

Program EVALPLOT  
(Version 2018-1)

by

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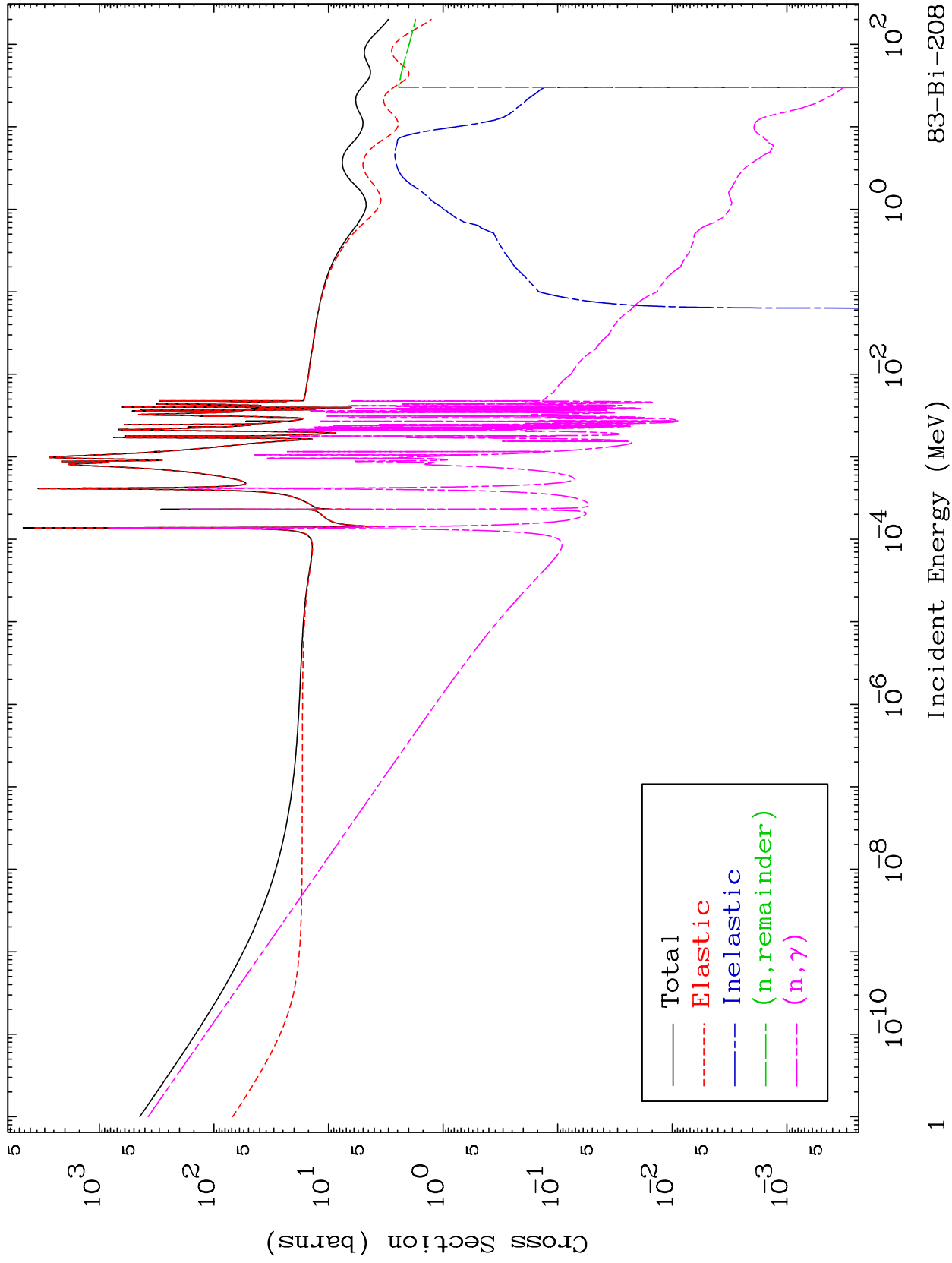
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8322

Major  
293 Kelvin Cross Sections

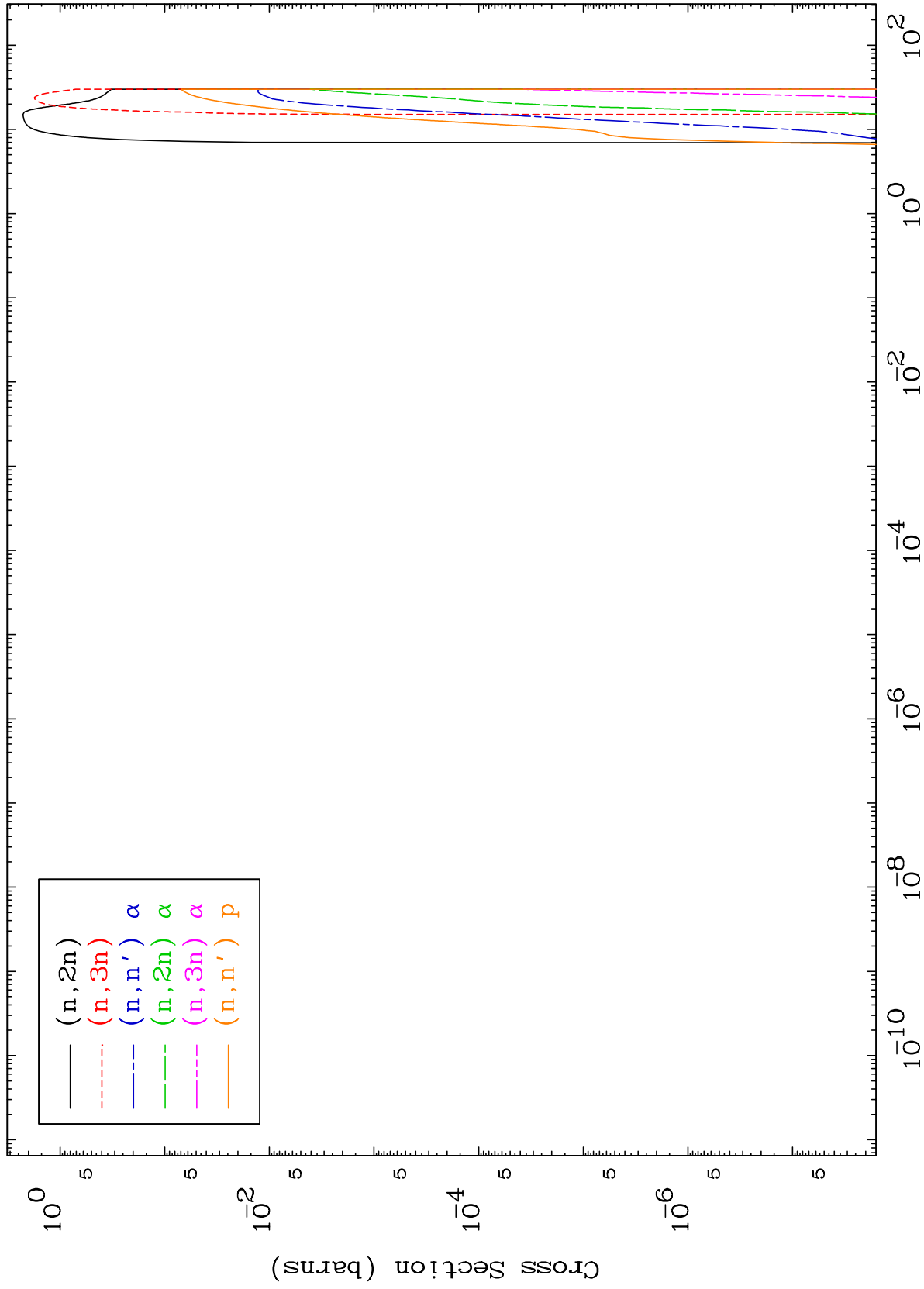
83-Bi-208



MAT 8322

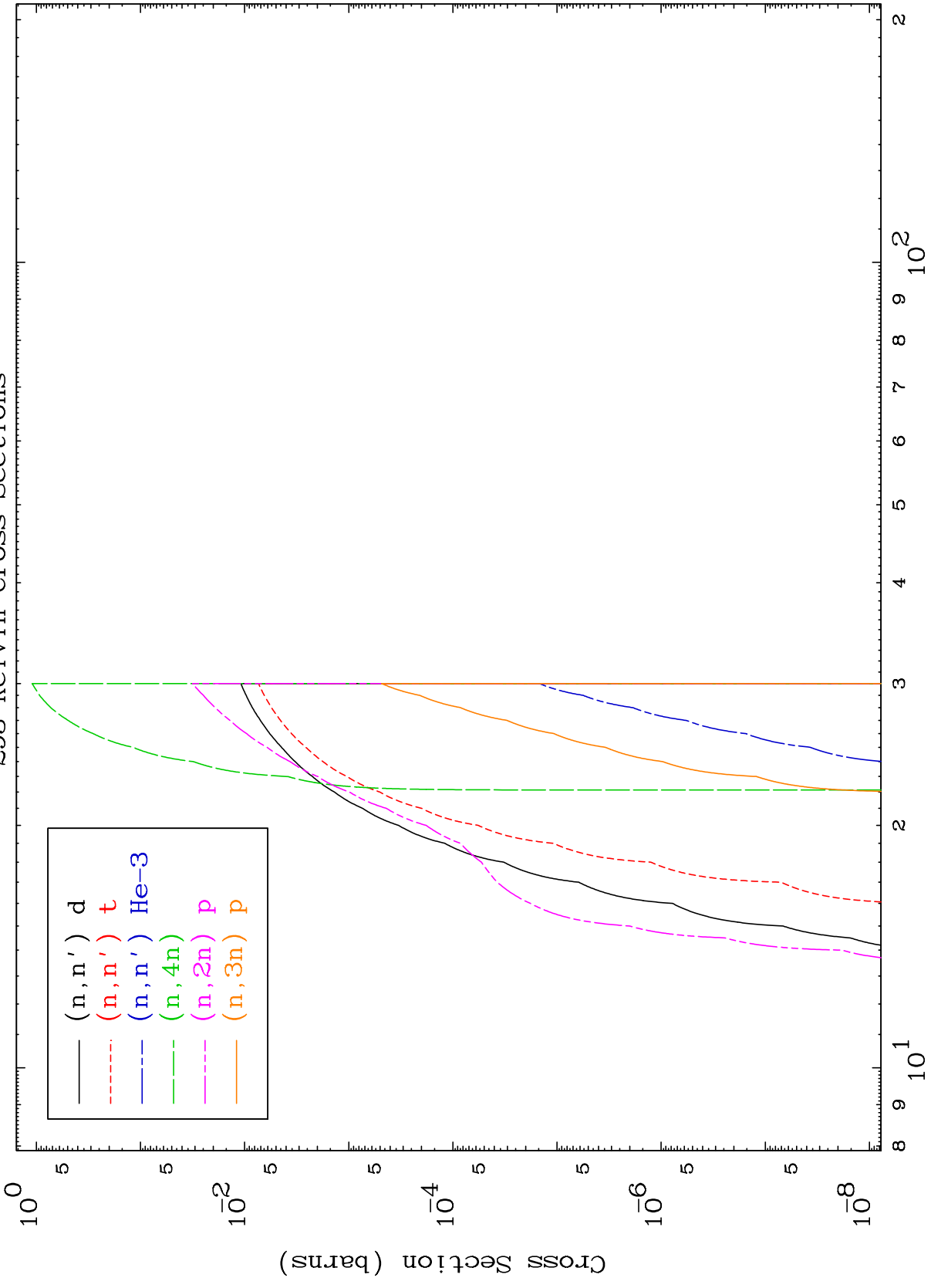
Neutron Production  
293 Kelvin Cross Sections

83-Bi-208



2

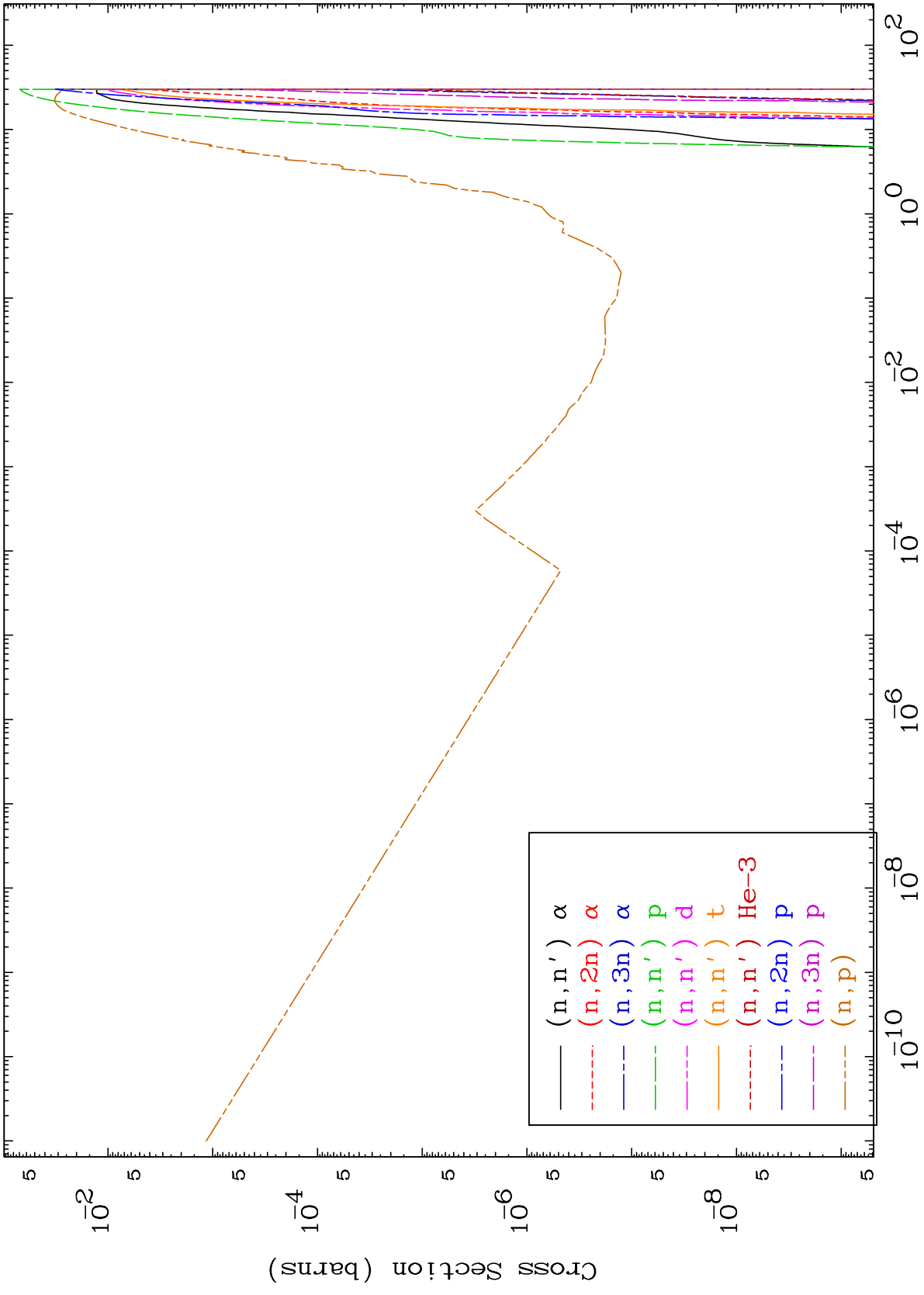
83-Bi-208



MAT 8322

293 Kelvin Cross Sections

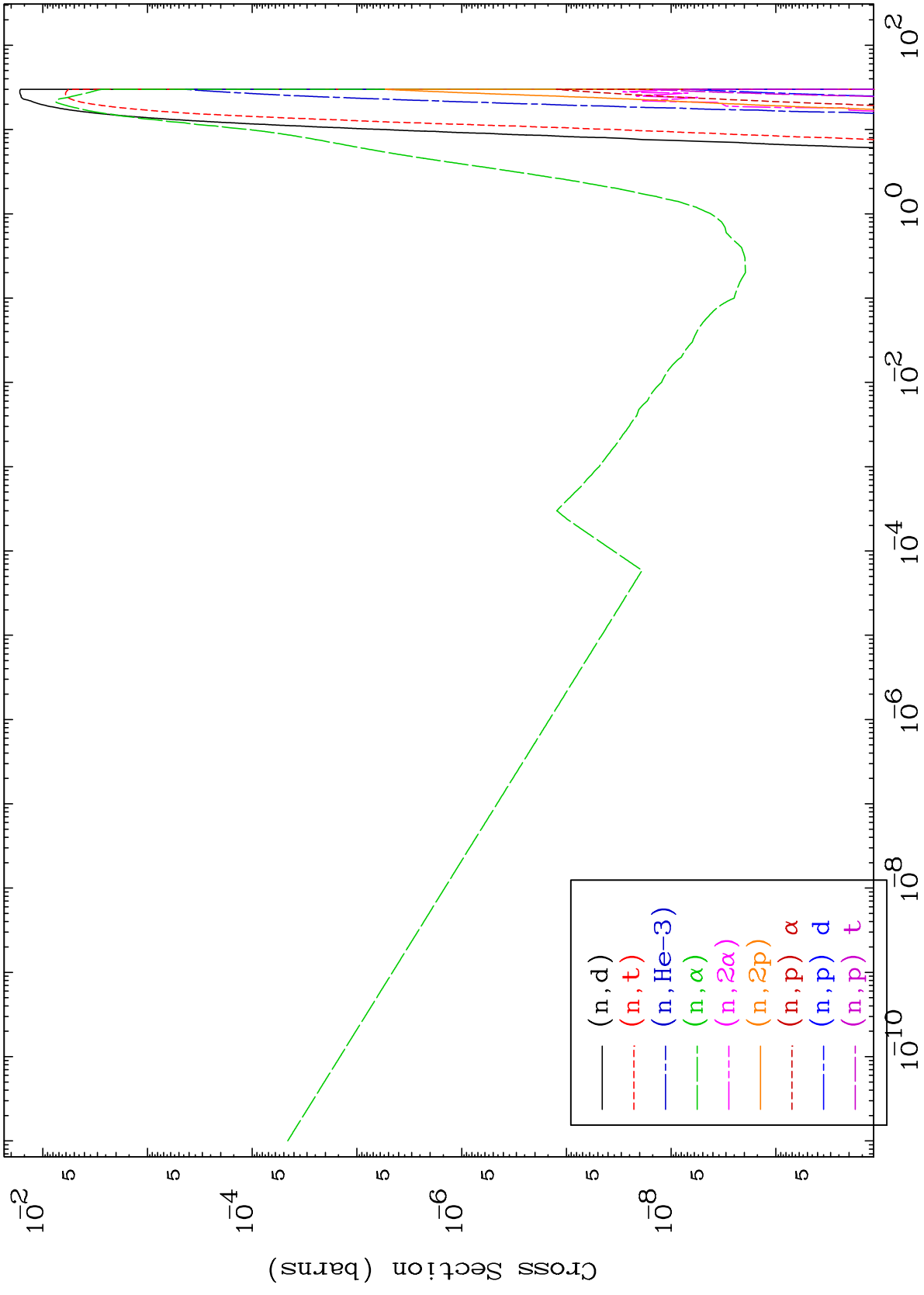
83-Bi-208



MAT 8322

Charged Particle  
293 Kelvin Cross Sections

83-Bi-208

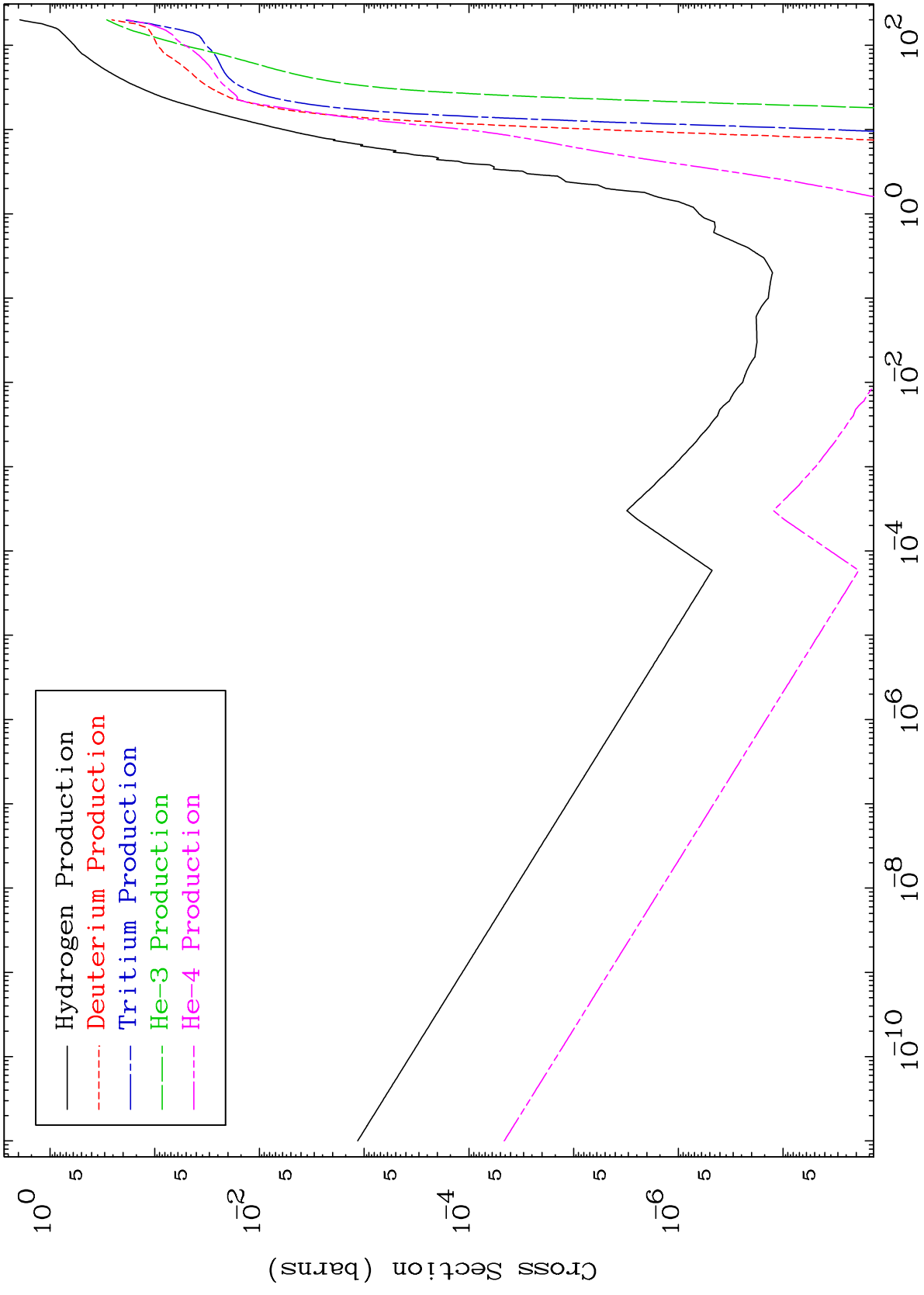


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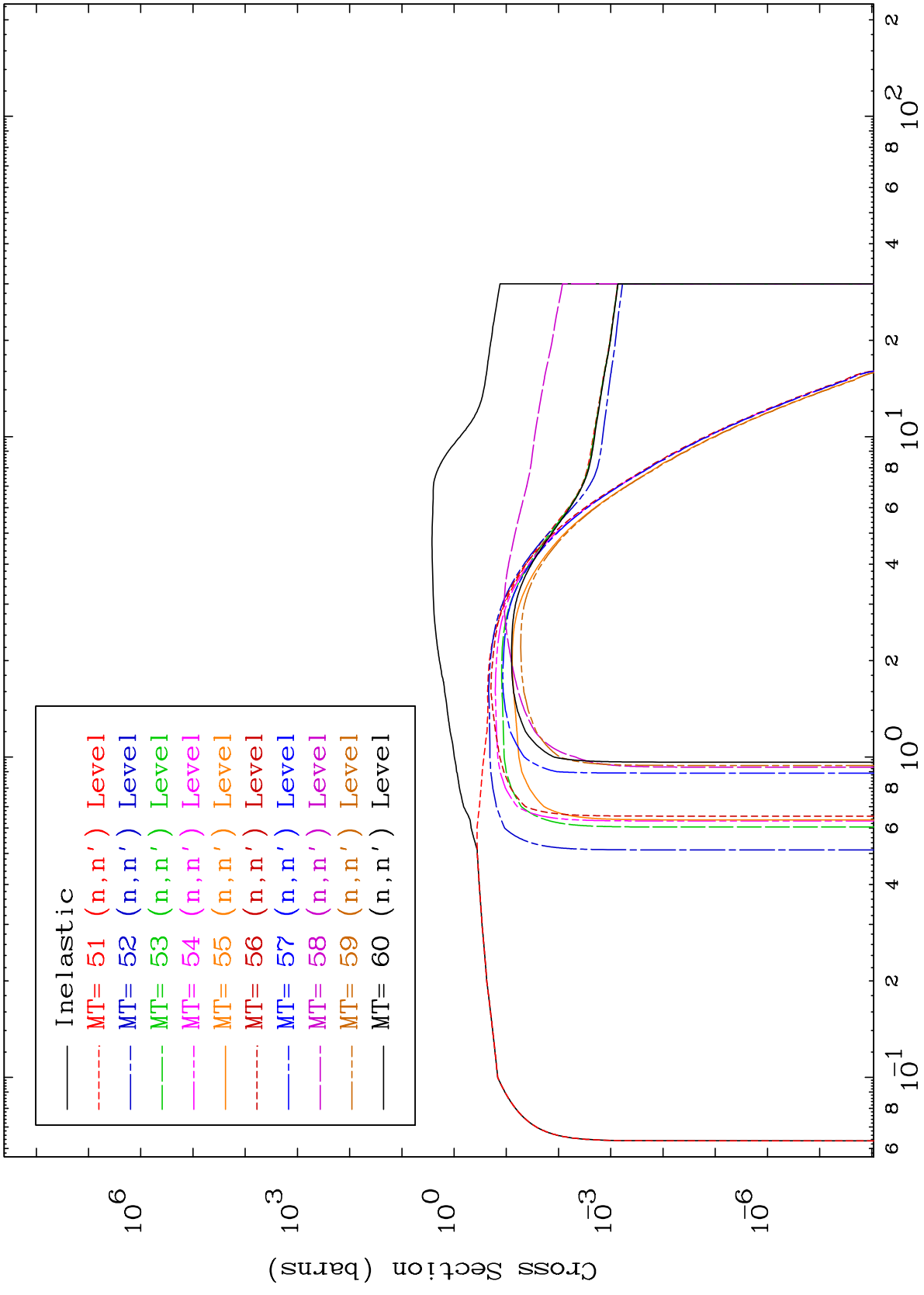
MAT 8322

Particle Production  
293 Kelvin Cross Sections

83-Bi-208



83-Bi-208



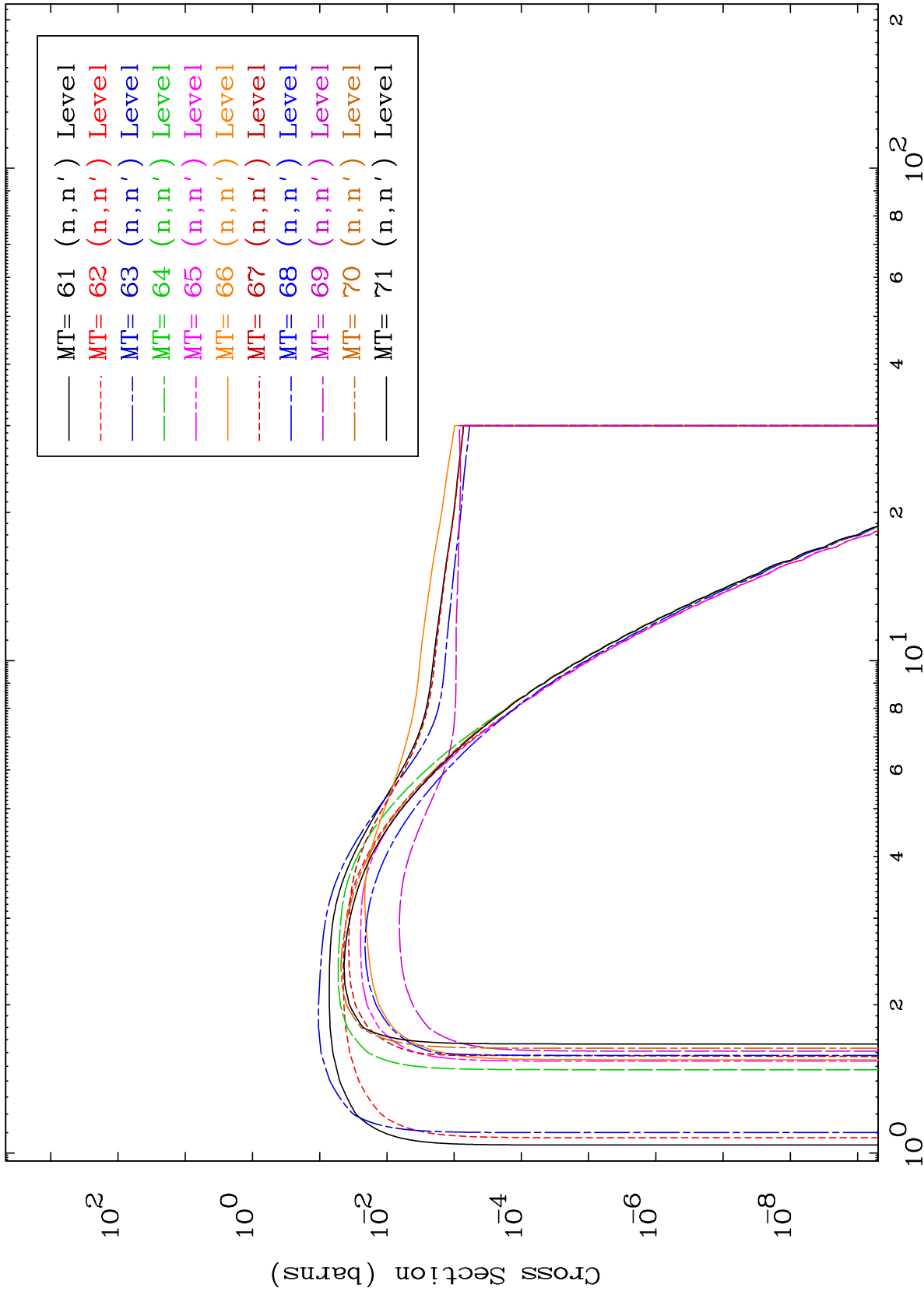


MAT 8322

(n,n') Level

83-Bi-208

293 Kelvin Cross Sections



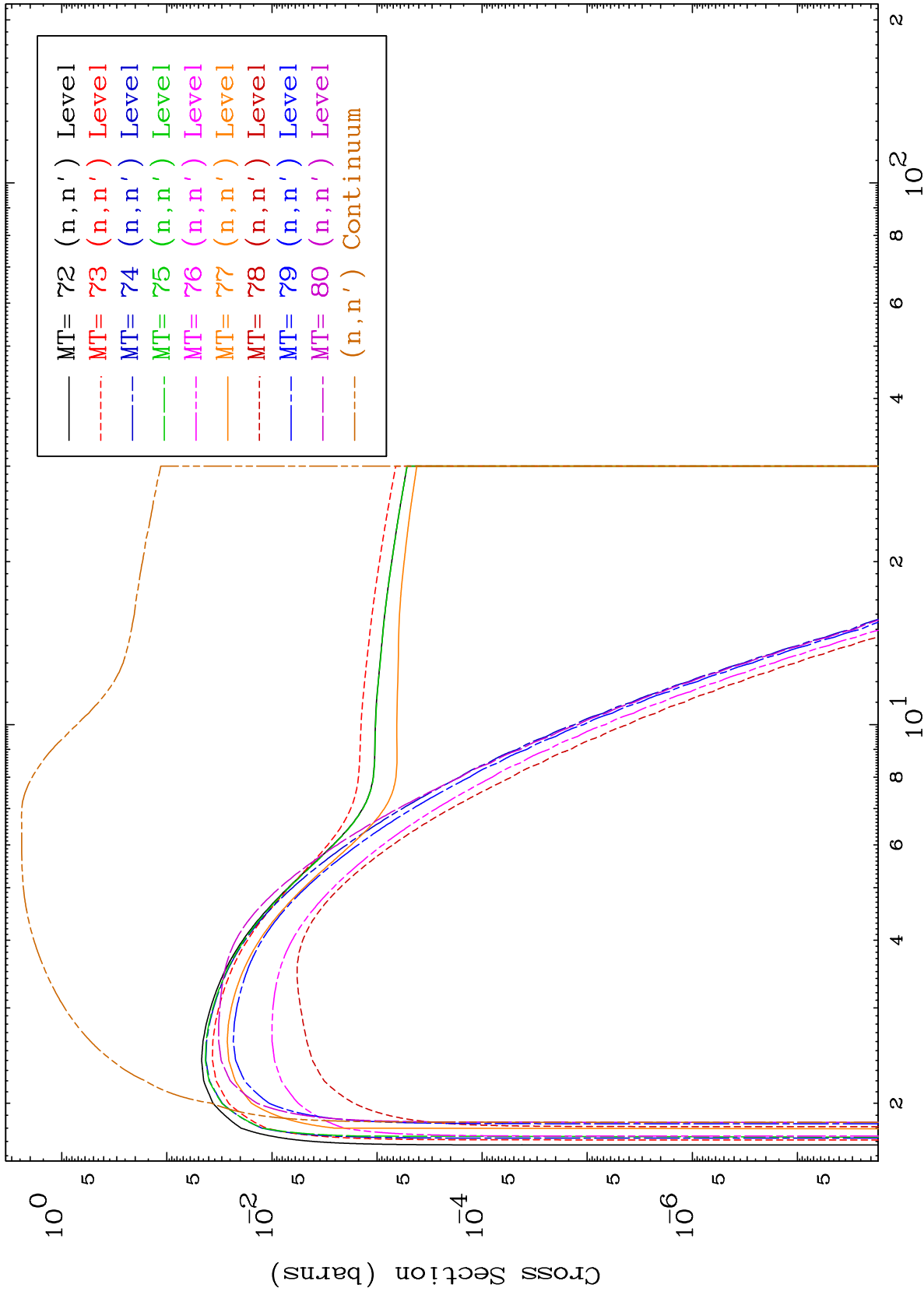
Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-208



9

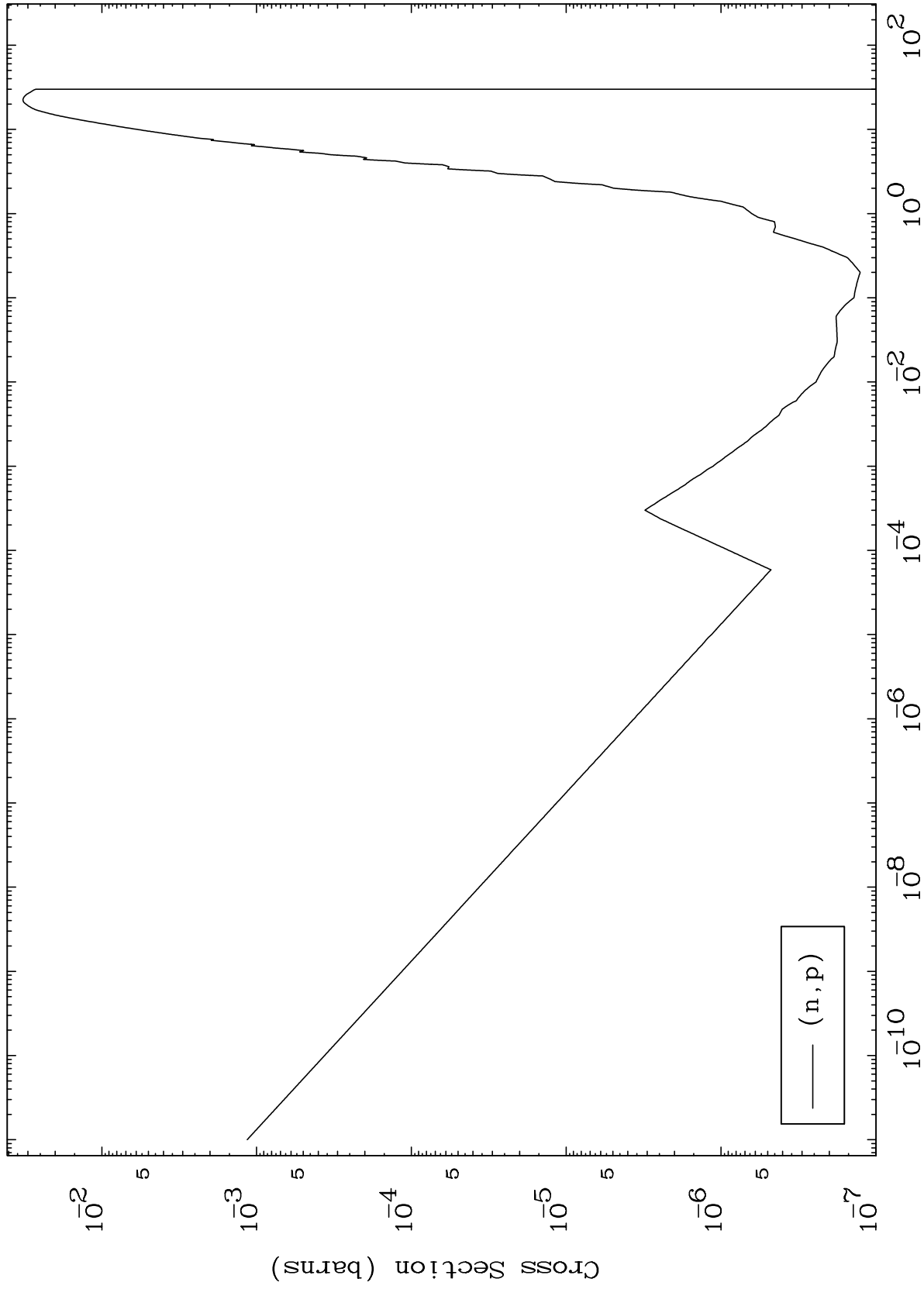
Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-208



10

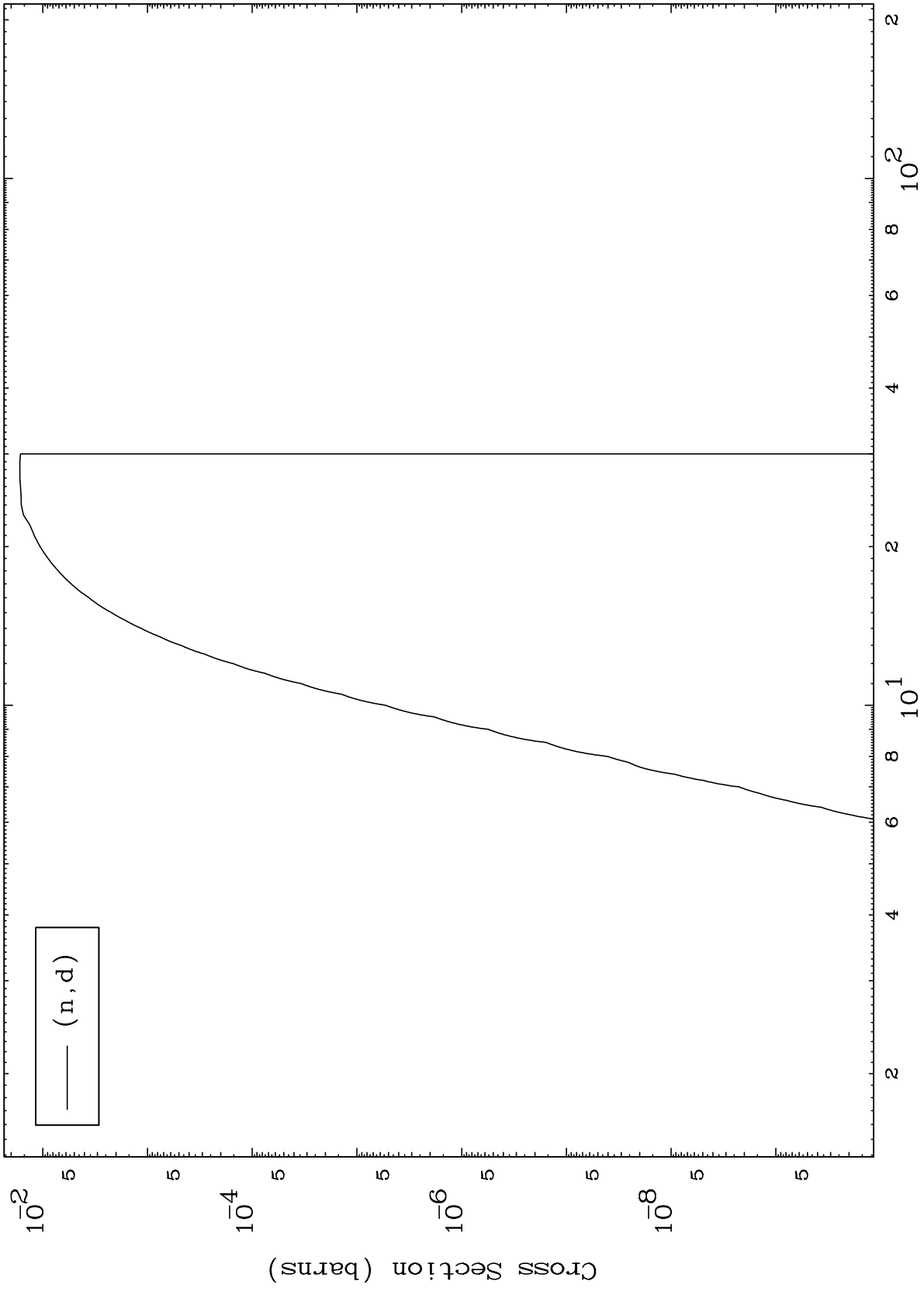
Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-208



11

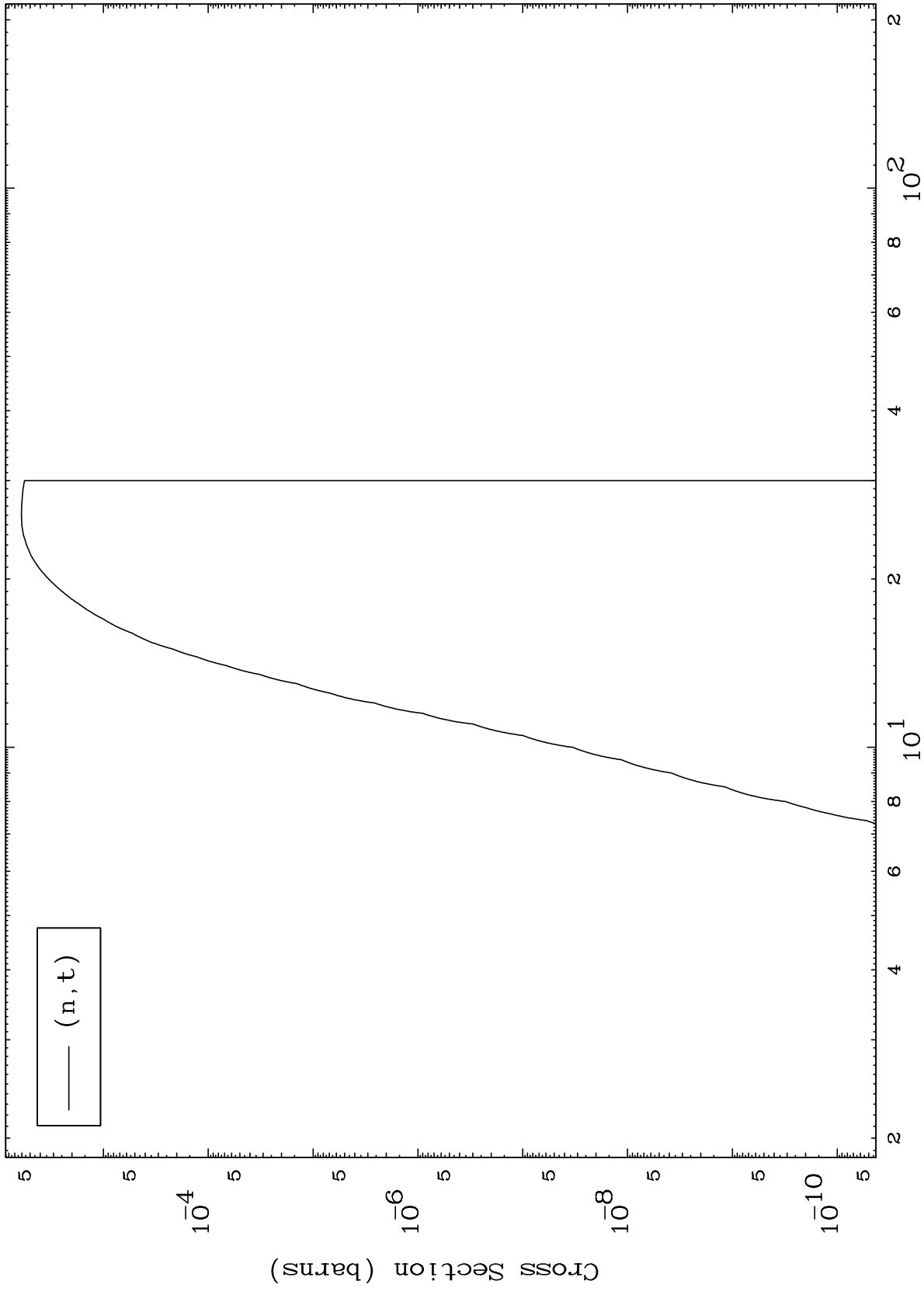
Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-208



12

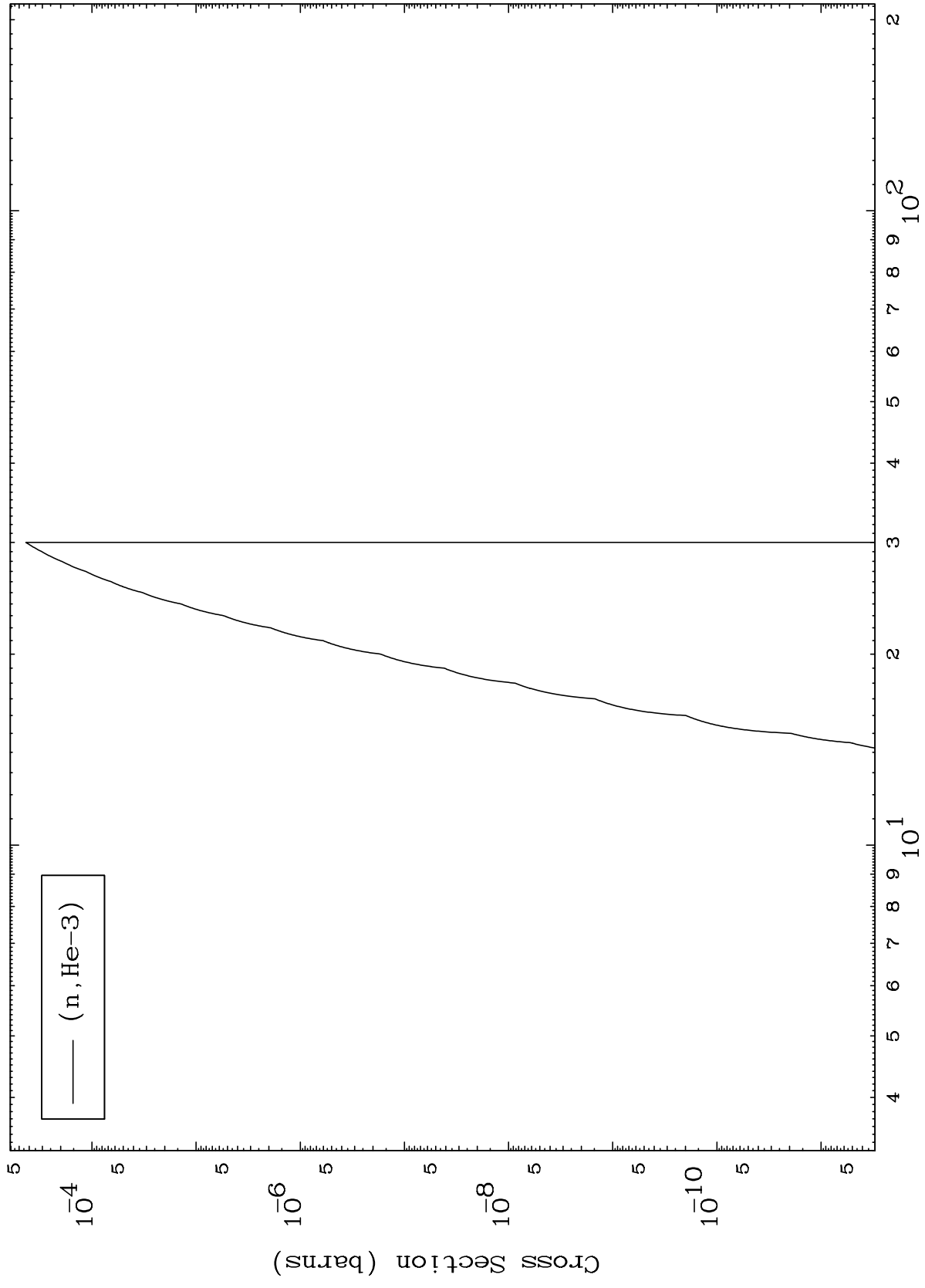
Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-208



13

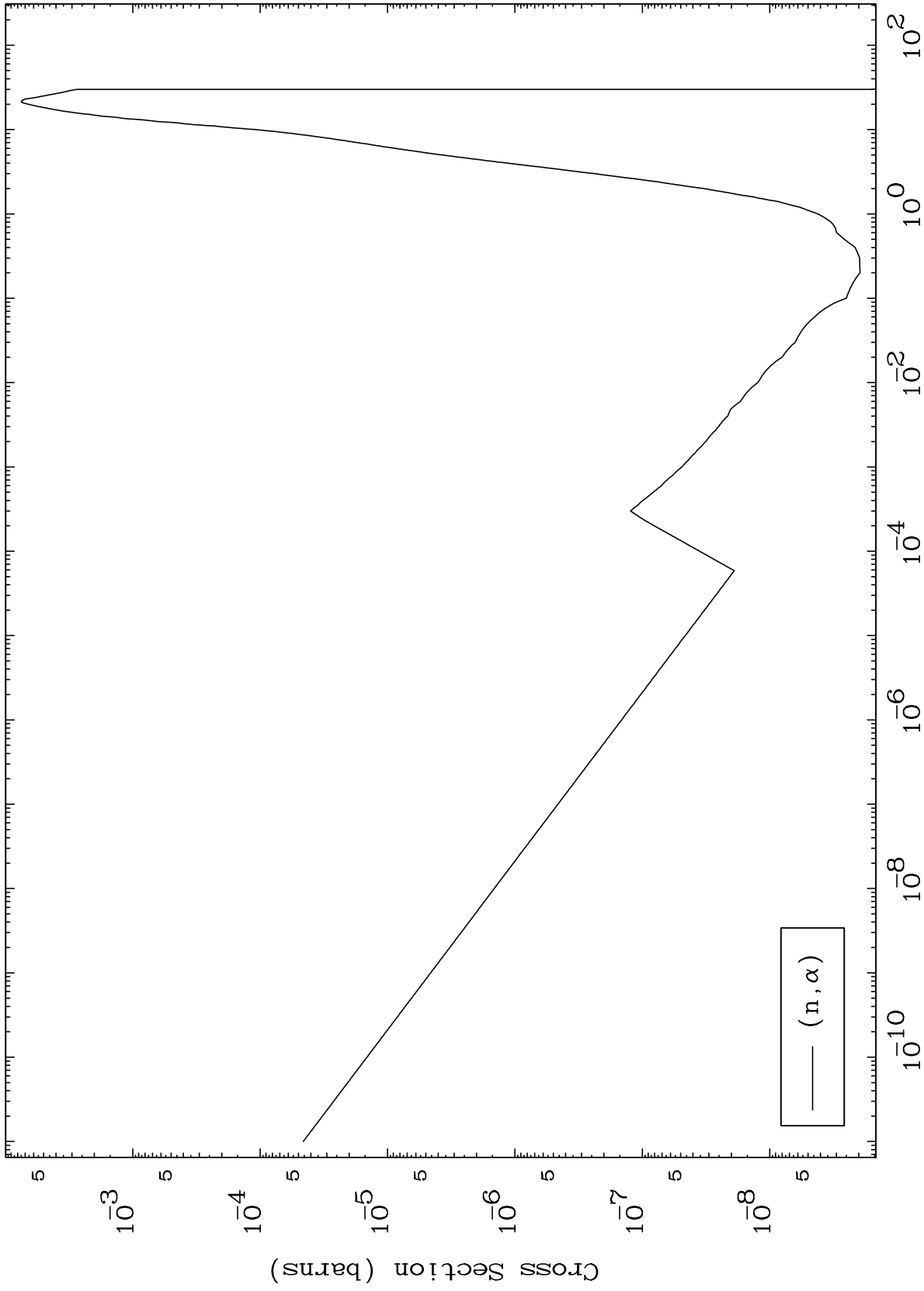
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

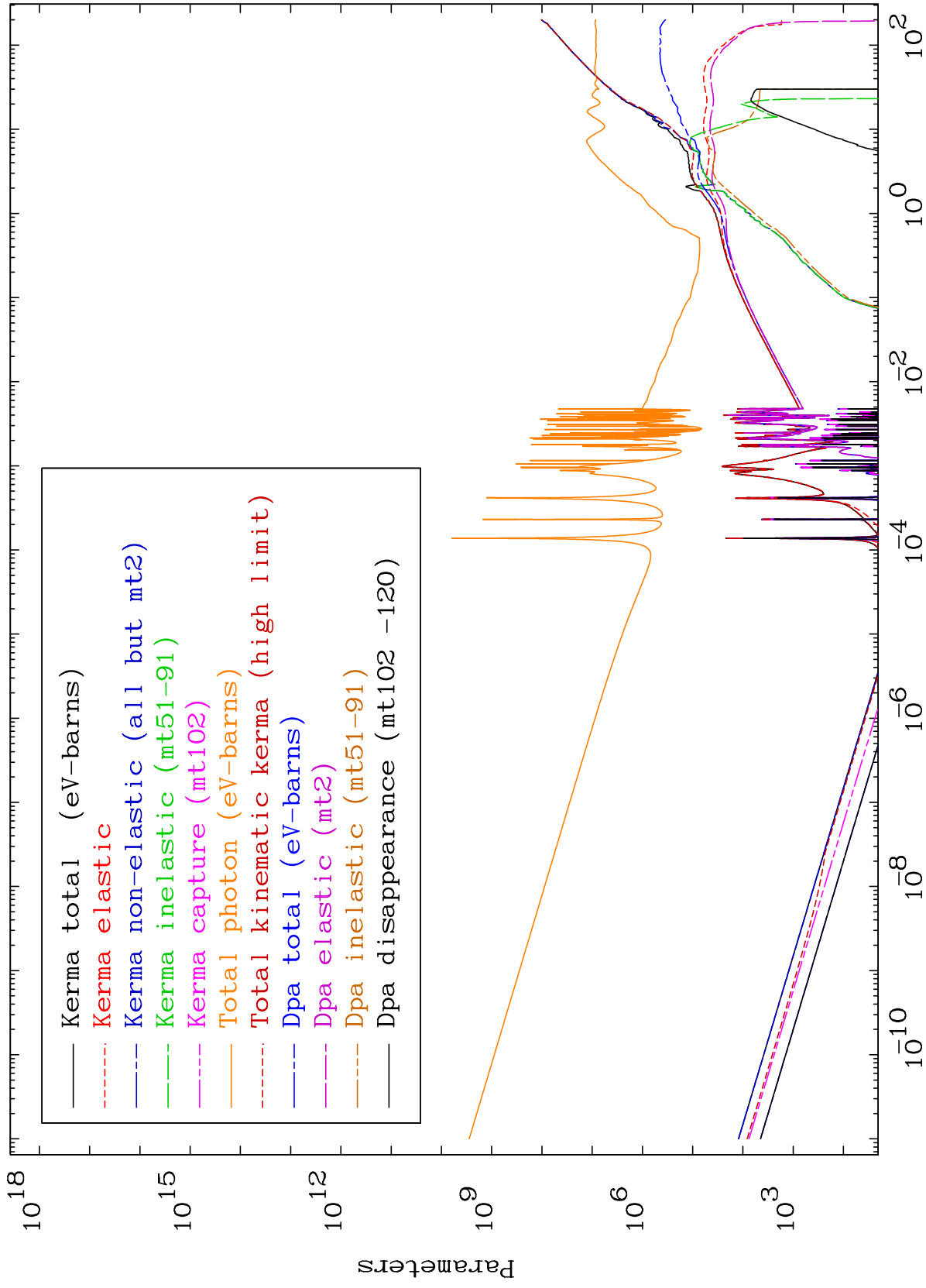
83-Bi-208



14

Incident Energy (MeV)

83-Bi-208

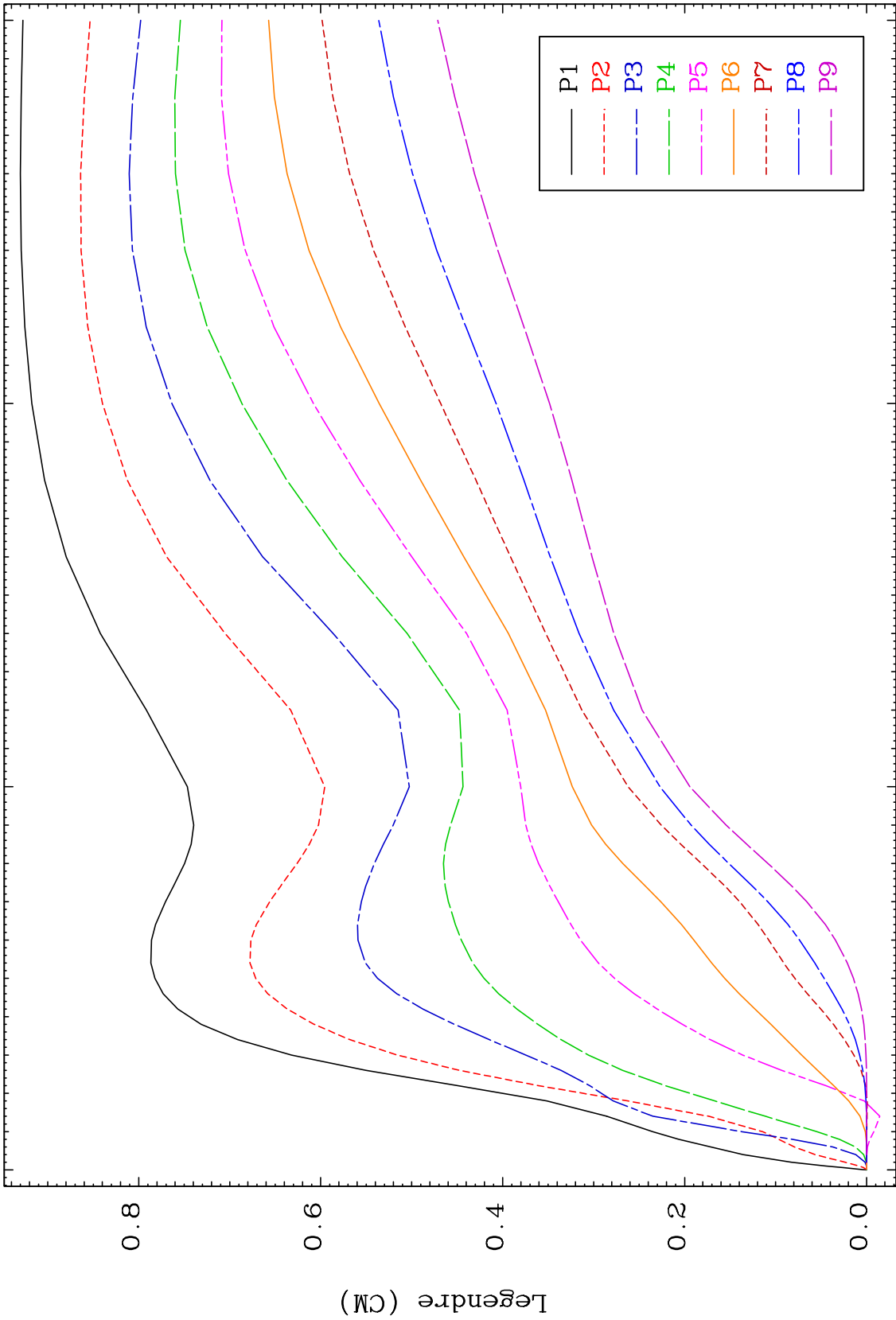




MAT 8322

83-Bi-208

Elastic Legendre Coefficients



83-Bi-208

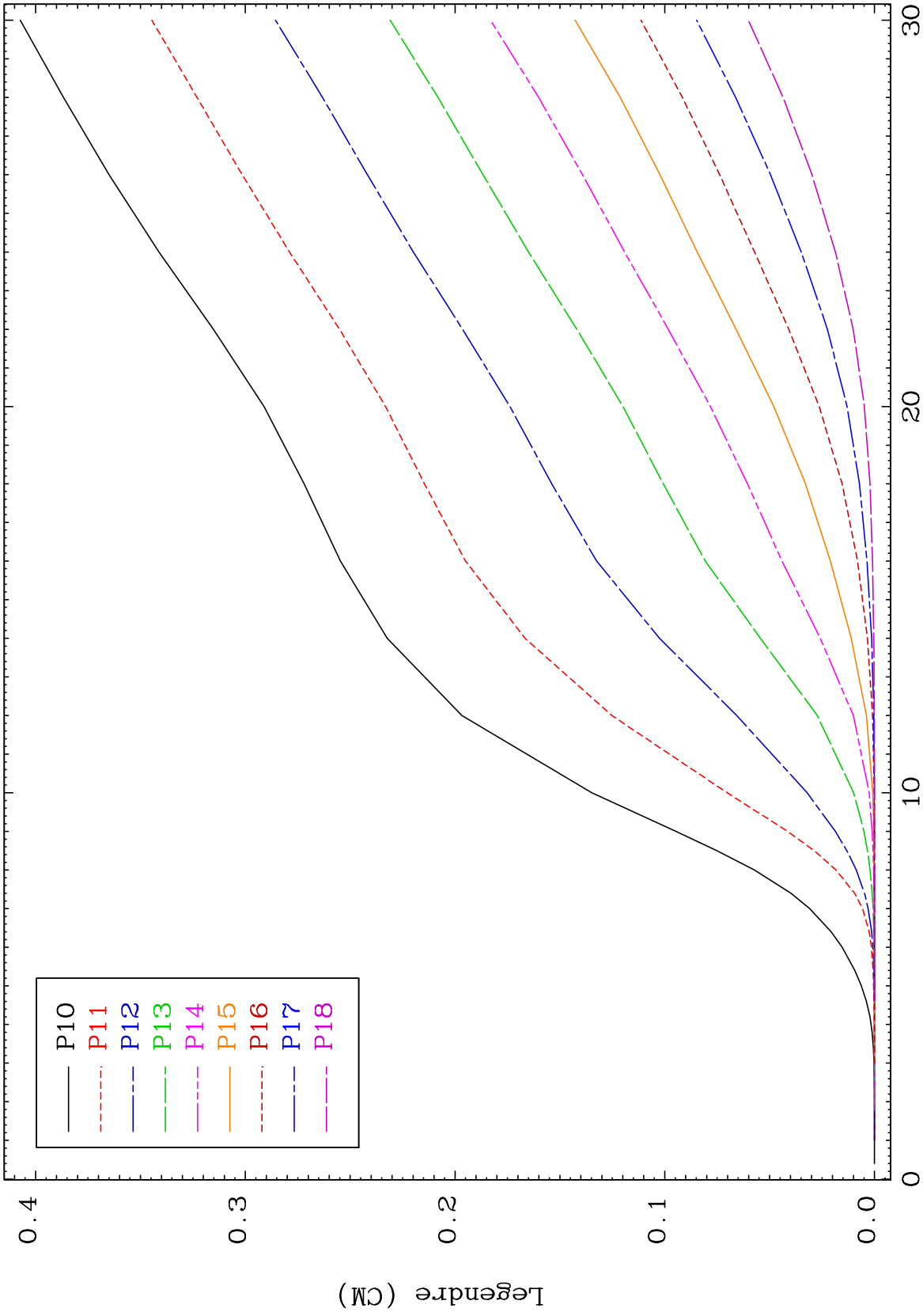
Incident Energy (MeV)

16

MAT 8322

Elastic Legendre Coefficients

83-Bi-208



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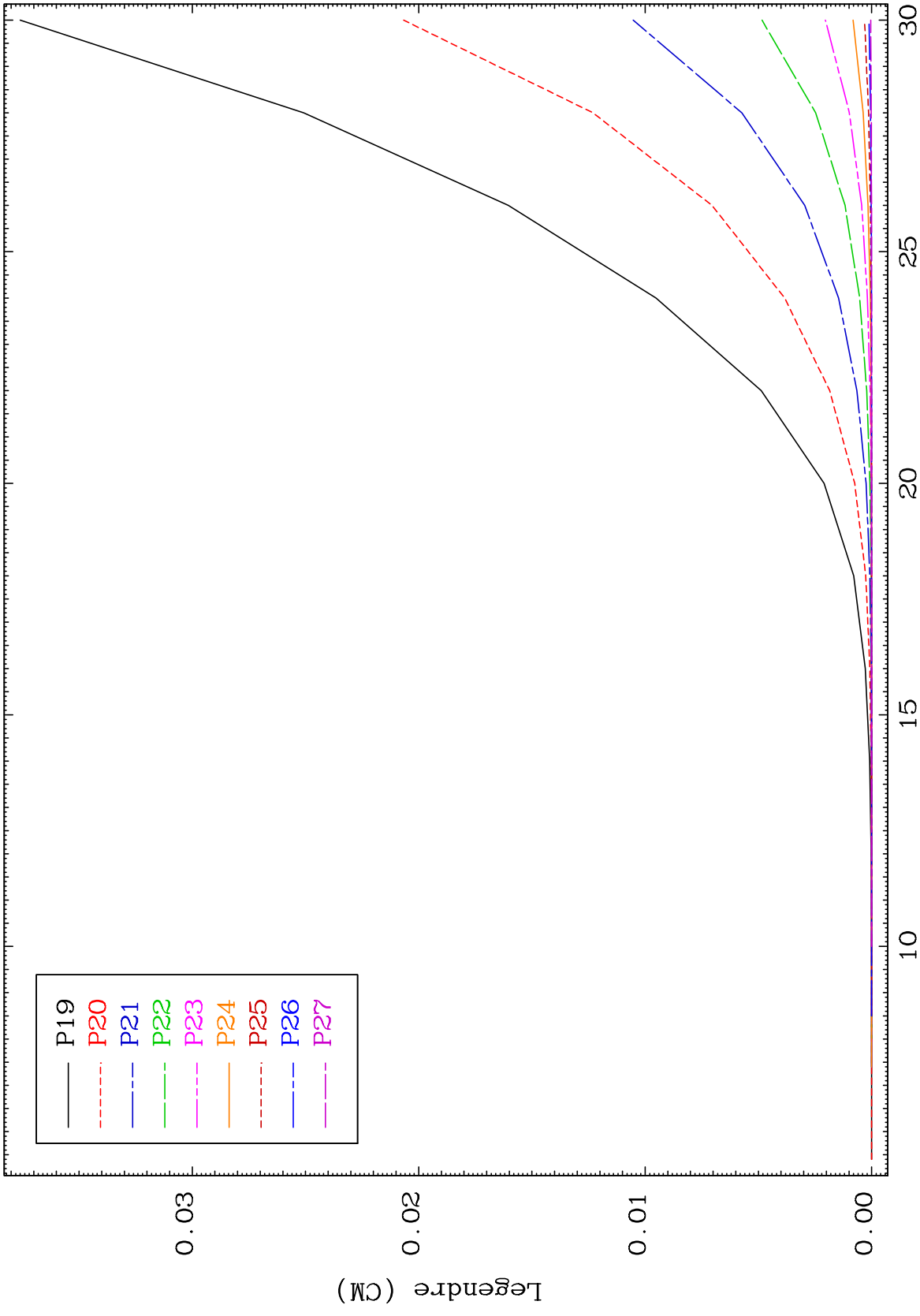
Incident Energy (MeV)

83-Bi-208

MAT 8322

### Elastic Legendre Coefficients

83-Bi-208



18

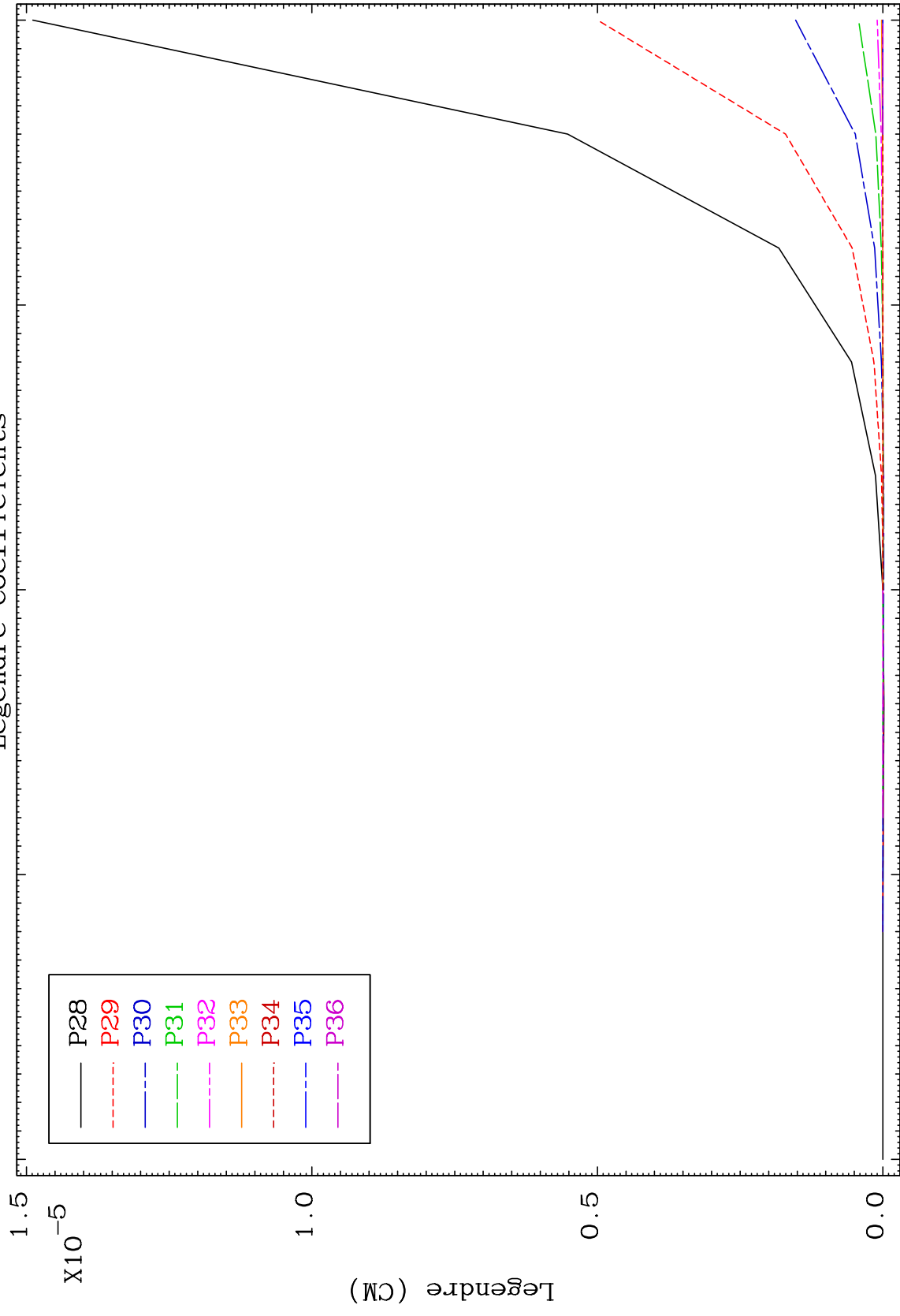
Incident Energy (MeV)

83-Bi-208

MAT 8322

Elastic Legendre Coefficients

83-Bi-208



19

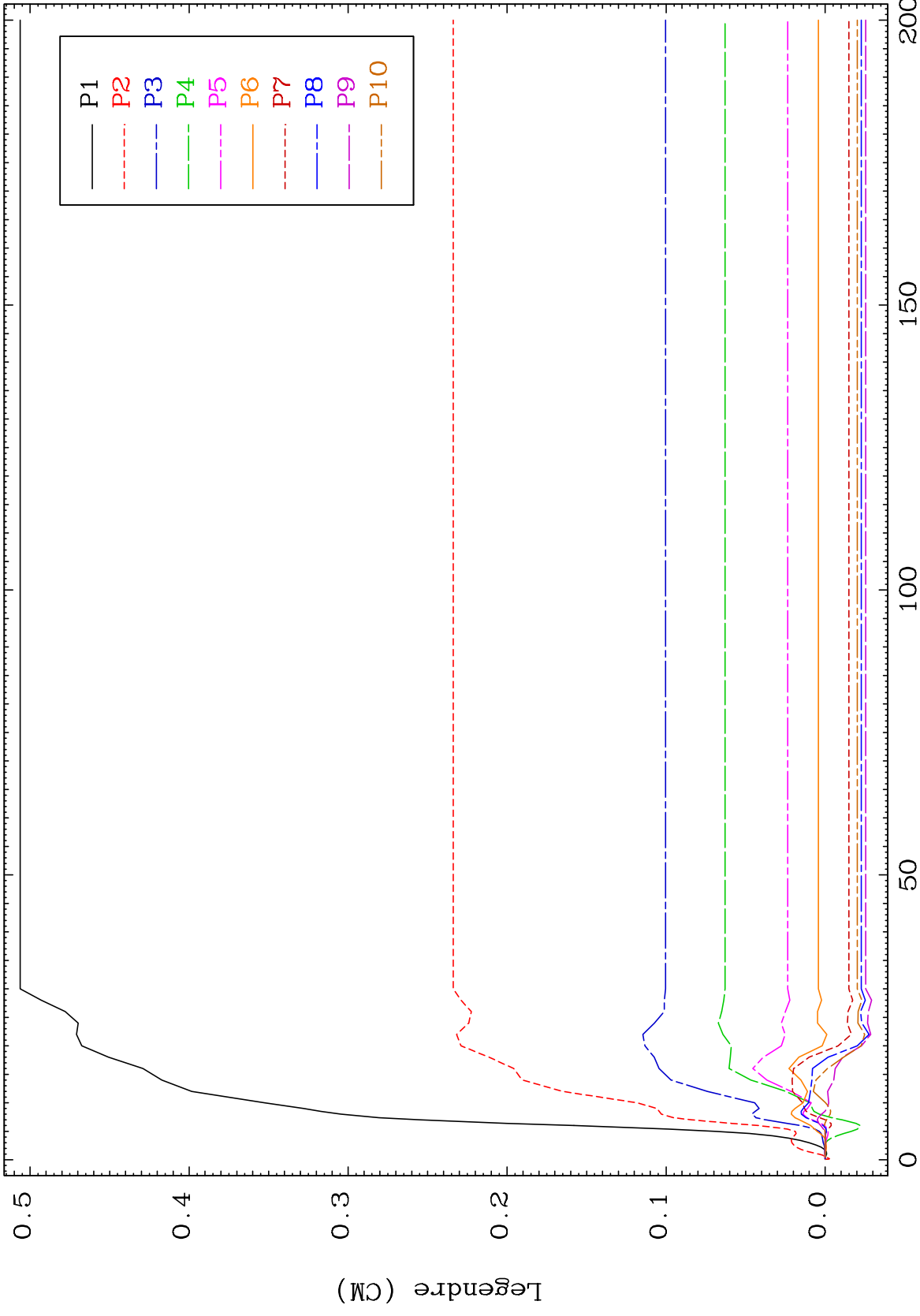
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



83-Bi-208

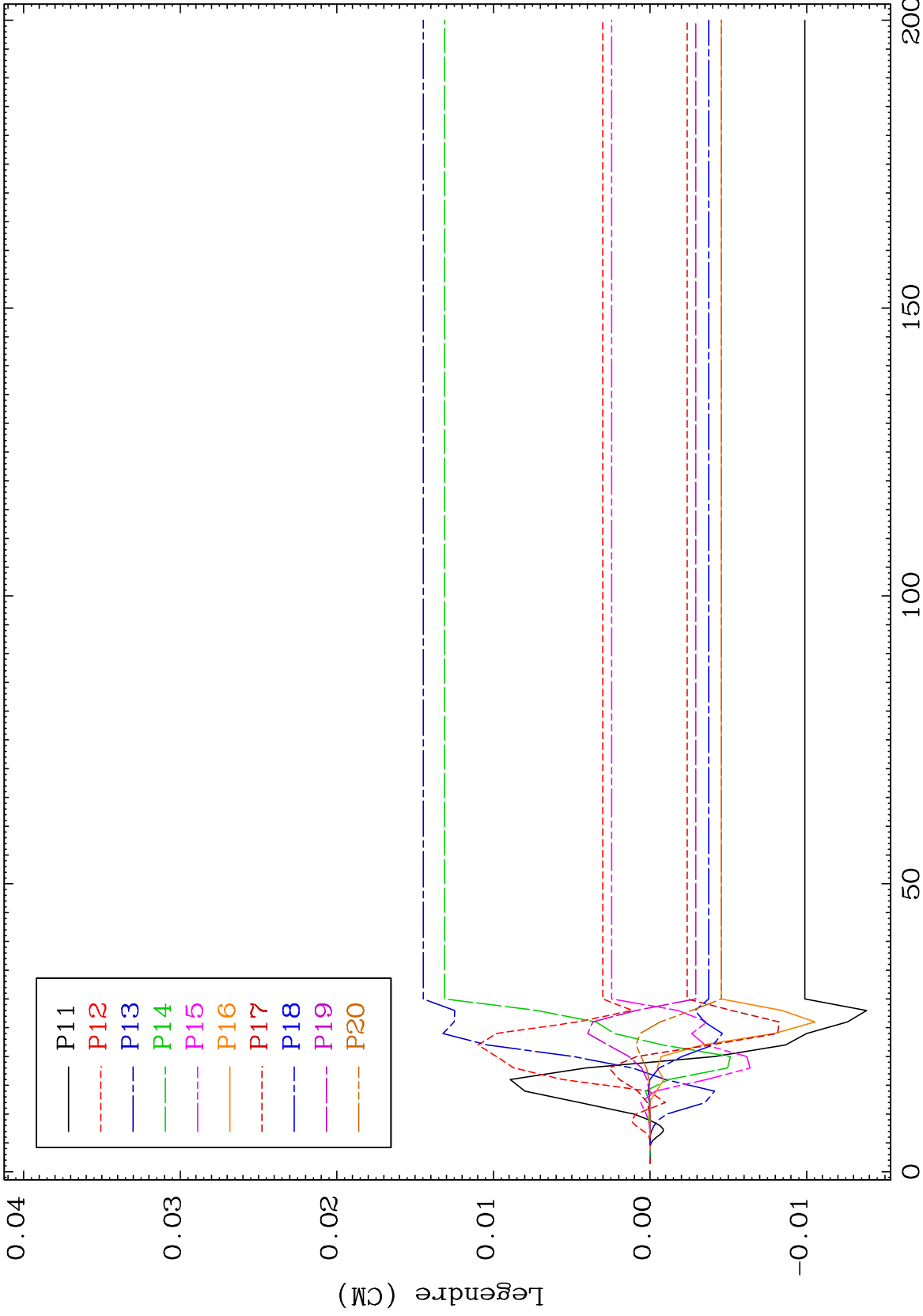
Incident Energy (MeV)

20

MAT 8322

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

83-Bi-208



21

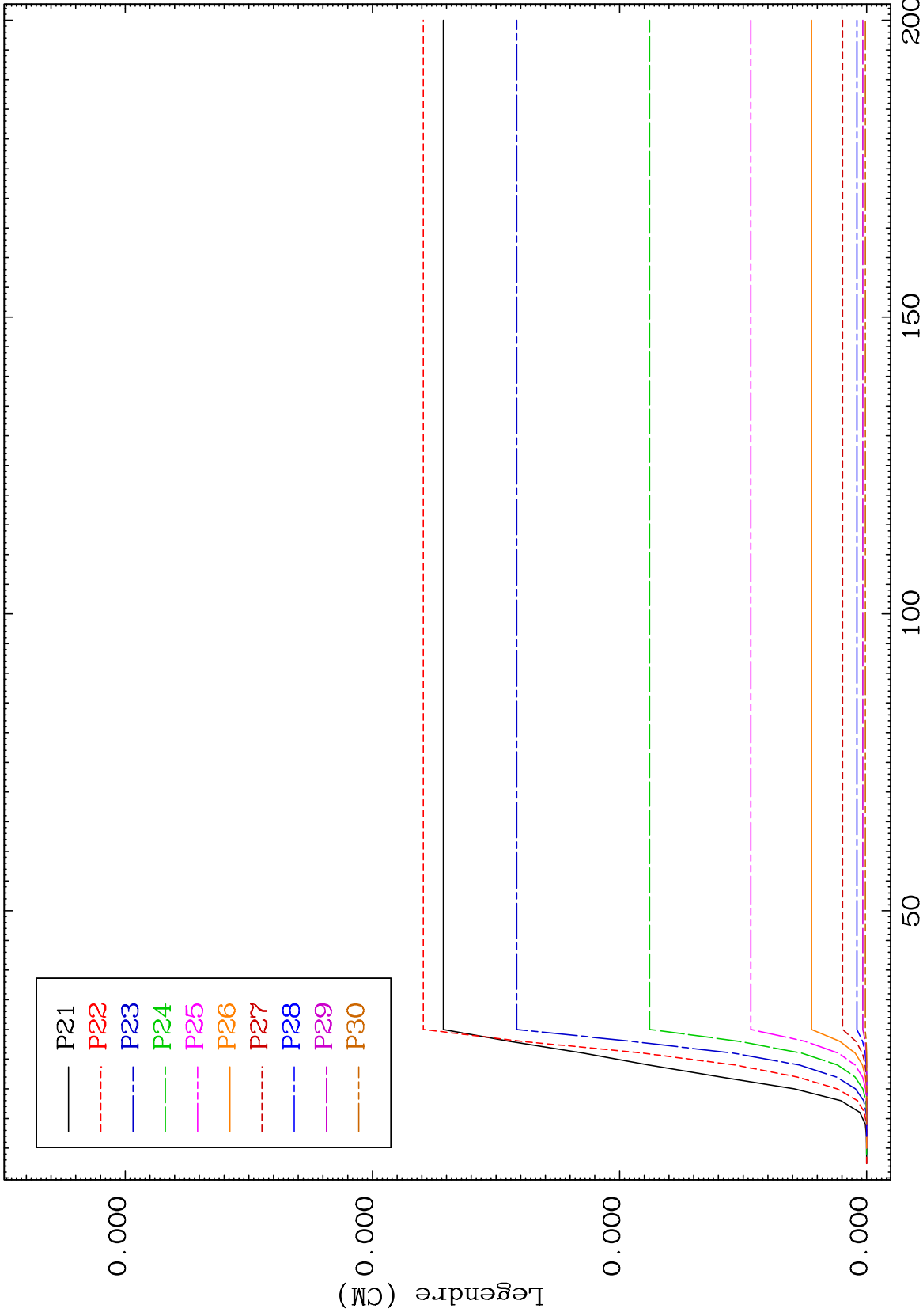
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



22

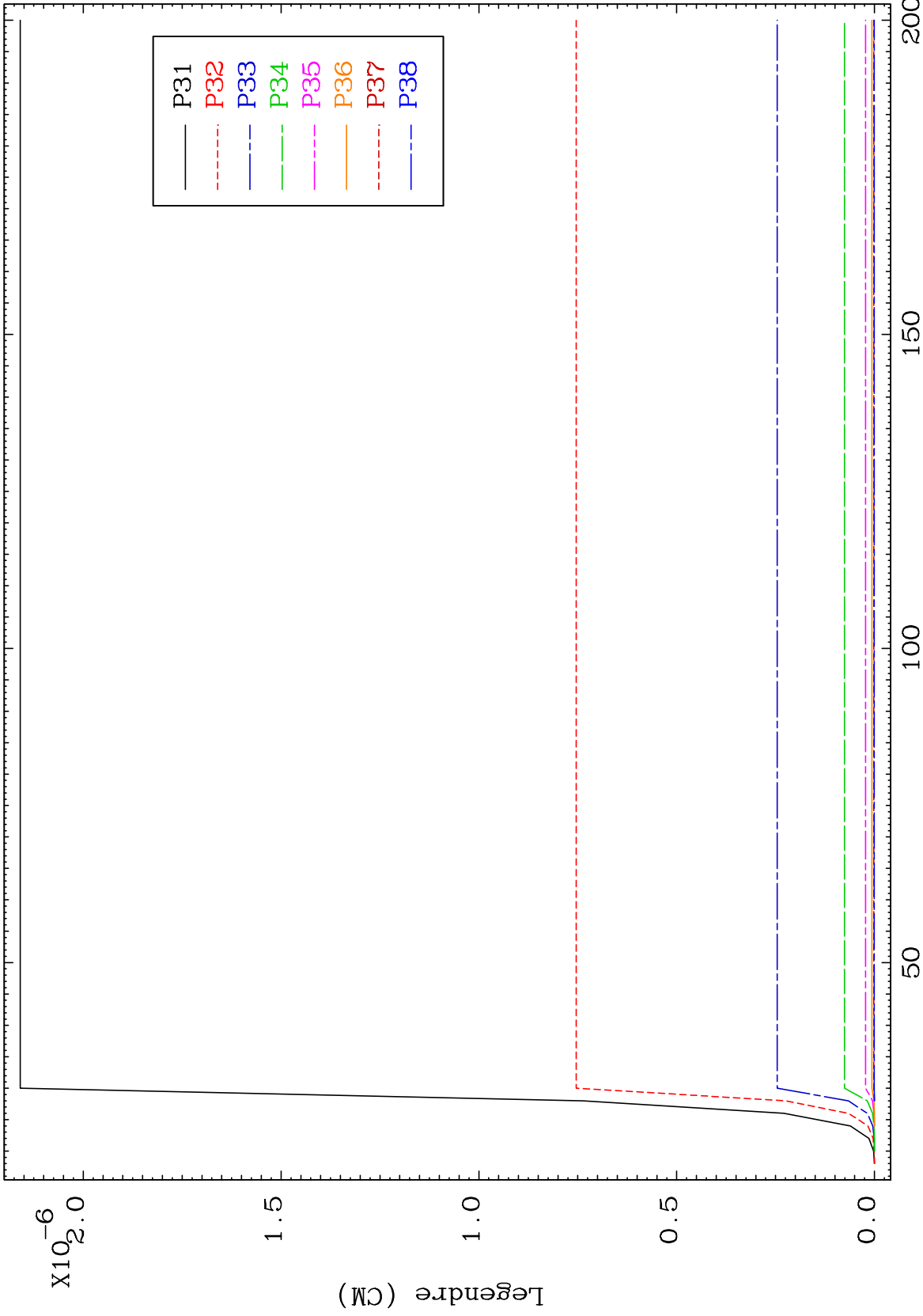
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



23

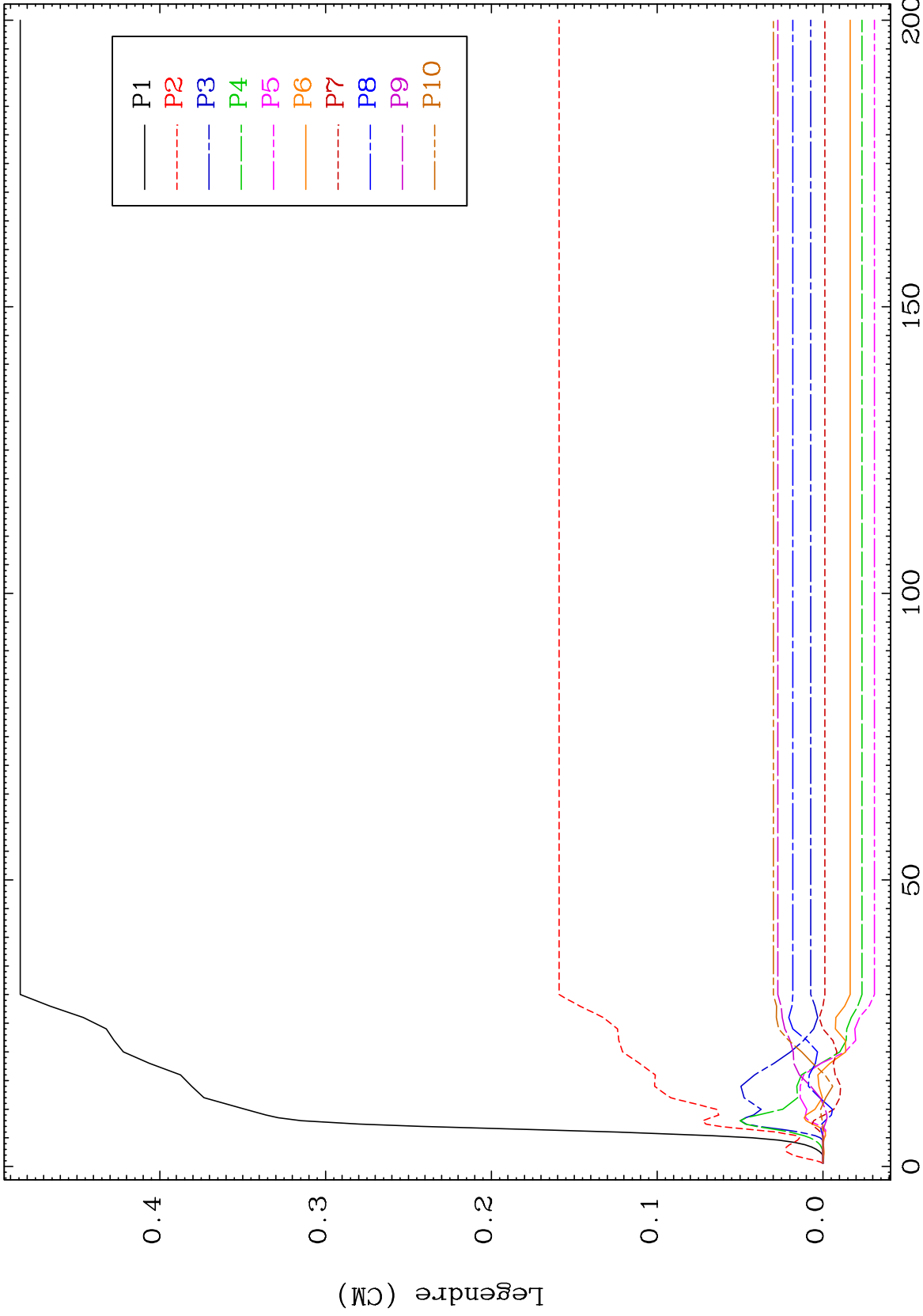
83-Bi-208



MAT 8322

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

83-Bi-208



24

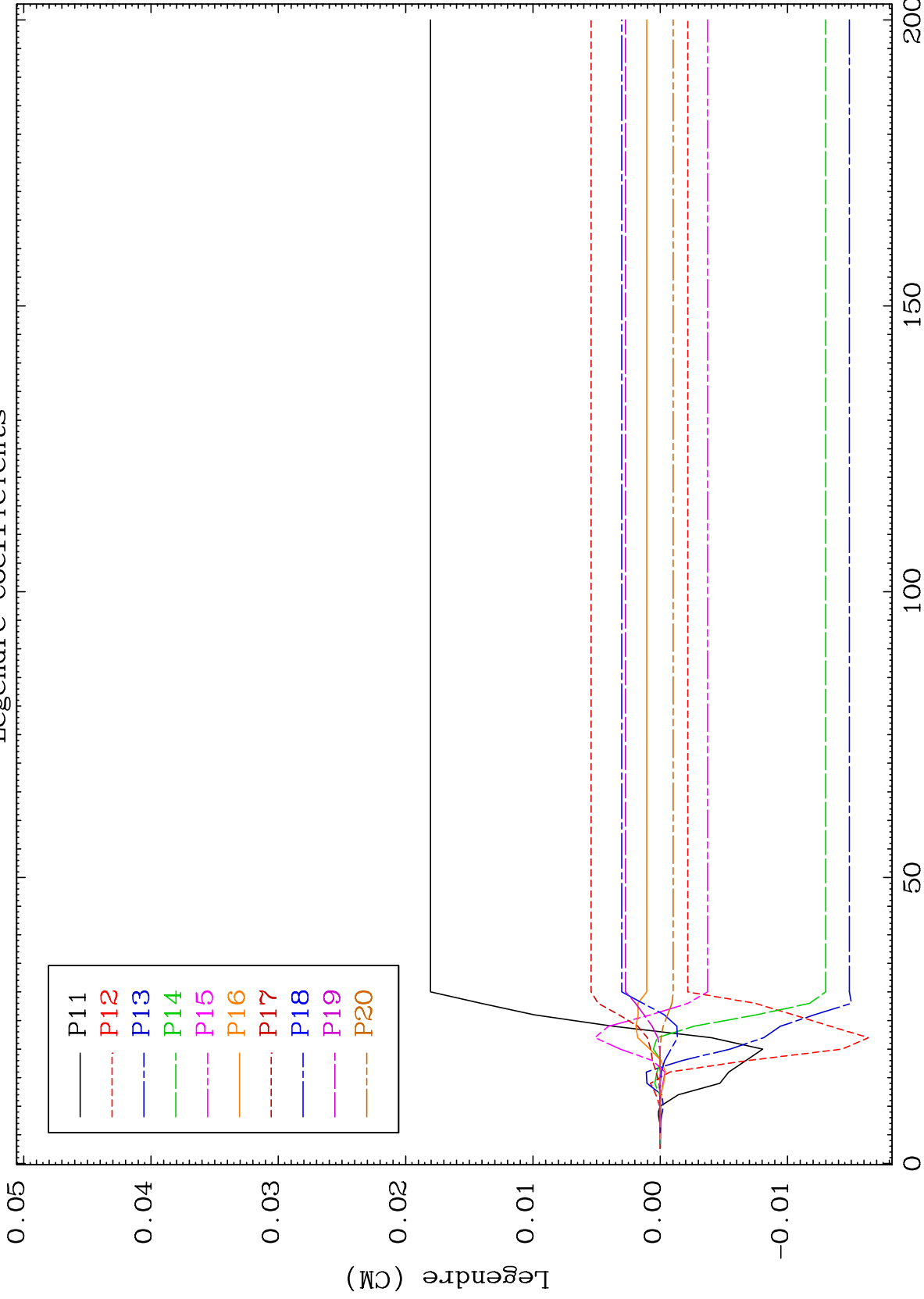
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

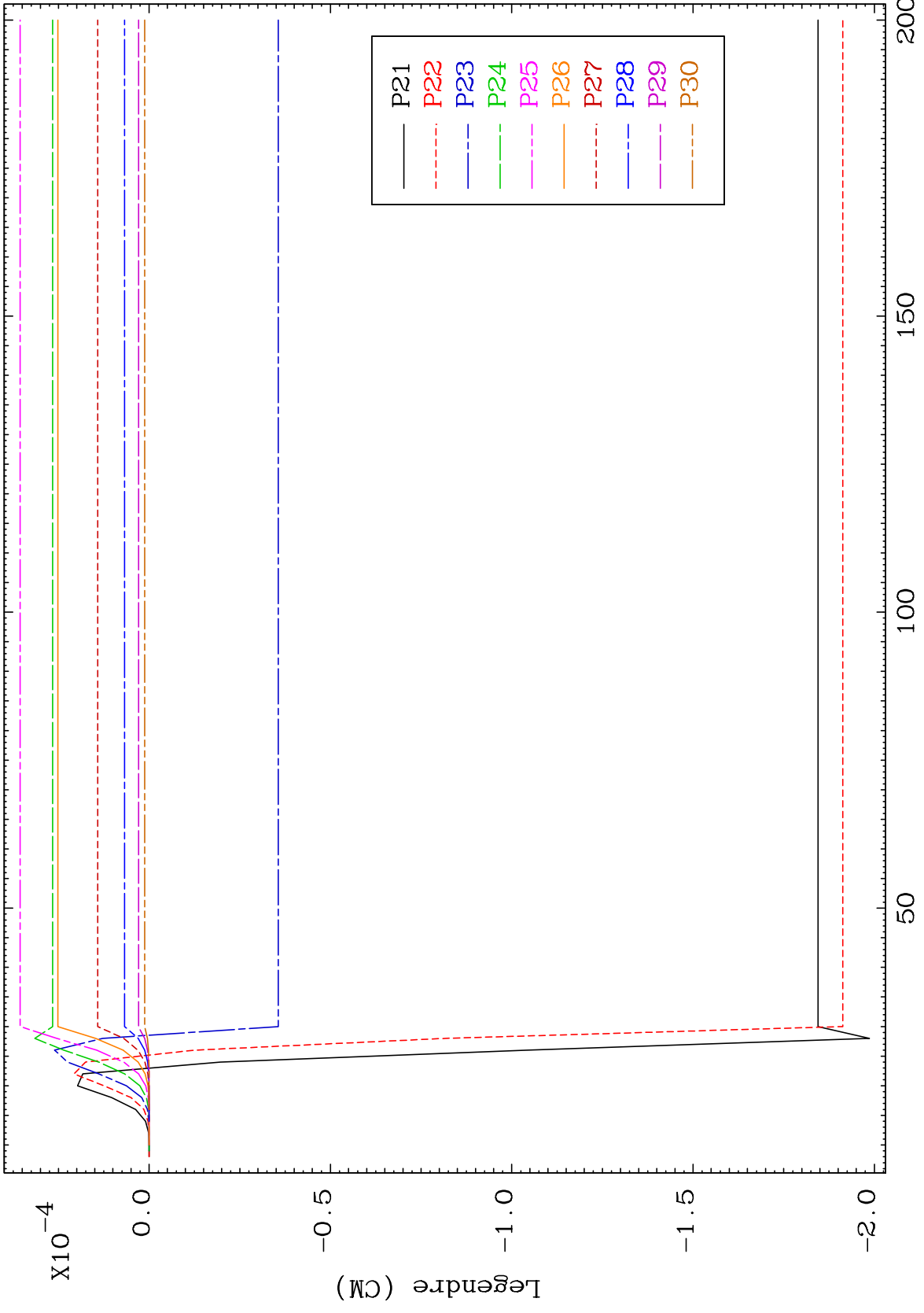
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25

Incident Energy (MeV)

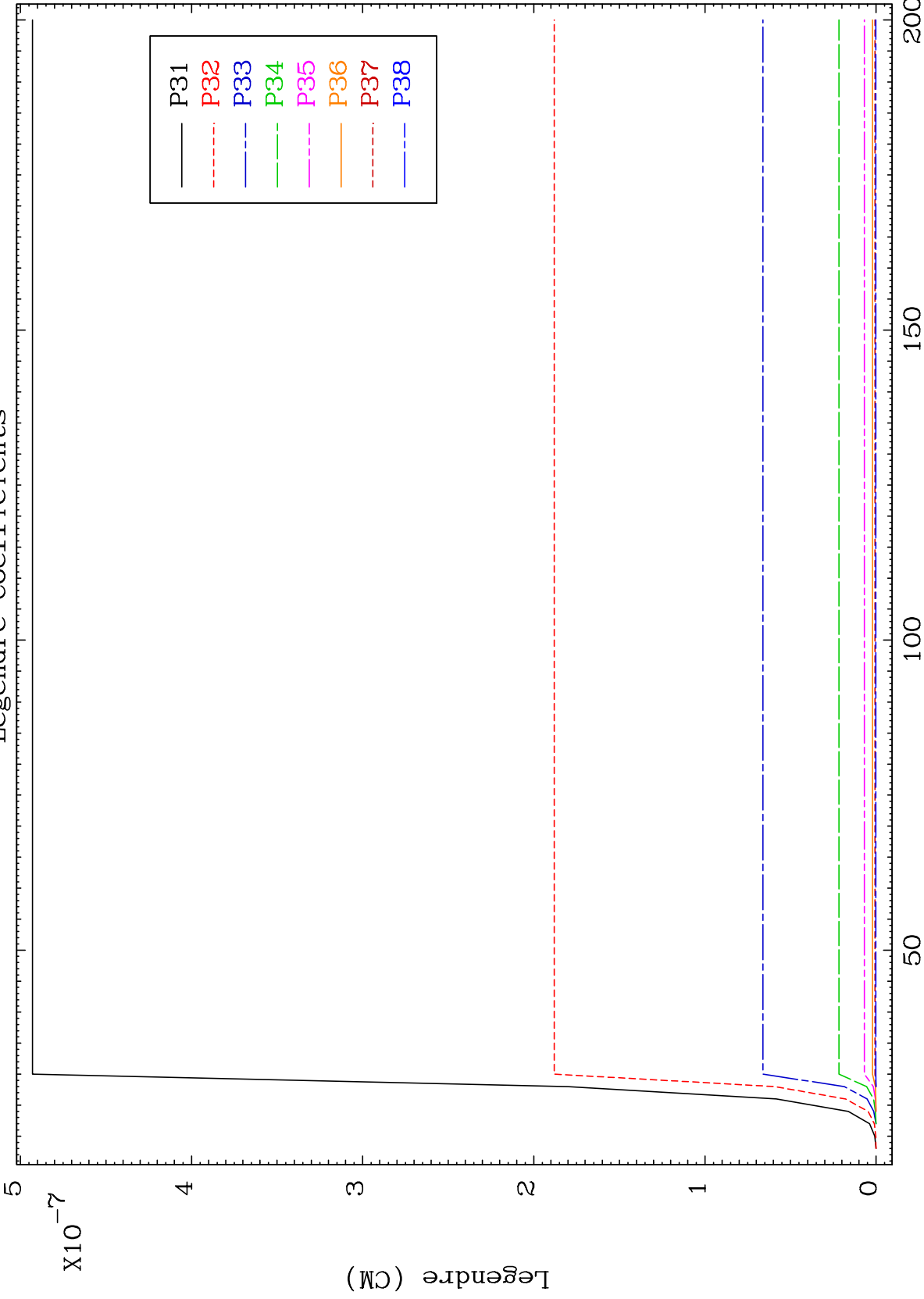
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MAT 8322

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

83-Bi-208



27

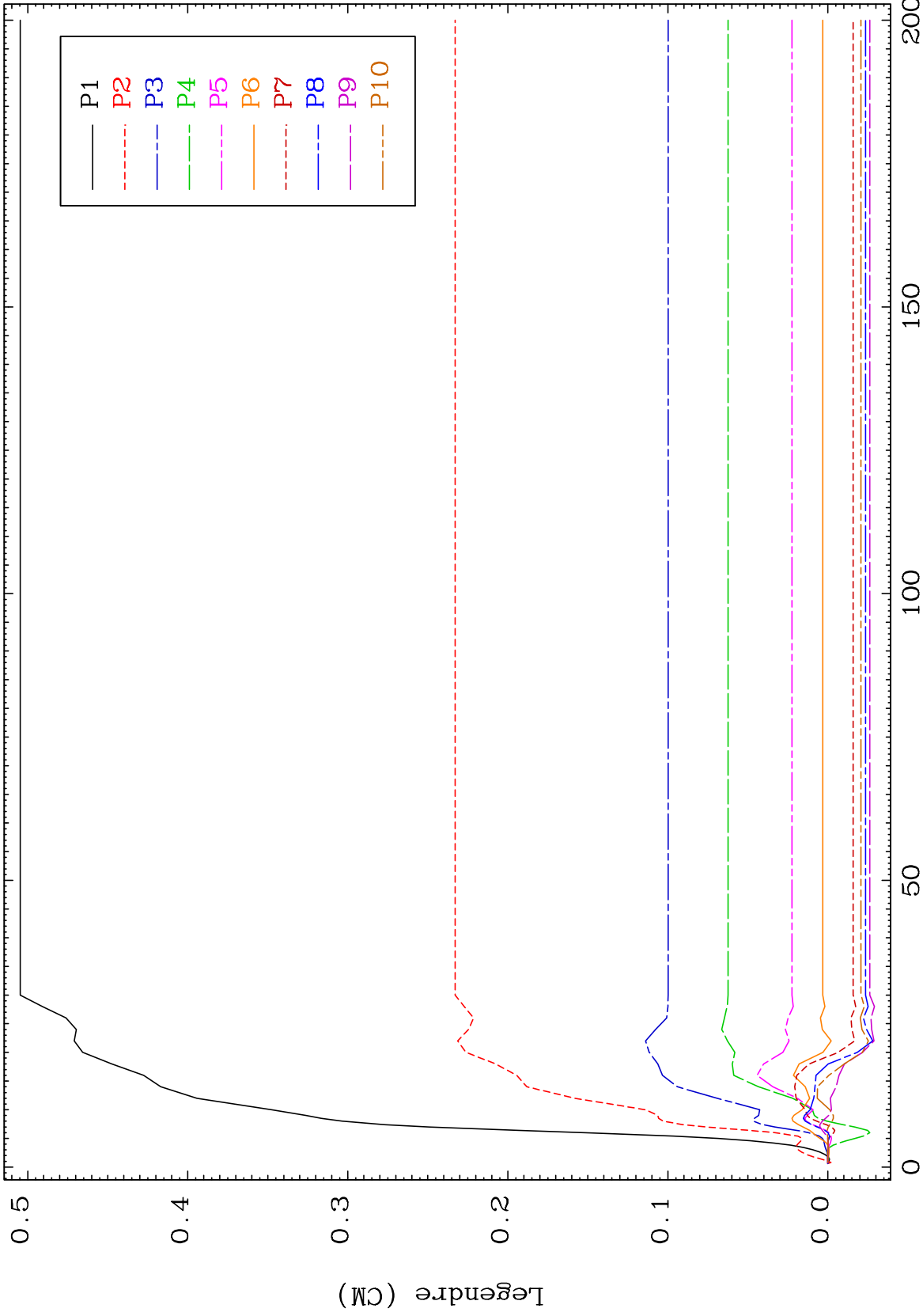
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



28

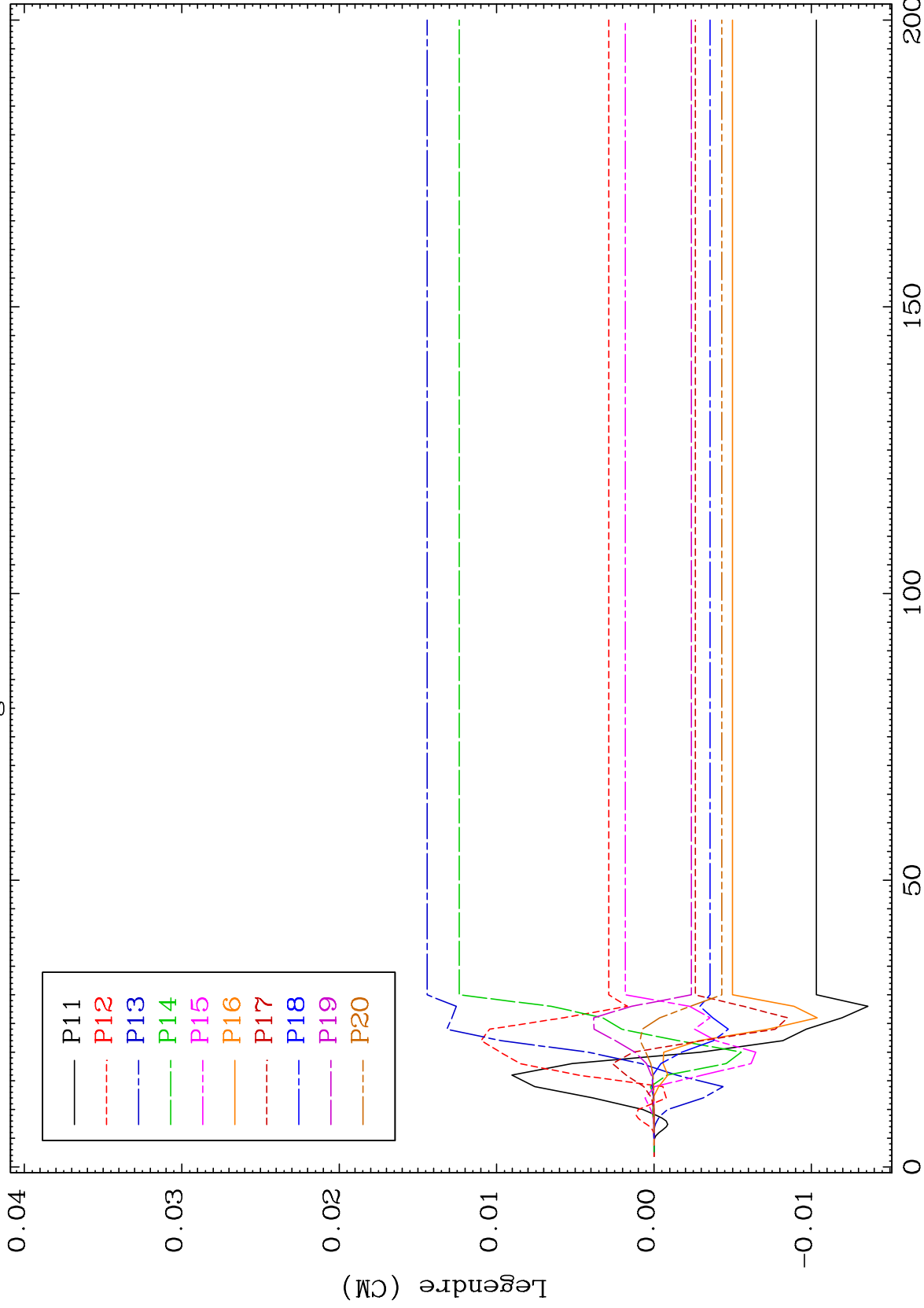
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



29

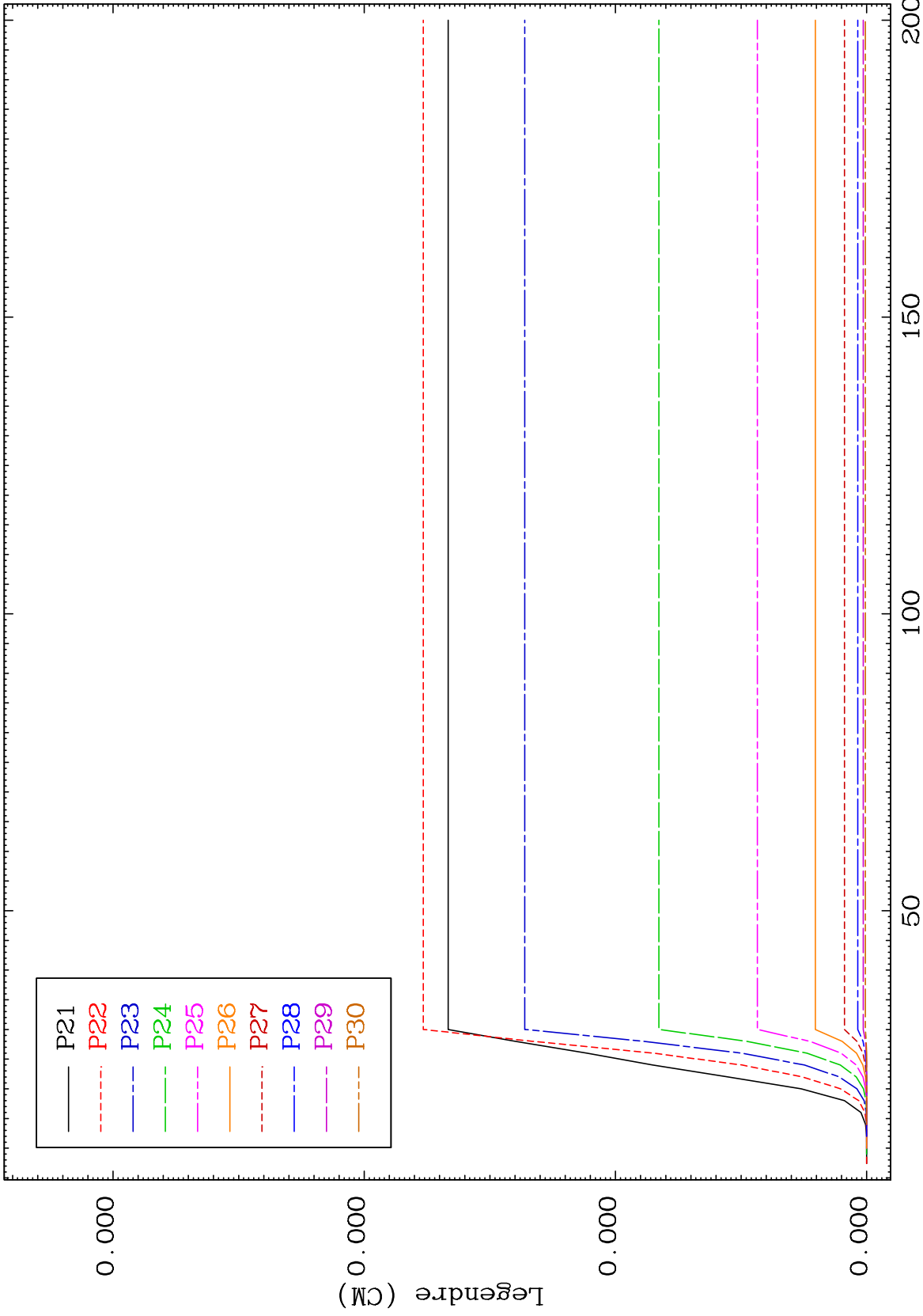
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



30

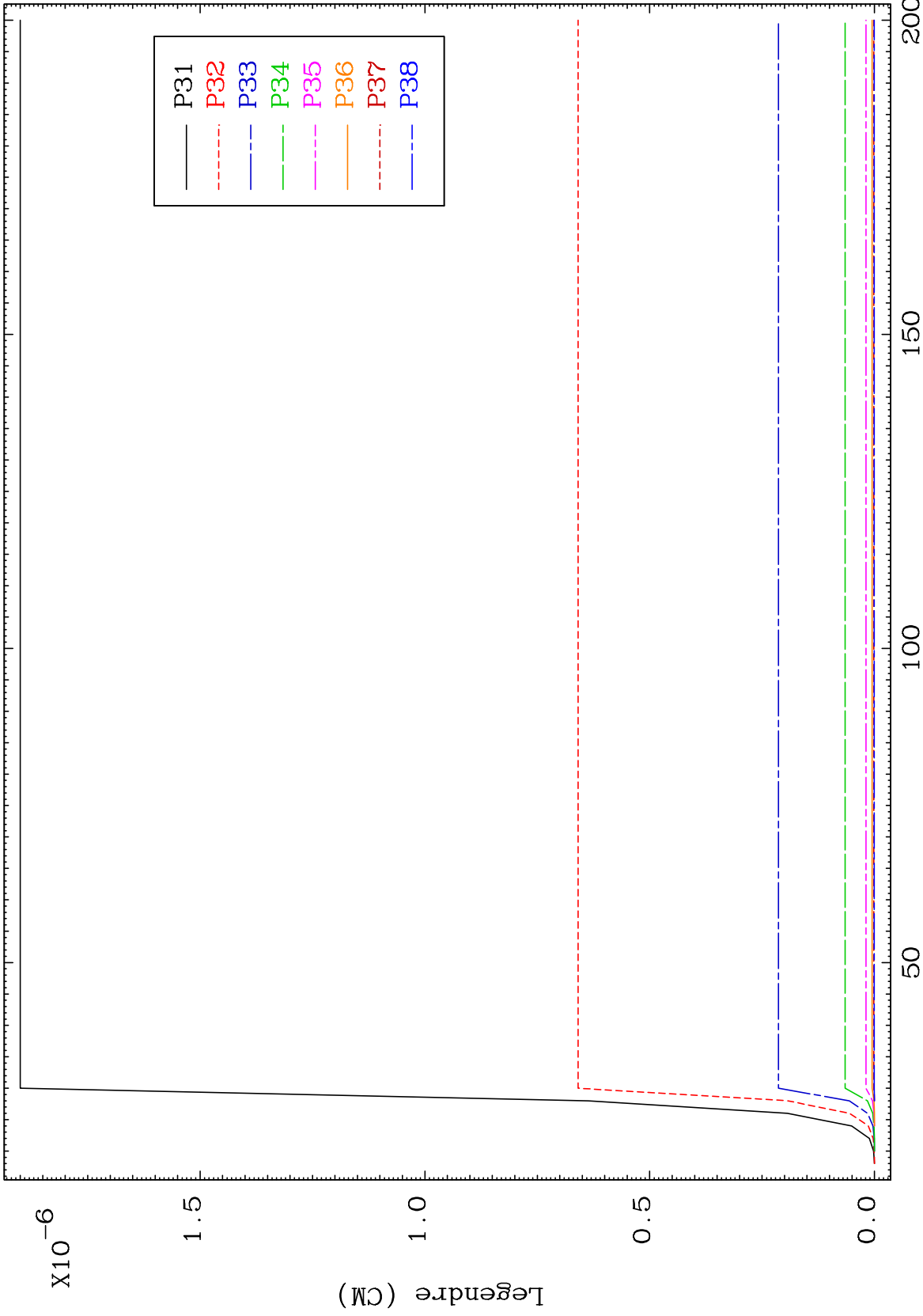
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



31

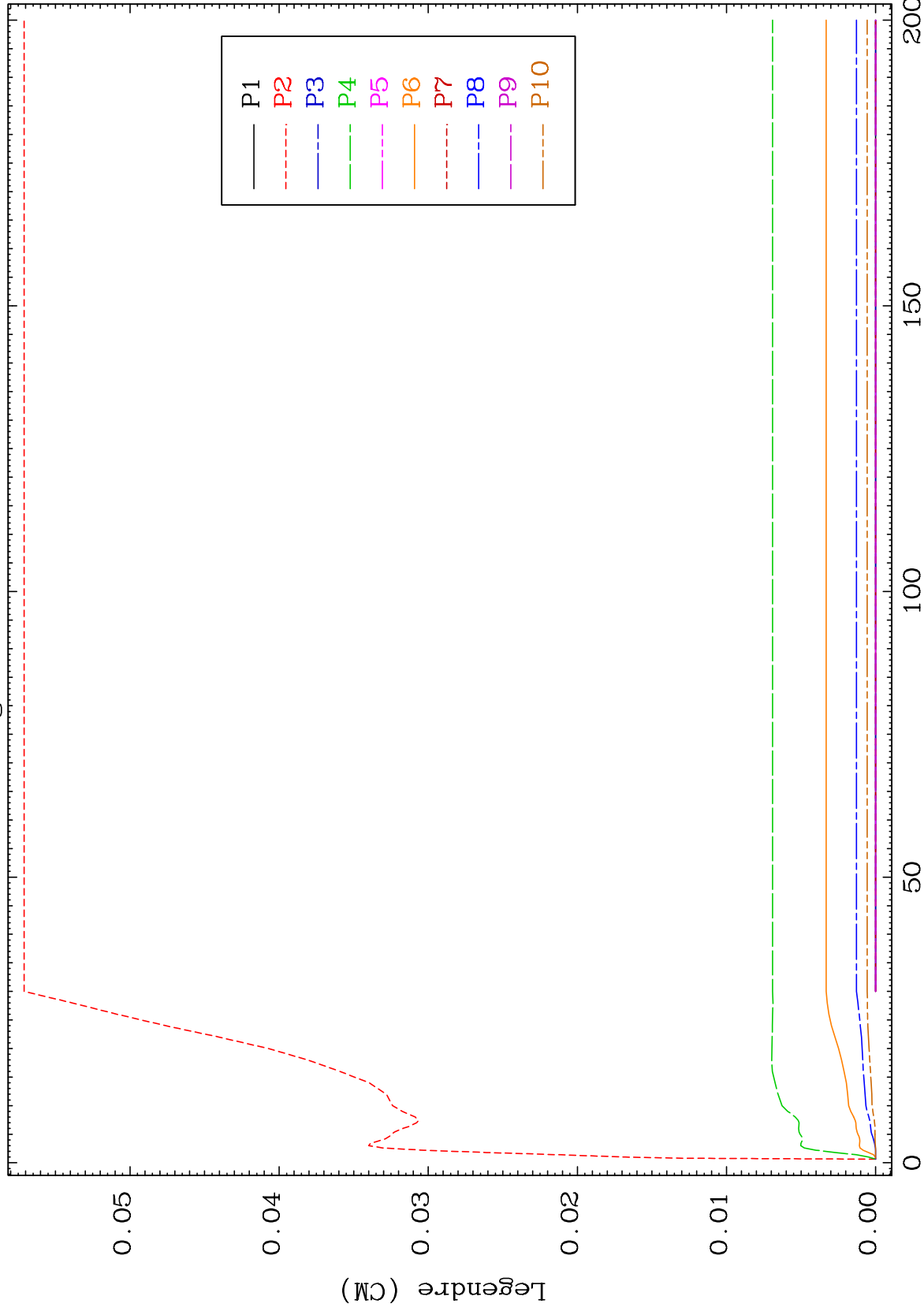
83-Bi-208



MAT 8322

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

83-Bi-208



32

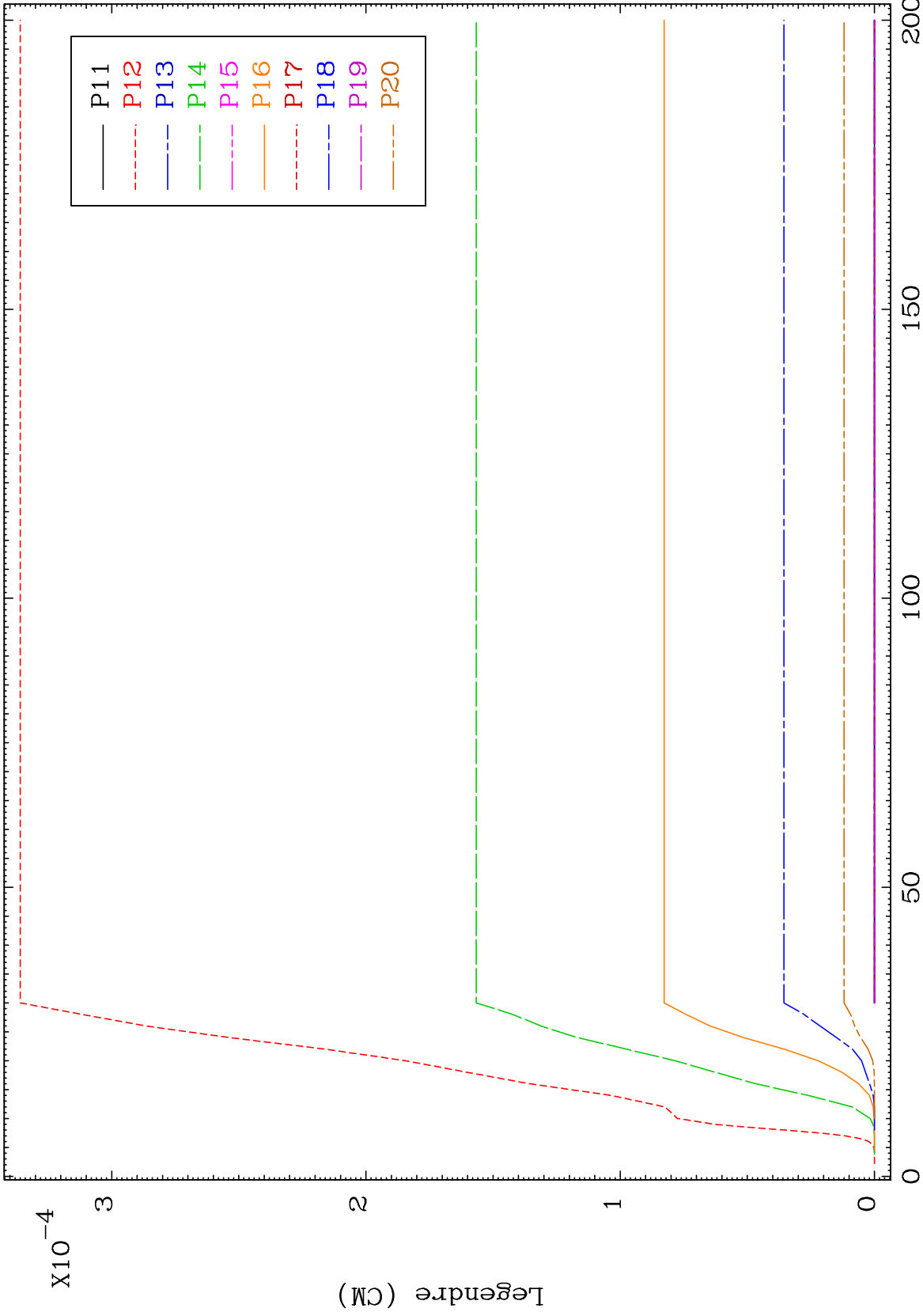
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



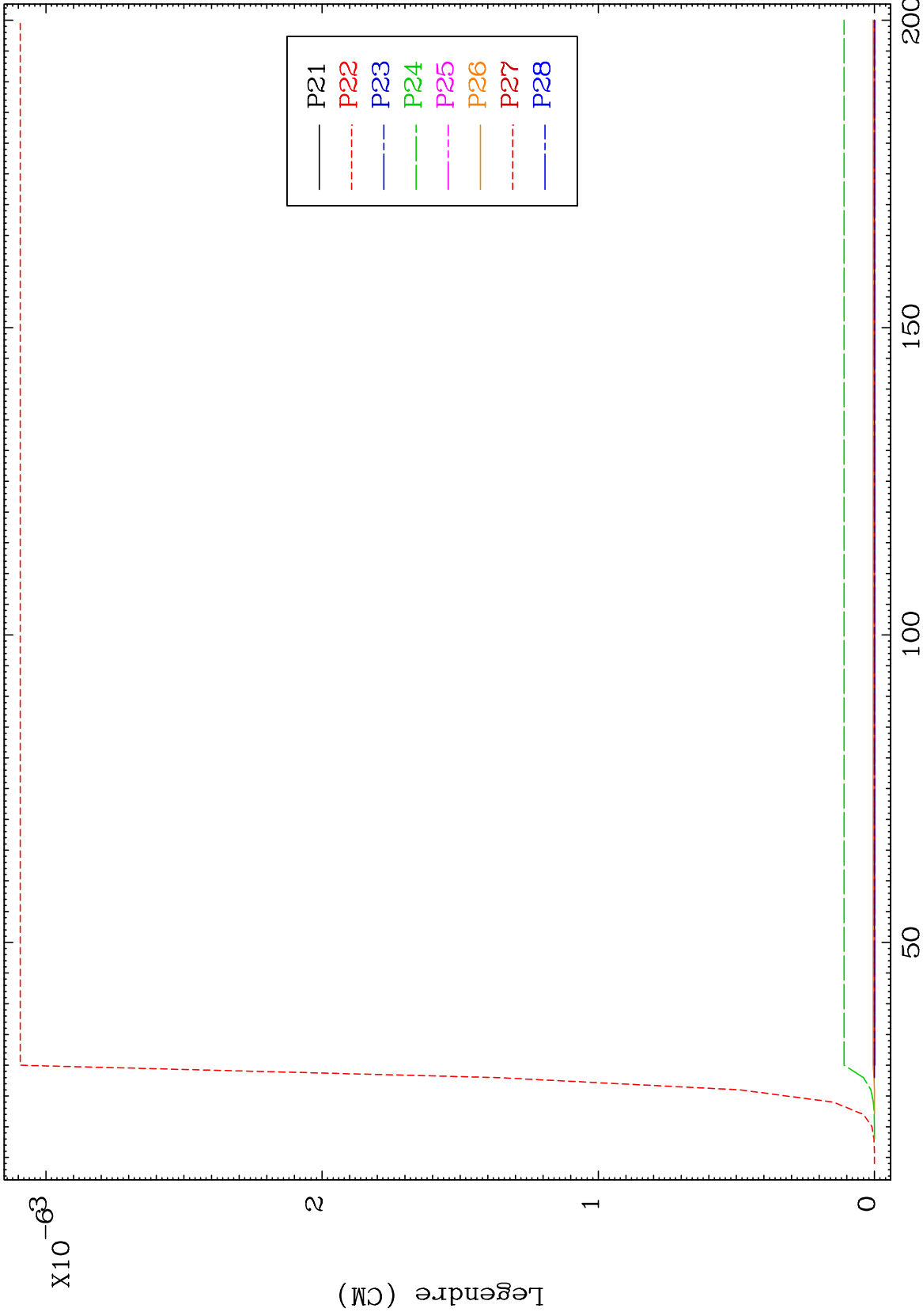
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83-Bi-208

MAT 8322

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

83-Bi-208



34

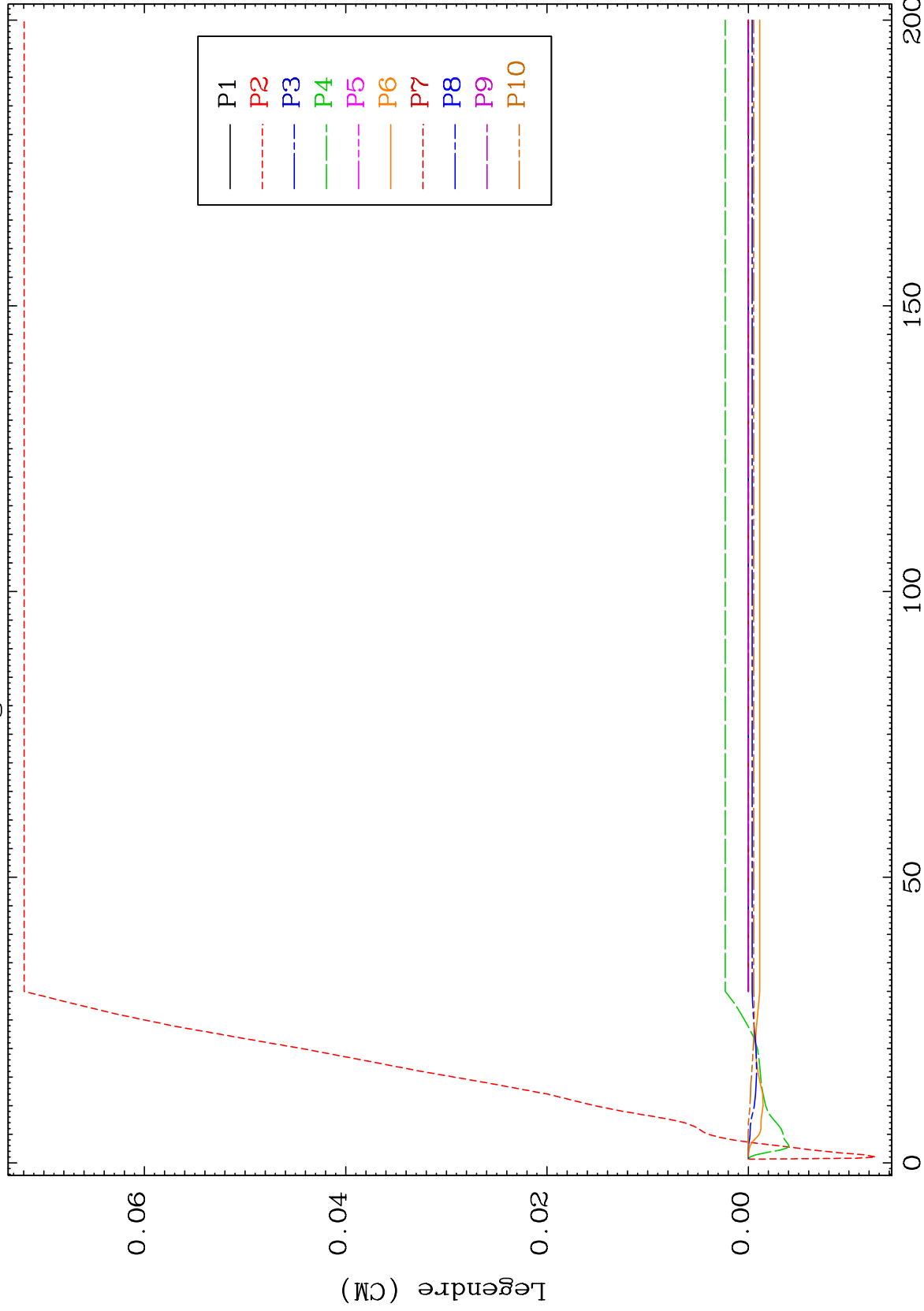
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



35

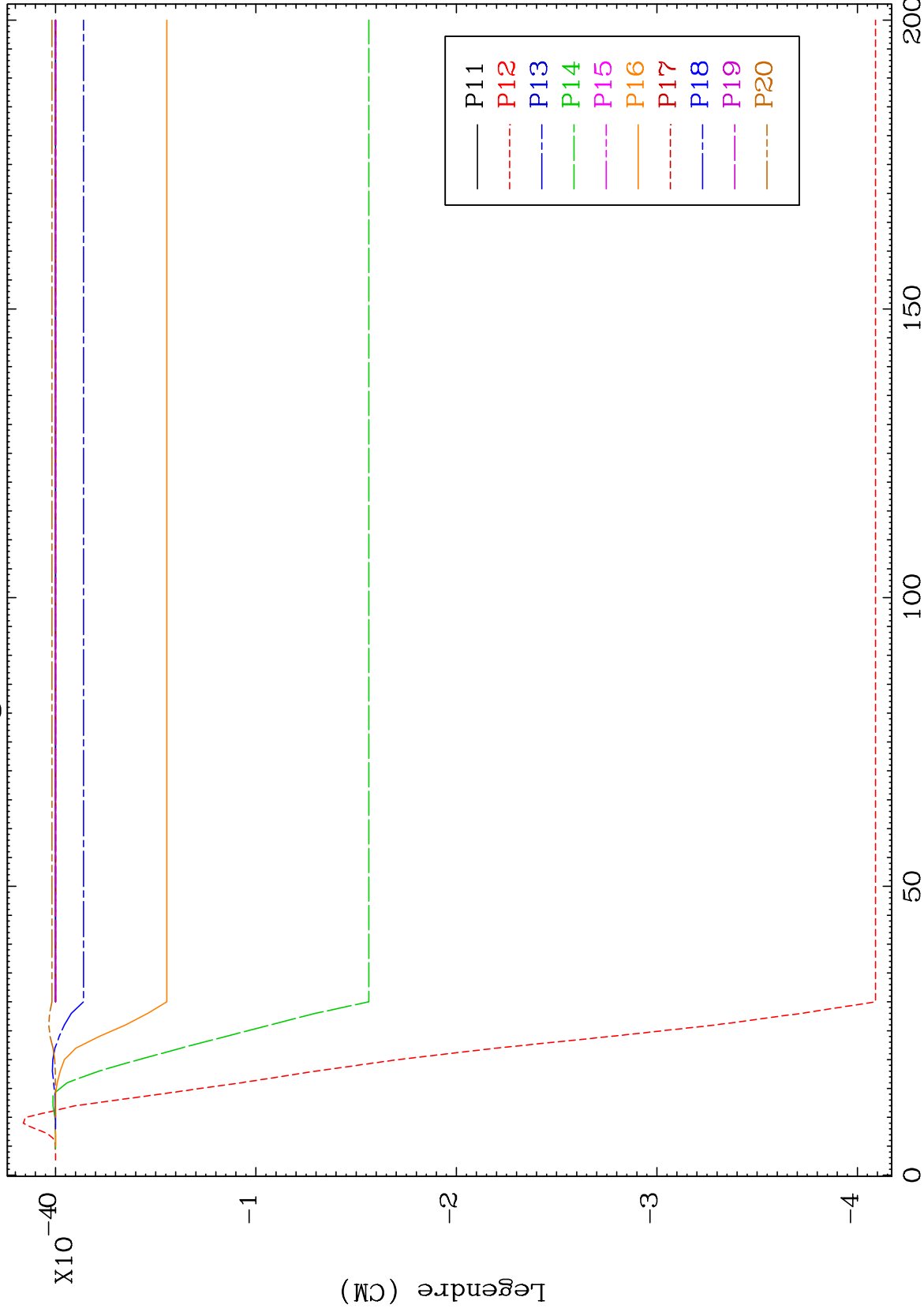
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



36

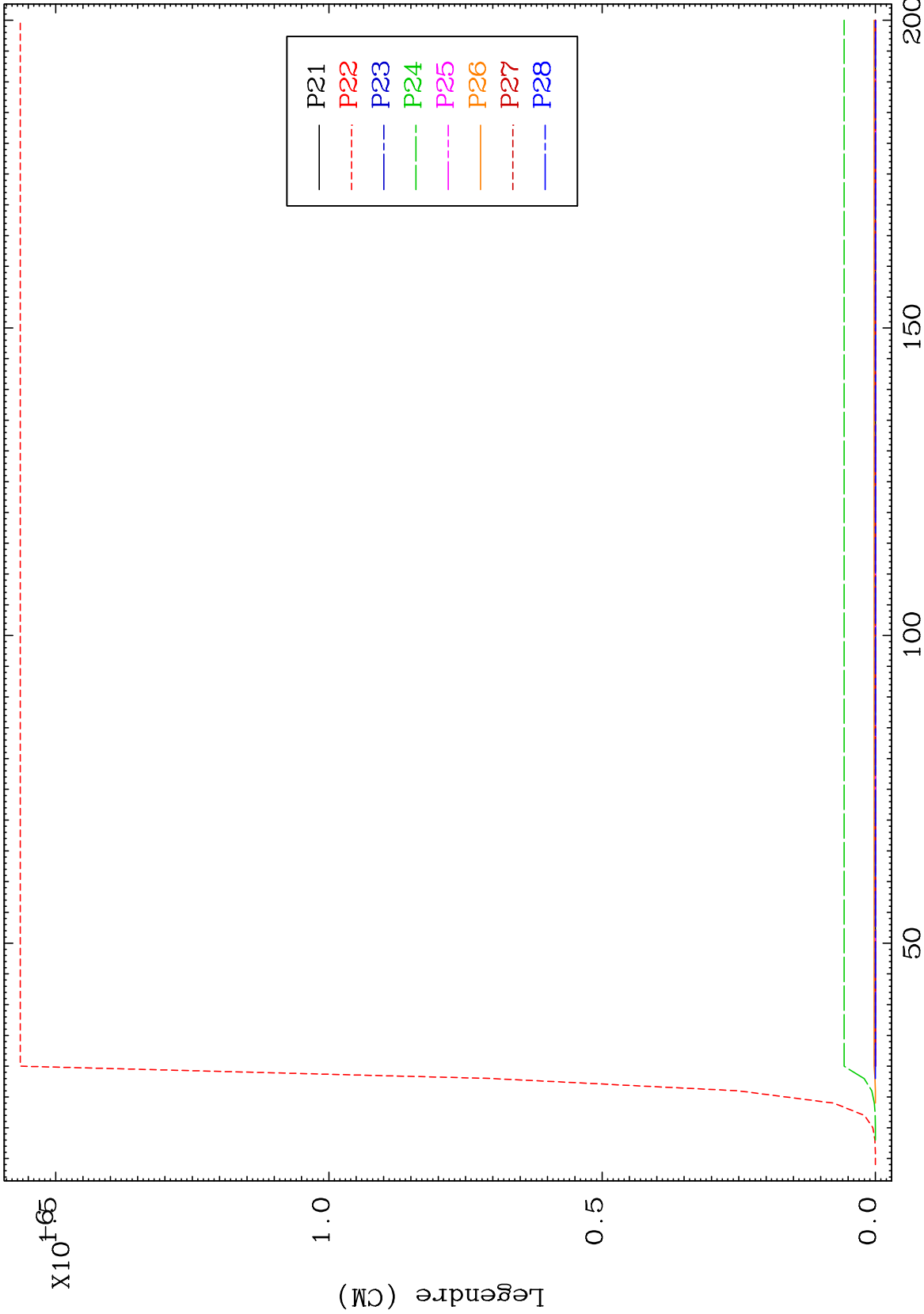
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



37

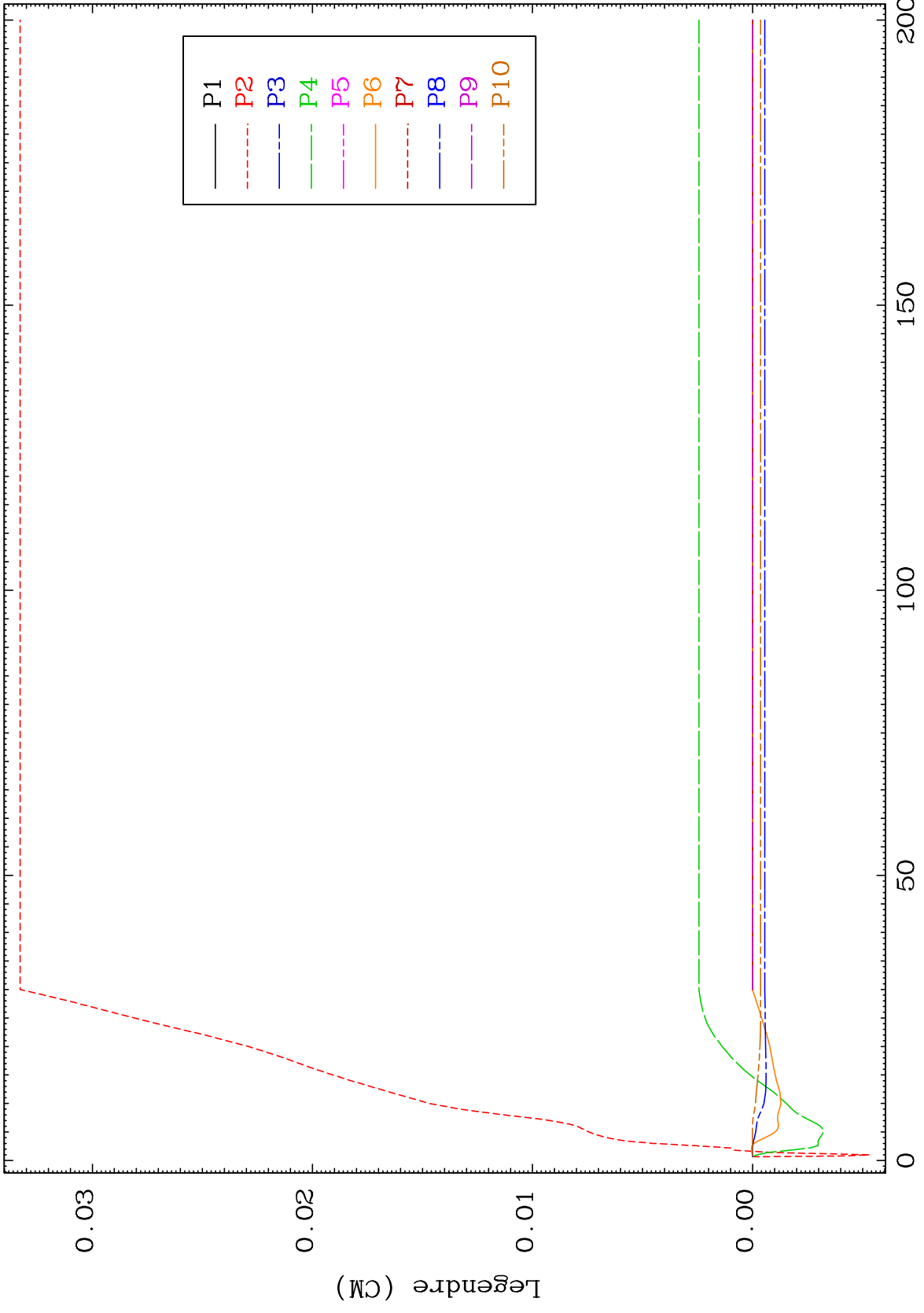
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



38

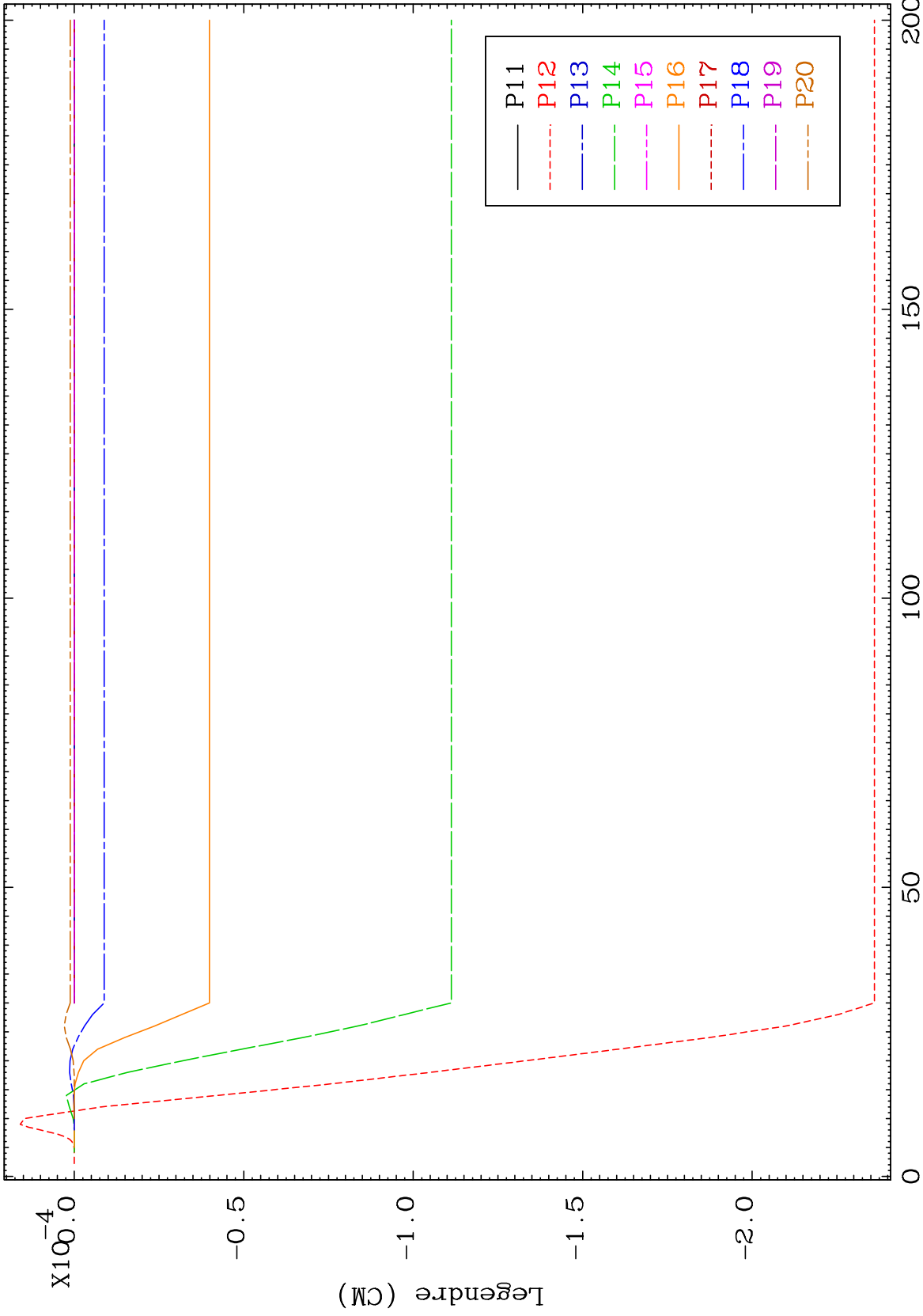
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



39

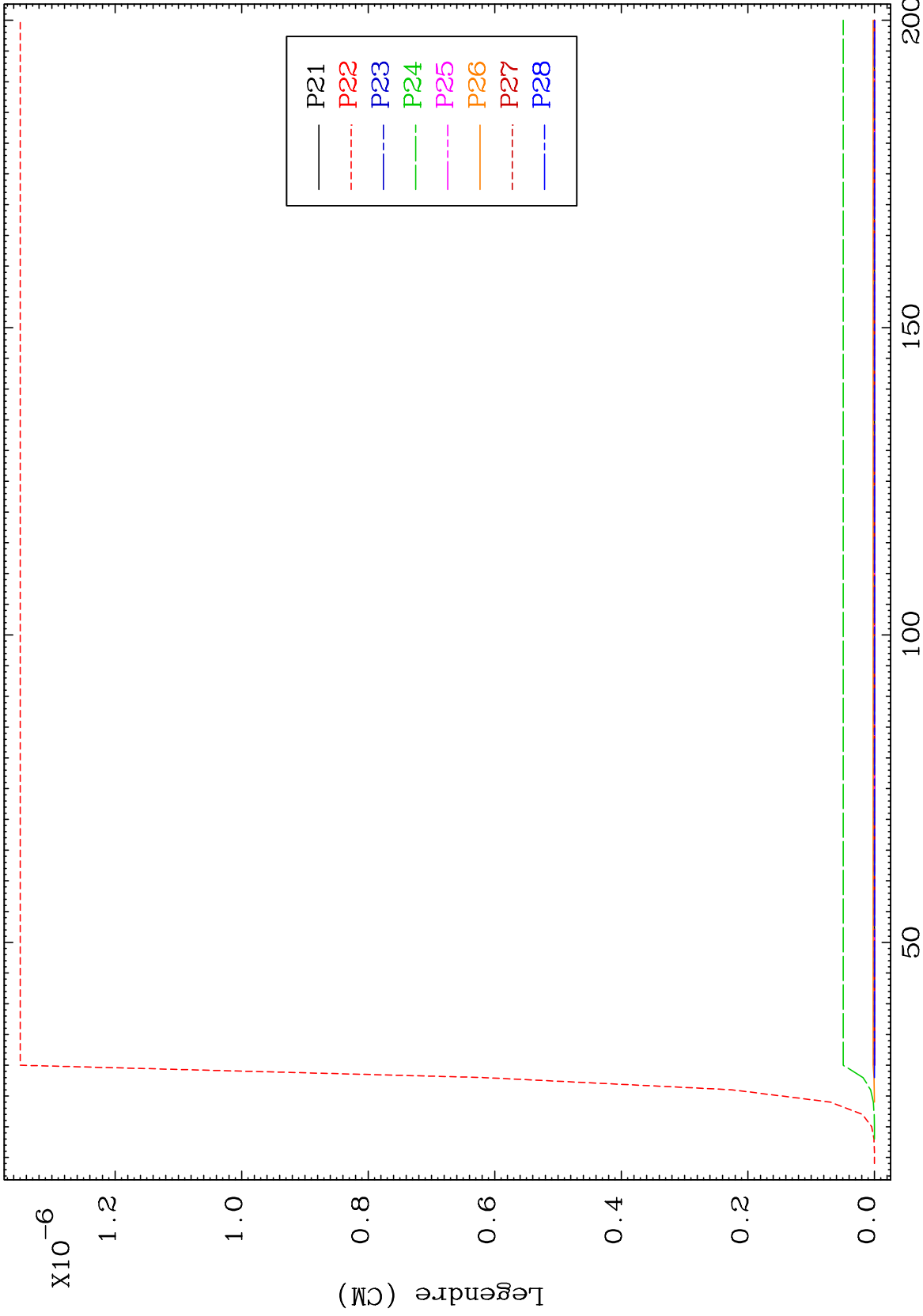
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MAT 8322

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

83-Bi-208



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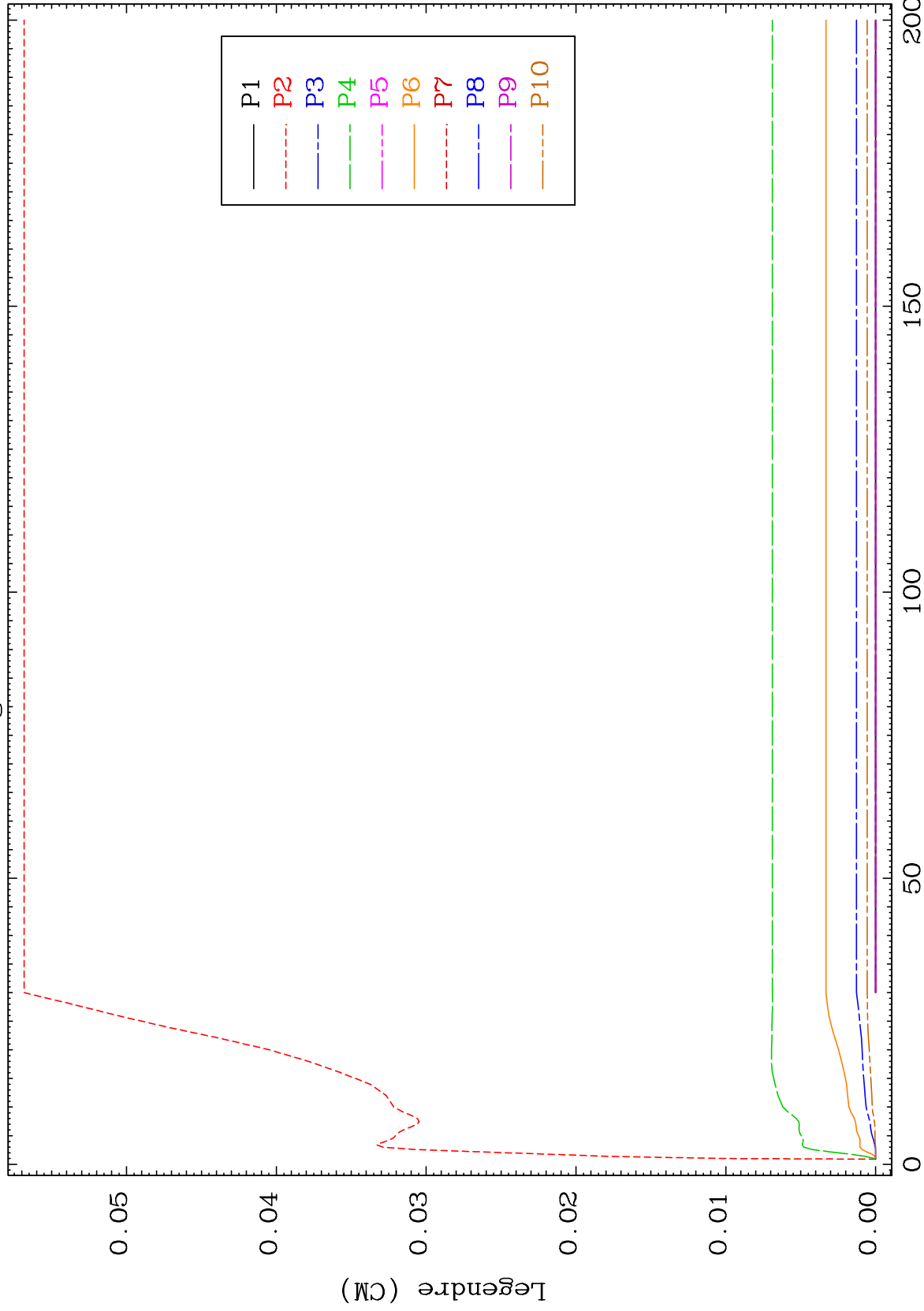
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



41

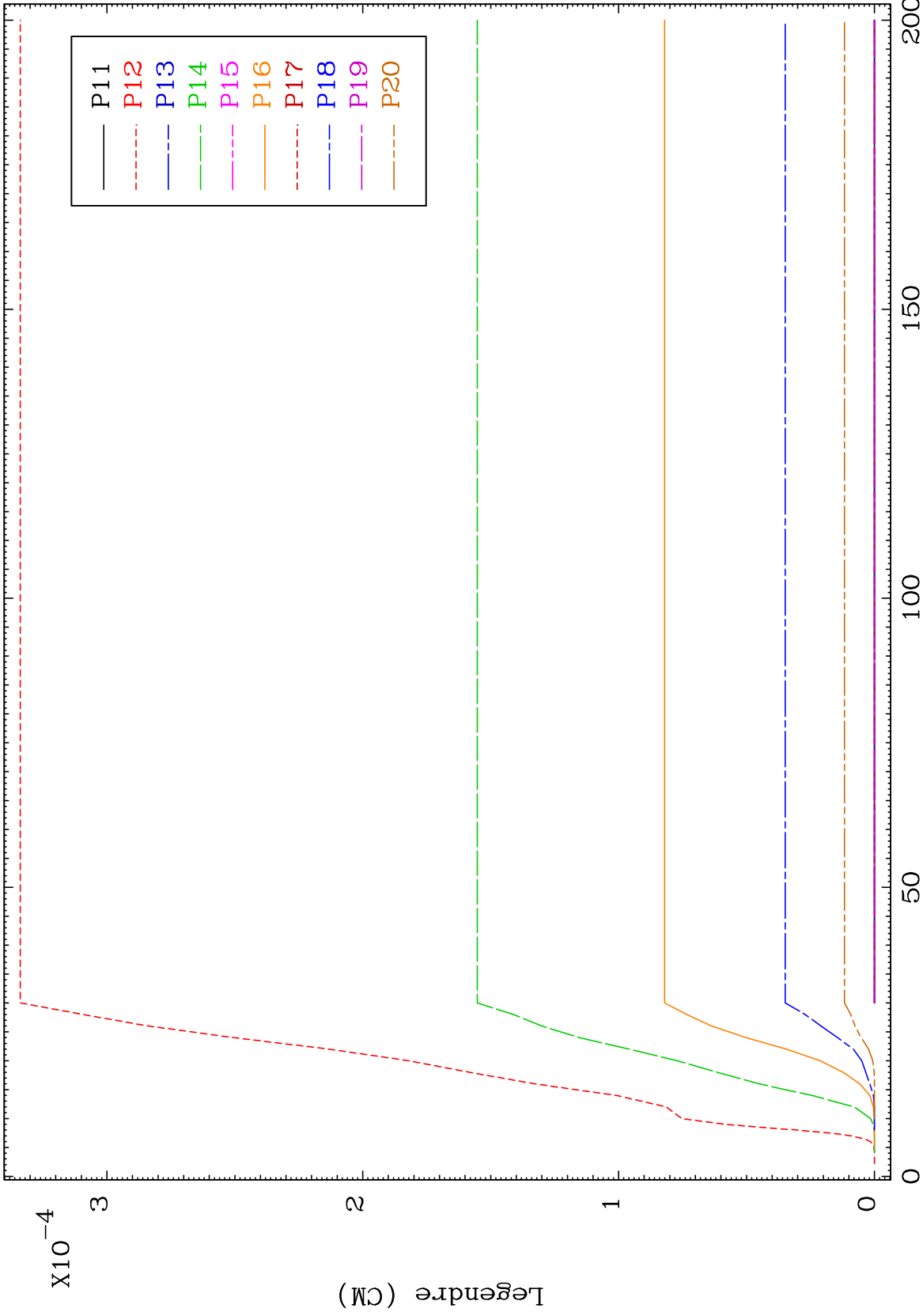
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



42

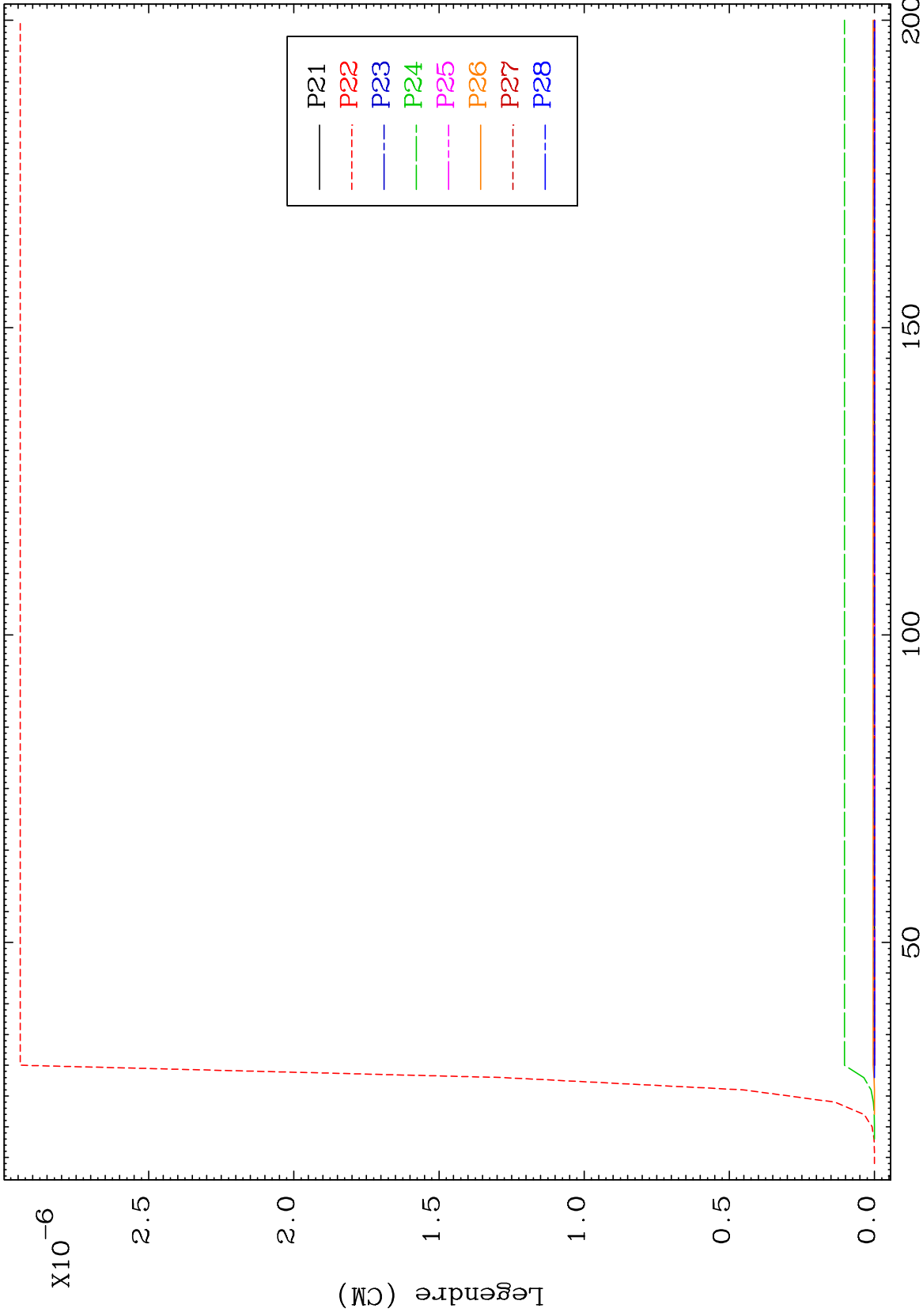
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



43

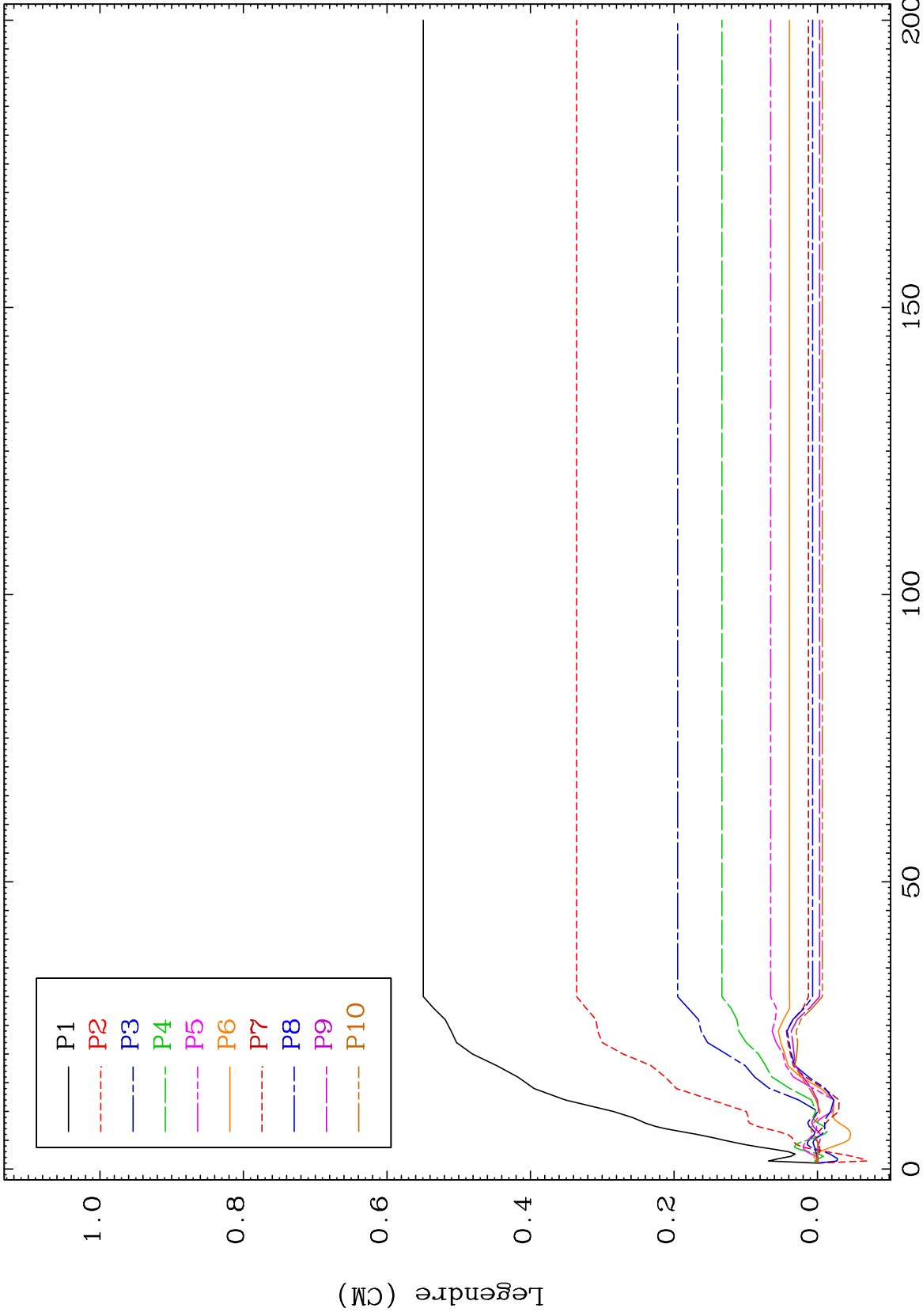
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



44

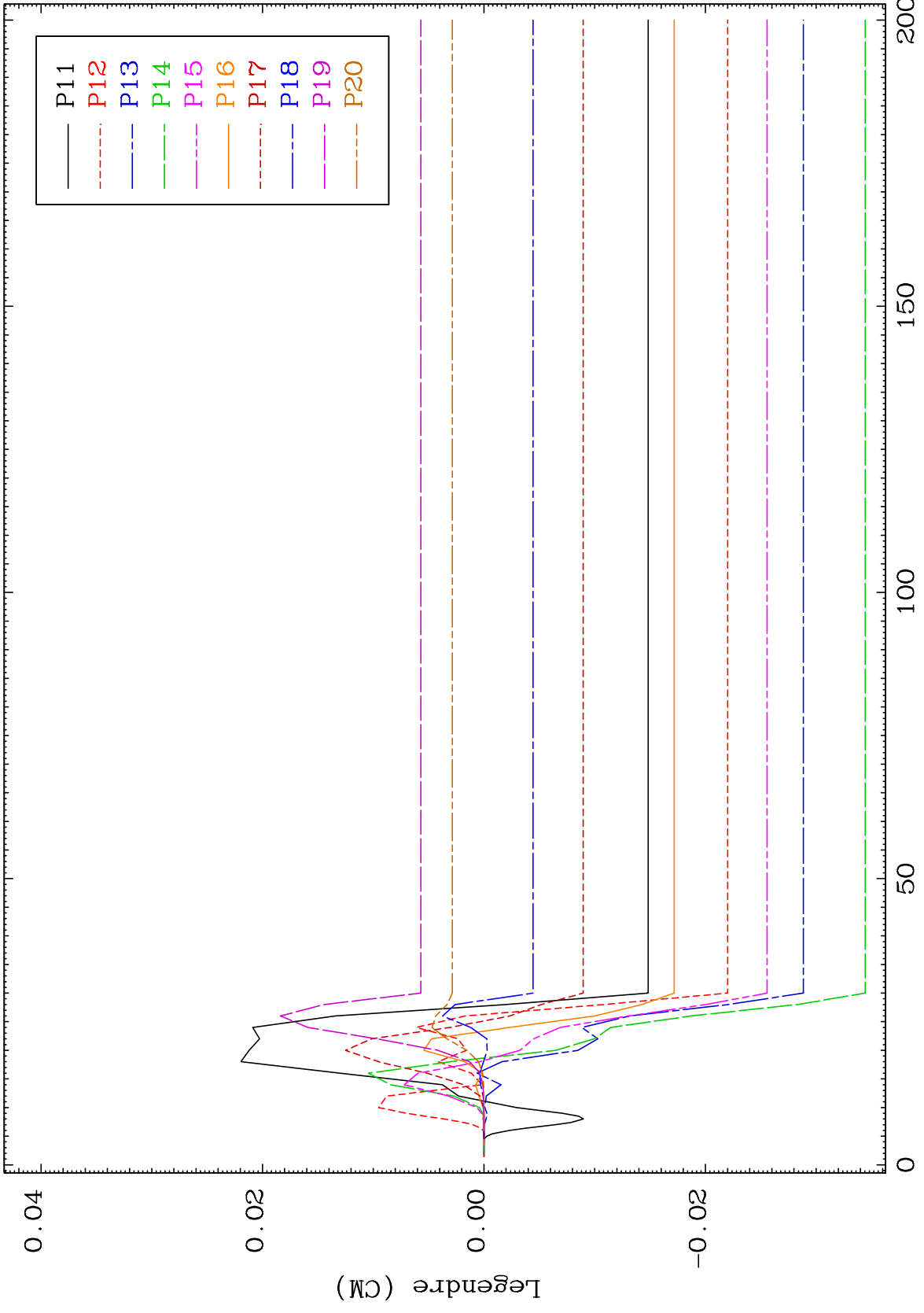
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



45

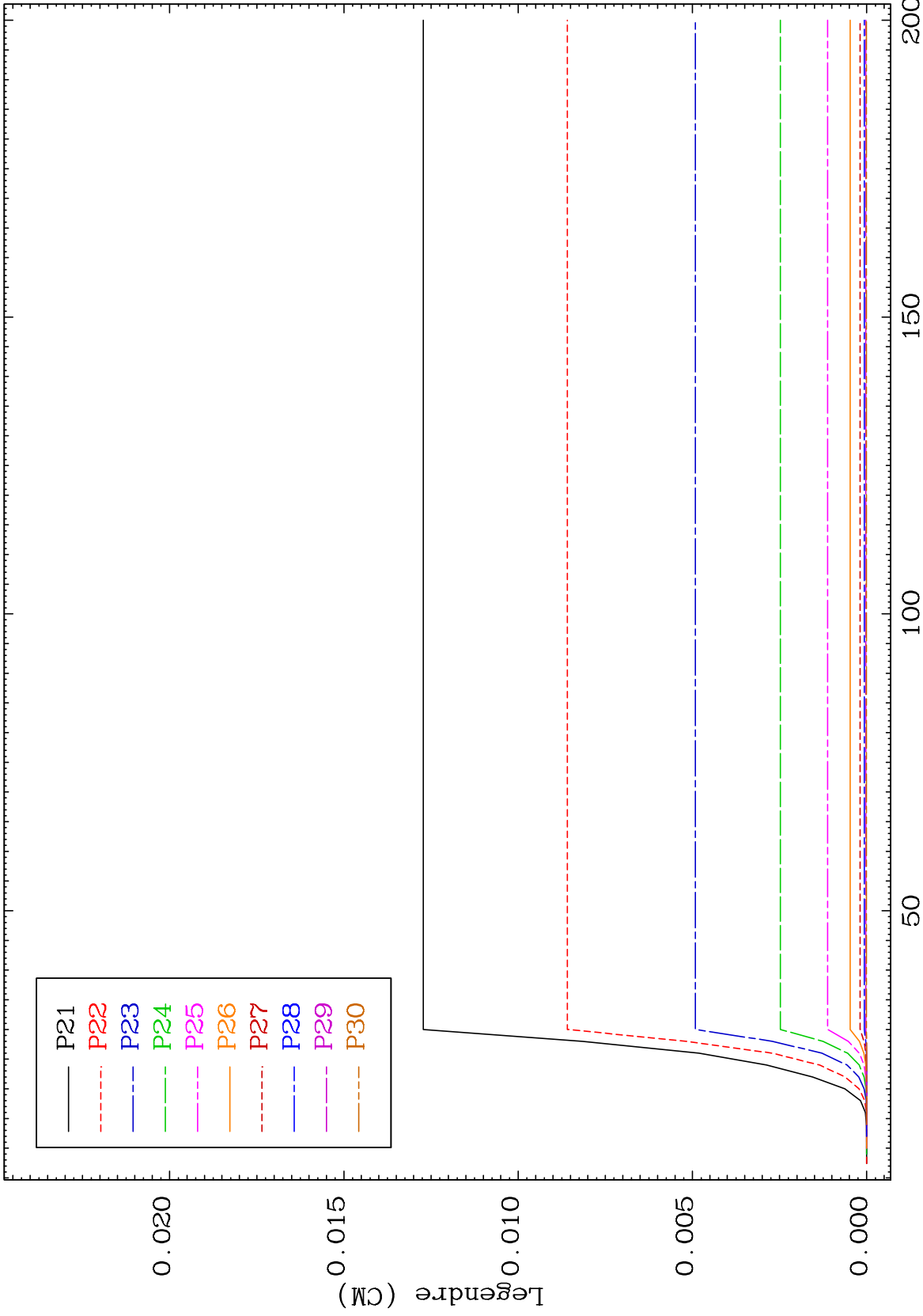
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



46

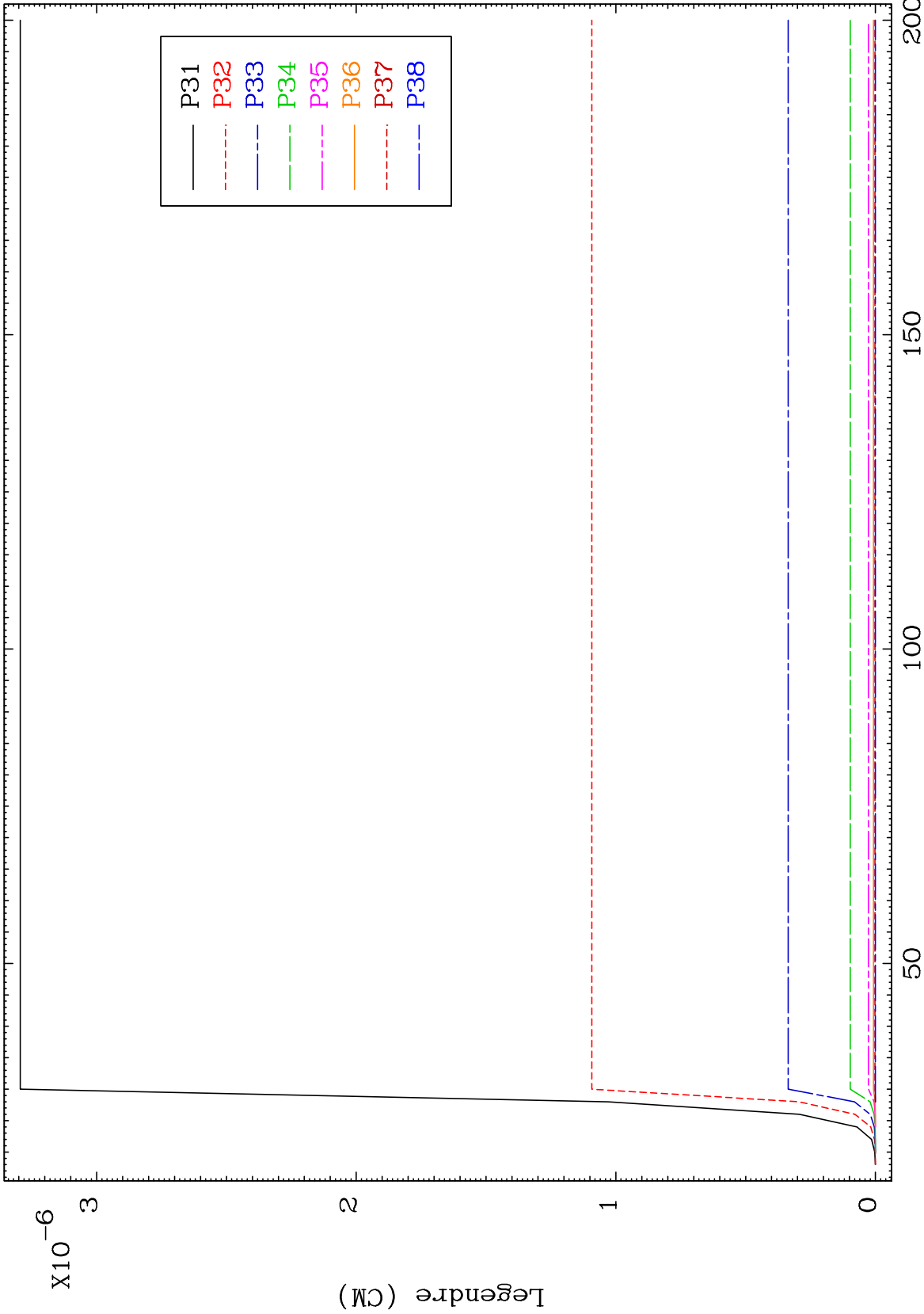
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



47

Incident Energy (MeV)

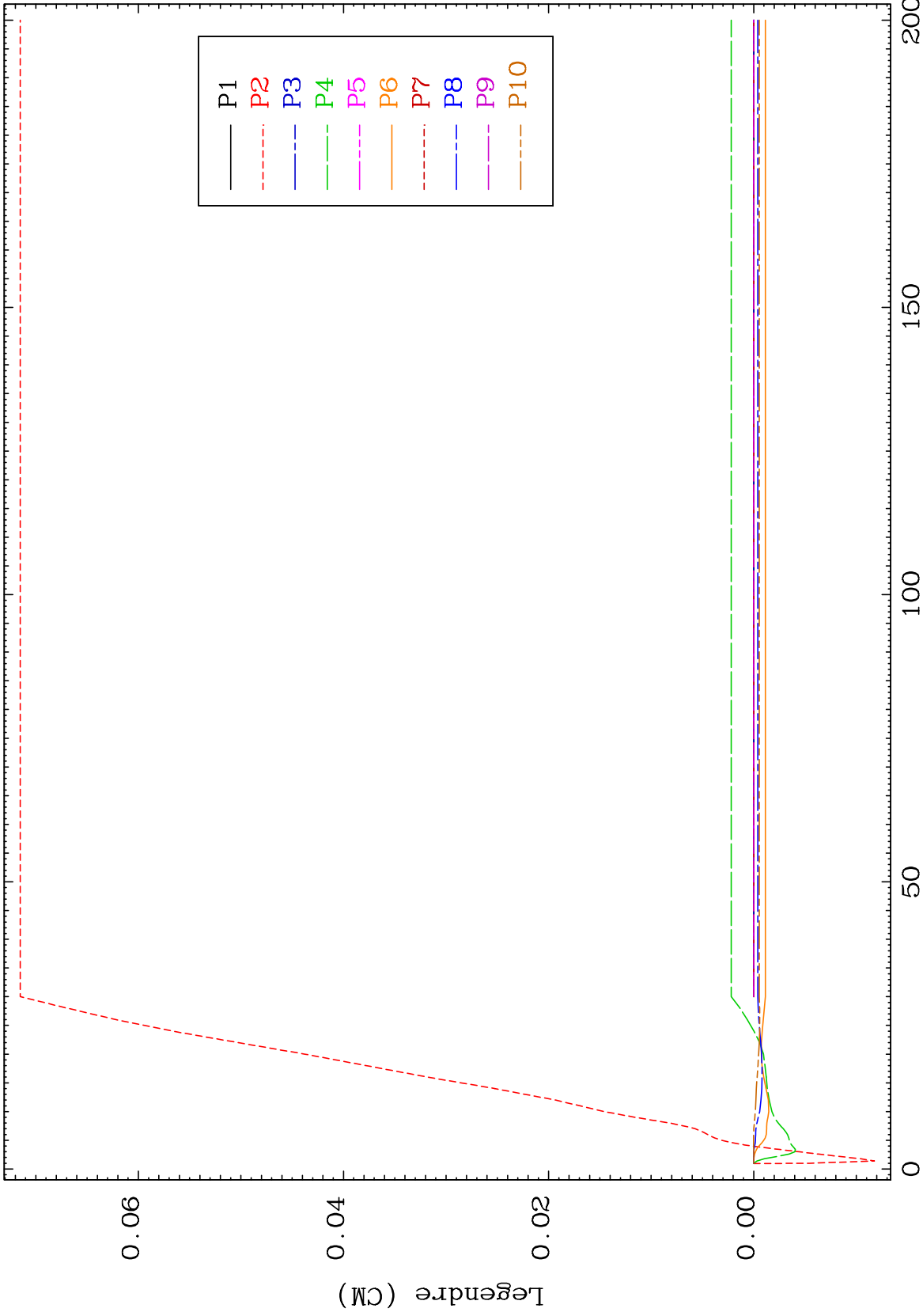
83-Bi-208



MAT 8322

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

83-Bi-208



48

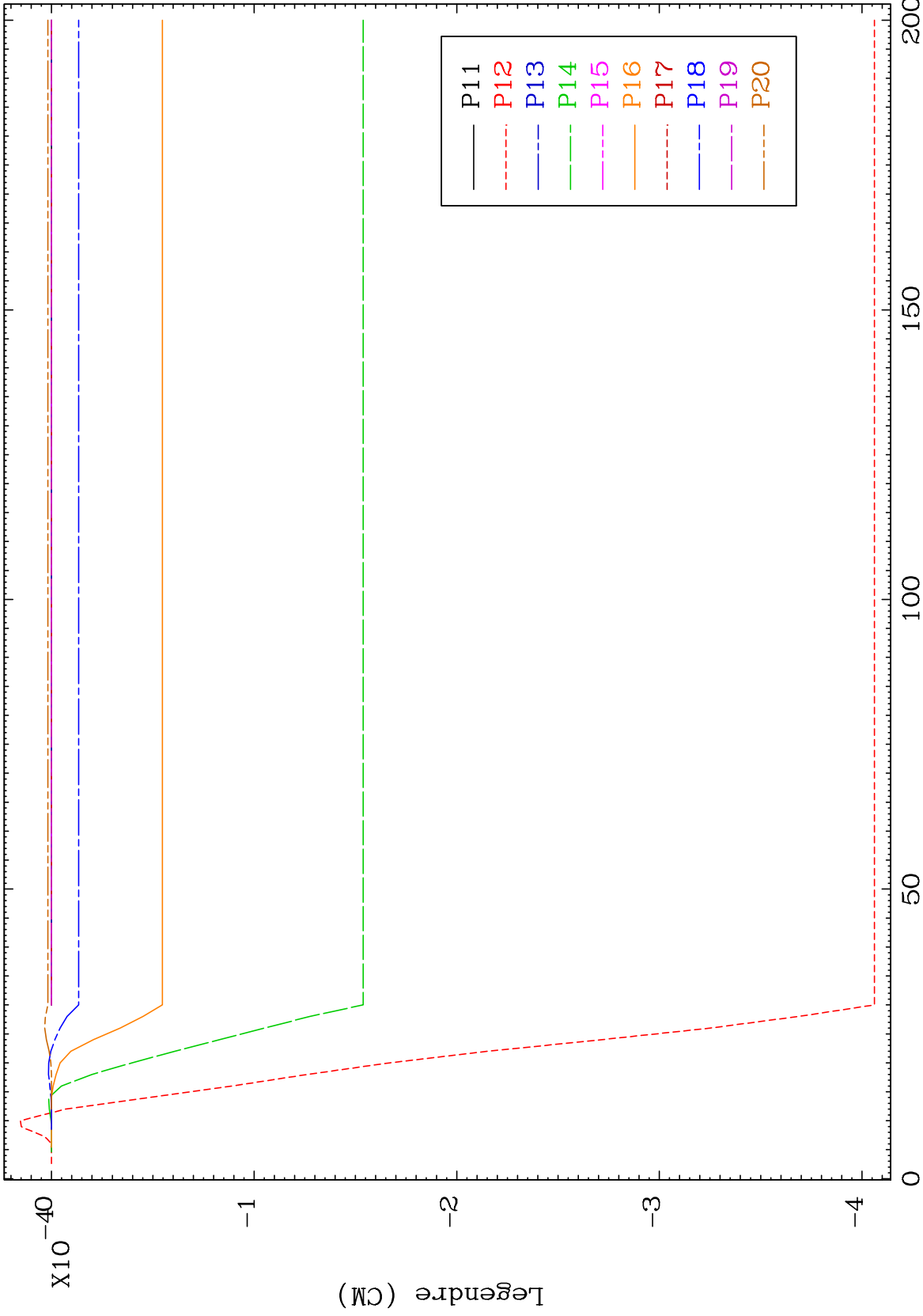
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208

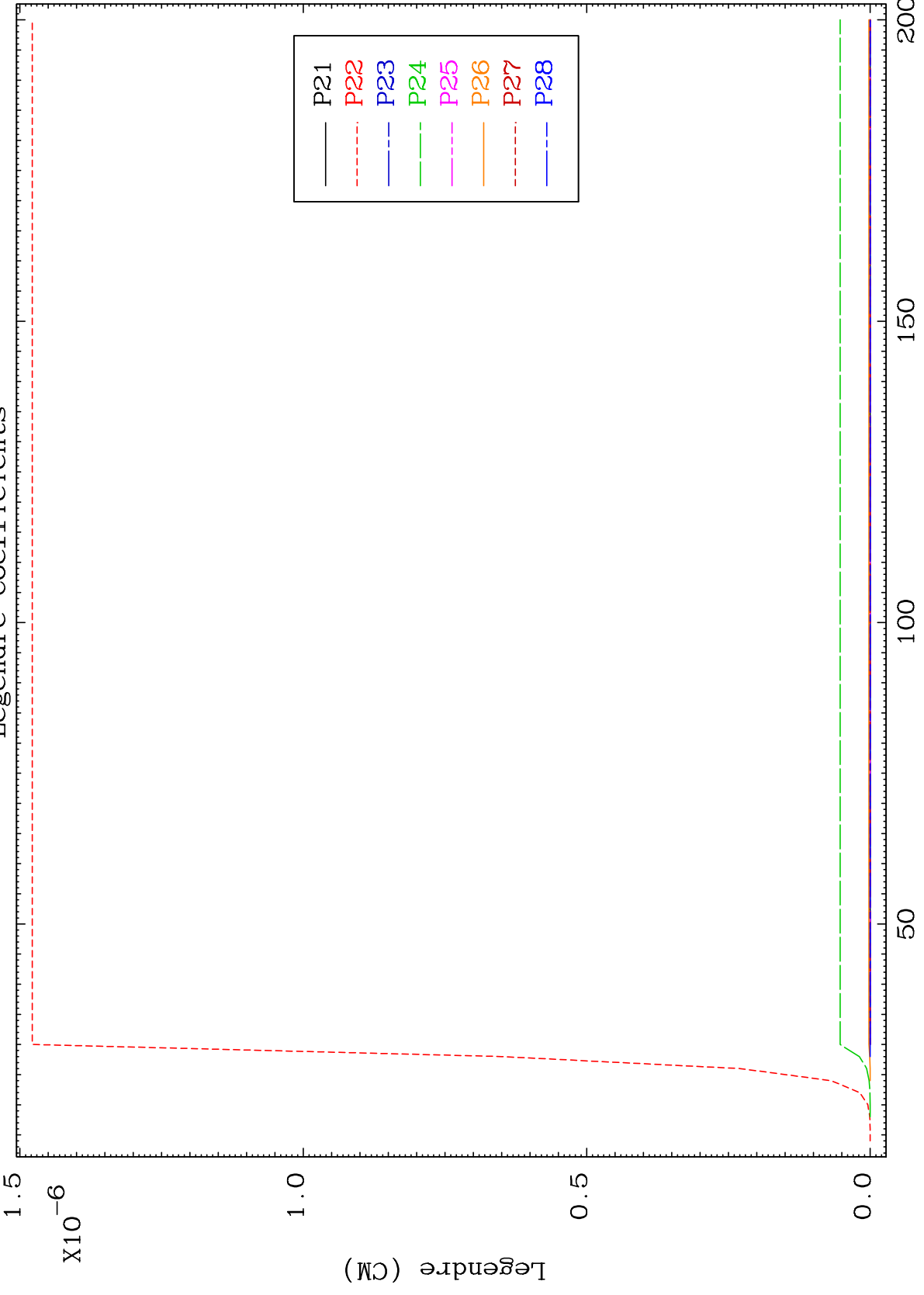


49

Incident Energy (MeV)

83-Bi-208

MAT 8322 MT= 59 (n,n') Level Legendre Coefficients 83-Bi-208

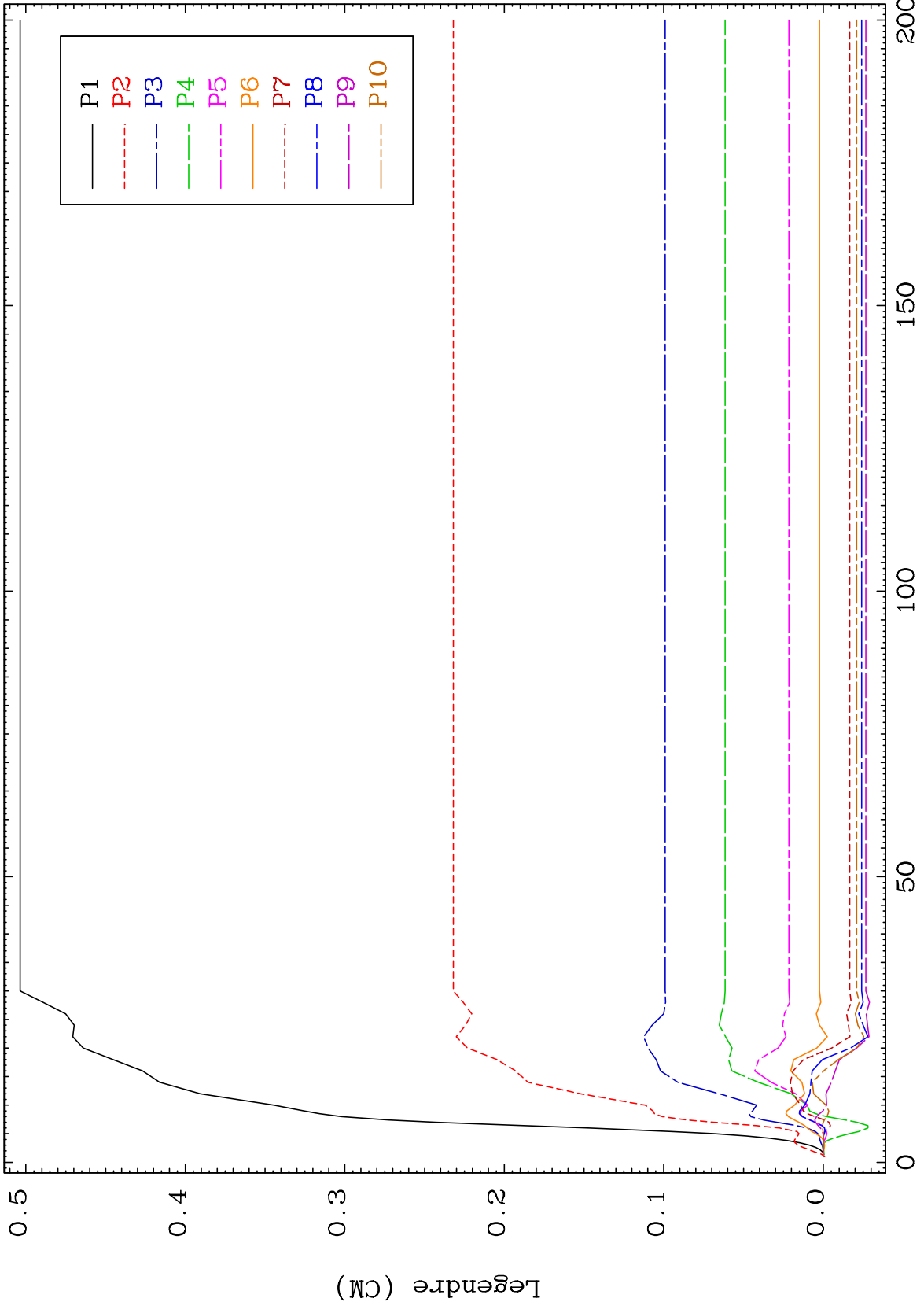


83-Bi-208

MAT 8322

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

83-Bi-208



51

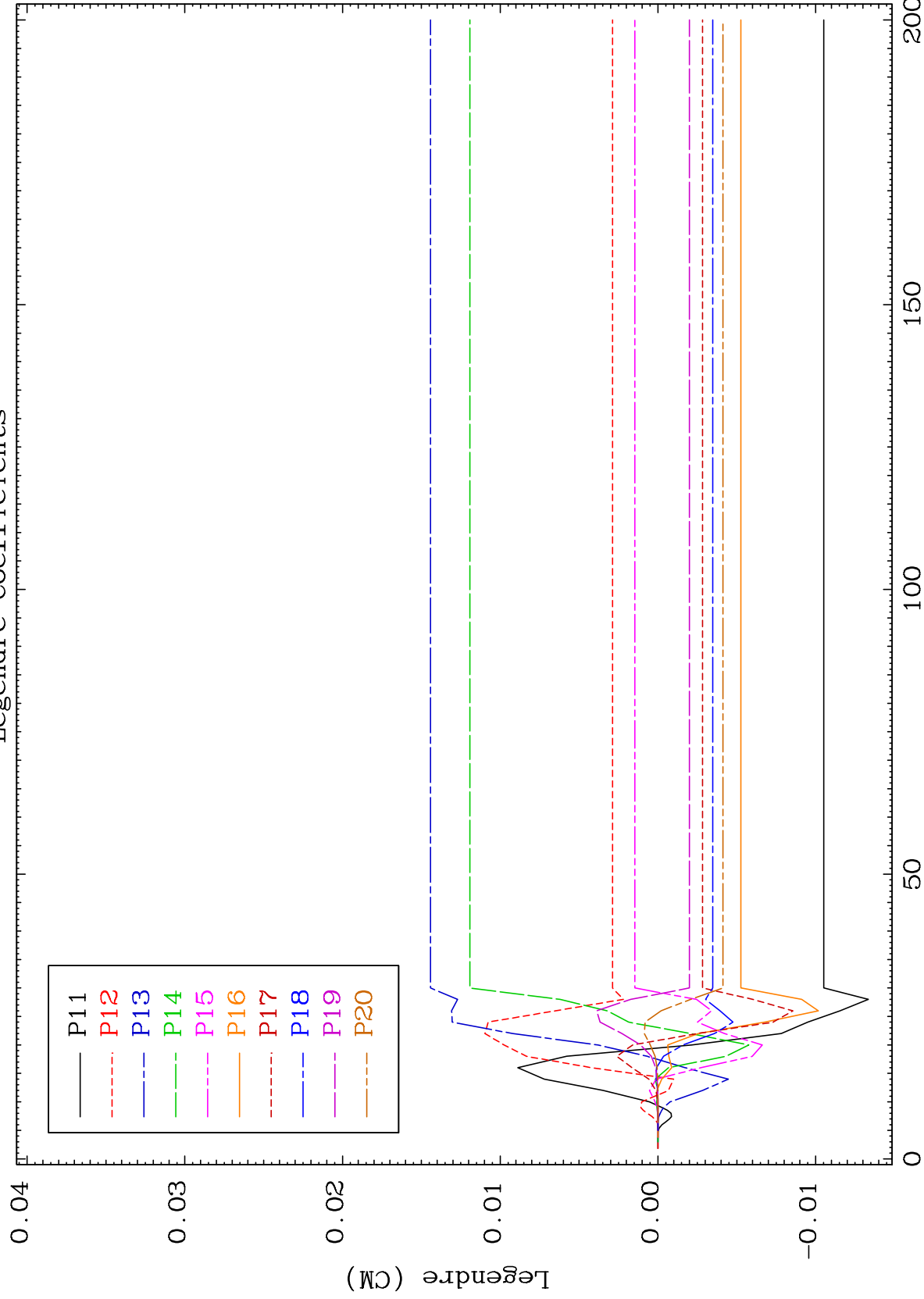
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



52

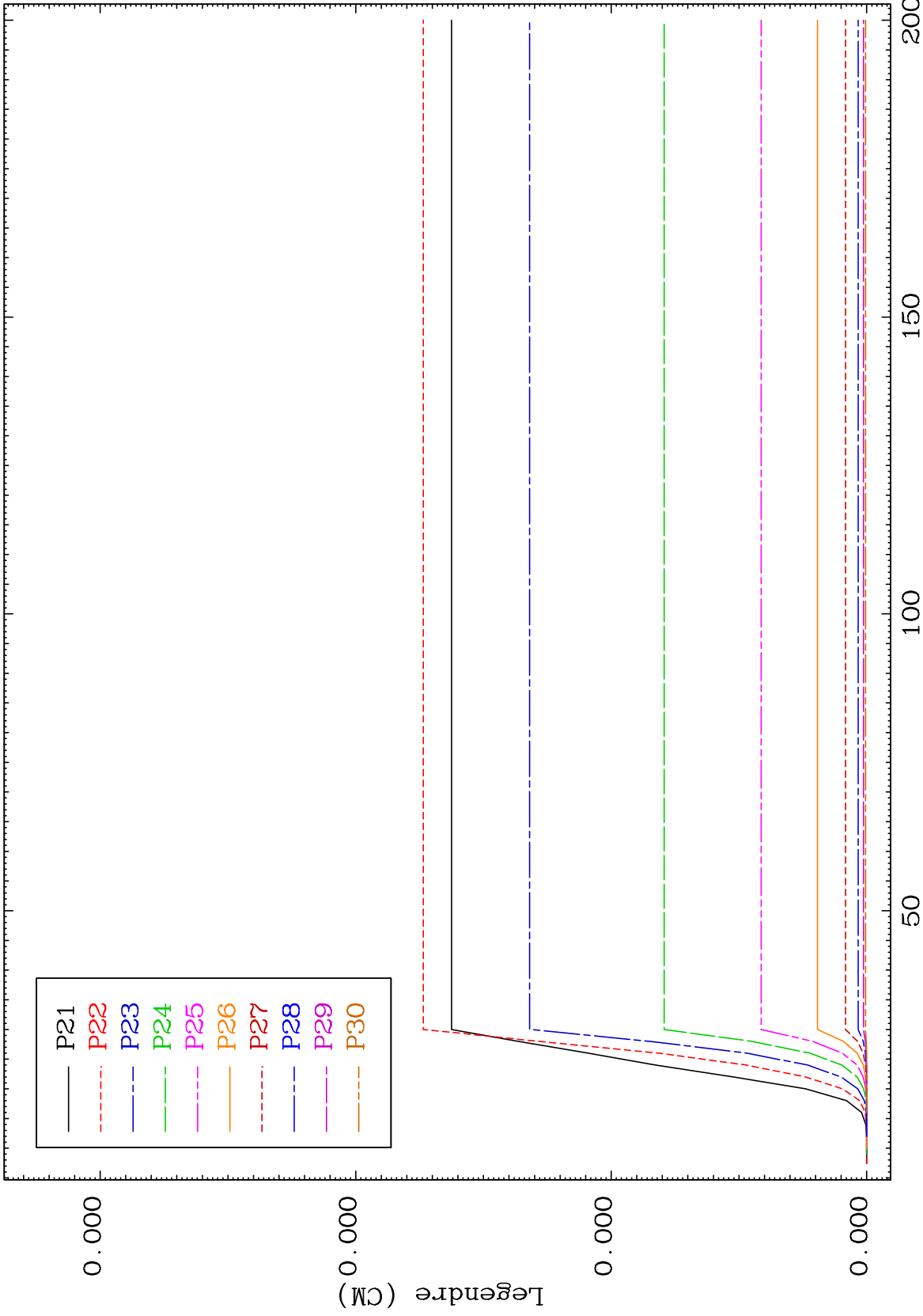
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



53

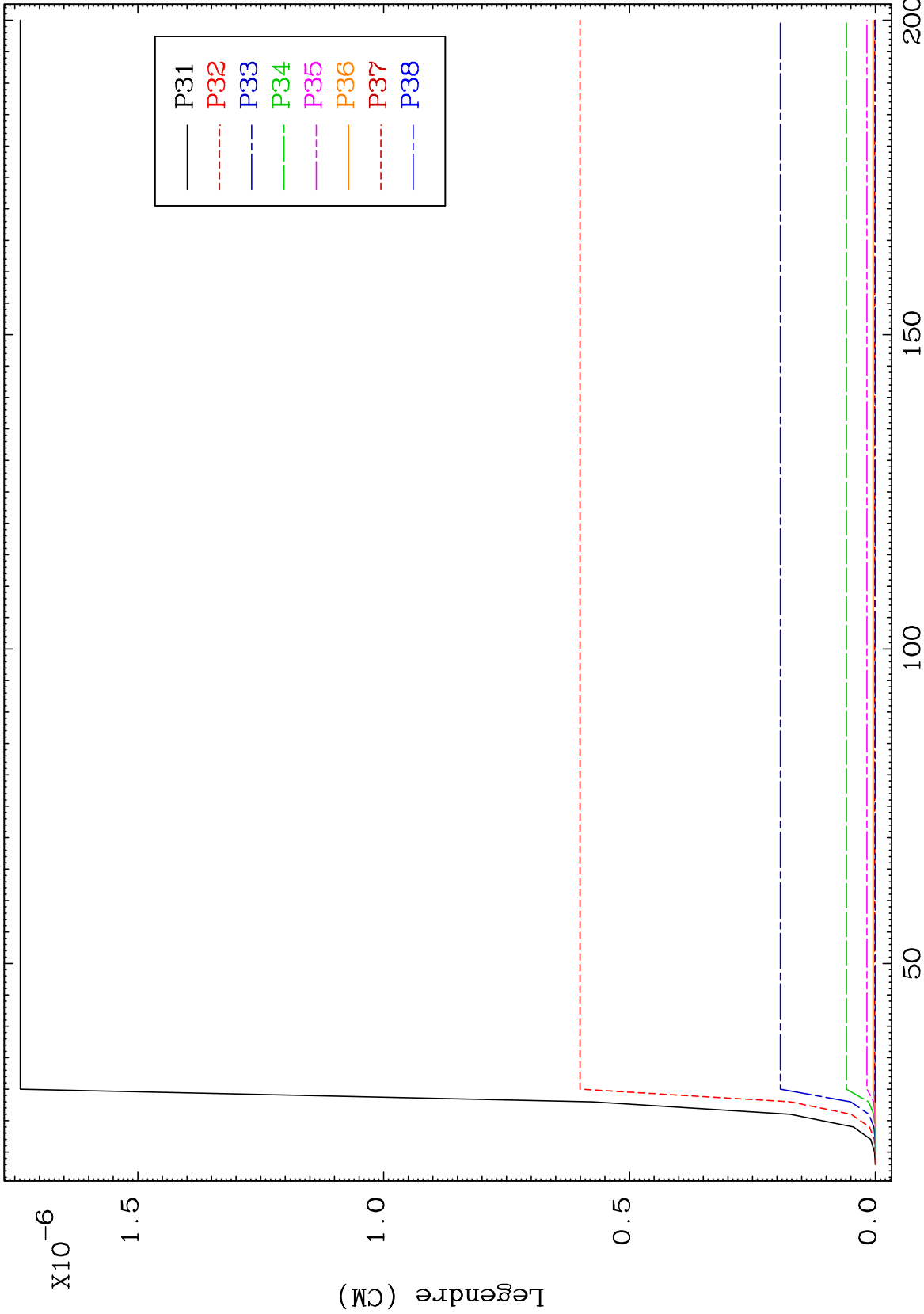
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



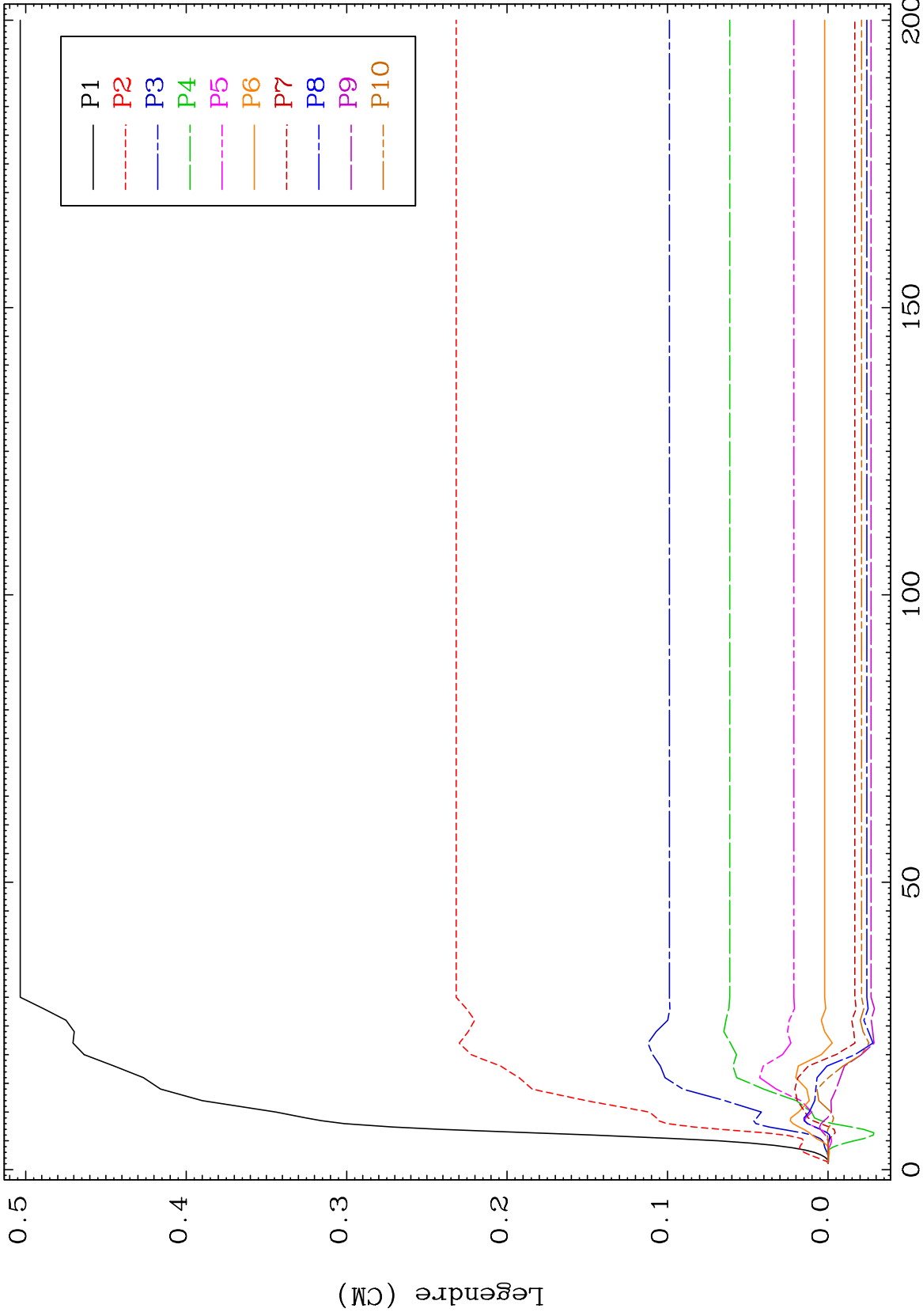
54

83-Bi-208

MAT 8322

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

83-Bi-208



55

Incident Energy (MeV)

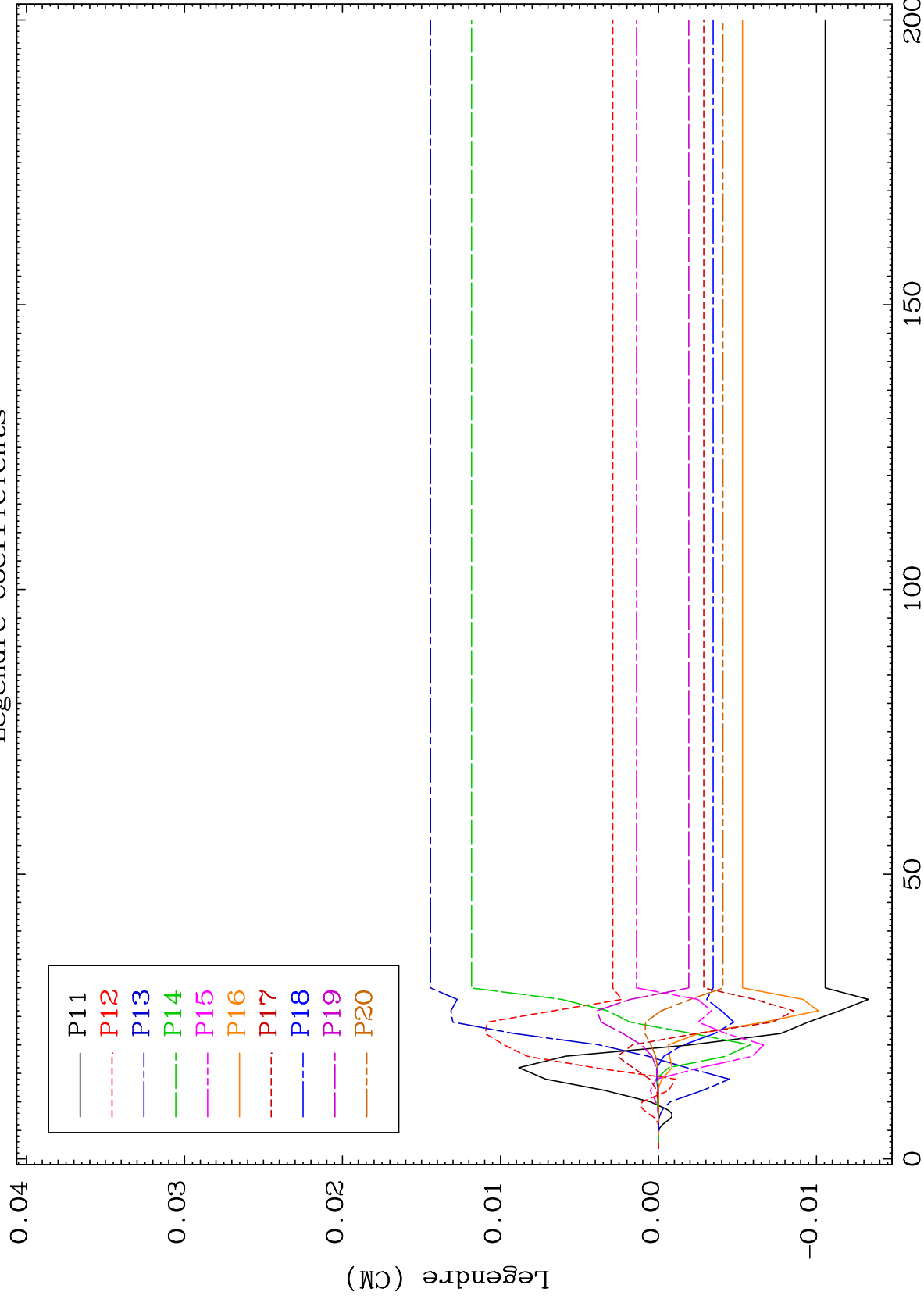
83-Bi-208



MAT 8322

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

83-Bi-208



56

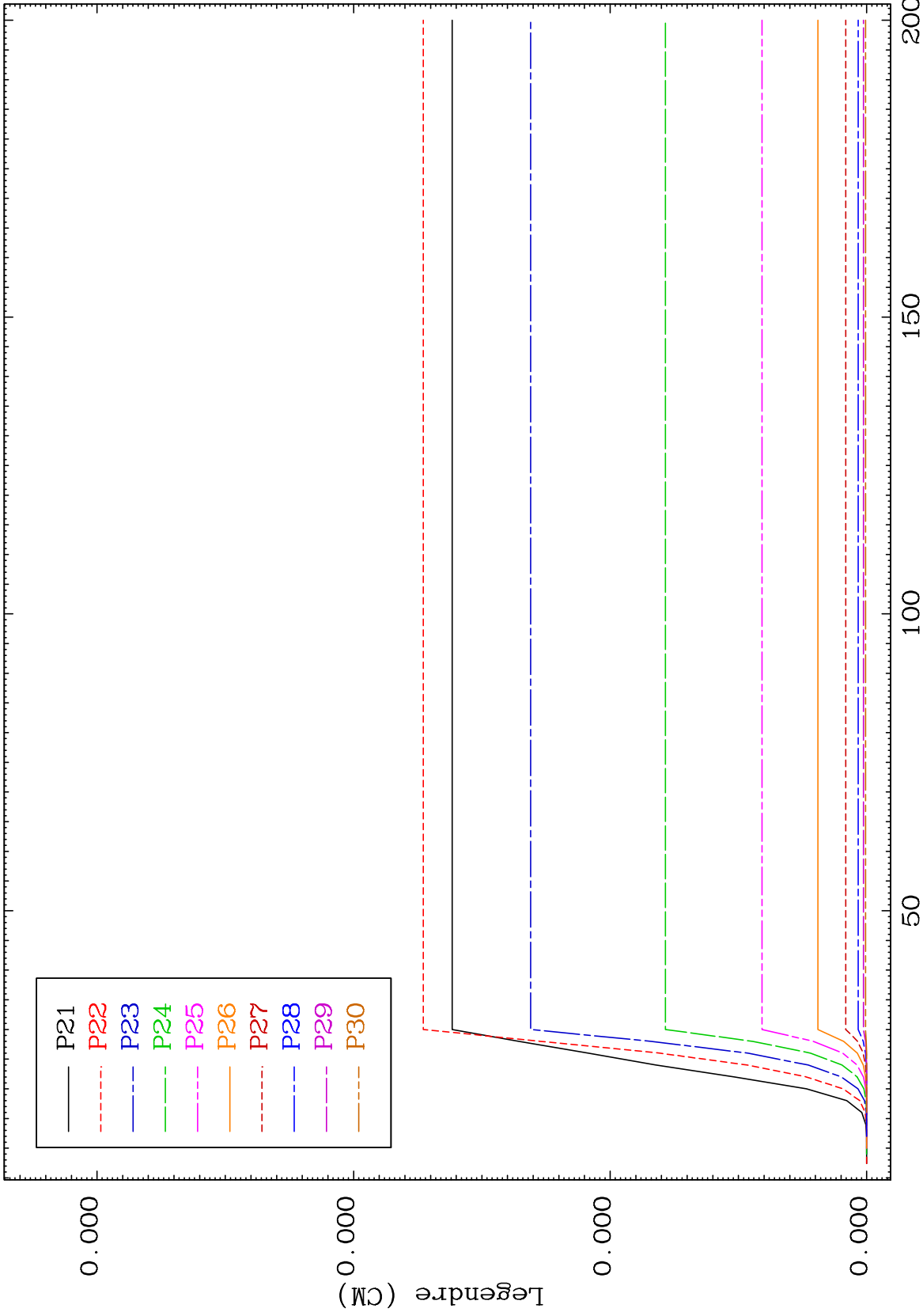
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



57

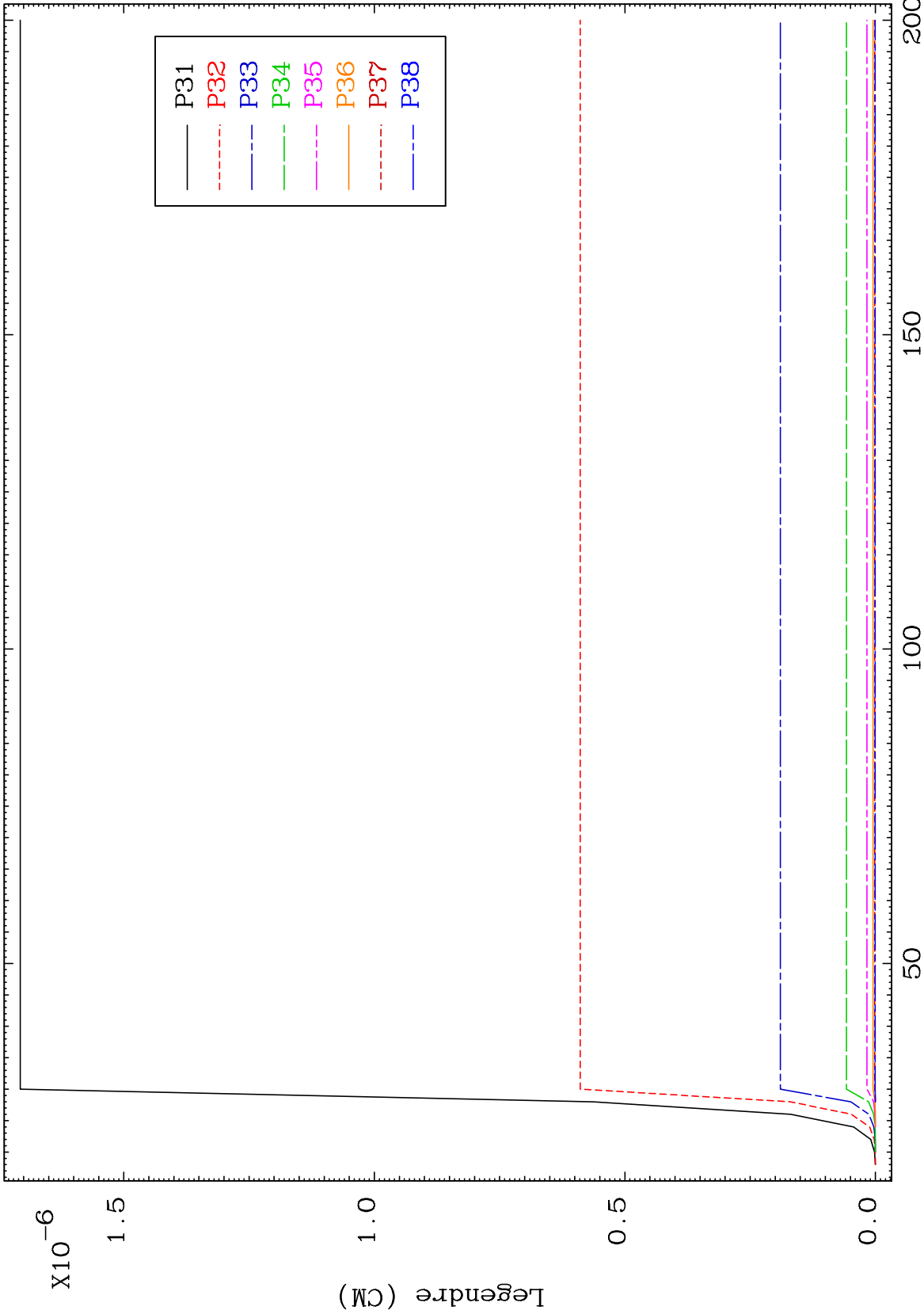
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



58

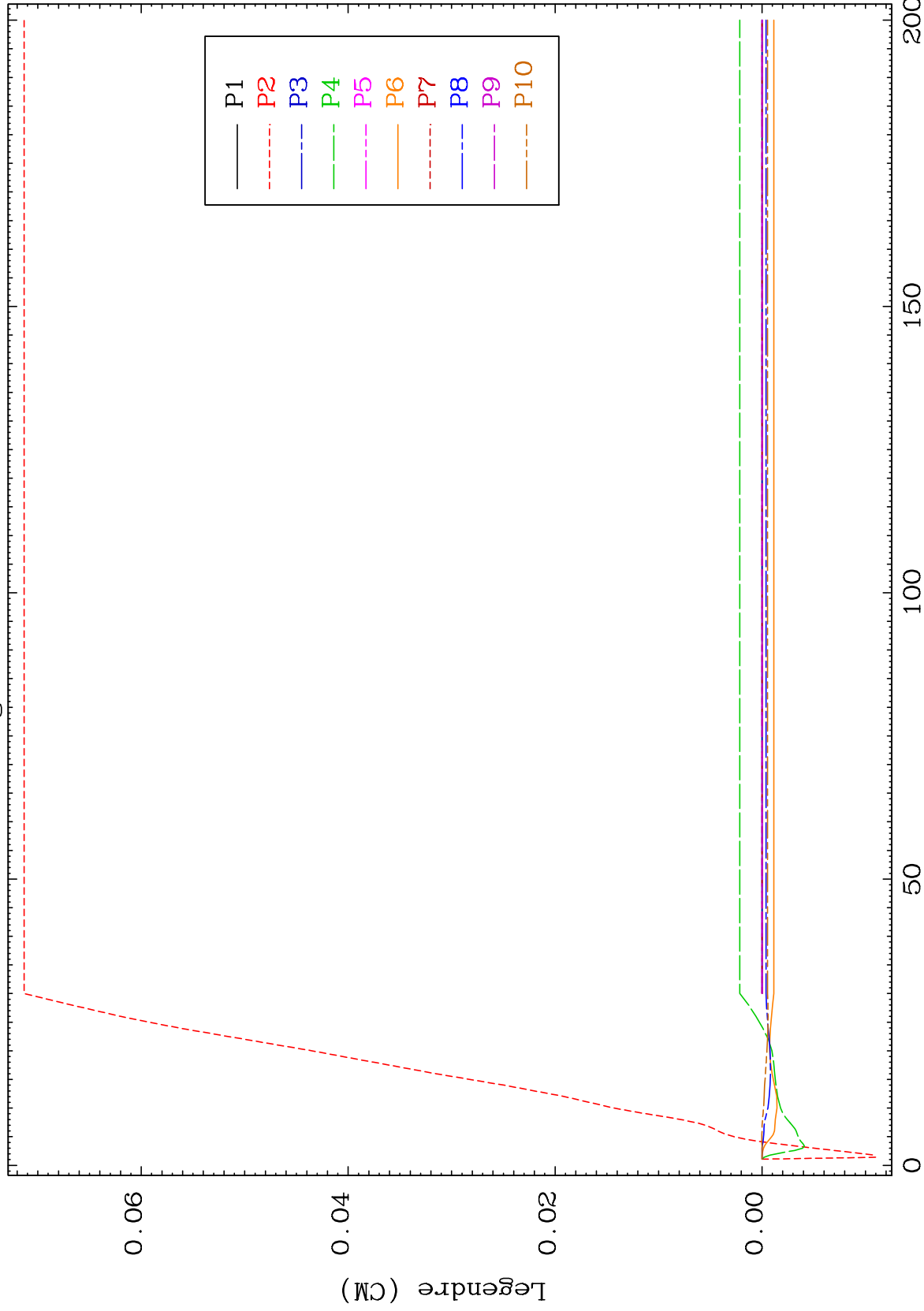
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



59

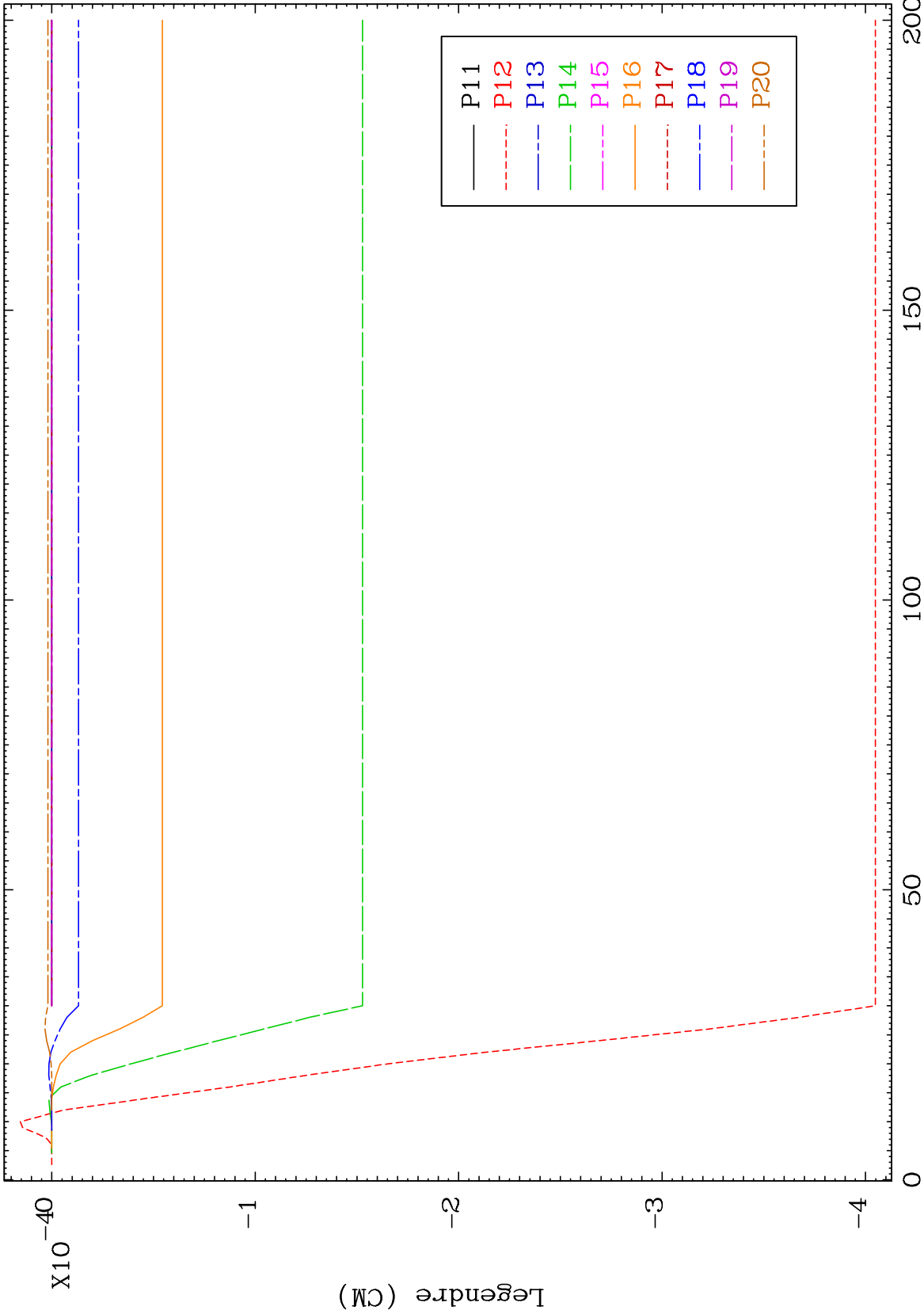
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



60

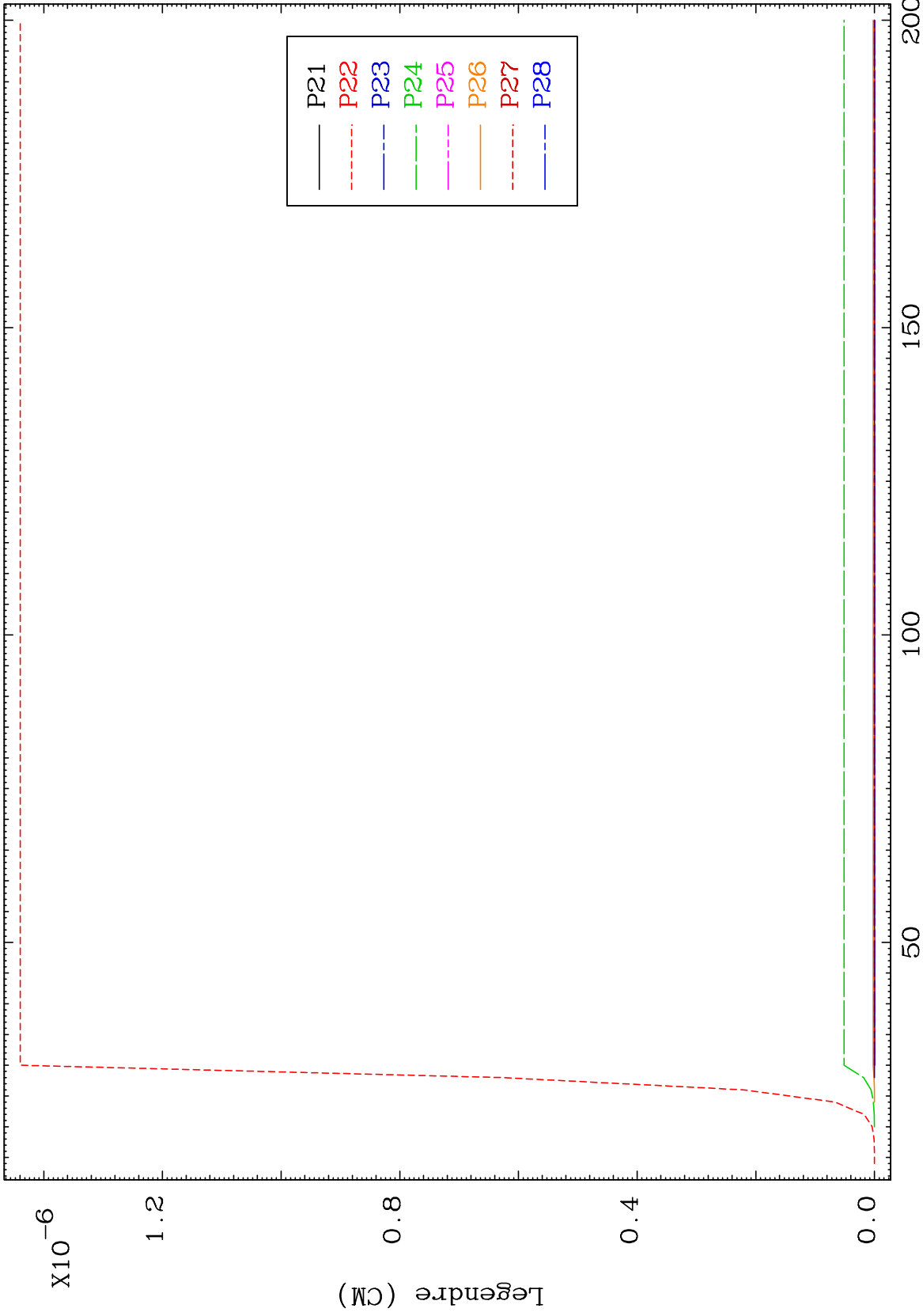
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



61

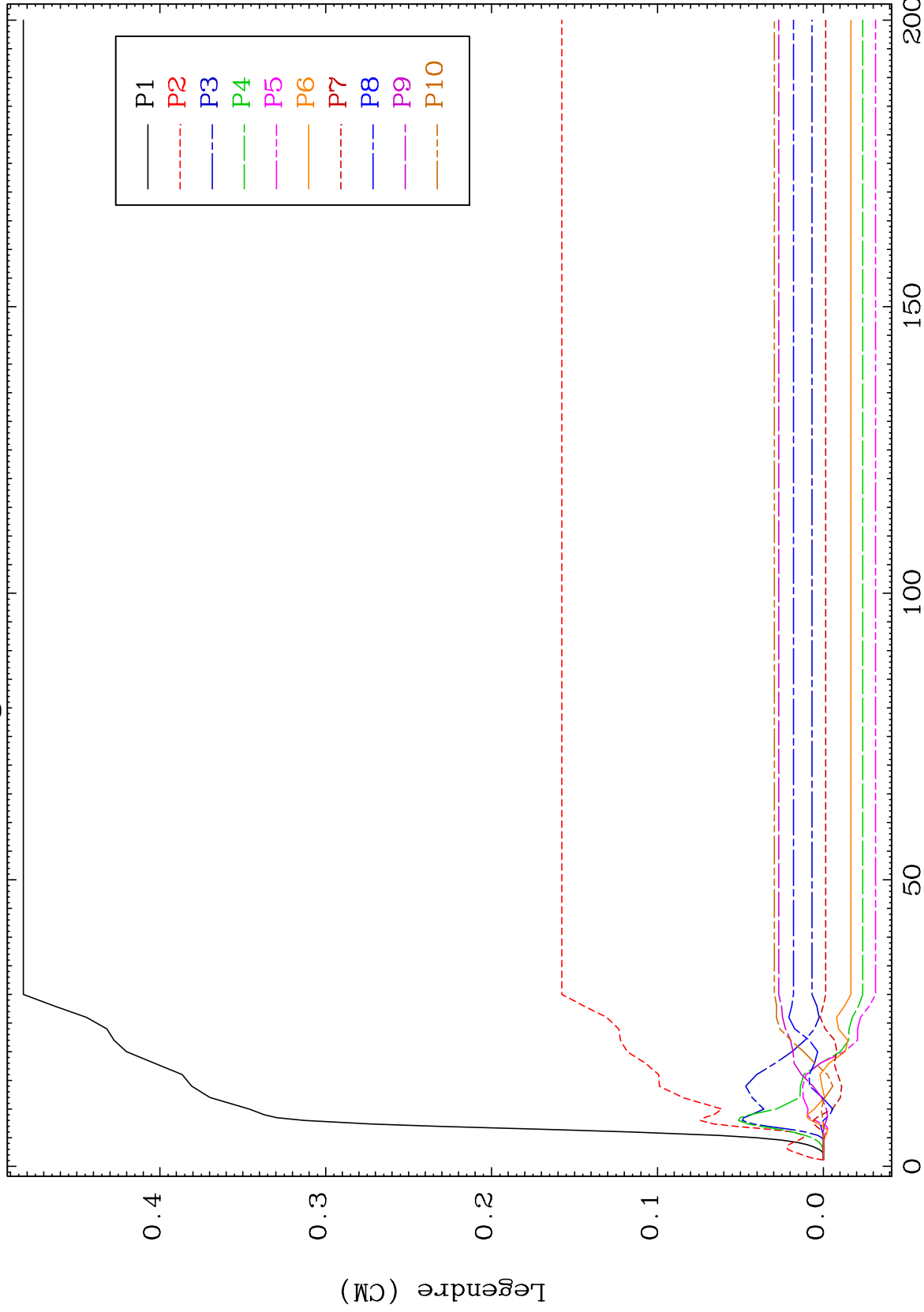
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



62

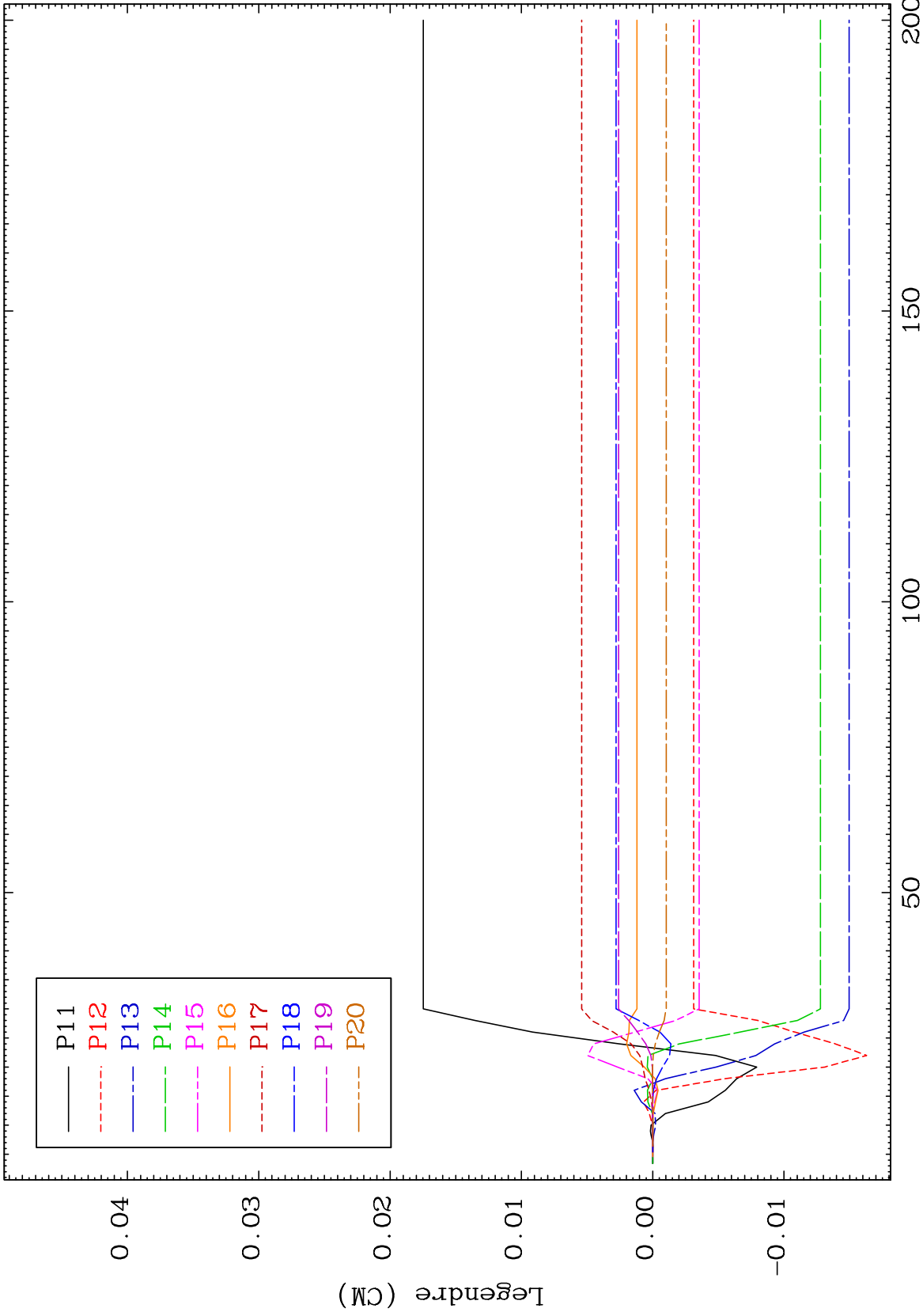
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



63

Incident Energy (MeV)

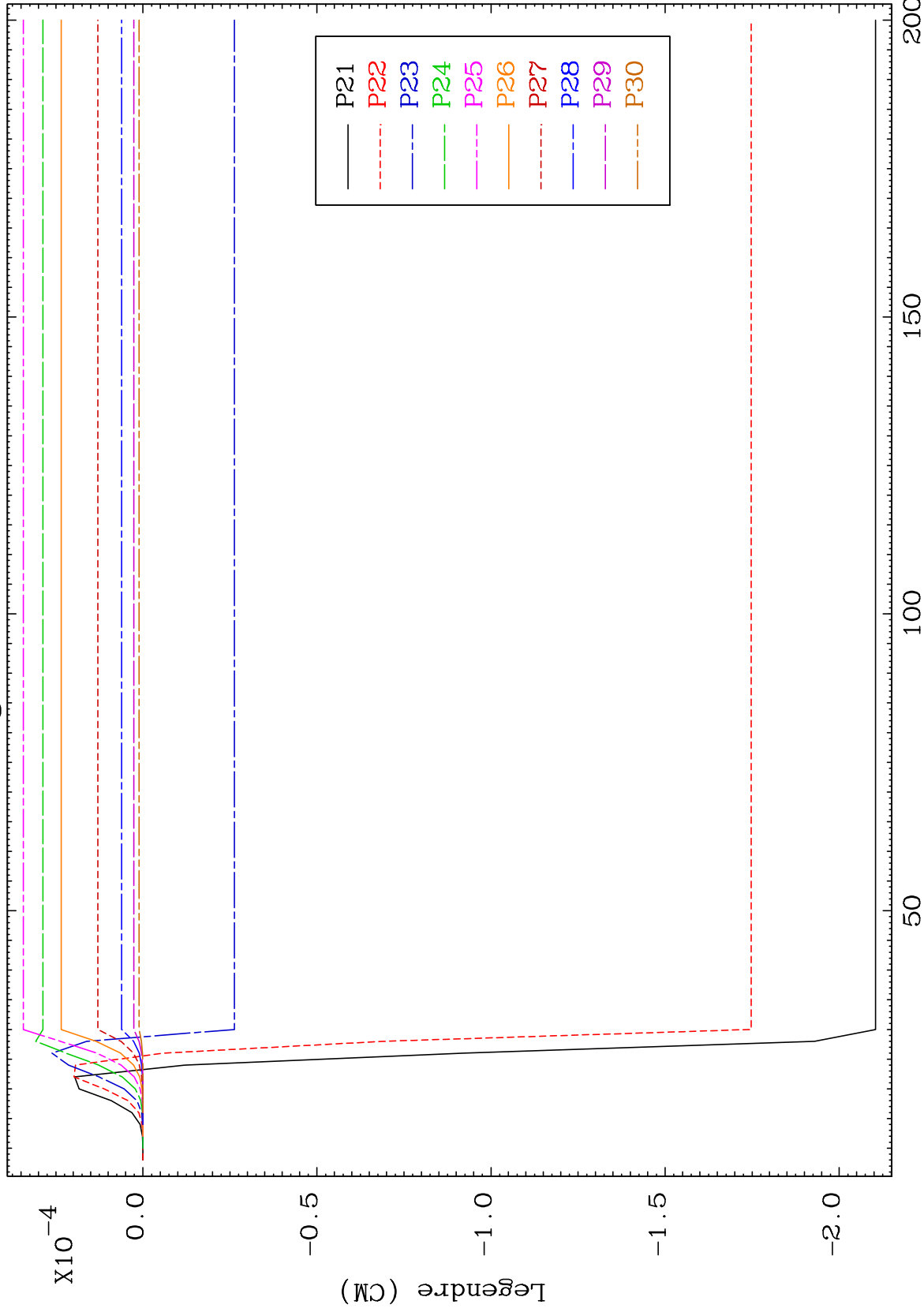
83-Bi-208



MAT 8322

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

83-Bi-208



64

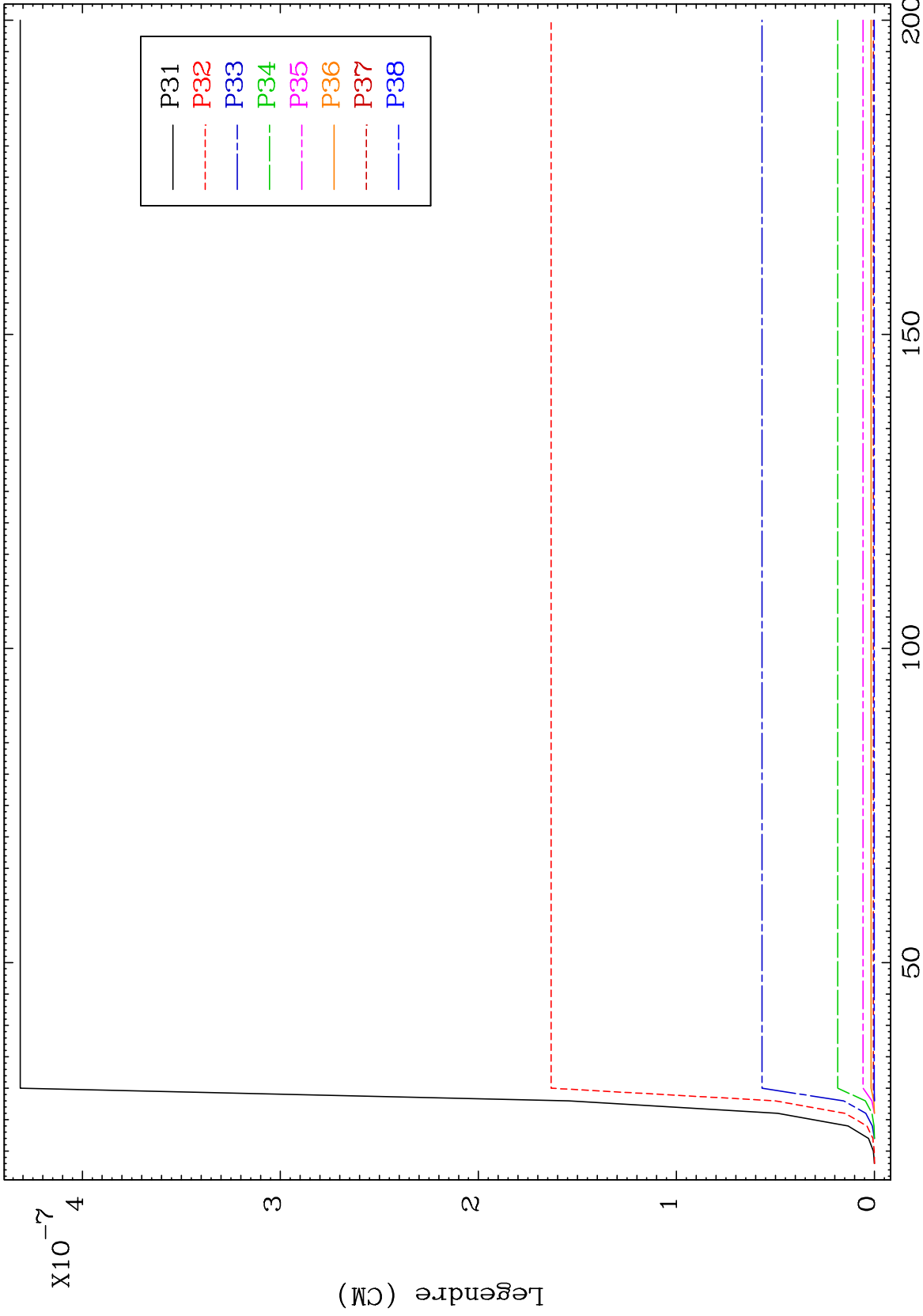
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



65

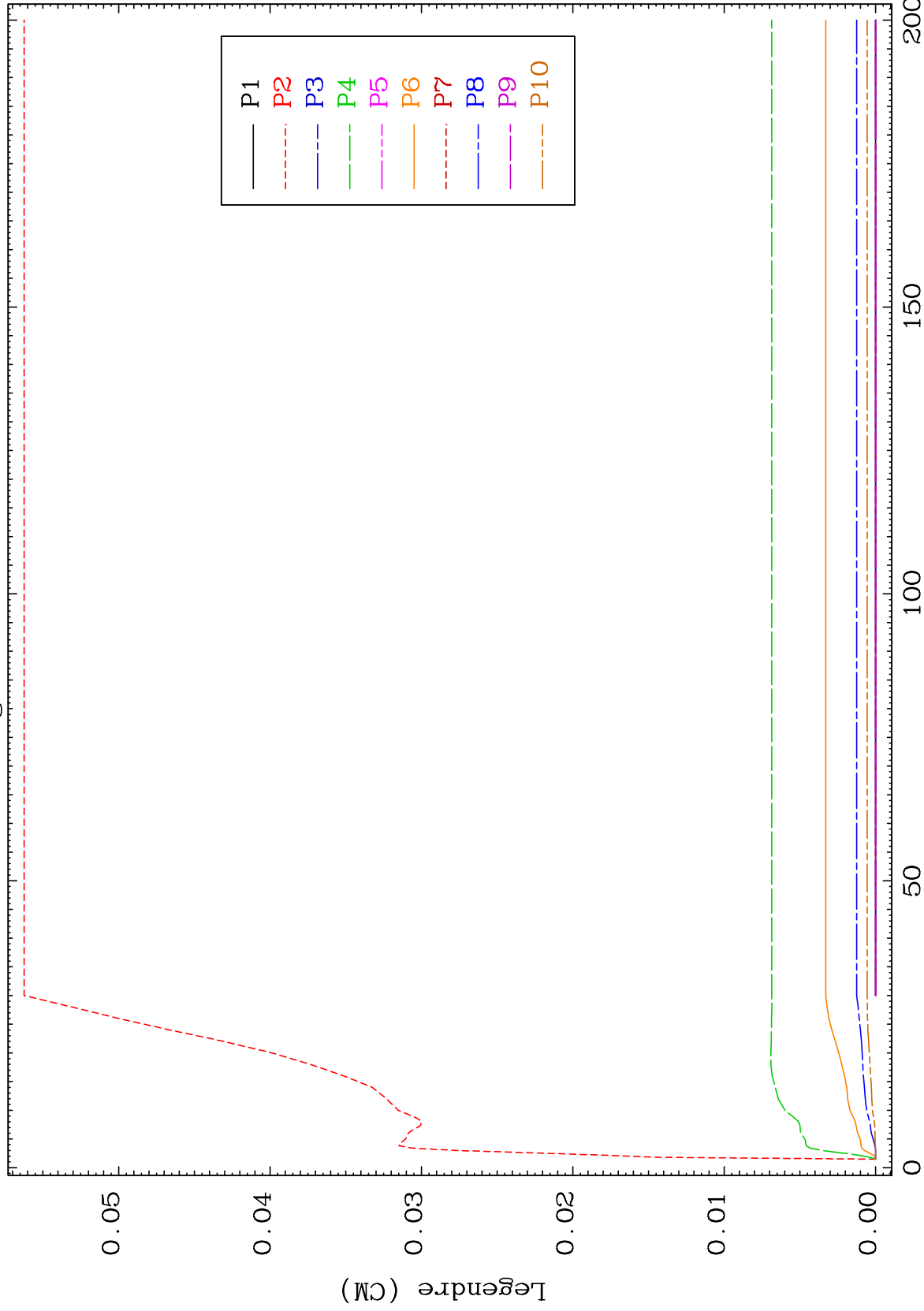
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



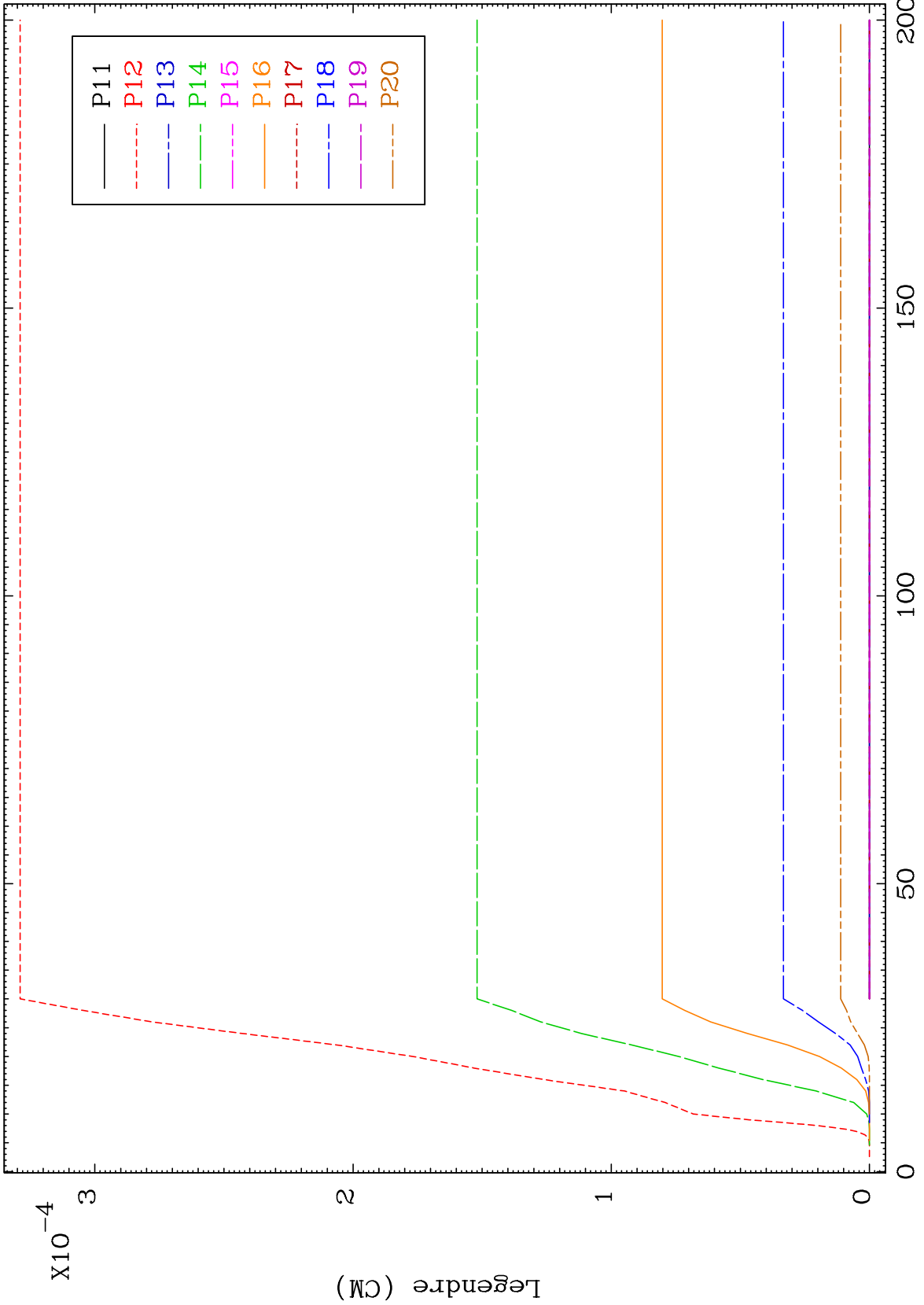
66

83-Bi-208

MAT 8322

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

83-Bi-208



67

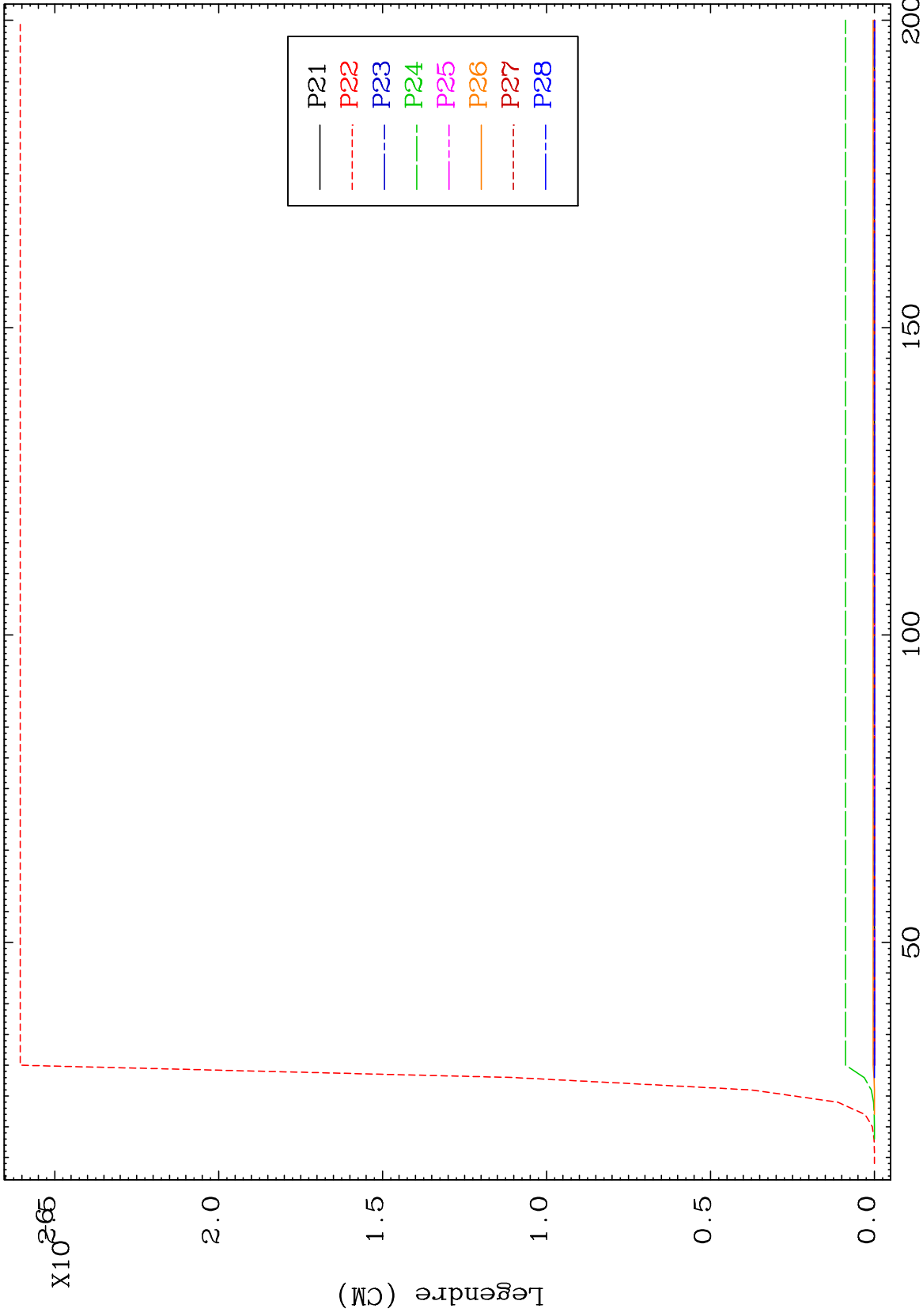
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



68

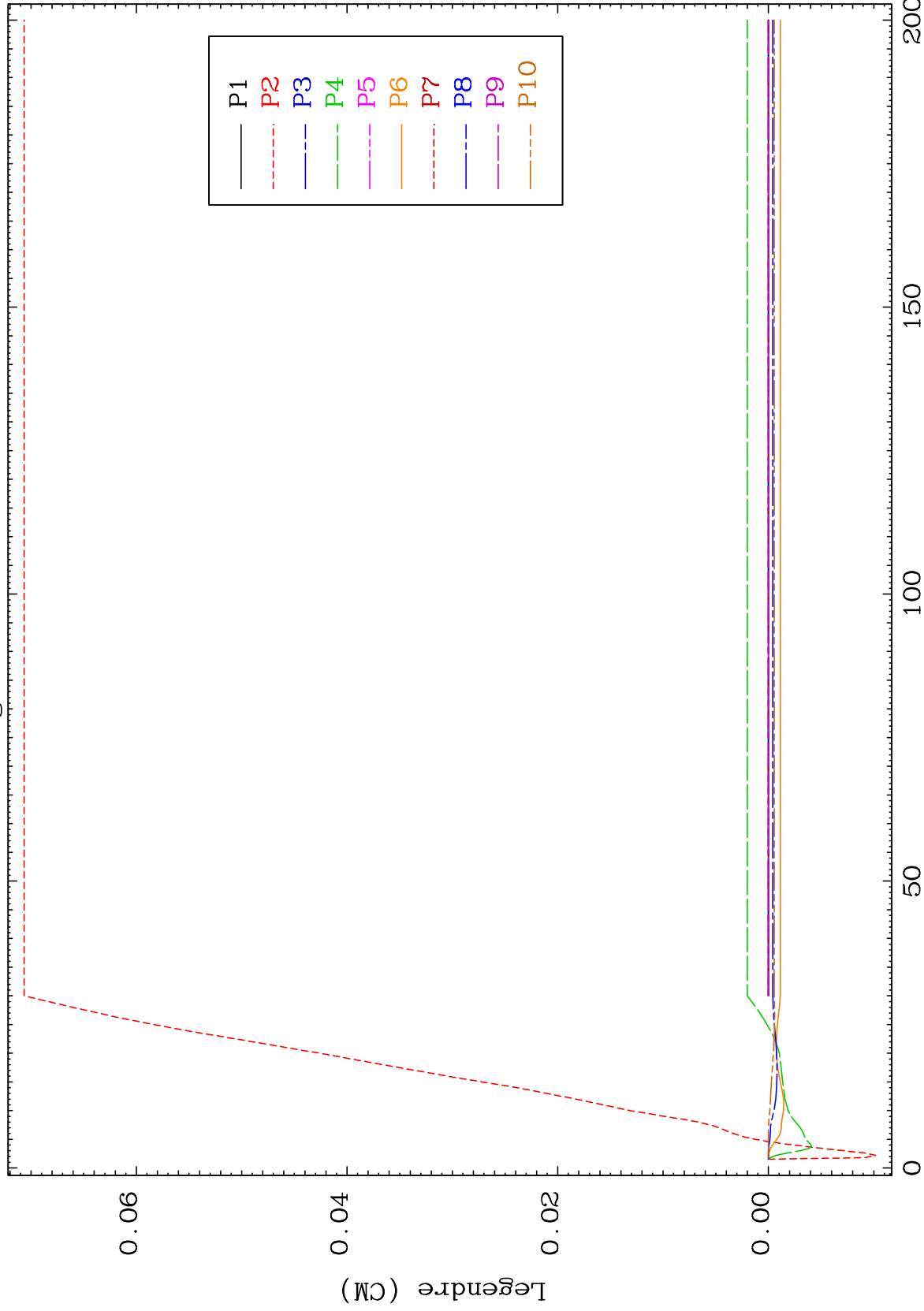
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



69

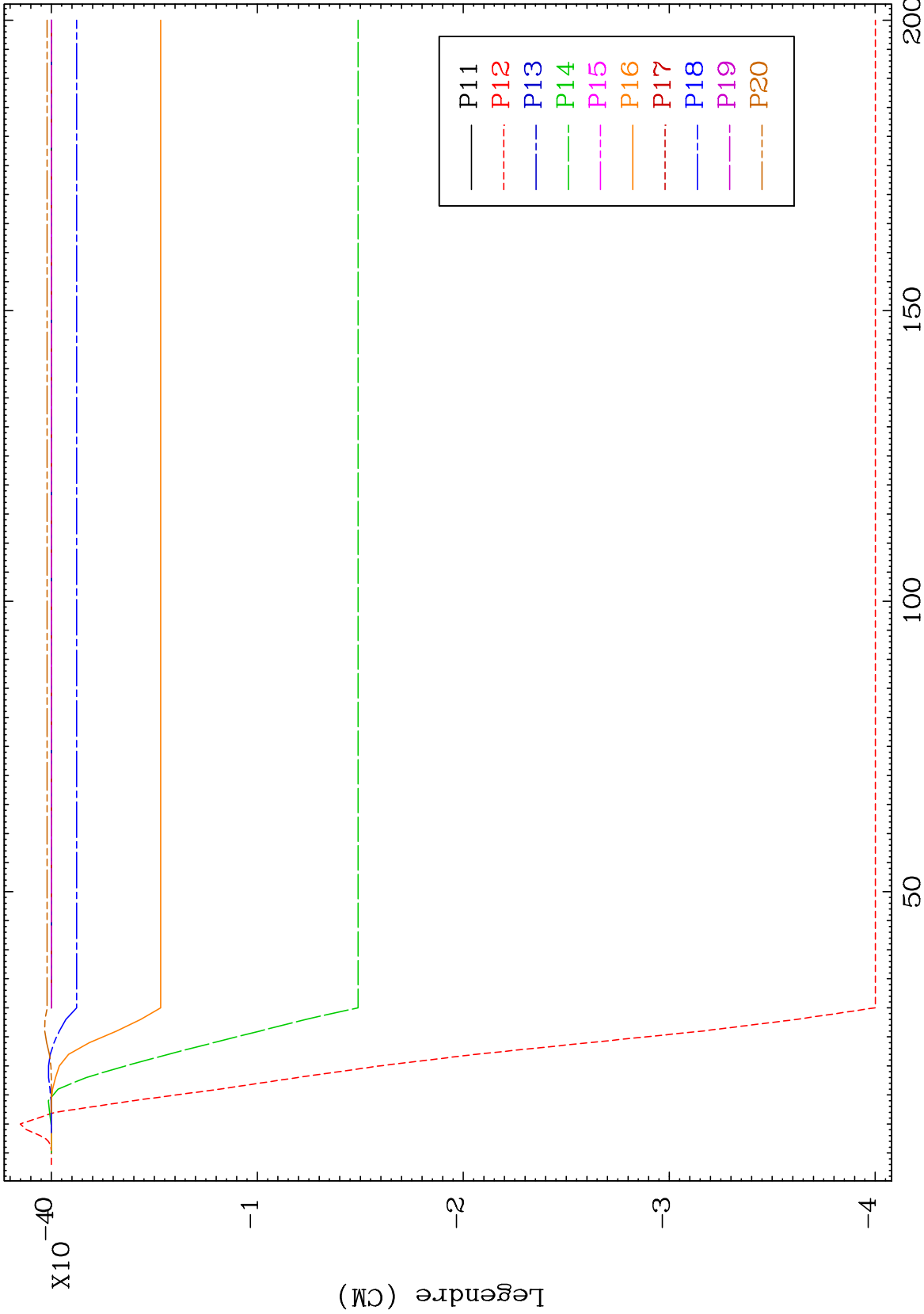
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



70

Incident Energy (MeV)

150

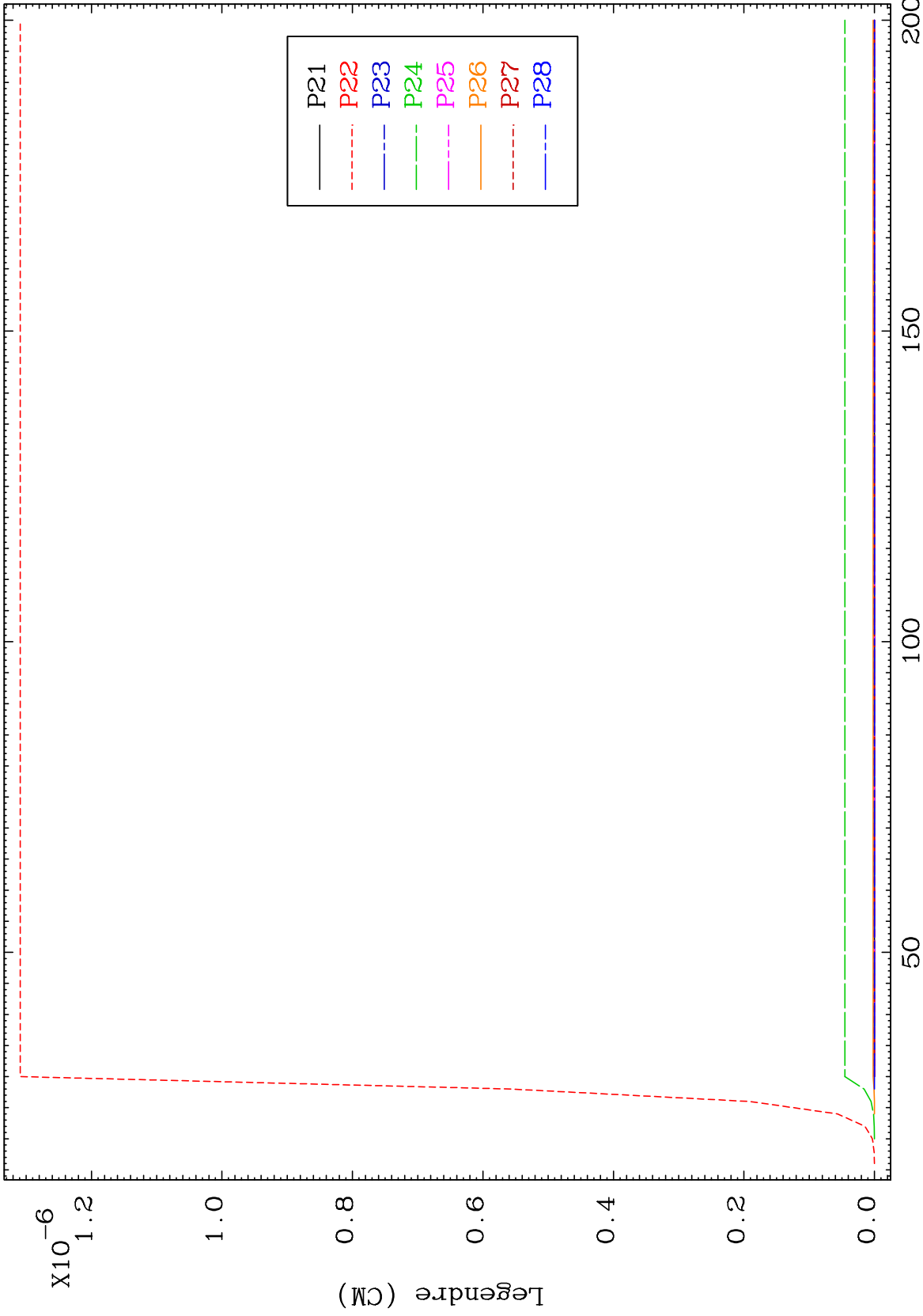
83-Bi-208

200

MAT 8322

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

83-Bi-208



71

Incident Energy (MeV)

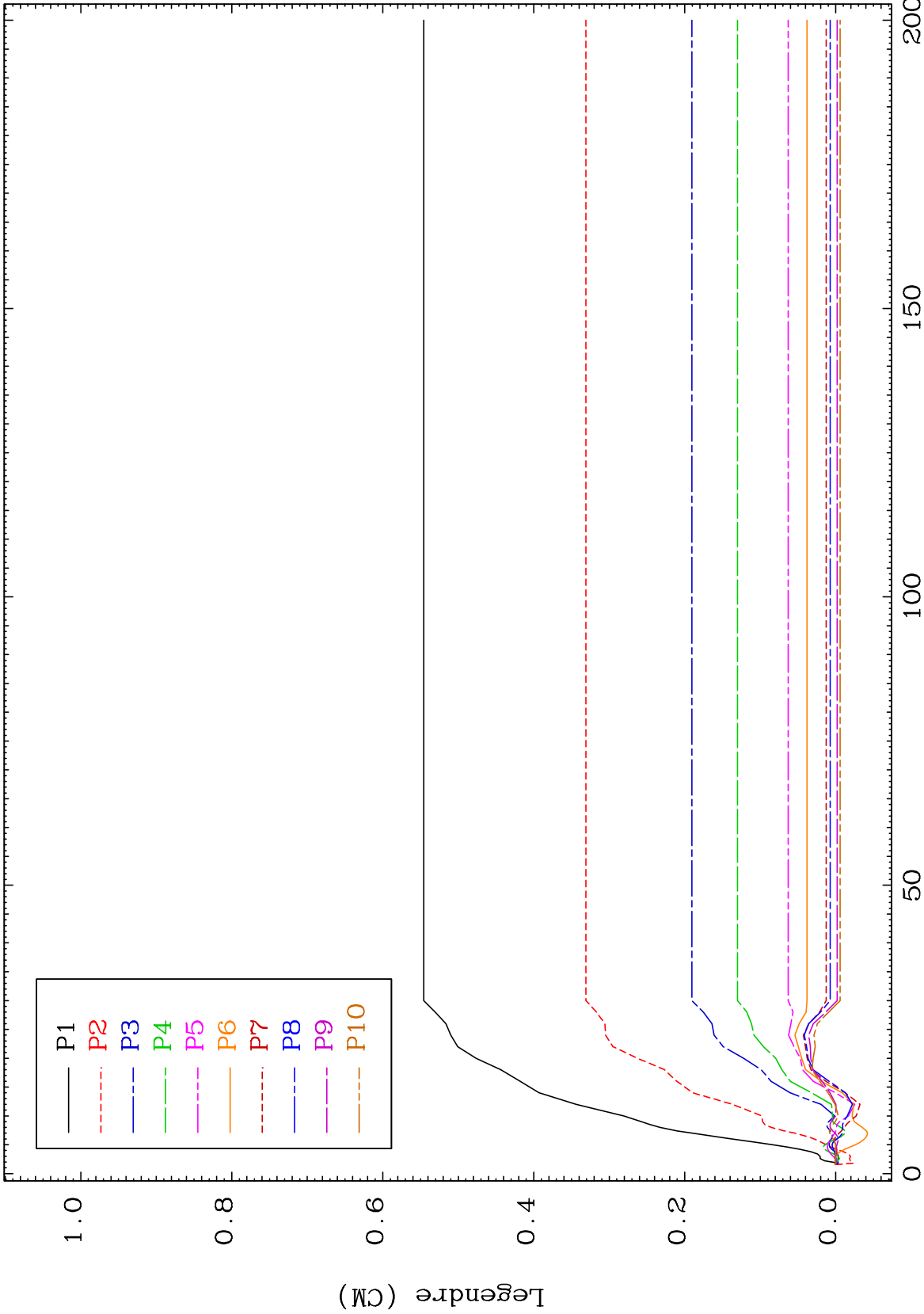
83-Bi-208



MAT 8322

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

83-Bi-208



72

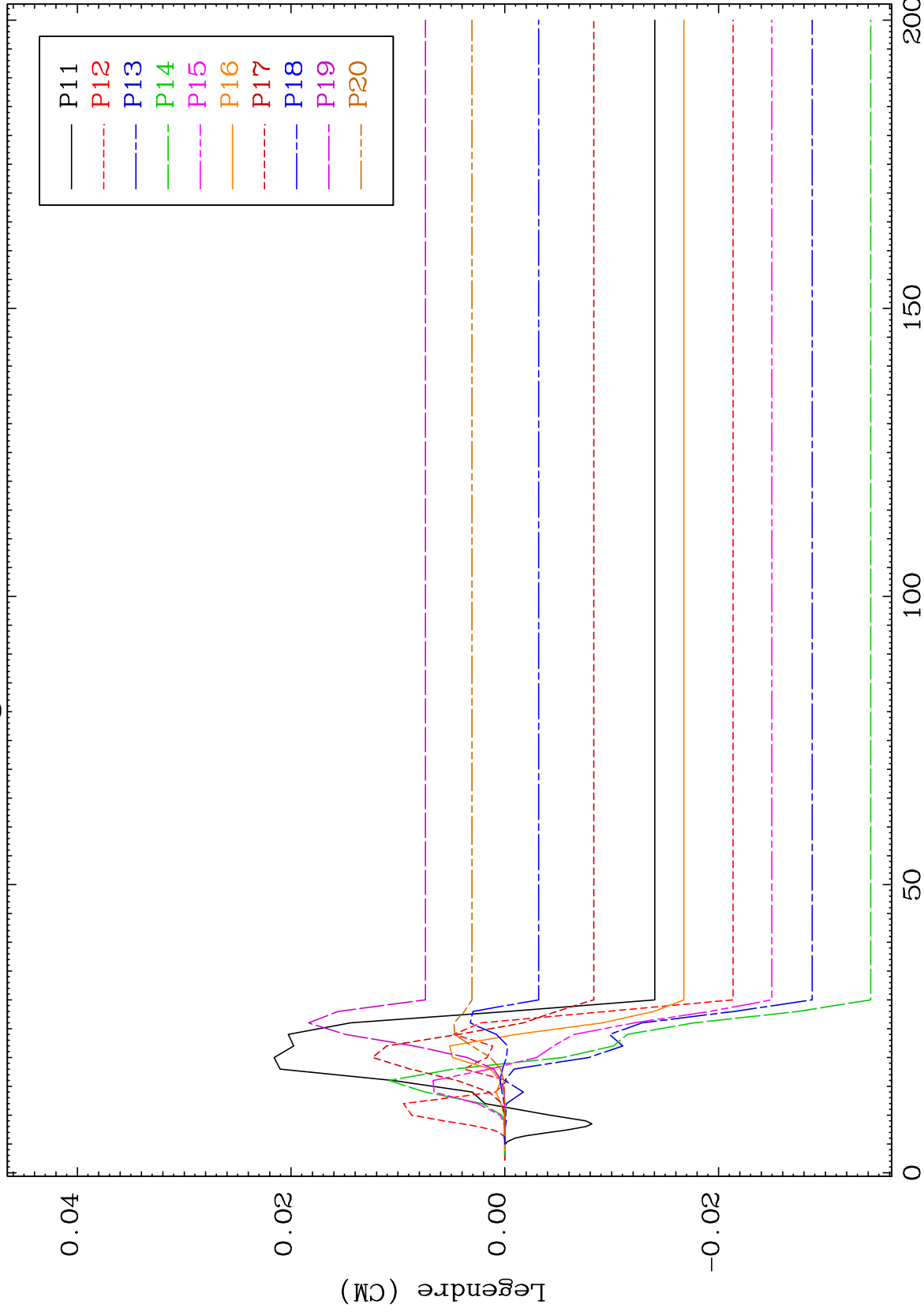
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



73

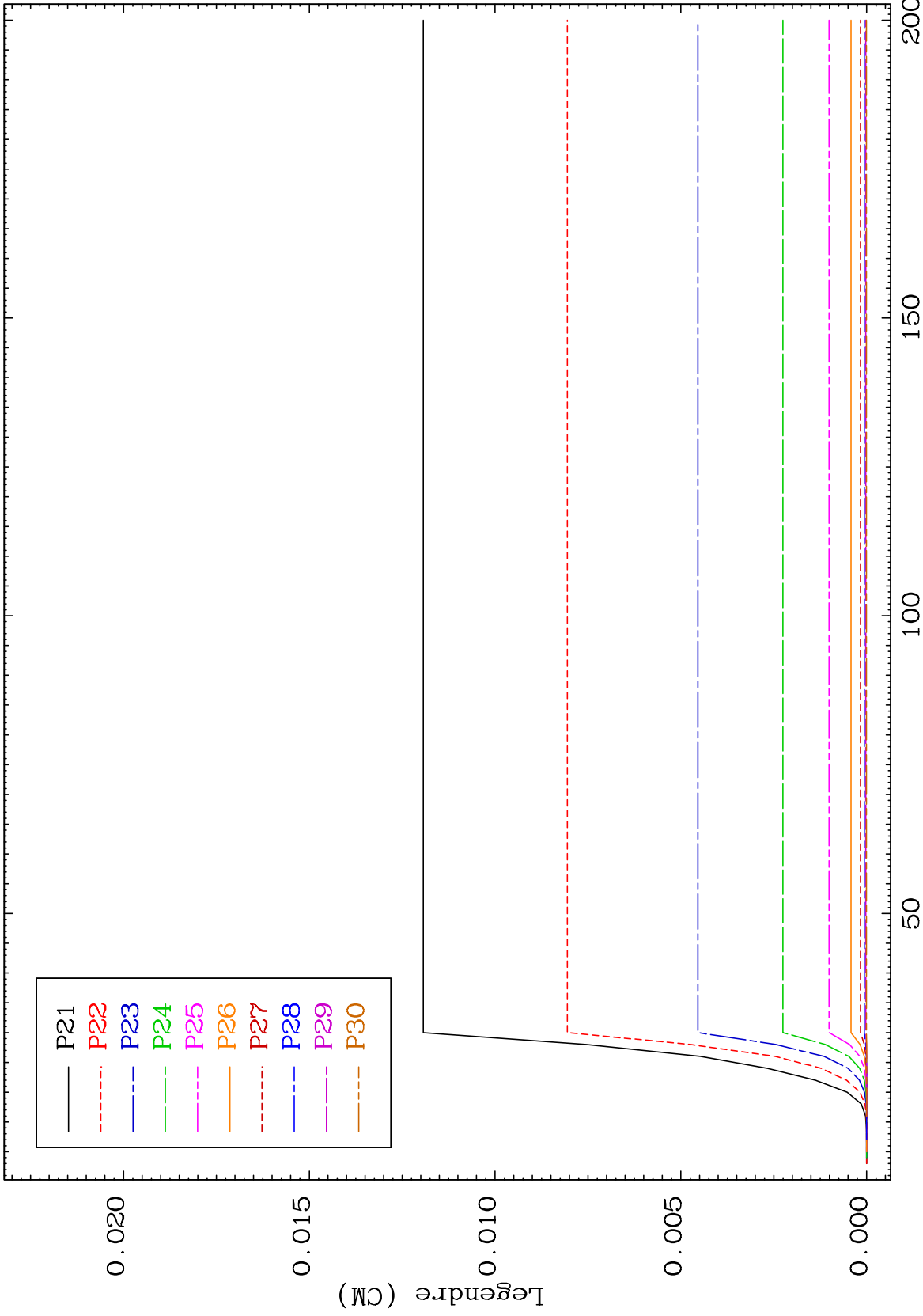
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



74

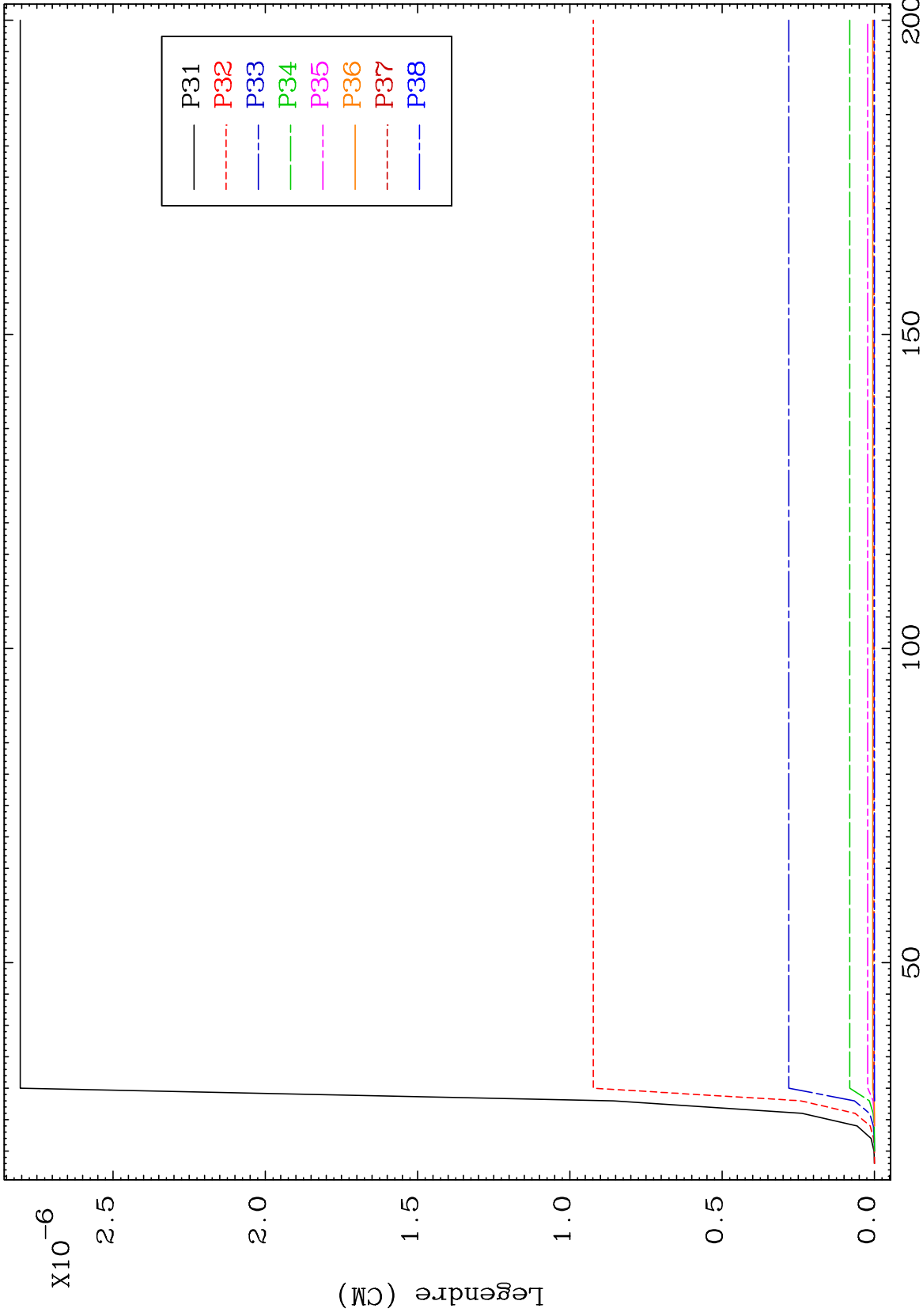
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



75

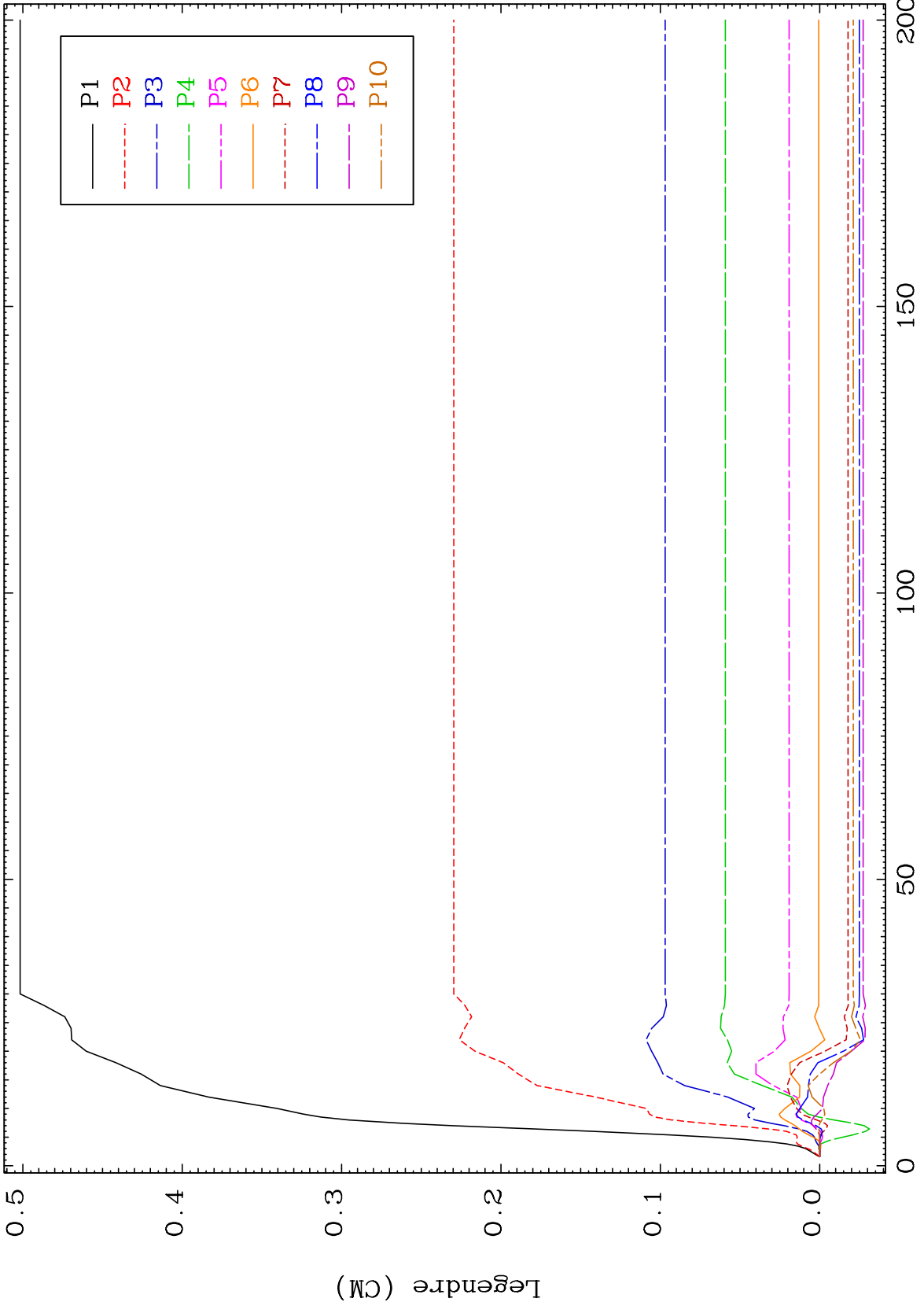
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



76

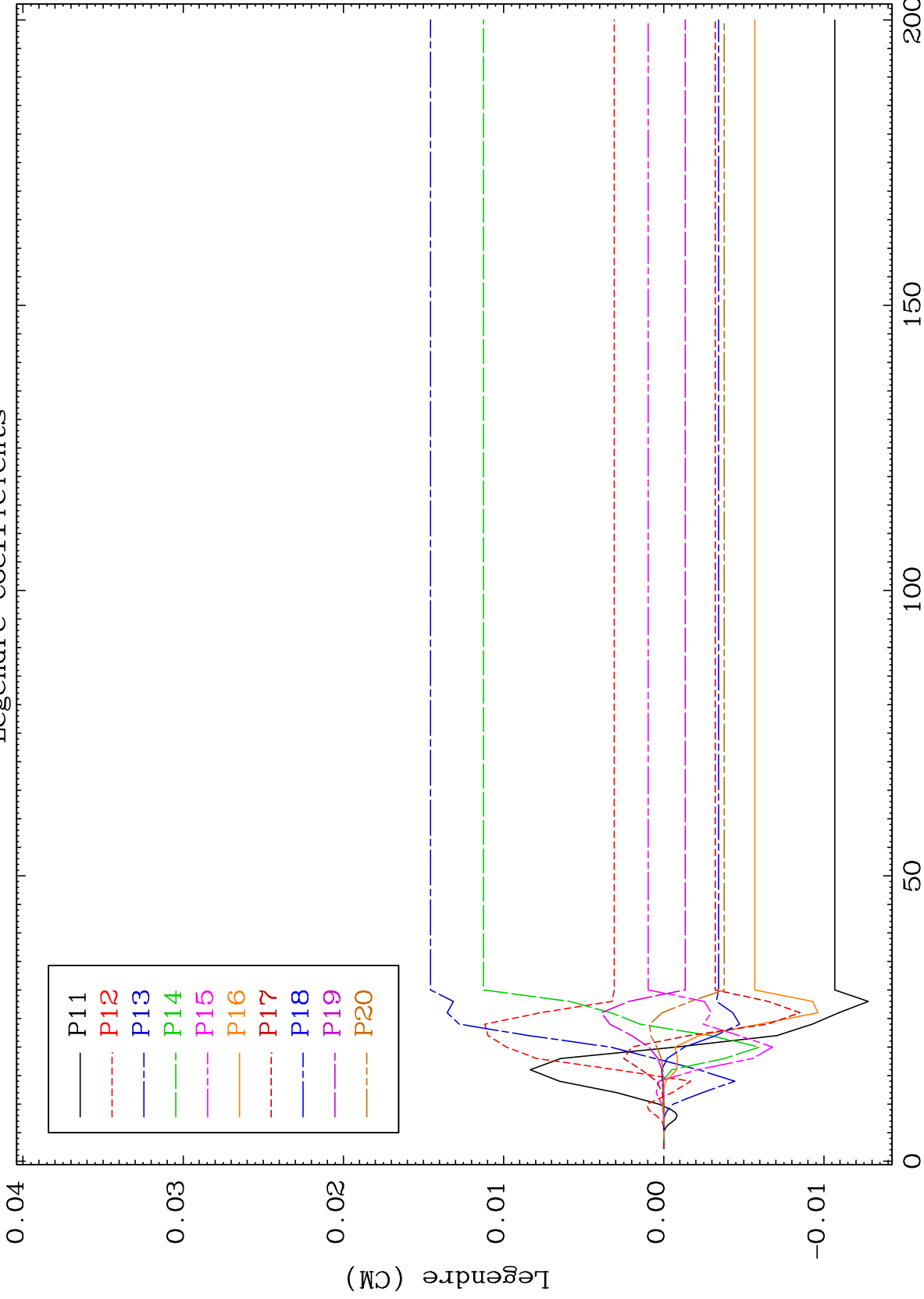
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



77

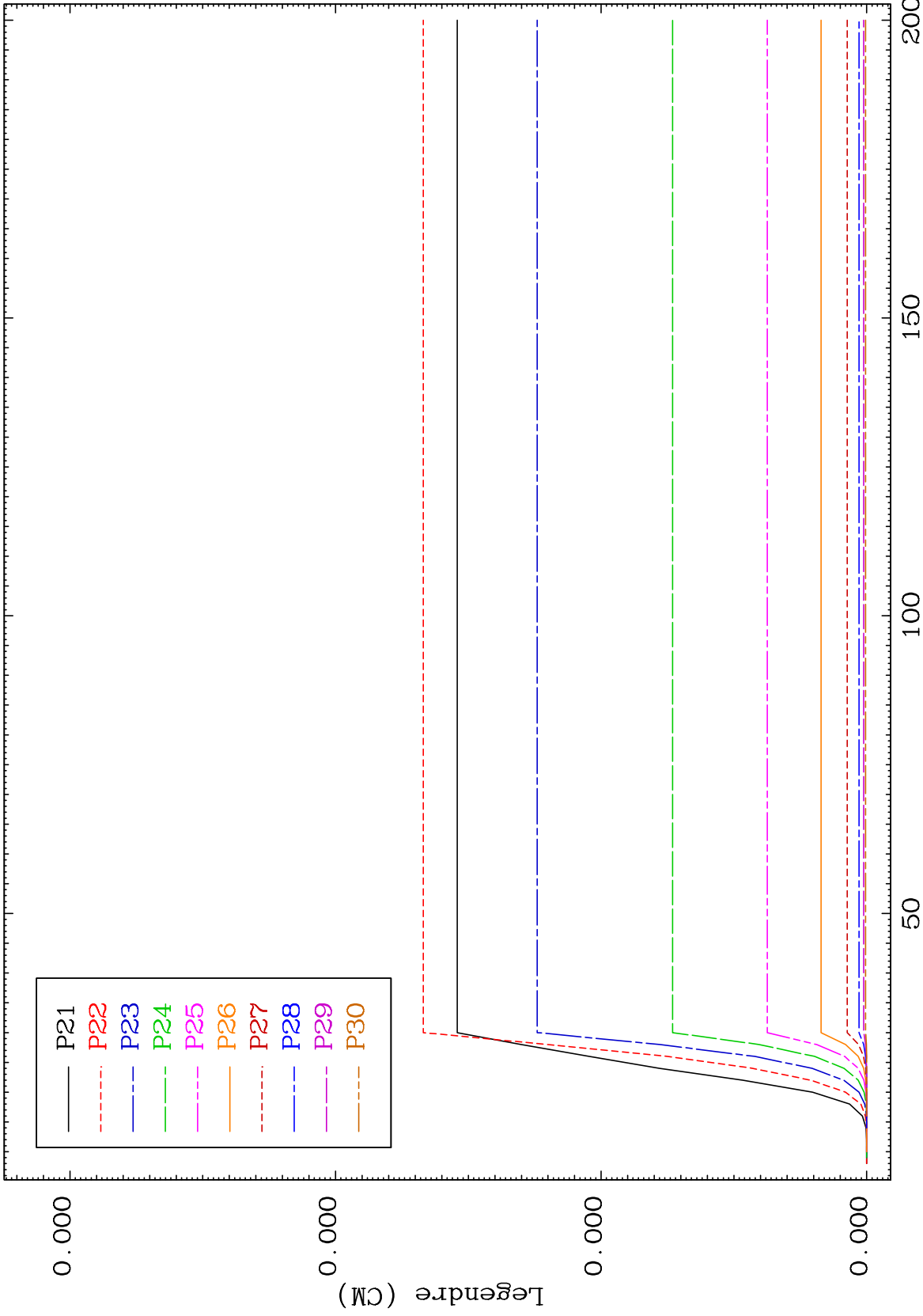
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



78

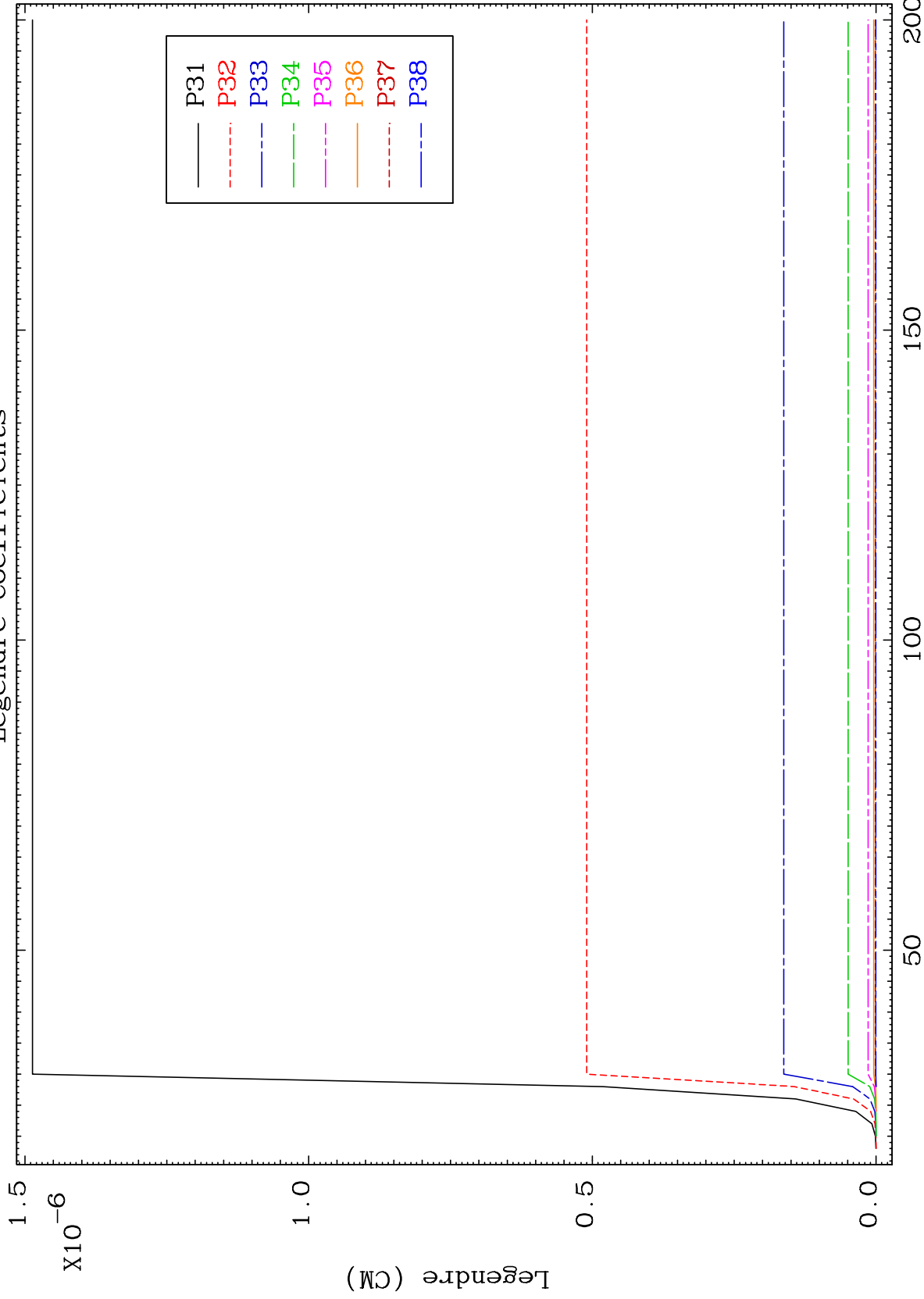
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



79

Incident Energy (MeV)

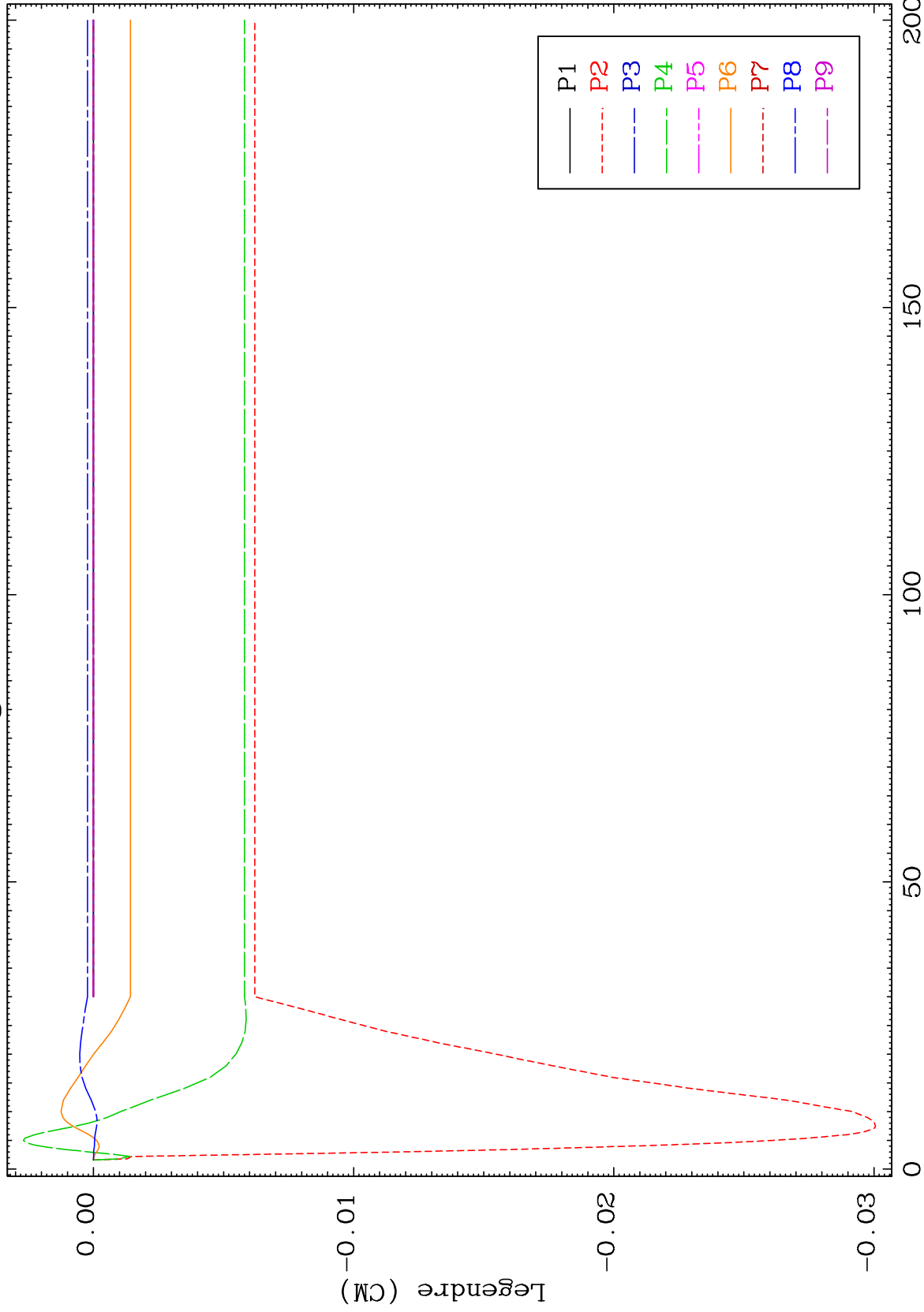
83-Bi-208



MAT 8322

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

83-Bi-208



80

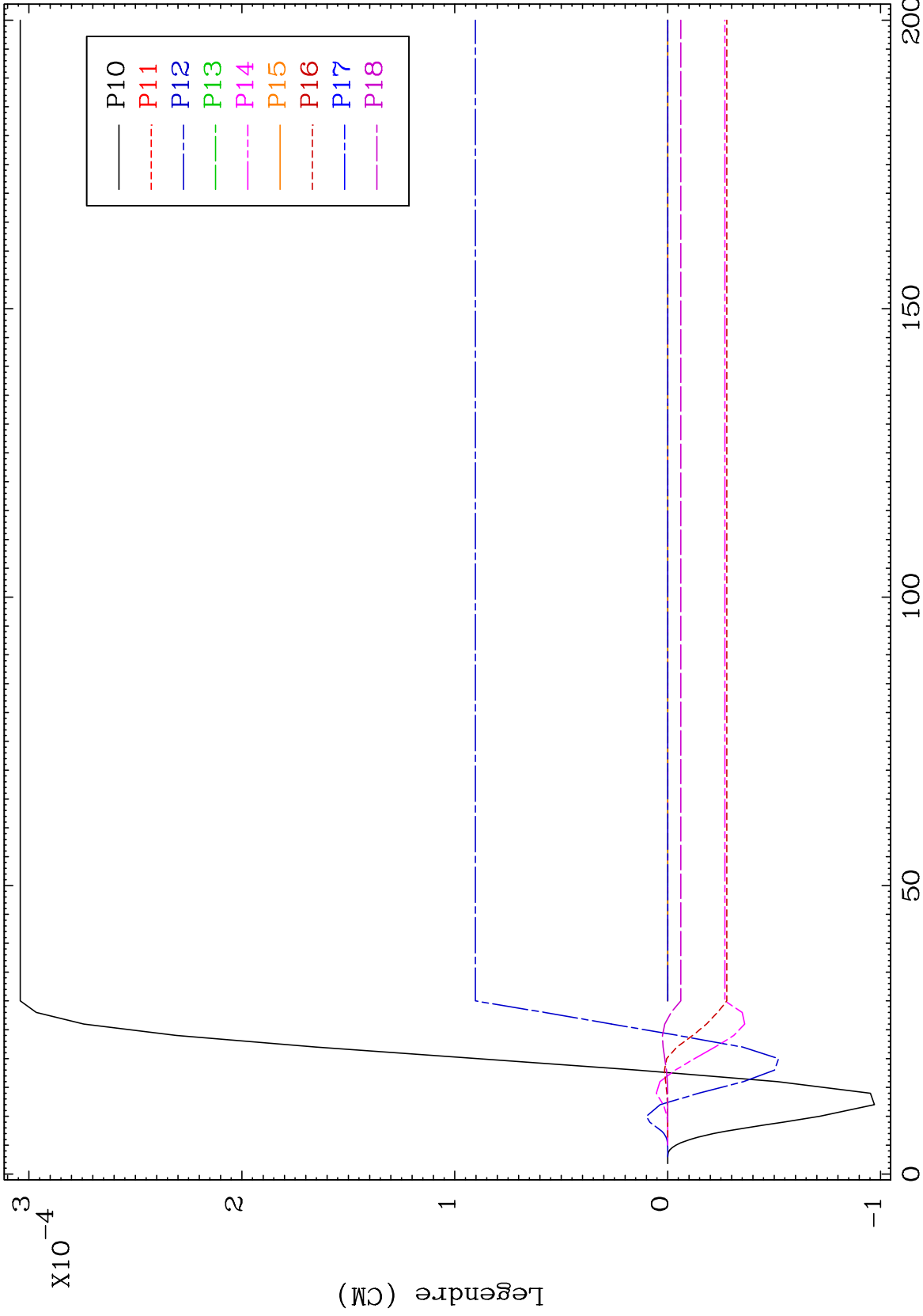
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208

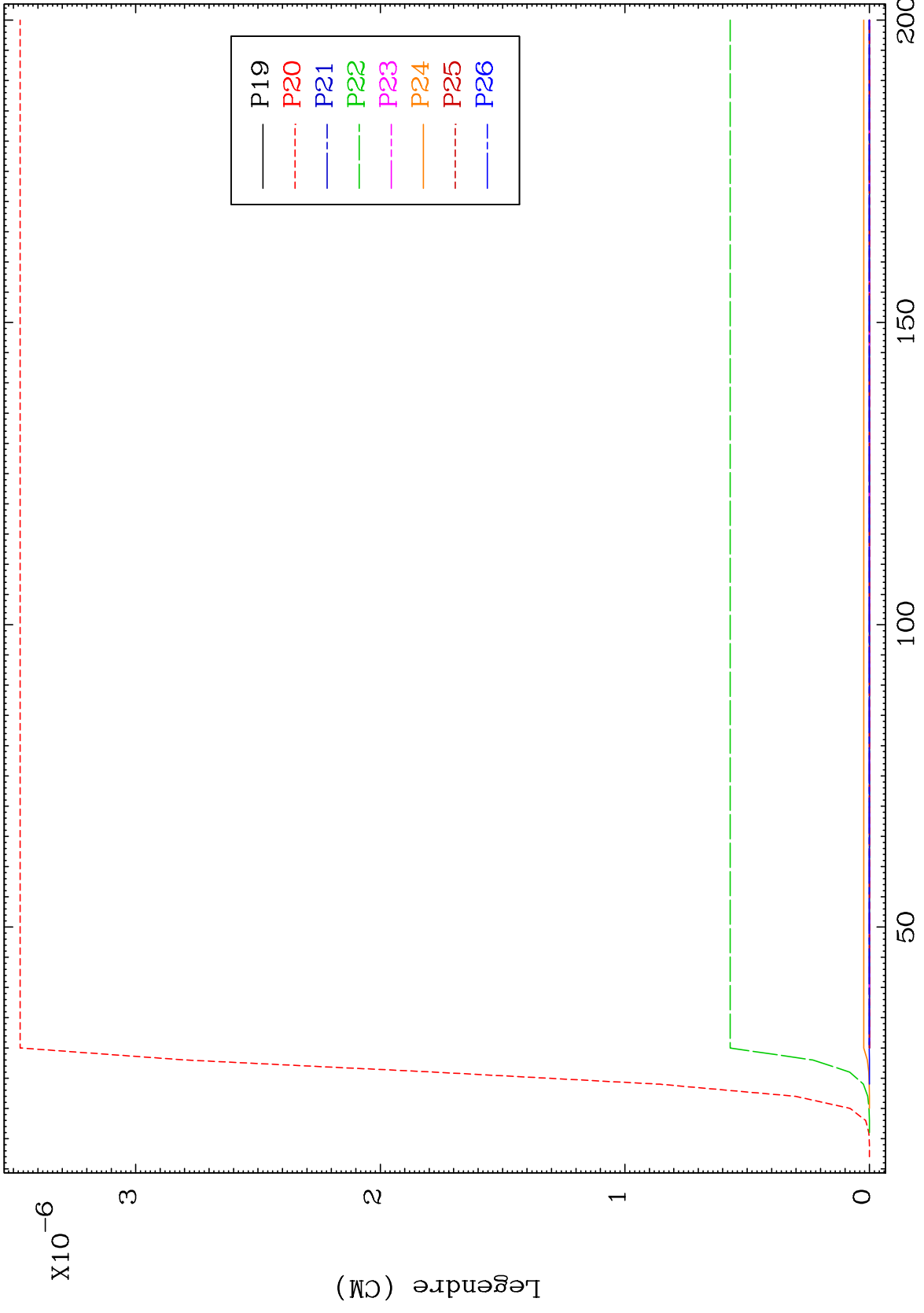


81

Incident Energy (MeV)

83-Bi-208

MAT 8322 MT= 68 (n,n') Level Legendre Coefficients 83-Bi-208

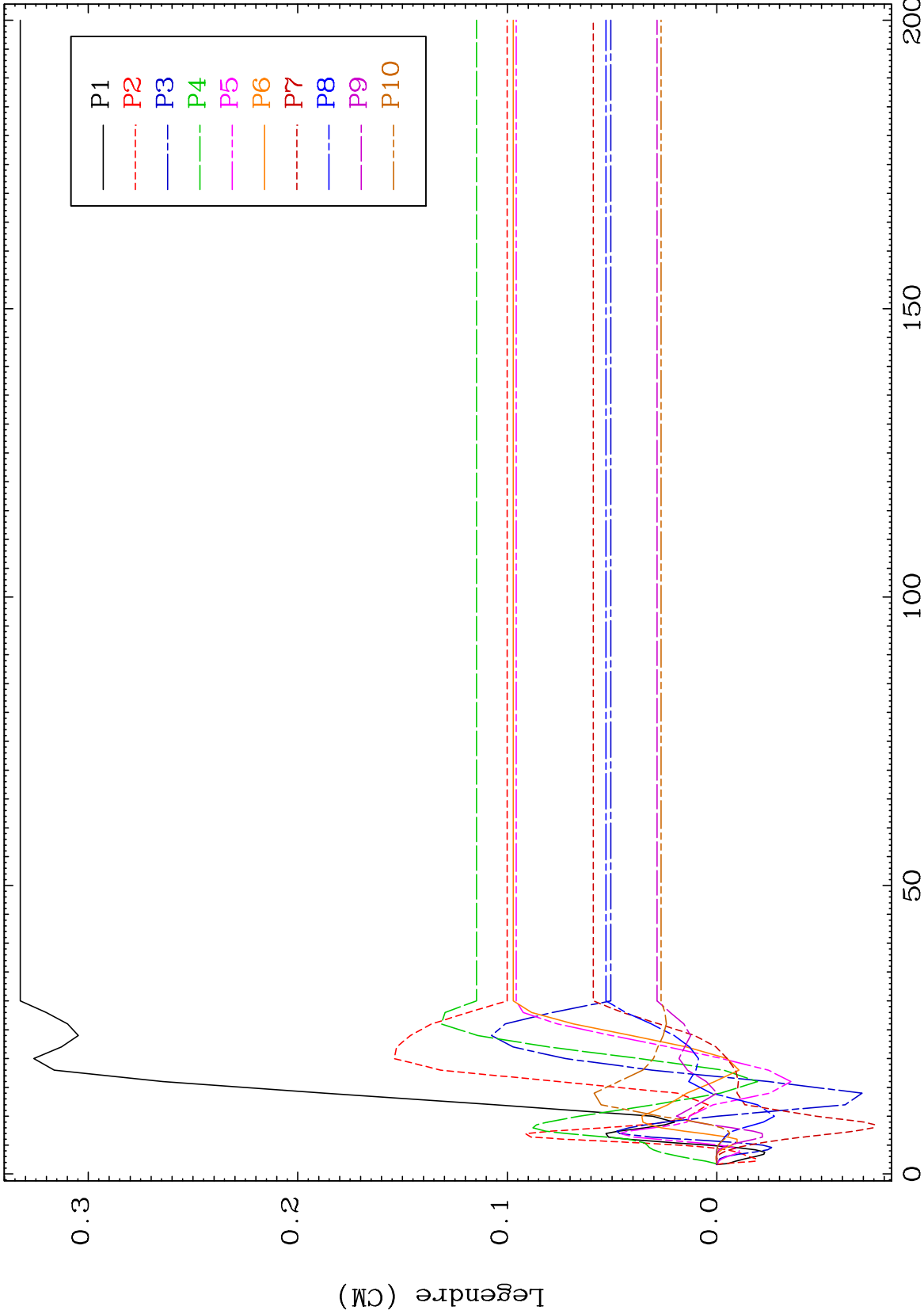


82 83-Bi-208

MAT 8322

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

83-Bi-208



83

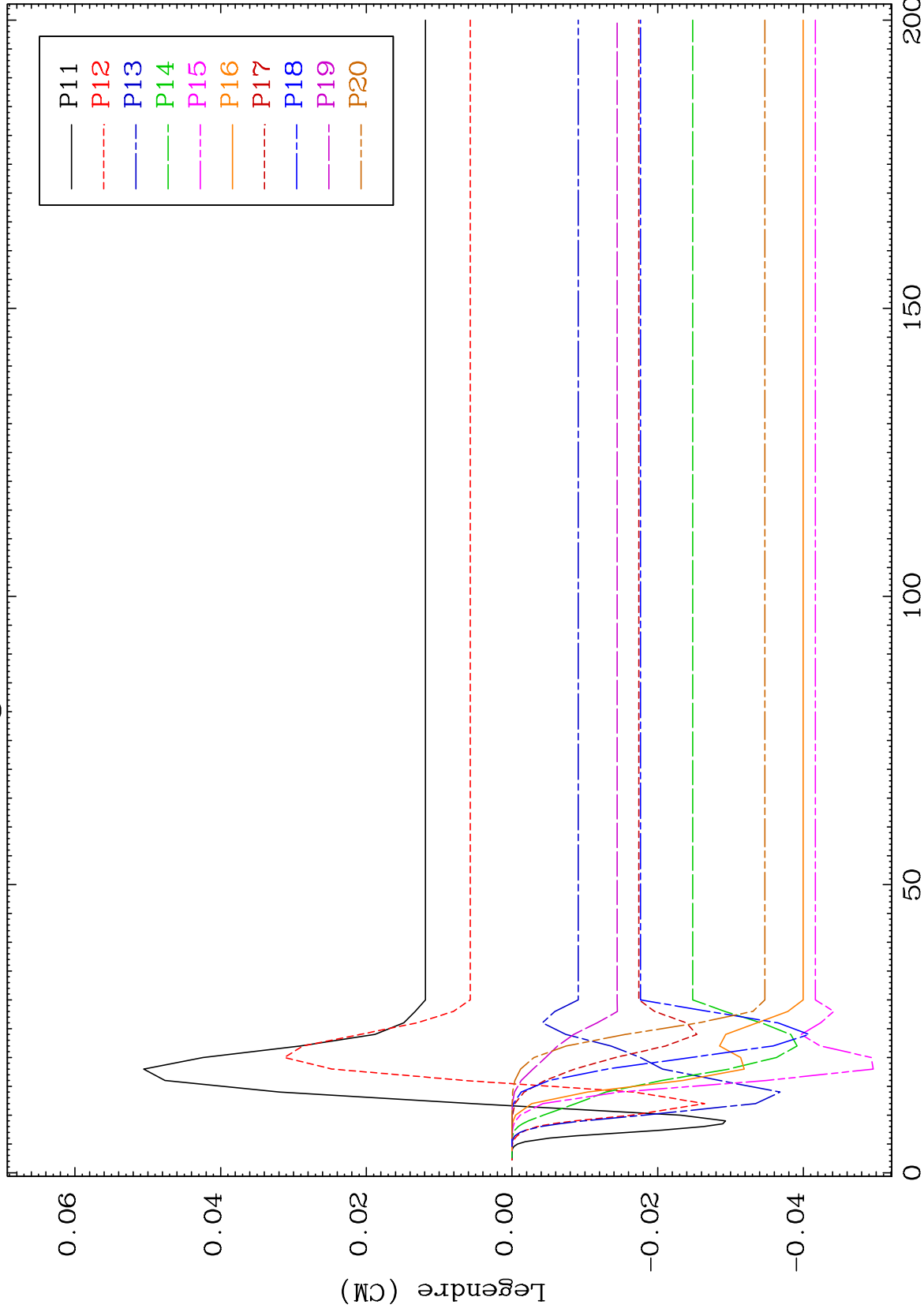
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



84

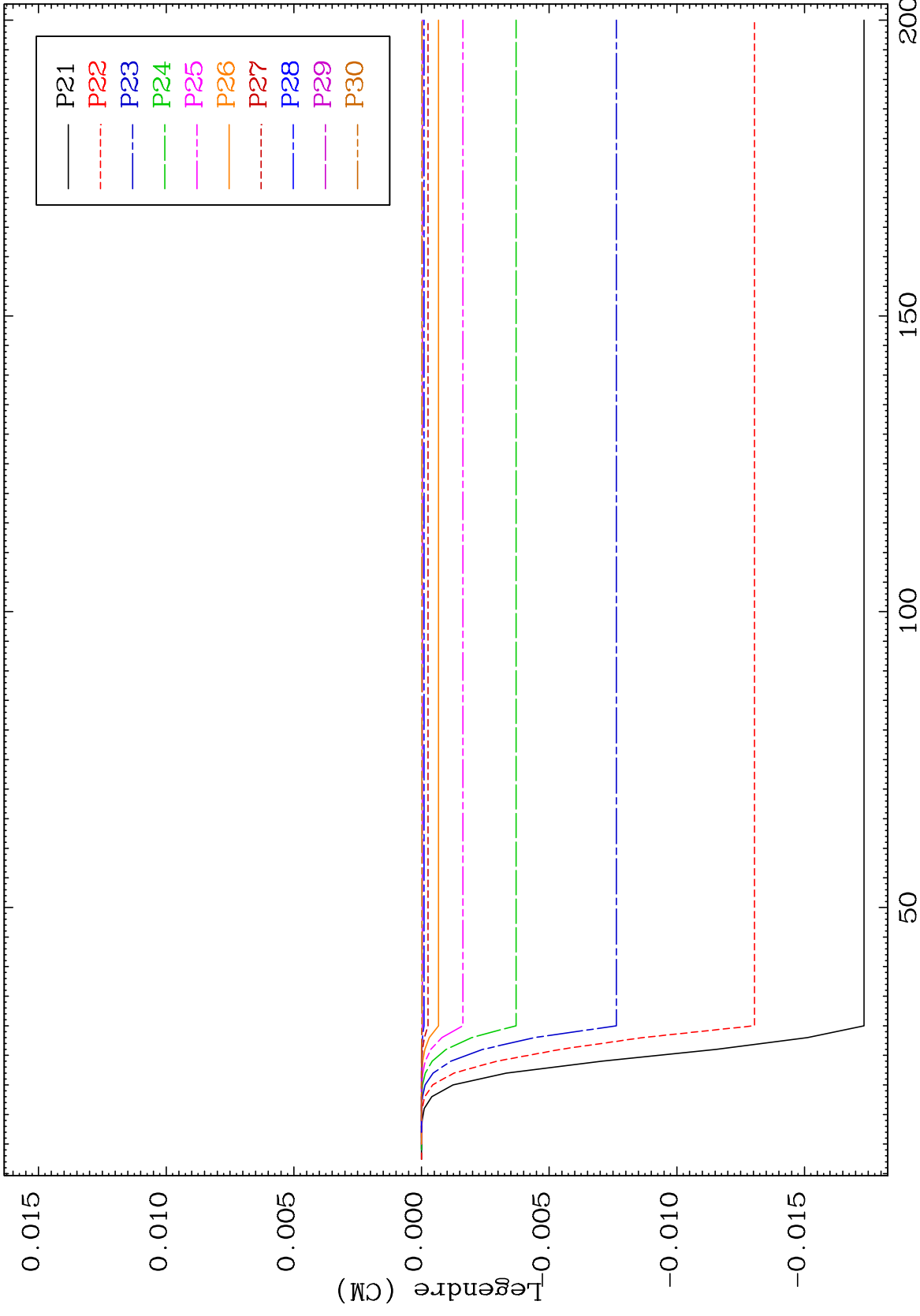
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



85

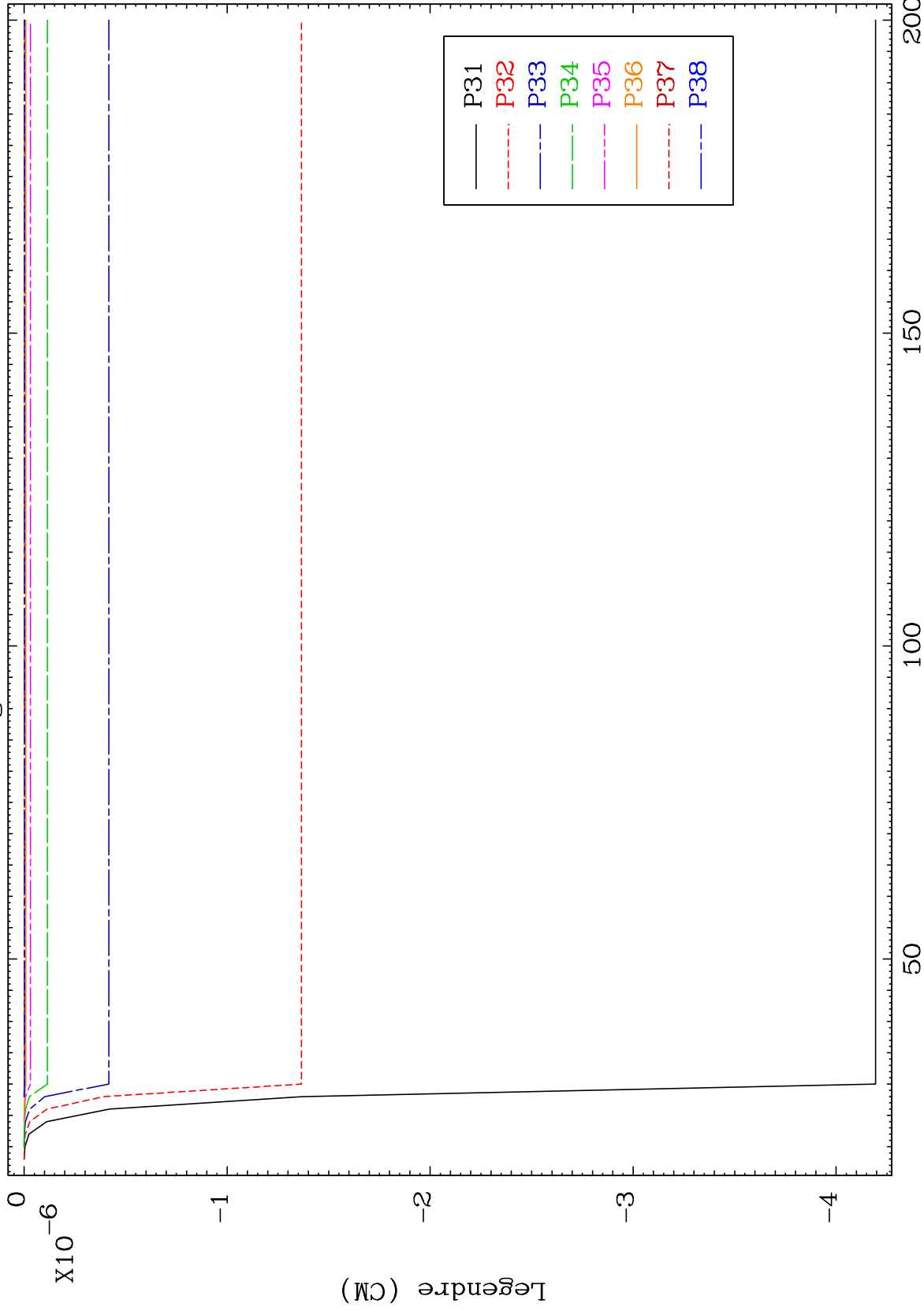
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



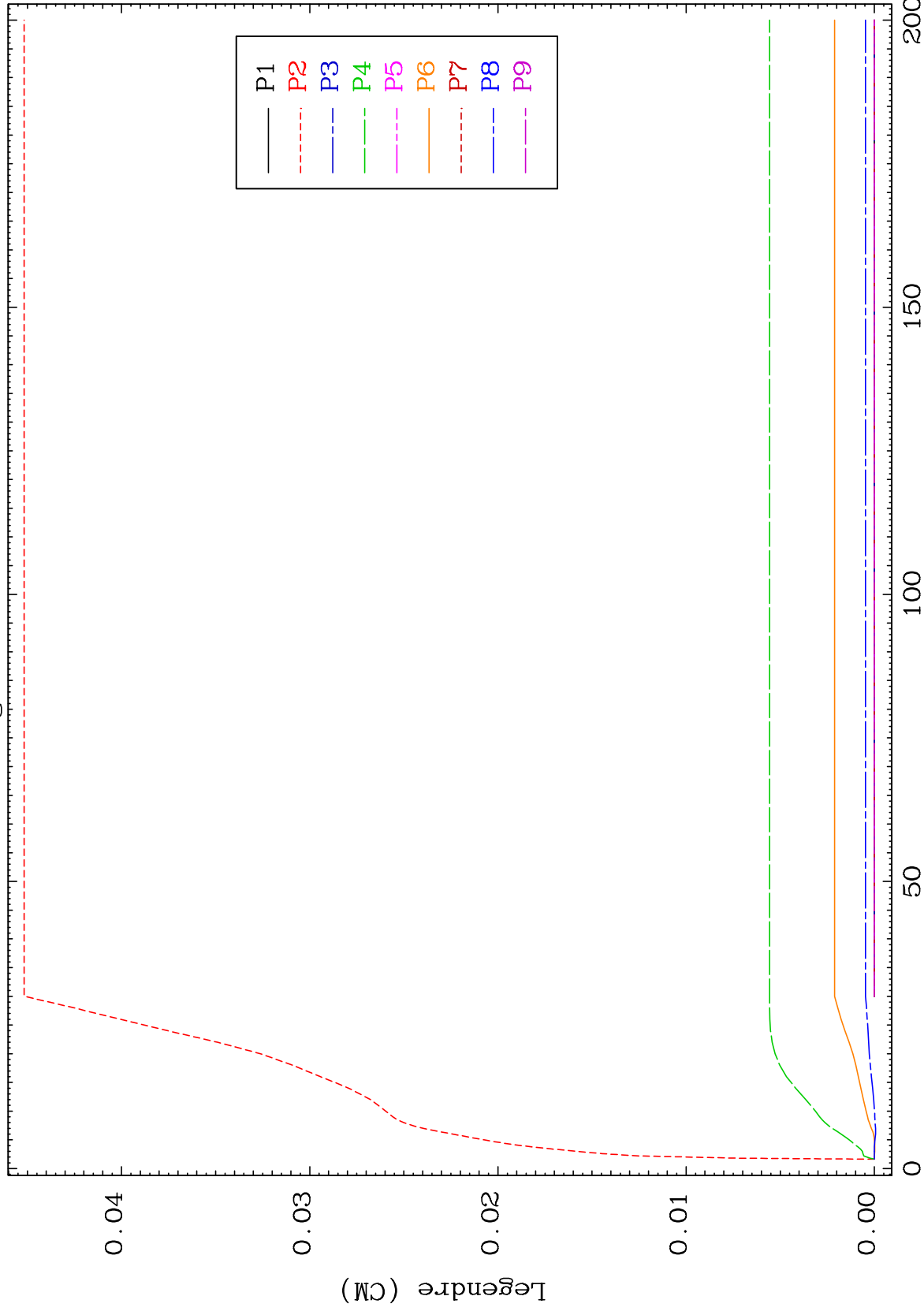
86

83-Bi-208

MAT 8322

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

83-Bi-208



87

Incident Energy (MeV)

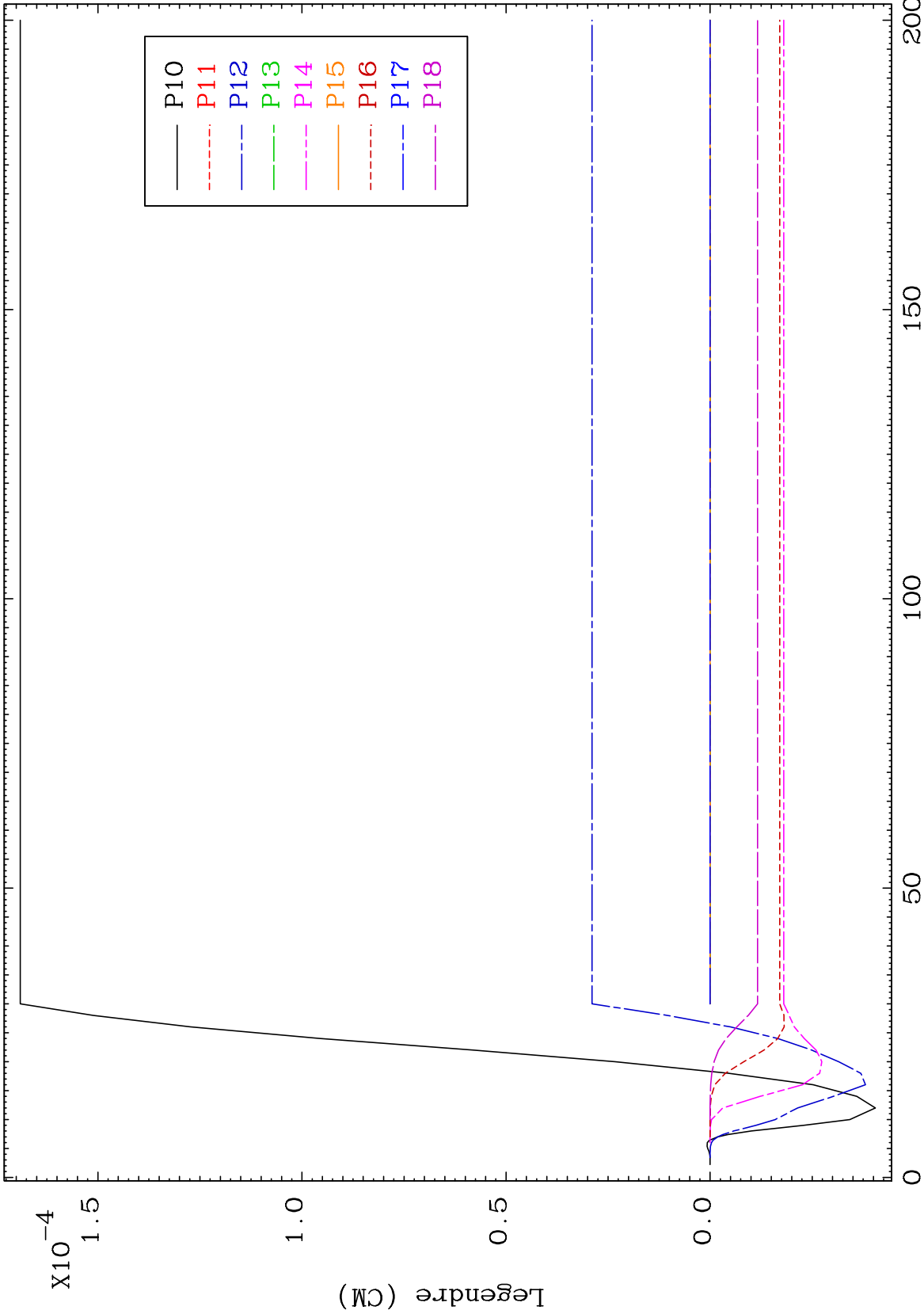
83-Bi-208



MAT 8322

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

83-Bi-208



88

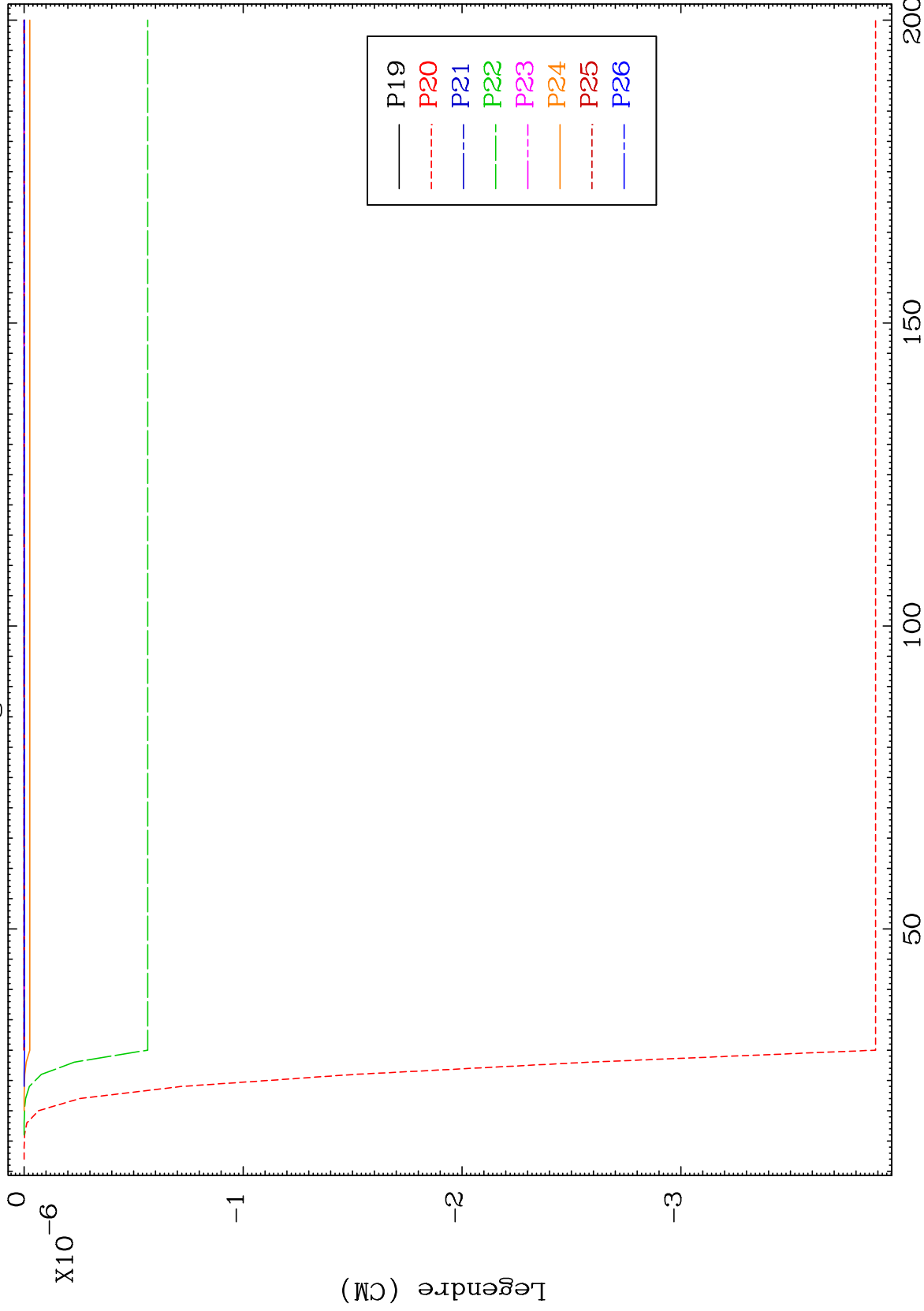
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



89

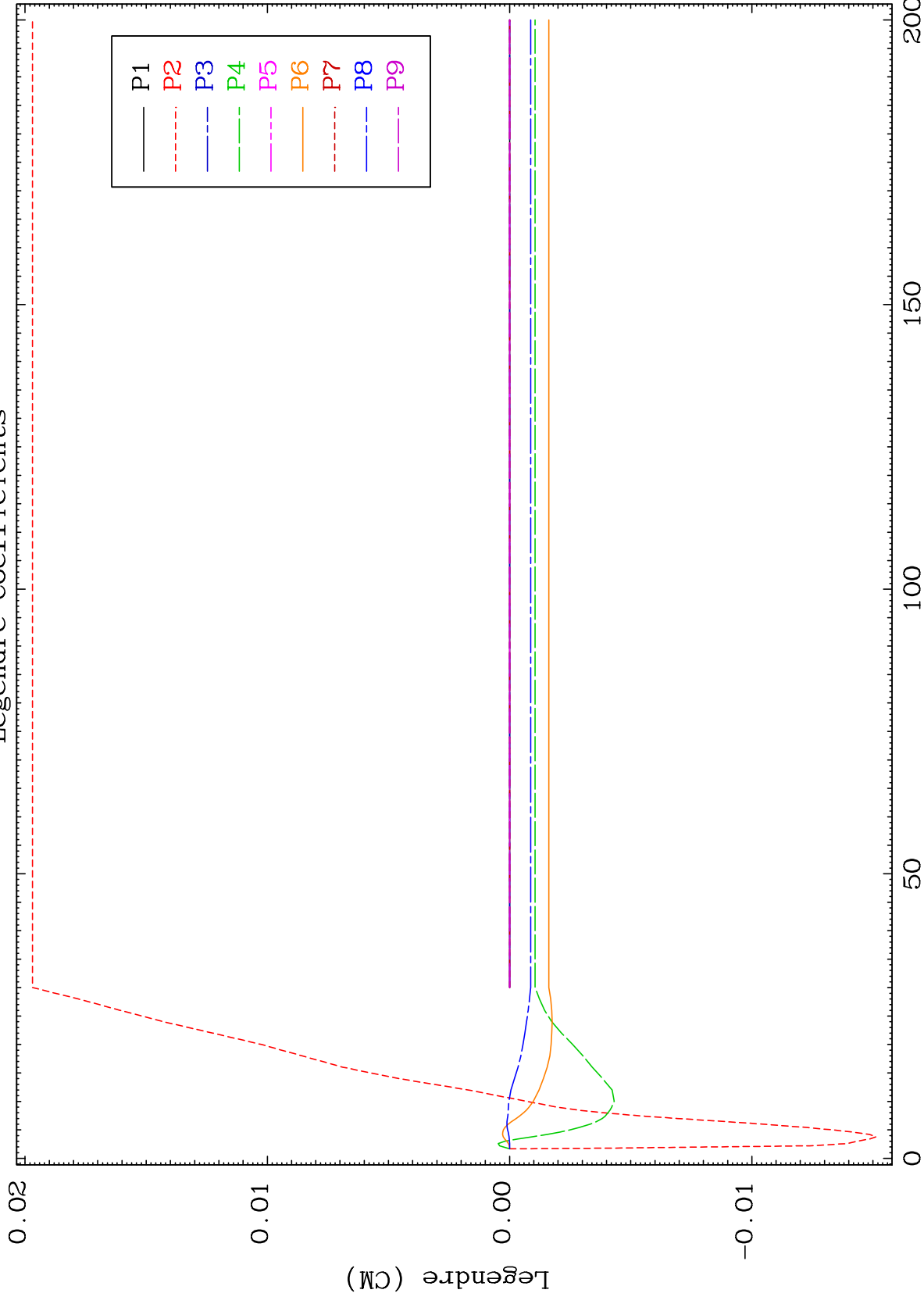
Incident Energy (MeV)

83-Bi-208

83-Bi-208

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

MAT 8322



83-Bi-208

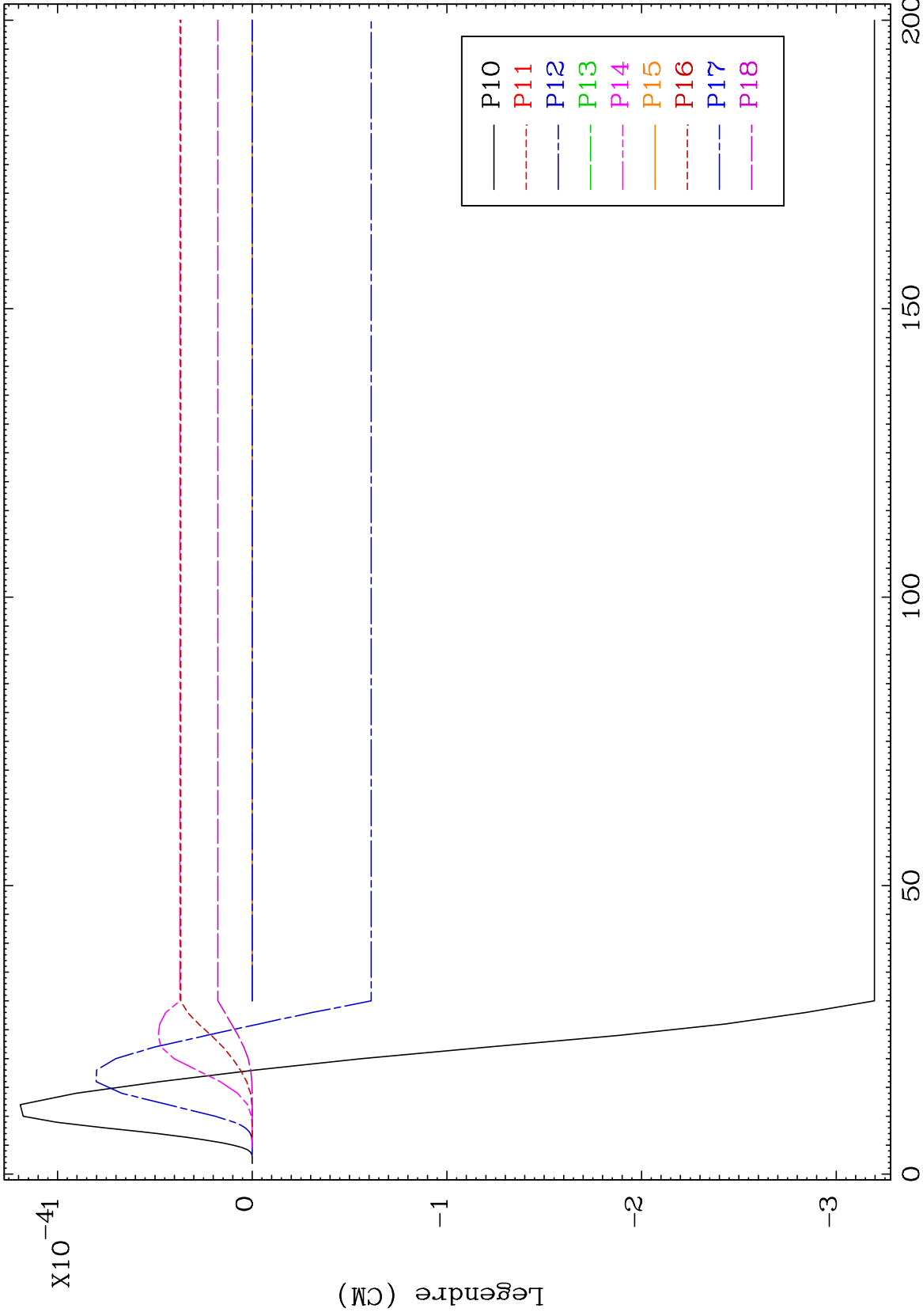
Incident Energy (MeV)

90

MAT 8322

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

83-Bi-208



91

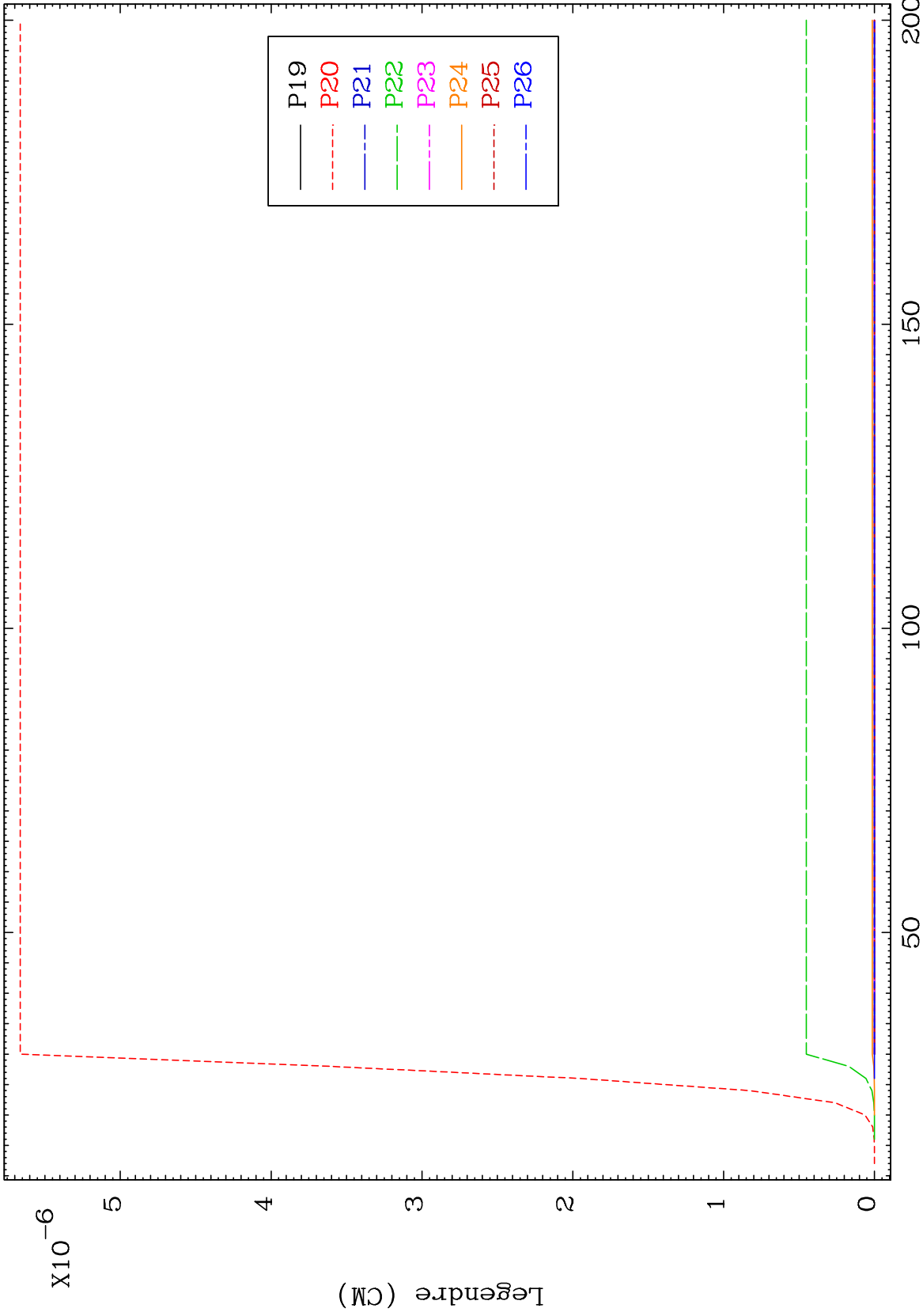
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



92

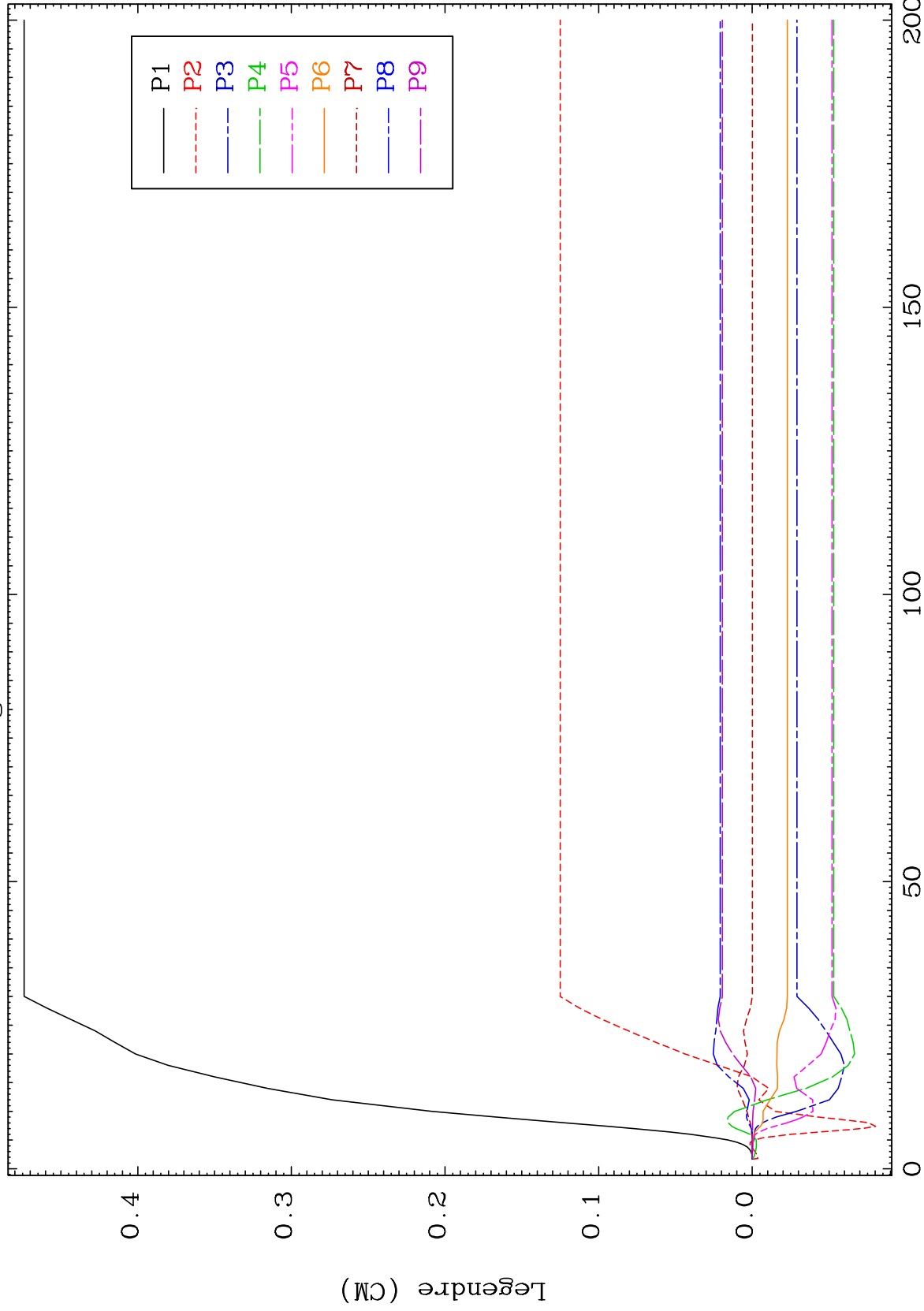
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



93

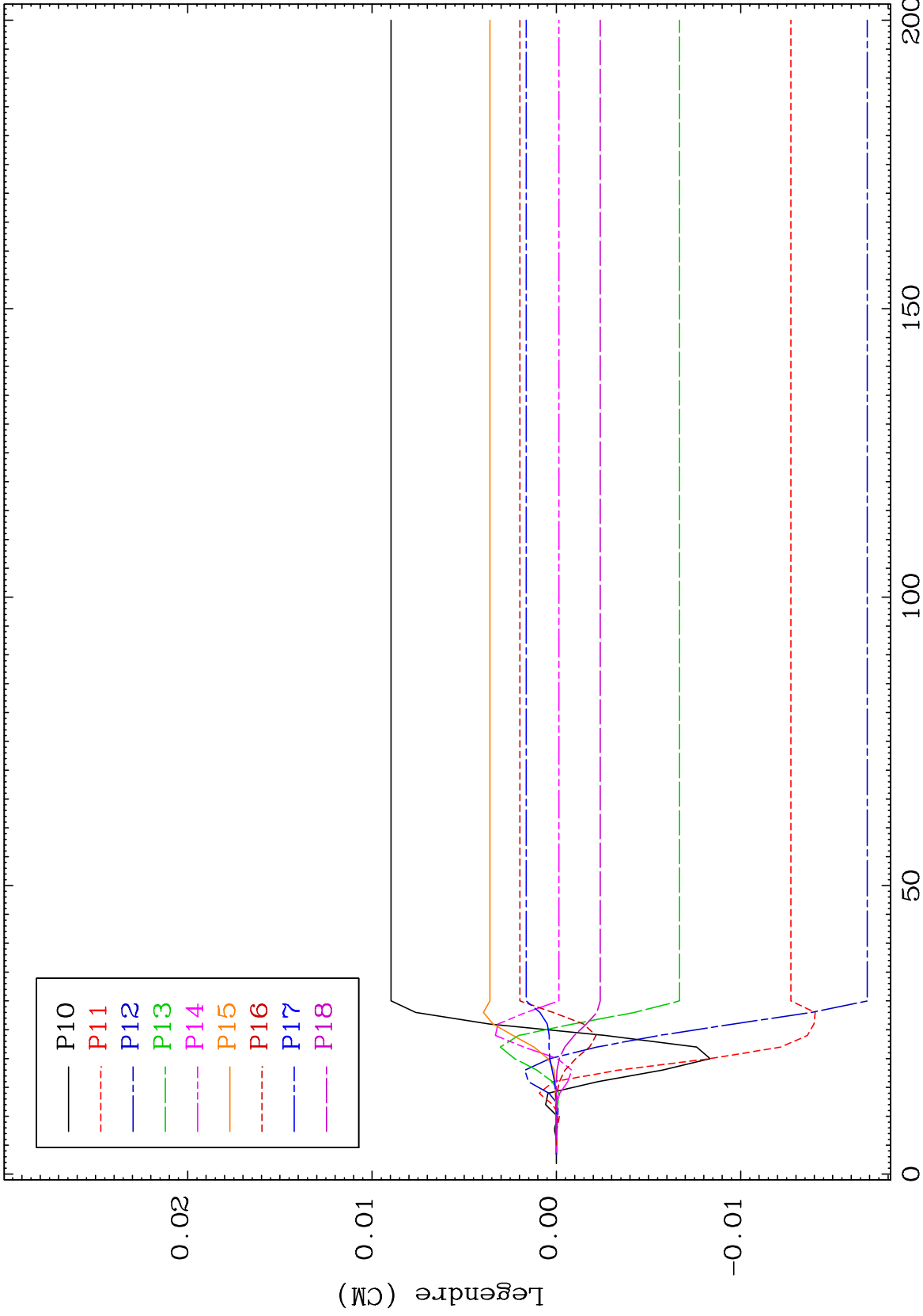
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



94

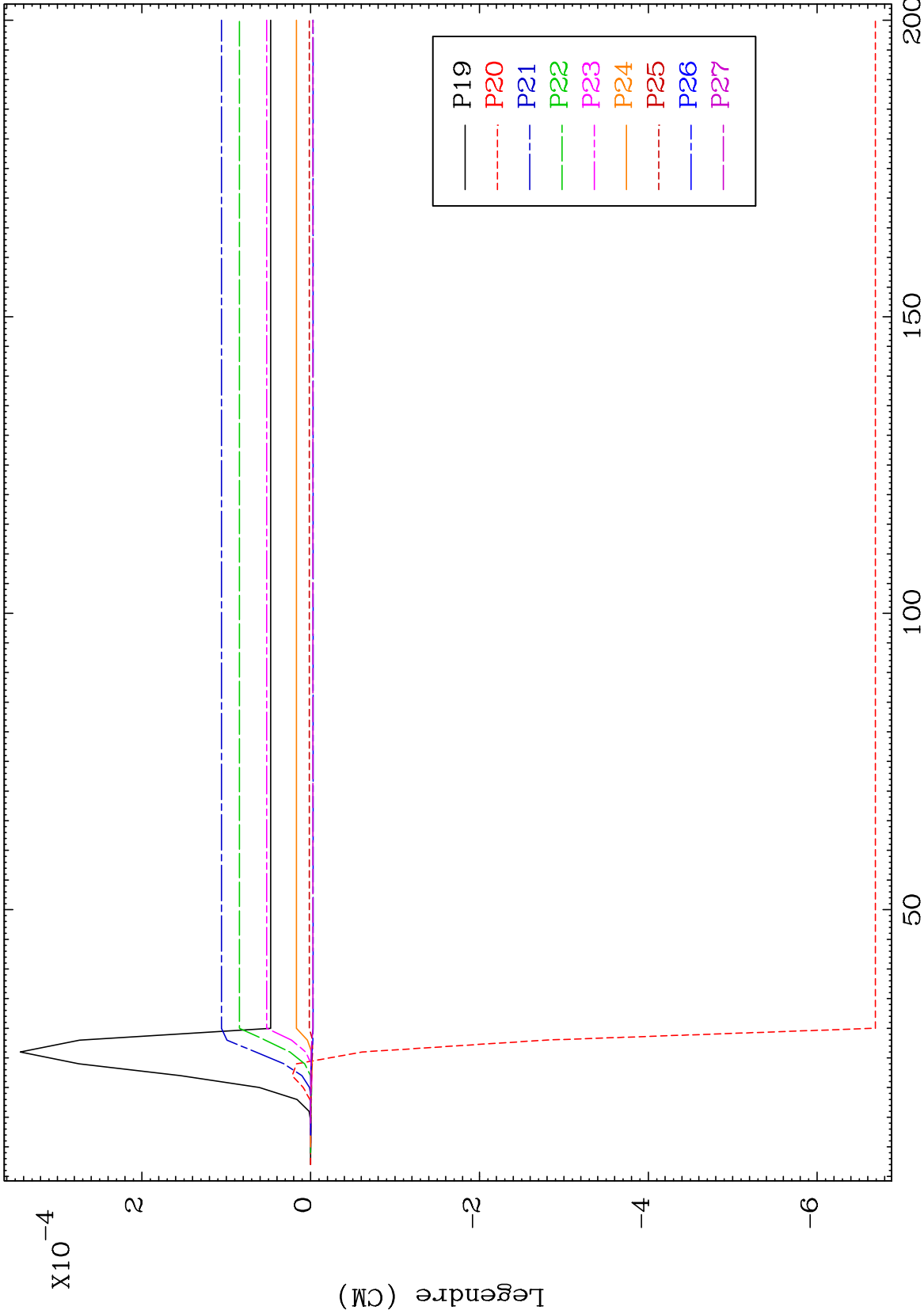
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



95

Incident Energy (MeV)

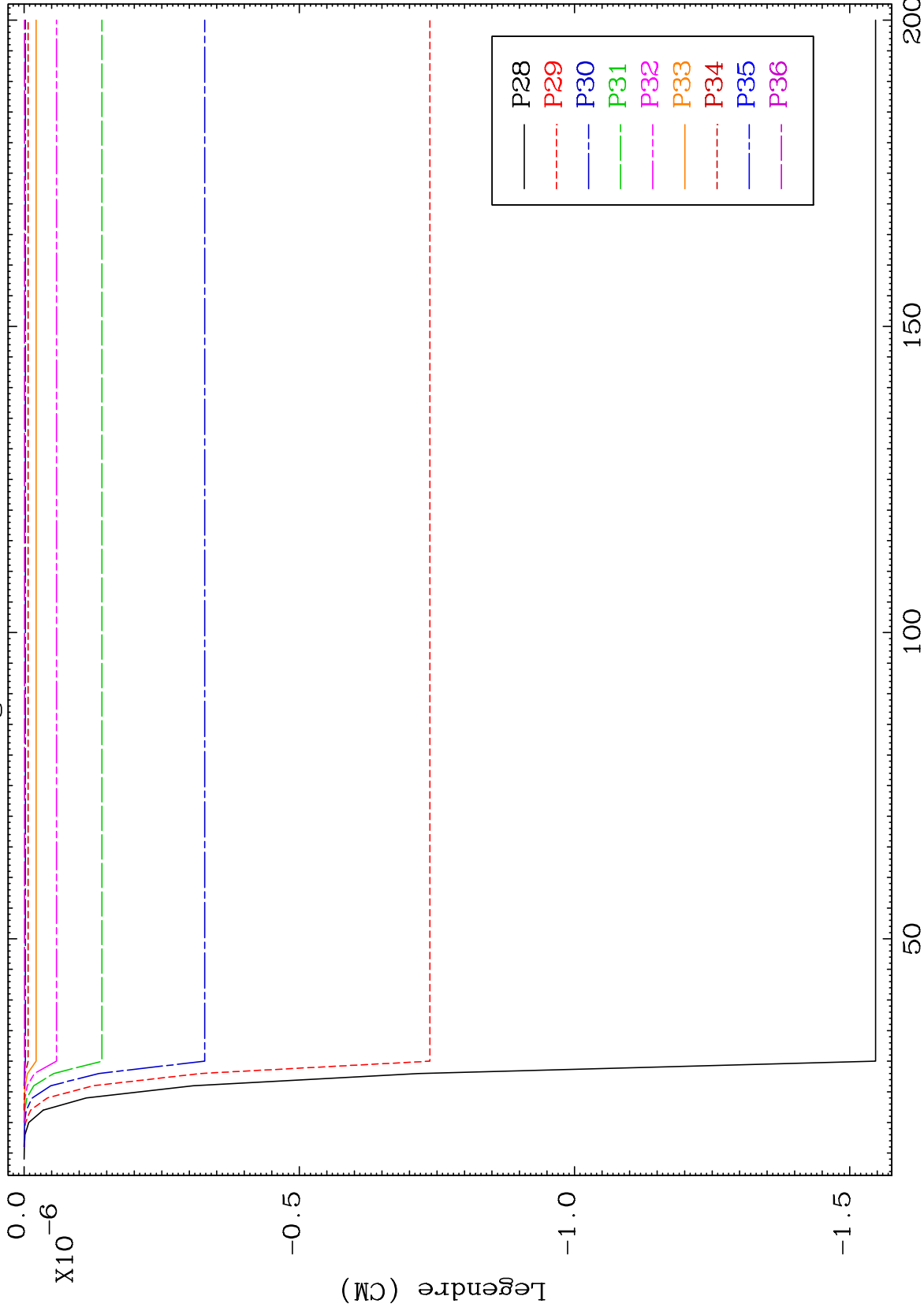
83-Bi-208



MAT 8322

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

83-Bi-208



96

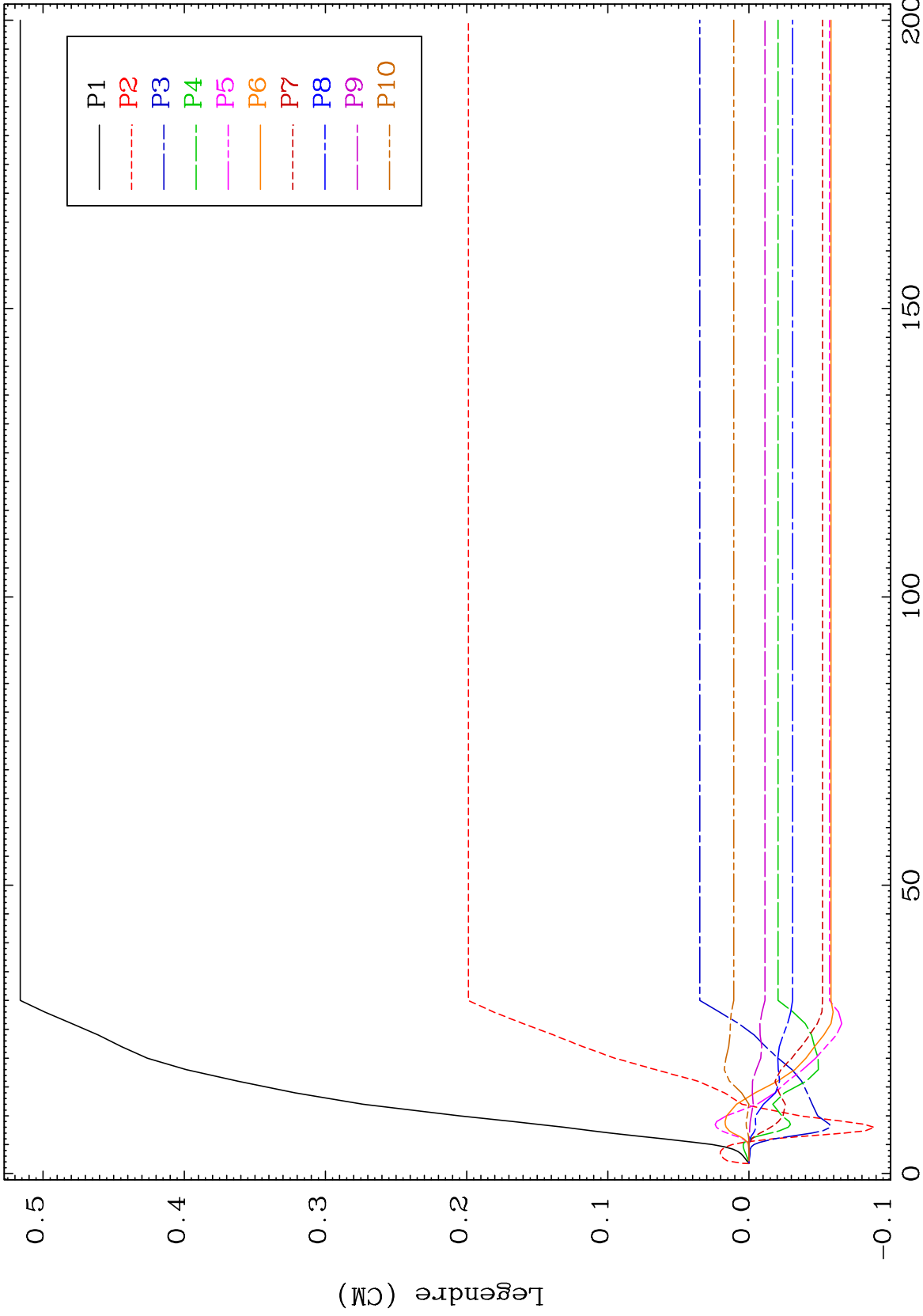
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



97

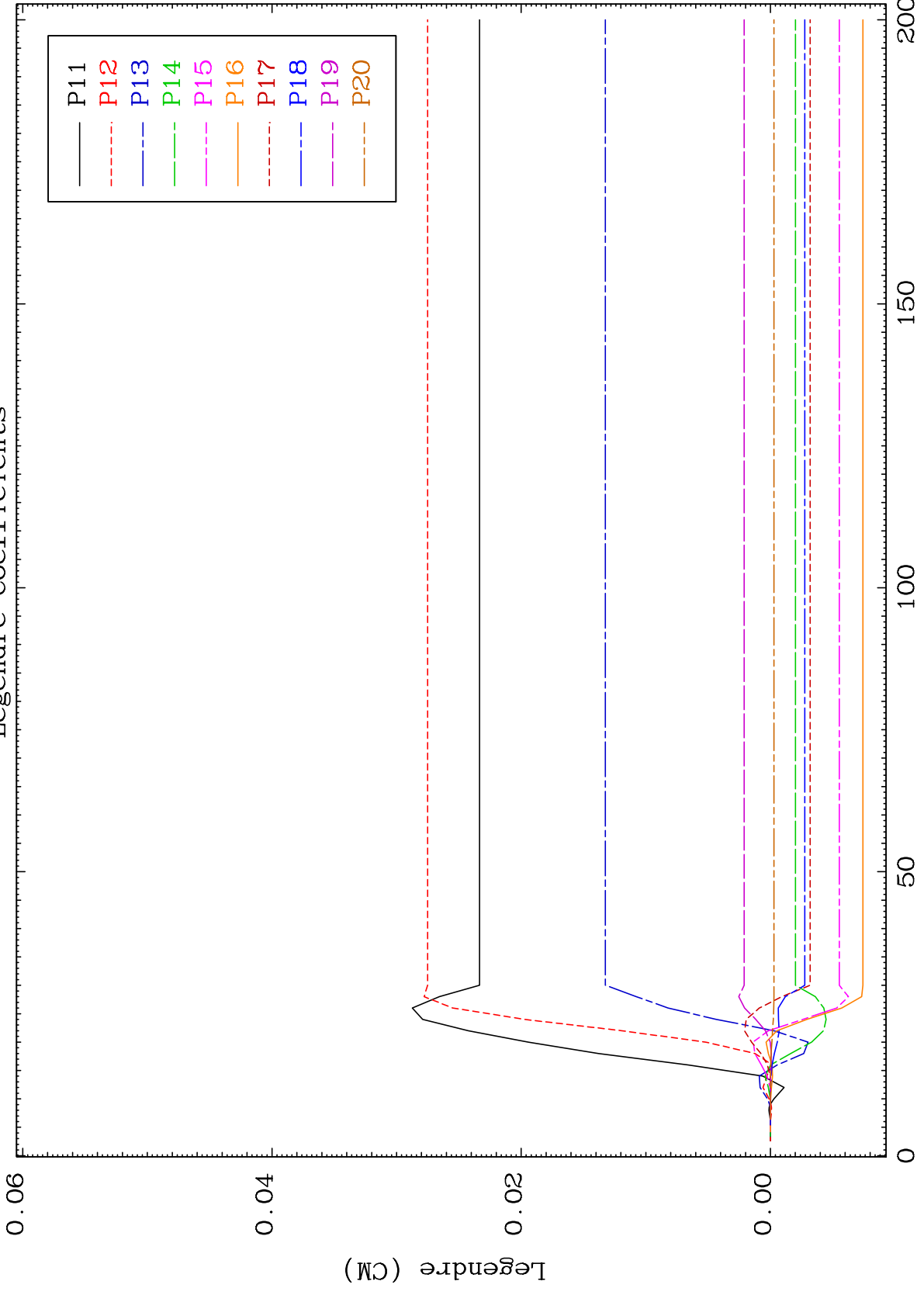
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

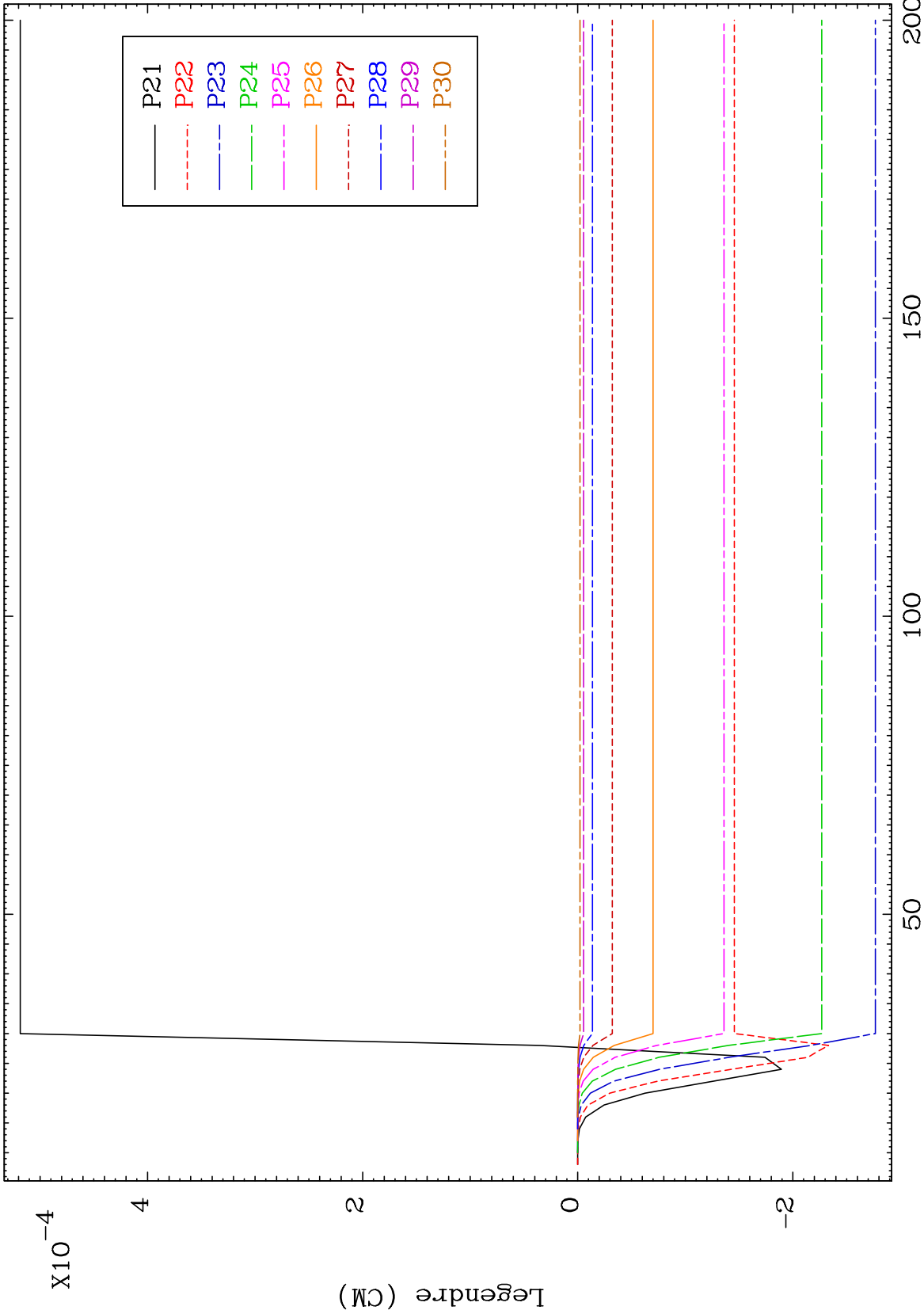
83-Bi-208



98

Incident Energy (MeV)

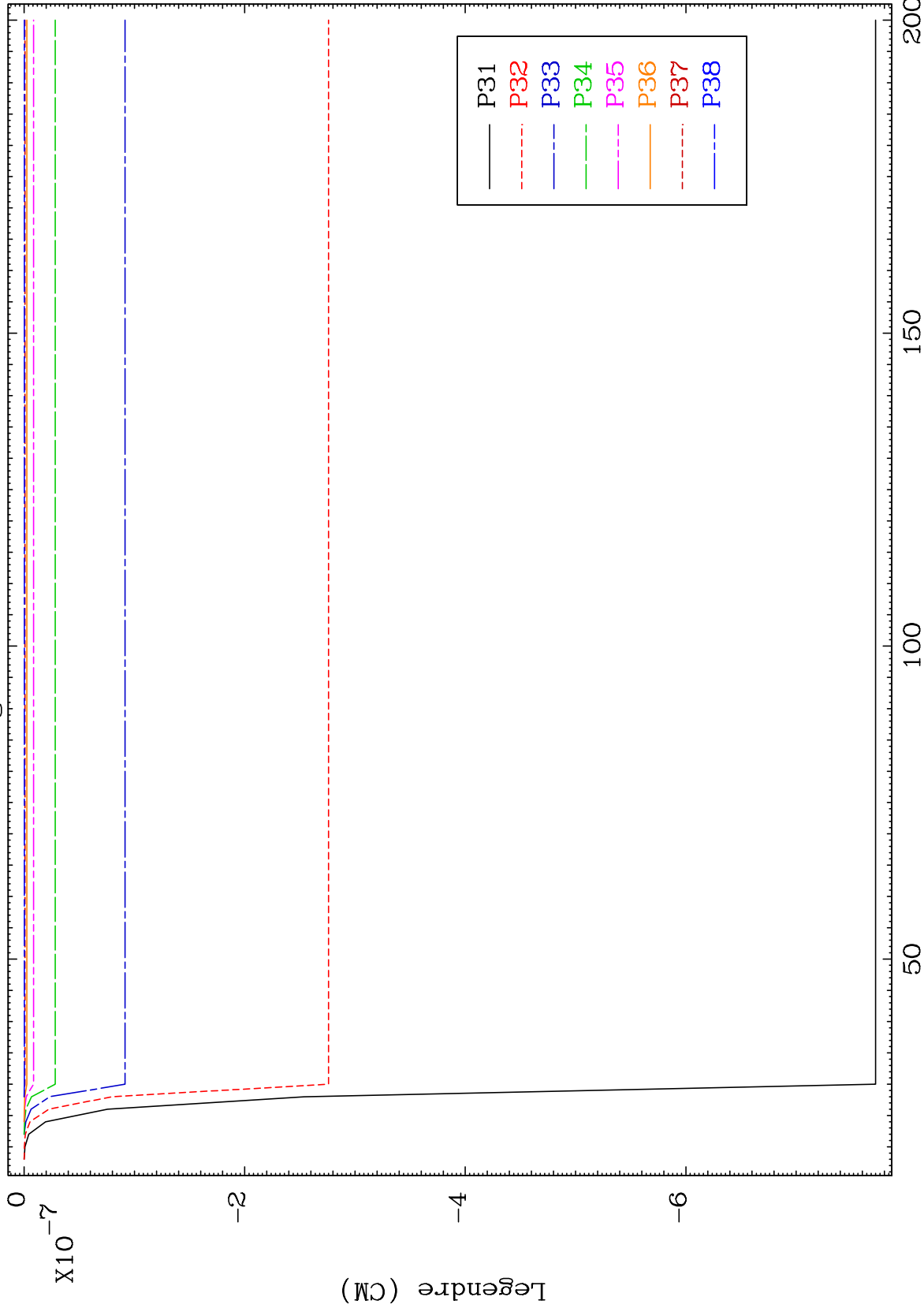
83-Bi-208



MAT 8322

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

83-Bi-208



100

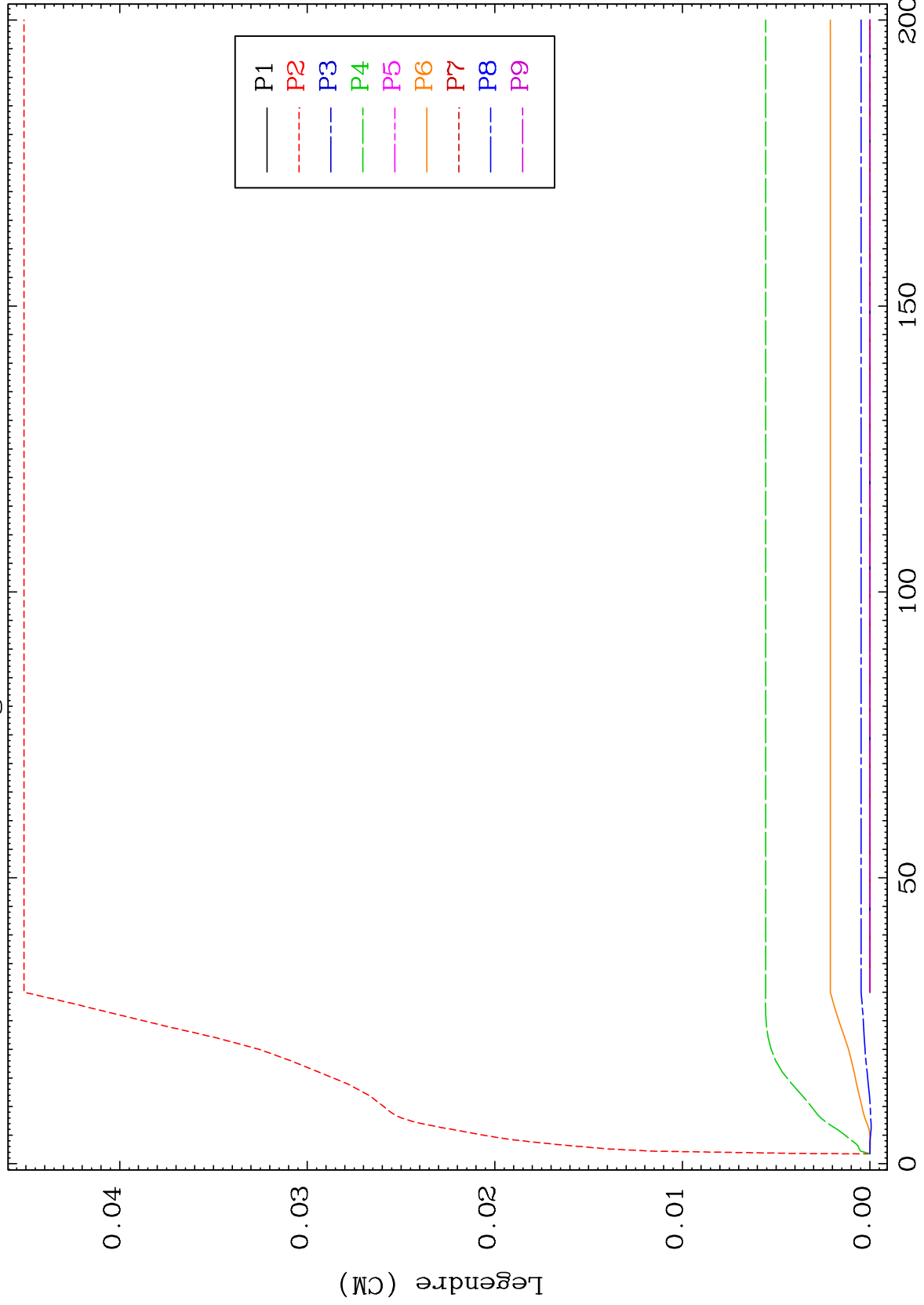
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



101

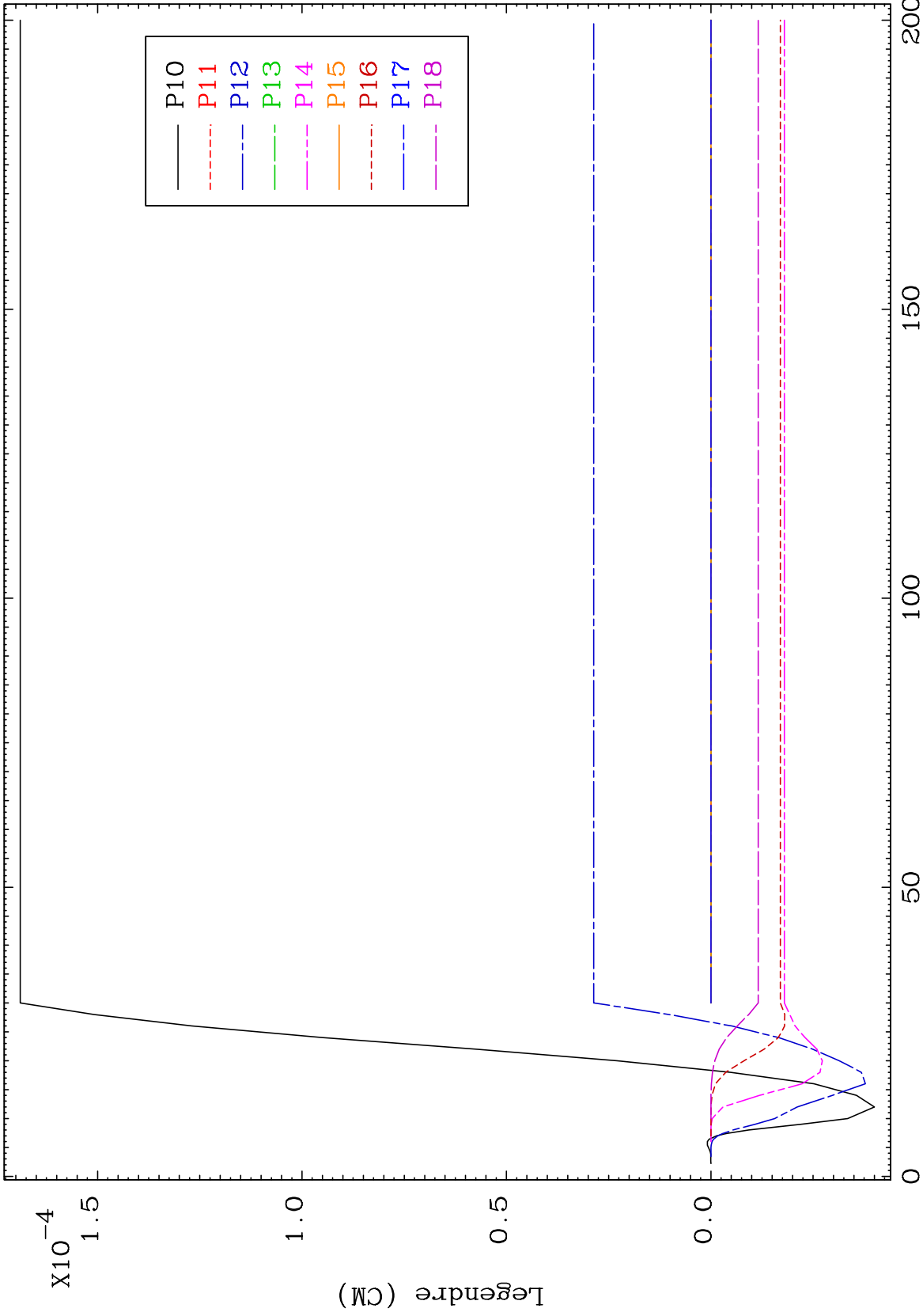
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



102

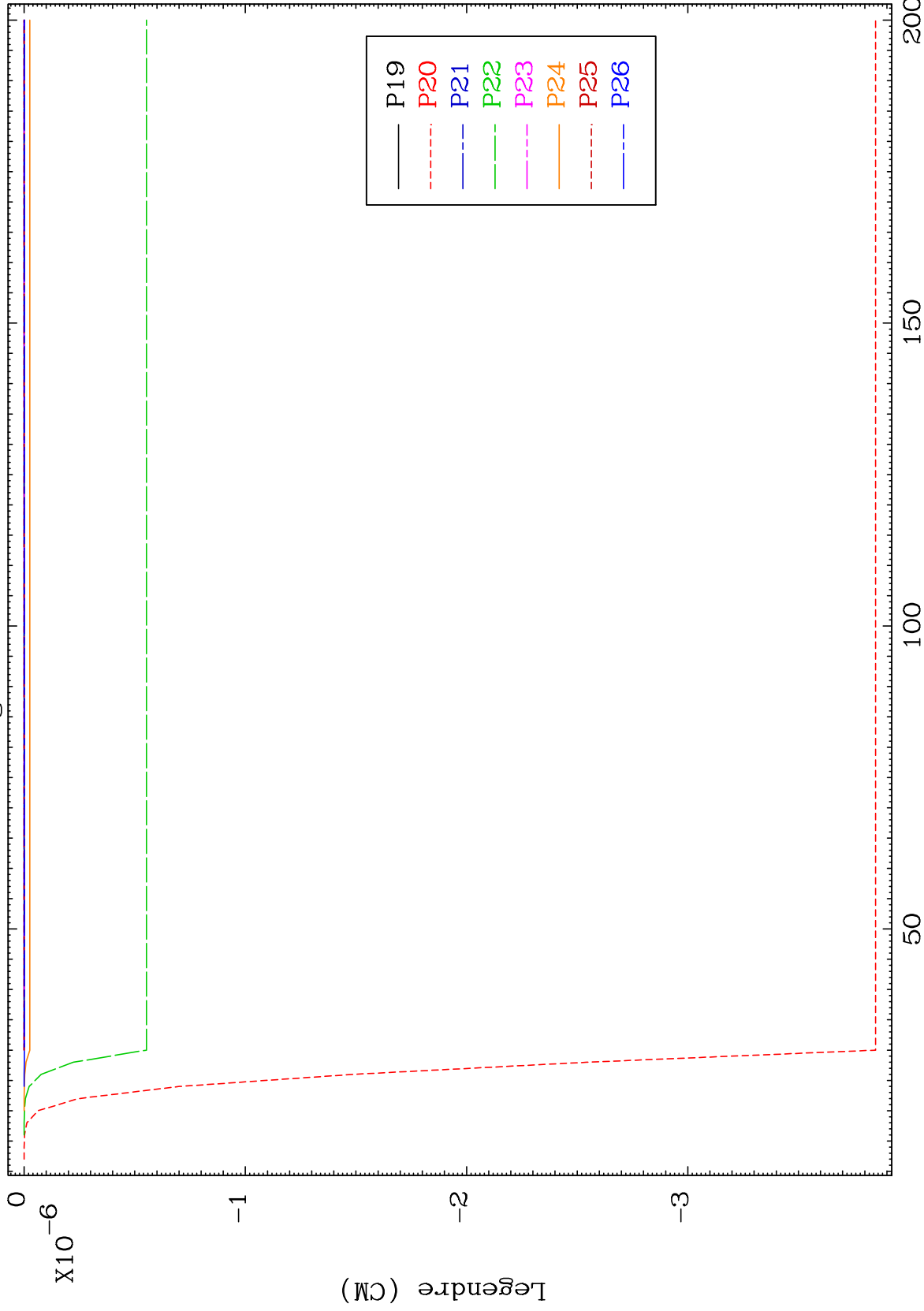
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



103

Incident Energy (MeV)

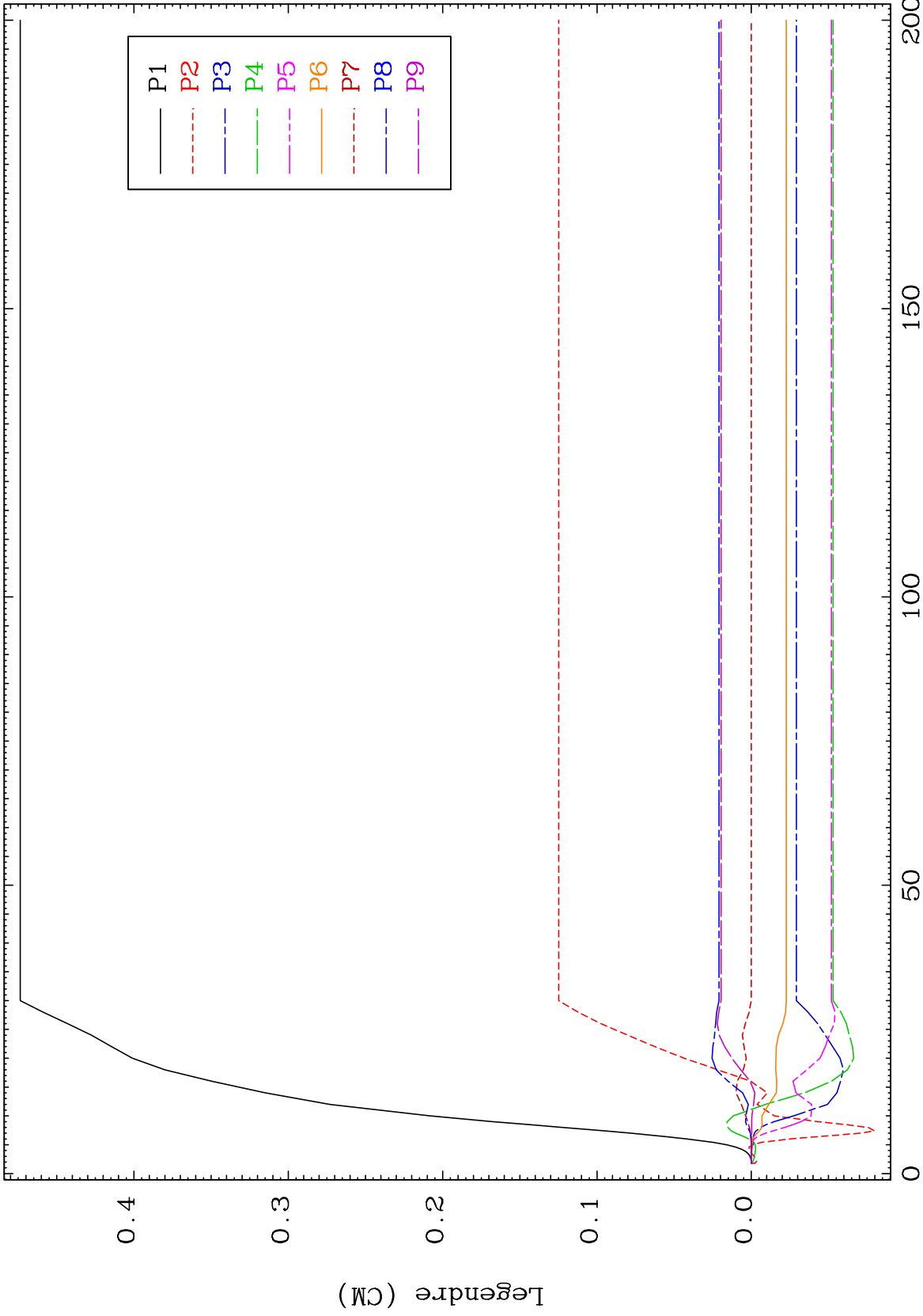
83-Bi-208



MAT 8322

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

83-Bi-208



104

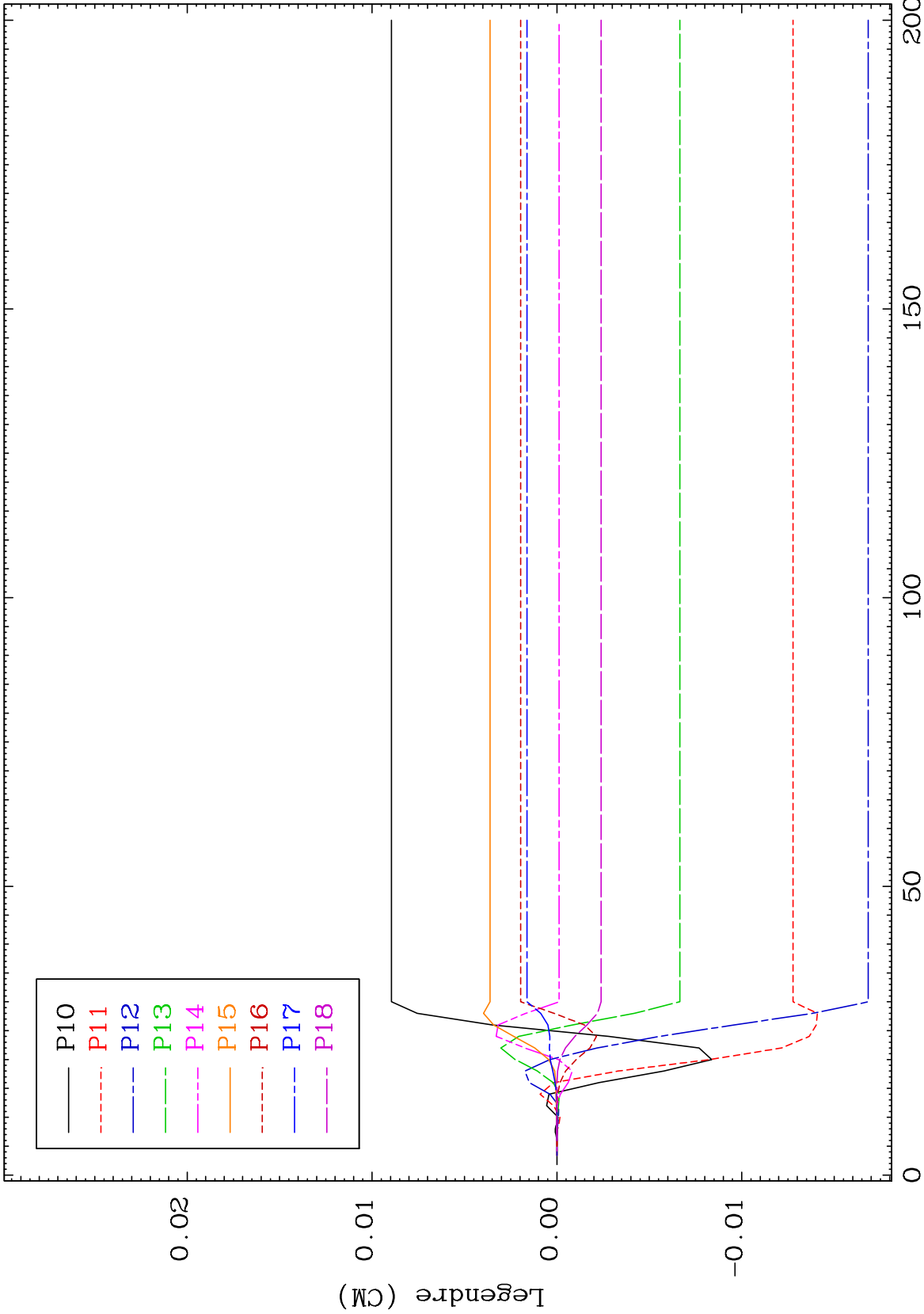
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



83-Bi-208

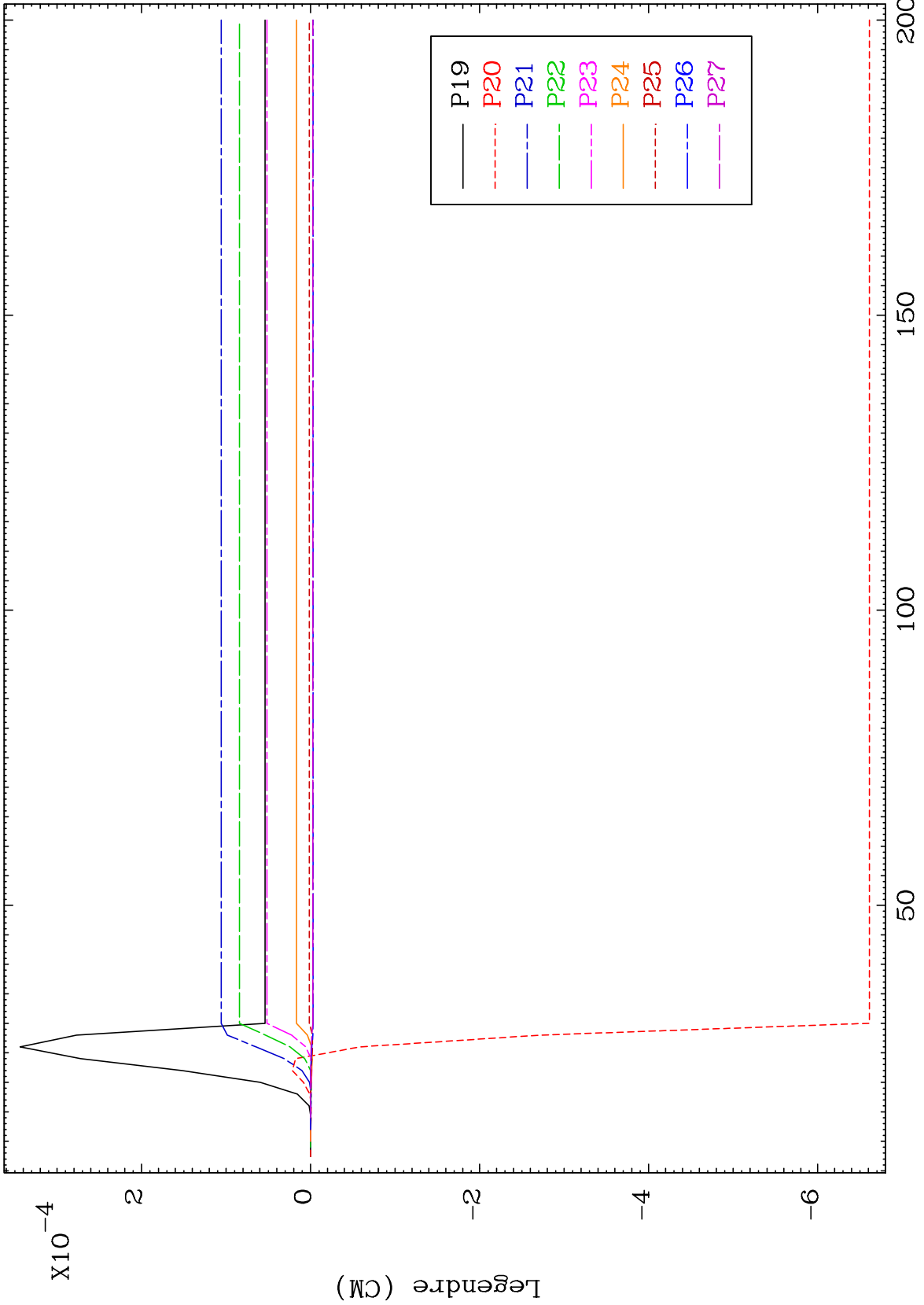
Incident Energy (MeV)

105

MAT 8322

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

83-Bi-208



106

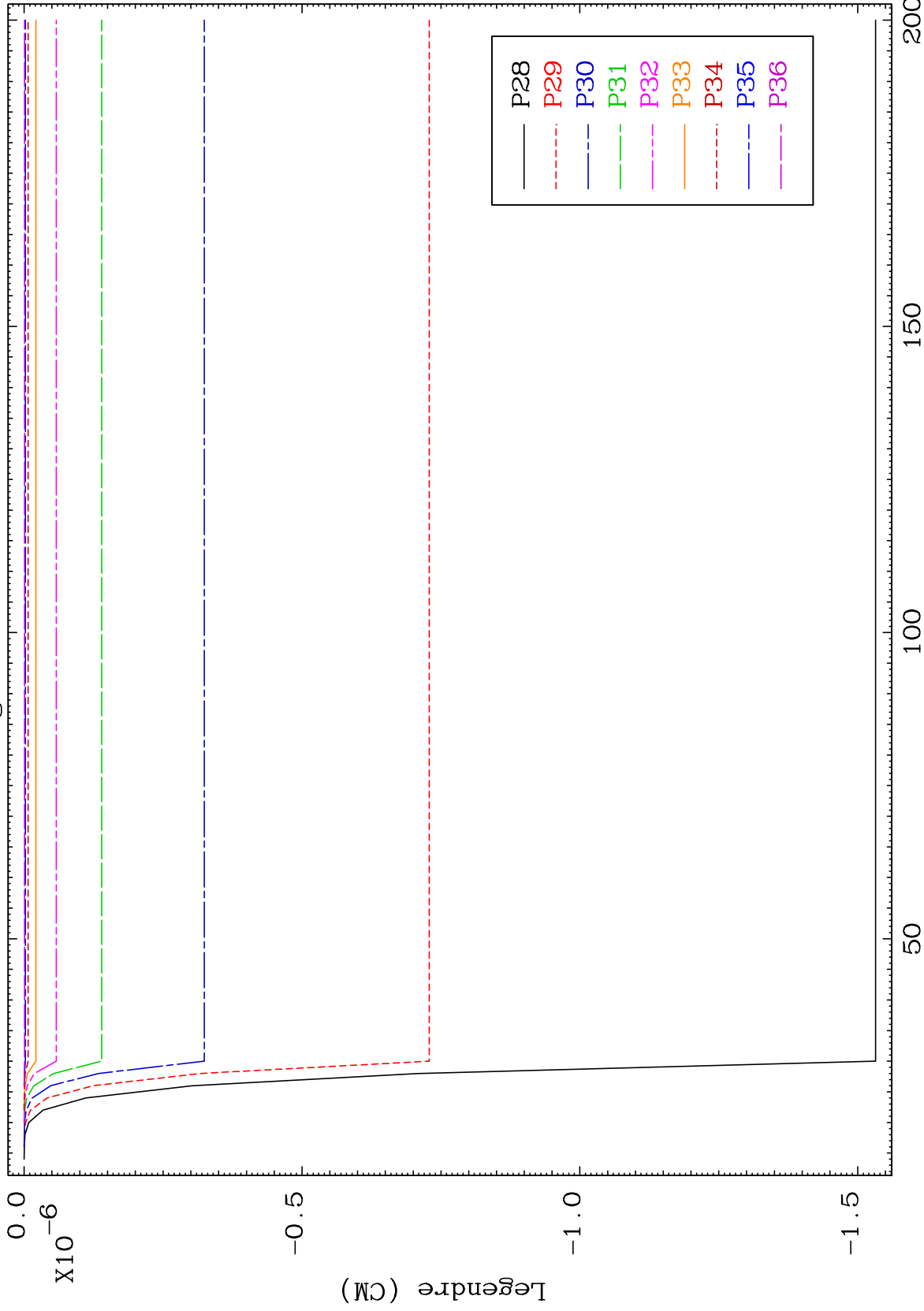
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



83-Bi-208

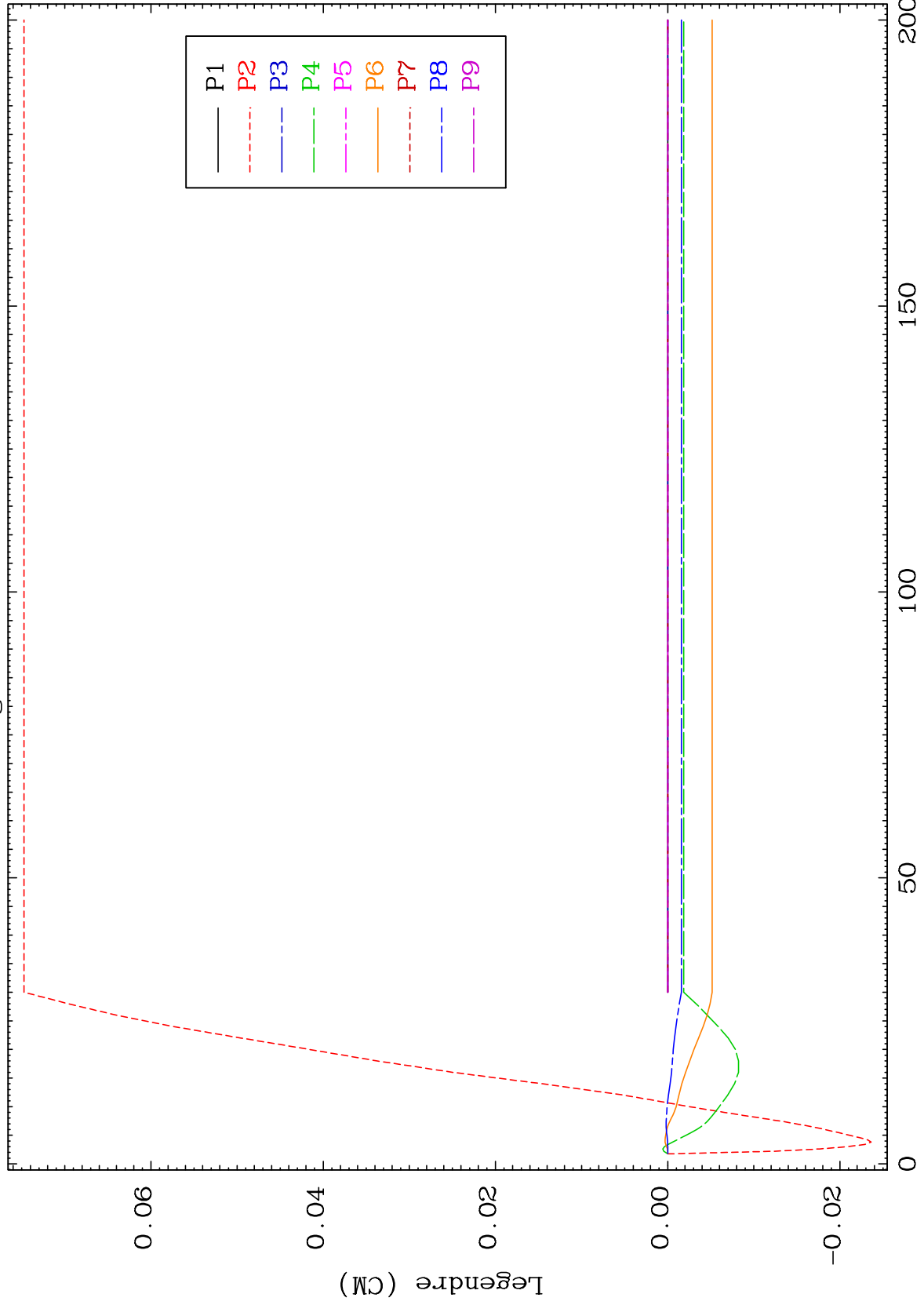
Incident Energy (MeV)

107

MAT 8322

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

83-Bi-208



83-Bi-208

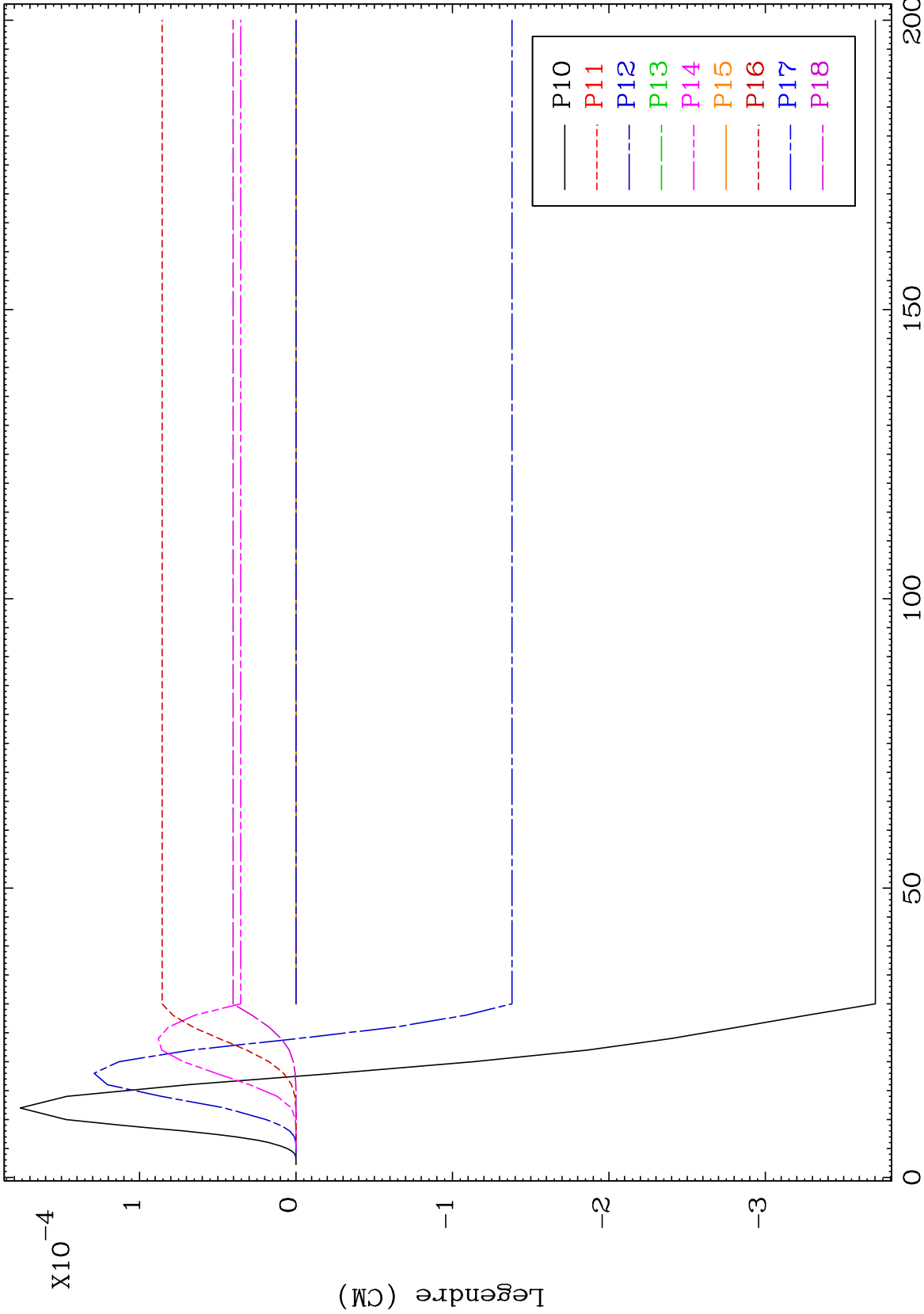
Incident Energy (MeV)

108

MAT 8322

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

83-Bi-208



109

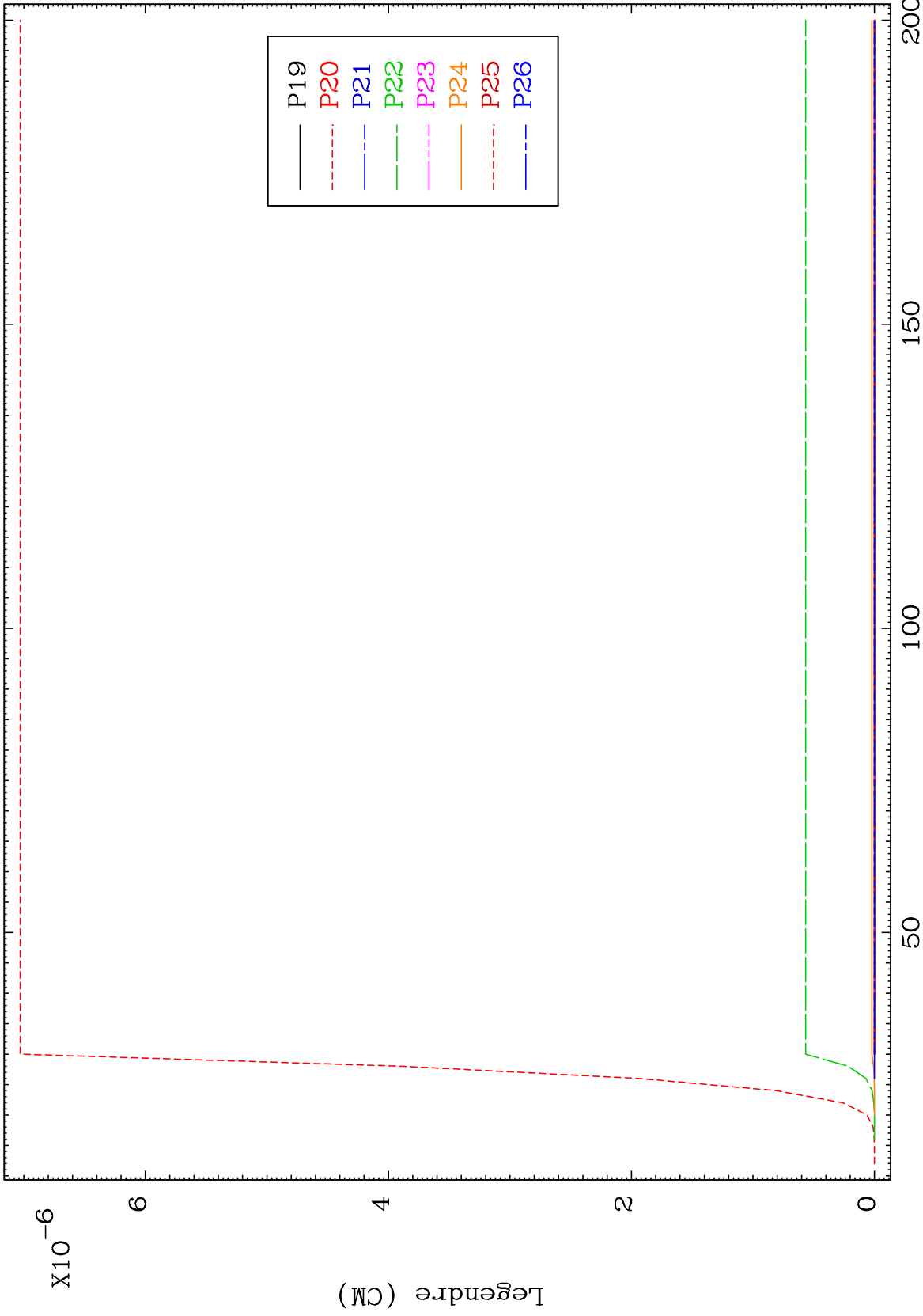
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



110

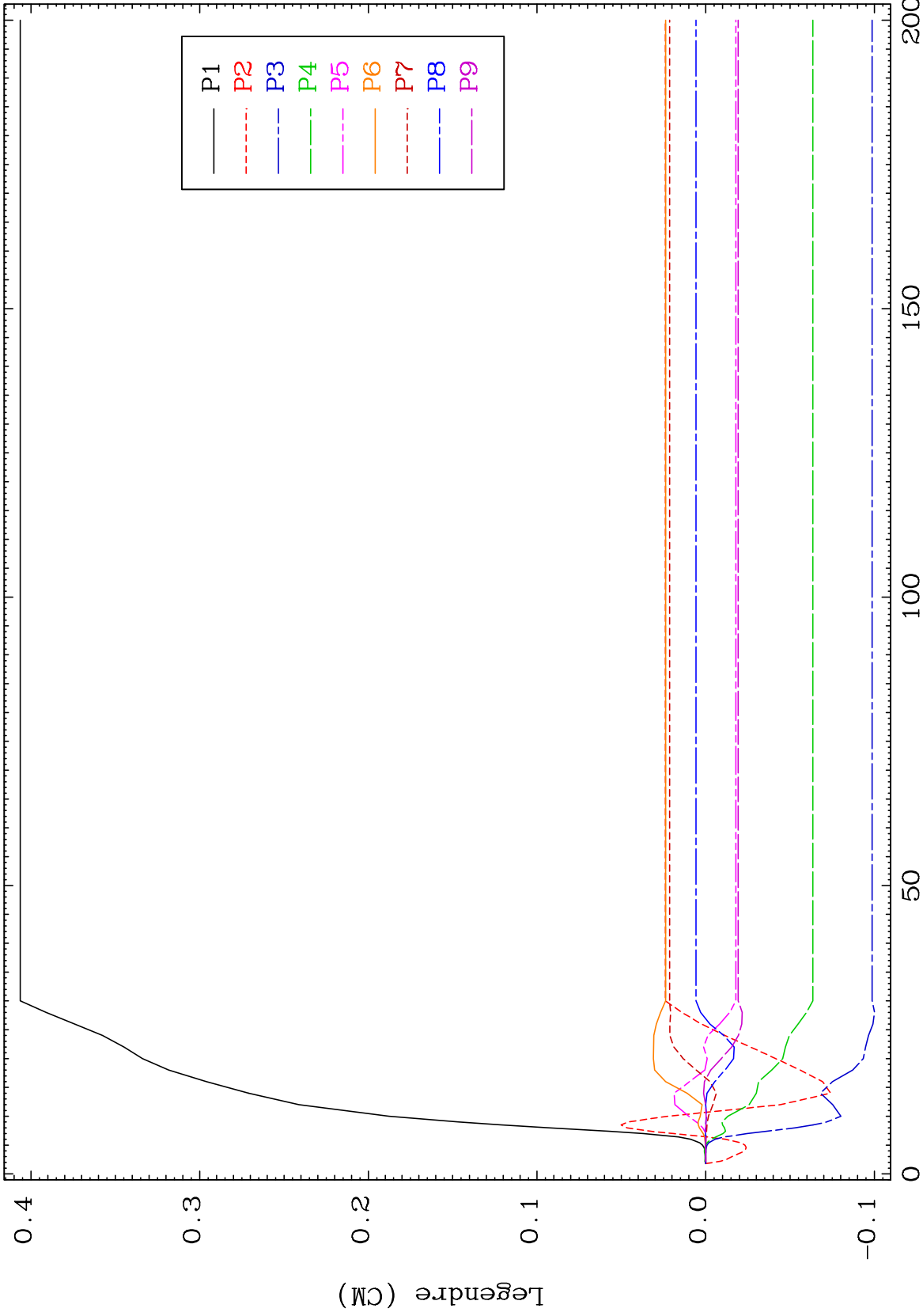
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



111

Incident Energy (MeV)

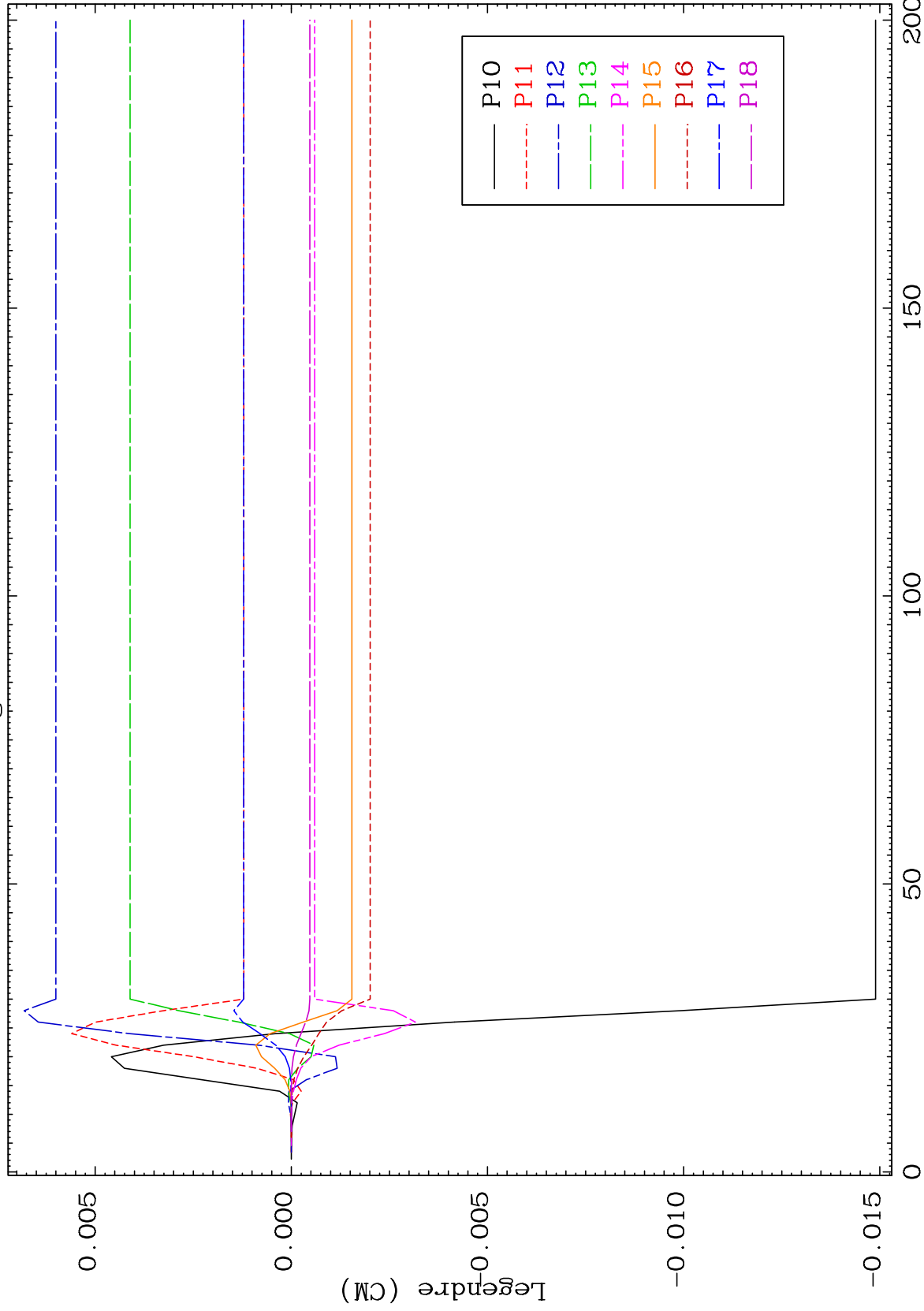
83-Bi-208



MAT 8322

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

83-Bi-208



112

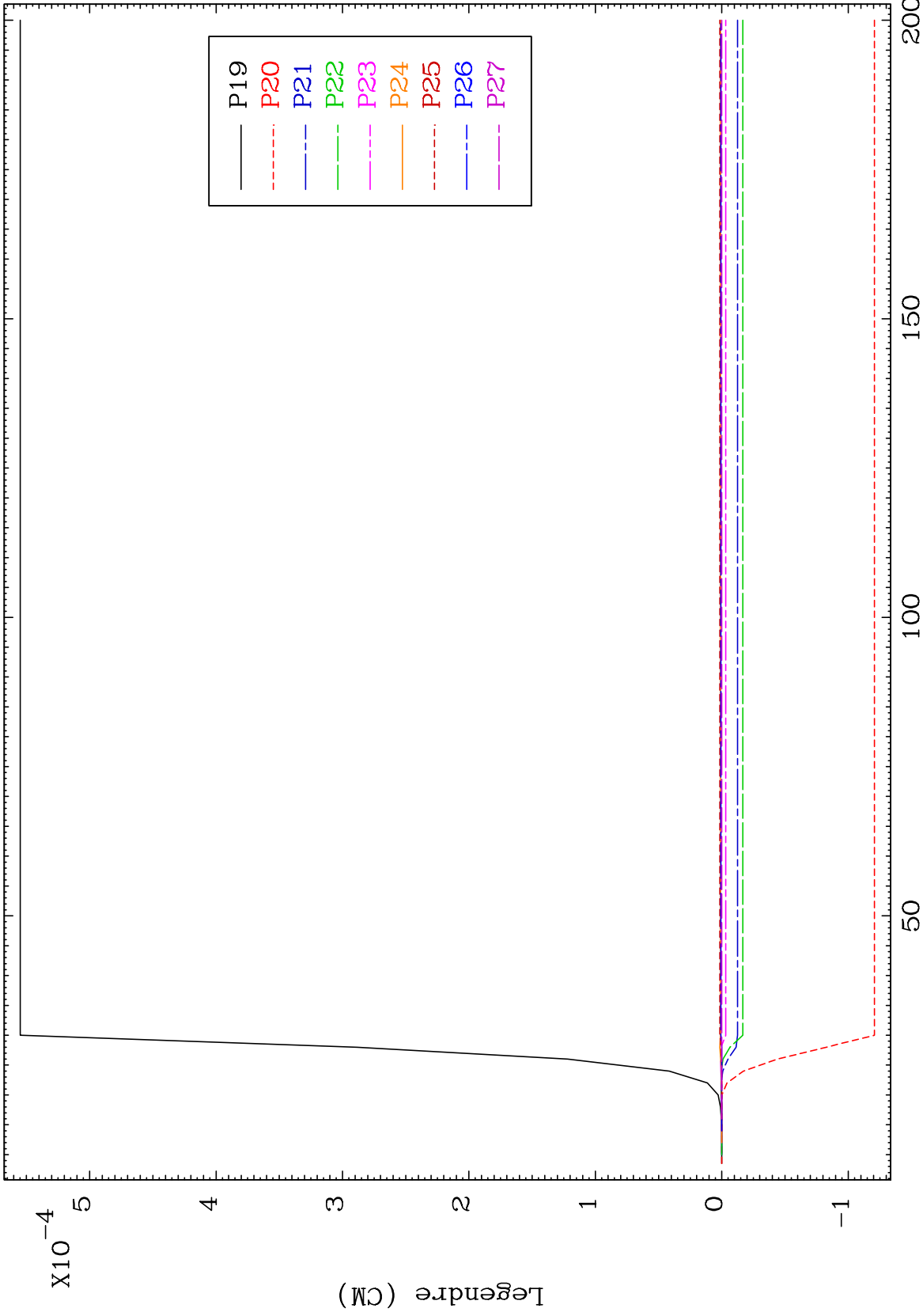
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



113

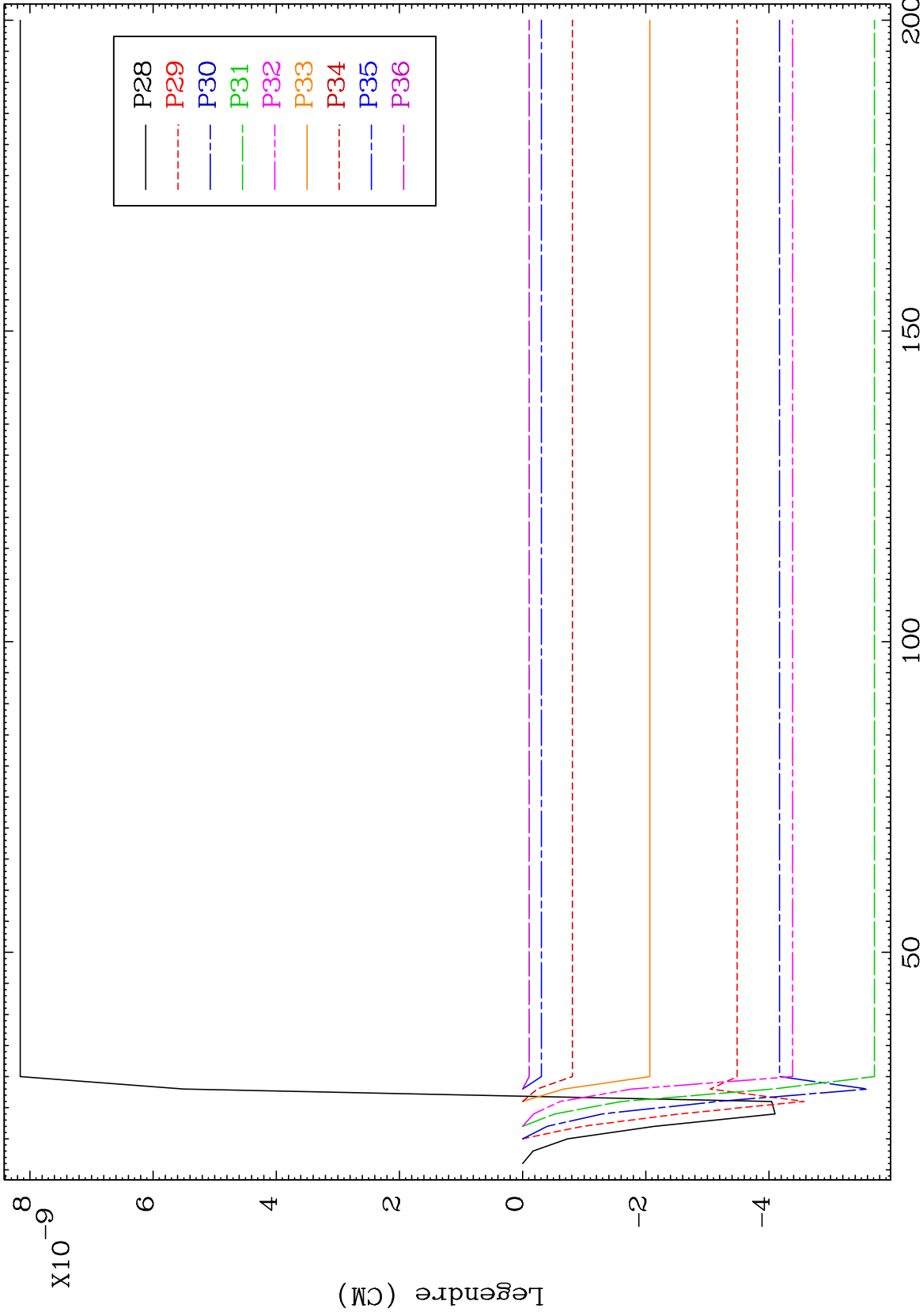
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



114

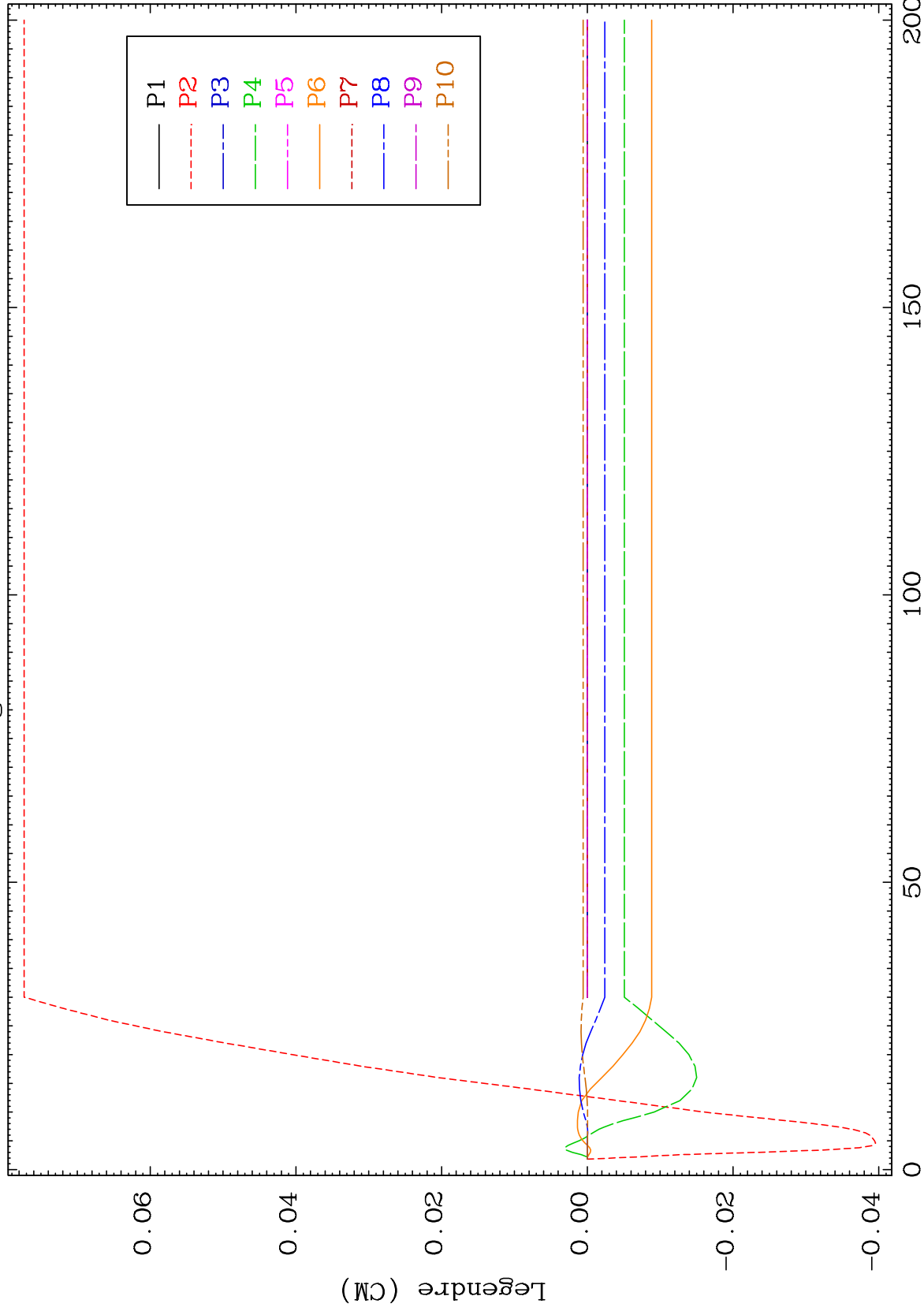
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



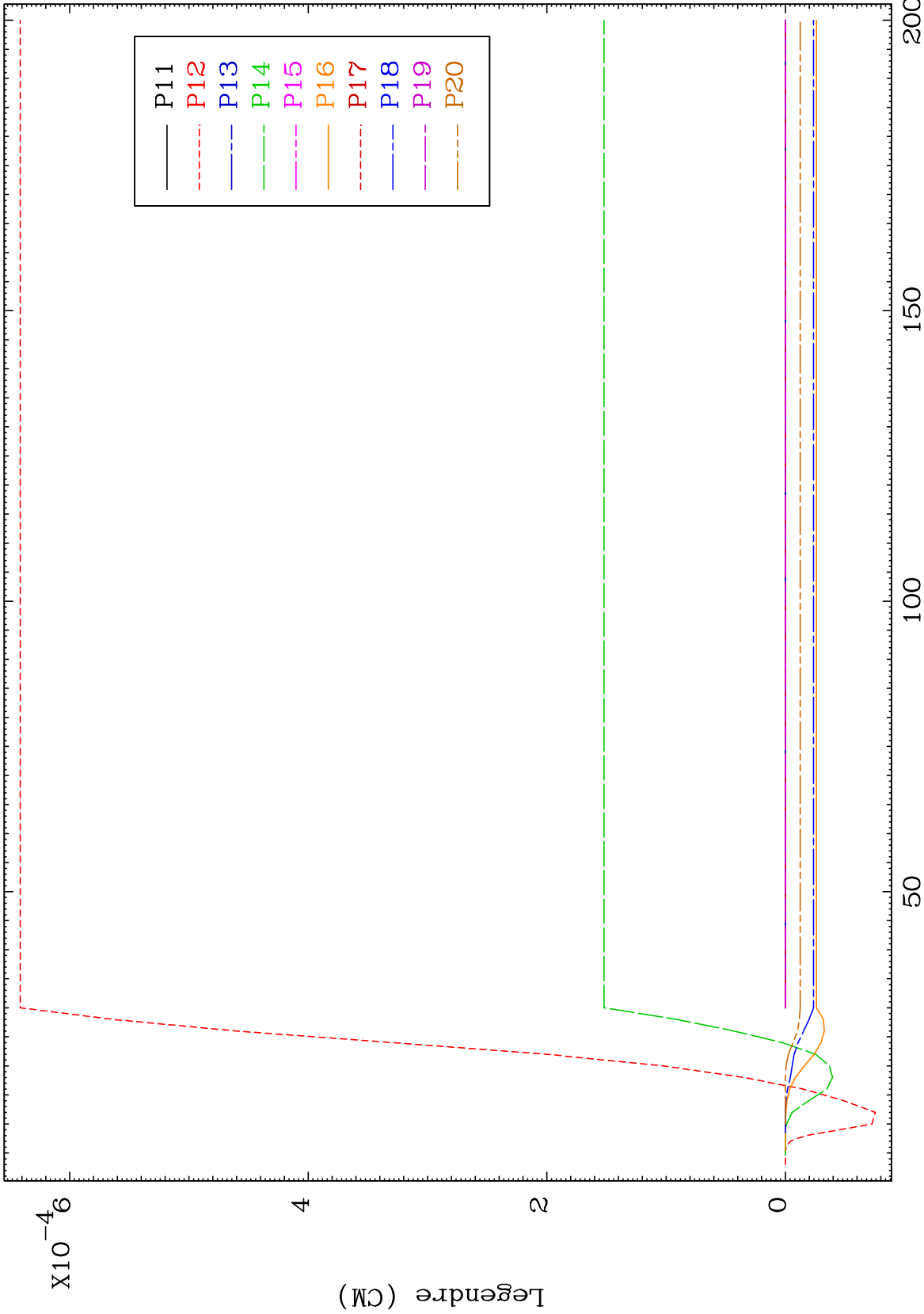
115

83-Bi-208

MAT 8322

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

83-Bi-208



116

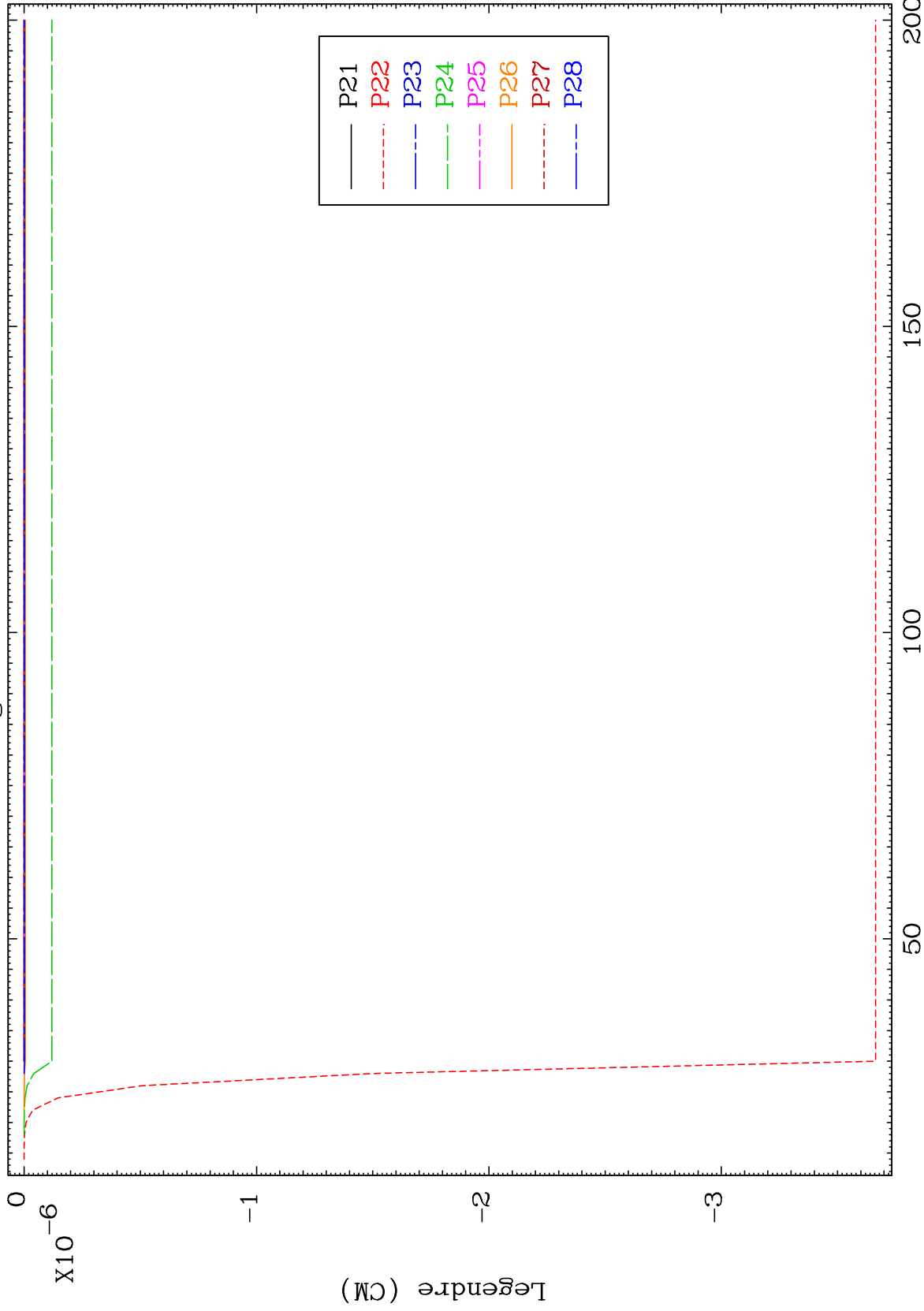
Incident Energy (MeV)

83-Bi-208

MAT 8322

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

83-Bi-208



117

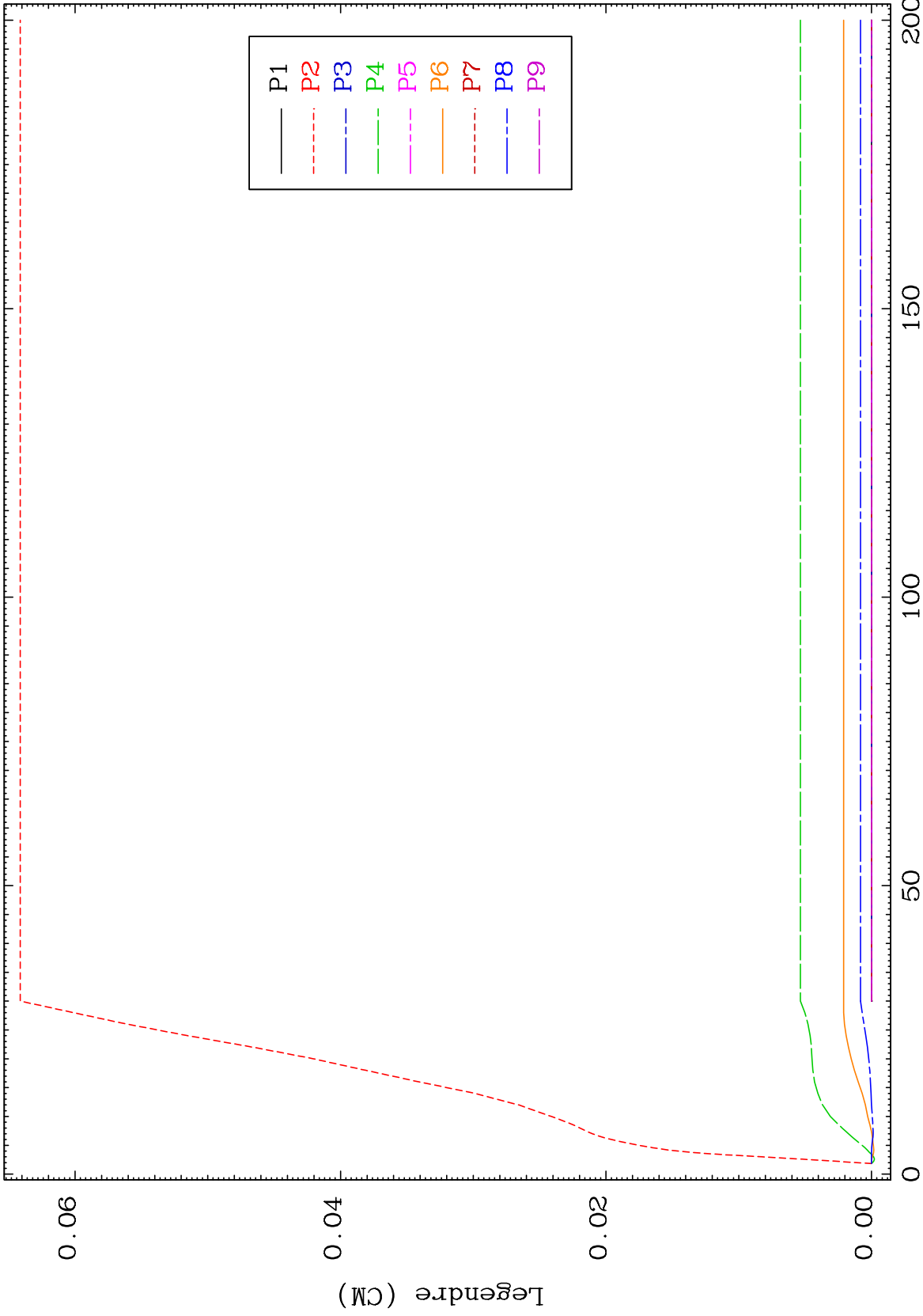
Incident Energy (MeV)

83-Bi-208

MAT 8322

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-208



118

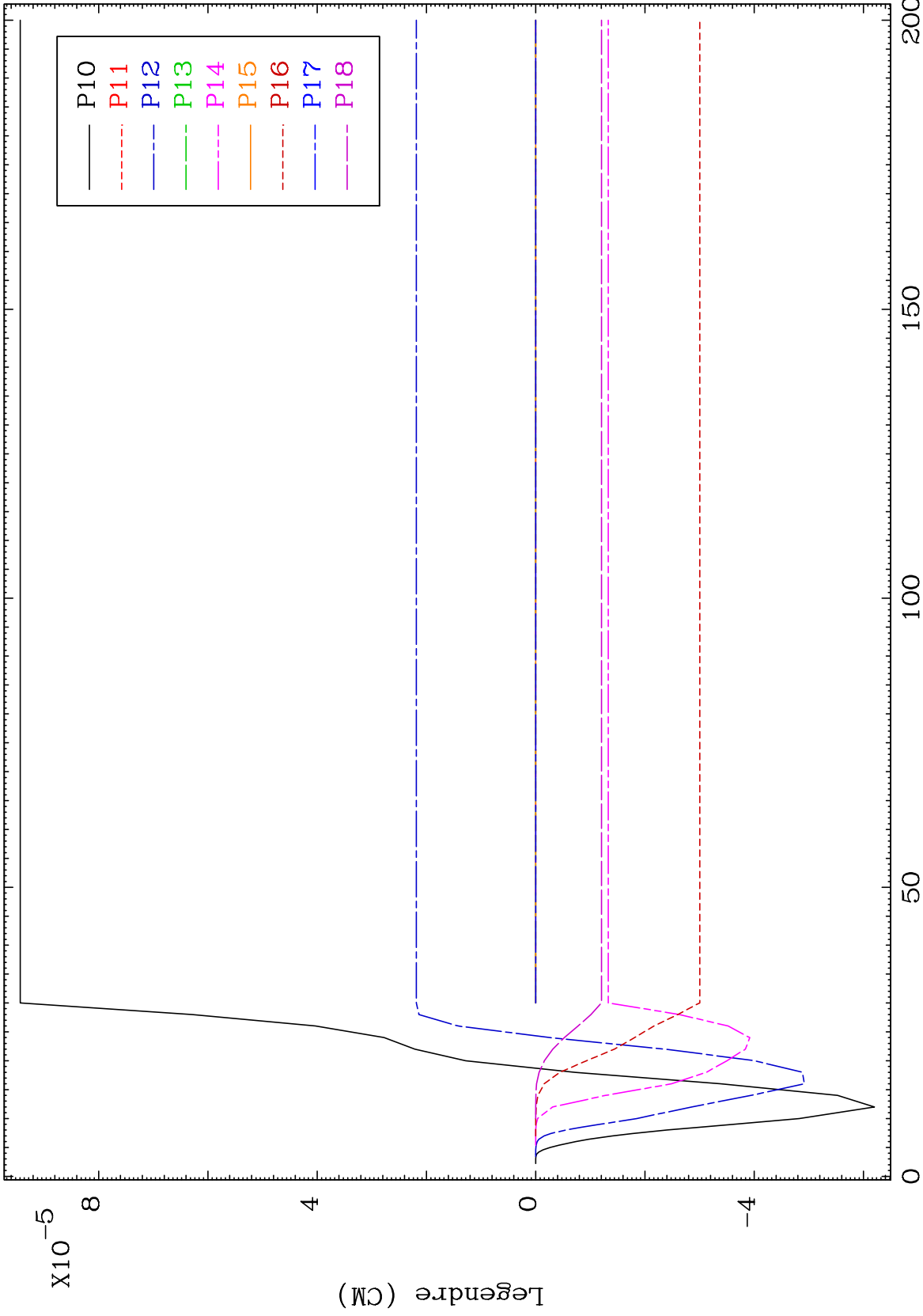
Incident Energy (MeV)

83-Bi-208

MAT 8322

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-208



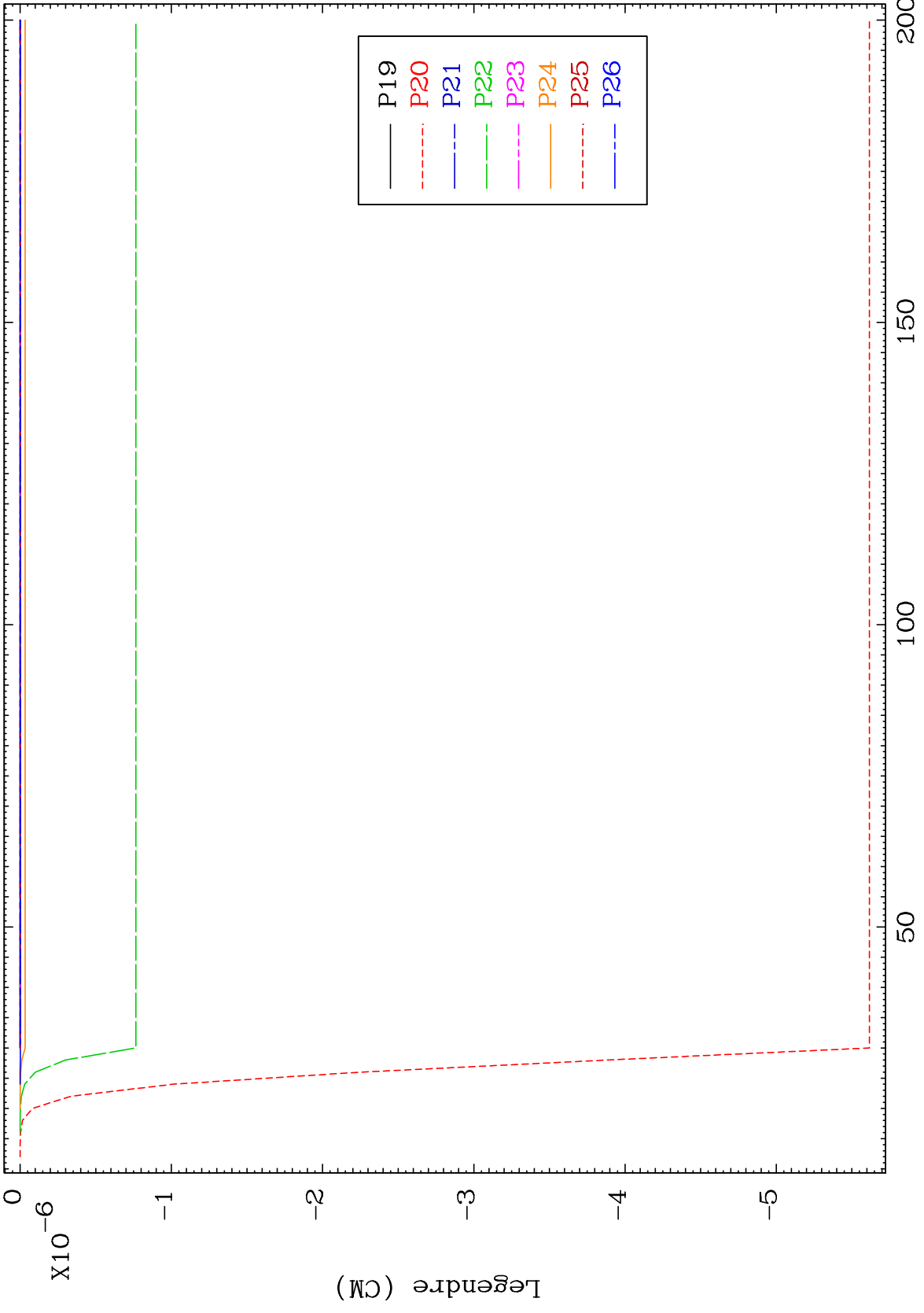
119

Incident Energy (MeV)

83-Bi-208



MAT 8322 MT= 79 (n,n') Level Legendre Coefficients 83-Bi-208

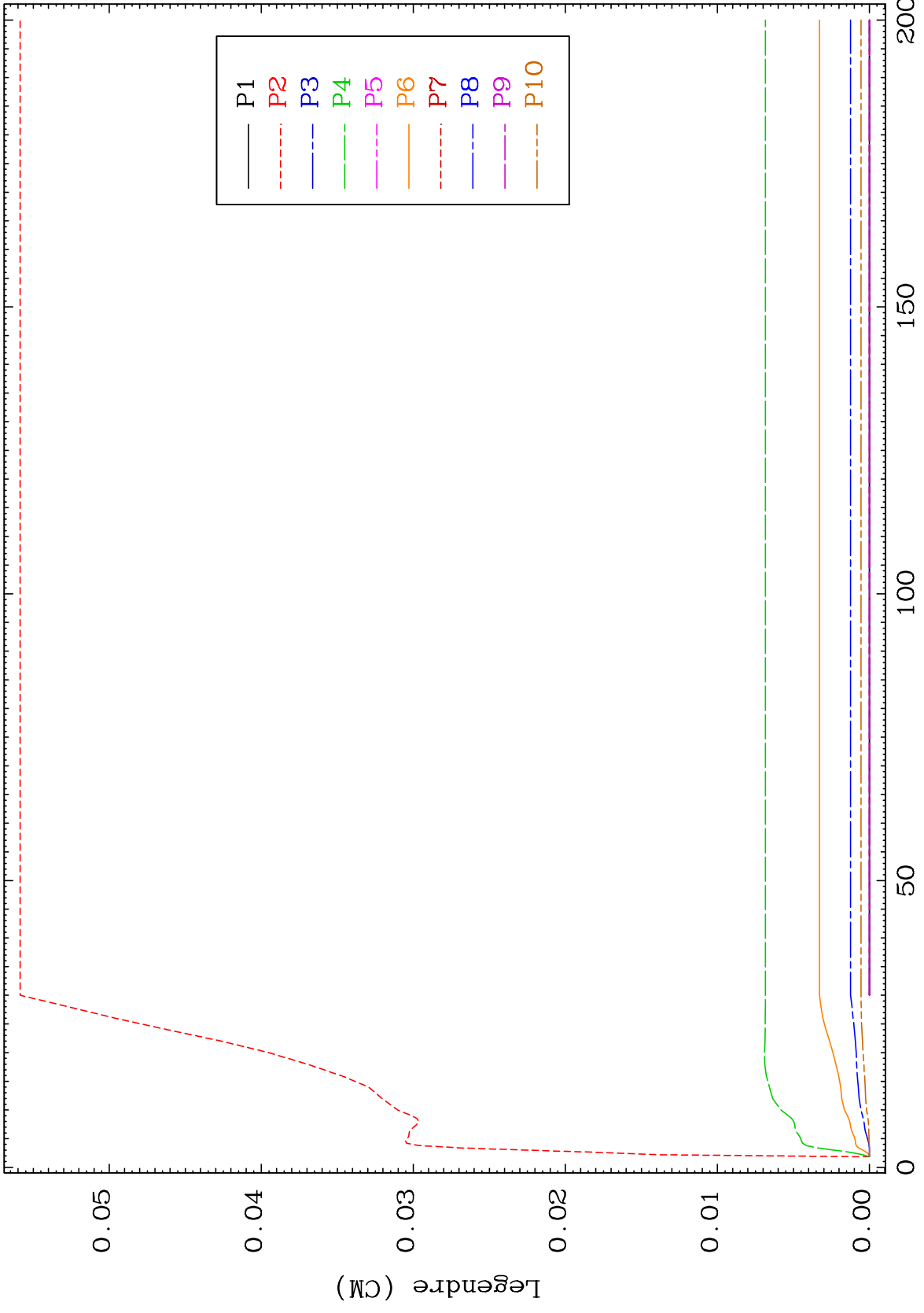


83-Bi-208

MAT 8322

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-208



121

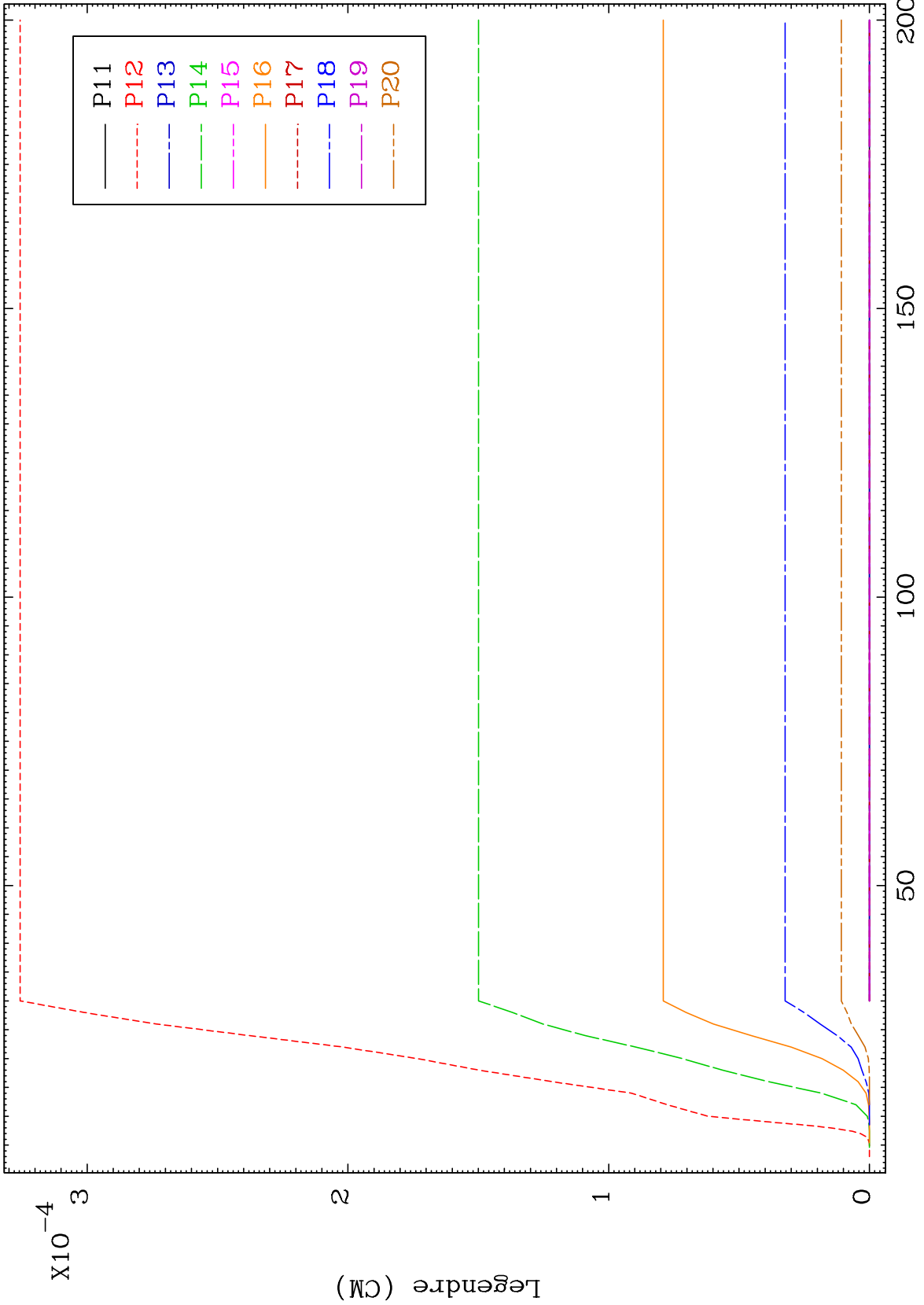
Incident Energy (MeV)

83-Bi-208

MAT 8322

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-208



122

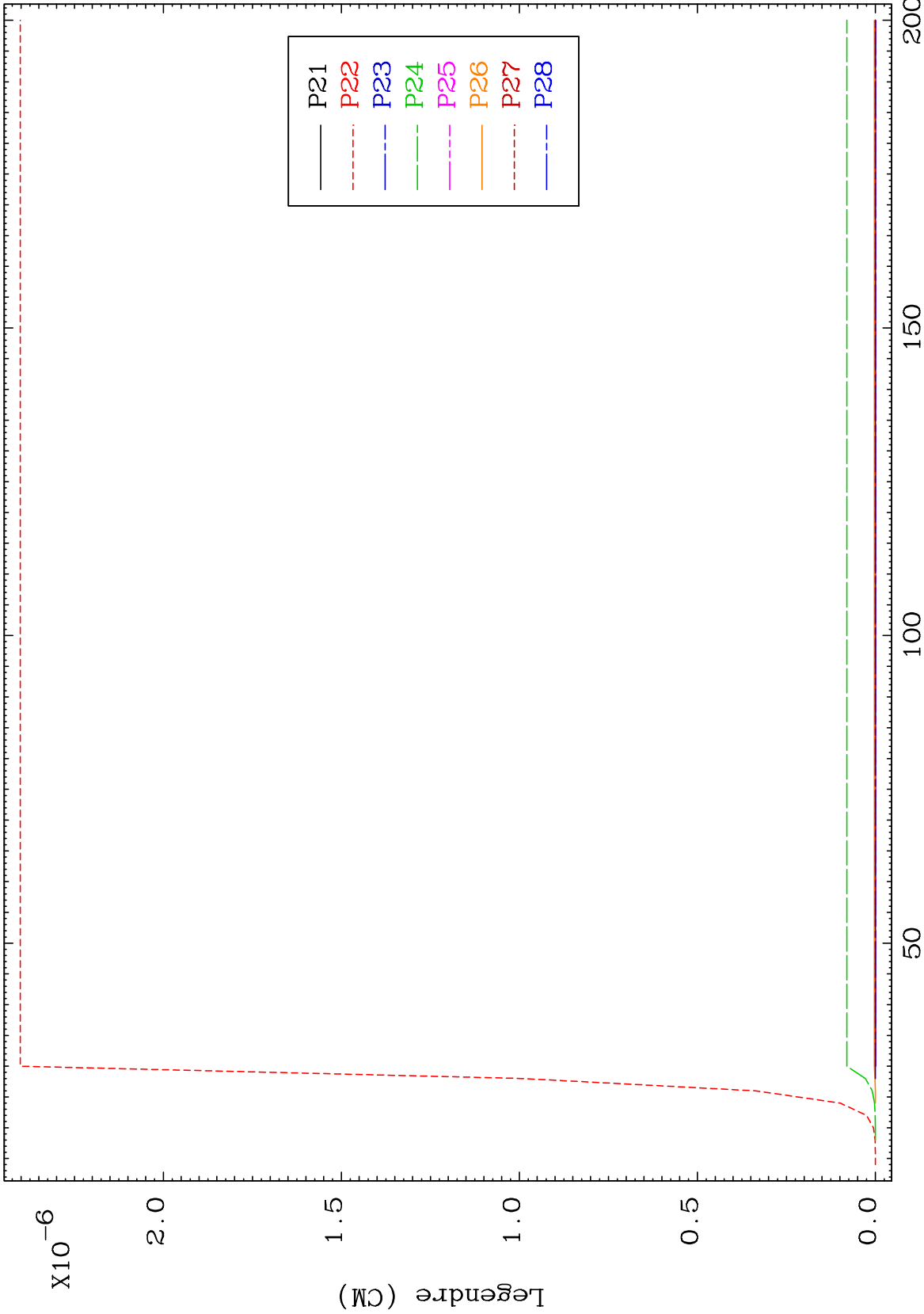
Incident Energy (MeV)

83-Bi-208

MAT 8322

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-208



123

Incident Energy (MeV)

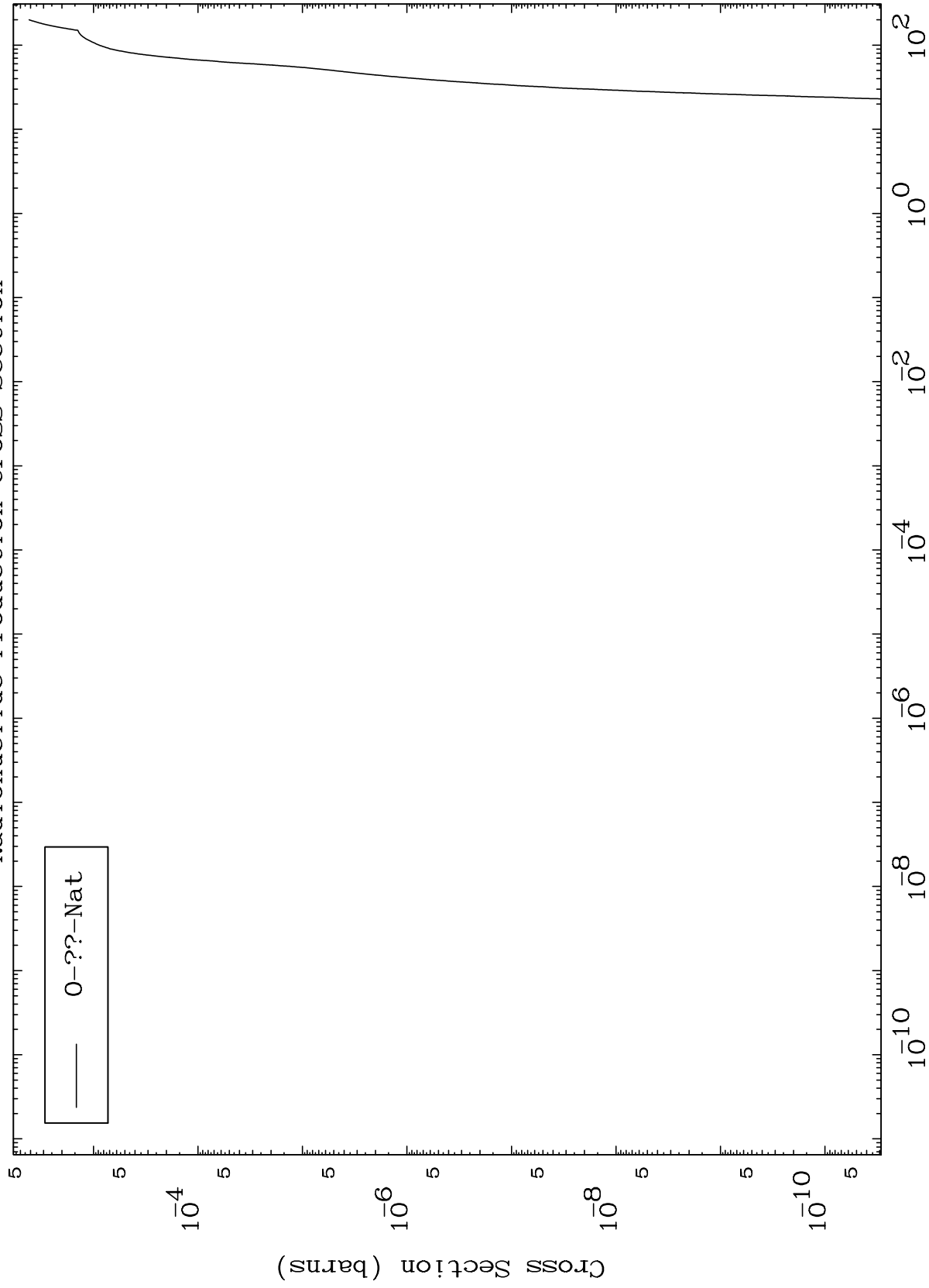
83-Bi-208

MAT 8322

Fission

83-Bi-208

Radionuclide Production Cross Section



124

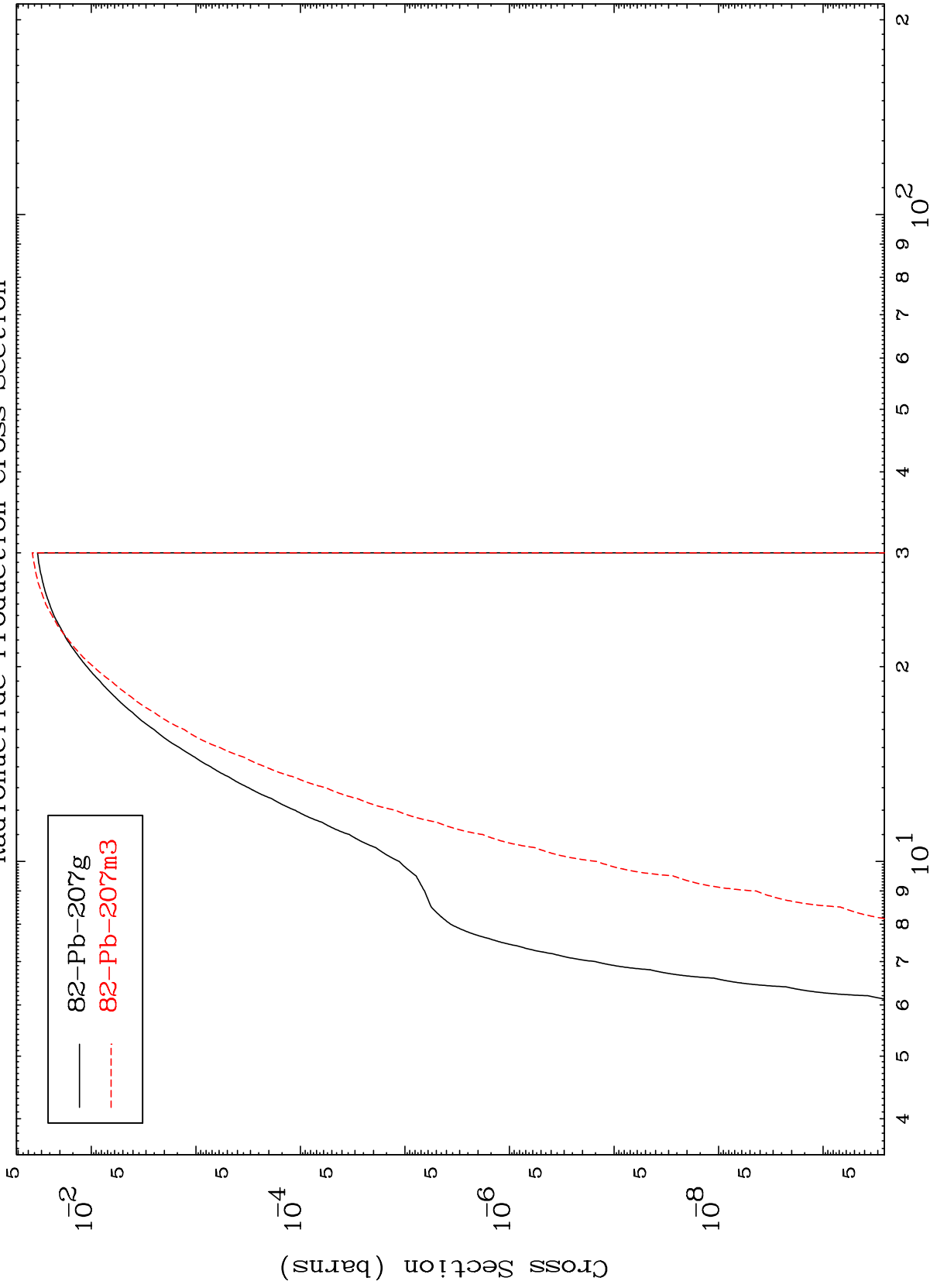
83-Bi-208

MAT 8322

(n,n') p

83-Bi-208

Radionuclide Production Cross Section



82-Pb-207g  
82-Pb-207m3

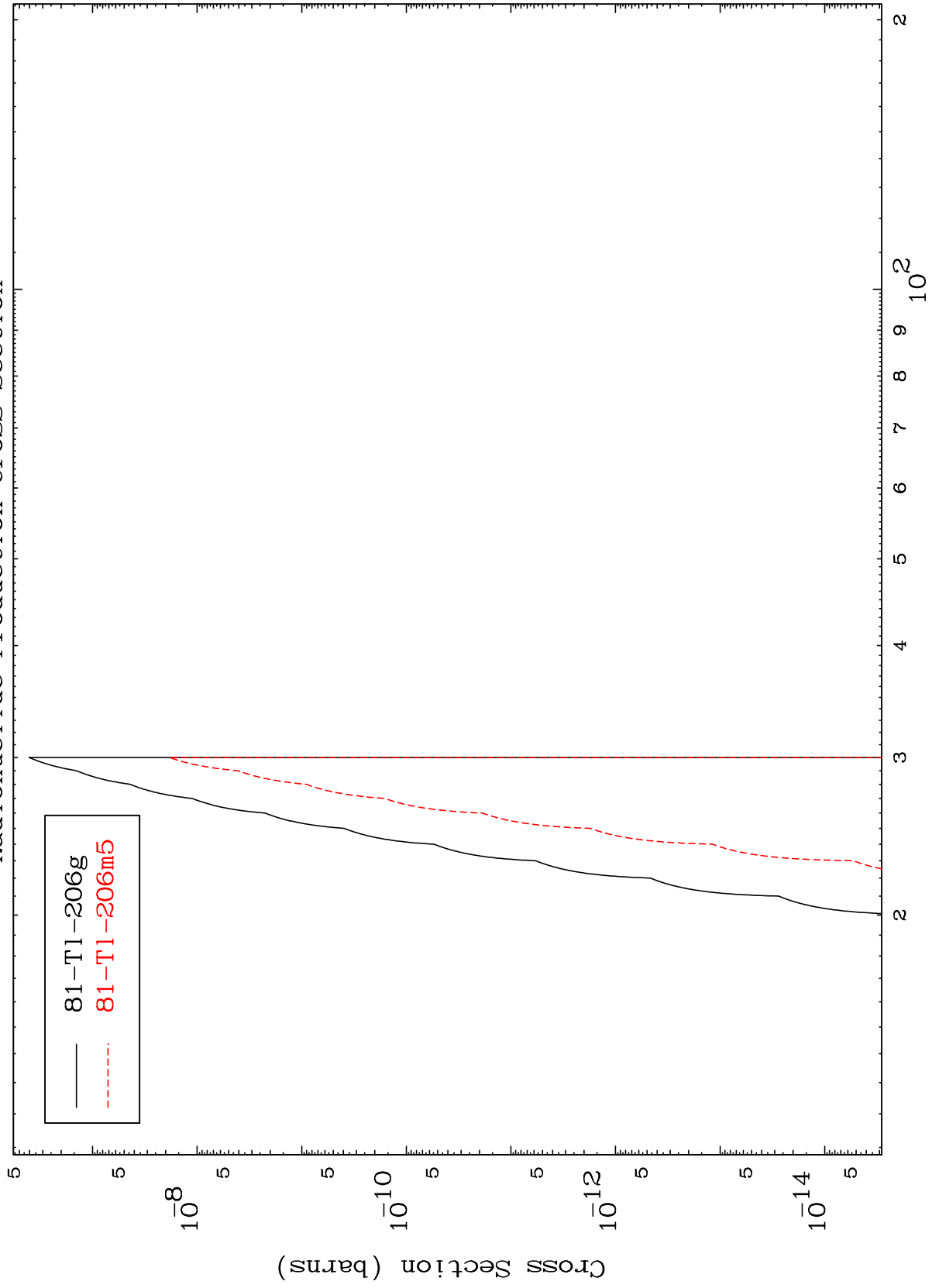
125

MAT 8322

(n,2n) p

83-Bi-208

Radionuclide Production Cross Section



126

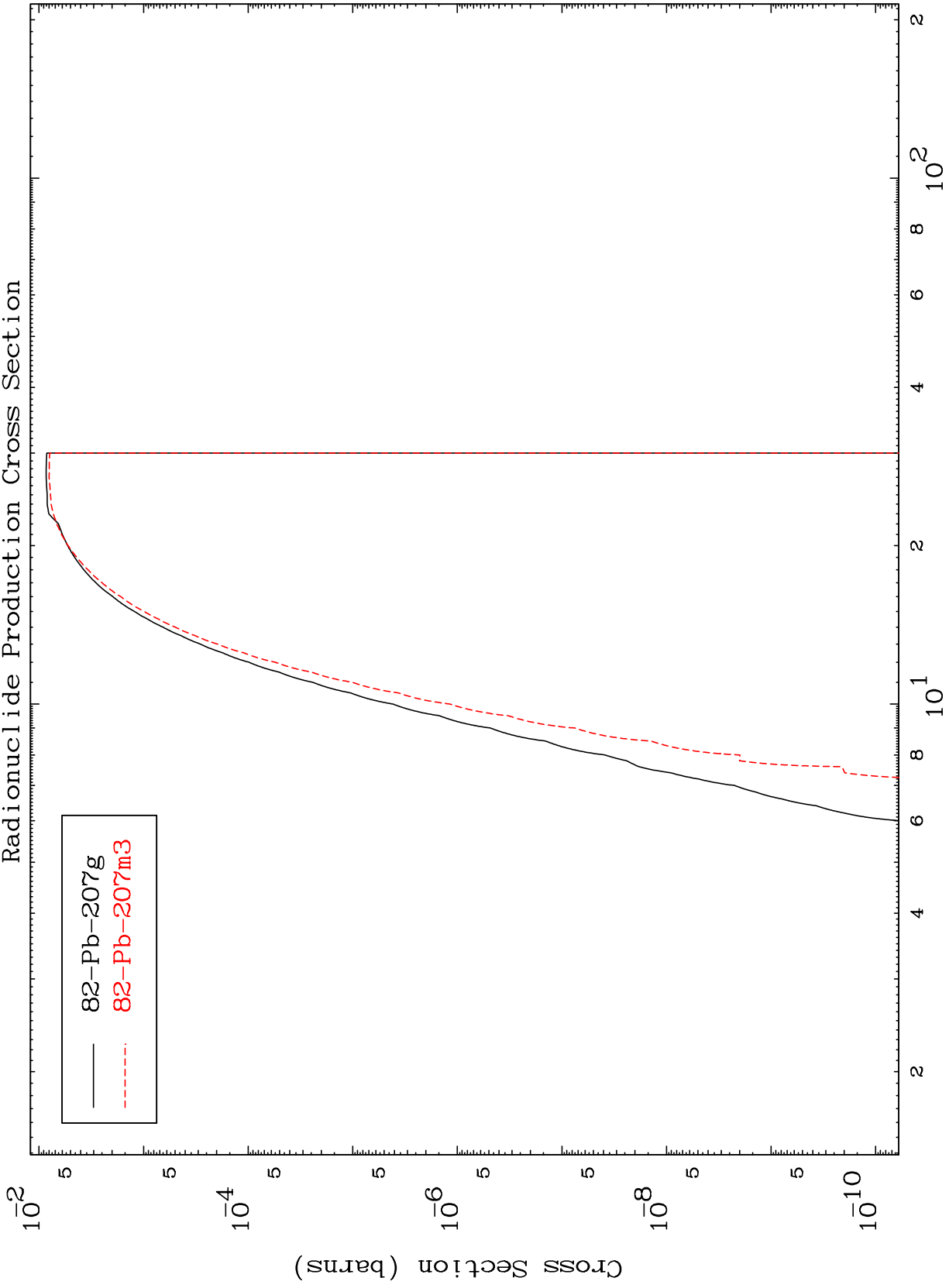
Incident Energy (MeV)

83-Bi-208

MAT 8322

83-Bi-208

(n,d)  
Radionuclide Production Cross Section



127

83-Bi-208

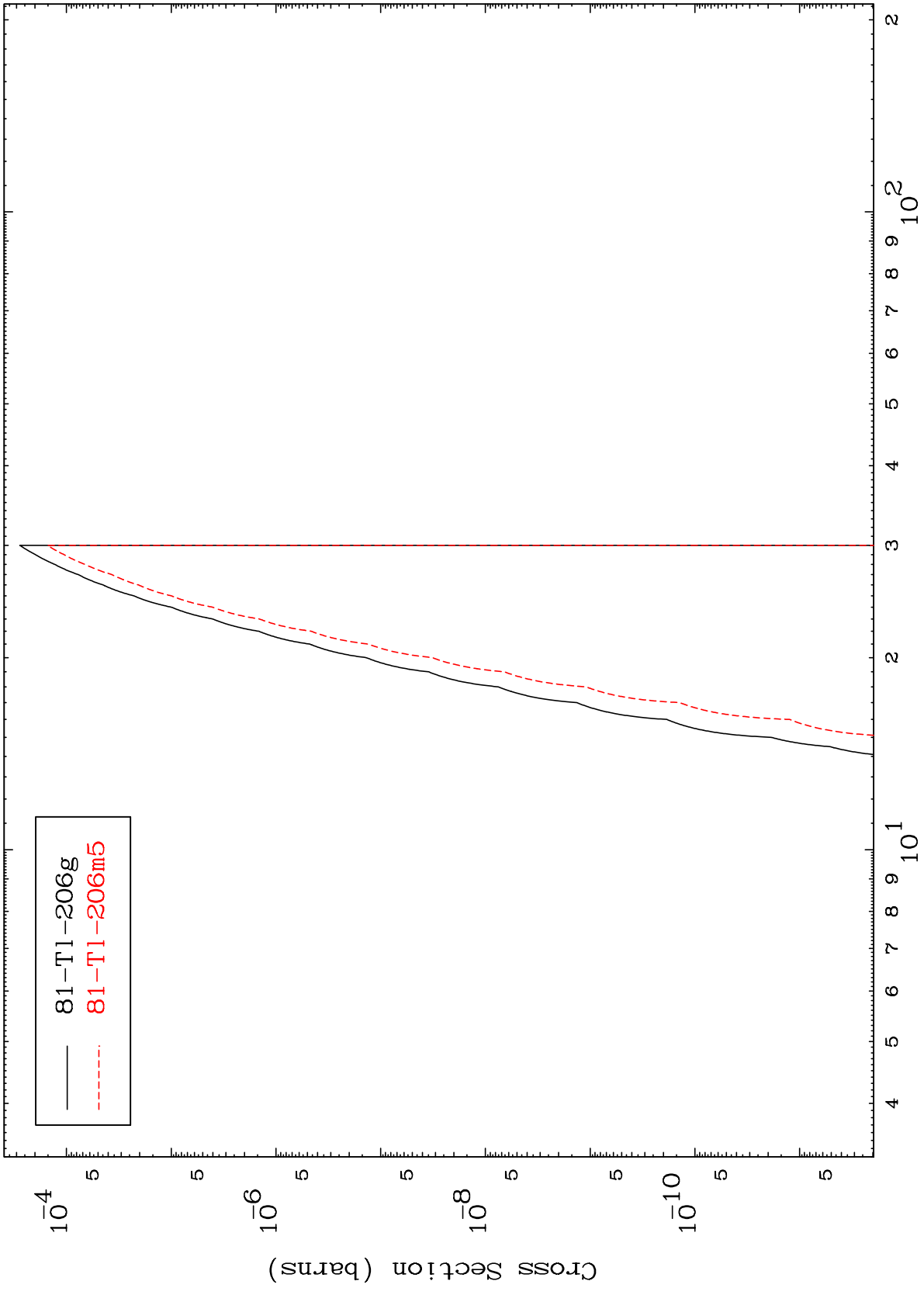


MAT 8322

(n, He-3)

83-Bi-208

Radionuclide Production Cross Section



128

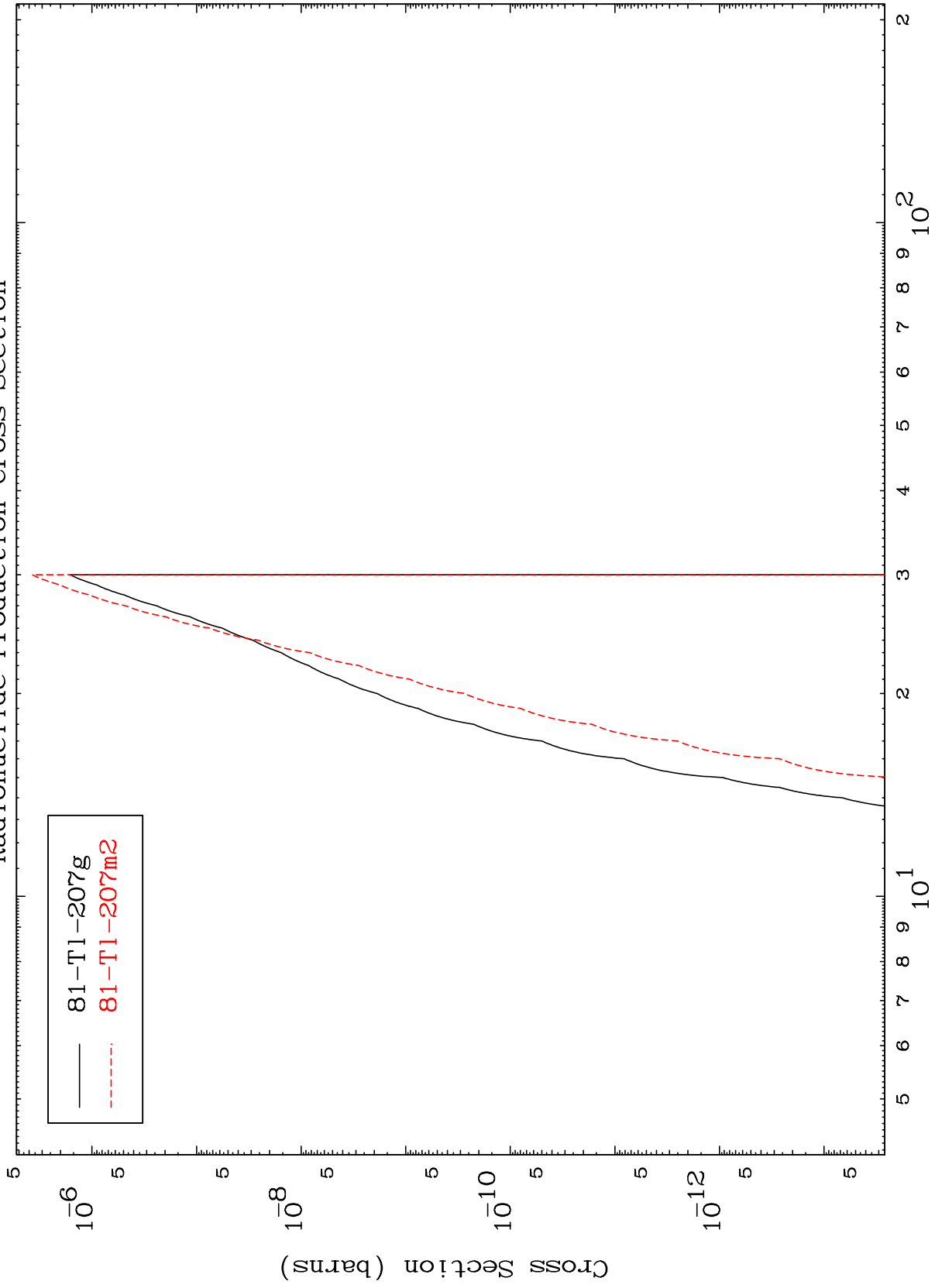
Incident Energy (MeV)

83-Bi-208

MAT 8322

83-Bi-208

(n,2p)  
Radionuclide Production Cross Section



129

Incident Energy (MeV)

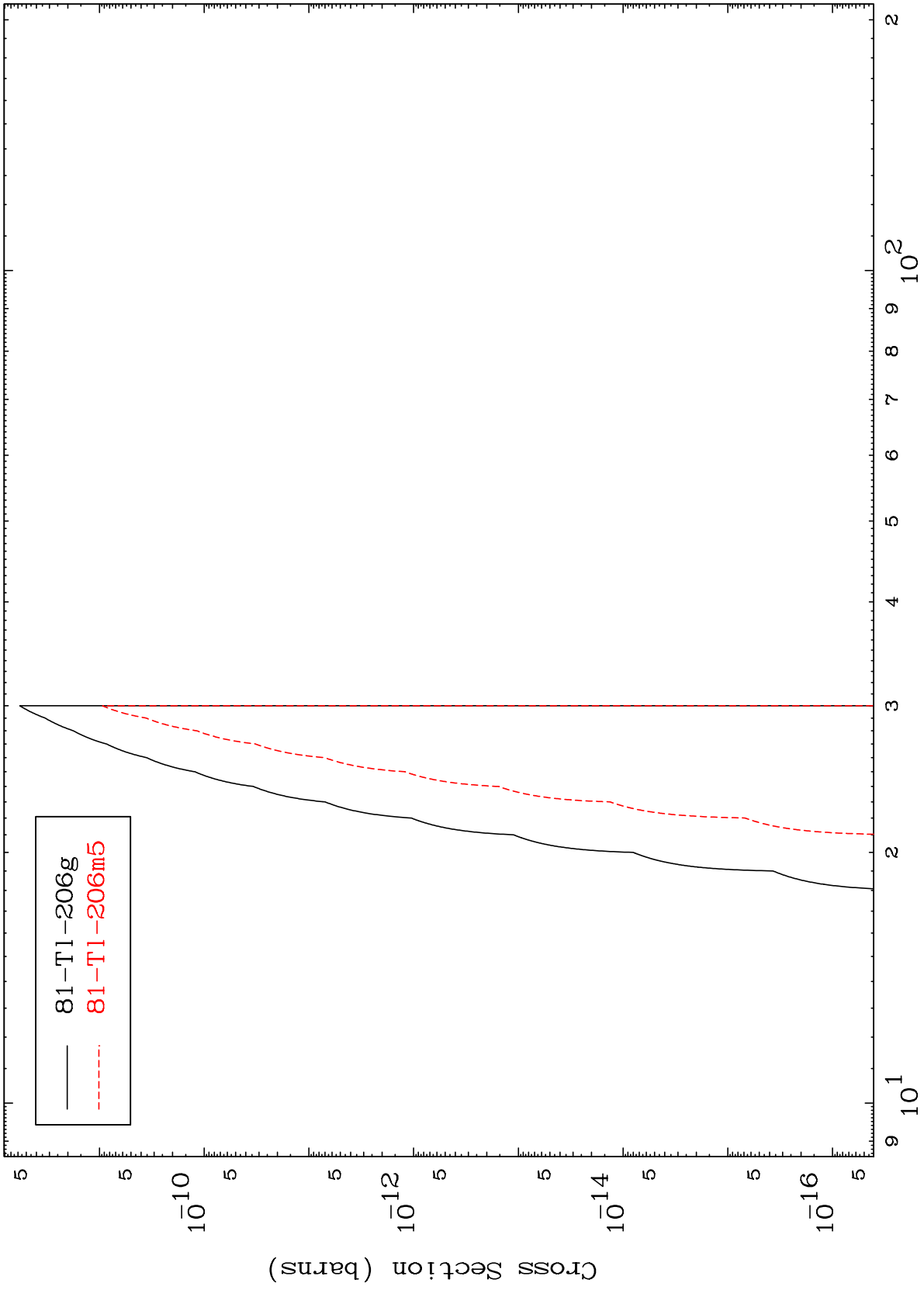
83-Bi-208

MAT 8322

(n,p) d

83-Bi-208

Radionuclide Production Cross Section



81-Tl-206g  
81-Tl-206m5

130

Incident Energy (MeV)

83-Bi-208