

Program EVALPLOT
(Version 2021-1)

by

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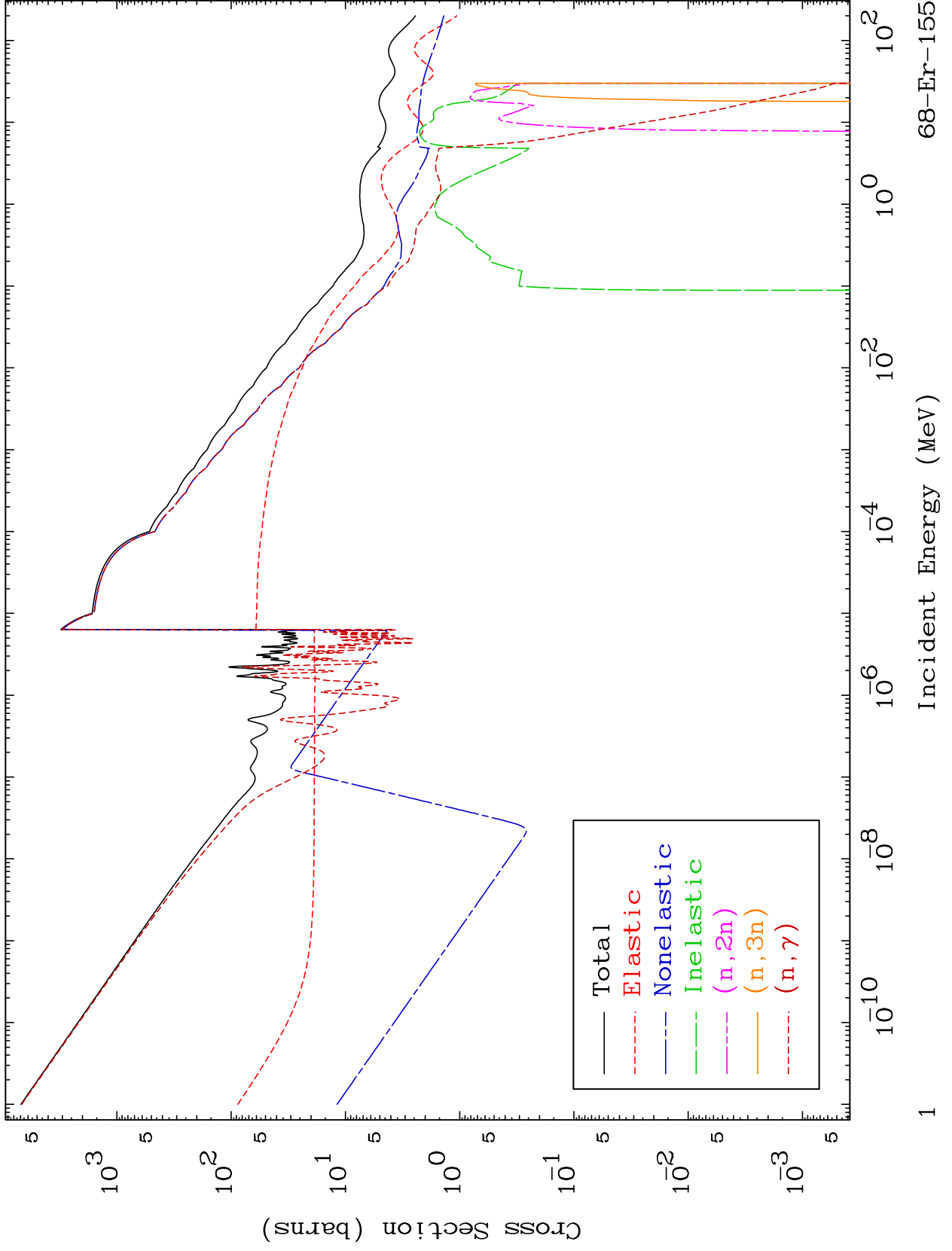
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Press Mouse Button to Start

MAT 6804

Neutron Major
293 Kelvin Cross Sections

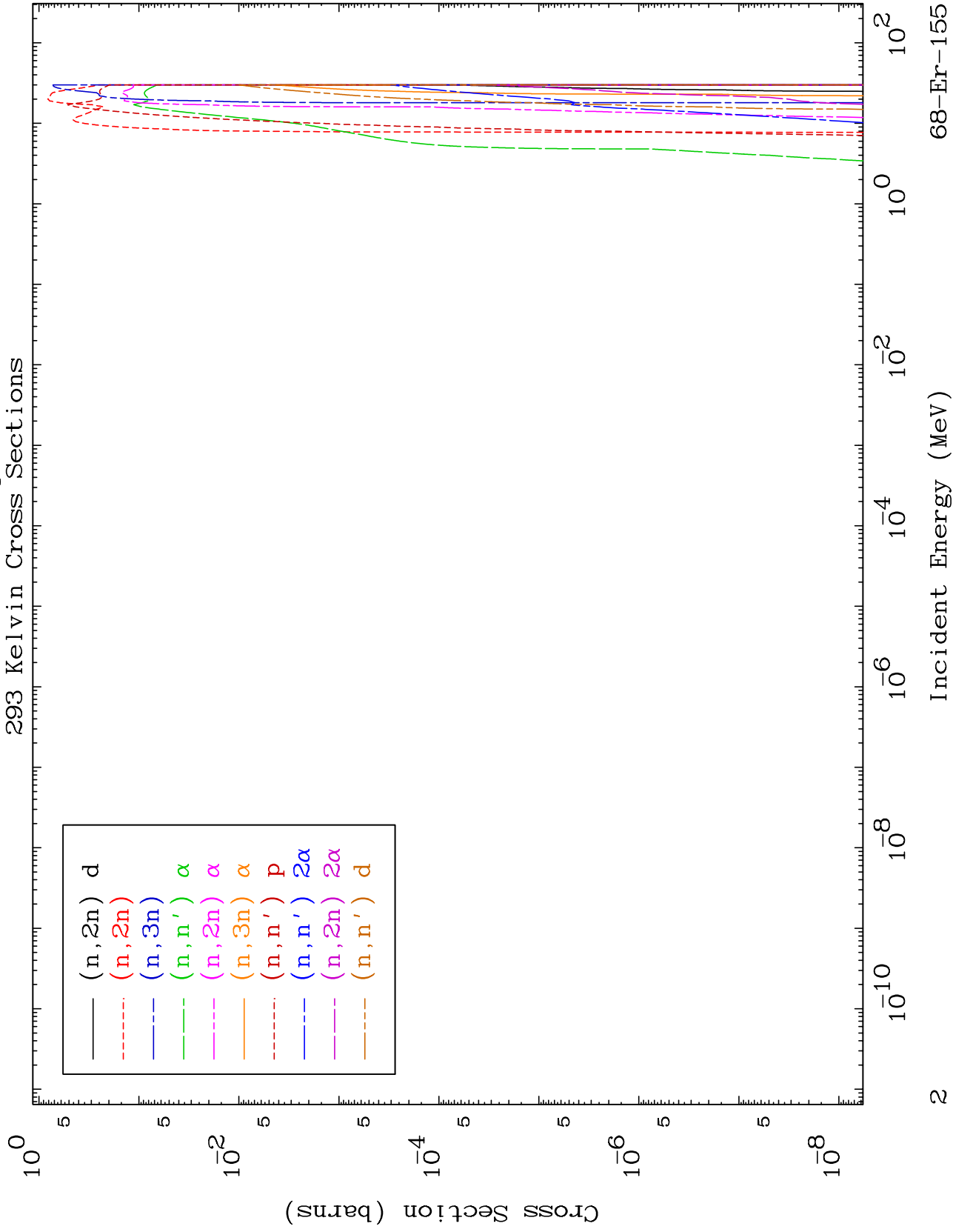
68-Er-155



MAT 6804

Neutron Absorption
293 Kelvin Cross Sections

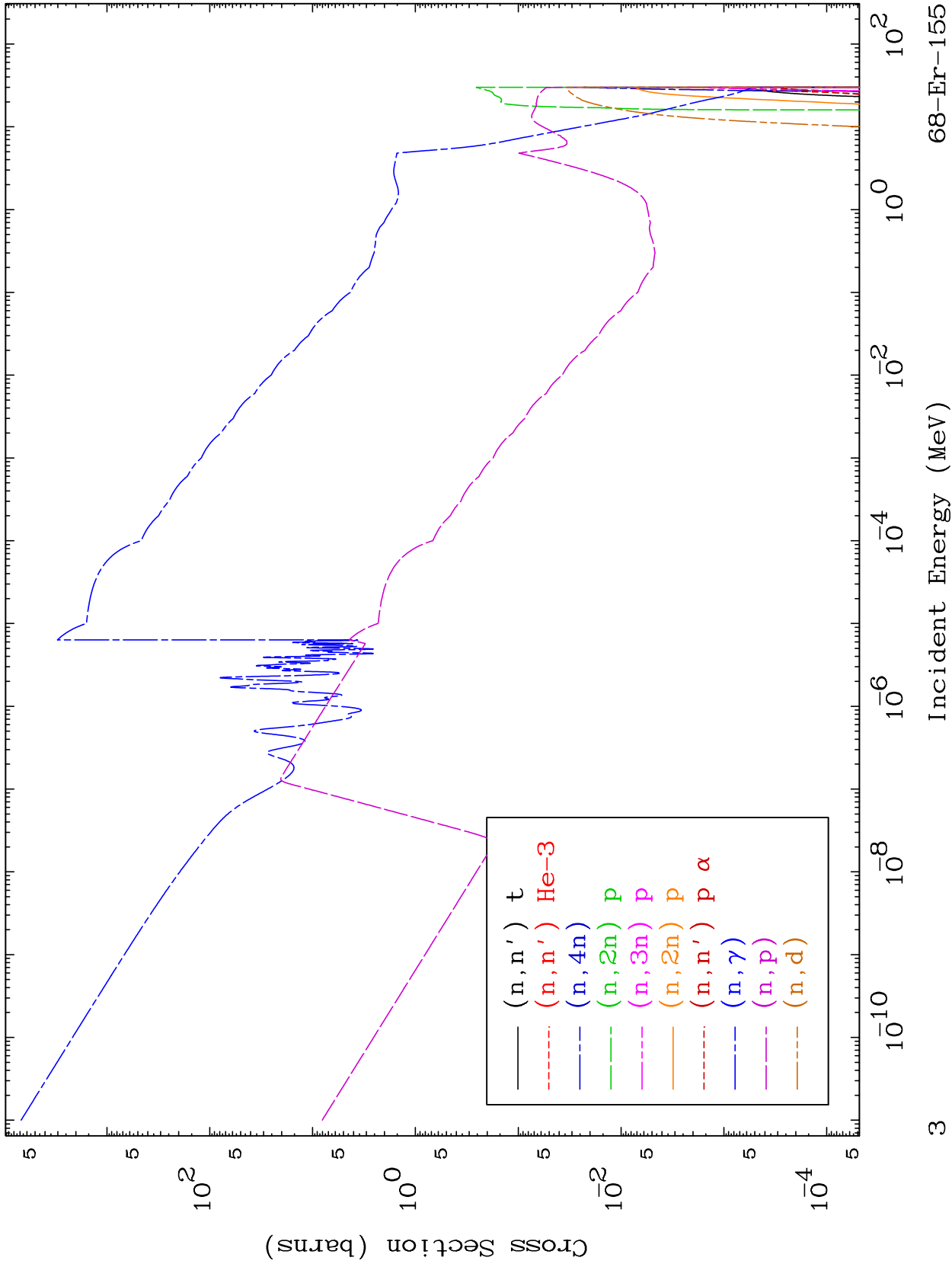
68-Er-155



MAT 6804

Neutron Absorption
293 Kelvin Cross Sections

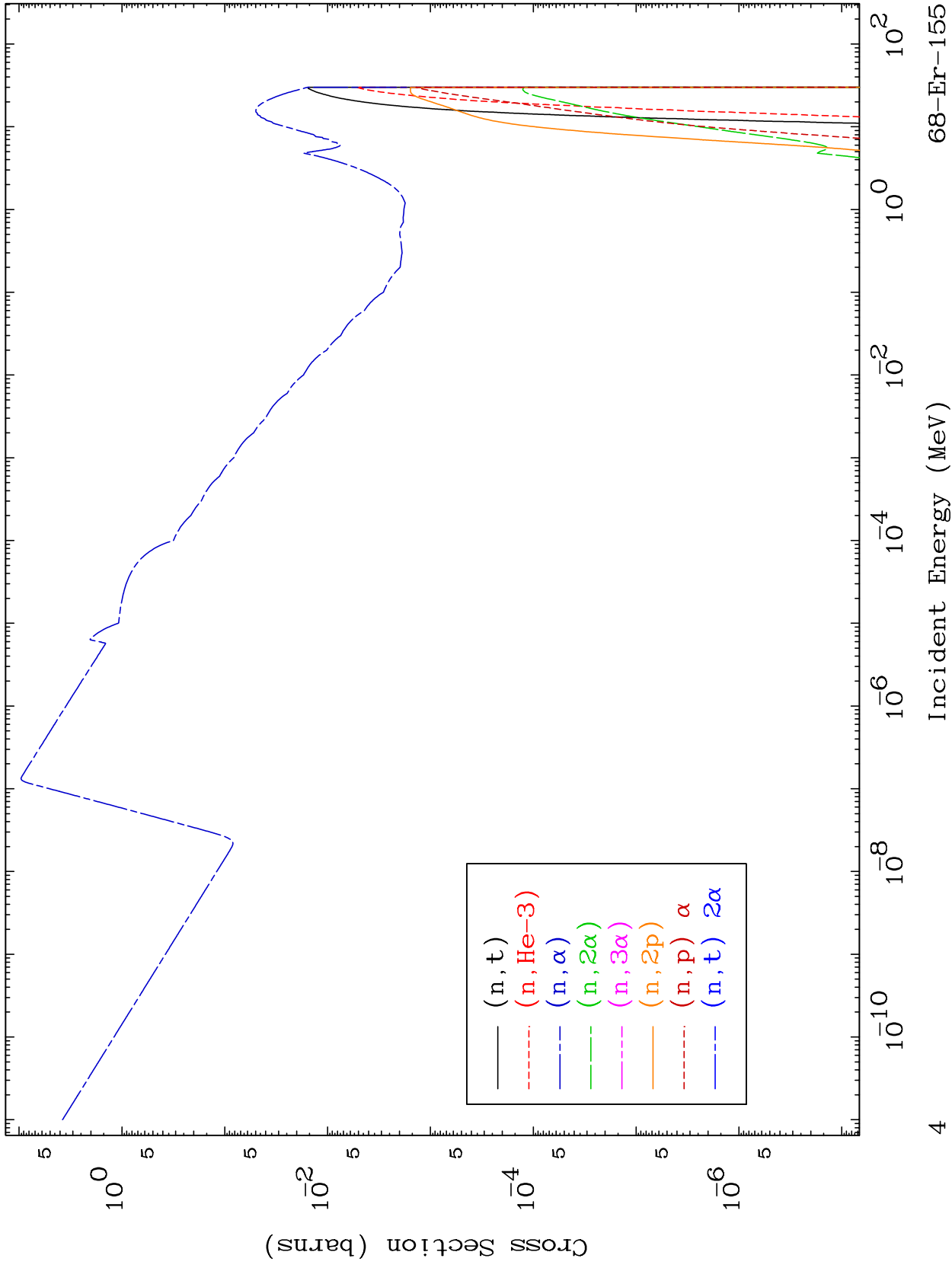
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MAT 6804

Neutron Absorption
293 Kelvin Cross Sections

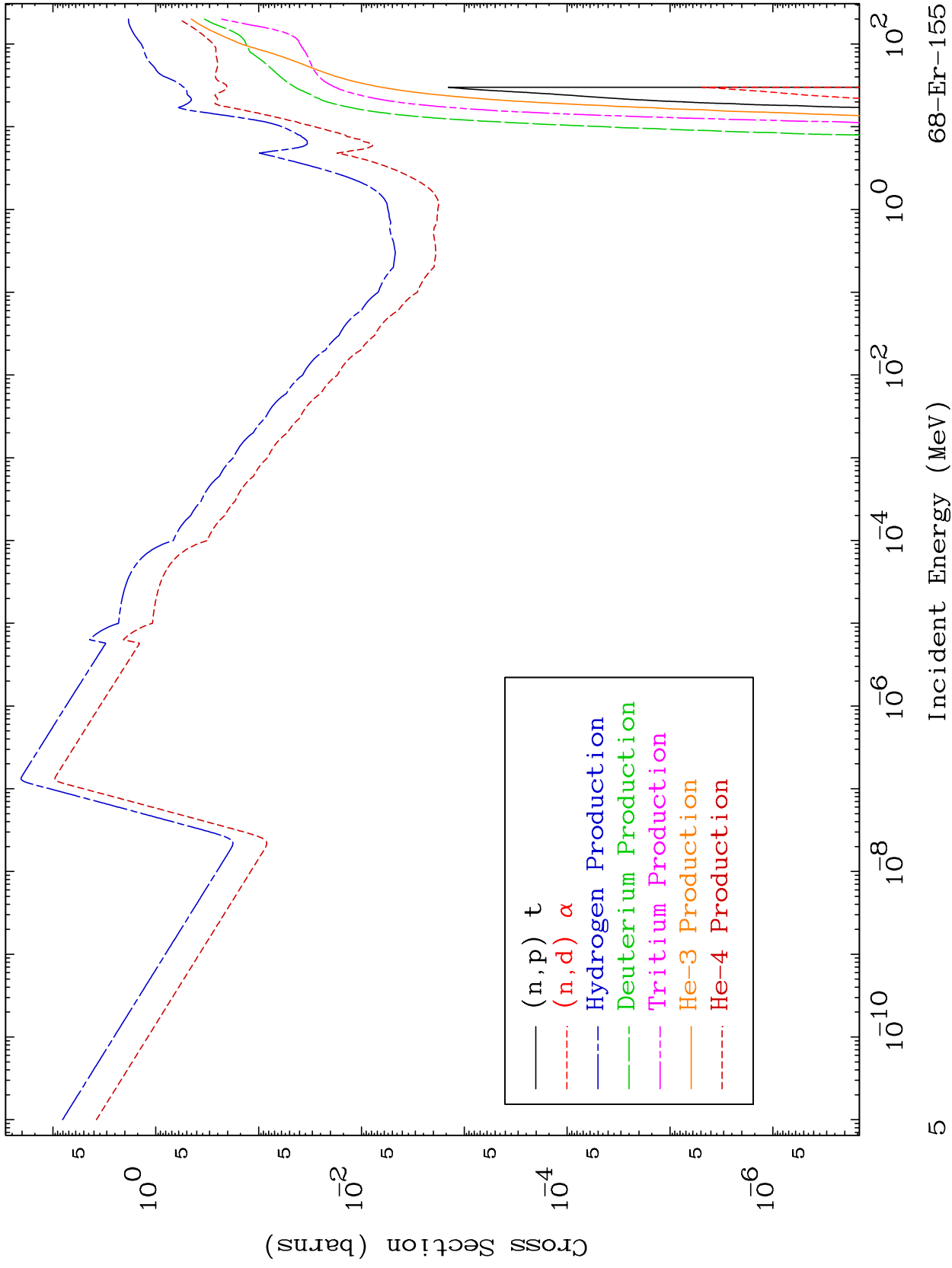
68-Er-155



MAT 6804

Neutron Absorption
293 Kelvin Cross Sections

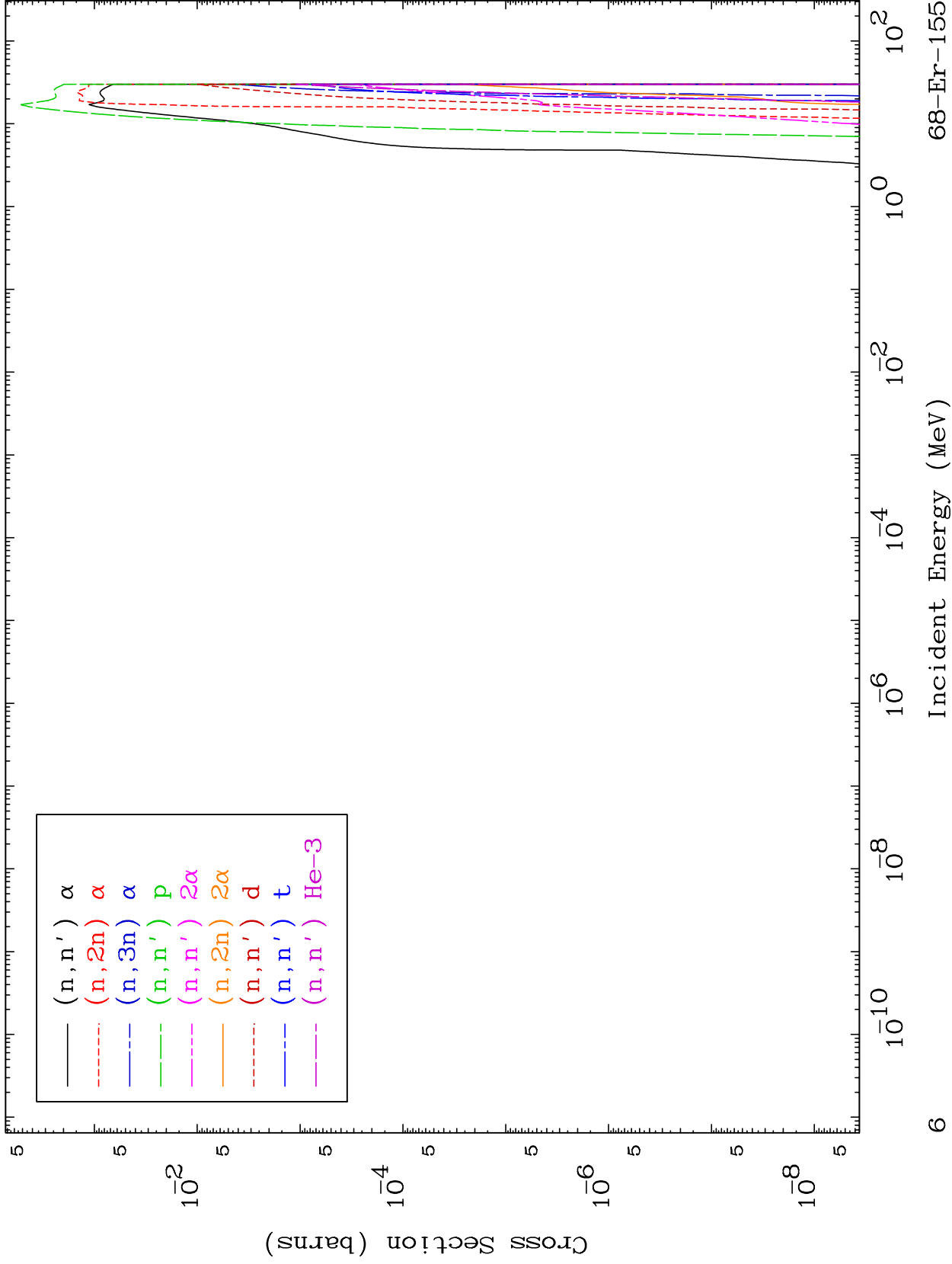
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MAT 6804

Charged Particle
293 Kelvin Cross Sections

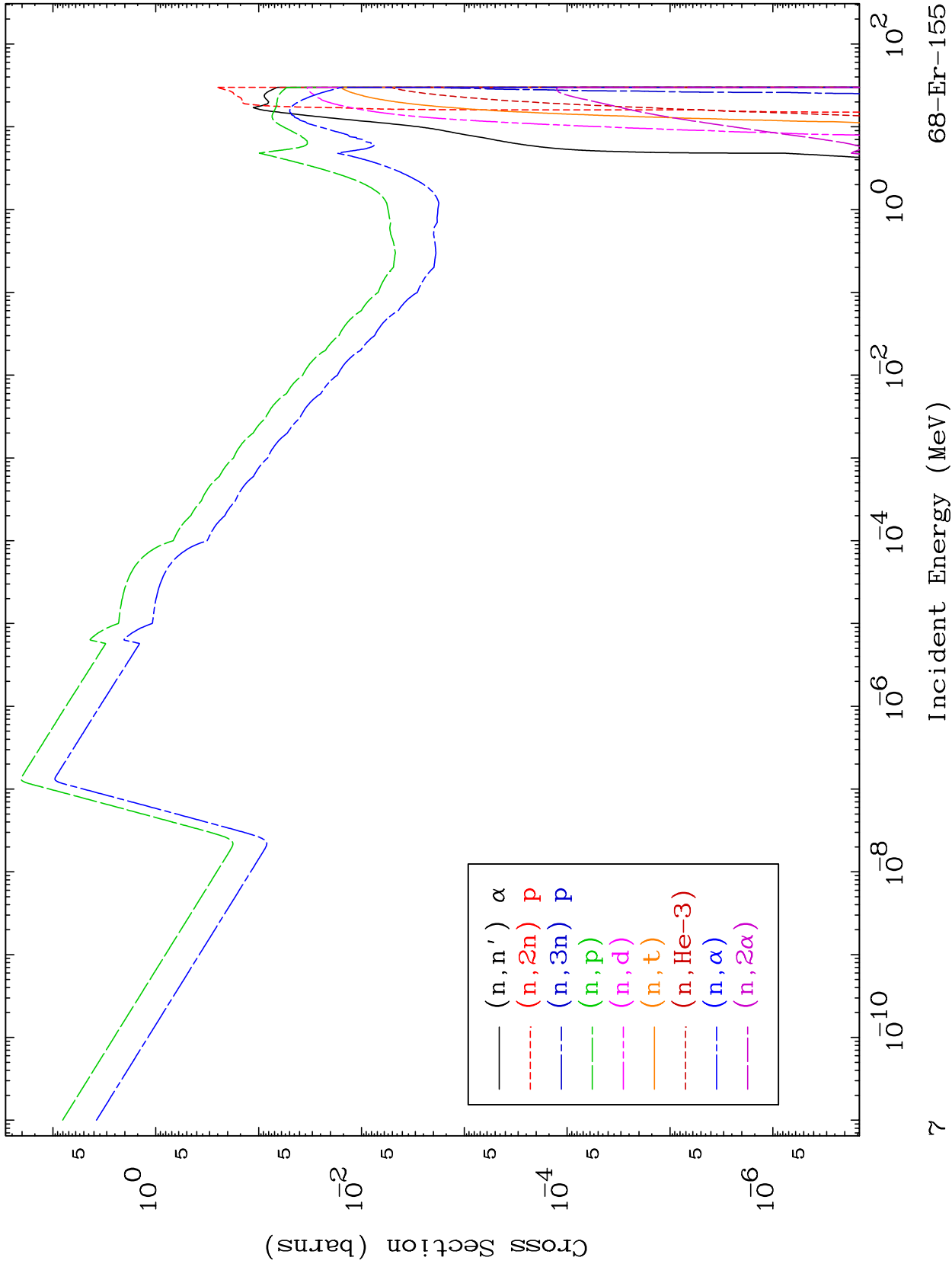
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MAT 6804

Charged Particle
293 Kelvin Cross Sections

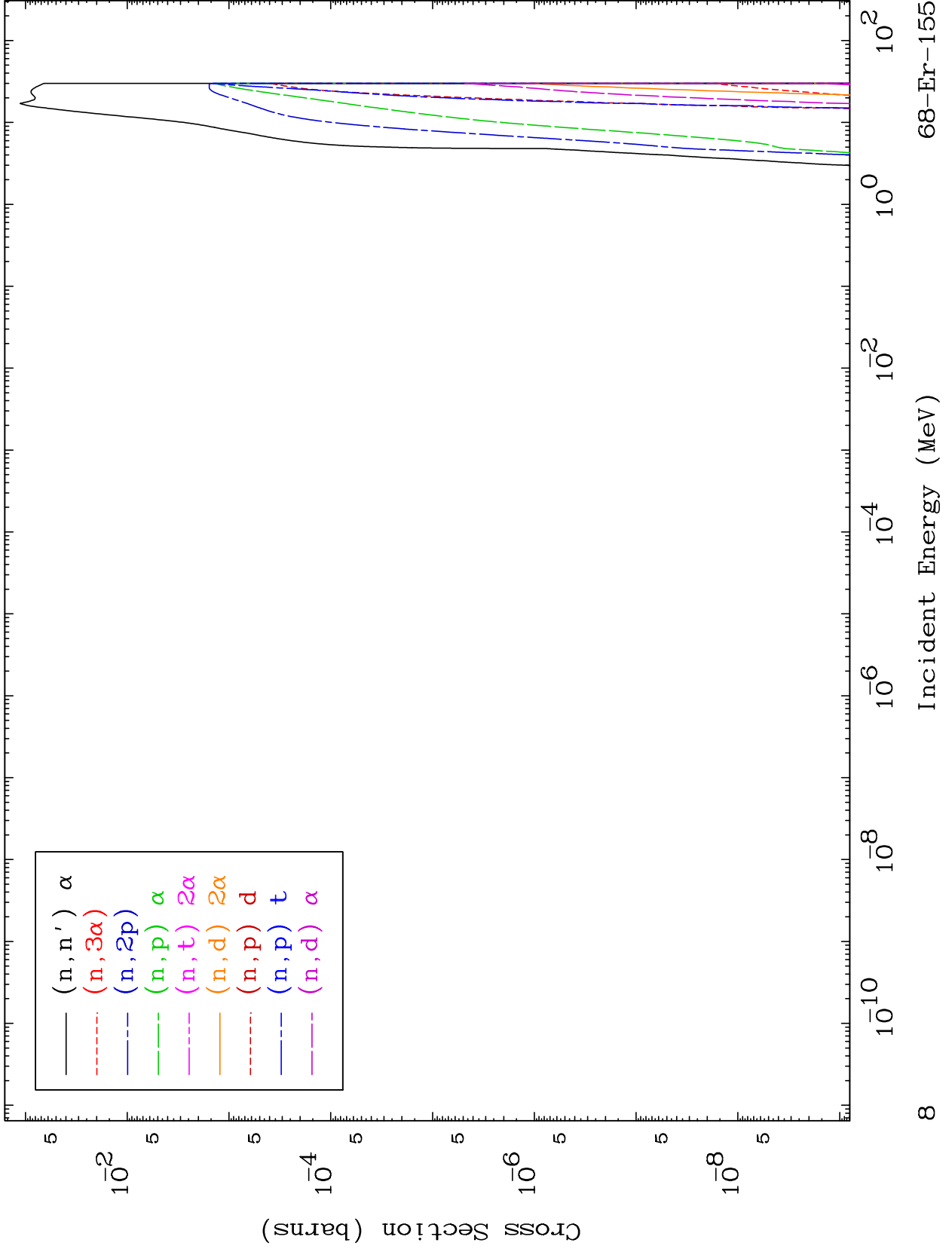
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MAT 6804

Charged Particle
293 Kelvin Cross Sections

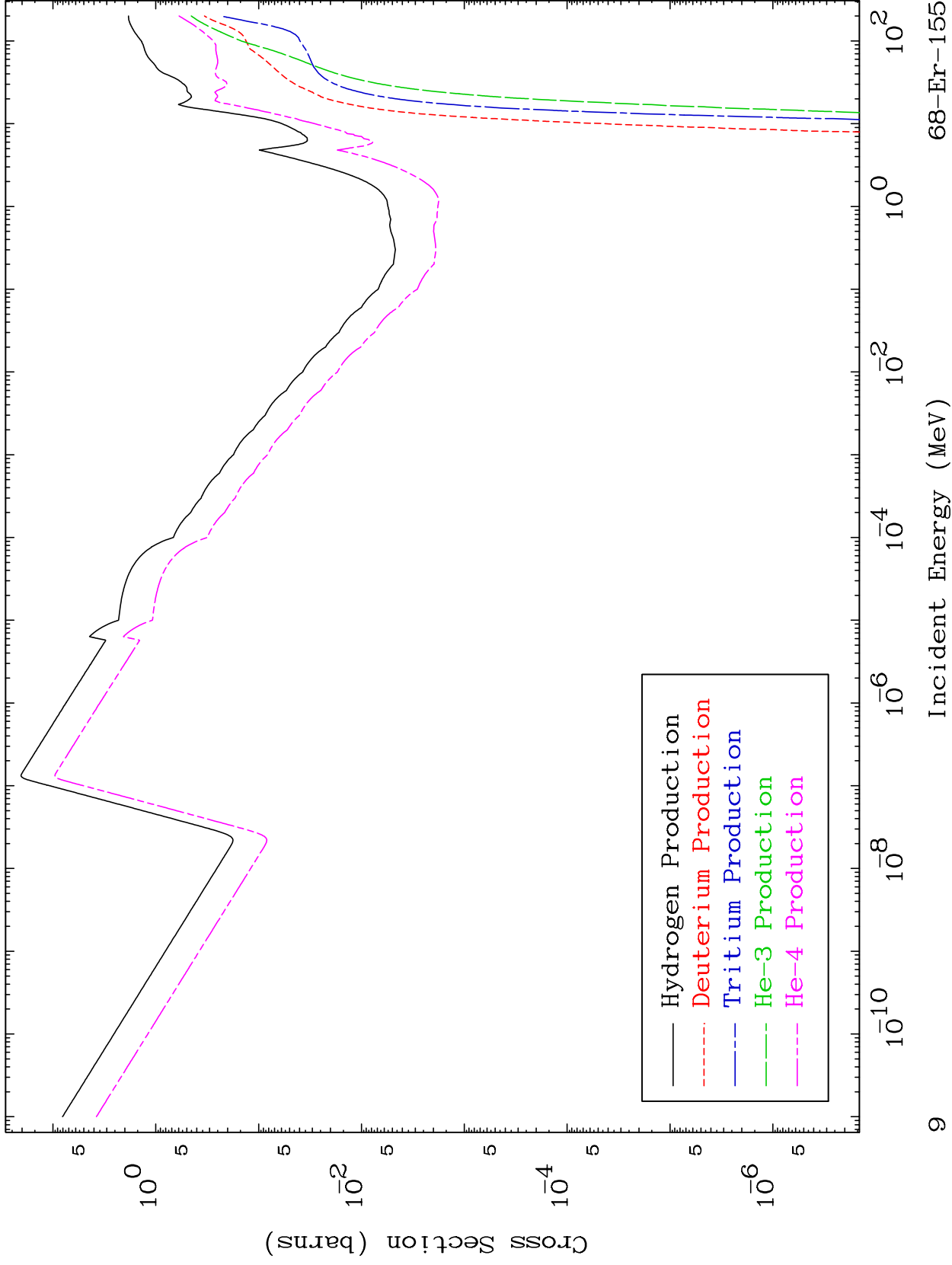
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MAT 6804

Particle Production
293 Kelvin Cross Sections

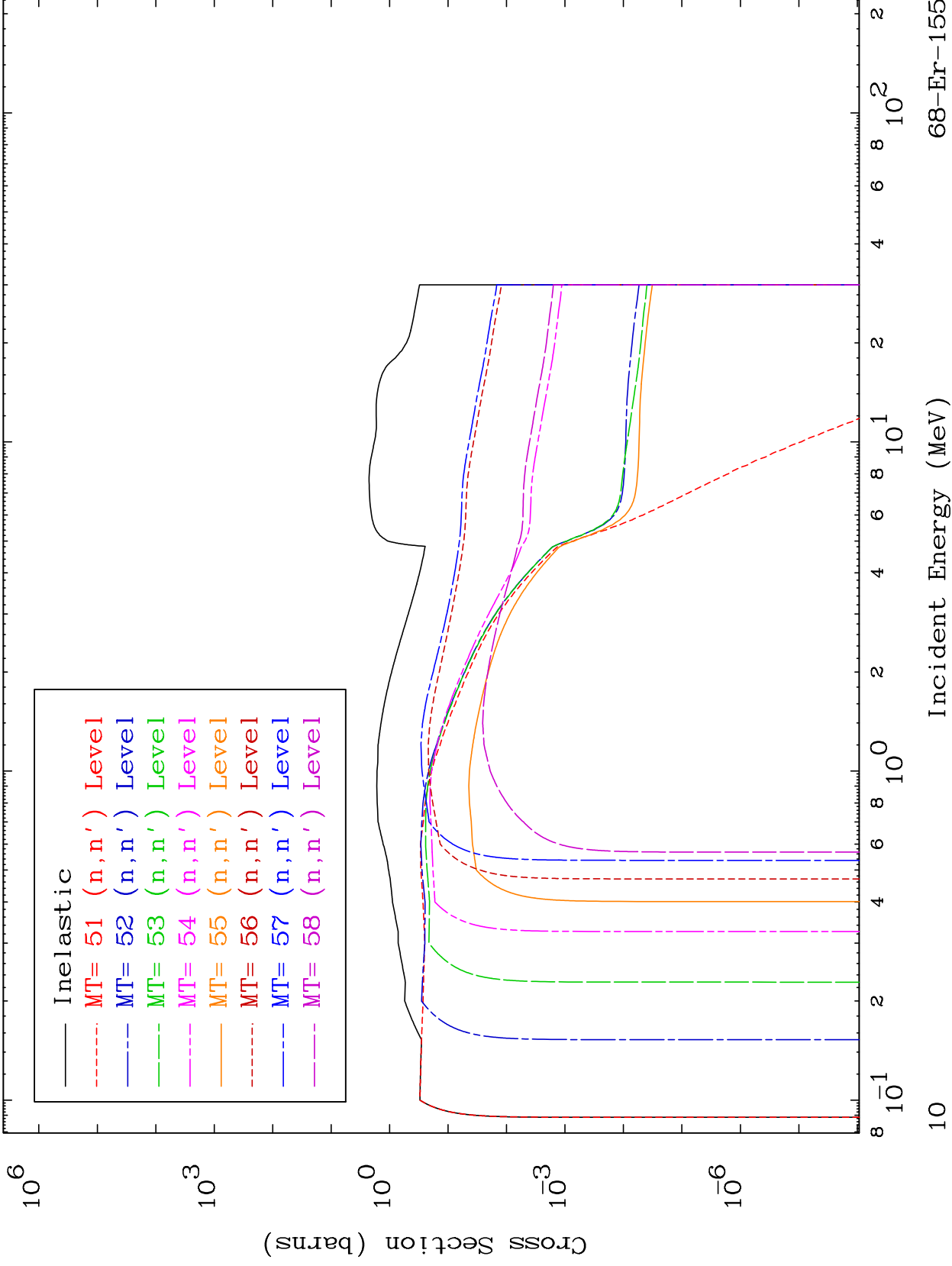
68-Er-155



MAT 6804

(n,n') Levels
293 Kelvin Cross Sections

68-Er-155



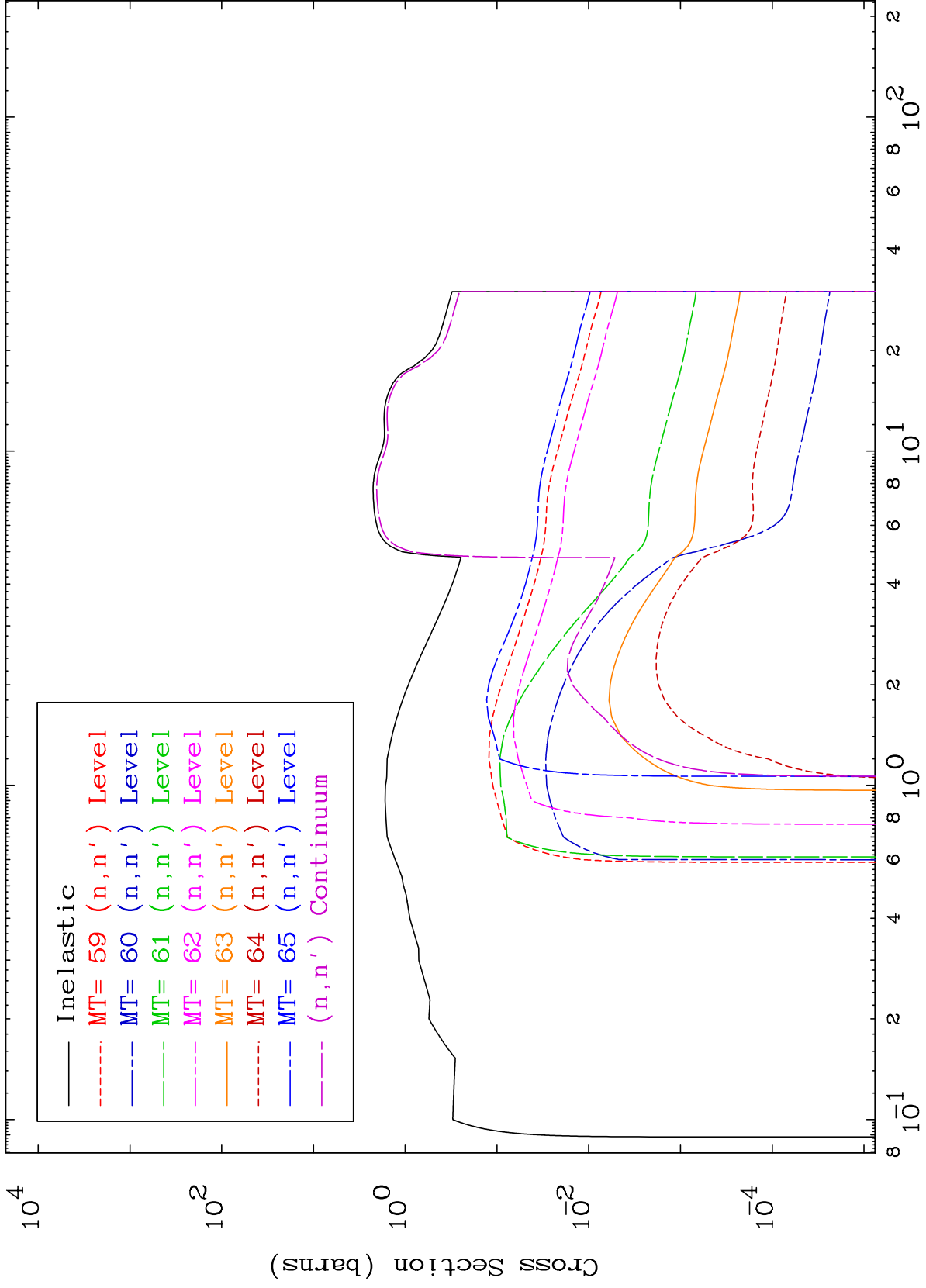
68-Er-155

Incident Energy (MeV)

MAT 6804

(n,n') Levels
293 Kelvin Cross Sections

68-Er-155



11

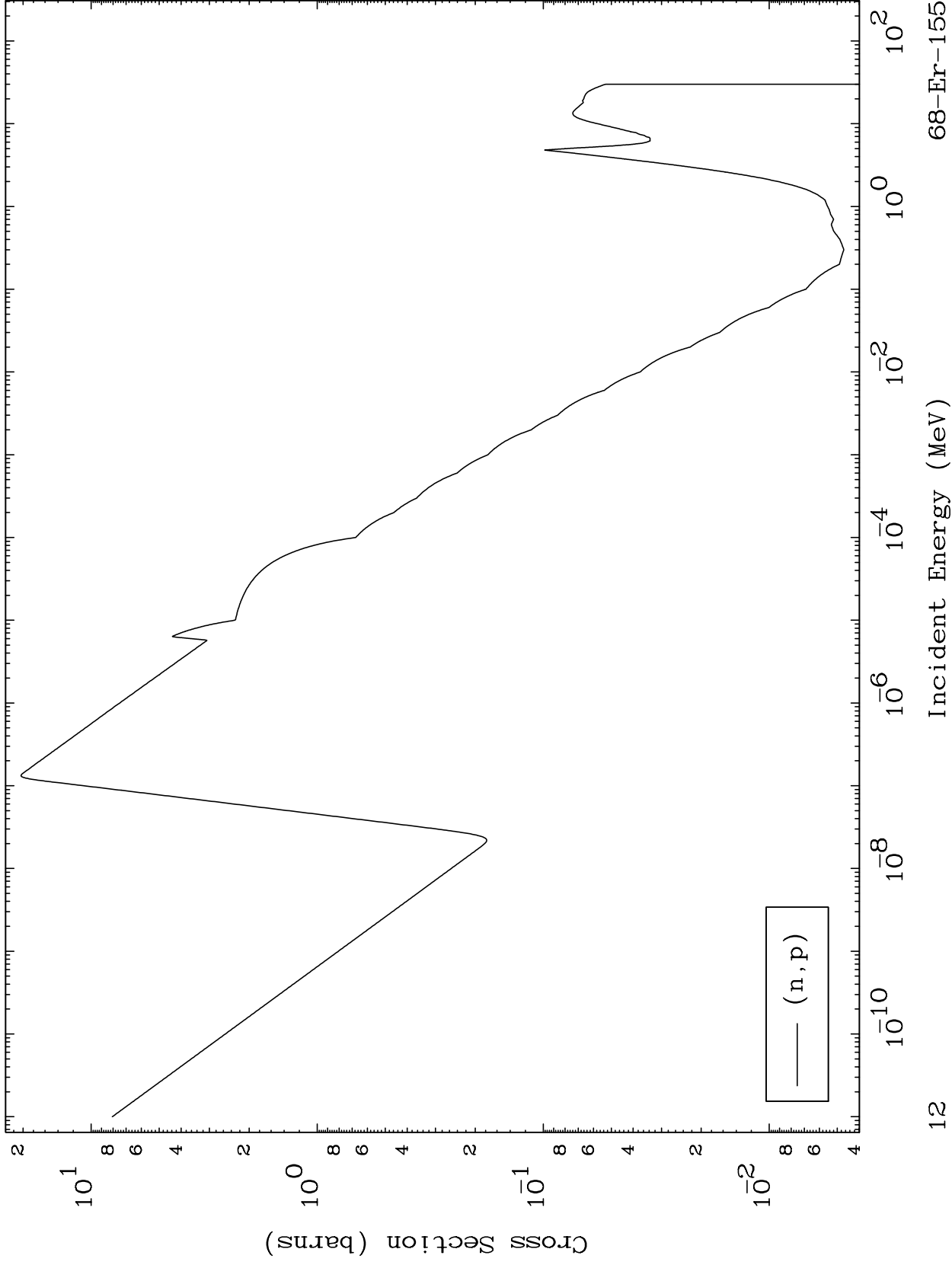
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,p) Levels
293 Kelvin Cross Sections

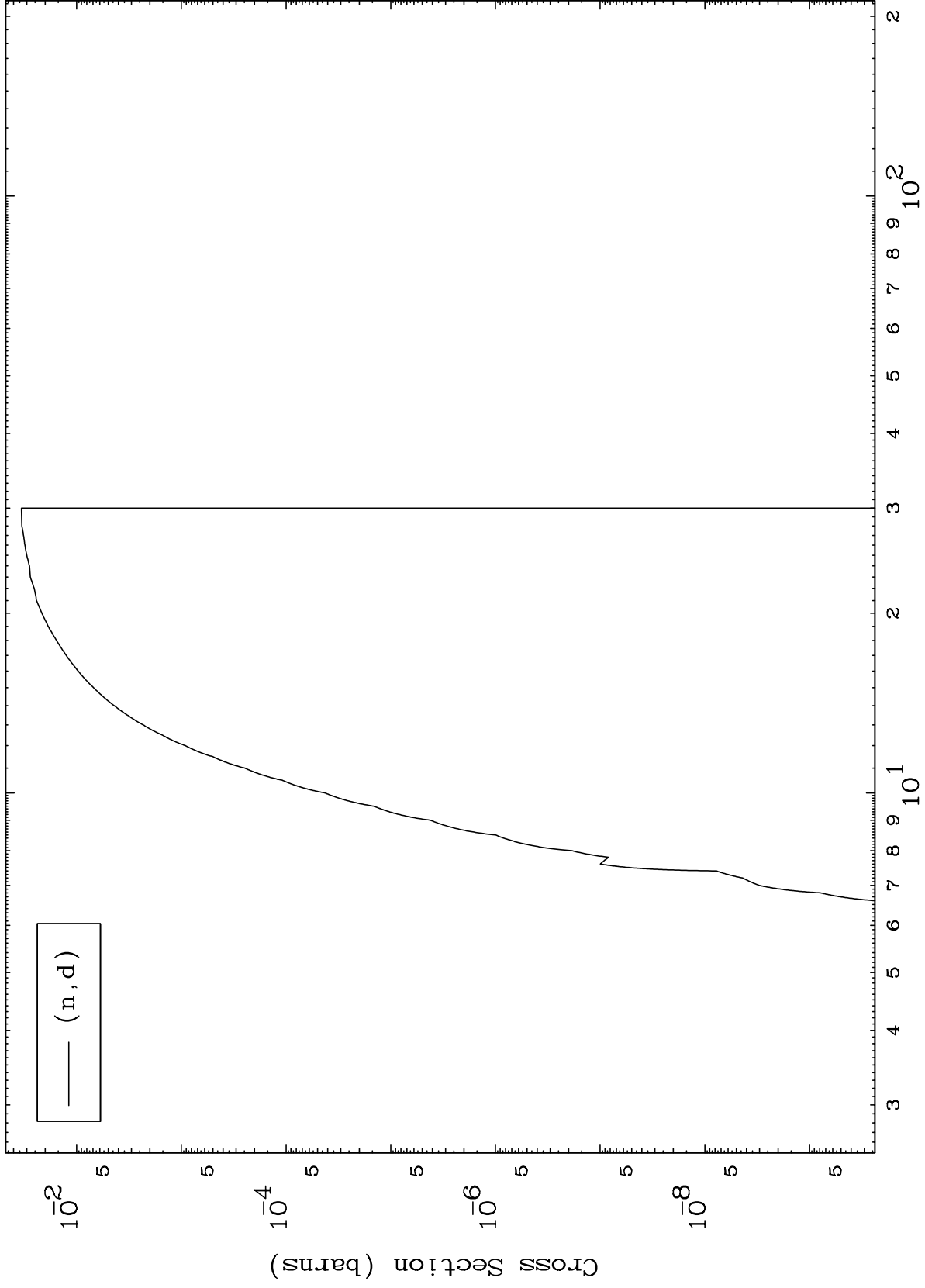
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MAT 6804

(n,d) Levels
293 Kelvin Cross Sections

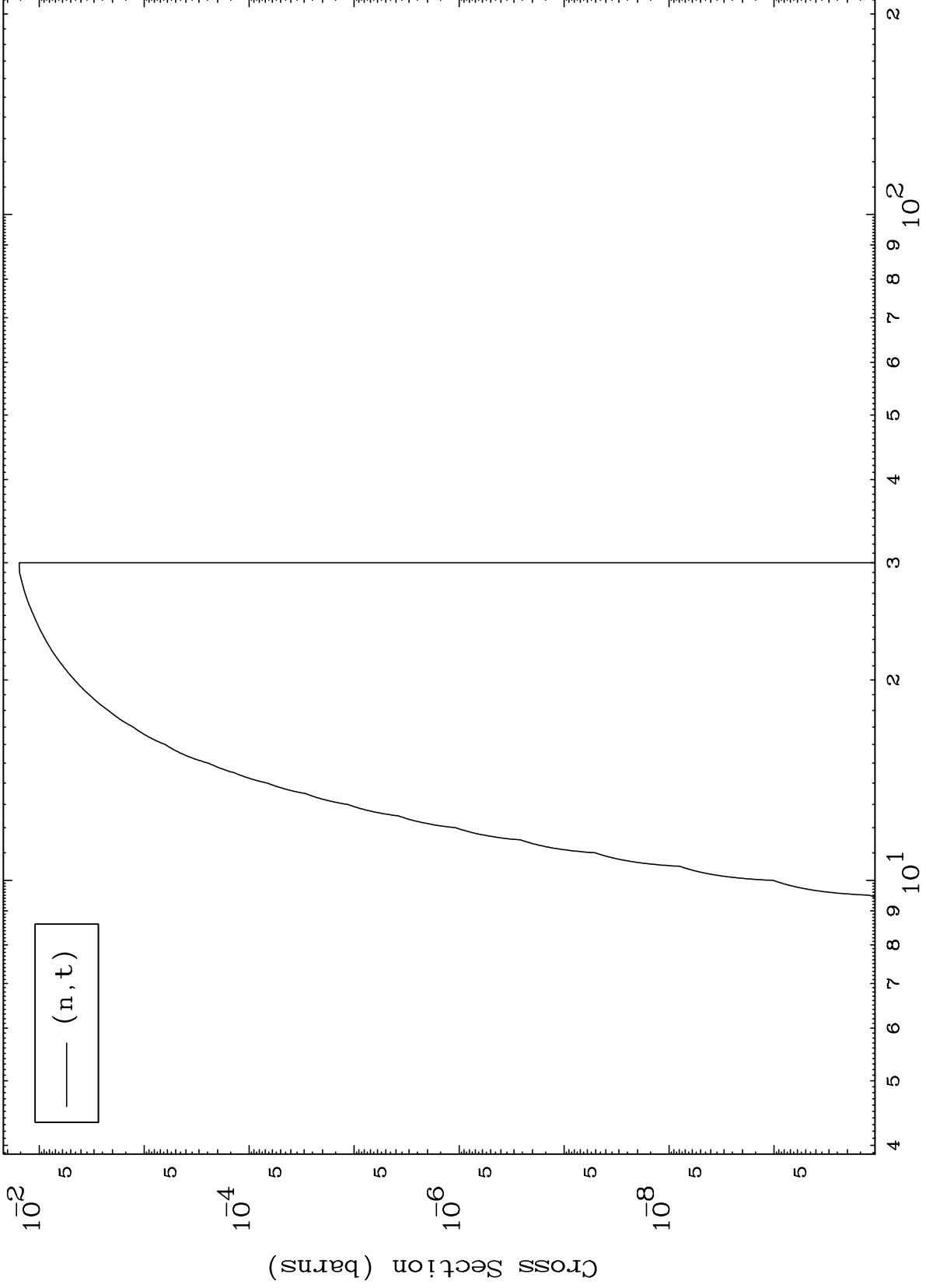
68-Er-155



MAT 6804

(n,t) Levels
293 Kelvin Cross Sections

68-Er-155



14

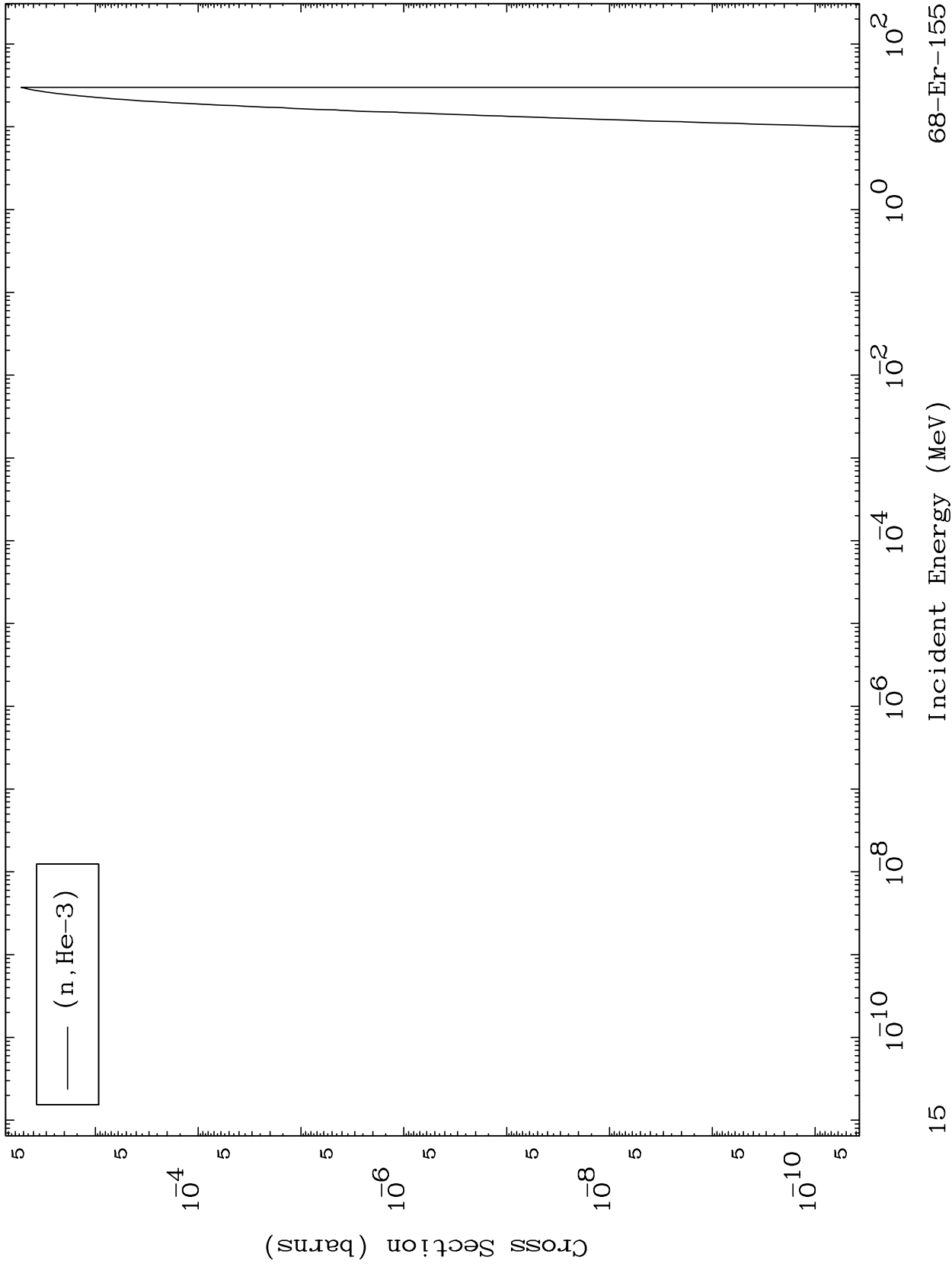
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-155



15

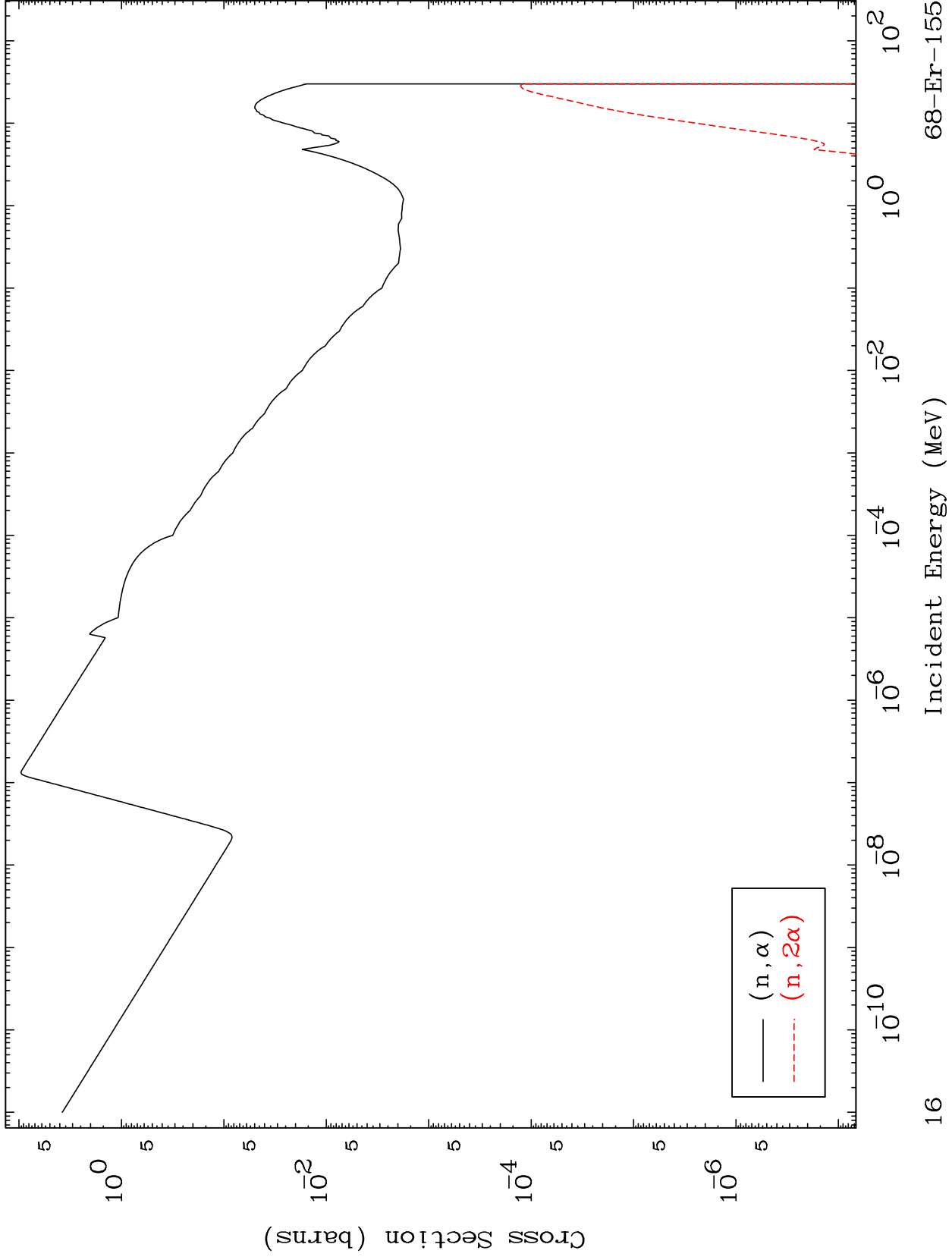
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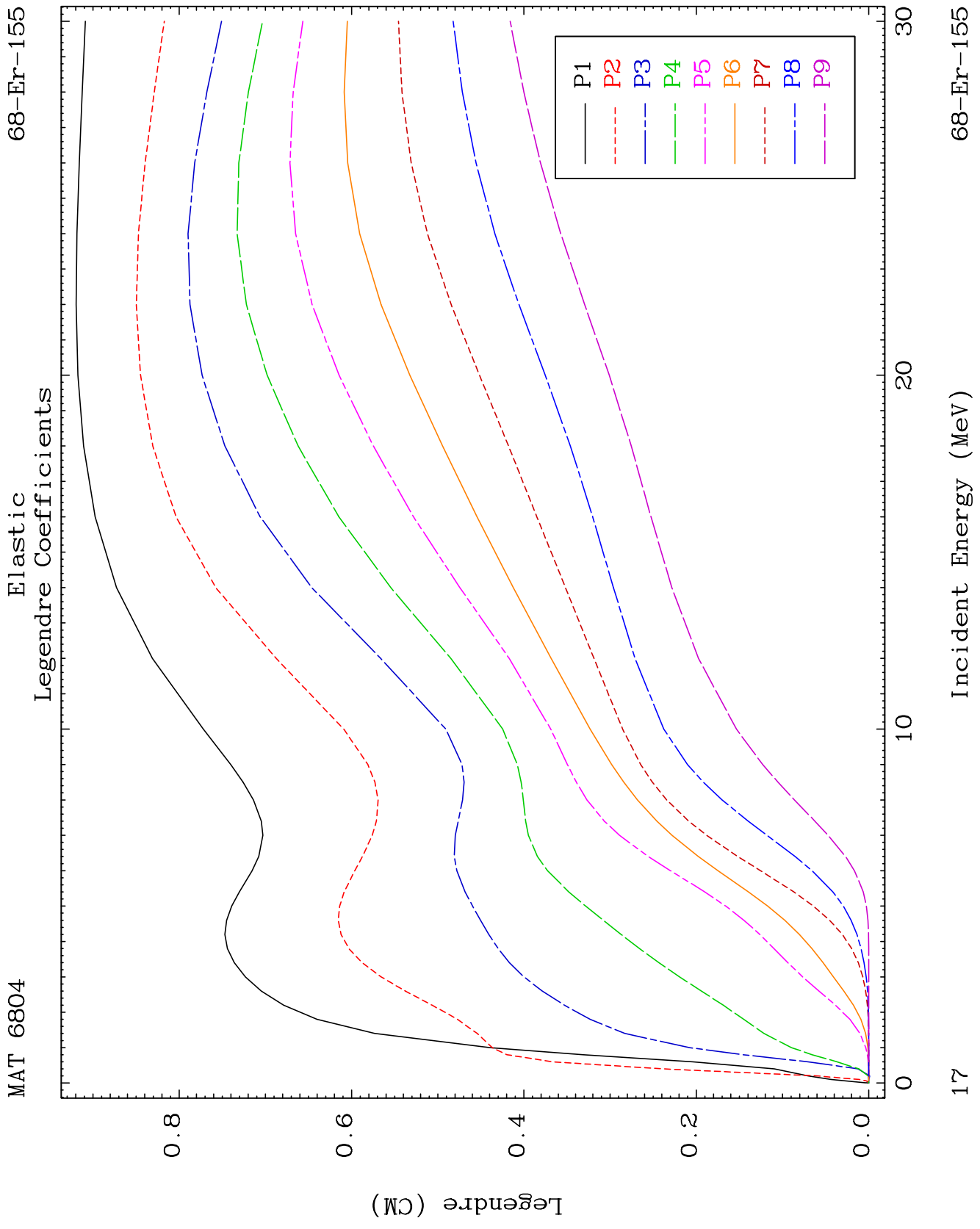
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MAT 6804

(n,α) Levels
293 Kelvin Cross Sections

68-Er-155

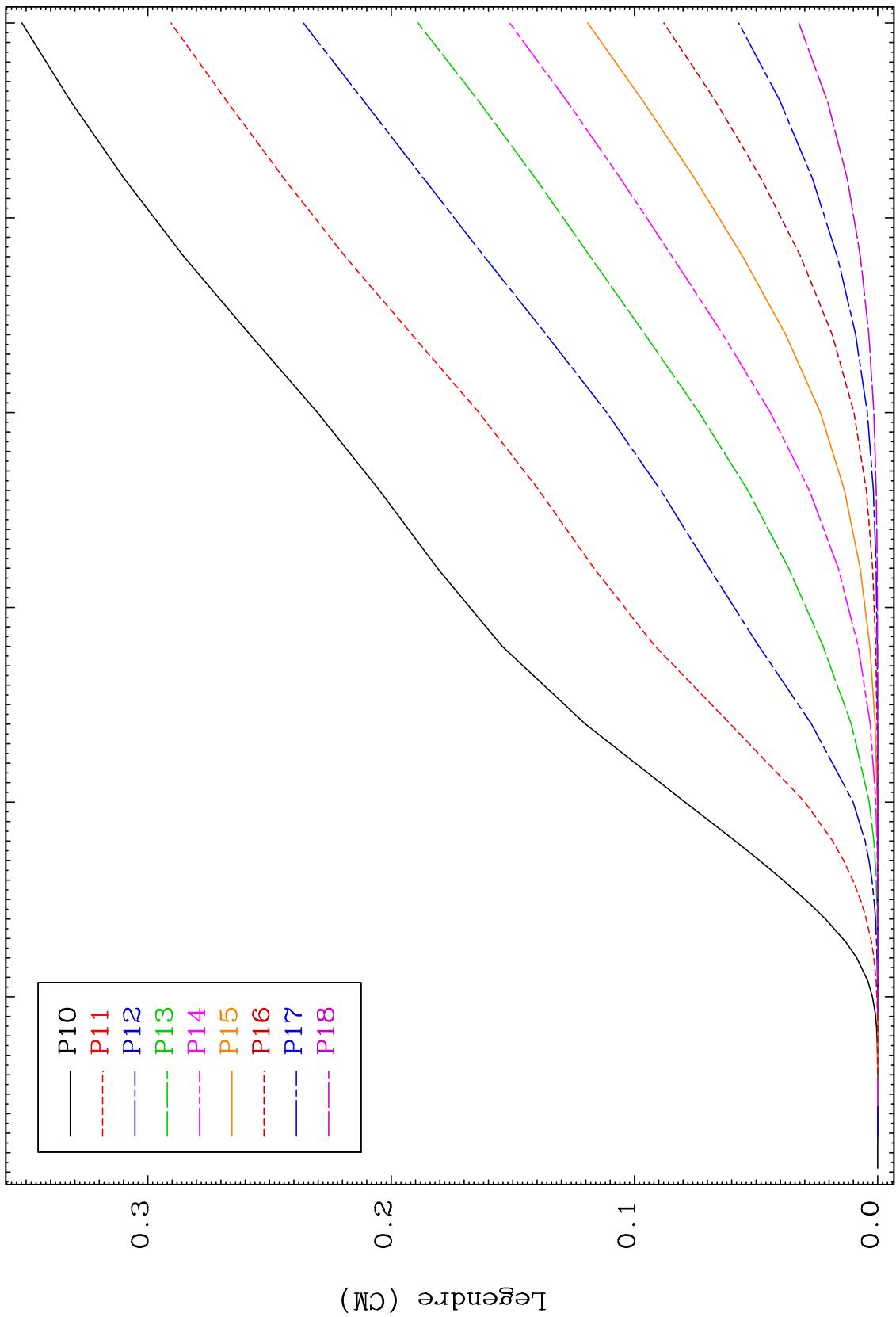




MAT 6804

Elastic Legendre Coefficients

68-Er-155



18

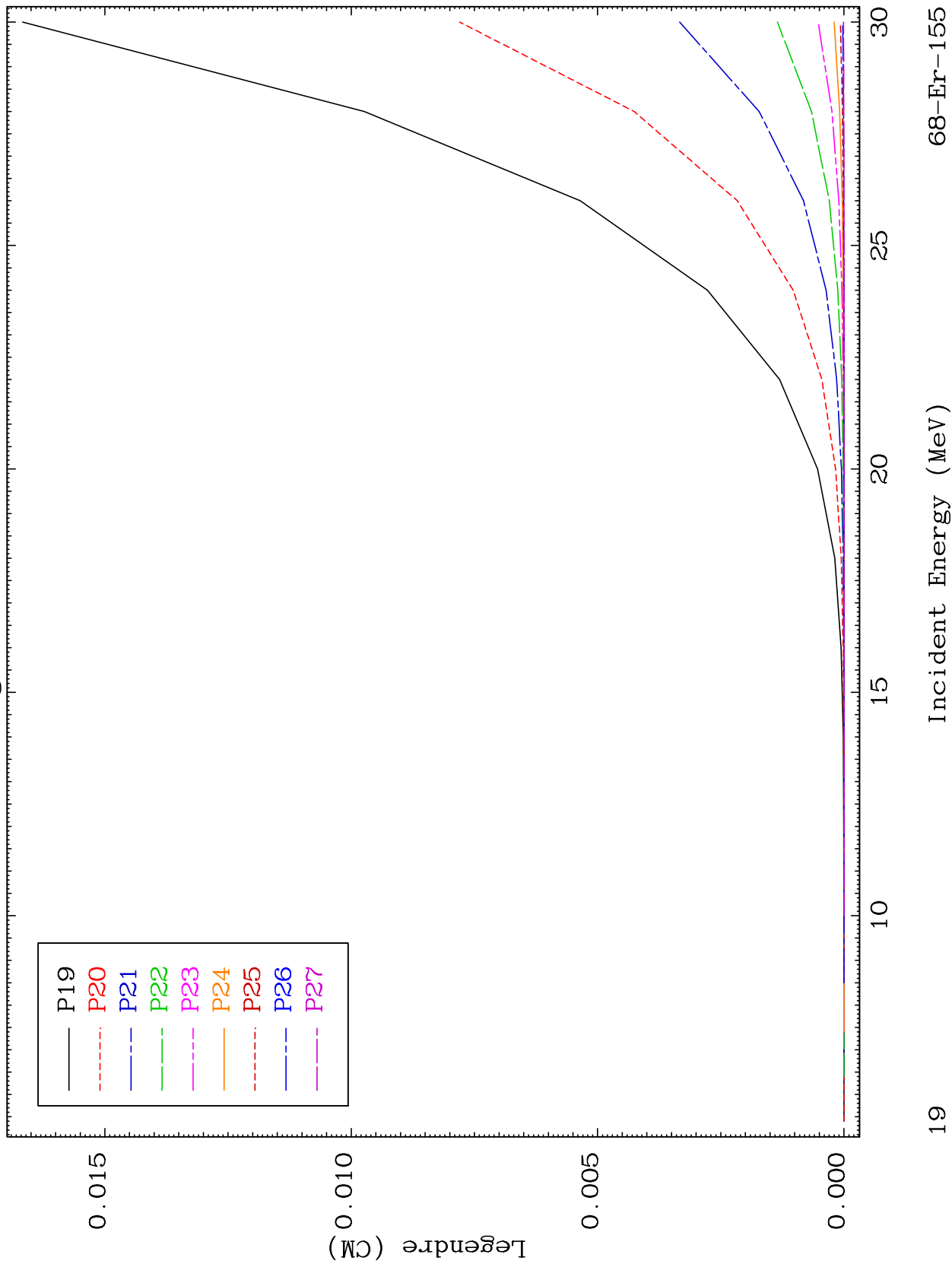
Incident Energy (MeV)

68-Er-155

MAT 6804

Elastic Legendre Coefficients

68-Er-155

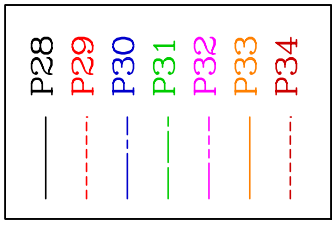


19

MAT 6804

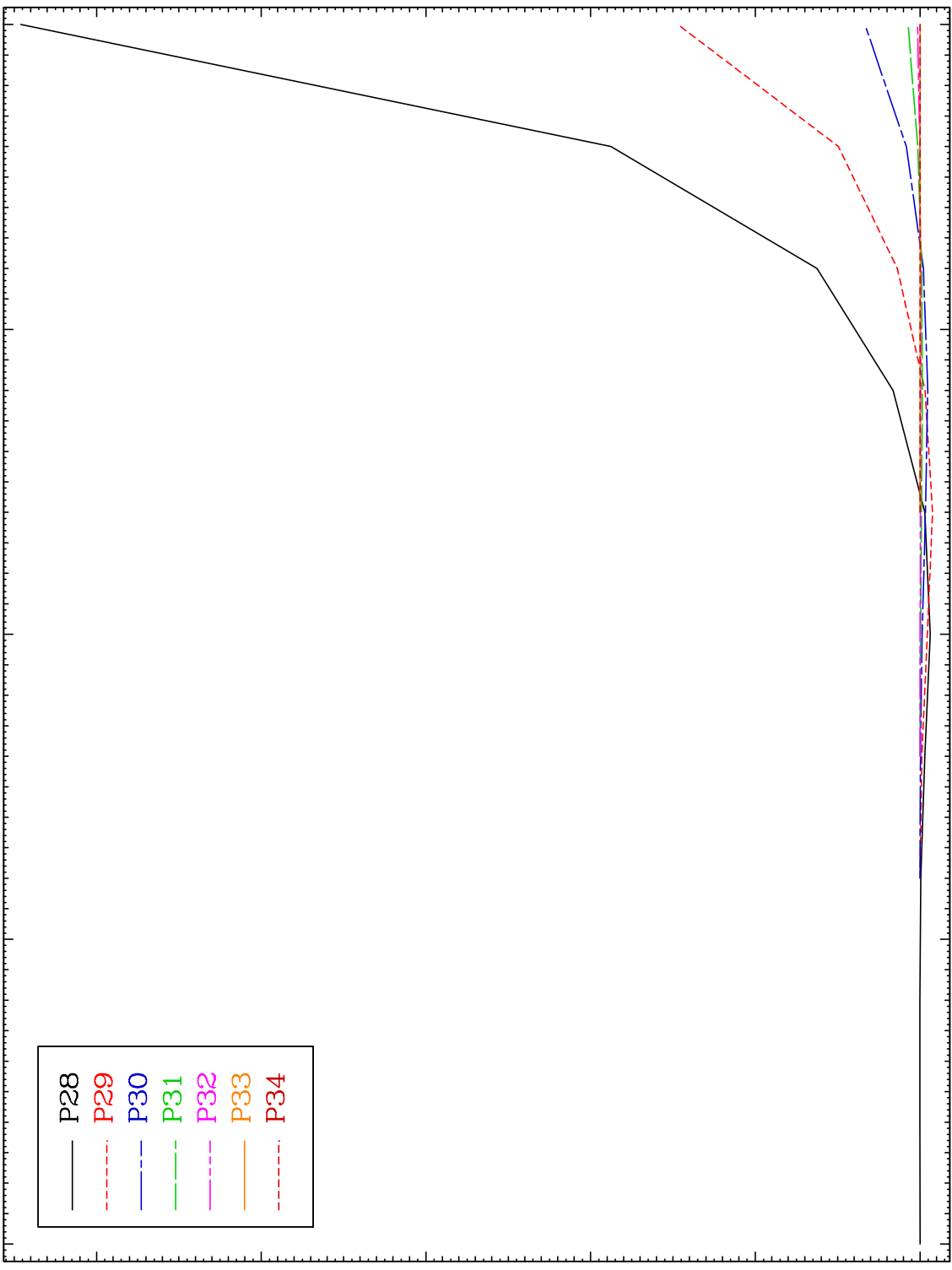
Elastic Legendre Coefficients

68-Er-155



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

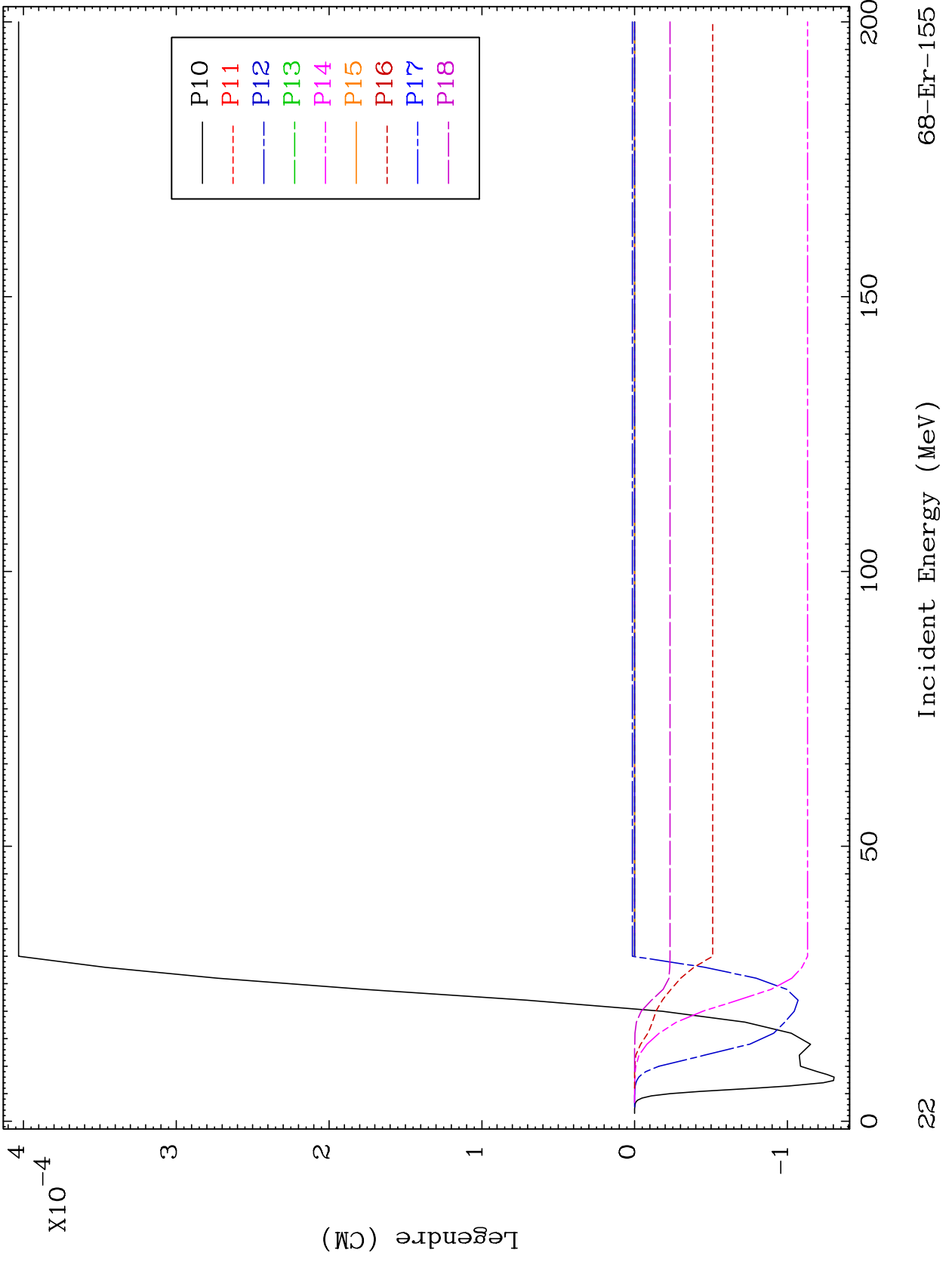
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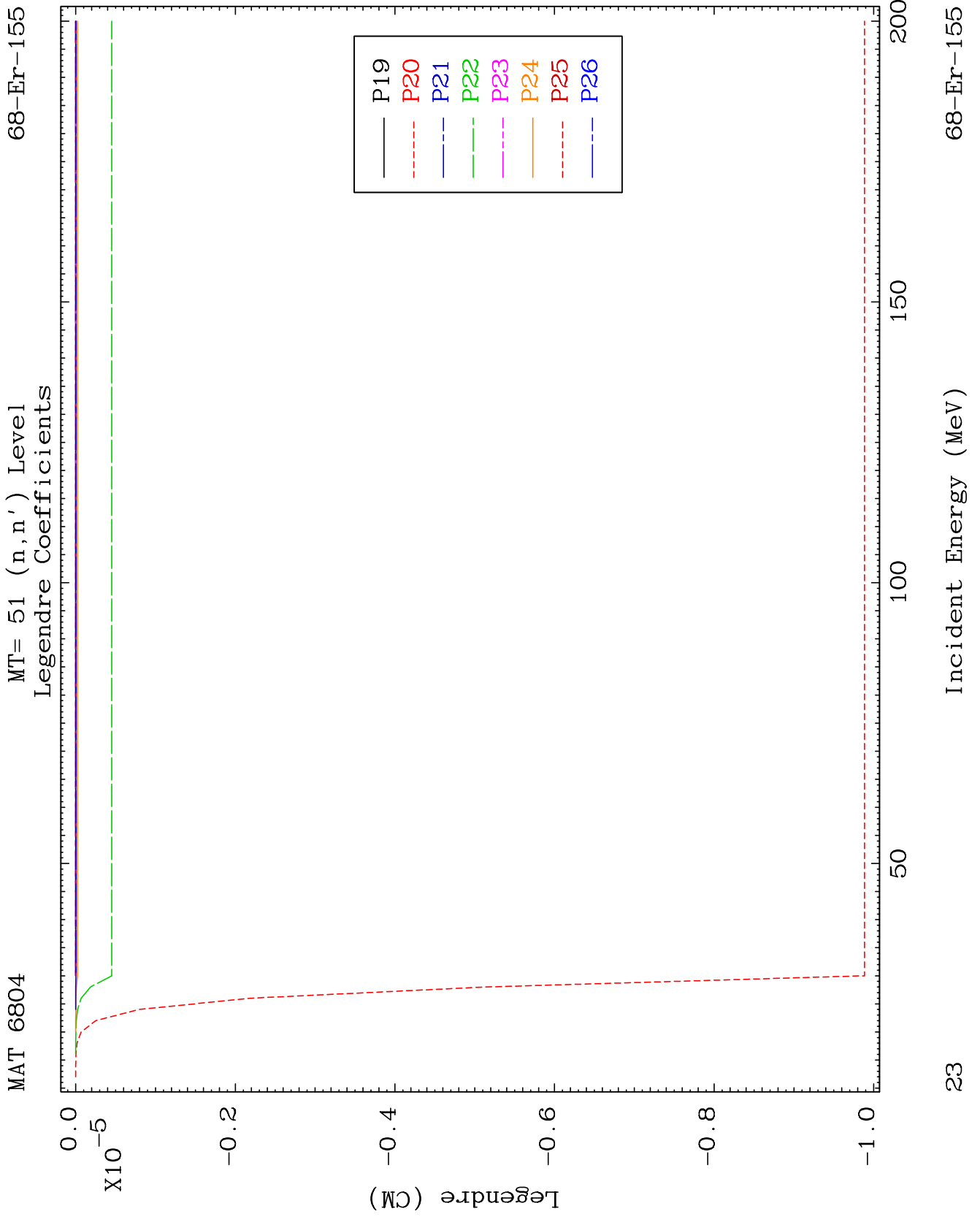
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MAT 6804

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

68-Er-155

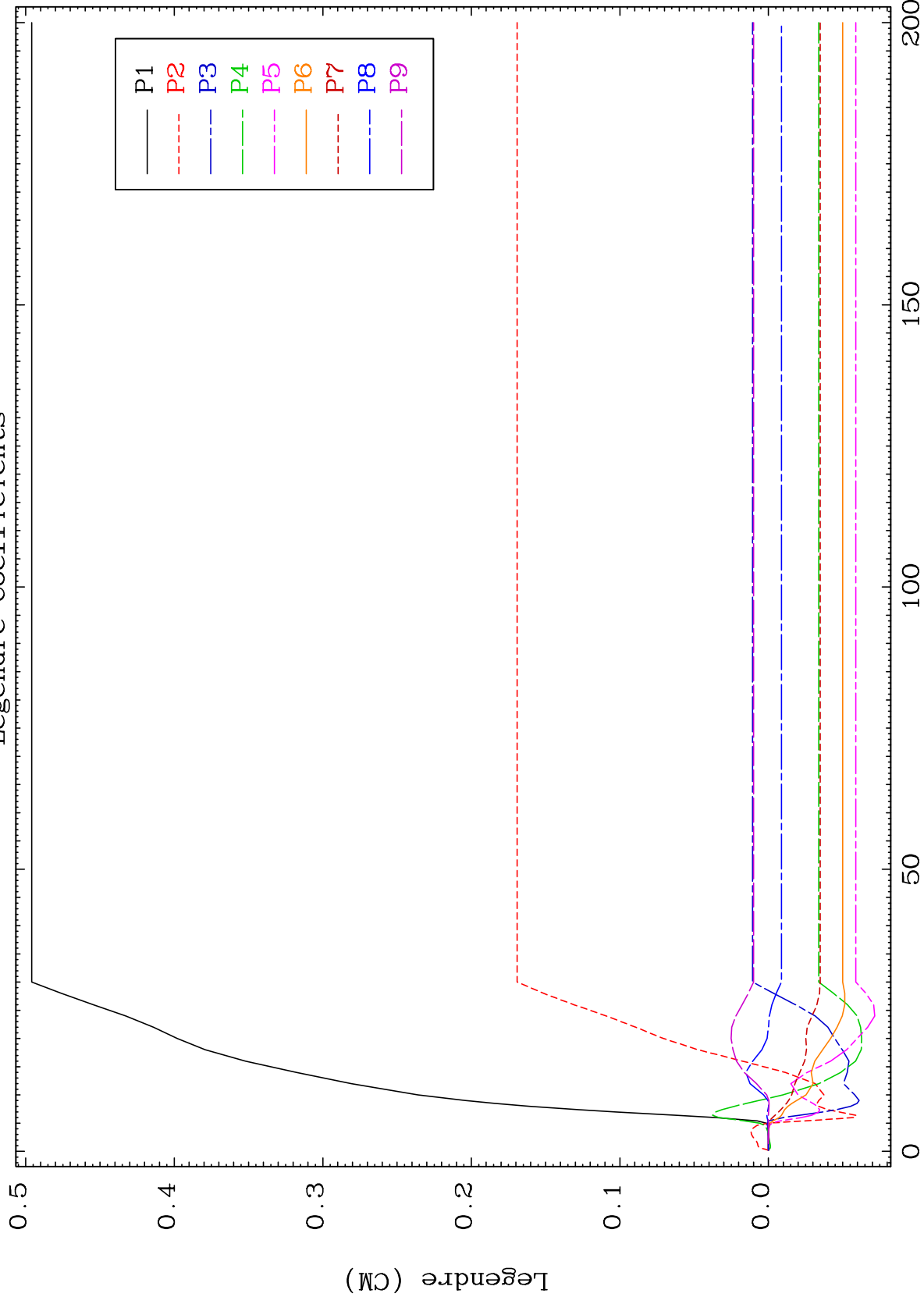




MAT 6804

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

68-Er-155



24

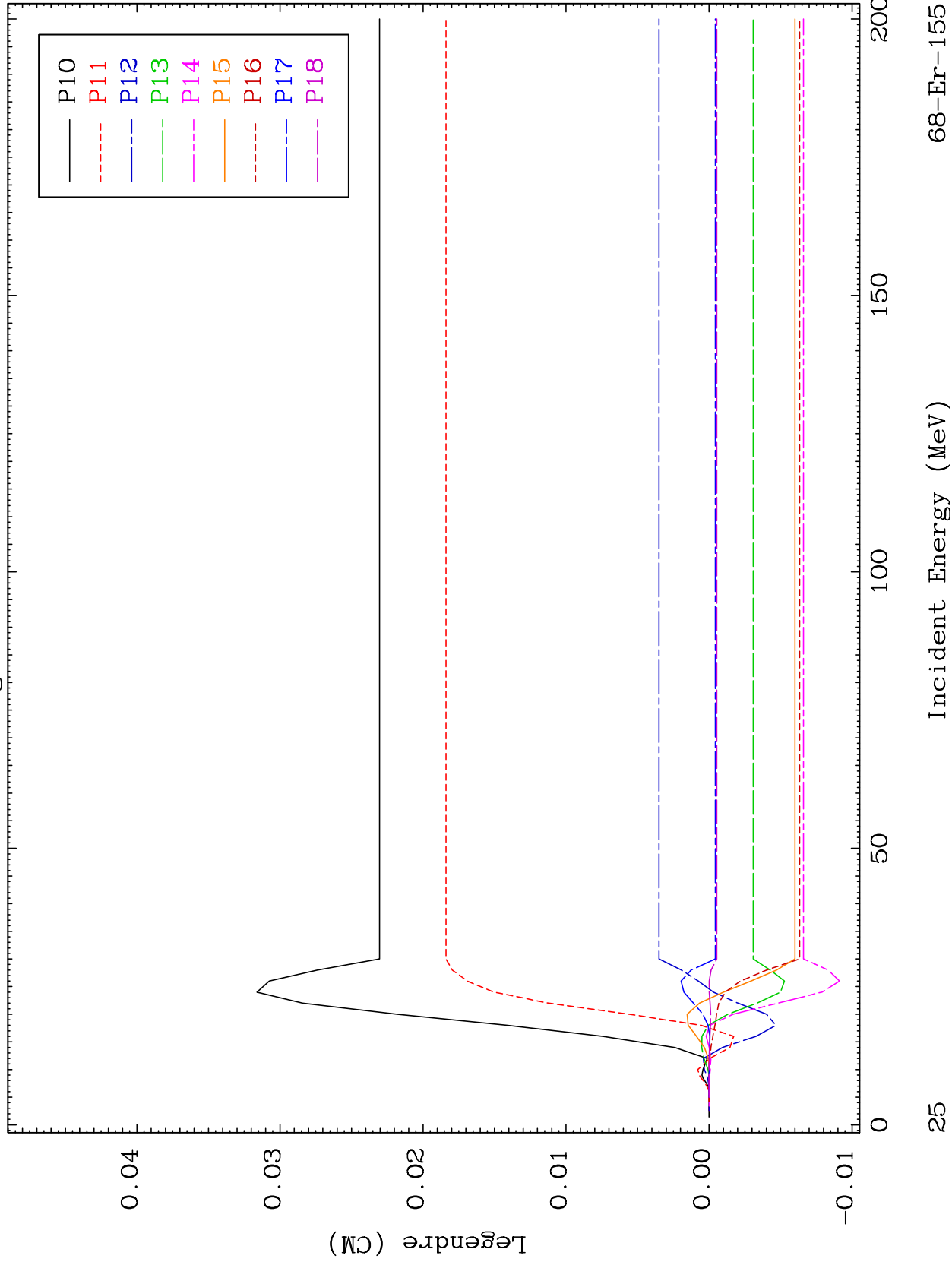
Incident Energy (MeV)

68-Er-155

MAT 6804

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

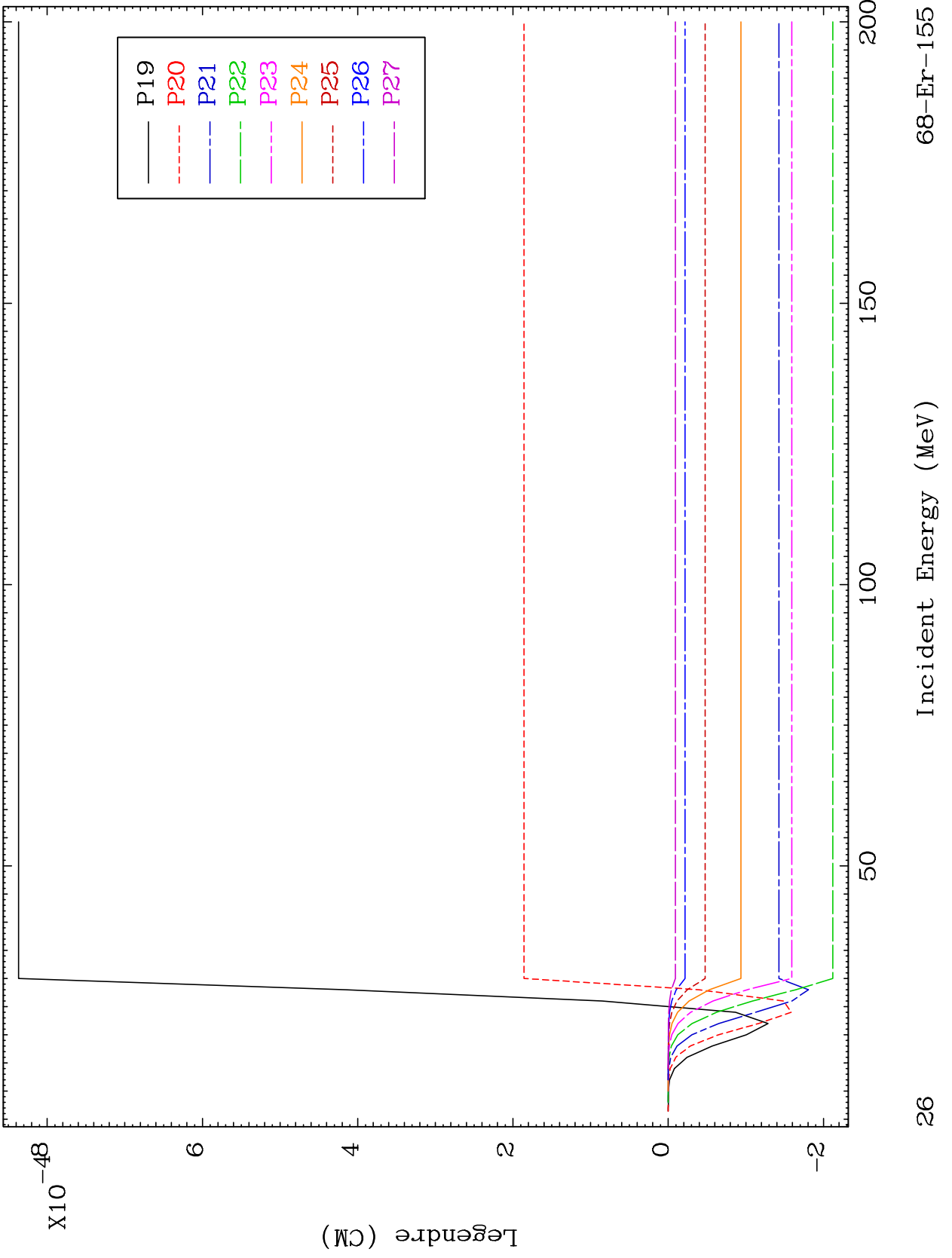
68-Er-155



68-Er-155

Incident Energy (MeV)

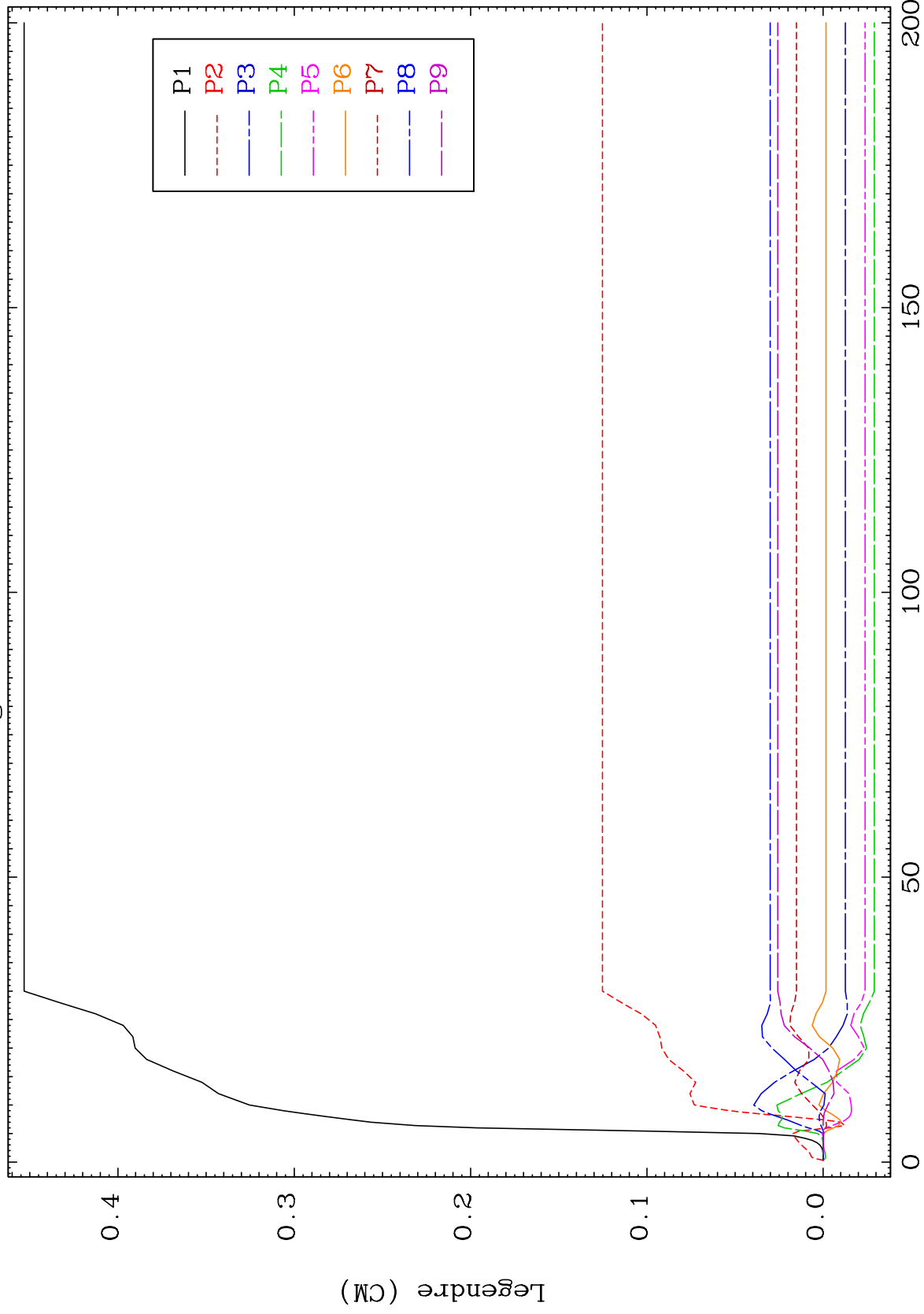
25



MAT 6804

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

68-Er-155



28

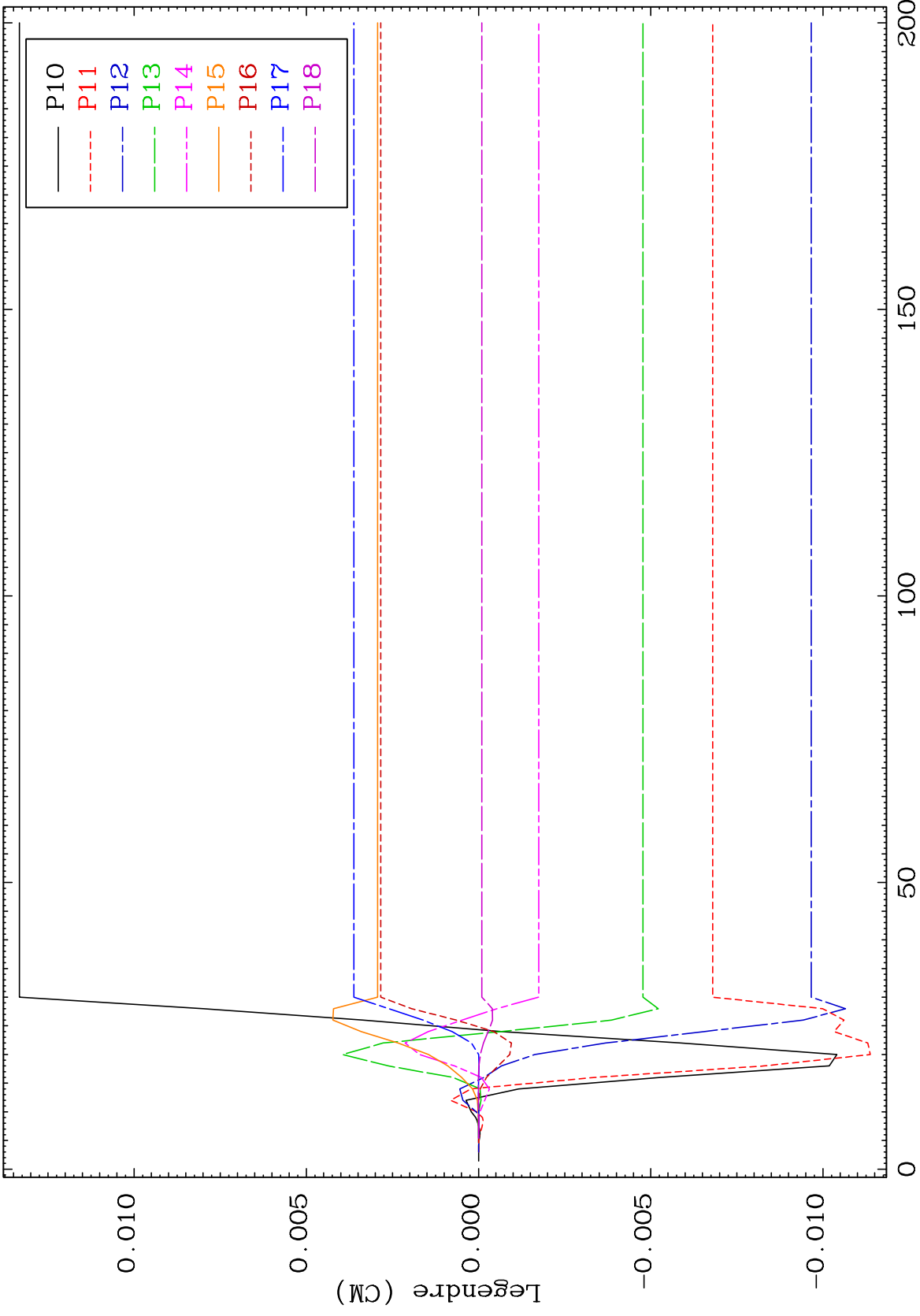
Incident Energy (MeV)

68-Er-155

MAT 6804

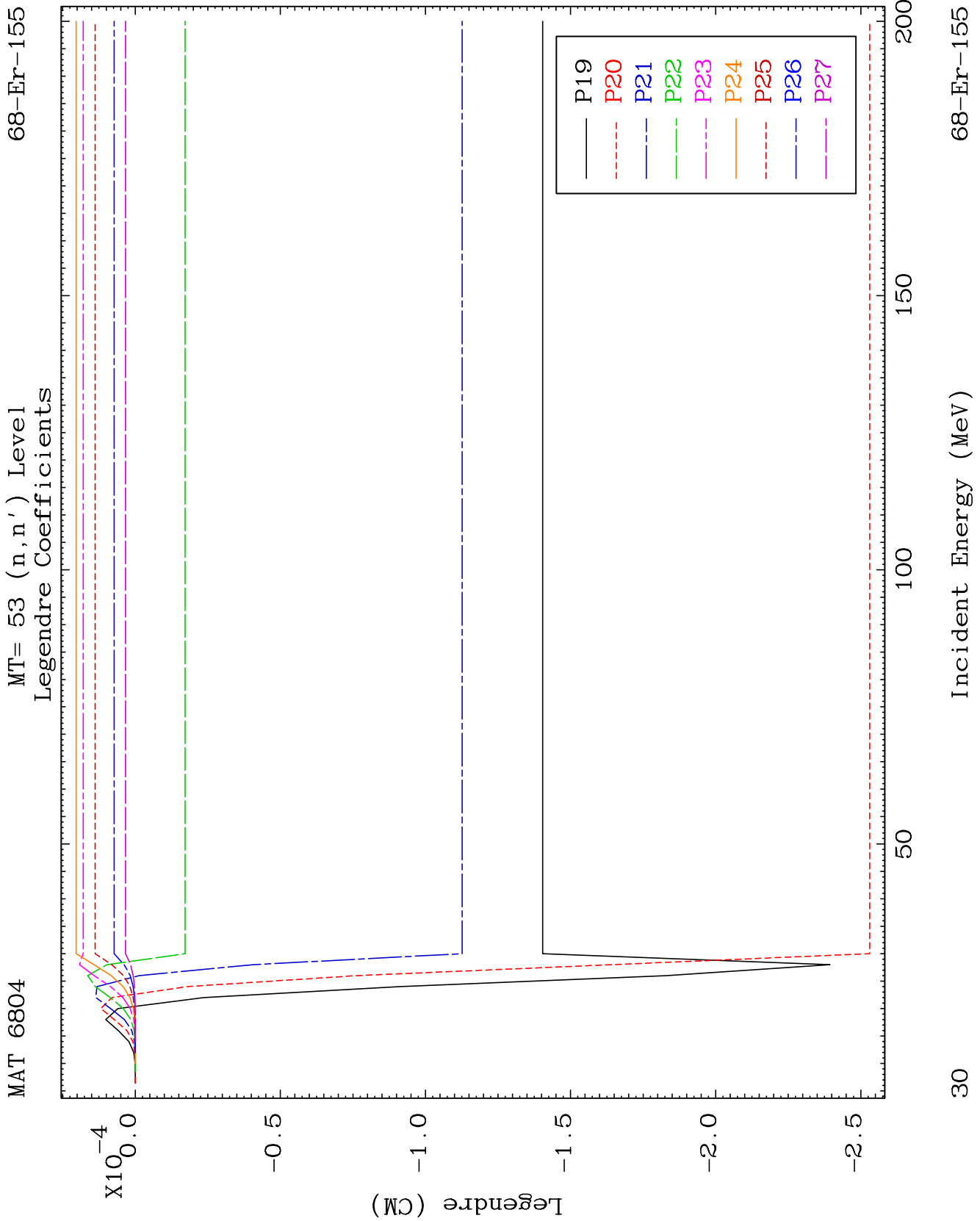
MT= 53 (n,n') Level
Legendre Coefficients

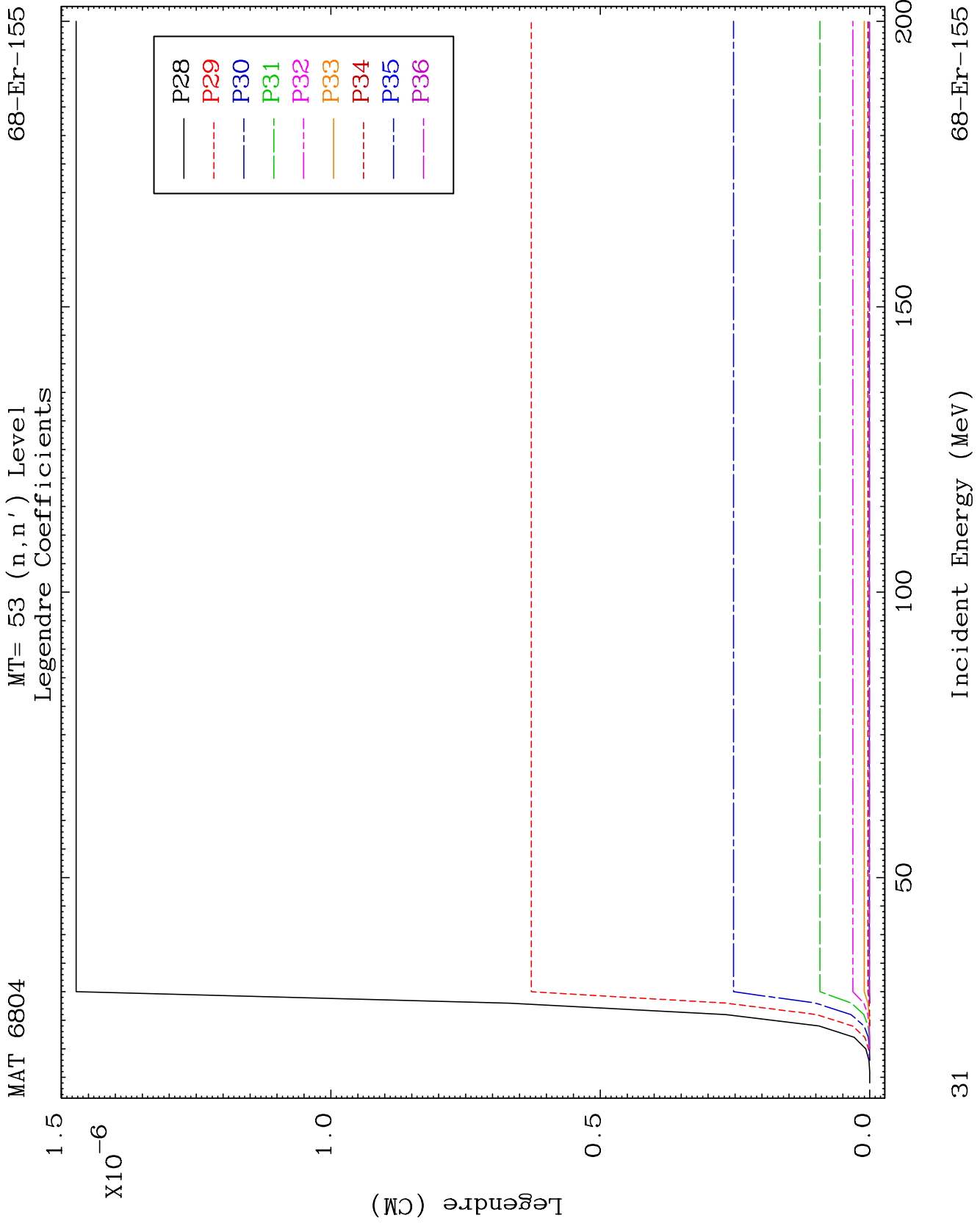
68-Er-155



29

68-Er-155

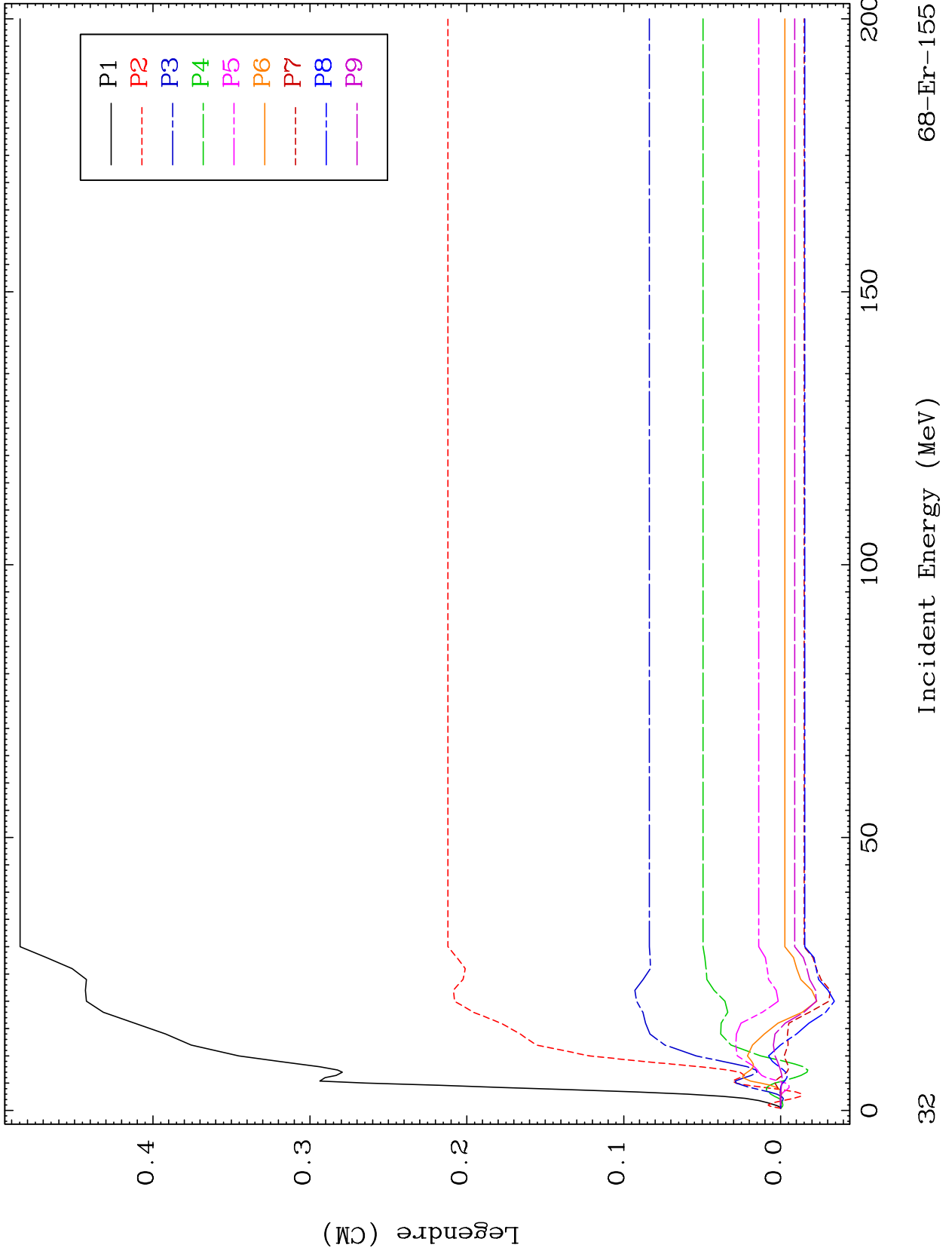




MAT 6804

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

68-Er-155



68-Er-155

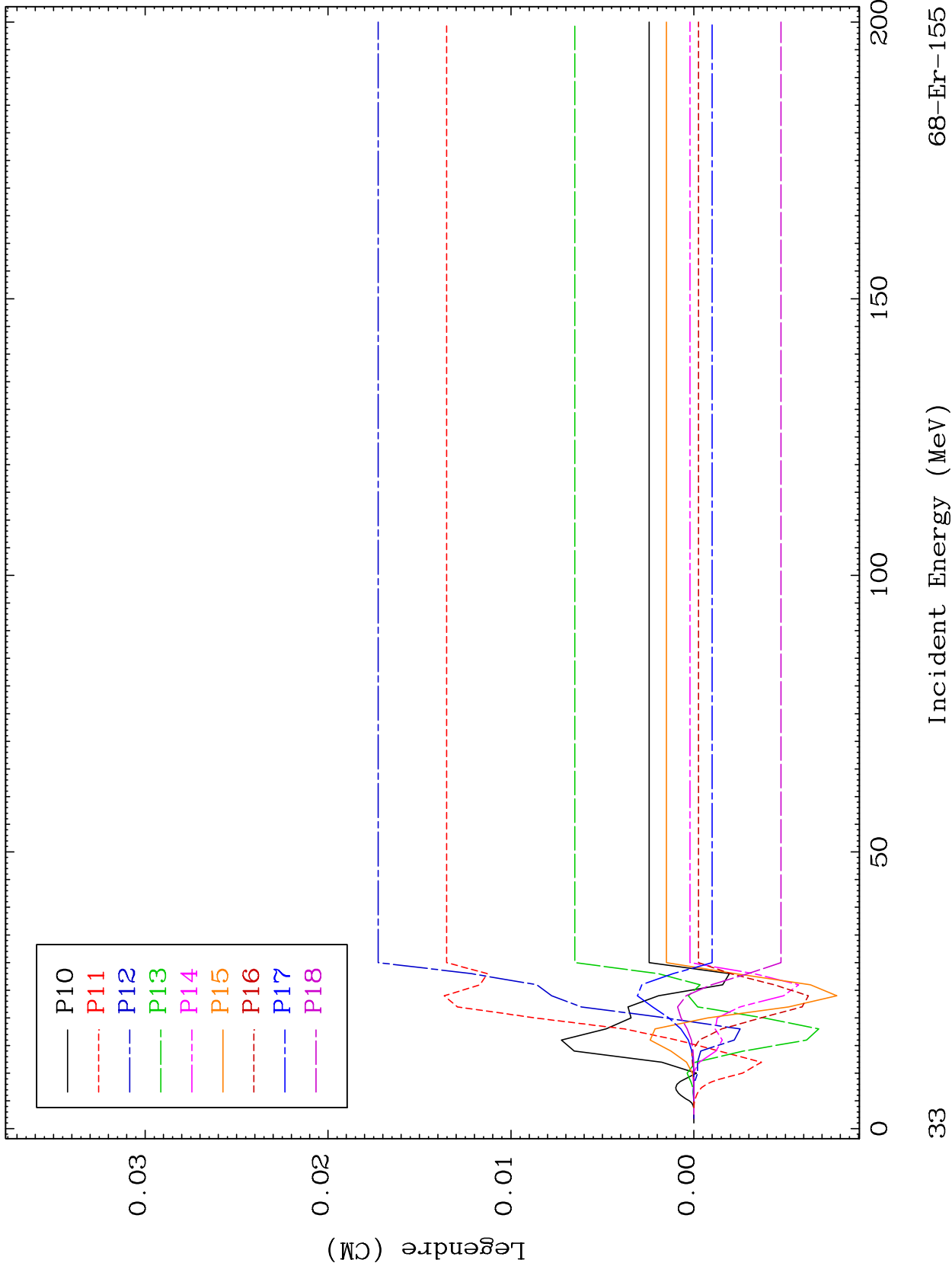
Incident Energy (MeV)

32

MAT 6804

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

68-Er-155



33

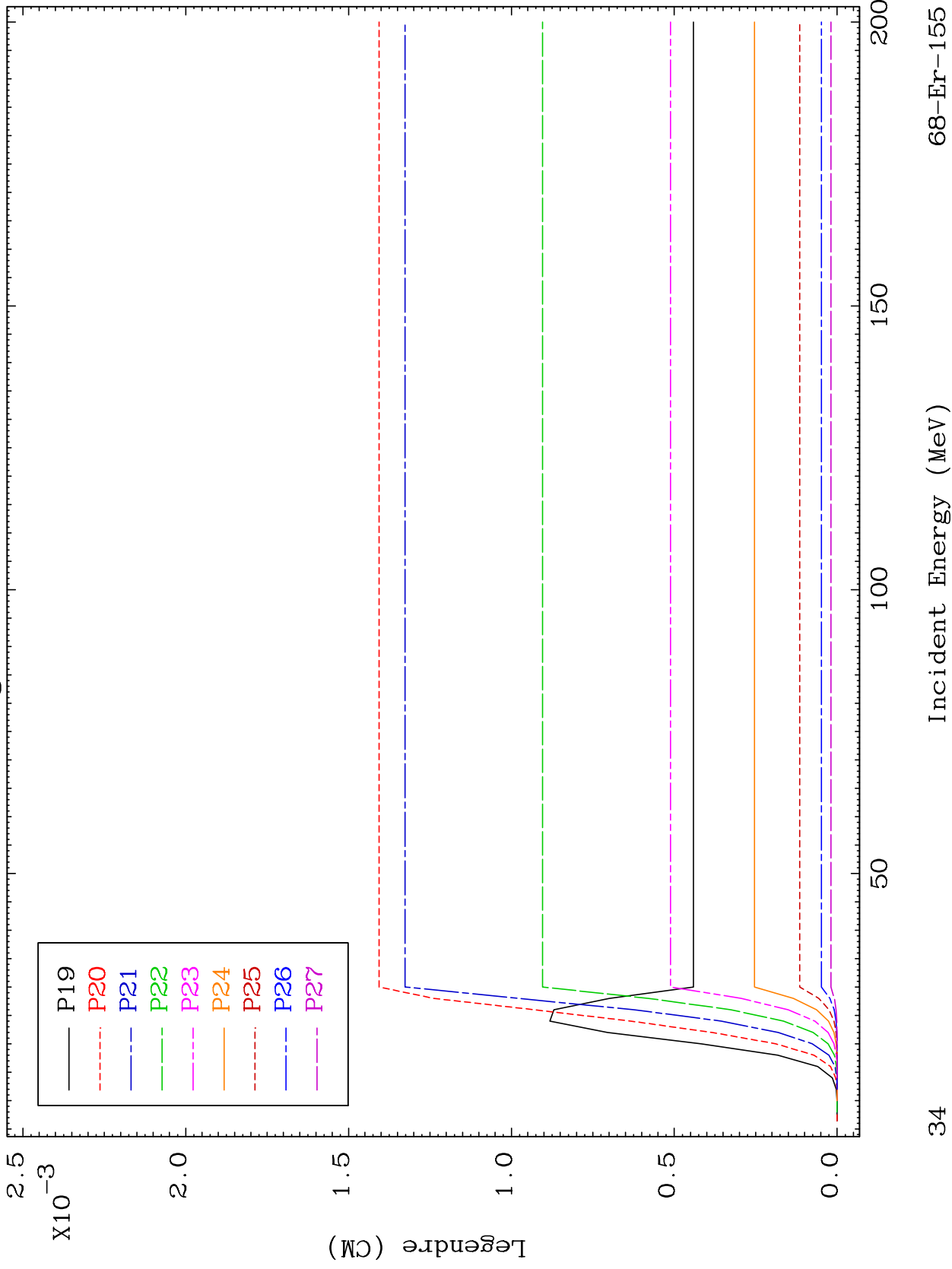
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



34

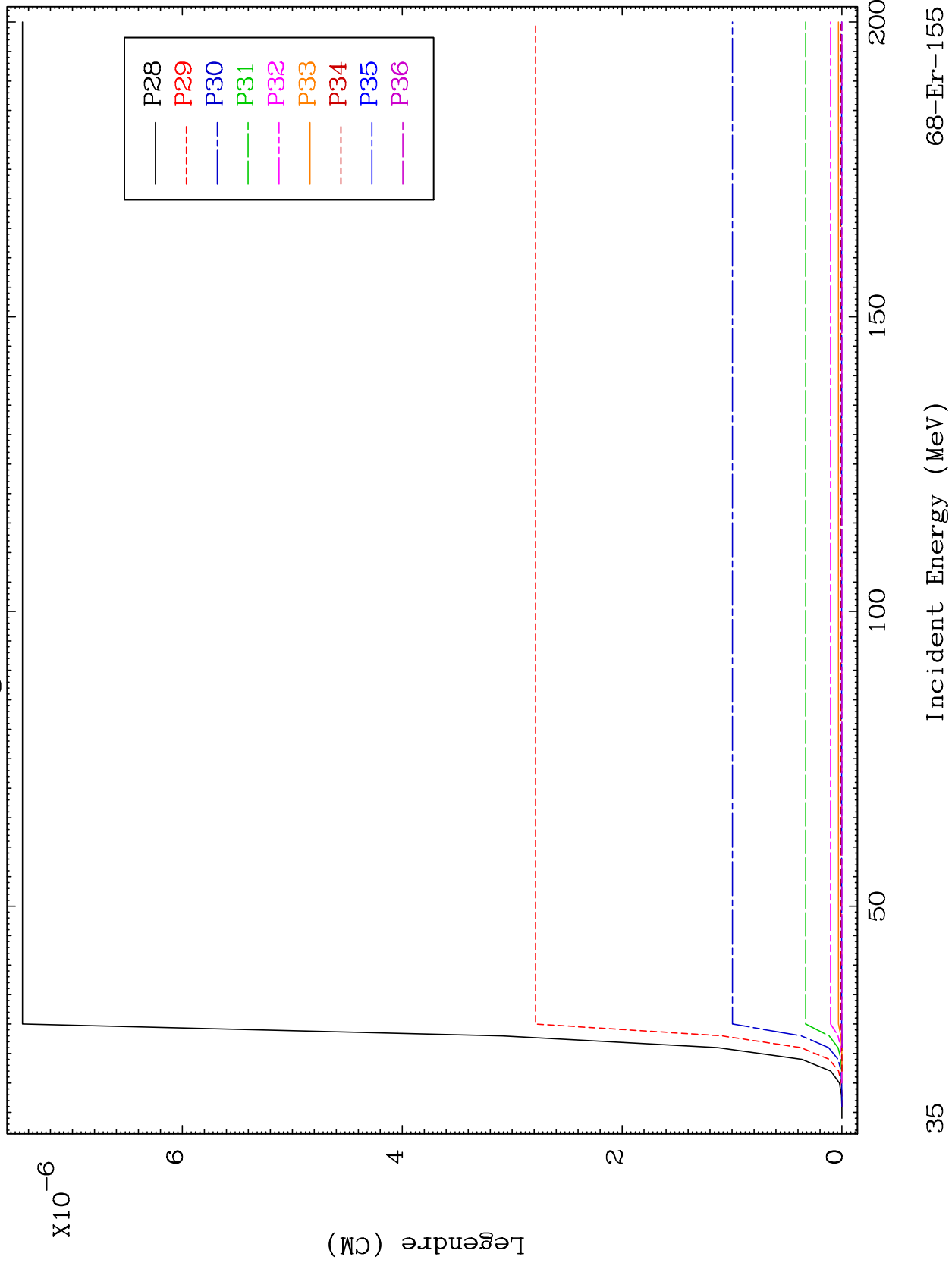
Incident Energy (MeV)

68-Er-155

MAT 6804

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

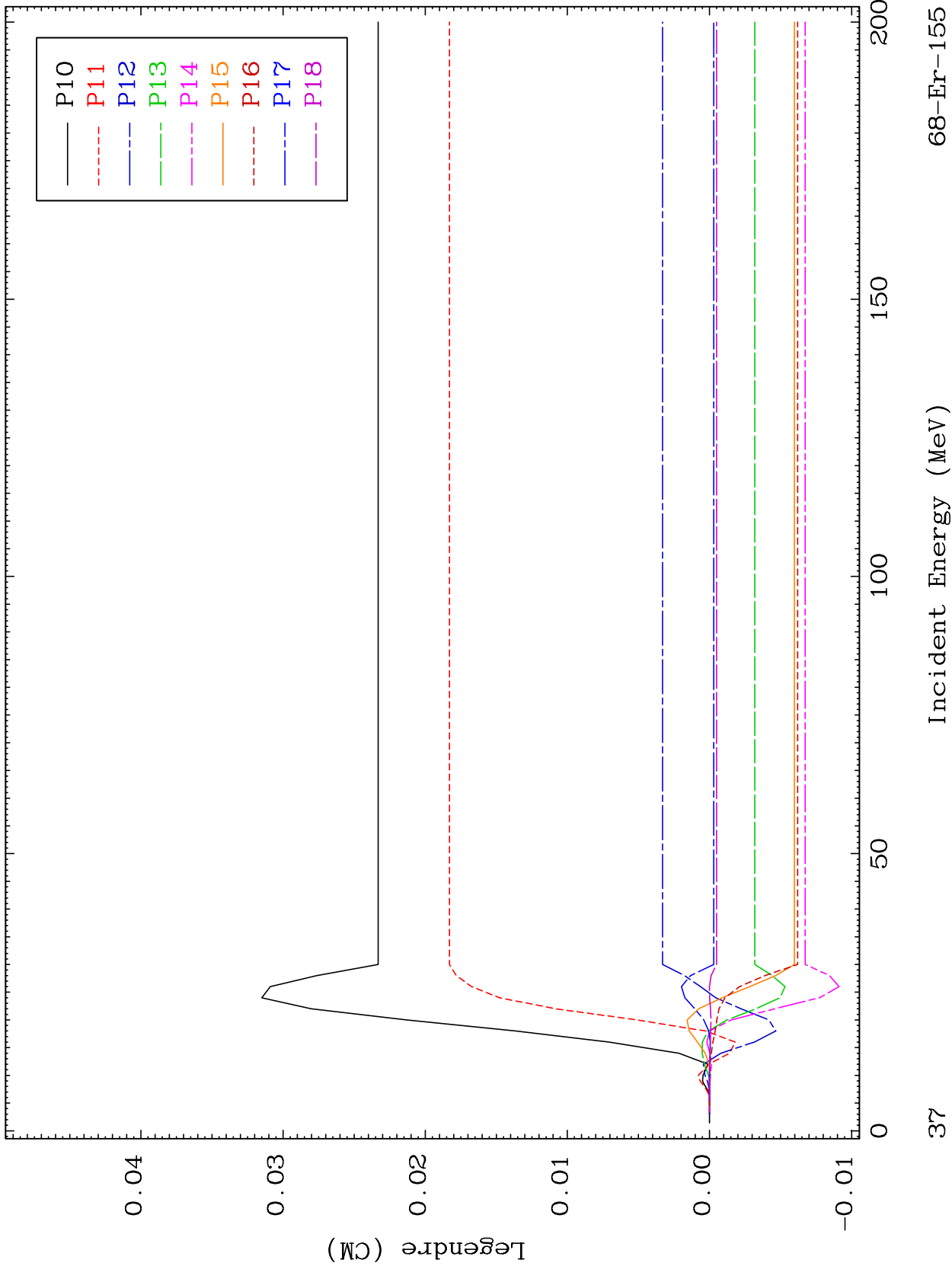
68-Er-155



MAT 6804

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

68-Er-155



37

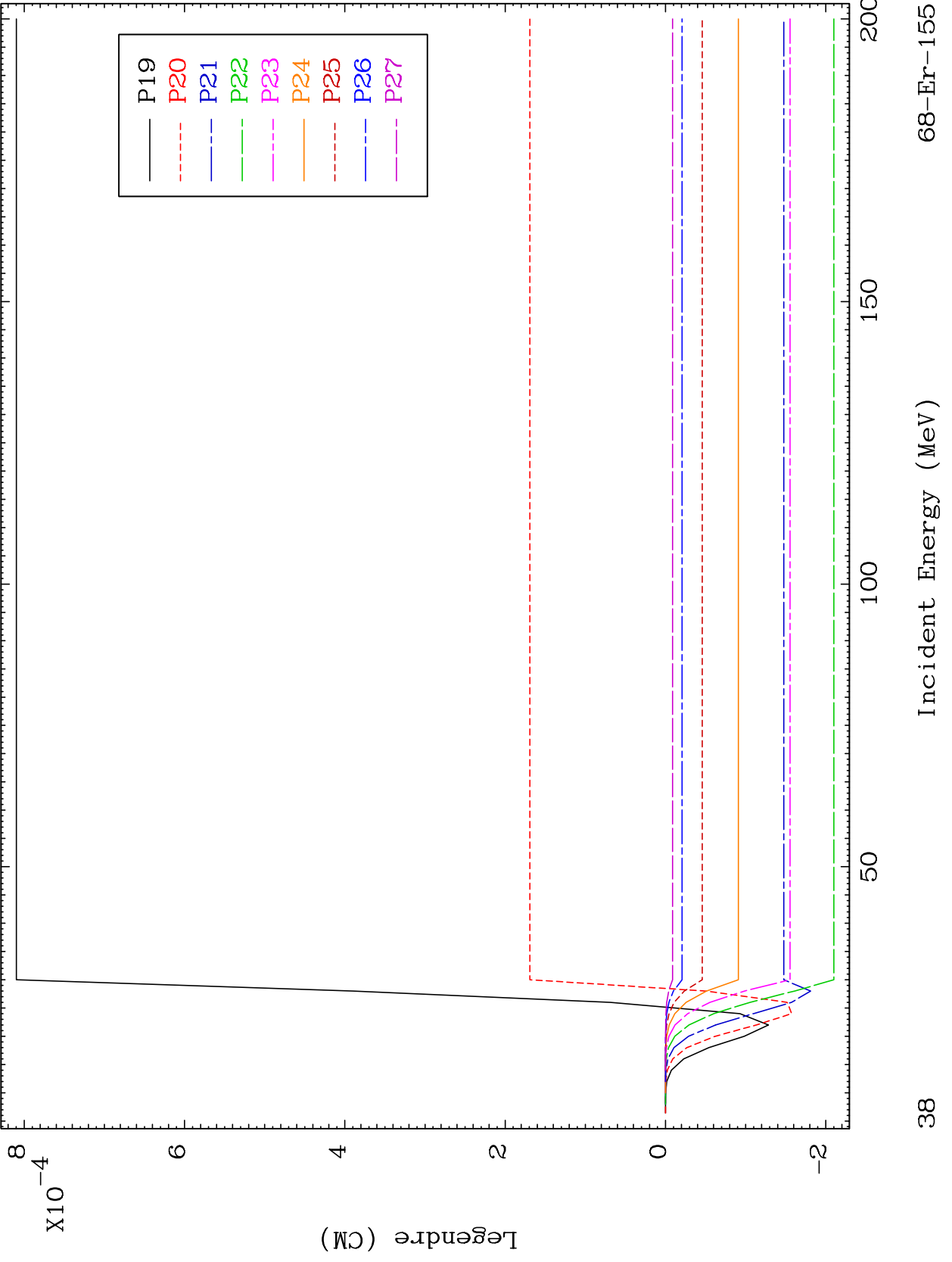
Incident Energy (MeV)

68-Er-155

MAT 6804

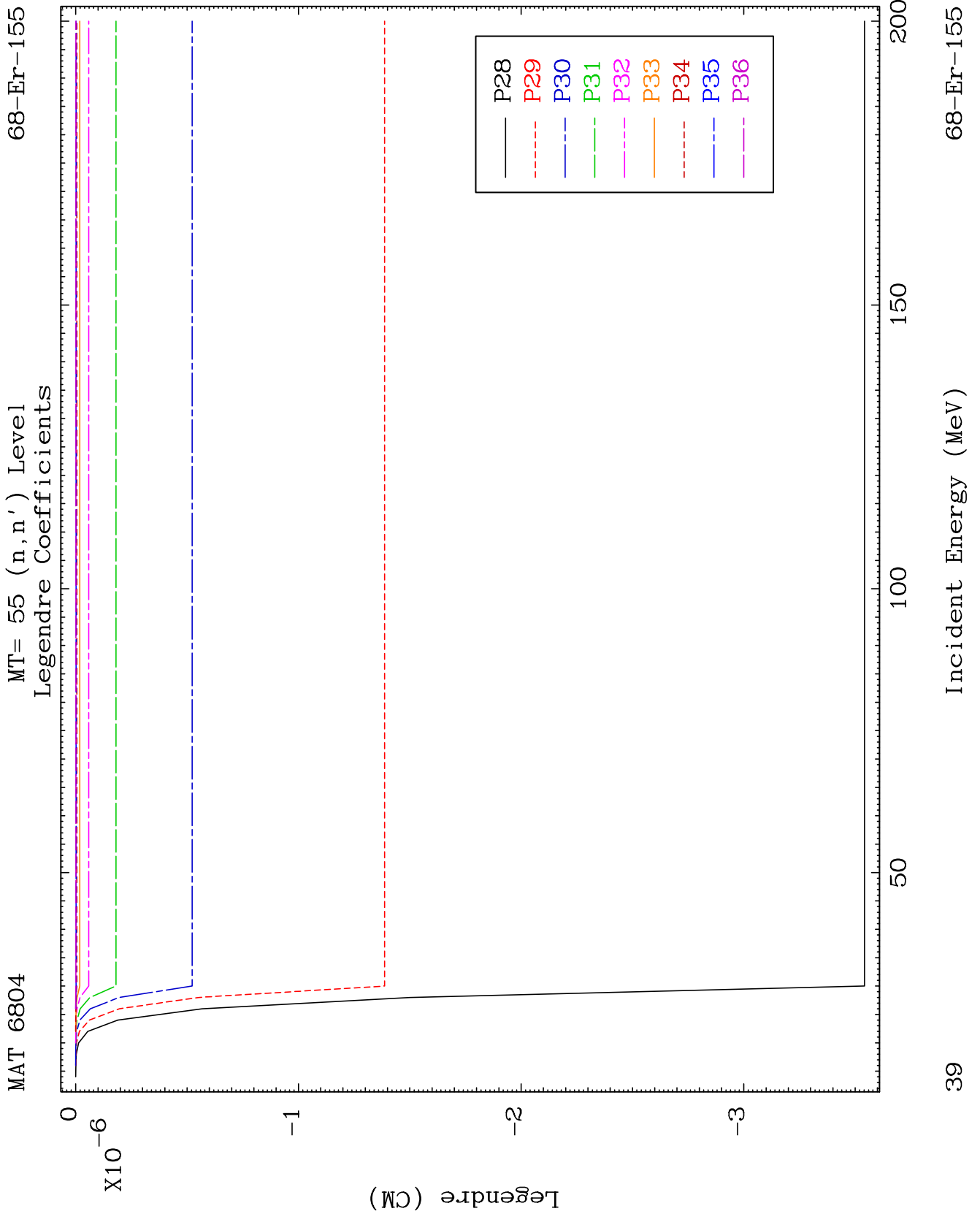
MT= 55 (n,n') Level
Legendre Coefficients

68-Er-155



38

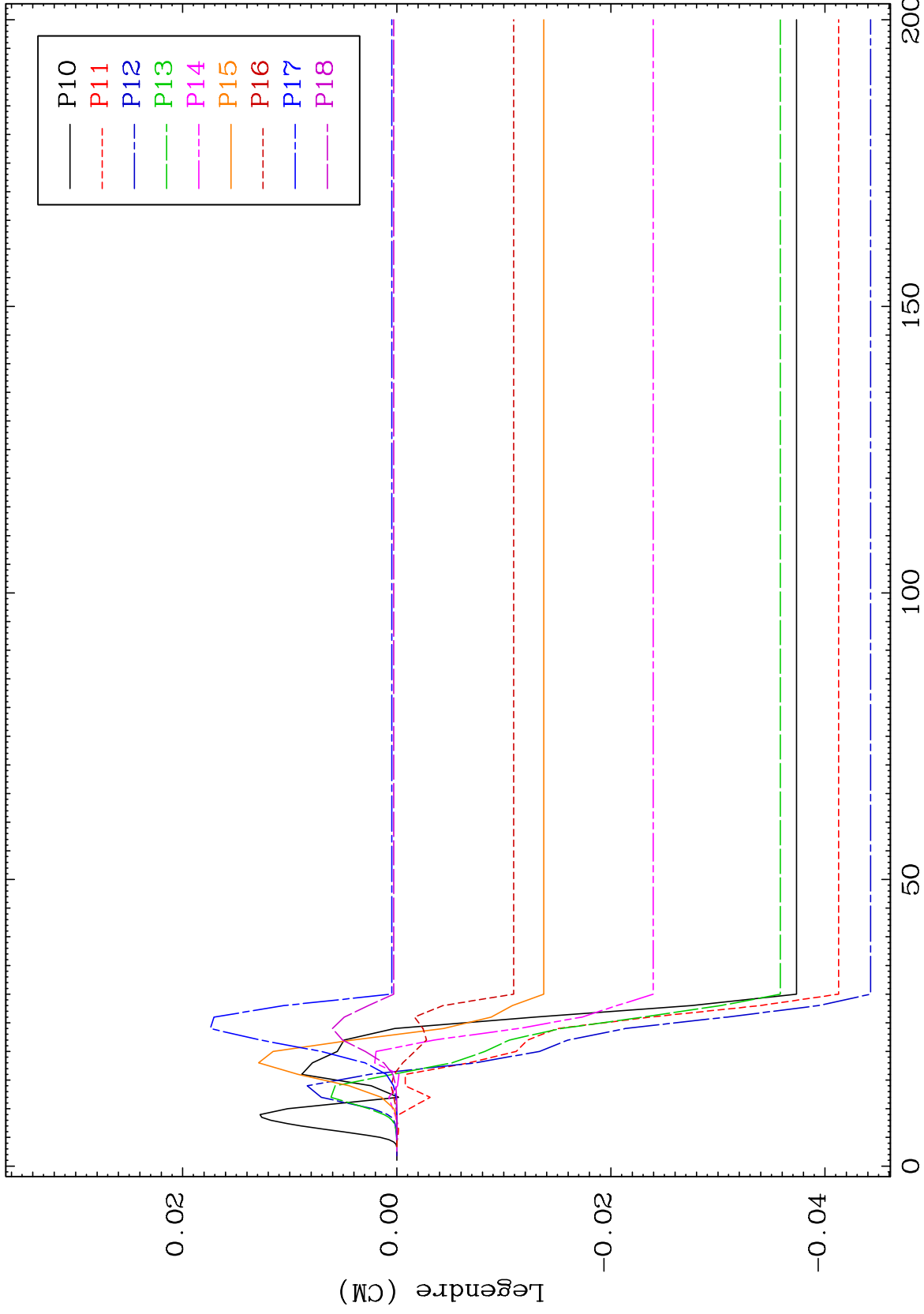
68-Er-155



MAT 6804

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

68-Er-155



41

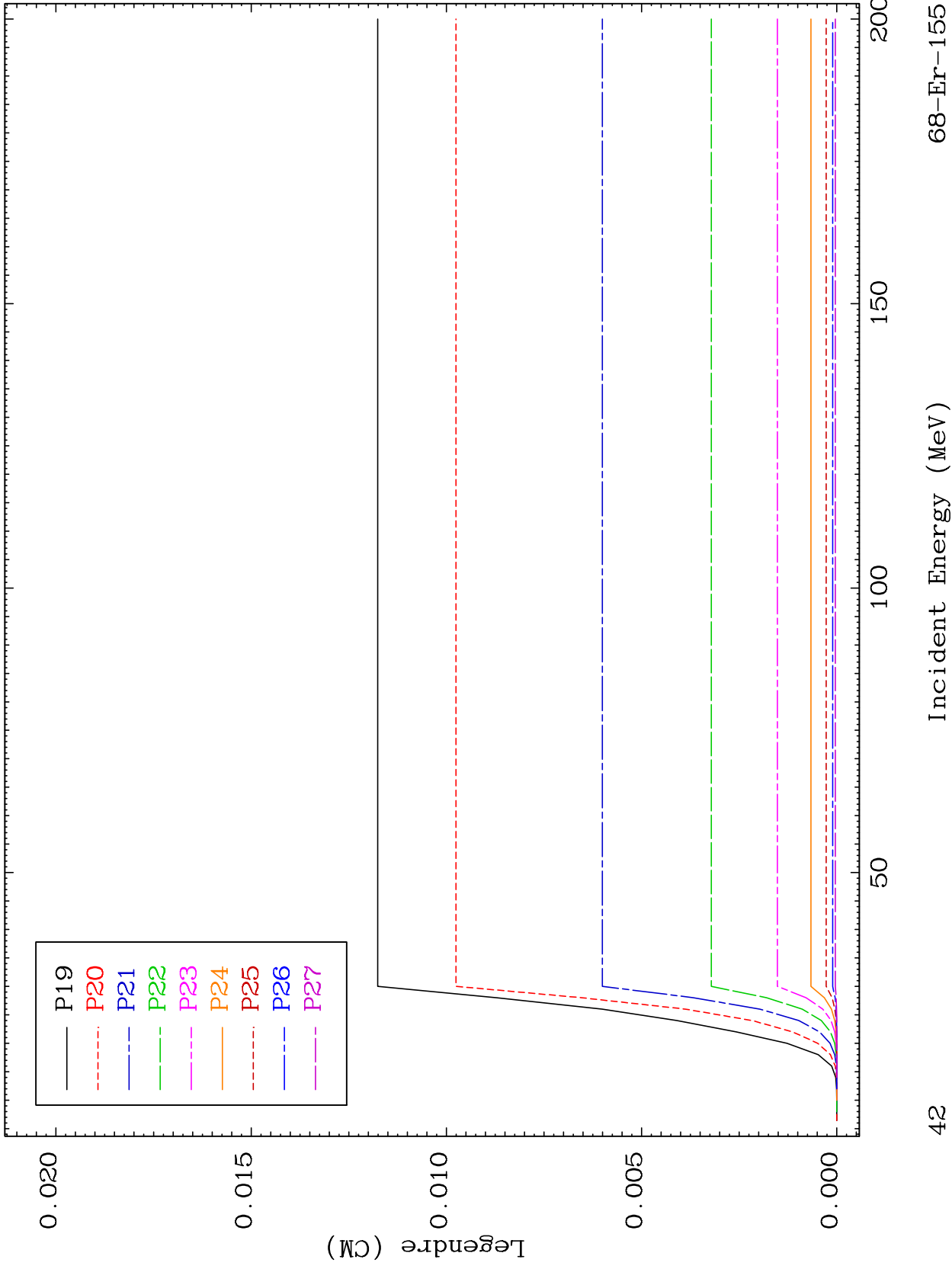
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



42

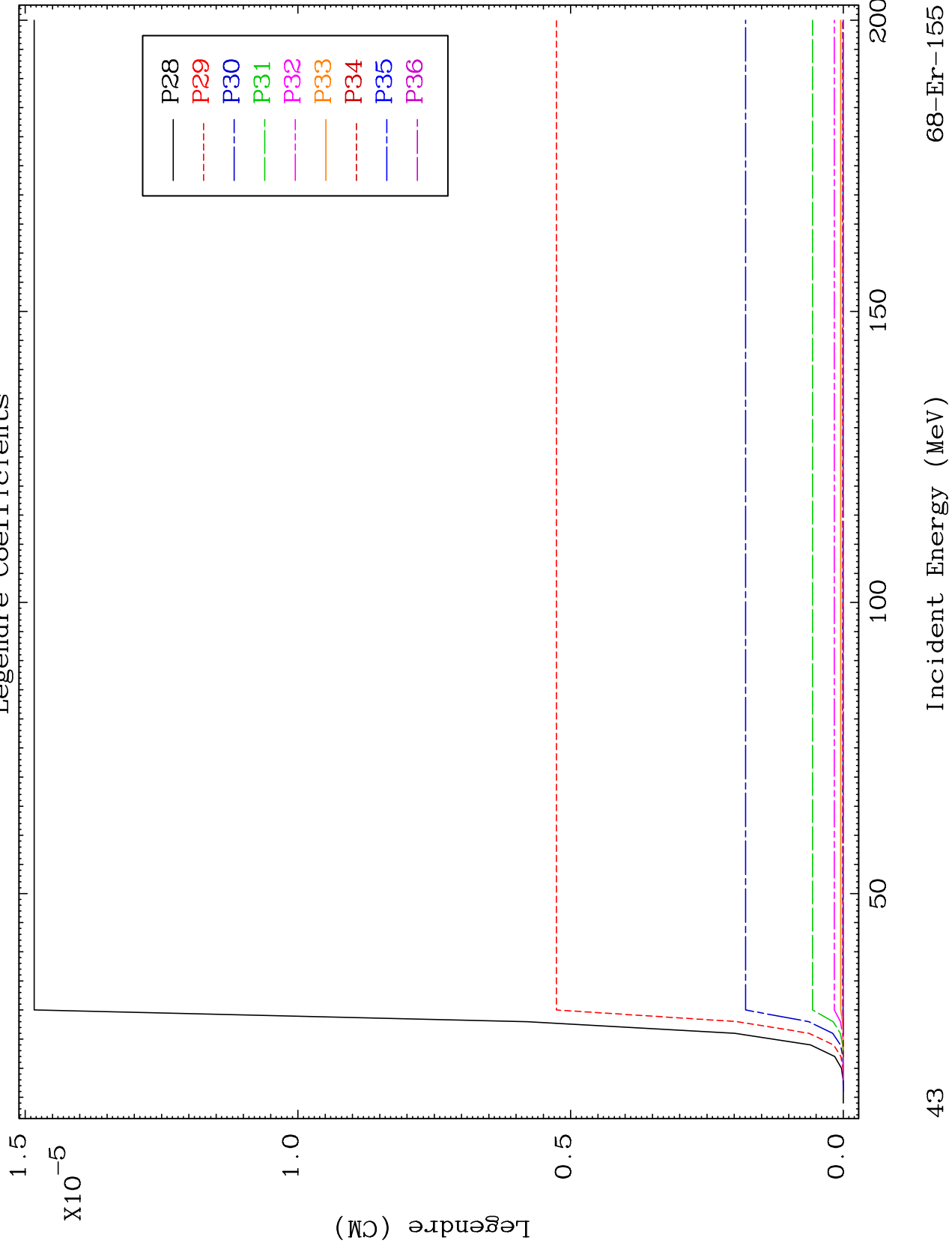
Incident Energy (MeV)

68-Er-155

MAT 6804

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

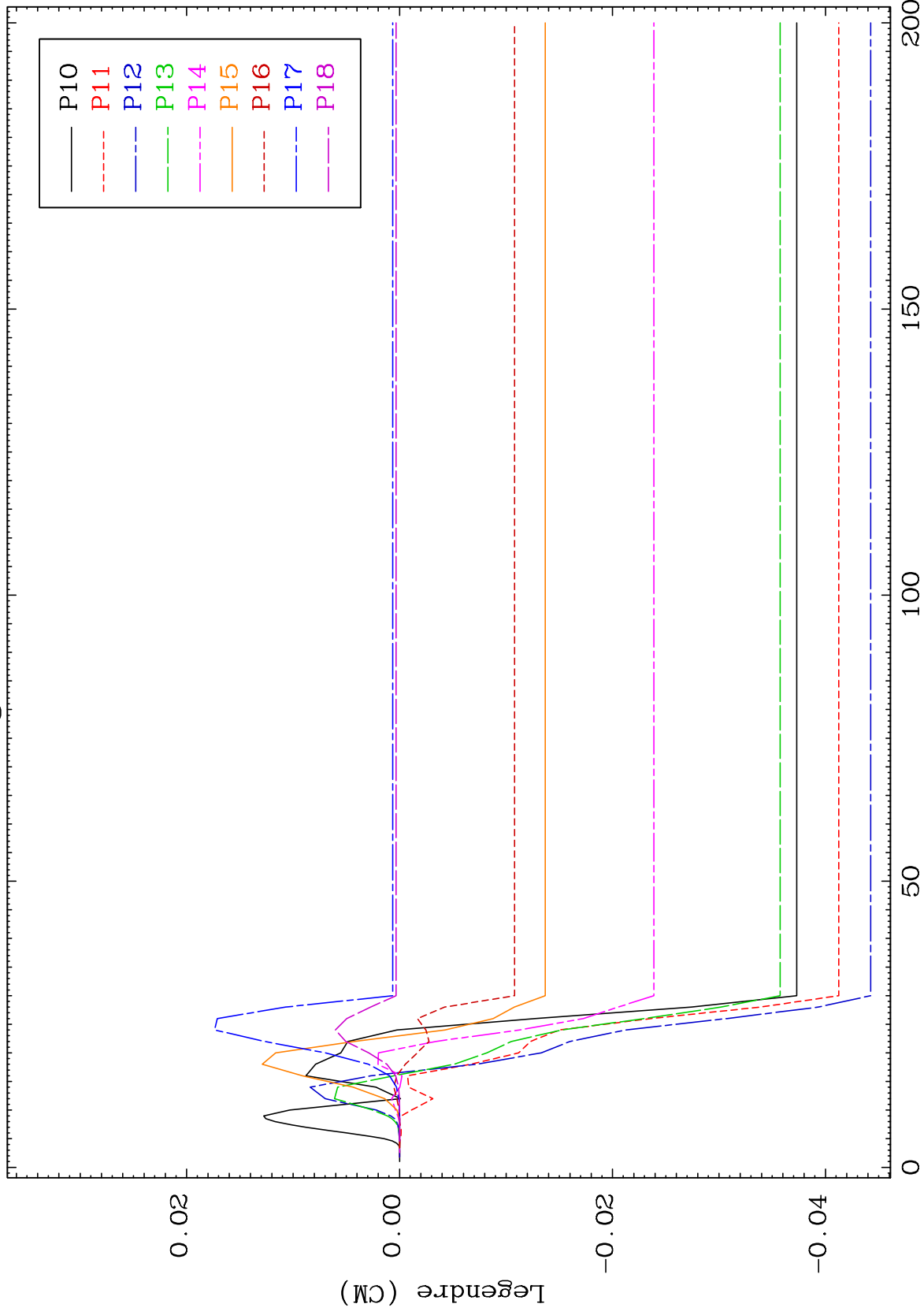
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MAT 6804

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

68-Er-155



45

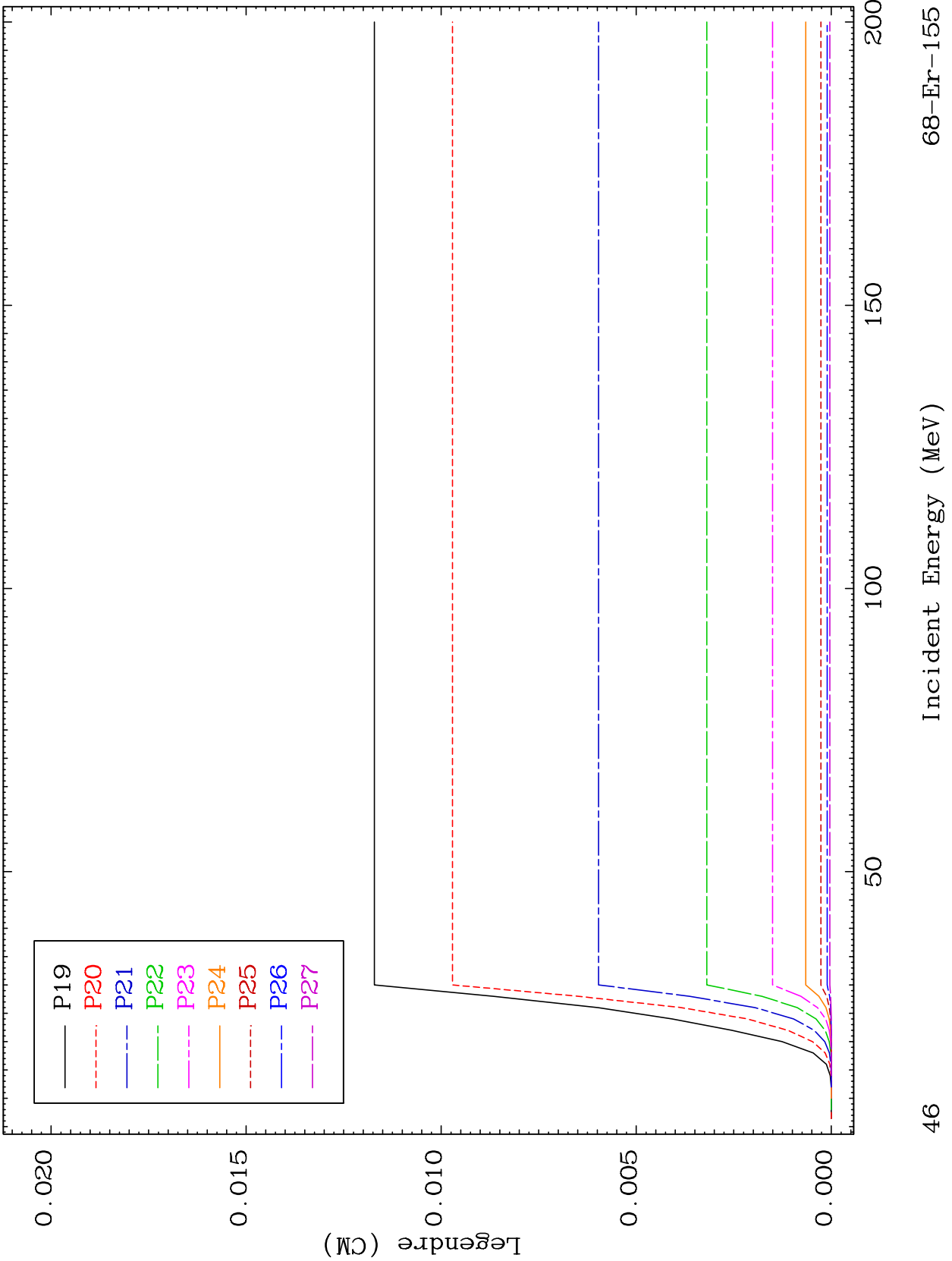
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



46

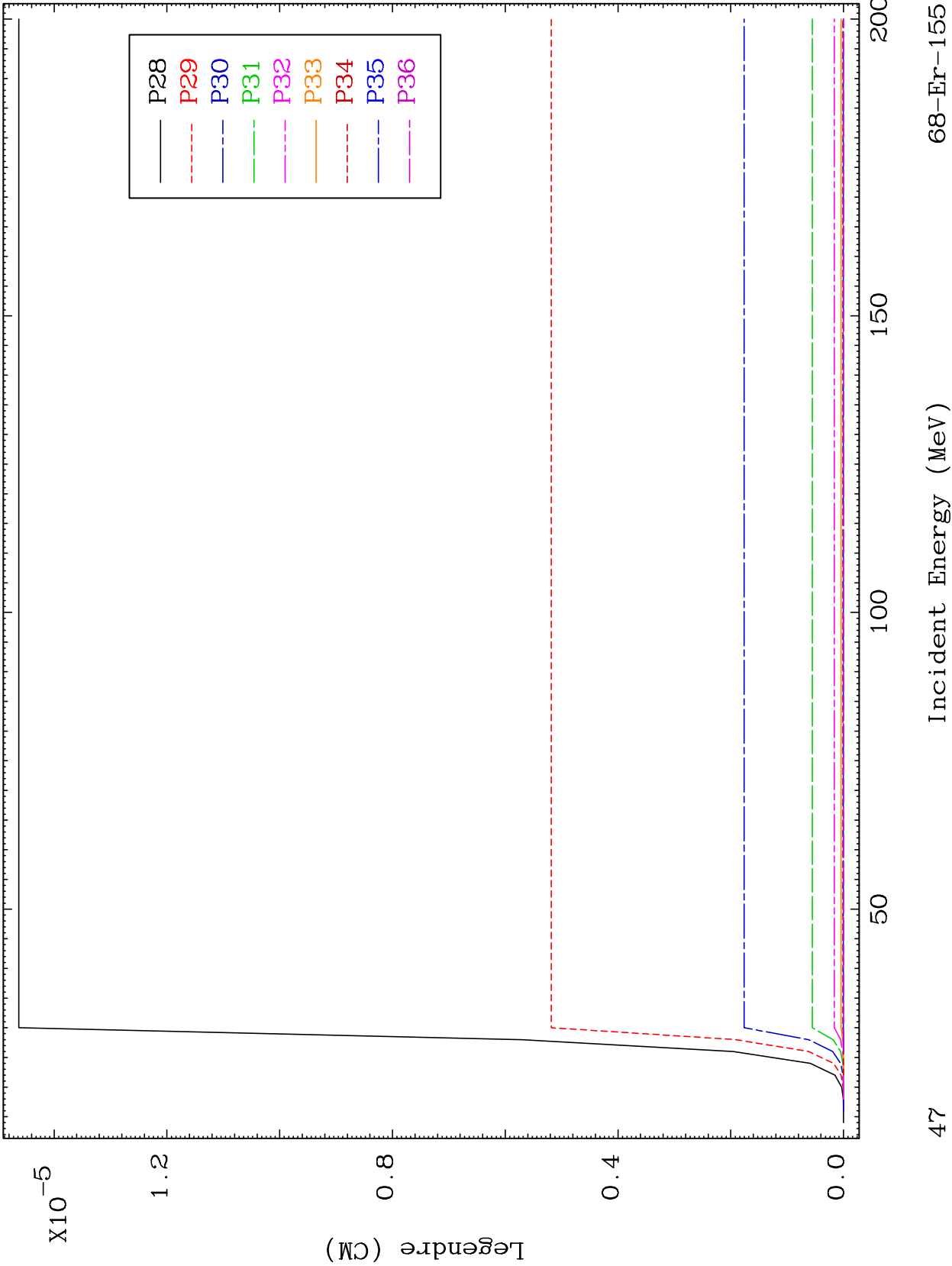
Incident Energy (MeV)

68-Er-155

MAT 6804

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

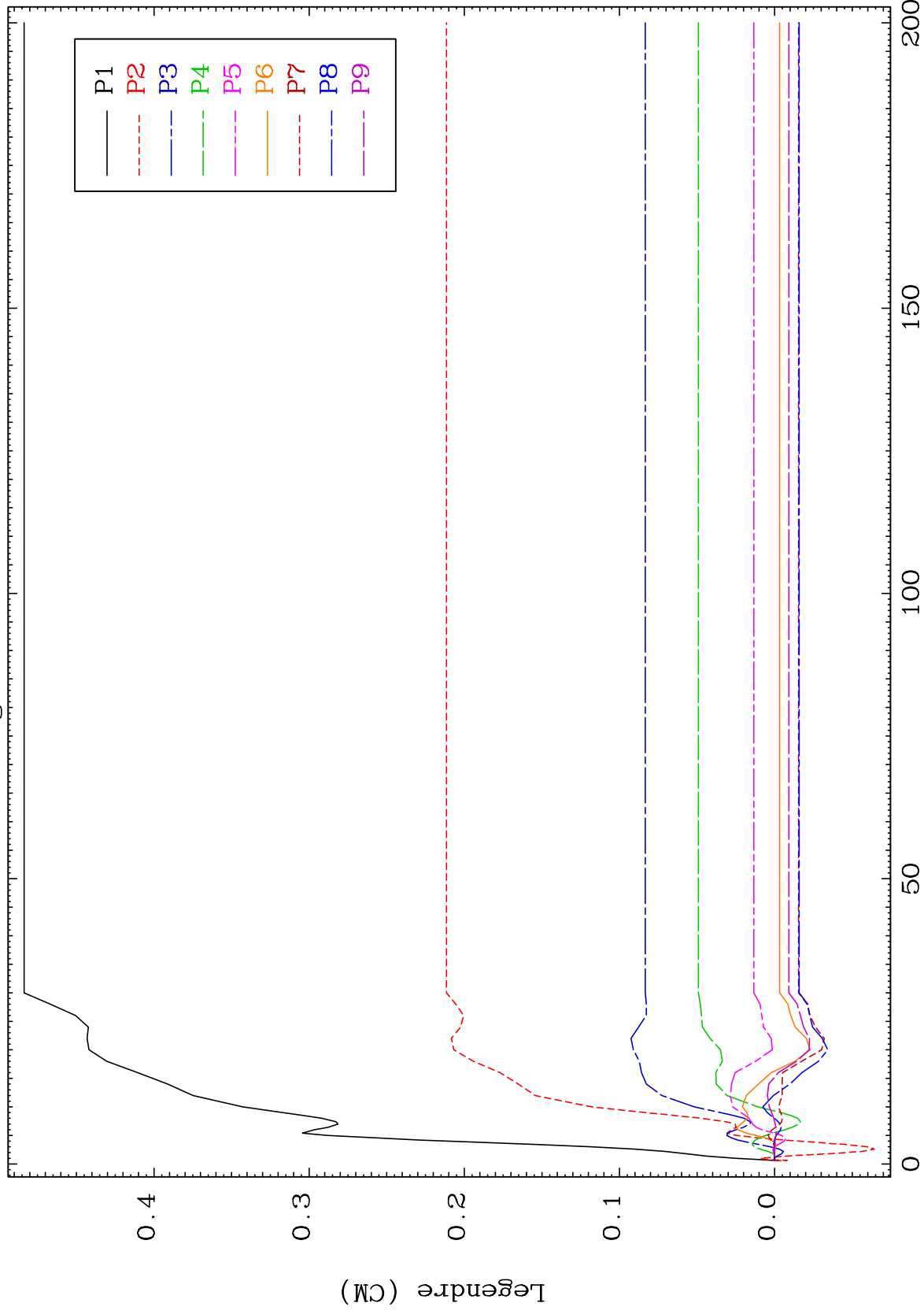
68-Er-155



MAT 6804

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

68-Er-155



68-Er-155

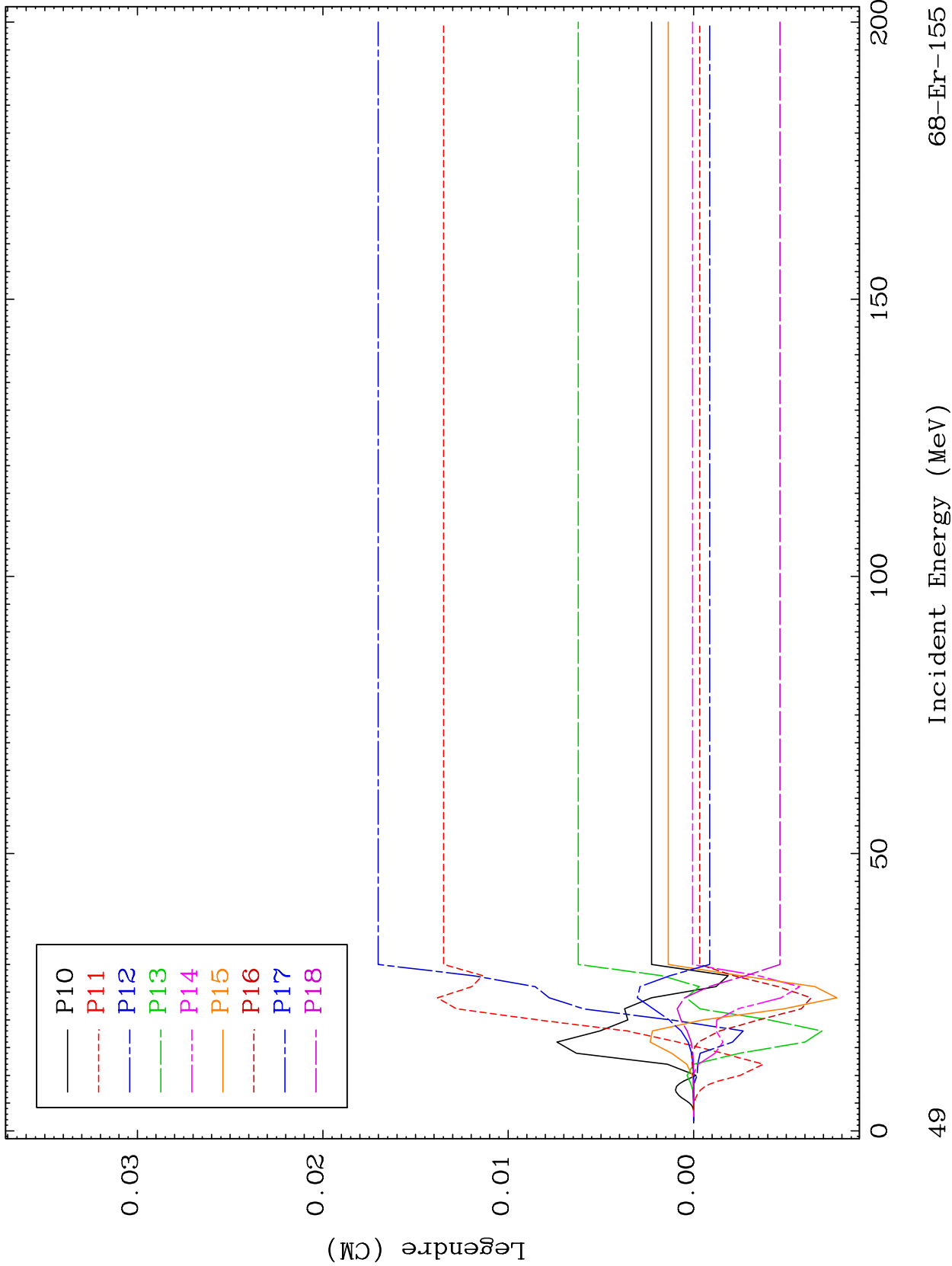
Incident Energy (MeV)

48

MAT 6804

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

68-Er-155



49

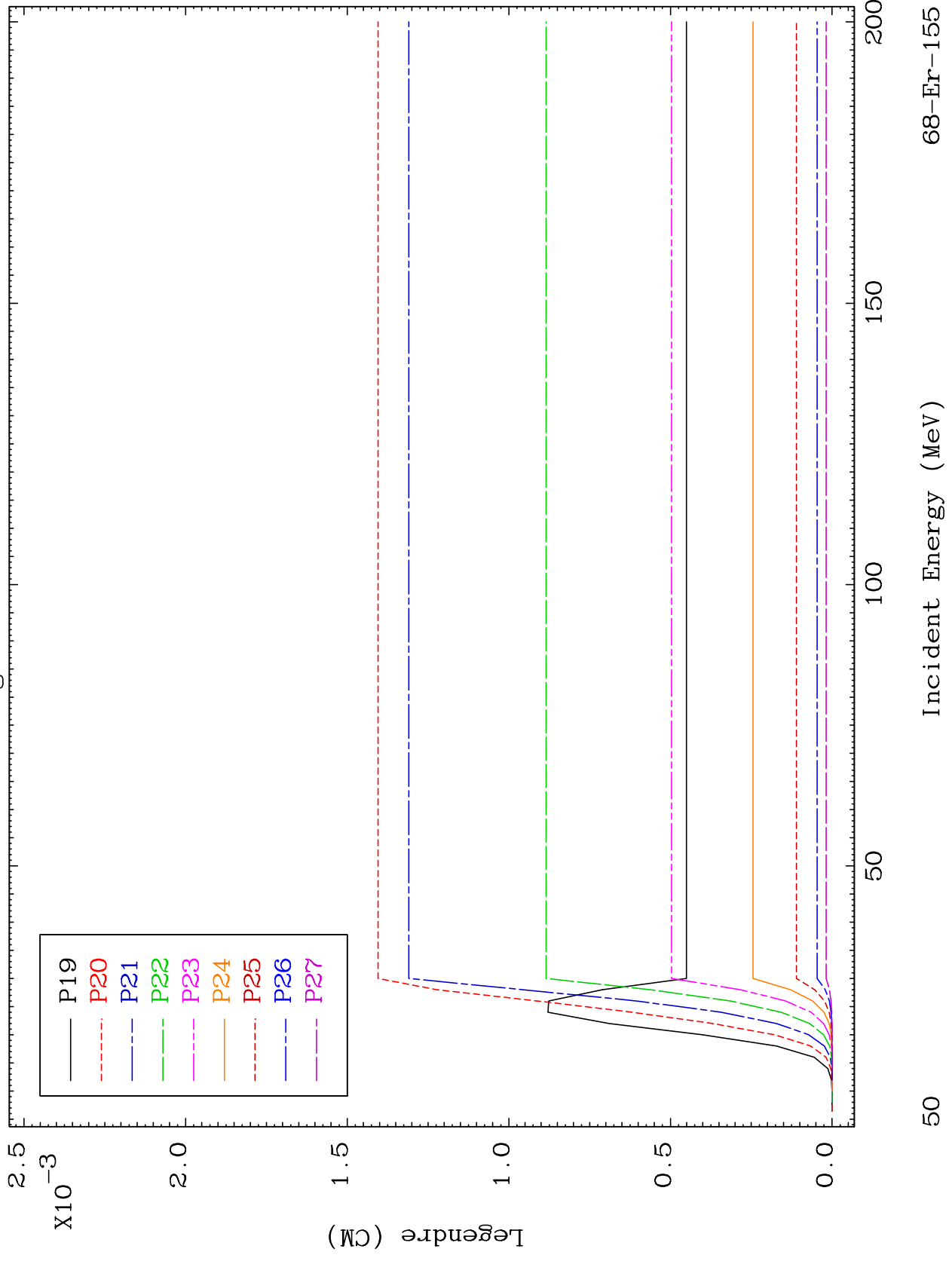
Incident Energy (MeV)

68-Er-155

MAT 6804

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

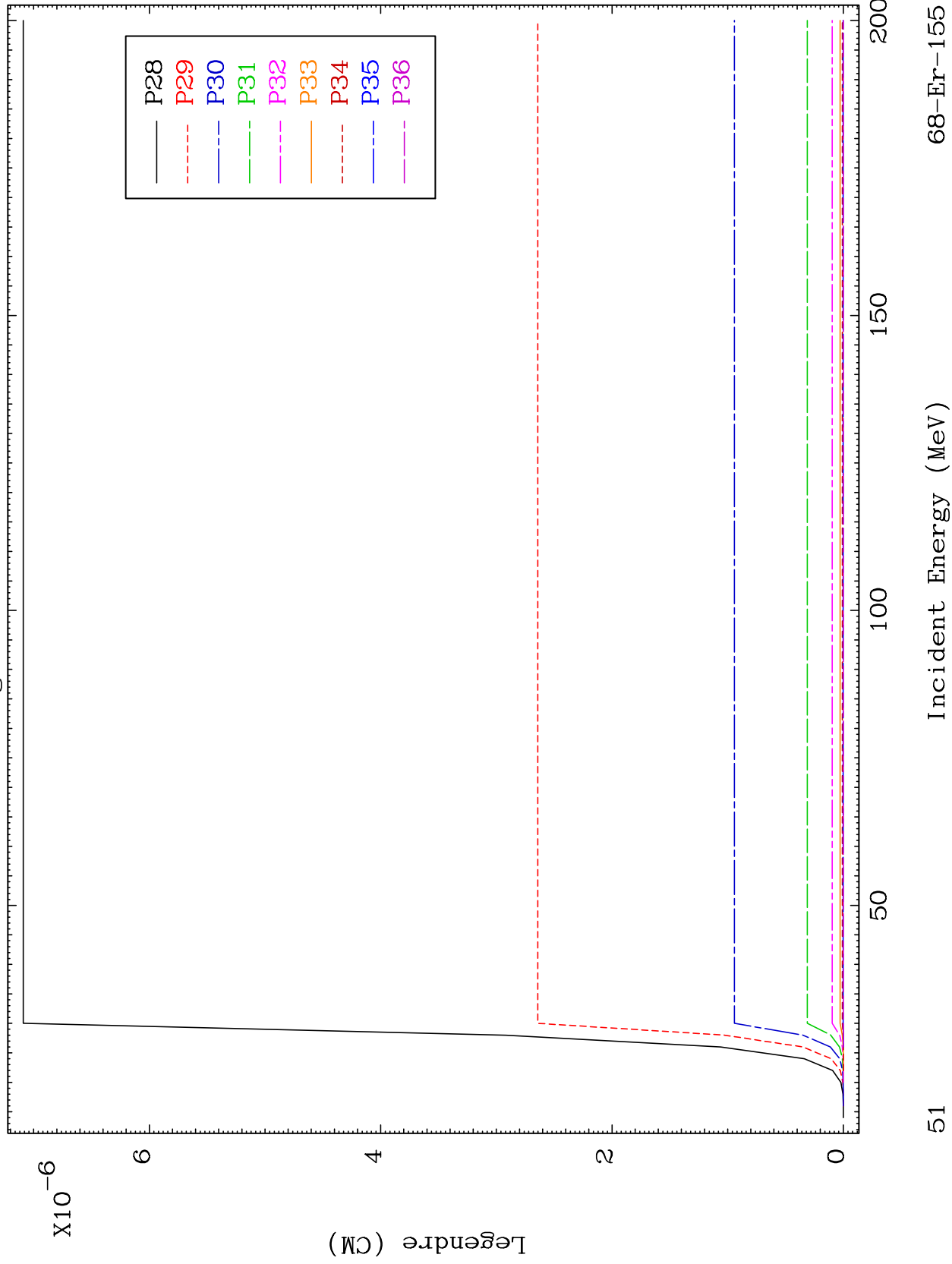
68-Er-155



MAT 6804

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

68-Er-155



51

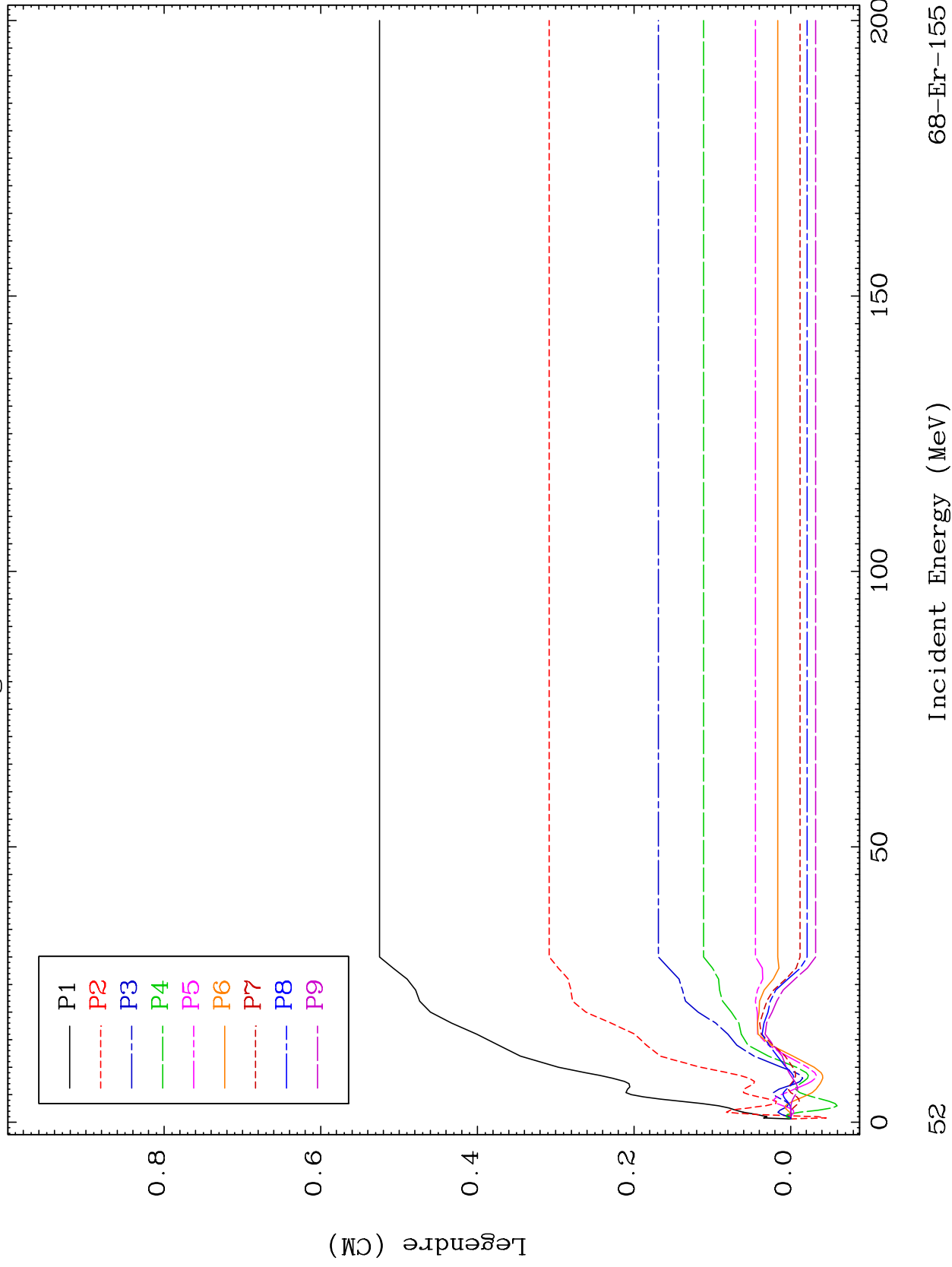
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



68-Er-155

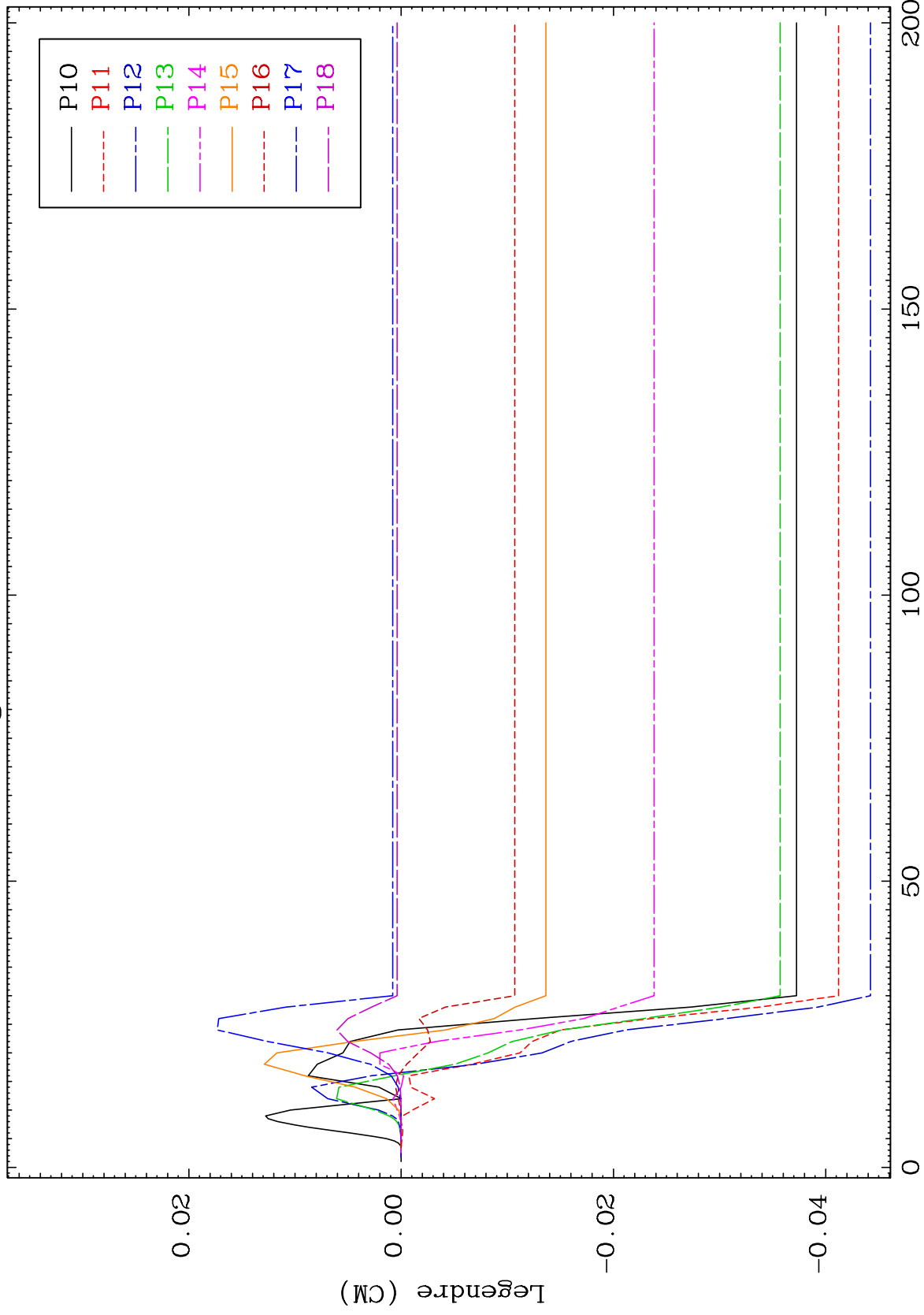
Incident Energy (MeV)

52

MAT 6804

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

68-Er-155



53

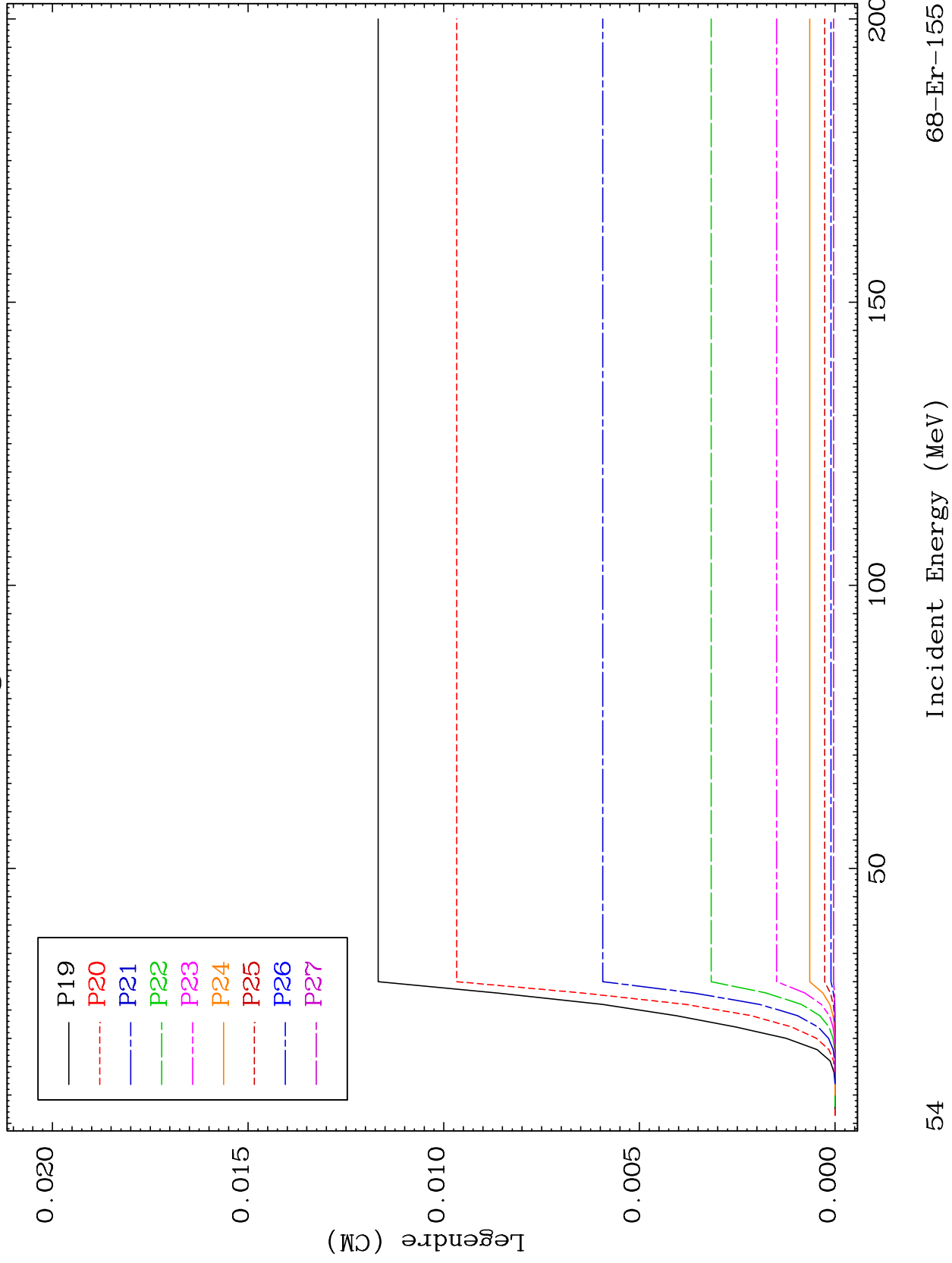
Incident Energy (MeV)

68-Er-155

MAT 6804

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

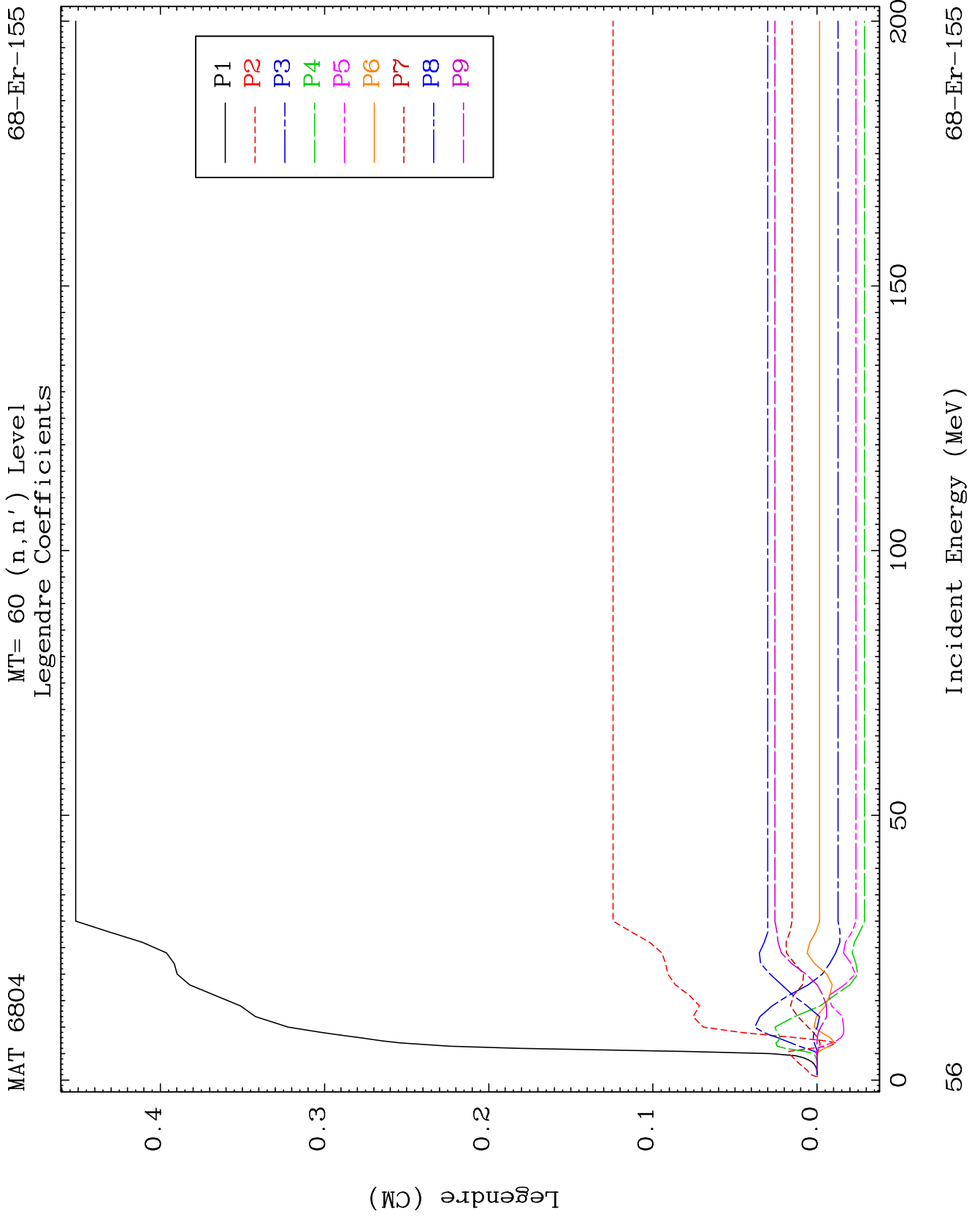
68-Er-155



54

Incident Energy (MeV)

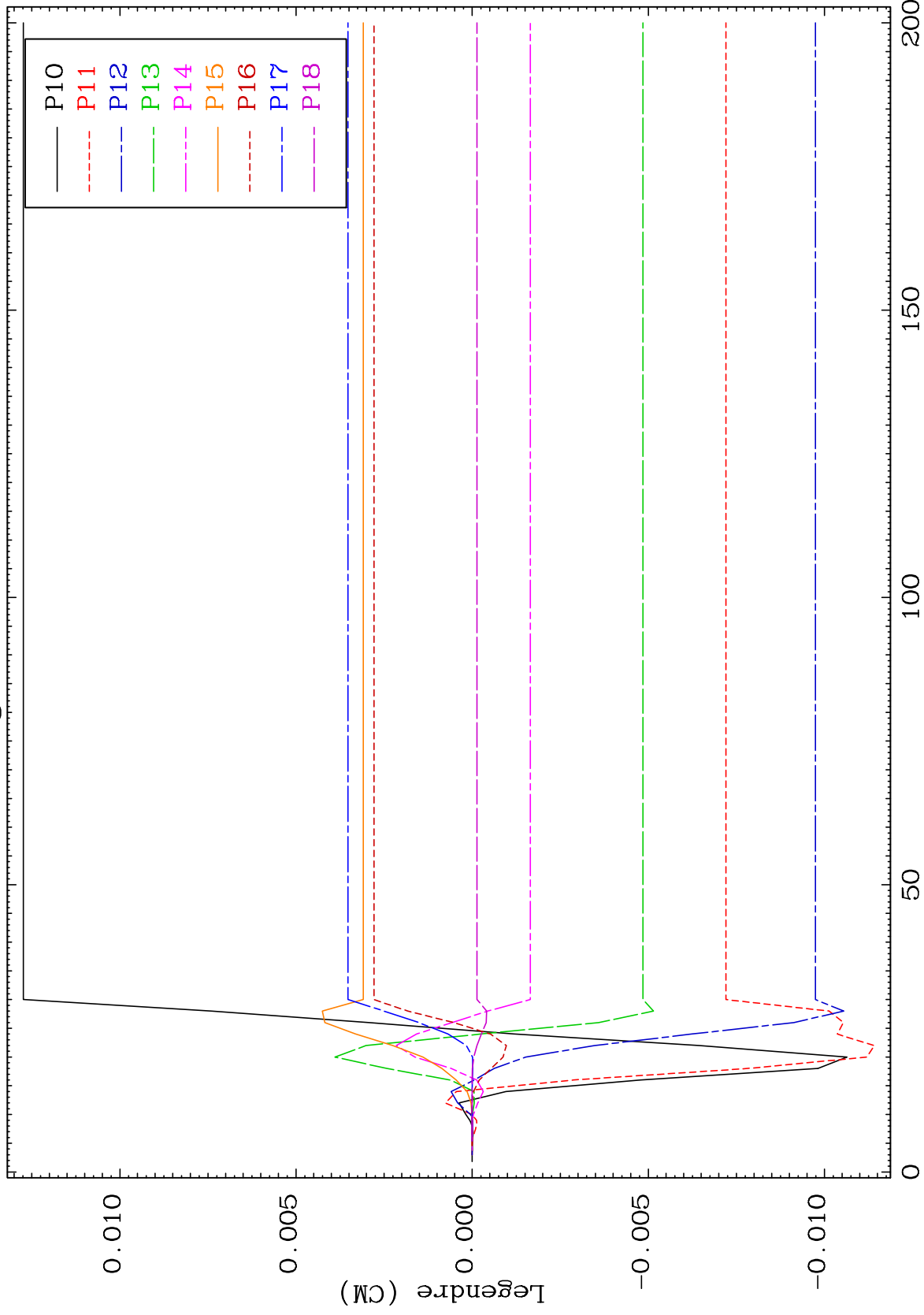
68-Er-155



MAT 6804

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

68-Er-155



57

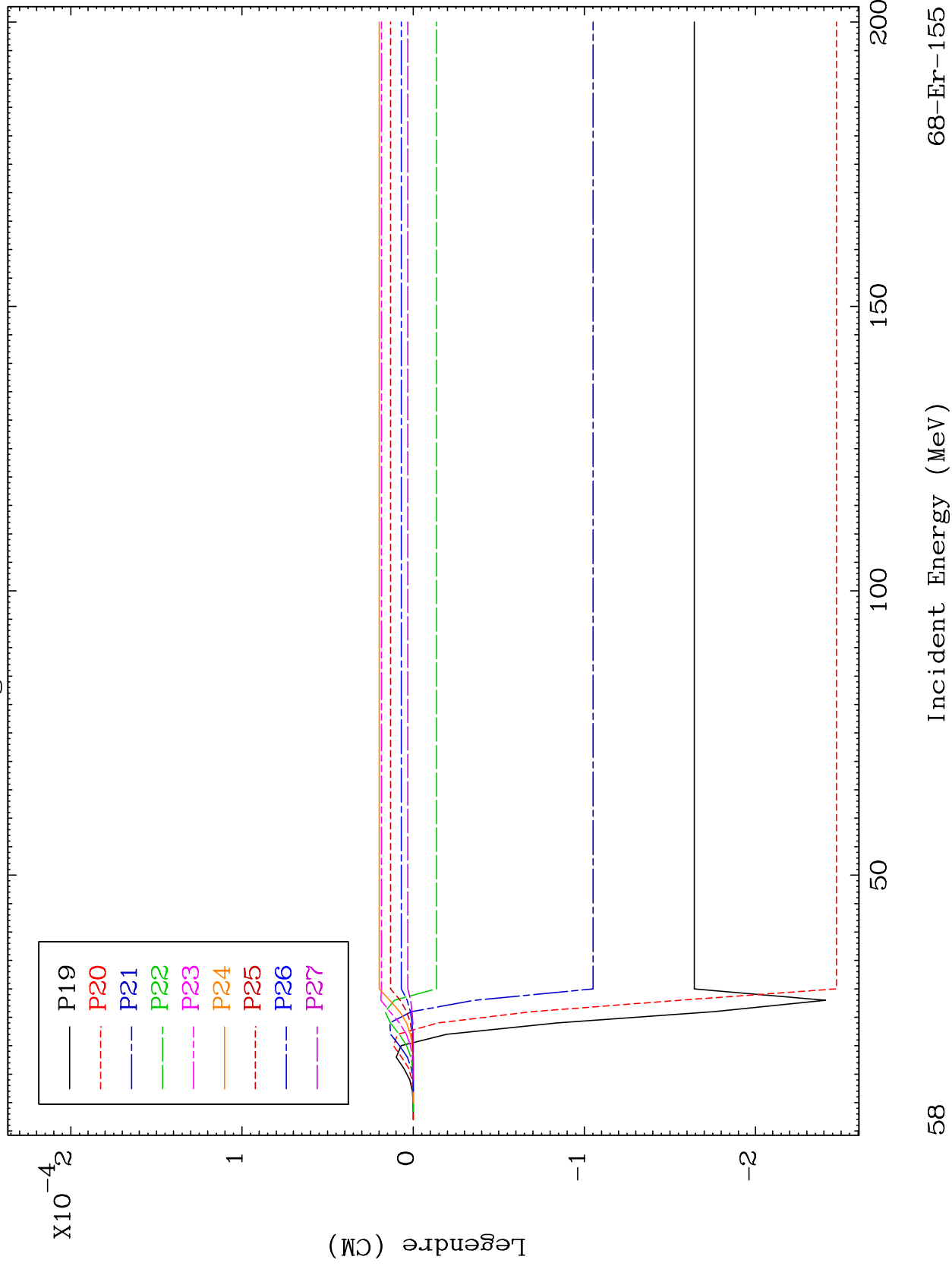
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



58

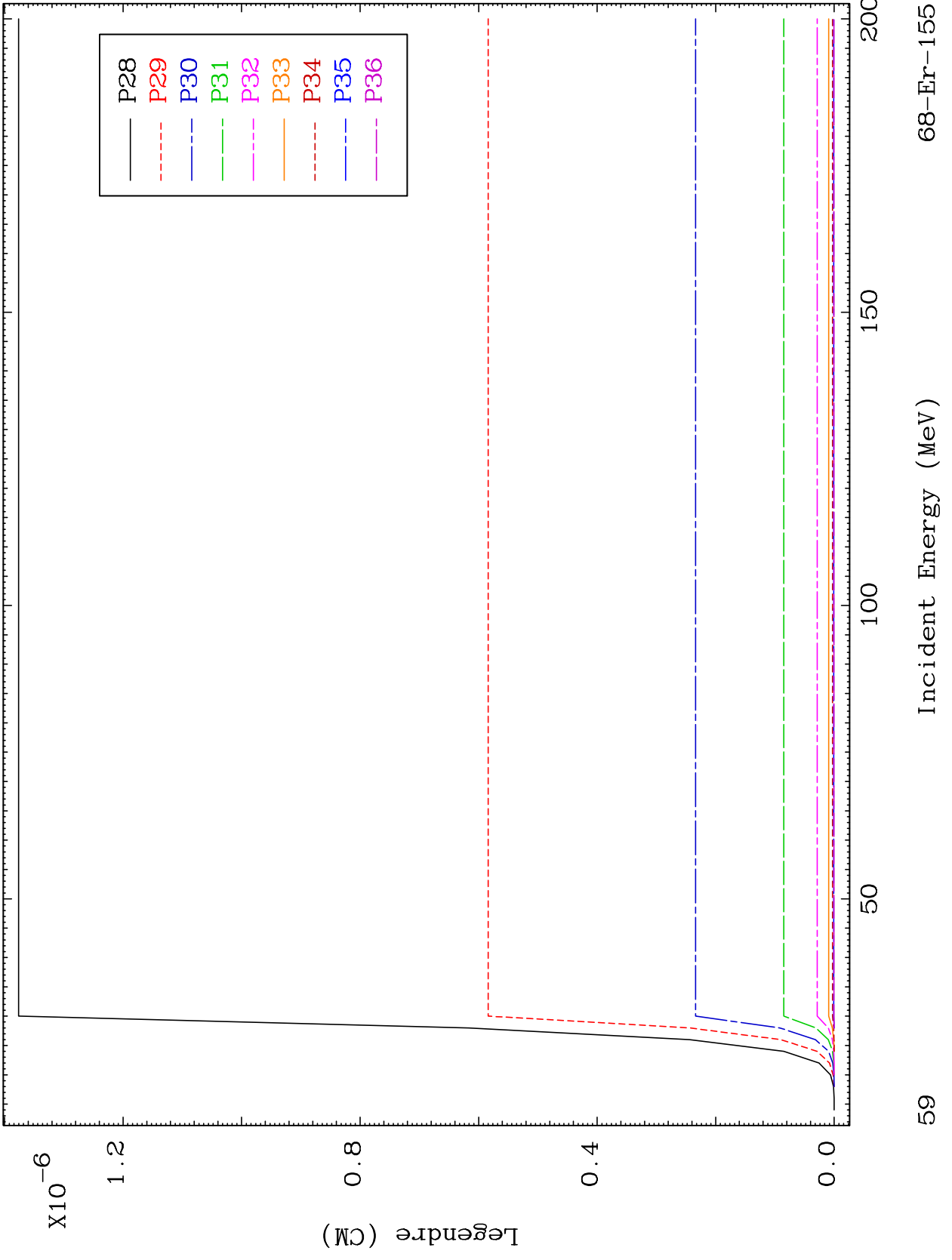
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

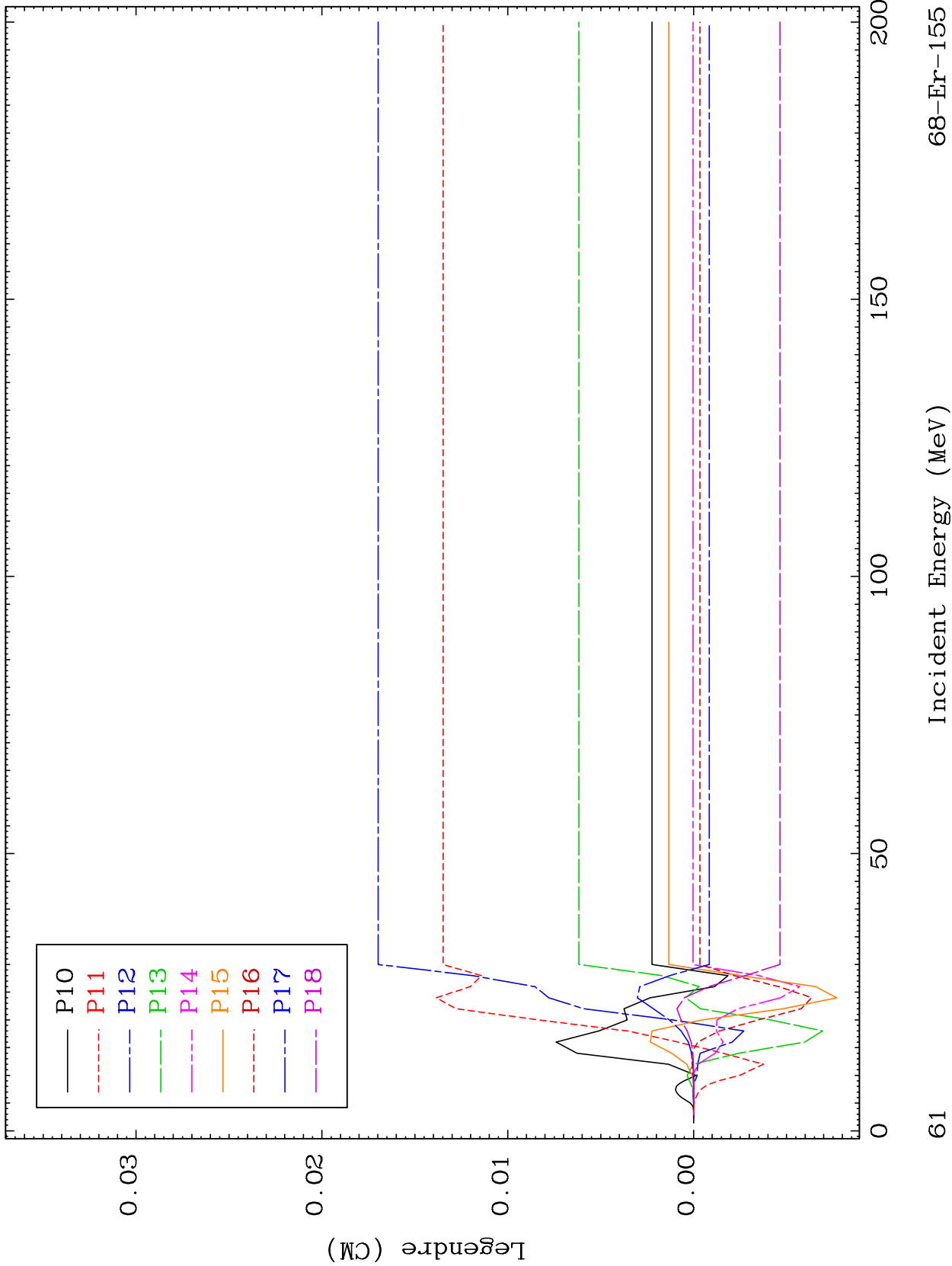


59

MAT 6804

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

68-Er-155



61

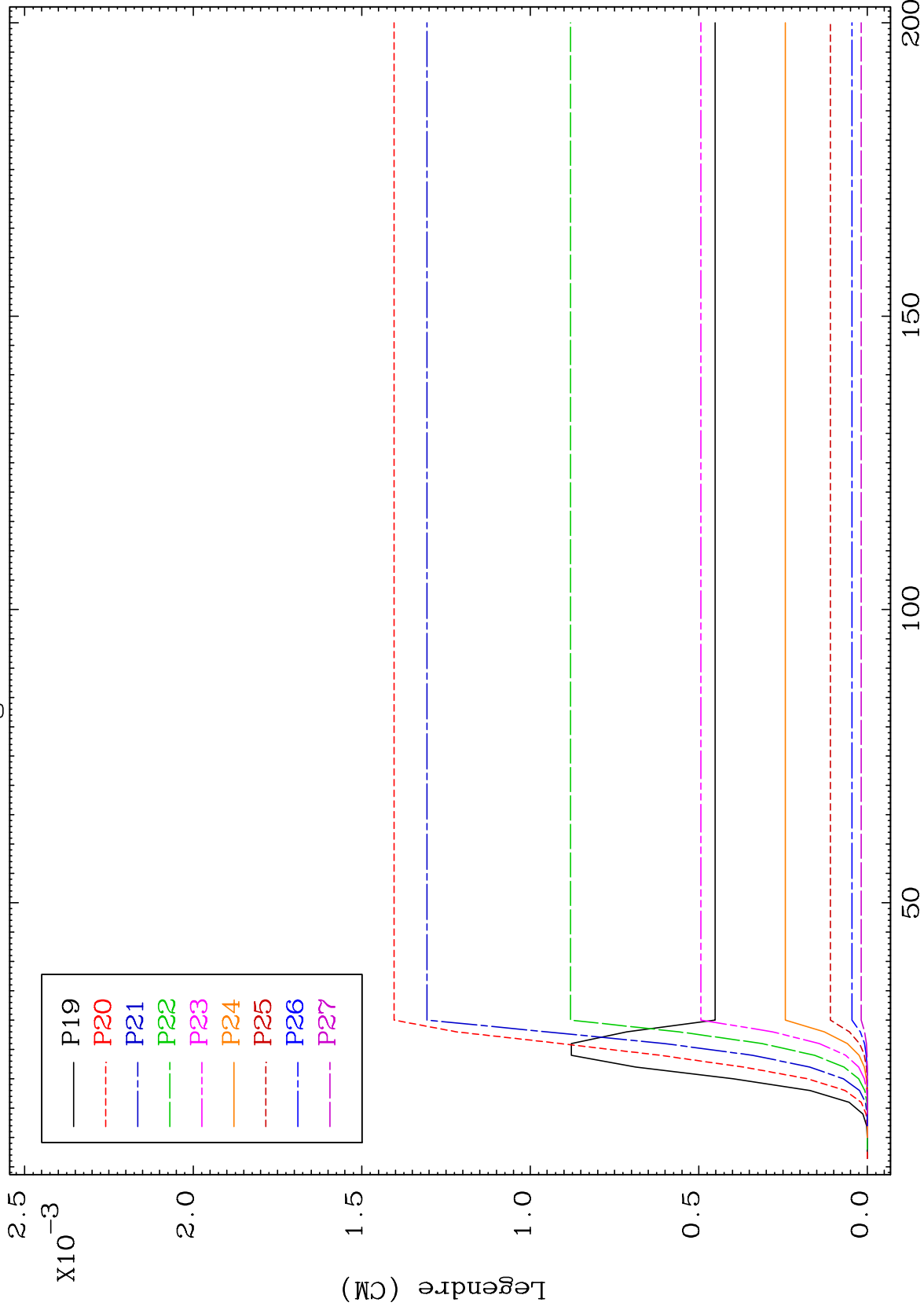
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



62

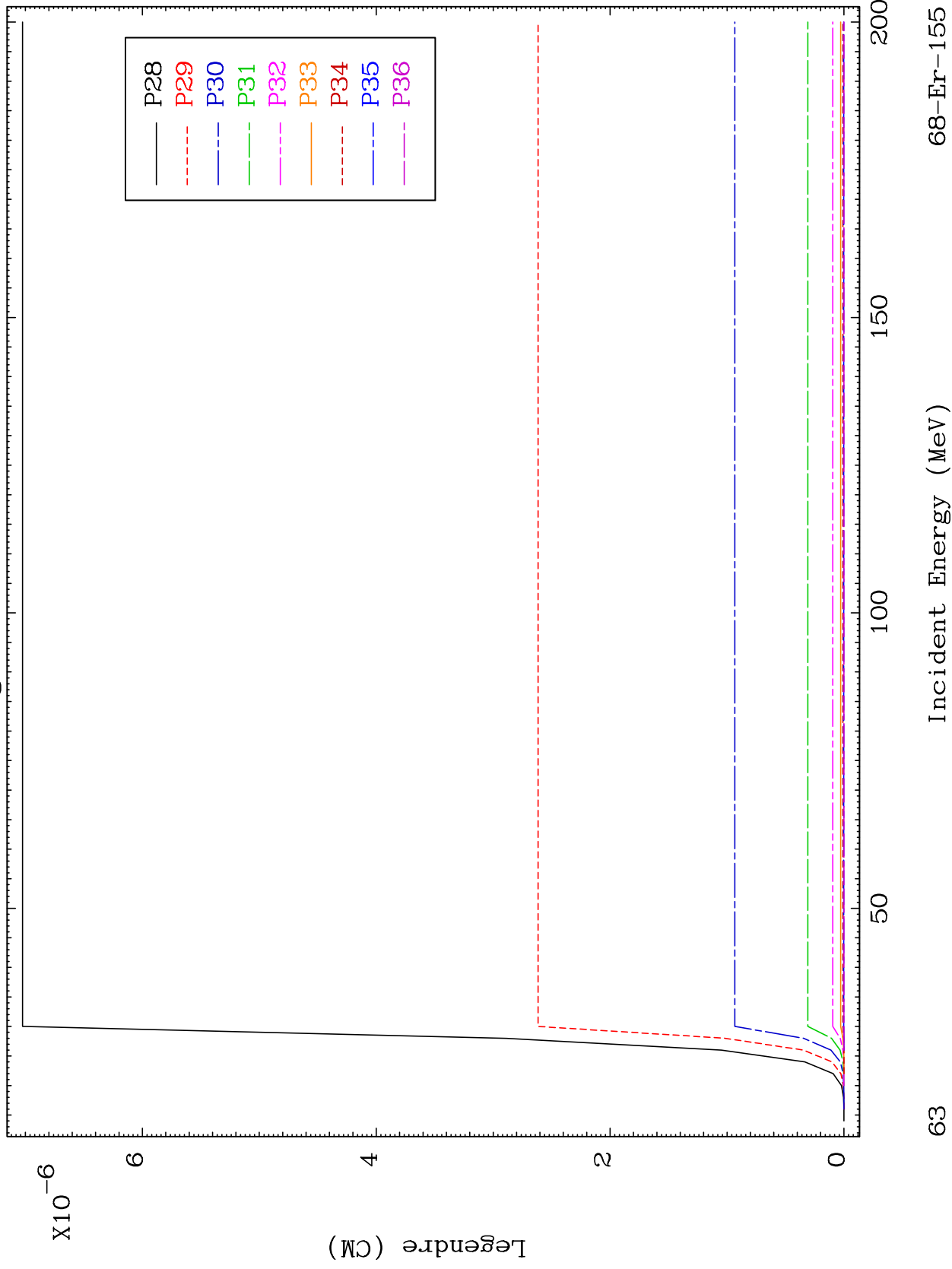
Incident Energy (MeV)

68-Er-155

MAT 6804

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

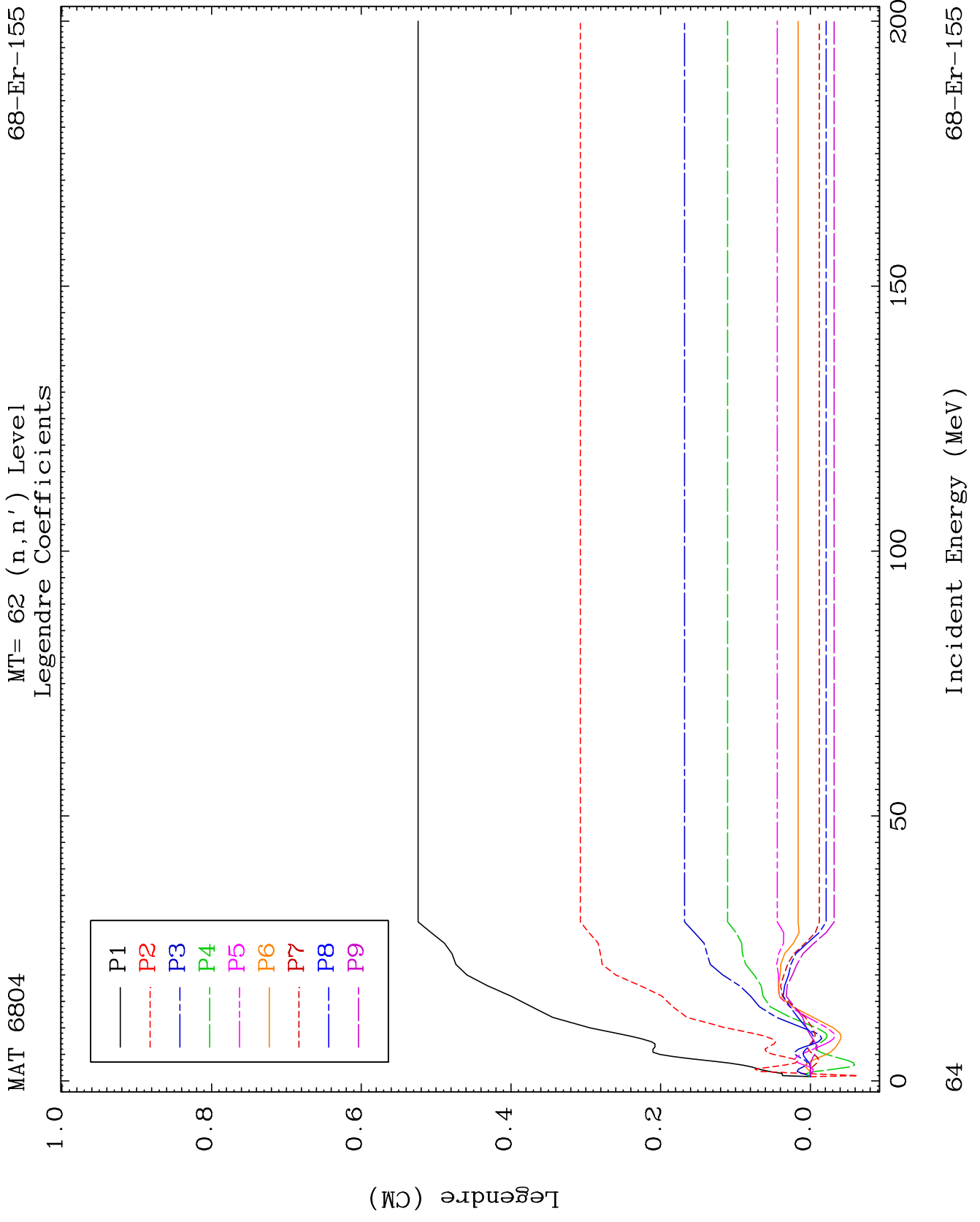
68-Er-155



63

Incident Energy (MeV)

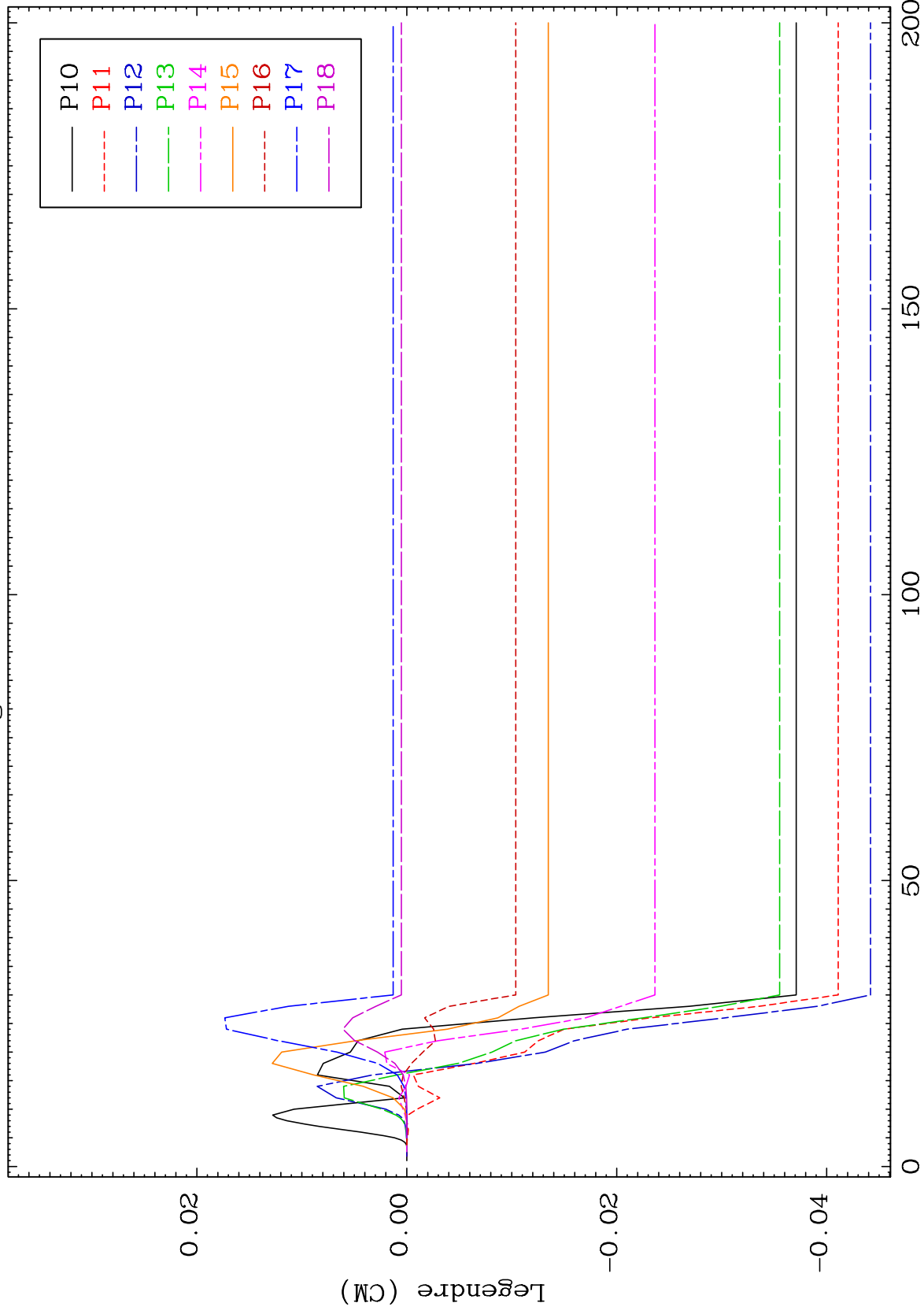
68-Er-155



MAT 6804

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

68-Er-155



65

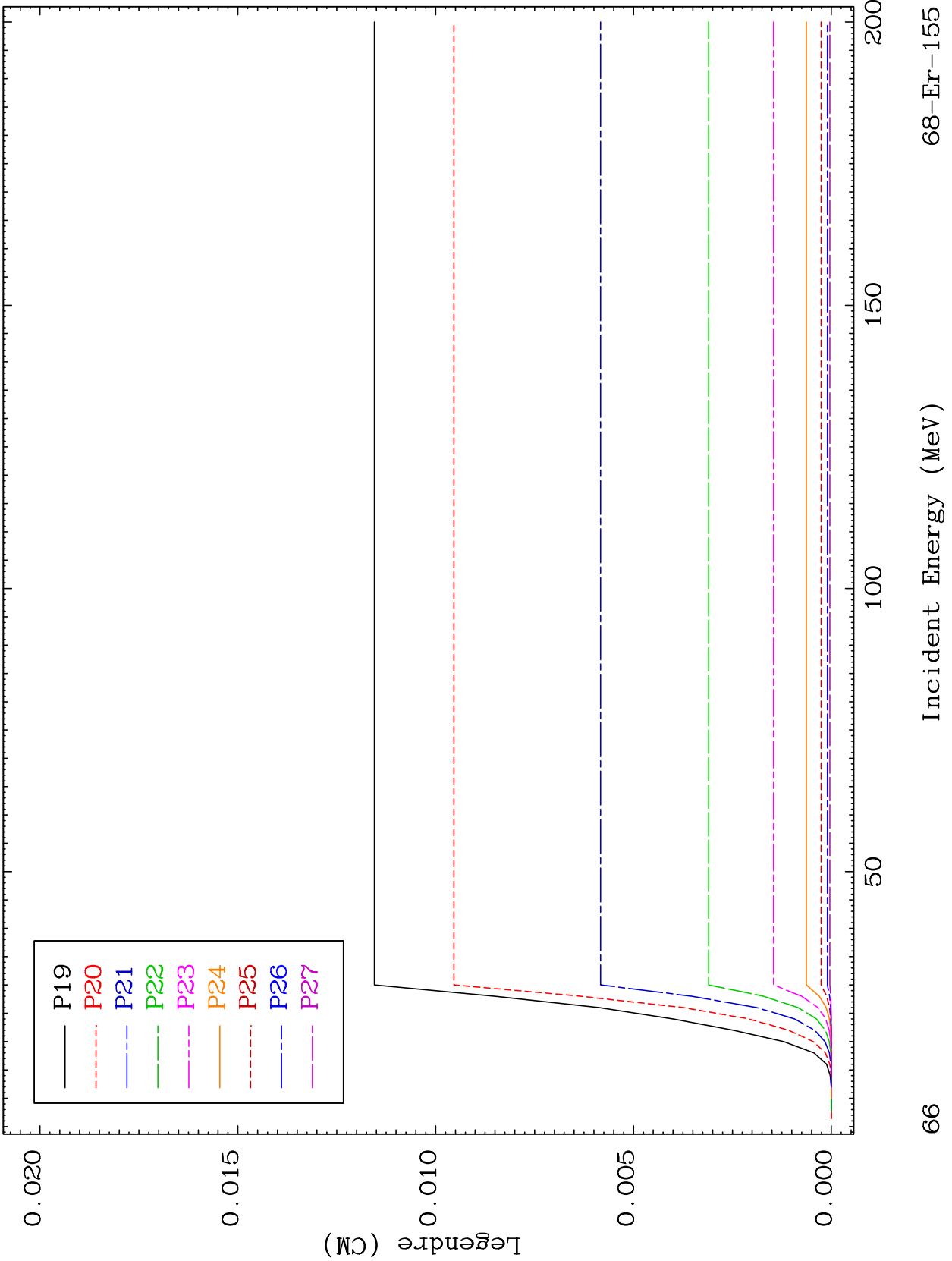
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



66

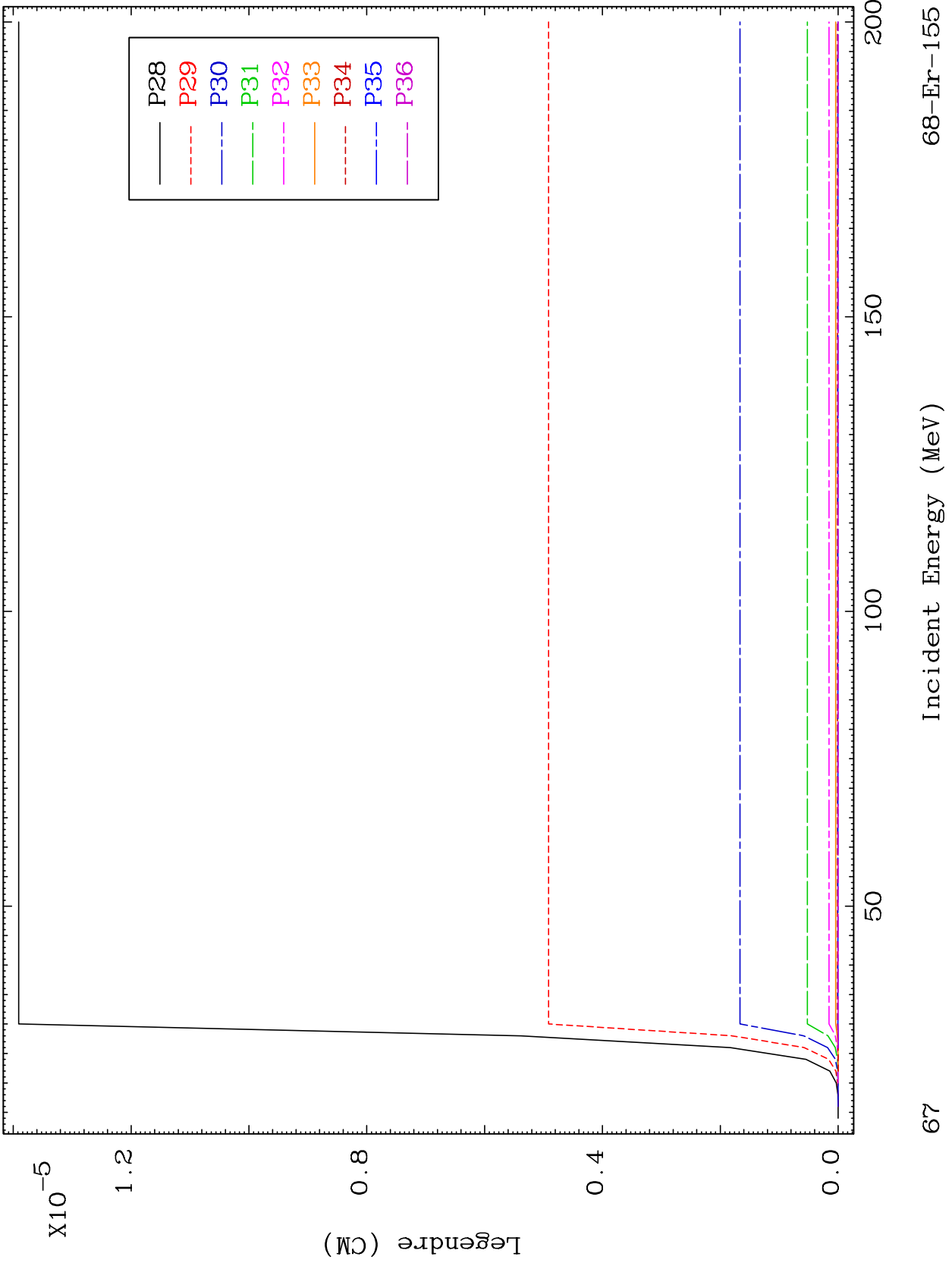
Incident Energy (MeV)

68-Er-155

MAT 6804

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

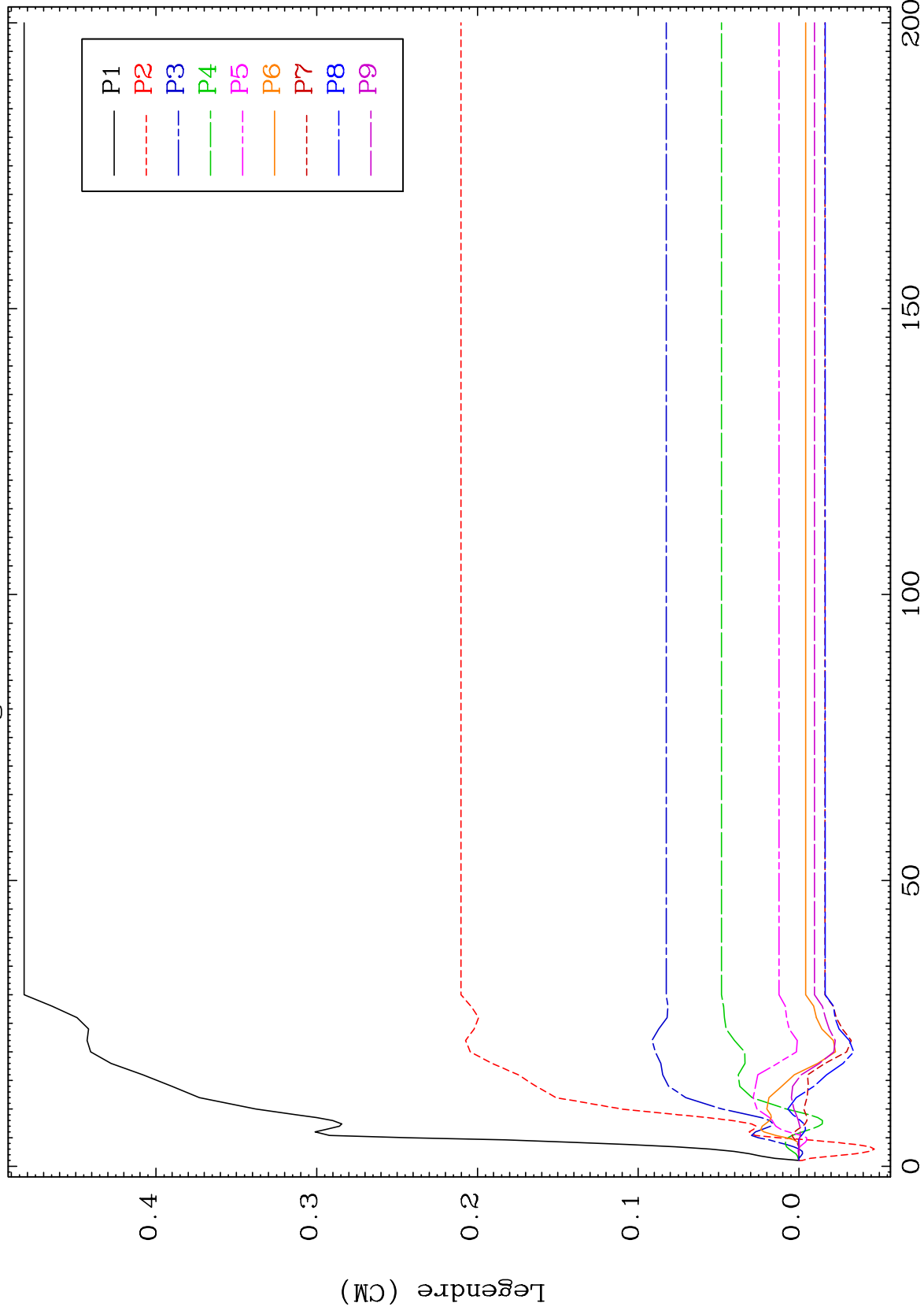
68-Er-155



MAT 6804

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

68-Er-155



68

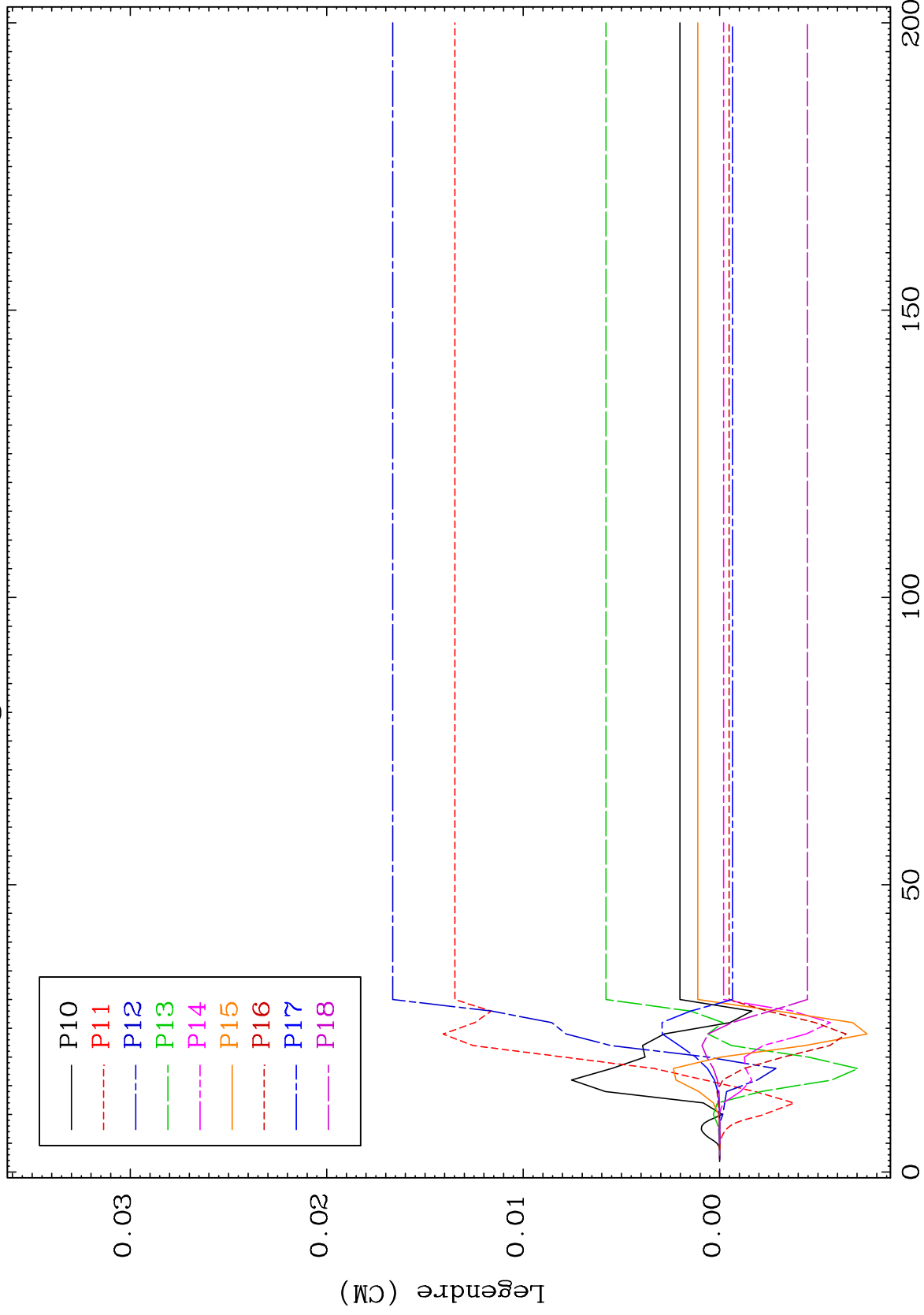
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



69

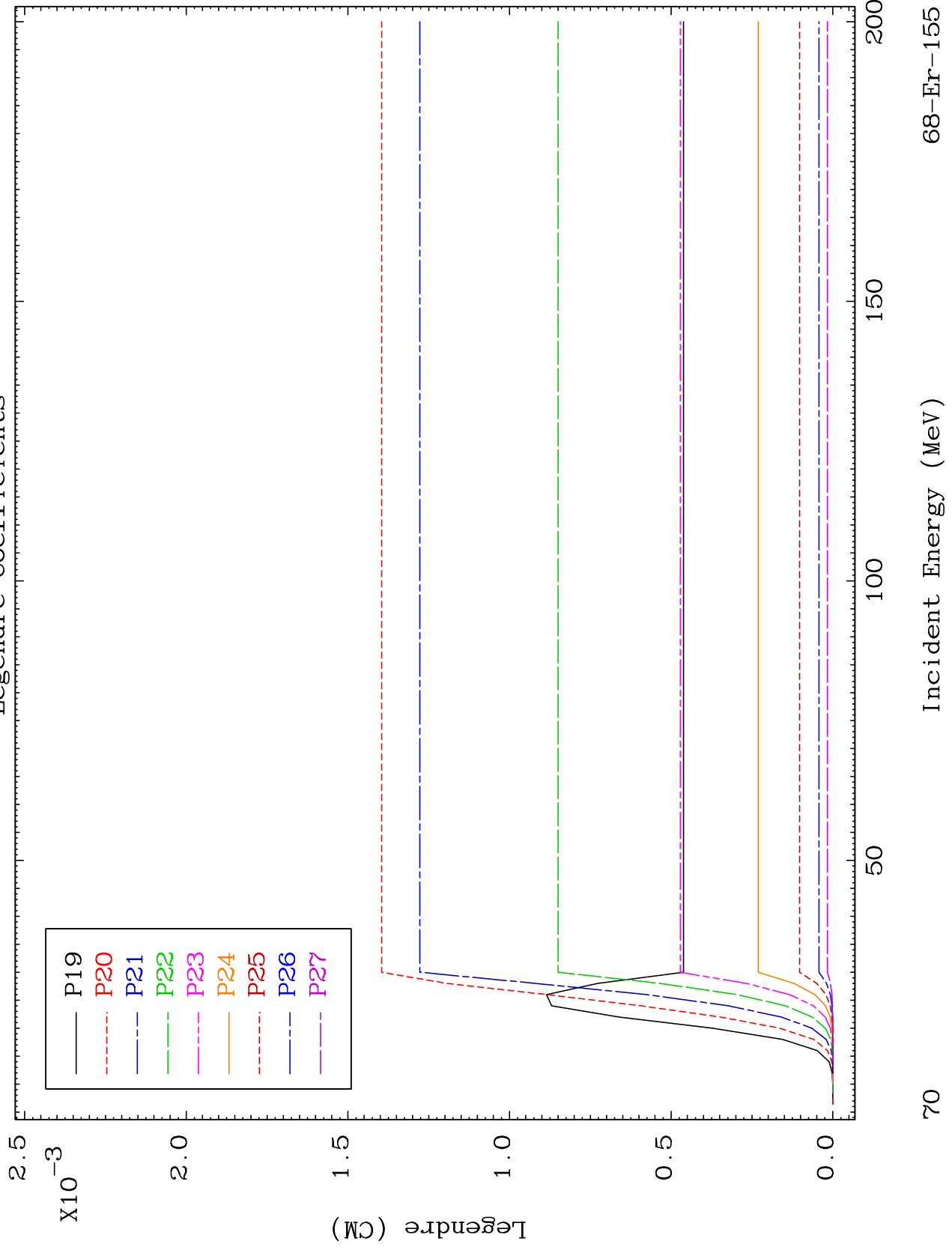
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



70

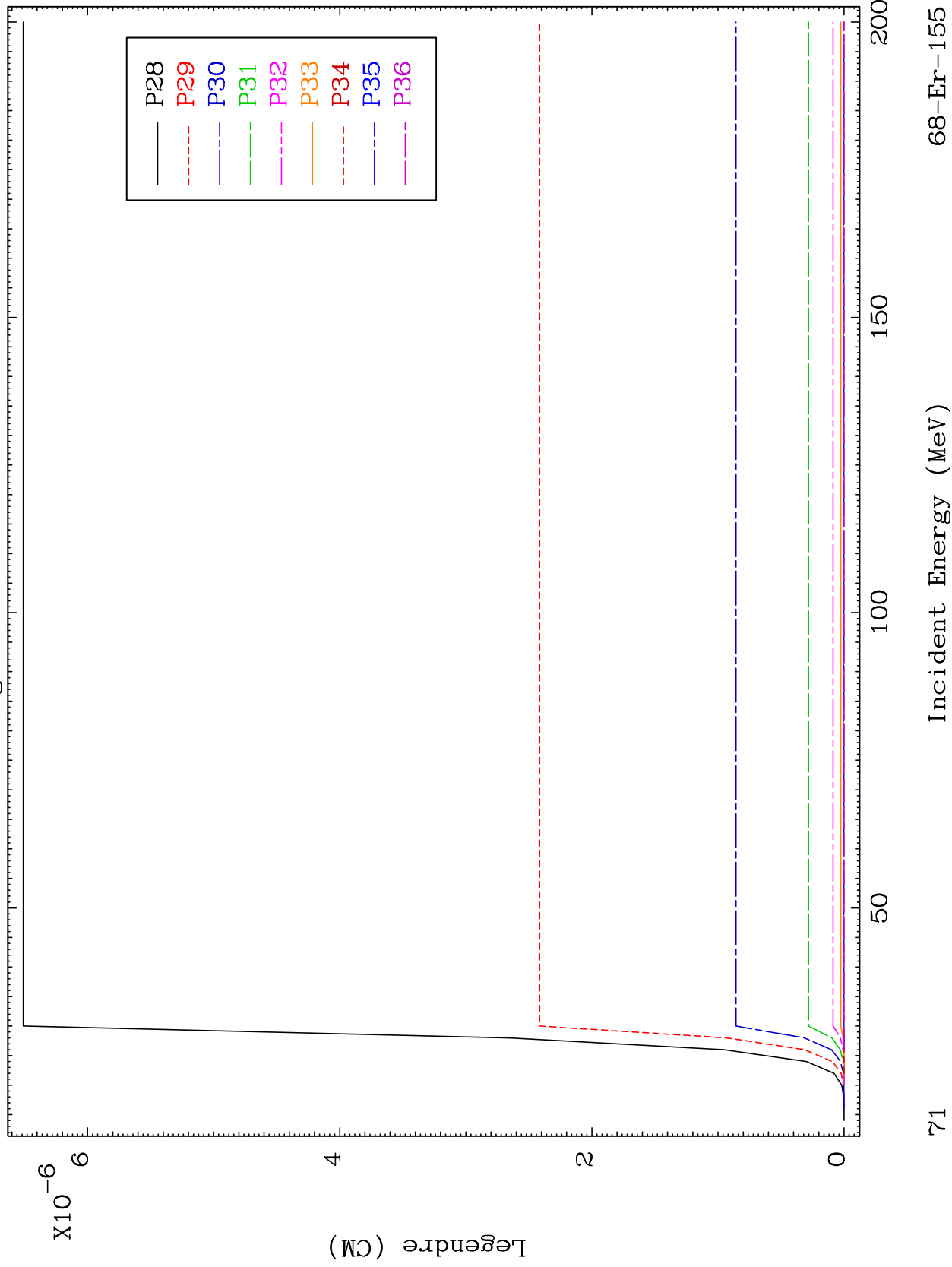
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

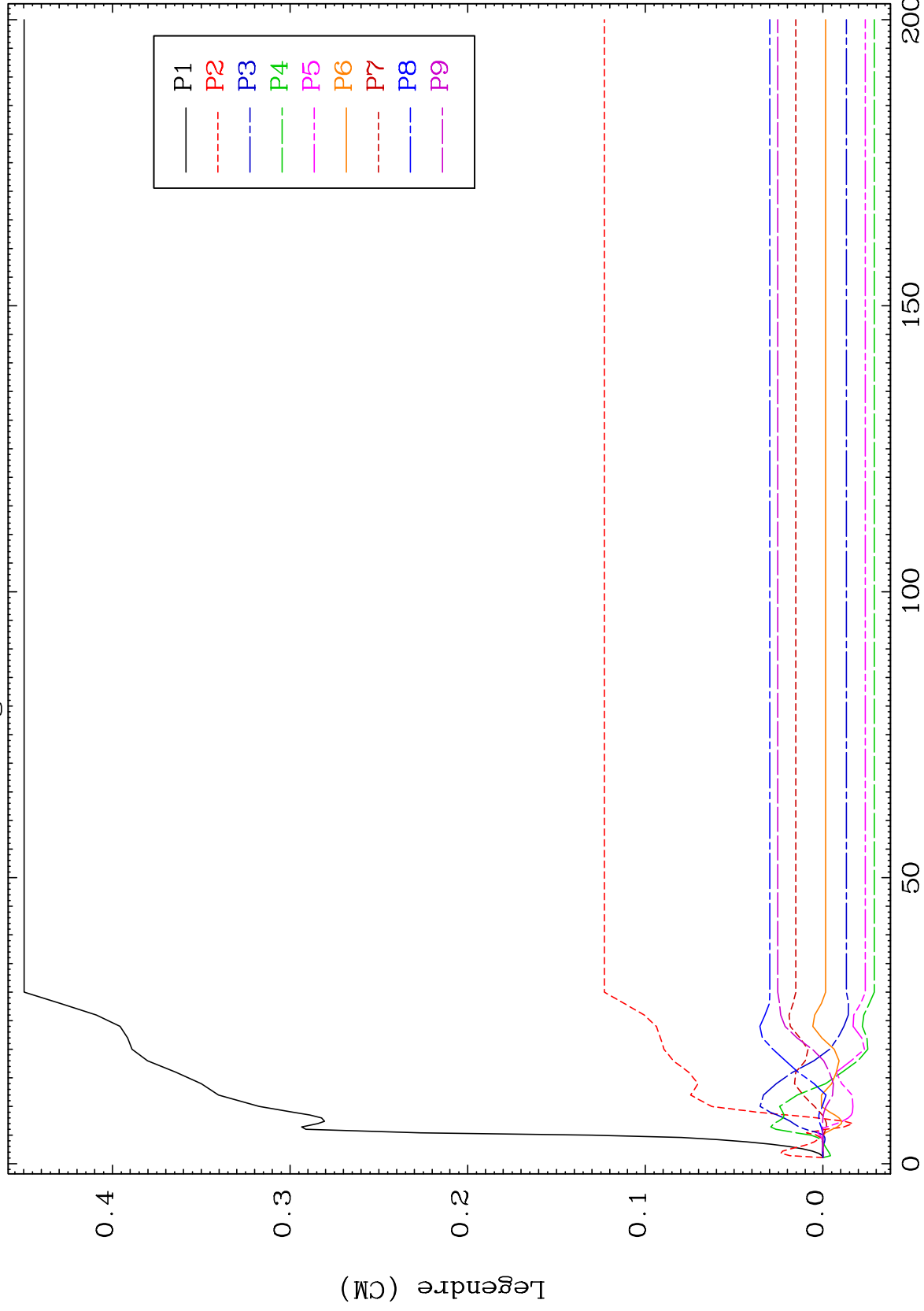


MAT 6804

MT= 64 (n,n') Level

68-Er-155

Legendre Coefficients



72

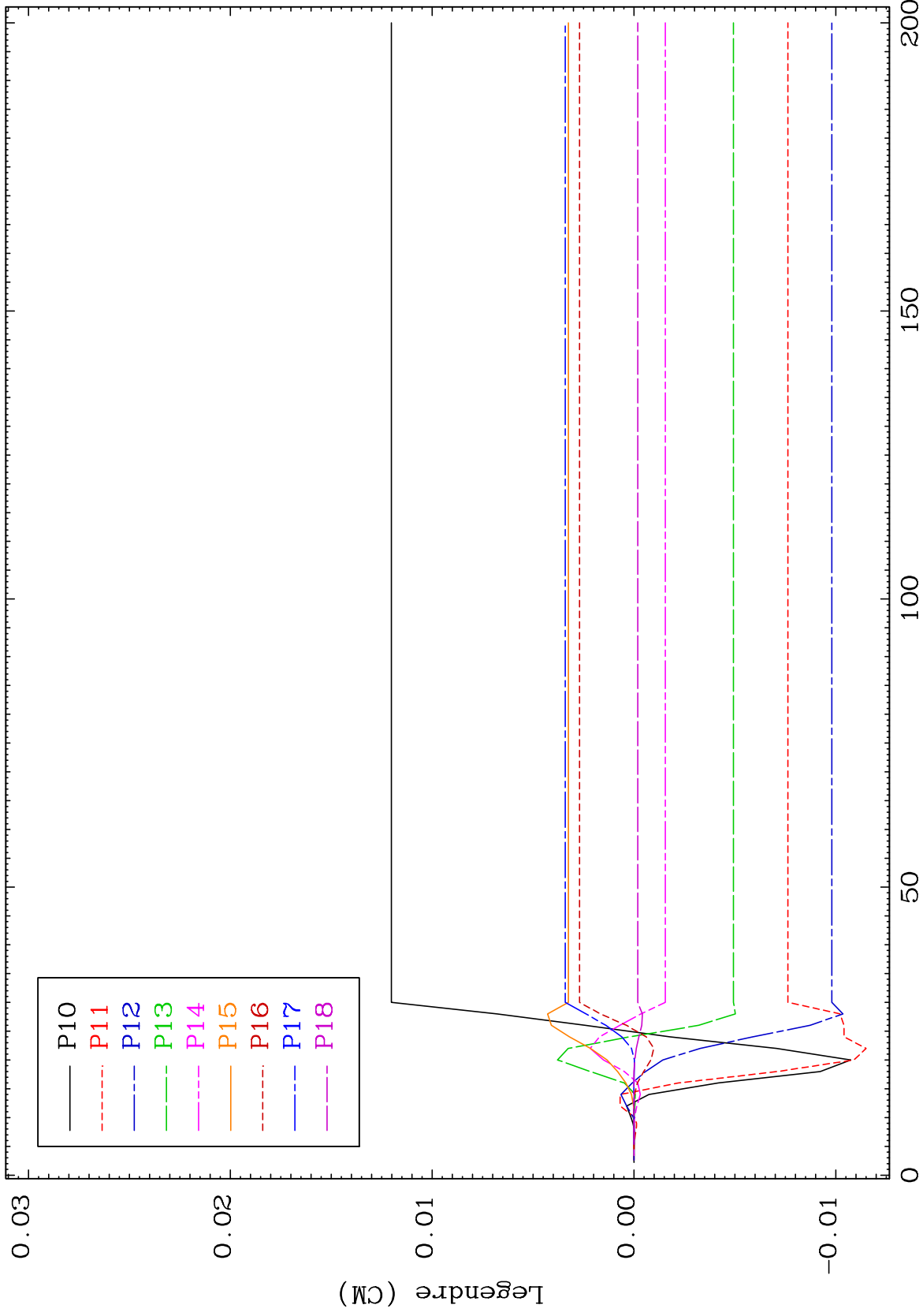
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



73

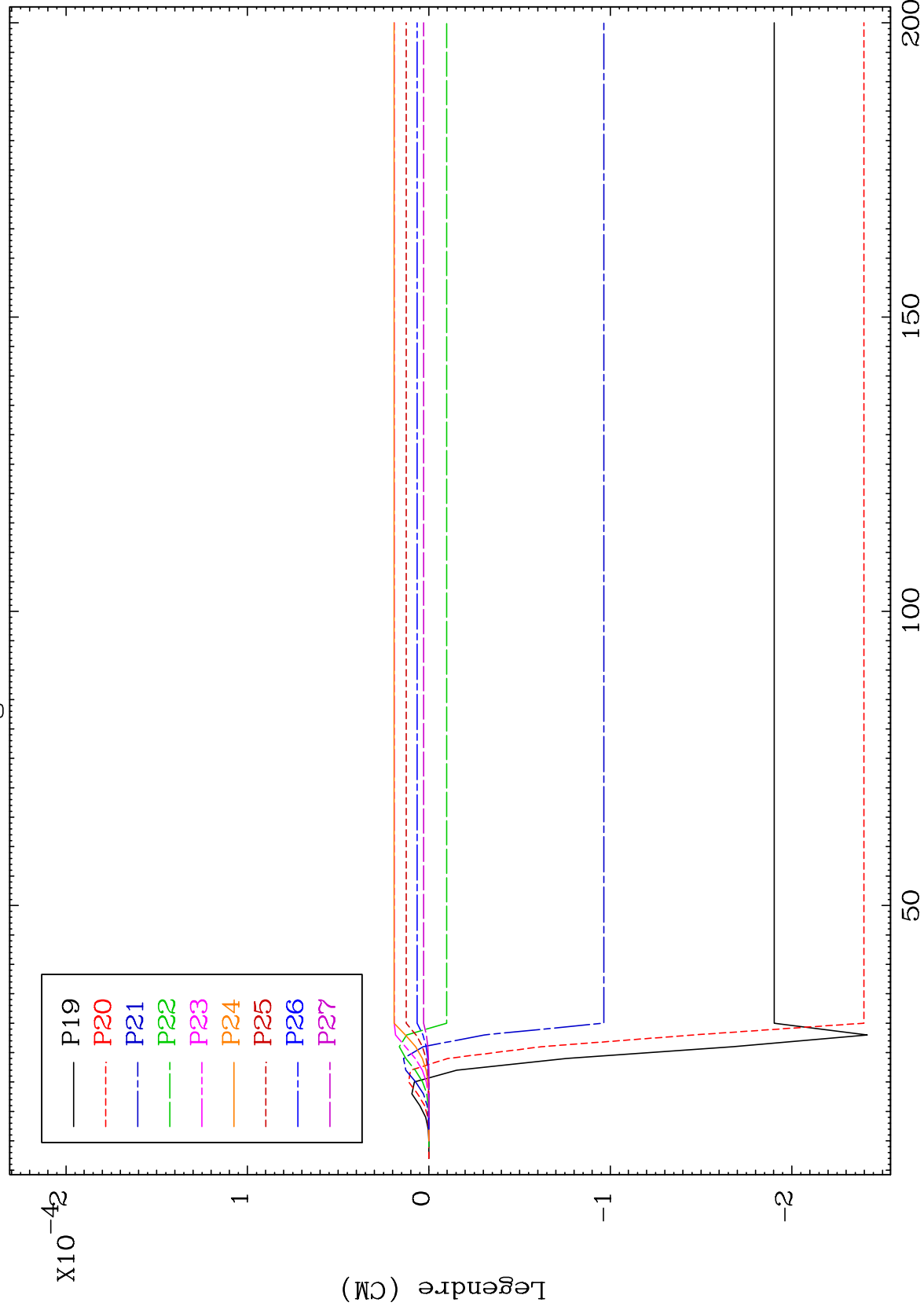
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



74

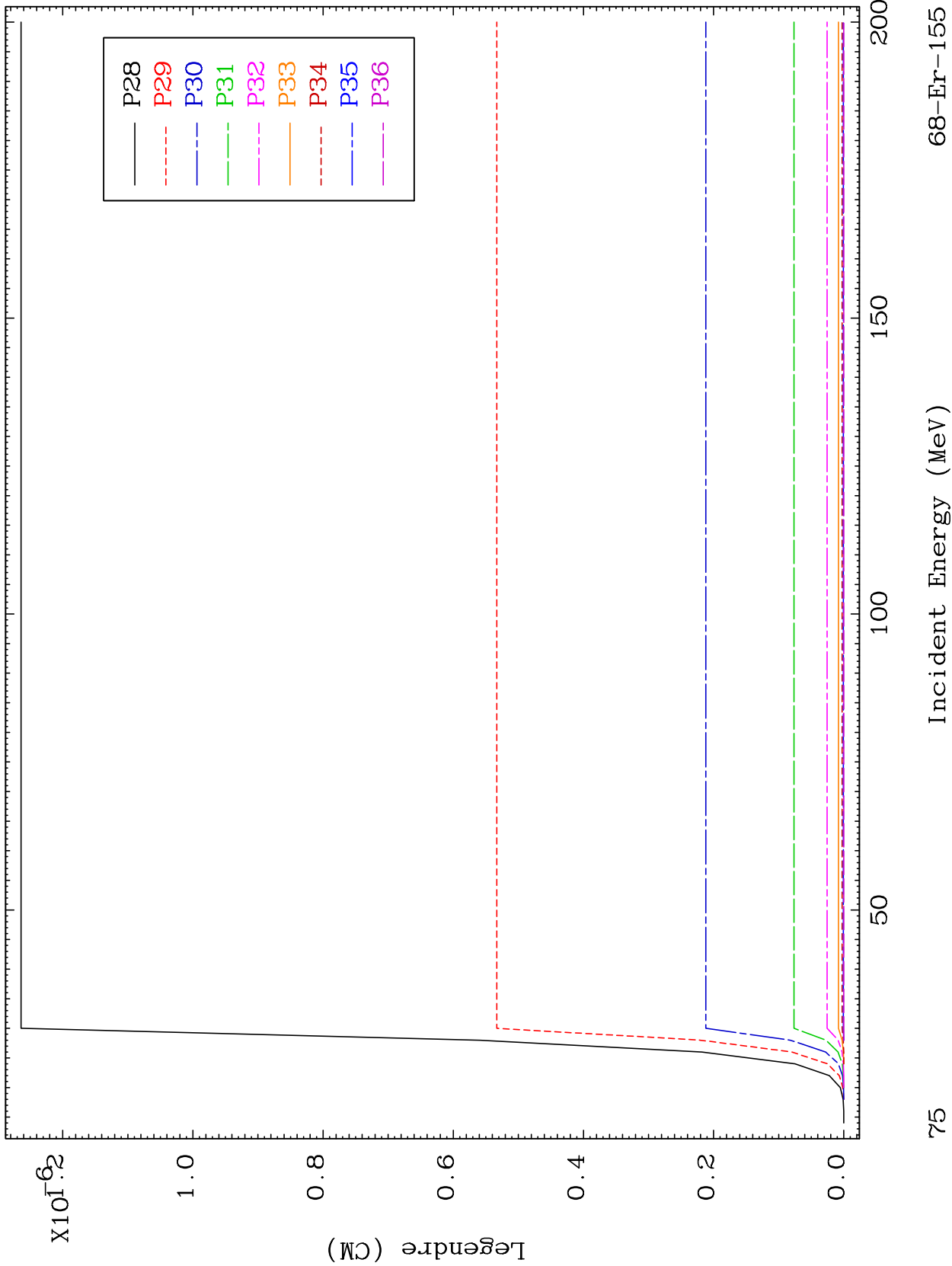
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



75

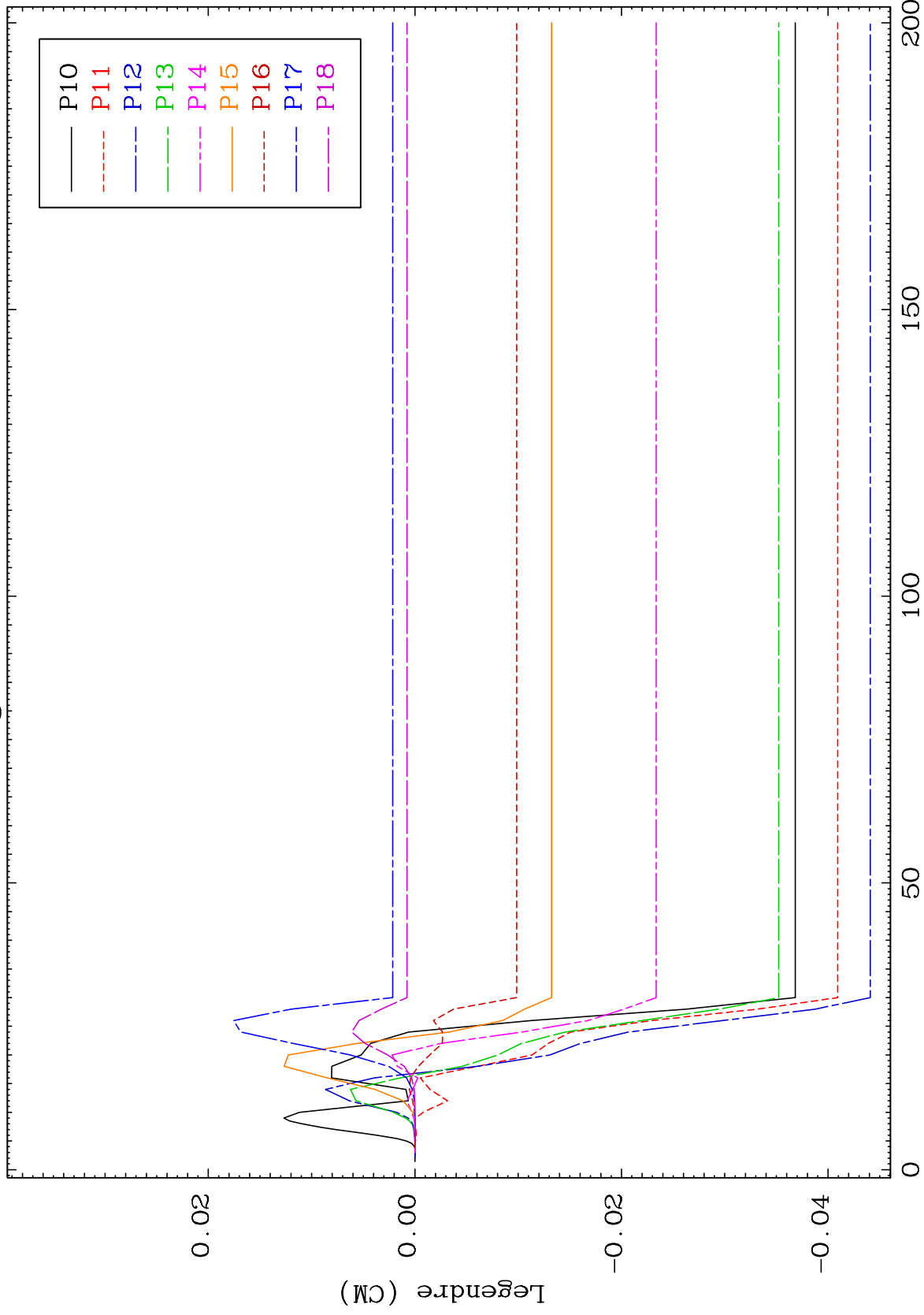
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



77

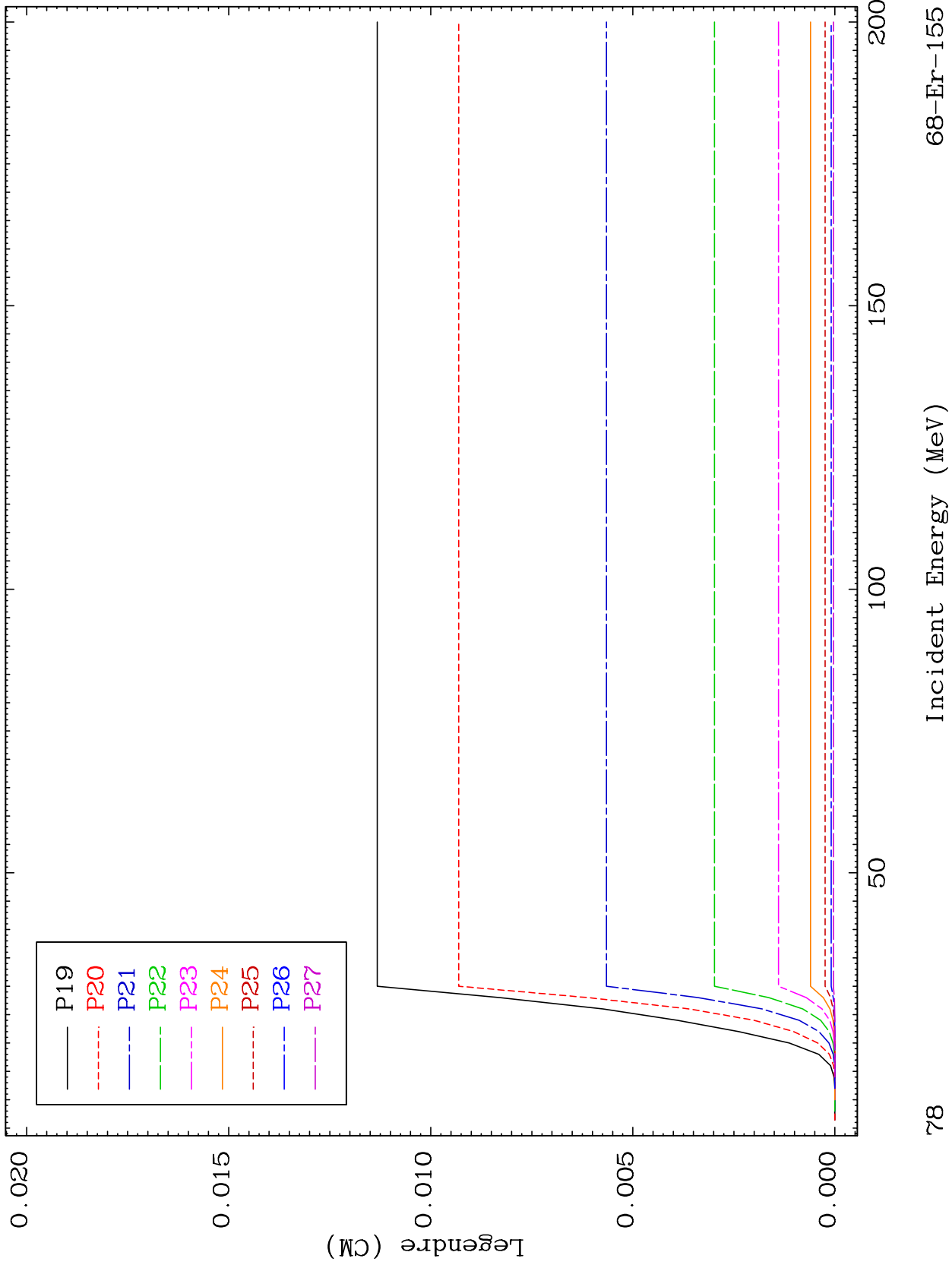
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155



78

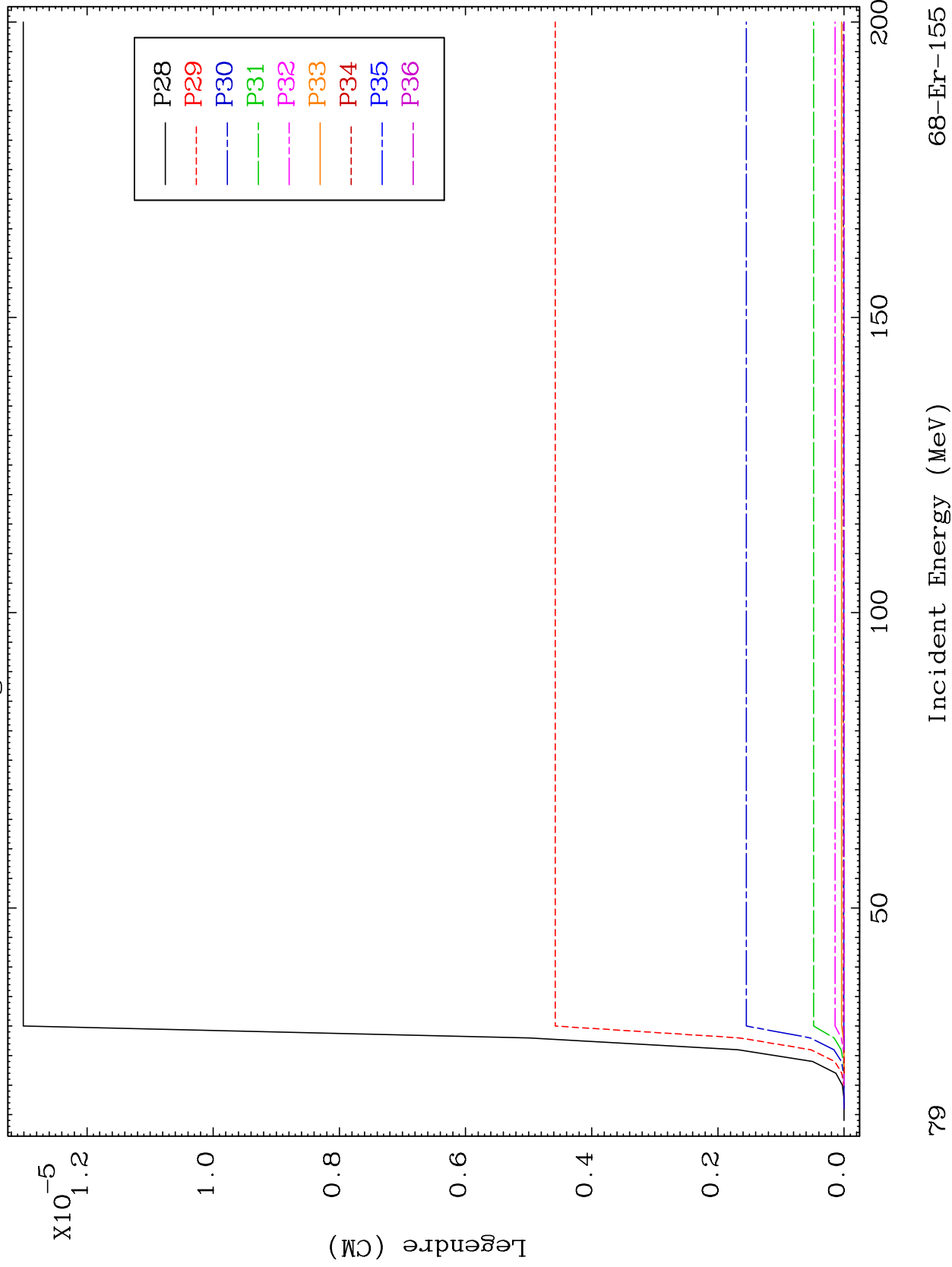
Incident Energy (MeV)

68-Er-155

MAT 6804

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

68-Er-155

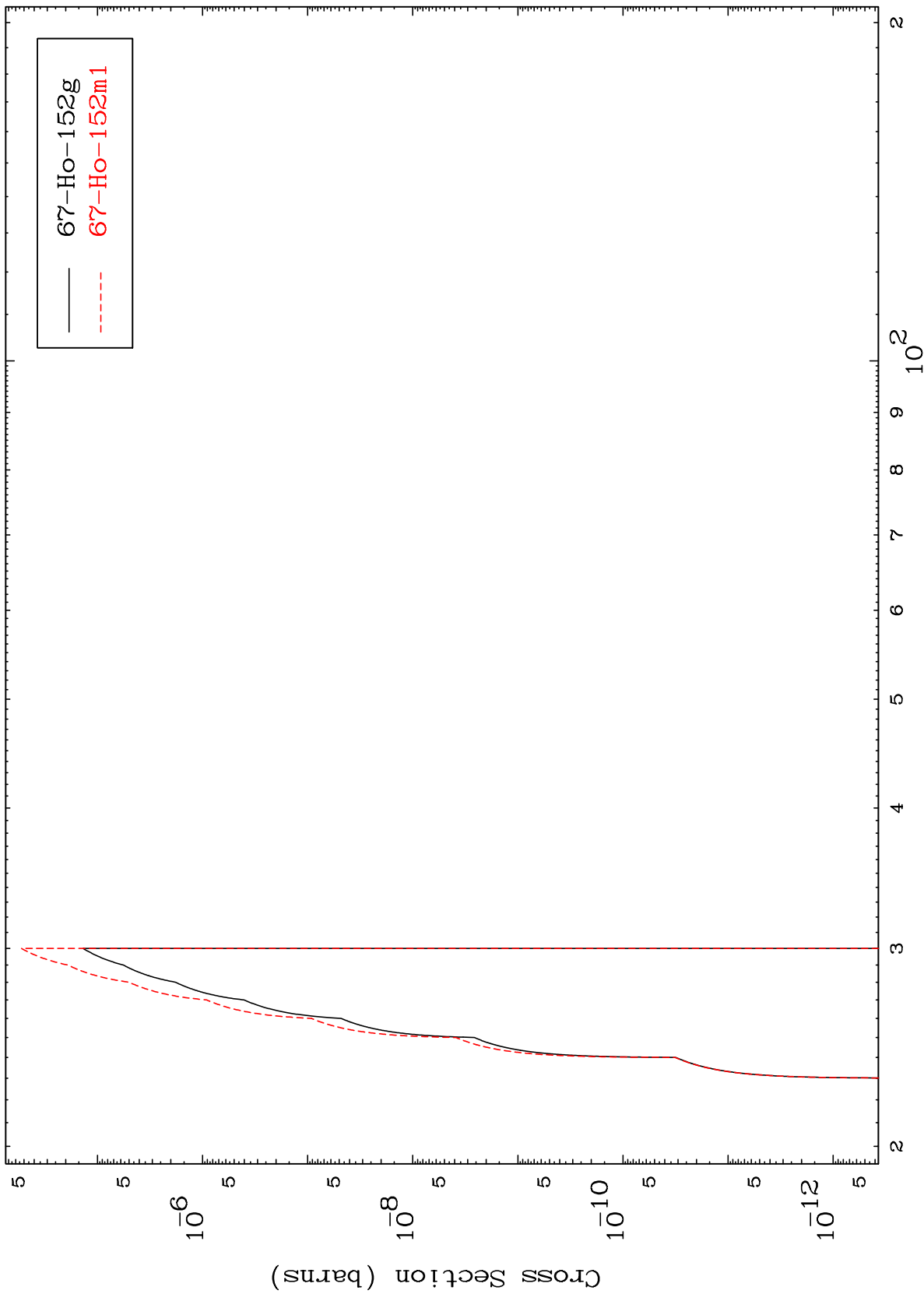


MAT 6804

(n,2n) d

68-Er-155

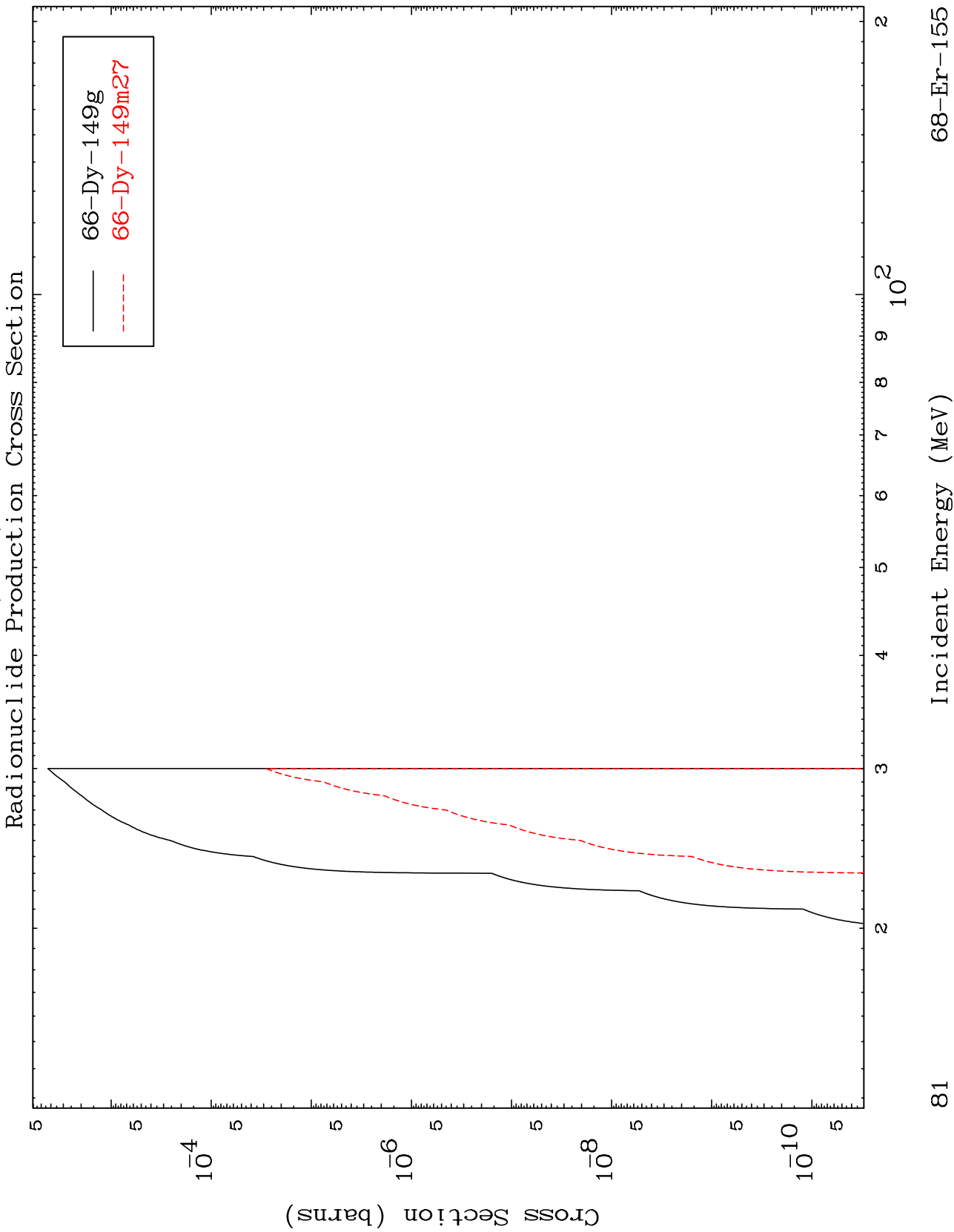
Radionuclide Production Cross Section



80

Incident Energy (MeV)

68-Er-155

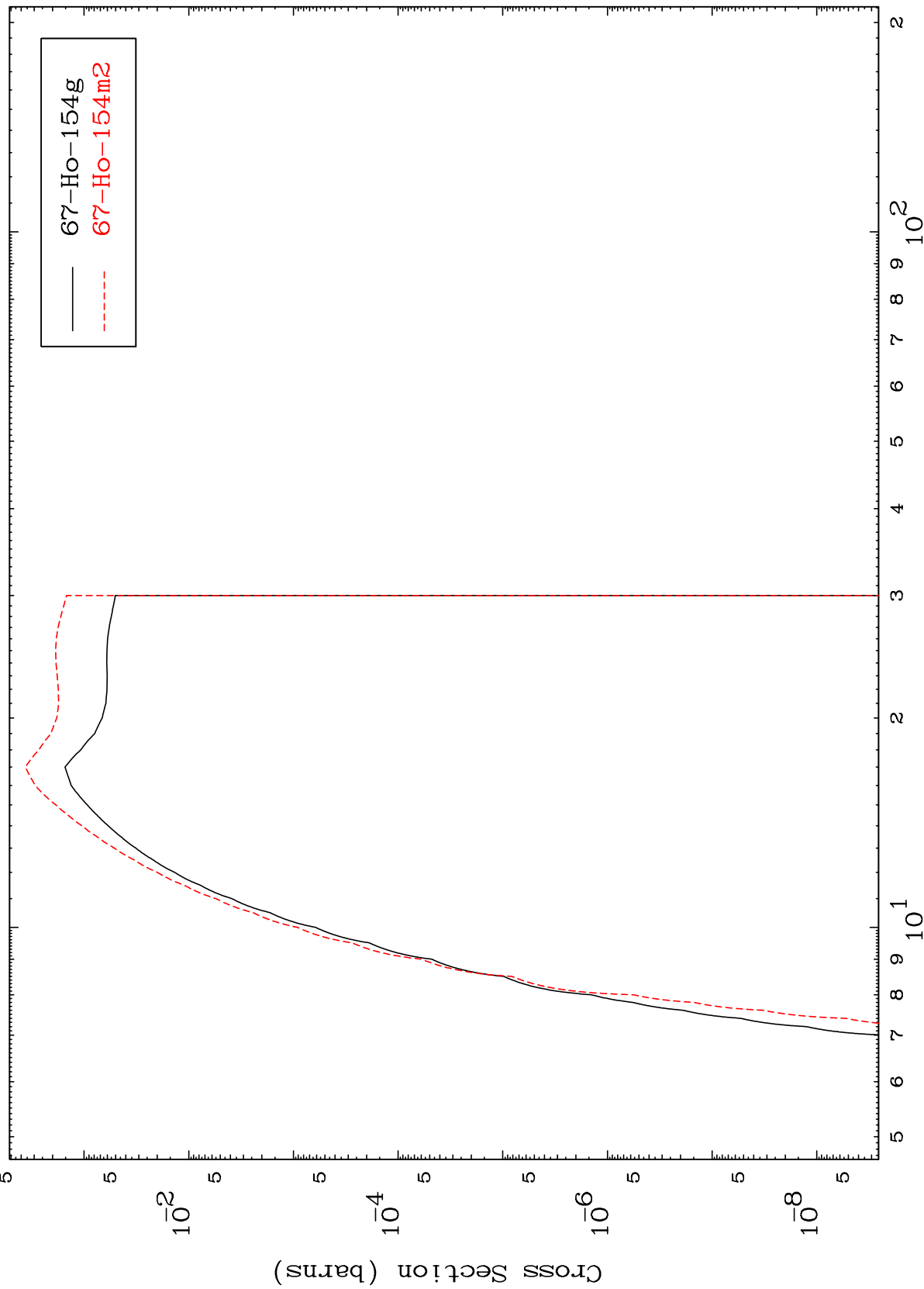


MAT 6804

(n,n') p

68-Er-155

Radionuclide Production Cross Section



82

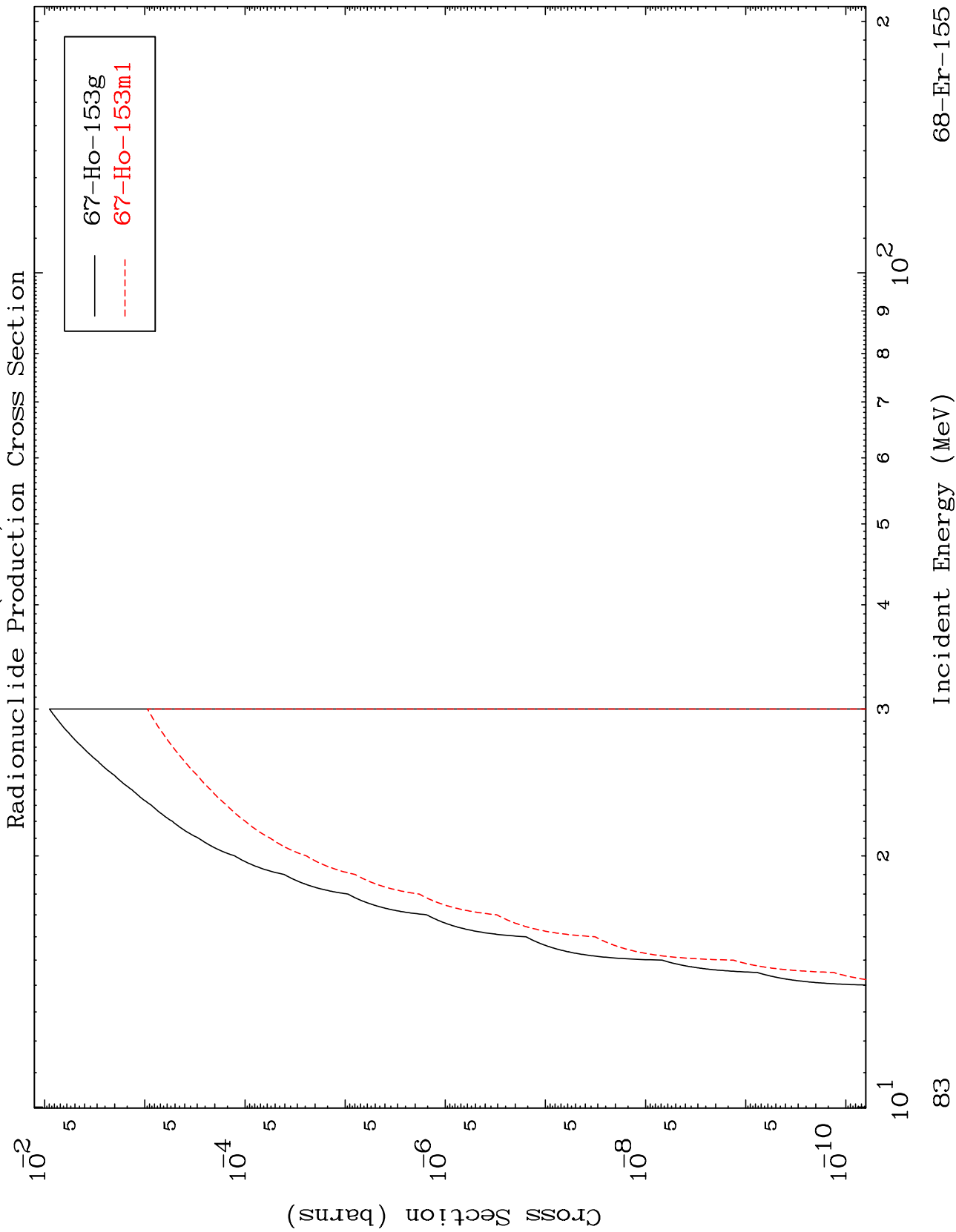
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,n') d

68-Er-155



68-Er-155

Incident Energy (MeV)

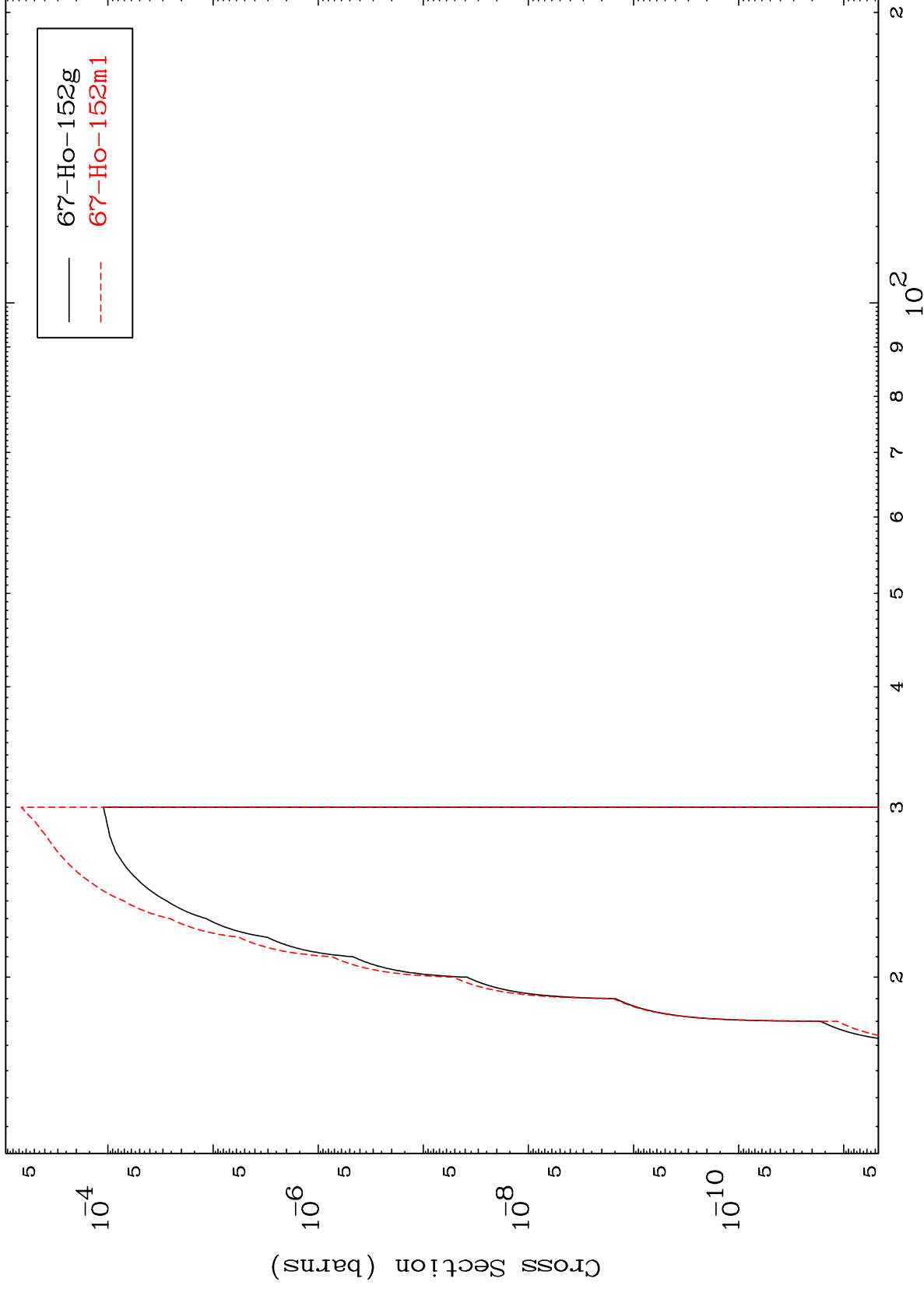
83

MAT 6804

(n,n') t

68-Er-155

Radionuclide Production Cross Section

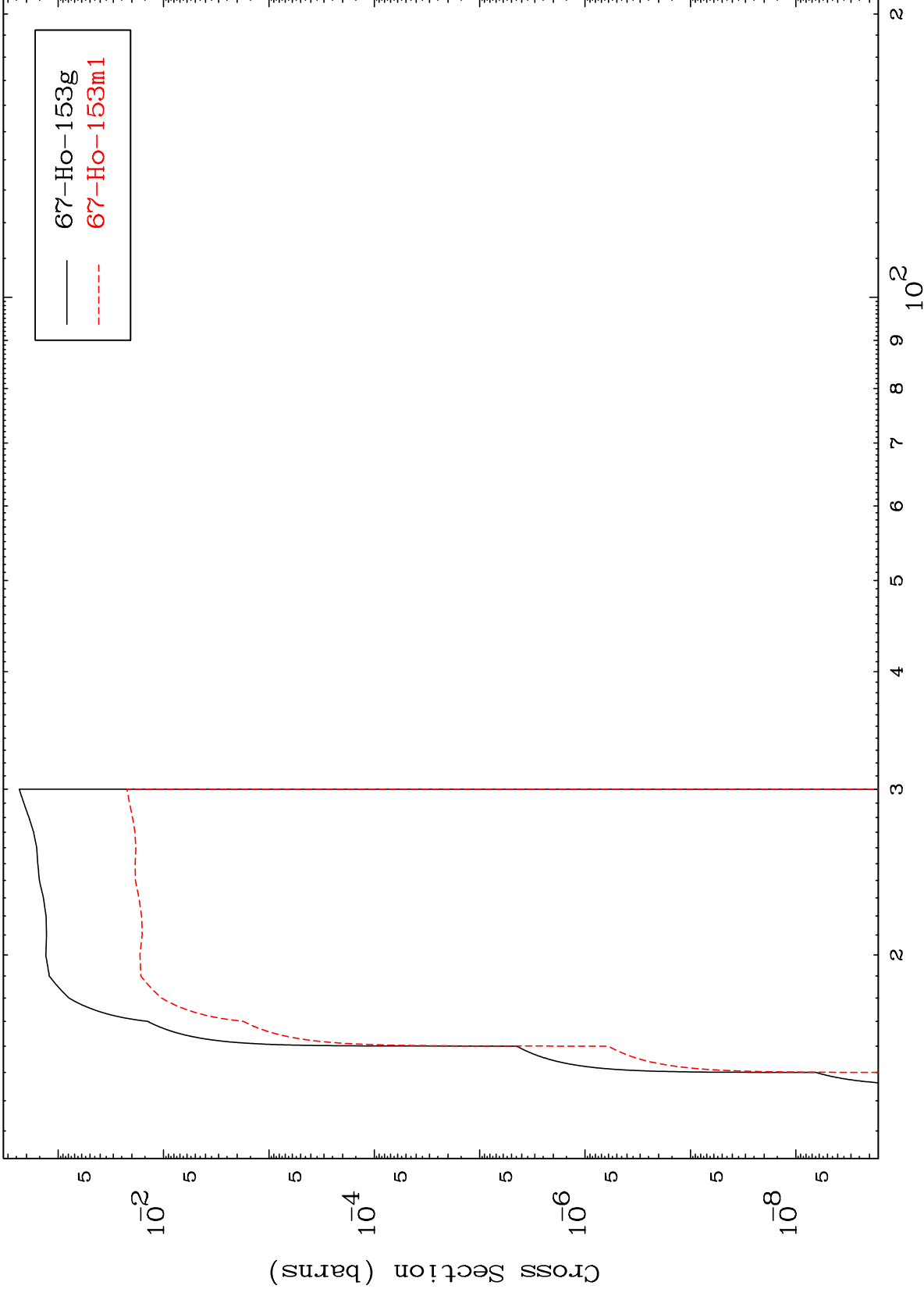


84

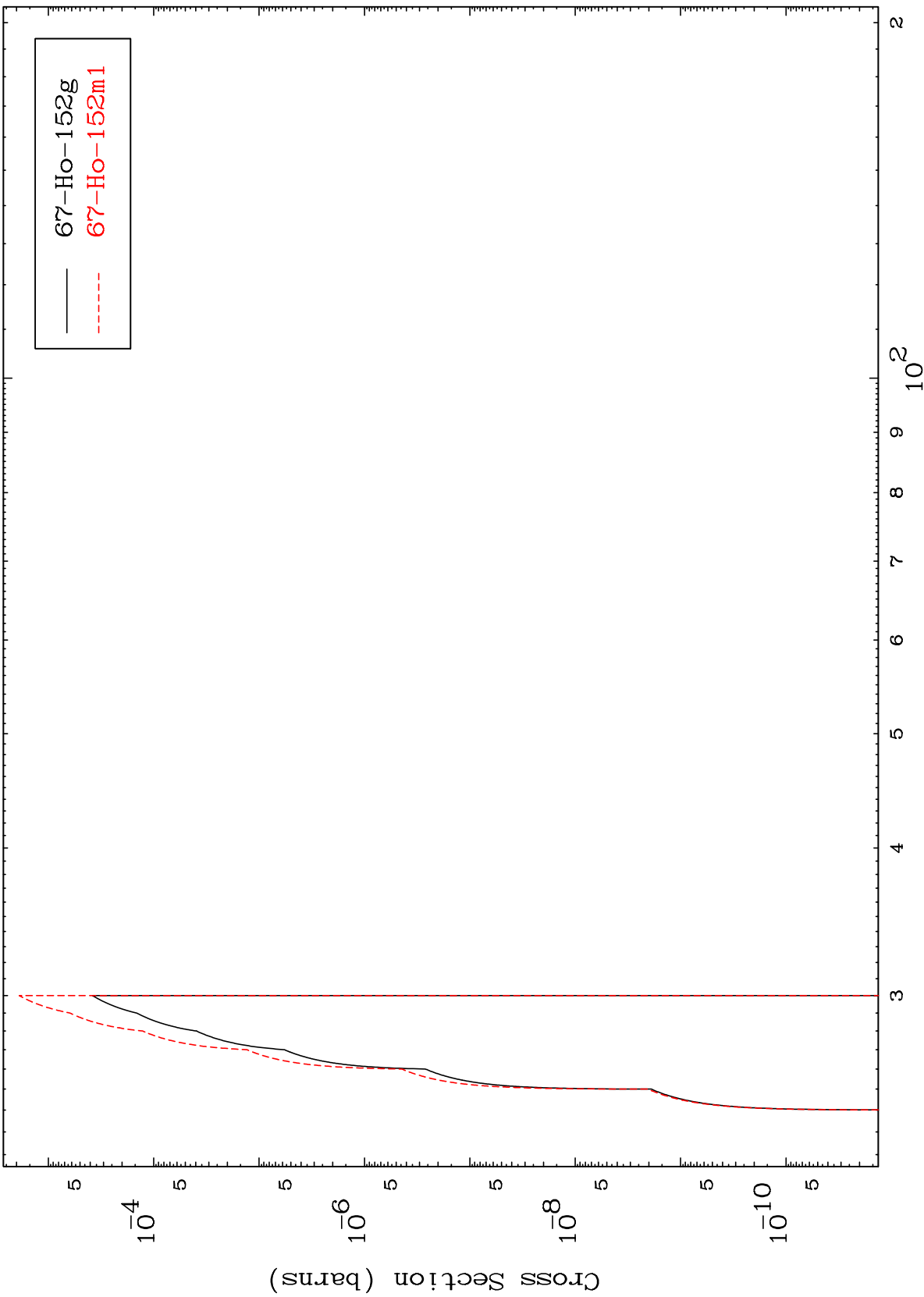
Incident Energy (MeV)

68-Er-155

Radionuclide Production Cross Section



Radionuclide Production Cross Section

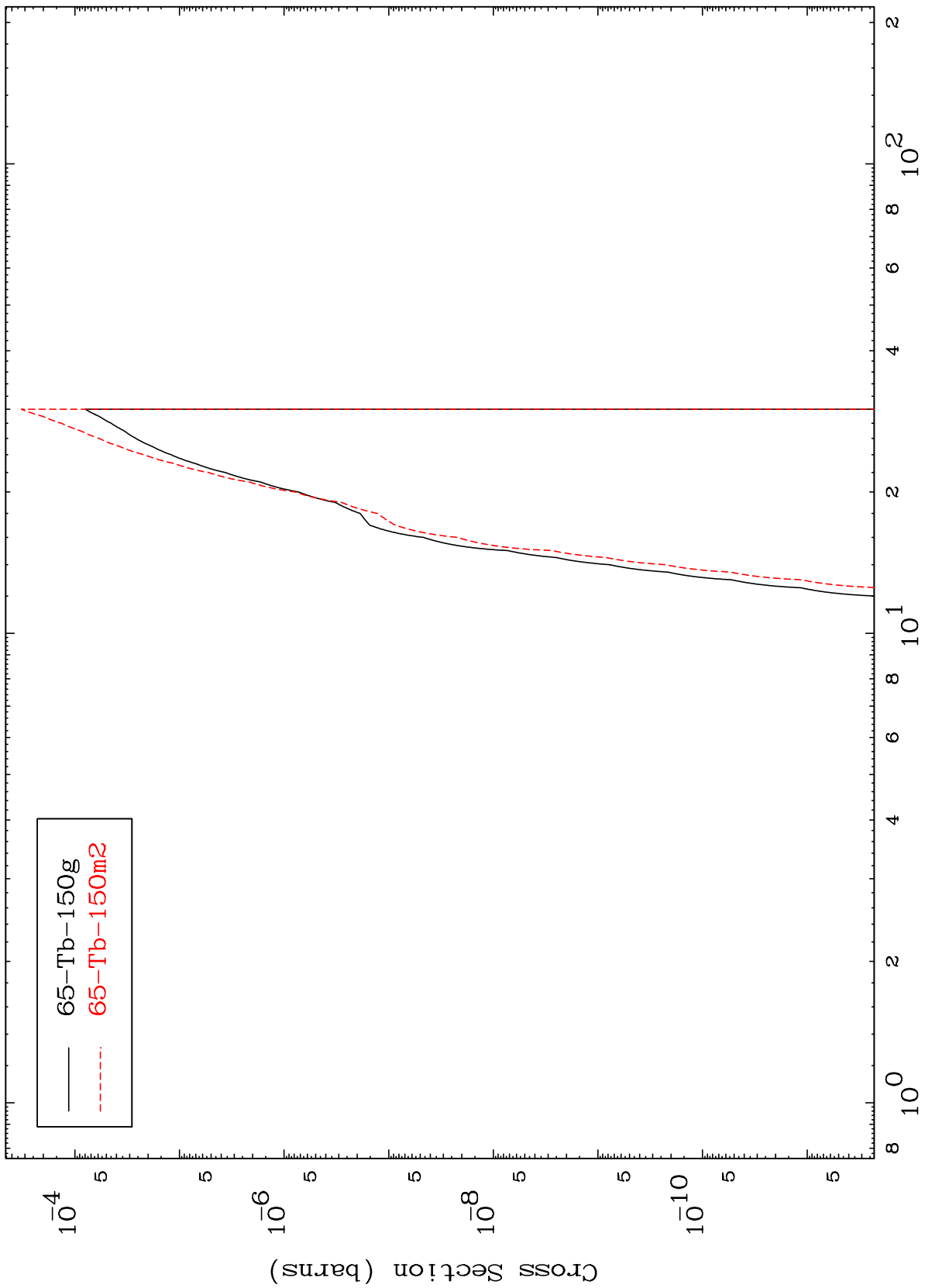


MAT 6804

(n,n') p α

68-Er-155

Radionuclide Production Cross Section



— 65-Tb-150g
- - - 65-Tb-150m2

87

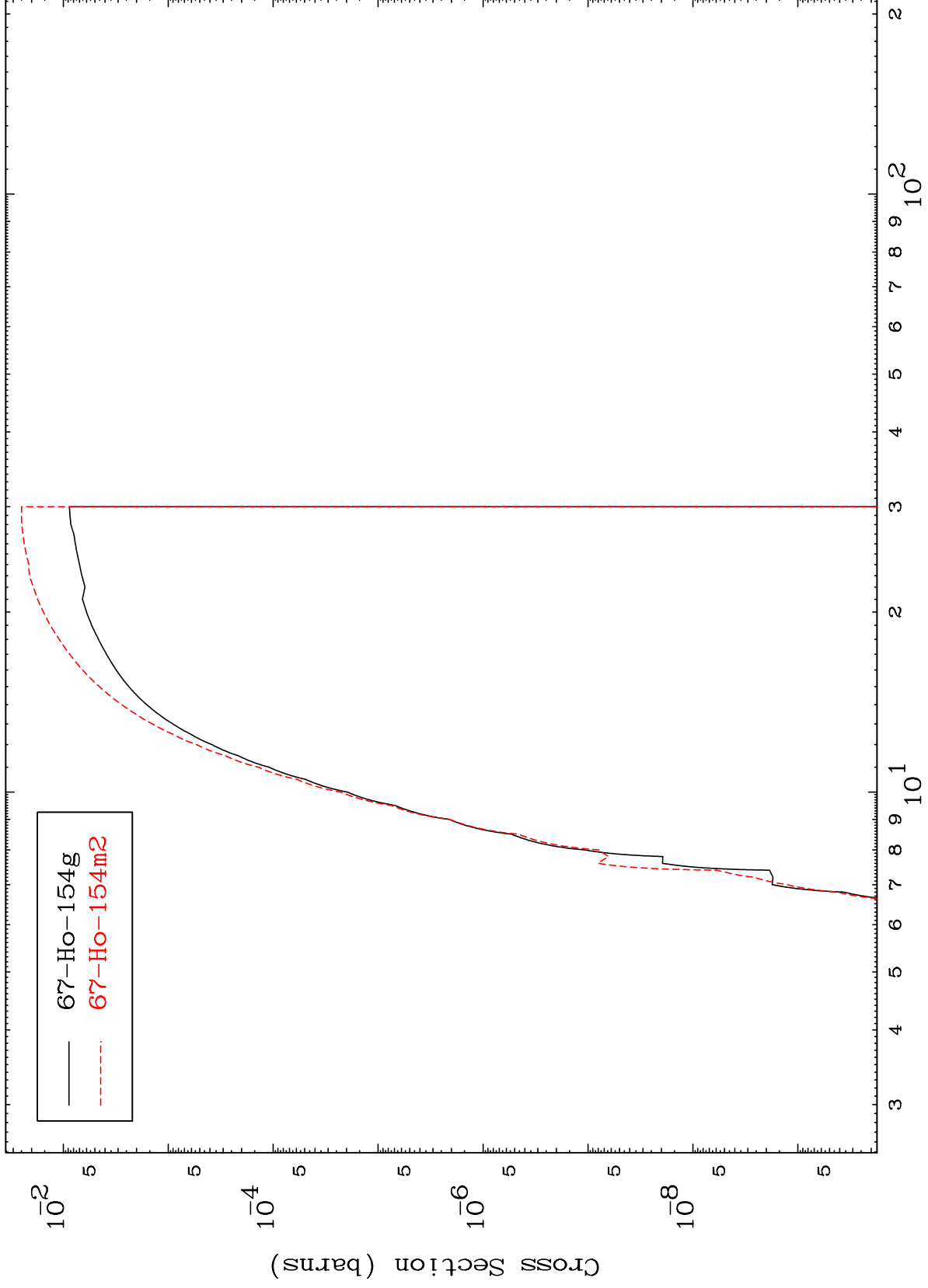
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n,d)
Radionuclide Production Cross Section



88

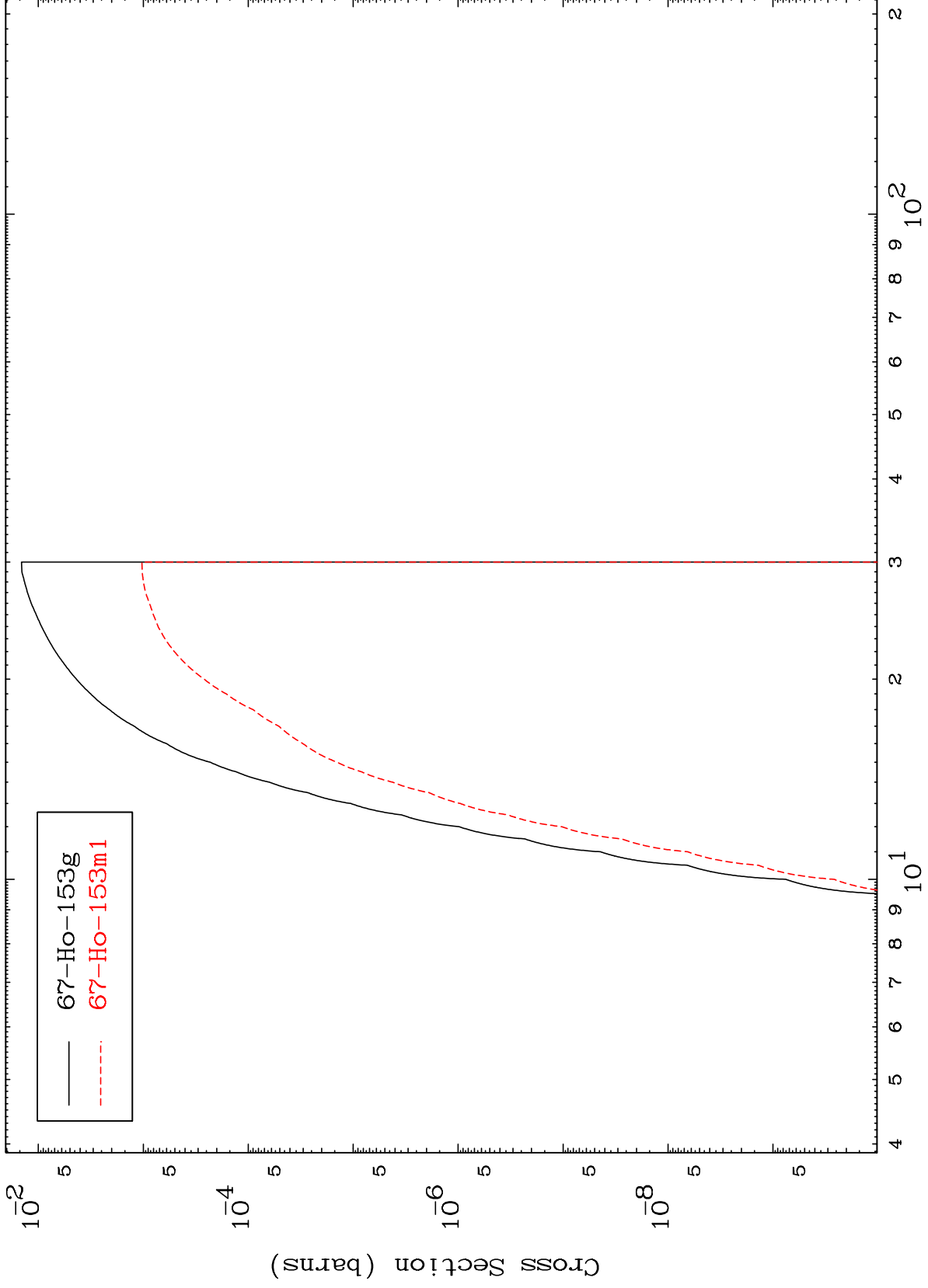
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n, t)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

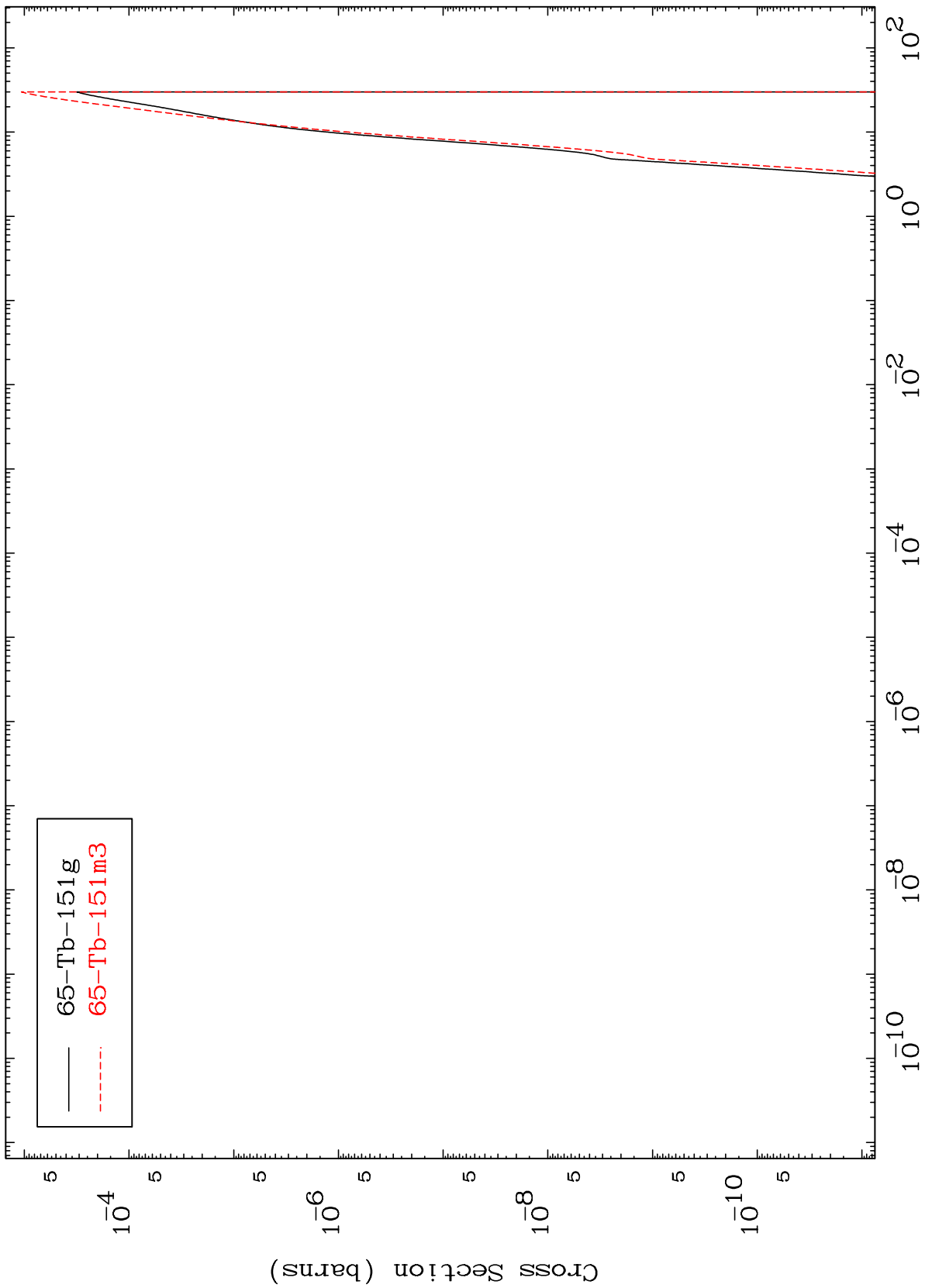
68-Er-155

MAT 6804

(n,p) α

68-Er-155

Radionuclide Production Cross Section



65-Tb-151g
65-Tb-151m3

MAT 6804

(n,d) α

68-Er-155

Radionuclide Production Cross Section

