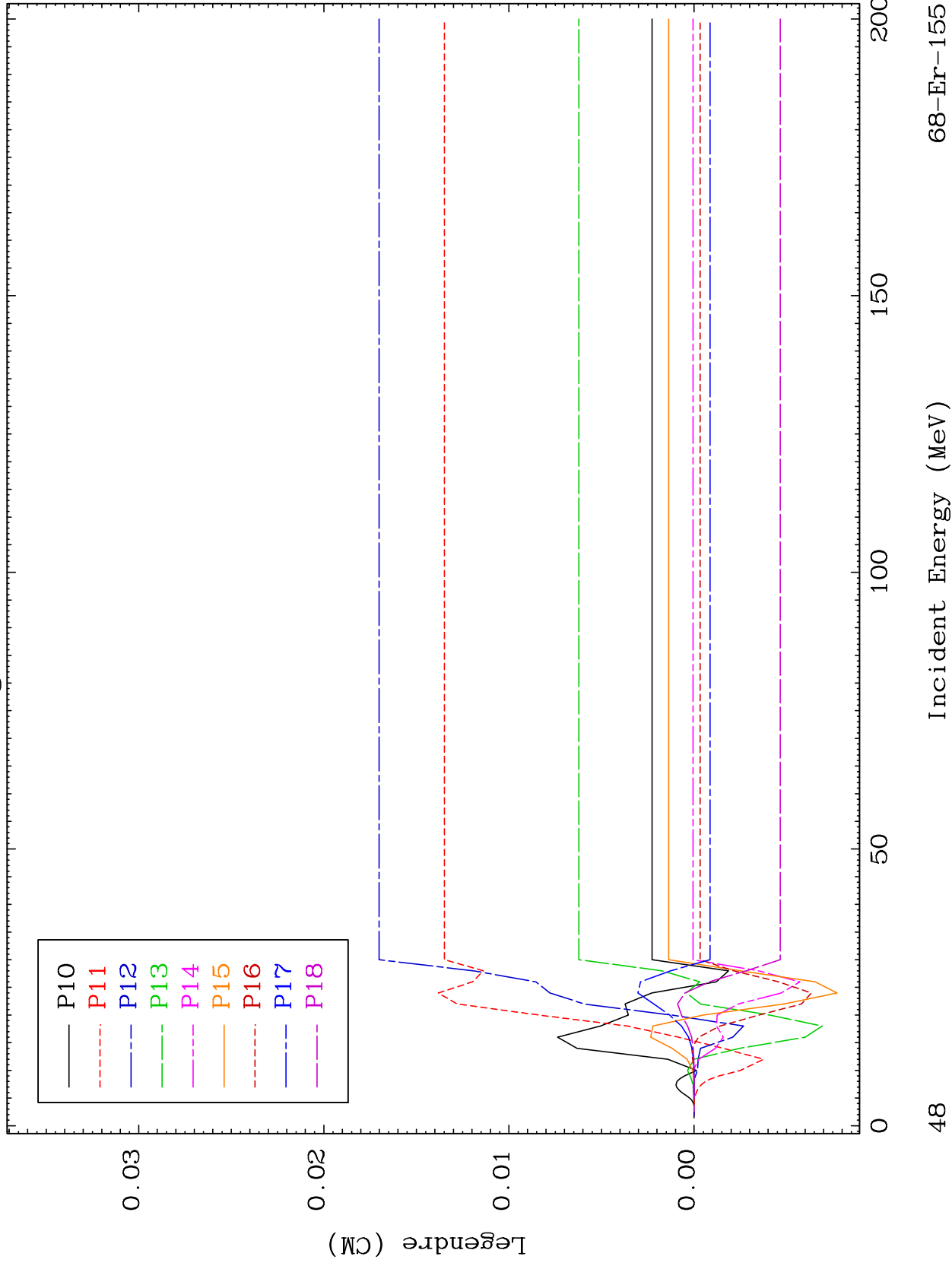
Incident Energy (MeV)

47

MAT 6804

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

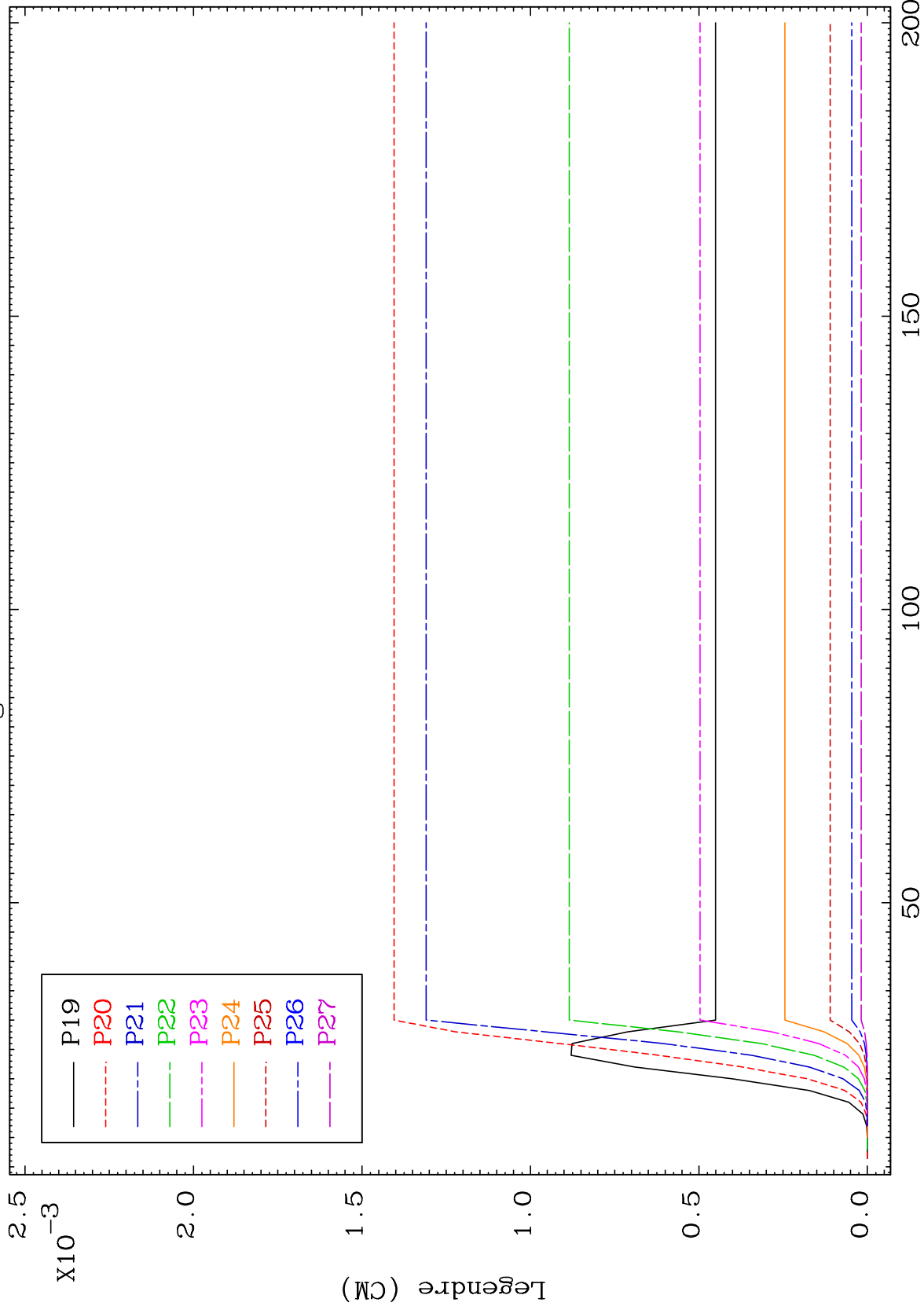
68-Er-155



68-Er-155

Incident Energy (MeV)

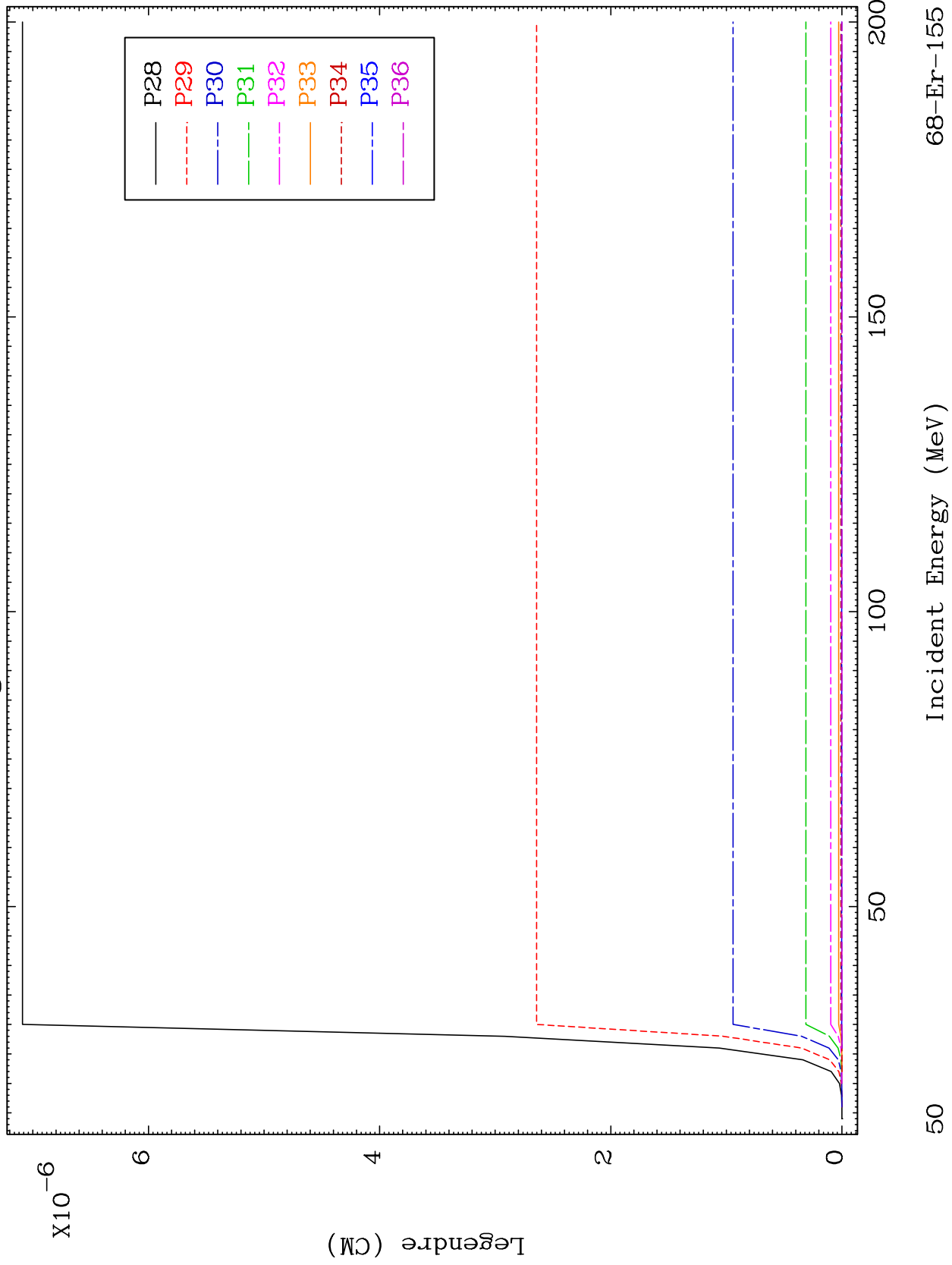
48



MAT 6804

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

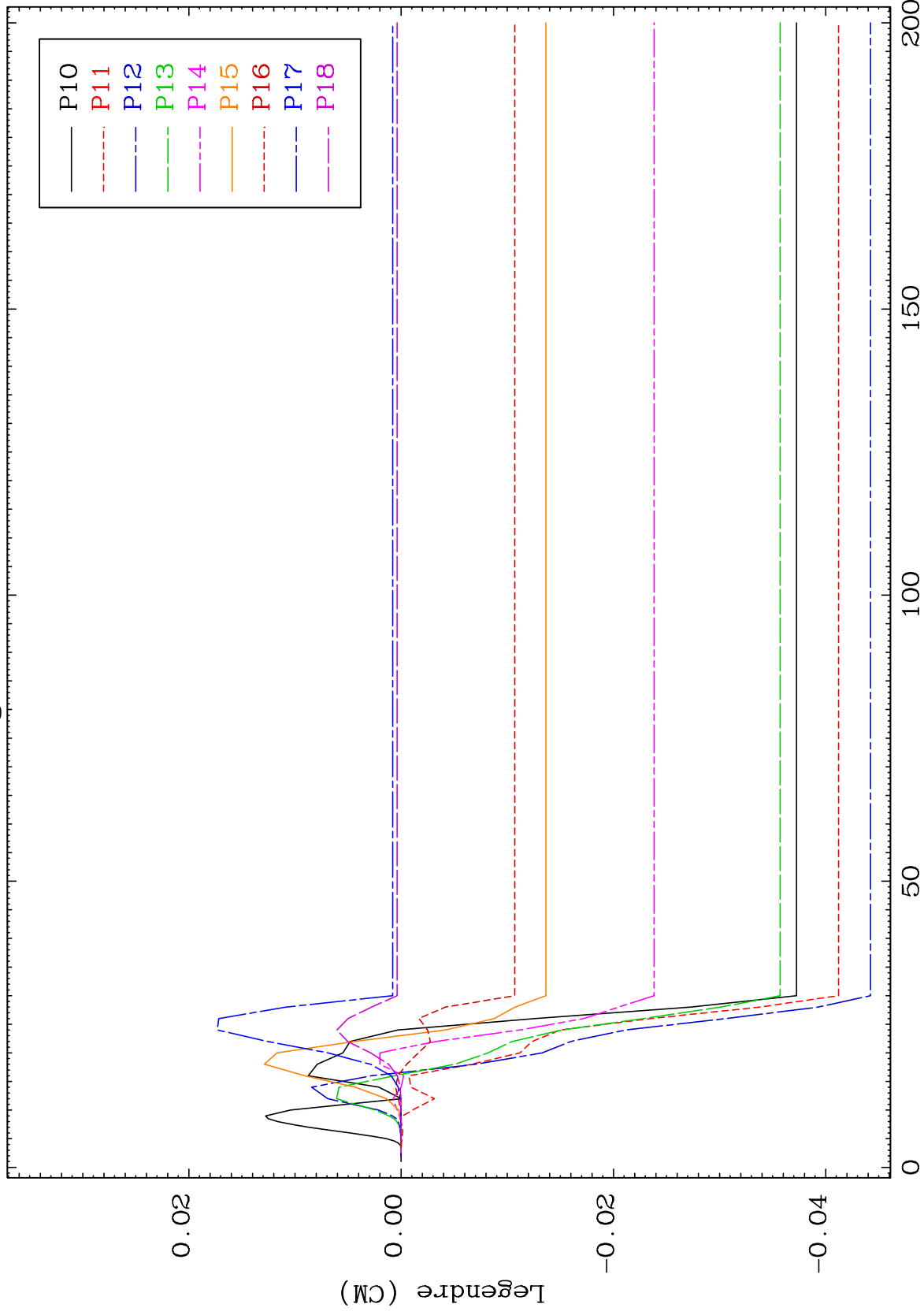
68-Er-155



MAT 6804

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

68-Er-155



52

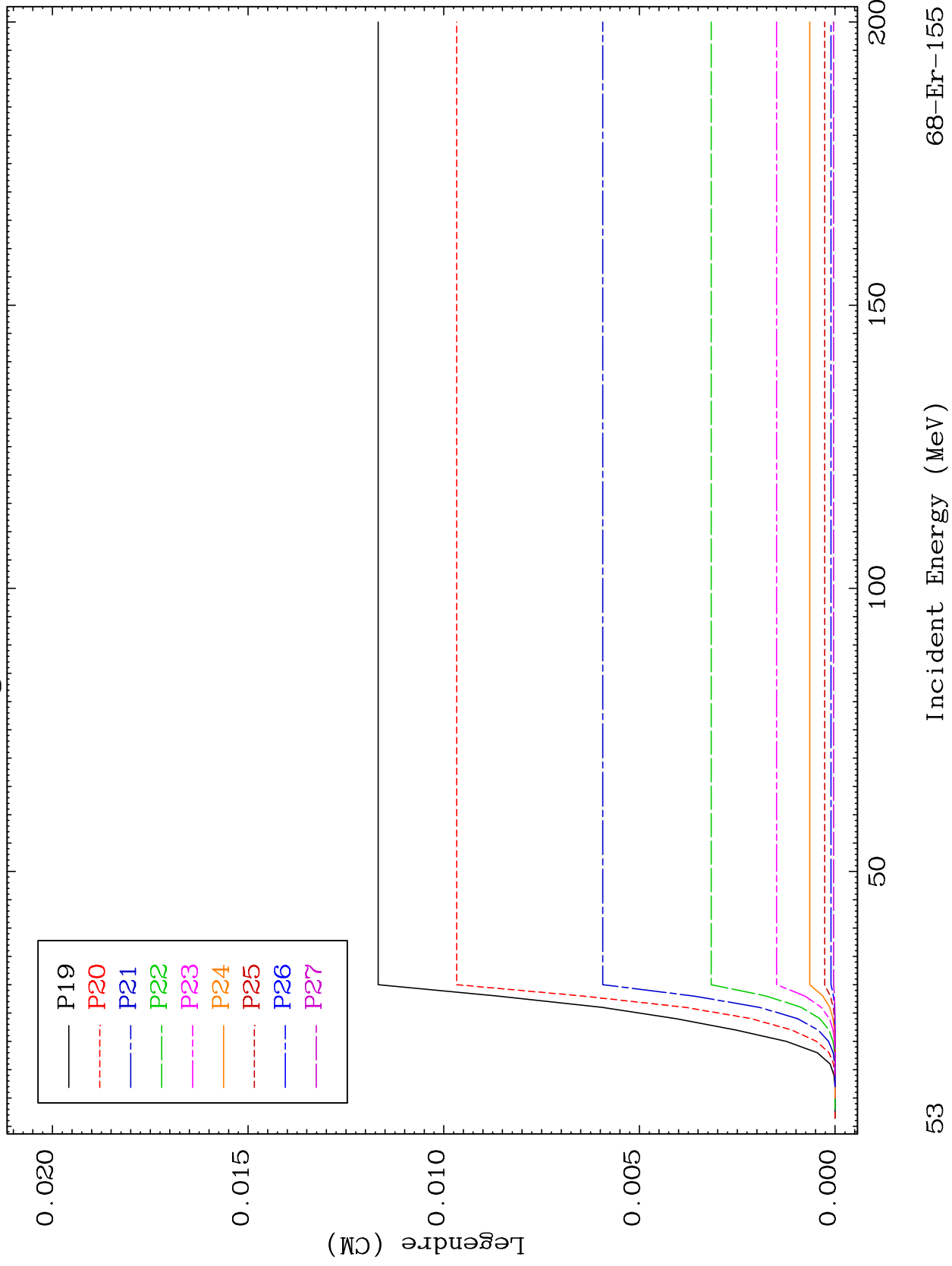
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

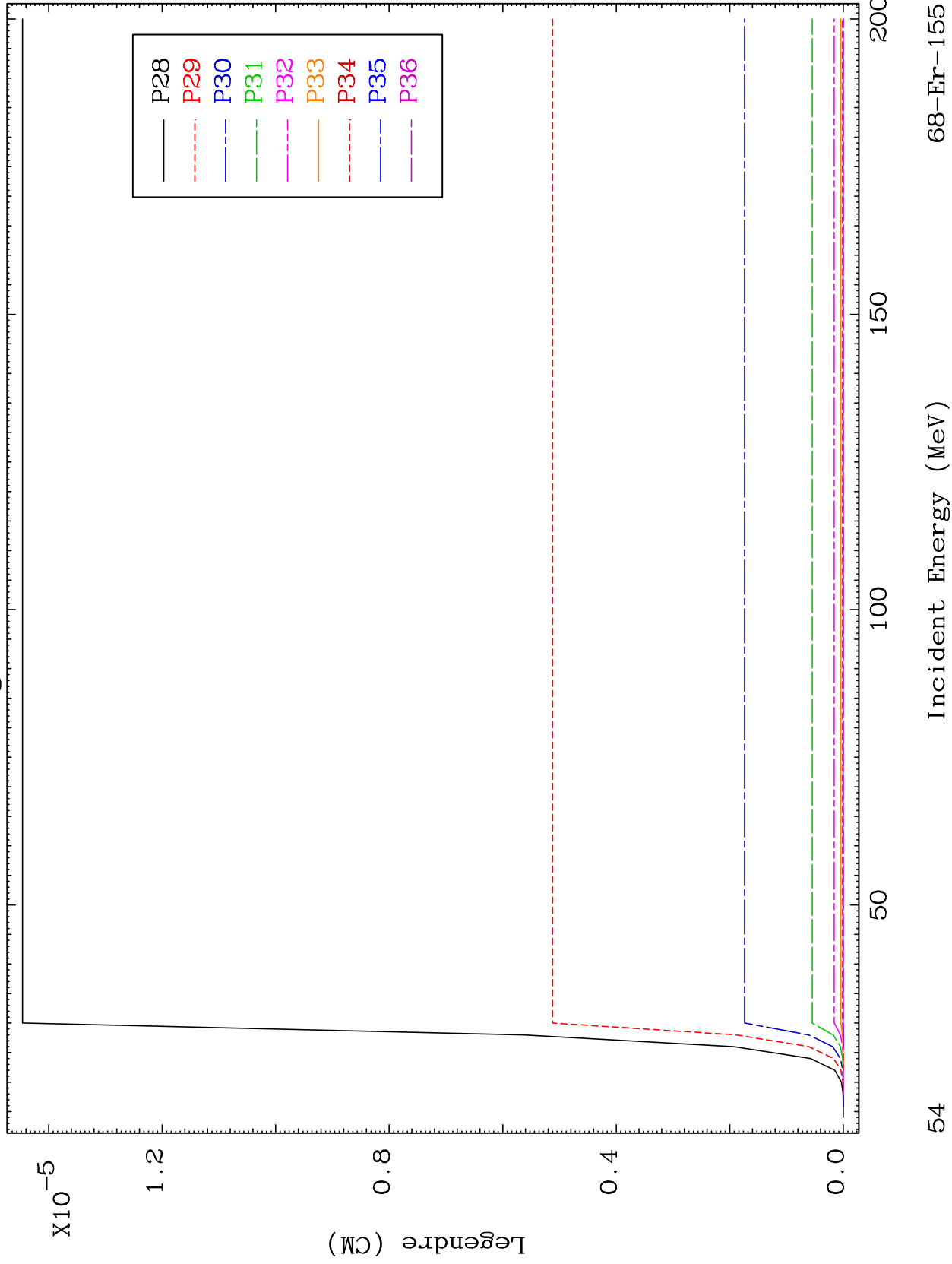


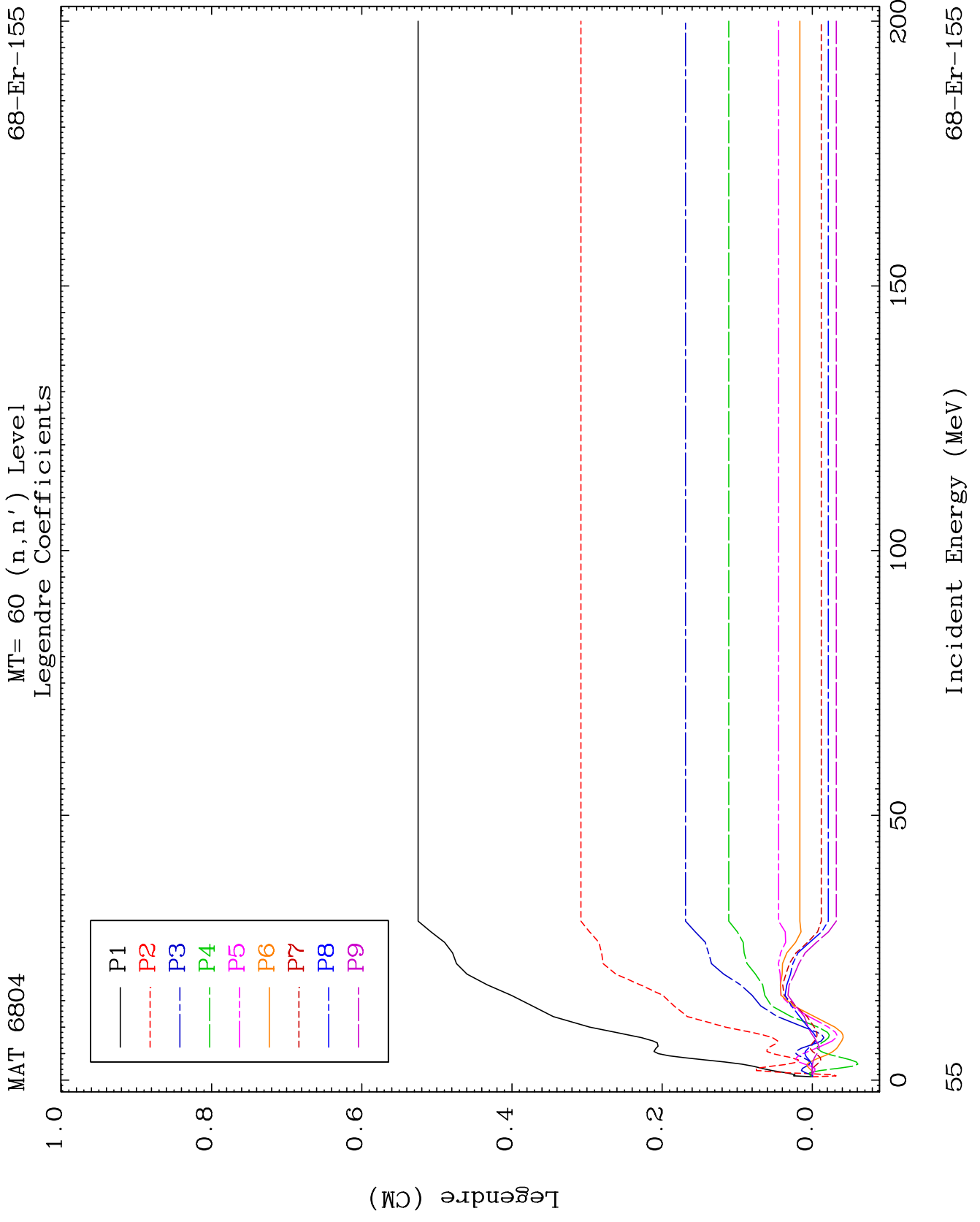
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MAT 6804

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

68-Er-155

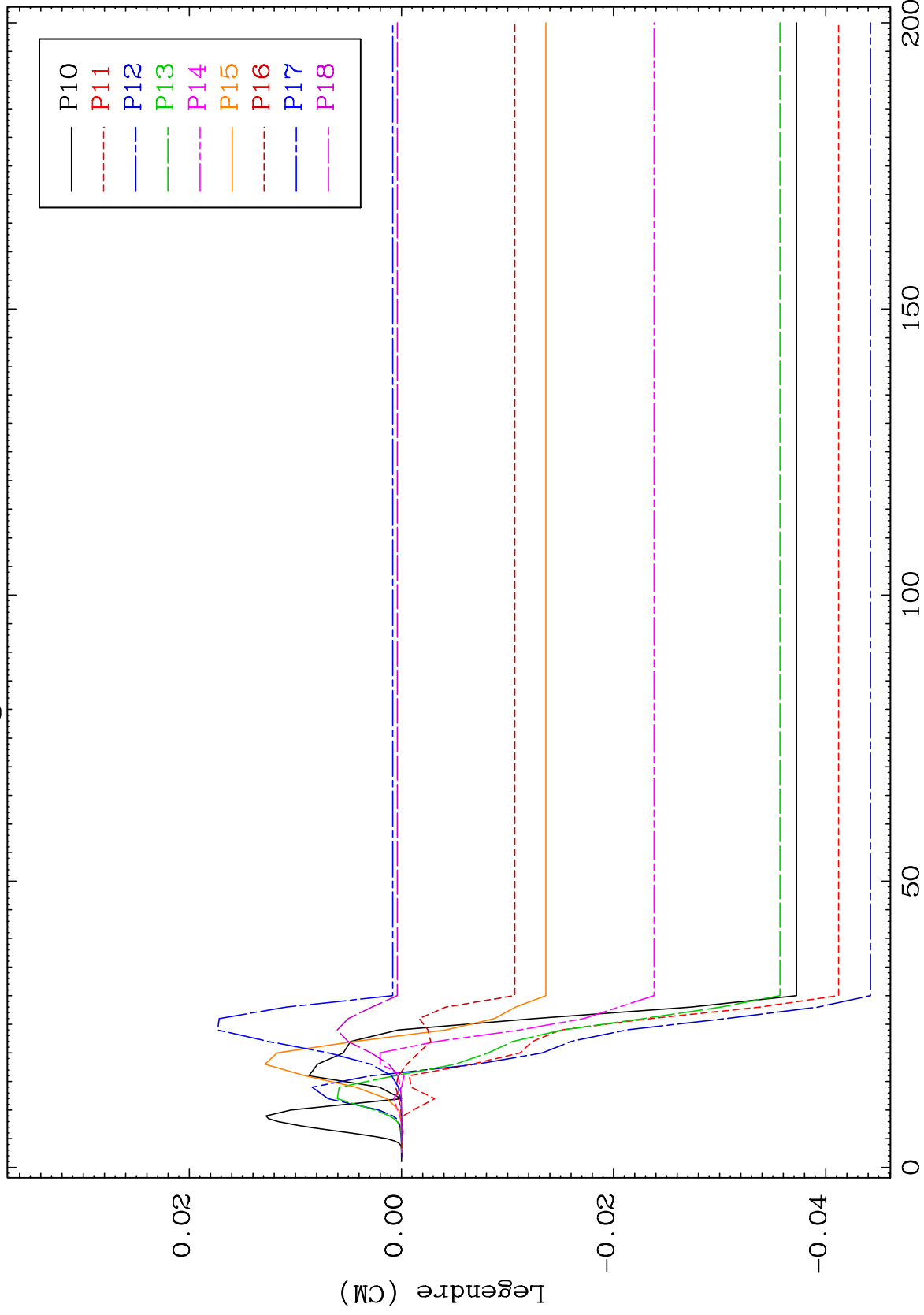




MAT 6804

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

68-Er-155



56

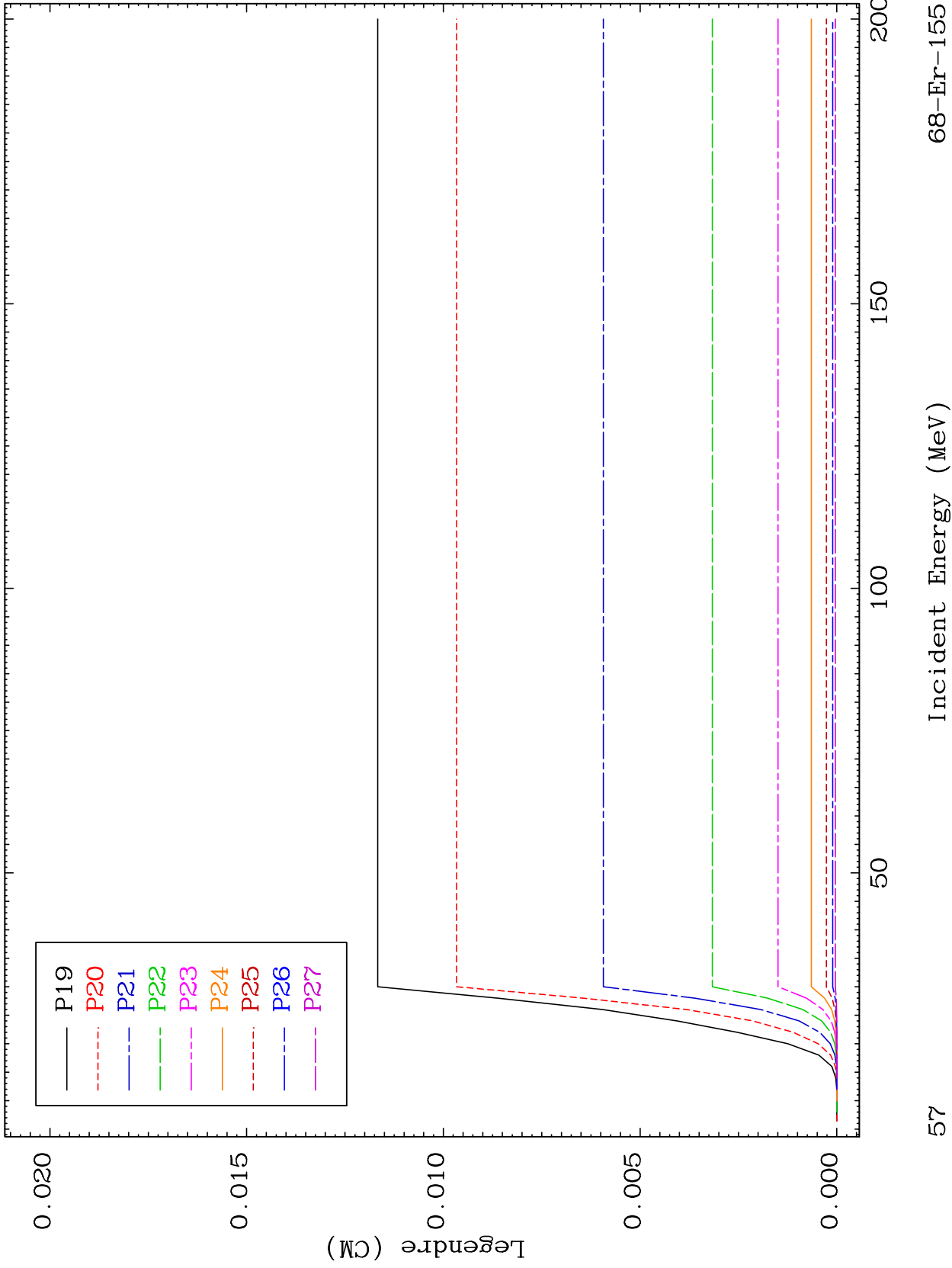
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



57

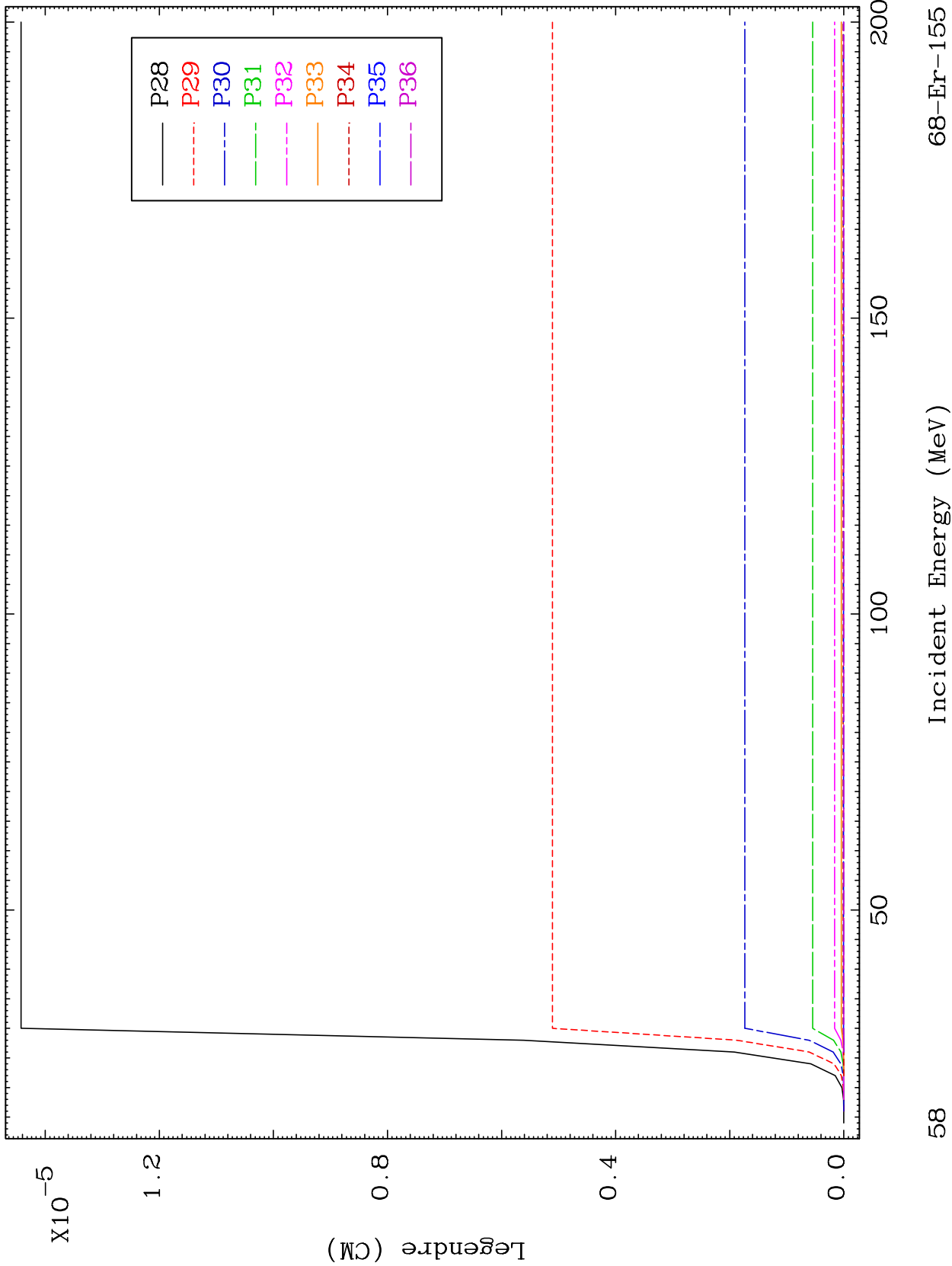
Incident Energy (MeV)

68-Er-155

MAT 6804

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

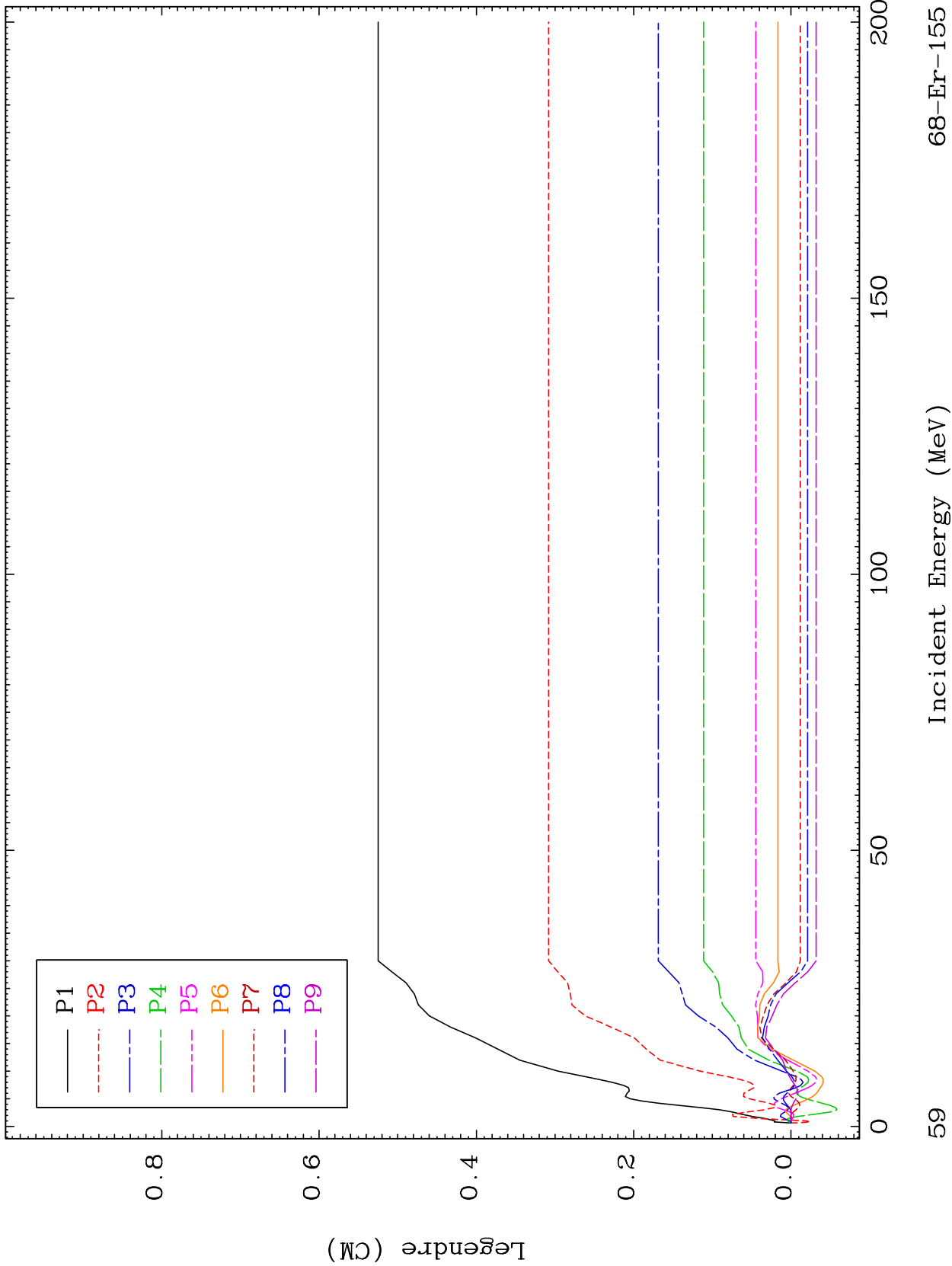
68-Er-155



MAT 6804

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

68-Er-155



59

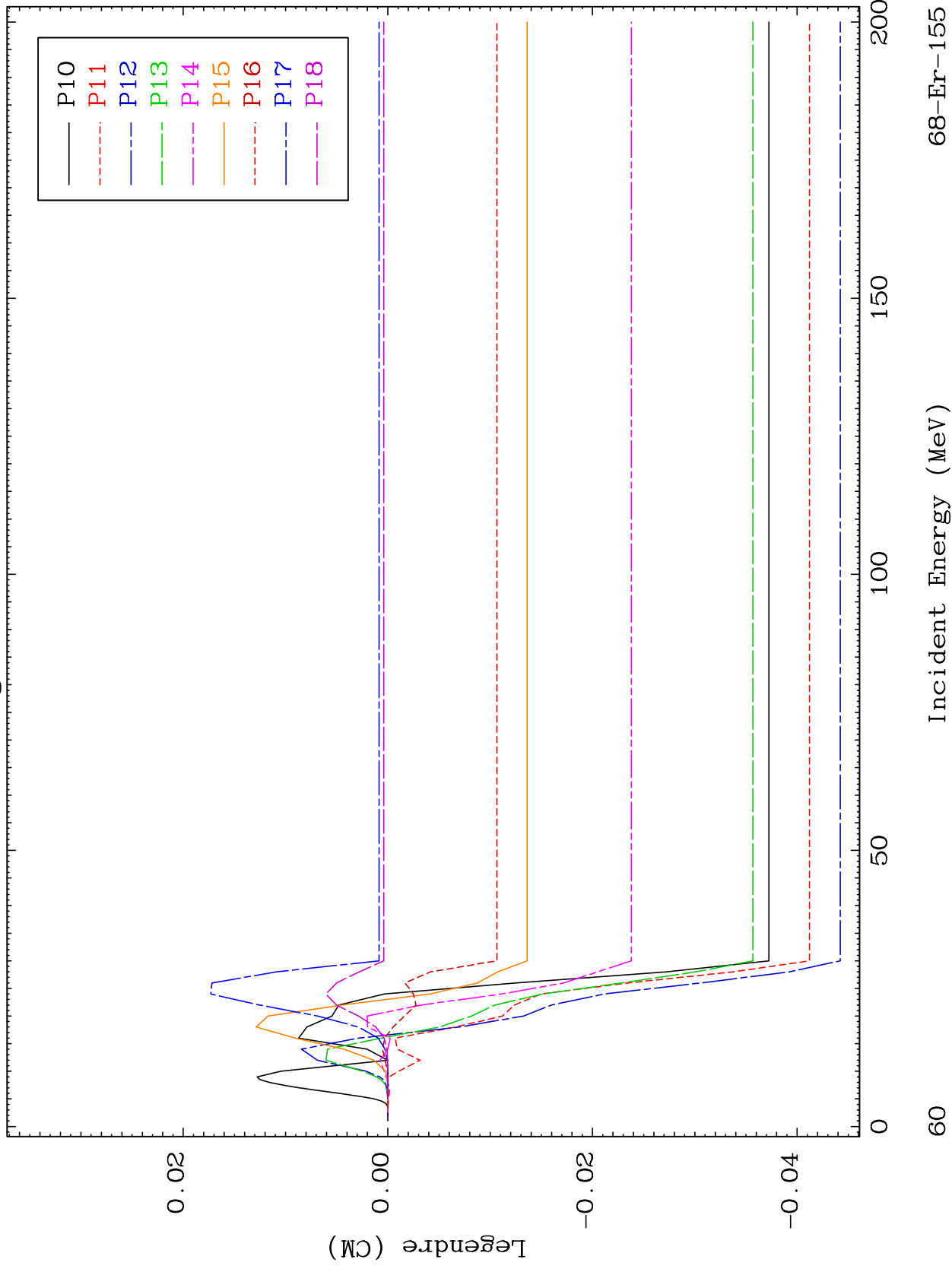
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

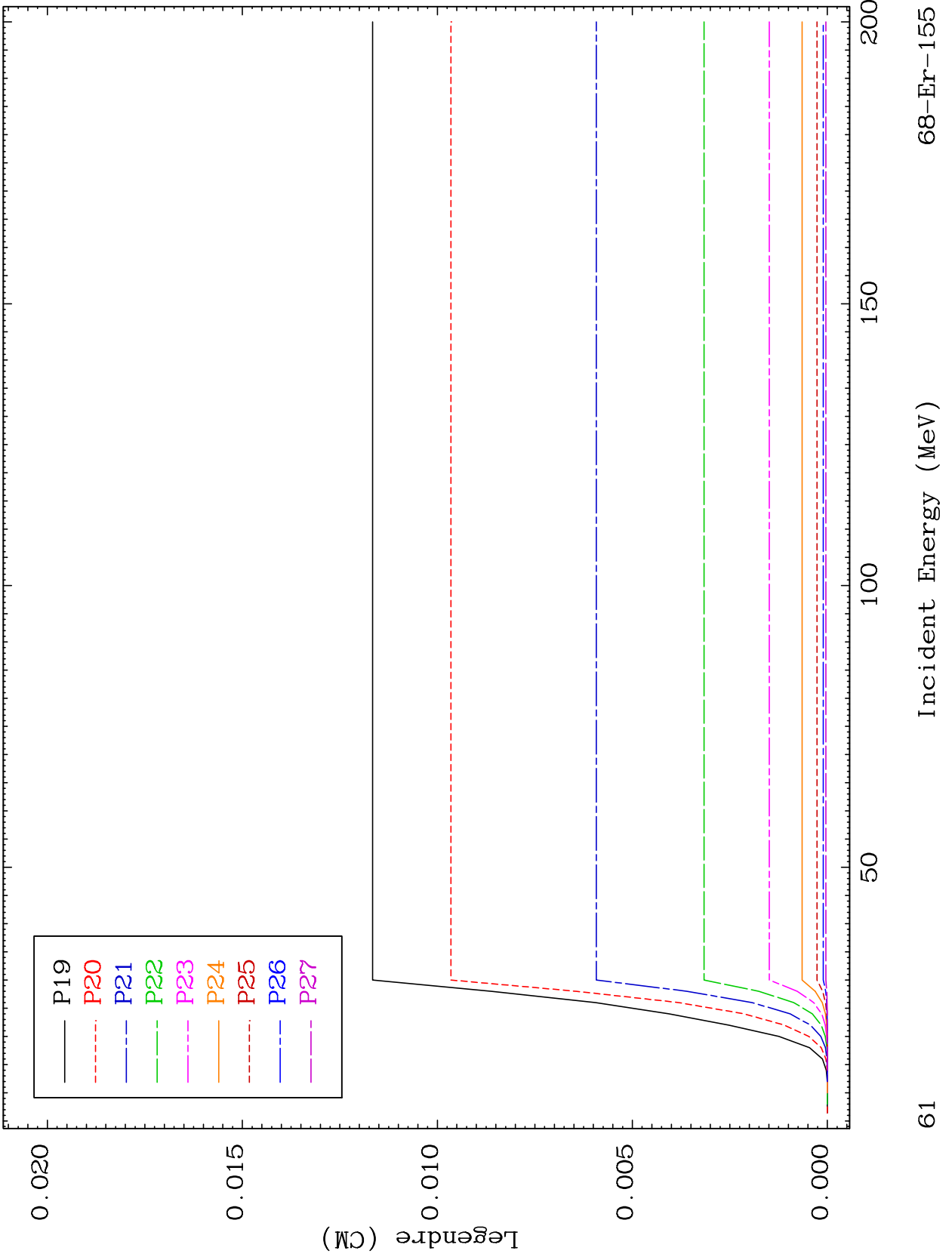


68-Er-155

MAT 6804

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

68-Er-155

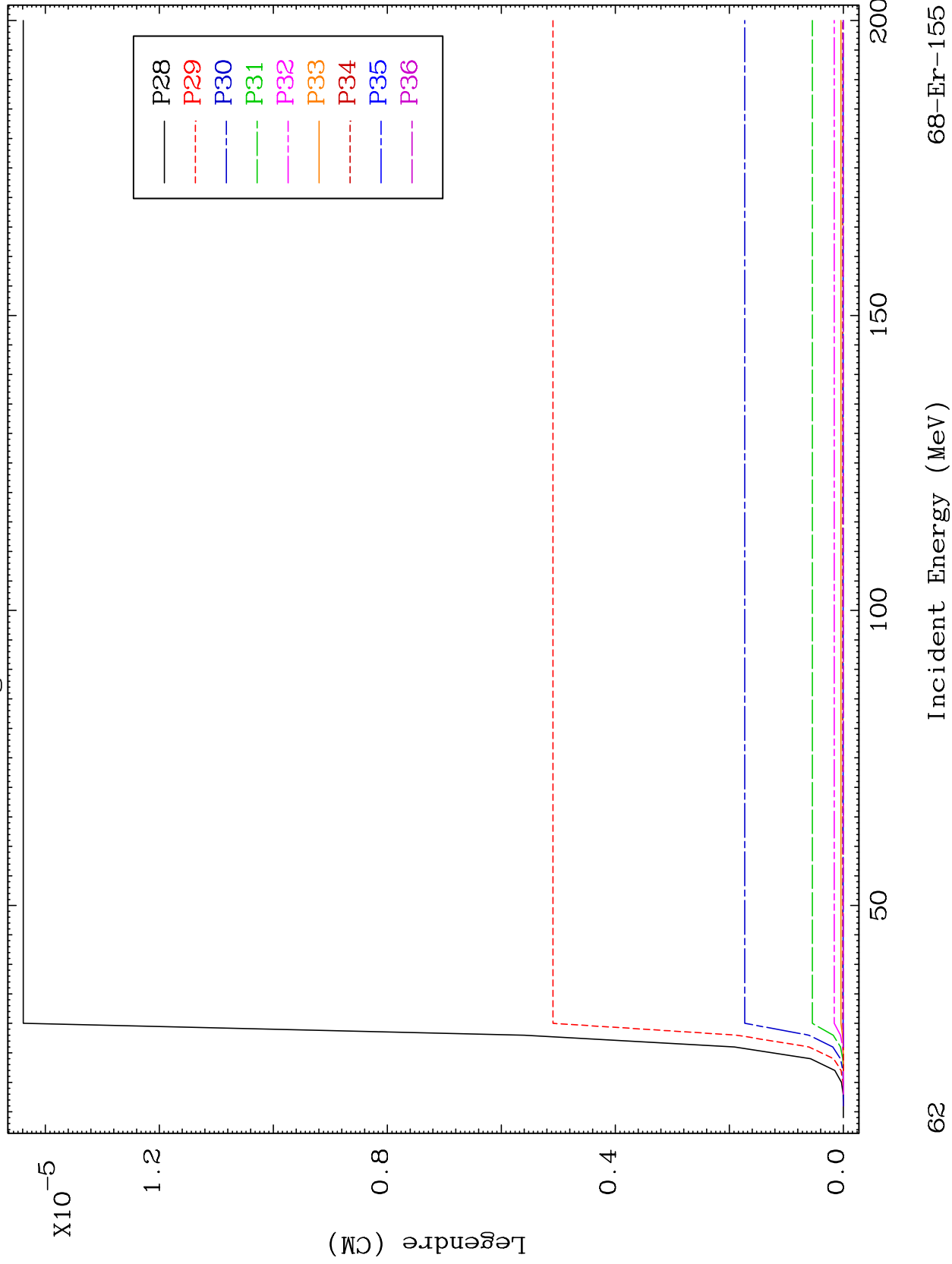


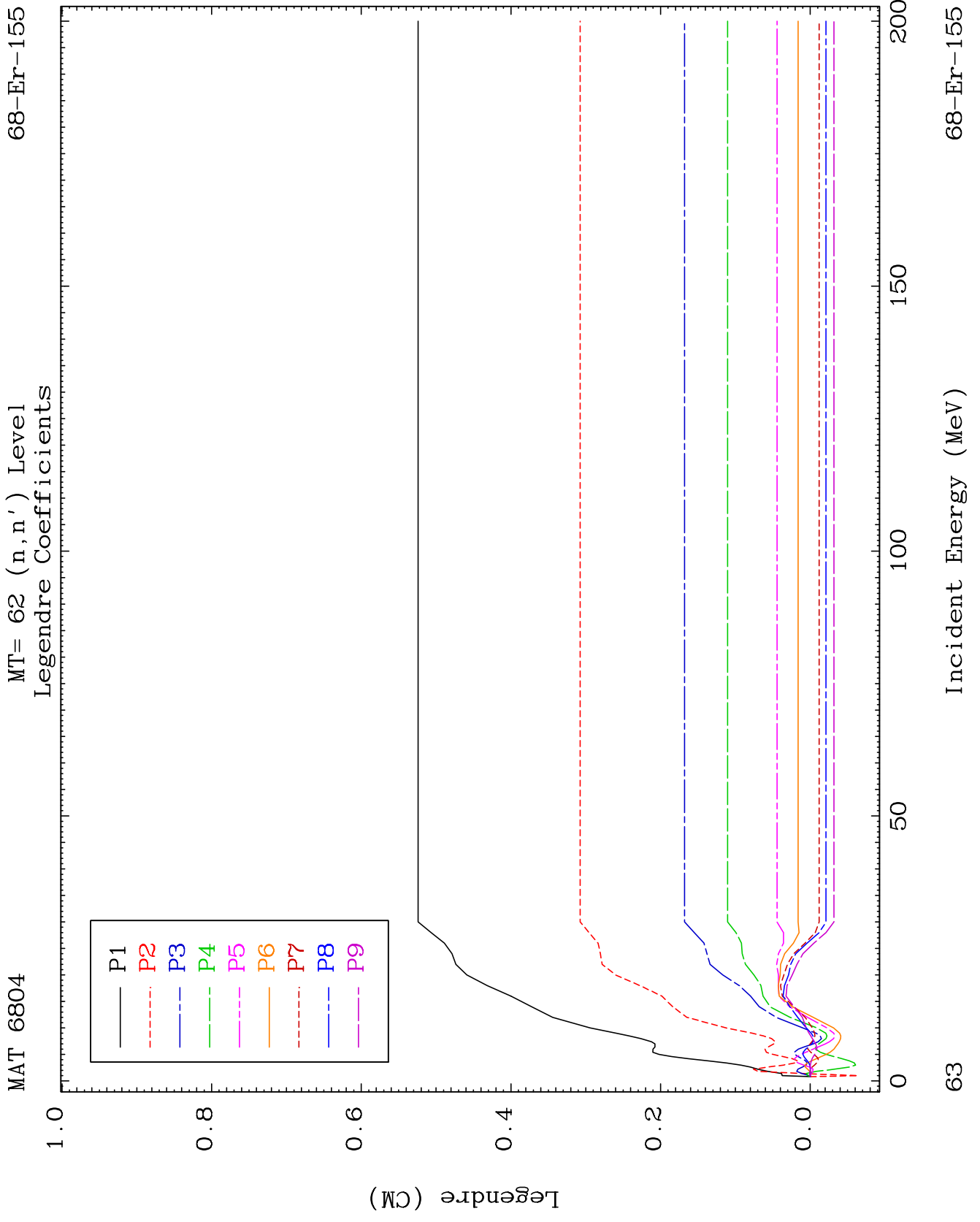
61

MAT 6804

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

68-Er-155

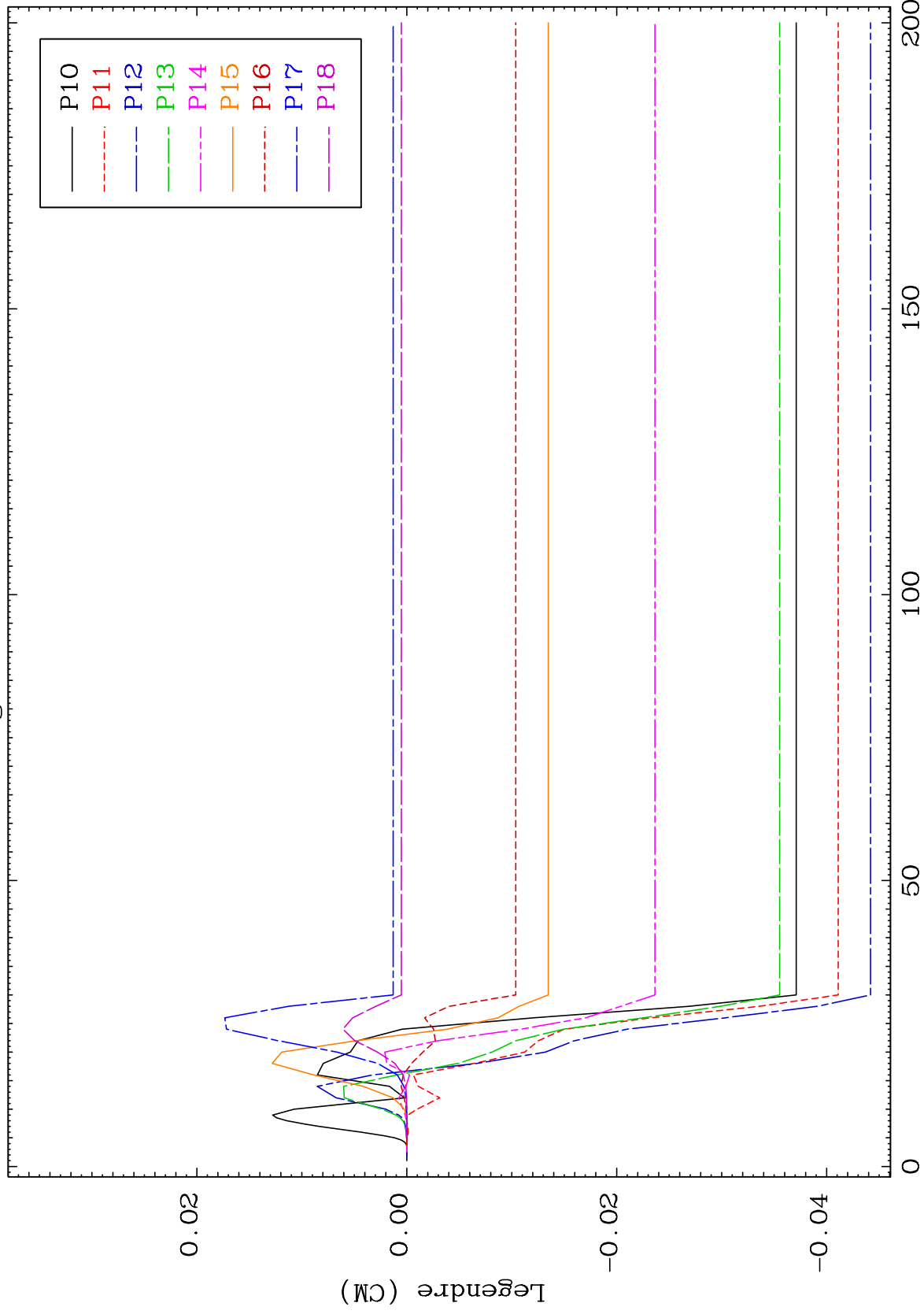




MAT 6804

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

68-Er-155



64

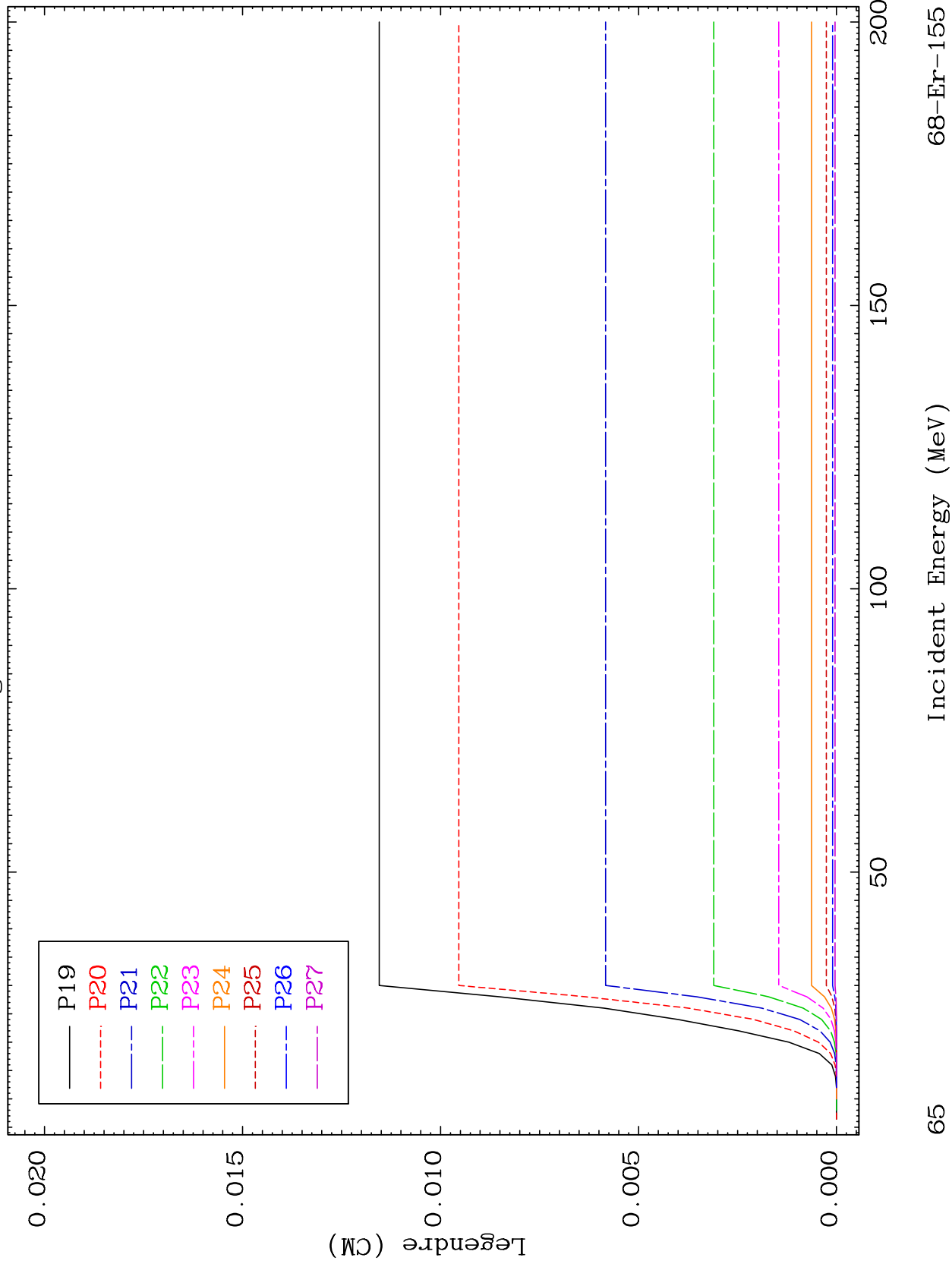
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



65

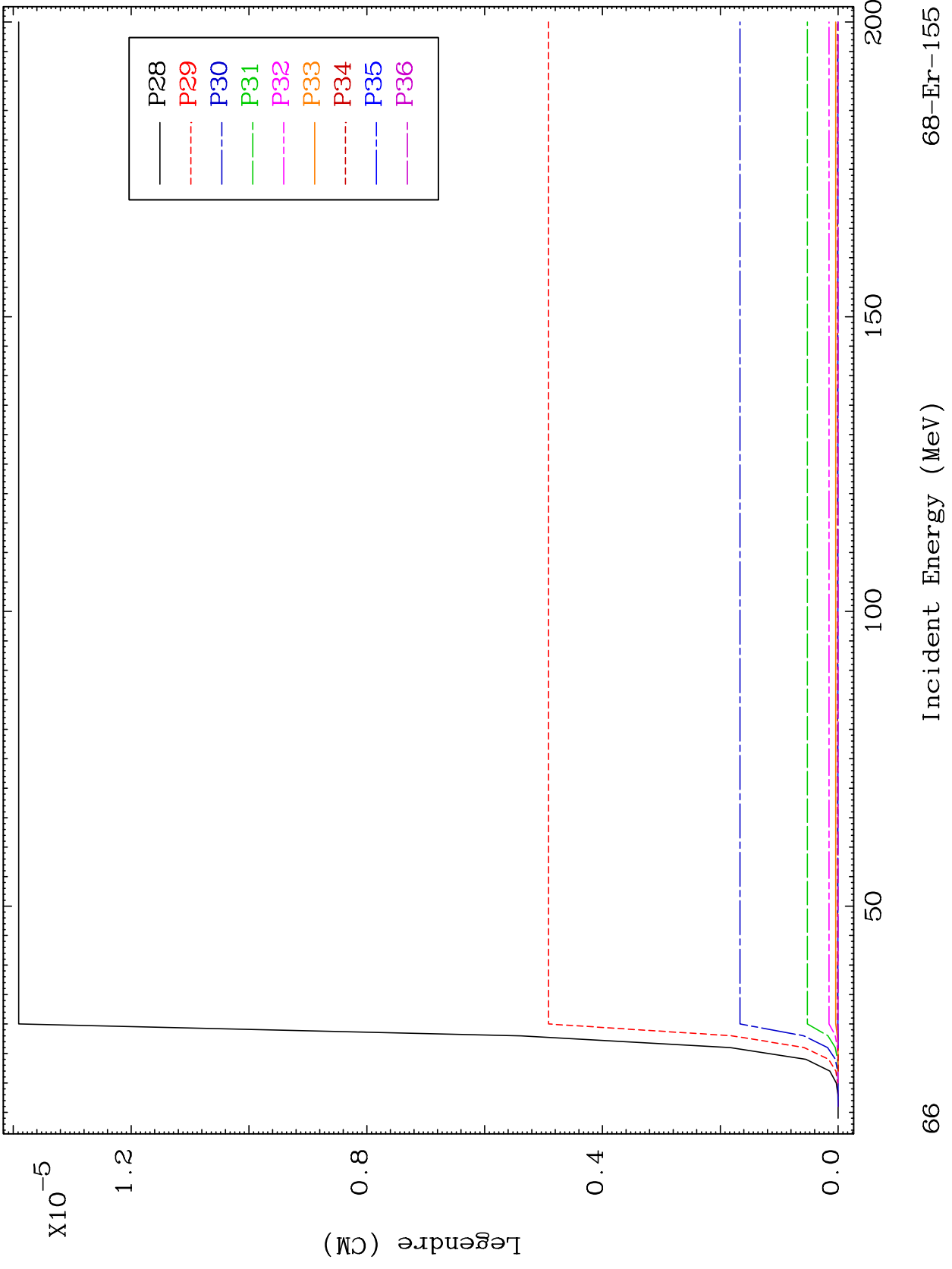
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



66

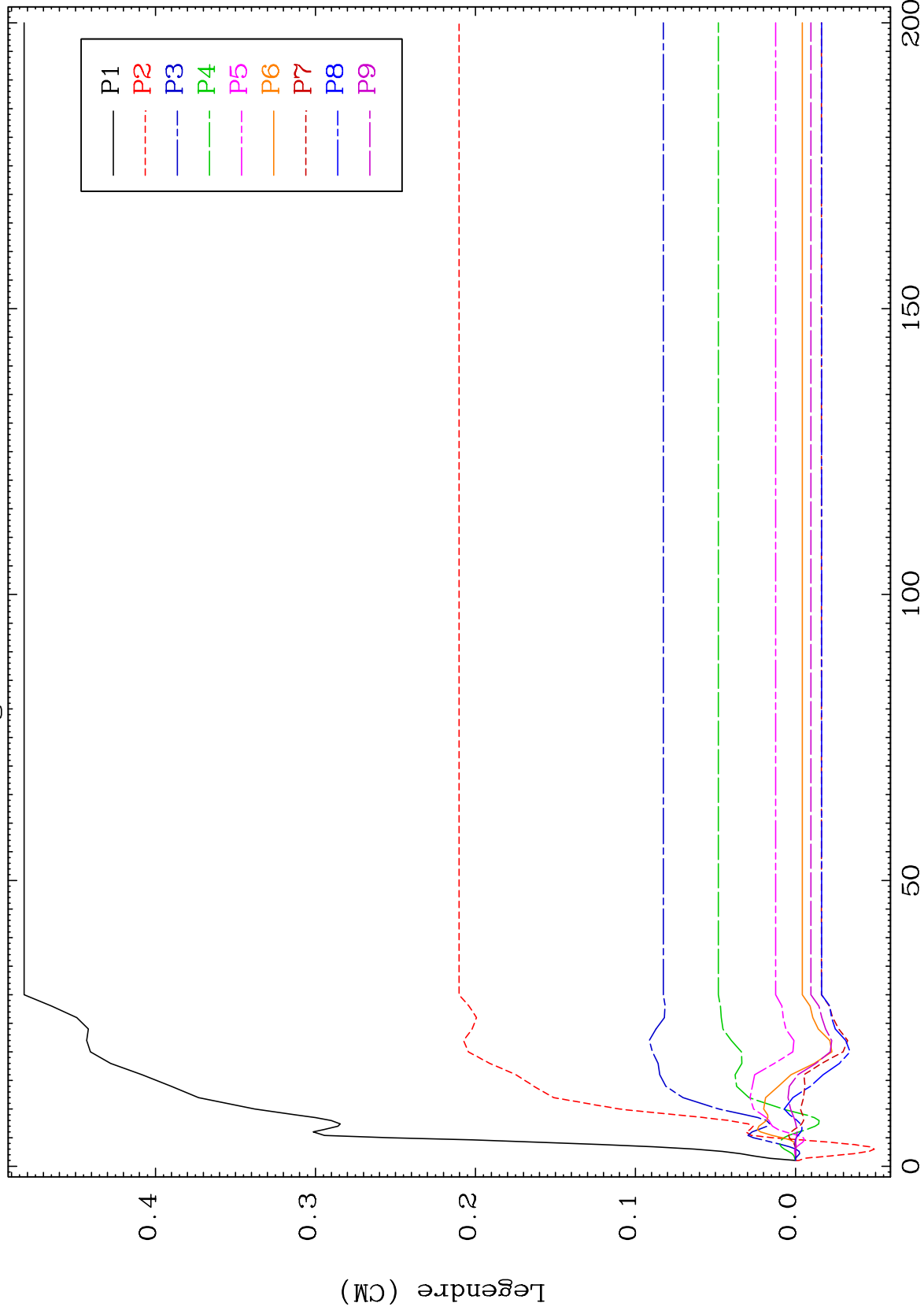
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



67

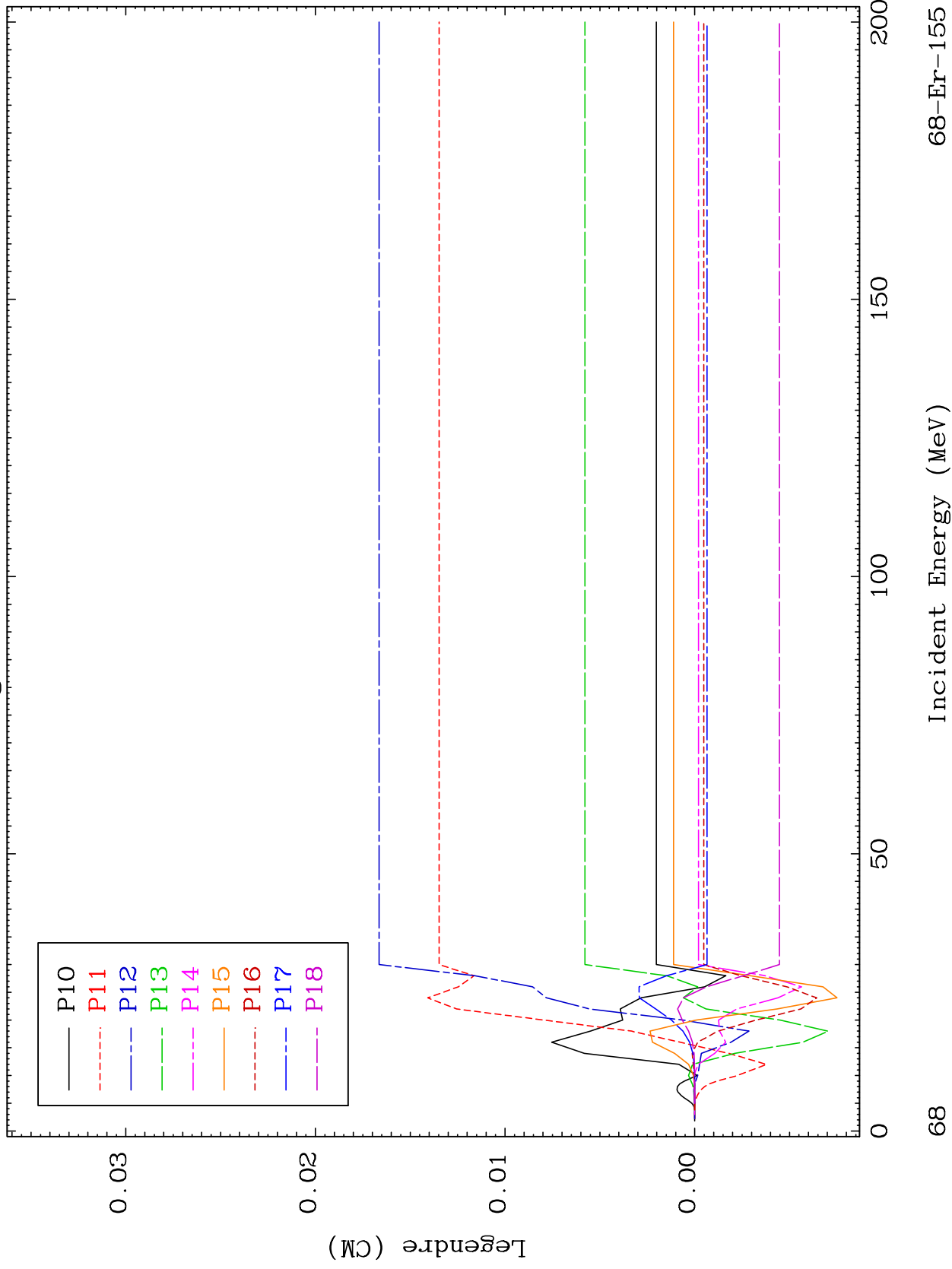
Incident Energy (MeV)

68-Er-155

MAT 6804

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

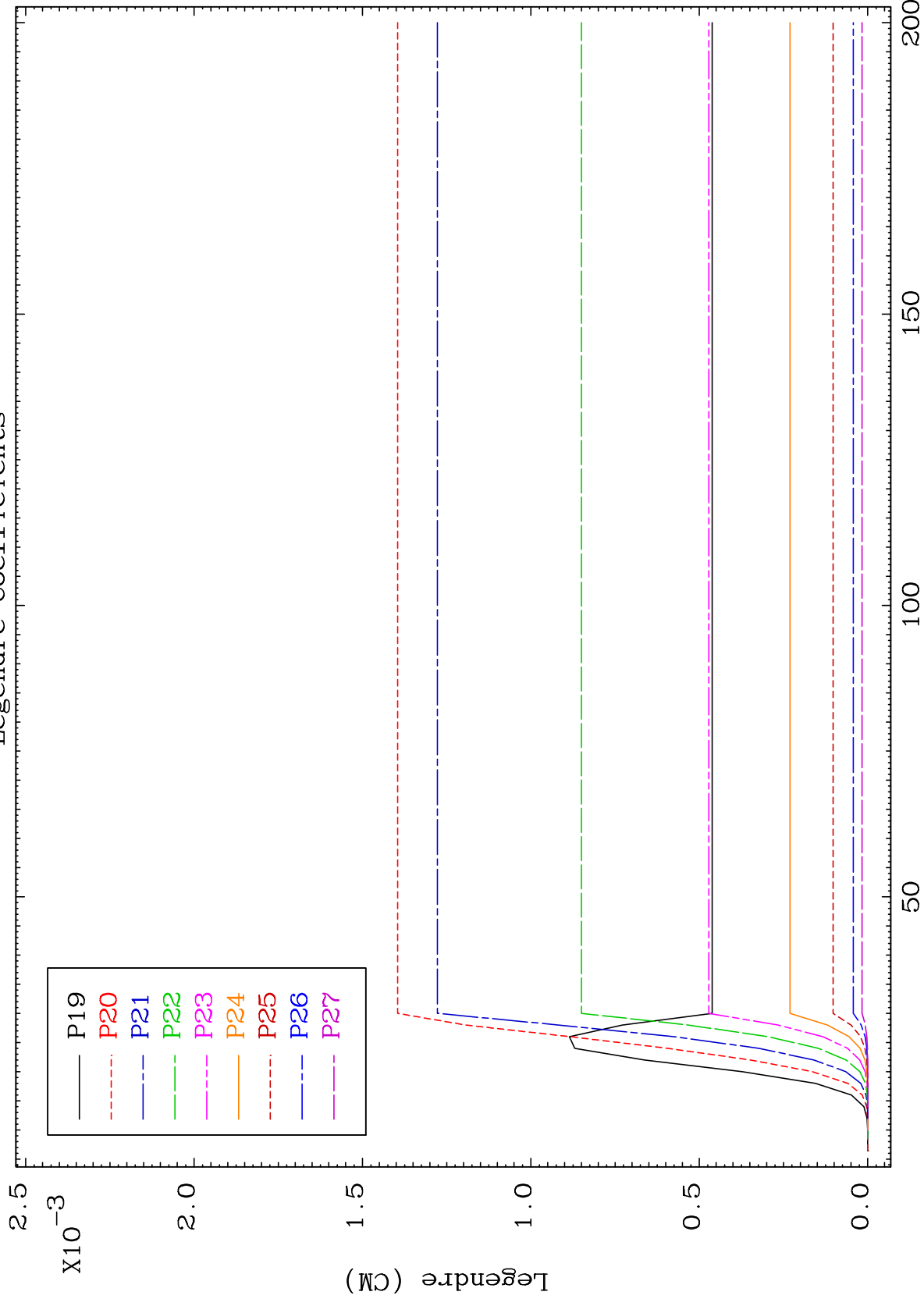
68-Er-155



68-Er-155

Incident Energy (MeV)

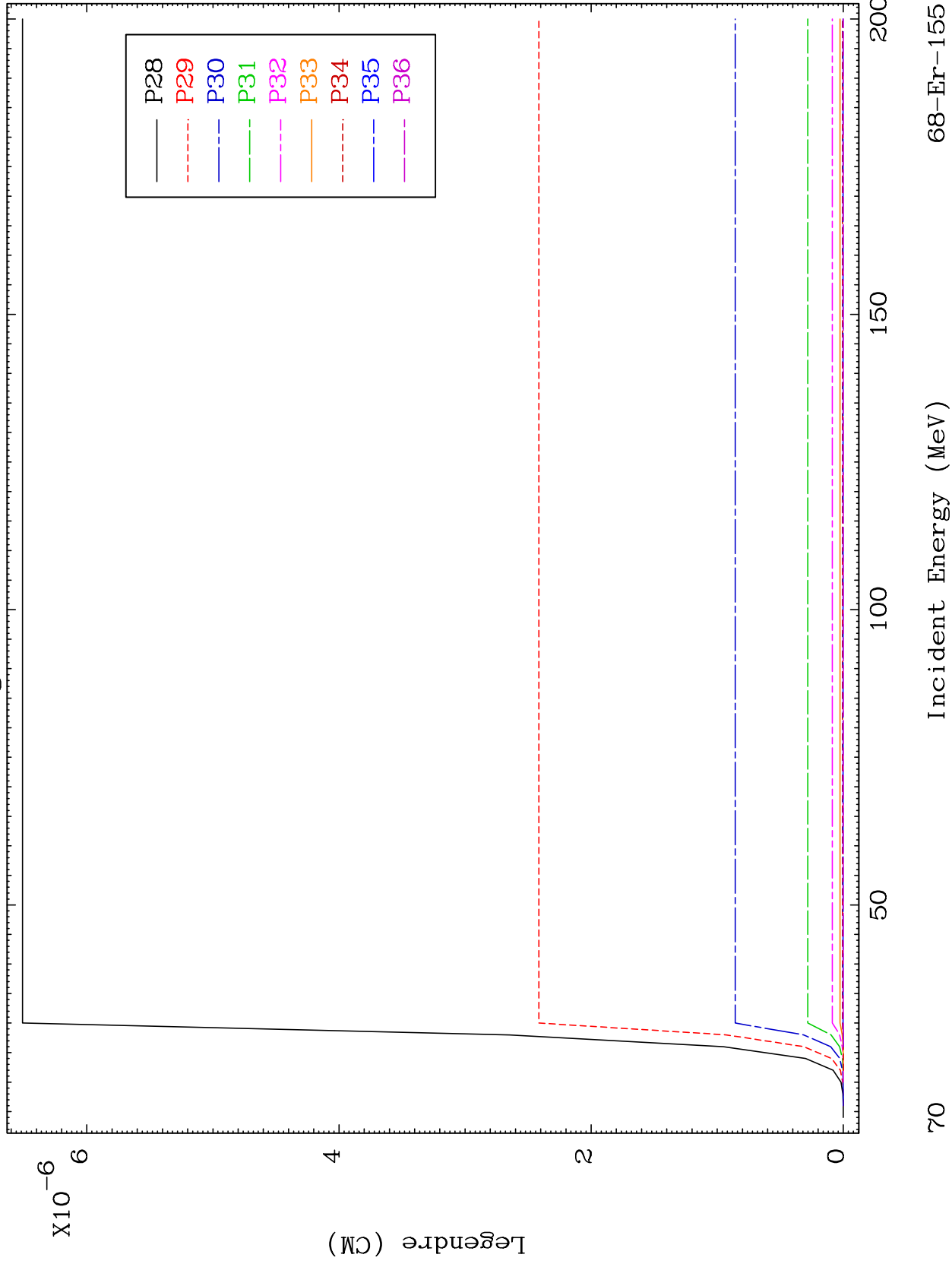
68



MAT 6804

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

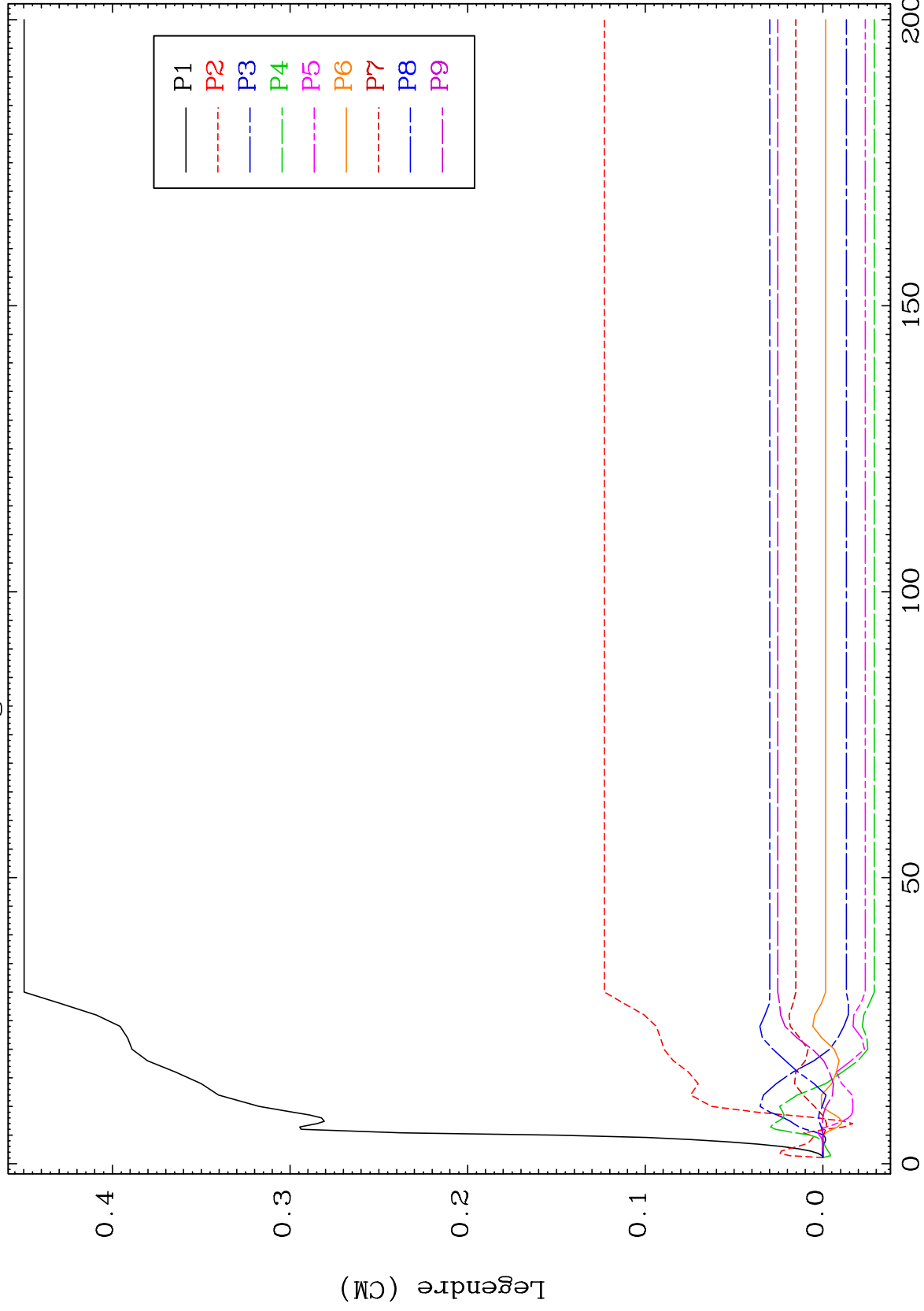
68-Er-155



MAT 6804

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

68-Er-155



71

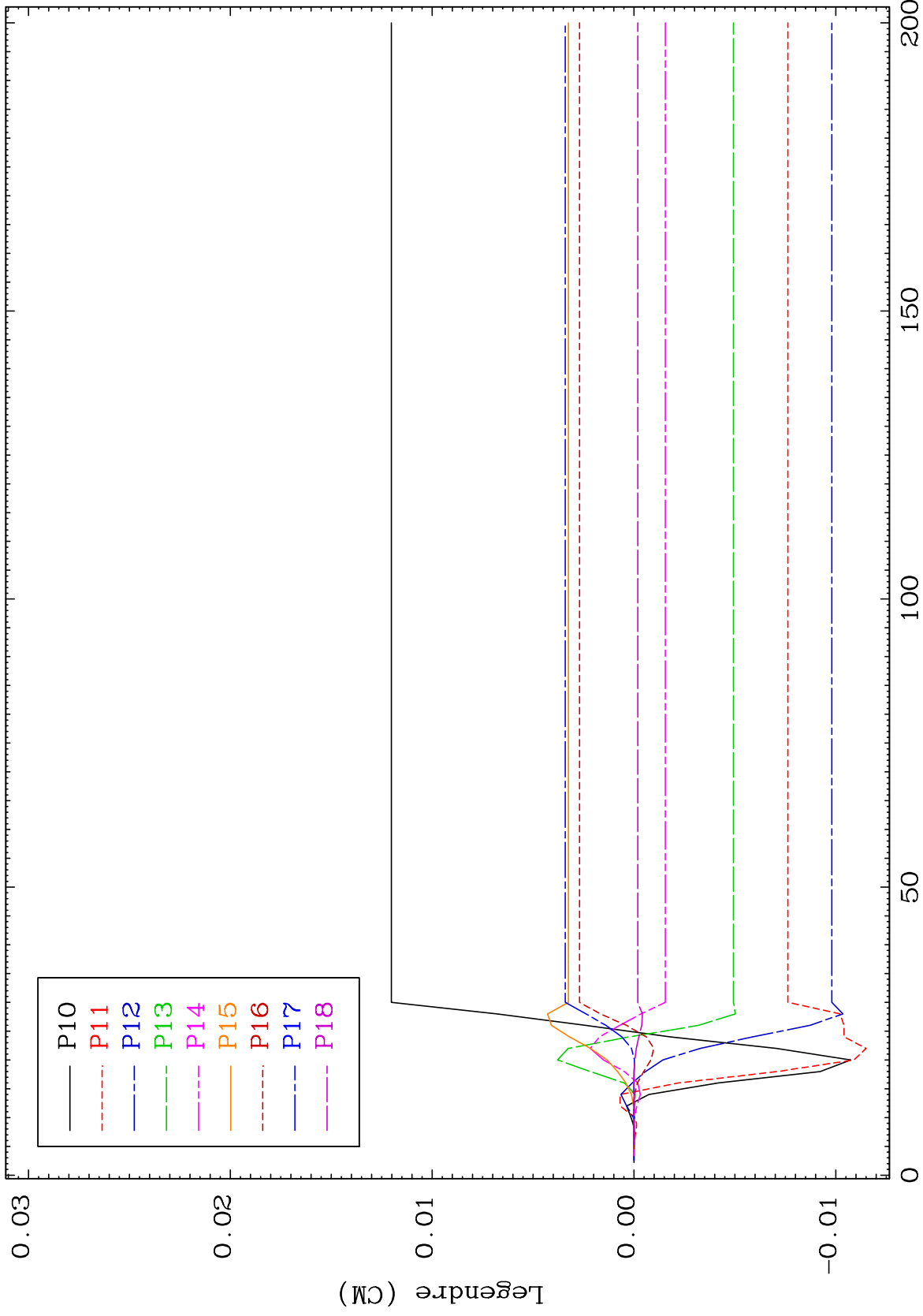
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



72

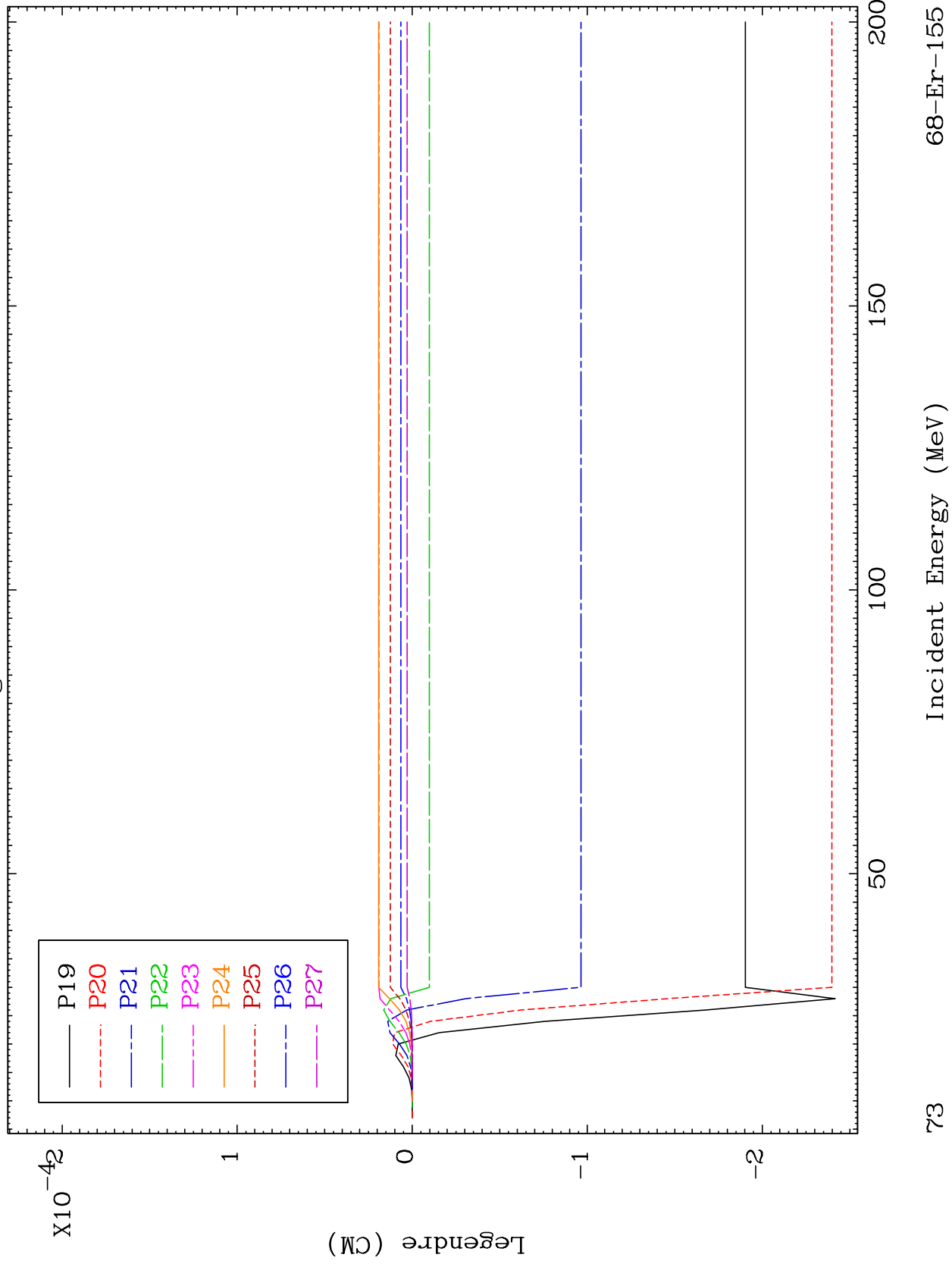
Incident Energy (MeV)

68-Er-155

MAT 6804

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

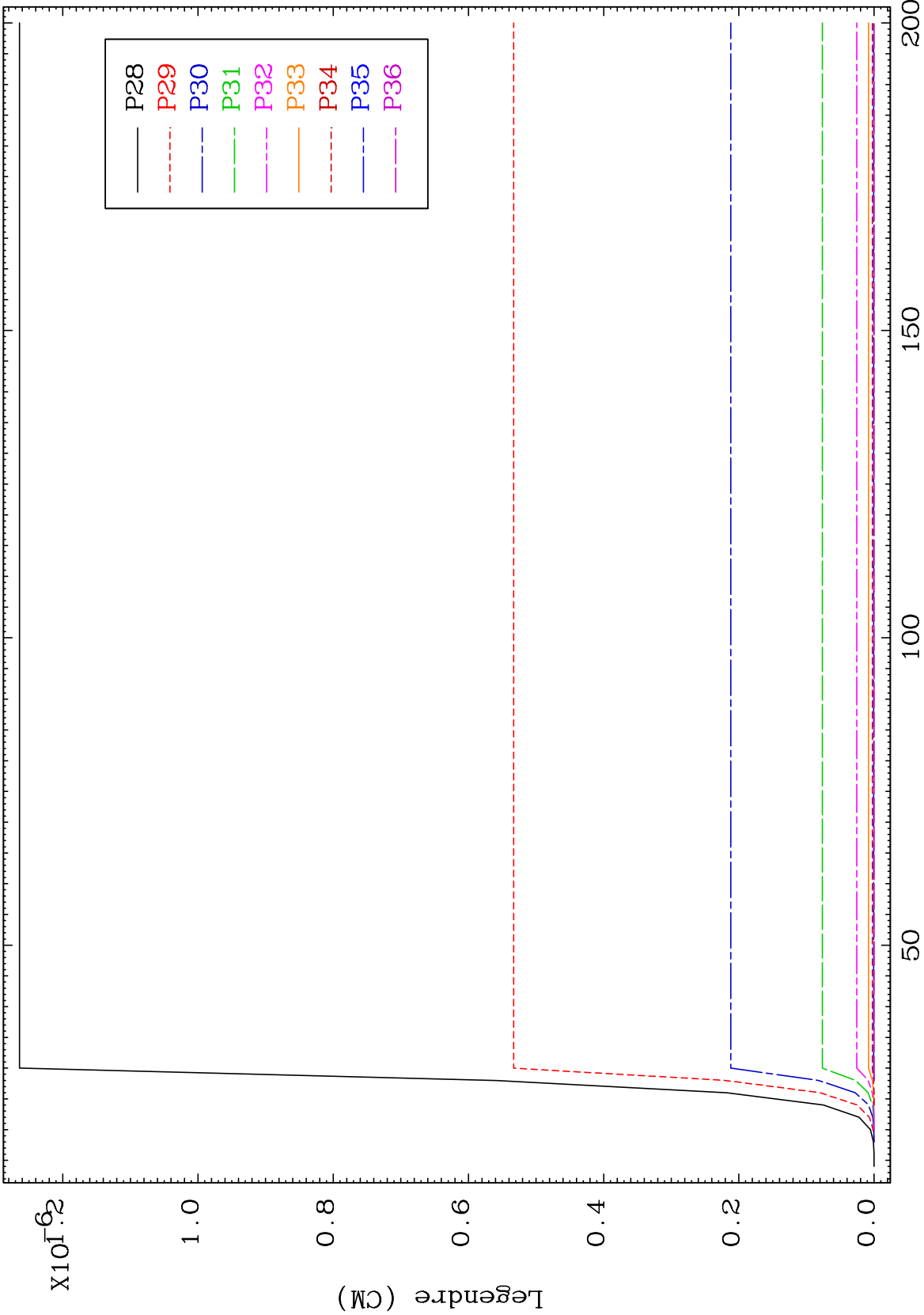
68-Er-155



MAT 6804

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

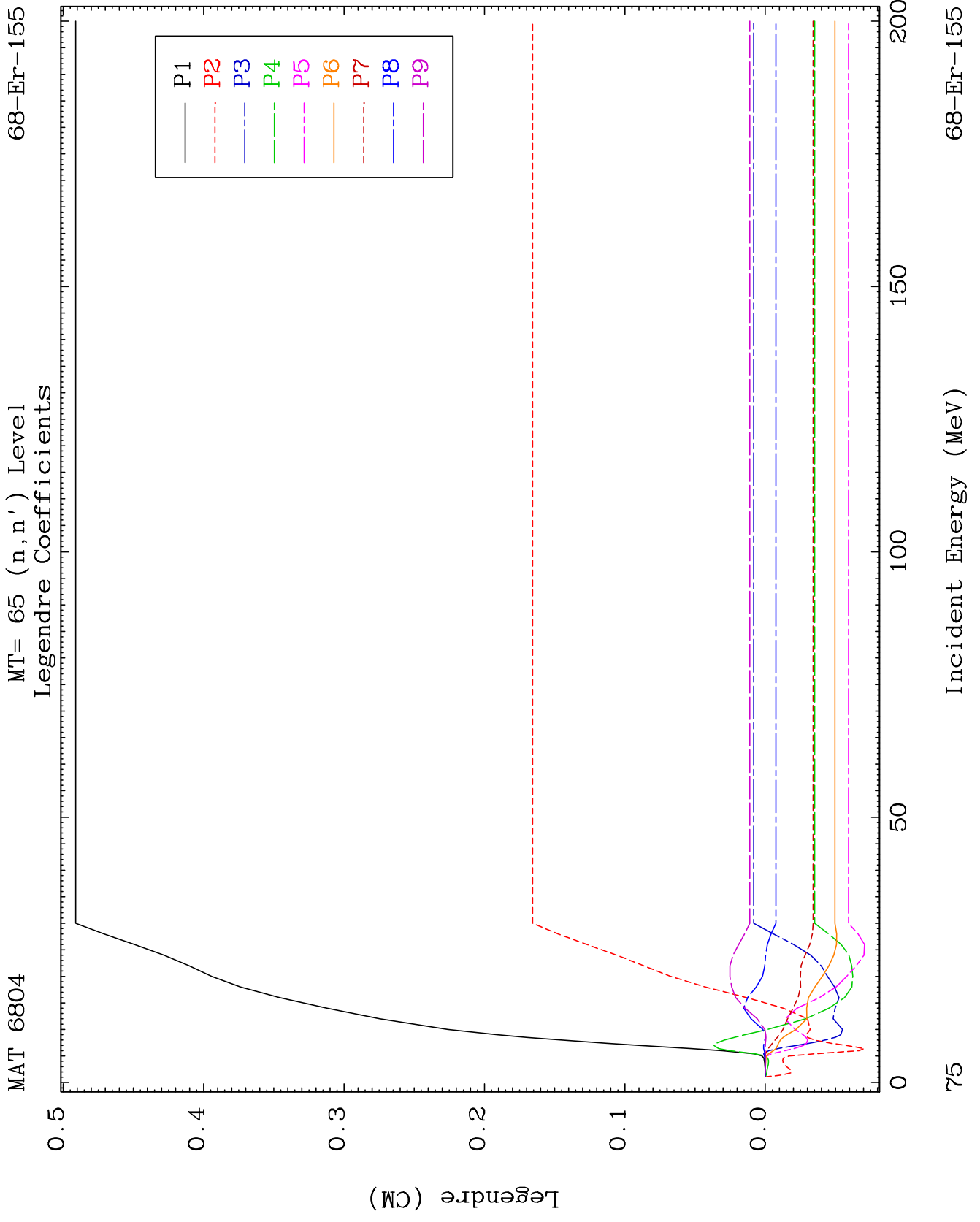
68-Er-155



74

Incident Energy (MeV)

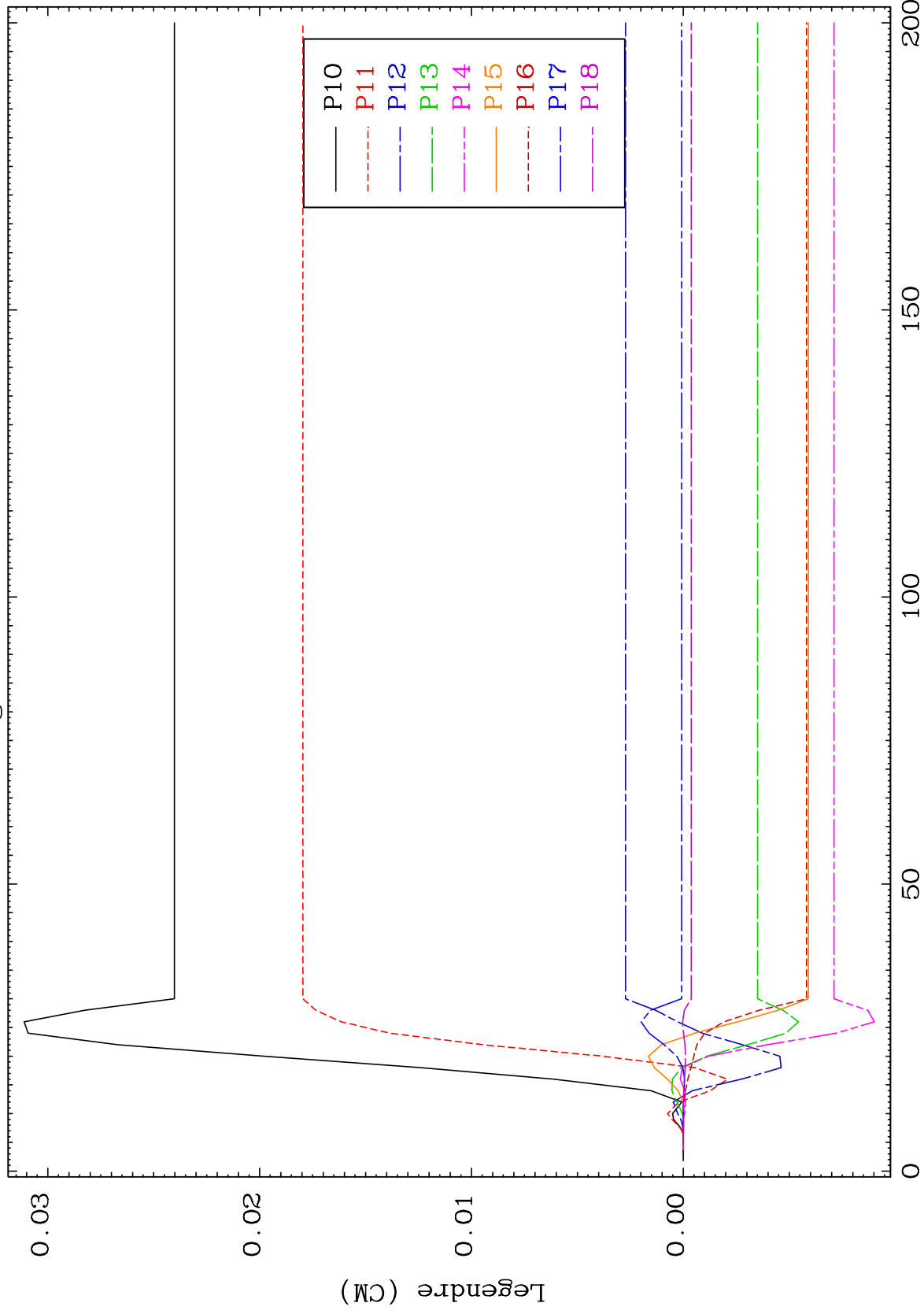
68-Er-155



MAT 6804

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

68-Er-155



76

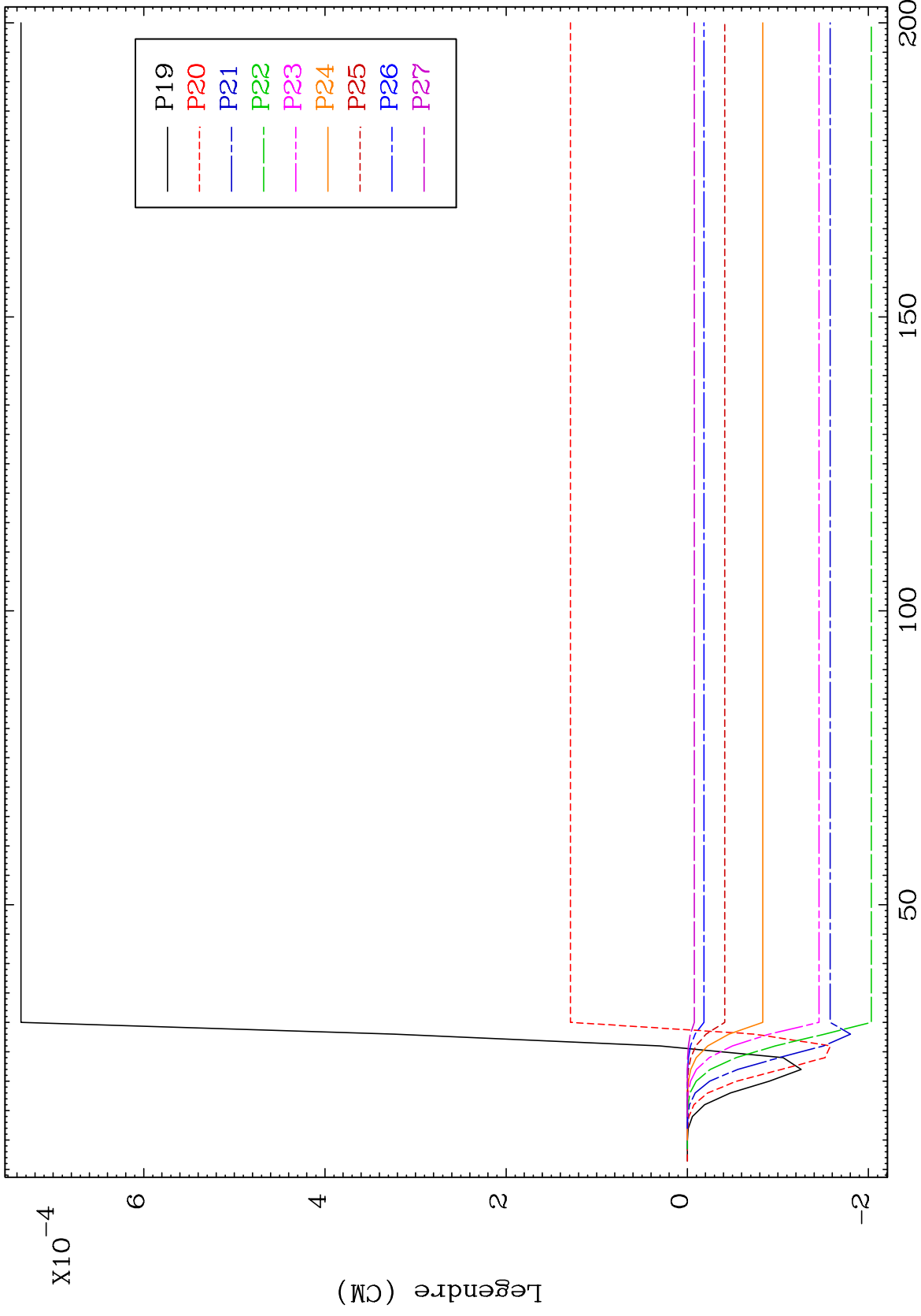
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



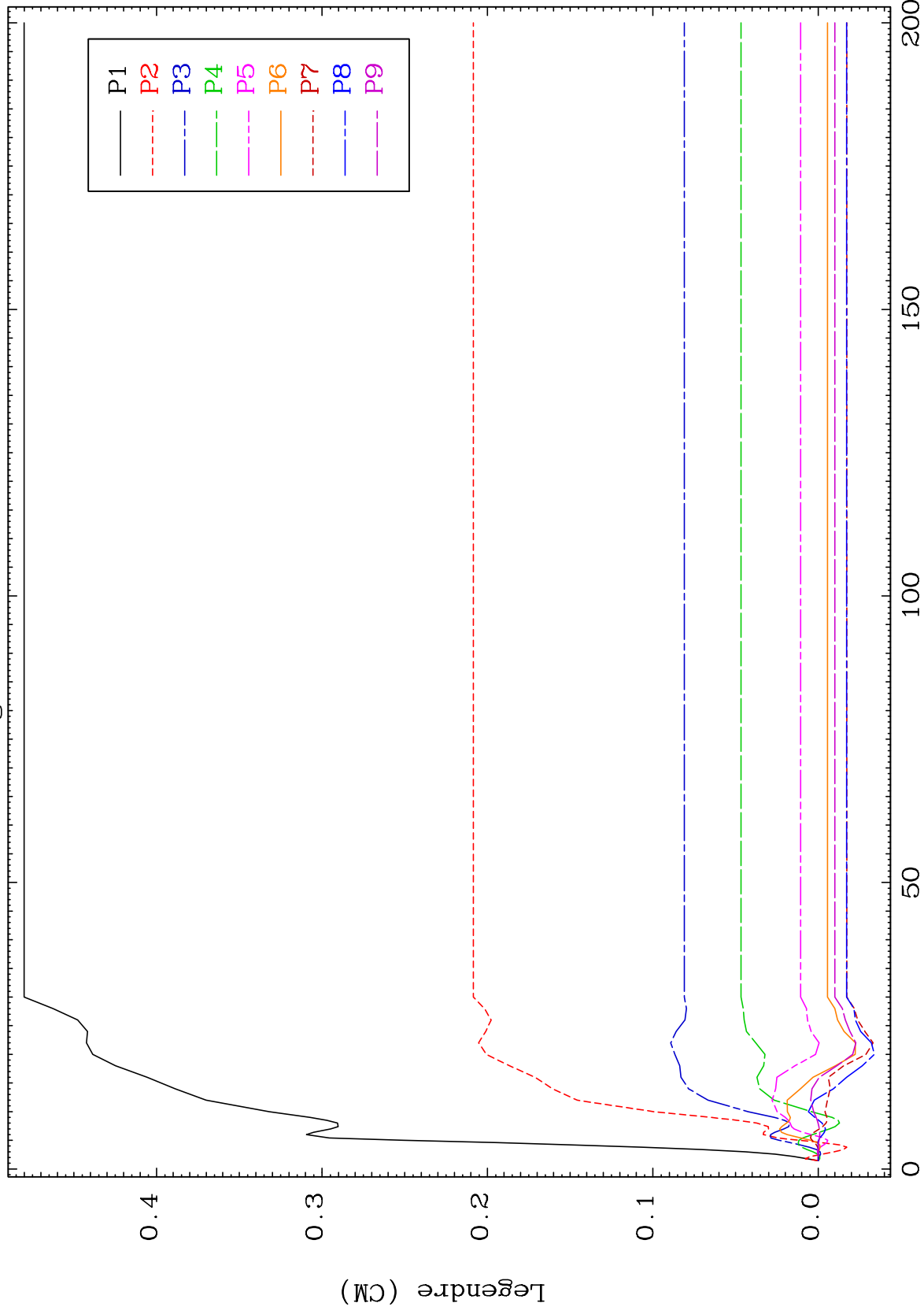
77

68-Er-155

MAT 6804

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

68-Er-155



79

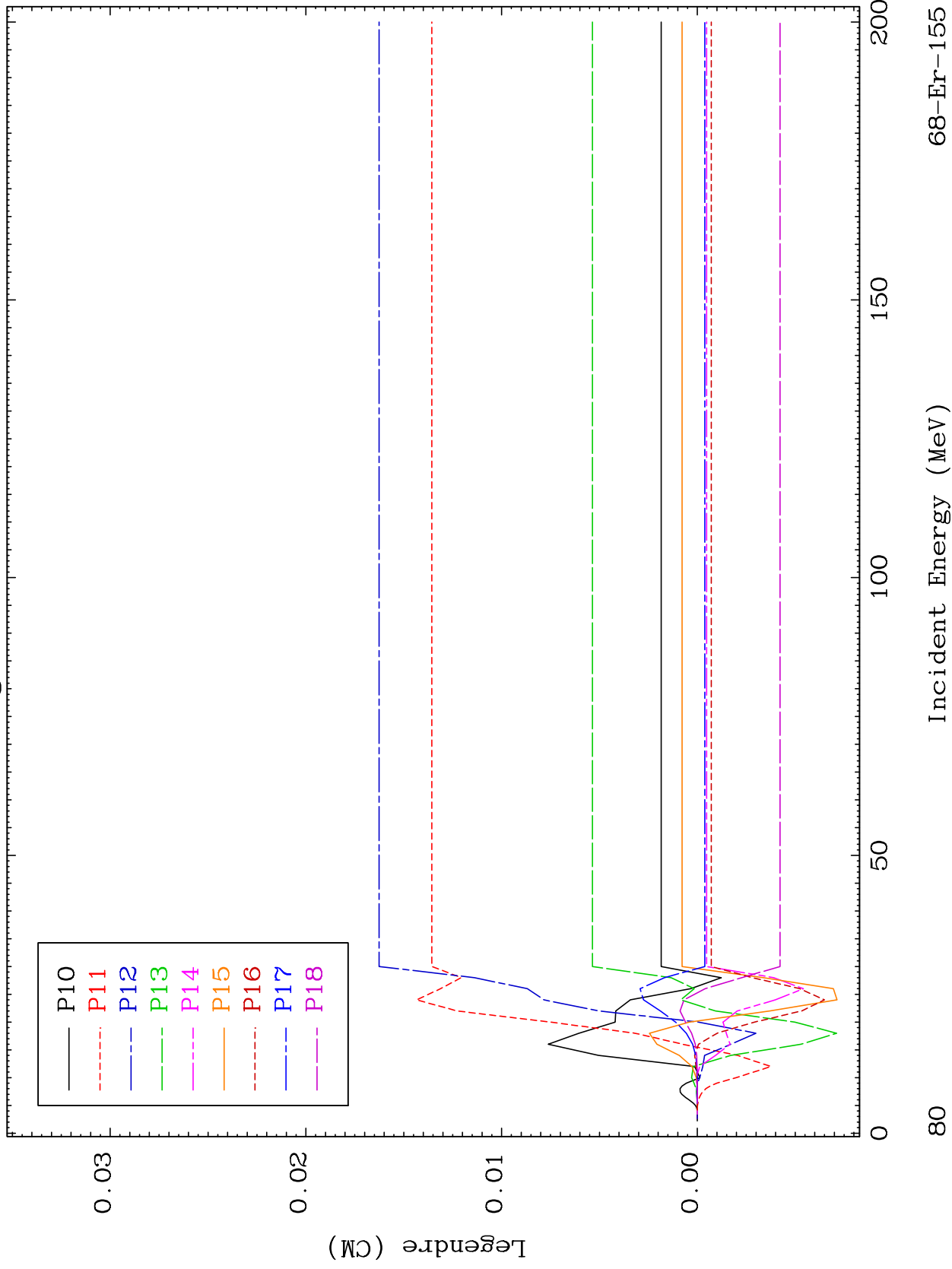
Incident Energy (MeV)

68-Er-155

MAT 6804

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

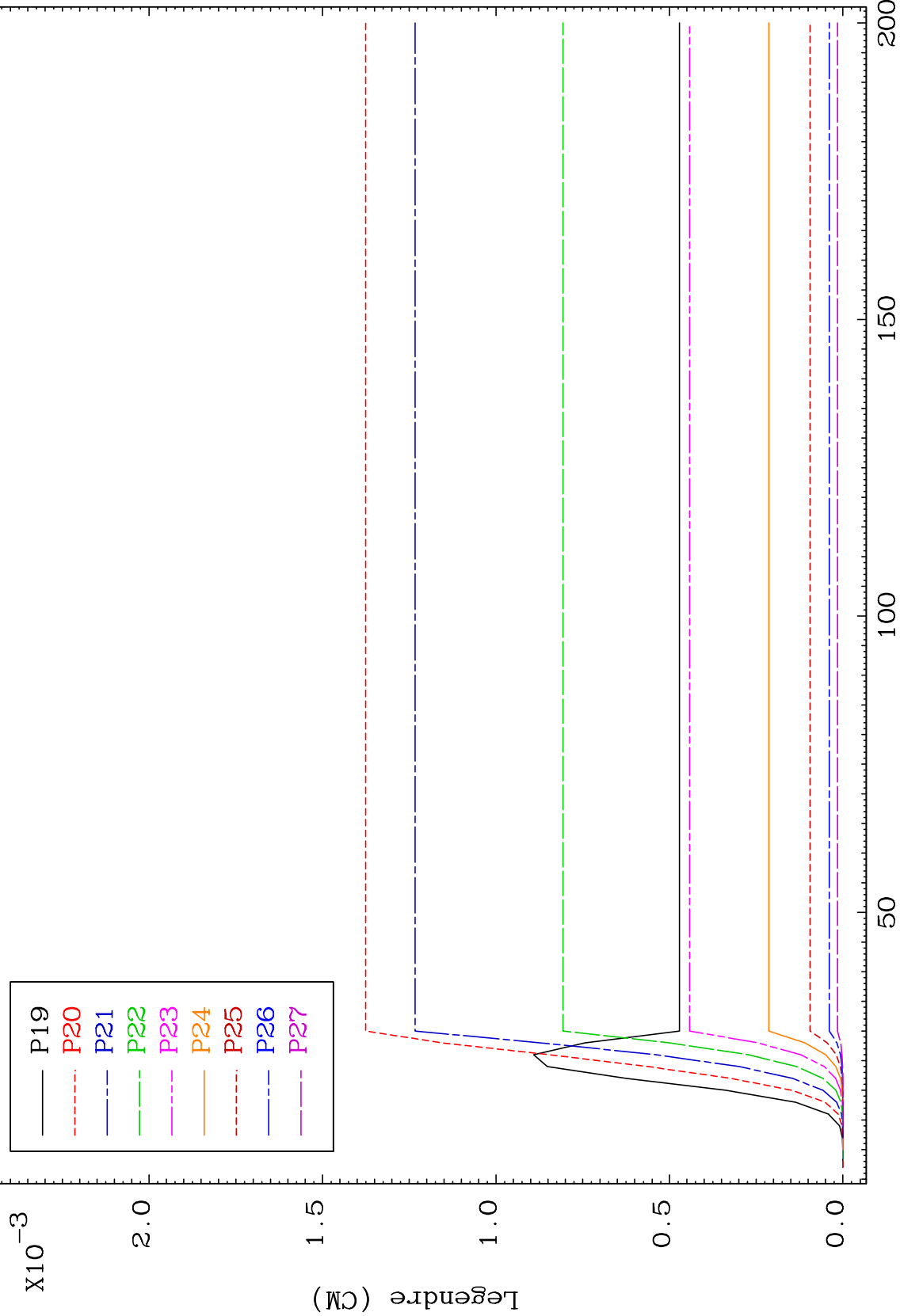
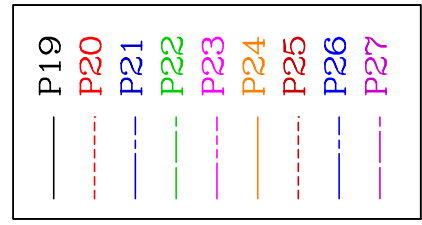
68-Er-155



68-Er-155

Incident Energy (MeV)

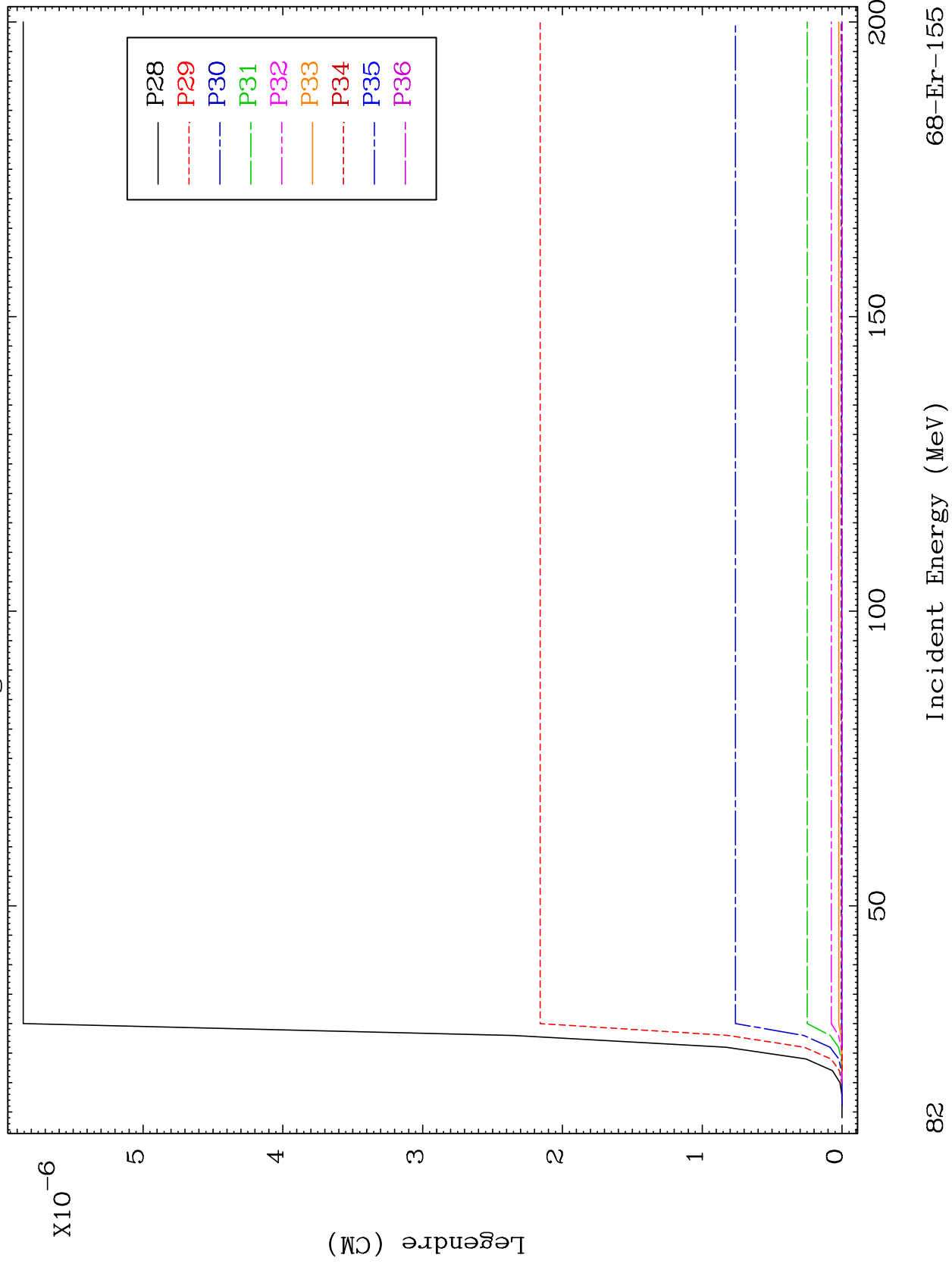
80



MAT 6804

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

68-Er-155



82

Incident Energy (MeV)

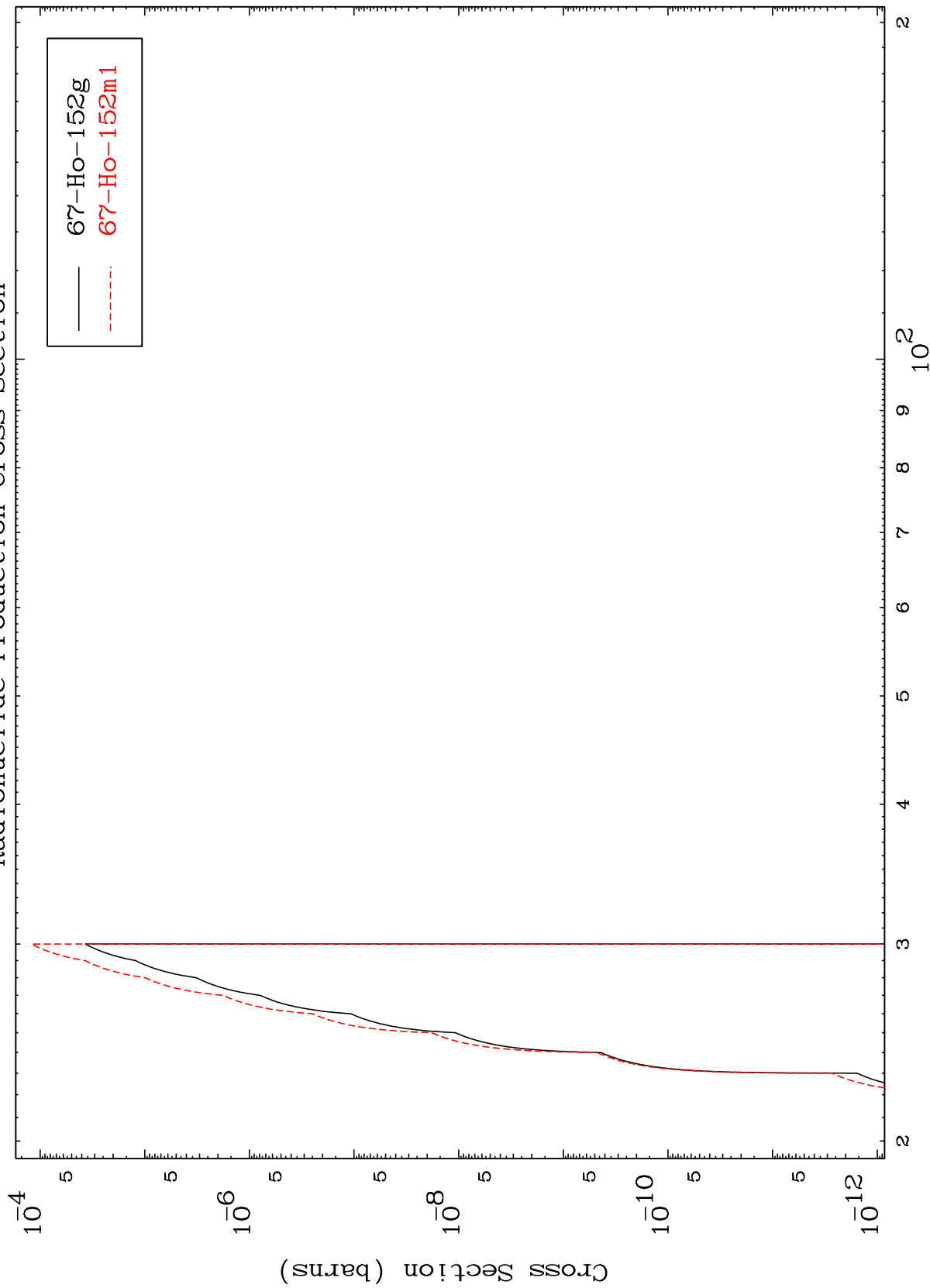
68-Er-155

MAT 6804

(n,2n) d

68-Er-155

Radionuclide Production Cross Section



83

Incident Energy (MeV)

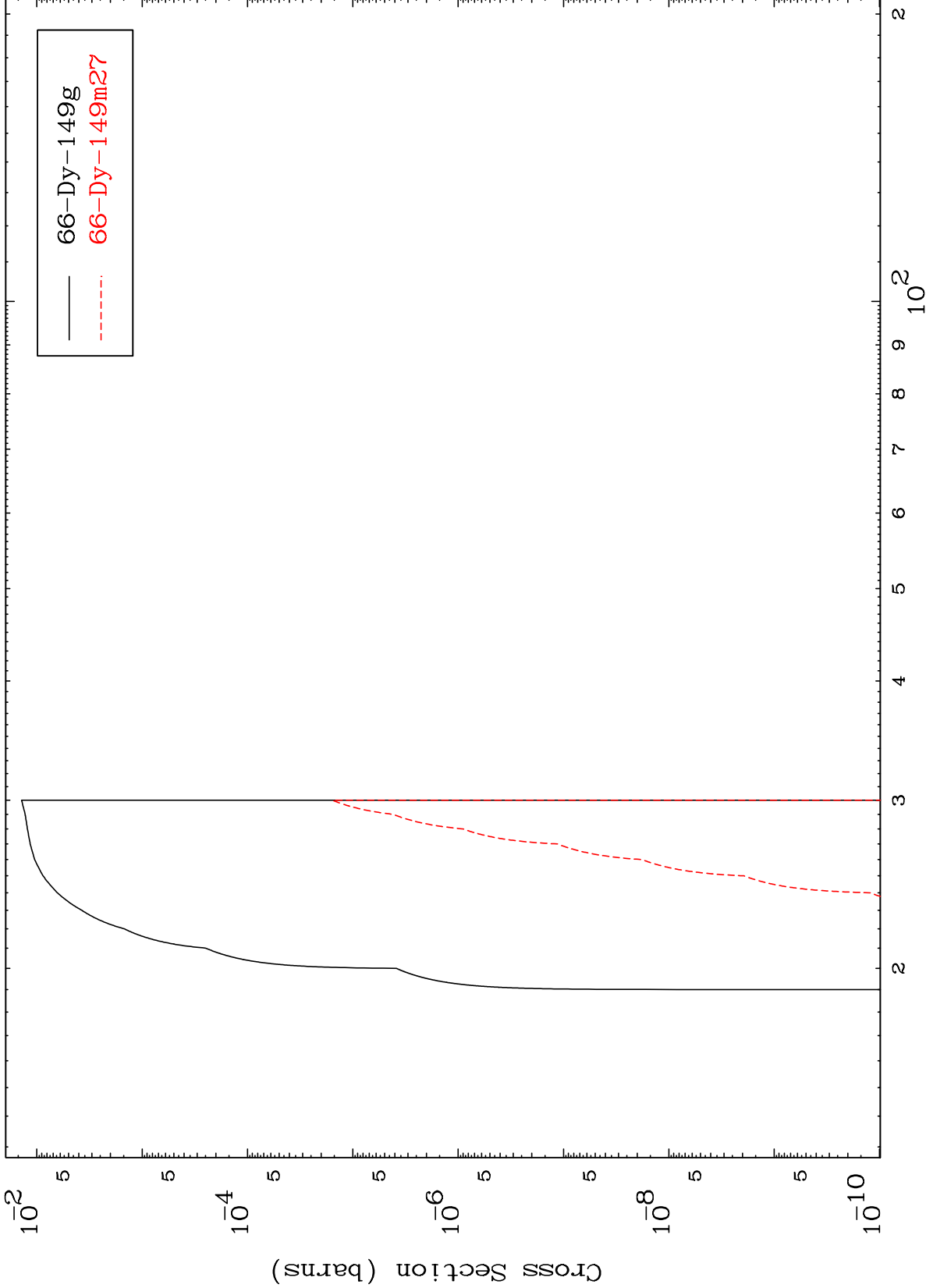
68-Er-155

MAT 6804

(n,3n) α

68-Er-155

Radionuclide Production Cross Section



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

84

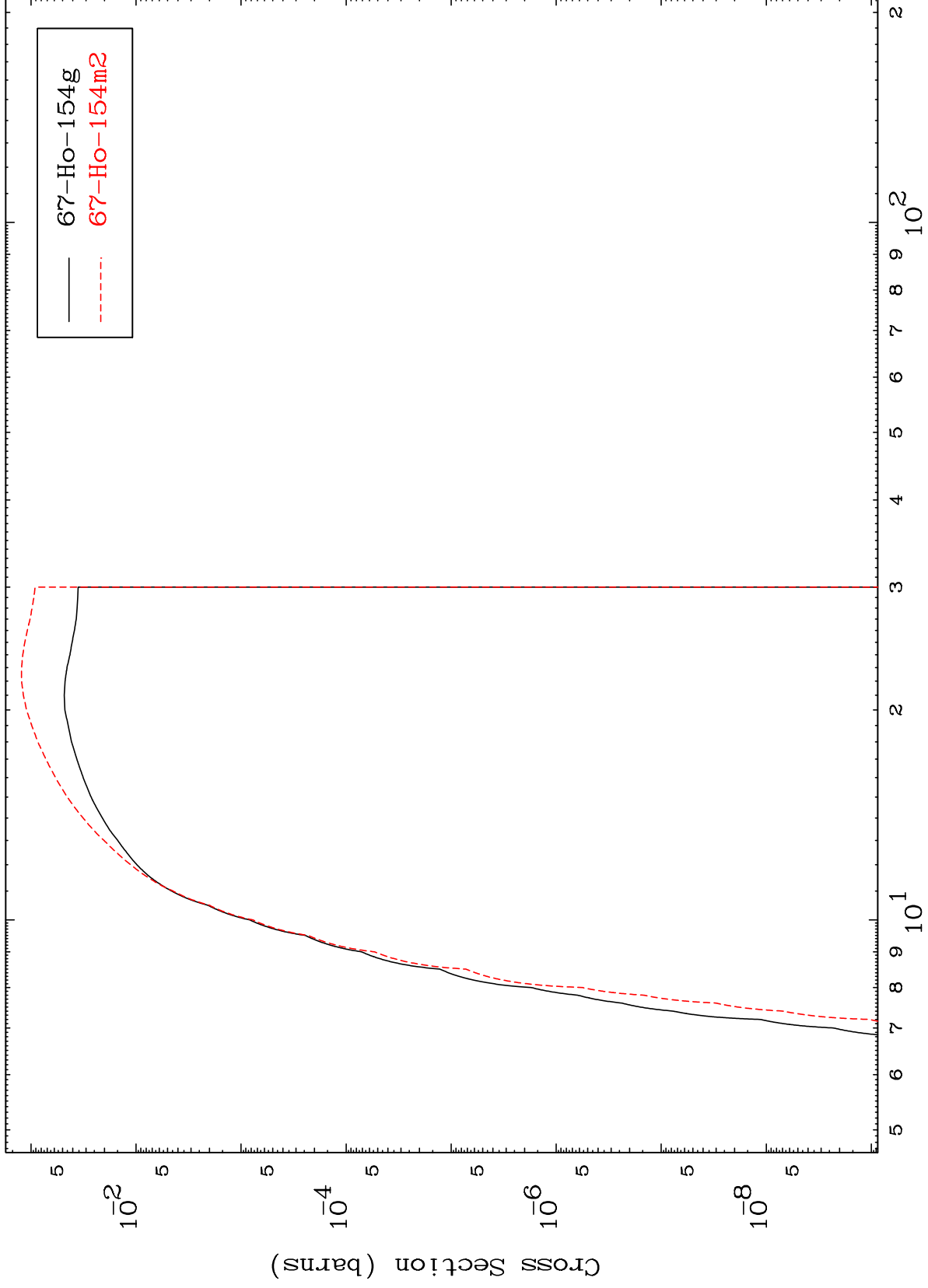
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n, n') p
Radionuclide Production Cross Section



85

Incident Energy (MeV)

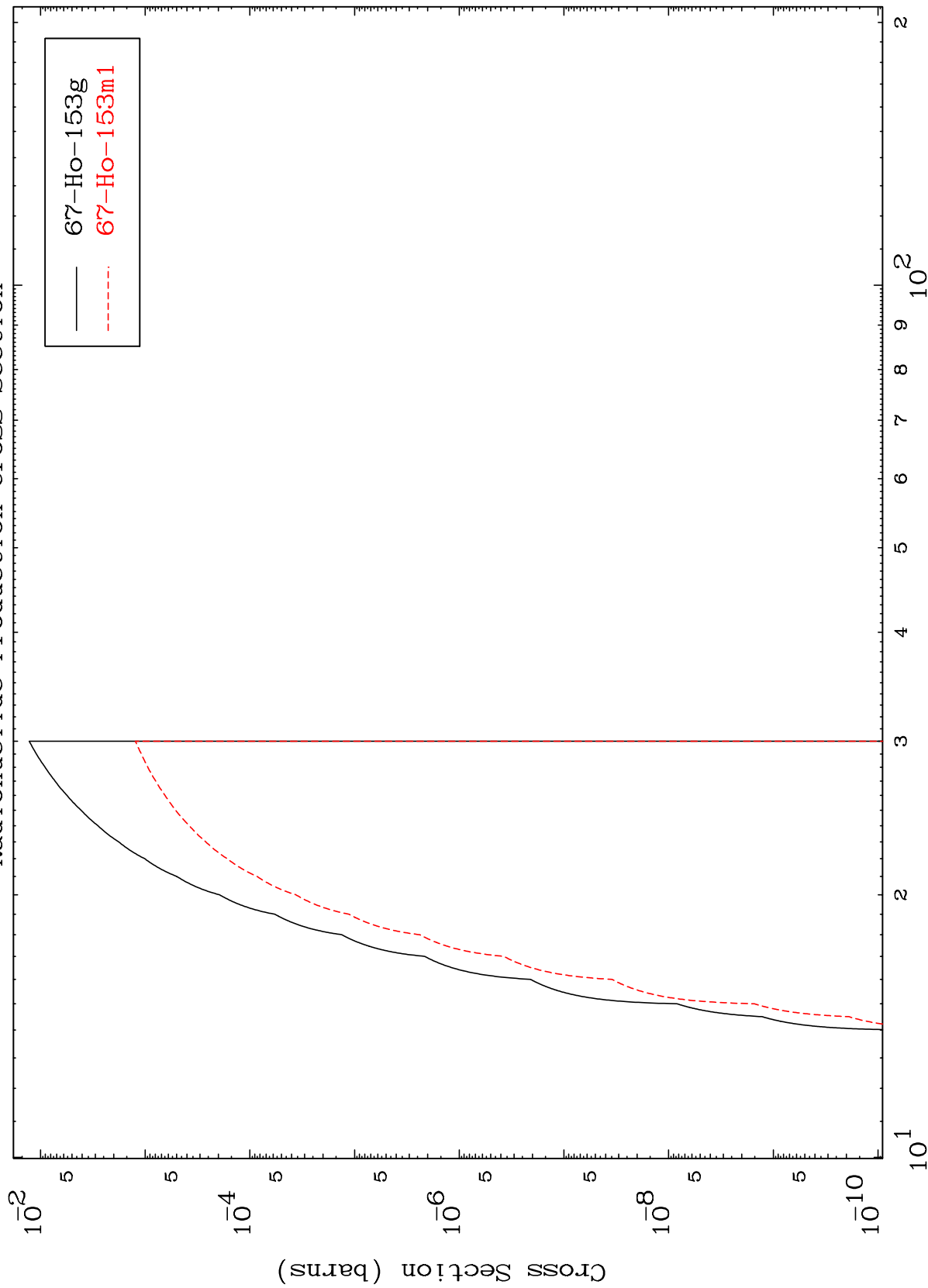
68-Er-155

MAT 6804

(n,n') d

68-Er-155

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-155

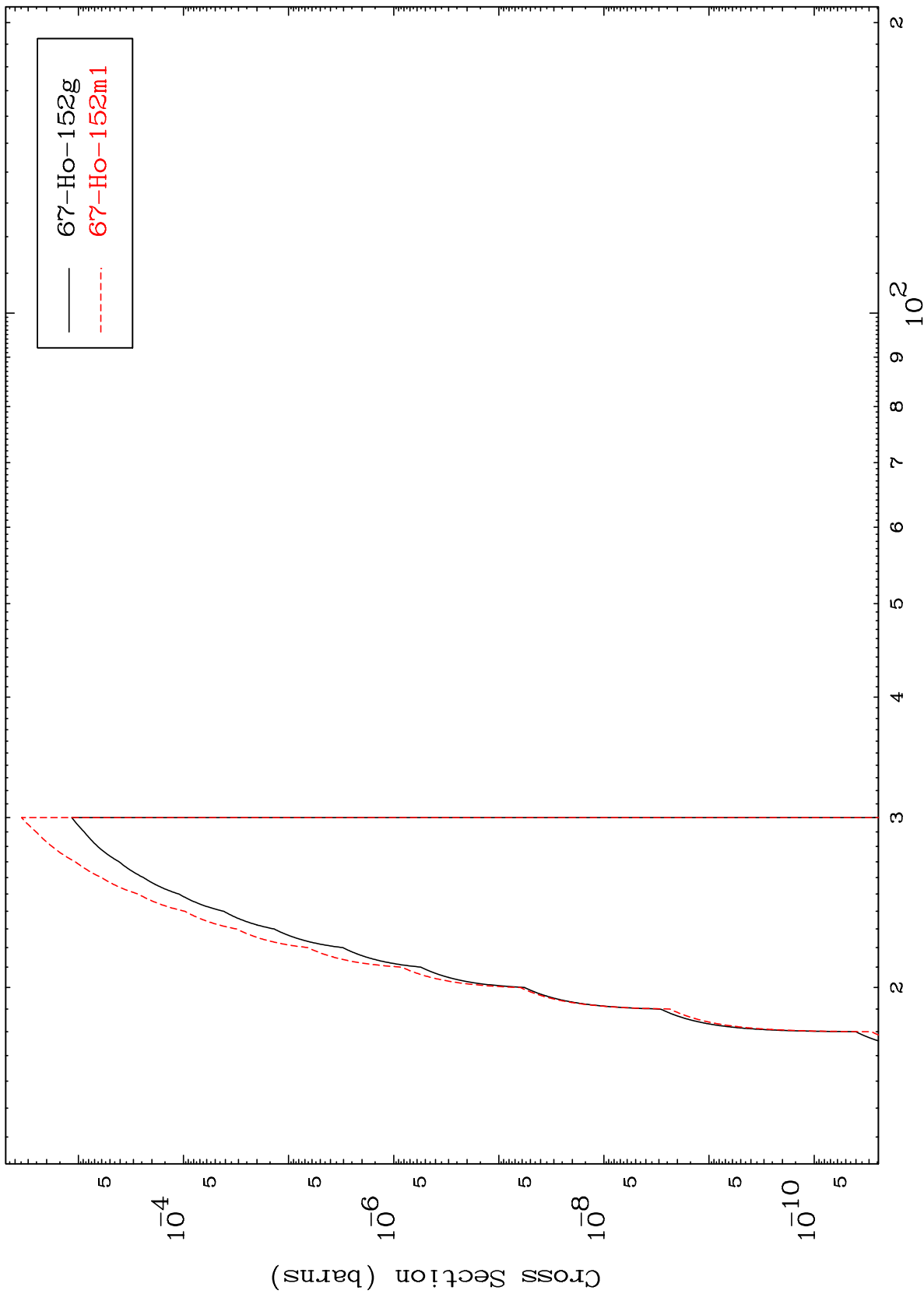
86

MAT 6804

(n,n') t

68-Er-155

Radionuclide Production Cross Section

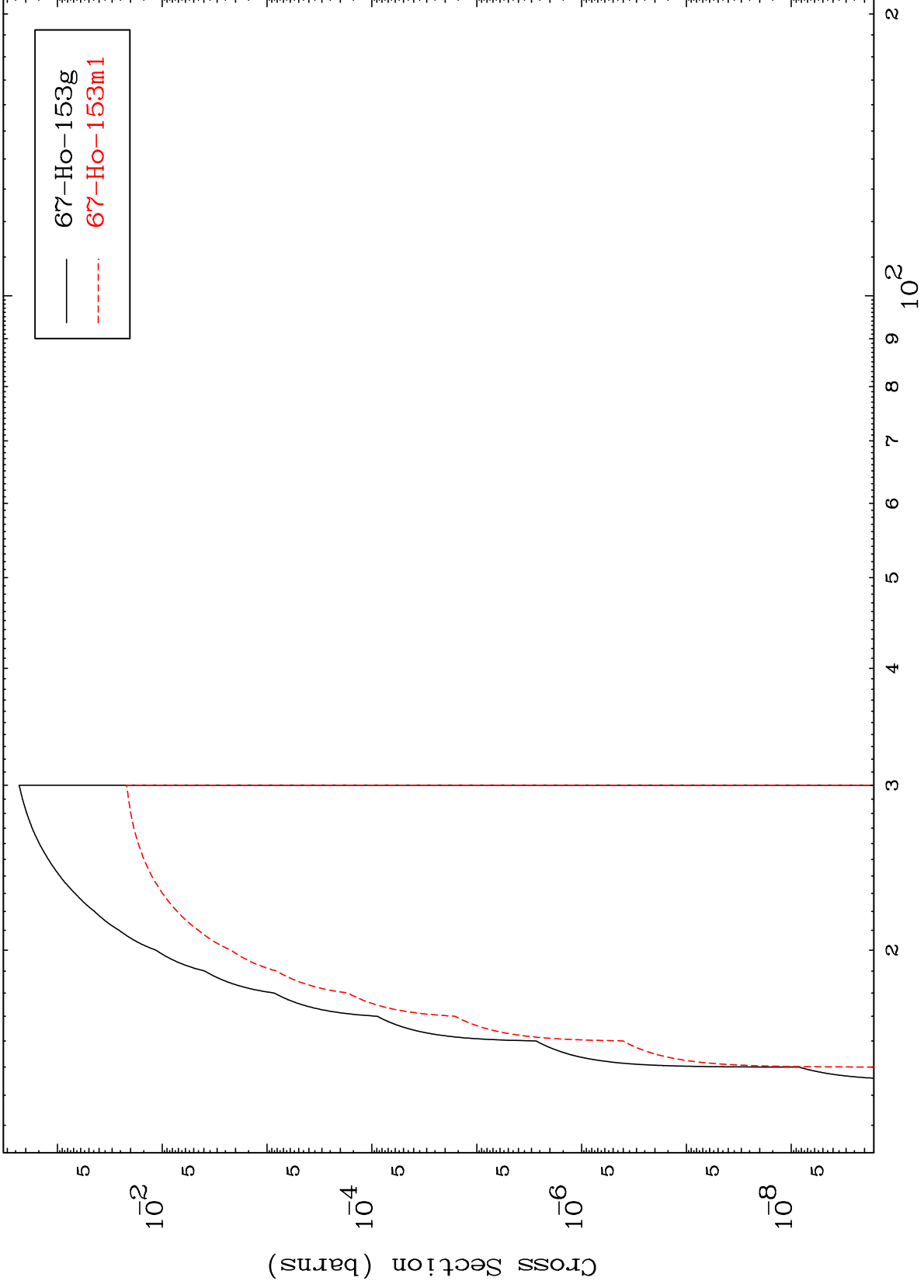


87

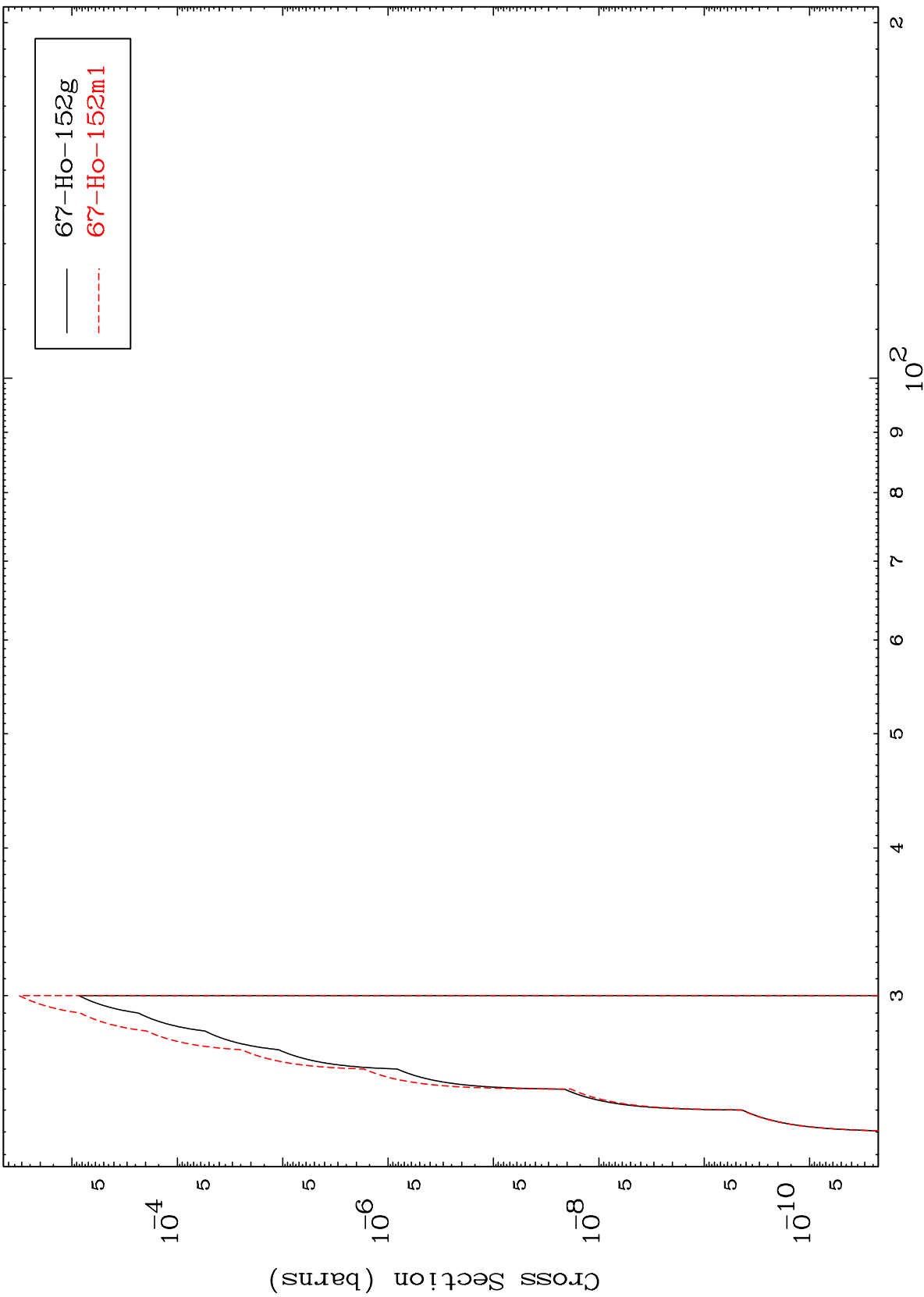
Incident Energy (MeV)

68-Er-155

Radionuclide Production Cross Section



Radionuclide Production Cross Section

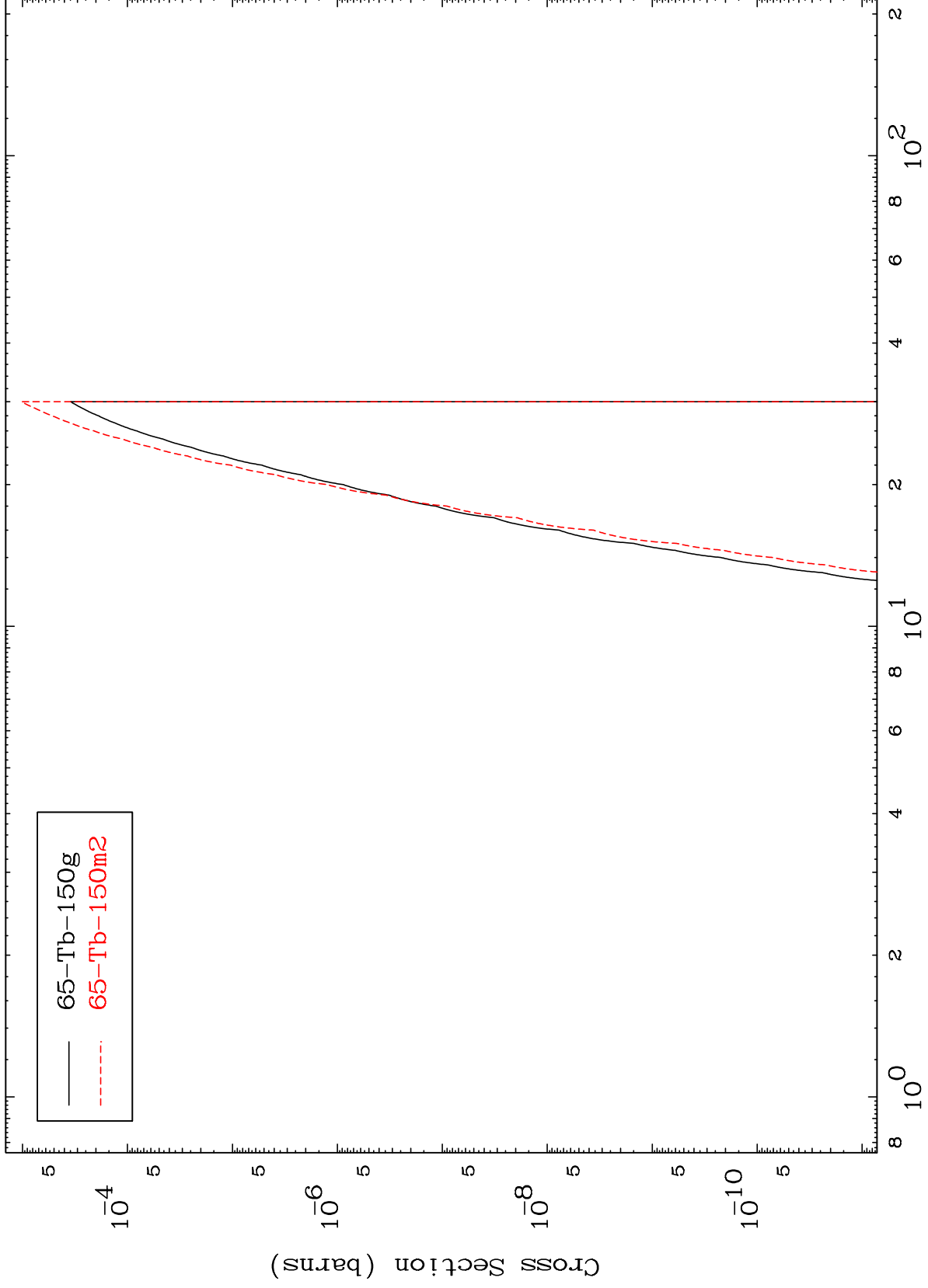


MAT 6804

(n,n') p α

68-Er-155

Radionuclide Production Cross Section



90

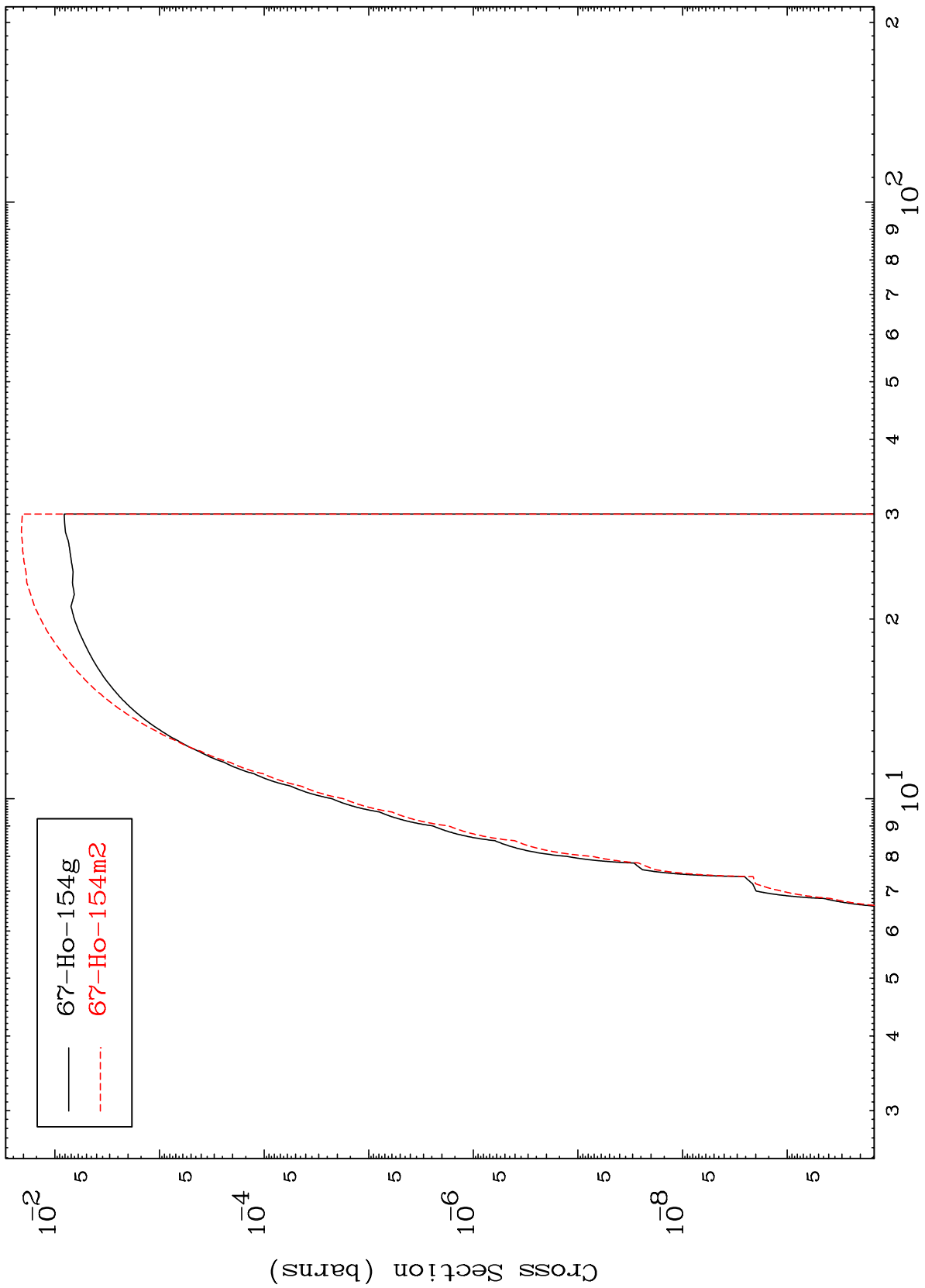
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

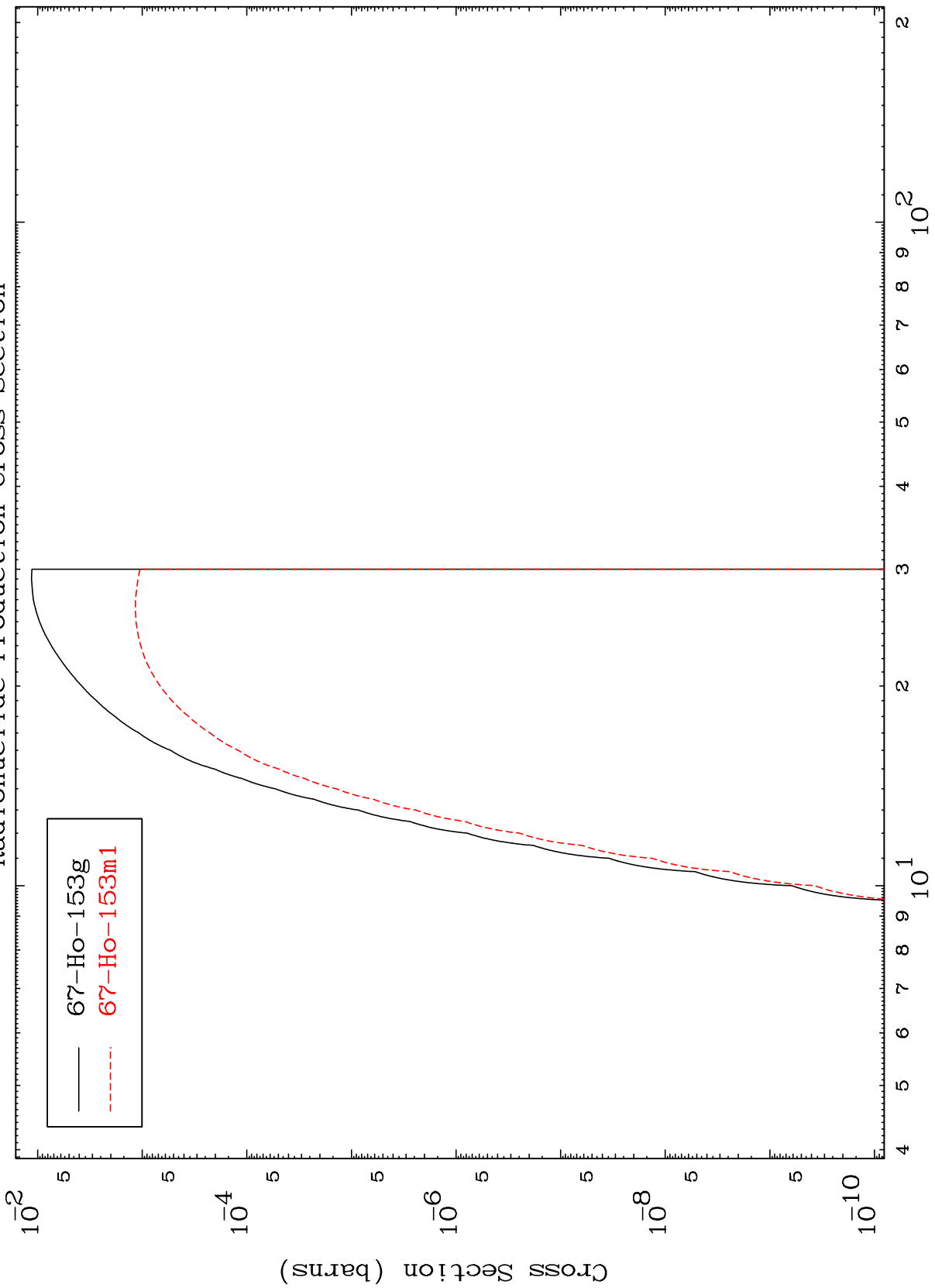
(n,d)
Radionuclide Production Cross Section



MAT 6804

68-Er-155

(n, t)
Radionuclide Production Cross Section



92

Incident Energy (MeV)

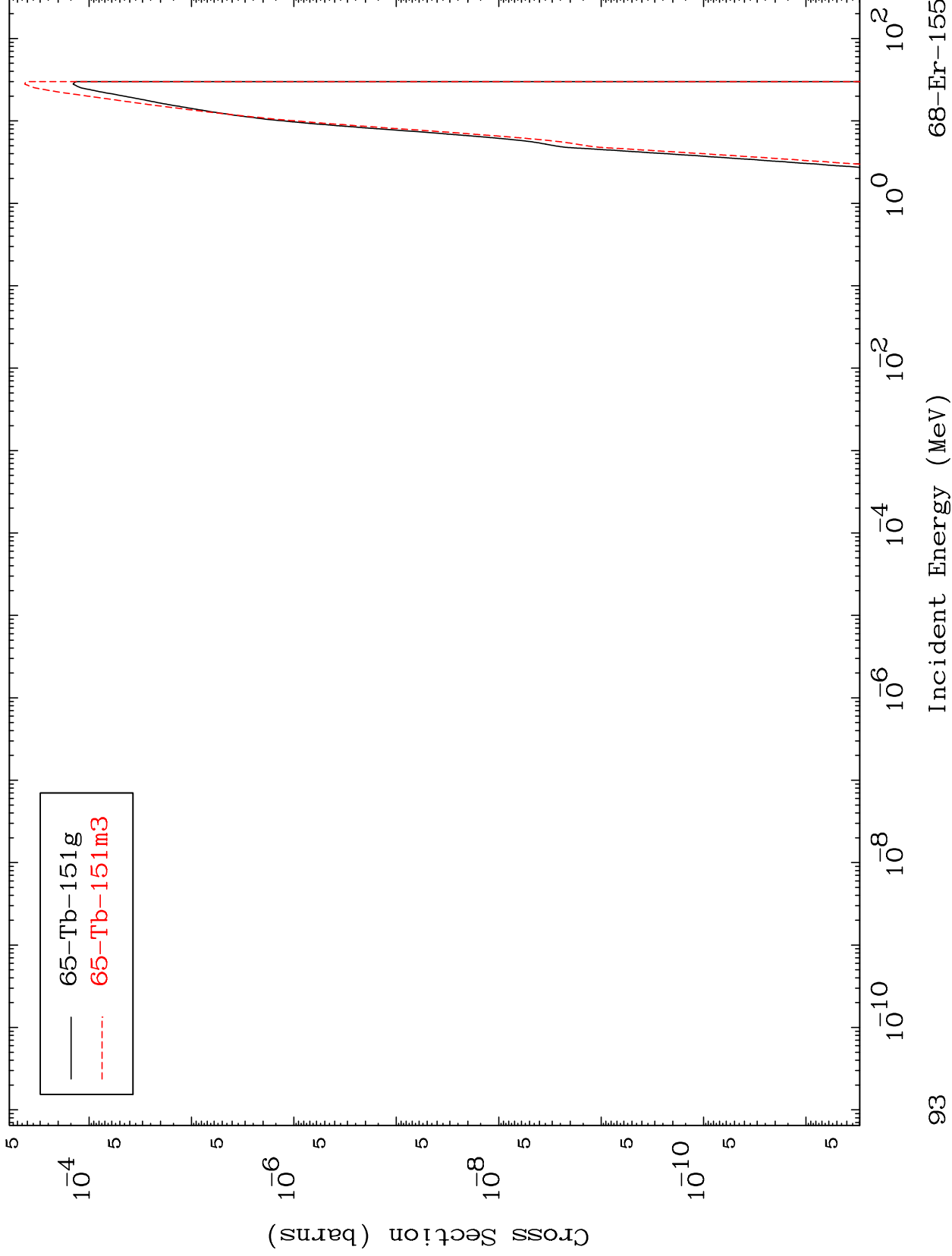
68-Er-155

MAT 6804

(n,p) α

68-Er-155

Radionuclide Production Cross Section

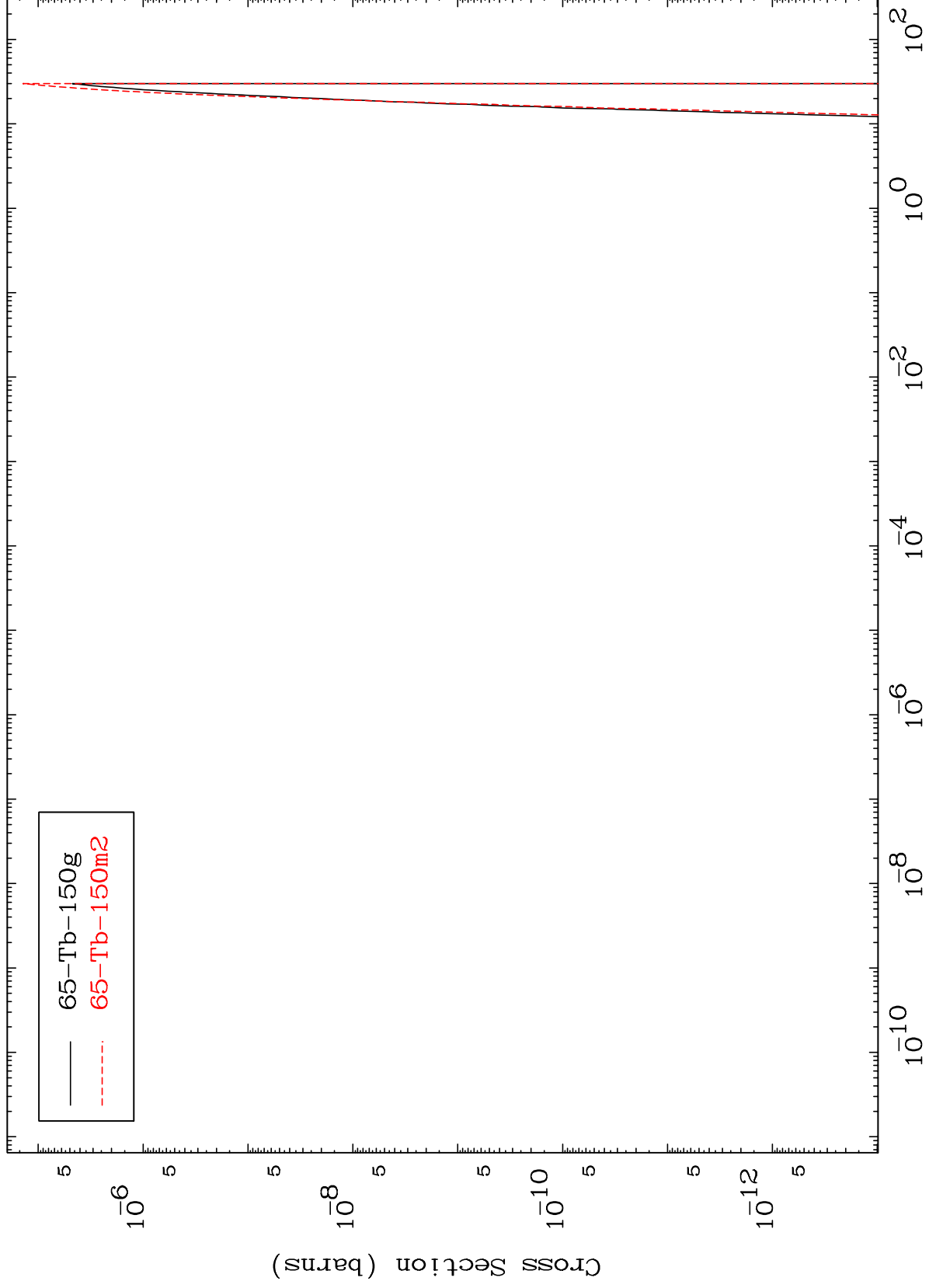


MAT 6804

(n,d) α

68-Er-155

Radionuclide Production Cross Section



94

Incident Energy (MeV)

68-Er-155