

Program EVALPLOT
(Version 2018-1)

by

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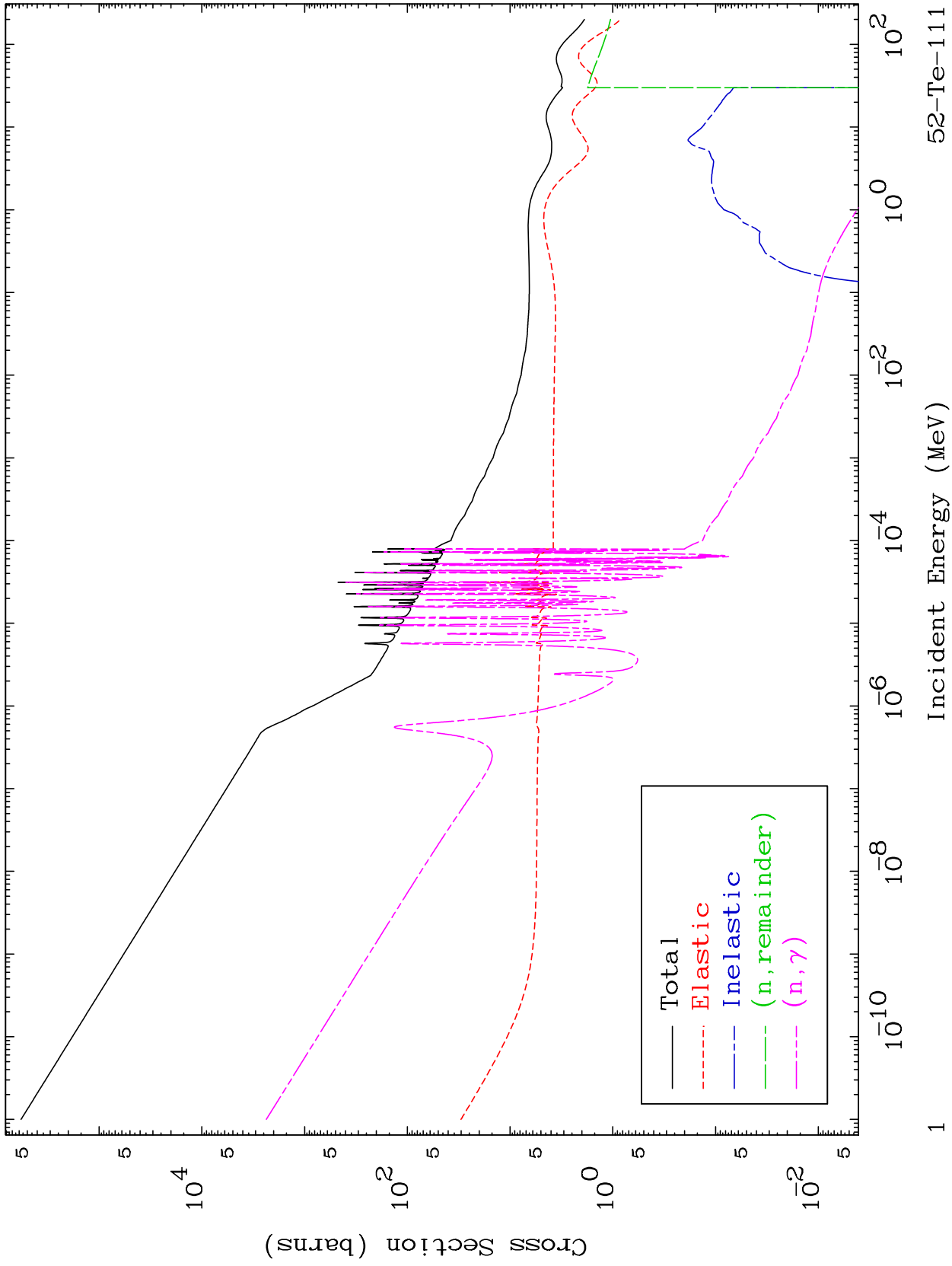
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5198

Major
293 Kelvin Cross Sections

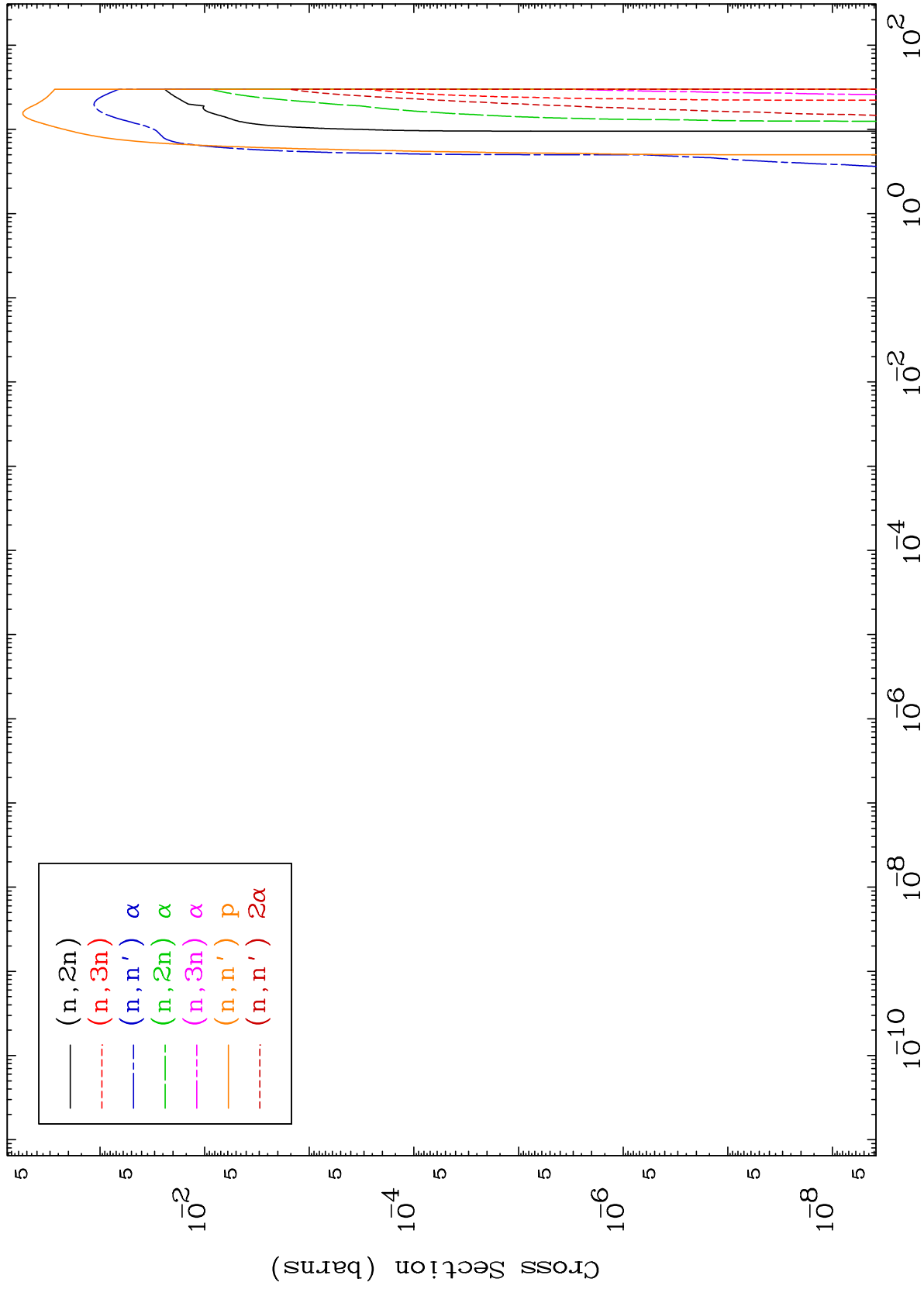
52-Te-111



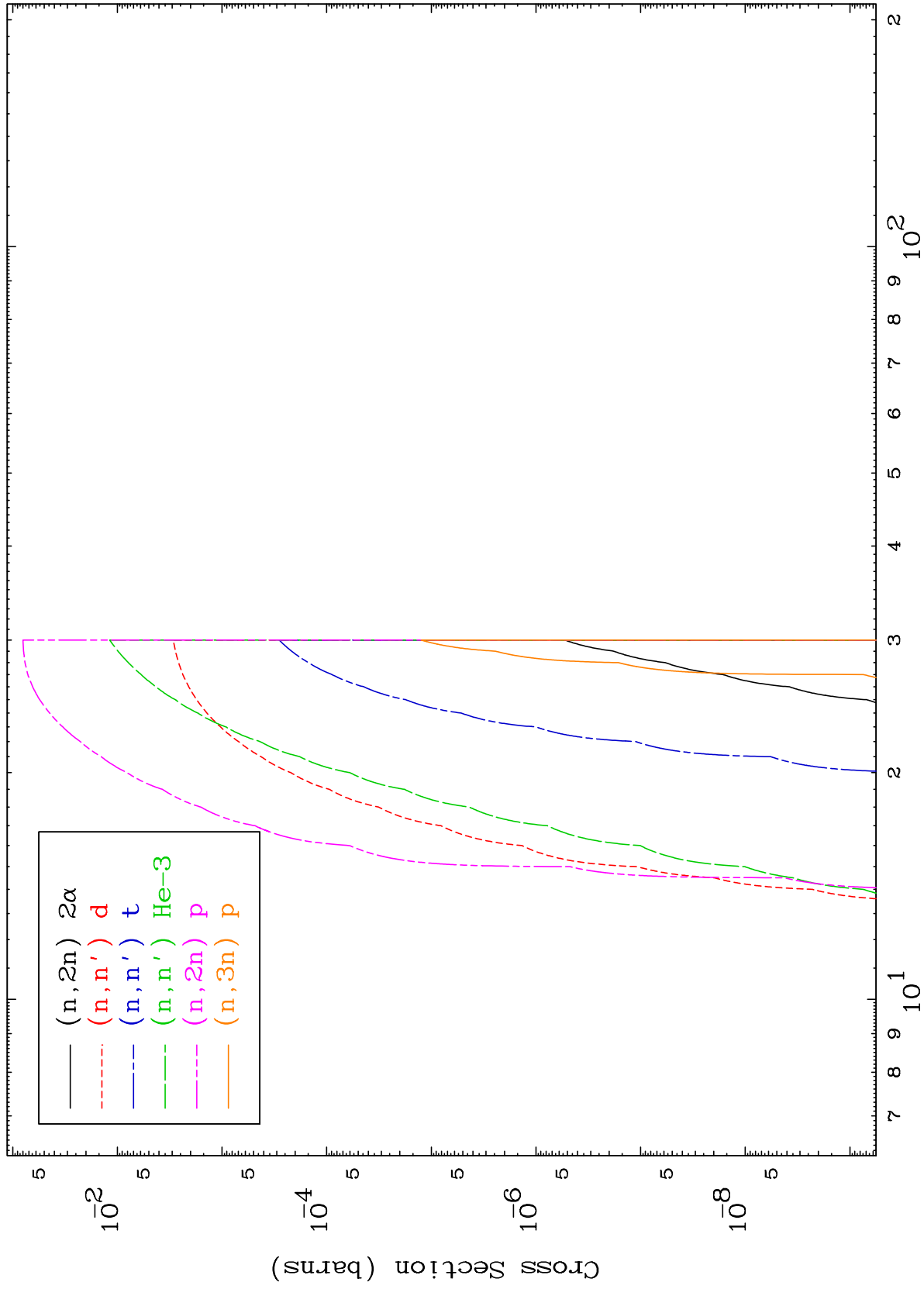
MAT 5198

Neutron Production
293 Kelvin Cross Sections

52-Te-111



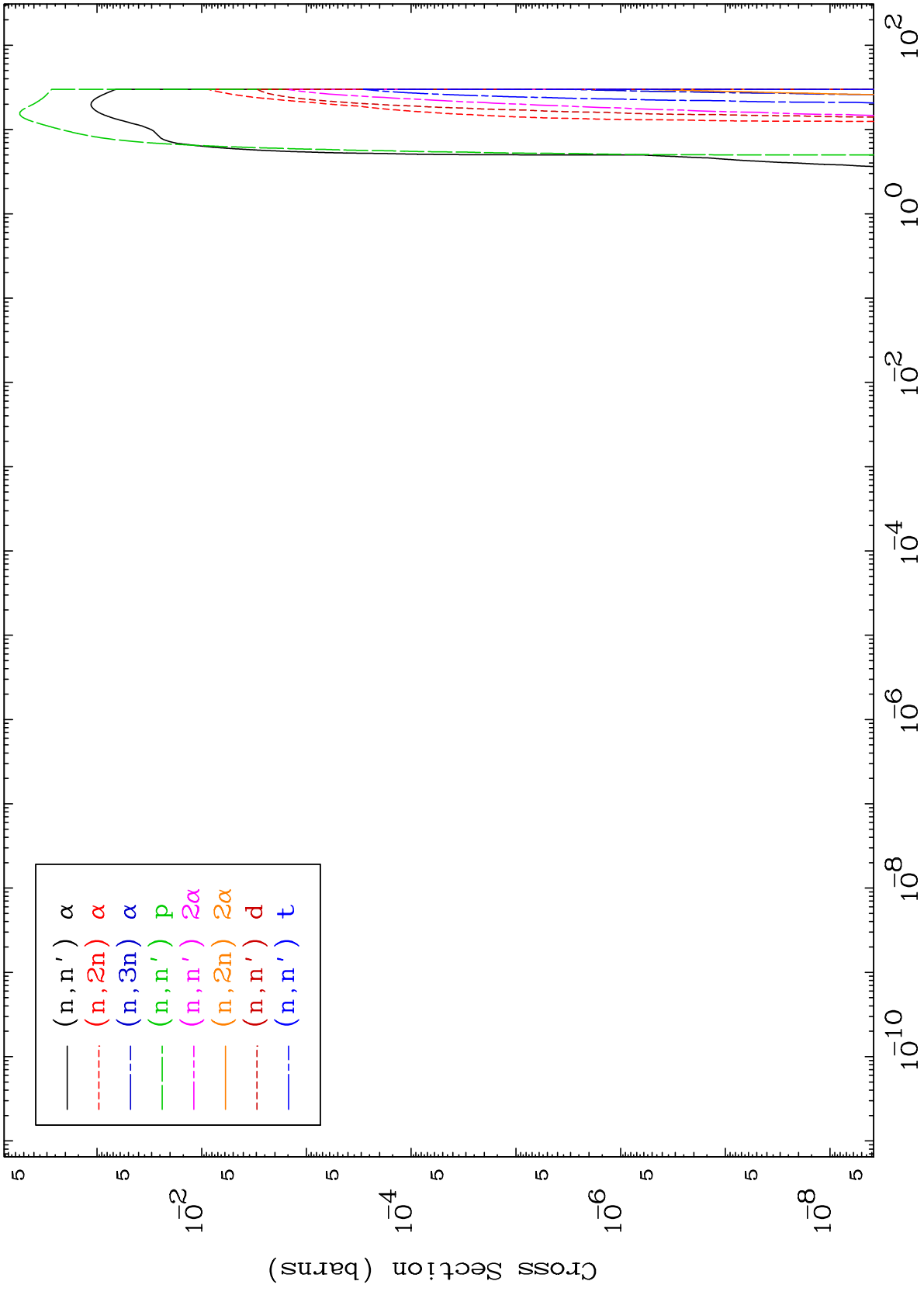
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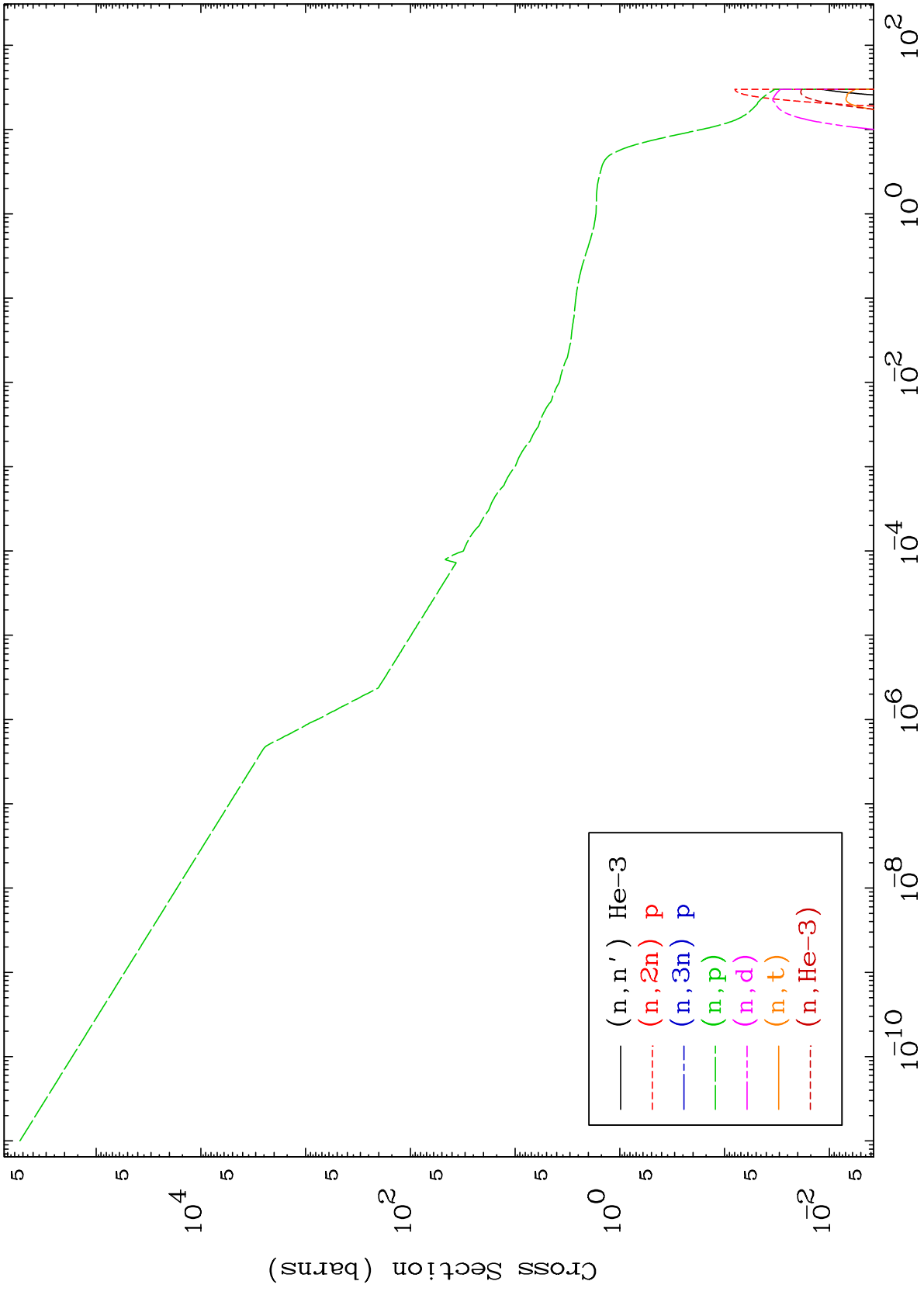
MAT 5198

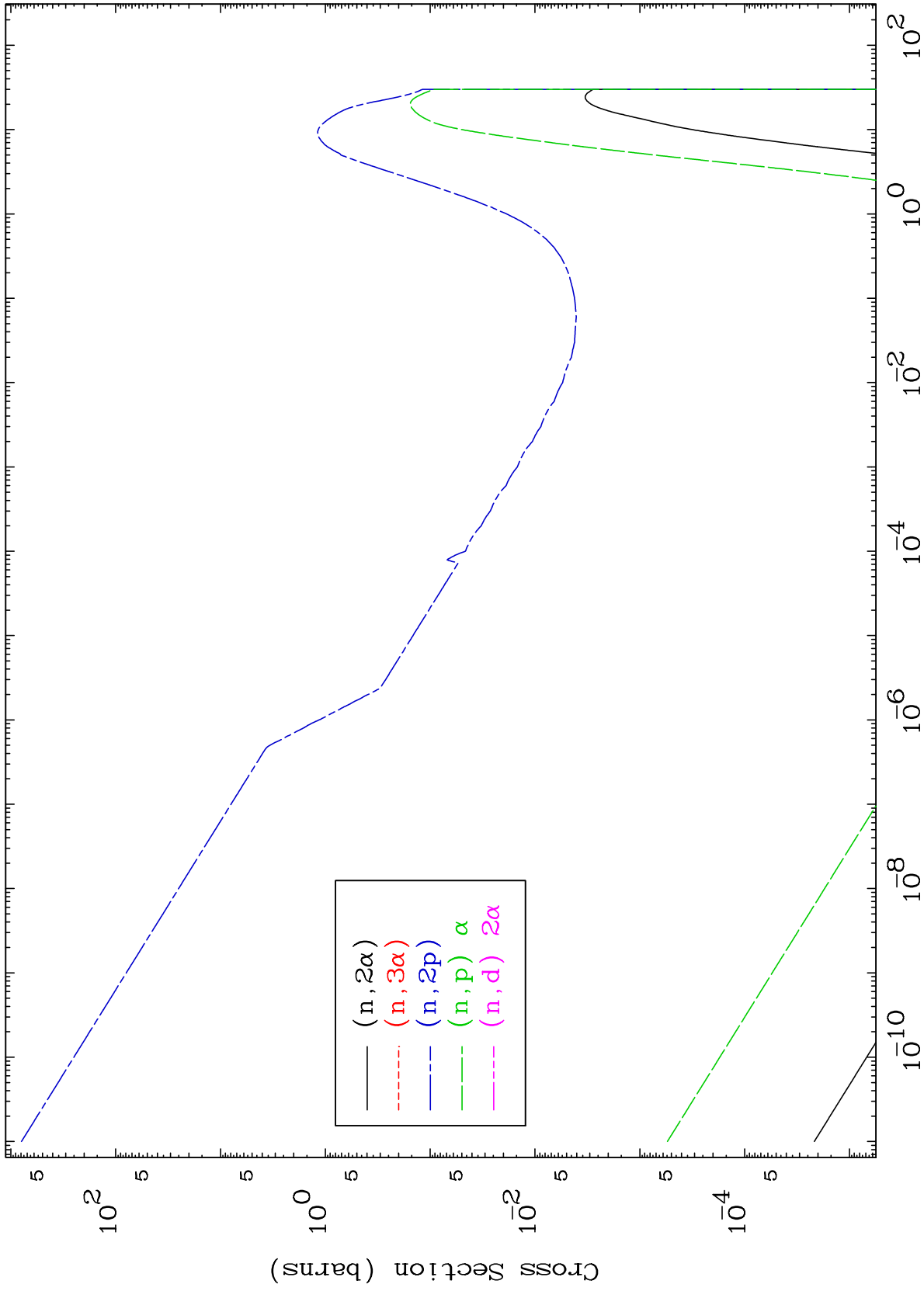
293 Charged Particle
Kelvin Cross Sections

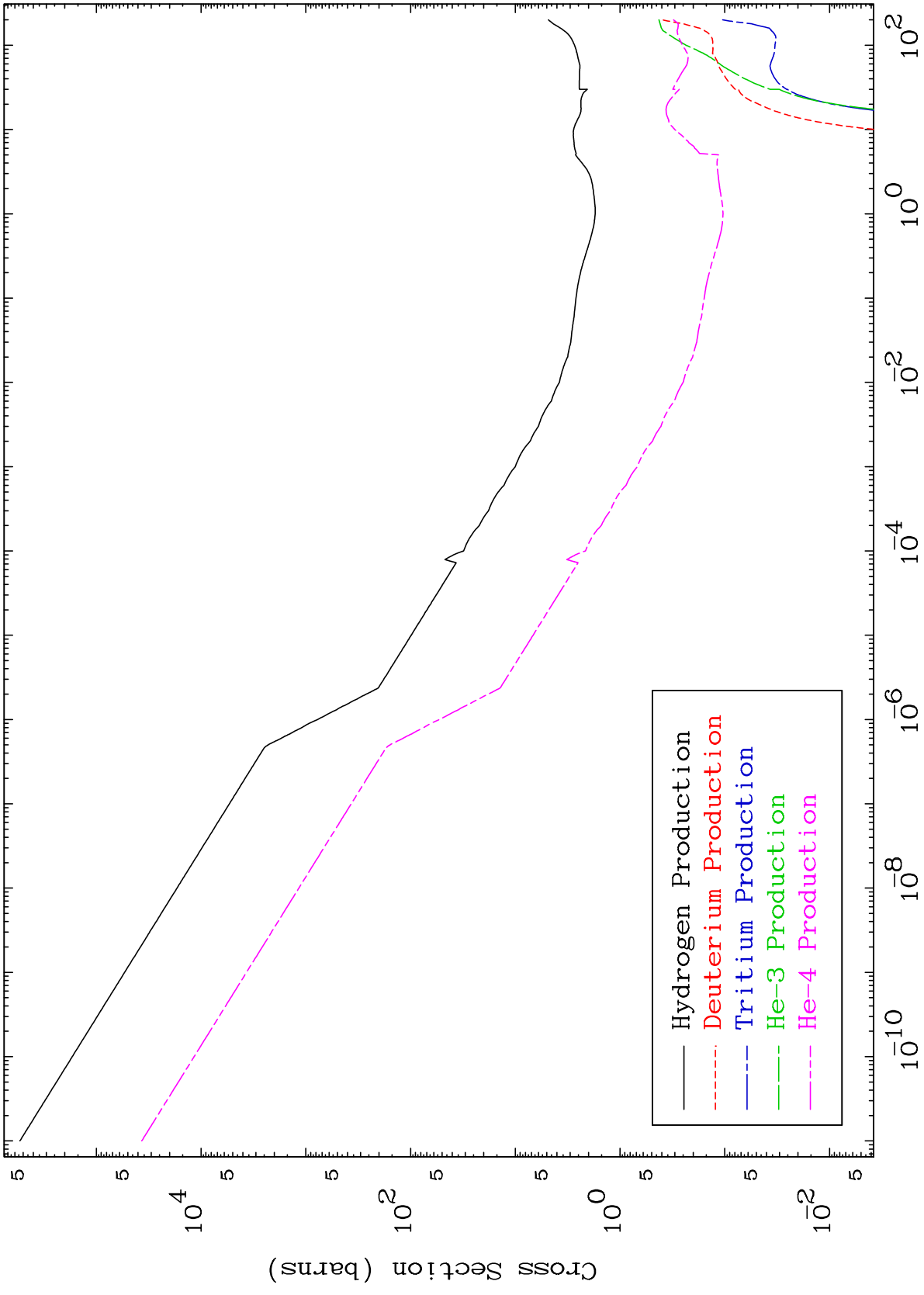
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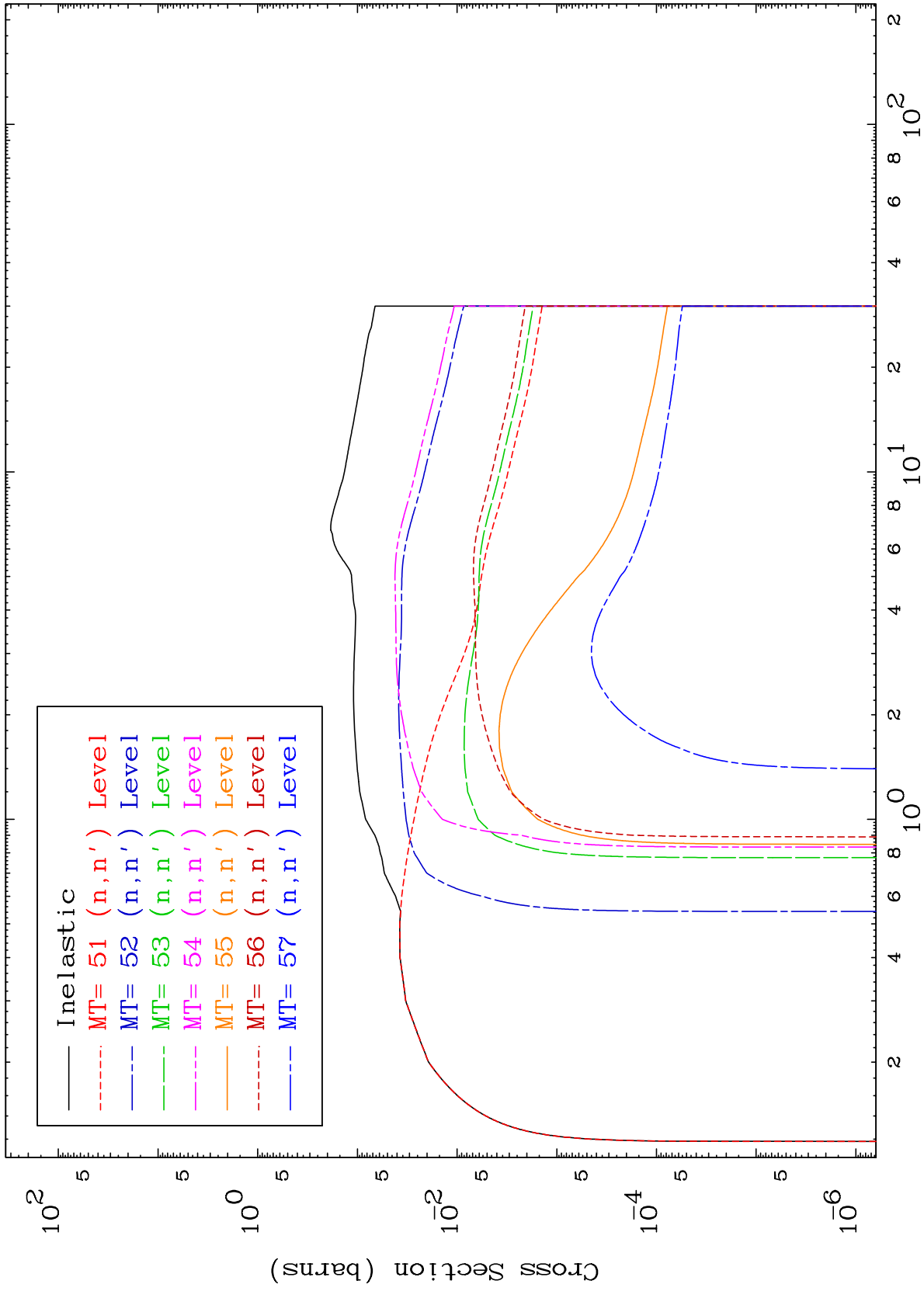


52-Te-111





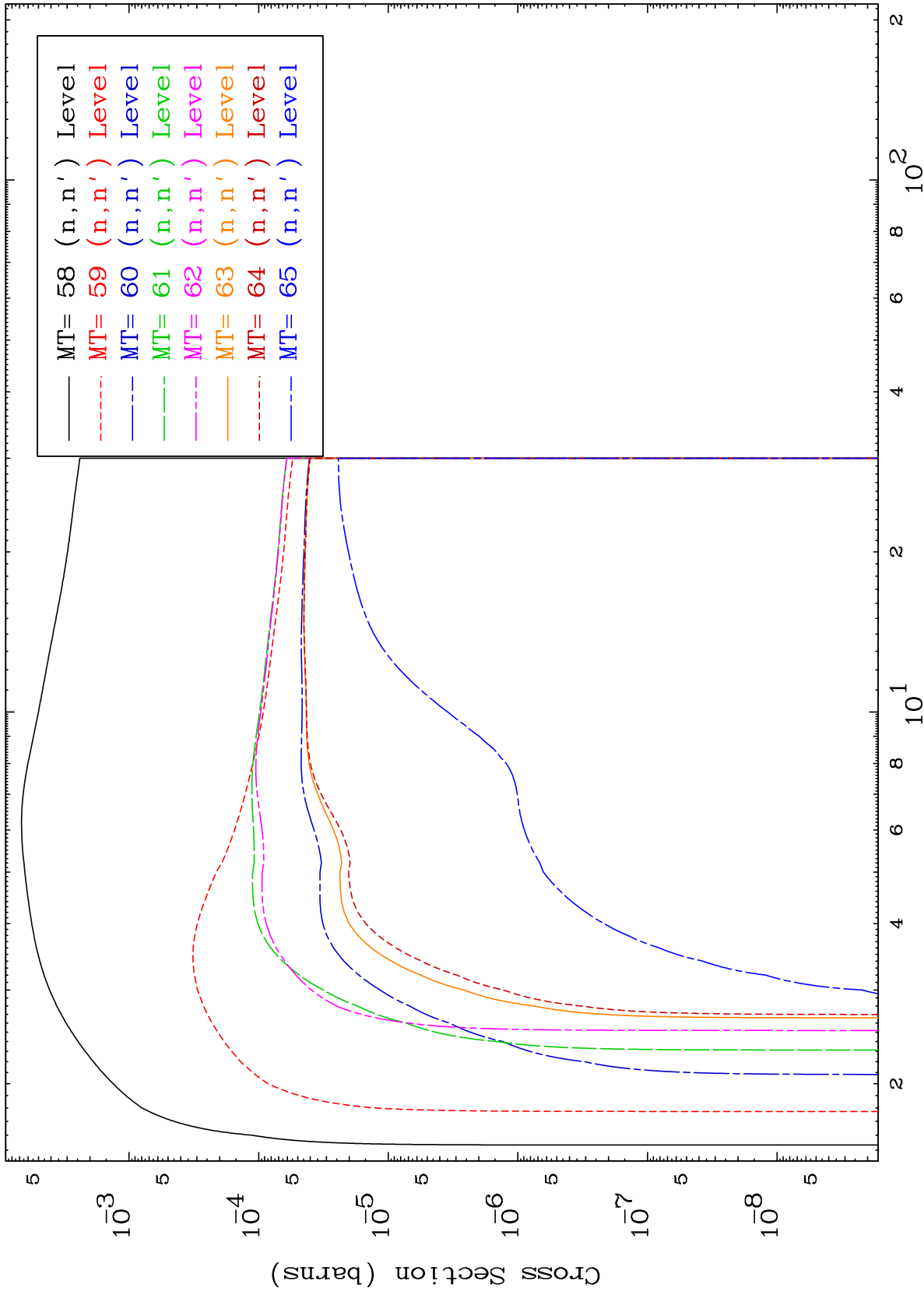




MAT 5198

(n,n') Level
293 Kelvin Cross Sections

52-Te-111



9

Incident Energy (MeV)

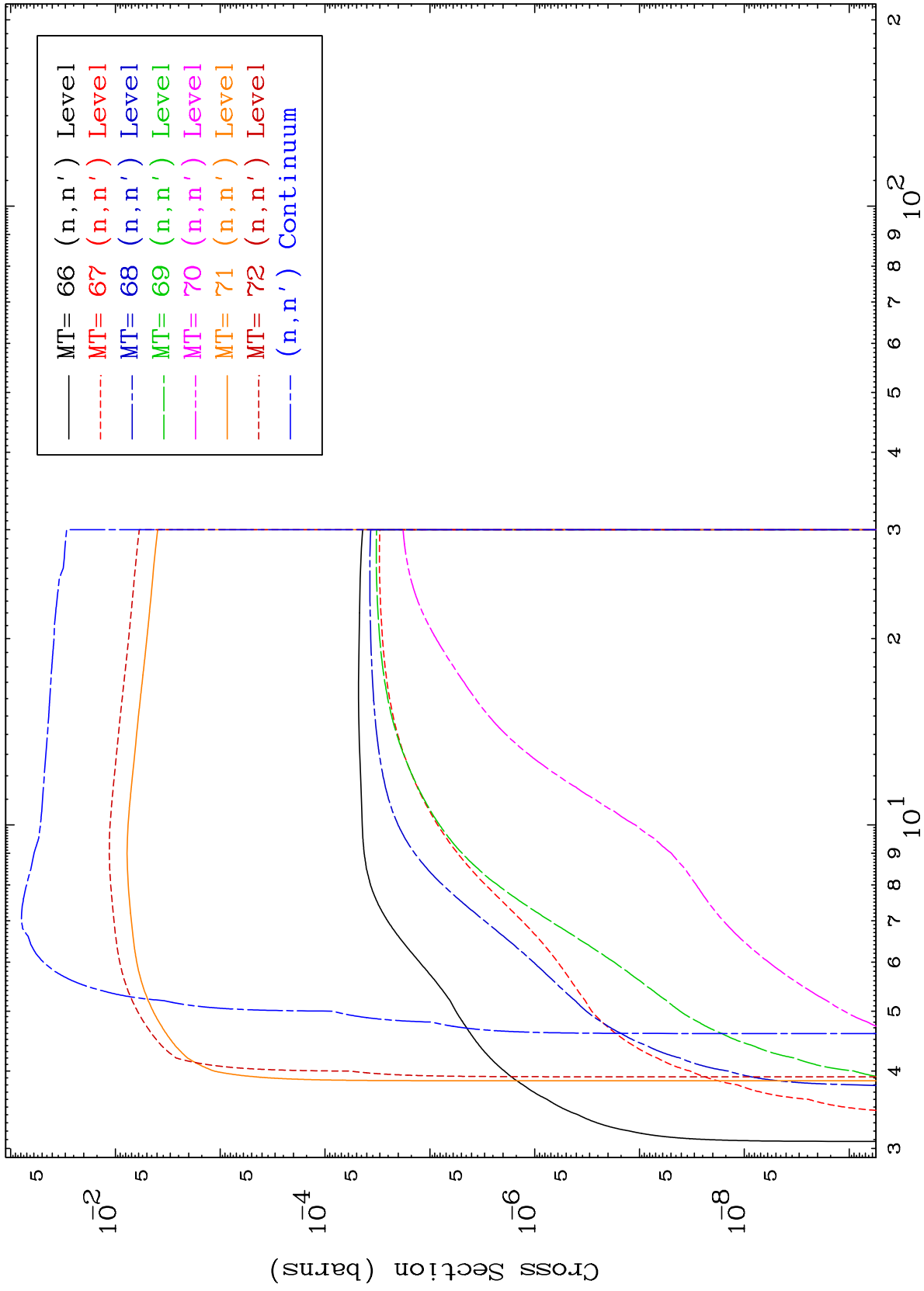
52-Te-111

MAT 5198

(n,n') Level

52-Te-111

293 Kelvin Cross Sections



10

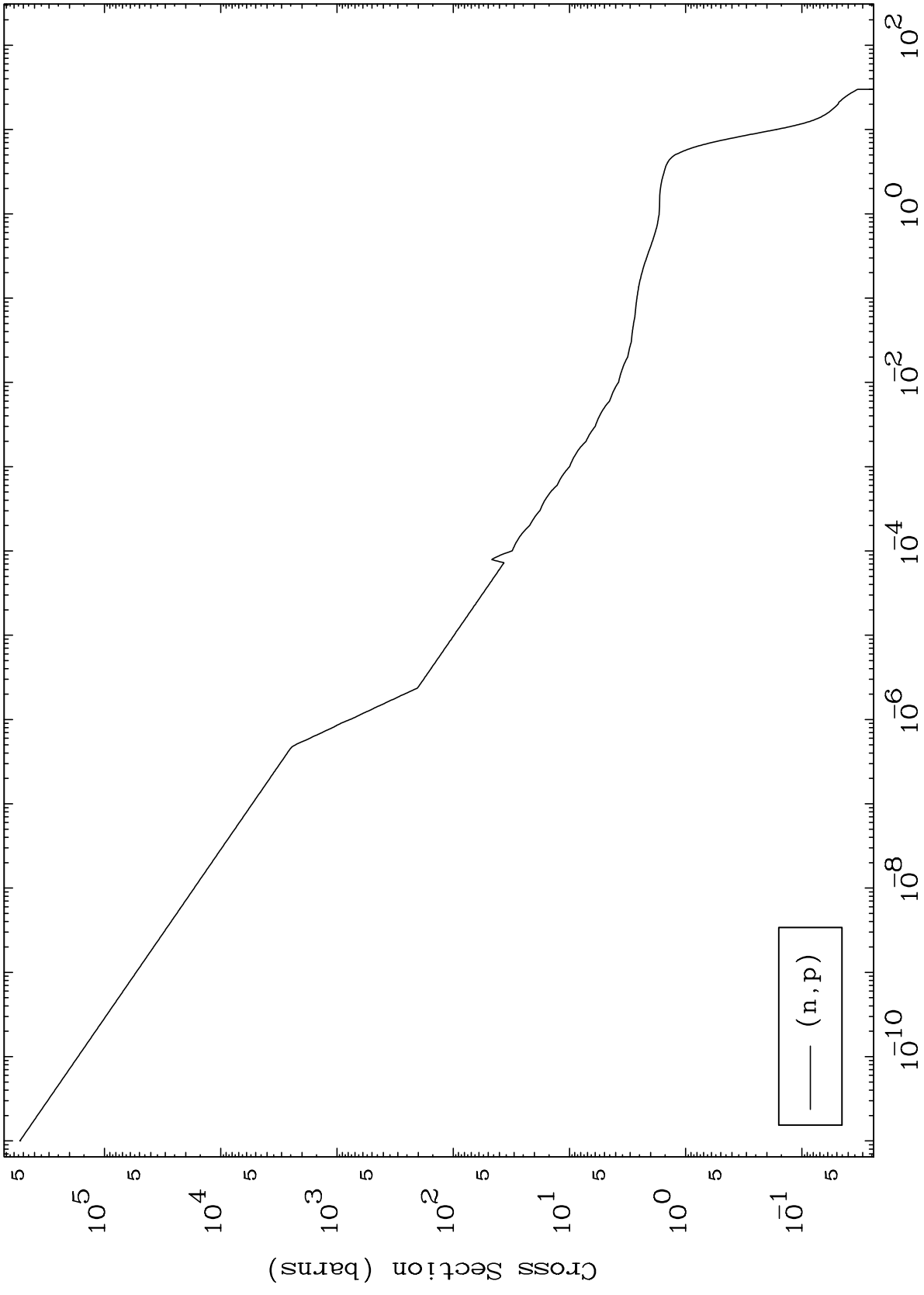
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,p) Levels
293 Kelvin Cross Sections

52-Te-111

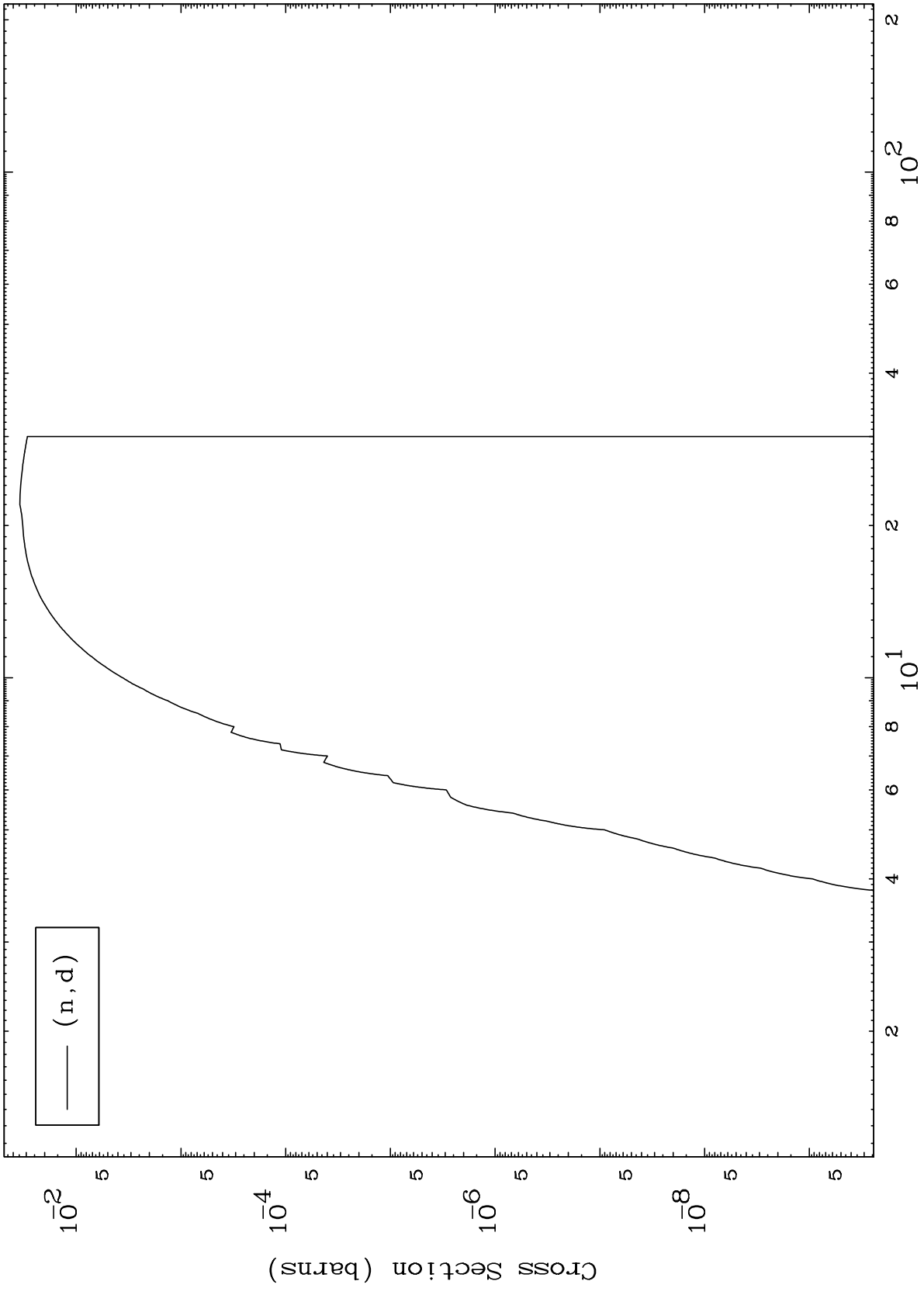


— (n, p)

MAT 5198

(n,d) Levels
293 Kelvin Cross Sections

52-Te-111



12

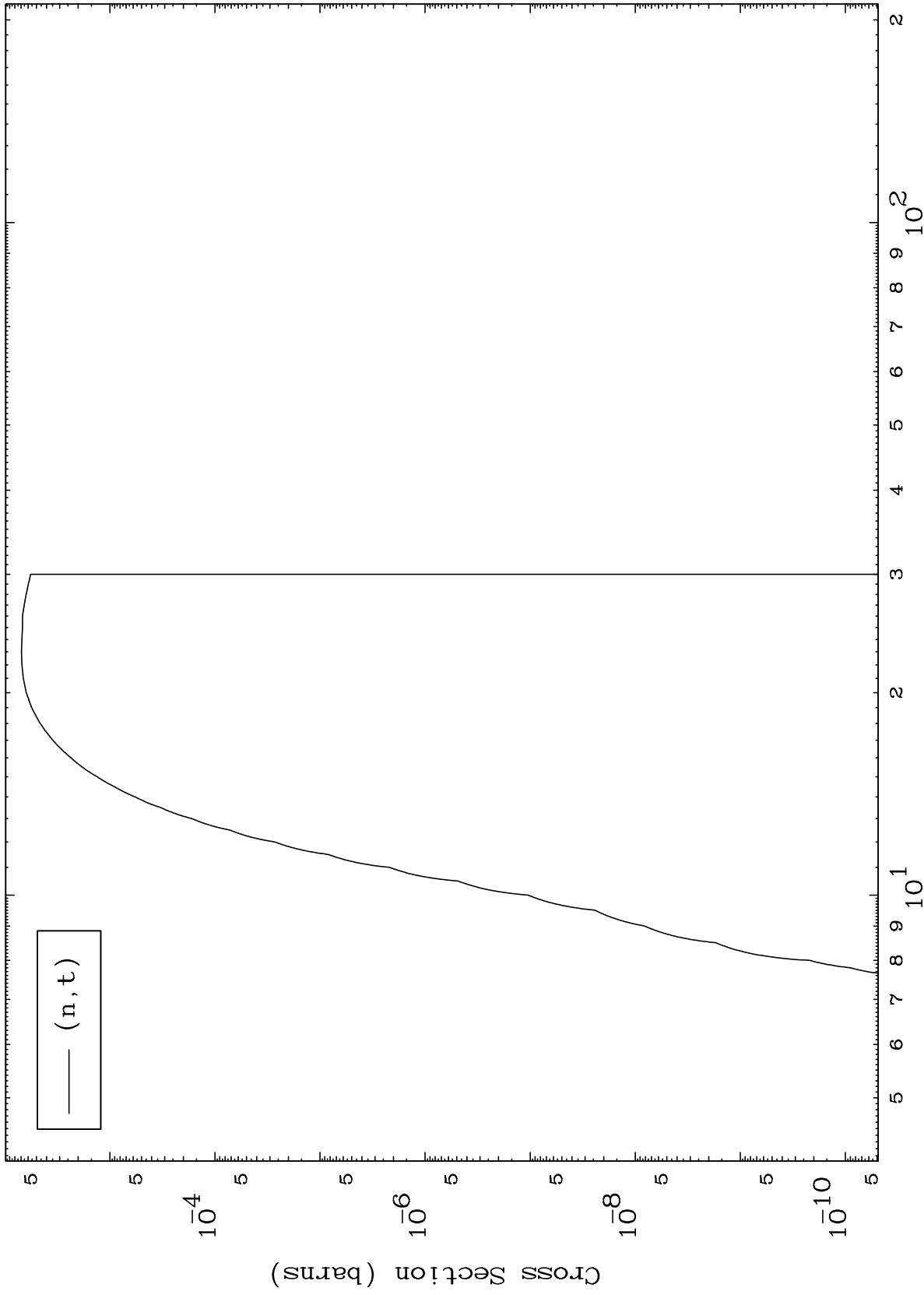
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,t) Levels
293 Kelvin Cross Sections

52-Te-111



13

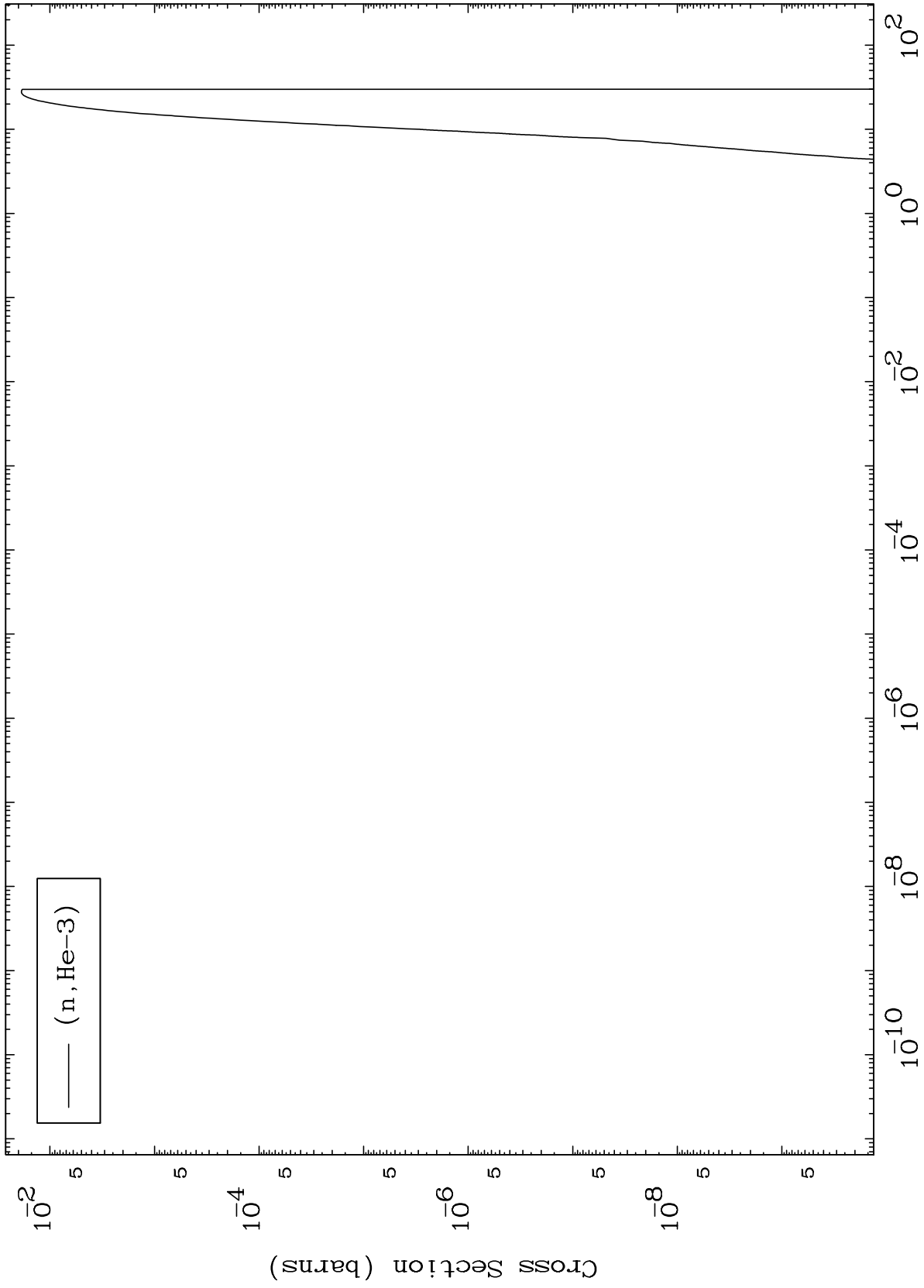
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,He3) Levels
293 Kelvin Cross Sections

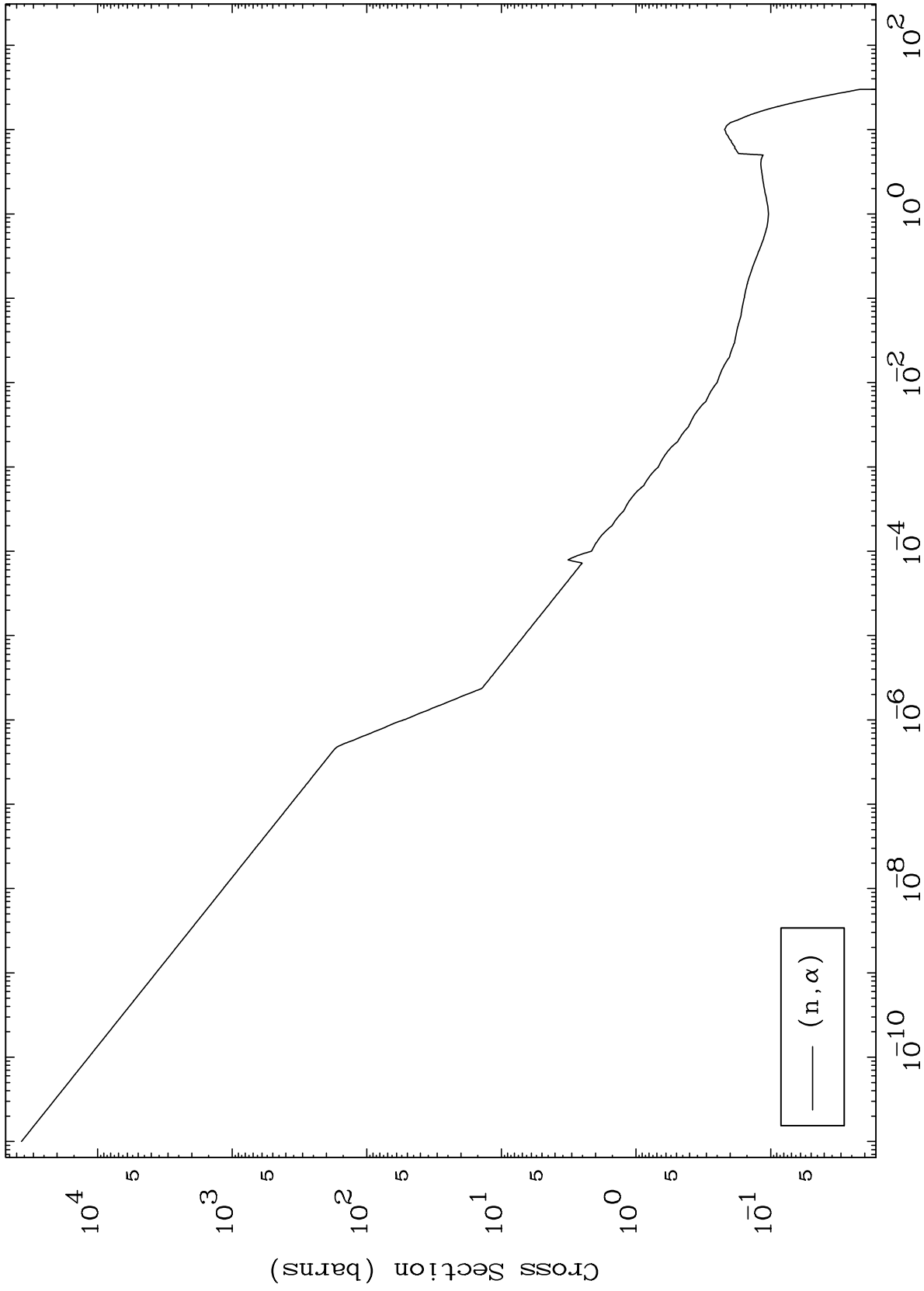
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MAT 5198

(n,α) Levels
293 Kelvin Cross Sections

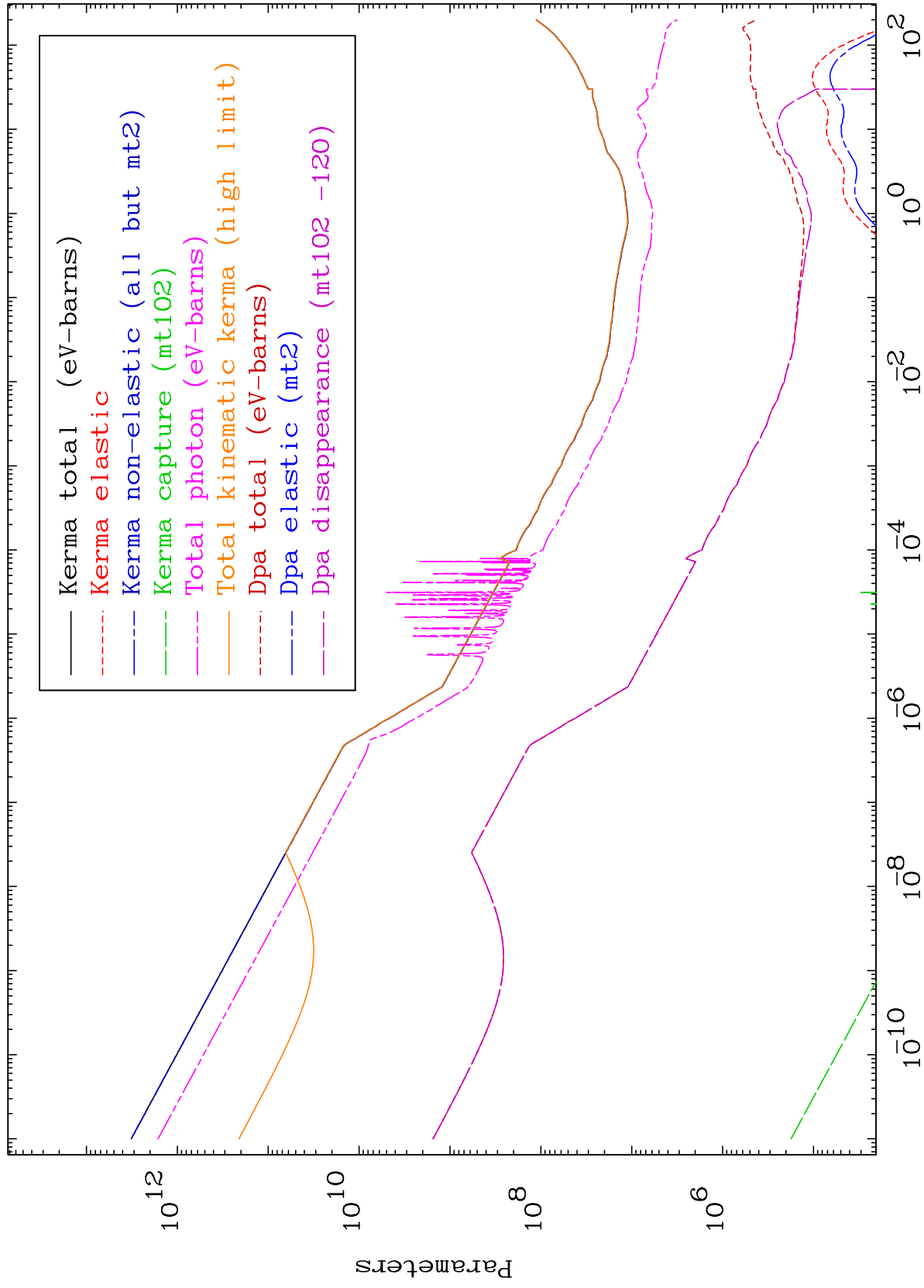
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15

Incident Energy (MeV)

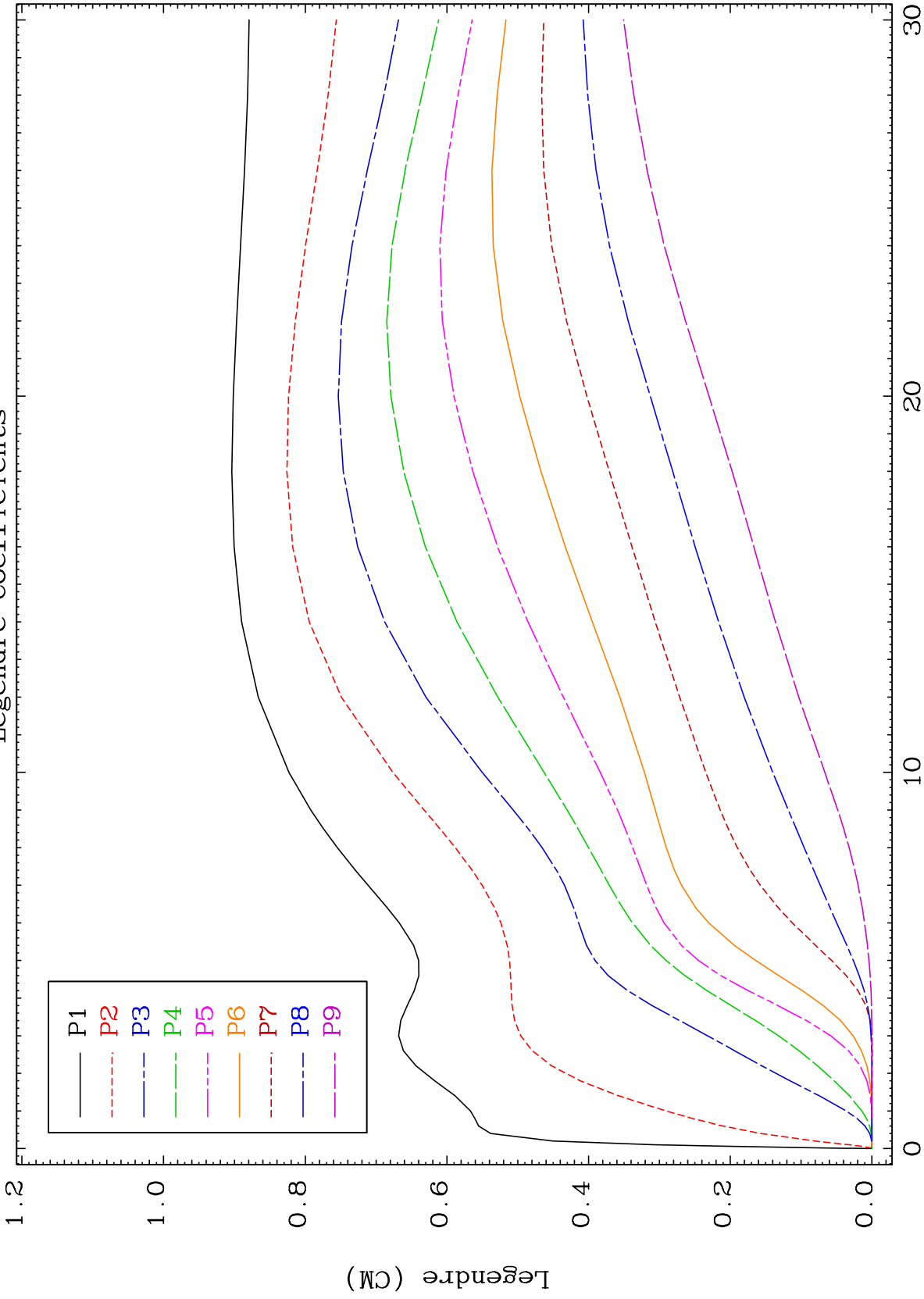
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MAT 5198

Elastic Legendre Coefficients

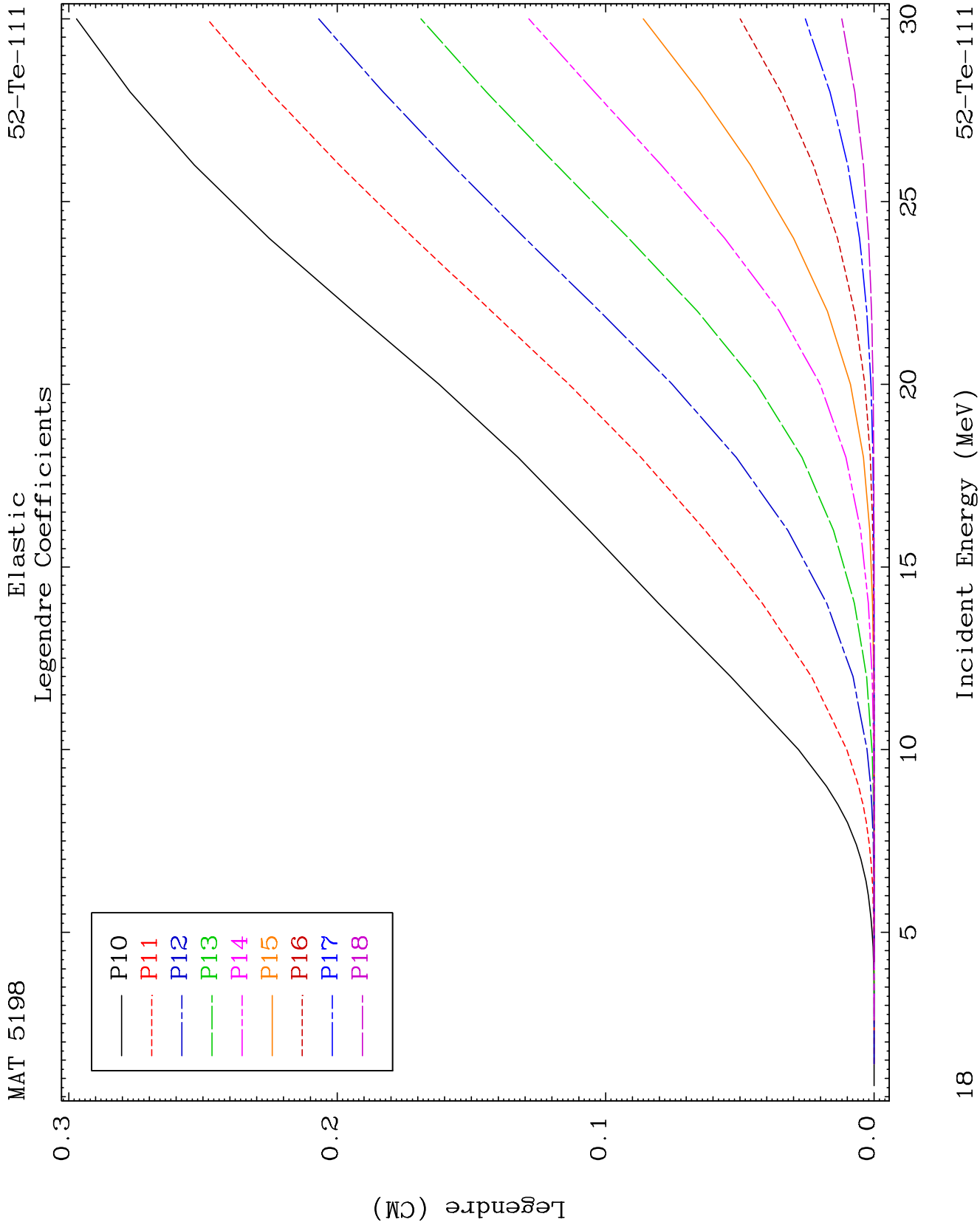
⁵²Te-111



17

Incident Energy (MeV)

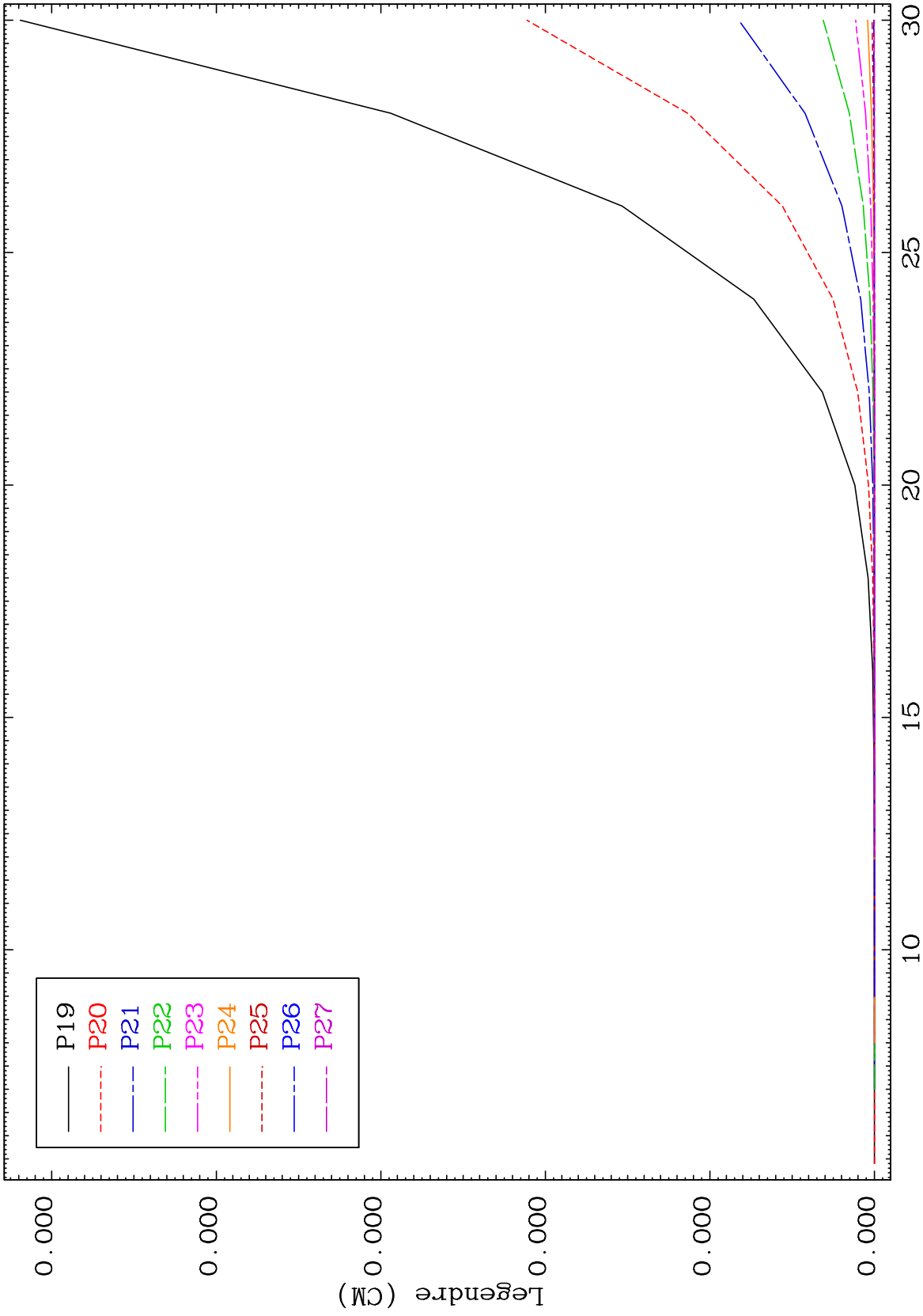
⁵²Te-111



MAT 5198

Elastic Legendre Coefficients

52-Te-111



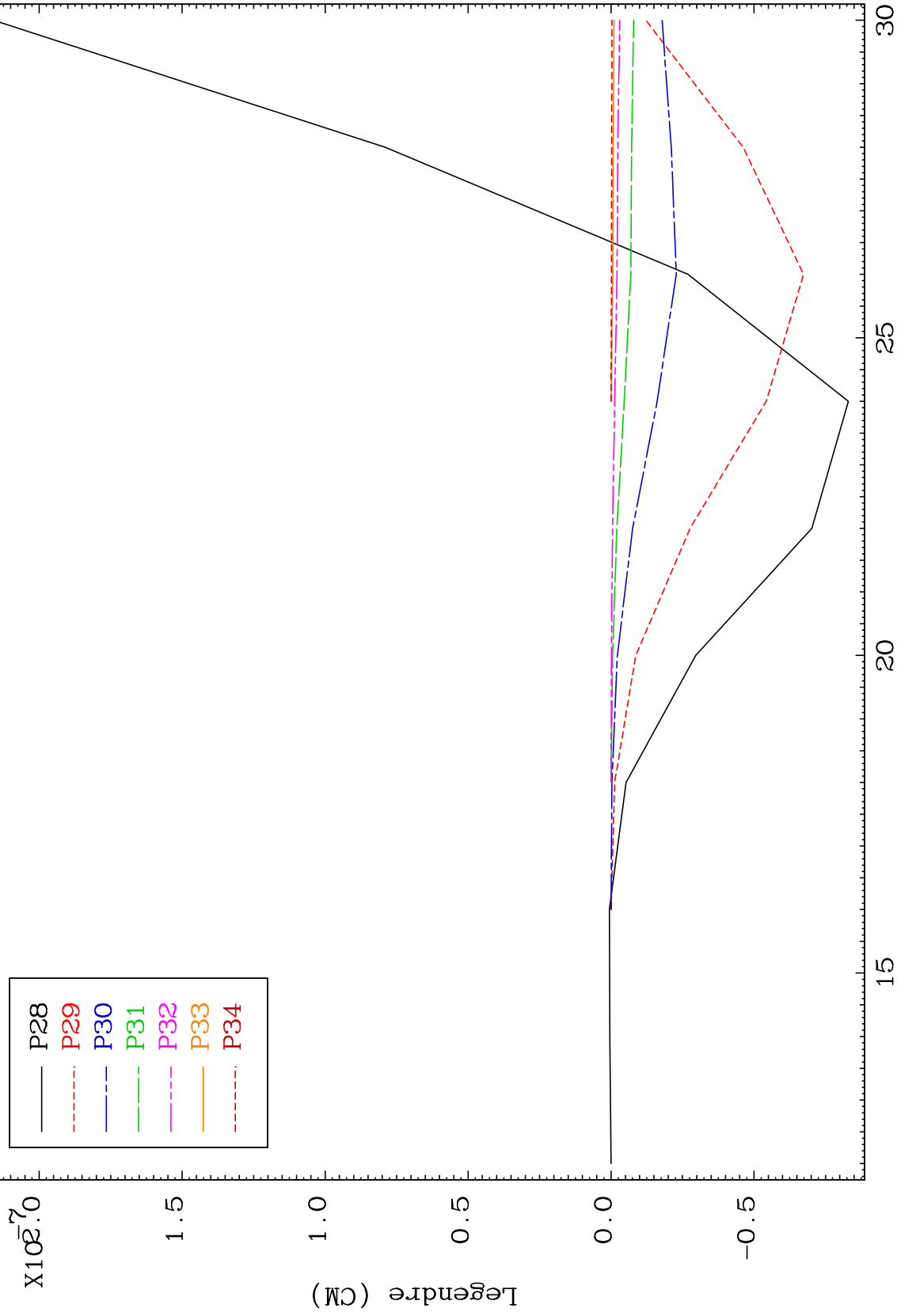
19

52-Te-111

MAT 5198

Elastic Legendre Coefficients

⁵²Te-111



20

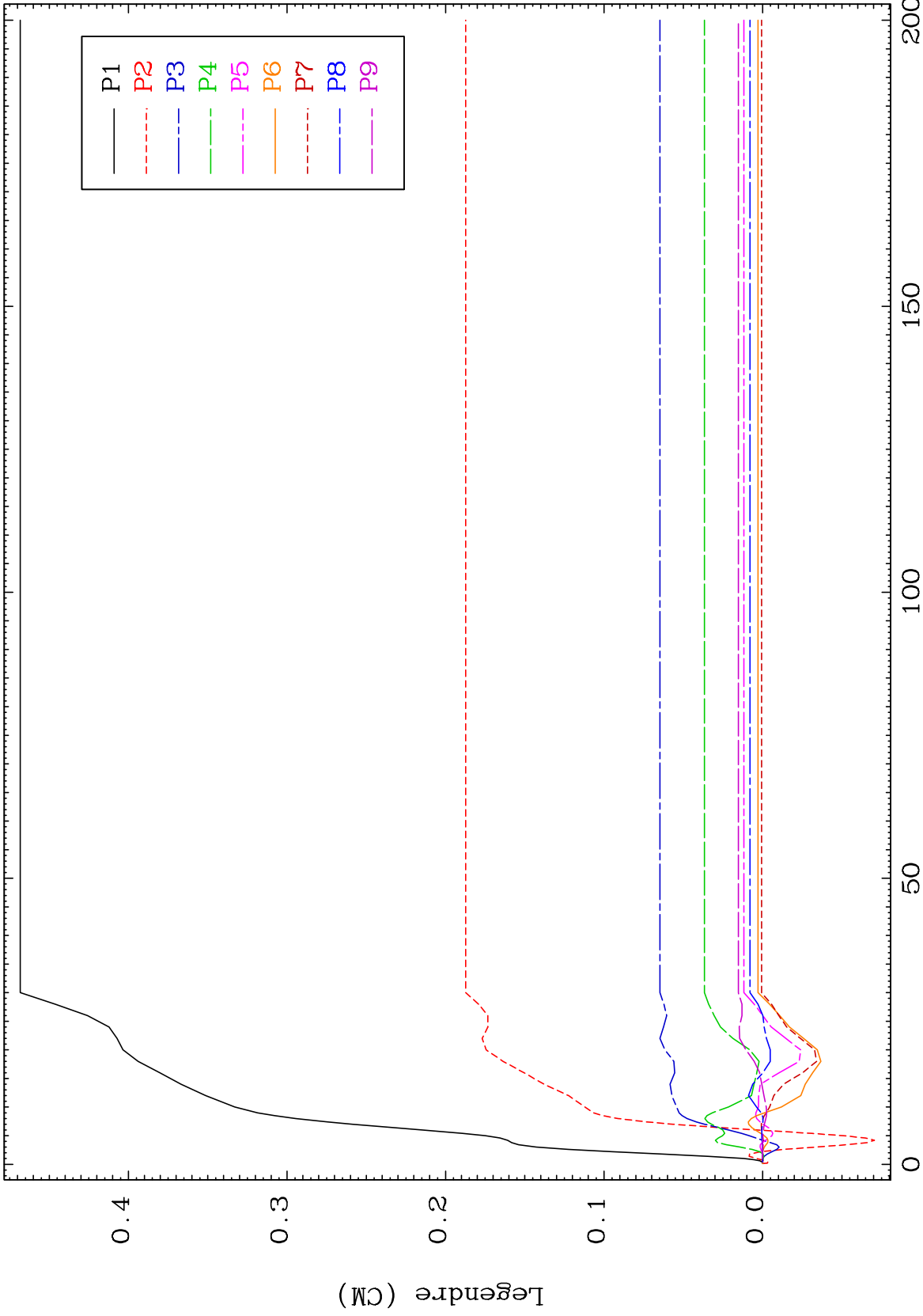
Incident Energy (MeV)

⁵²Te-111

MAT 5198

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

52-Te-111



21

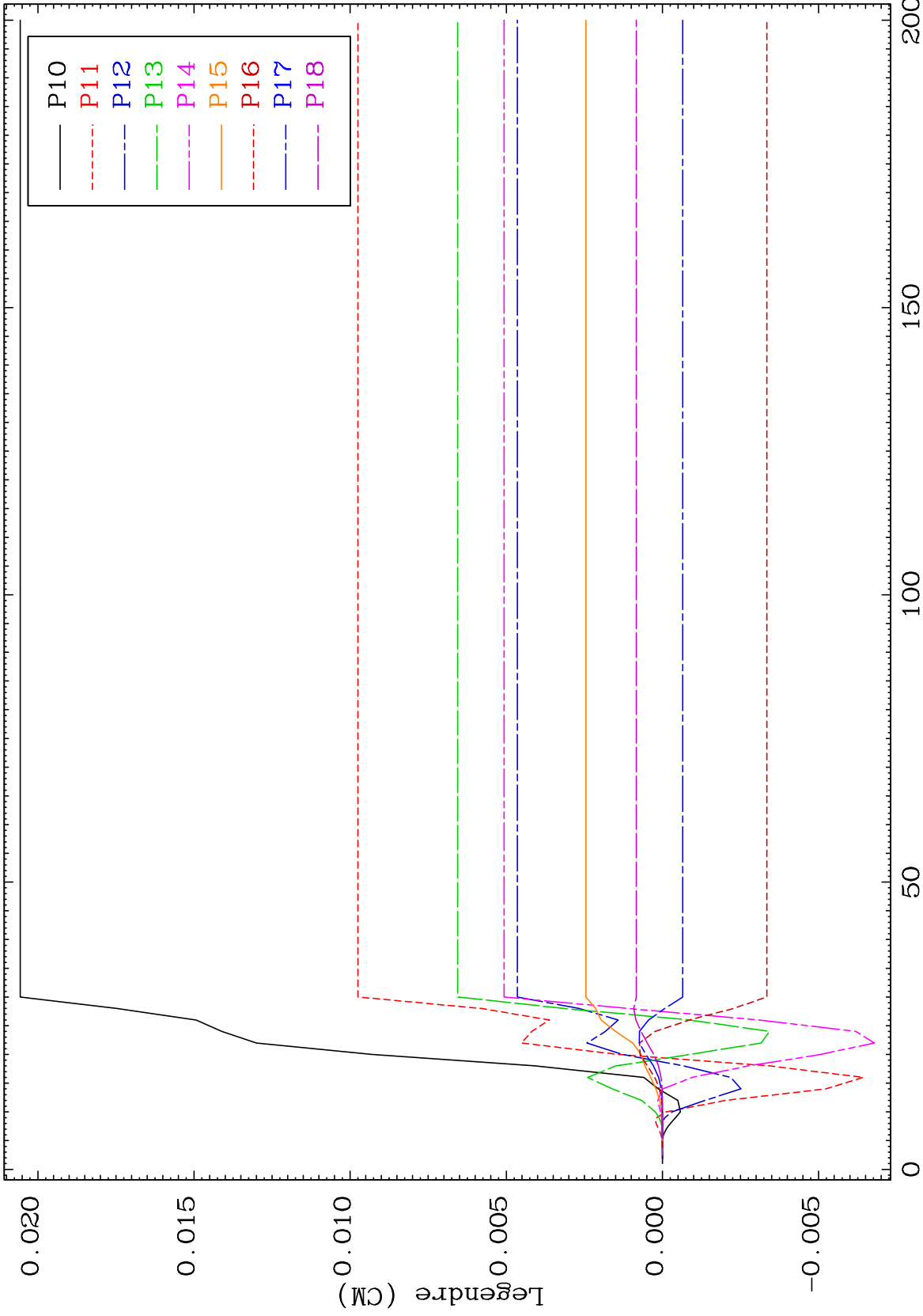
Incident Energy (MeV)

52-Te-111

MAT 5198

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

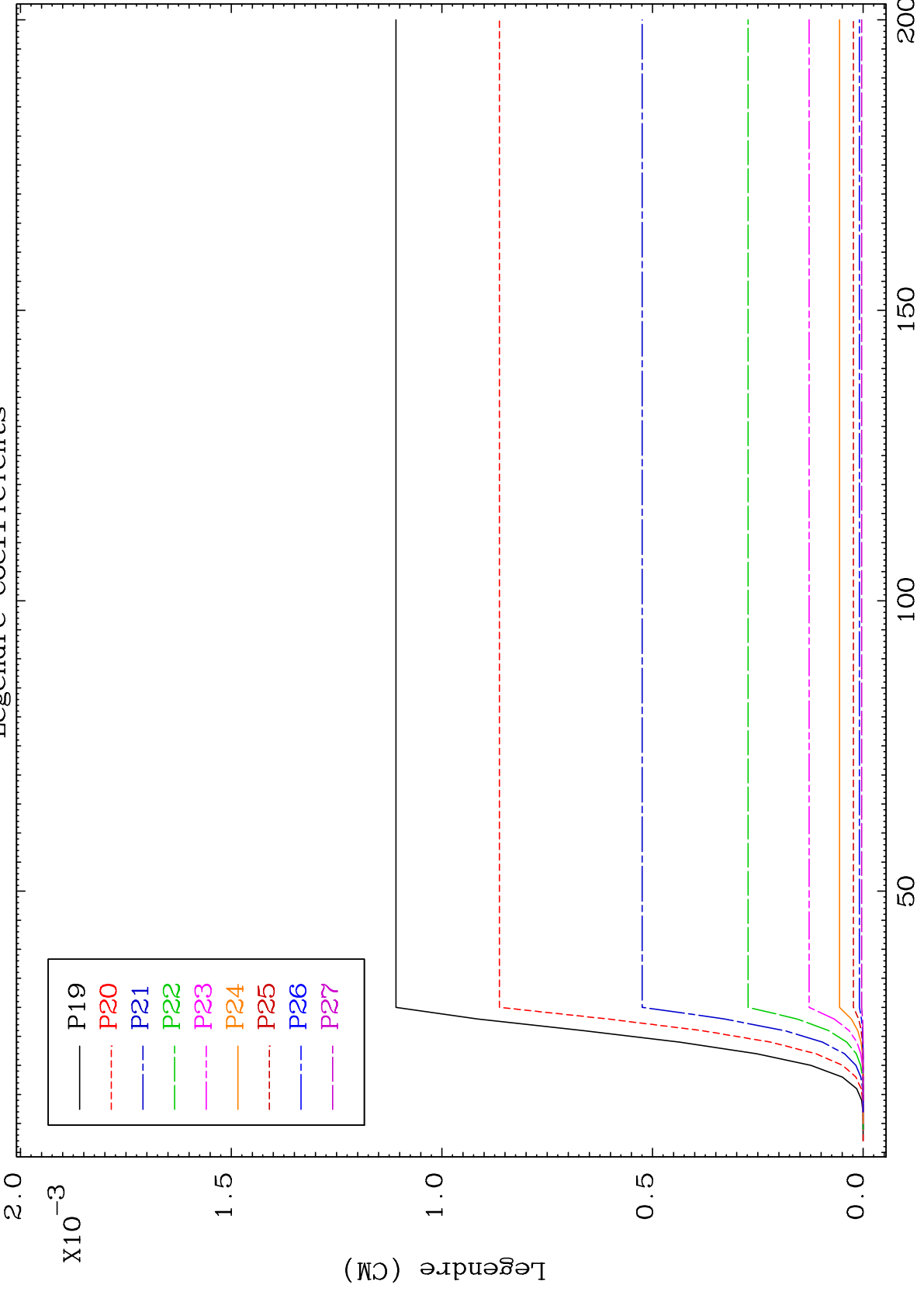
52-Te-111



22

Incident Energy (MeV)

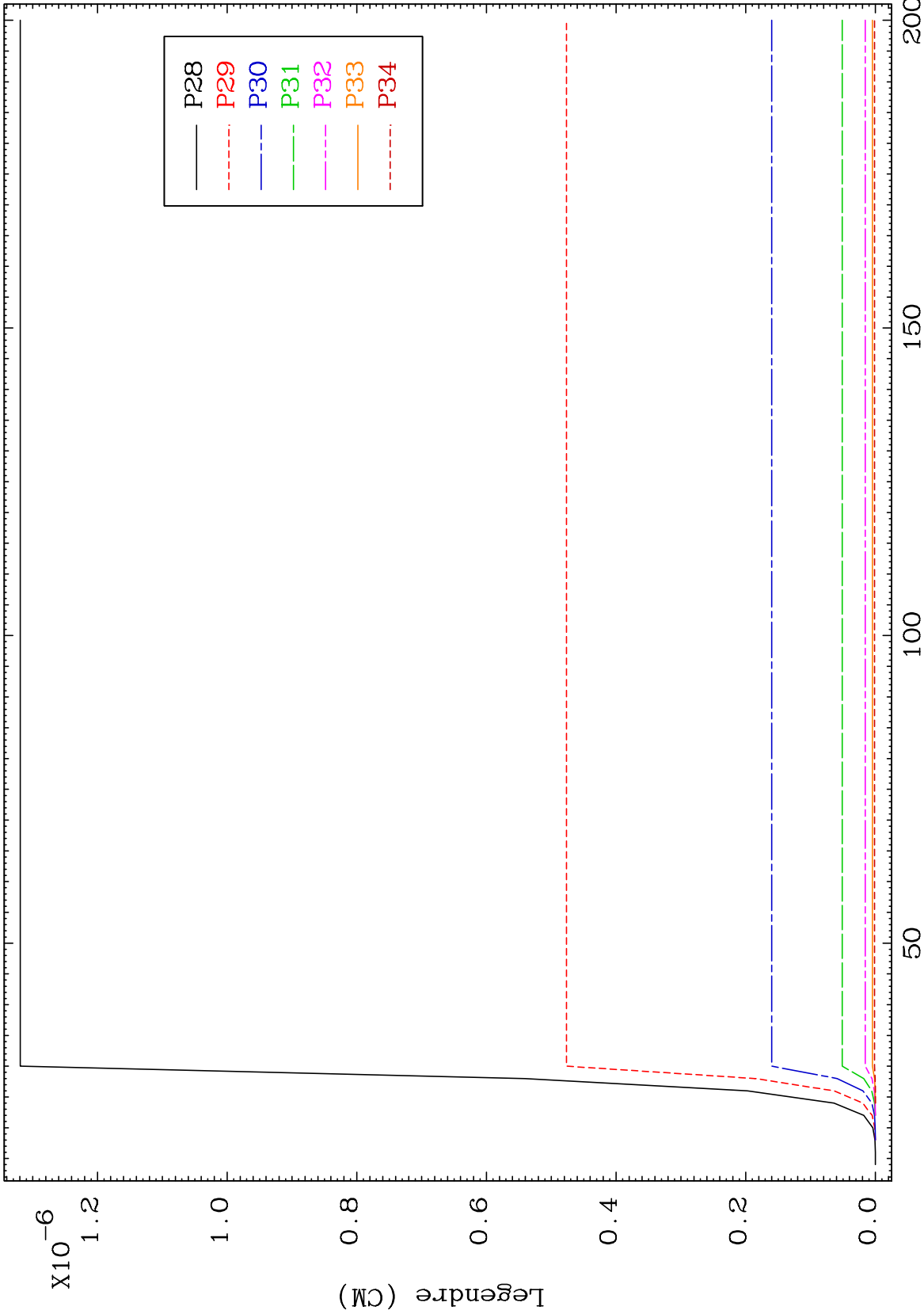
52-Te-111



MAT 5198

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

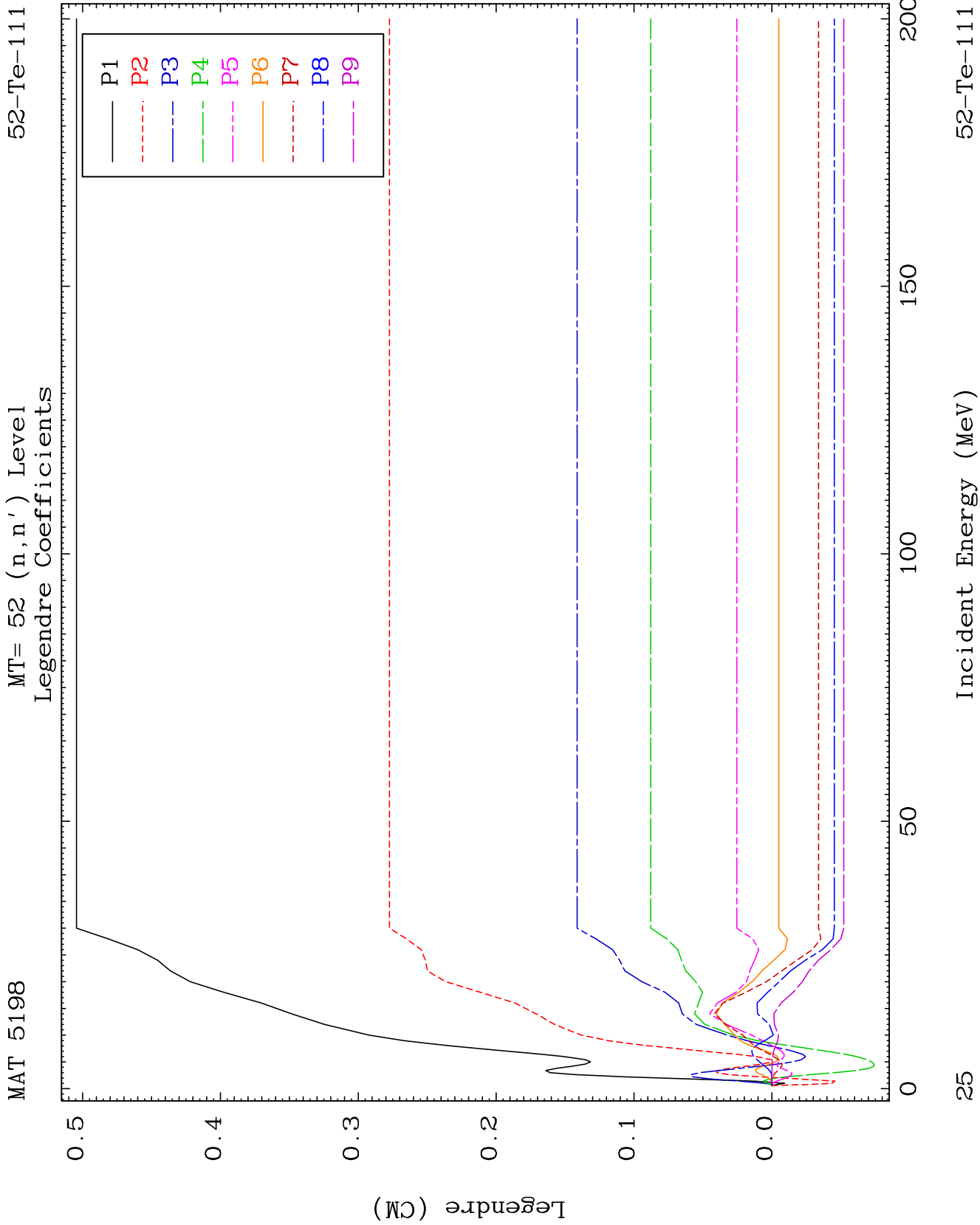
52-Te-111

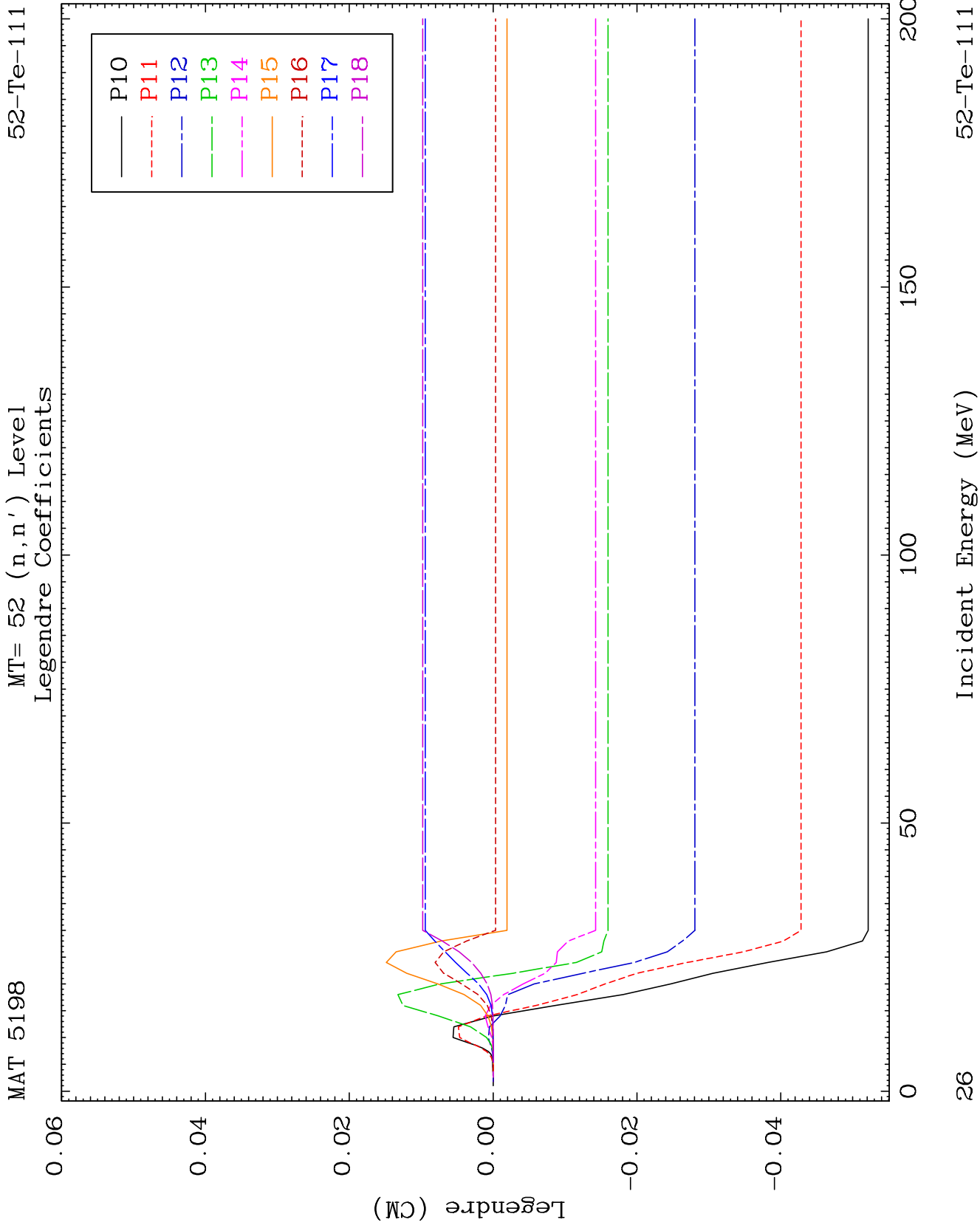


24

Incident Energy (MeV)

52-Te-111

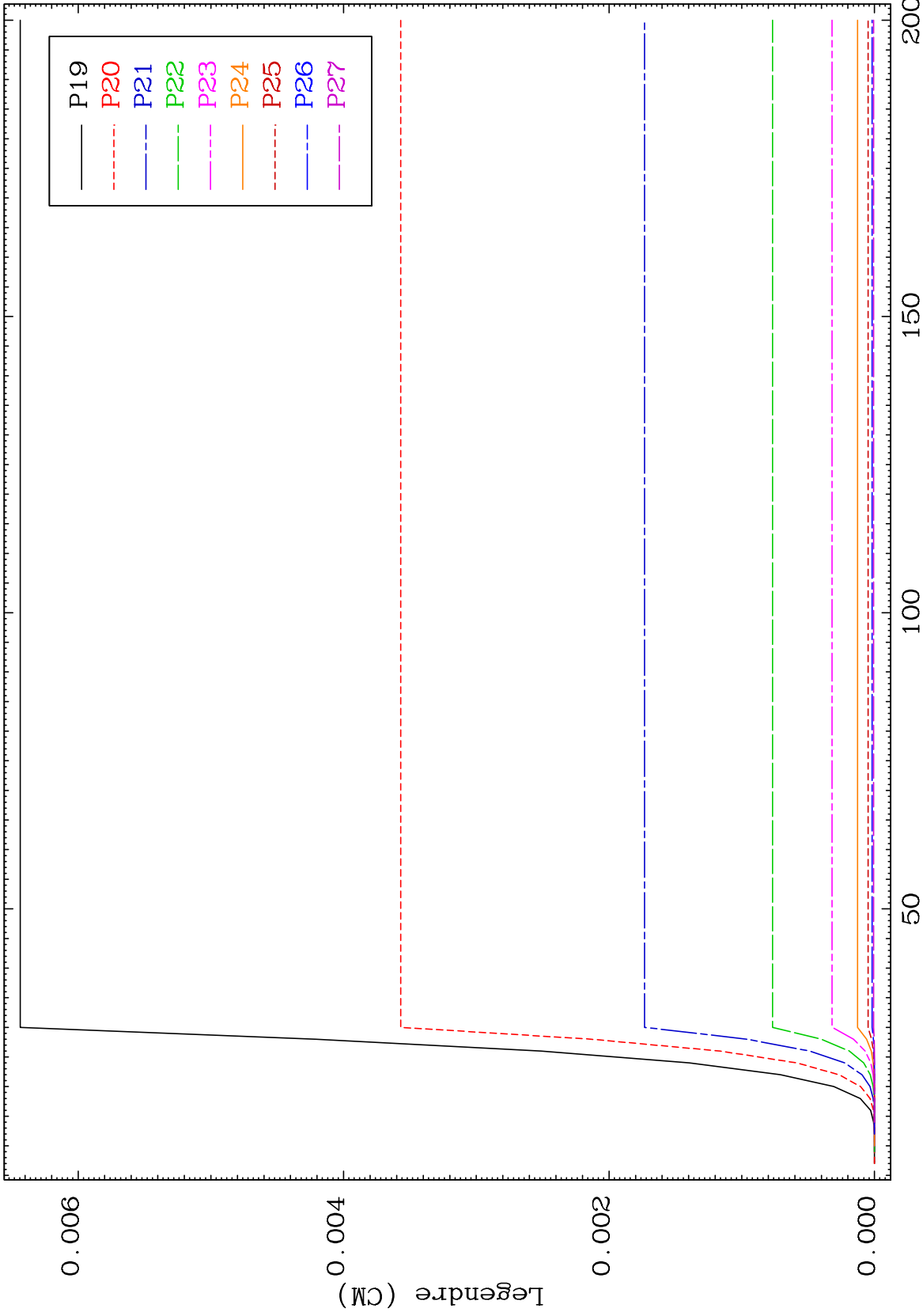




MAT 5198

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

52-Te-111



27

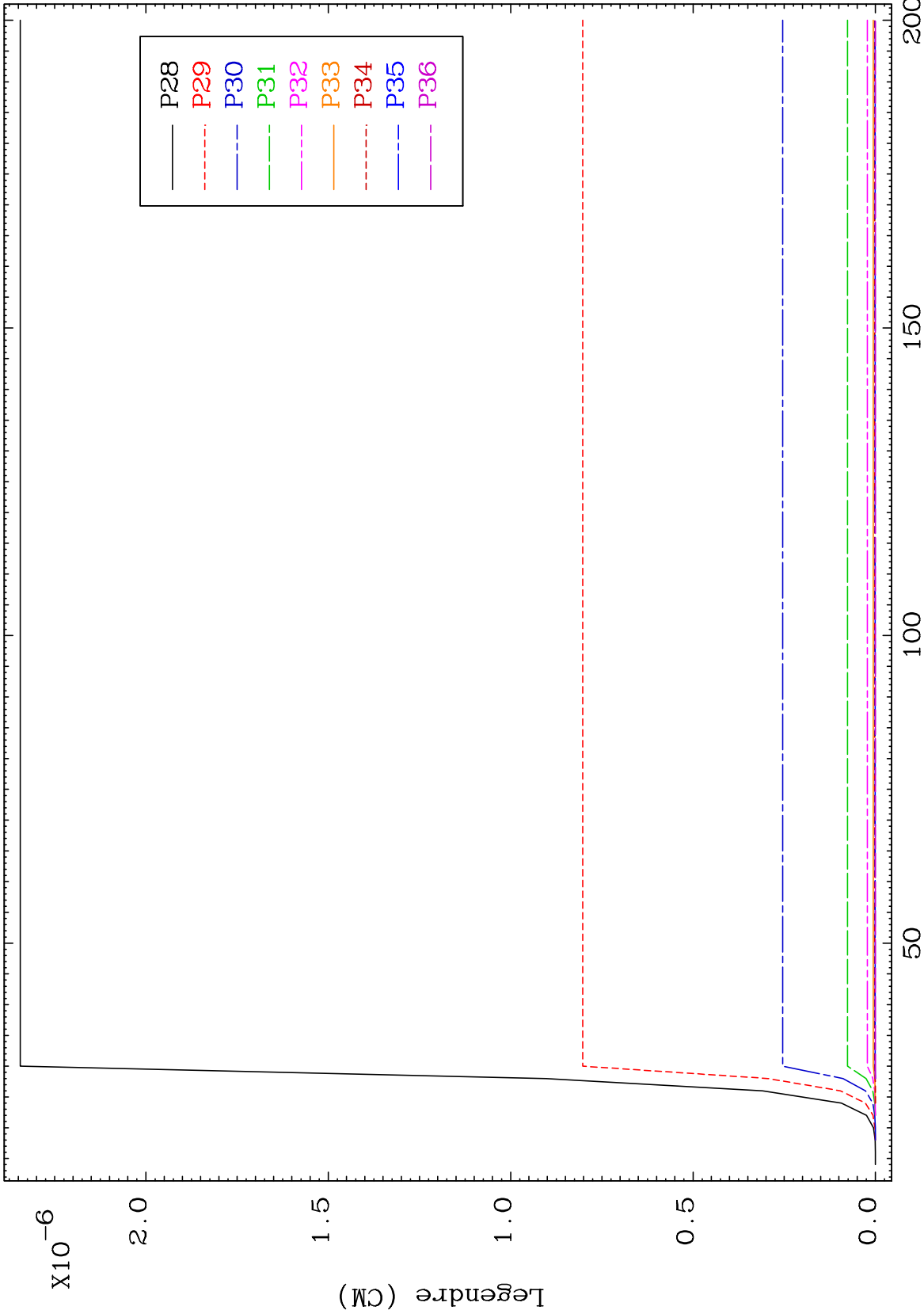
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



28

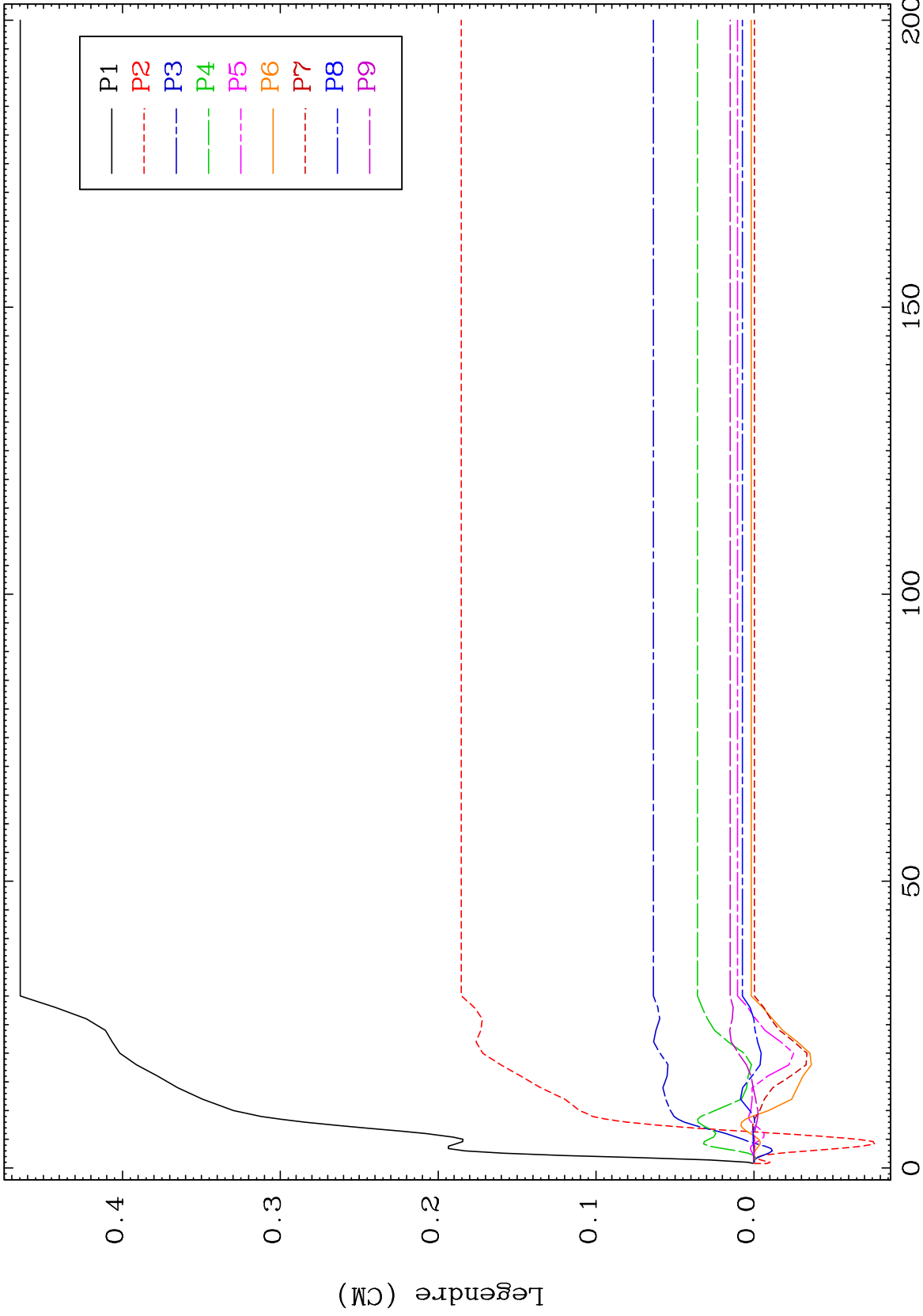
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



29

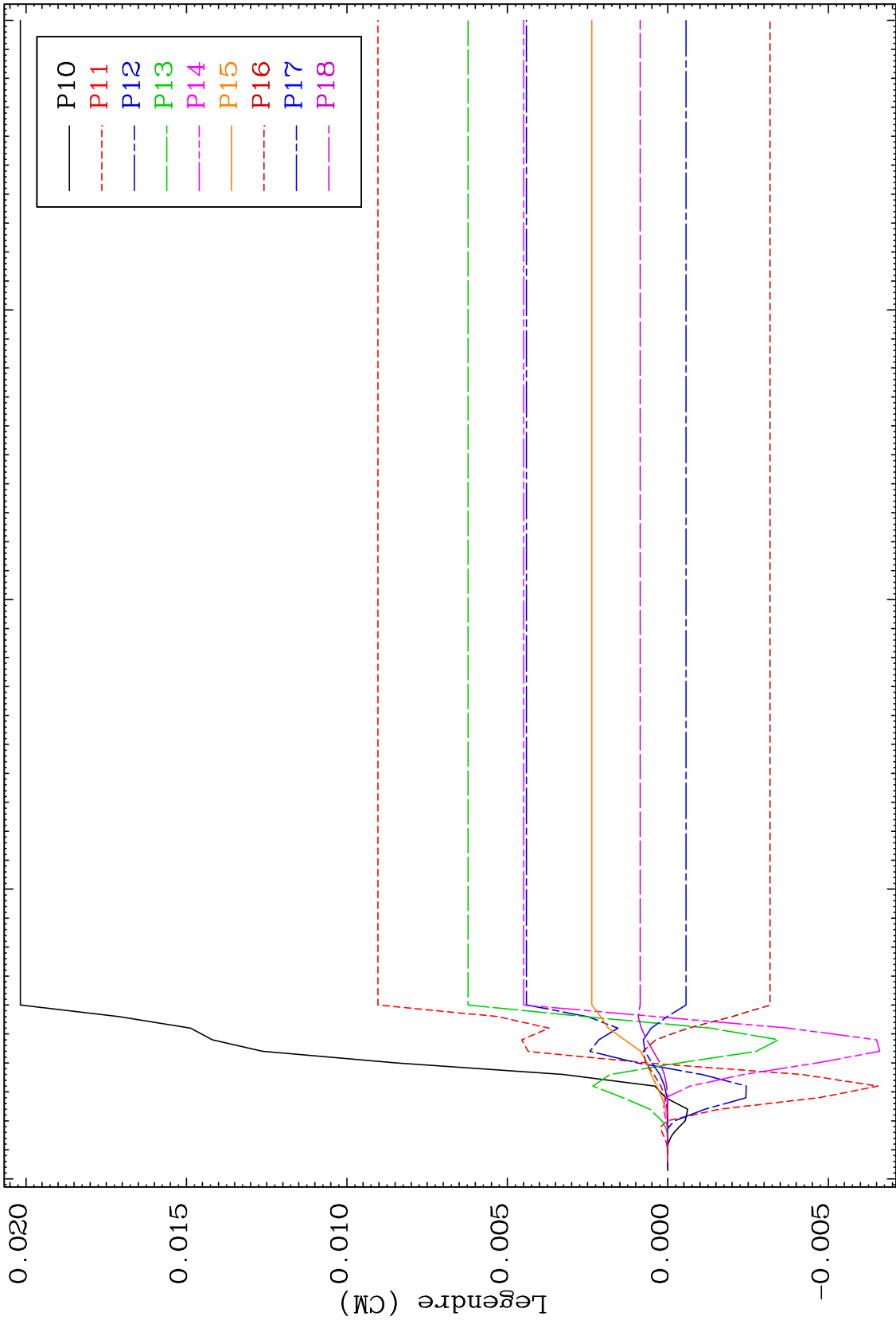
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



30

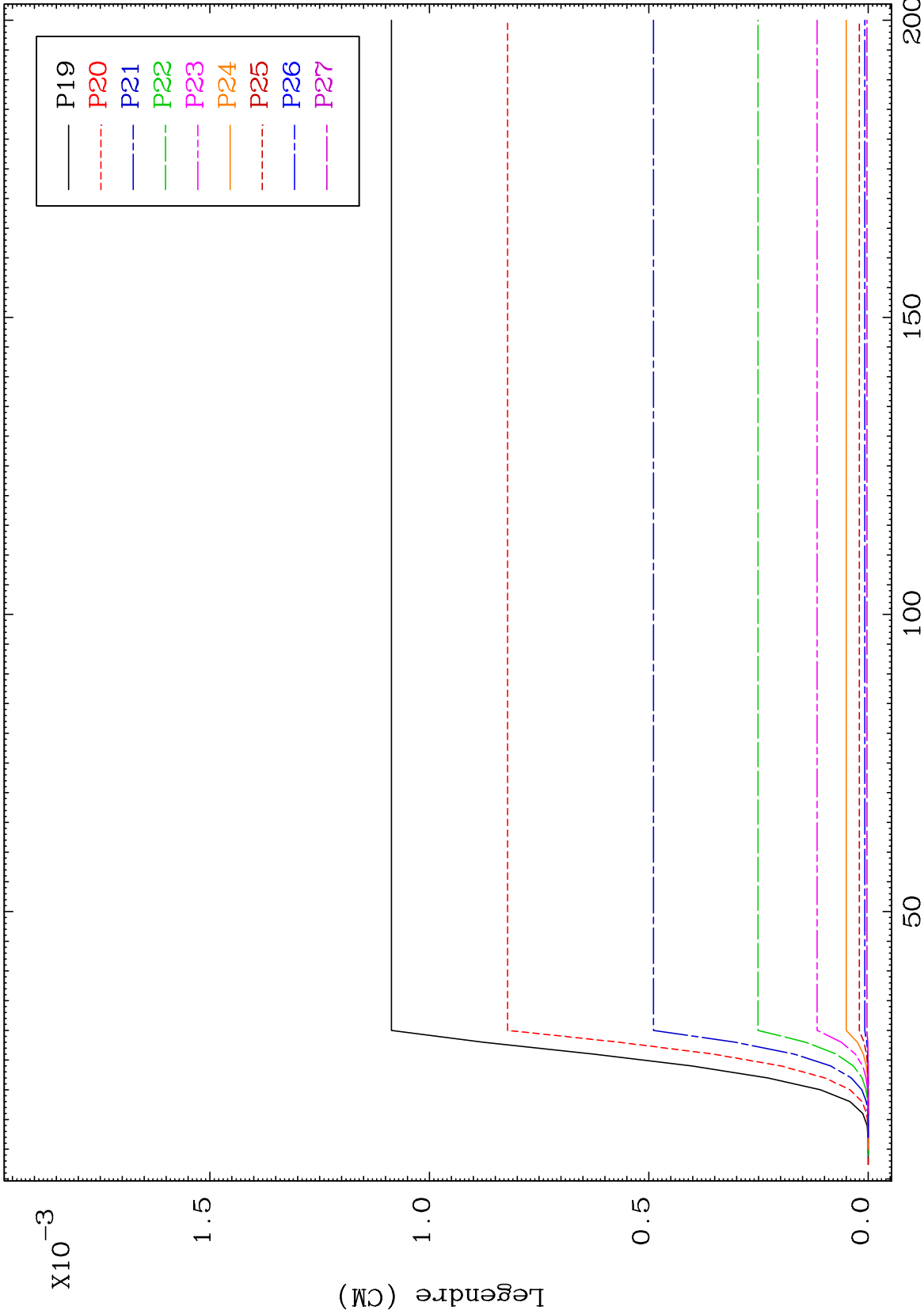
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



31

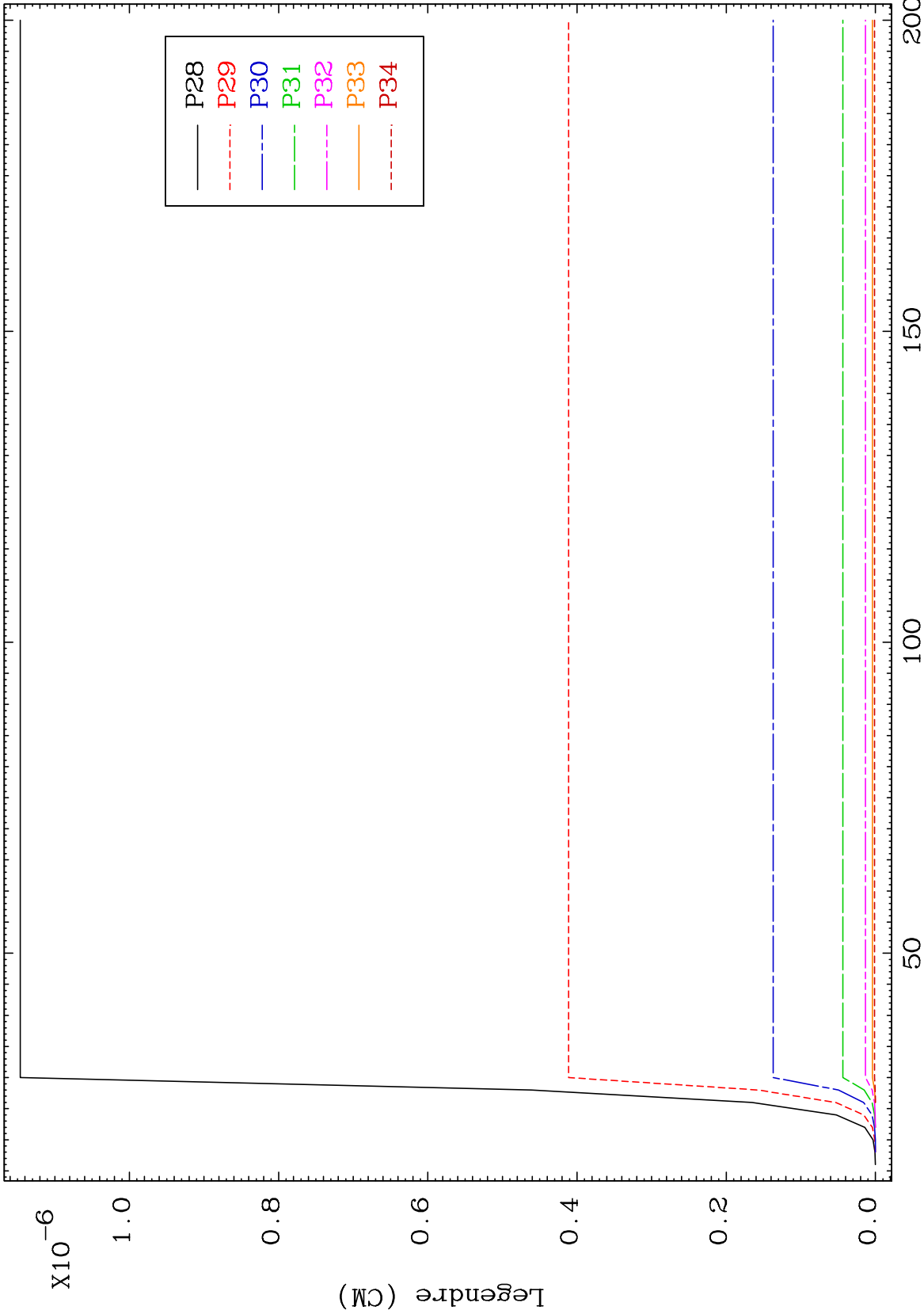
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



32

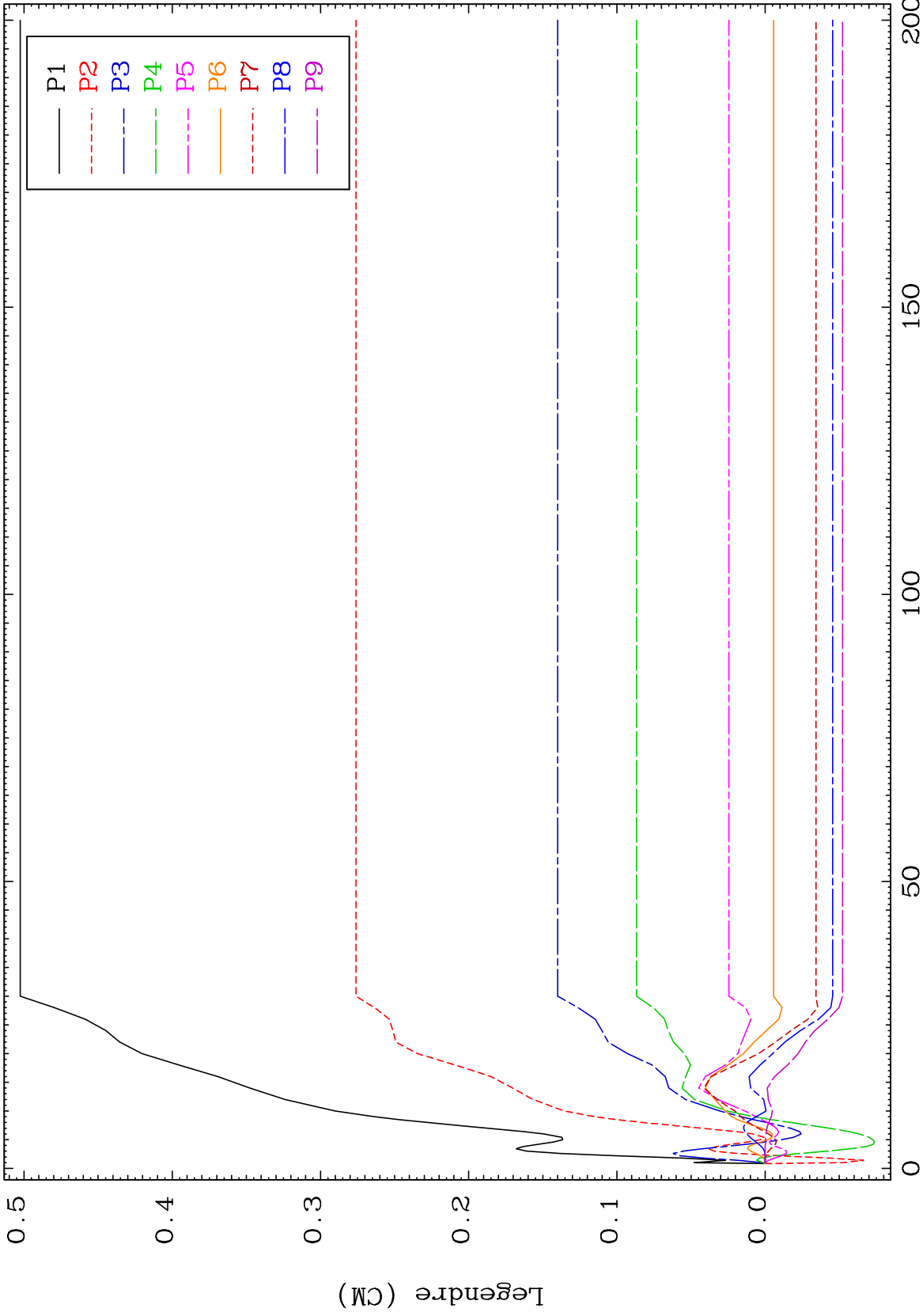
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



33

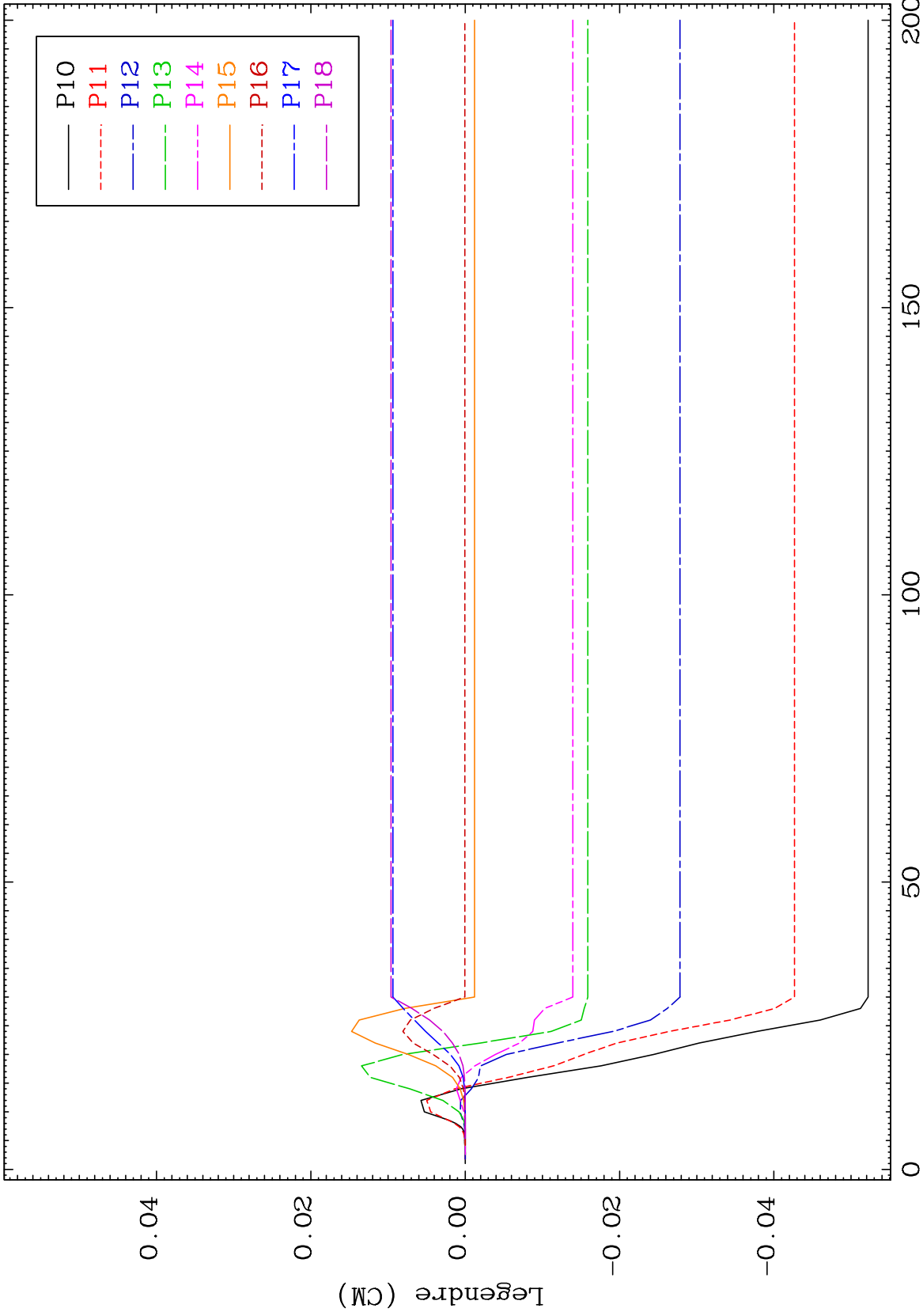
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



34

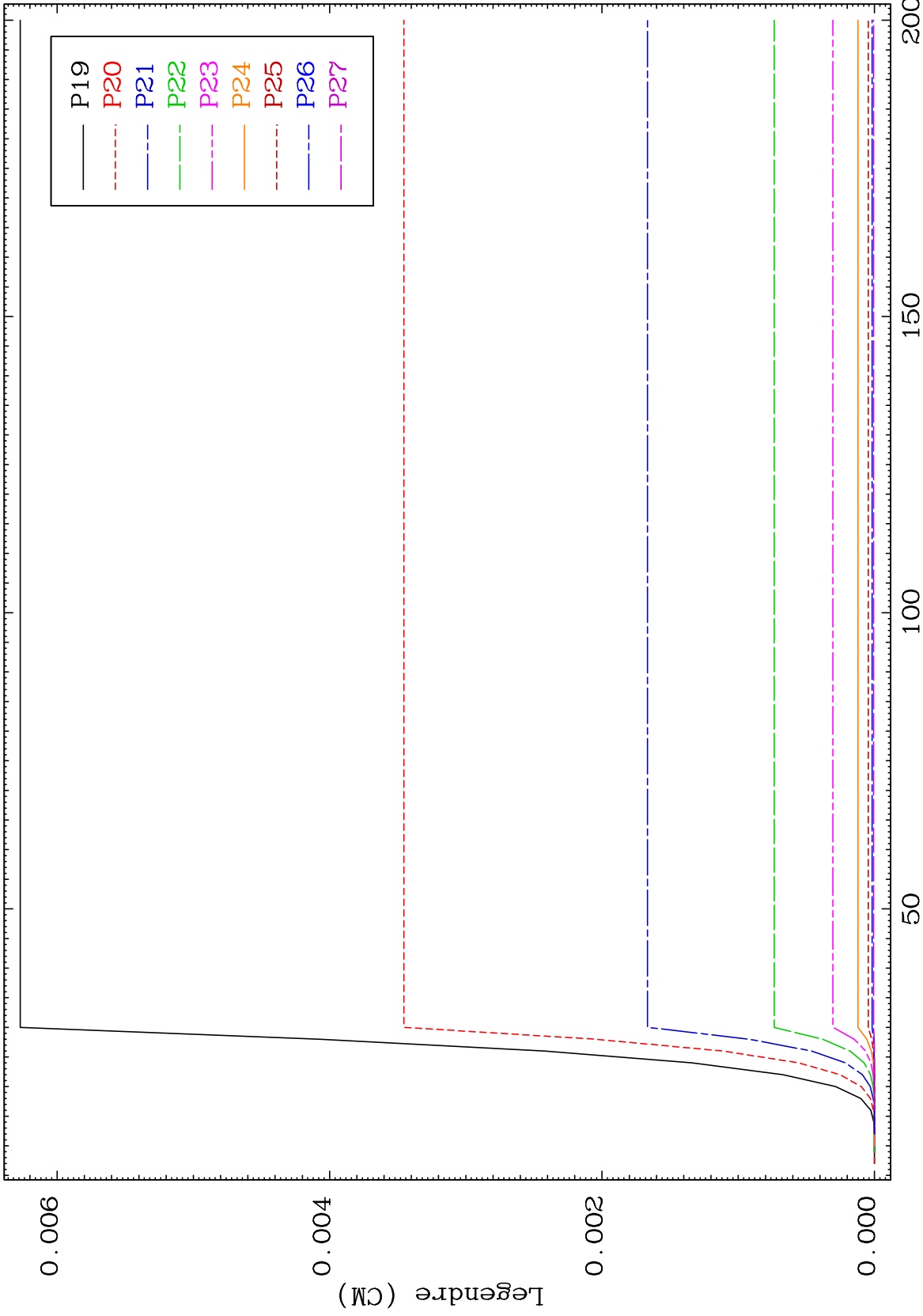
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



35

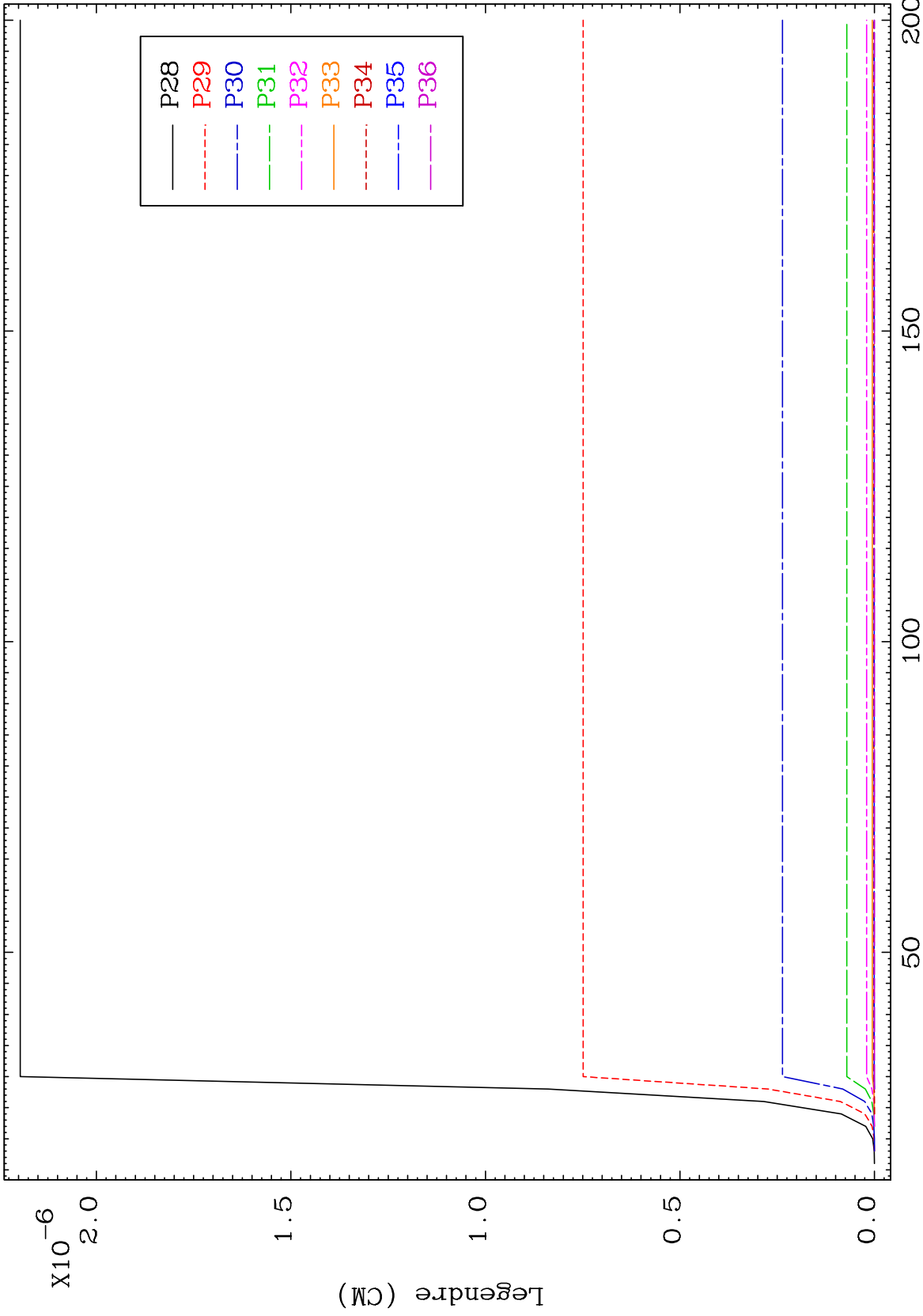
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



36

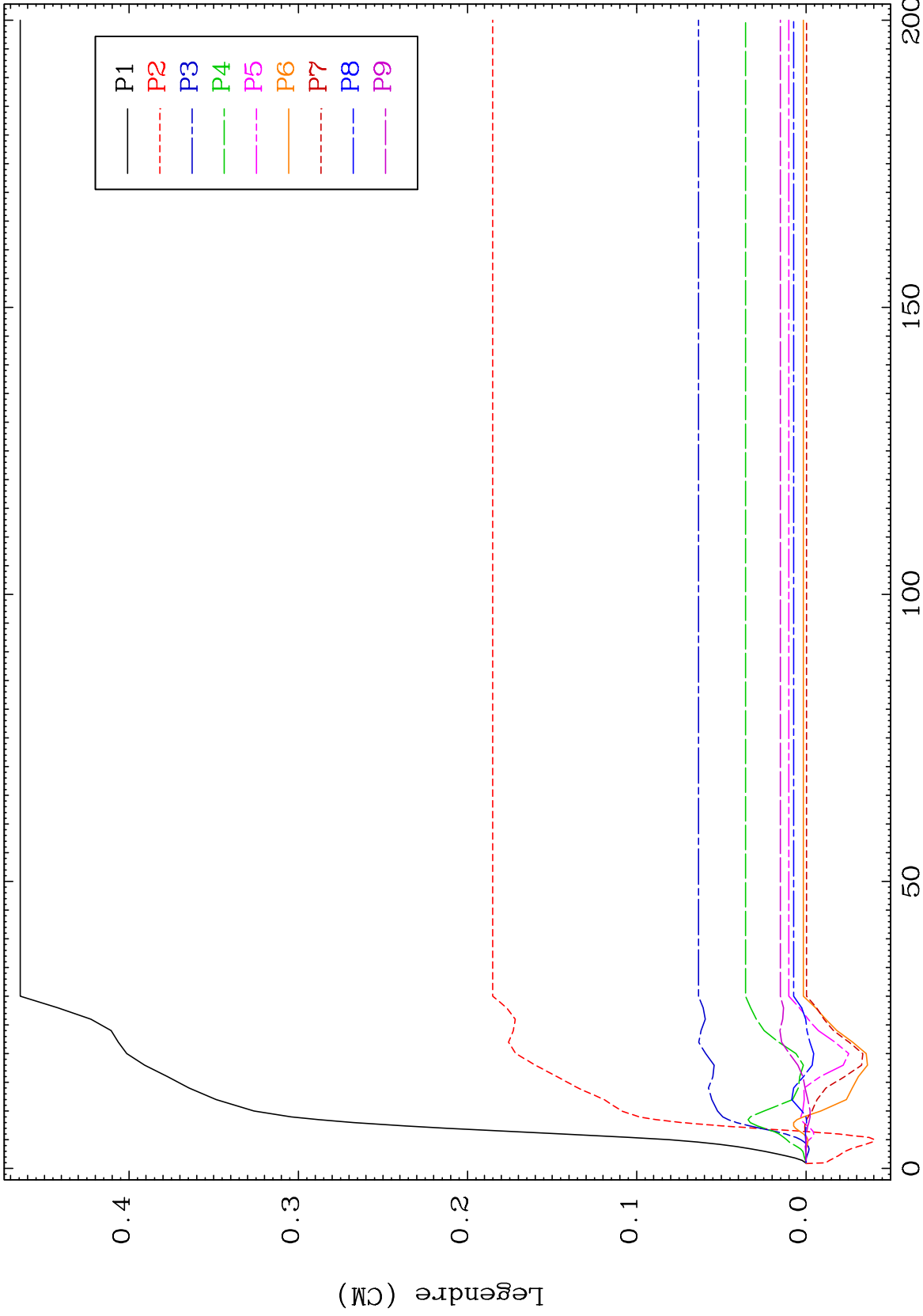
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



37

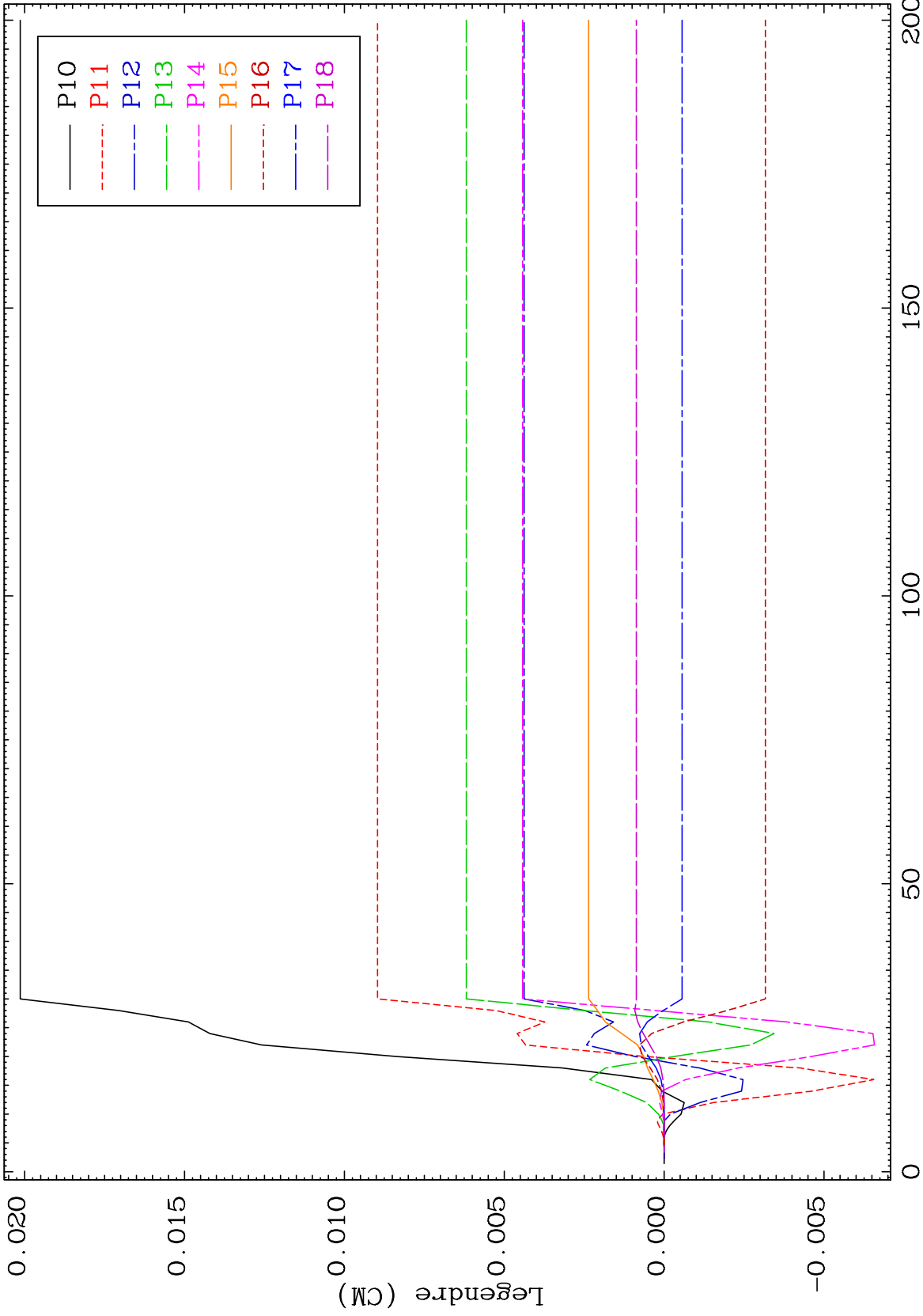
Incident Energy (MeV)

52-Te-111

MAT 5198

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

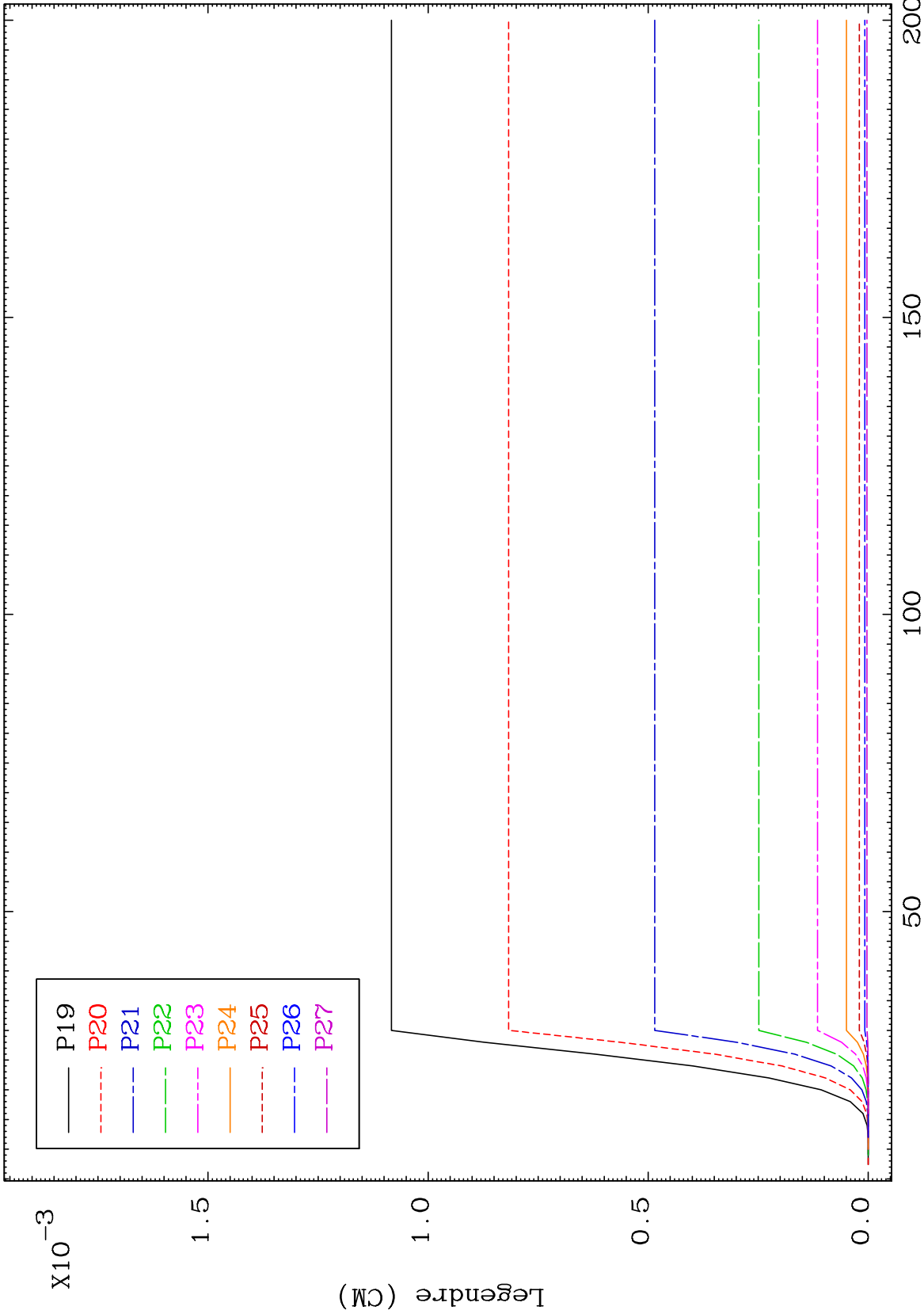
52-Te-111



38

Incident Energy (MeV)

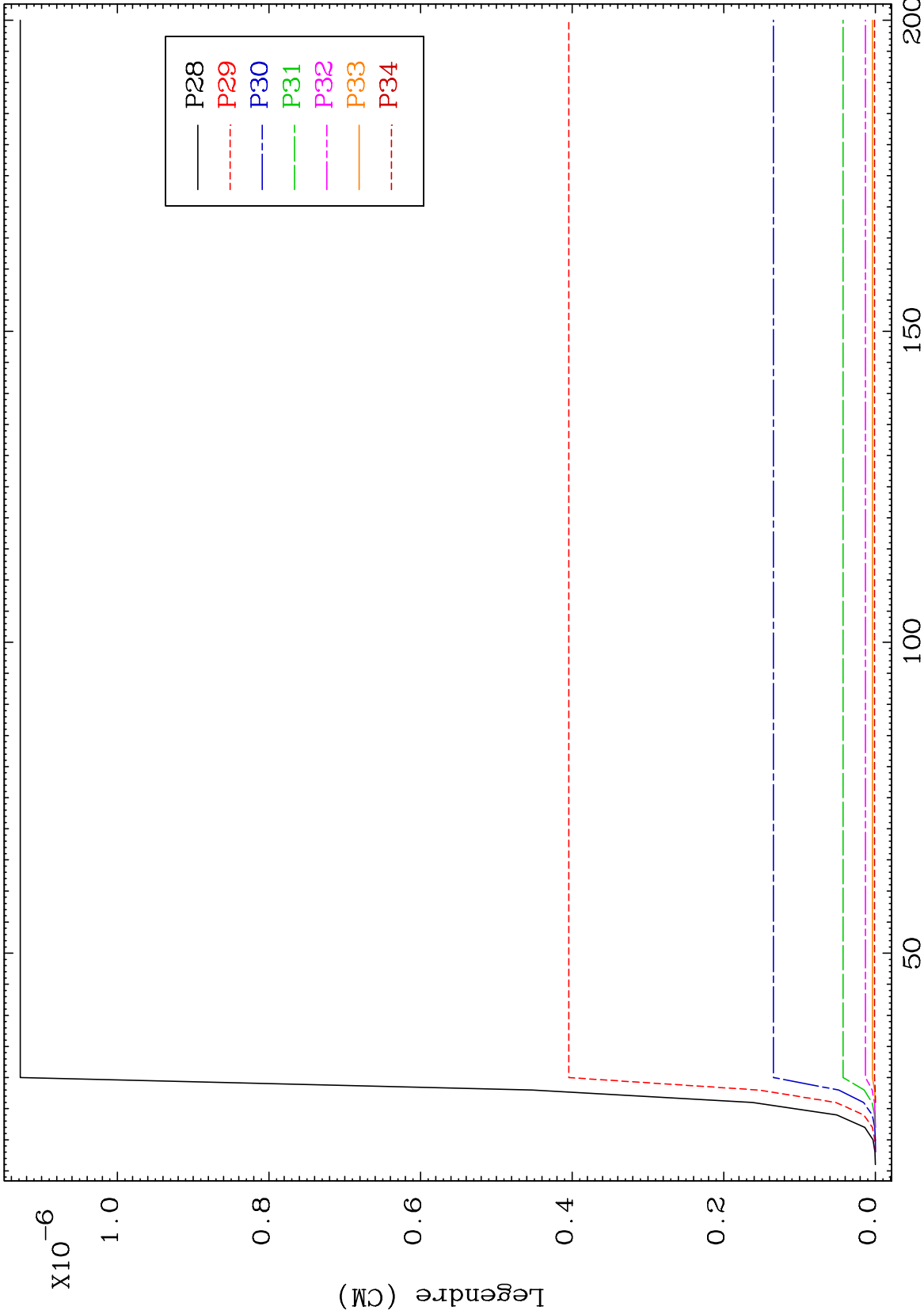
52-Te-111



MAT 5198

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

52-Te-111



40

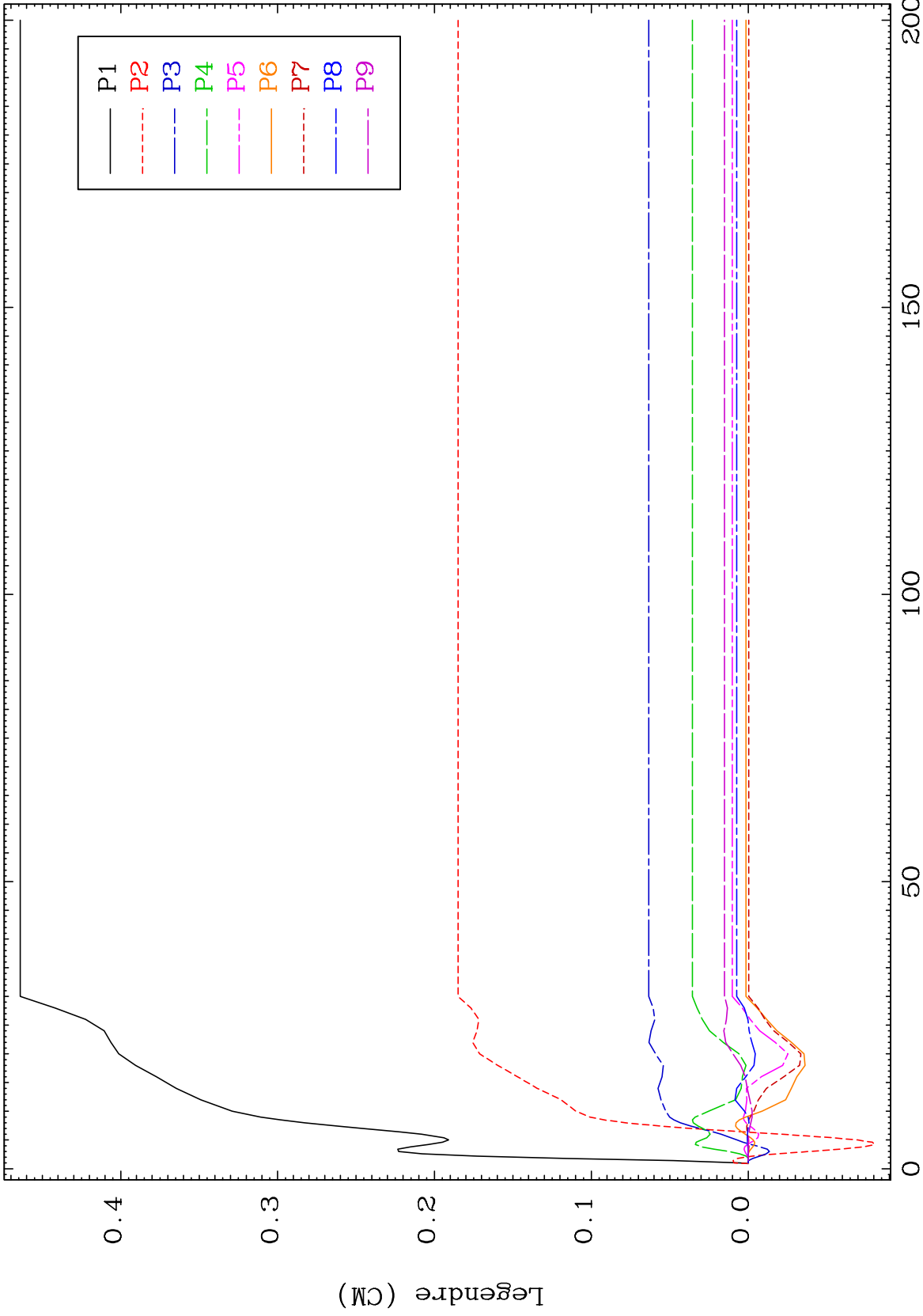
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



41

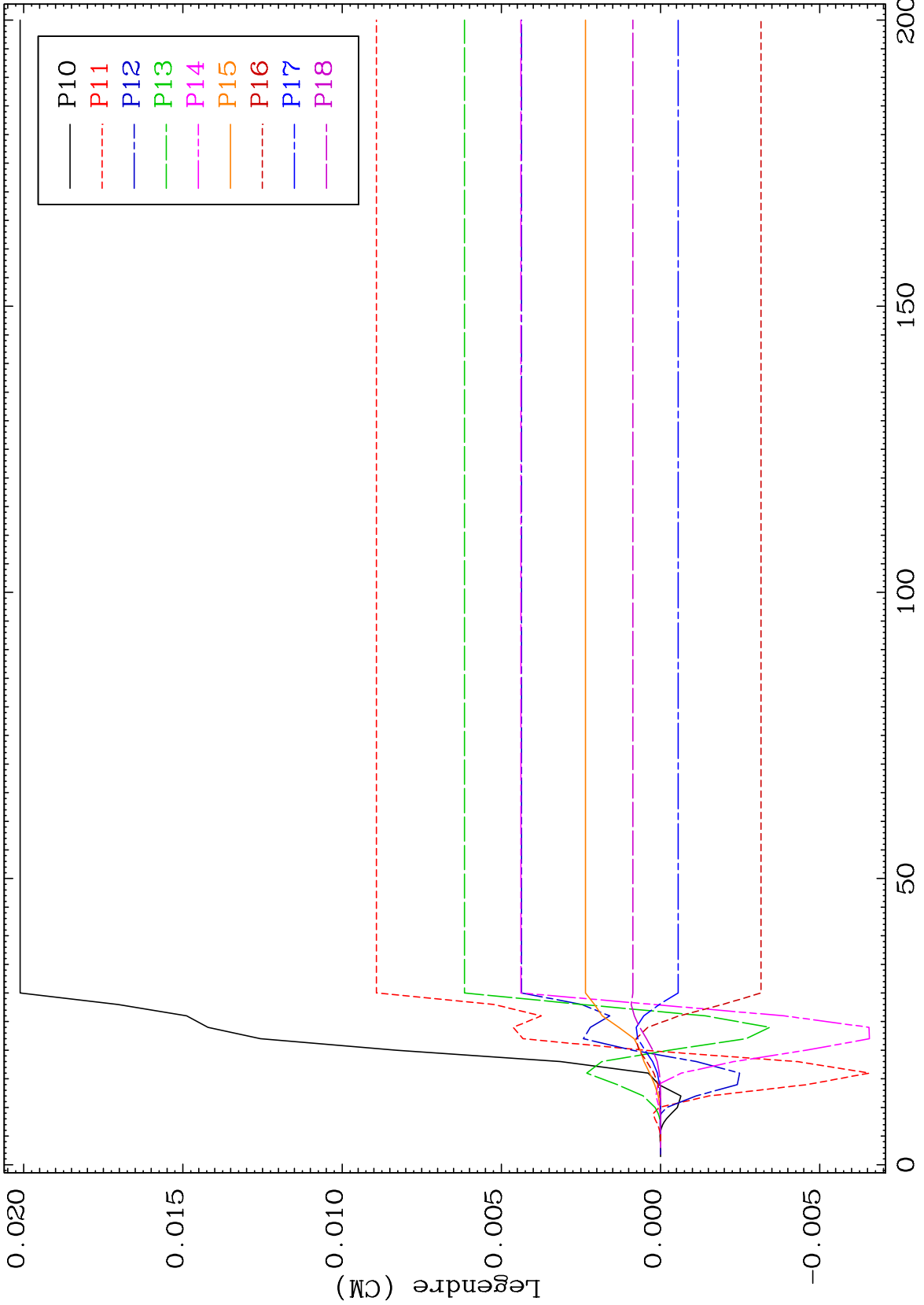
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



42

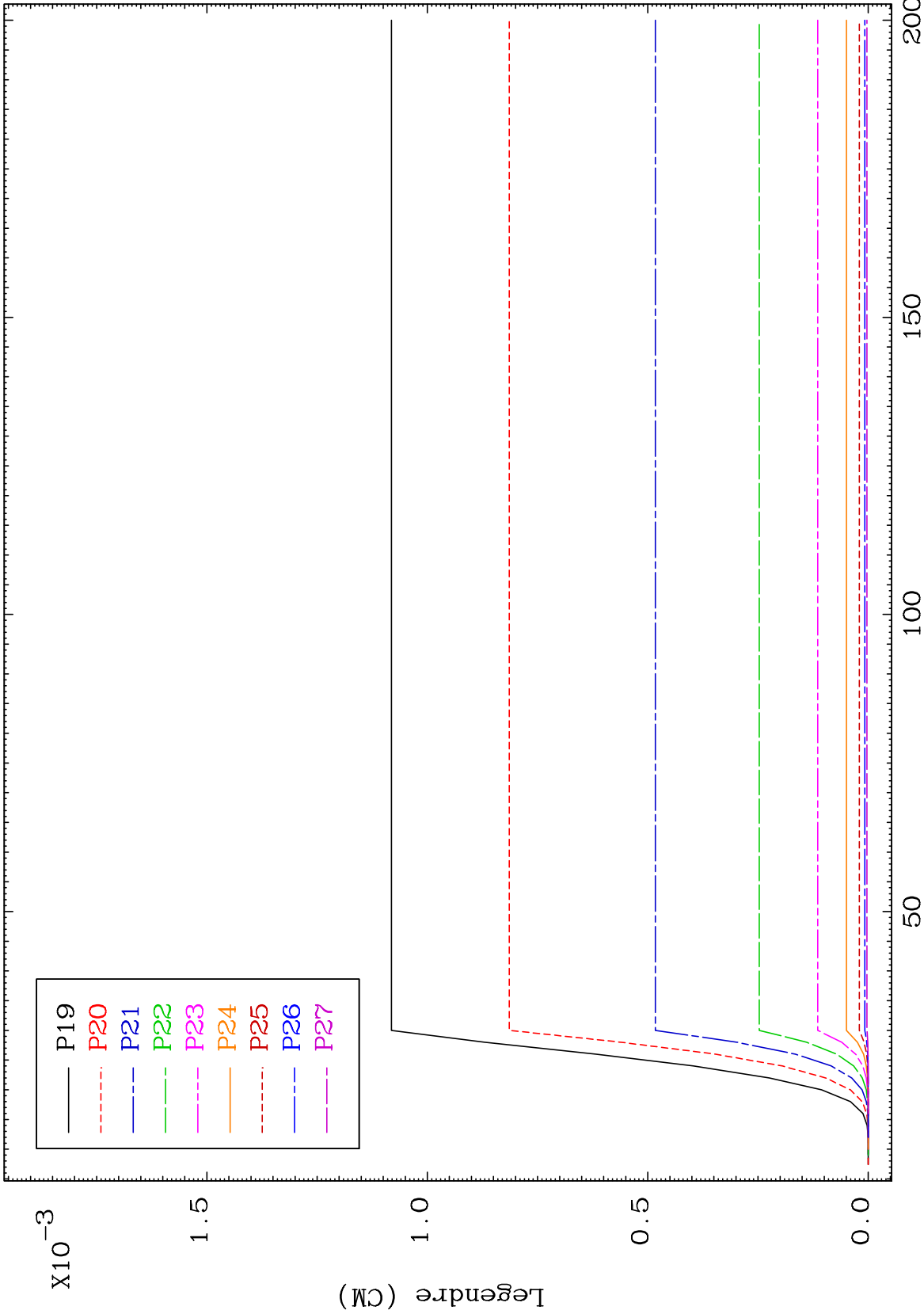
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



43

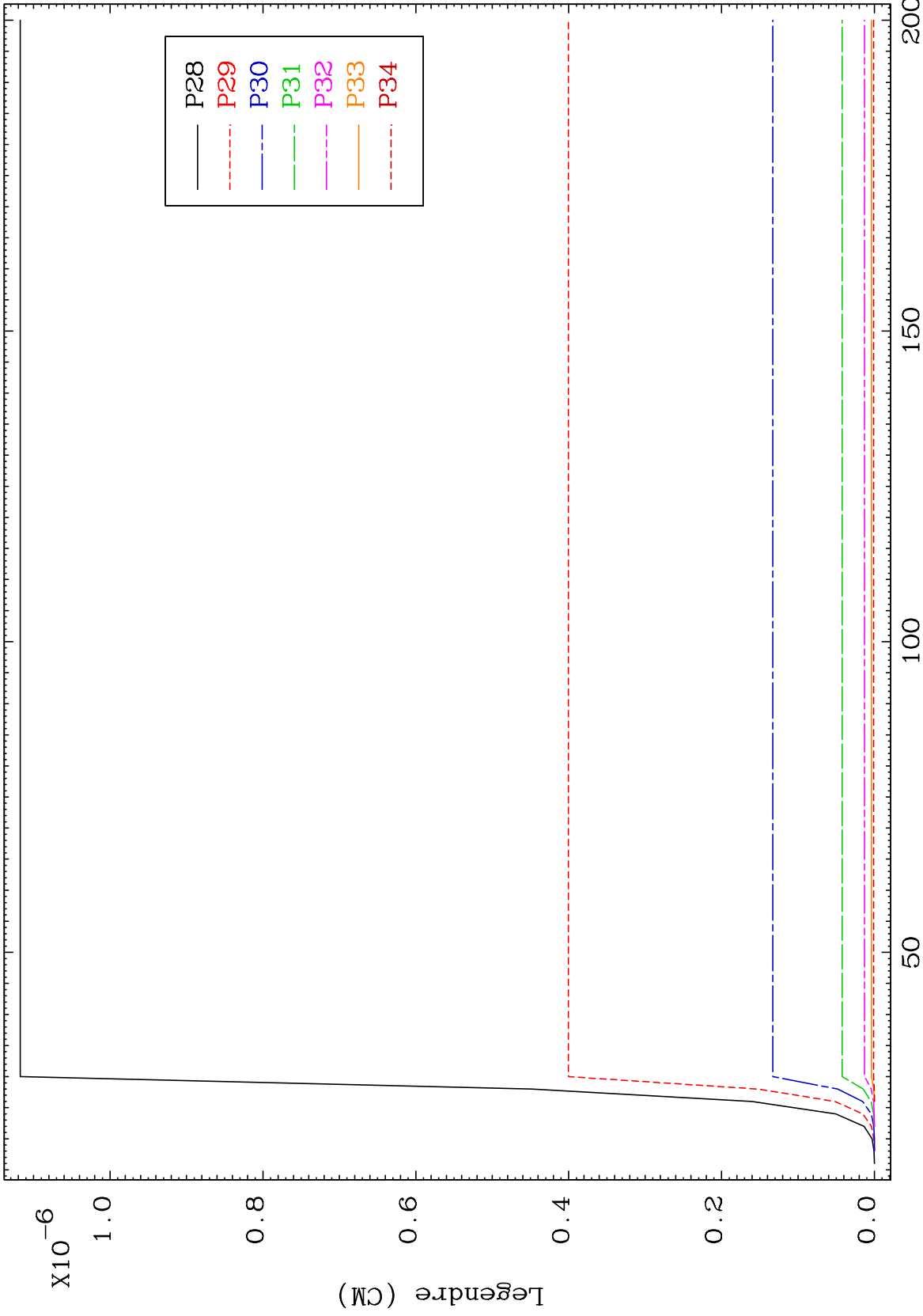
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



44

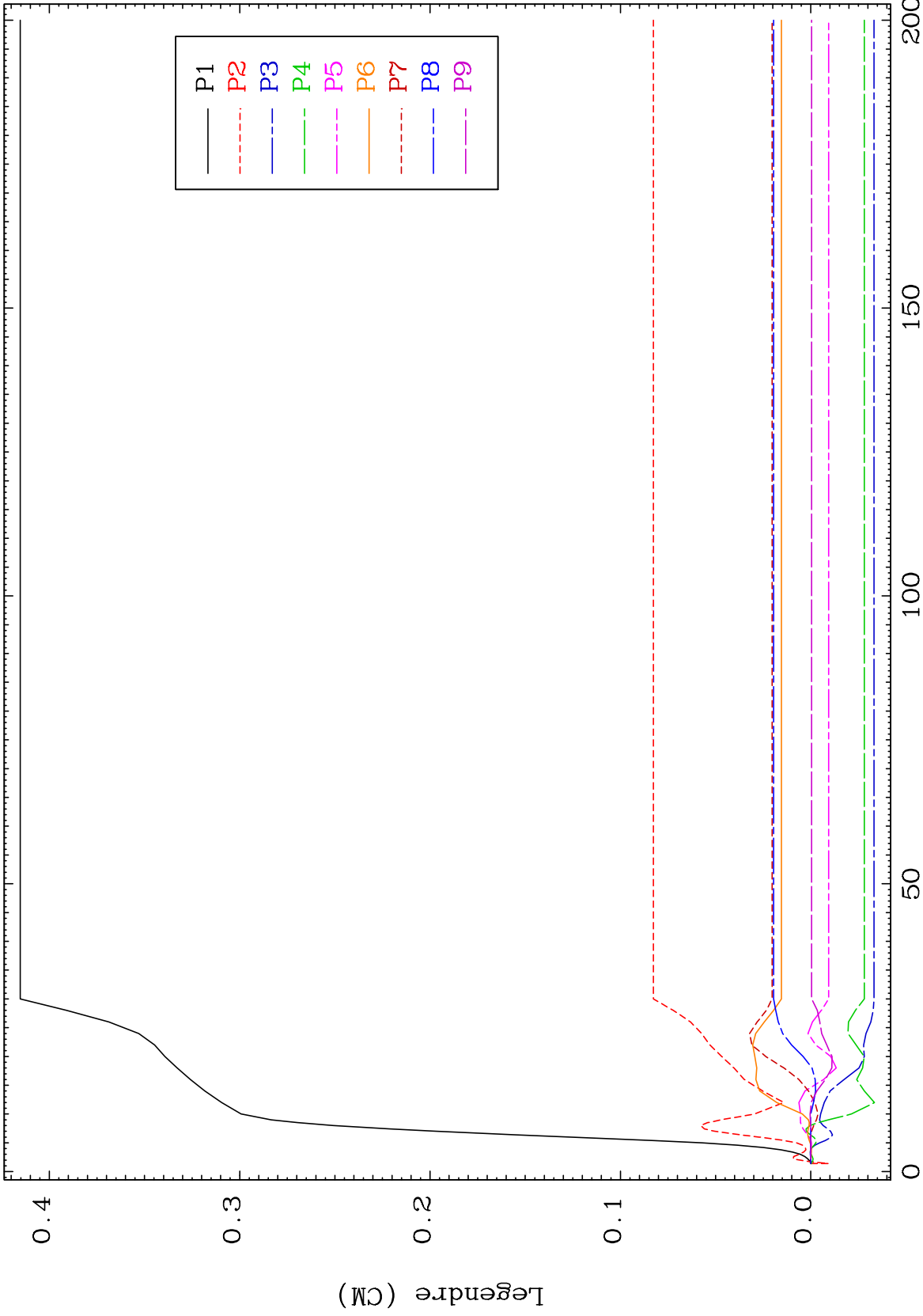
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



45

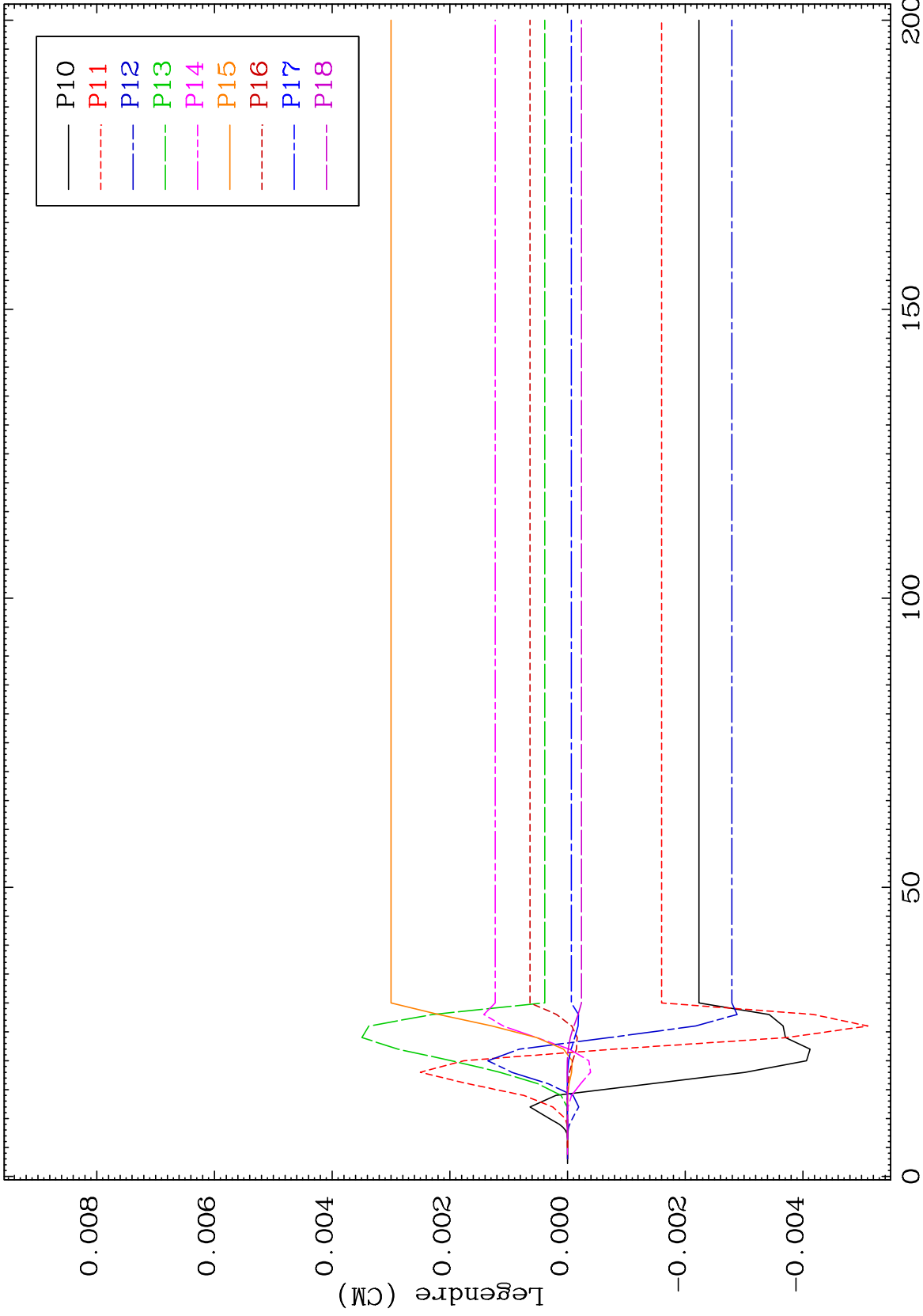
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



46

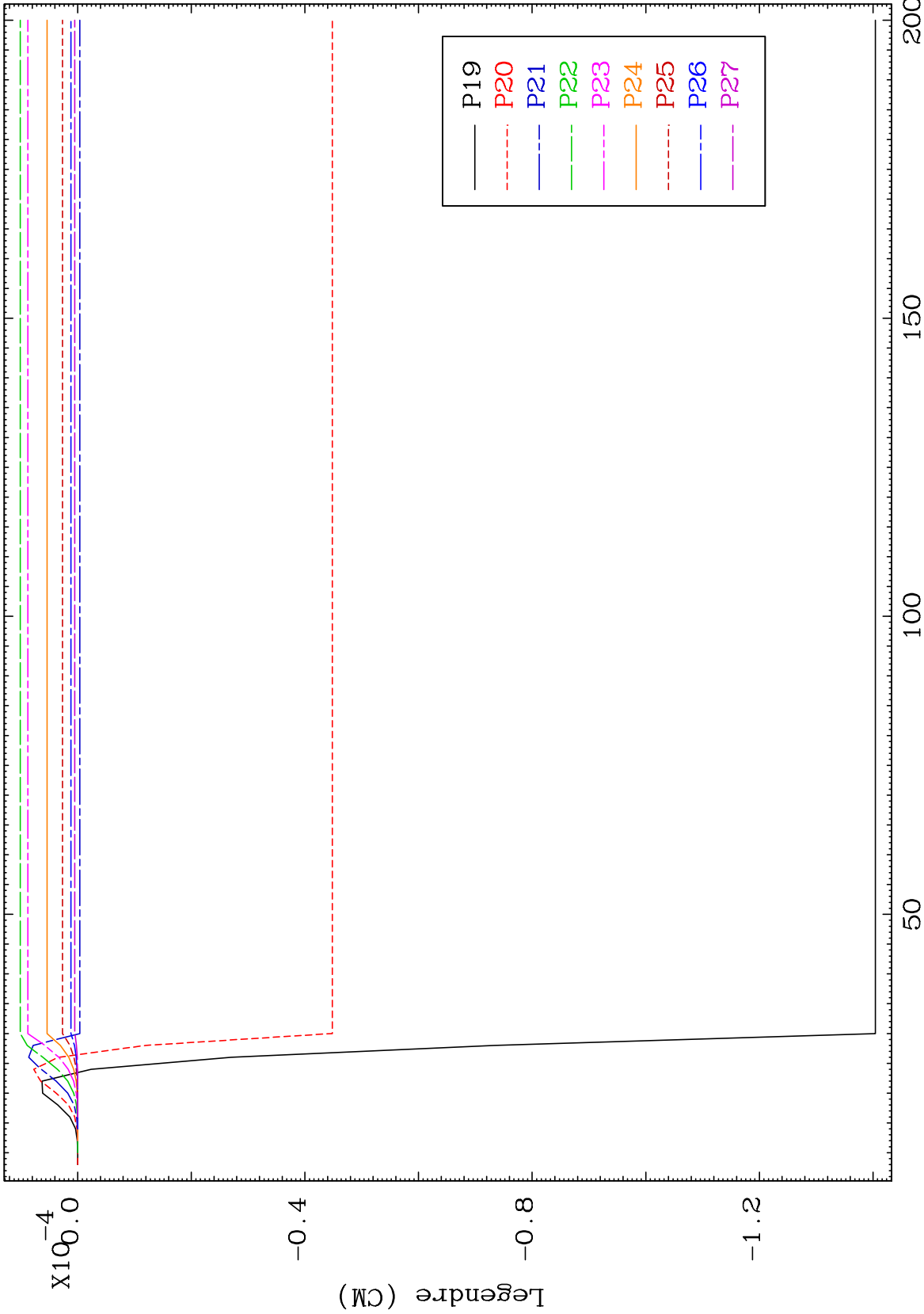
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



47

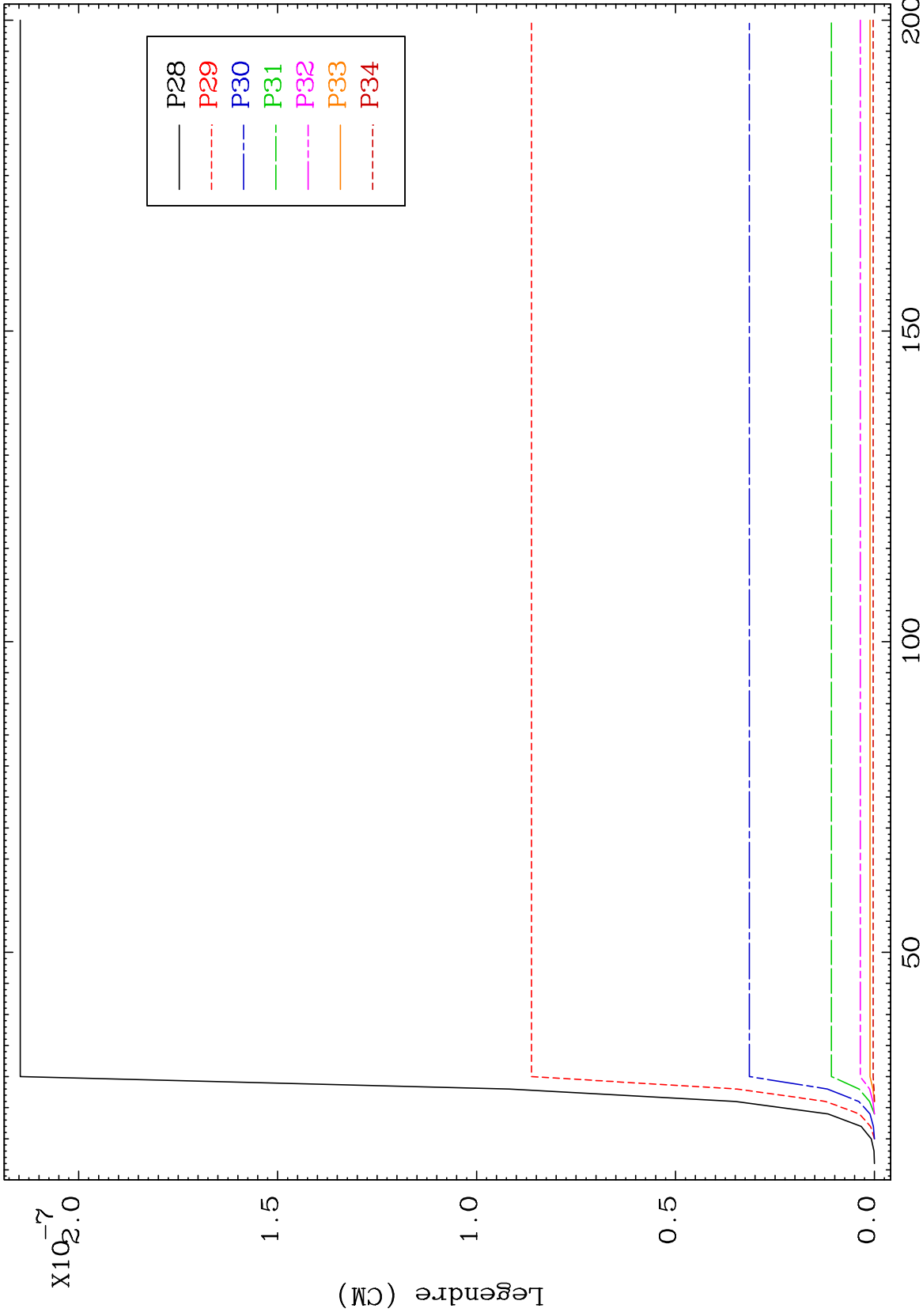
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



48

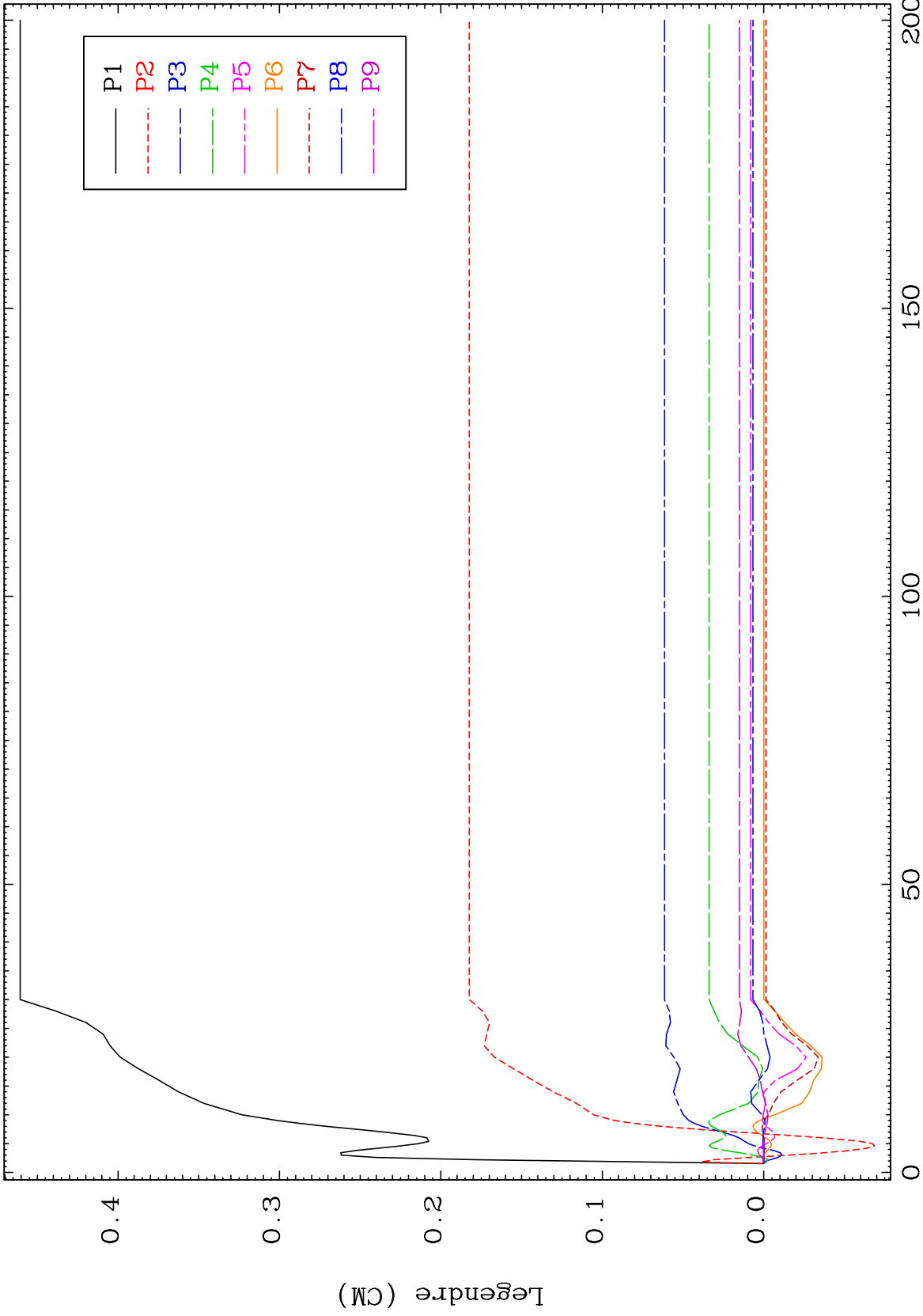
Incident Energy (MeV)

52-Te-111

MAT 5198

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

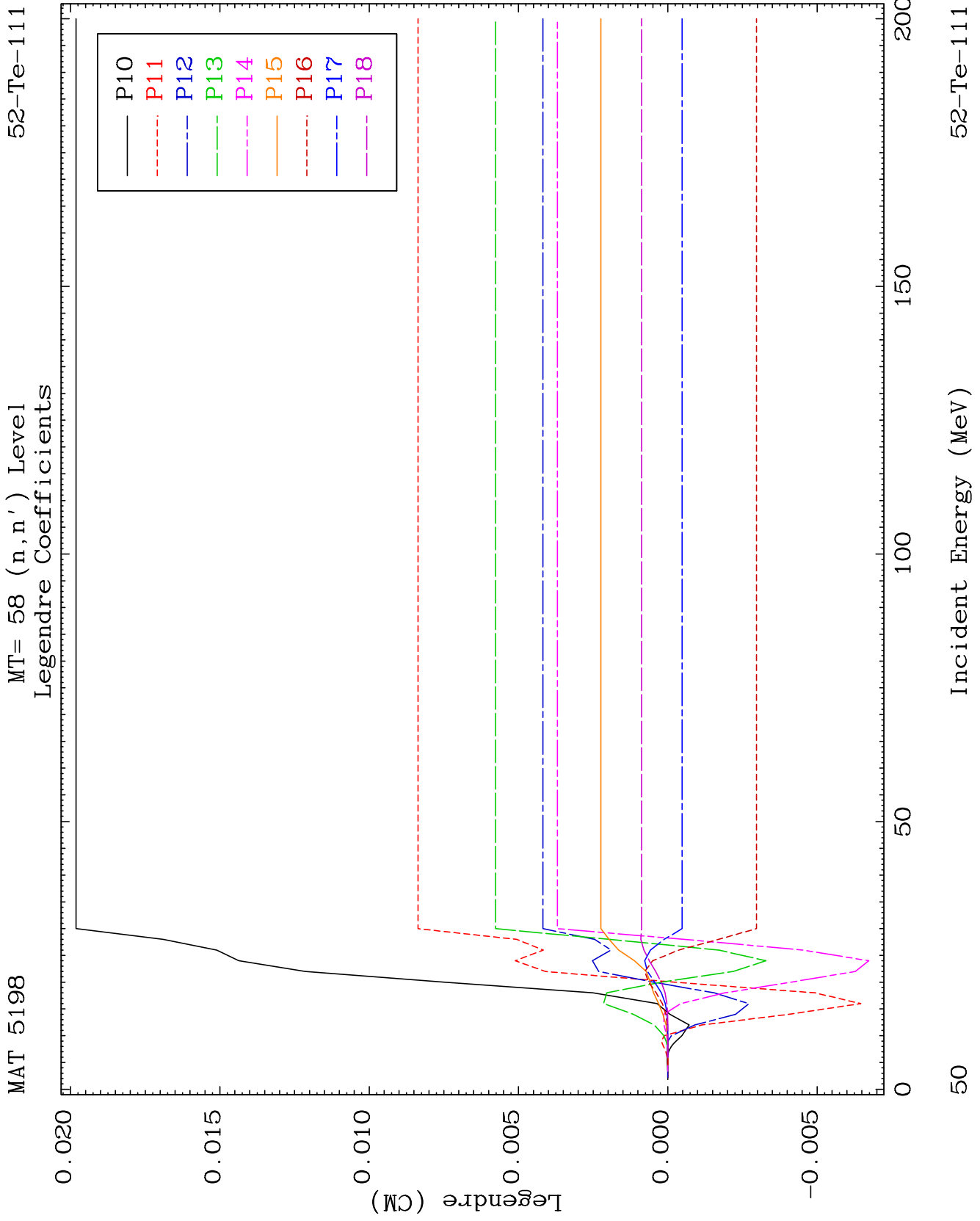
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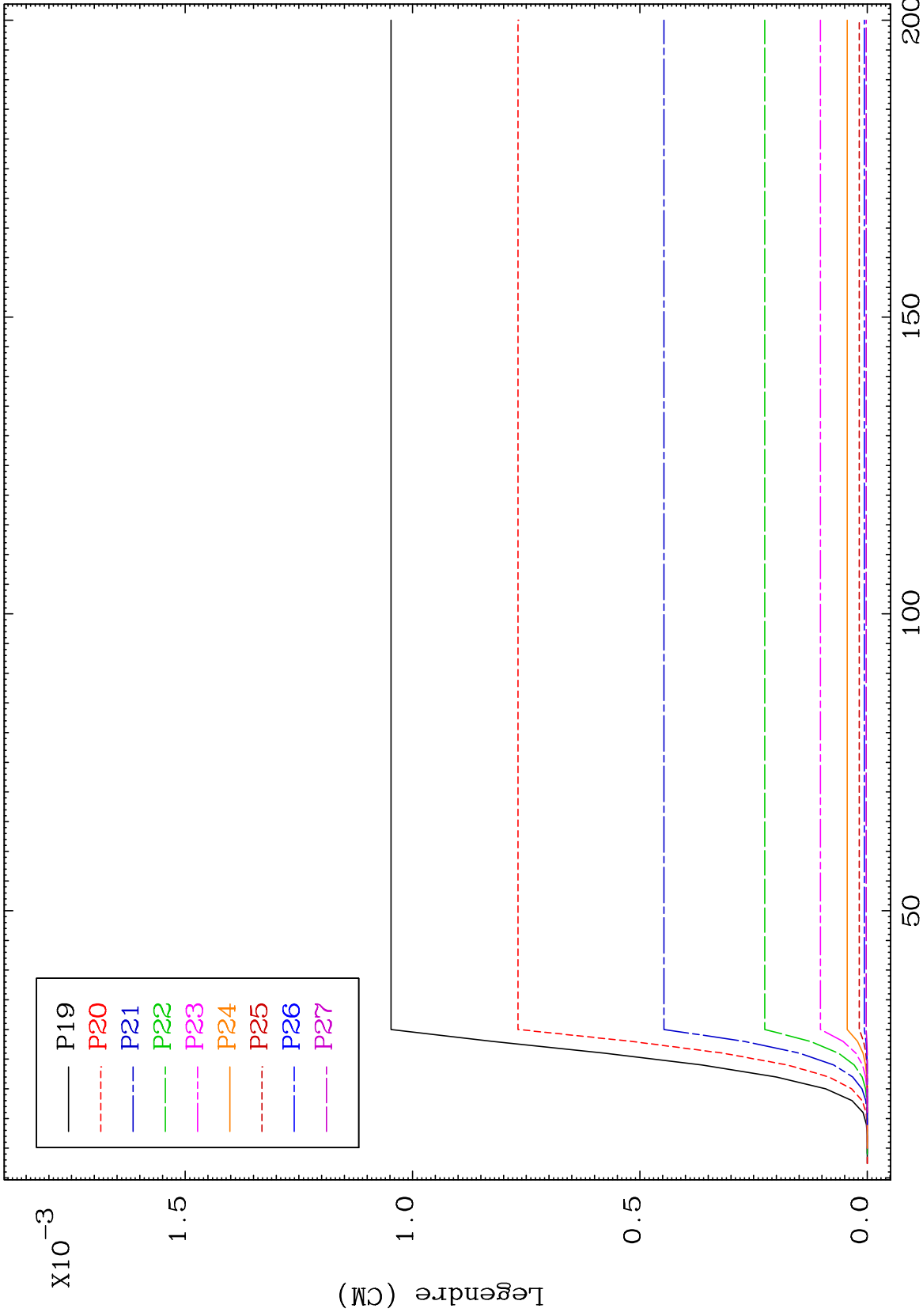


49

Incident Energy (MeV)

52-Te-111

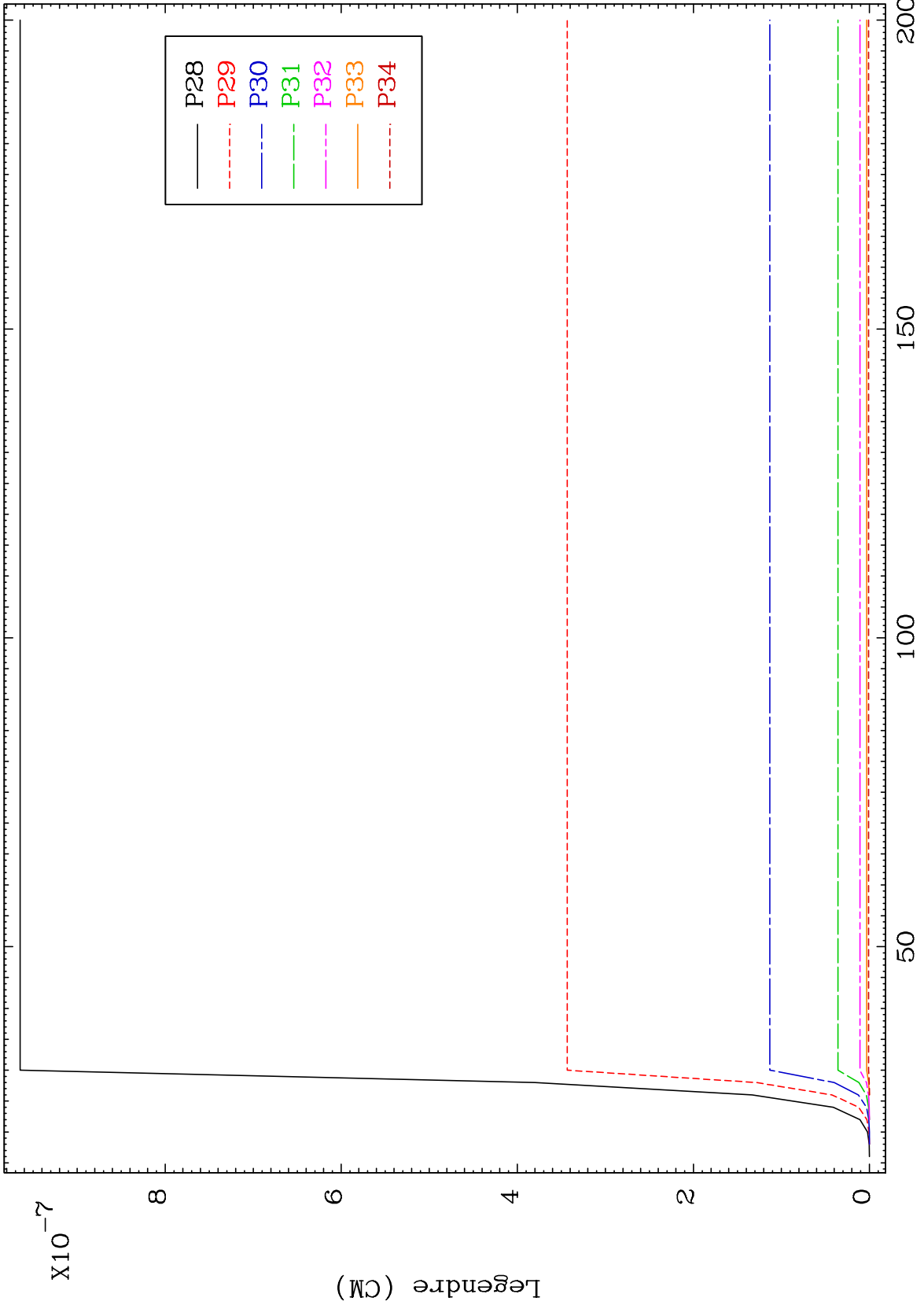




MAT 5198

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

52-Te-111



52

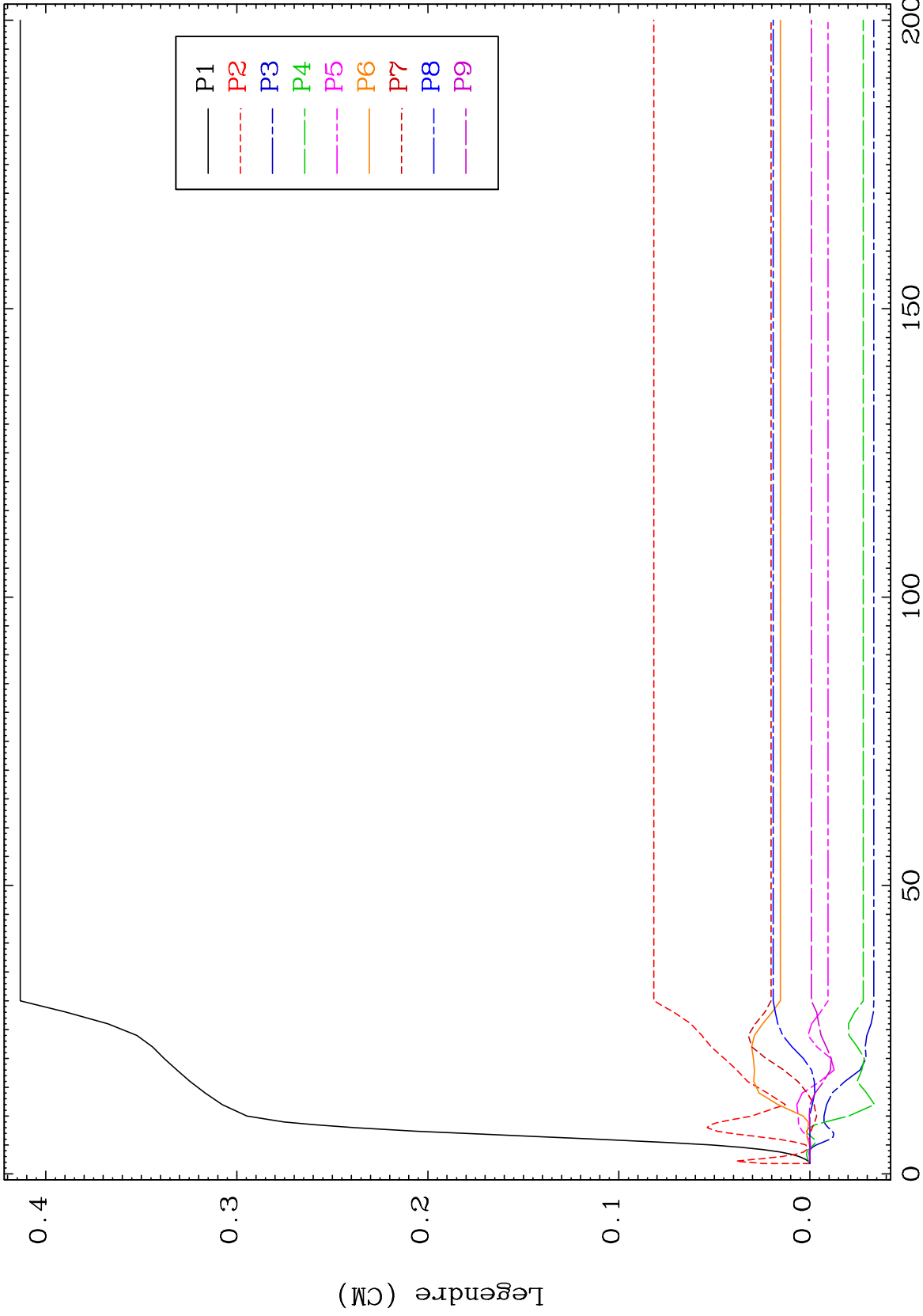
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



53

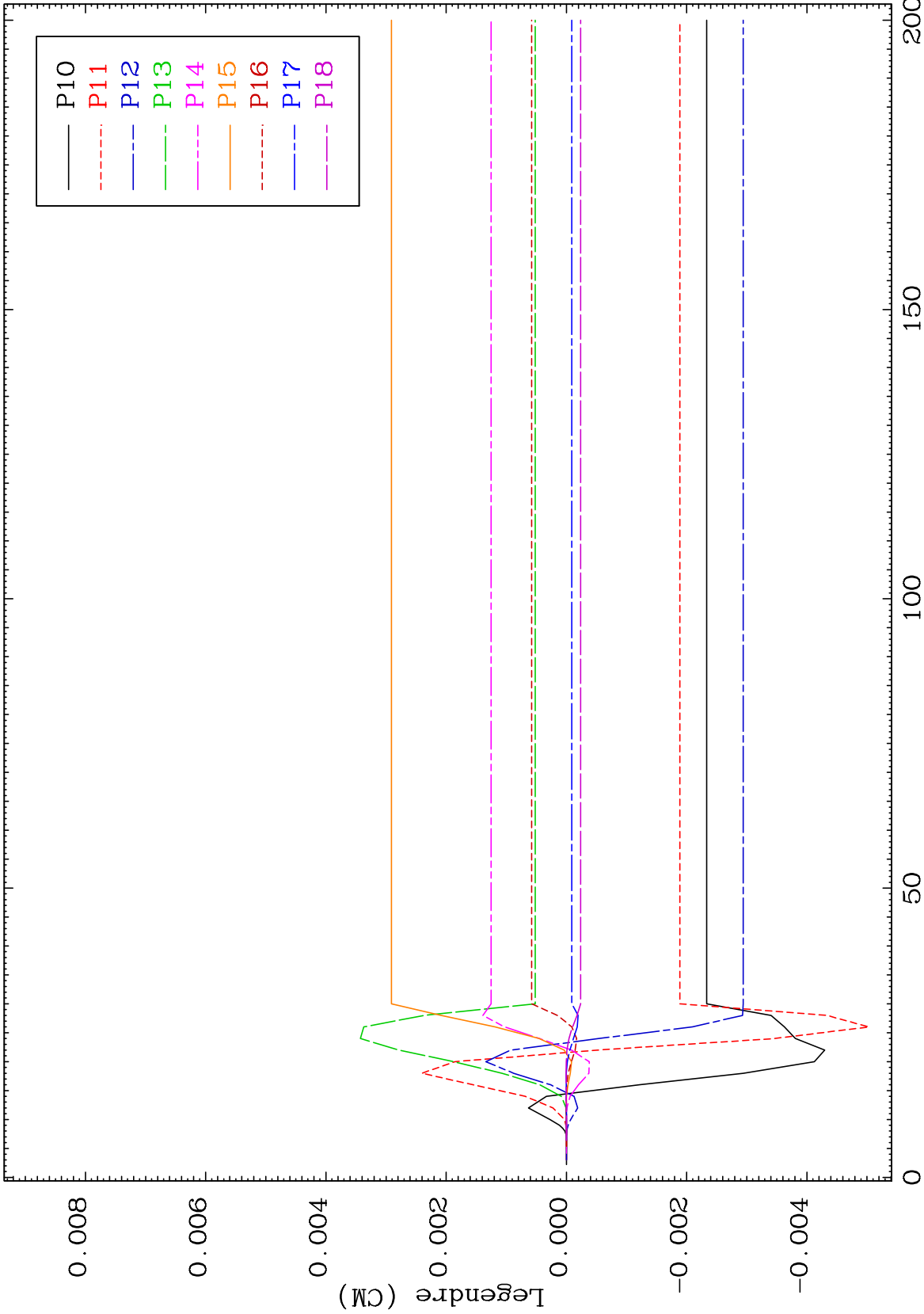
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



54

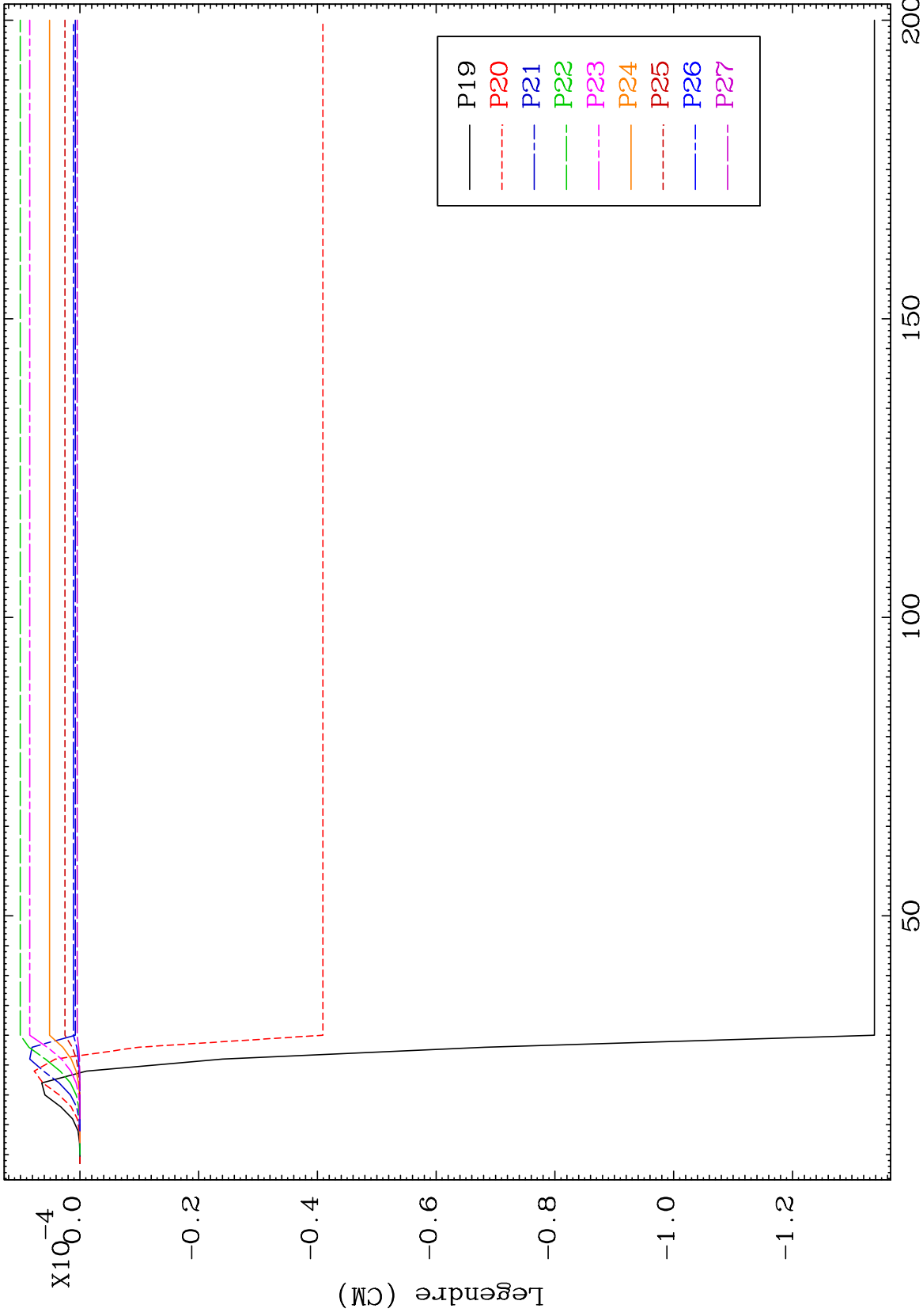
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



52-Te-111

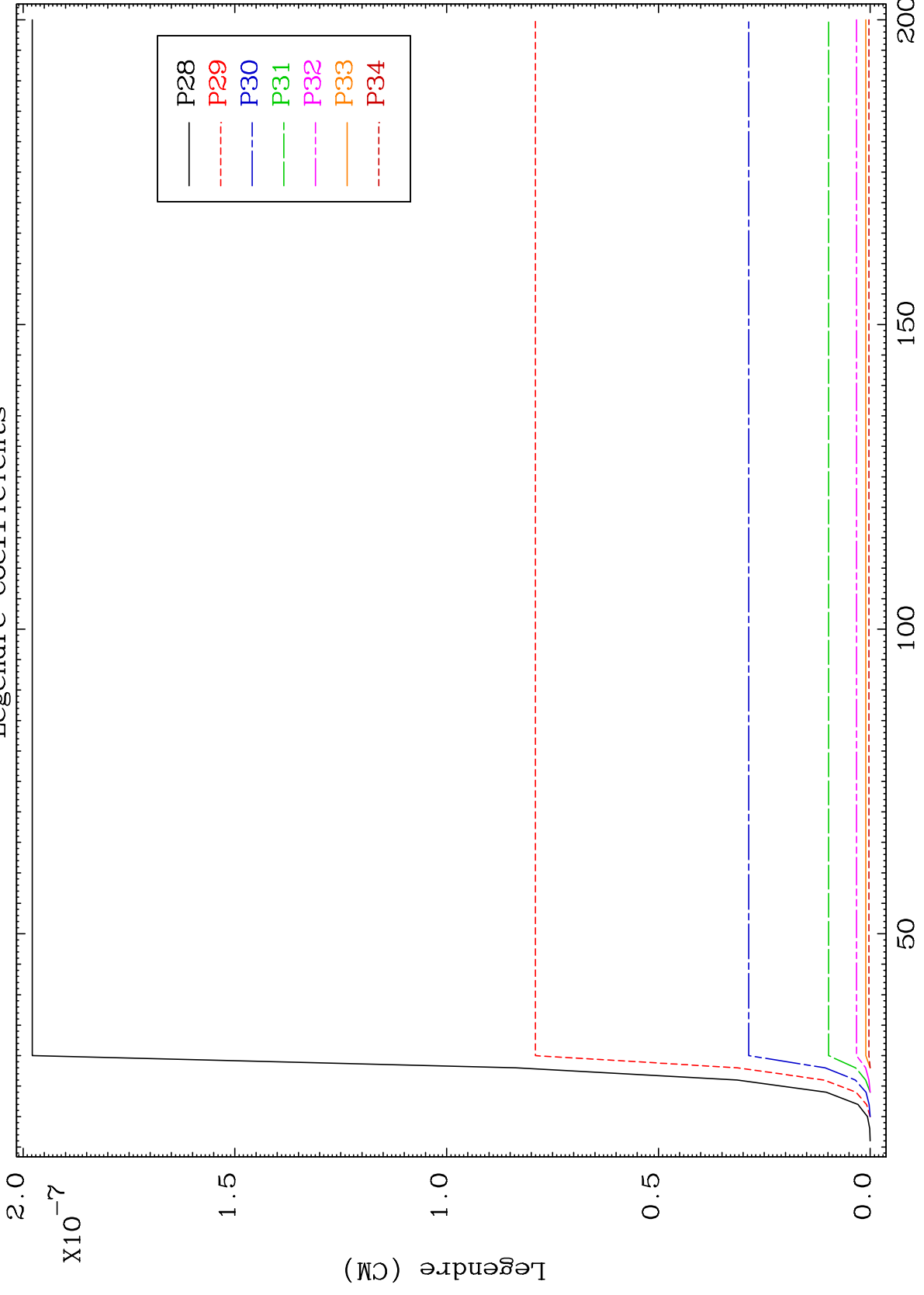
Incident Energy (MeV)

55

MAT 5198

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

52-Te-111



56

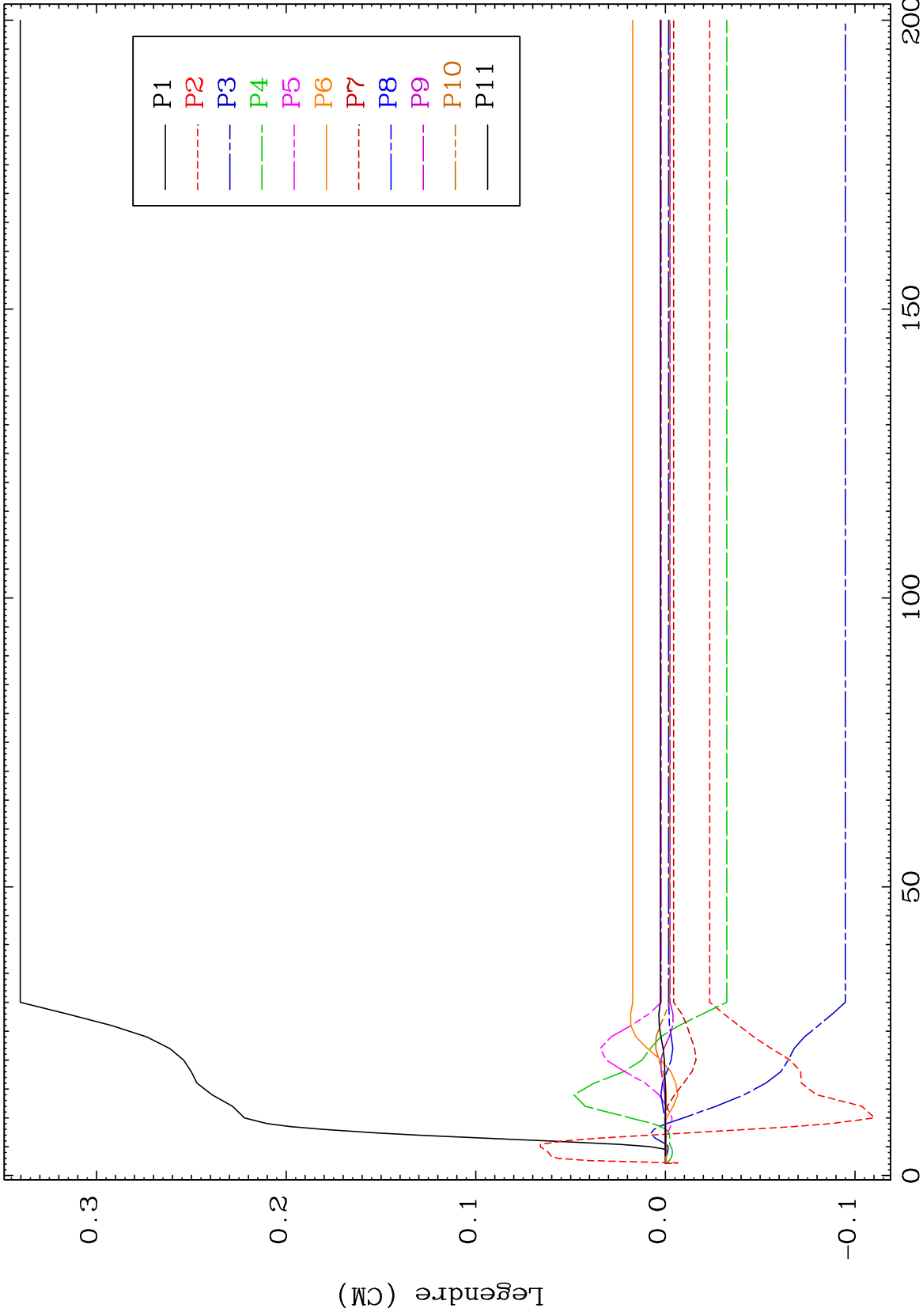
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



57

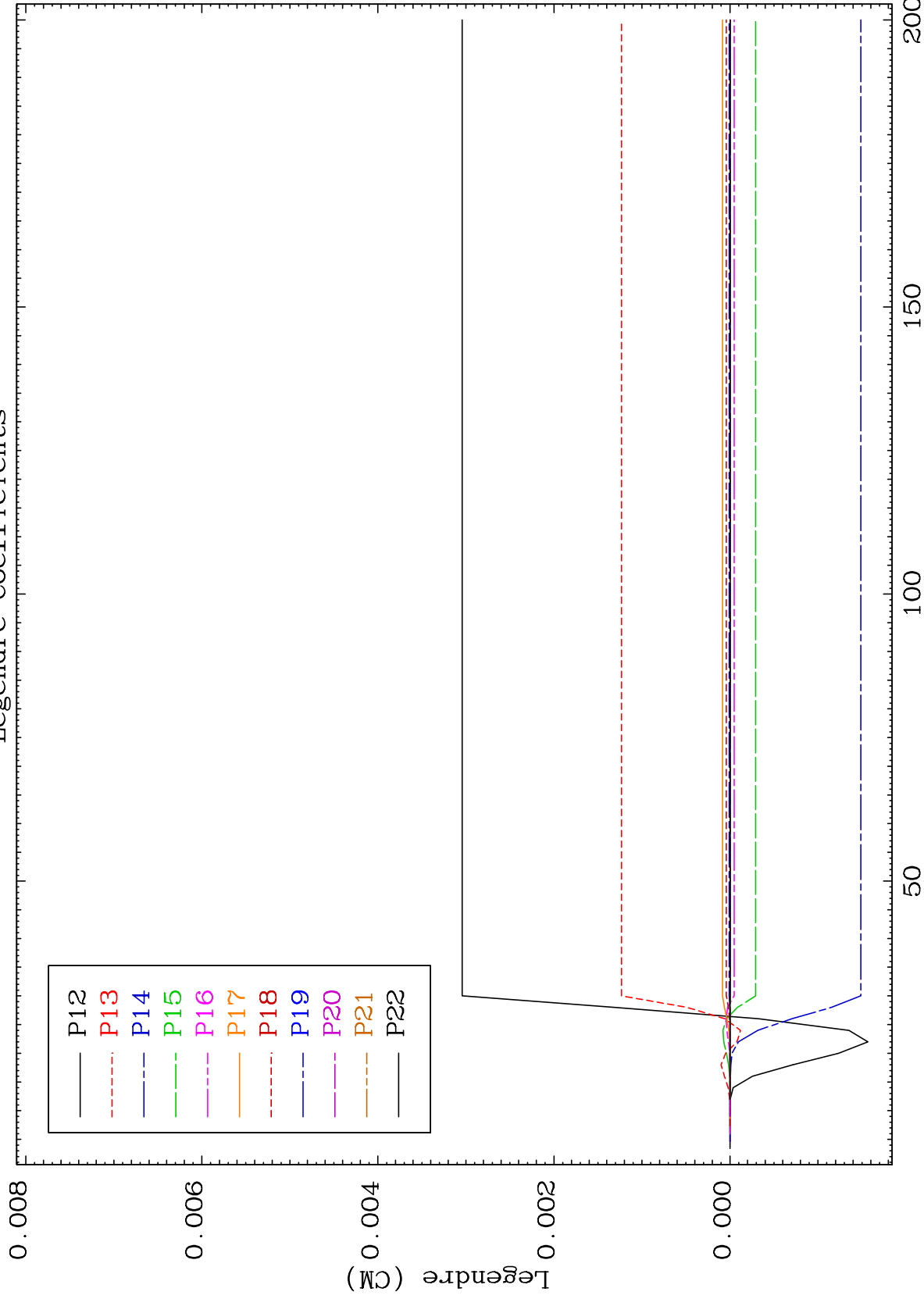
Incident Energy (MeV)

52-Te-111

MAT 5198

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

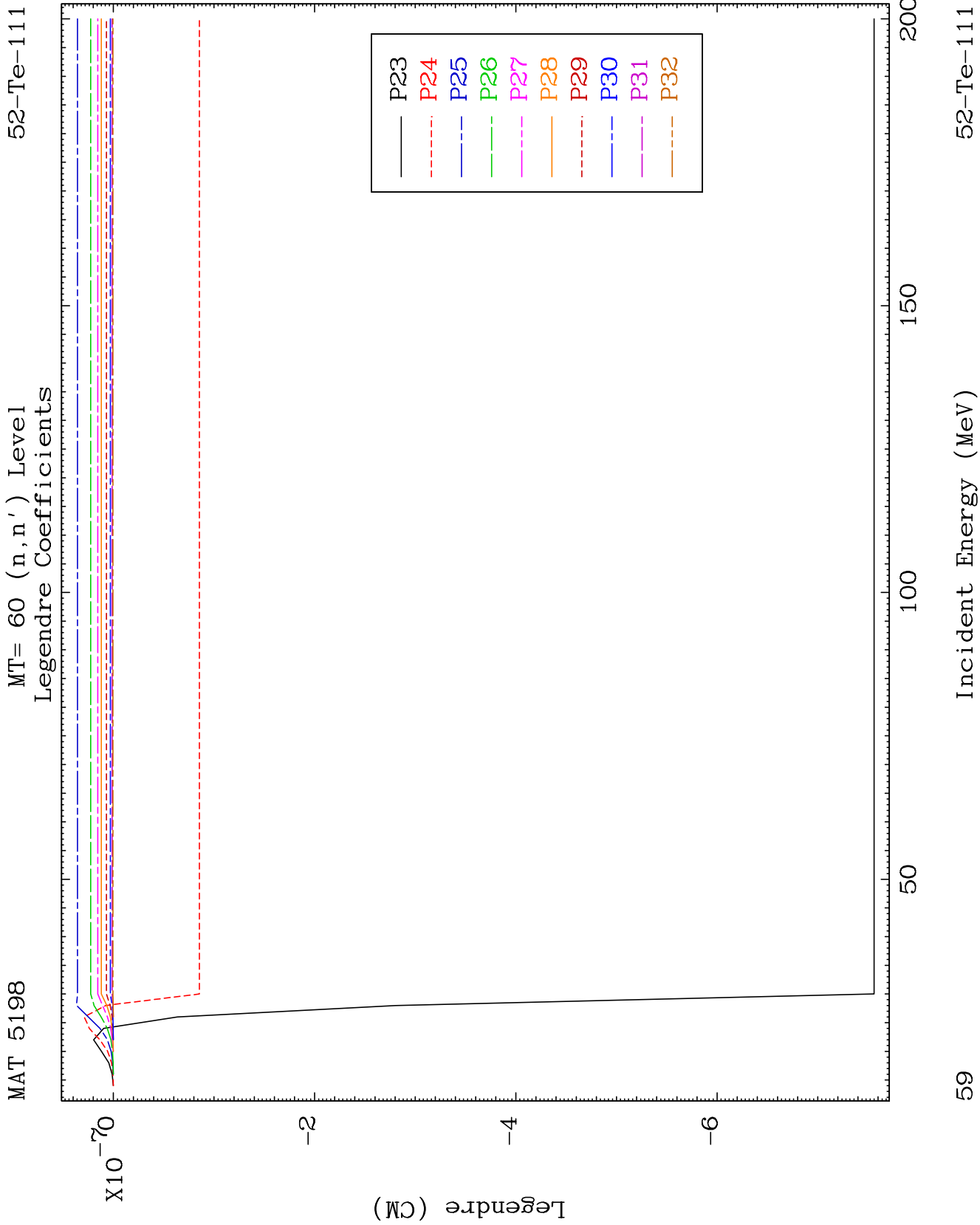
52-Te-111



58

Incident Energy (MeV)

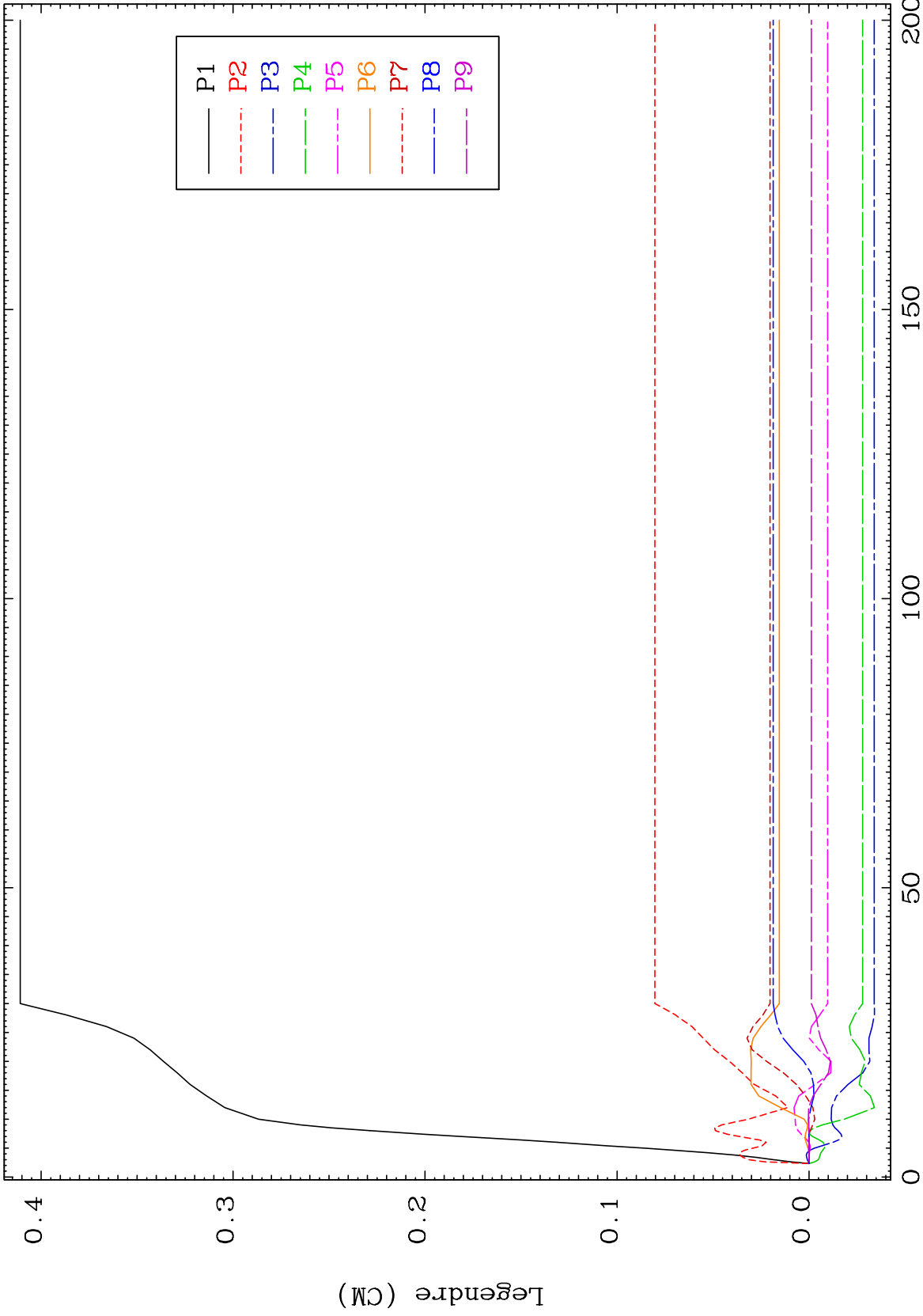
52-Te-111



MAT 5198

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

52-Te-111



60

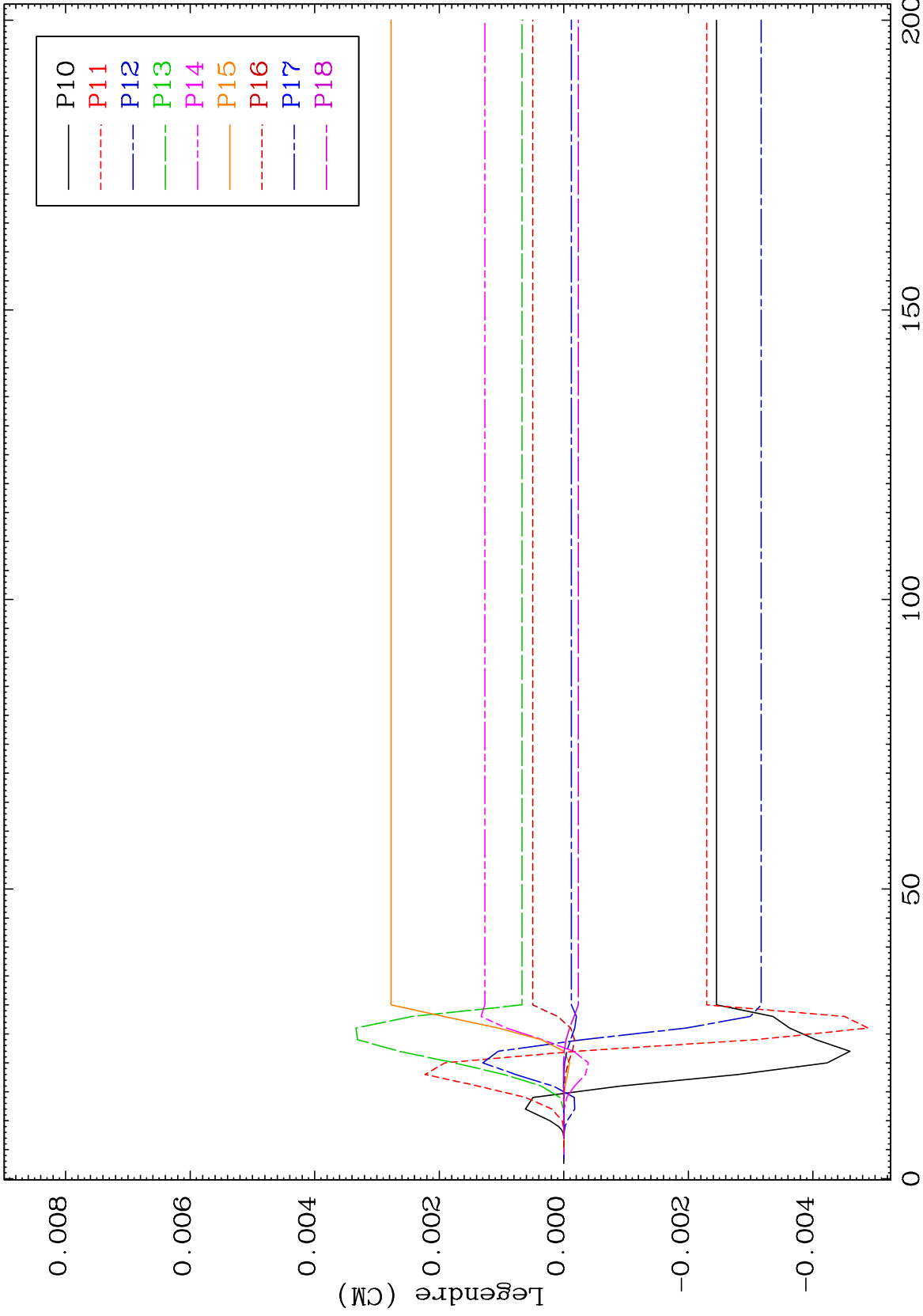
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



61

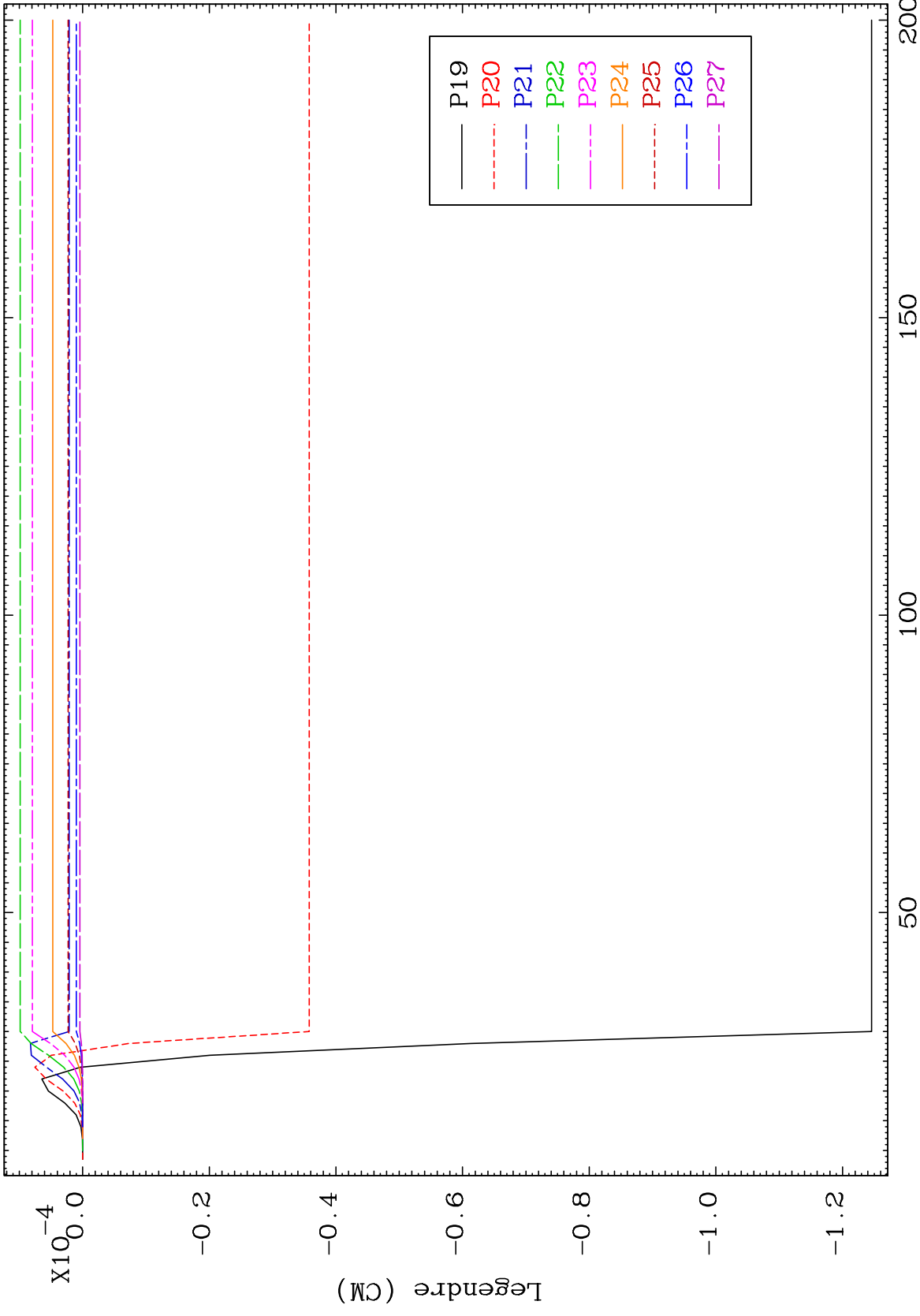
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



52-Te-111

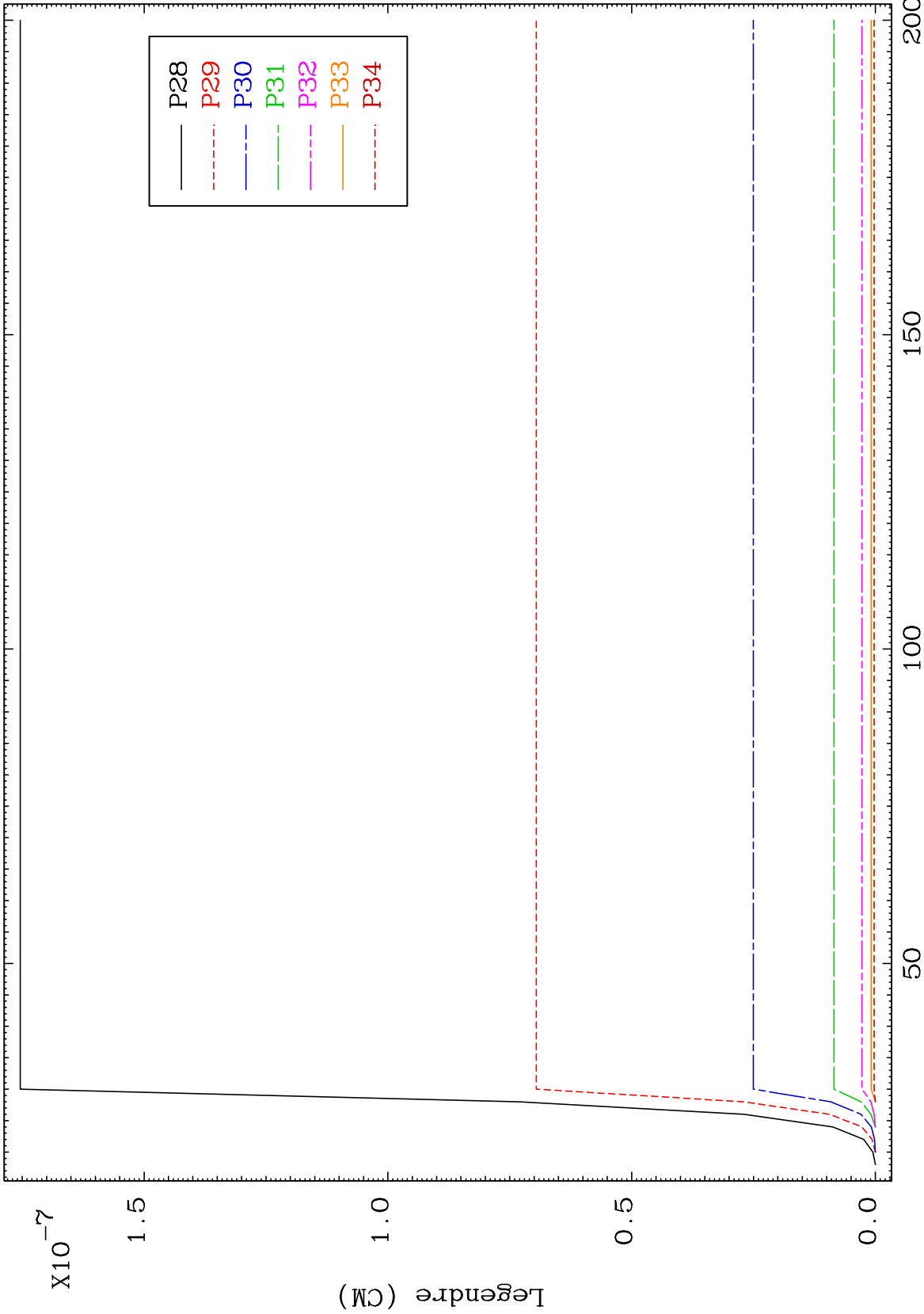
Incident Energy (MeV)

62

MAT 5198

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

52-Te-111



63

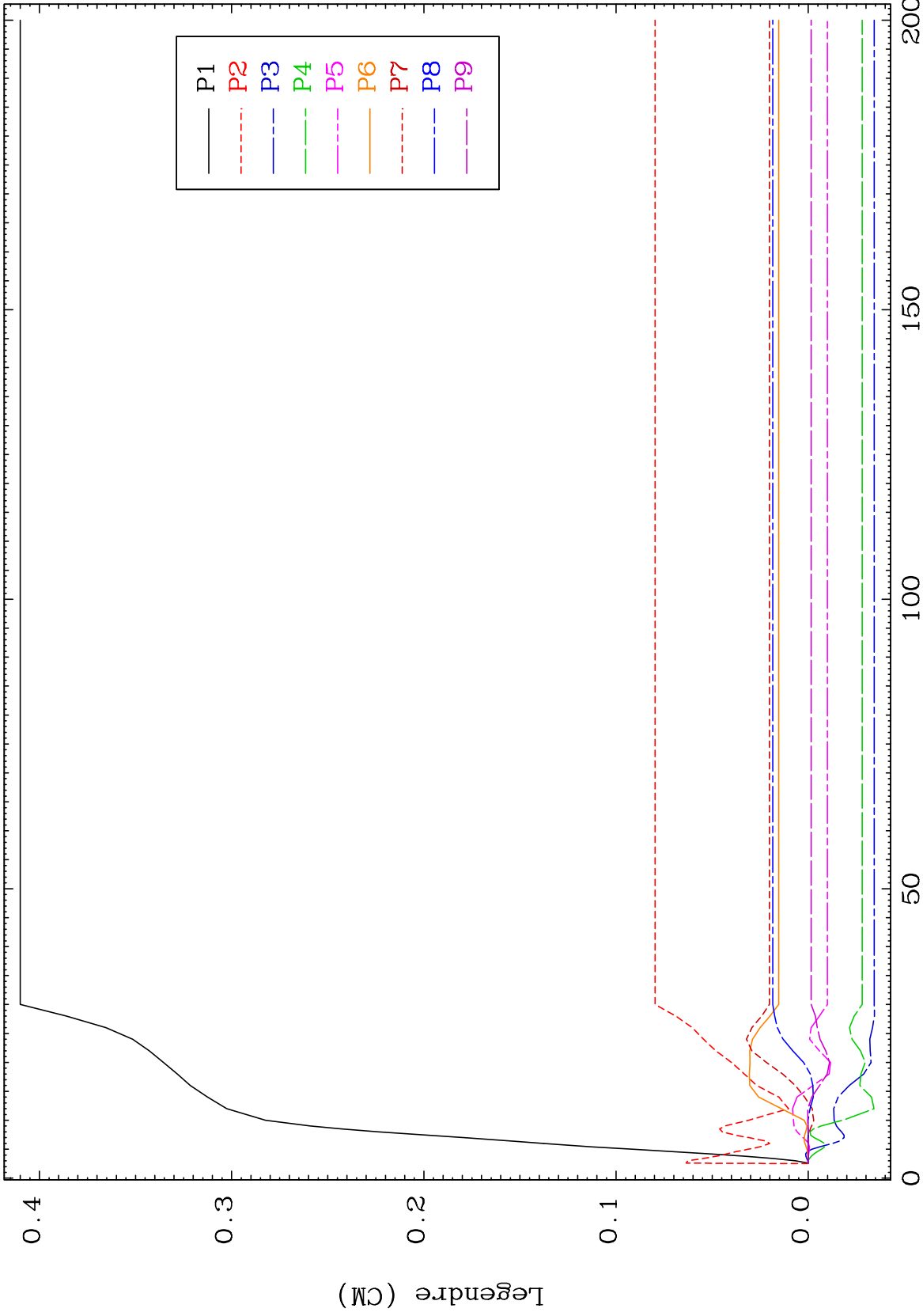
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



64

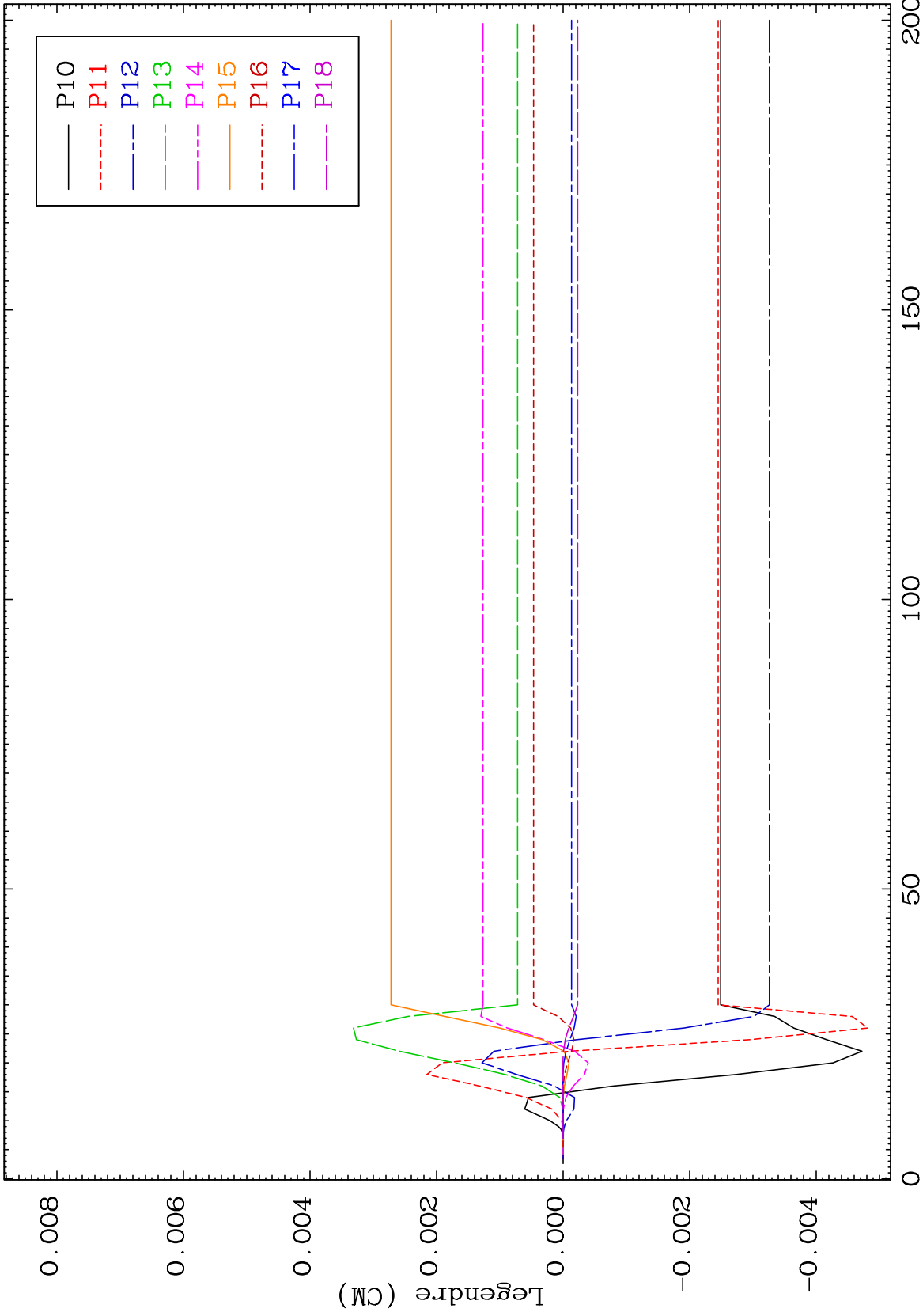
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



65

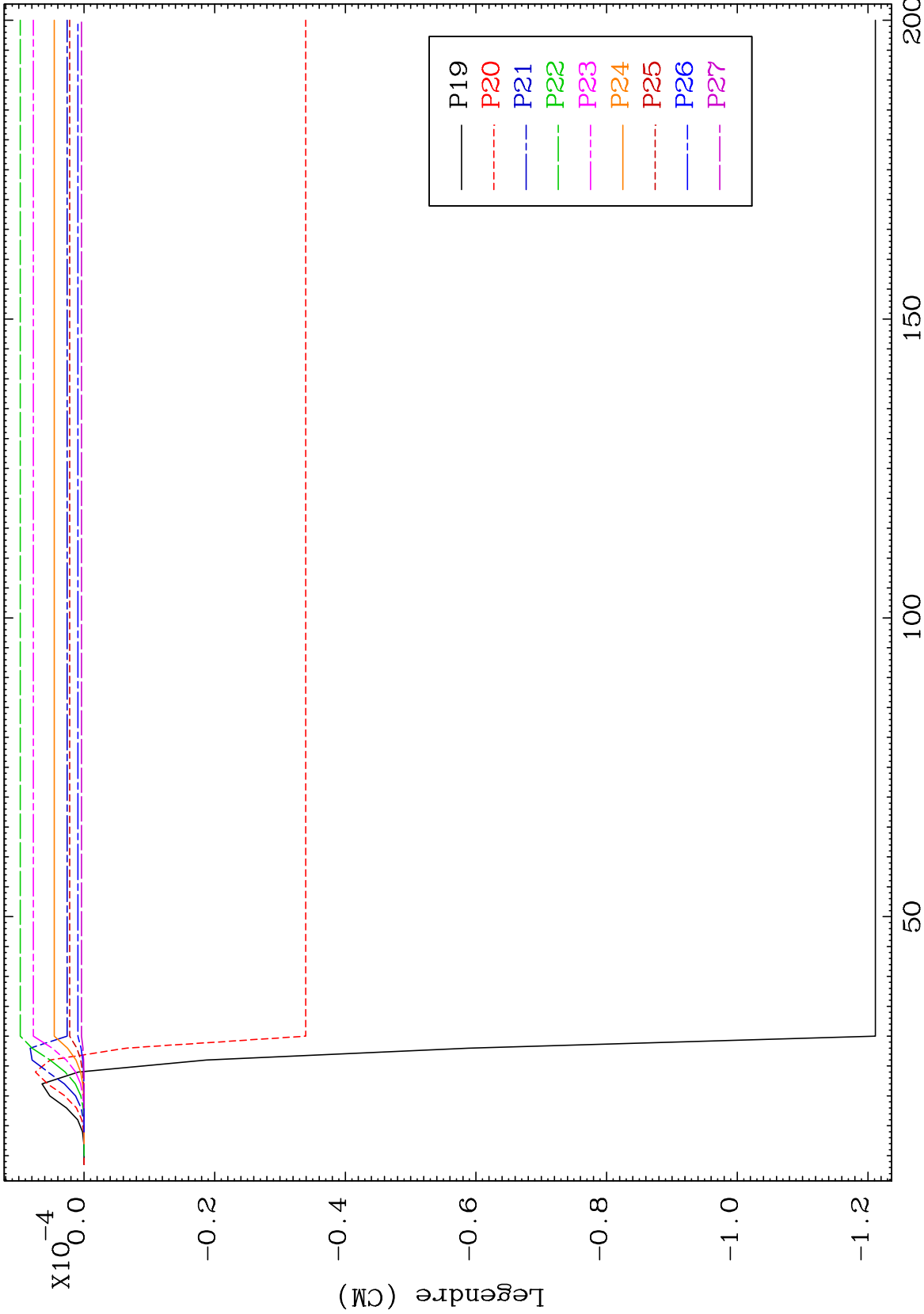
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



52-Te-111

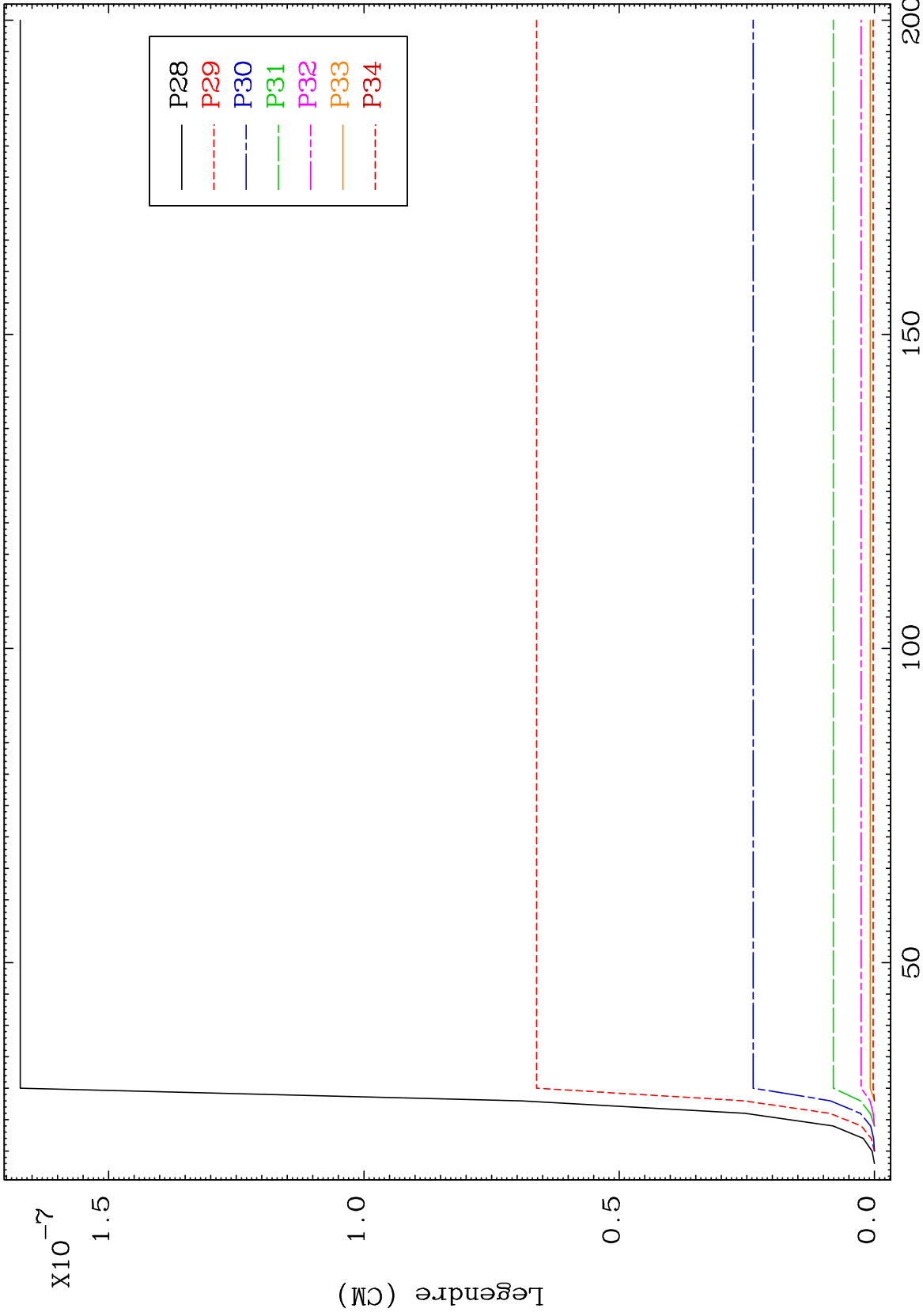
Incident Energy (MeV)

66

MAT 5198

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

52-Te-111



67

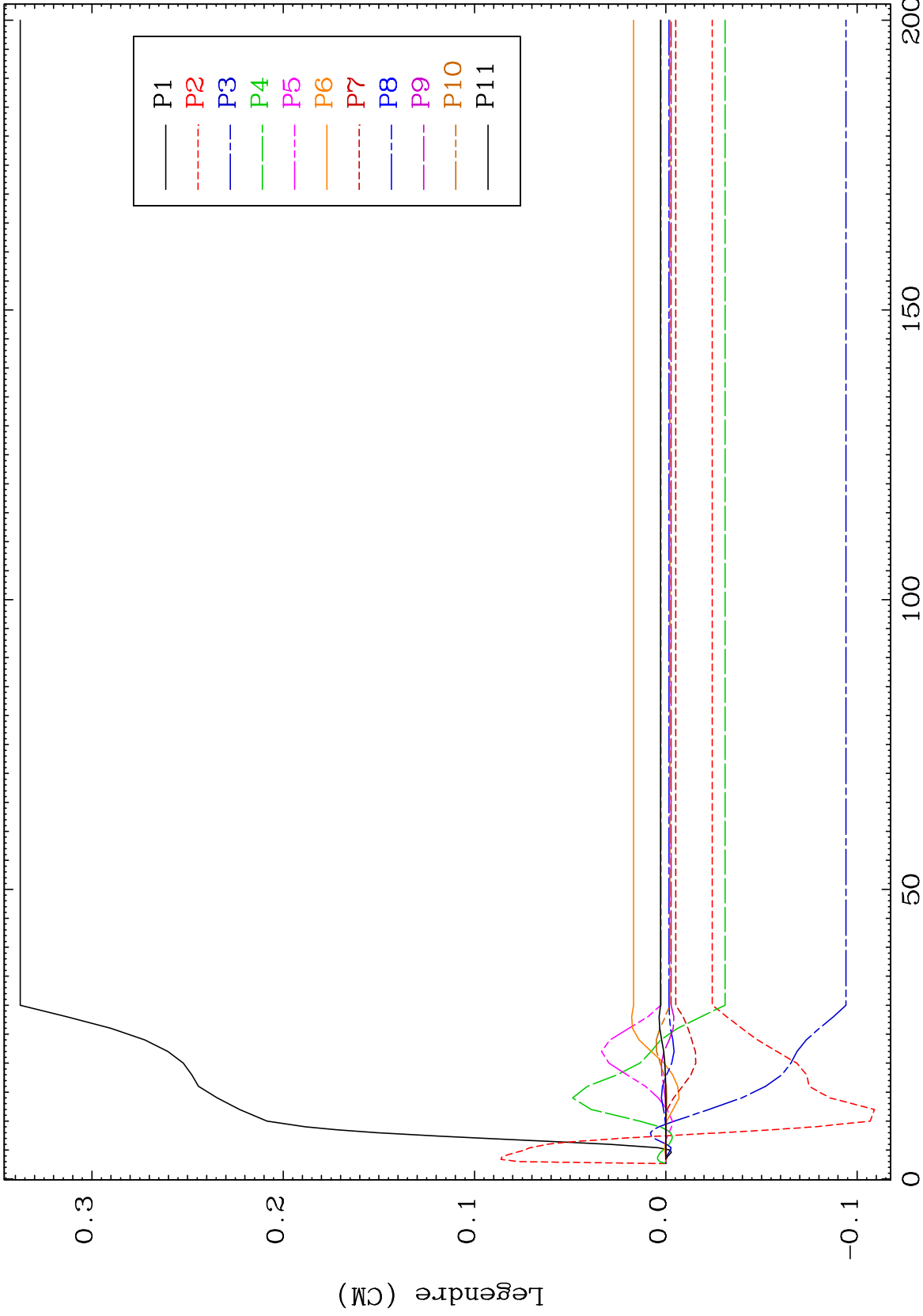
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



68

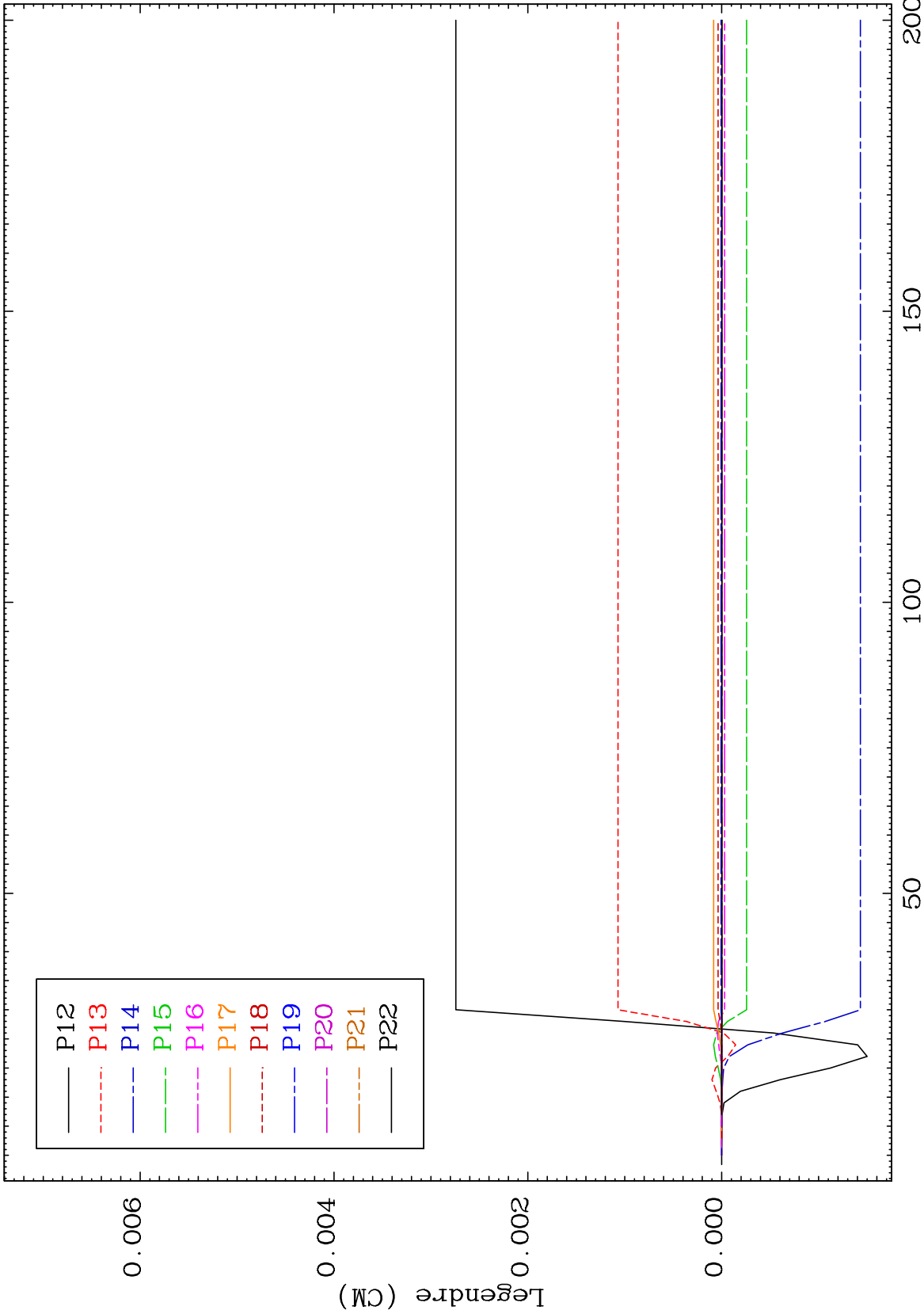
Incident Energy (MeV)

52-Te-111

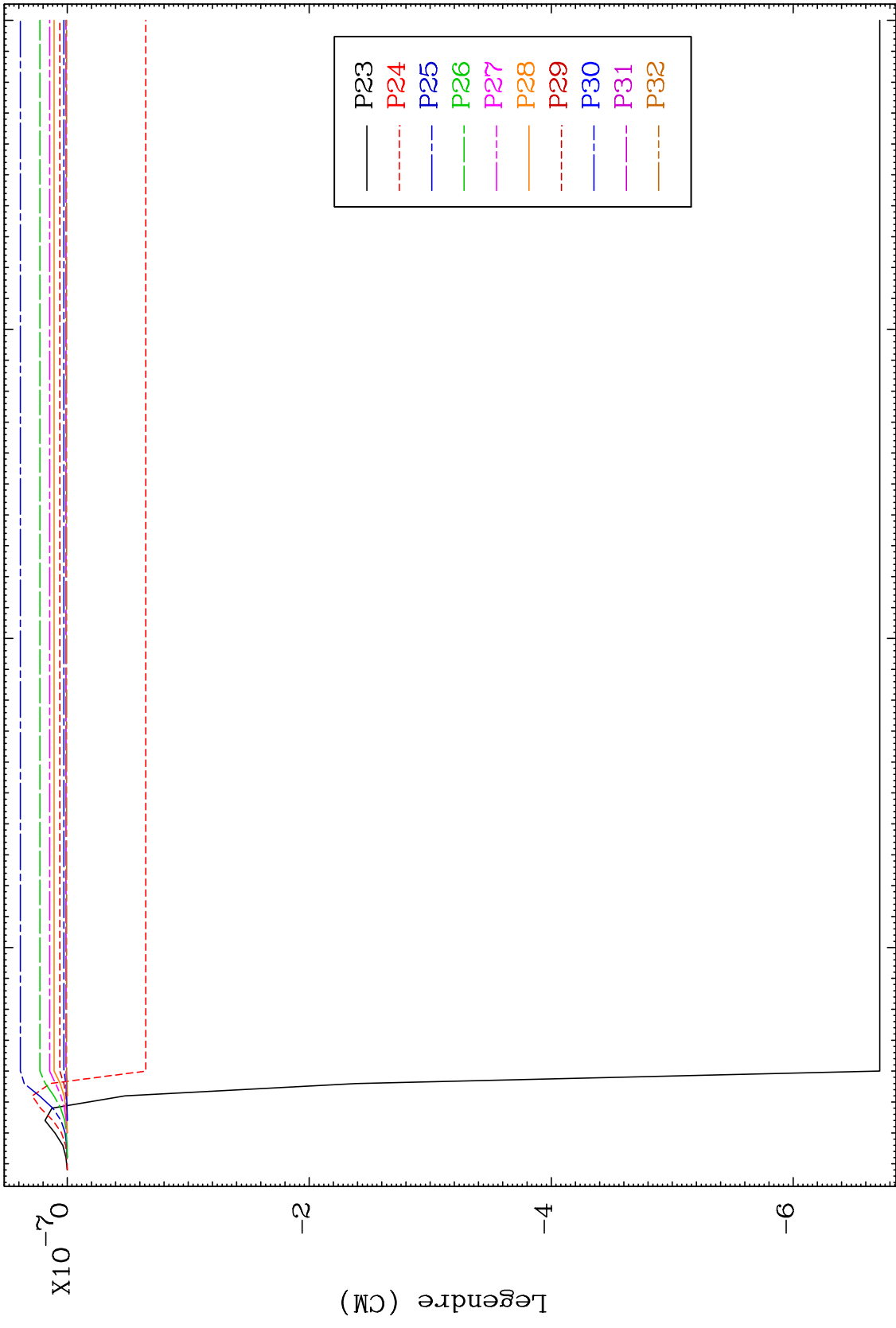
MAT 5198

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

52-Te-111



MAT 5198 MT= 63 (n,n') Level Legendre Coefficients 52-Te-111

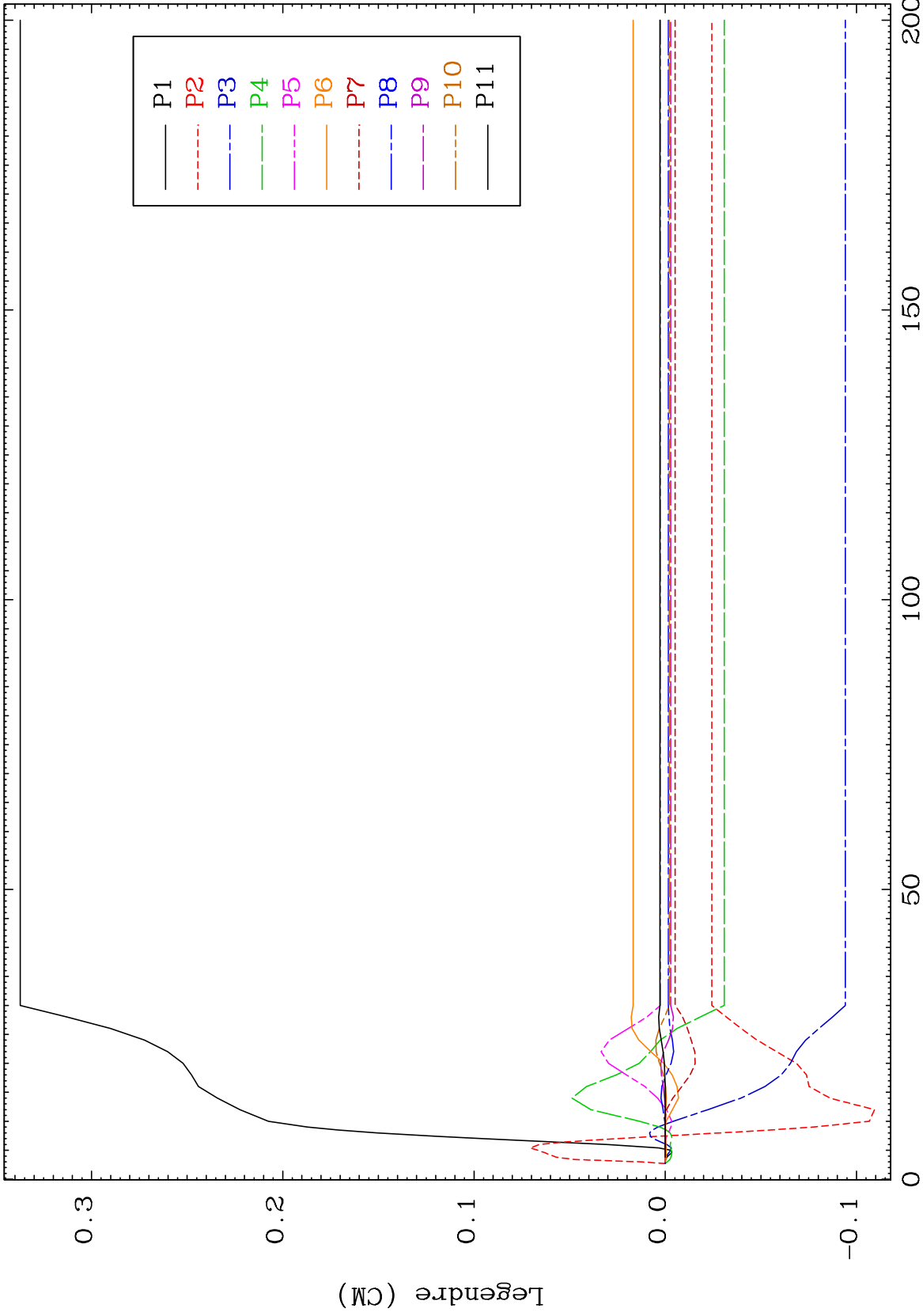


70 50 100 150 200 52-Te-111

MAT 5198

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

52-Te-111



71

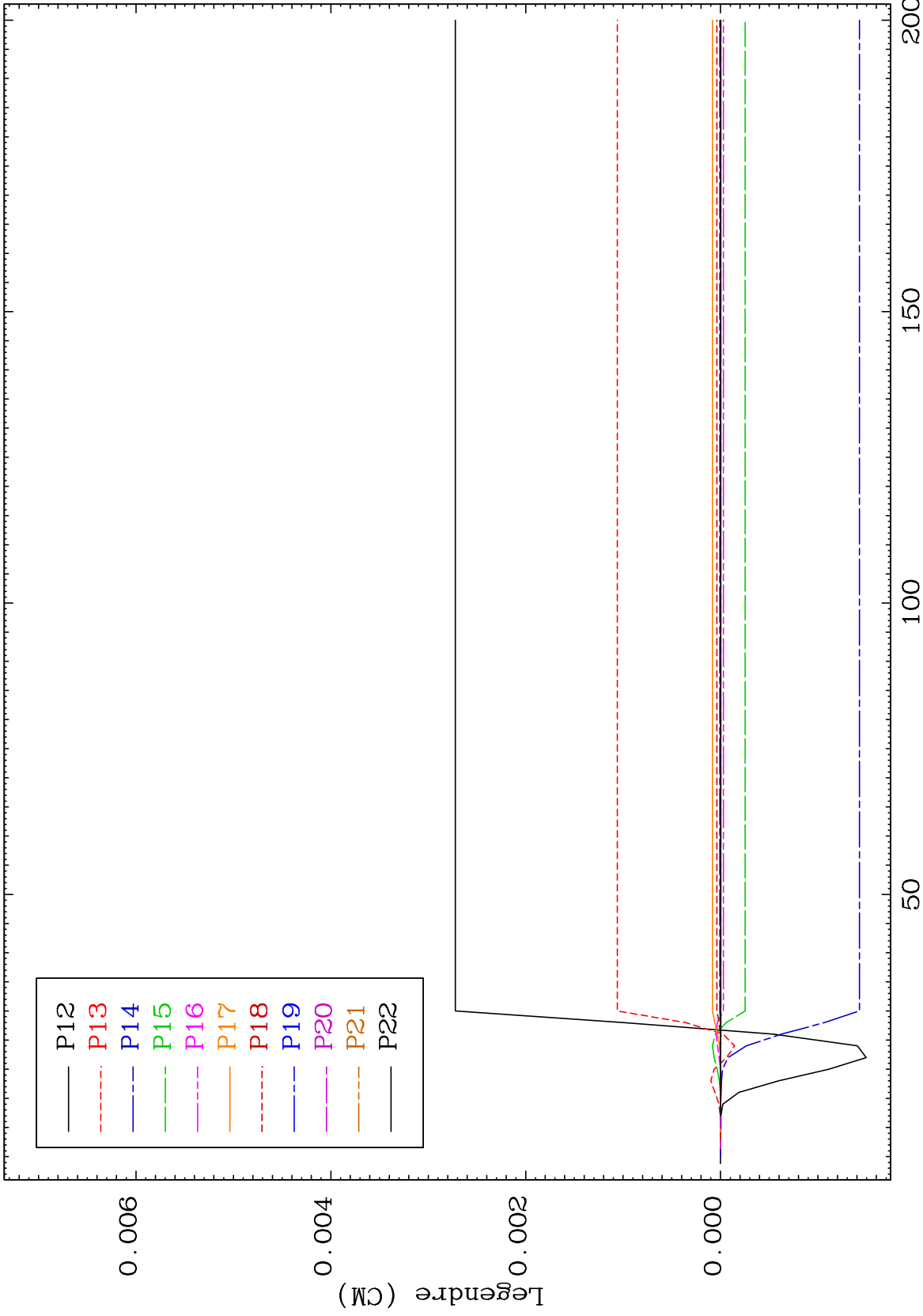
Incident Energy (MeV)

52-Te-111

MAT 5198

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

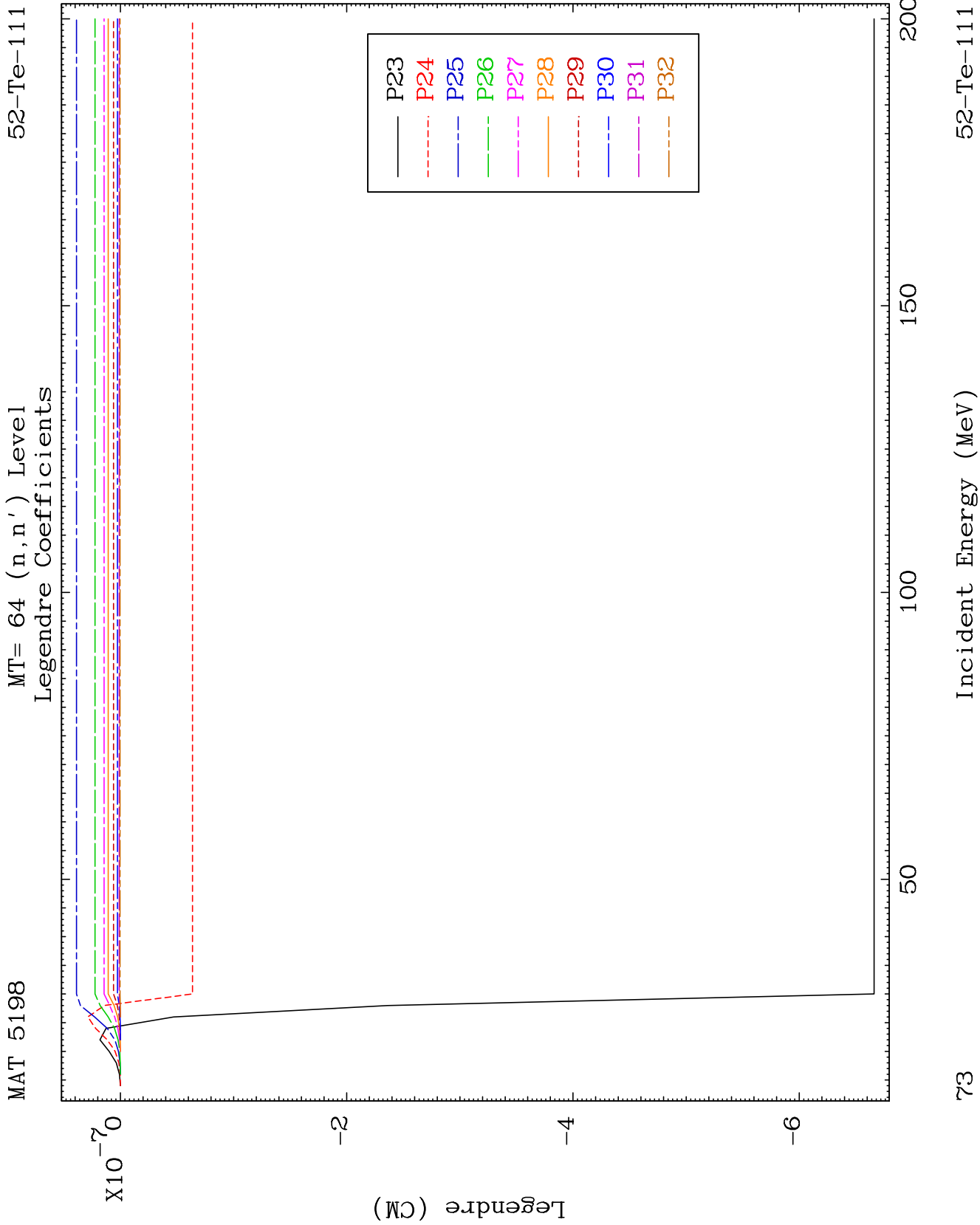
52-Te-111



72

Incident Energy (MeV)

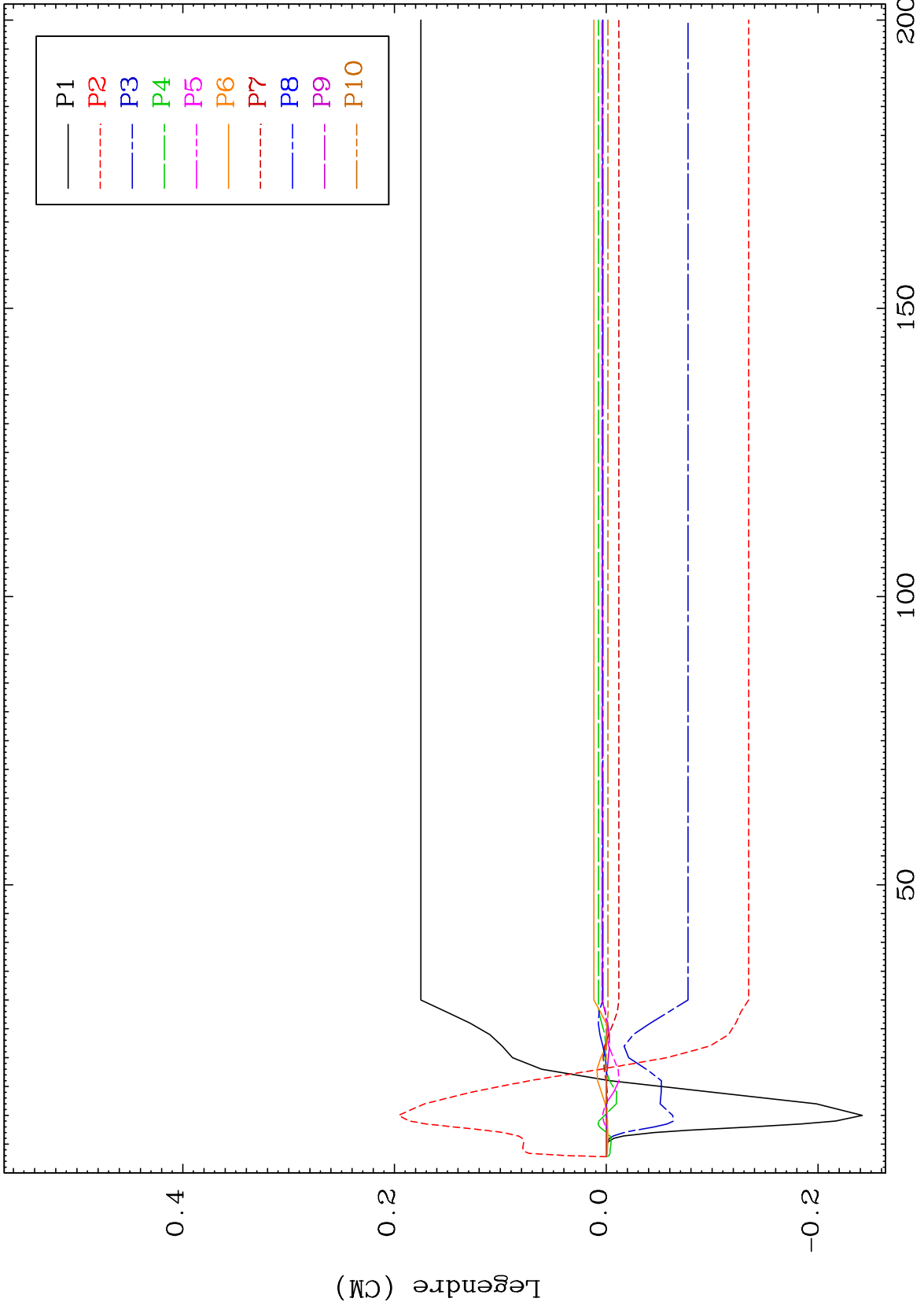
52-Te-111



MAT 5198

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

52-Te-111



74

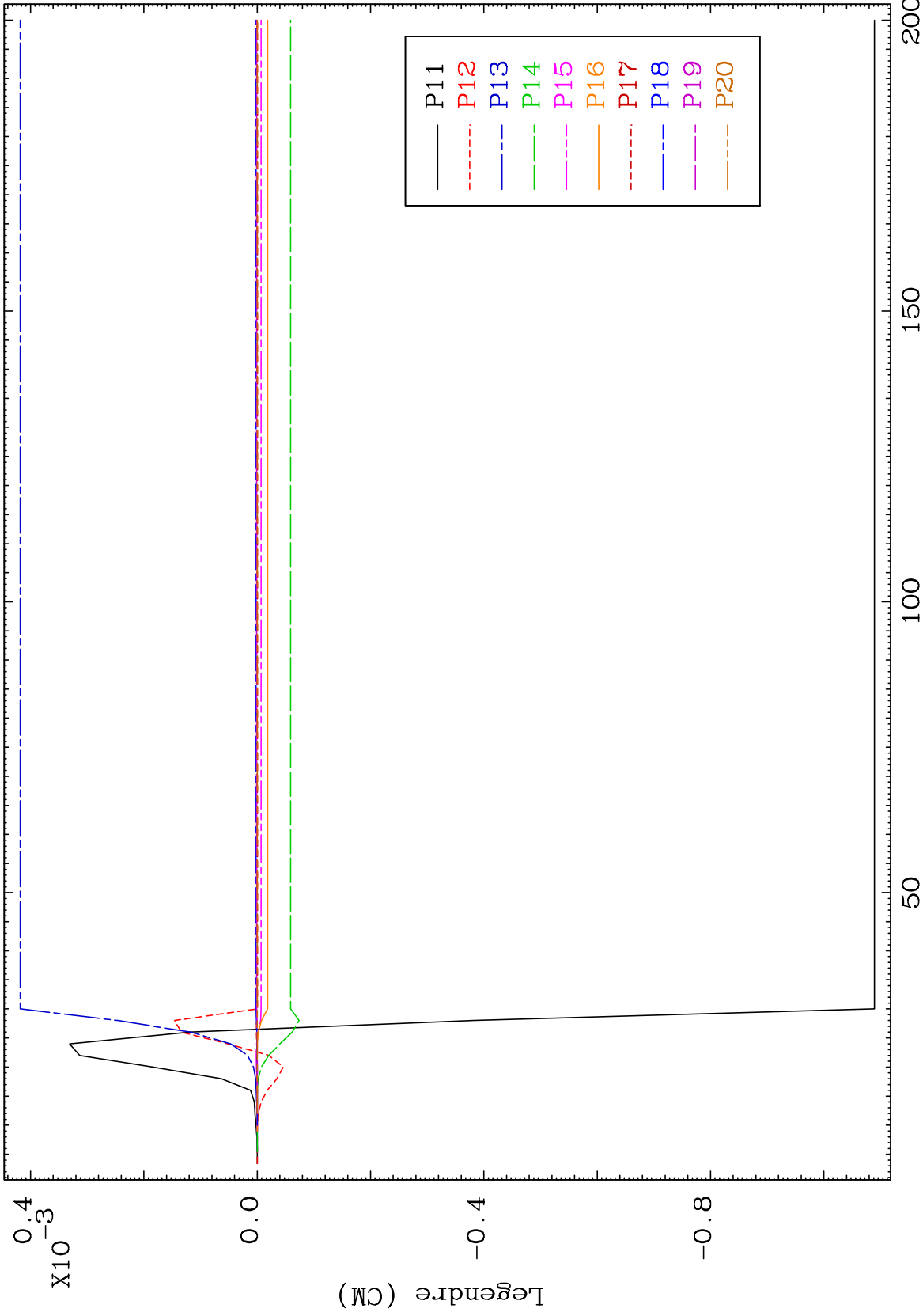
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



75

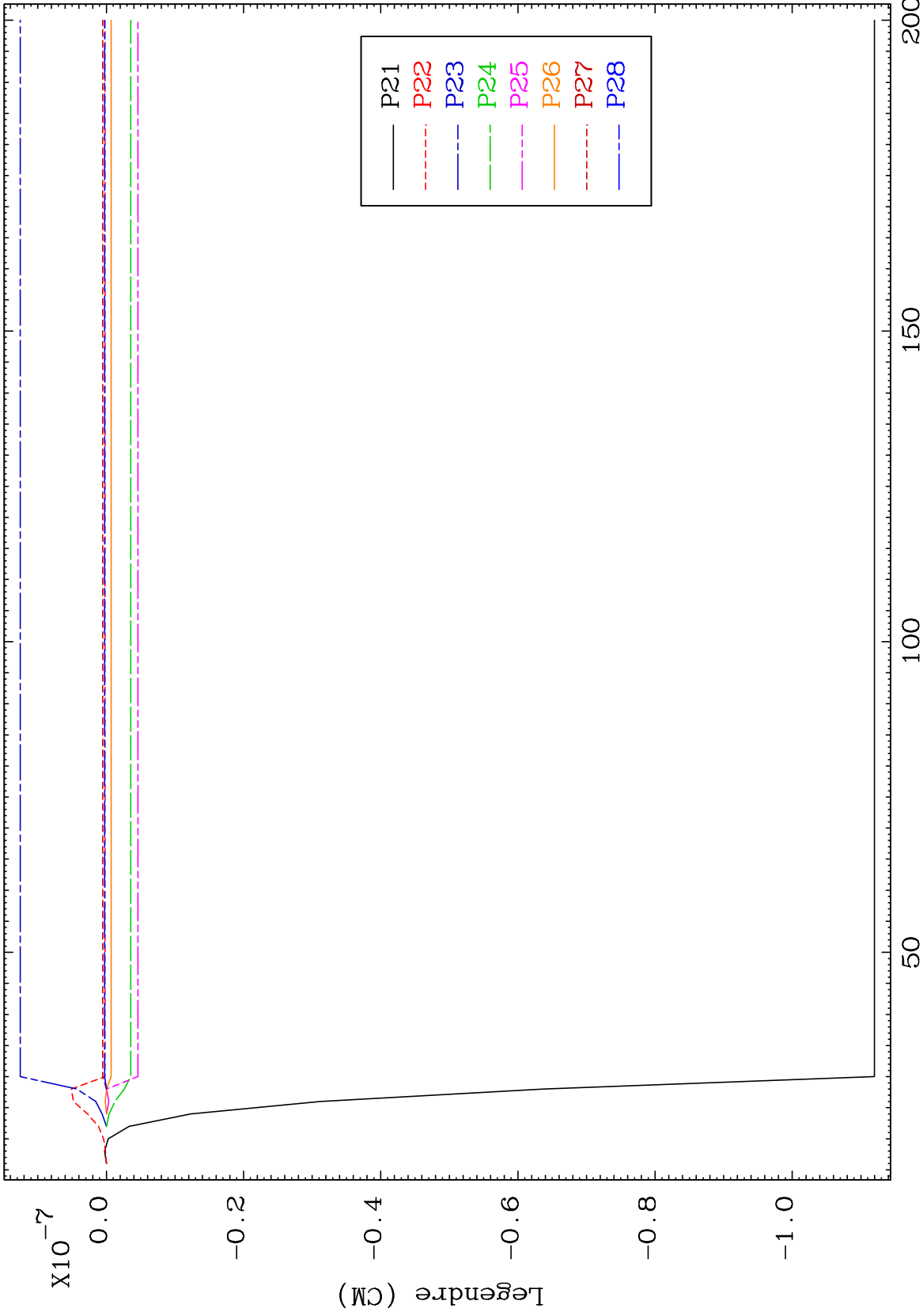
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



76

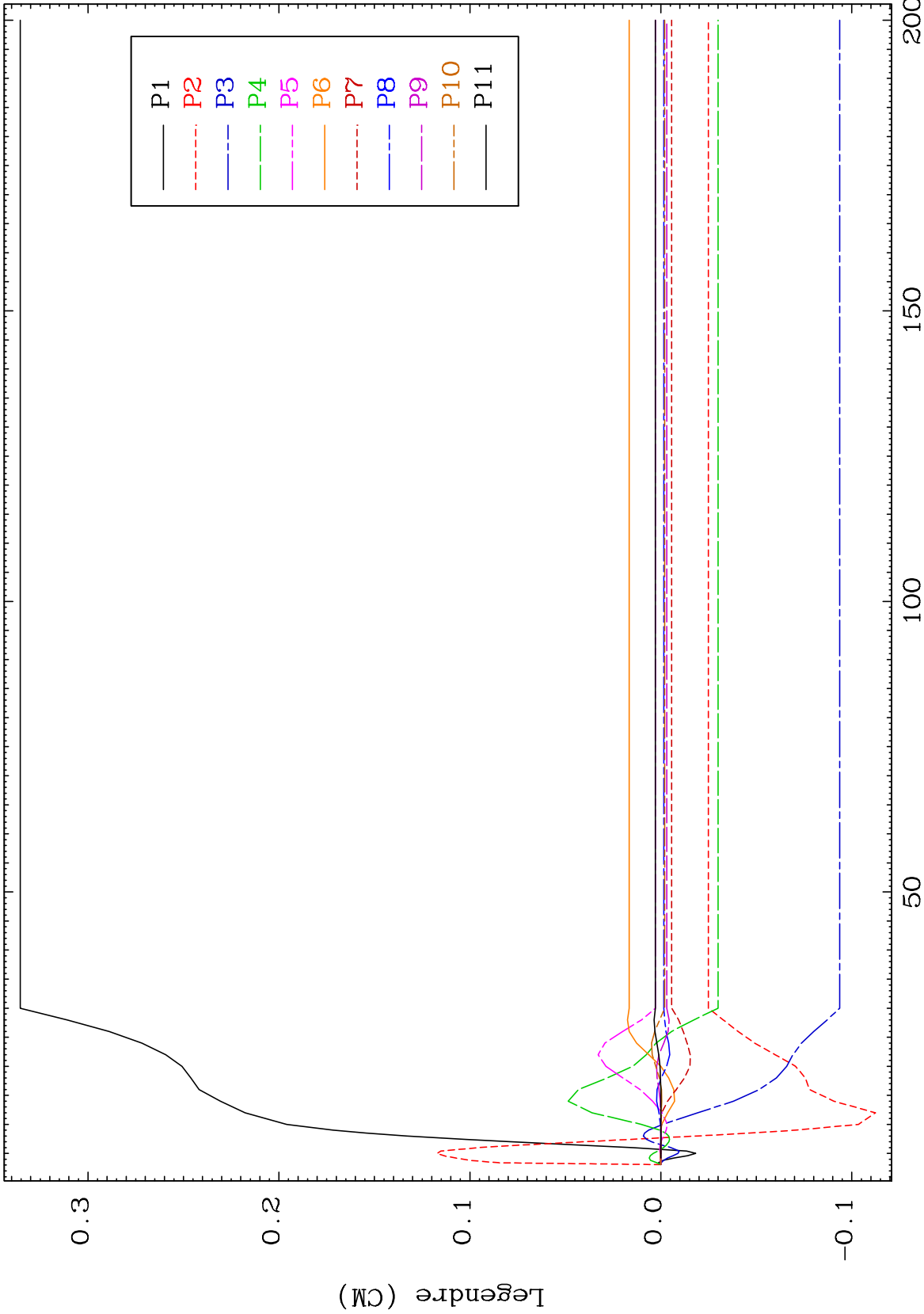
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



77

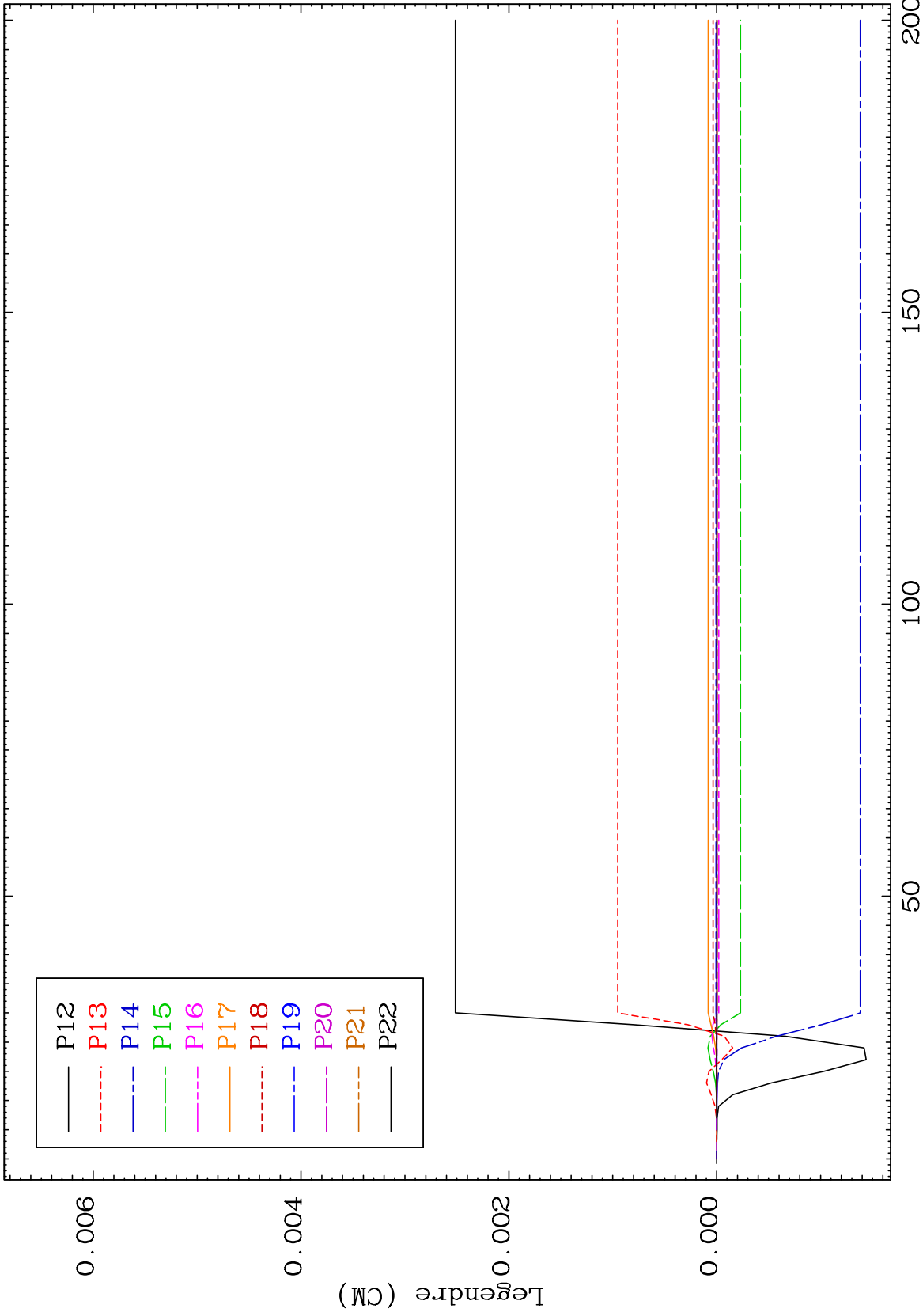
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



78

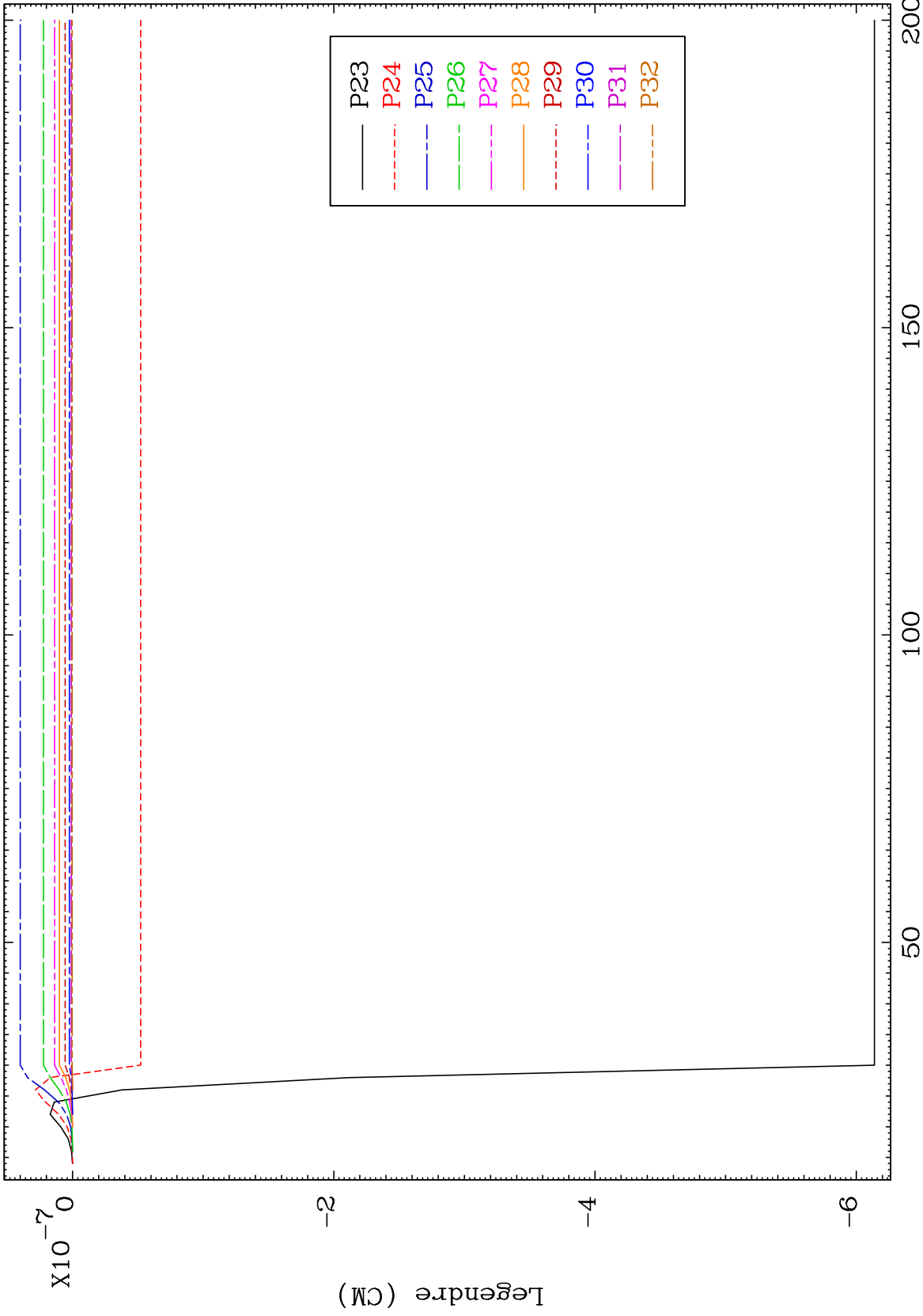
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



52-Te-111

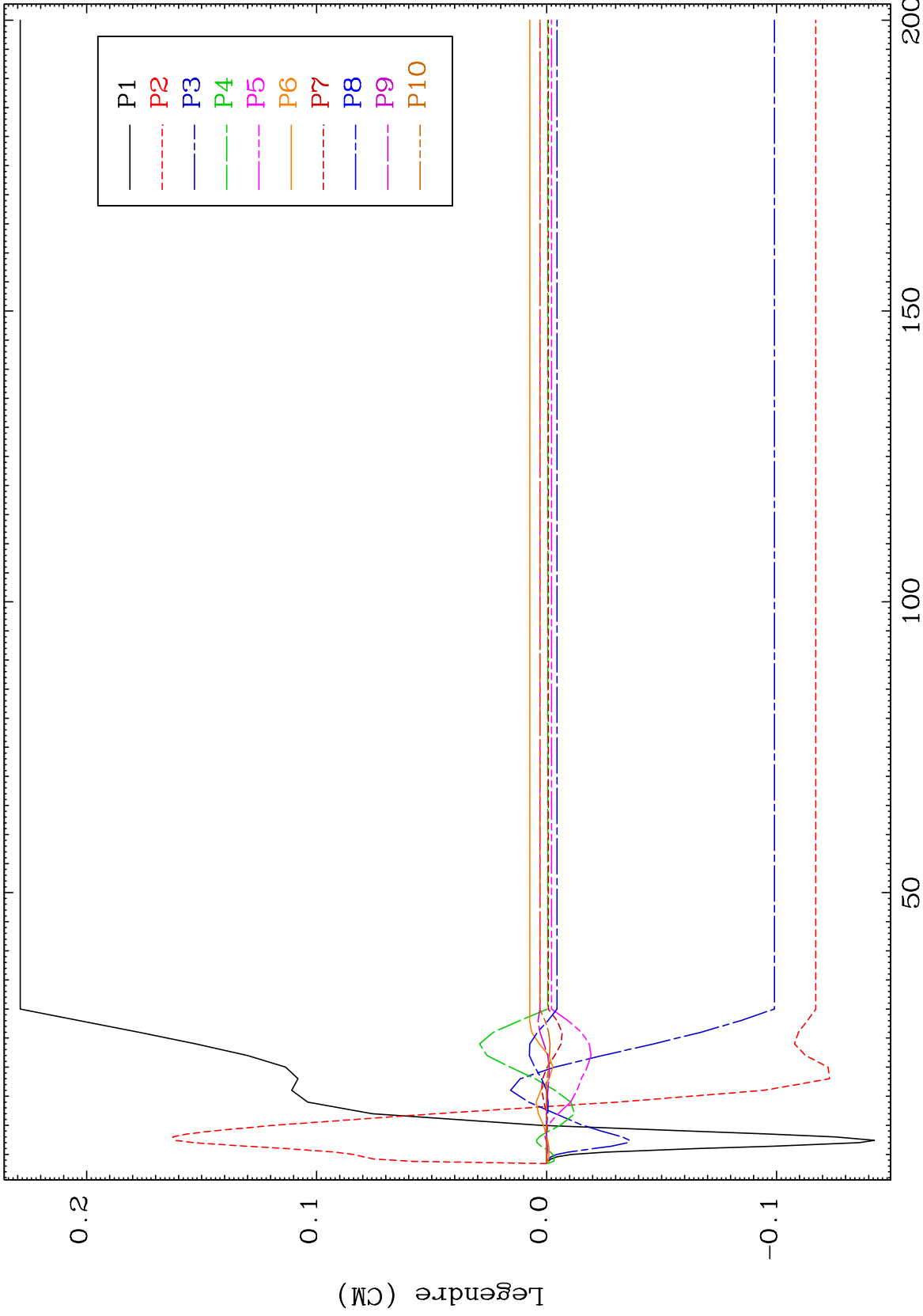
Incident Energy (MeV)

79

MAT 5198

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

52-Te-111



80

Incident Energy (MeV)

50

100

150

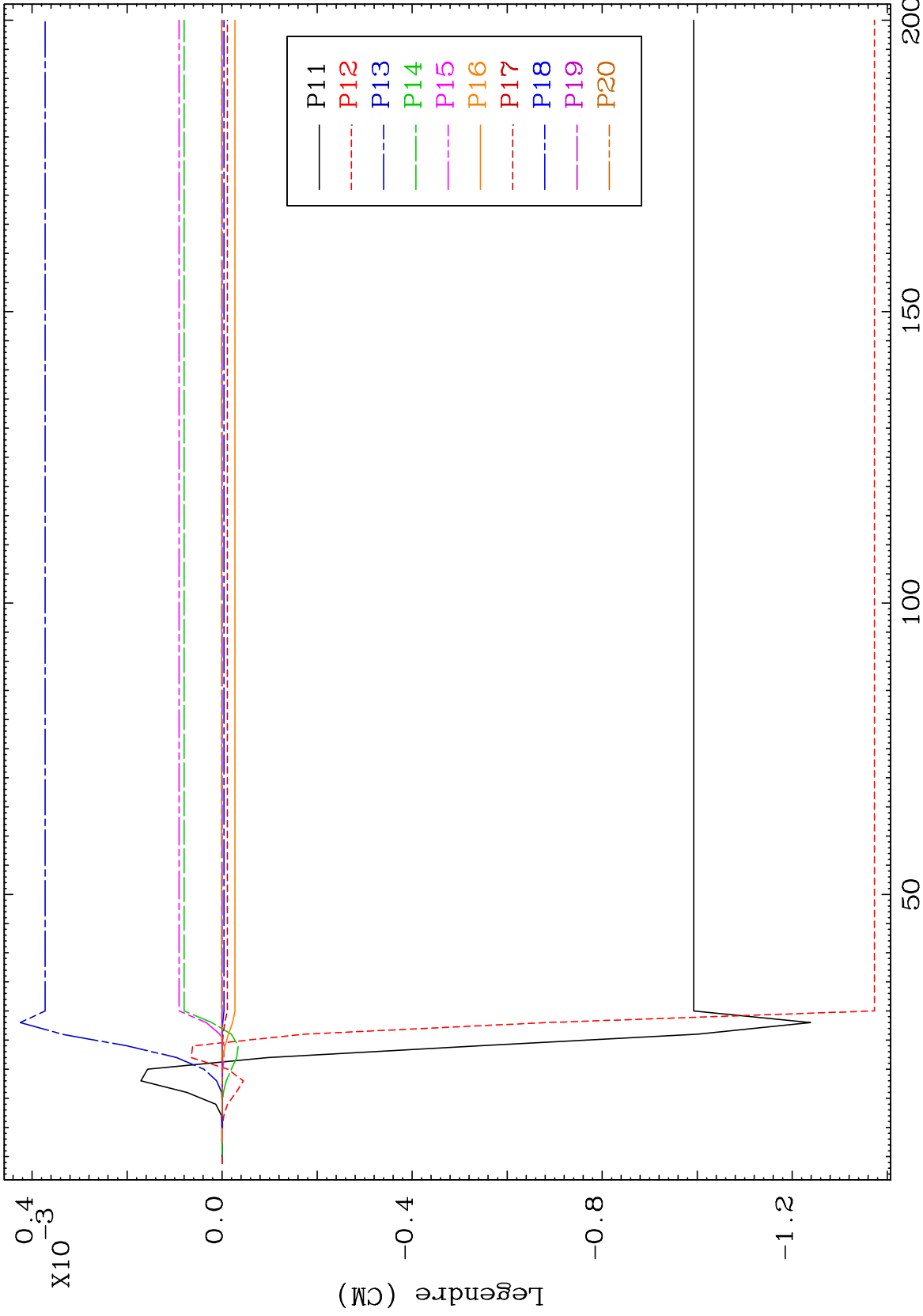
200

52-Te-111

MAT 5198

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

52-Te-111



81

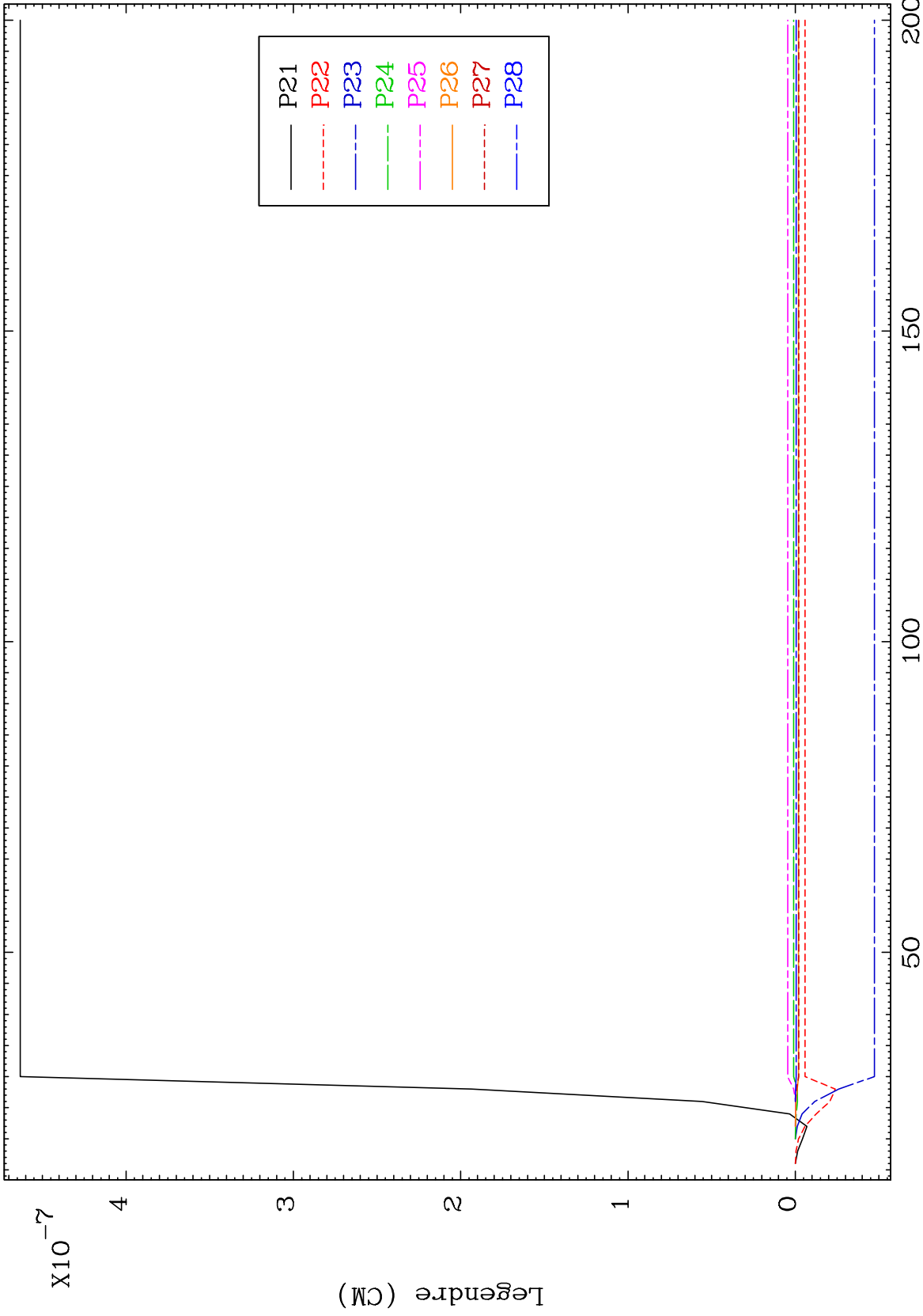
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



82

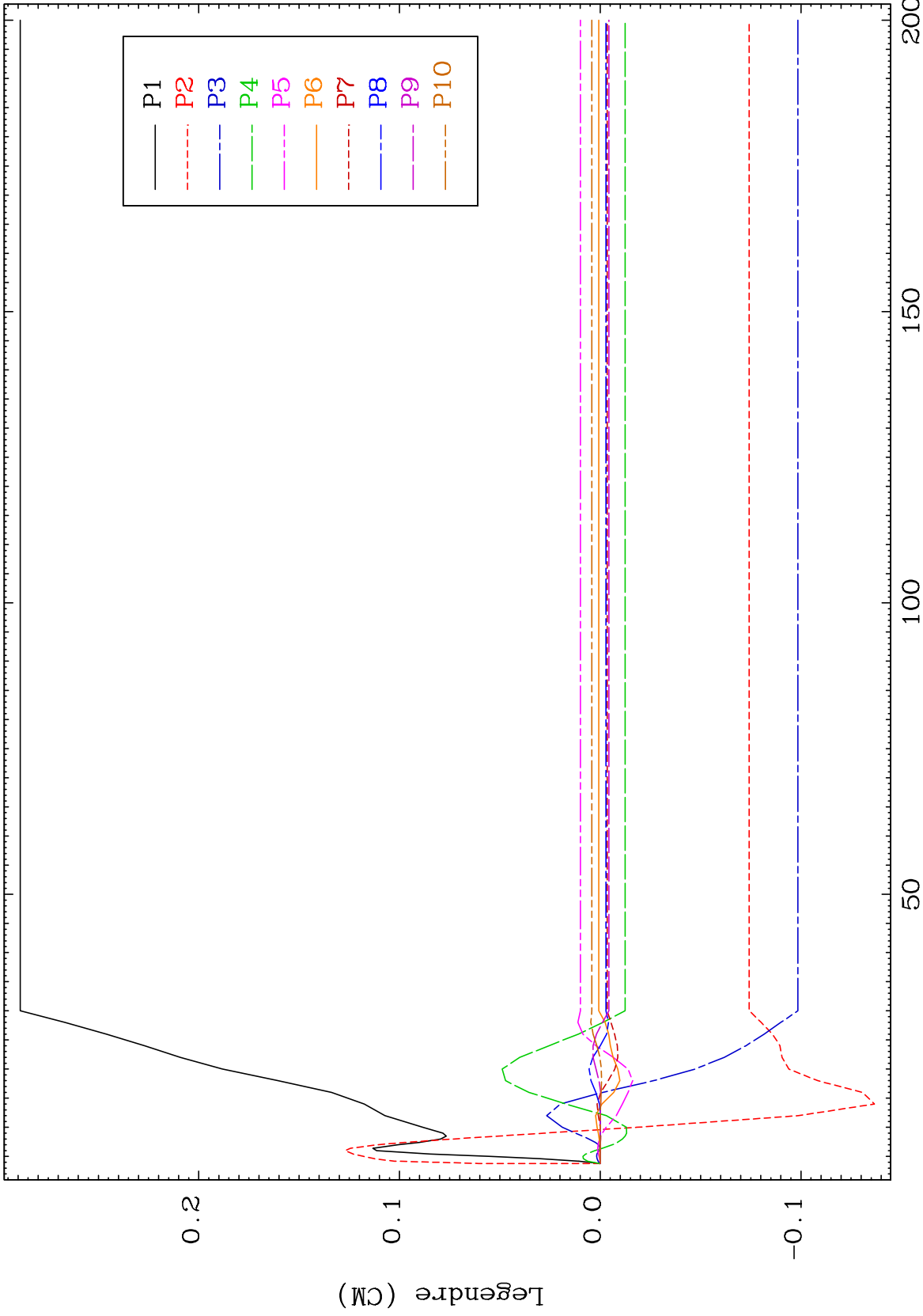
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



83

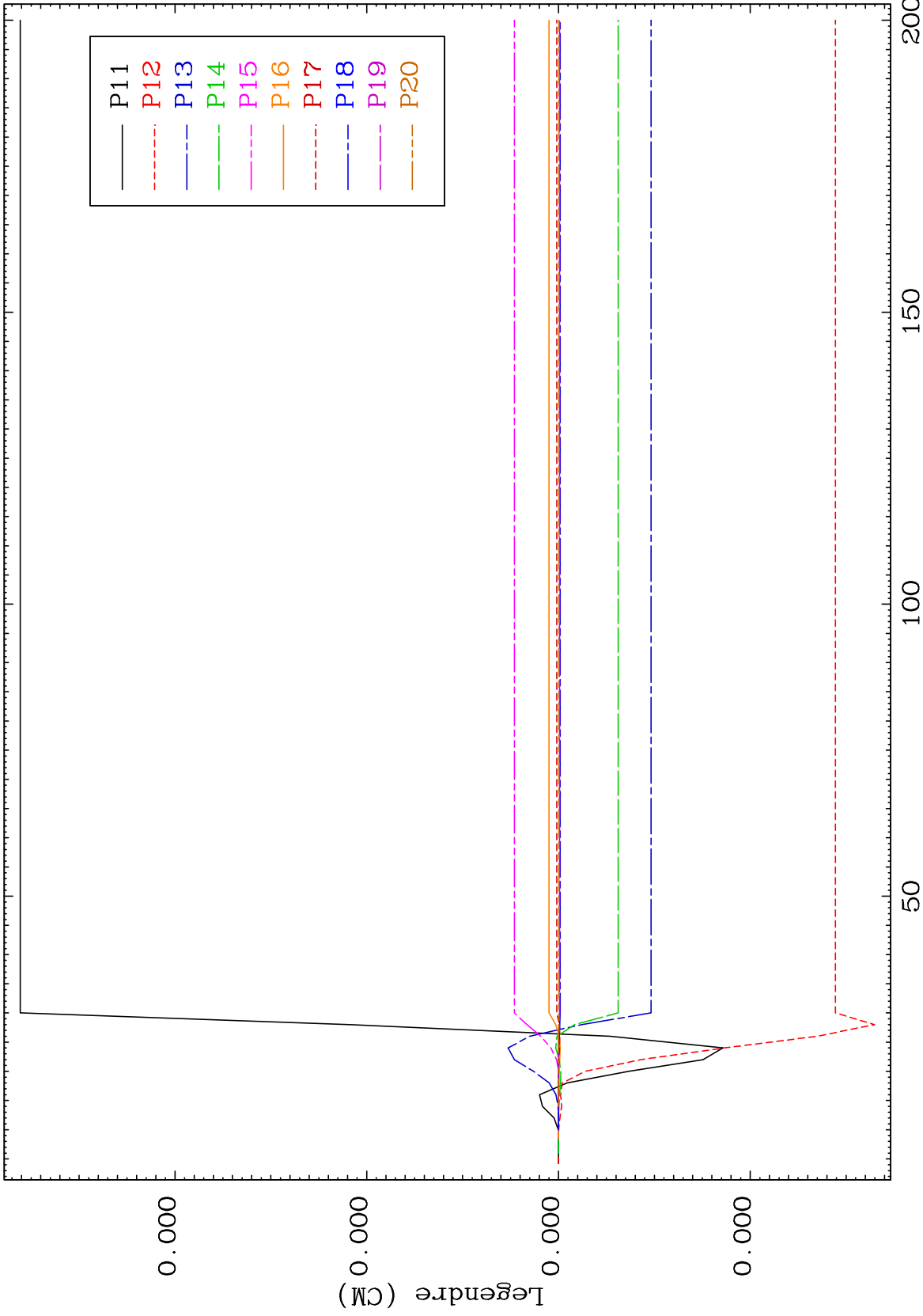
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



84

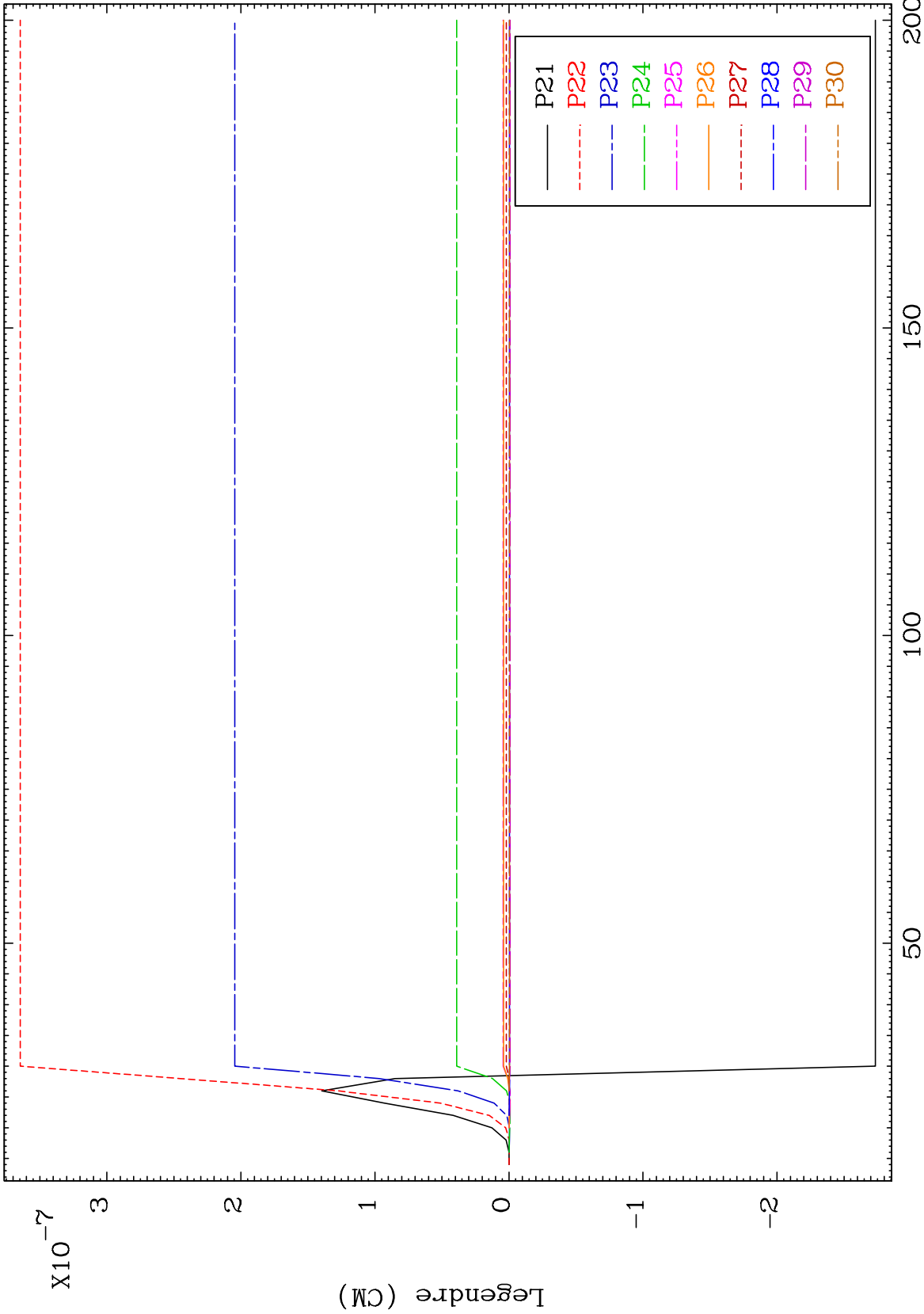
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



85

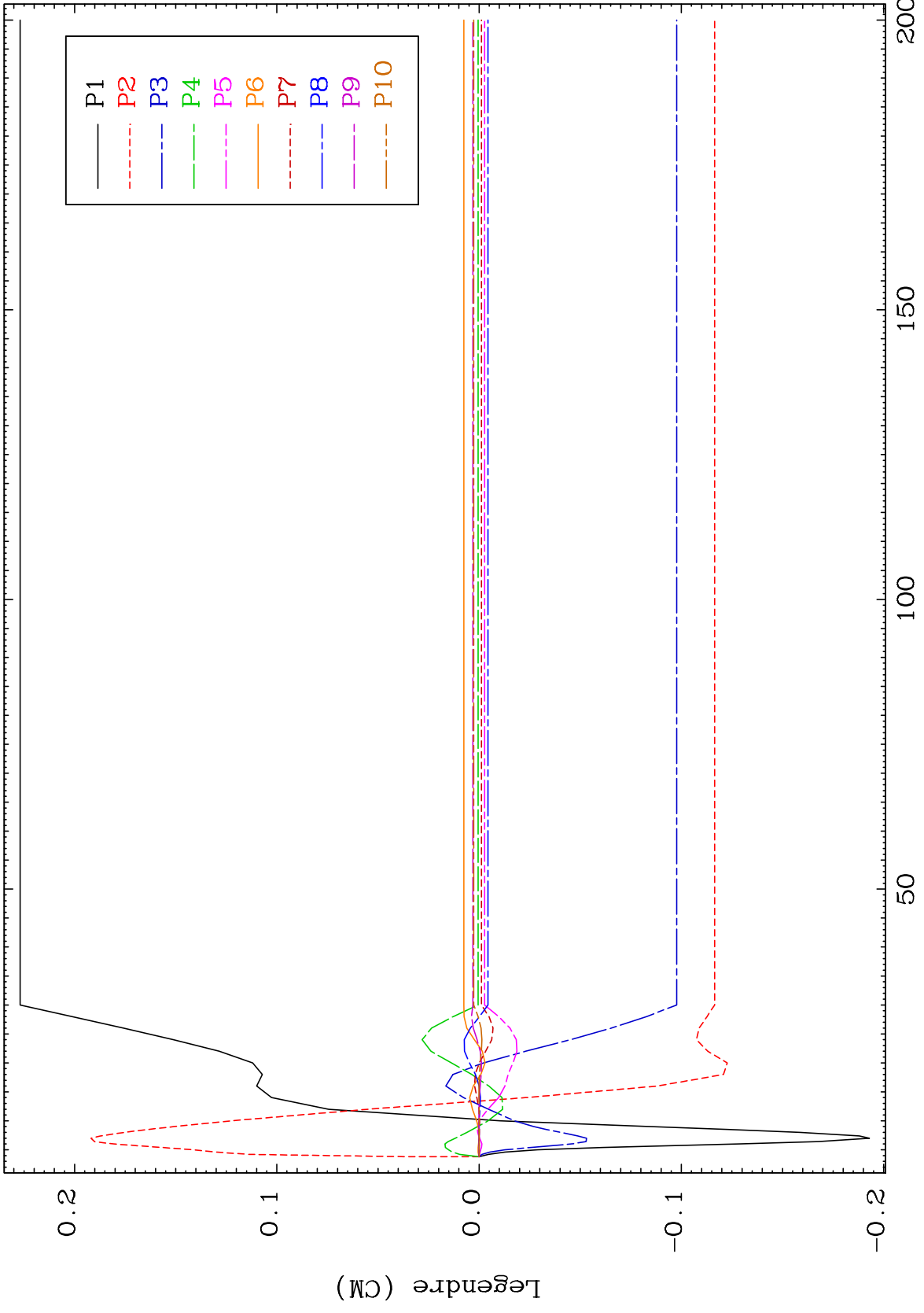
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



86

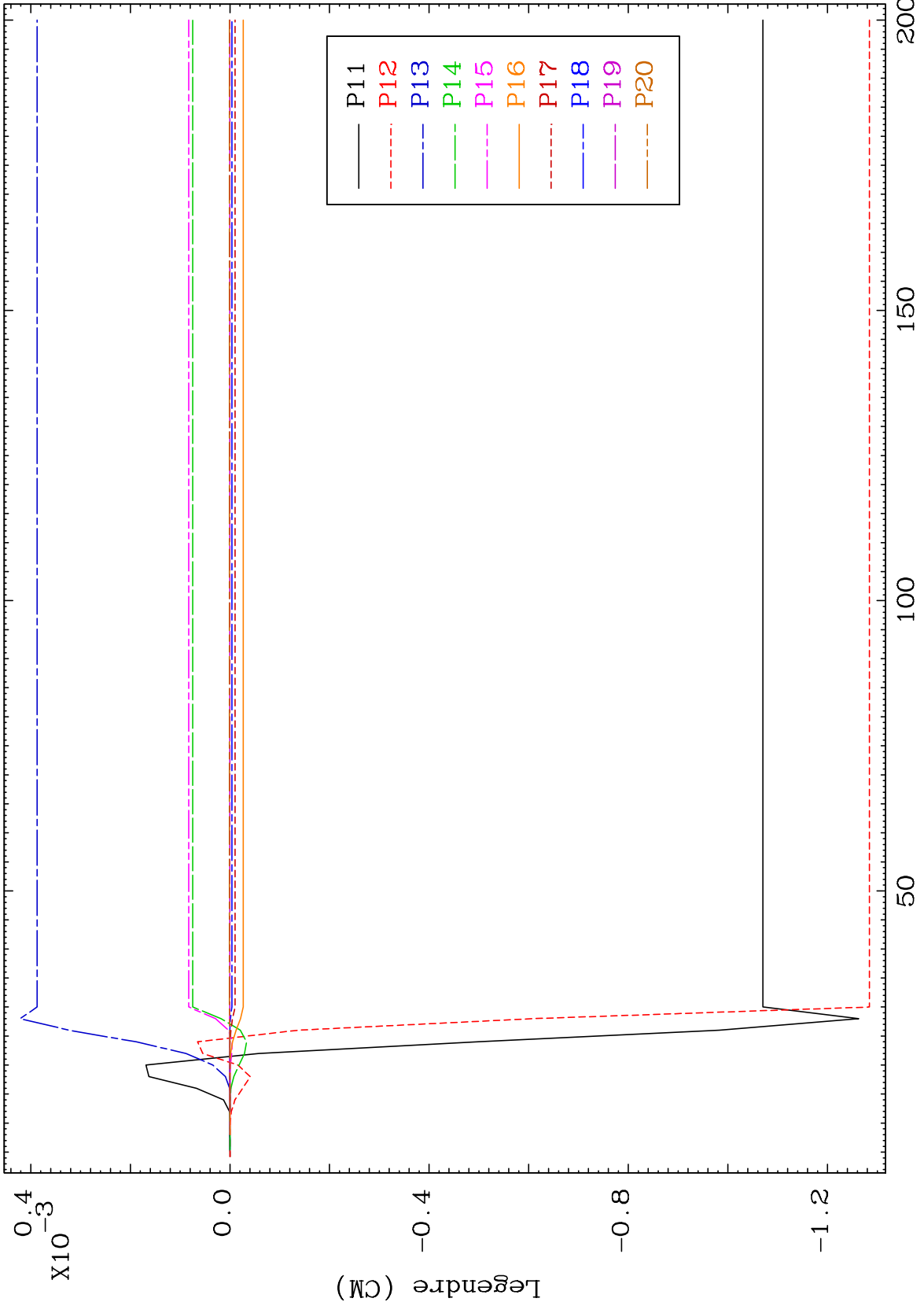
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



87

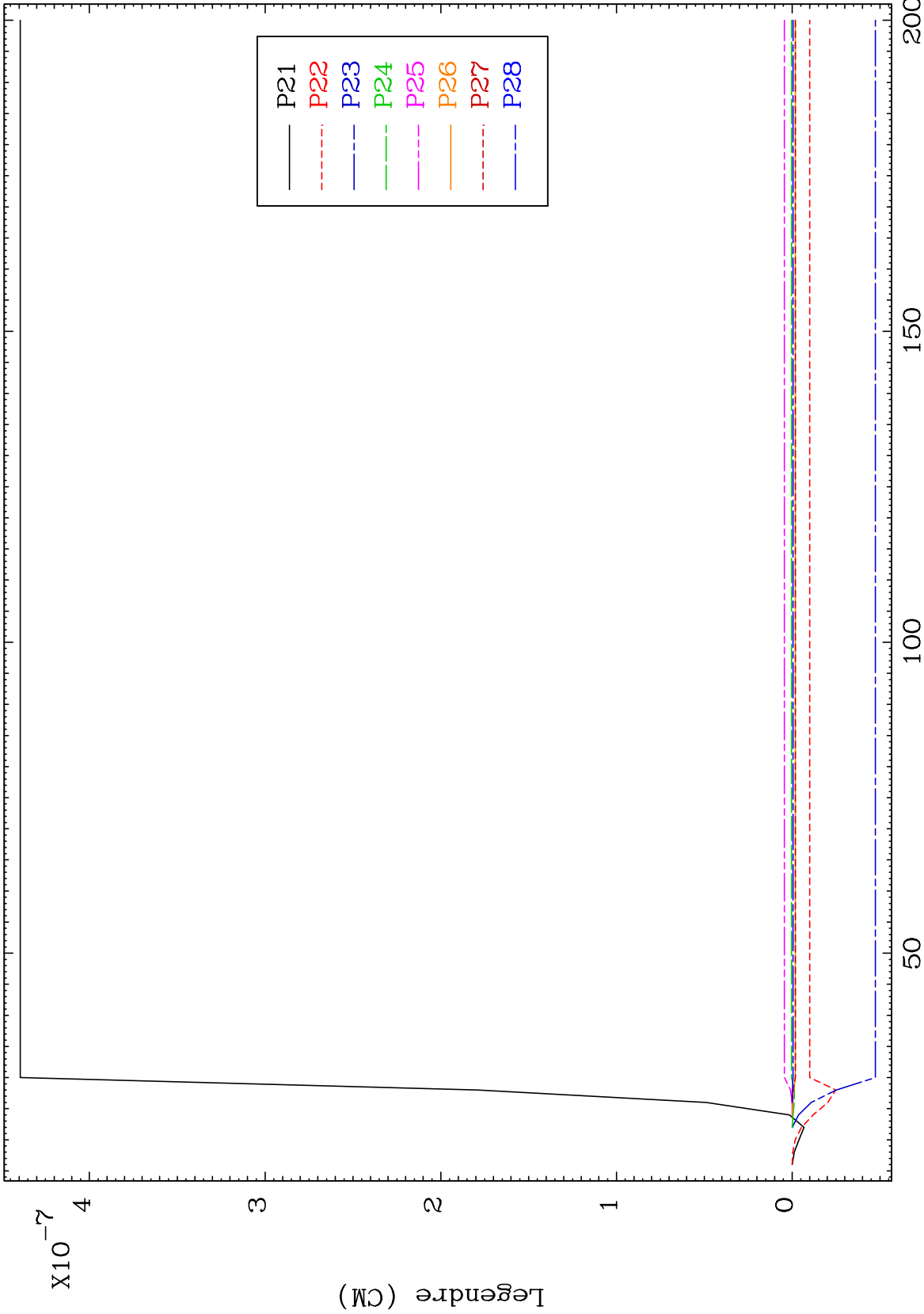
Incident Energy (MeV)

52-Te-111

MAT 5198

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

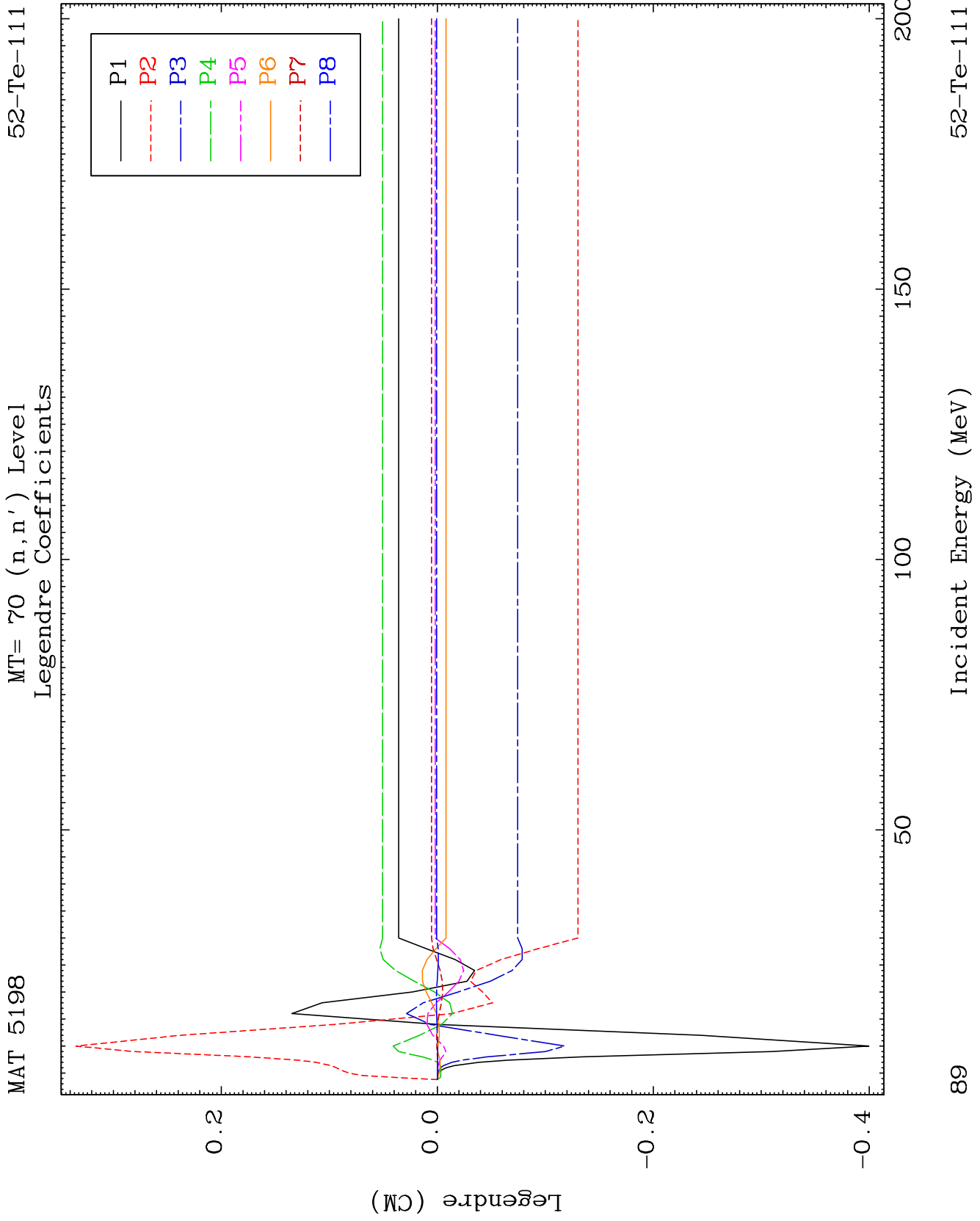
52-Te-111



88

Incident Energy (MeV)

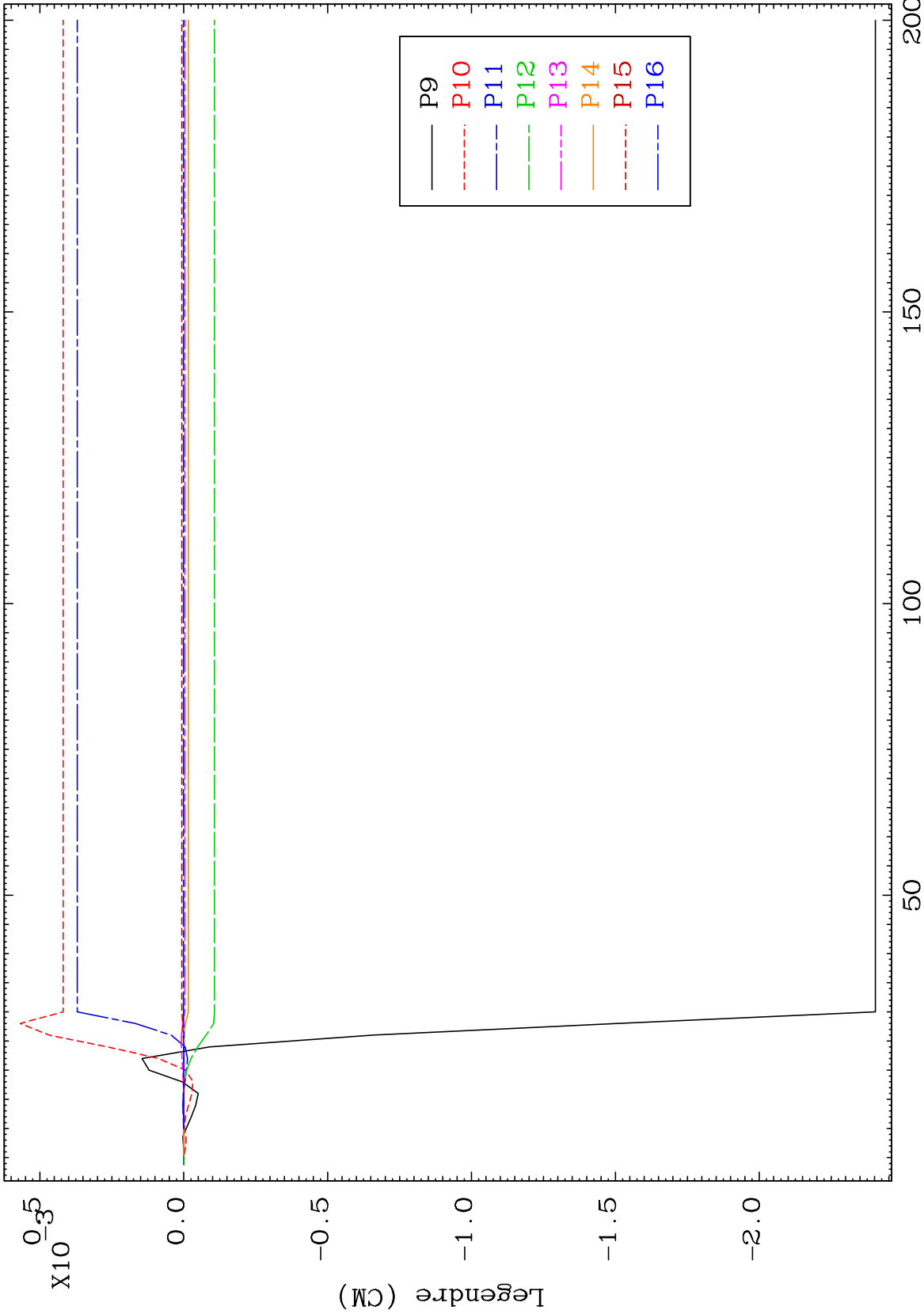
52-Te-111



MAT 5198

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

52-Te-111

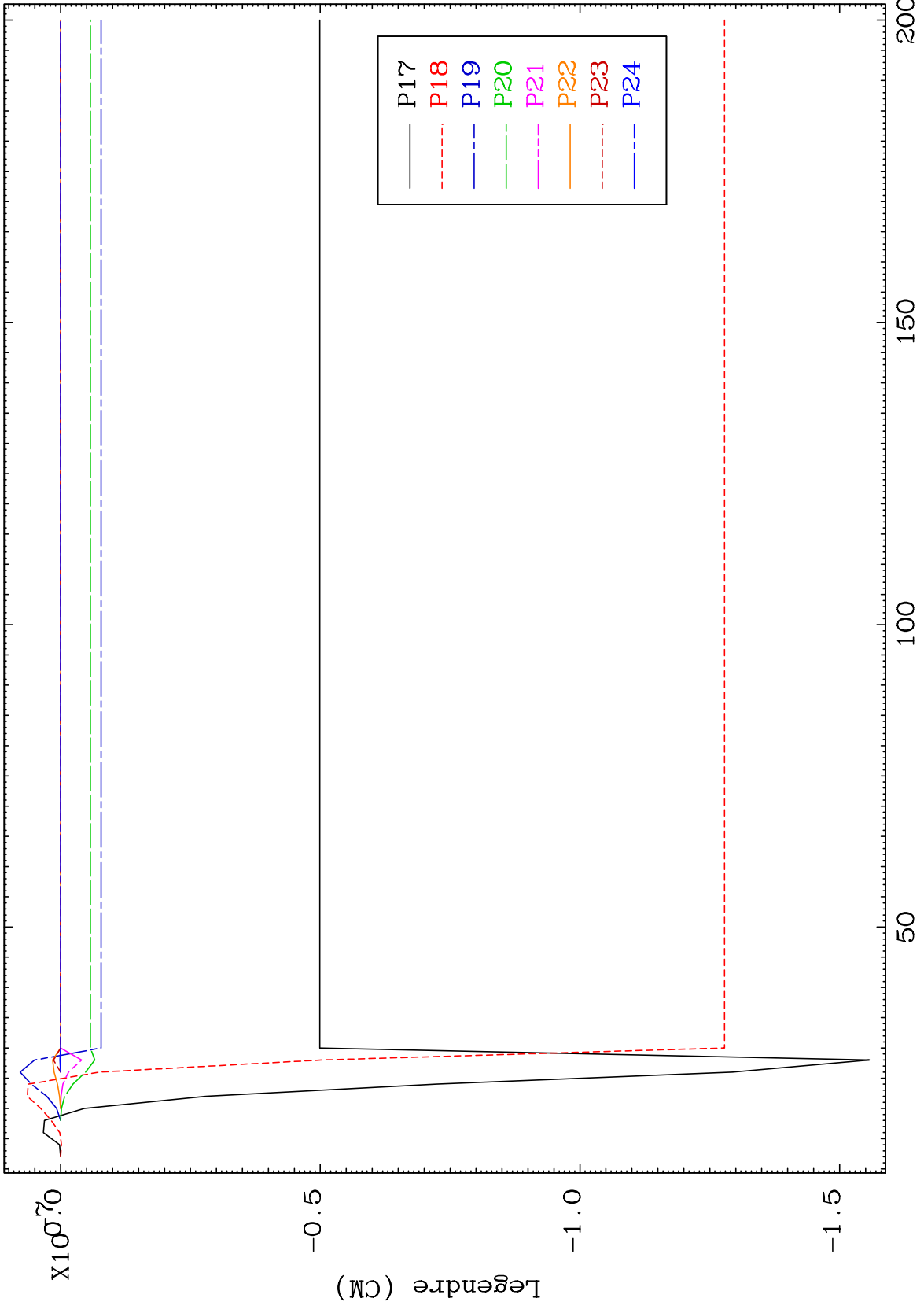


90

Incident Energy (MeV)

52-Te-111

MAT 5198 MT= 70 (n,n') Level Legendre Coefficients 52-Te-111

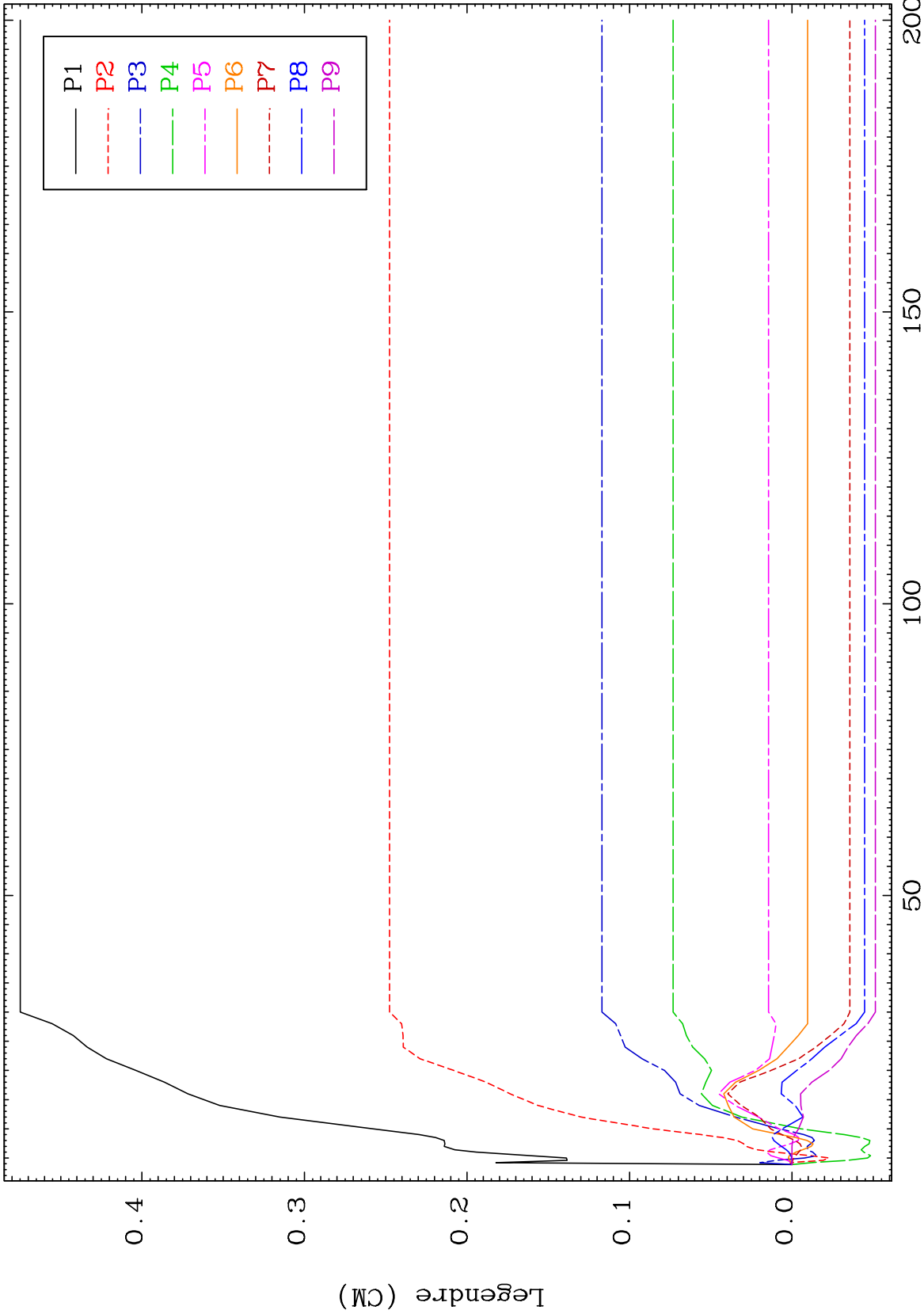


91 52-Te-111

MAT 5198

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

52-Te-111



92

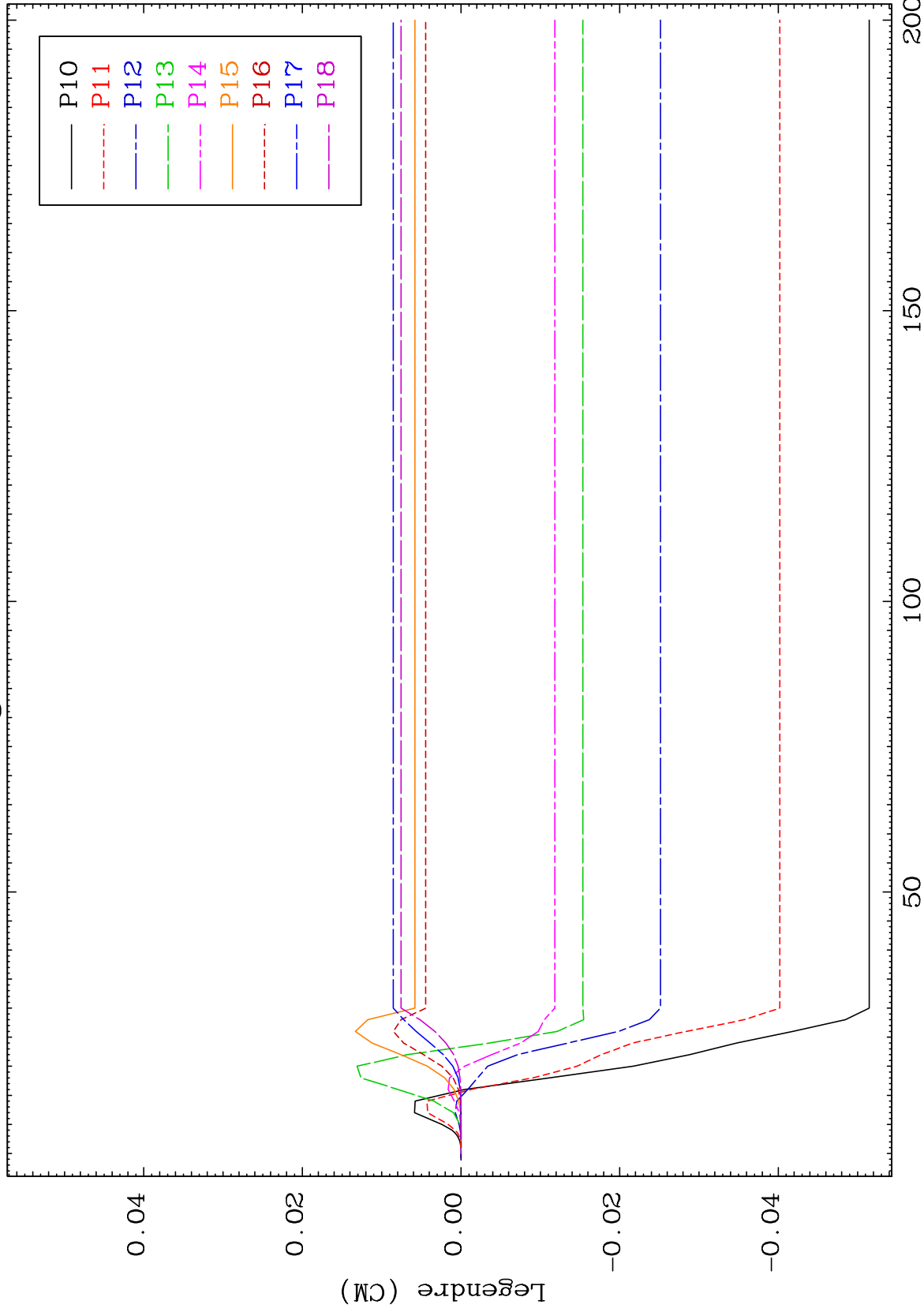
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



93

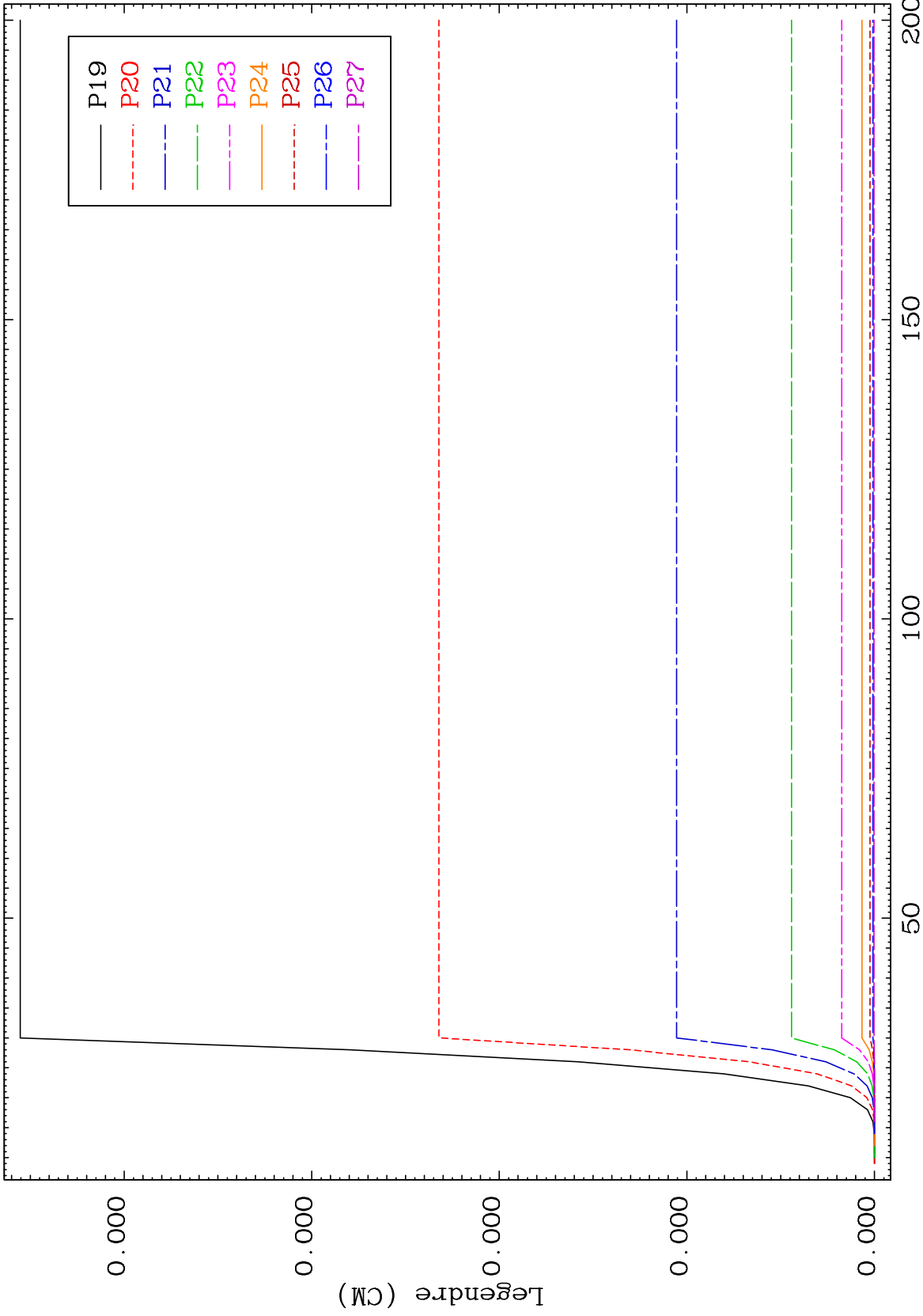
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



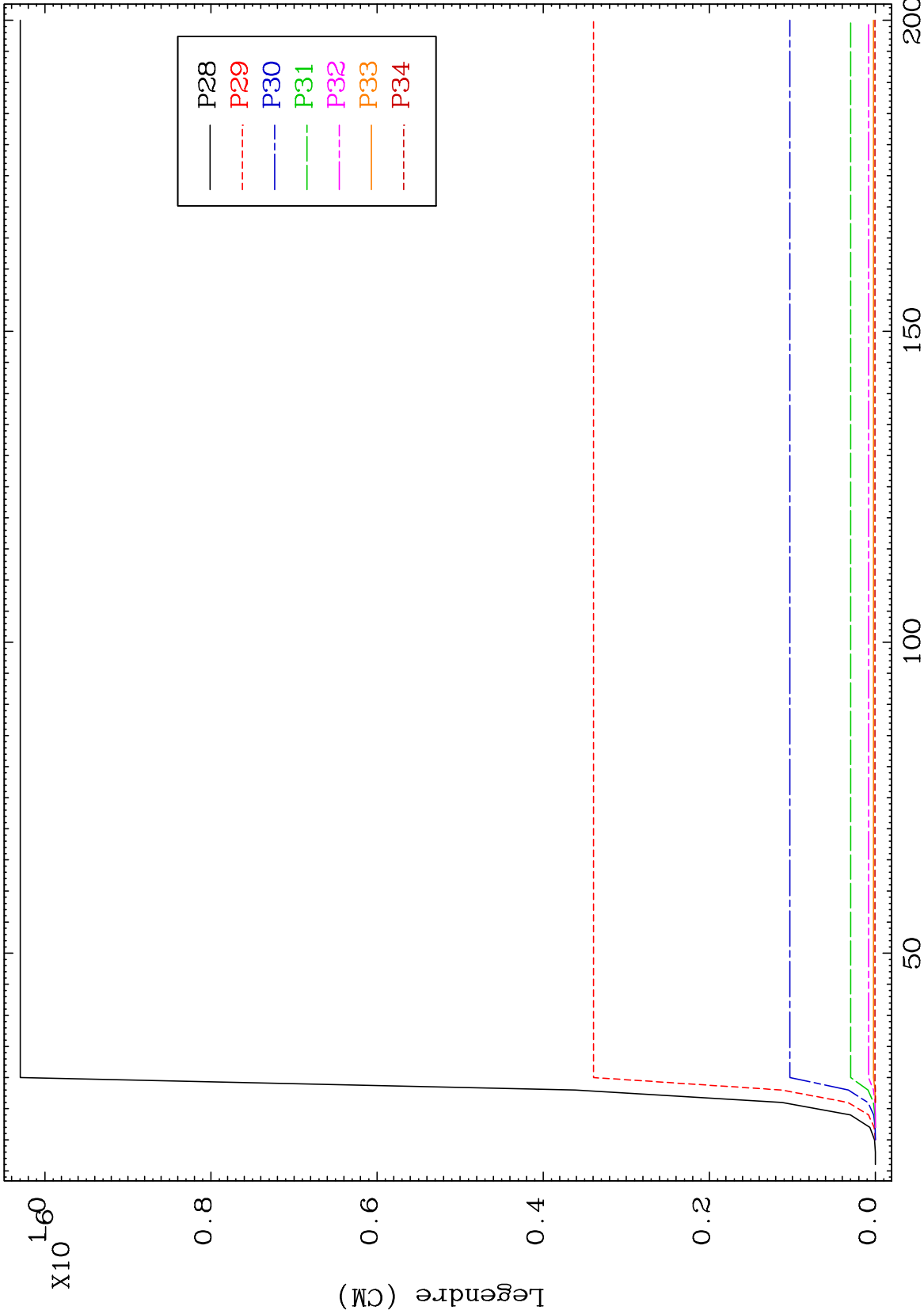
94

52-Te-111

MAT 5198

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

52-Te-111



95

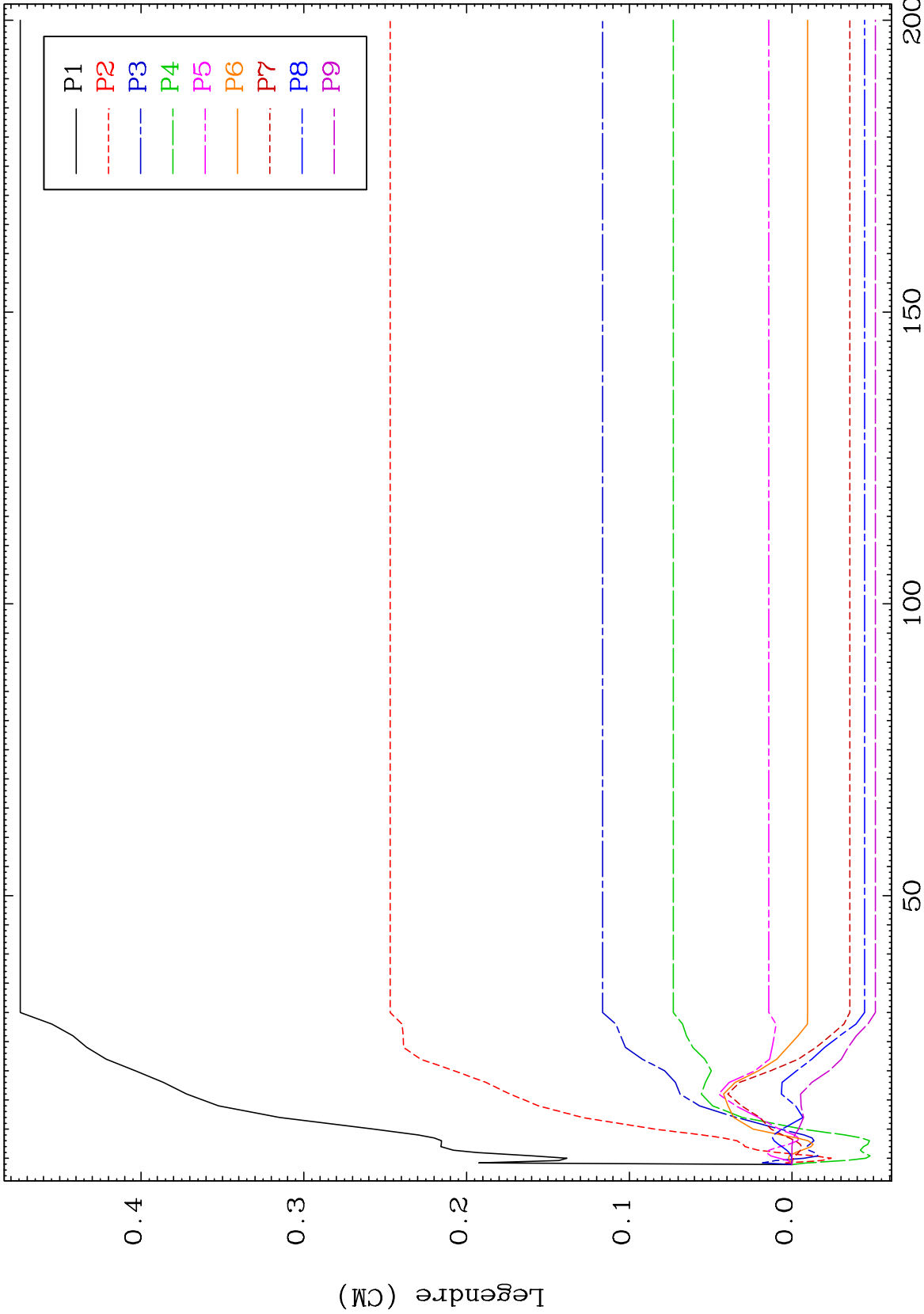
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



96

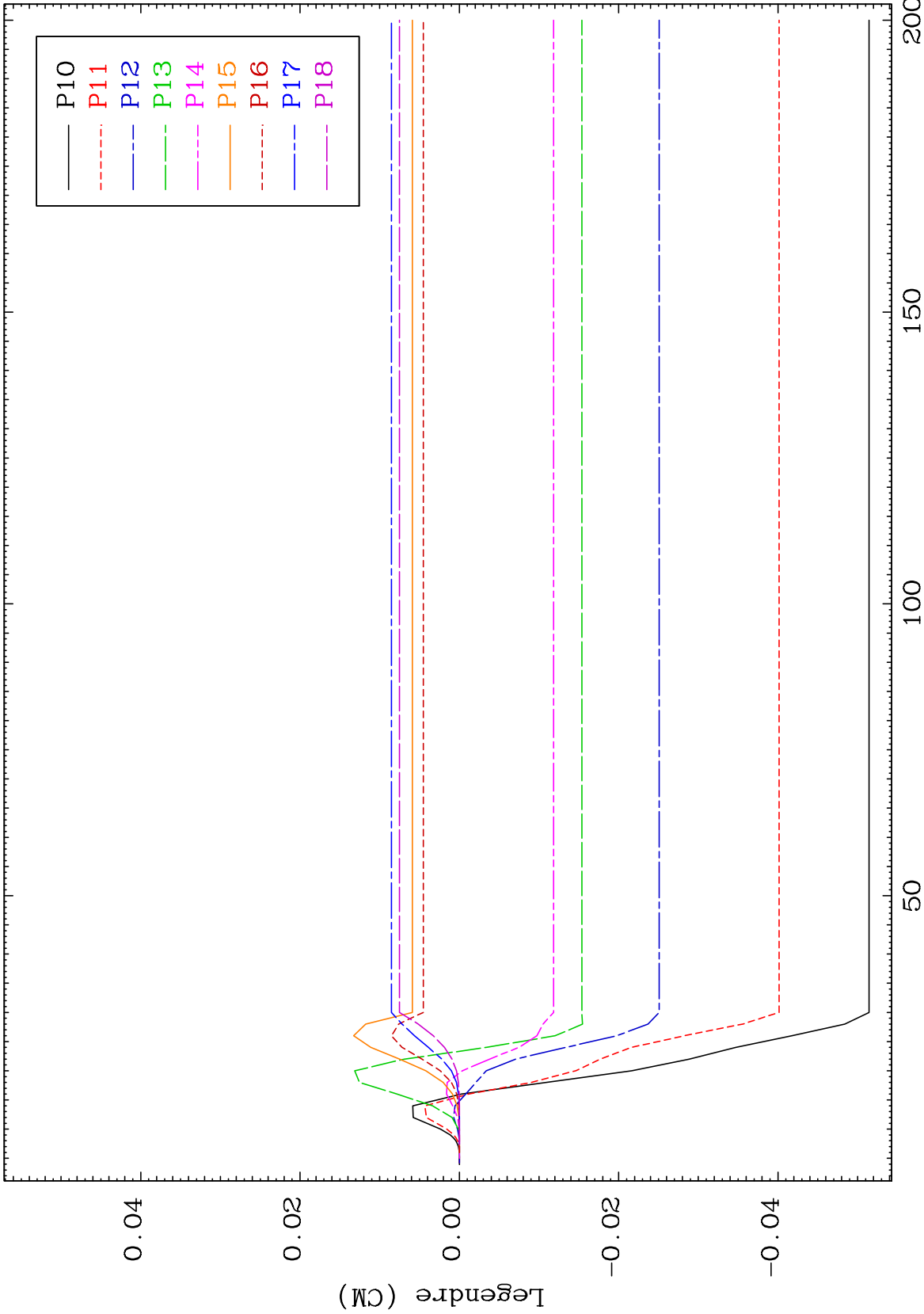
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



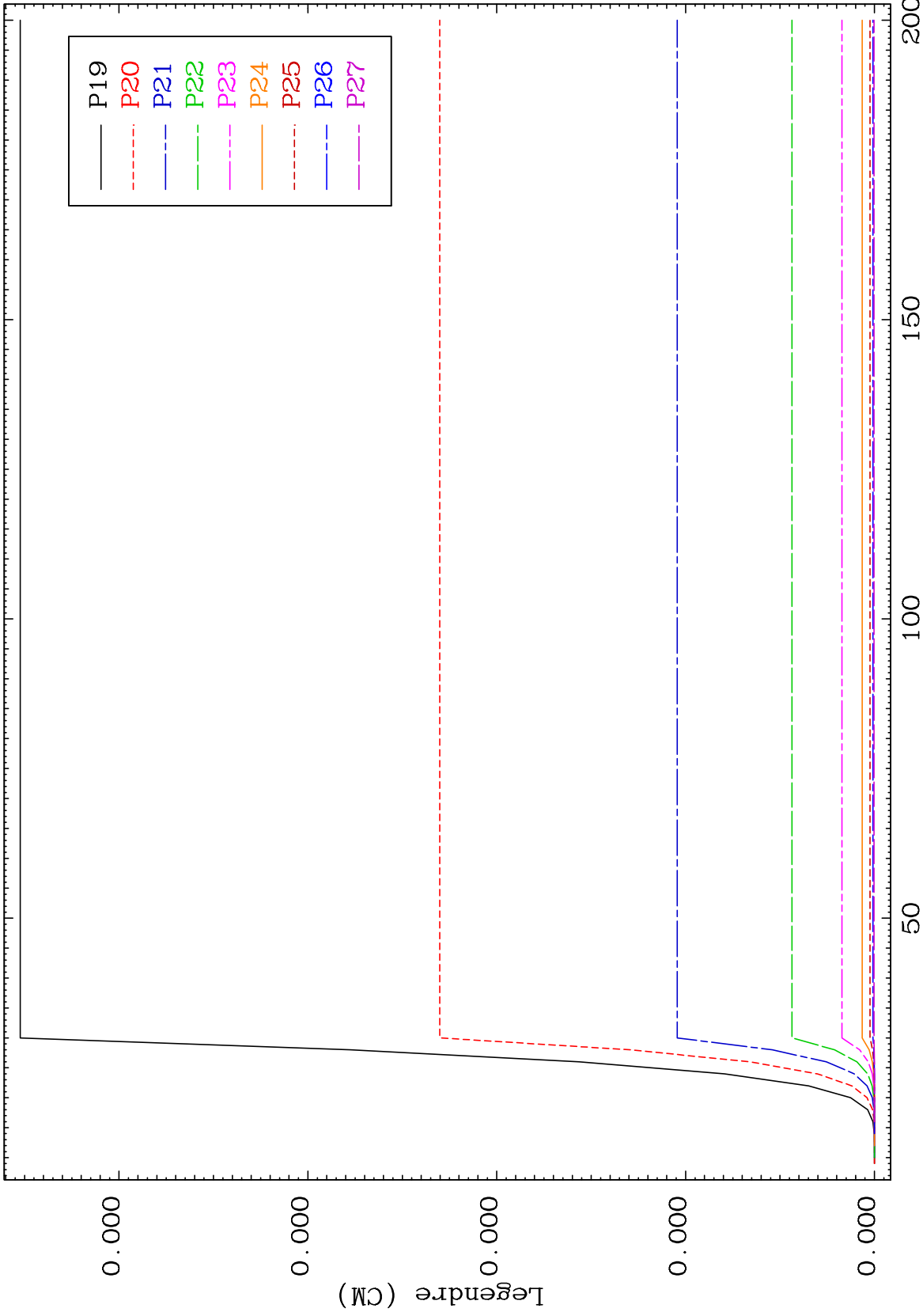
97

52-Te-111

MAT 5198

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

52-Te-111



98

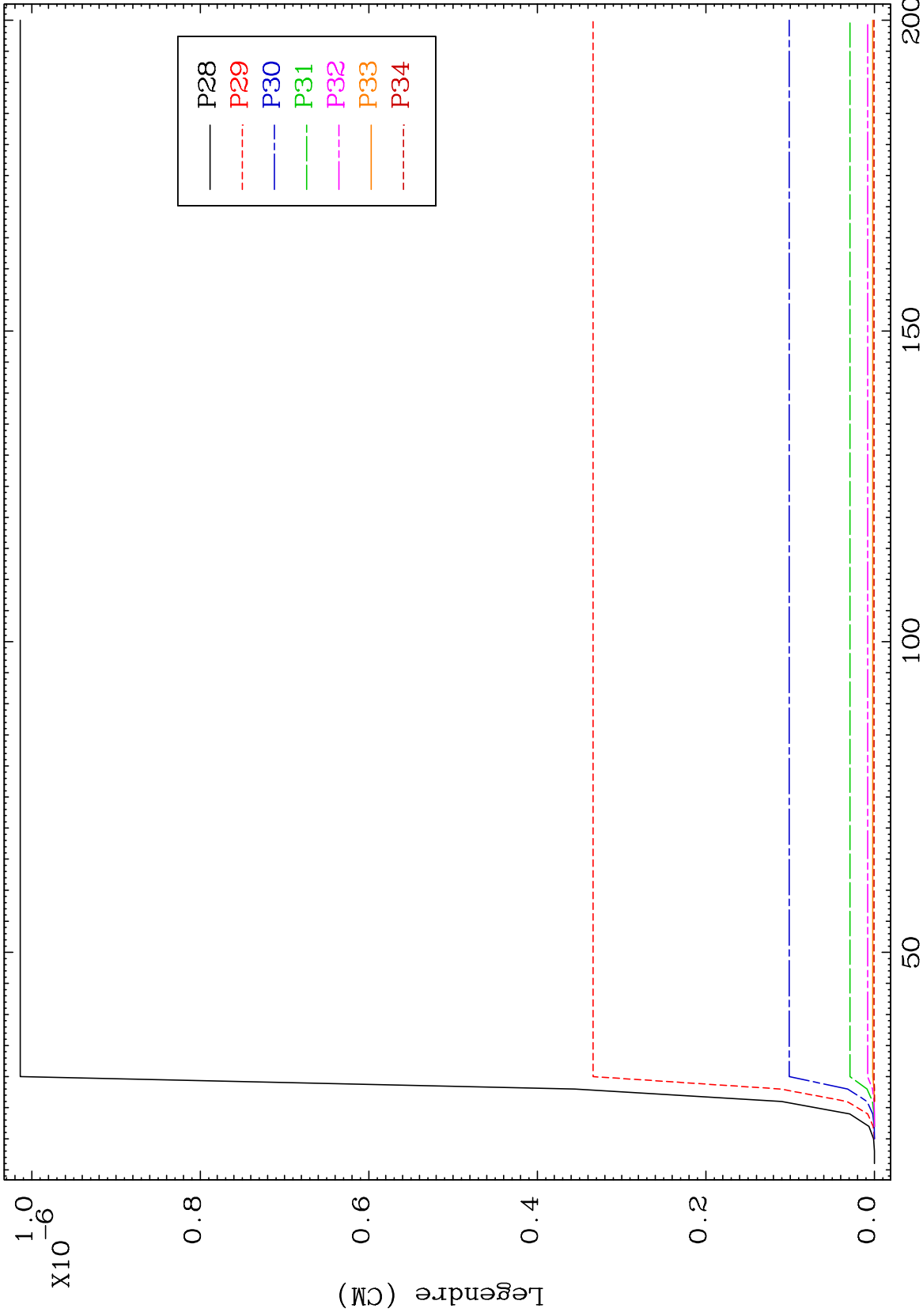
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



99

Incident Energy (MeV)

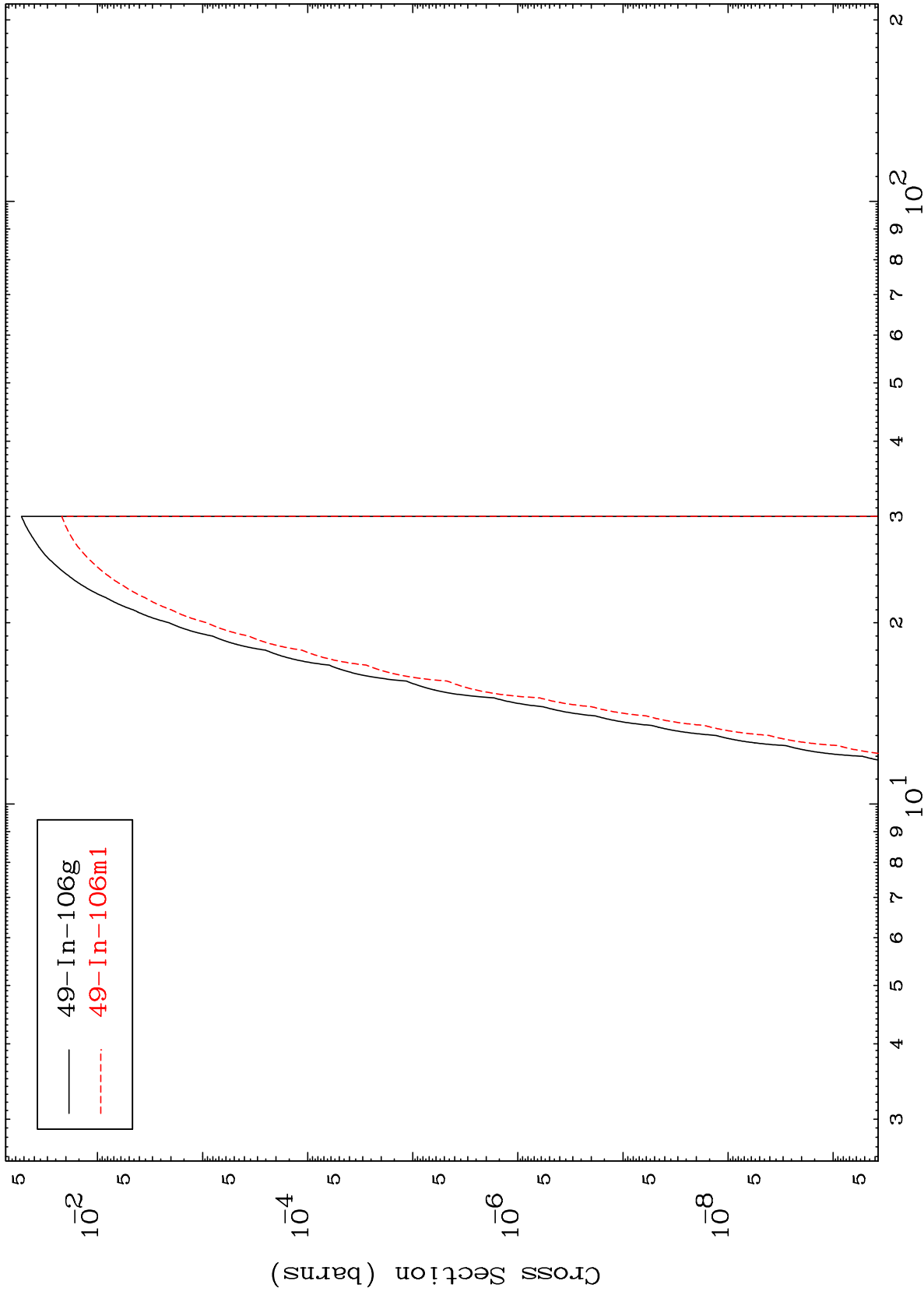
52-Te-111

MAT 5198

(n,n') p α

52-Te-111

Radionuclide Production Cross Section



100

Incident Energy (MeV)

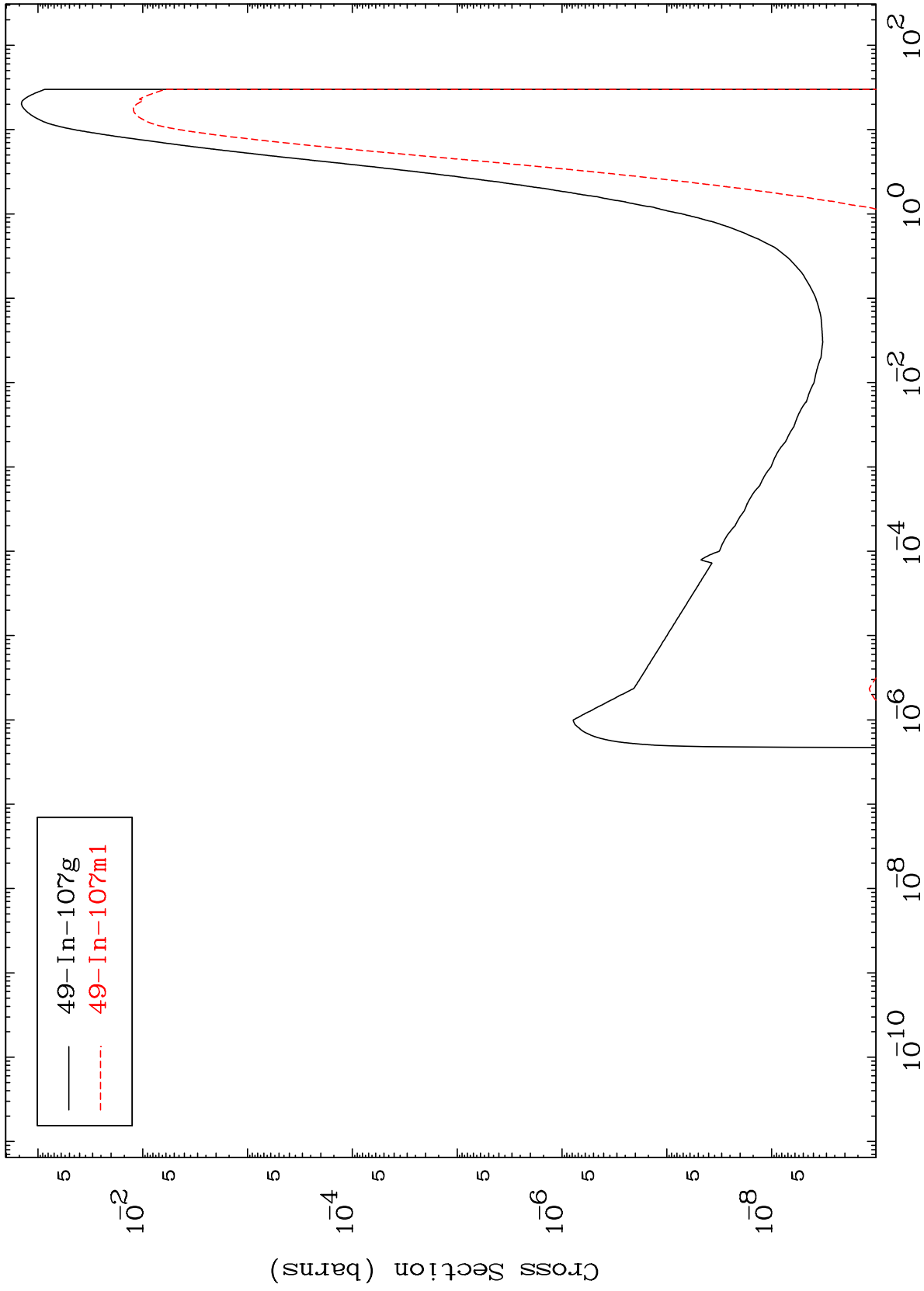
52-Te-111

MAT 5198

(n,p) α

52-Te-111

Radionuclide Production Cross Section



— 49-In-107g
- - - 49-In-107m1

101

Incident Energy (MeV)

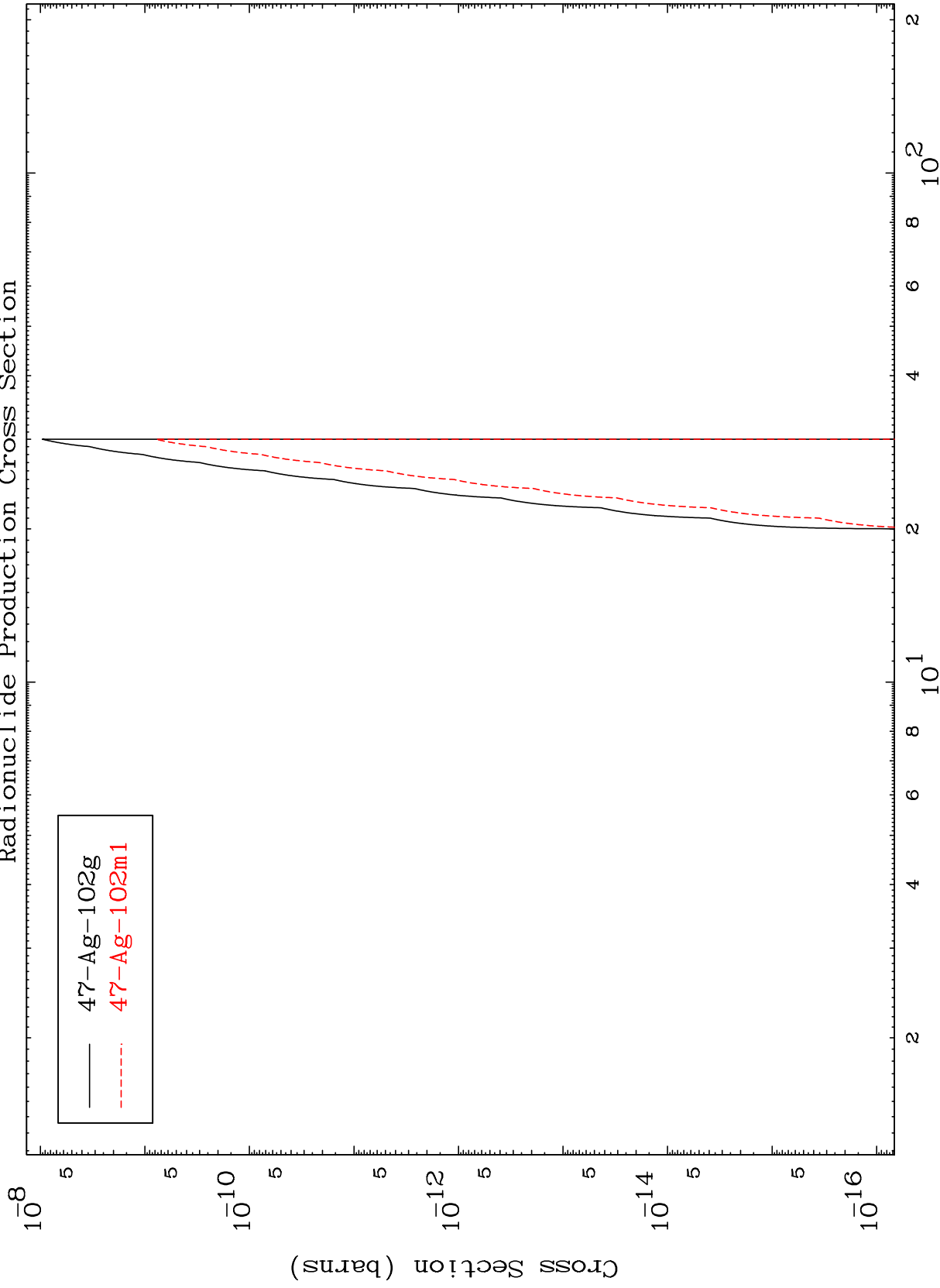
52-Te-111

MAT 5198

(n,d) 2α

52-Te-111

Radionuclide Production Cross Section



102

Incident Energy (MeV)

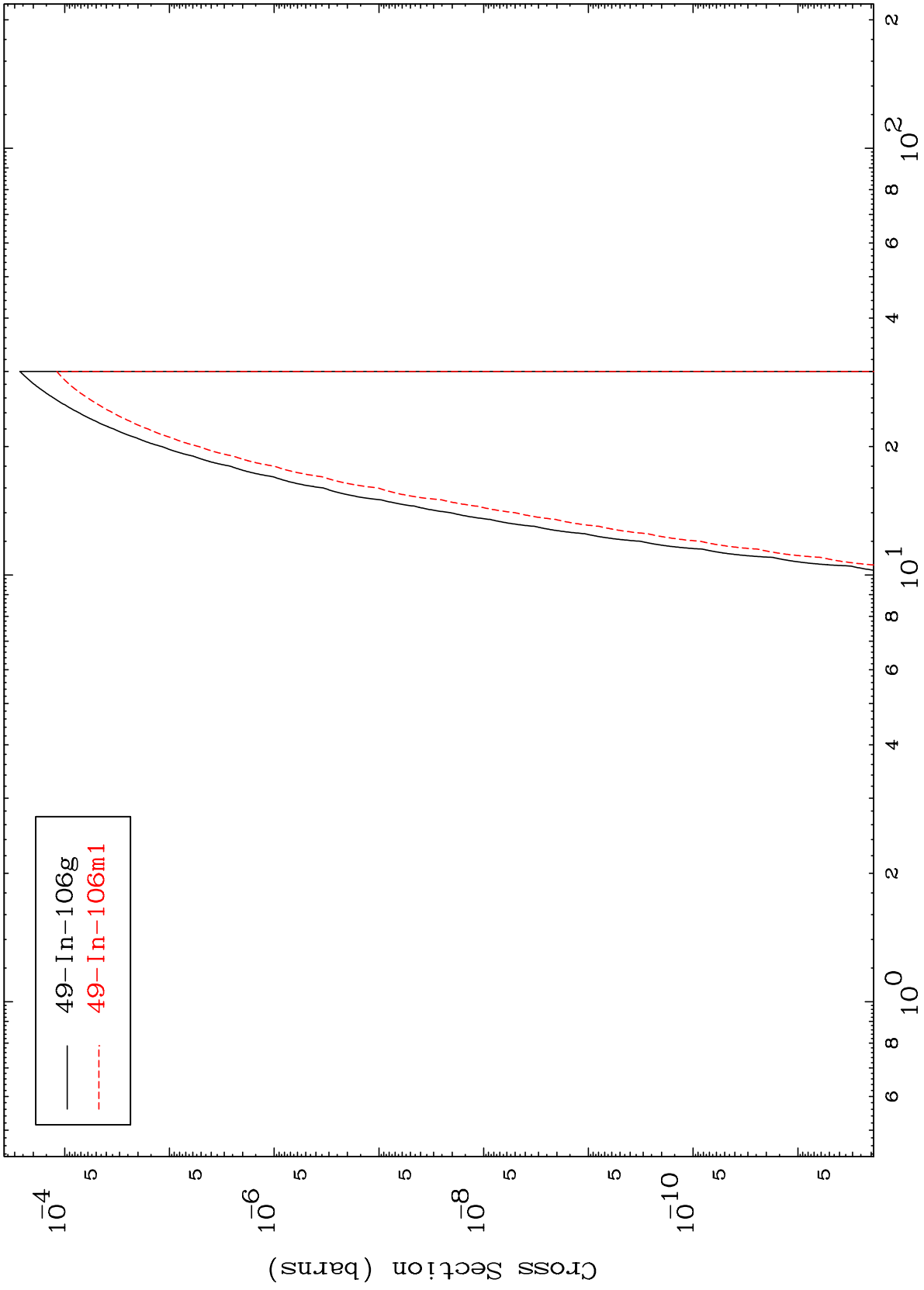
52-Te-111

MAT 5198

(n,d) α

52-Te-111

Radionuclide Production Cross Section



49-In-106g
49-In-106m1

103

Incident Energy (MeV)

52-Te-111