

Program EVALPLOT  
(Version 2021-1)

by

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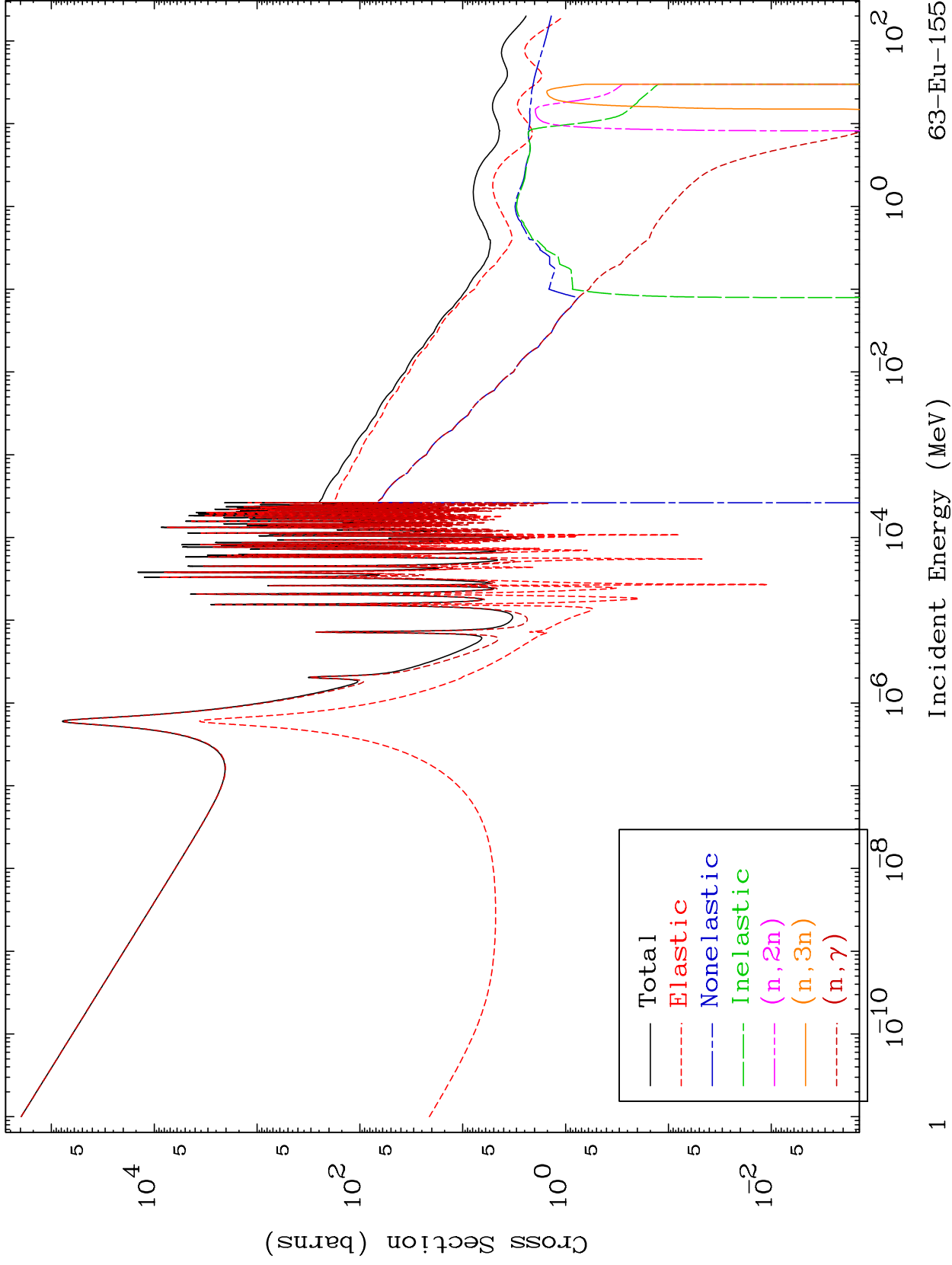
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6337

Neutron Major  
293 Kelvin Cross Sections

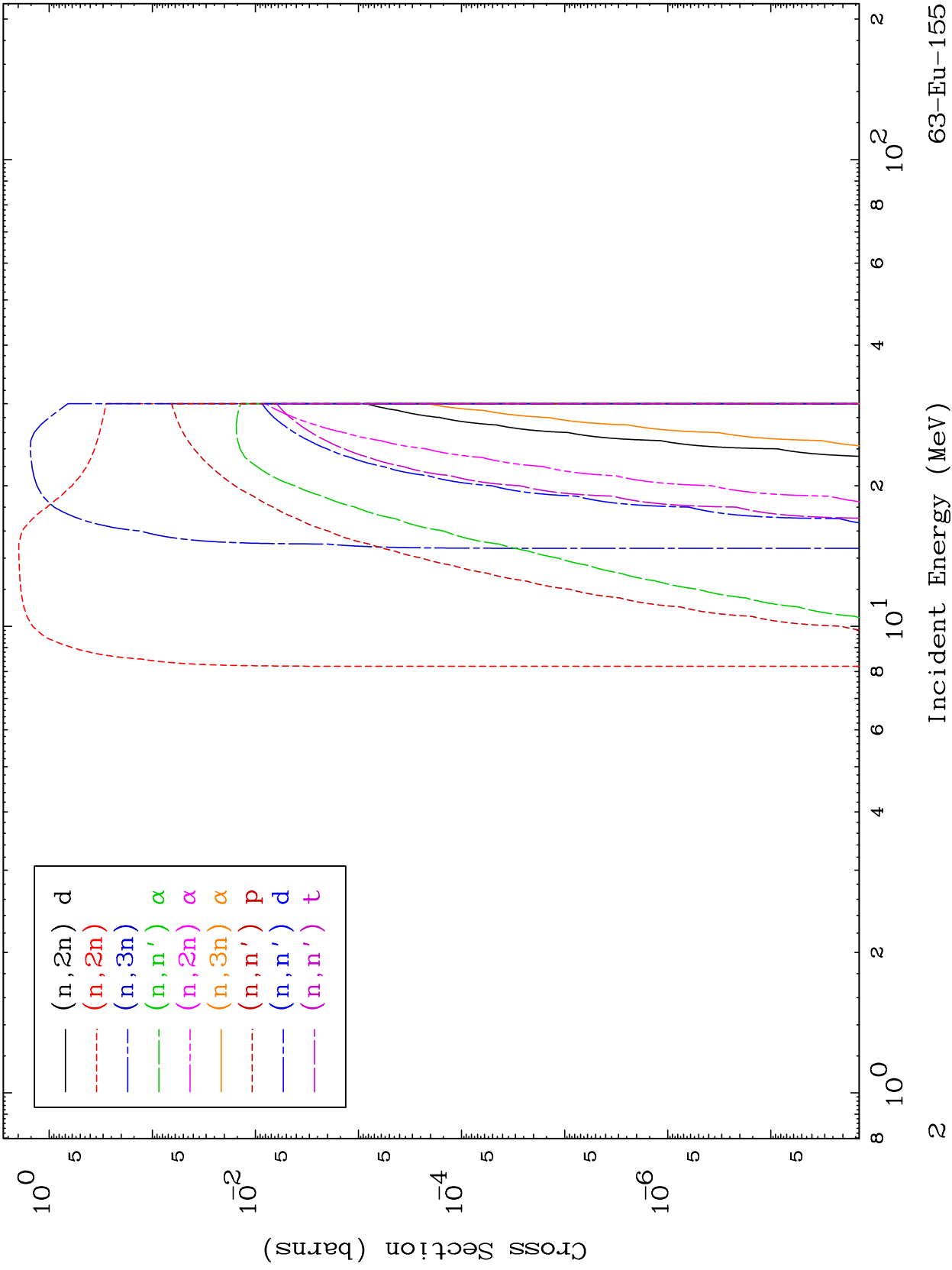
63-Eu-155

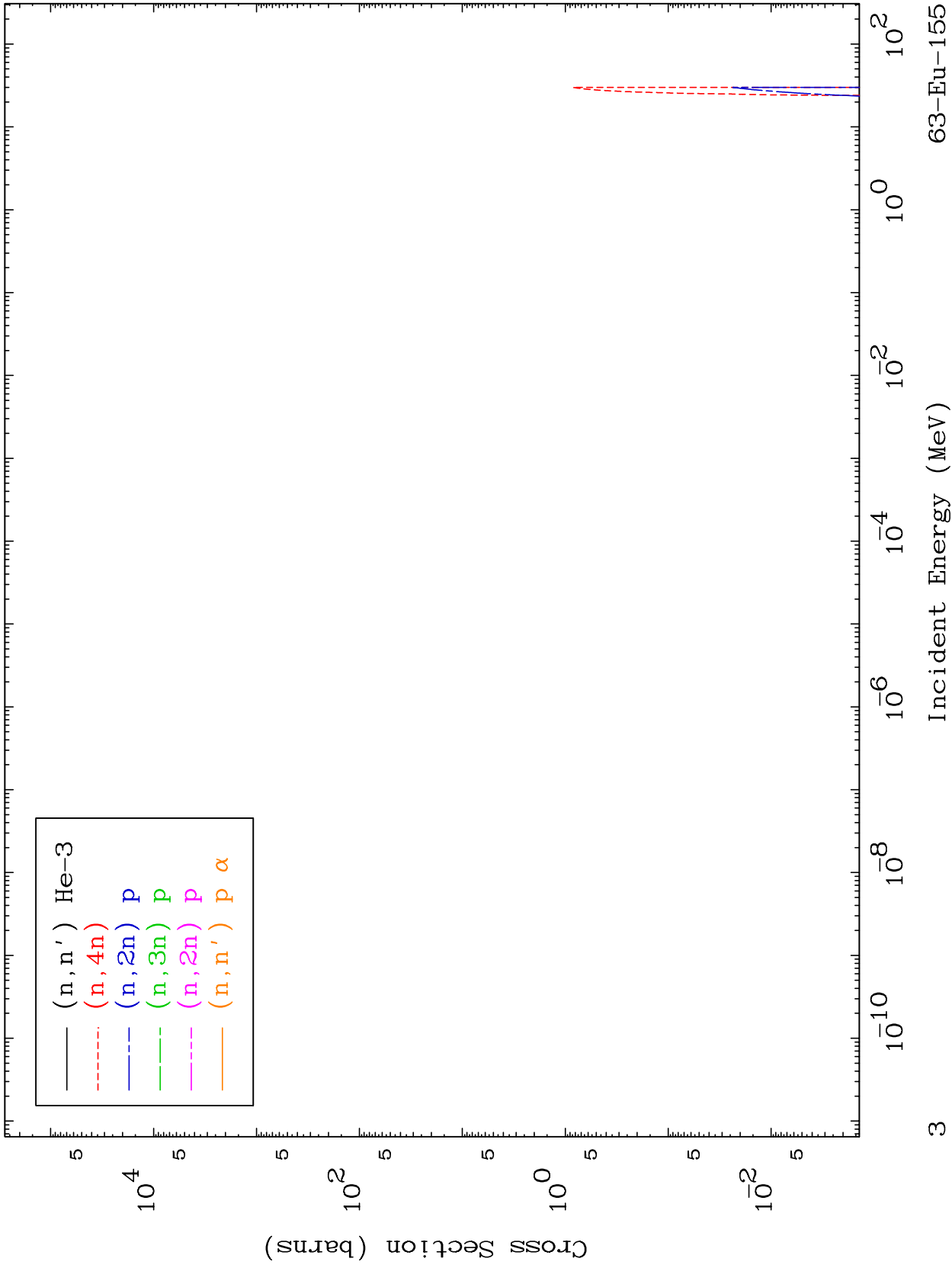


MAT 6337

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-155

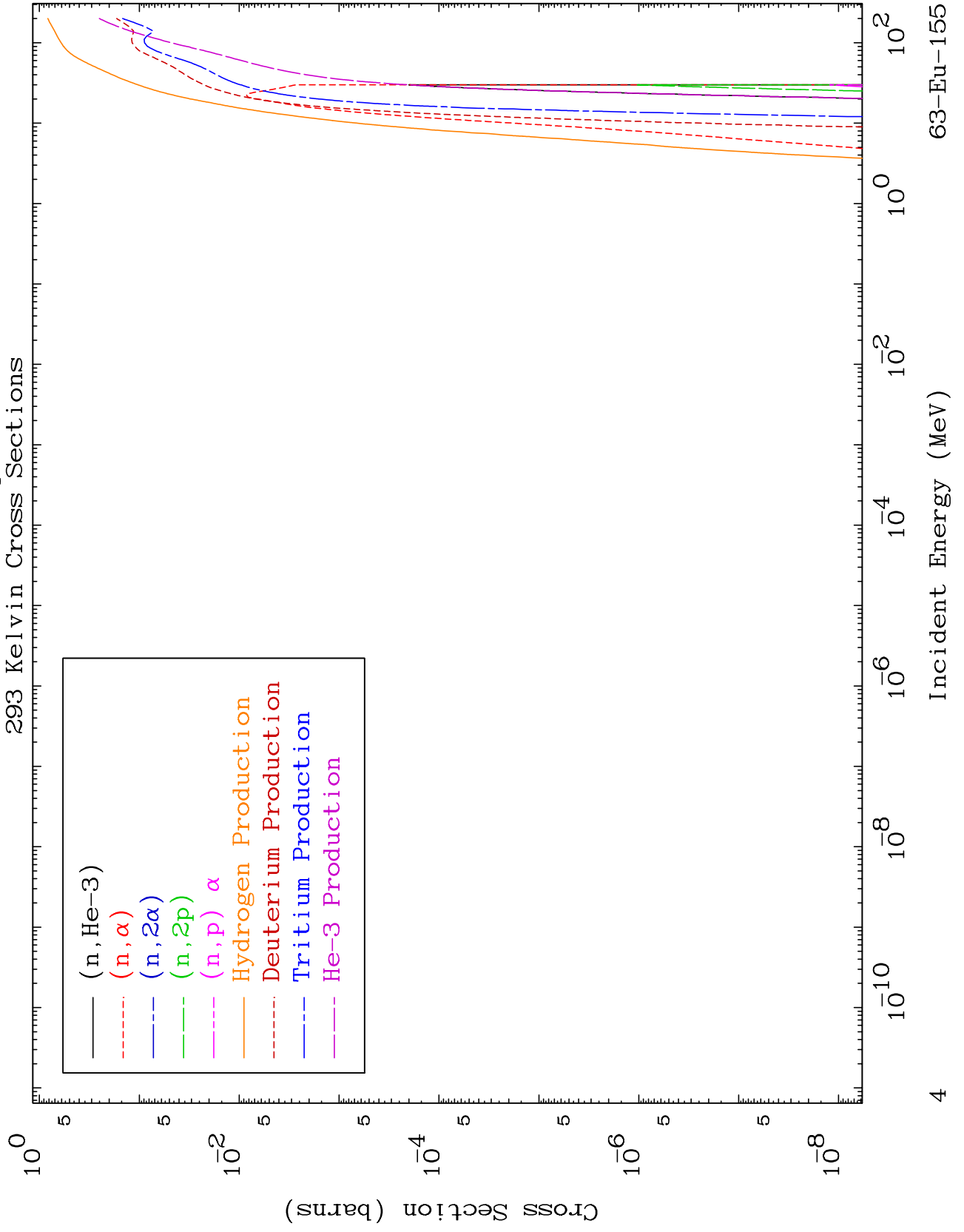




MAT 6337

Neutron Absorption  
293 Kelvin Cross Sections

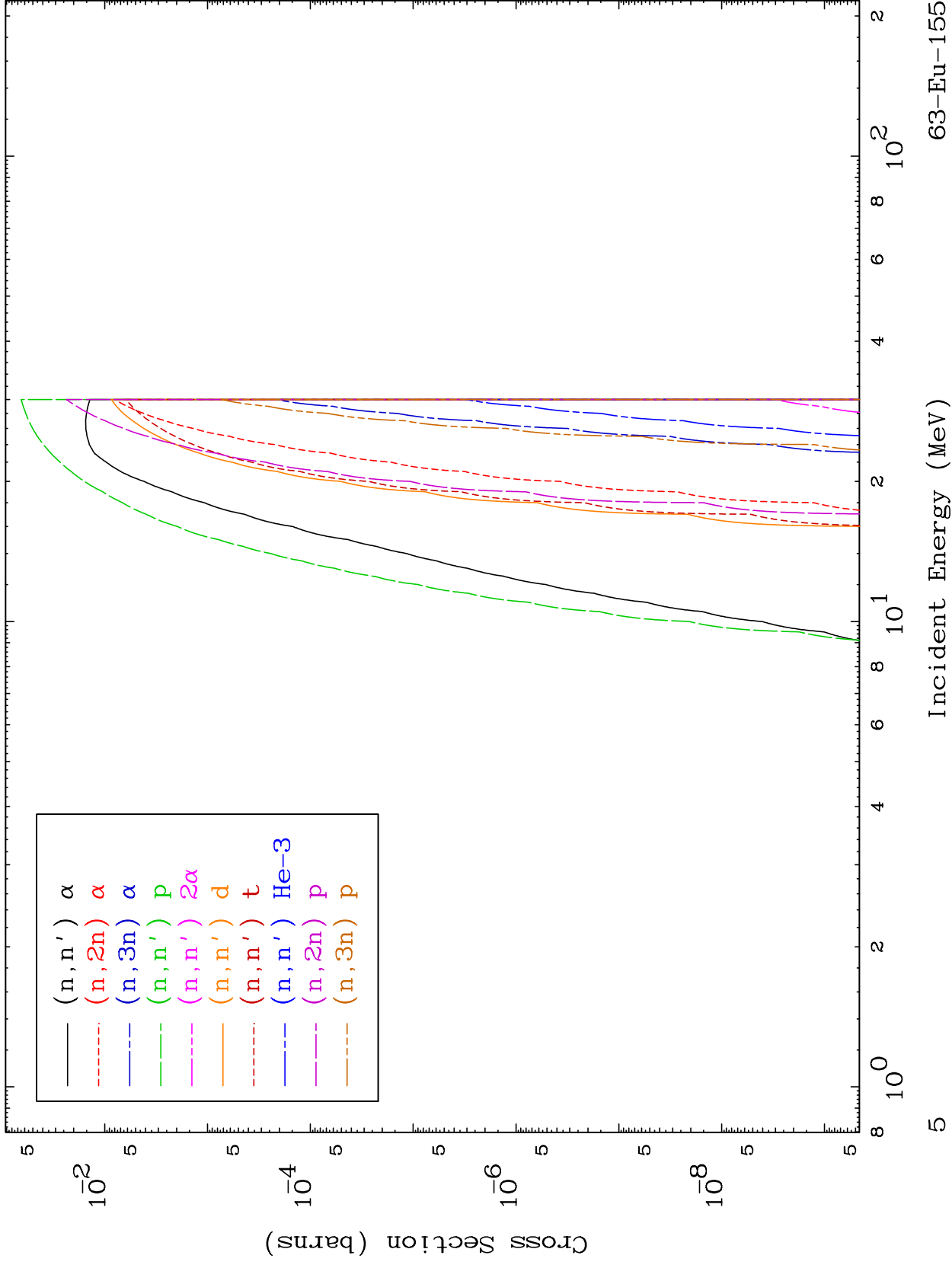
63-Eu-155



MAT 6337

Charged Particle  
293 Kelvin Cross Sections

63-Eu-155

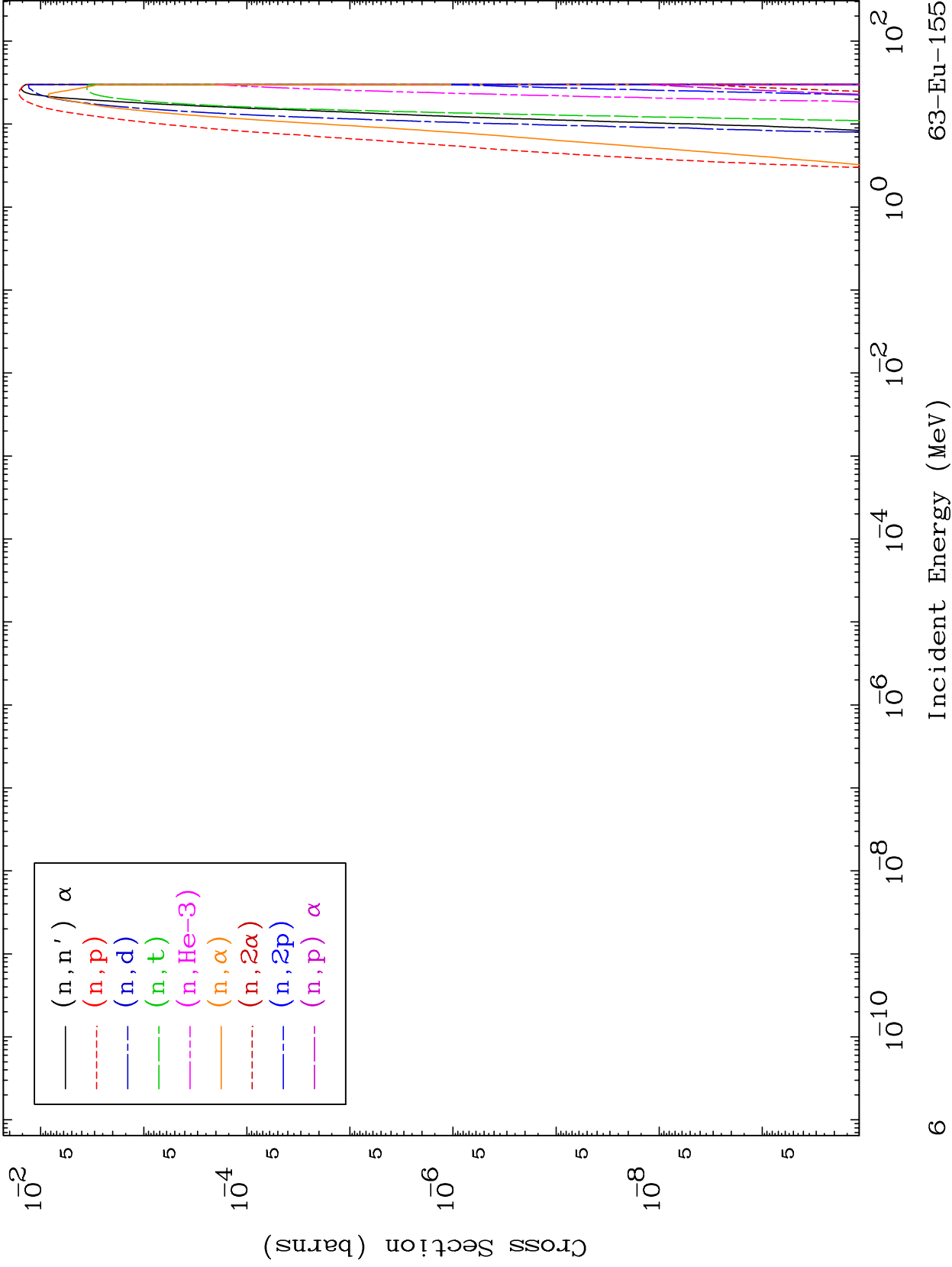


63-Eu-155

MAT 6337

Charged Particle  
293 Kelvin Cross Sections

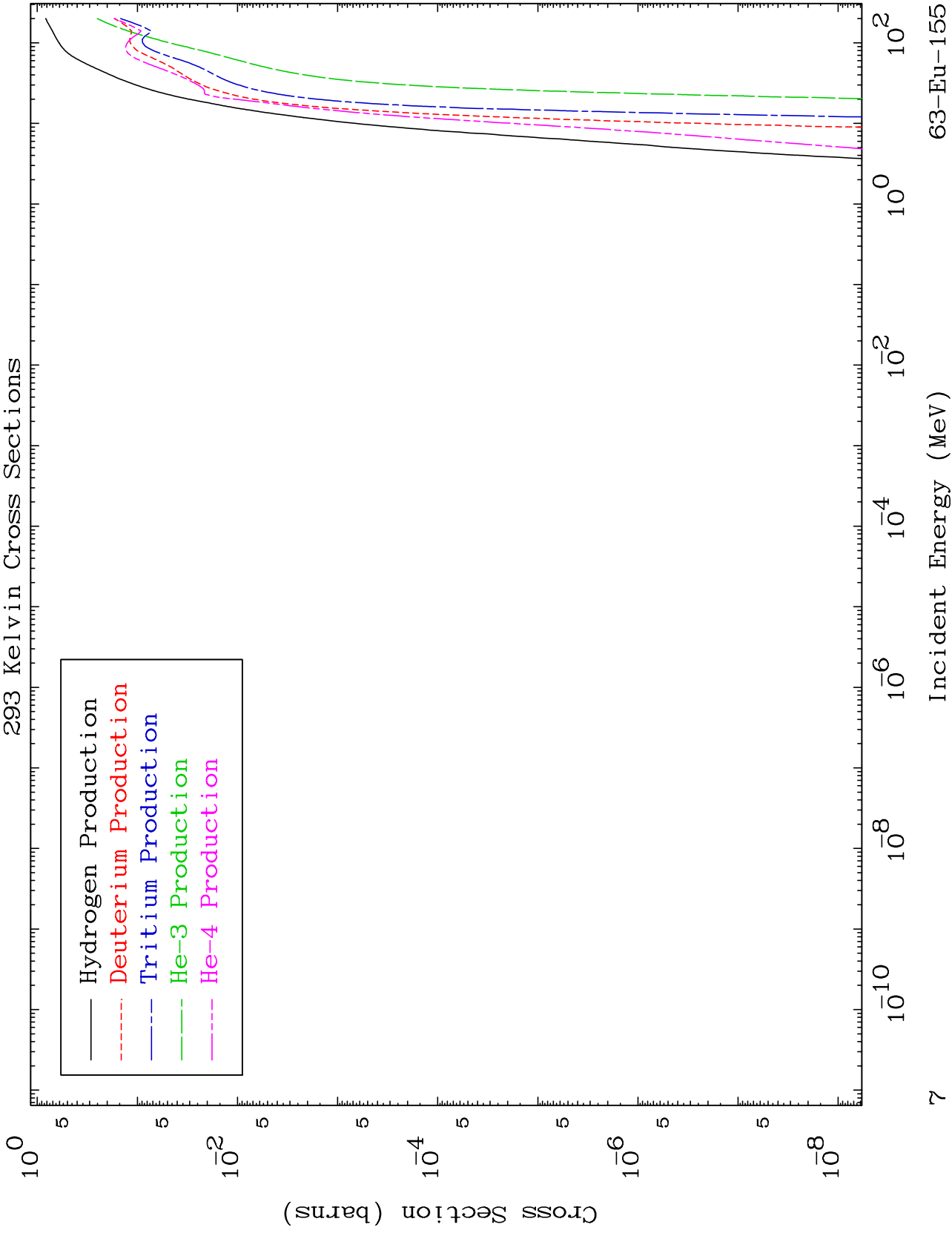
63-Eu-155



MAT 6337

Particle Production  
293 Kelvin Cross Sections

63-Eu-155



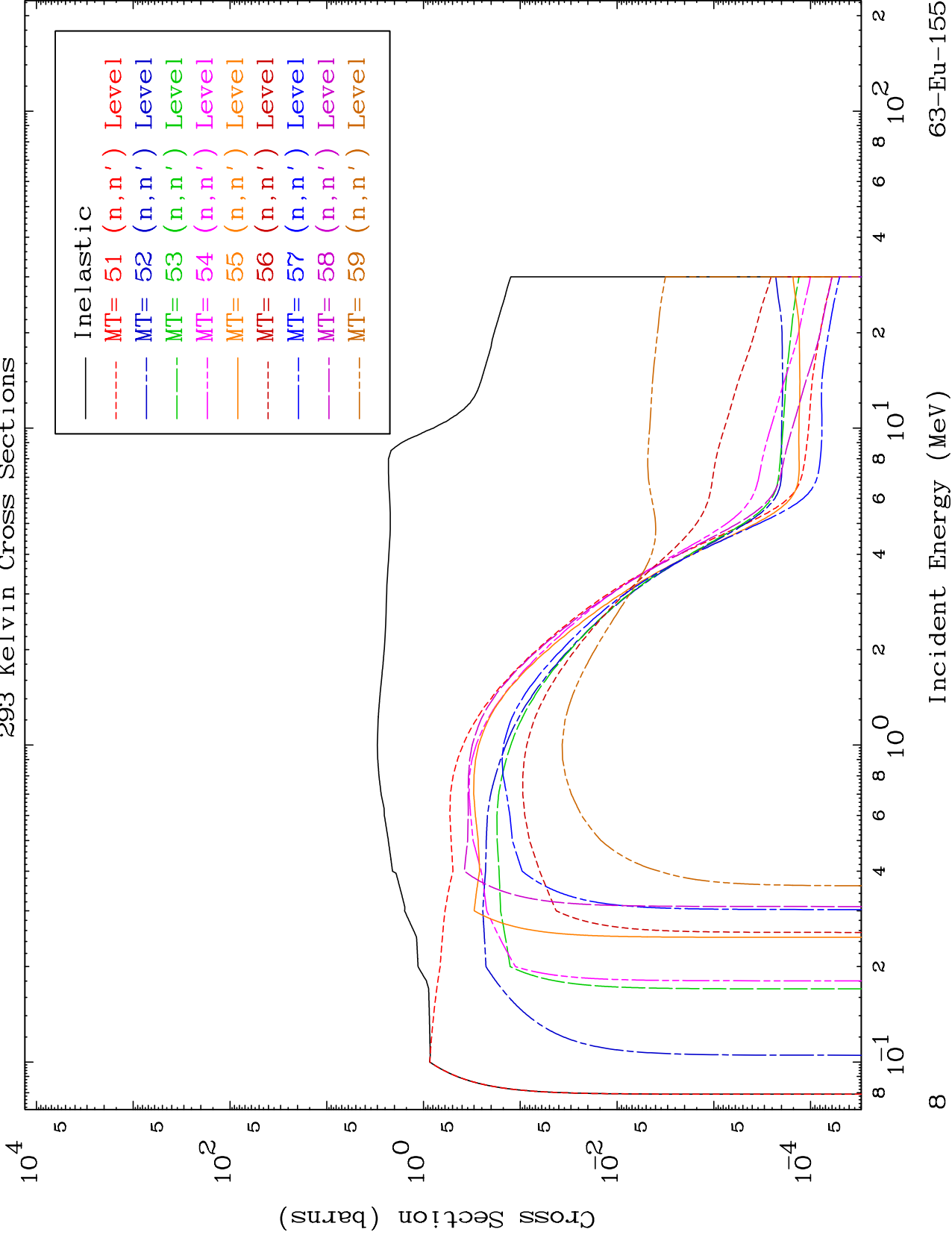


MAT 6337

(n,n') Levels

63-Eu-155

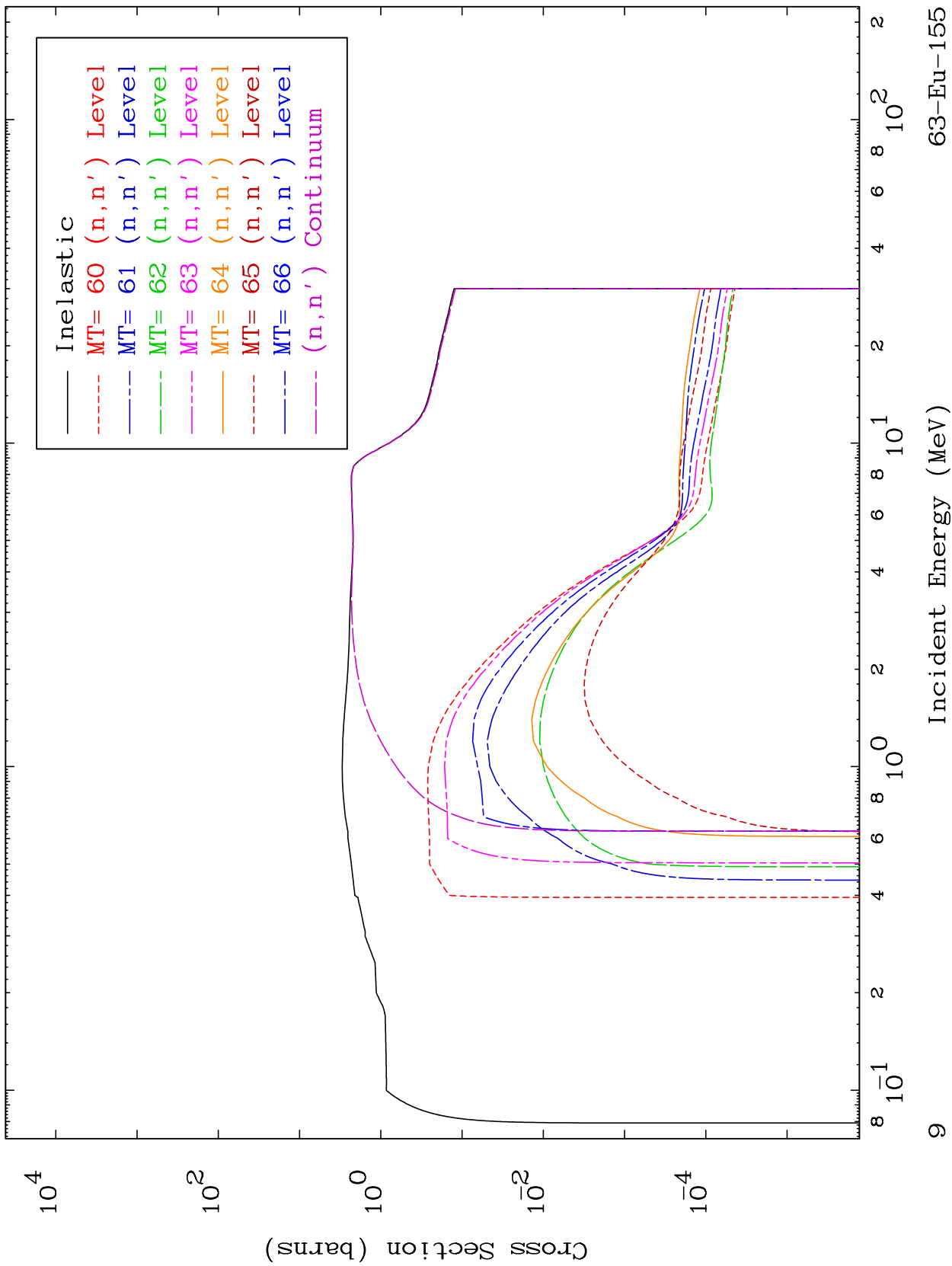
293 Kelvin Cross Sections



8

Incident Energy (MeV)

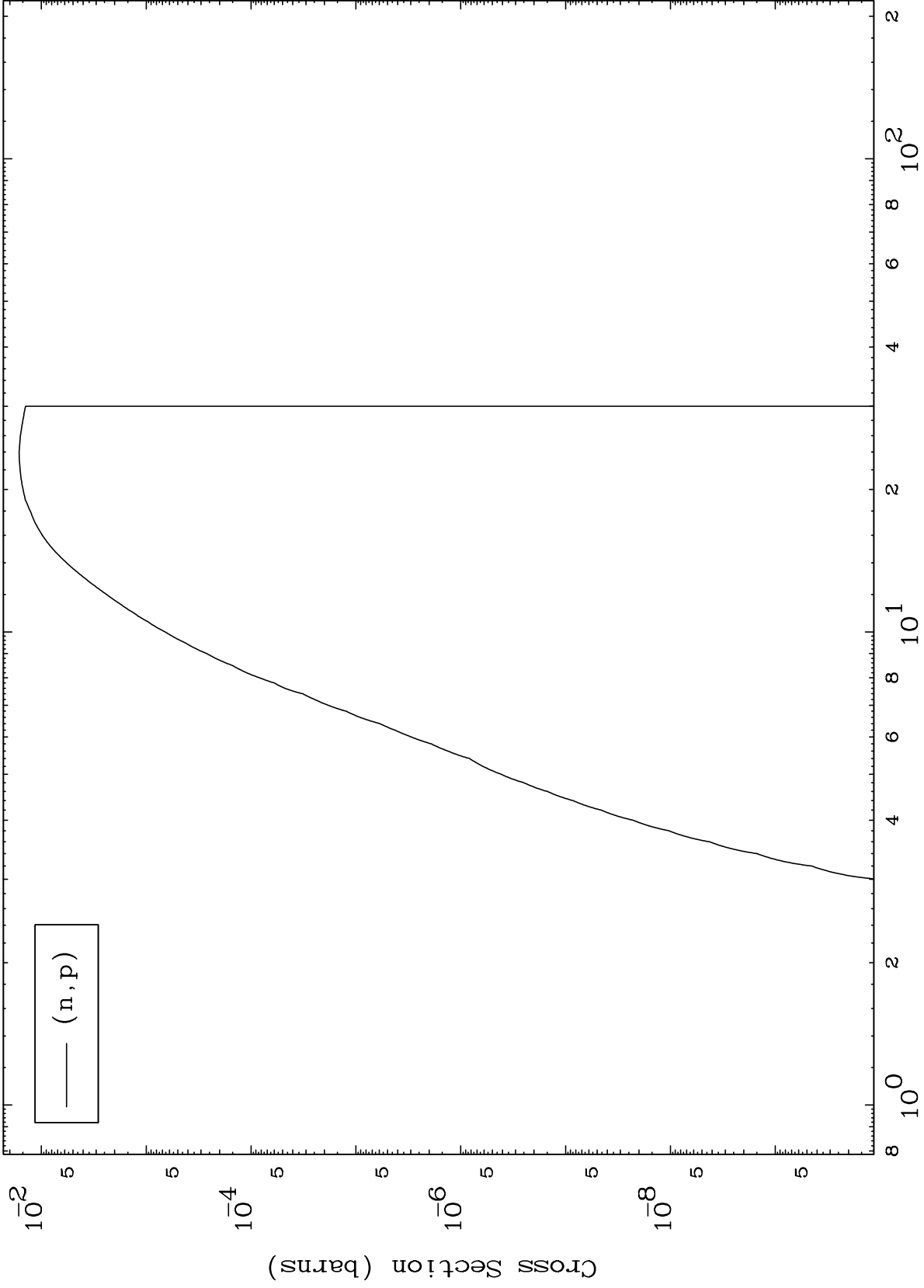
63-Eu-155



MAT 6337

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-155



(n,p)

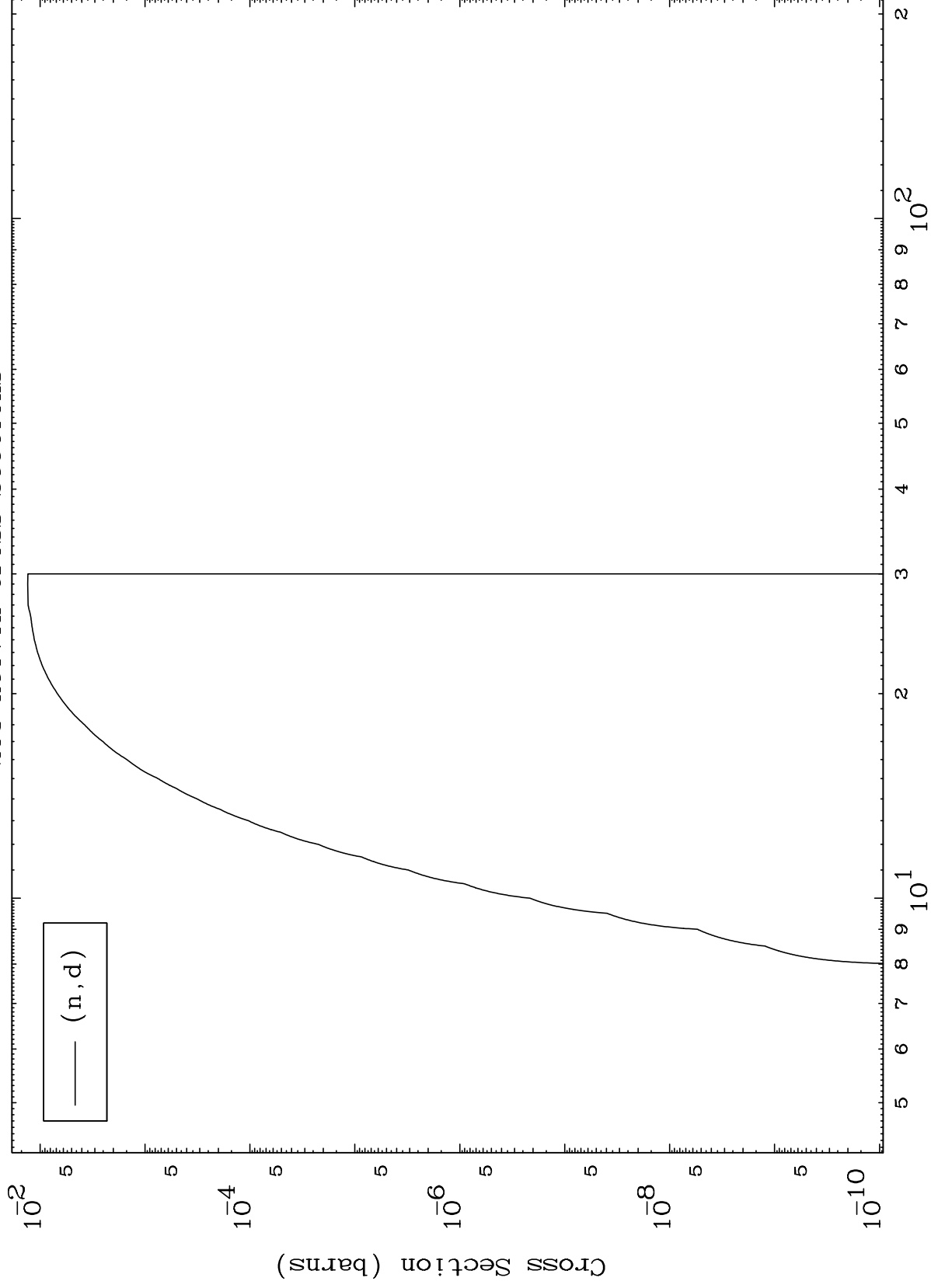
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-155



11

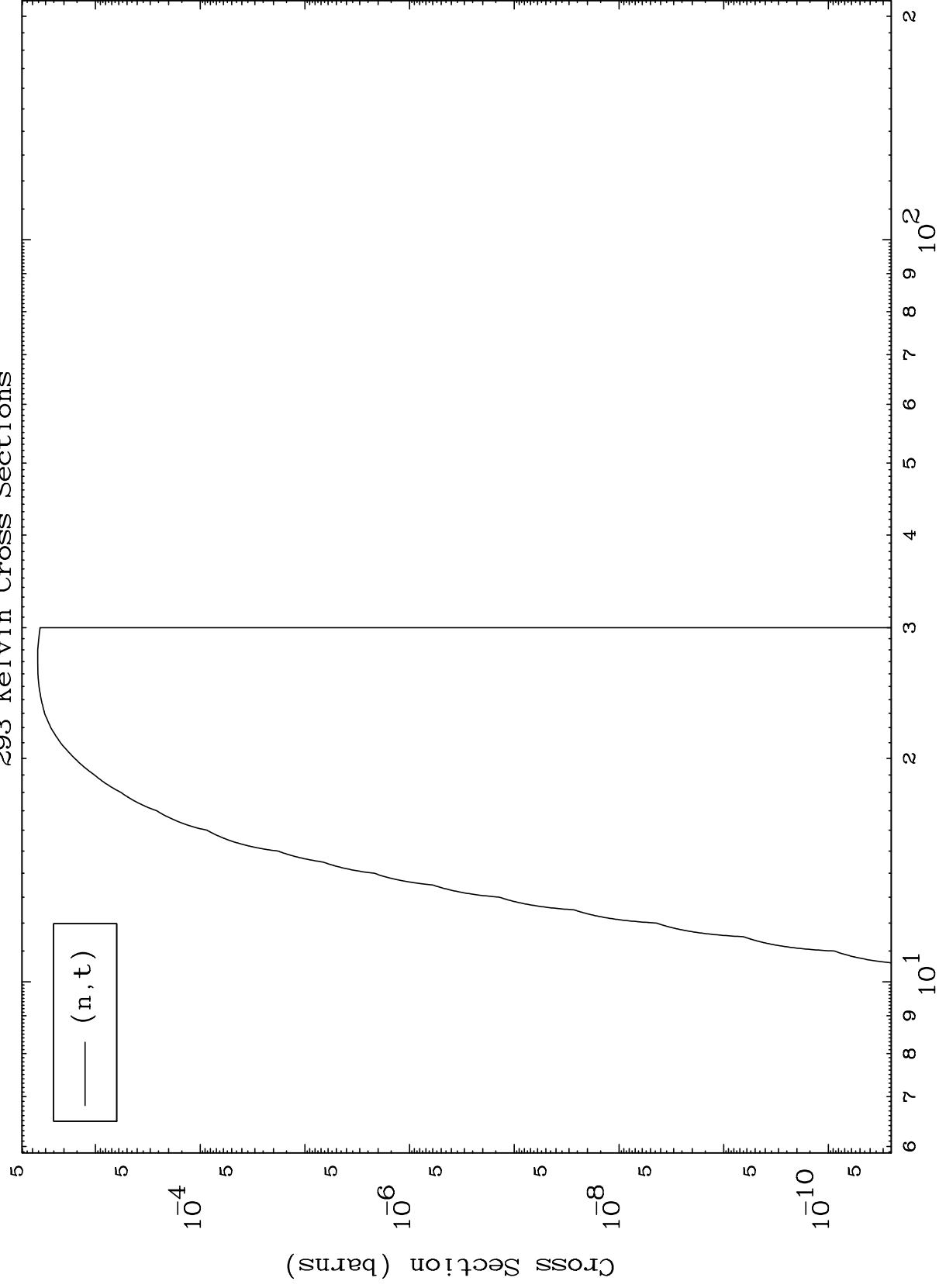
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-155



12

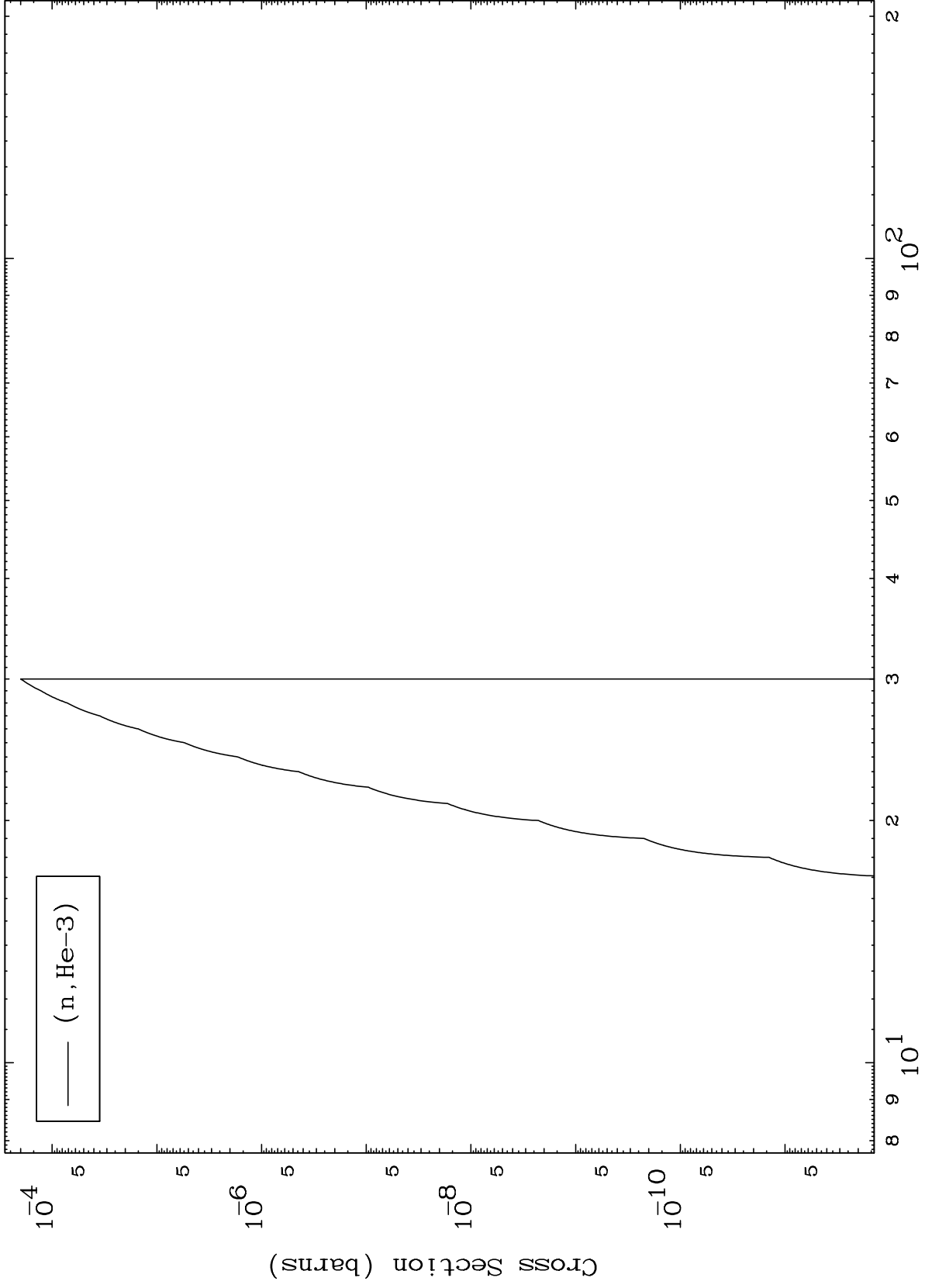
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-155



13

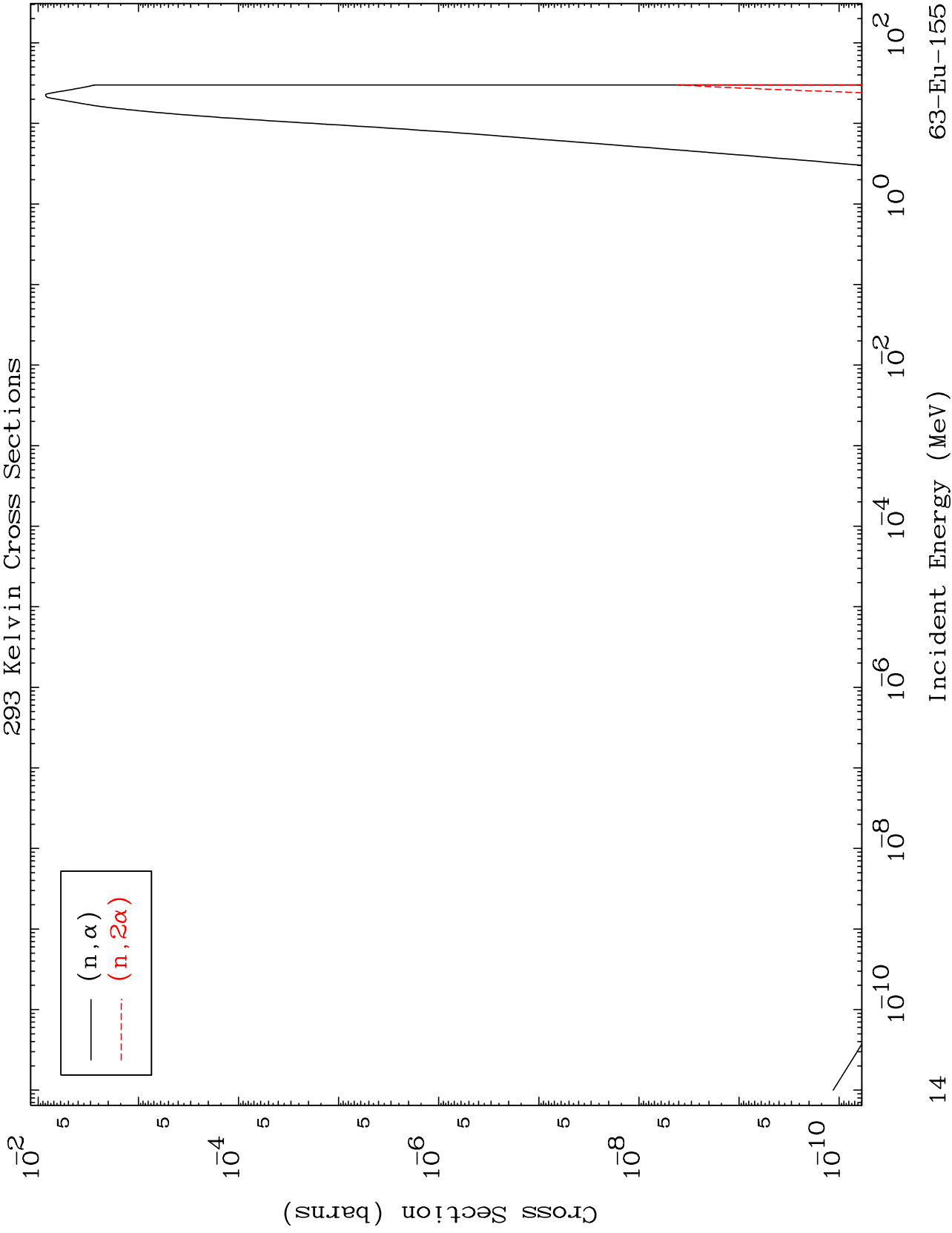
Incident Energy (MeV)

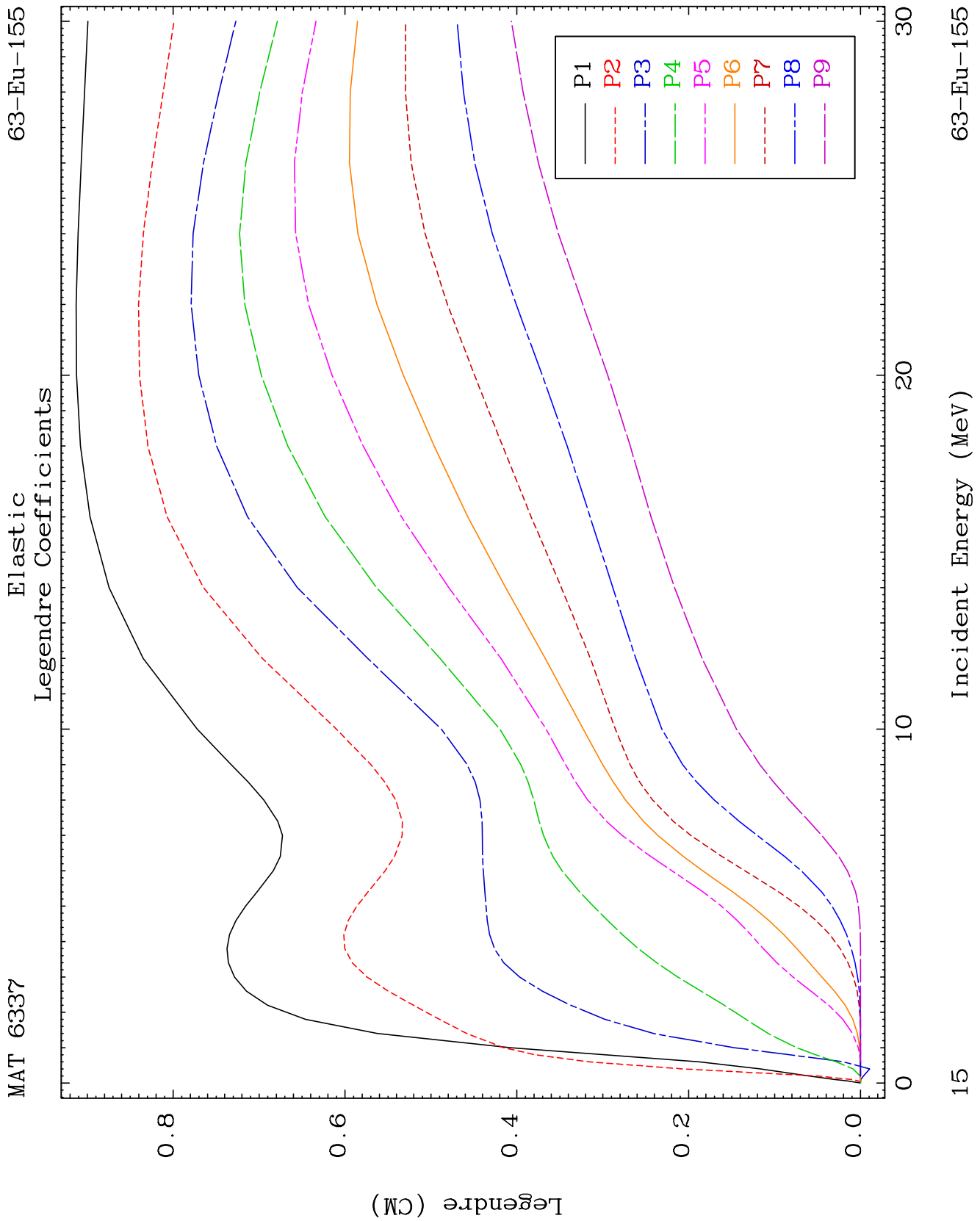
63-Eu-155

MAT 6337

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

63-Eu-155



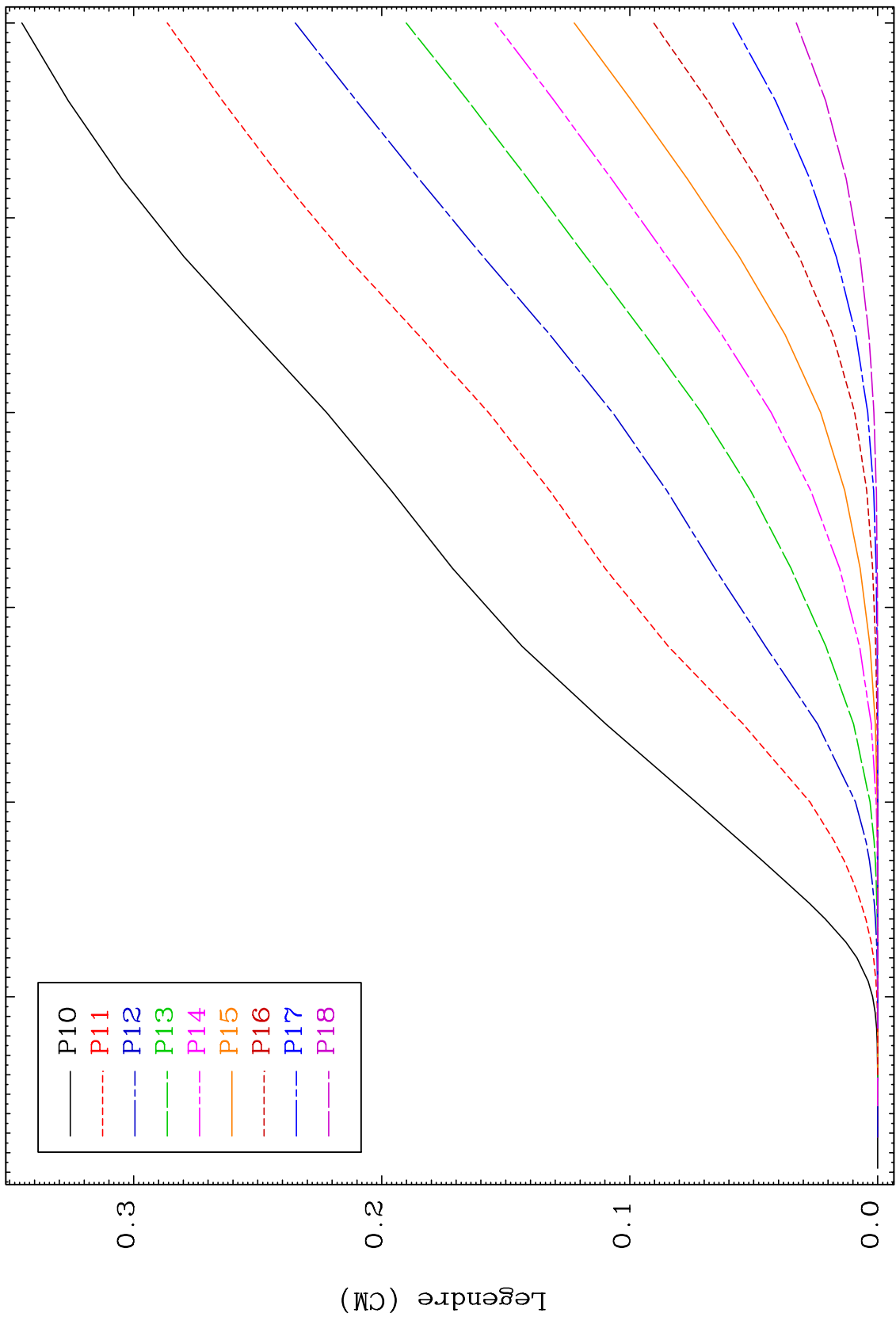




MAT 6337

Elastic Legendre Coefficients

<sup>63</sup>-Eu-155



16

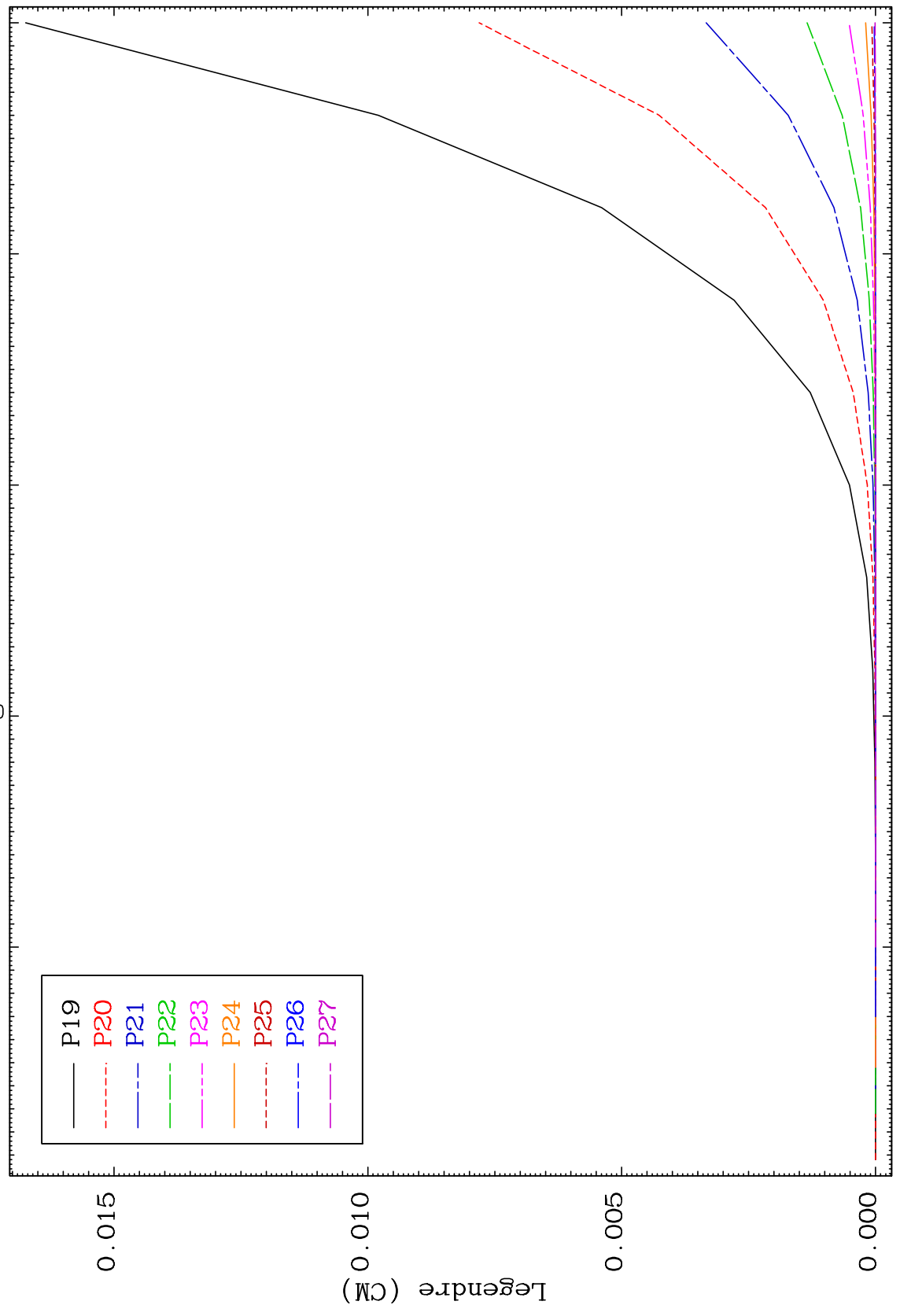
Incident Energy (MeV)

<sup>63</sup>-Eu-155

MAT 6337

### Elastic Legendre Coefficients

63-Eu-155



17

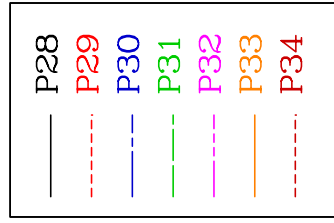
Incident Energy (MeV)

63-Eu-155

MAT 6337

Elastic Legendre Coefficients

63-Eu-155



$\times 10^{-6}$

Legendre (CM)

0.0

1.0

2.0

3.0

10

15

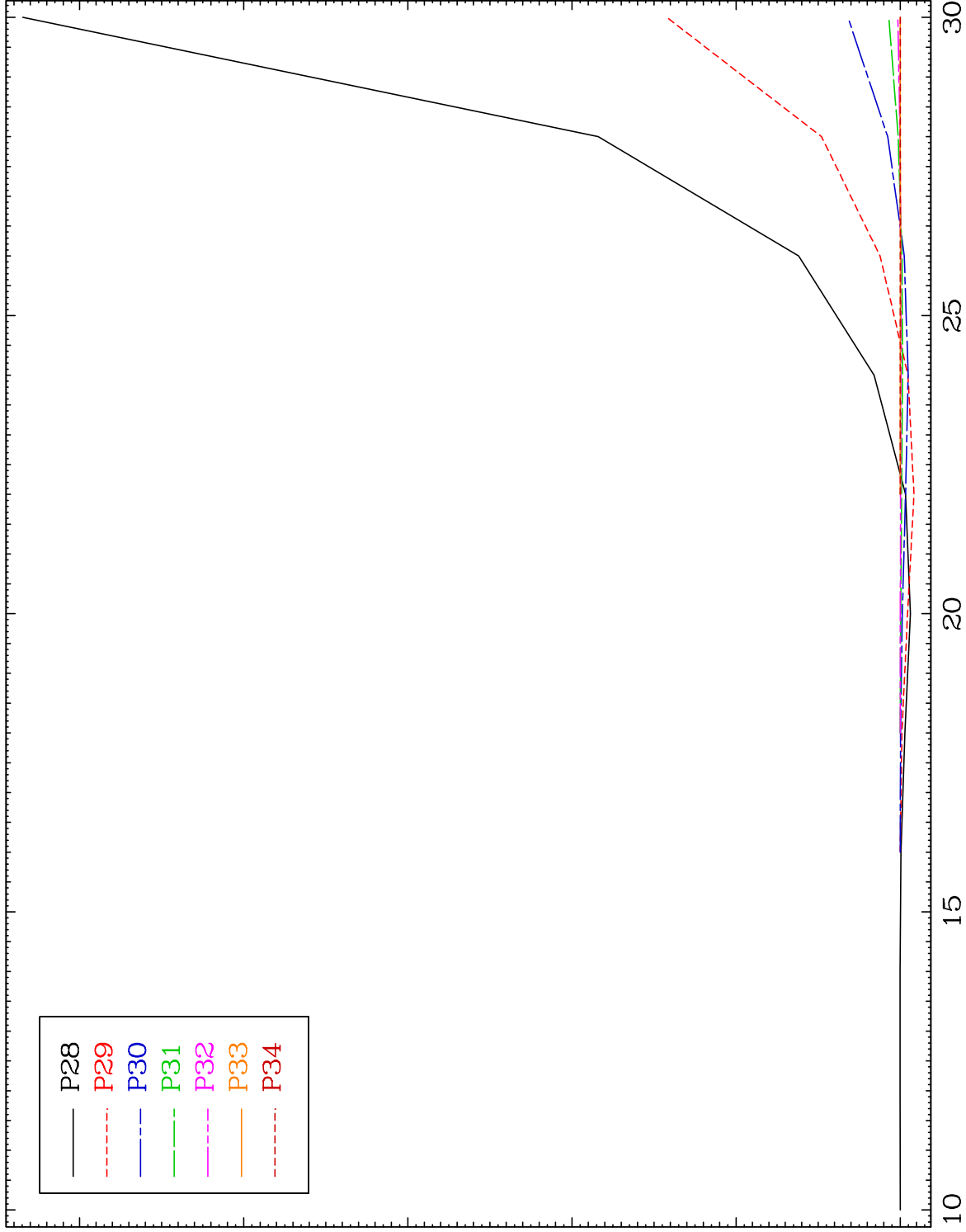
20

25

30

Incident Energy (MeV)

63-Eu-155

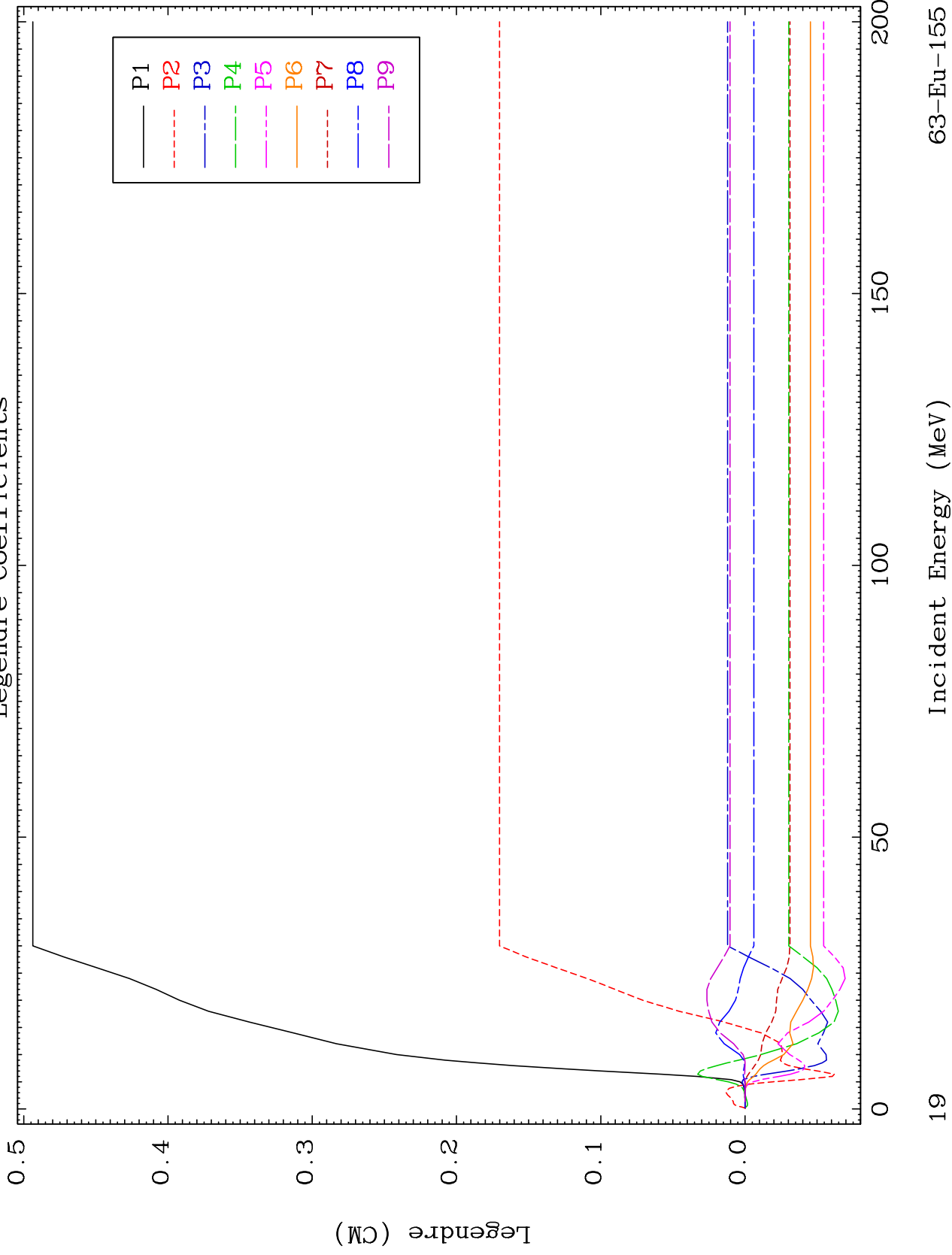


MAT 6337

MT= 51 (n,n') Level

63-Eu-155

Legendre Coefficients

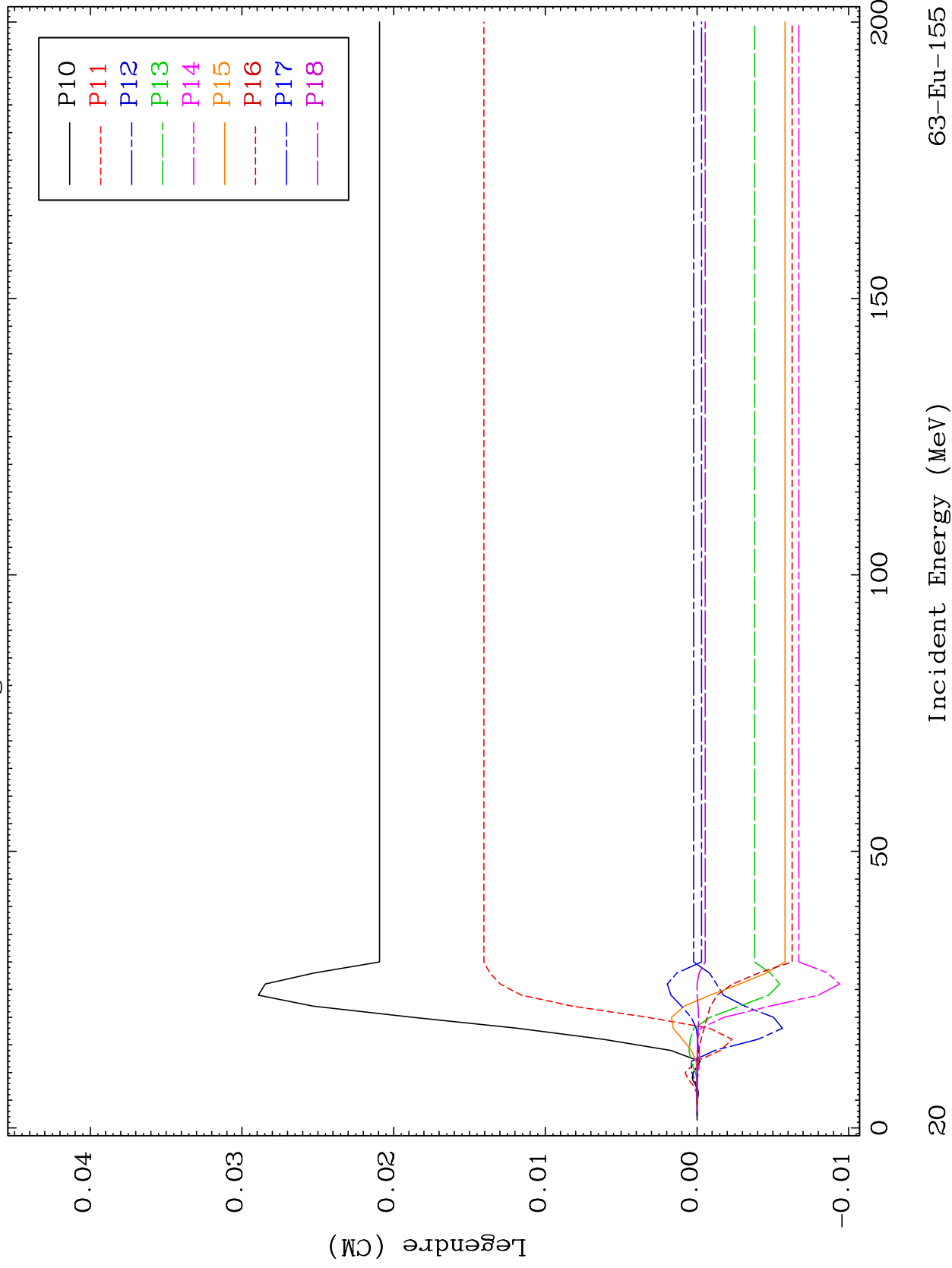


19

MAT 6337

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

63-Eu-155

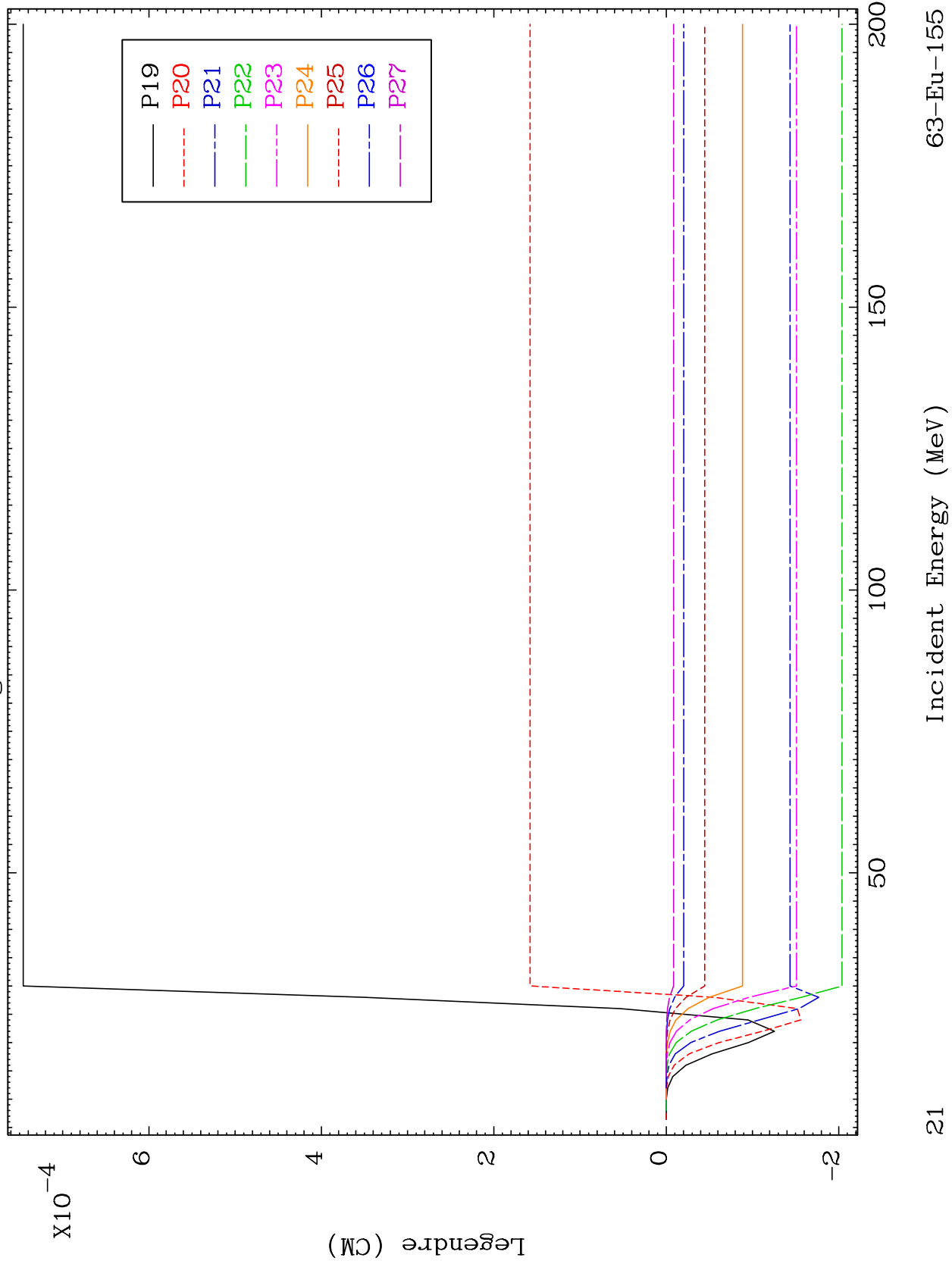


63-Eu-155

MAT 6337

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

63-Eu-155

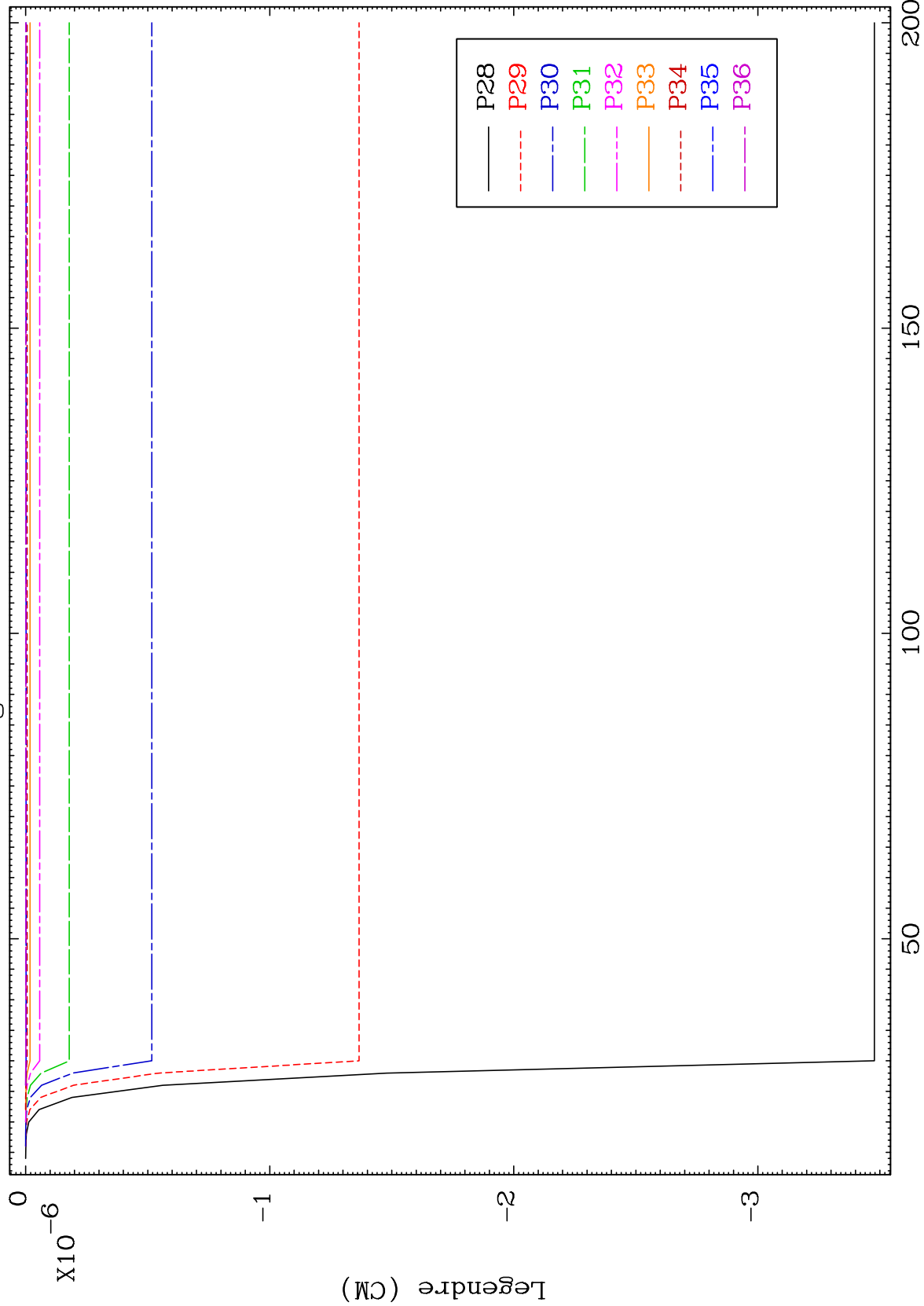


MAT 6337

MT= 51 (n,n') Level

63-Eu-155

Legendre Coefficients



63-Eu-155

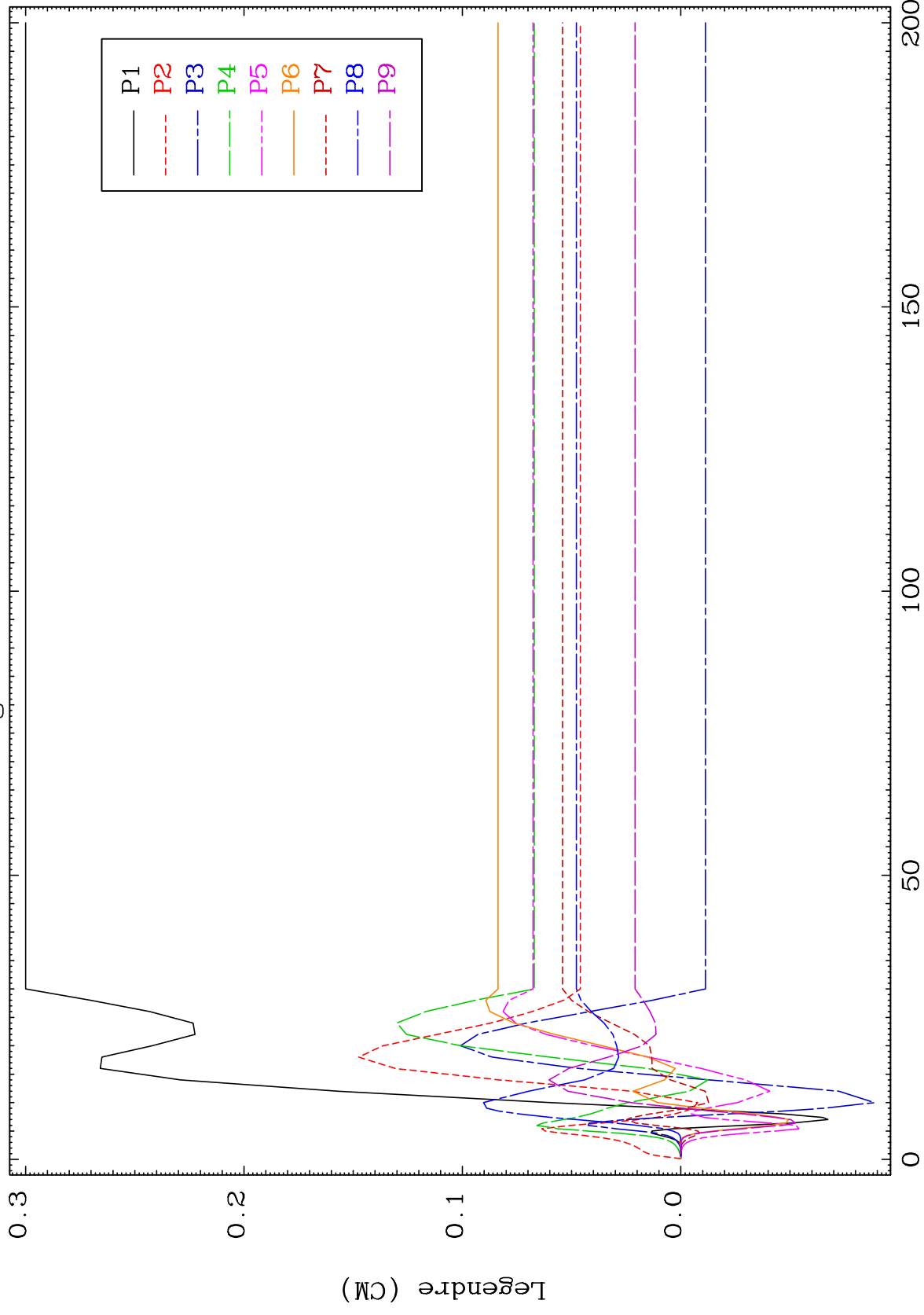
Incident Energy (MeV)

22

MAT 6337

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

63-Eu-155



23

Incident Energy (MeV)

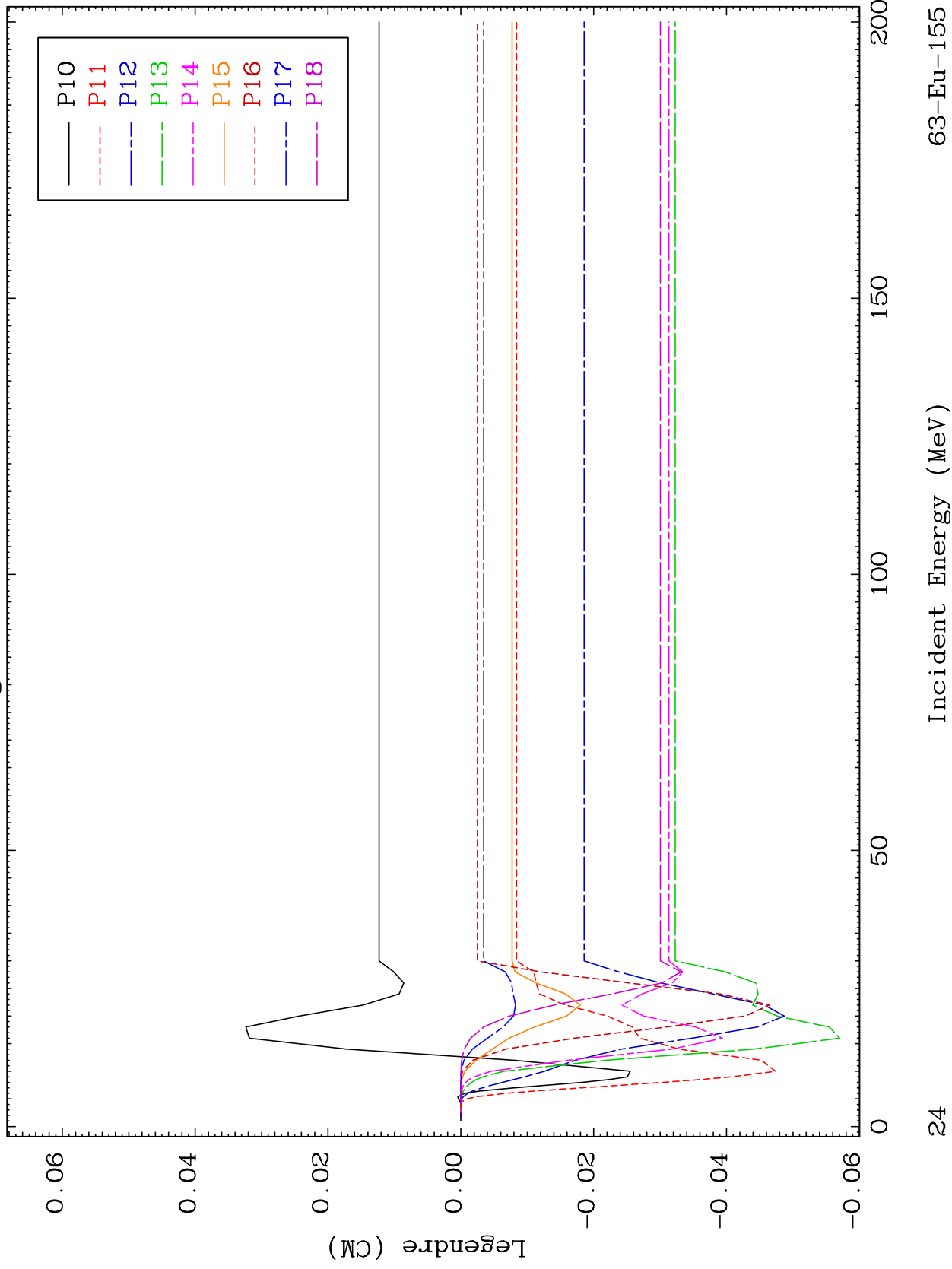
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

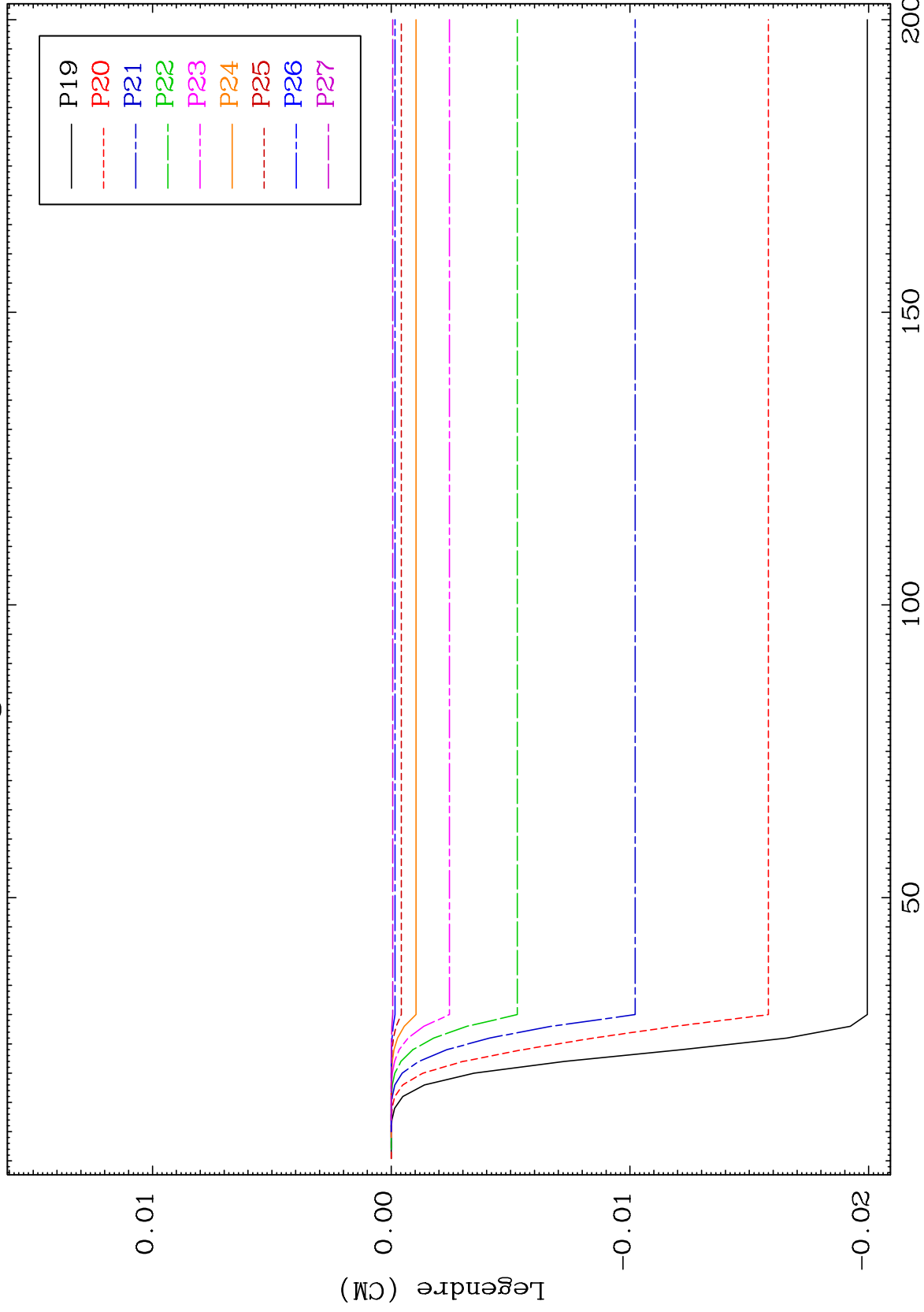
Incident Energy (MeV)

24

MAT 6337

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

63-Eu-155



25

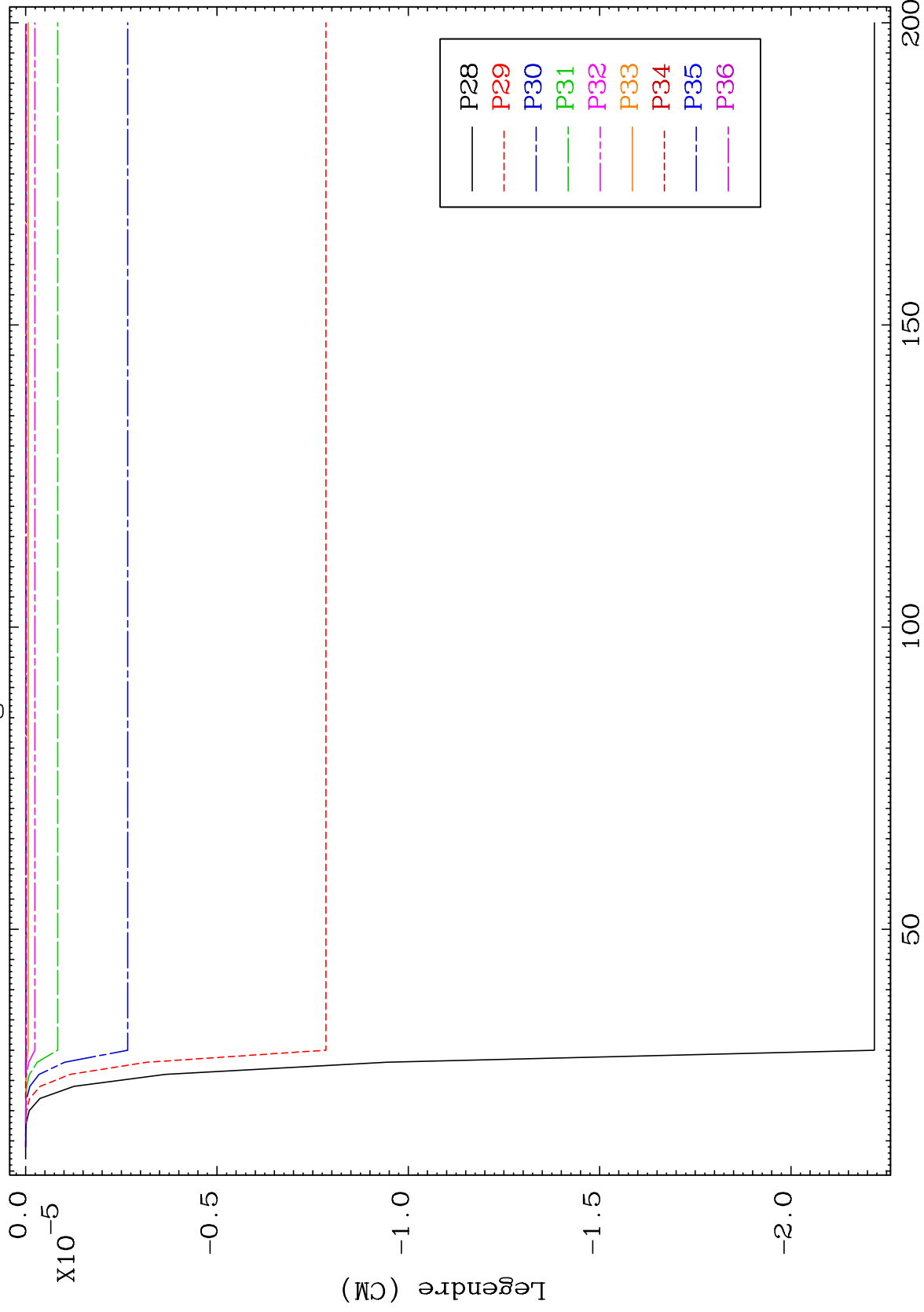
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

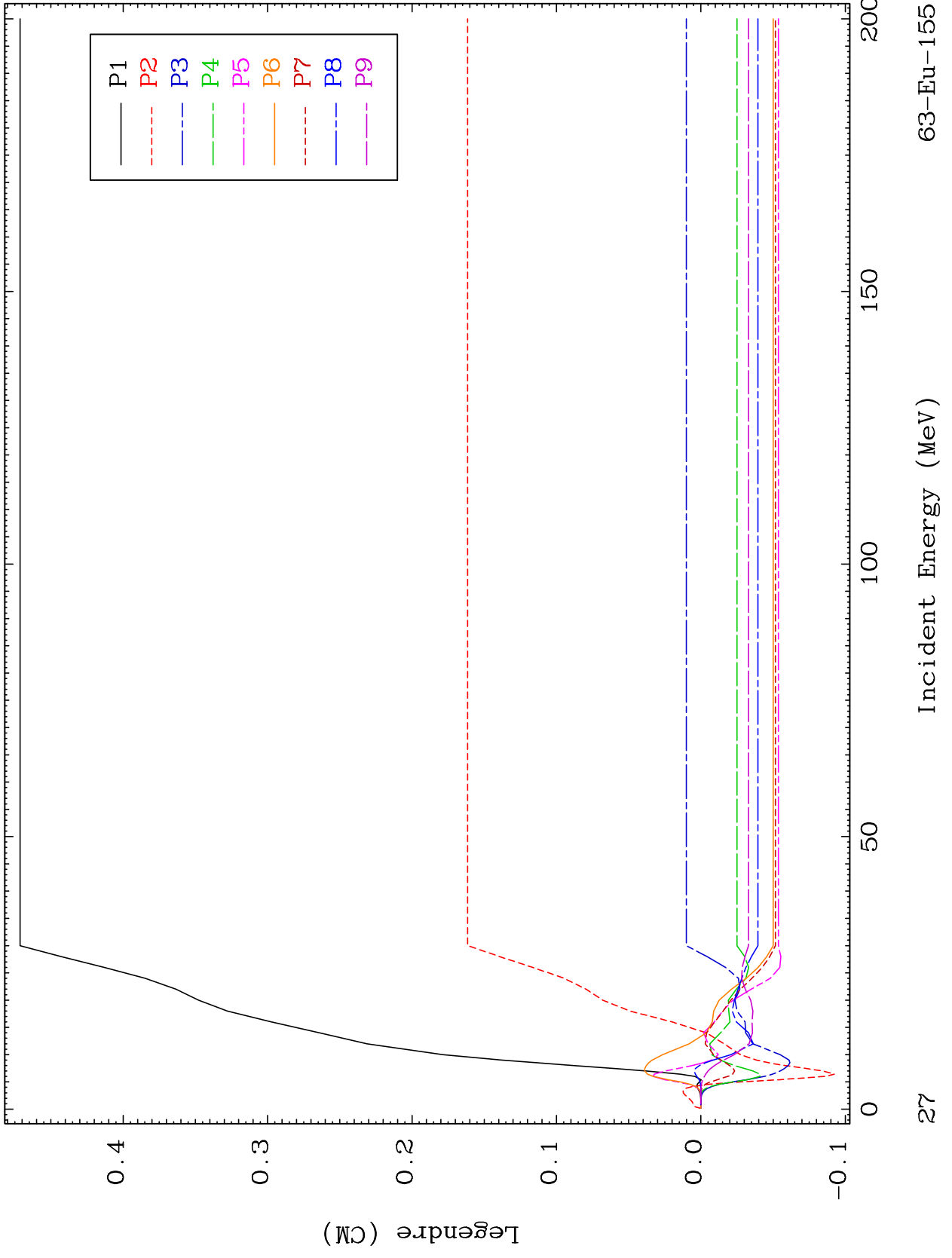
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

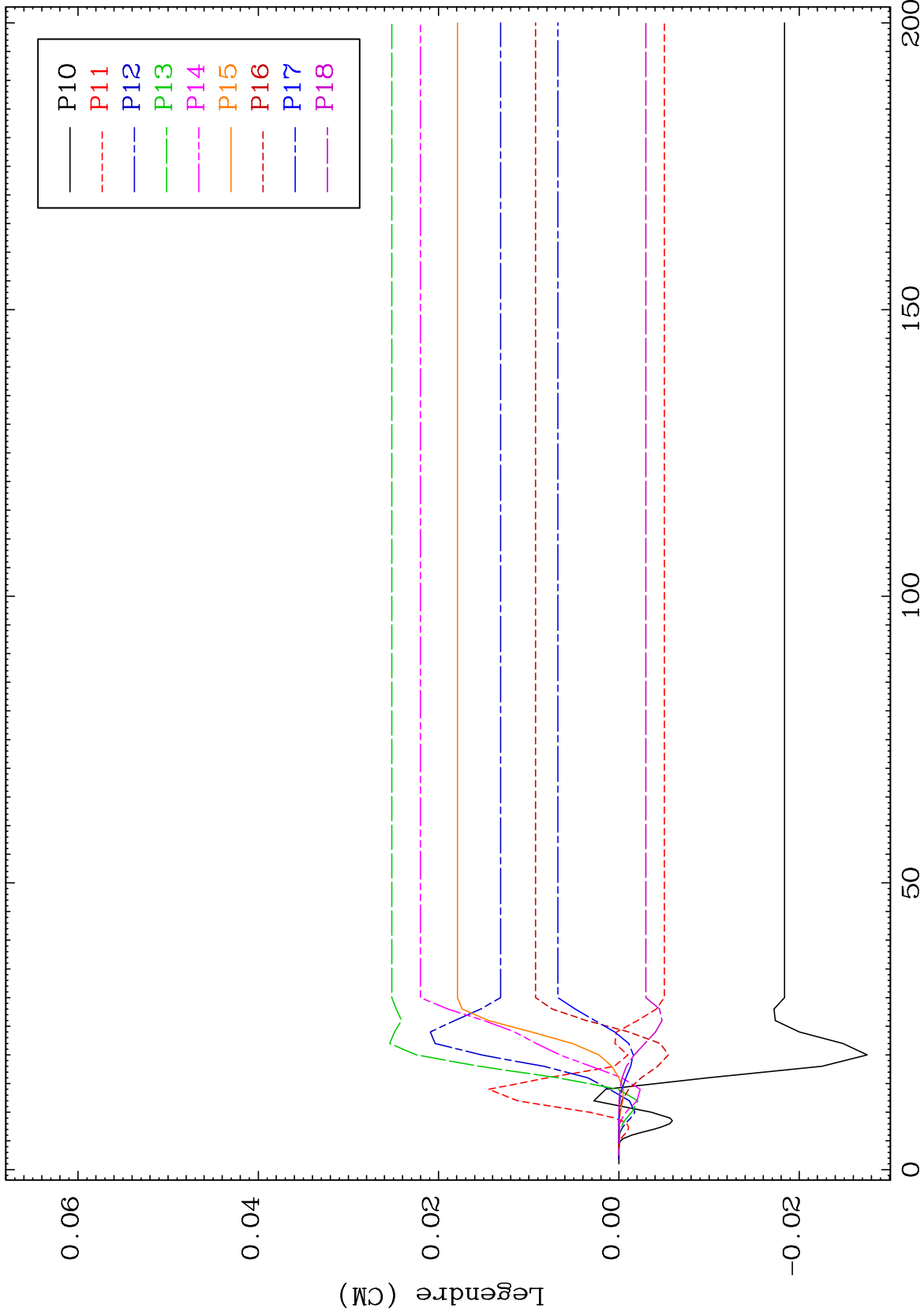
Incident Energy (MeV)

27

MAT 6337

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

63-Eu-155



28

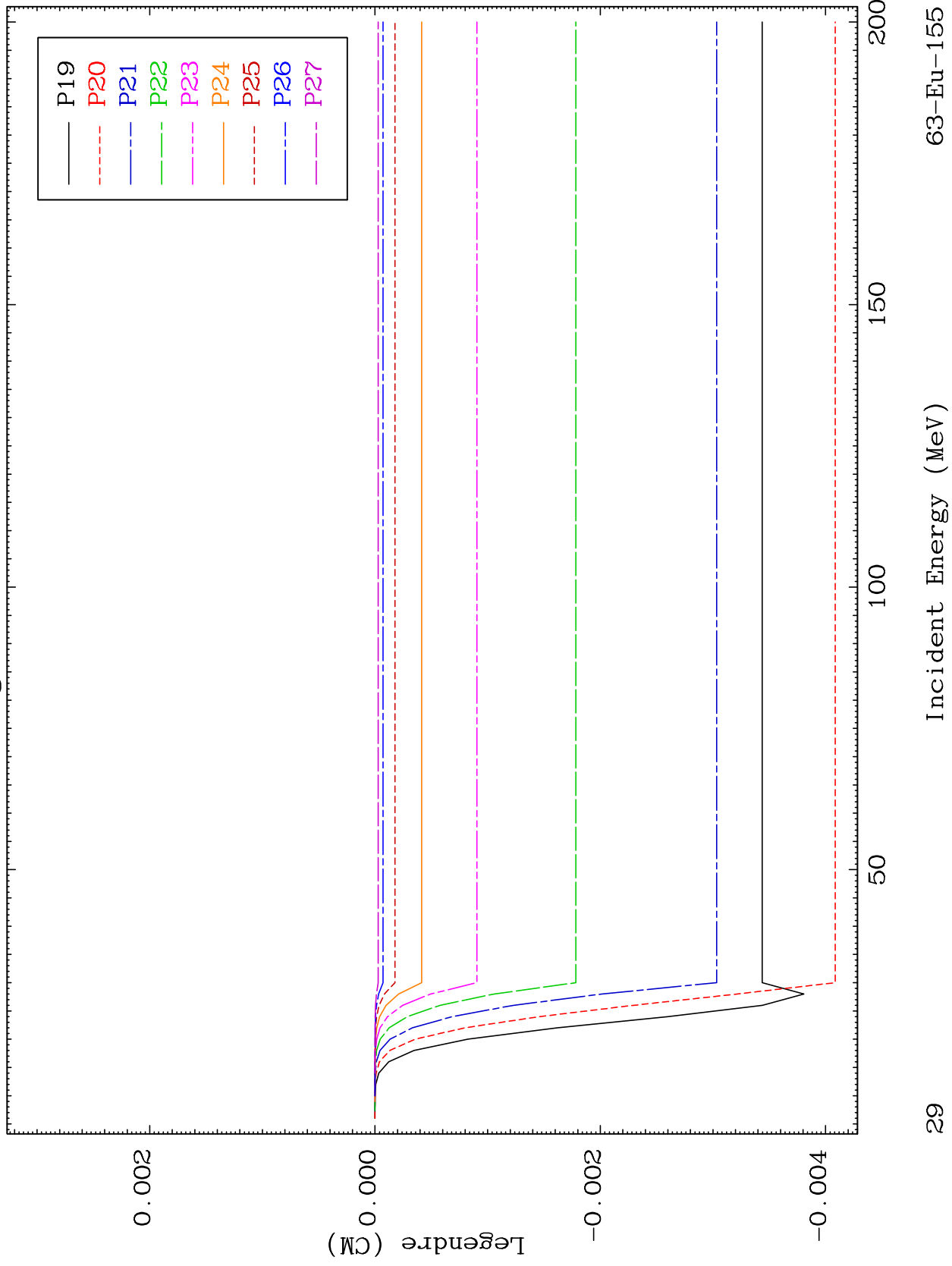
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

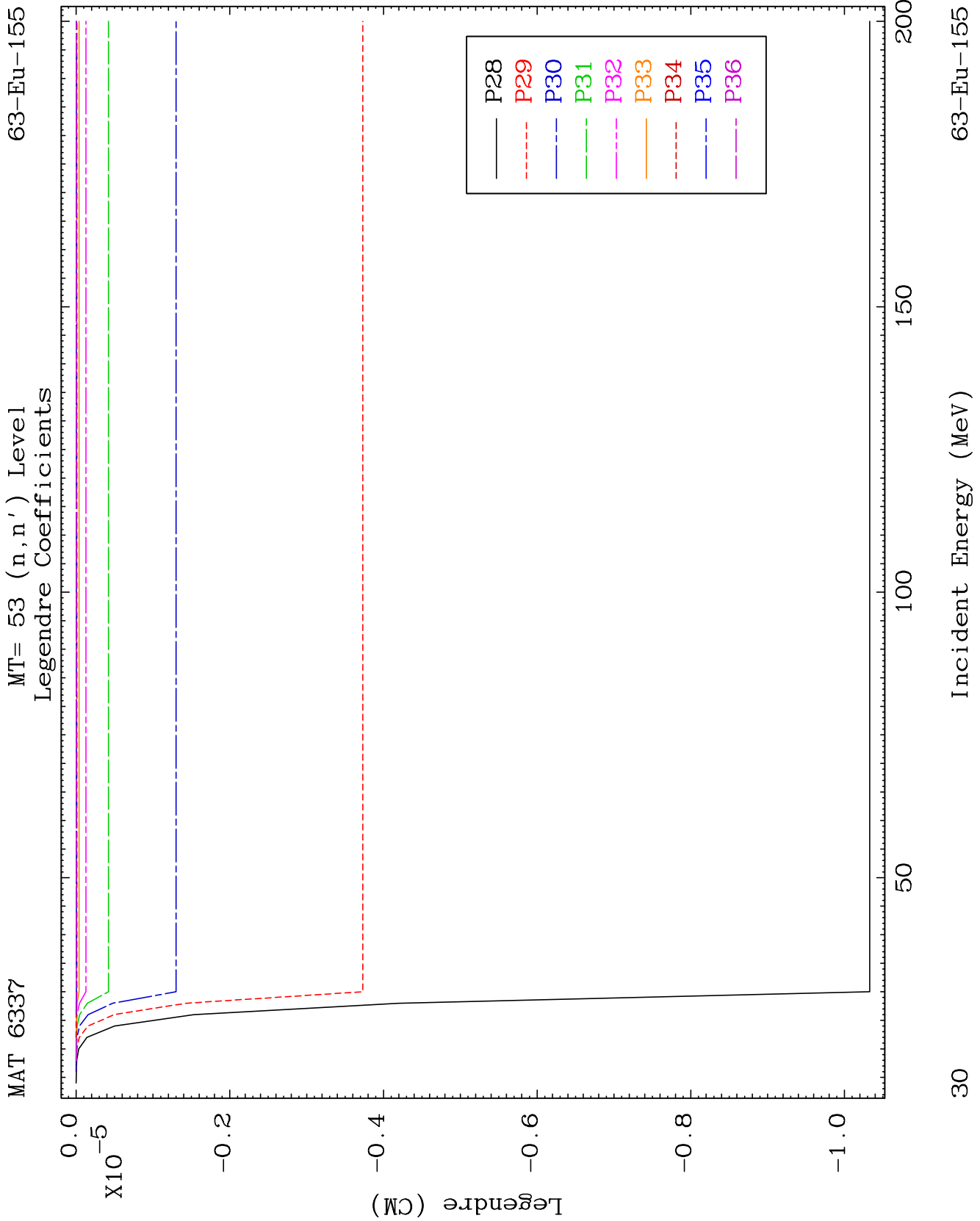
63-Eu-155



29

Incident Energy (MeV)

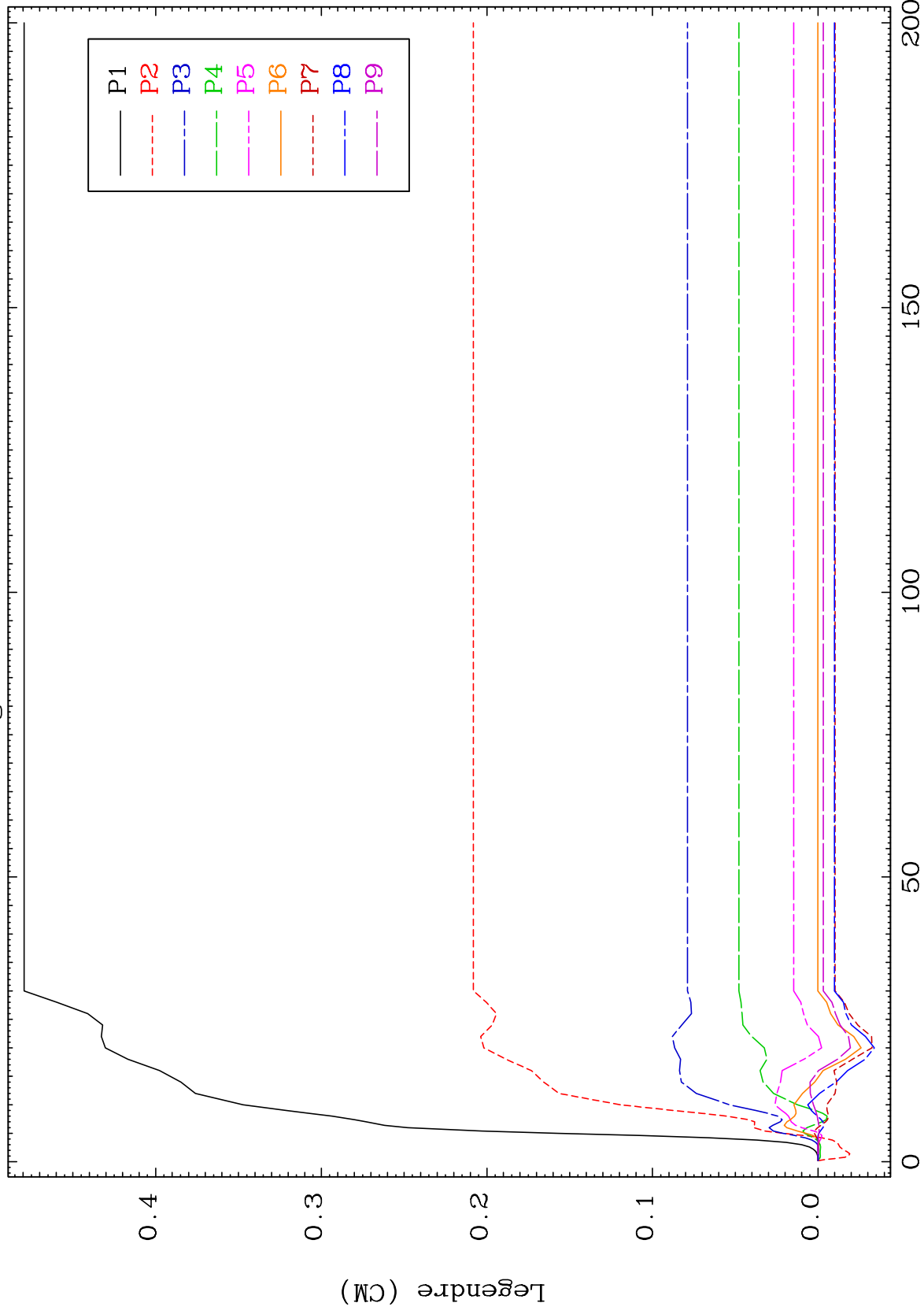
63-Eu-155



MAT 6337

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

63-Eu-155



31

Incident Energy (MeV)

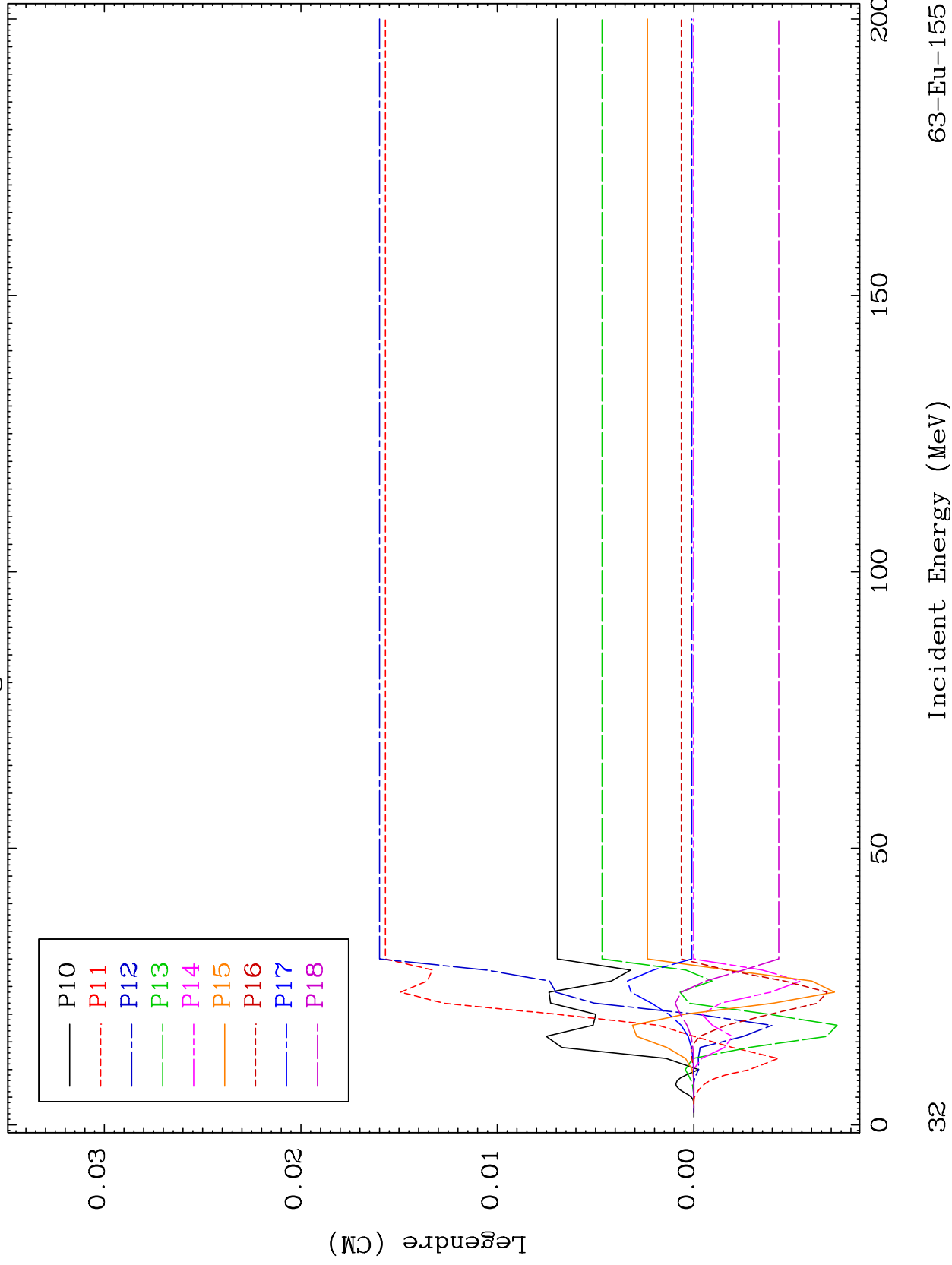
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MAT 6337

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

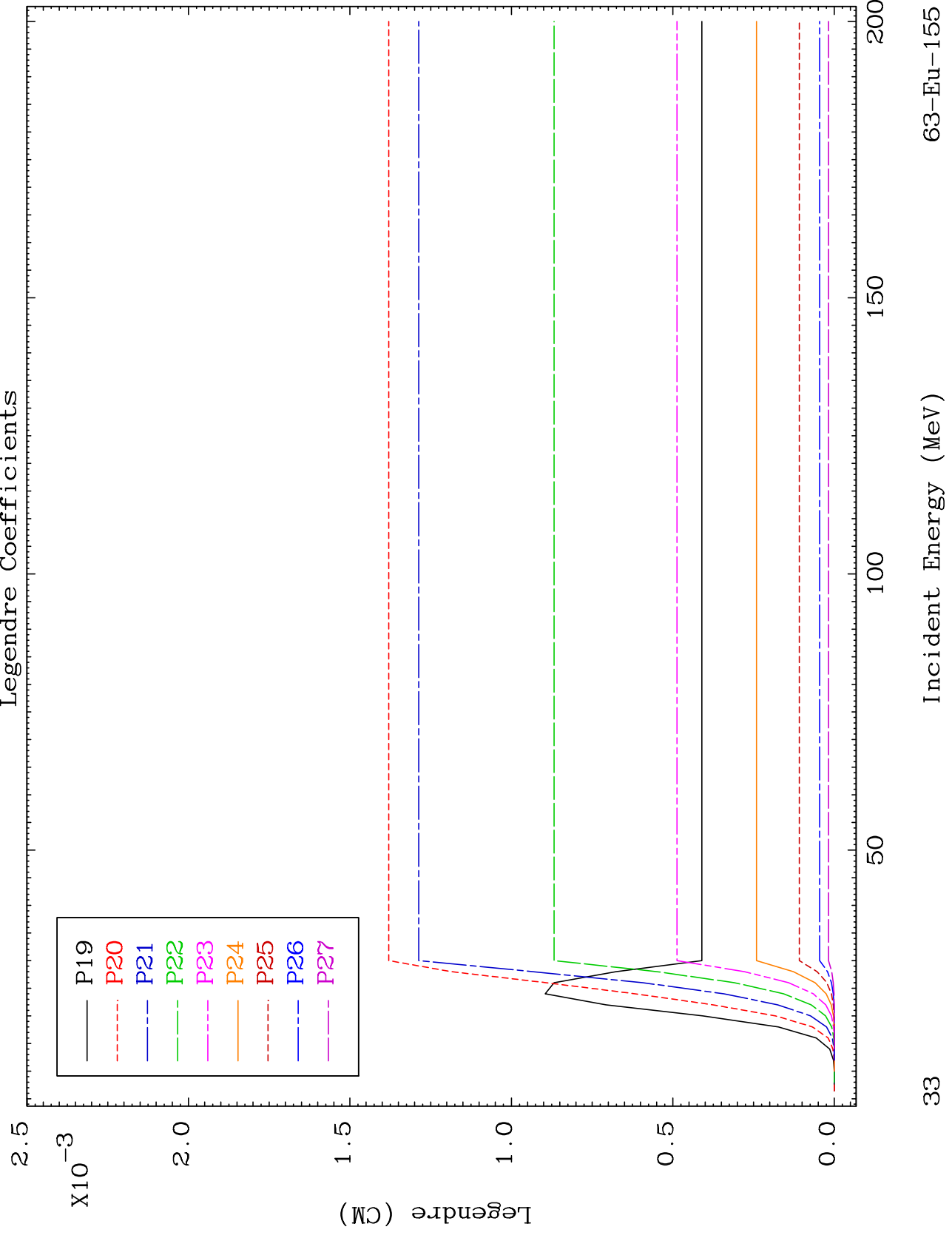
63-Eu-155



63-Eu-155

Incident Energy (MeV)

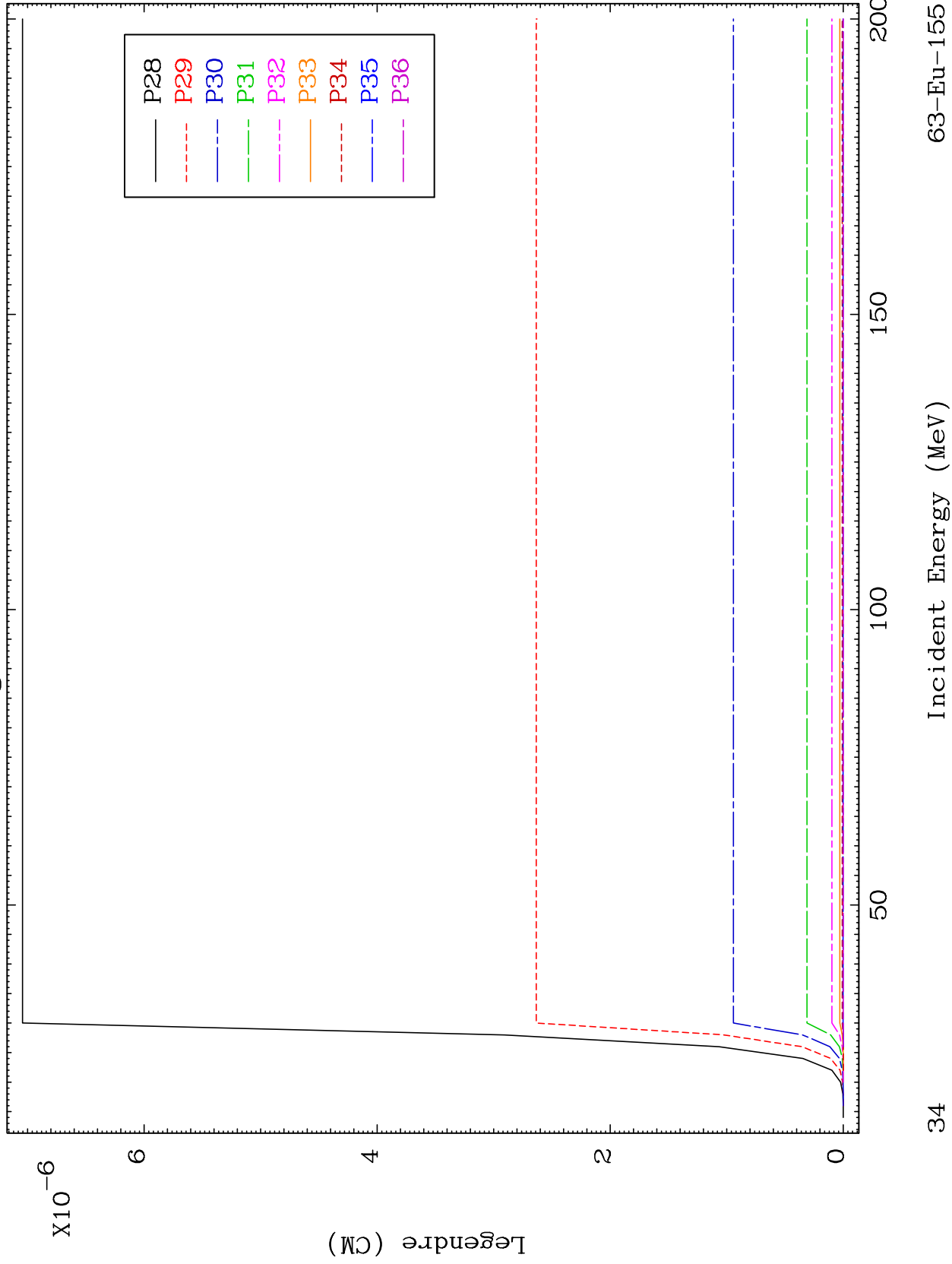
32



MAT 6337

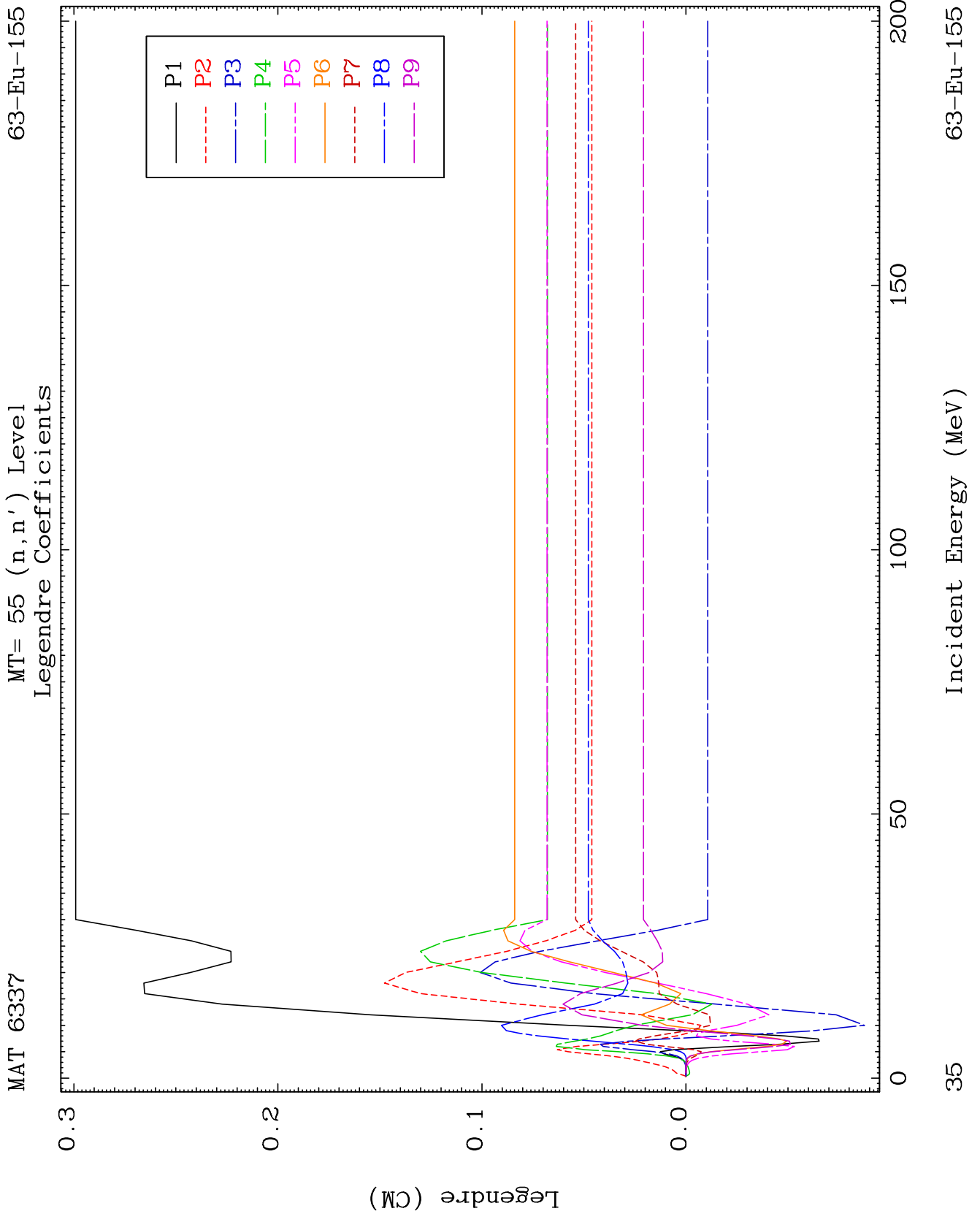
MT= 54 (n,n') Level  
Legendre Coefficients

63-Eu-155



34

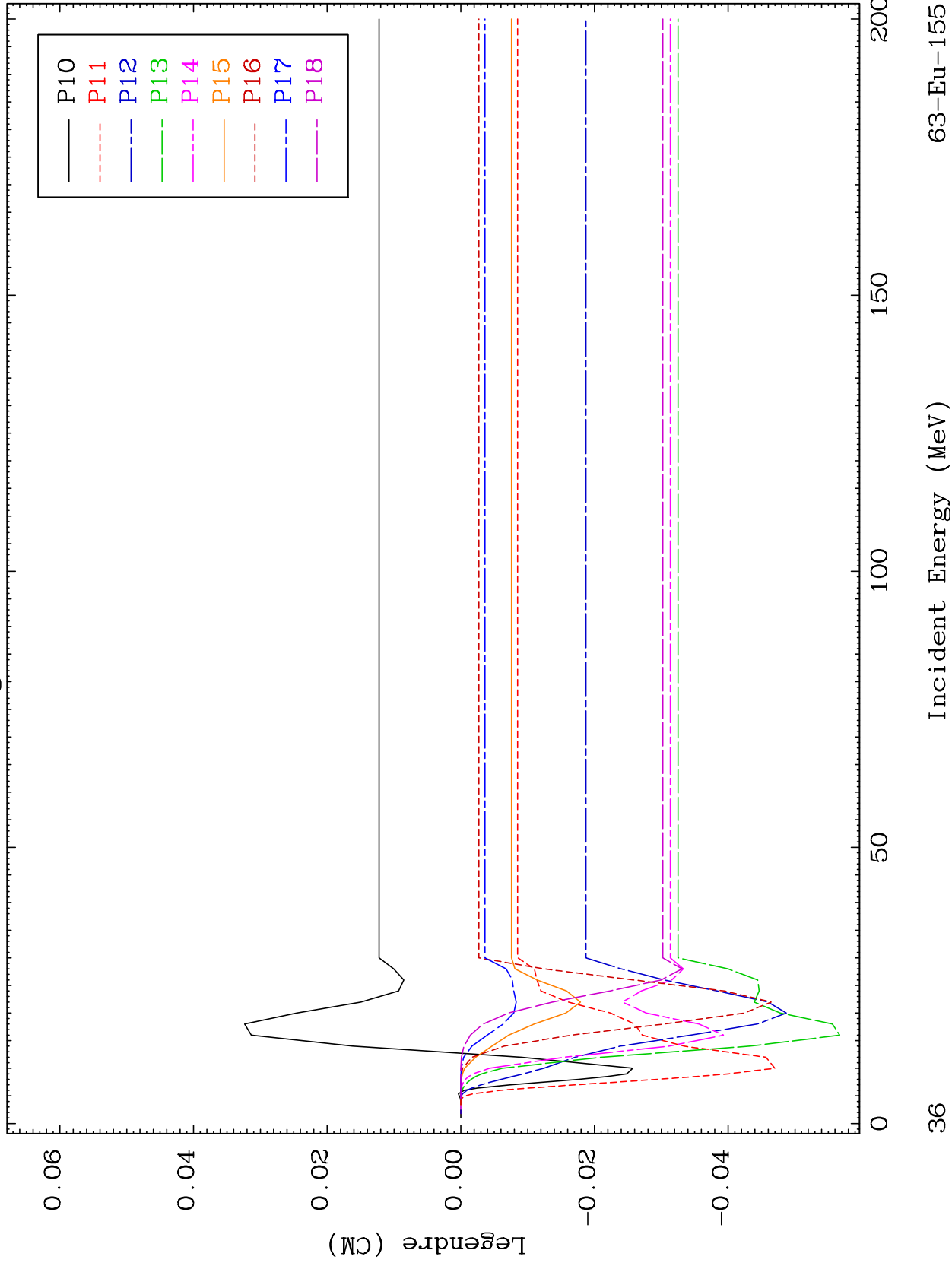
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

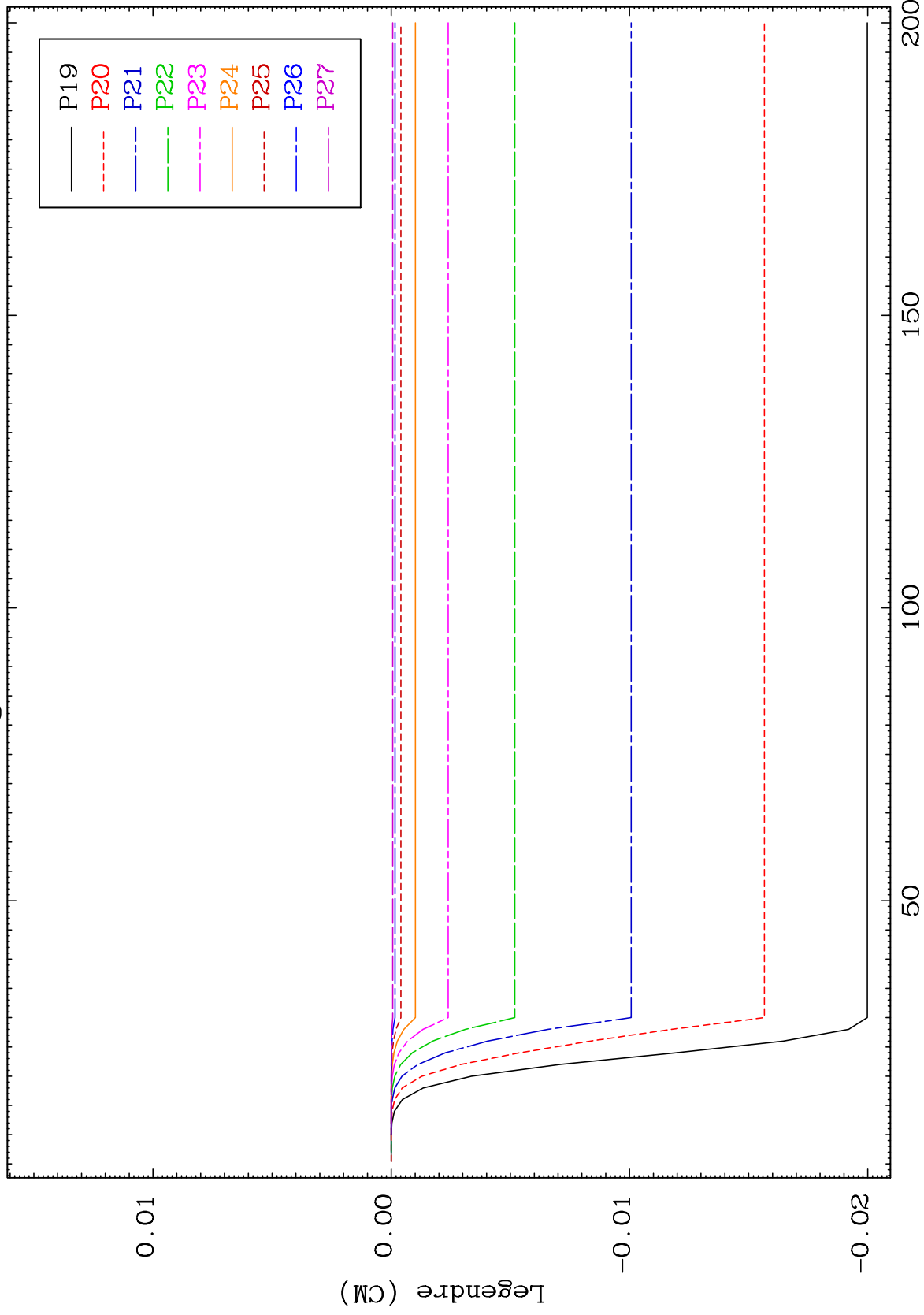
Incident Energy (MeV)

36

MAT 6337

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

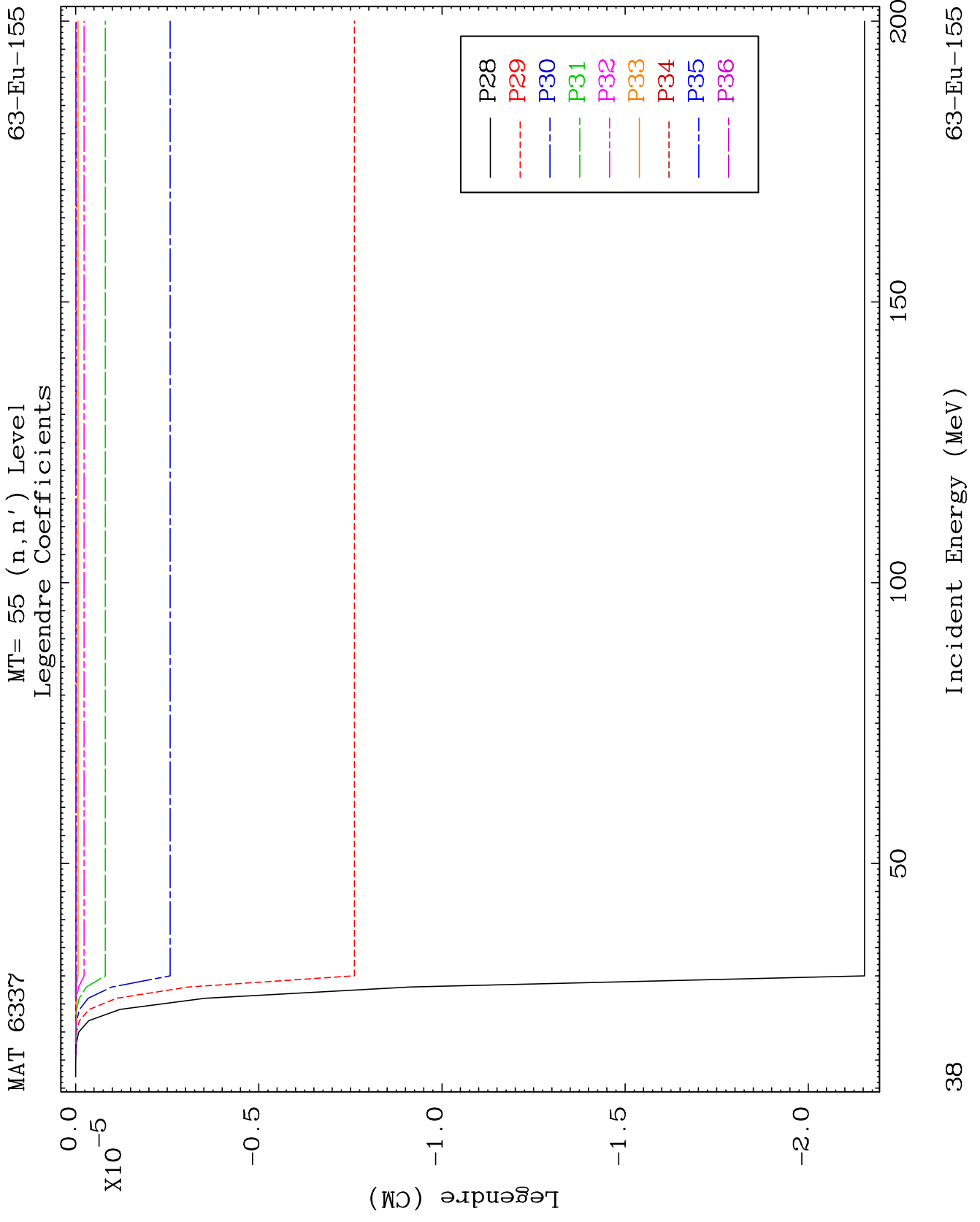
63-Eu-155



37

Incident Energy (MeV)

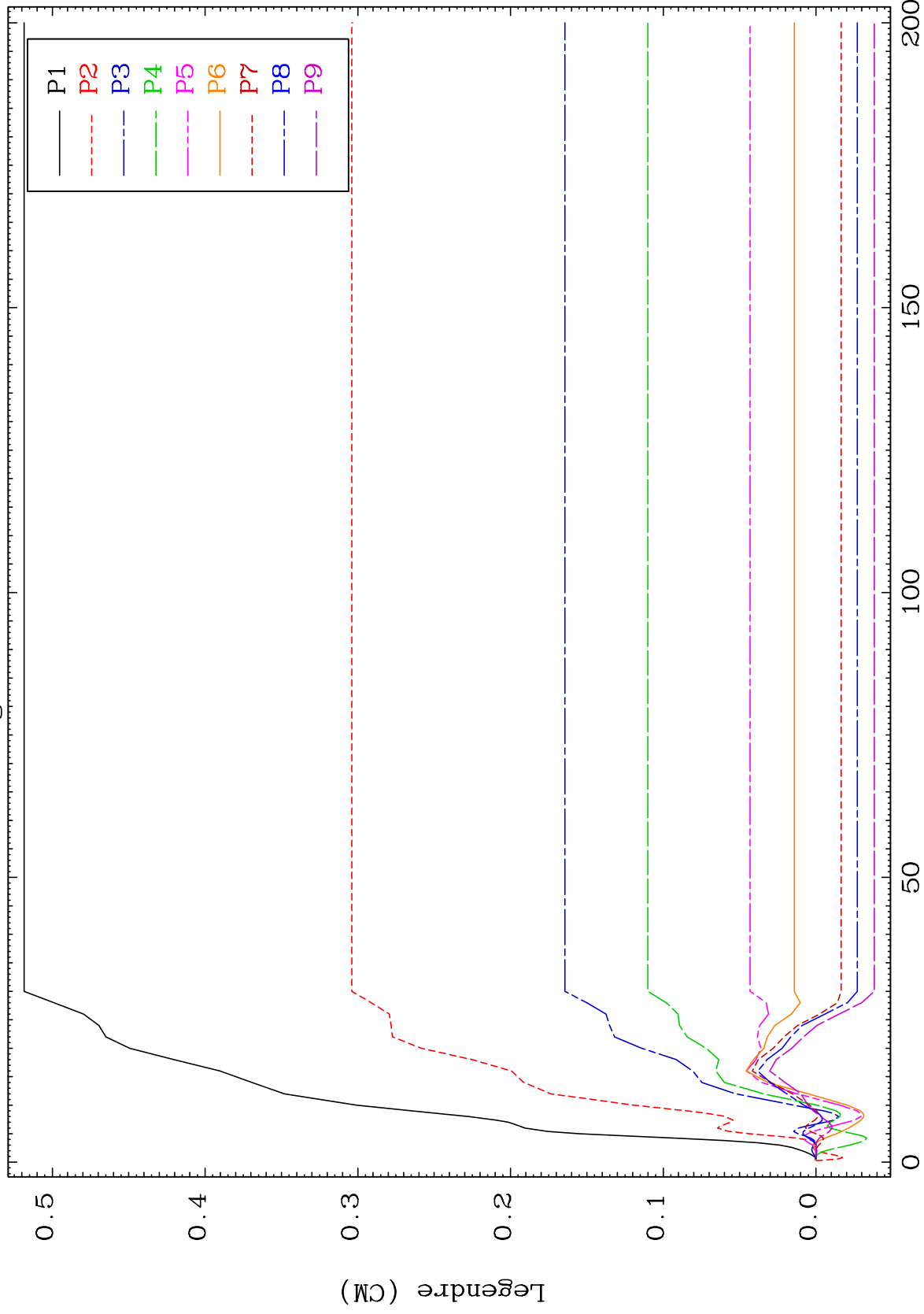
63-Eu-155



MAT 6337

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

63-Eu-155



39

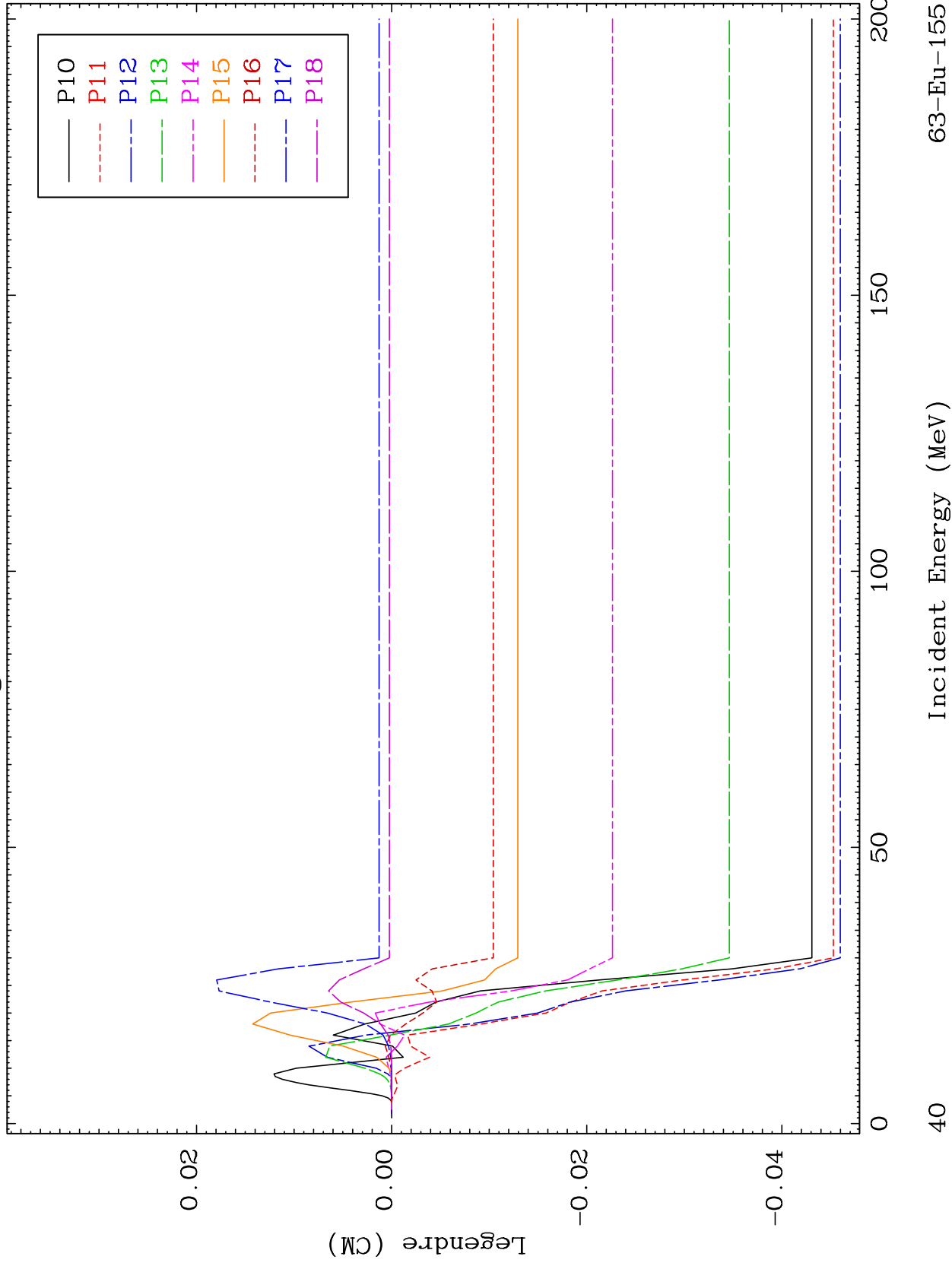
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MAT 6337

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

63-Eu-155



63-Eu-155

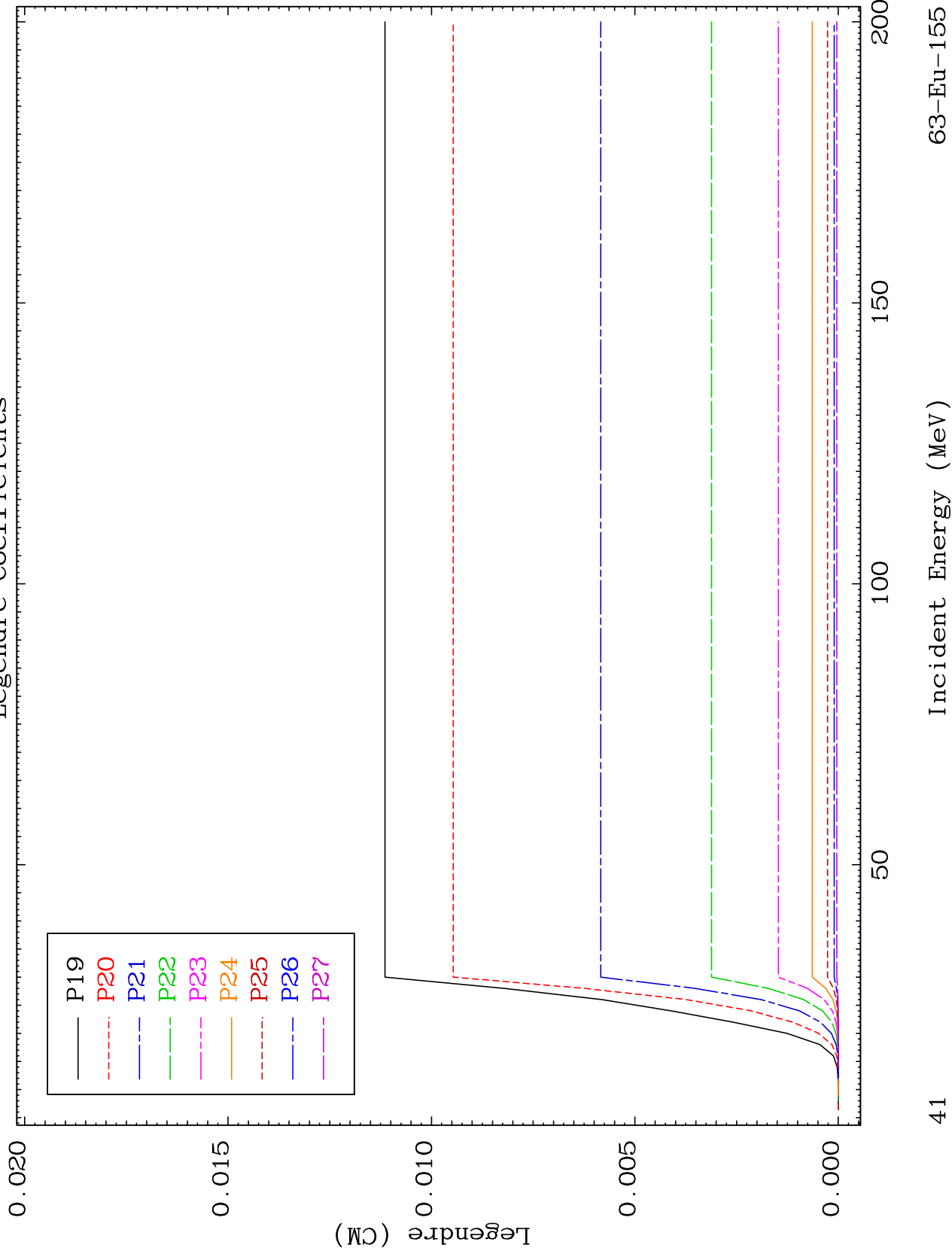
Incident Energy (MeV)

40

MAT 6337

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

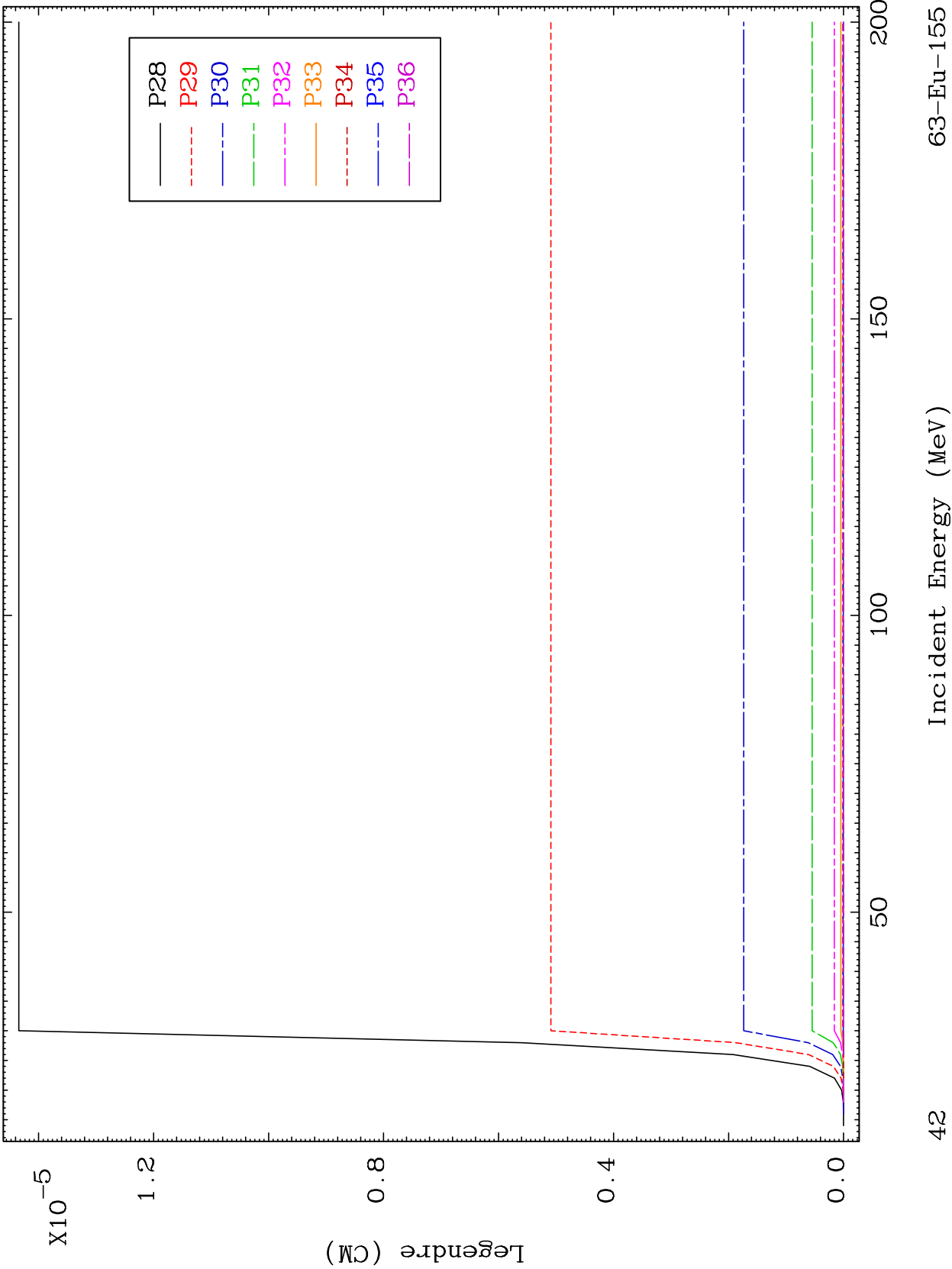
63-Eu-155



MAT 6337

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

63-Eu-155



42

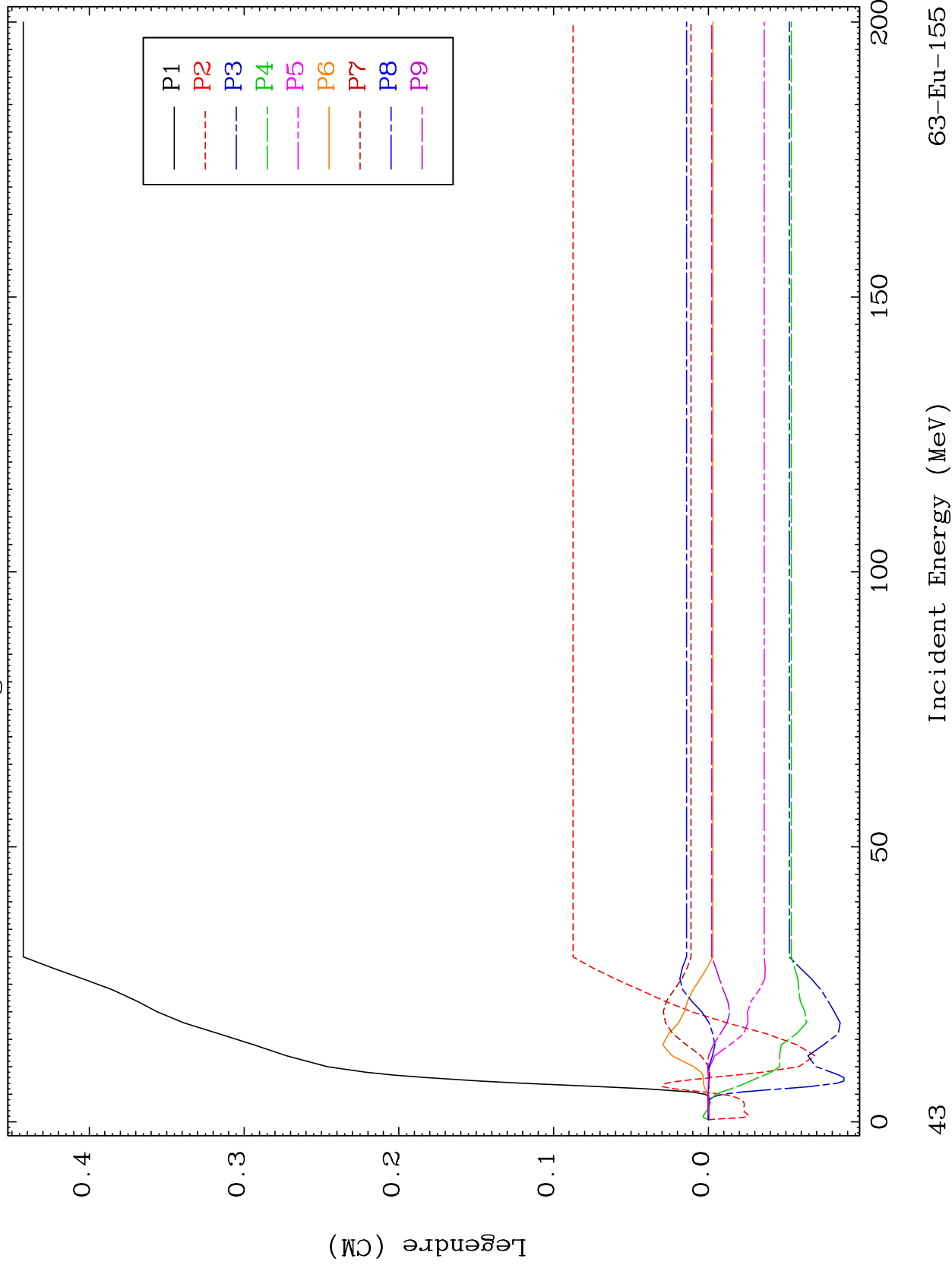
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



63-Eu-155

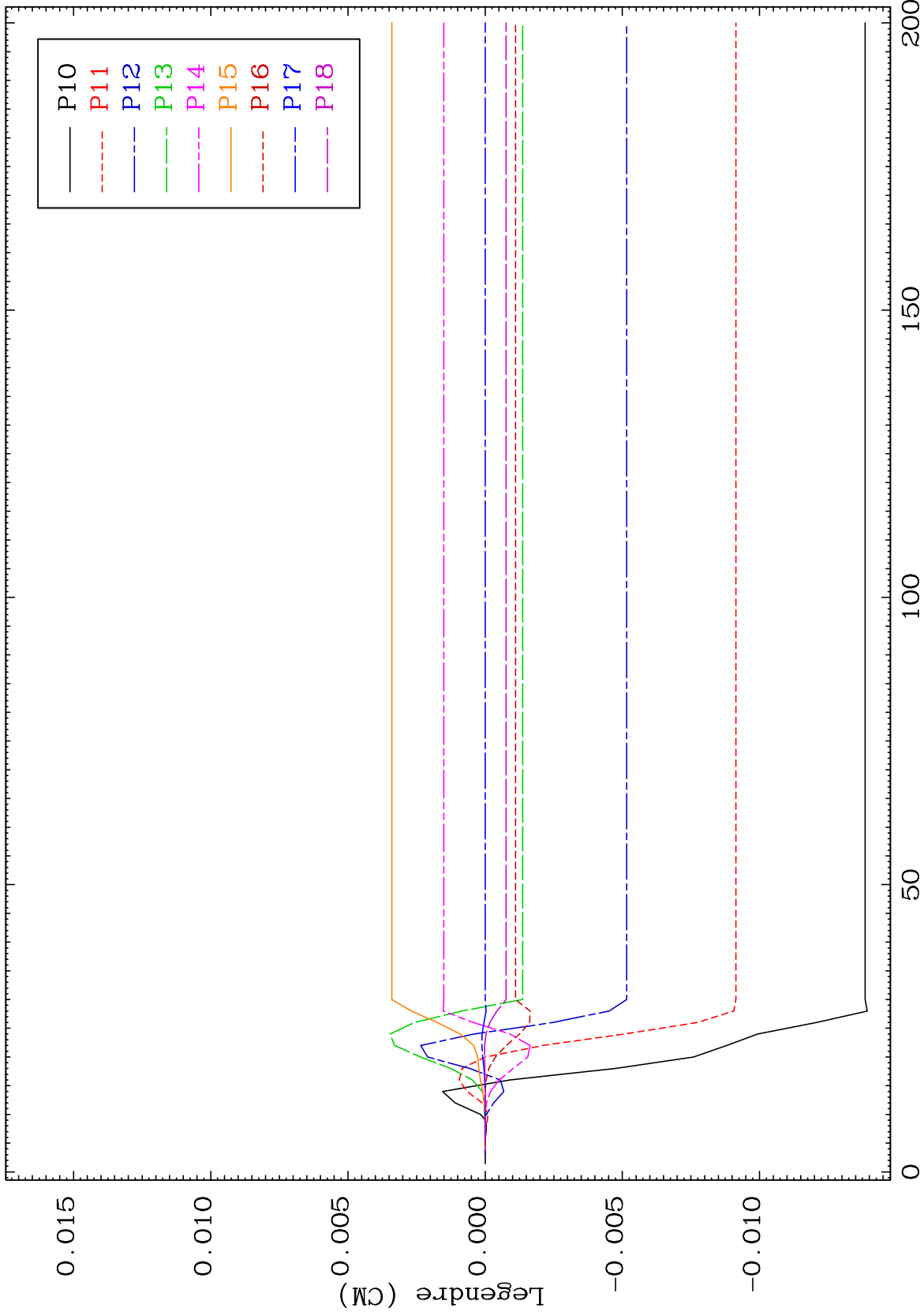
Incident Energy (MeV)

43

MAT 6337

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

63-Eu-155



44

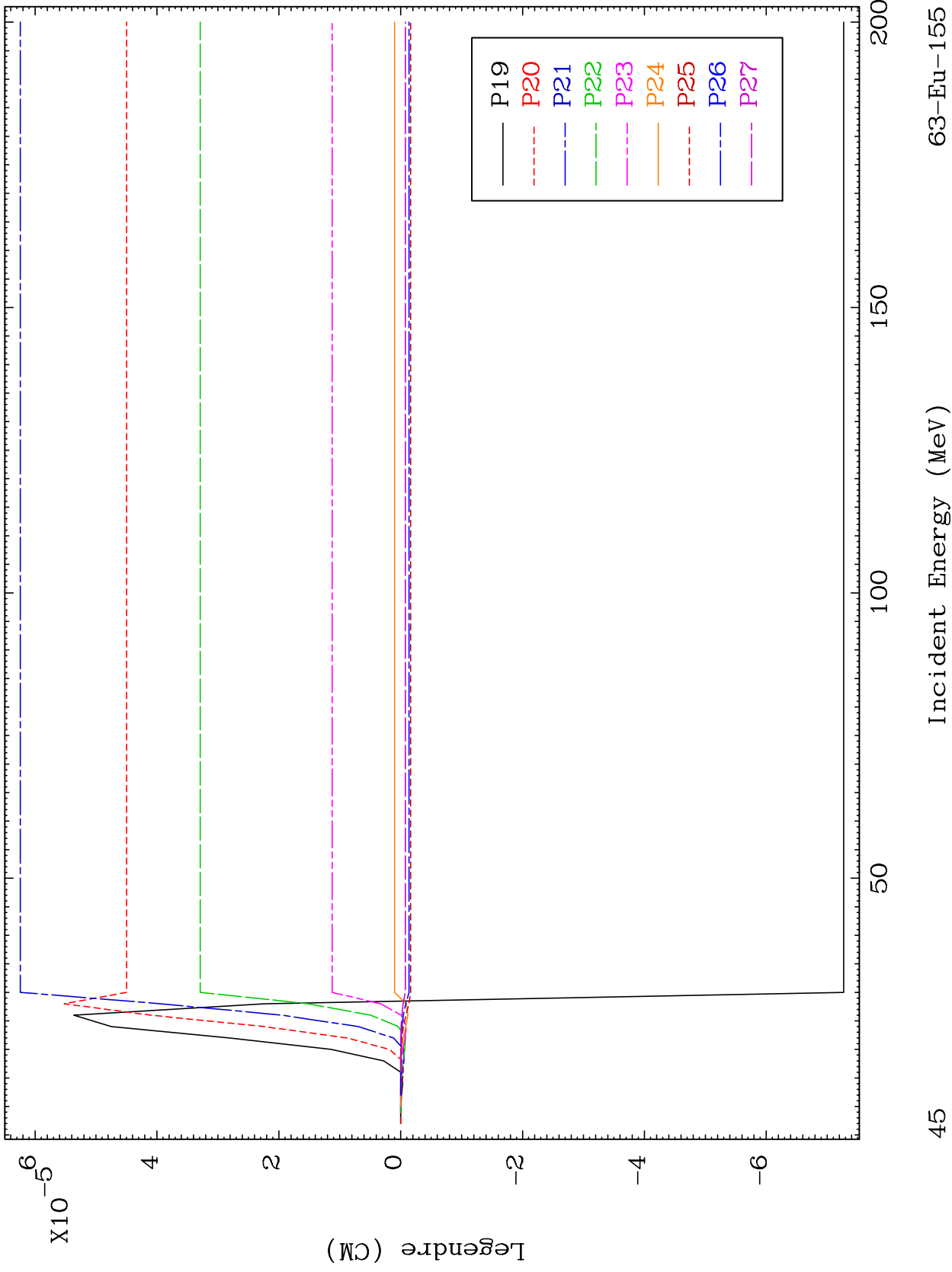
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



45

Incident Energy (MeV)

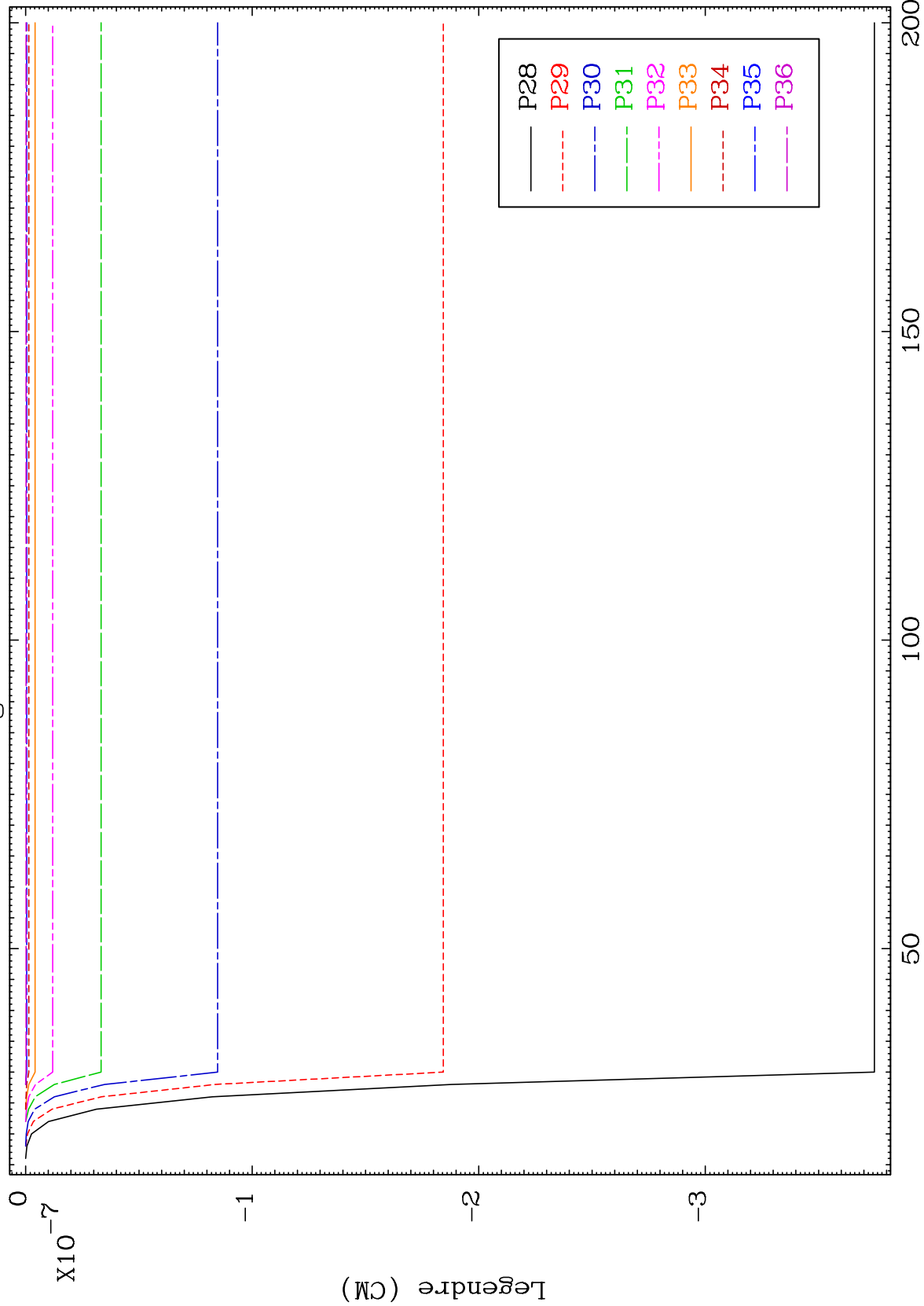
63-Eu-155

MAT 6337

MT= 57 (n,n') Level

63-Eu-155

Legendre Coefficients



46

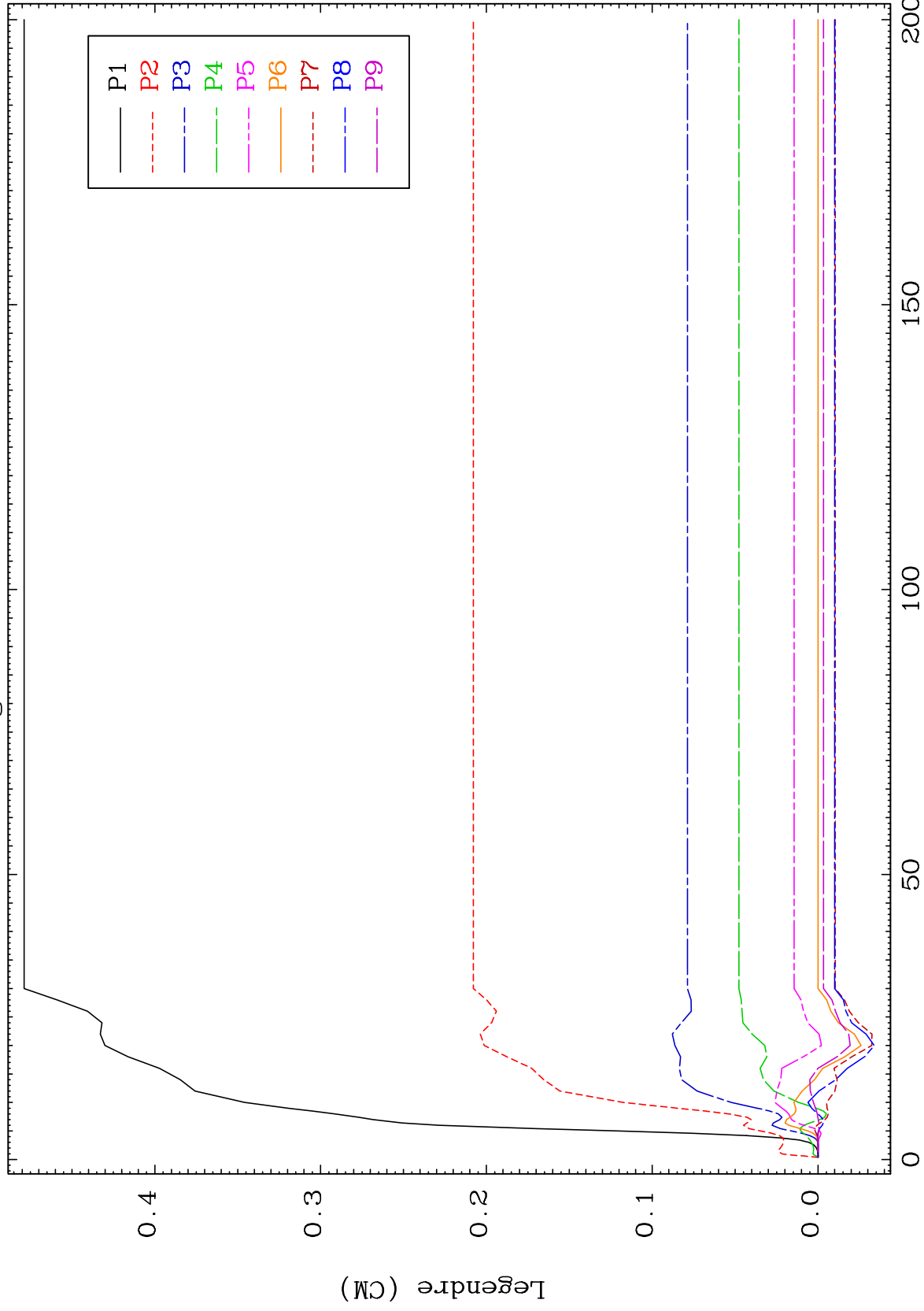
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



47

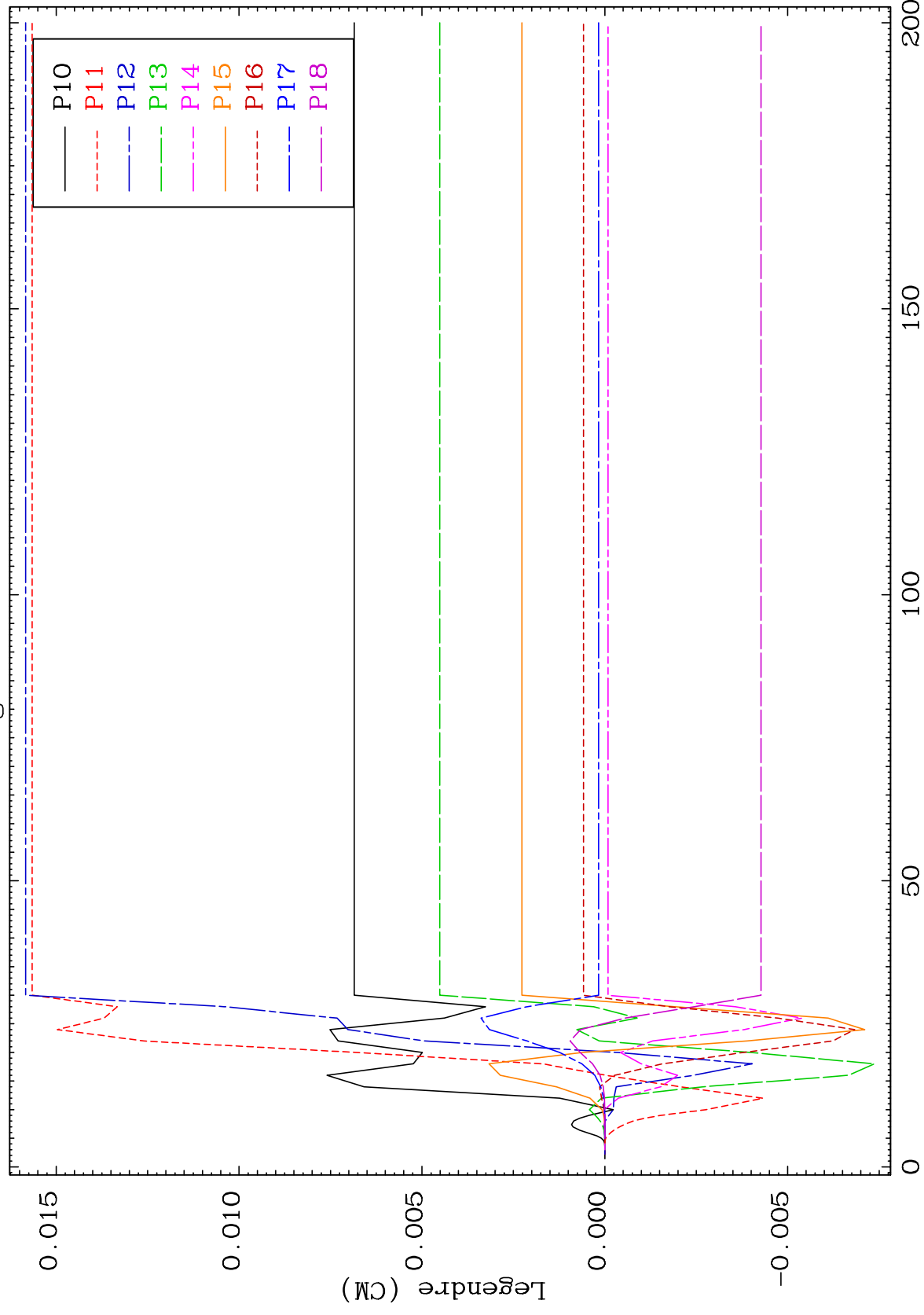
63-Eu-155



MAT 6337

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

63-Eu-155



48

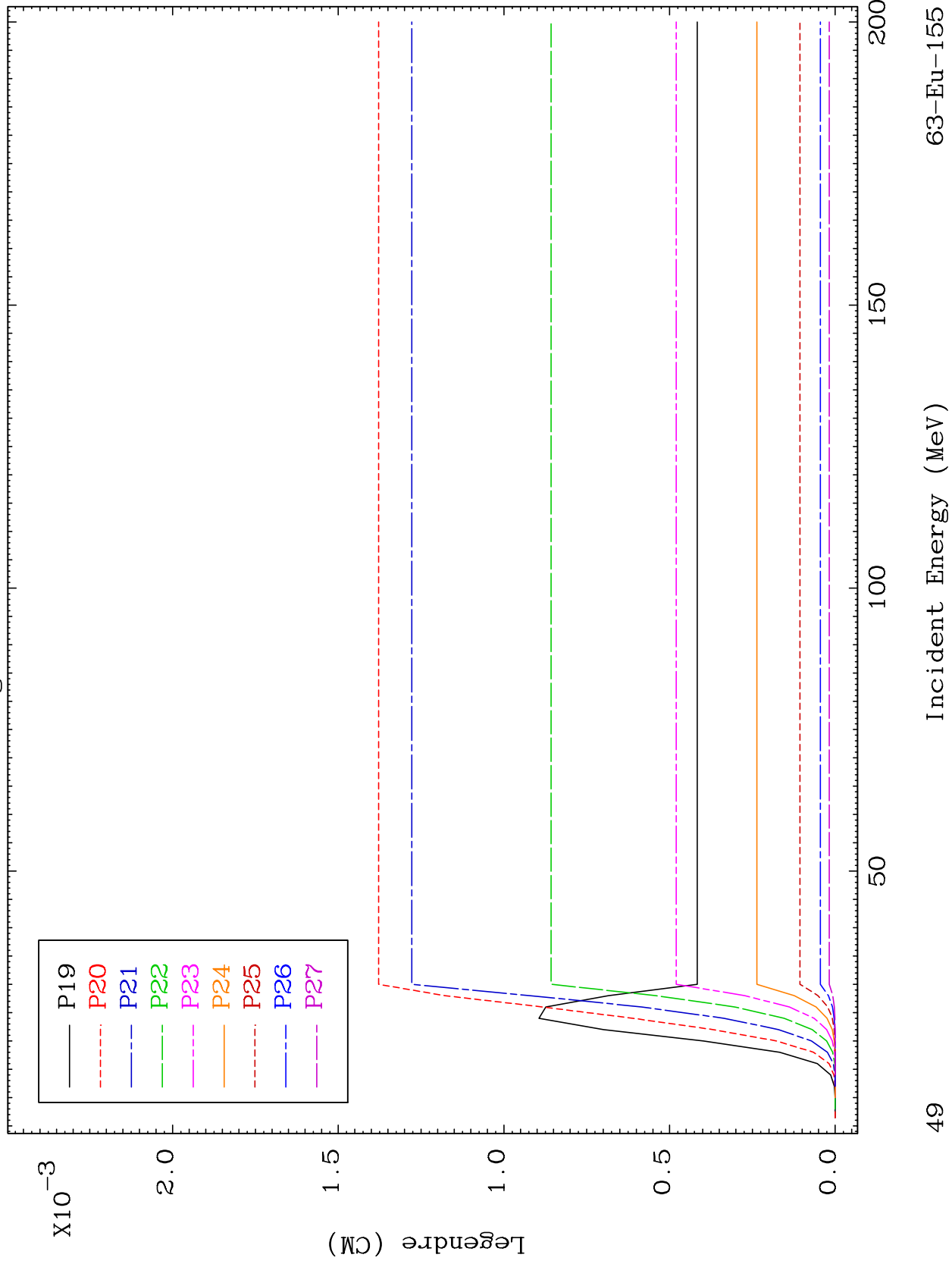
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



49

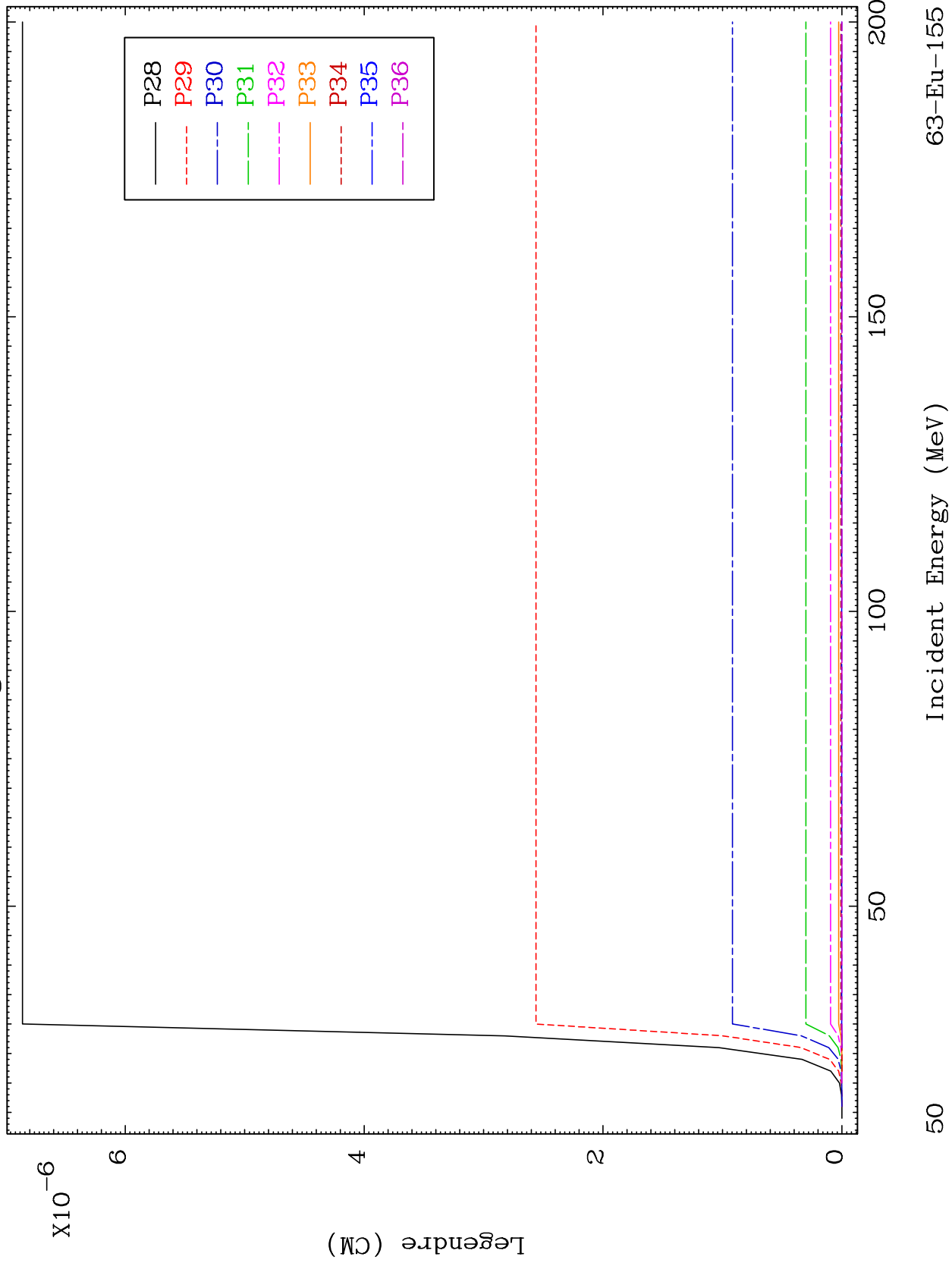
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

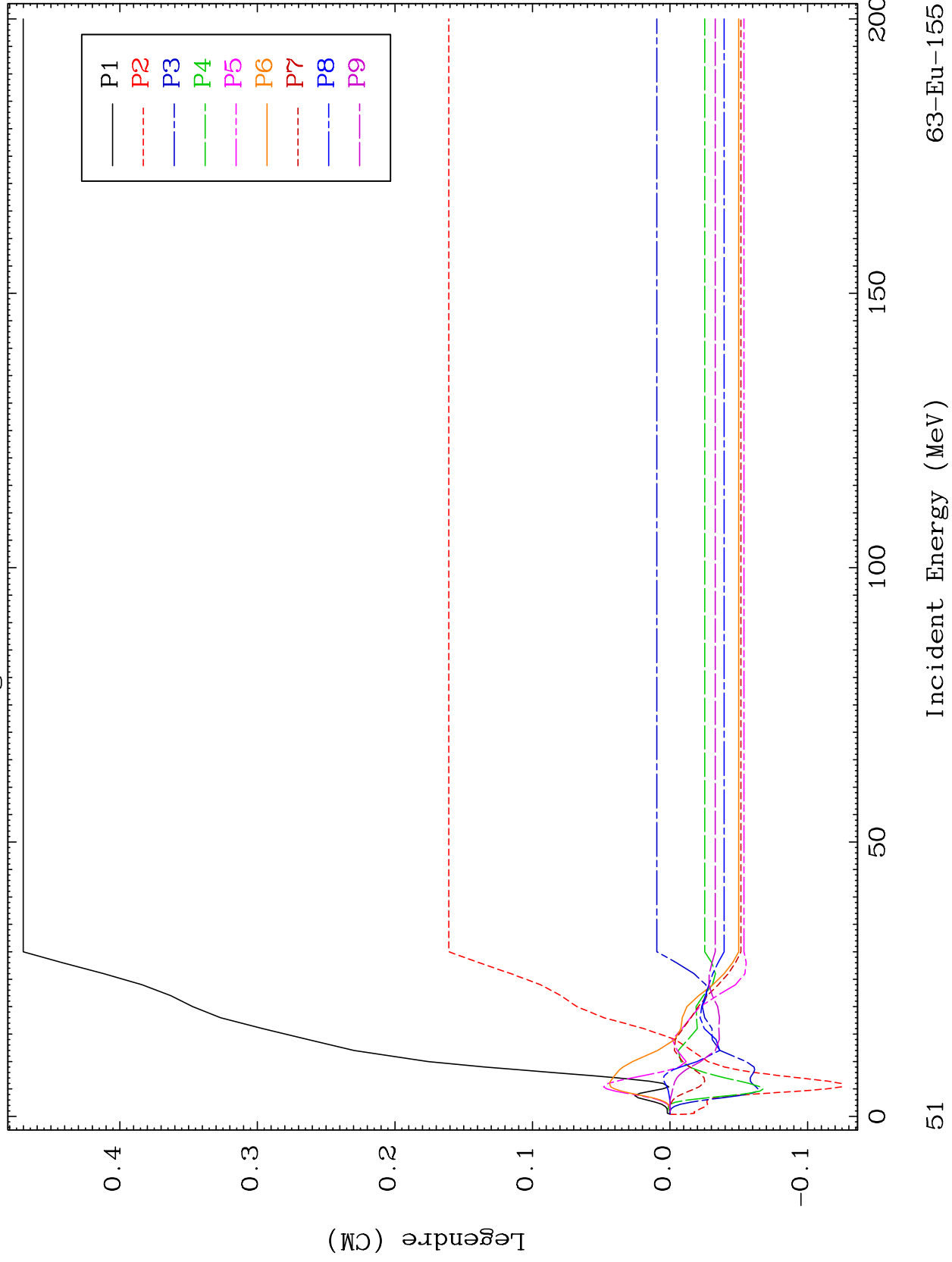
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

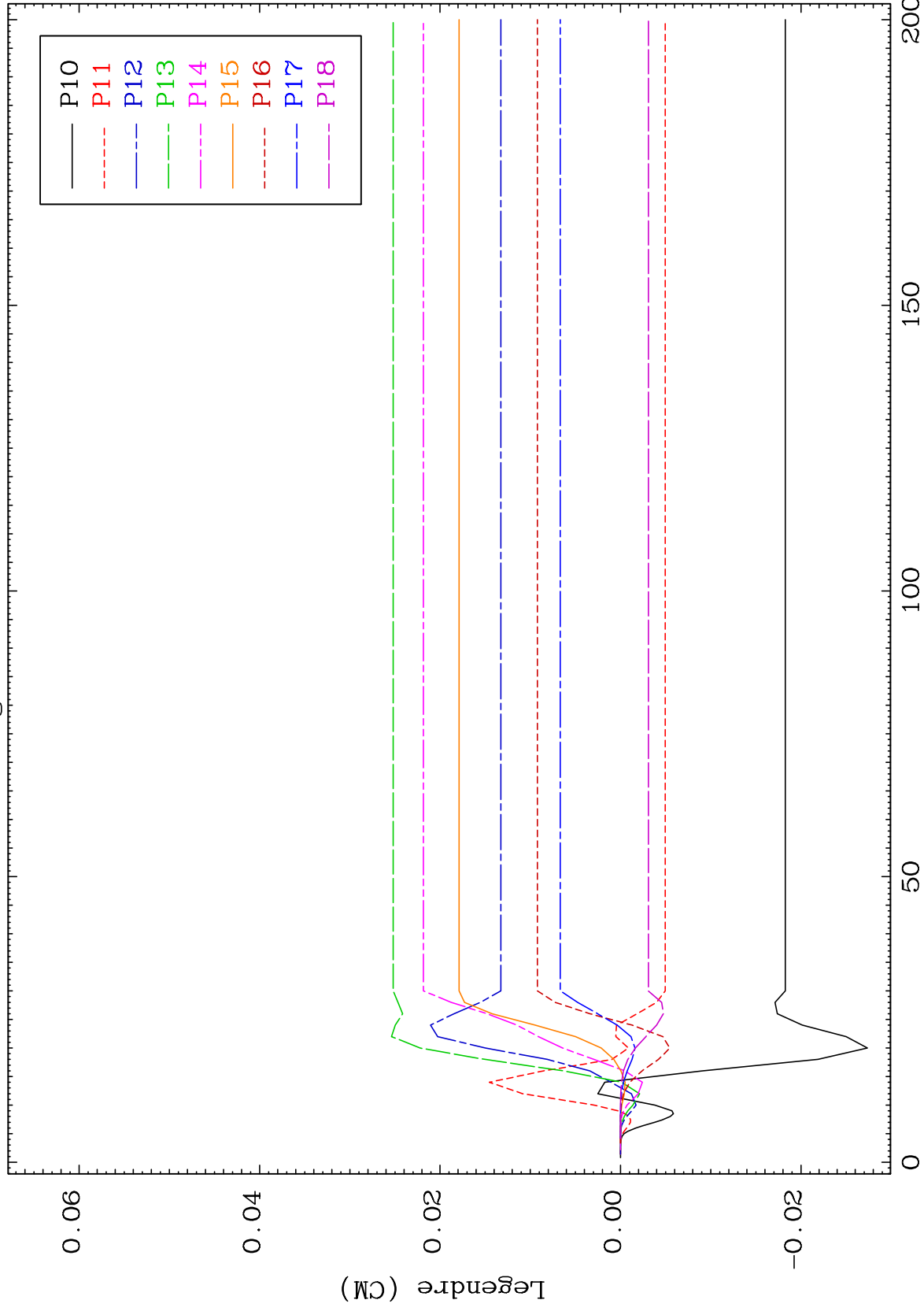
Incident Energy (MeV)

51

MAT 6337

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

63-Eu-155



52

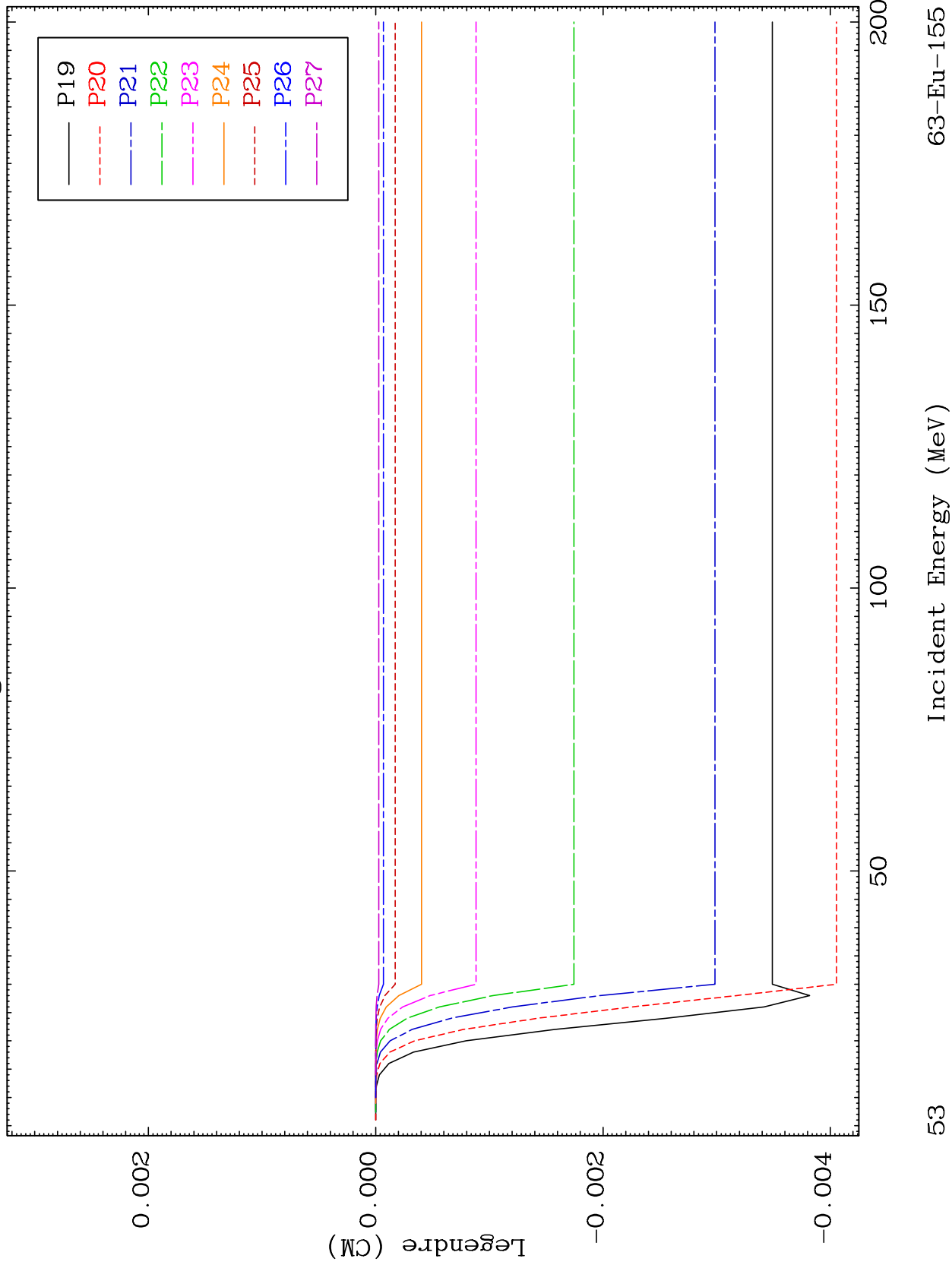
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



53

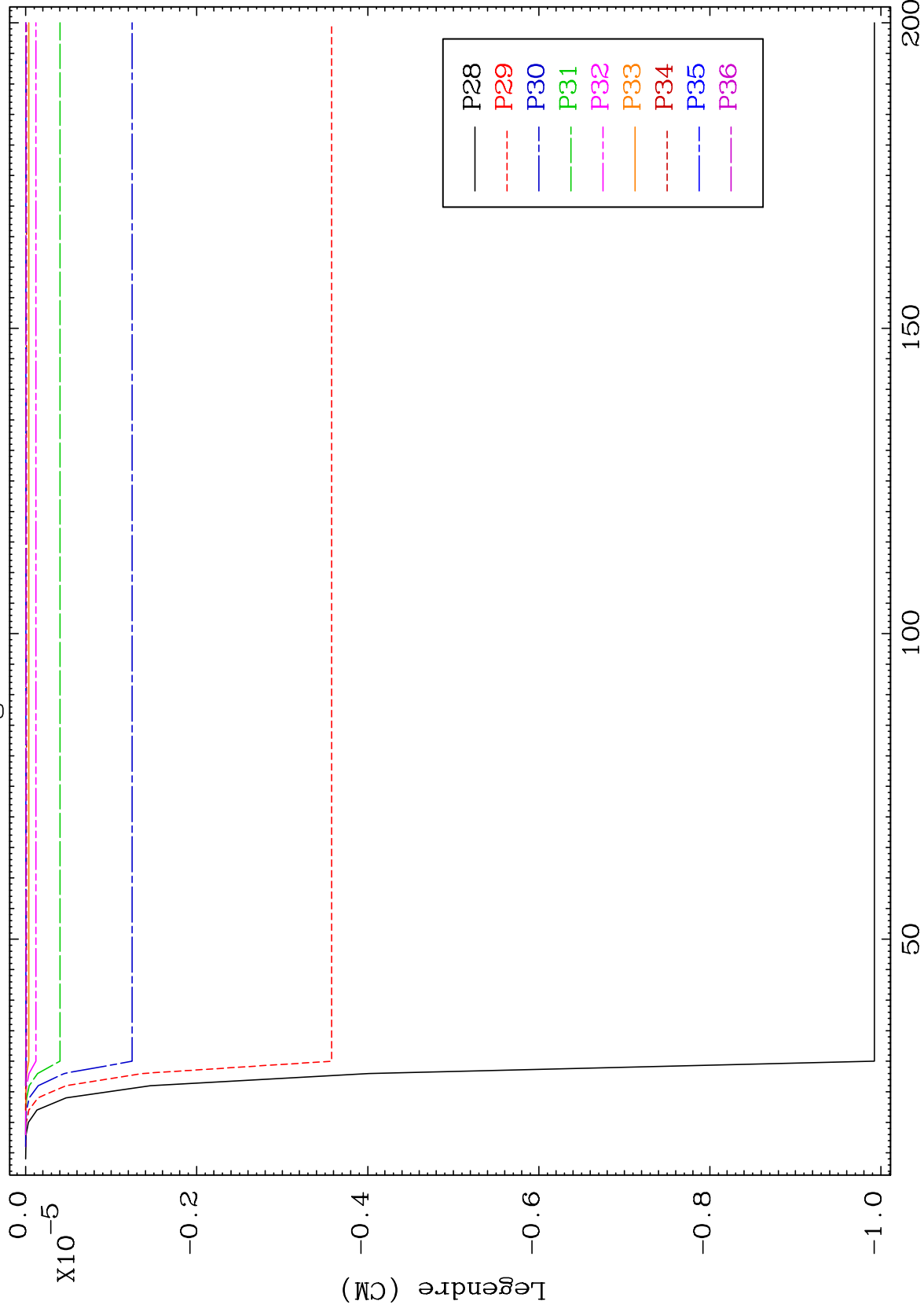
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



54

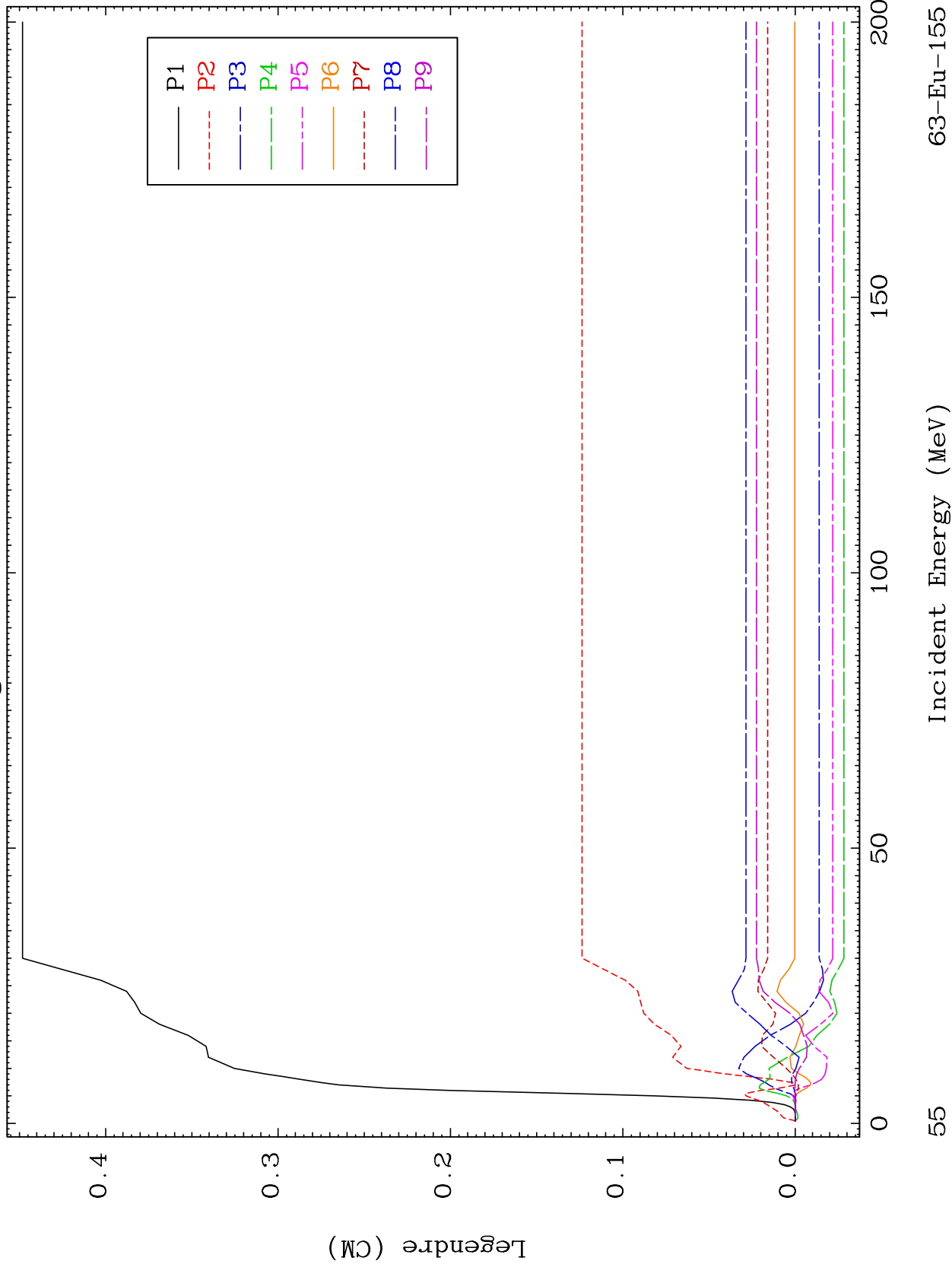
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



55

Incident Energy (MeV)

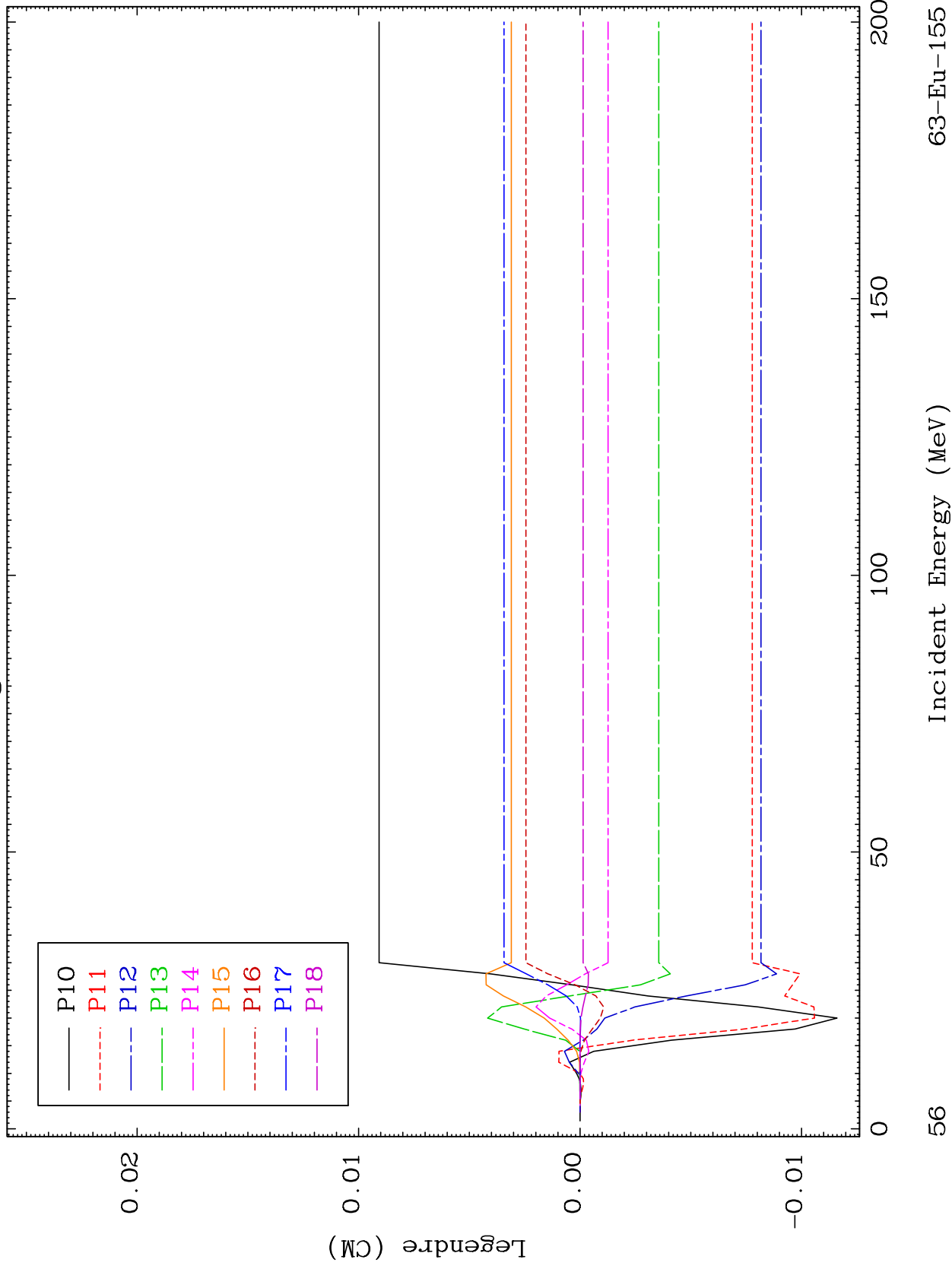
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

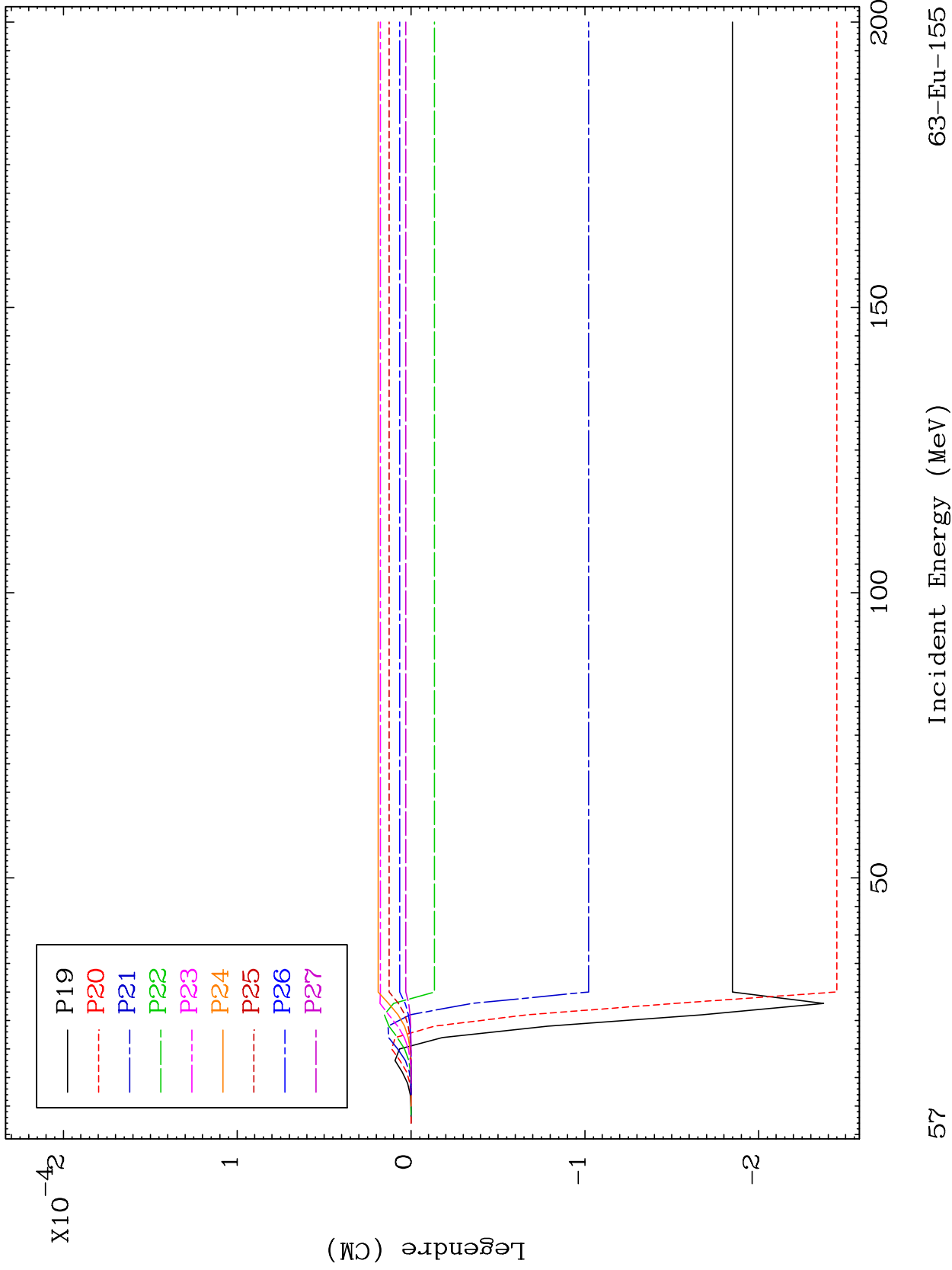
Incident Energy (MeV)

56

MAT 6337

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

63-Eu-155



57

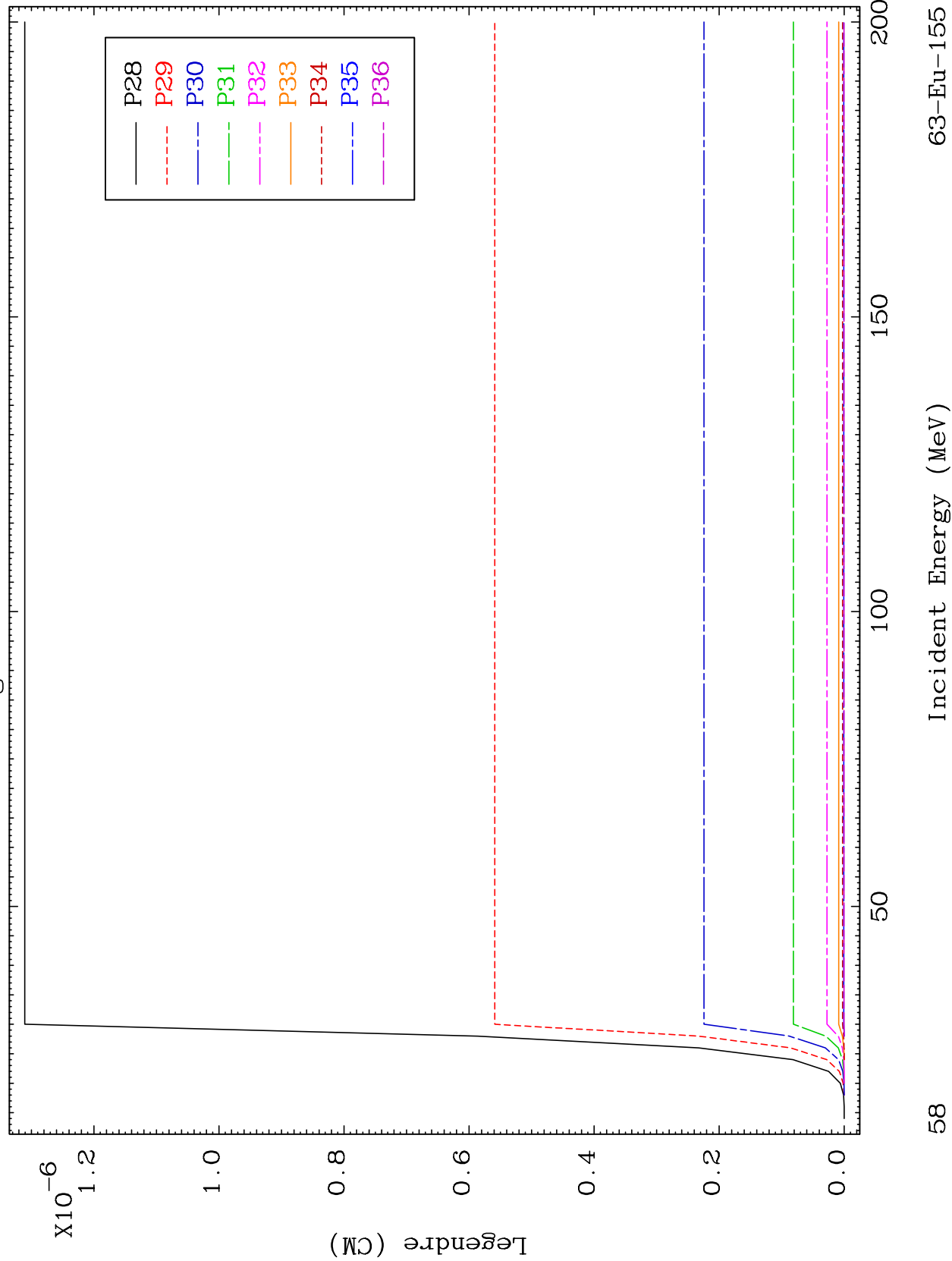
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



58

Incident Energy (MeV)

63-Eu-155

200

150

100

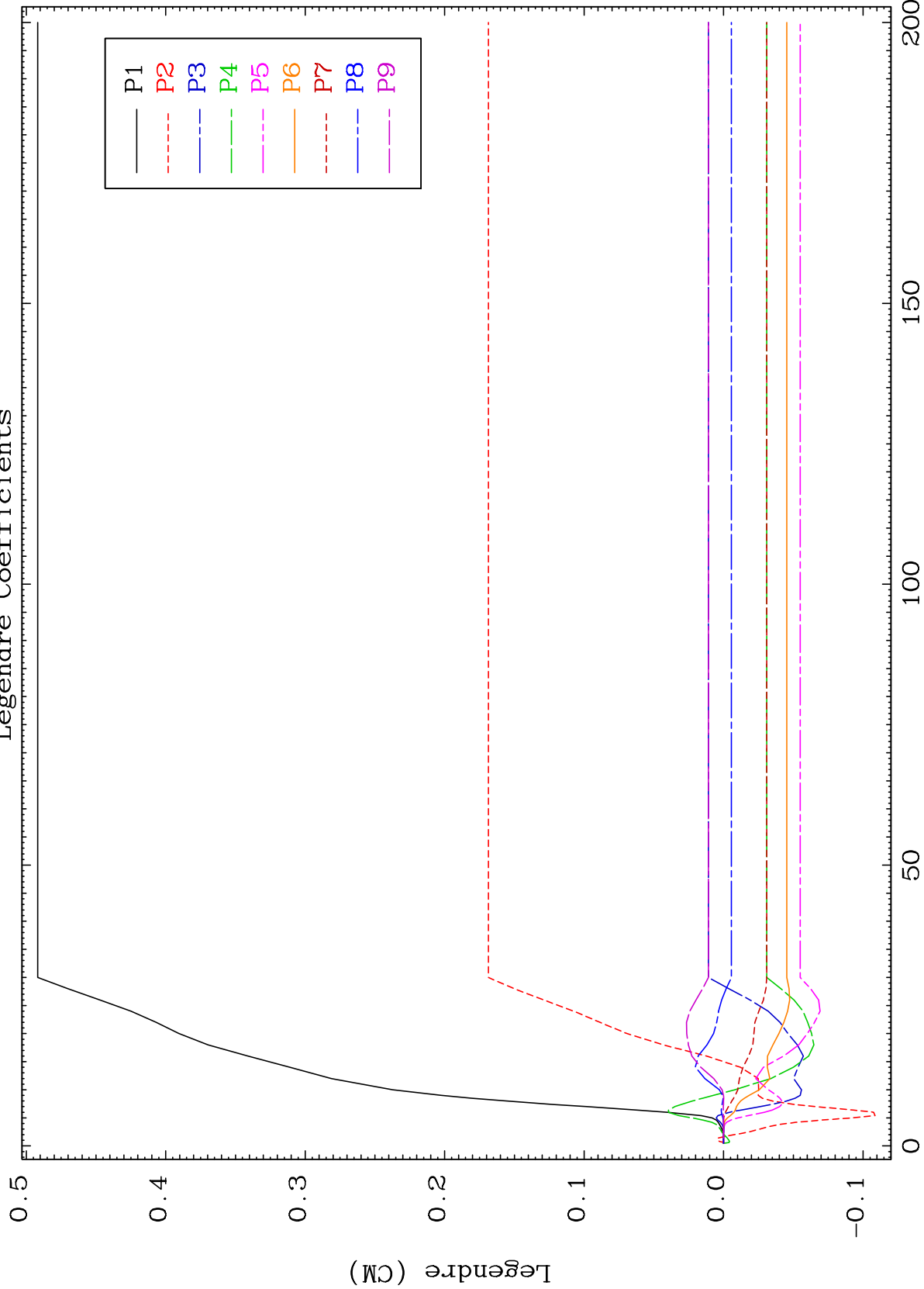
50

MAT 6337

MT= 61 (n,n') Level

63-Eu-155

Legendre Coefficients



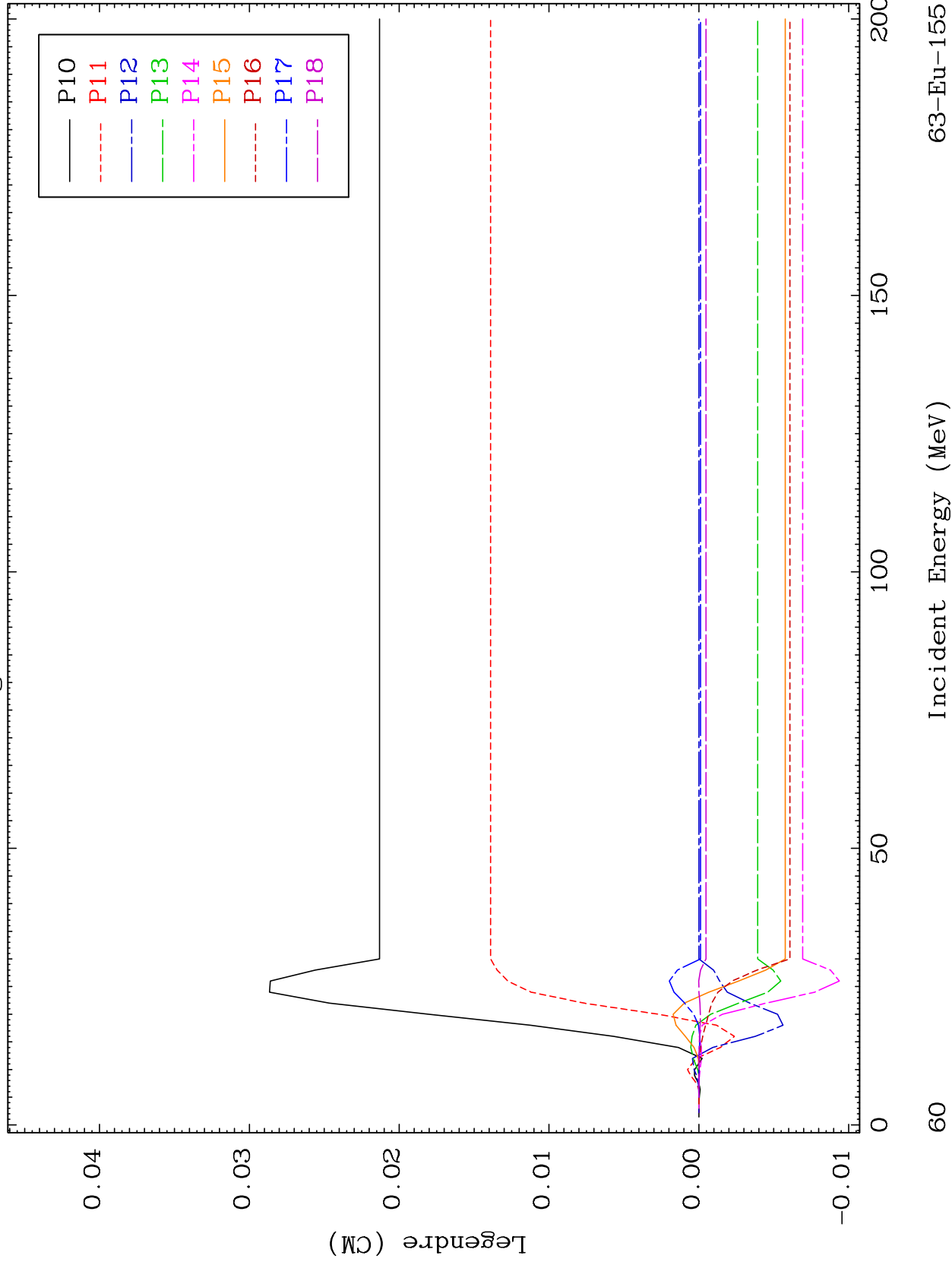
59

63-Eu-155

MAT 6337

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

63-Eu-155

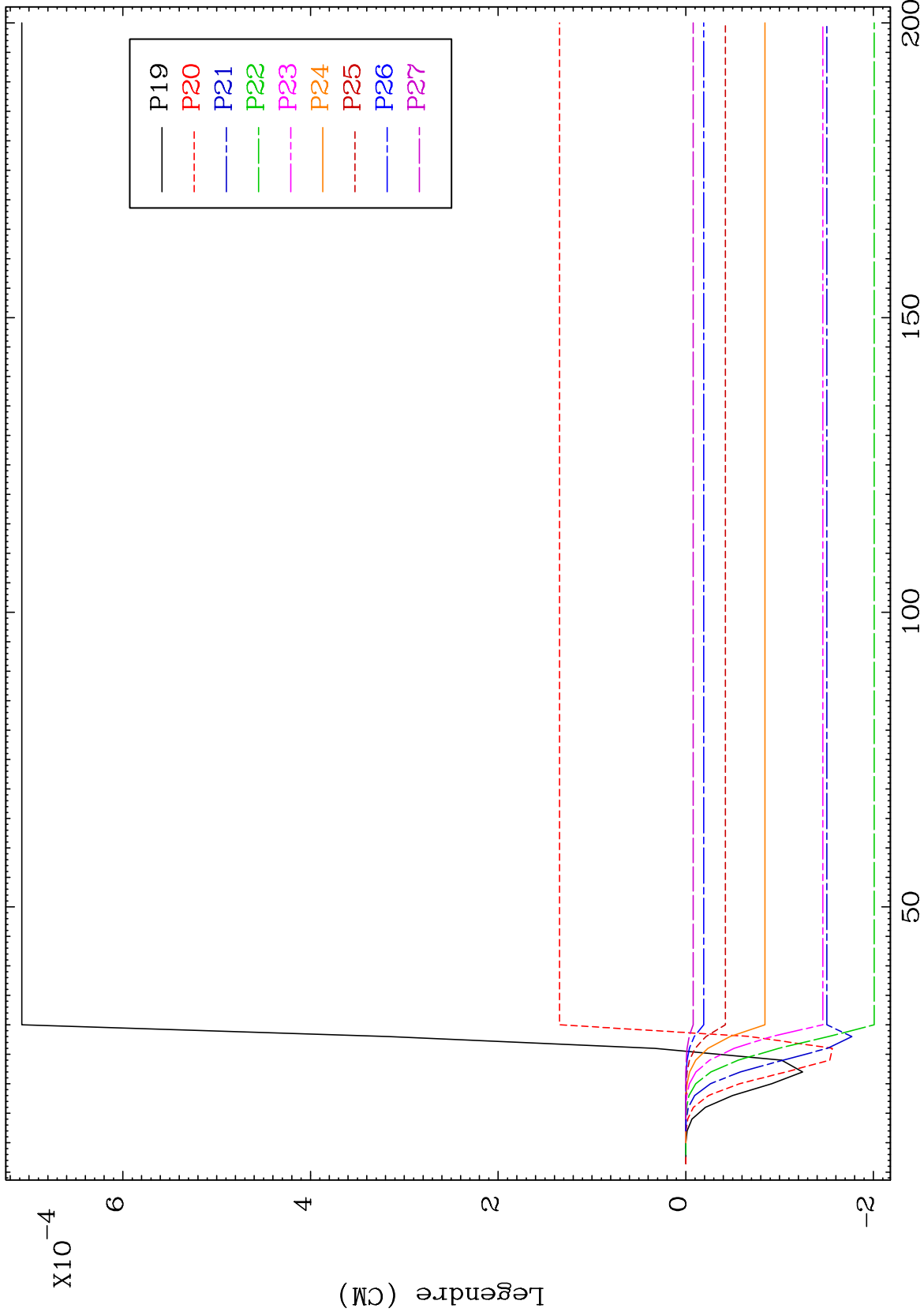


63-Eu-155

MAT 6337

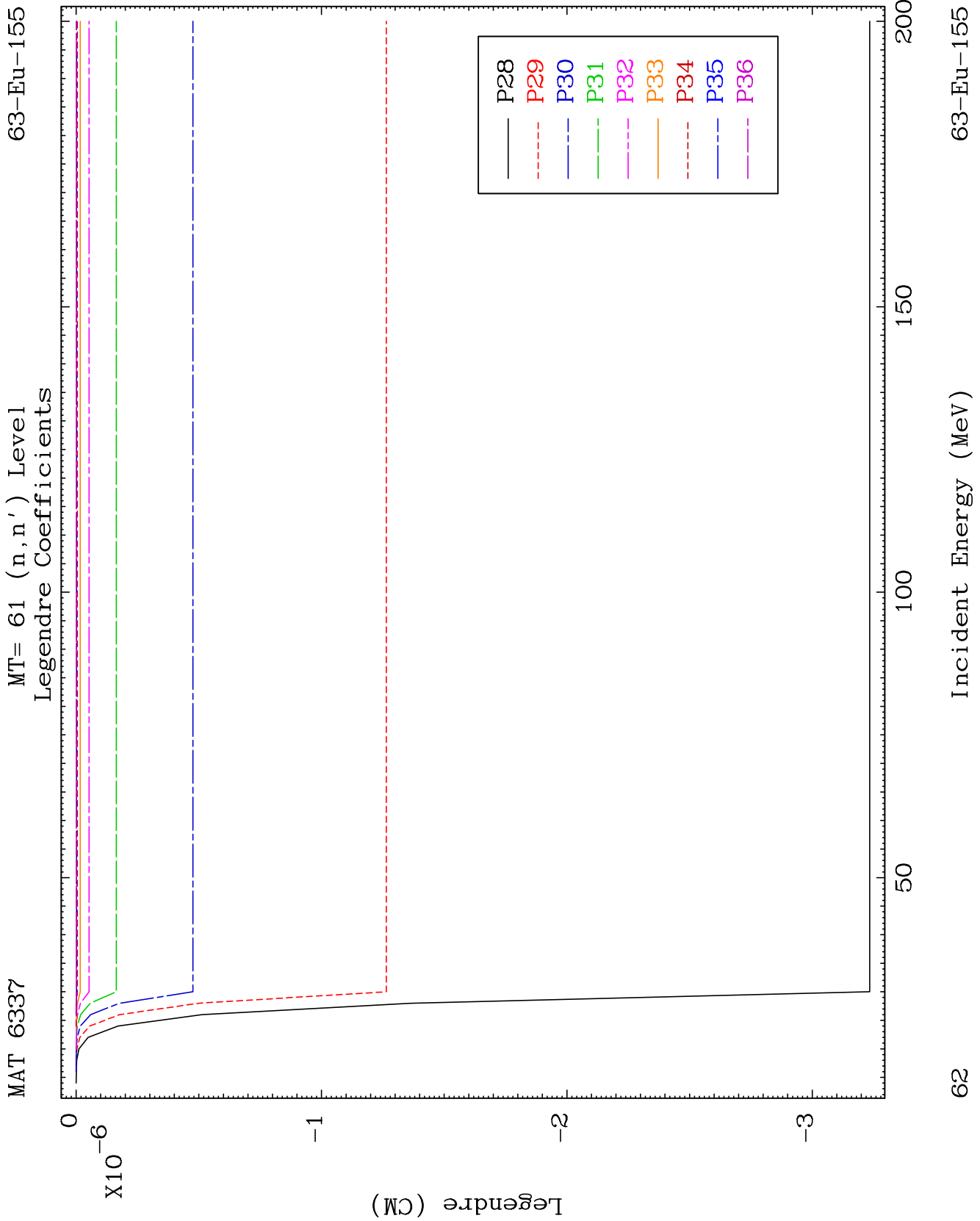
MT= 61 (n,n') Level  
Legendre Coefficients

63-Eu-155



61

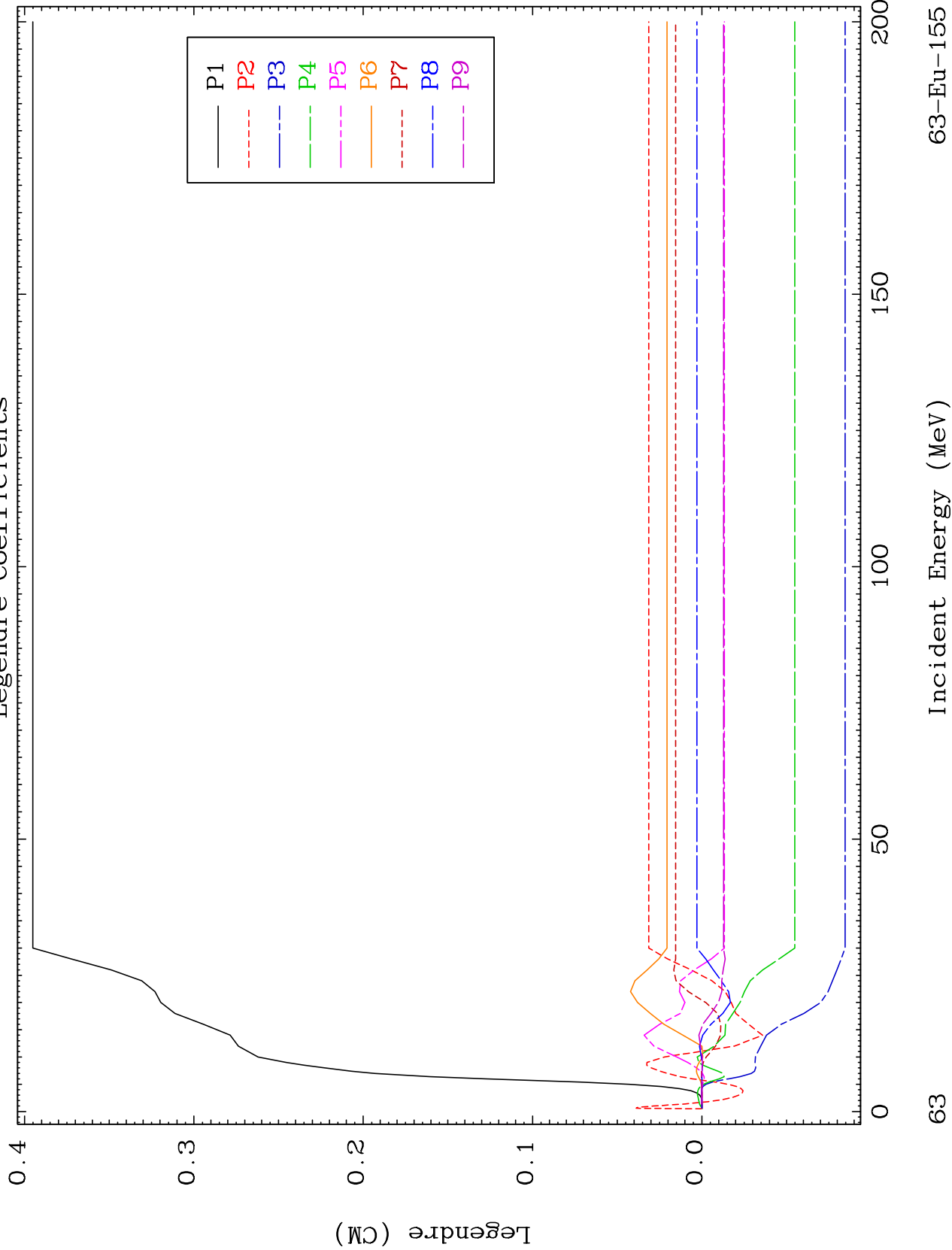
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

Incident Energy (MeV)

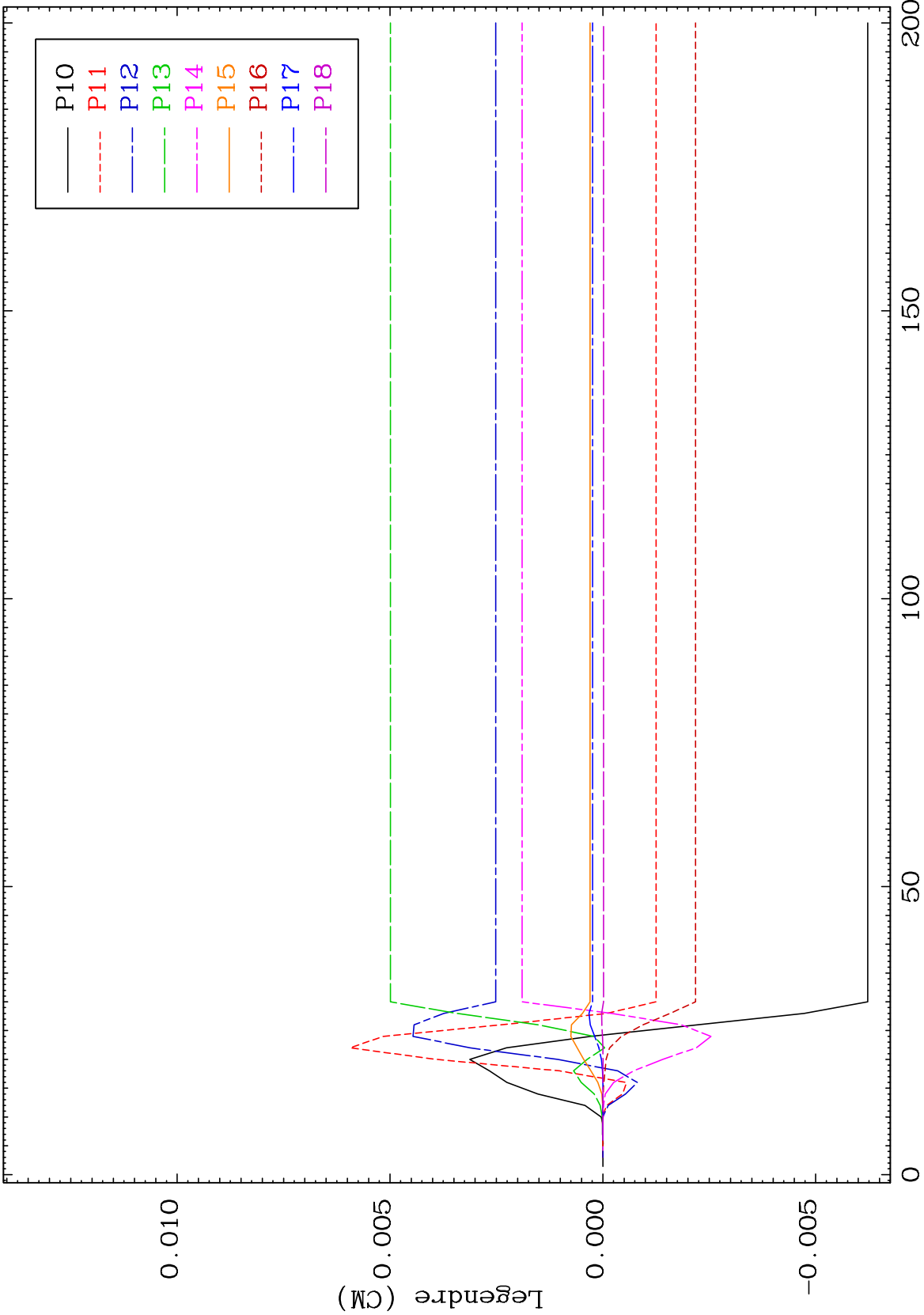
63



MAT 6337

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

63-Eu-155



64

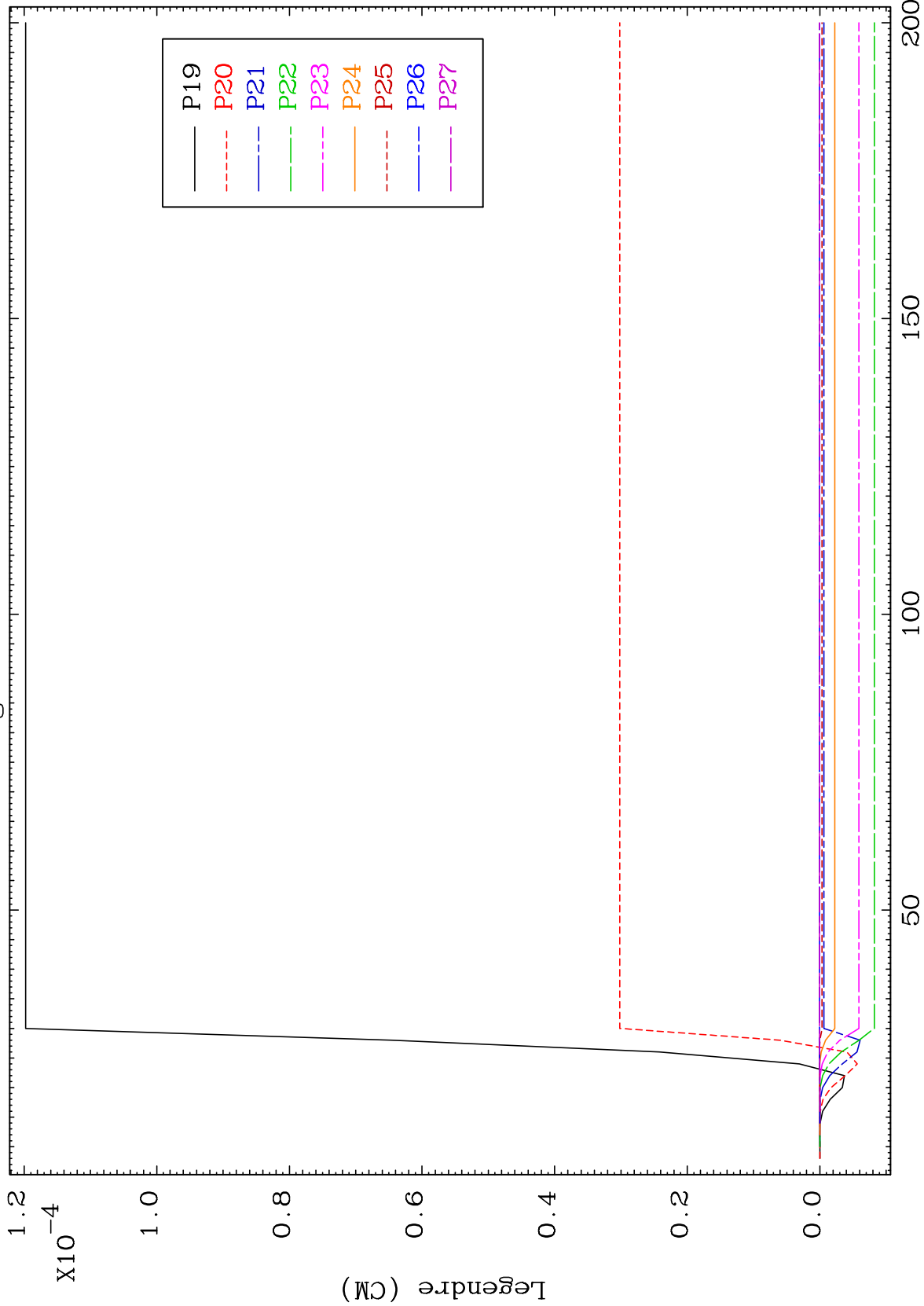
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



65

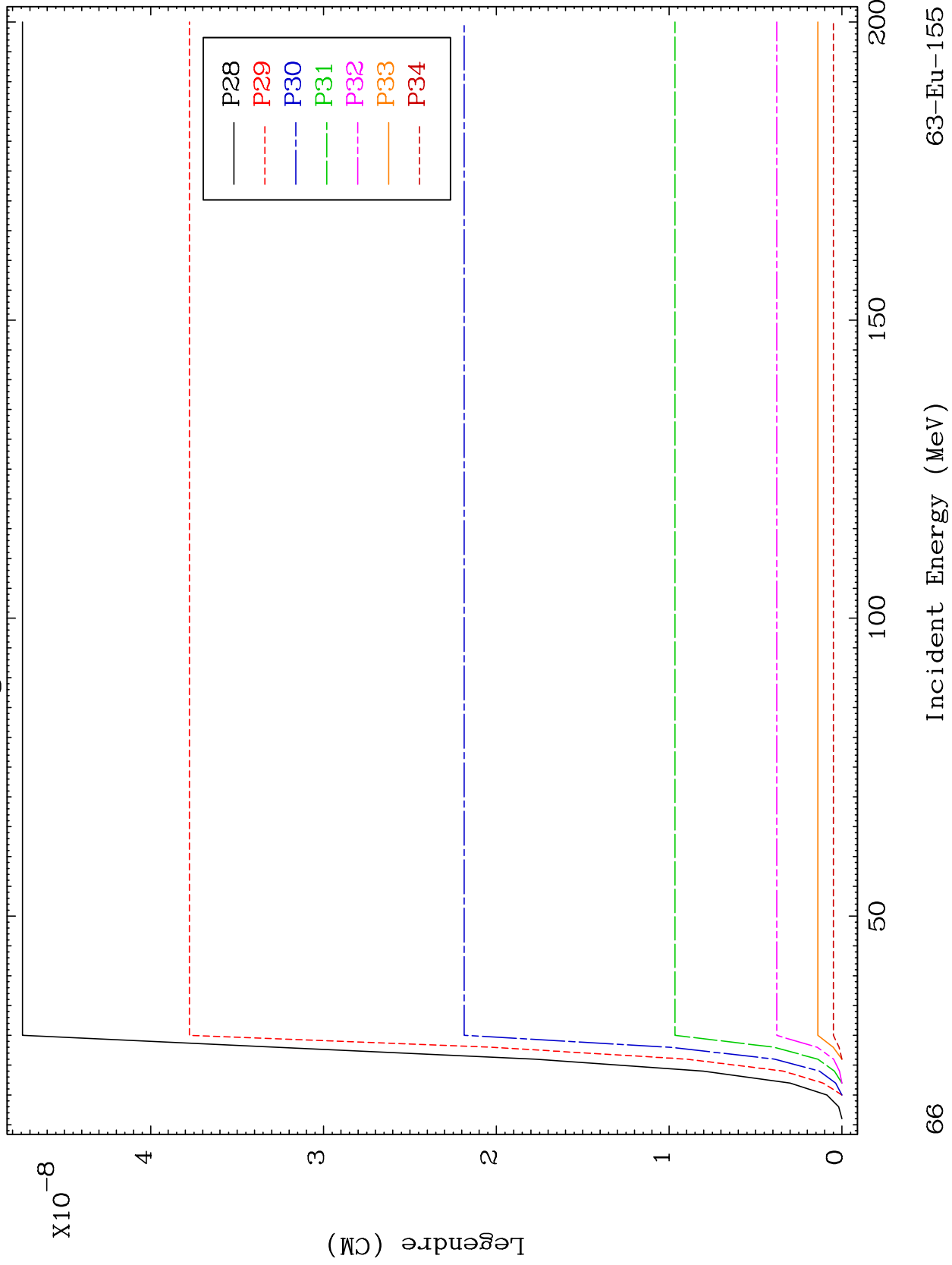
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



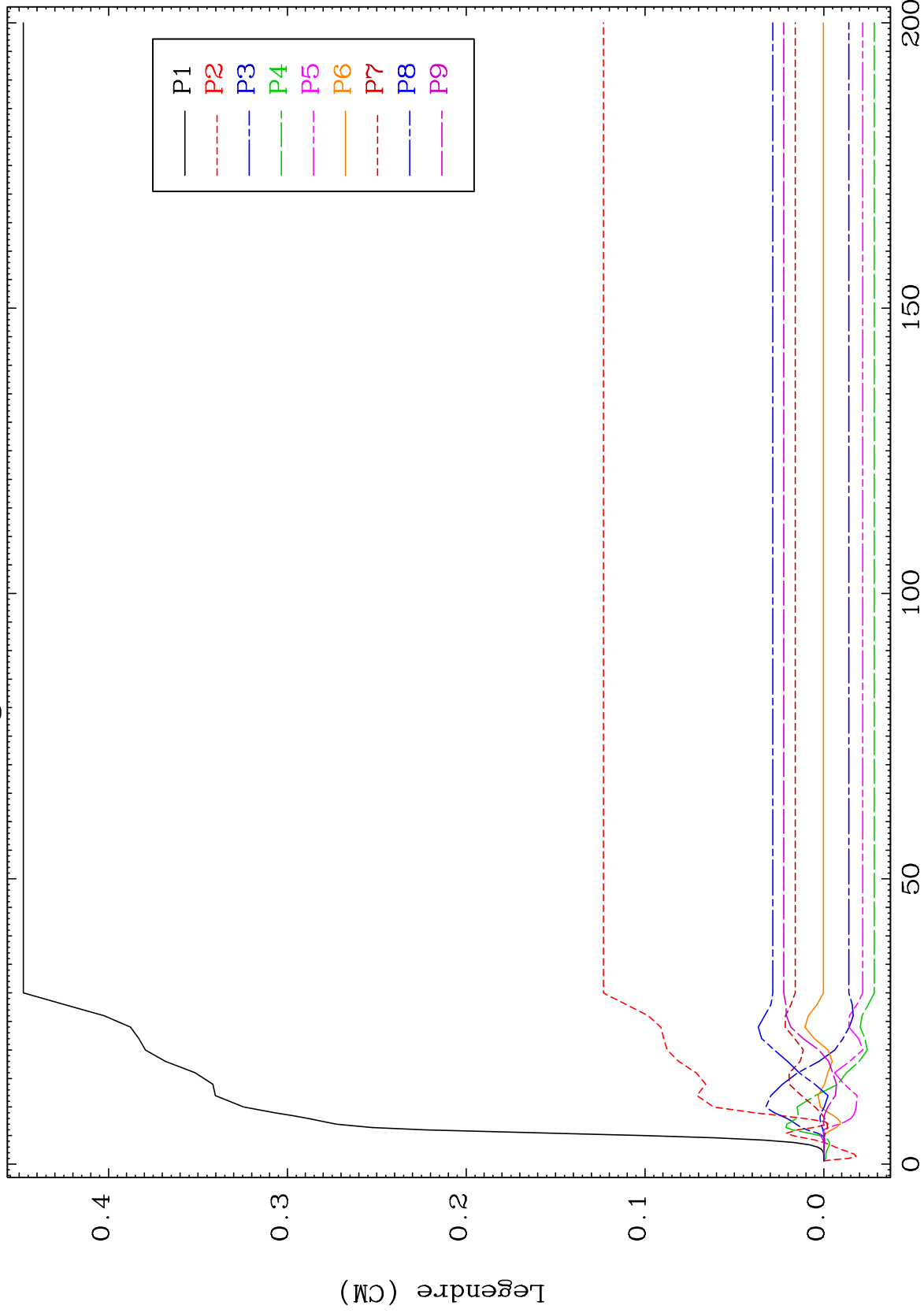
66

63-Eu-155

MAT 6337

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

63-Eu-155



67

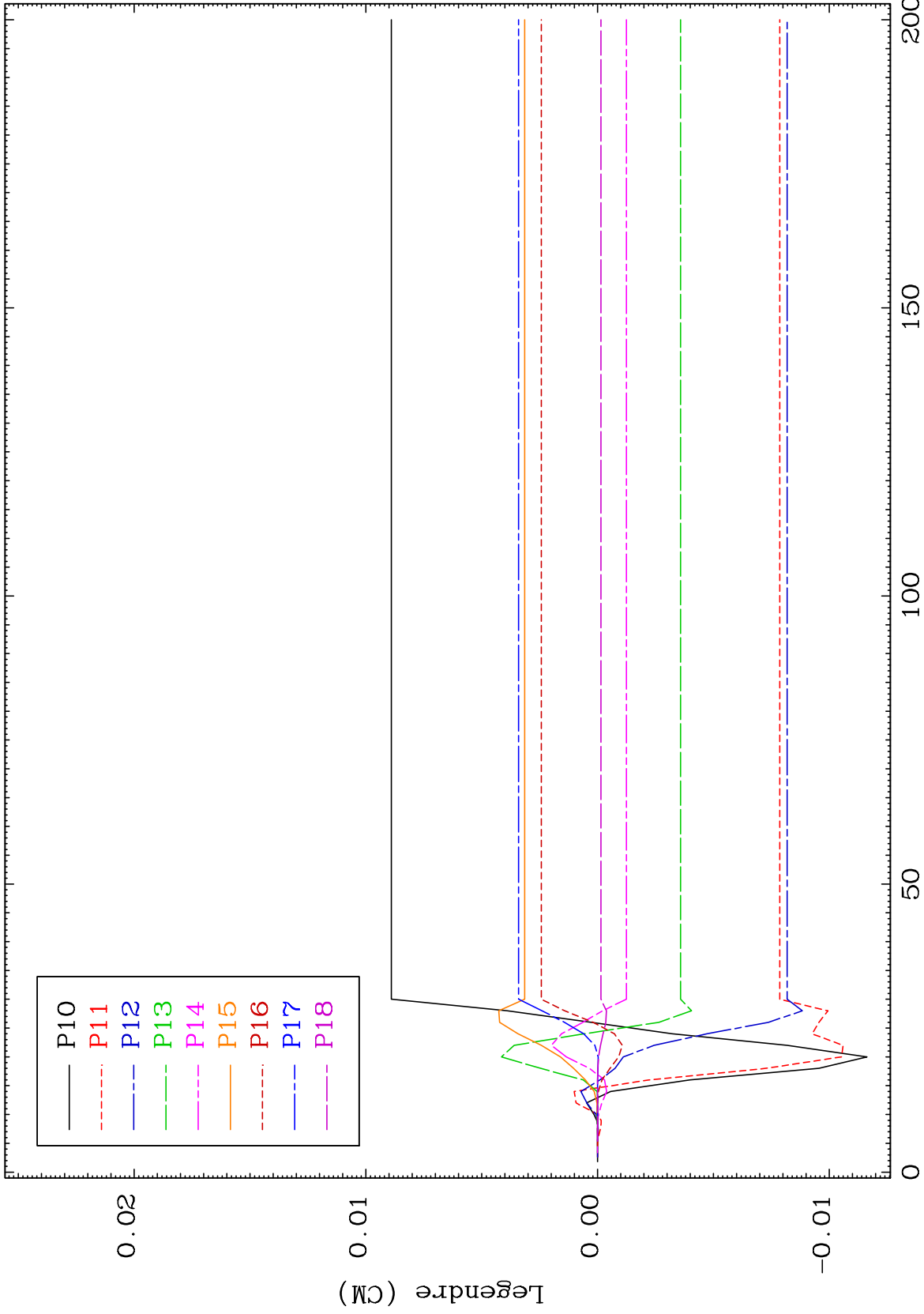
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



68

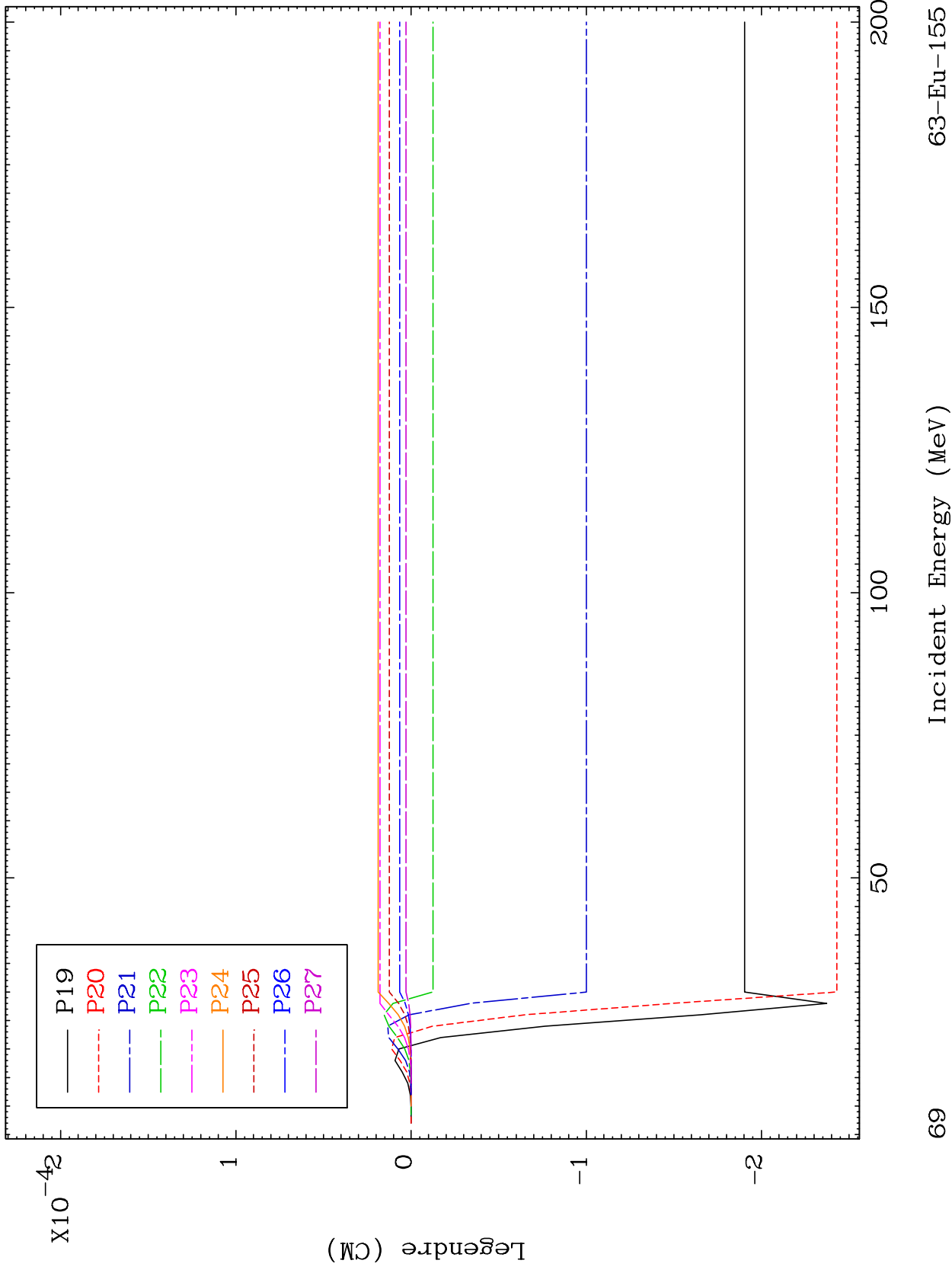
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



69

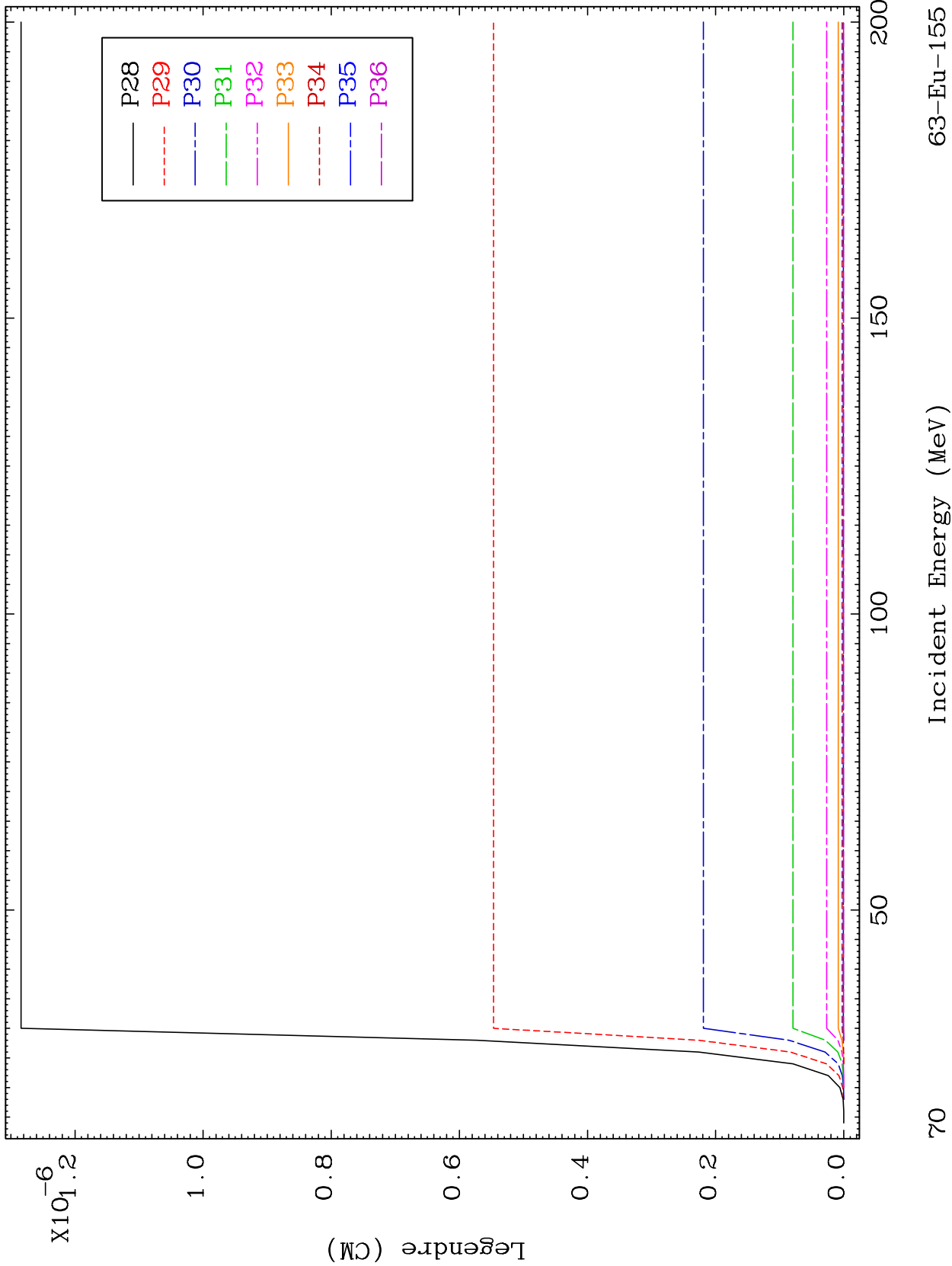
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



70

Incident Energy (MeV)

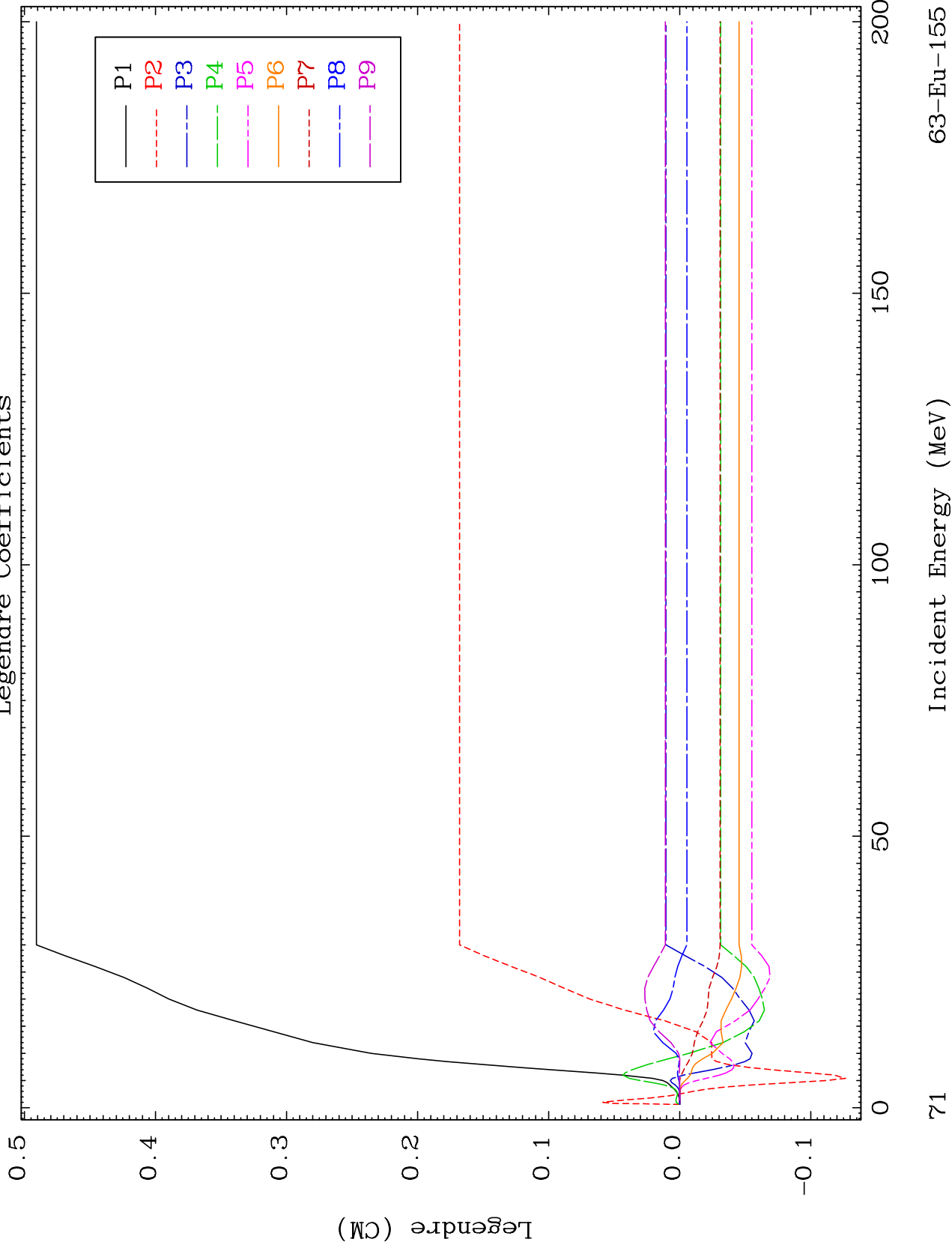
63-Eu-155

MAT 6337

MT= 64 (n,n') Level

63-Eu-155

Legendre Coefficients



71

Incident Energy (MeV)

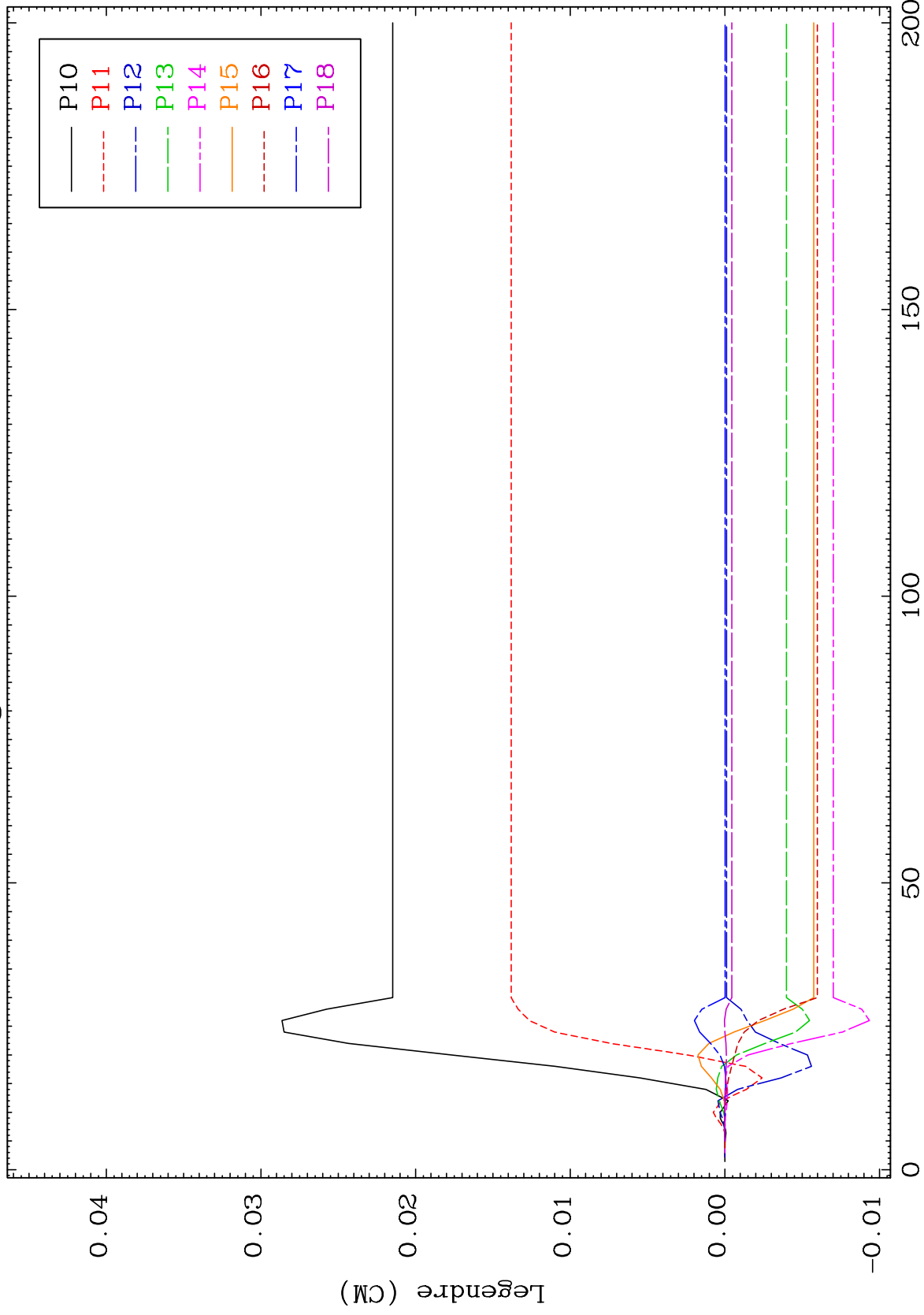
63-Eu-155



MAT 6337

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

63-Eu-155



72

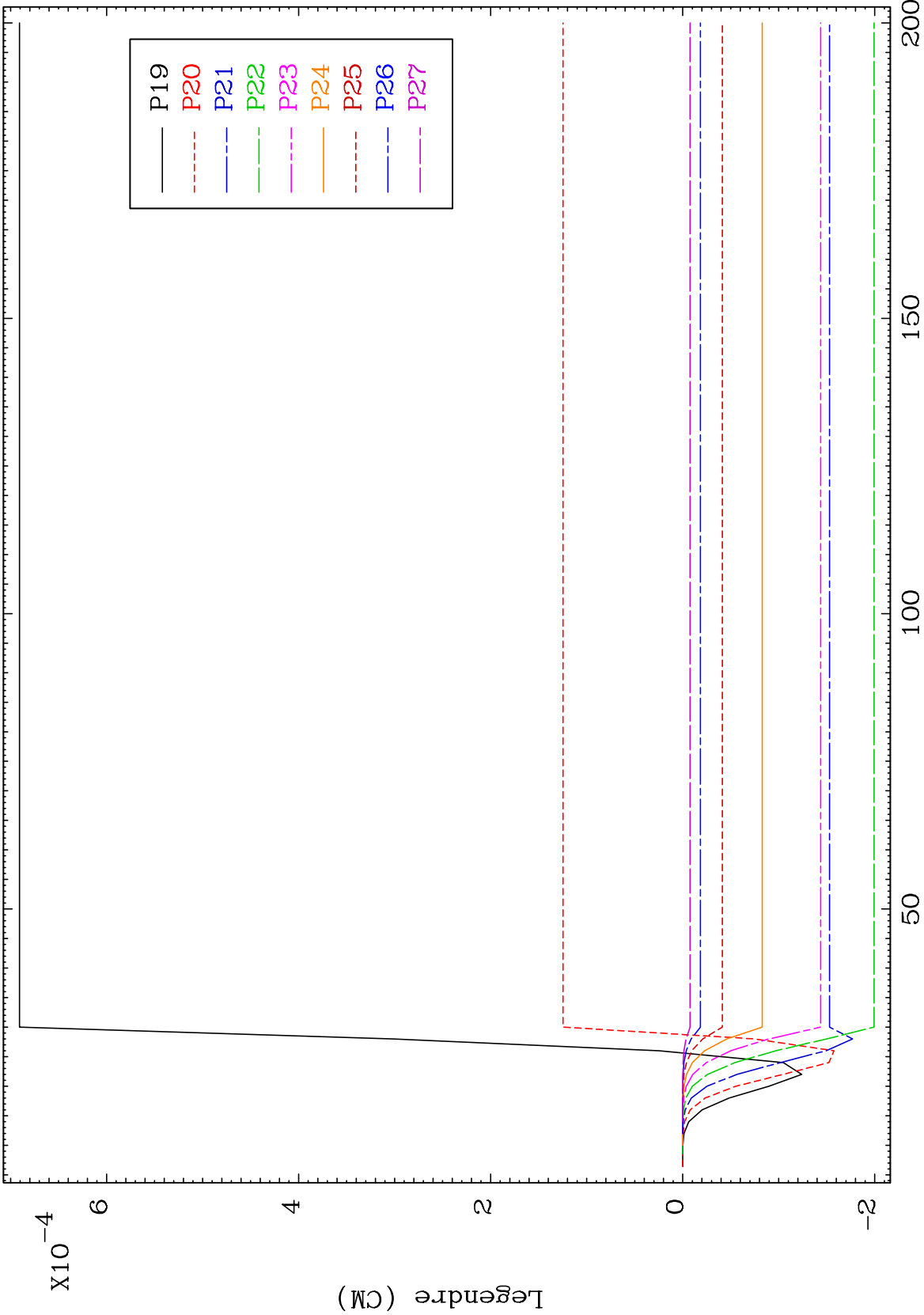
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



73

Incident Energy (MeV)

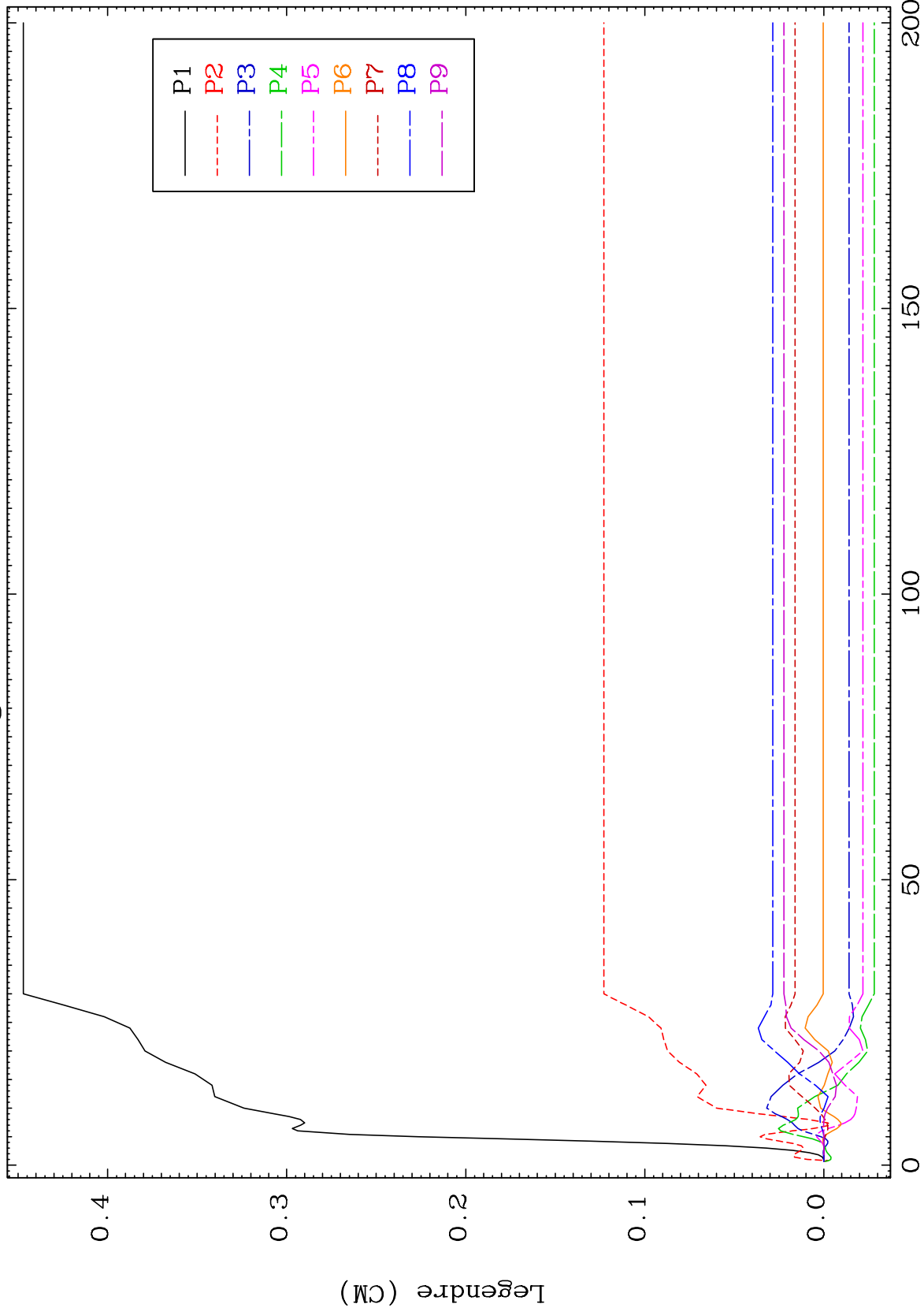
63-Eu-155



MAT 6337

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

63-Eu-155



75

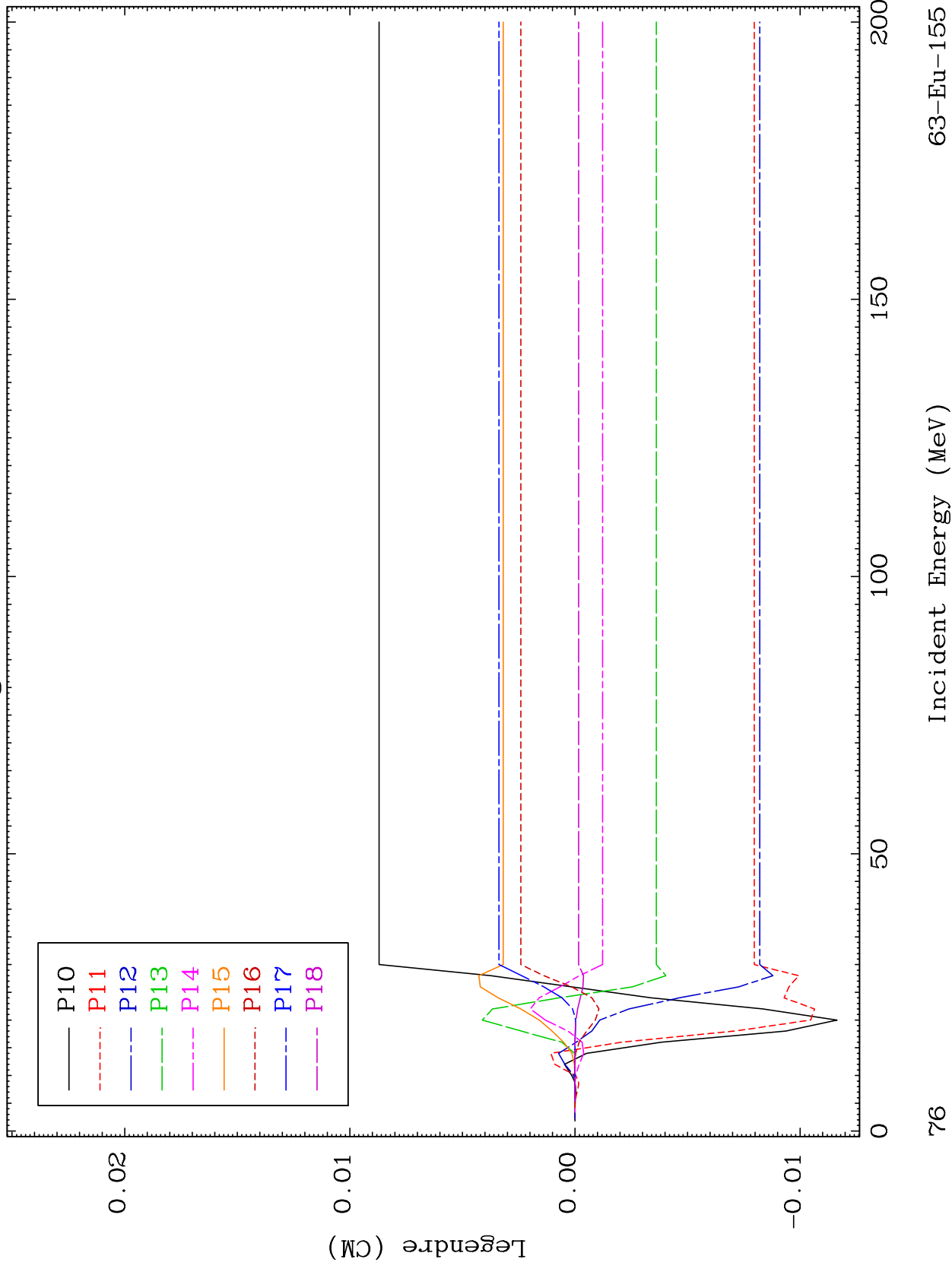
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



76

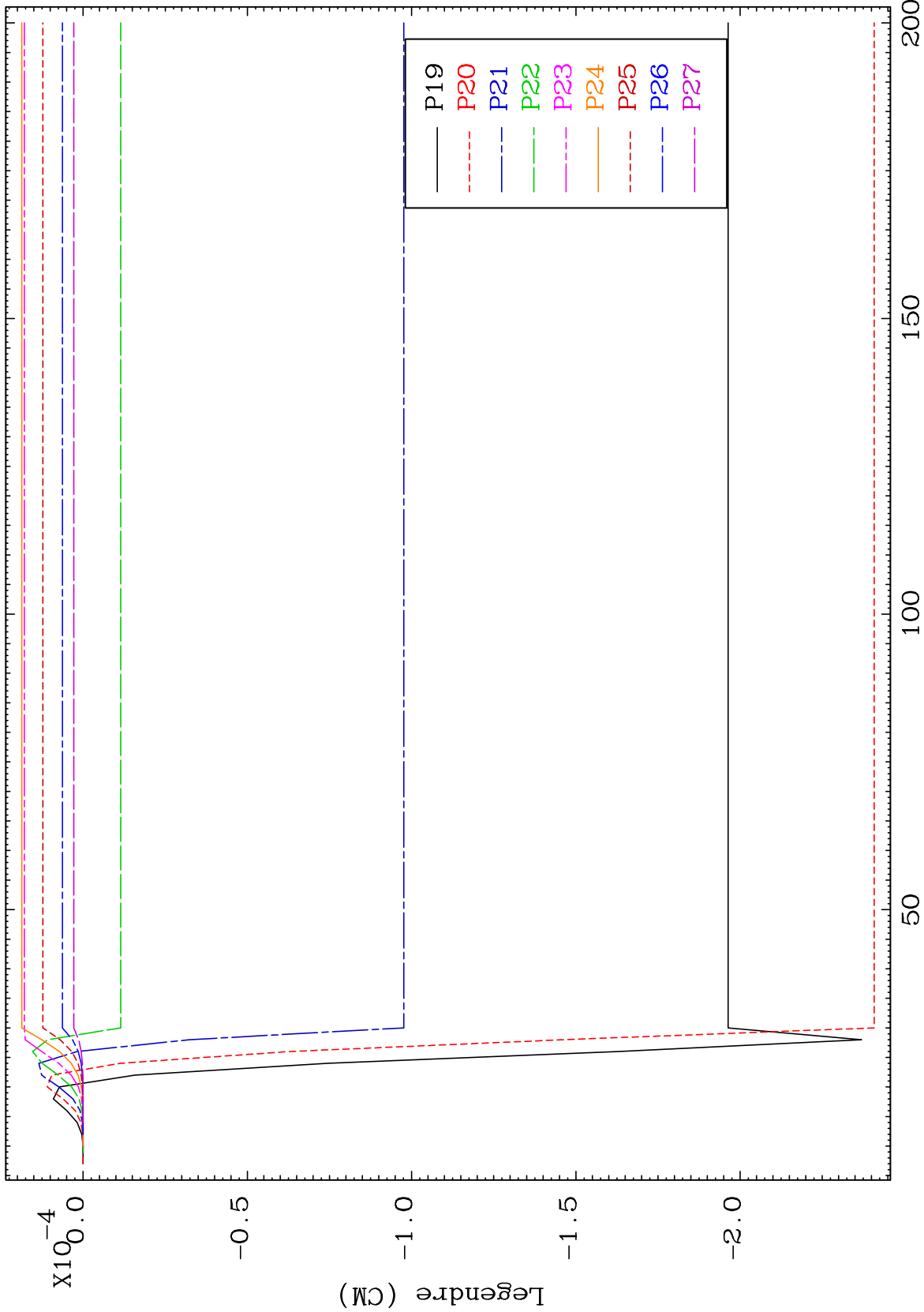
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



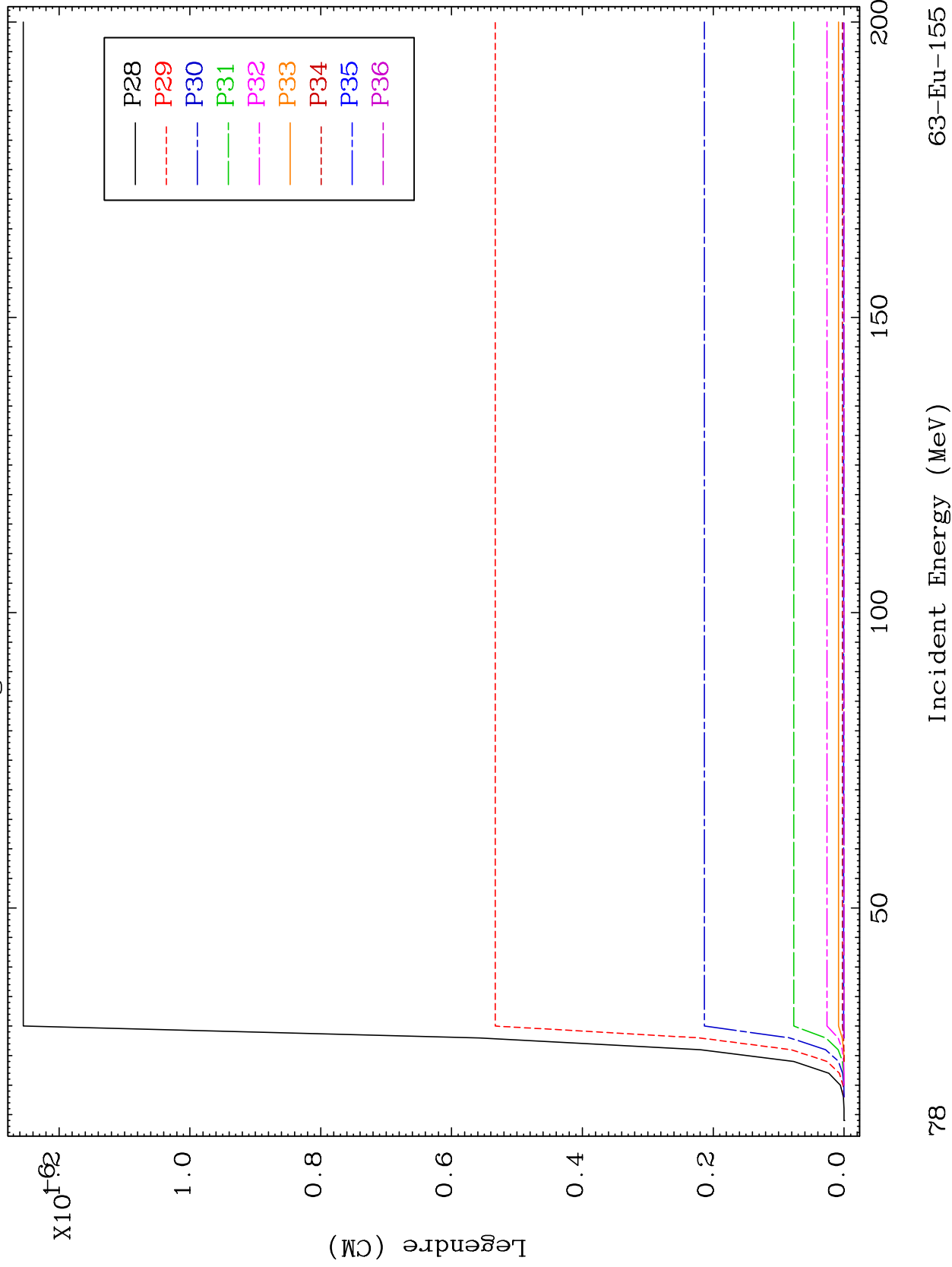
77

63-Eu-155

MAT 6337

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

63-Eu-155



78

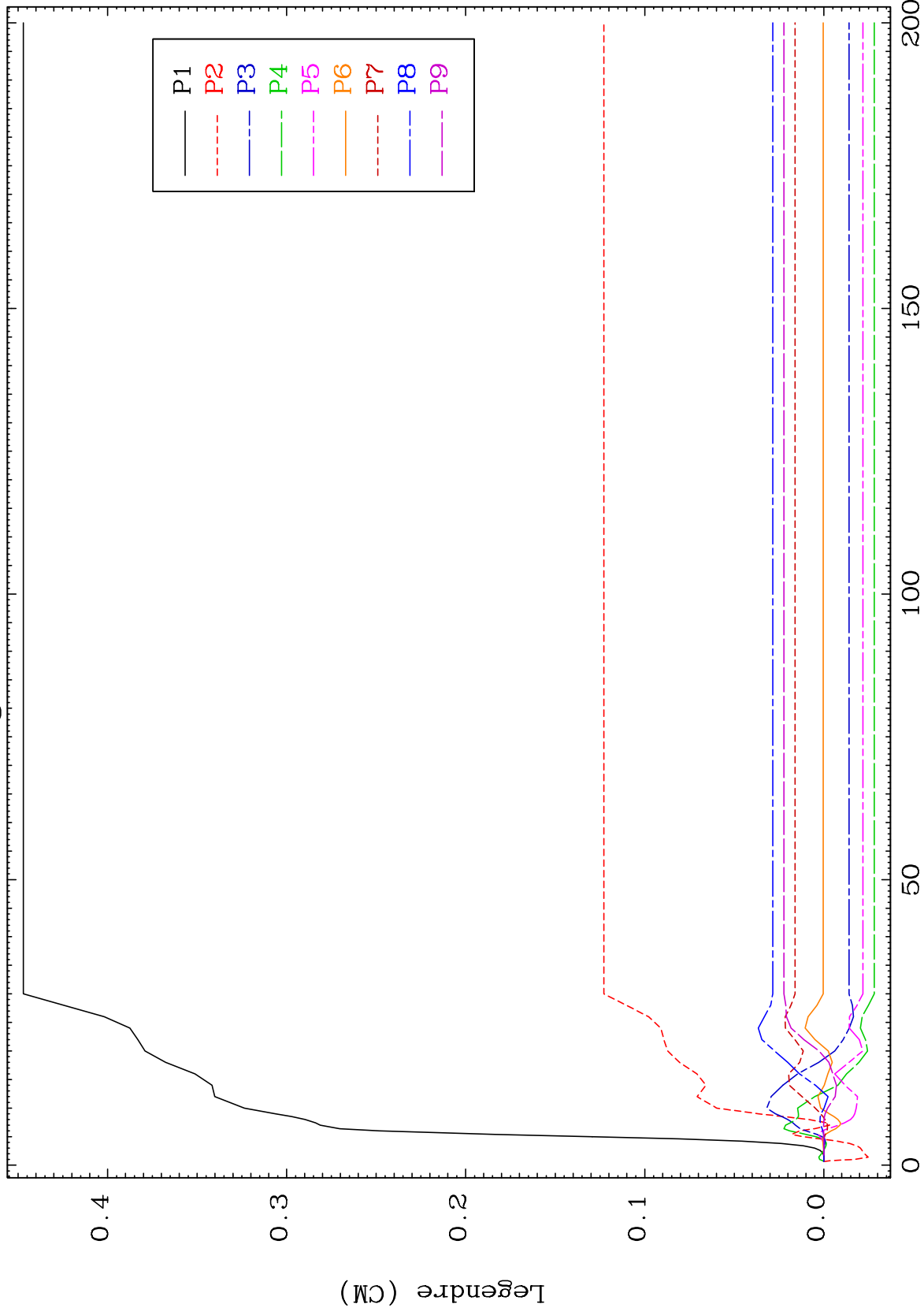
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



79

Incident Energy (MeV)

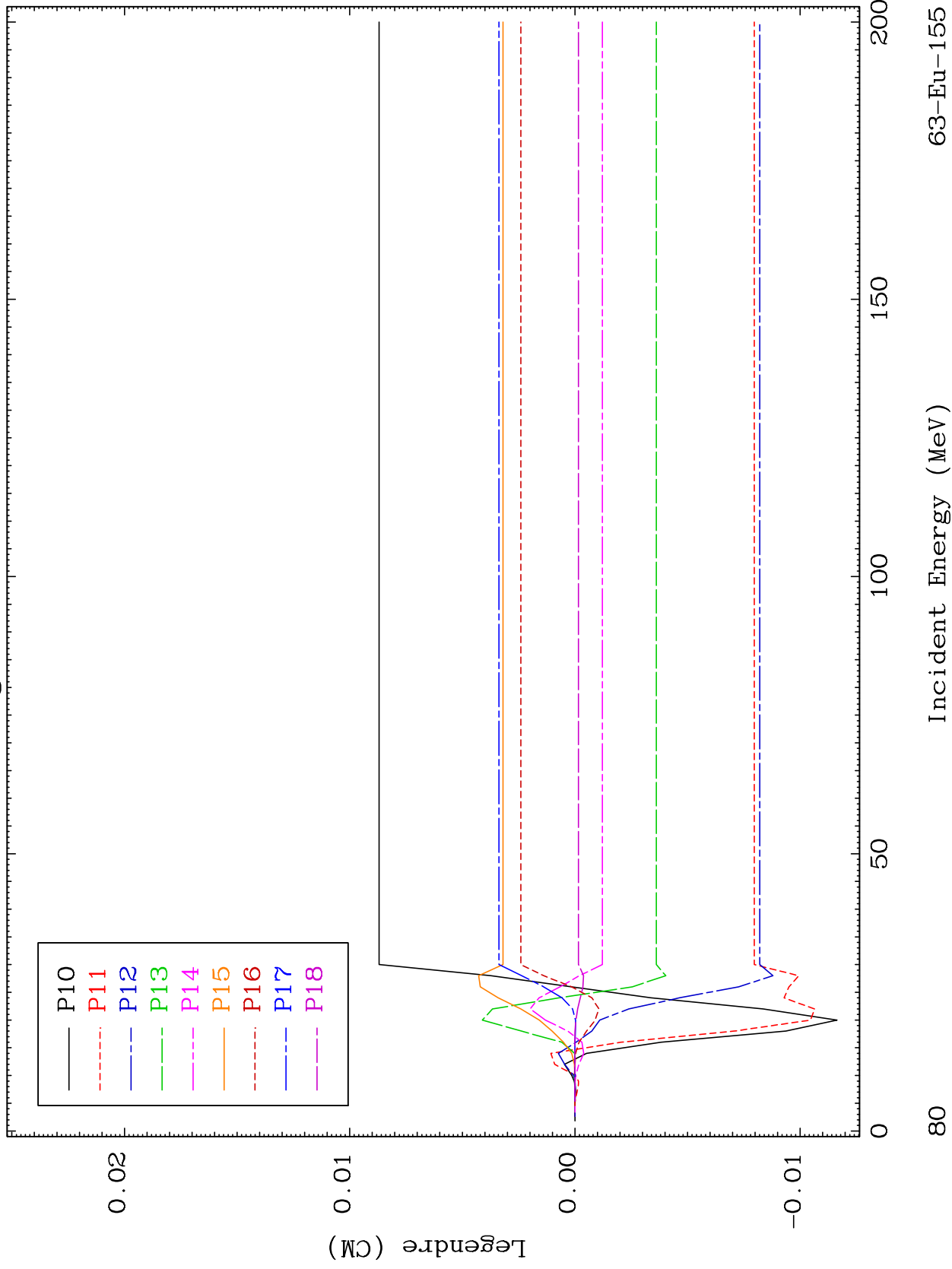
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

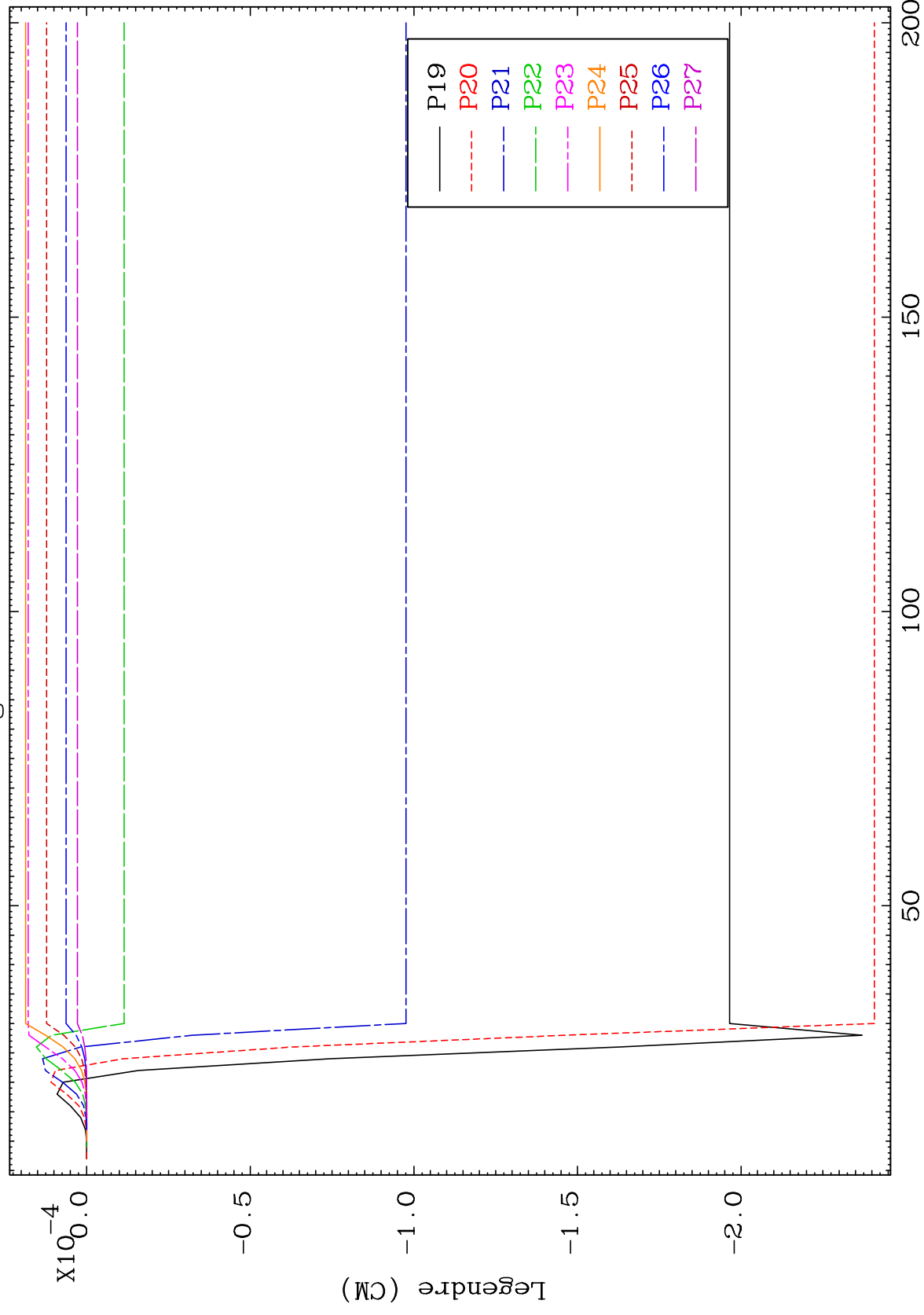
Incident Energy (MeV)

80

MAT 6337

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

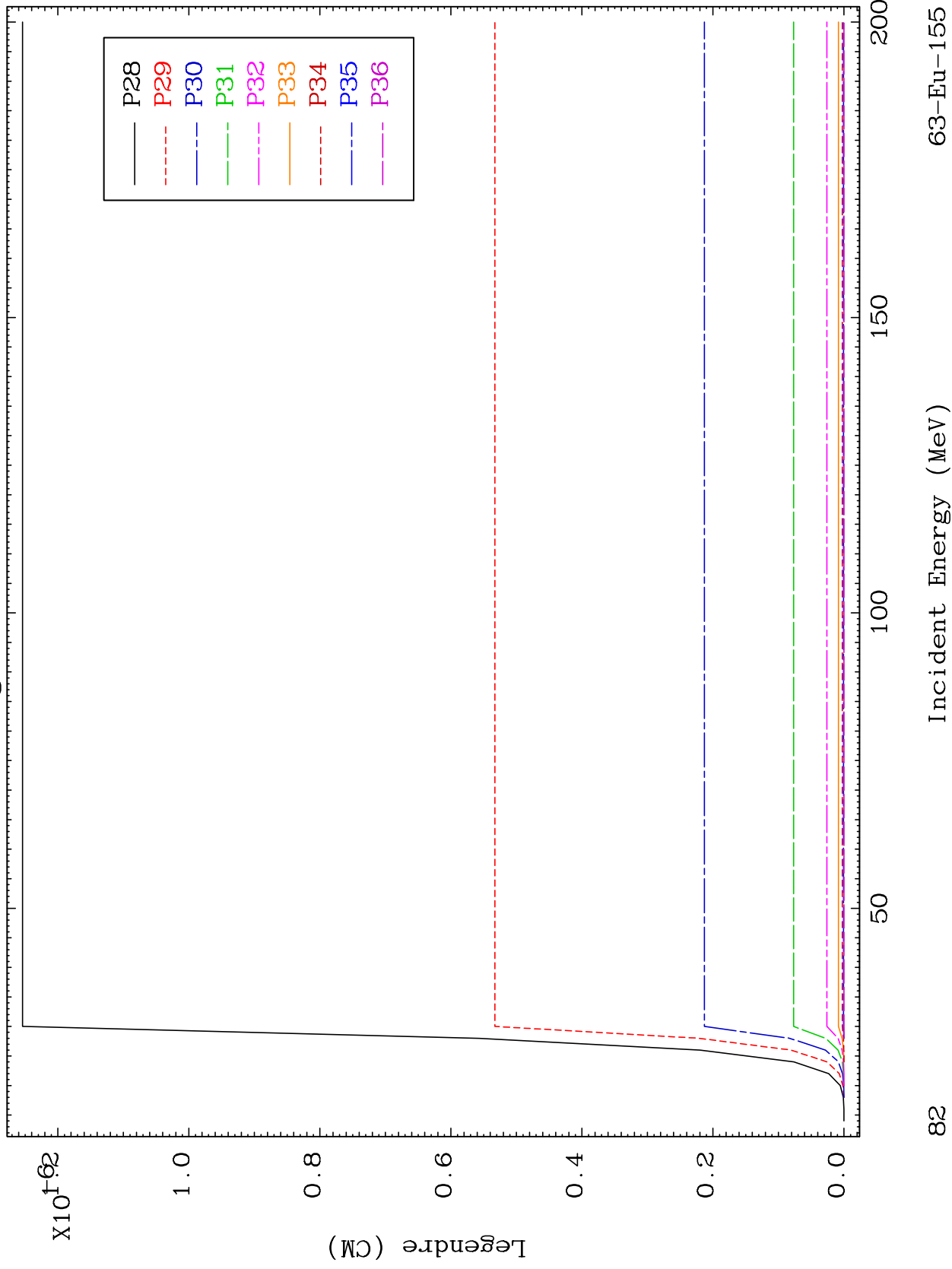
63-Eu-155



MAT 6337

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

63-Eu-155



82

Incident Energy (MeV)

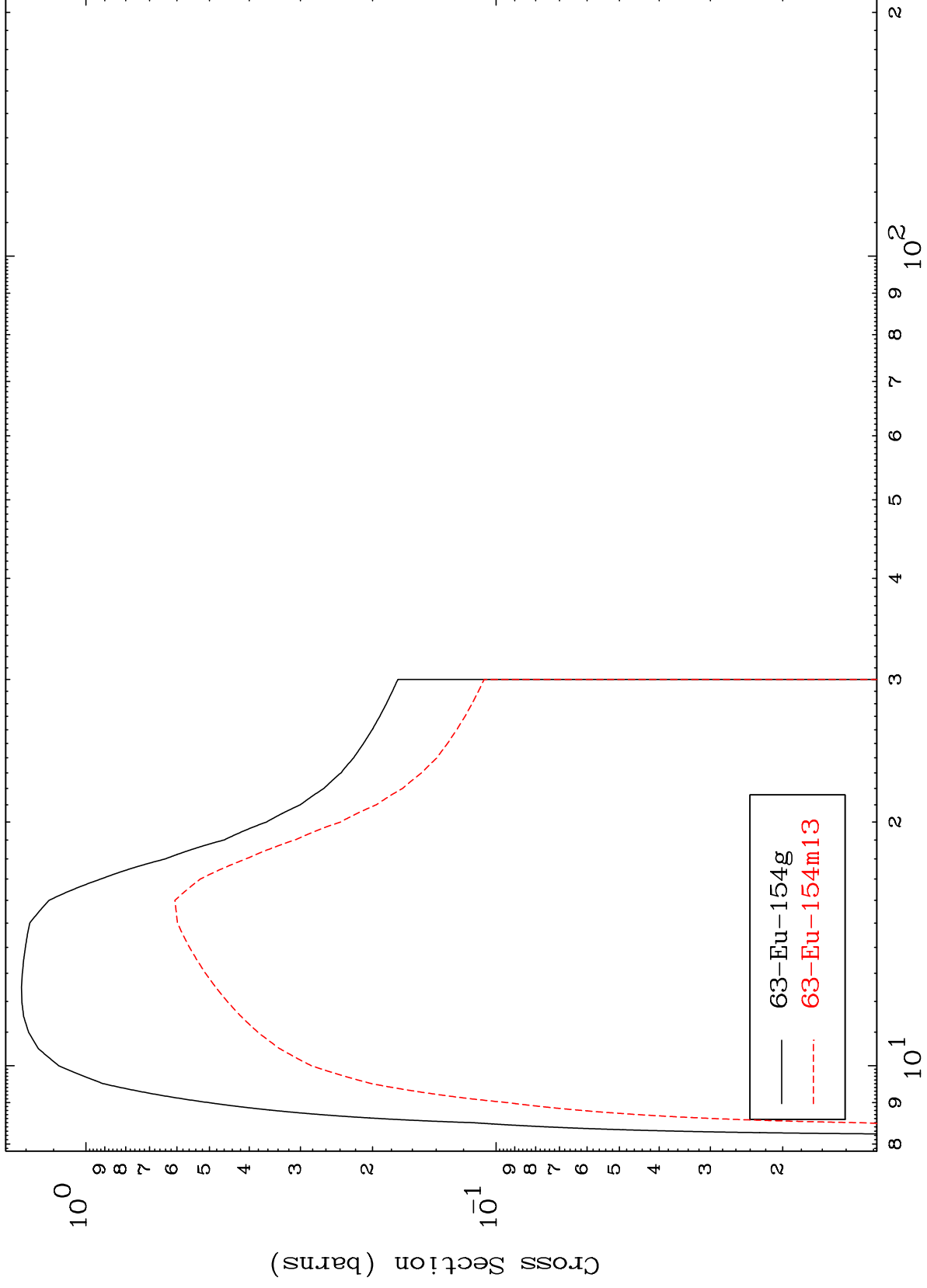
63-Eu-155

MAT 6337

(n,2n)

63-Eu-155

Radionuclide Production Cross Section



83

Incident Energy (MeV)

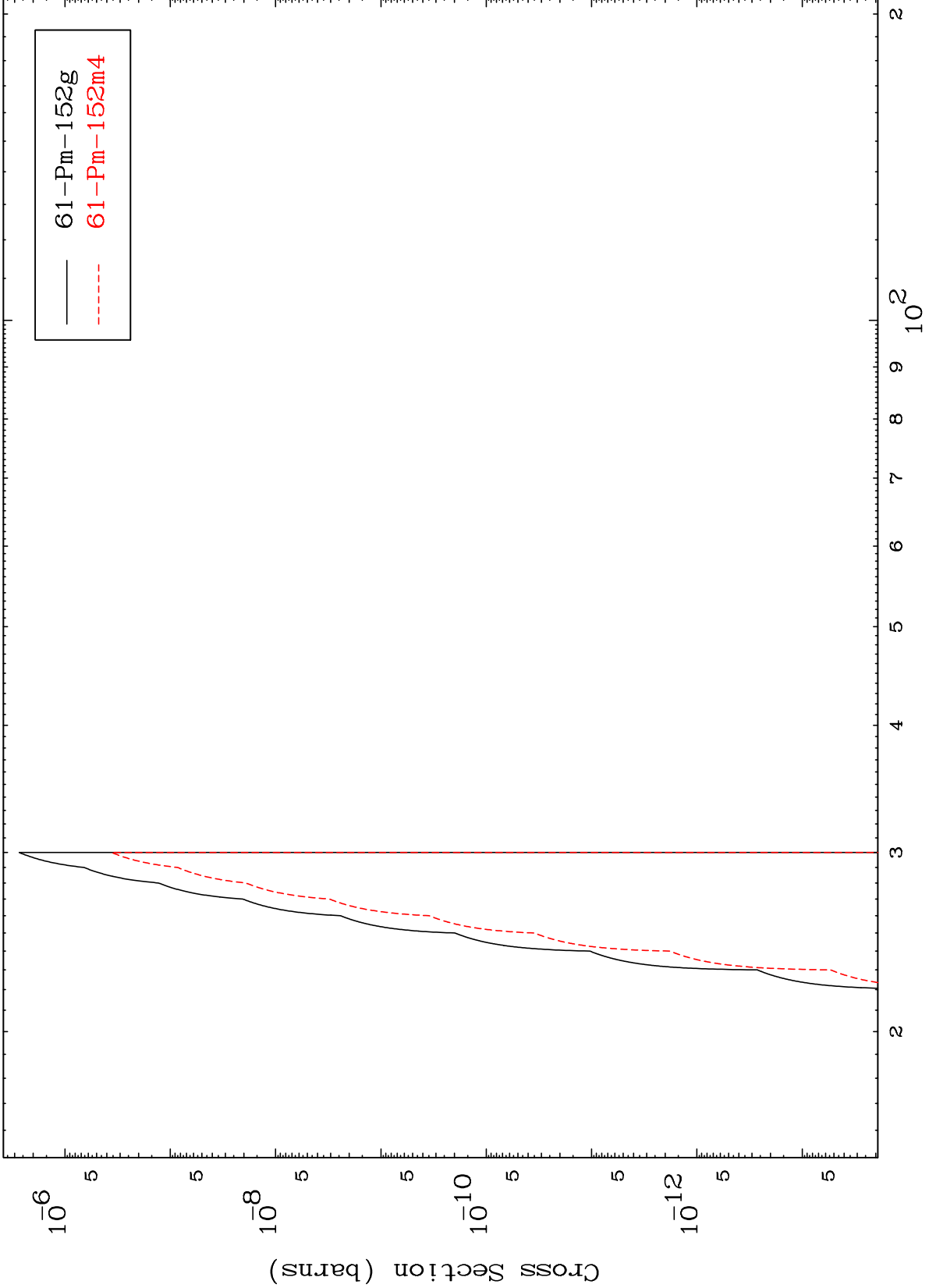
63-Eu-155

MAT 6337

(n,n') He-3

63-Eu-155

Radionuclide Production Cross Section

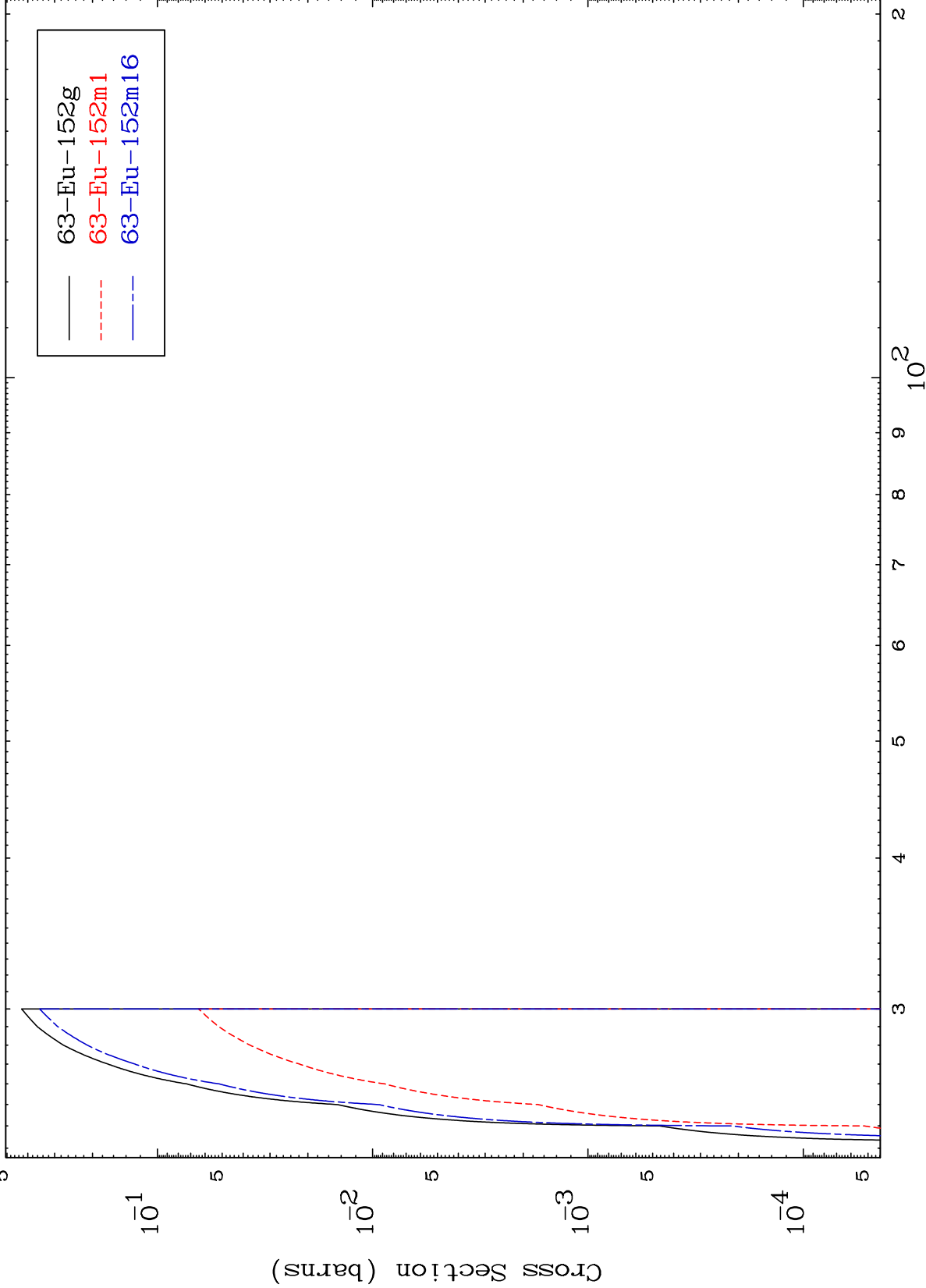


84

Incident Energy (MeV)

63-Eu-155

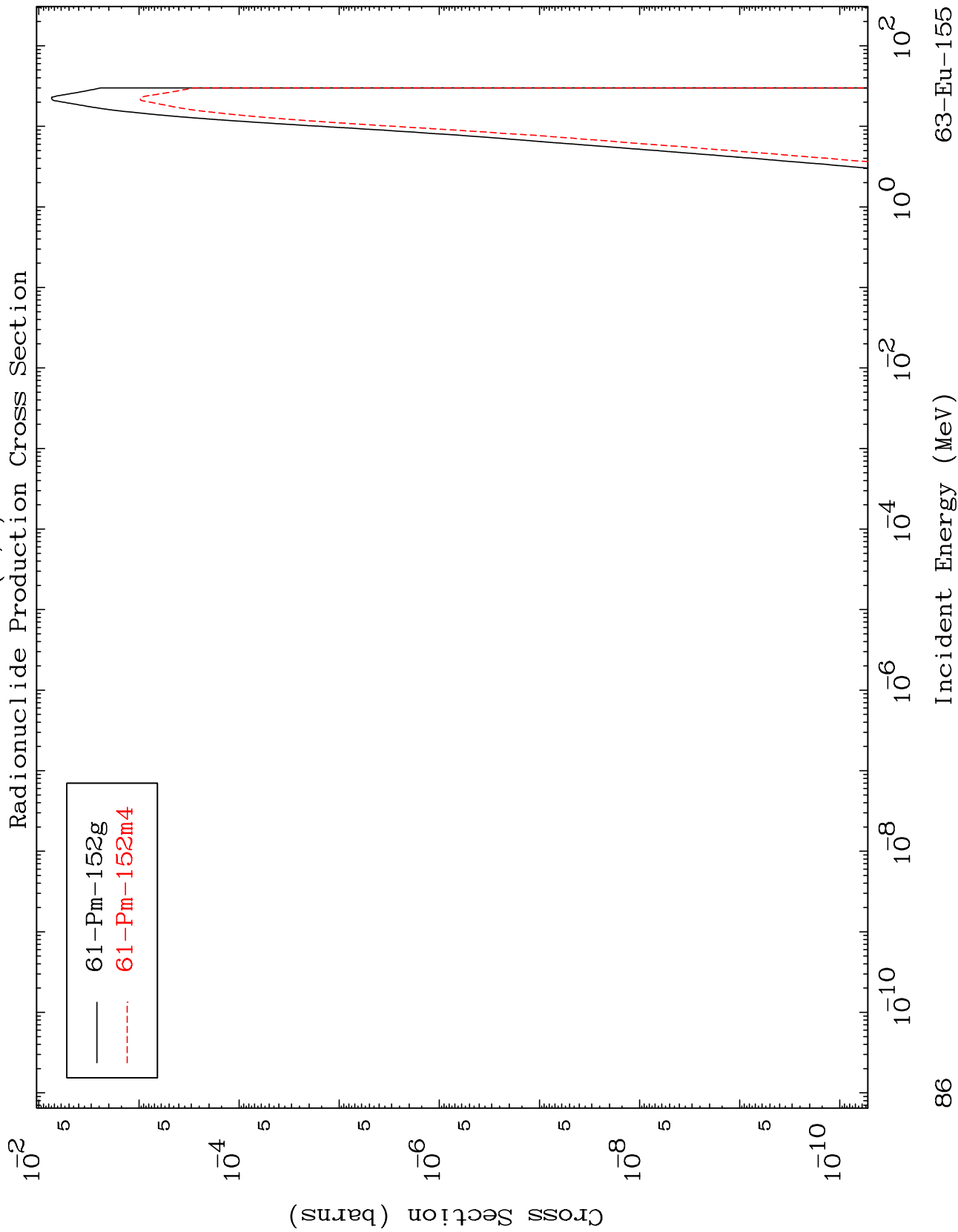
Radionuclide Production Cross Section



MAT 6337

63-Eu-155

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

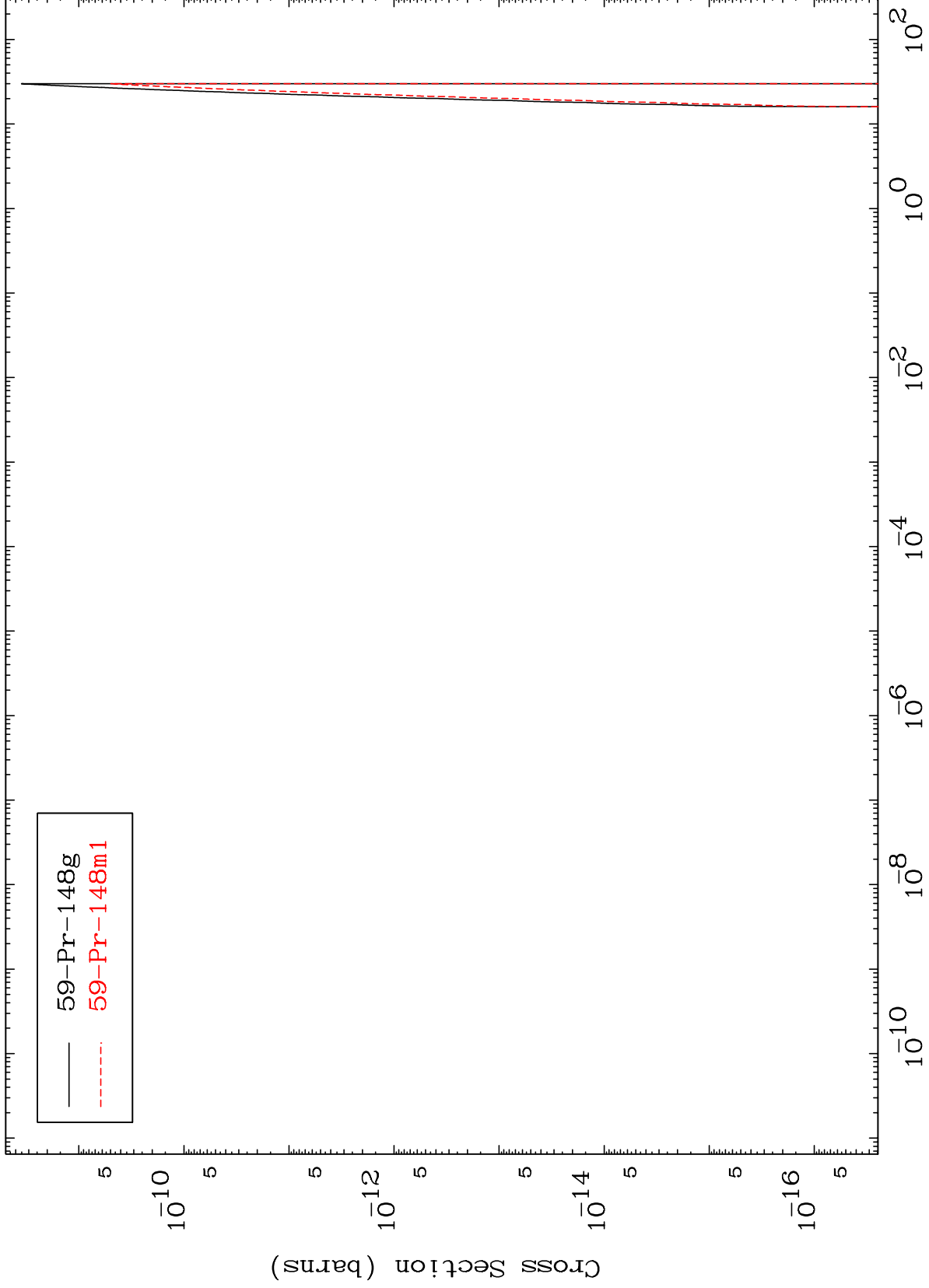


MAT 6337

(n,2α)

63-Eu-155

Radionuclide Production Cross Section



87

63-Eu-155