

Program EVALPLOT  
(Version 2018-1)

by

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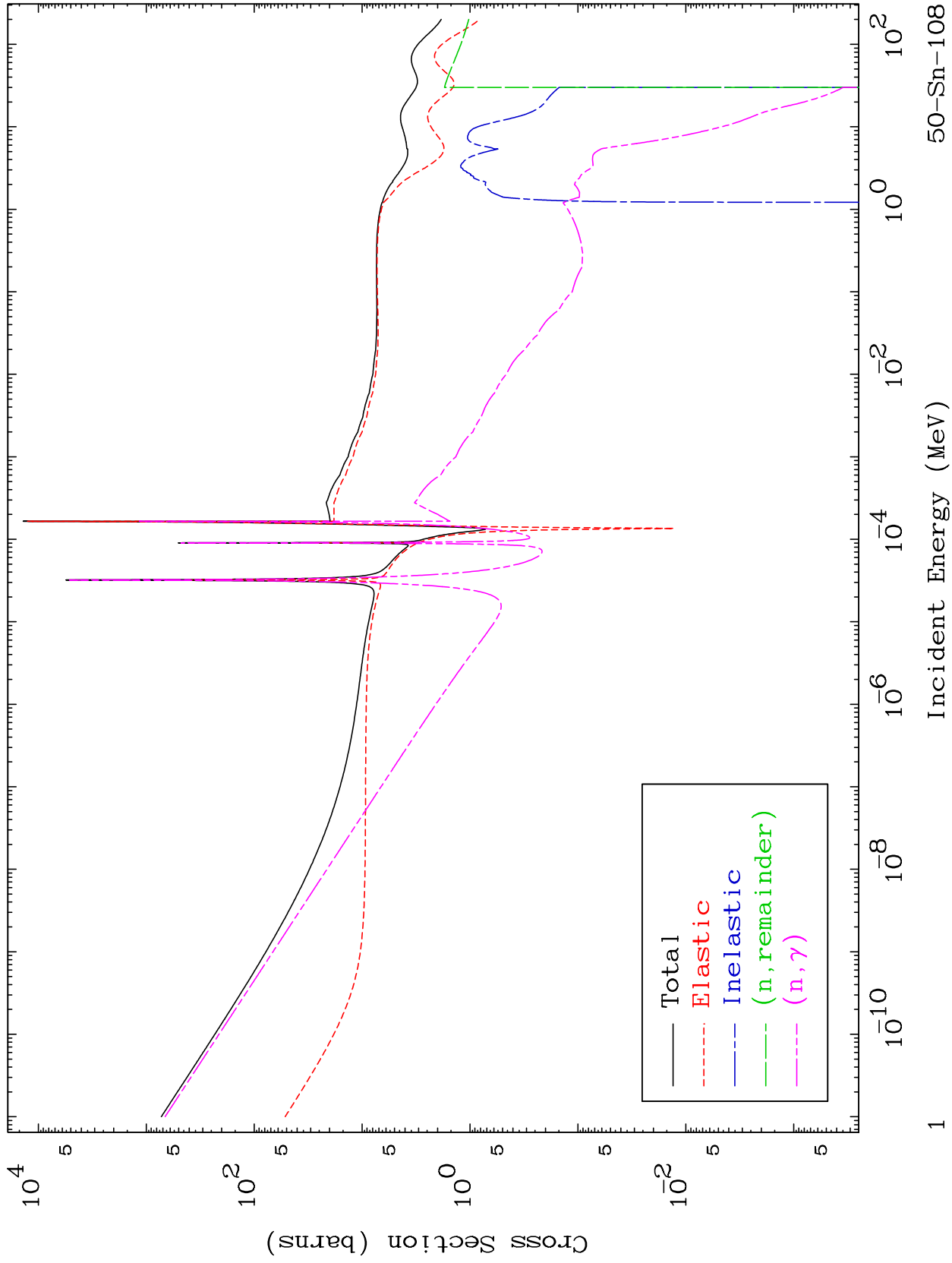
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5013

Major  
293 Kelvin Cross Sections

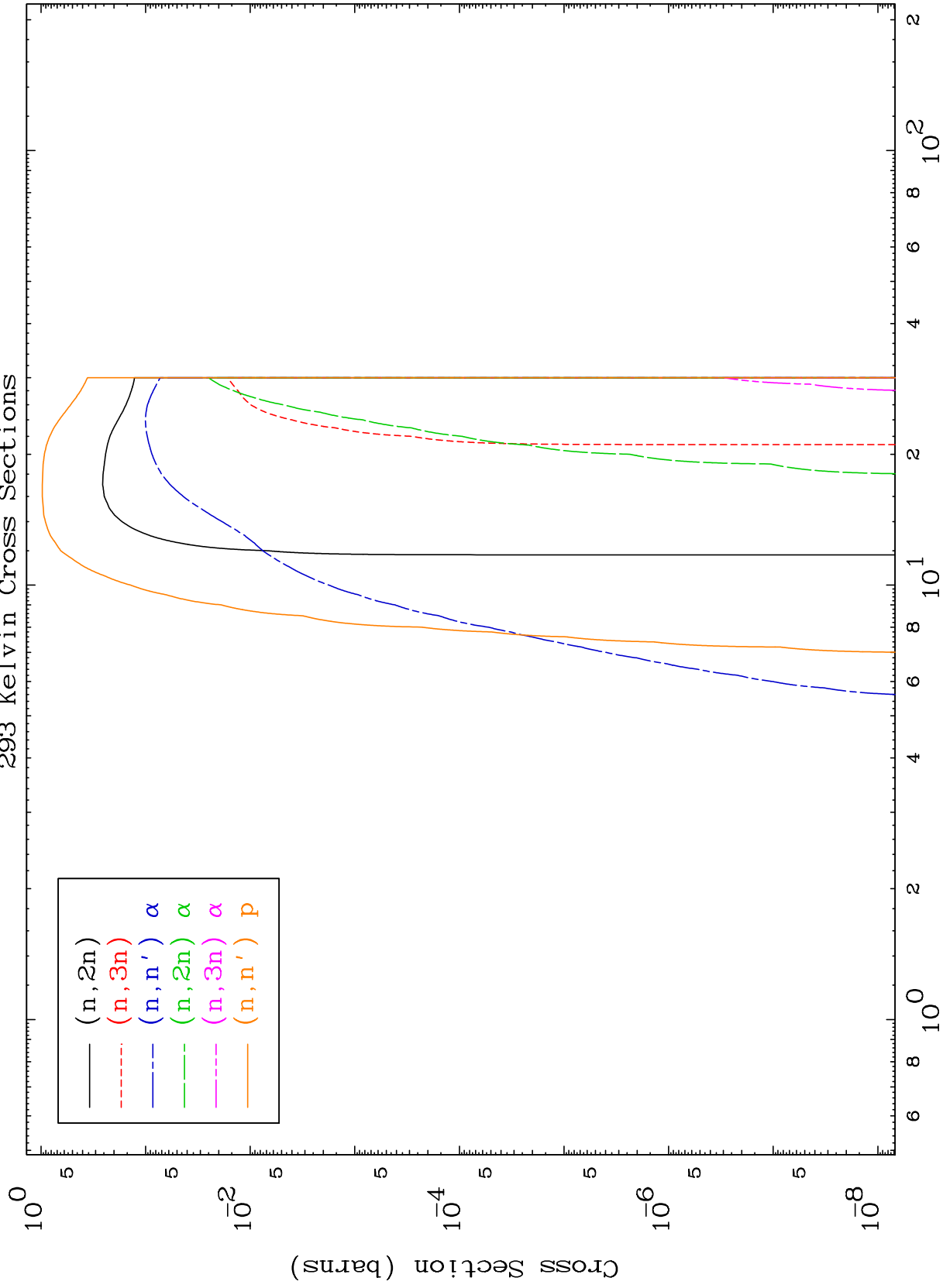
50-Sn-108



MAT 5013

Neutron Production  
293 Kelvin Cross Sections

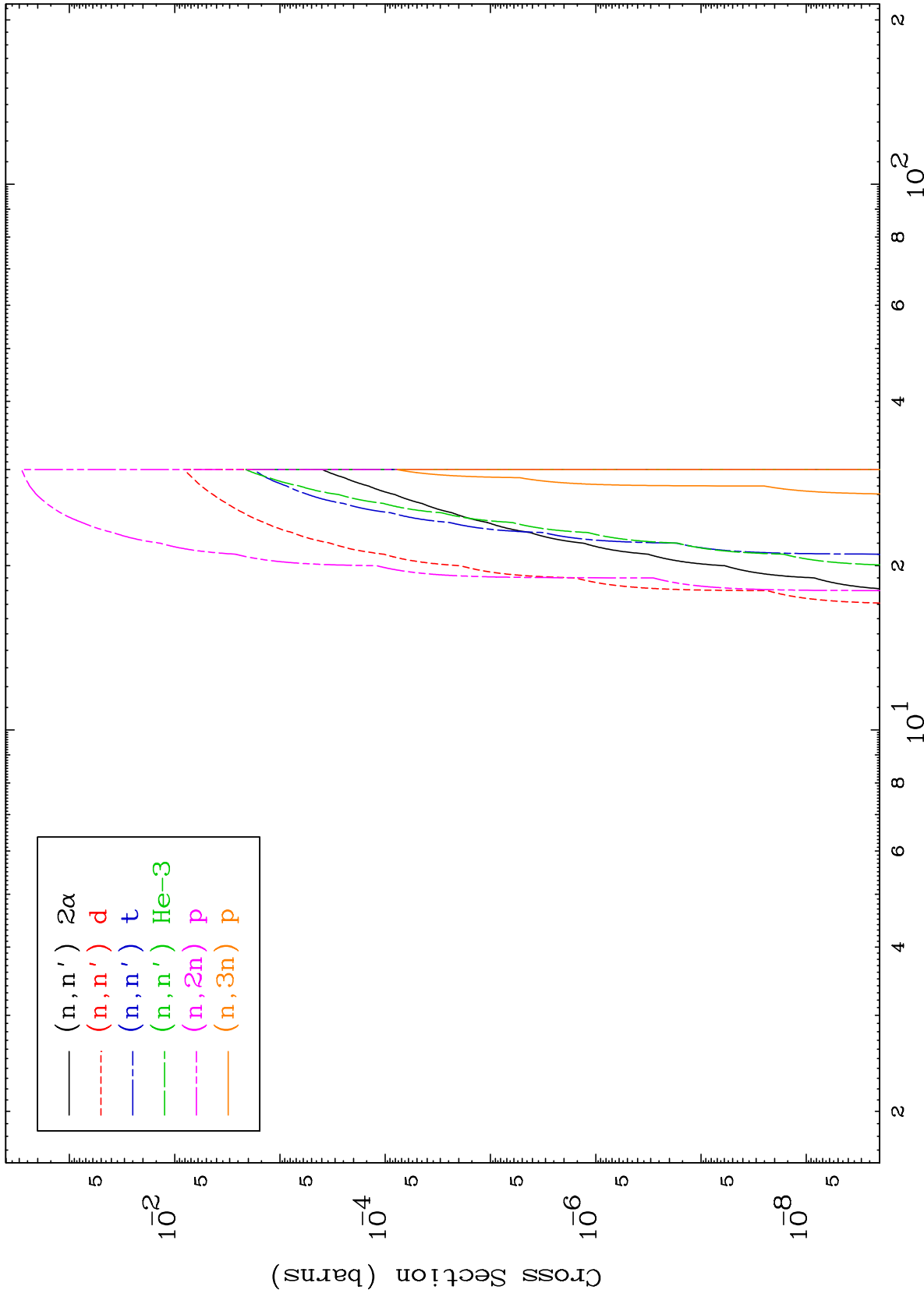
50-Sn-108



2

Incident Energy (MeV)

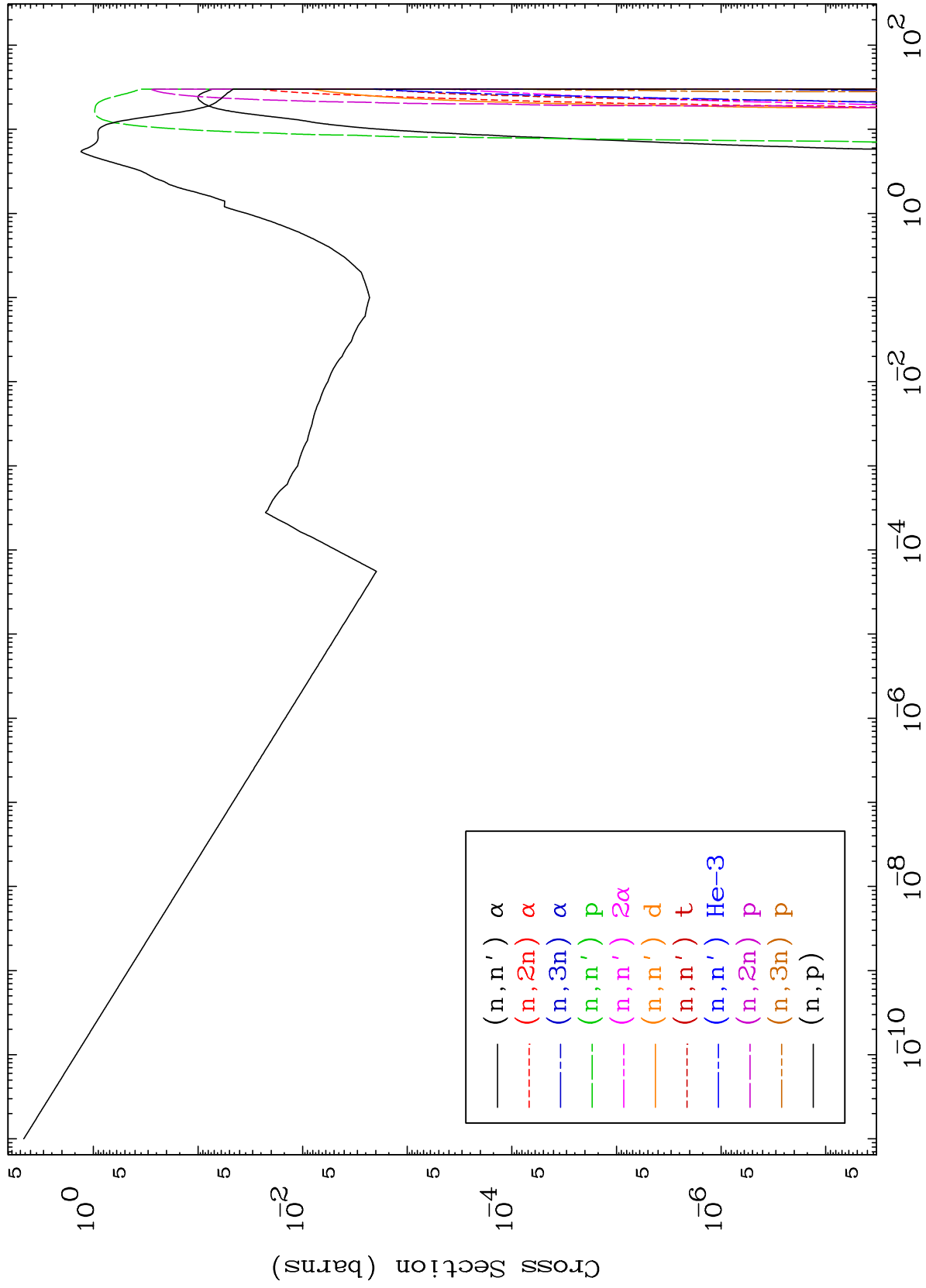
50-Sn-108



MAT 5013

Charged Particle  
293 Kelvin Cross Sections

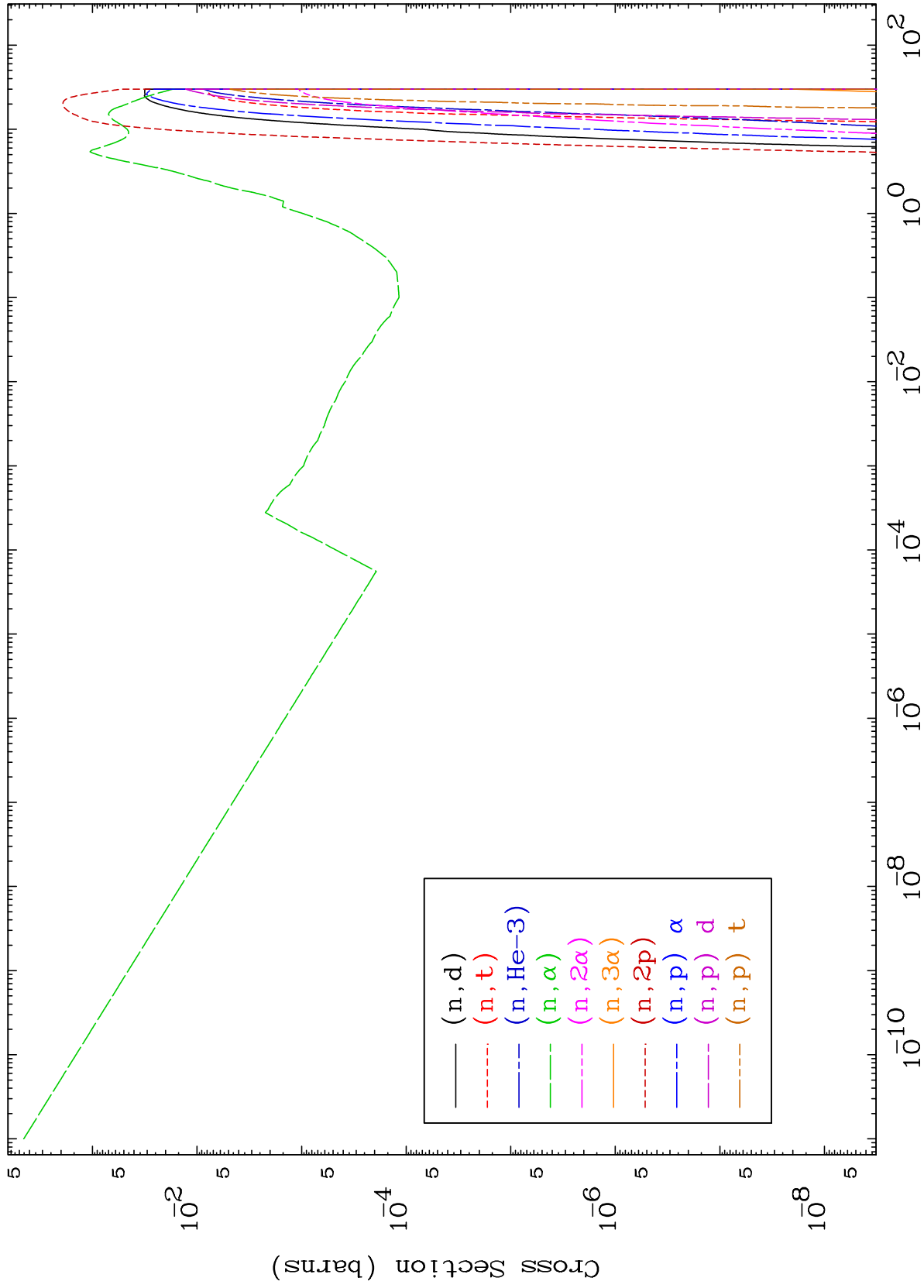
50-Sn-108



MAT 5013

Charged Particle  
293 Kelvin Cross Sections

50-Sn-108



5

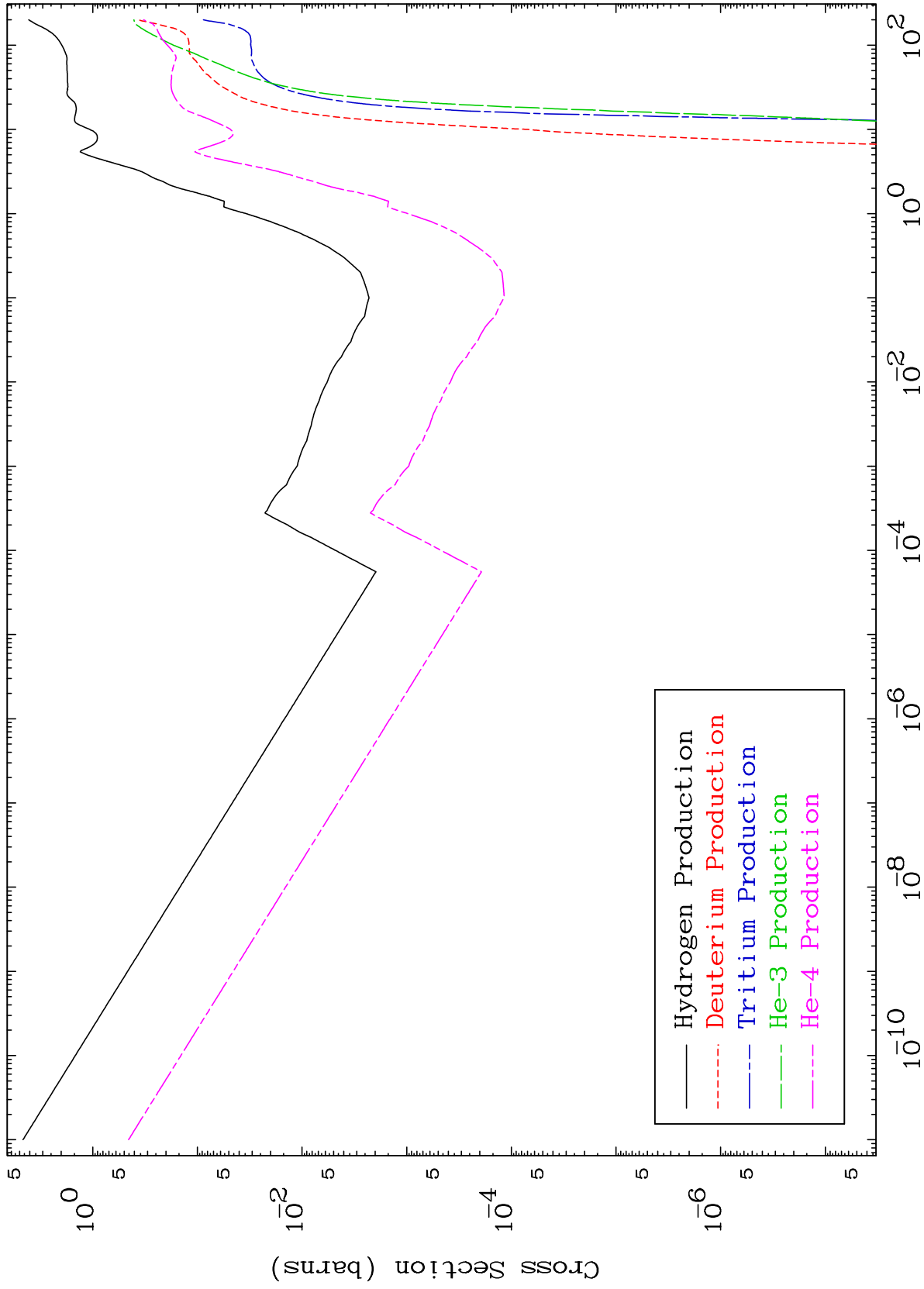
Incident Energy (MeV)

50-Sn-108

MAT 5013

Particle Production  
293 Kelvin Cross Sections

50-Sn-108

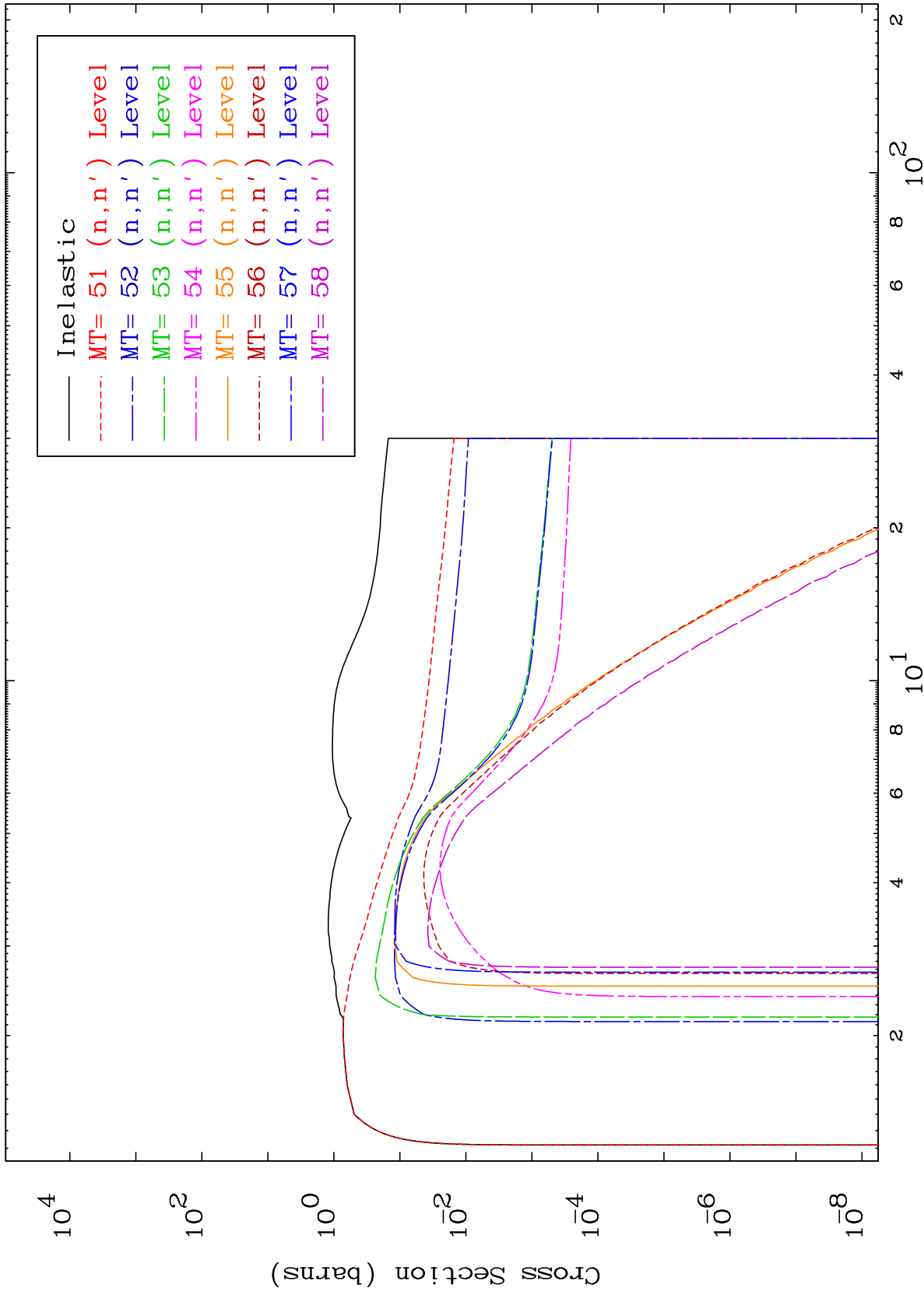


MAT 5013

(n,n') Level

50-Sn-108

293 Kelvin Cross Sections



7

Incident Energy (MeV)

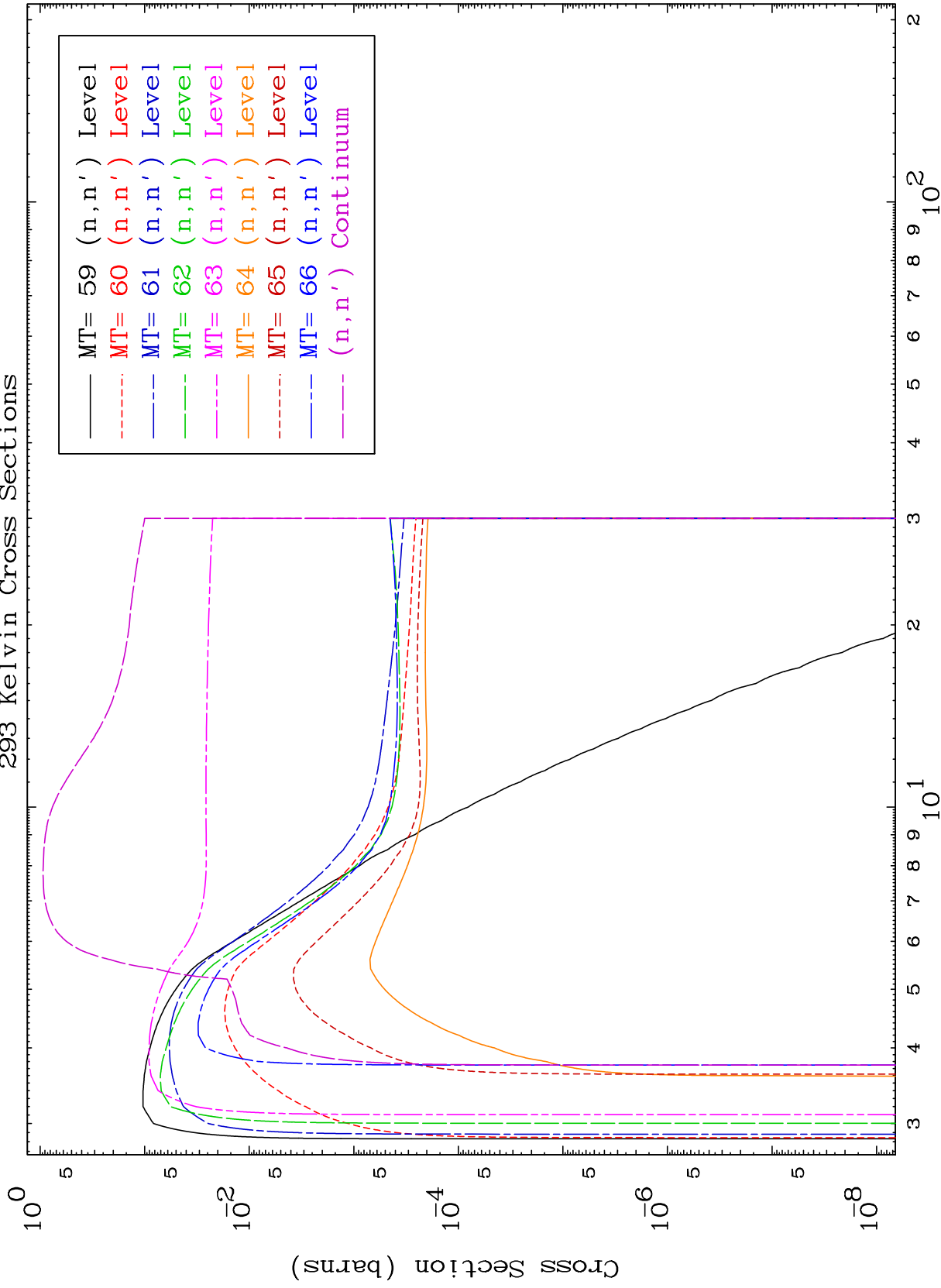
50-Sn-108



MAT 5013

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-108



8

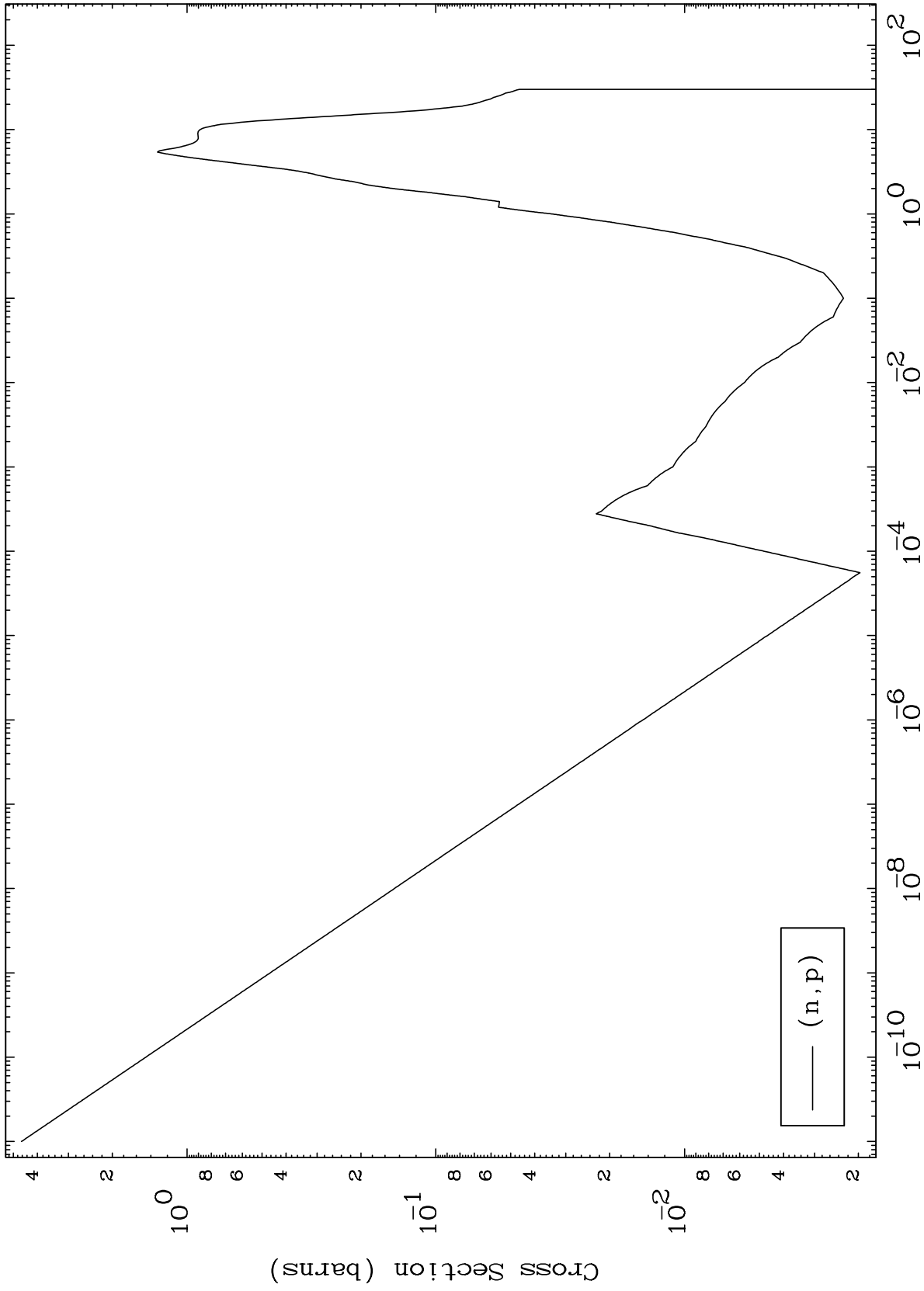
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,p) Levels  
293 Kelvin Cross Sections

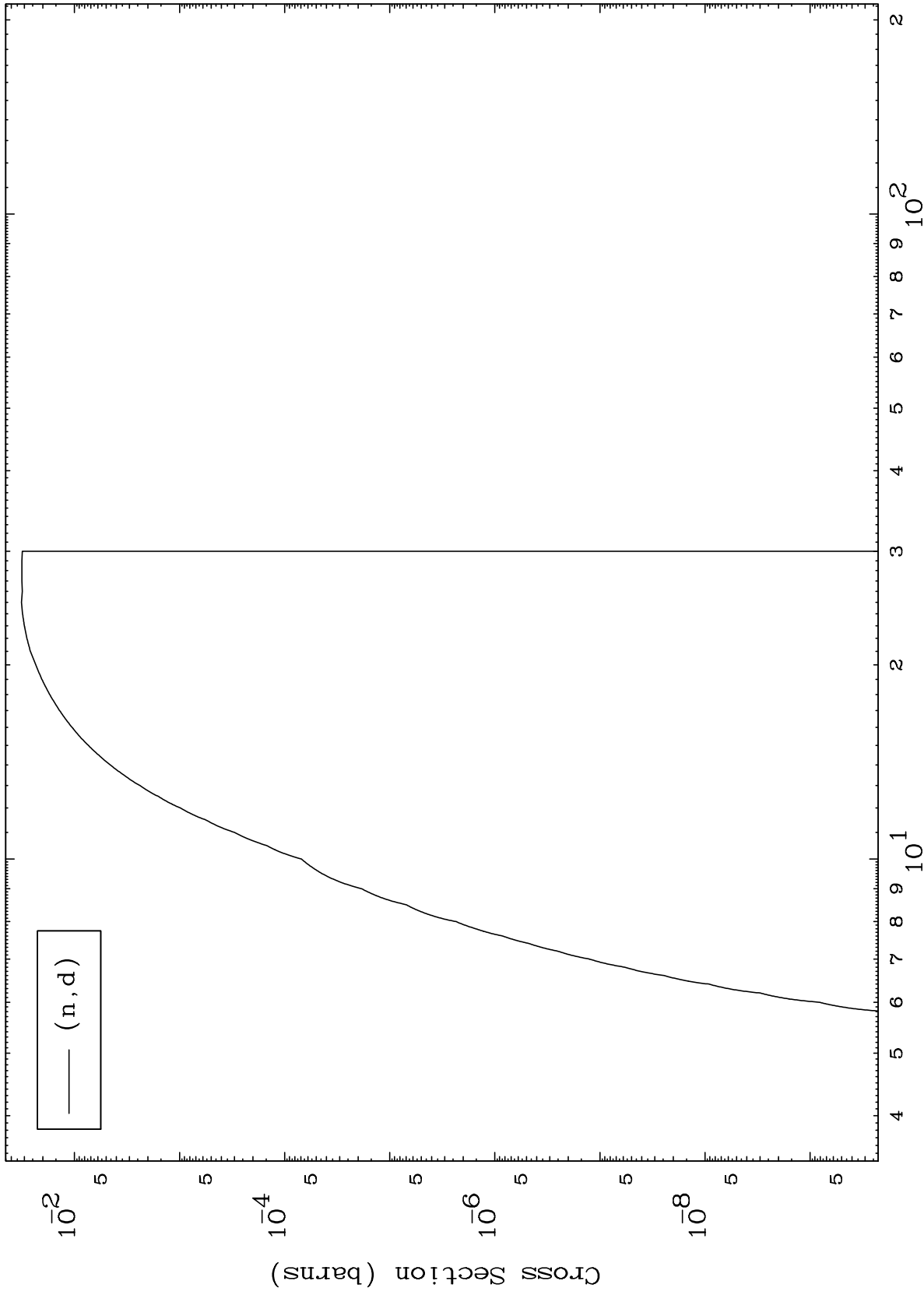
50-Sn-108



MAT 5013

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-108



10

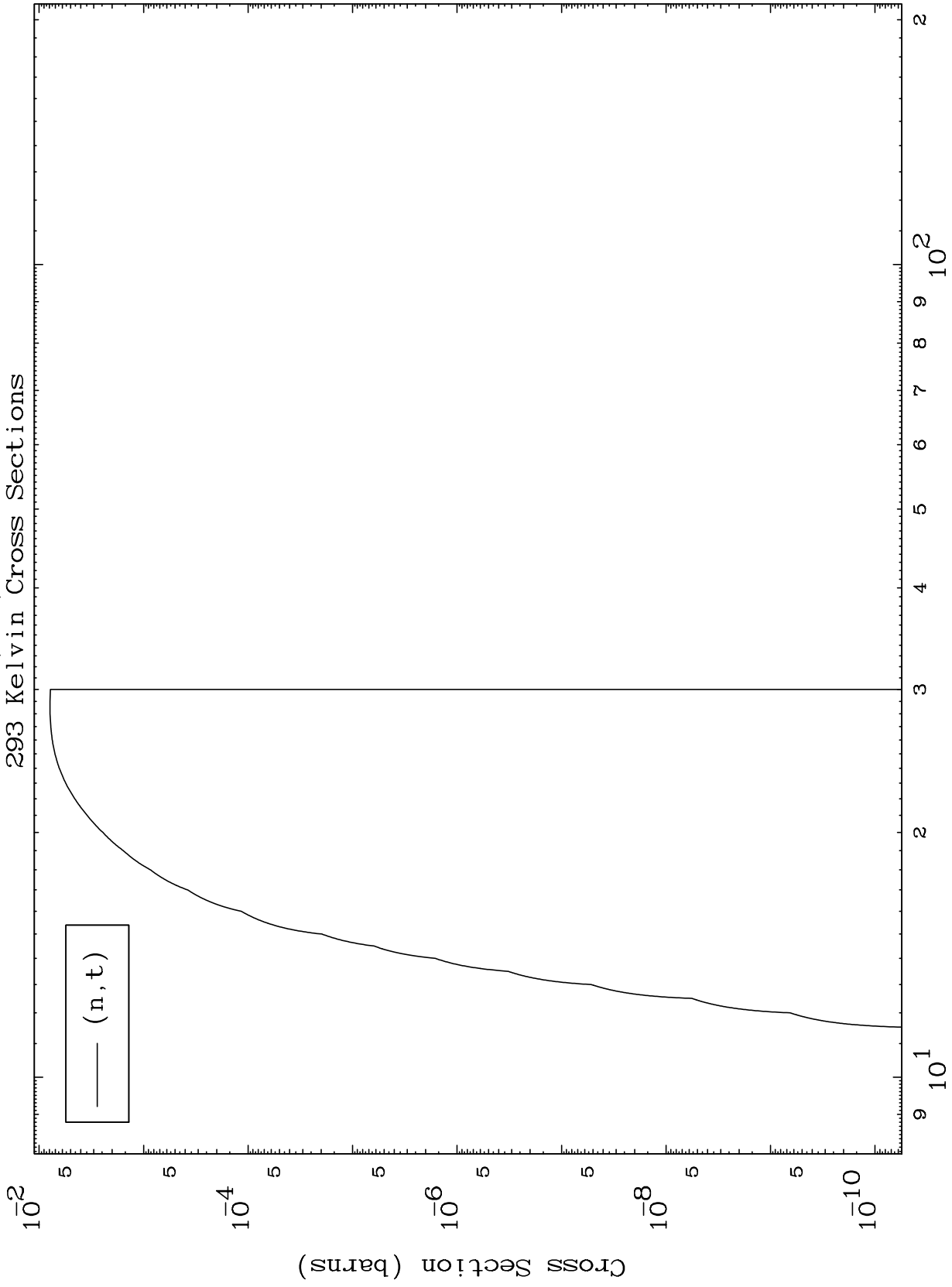
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-108



11

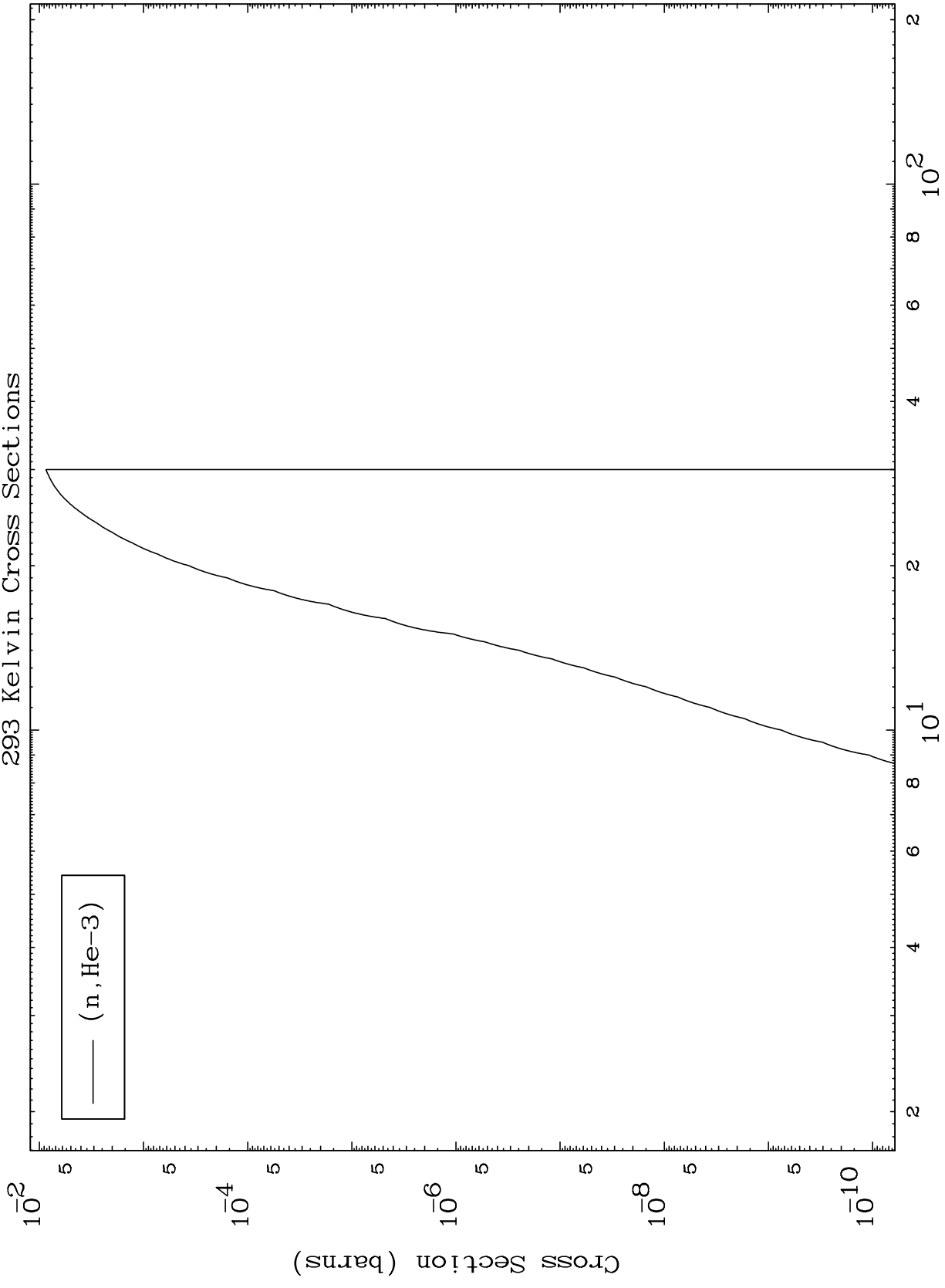
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-108



12

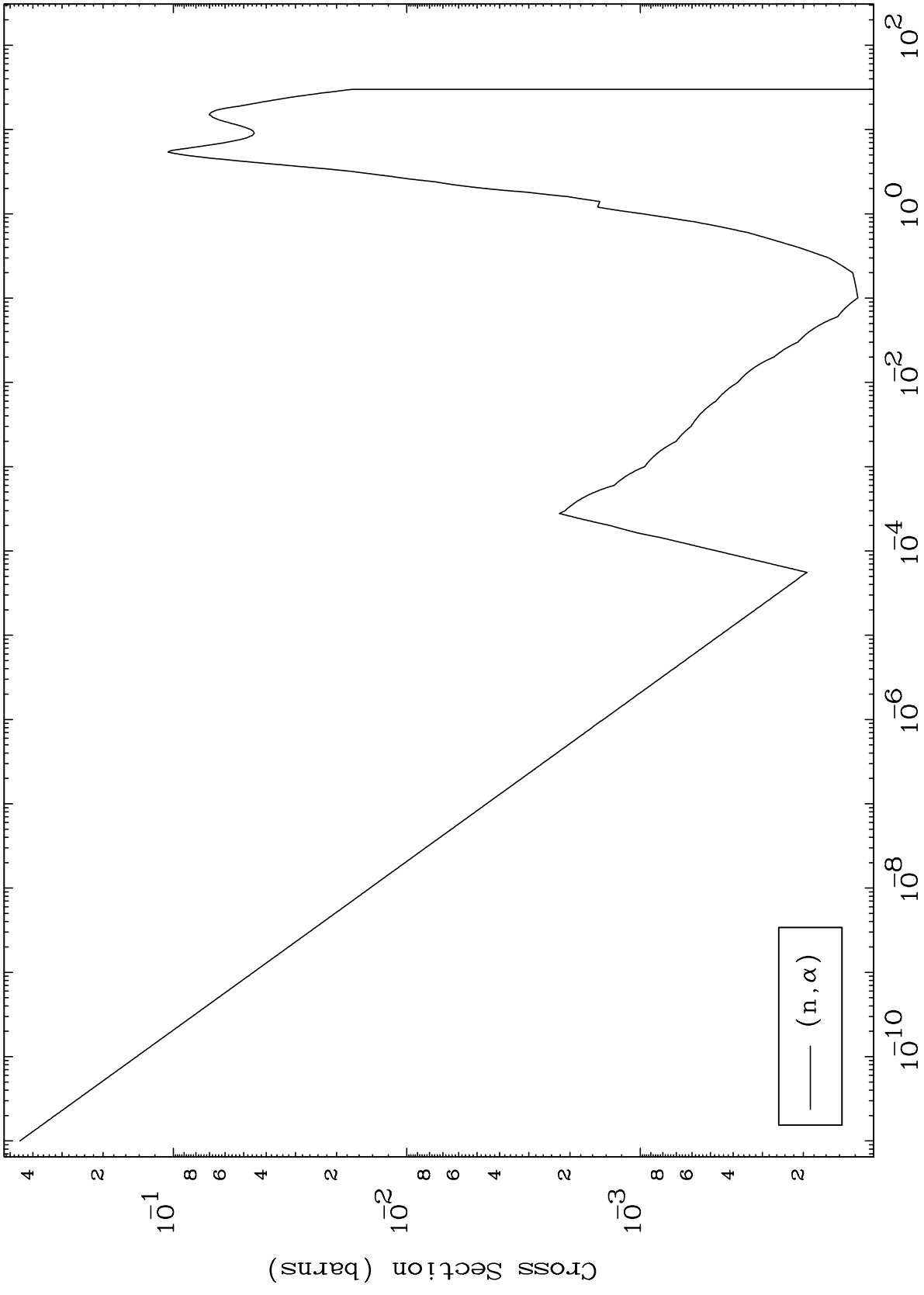
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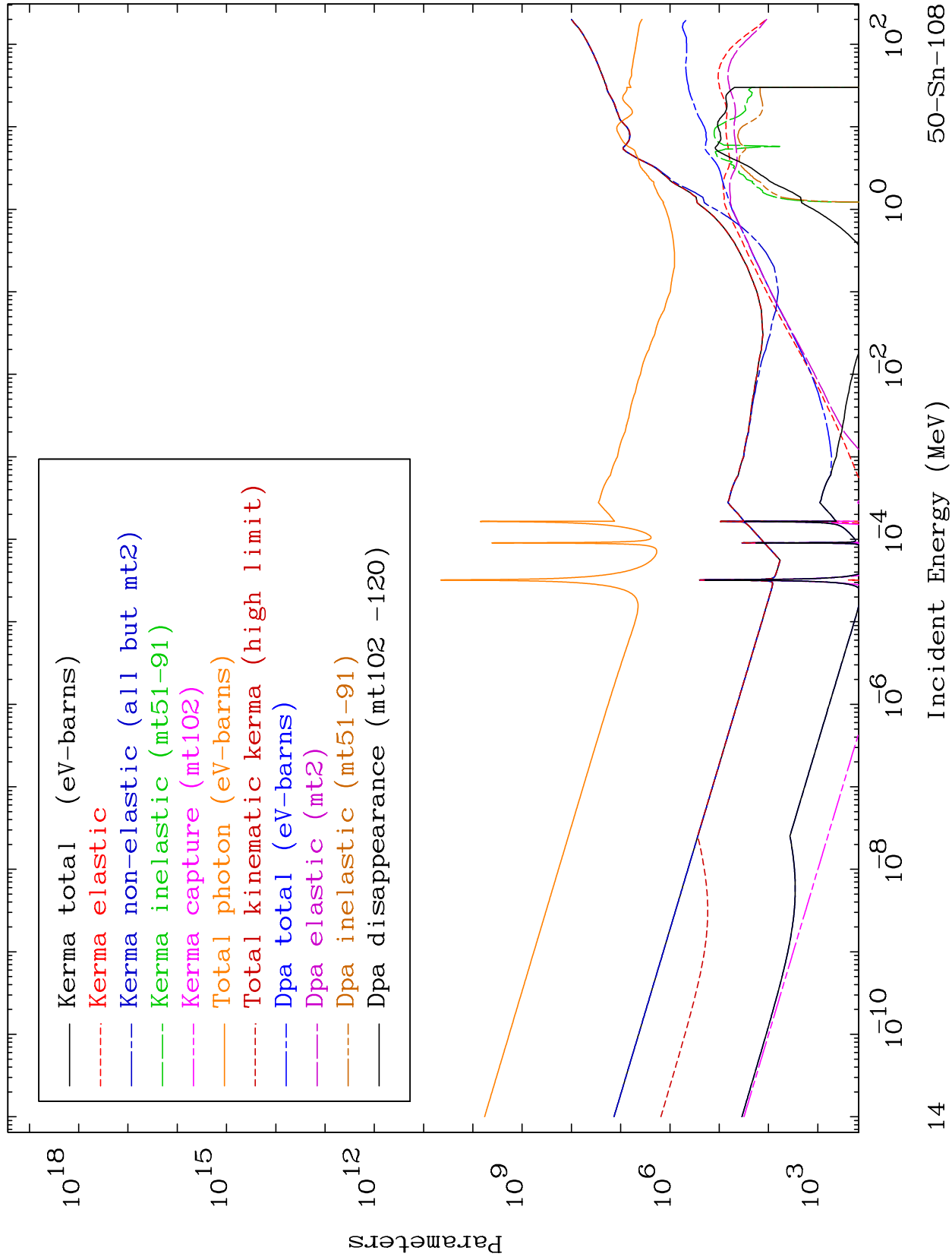
50-Sn-108

MAT 5013

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-108

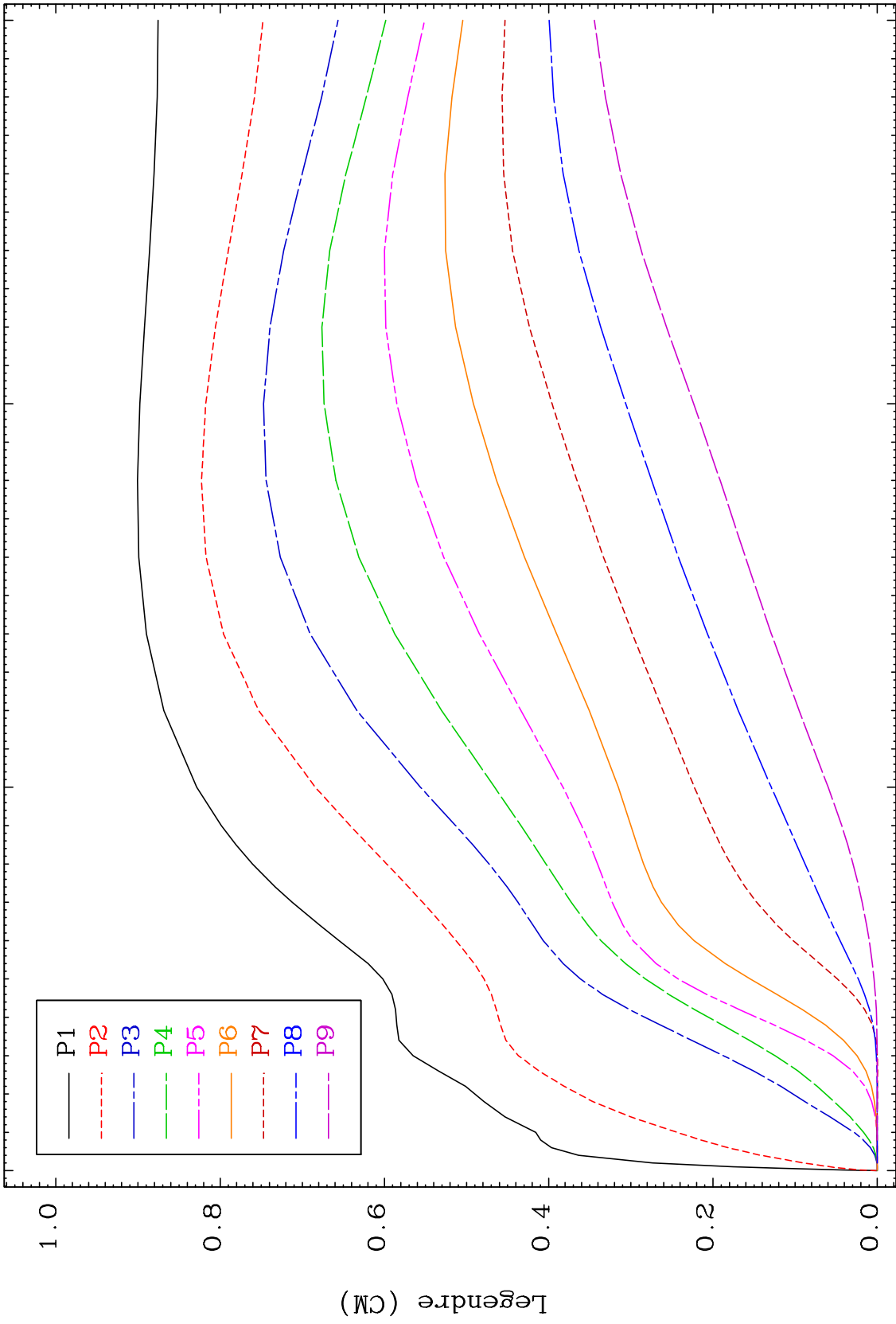




MAT 5013

Elastic Legendre Coefficients

50-Sn-108

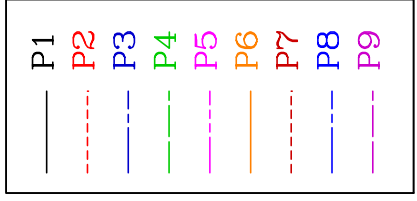


15

10

20

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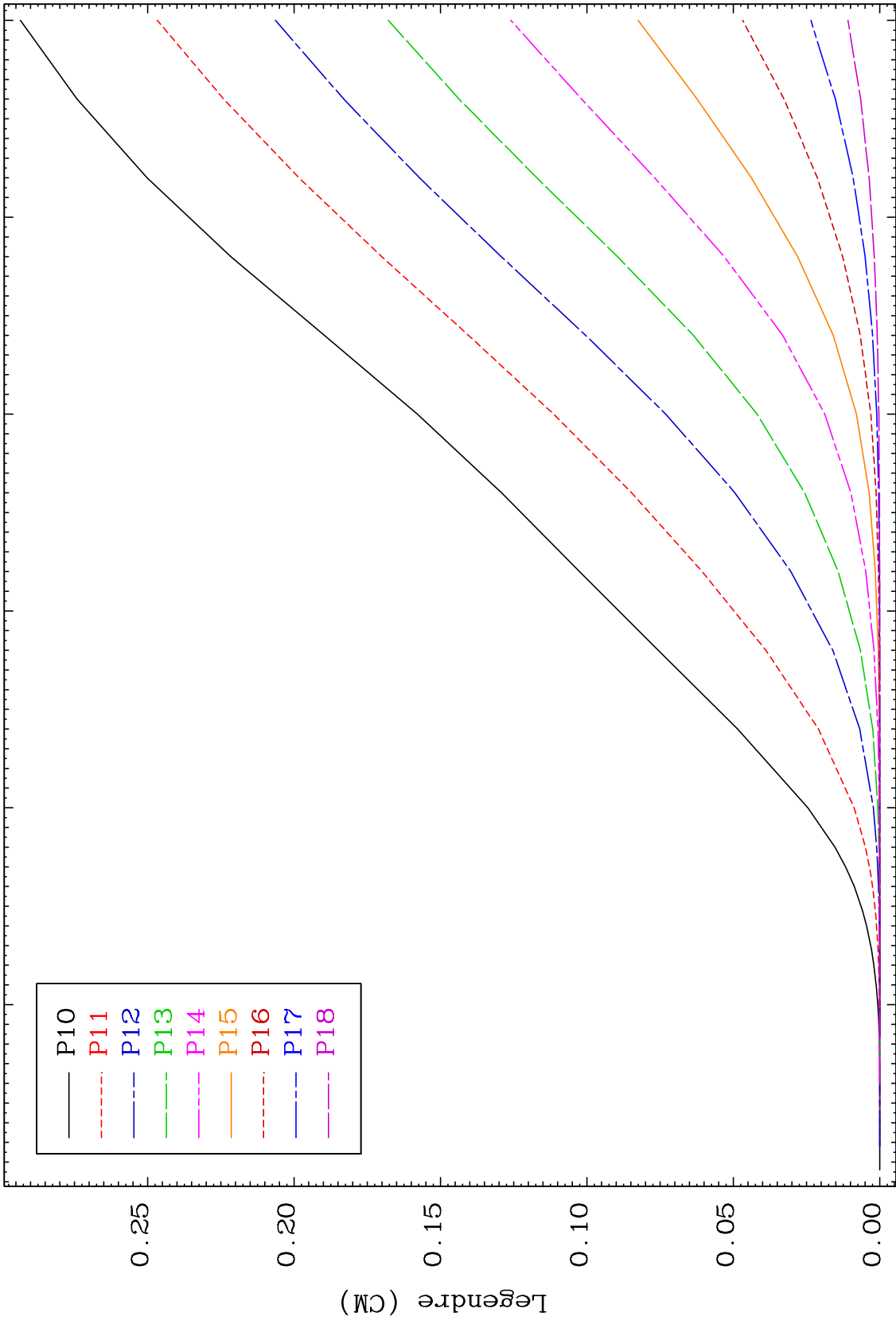




MAT 5013

Elastic Legendre Coefficients

50-Sn-108



16

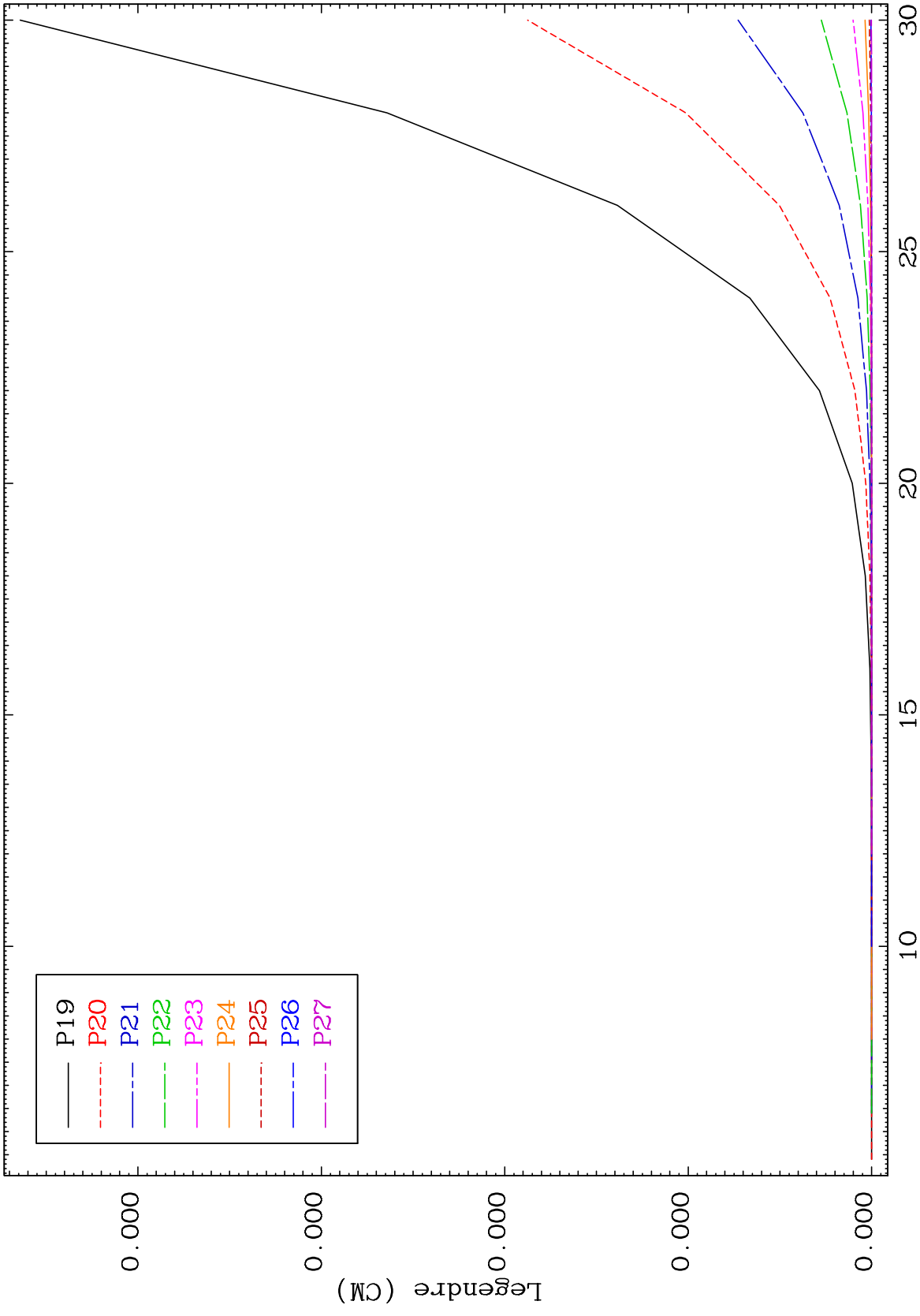
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

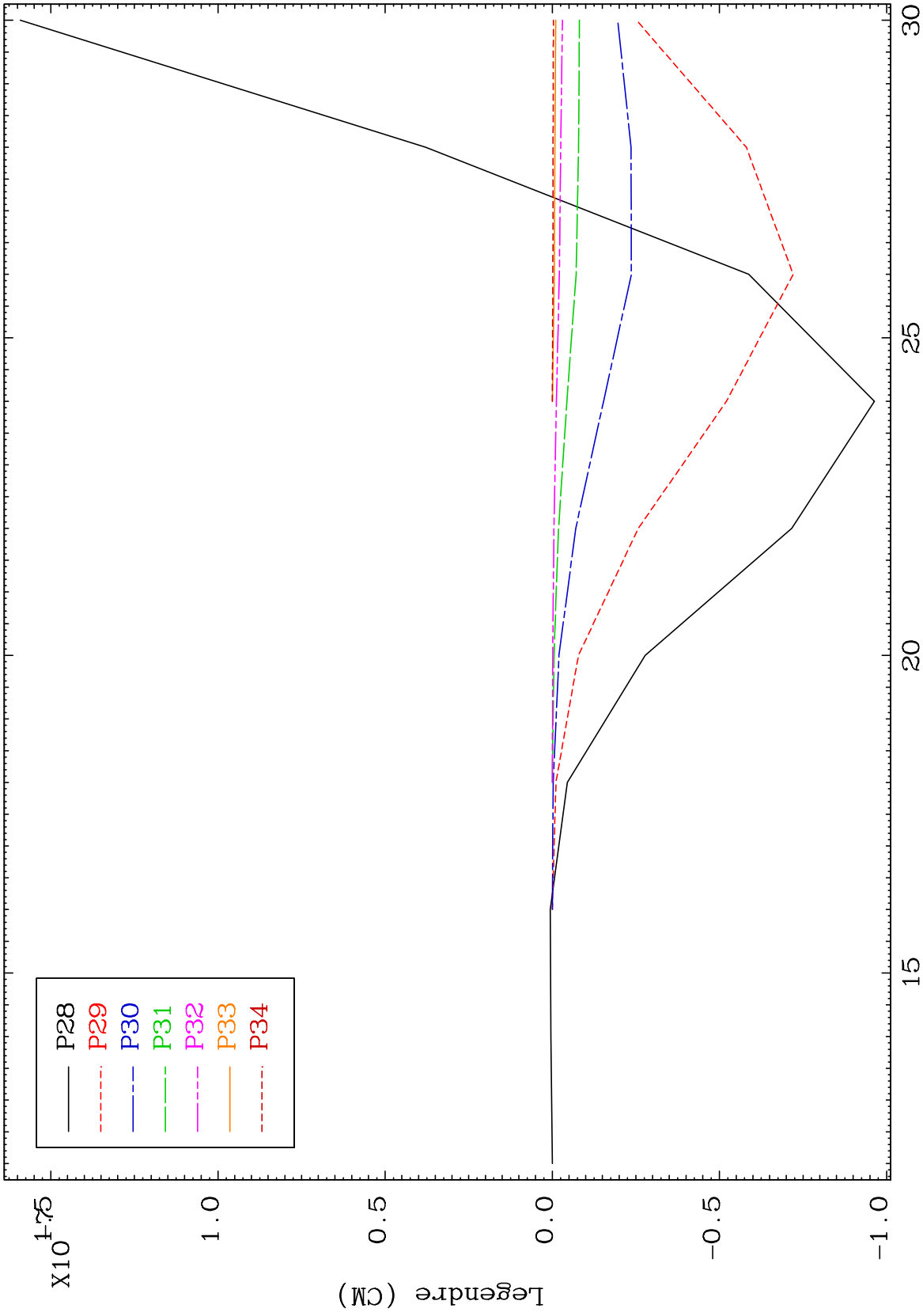
50-Sn-108



MAT 5013

Elastic Legendre Coefficients

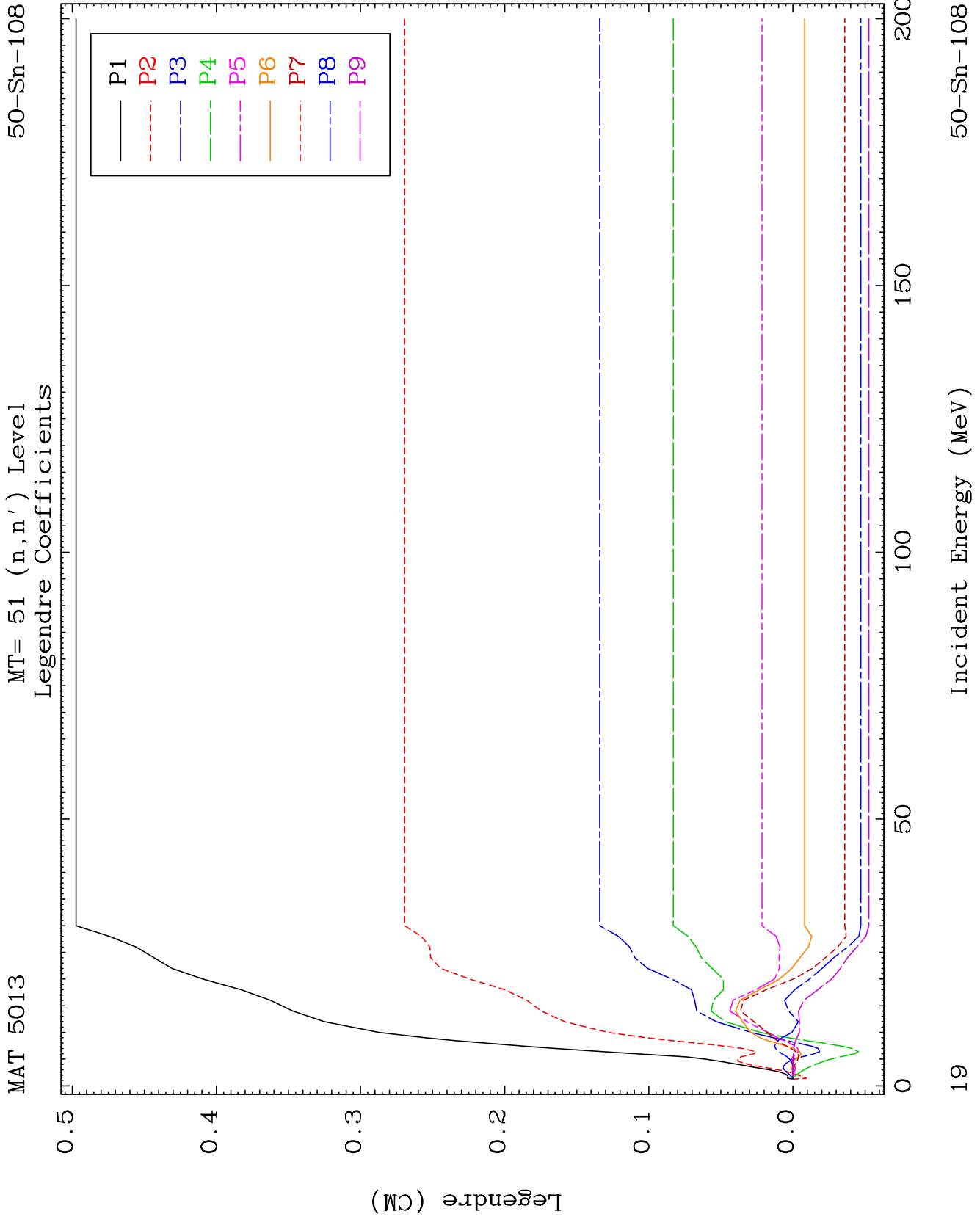
50-Sn-108

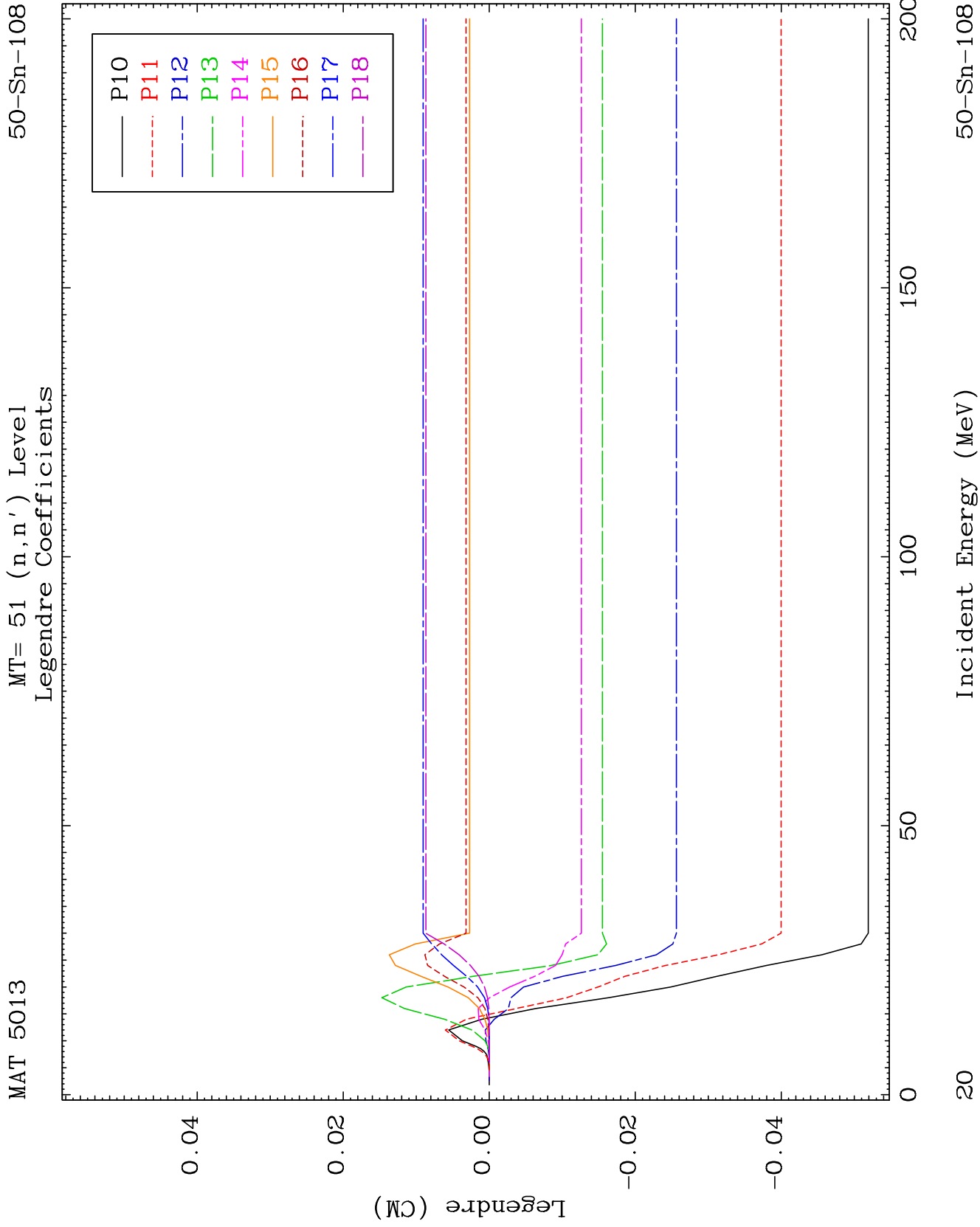


18

Incident Energy (MeV)

50-Sn-108

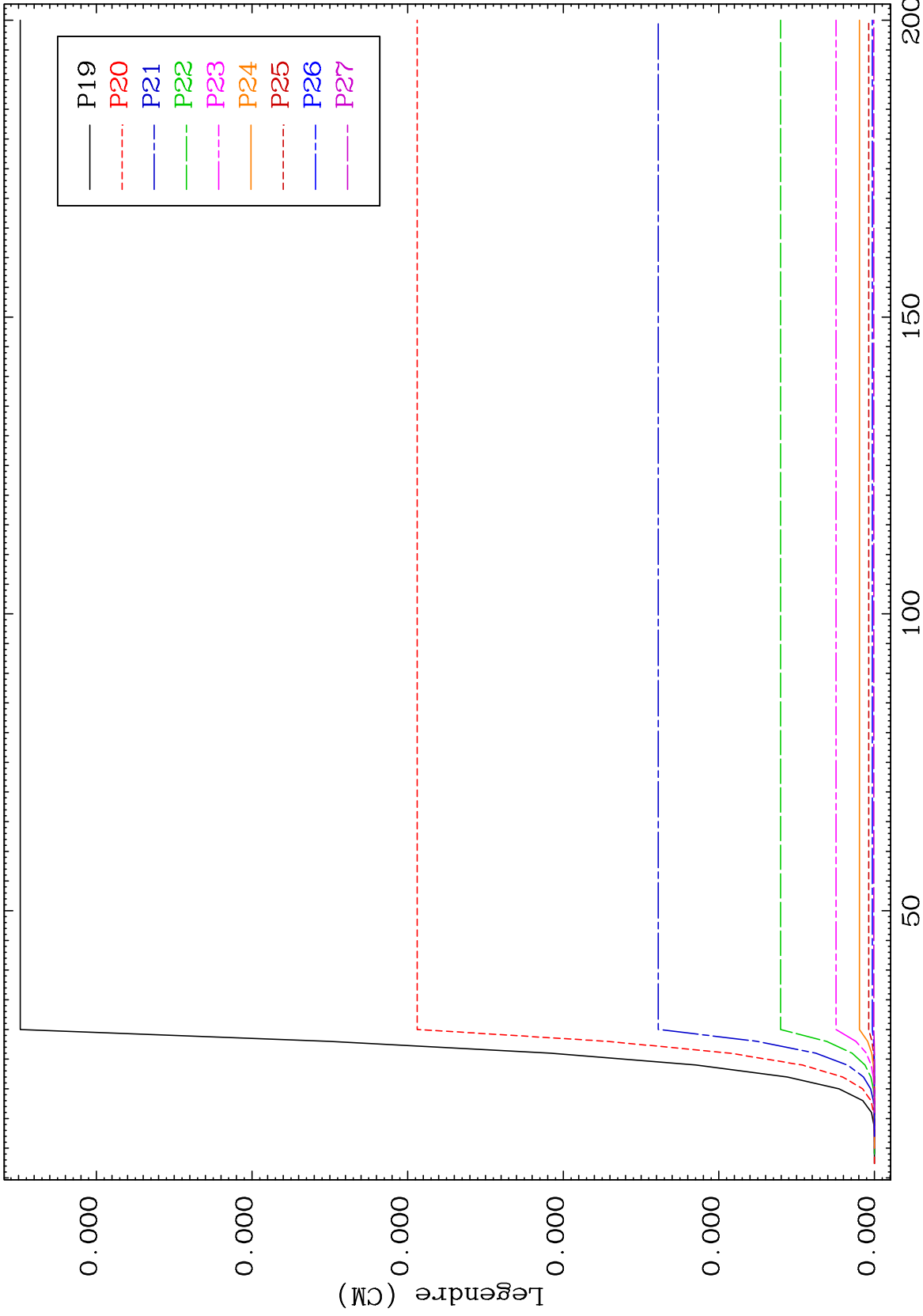




MAT 5013

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

50-Sn-108



21

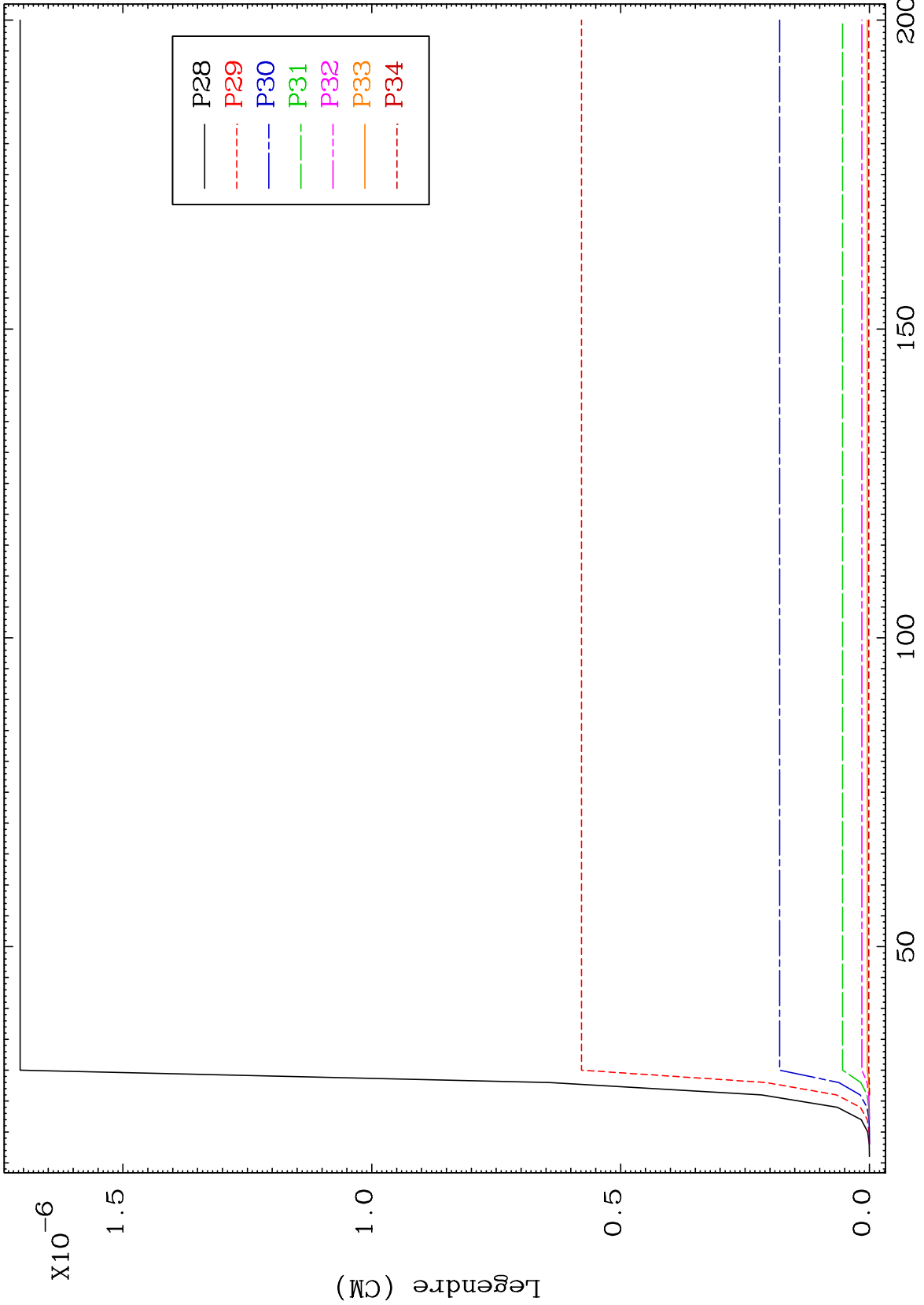
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108

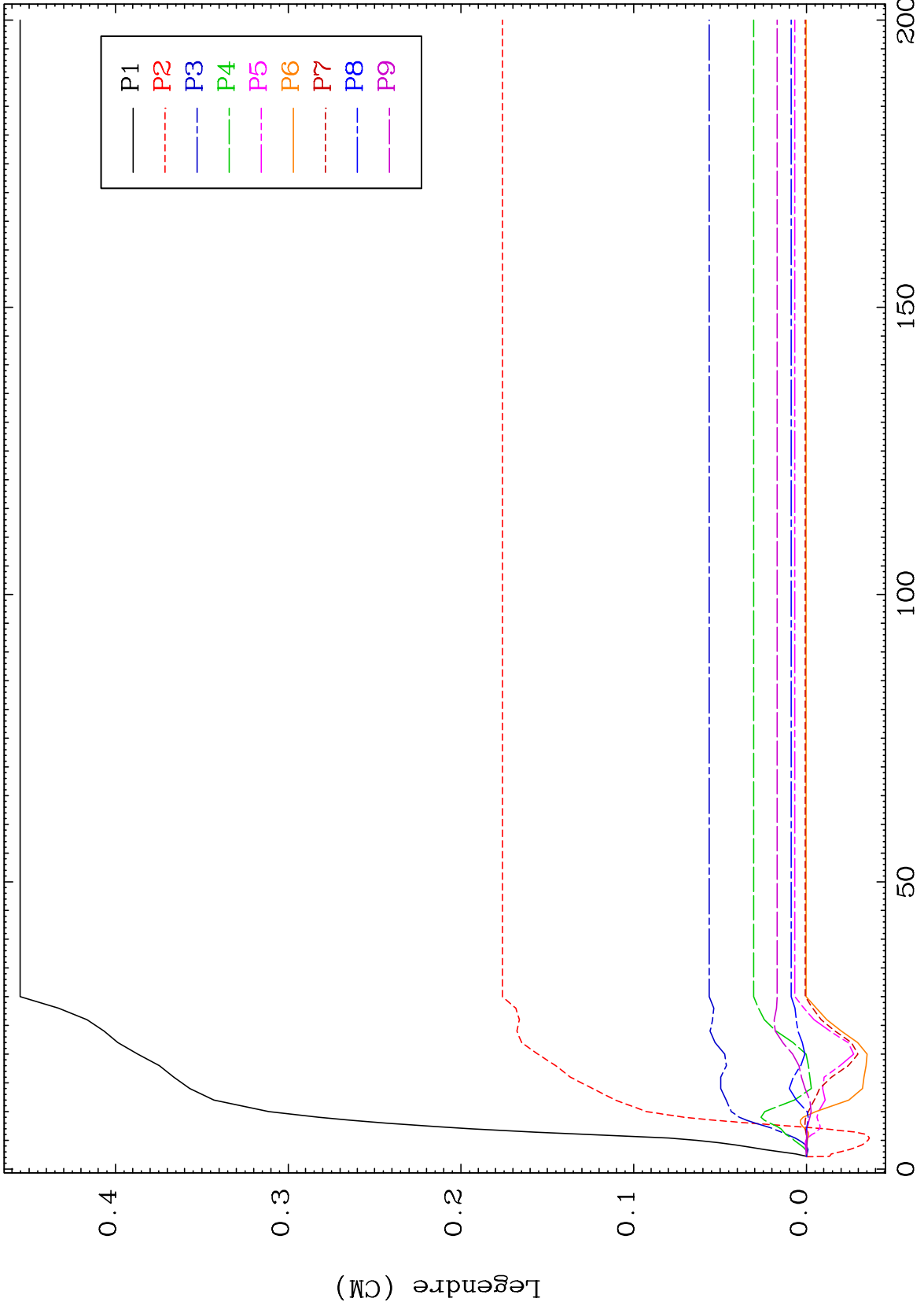


22

Incident Energy (MeV)

50-Sn-108

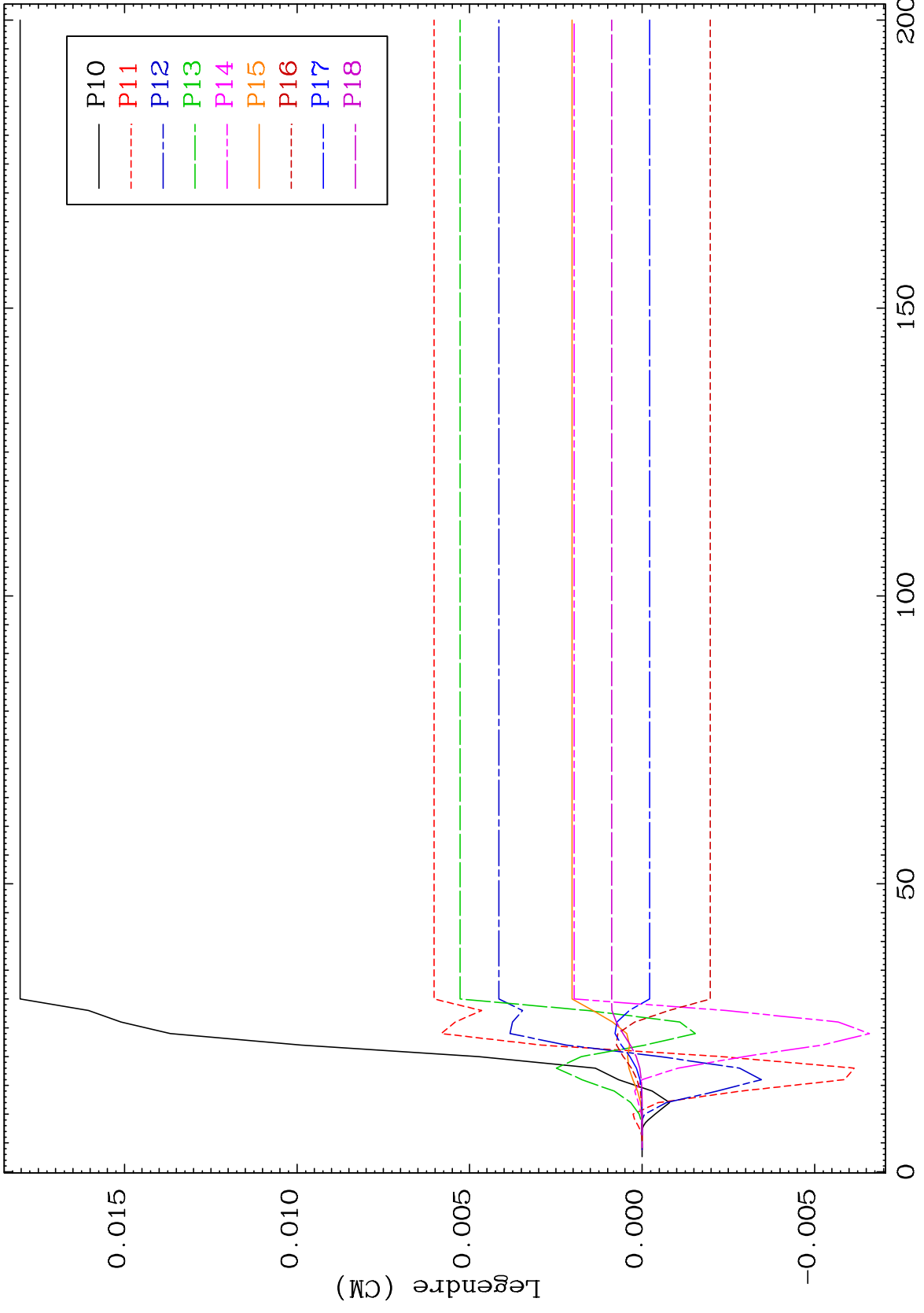
MAT 5013 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-108



23 Incident Energy (MeV) 50-Sn-108



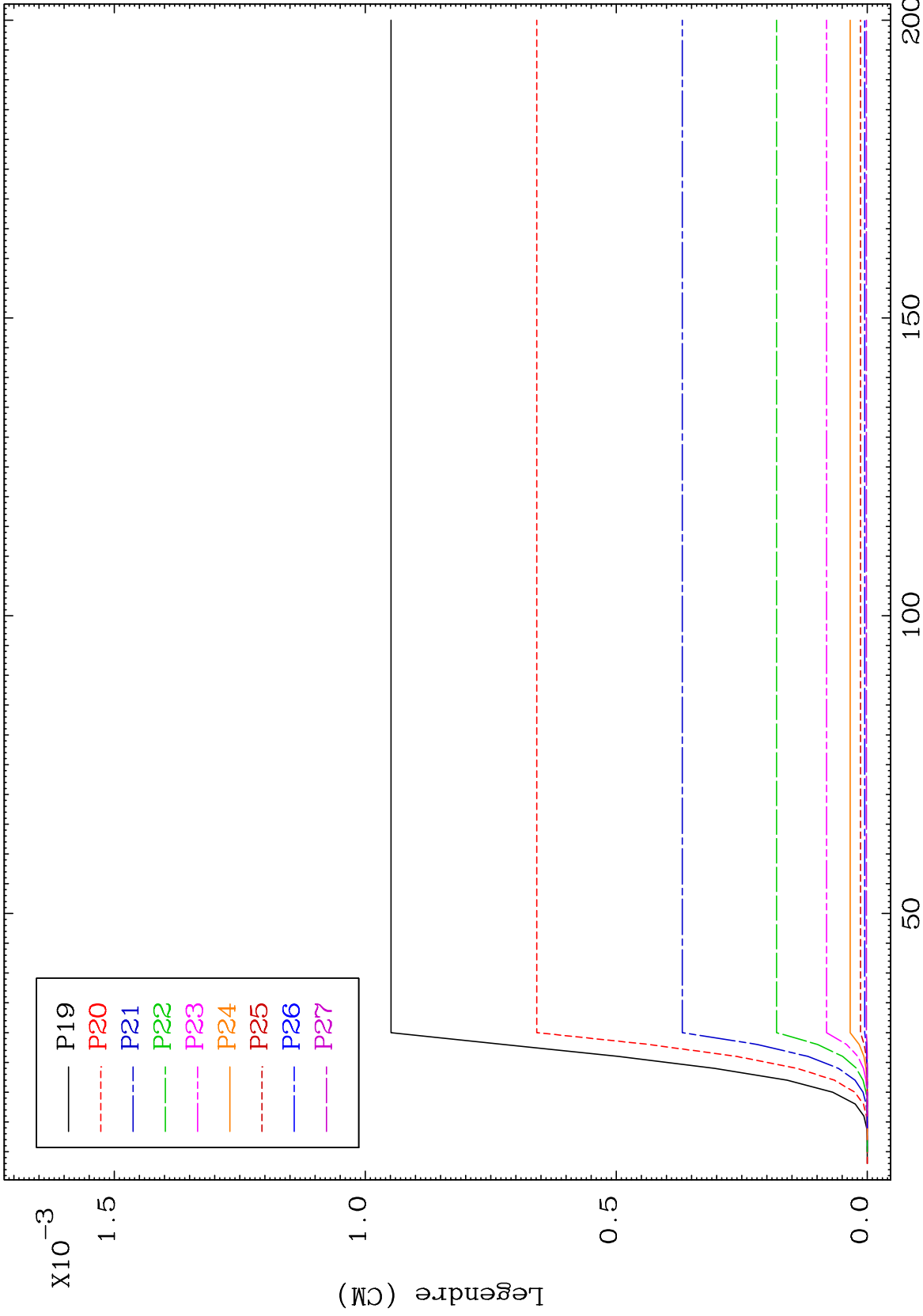
MAT 5013 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013

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

50-Sn-108



25

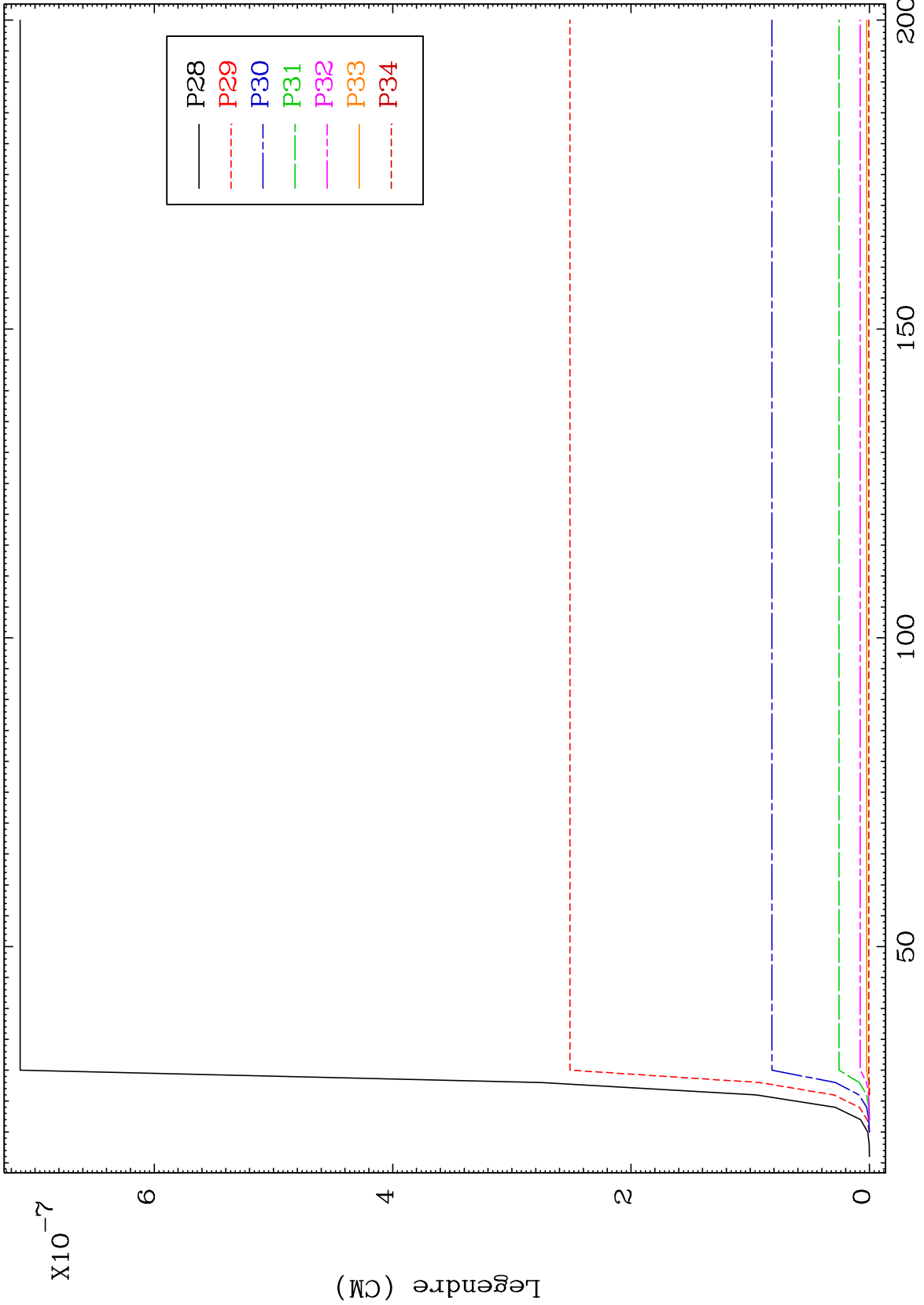
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108

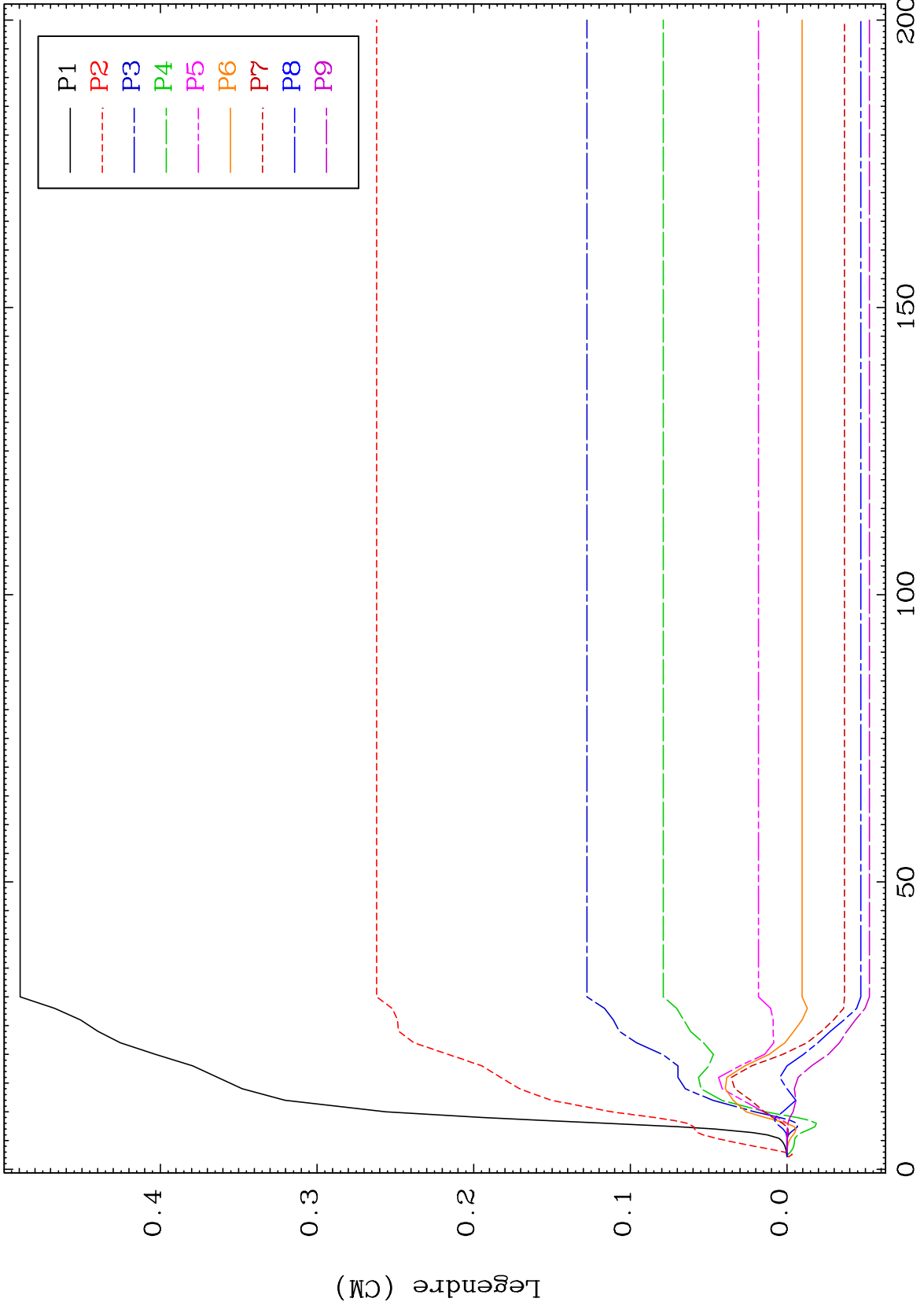


26

Incident Energy (MeV)

50-Sn-108

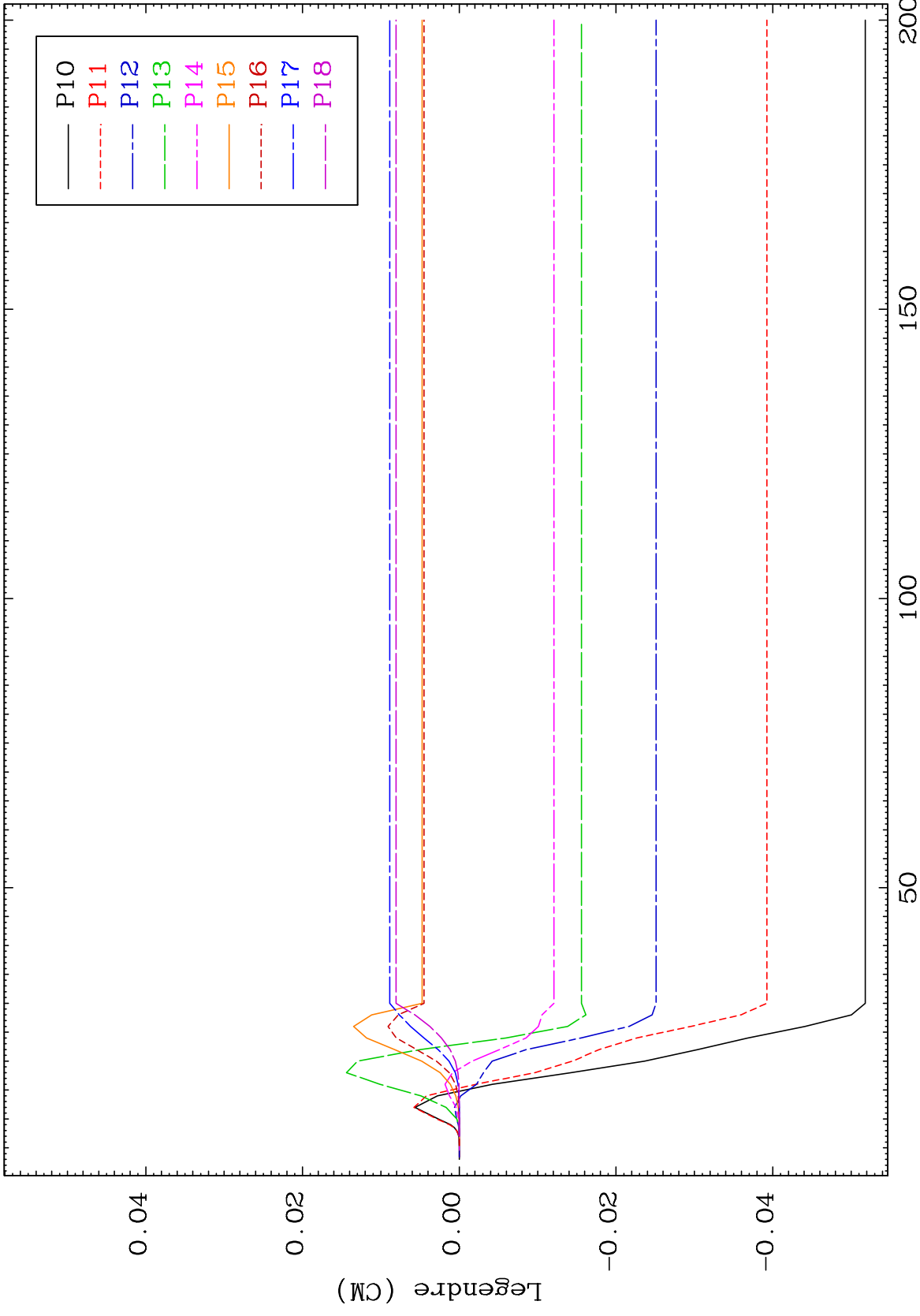
MAT 5013 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013

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

50-Sn-108

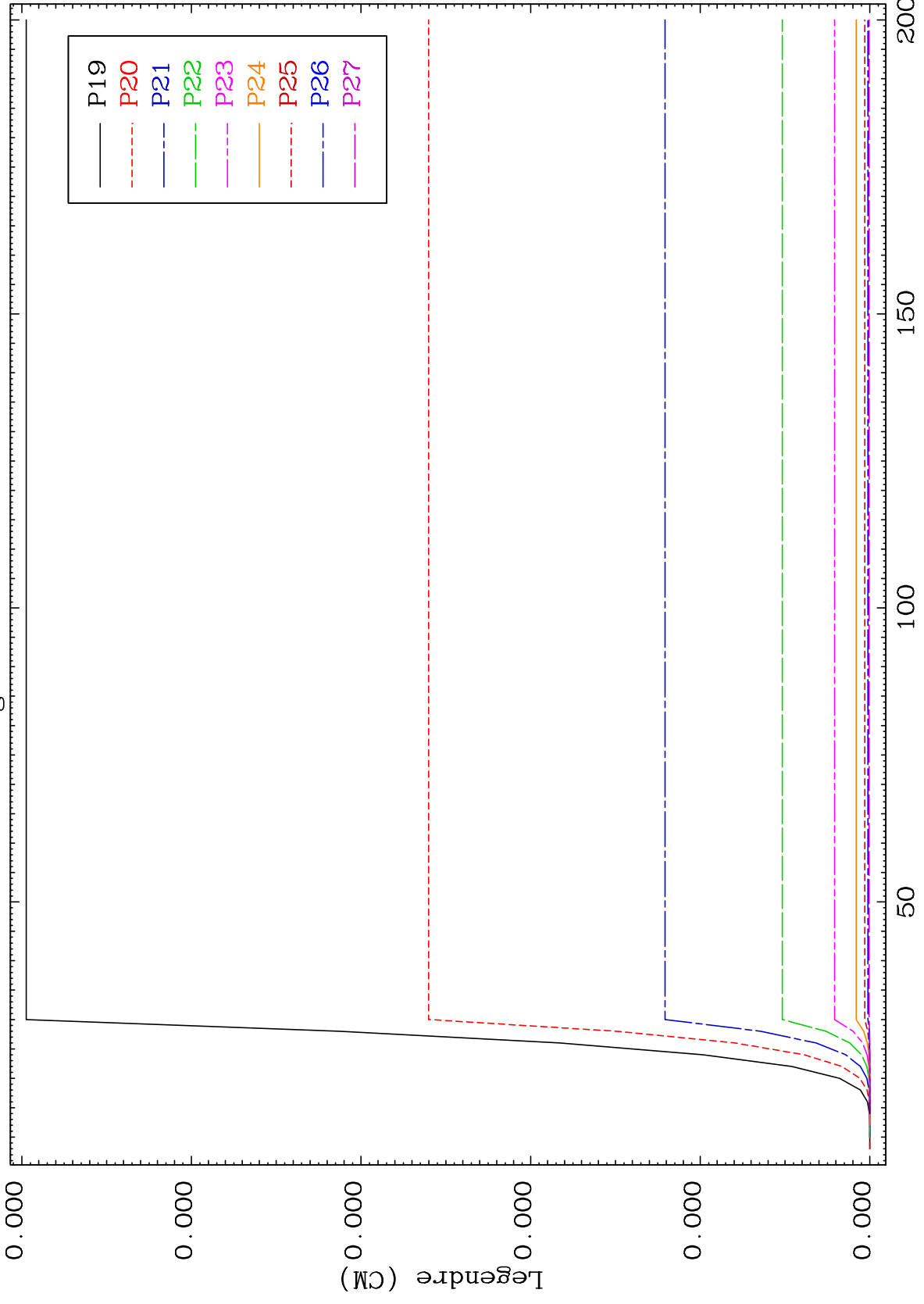


28

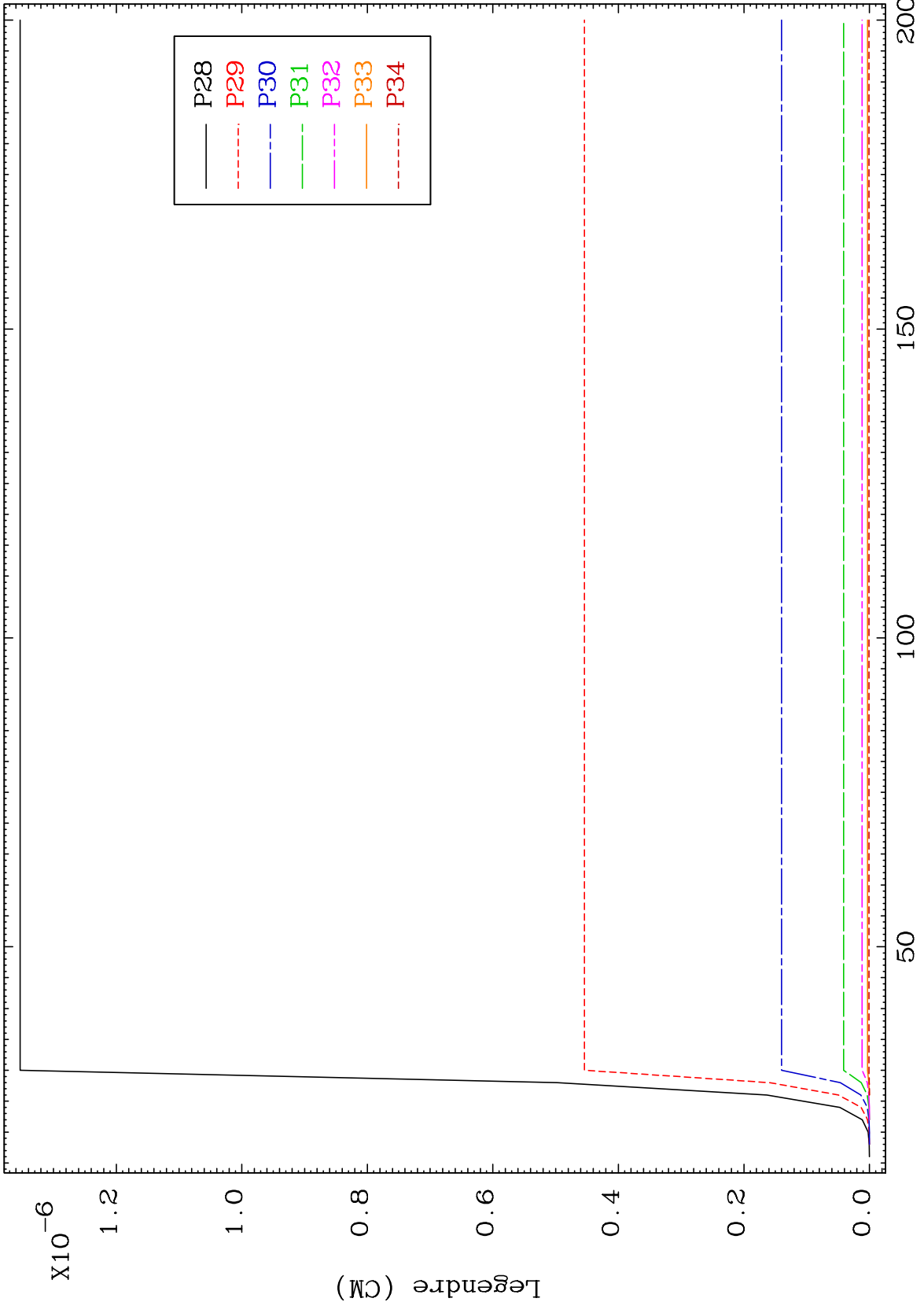
Incident Energy (MeV)

50-Sn-108

MAT 5013 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-108

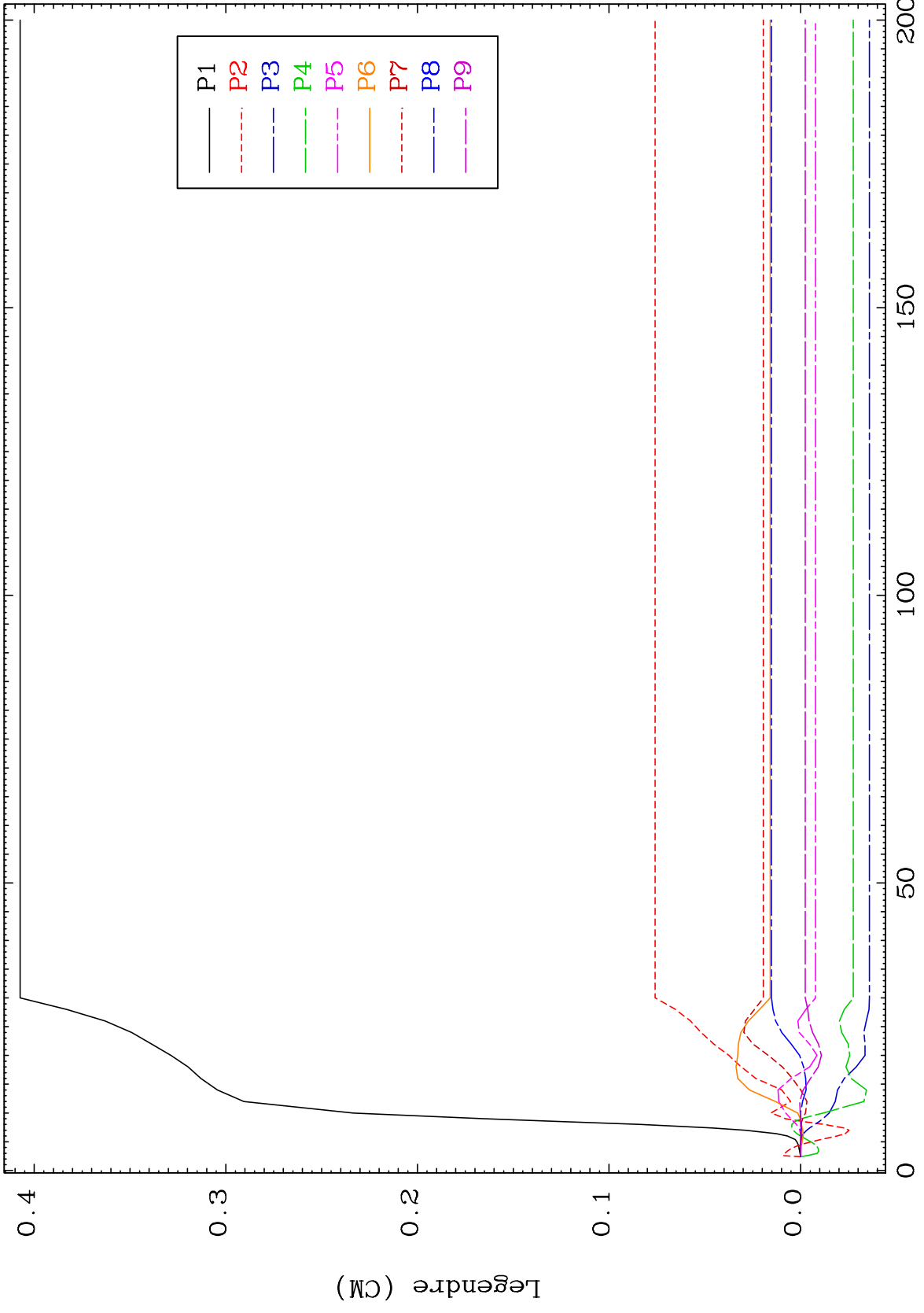


MAT 5013 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-108



30 50 100 150 200 Incident Energy (MeV) 50-Sn-108

MAT 5013 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-108

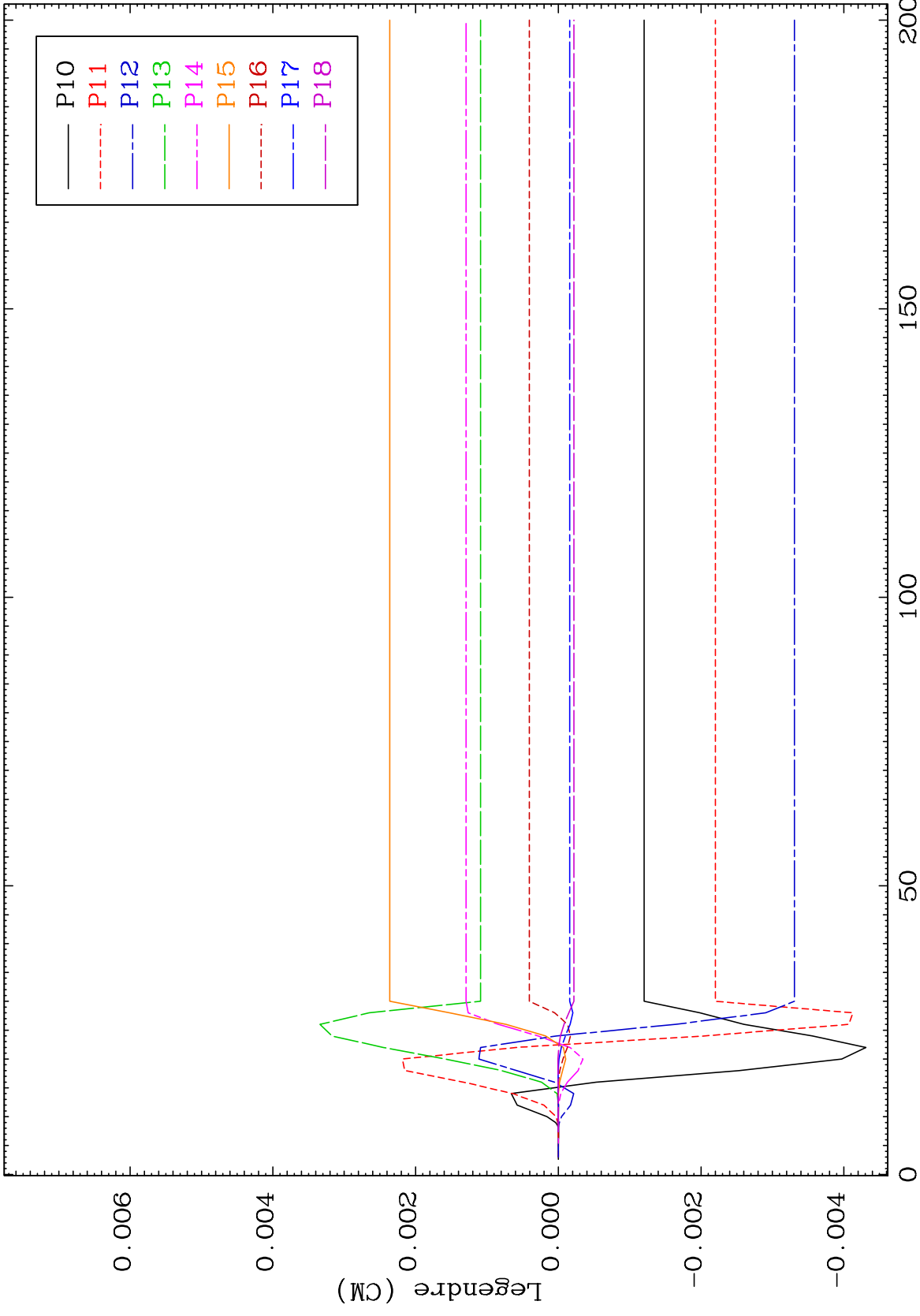




MAT 5013

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

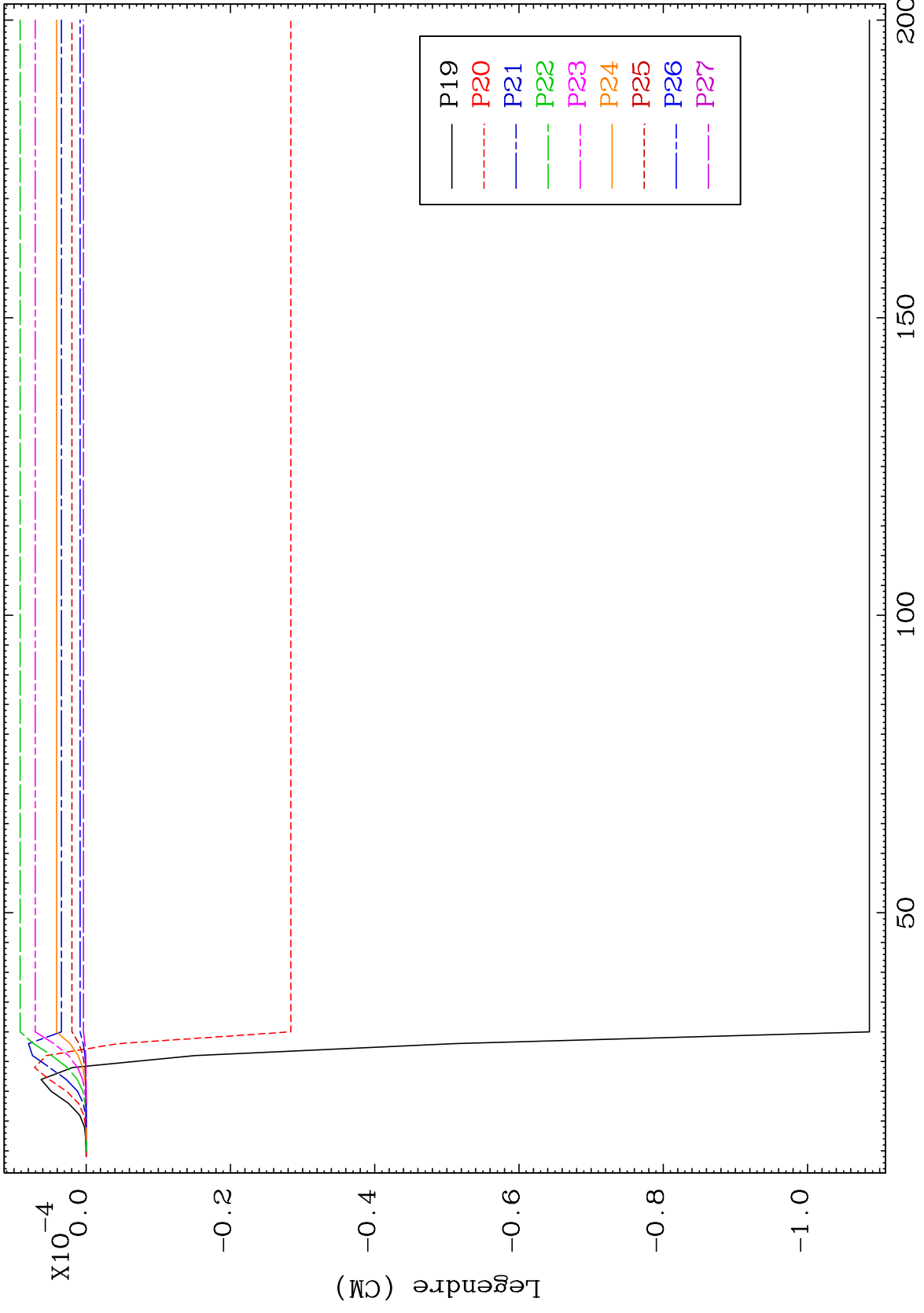
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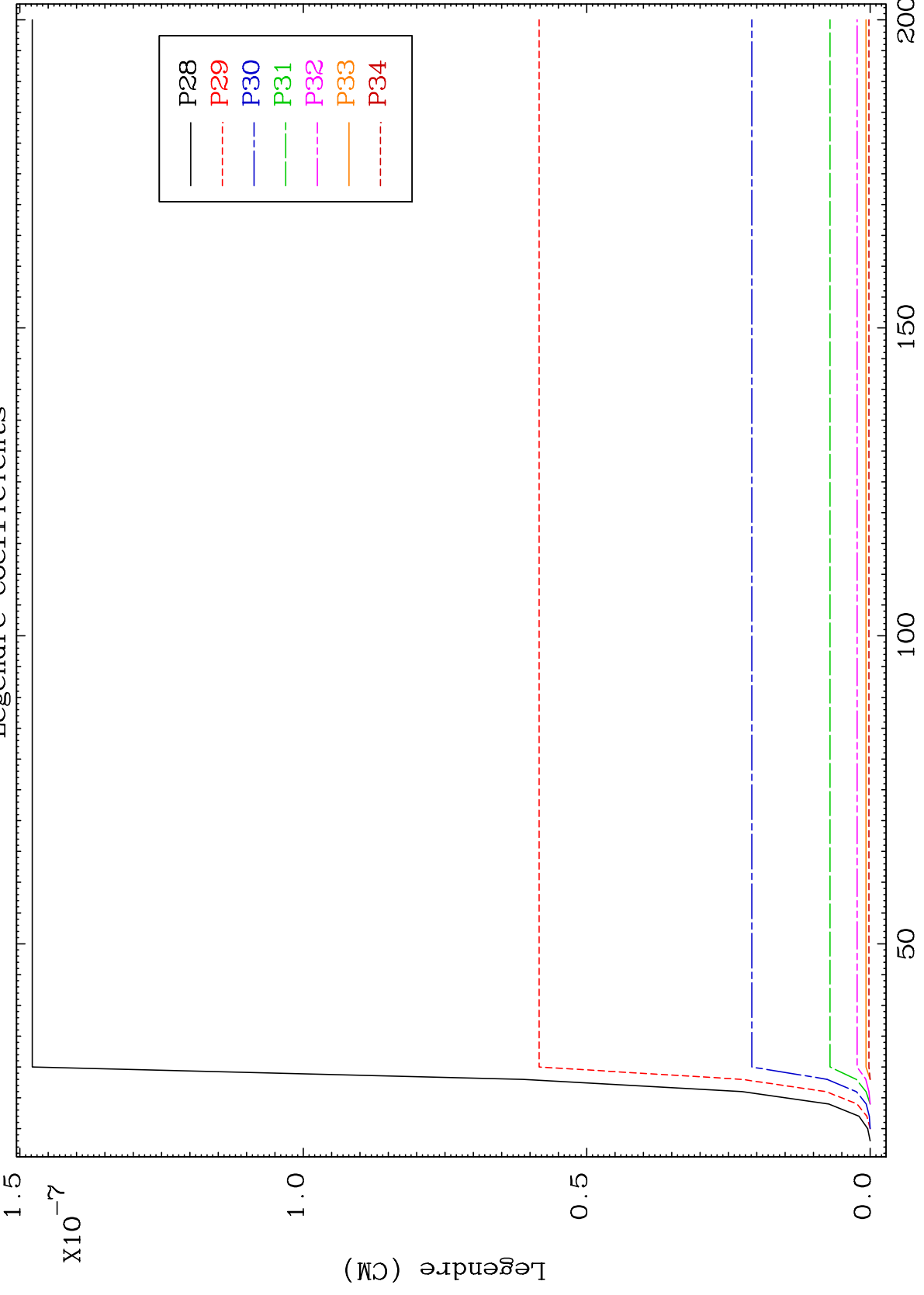
32

50-Sn-108

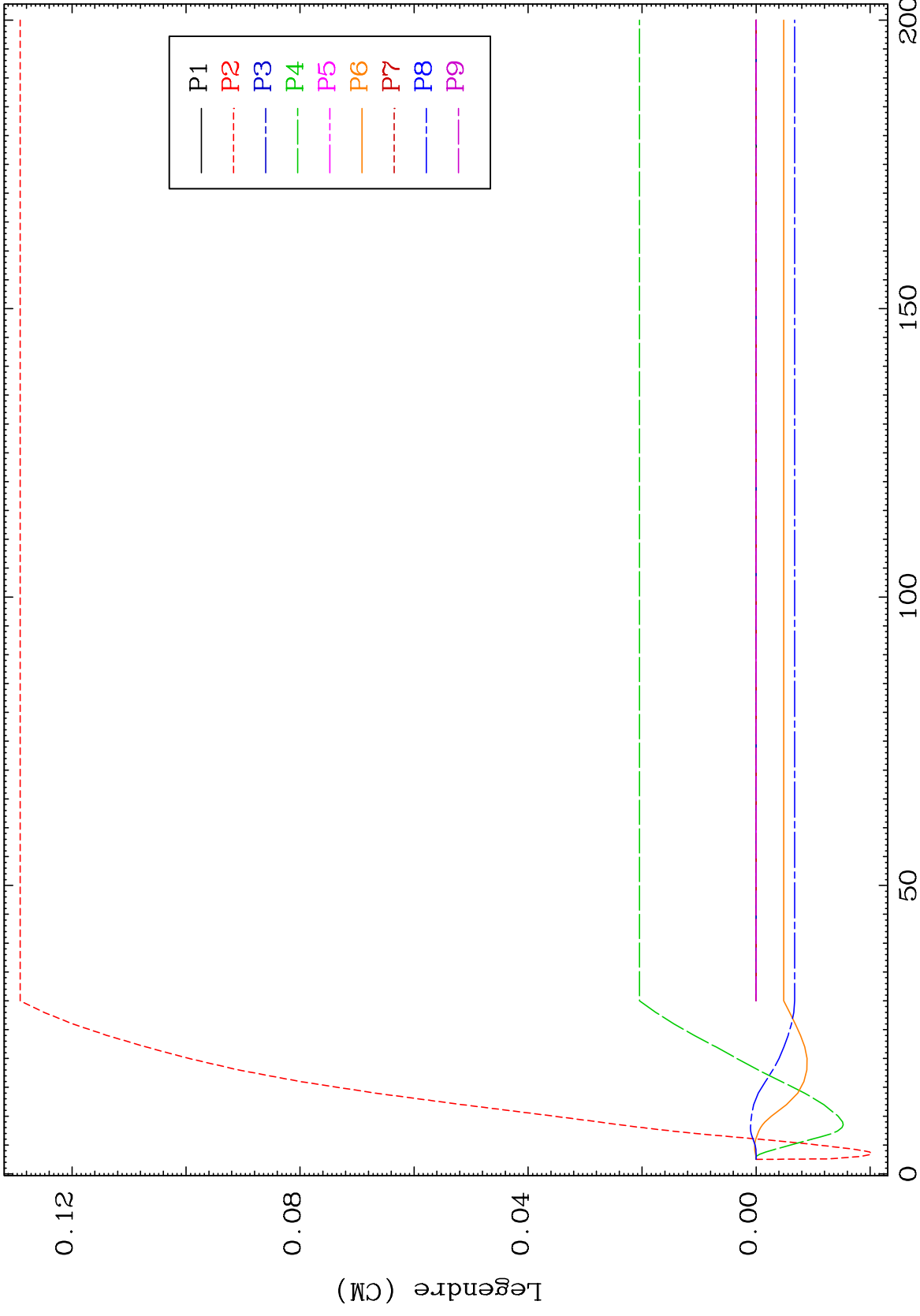
MAT 5013 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-108

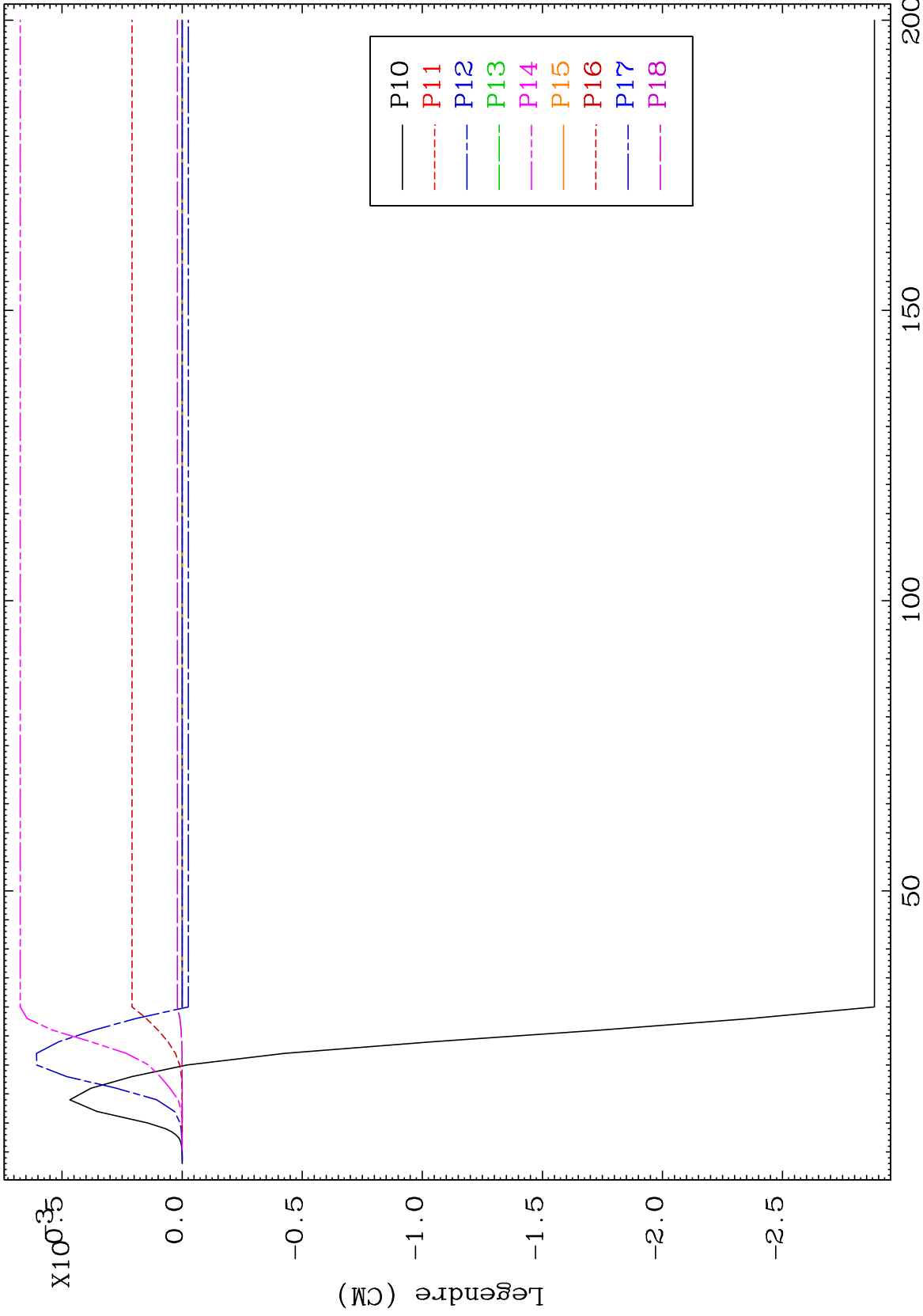


Legendre (CM) Incident Energy (MeV) 50-Sn-108

MAT 5013

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

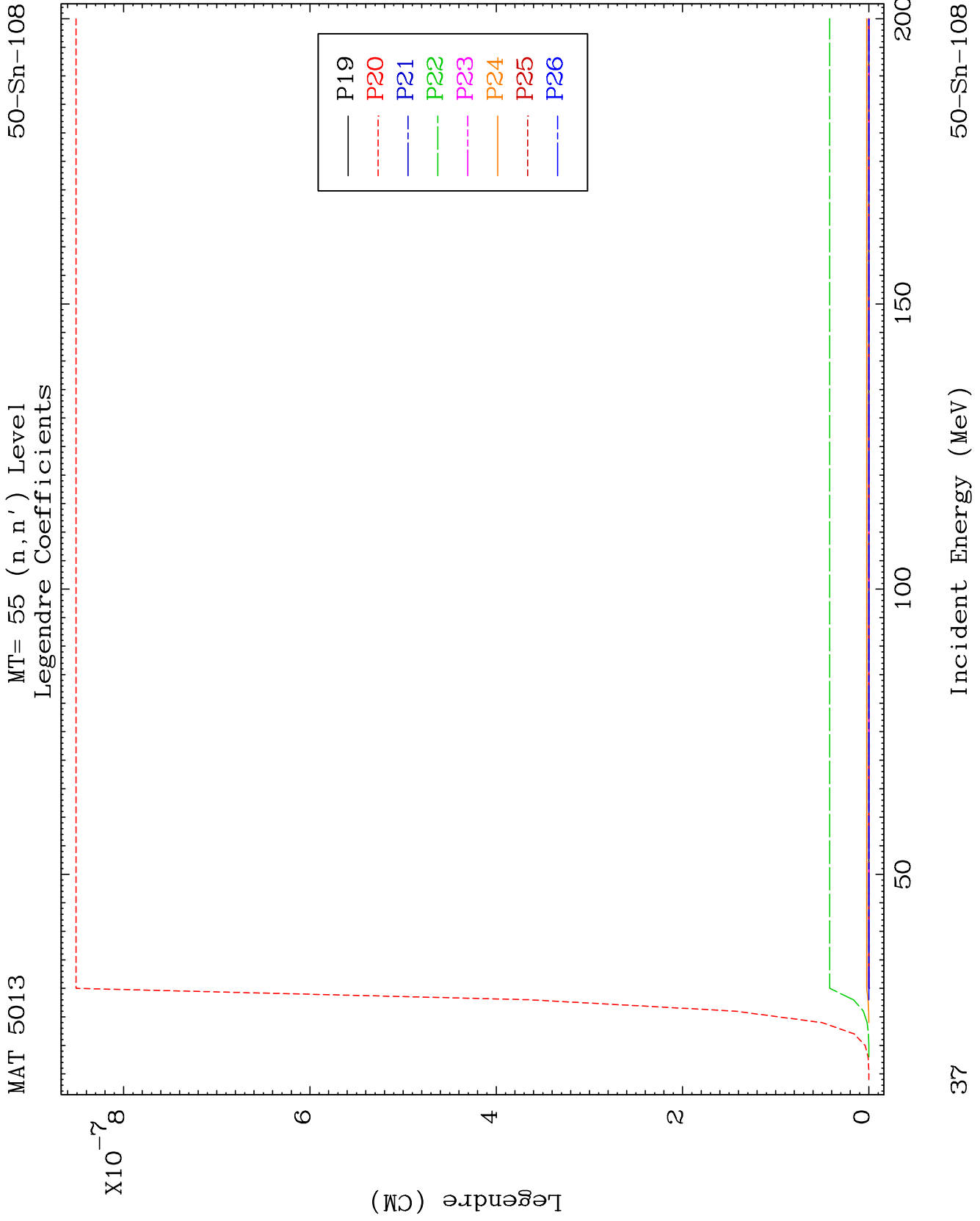
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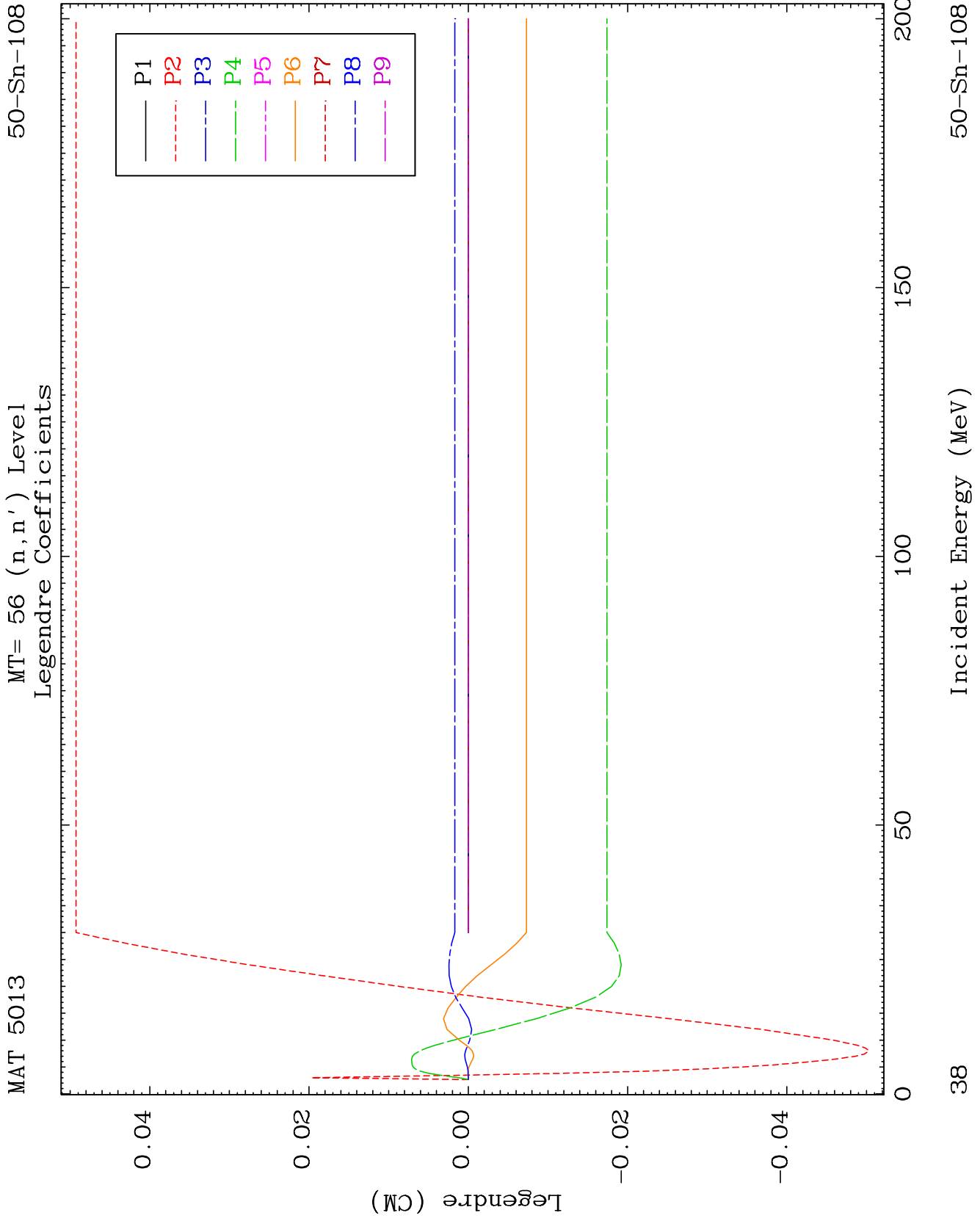


36

Incident Energy (MeV)

50-Sn-108

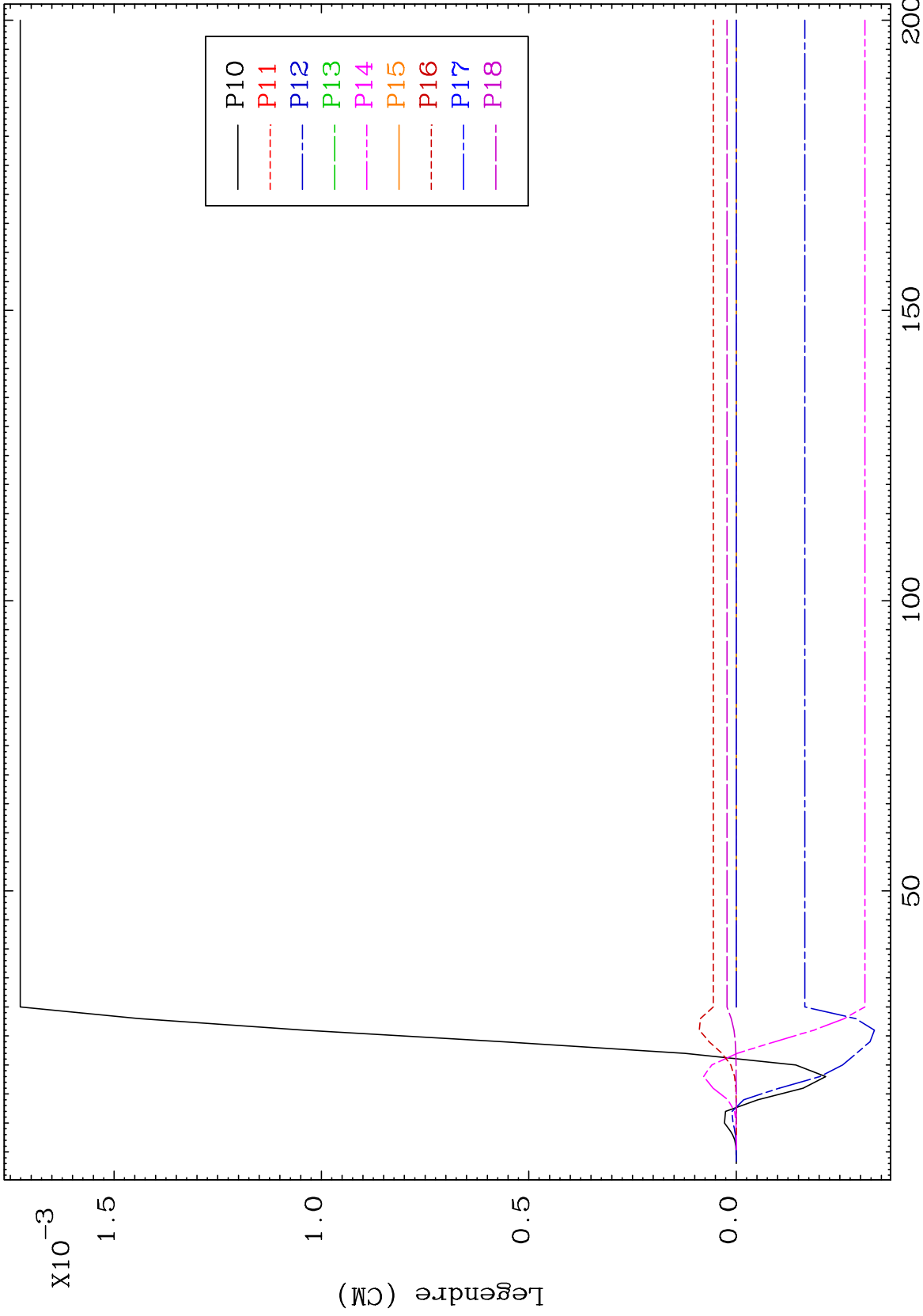




MAT 5013

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

50-Sn-108



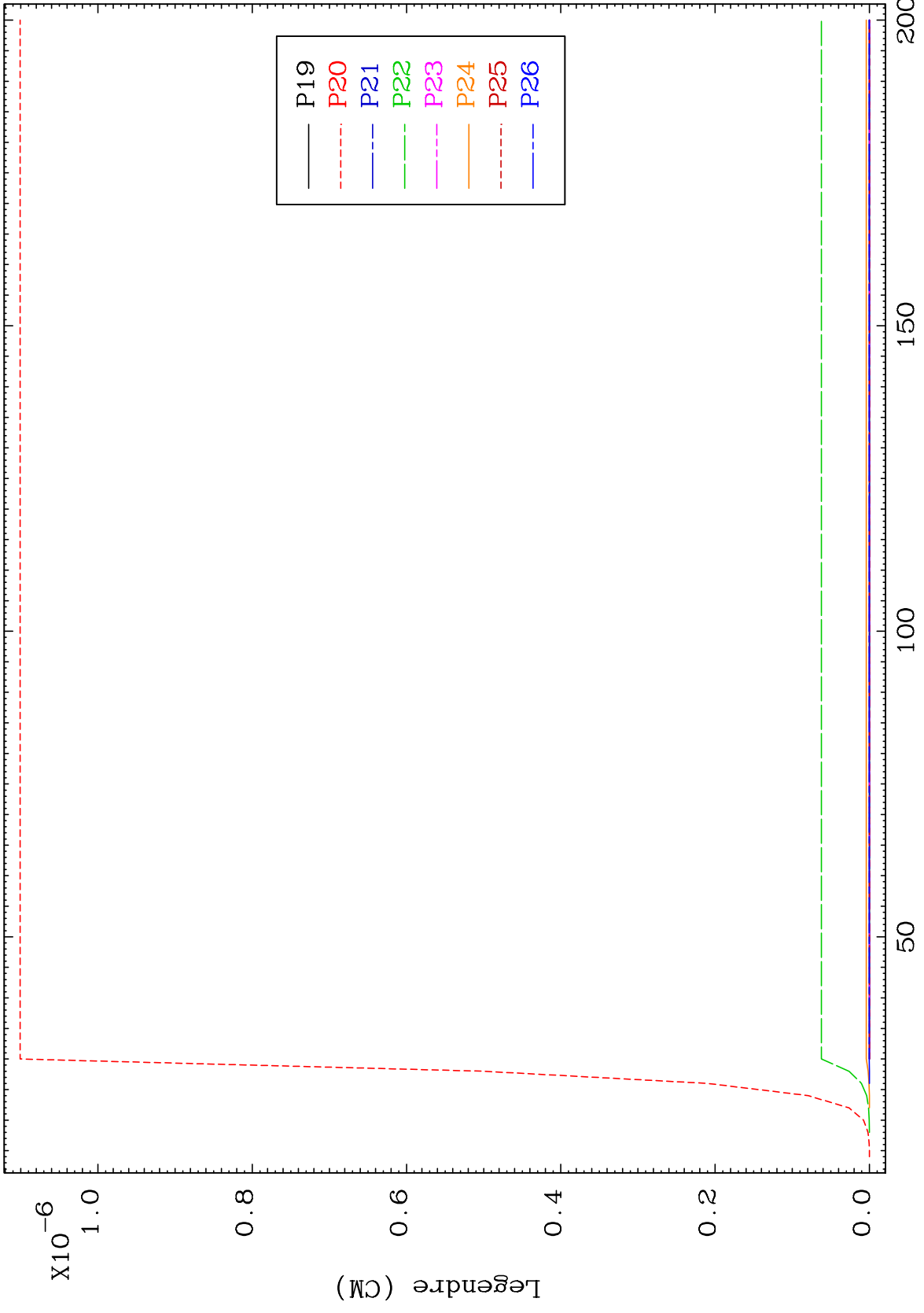
39

Incident Energy (MeV)

50-Sn-108

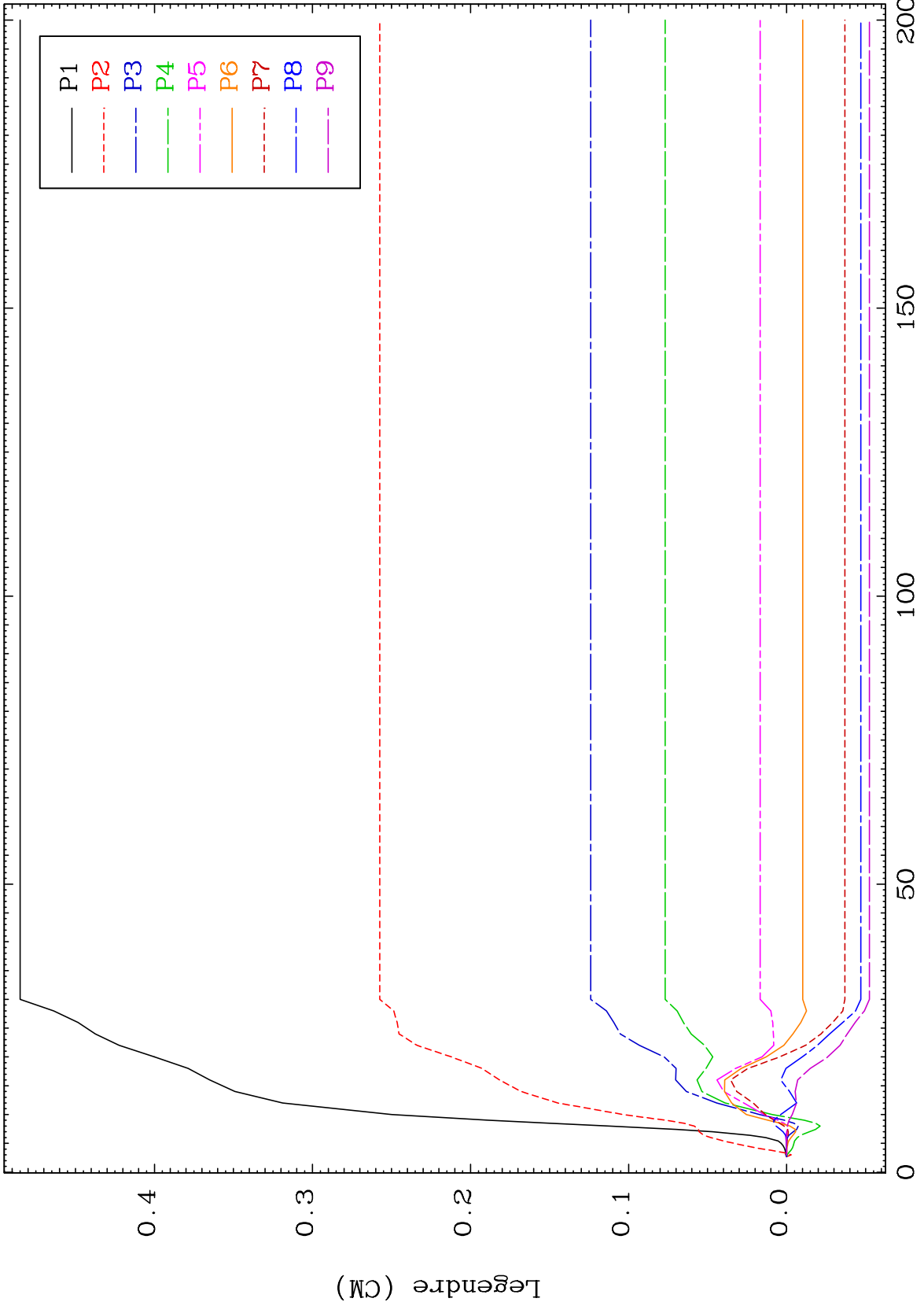


MAT 5013 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-108



50-Sn-108

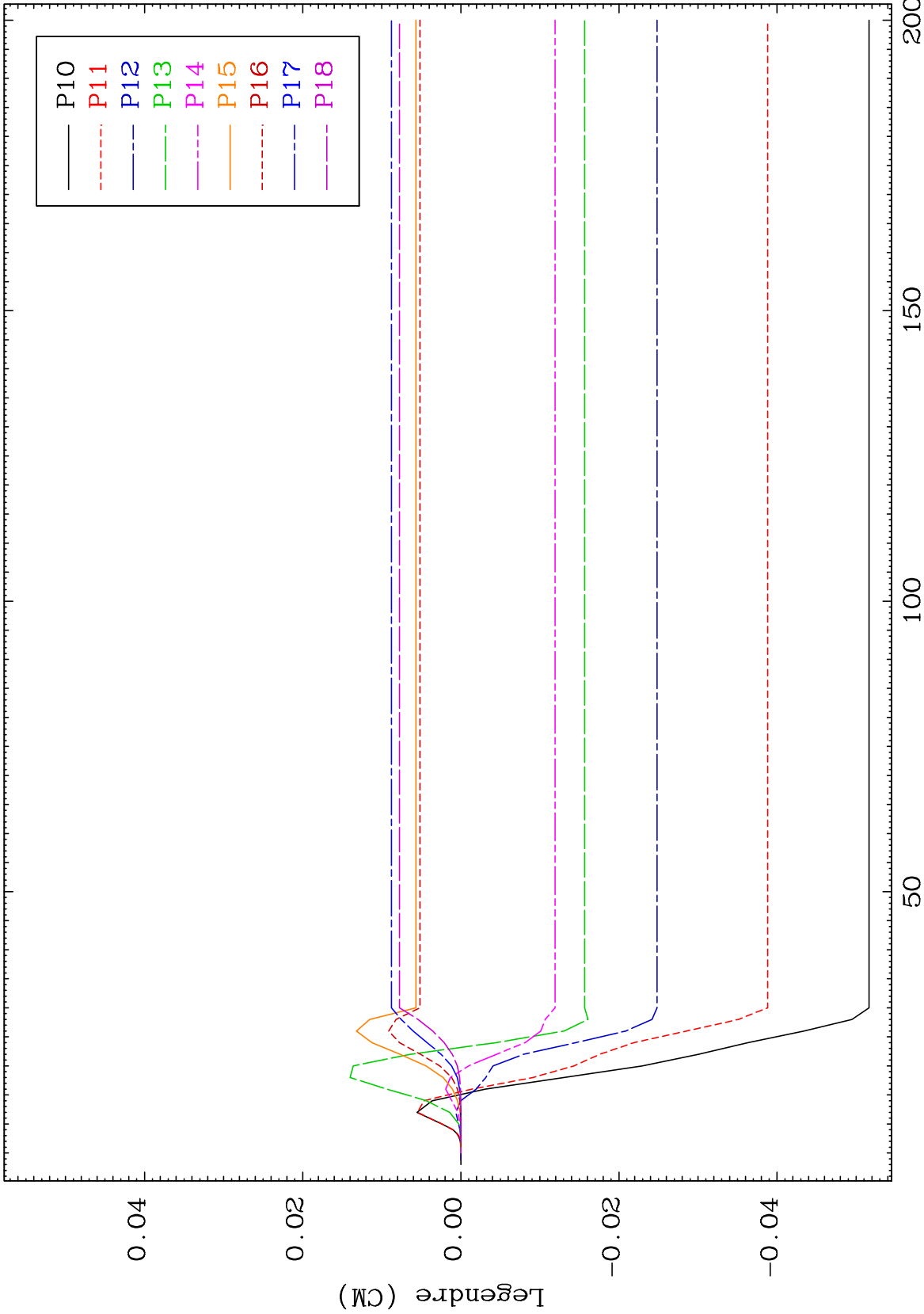
MAT 5013 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013

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

50-Sn-108



42

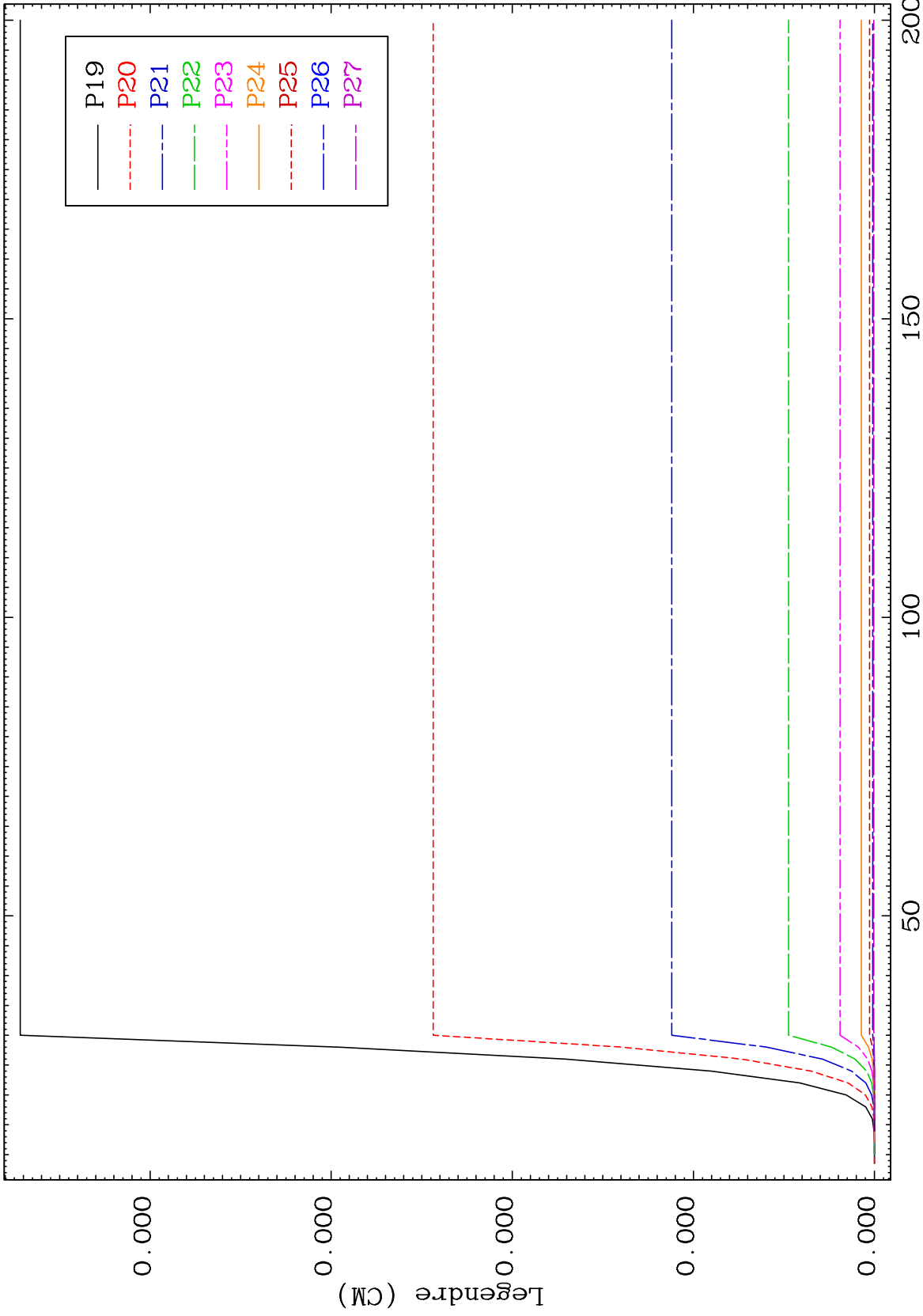
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

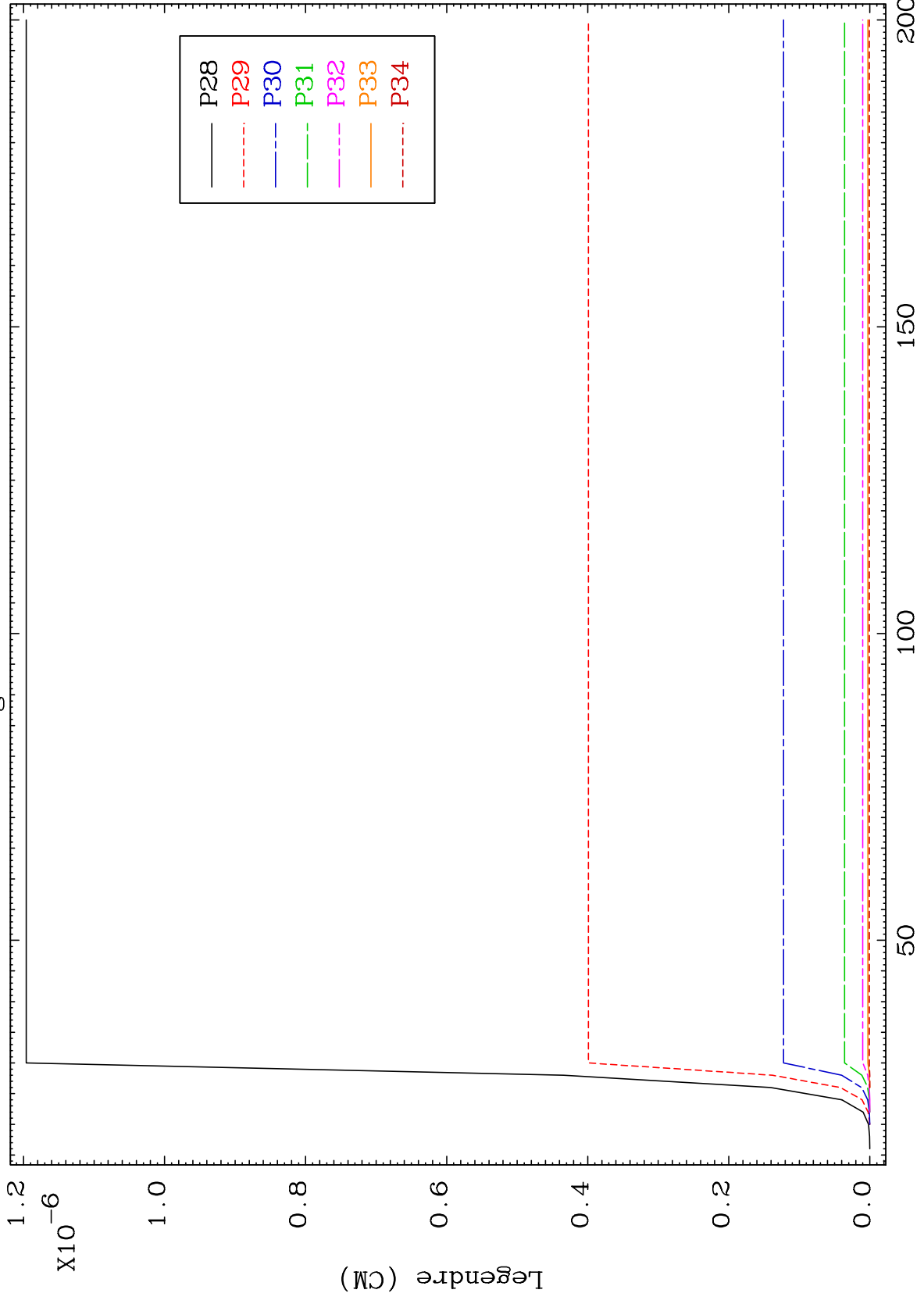
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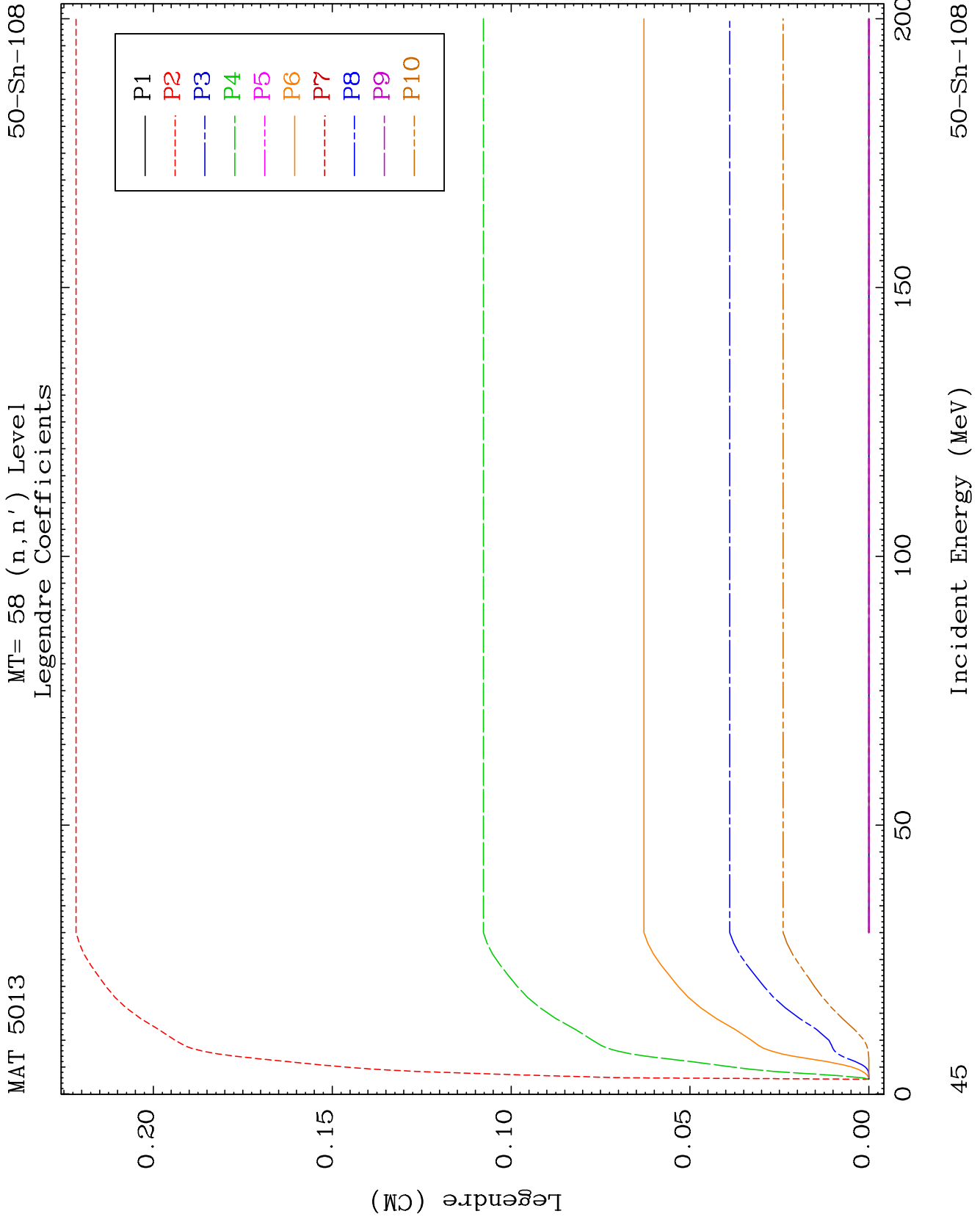


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50-Sn-108

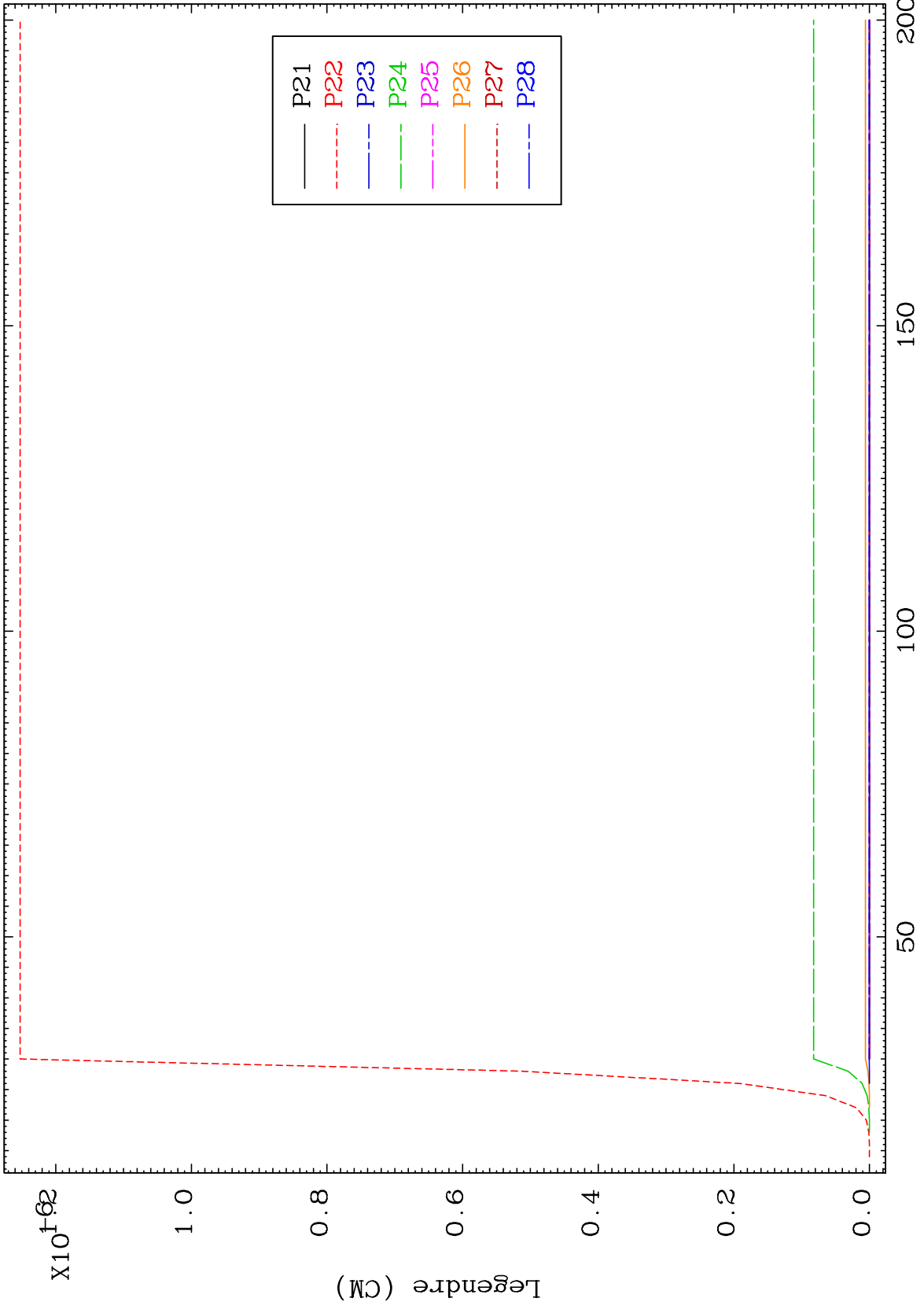
MAT 5013 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-108



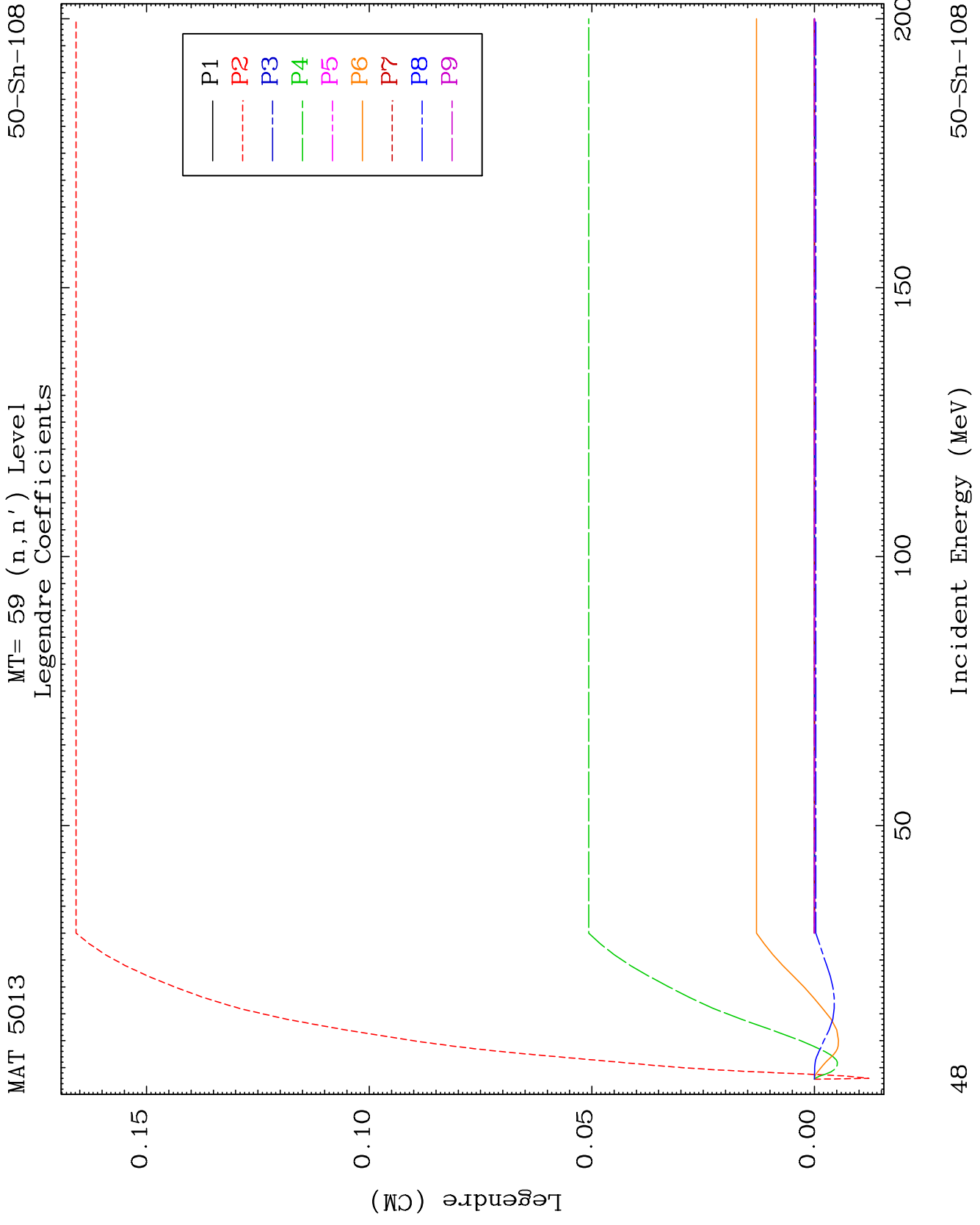




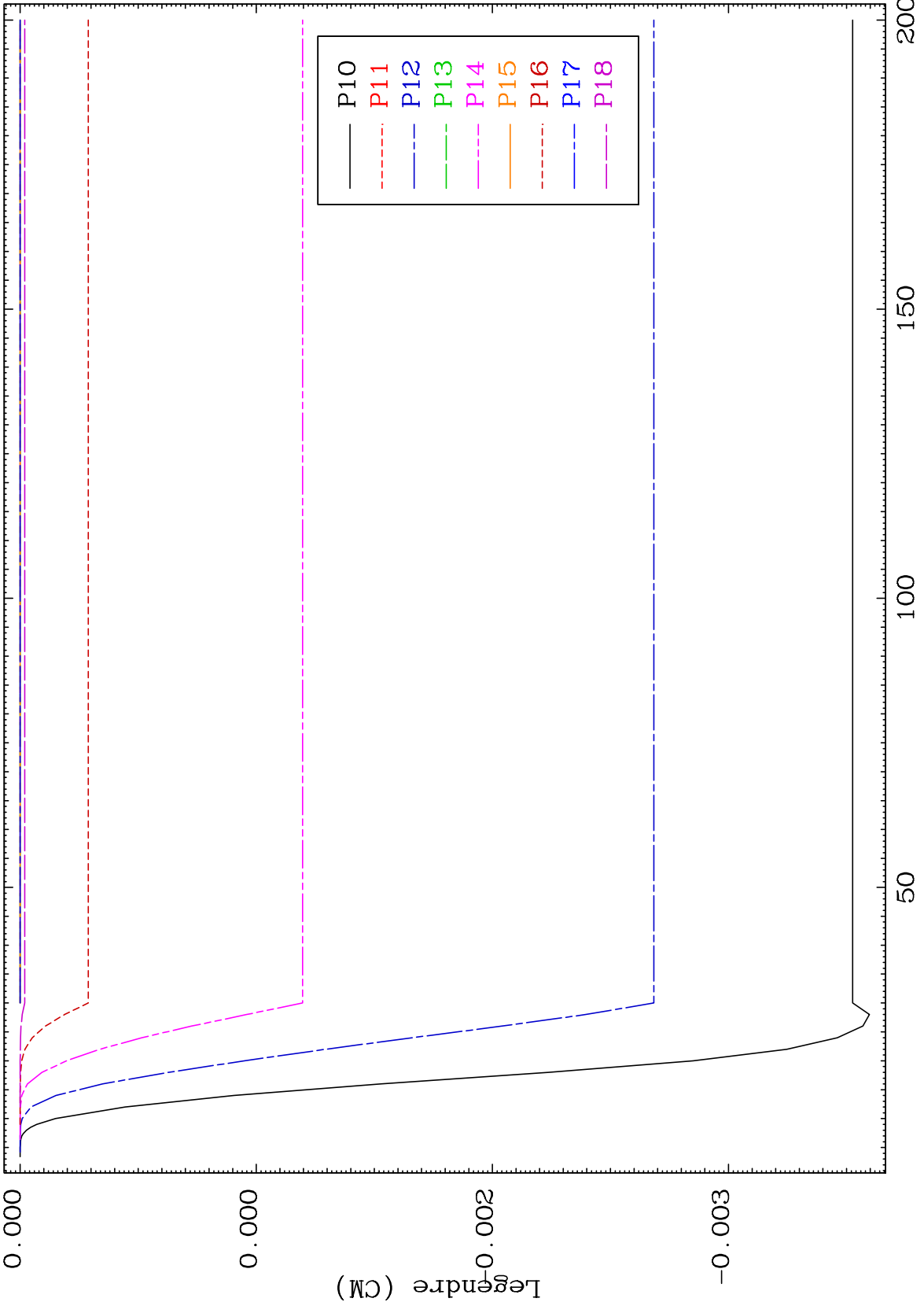
MAT 5013 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-108

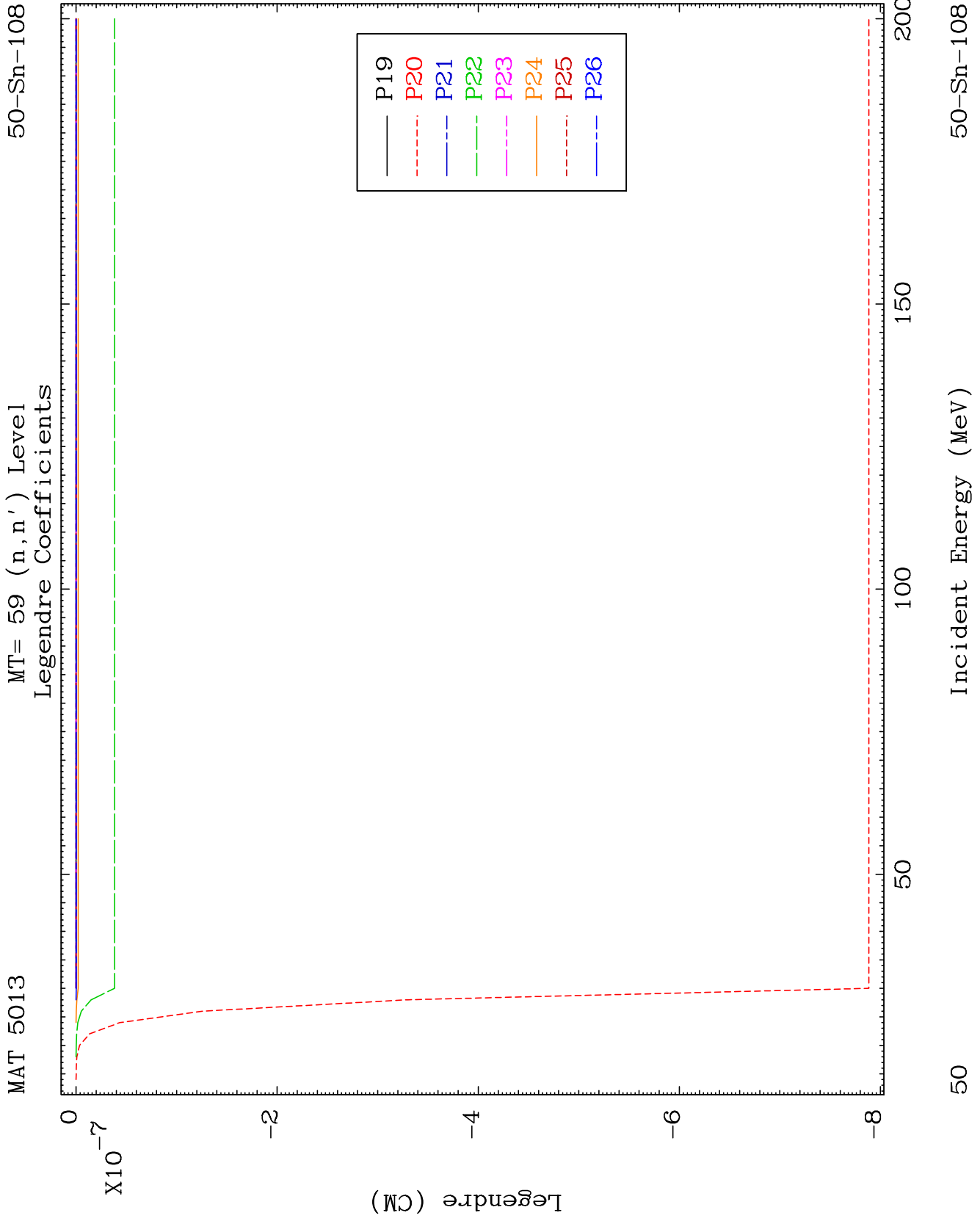




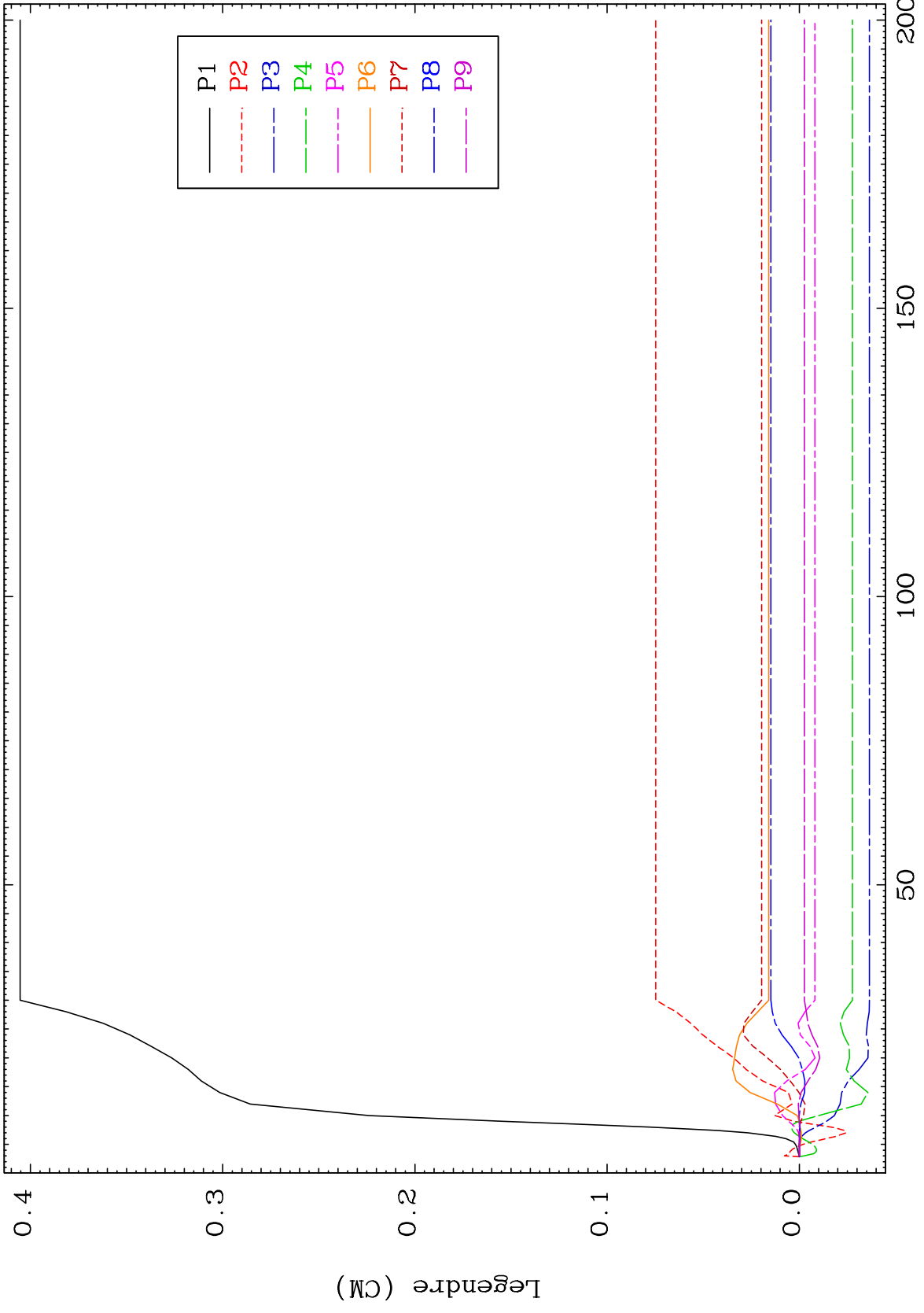


MAT 5013 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-108





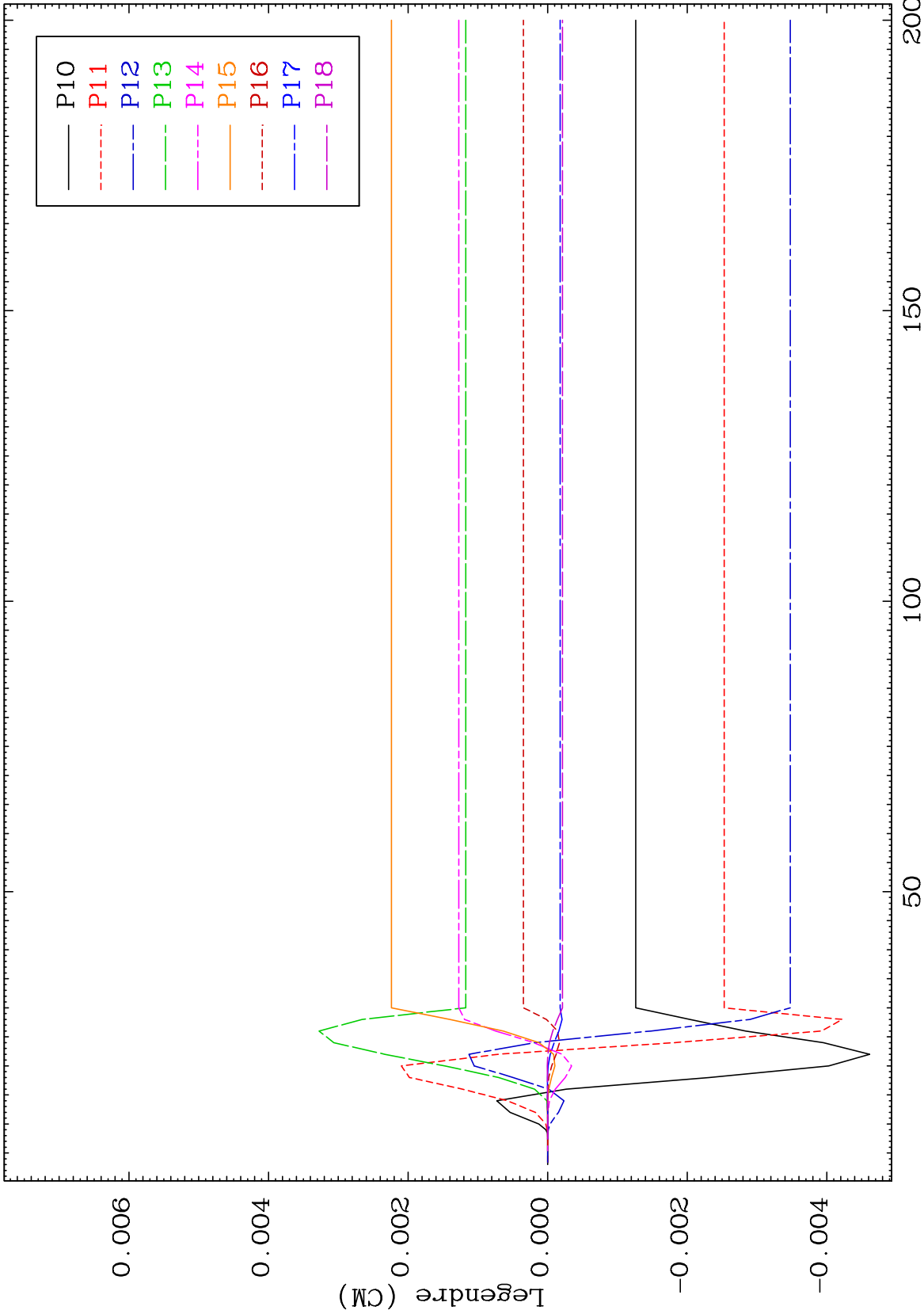
MAT 5013 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013

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

50-Sn-108



52

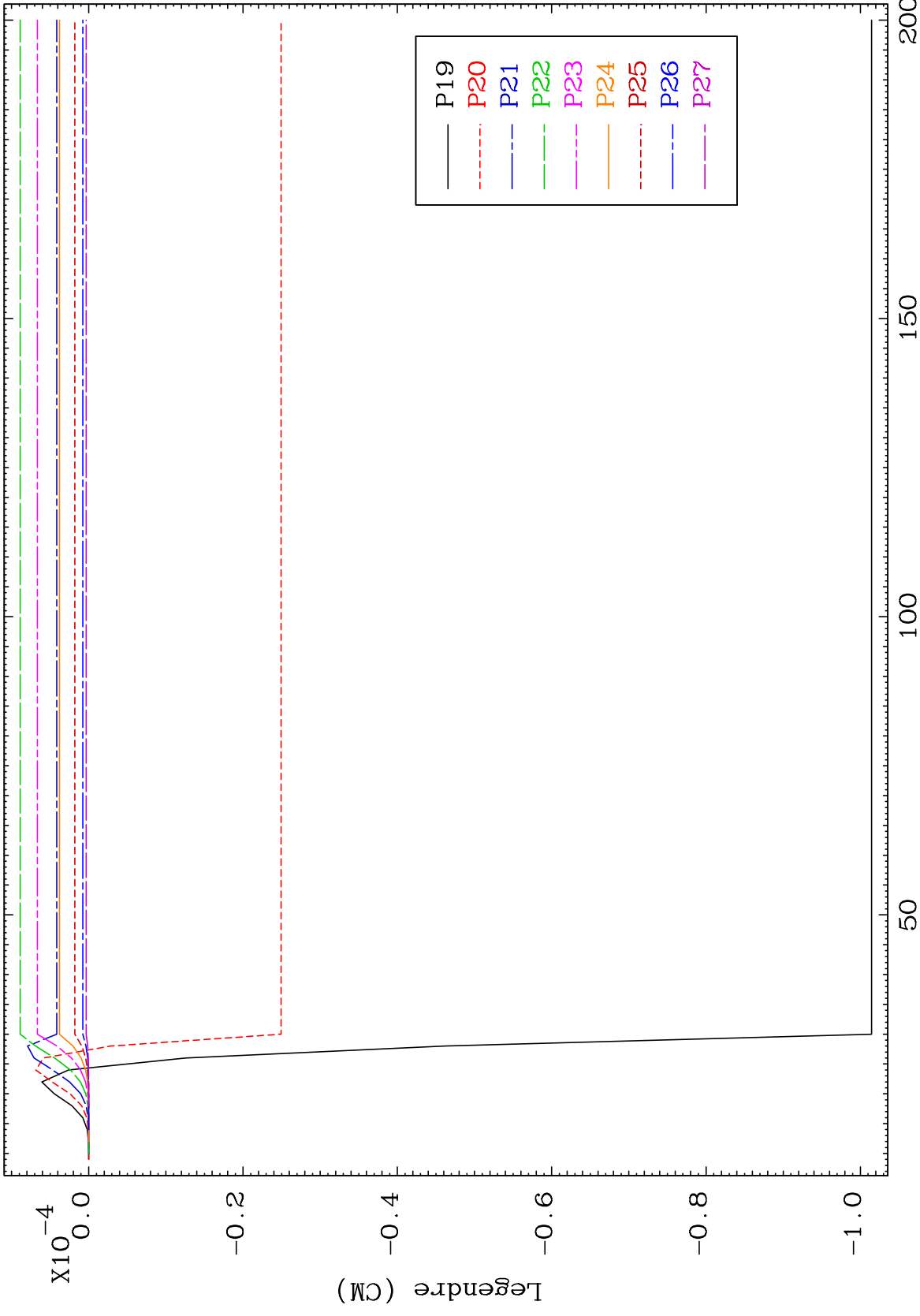
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108



50-Sn-108

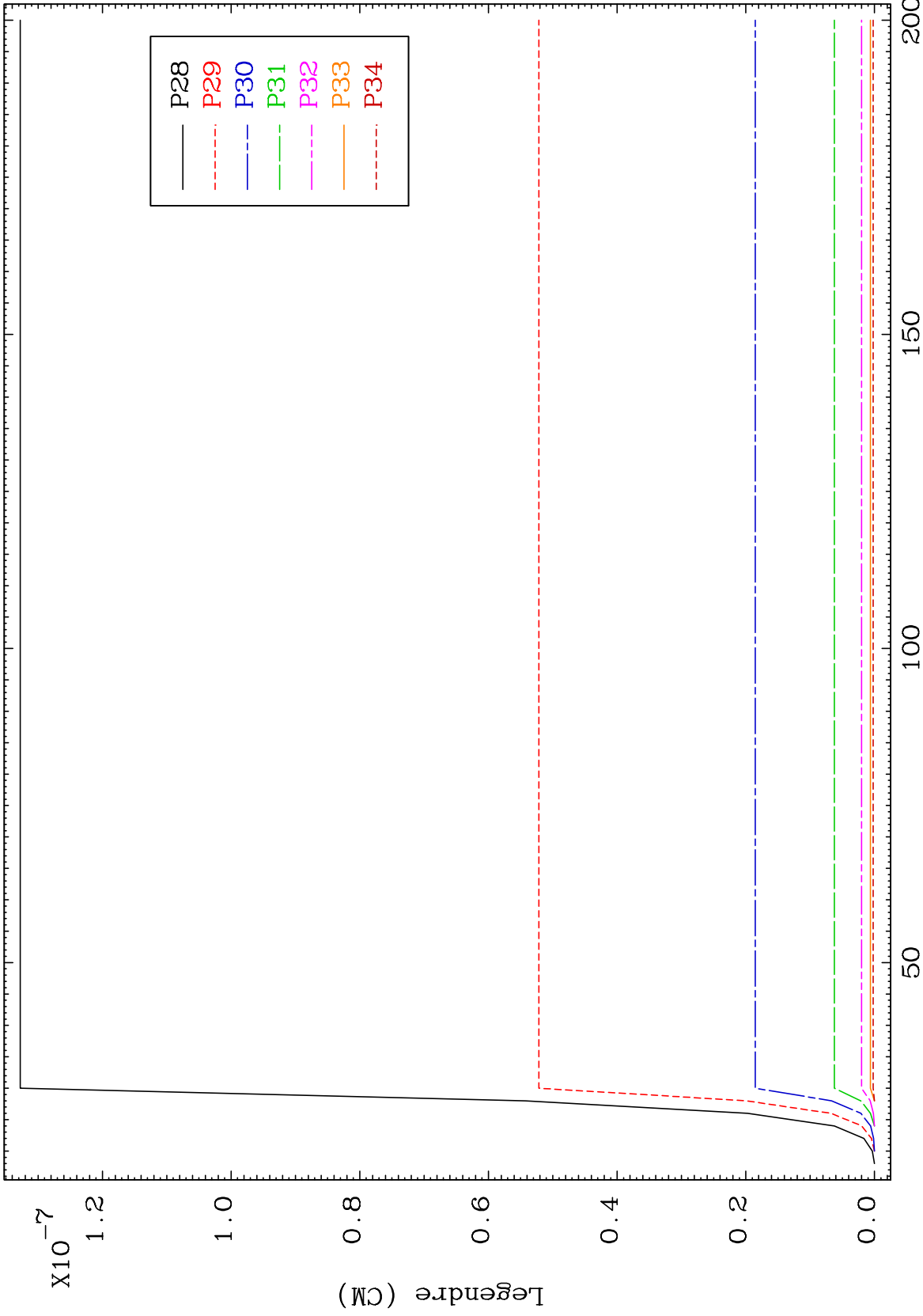
Incident Energy (MeV)

53

MAT 5013

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

50-Sn-108

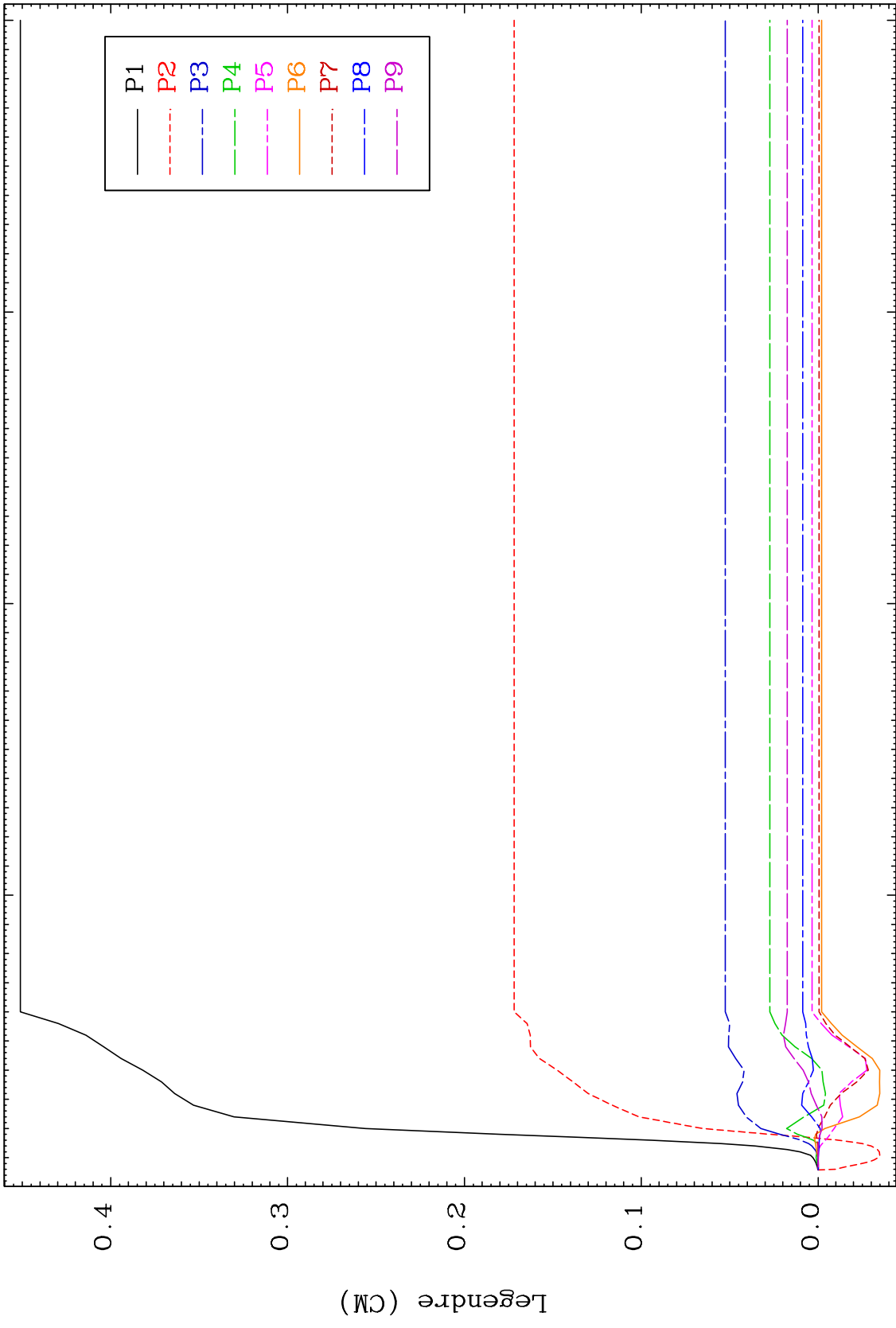


54

Incident Energy (MeV)

50-Sn-108

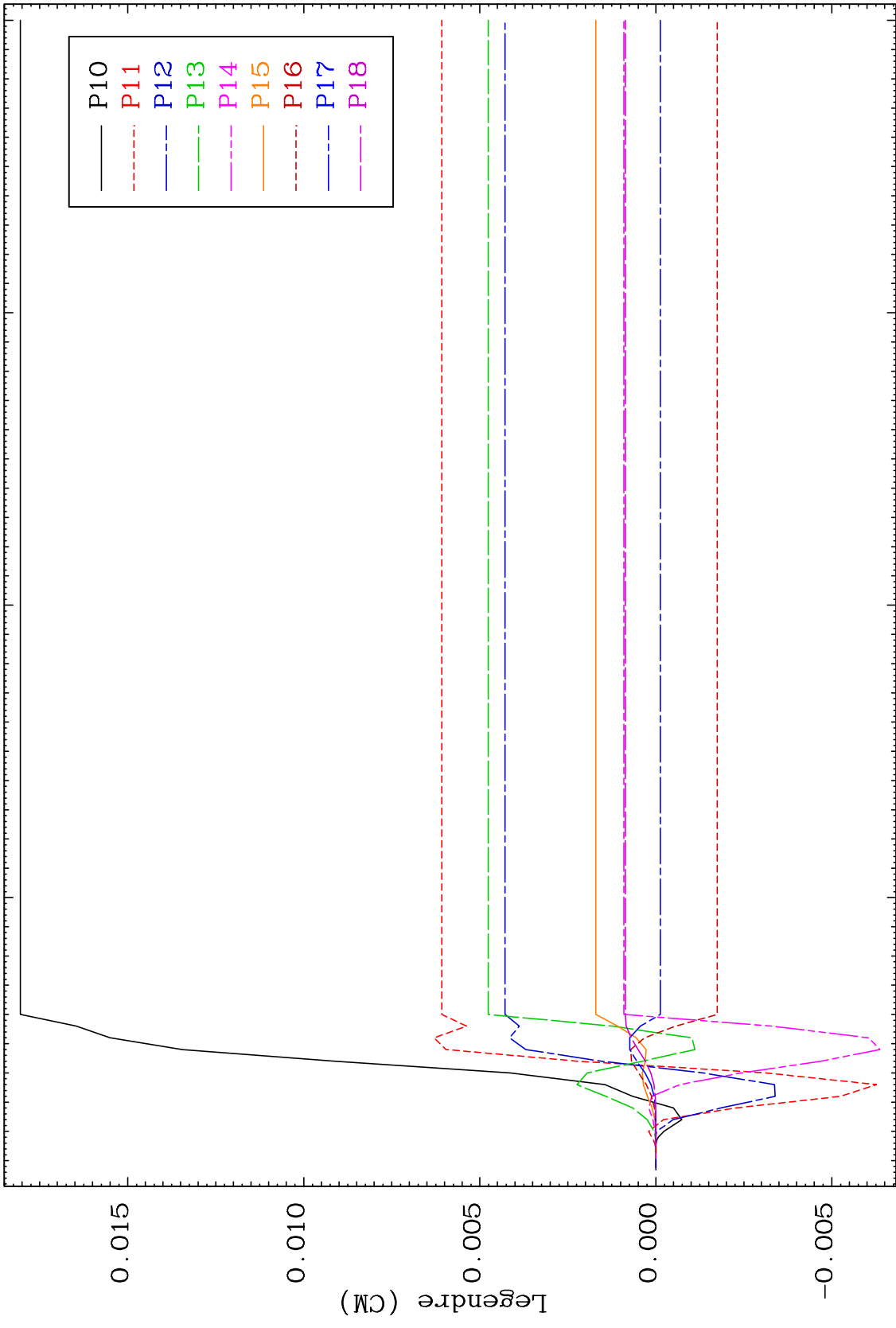
MAT 5013 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-108



55 Incident Energy (MeV) 200 50-Sn-108



MAT 5013 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-108

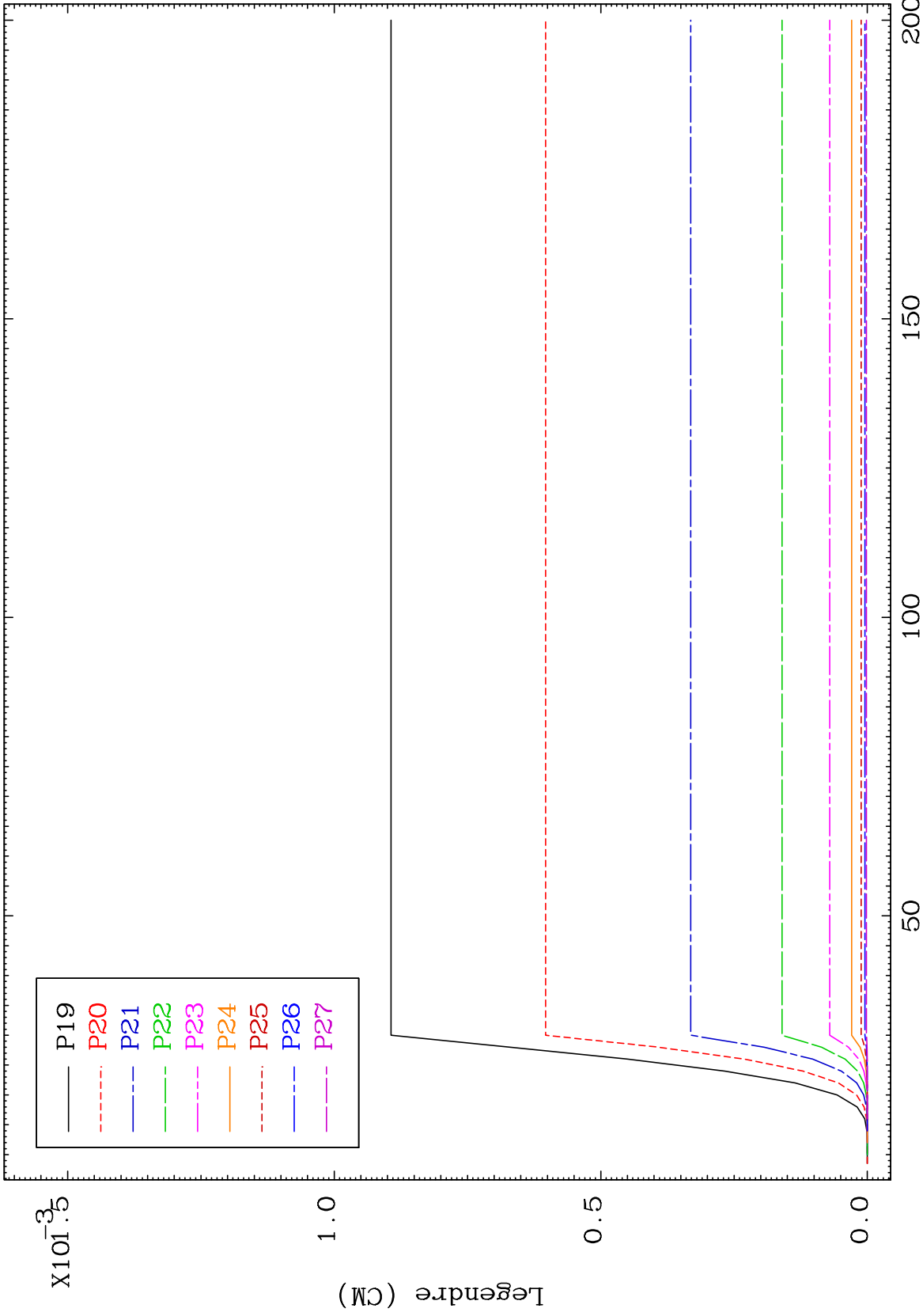


56 Incident Energy (MeV) 50-Sn-108

MAT 5013

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

50-Sn-108



57

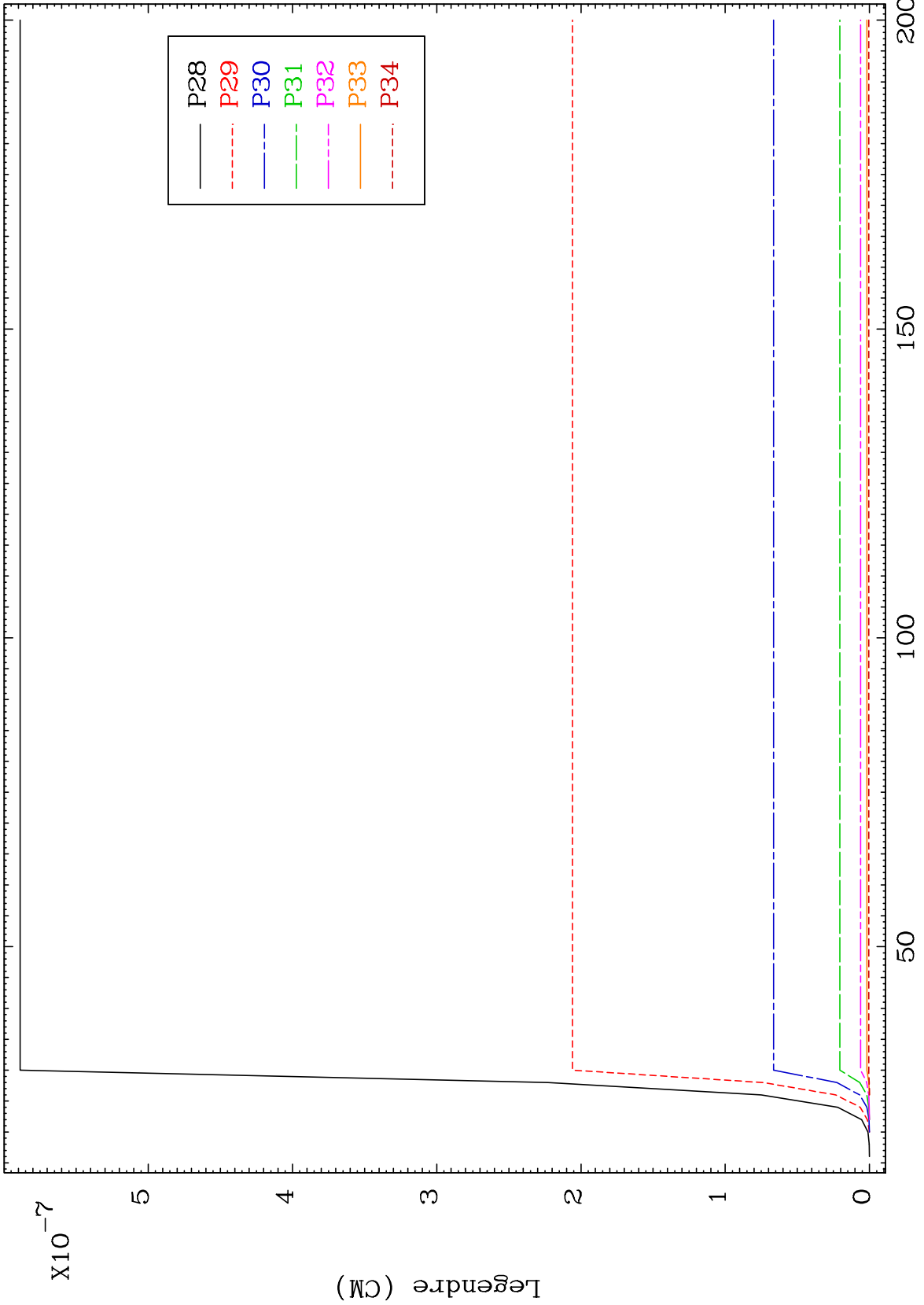
Incident Energy (MeV)

50-Sn-108

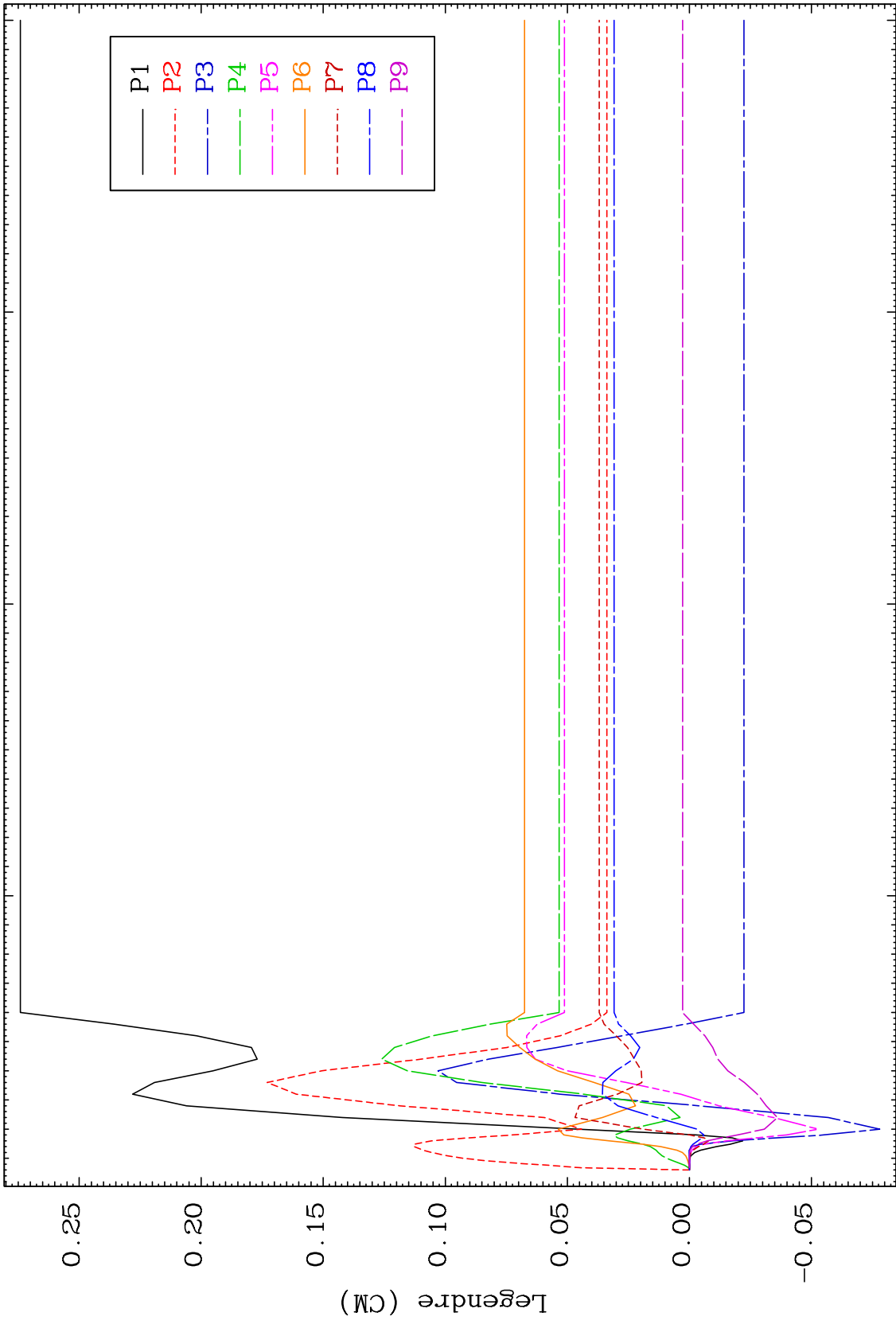
MAT 5013

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

50-Sn-108

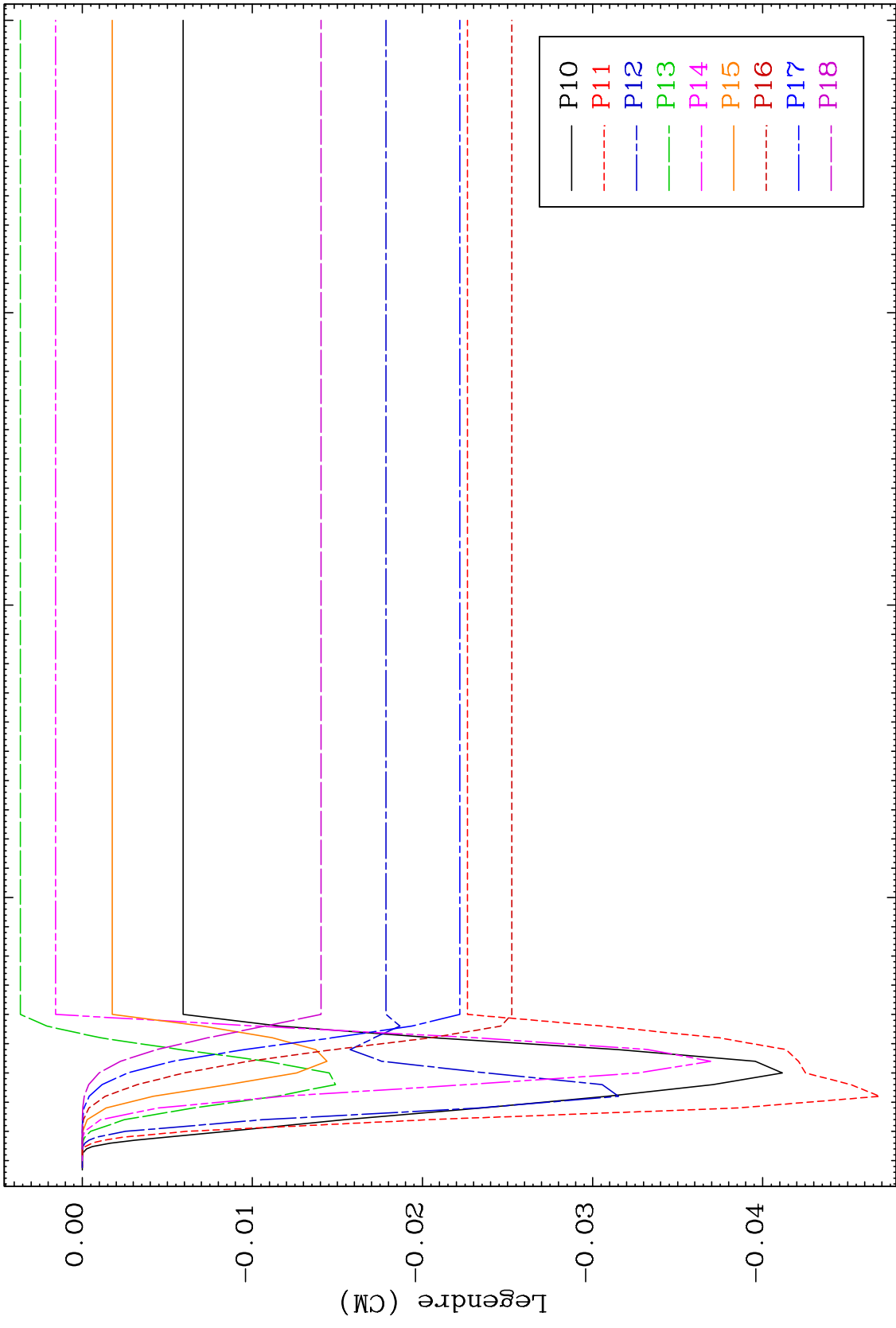


MAT 5013 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-108



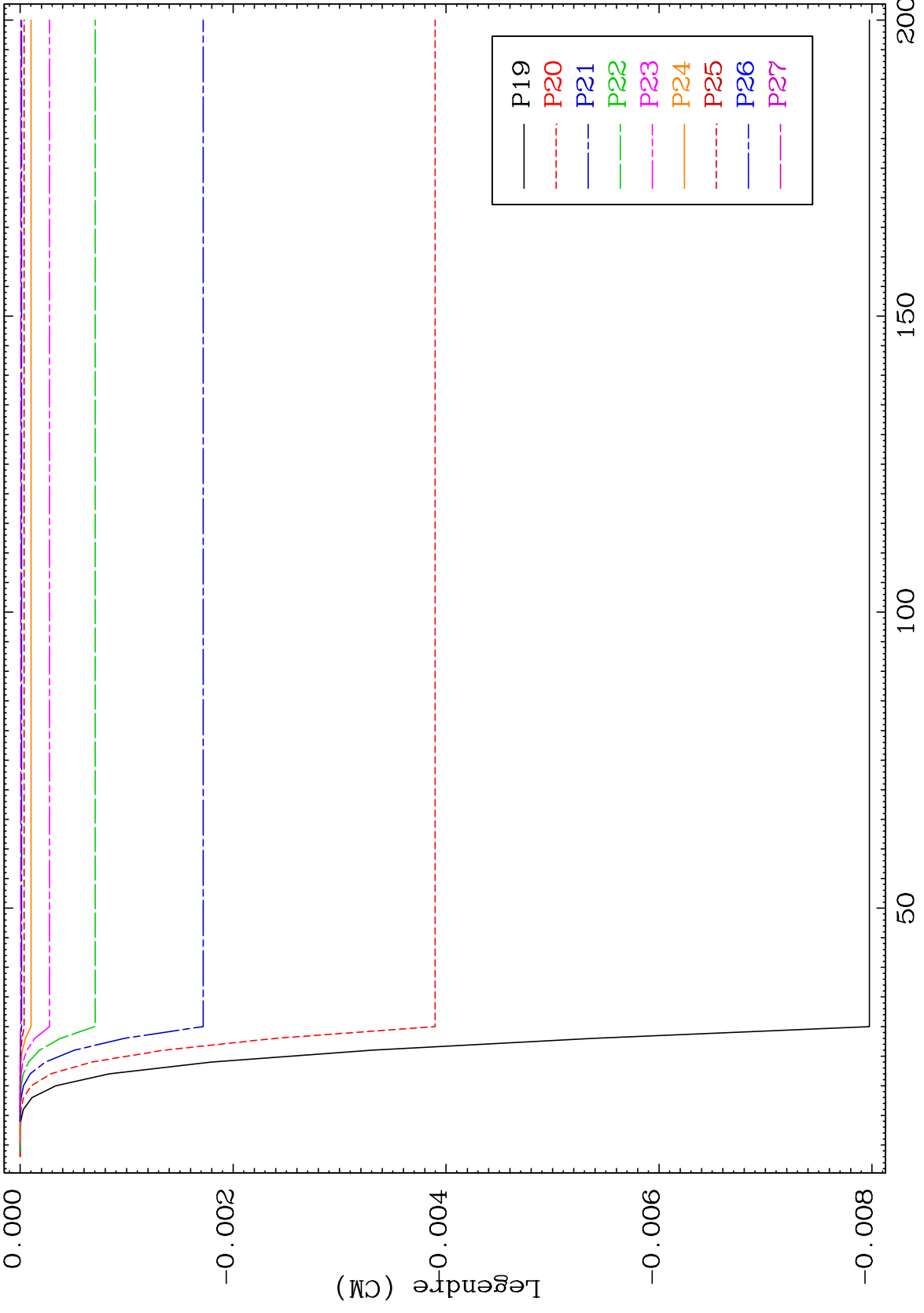
59 Incident Energy (MeV) 50-Sn-108

MAT 5013 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-108

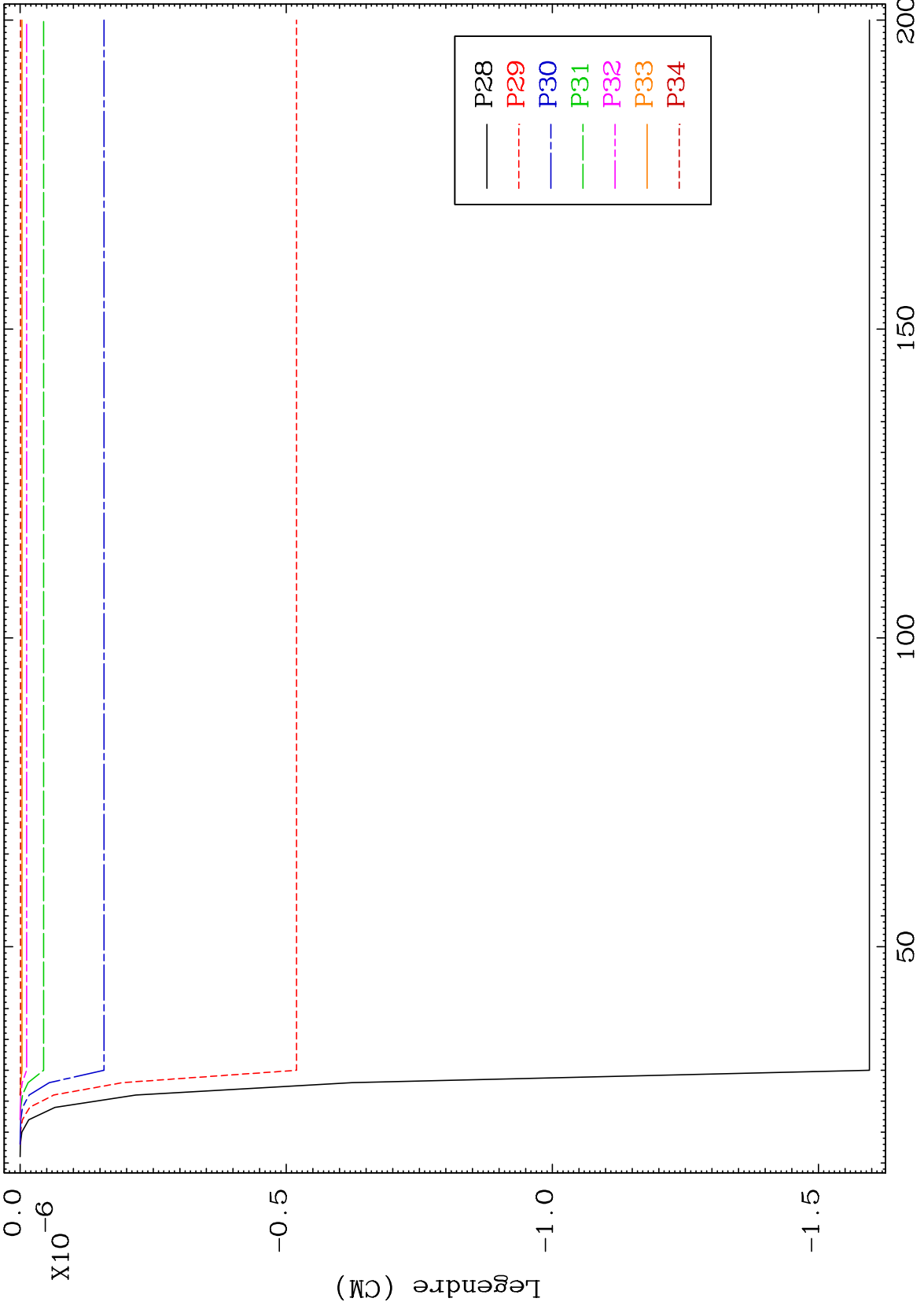


60 50 100 150 200 Incident Energy (MeV) 50-Sn-108

MAT 5013 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-108

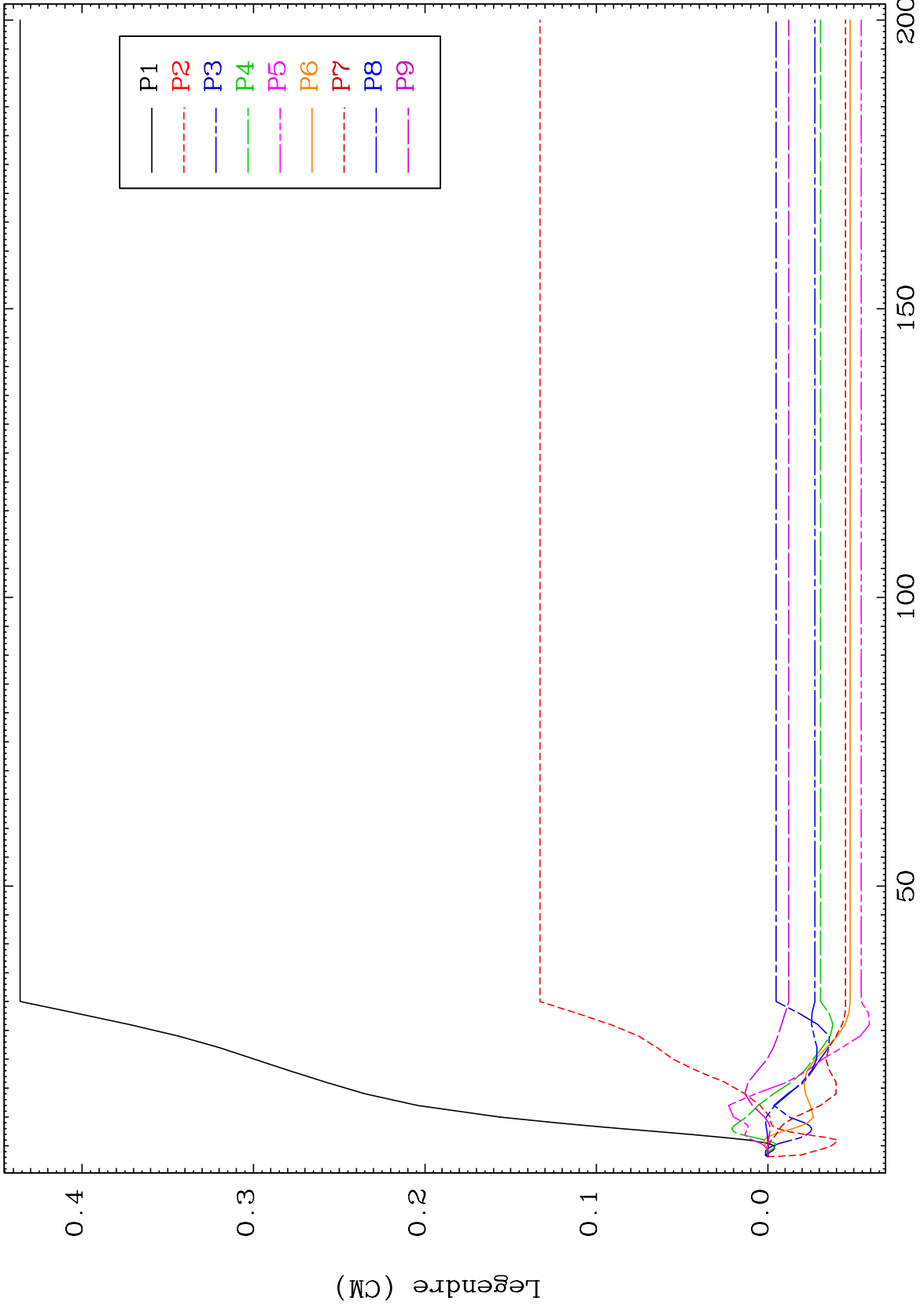


MAT 5013 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-108



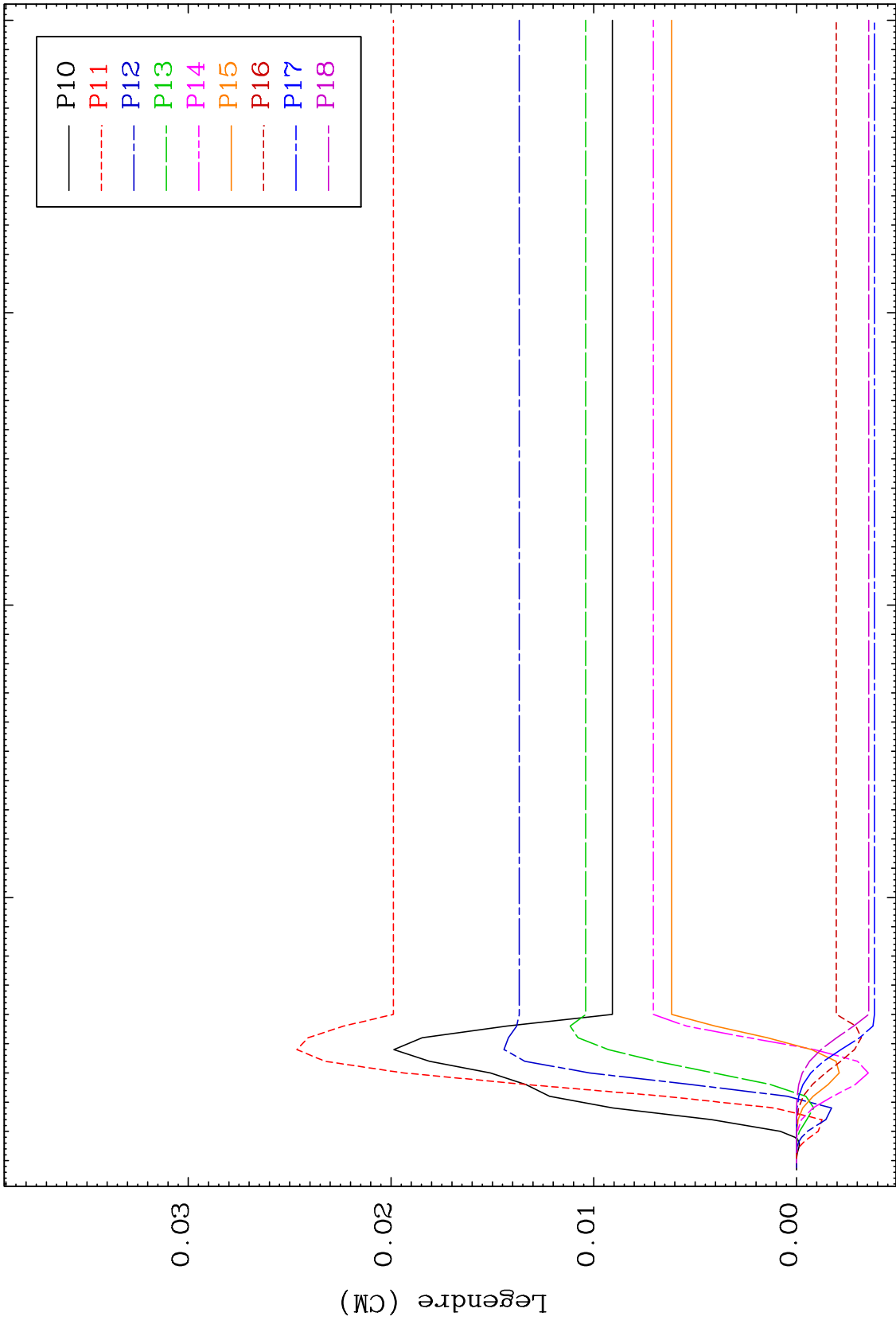
62 50-Sn-108

MAT 5013 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-108

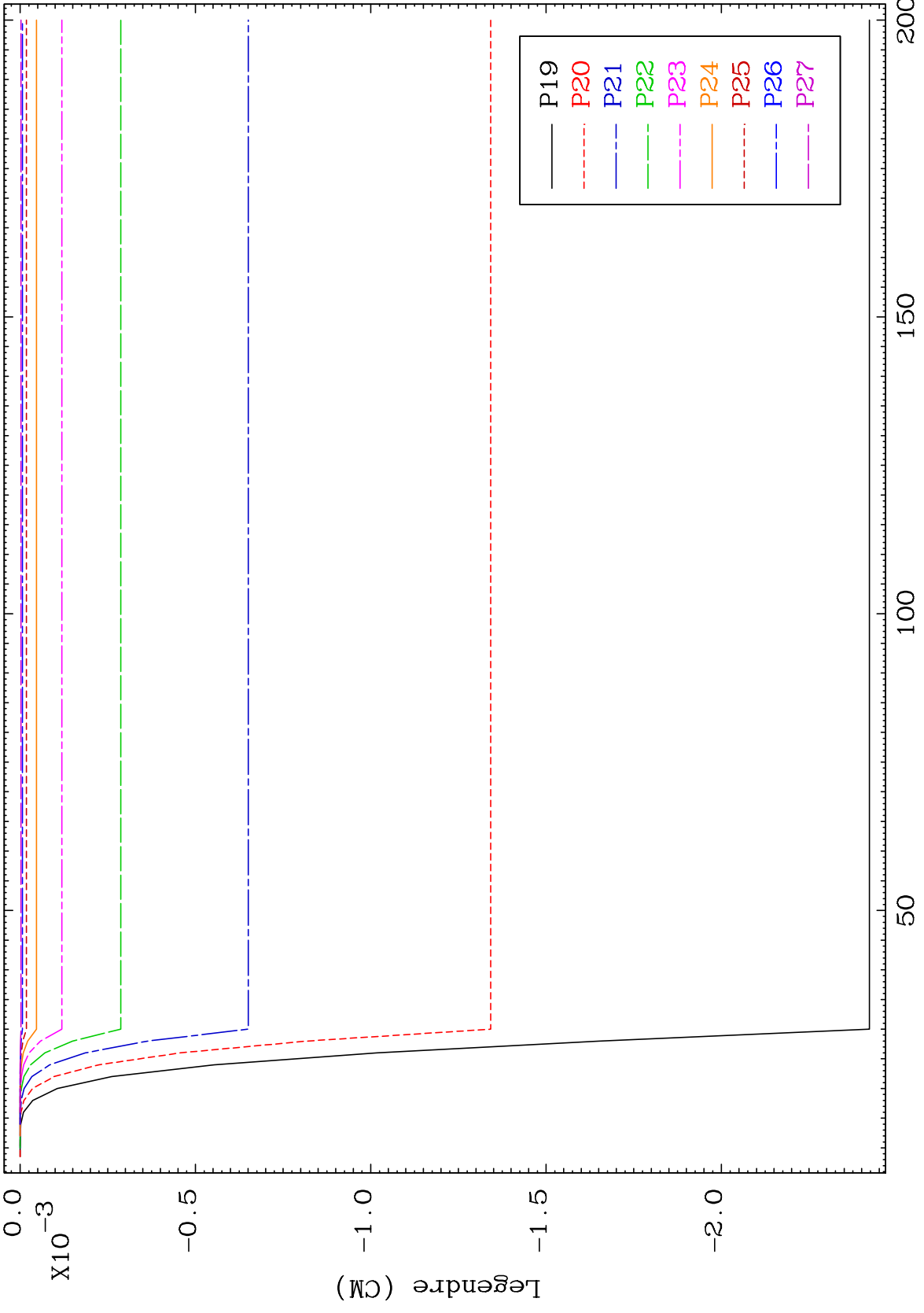


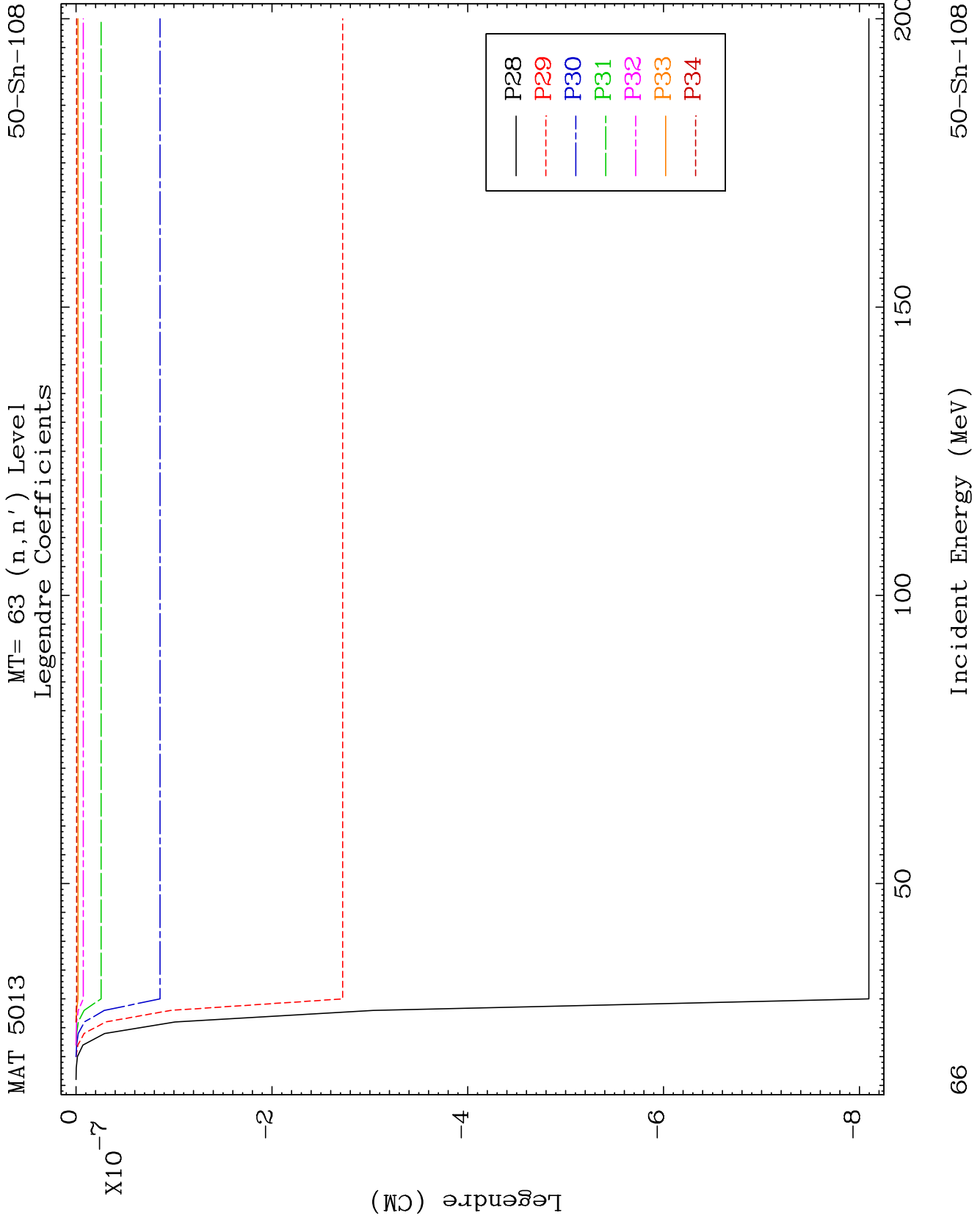


MAT 5013 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-108

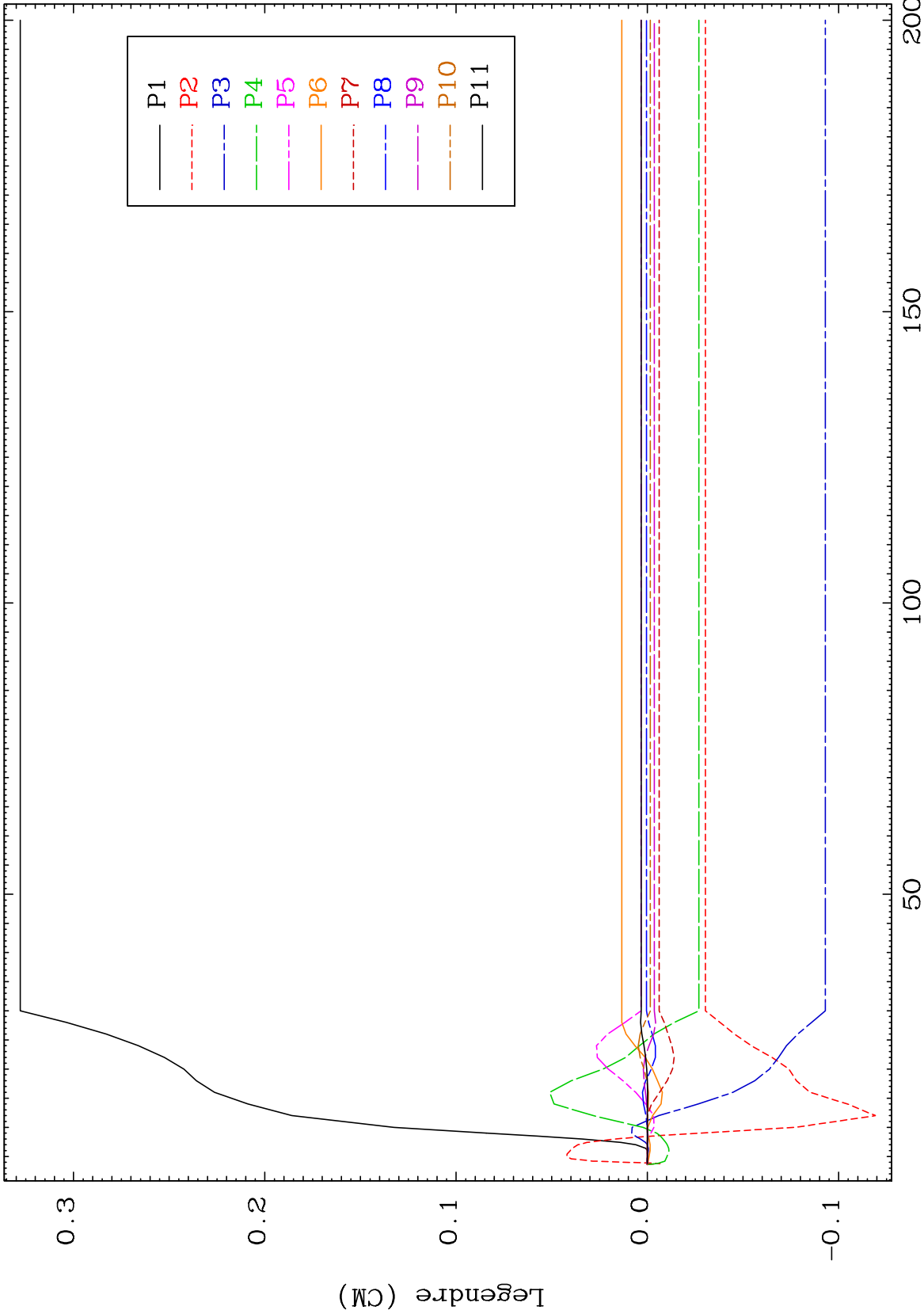




MAT 5013

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

50-Sn-108



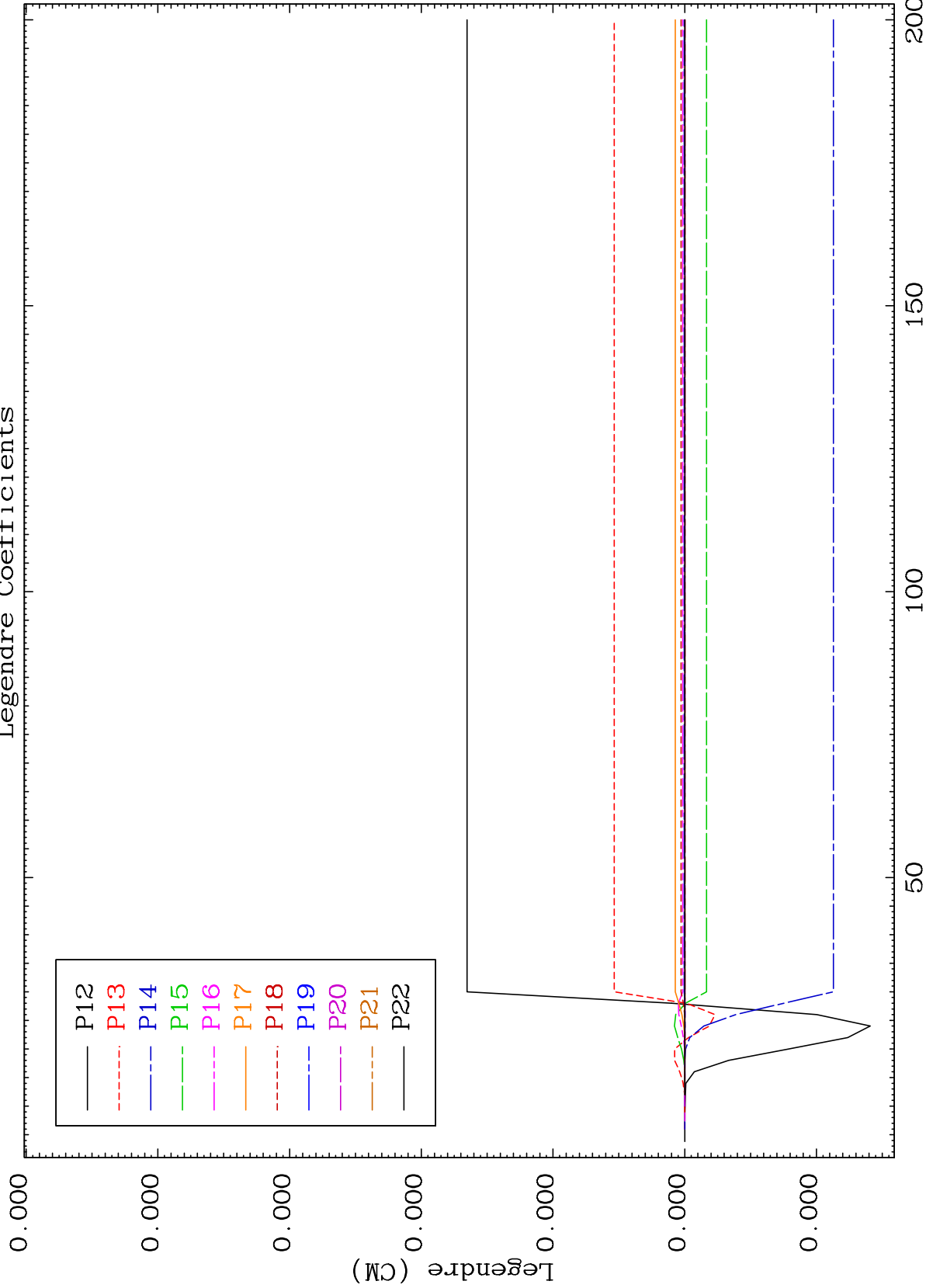
67

Incident Energy (MeV)

50-Sn-108

MAT 5013 MT= 64 (n,n') Level Legendre Coefficients

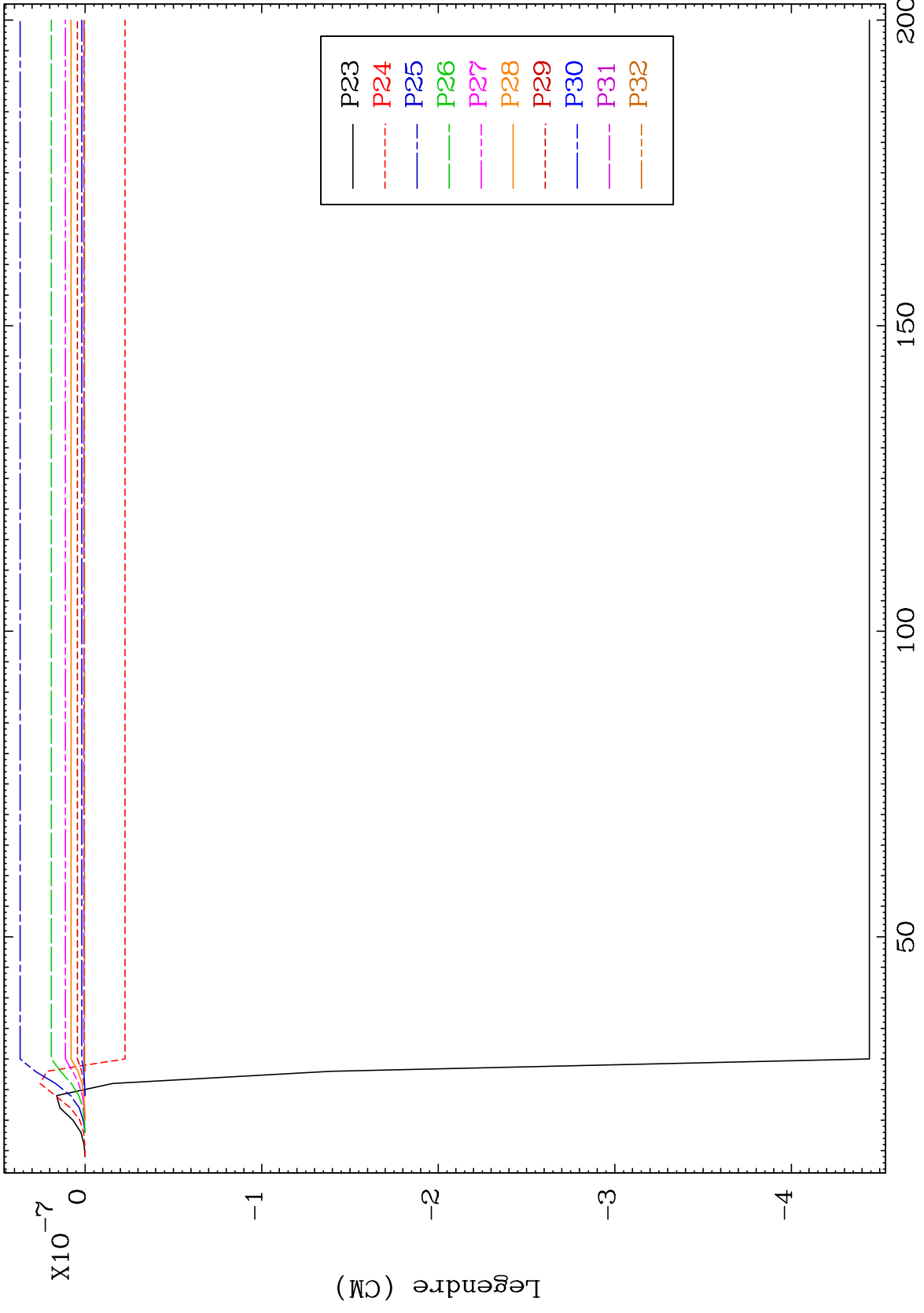
50-Sn-108



50-Sn-108

Incident Energy (MeV)

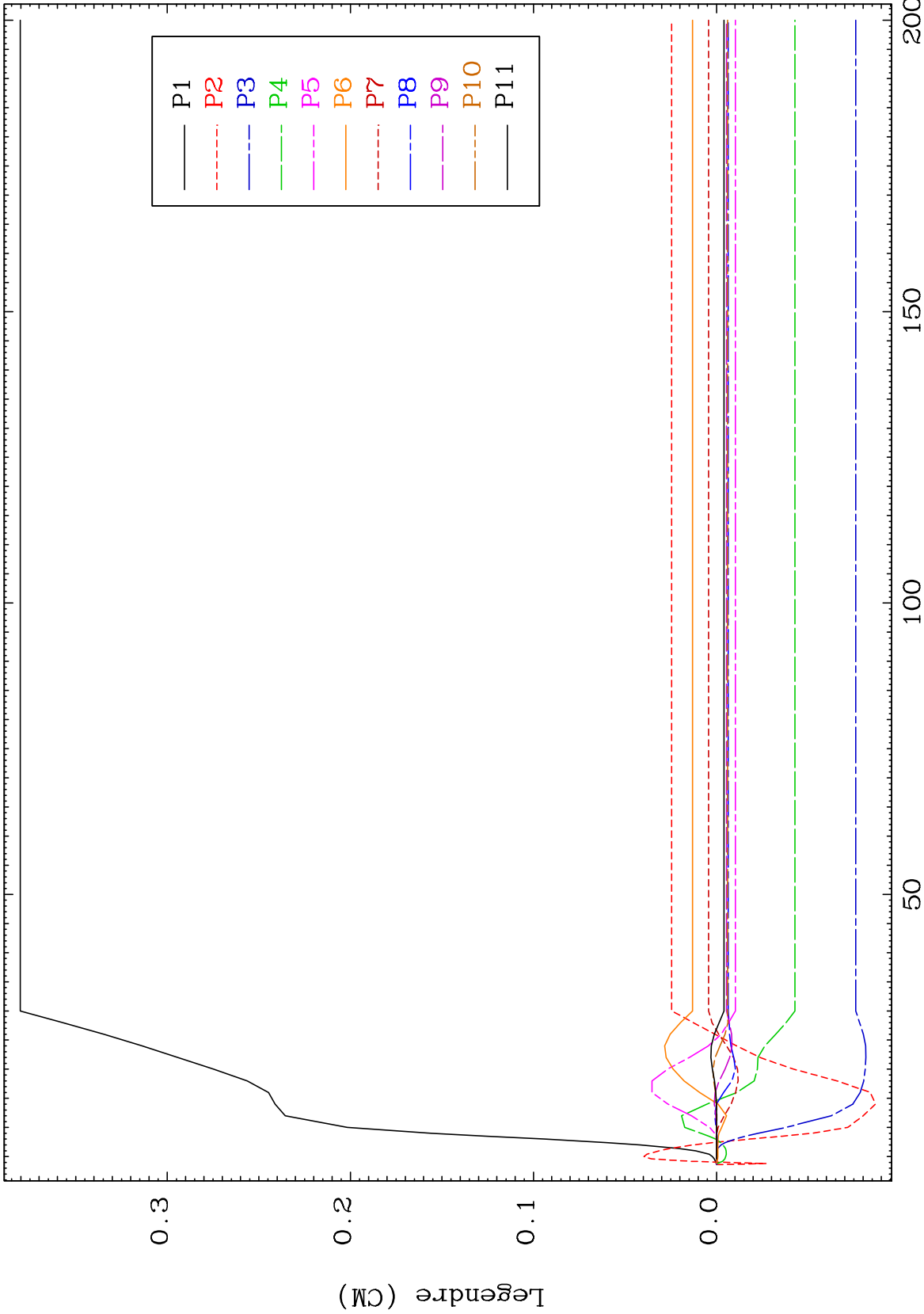
MAT 5013 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-108



MAT 5013

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

50-Sn-108

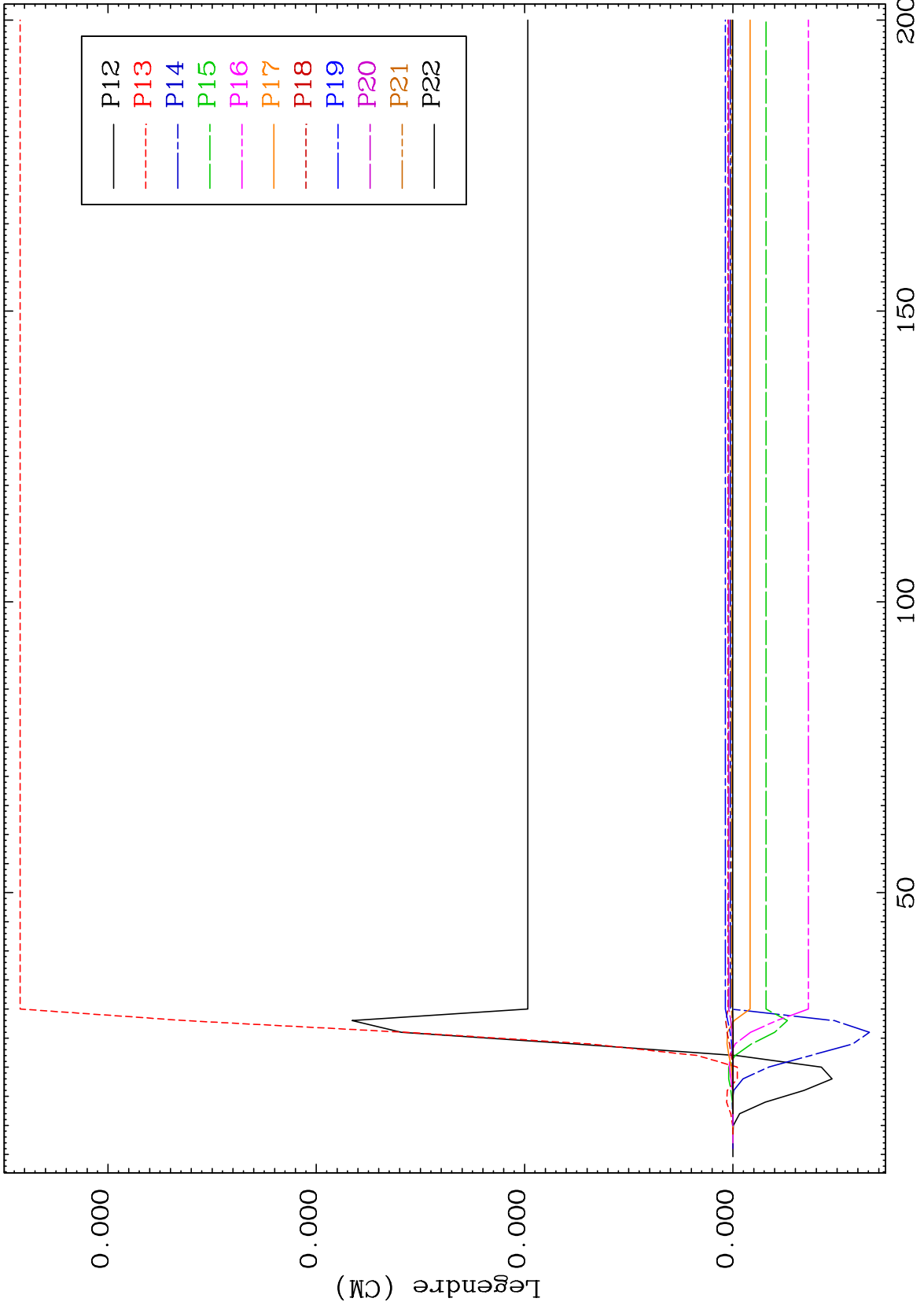


70

Incident Energy (MeV)

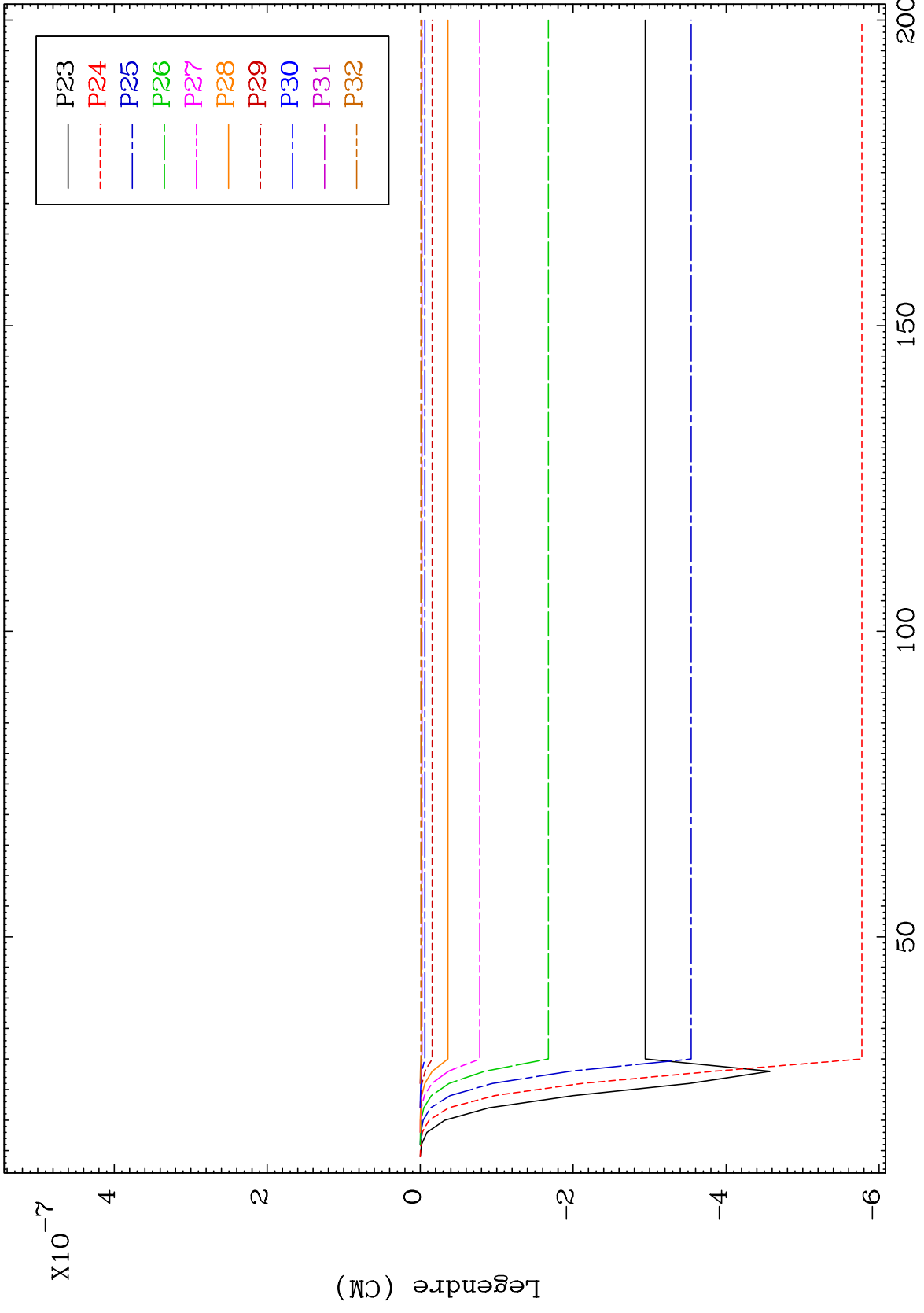
50-Sn-108

MAT 5013 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-108





MAT 5013 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-108

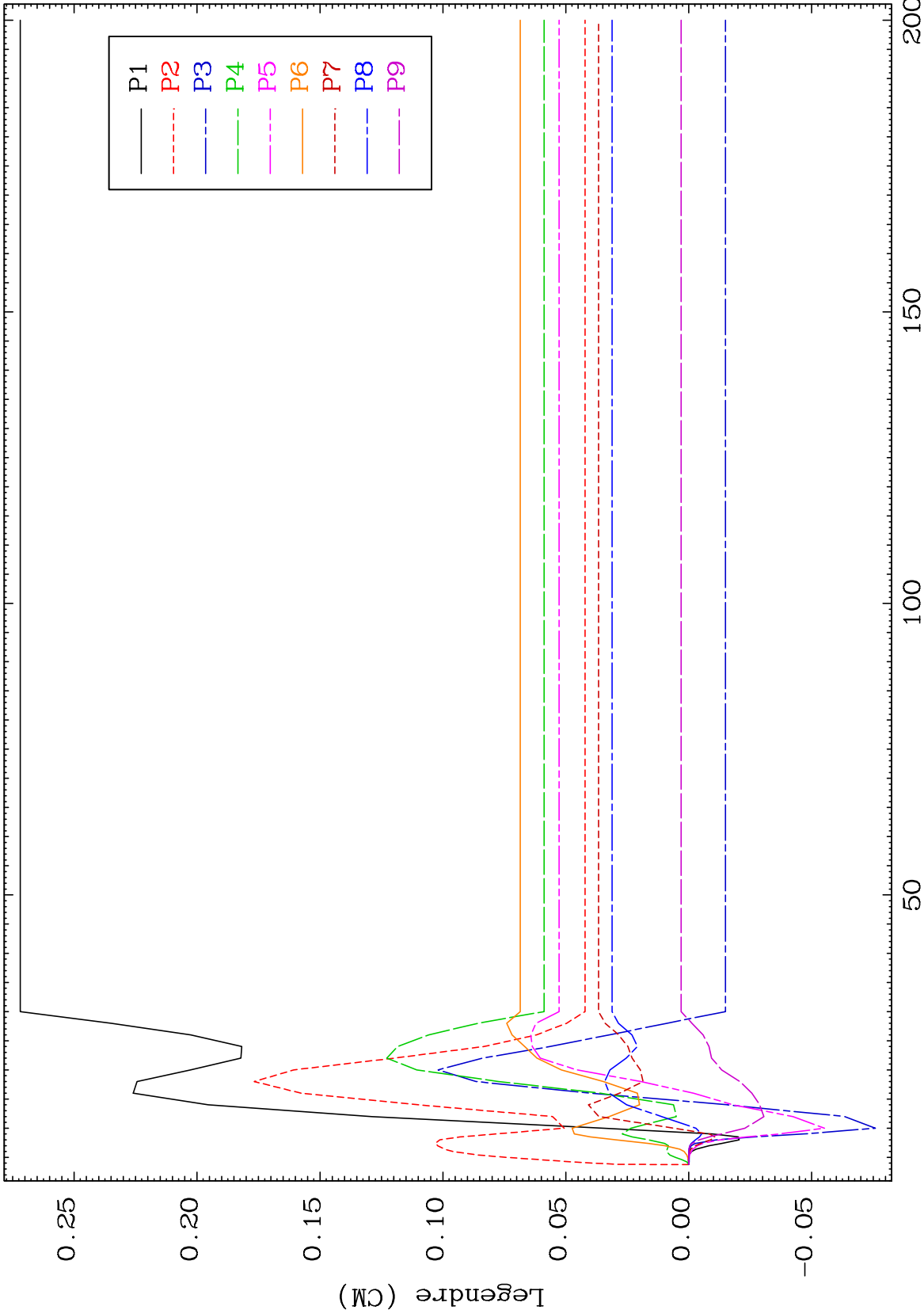


72 50-Sn-108

MAT 5013

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

50-Sn-108

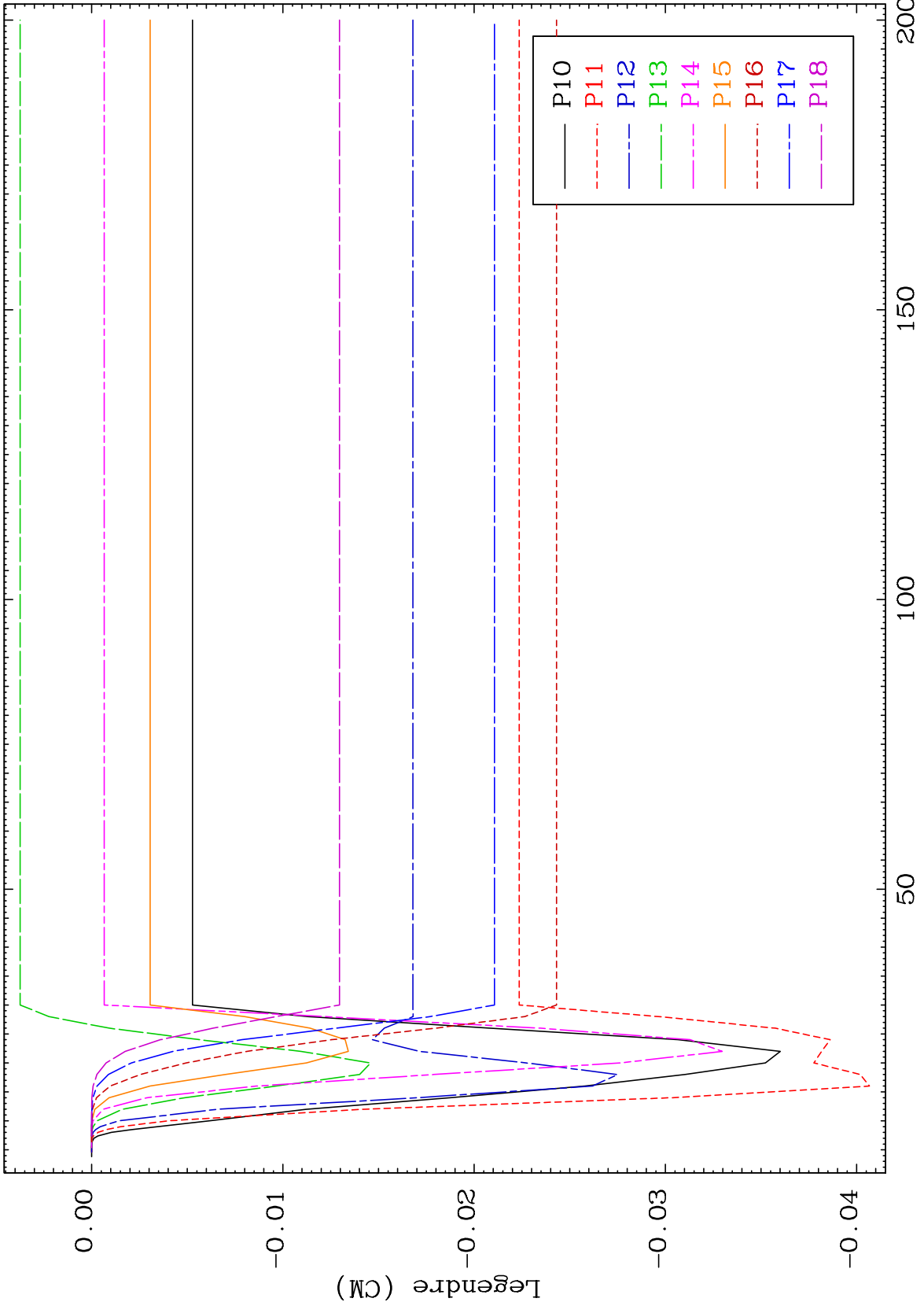


73

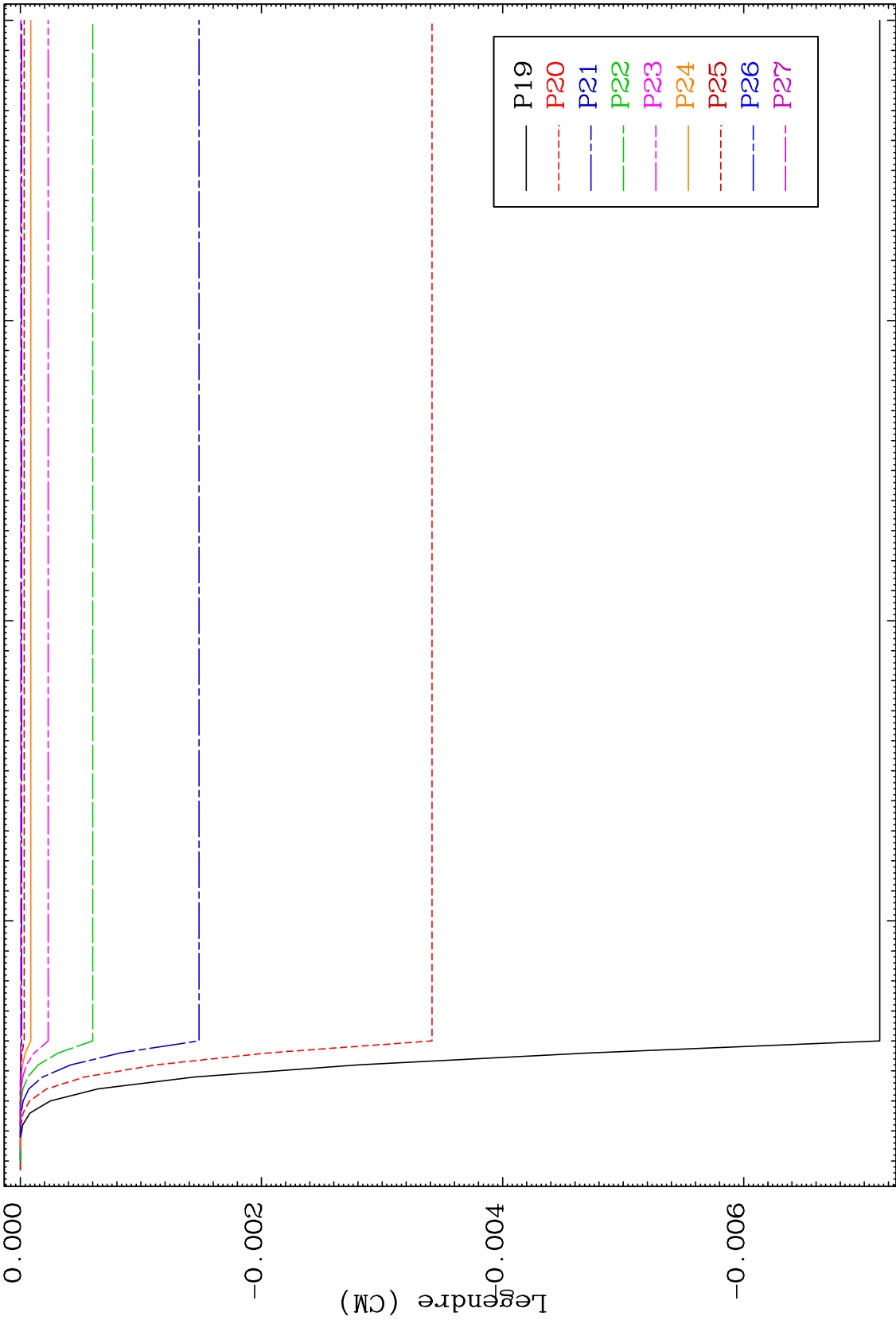
Incident Energy (MeV)

50-Sn-108

MAT 5013 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-108

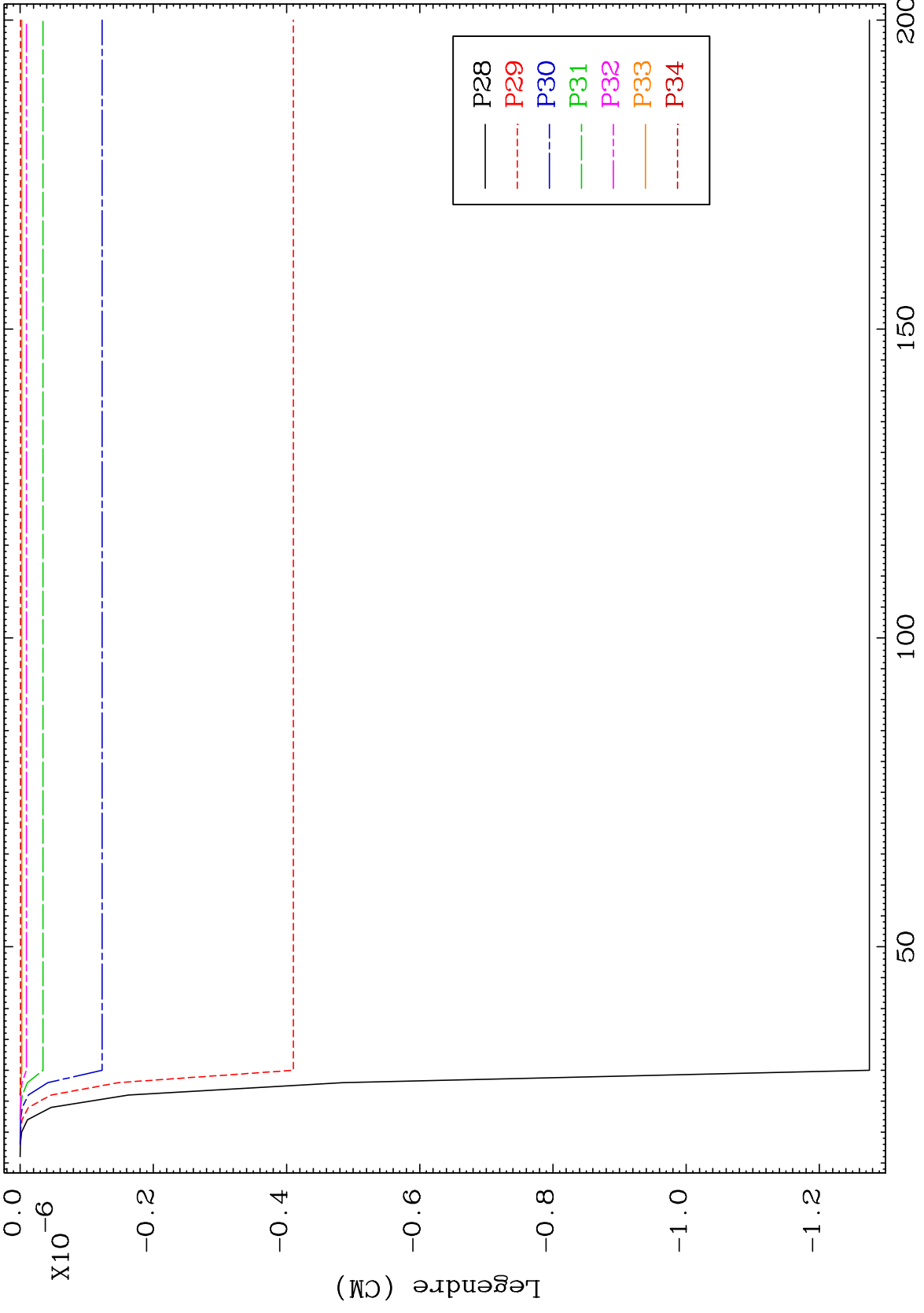


MAT 5013 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-108



75 Incident Energy (MeV) 50-Sn-108

MAT 5013 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-108



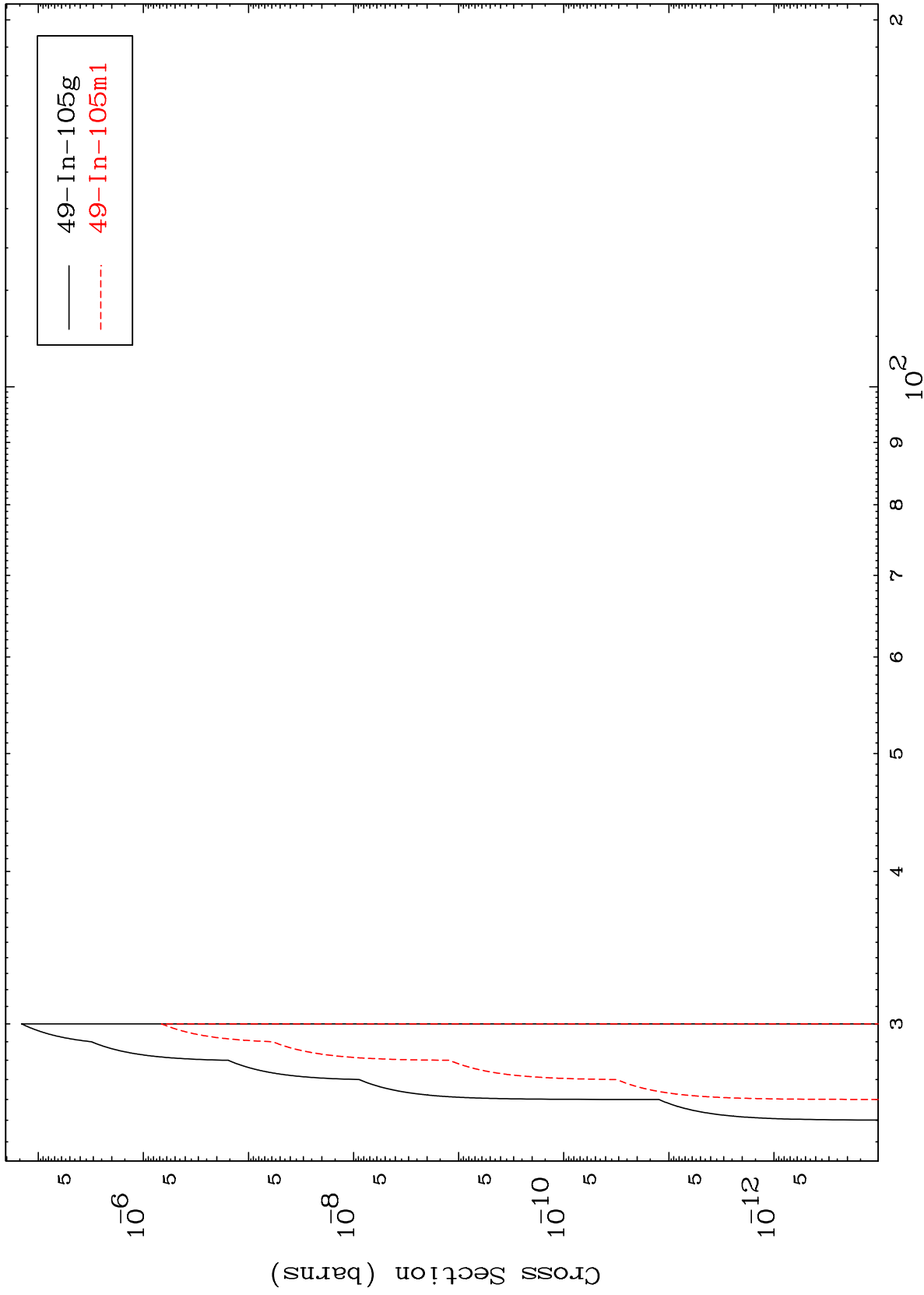
76 Incident Energy (MeV) 50-Sn-108

MAT 5013

(n,2n) d

50-Sn-108

Radionuclide Production Cross Section



77

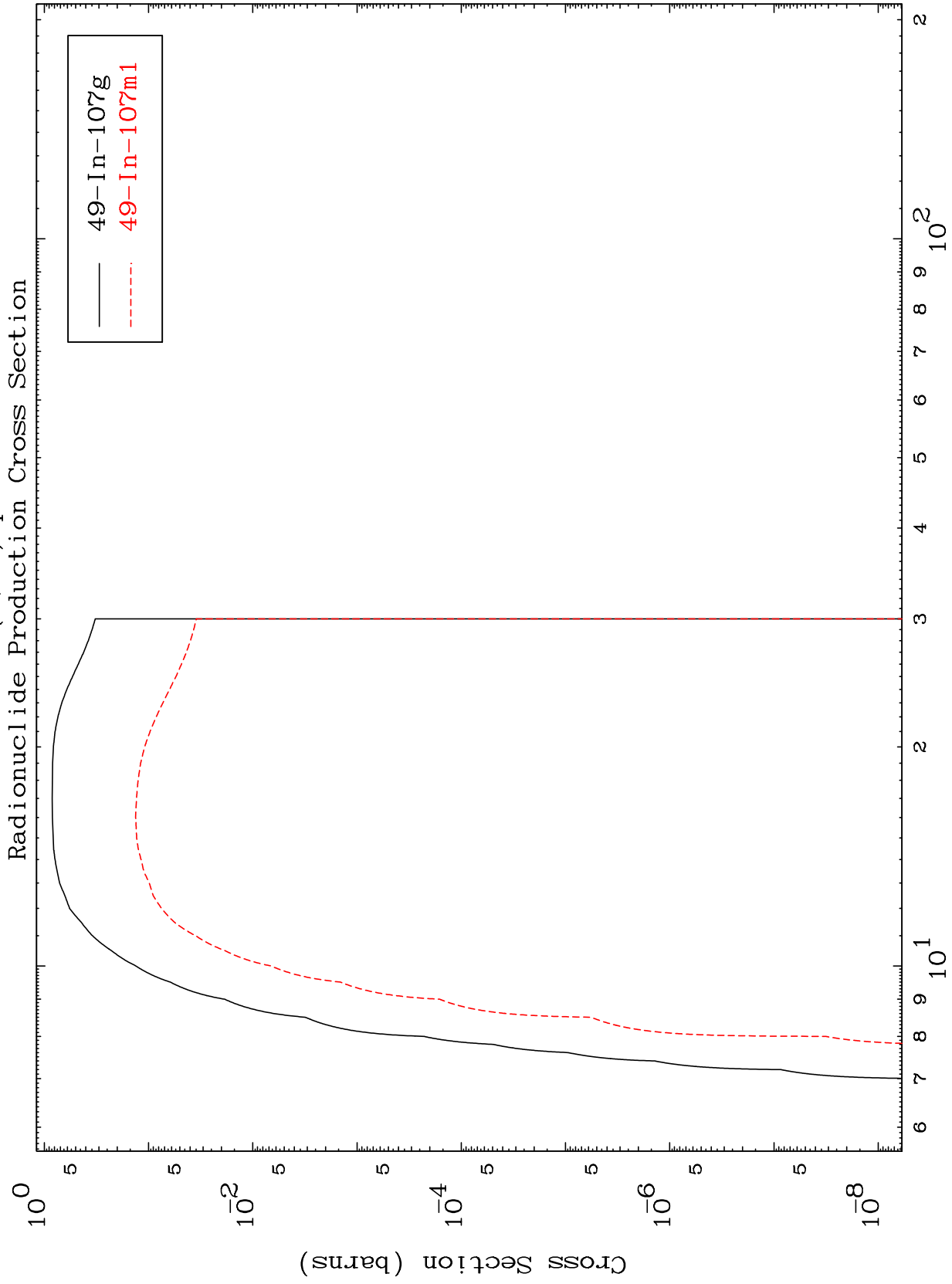
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,n') p

50-Sn-108



78

Incident Energy (MeV)

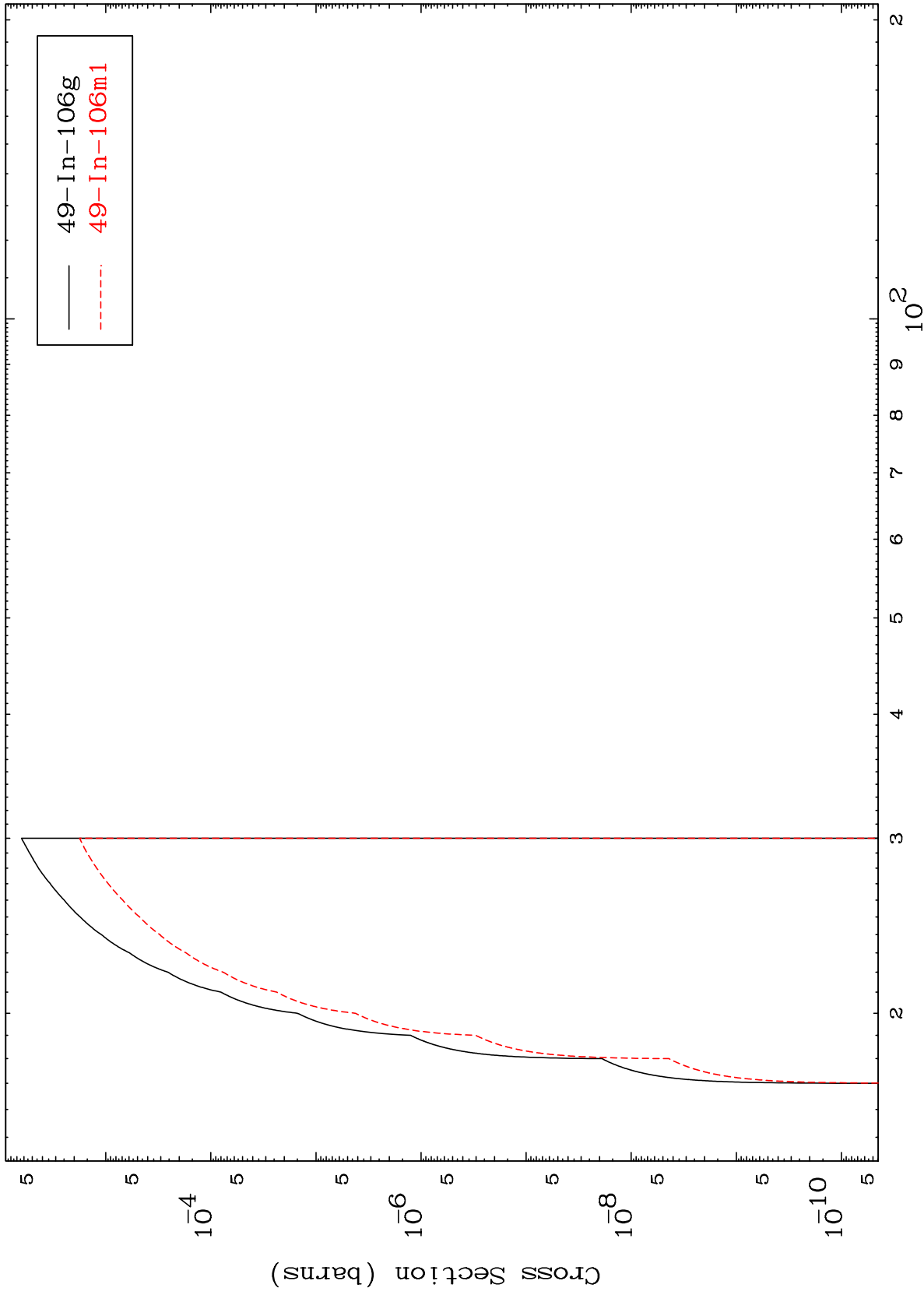
50-Sn-108

MAT 5013

(n,n') d

50-Sn-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

50-Sn-108

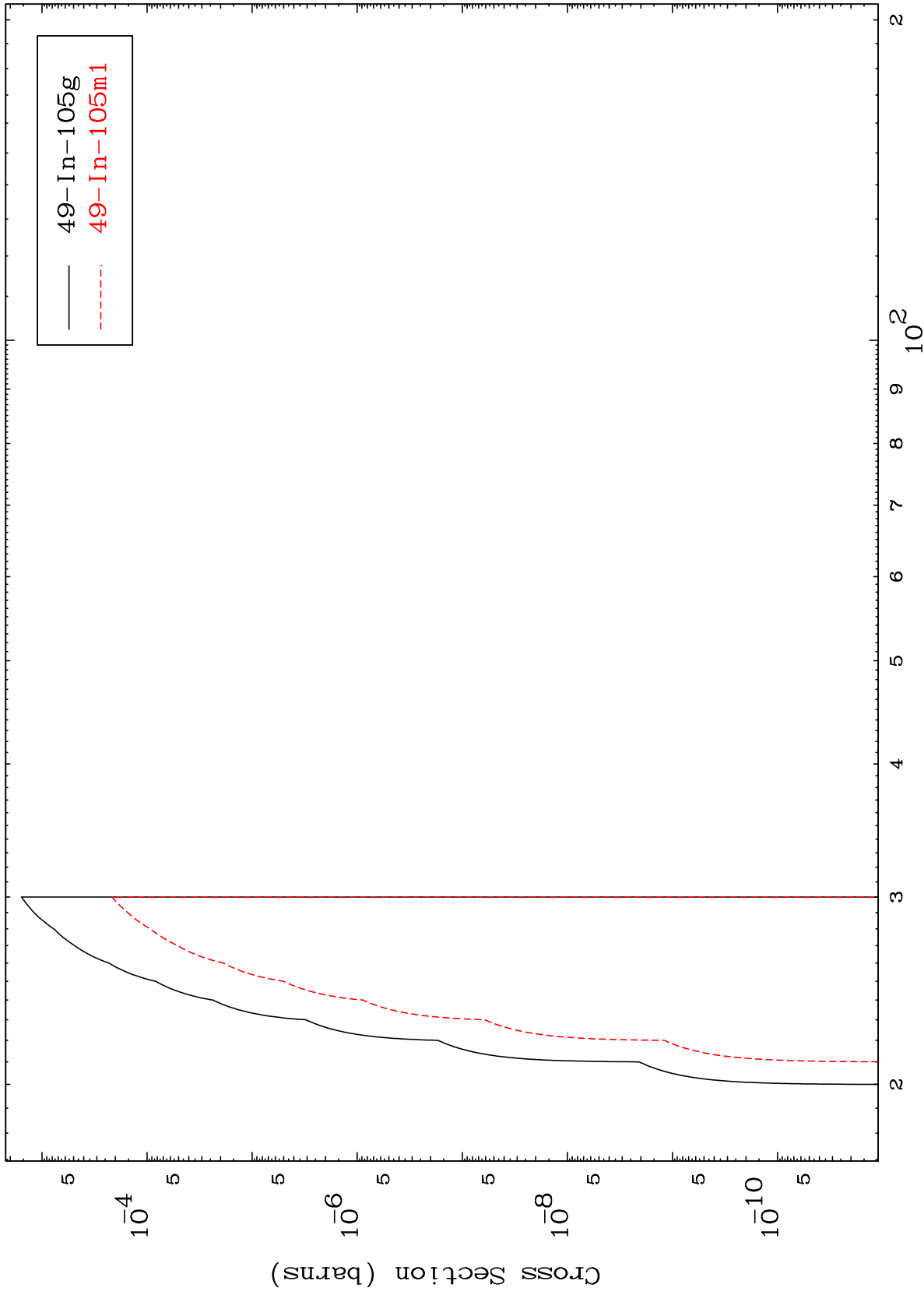


MAT 5013

(n,n') t

50-Sn-108

Radionuclide Production Cross Section

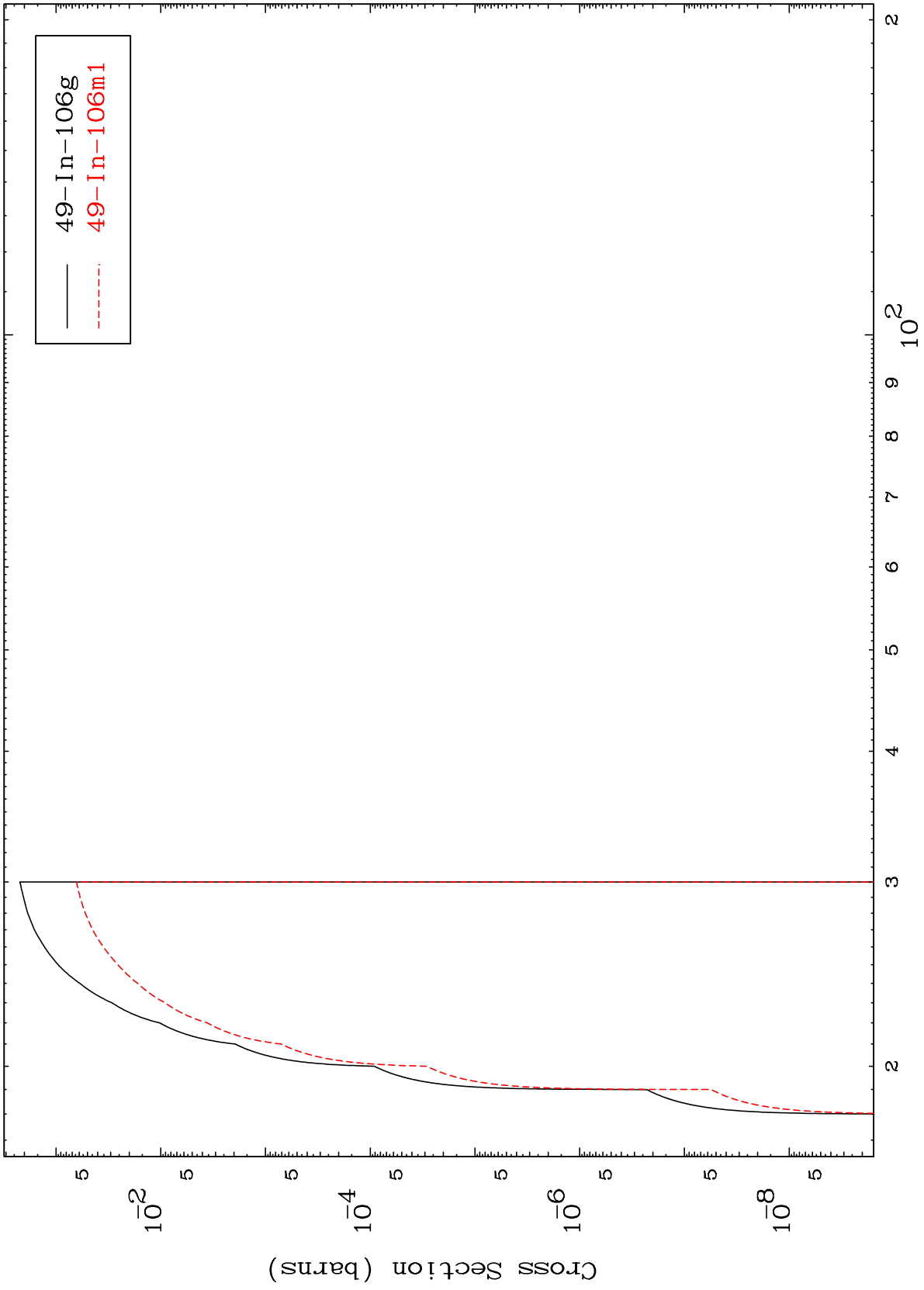


80

Incident Energy (MeV)

50-Sn-108

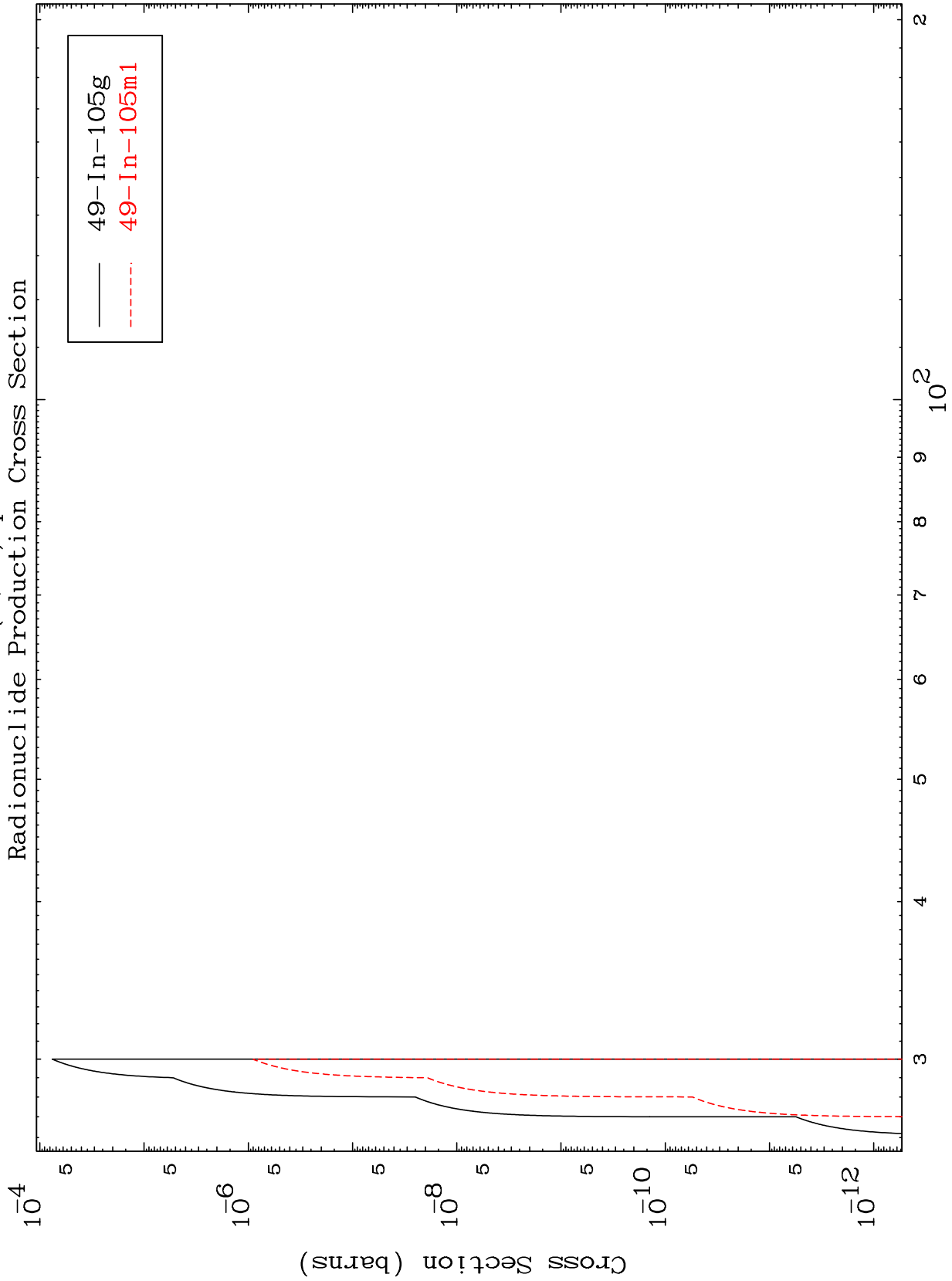
Radionuclide Production Cross Section



MAT 5013

(n,3n) p

50-Sn-108



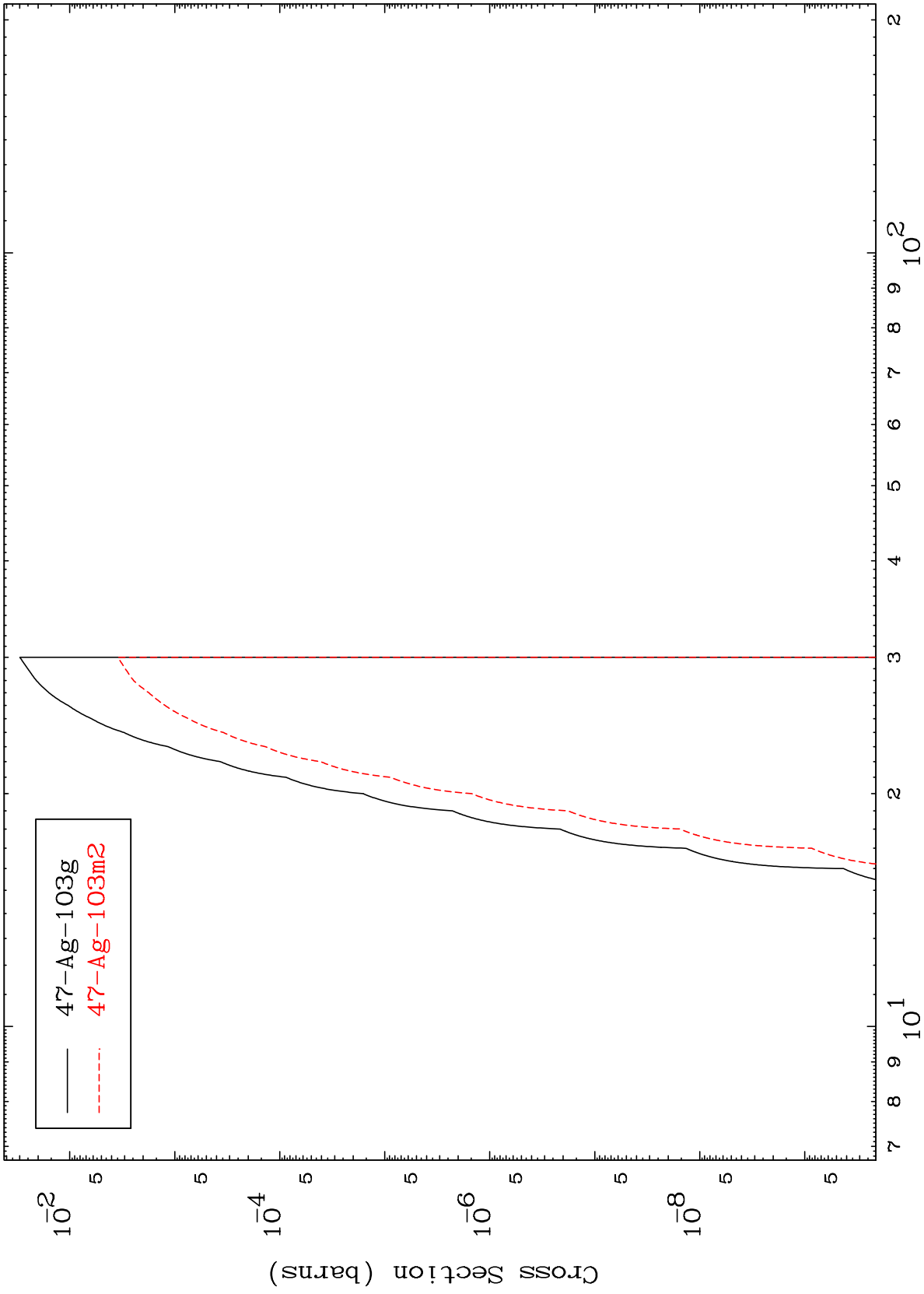
82

50-Sn-108

MAT 5013

50-Sn-108

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



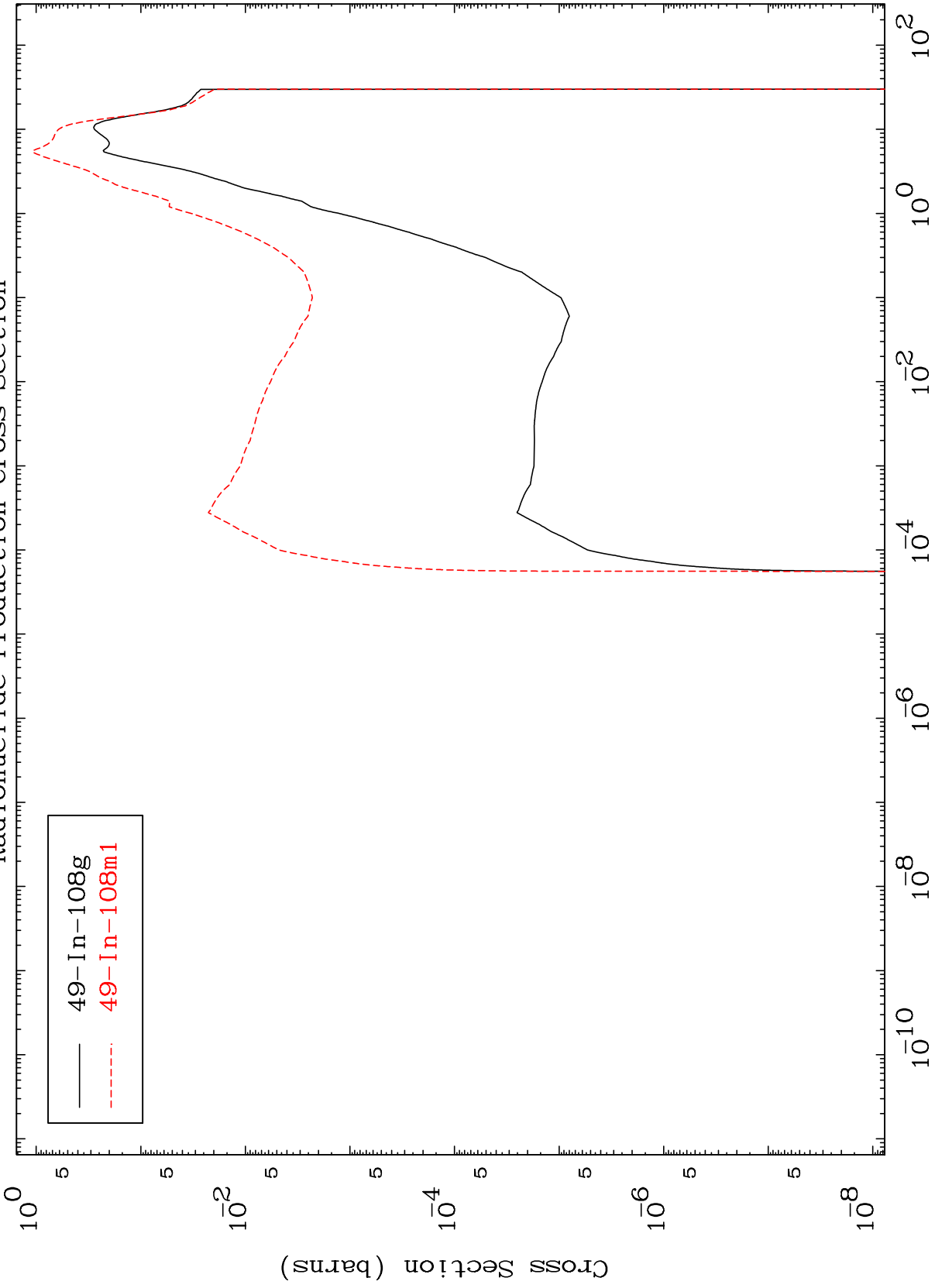
83

50-Sn-108

MAT 5013

(n,p)  
Radionuclide Production Cross Section

50-Sn-108

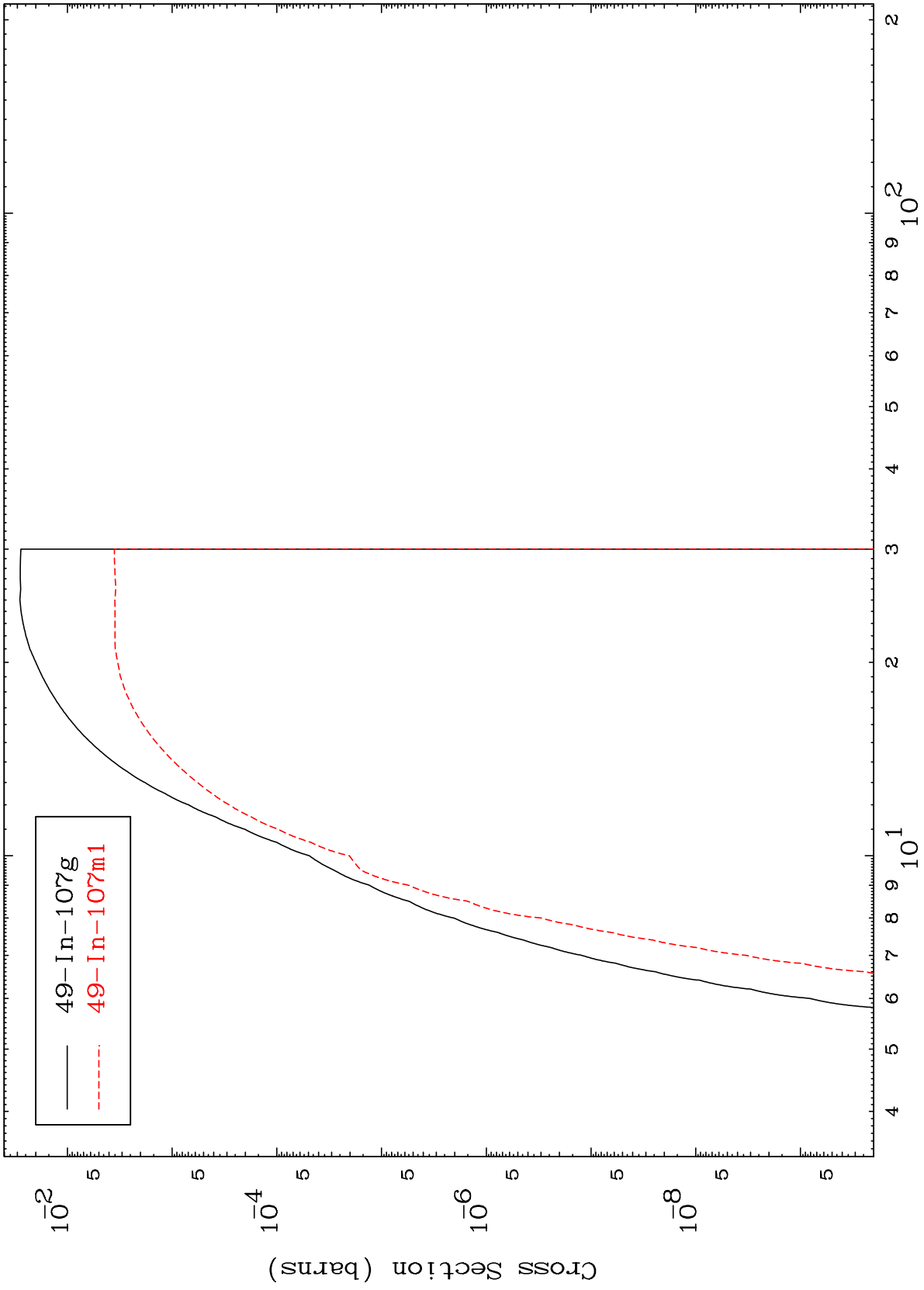


— 49-In-108g  
- - - 49-In-108m1

MAT 5013

(n,d)  
Radionuclide Production Cross Section

50-Sn-108



85

Incident Energy (MeV)

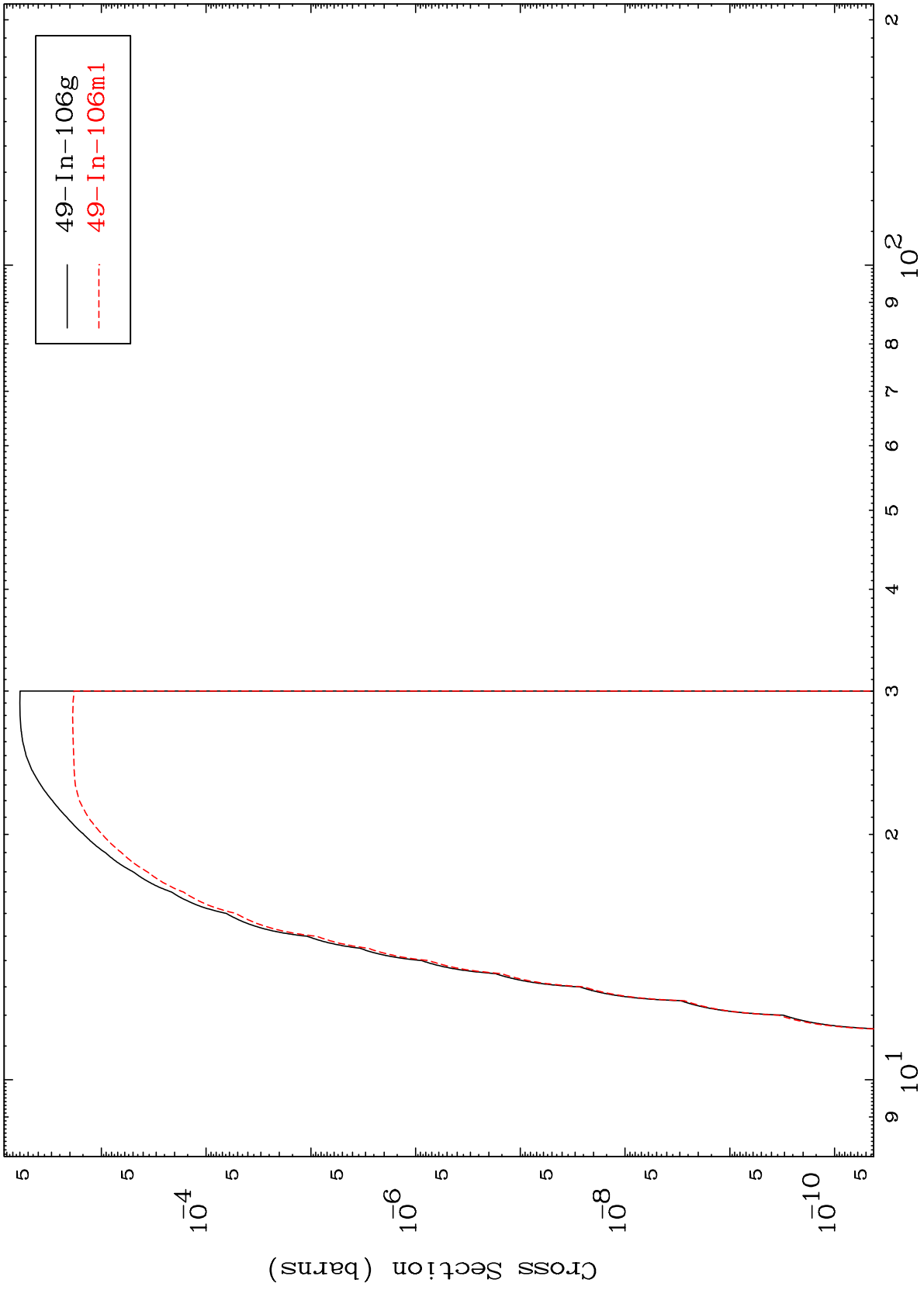
50-Sn-108

MAT 5013

(n, t)

50-Sn-108

Radionuclide Production Cross Section



86

Incident Energy (MeV)

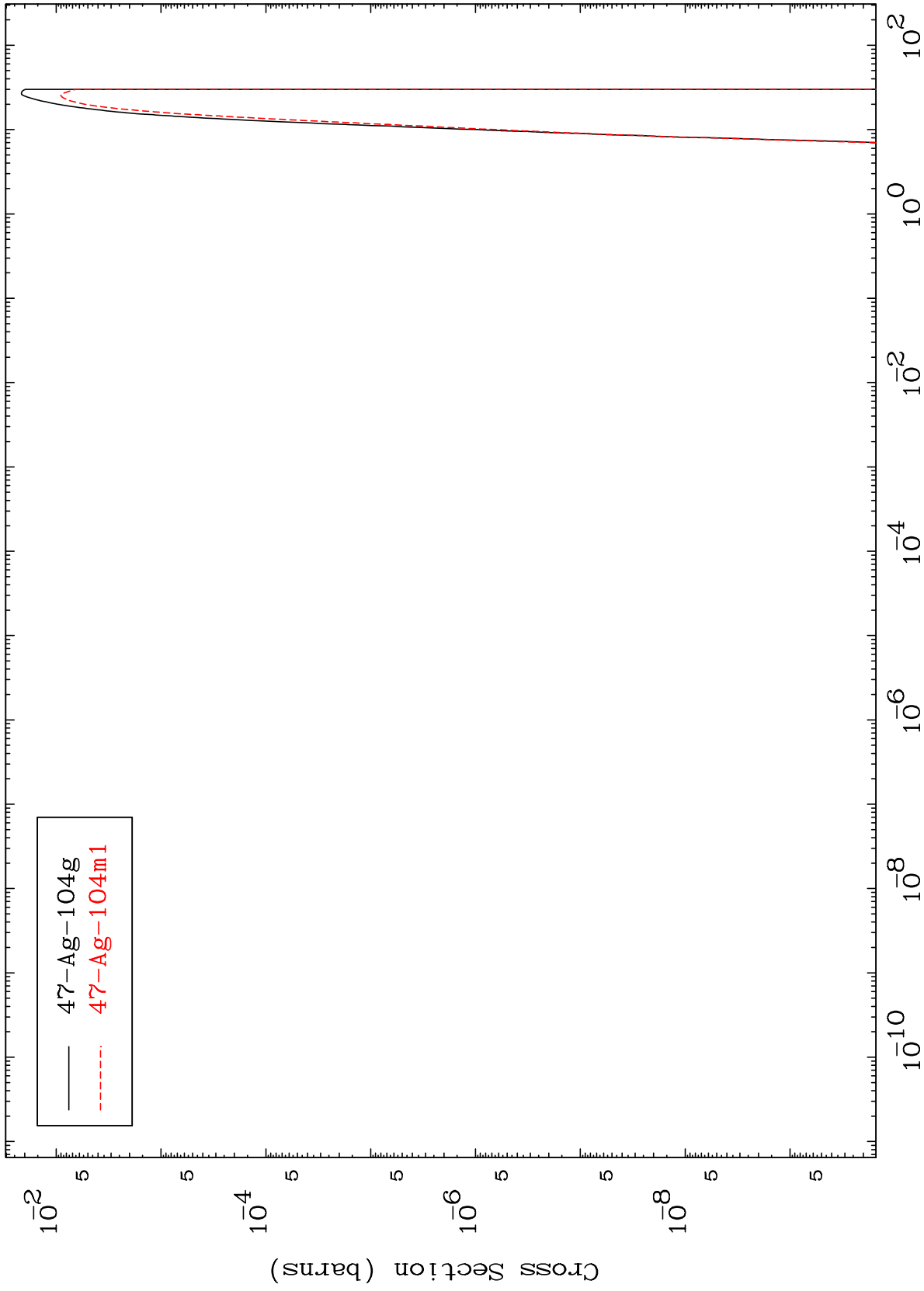
50-Sn-108

MAT 5013

(n,p)  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



87

Incident Energy (MeV)

50-Sn-108

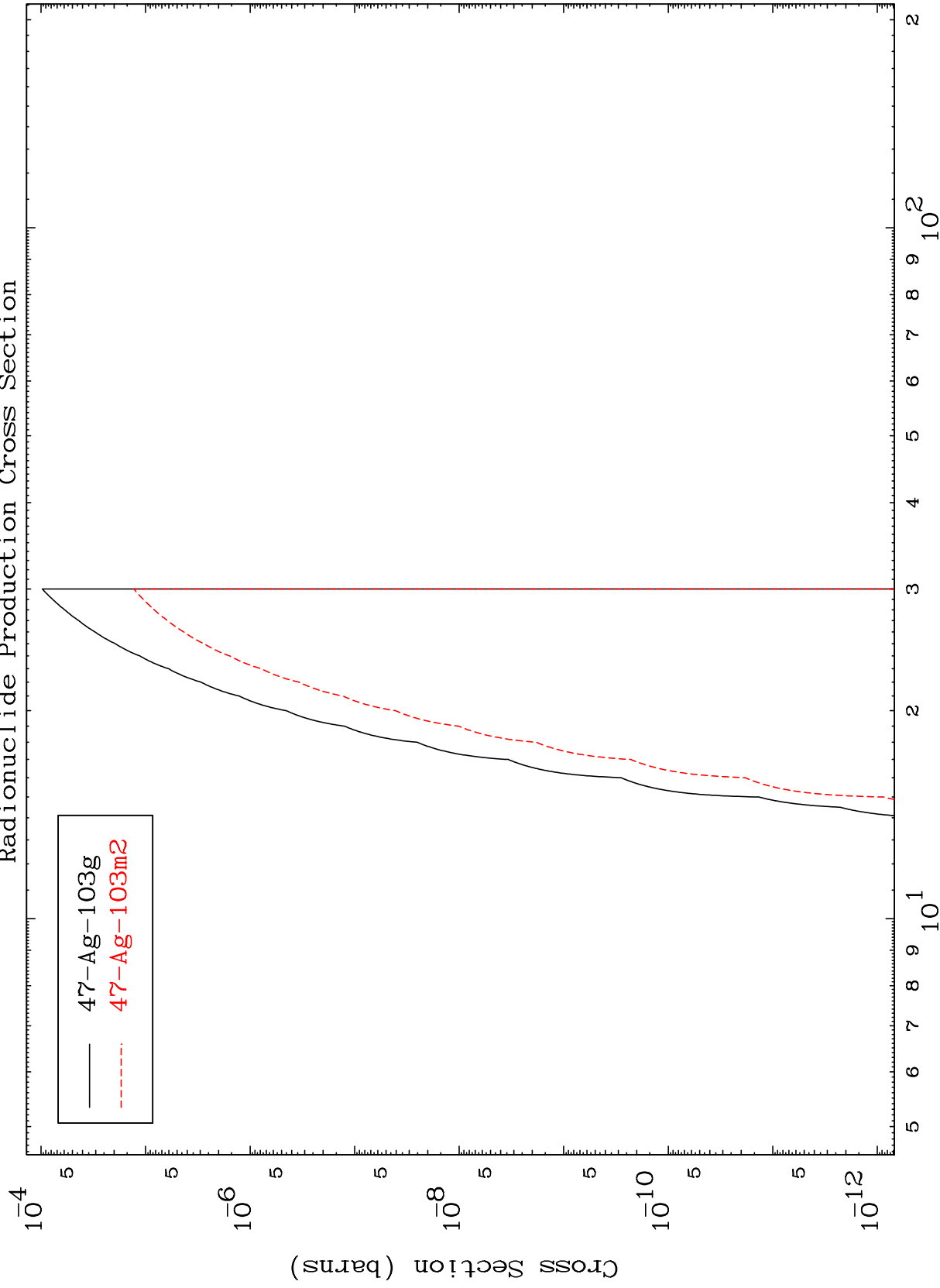


MAT 5013

(n,d)  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



88

Incident Energy (MeV)

50-Sn-108