

Program EVALPLOT  
(Version 2021-1)

by

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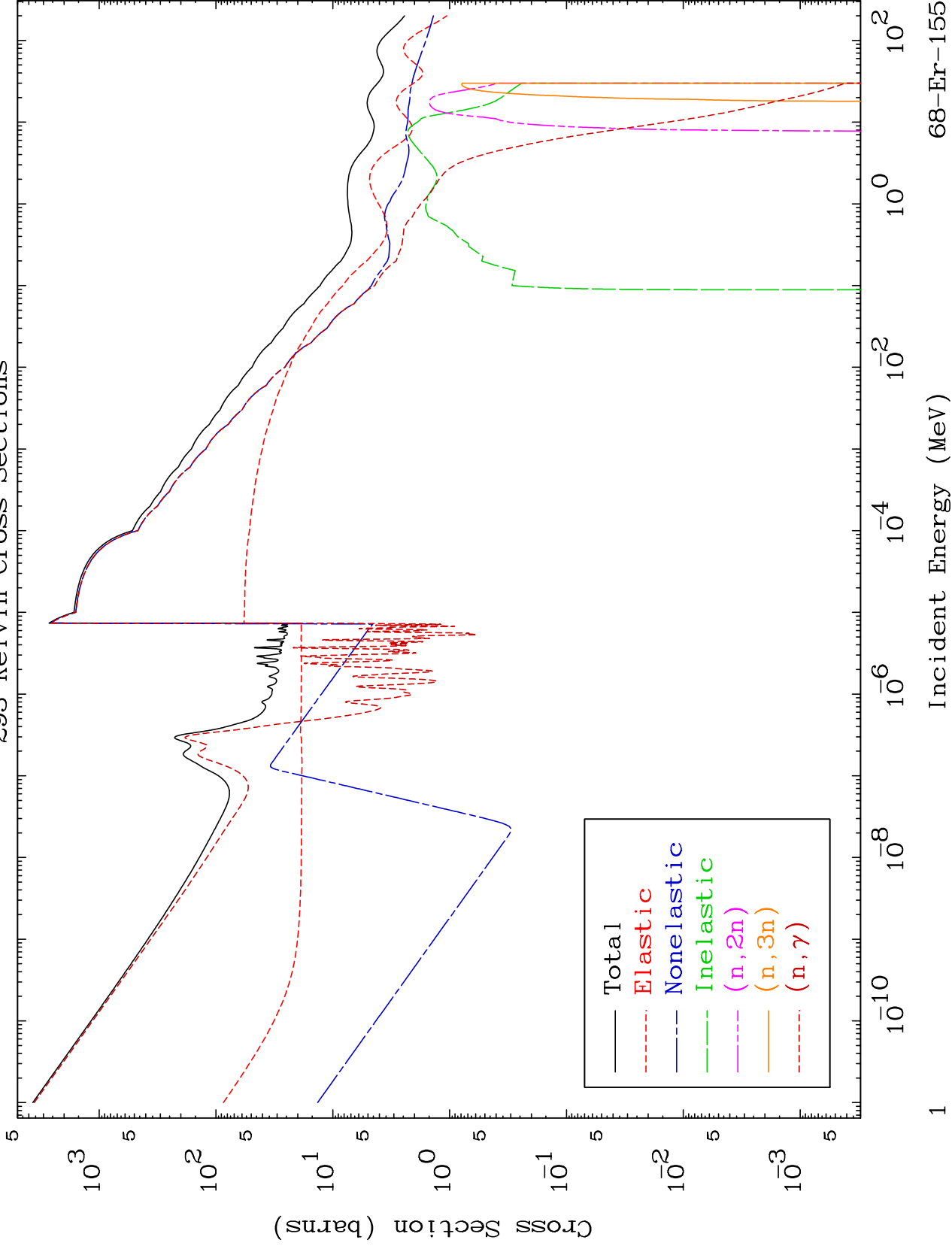
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6804

Neutron Major  
293 Kelvin Cross Sections

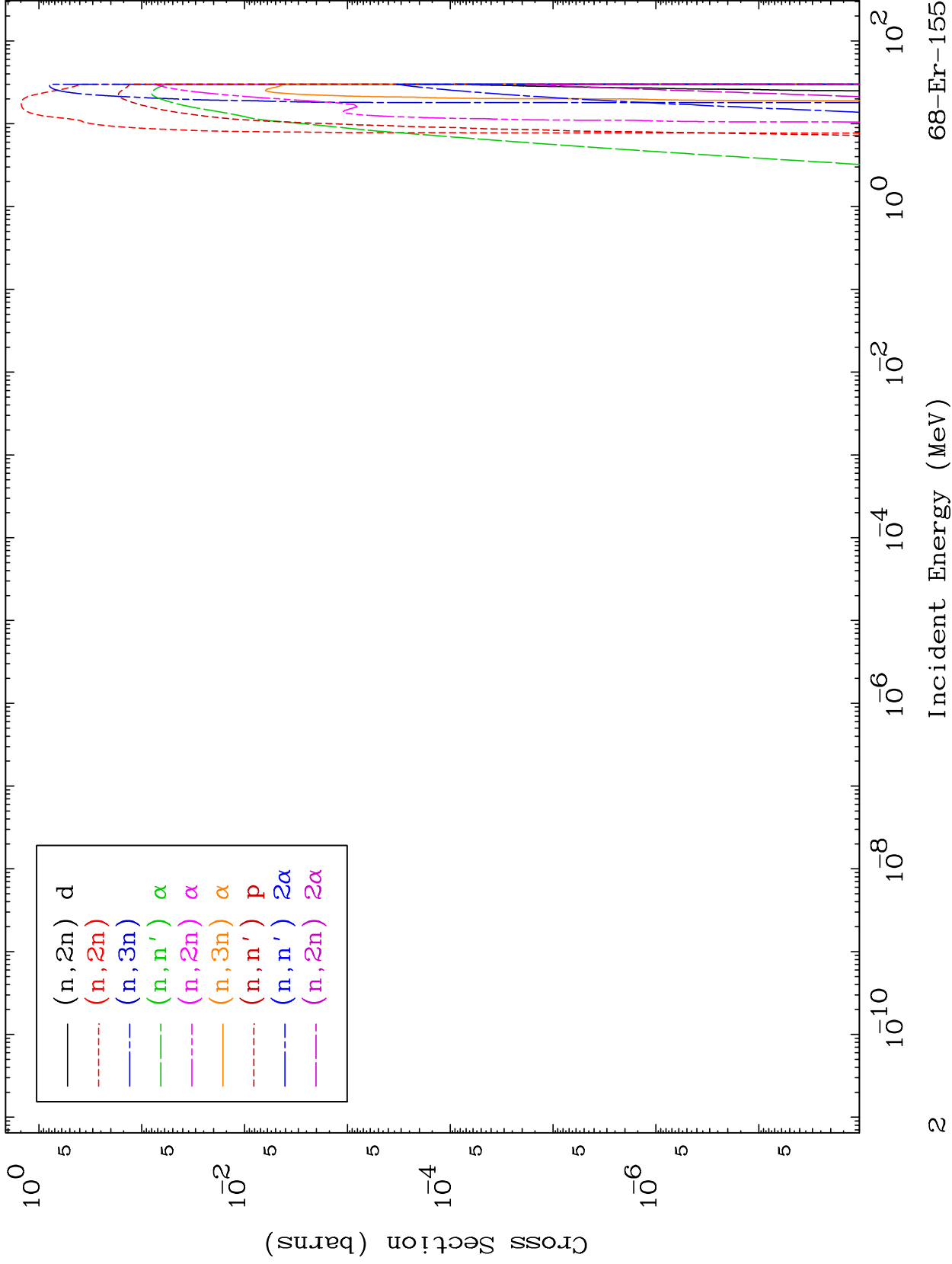
68-Er-155



MAT 6804

Neutron Absorption  
293 Kelvin Cross Sections

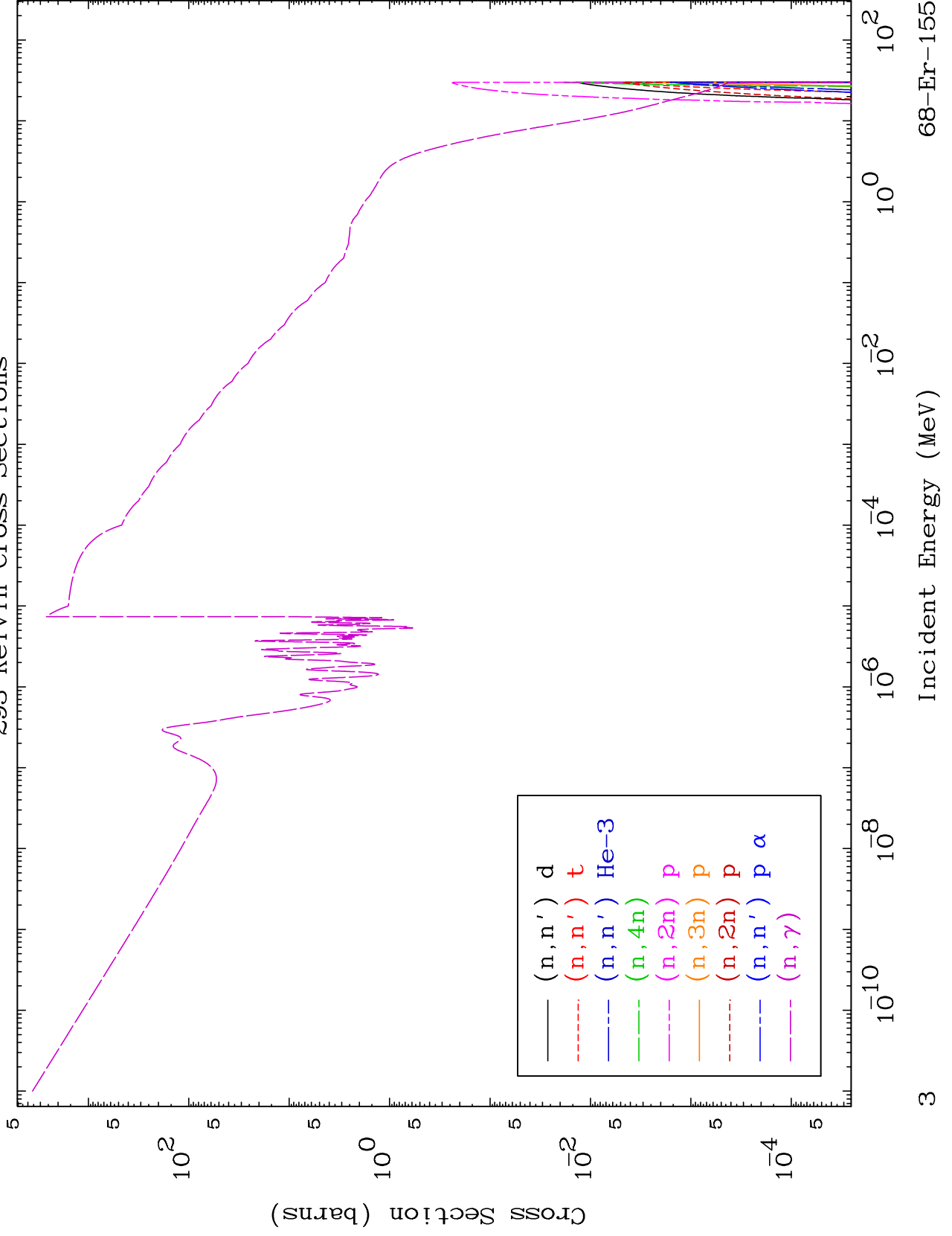
68-Er-155



MAT 6804

Neutron Absorption  
293 Kelvin Cross Sections

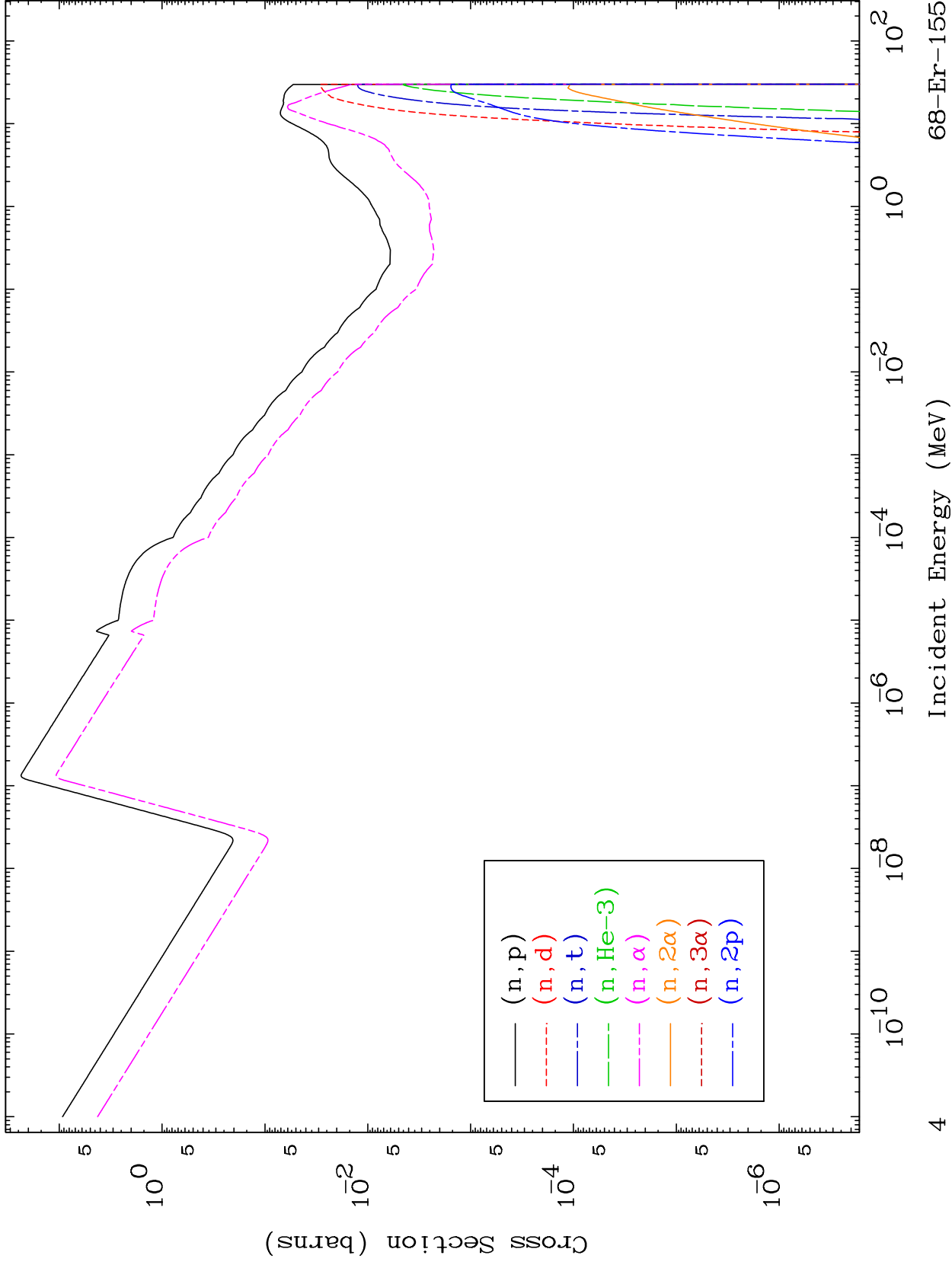
68-Er-155



MAT 6804

Neutron Absorption  
293 Kelvin Cross Sections

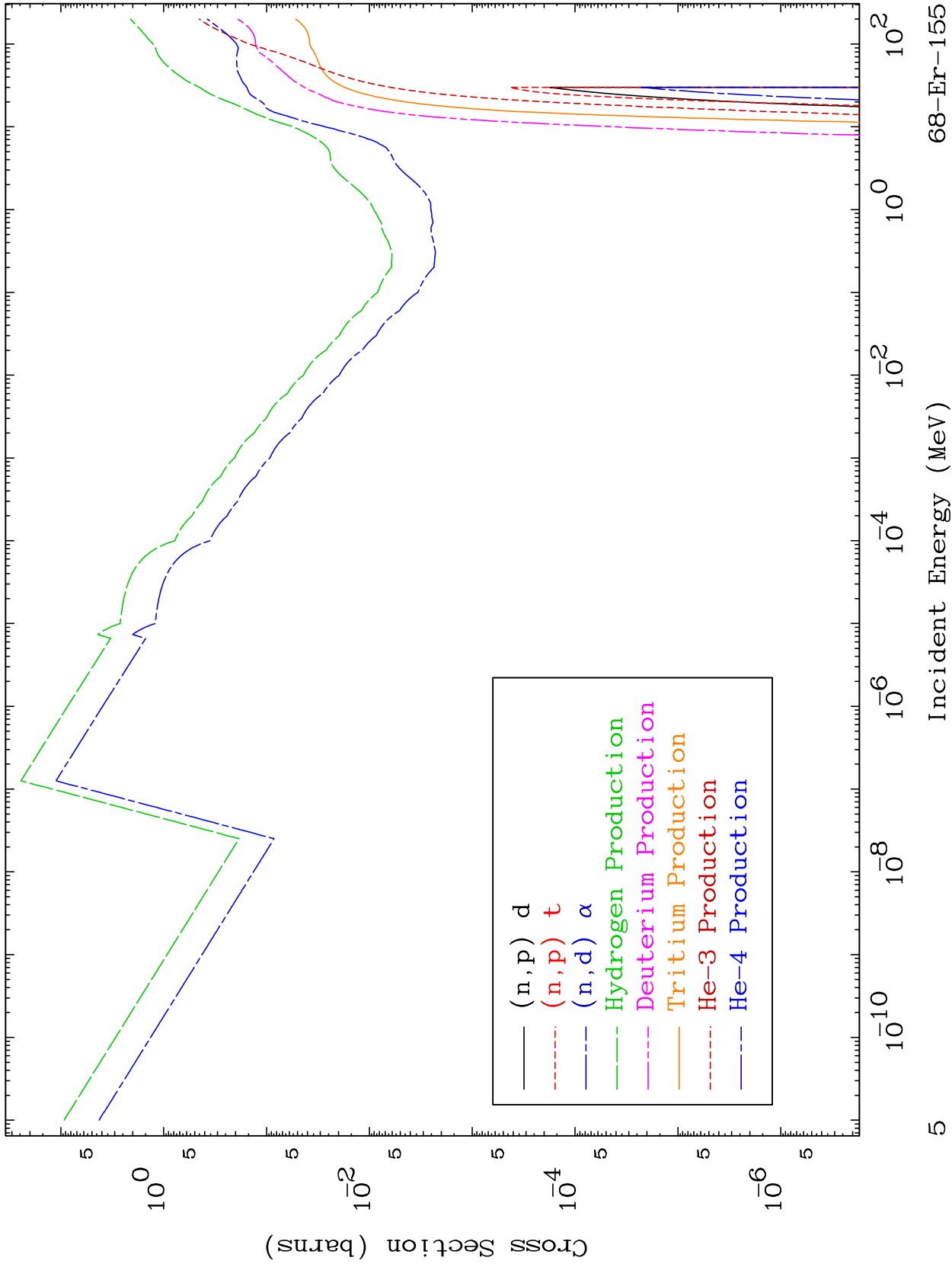
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MAT 6804

Neutron Absorption  
293 Kelvin Cross Sections

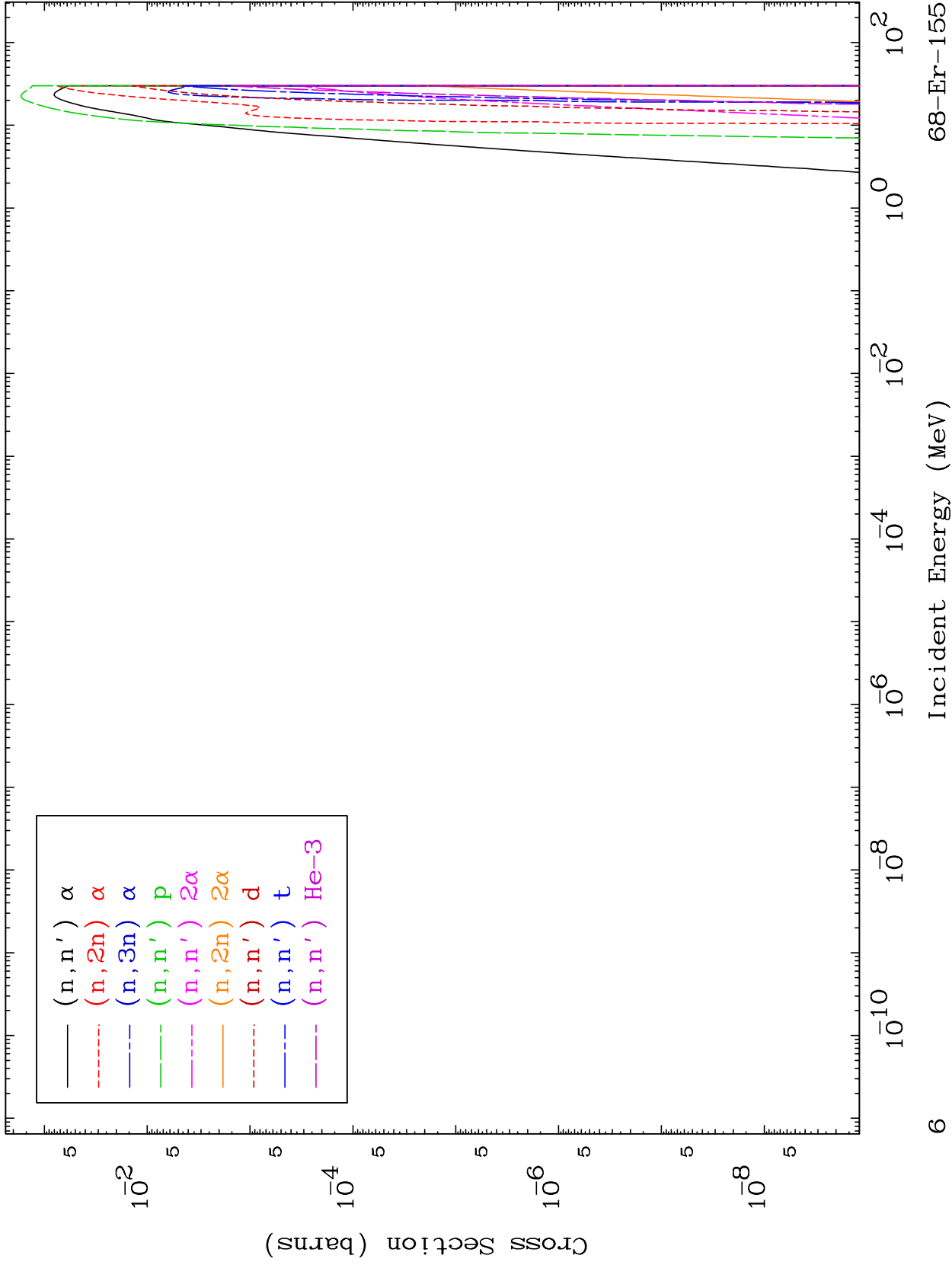
68-Er-155



MAT 6804

Charged Particle  
293 Kelvin Cross Sections

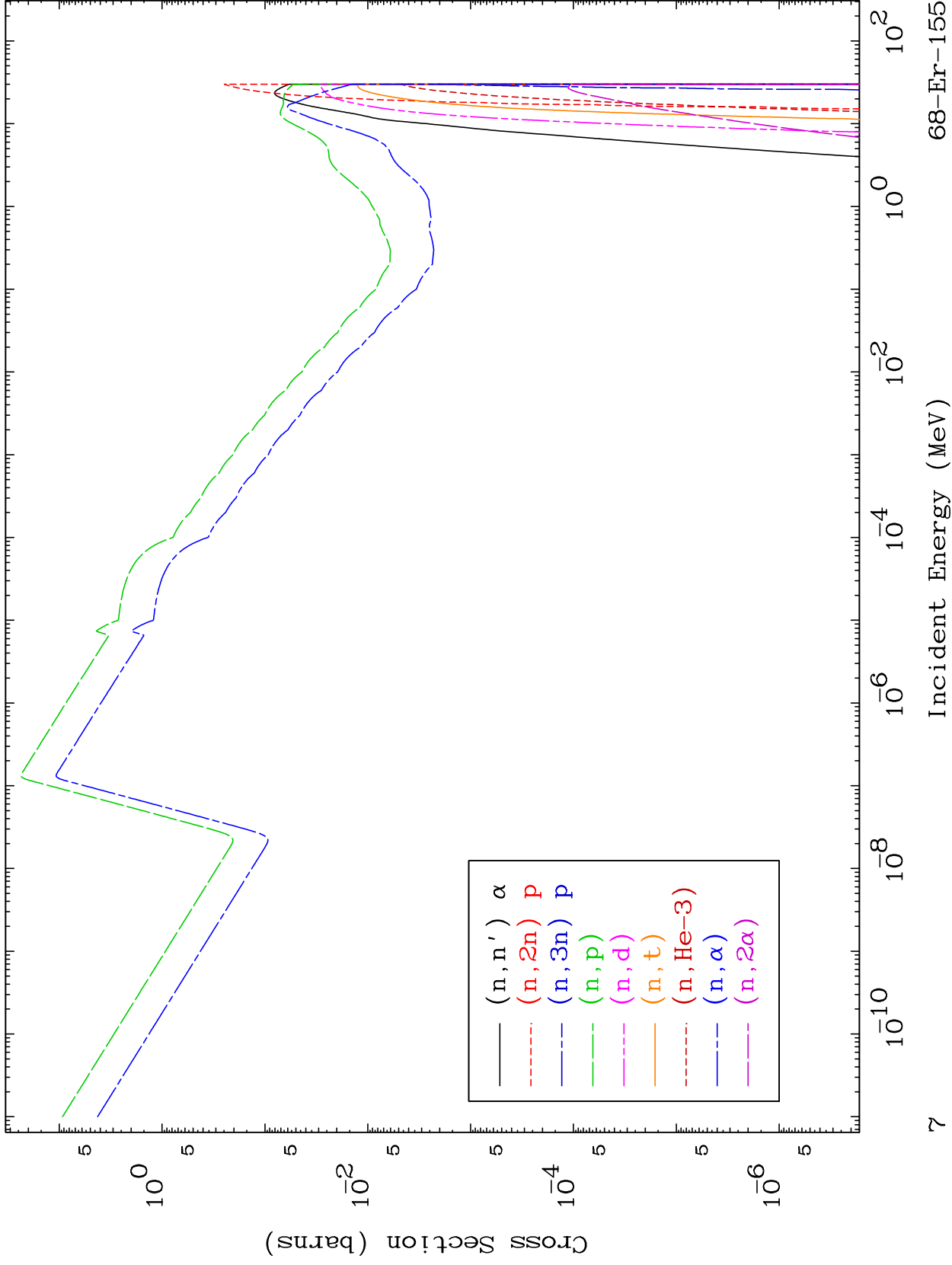
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MAT 6804

Charged Particle  
293 Kelvin Cross Sections

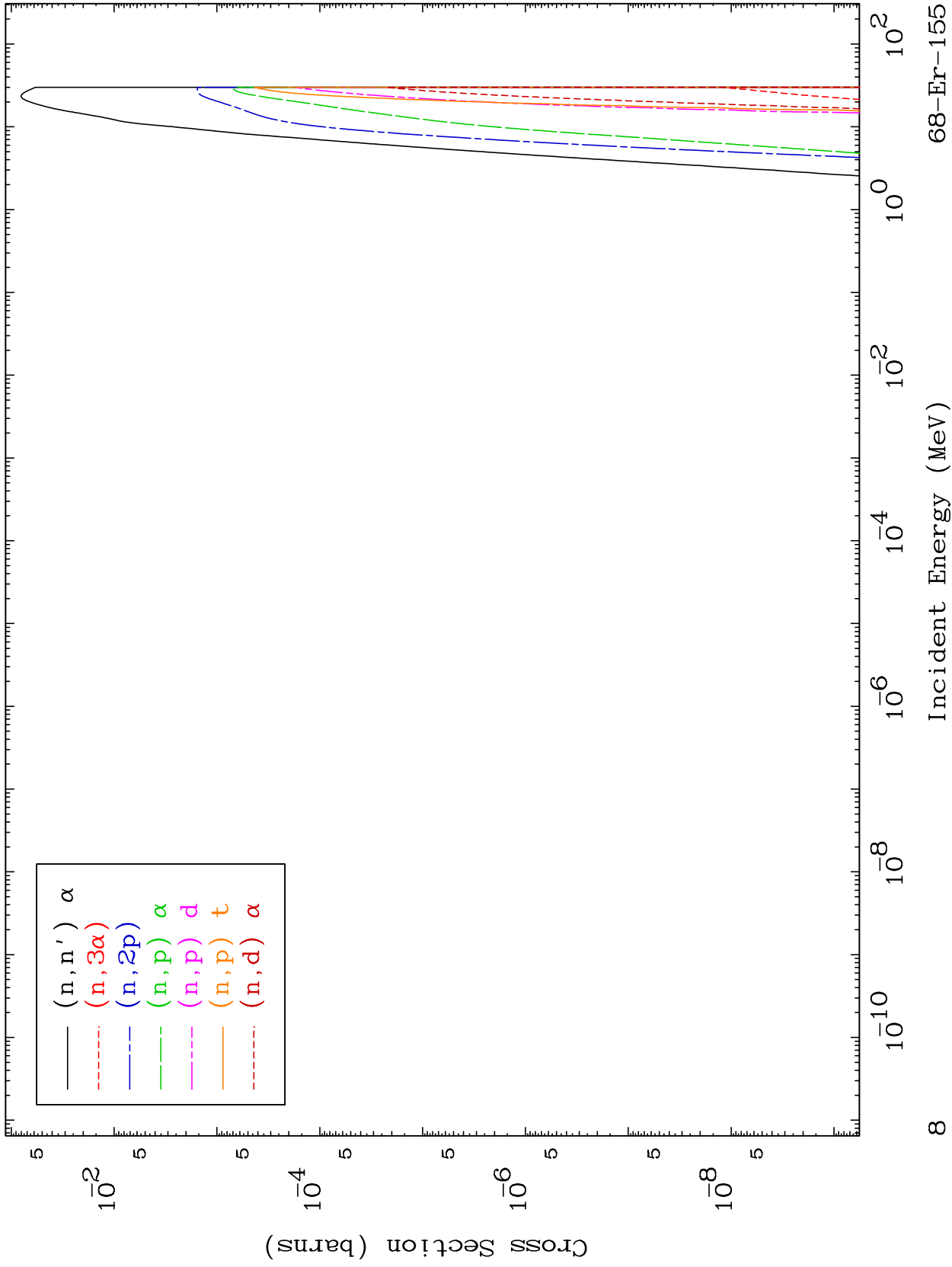
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MAT 6804

Charged Particle  
293 Kelvin Cross Sections

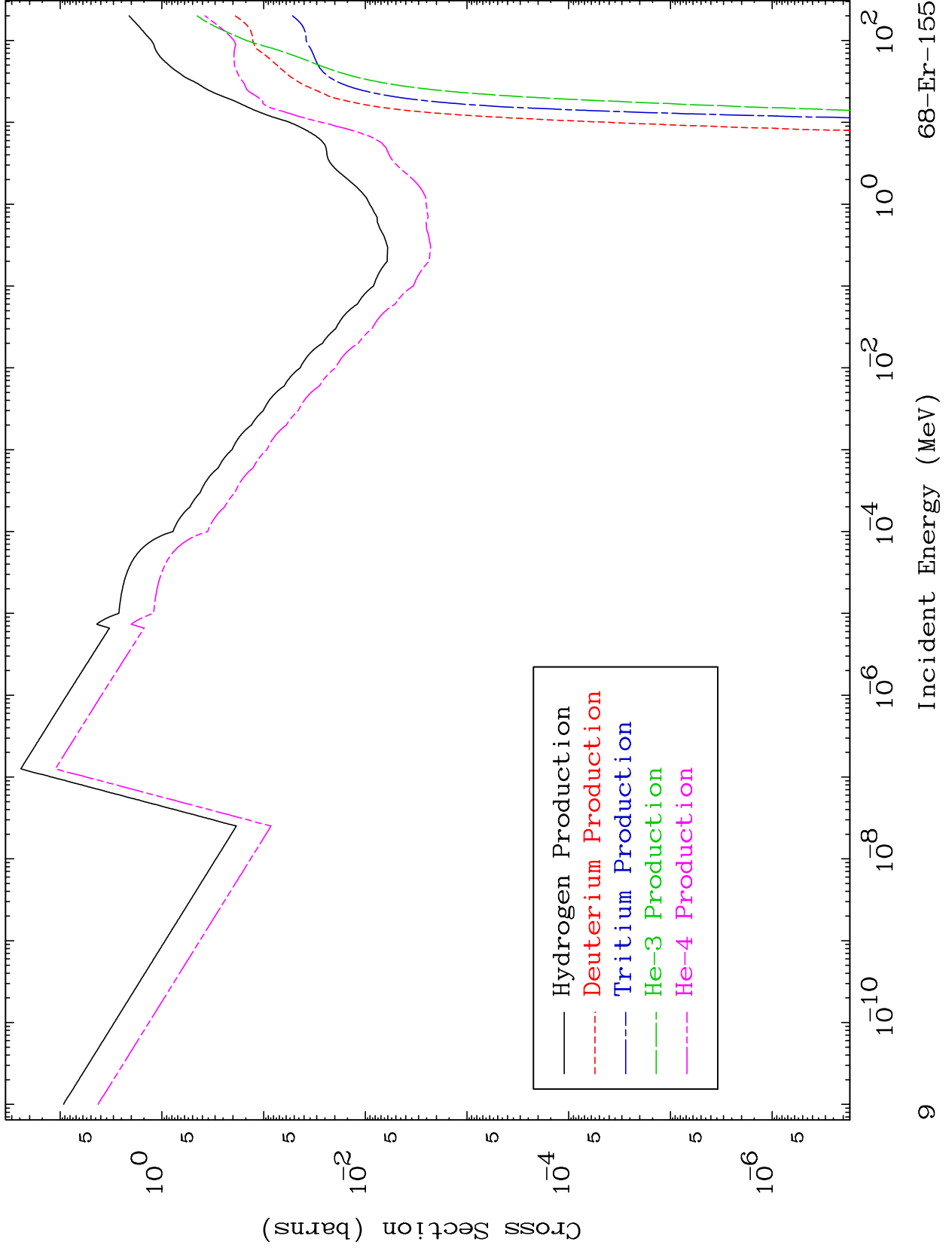
68-Er-155



MAT 6804

Particle Production  
293 Kelvin Cross Sections

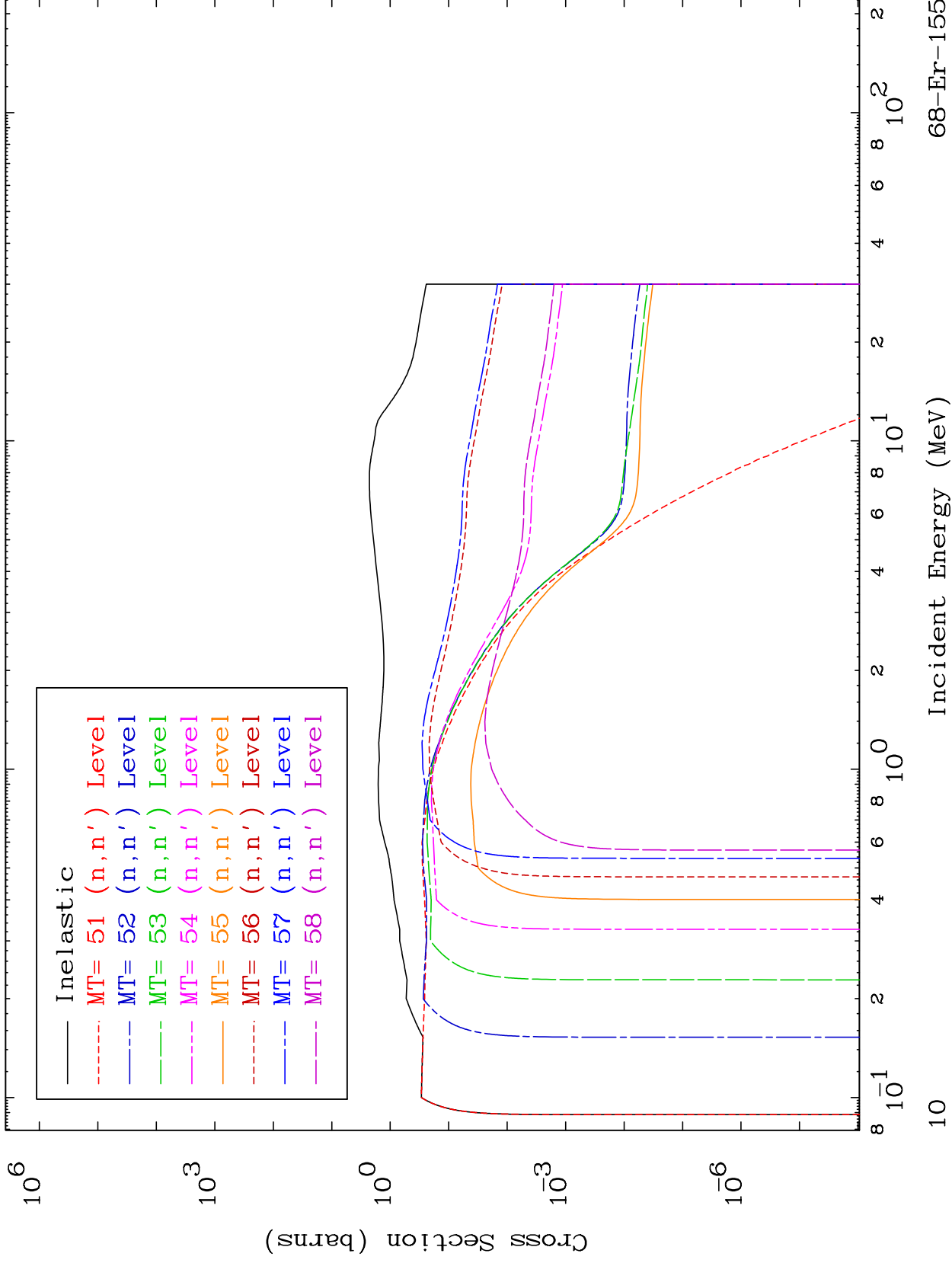
68-Er-155



MAT 6804

(n,n') Levels  
293 Kelvin Cross Sections

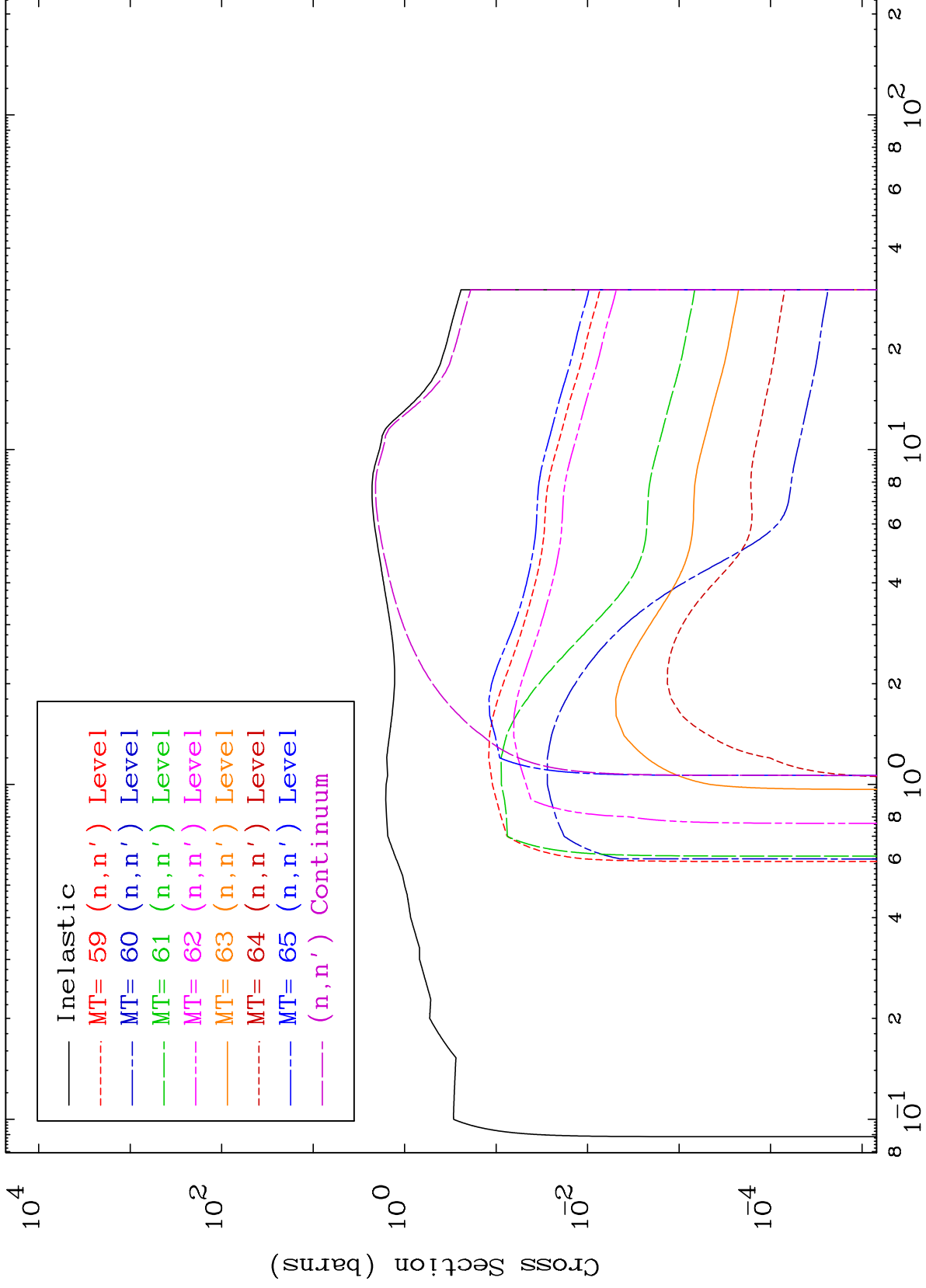
68-Er-155



MAT 6804

(n,n') Levels  
293 Kelvin Cross Sections

68-Er-155



11

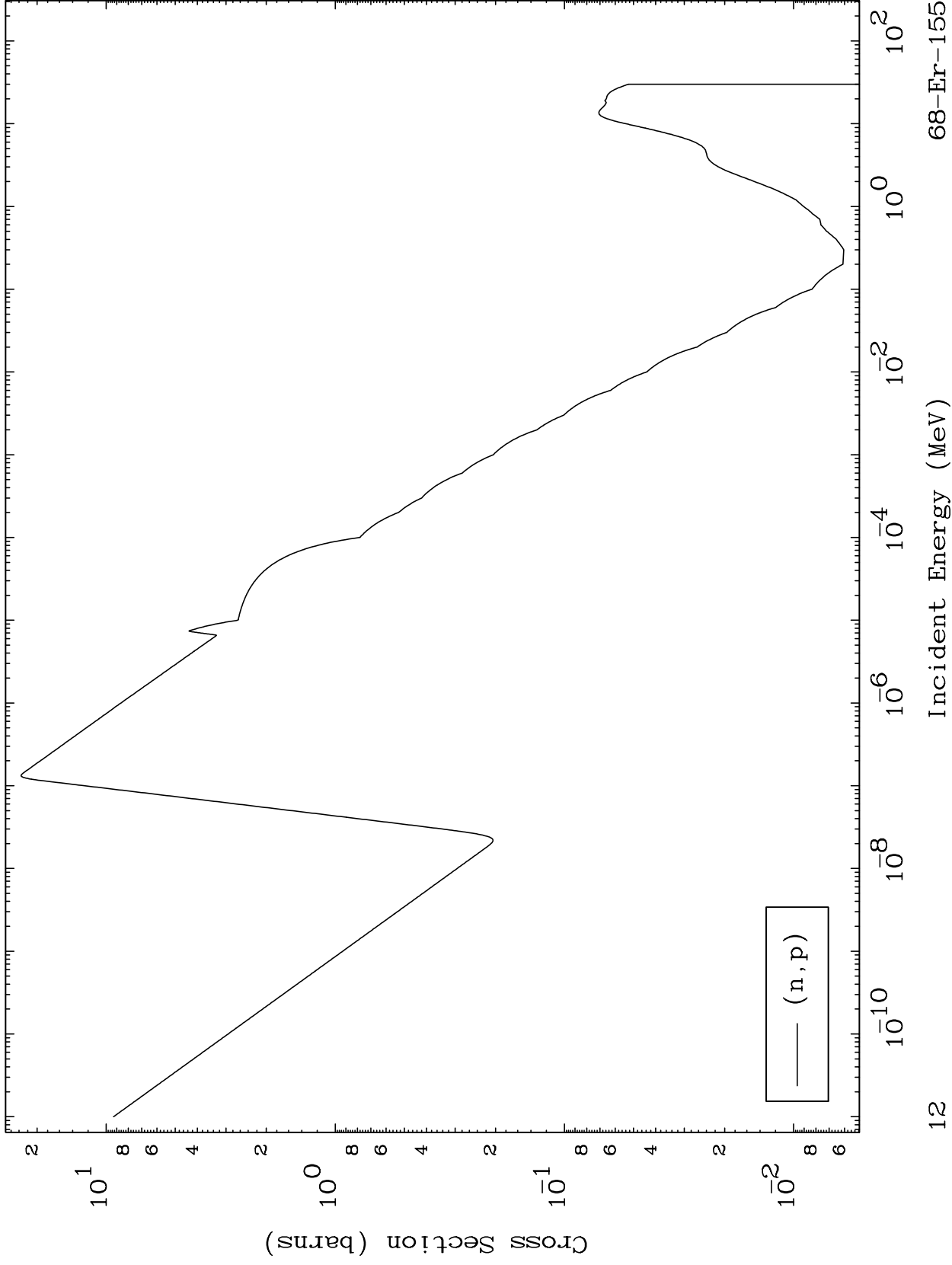
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,p) Levels  
293 Kelvin Cross Sections

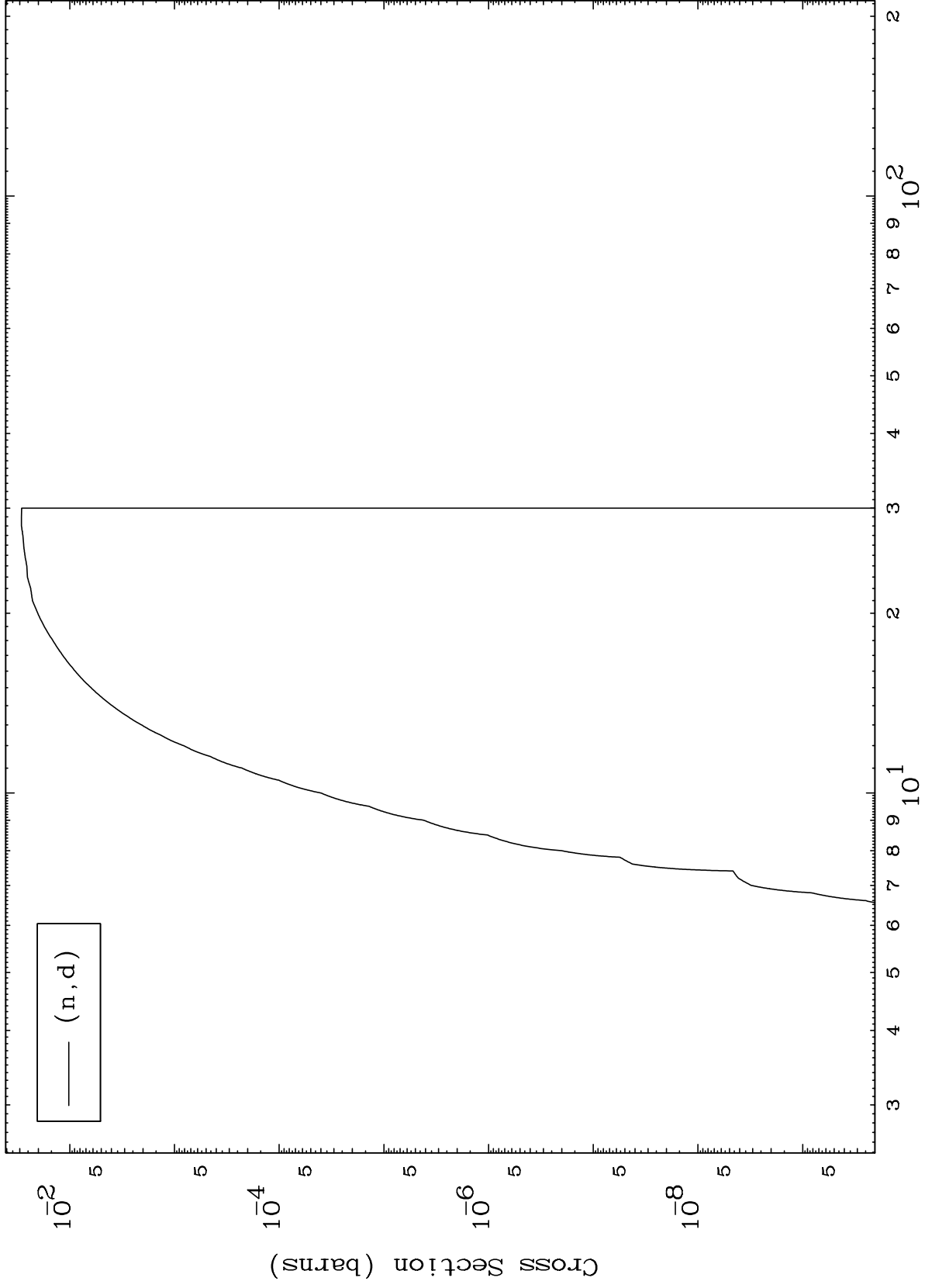
68-Er-155



MAT 6804

(n,d) Levels  
293 Kelvin Cross Sections

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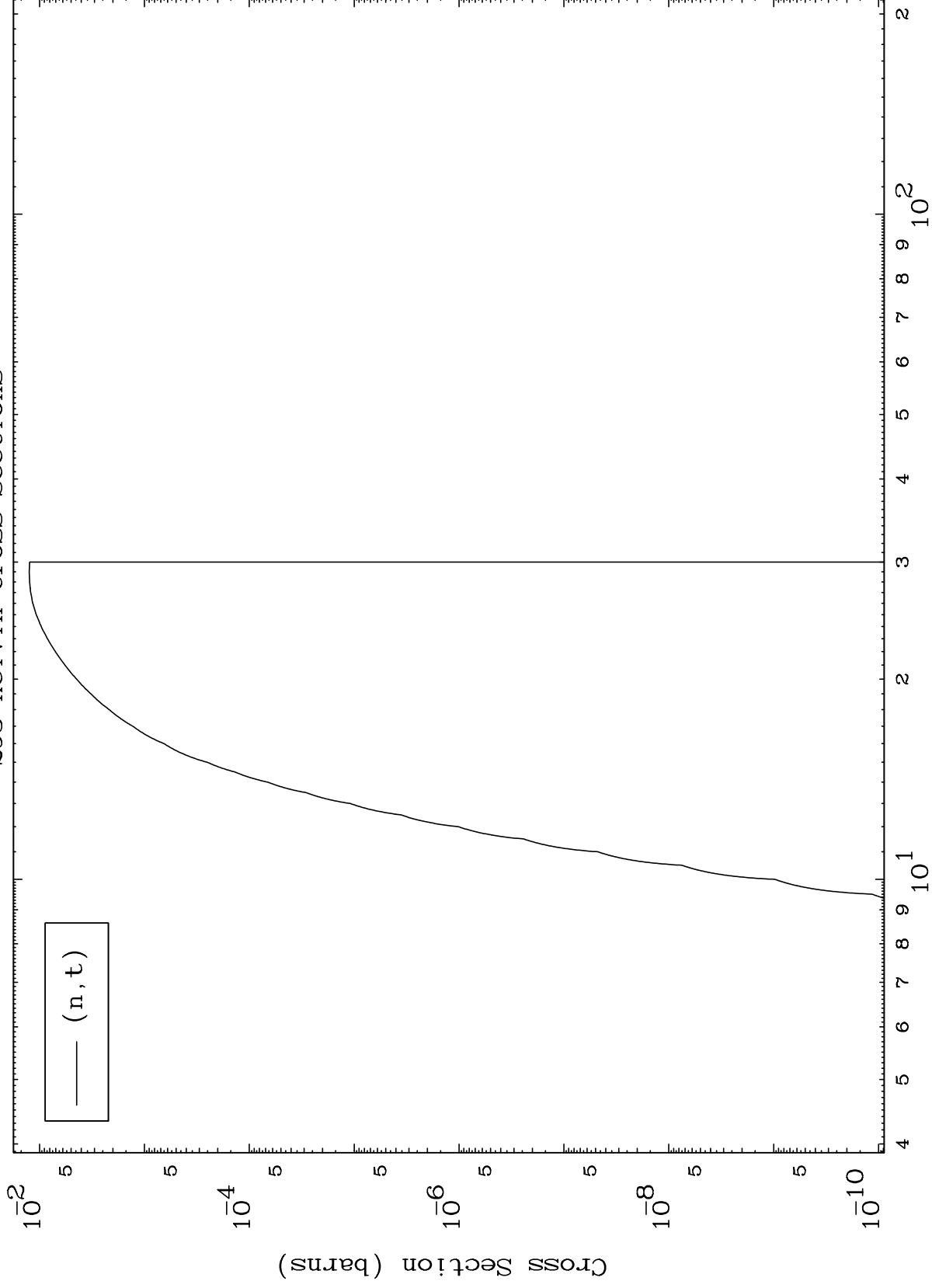


— (n,d)

MAT 6804

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-155



14

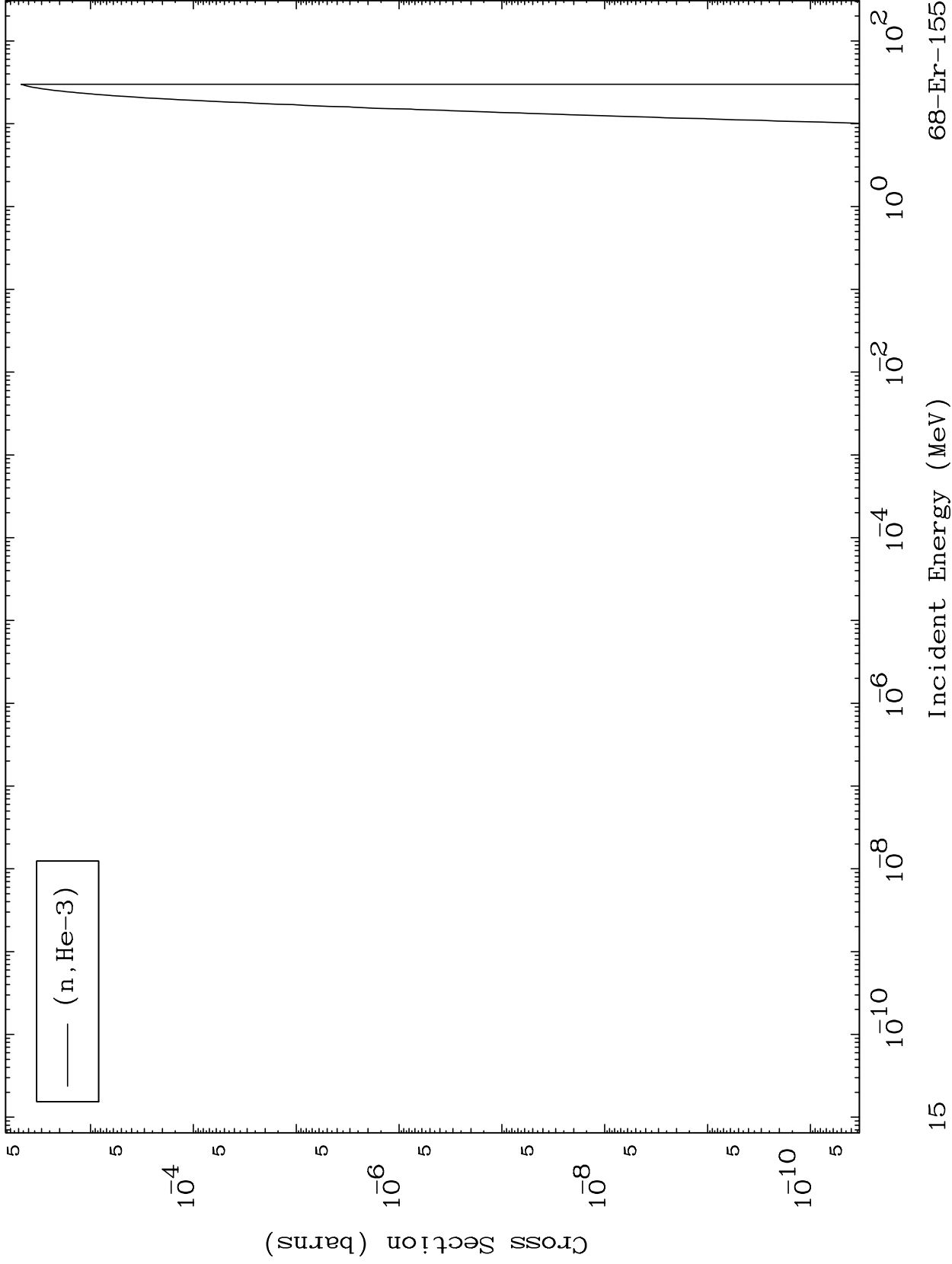
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,He3) Levels  
293 Kelvin Cross Sections

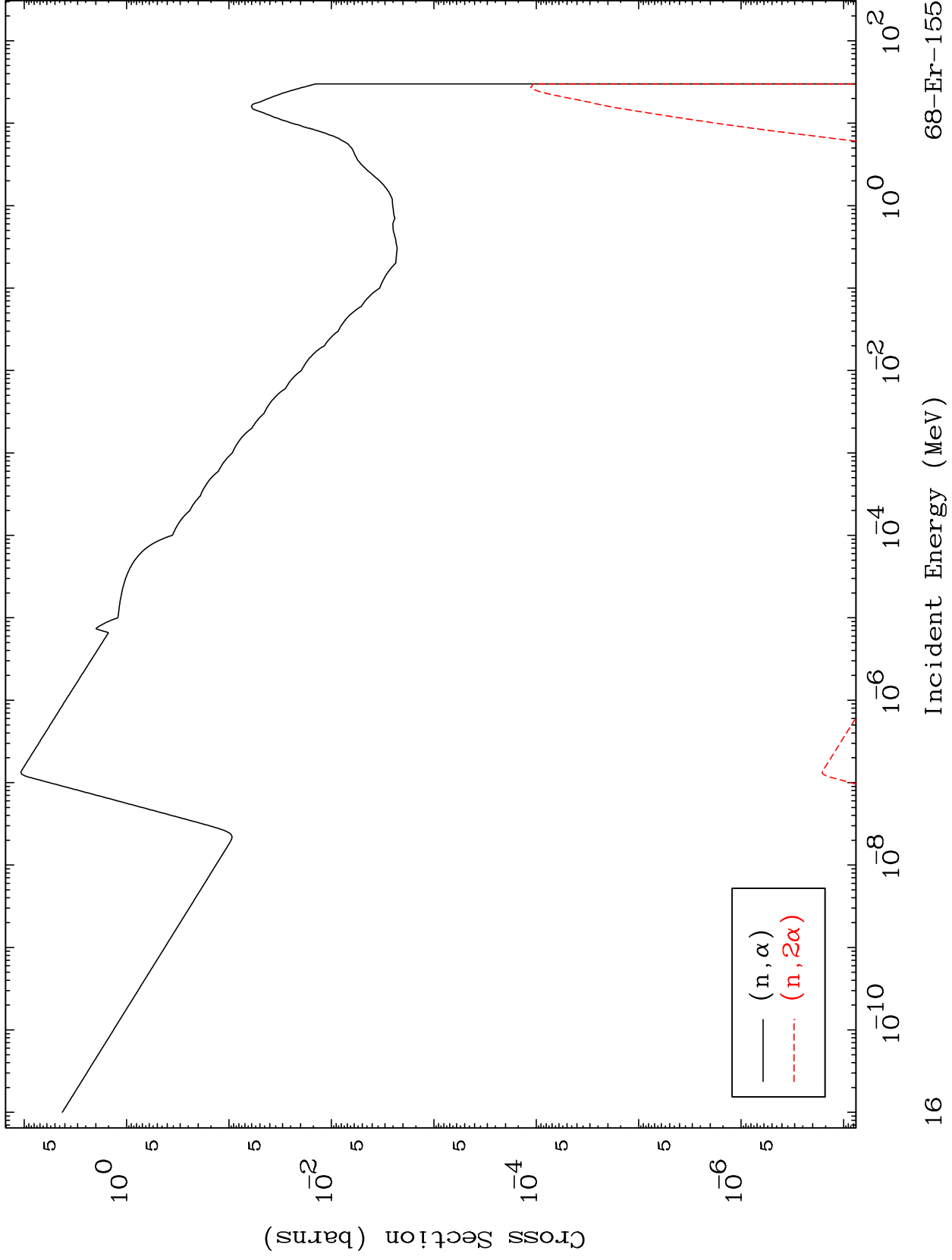
68-Er-155



MAT 6804

(n,α) Levels  
293 Kelvin Cross Sections

68-Er-155

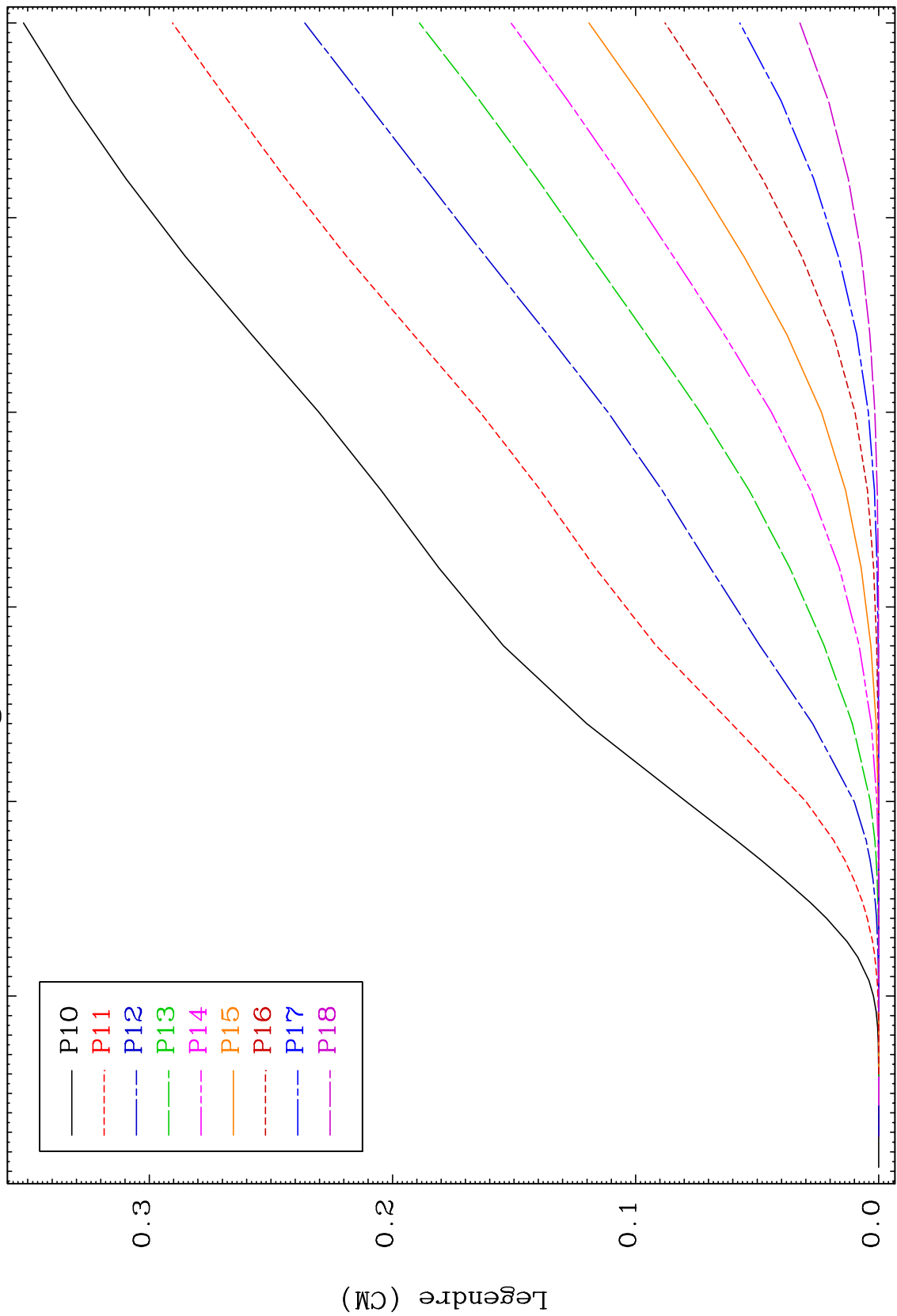




MAT 6804

Elastic Legendre Coefficients

68-Er-155



18

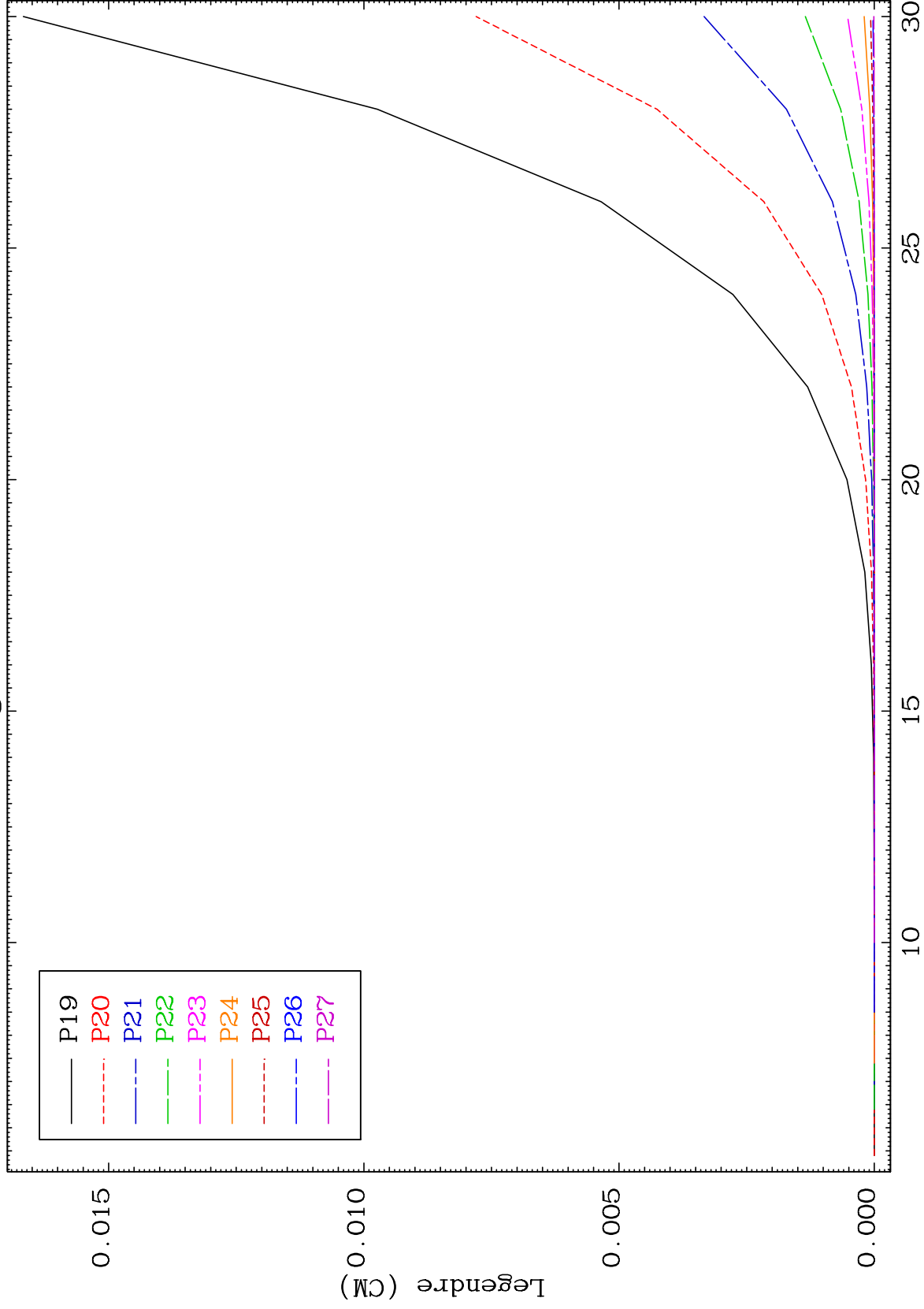
Incident Energy (MeV)

68-Er-155

MAT 6804

Elastic Legendre Coefficients

68-Er-155



19

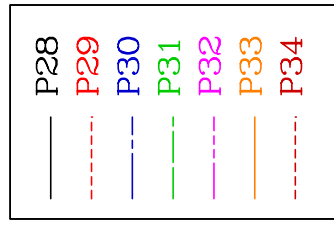
Incident Energy (MeV)

68-Er-155

MAT 6804

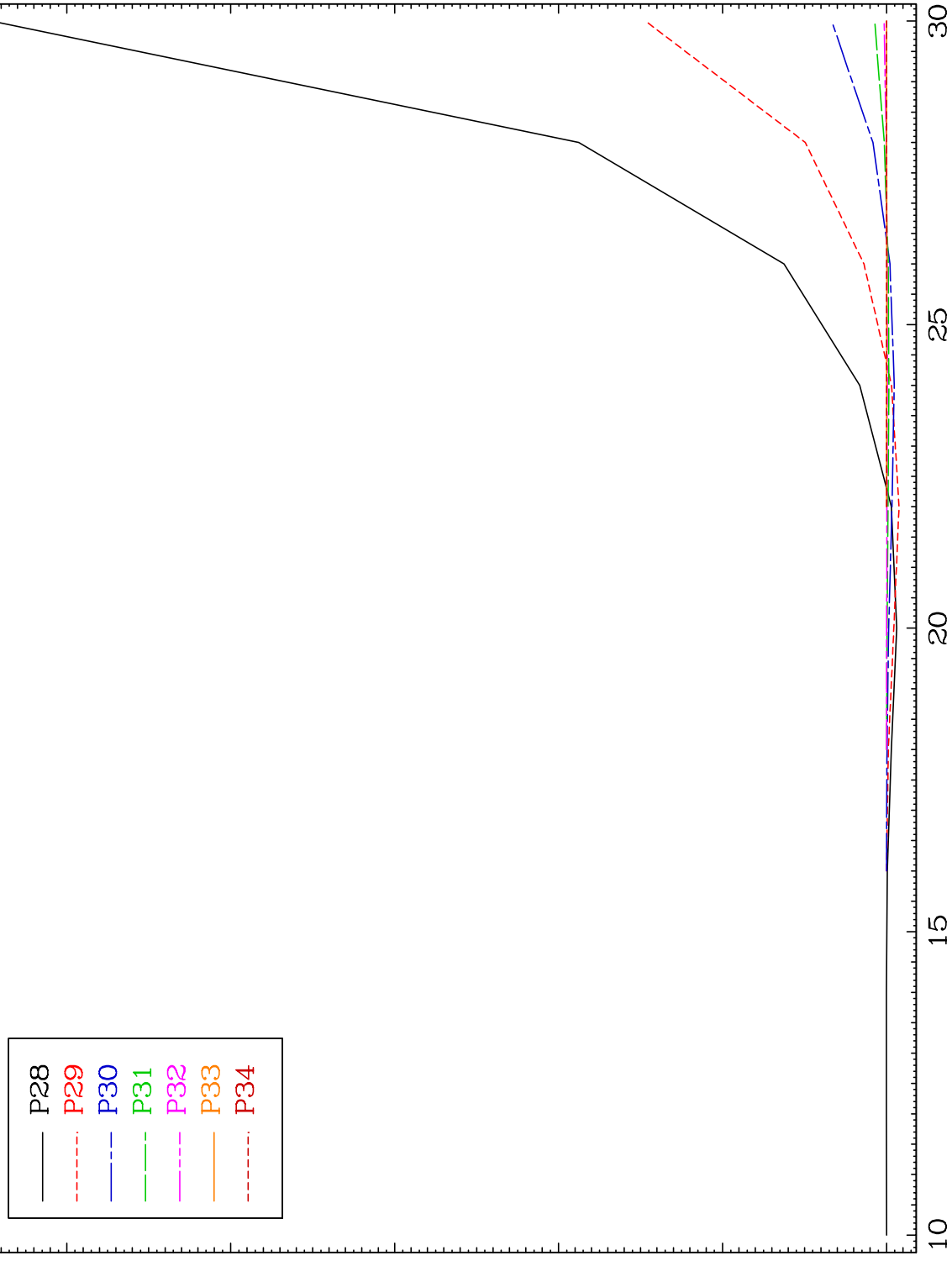
Elastic Legendre Coefficients

68-Er-155



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

Incident Energy (MeV)

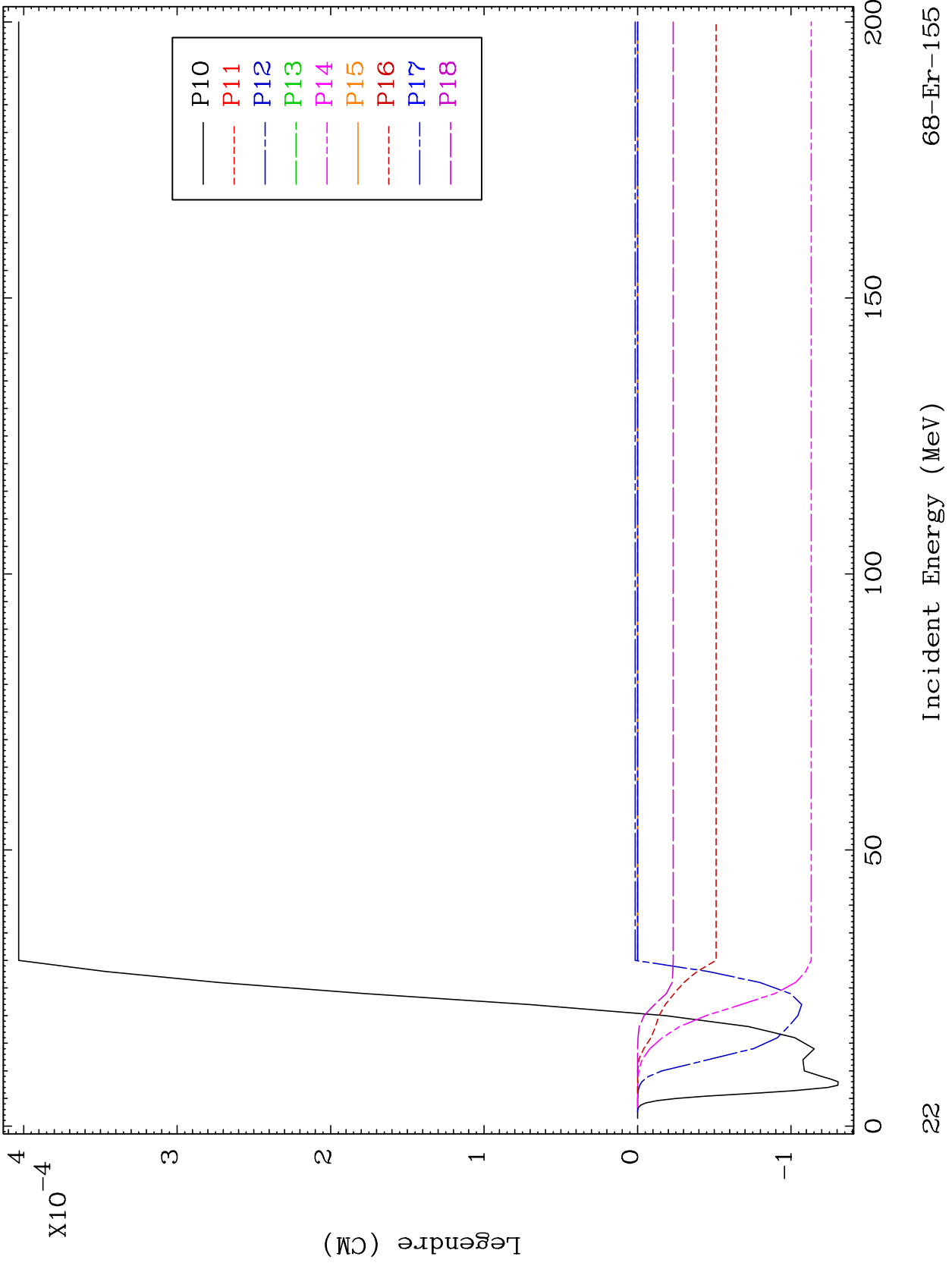
68-Er-155



MAT 6804

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

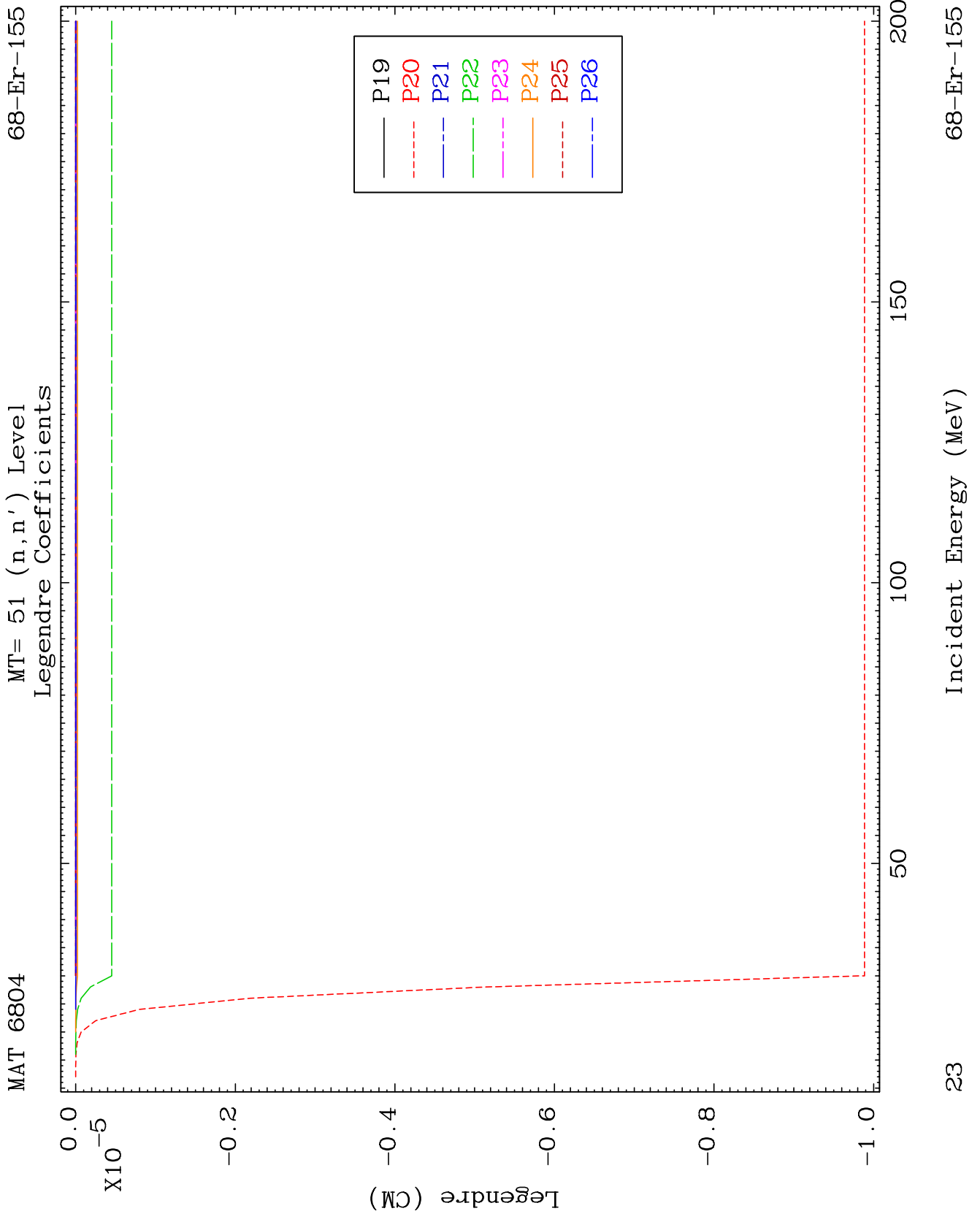
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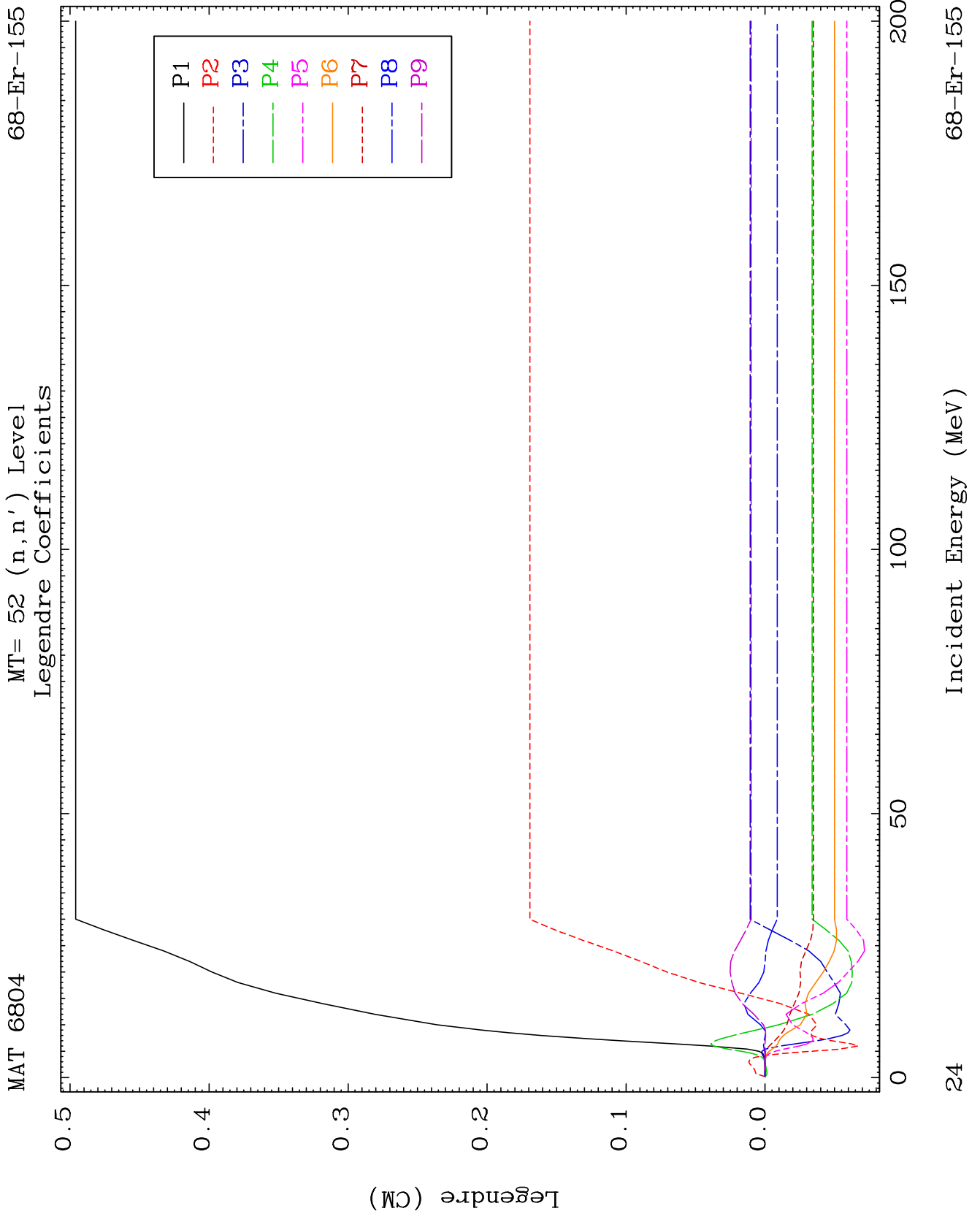


68-Er-155

Incident Energy (MeV)

22

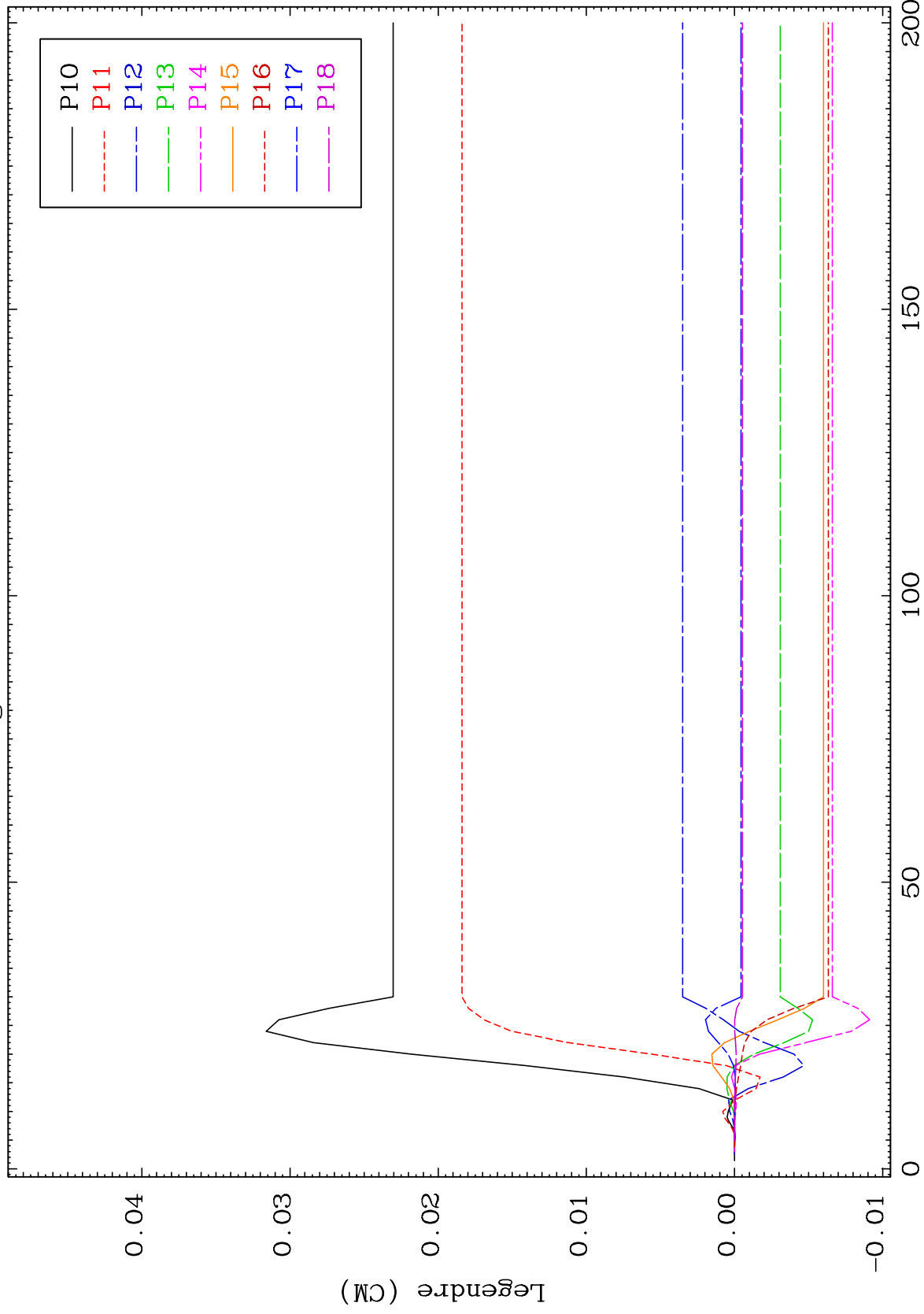




MAT 6804

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

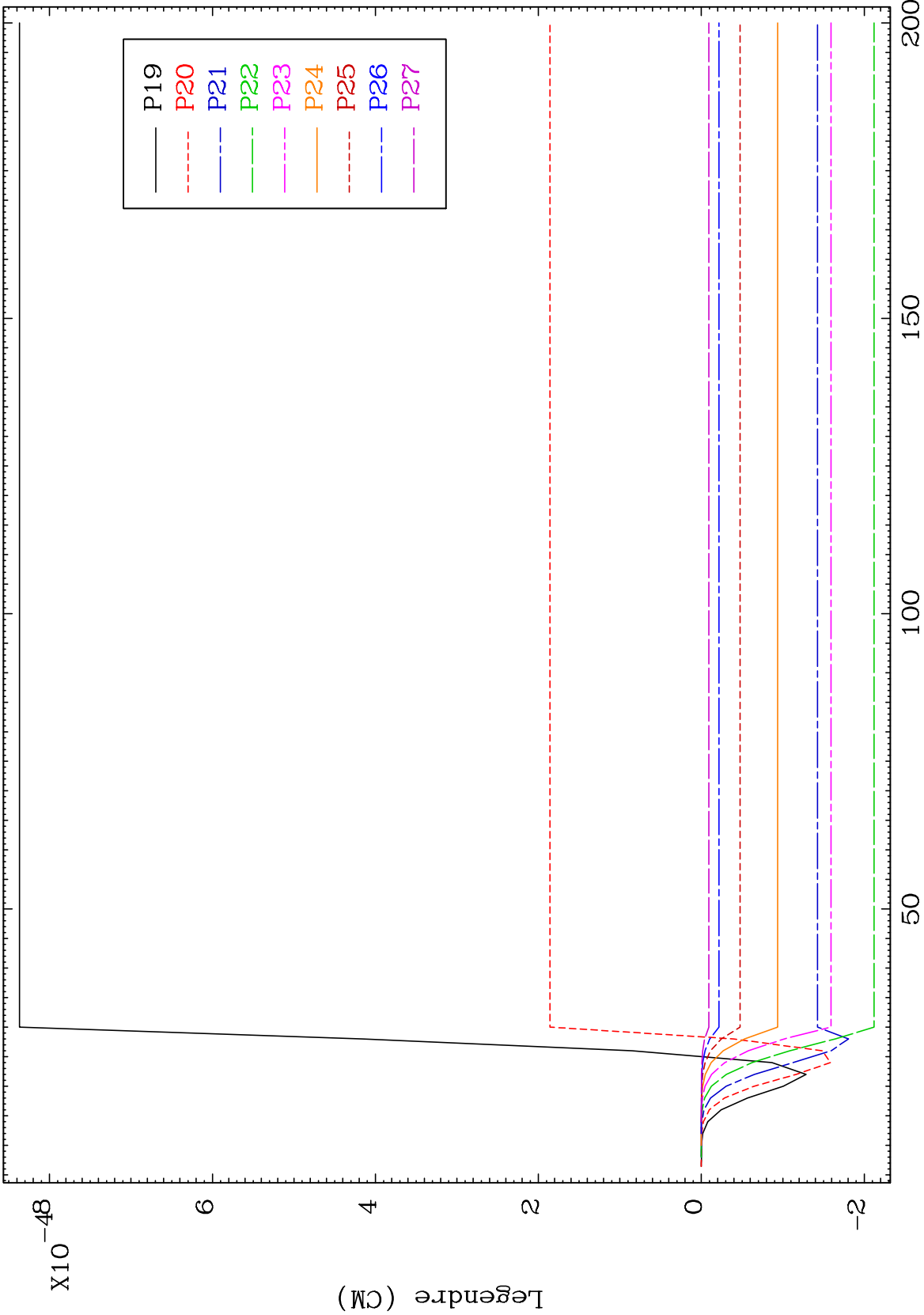
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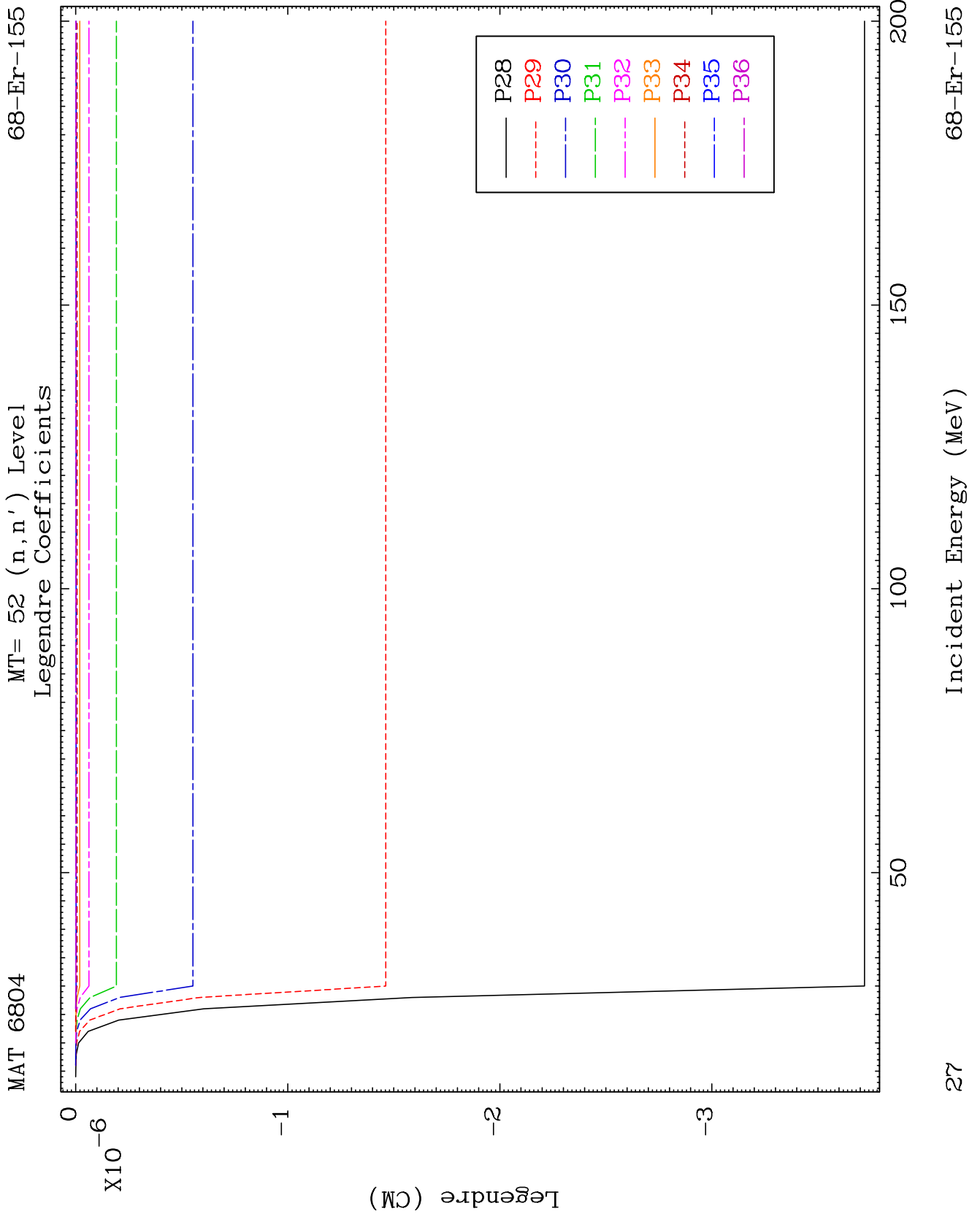


25

Incident Energy (MeV)

68-Er-155

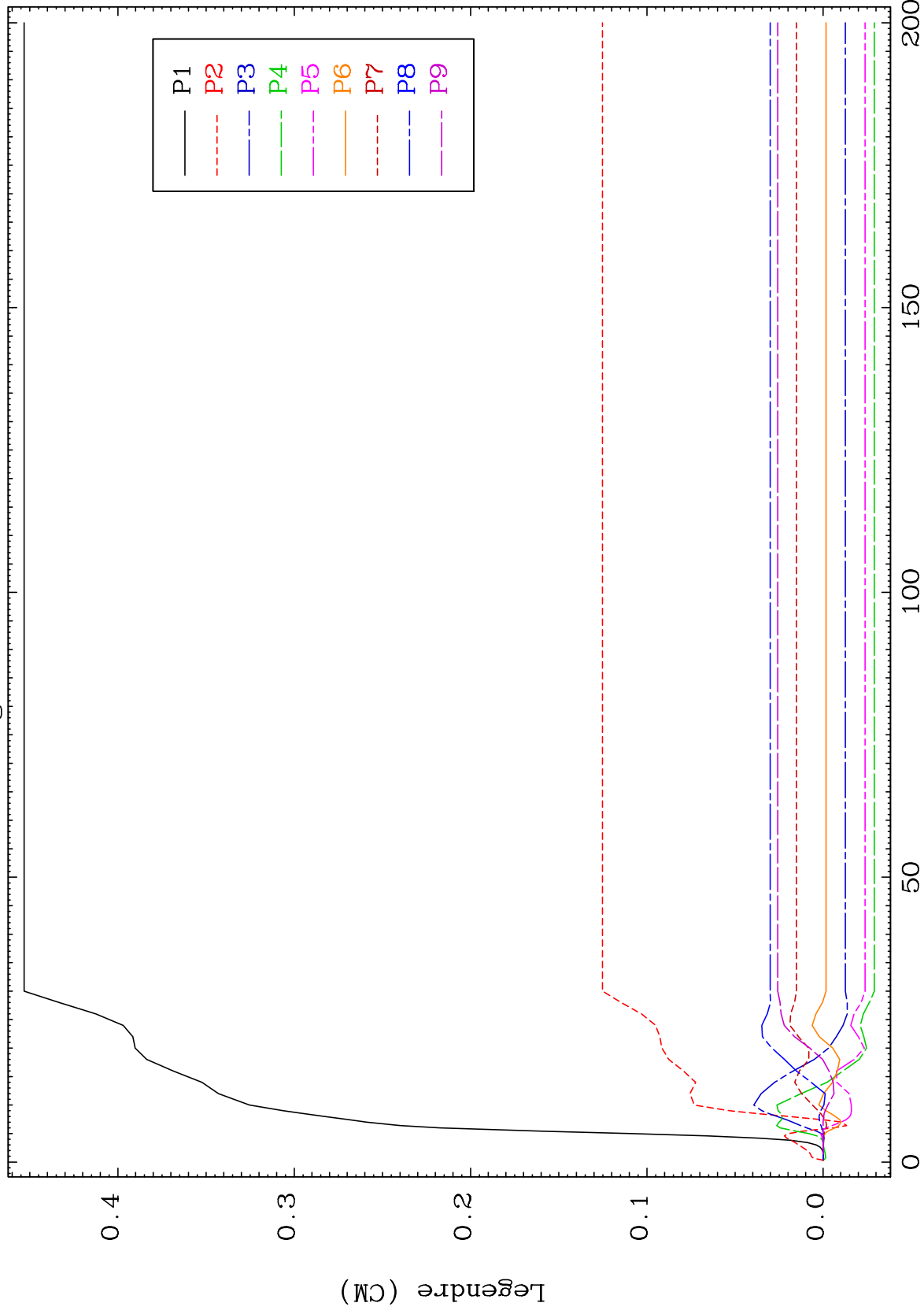




MAT 6804

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

68-Er-155



28

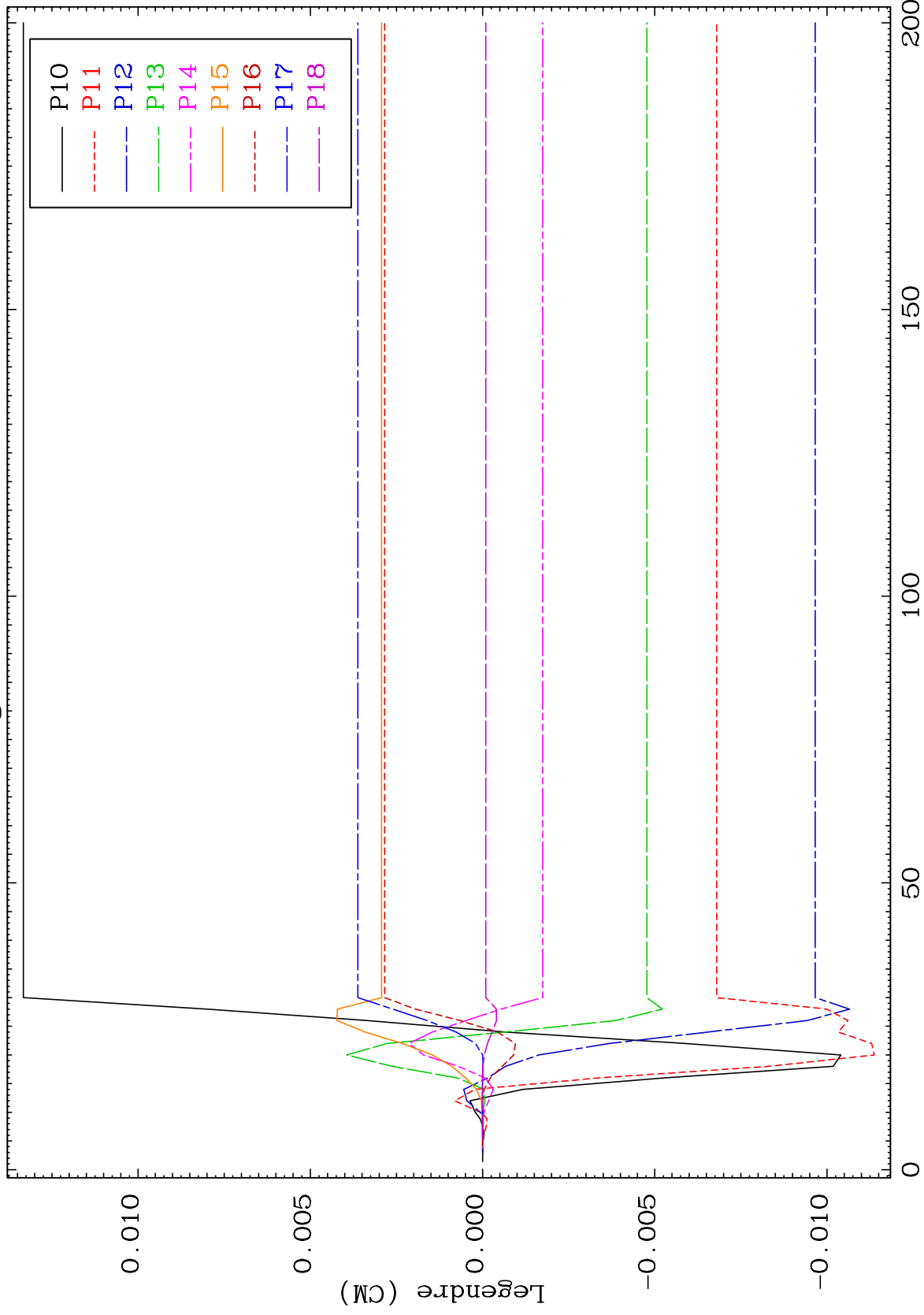
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

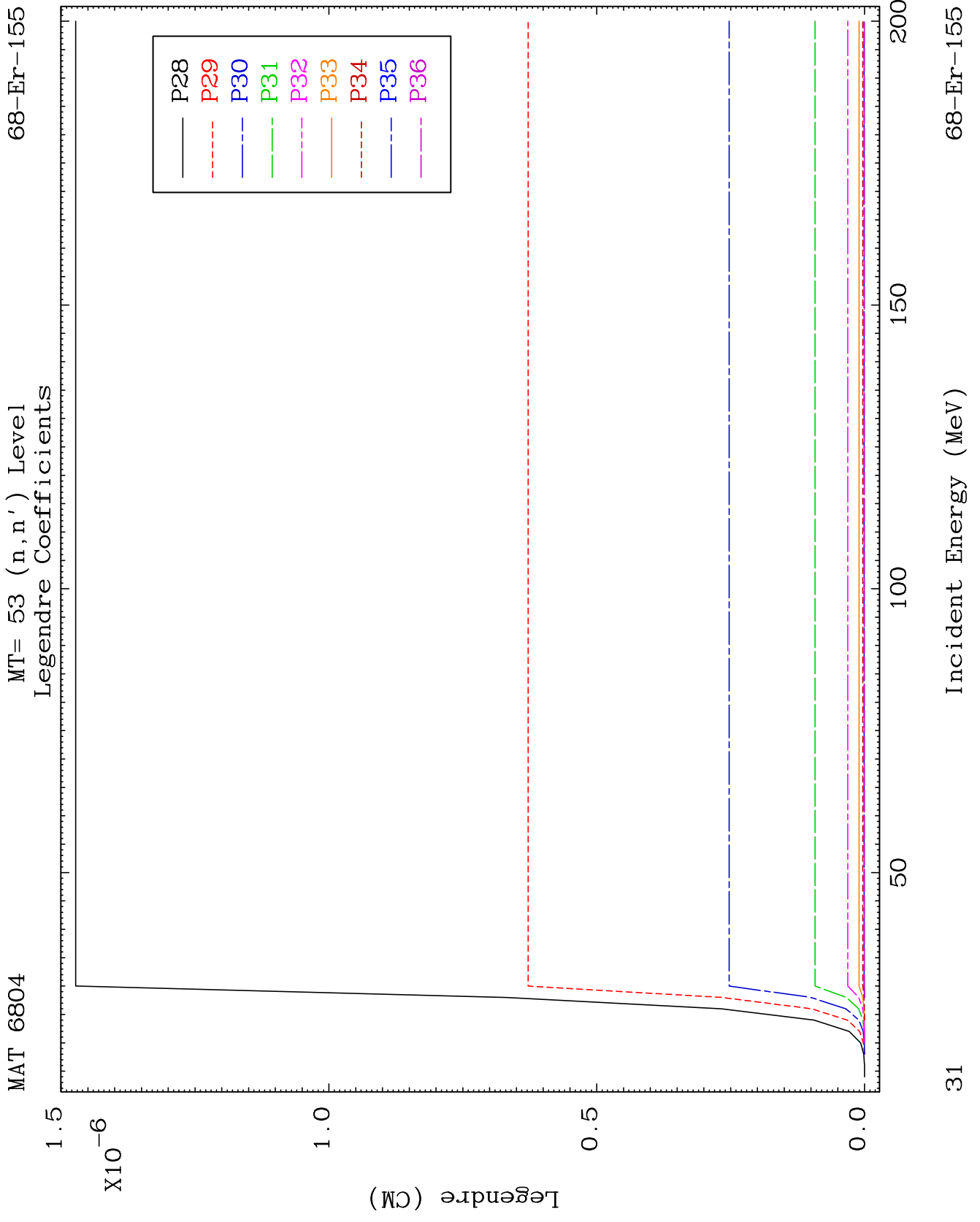


29

Incident Energy (MeV)

68-Er-155

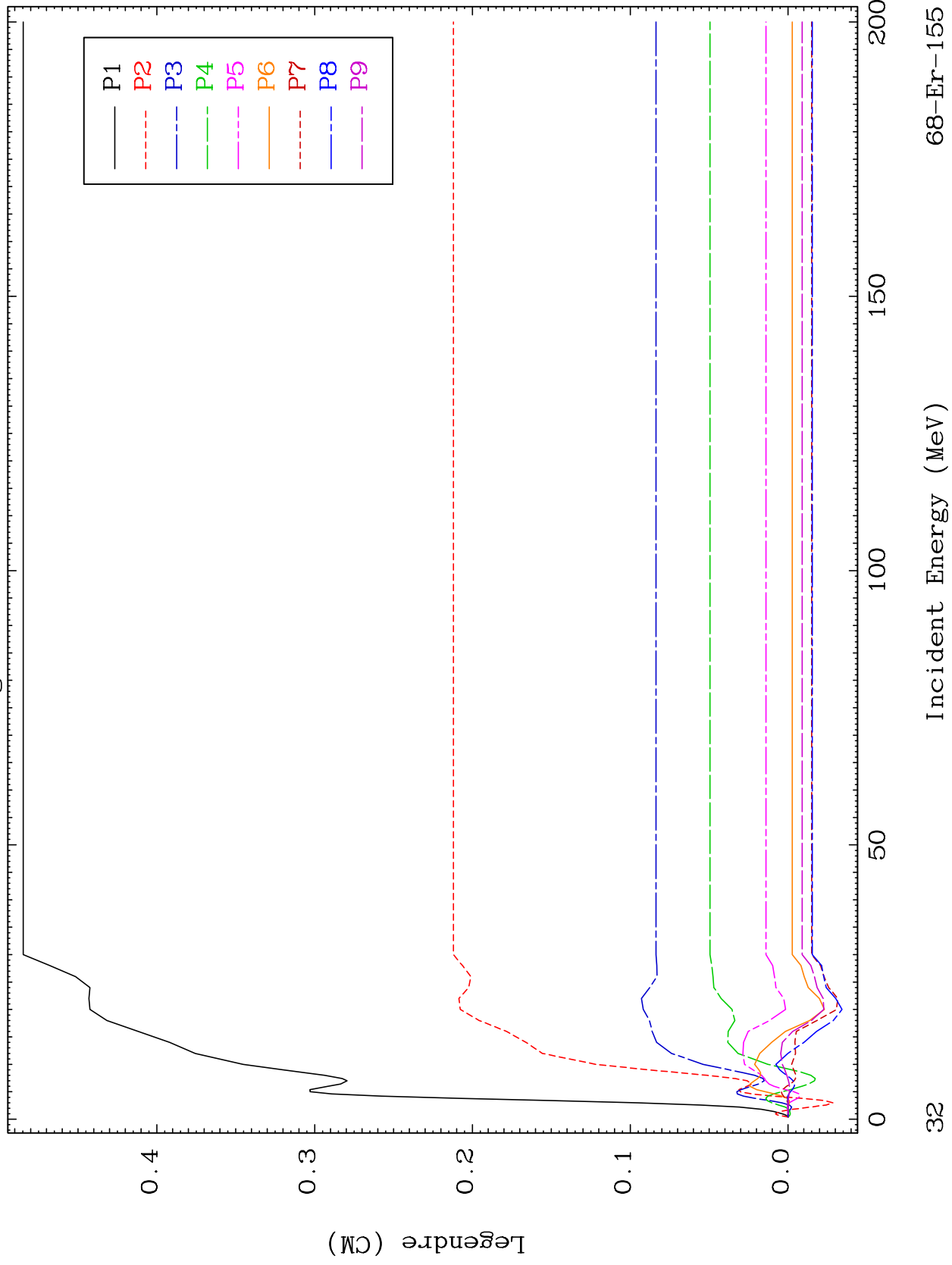




MAT 6804

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

68-Er-155



68-Er-155

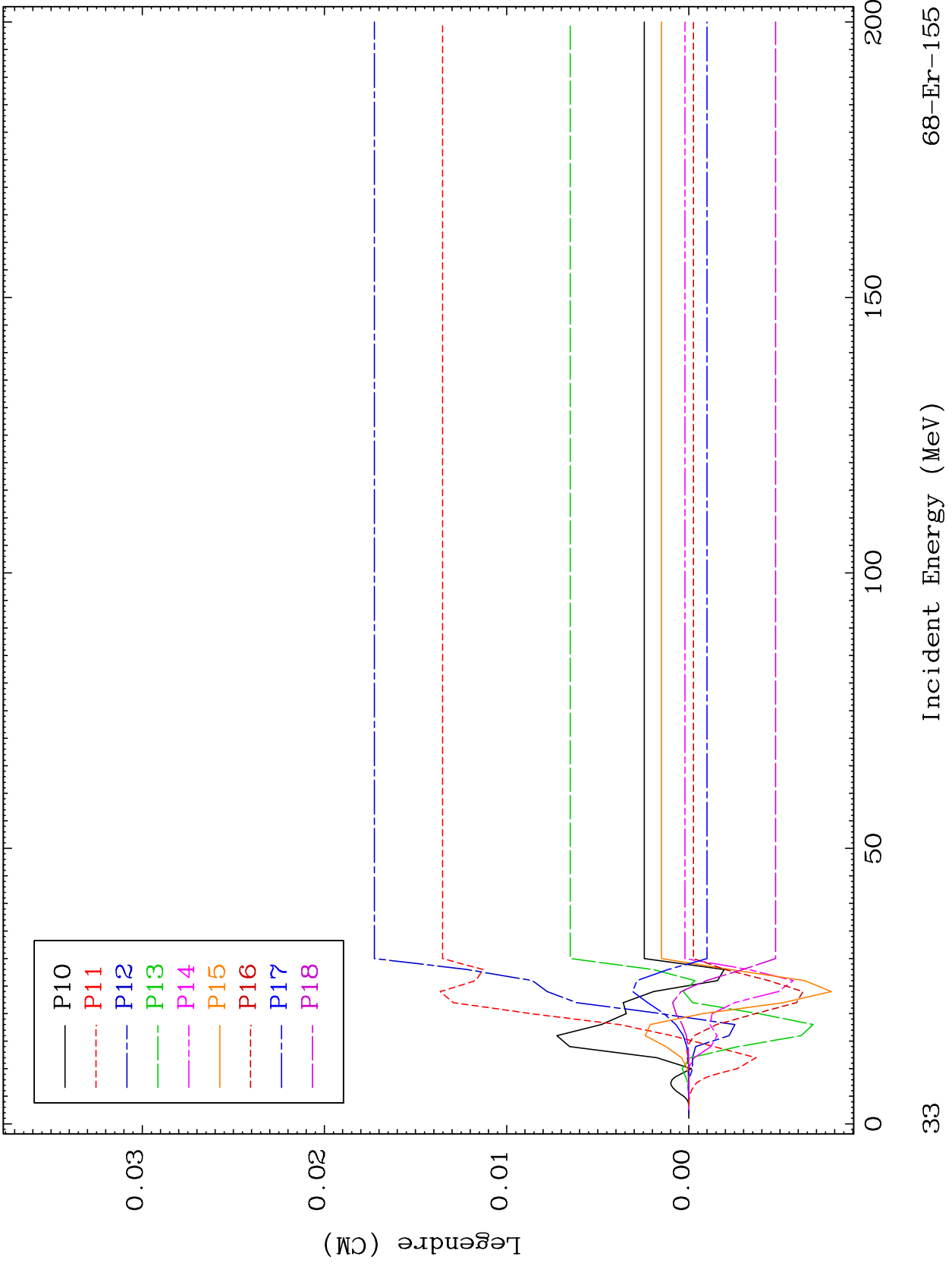
Incident Energy (MeV)

32

MAT 6804

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

68-Er-155

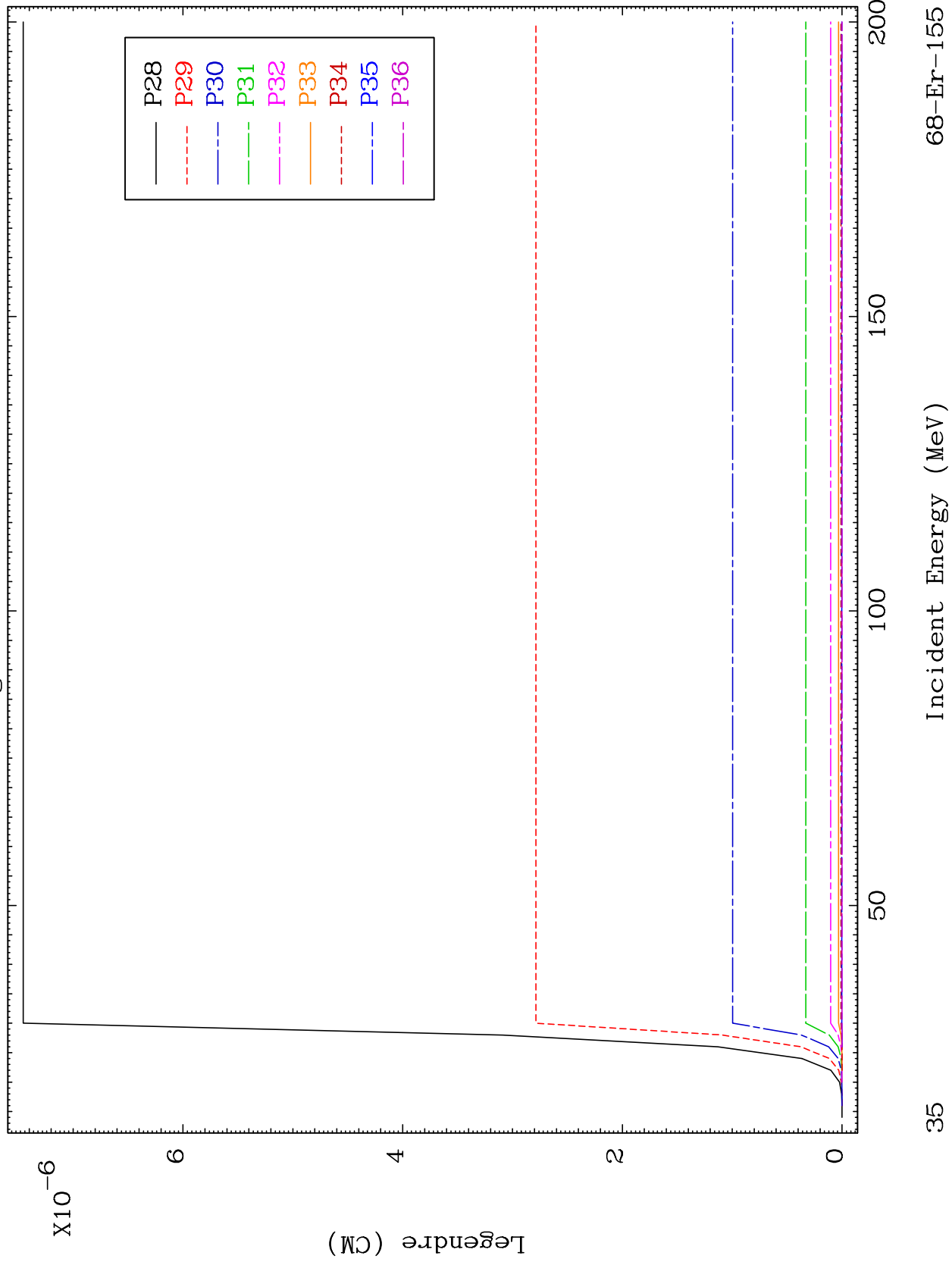




MAT 6804

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

68-Er-155

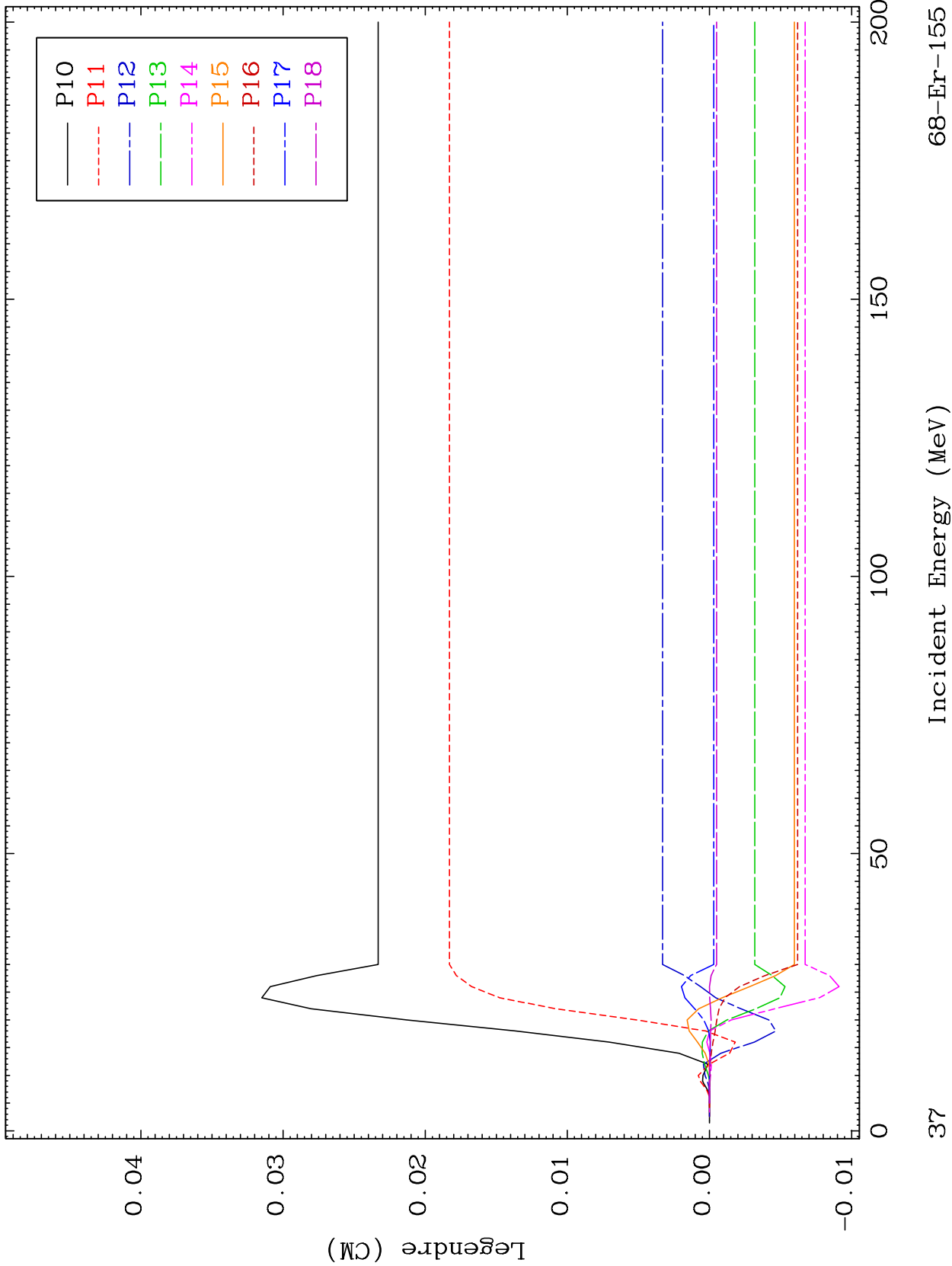




MAT 6804

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

68-Er-155



37

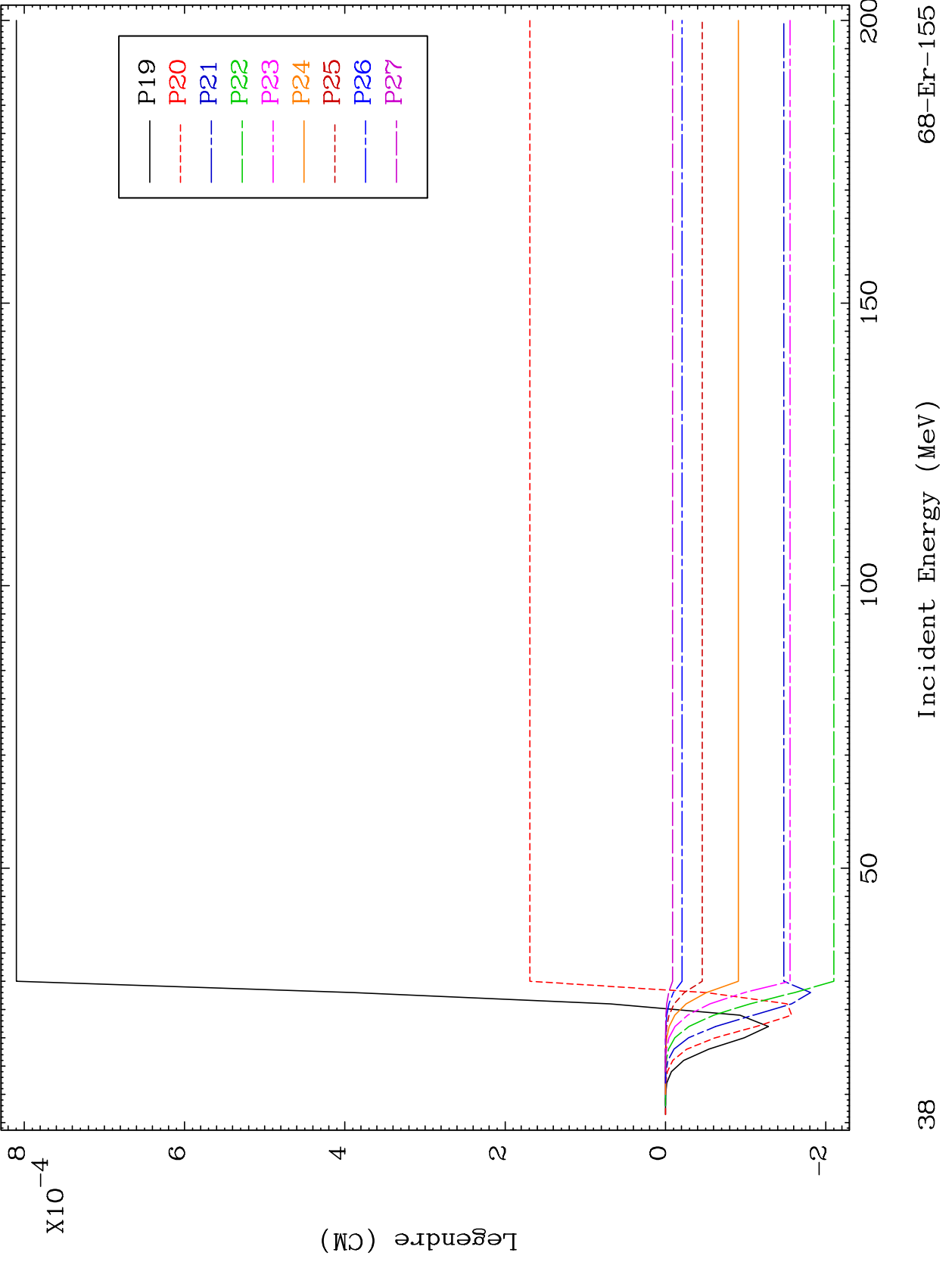
Incident Energy (MeV)

68-Er-155

MAT 6804

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

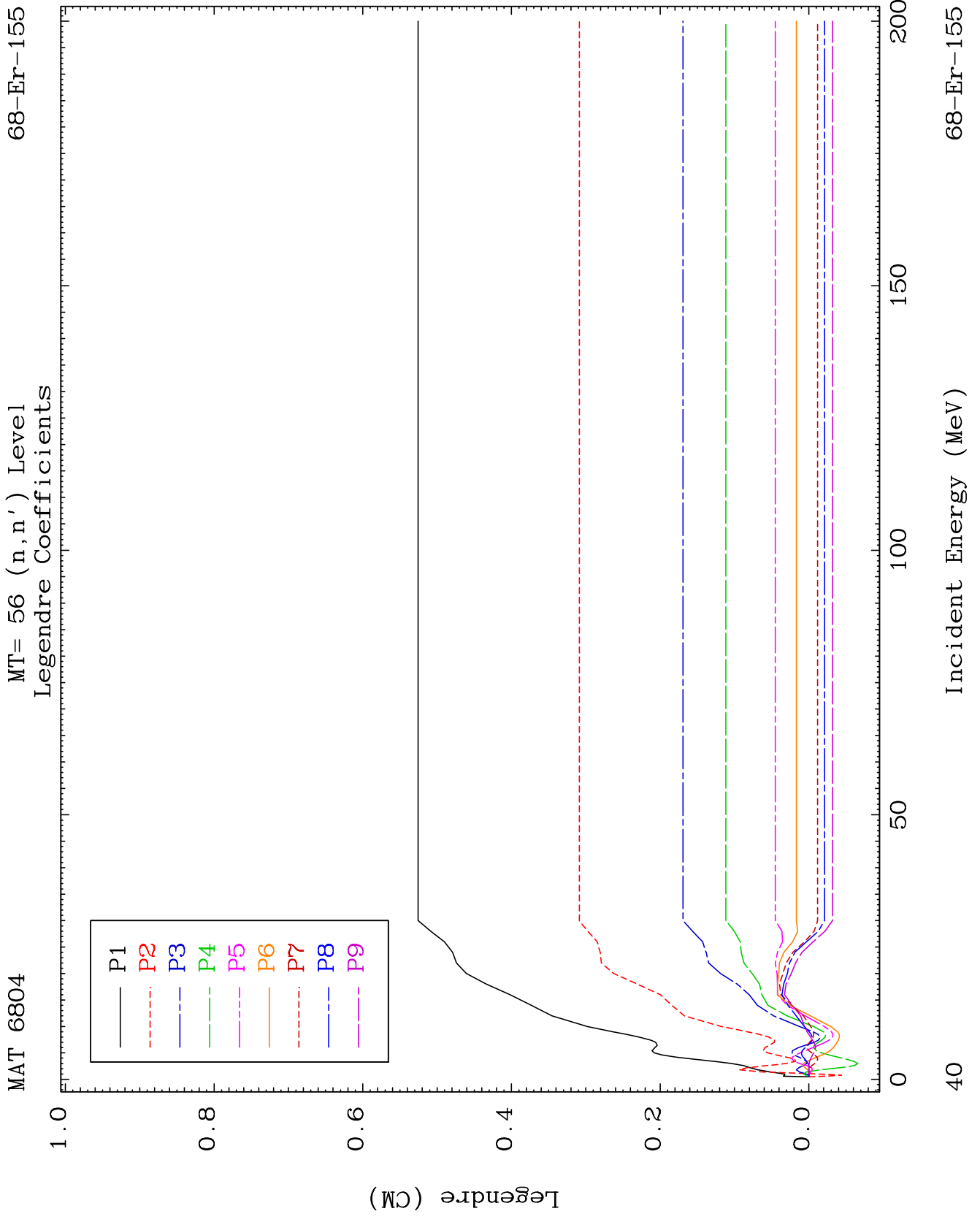
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38

68-Er-155

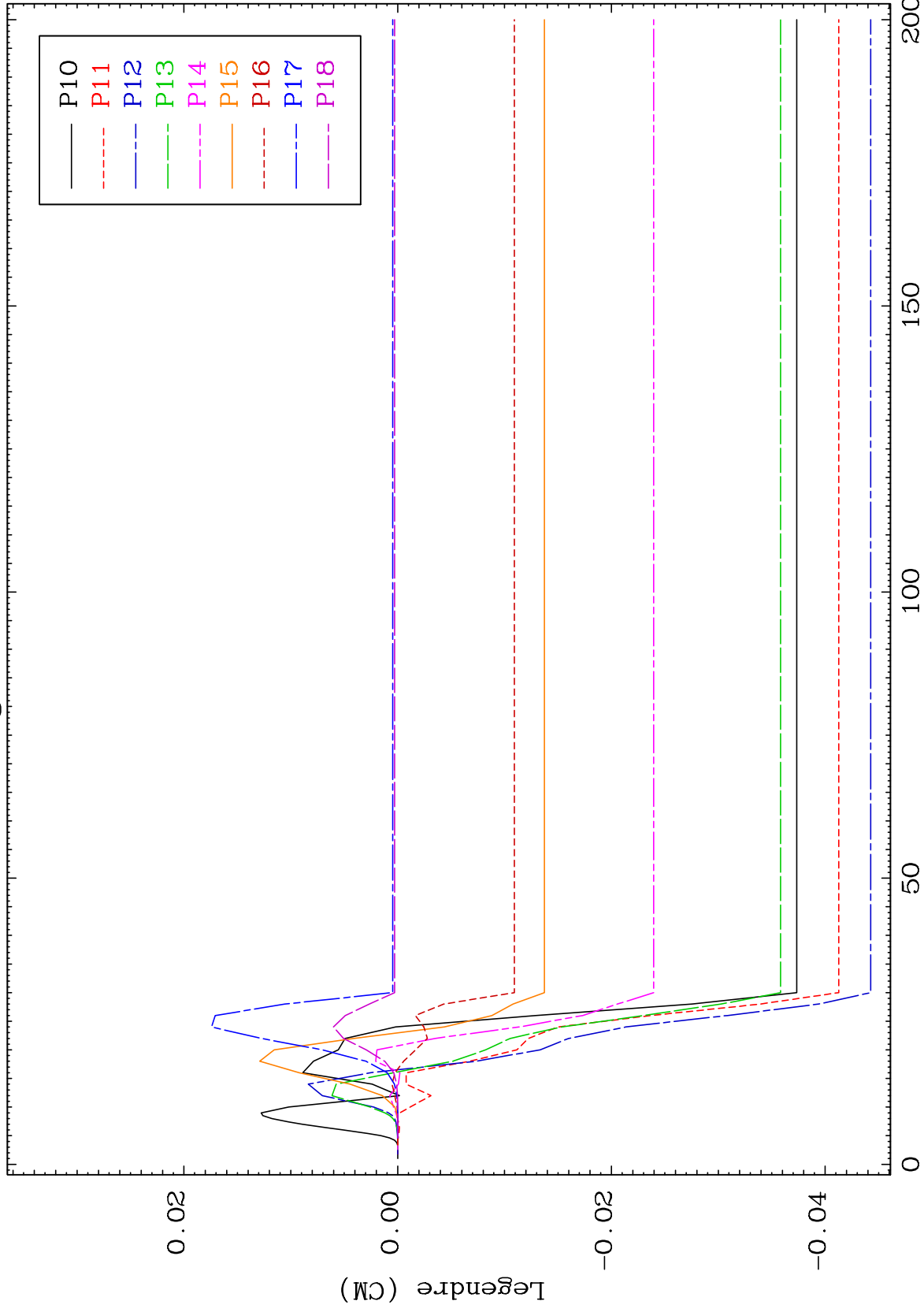




MAT 6804

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

68-Er-155



41

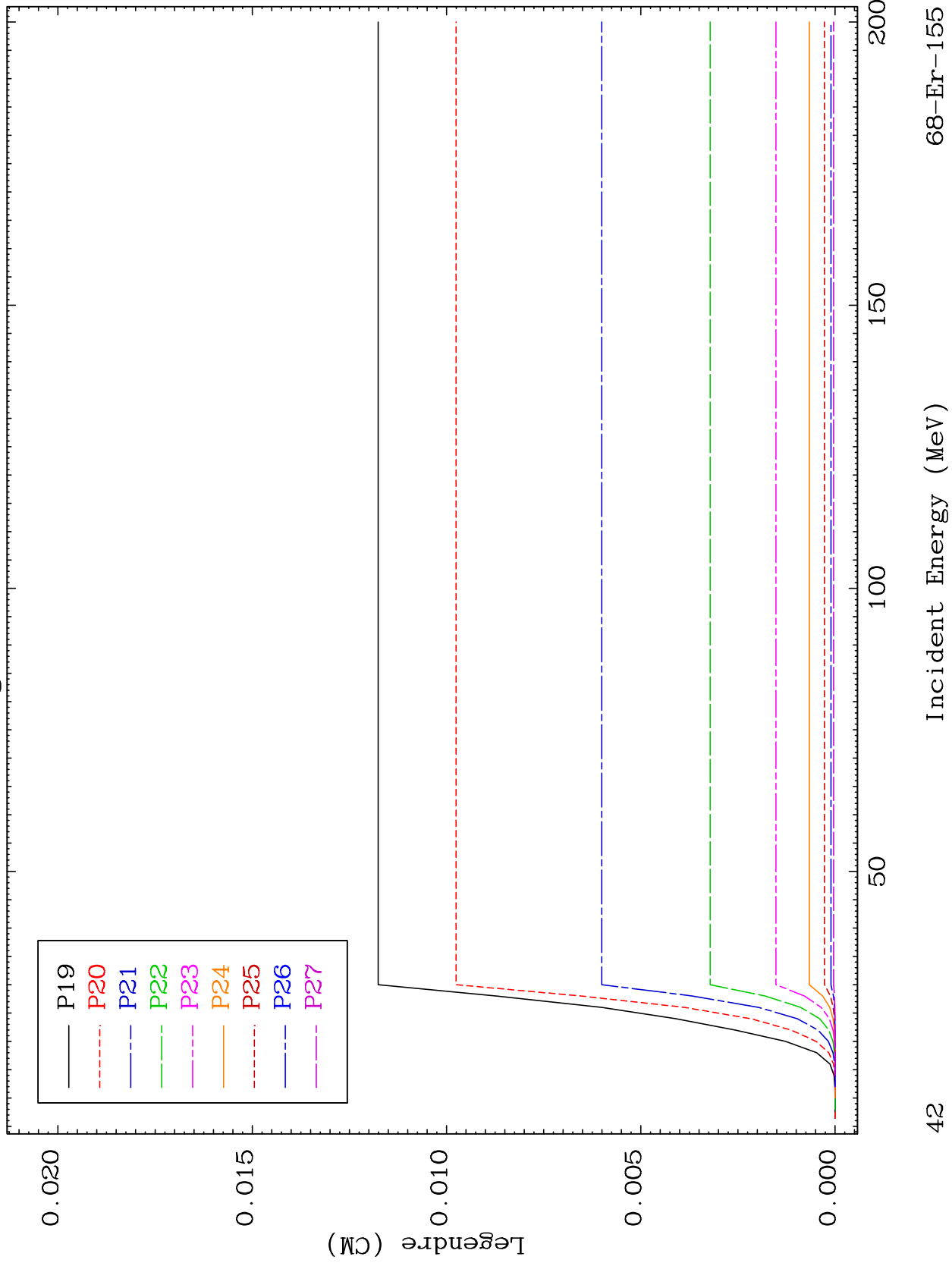
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



42

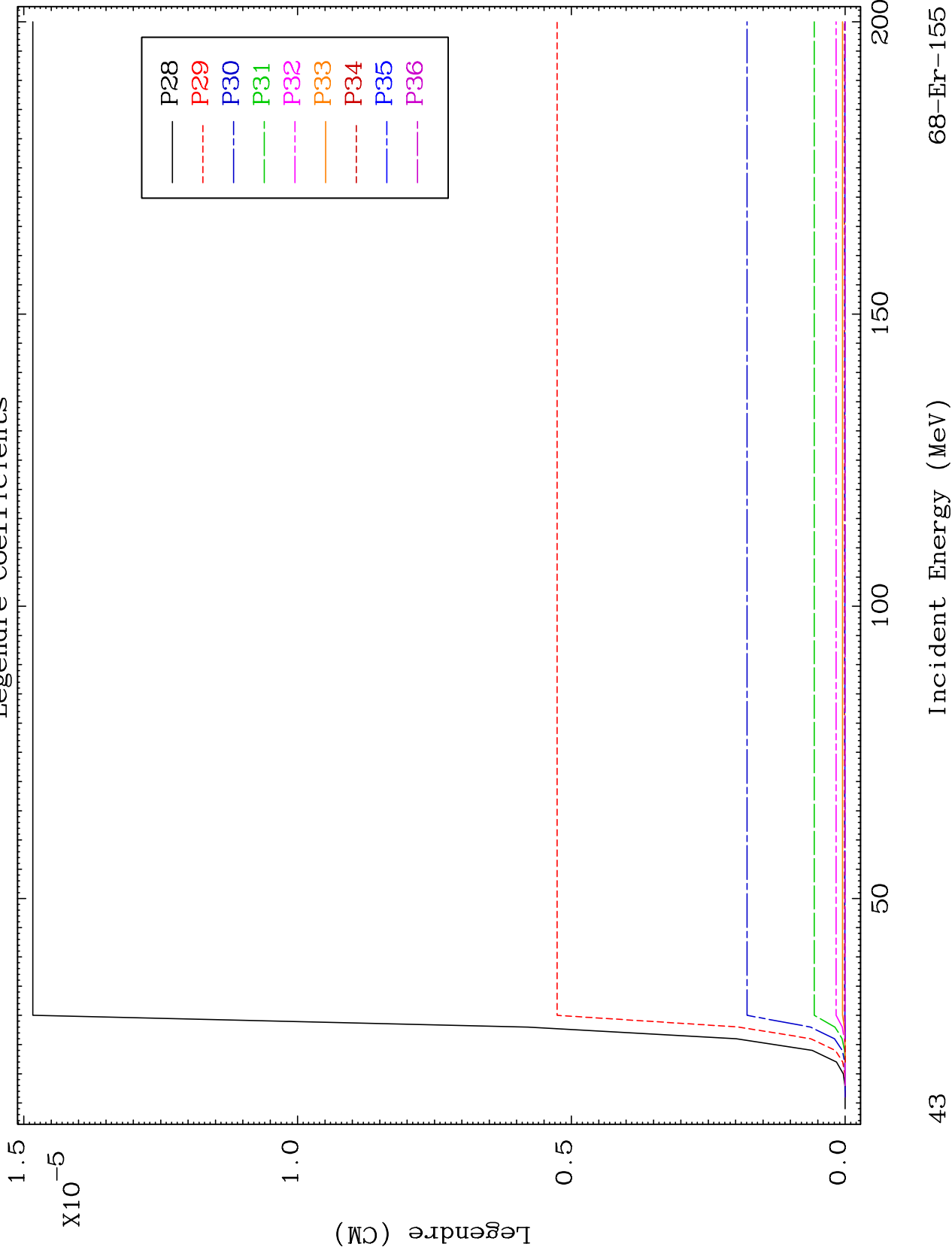
Incident Energy (MeV)

68-Er-155

MAT 6804

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

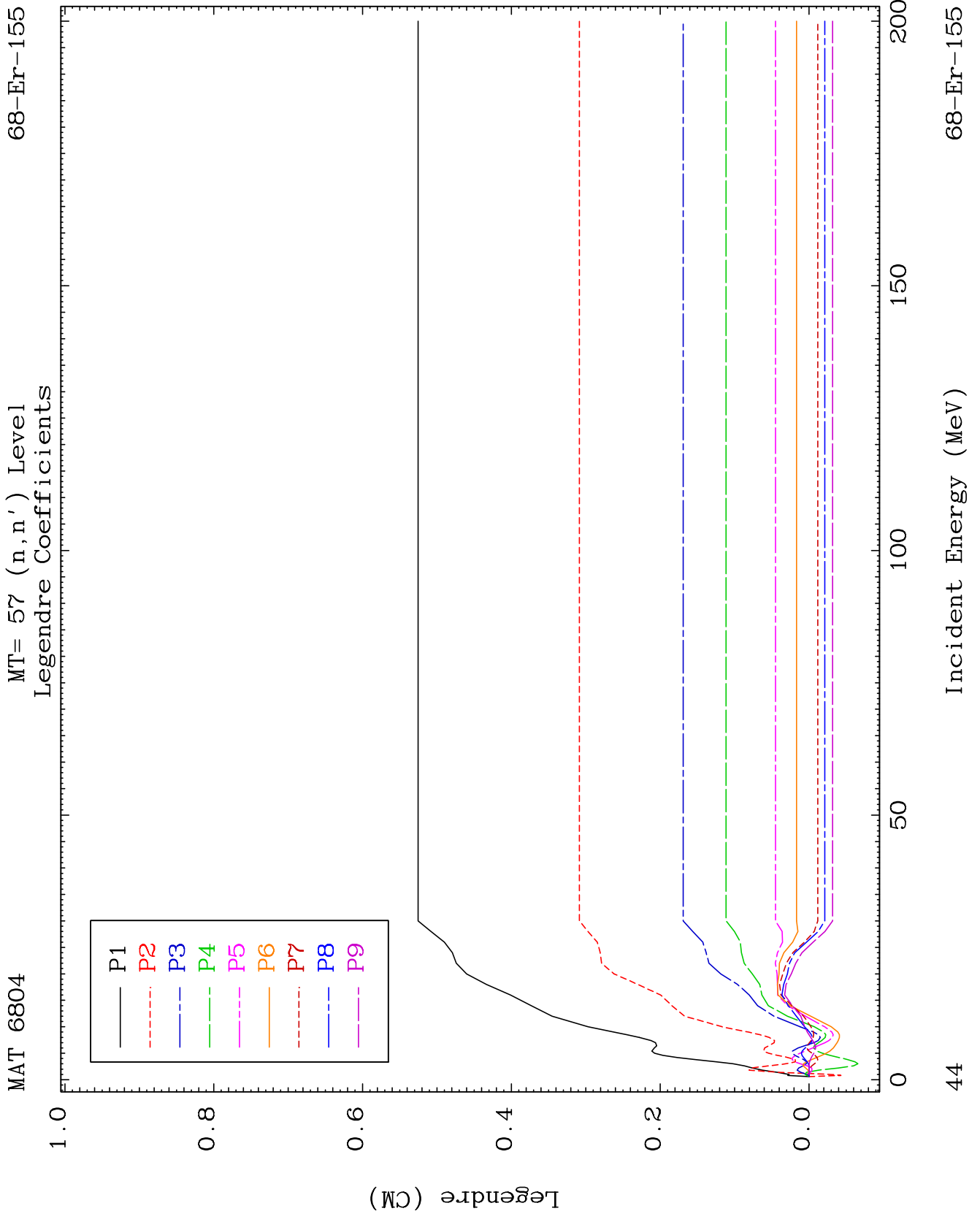
68-Er-155



43

Incident Energy (MeV)

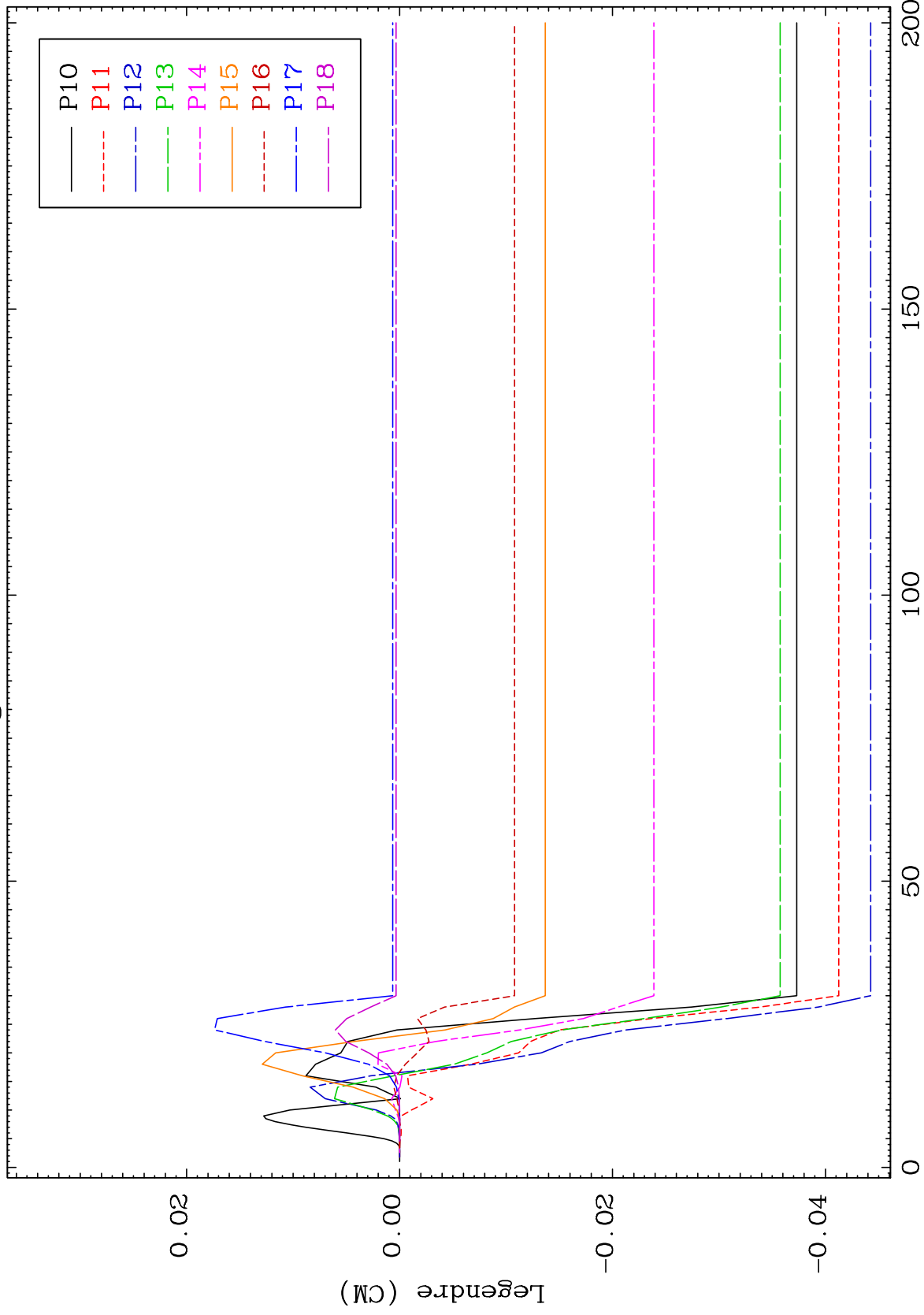
68-Er-155



MAT 6804

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

68-Er-155



45

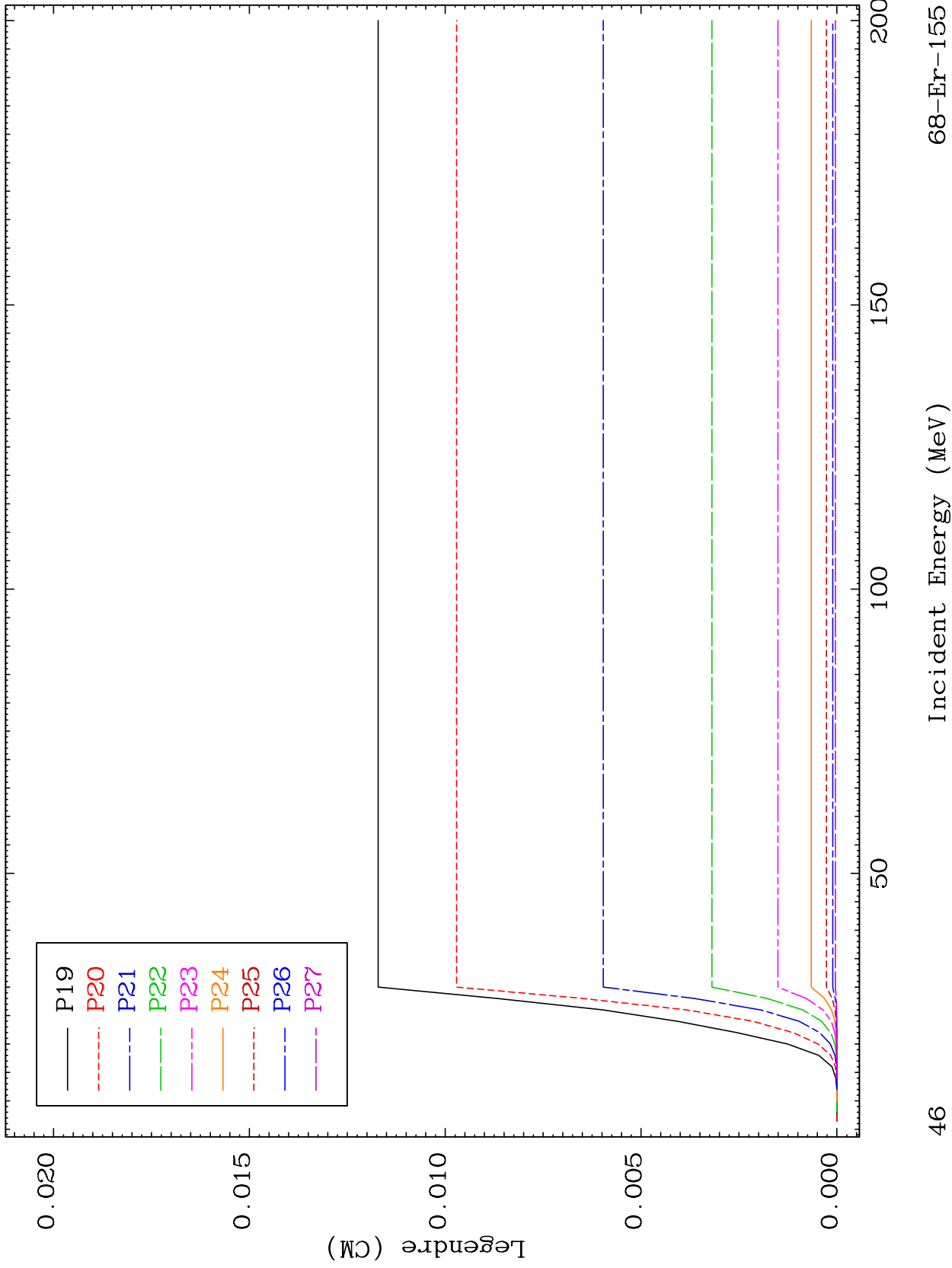
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



46

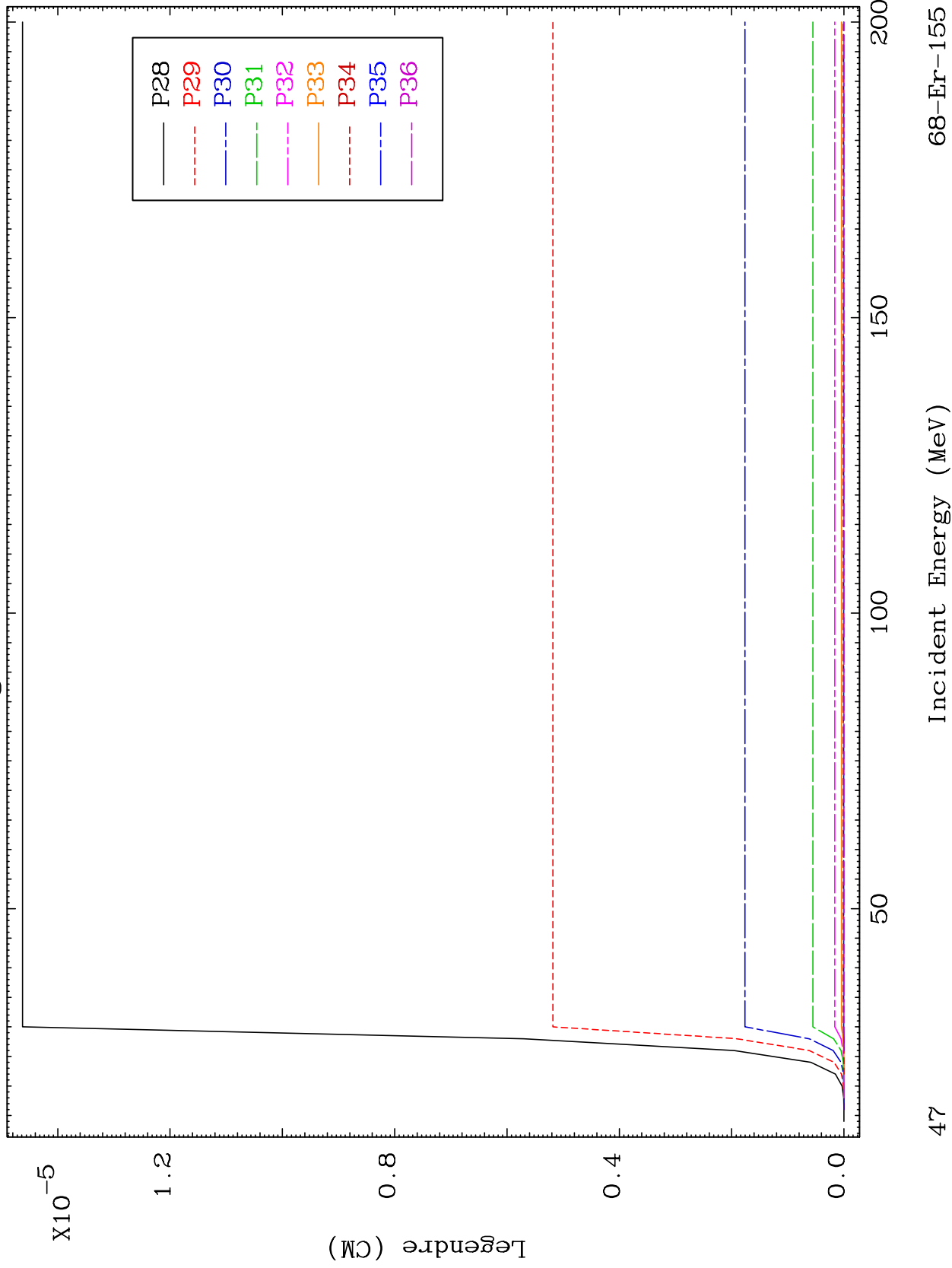
Incident Energy (MeV)

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MAT 6804

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

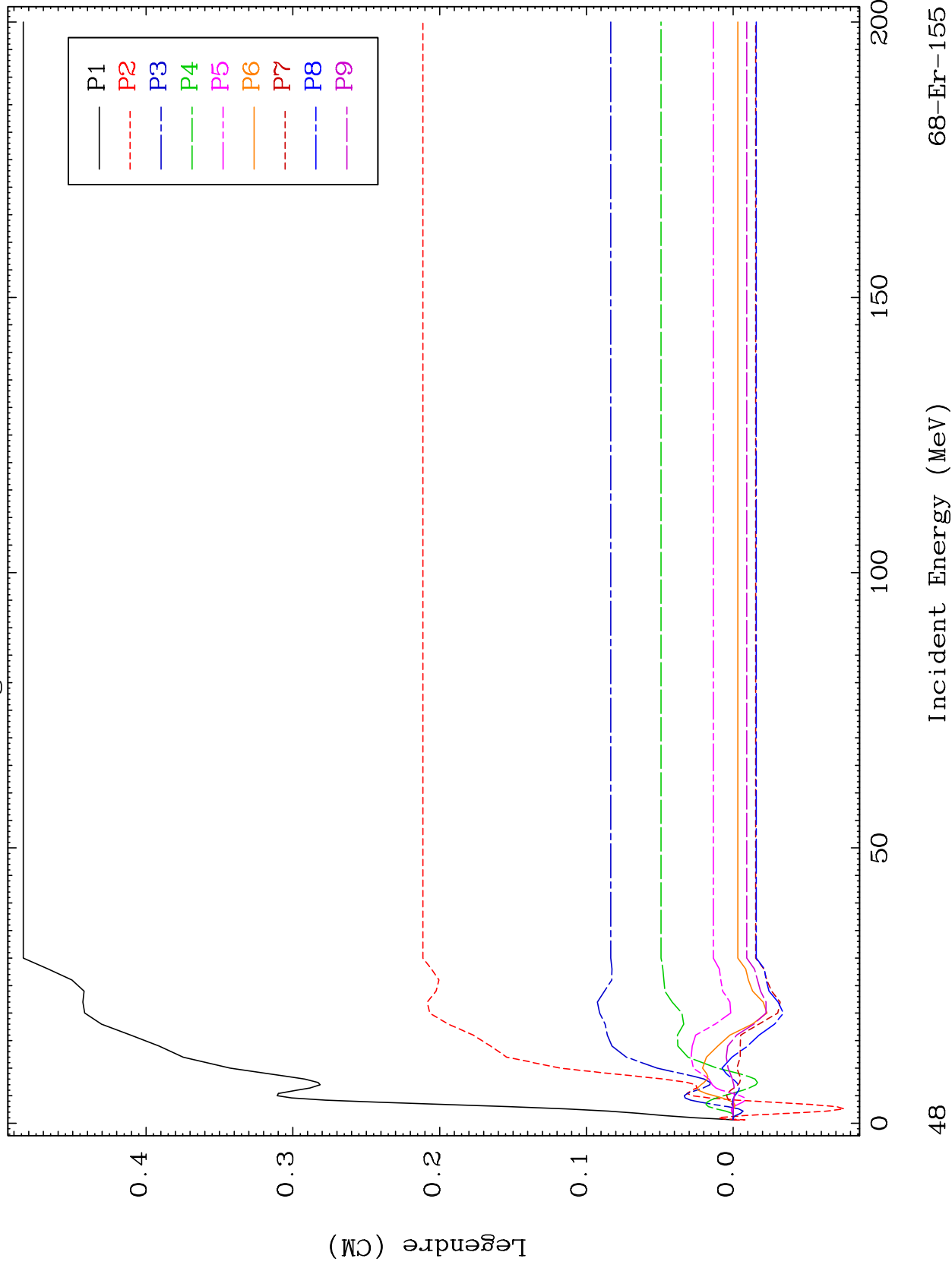
68-Er-155



MAT 6804

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

68-Er-155



68-Er-155

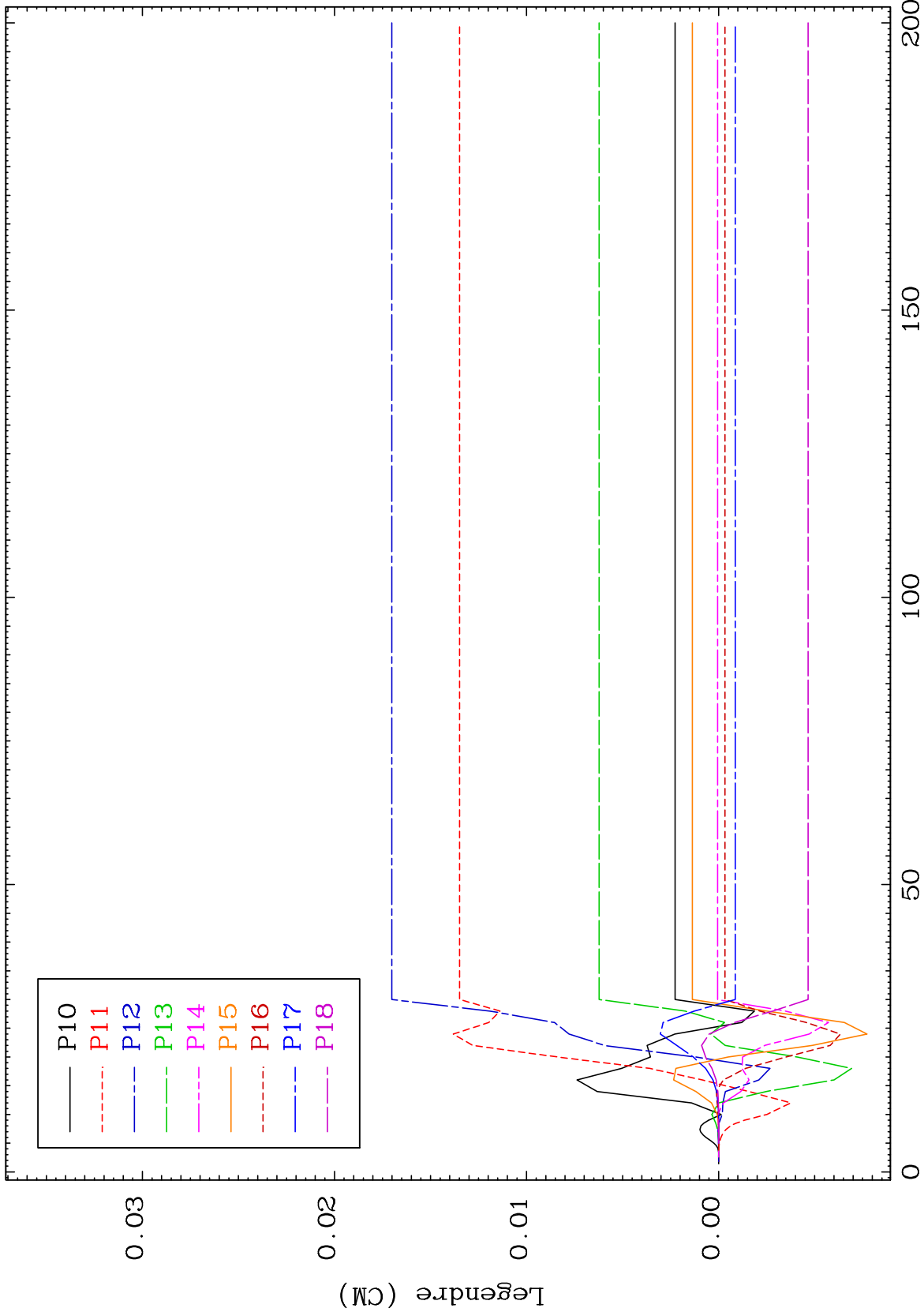
Incident Energy (MeV)

48

MAT 6804

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

68-Er-155



49

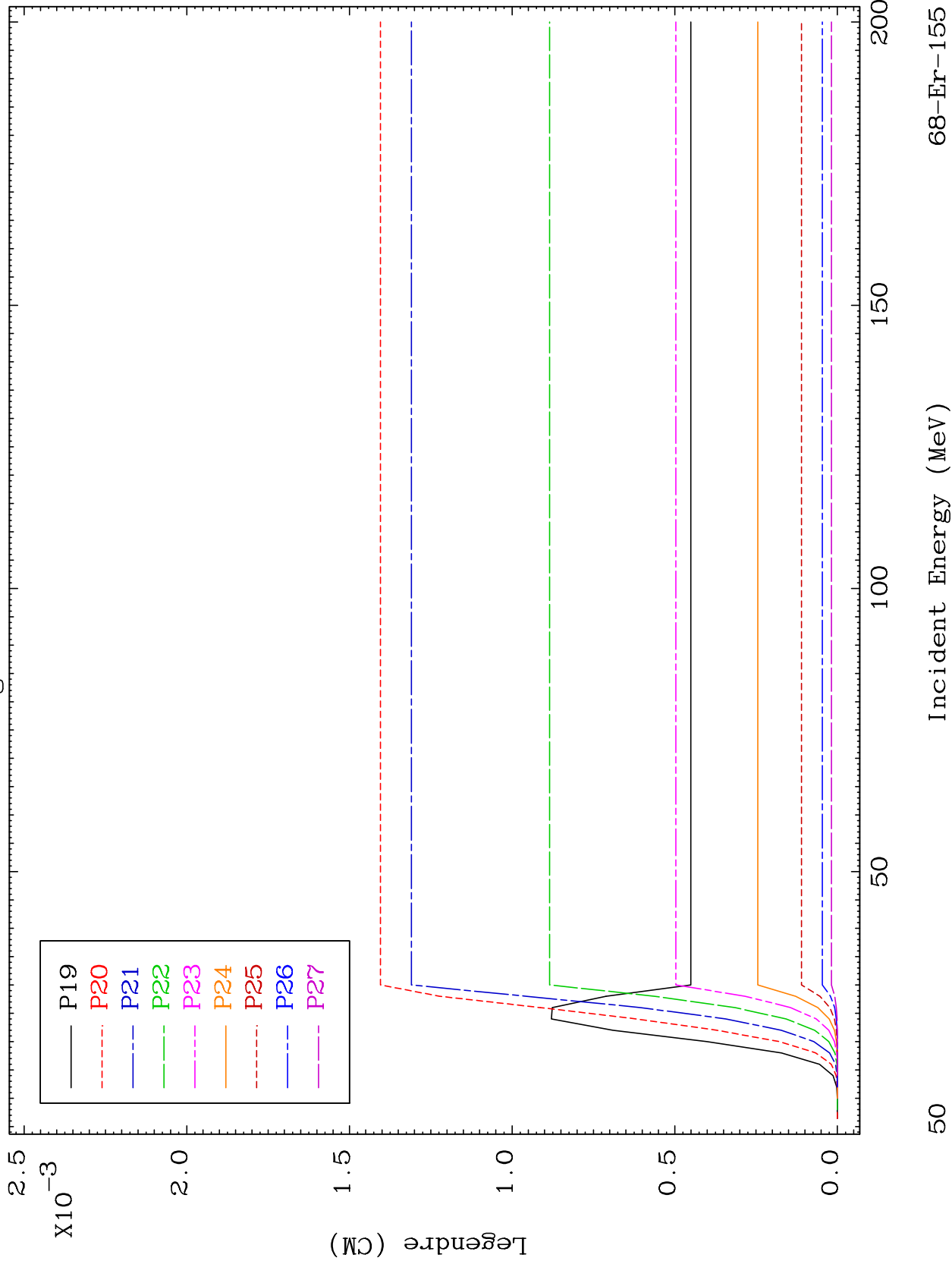
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



68-Er-155

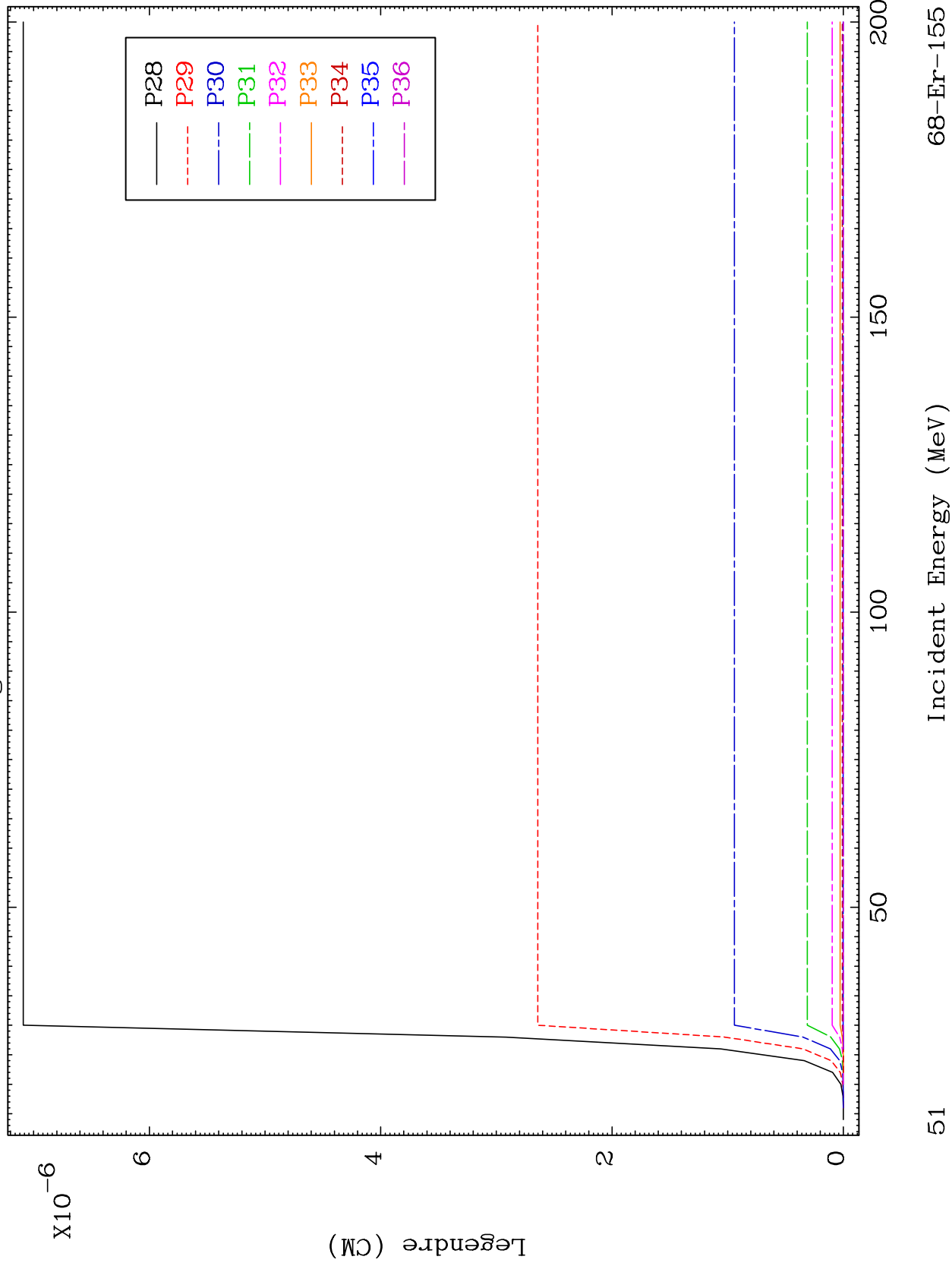
Incident Energy (MeV)

50

MAT 6804

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

68-Er-155



51

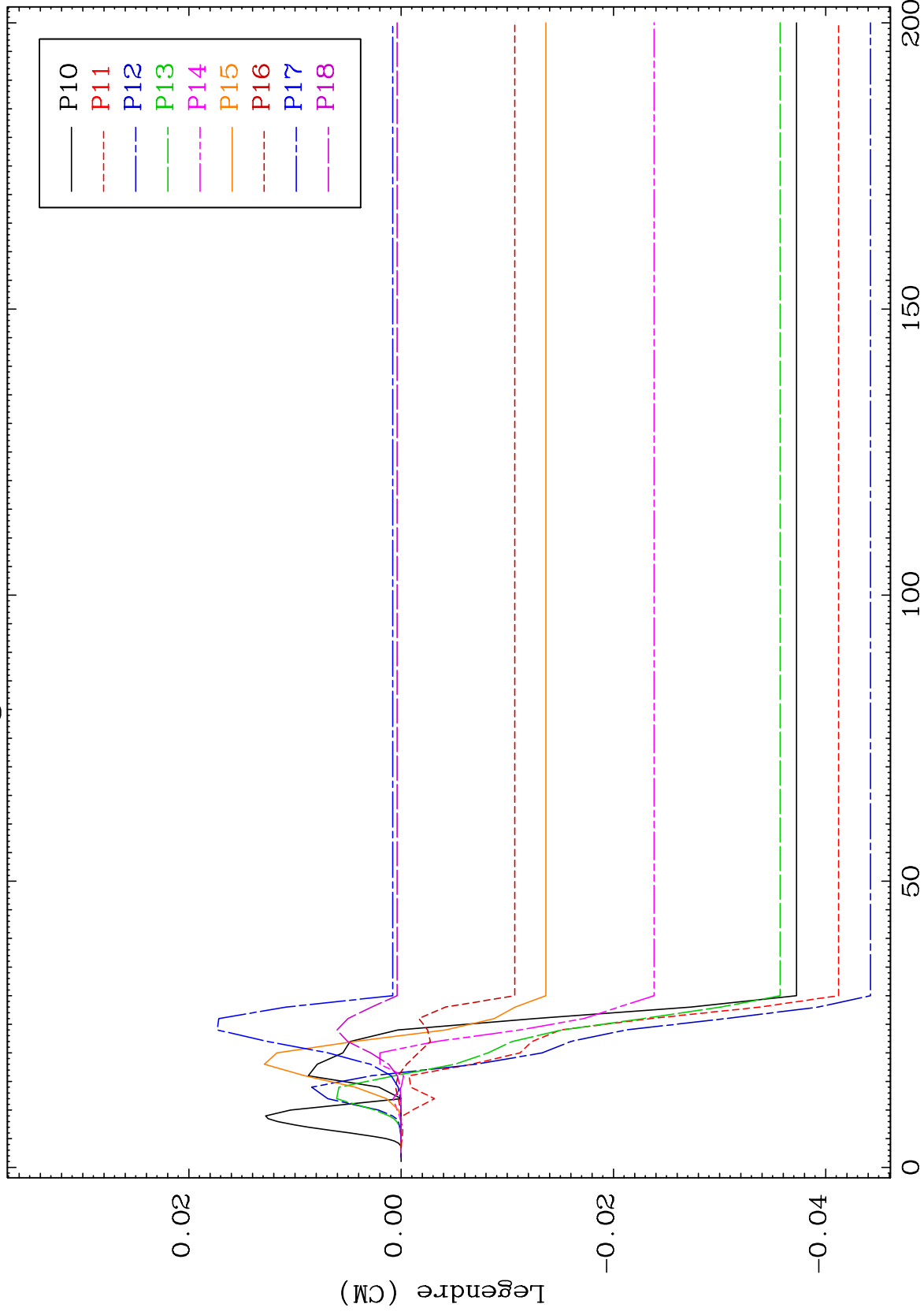
68-Er-155



MAT 6804

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

68-Er-155



53

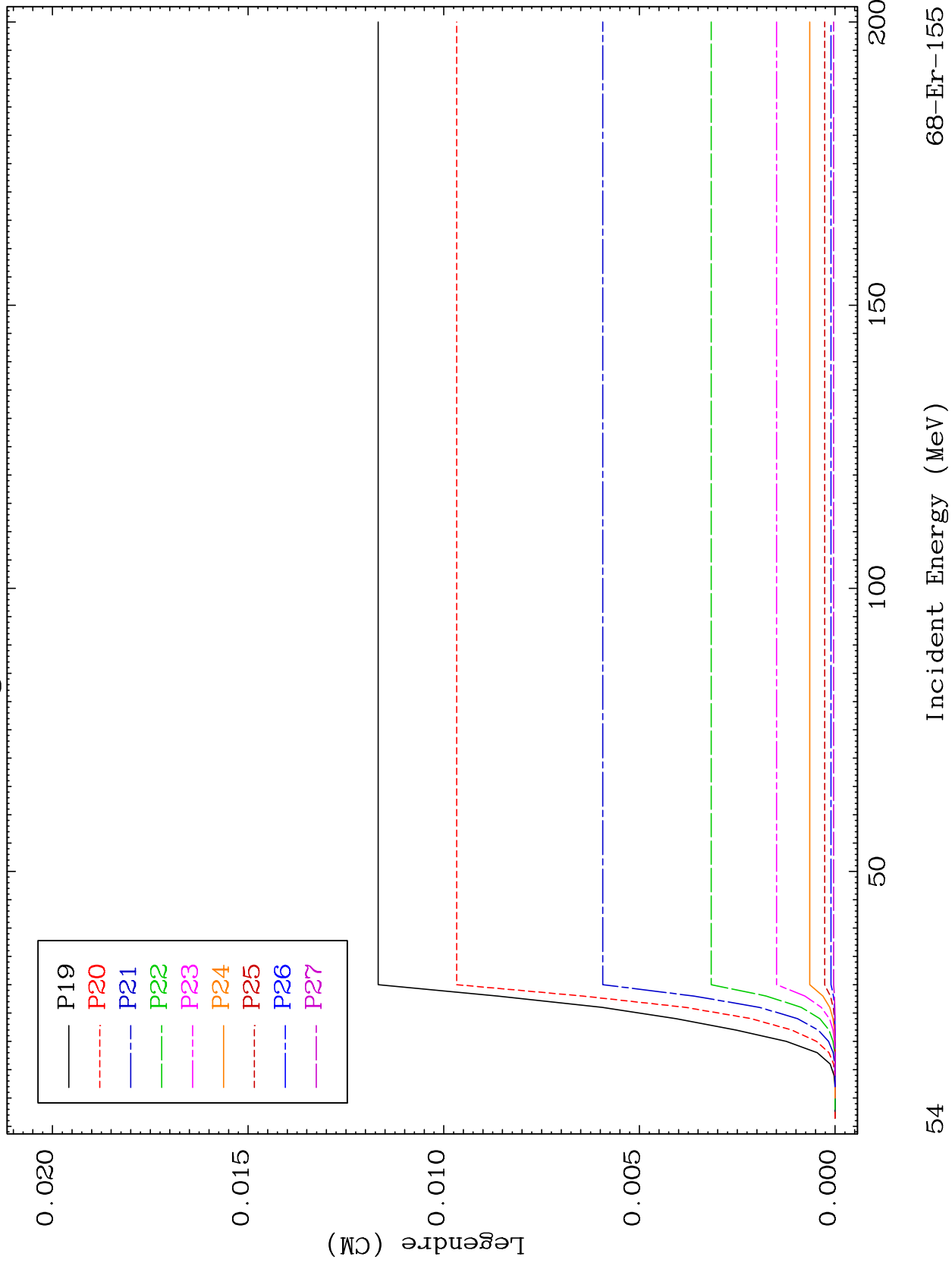
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



54

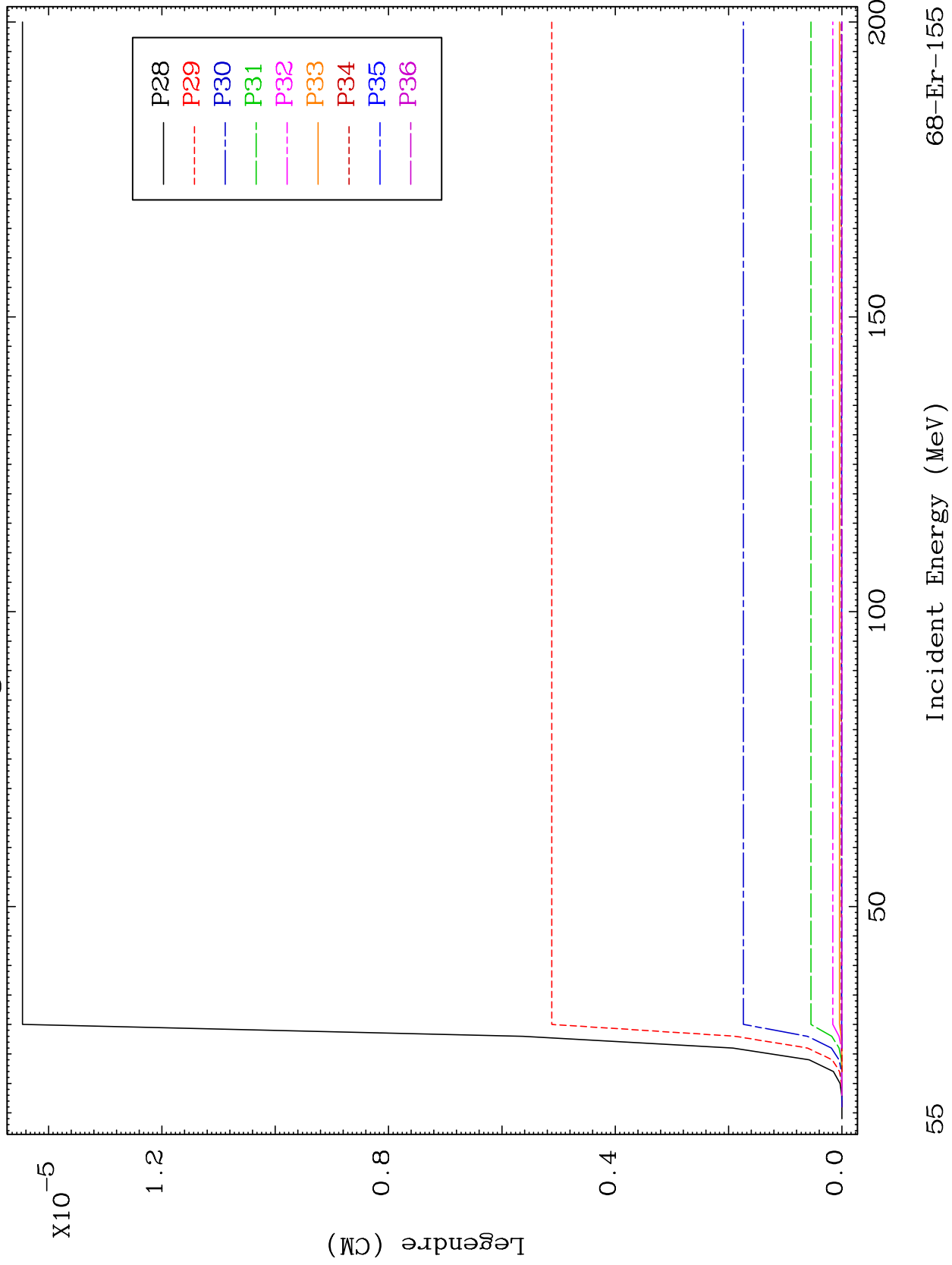
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



55

Incident Energy (MeV)

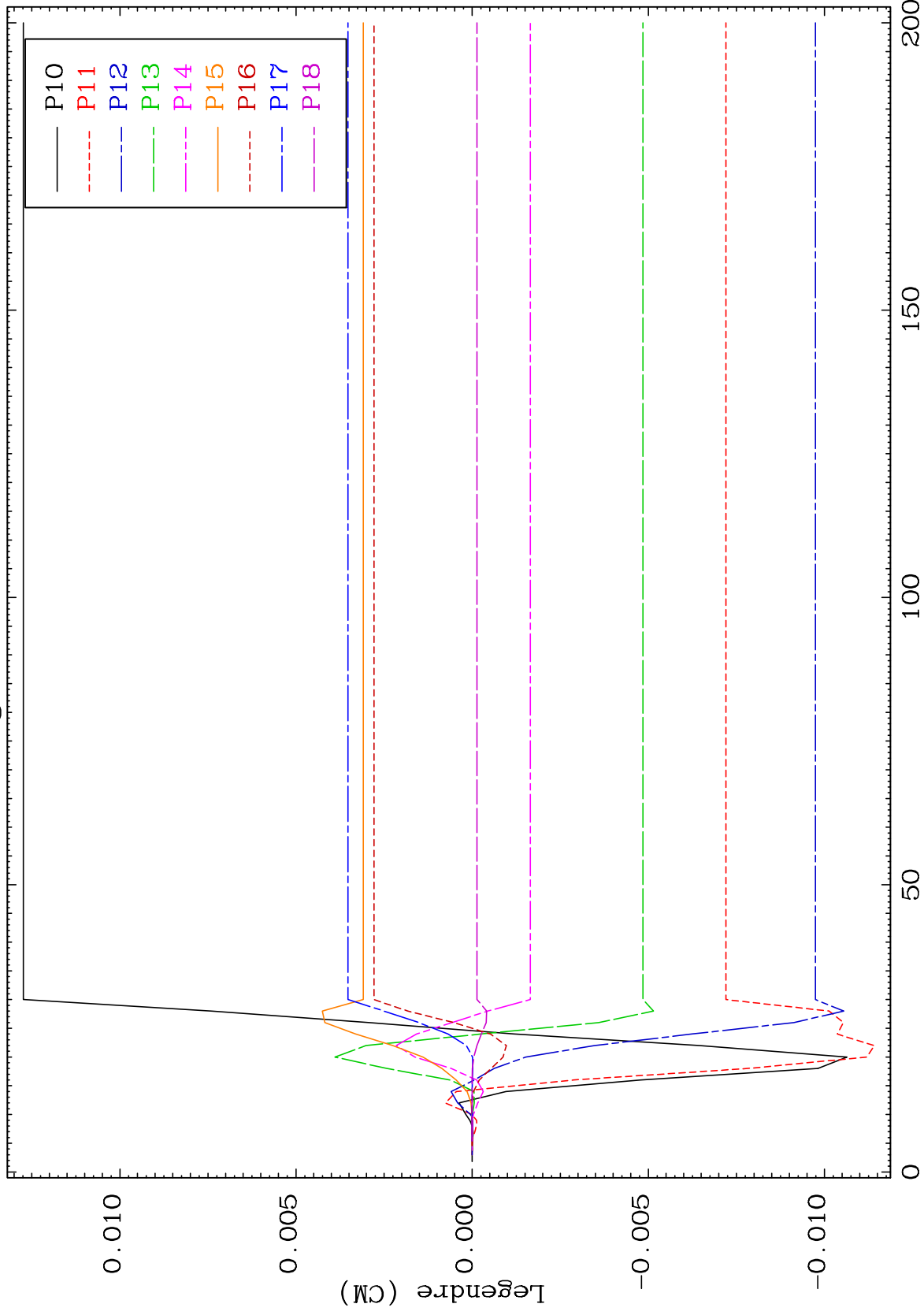
68-Er-155



MAT 6804

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

68-Er-155



57

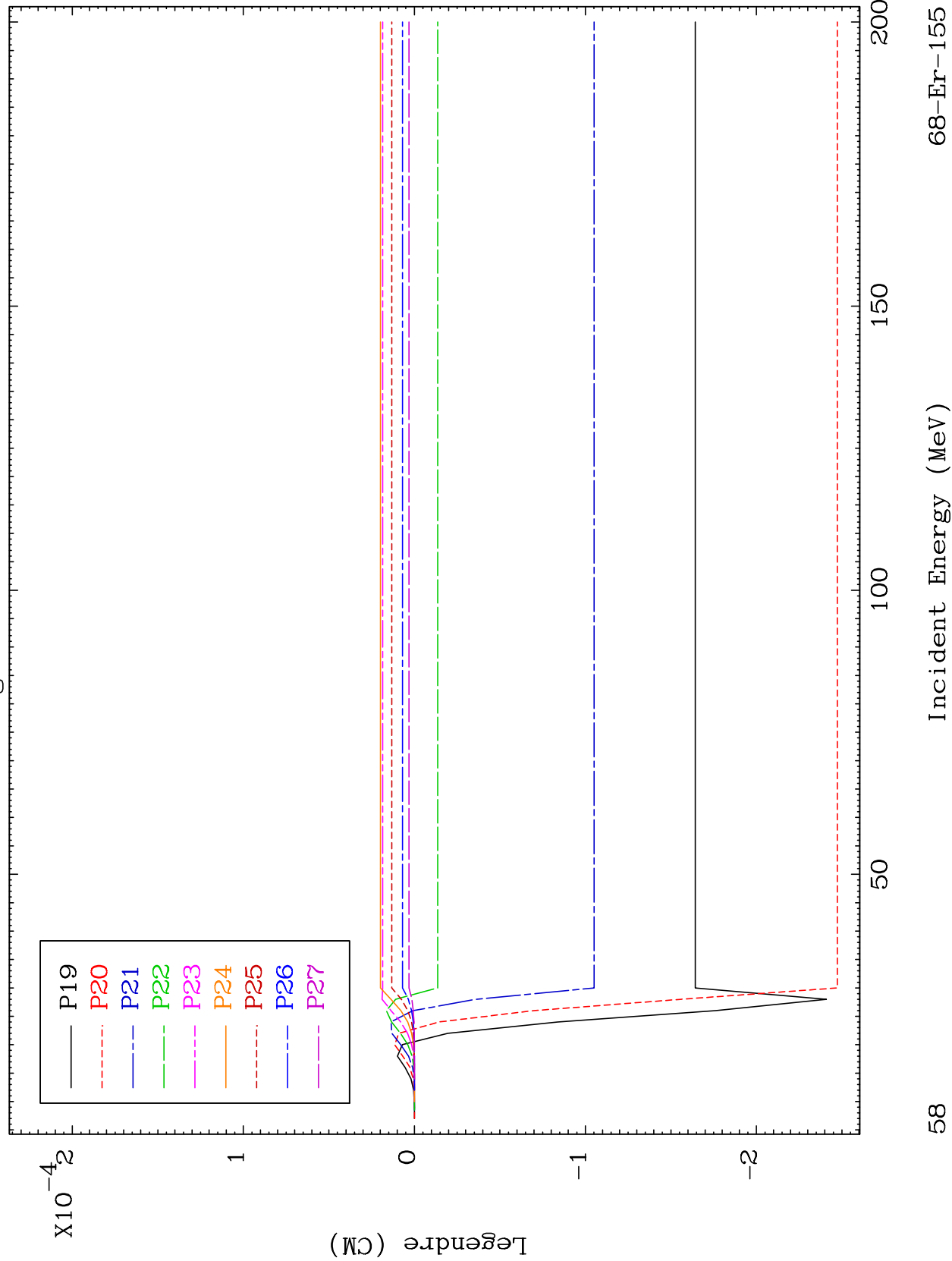
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



58

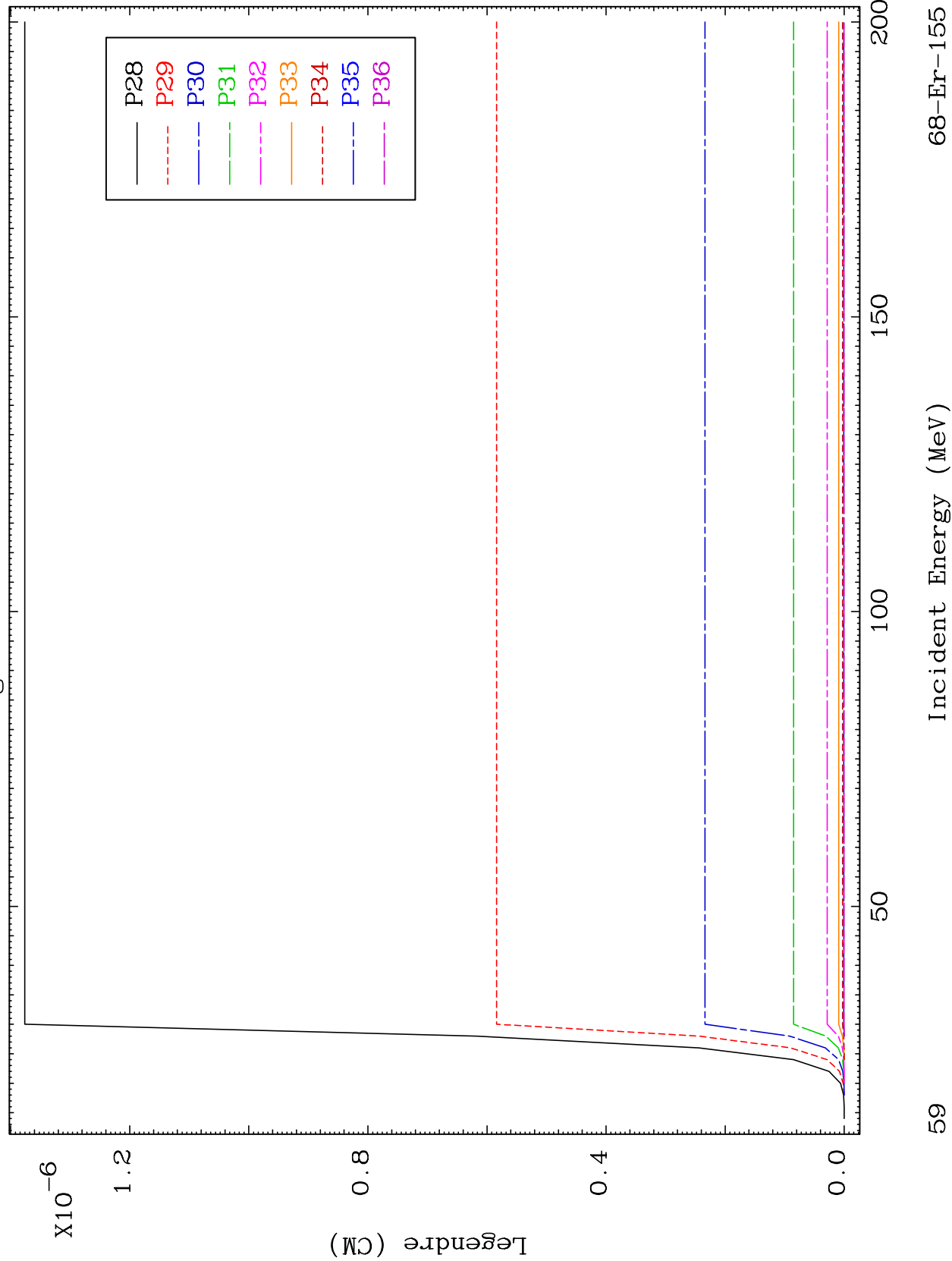
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



59

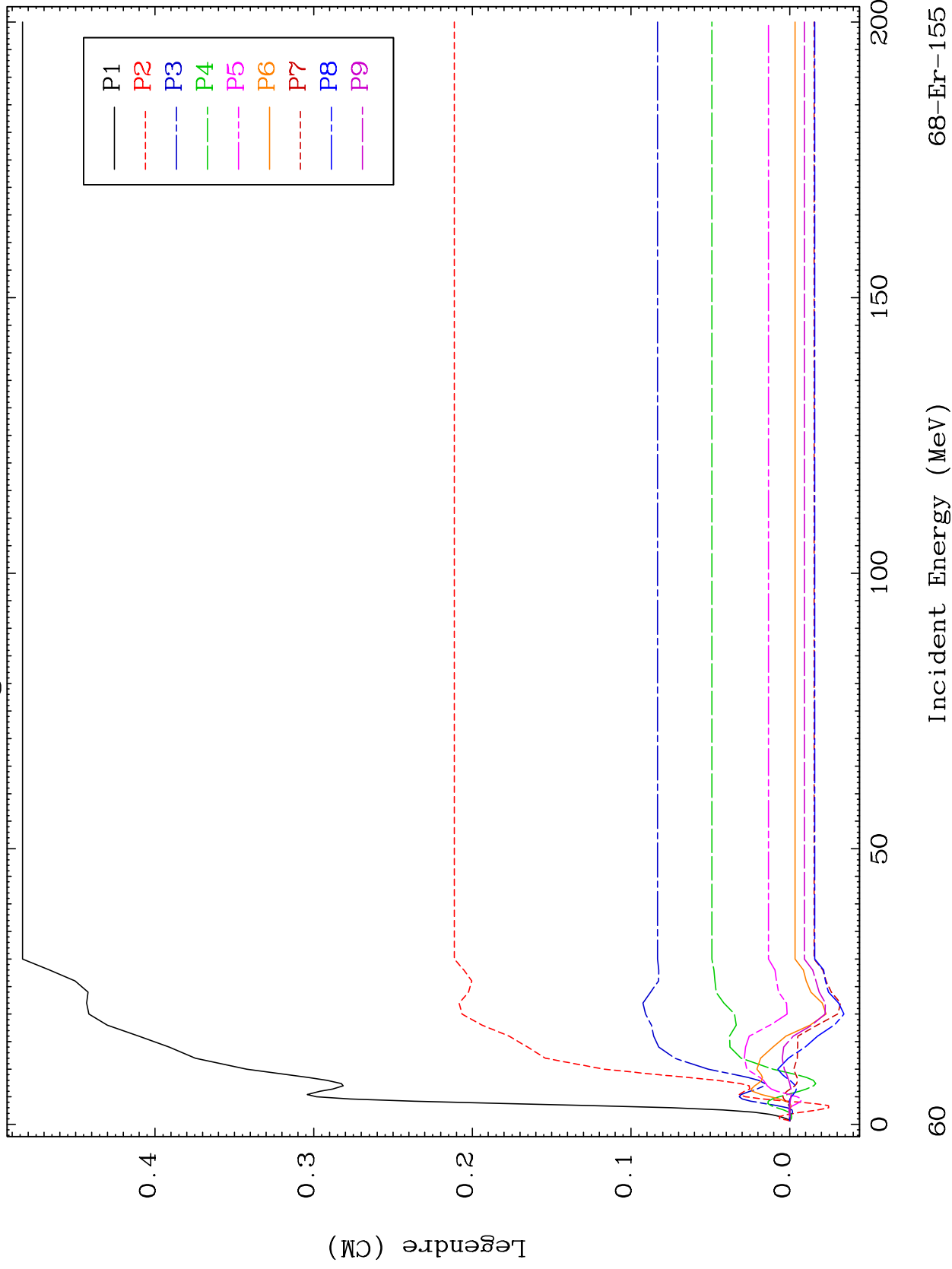
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



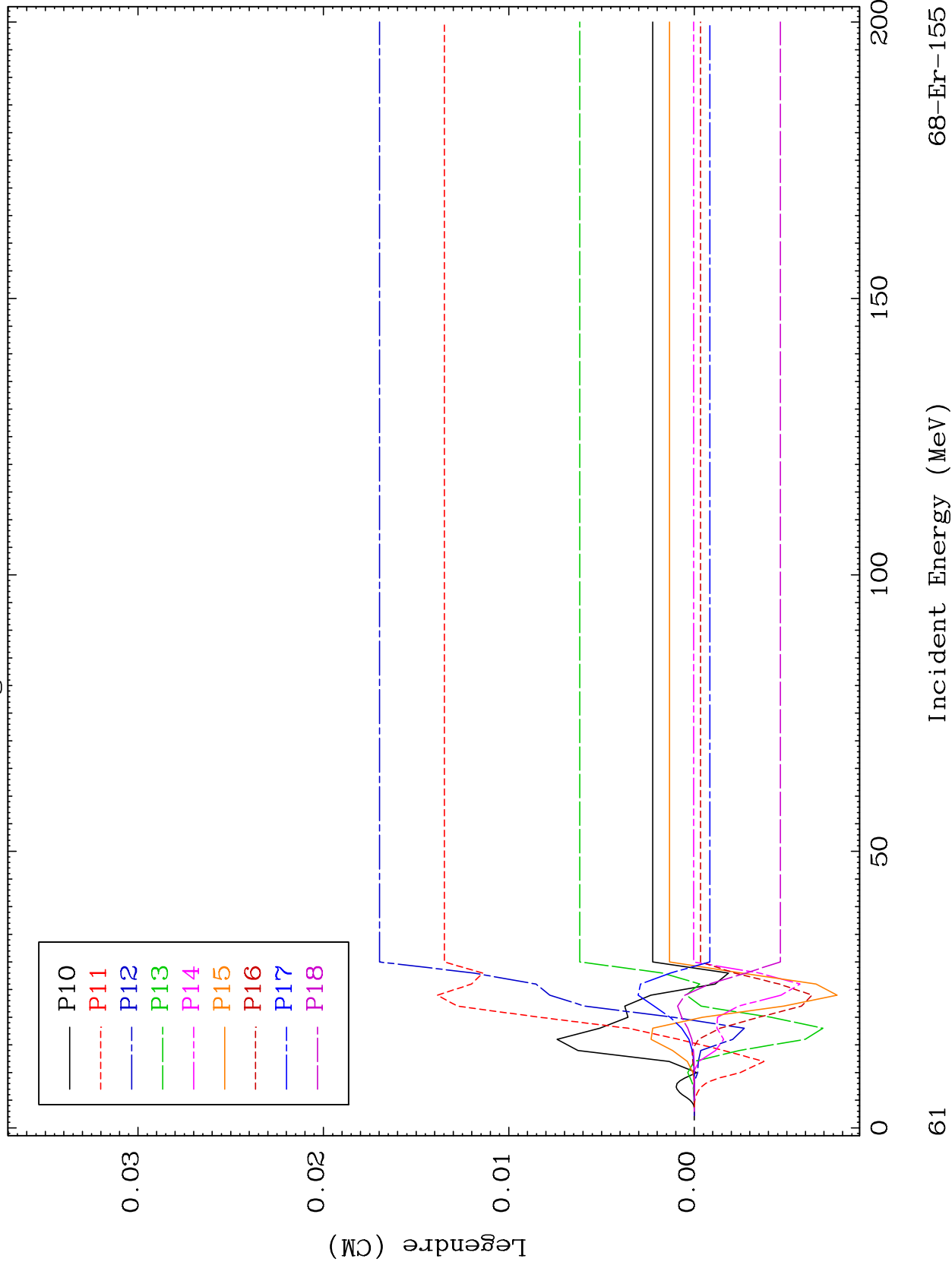
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Incident Energy (MeV)

MAT 6804

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

68-Er-155



68-Er-155

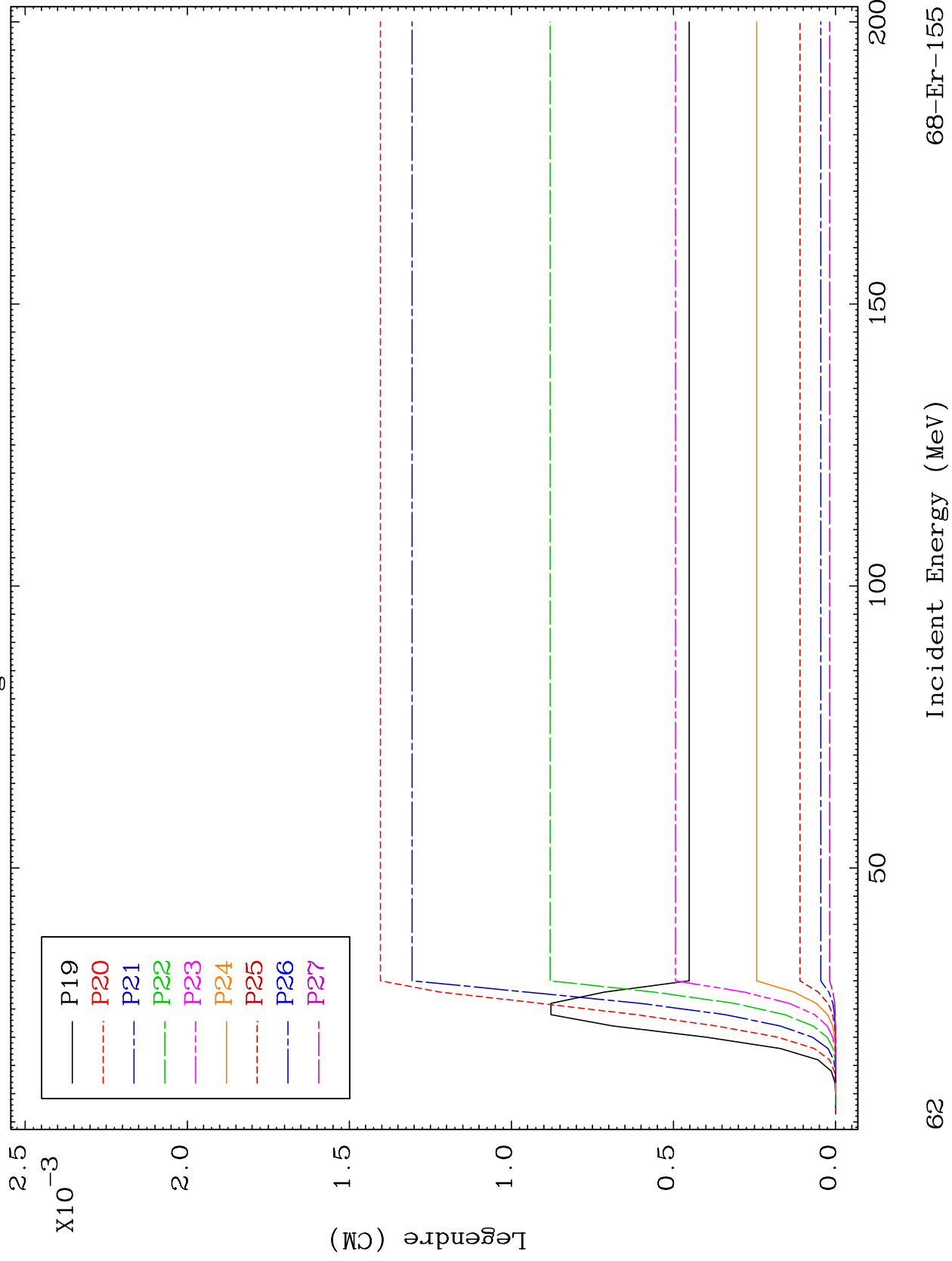
Incident Energy (MeV)

61

MAT 6804

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

68-Er-155



68-Er-155

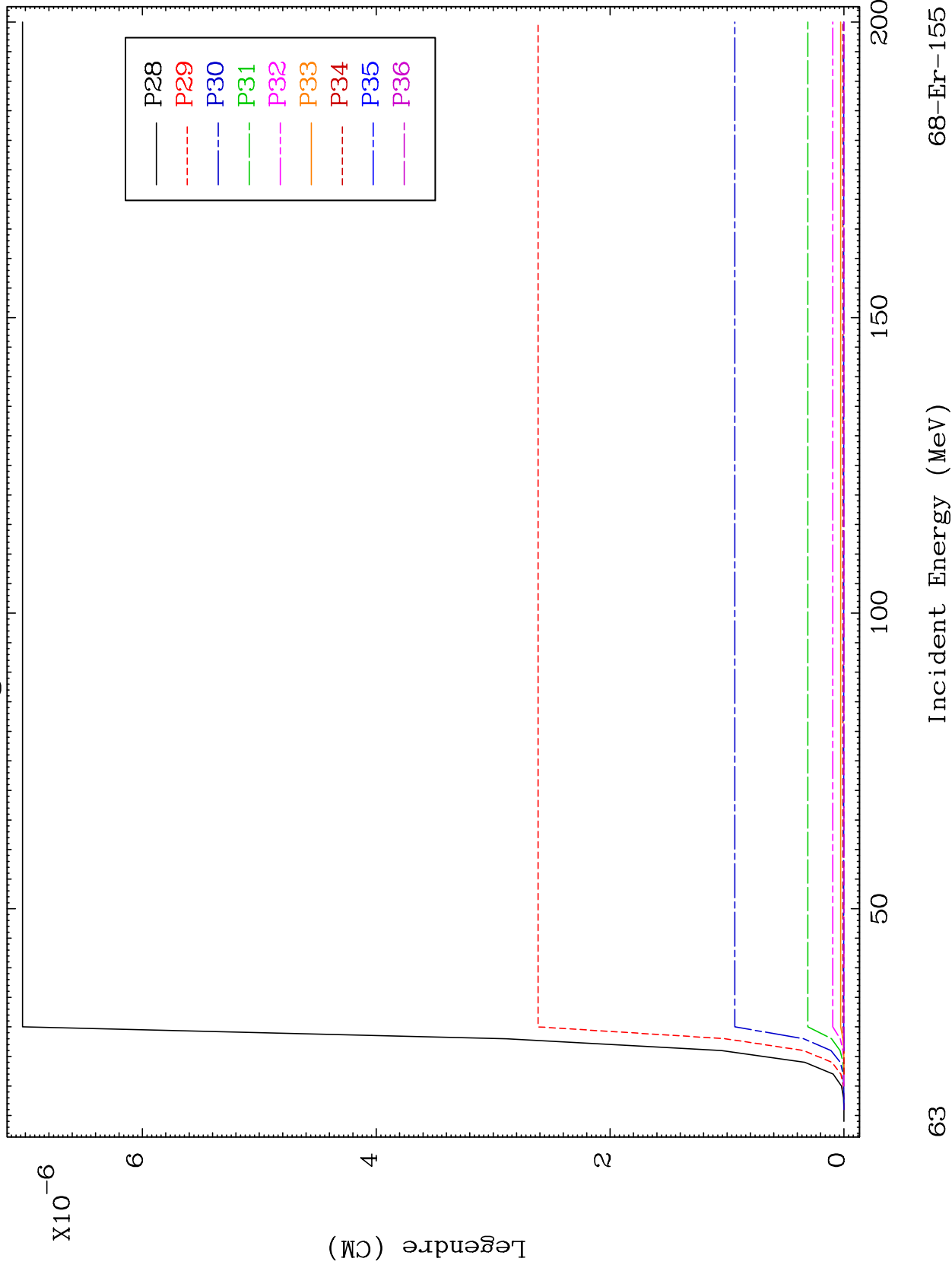
Incident Energy (MeV)

62

MAT 6804

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

68-Er-155



63

Incident Energy (MeV)

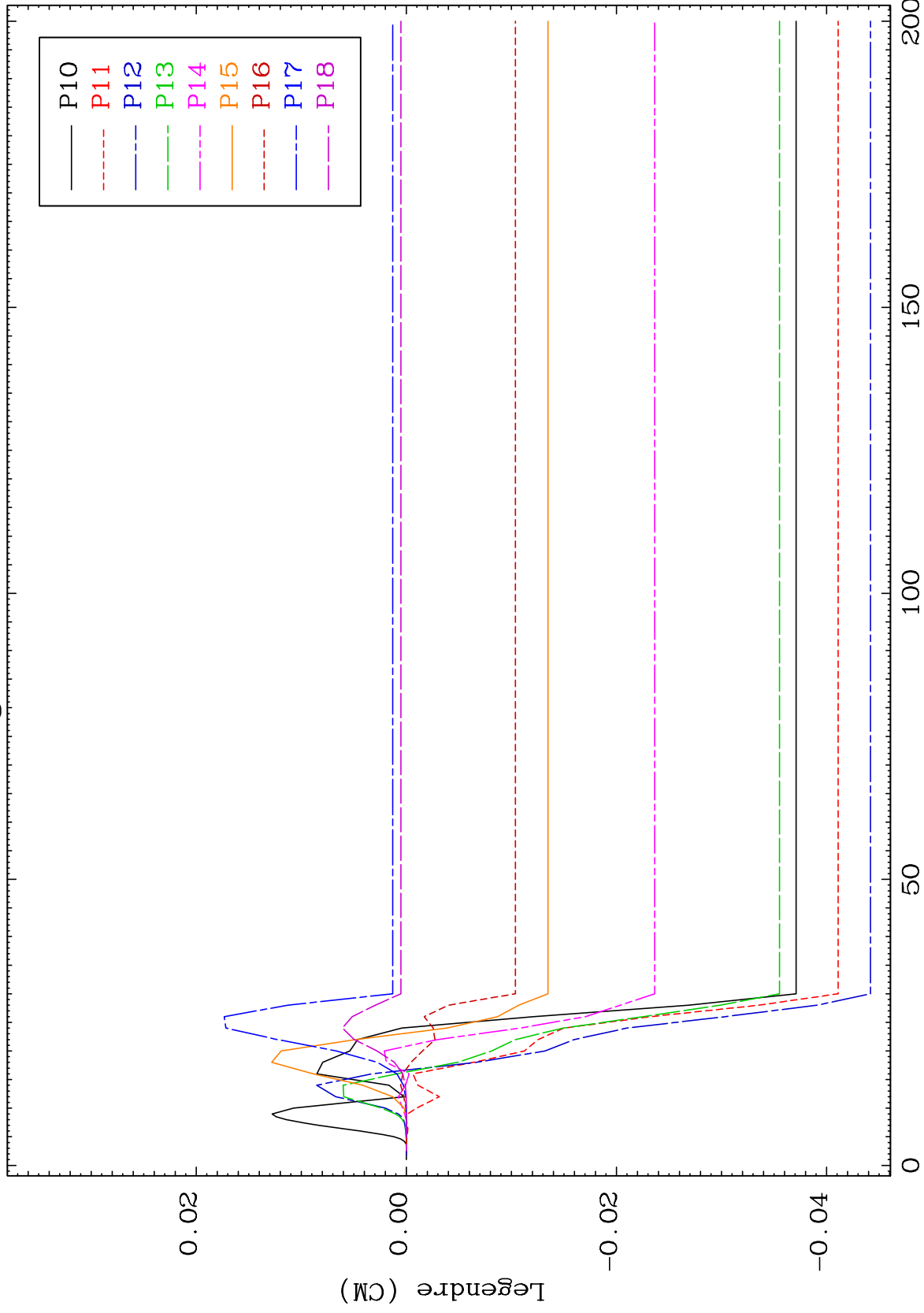
68-Er-155



MAT 6804

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

68-Er-155



65

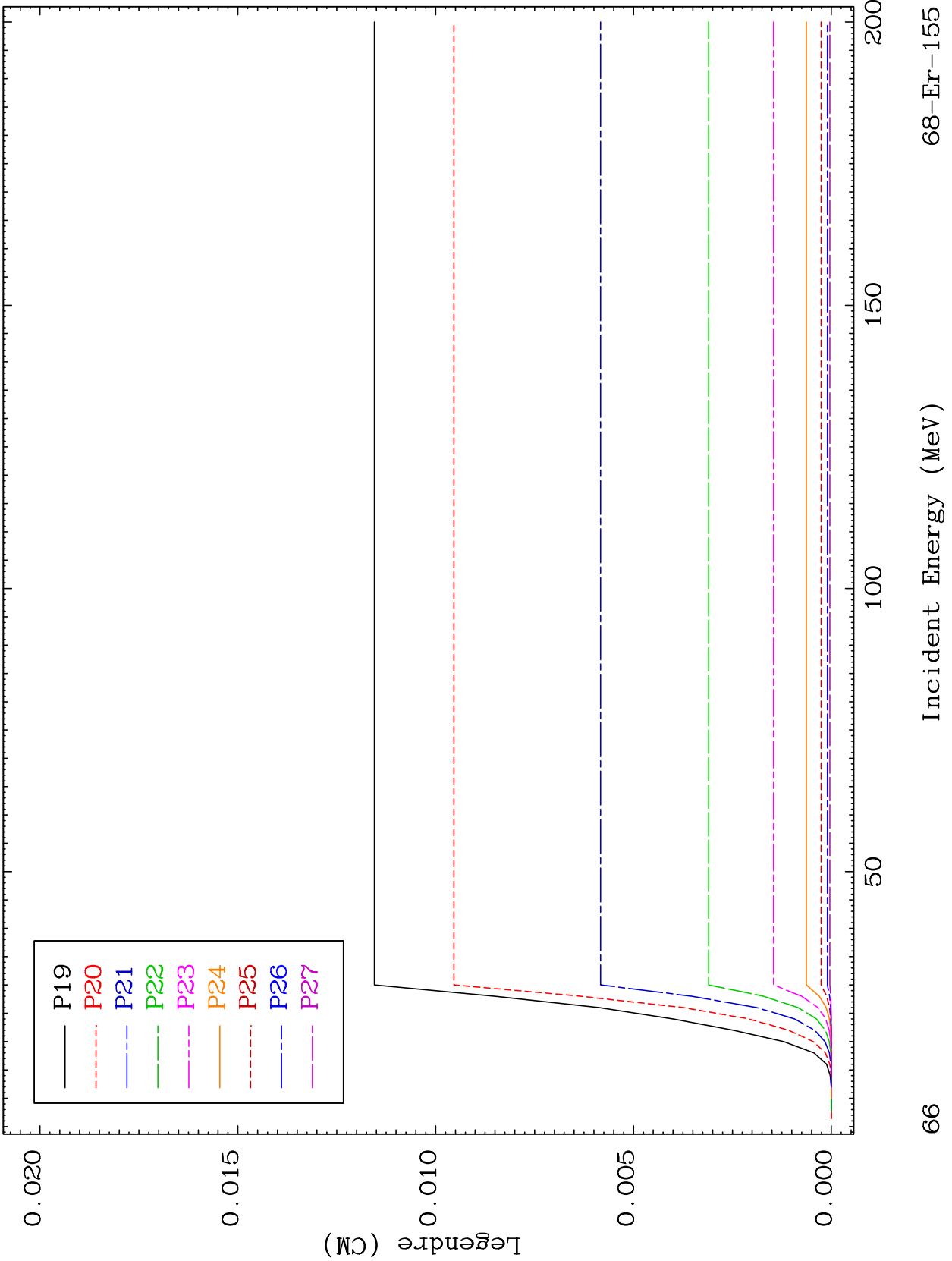
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



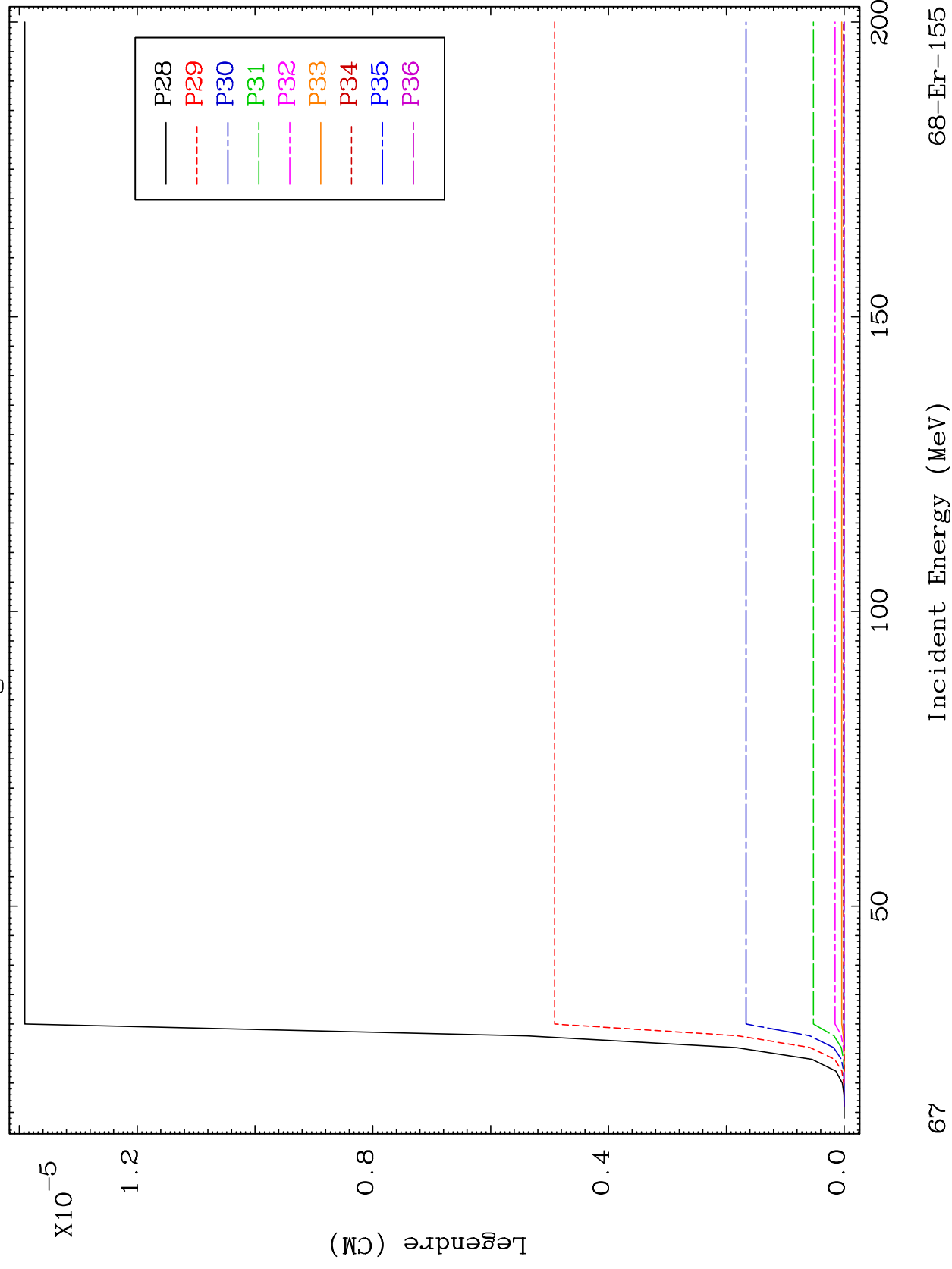
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68-Er-155

MAT 6804

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

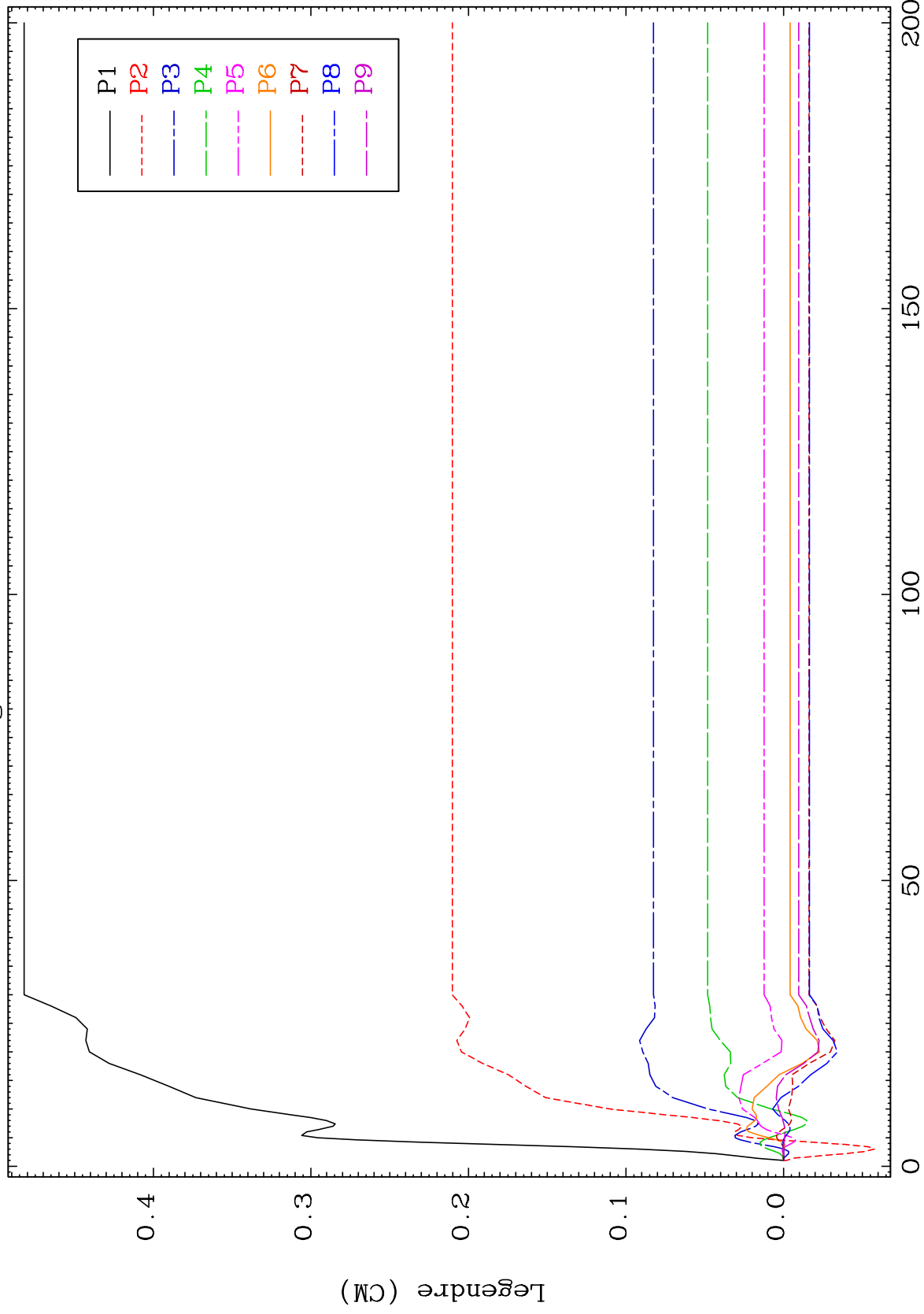
68-Er-155



MAT 6804

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

68-Er-155



68

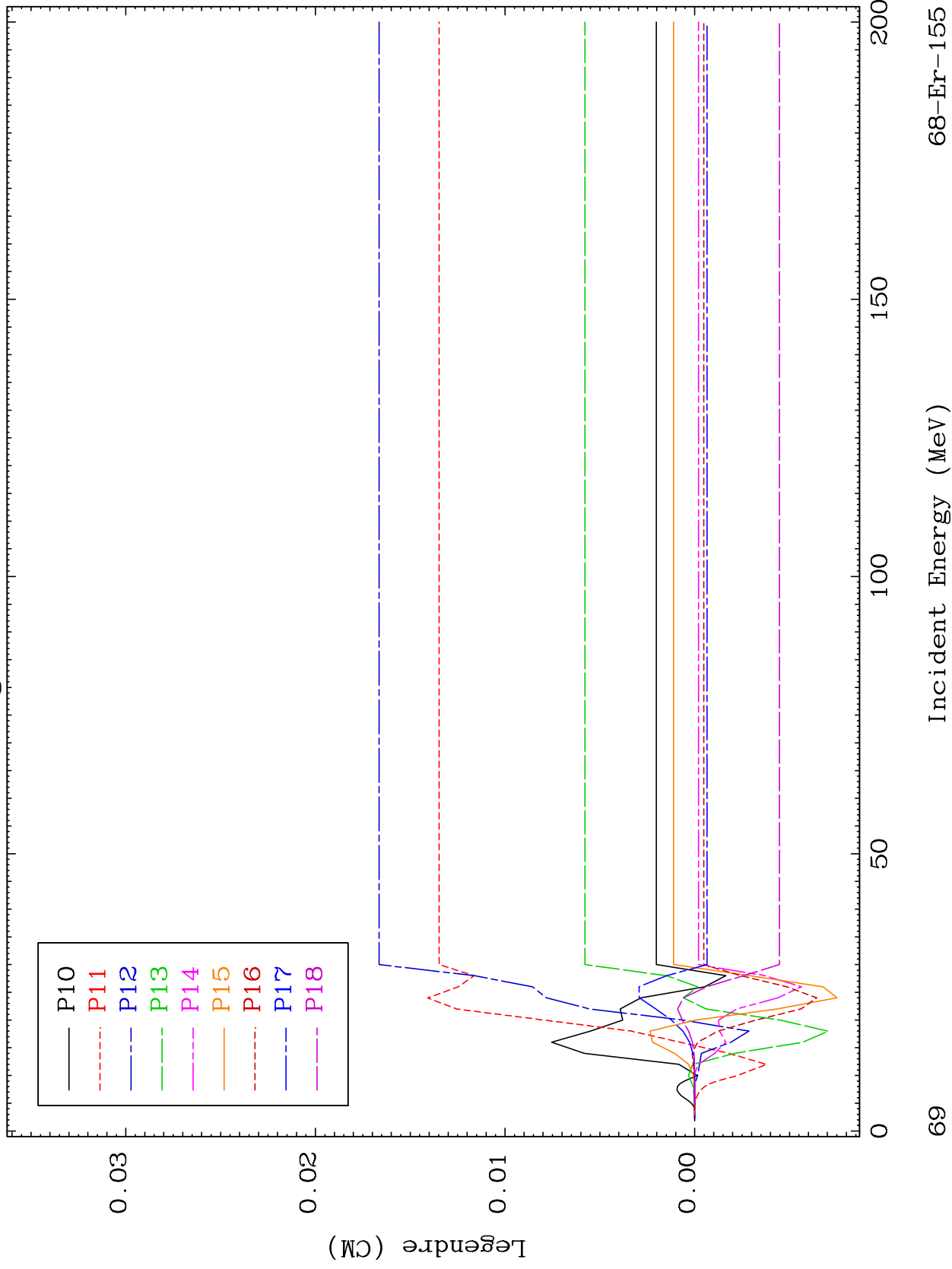
Incident Energy (MeV)

68-Er-155

MAT 6804

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

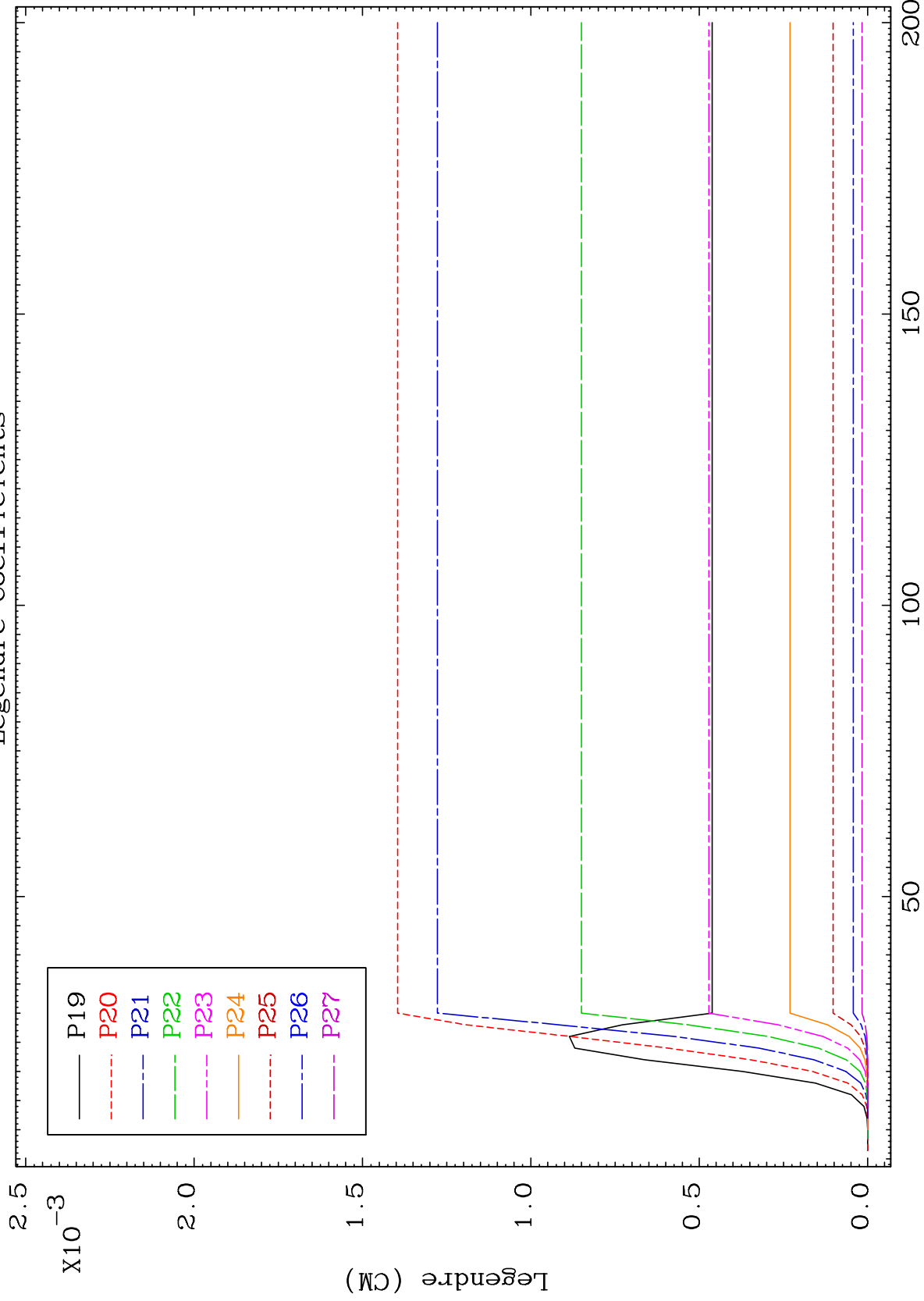
68-Er-155



MAT 6804

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

68-Er-155



70

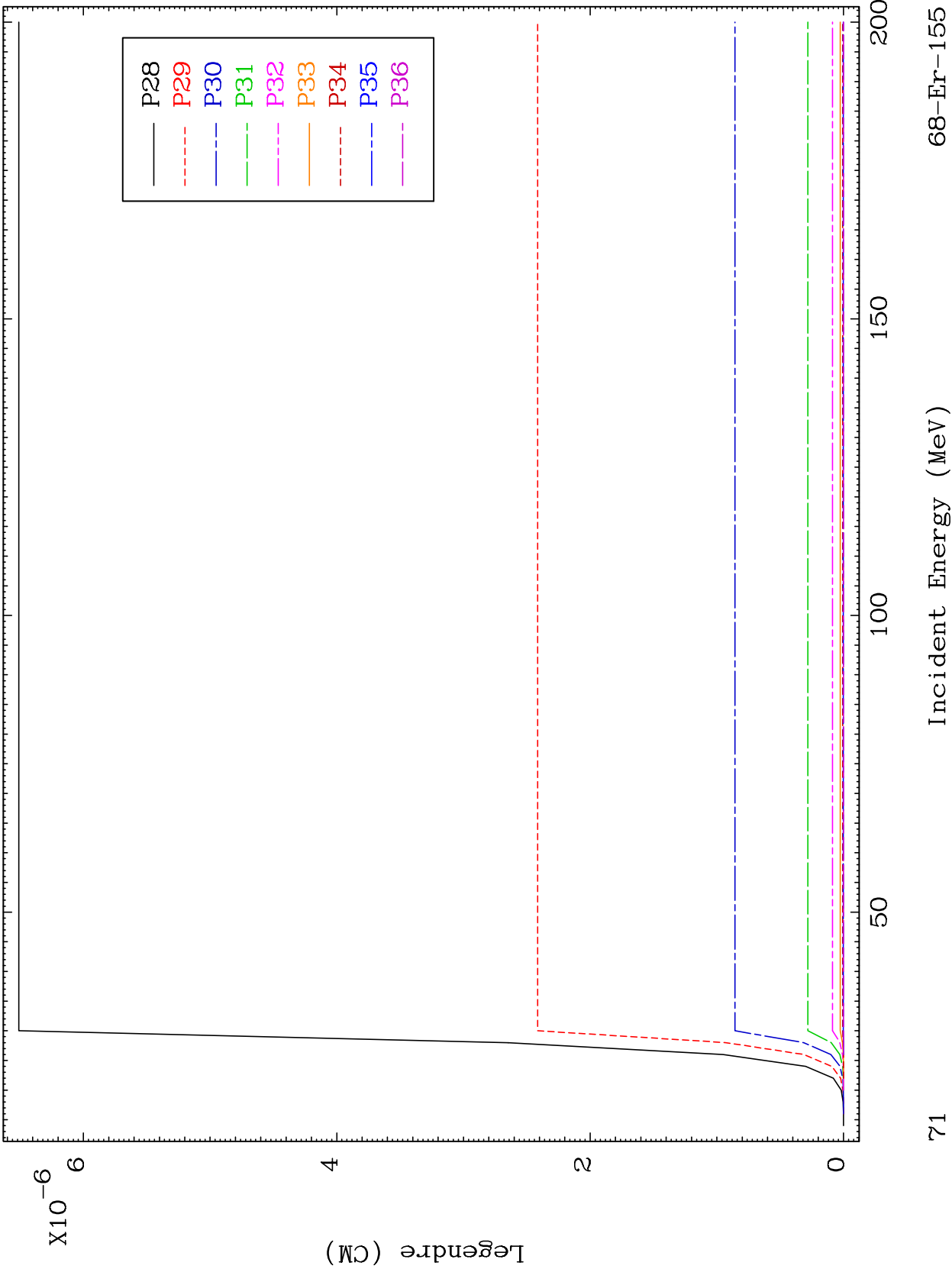
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



71

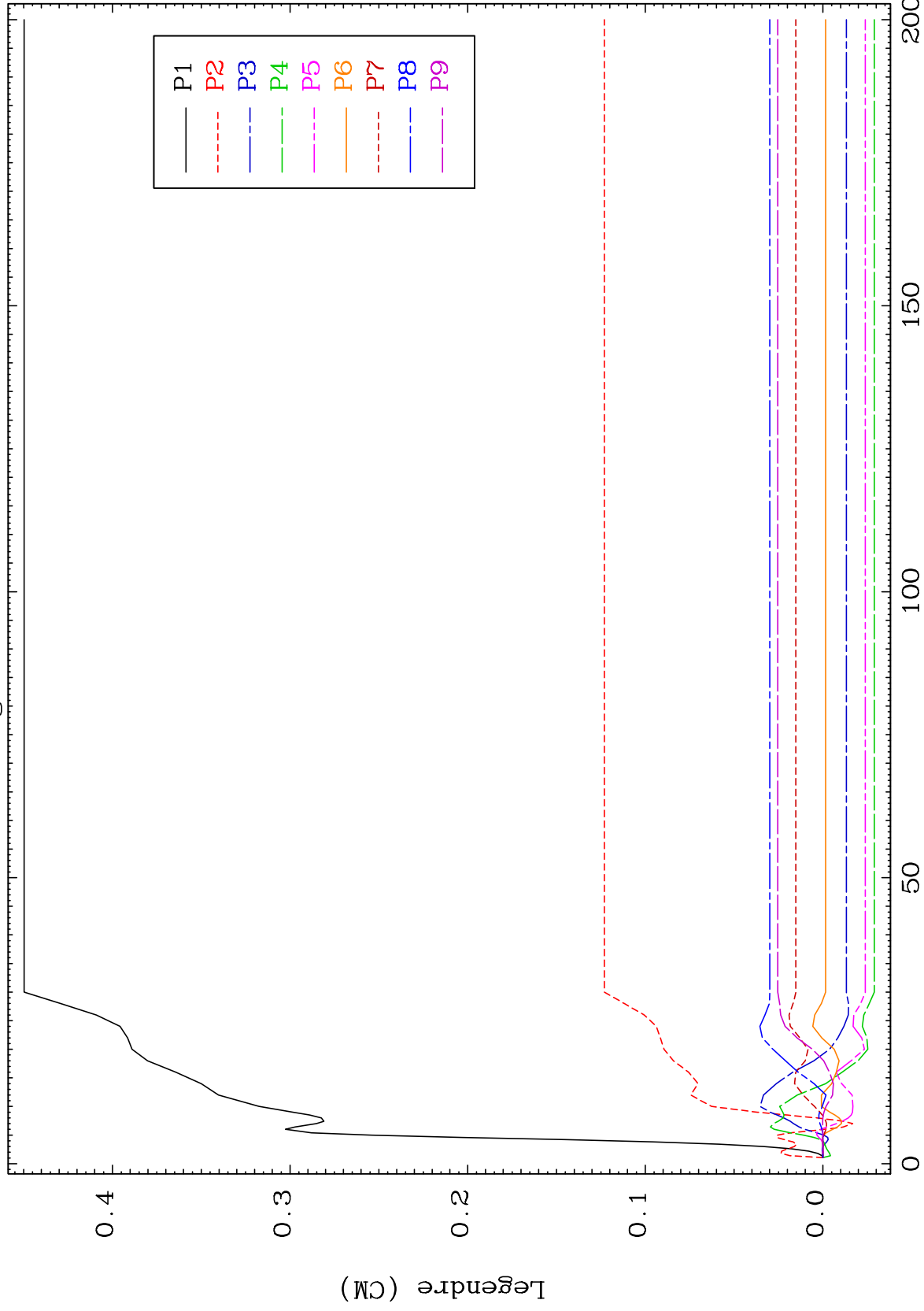
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



72

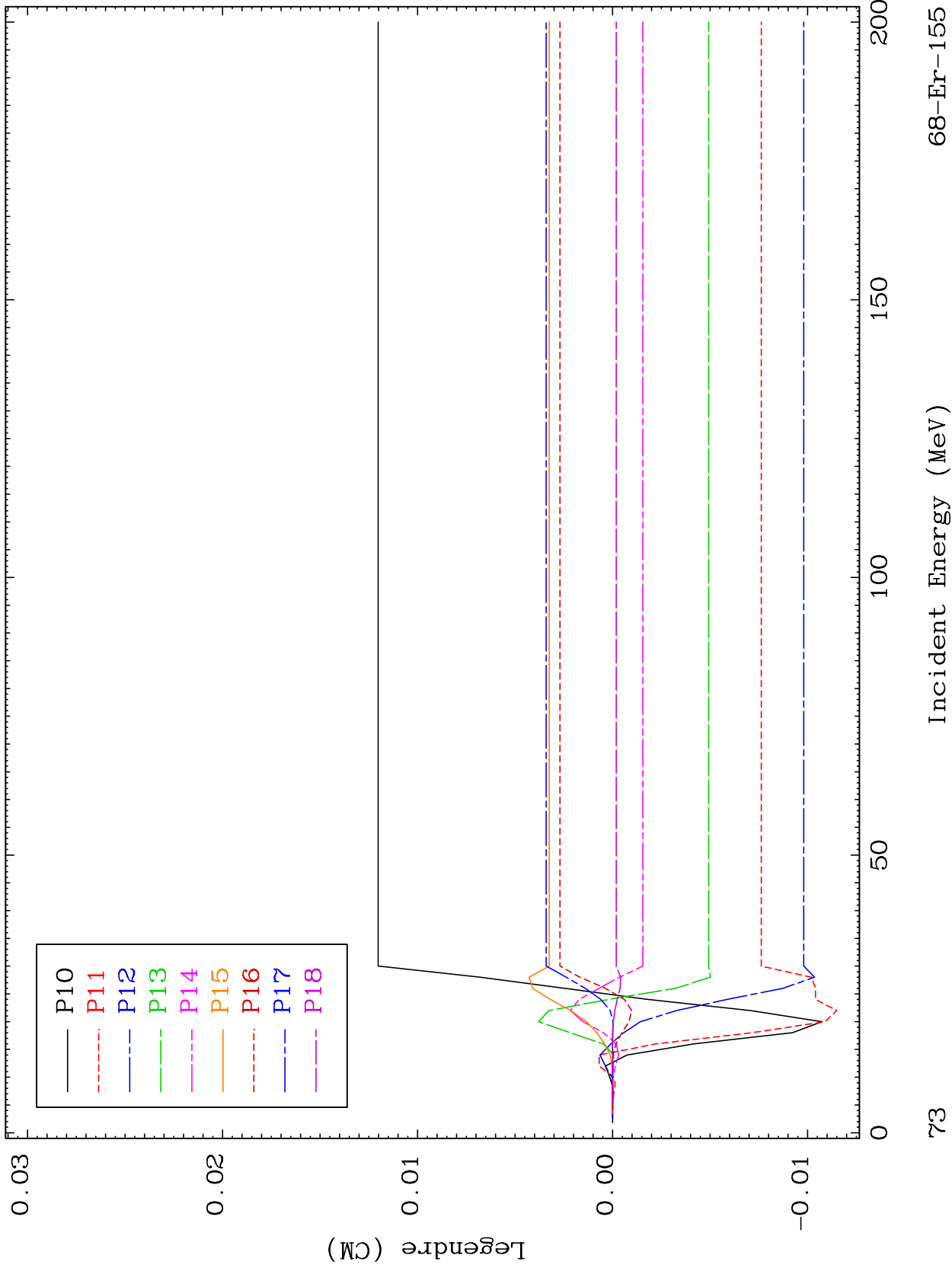
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



73

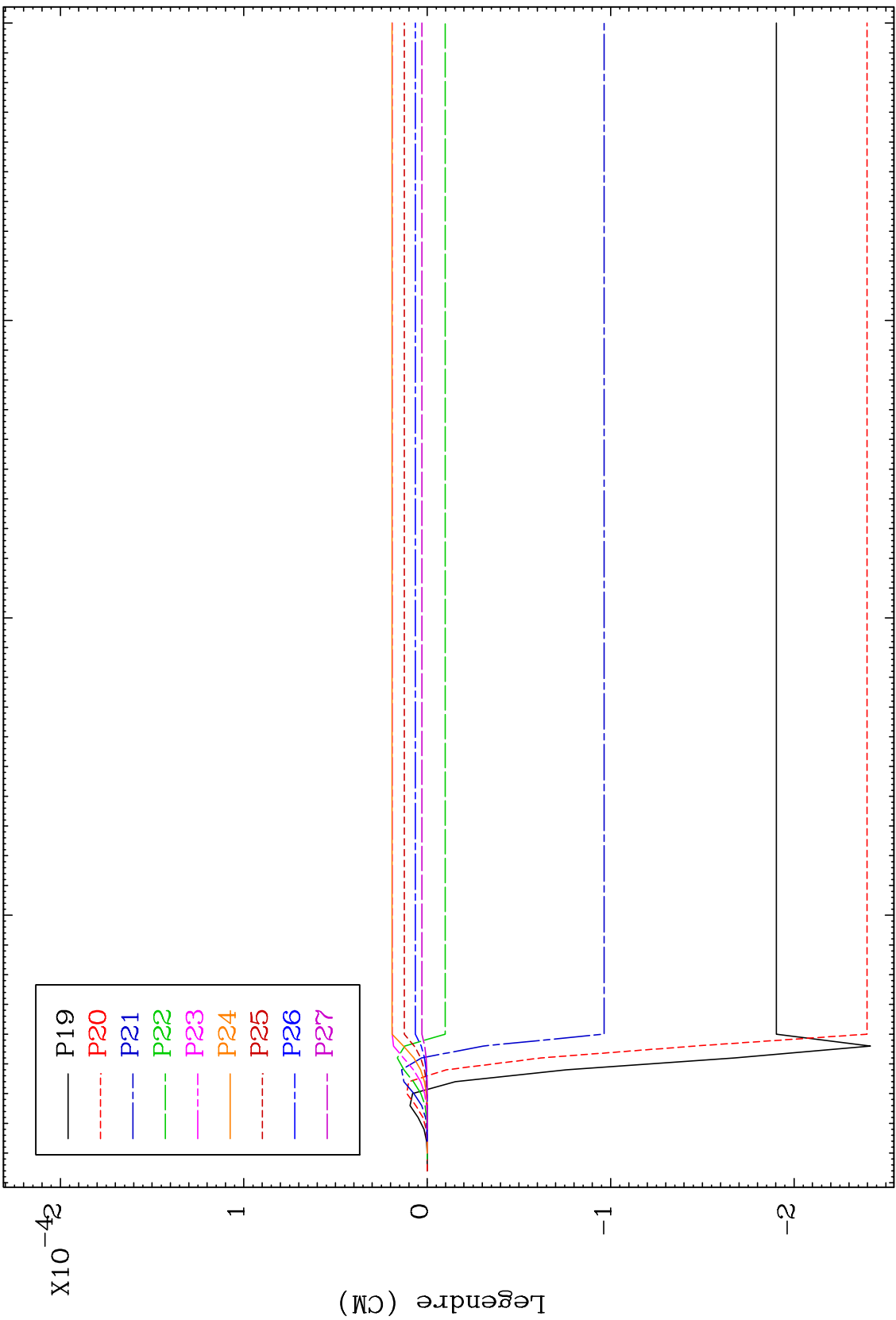
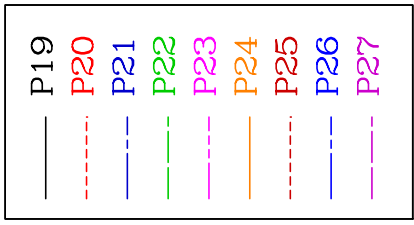
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



74

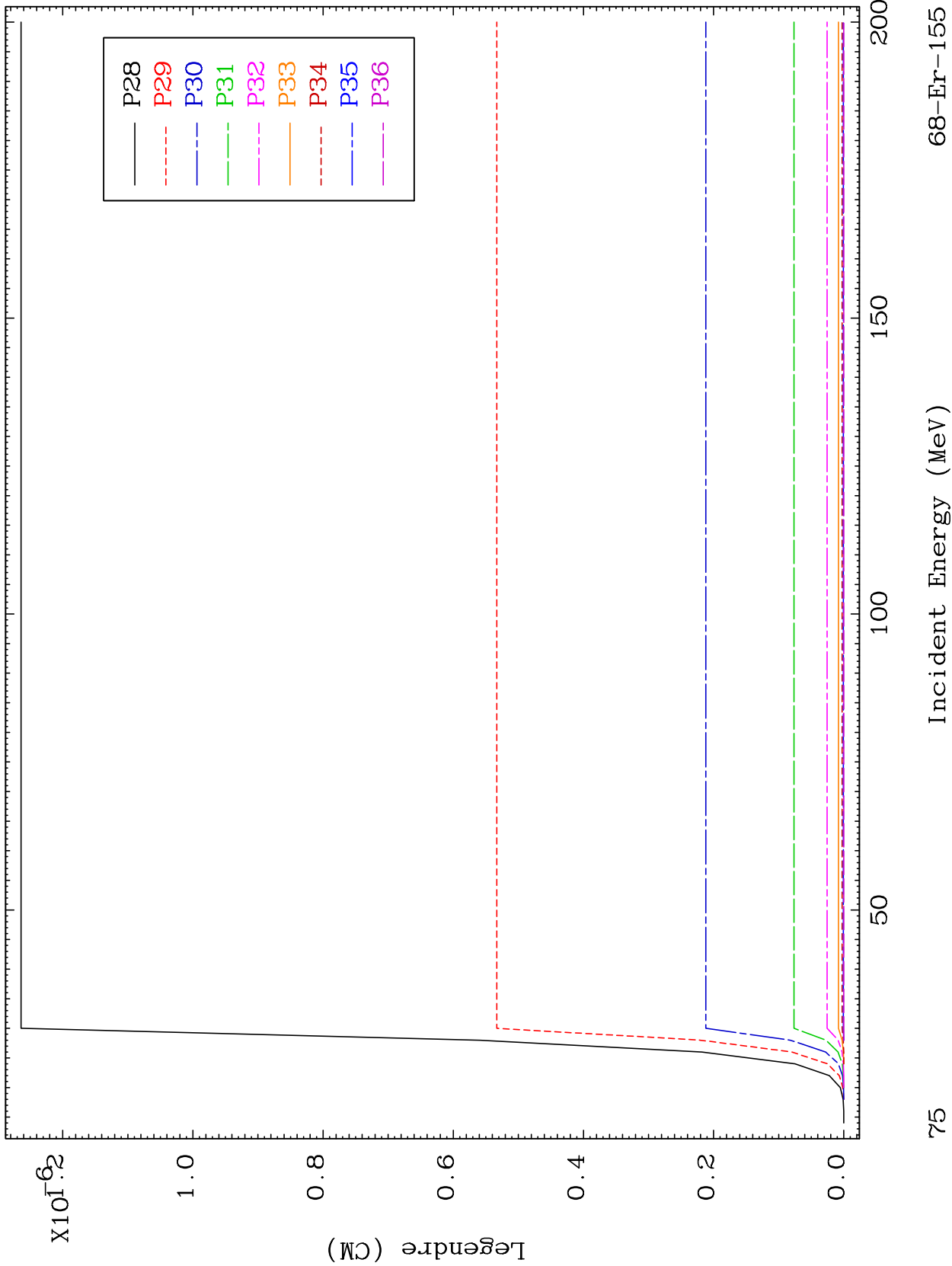
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



75

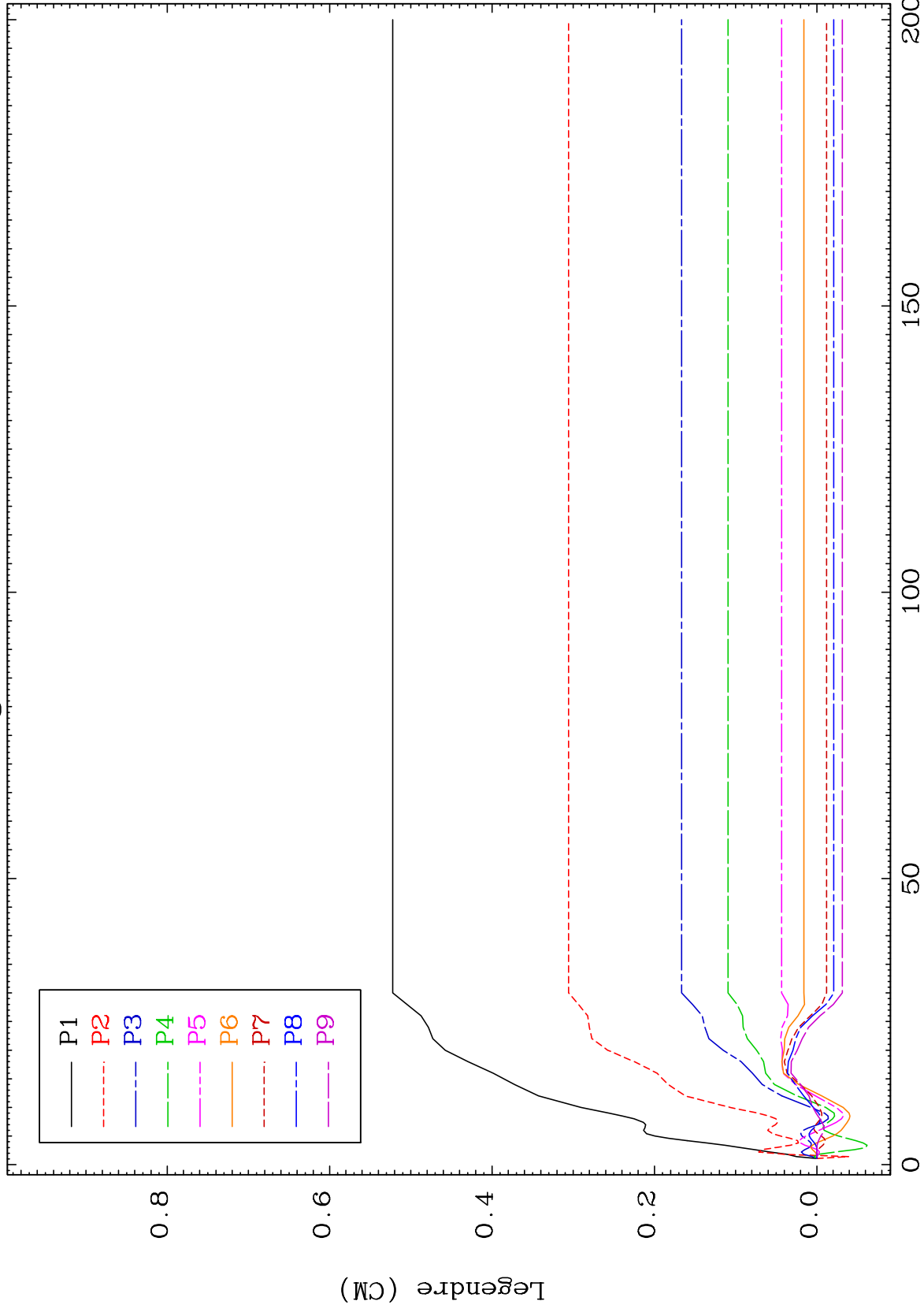
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



76

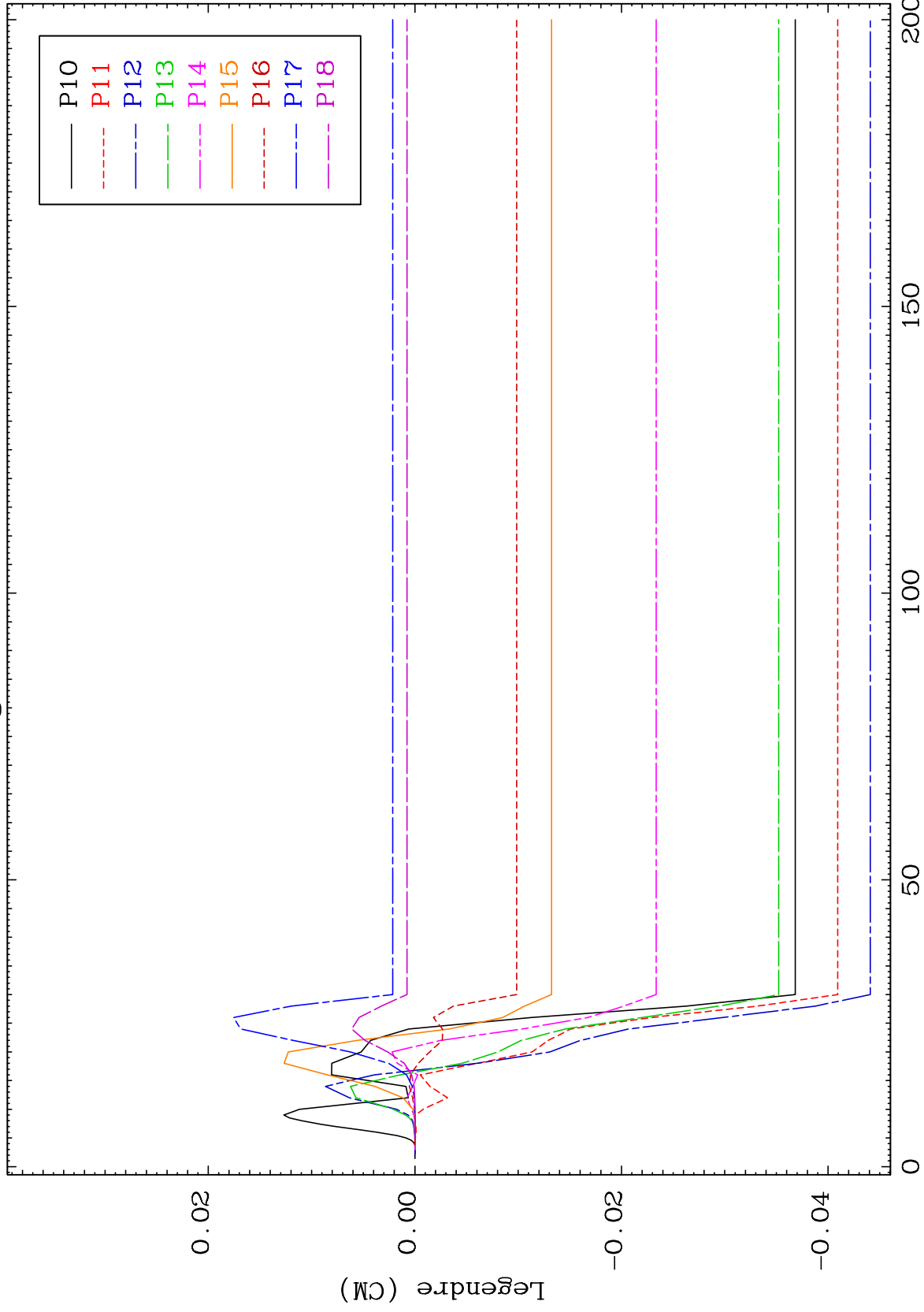
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



77

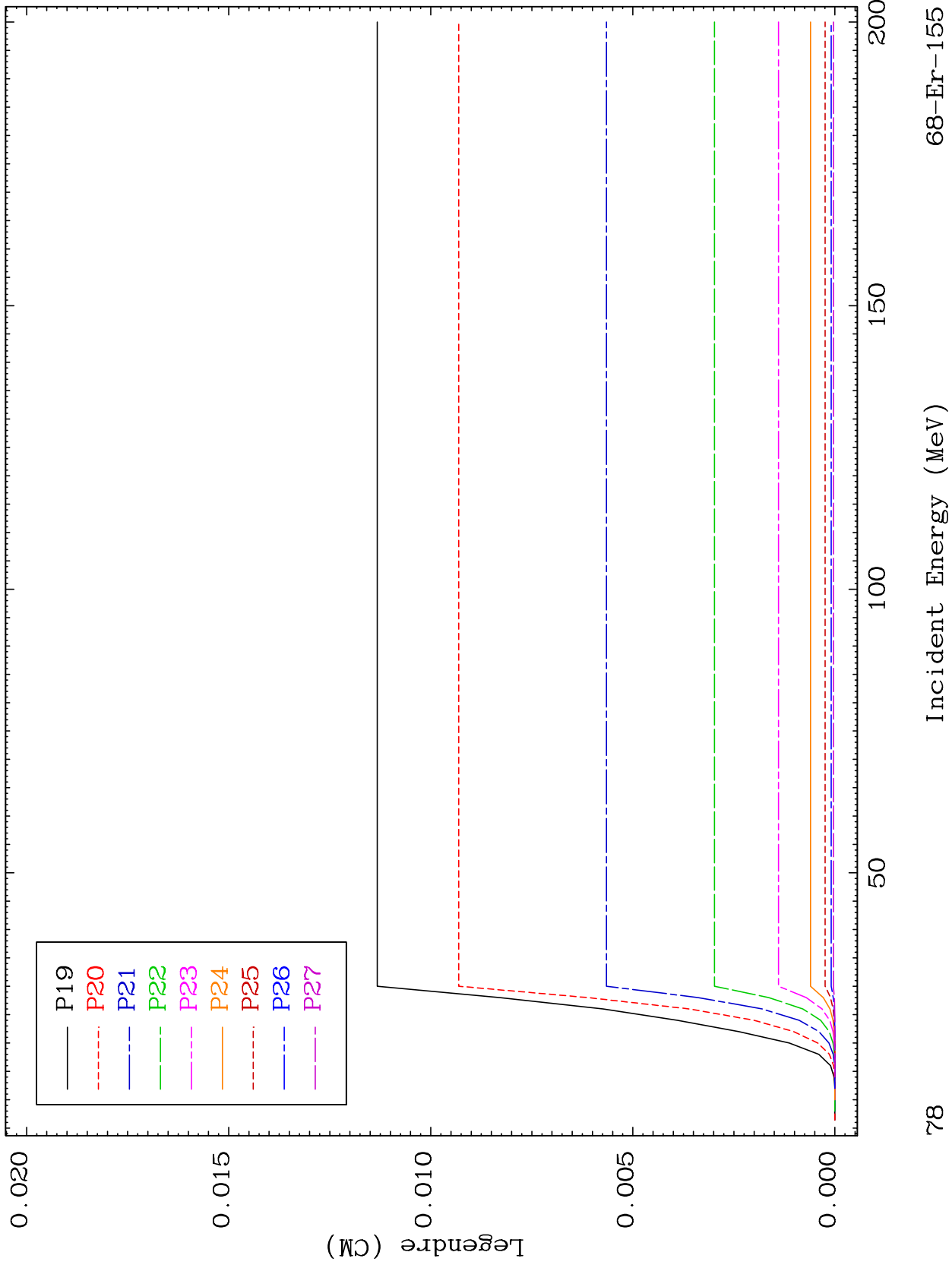
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



78

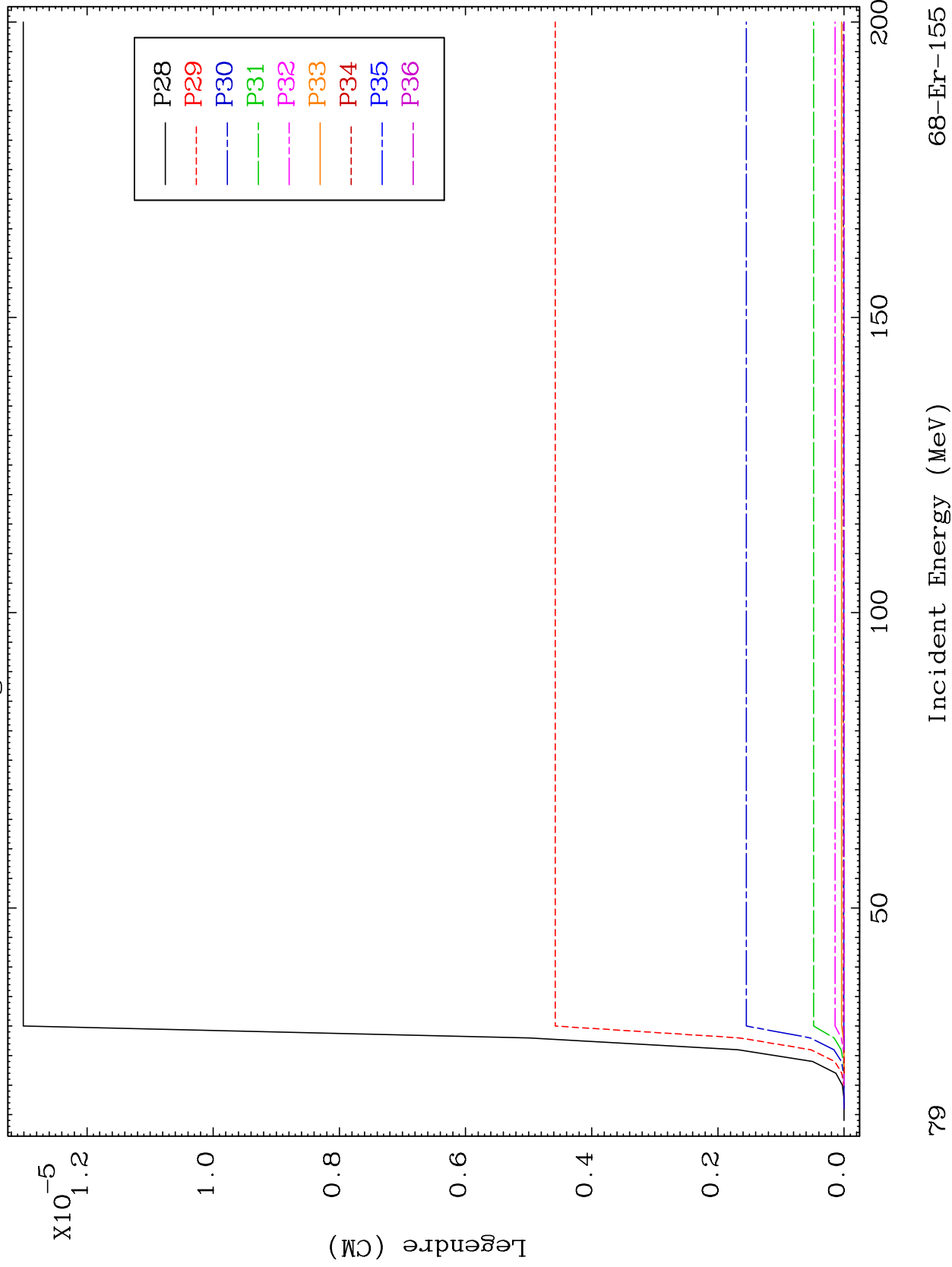
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

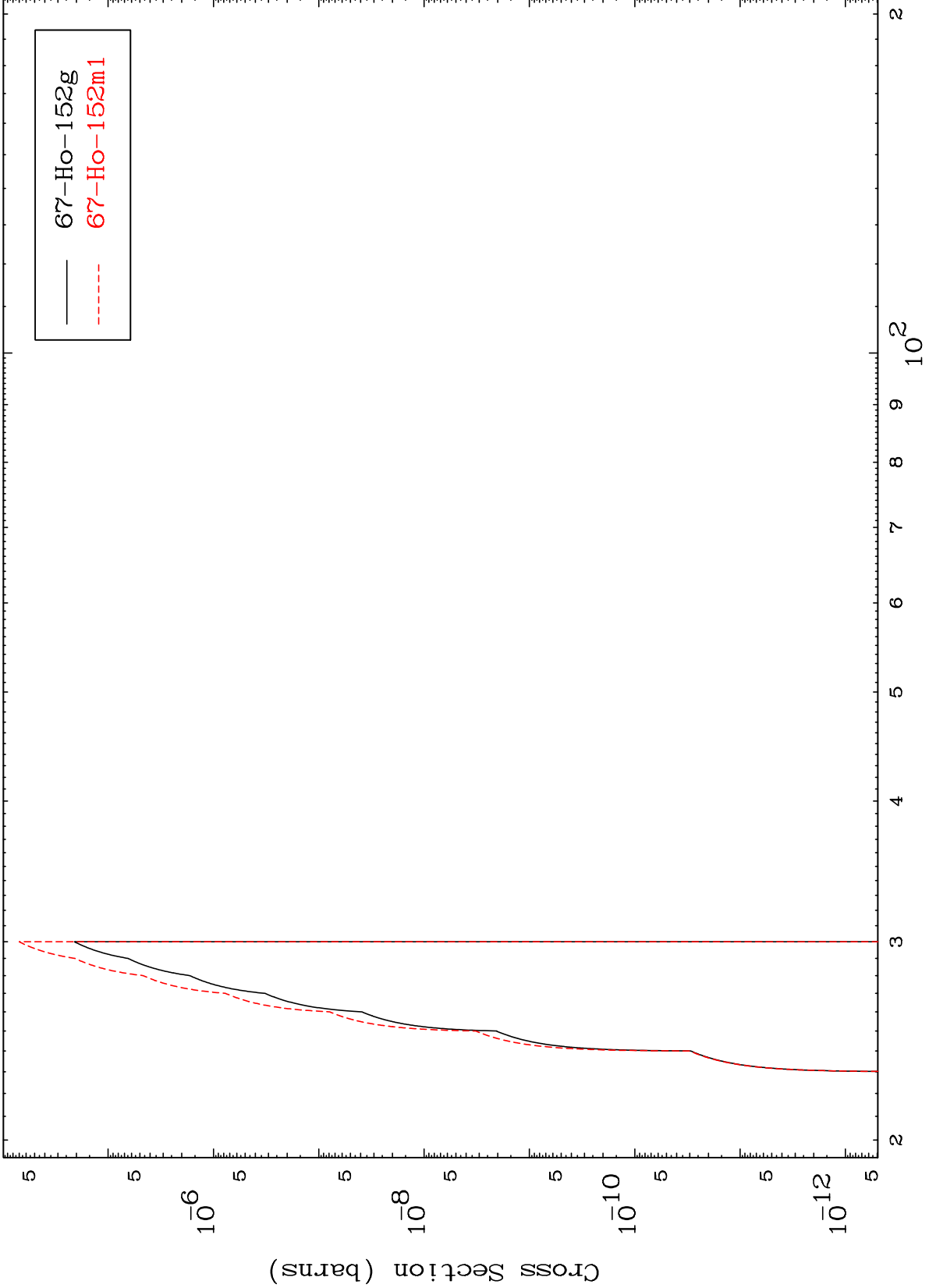


MAT 6804

(n,2n) d

68-Er-155

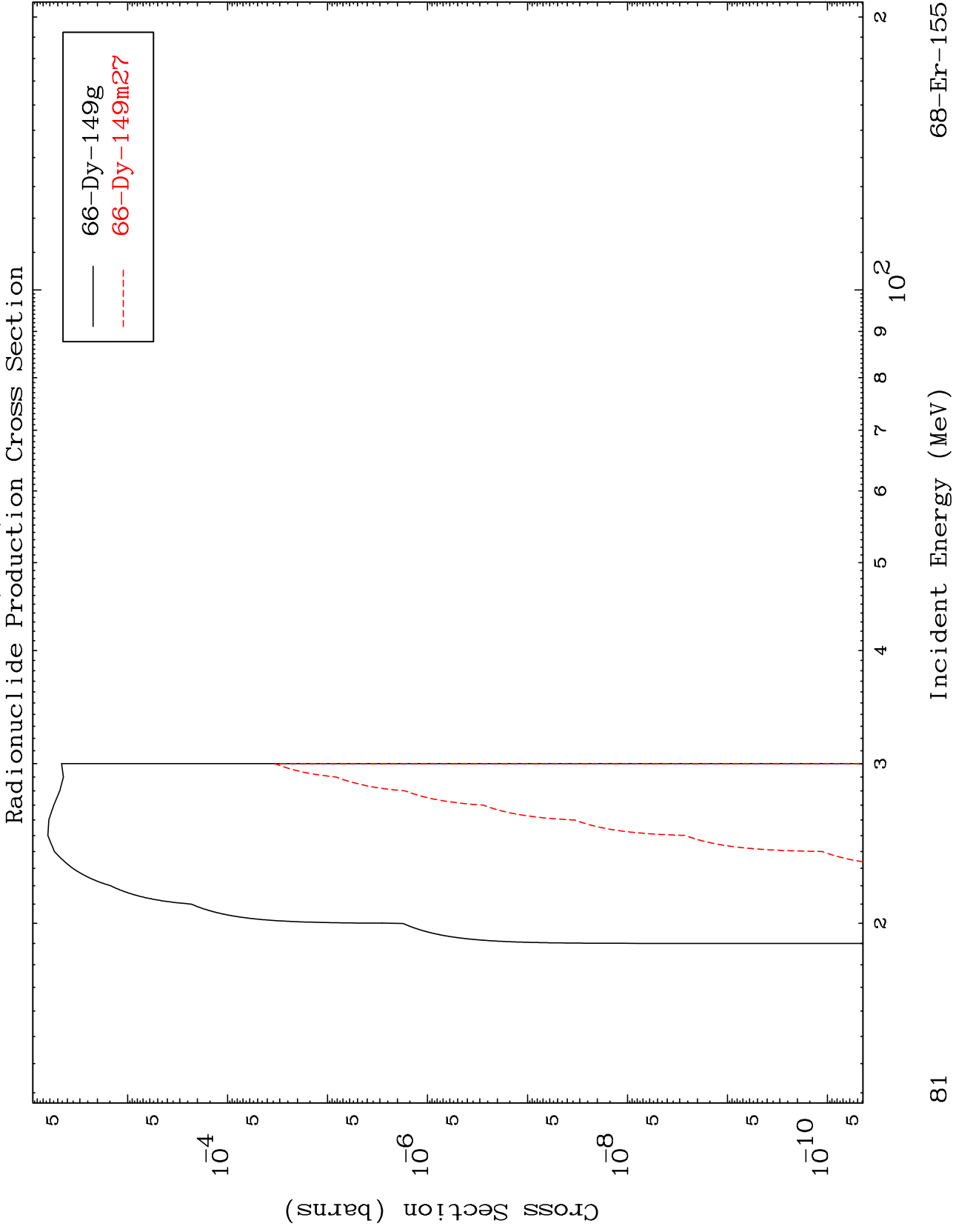
Radionuclide Production Cross Section



80

Incident Energy (MeV)

68-Er-155

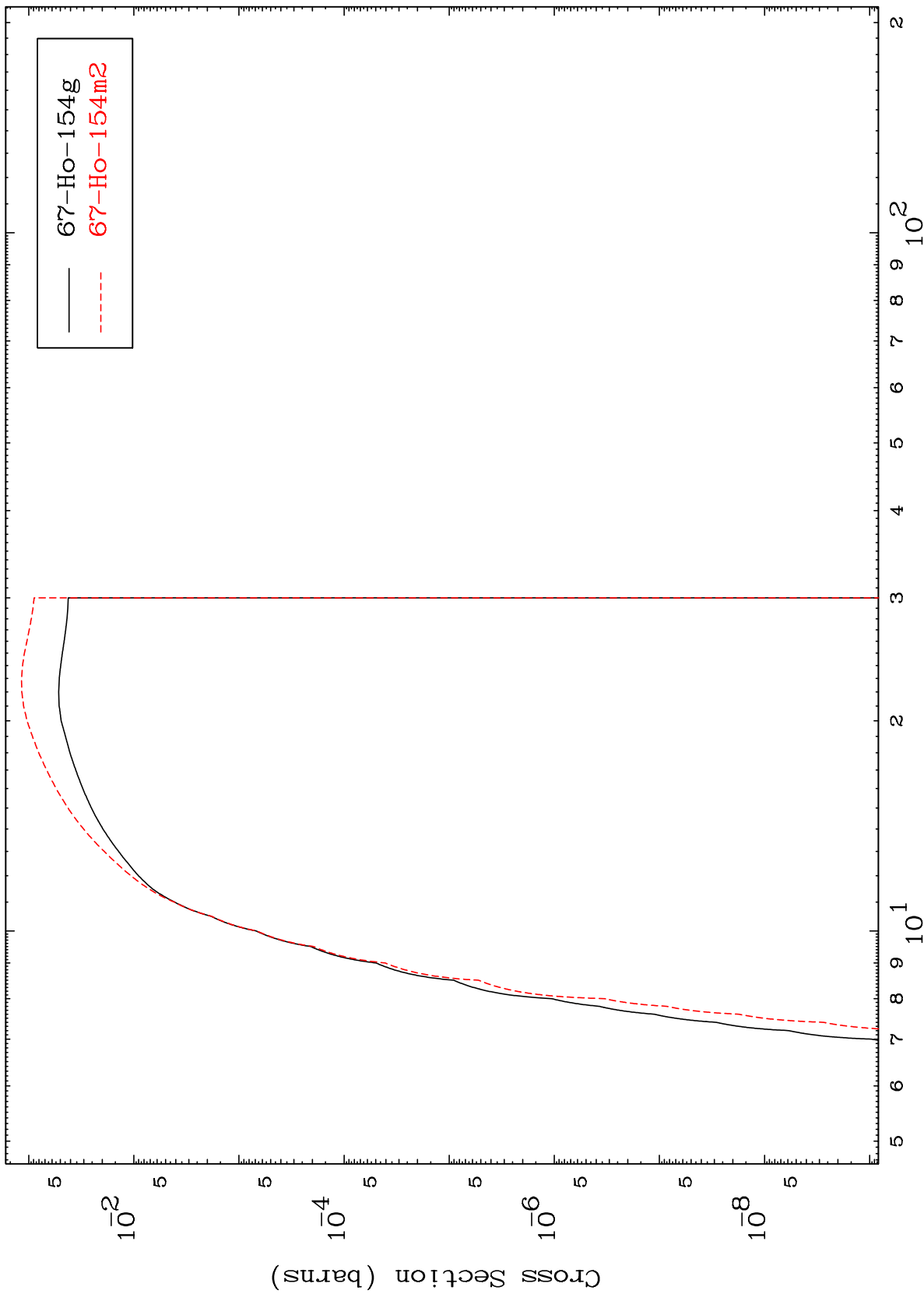


MAT 6804

(n,n') p

68-Er-155

Radionuclide Production Cross Section



82

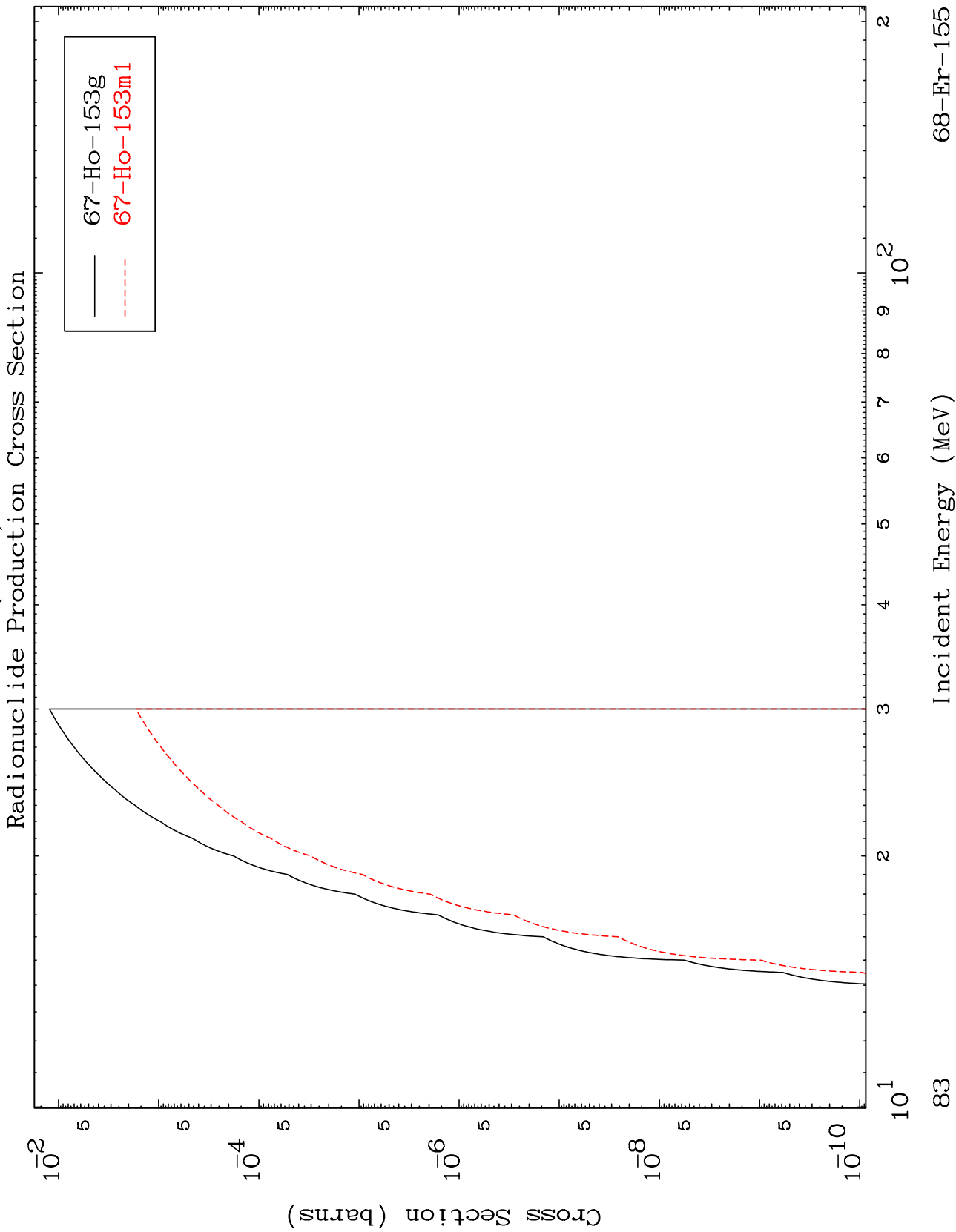
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,n') d

68-Er-155

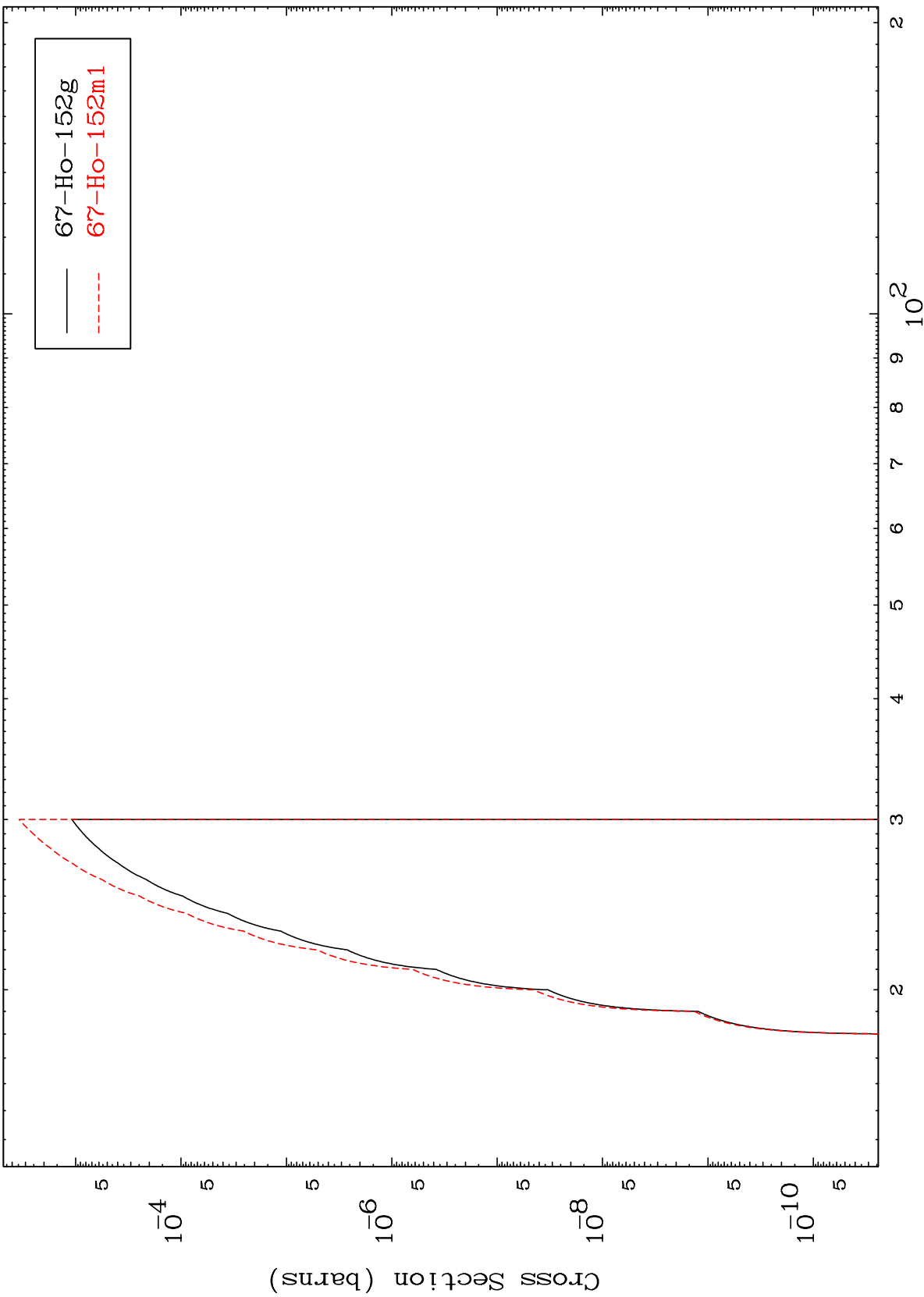


83

Incident Energy (MeV)

68-Er-155

Radionuclide Production Cross Section

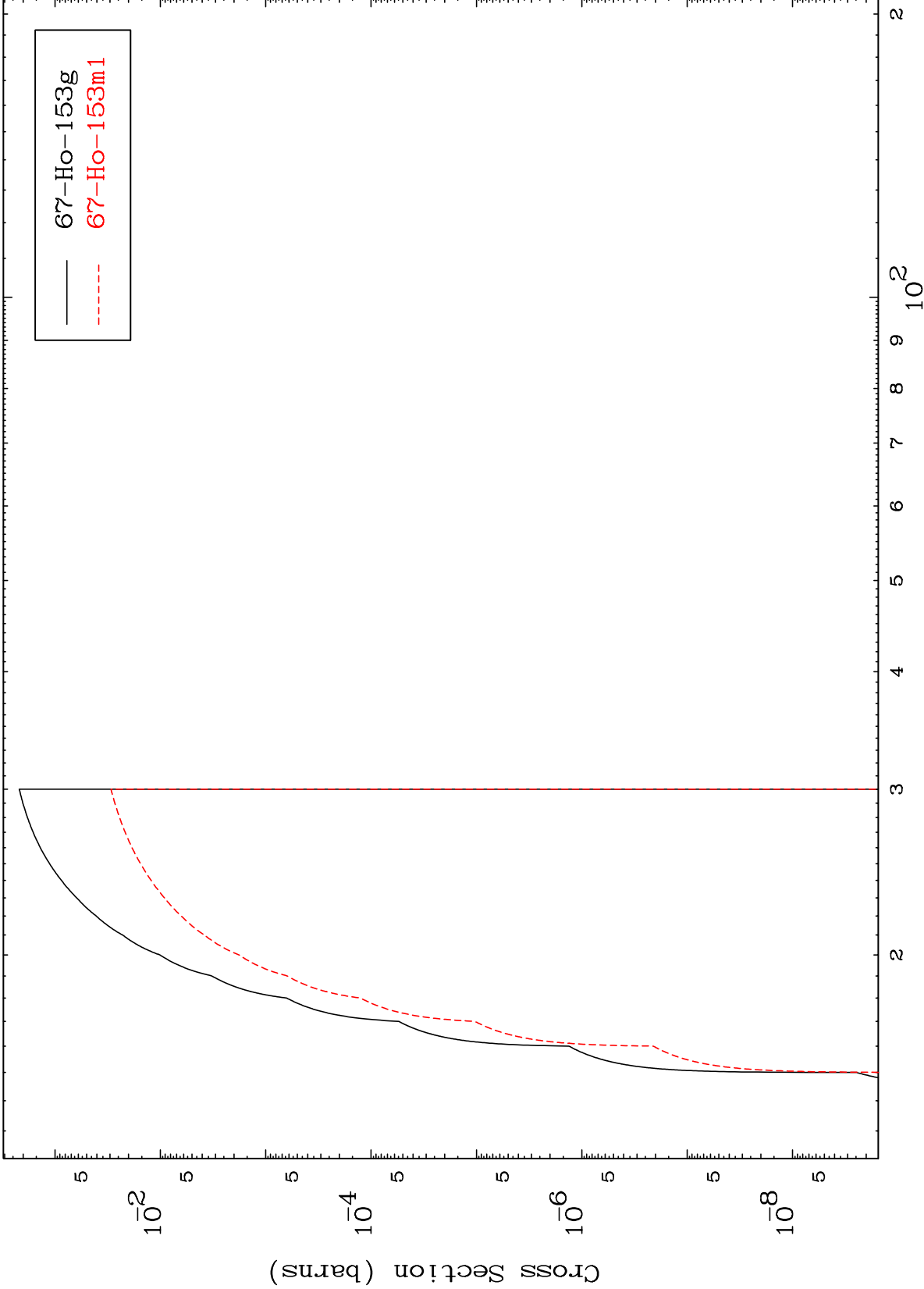


MAT 6804

(n,2n) p

68-Er-155

Radionuclide Production Cross Section



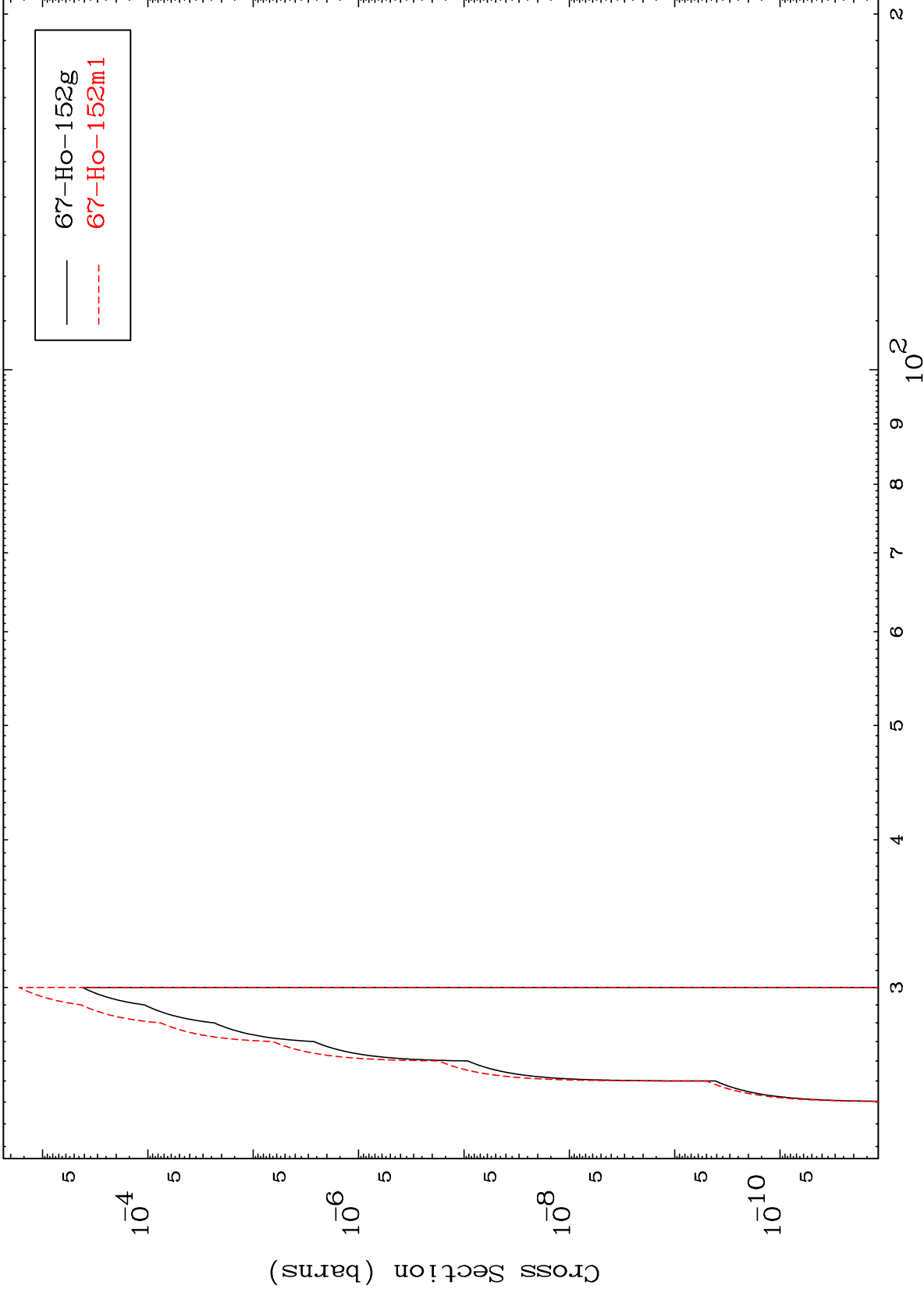
67-Ho-153g  
67-Ho-153m1

85

Incident Energy (MeV)

68-Er-155

Radionuclide Production Cross Section

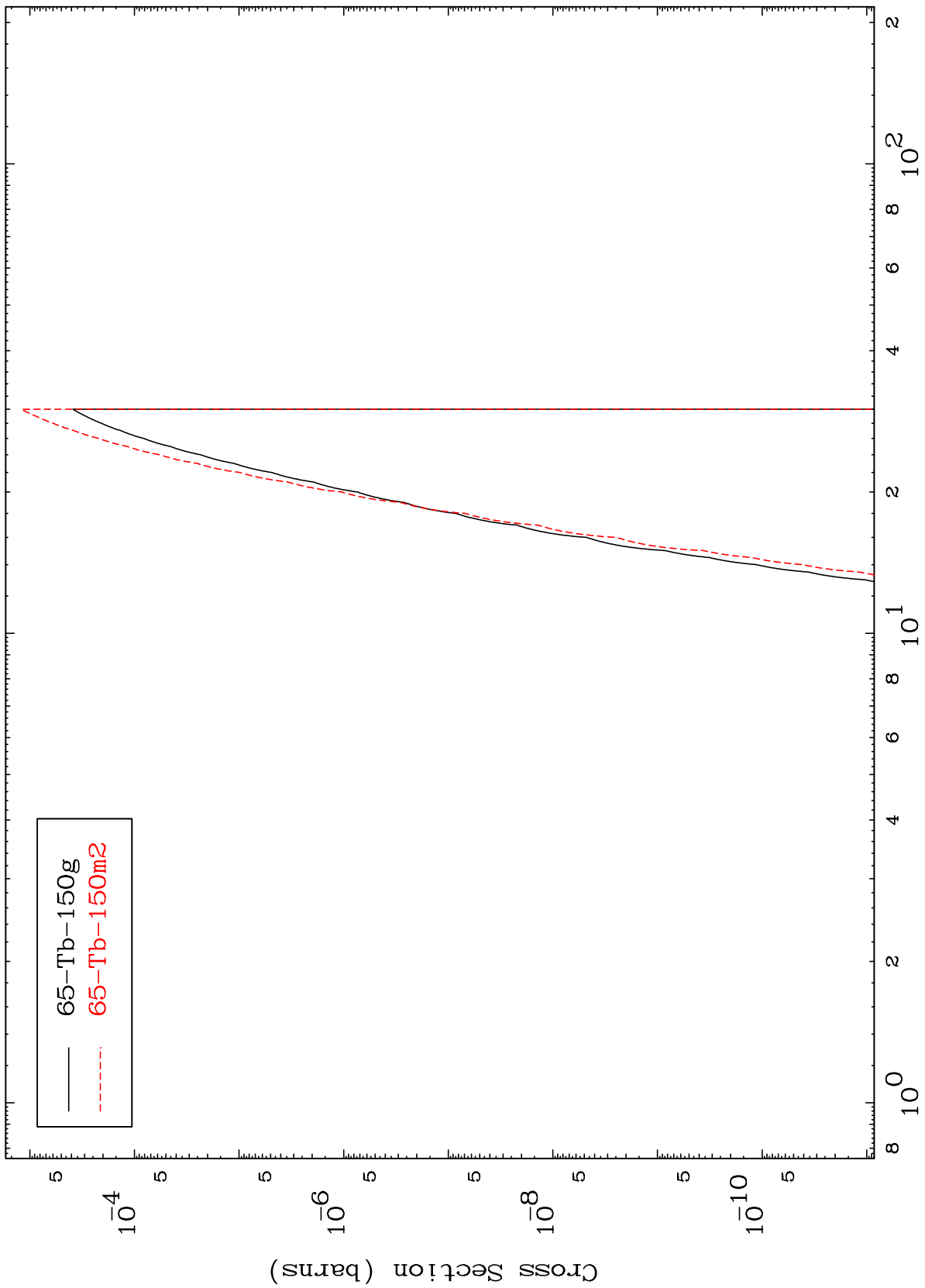


MAT 6804

(n,n') p  $\alpha$

68-Er-155

Radionuclide Production Cross Section



65-Tb-150g  
65-Tb-150m2

87

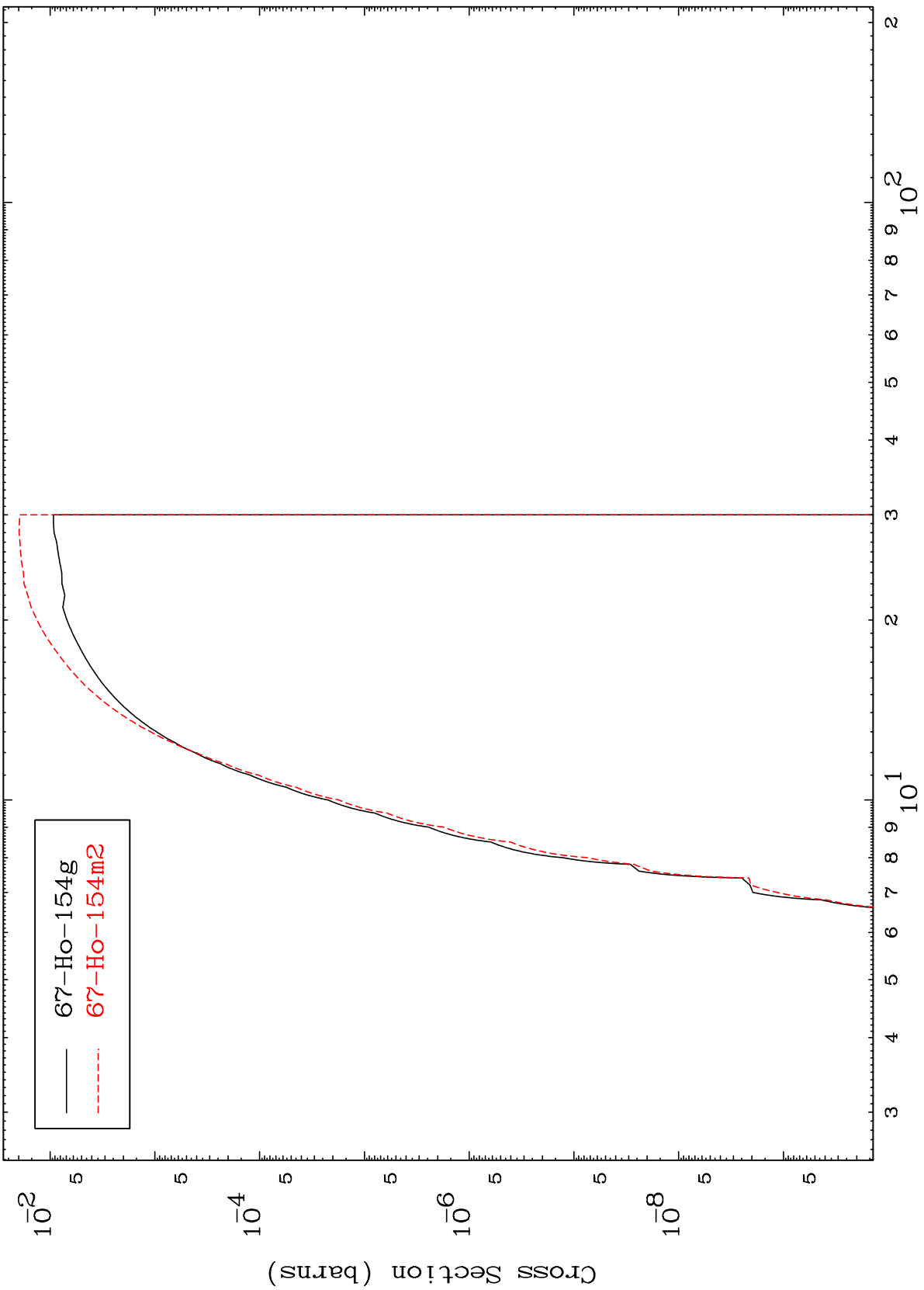
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n,d)  
Radionuclide Production Cross Section



88

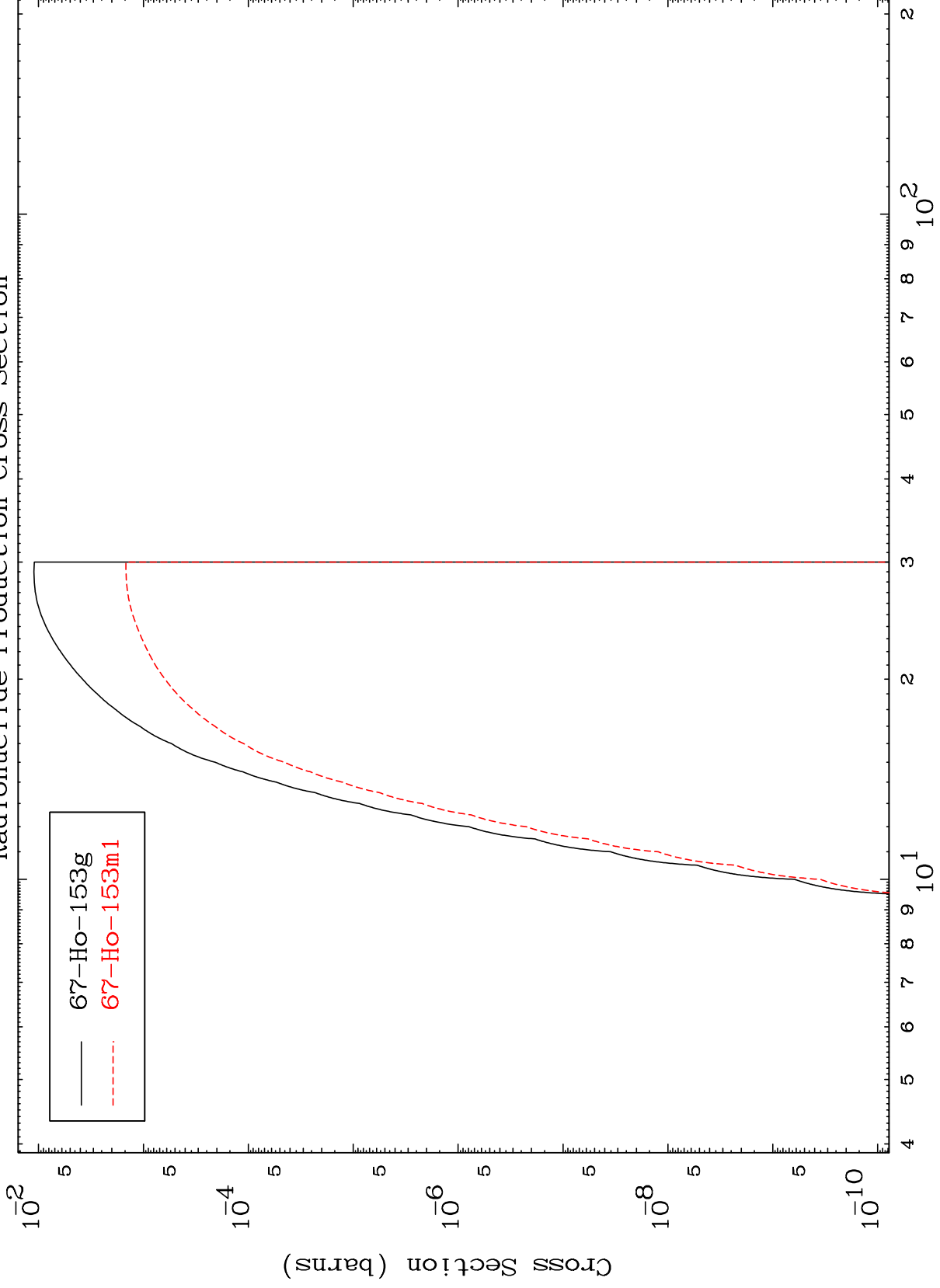
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n, t)  
Radionuclide Production Cross Section



89

Incident Energy (MeV)

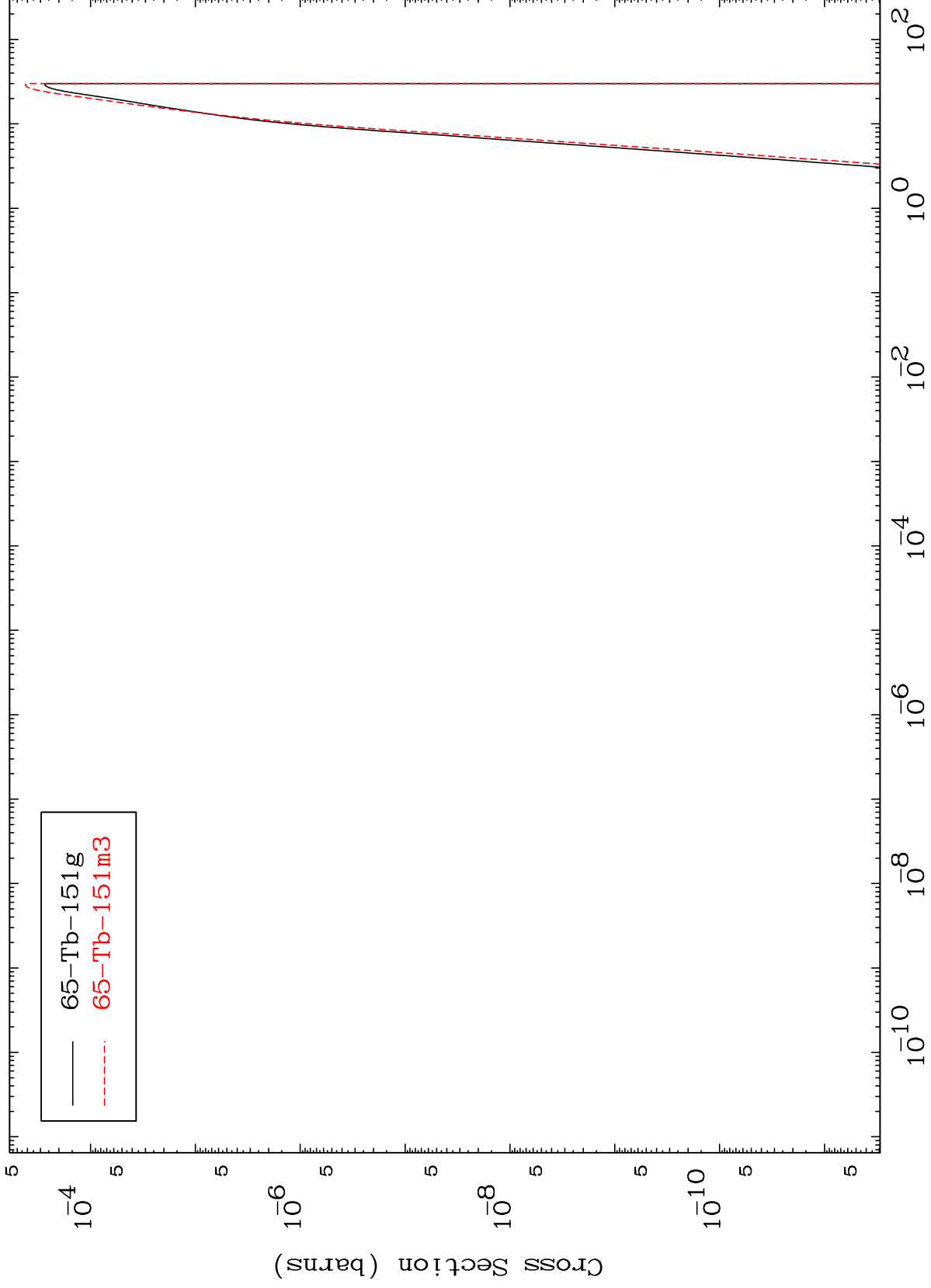
68-Er-155

MAT 6804

(n,p)  $\alpha$

68-Er-155

Radionuclide Production Cross Section



90

Incident Energy (MeV)

68-Er-155

MAT 6804

(n,d)  $\alpha$

68-Er-155

Radionuclide Production Cross Section

