

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

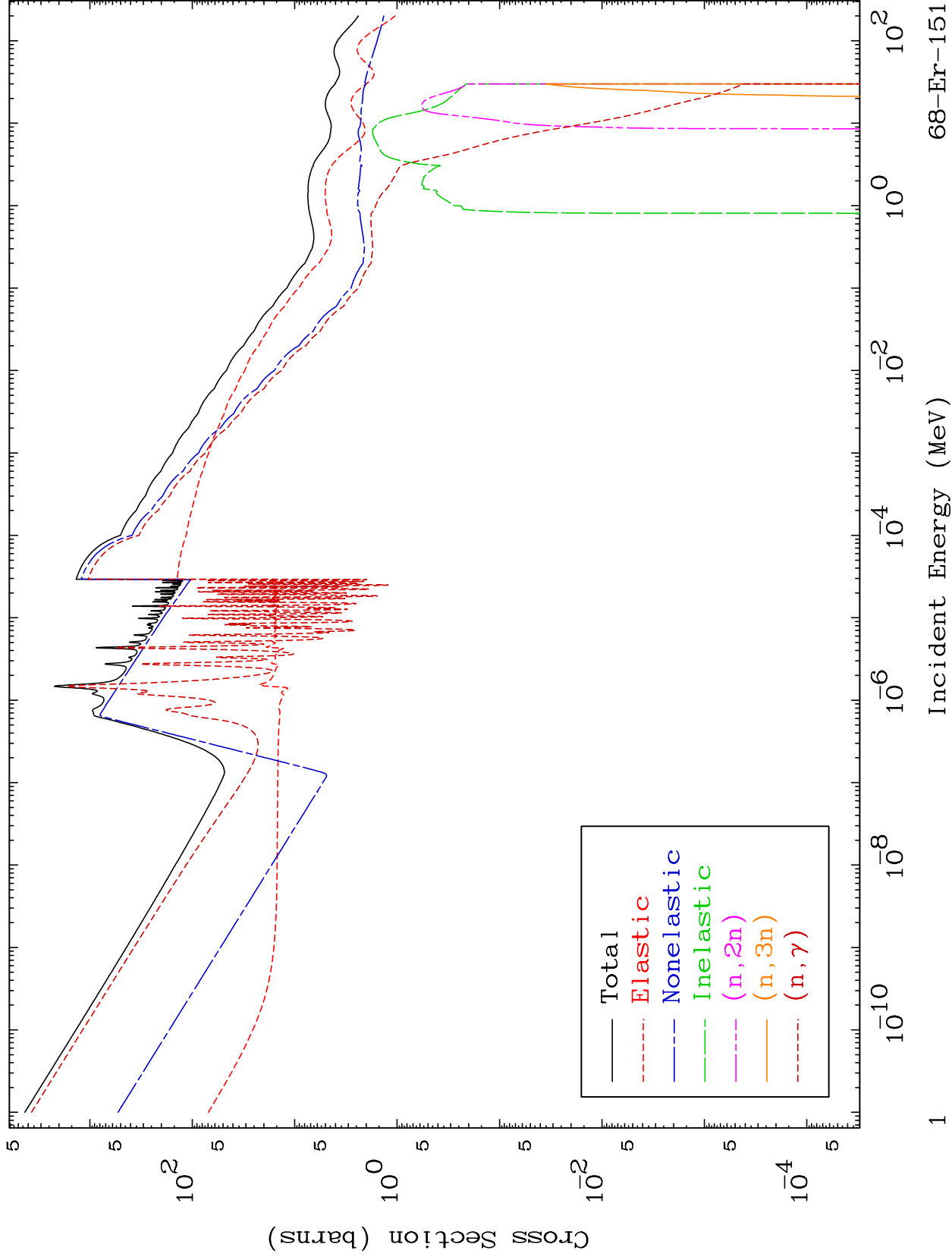
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6792

Neutron Major
293 Kelvin Cross Sections

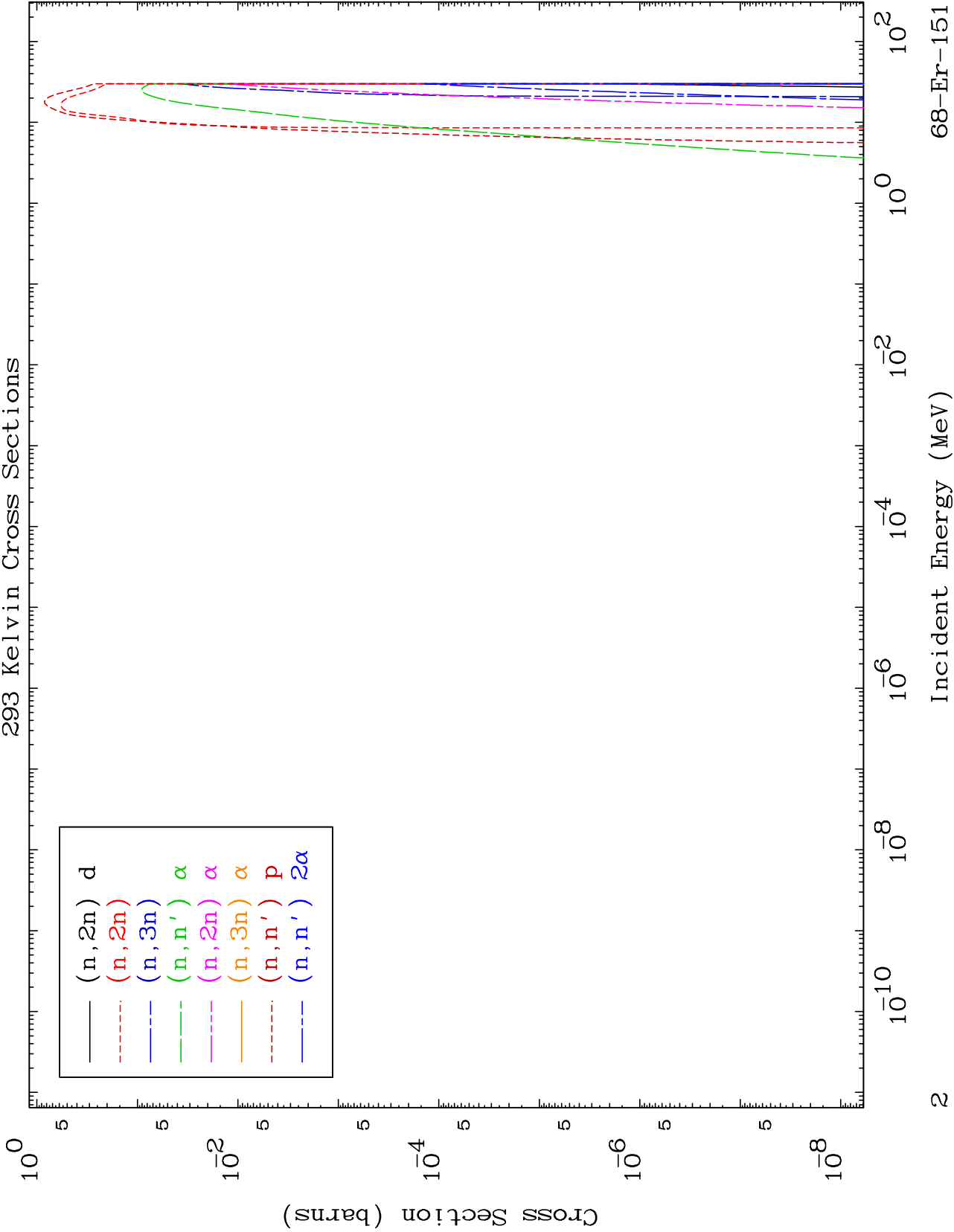
68-Er-151

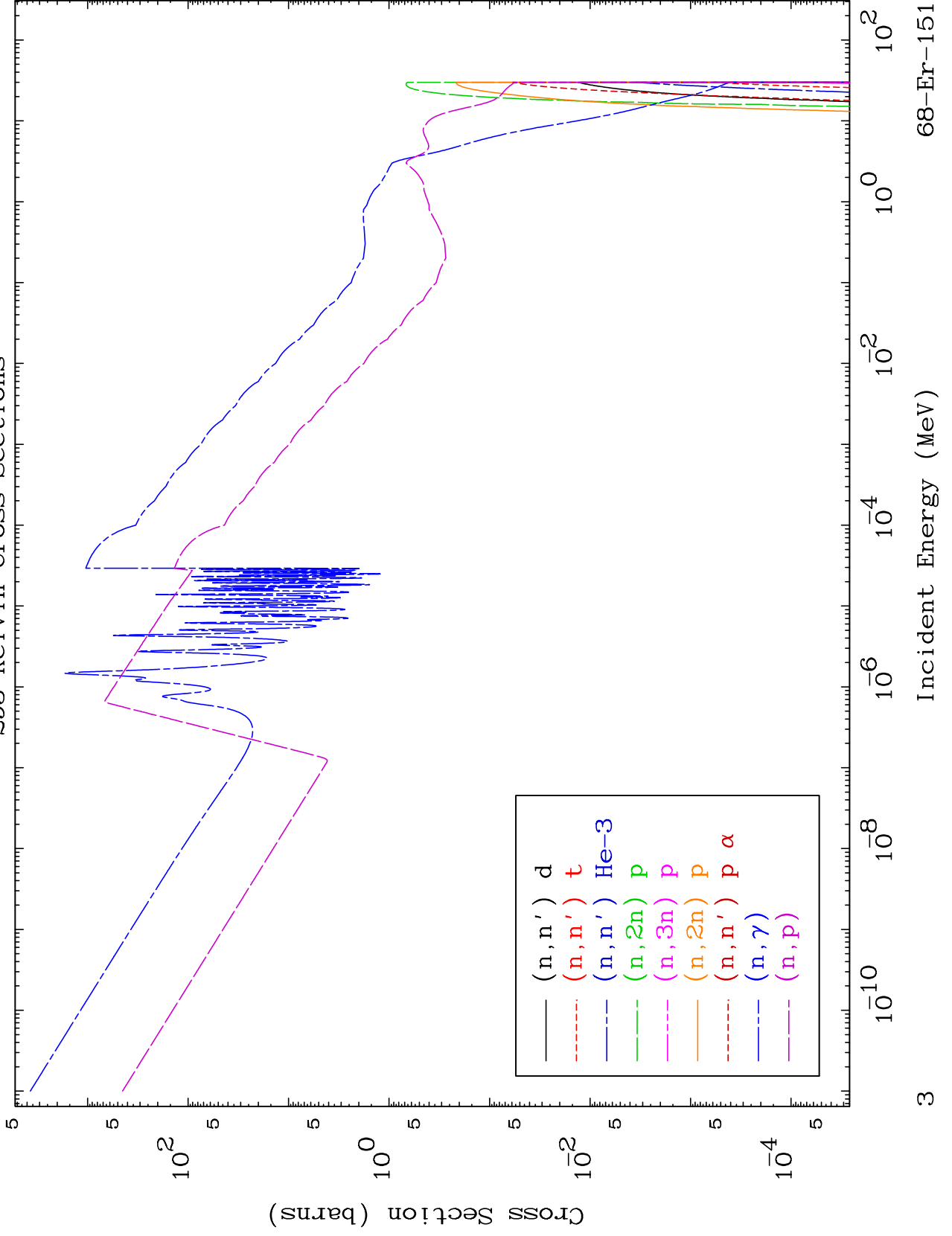


MAT 6792

Neutron Absorption
293 Kelvin Cross Sections

68-Er-151

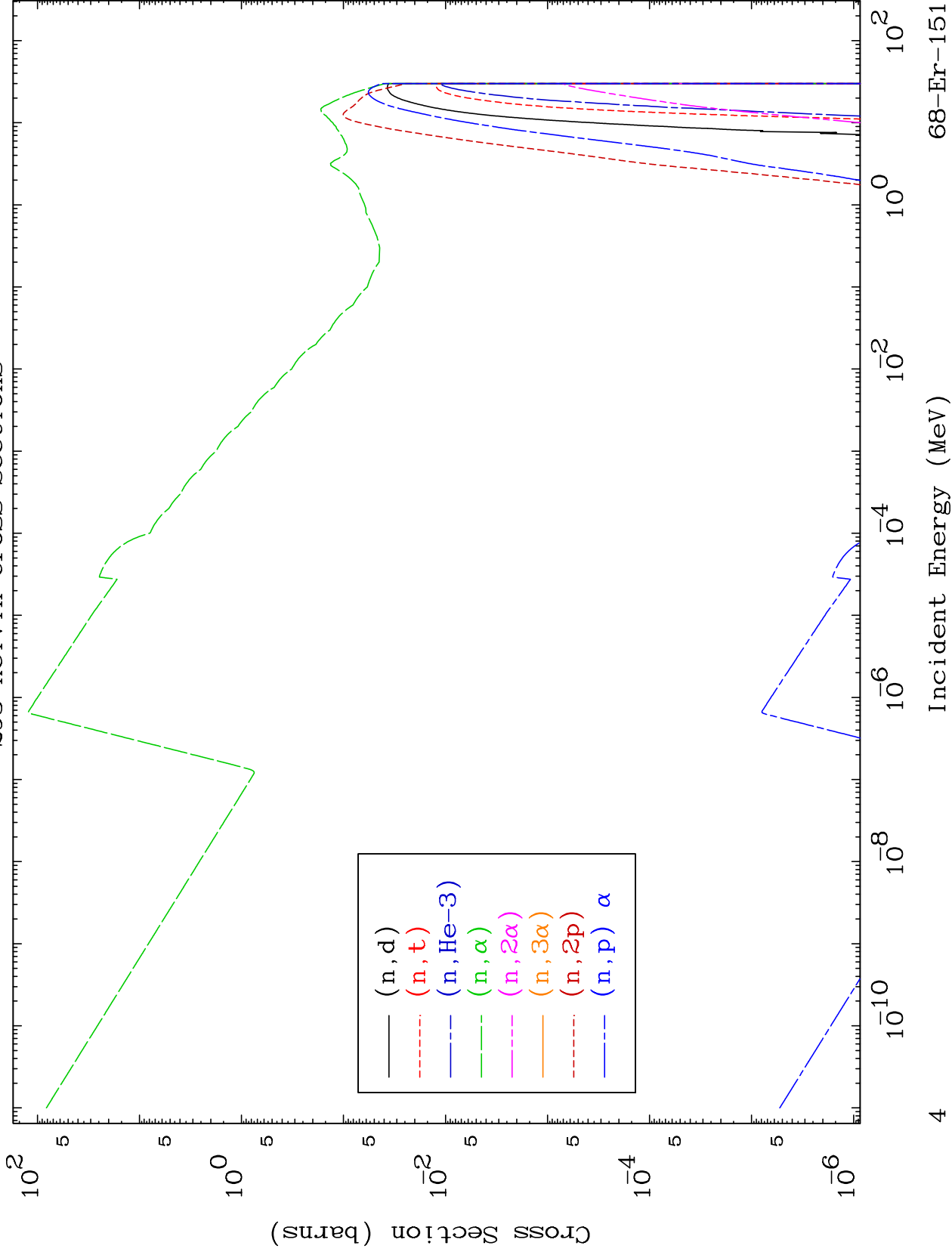


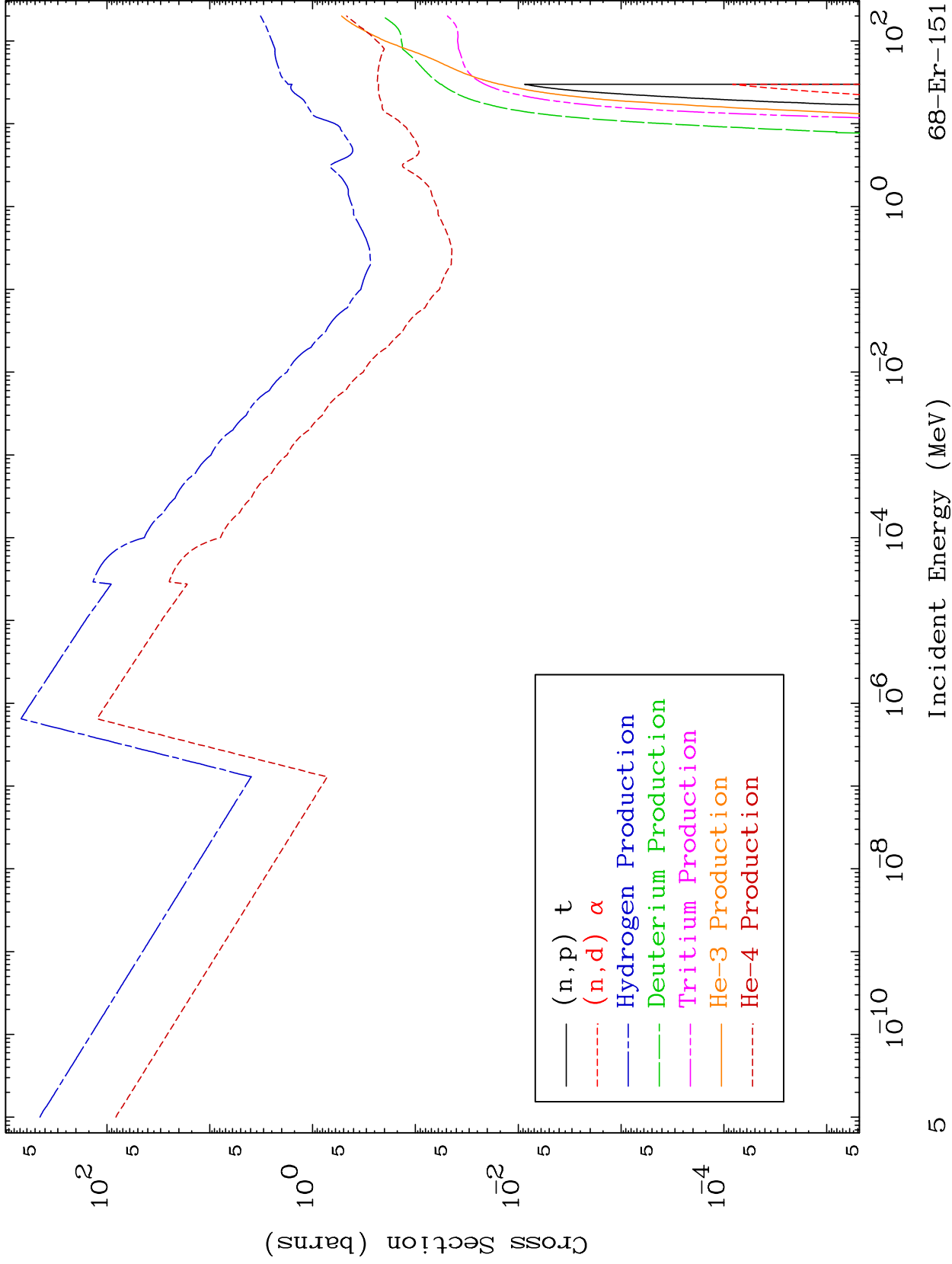


MAT 6792

Neutron Absorption
293 Kelvin Cross Sections

68-Er-151

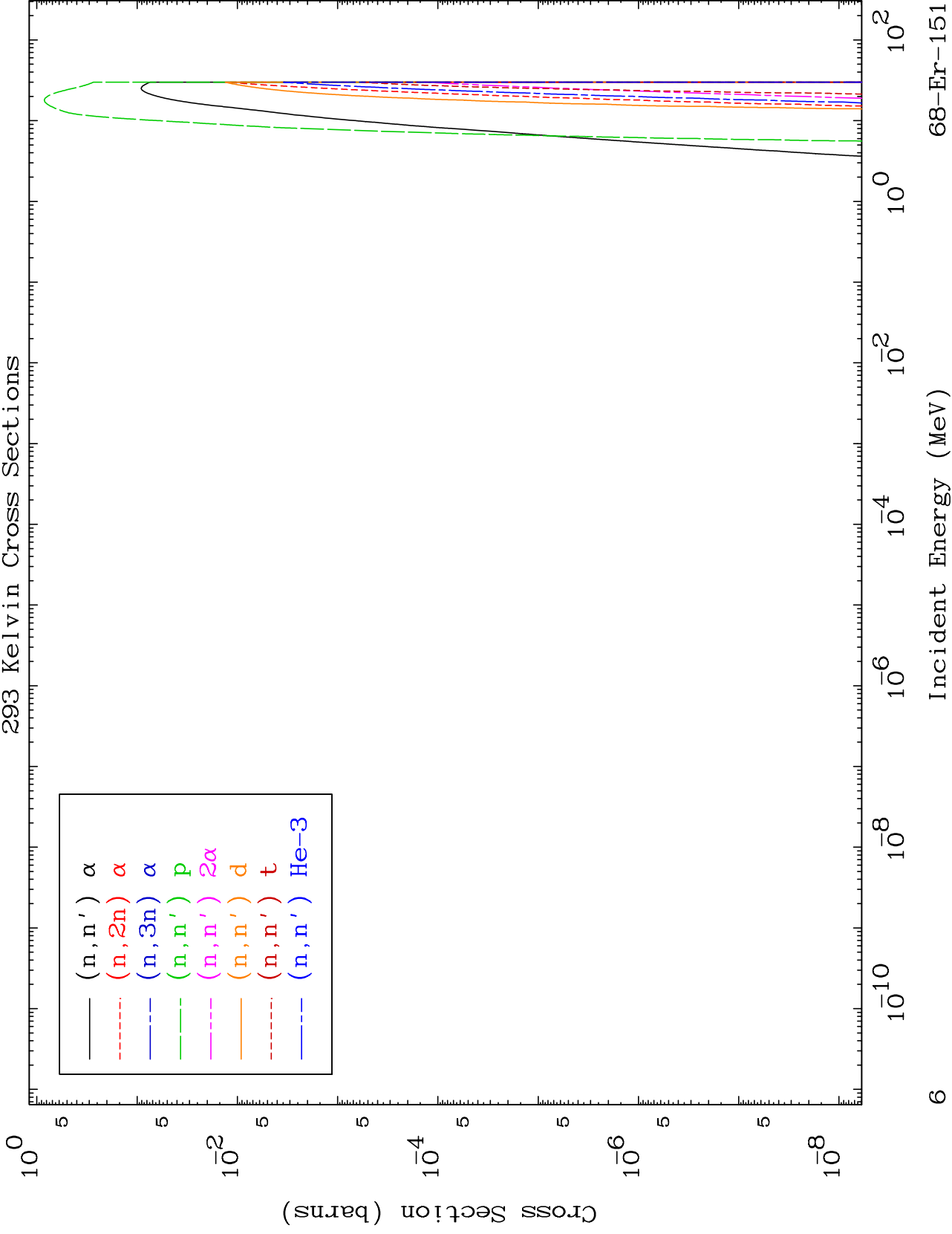




MAT 6792

Charged Particle
293 Kelvin Cross Sections

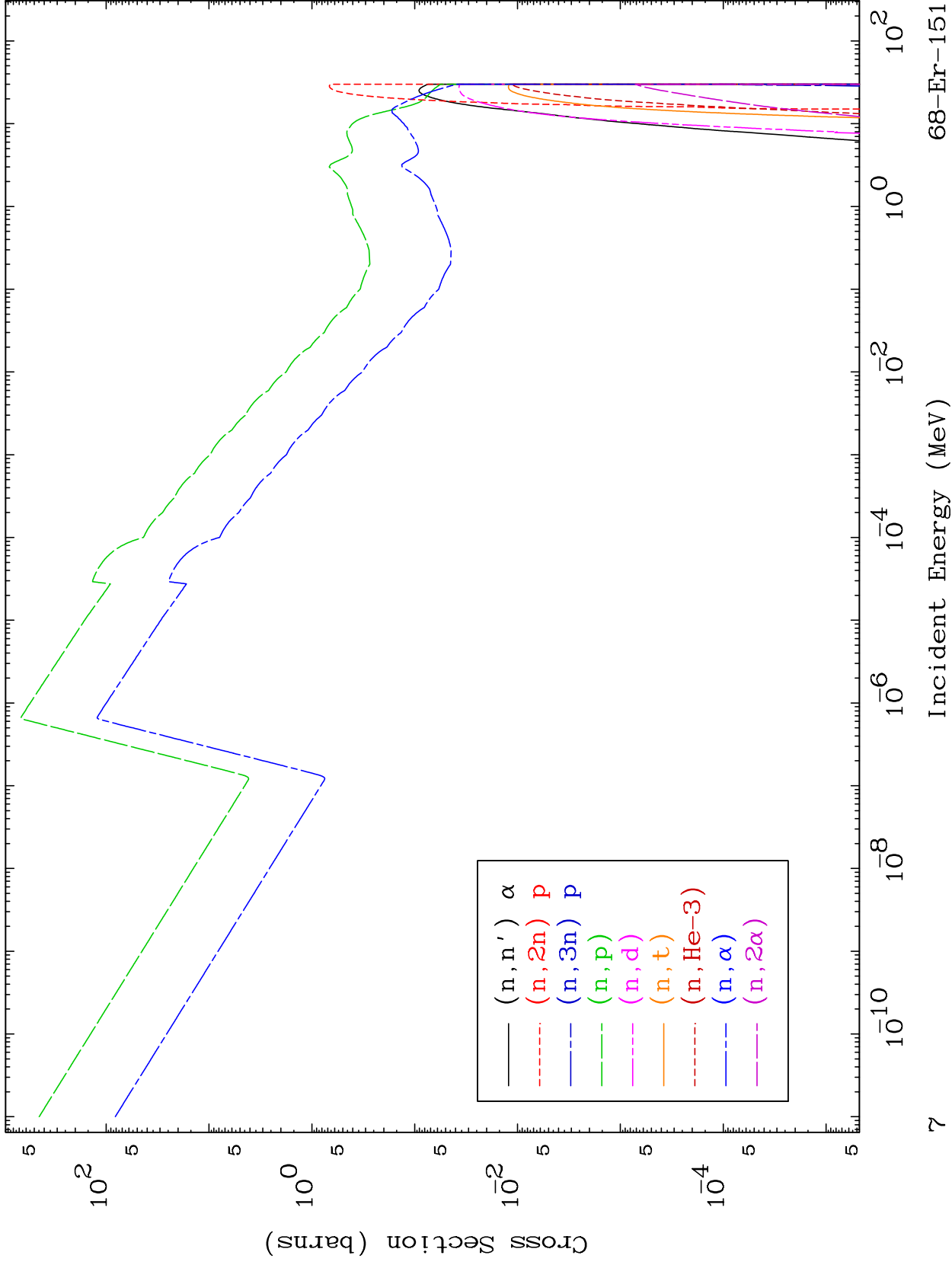
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MAT 6792

Charged Particle
293 Kelvin Cross Sections

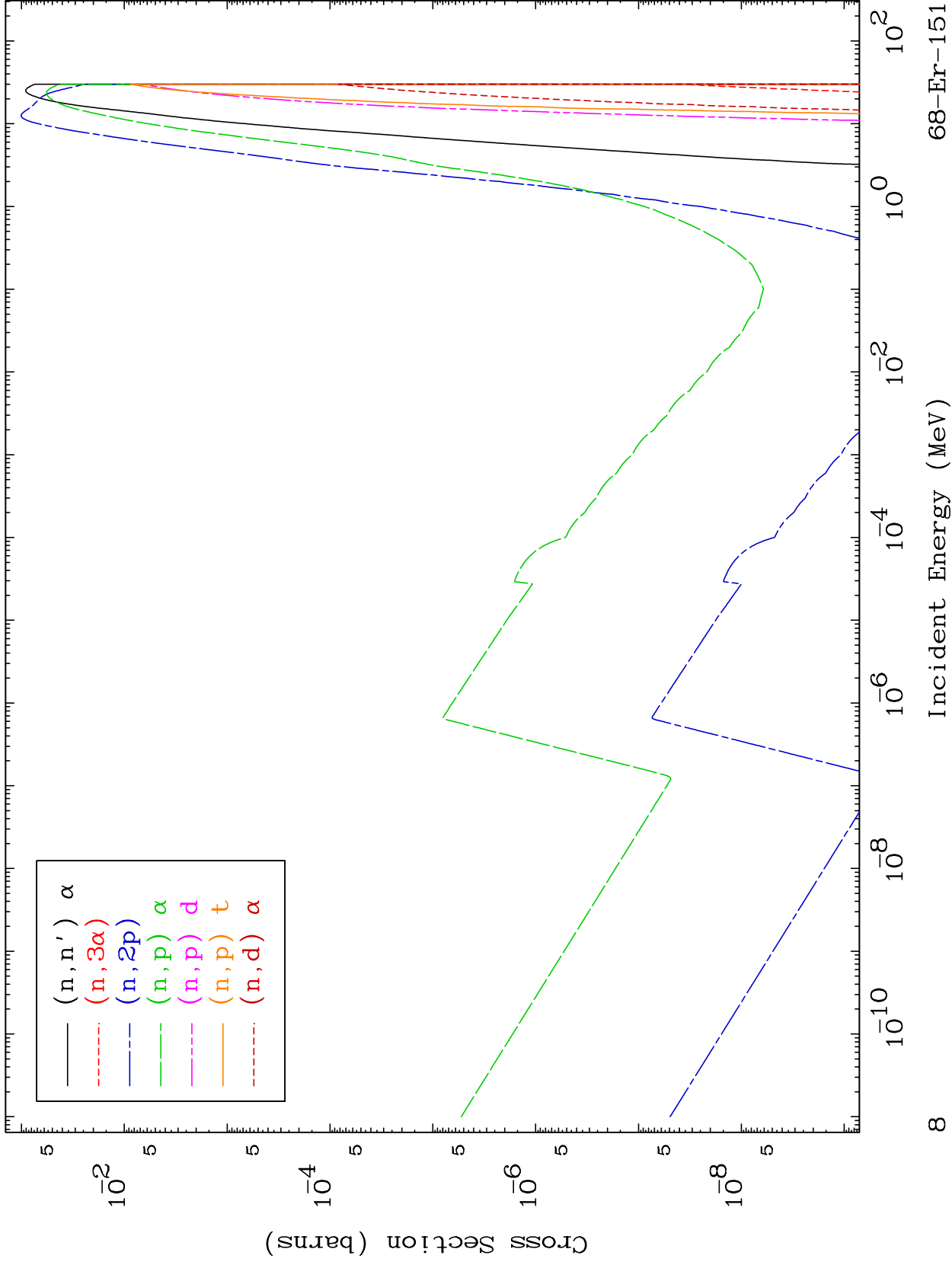
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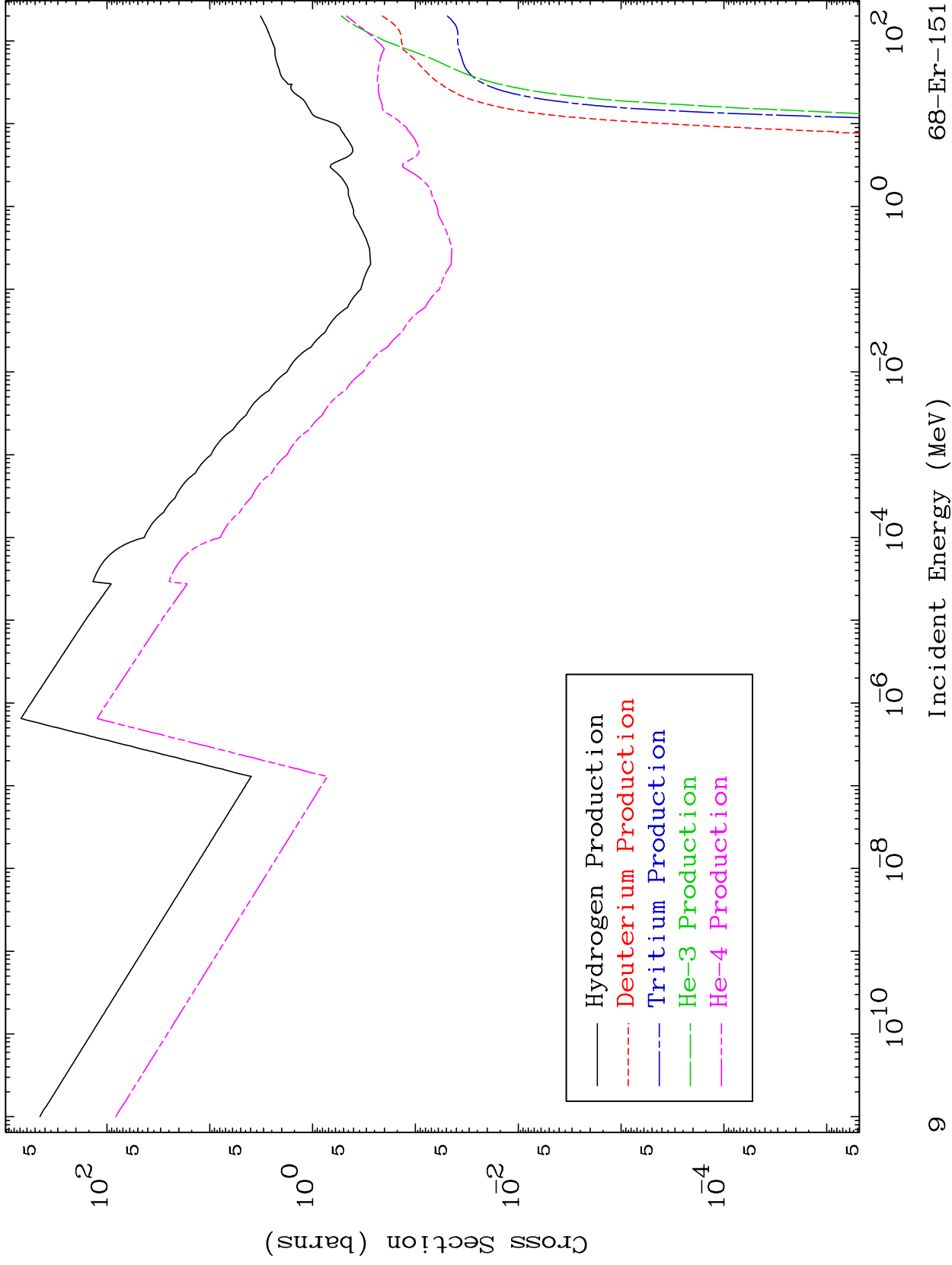


MAT 6792

Charged Particle
293 Kelvin Cross Sections

68-Er-151



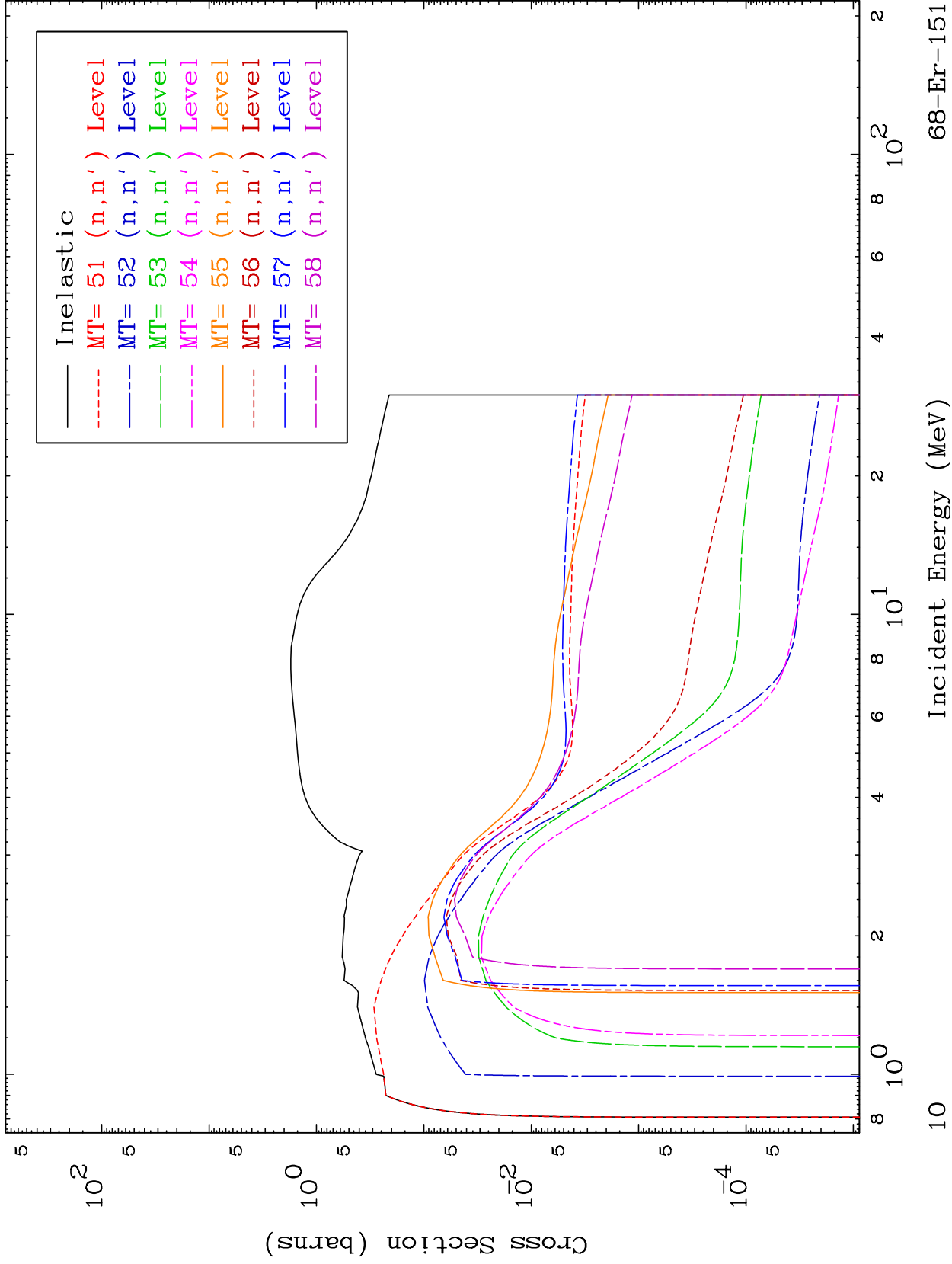


MAT 6792

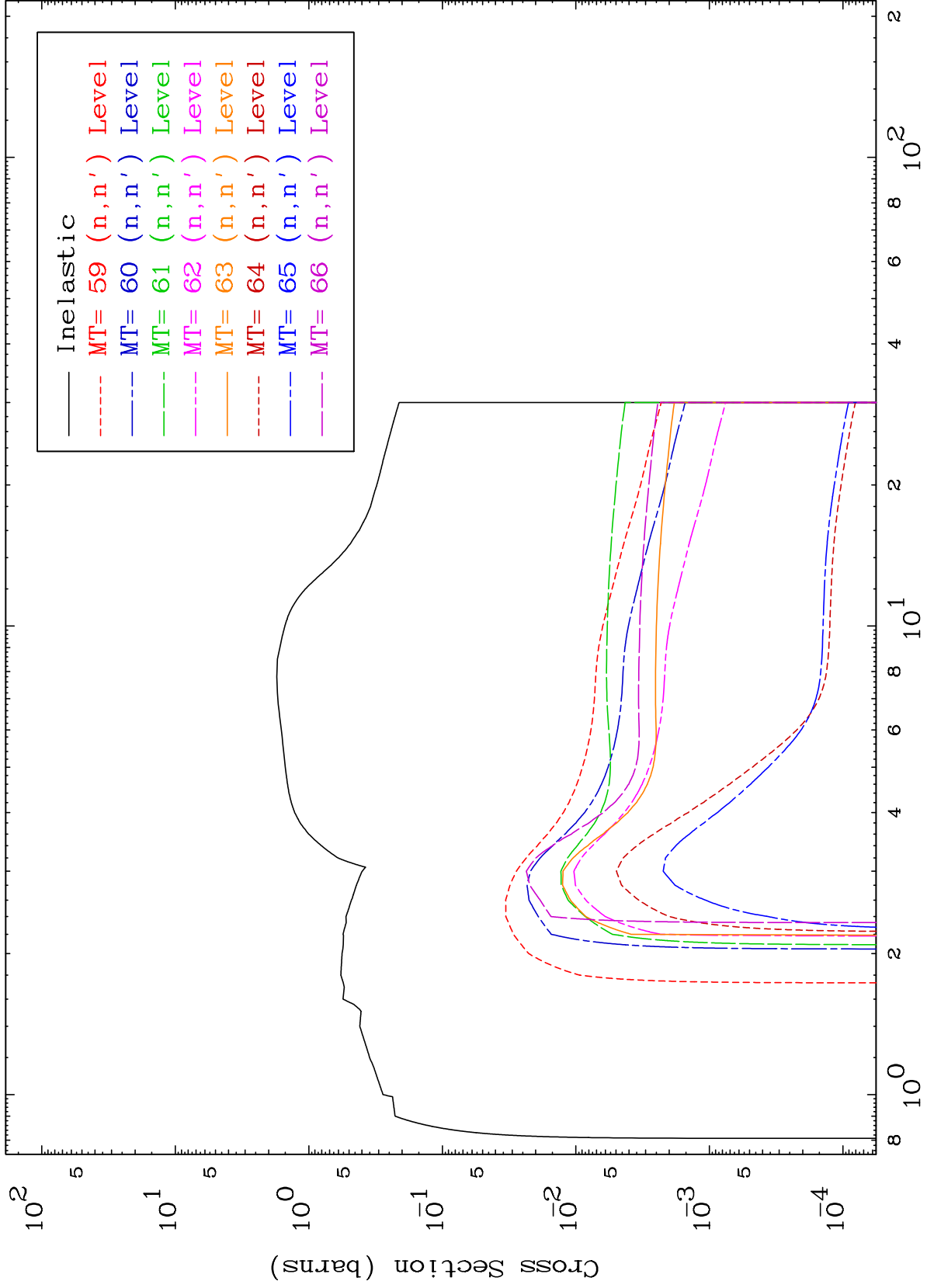
(n,n') Levels

68-Er-151

293 Kelvin Cross Sections



293 Kelvin Cross Sections

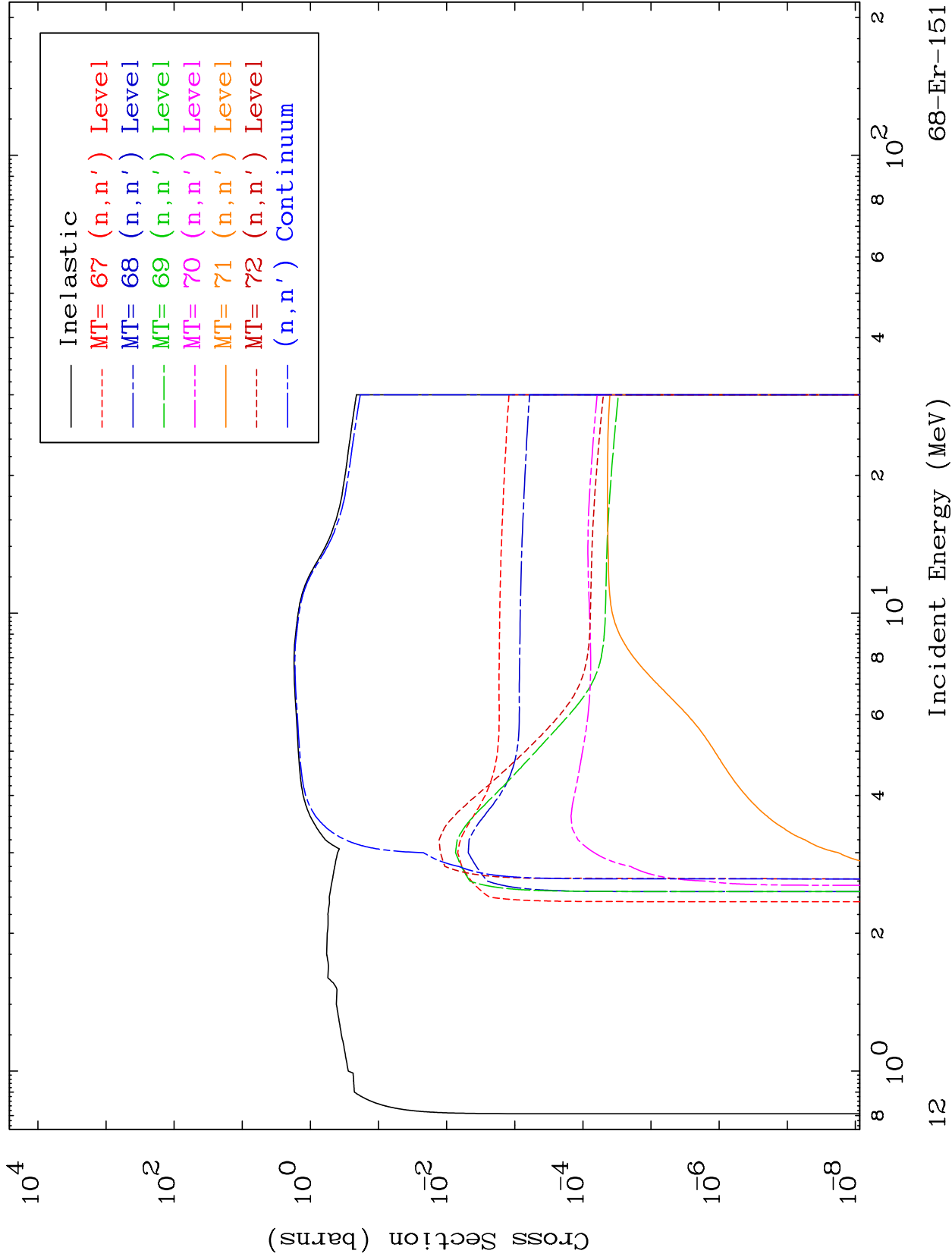


MAT 6792

(n,n') Levels

68-Er-151

293 Kelvin Cross Sections

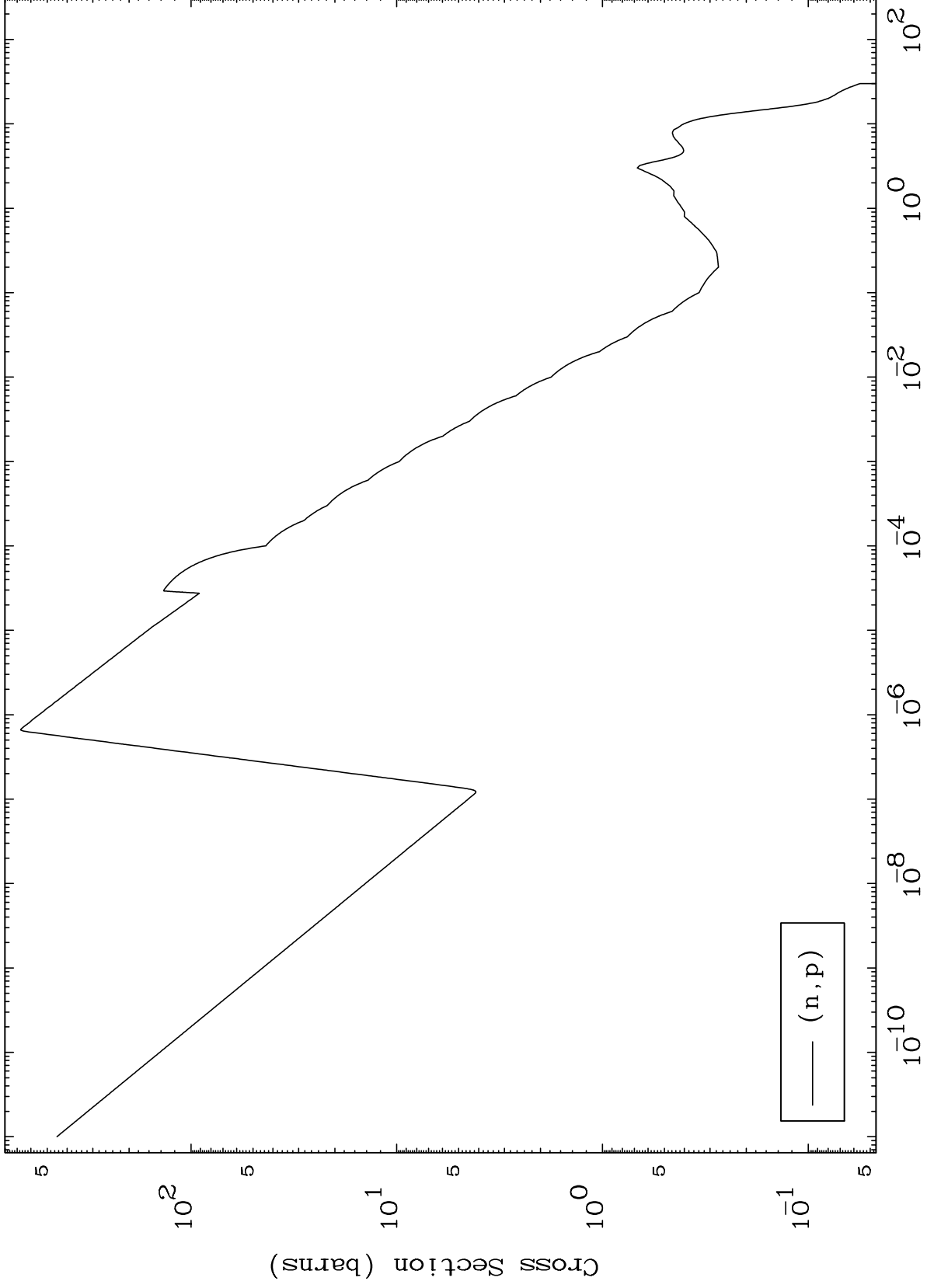


12

MAT 6792

(n,p) Levels
293 Kelvin Cross Sections

68-Er-151



13

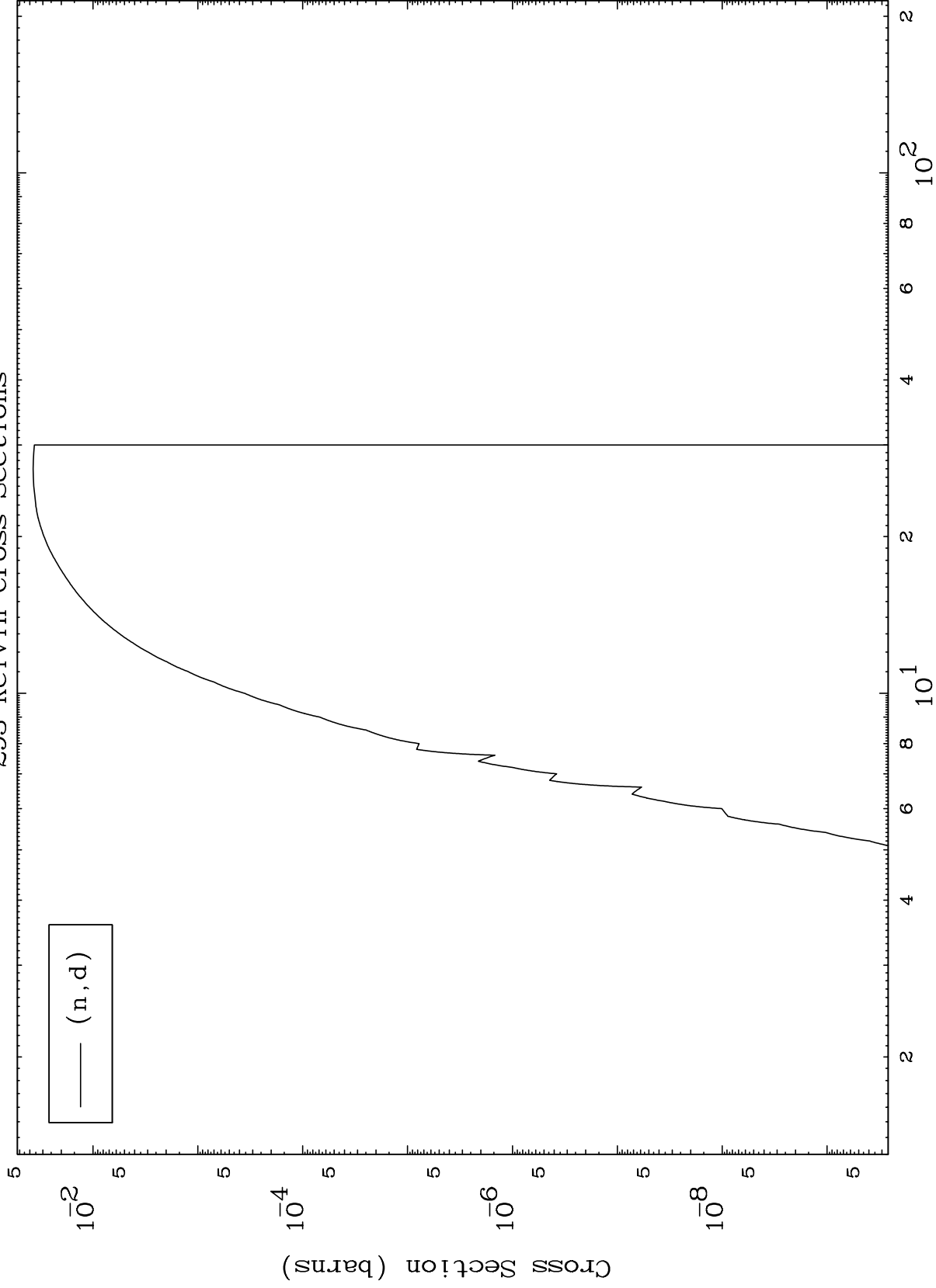
Incident Energy (MeV)

68-Er-151

MAT 6792

(n,d) Levels
293 Kelvin Cross Sections

68-Er-151



14

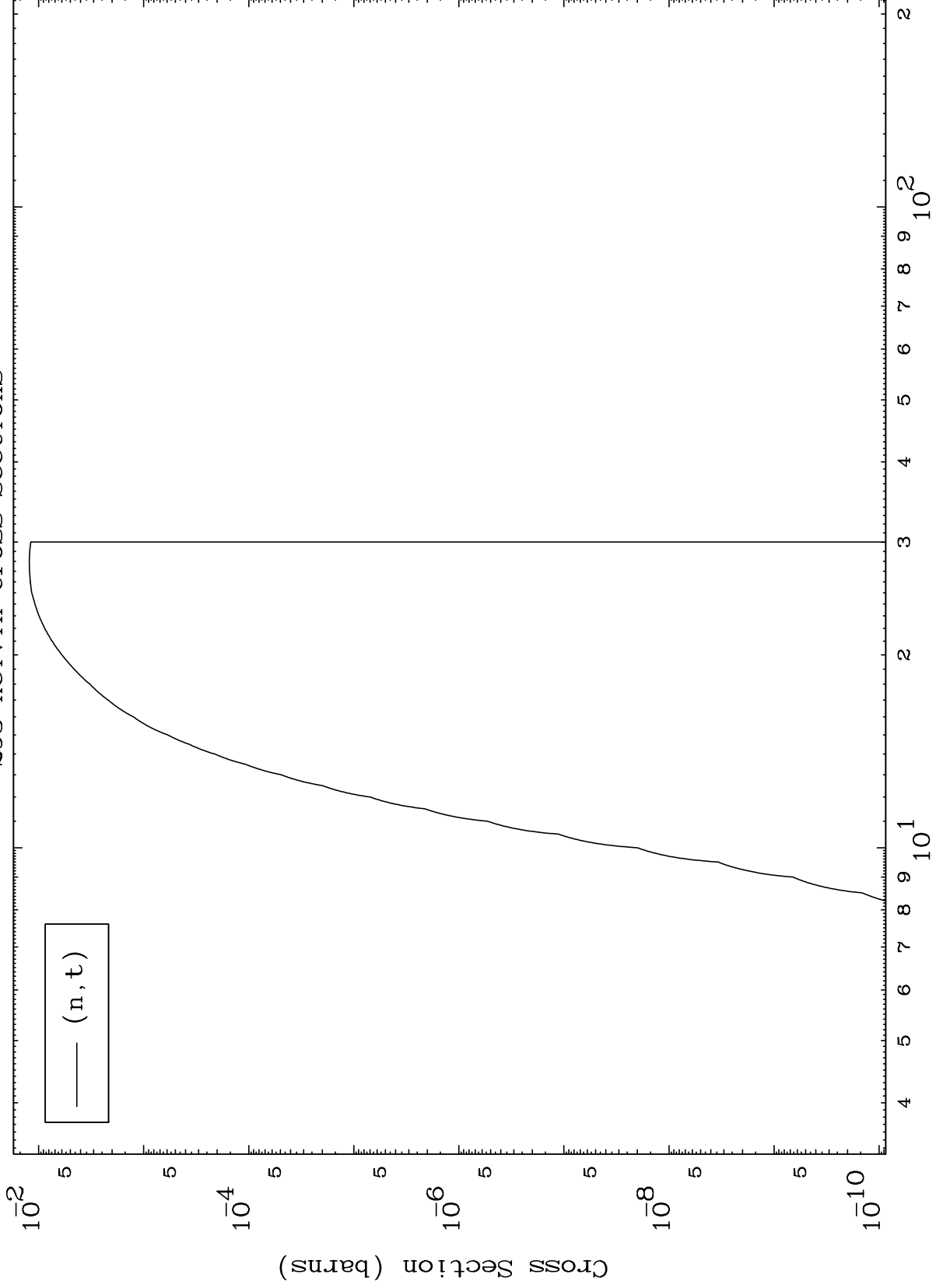
Incident Energy (MeV)

68-Er-151

MAT 6792

(n,t) Levels
293 Kelvin Cross Sections

68-Er-151



15

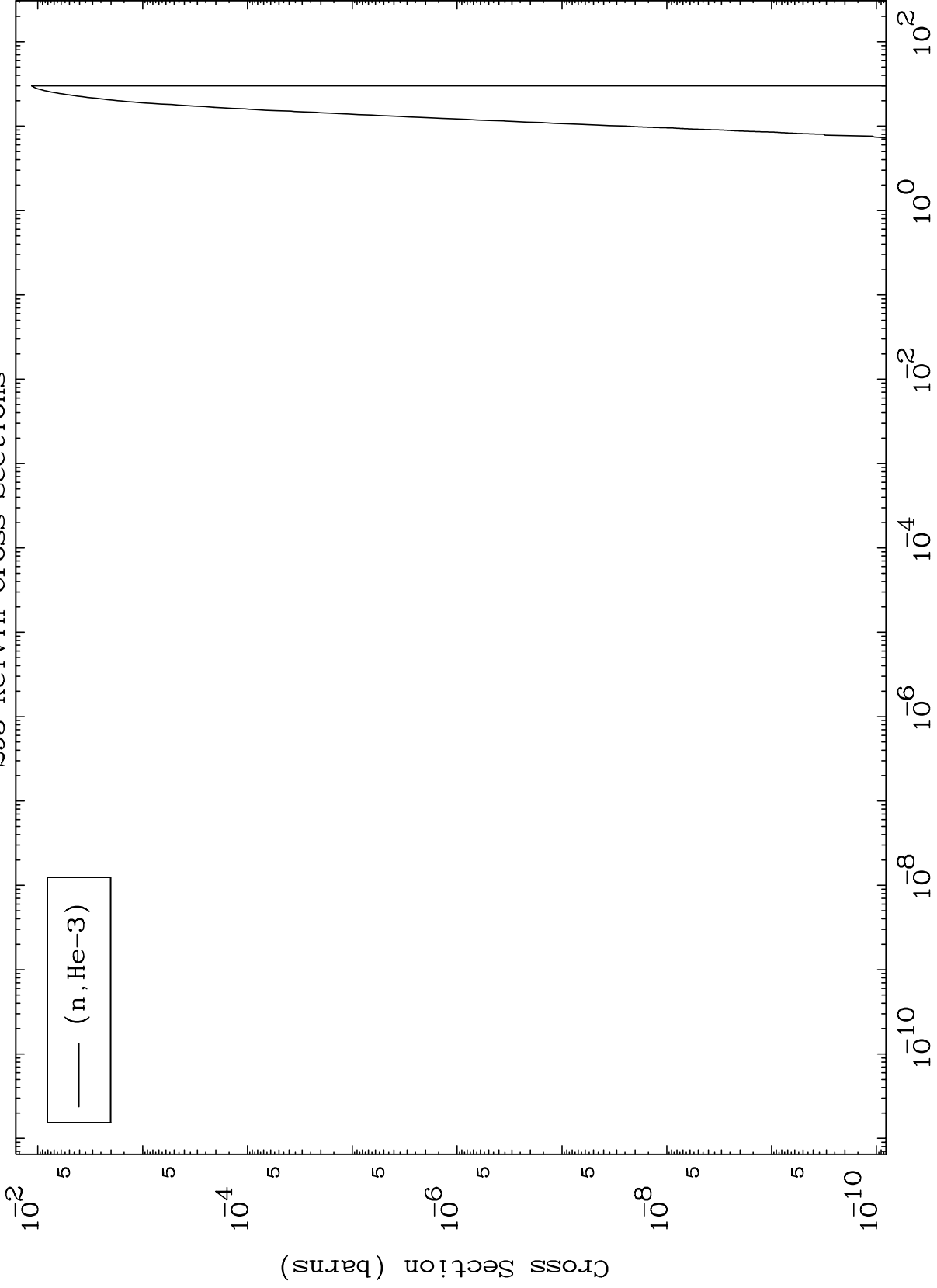
Incident Energy (MeV)

68-Er-151

MAT 6792

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-151



16

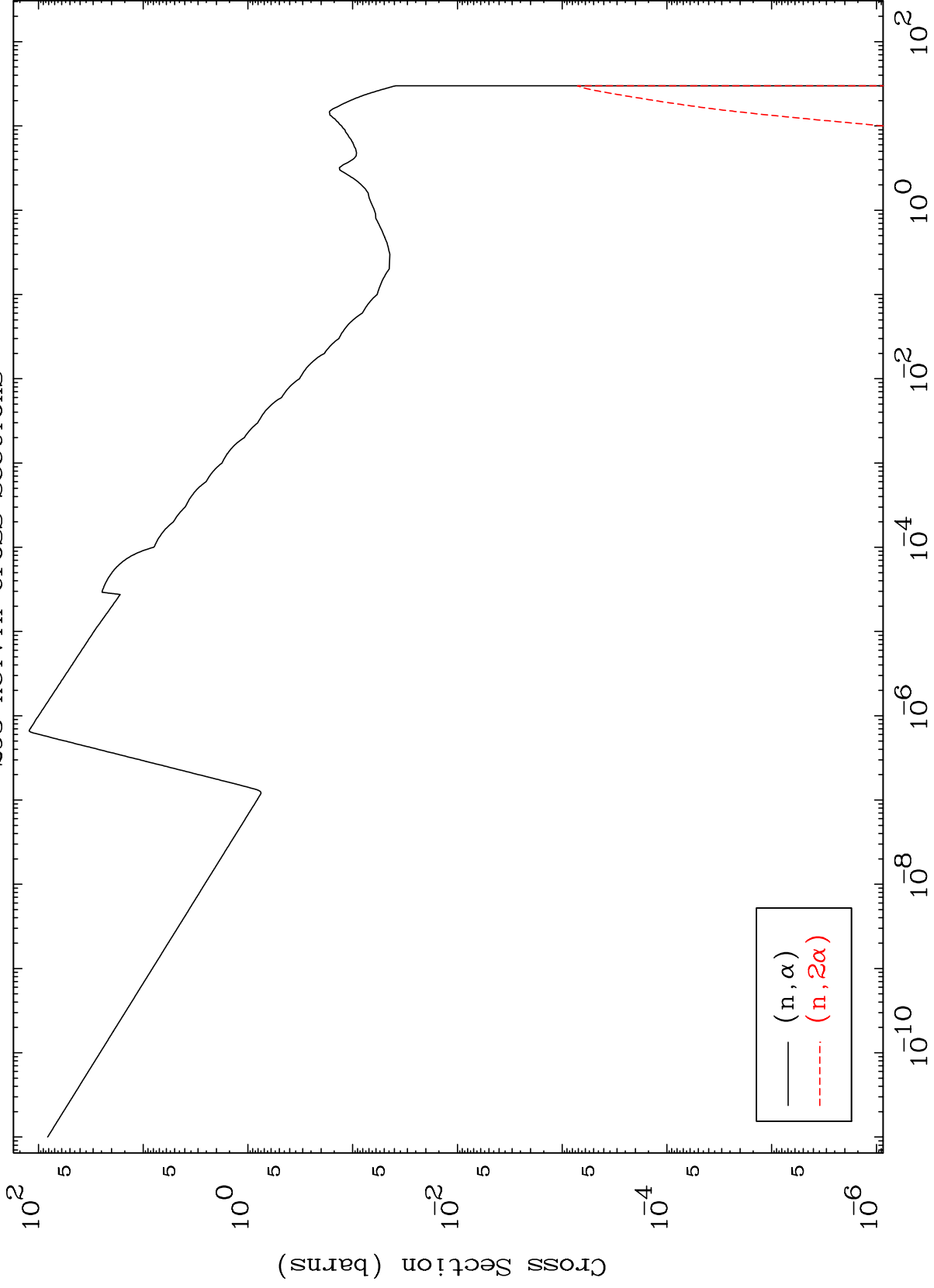
Incident Energy (MeV)

68-Er-151

MAT 6792

(n, α) Levels
293 Kelvin Cross Sections

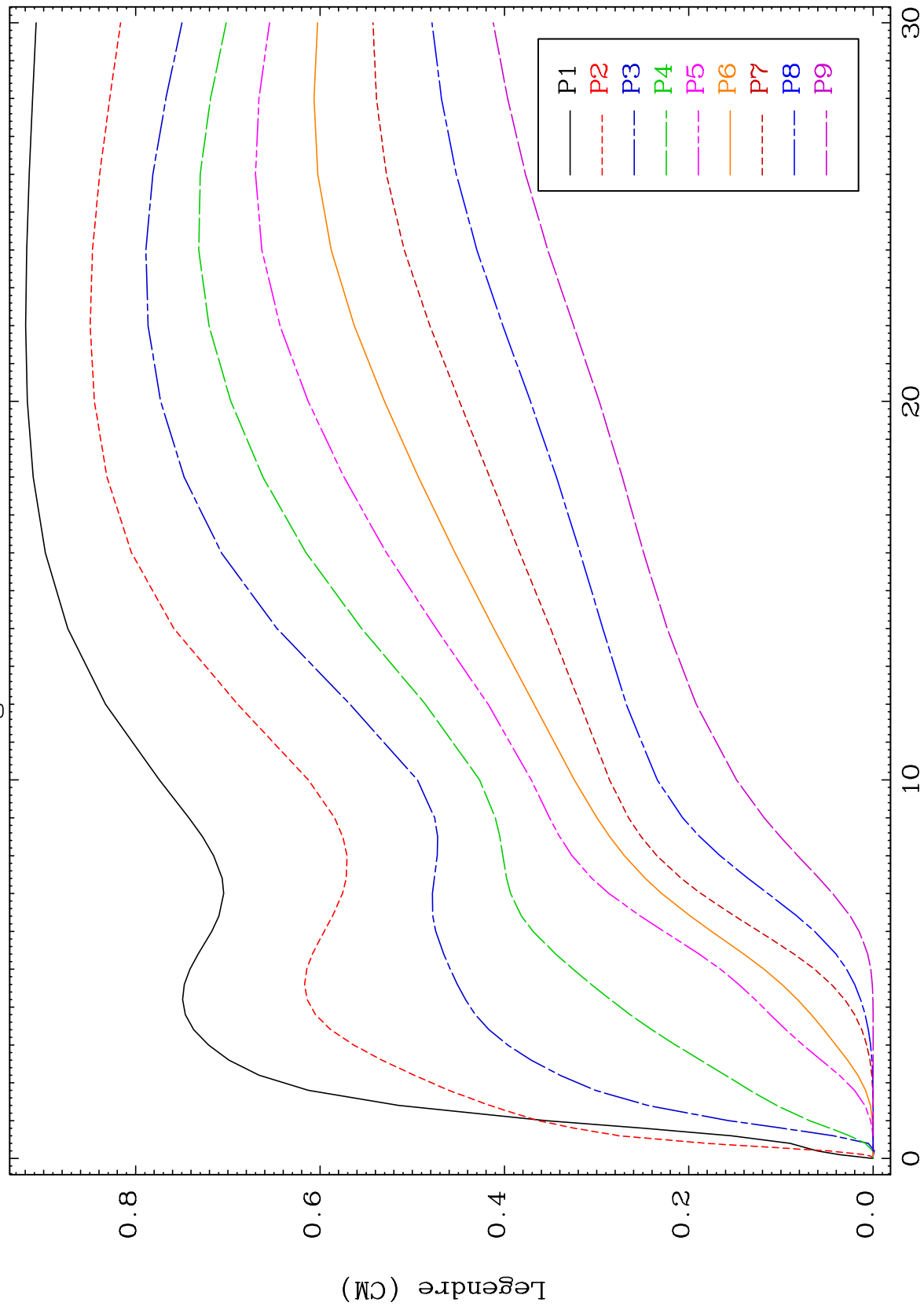
68-Er-151



MAT 6792

Elastic Legendre Coefficients

68-Er-151

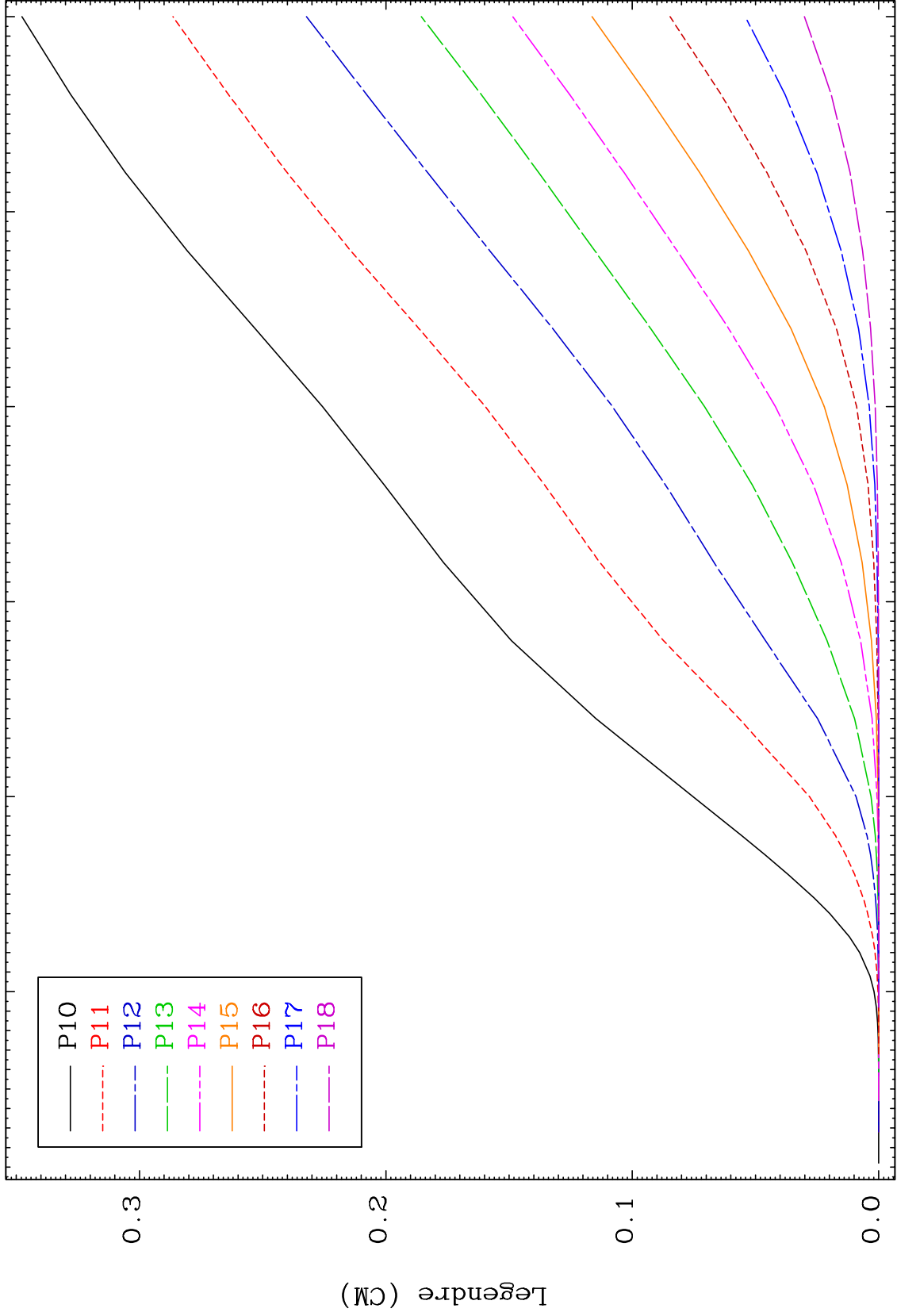


18

Incident Energy (MeV)

68-Er-151

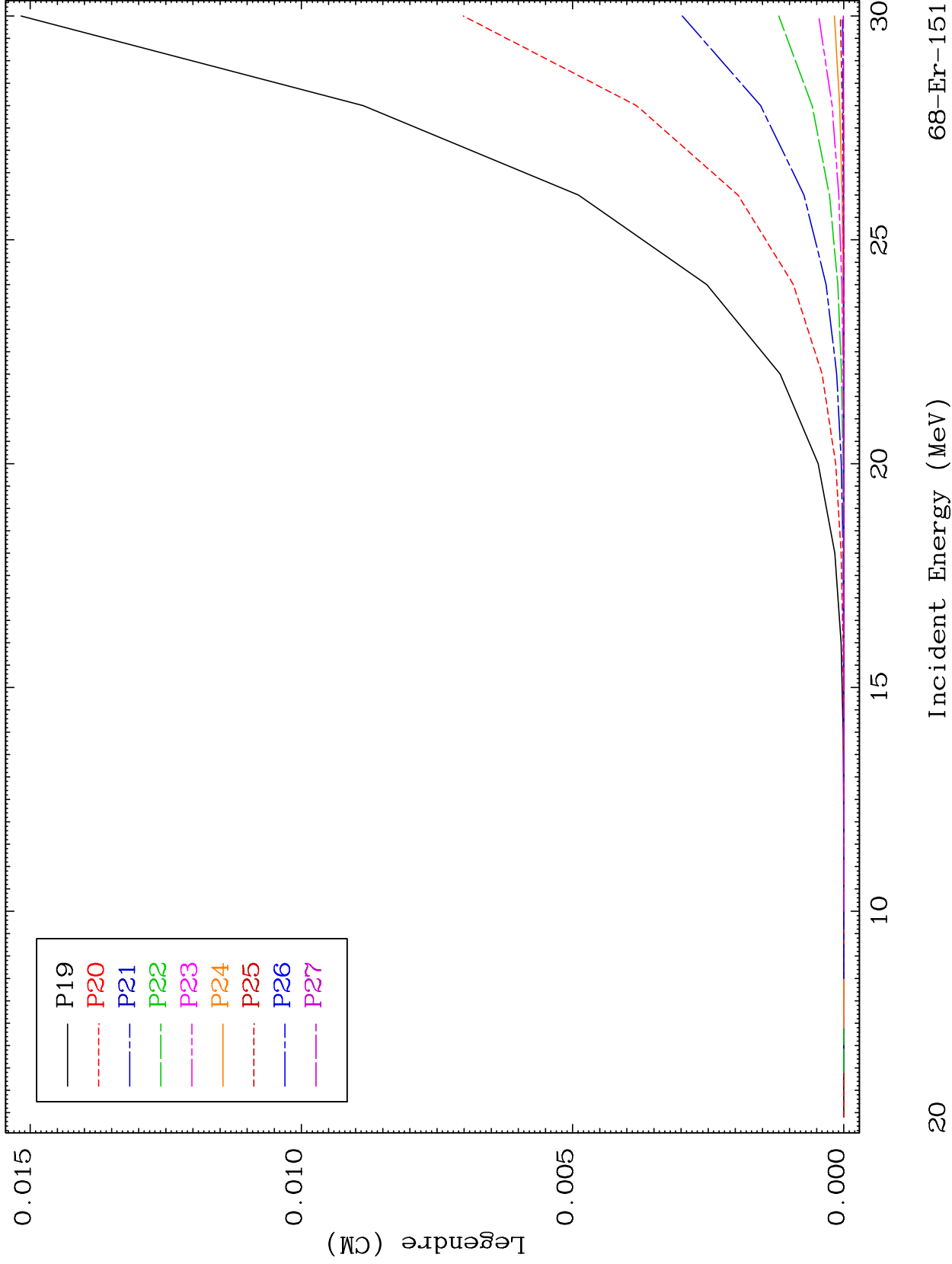
Elastic Legendre Coefficients



MAT 6792

Elastic Legendre Coefficients

68-Er-151



20

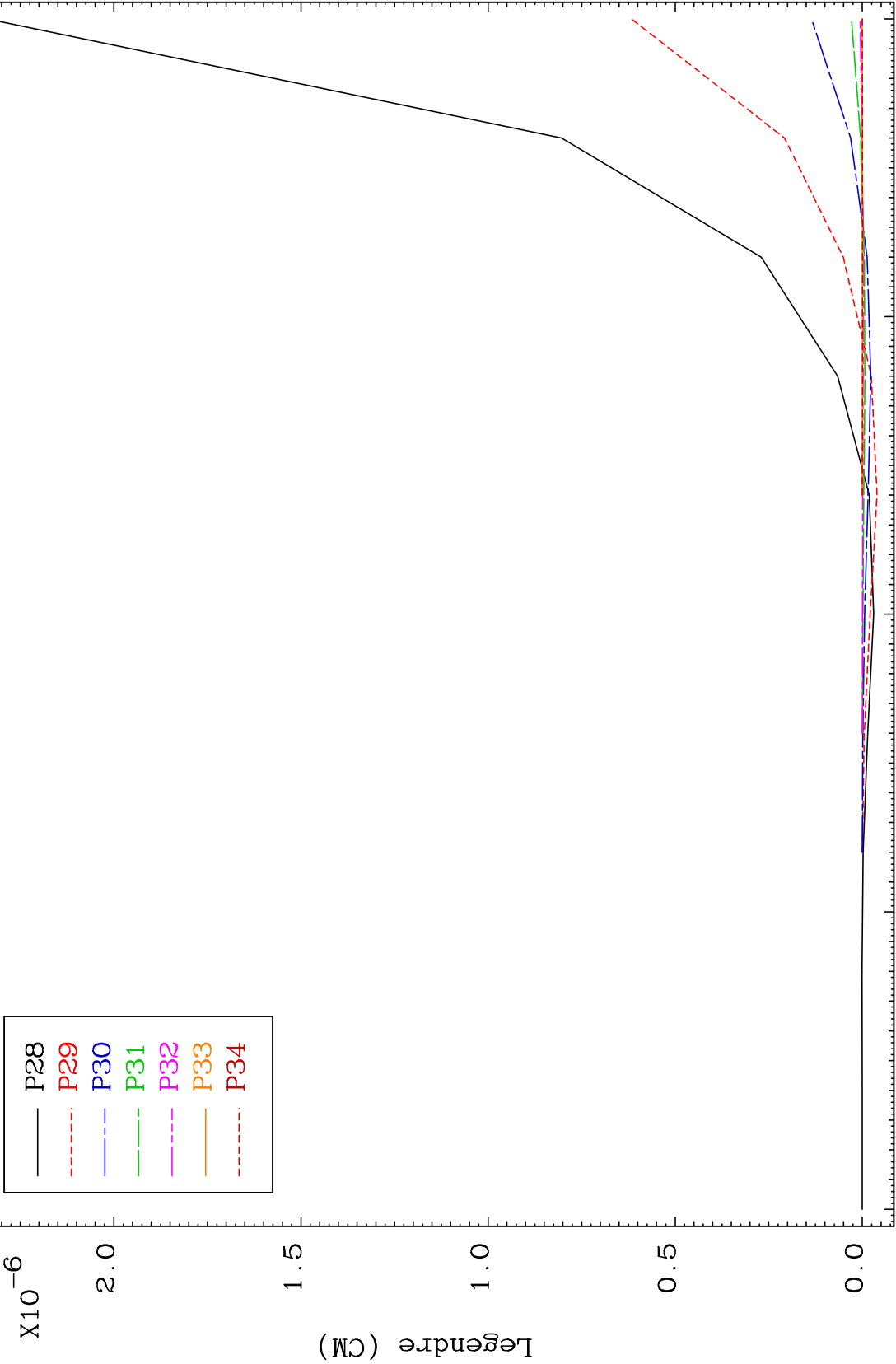
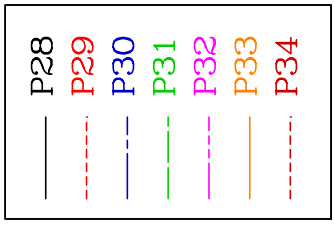
Incident Energy (MeV)

68-Er-151

MAT 6792

Elastic Legendre Coefficients

68-Er-151



21

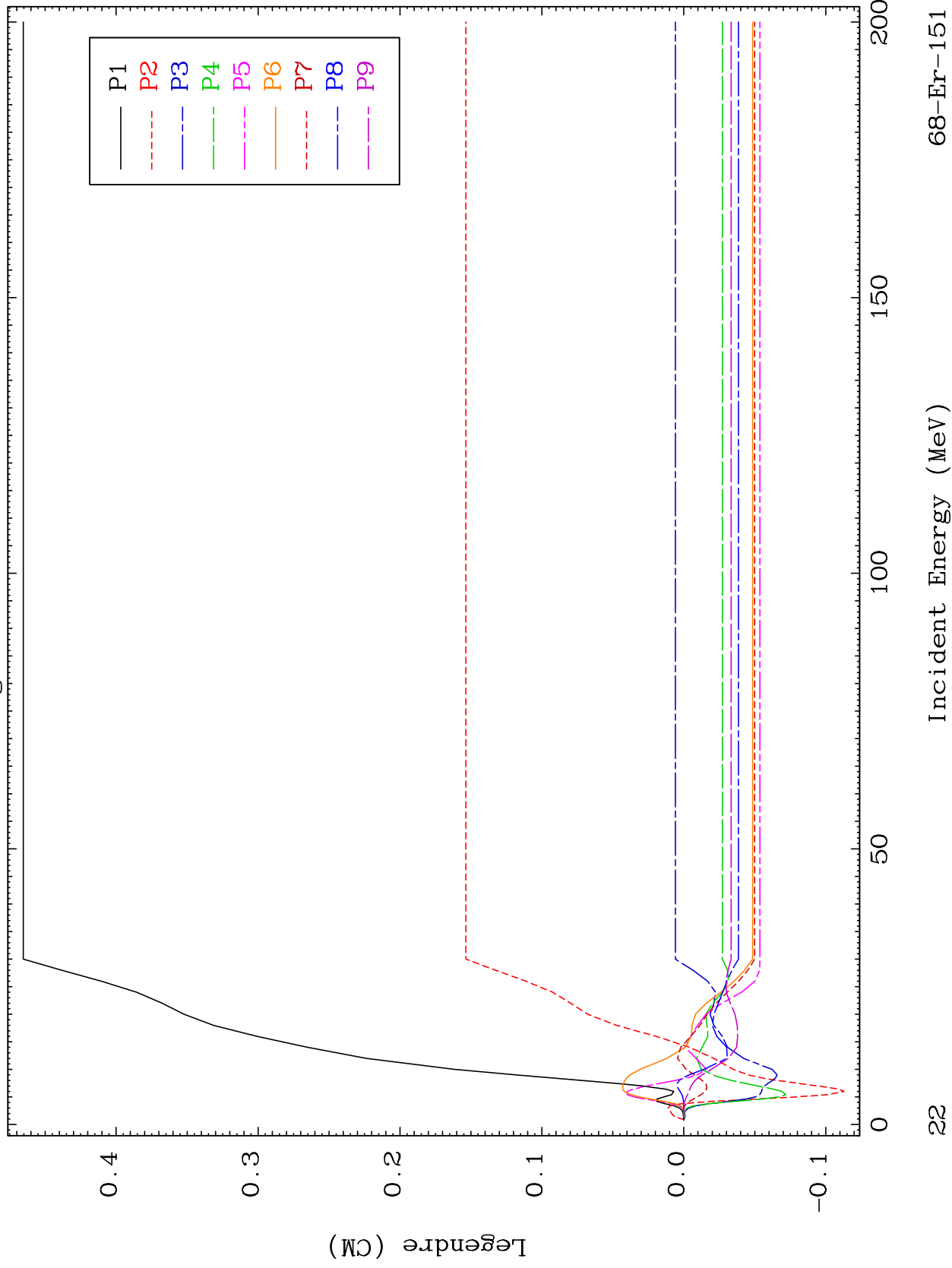
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

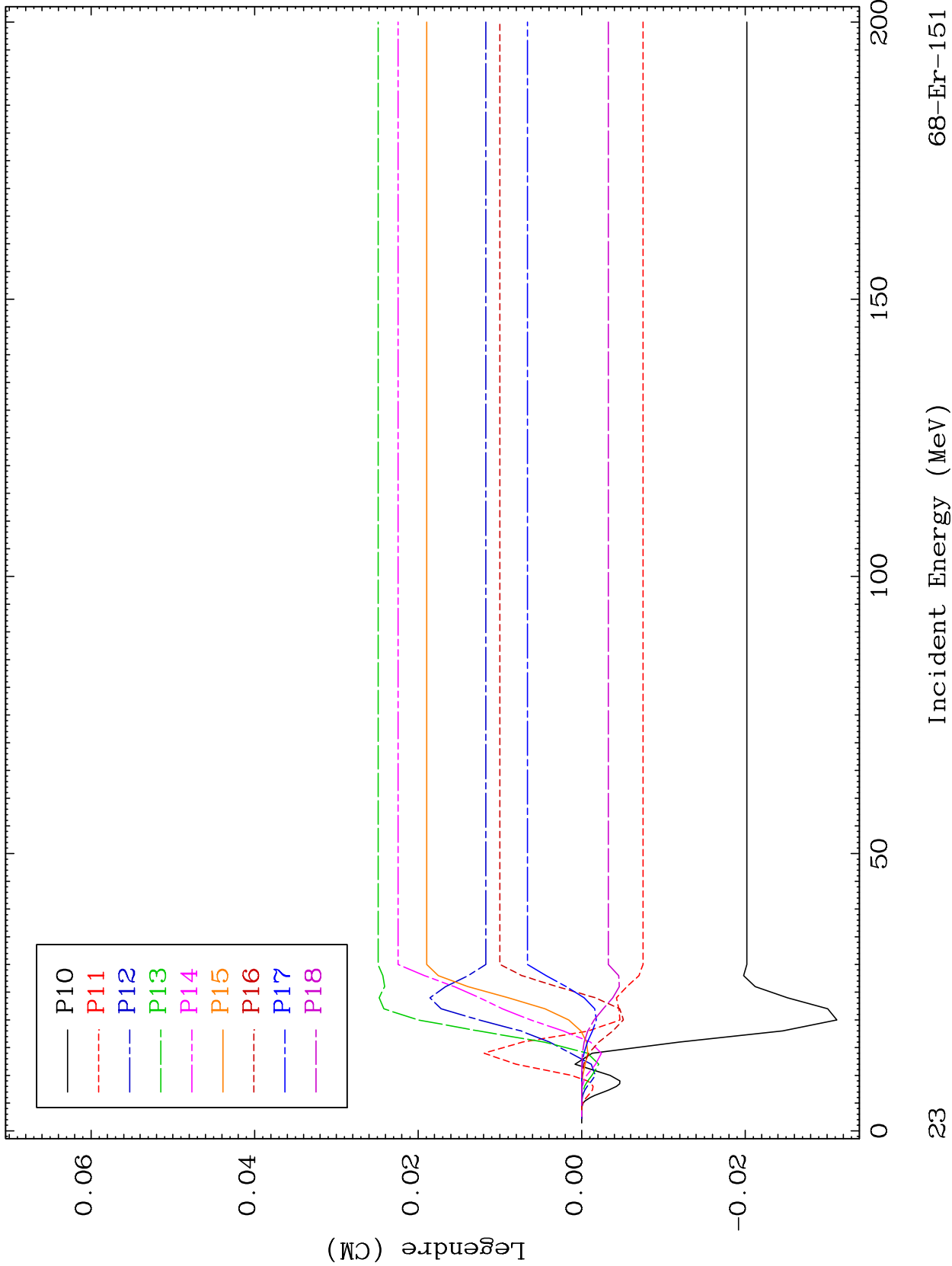
Incident Energy (MeV)

22

MAT 6792

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

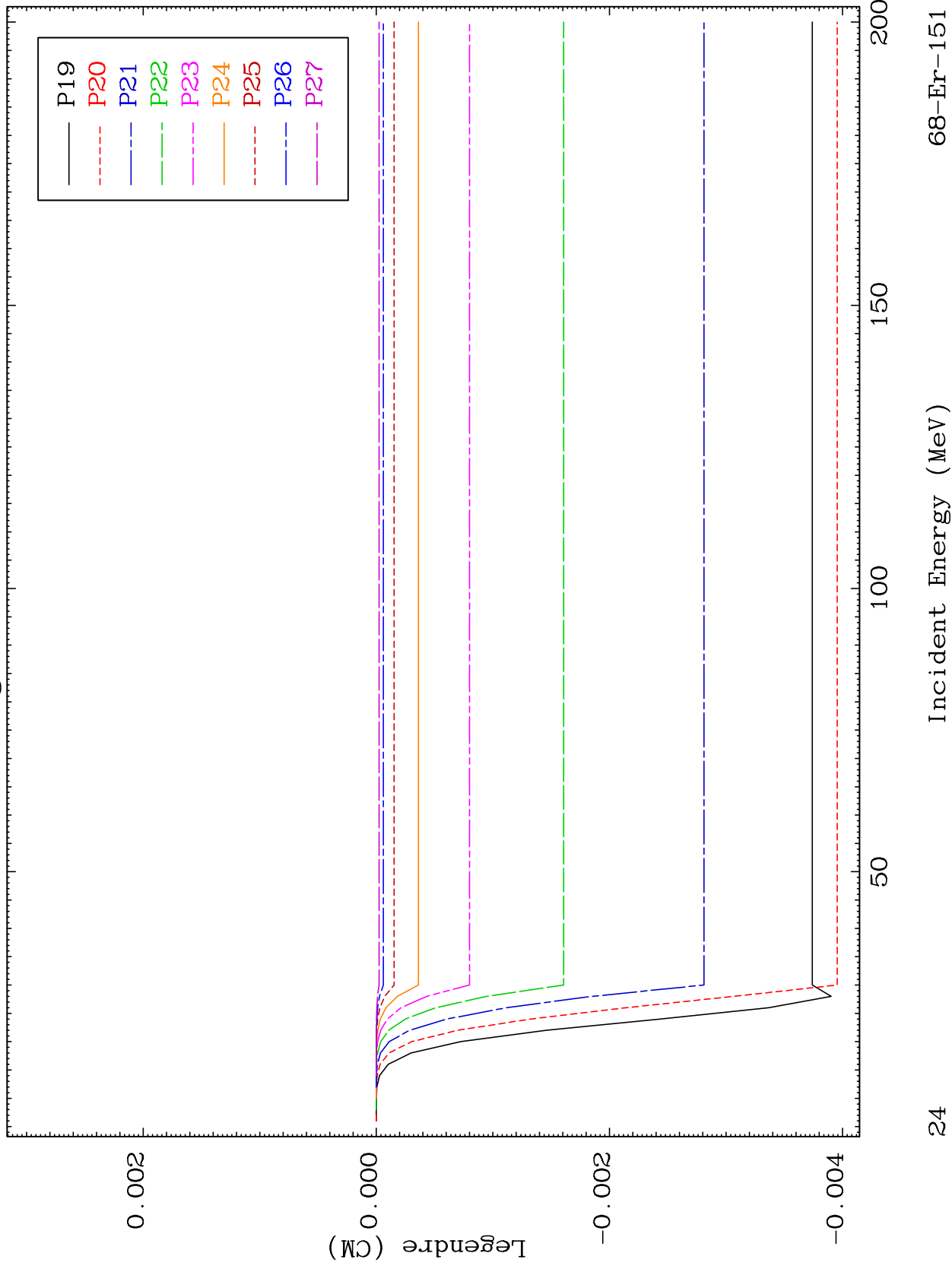
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MAT 6792

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

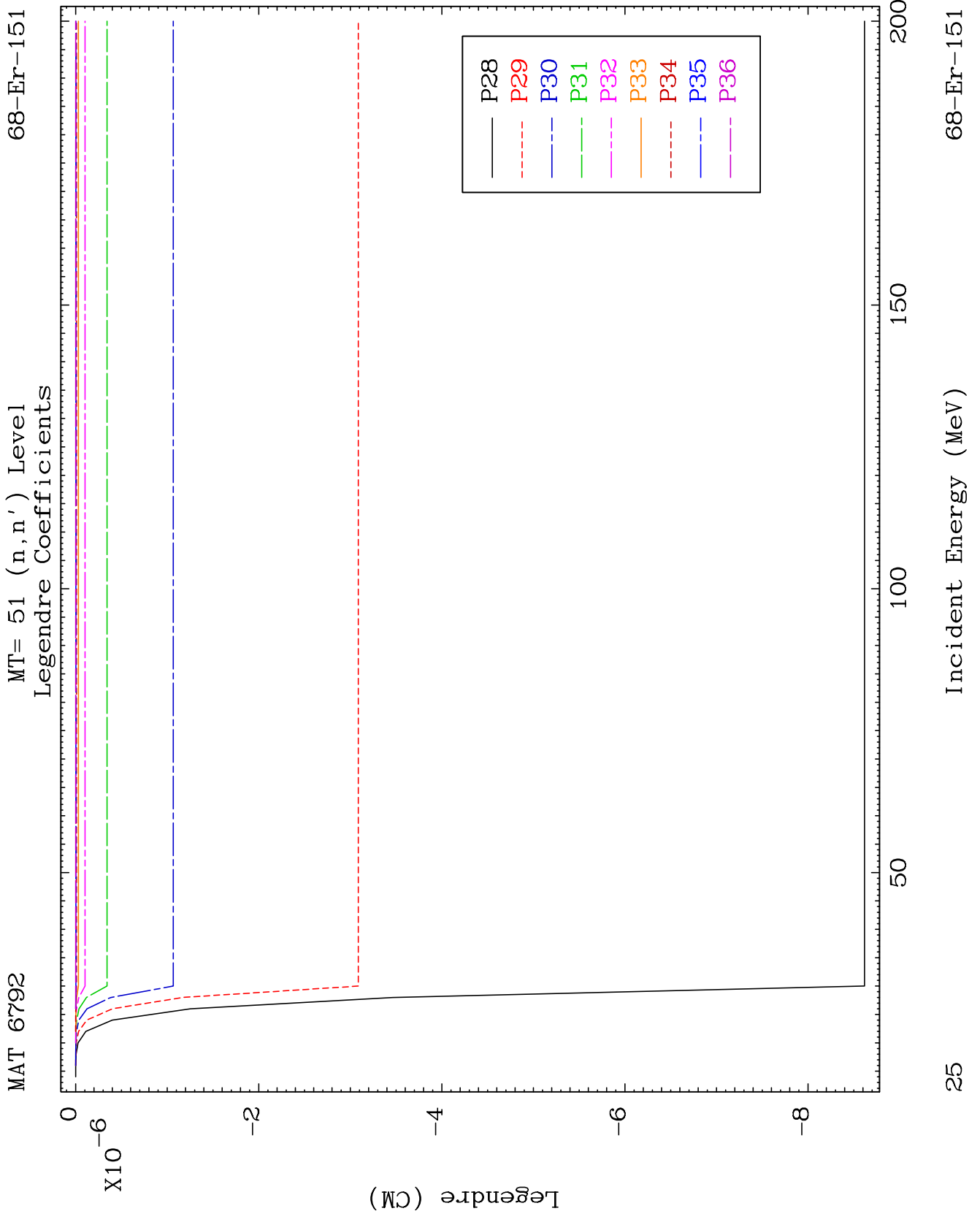
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24

Incident Energy (MeV)

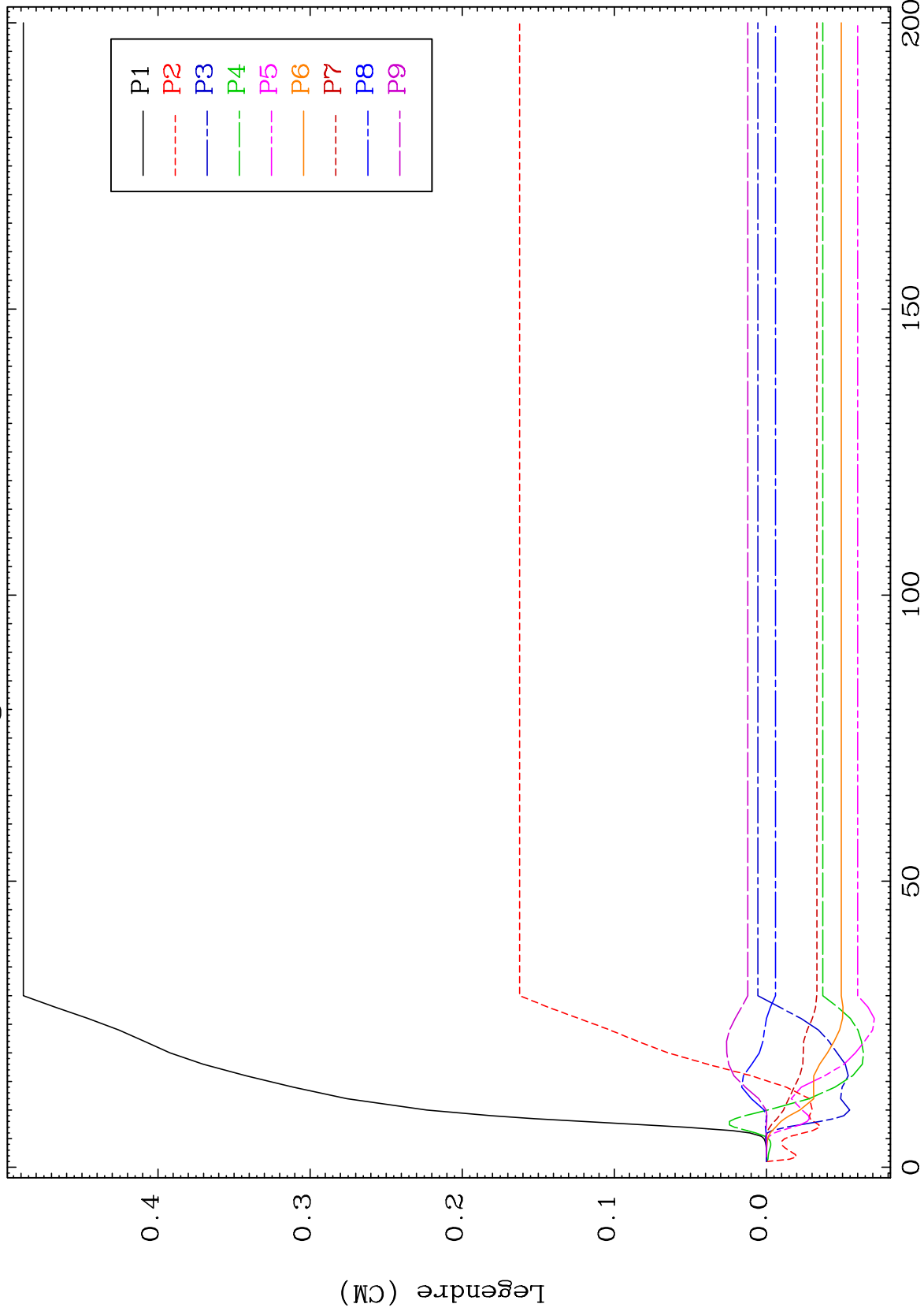
68-Er-151



MAT 6792

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

68-Er-151



68-Er-151

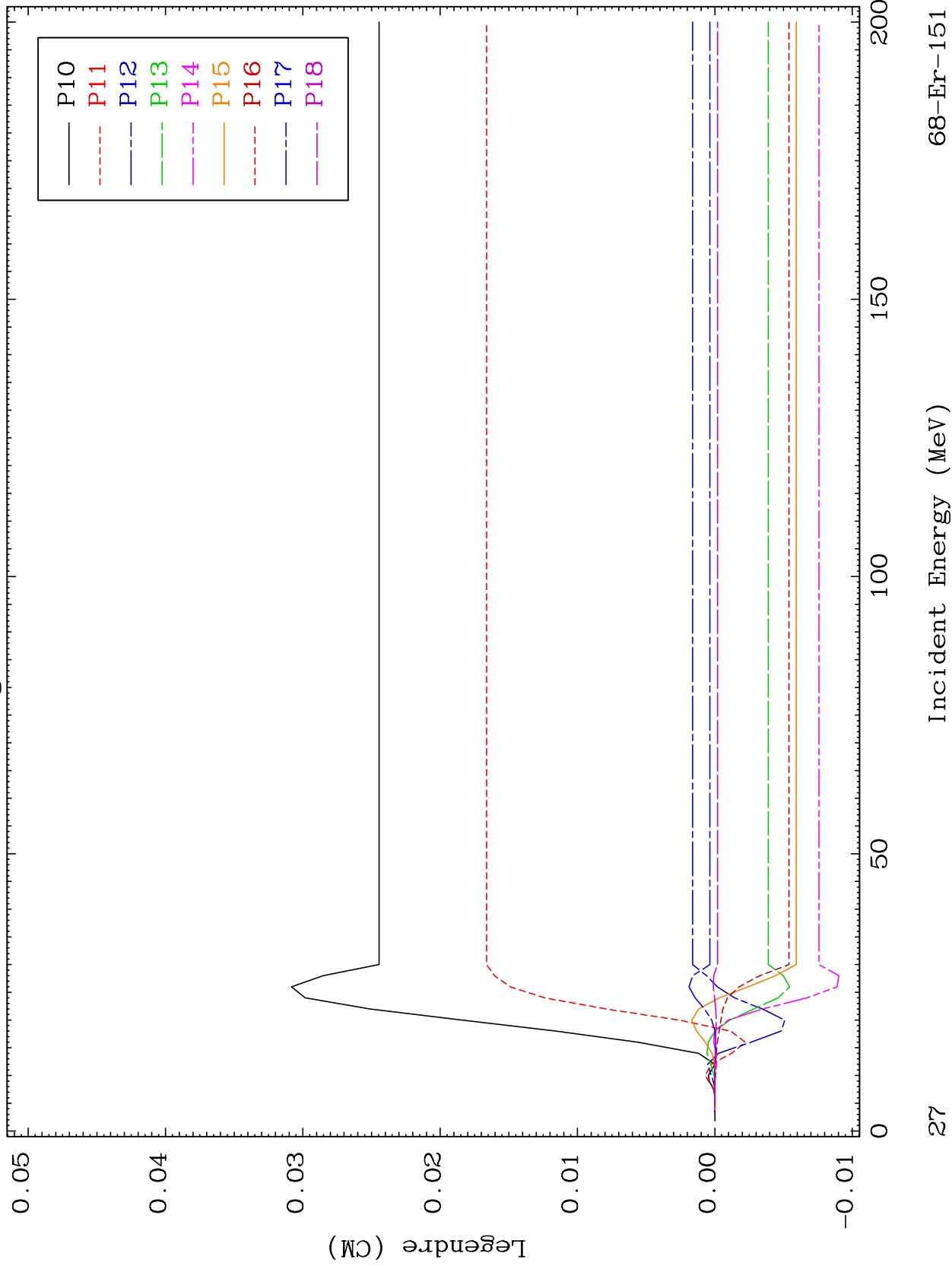
Incident Energy (MeV)

26

MAT 6792

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

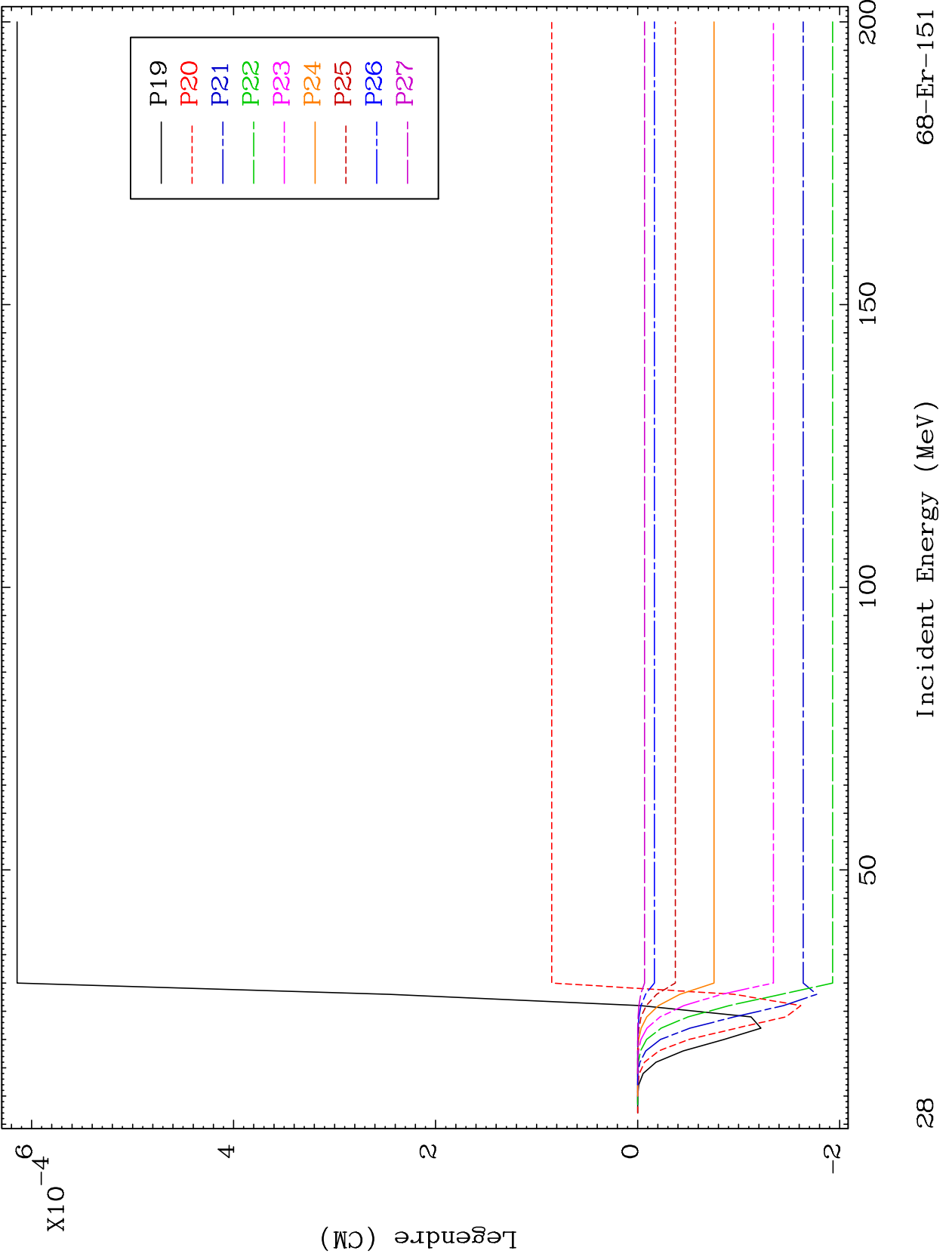
68-Er-151



68-Er-151

Incident Energy (MeV)

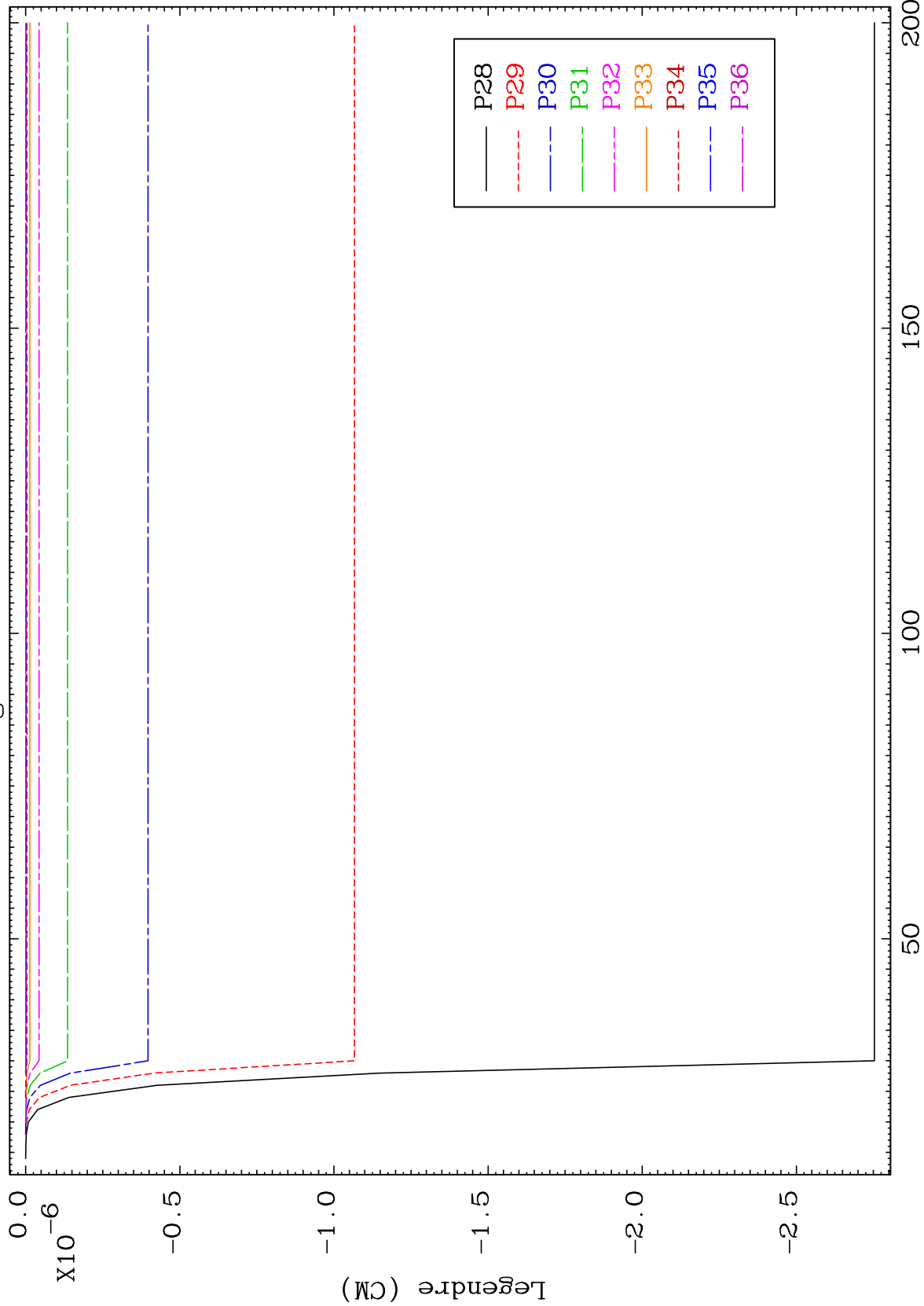
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MAT 6792

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

68-Er-151



29

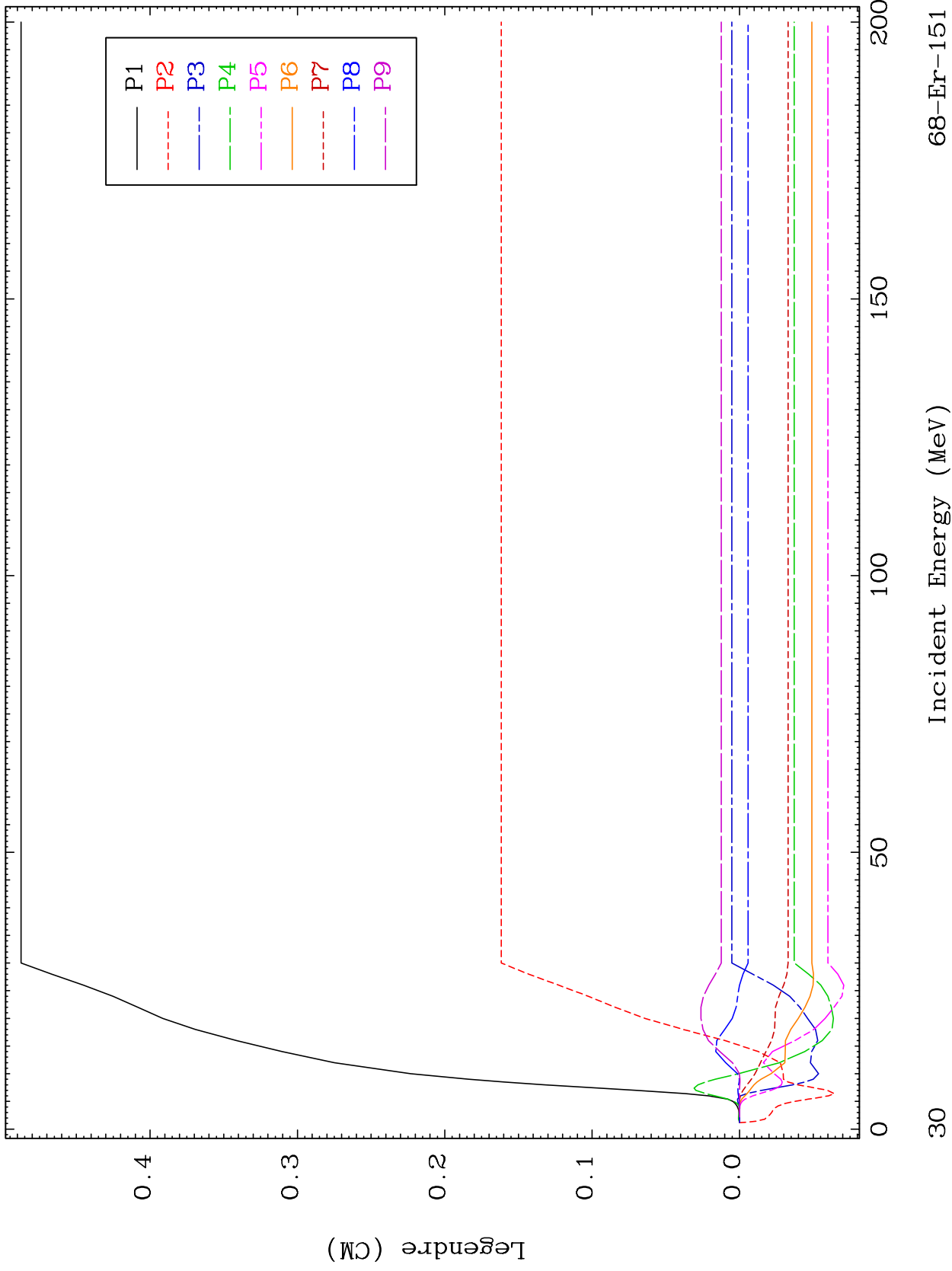
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

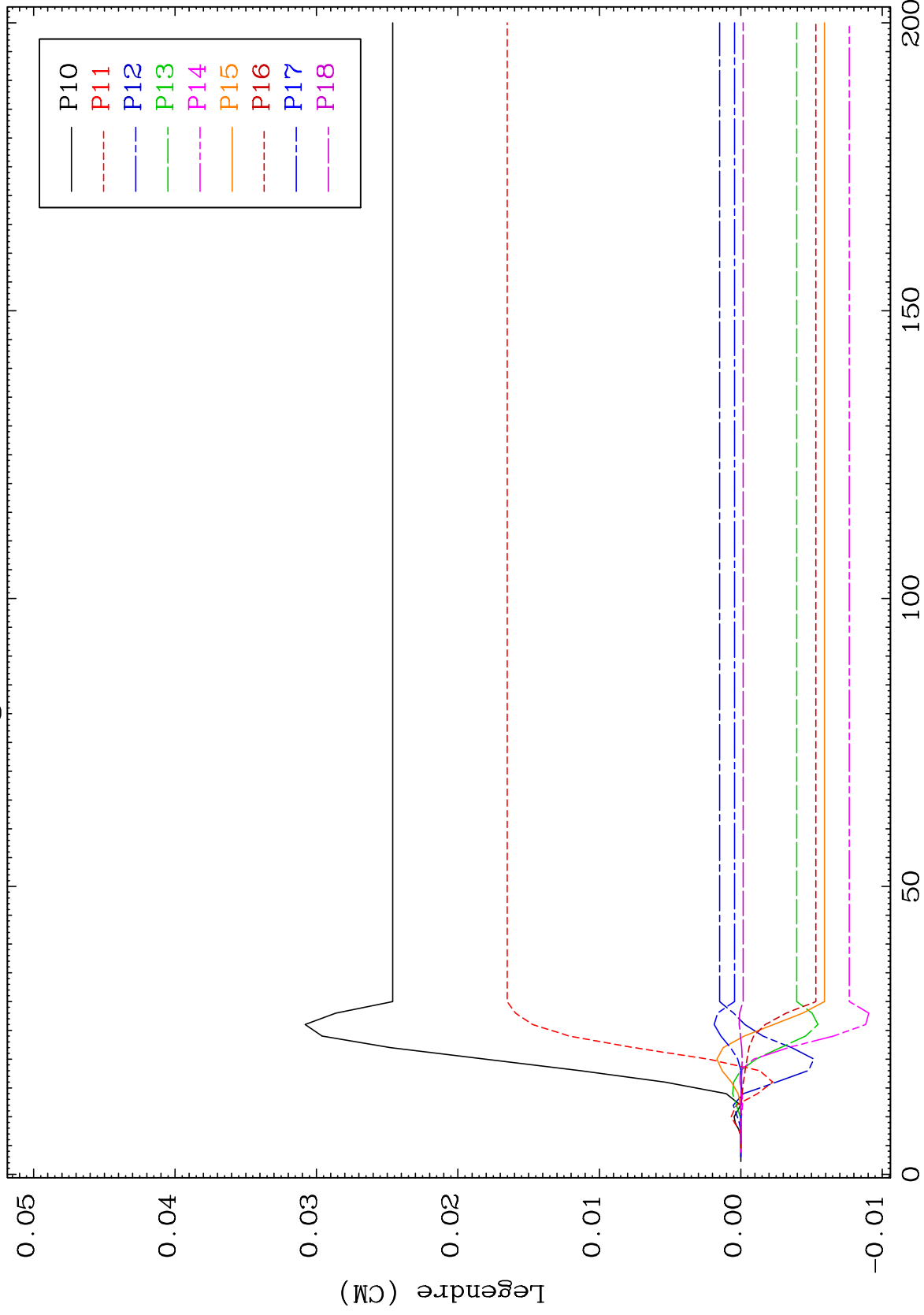
Incident Energy (MeV)

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MAT 6792

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

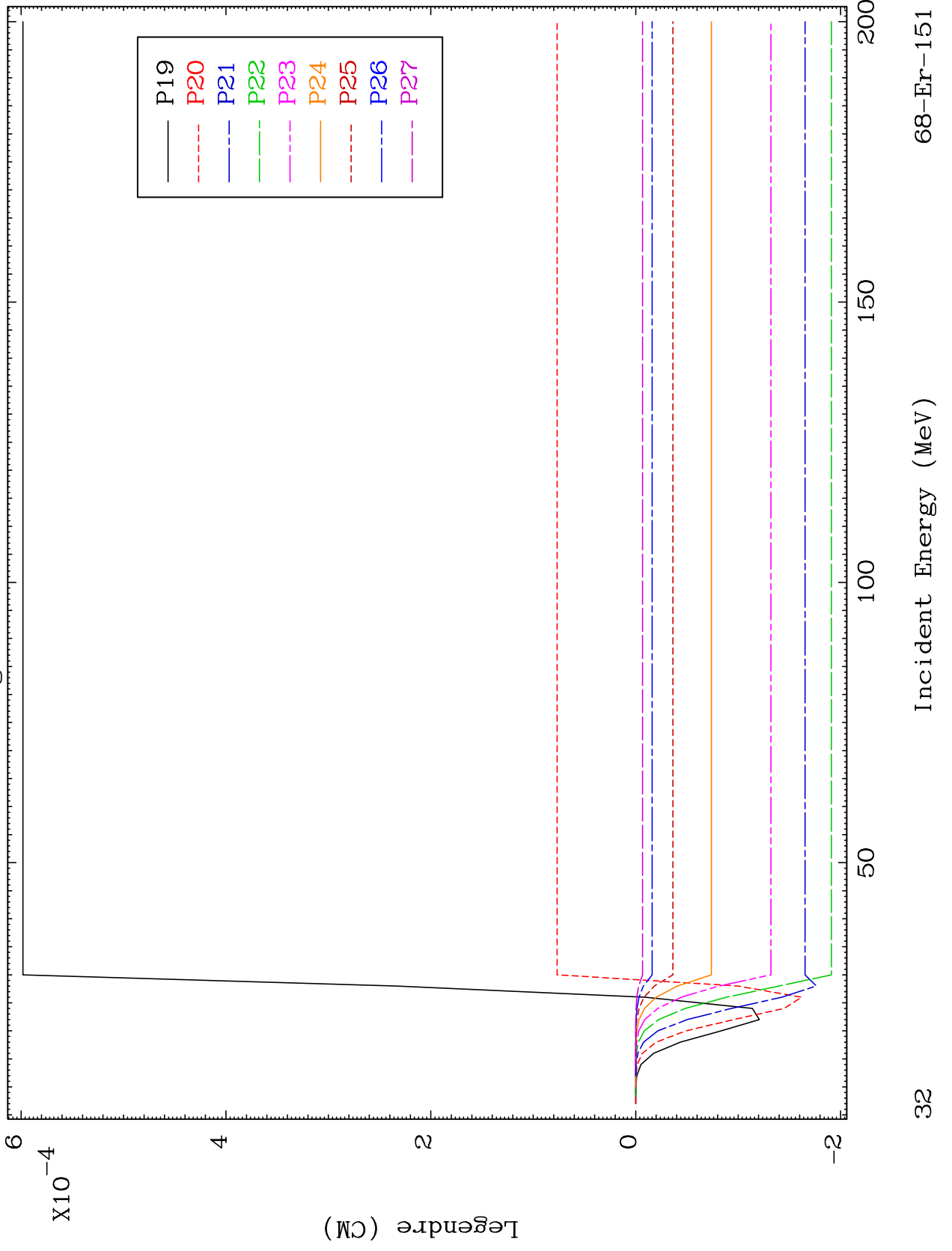
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31

Incident Energy (MeV)

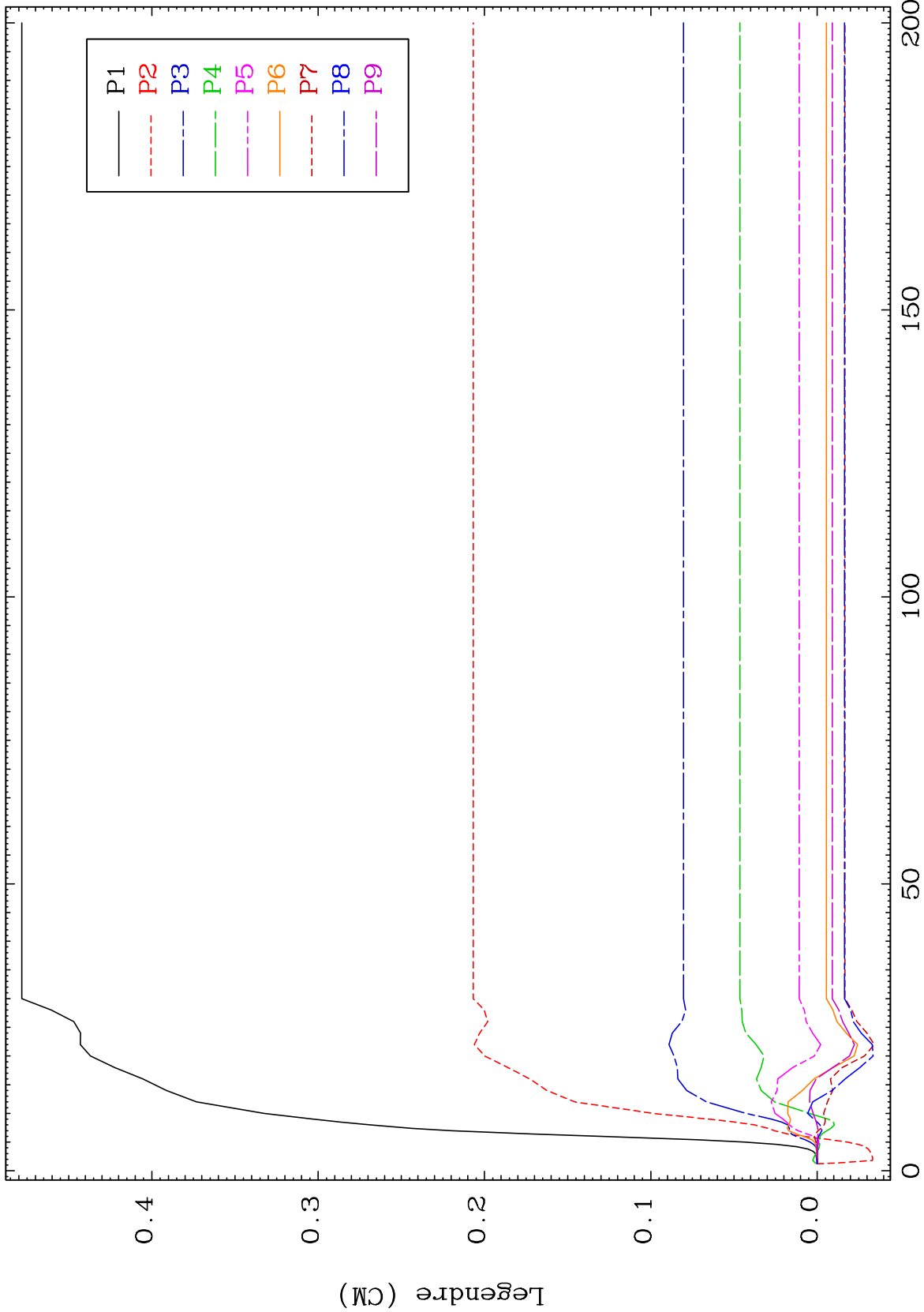
68-Er-151



MAT 6792

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

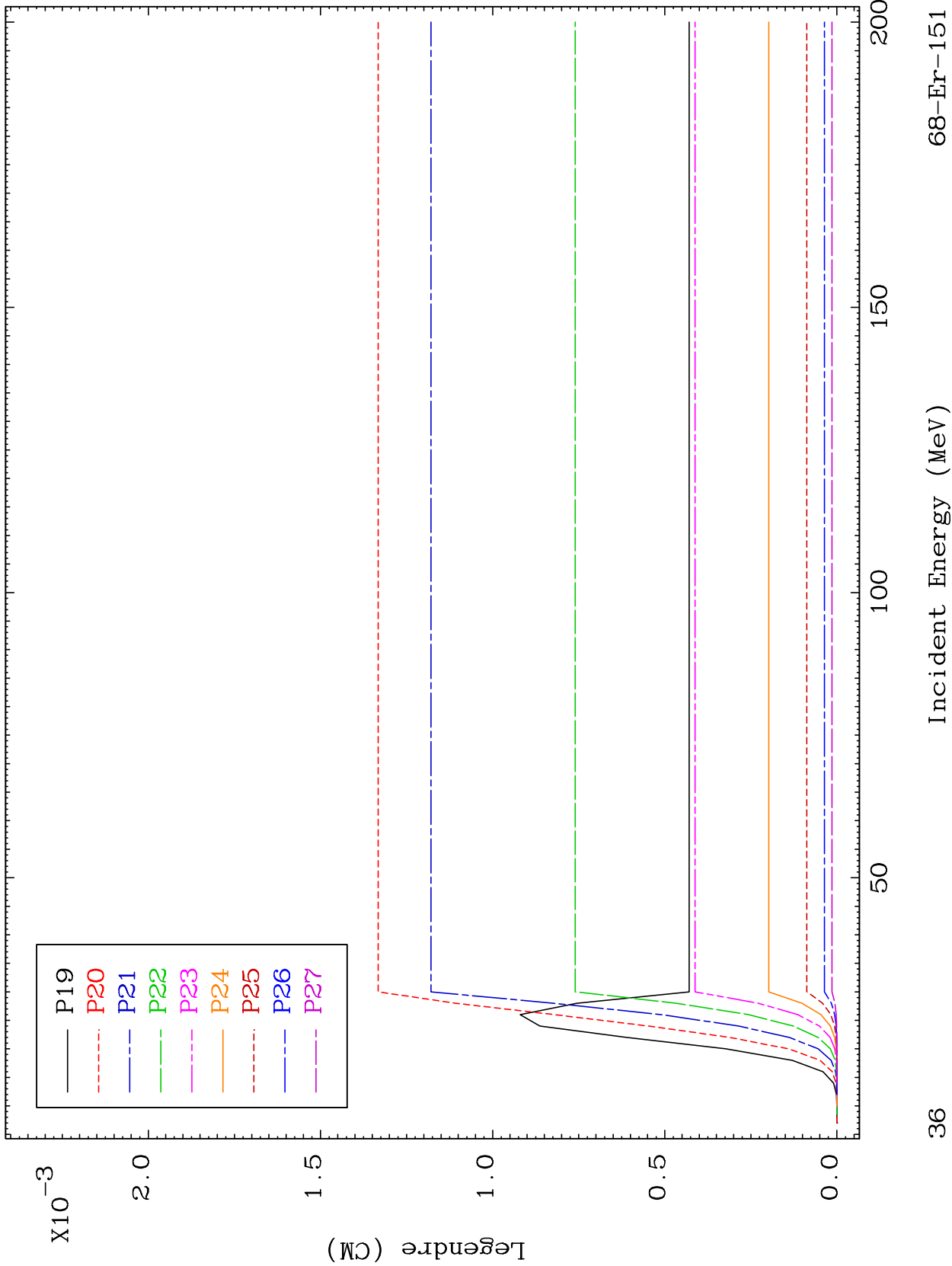
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34

Incident Energy (MeV)

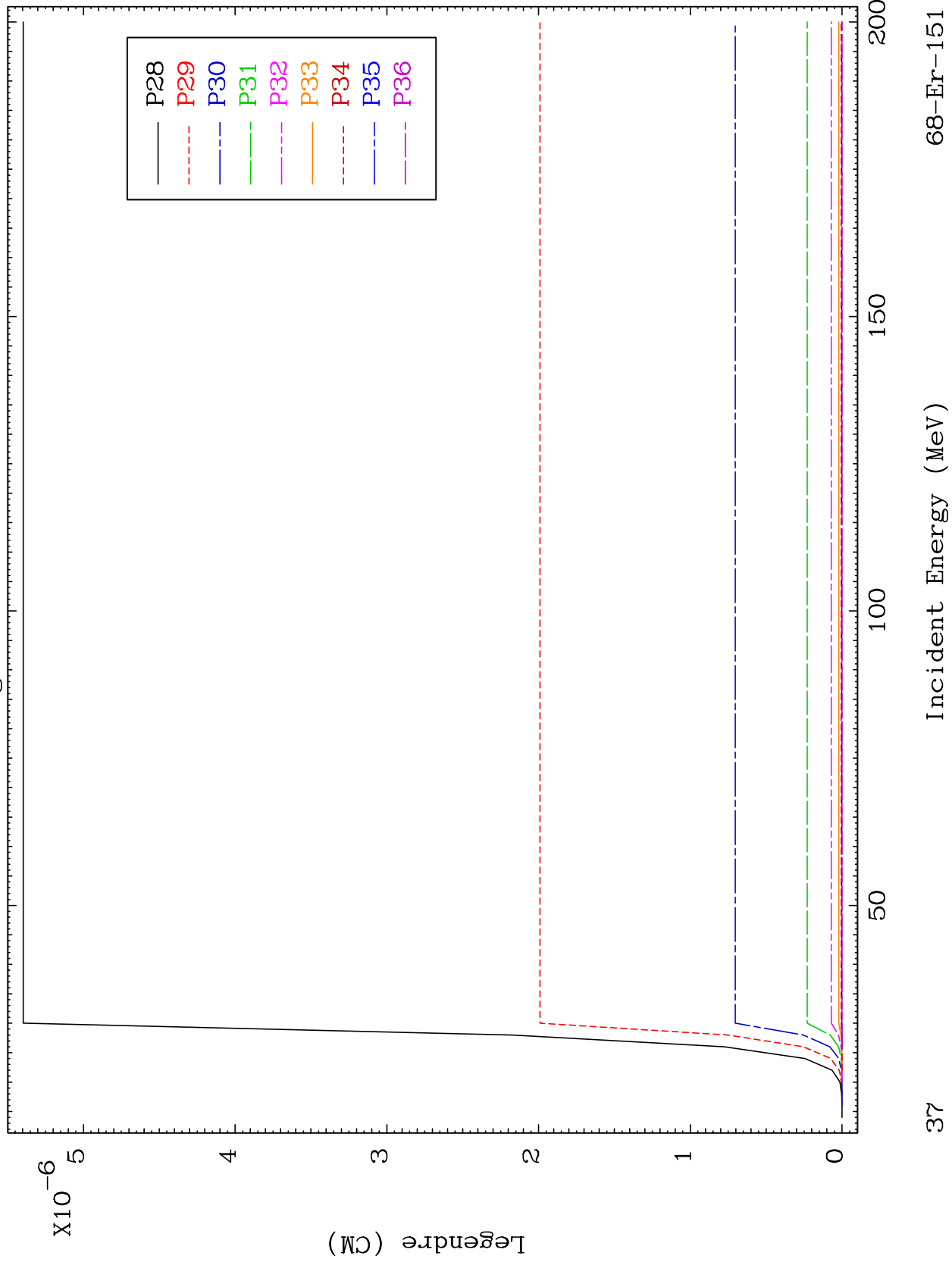
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MAT 6792

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

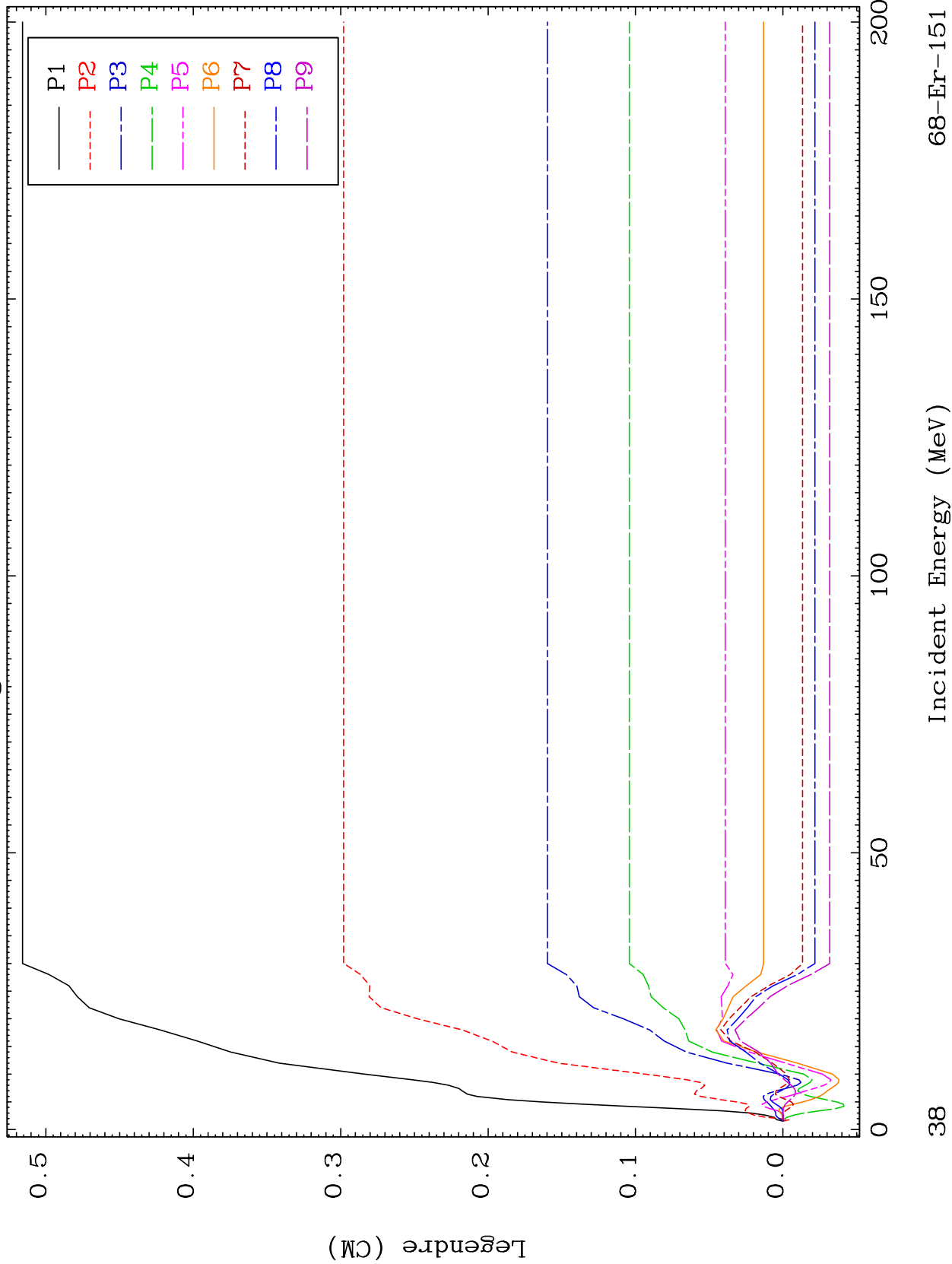
68-Er-151



MAT 6792

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

68-Er-151



68-Er-151

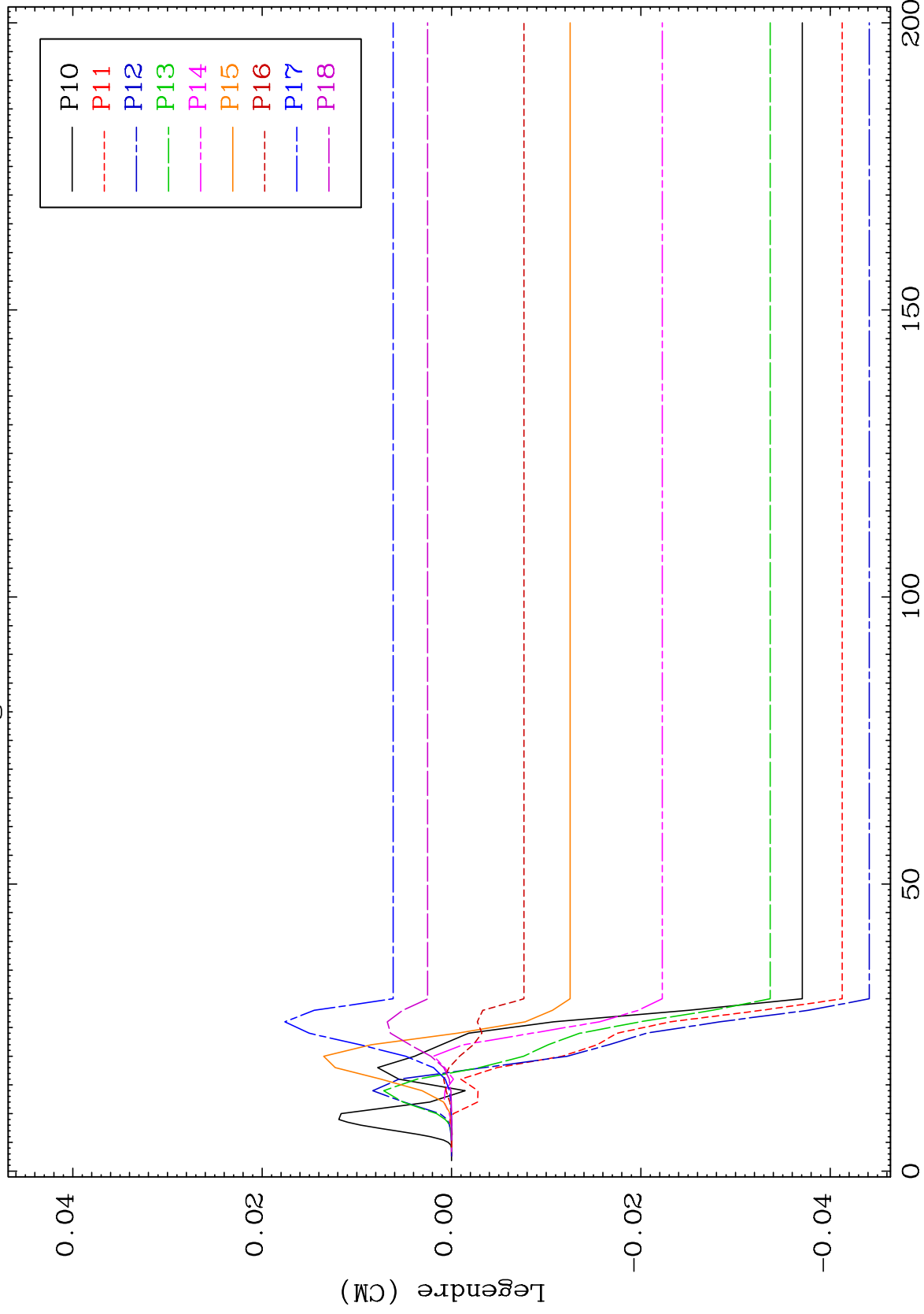
Incident Energy (MeV)

38

MAT 6792

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

68-Er-151



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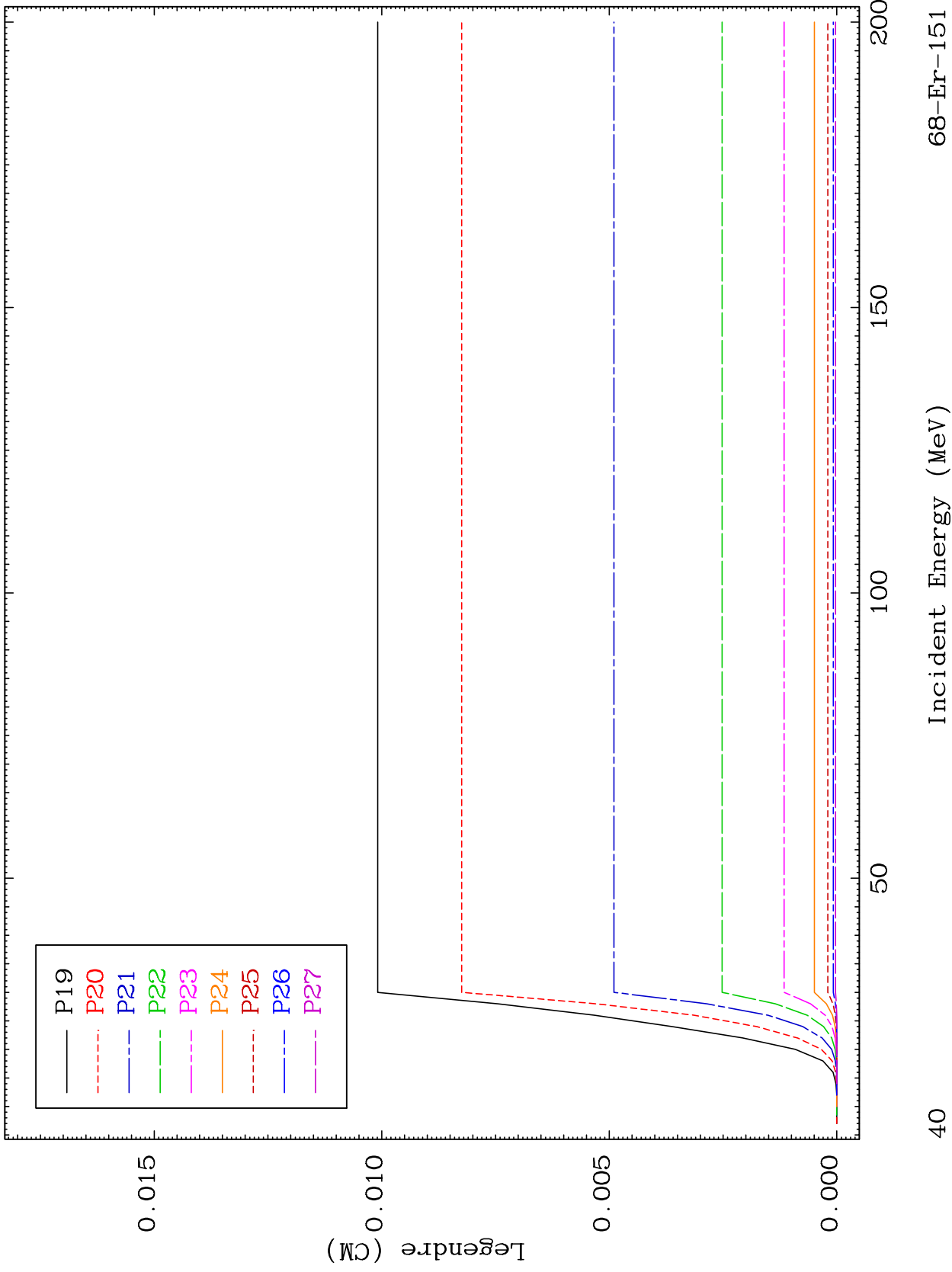
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

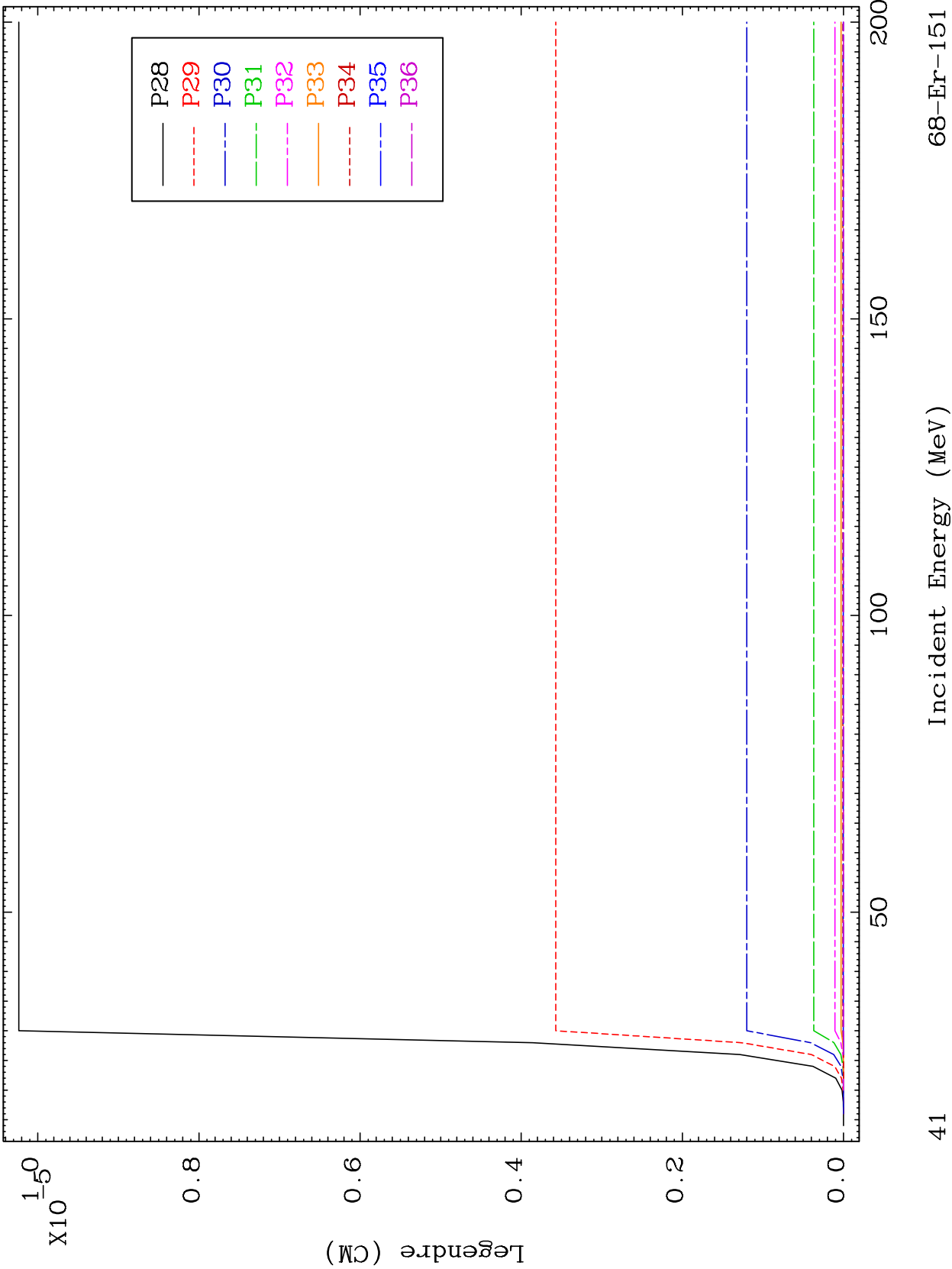
Incident Energy (MeV)

40

MAT 6792

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

68-Er-151



41

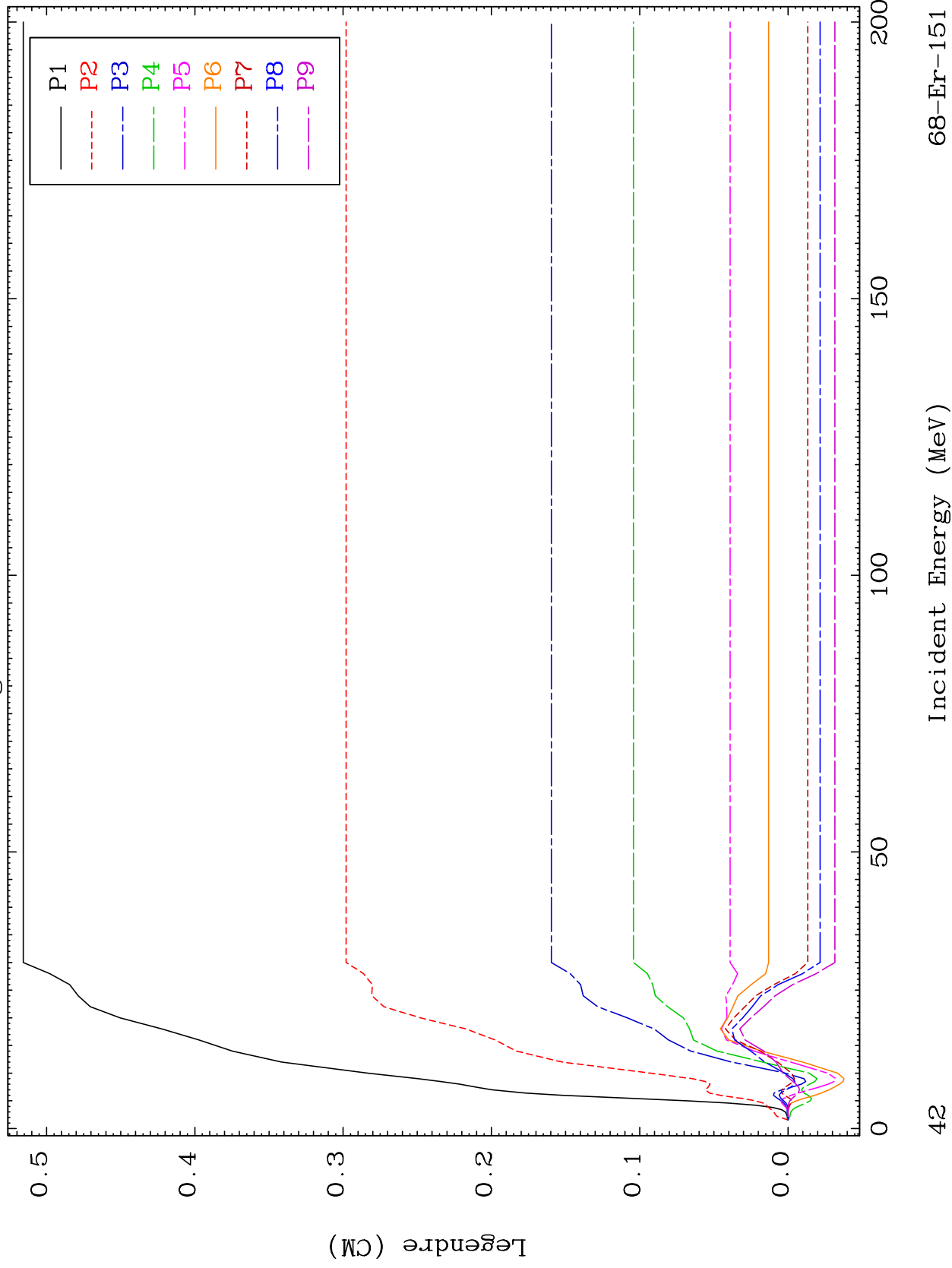
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



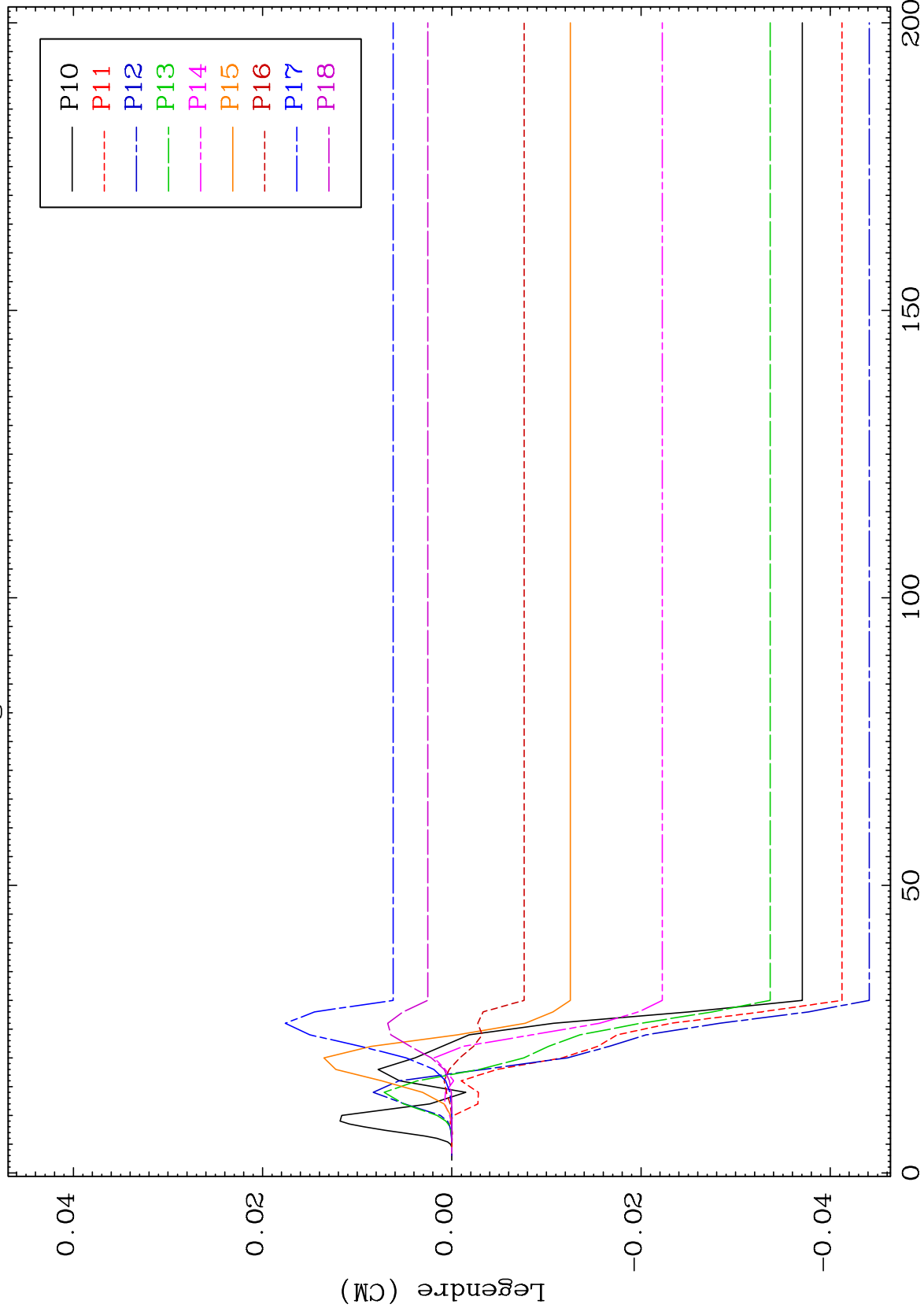
42

68-Er-151

MAT 6792

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

68-Er-151



43

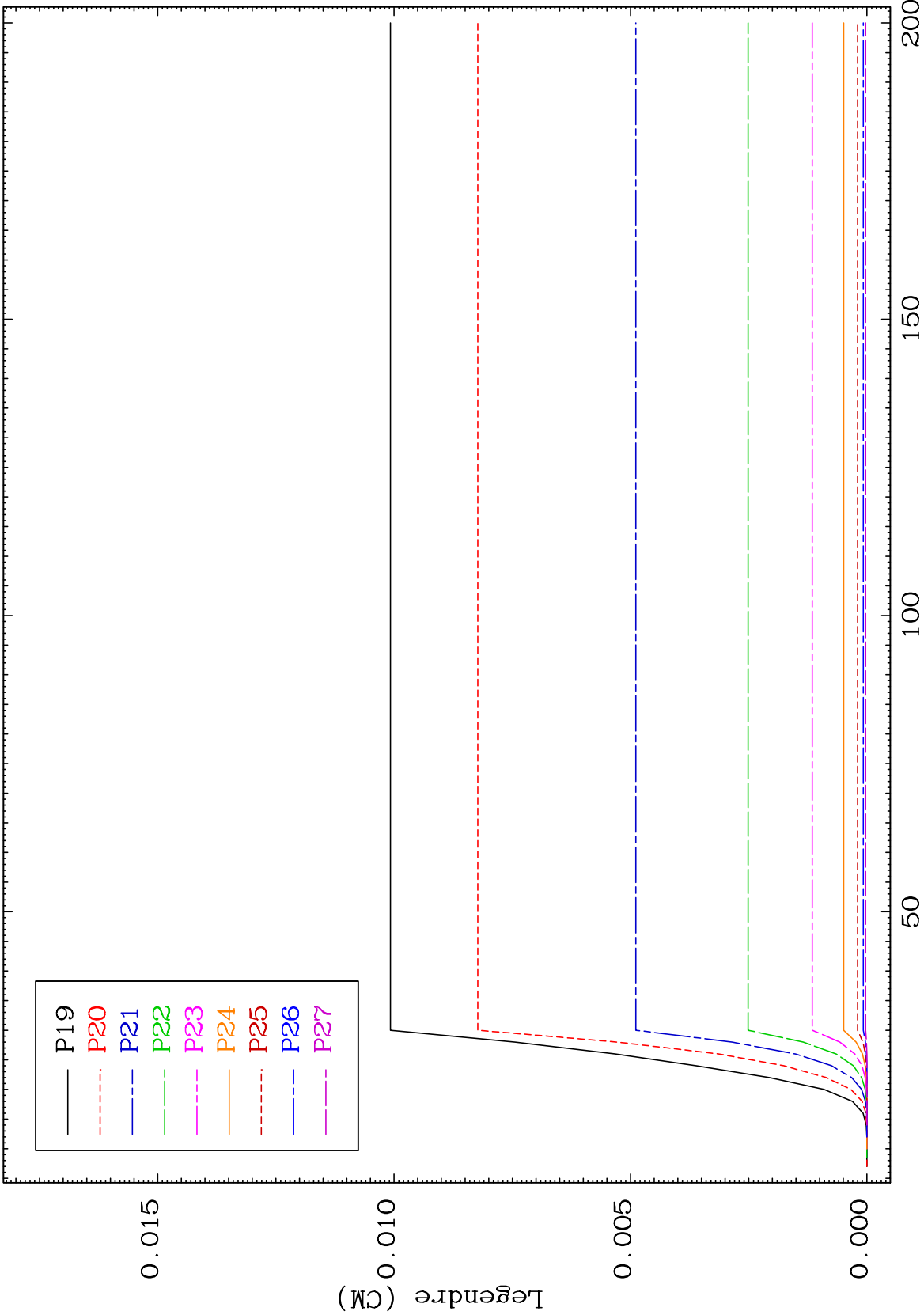
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



44

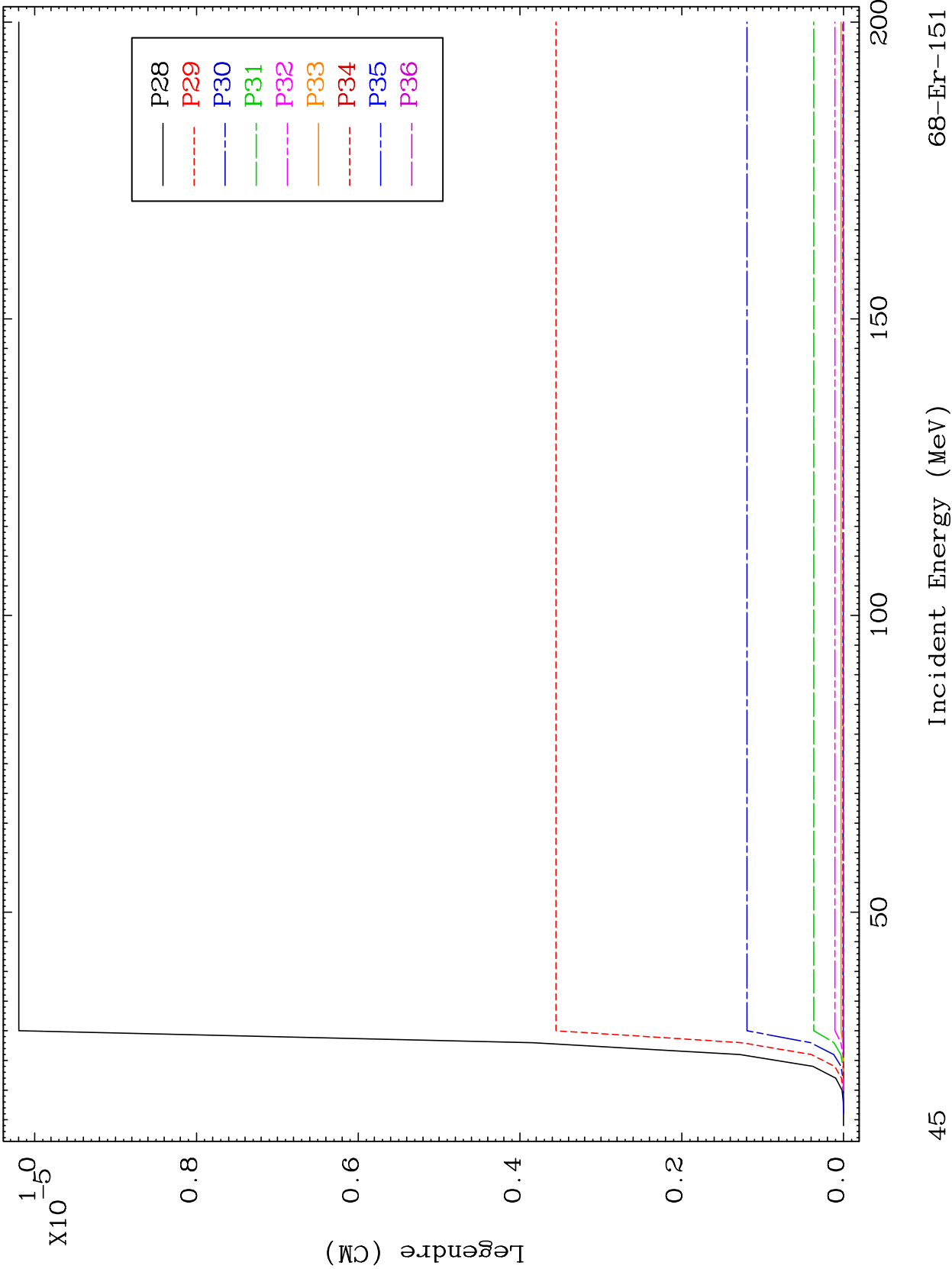
Incident Energy (MeV)

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MAT 6792

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

68-Er-151



45

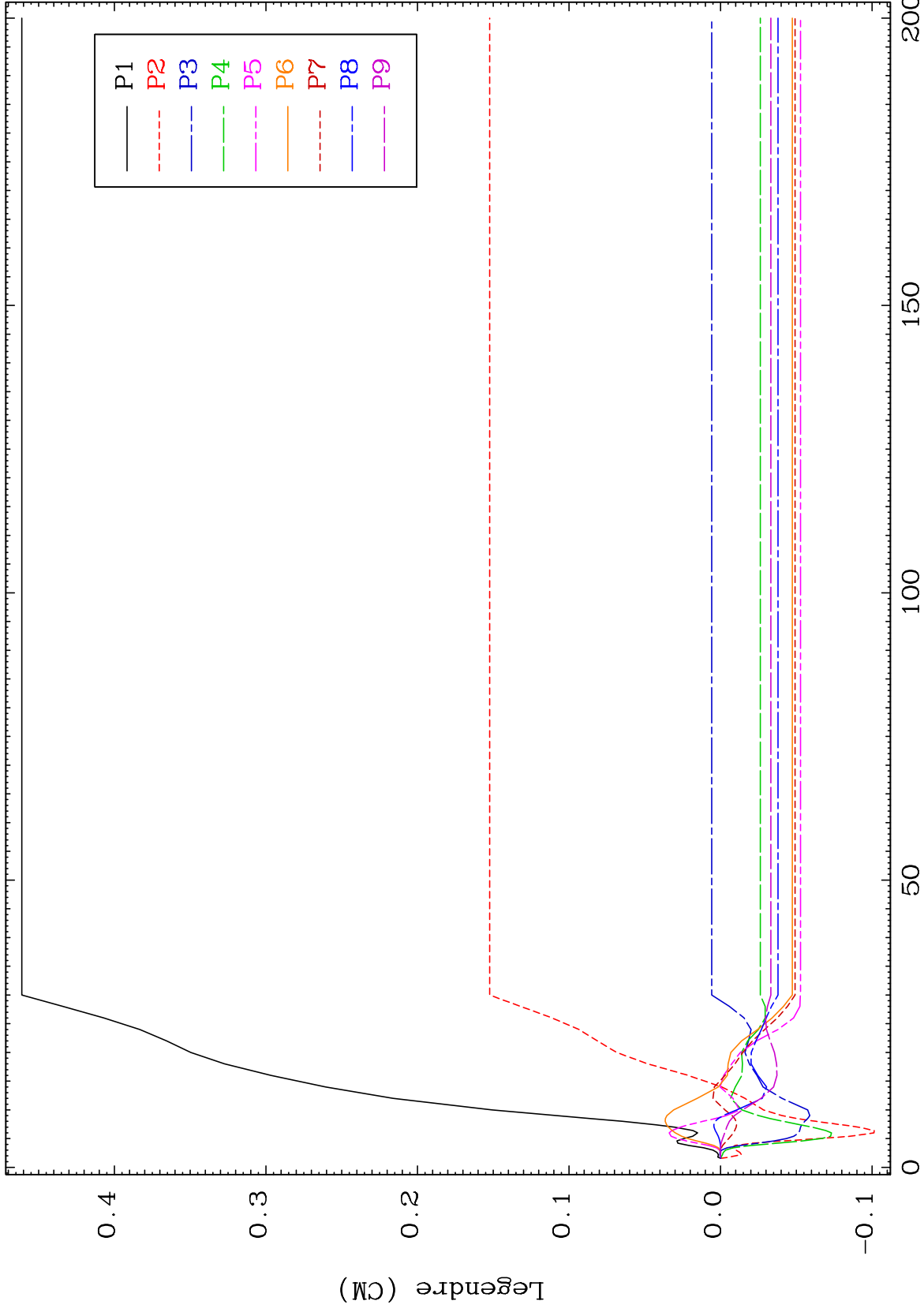
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



46

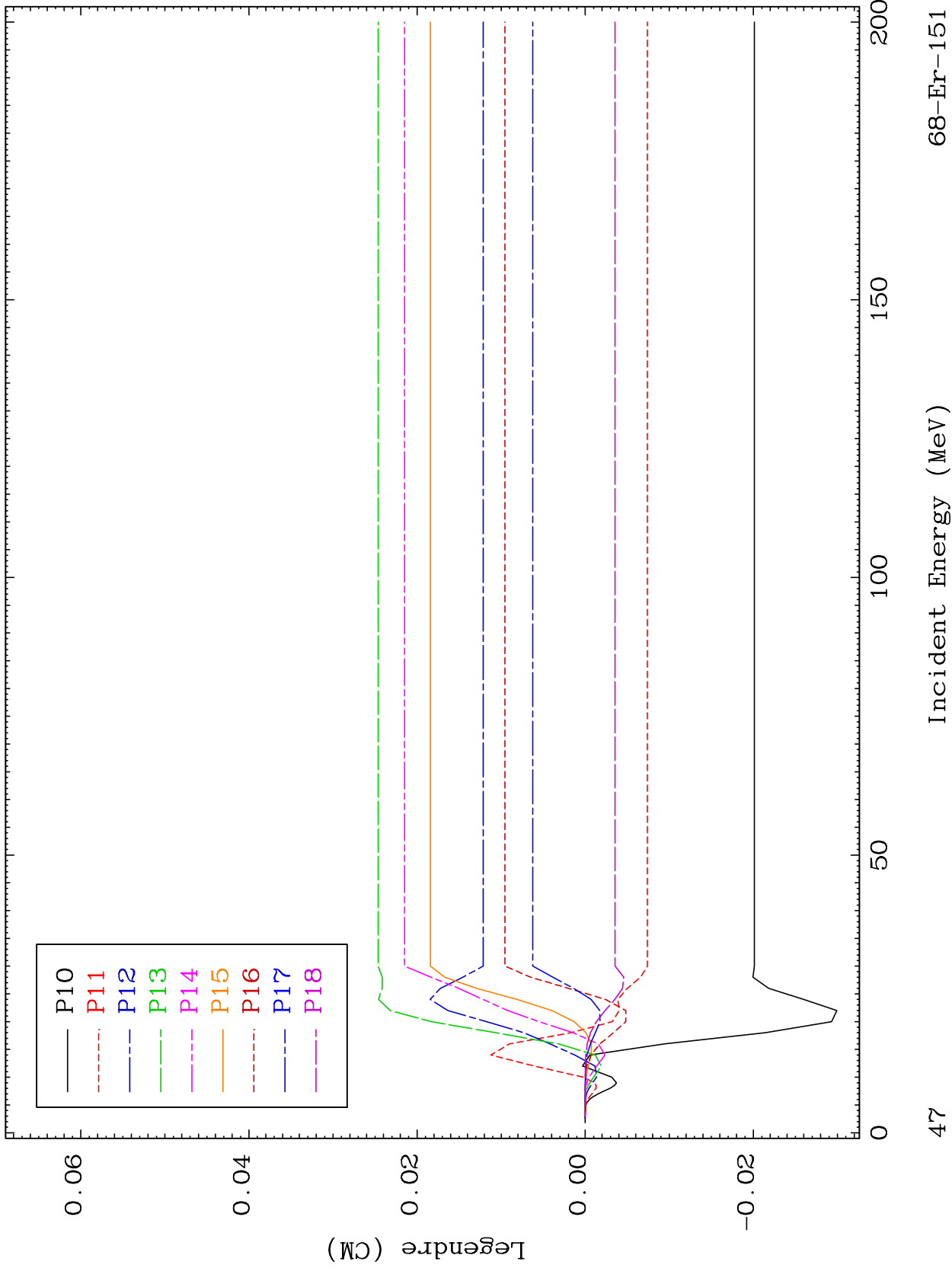
68-Er-151

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

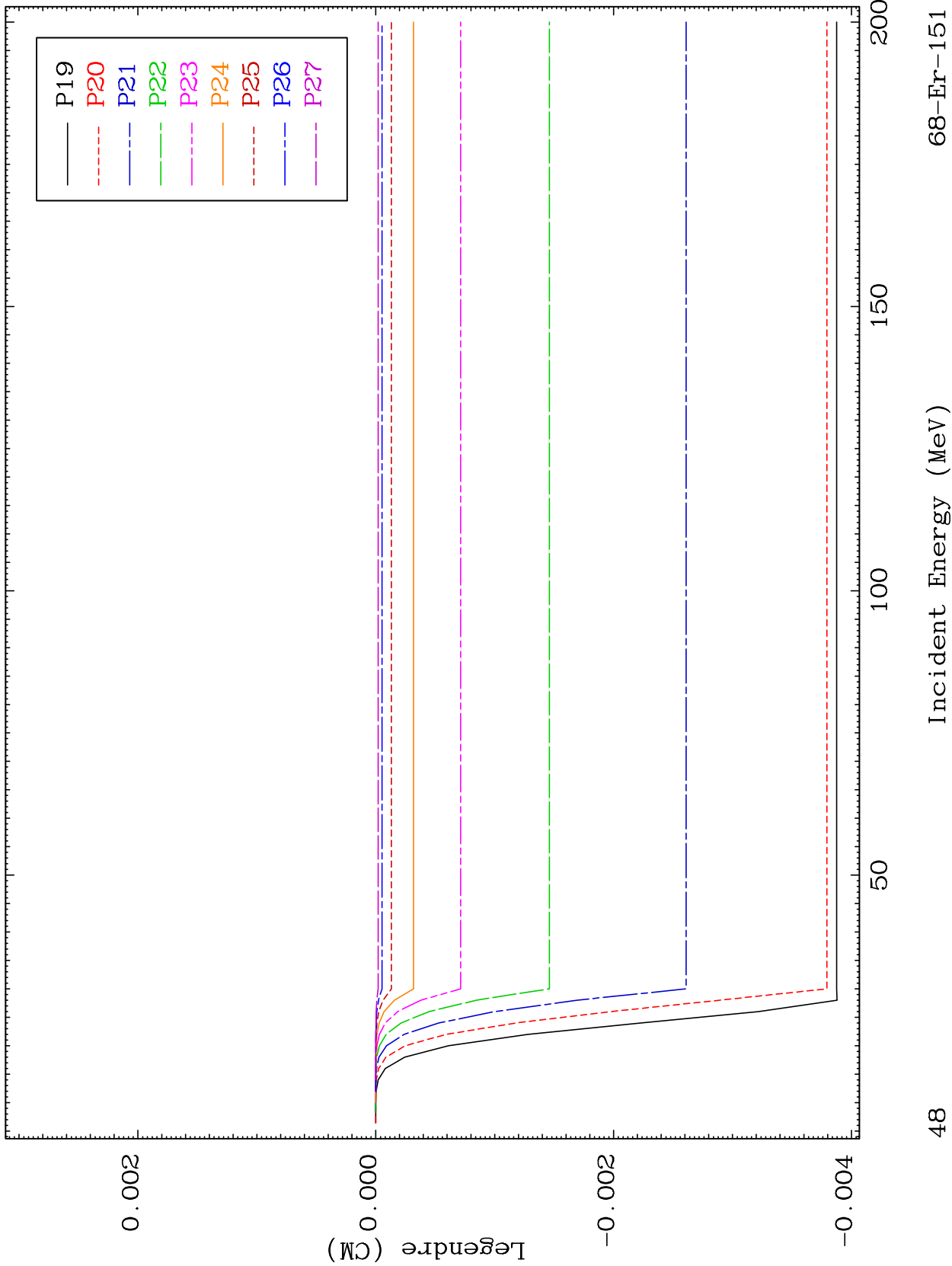
Incident Energy (MeV)

47

MAT 6792

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

68-Er-151



48

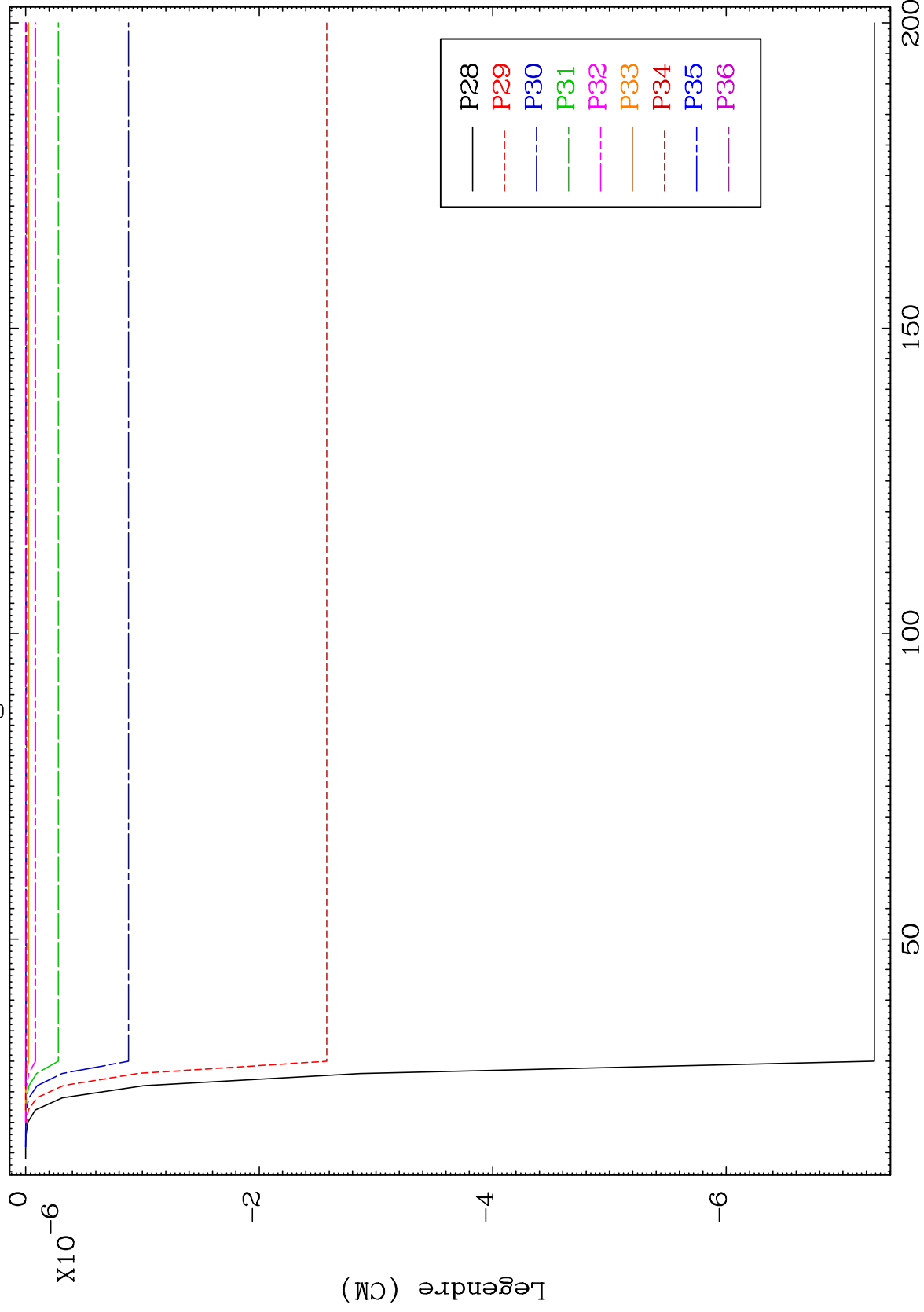
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



49

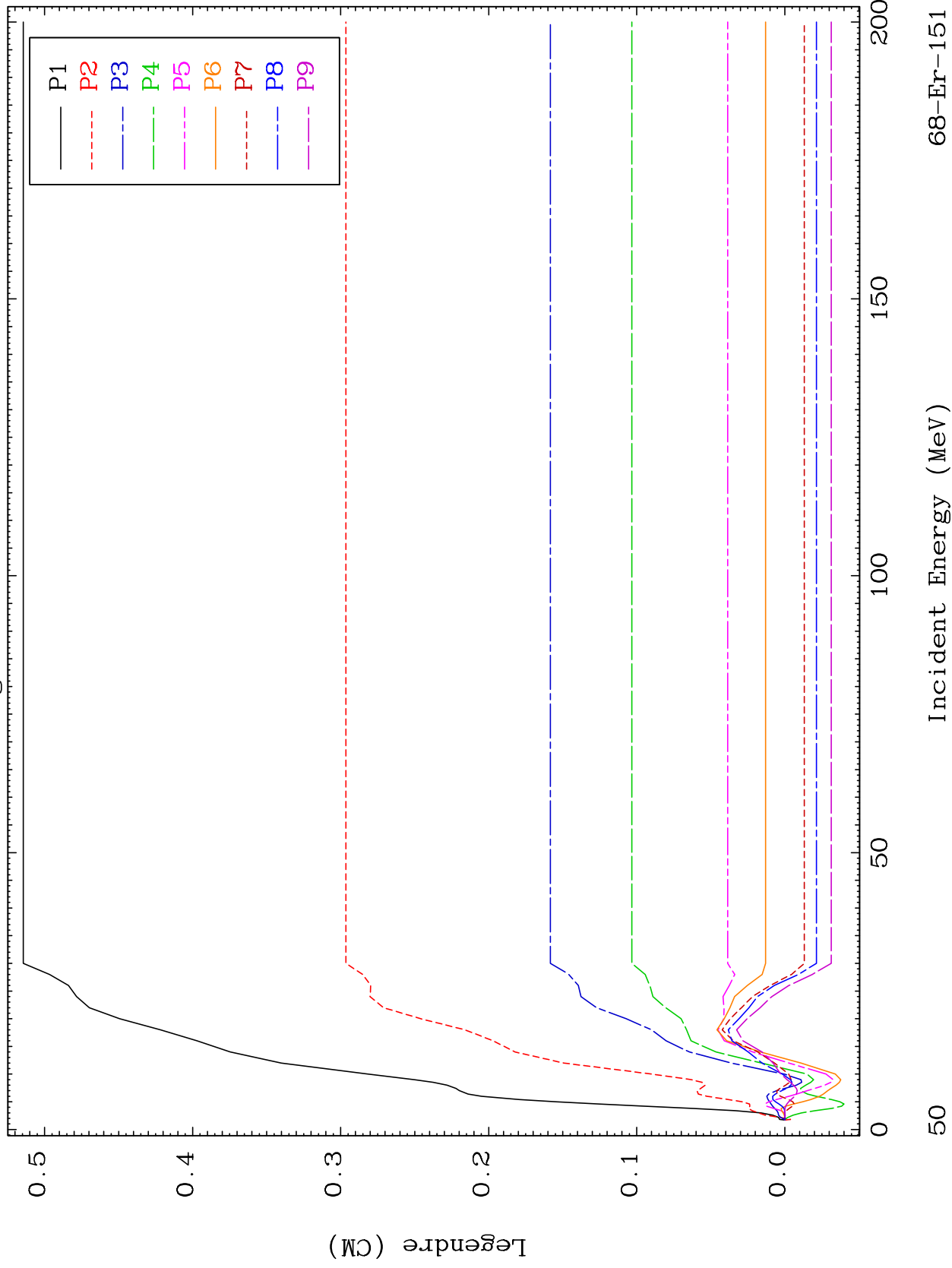
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



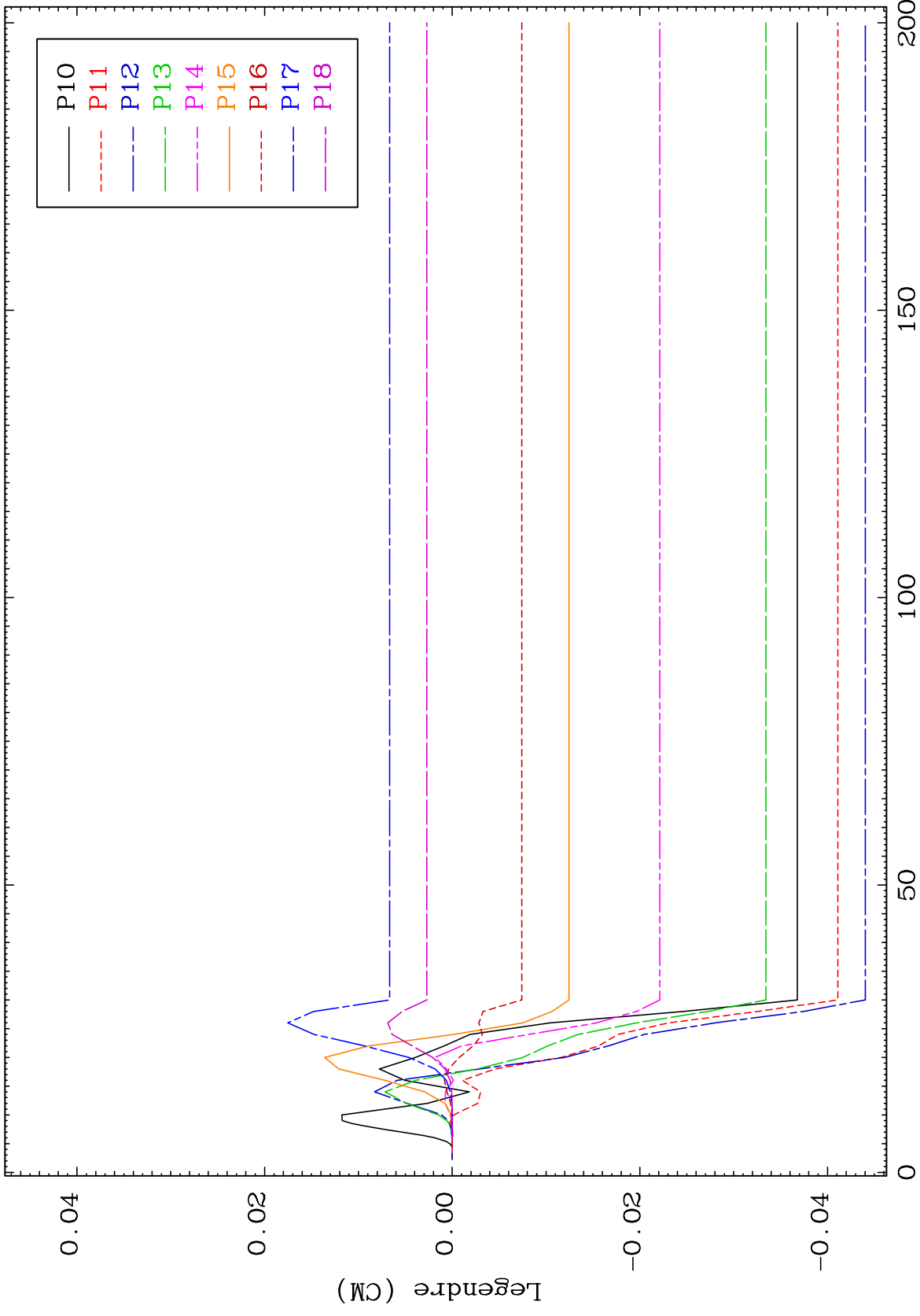
68-Er-151

Incident Energy (MeV)

MAT 6792

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

68-Er-151



51

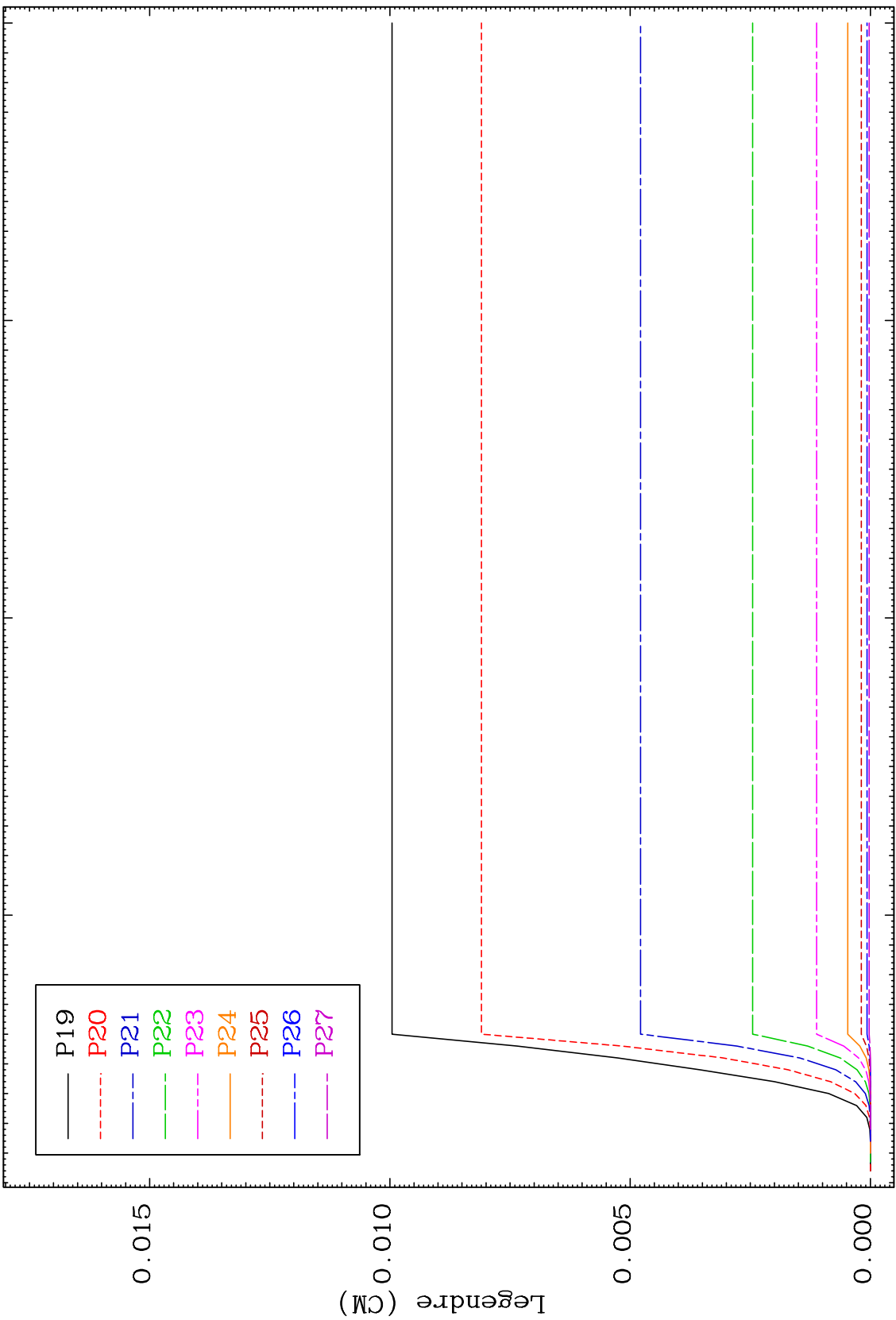
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



52

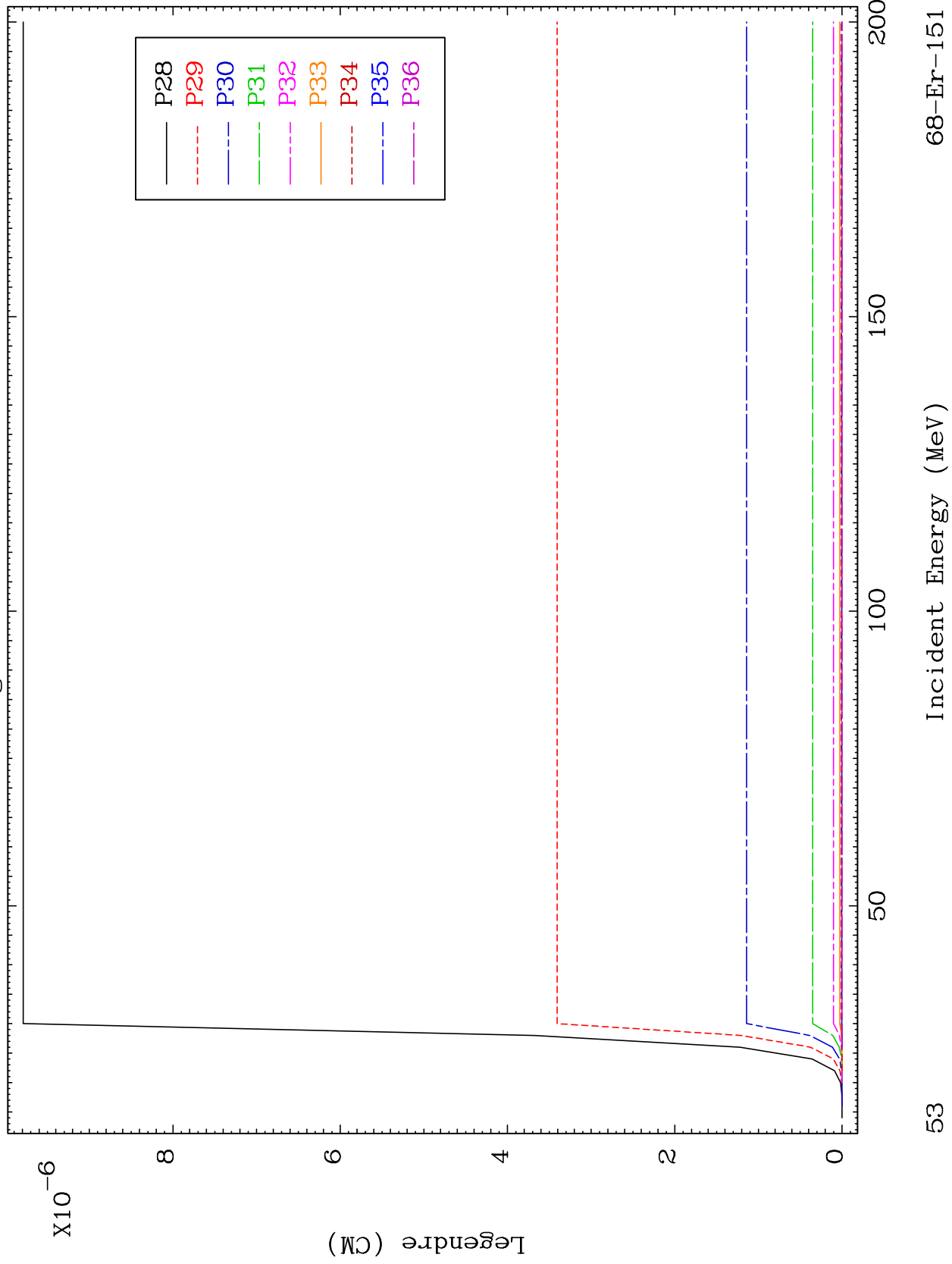
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



53

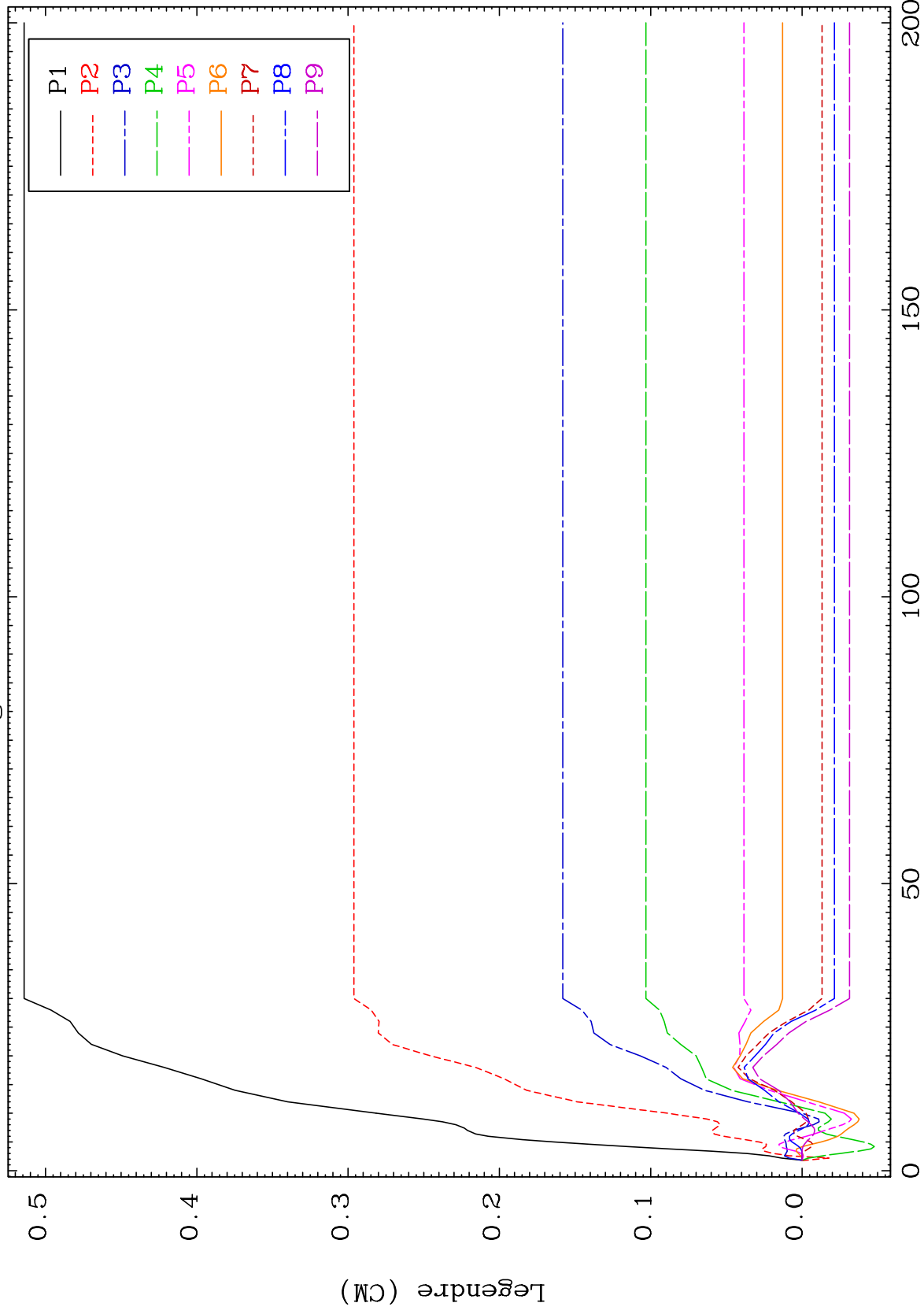
68-Er-151

MAT 6792

MT= 59 (n,n') Level

68-Er-151

Legendre Coefficients



54

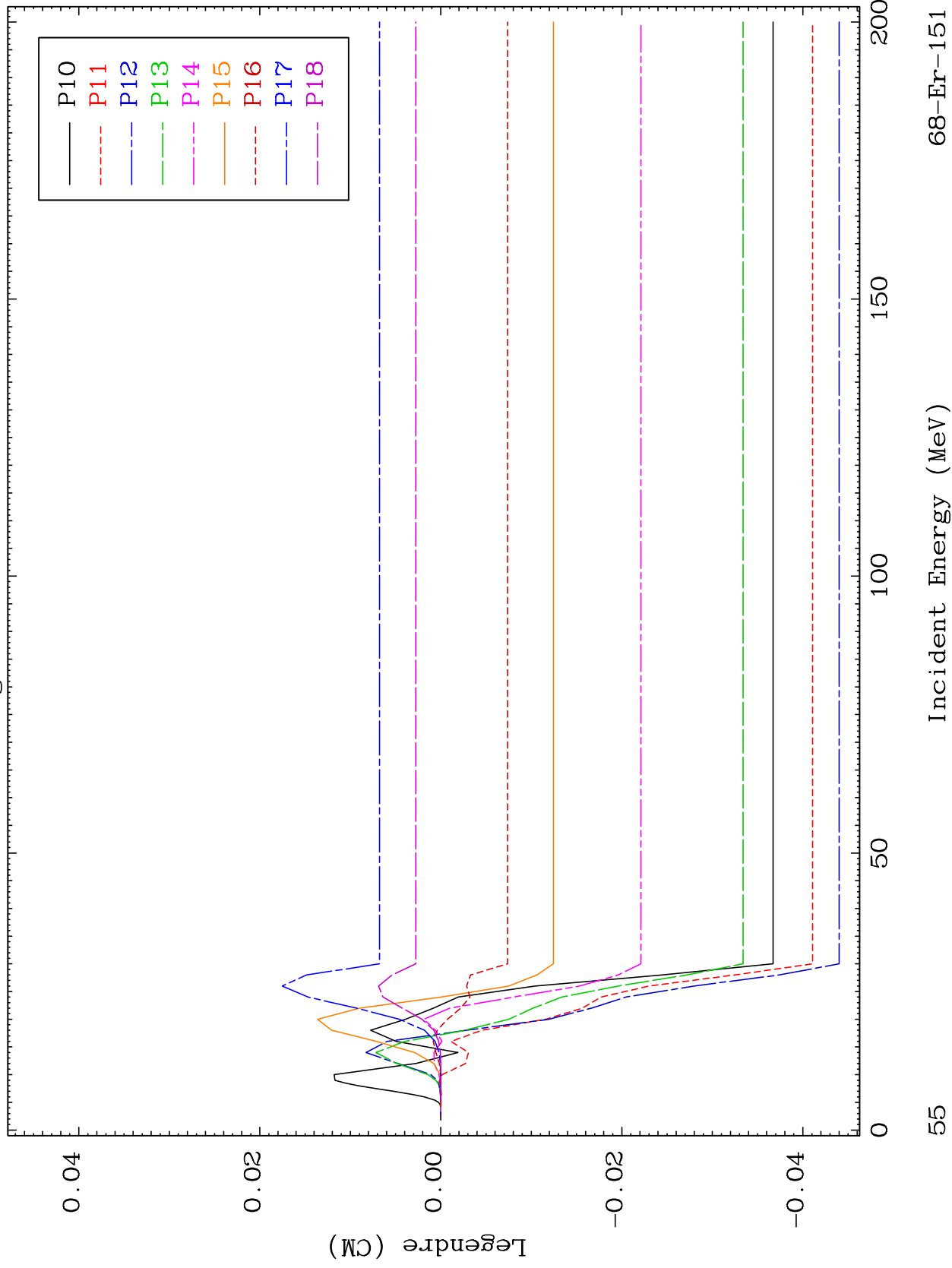
Incident Energy (MeV)

68-Er-151

MAT 6792

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

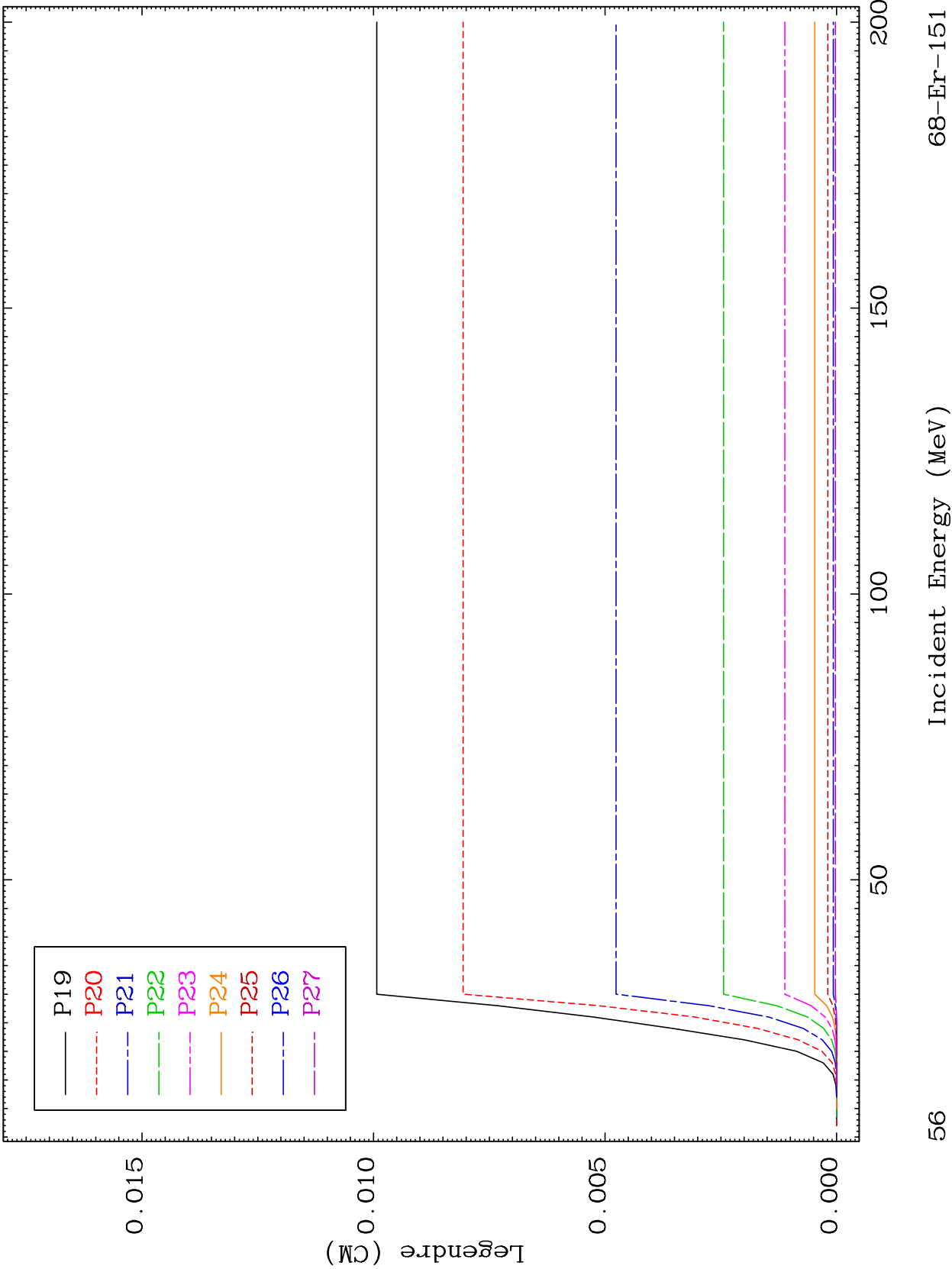
68-Er-151



68-Er-151

Incident Energy (MeV)

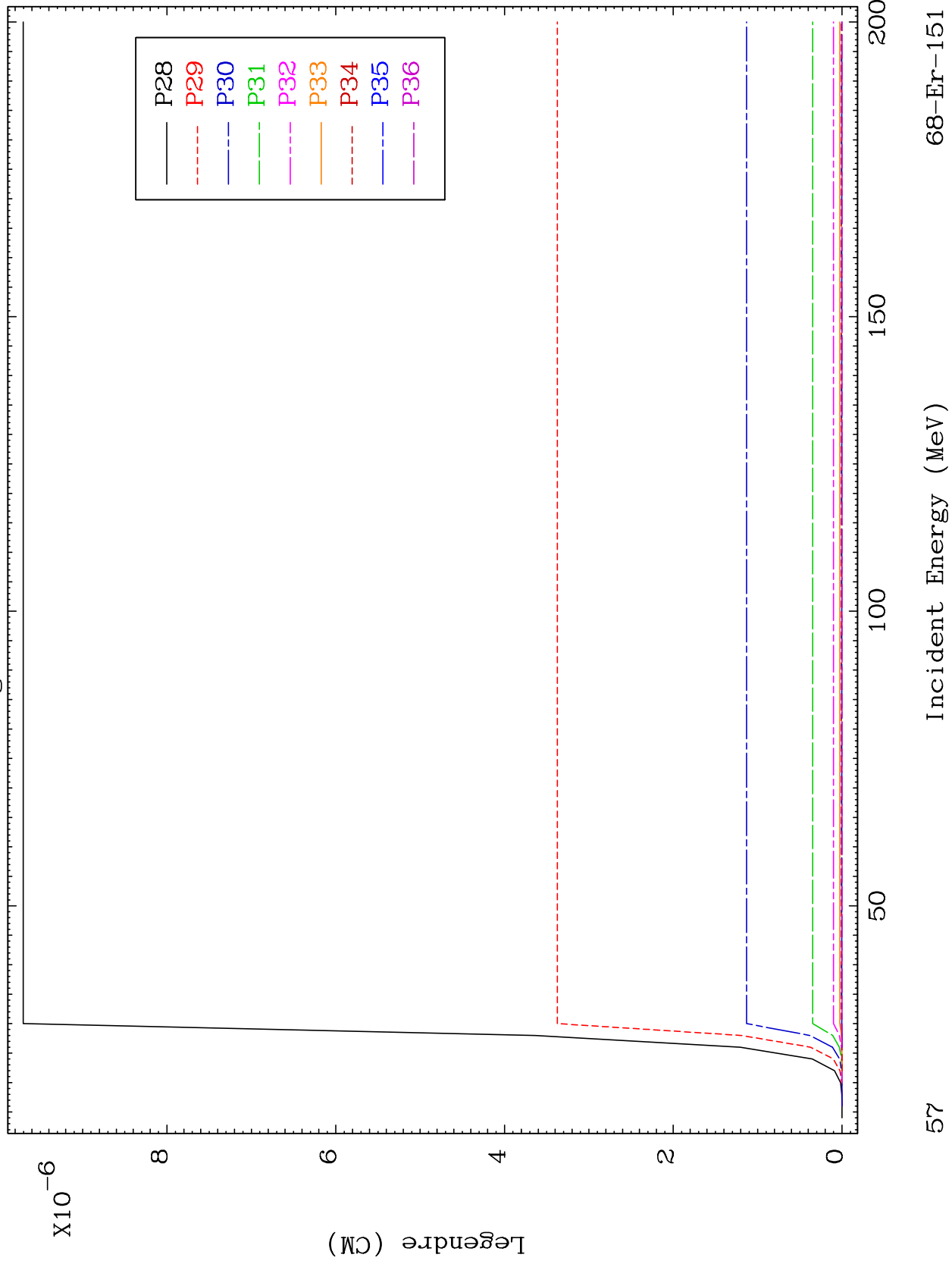
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MAT 6792

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

68-Er-151



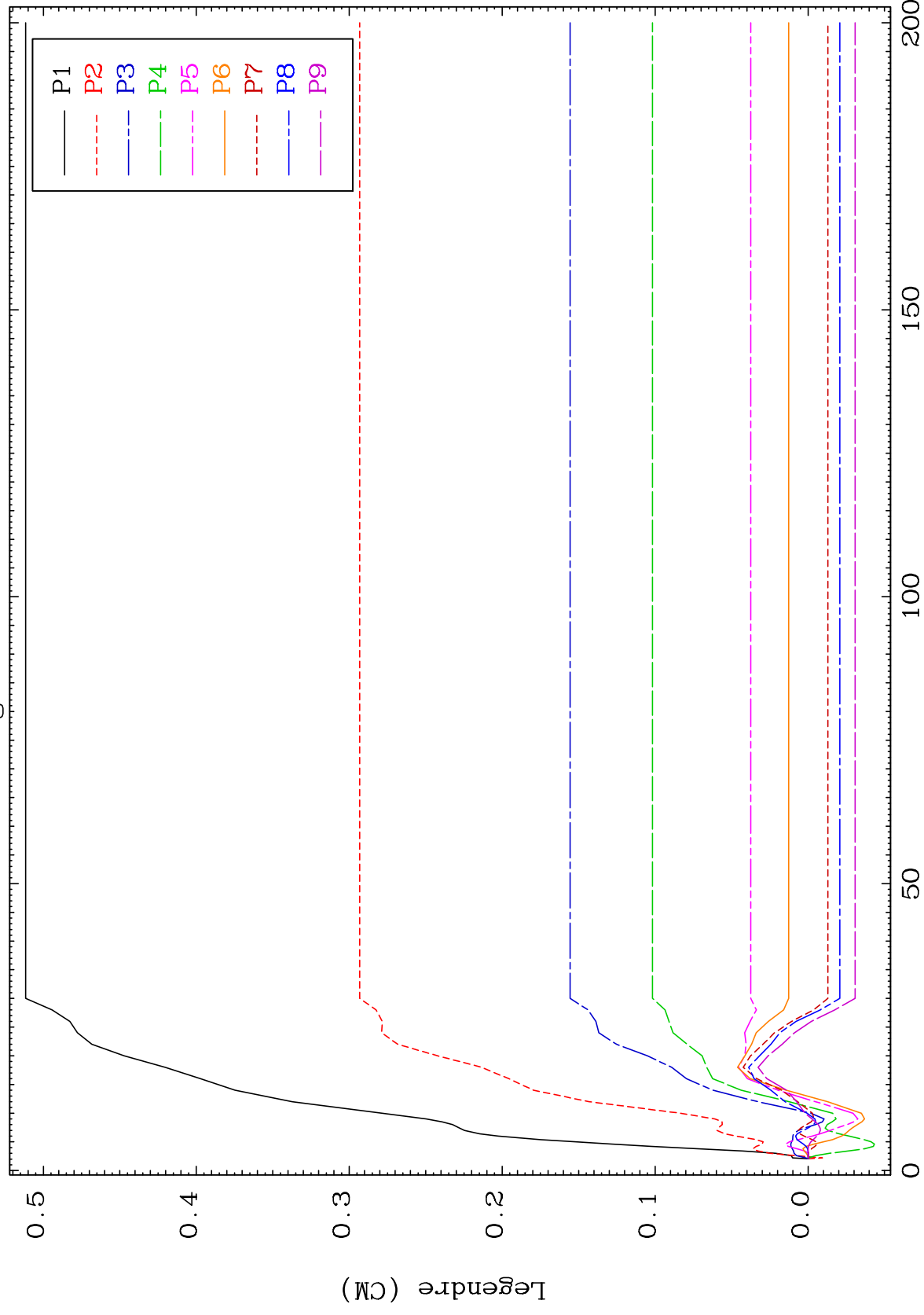
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68-Er-151

MAT 6792

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

68-Er-151



58

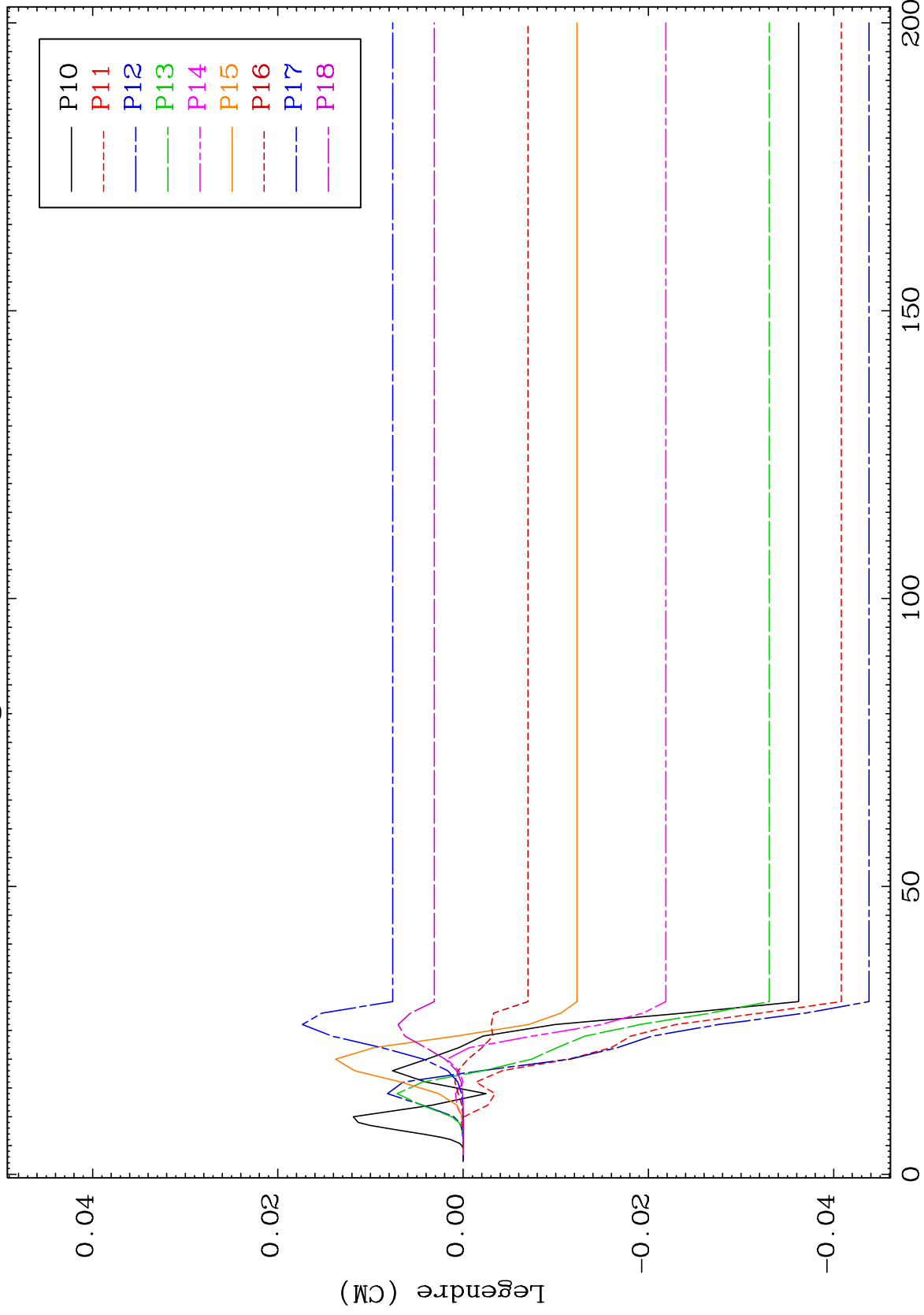
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



59

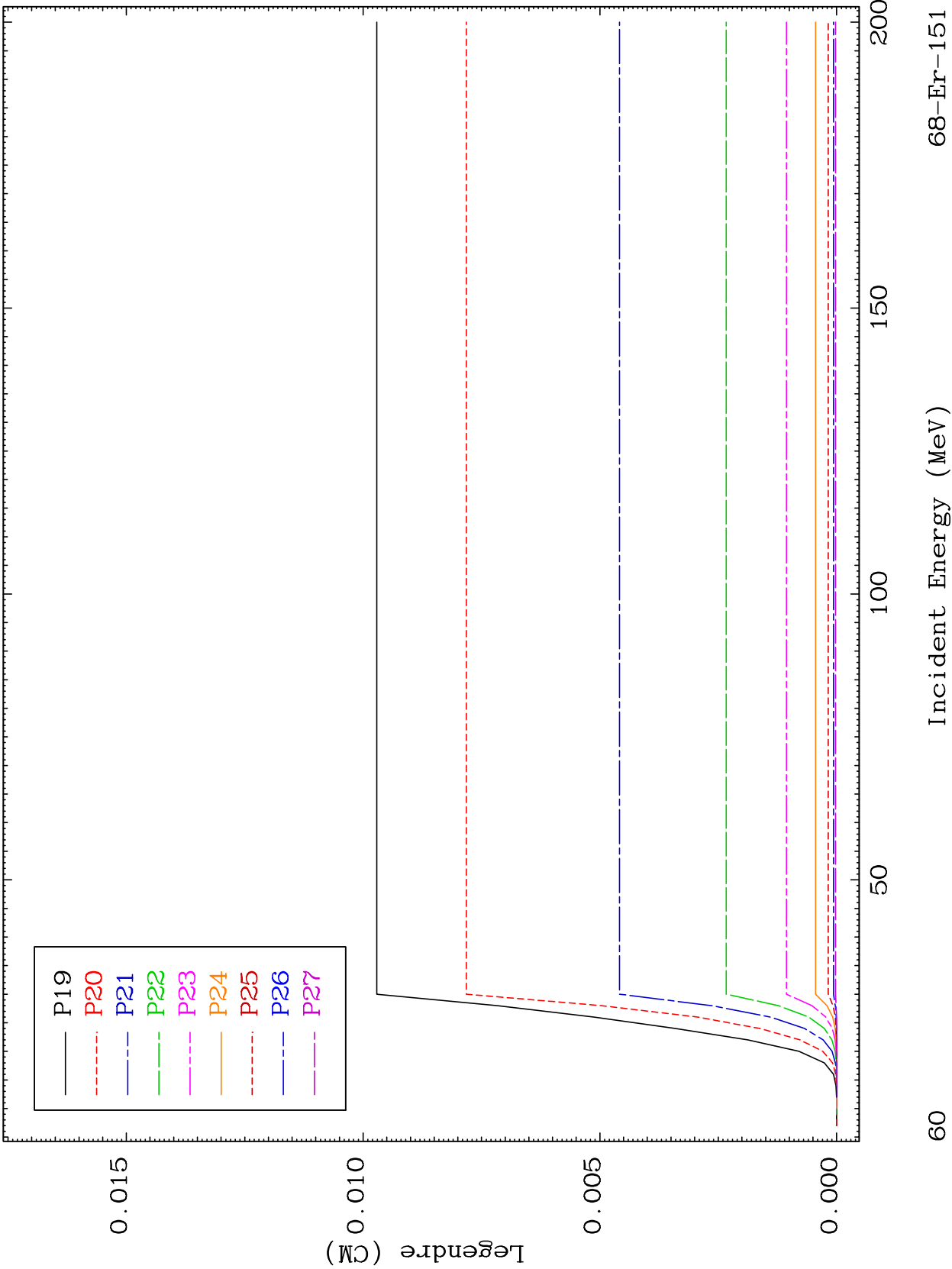
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



60

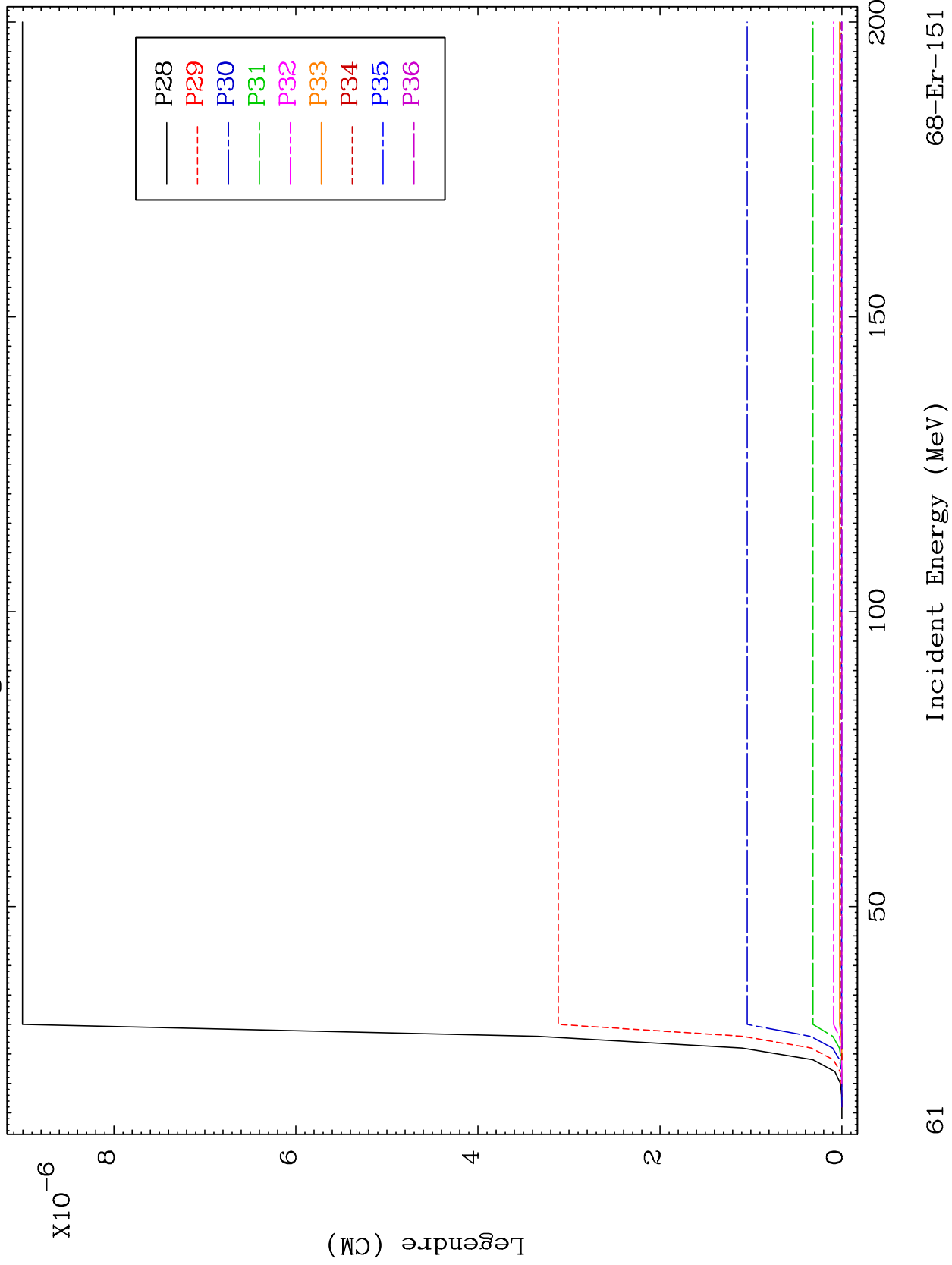
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



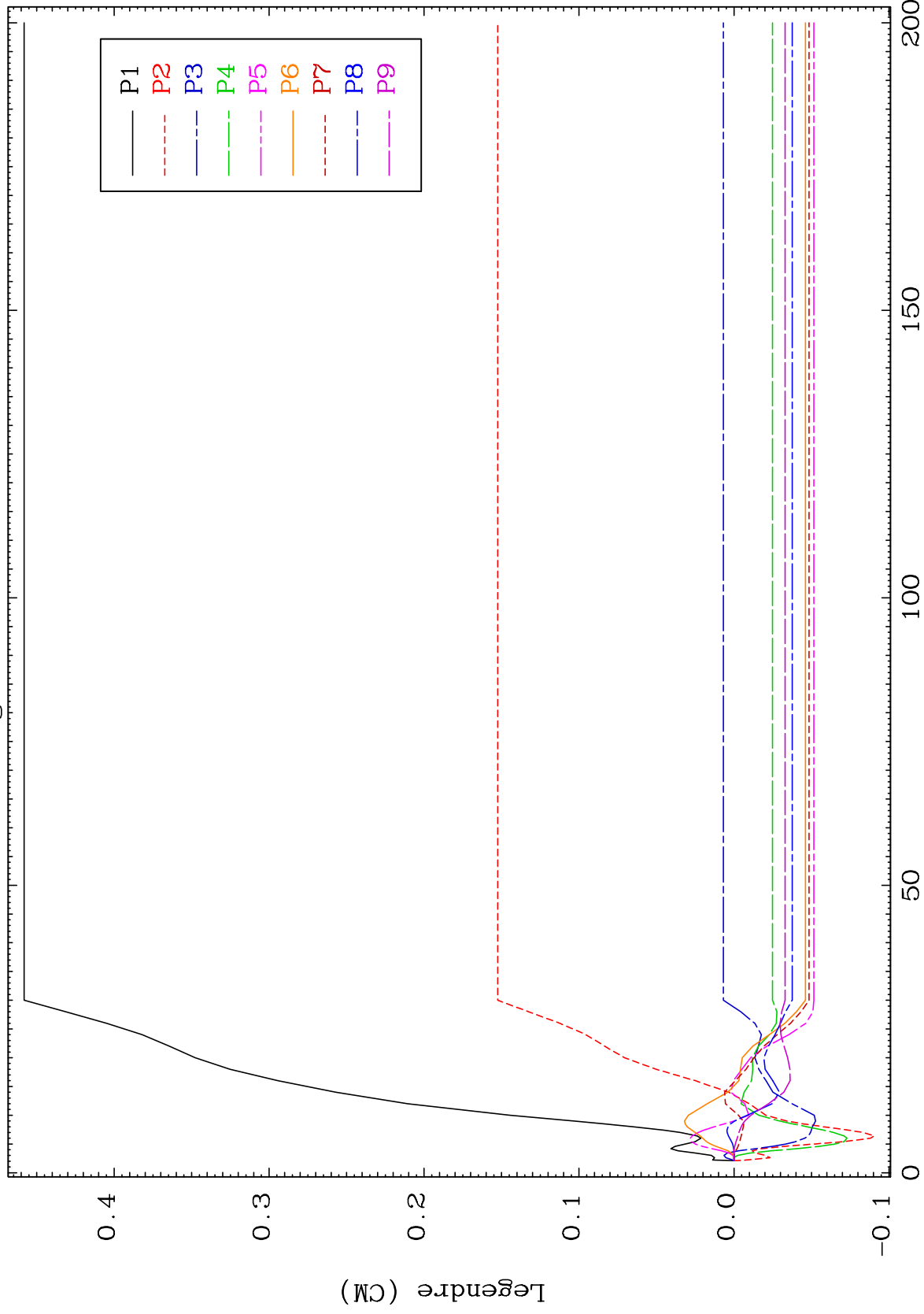
61

68-Er-151

MAT 6792

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

68-Er-151



68

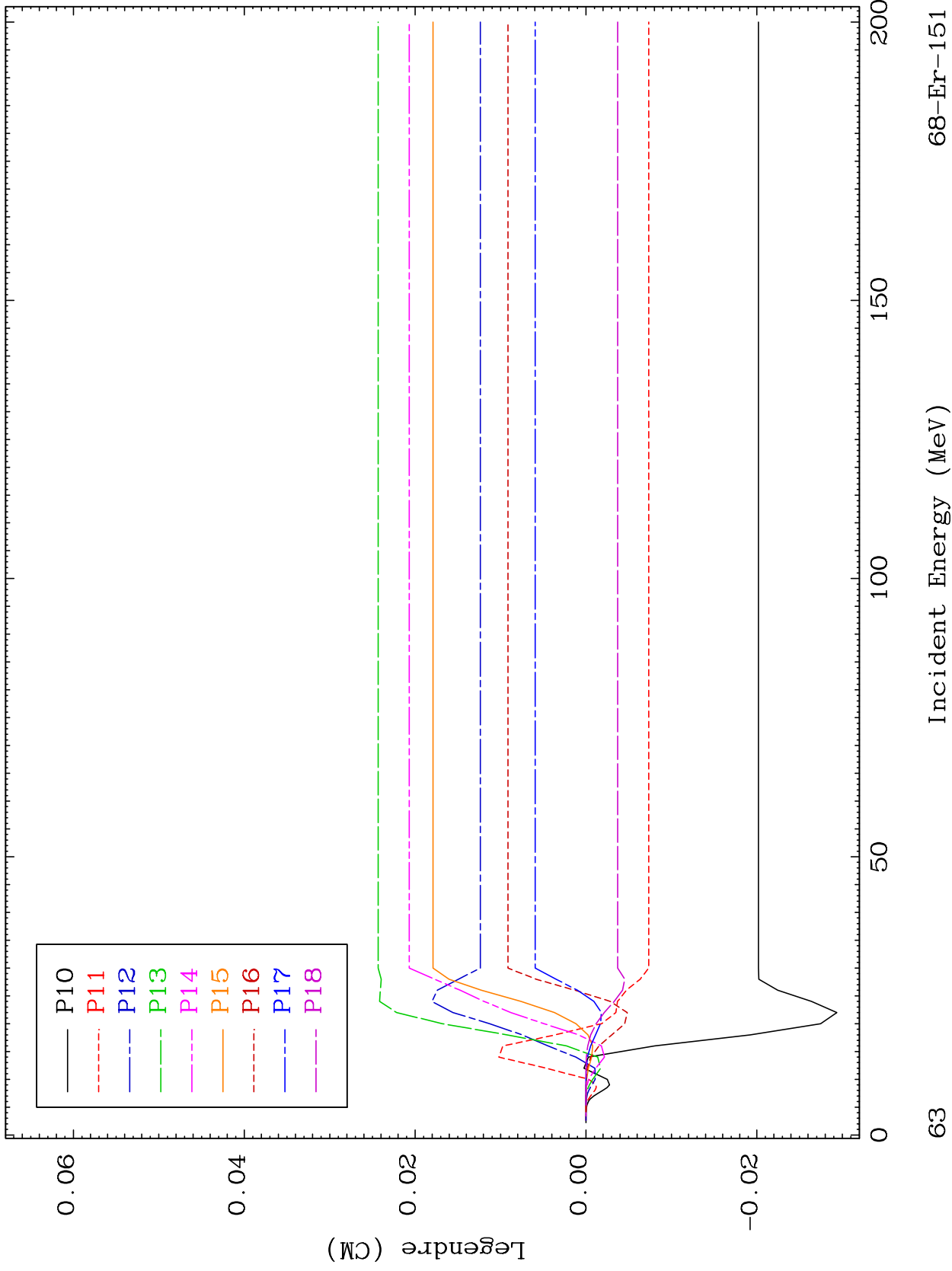
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



63

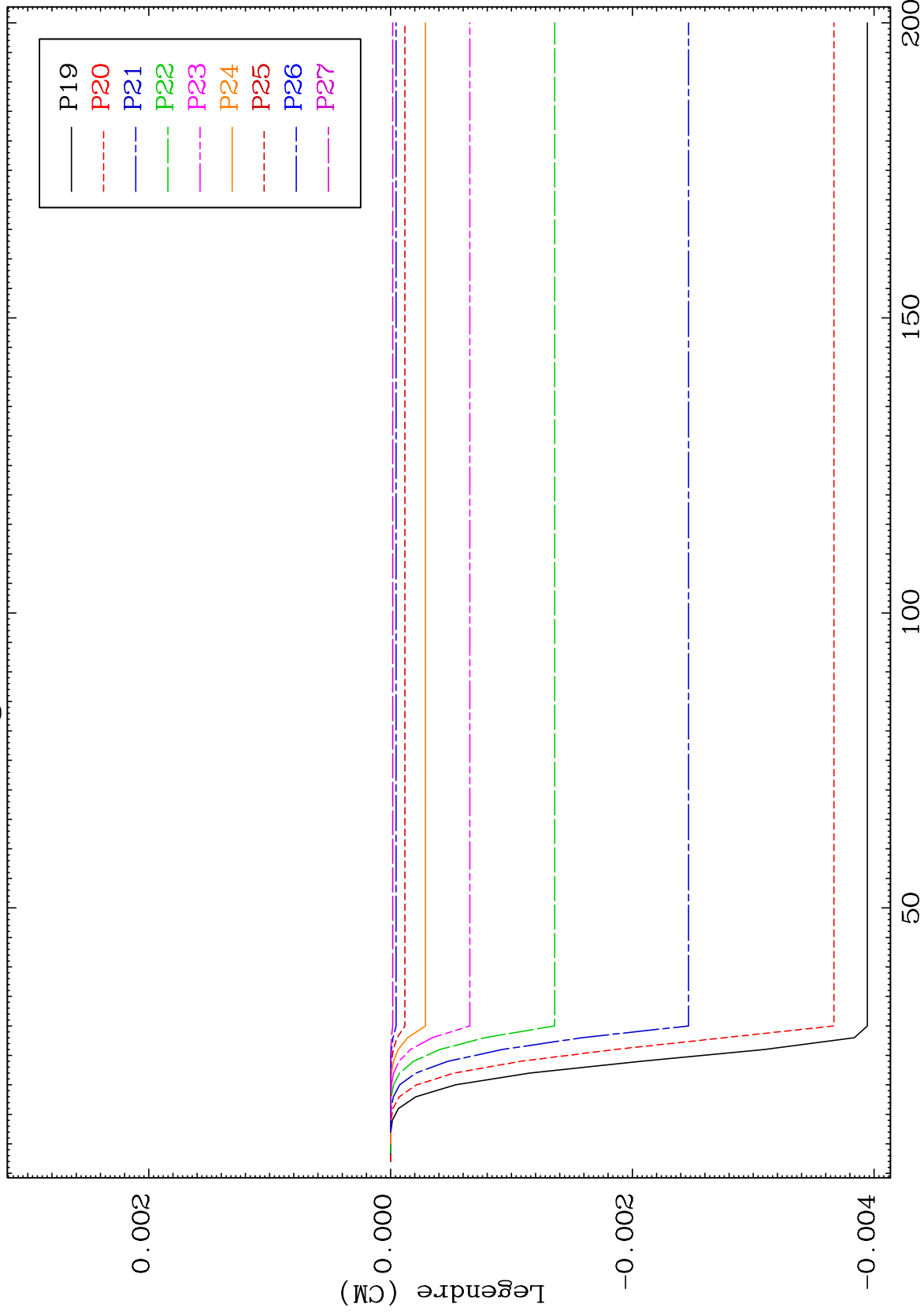
Incident Energy (MeV)

68-Er-151

MAT 6792

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

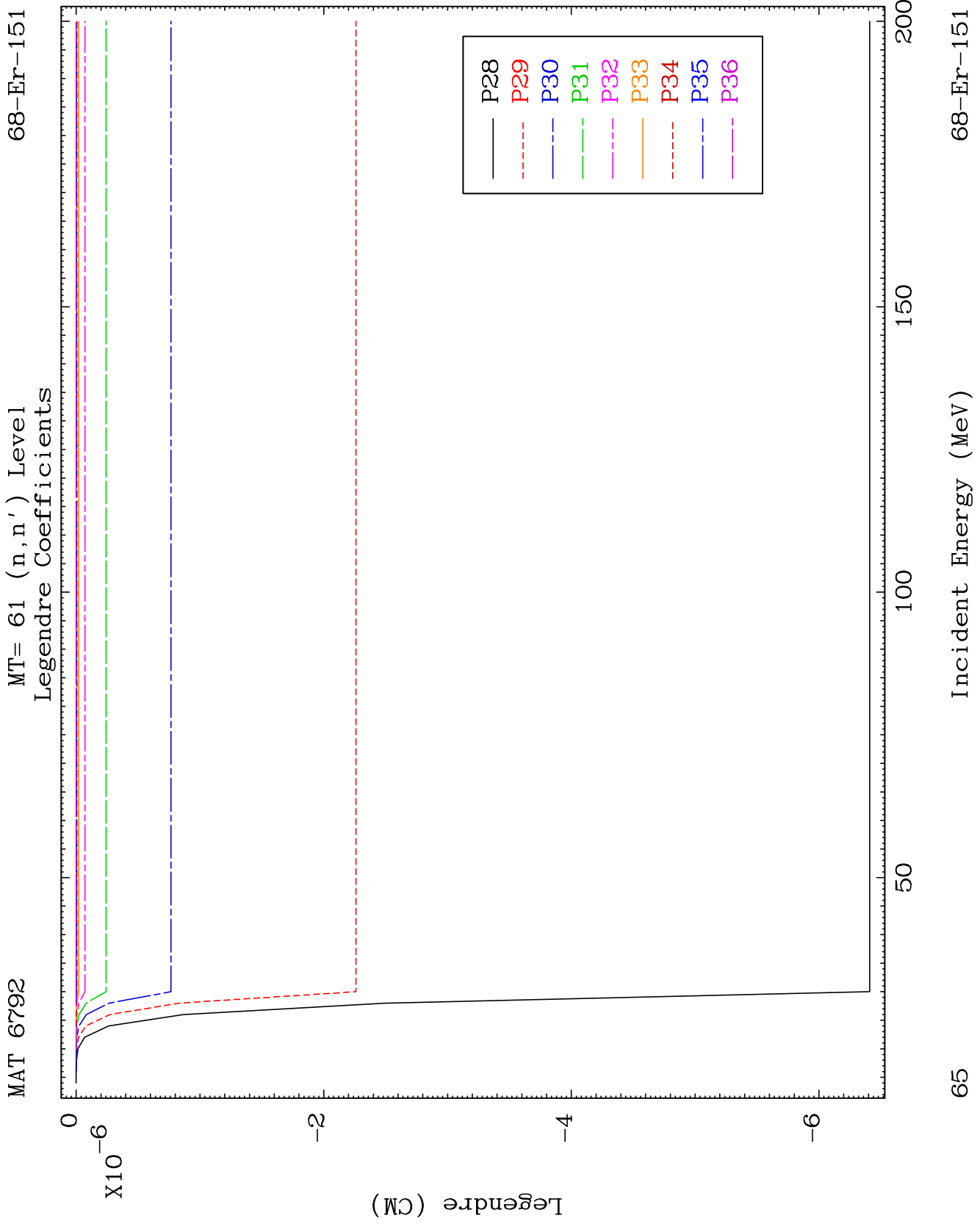
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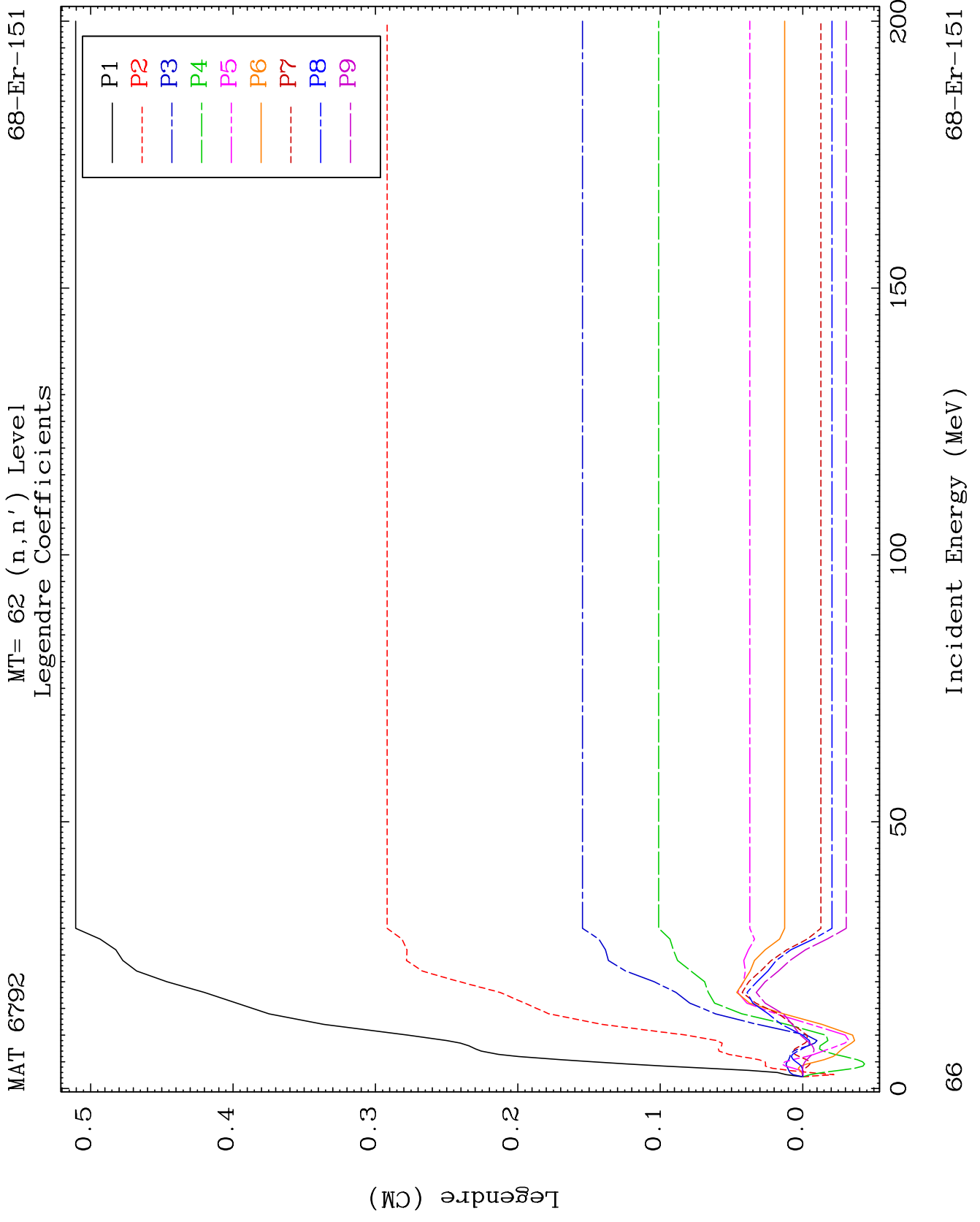


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Incident Energy (MeV)

68-Er-151

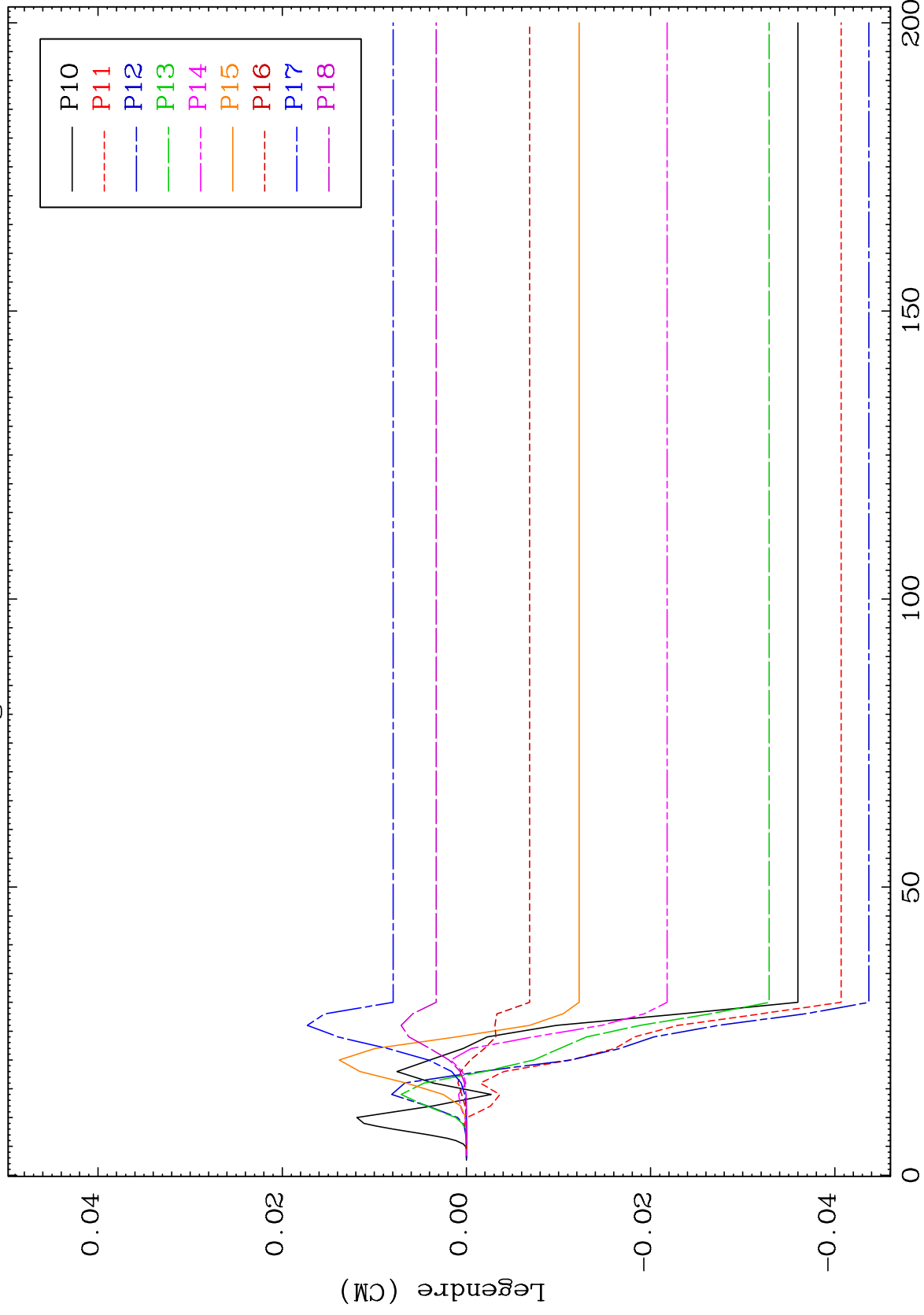




MAT 6792

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

68-Er-151



67

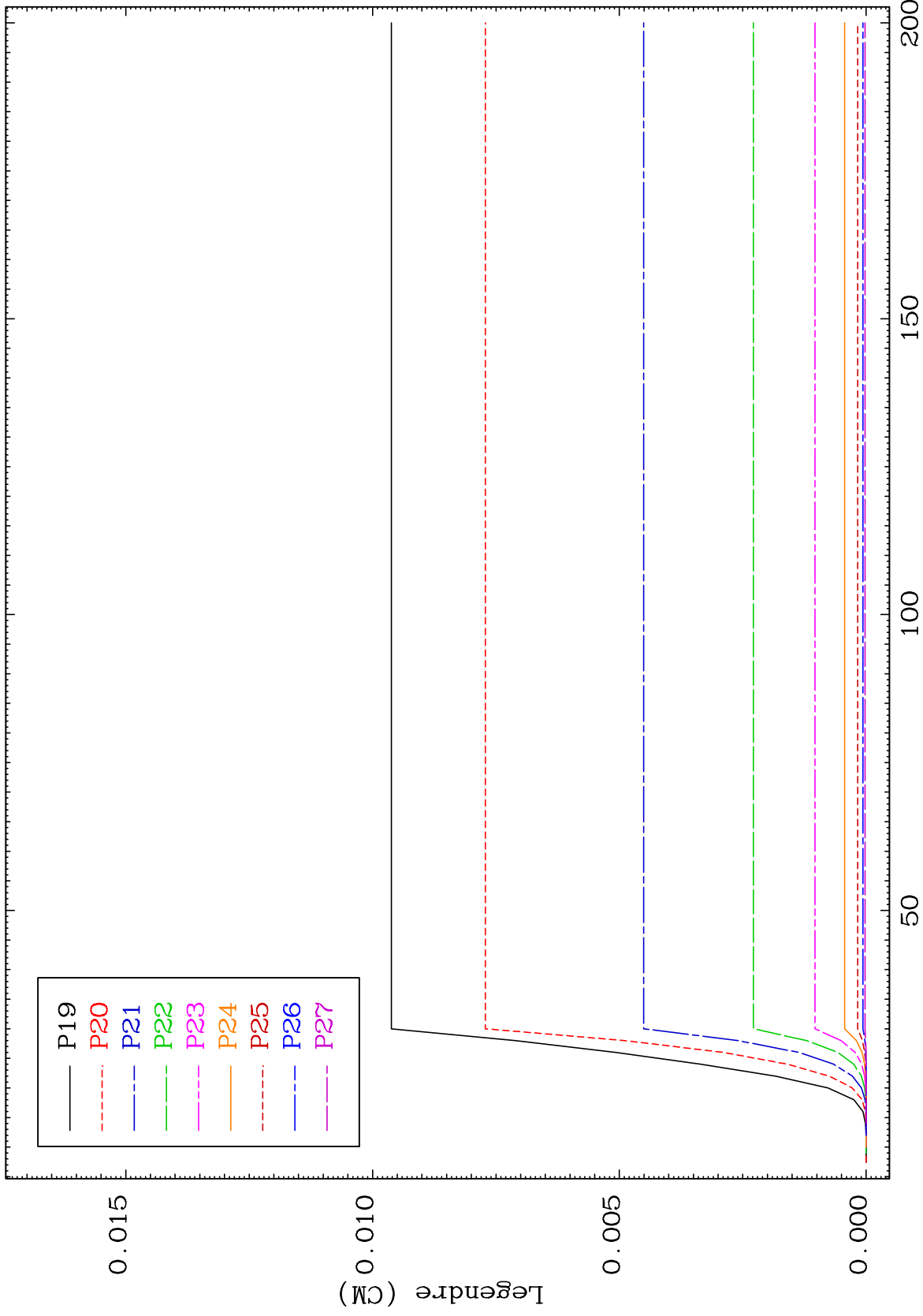
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68

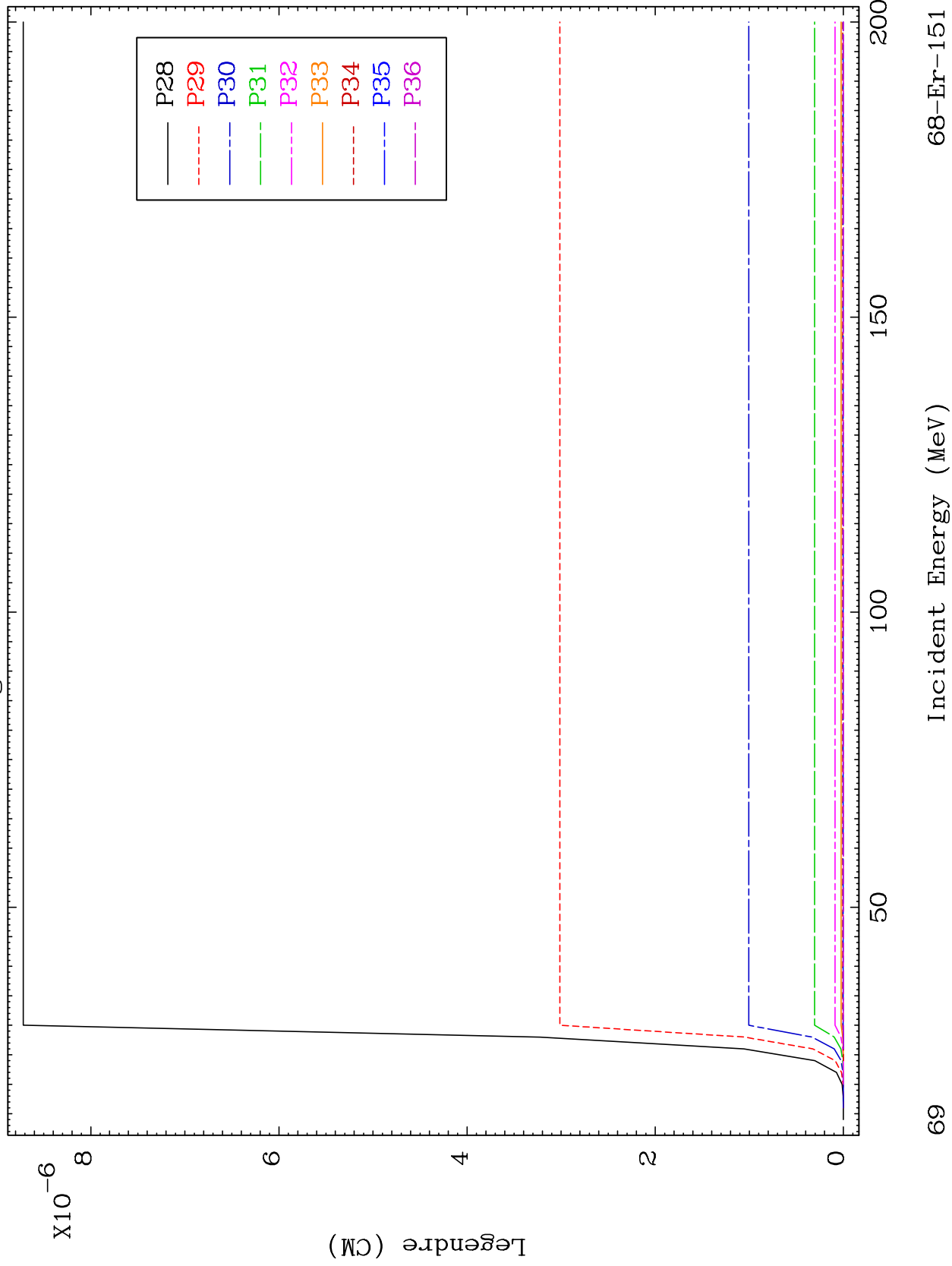
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



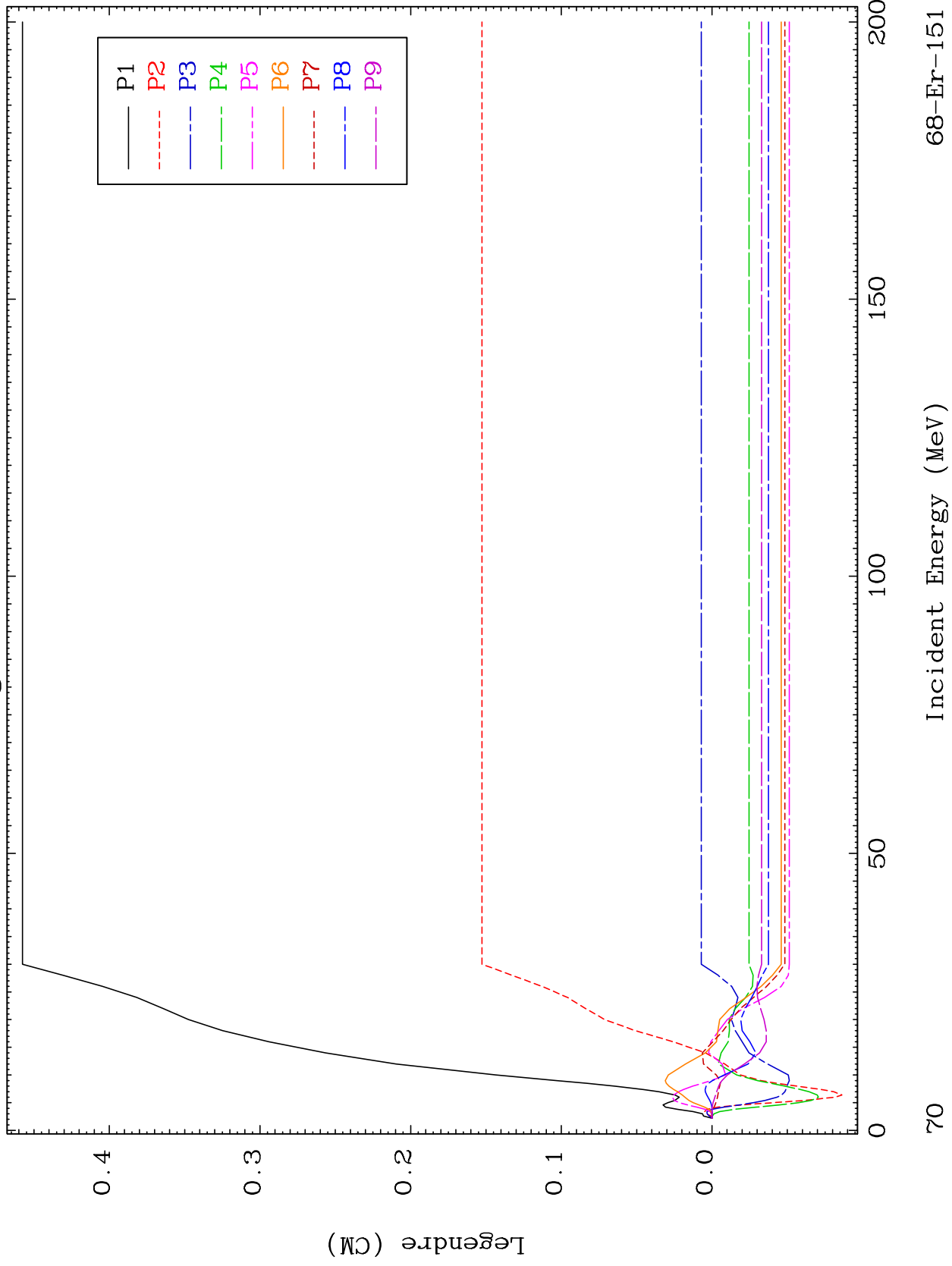
69

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

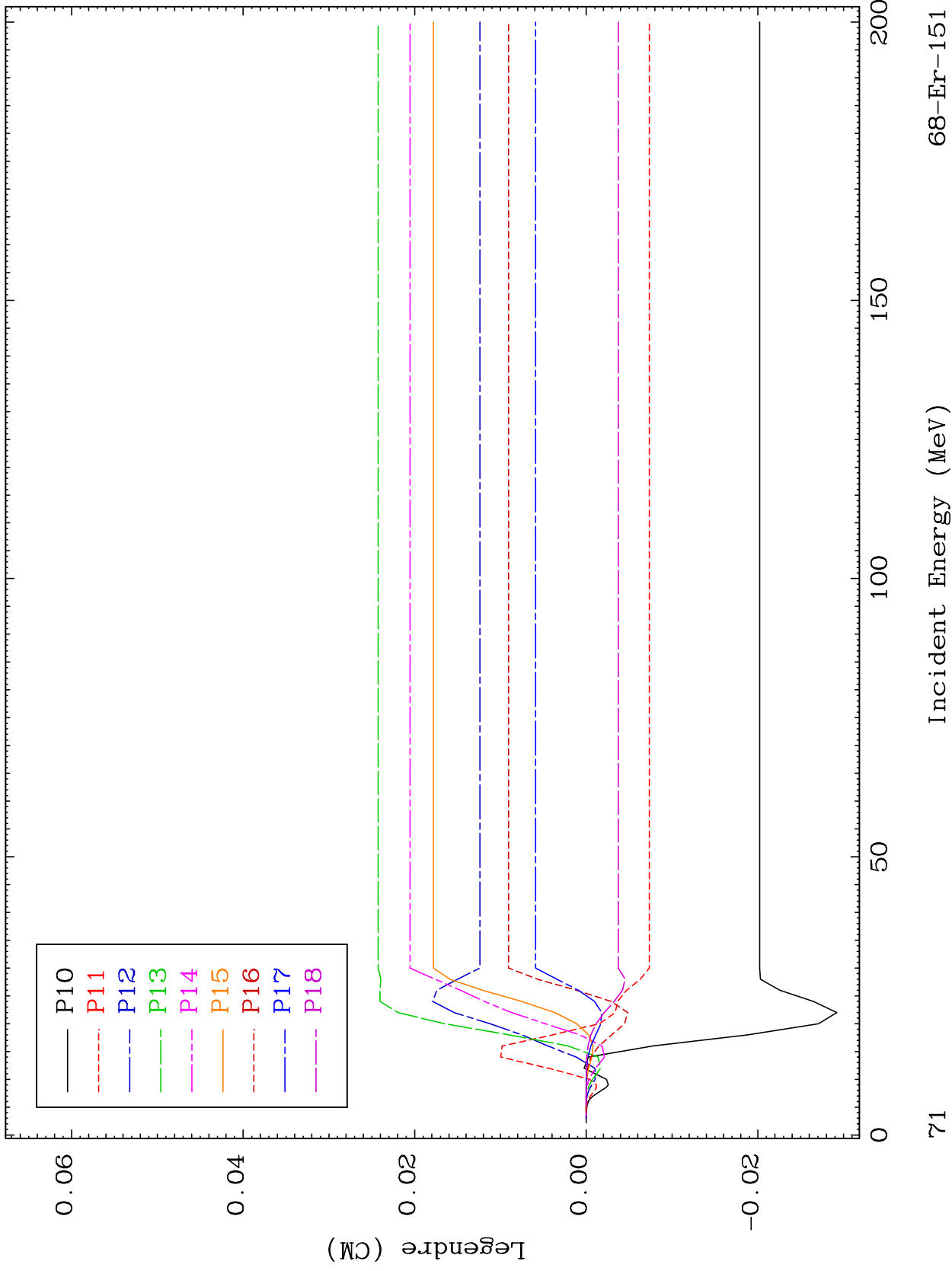
Incident Energy (MeV)

70

MAT 6792

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

68-Er-151



71

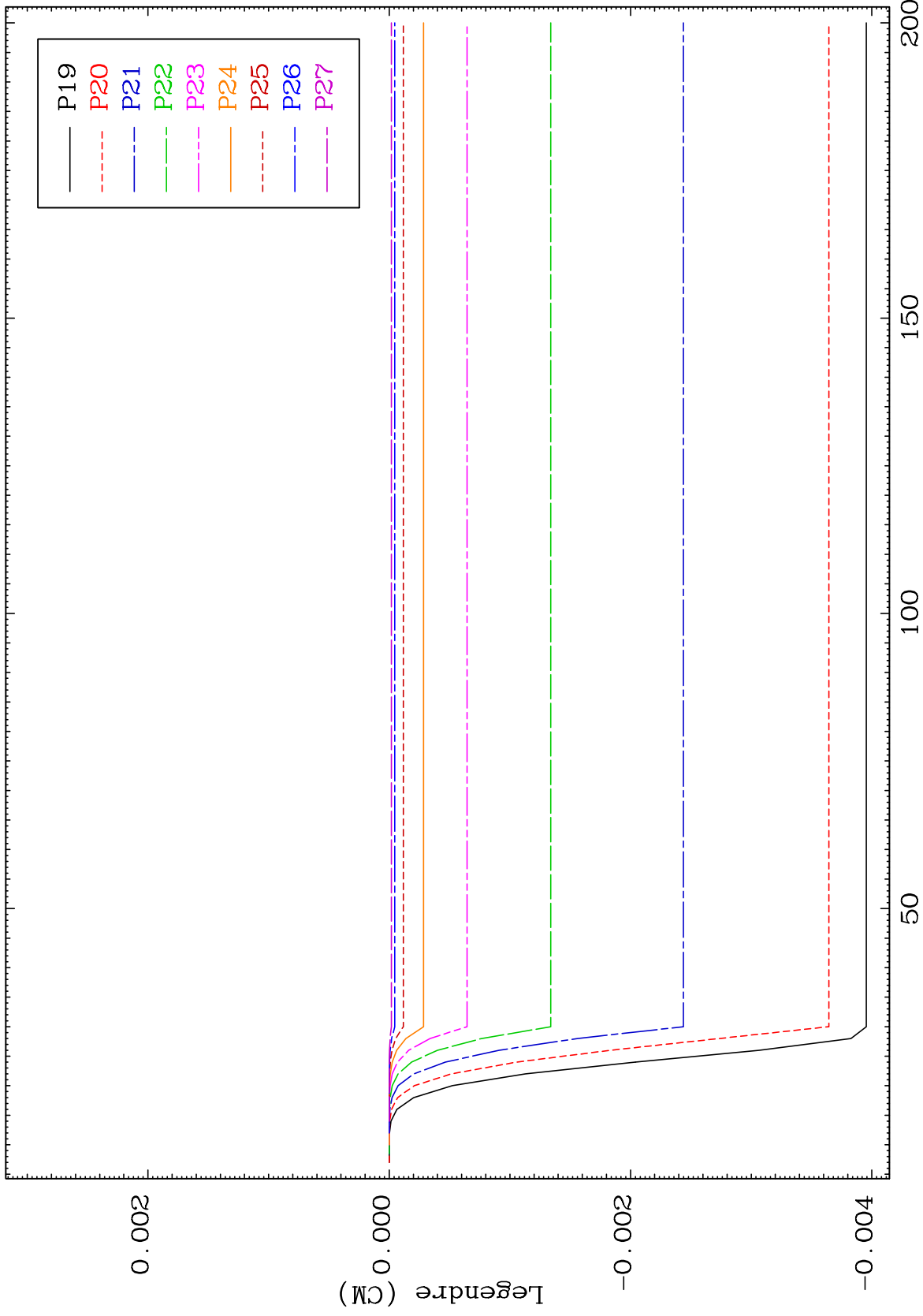
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



72

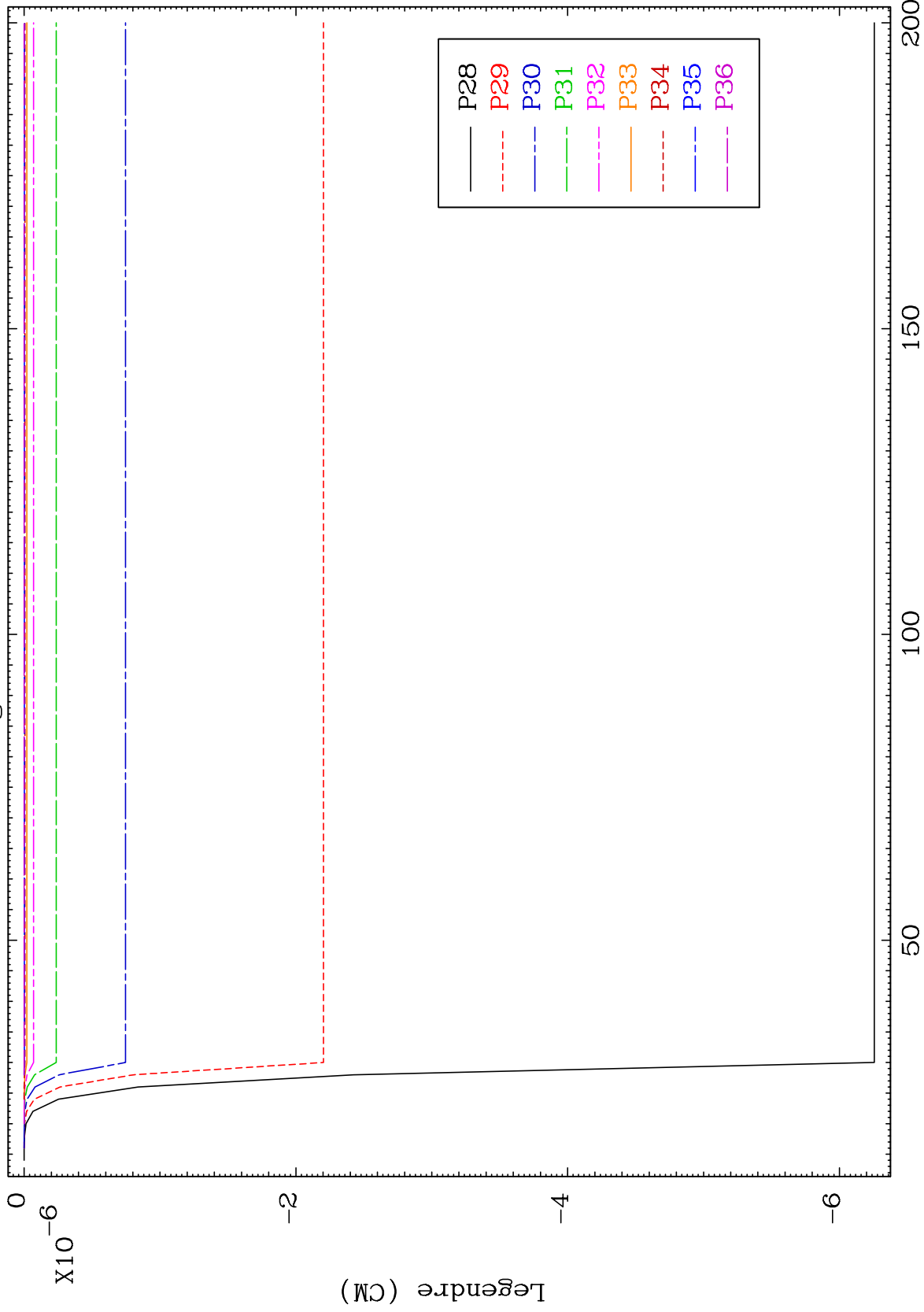
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



73

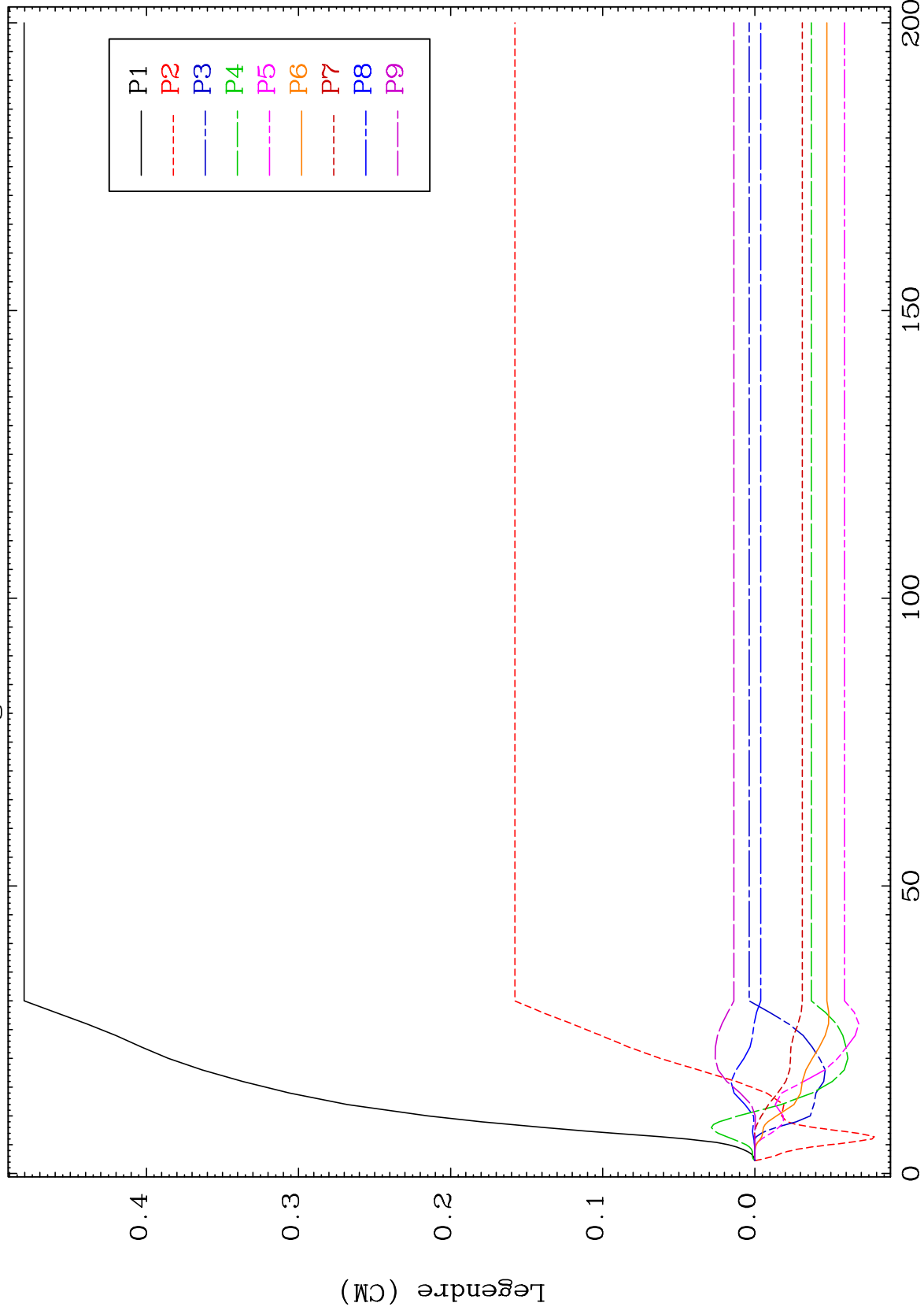
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



74

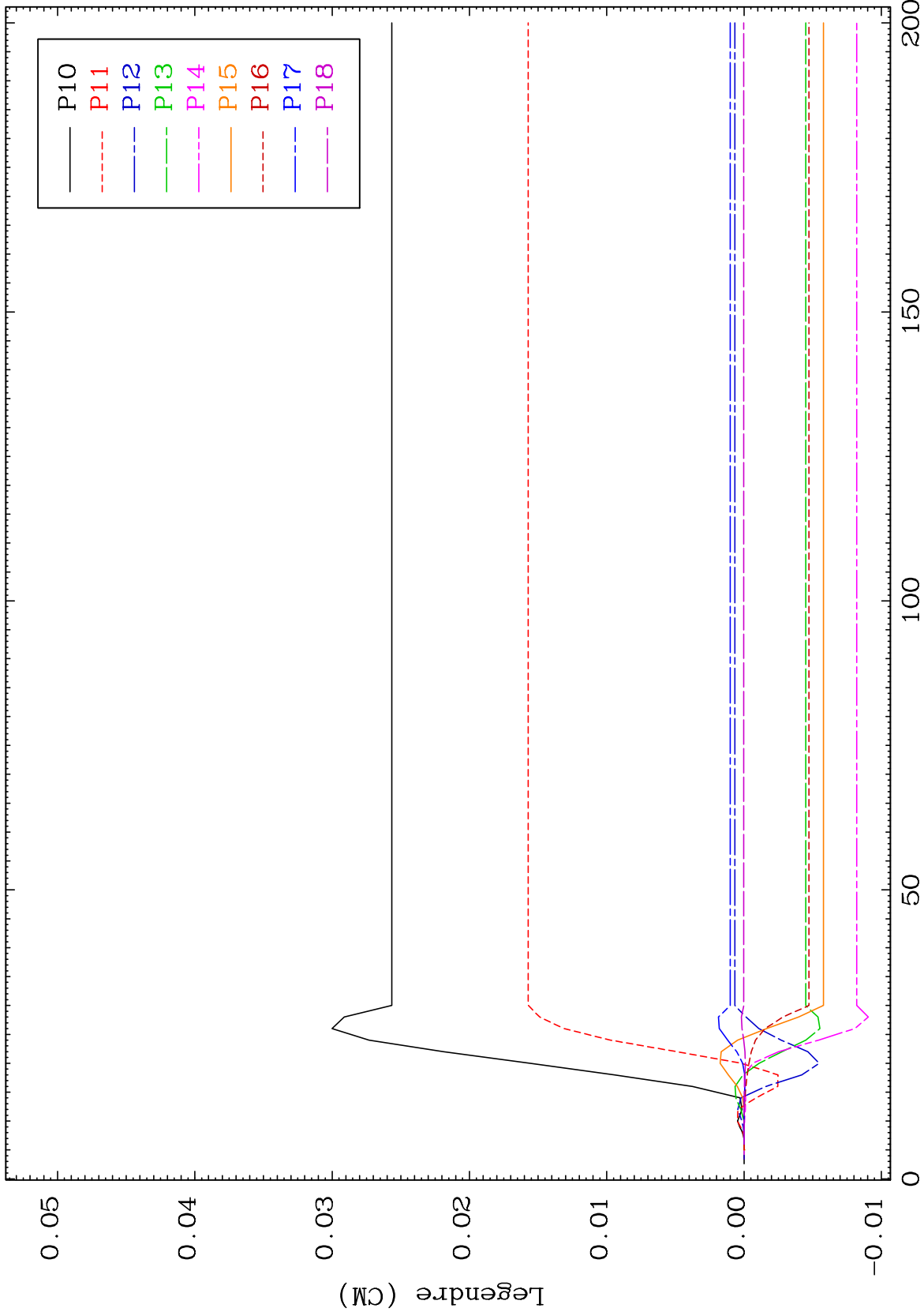
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



75

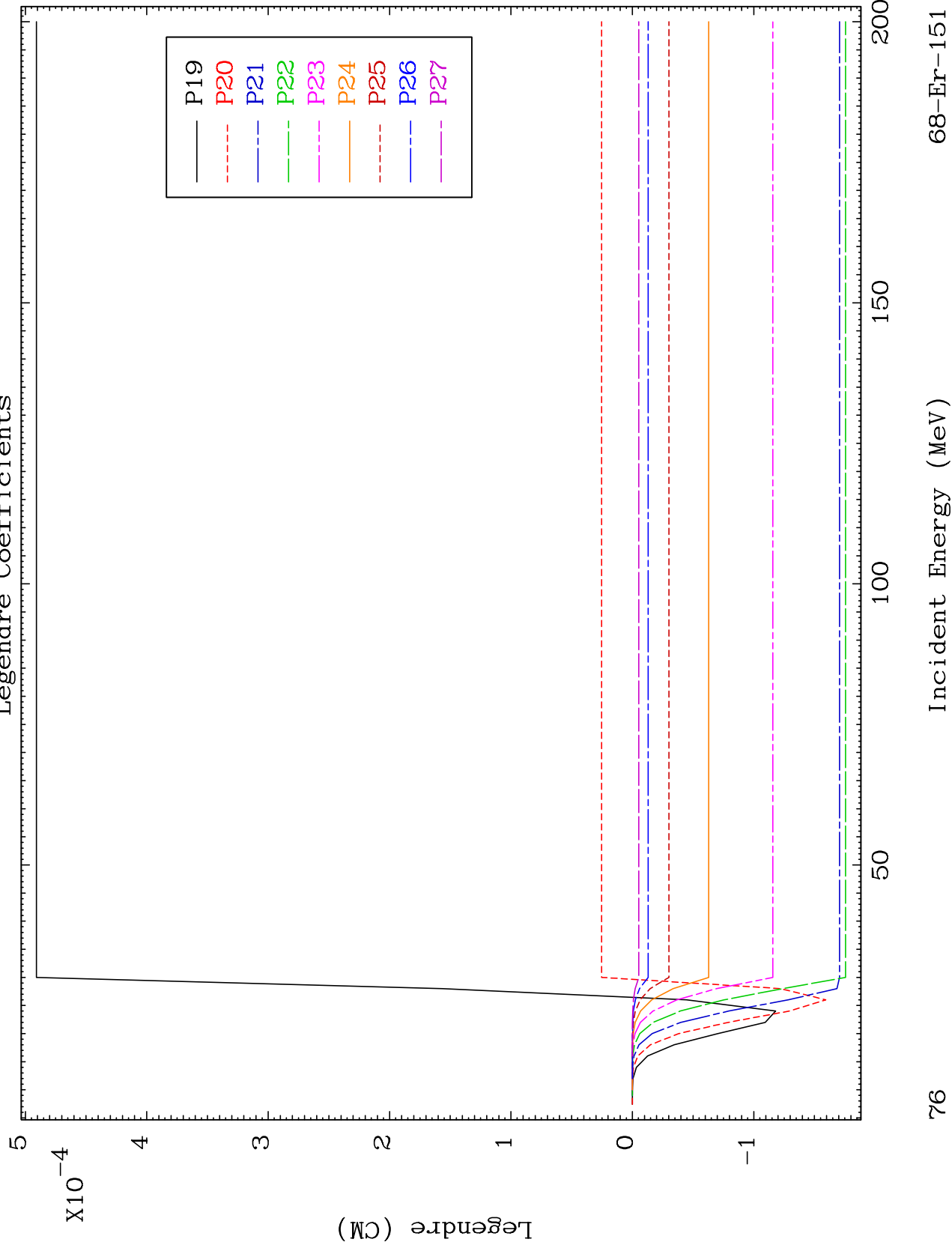
Incident Energy (MeV)

68-Er-151

MAT 6792

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

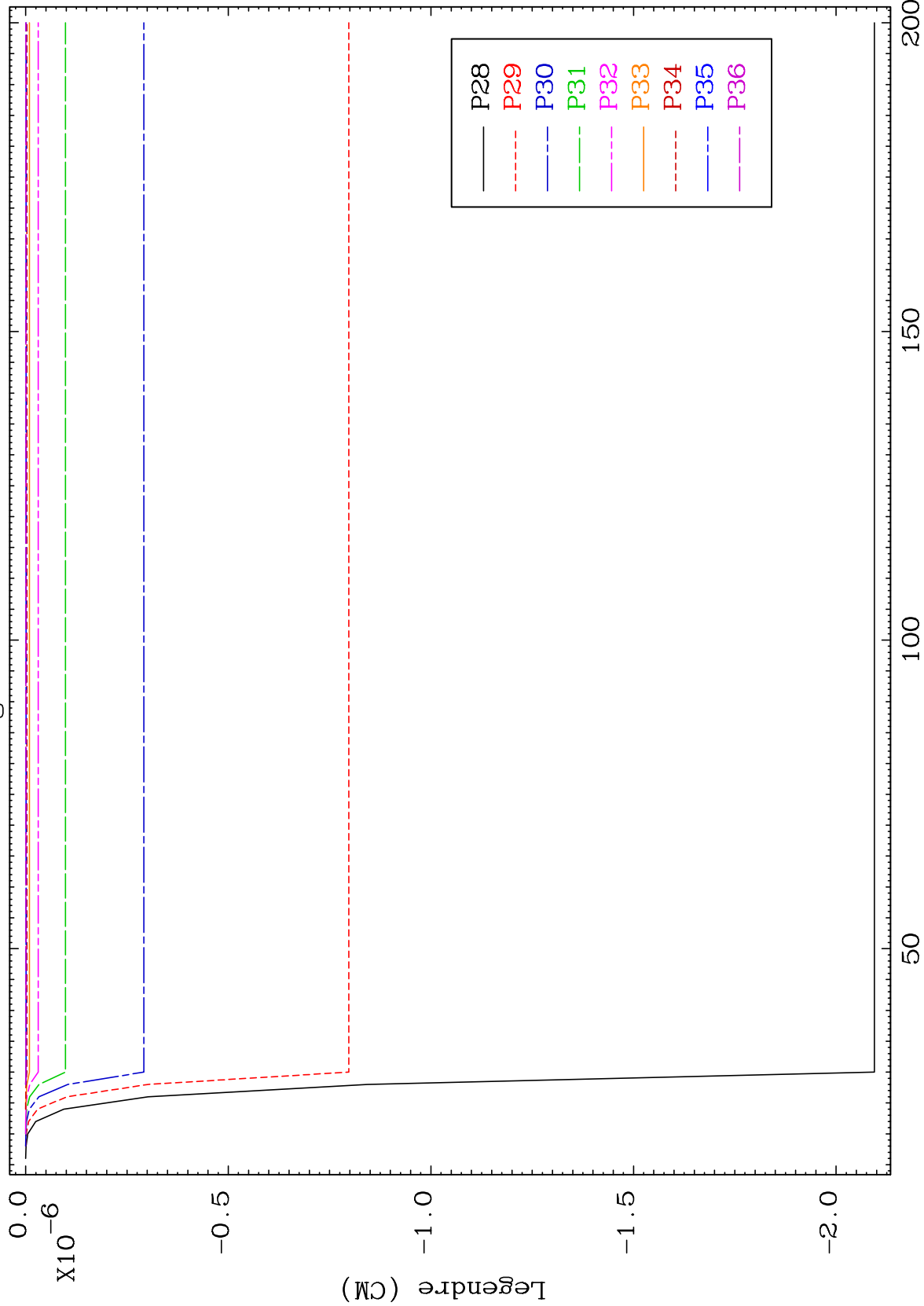
68-Er-151



MAT 6792

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

68-Er-151



77

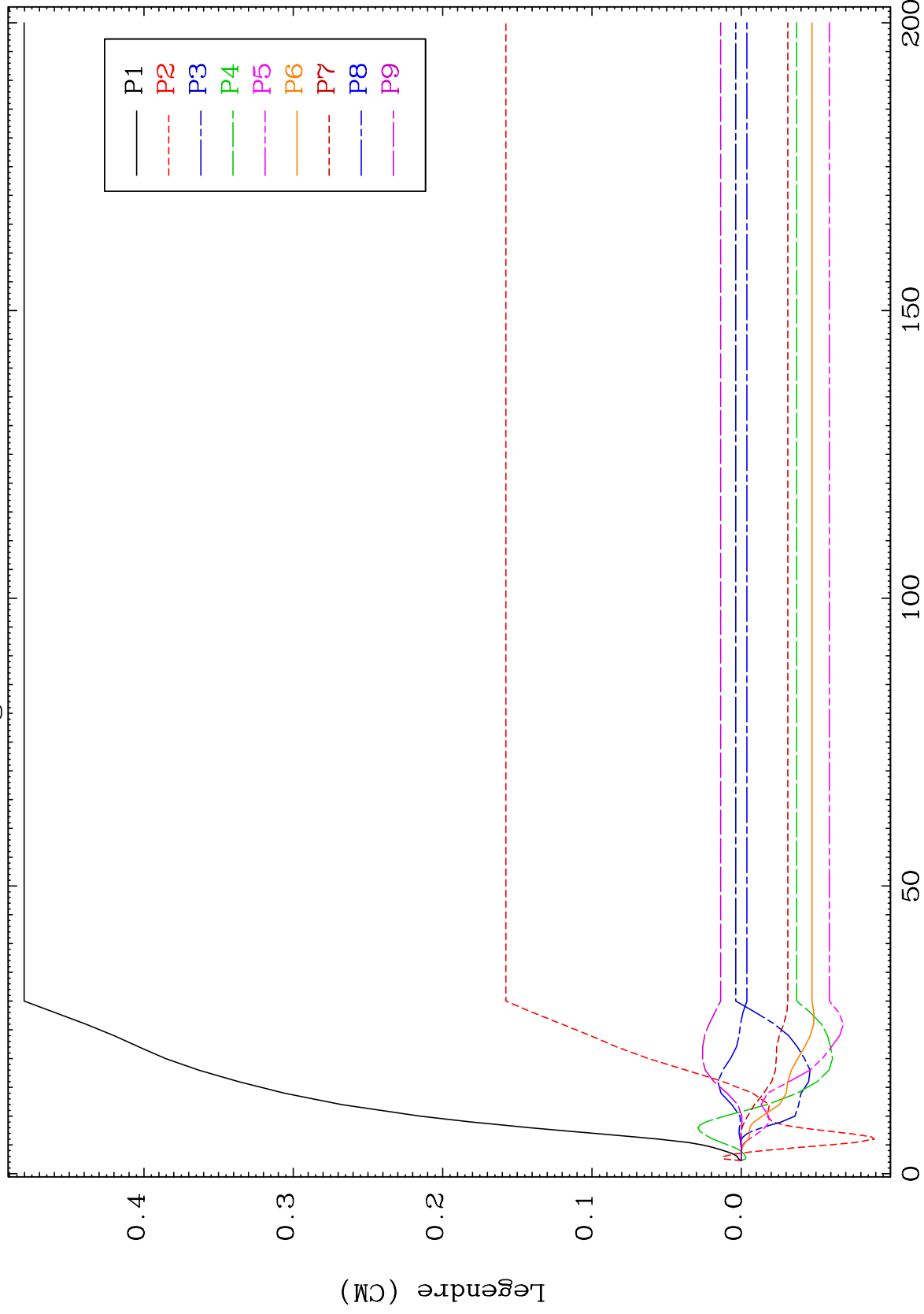
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



78

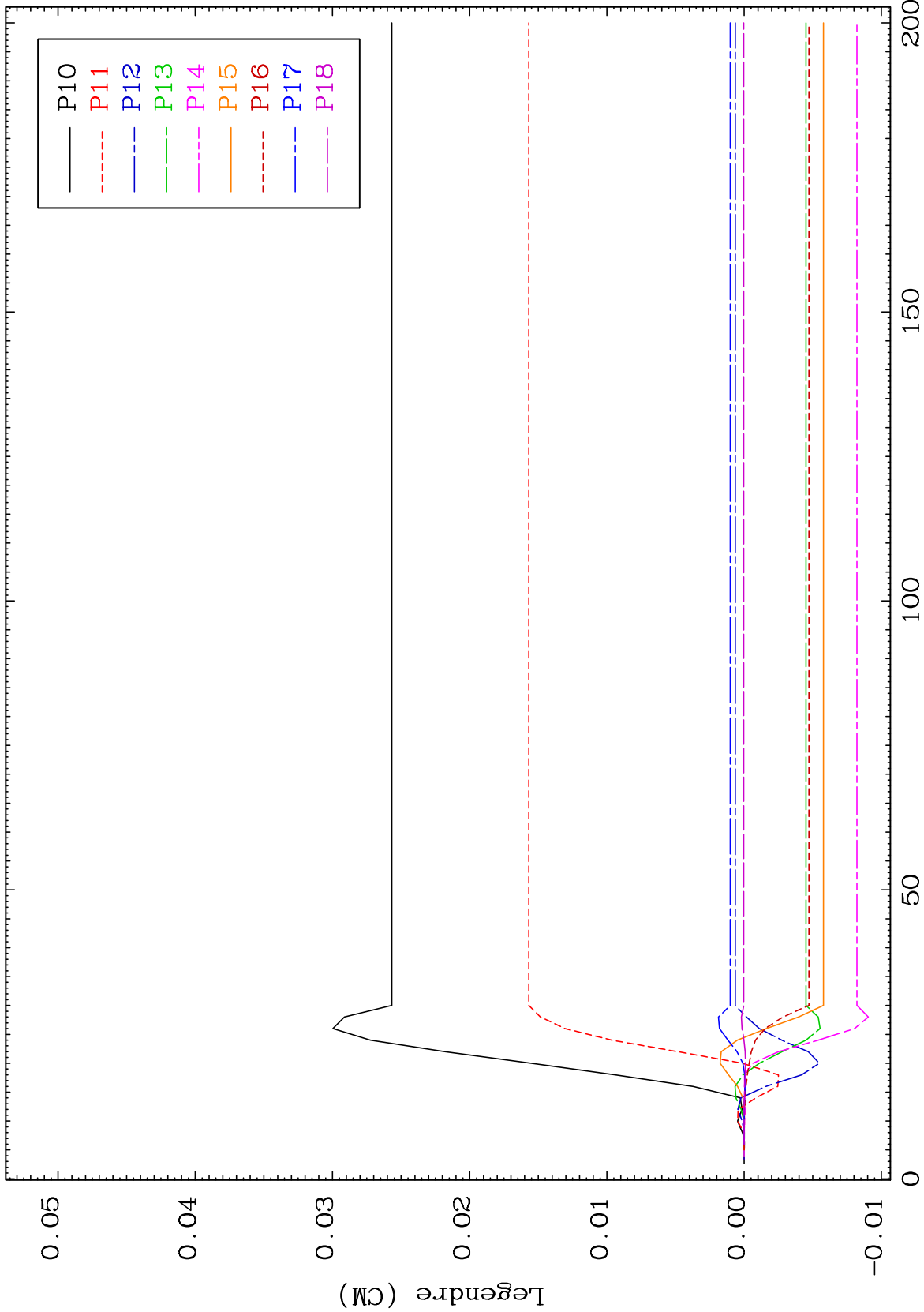
Incident Energy (MeV)

68-Er-151

MAT 6792

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

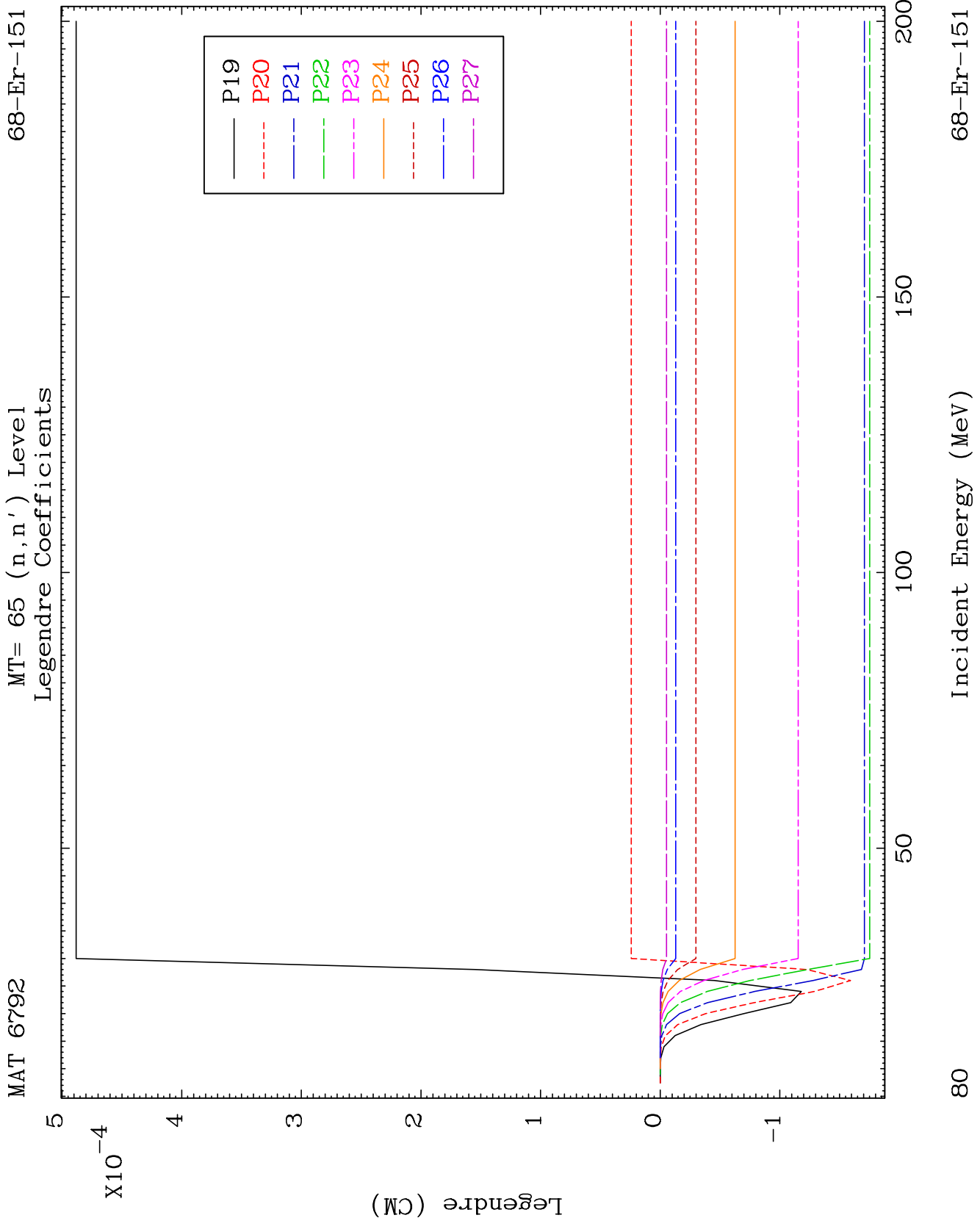
68-Er-151

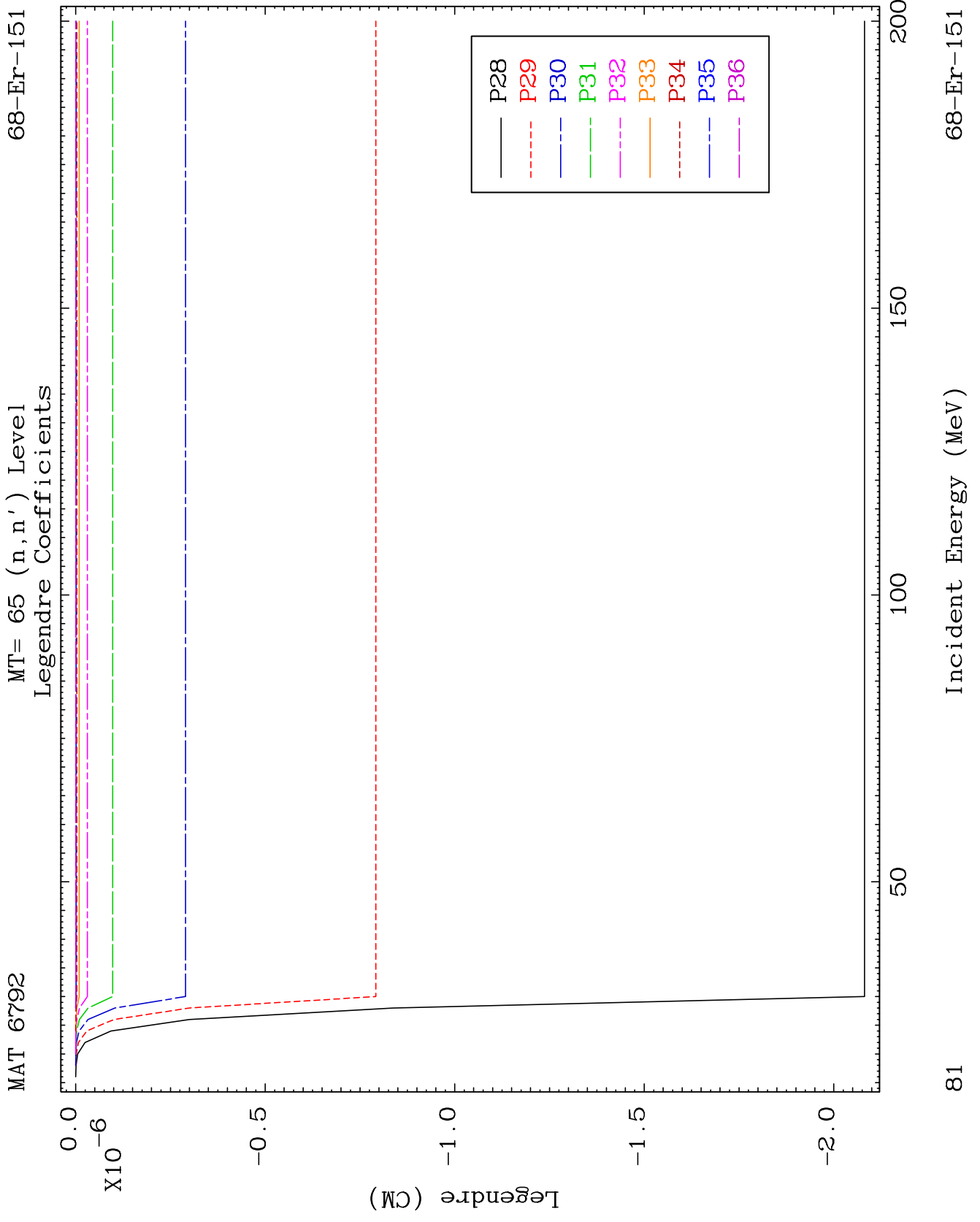


79

Incident Energy (MeV)

68-Er-151

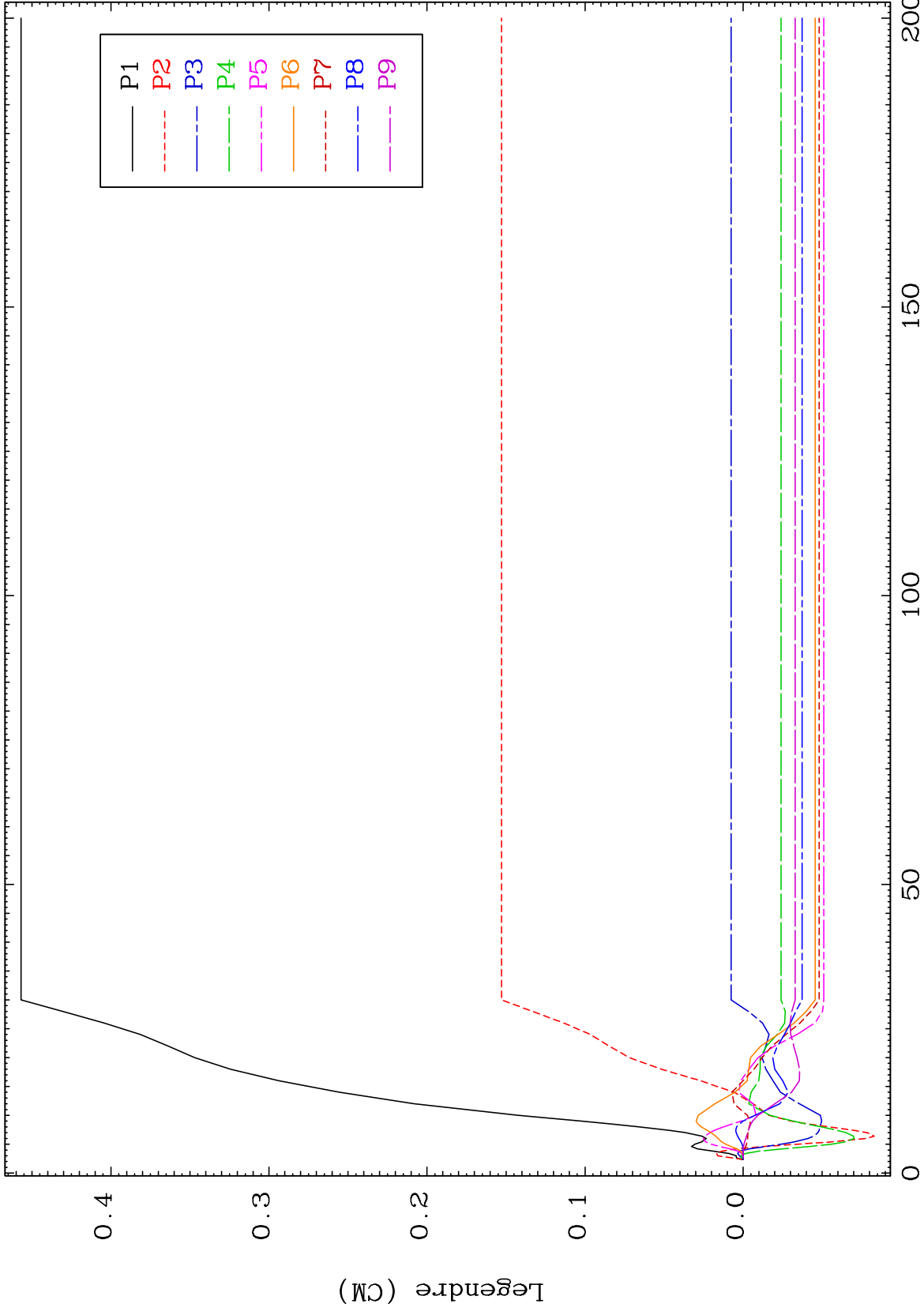




MAT 6792

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

68-Er-151



82

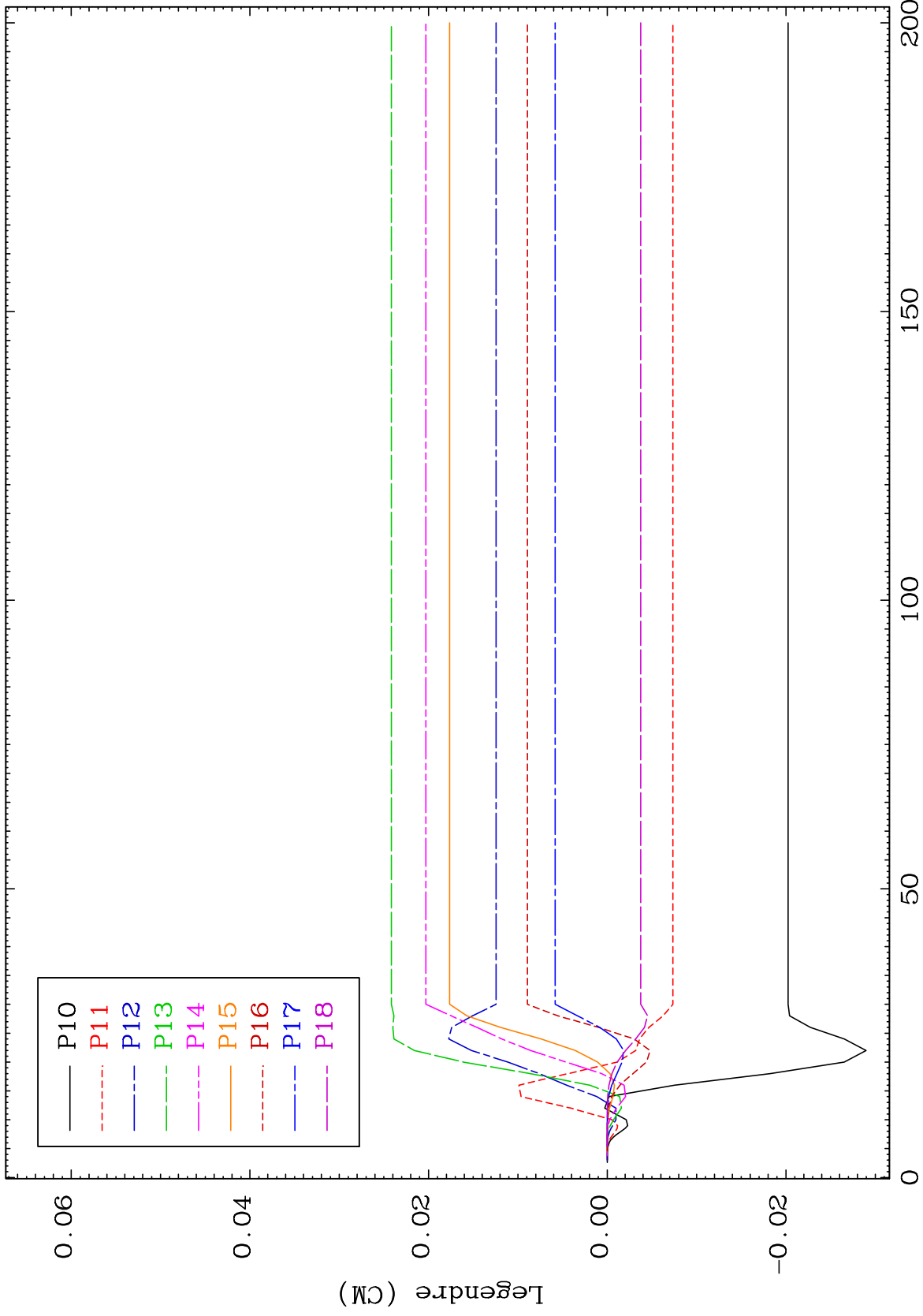
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



83

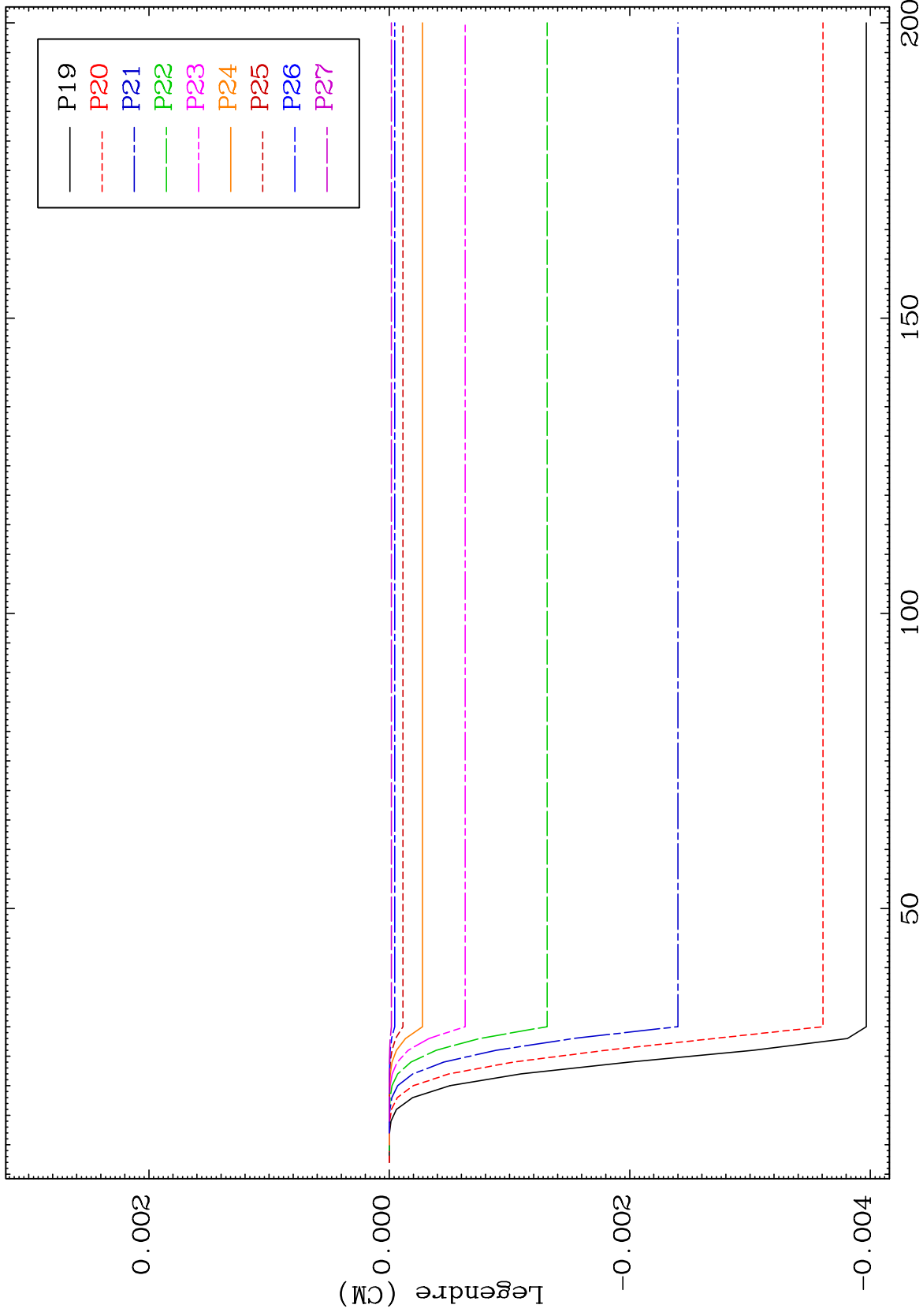
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



84

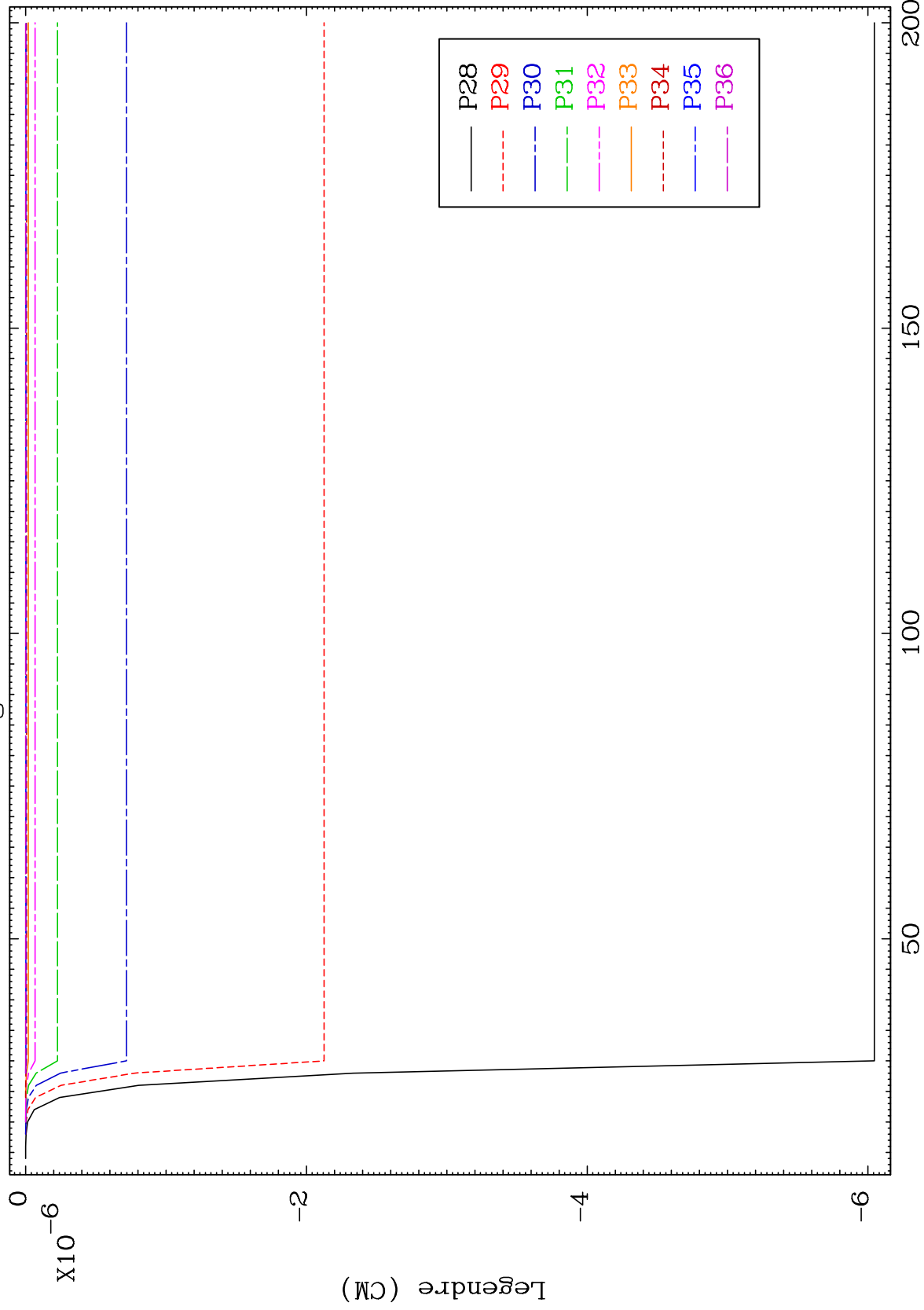
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



85

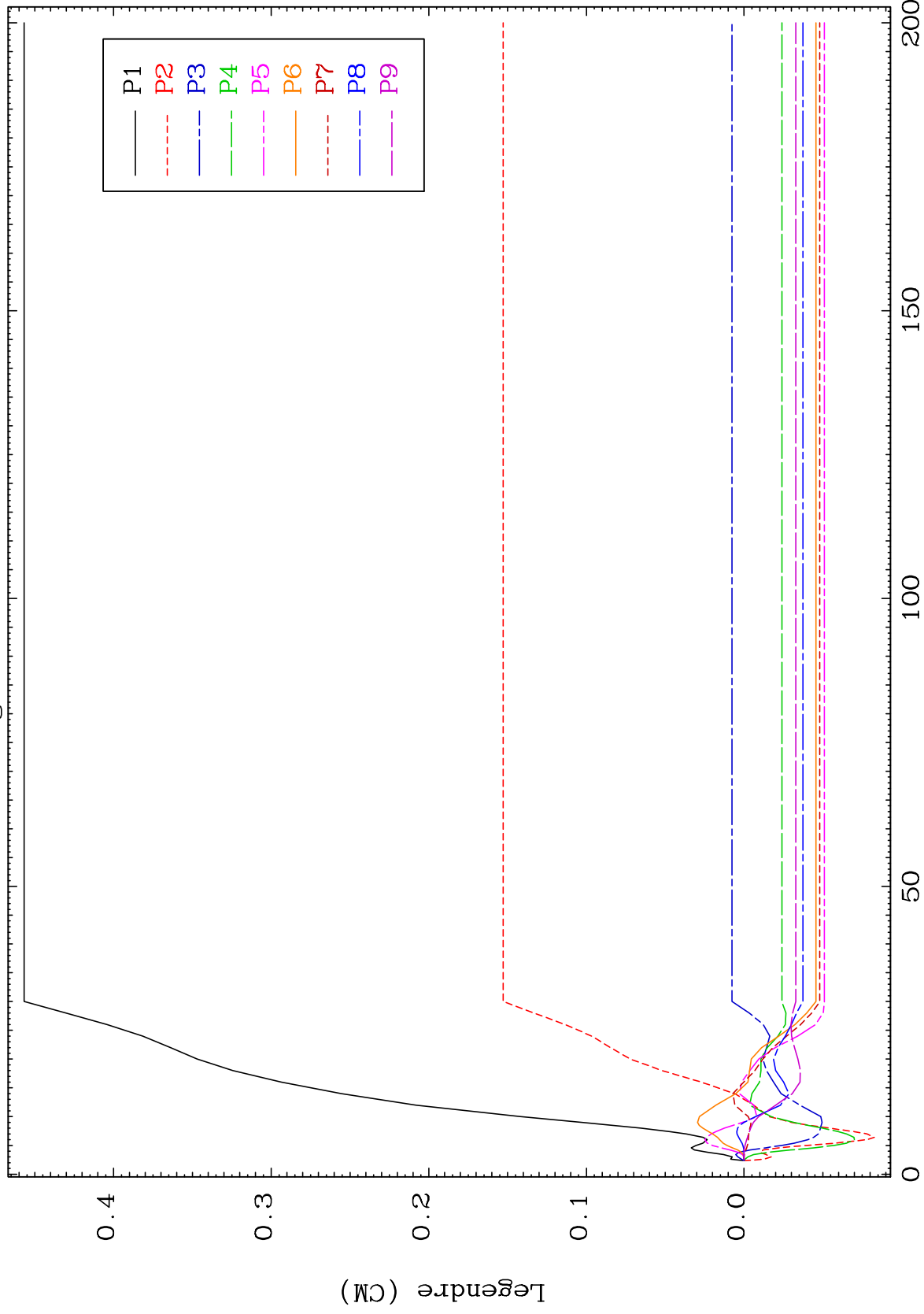
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



86

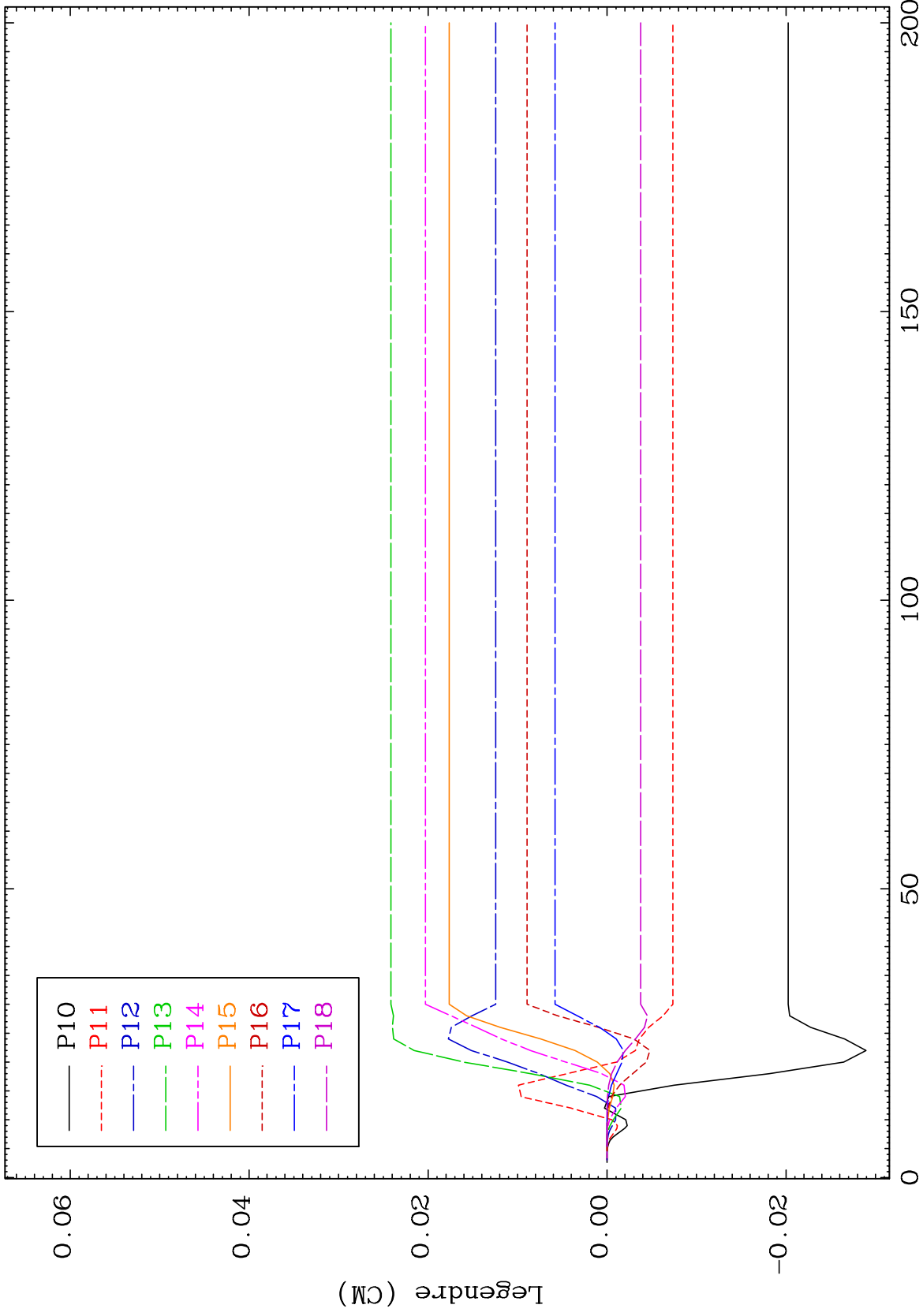
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



87

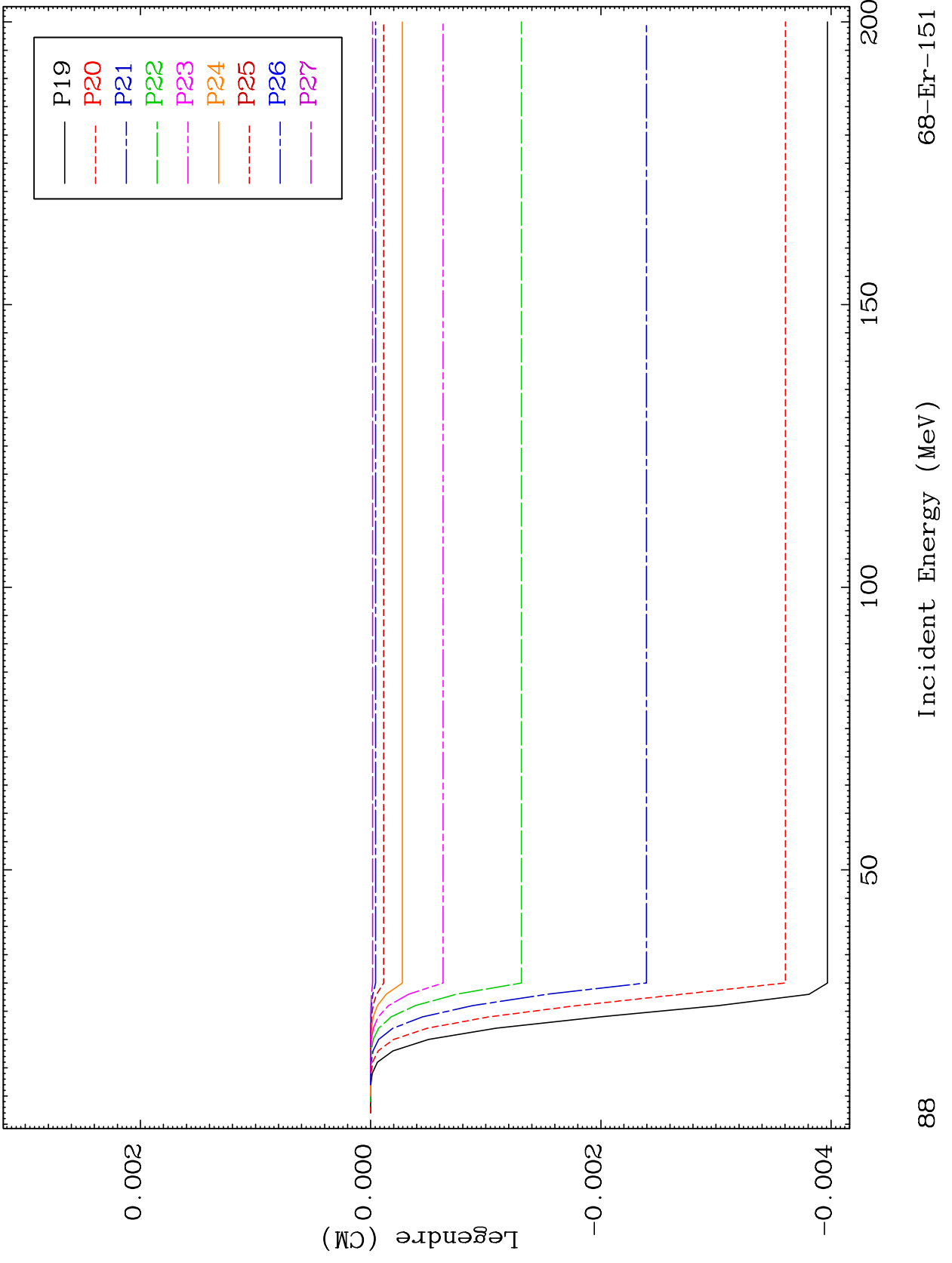
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



88

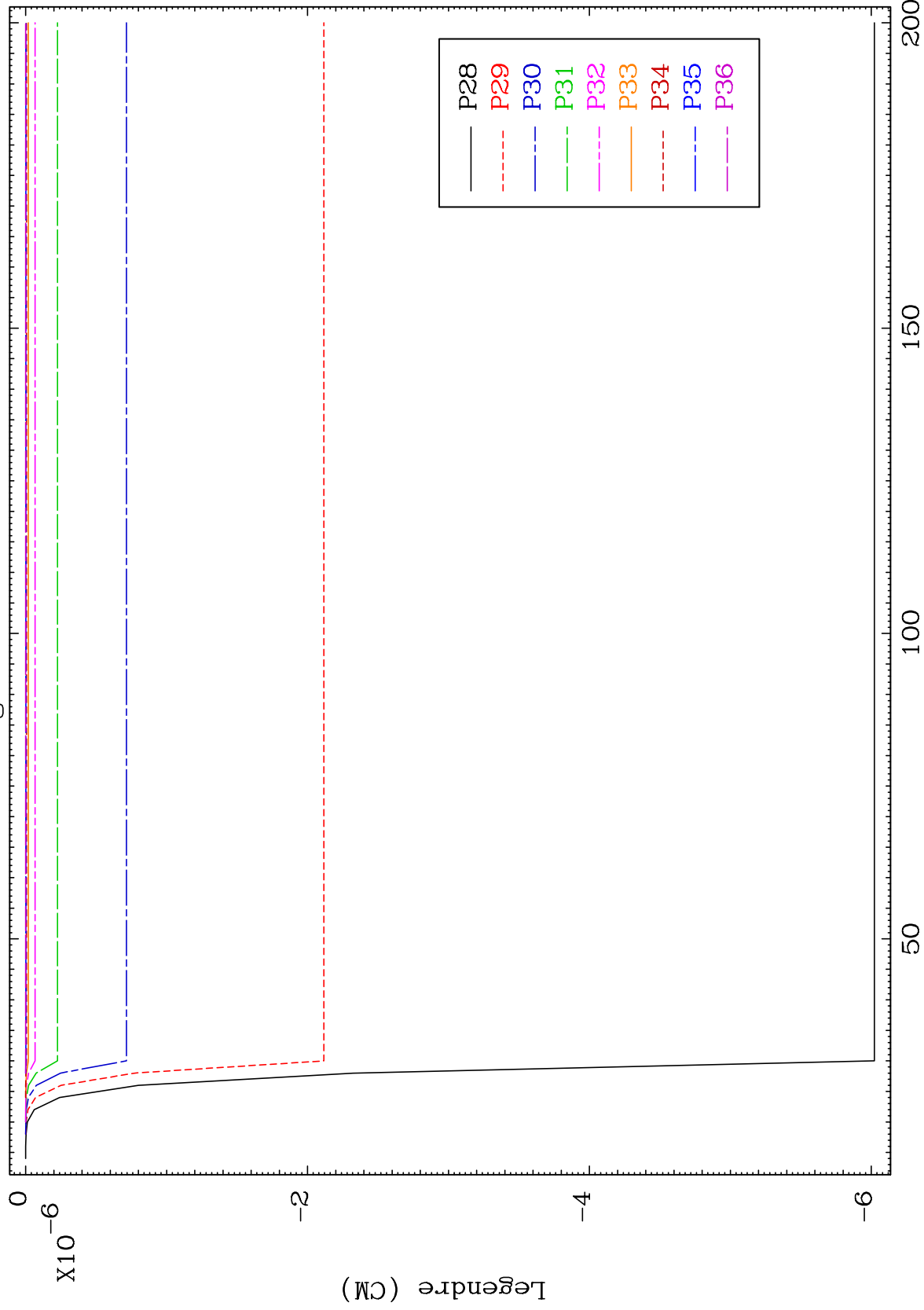
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



89

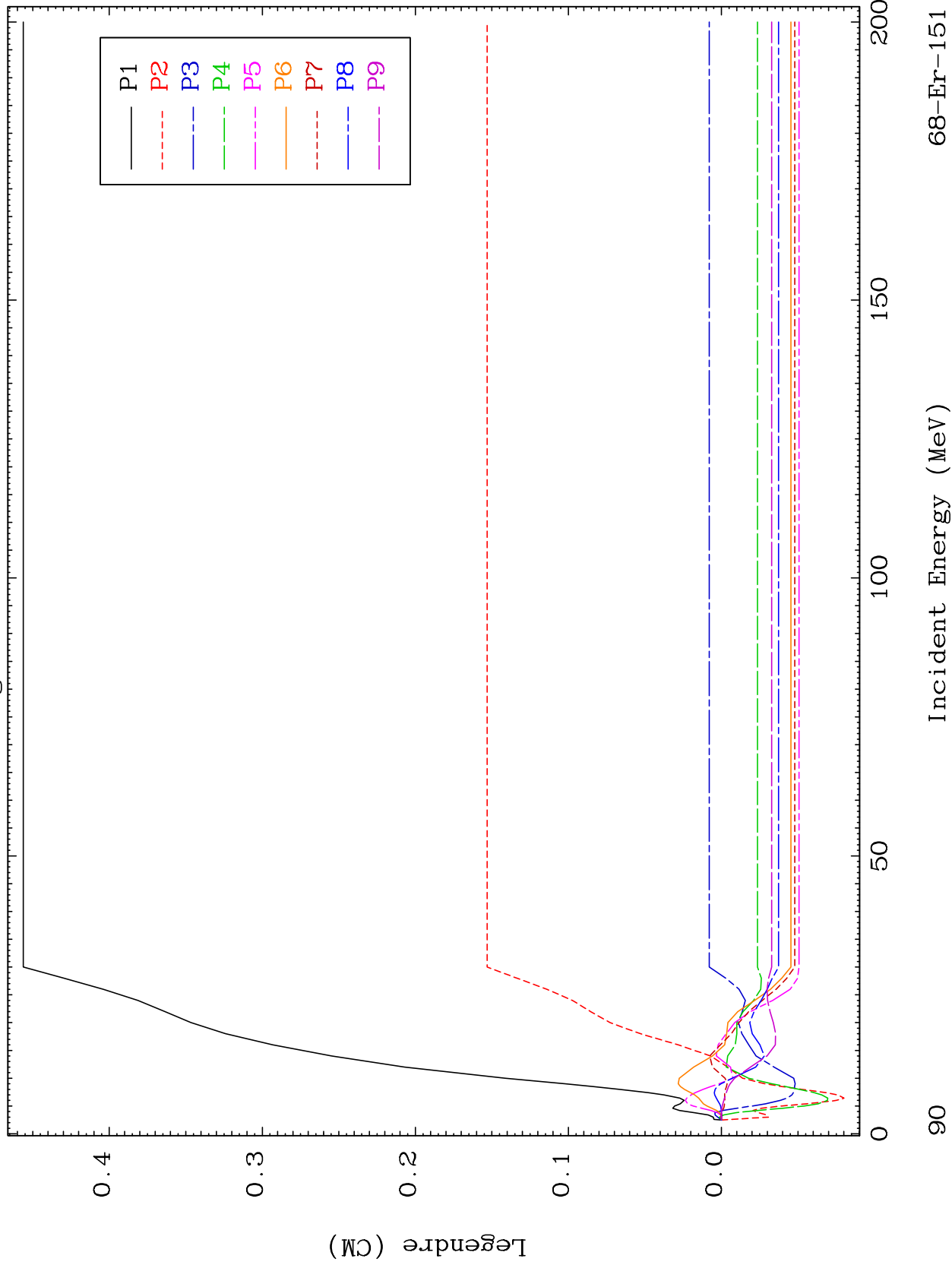
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

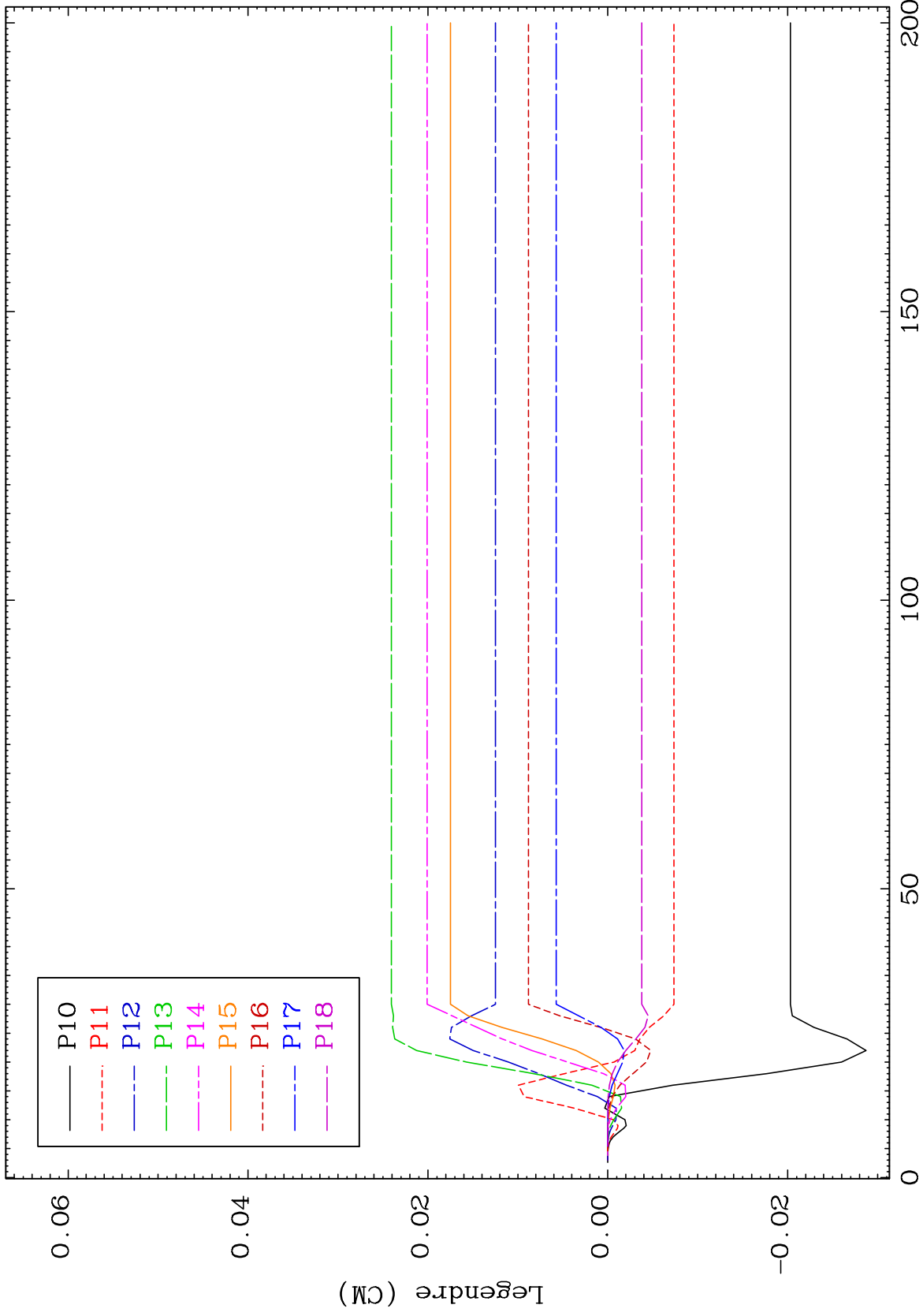
Incident Energy (MeV)

90

MAT 6792

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

68-Er-151



91

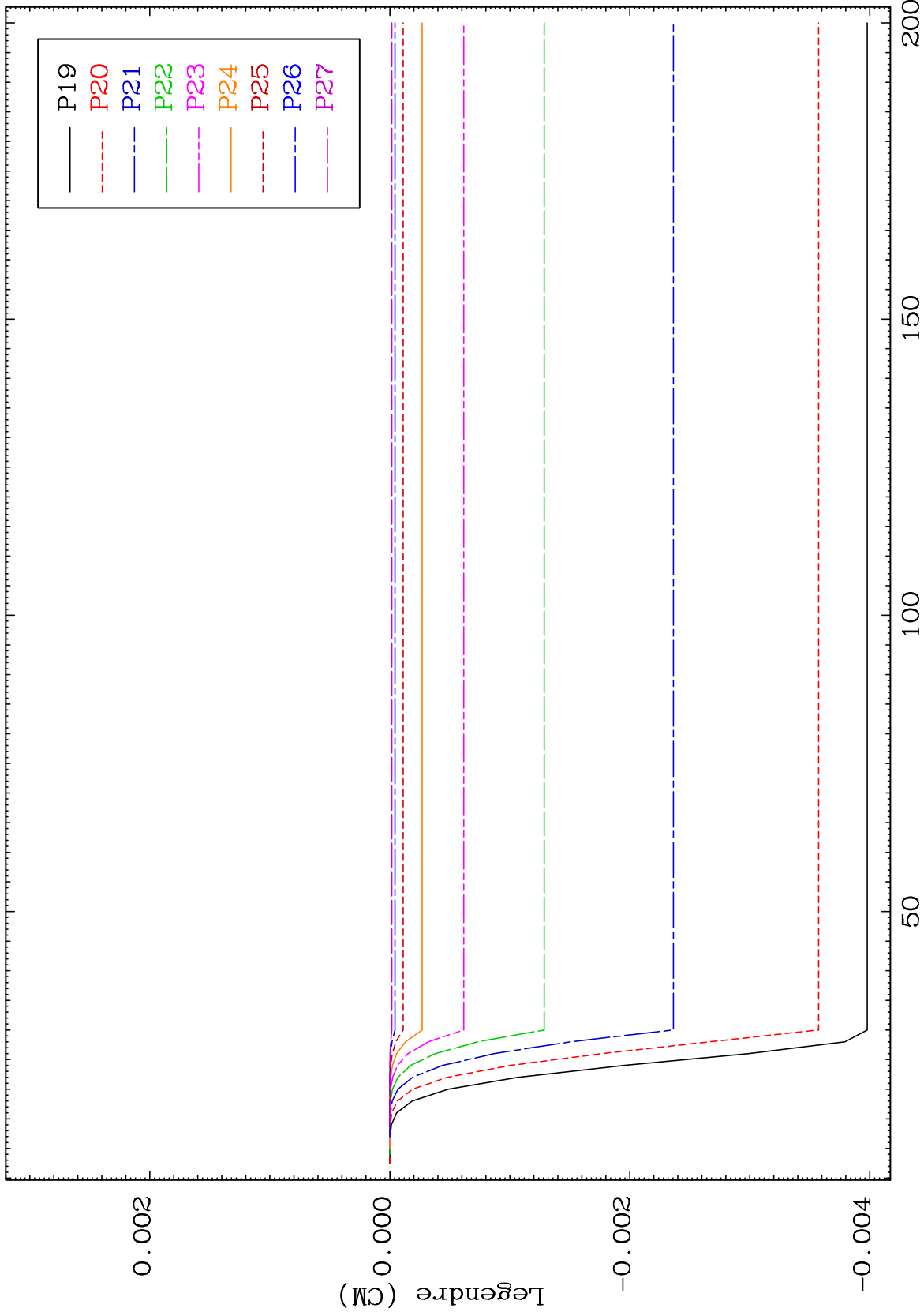
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



92

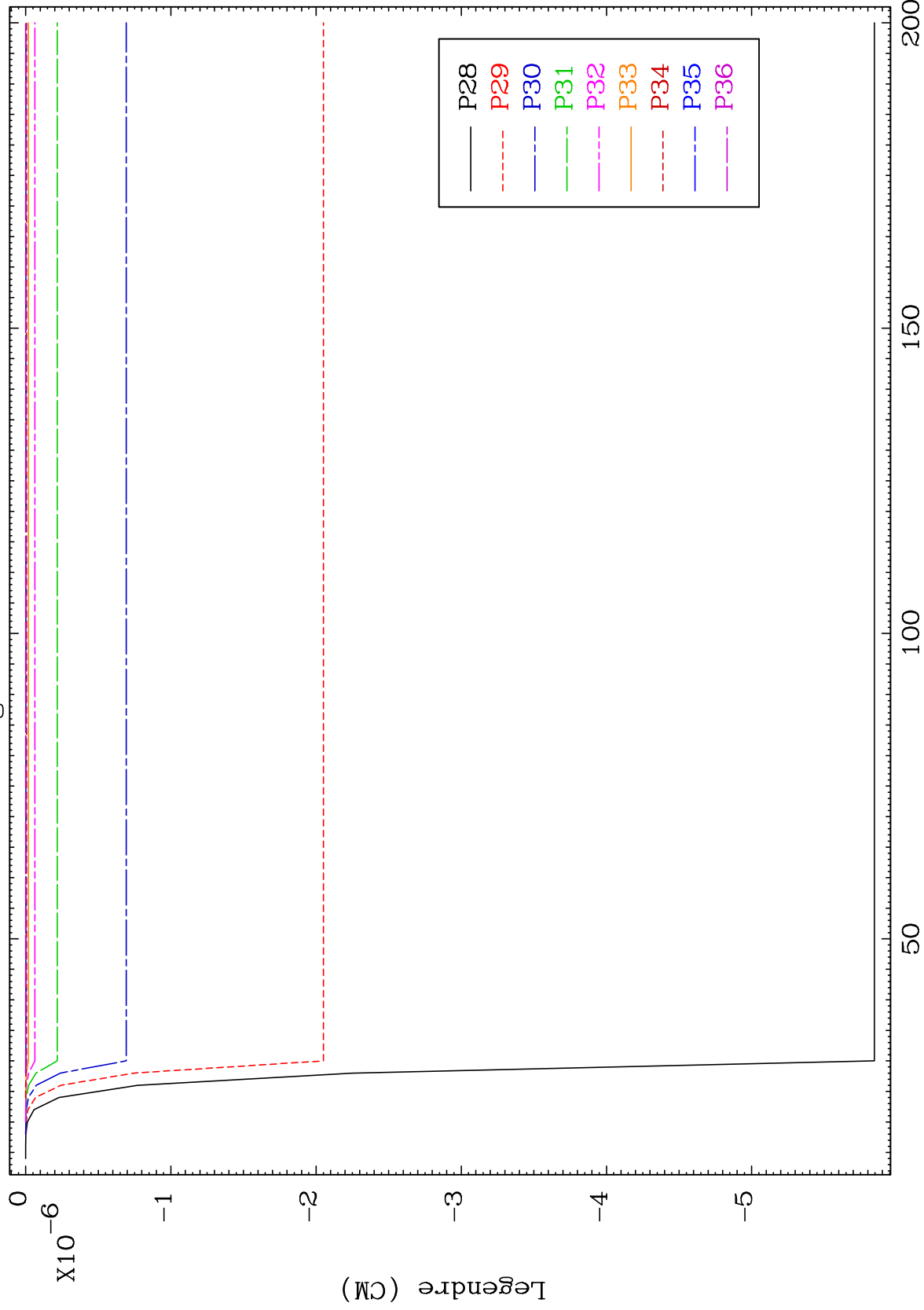
Incident Energy (MeV)

68-Er-151

MAT 6792

MT= 68 (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



94

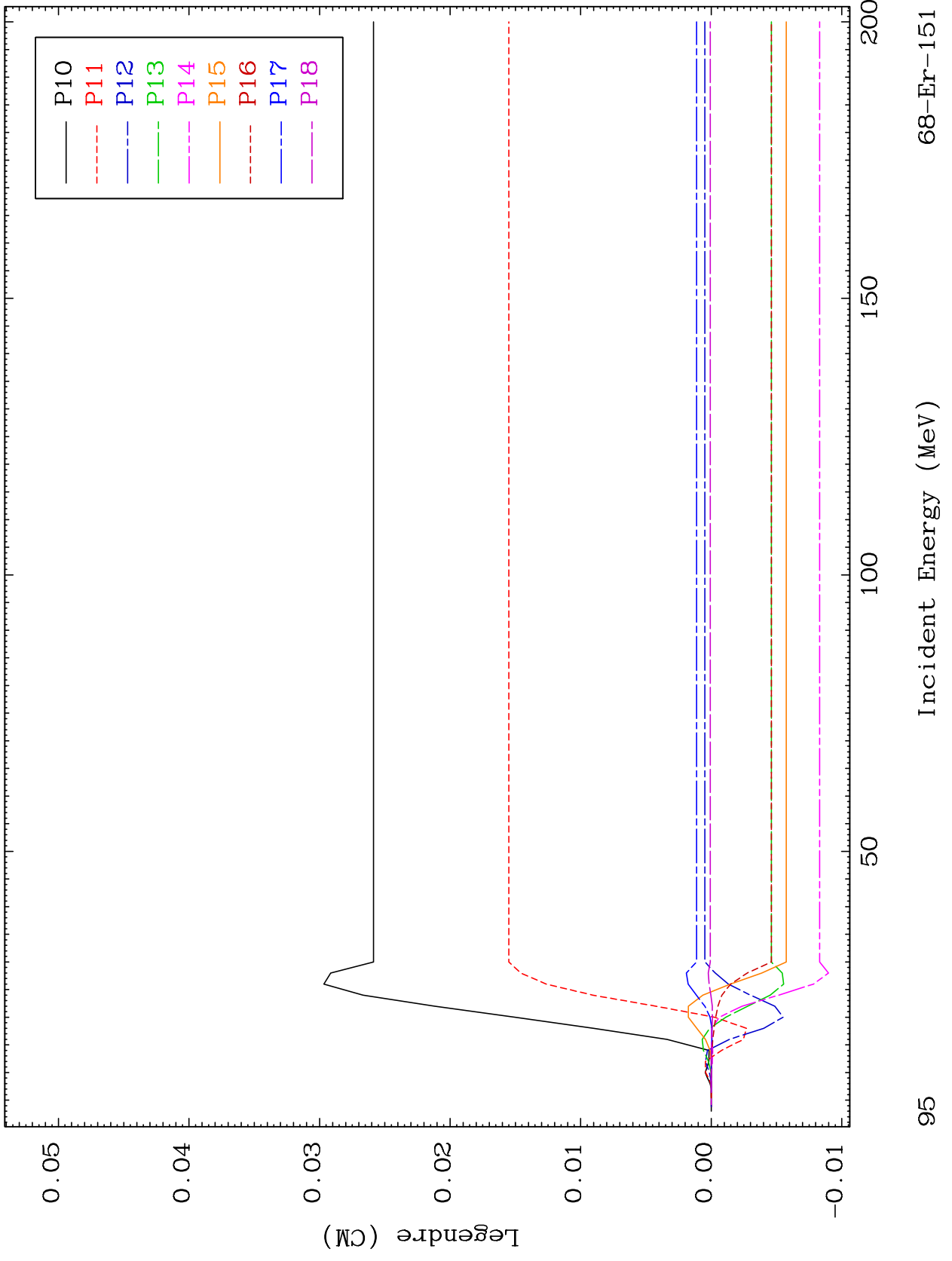
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

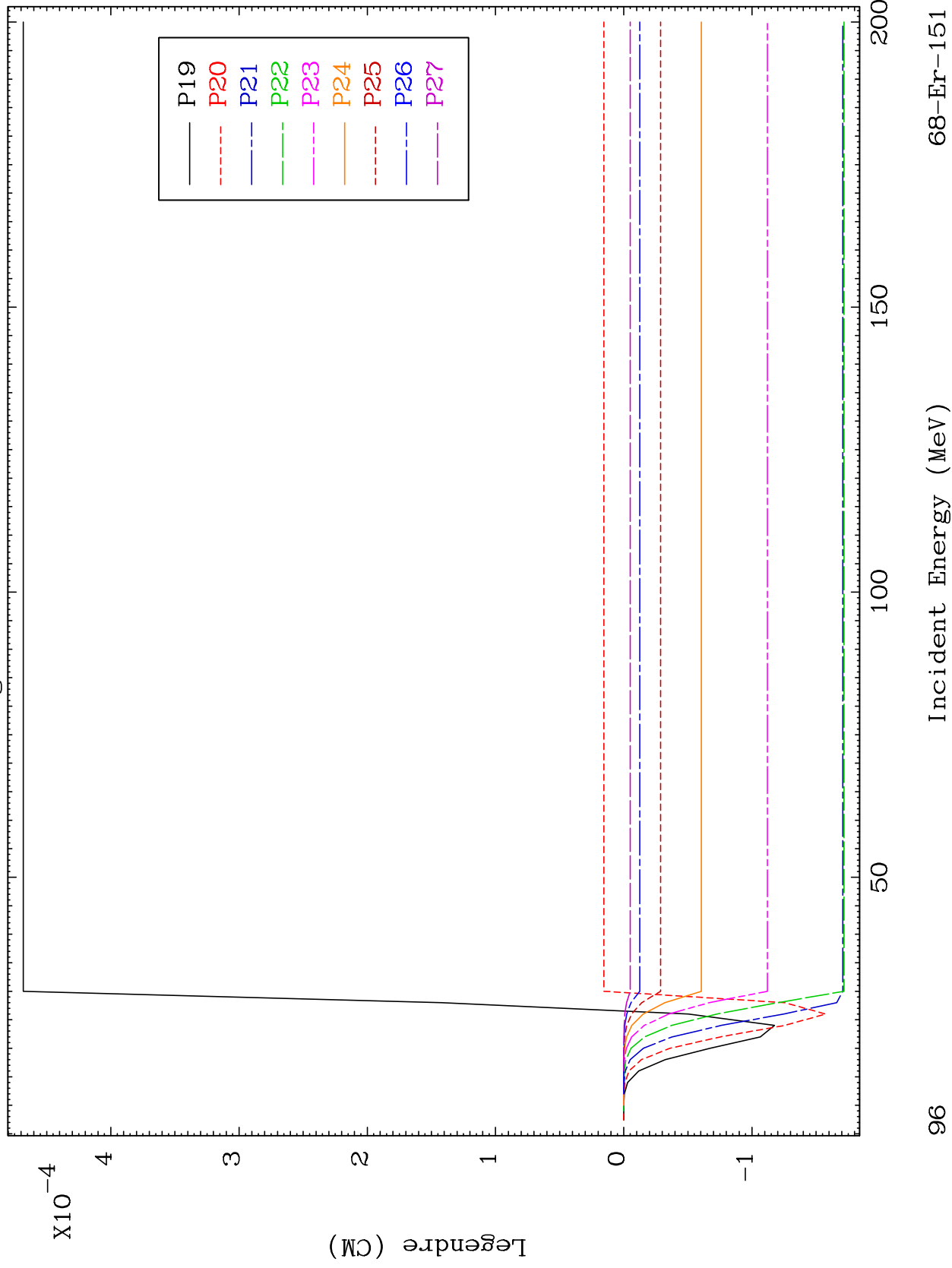
Incident Energy (MeV)

95

MAT 6792

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

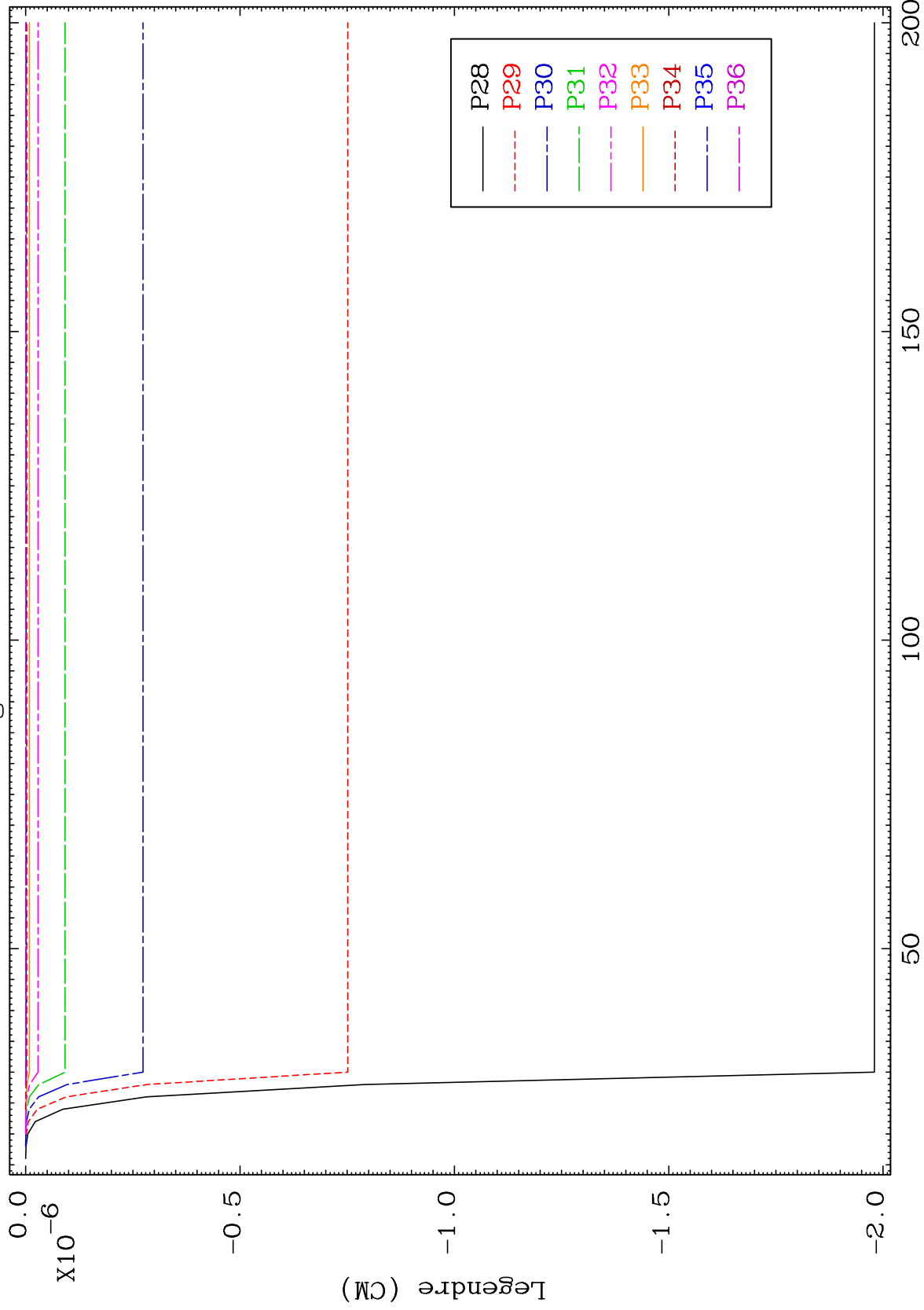
68-Er-151



MAT 6792

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

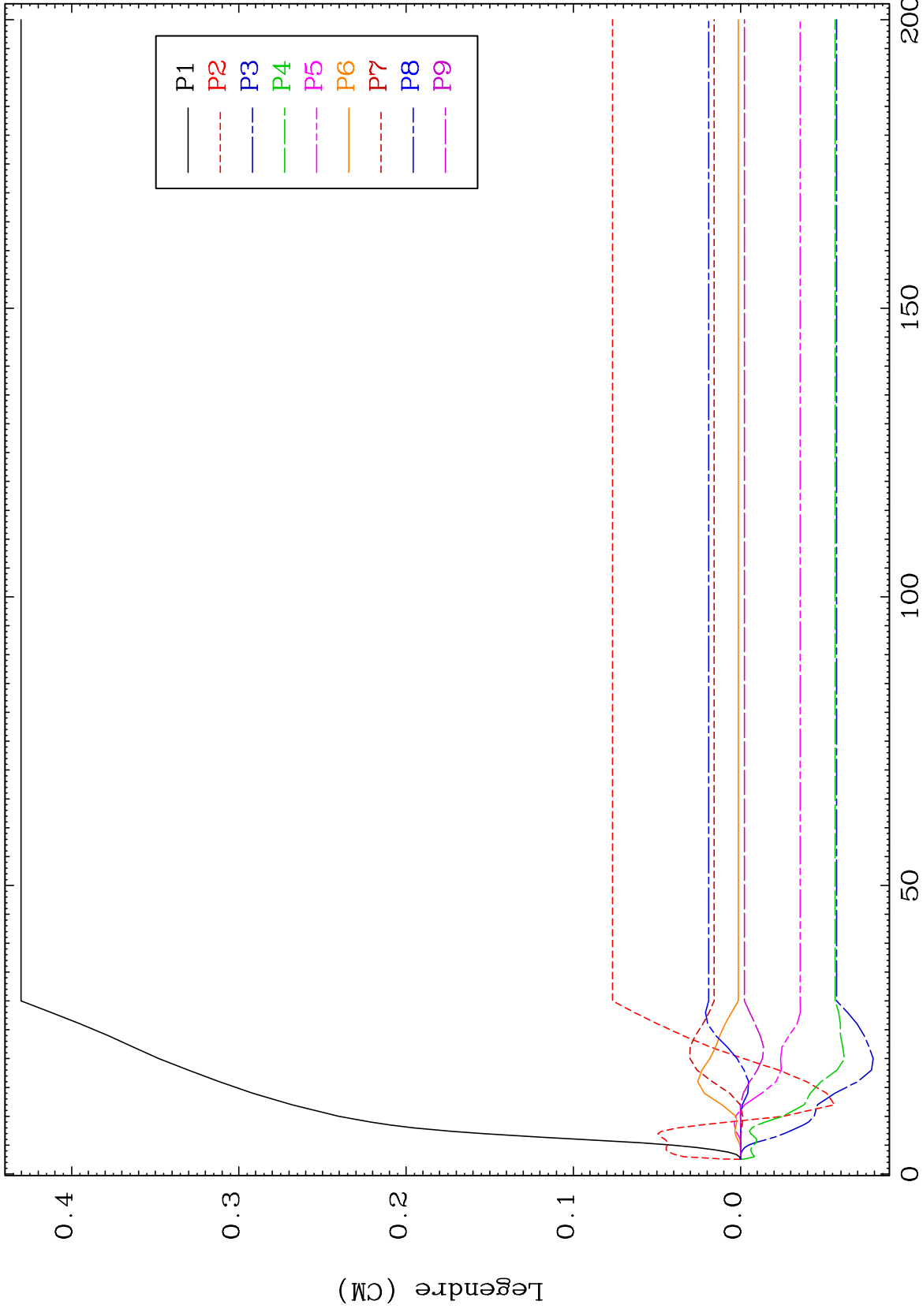
68-Er-151



MAT 6792

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

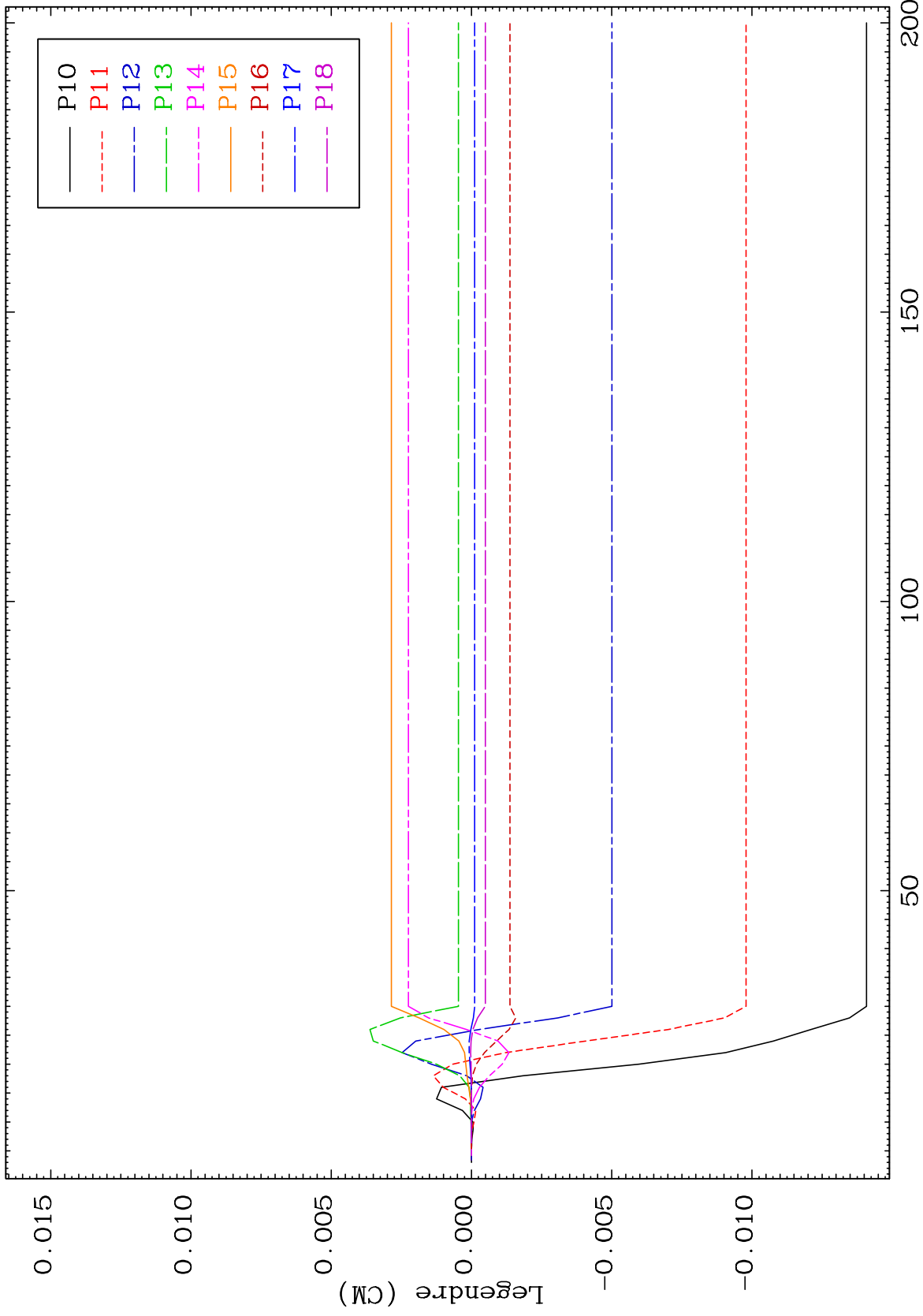
68-Er-151



98

Incident Energy (MeV)

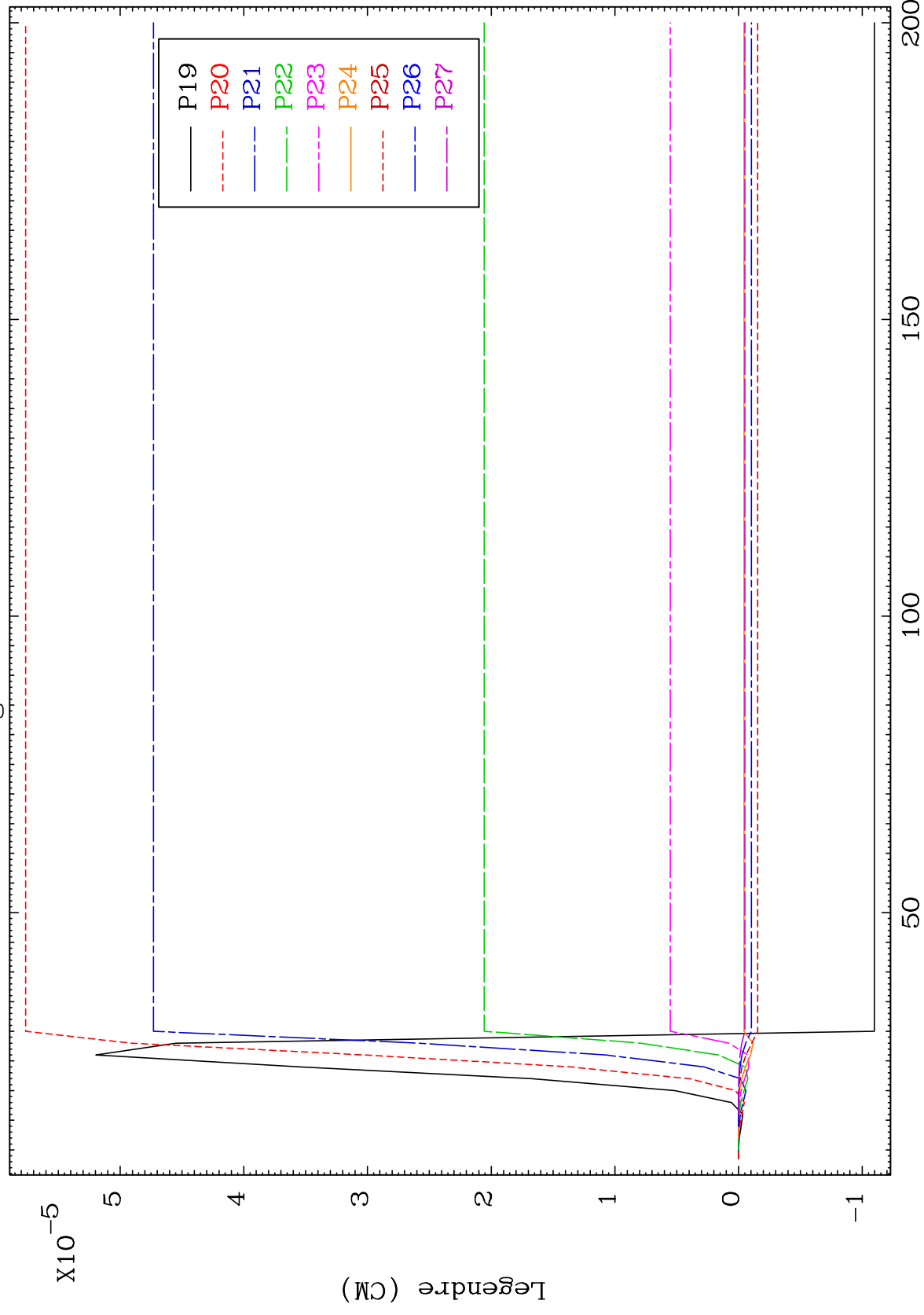
68-Er-151



MAT 6792

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

68-Er-151



100

Incident Energy (MeV)

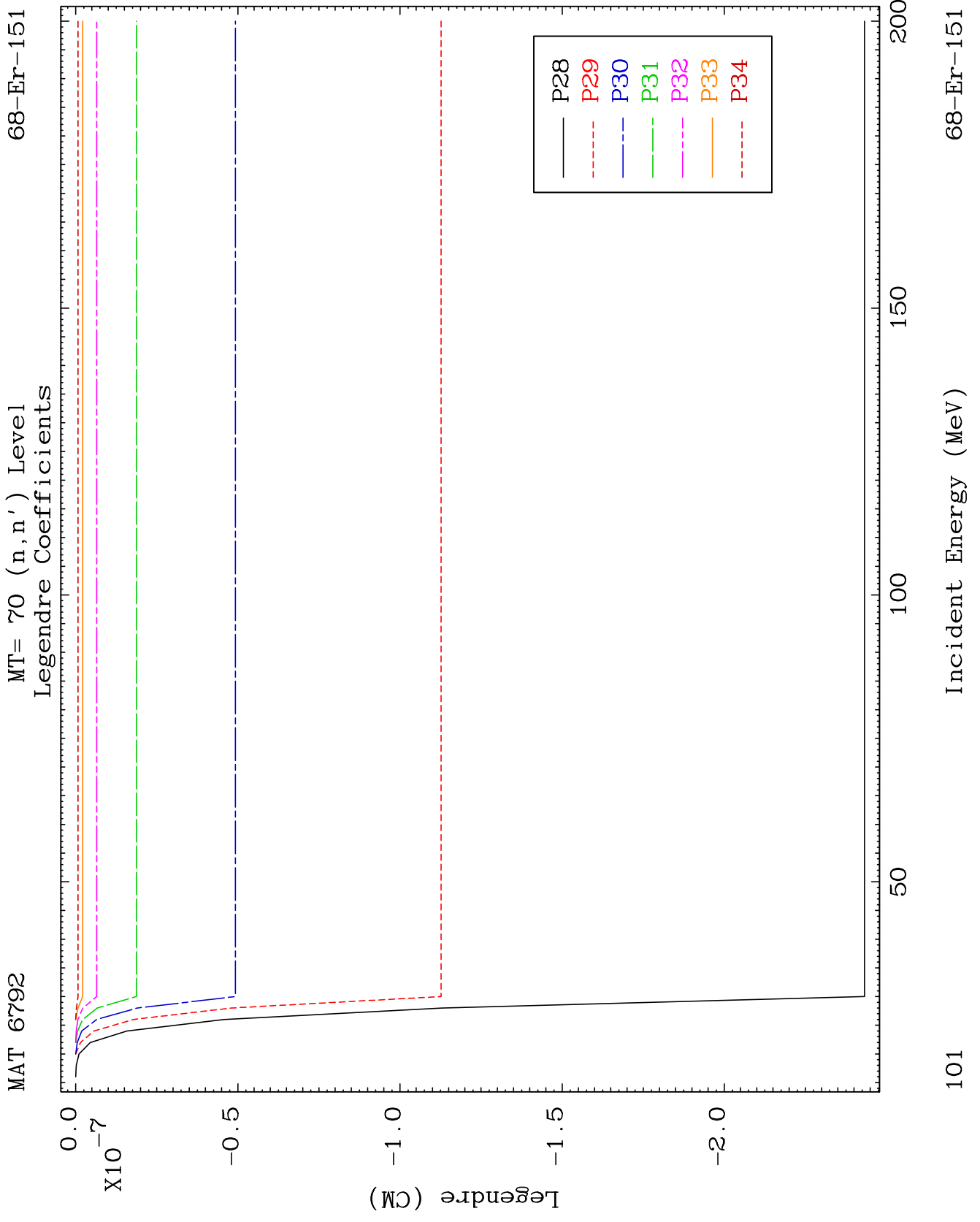
50

100

150

200

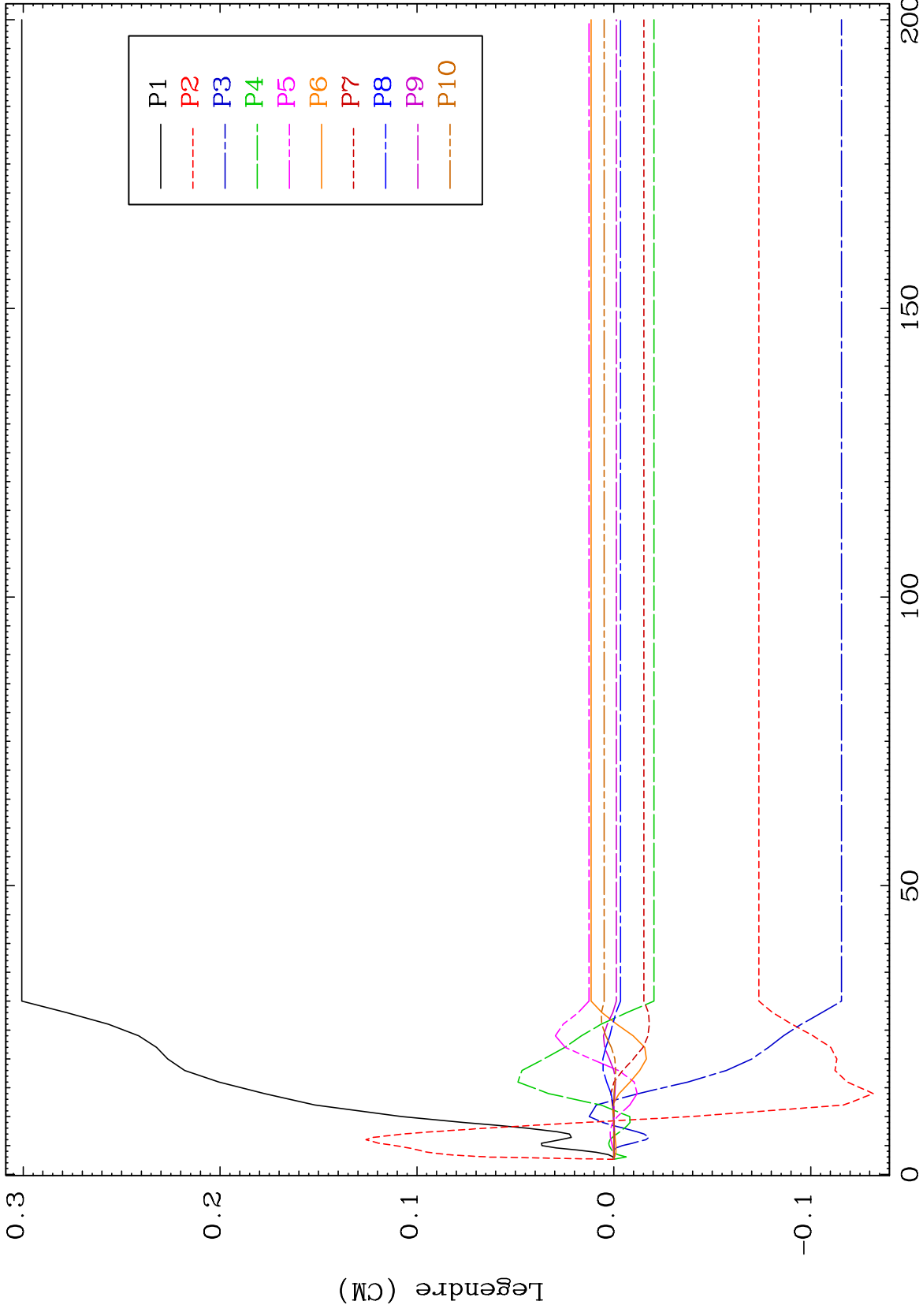
68-Er-151



MAT 6792

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

68-Er-151



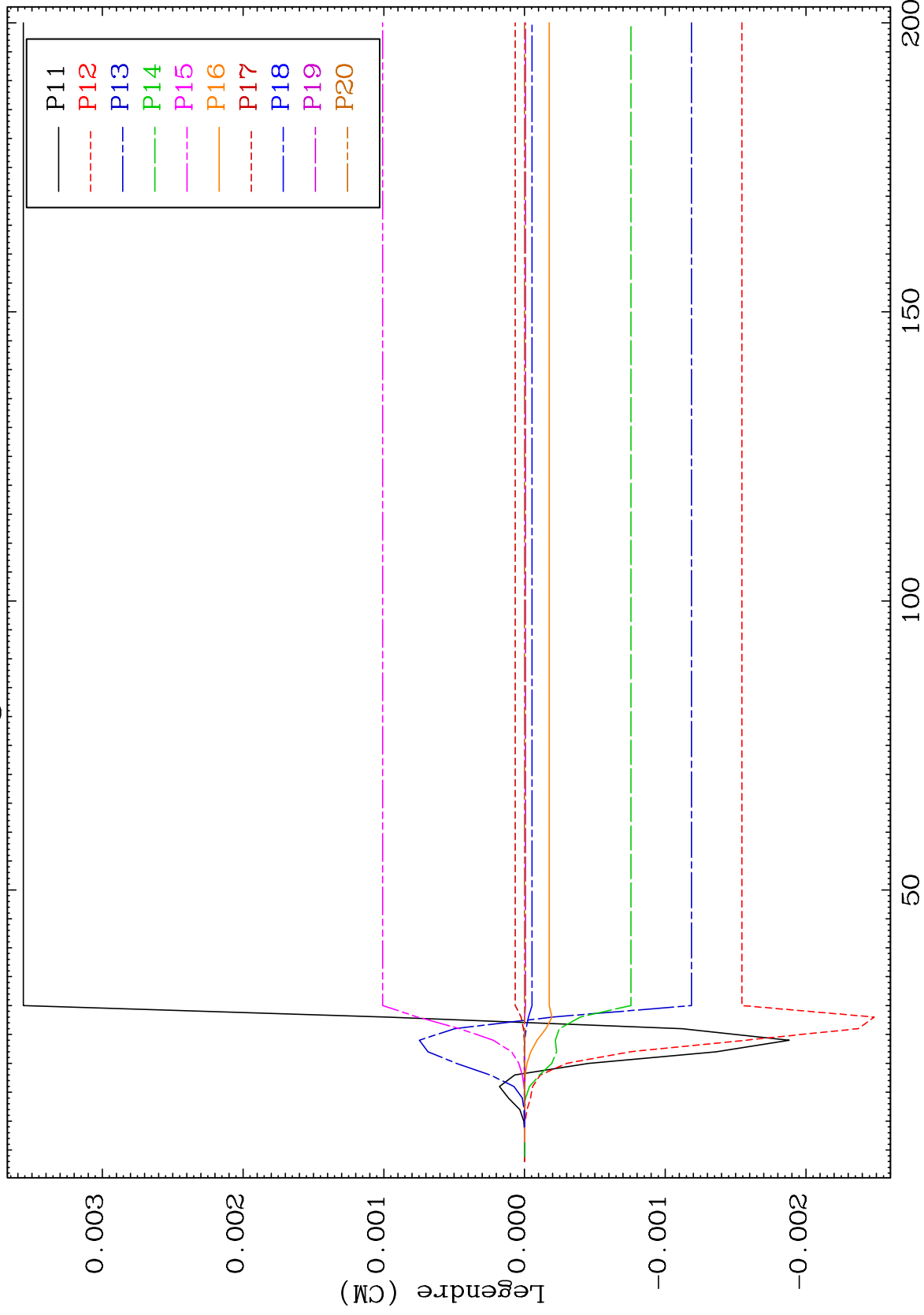
102

68-Er-151

MAT 6792

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

68-Er-151



103

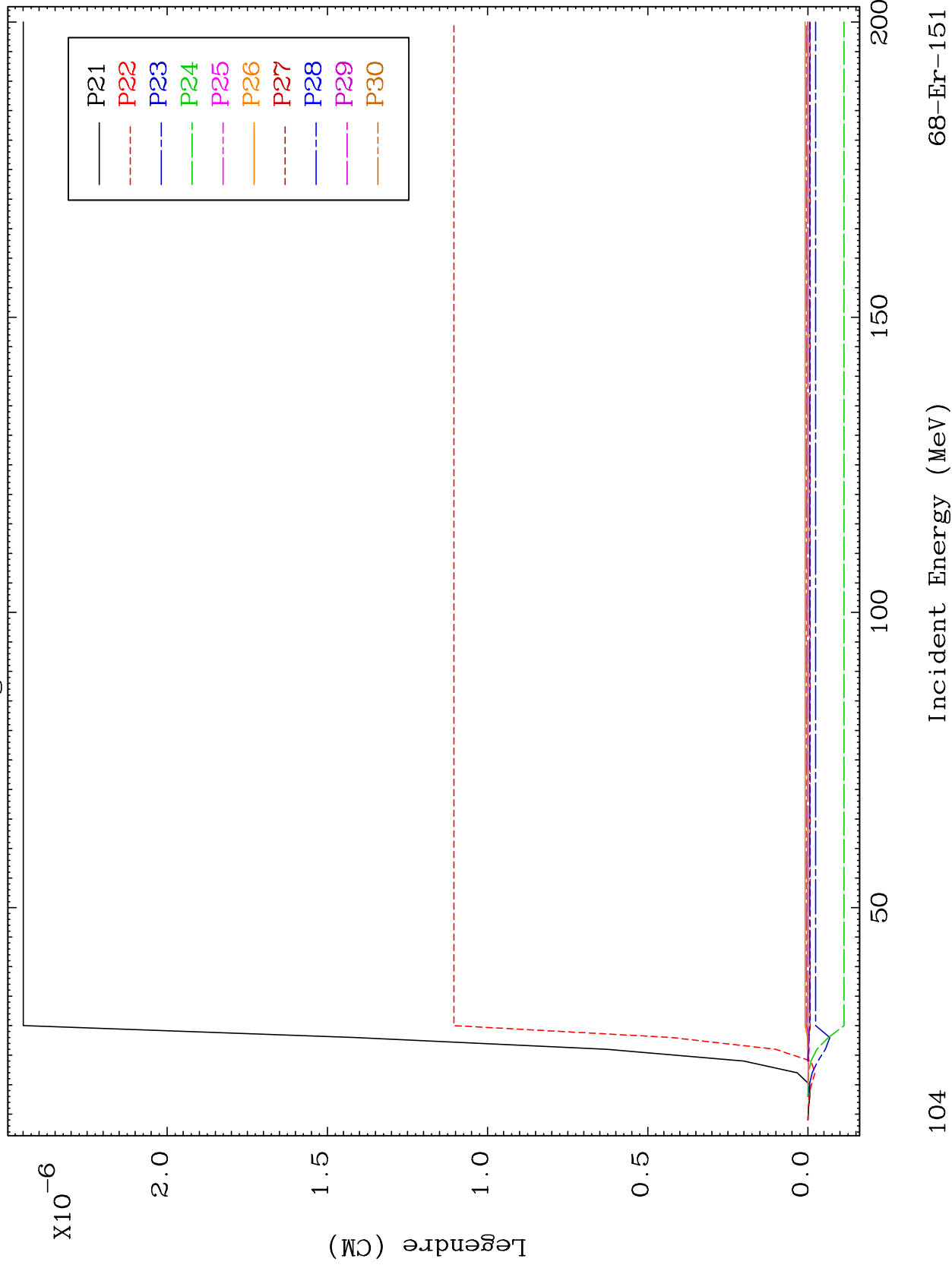
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



104

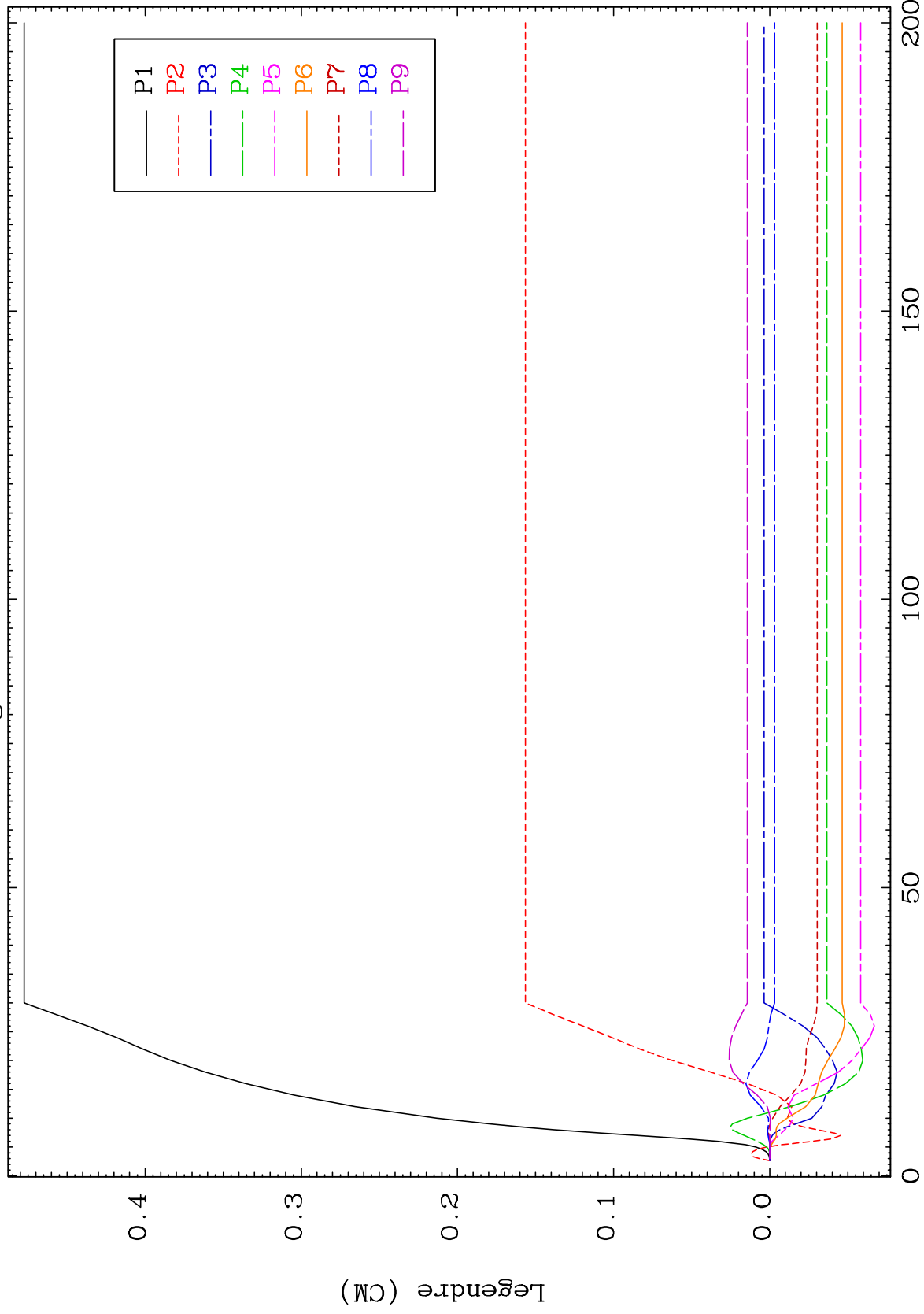
Incident Energy (MeV)

68-Er-151

MAT 6792

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

68-Er-151



68-Er-151

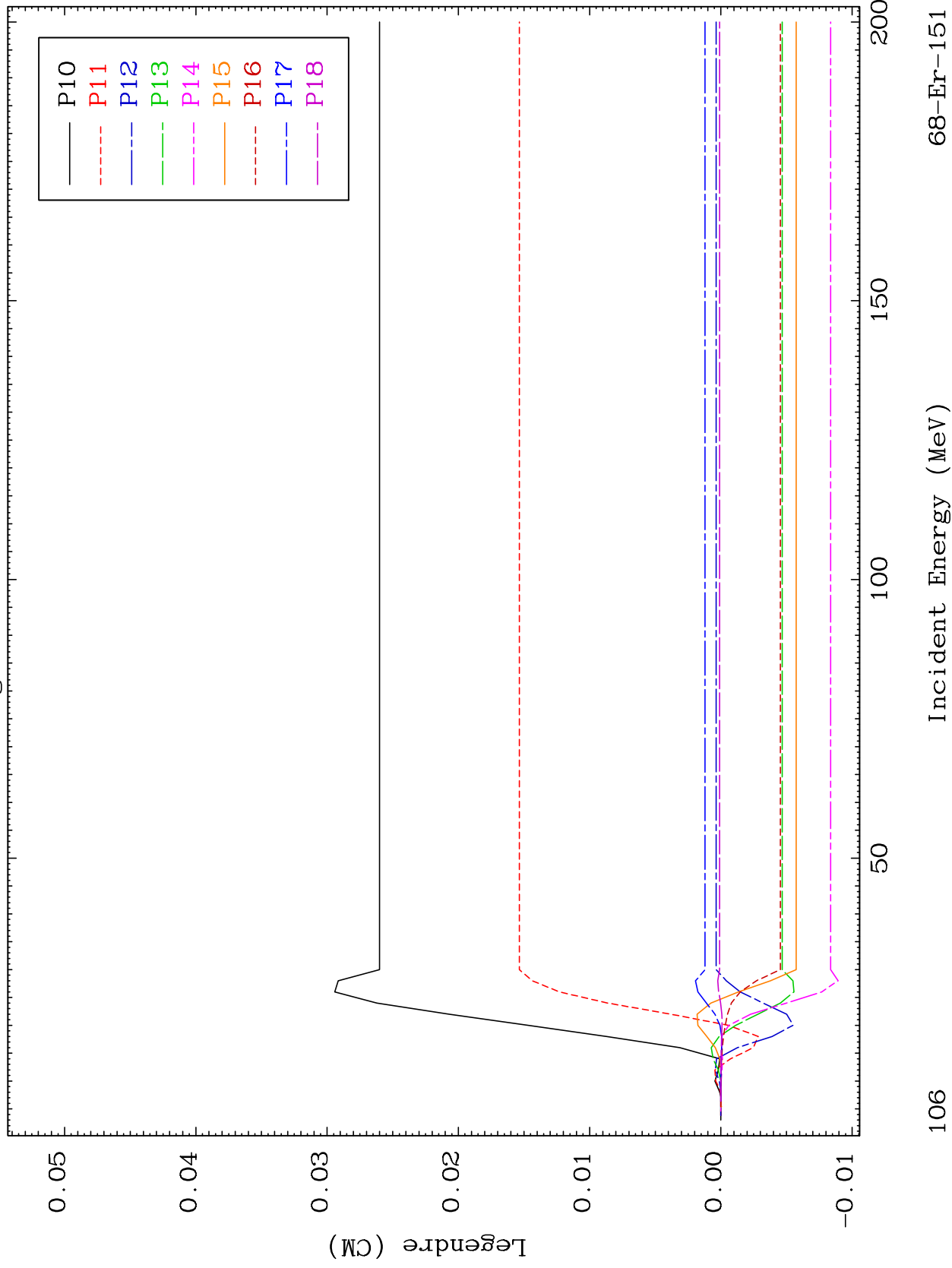
Incident Energy (MeV)

105

MAT 6792

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

68-Er-151



106

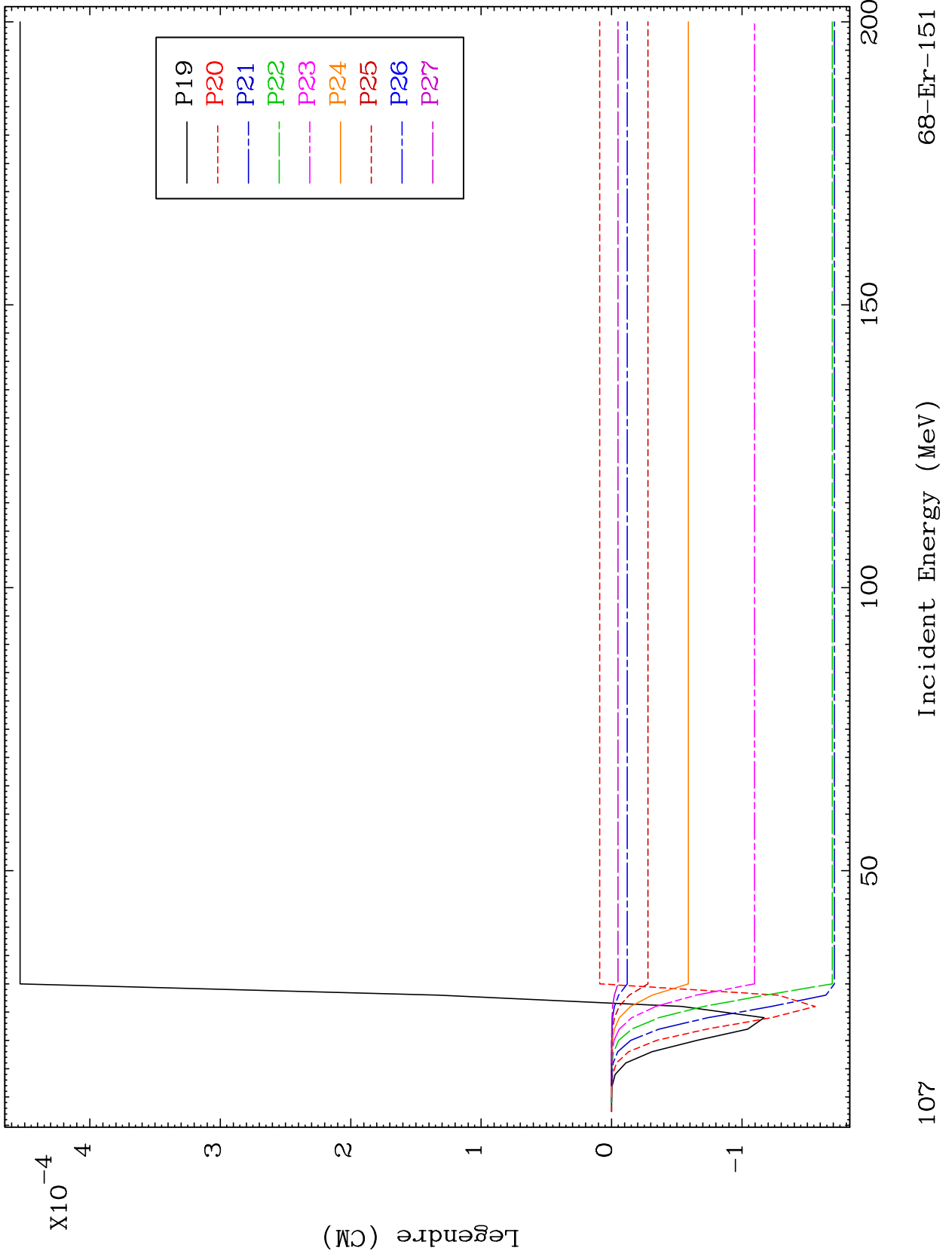
Incident Energy (MeV)

68-Er-151

MAT 6792

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

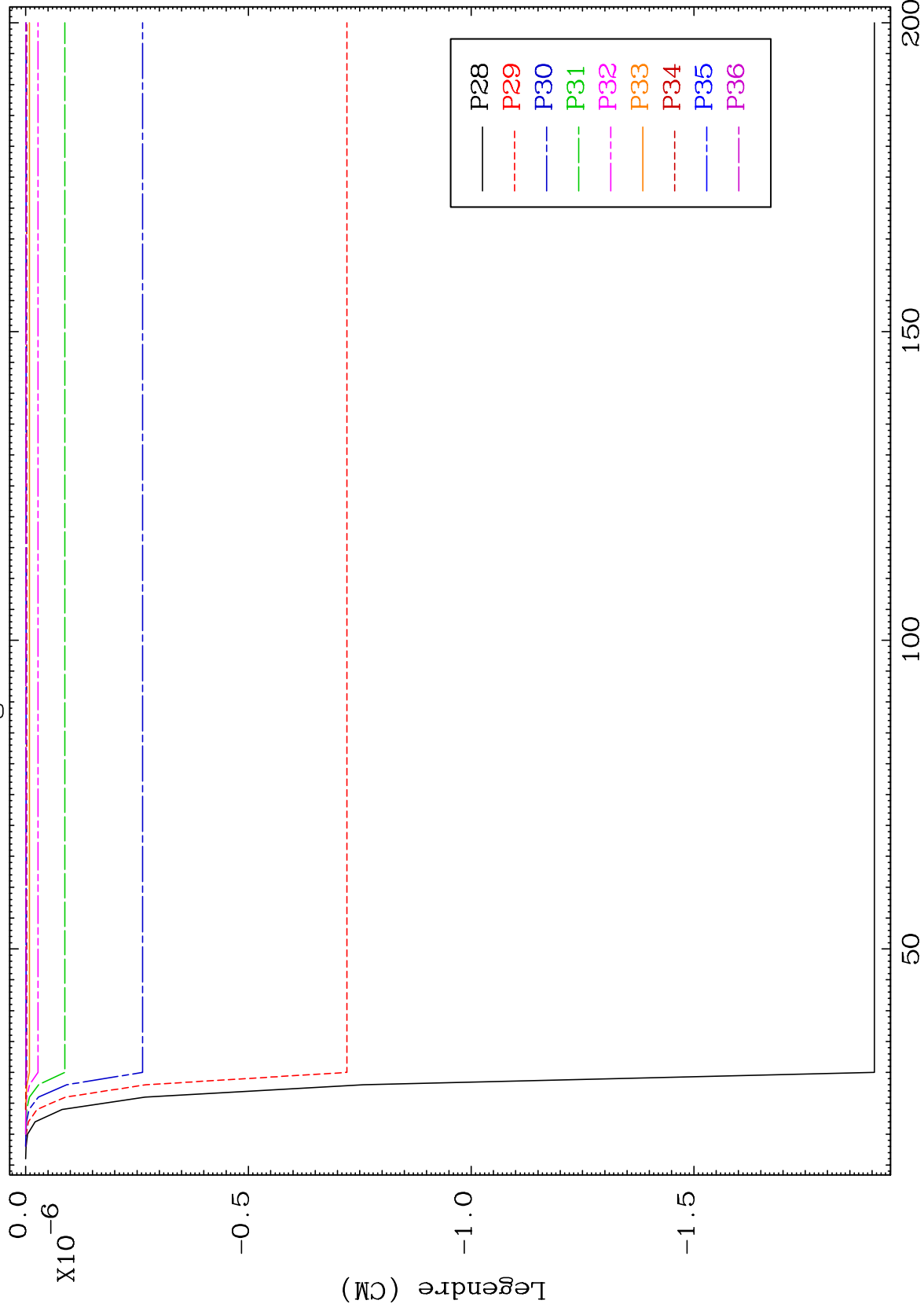
68-Er-151



MAT 6792

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

68-Er-151



108

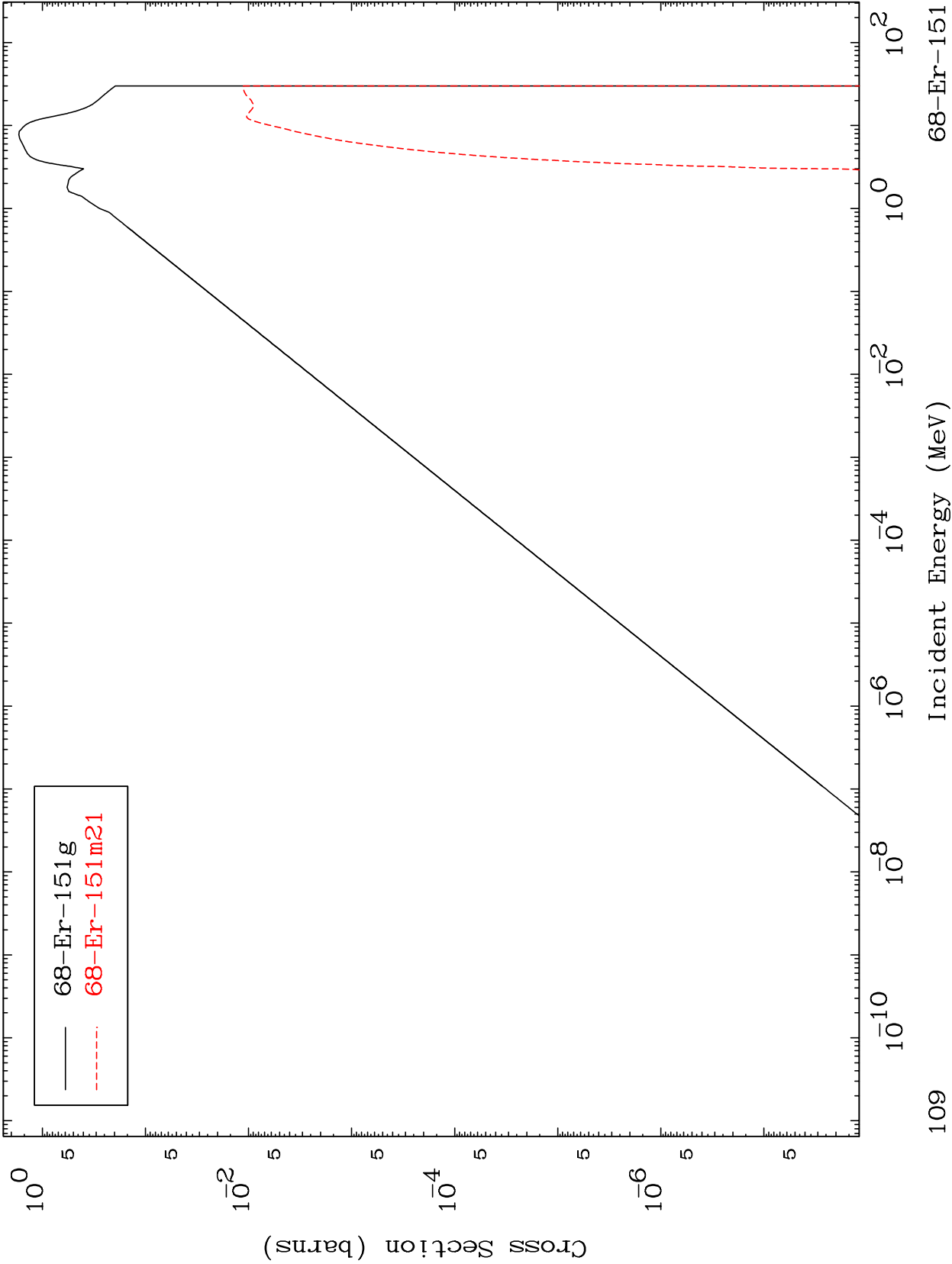
Incident Energy (MeV)

68-Er-151

MAT 6792

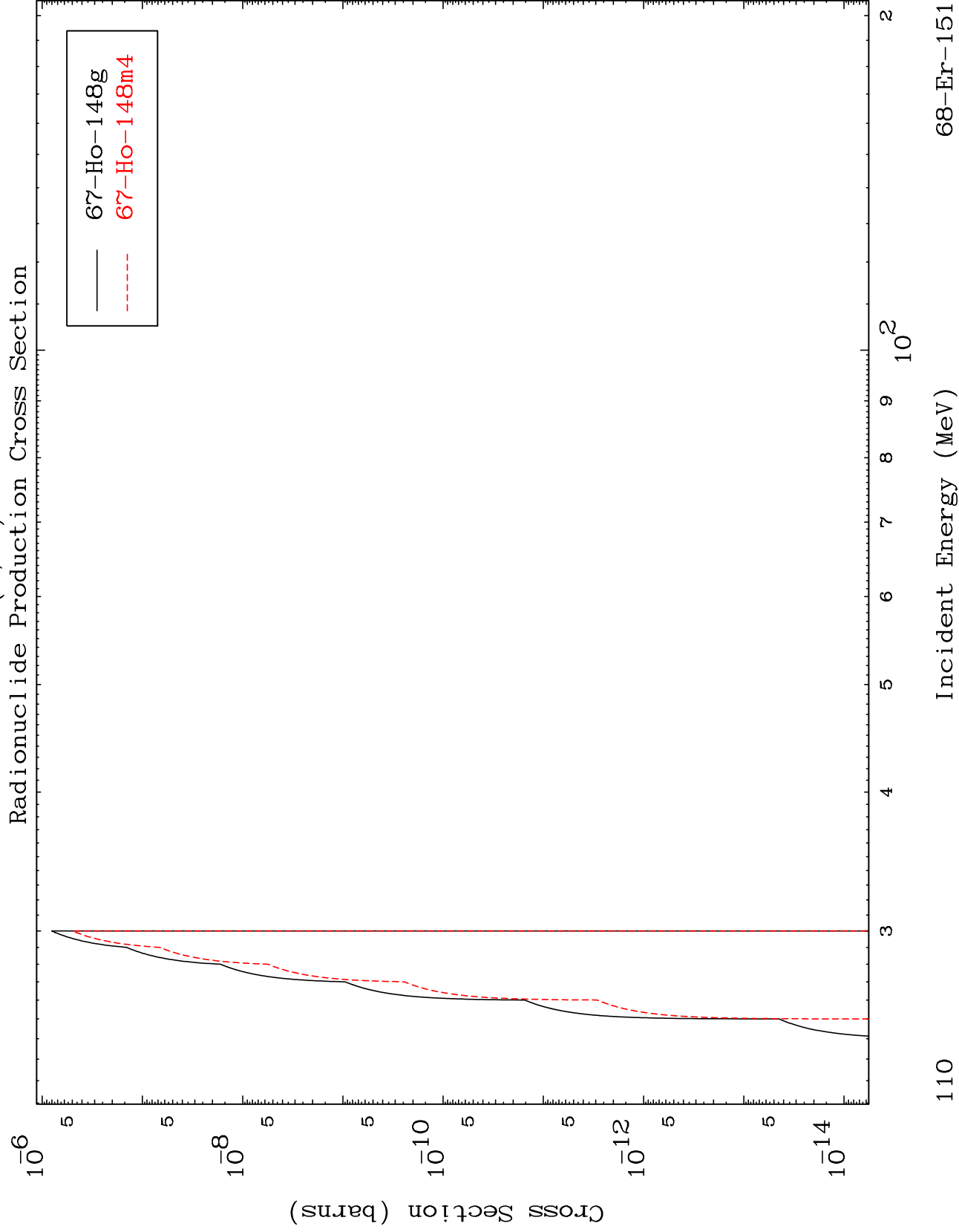
68-Er-151

Inelastic
Radionuclide Production Cross Section



109

68-Er-151

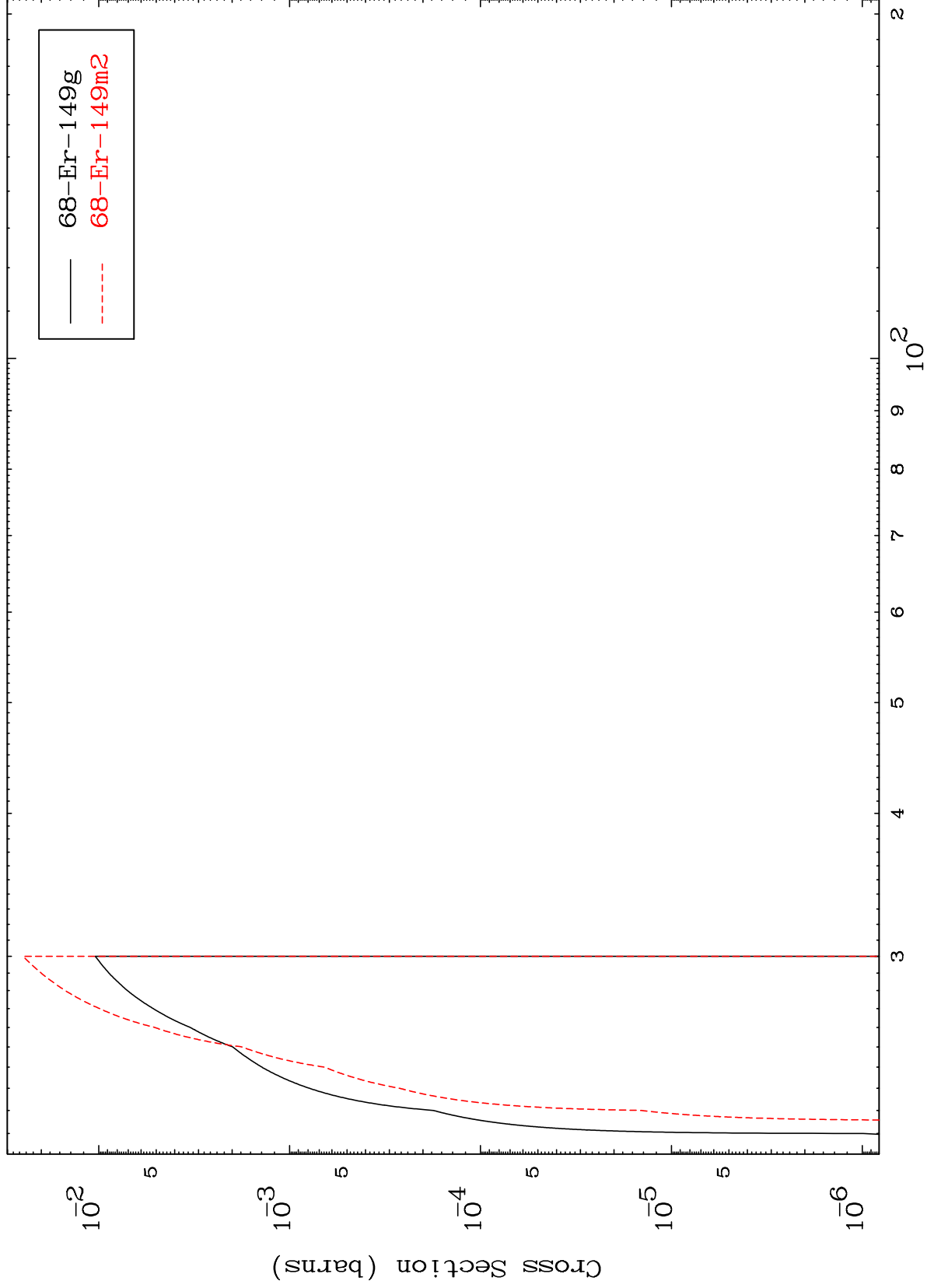


MAT 6792

(n,3n)

68-Er-151

Radionuclide Production Cross Section



111

Incident Energy (MeV)

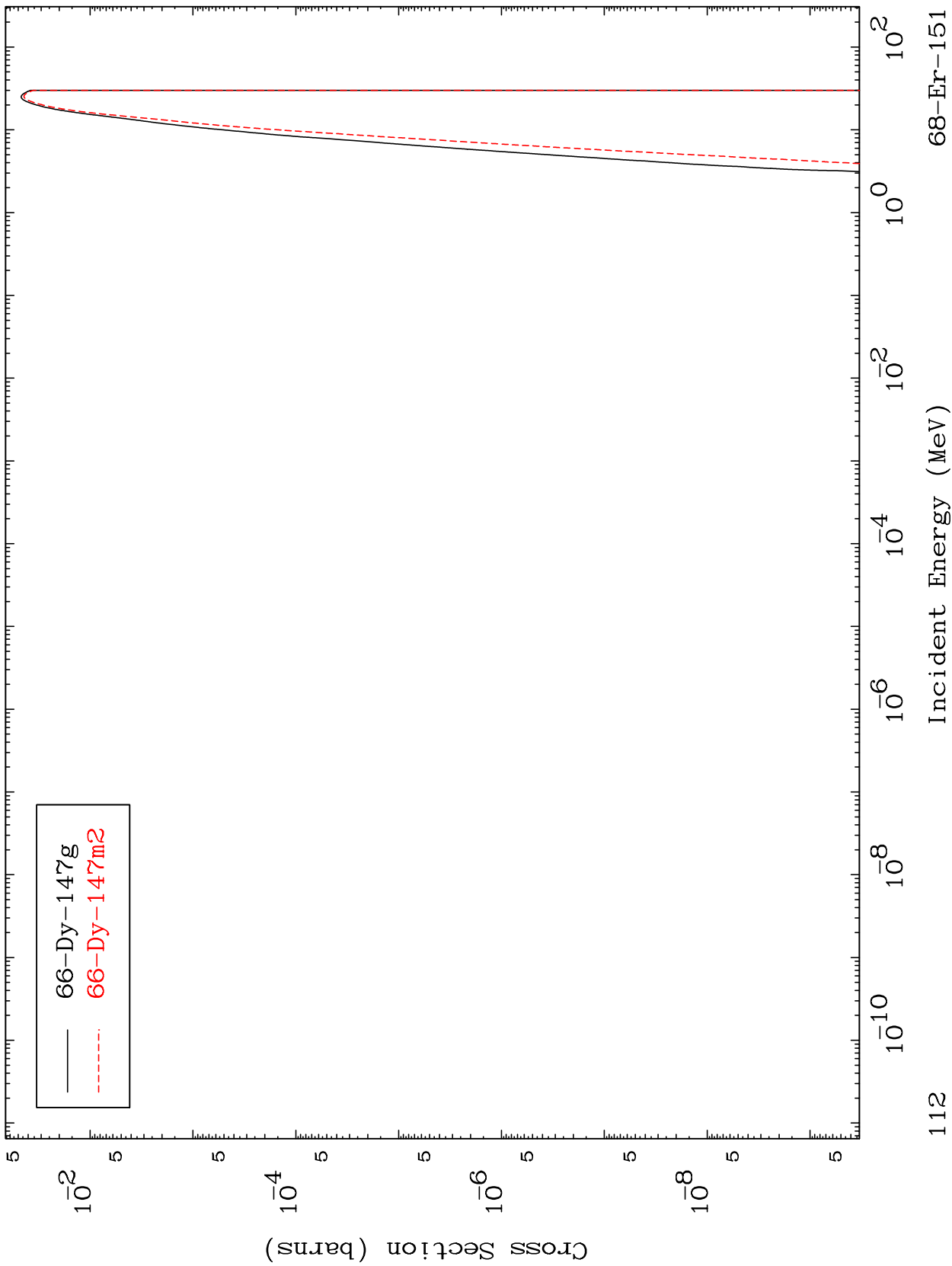
68-Er-151

MAT 6792

$(n, n') \alpha$

68-Er-151

Radionuclide Production Cross Section

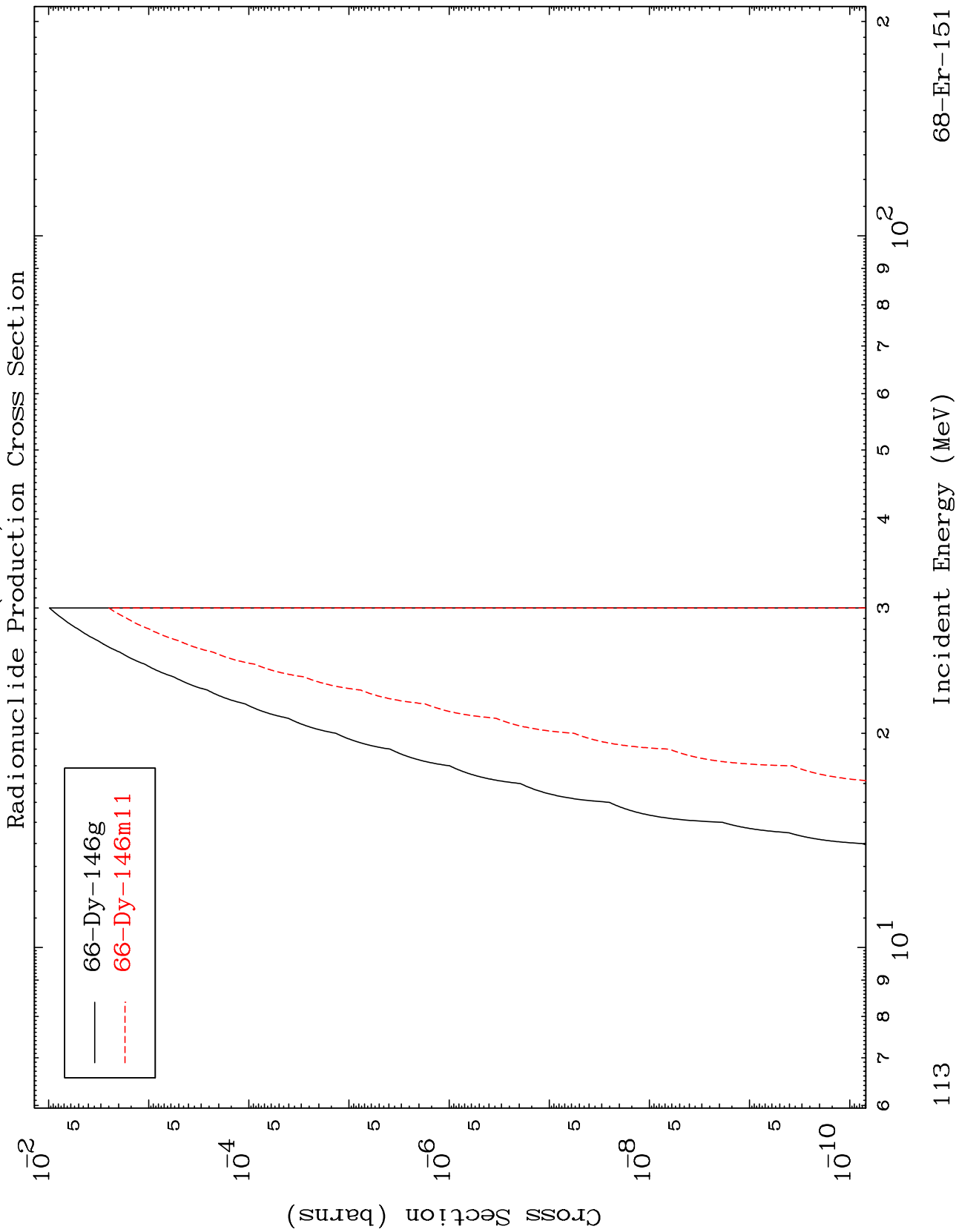


66-Dy-147g
66-Dy-147m2

MAT 6792

(n,2n) α

68-Er-151



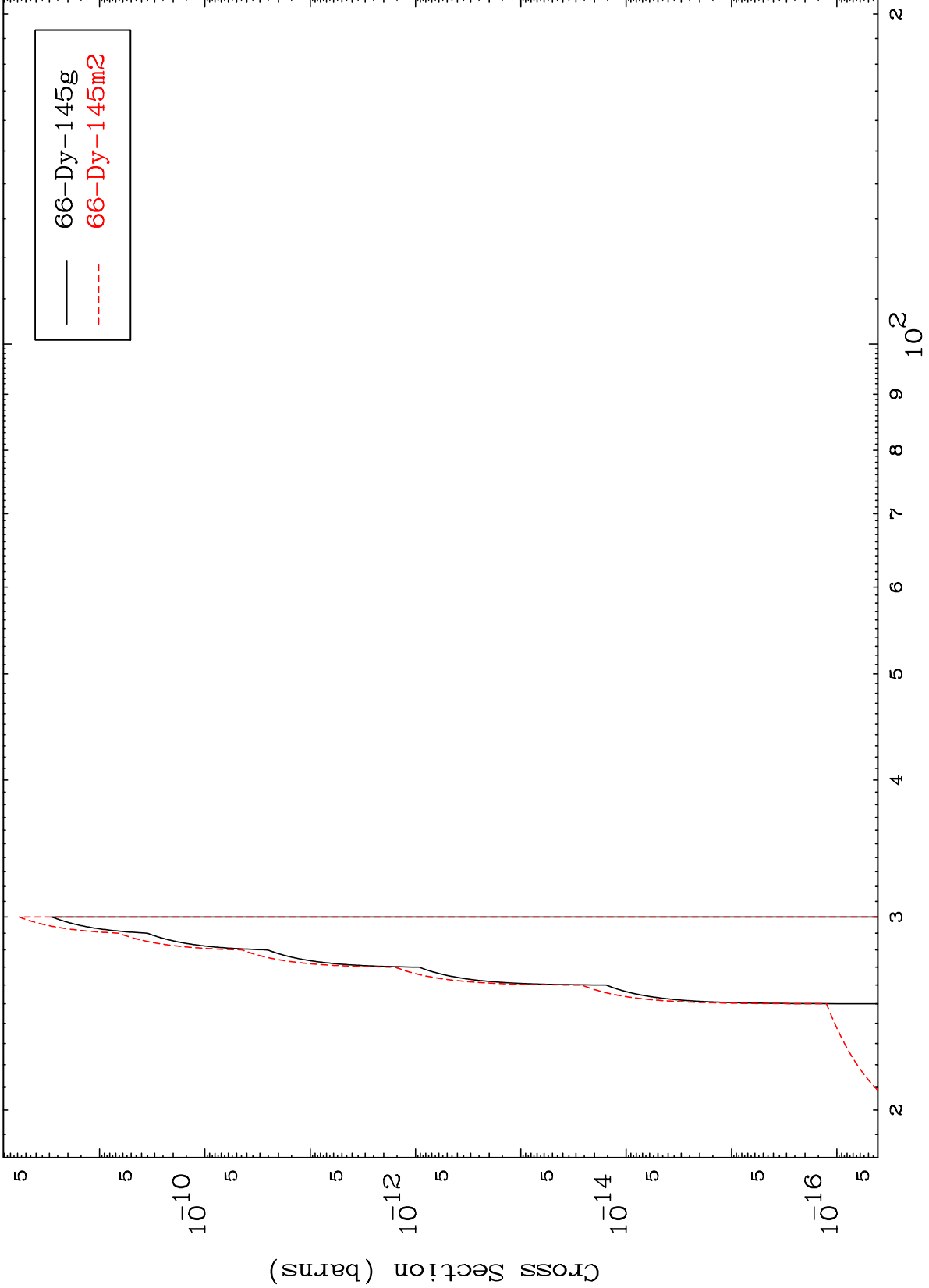
113

MAT 6792

(n,3n) α

68-Er-151

Radionuclide Production Cross Section



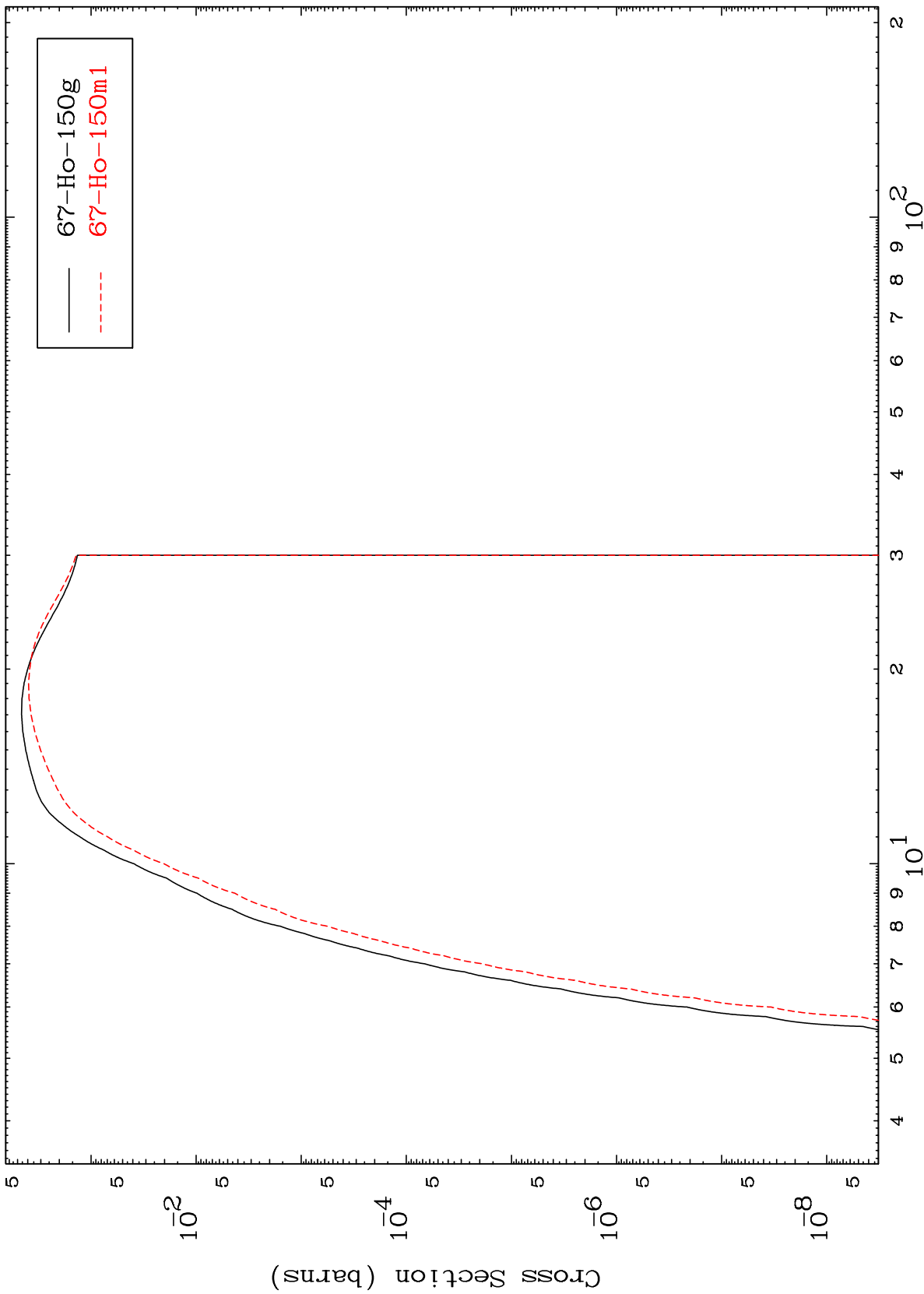
66-Dy-145g
66-Dy-145m2

114

Incident Energy (MeV)

68-Er-151

Radionuclide Production Cross Section

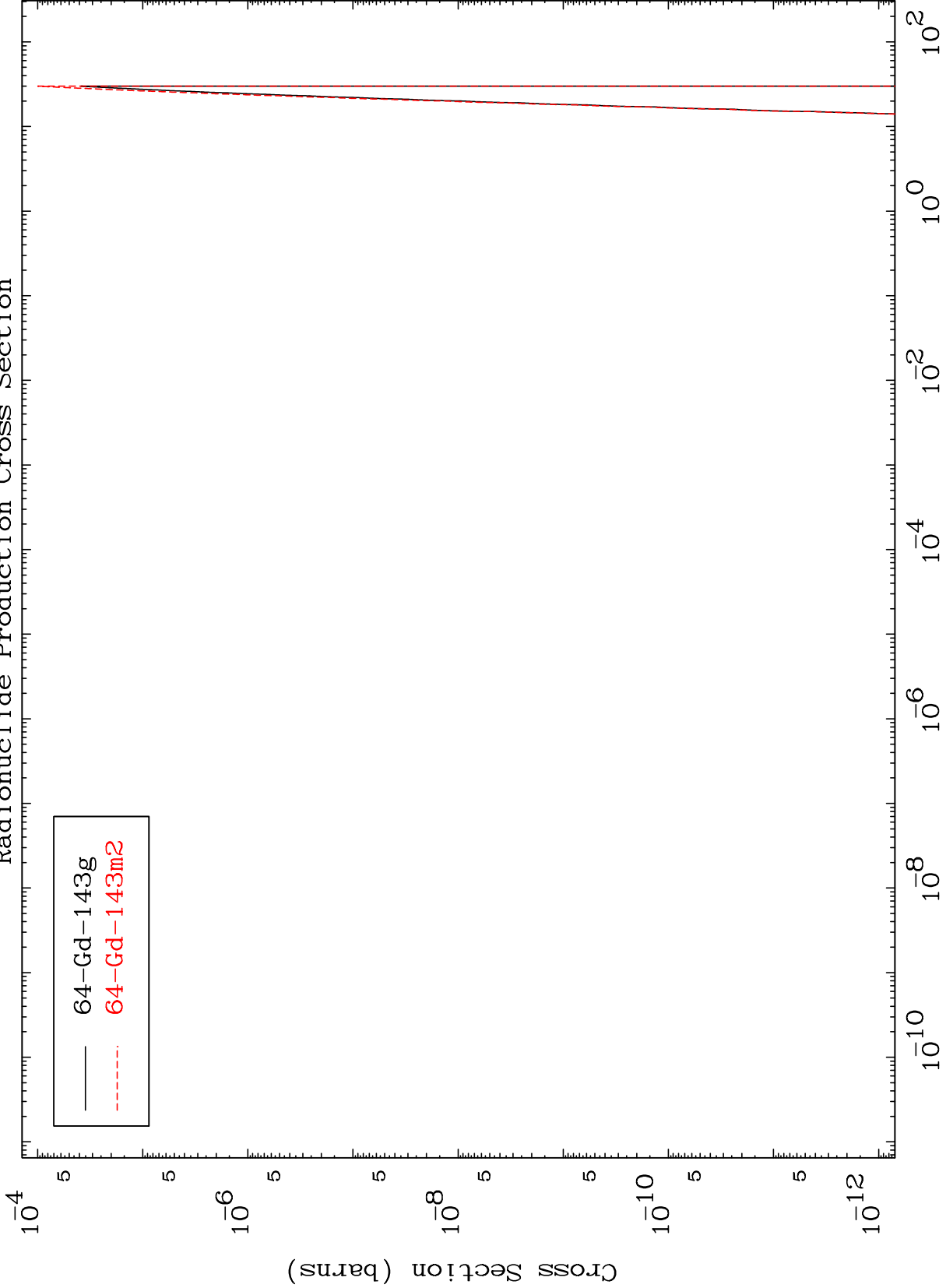


MAT 6792

(n,n') 2α

68-Er-151

Radionuclide Production Cross Section

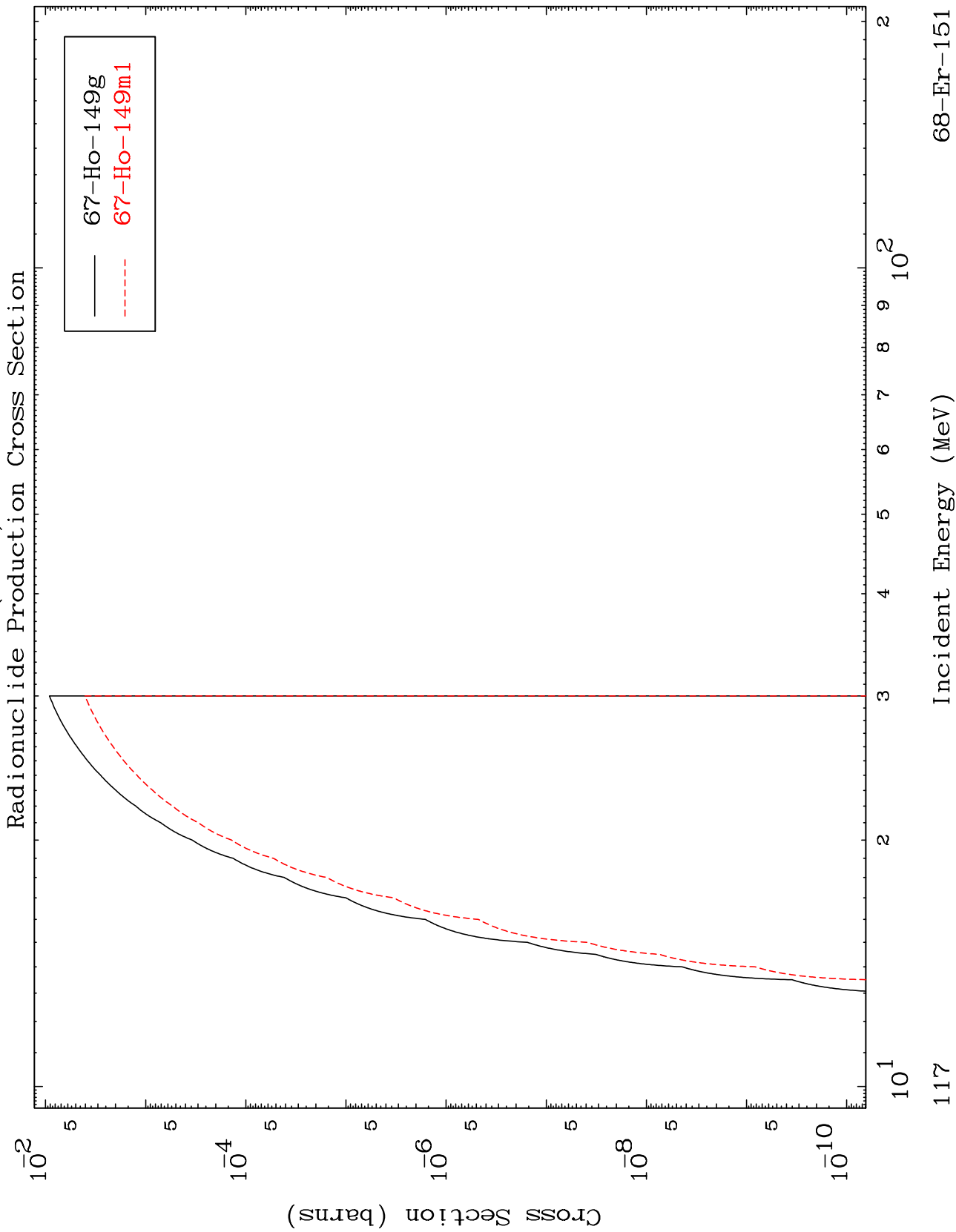


64-Gd-143g
64-Gd-143m2

MAT 6792

(n,n') d

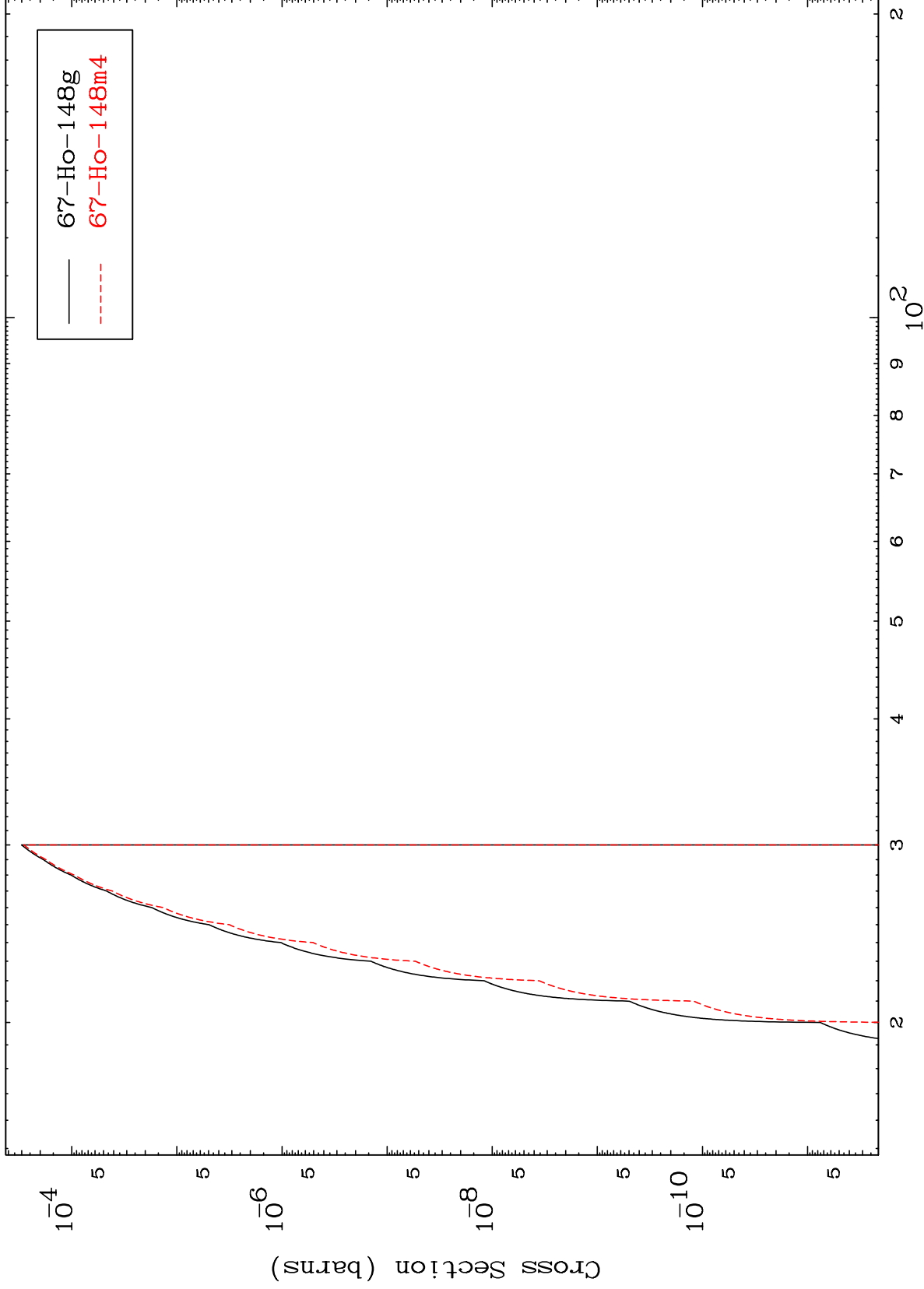
68-Er-151

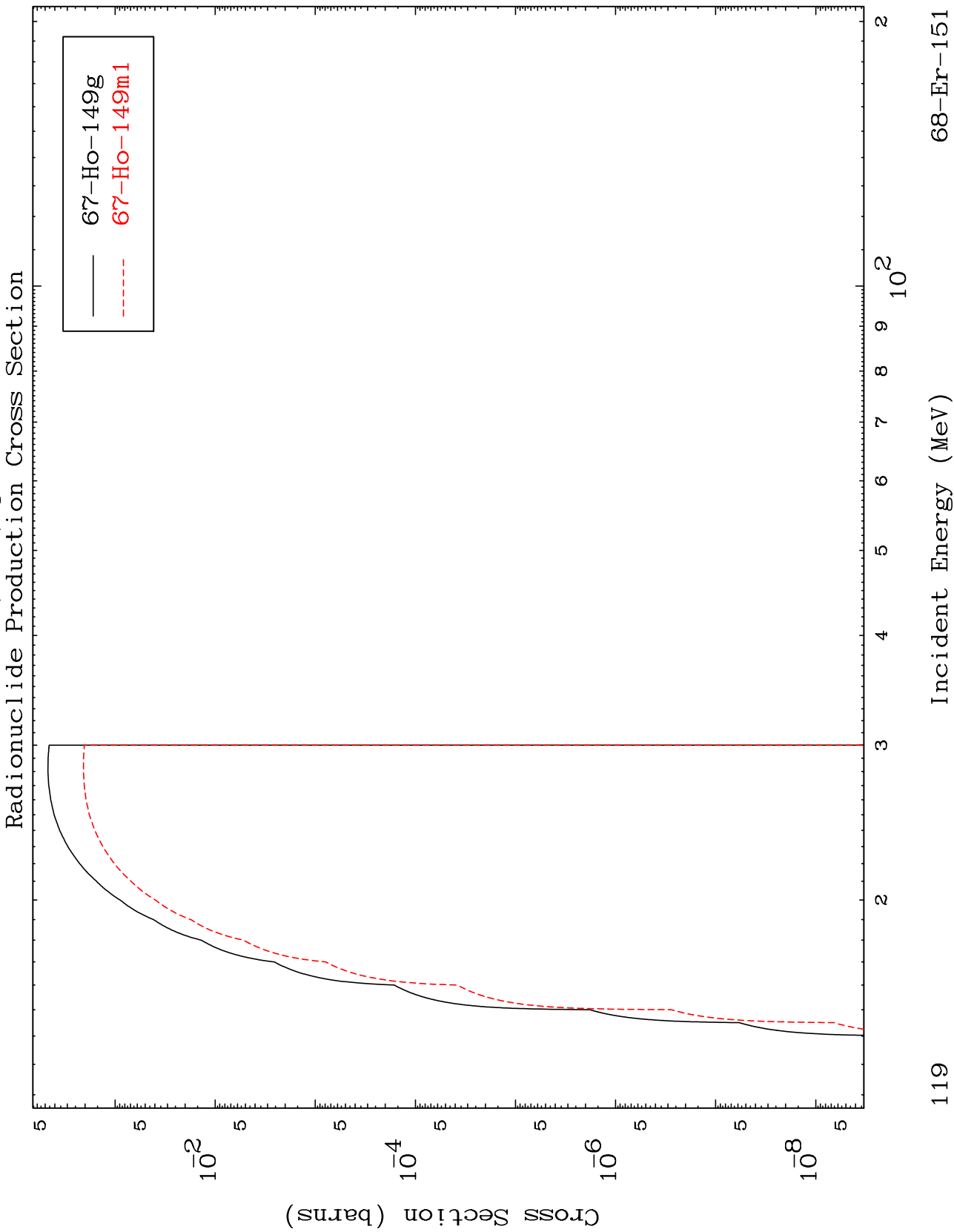


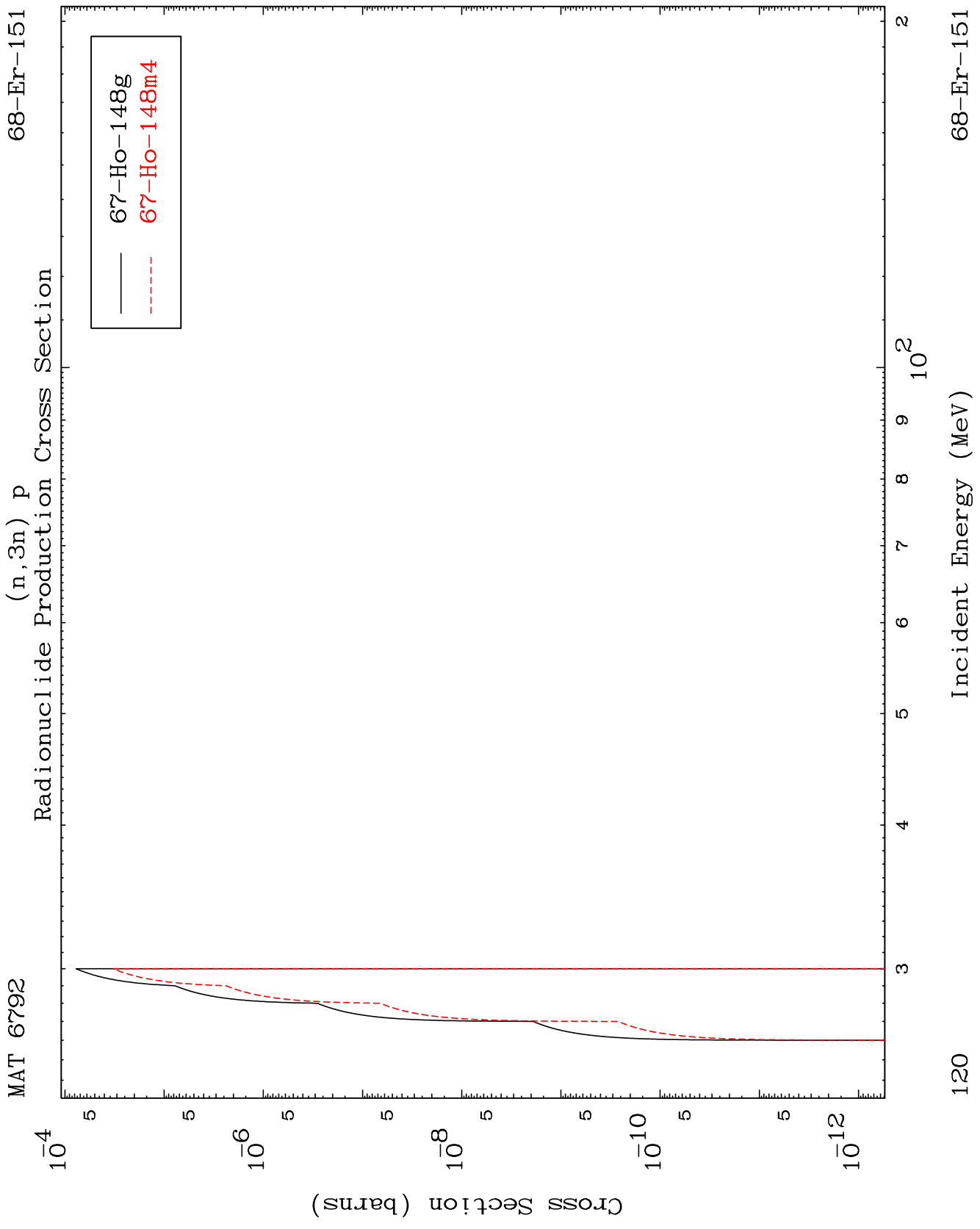
68-Er-151

117

Radionuclide Production Cross Section





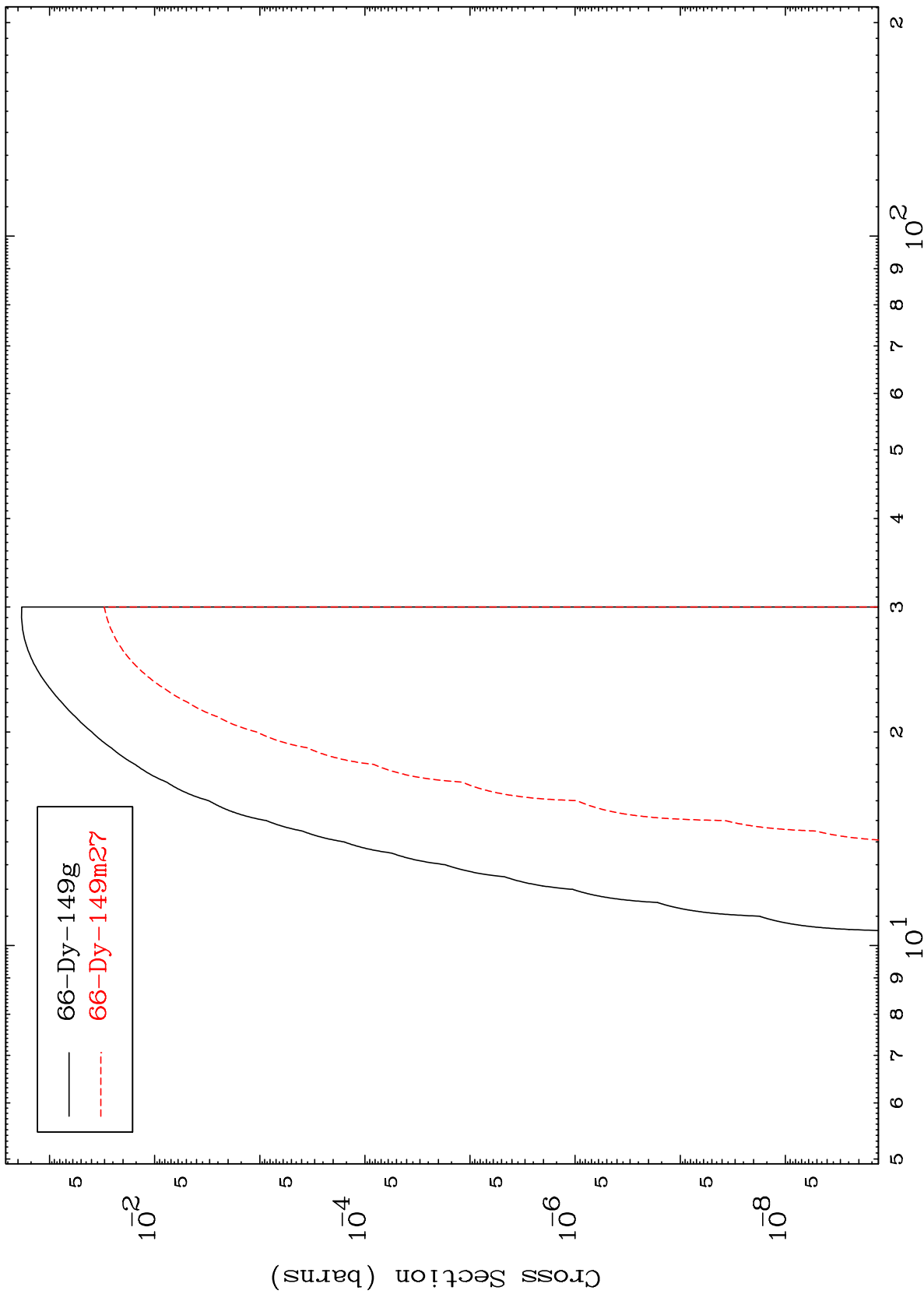


MAT 6792

(n,2n) p

68-Er-151

Radionuclide Production Cross Section

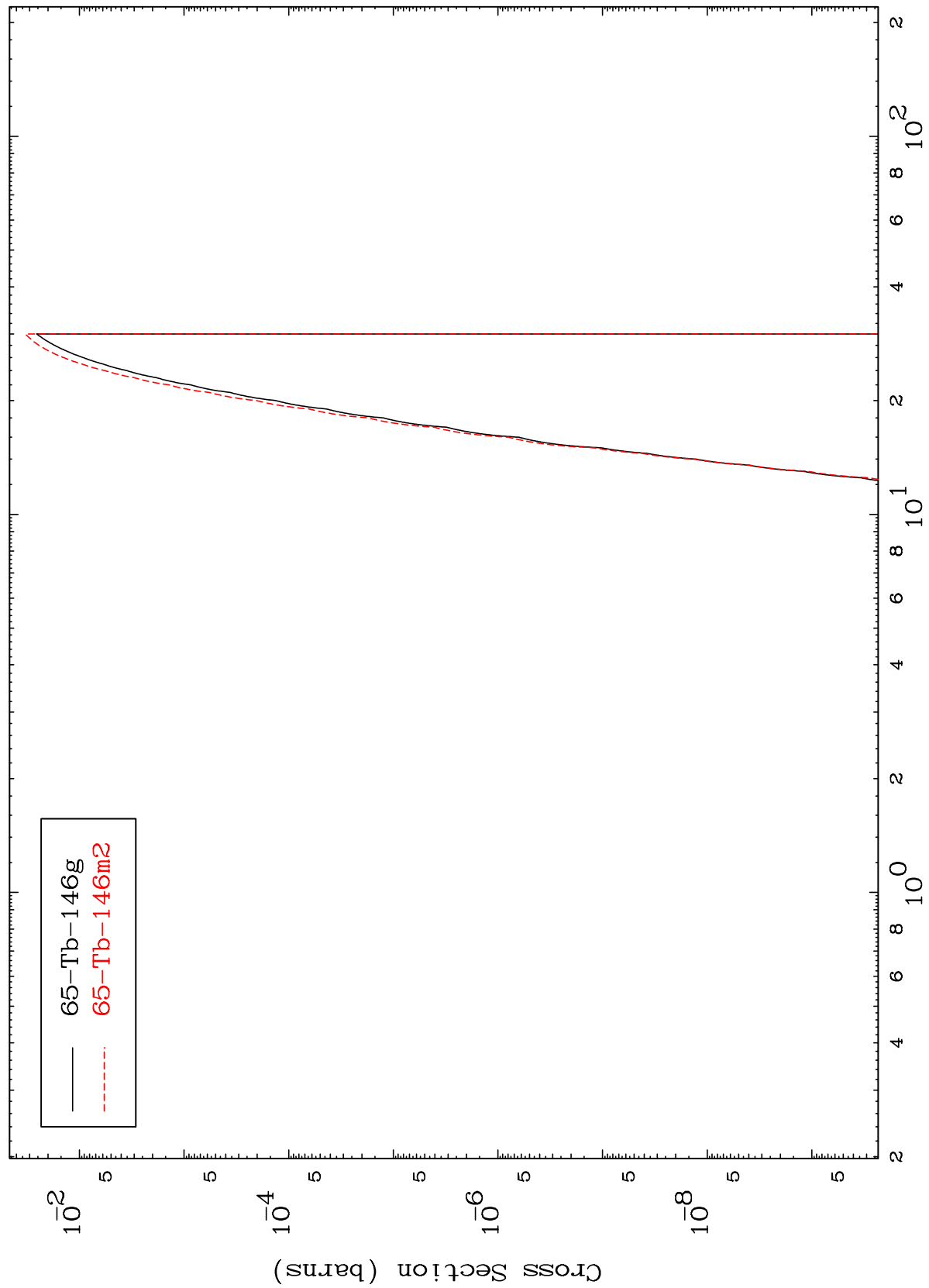


121

Incident Energy (MeV)

68-Er-151

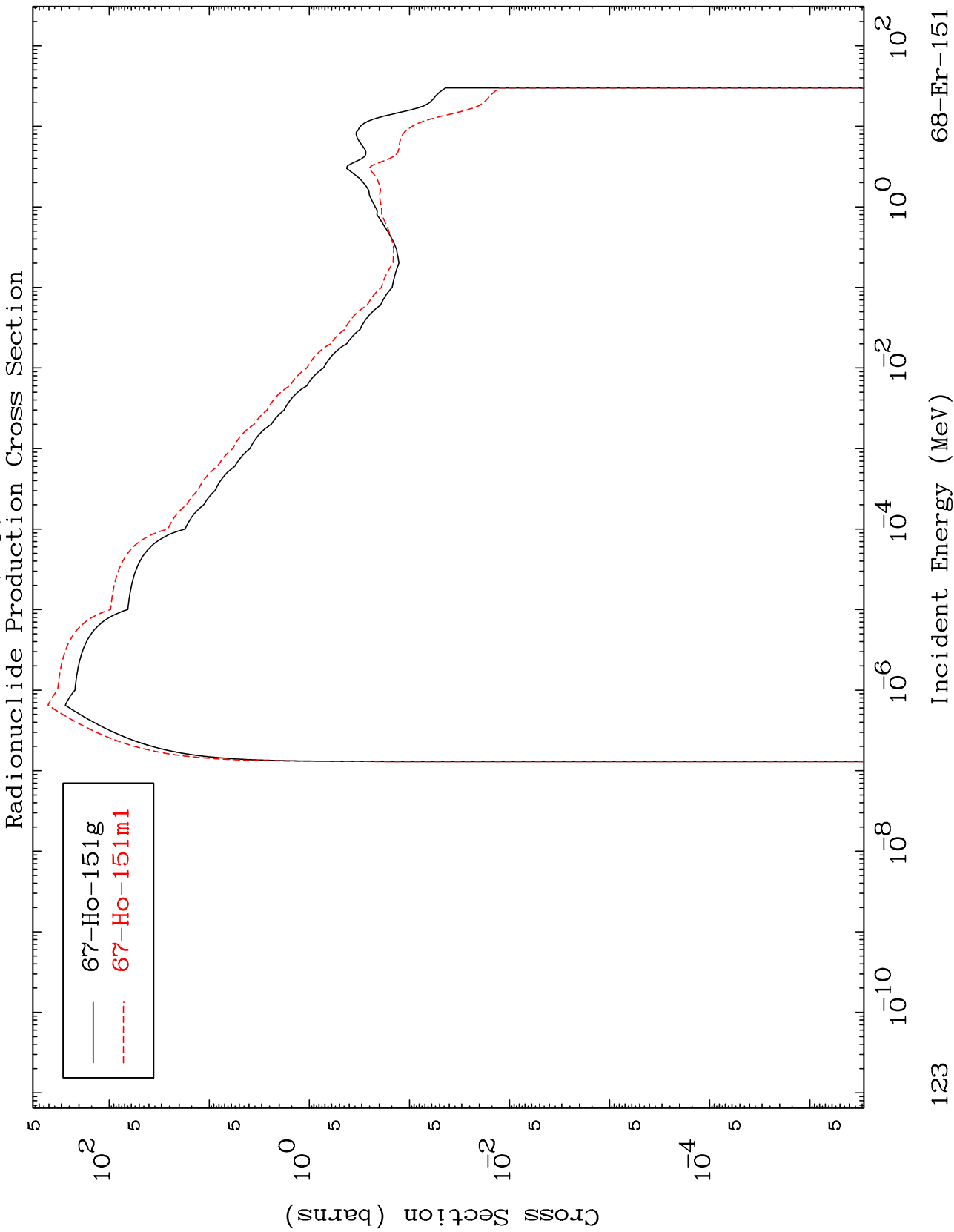
Radionuclide Production Cross Section



— 65-Tb-146g
- - - 65-Tb-146m2

MAT 6792

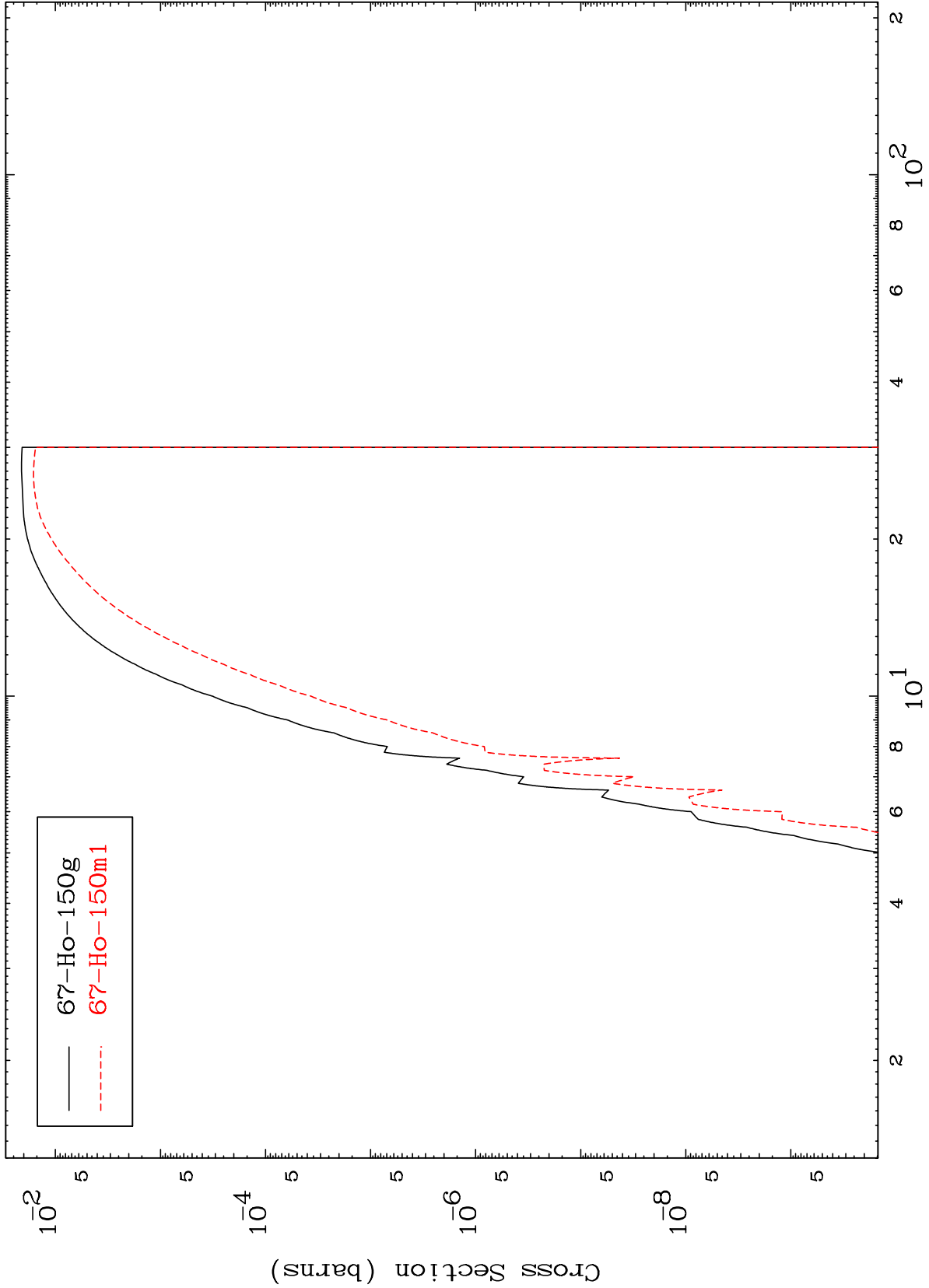
68-Er-151



MAT 6792

68-Er-151

(n,d)
Radionuclide Production Cross Section



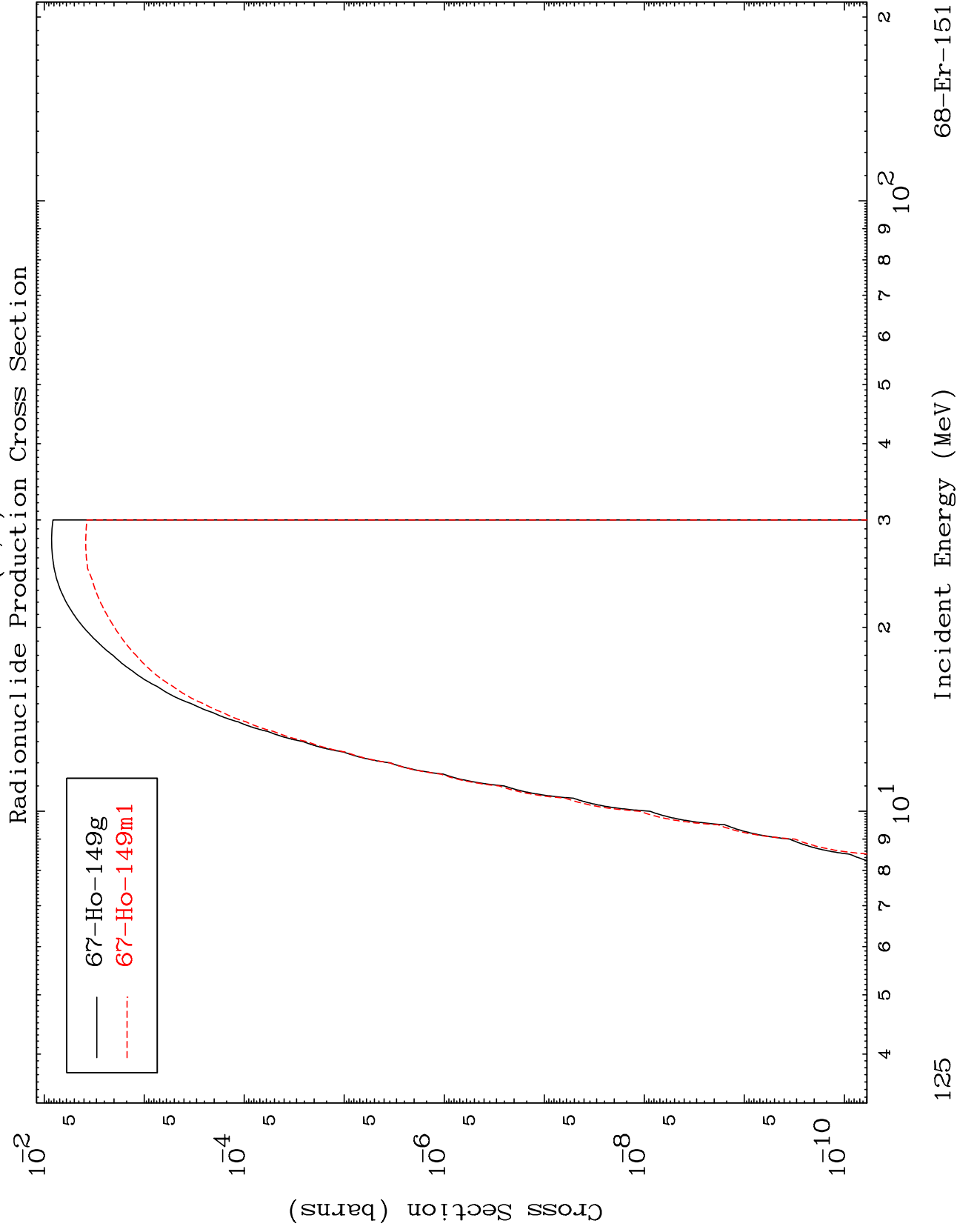
124

Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151



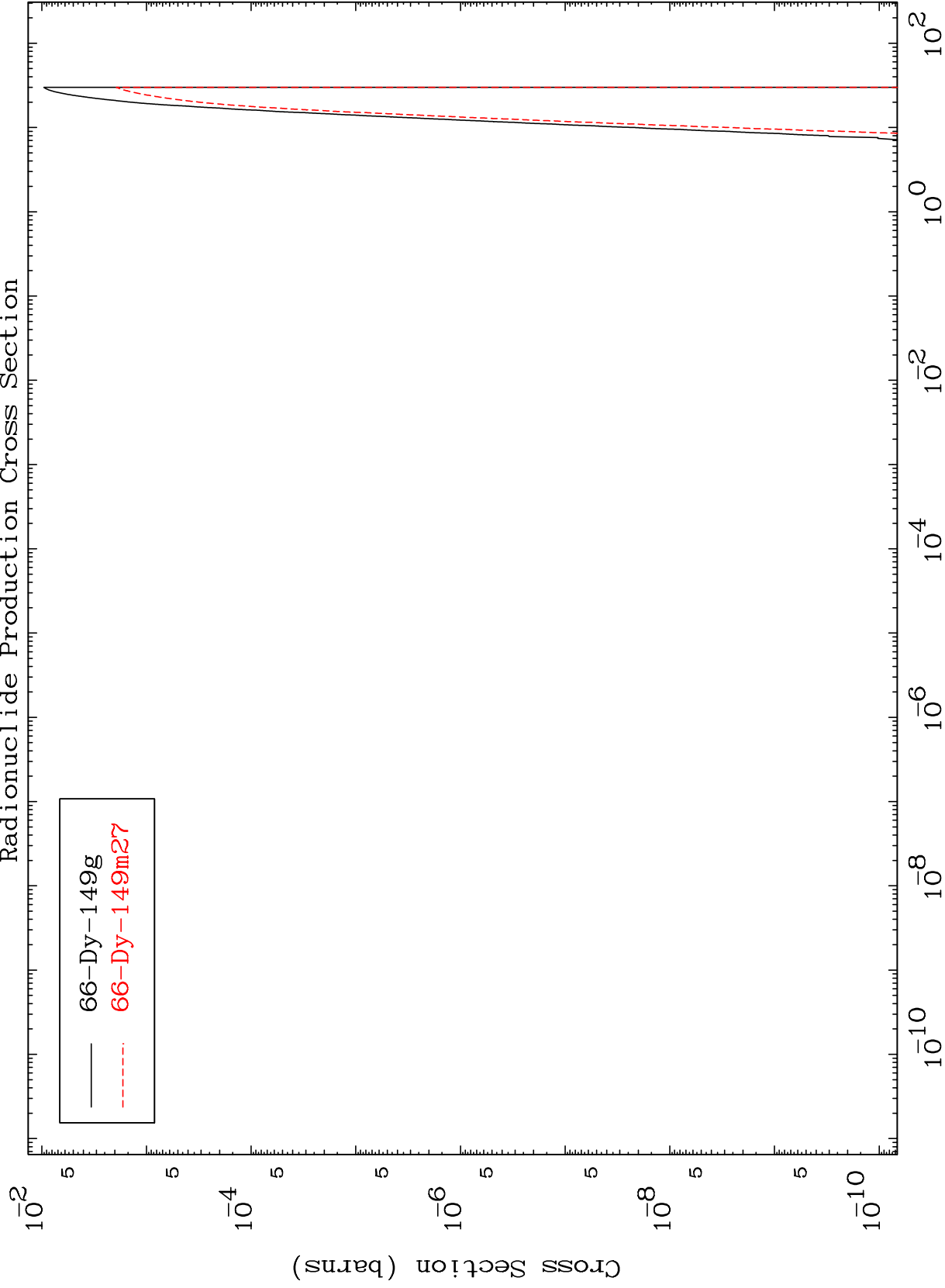
125

MAT 6792

(n,He-3)

68-Er-151

Radionuclide Production Cross Section



126

Incident Energy (MeV)

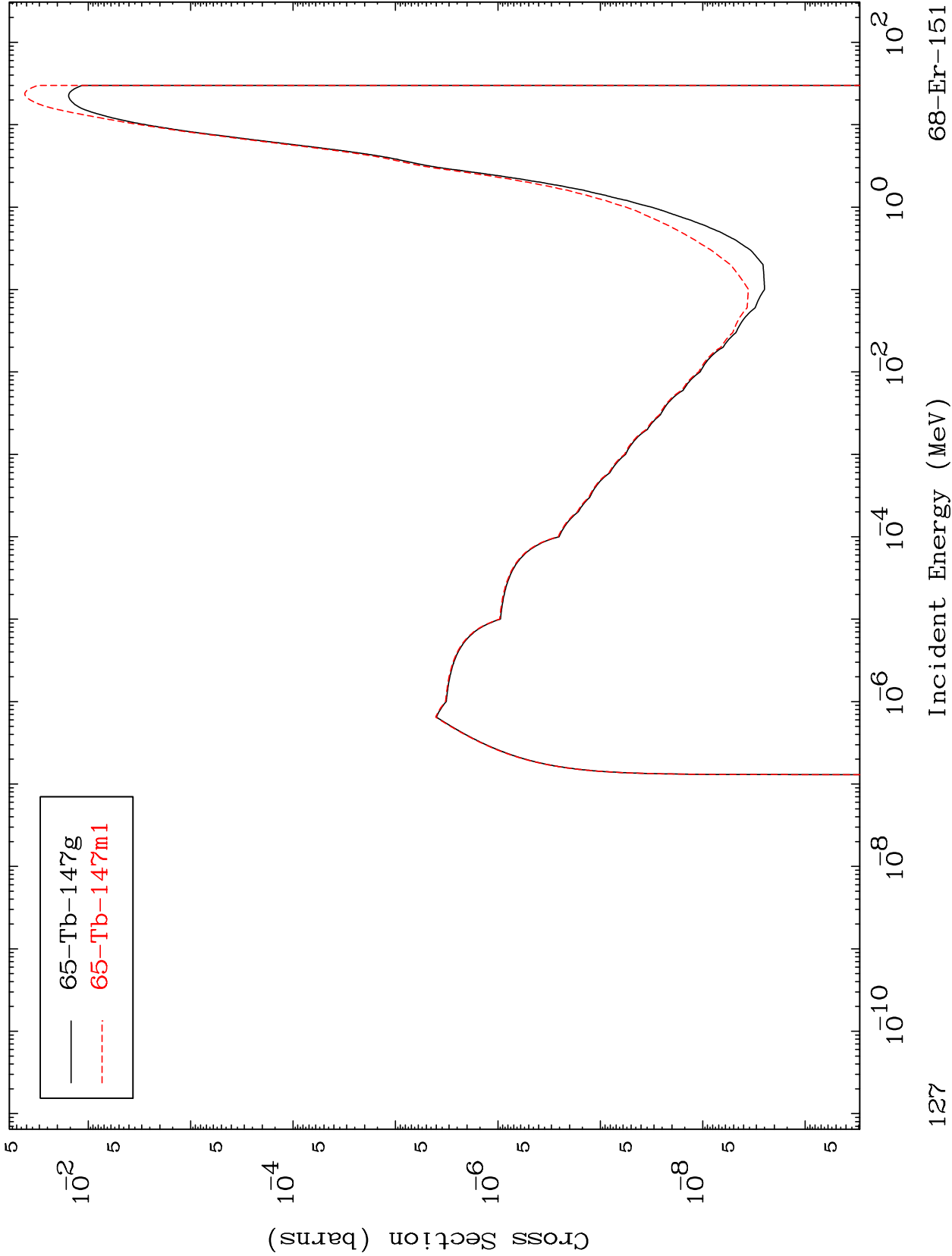
68-Er-151

MAT 6792

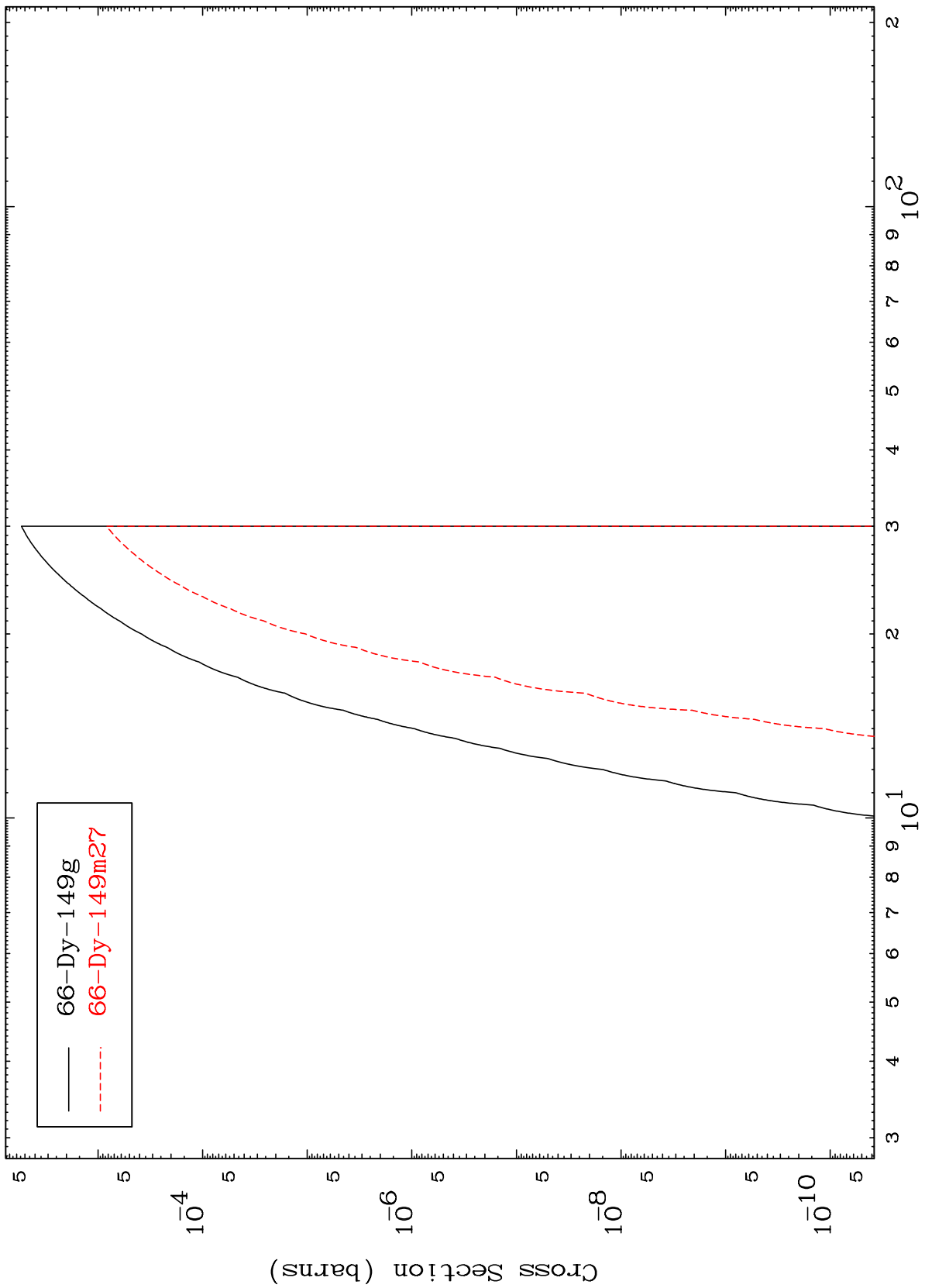
(n,p) α

68-Er-151

Radionuclide Production Cross Section



Radionuclide Production Cross Section



MAT 6792

(n,d) α

68-Er-151

Radionuclide Production Cross Section

