

Program EVALPLOT  
(Version 2021-1)

by

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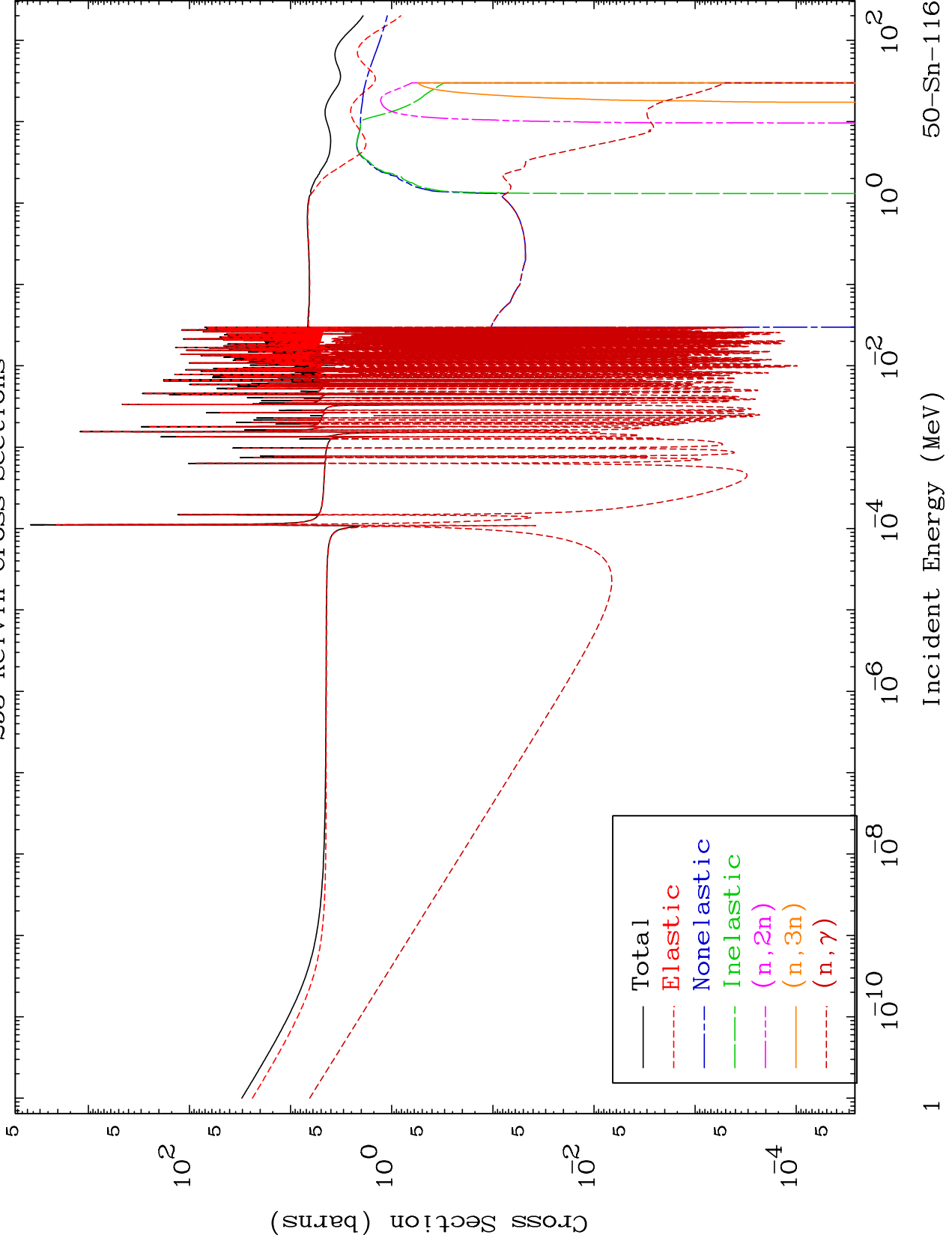
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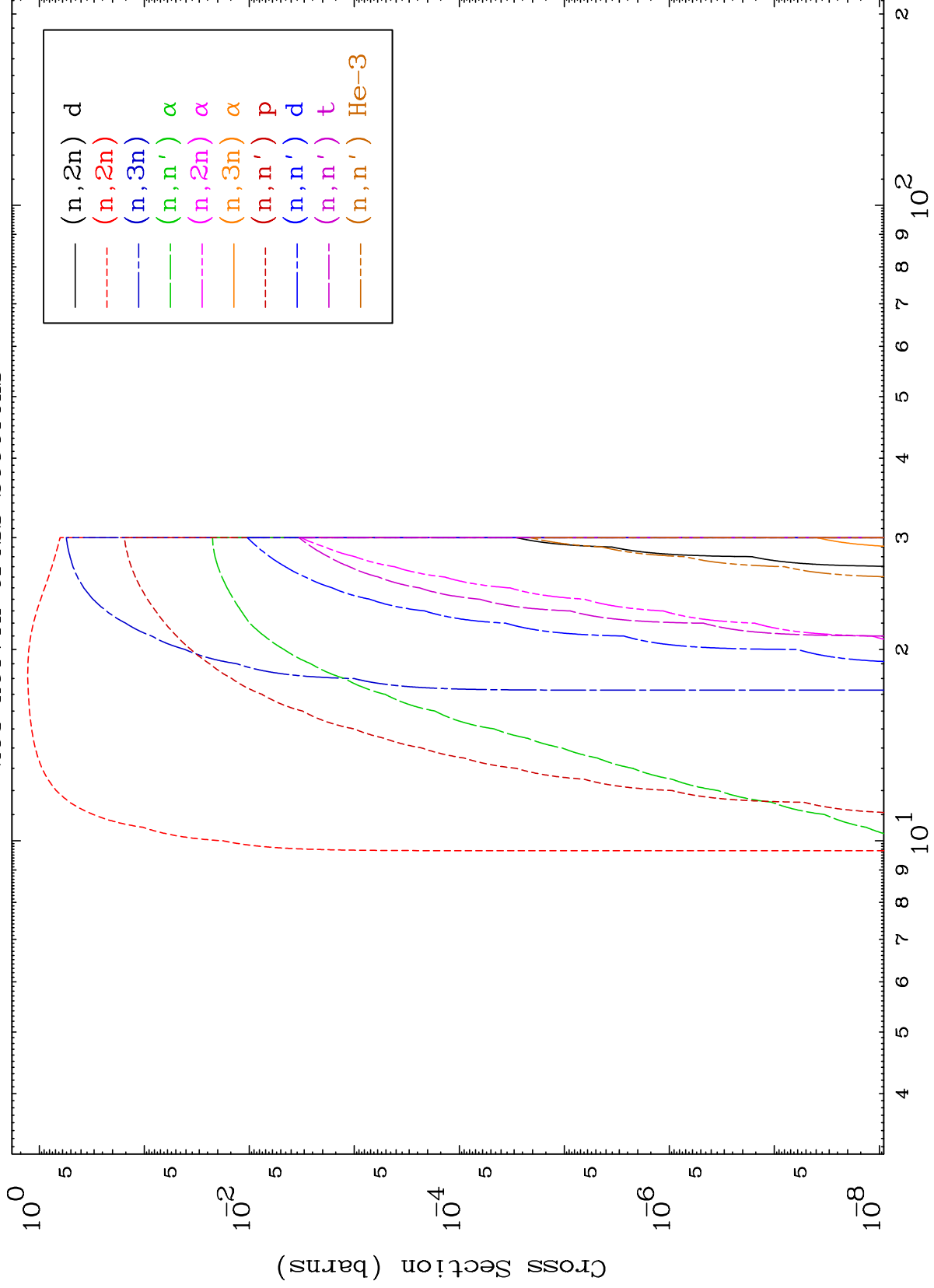
Press Mouse Button to Start

MAT 5037

Neutron Major  
293 Kelvin Cross Sections

50-Sn-116

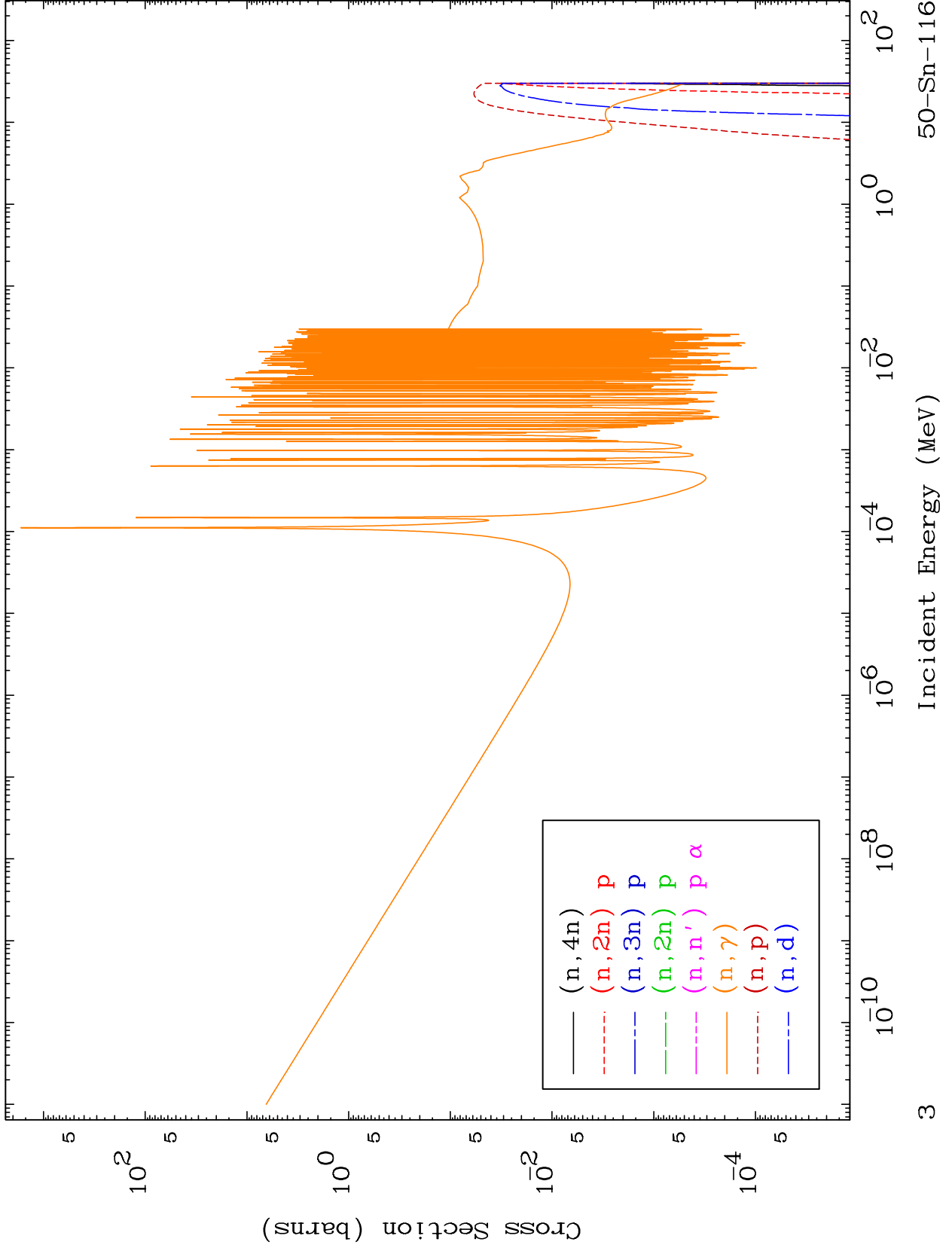




MAT 5037

Neutron Absorption  
293 Kelvin Cross Sections

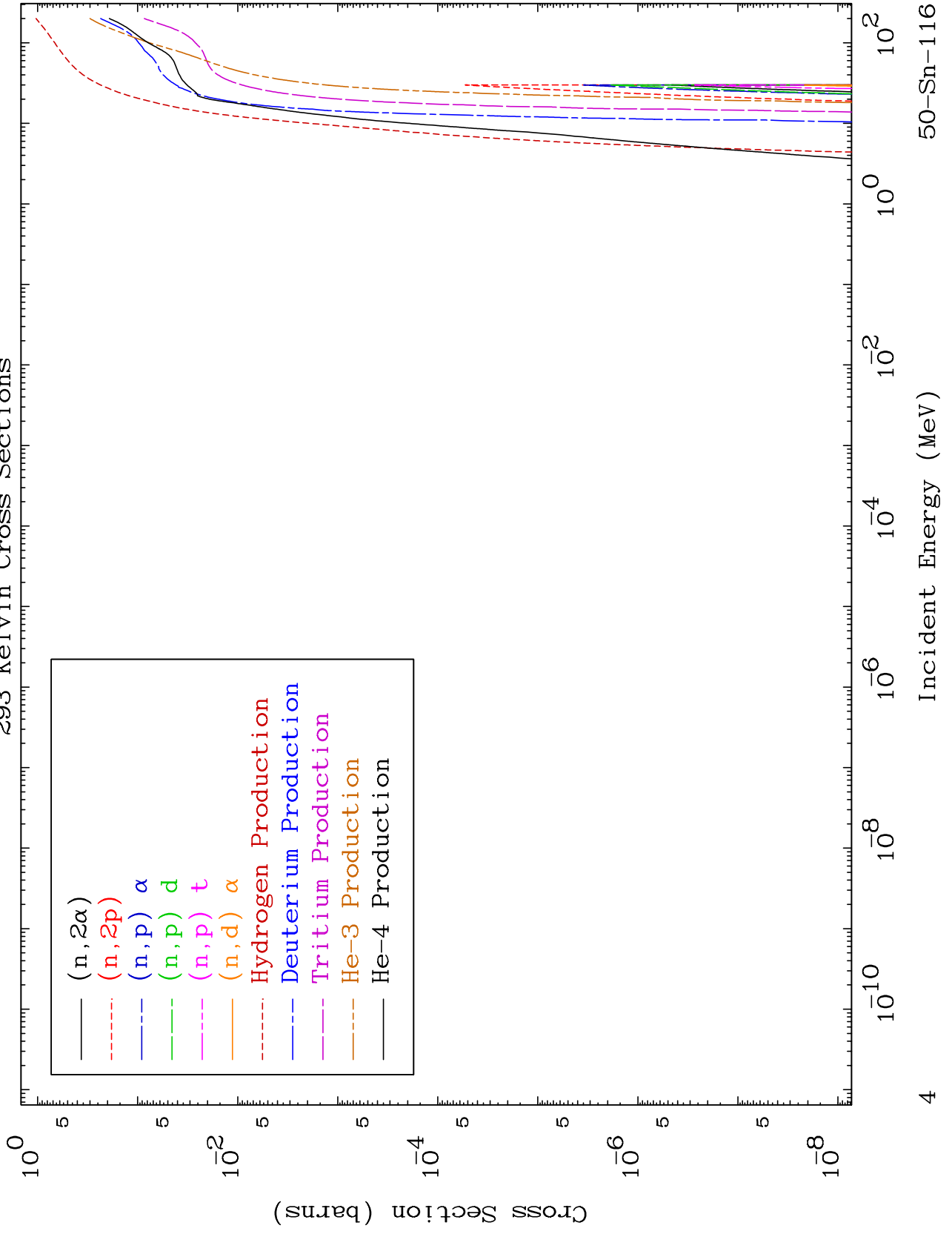
50-Sn-116

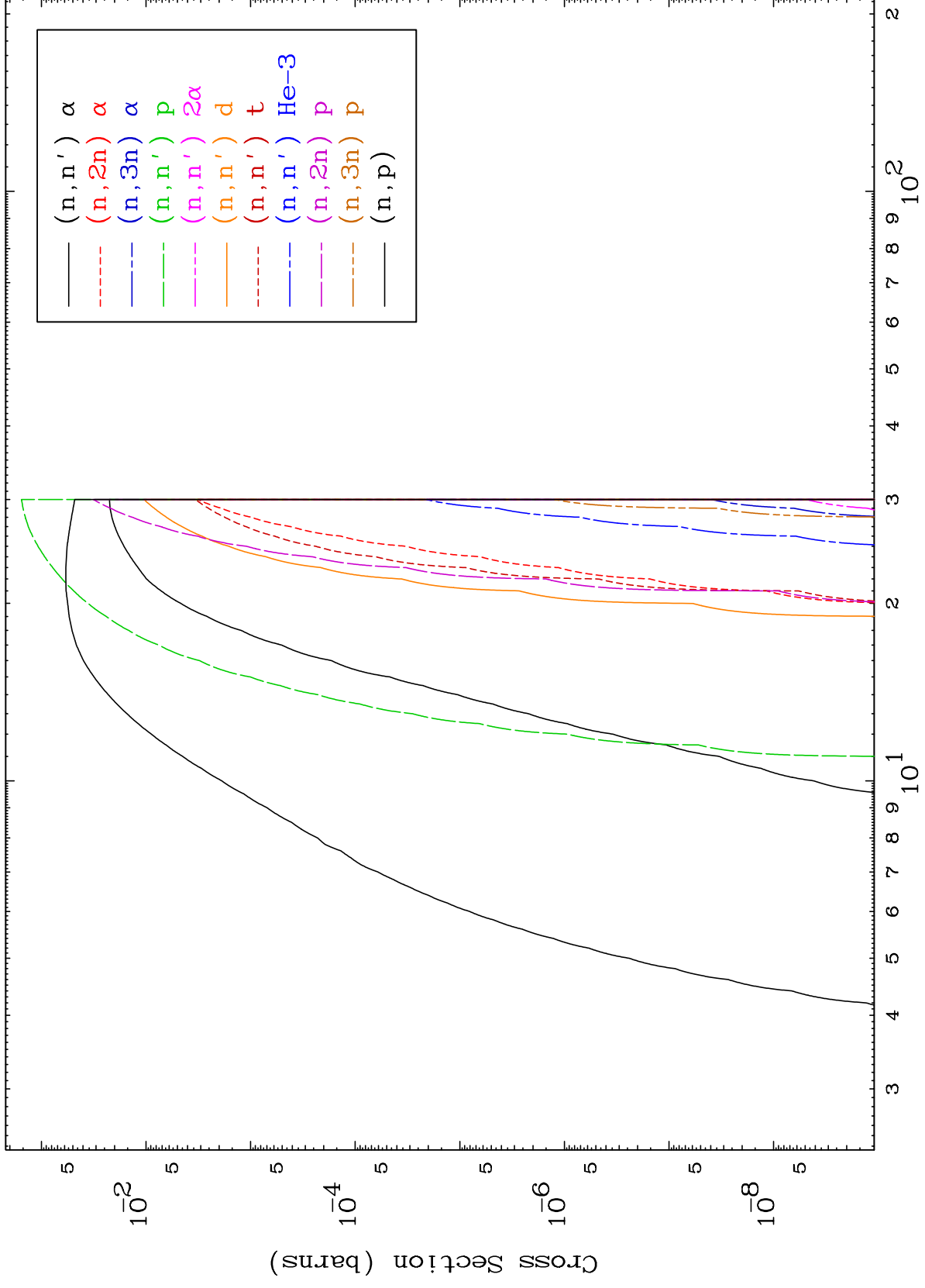


MAT 5037

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-116

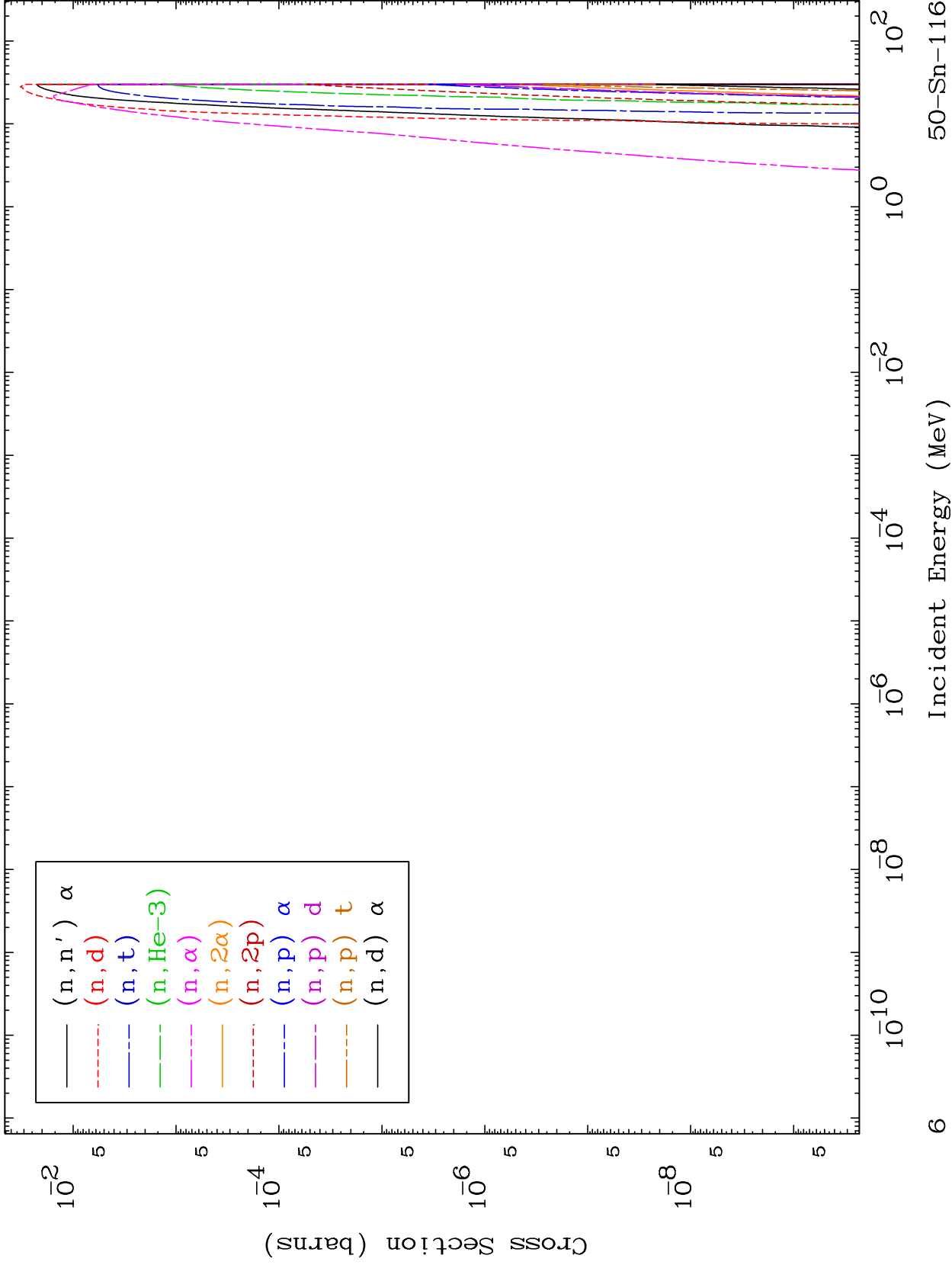




MAT 5037

Charged Particle  
293 Kelvin Cross Sections

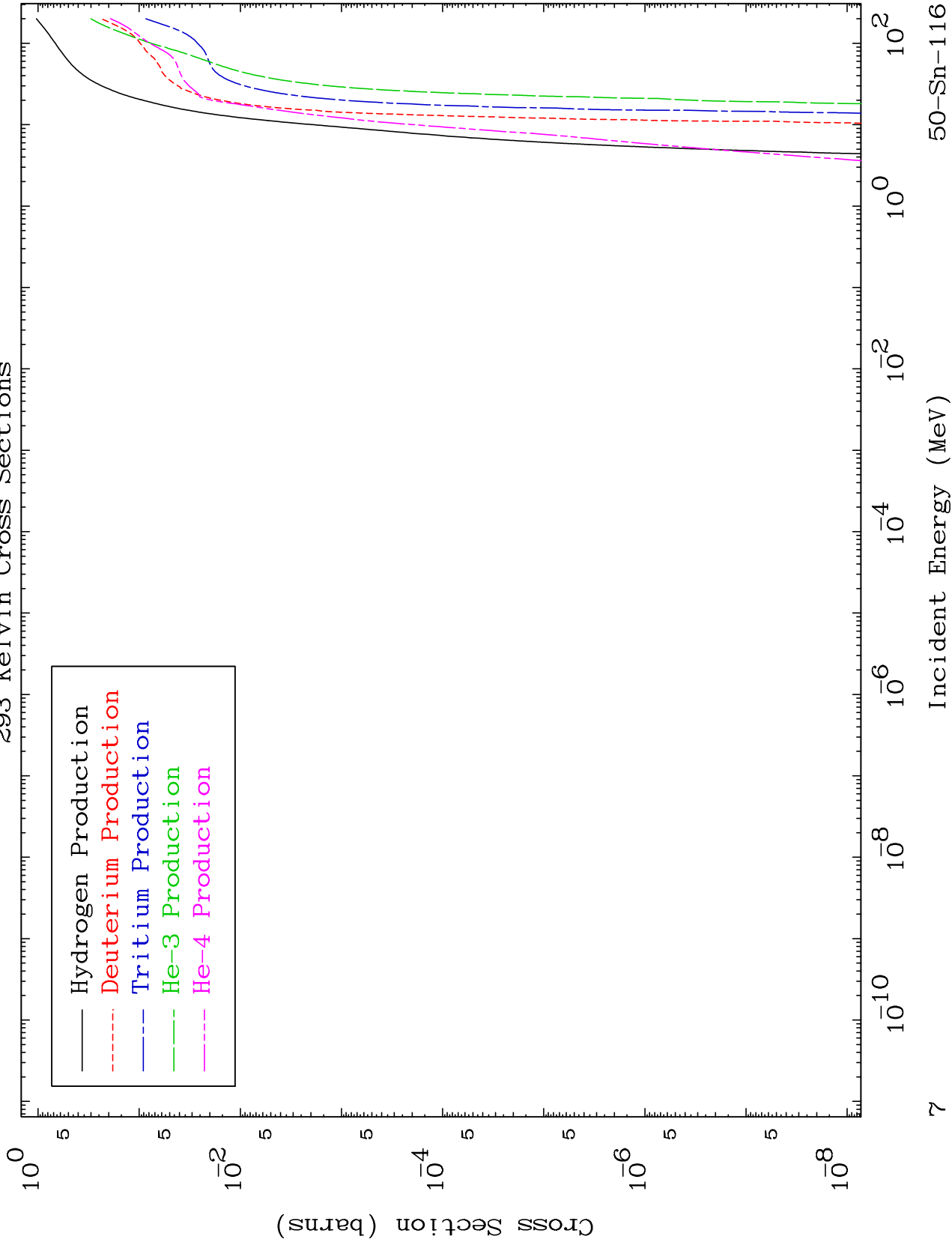
50-Sn-116



MAT 5037

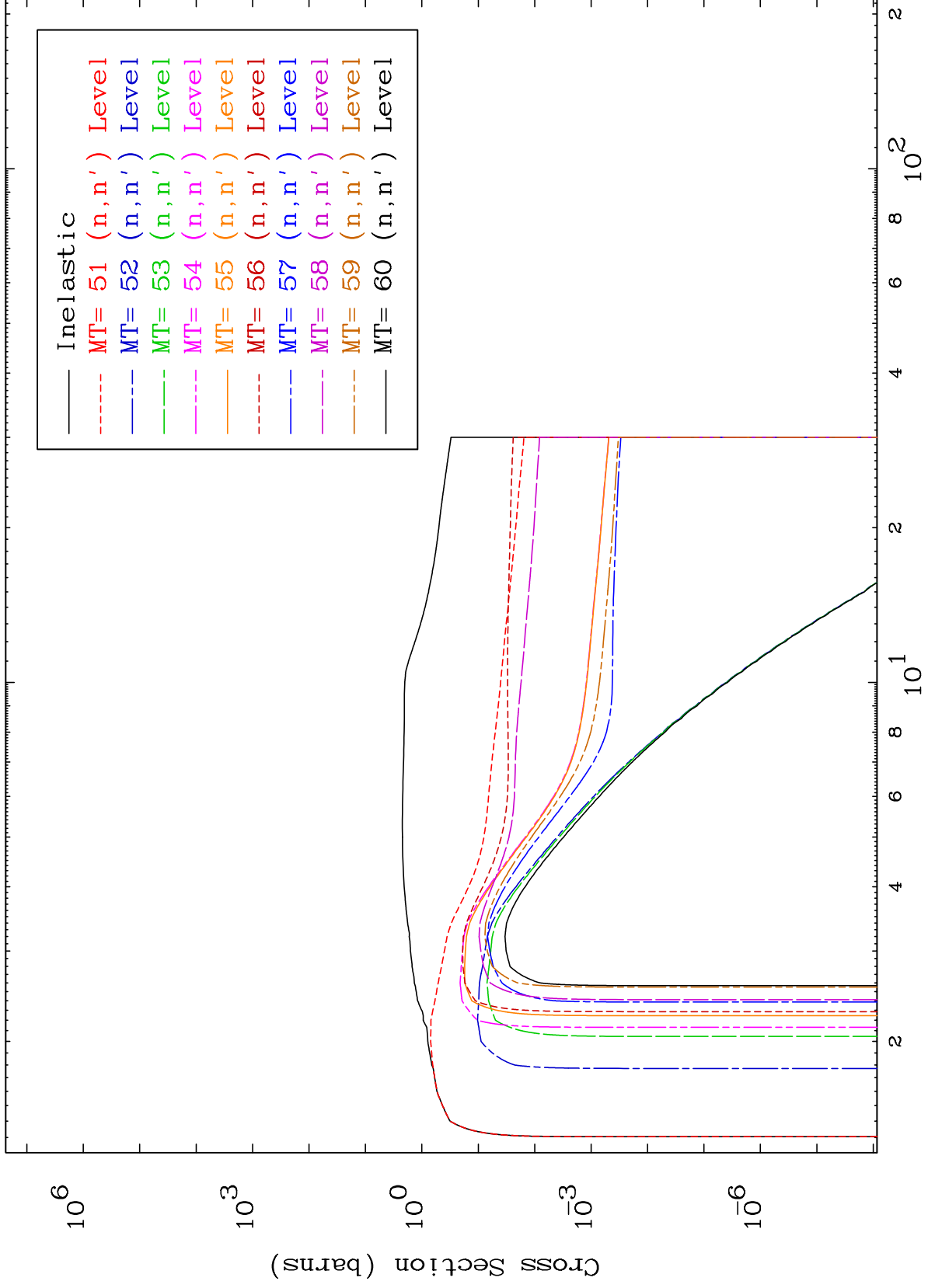
Particle Production  
293 Kelvin Cross Sections

50-Sn-116

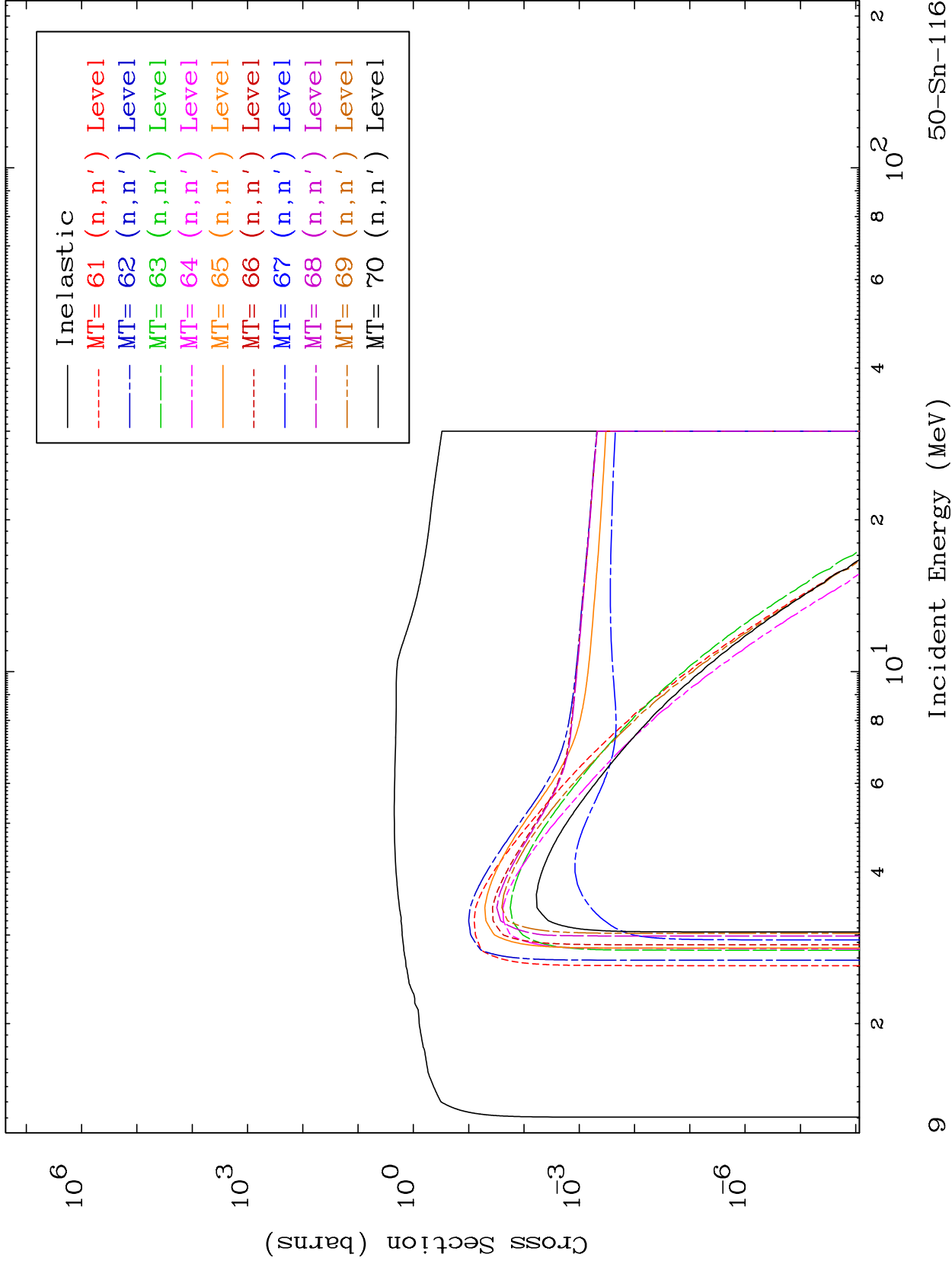




293 Kelvin Cross Sections



293 Kelvin Cross Sections

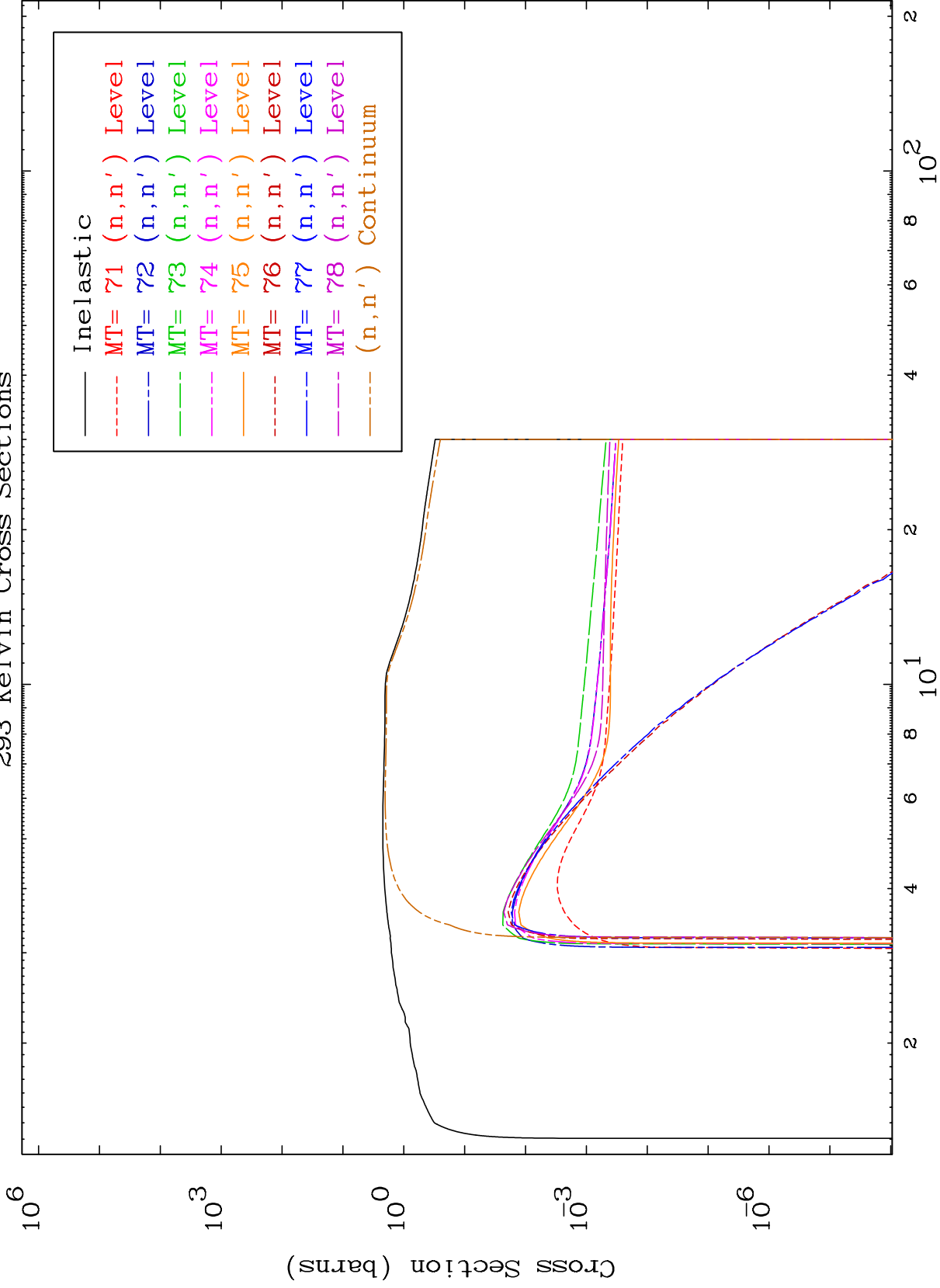


MAT 5037

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-116



10

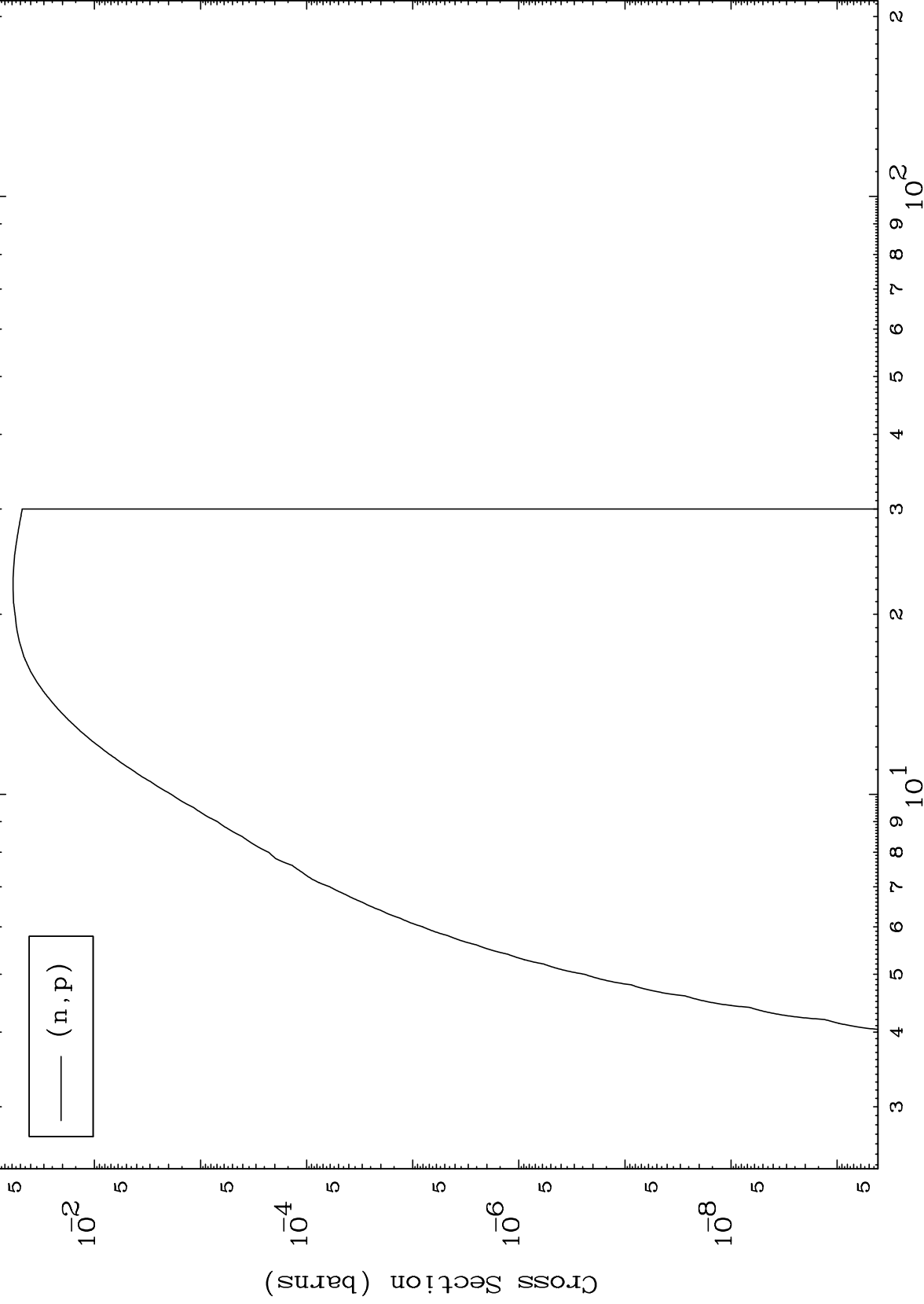
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-116



11

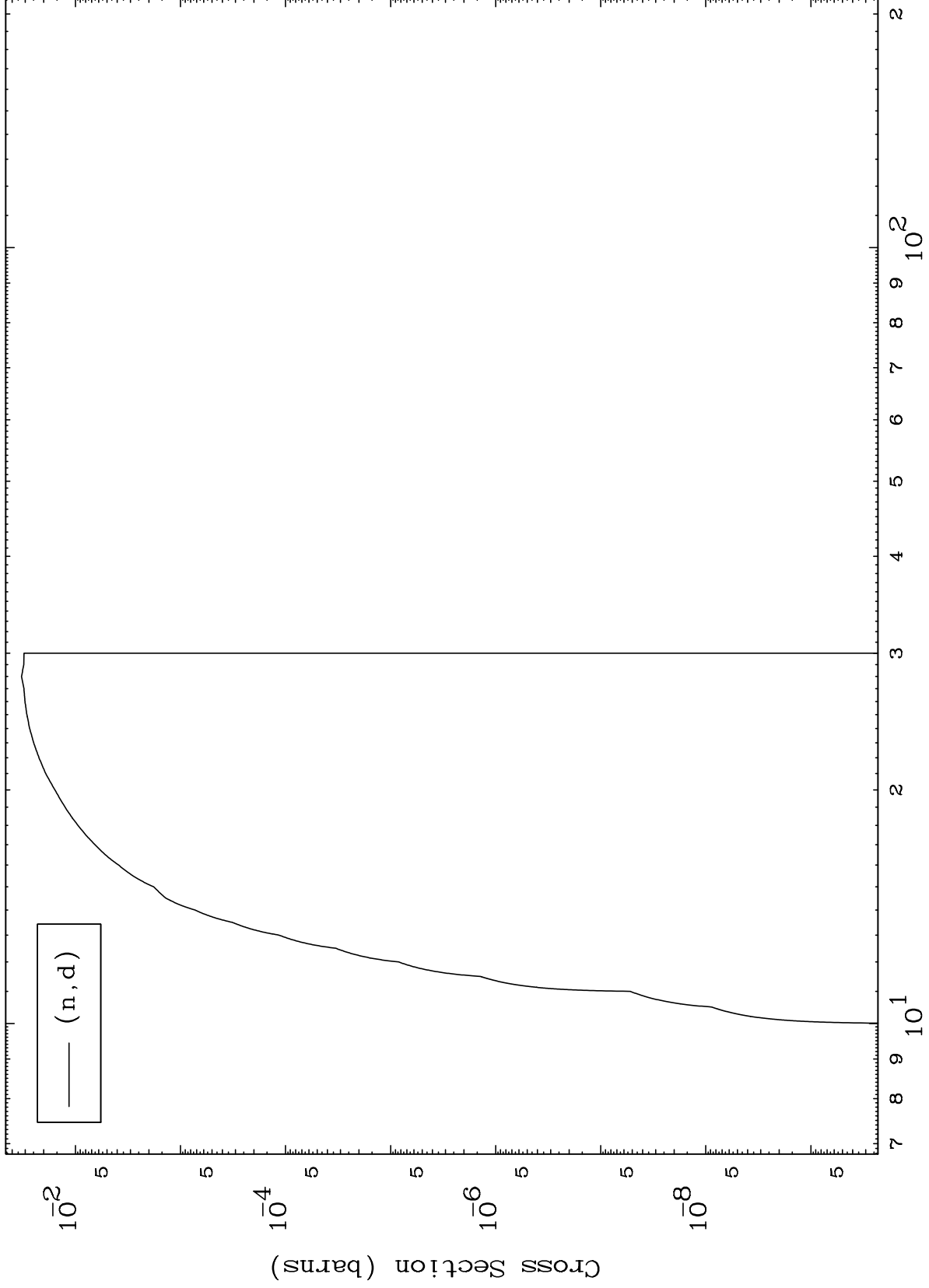
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-116



12

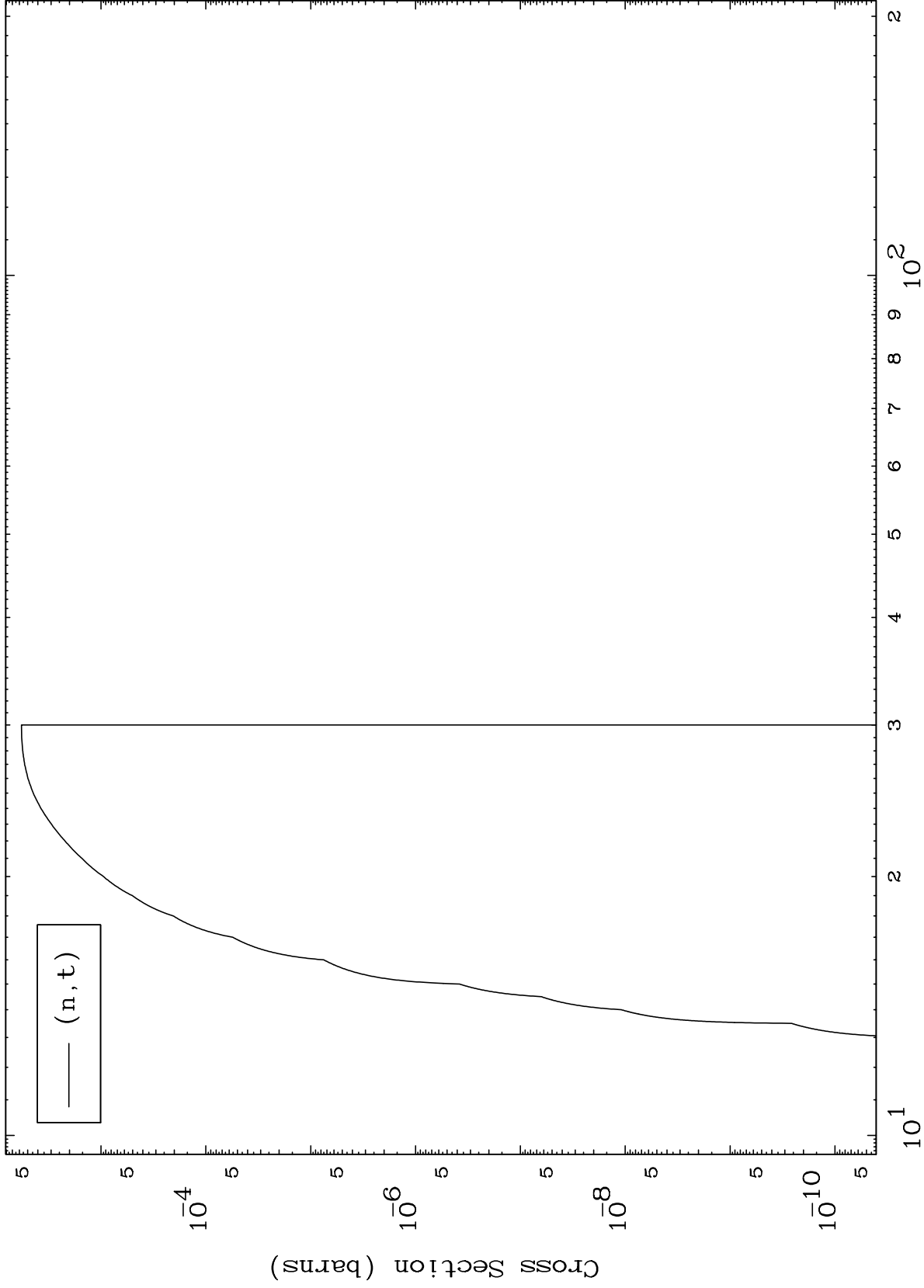
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-116



Incident Energy (MeV)

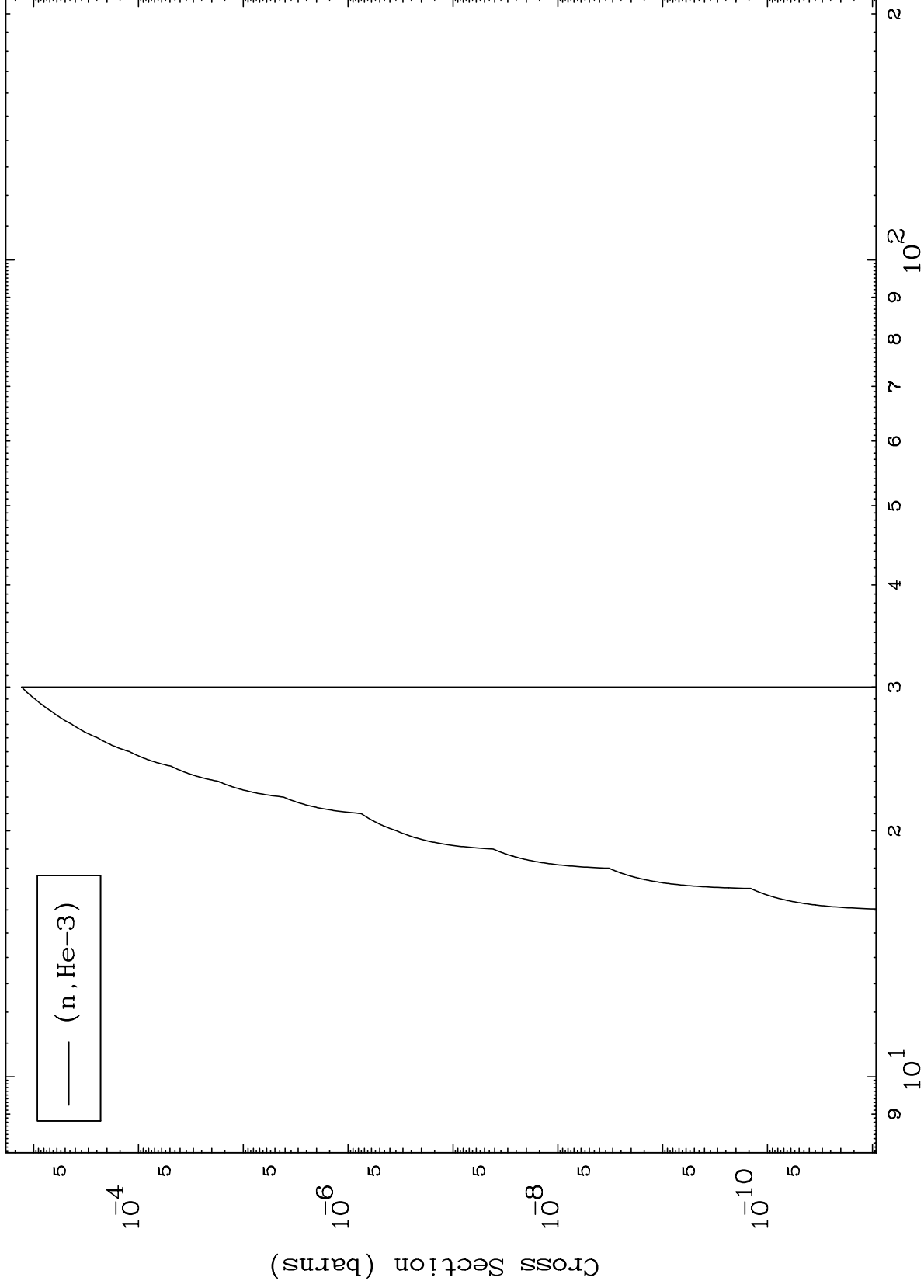
50-Sn-116

13

MAT 5037

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-116



14

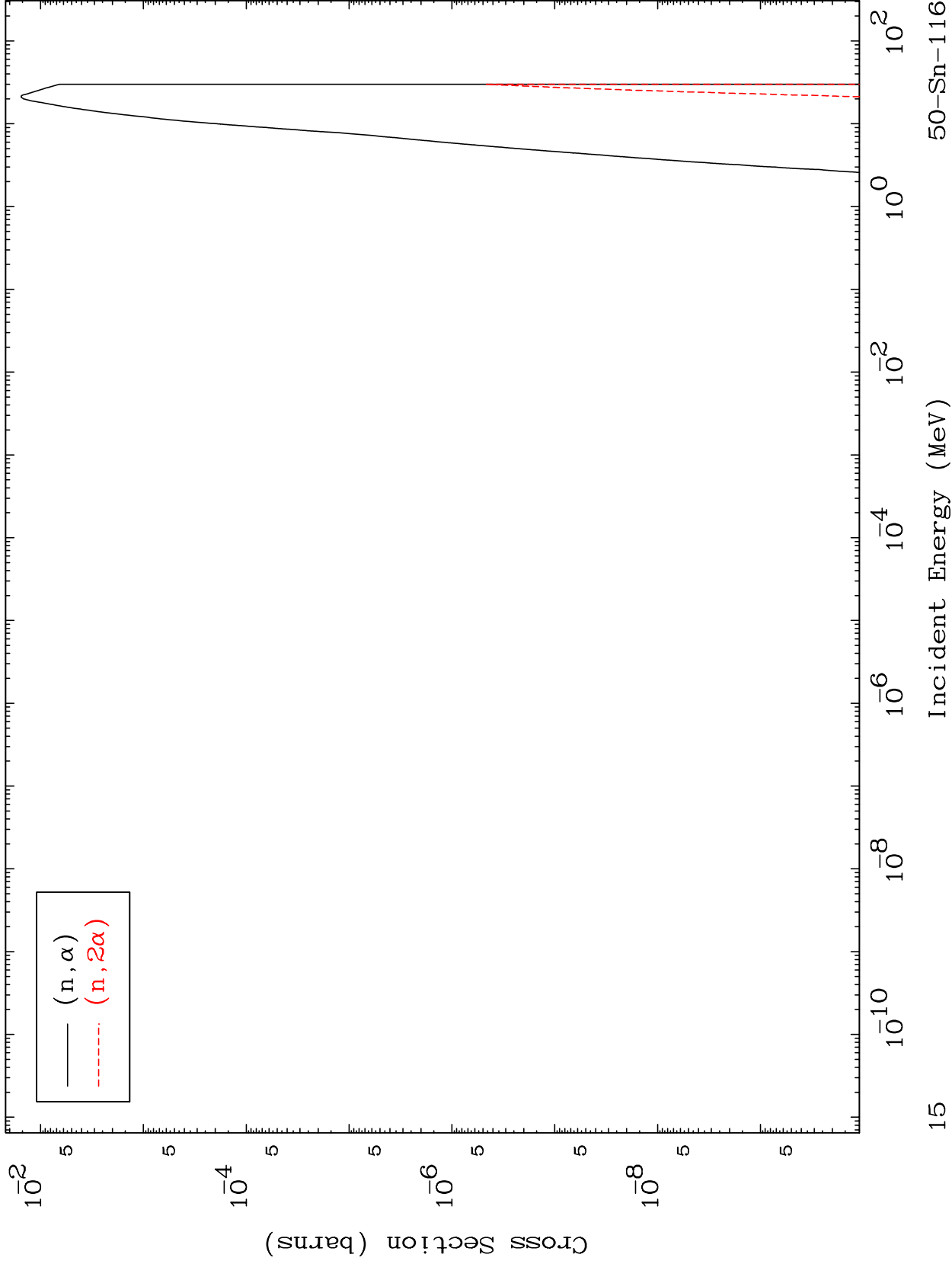
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

50-Sn-116

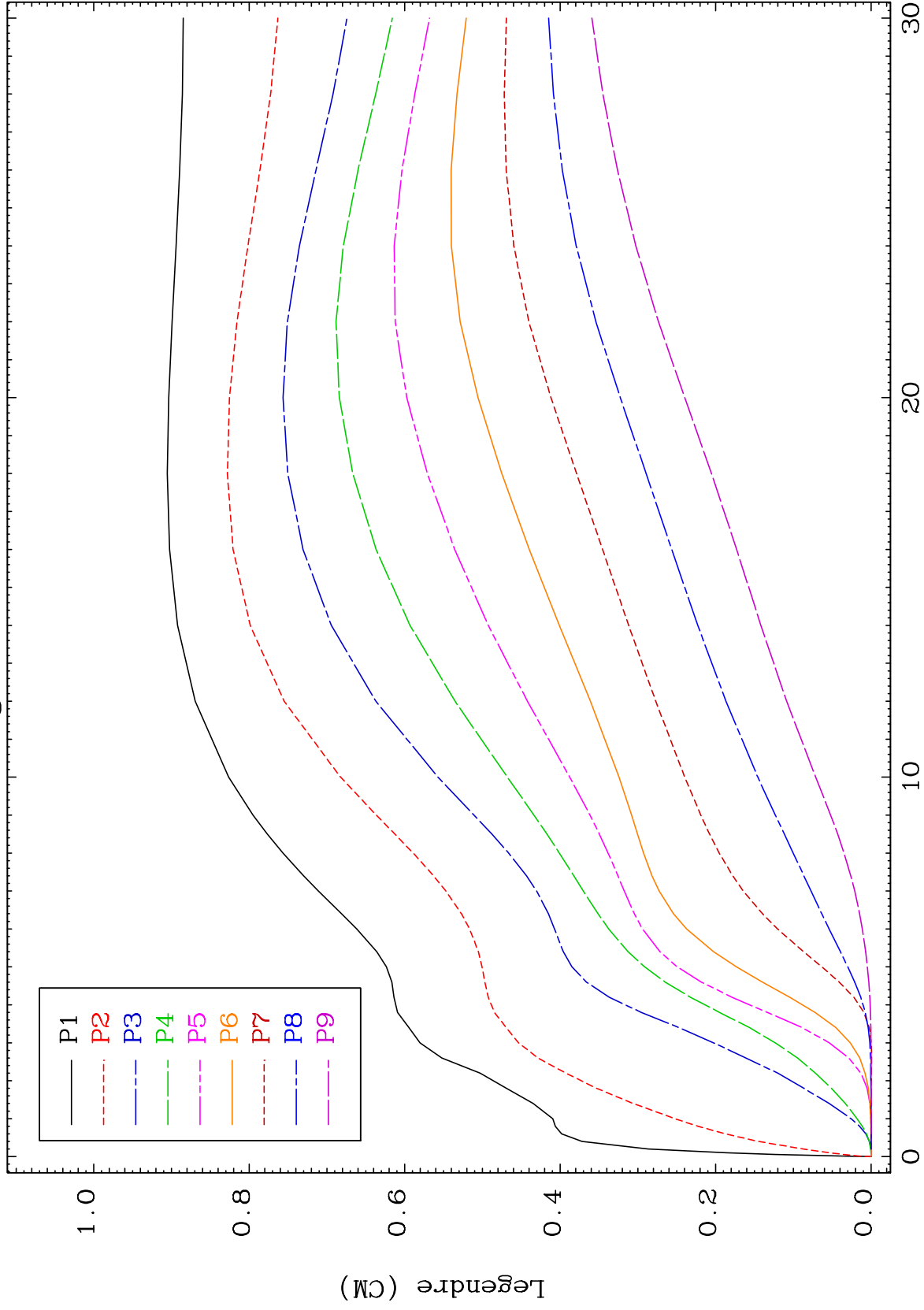




MAT 5037

Elastic Legendre Coefficients

50-Sn-116



16

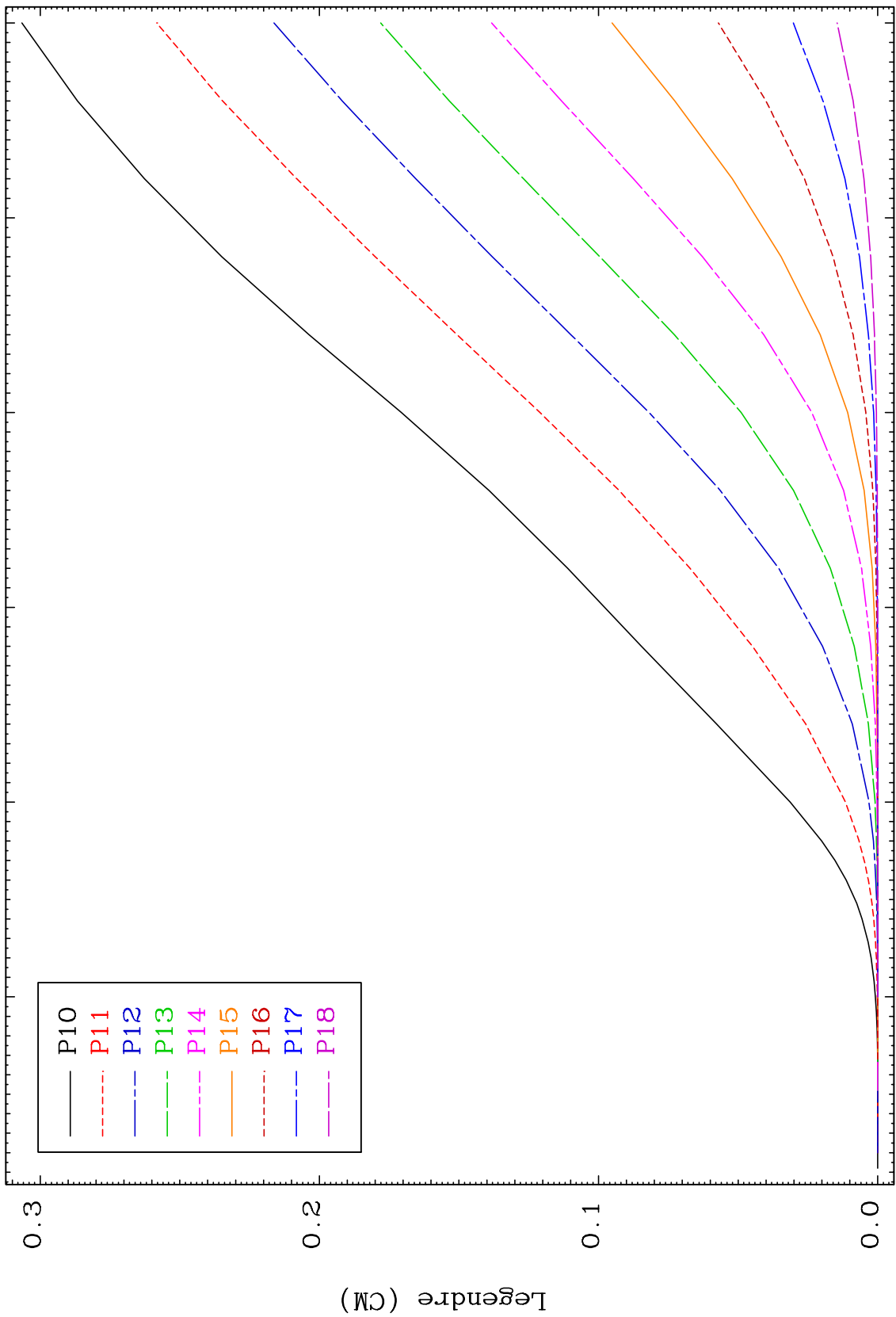
Incident Energy (MeV)

50-Sn-116

MAT 5037

Elastic Legendre Coefficients

50-Sn-116



17

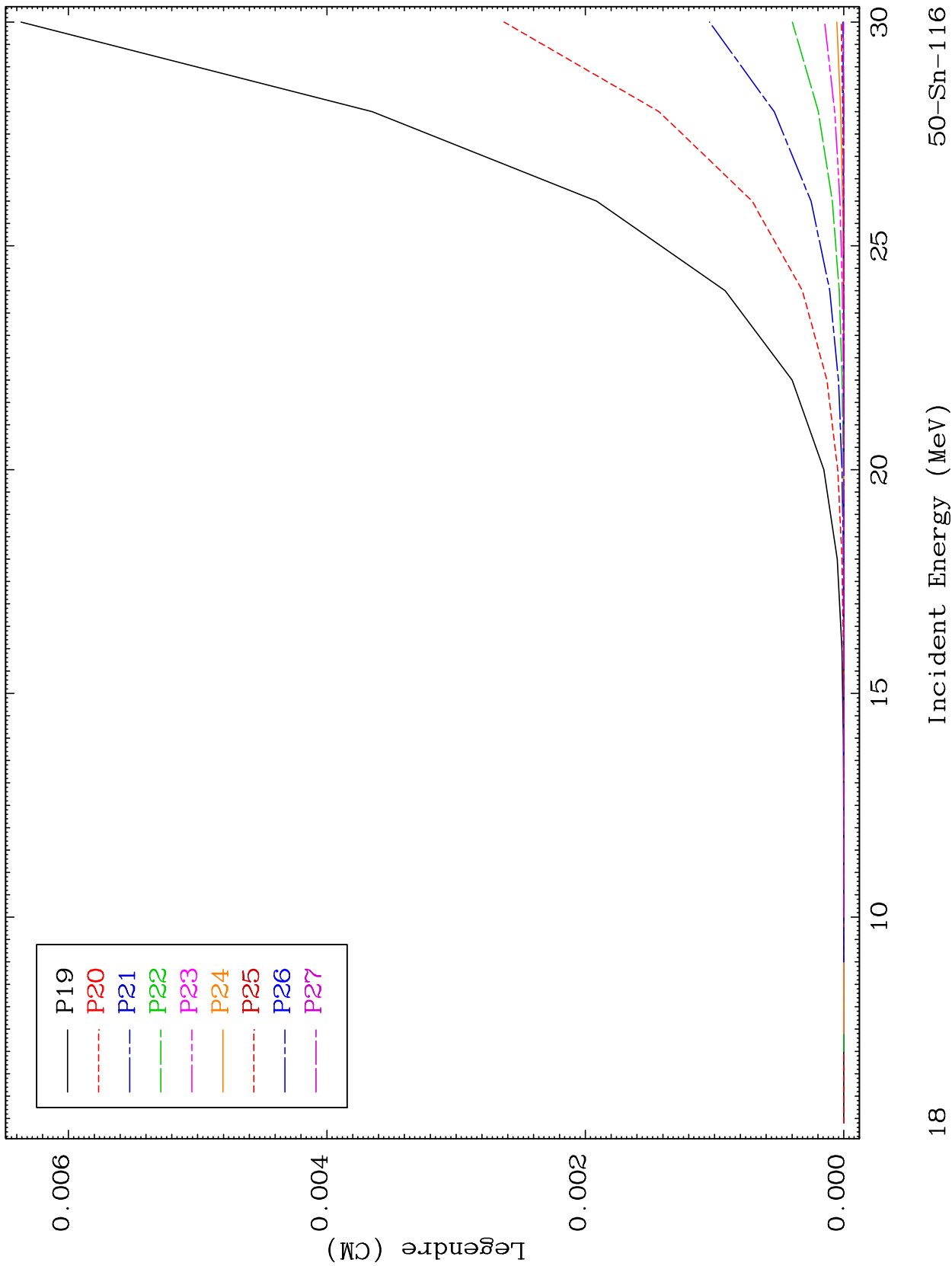
Incident Energy (MeV)

50-Sn-116

MAT 5037

Elastic Legendre Coefficients

50-Sn-116



18

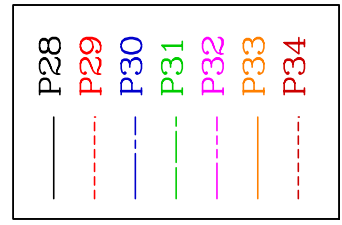
Incident Energy (MeV)

50-Sn-116

MAT 5037

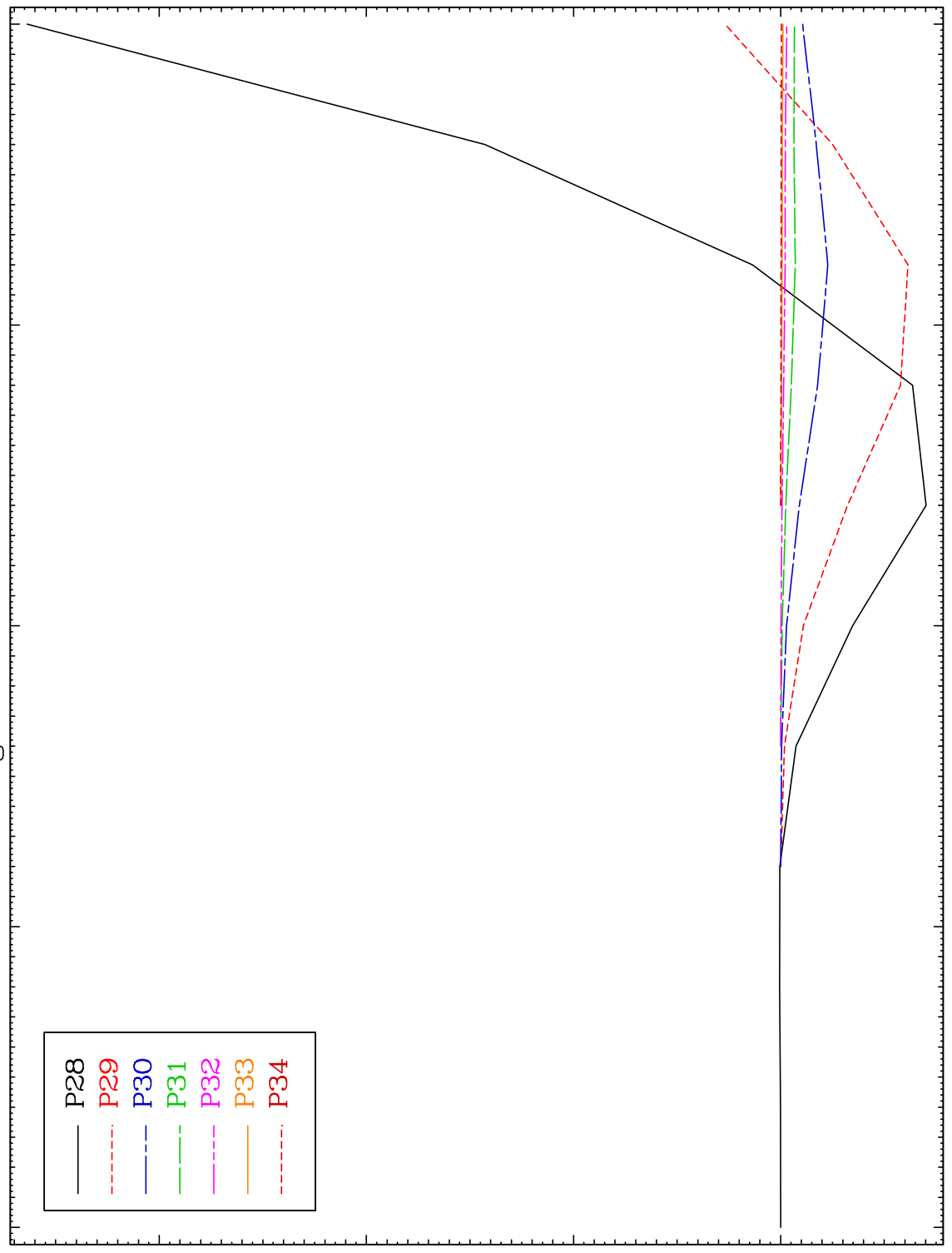
Elastic  
Legendre Coefficients

50-Sn-116



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

Incident Energy (MeV)

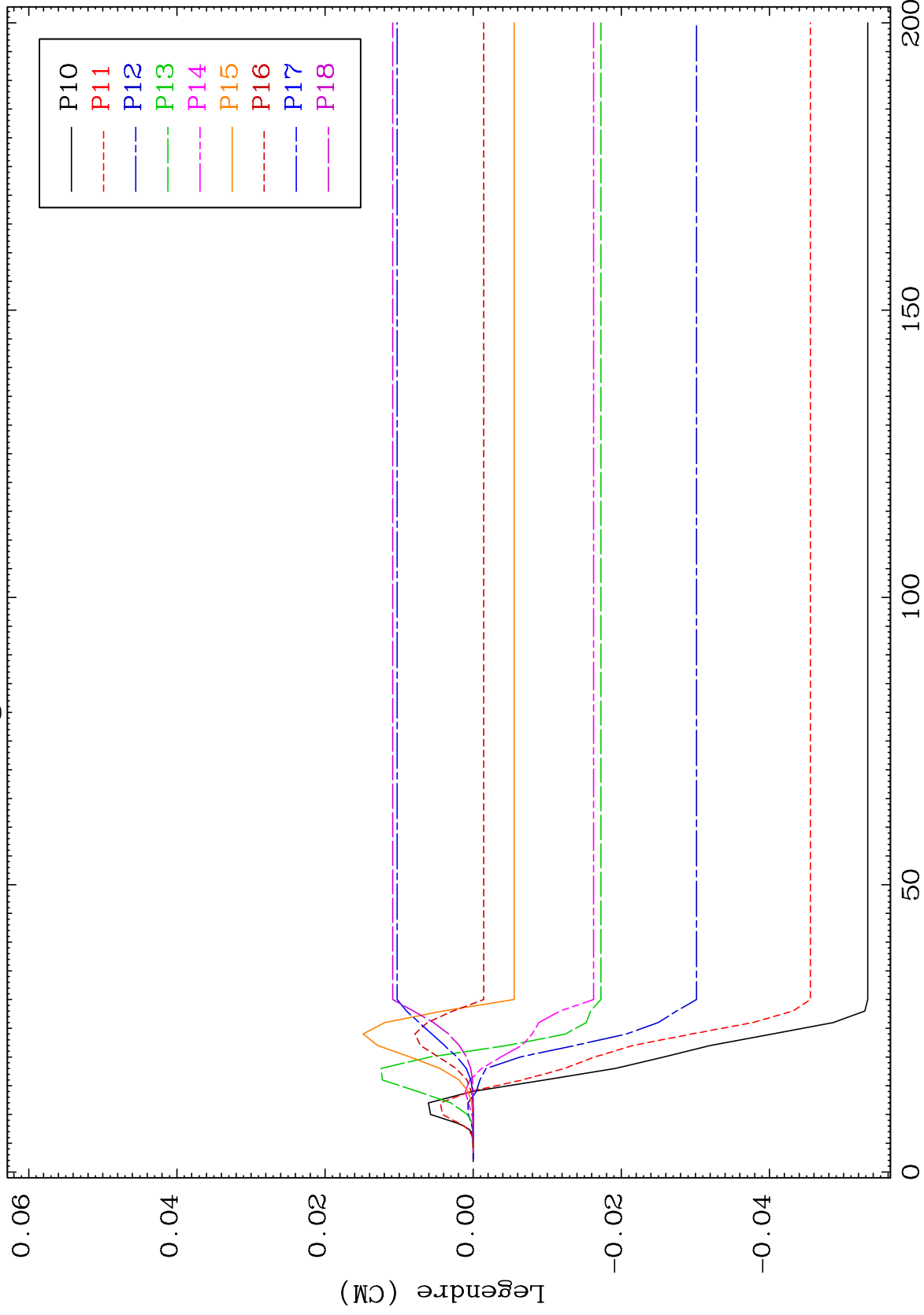
50-Sn-116



MAT 5037

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

50-Sn-116



21

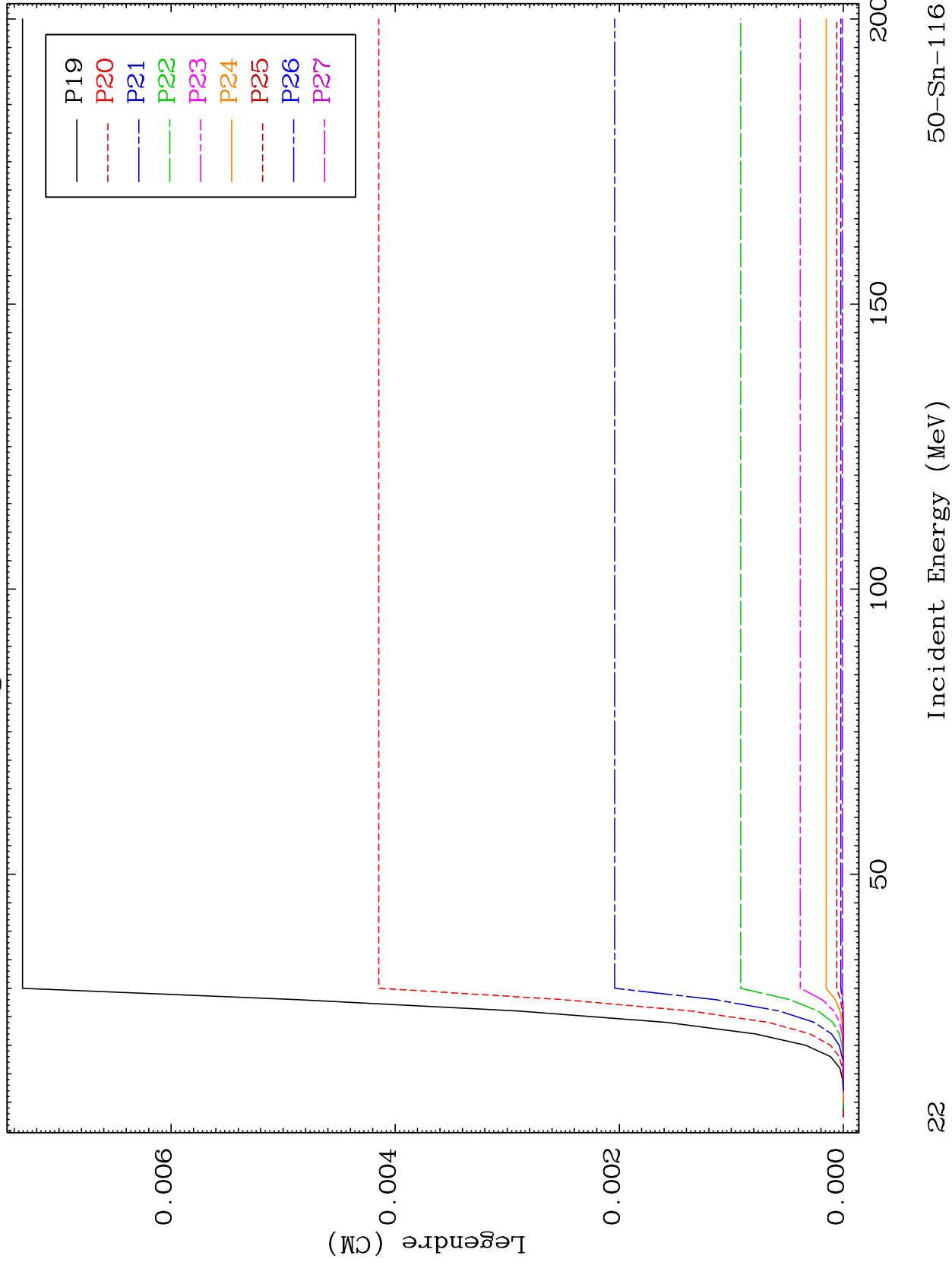
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116

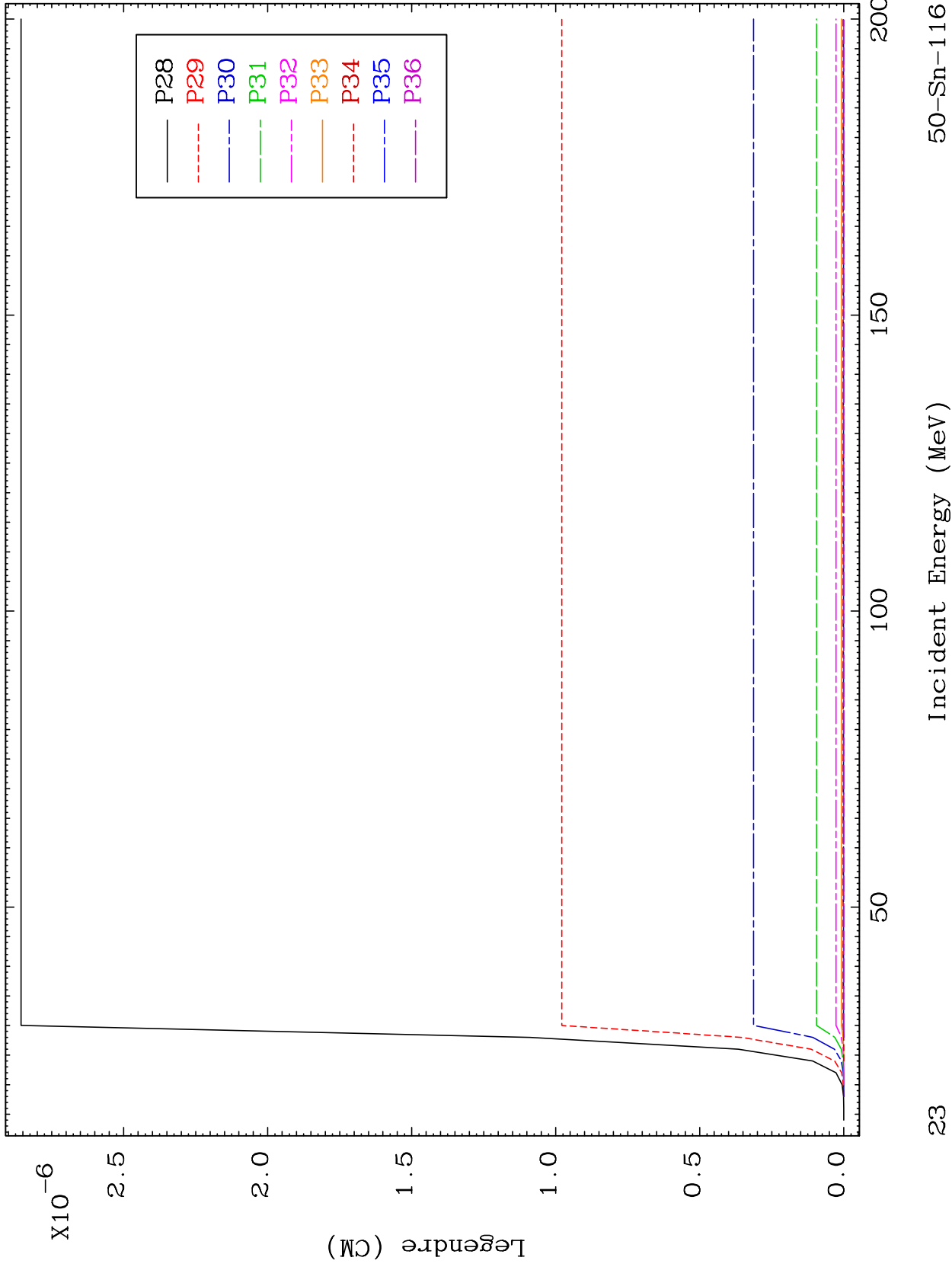


22

MAT 5037

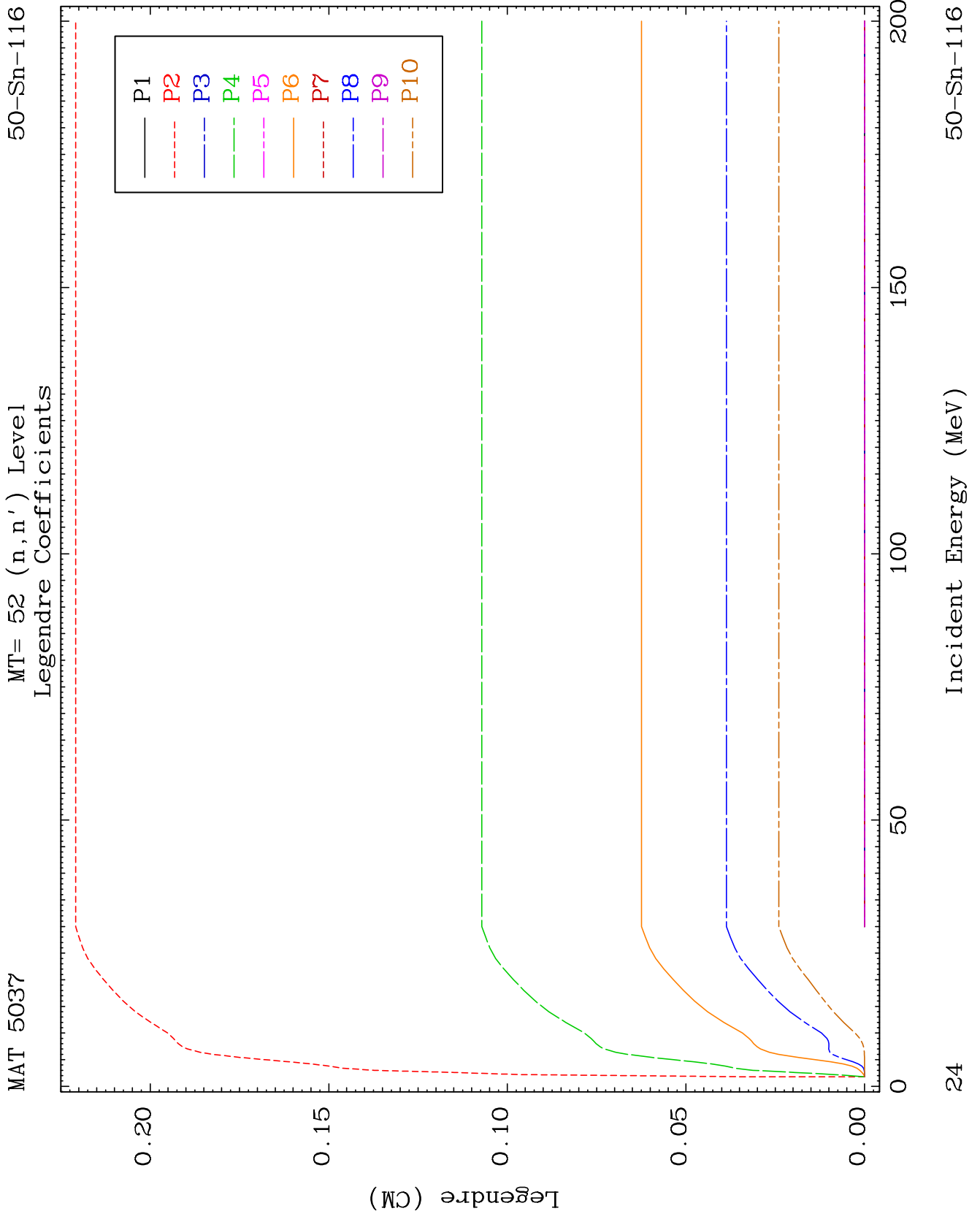
MT= 51 (n,n') Level  
Legendre Coefficients

50-Sn-116

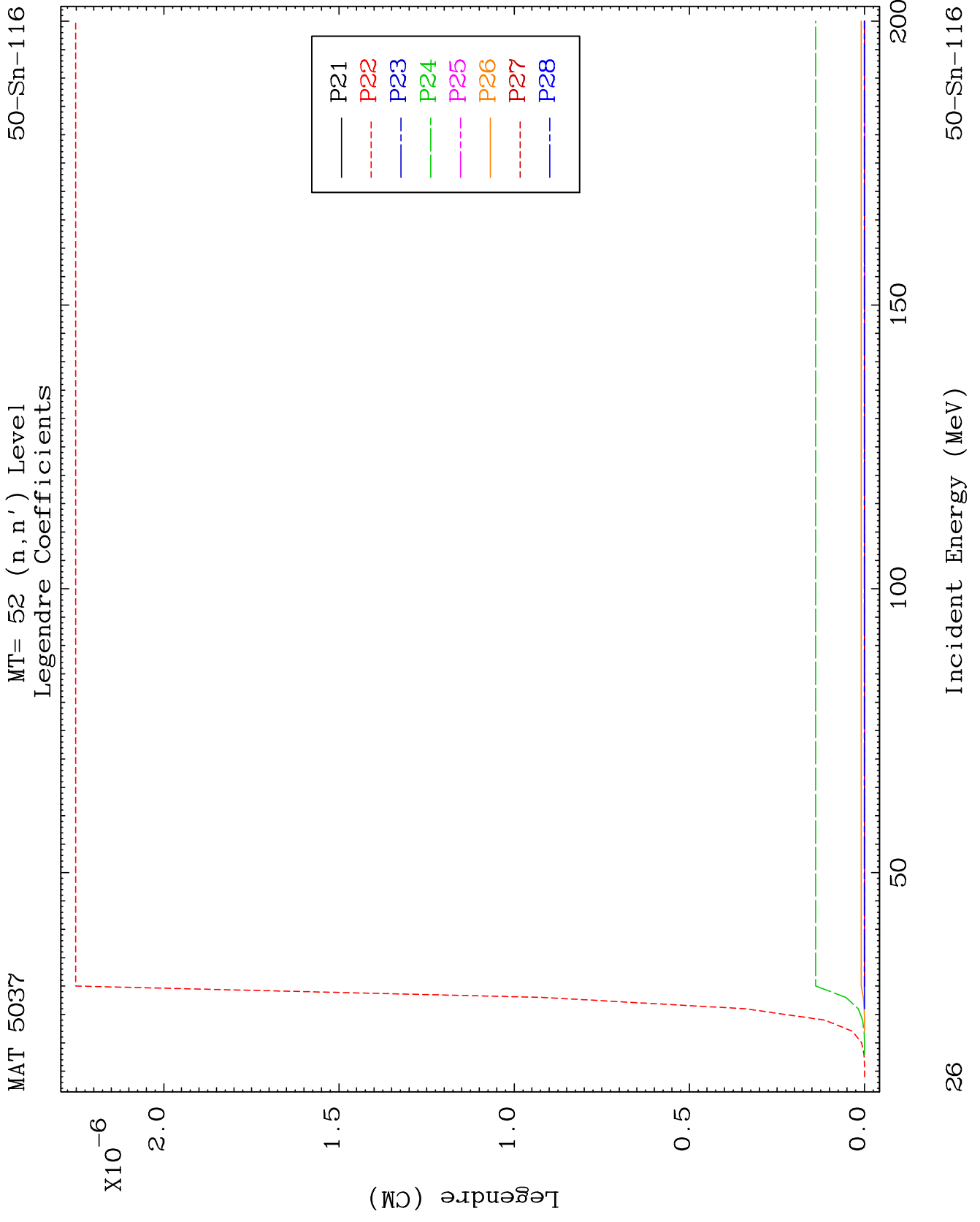


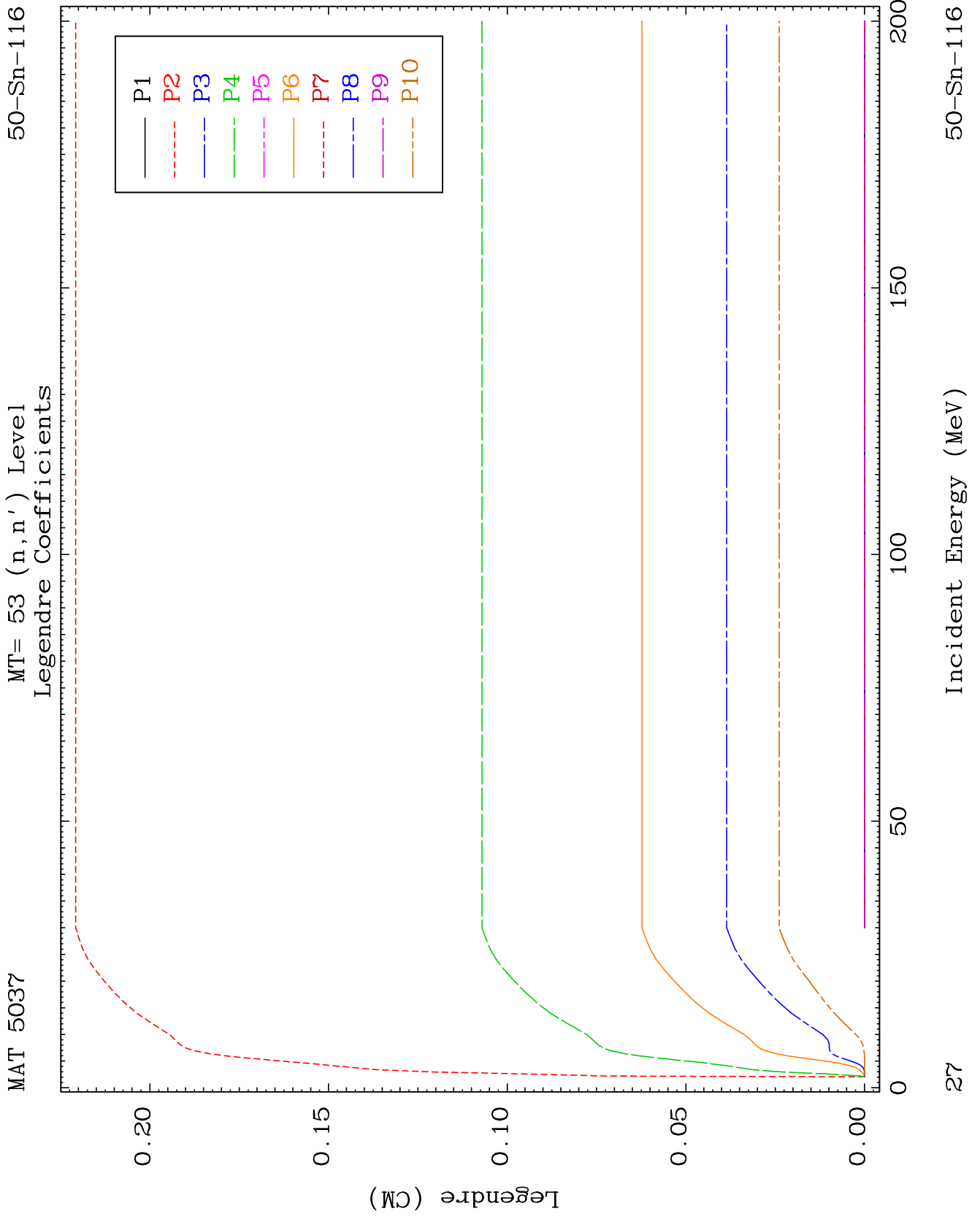
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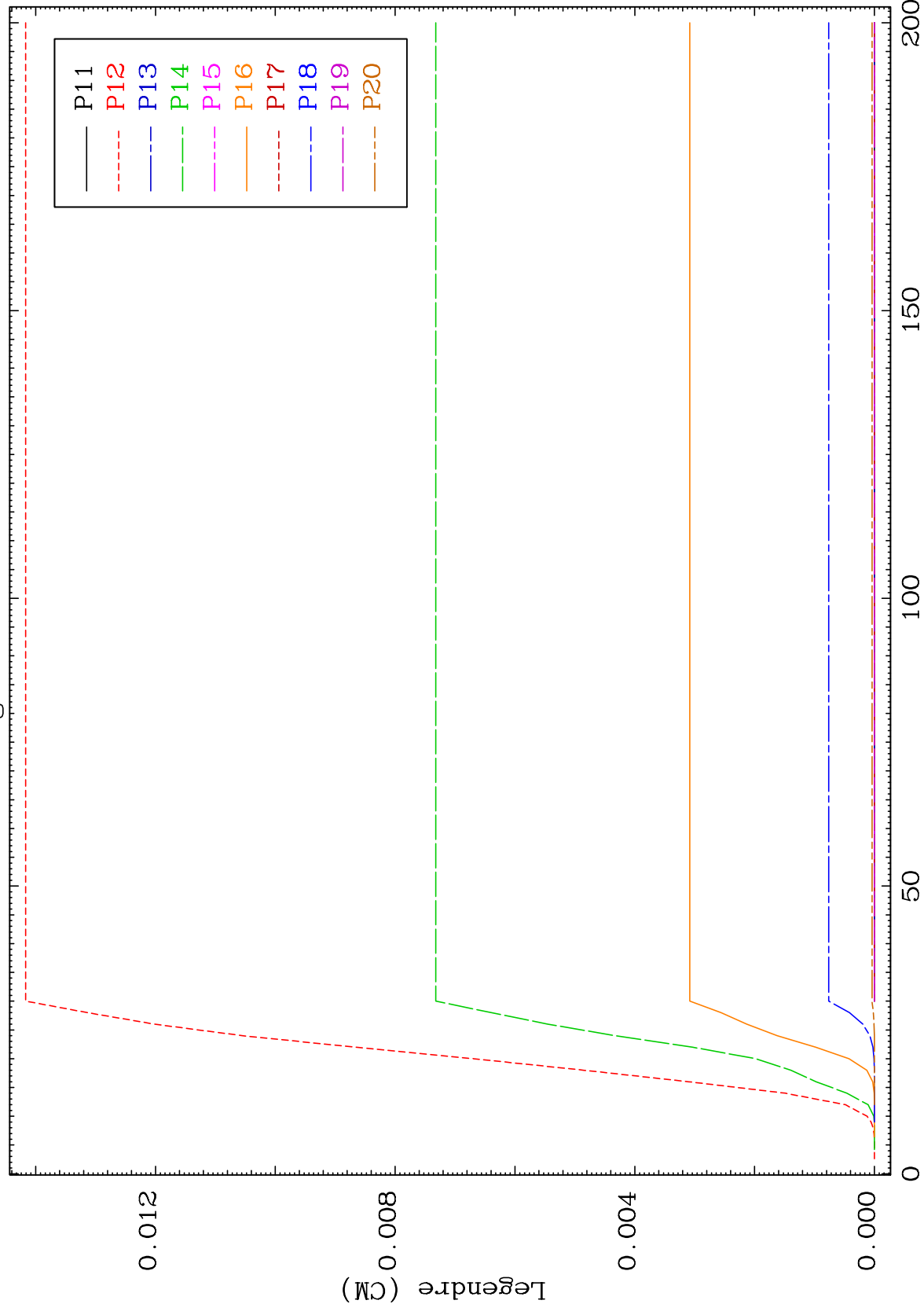




MAT 5037

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

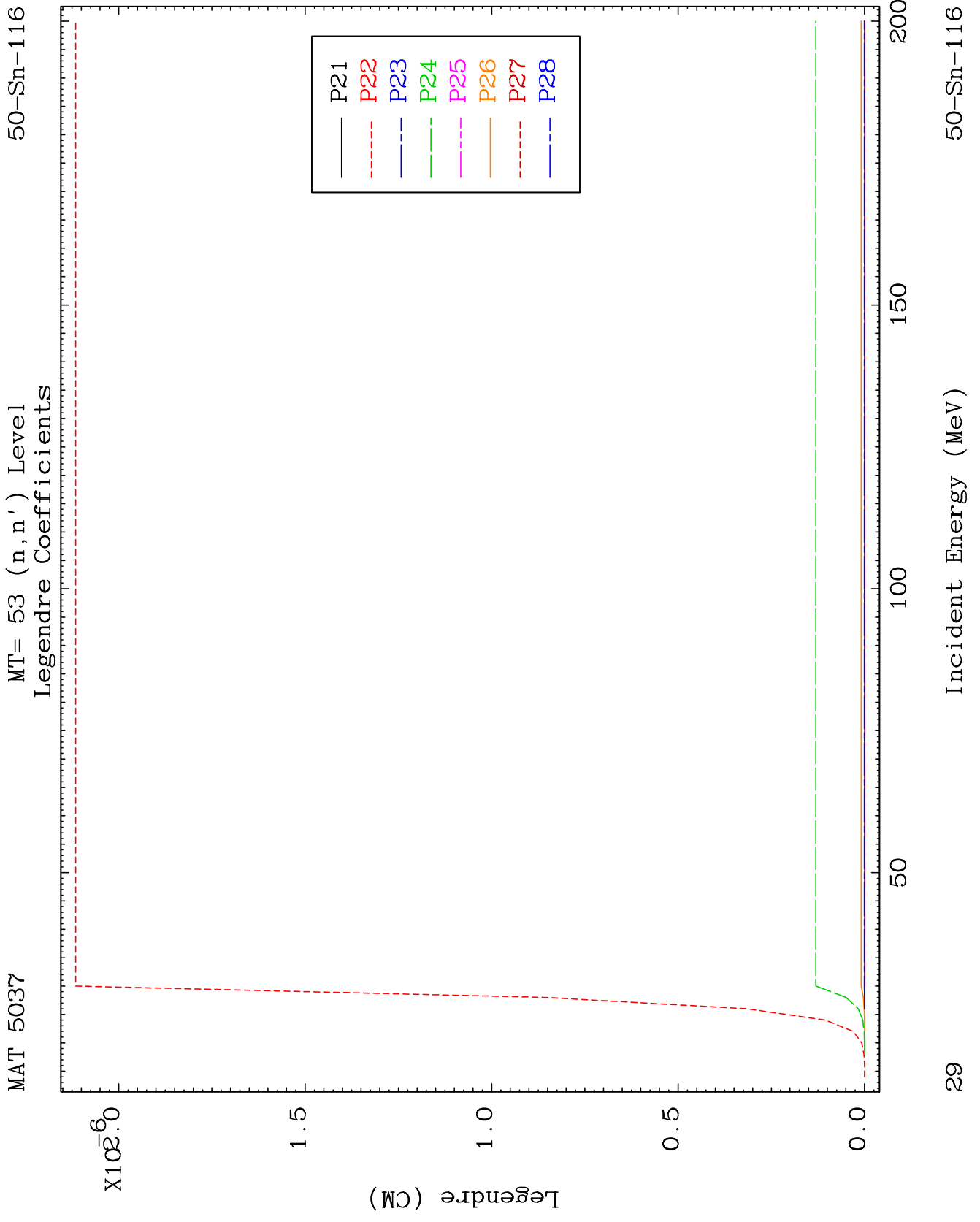
50-Sn-116



50-Sn-116

Incident Energy (MeV)

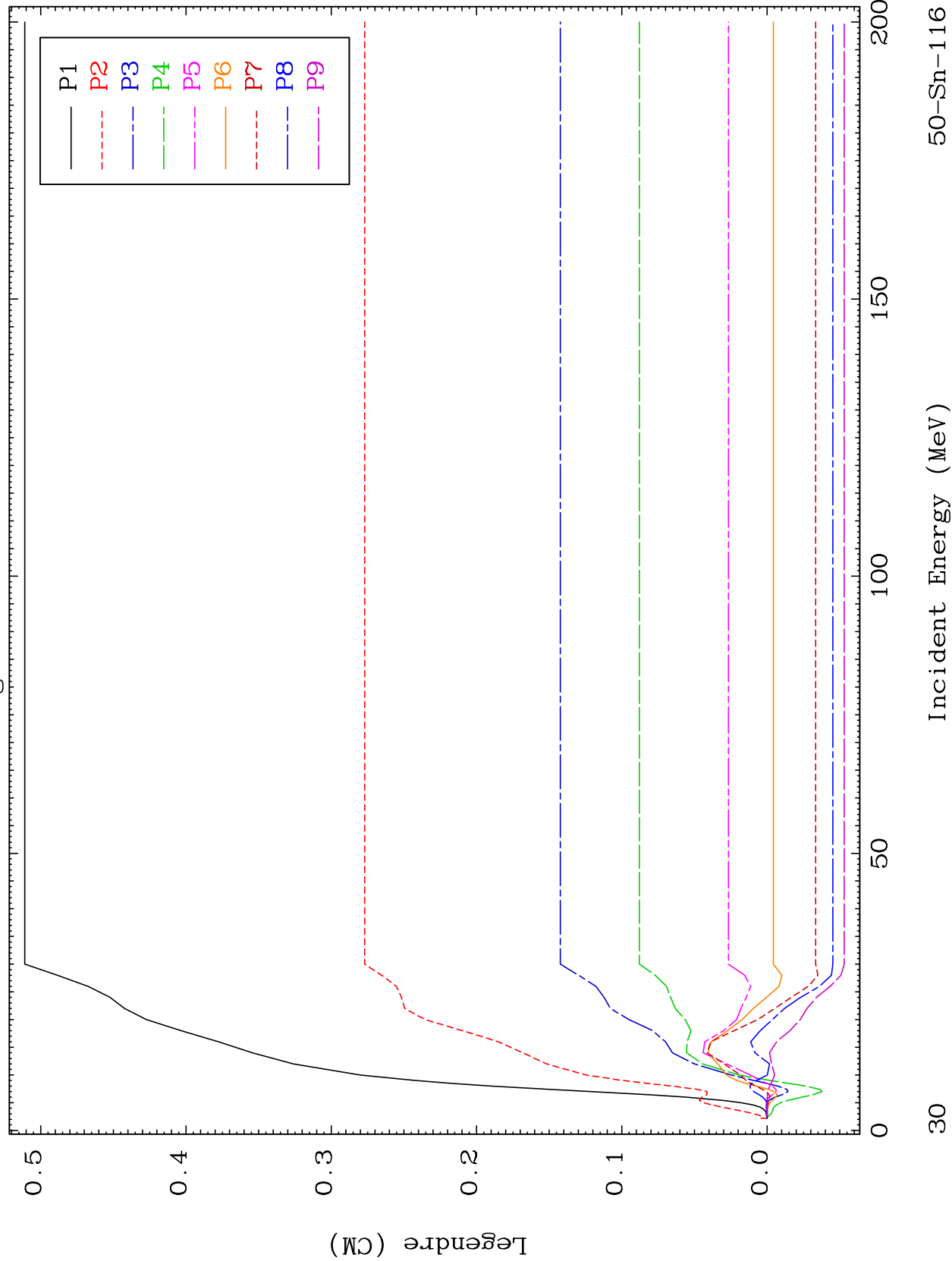
28



MAT 5037

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

50-Sn-116



50-Sn-116

Incident Energy (MeV)

30

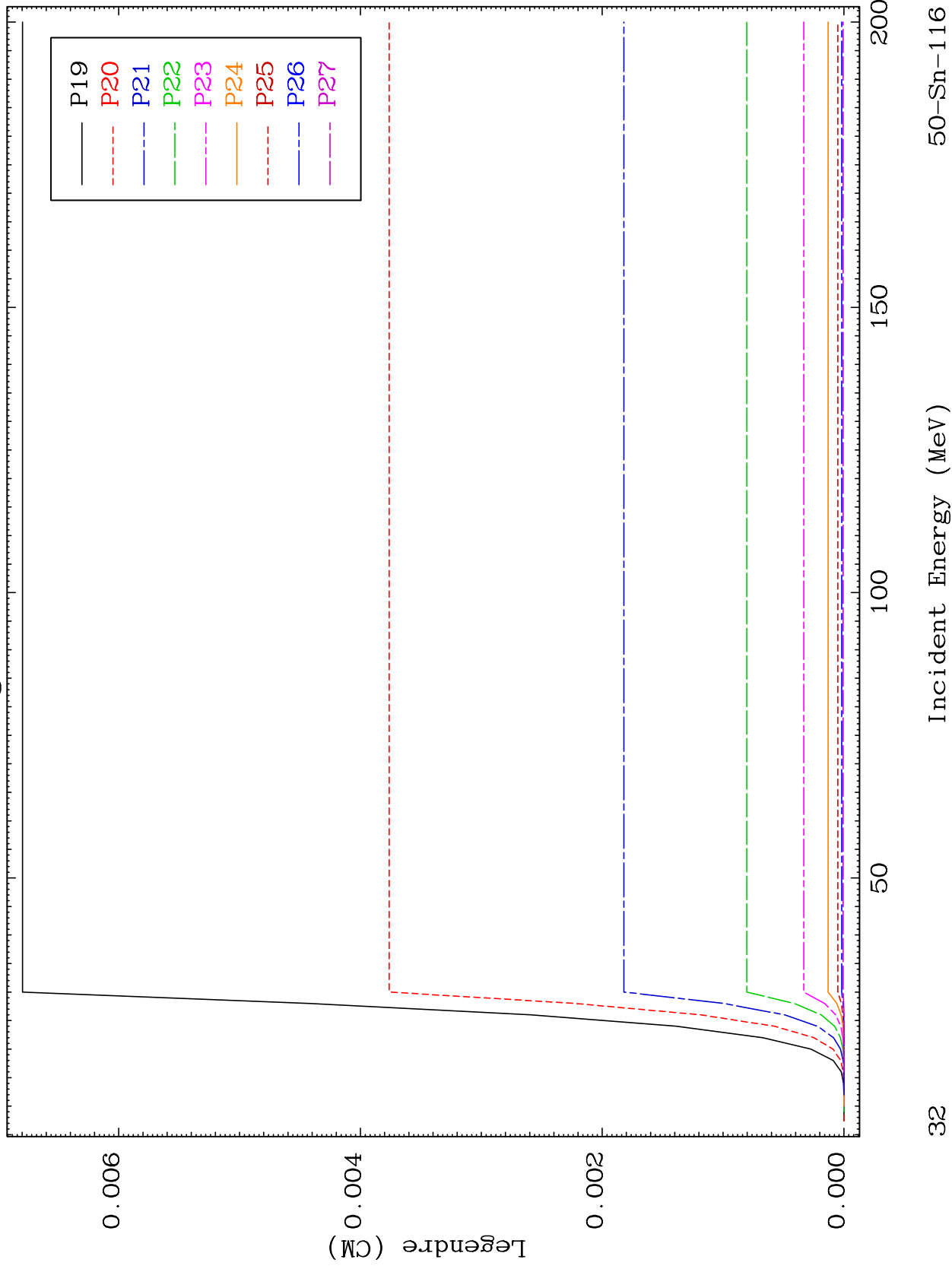




MAT 5037

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

50-Sn-116



32

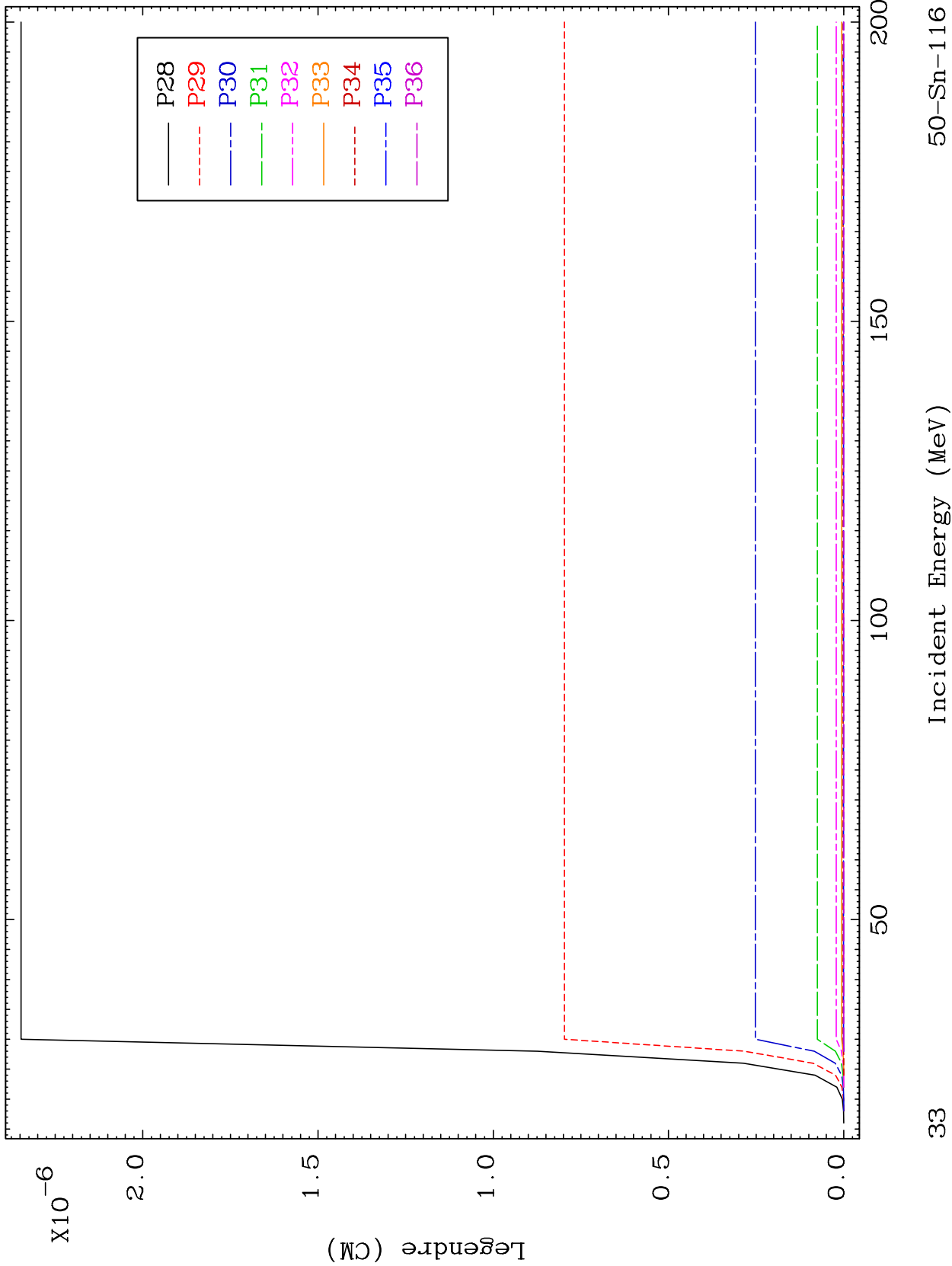
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



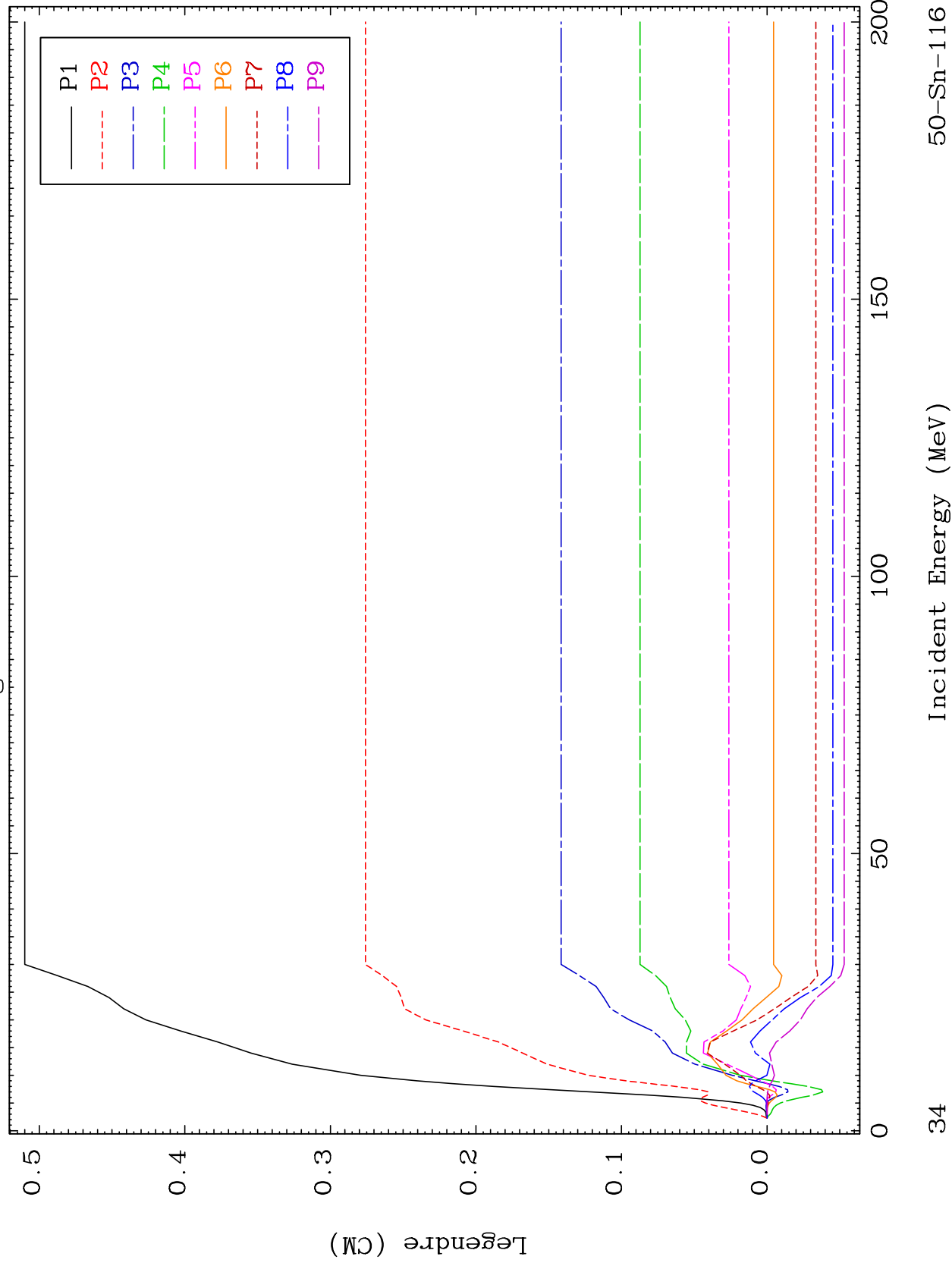
33

50-Sn-116

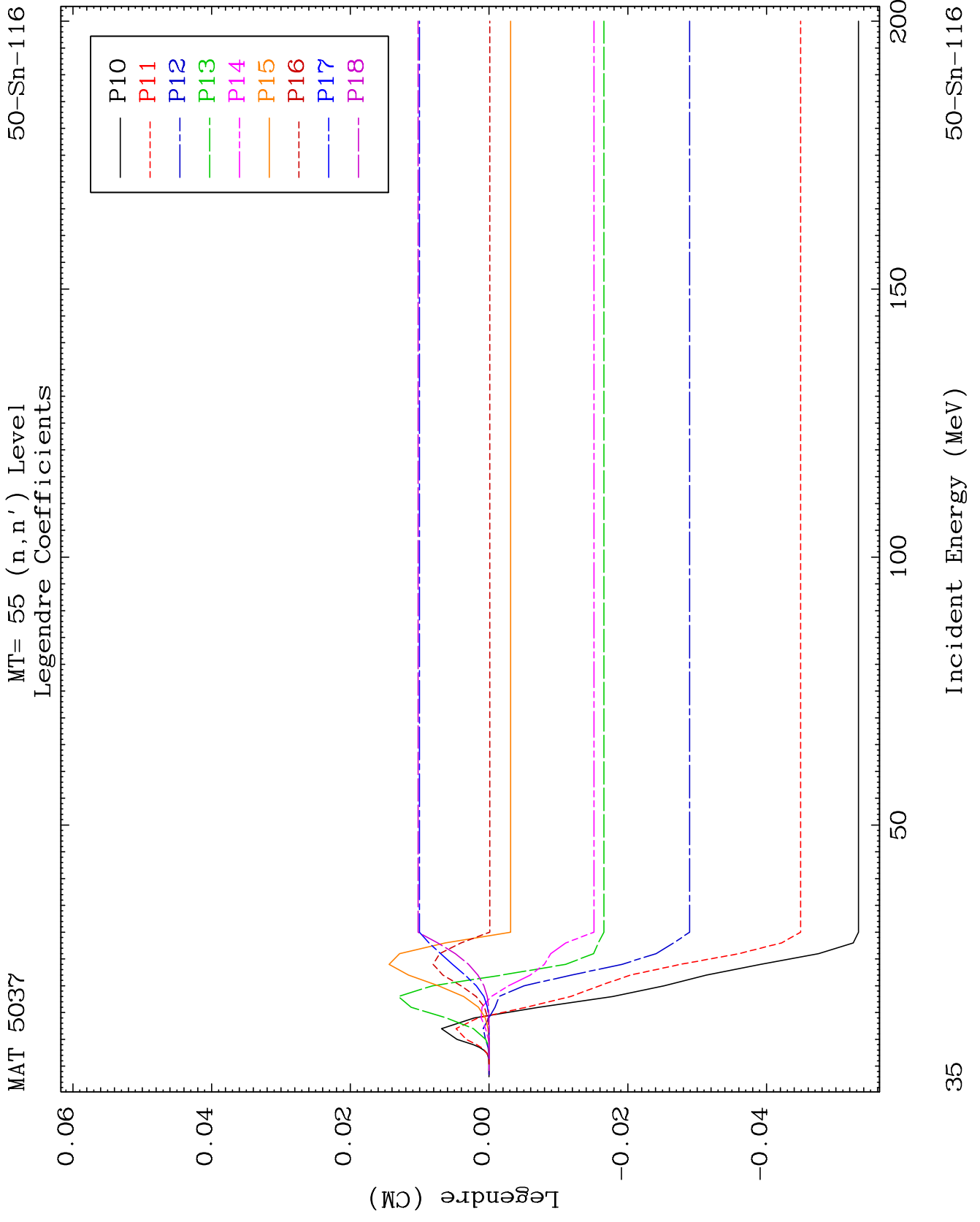
MAT 5037

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

50-Sn-116



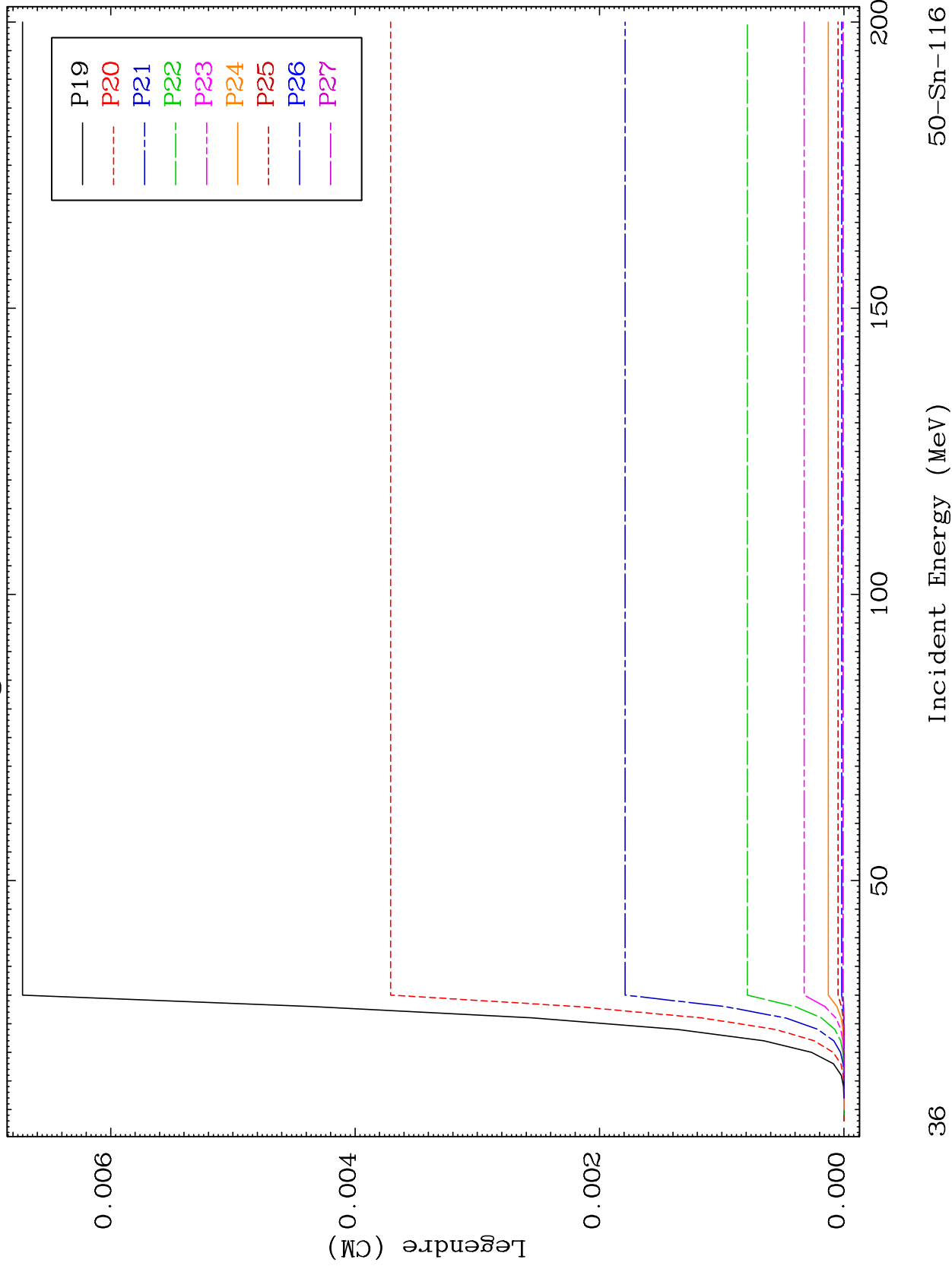
34



MAT 5037

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

50-Sn-116



36

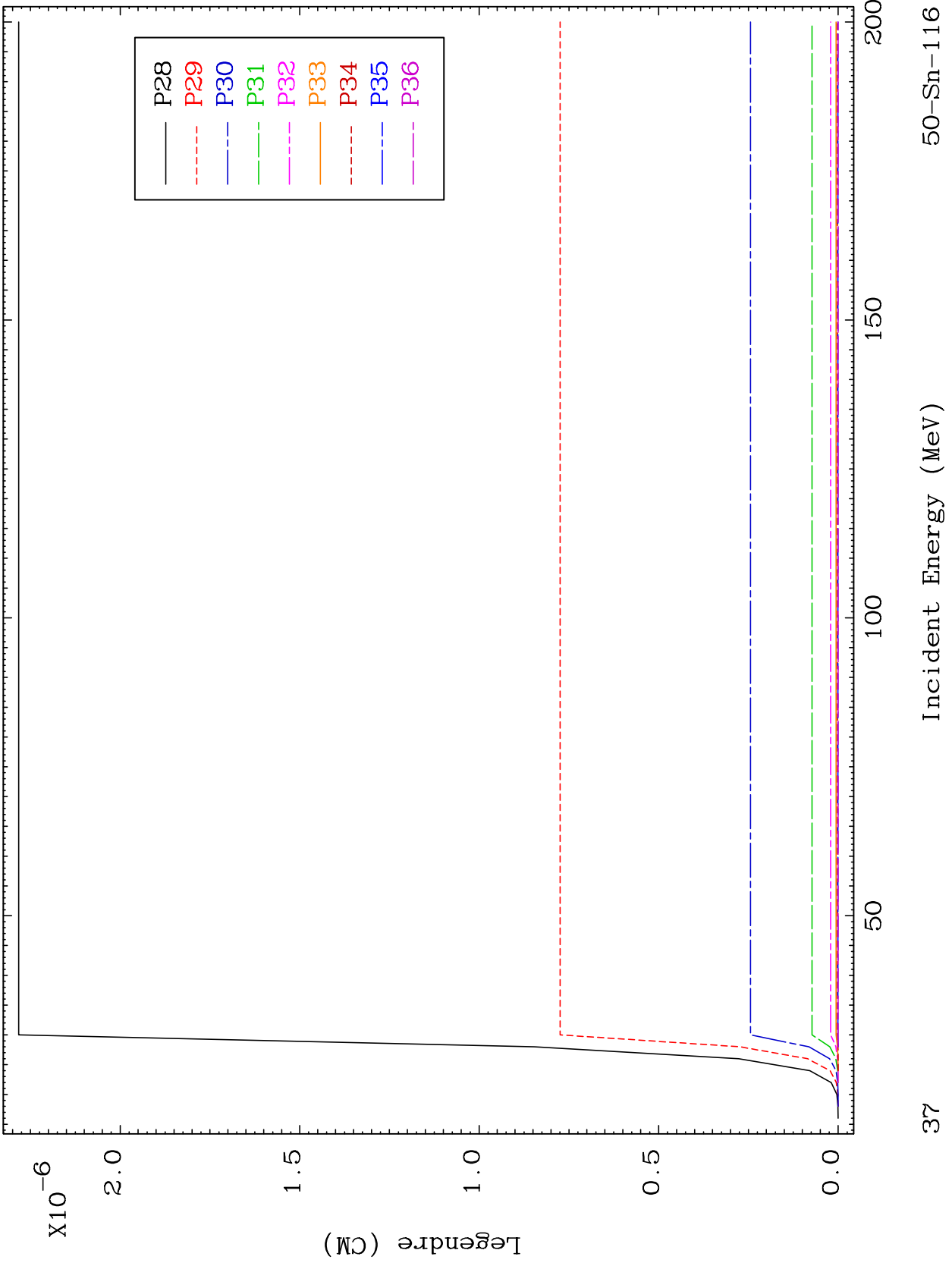
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

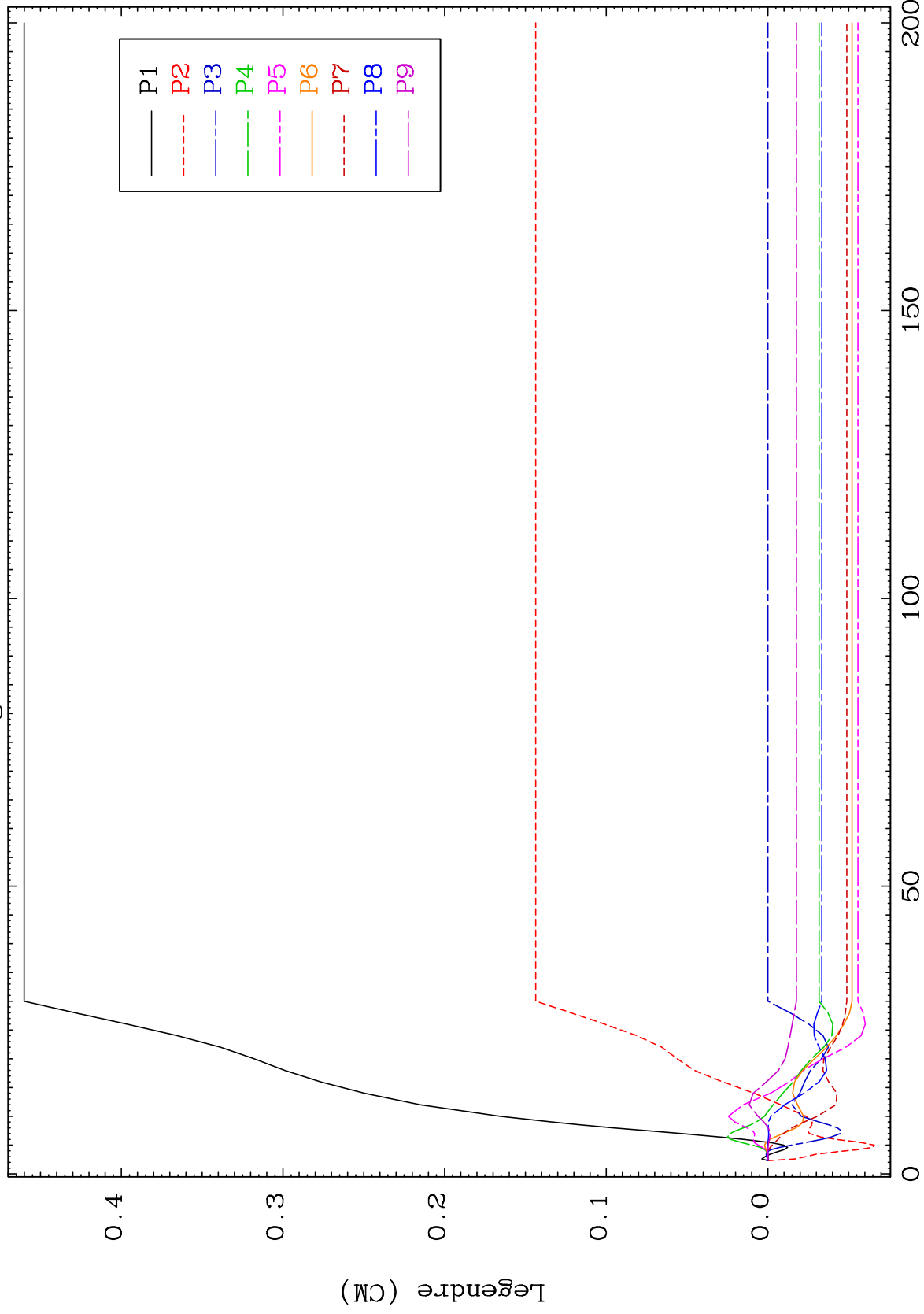
50-Sn-116



MAT 5037

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

50-Sn-116



38

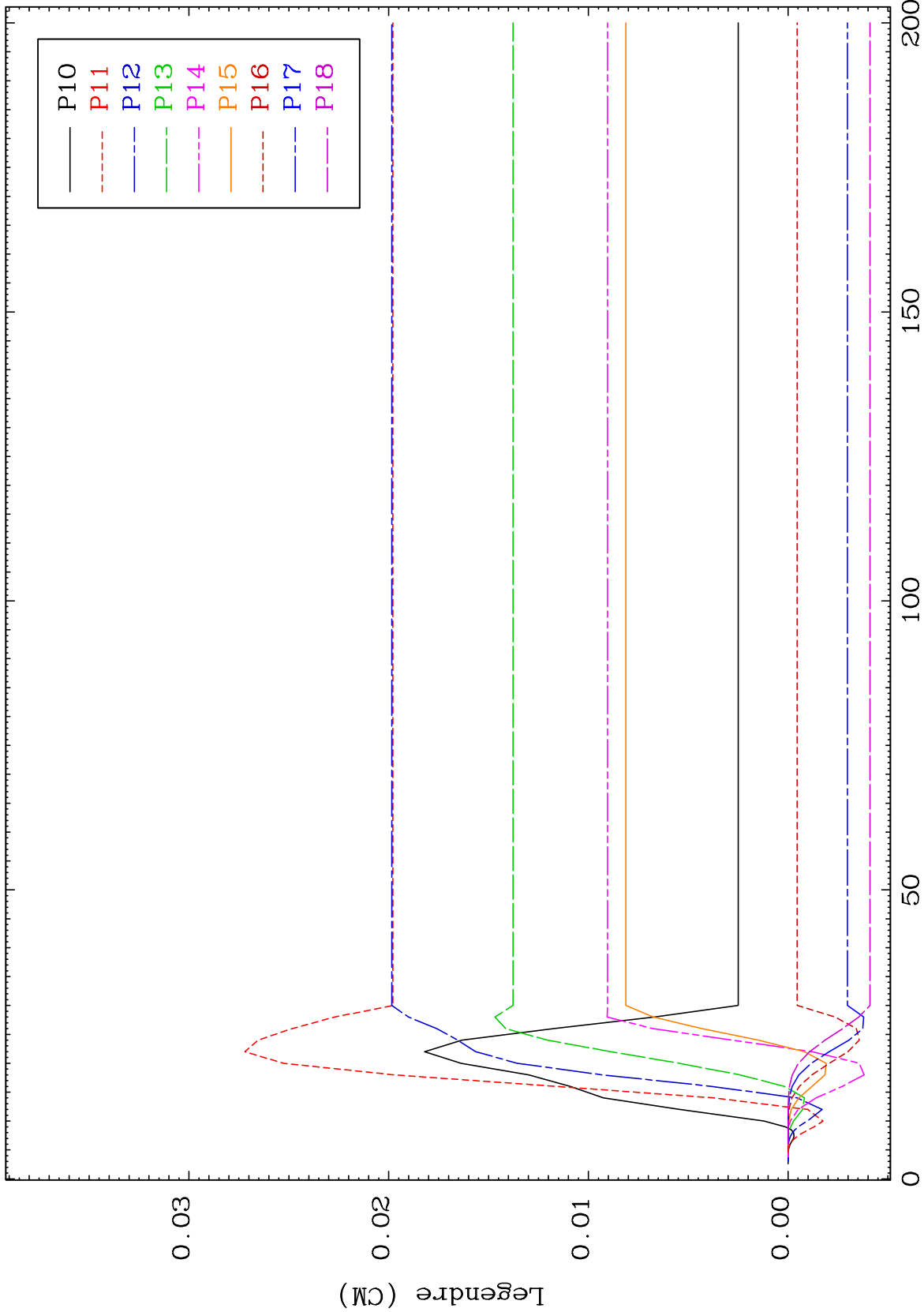
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116

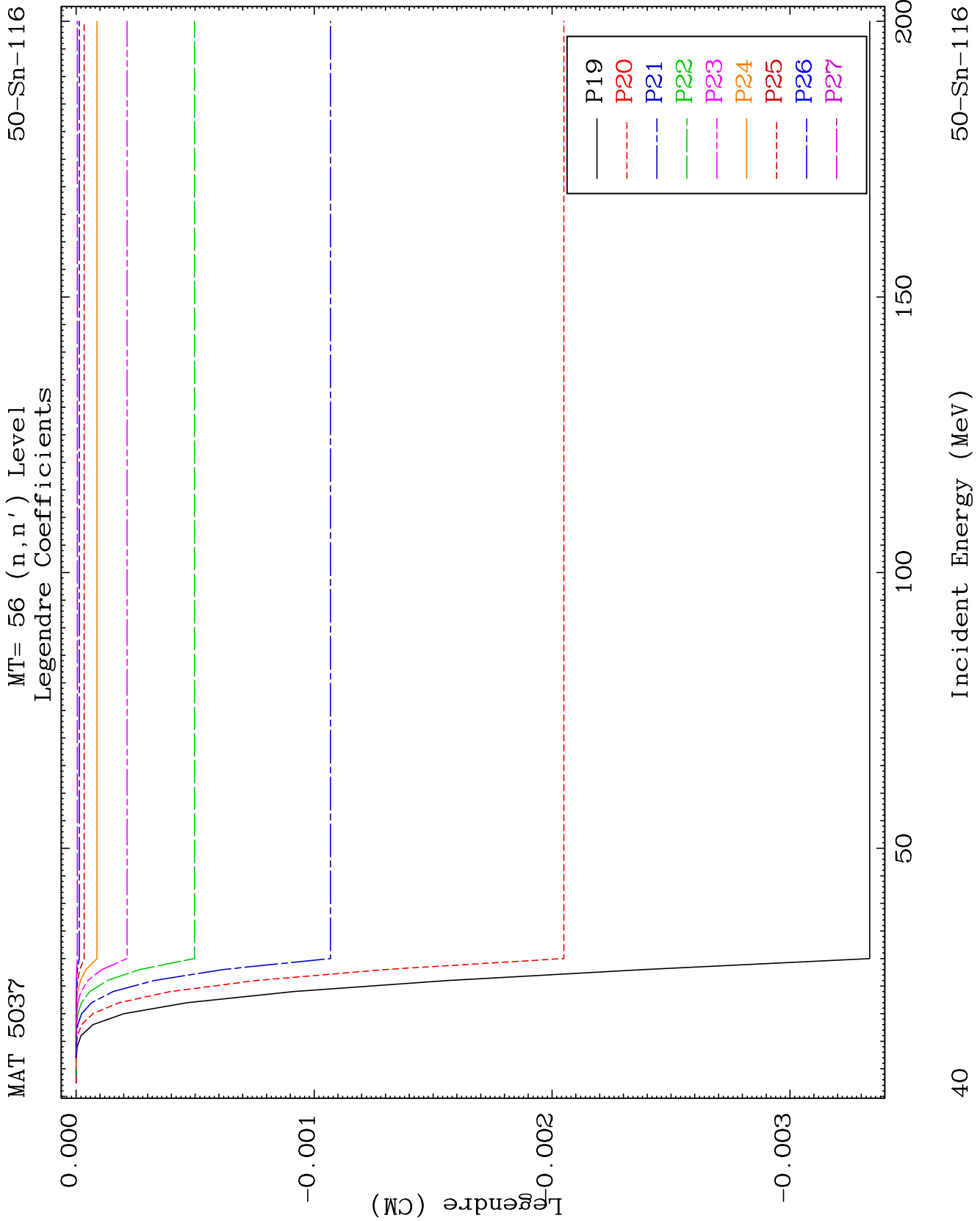


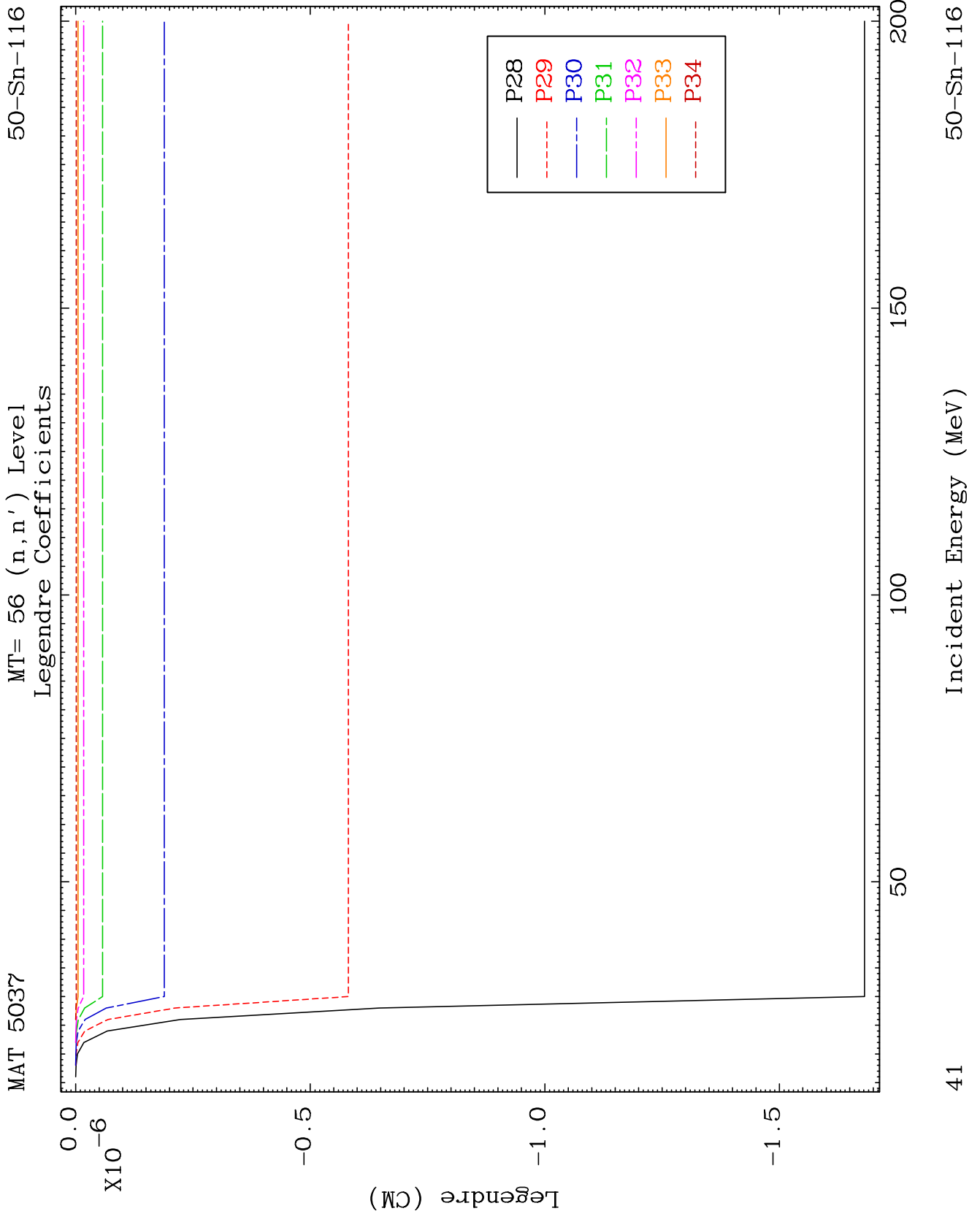
39

Incident Energy (MeV)

50-Sn-116



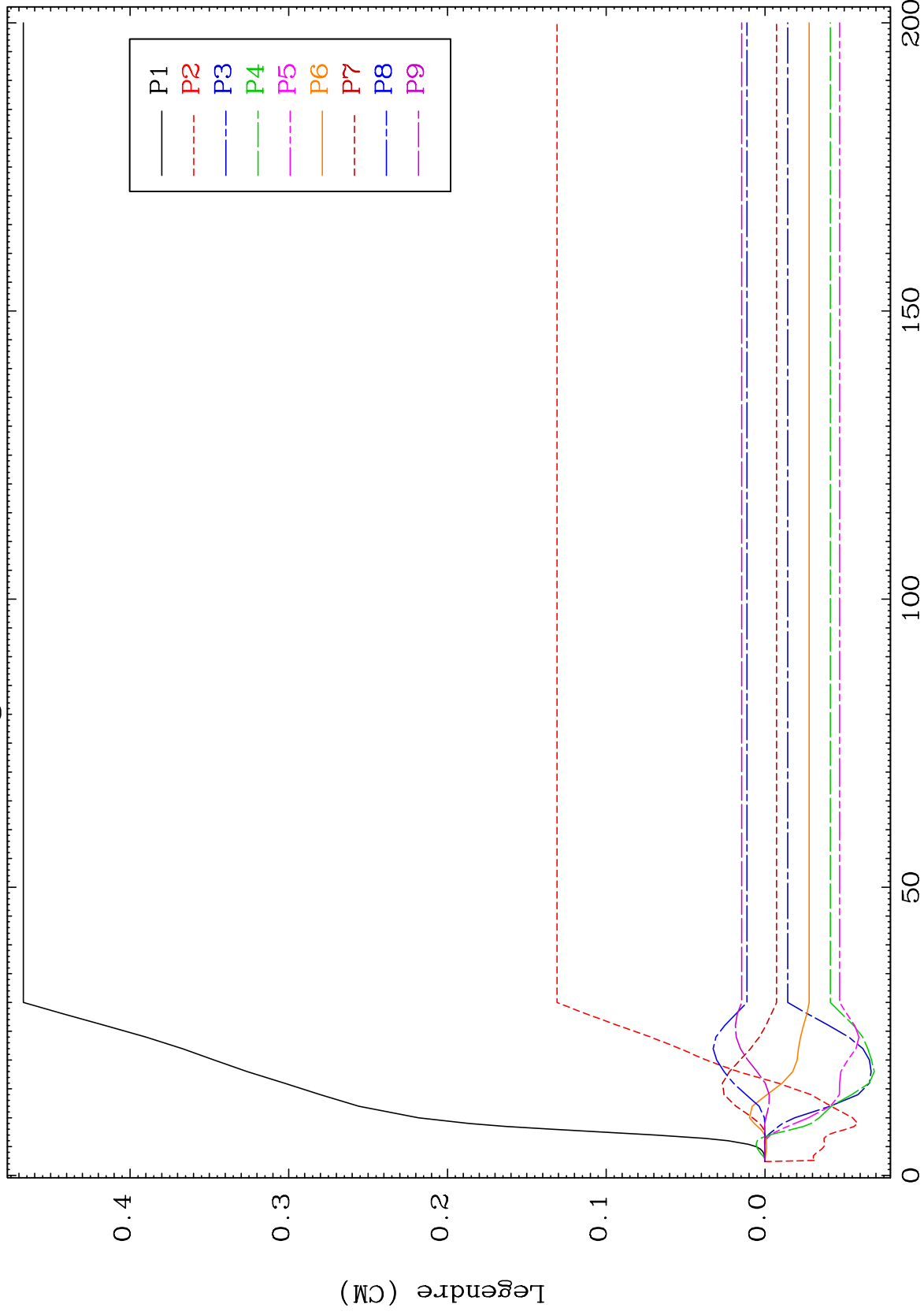




MAT 5037

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

50-Sn-116



42

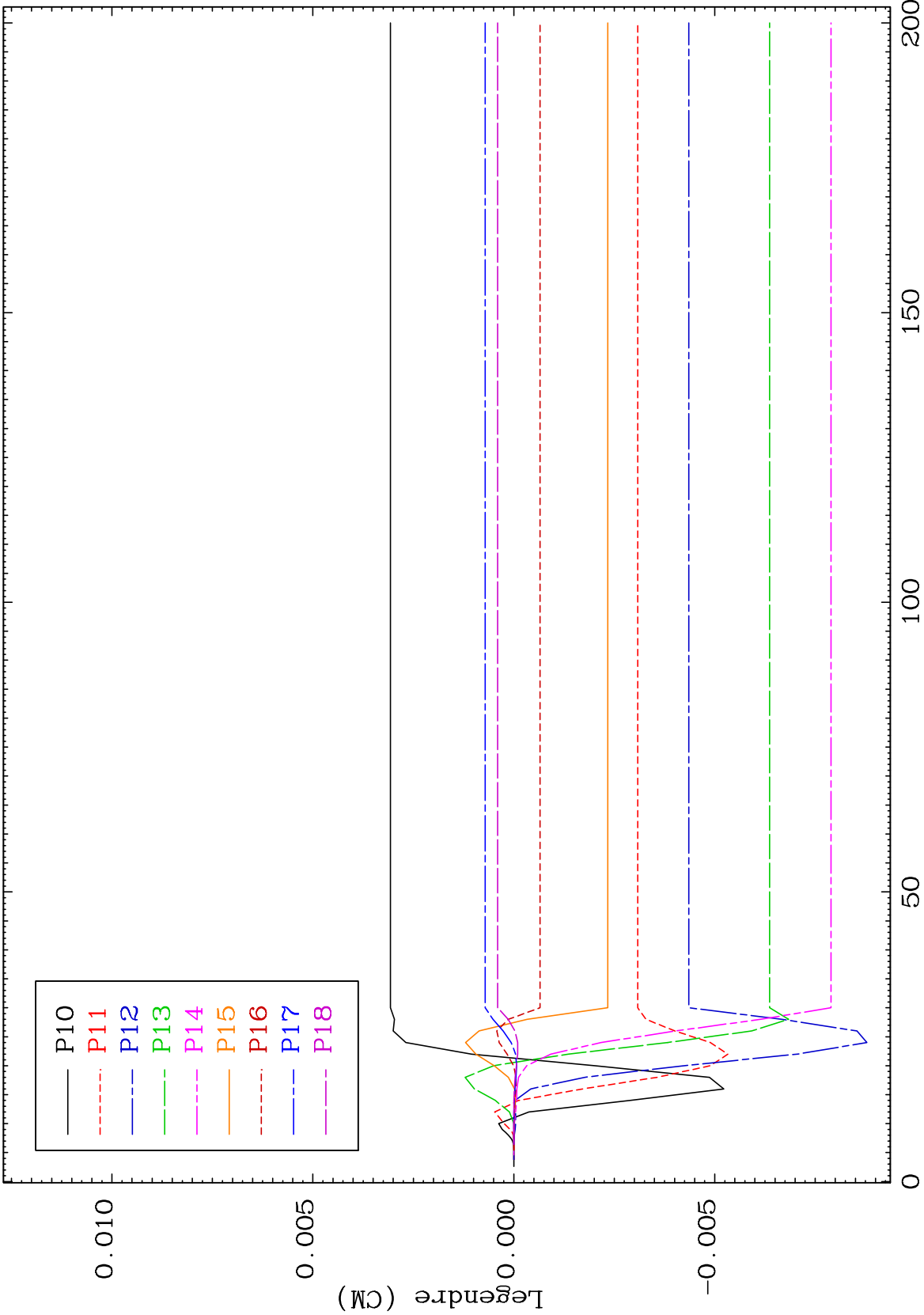
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



43

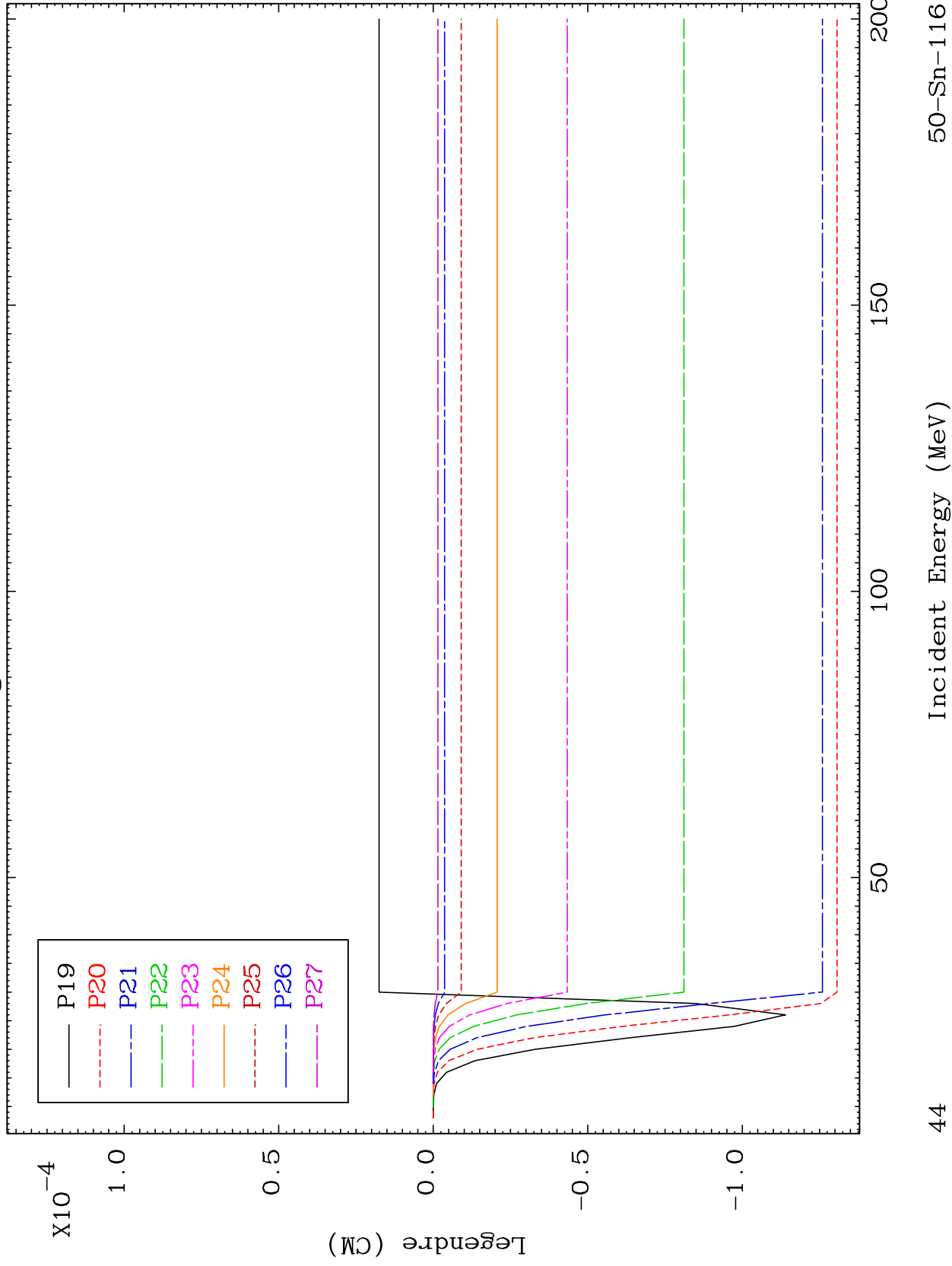
Incident Energy (MeV)

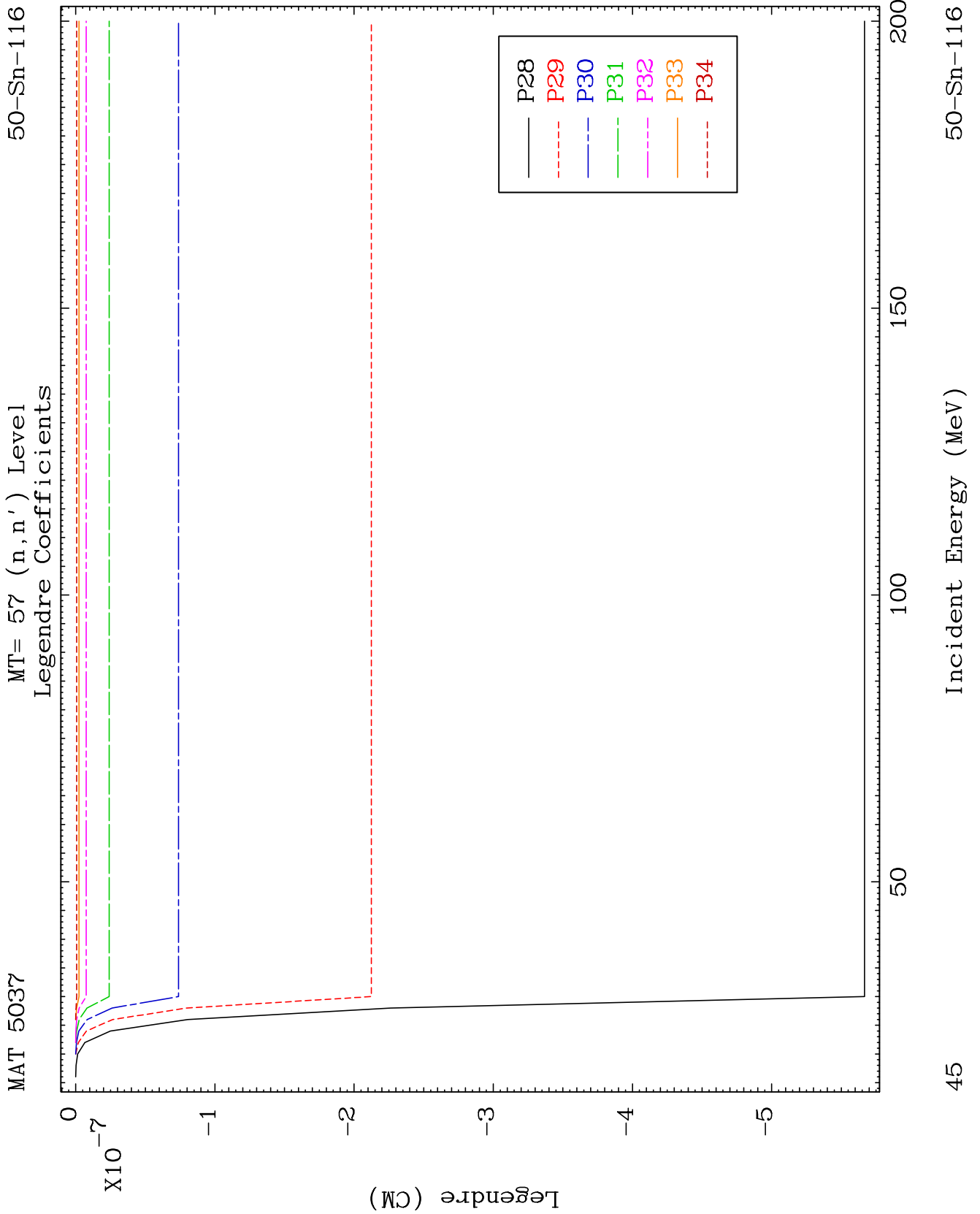
50-Sn-116

MAT 5037

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

50-Sn-116

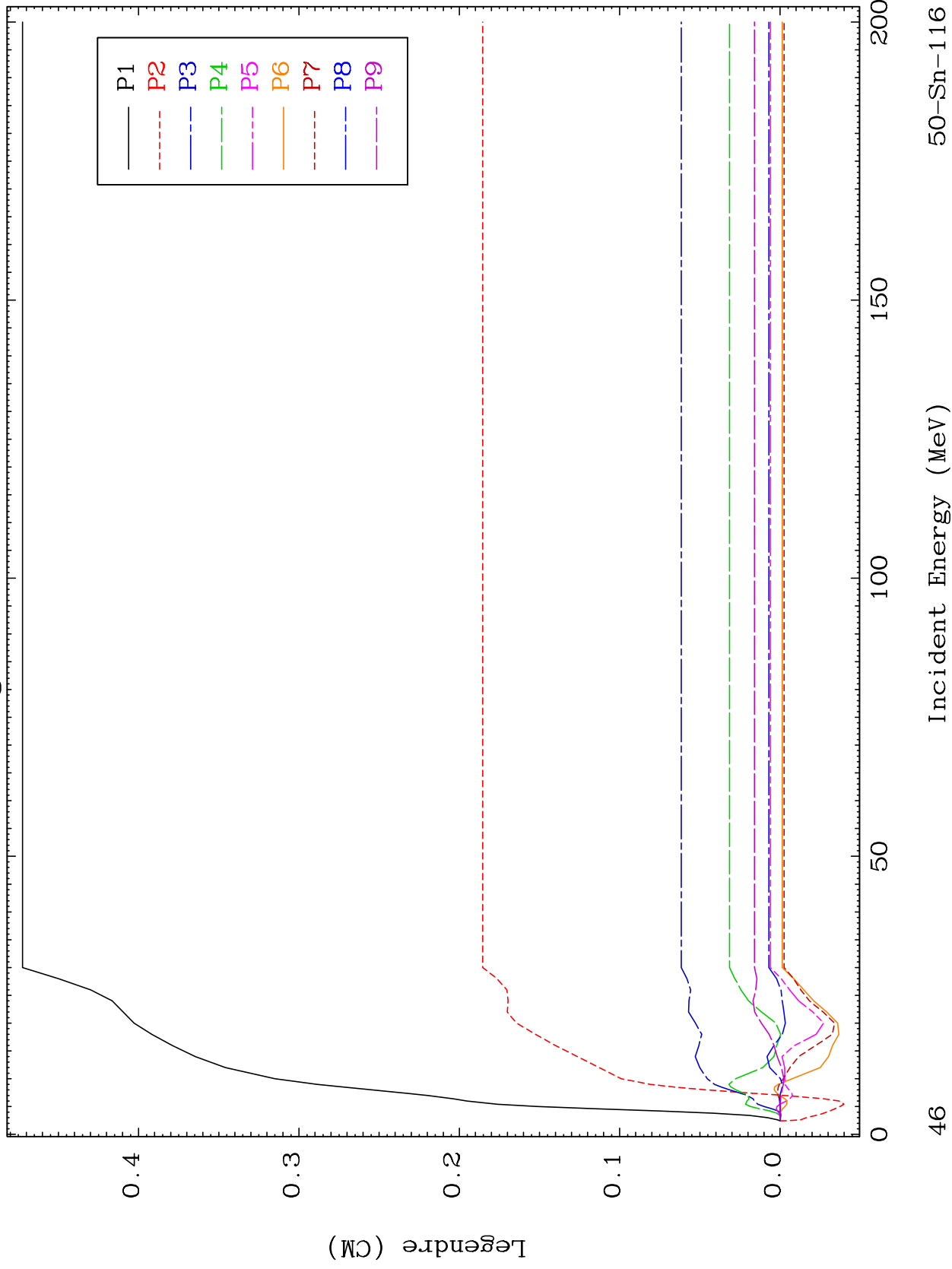




MAT 5037

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

50-Sn-116



50-Sn-116

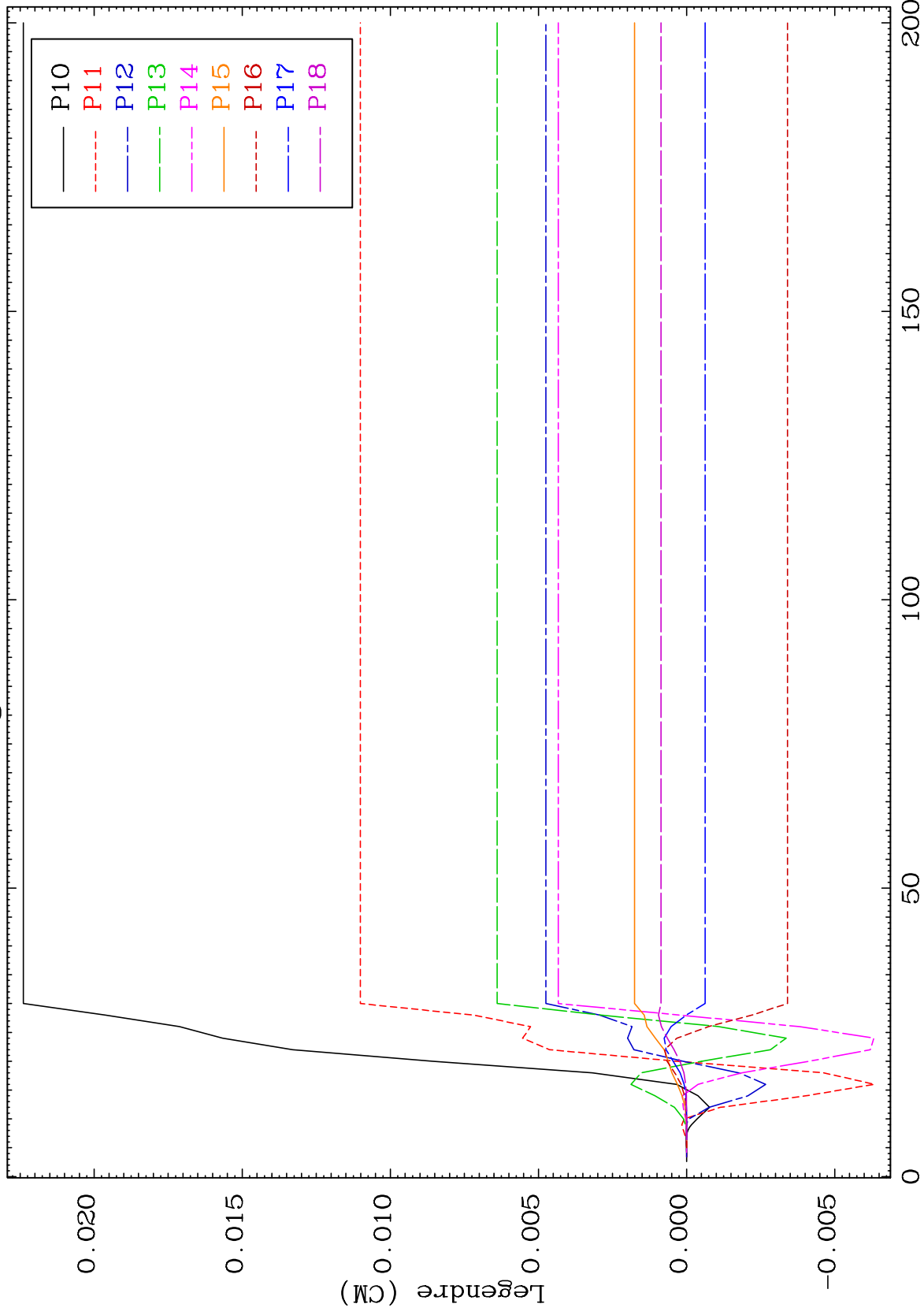
Incident Energy (MeV)

46

MAT 5037

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

50-Sn-116



47

Incident Energy (MeV)

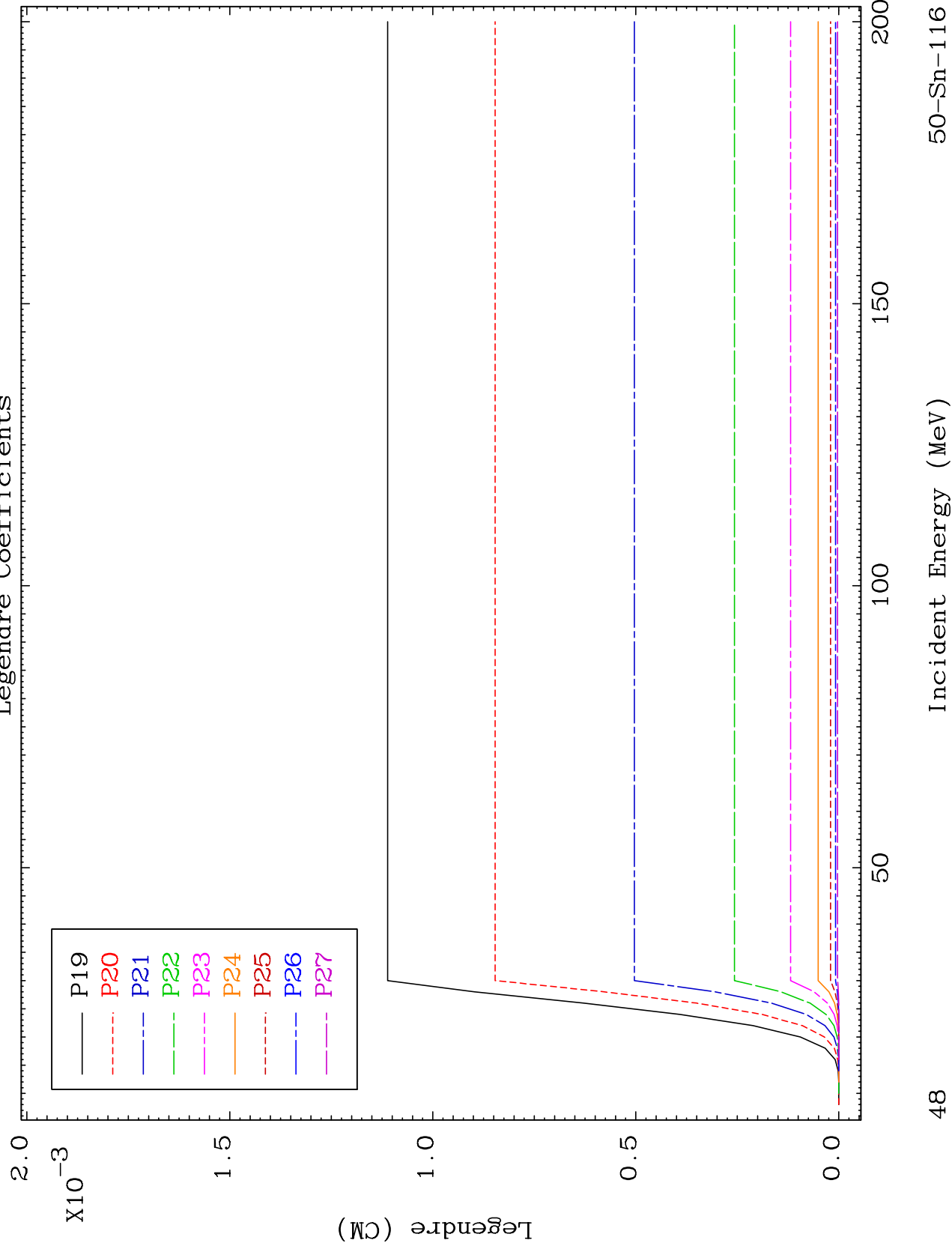
50-Sn-116



MAT 5037

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

50-Sn-116



48

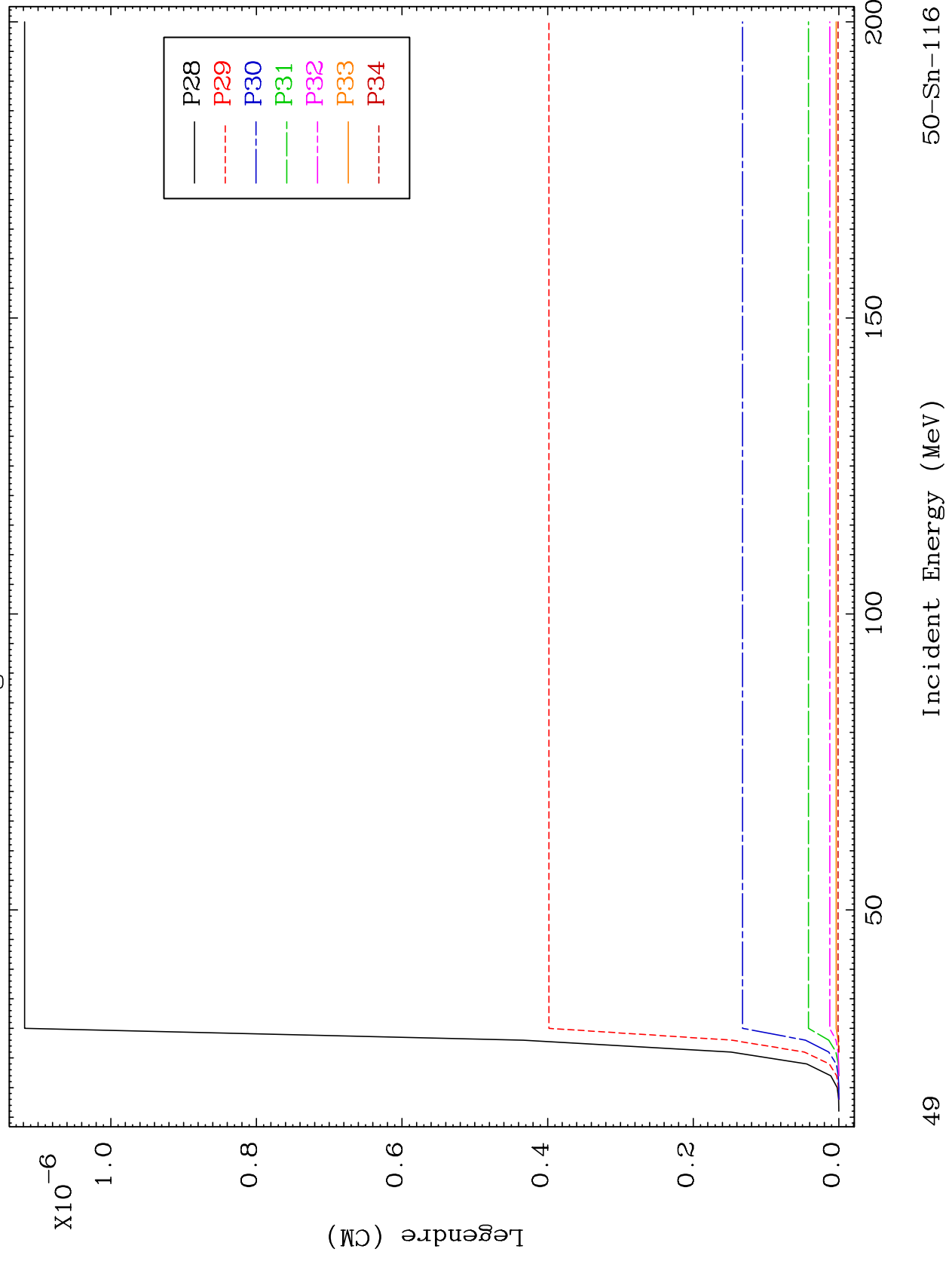
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



49

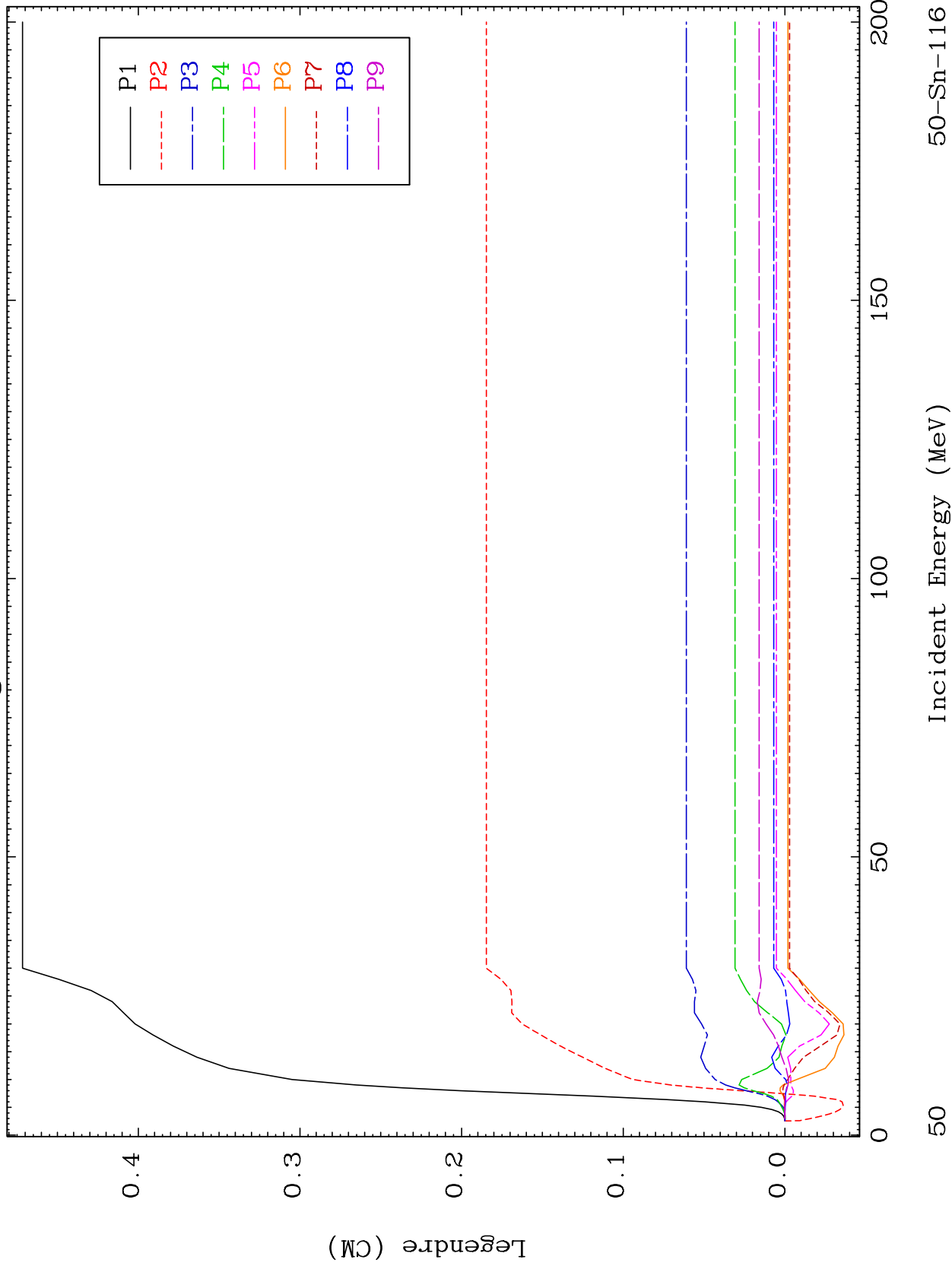
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



50-Sn-116

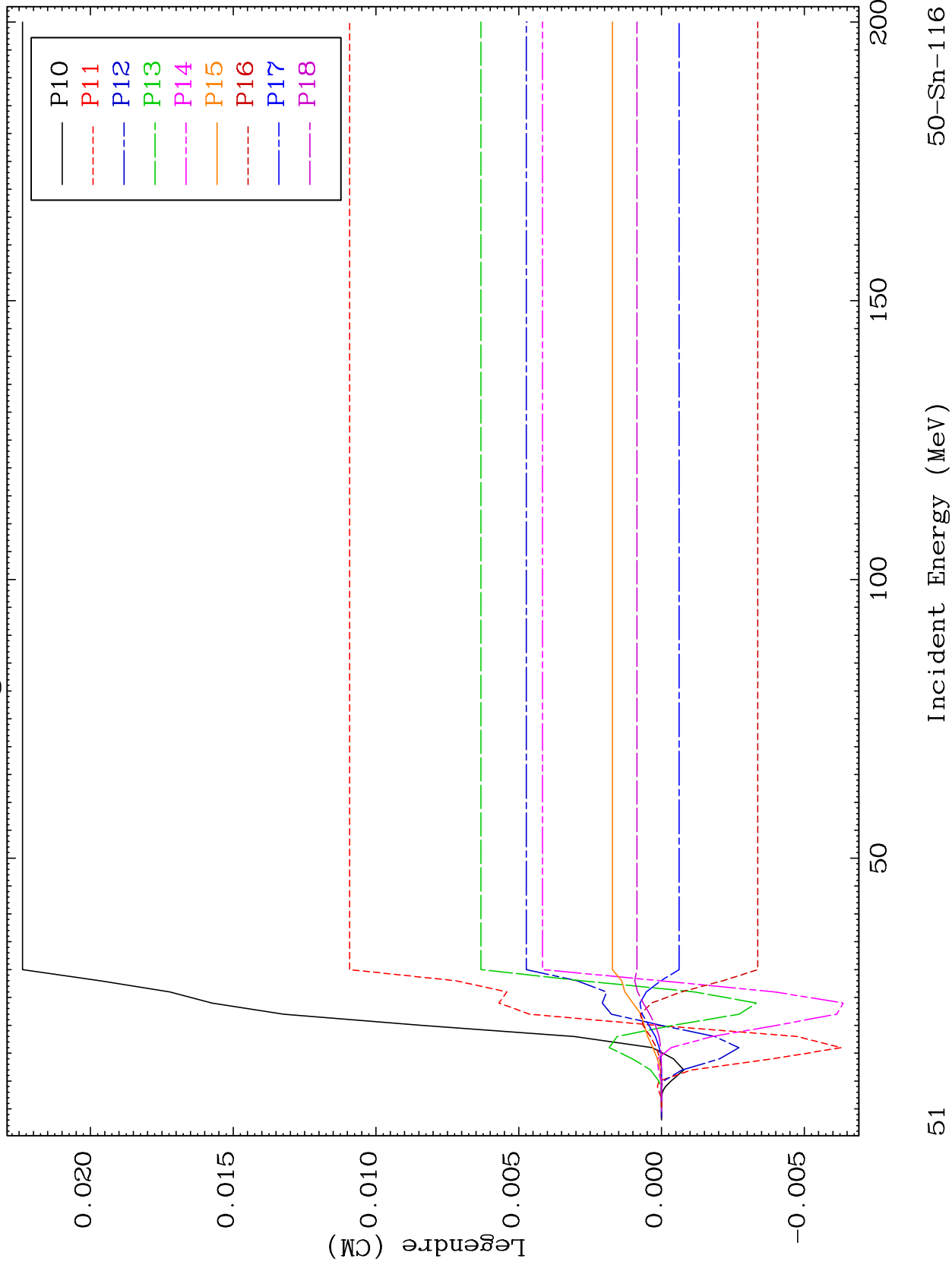
Incident Energy (MeV)

50

MAT 5037

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

50-Sn-116



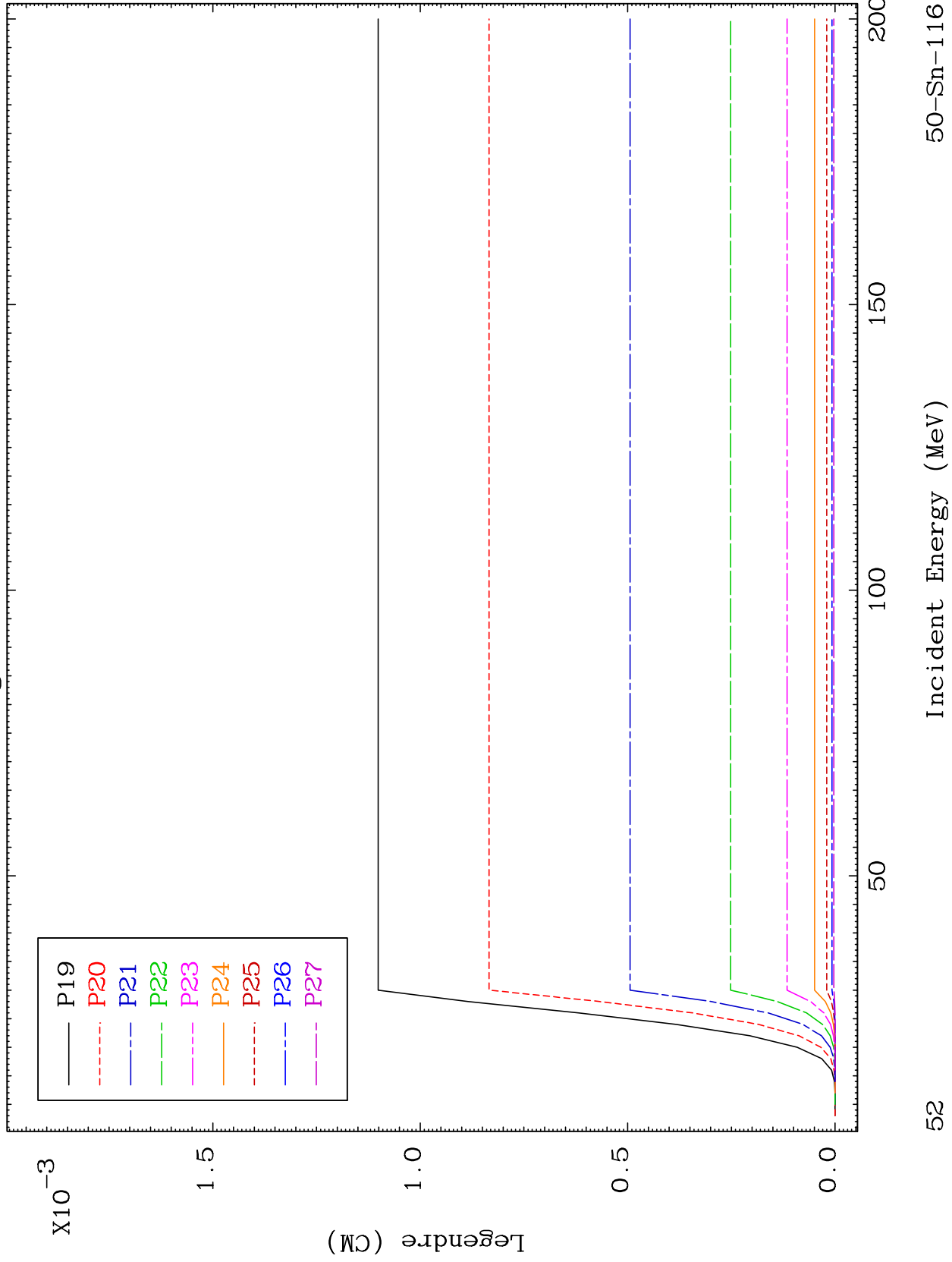
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50-Sn-116

MAT 5037

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

50-Sn-116



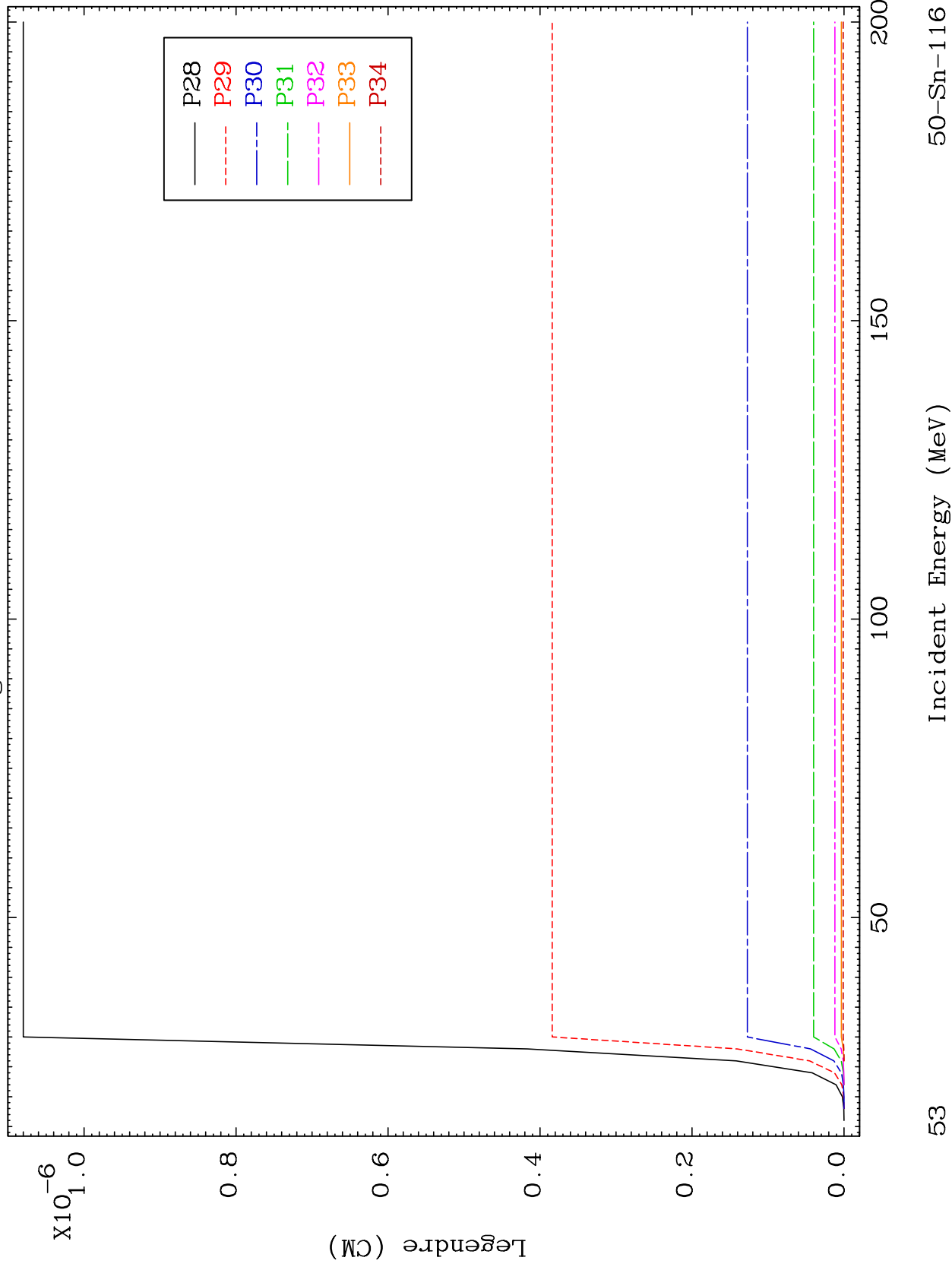
52

50-Sn-116

MAT 5037

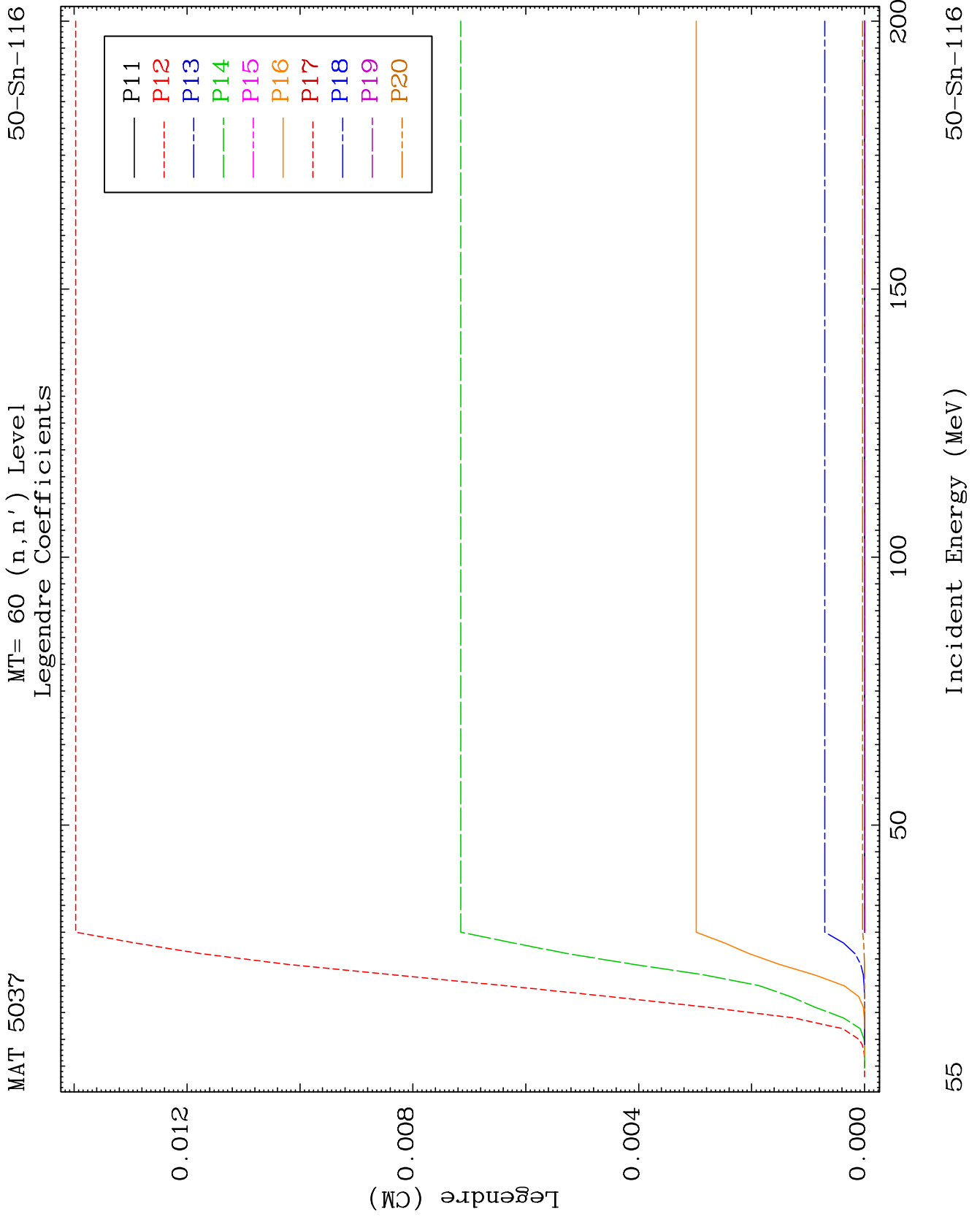
MT= 59 (n,n') Level  
Legendre Coefficients

50-Sn-116

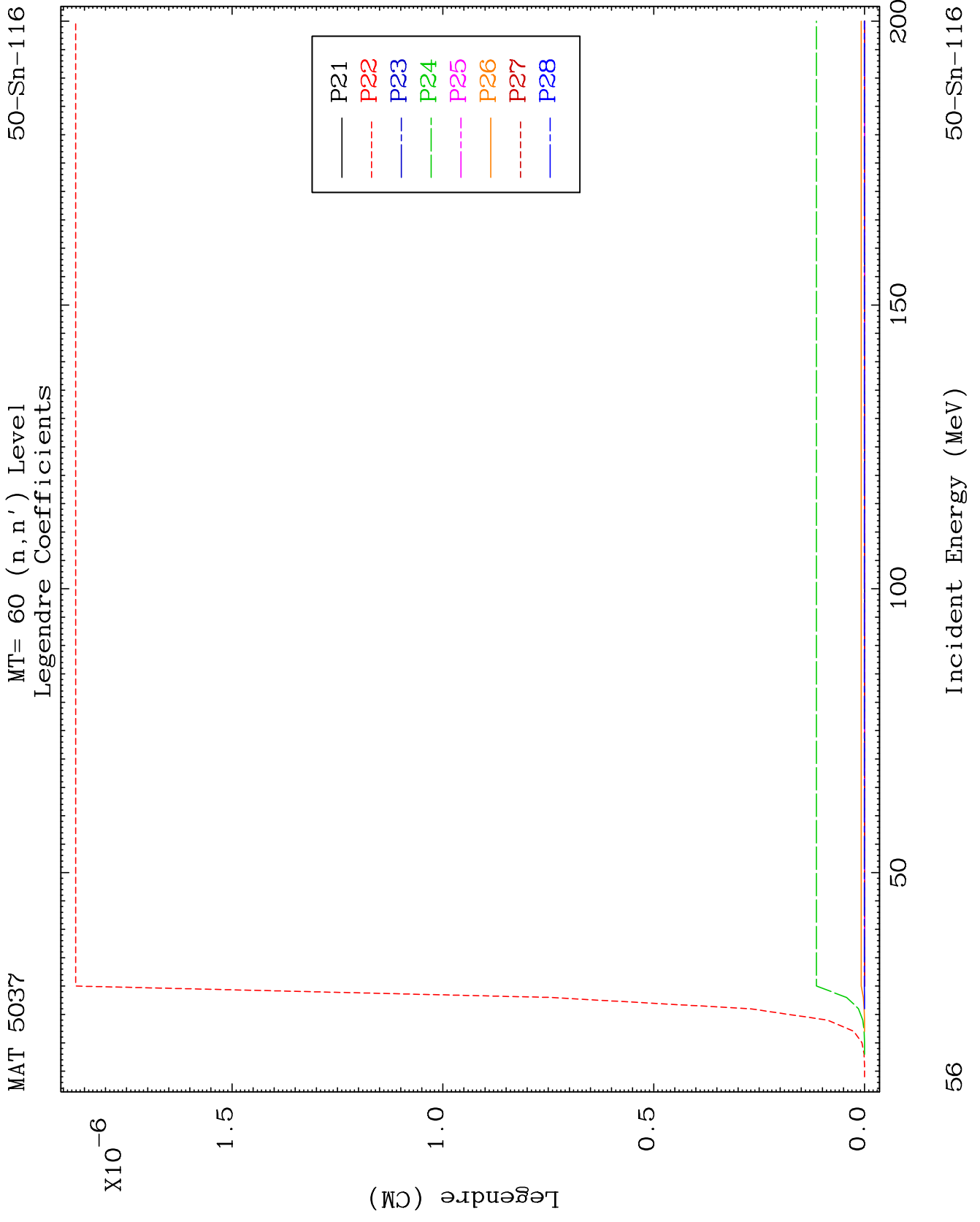


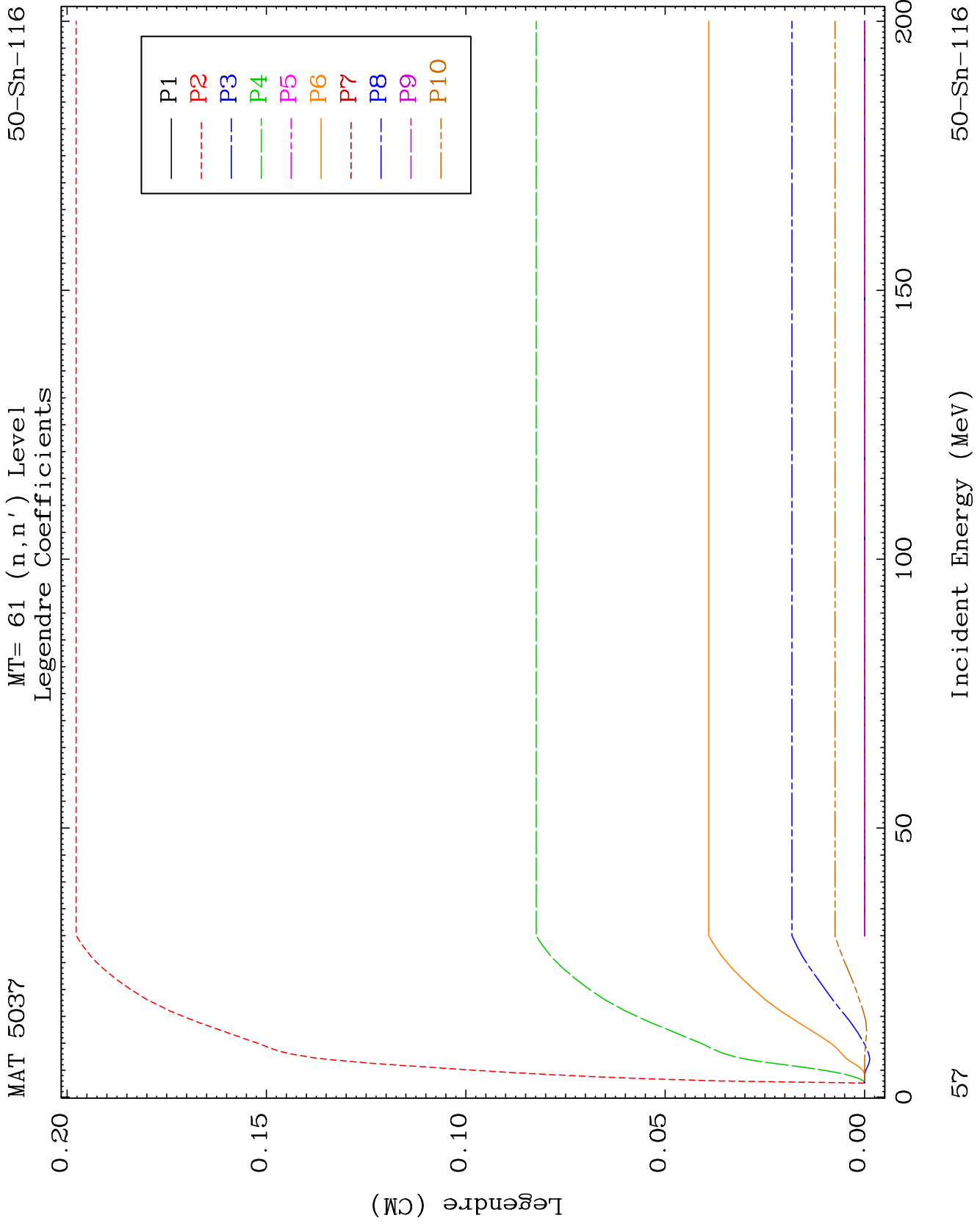
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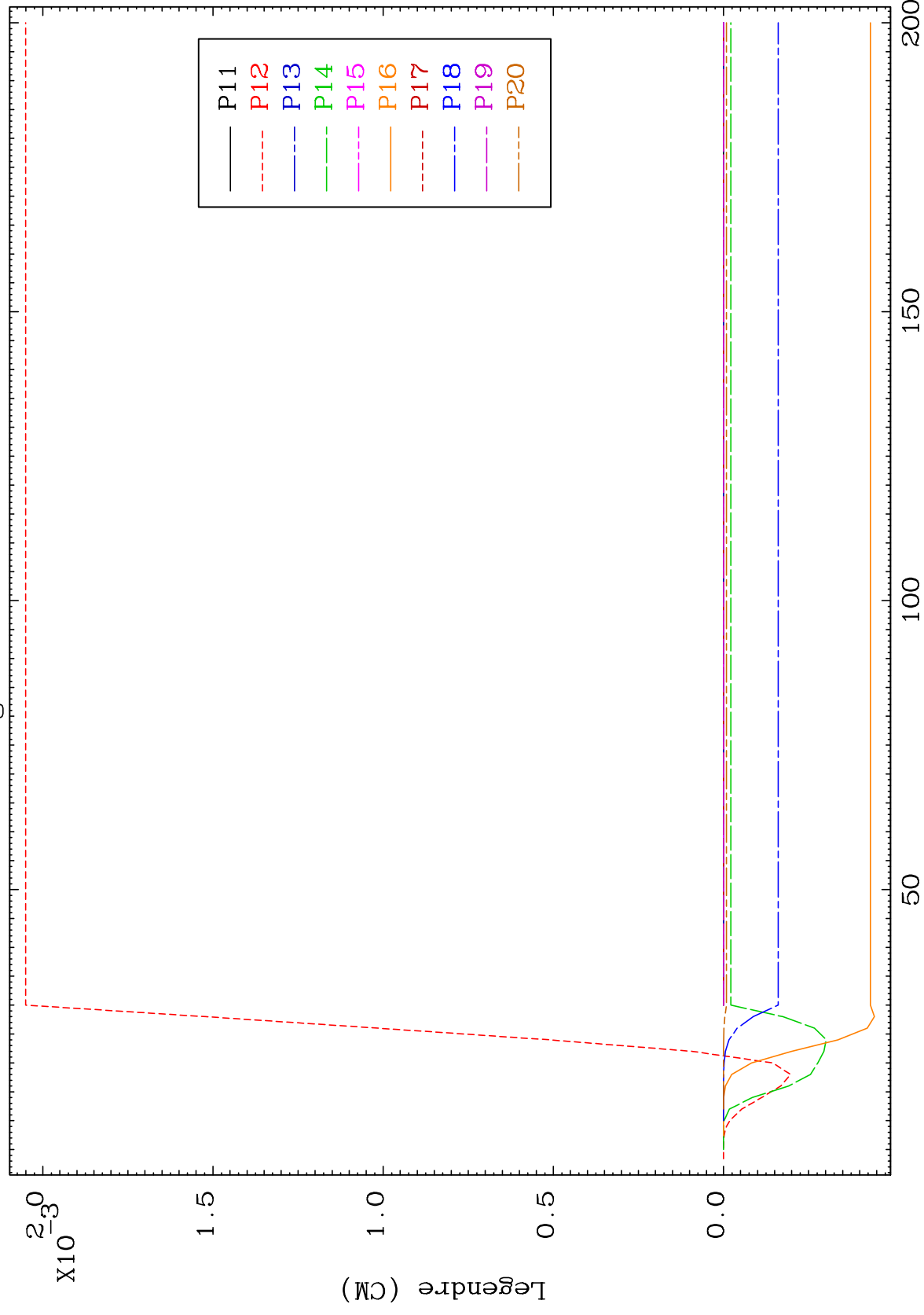




MAT 5037

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

50-Sn-116



58

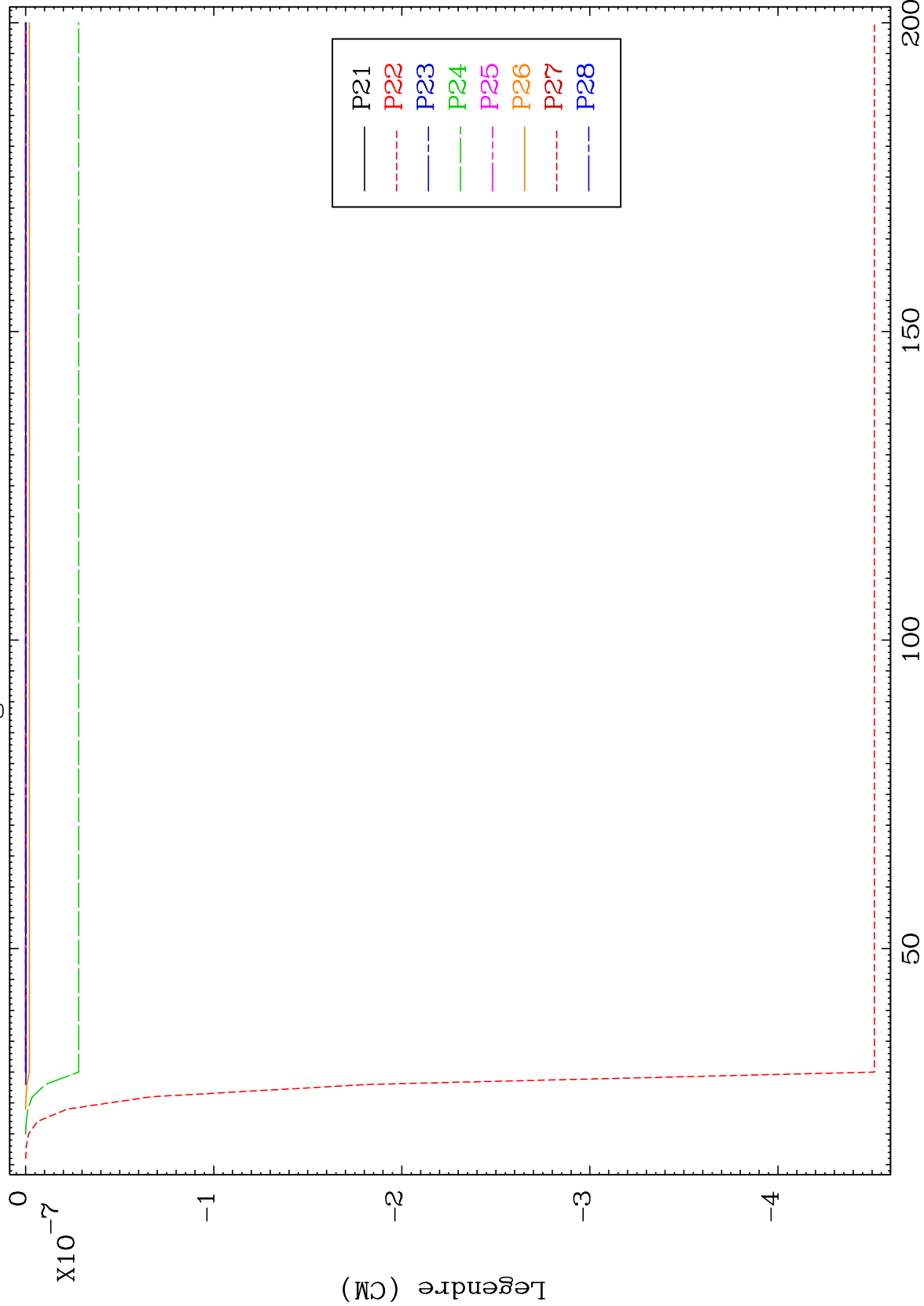
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116

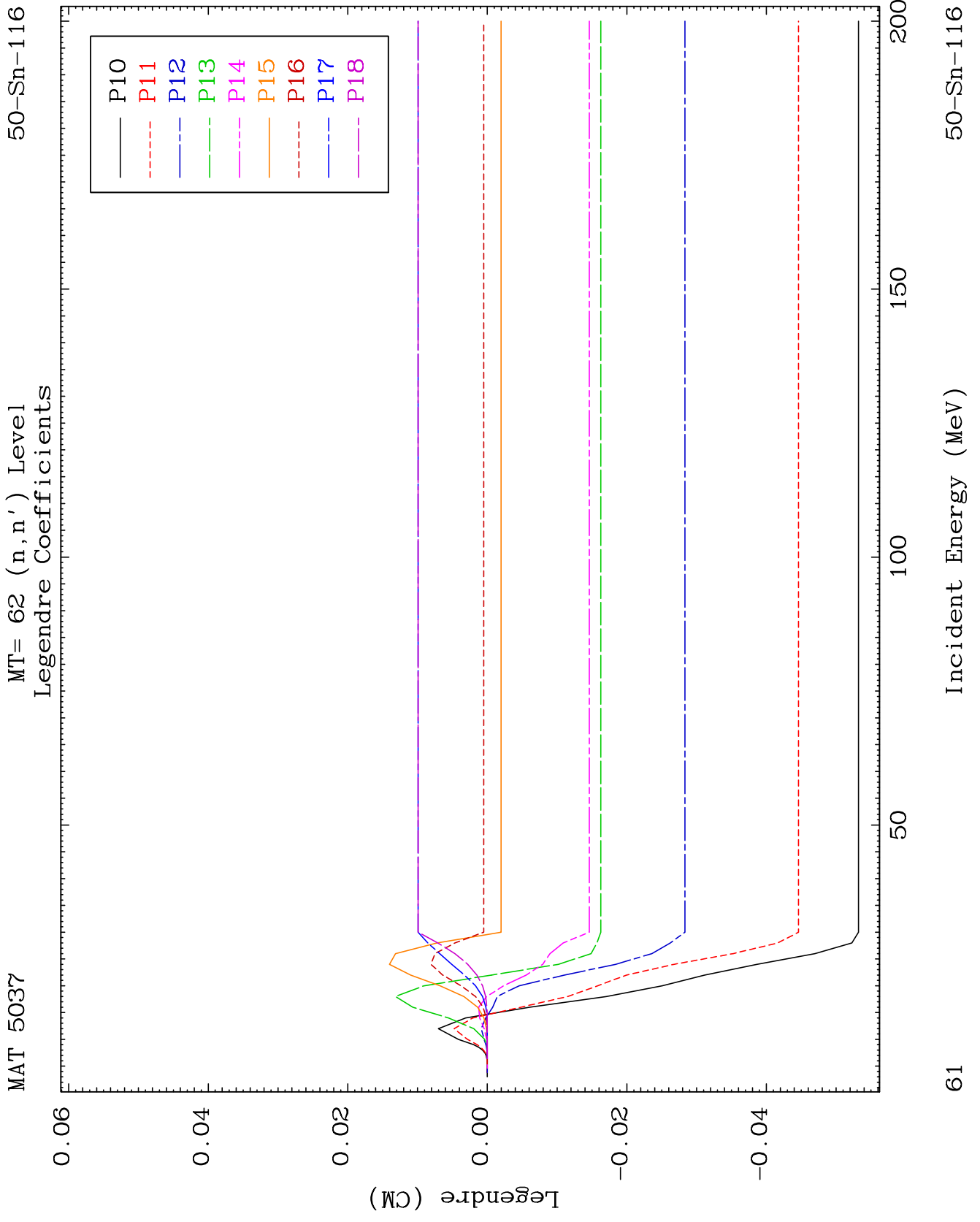


50-Sn-116

Incident Energy (MeV)

59

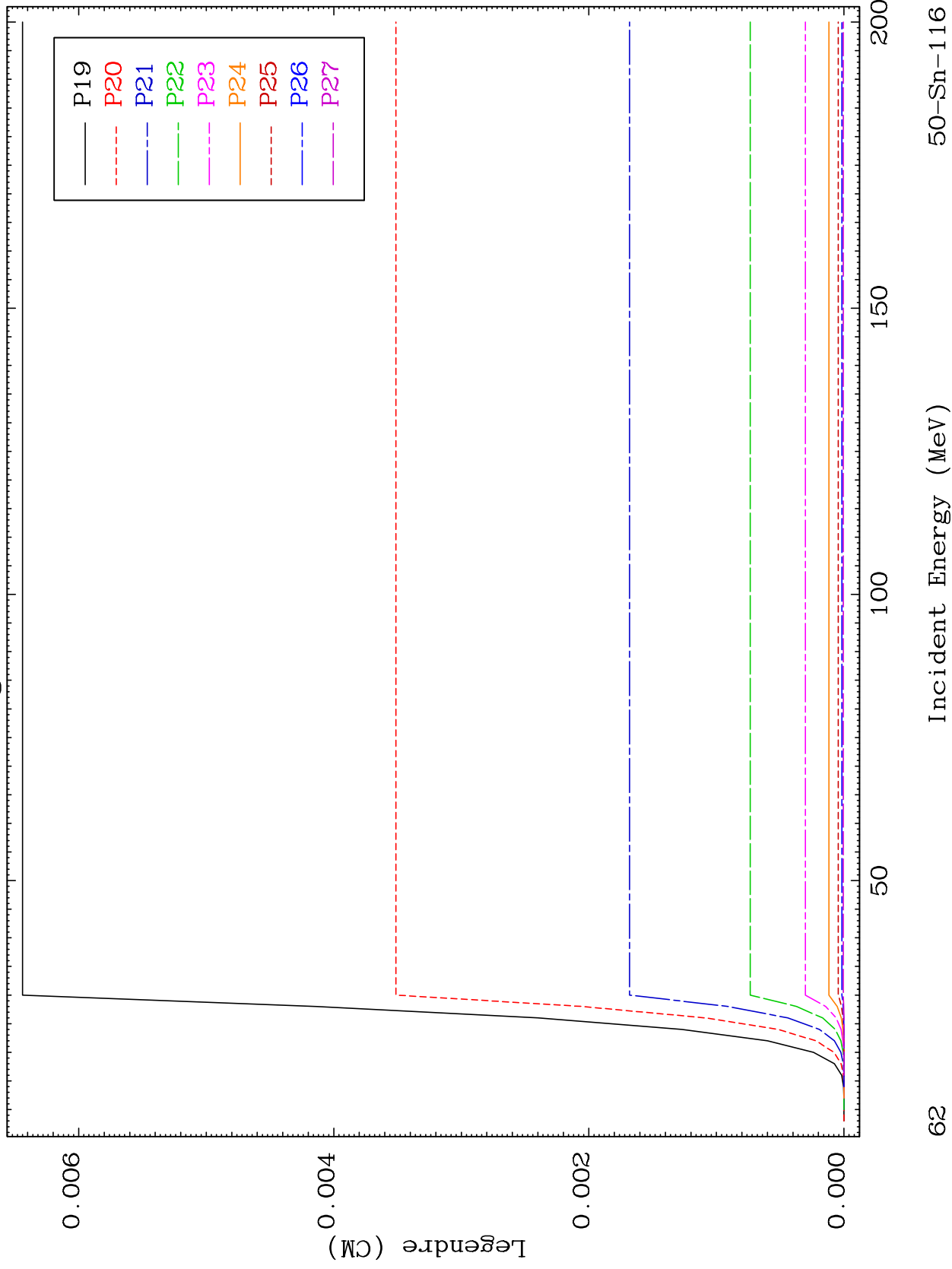




MAT 5037

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

50-Sn-116



62

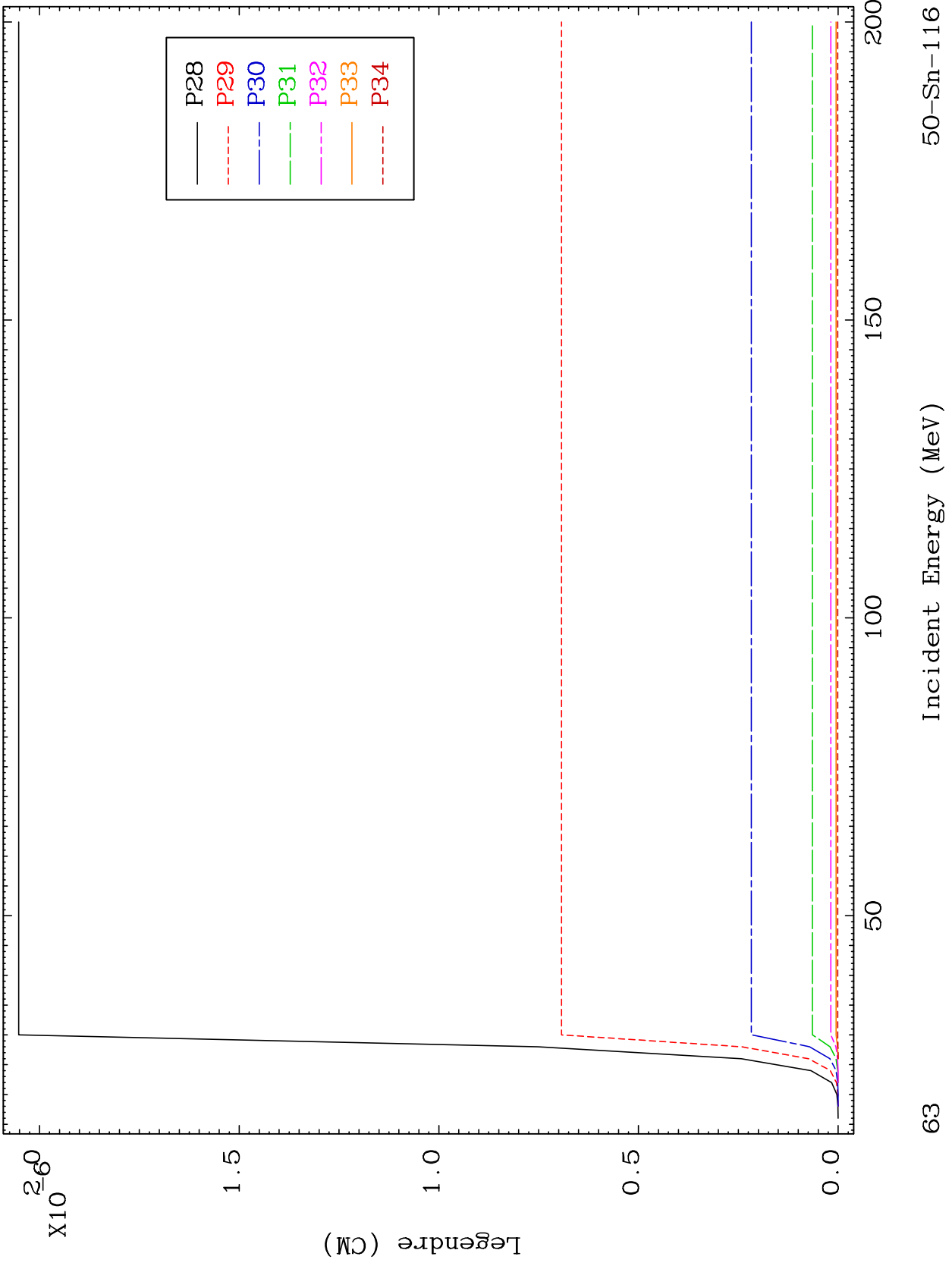
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



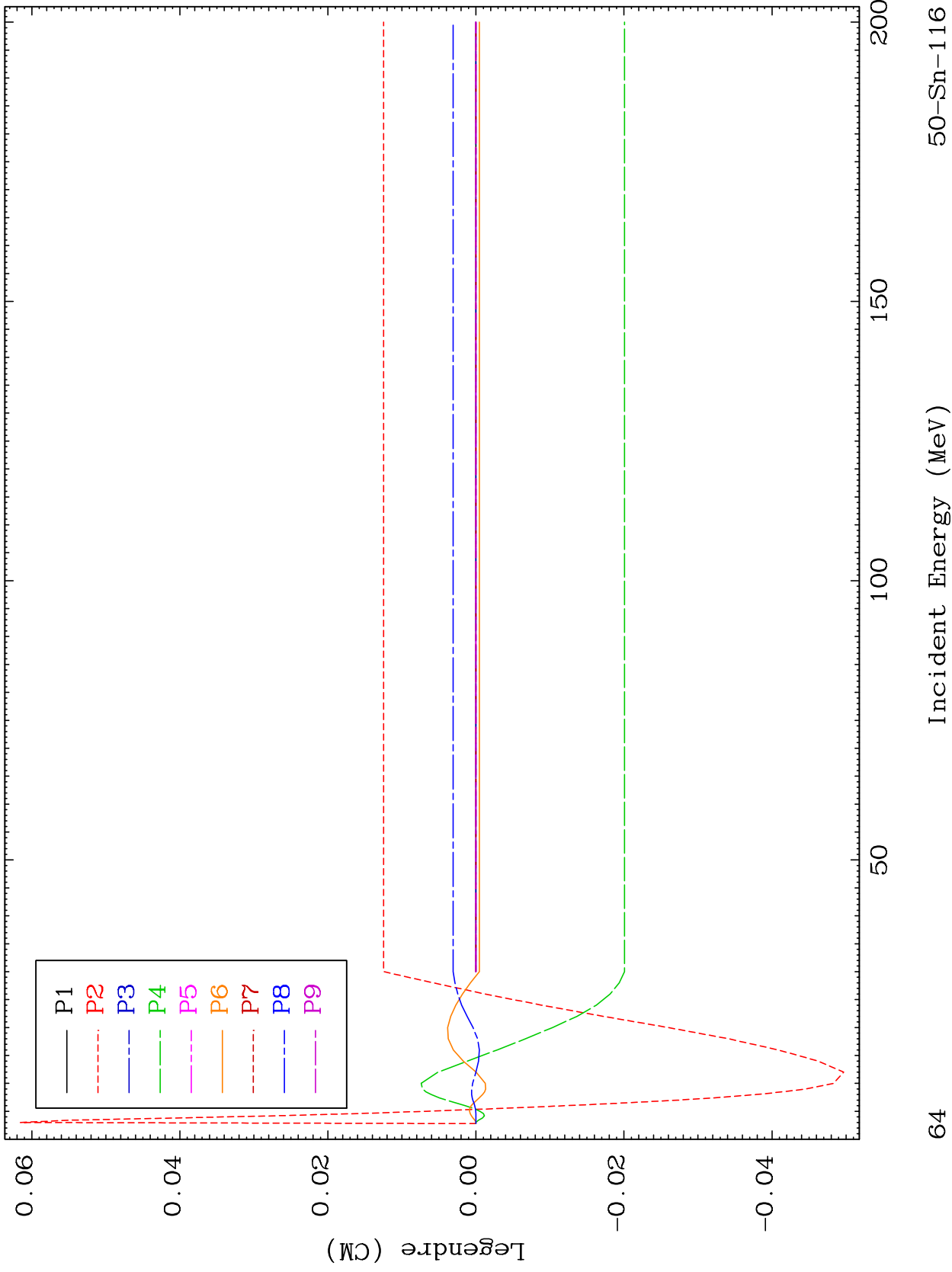
63



MAT 5037

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

50-Sn-116



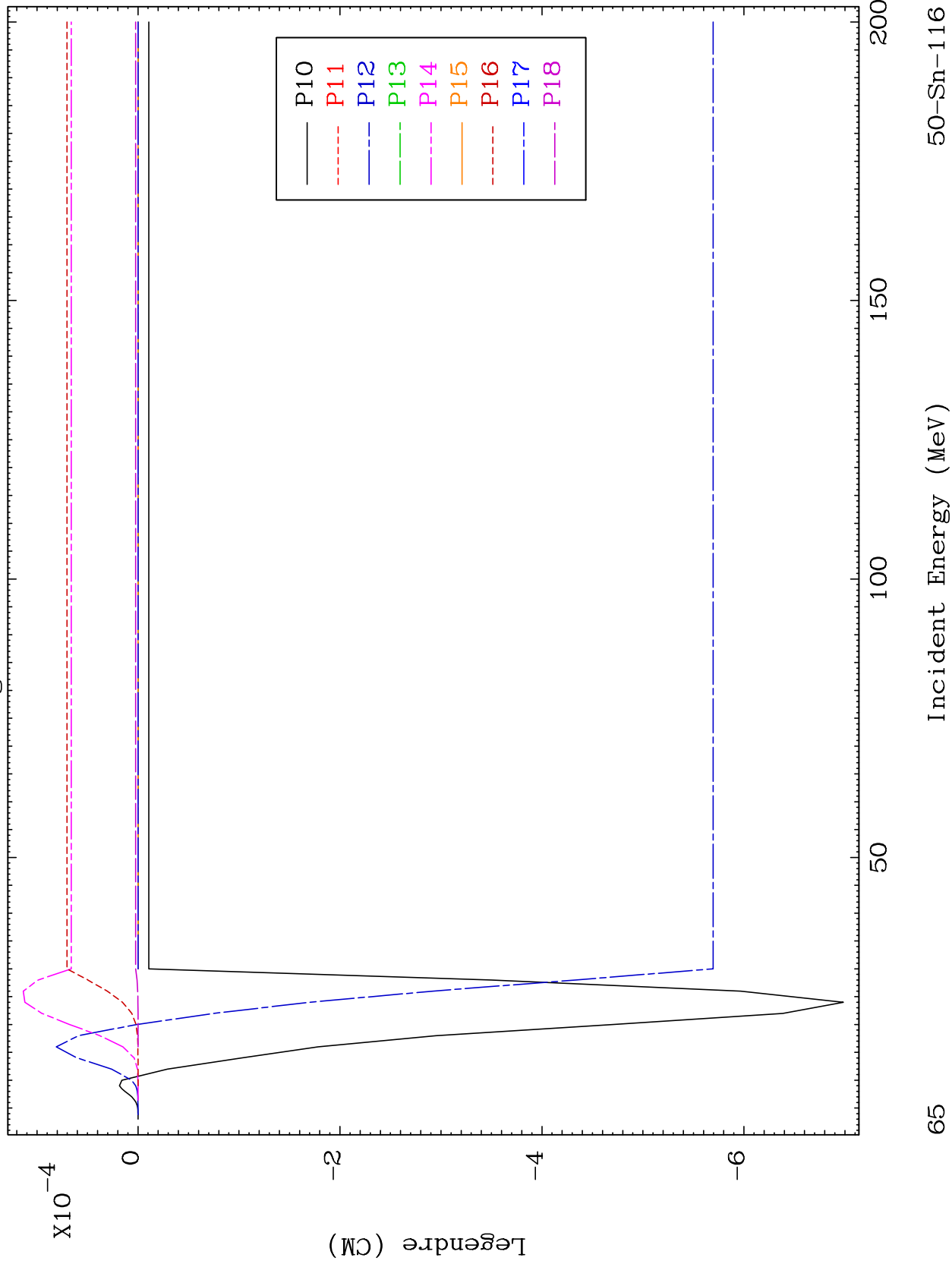
64

50-Sn-116

MAT 5037

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

50-Sn-116



65

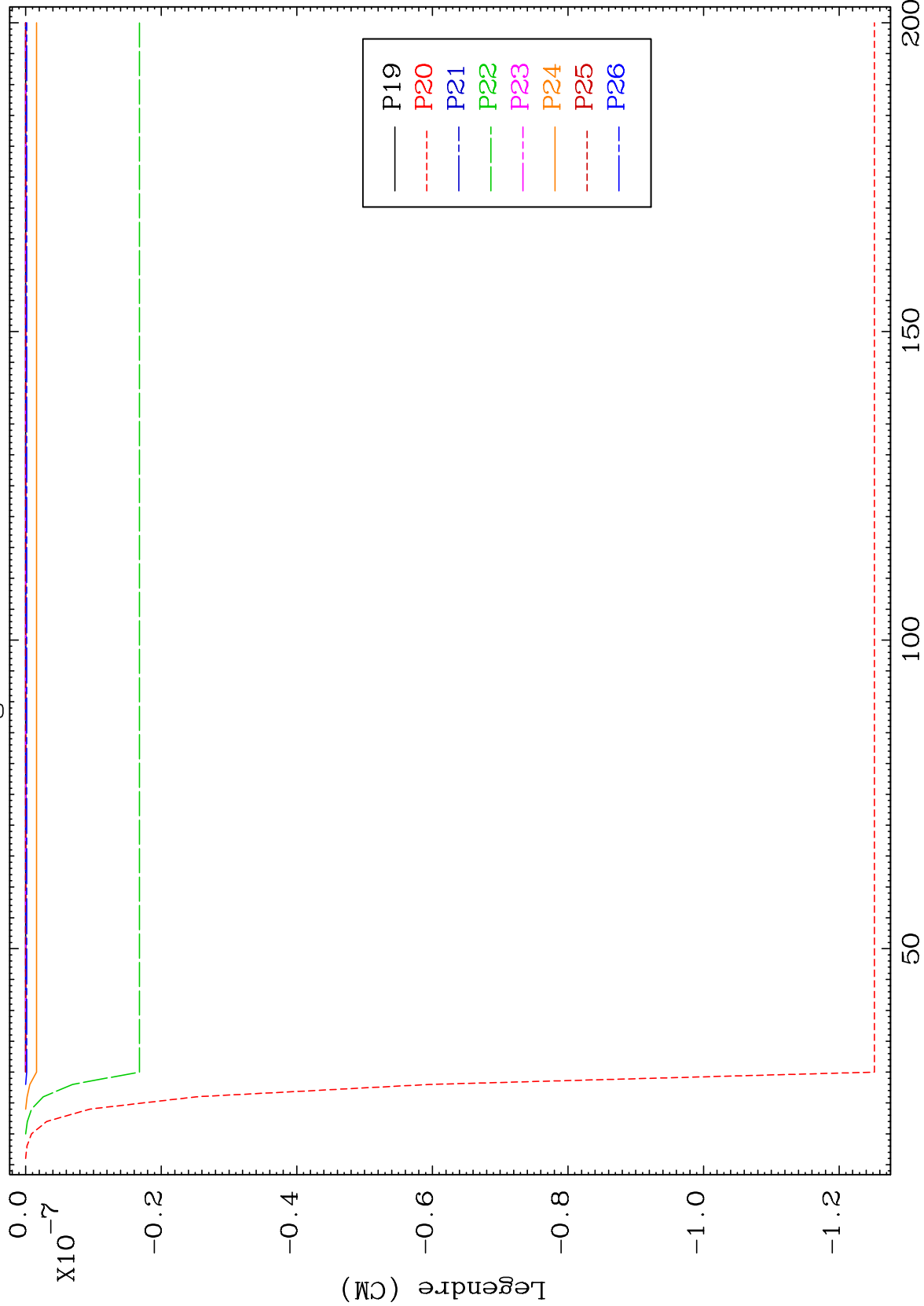
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

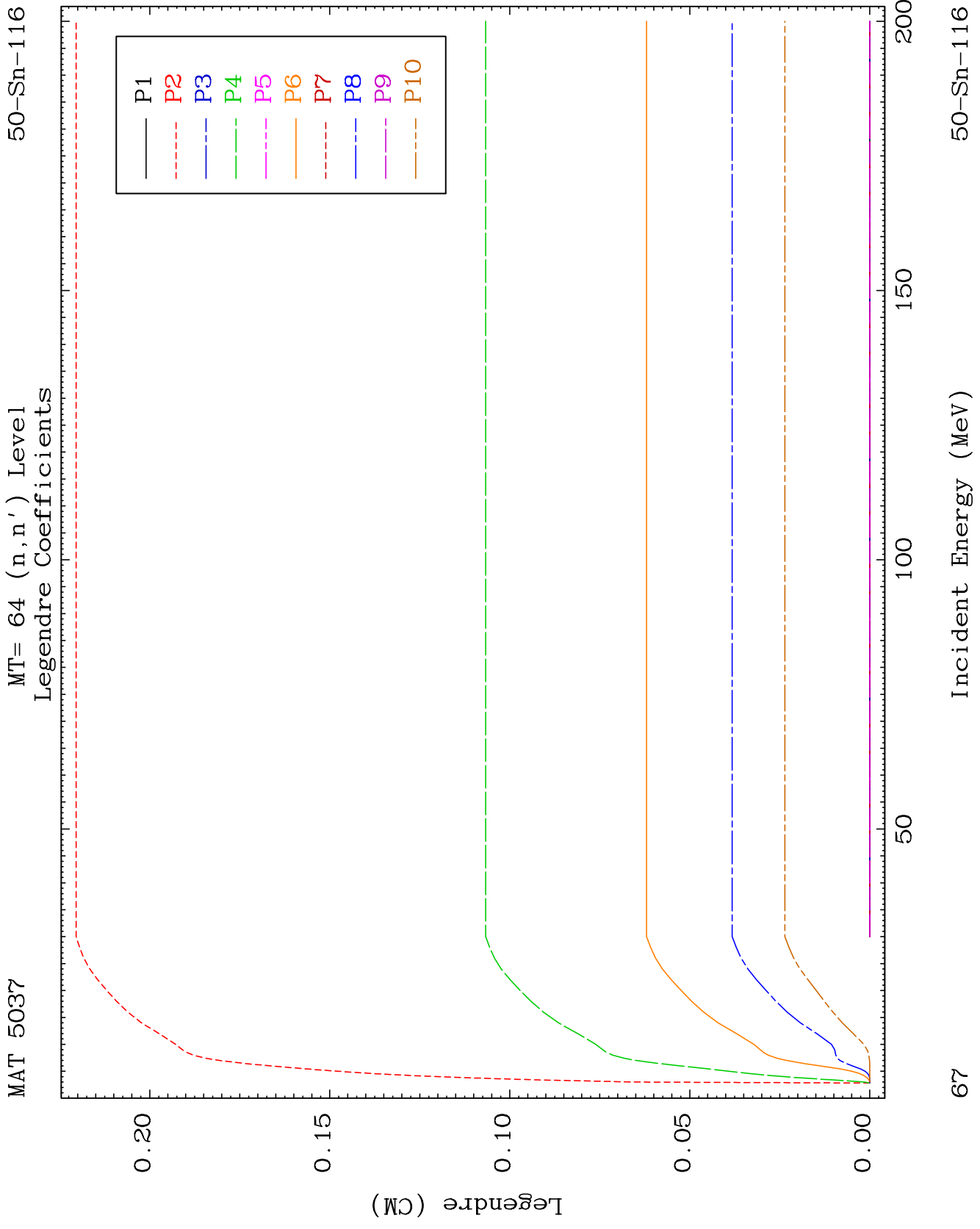
50-Sn-116



66

Incident Energy (MeV)

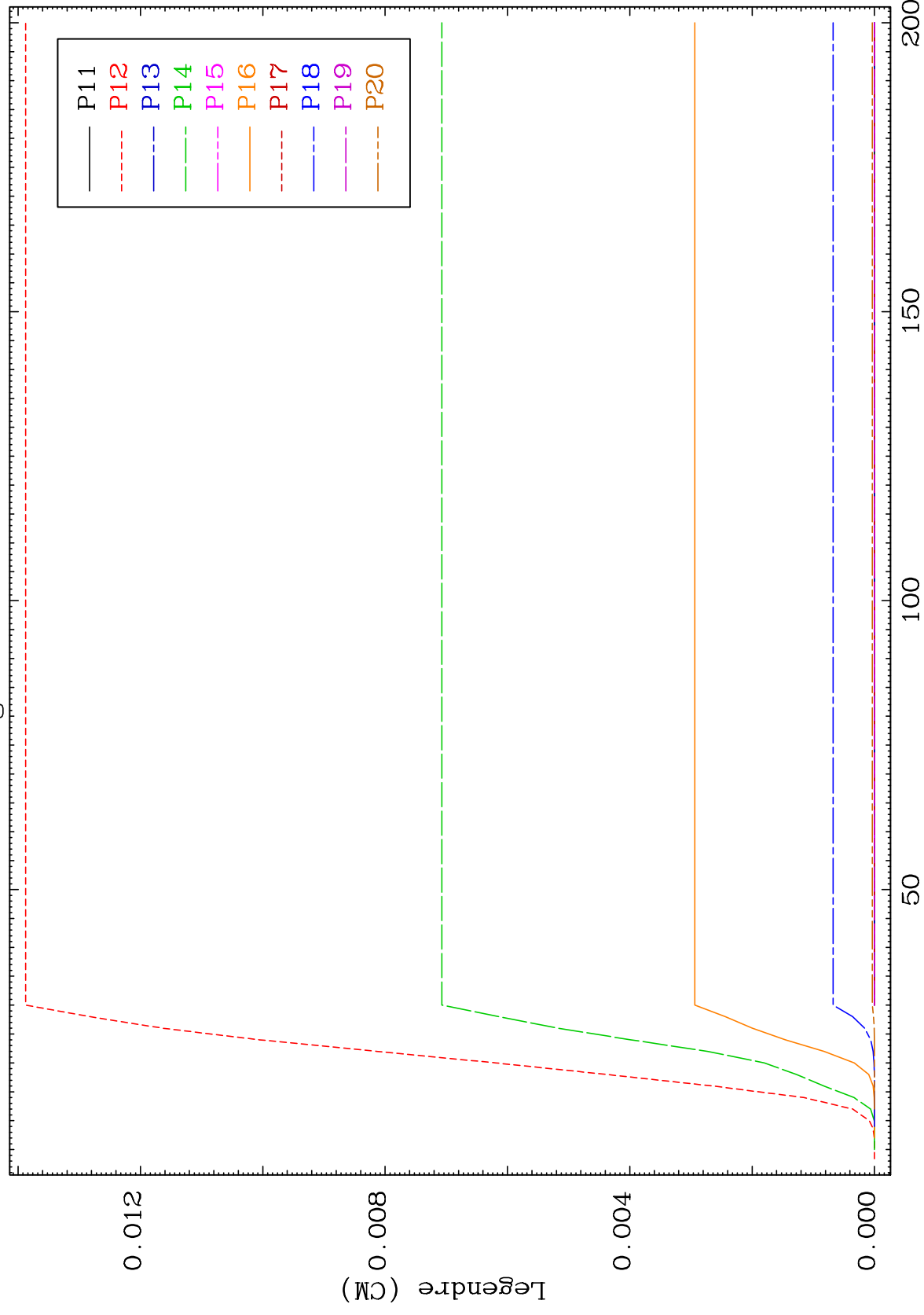
50-Sn-116



MAT 5037

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

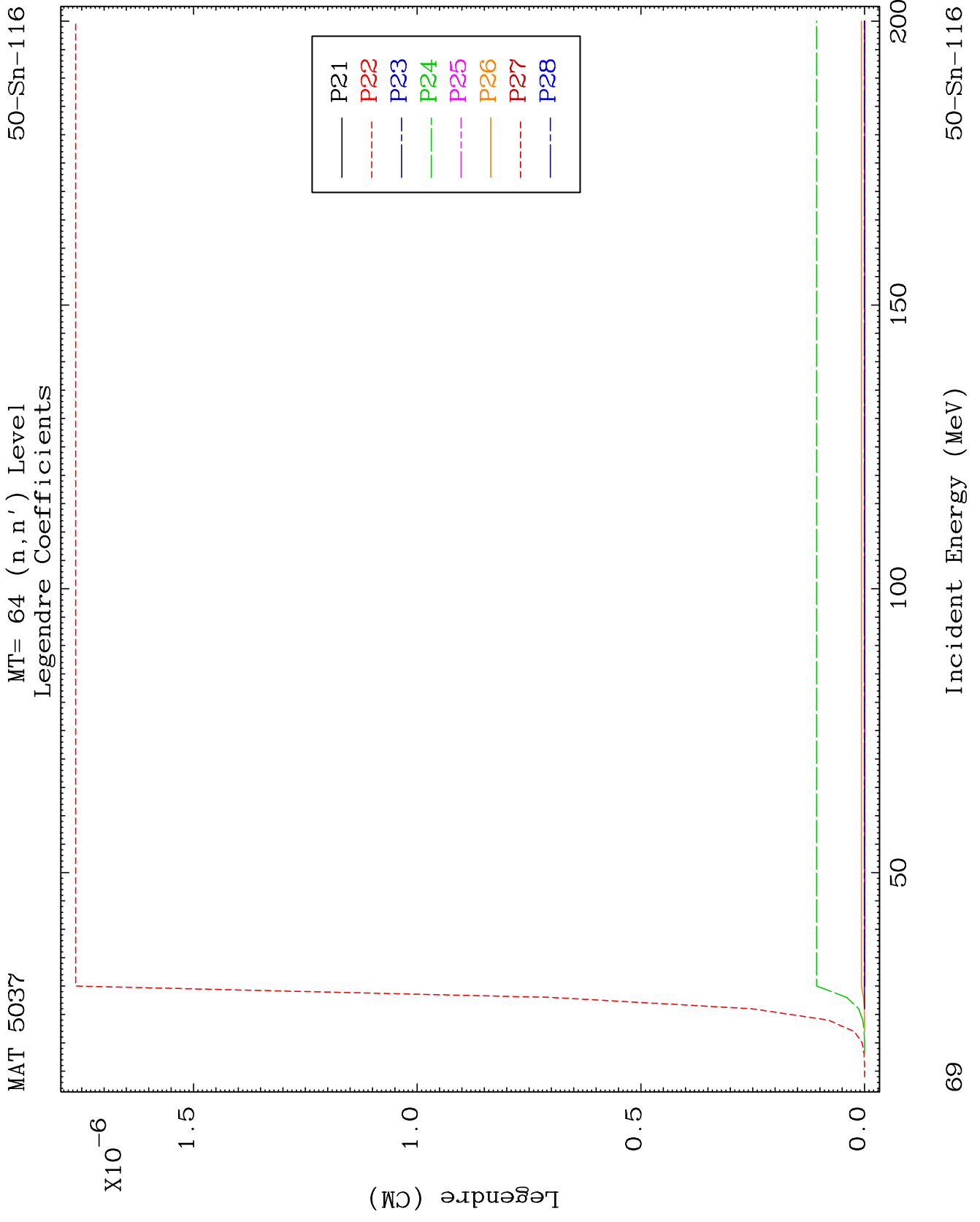
50-Sn-116



68

Incident Energy (MeV)

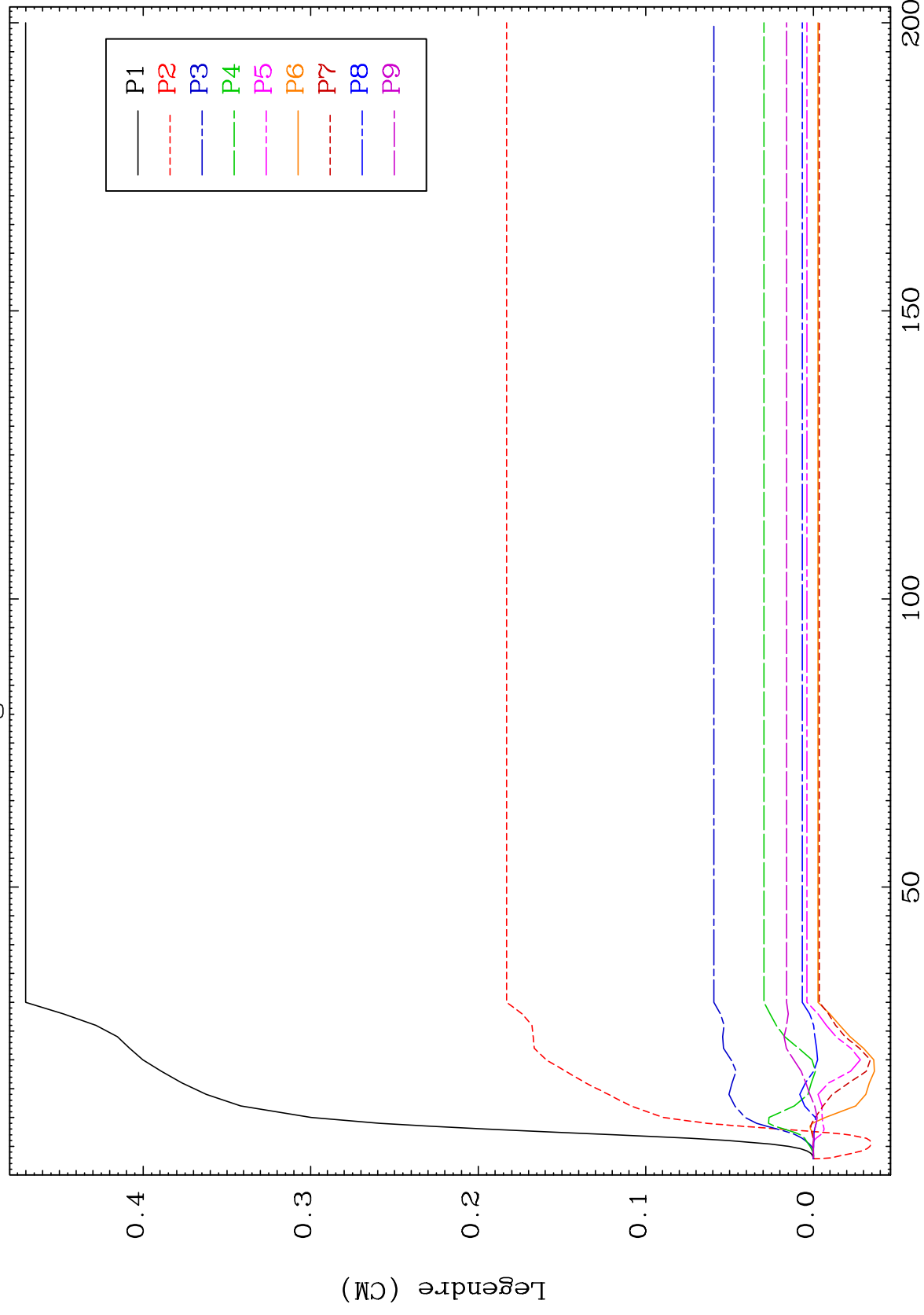
50-Sn-116



MAT 5037

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

50-Sn-116



50-Sn-116

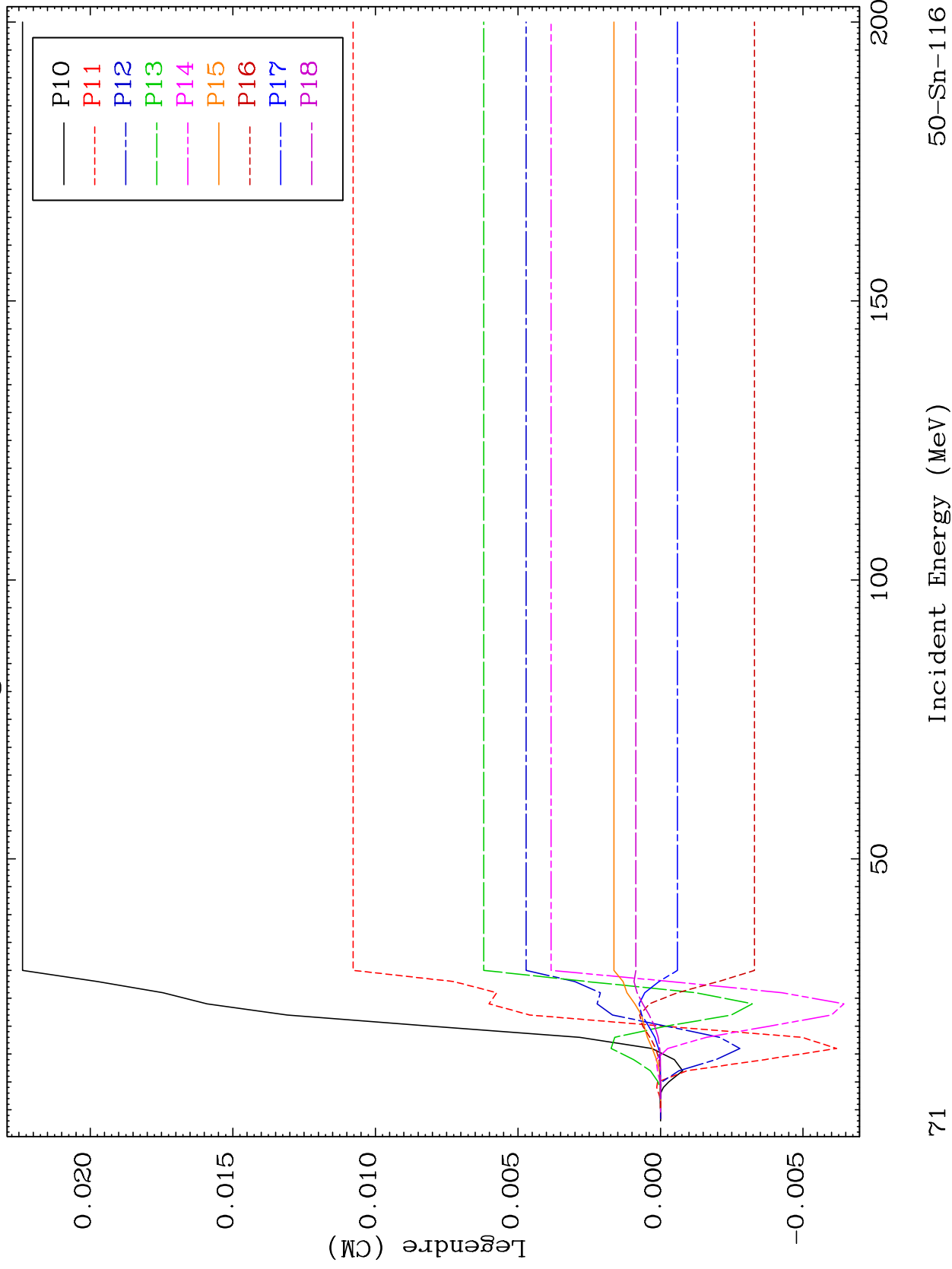
Incident Energy (MeV)

70

MAT 5037

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

50-Sn-116



71

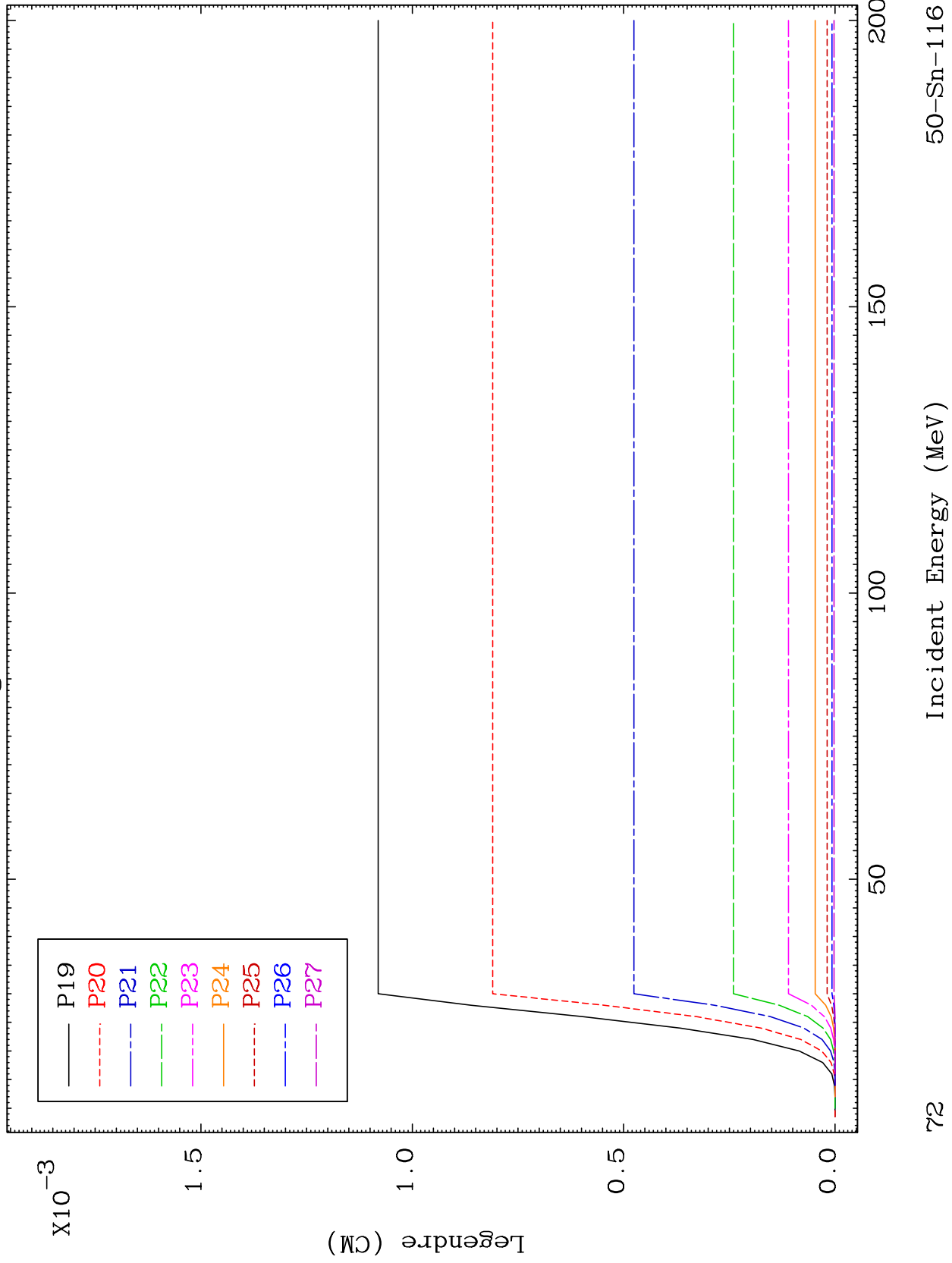
50-Sn-116



MAT 5037

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

50-Sn-116



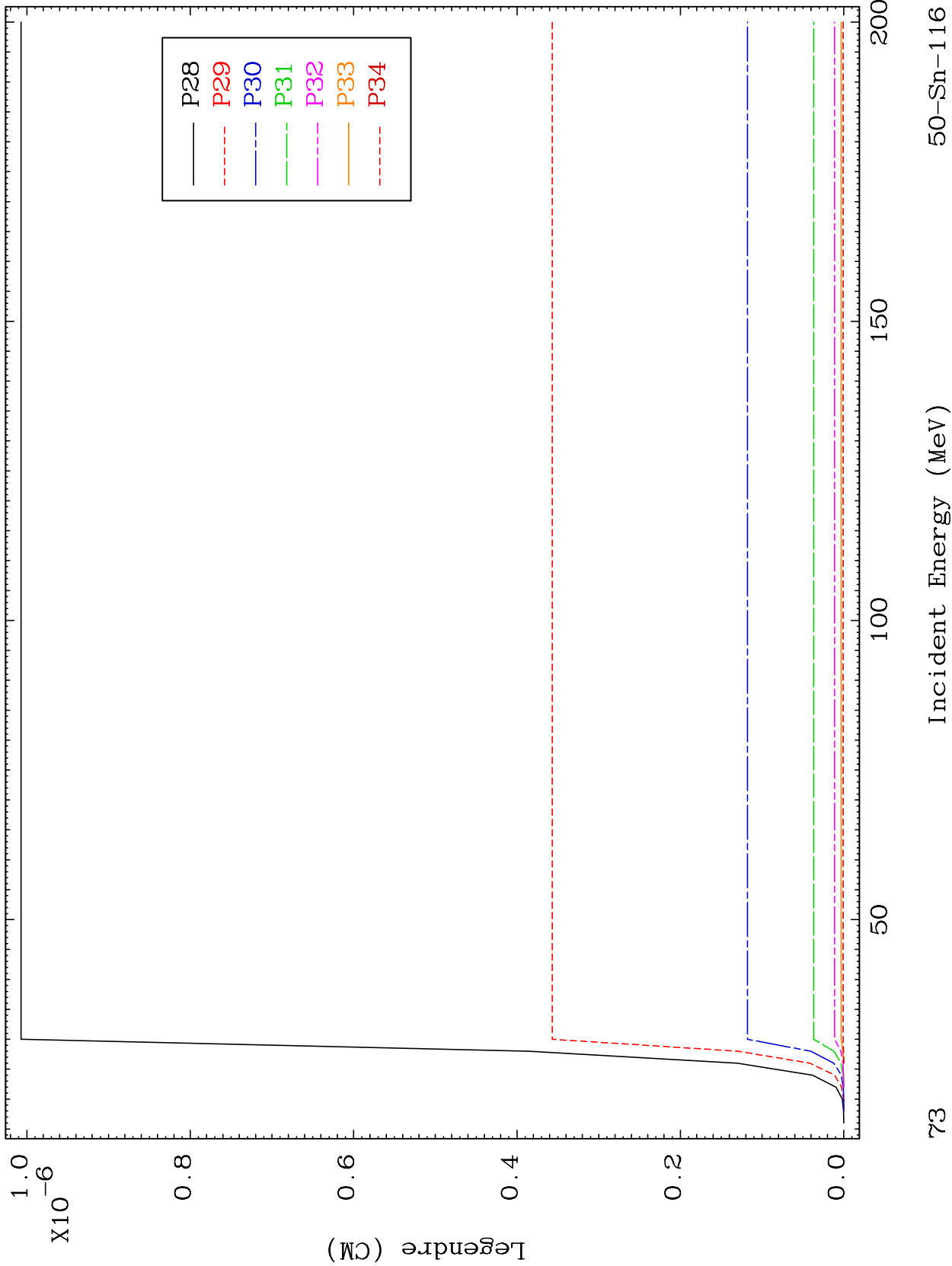
72

50-Sn-116

MAT 5037

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

50-Sn-116



73

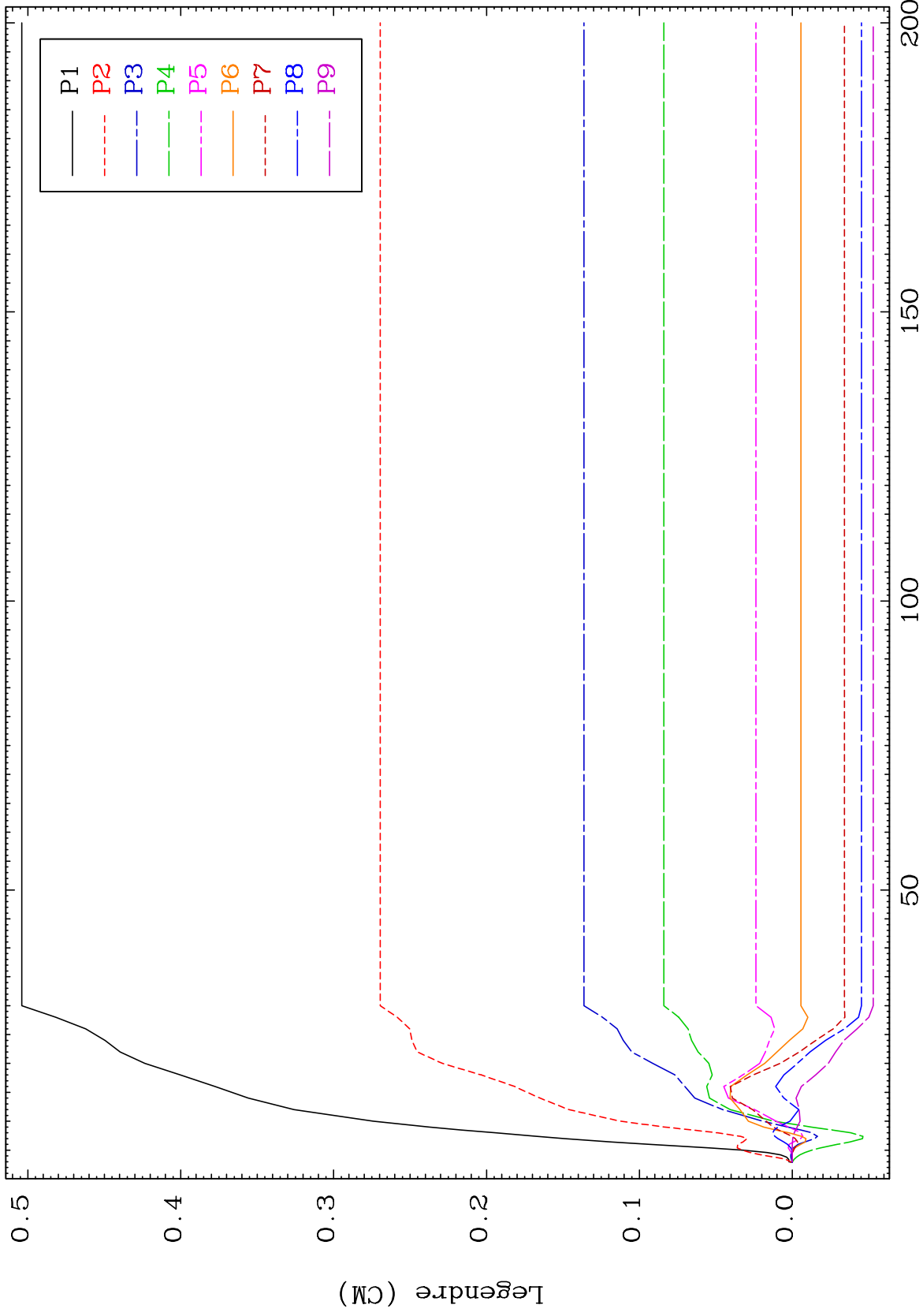
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

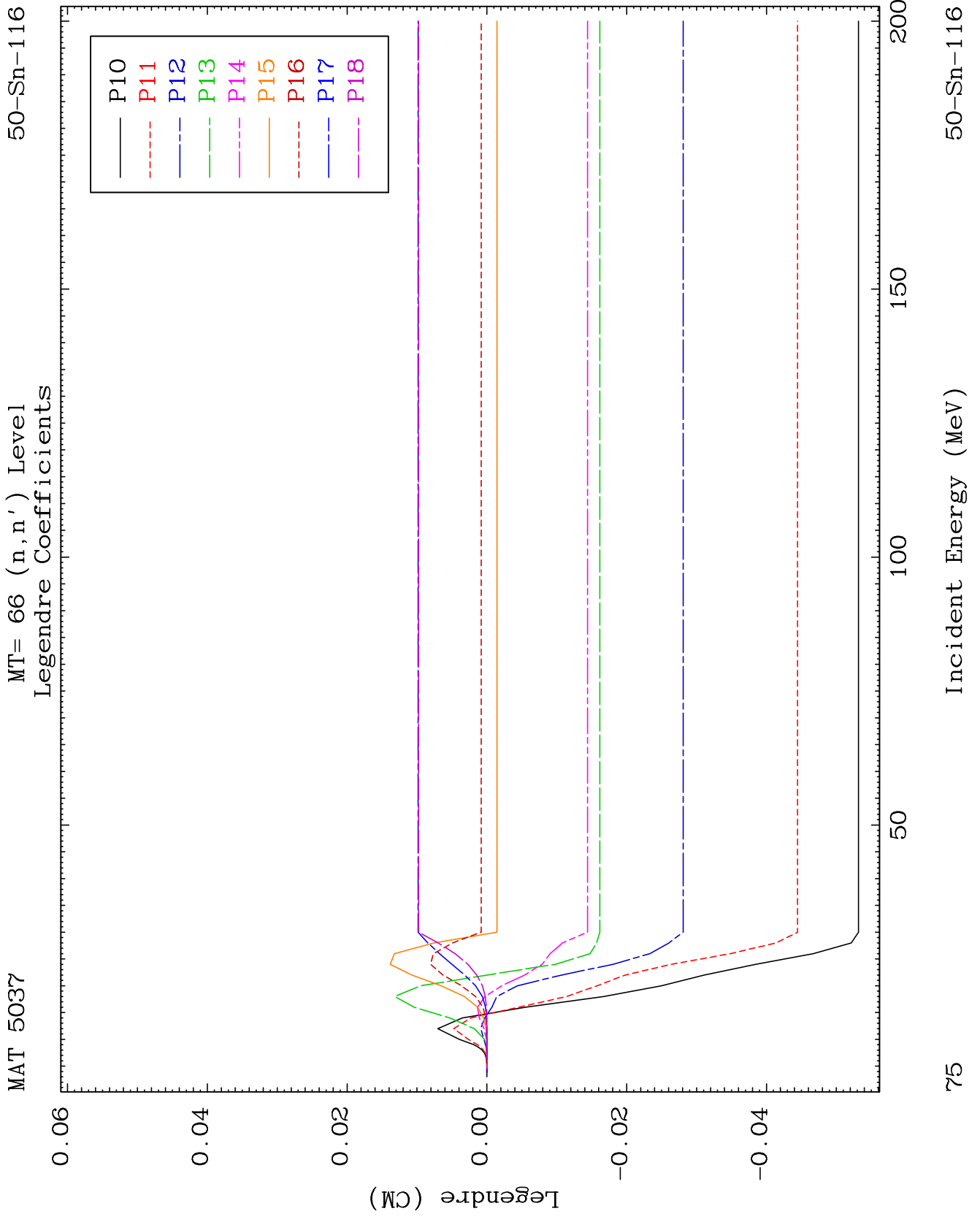
50-Sn-116



74

Incident Energy (MeV)

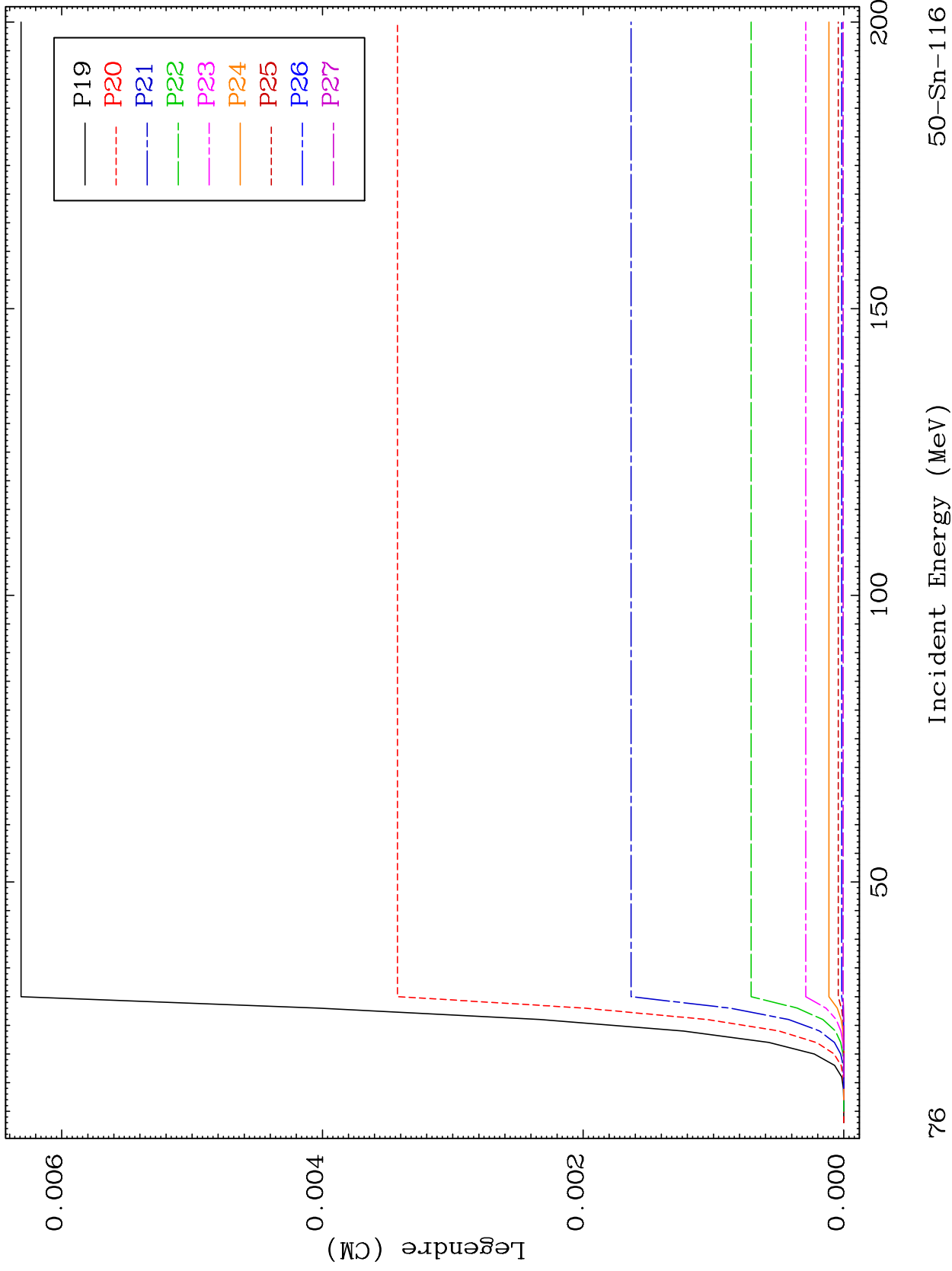
50-Sn-116



MAT 5037

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

50-Sn-116



76

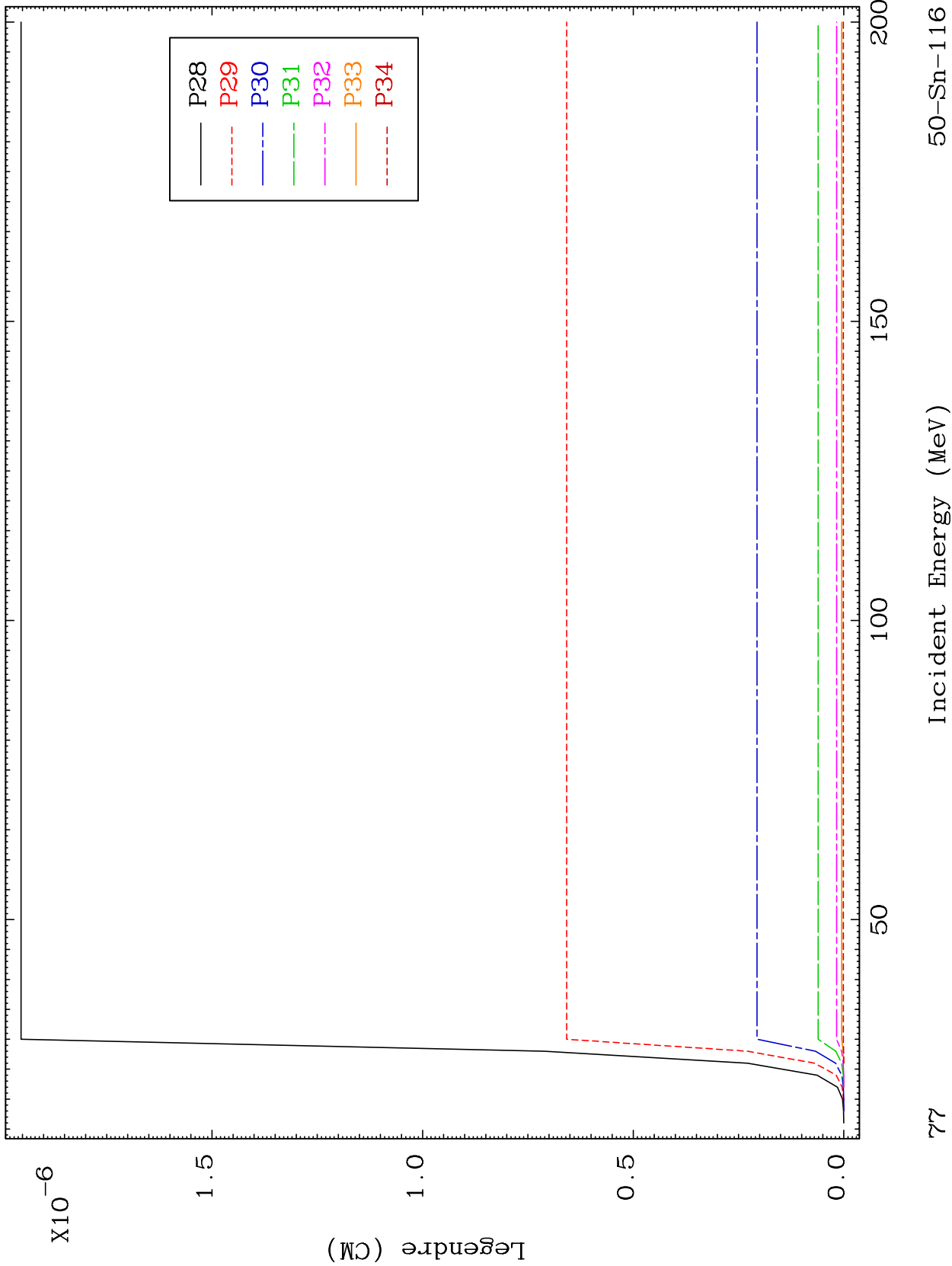
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

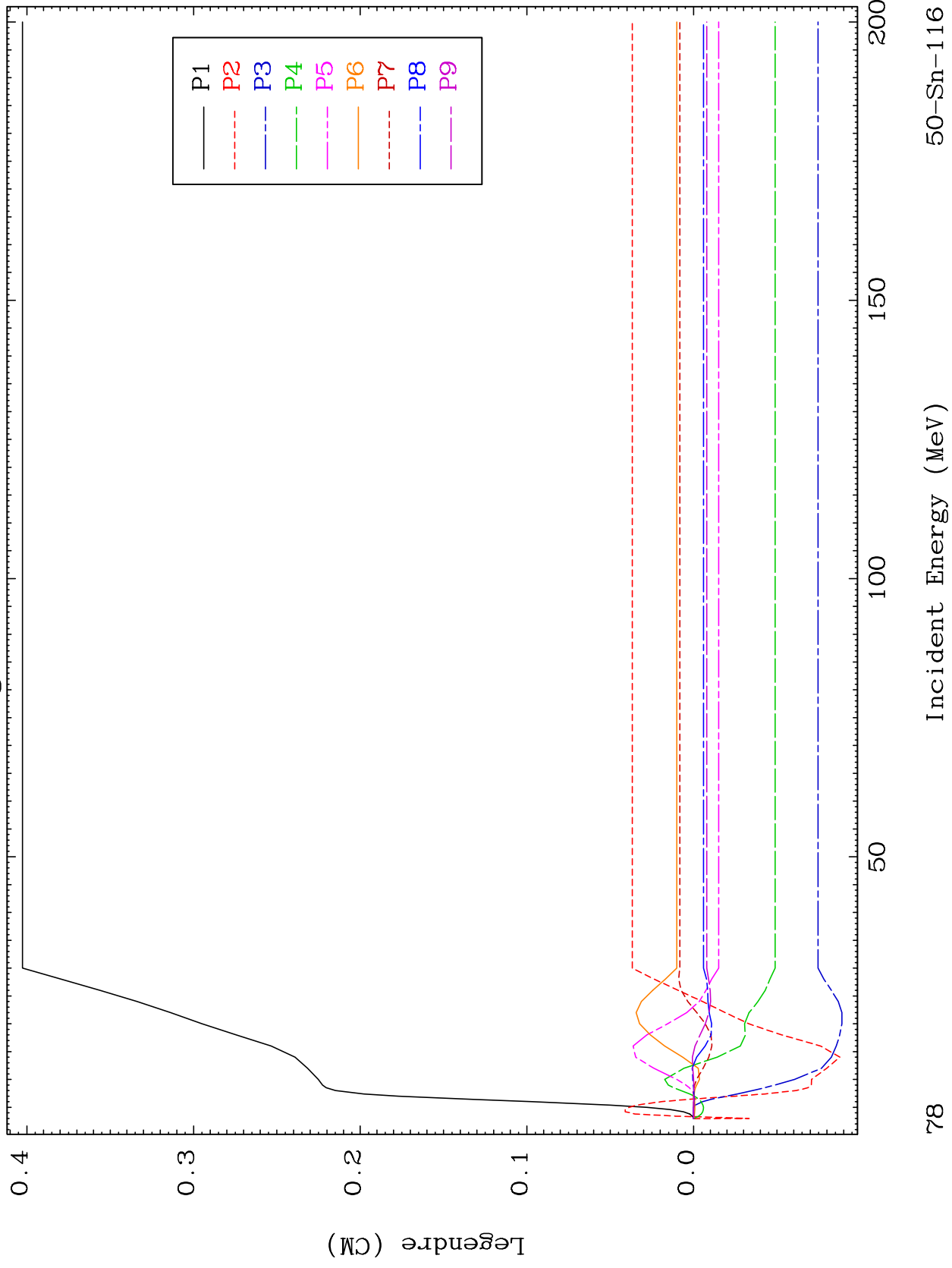
50-Sn-116



MAT 5037

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

50-Sn-116



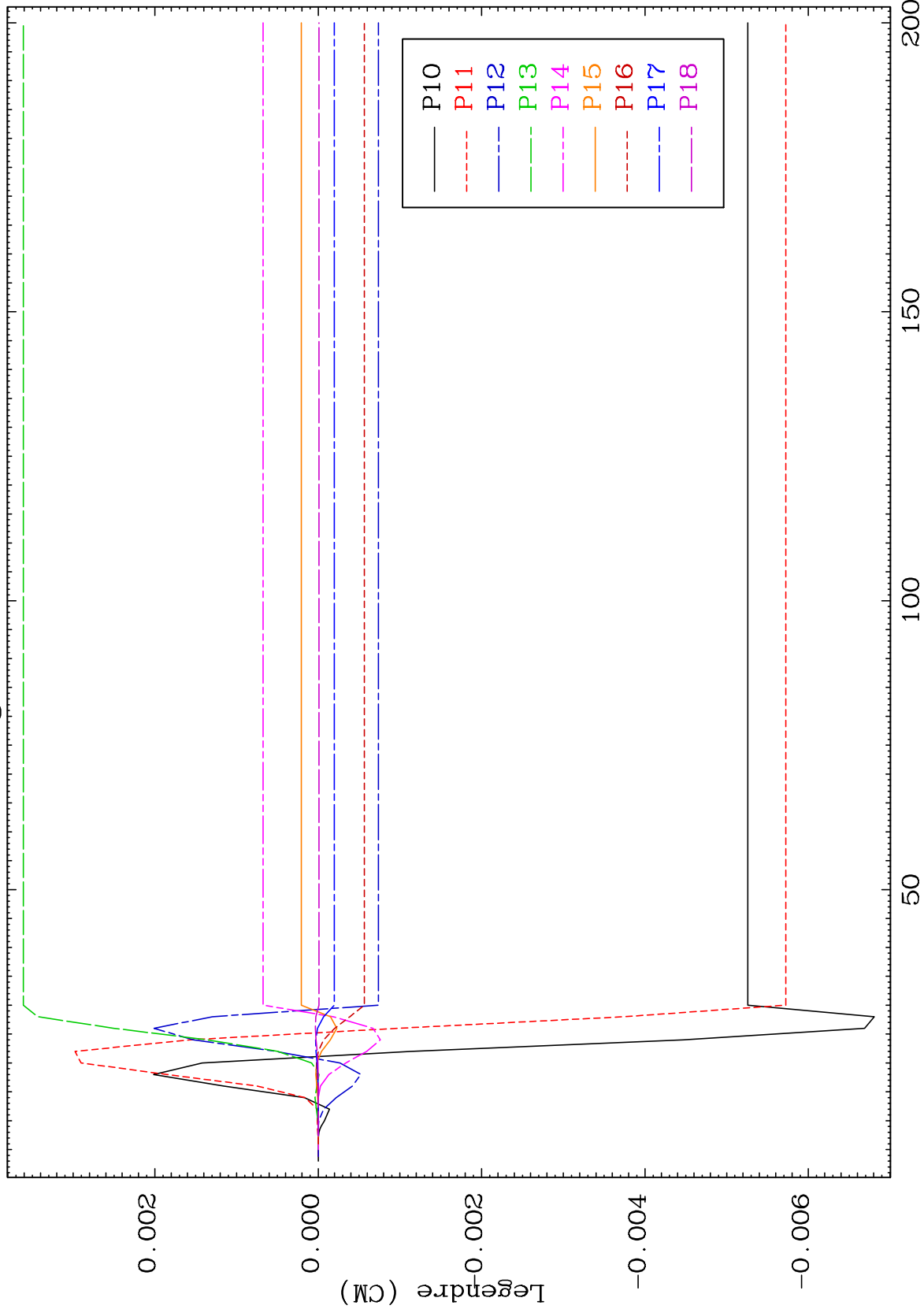
78

50-Sn-116

MAT 5037

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

50-Sn-116



79

Incident Energy (MeV)

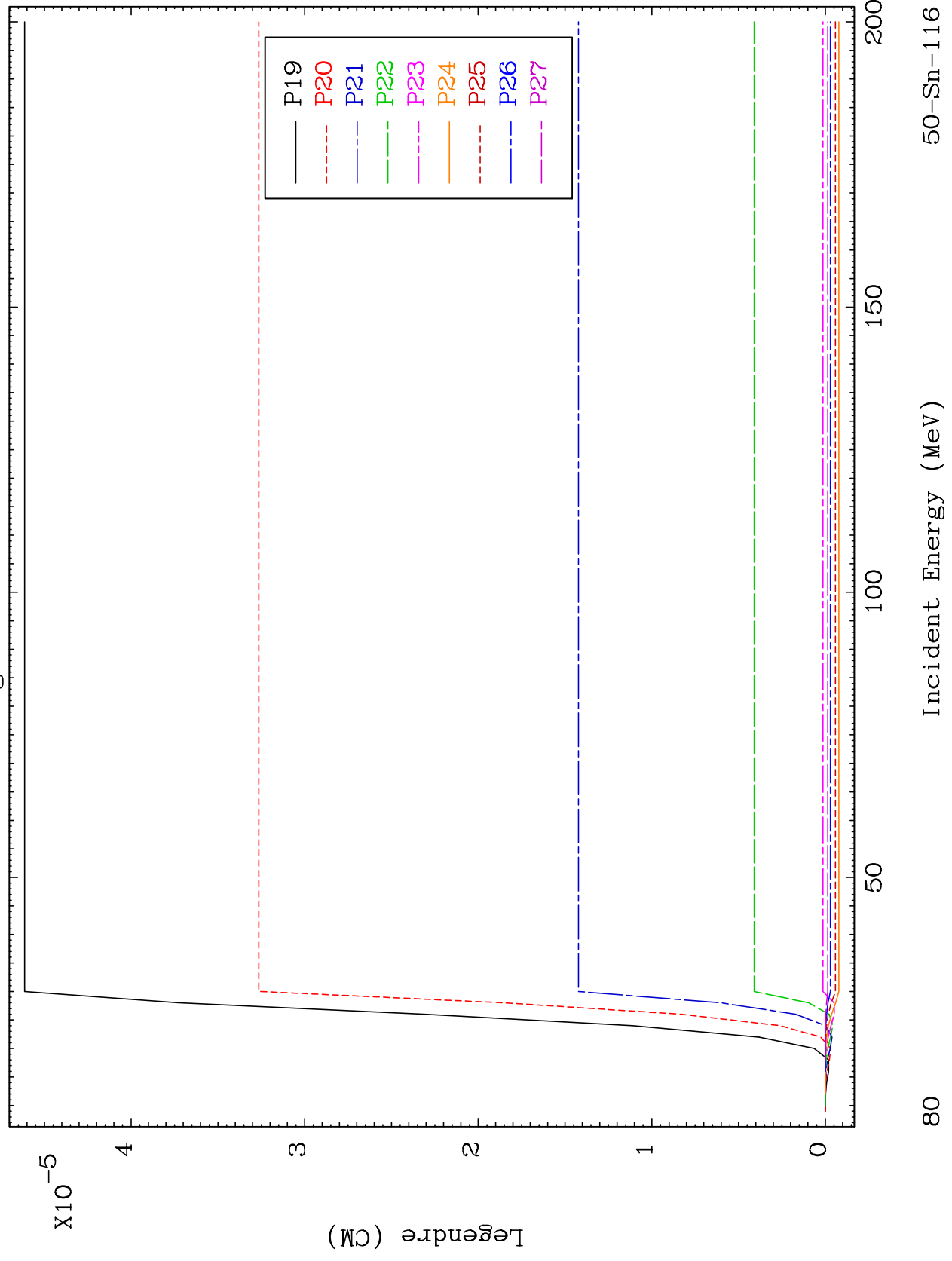
50-Sn-116



MAT 5037

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

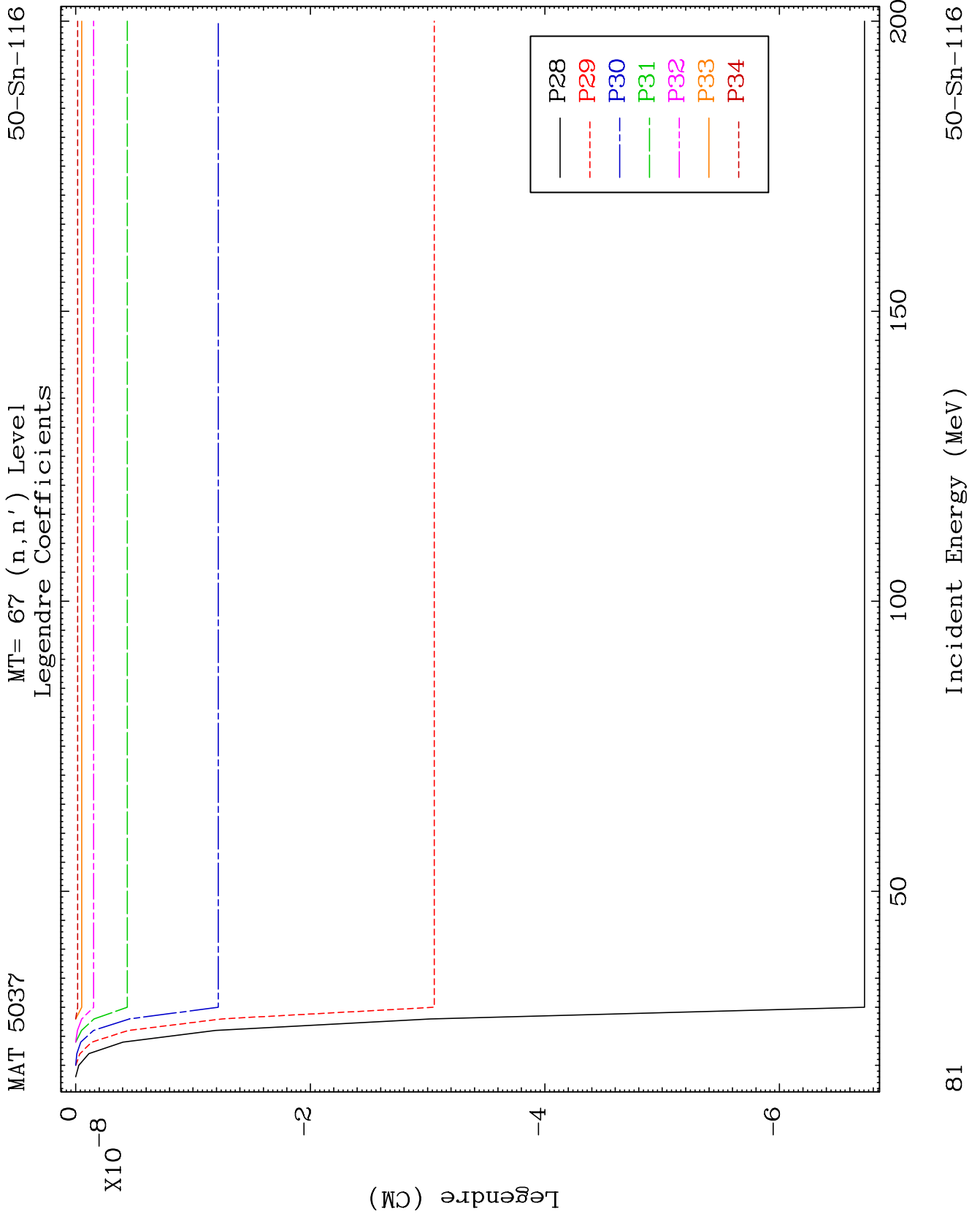
50-Sn-116



80

Incident Energy (MeV)

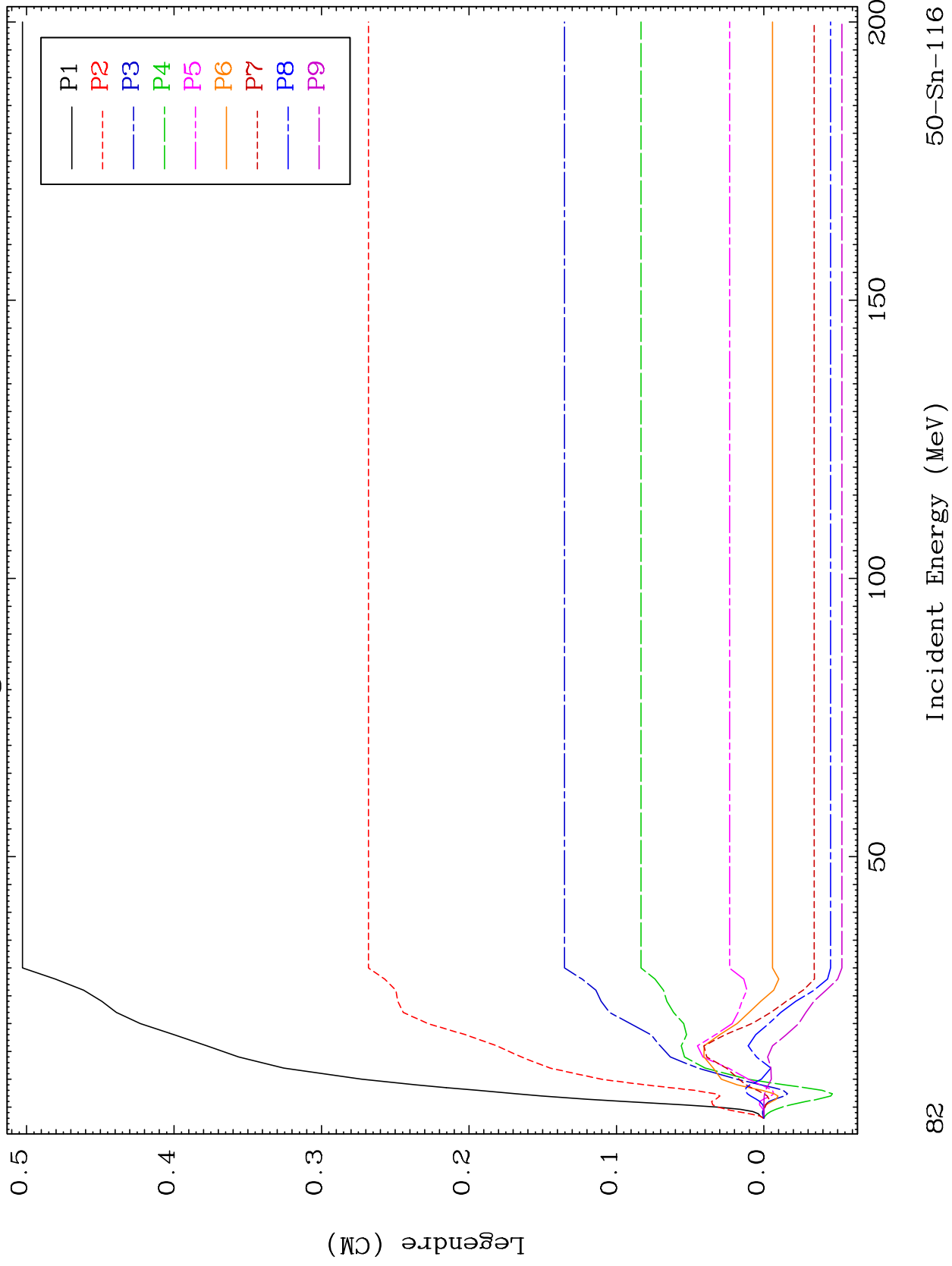
50-Sn-116



MAT 5037

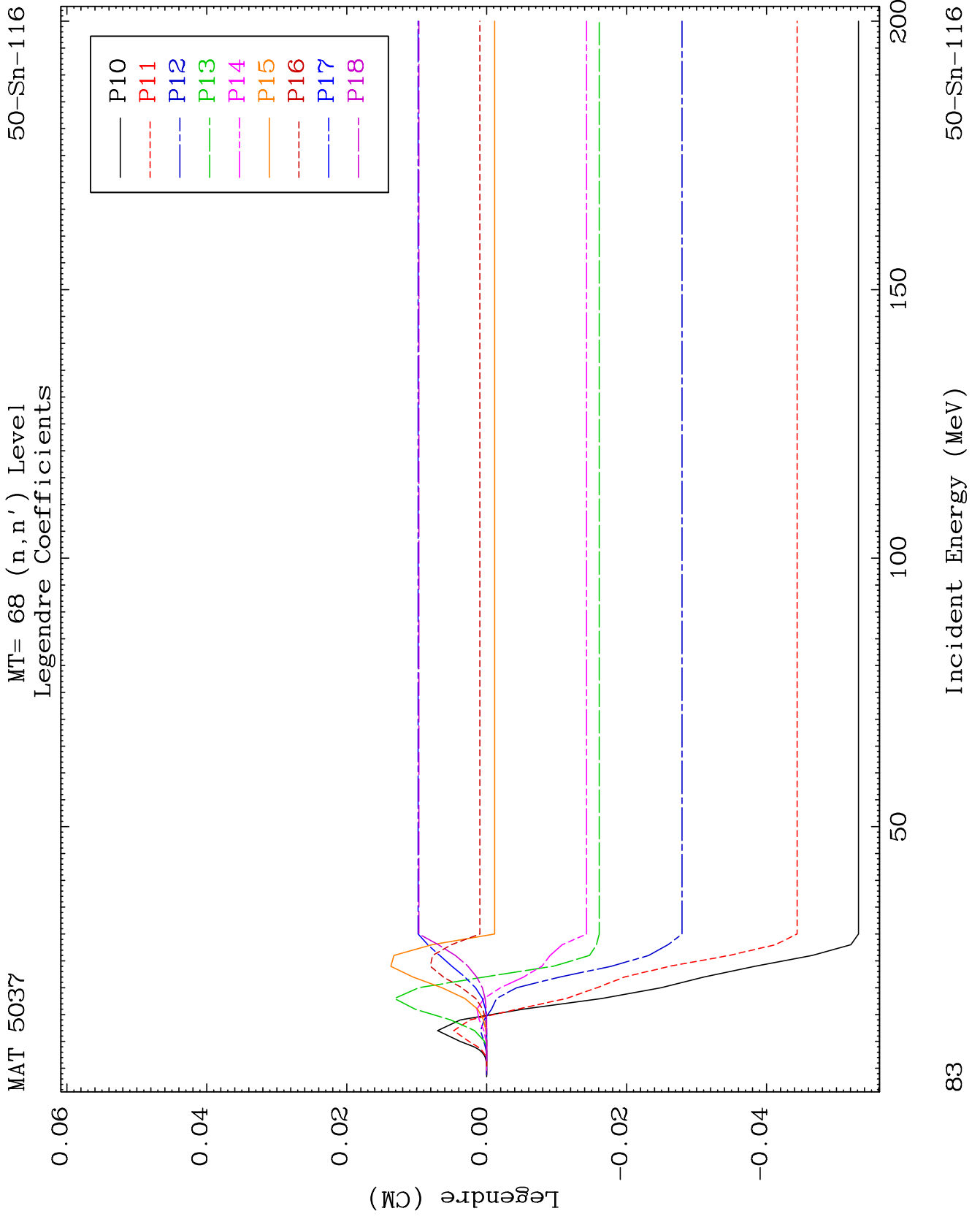
MT= 68 (n,n') Level  
Legendre Coefficients

50-Sn-116



82

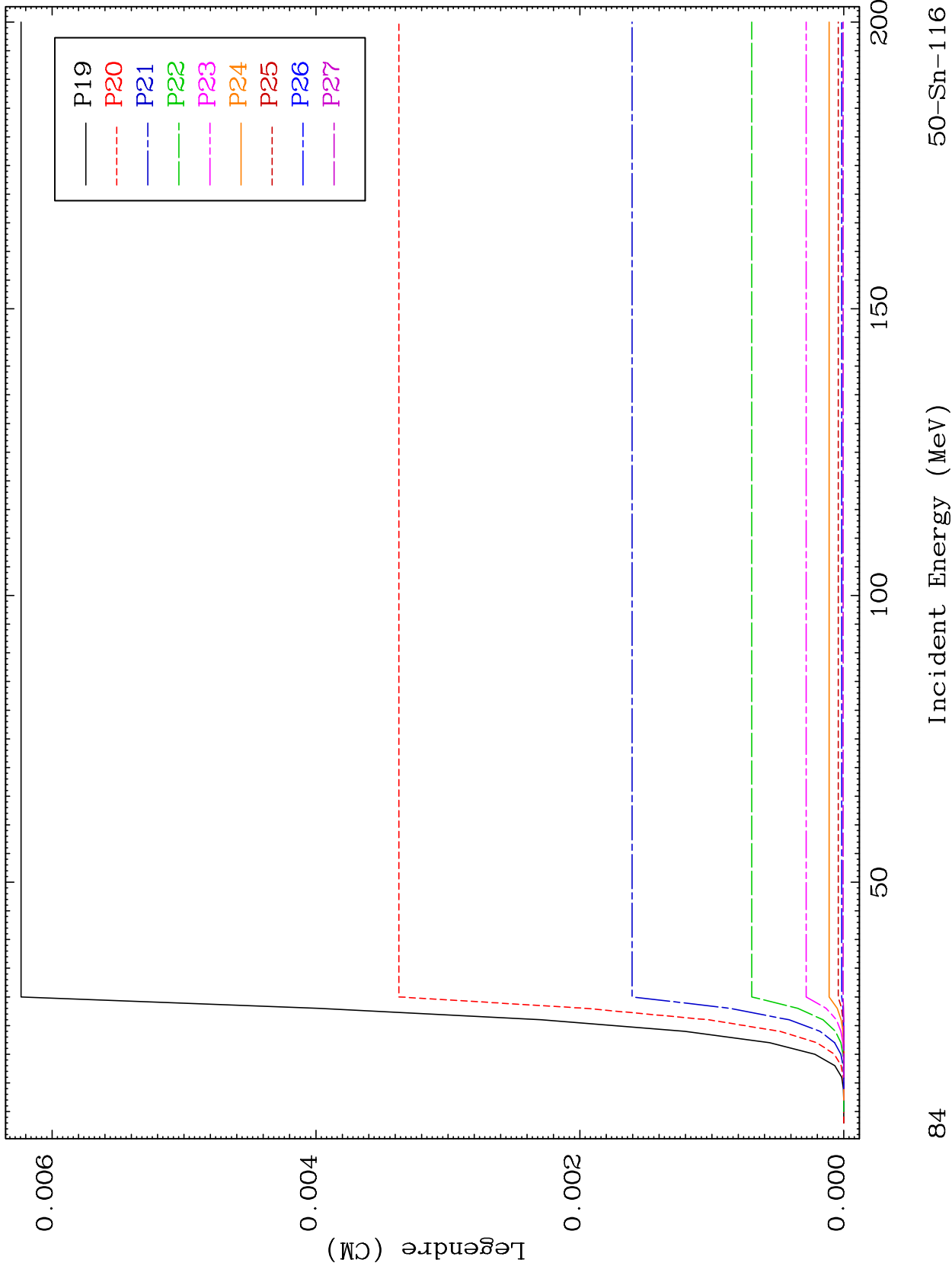
50-Sn-116



MAT 5037

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

50-Sn-116



84

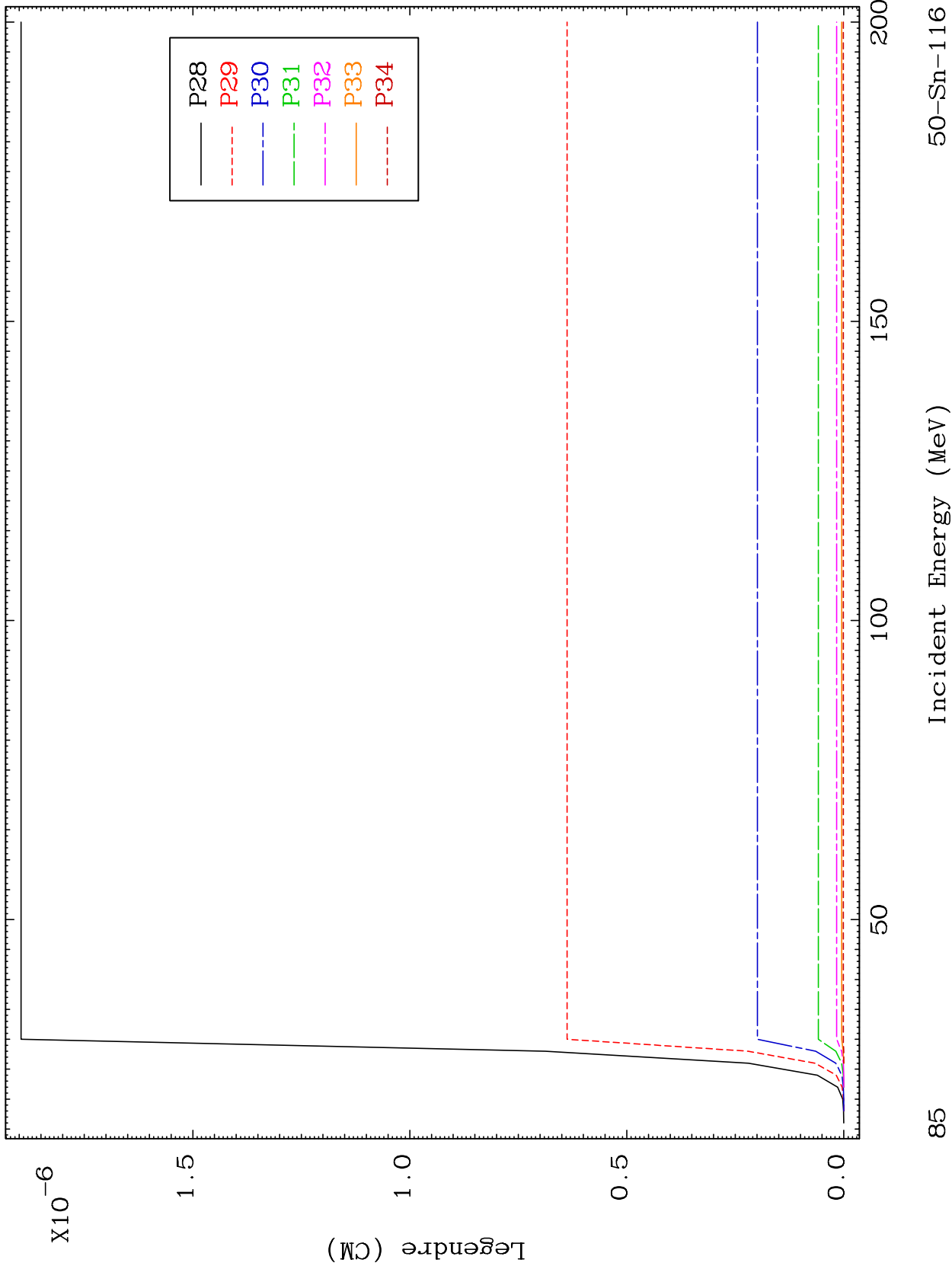
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



85

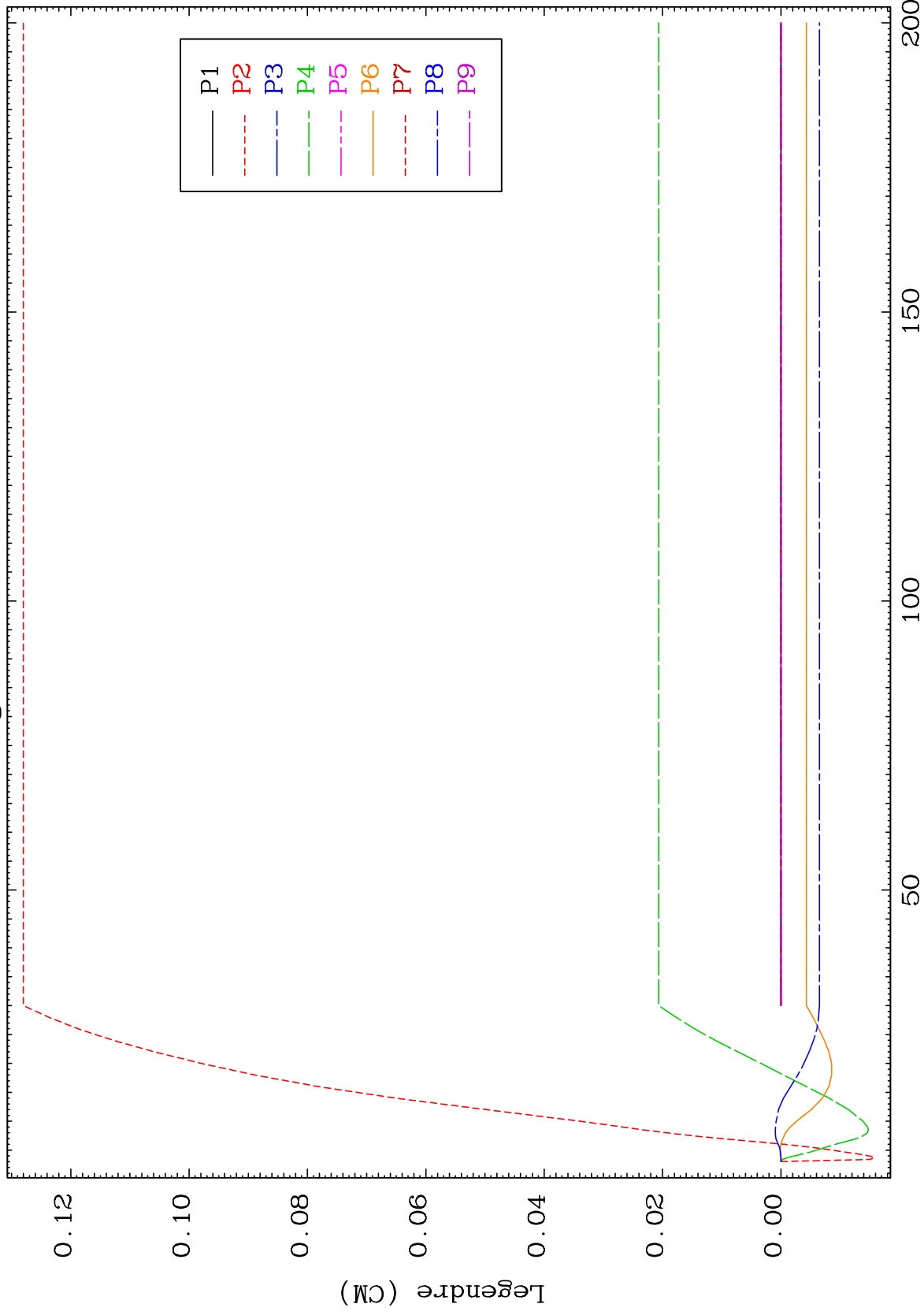
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



86

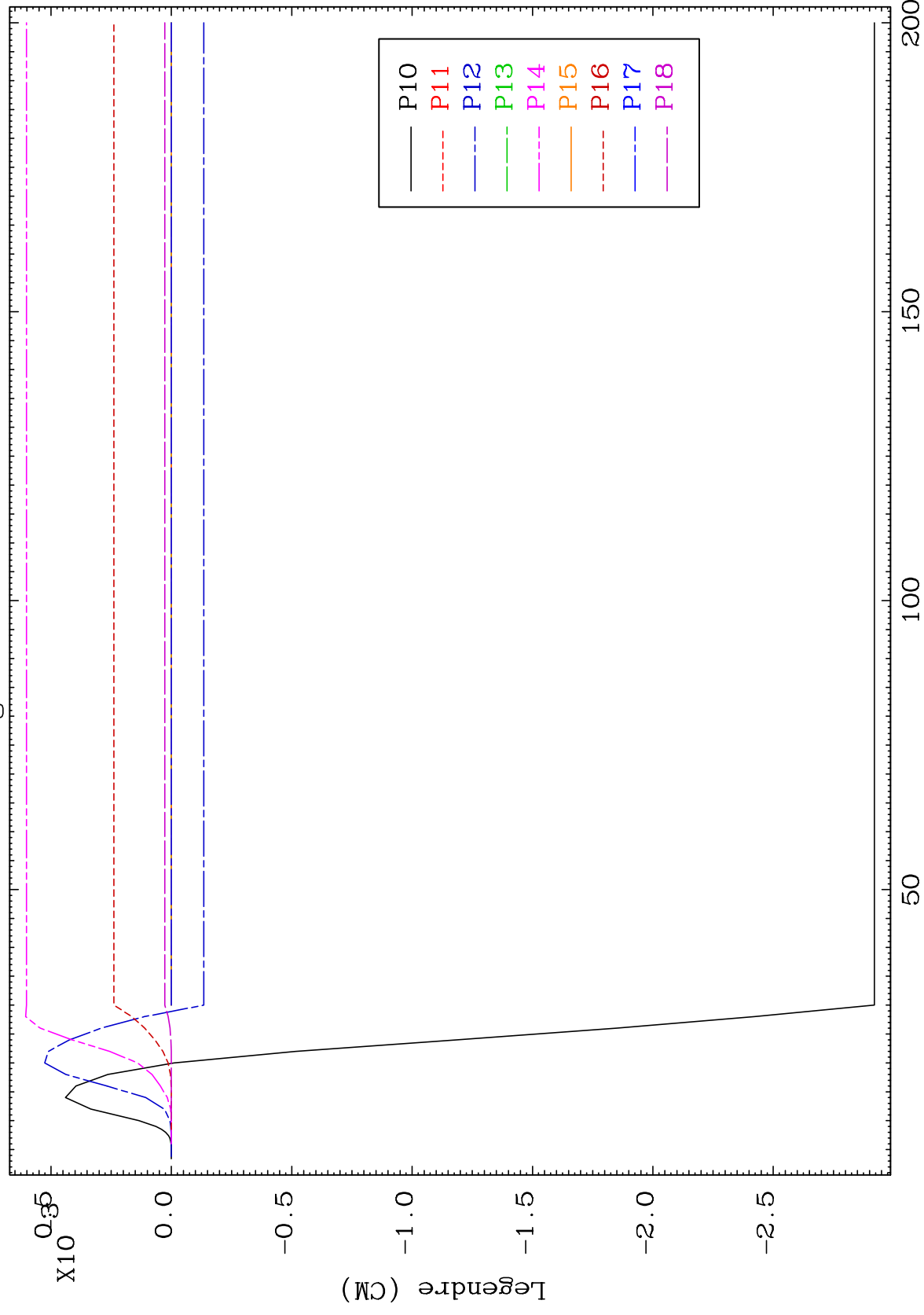
Incident Energy (MeV)

50-Sn-116

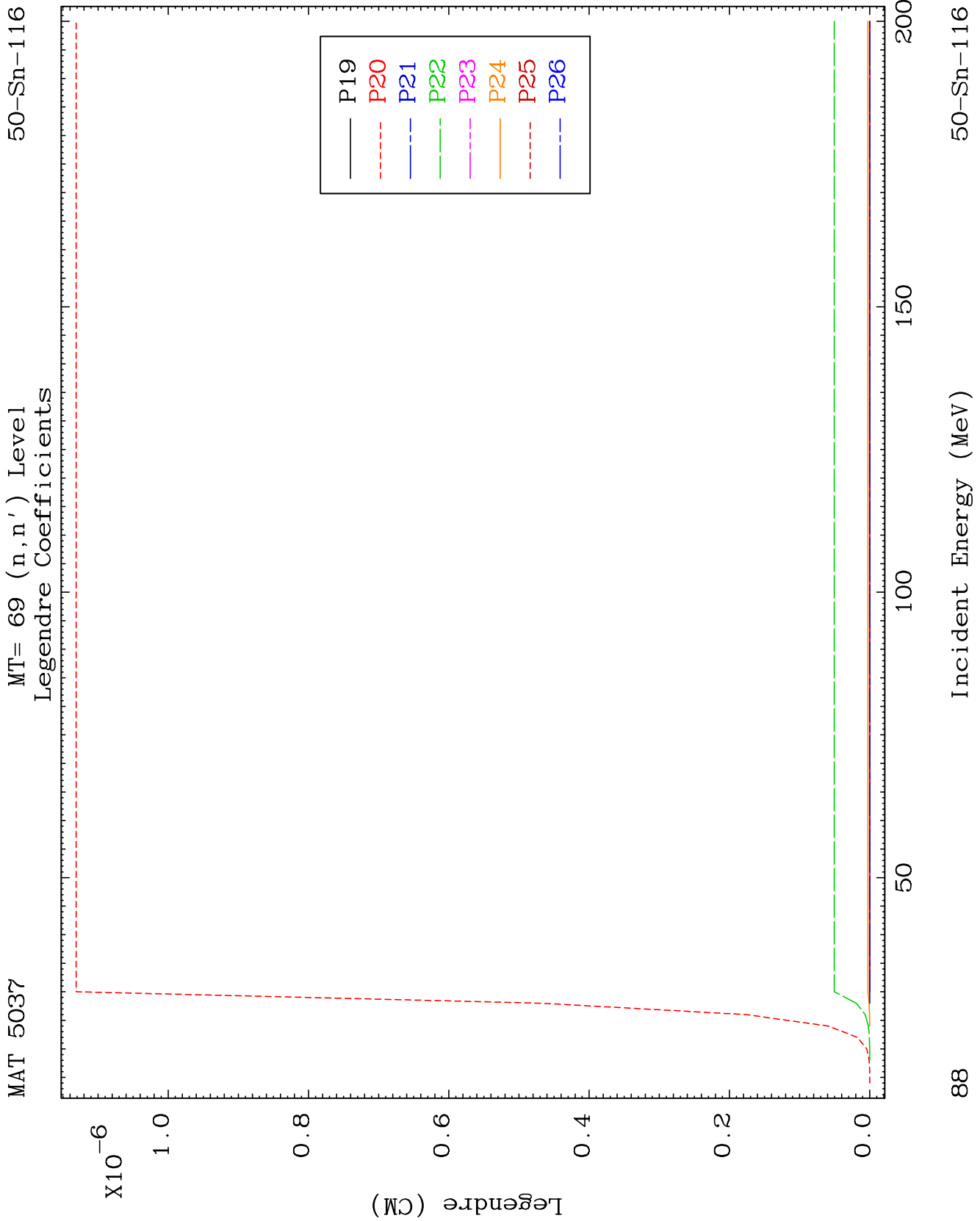
MAT 5037

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

50-Sn-116



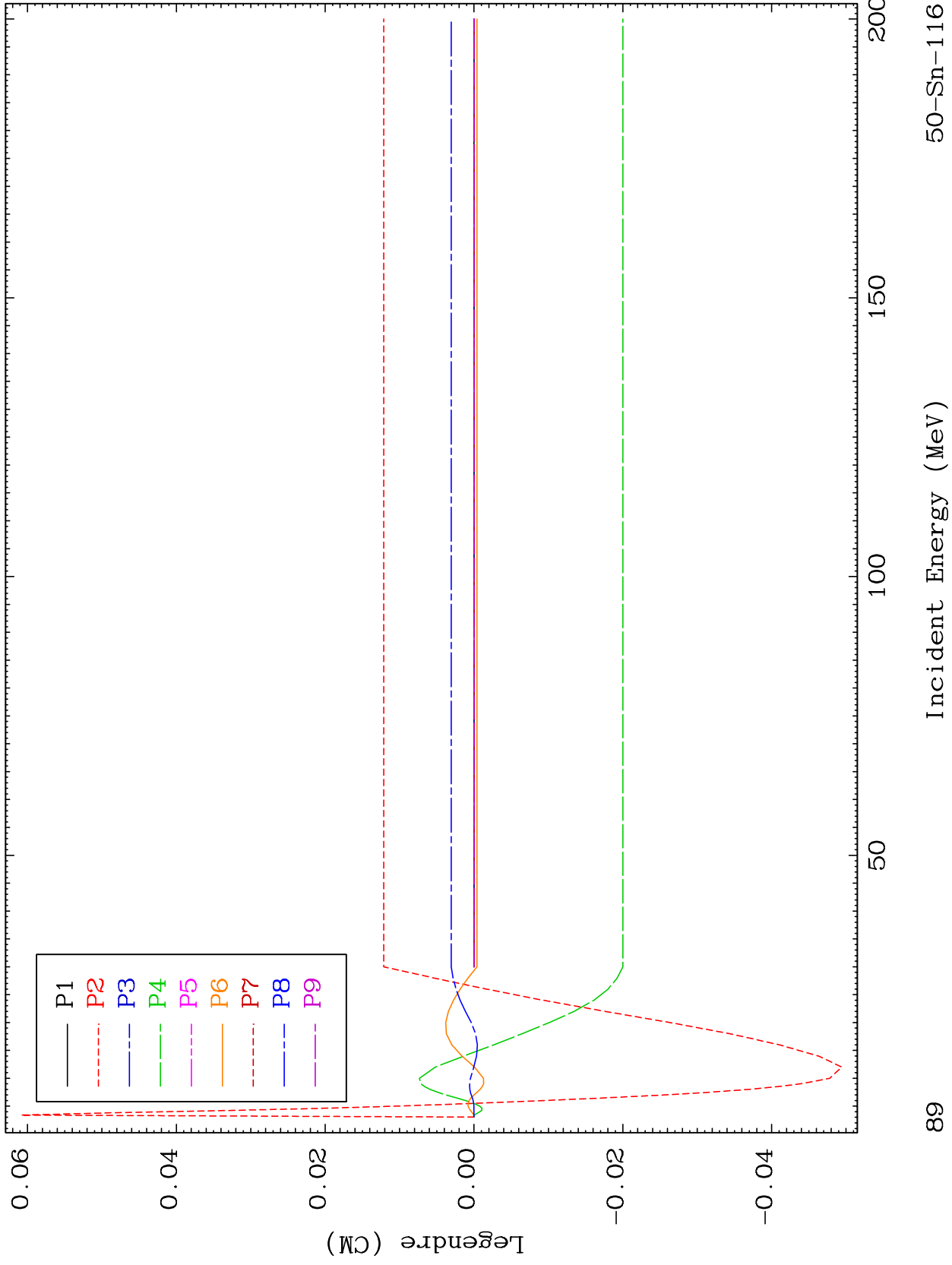




MAT 5037

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

50-Sn-116



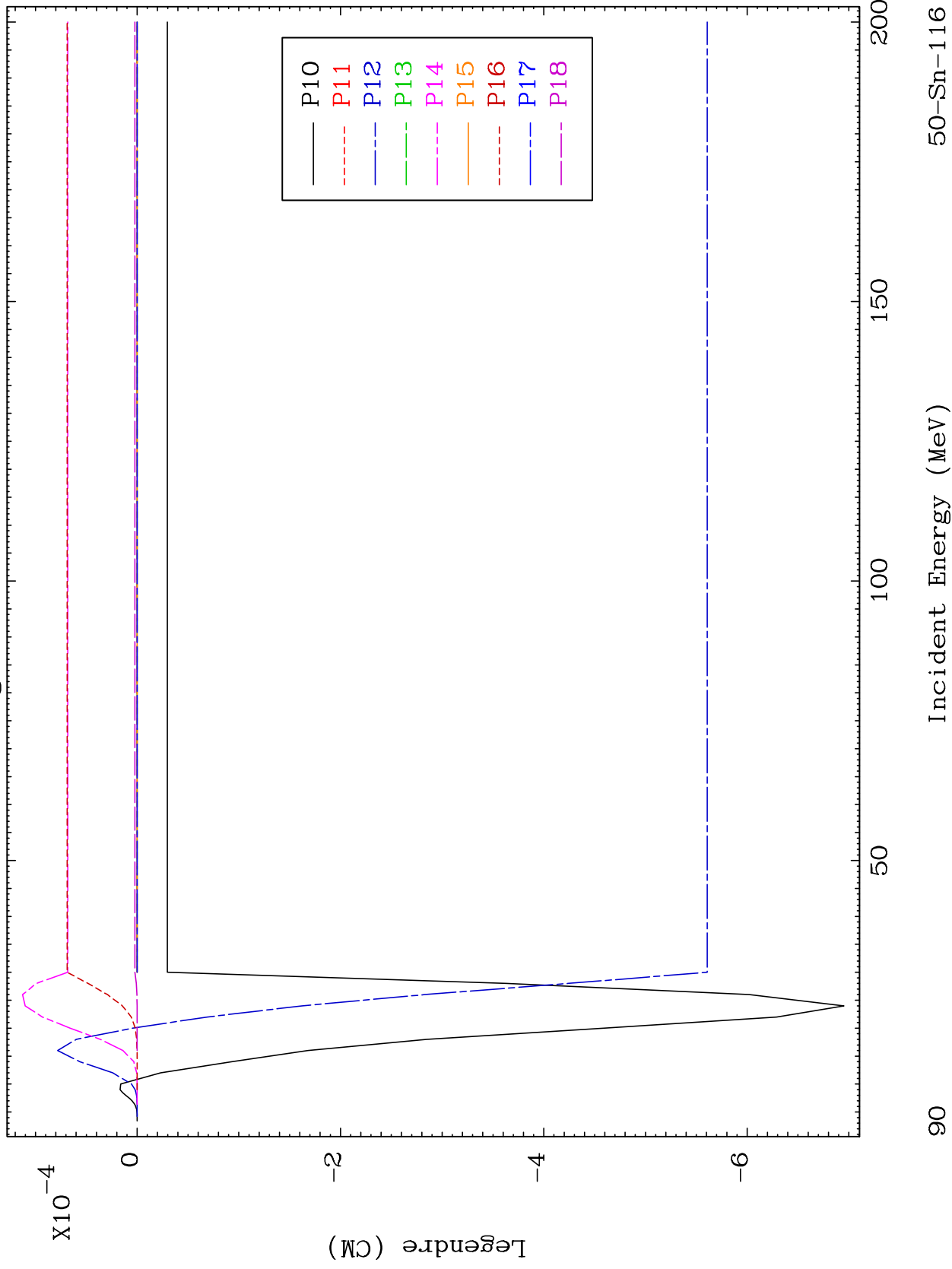
89

50-Sn-116

MAT 5037

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

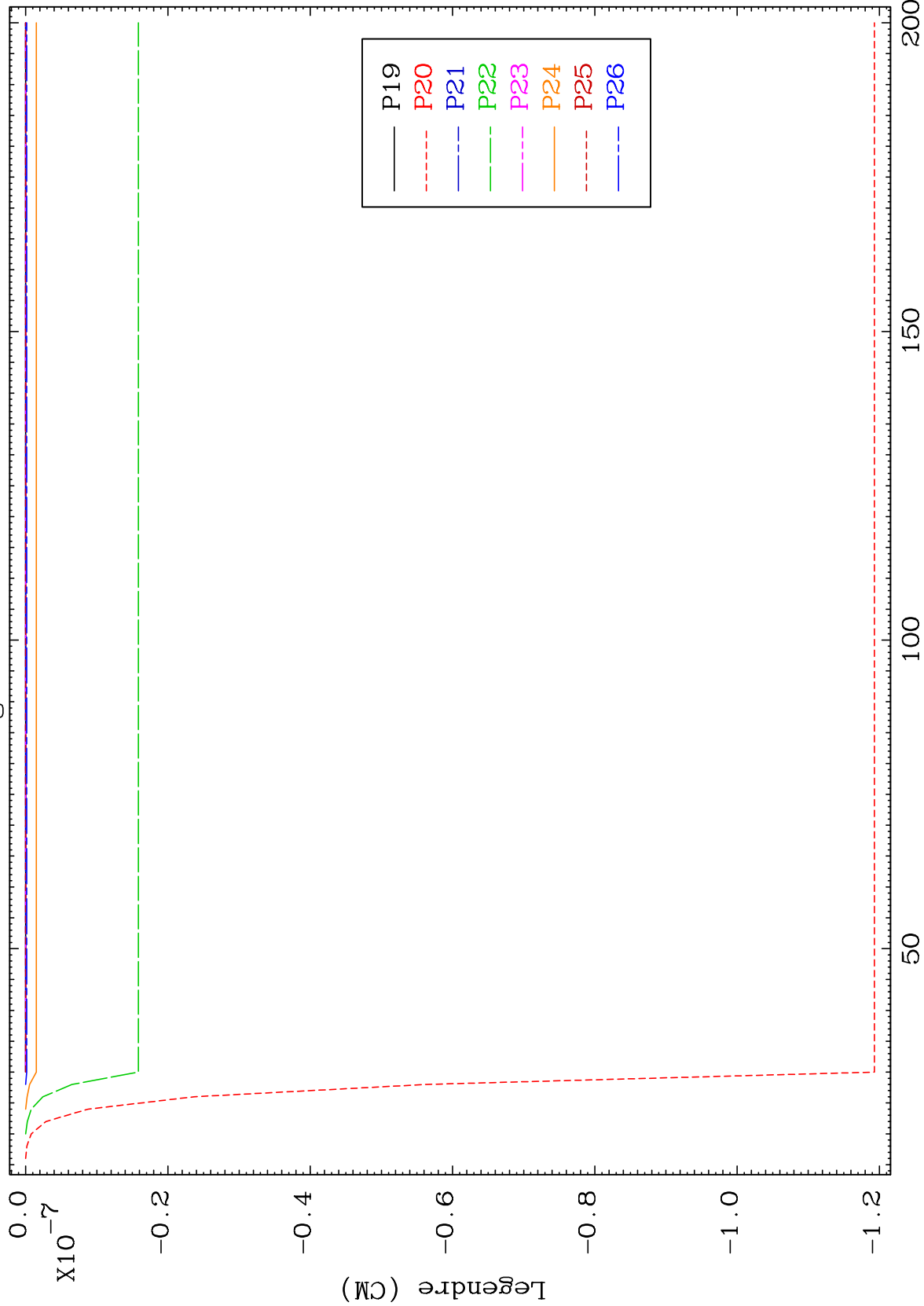
50-Sn-116



MAT 5037

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

50-Sn-116



50-Sn-116

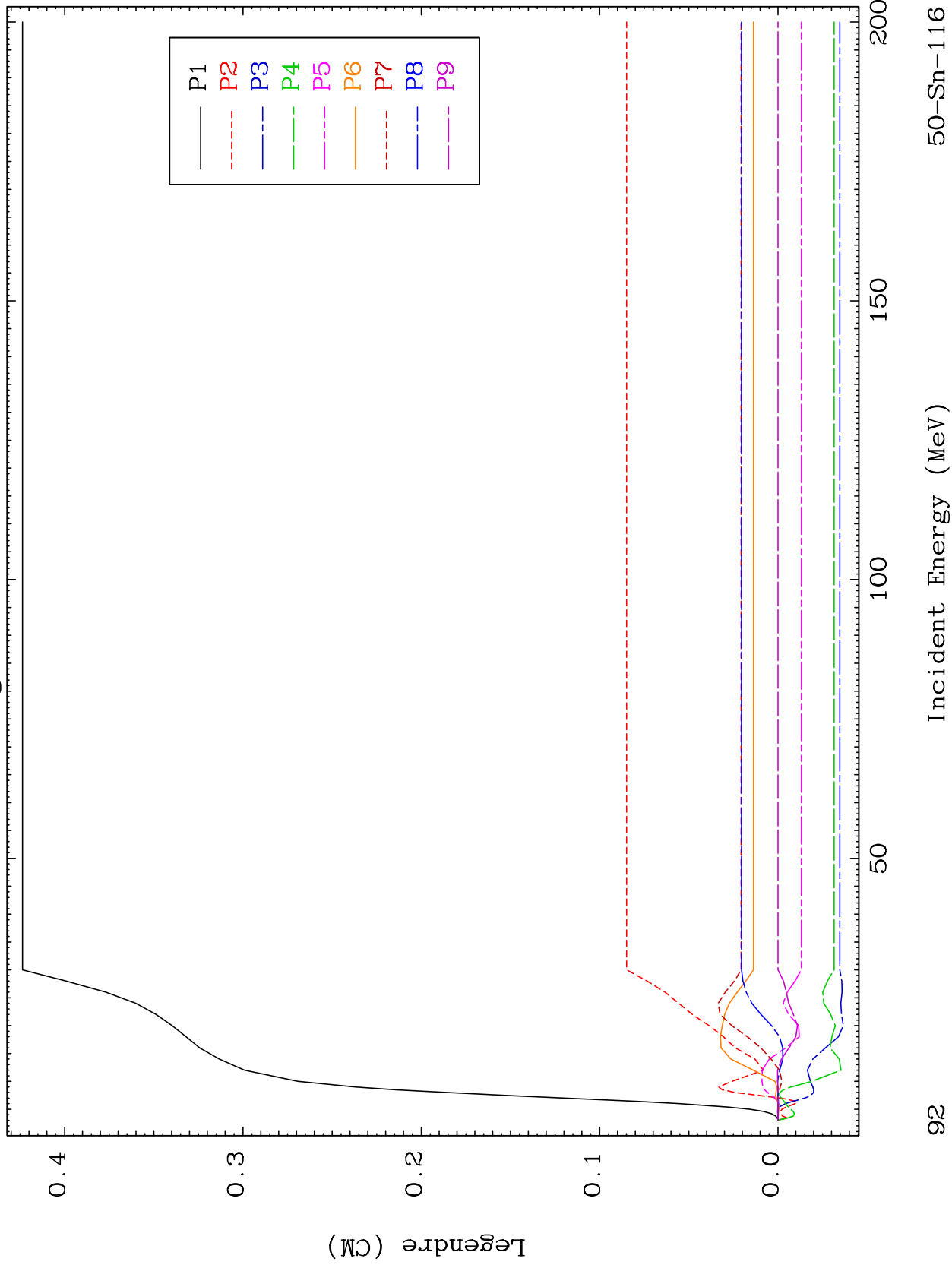
Incident Energy (MeV)

91

MAT 5037

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

50-Sn-116

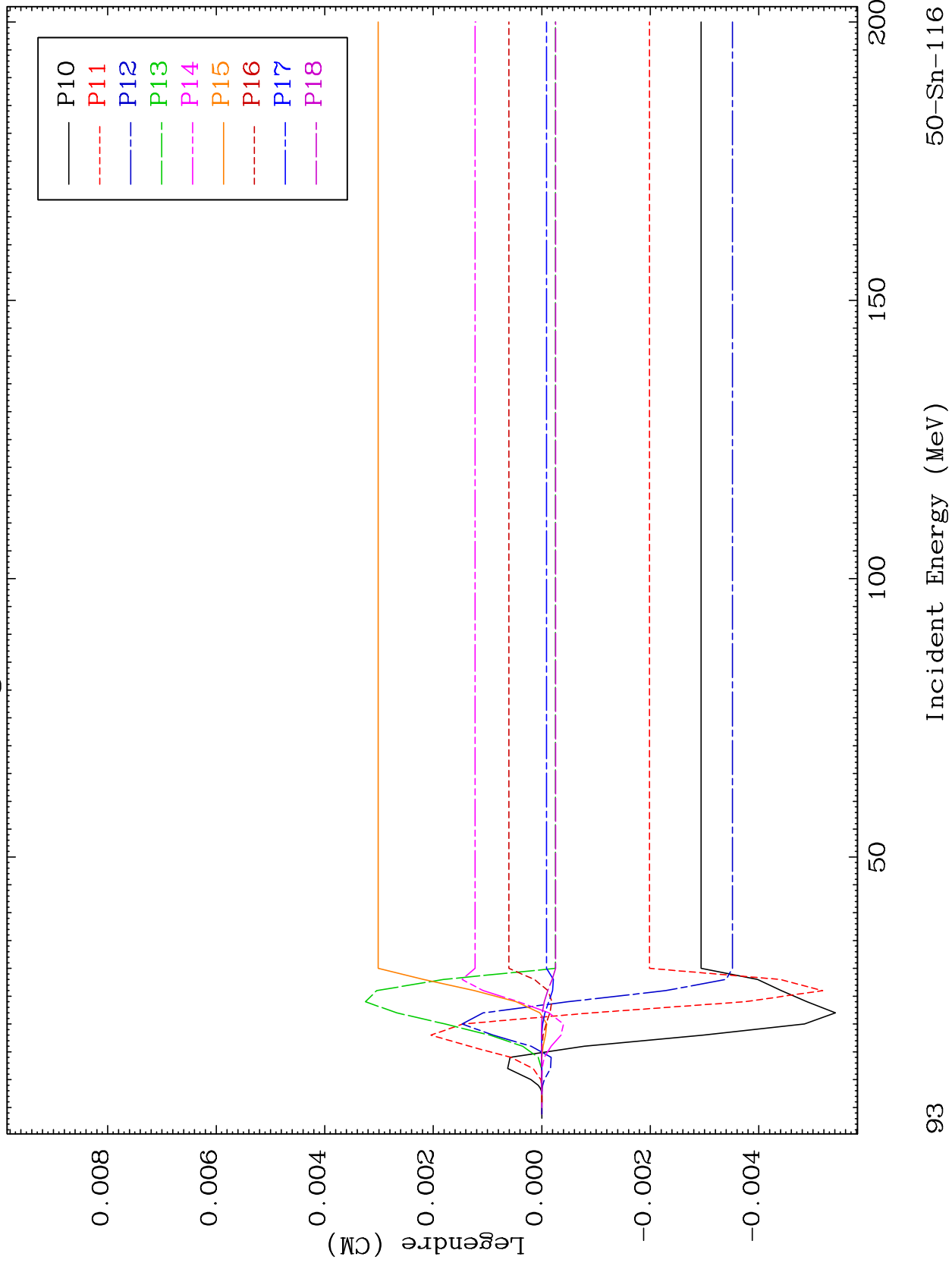


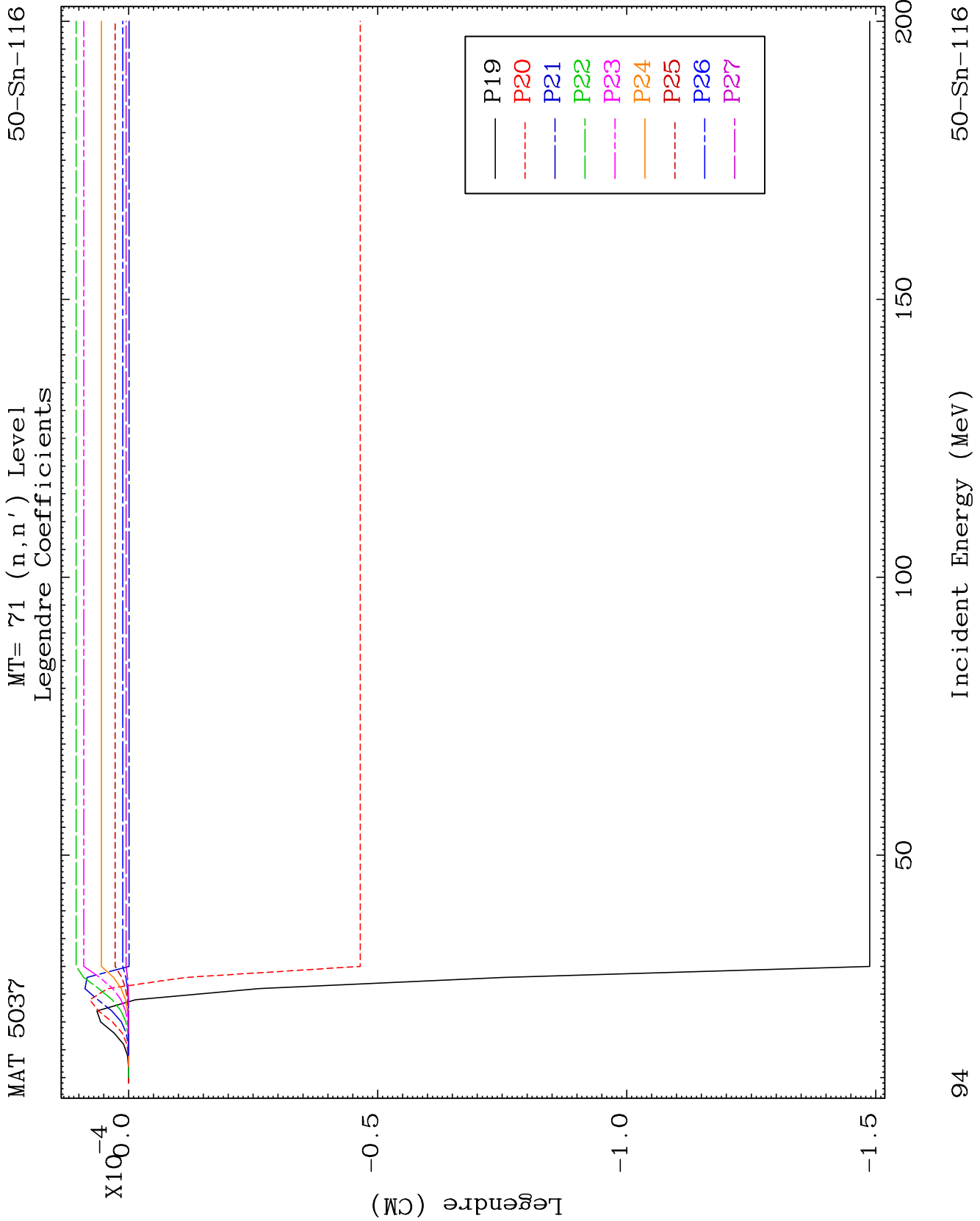
92

MAT 5037

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

50-Sn-116

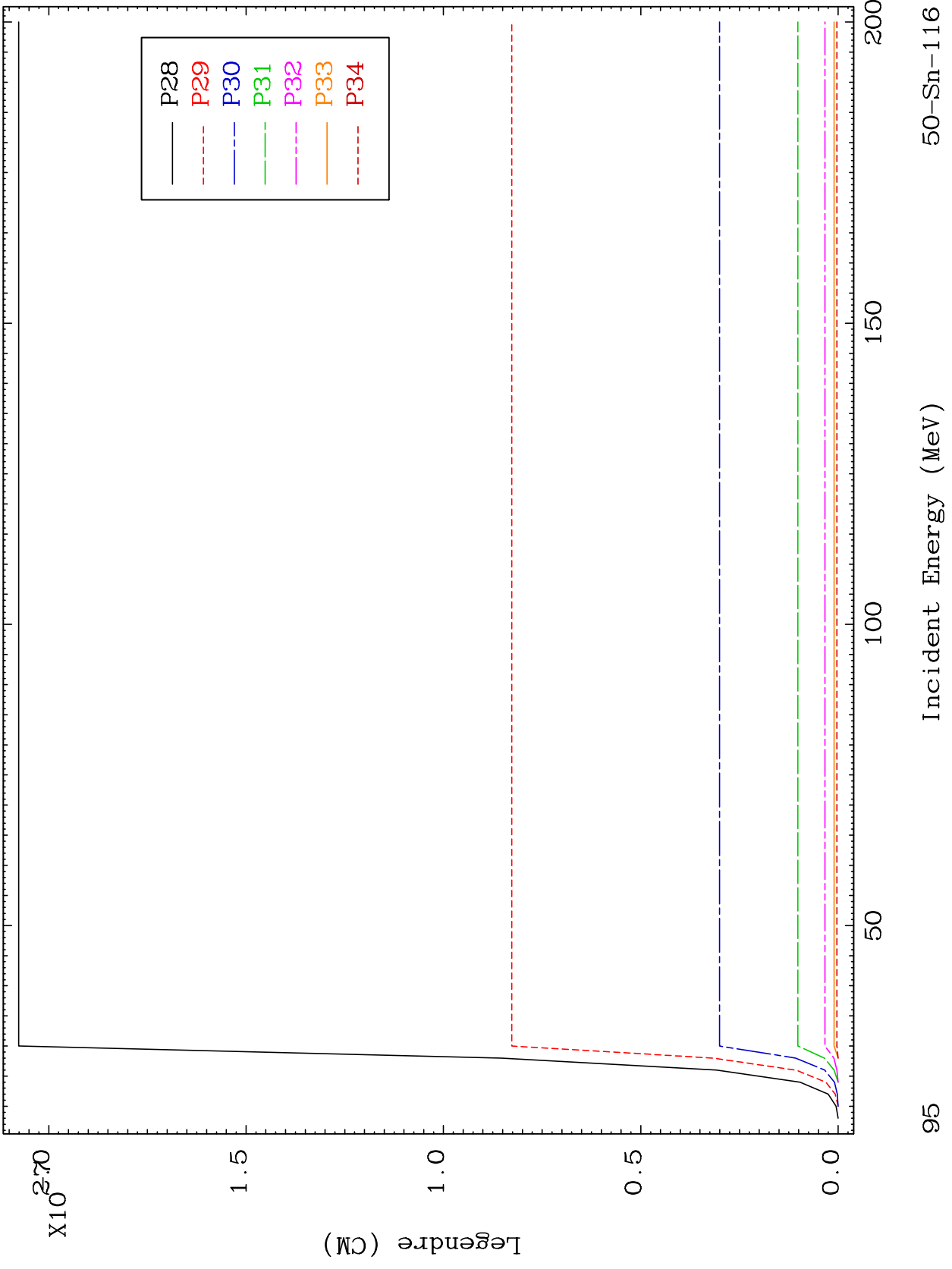




MAT 5037

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

50-Sn-116

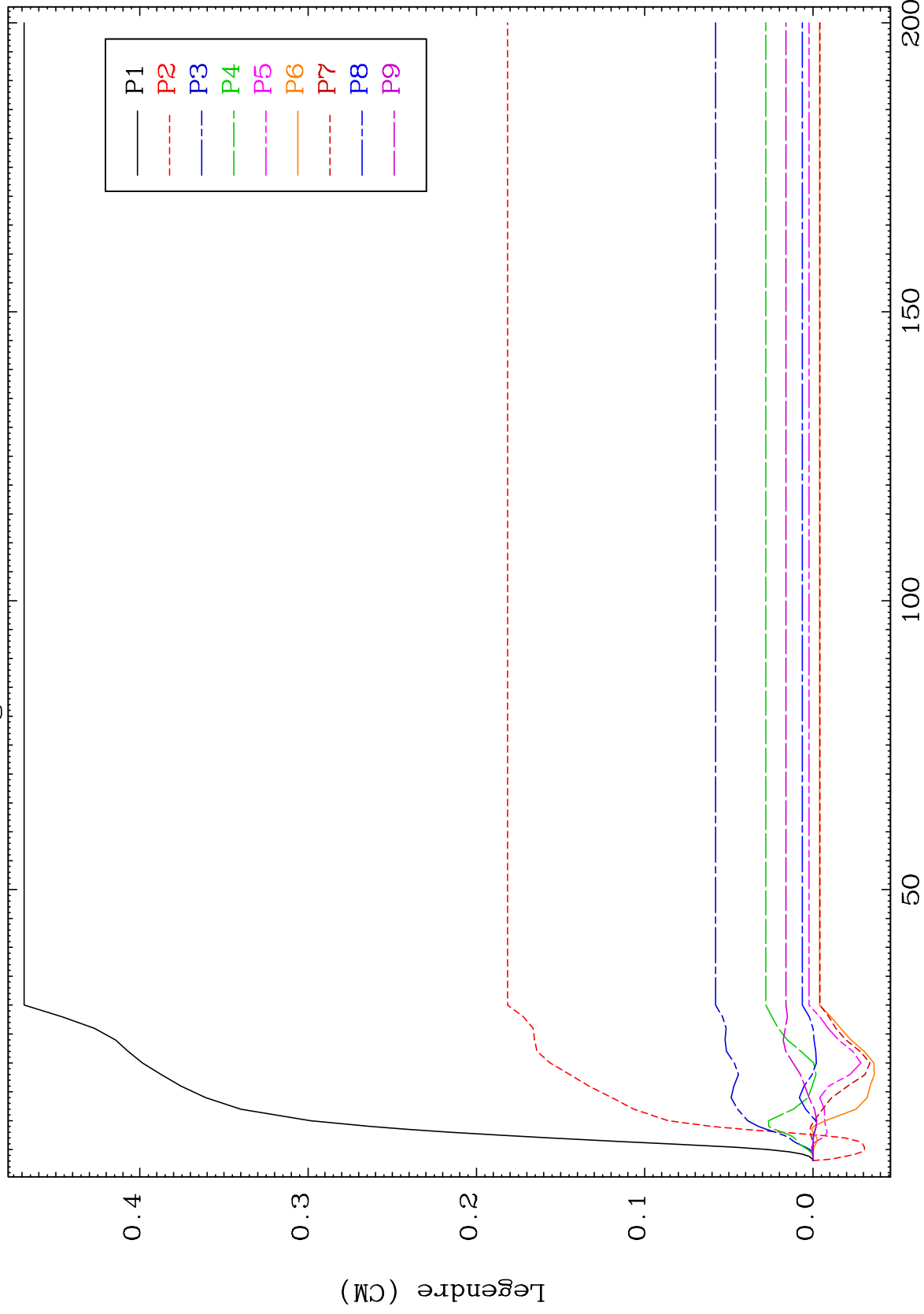




MAT 5037

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

50-Sn-116



96

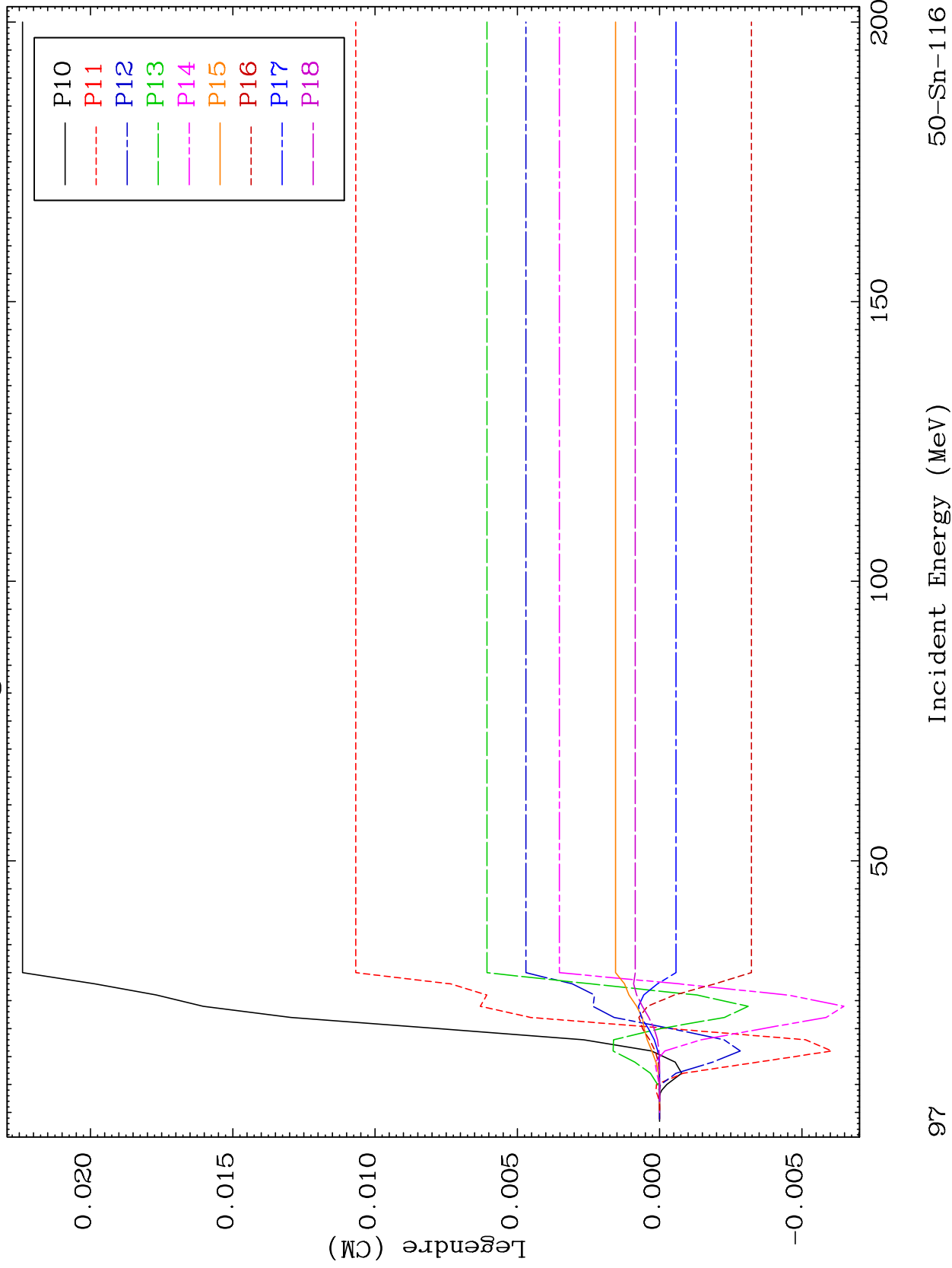
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



97

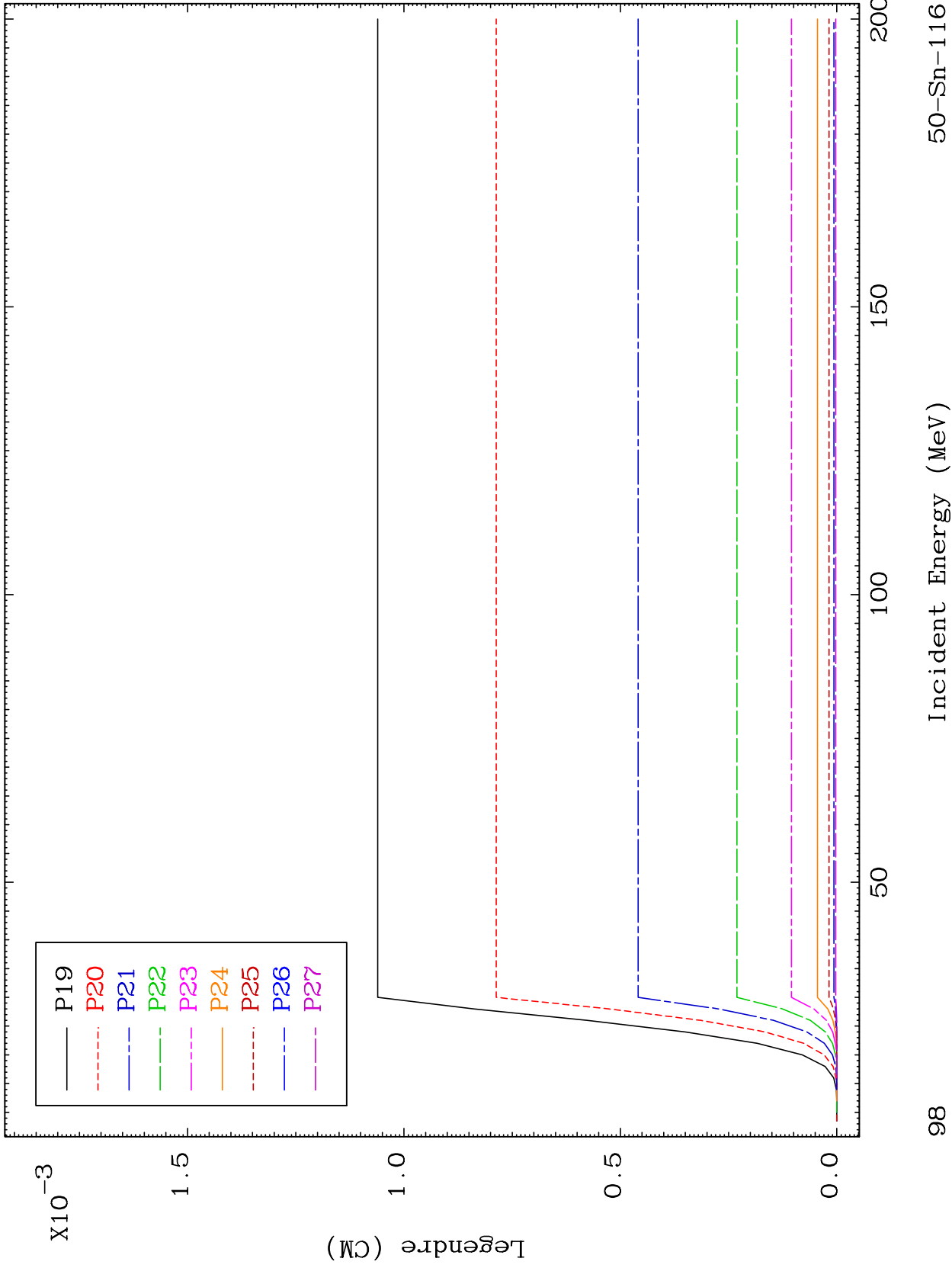
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



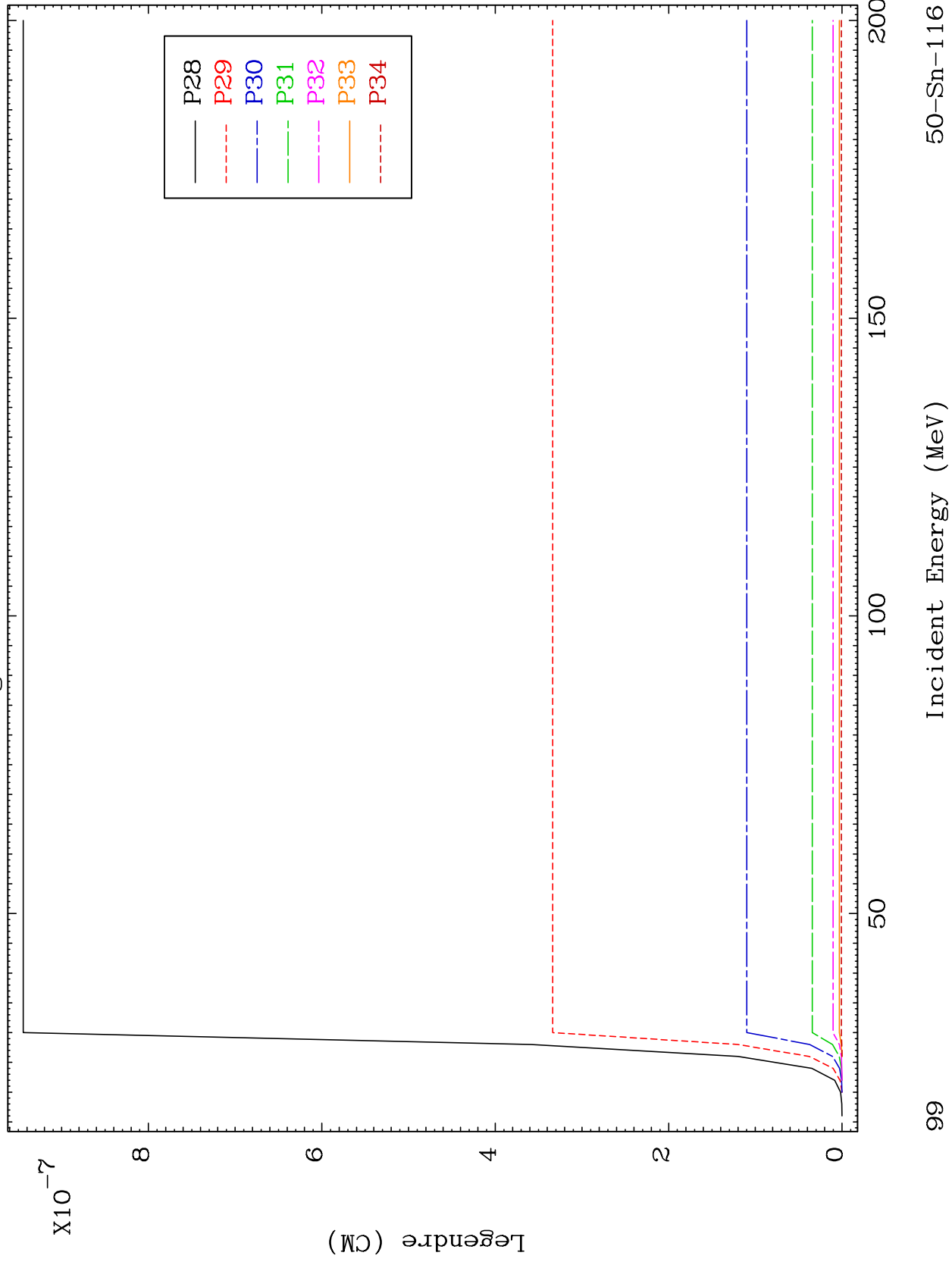
98

50-Sn-116

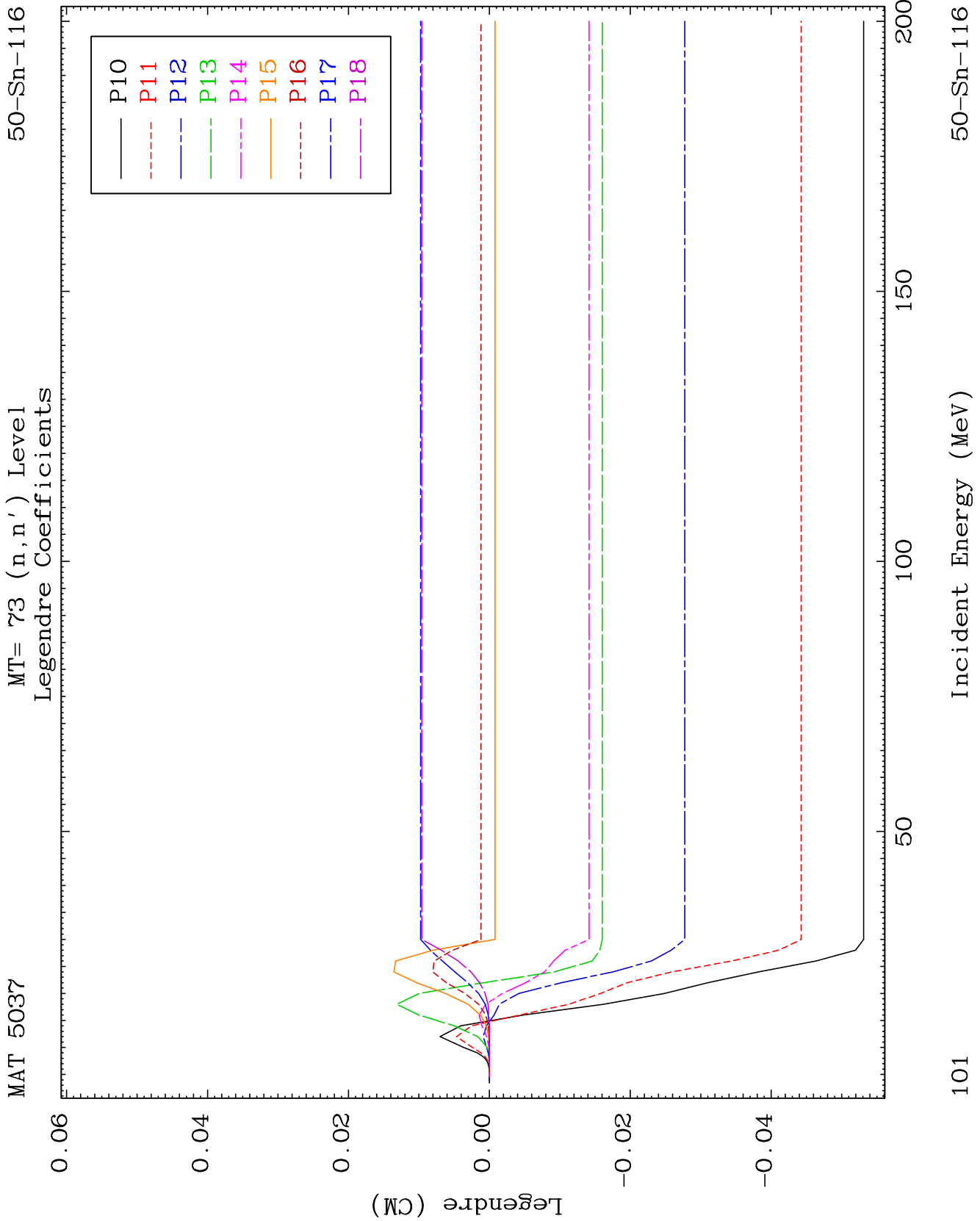
MAT 5037

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

50-Sn-116



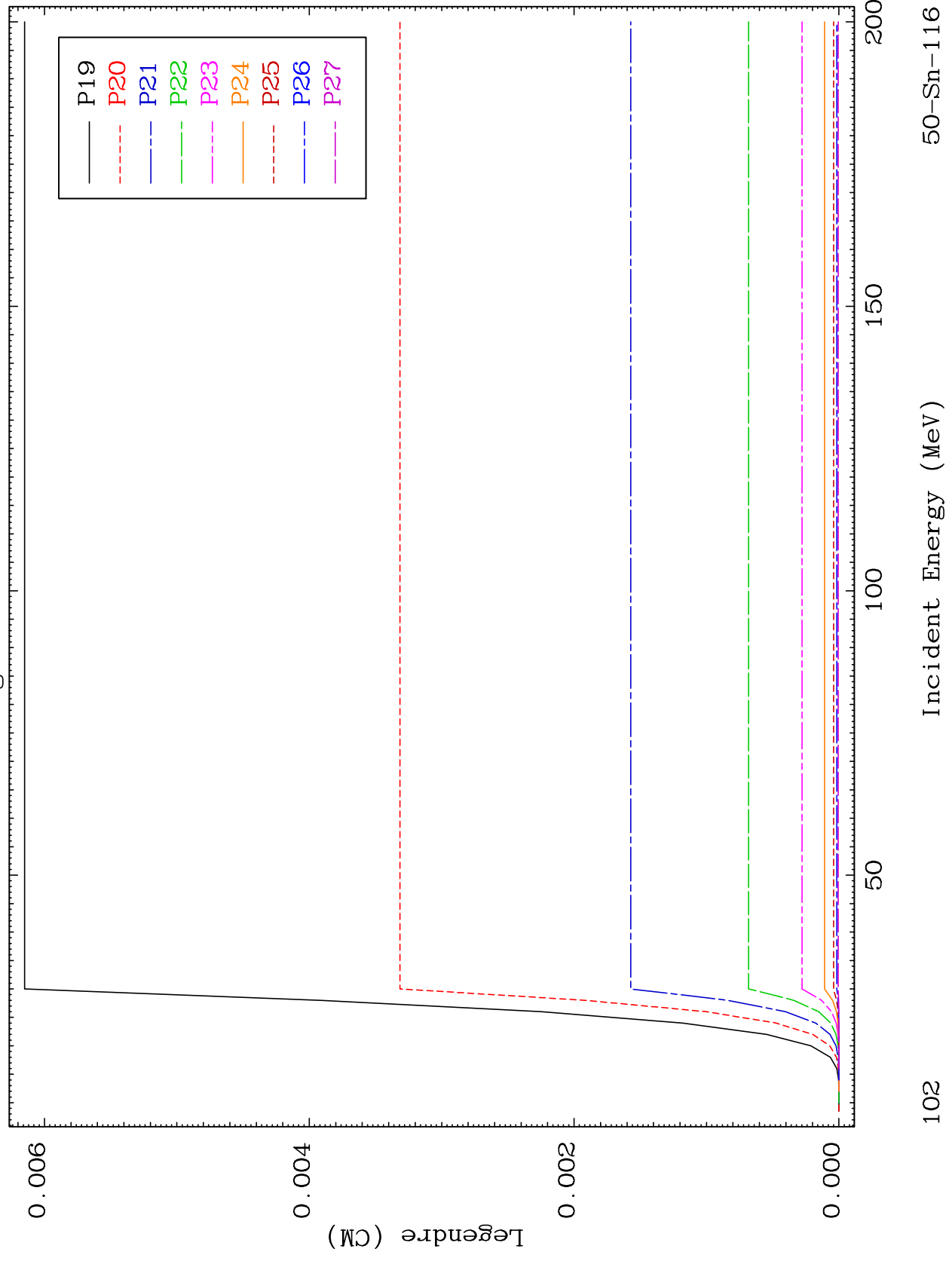




MAT 5037

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-116



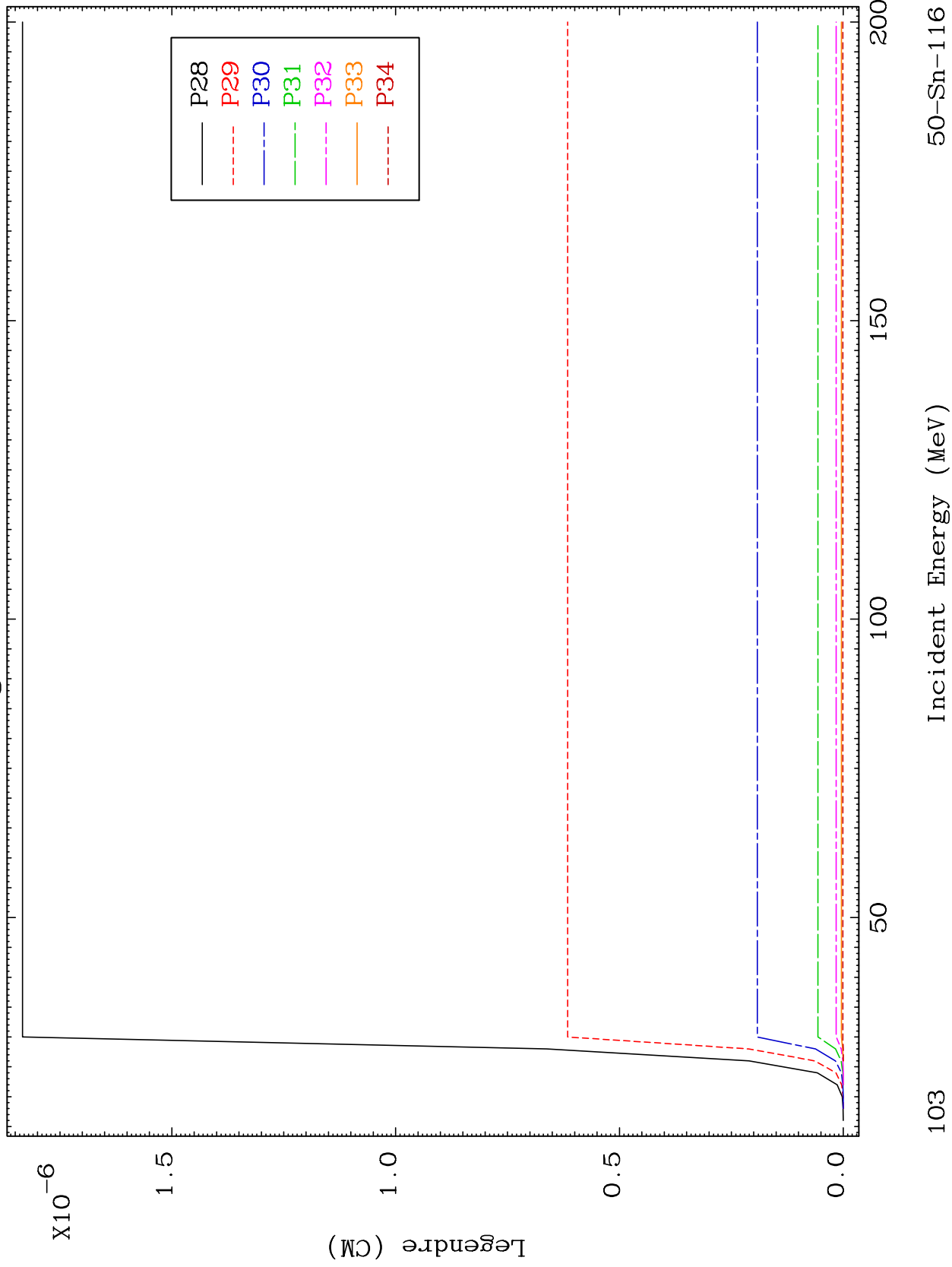
102

50-Sn-116

MAT 5037

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-116



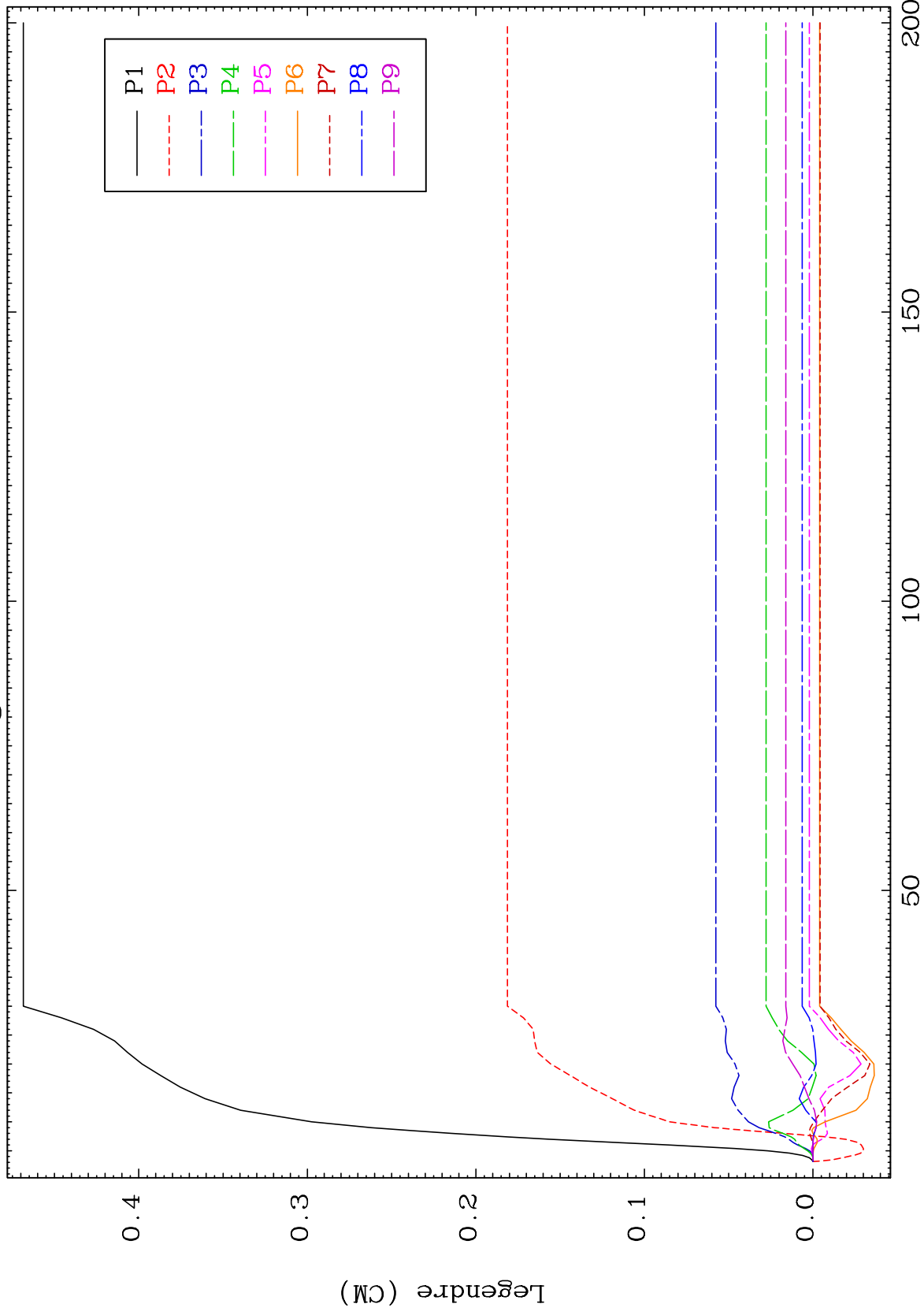
103



MAT 5037

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-116



104

Incident Energy (MeV)

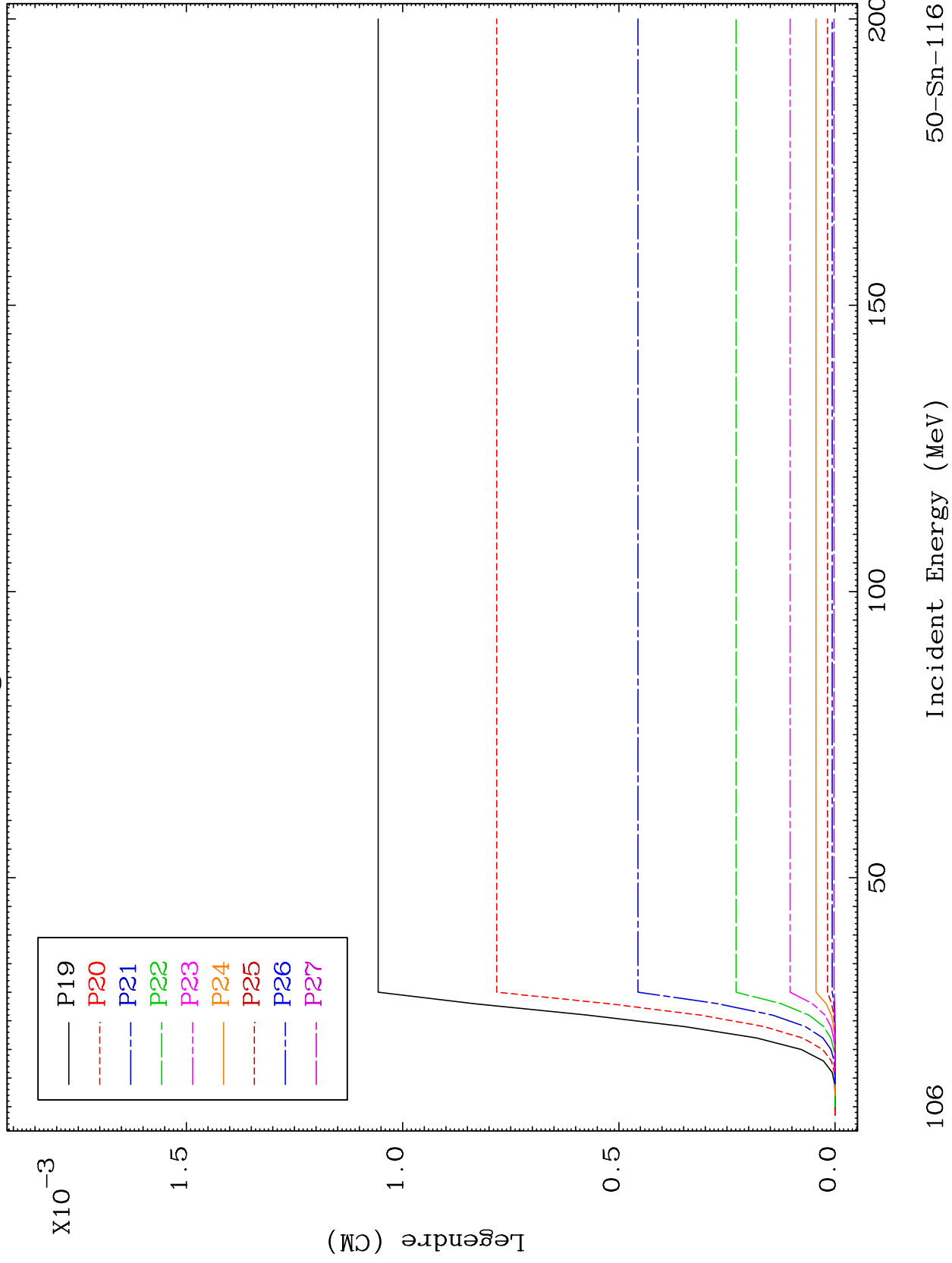
50-Sn-116



MAT 5037

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-116



106

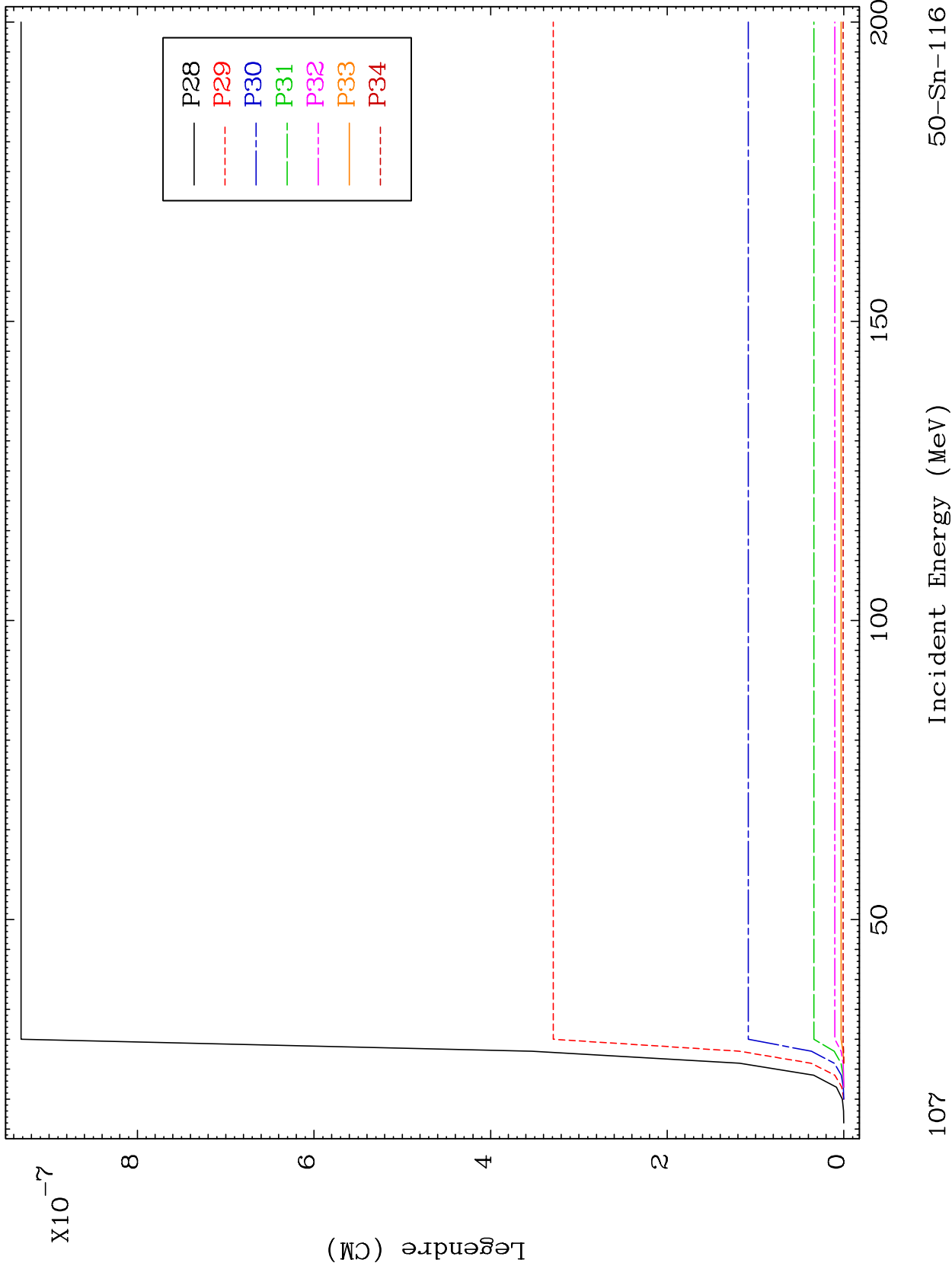
Incident Energy (MeV)

50-Sn-116

MAT 5037

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-116



107

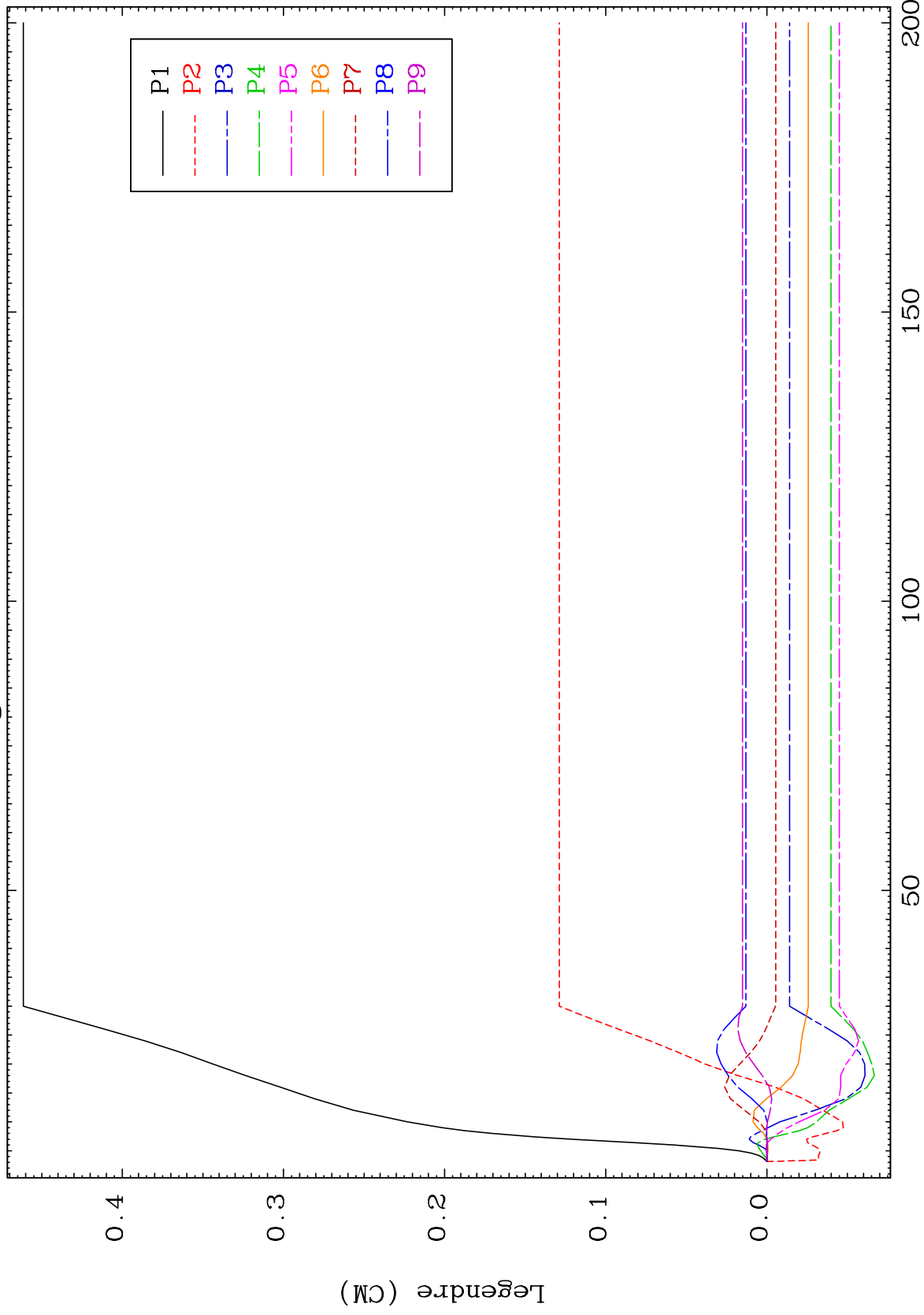
Incident Energy (MeV)

50-Sn-116

MAT 5037

MT= 75 (n,n') Level  
Legendre Coefficients

50-Sn-116



108

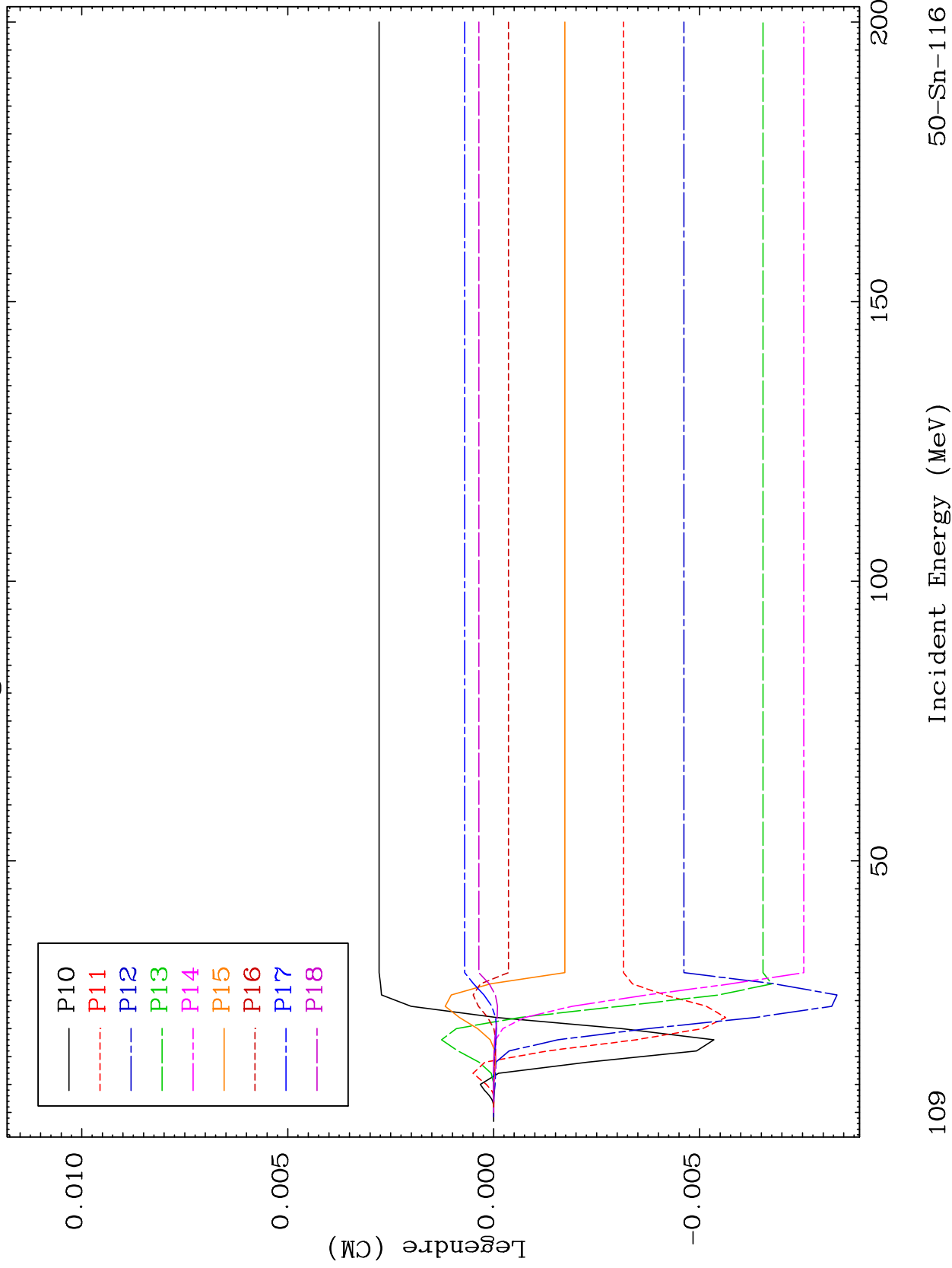
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

MT= 75 (n,n') Level  
Legendre Coefficients



109

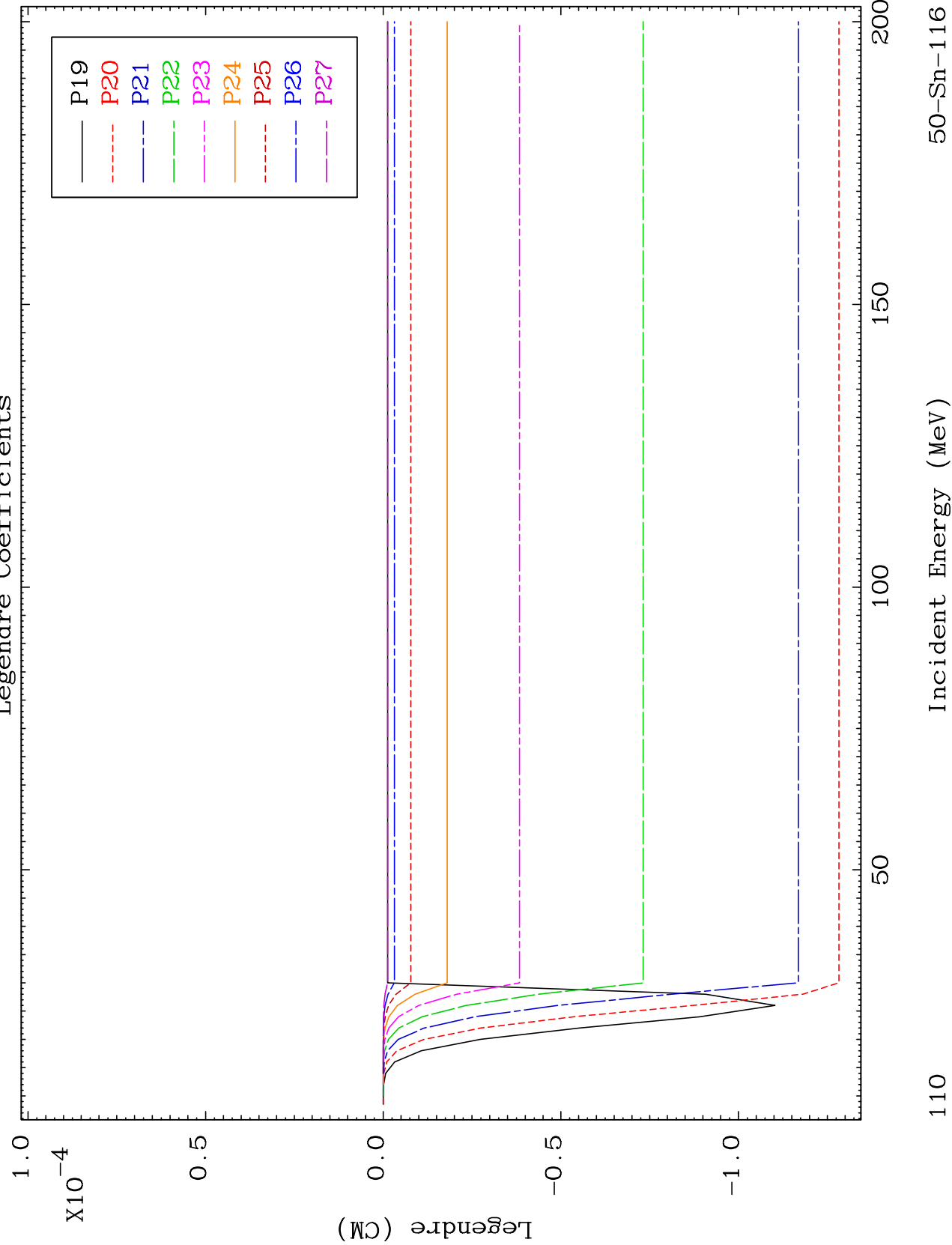
50-Sn-116

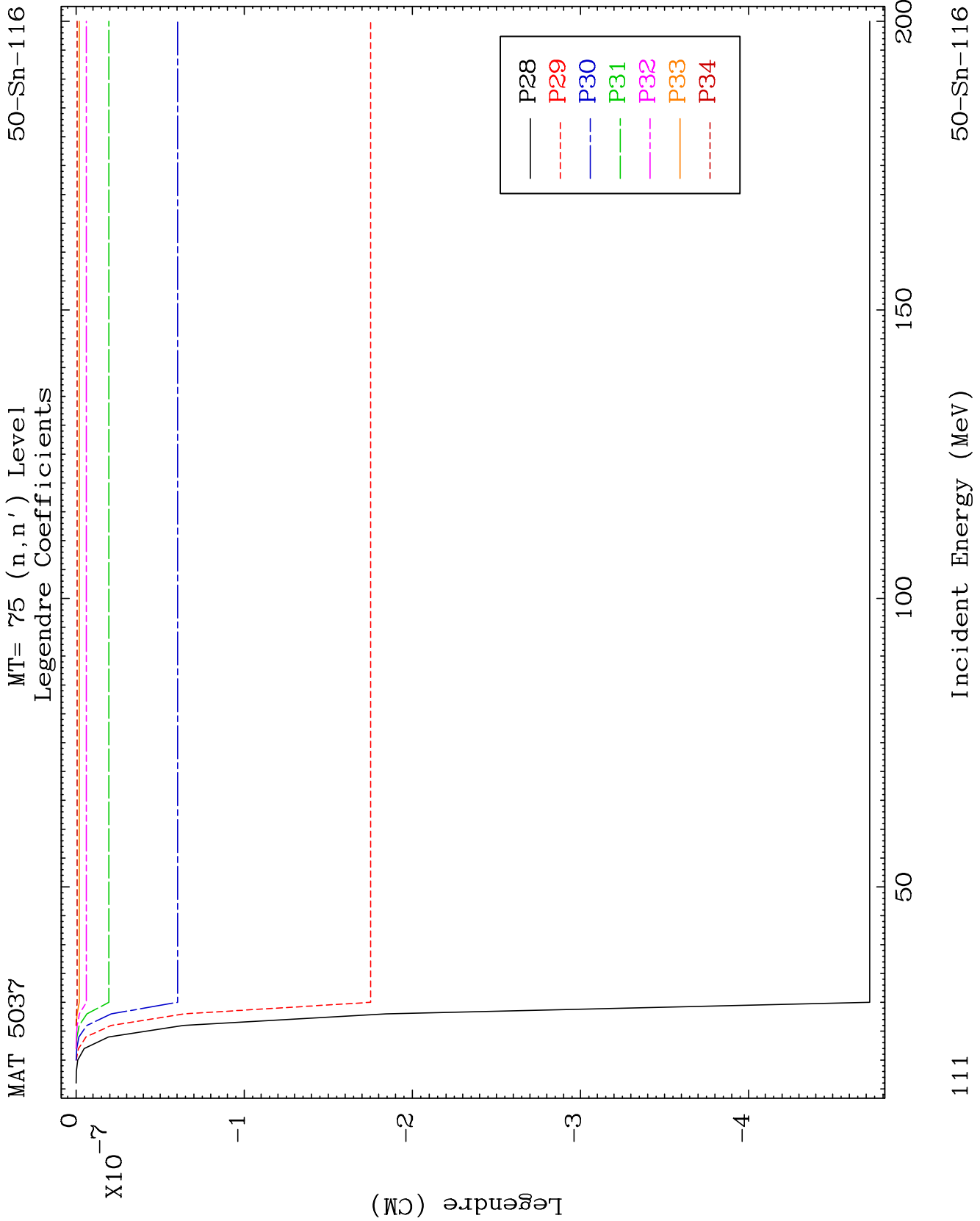
Incident Energy (MeV)

MAT 5037

MT= 75 (n,n') Level  
Legendre Coefficients

50-Sn-116



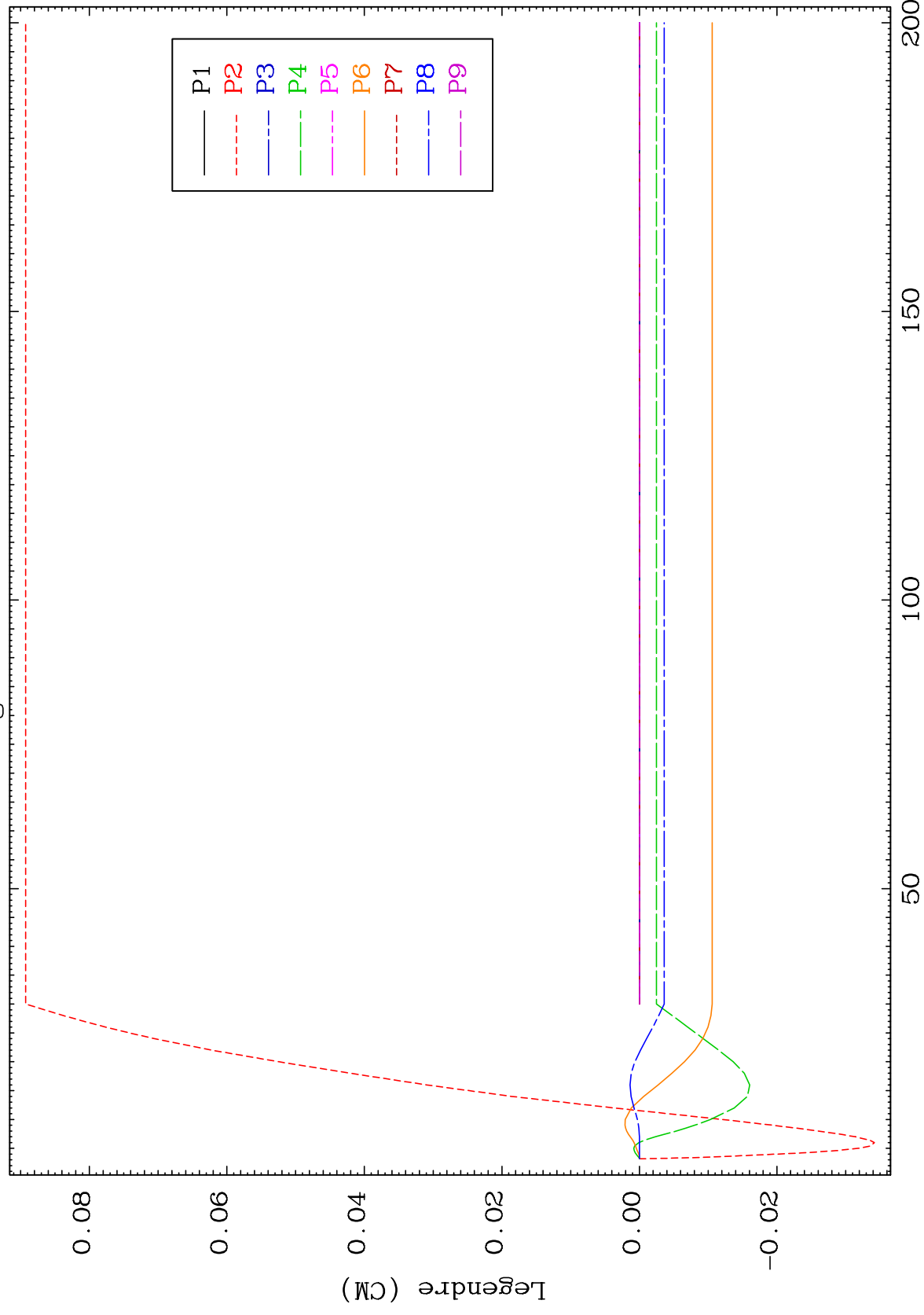




MAT 5037

MT= 76 (n,n') Level  
Legendre Coefficients

50-Sn-116



50-Sn-116

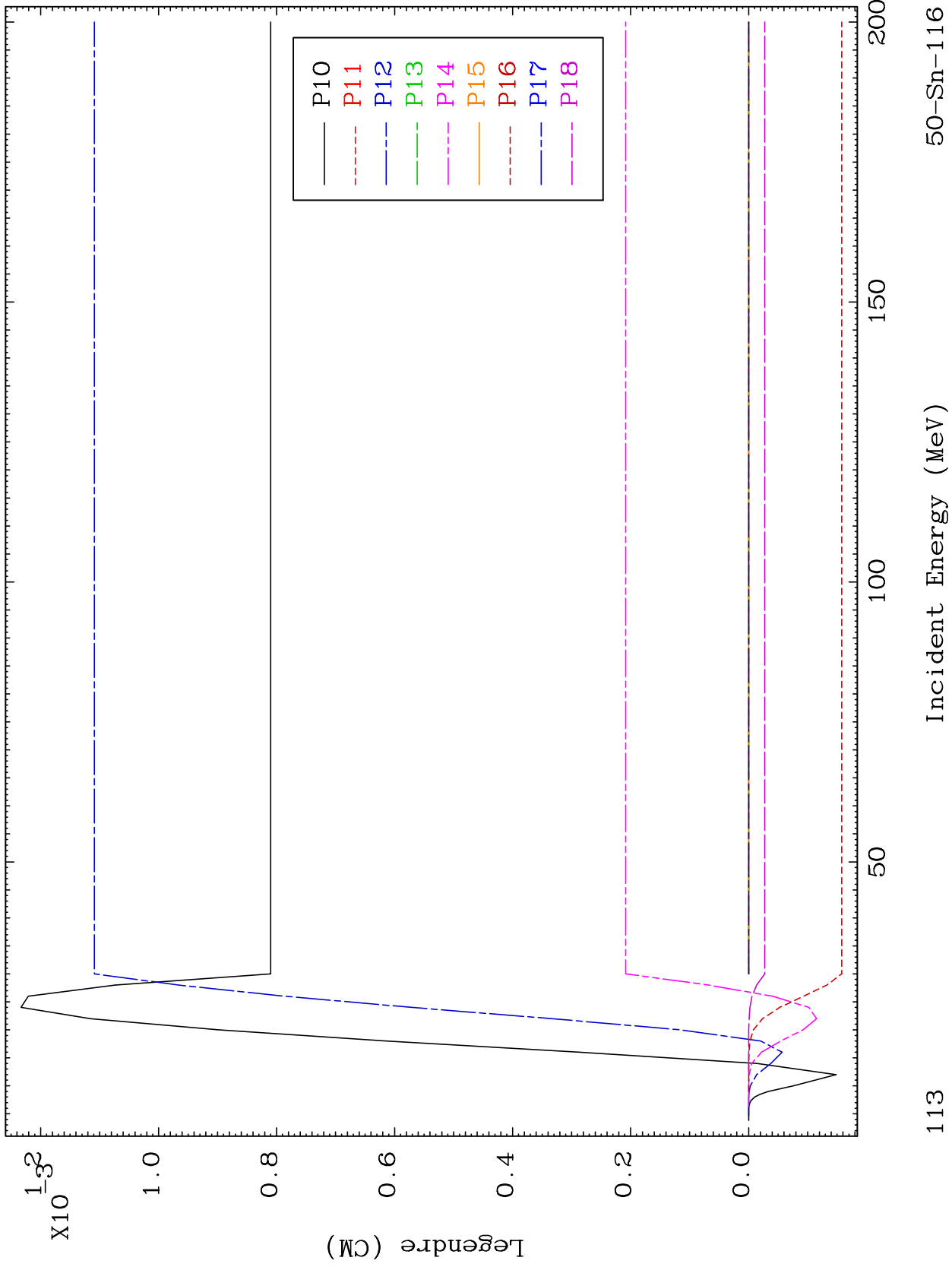
Incident Energy (MeV)

112

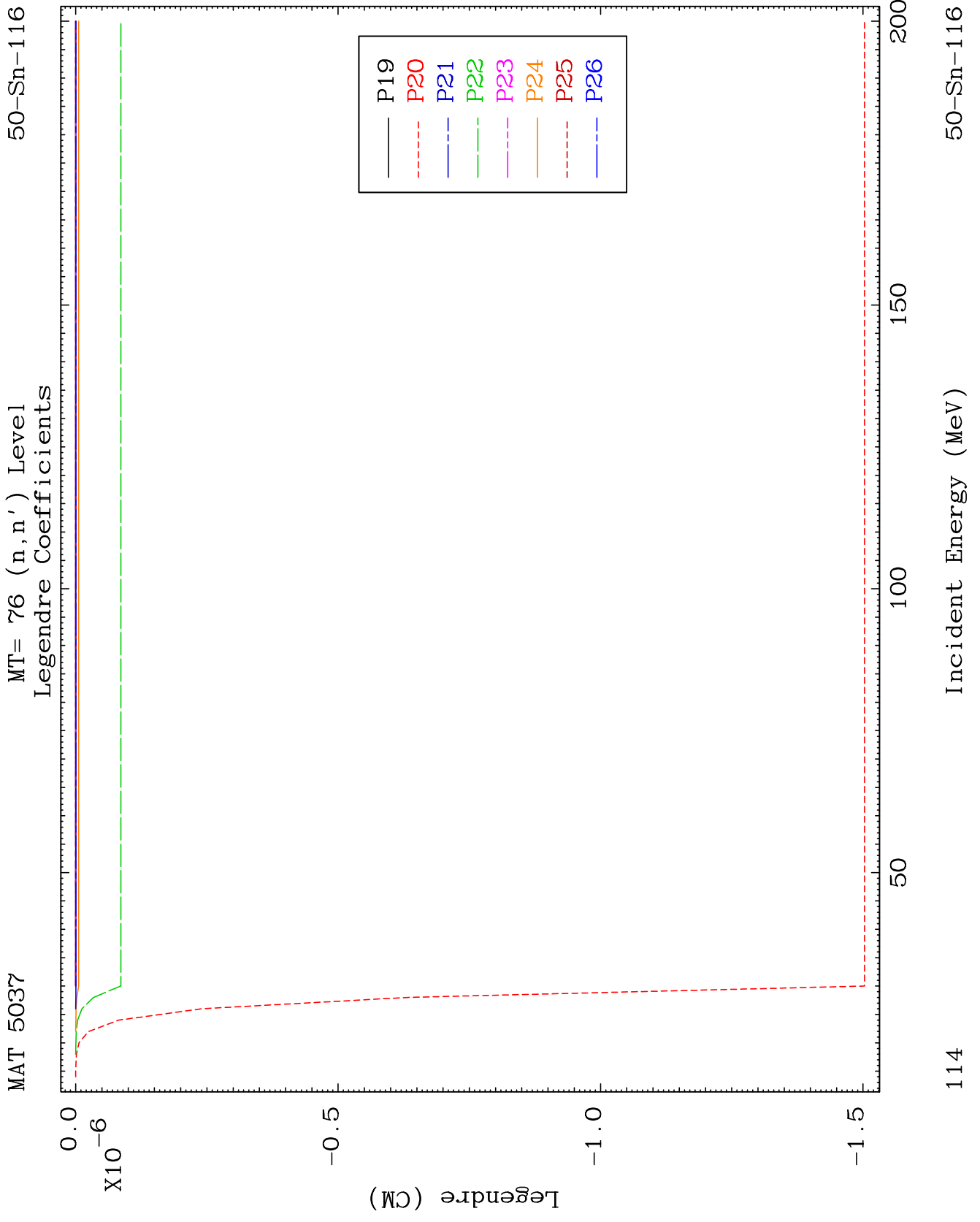
MAT 5037

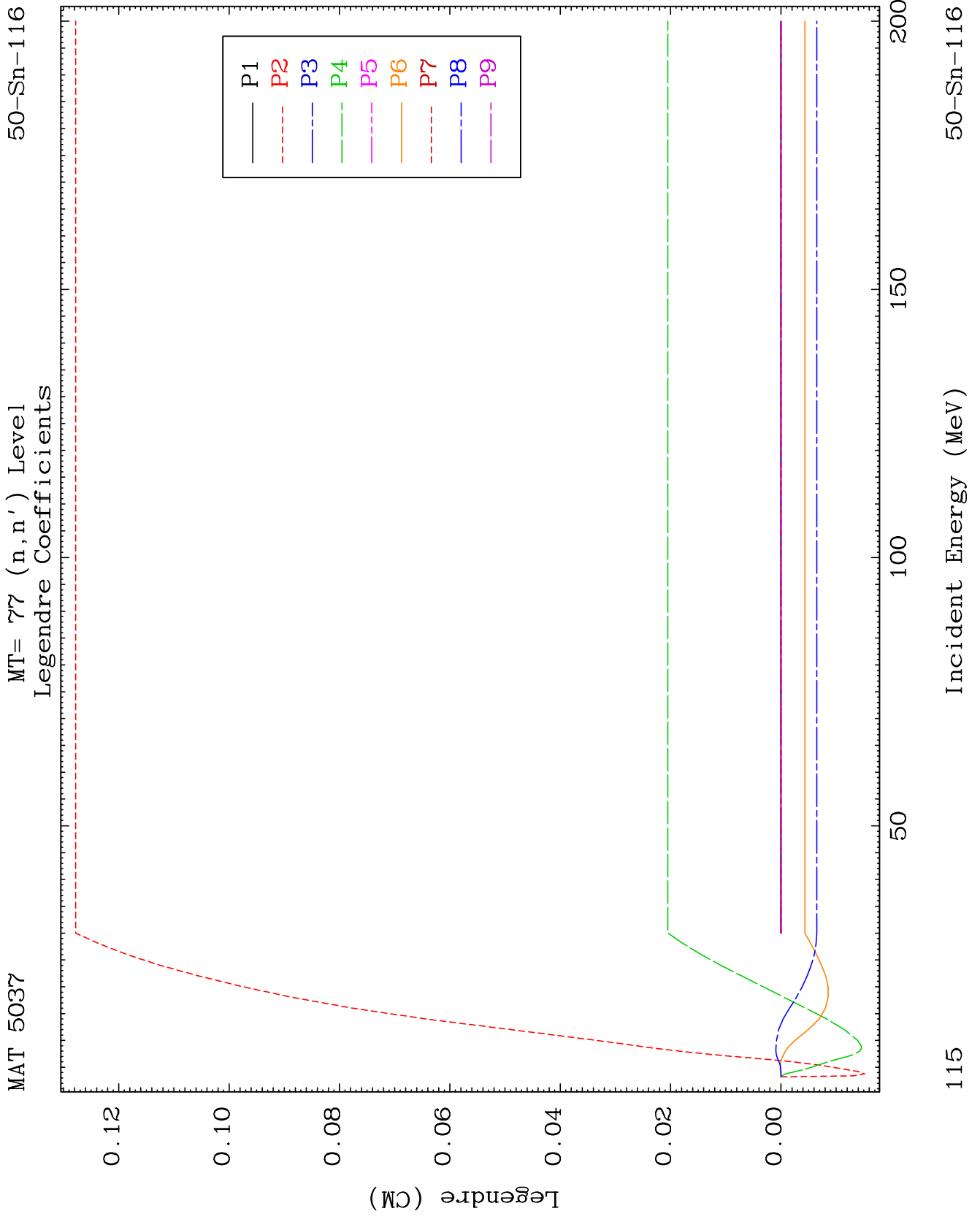
MT= 76 (n,n') Level  
Legendre Coefficients

50-Sn-116



113

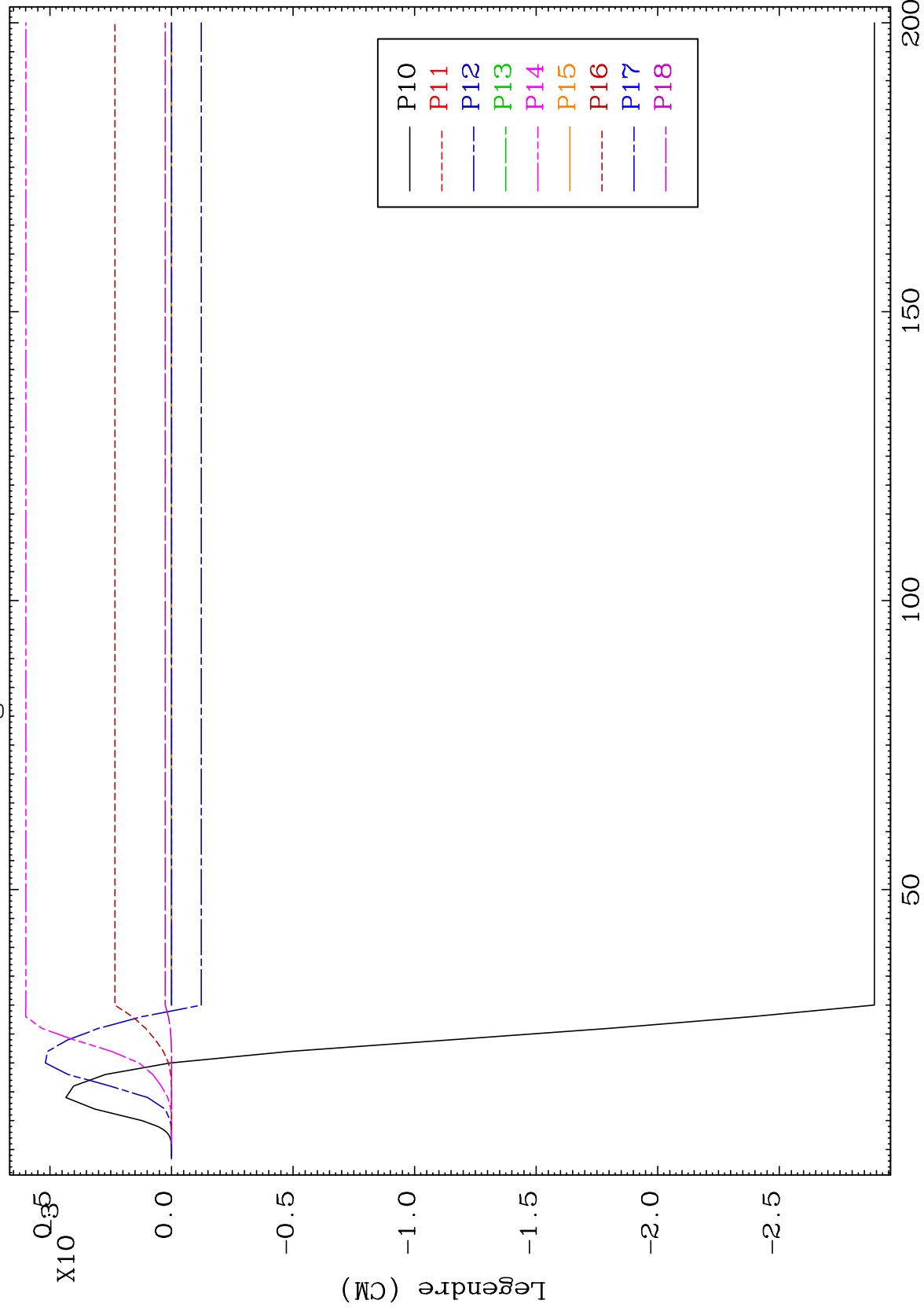




MAT 5037

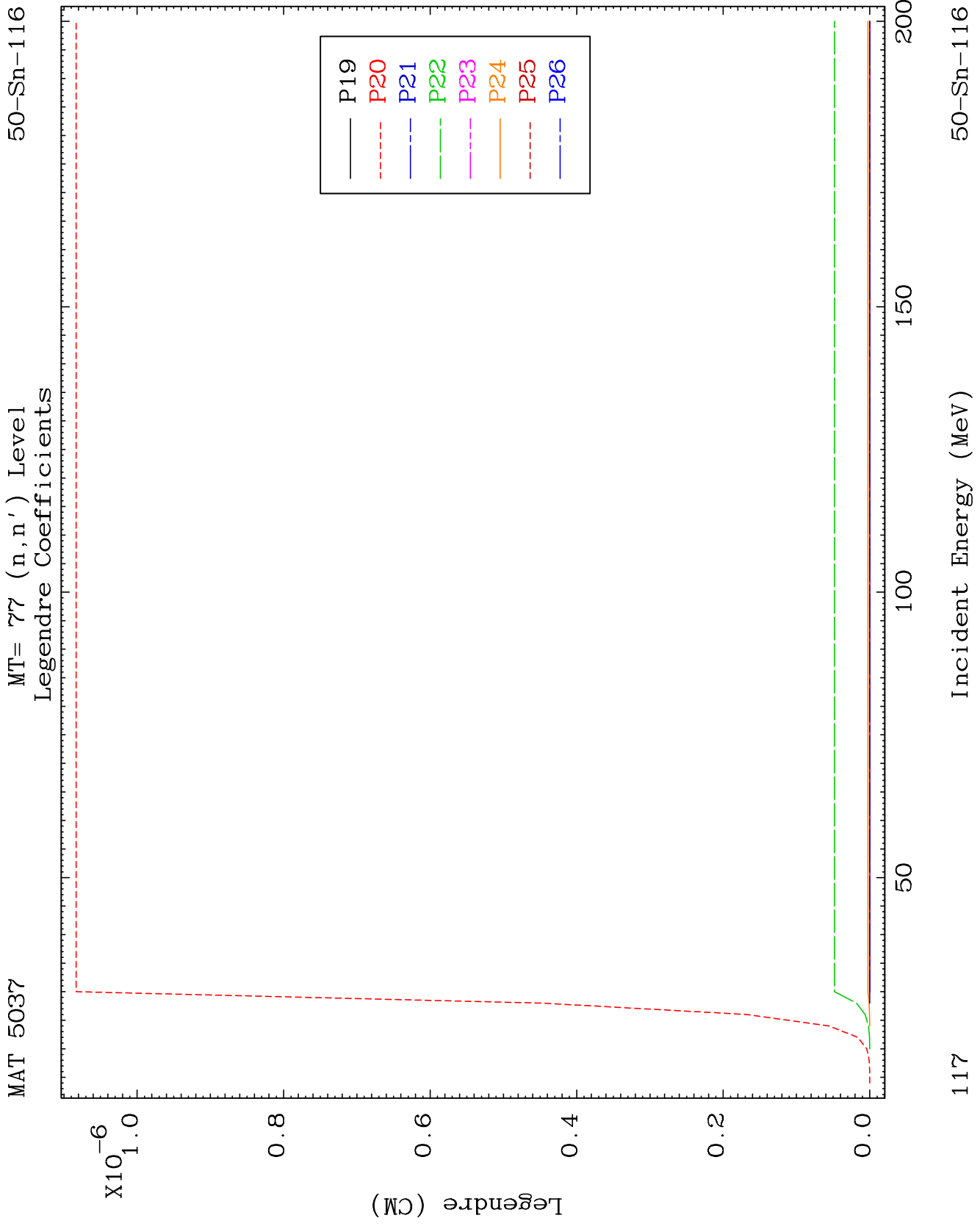
MT= 77 (n,n') Level  
Legendre Coefficients

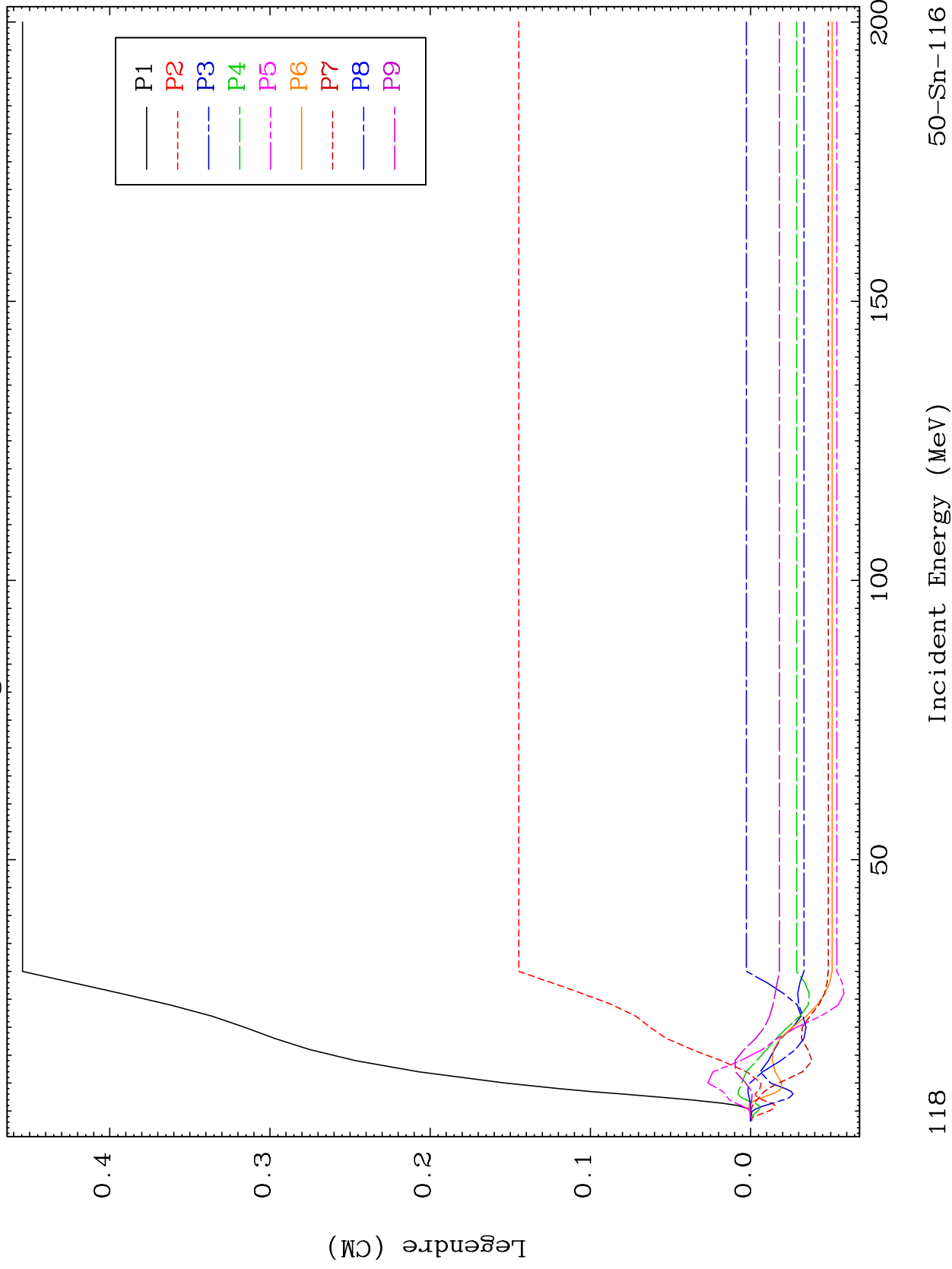
50-Sn-116



116

50-Sn-116

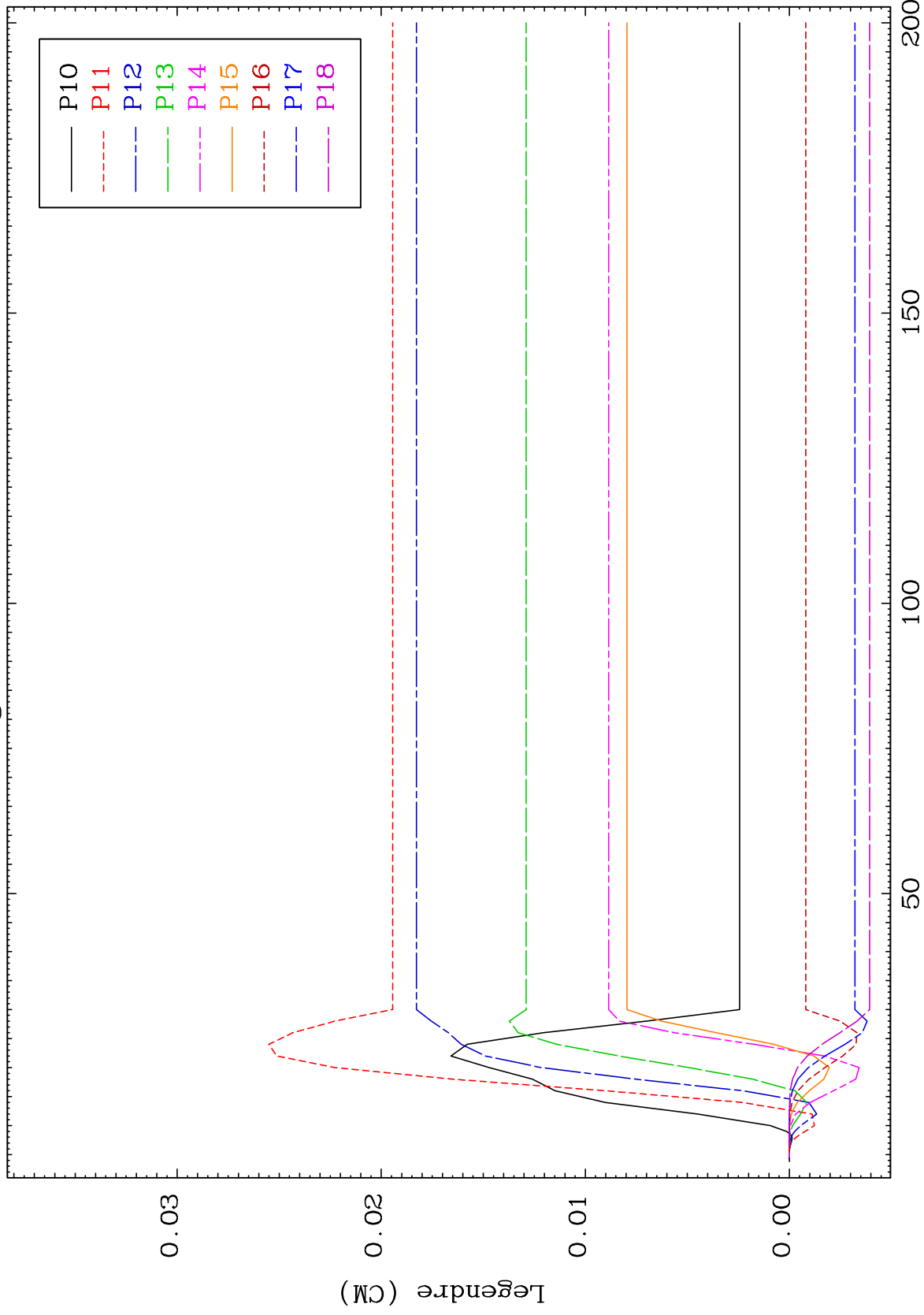




MAT 5037

MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-116

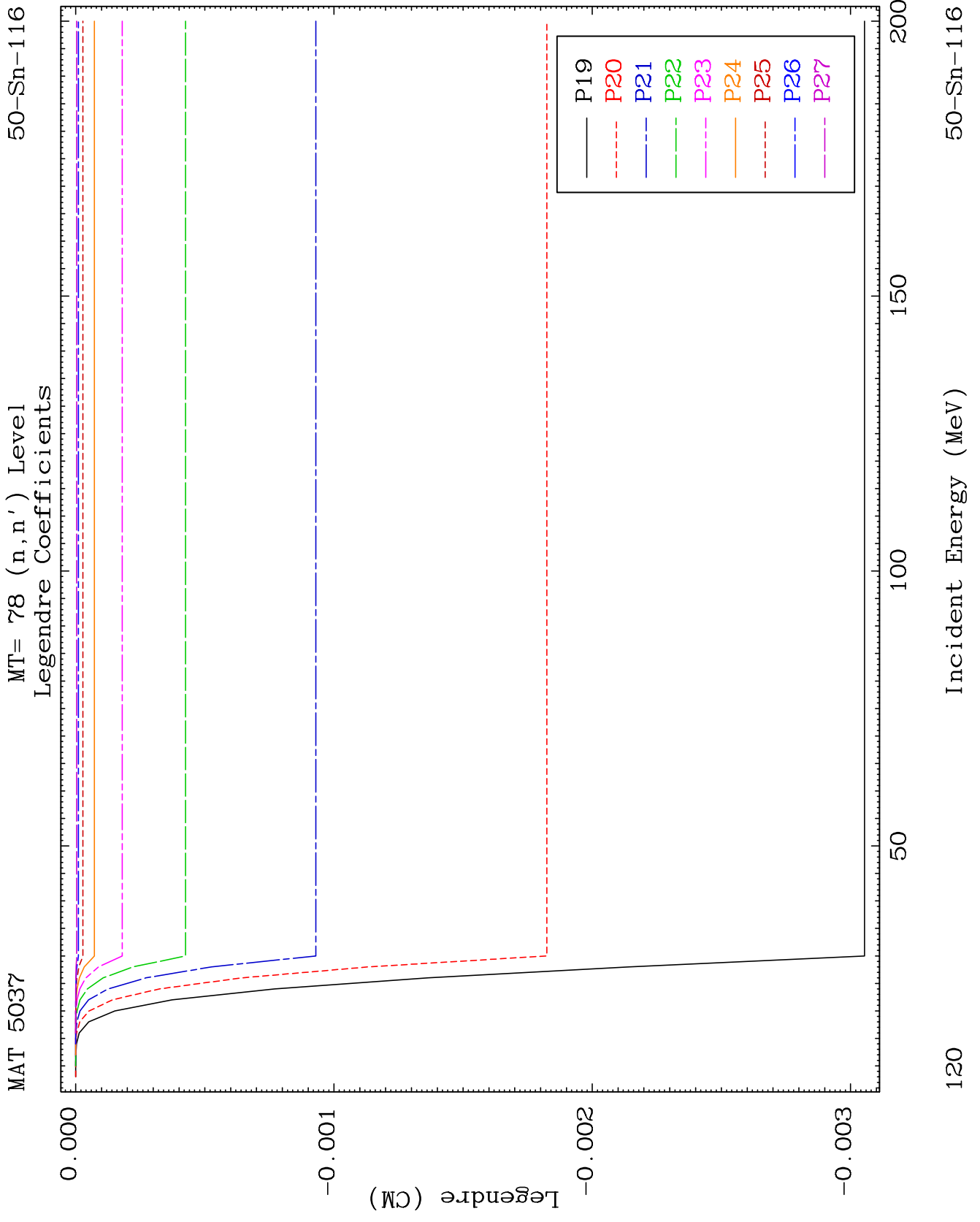


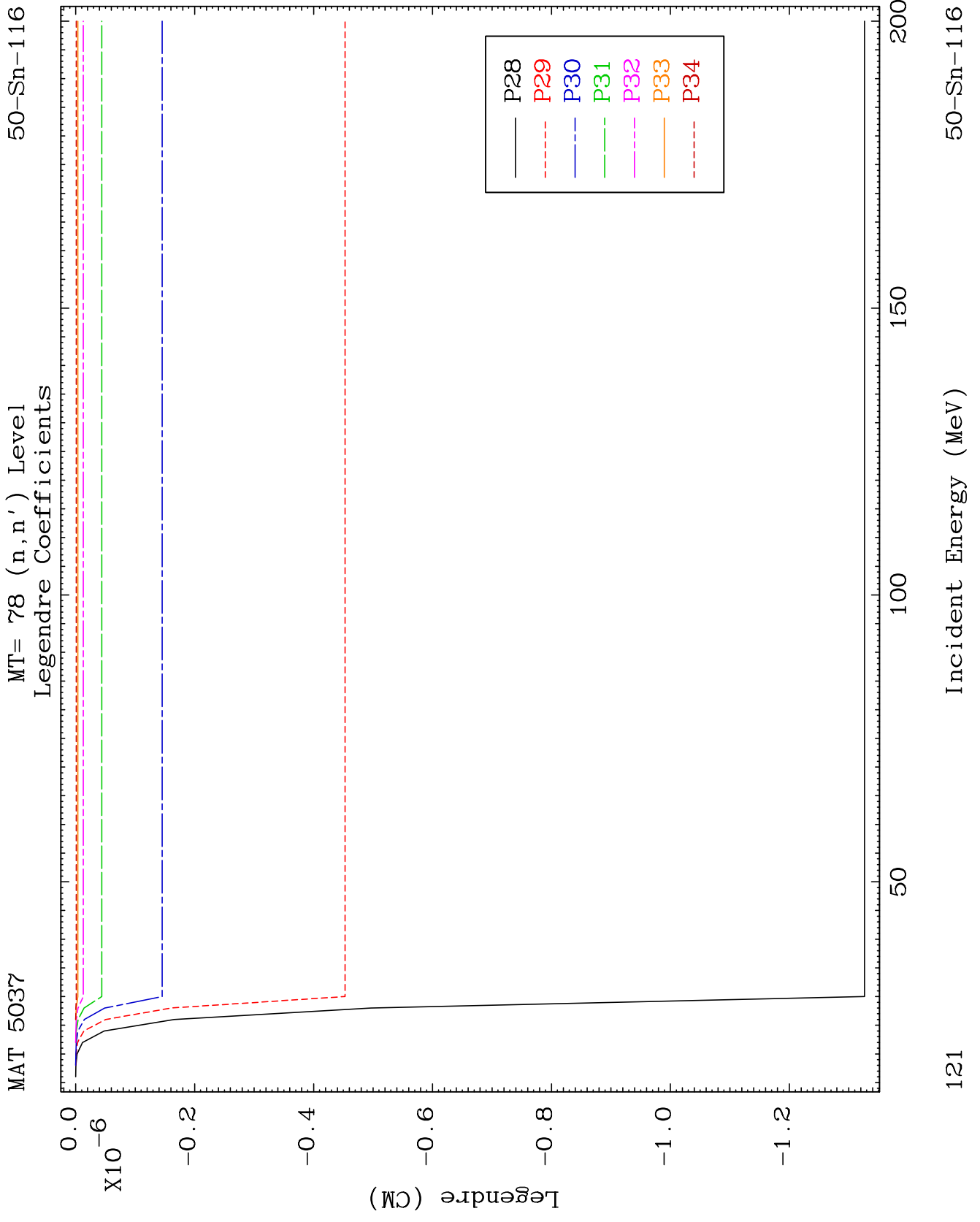
119

Incident Energy (MeV)

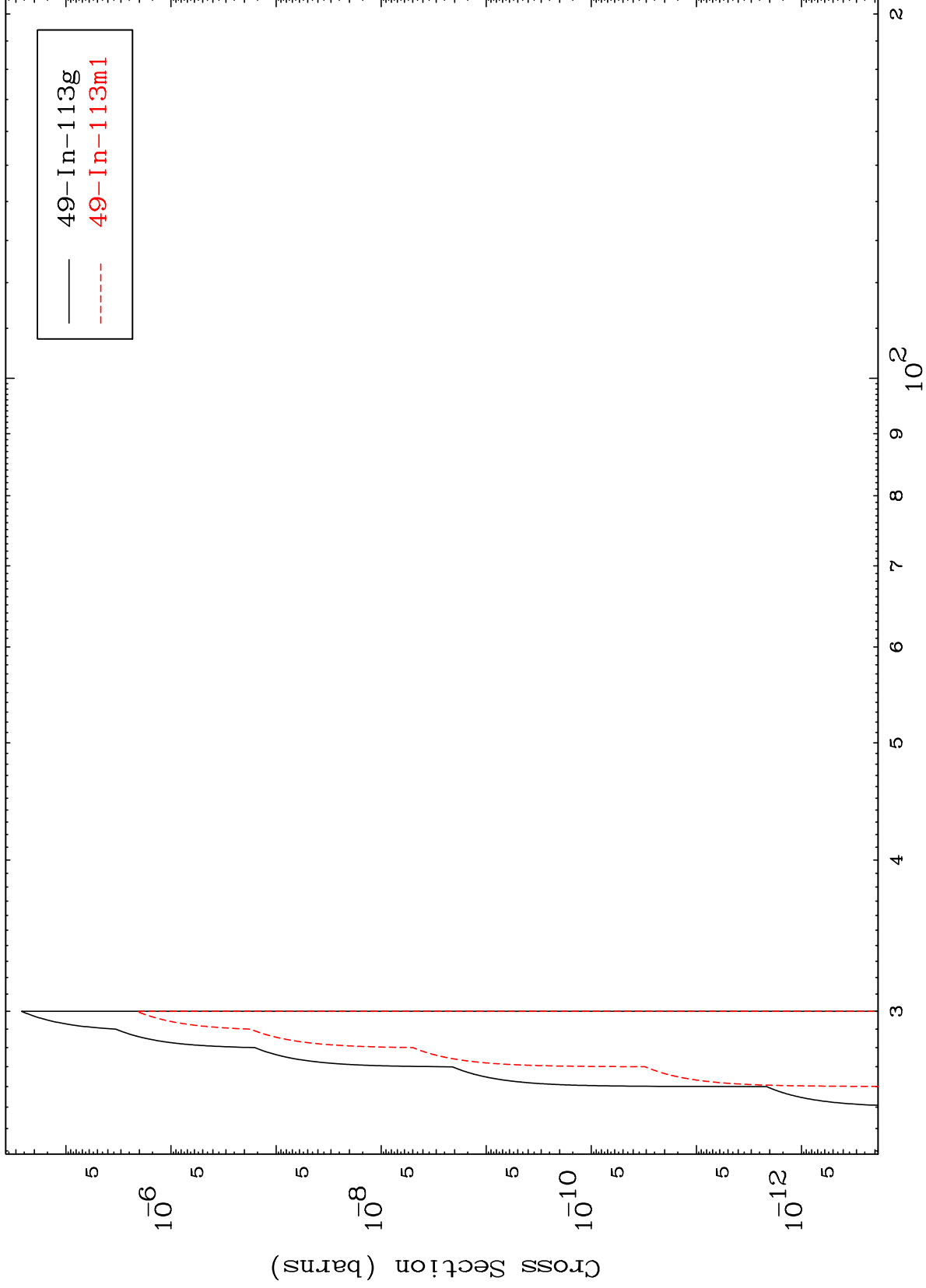
50-Sn-116



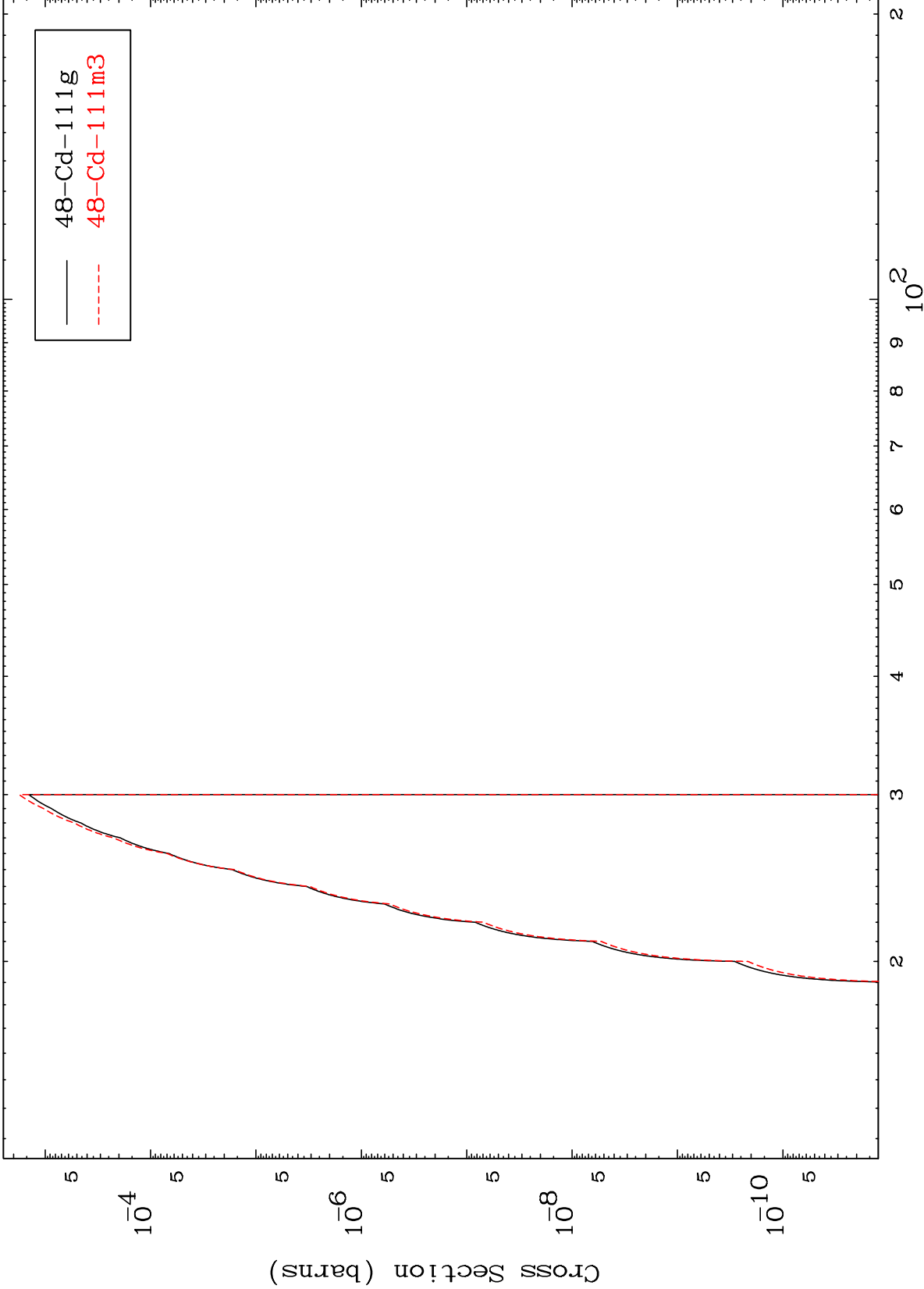




Radionuclide Production Cross Section



Radionuclide Production Cross Section

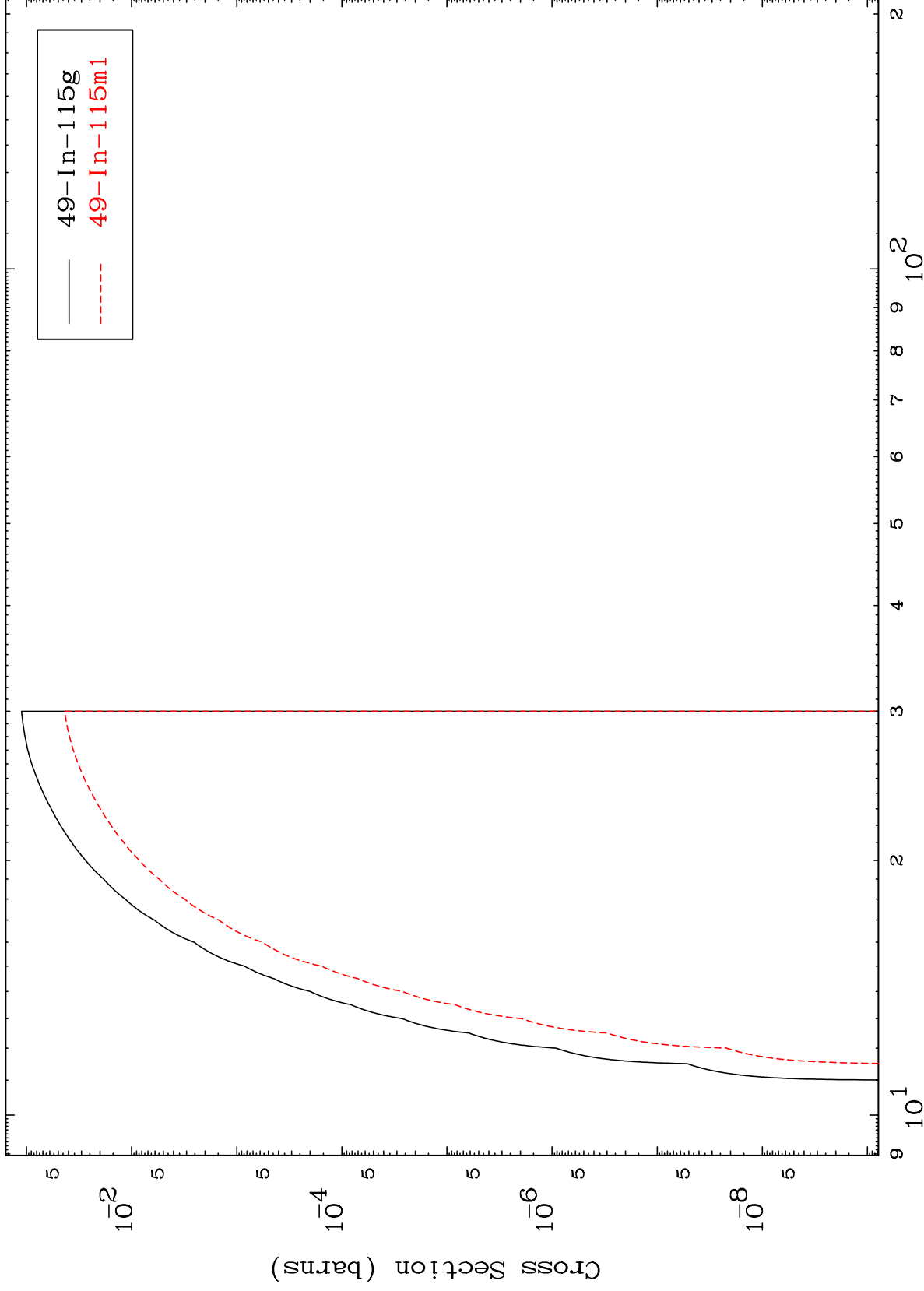


MAT 5037

(n,n') p

50-Sn-116

Radionuclide Production Cross Section



124

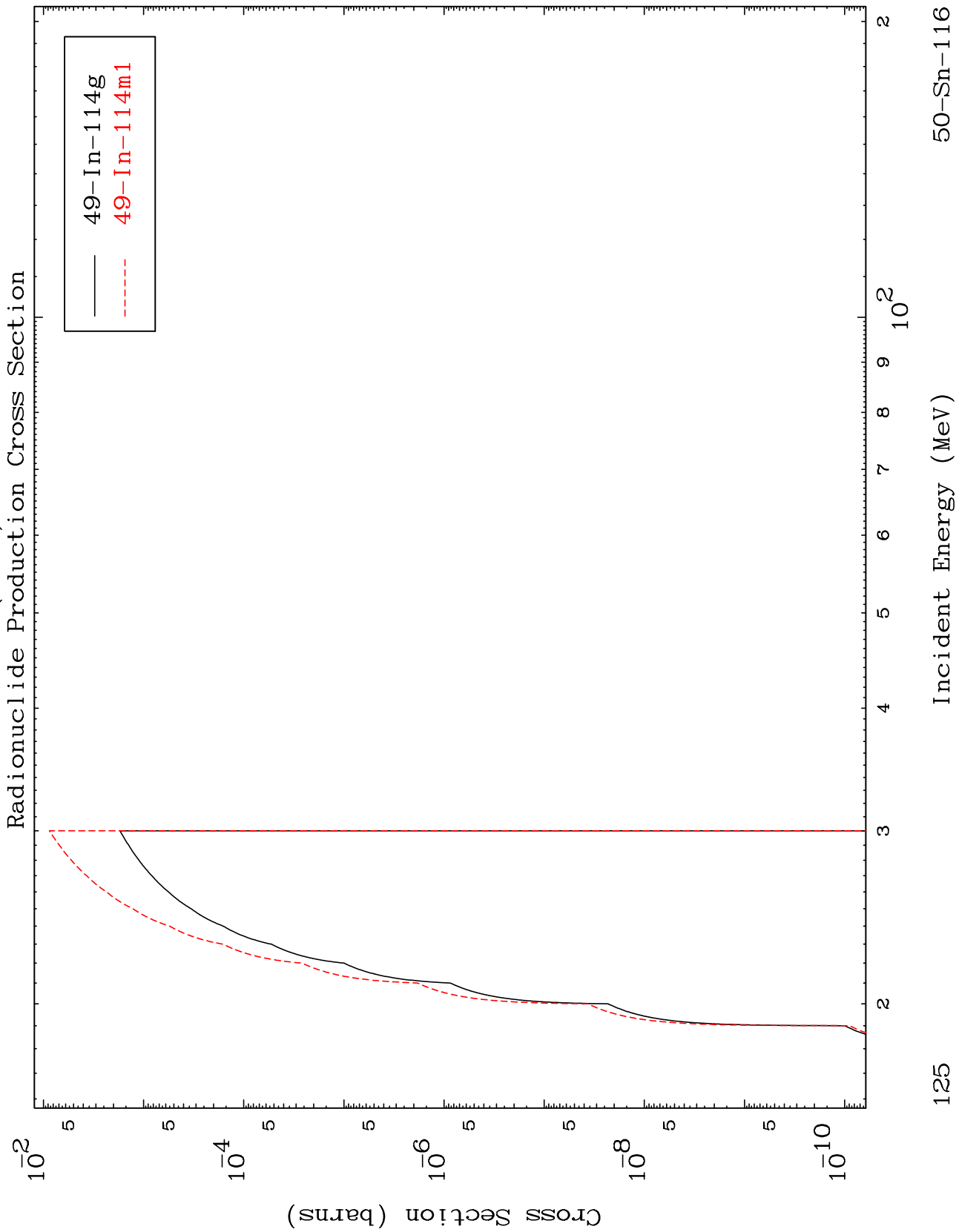
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,n') d

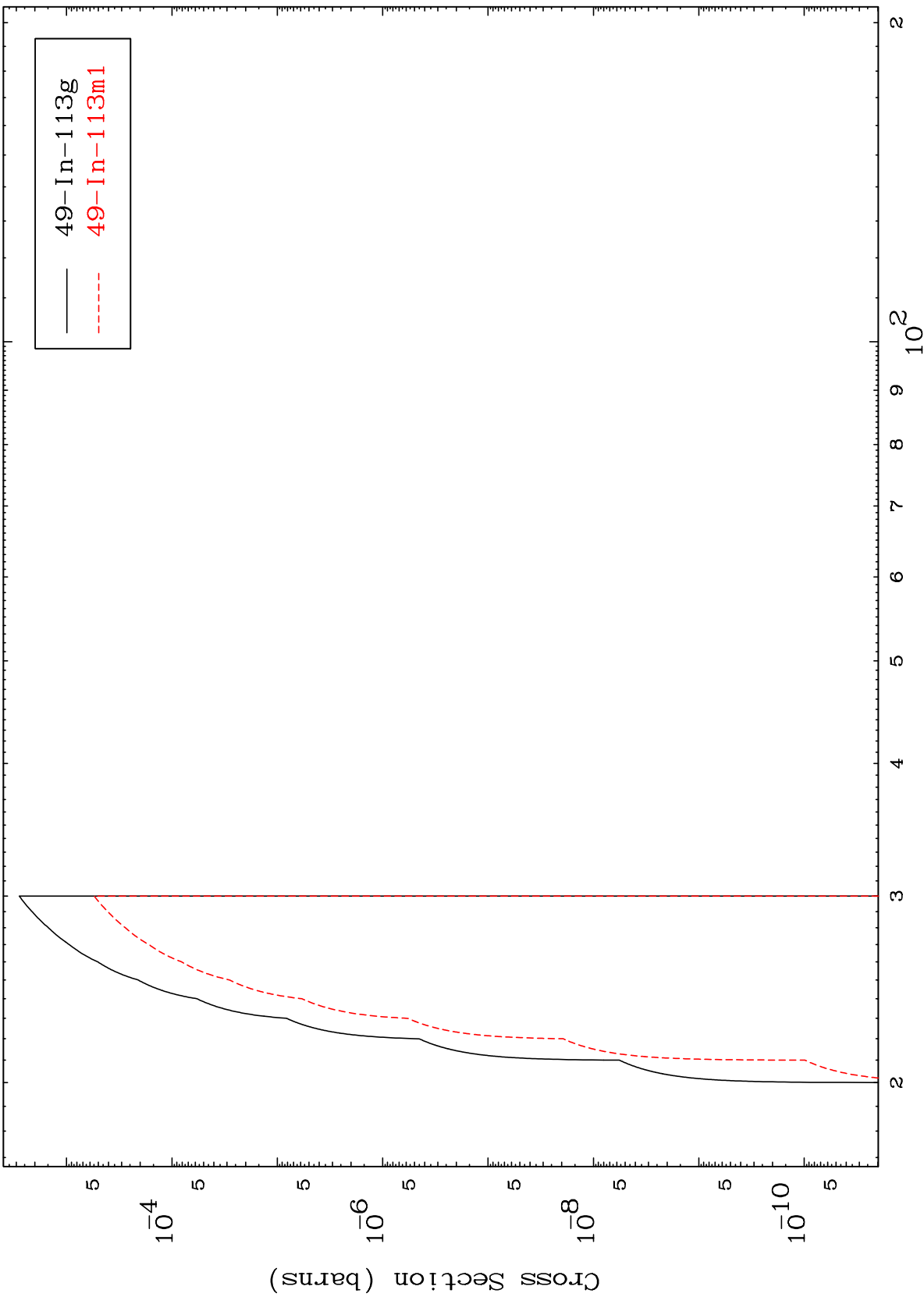
50-Sn-116



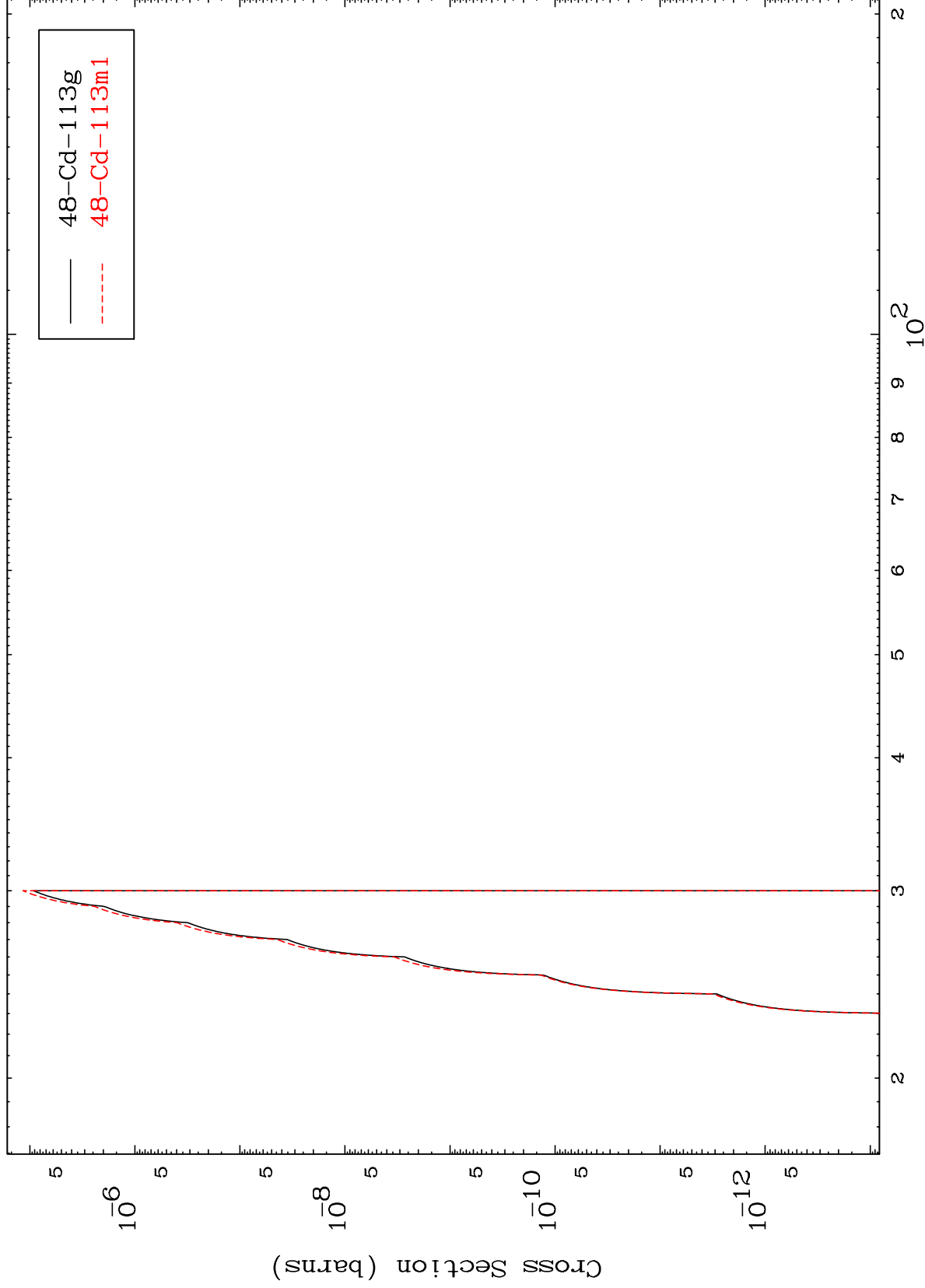
125

50-Sn-116

Radionuclide Production Cross Section



Radionuclide Production Cross Section

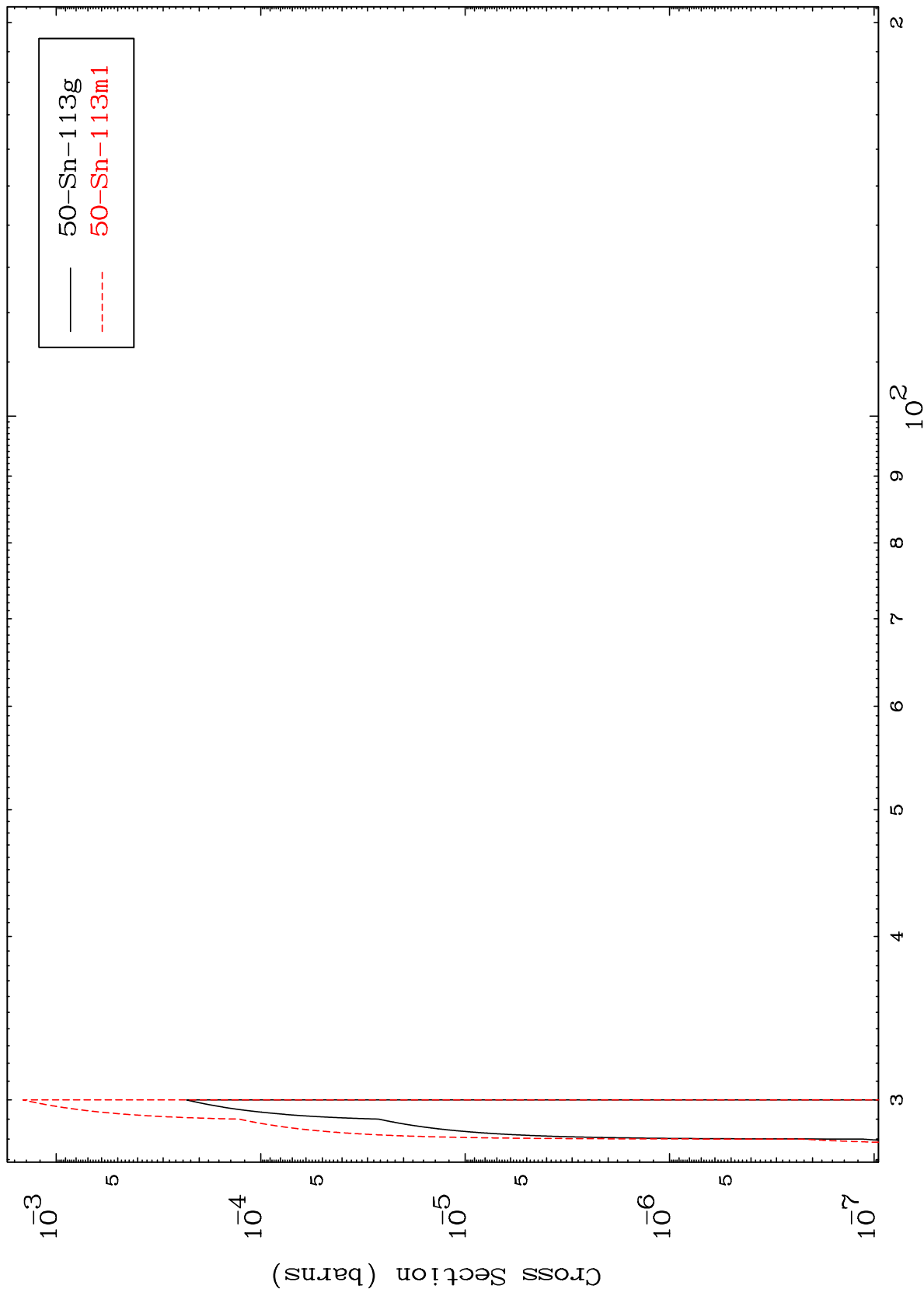




MAT 5037

50-Sn-116

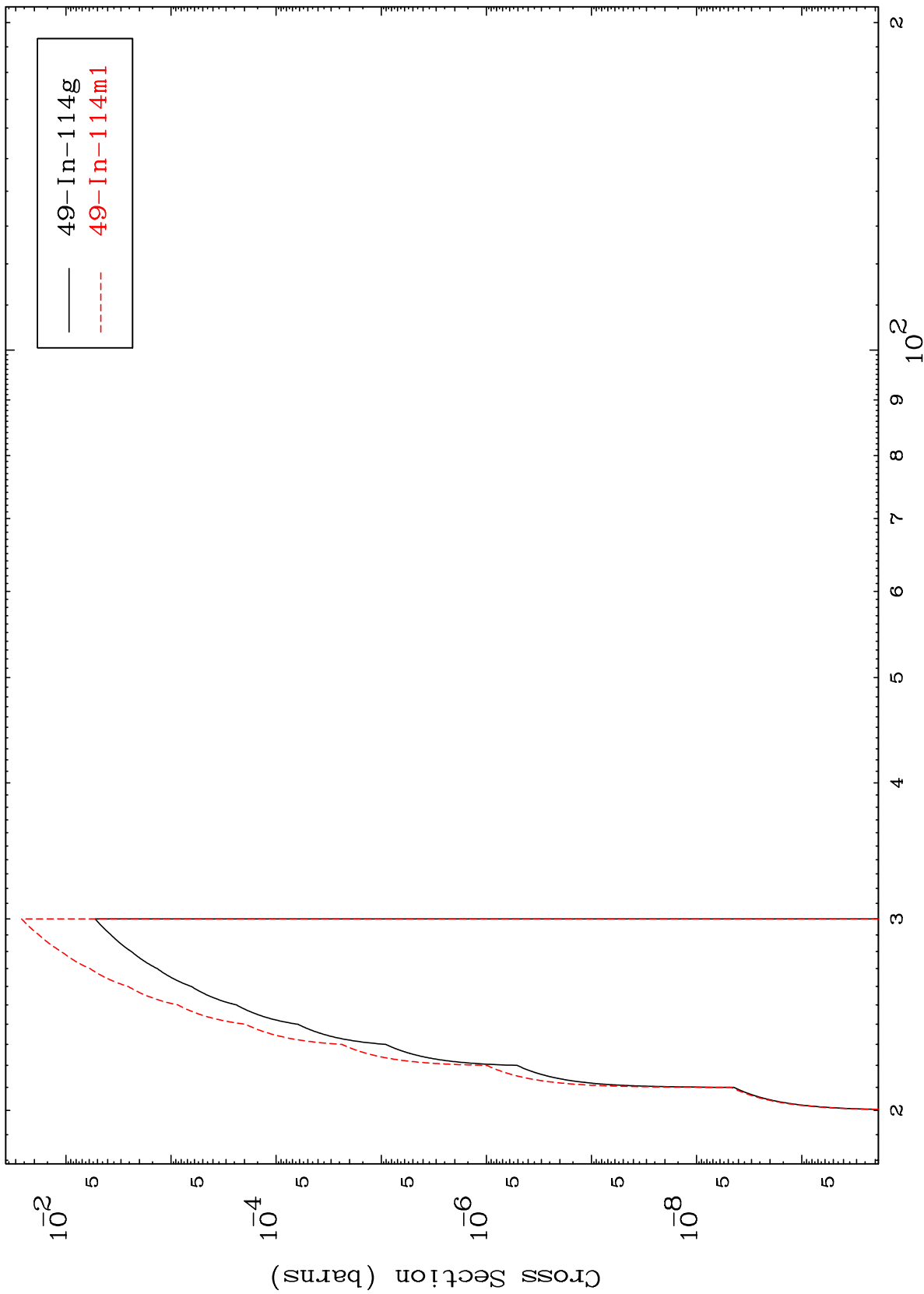
(n,4n)  
Radionuclide Production Cross Section



128

50-Sn-116

(n,2n) p  
Radionuclide Production Cross Section



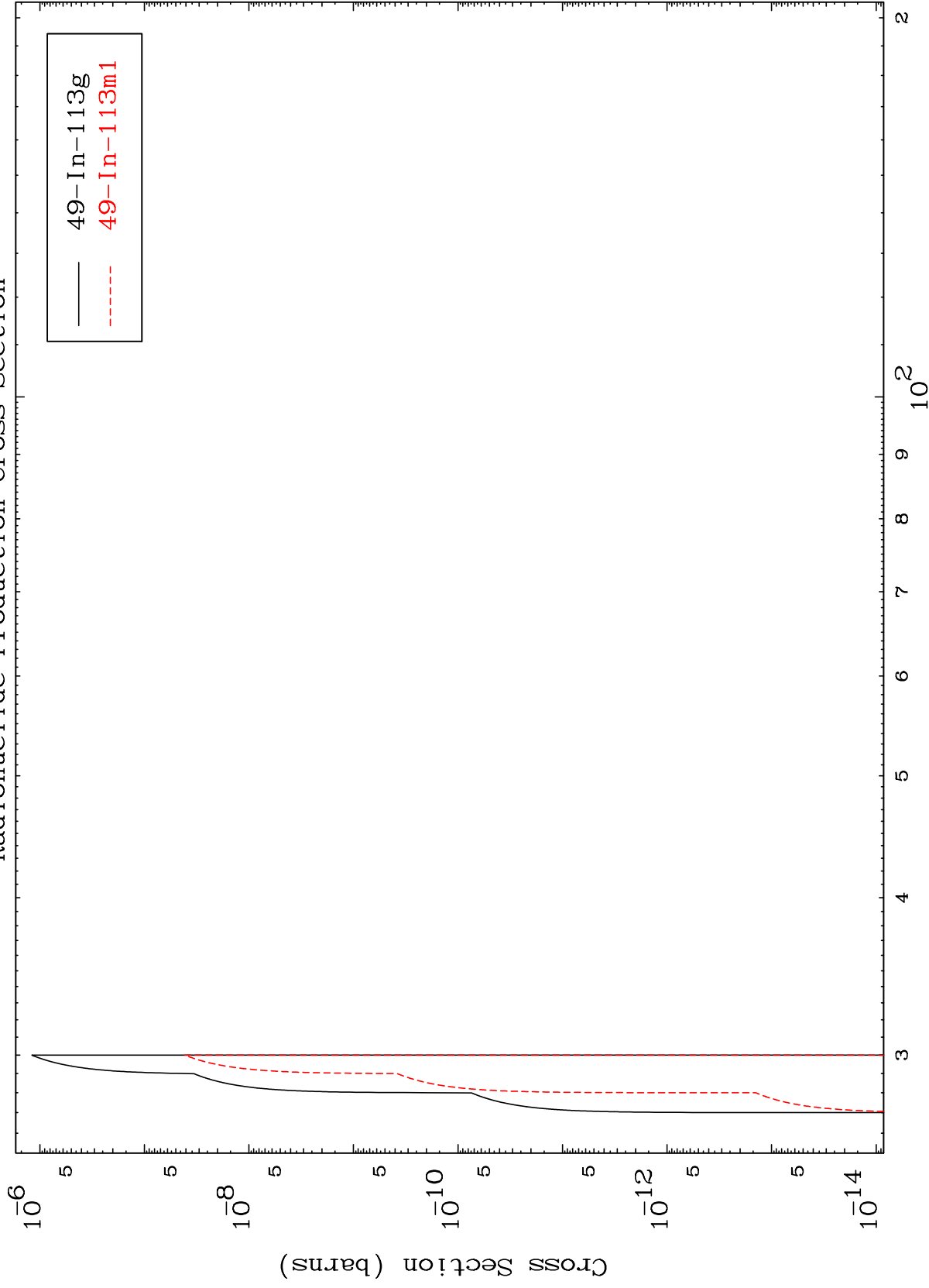
49-In-114g  
49-In-114m1

MAT 5037

(n,3n) p

50-Sn-116

Radionuclide Production Cross Section

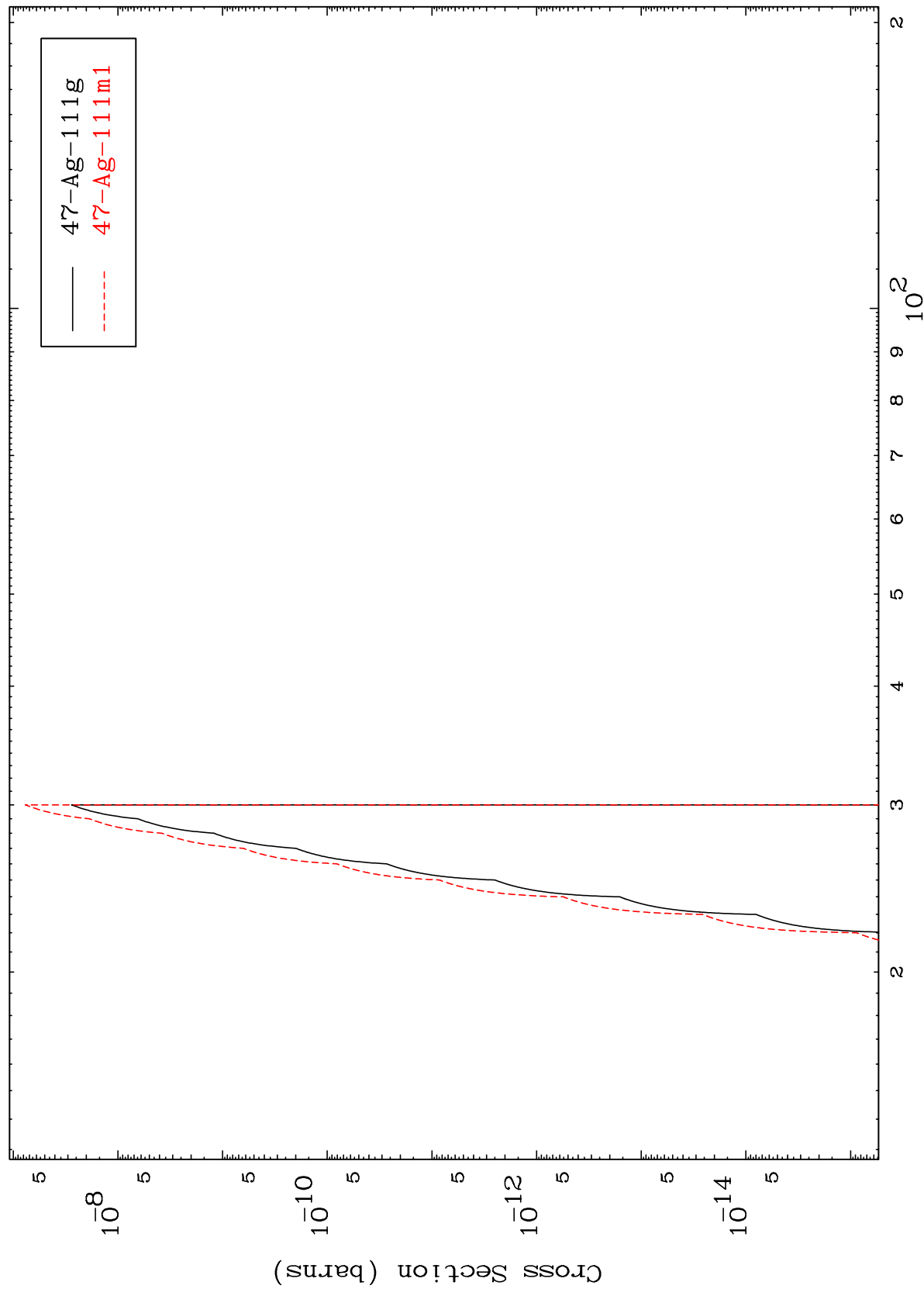


130

Incident Energy (MeV)

50-Sn-116

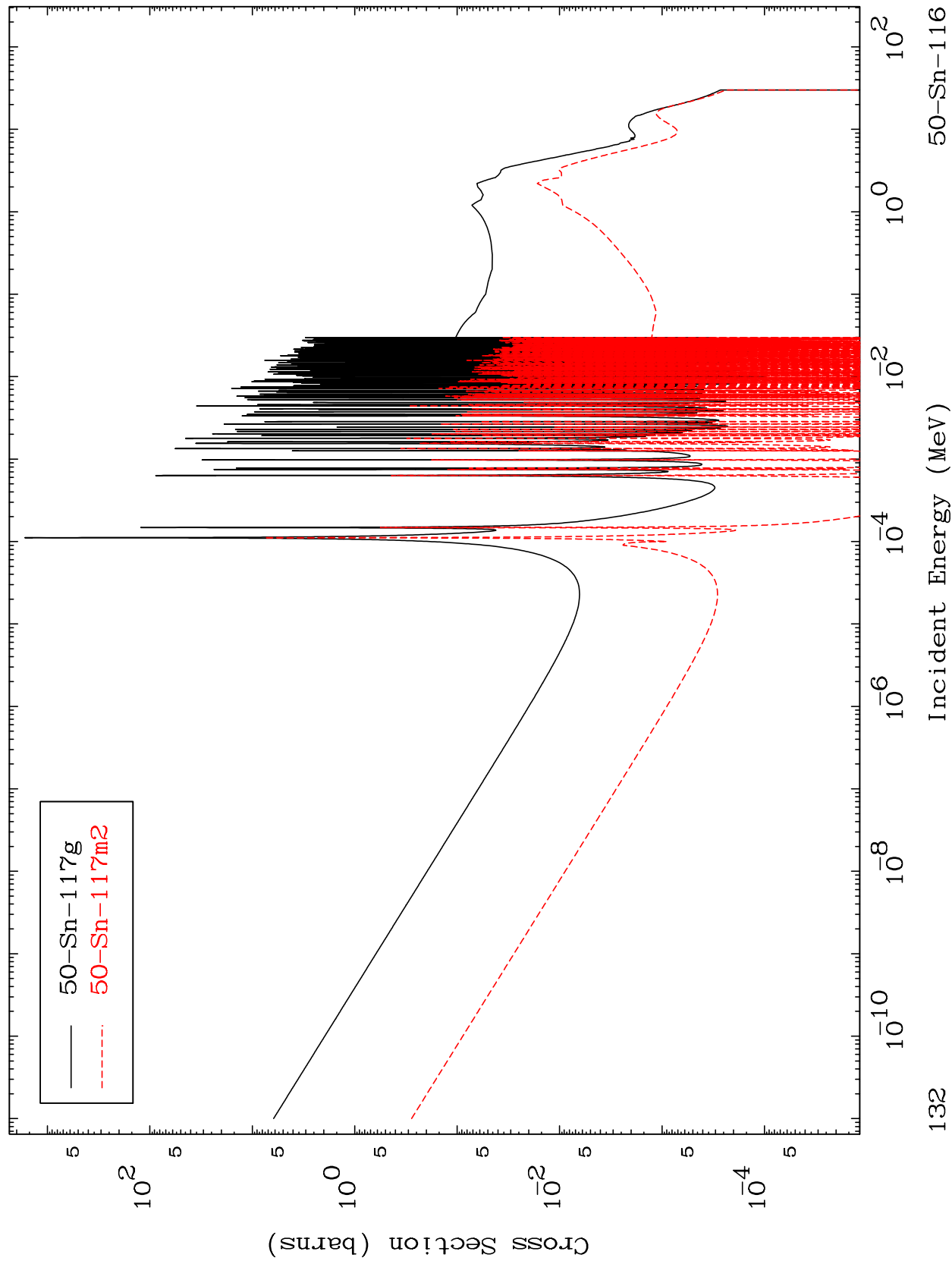
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

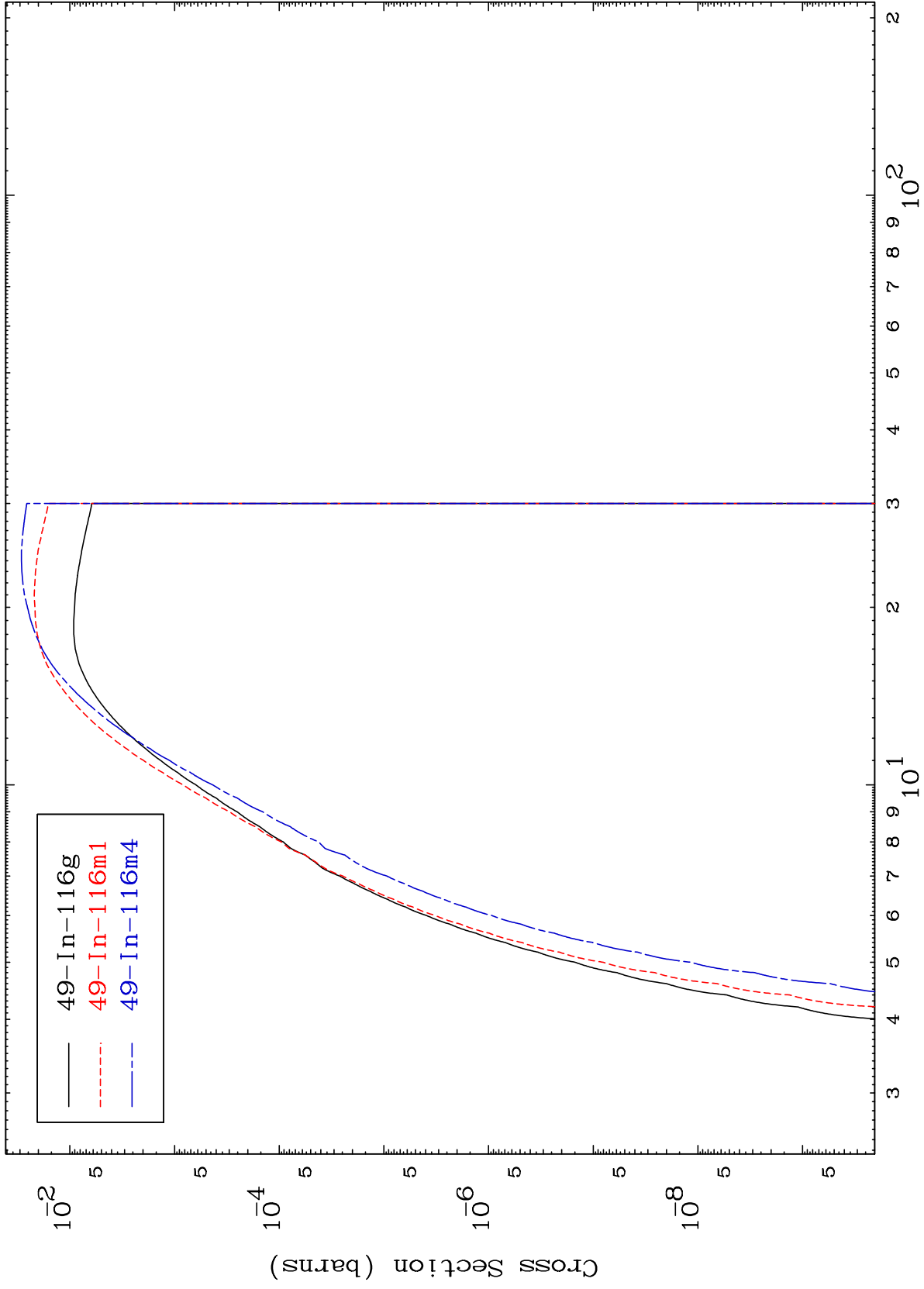
(n,γ)  
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

(n,p)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

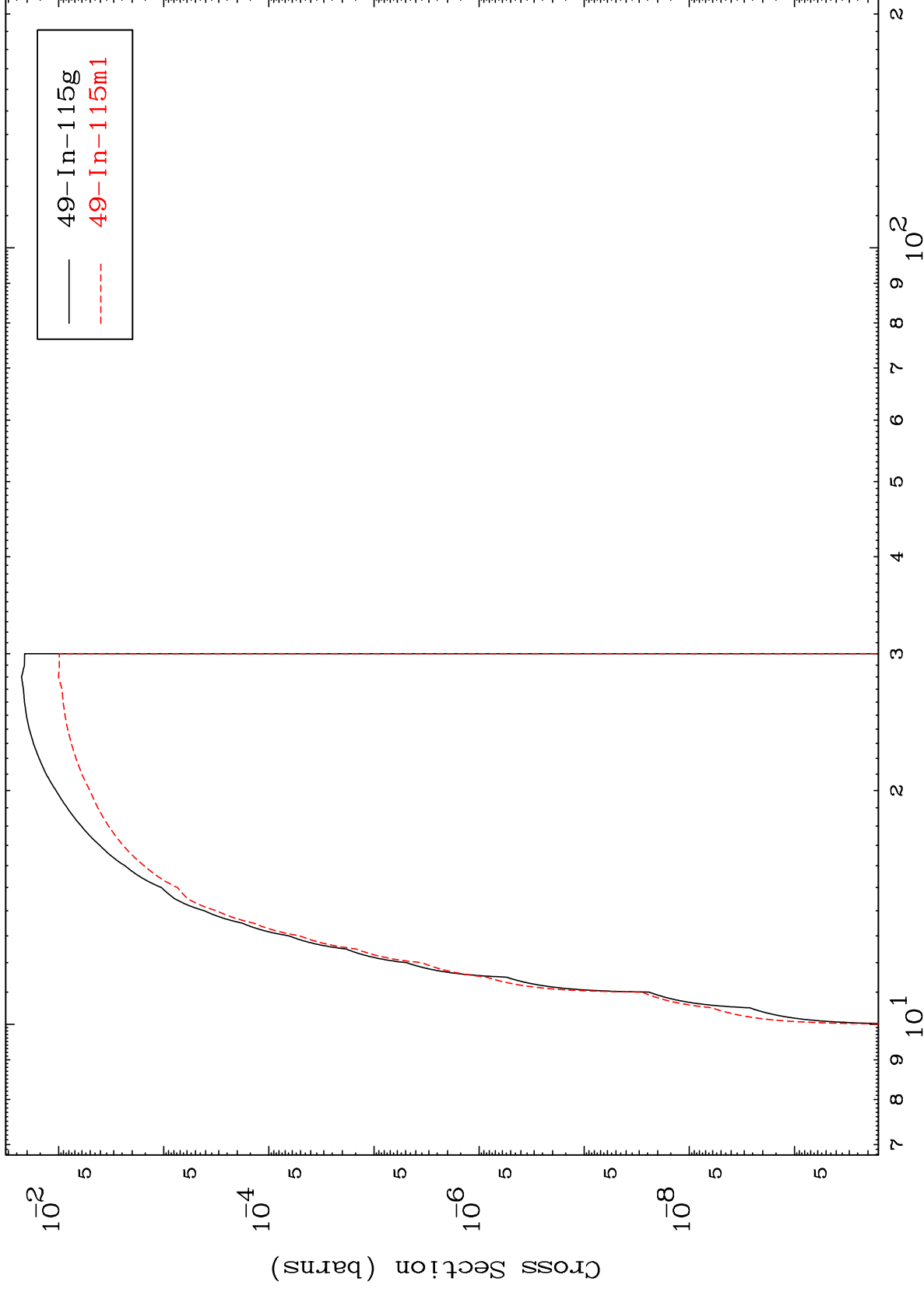
50-Sn-116

MAT 5037

(n,d)

50-Sn-116

Radionuclide Production Cross Section



134

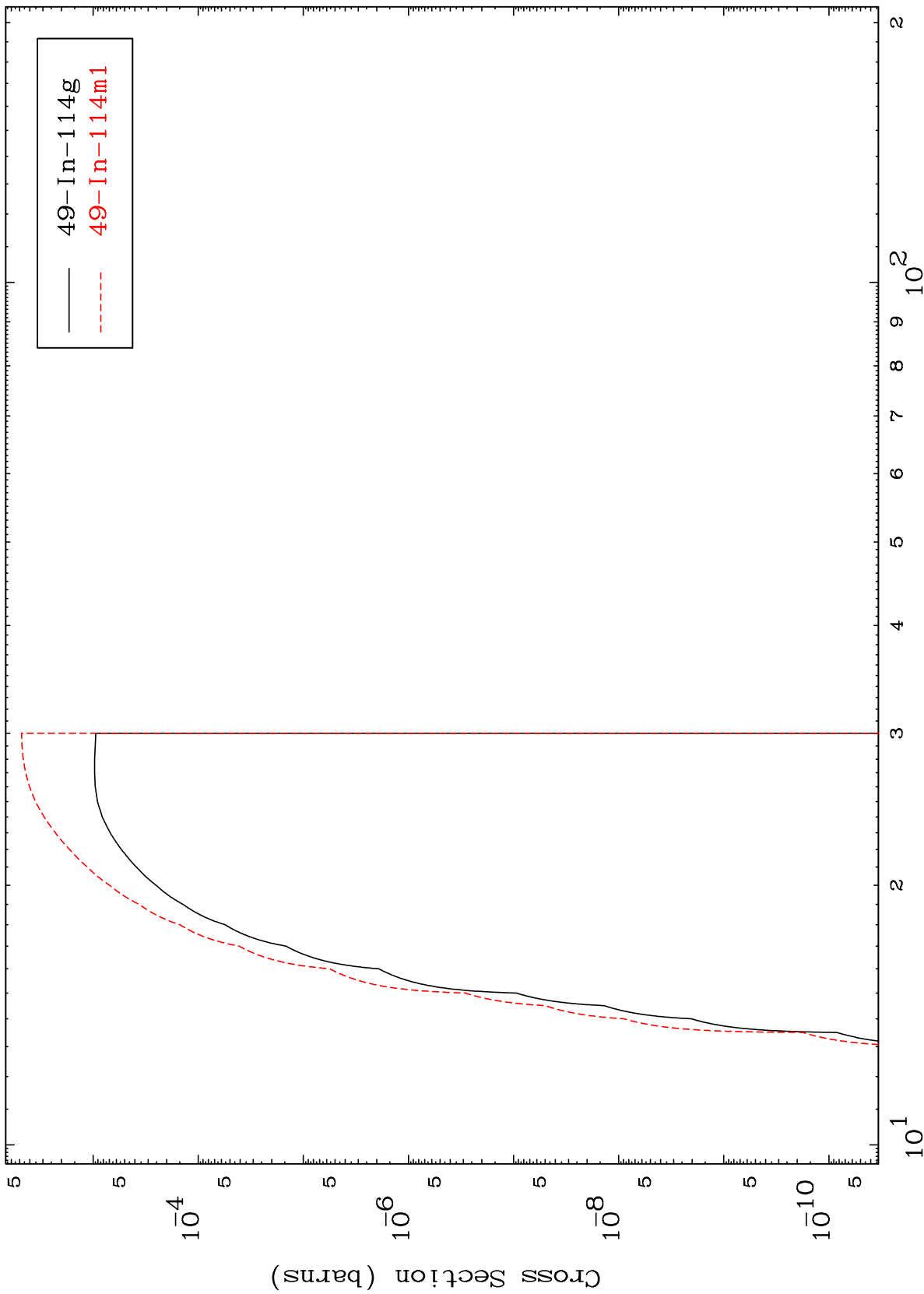
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n,t)  
Radionuclide Production Cross Section



50-Sn-116

Incident Energy (MeV)

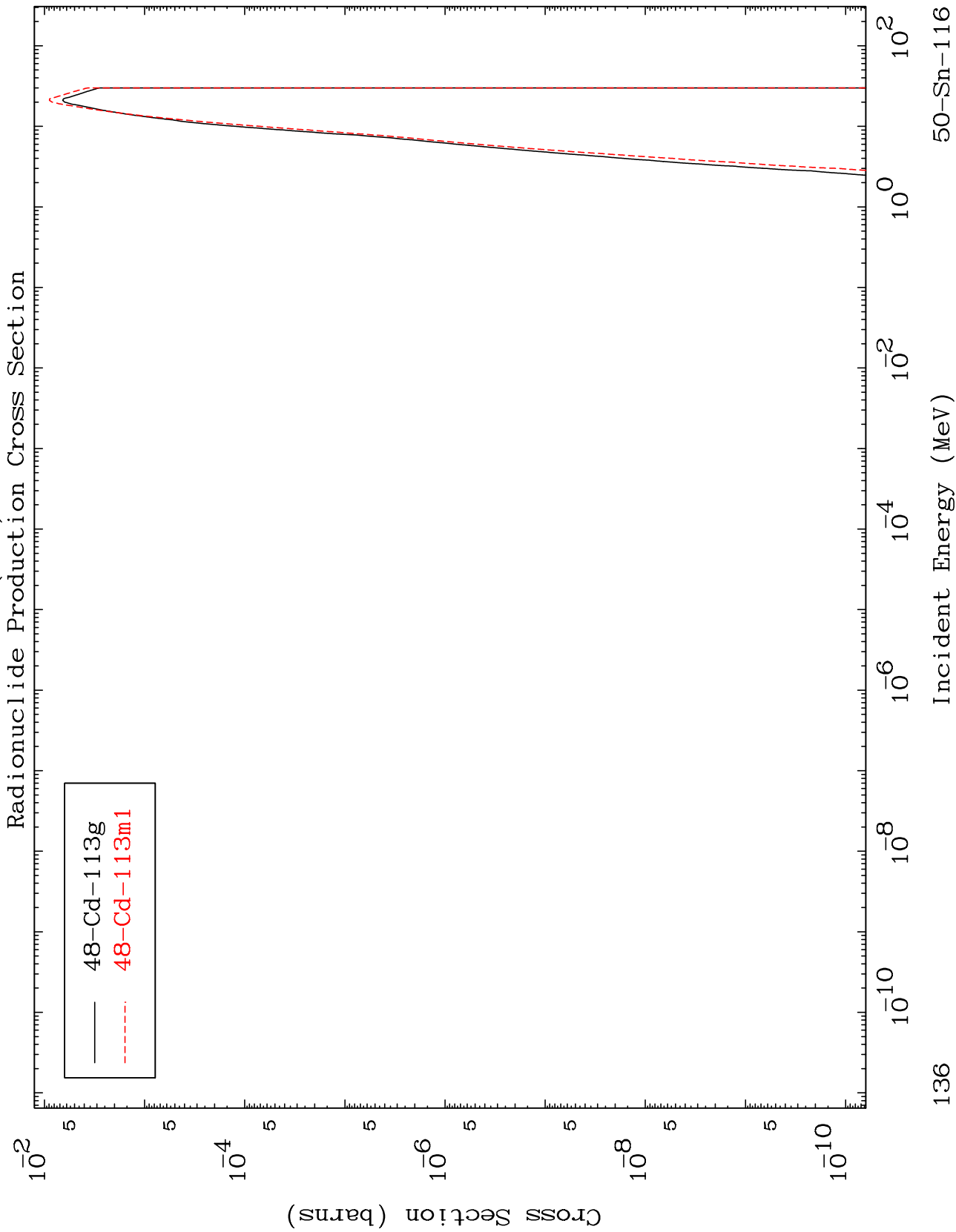
135



MAT 5037

50-Sn-116

Radionuclide Production Cross Section

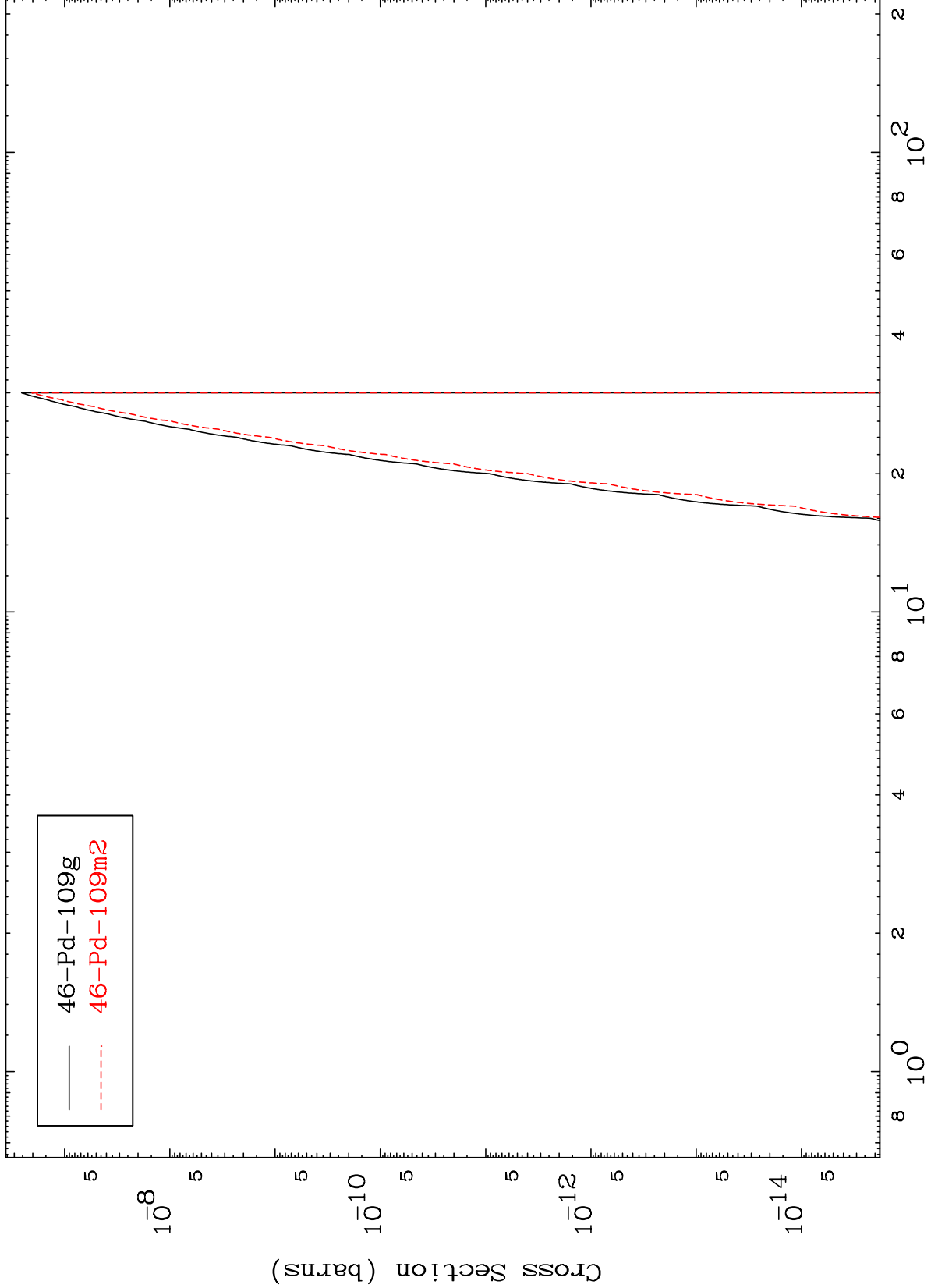
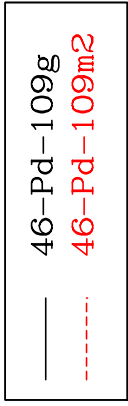


MAT 5037

(n,2α)

50-Sn-116

Radionuclide Production Cross Section



137

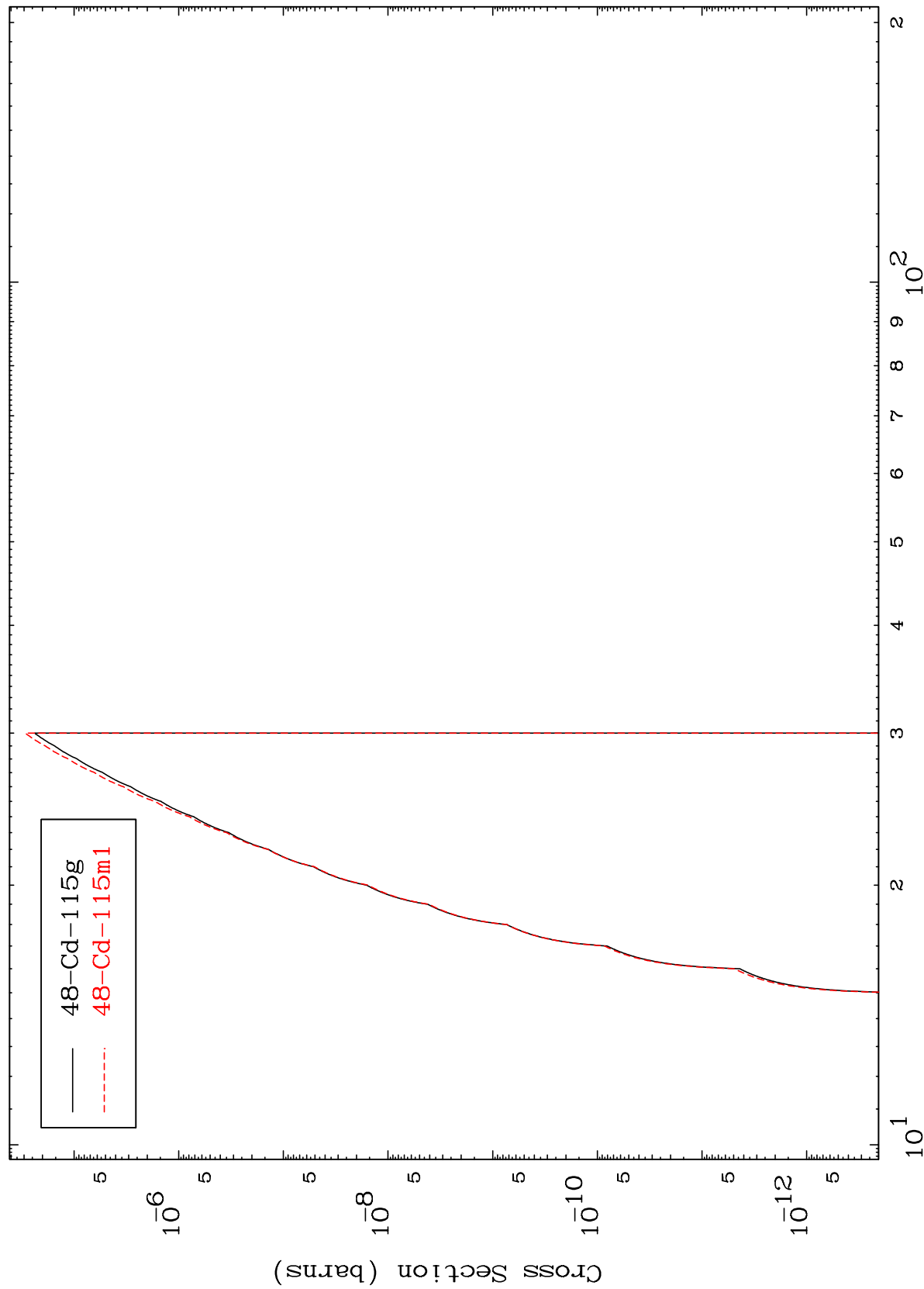
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n,2p)  
Radionuclide Production Cross Section

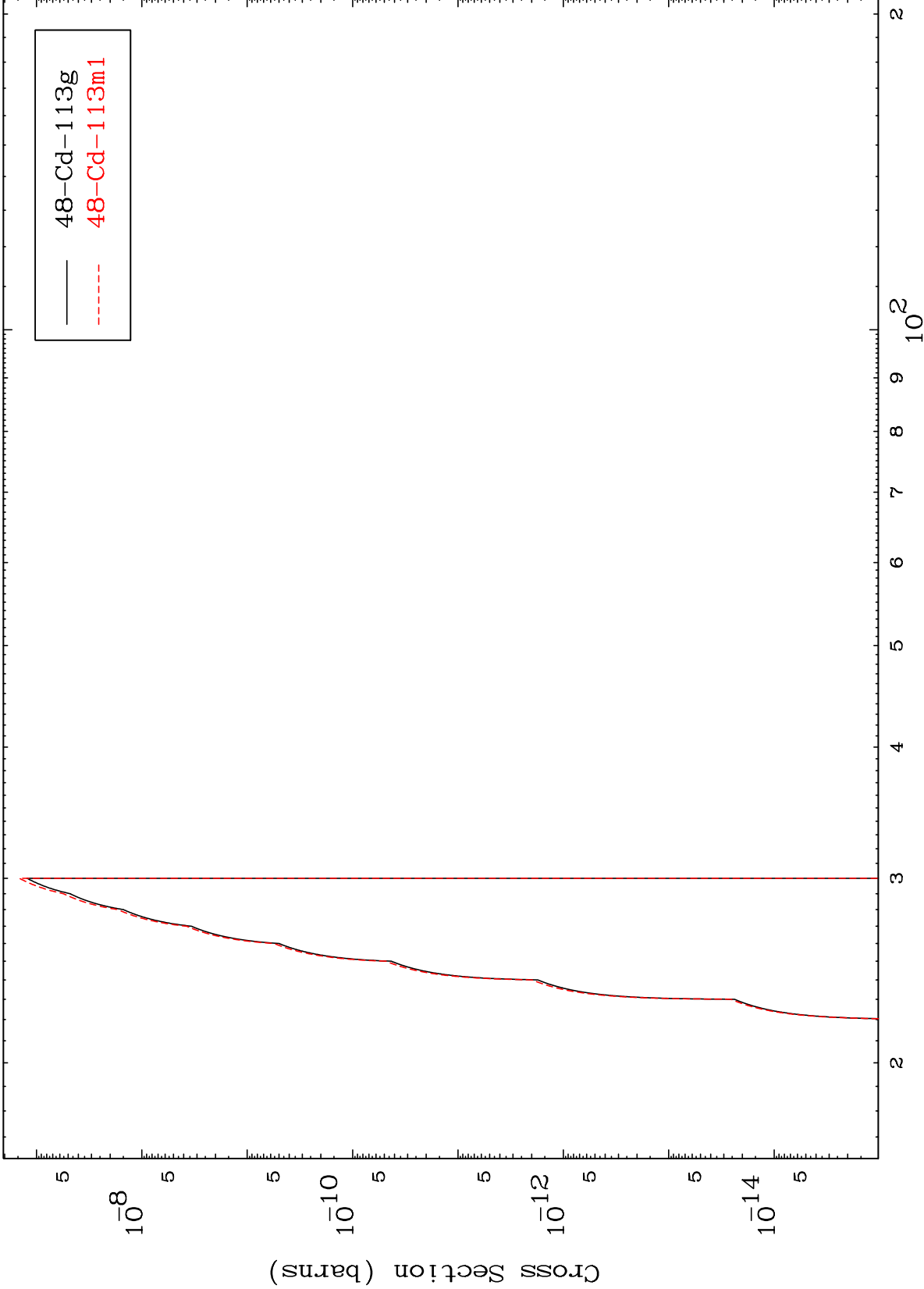


50-Sn-116

Incident Energy (MeV)

138

Radionuclide Production Cross Section

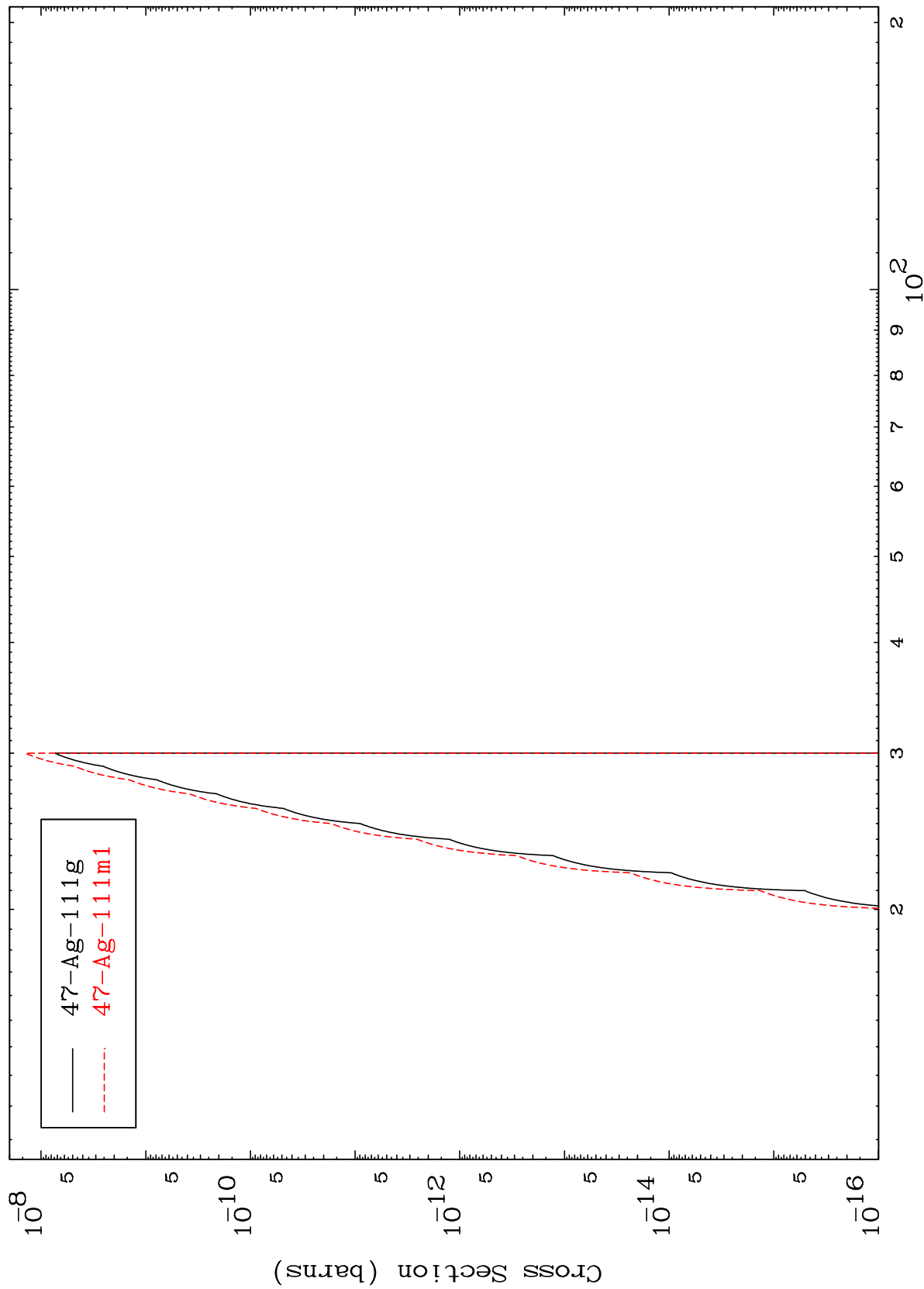


MAT 5037

50-Sn-116

(n,d)  $\alpha$

Radionuclide Production Cross Section



47-Ag-111g  
47-Ag-111m1

140

Incident Energy (MeV)

50-Sn-116