

Program EVALPLOT  
(Version 2018-1)

by

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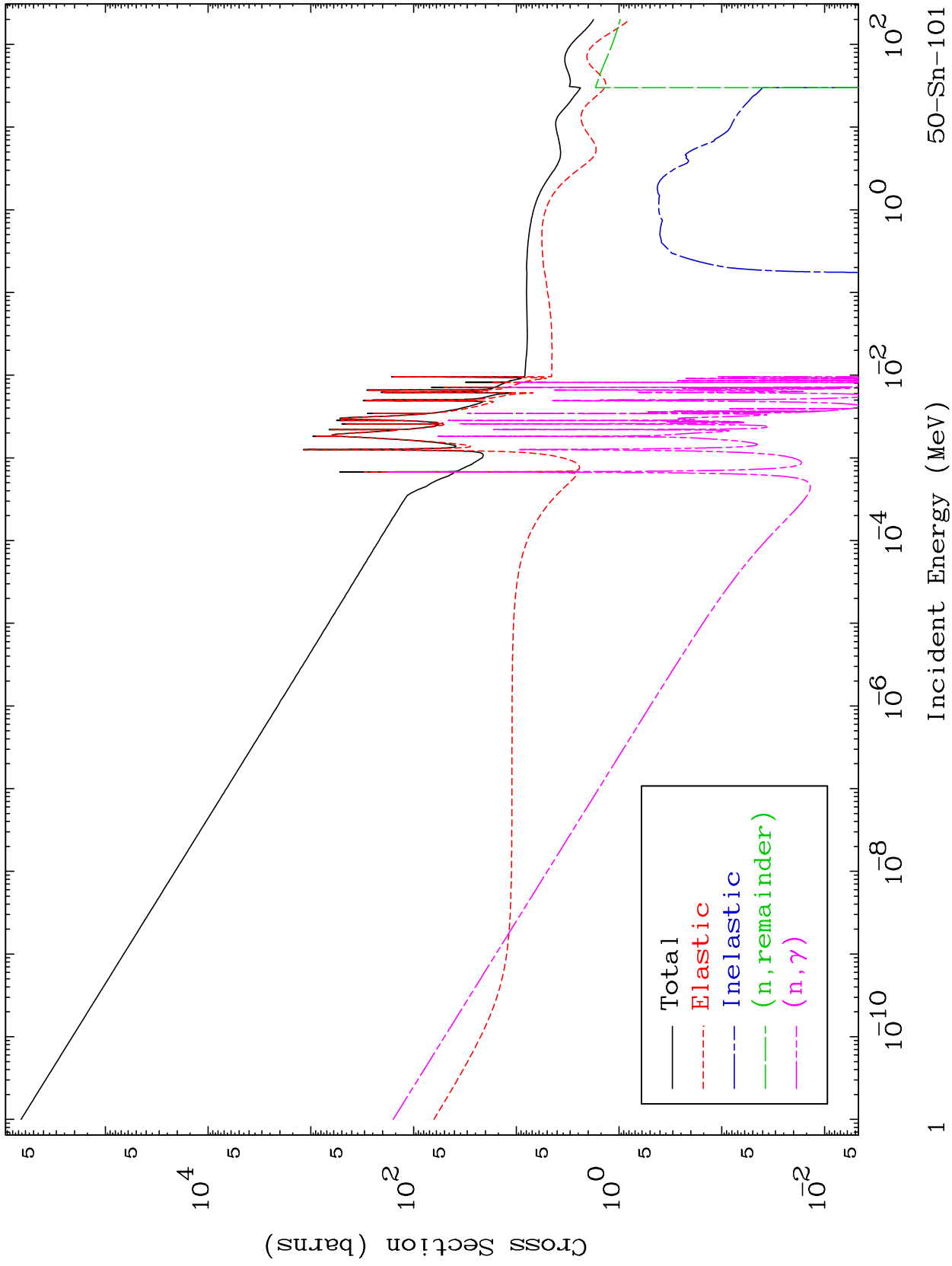
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4992

Major  
293 Kelvin Cross Sections

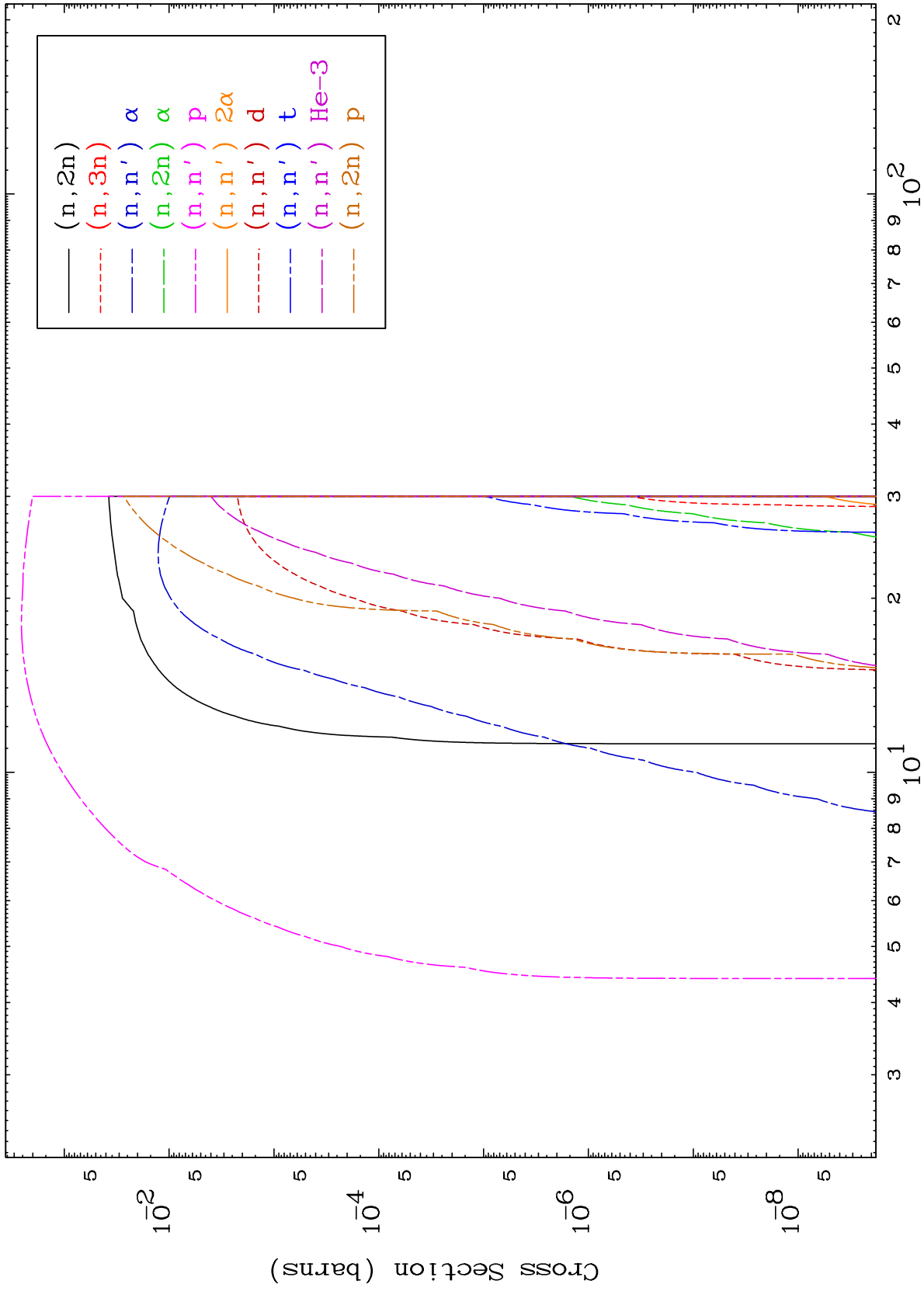
50-Sn-101



MAT 4992

Neutron Production  
293 Kelvin Cross Sections

50-Sn-101



2

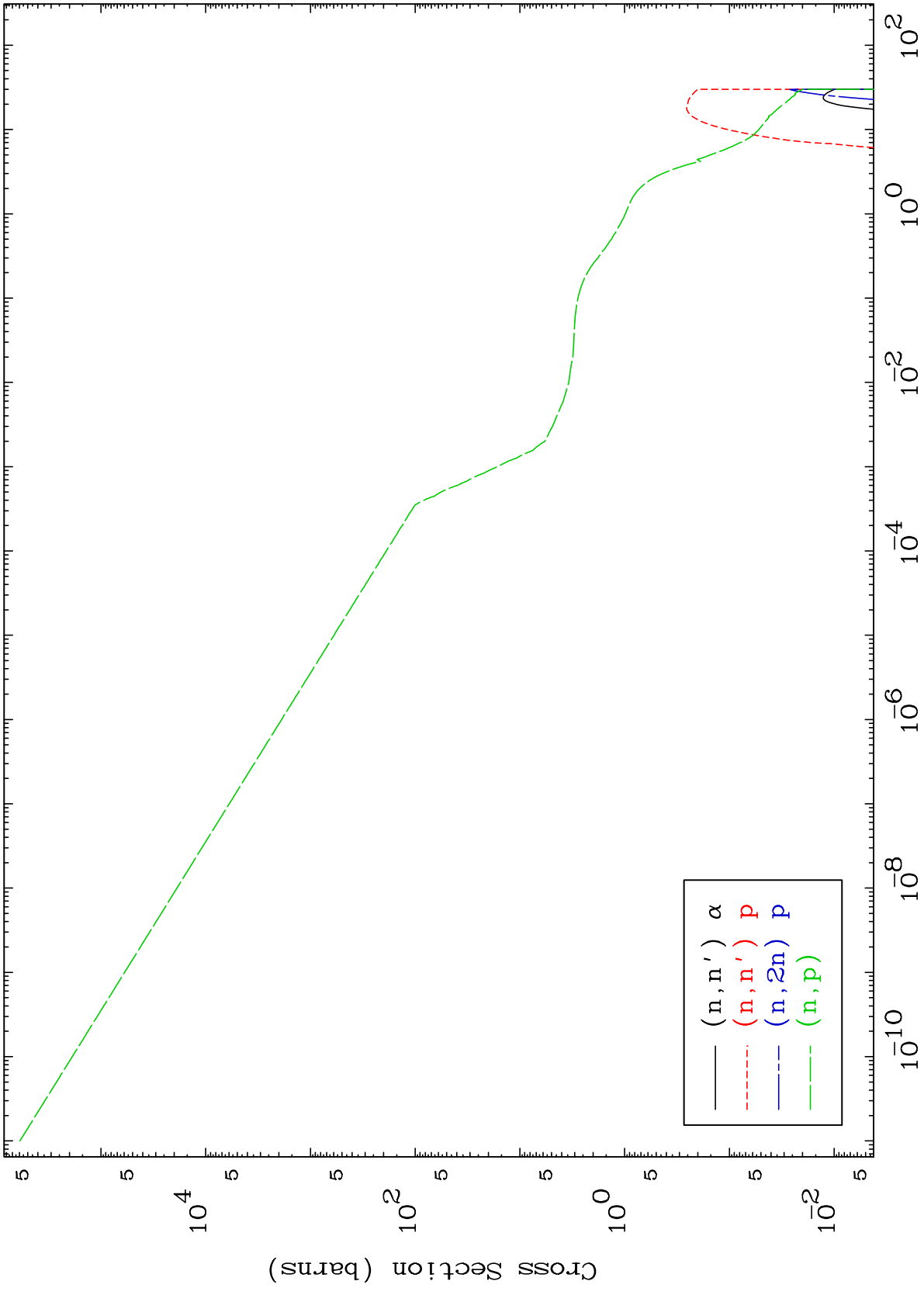
Incident Energy (MeV)

50-Sn-101

MAT 4992

Charged Particle  
293 Kelvin Cross Sections

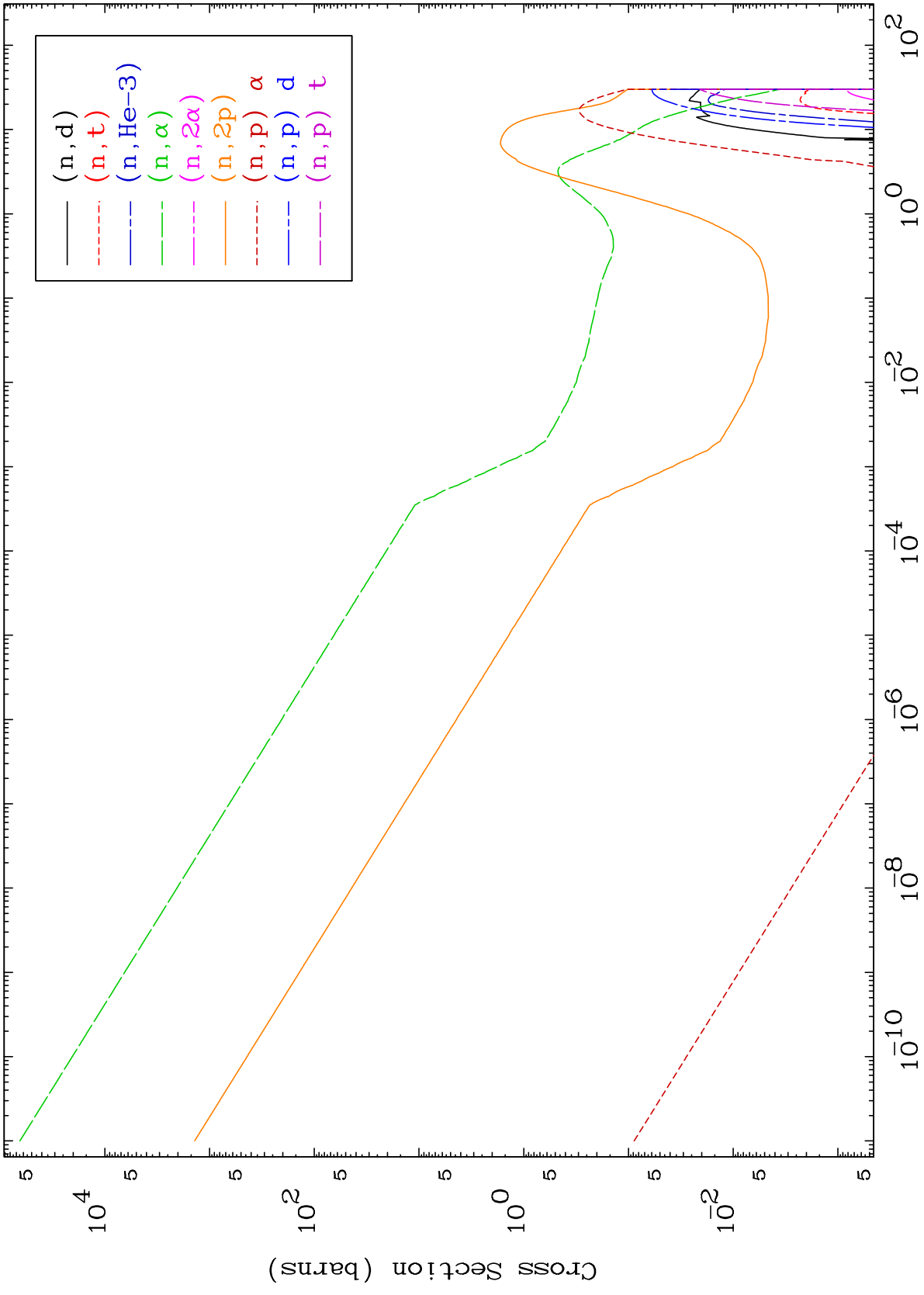
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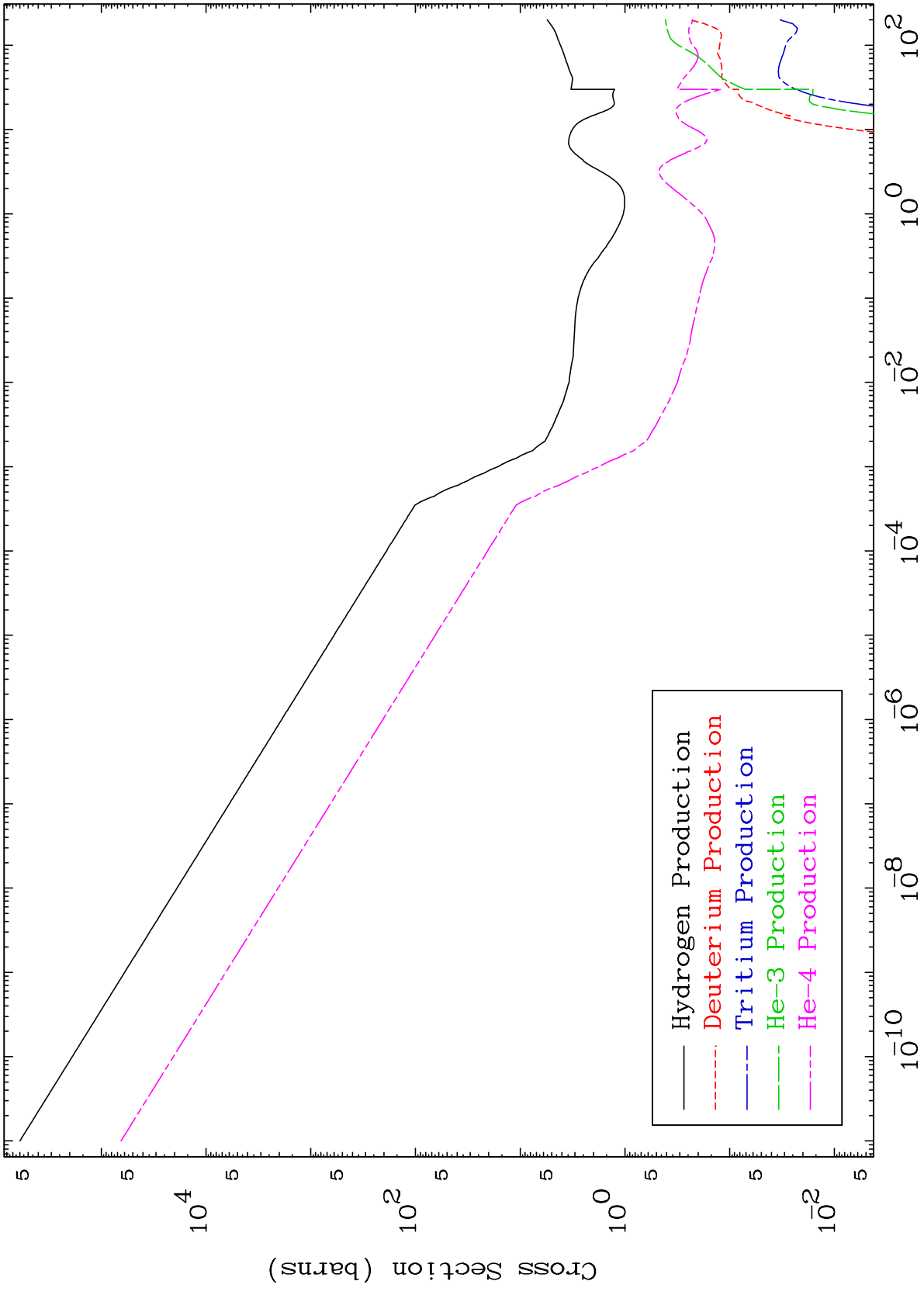


MAT 4992

293 Kelvin Cross Sections

50-Sn-101



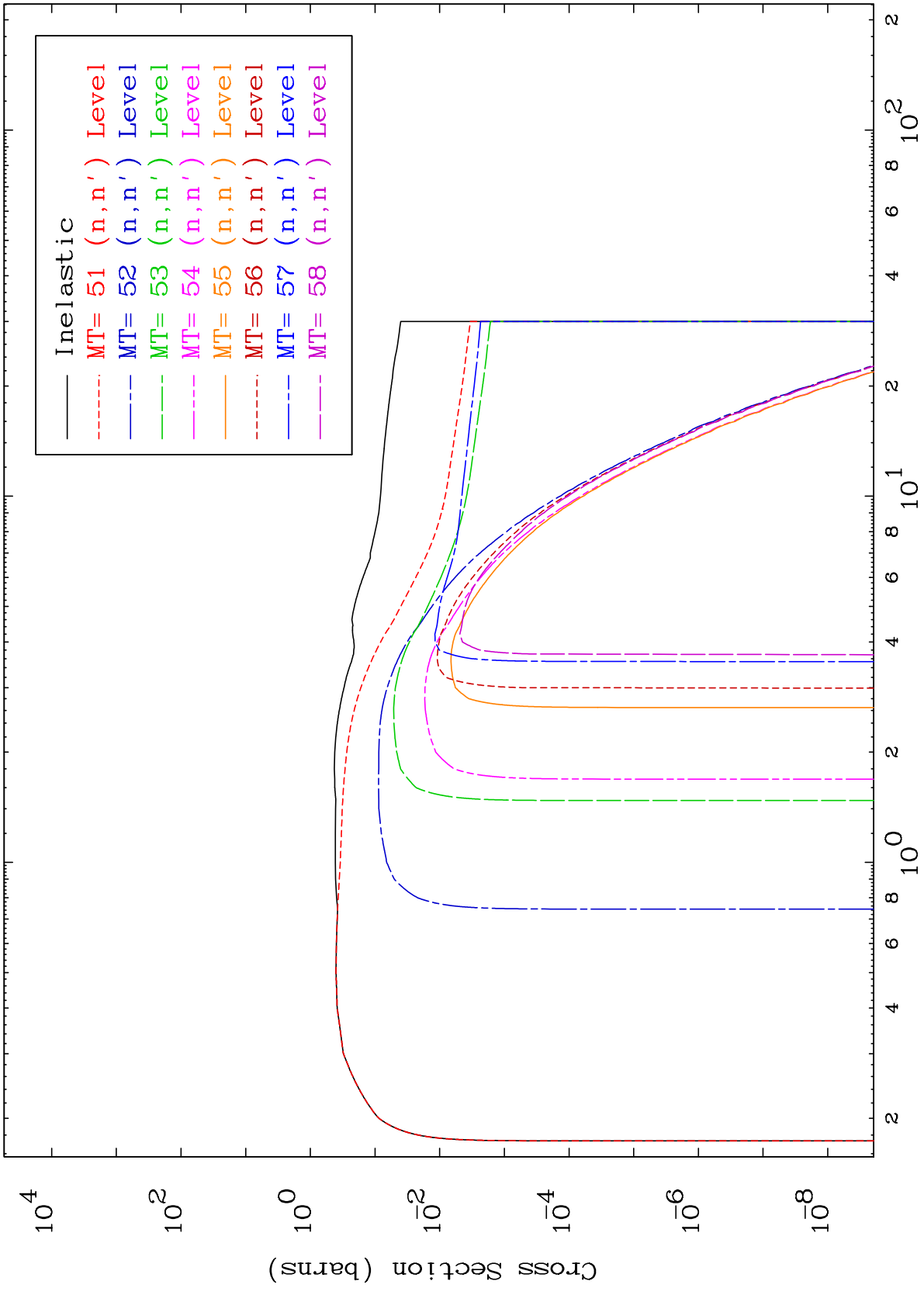


MAT 4992

(n,n') Level

50-Sn-101

293 Kelvin Cross Sections



6

Incident Energy (MeV)

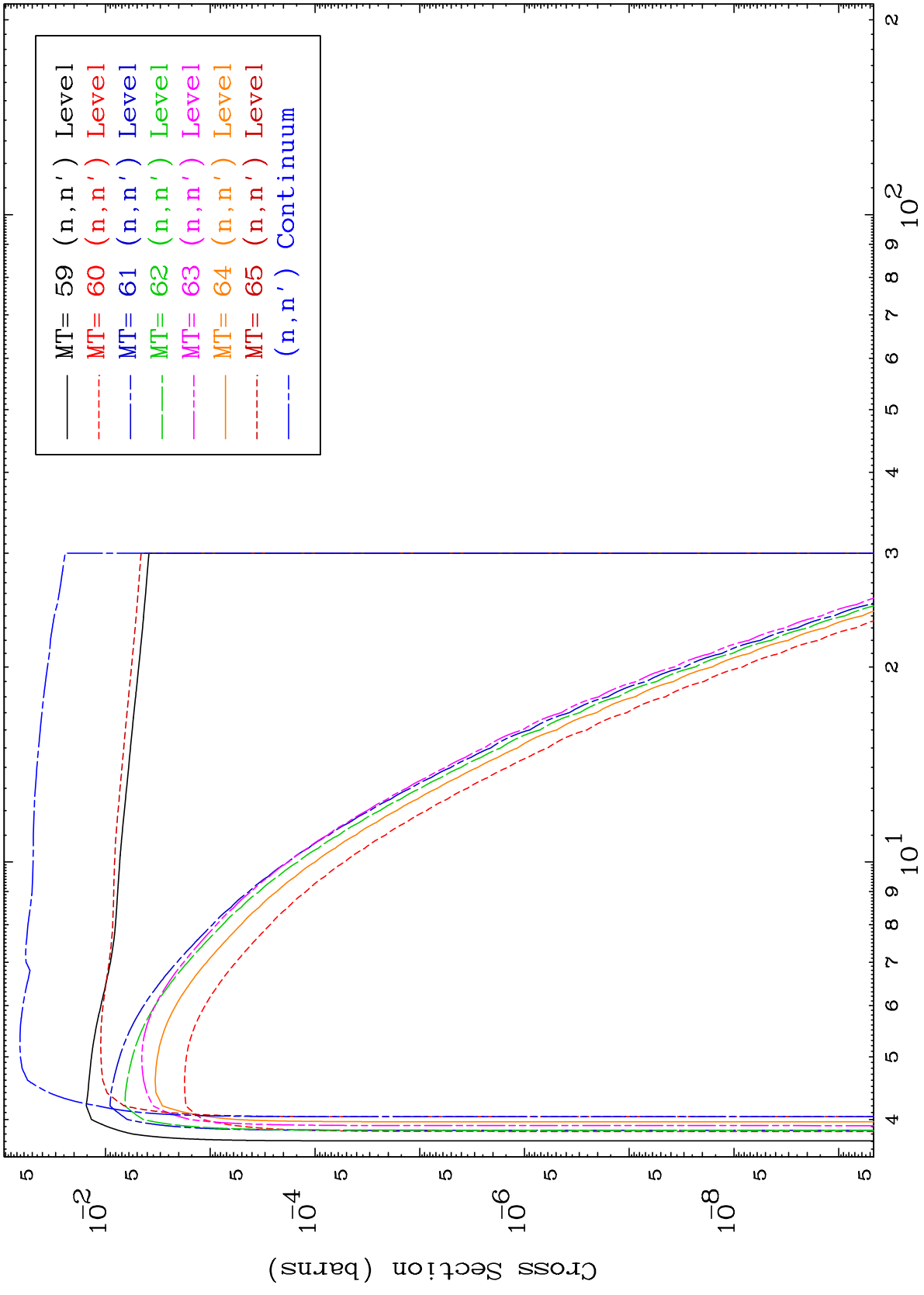
50-Sn-101

MAT 4992

(n,n') Level

50-Sn-101

293 Kelvin Cross Sections



7

Incident Energy (MeV)

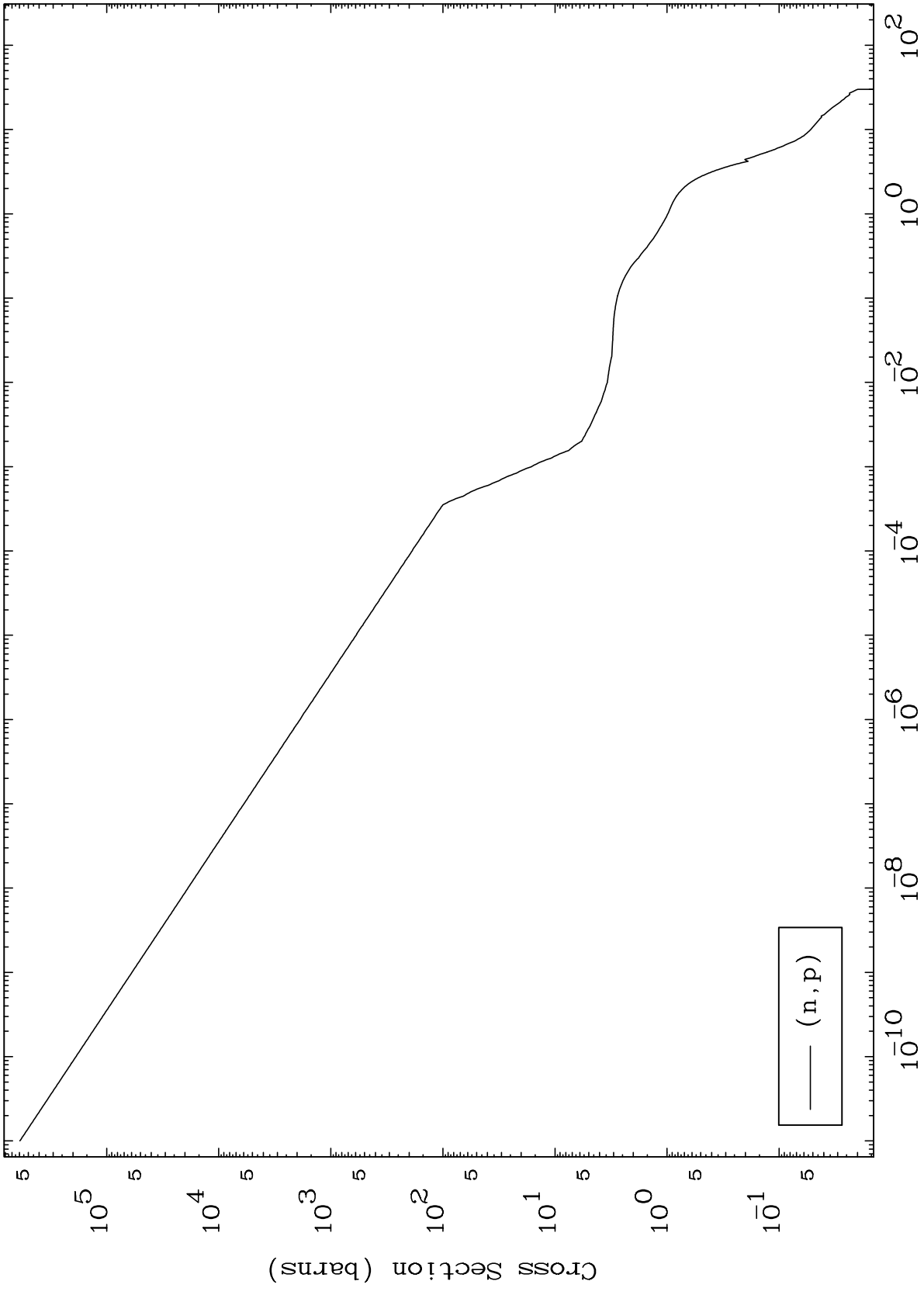
50-Sn-101



MAT 4992

(n,p) Levels  
293 Kelvin Cross Sections

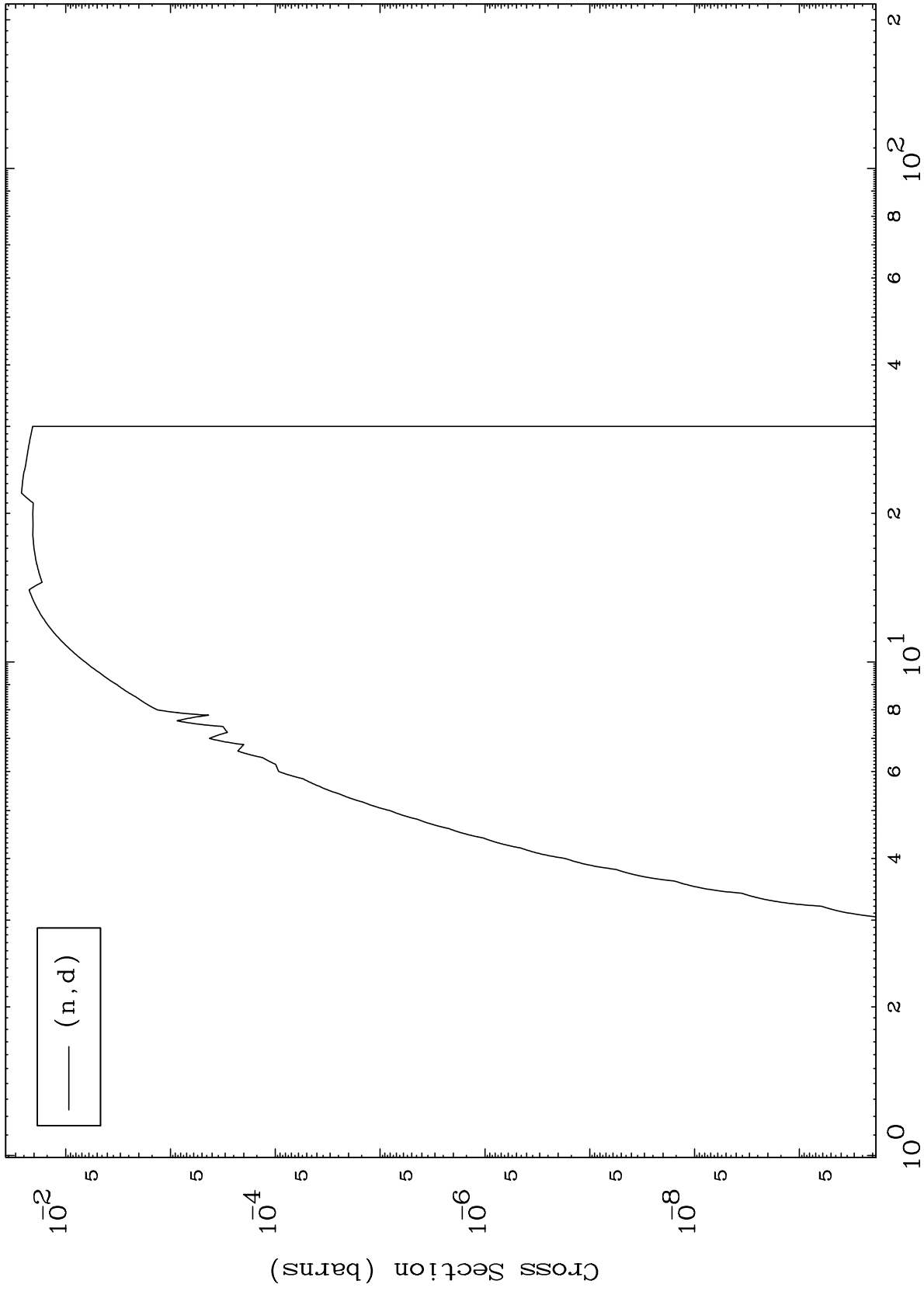
50-Sn-101



MAT 4992

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-101



9

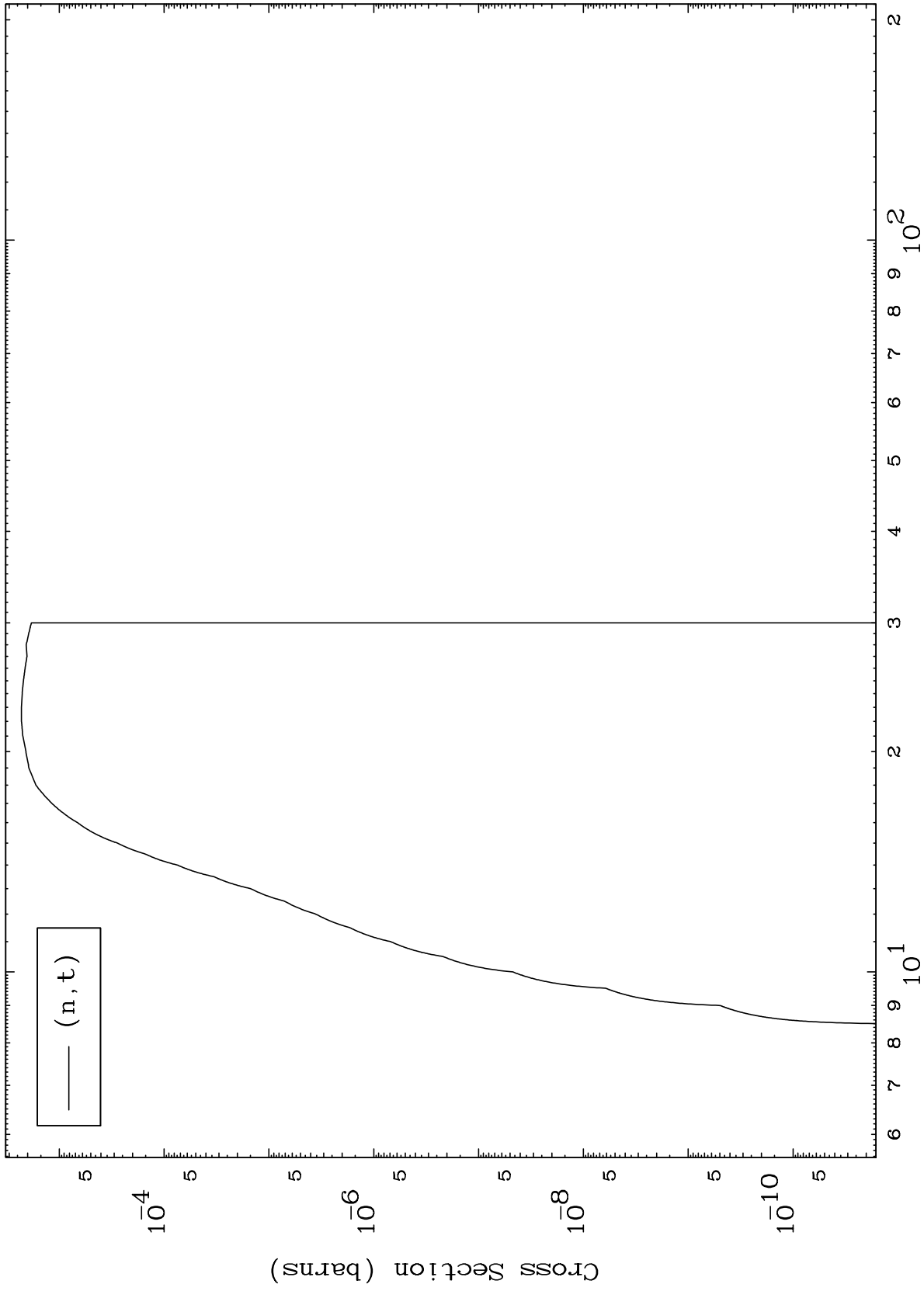
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-101



10

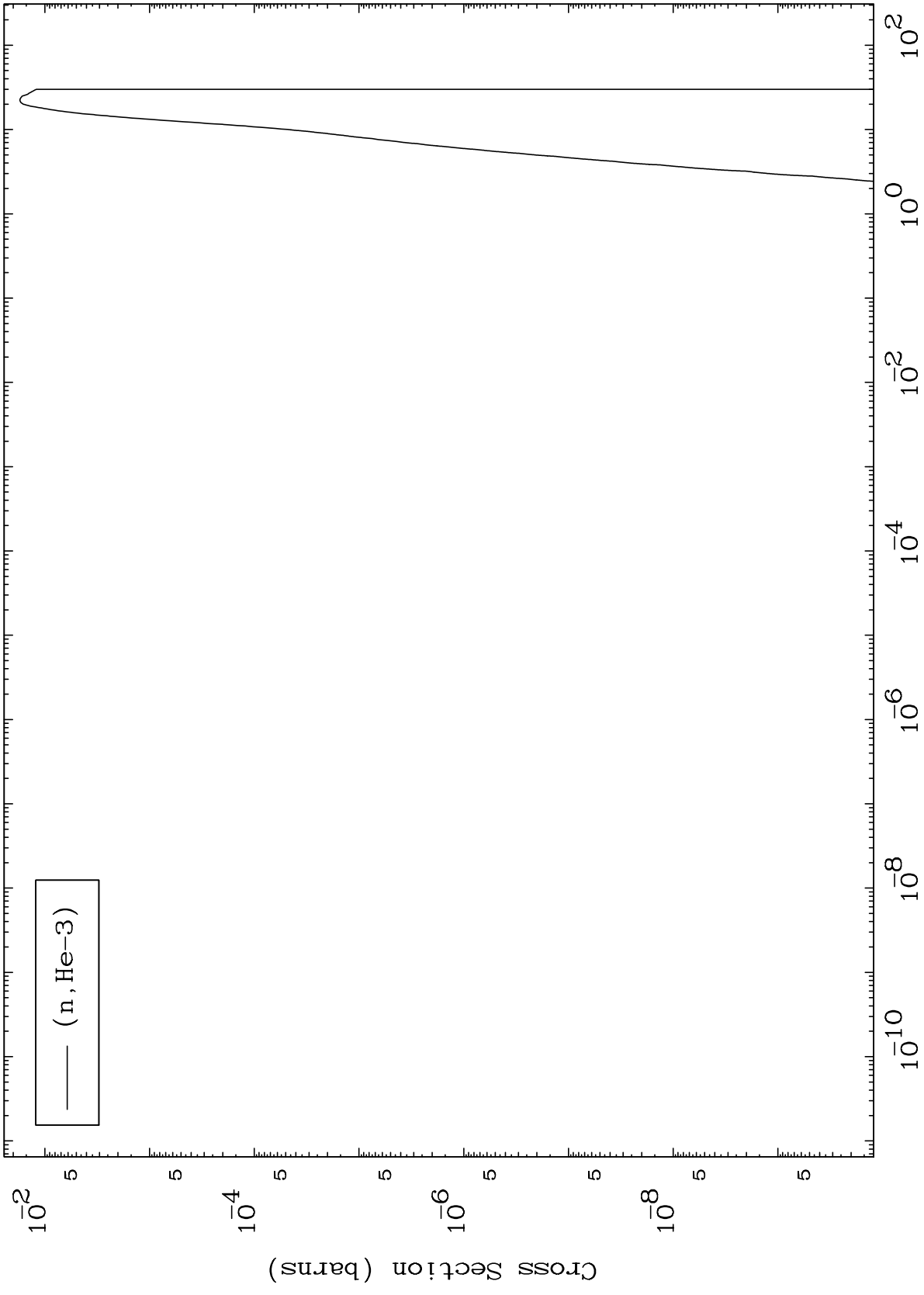
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,He3) Levels  
293 Kelvin Cross Sections

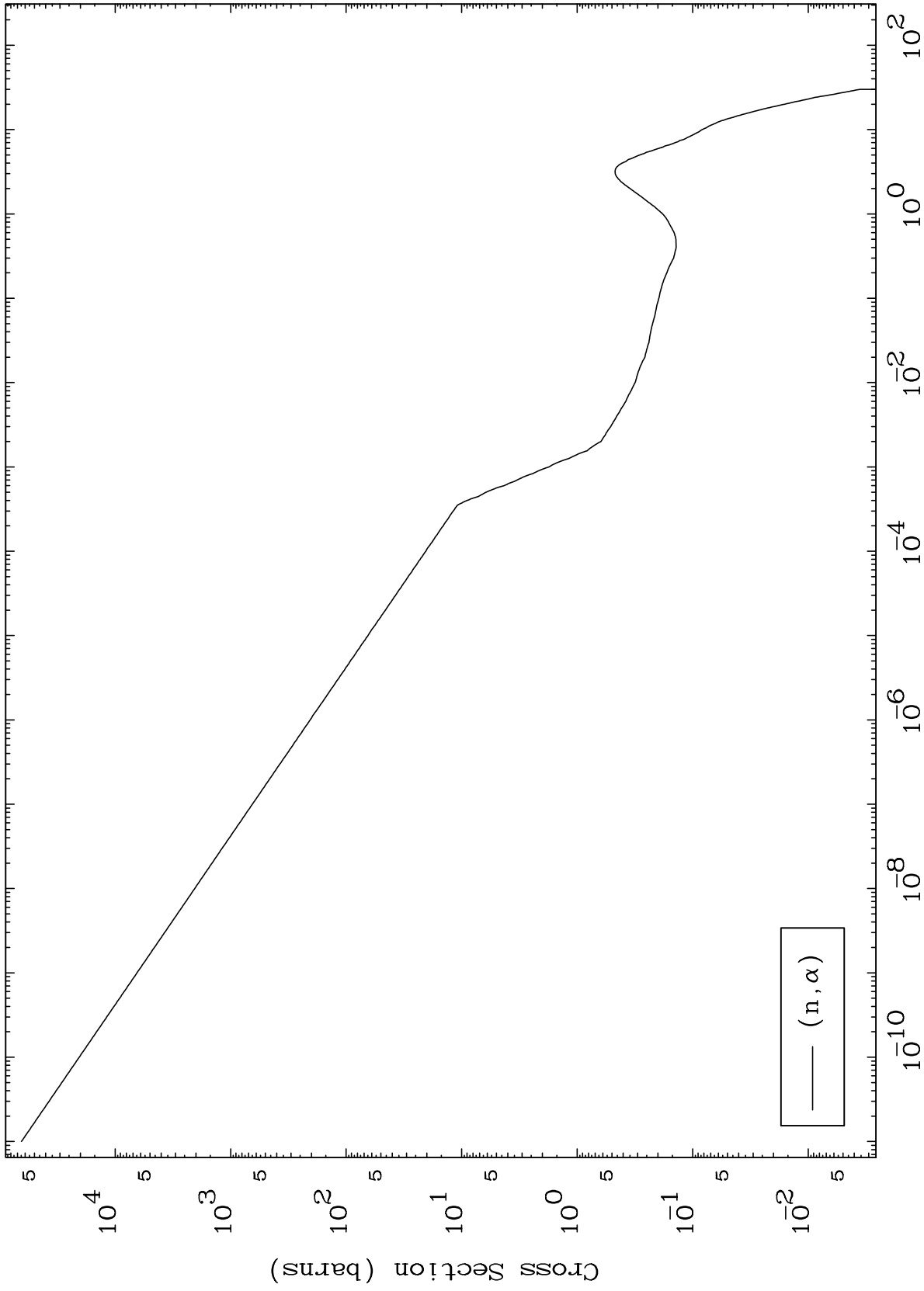
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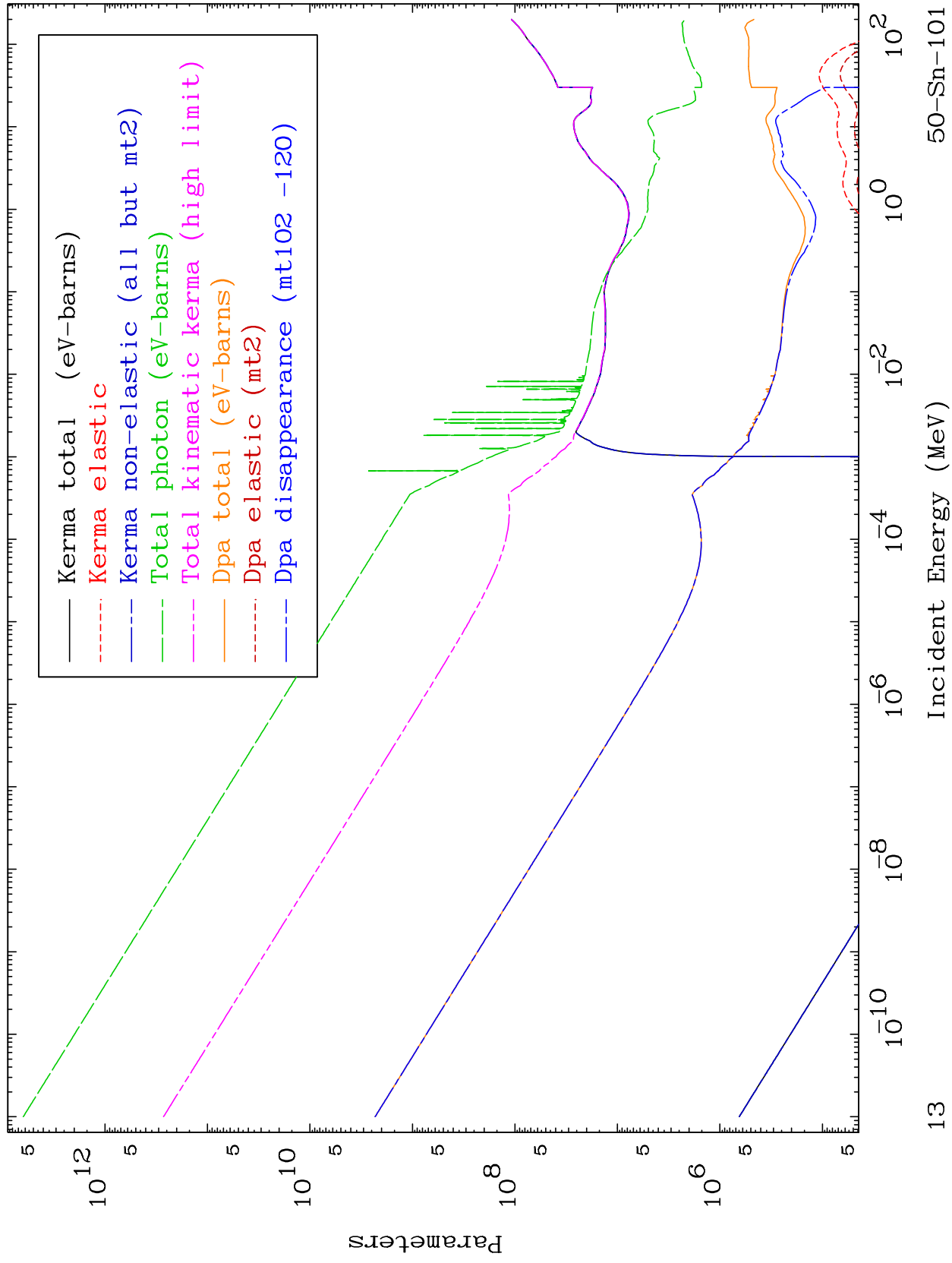
MAT 4992

293 Kelvin Cross Sections  
(n,α) Levels

50-Sn-101



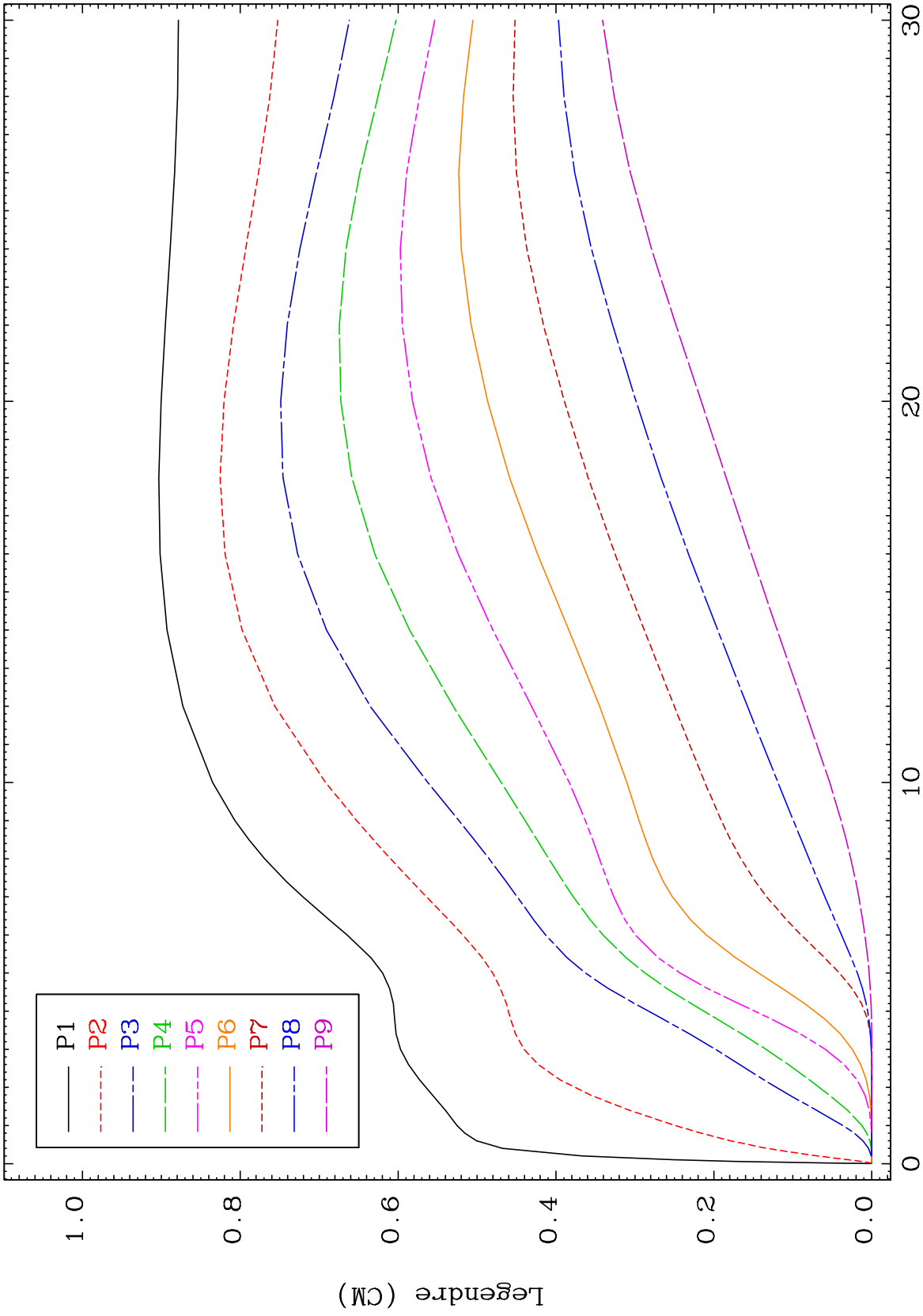
— (n,α)



MAT 4992

Elastic Legendre Coefficients

50-Sn-101



14

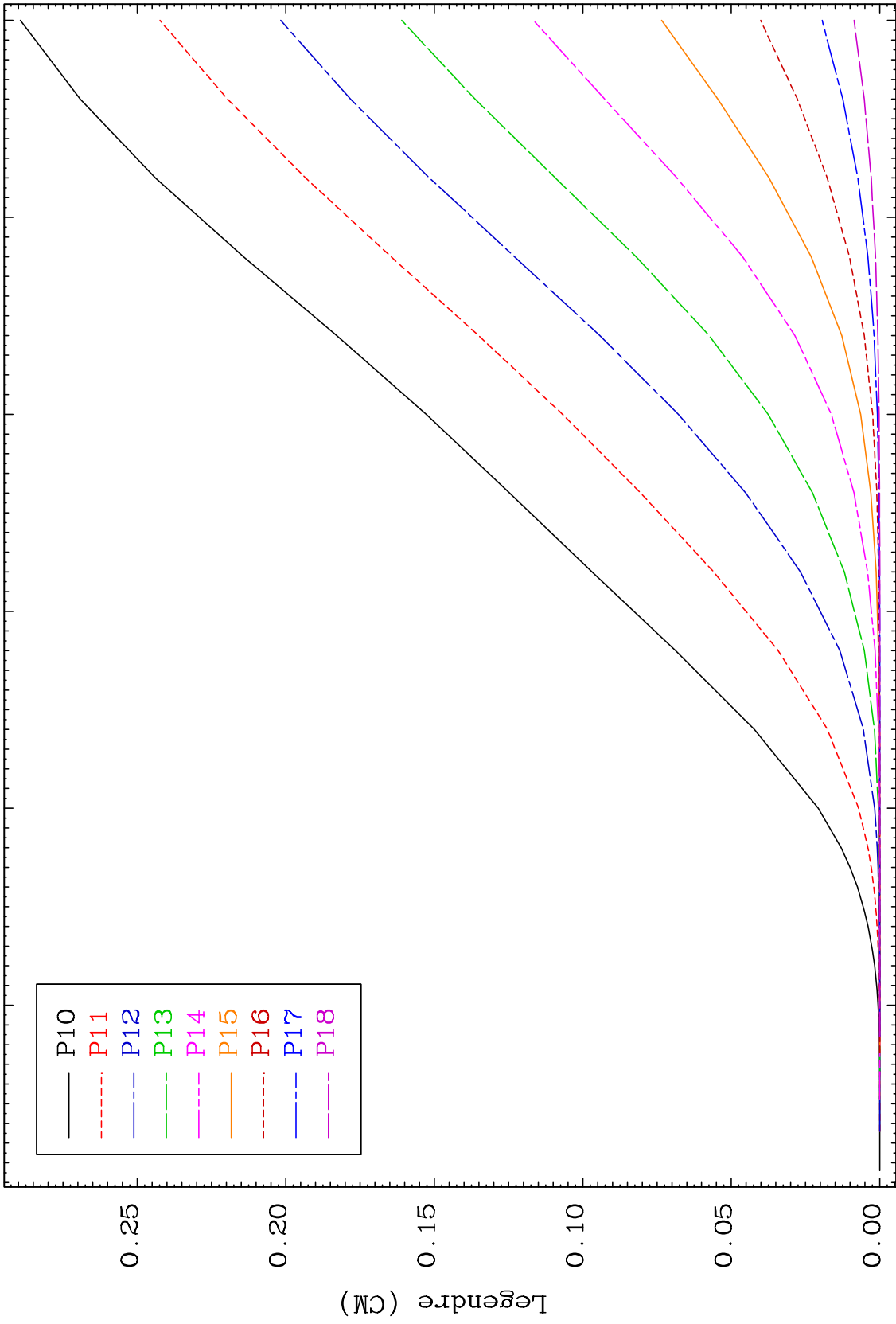
Incident Energy (MeV)

50-Sn-101

MAT 4992

Elastic Legendre Coefficients

50-Sn-101



15

Incident Energy (MeV)

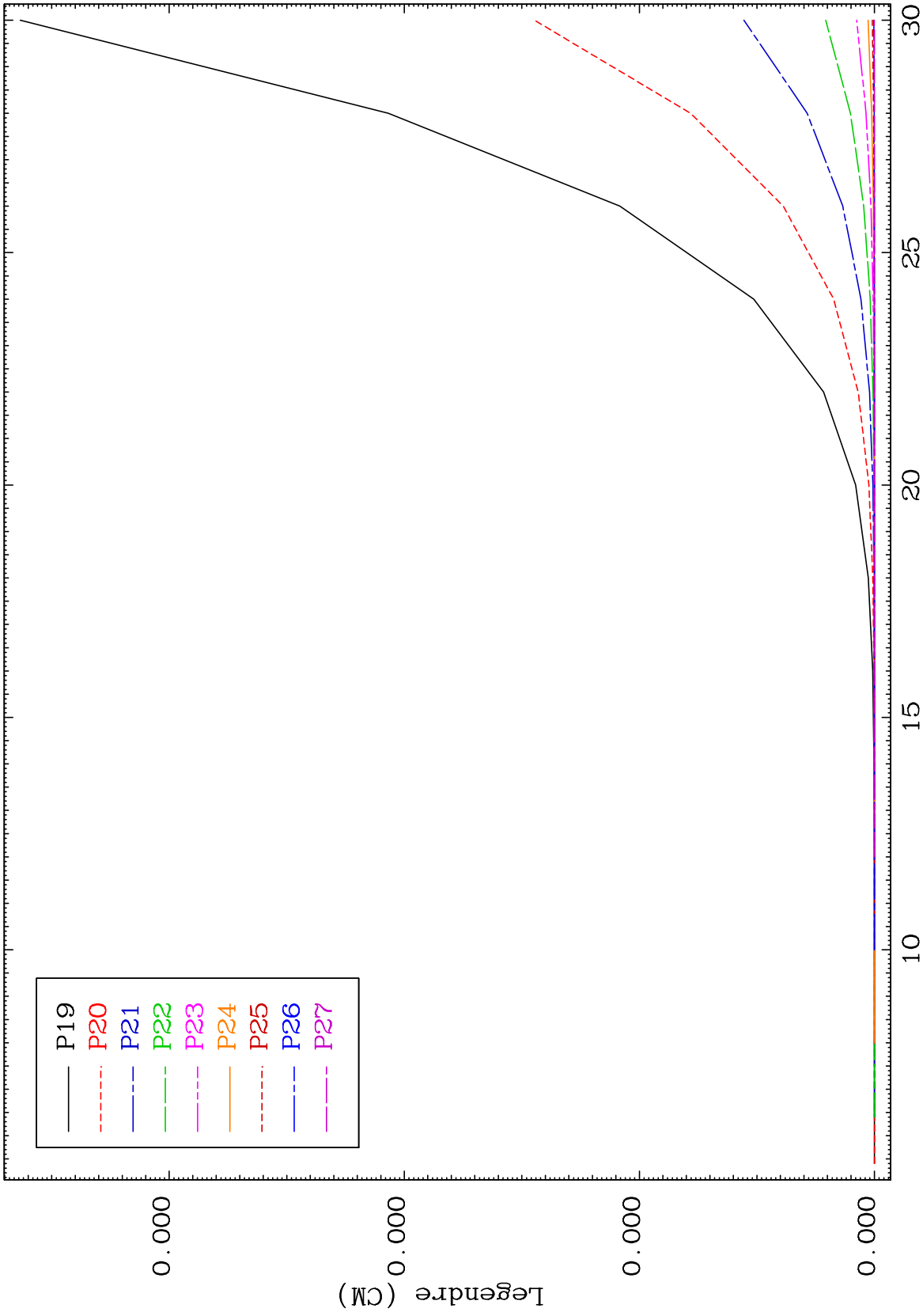
50-Sn-101



MAT 4992

Elastic  
Legendre Coefficients

50-Sn-101



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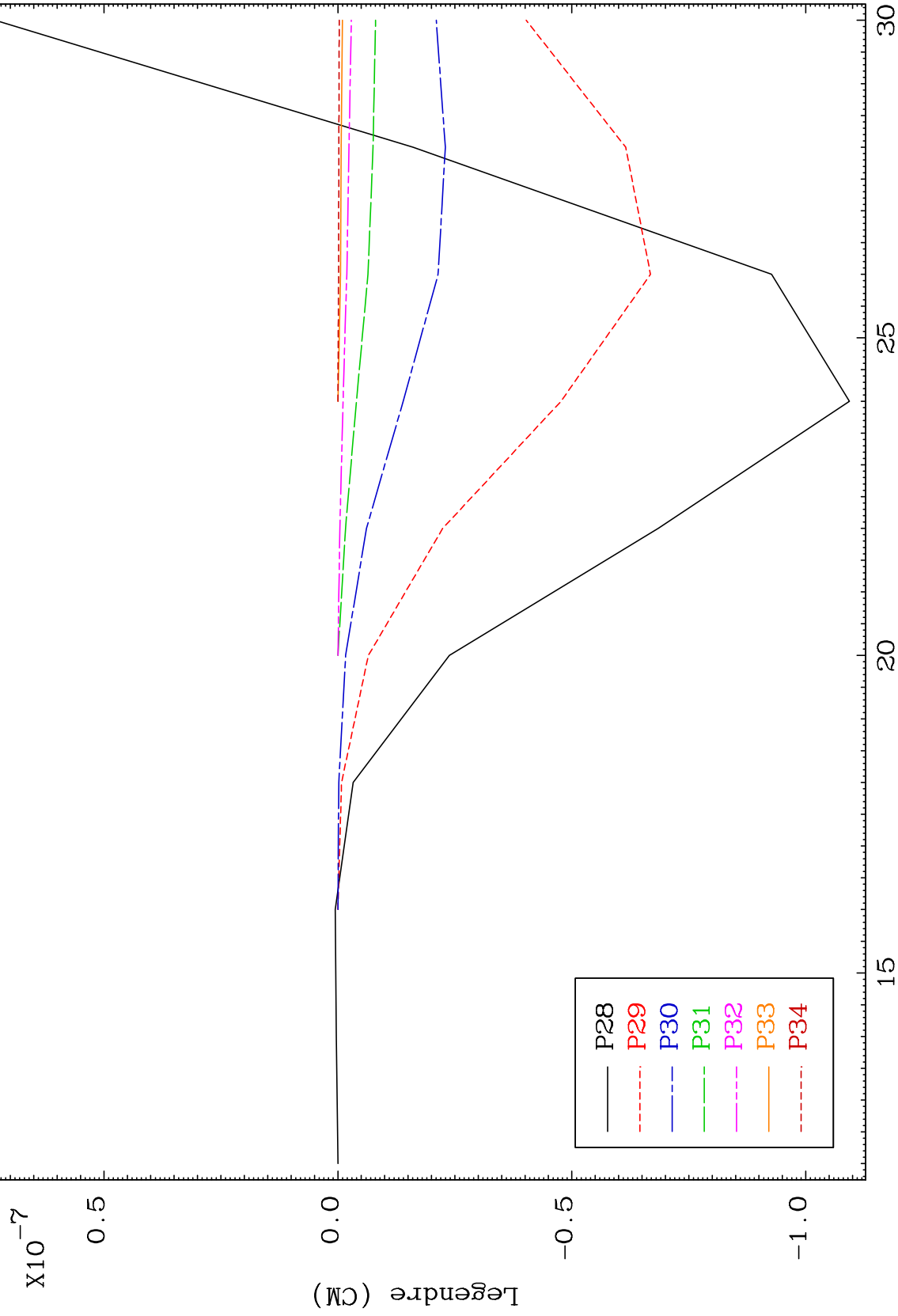
Incident Energy (MeV)

50-Sn-101

MAT 4992

Elastic Legendre Coefficients

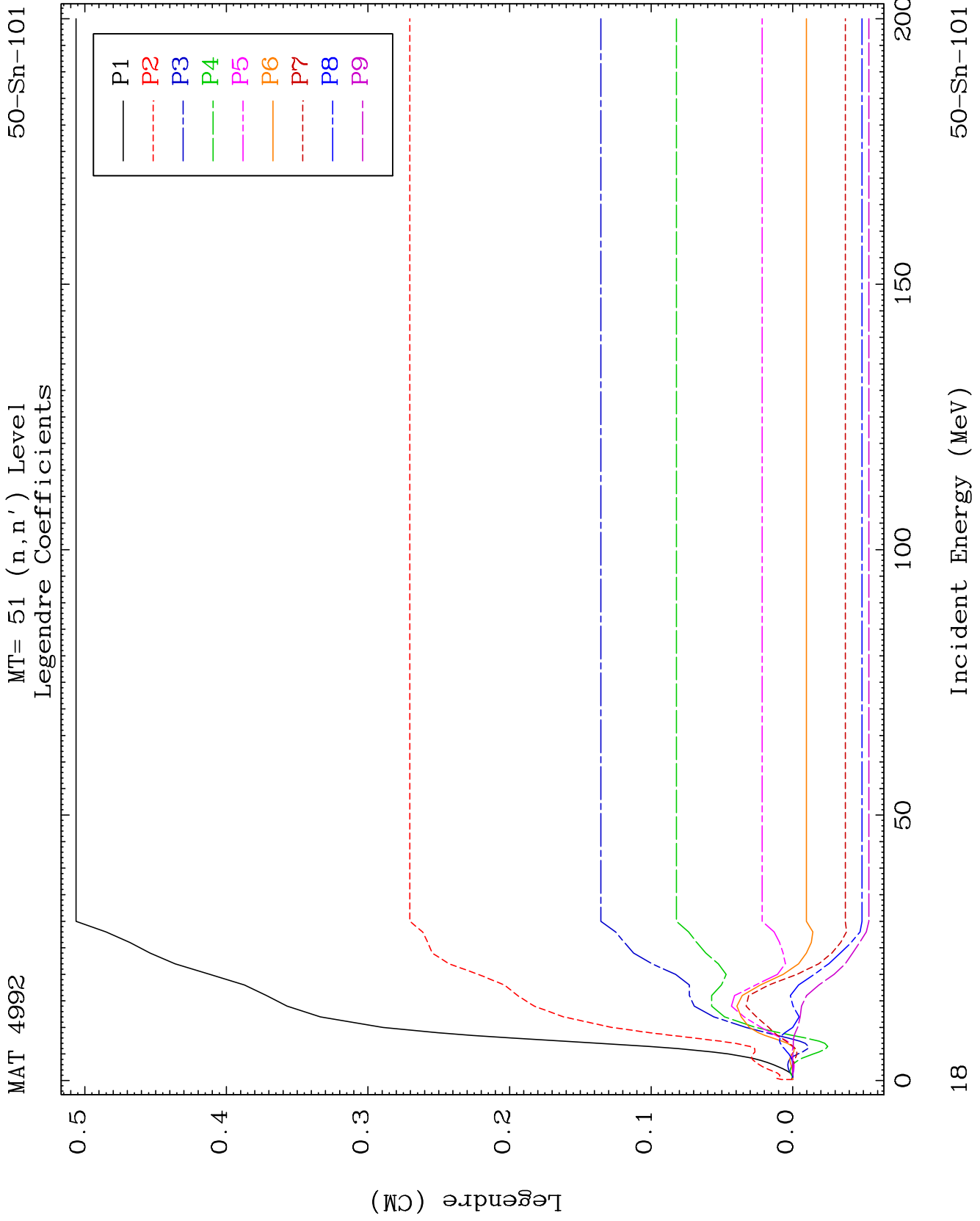
50-Sn-101



17

Incident Energy (MeV)

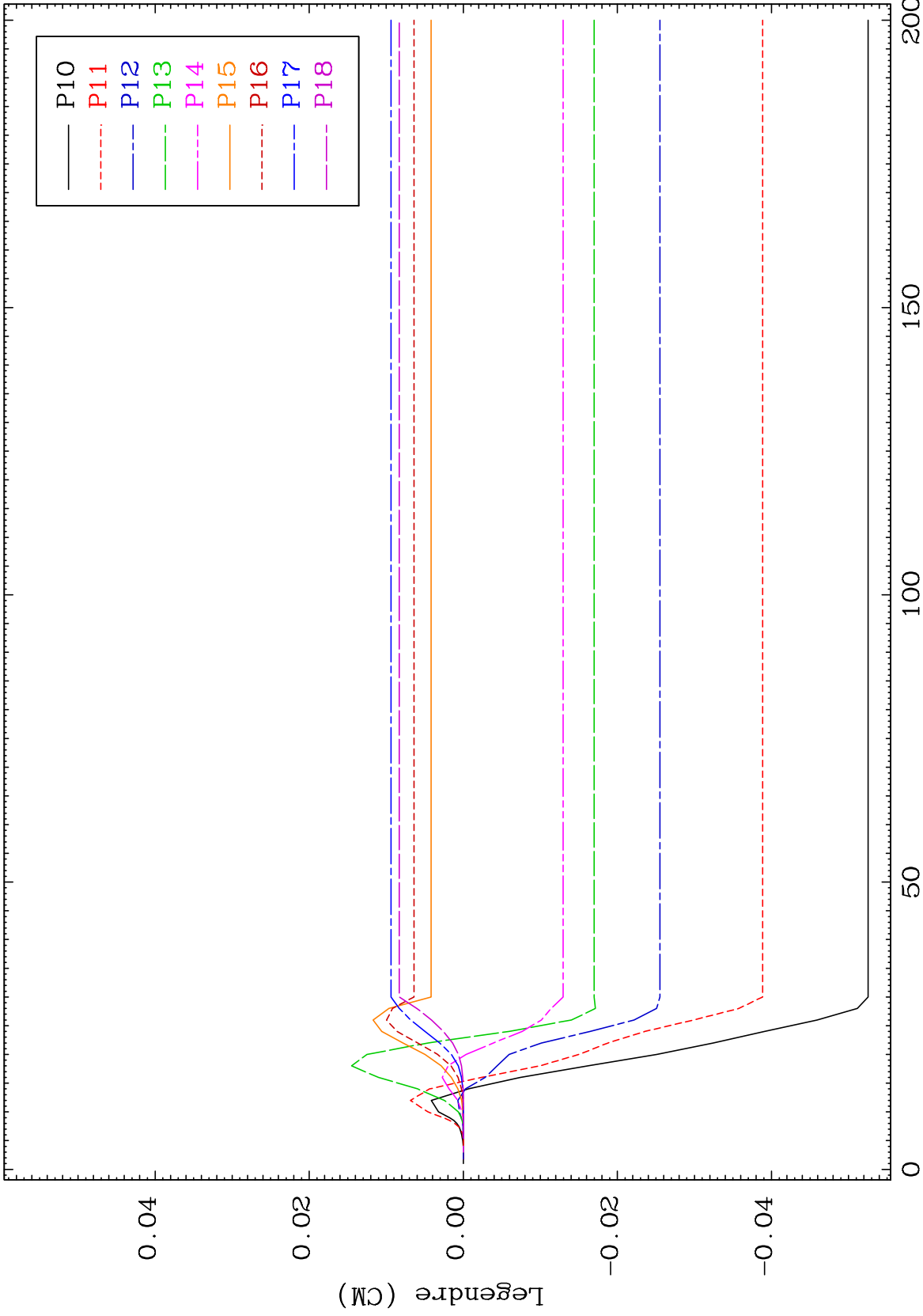
50-Sn-101



MAT 4992

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

50-Sn-101

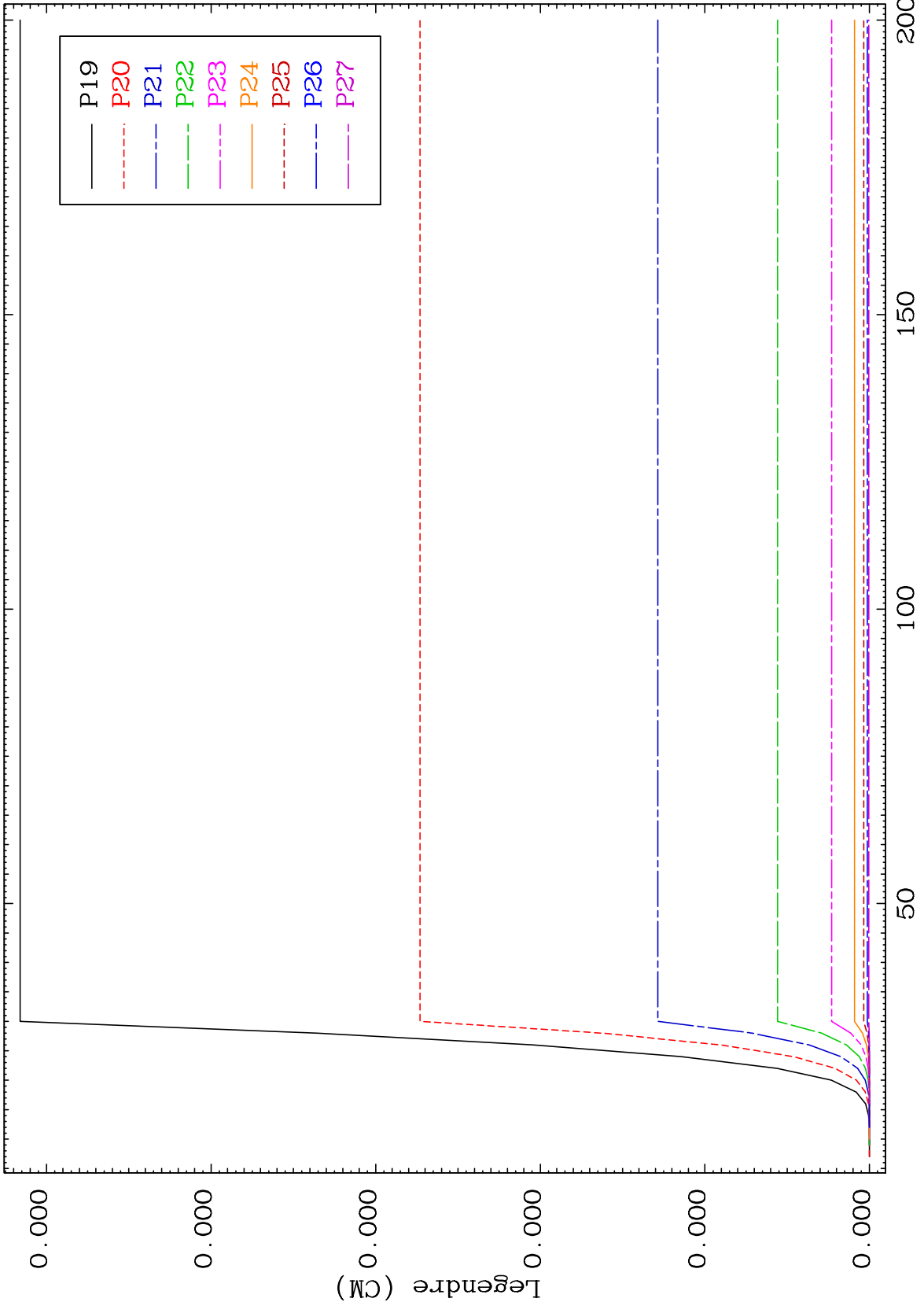


19

Incident Energy (MeV)

50-Sn-101

MAT 4992 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-101

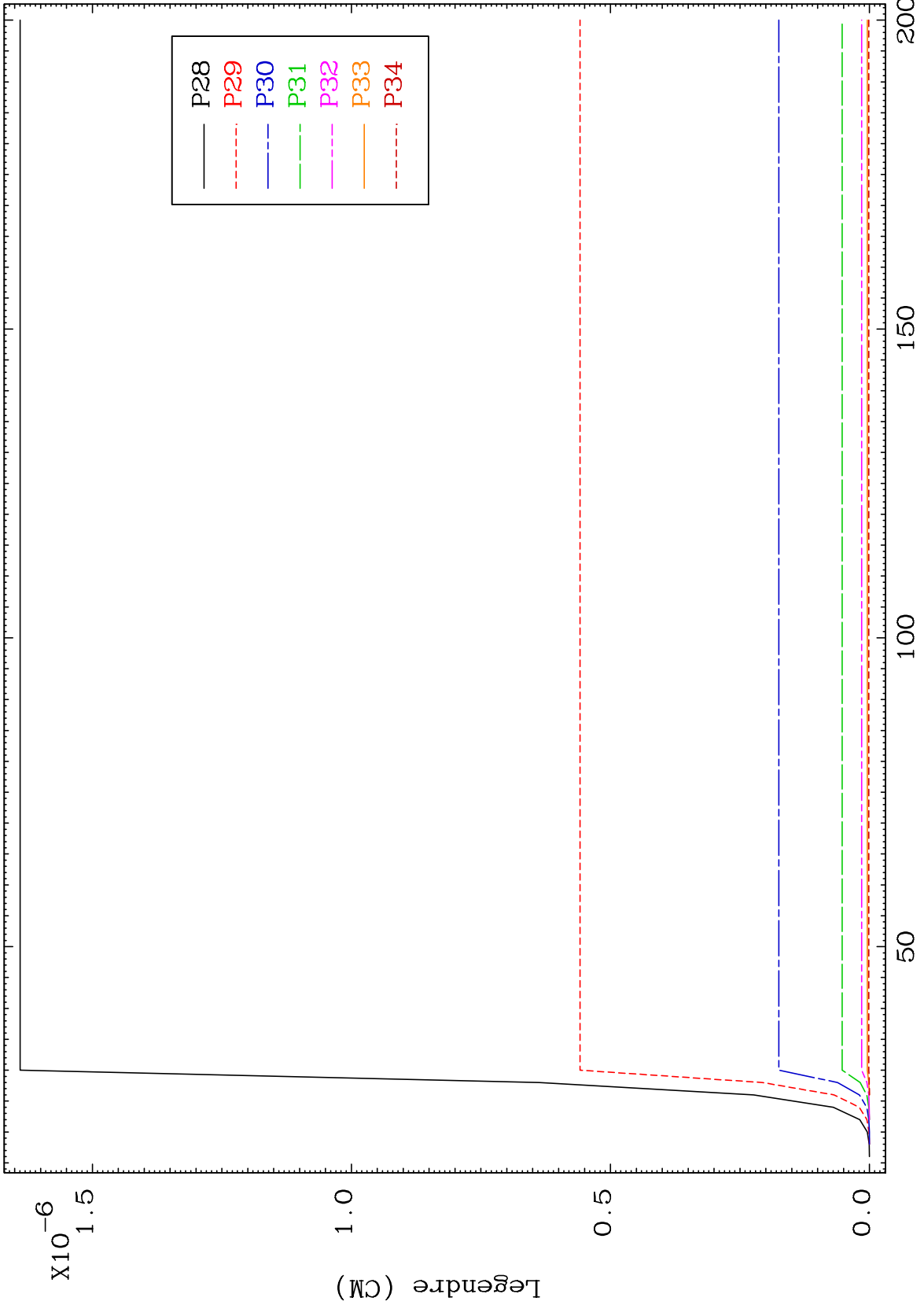


20 50 100 150 200 Incident Energy (MeV) 50-Sn-101

MAT 4992

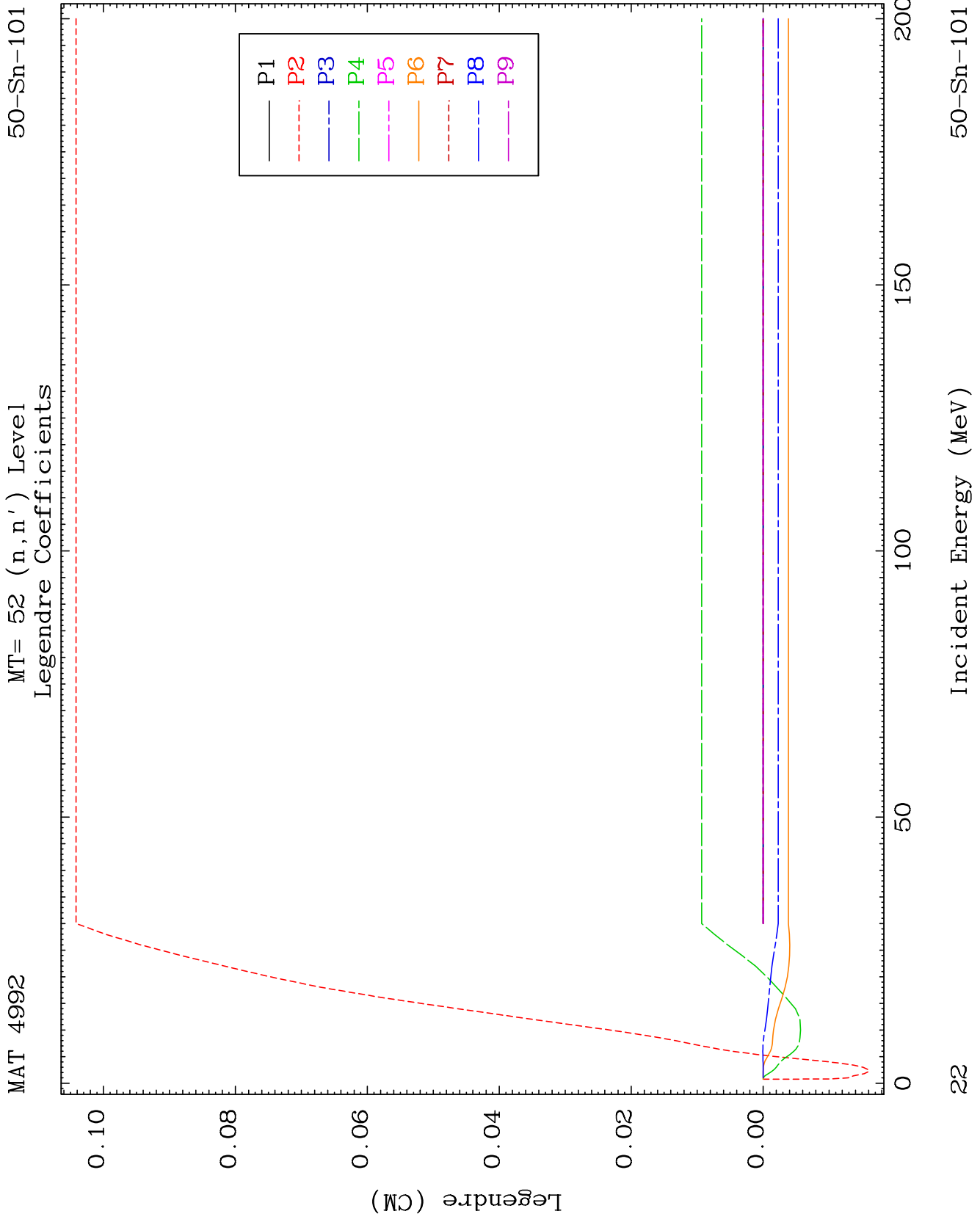
MT= 51 (n,n') Level  
Legendre Coefficients

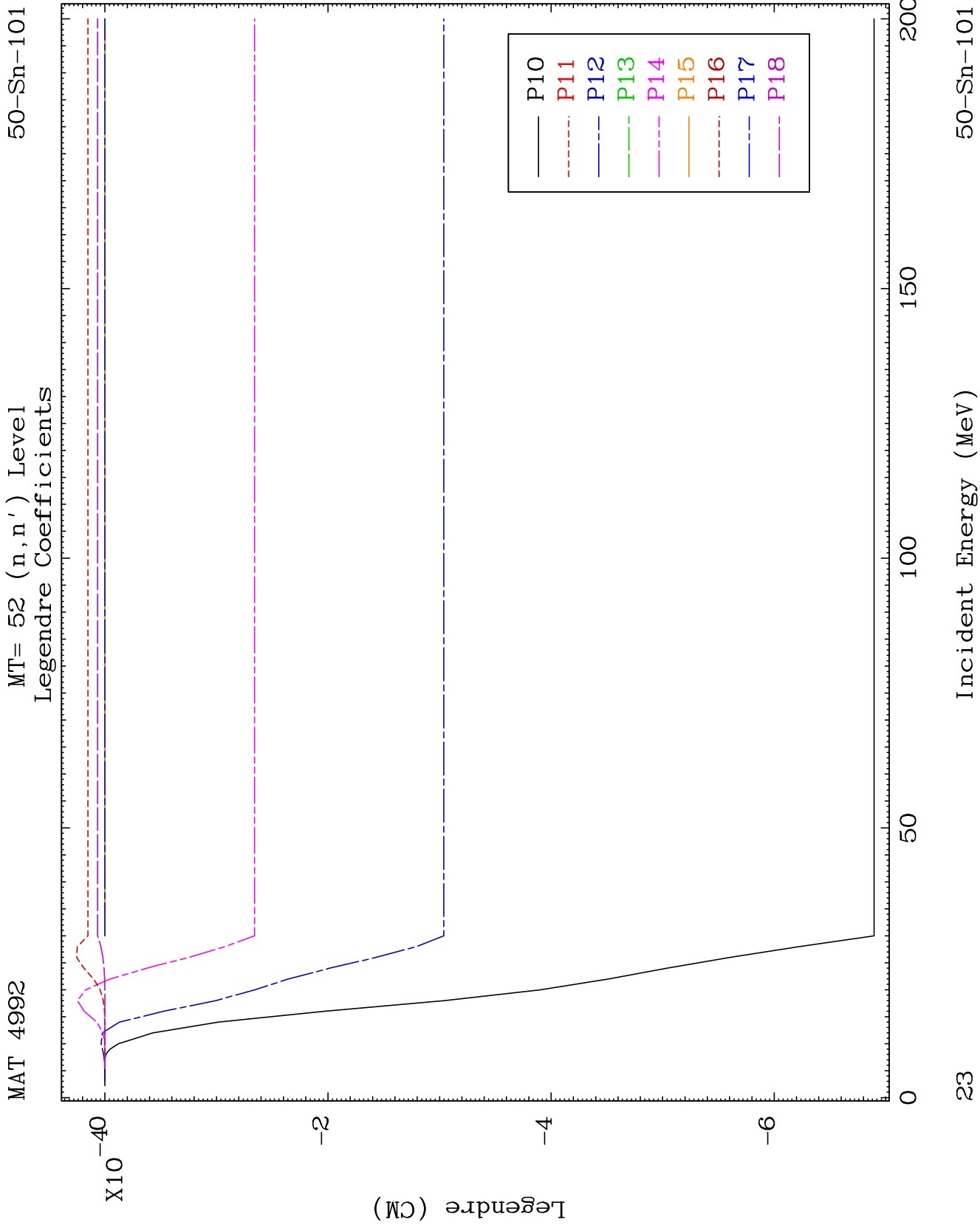
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21

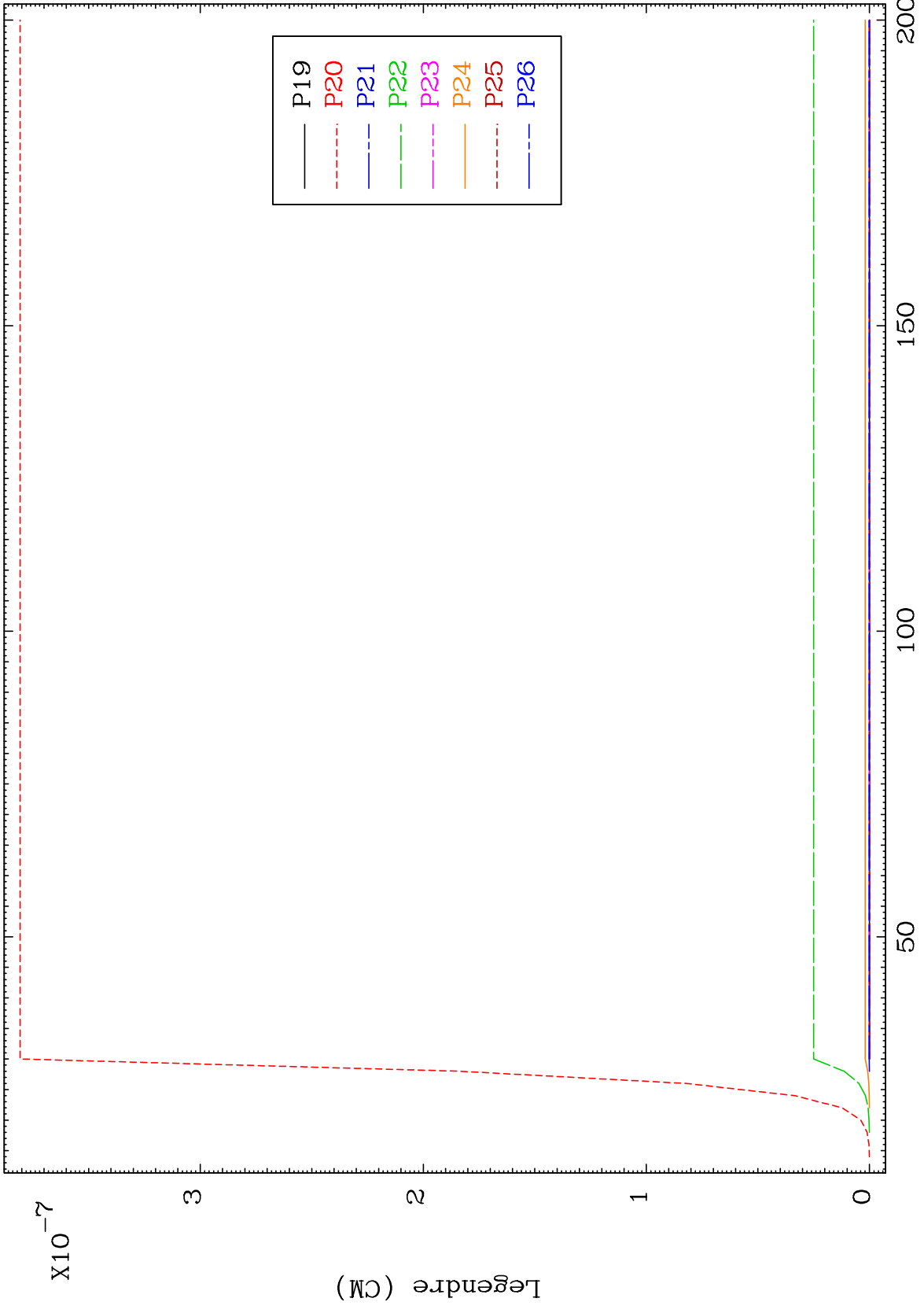
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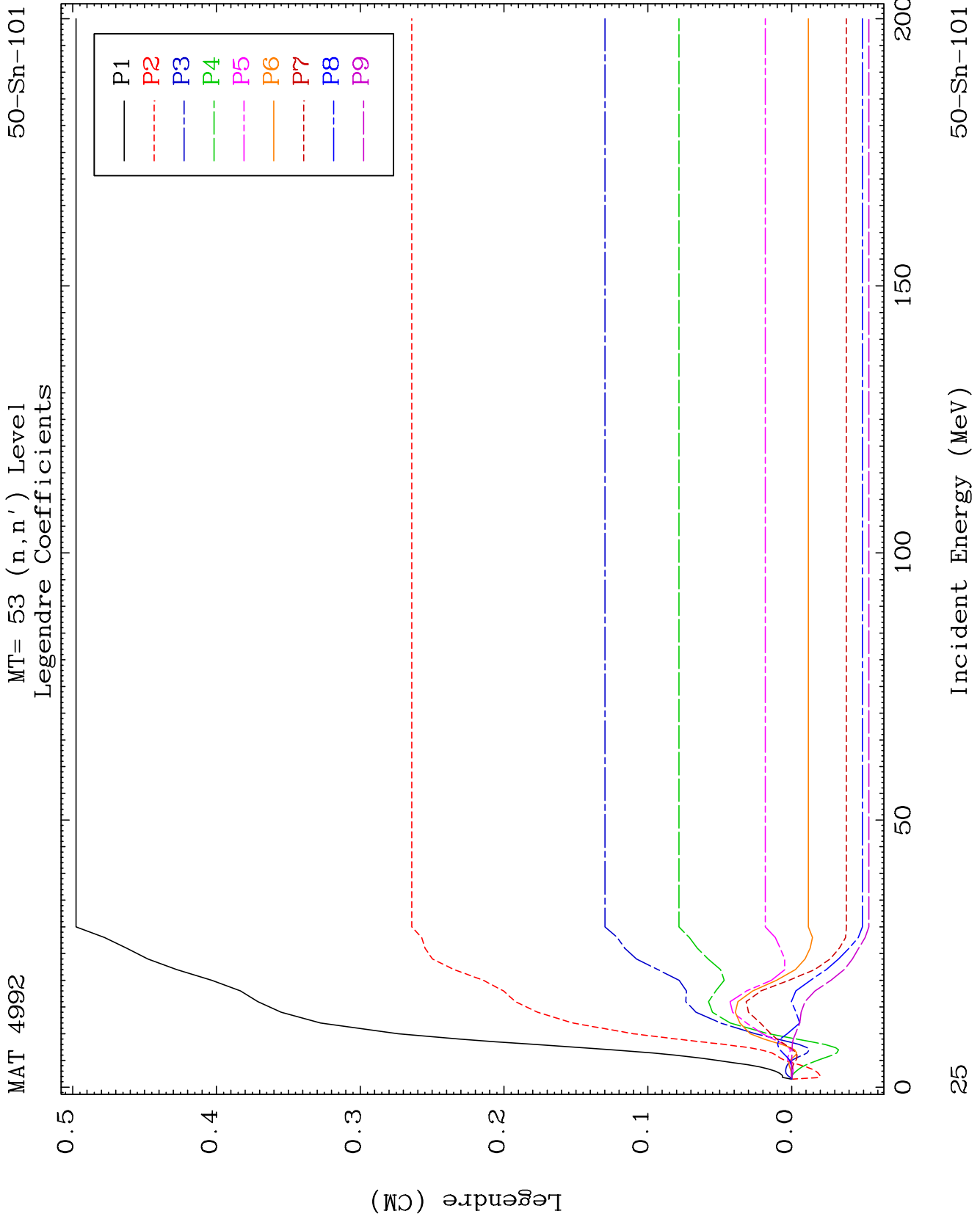




MAT 4992 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-101



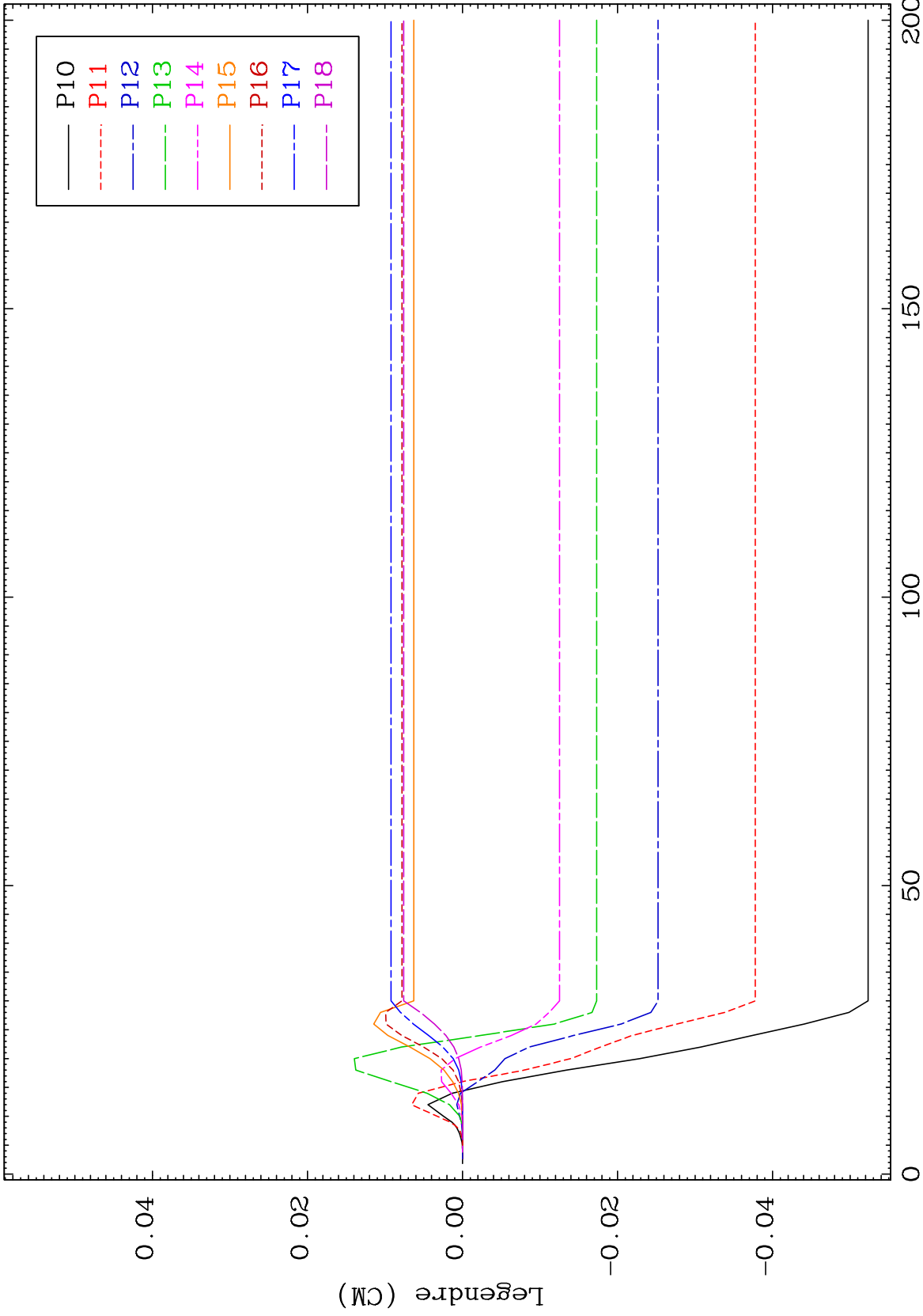
24 50-Sn-101



MAT 4992

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

50-Sn-101

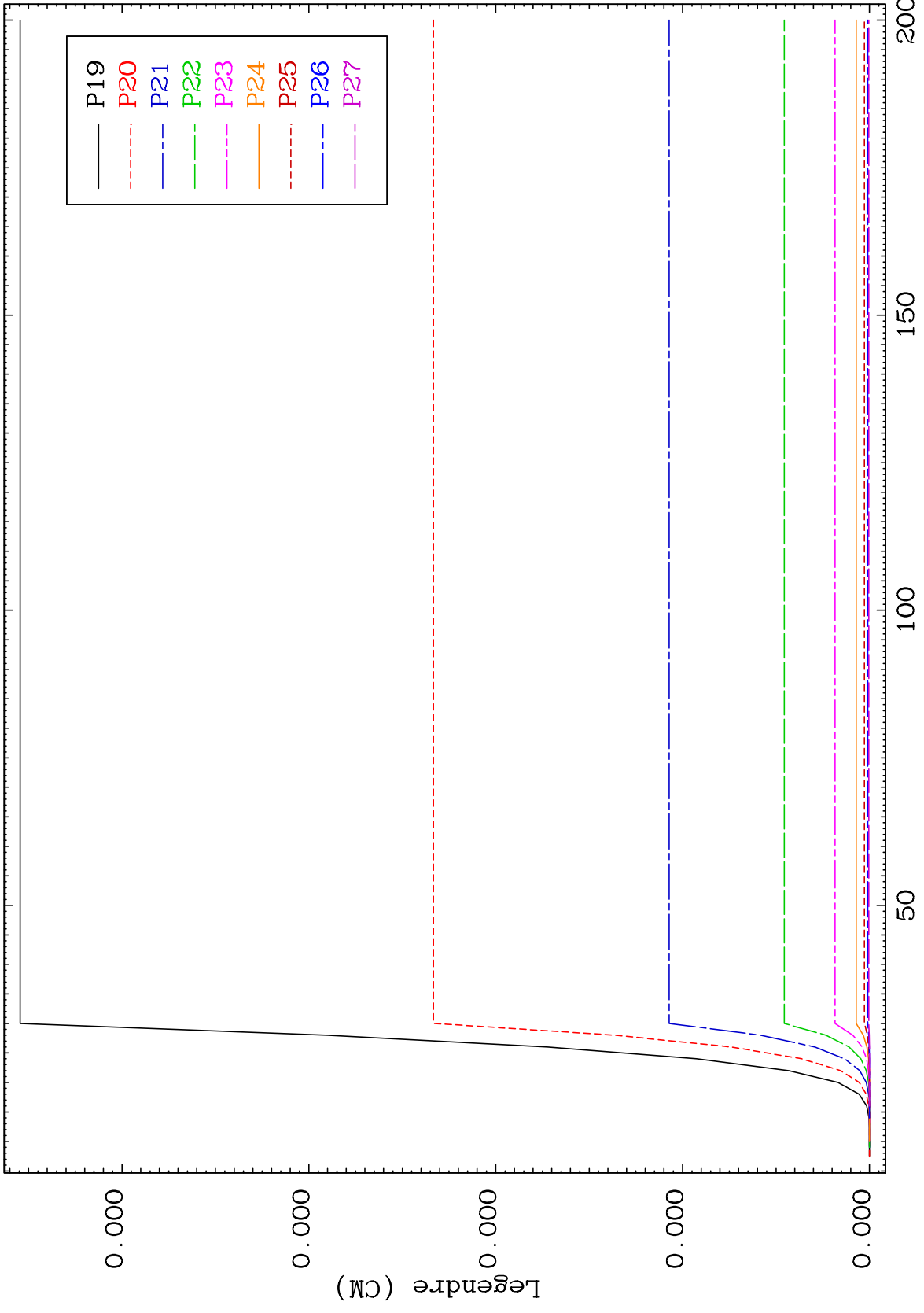


26

Incident Energy (MeV)

50-Sn-101

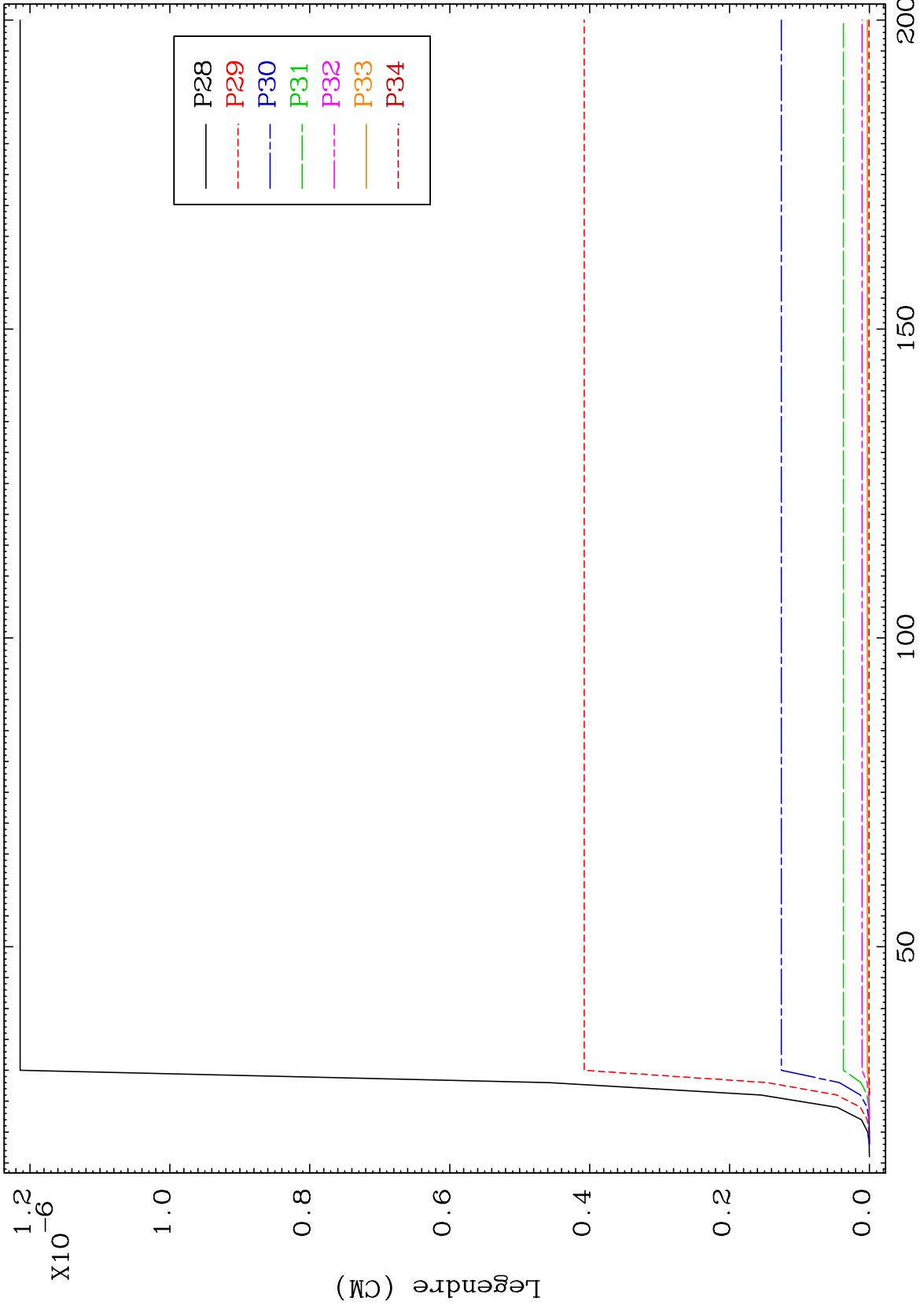
MAT 4992 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-101



MAT 4992

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

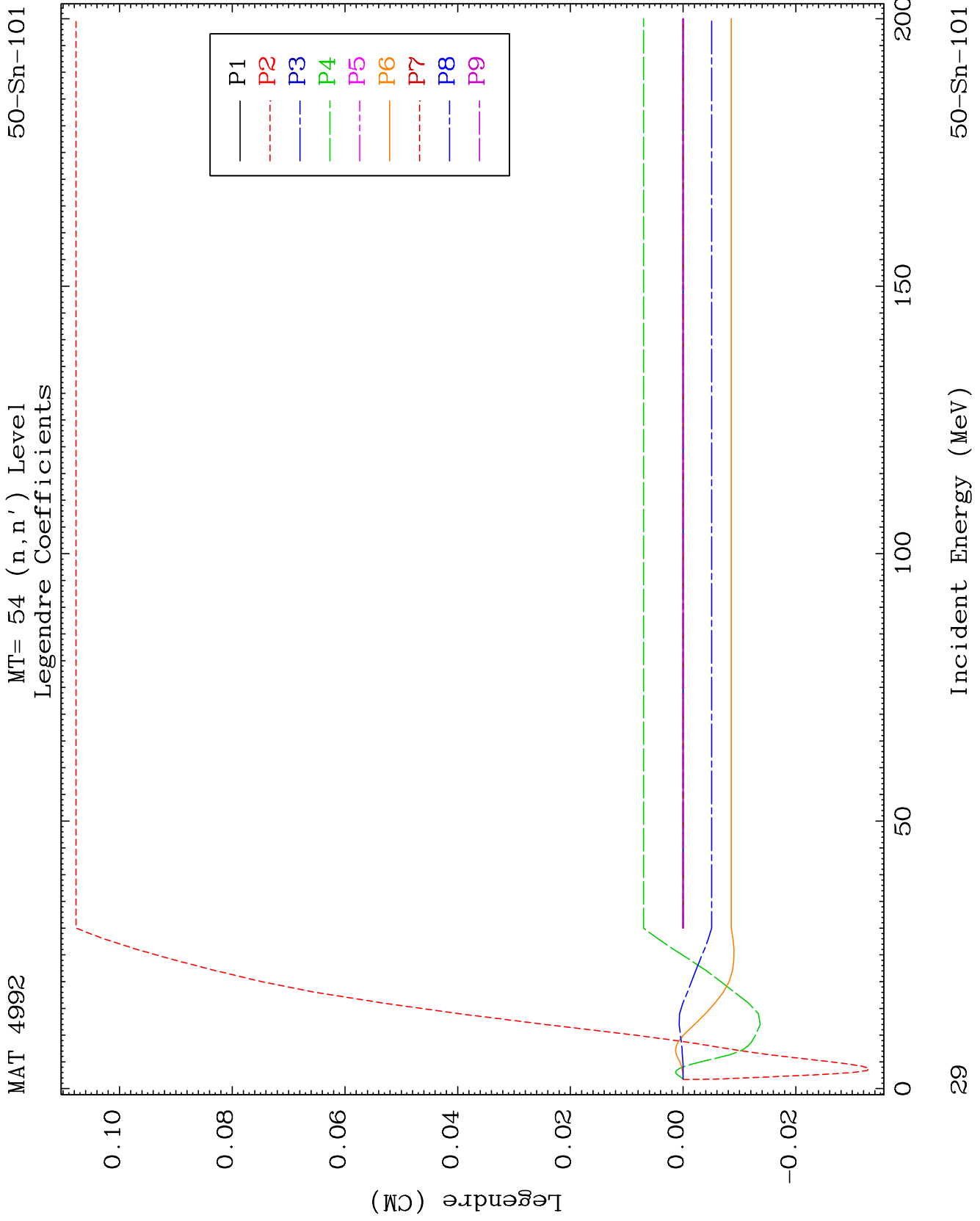
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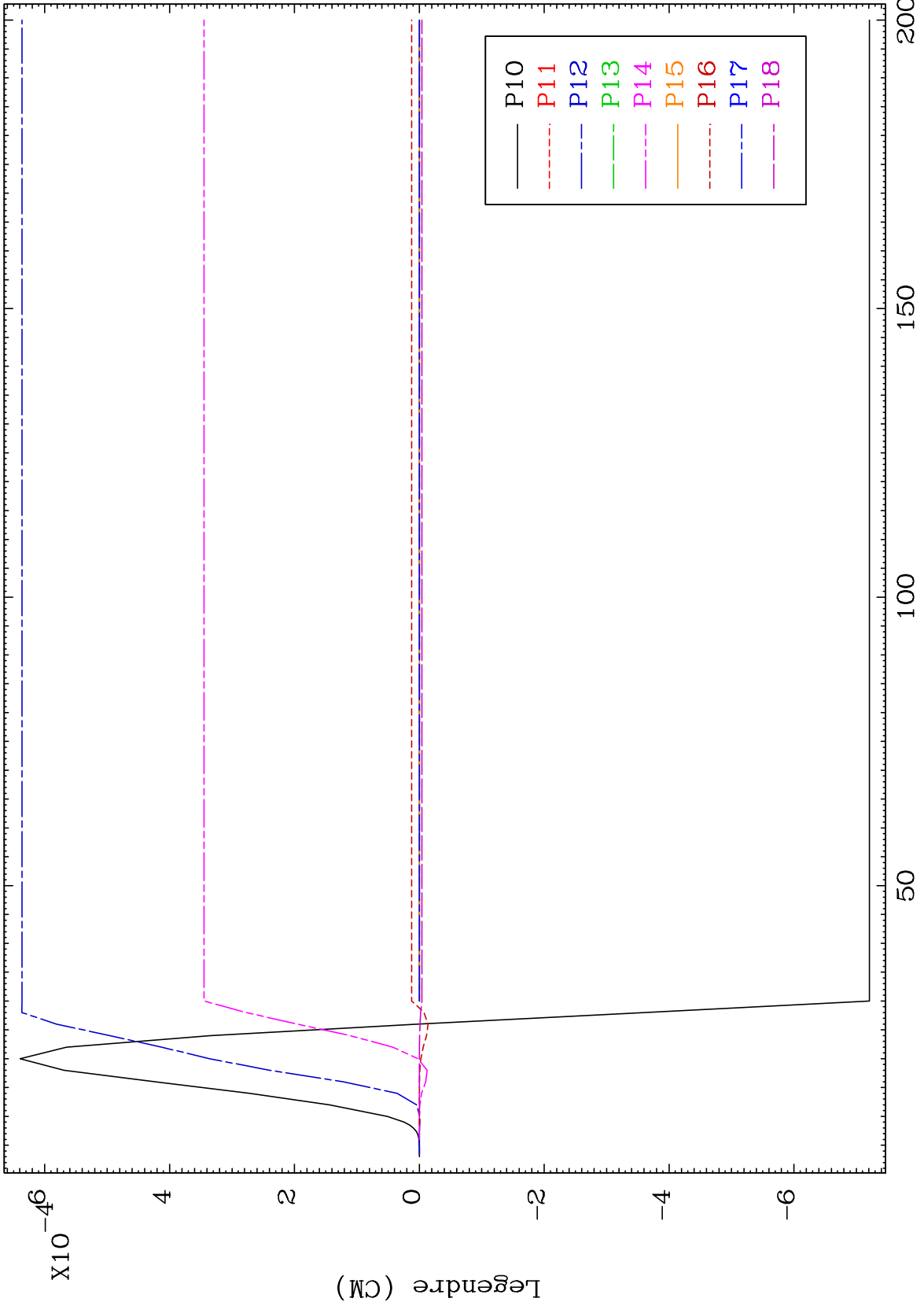
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Incident Energy (MeV)

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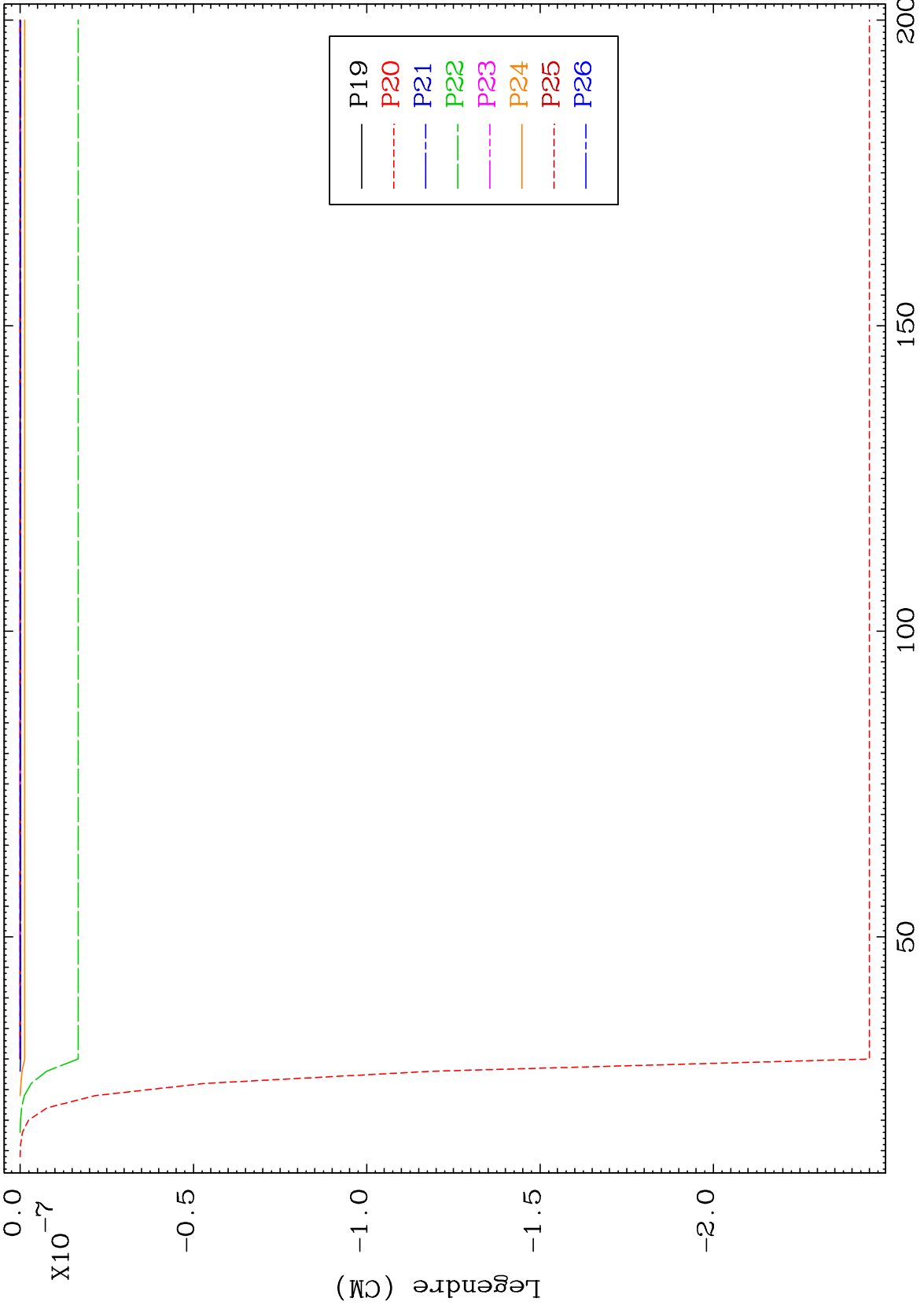


MAT 4992 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-101



30 50 100 150 200 50-Sn-101

MAT 4992 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-101



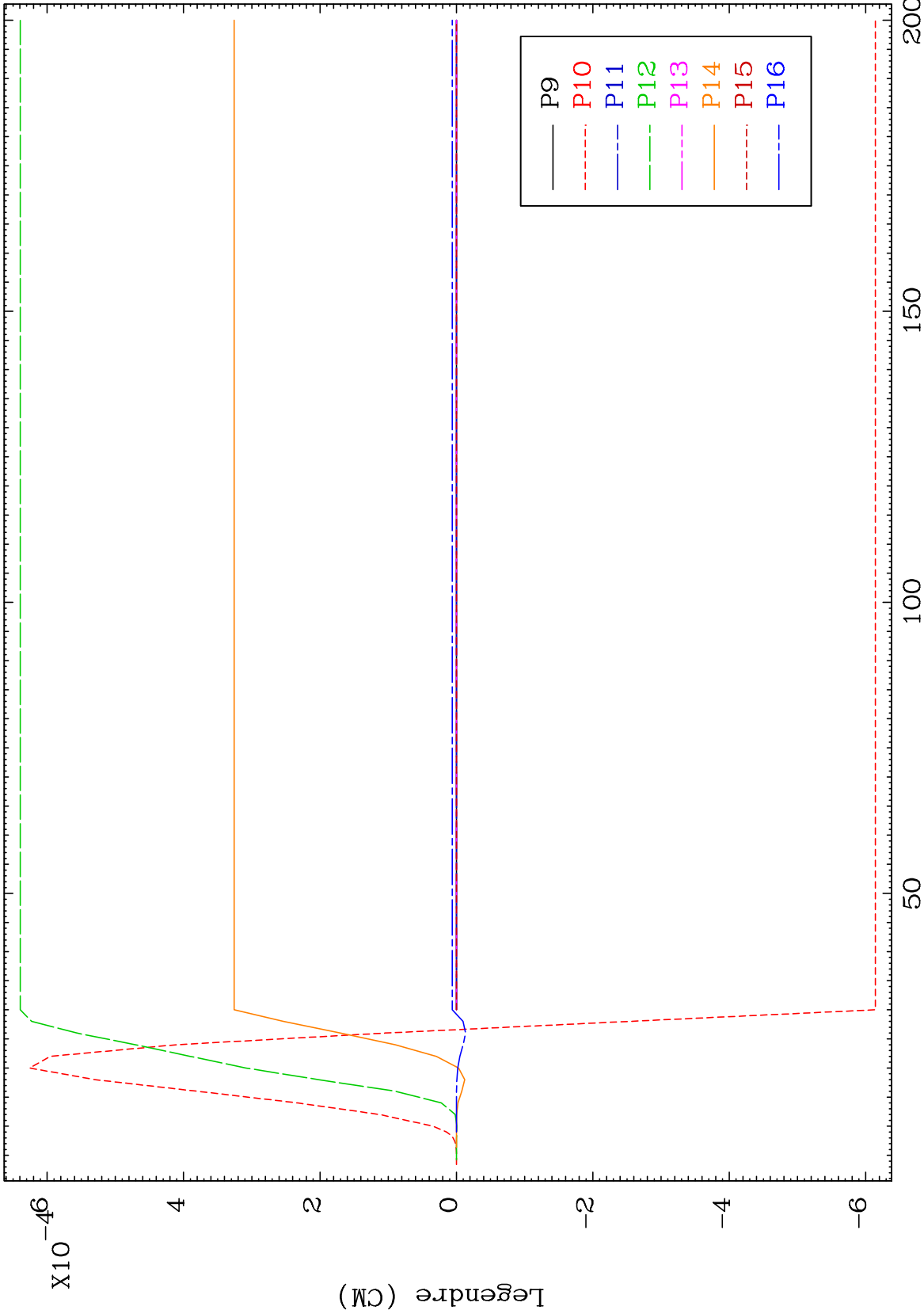




MAT 4992

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

50-Sn-101

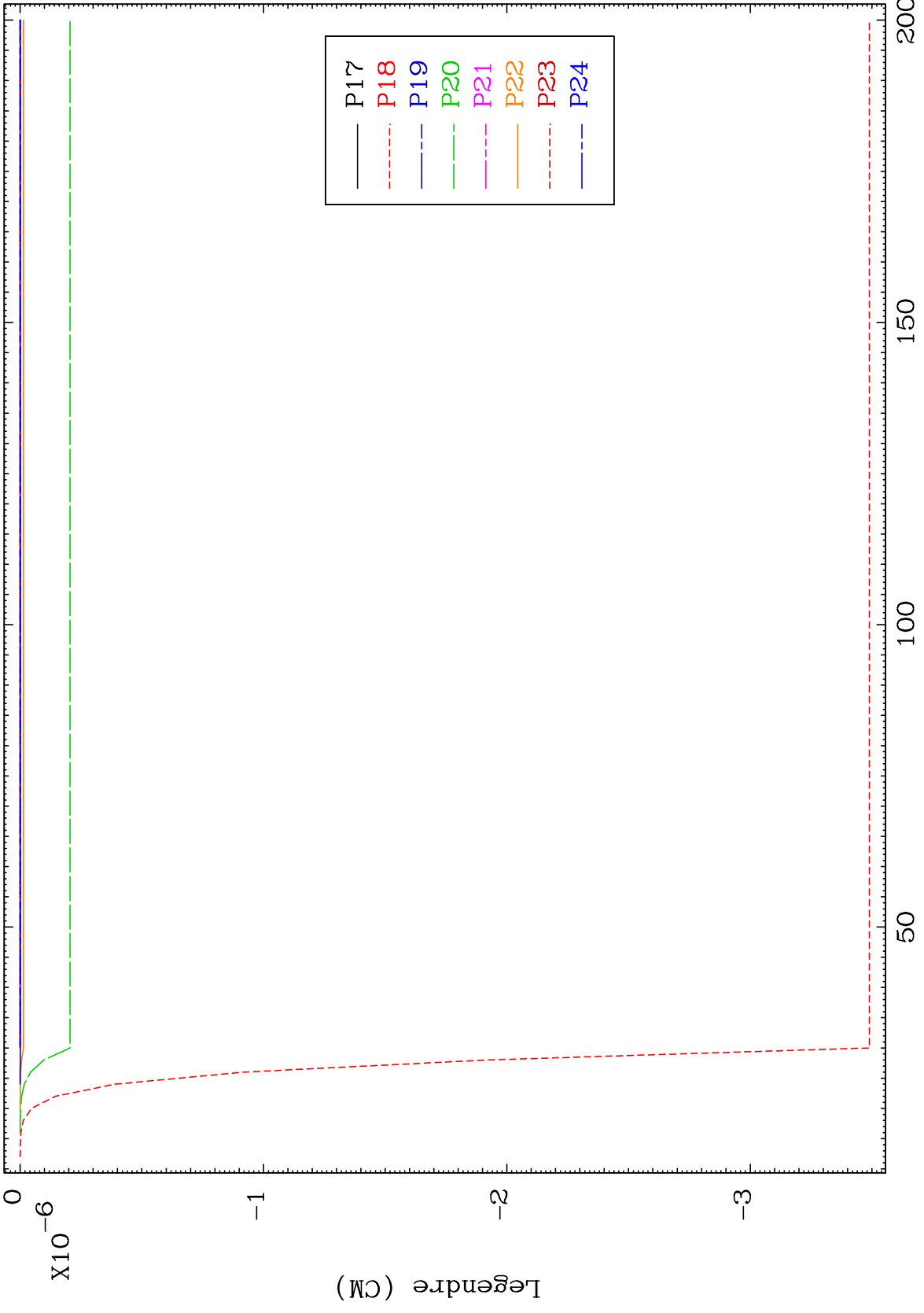


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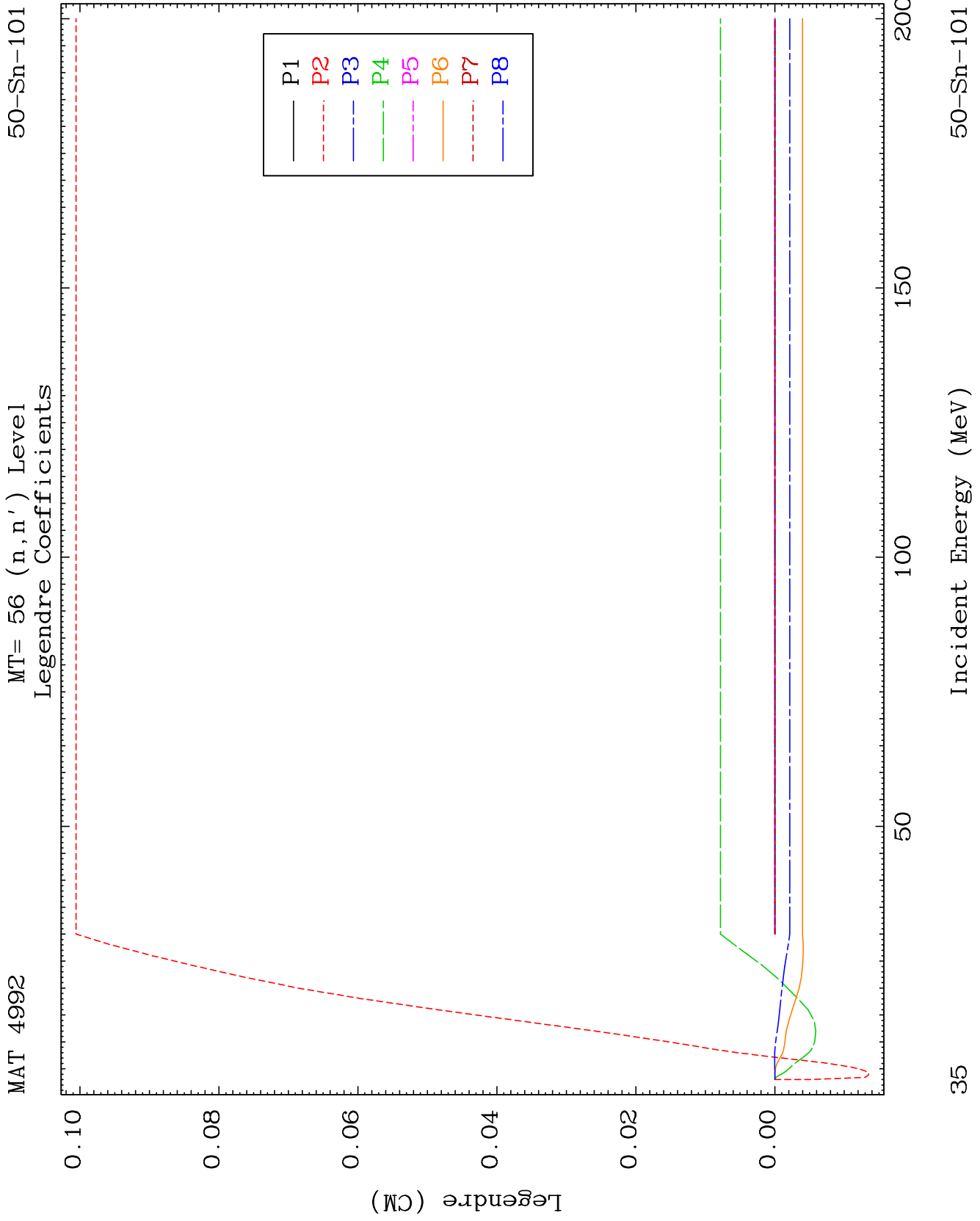
Incident Energy (MeV)

50-Sn-101

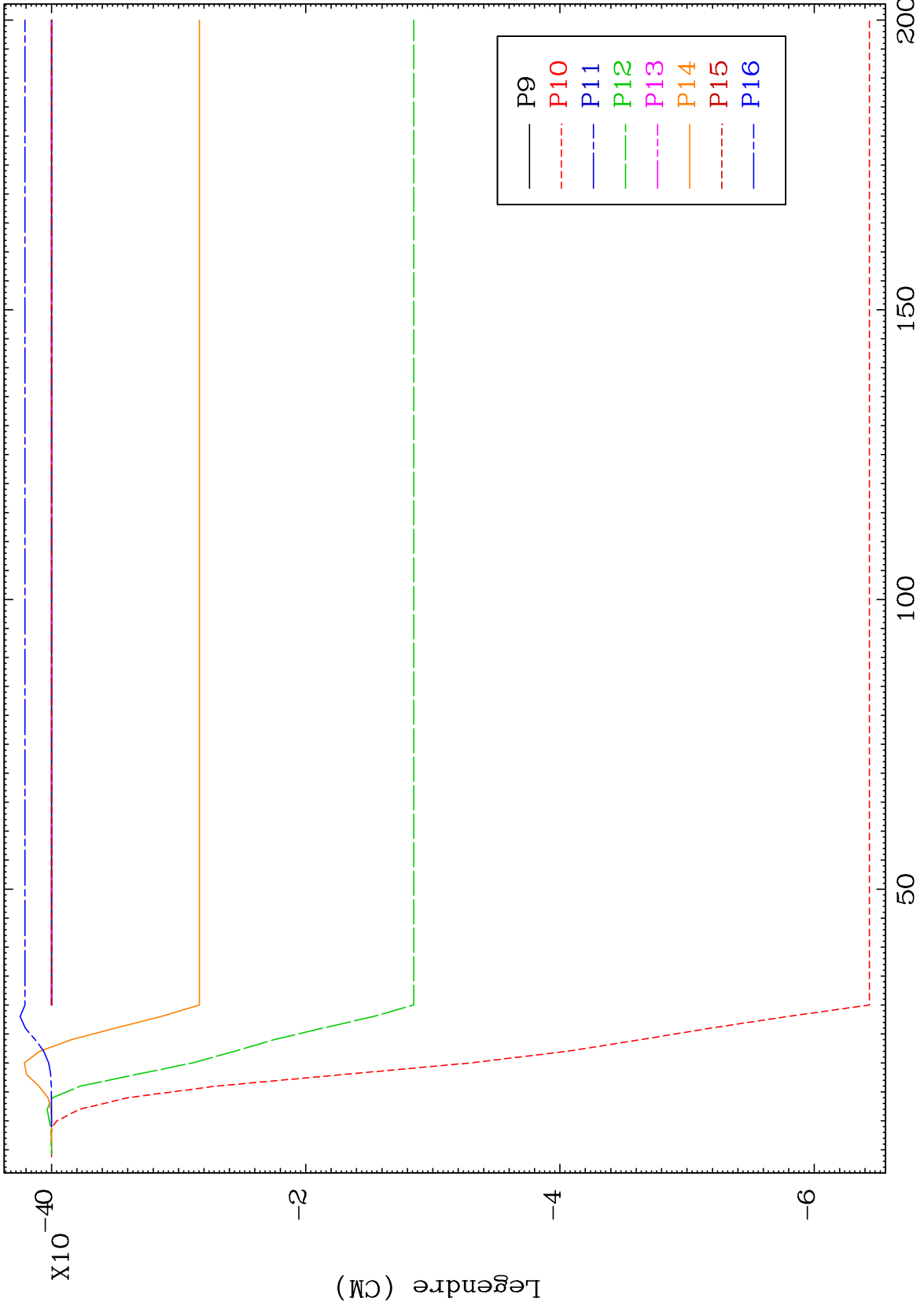
MAT 4992 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-101



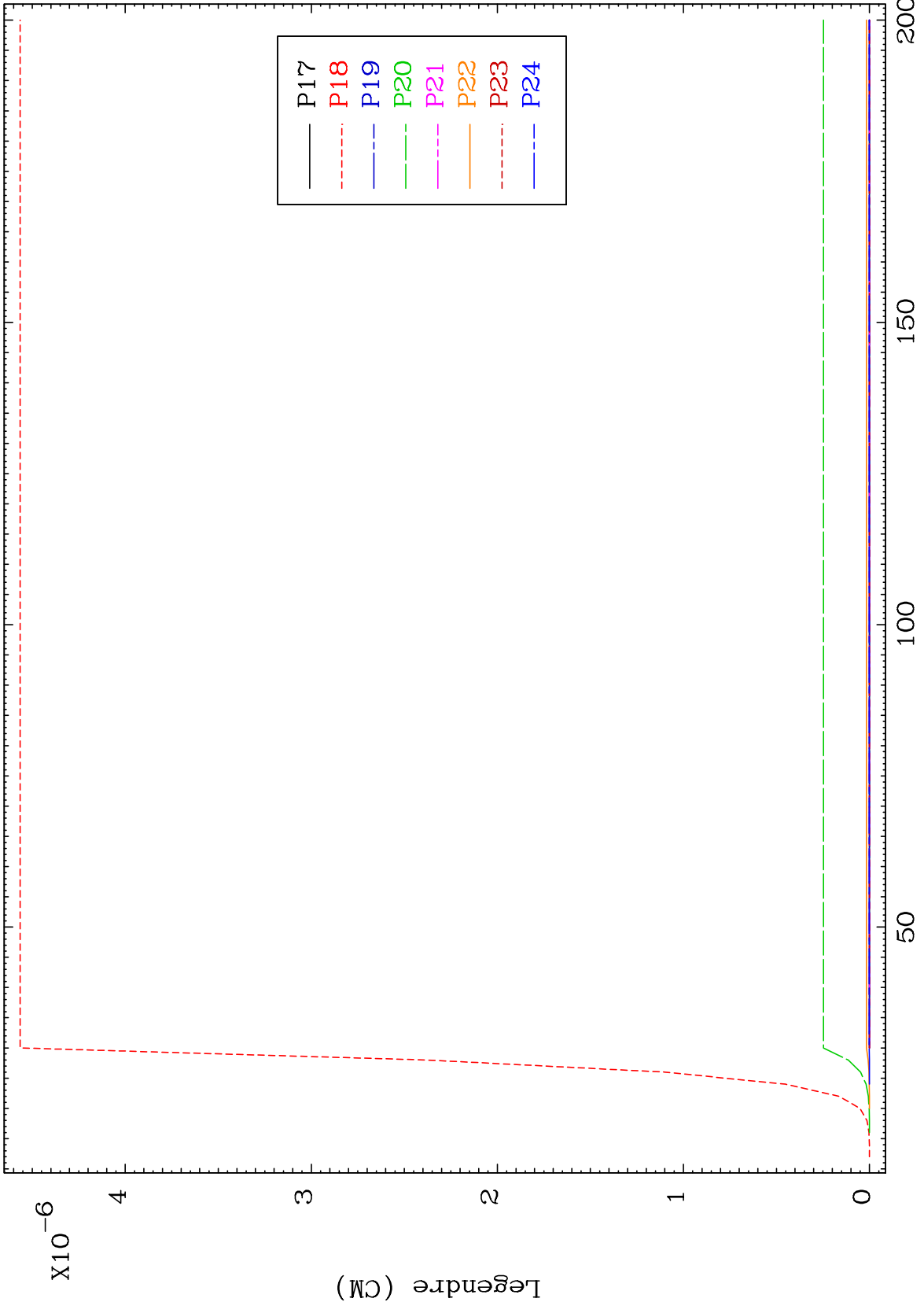
34 50-Sn-101



MAT 4992 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-101



MAT 4992 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-101



37

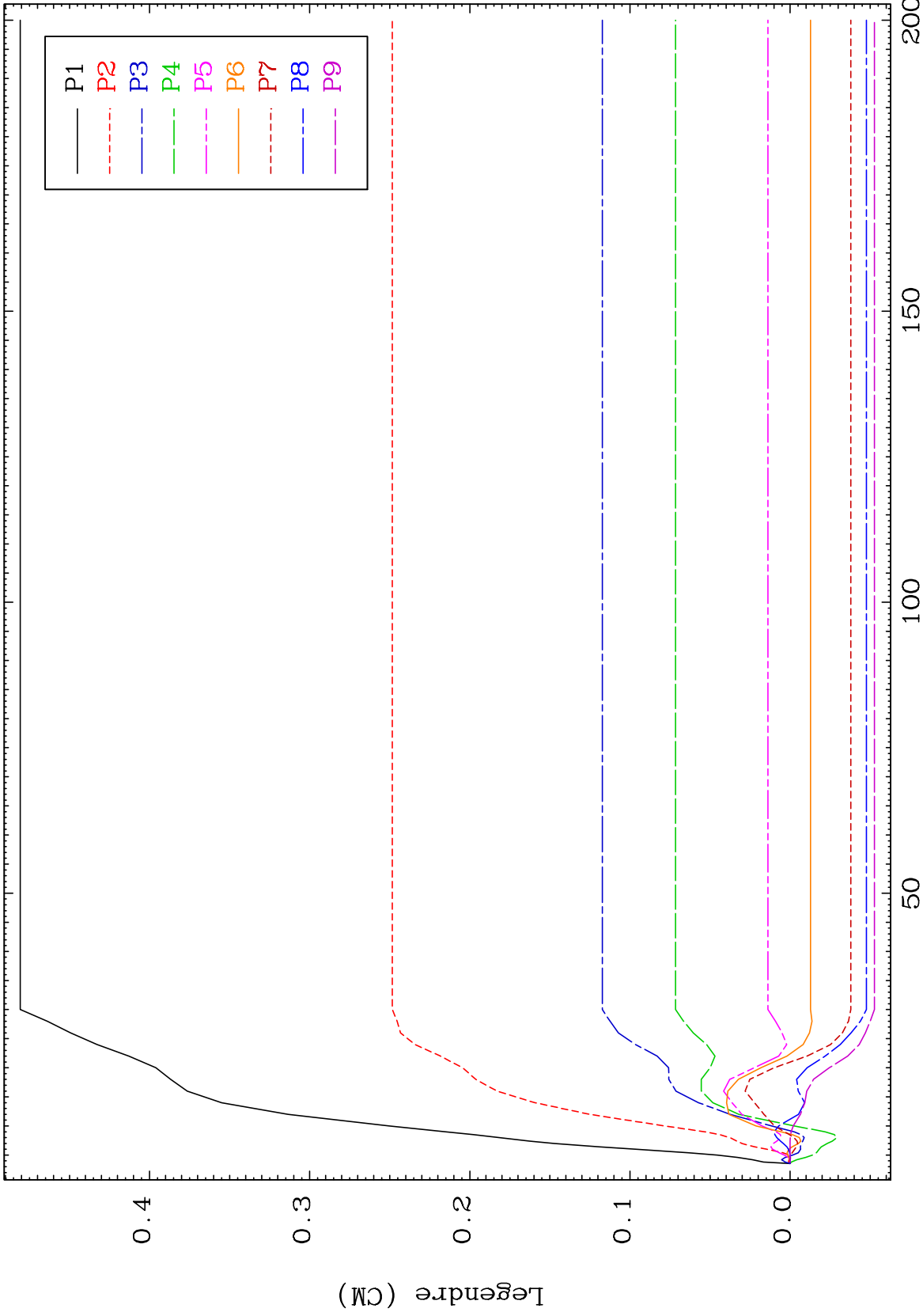
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



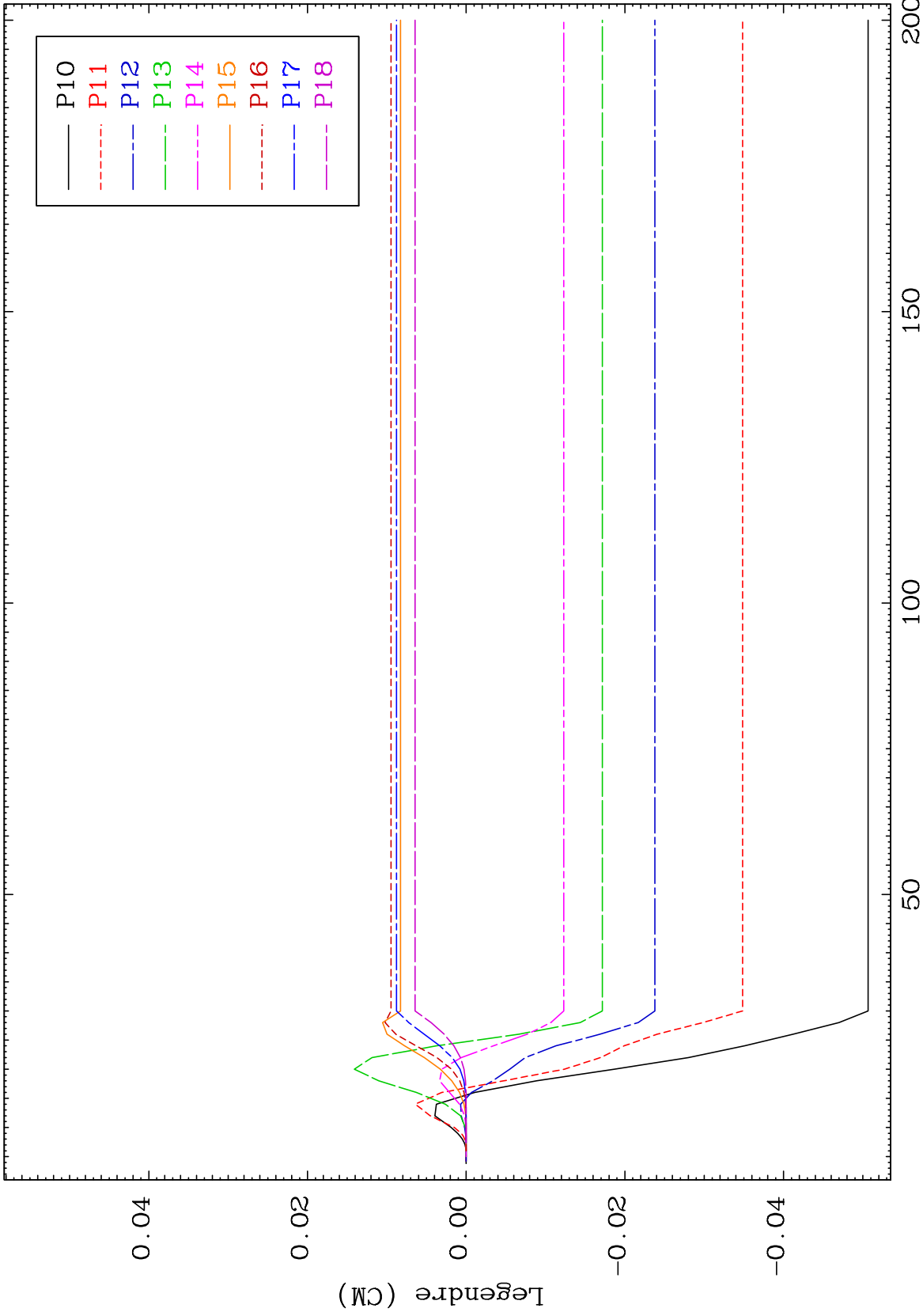
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50-Sn-101

MAT 4992

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

50-Sn-101



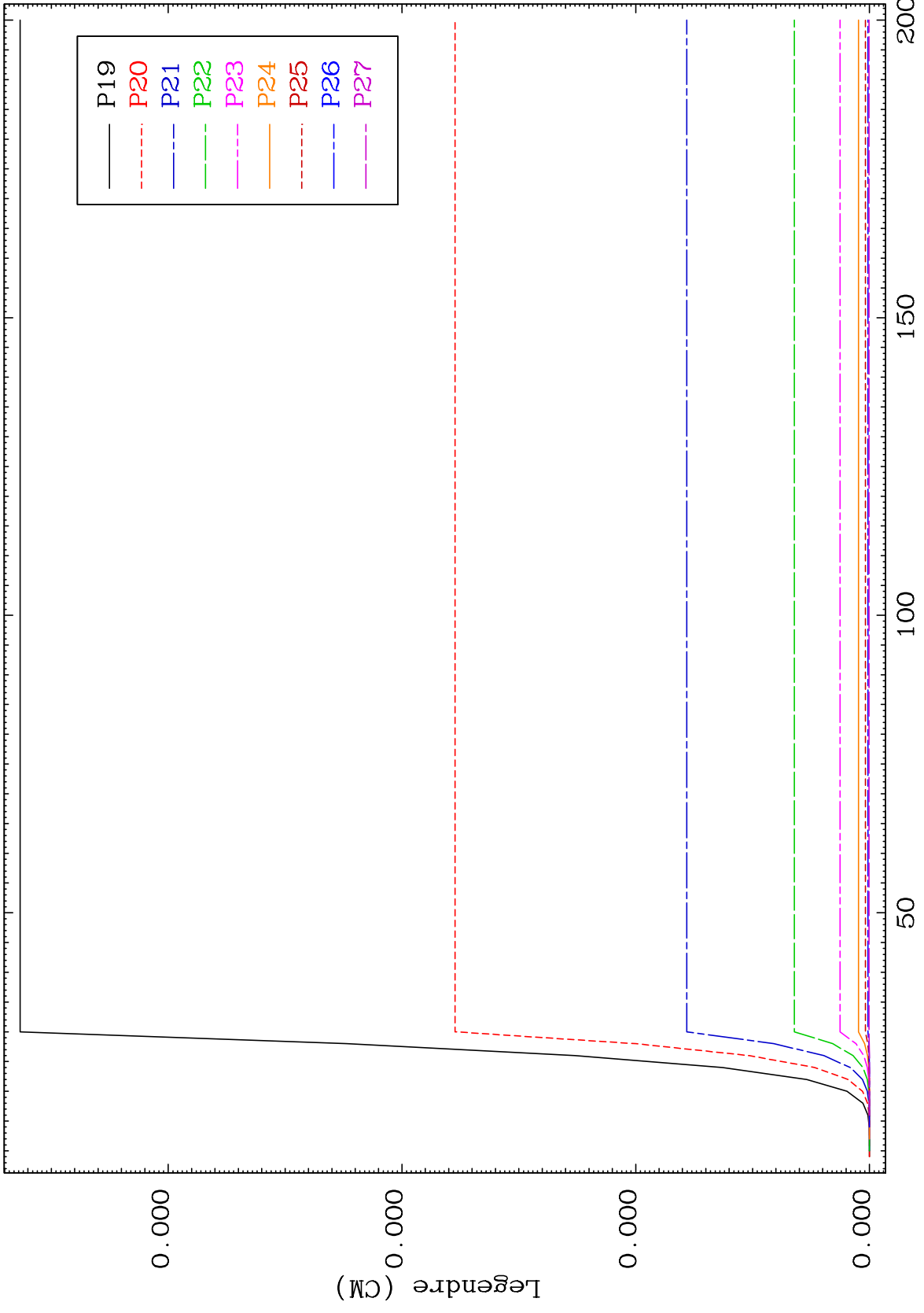
39

Incident Energy (MeV)

50-Sn-101



MAT 4992 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-101

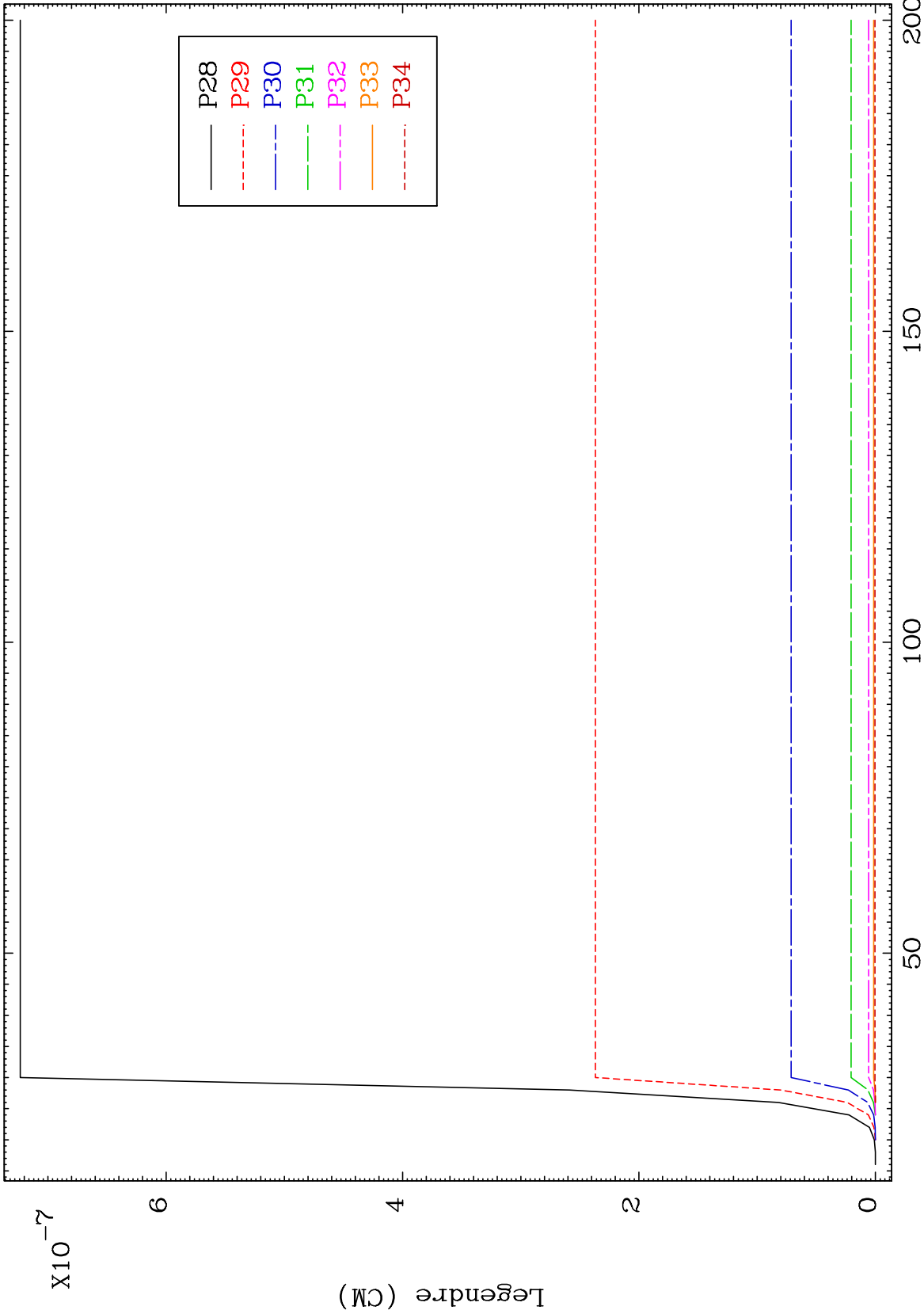


Legendre (CM) Incident Energy (MeV) 50-Sn-101

MAT 4992

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

50-Sn-101



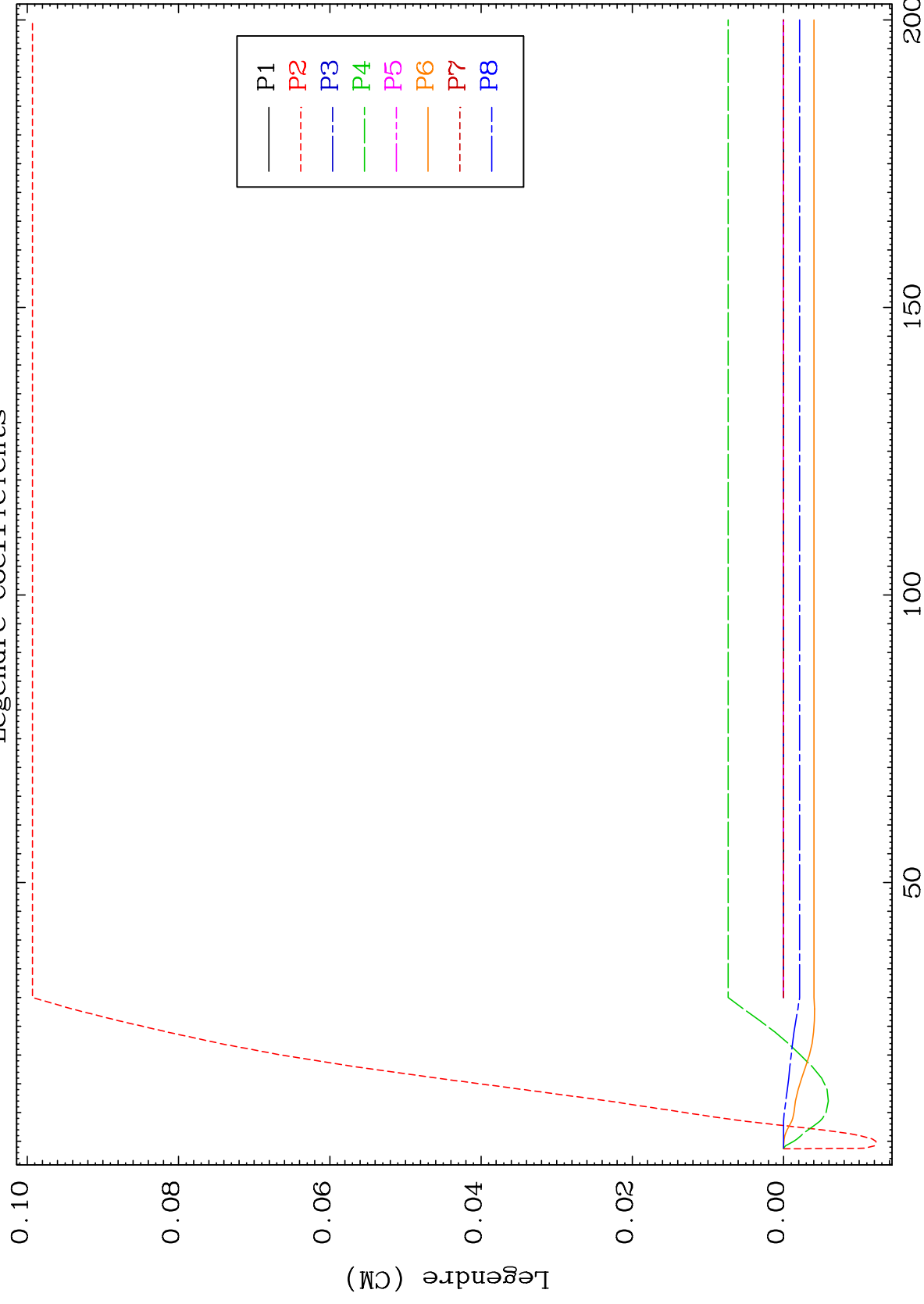
41

Incident Energy (MeV)

50-Sn-101

MAT 4992 MT= 58 (n,n') Level Legendre Coefficients

50-Sn-101

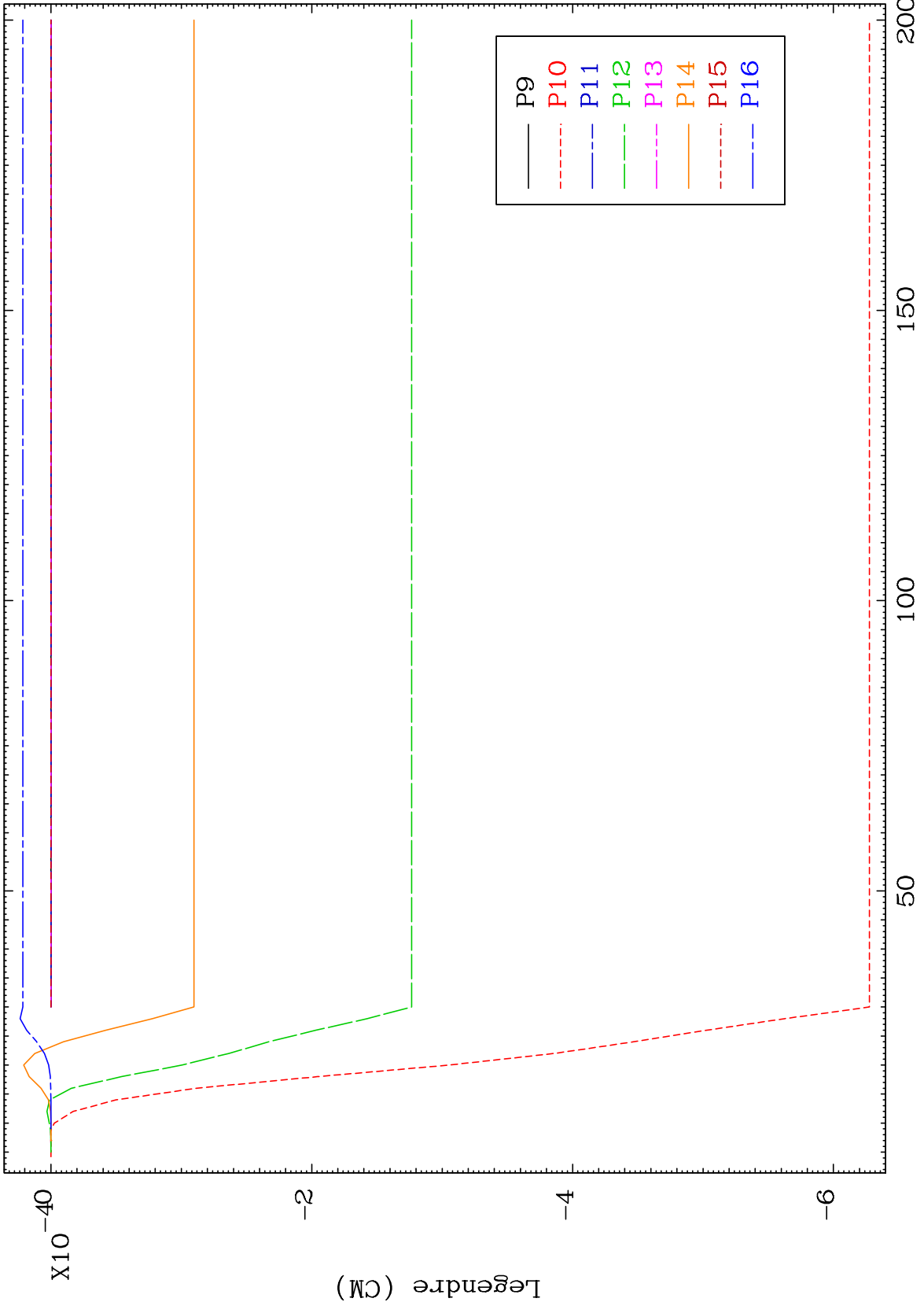


50-Sn-101

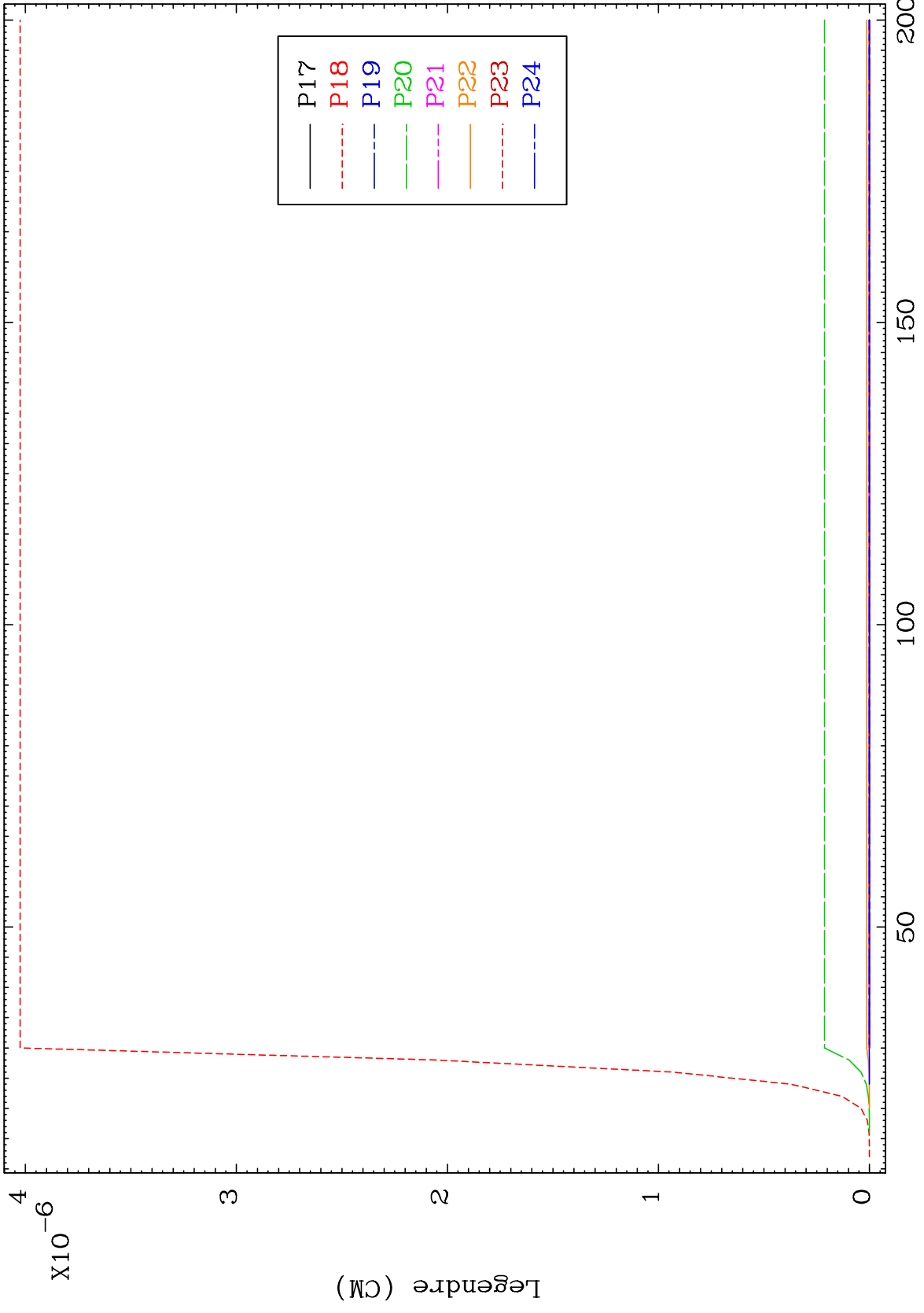
Incident Energy (MeV)

42

MAT 4992 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-101



MAT 4992 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-101



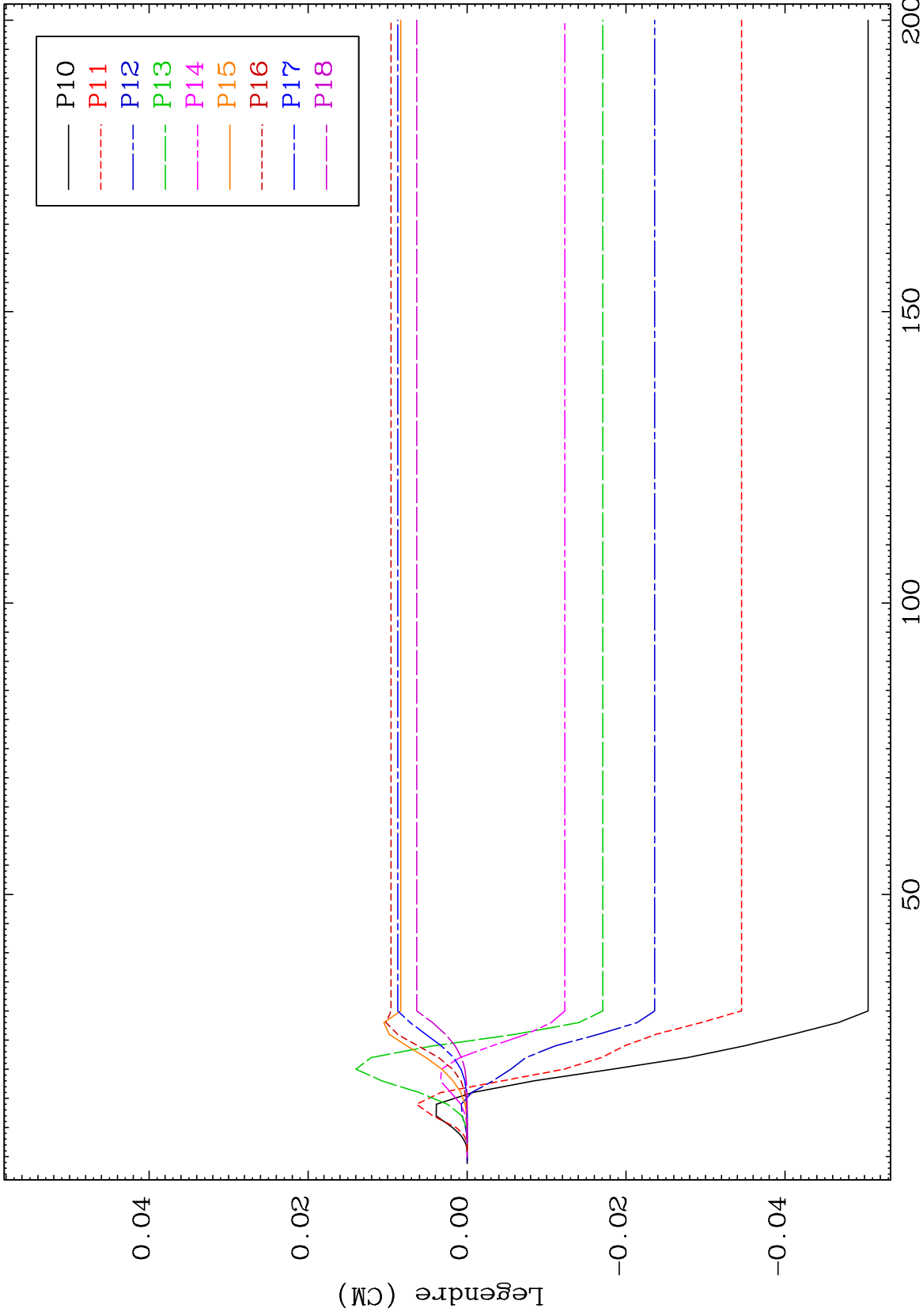
44 Incident Energy (MeV) 50-Sn-101



MAT 4992

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

50-Sn-101

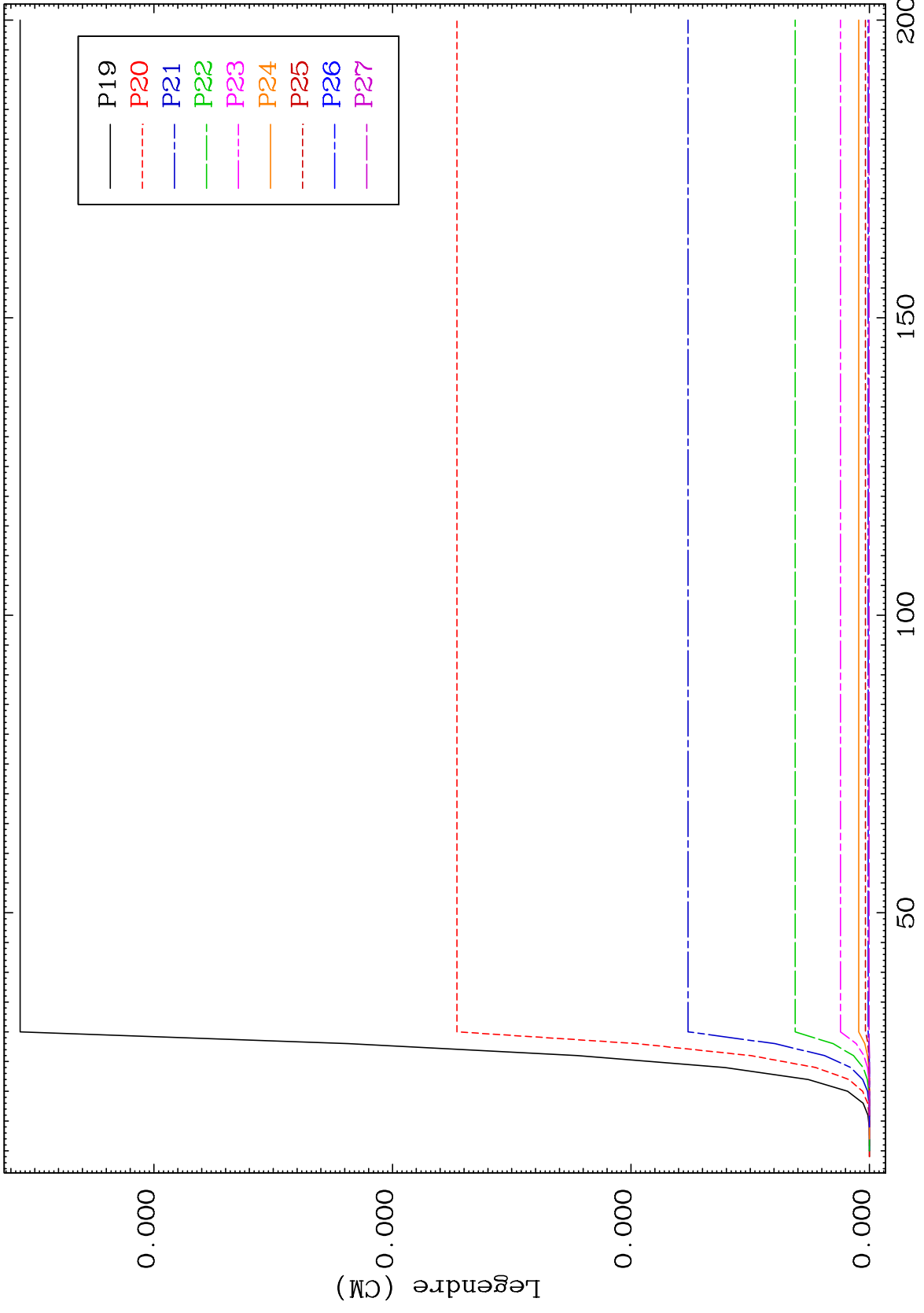


46

Incident Energy (MeV)

50-Sn-101

MAT 4992 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-101

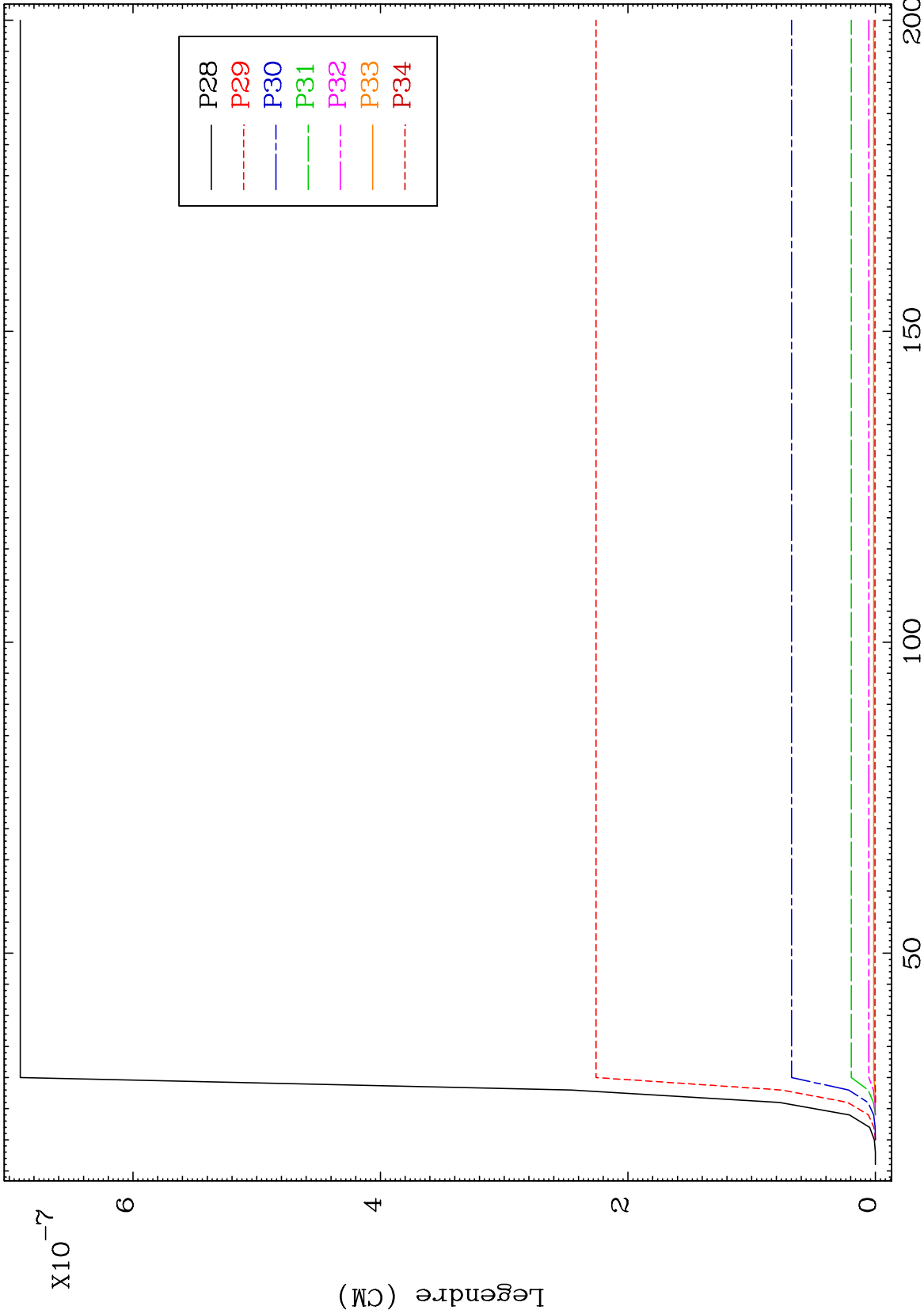




MAT 4992

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

50-Sn-101



48

Incident Energy (MeV)

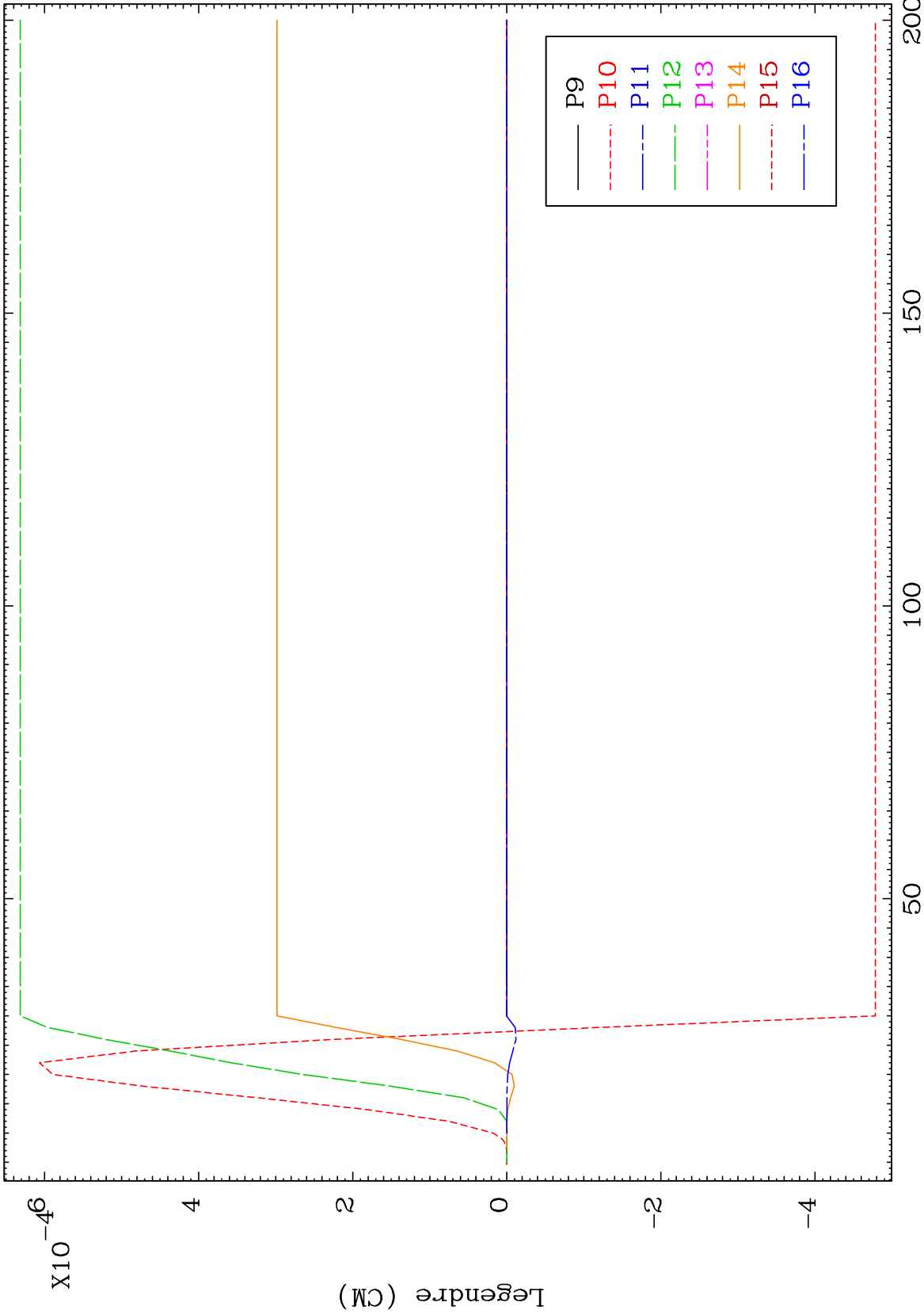
50-Sn-101



MAT 4992

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

50-Sn-101

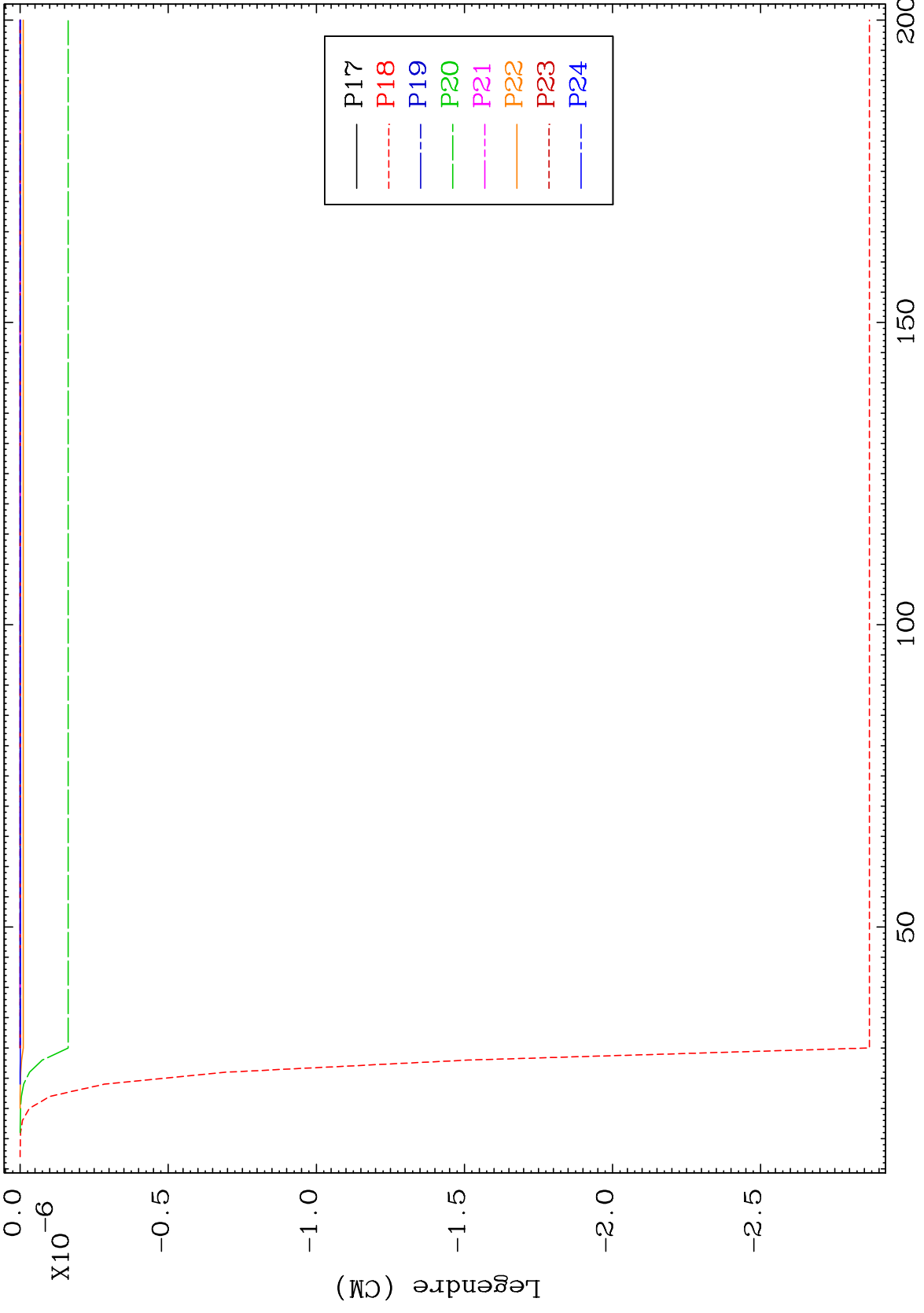


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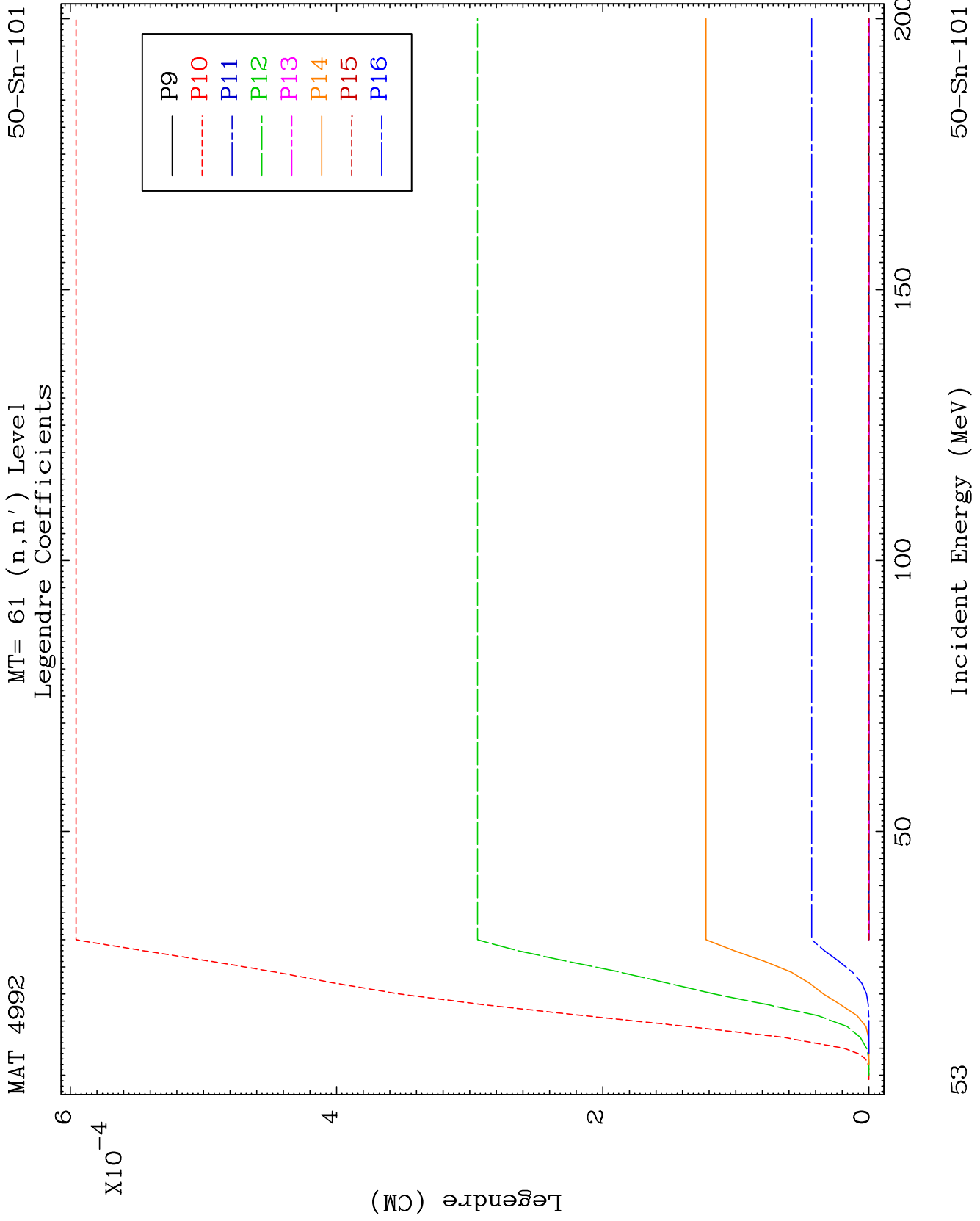
Incident Energy (MeV)

50-Sn-101

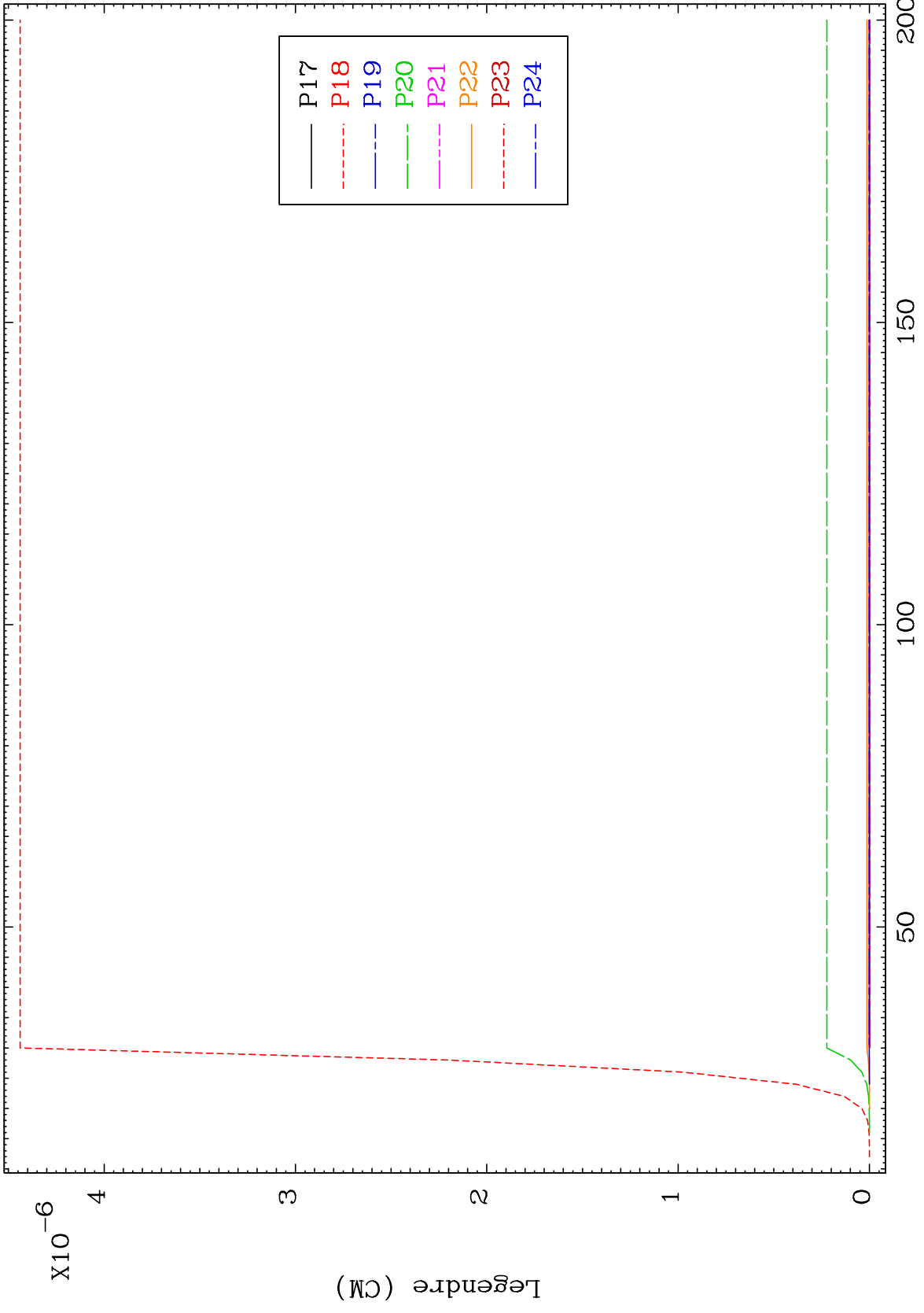
MAT 4992 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-101



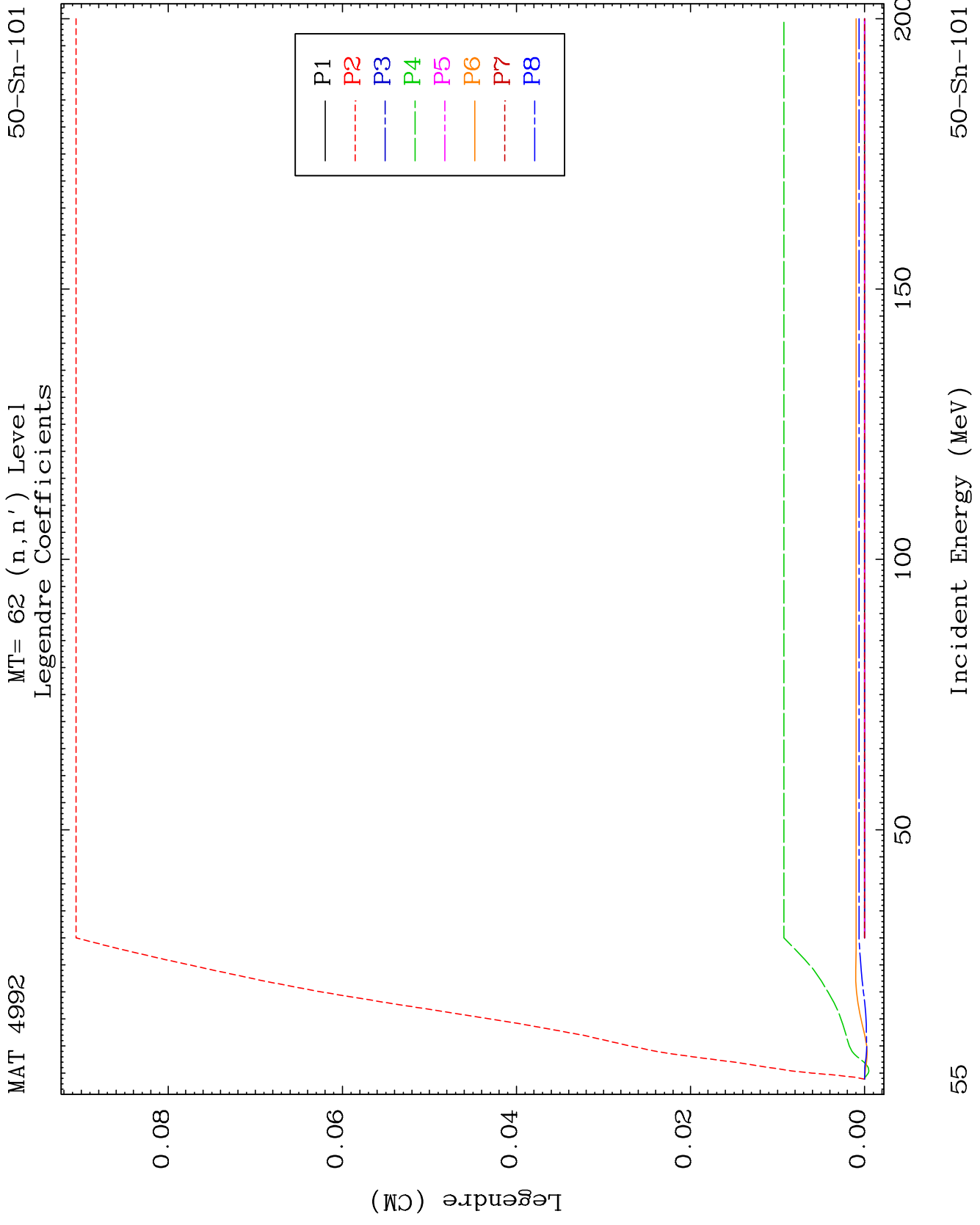




MAT 4992 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-101



54 Incident Energy (MeV) 50-Sn-101

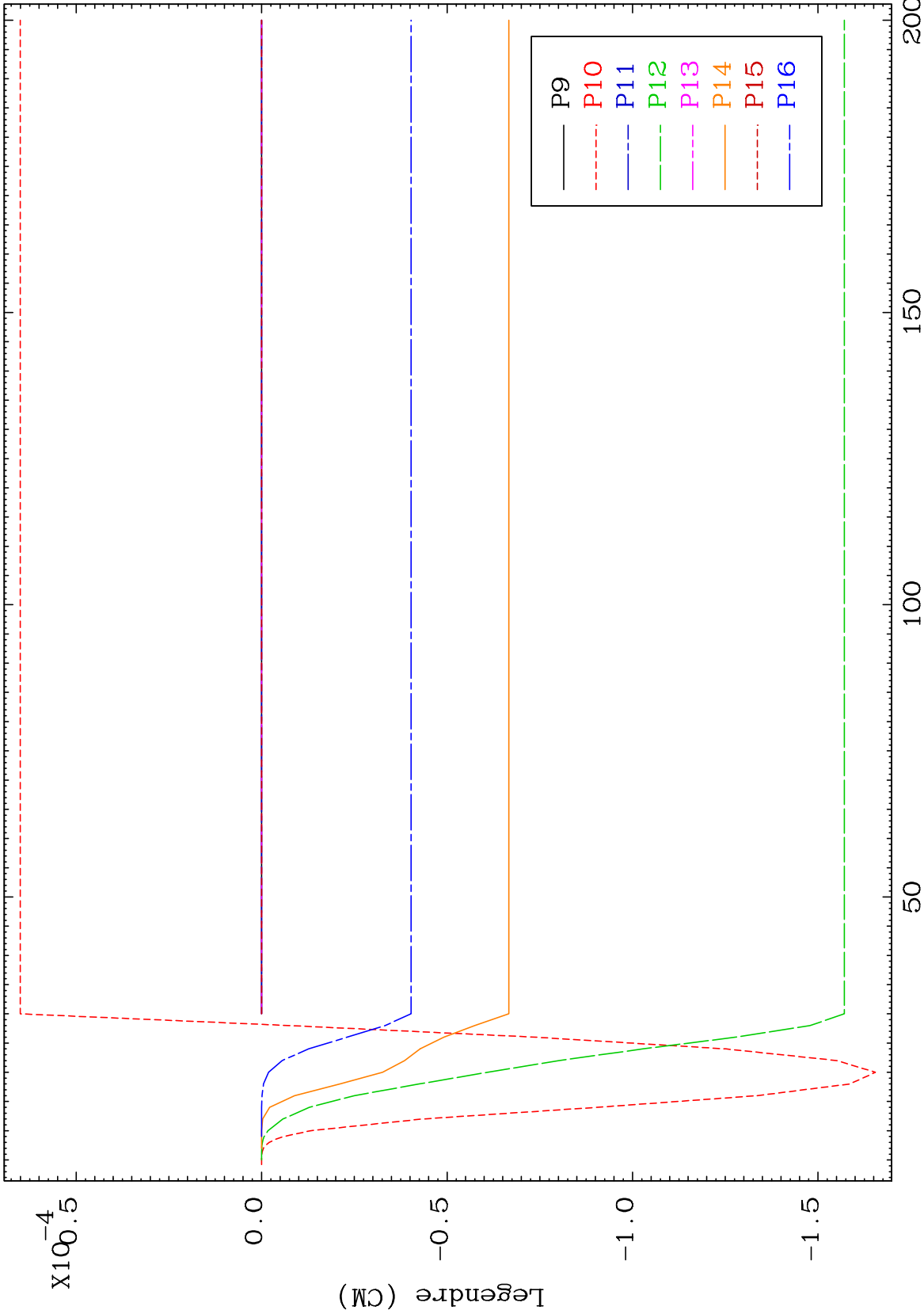




MAT 4992

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

50-Sn-101

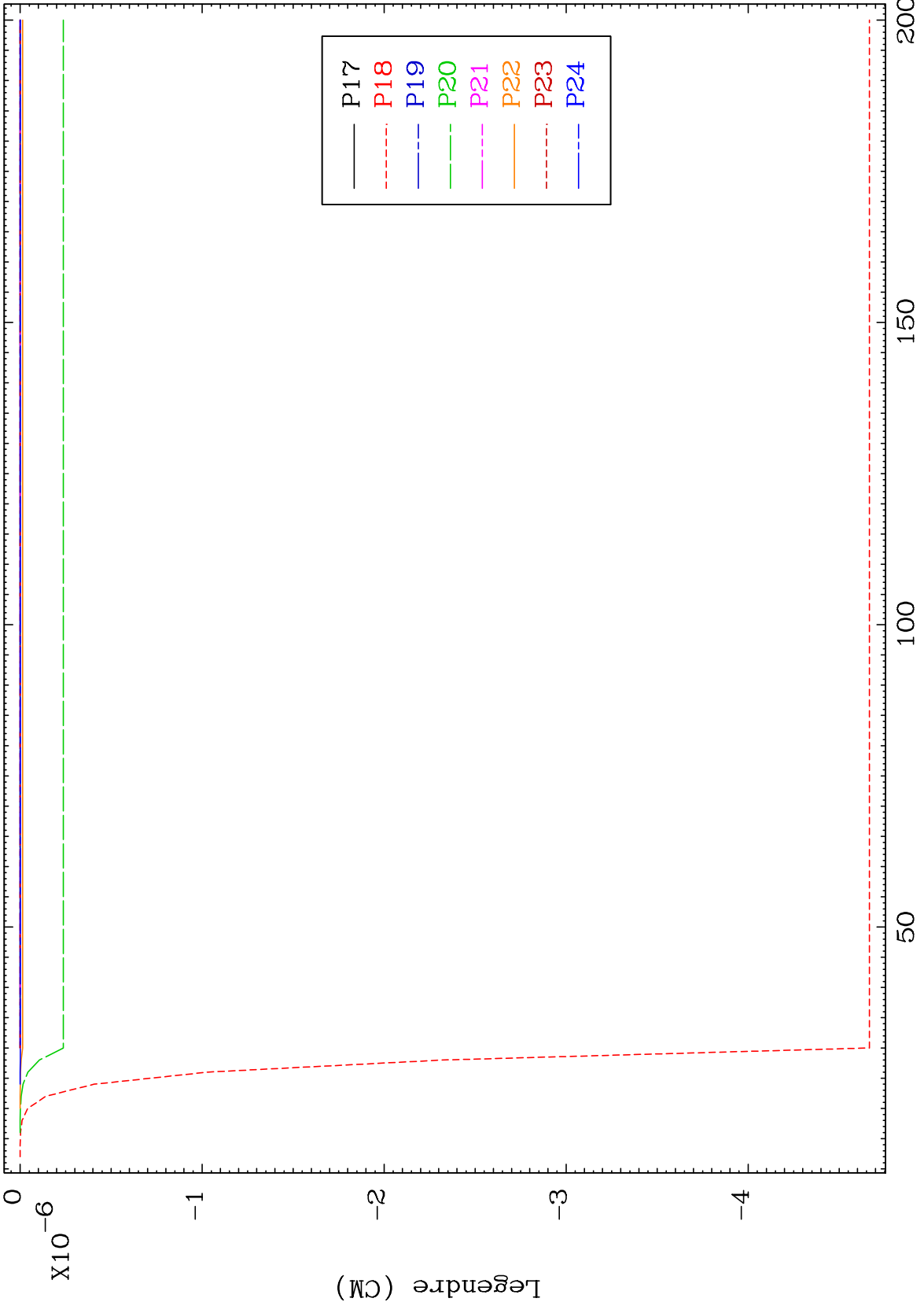


56

Incident Energy (MeV)

50-Sn-101

MAT 4992 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-101

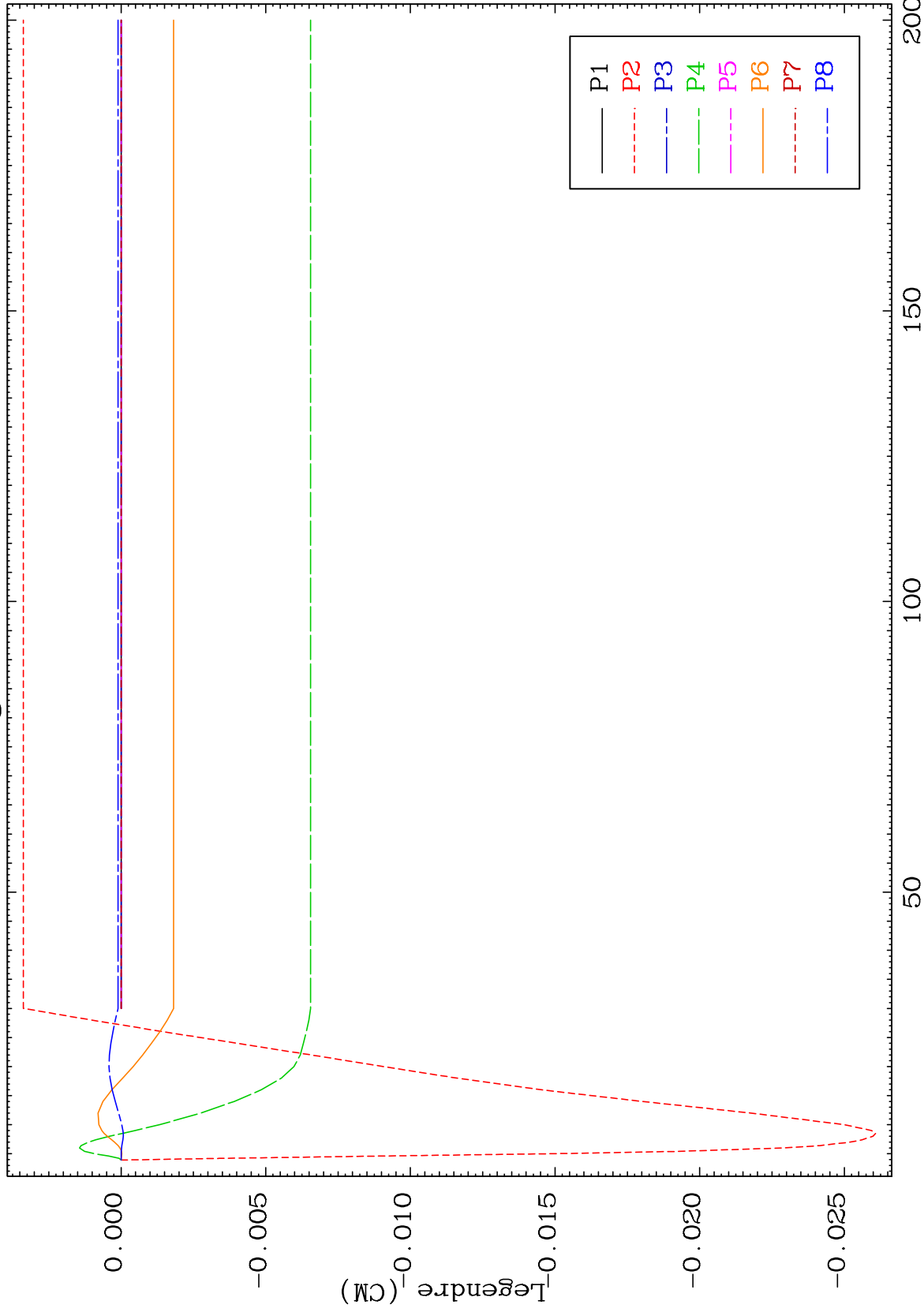


57 50-Sn-101

MAT 4992

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

50-Sn-101



58

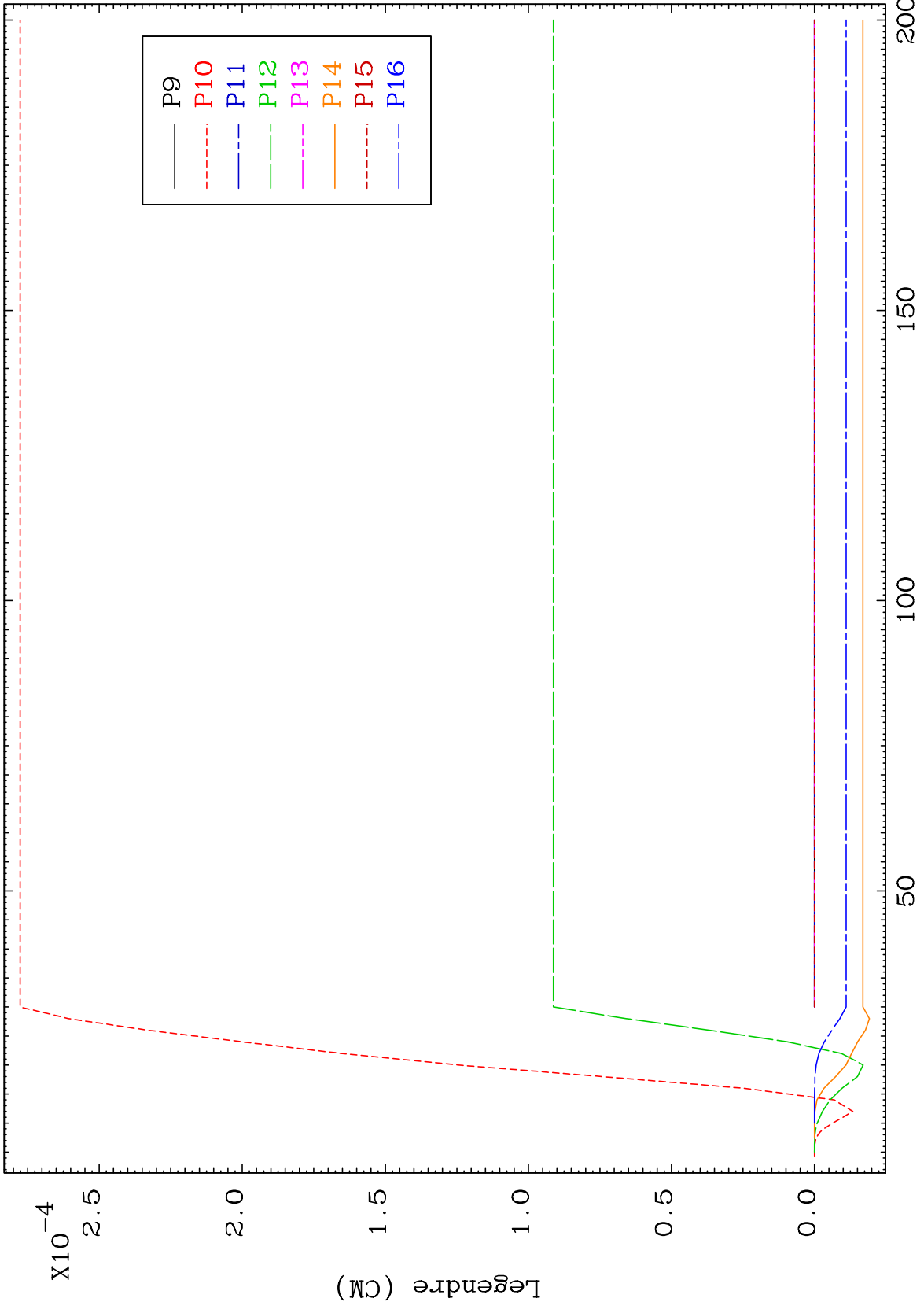
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

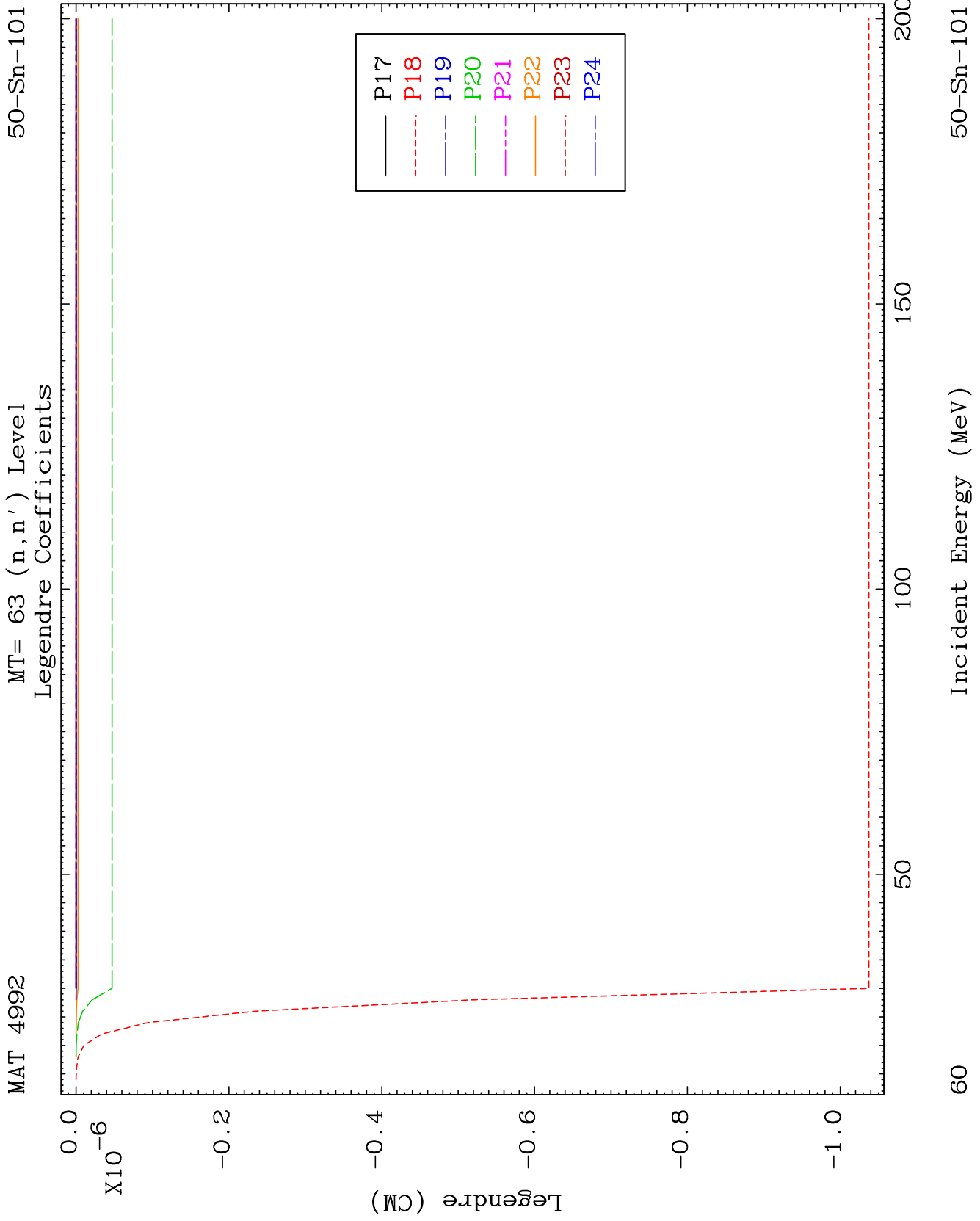
50-Sn-101



59

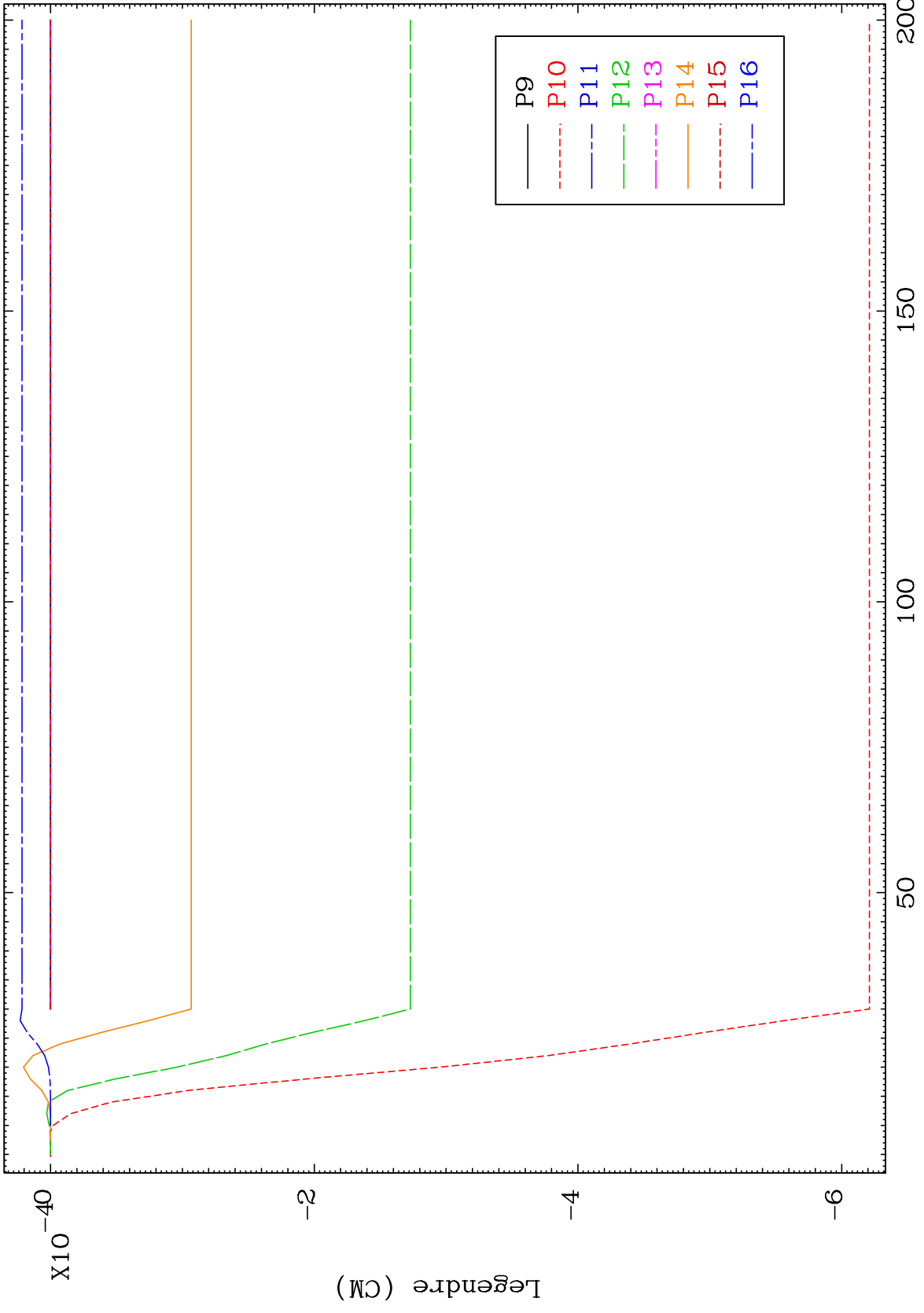
Incident Energy (MeV)

50-Sn-101



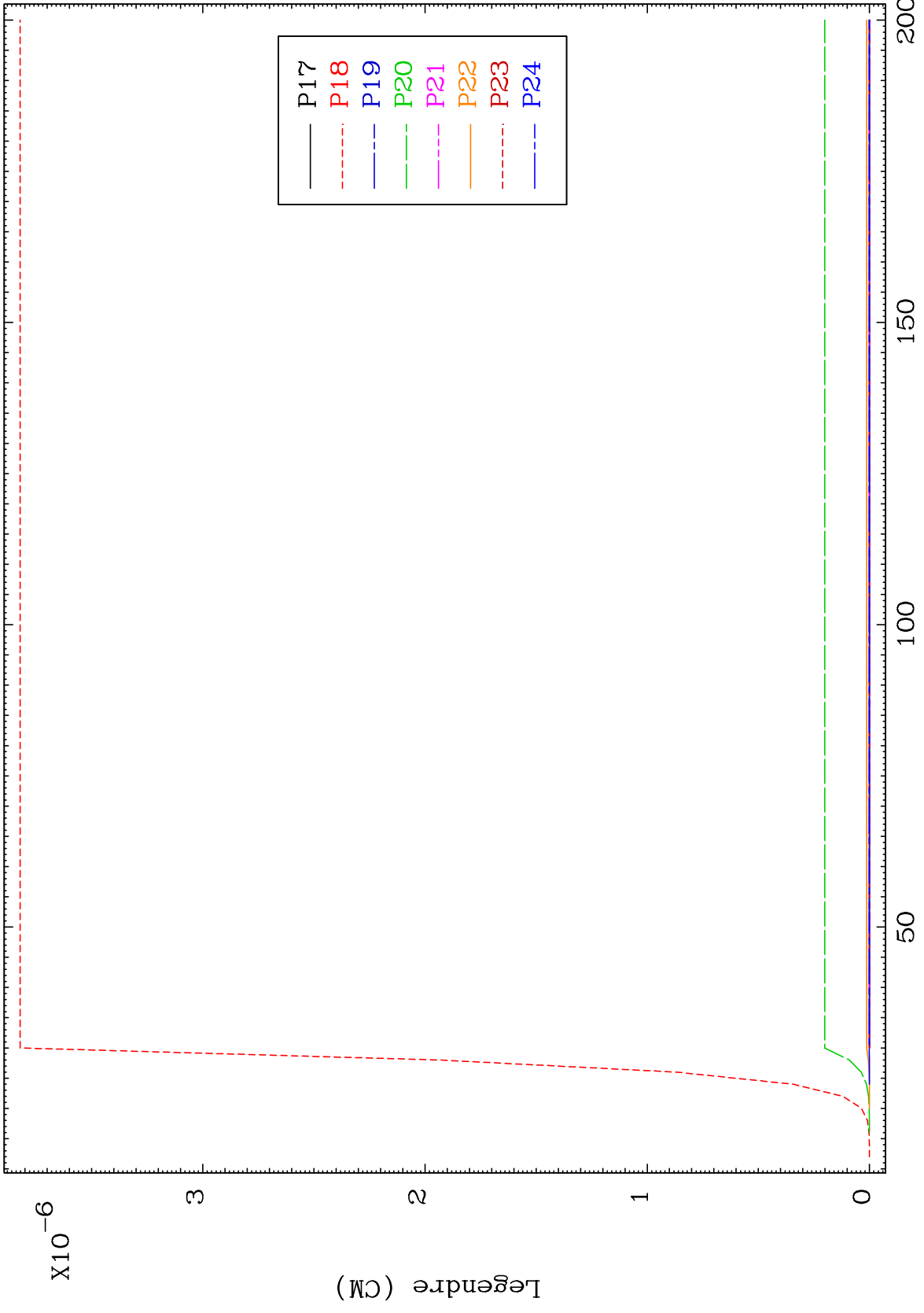


MAT 4992 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-101



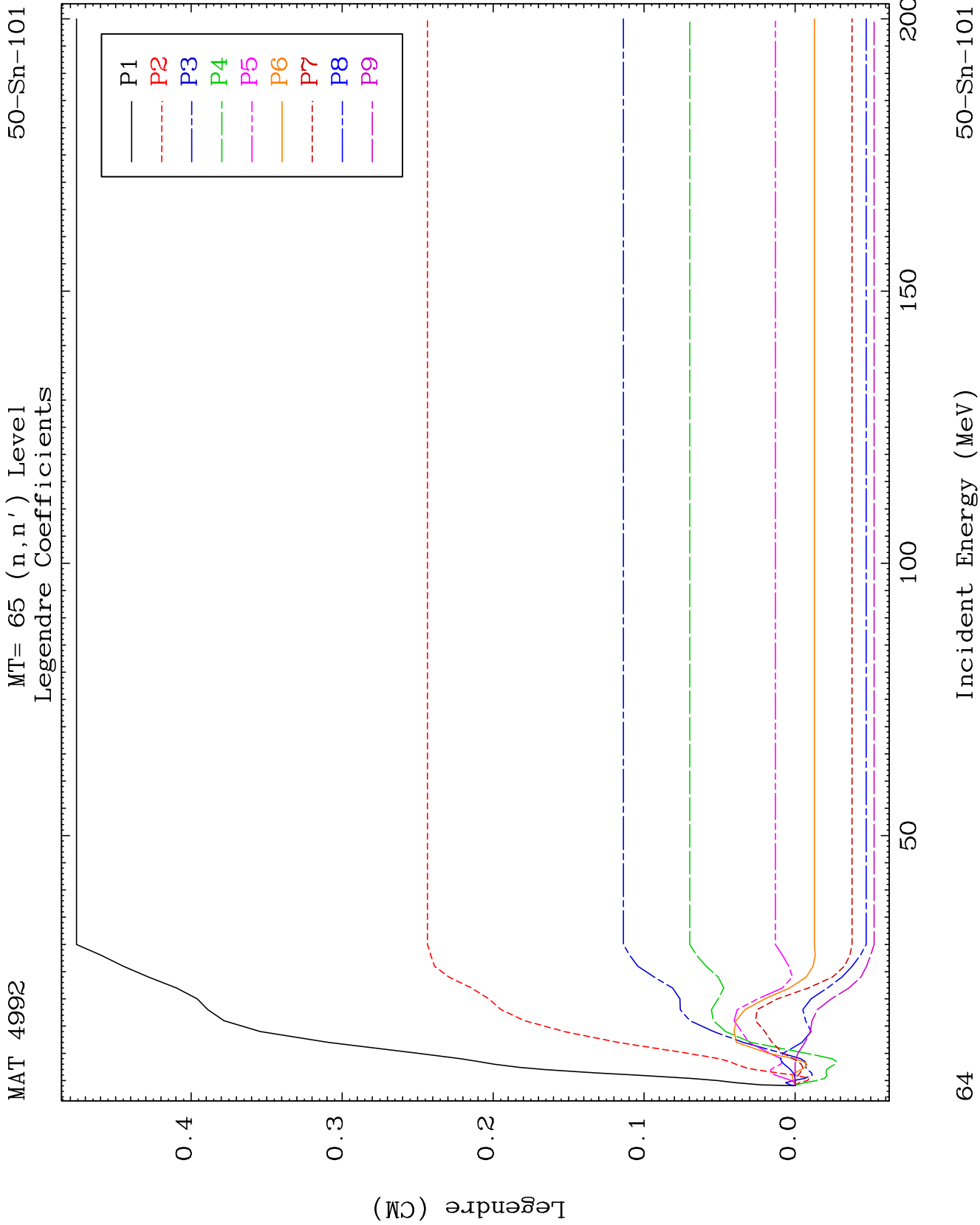
62 50-Sn-101

MAT 4992 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-101



63 Incident Energy (MeV) 50-Sn-101

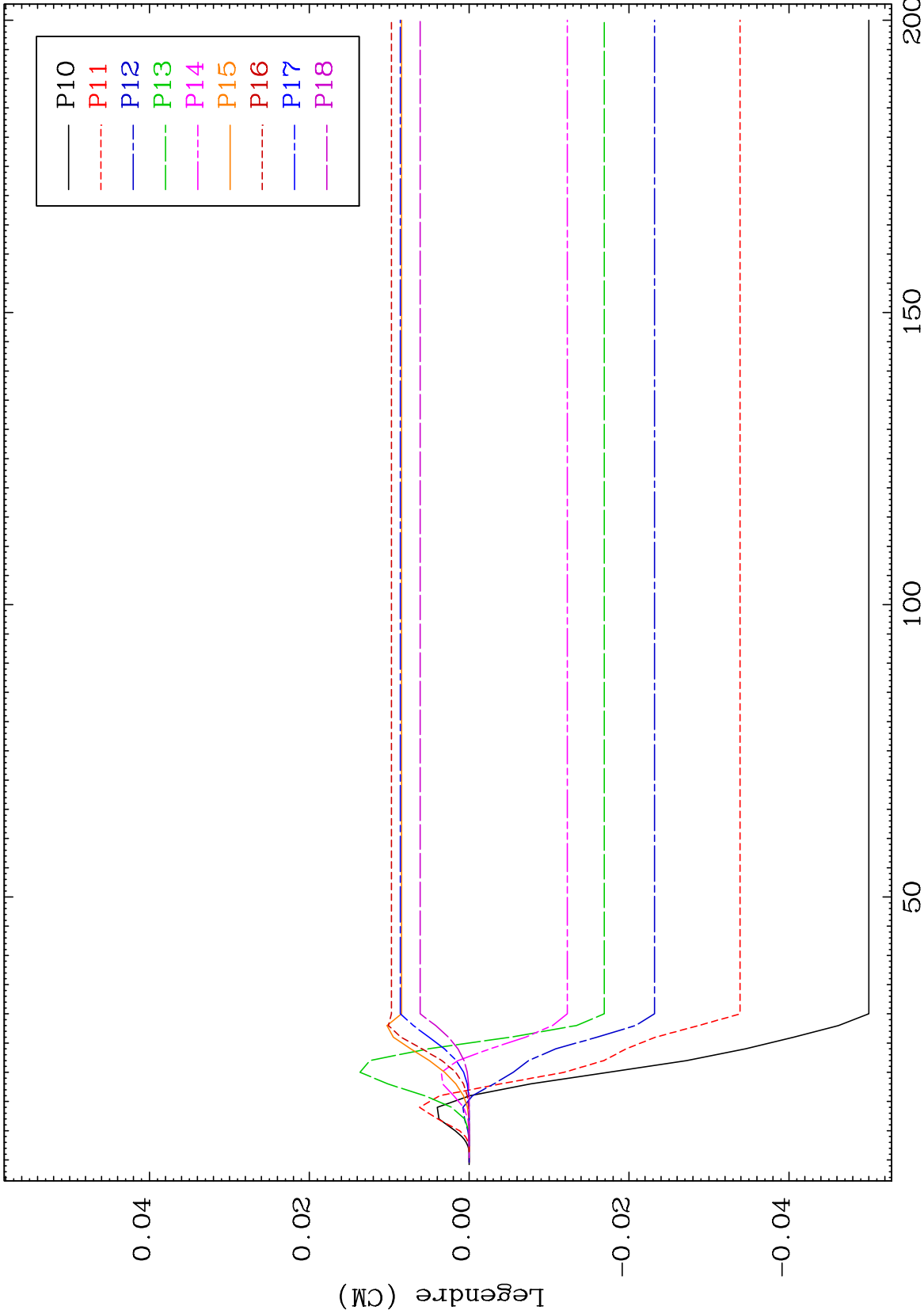




MAT 4992

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

50-Sn-101

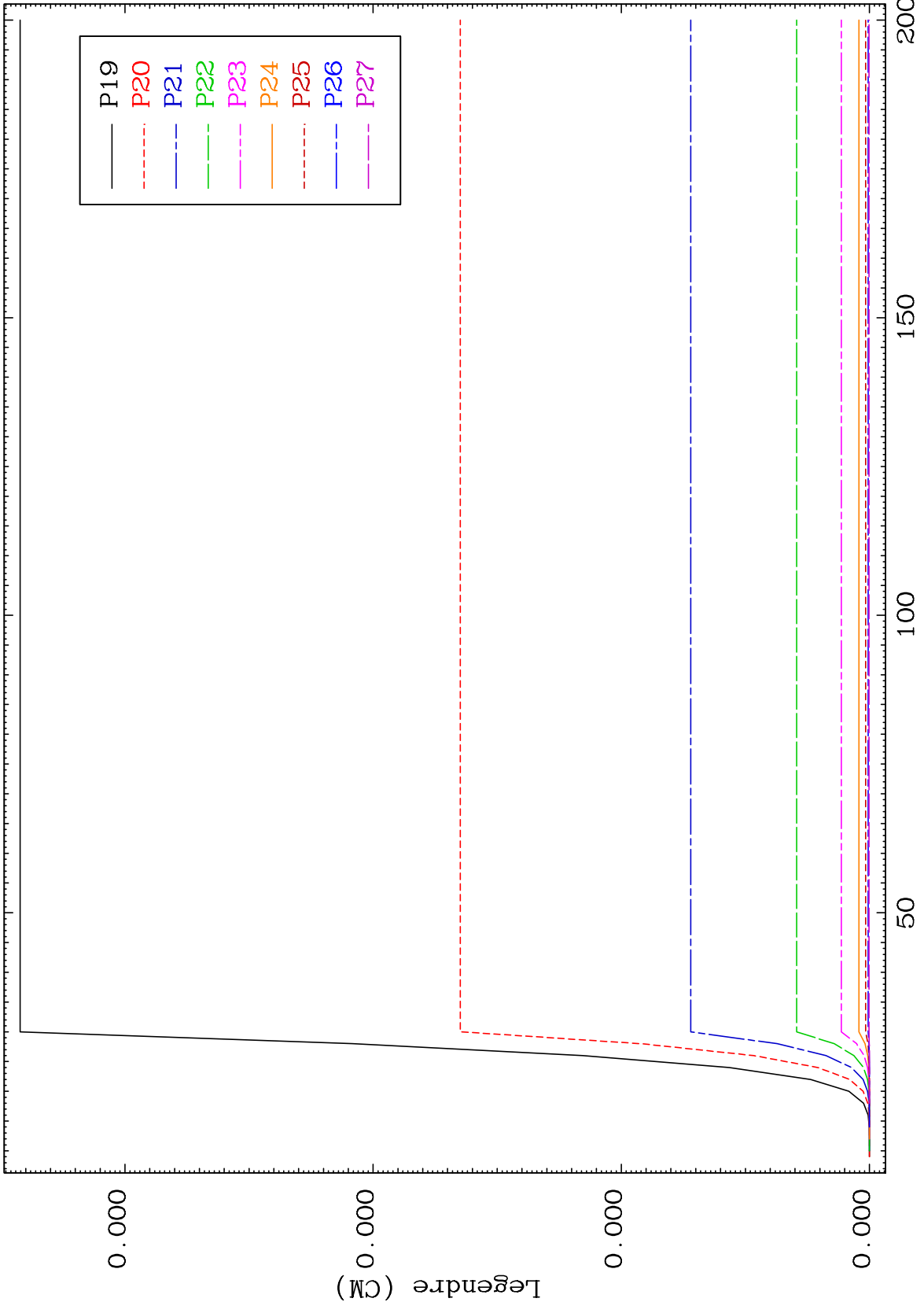


65

Incident Energy (MeV)

50-Sn-101

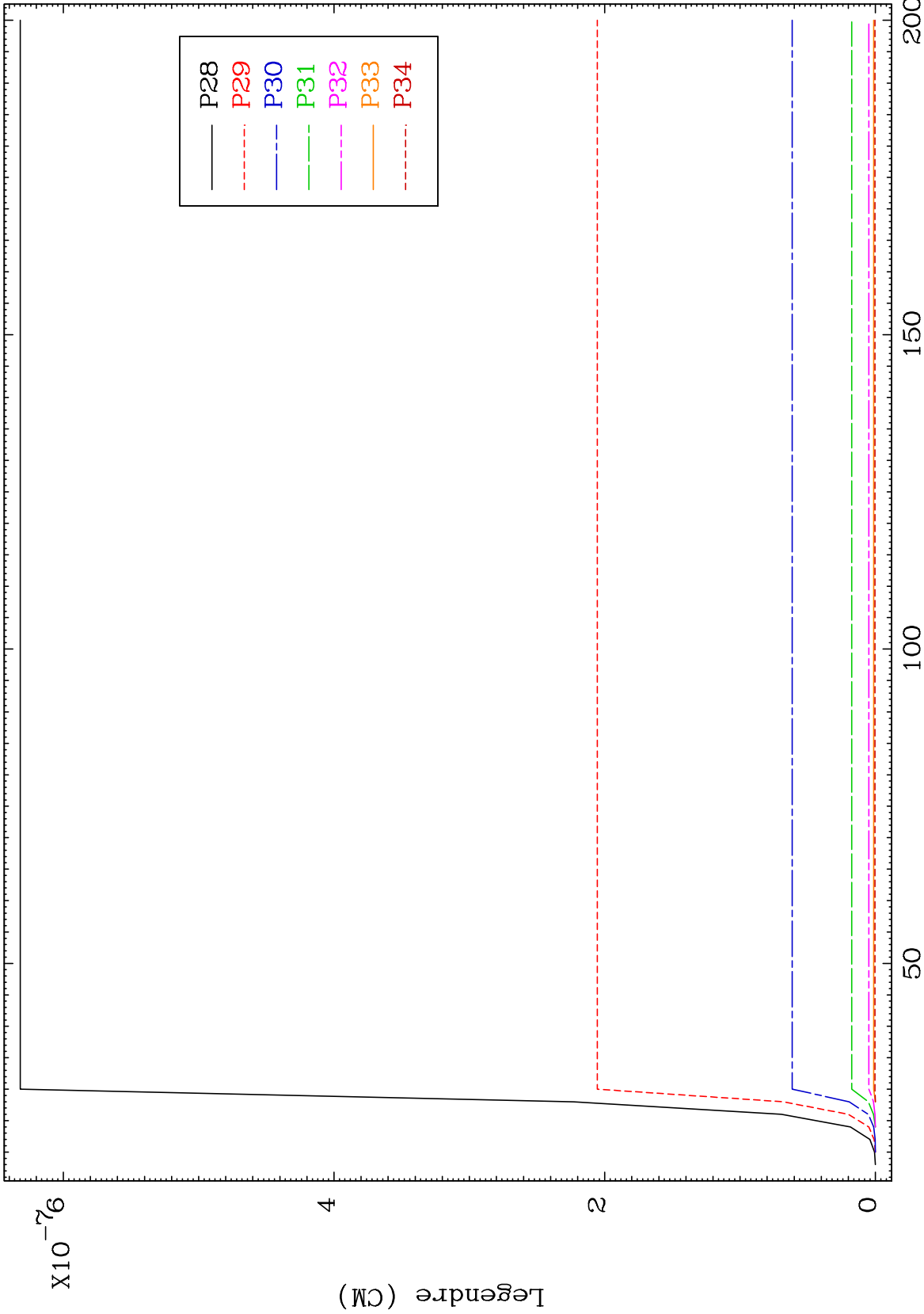
MAT 4992 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-101



MAT 4992

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

50-Sn-101



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Incident Energy (MeV)

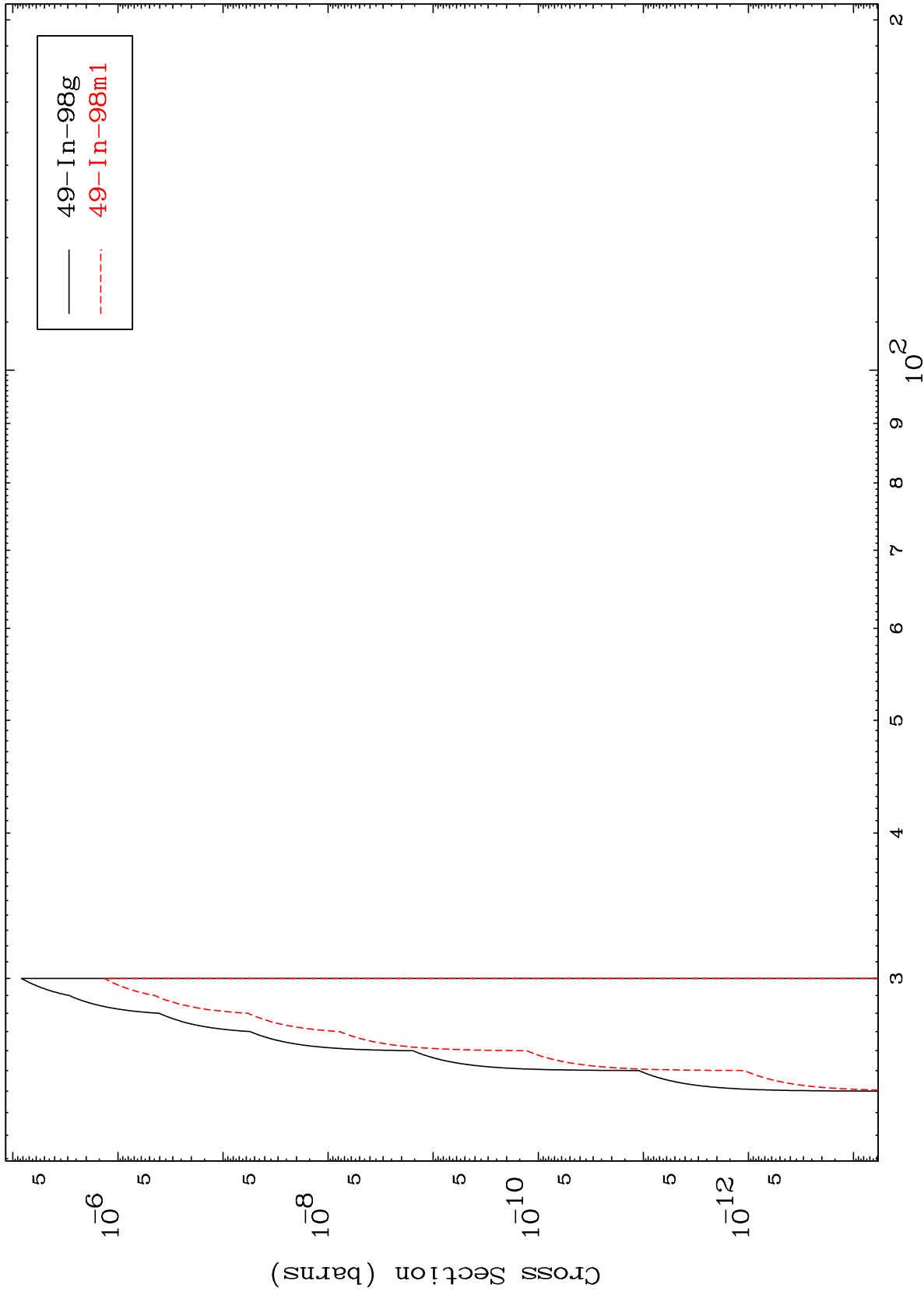
50-Sn-101

MAT 4992

(n,n') t

50-Sn-101

Radionuclide Production Cross Section



68

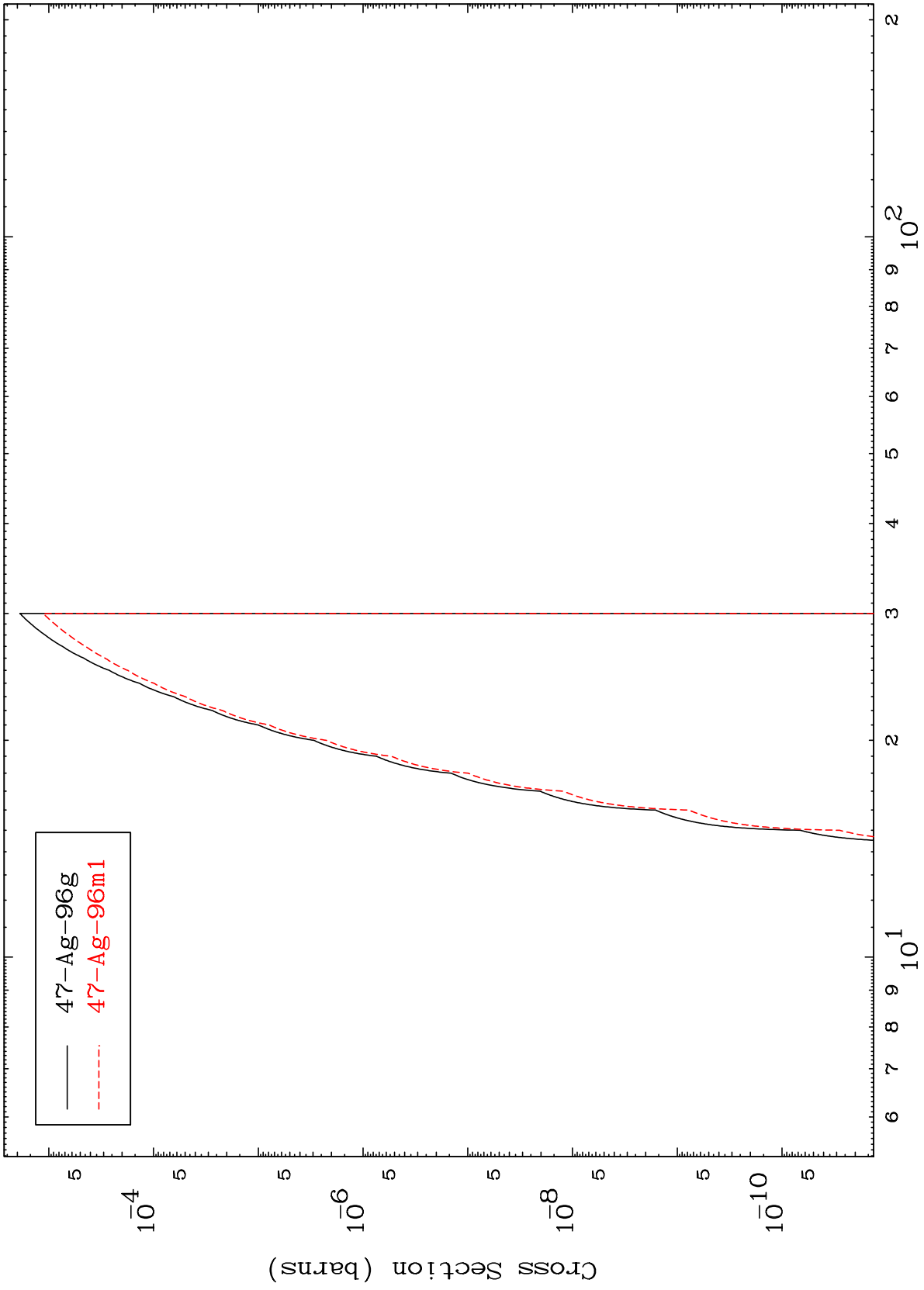
Incident Energy (MeV)

50-Sn-101

MAT 4992

50-Sn-101

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



69

50-Sn-101

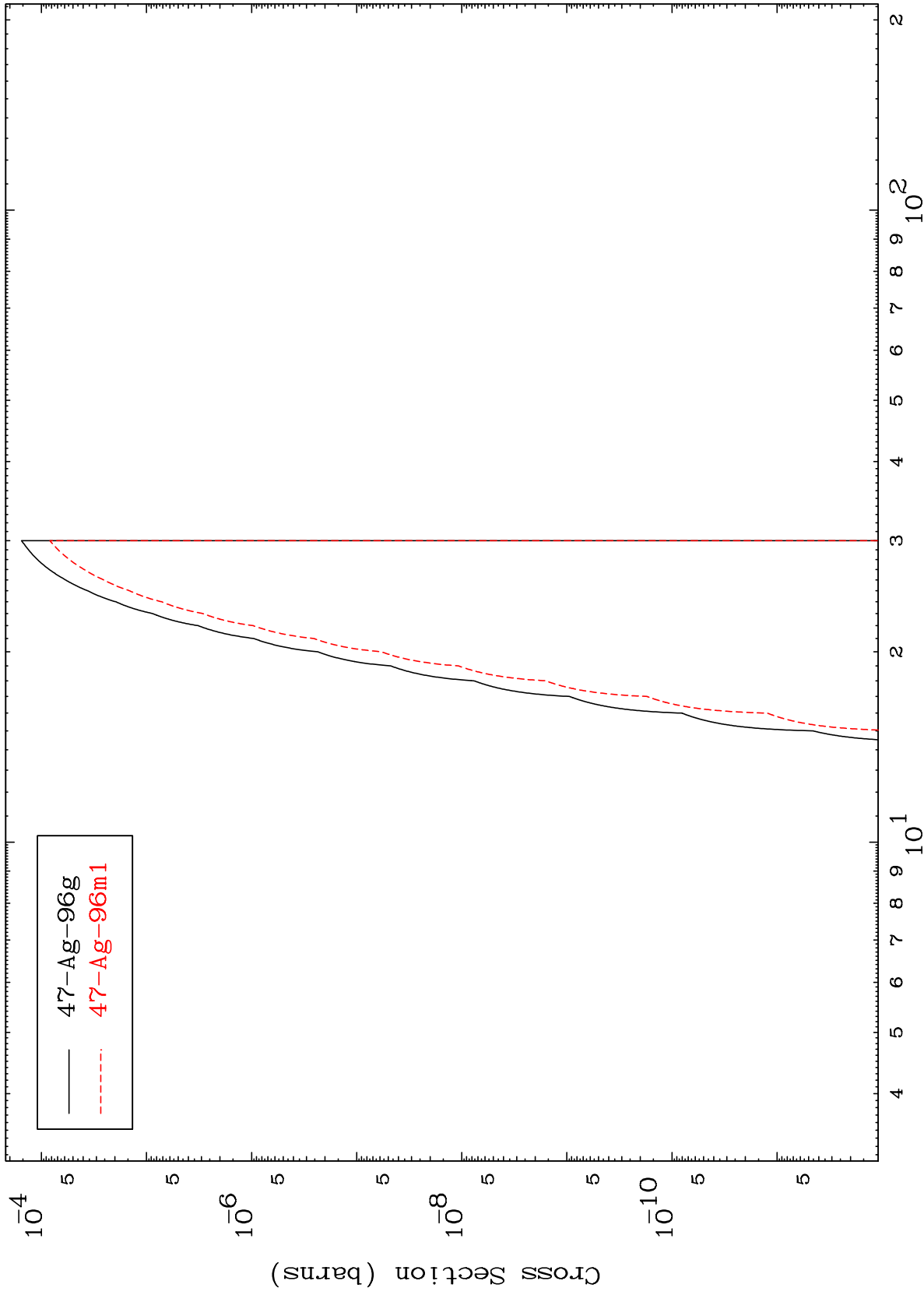
Incident Energy (MeV)

MAT 4992

(n,d)  $\alpha$

50-Sn-101

Radionuclide Production Cross Section



70

Incident Energy (MeV)

50-Sn-101