

Program EVALPLOT  
(Version 2021-1)

by

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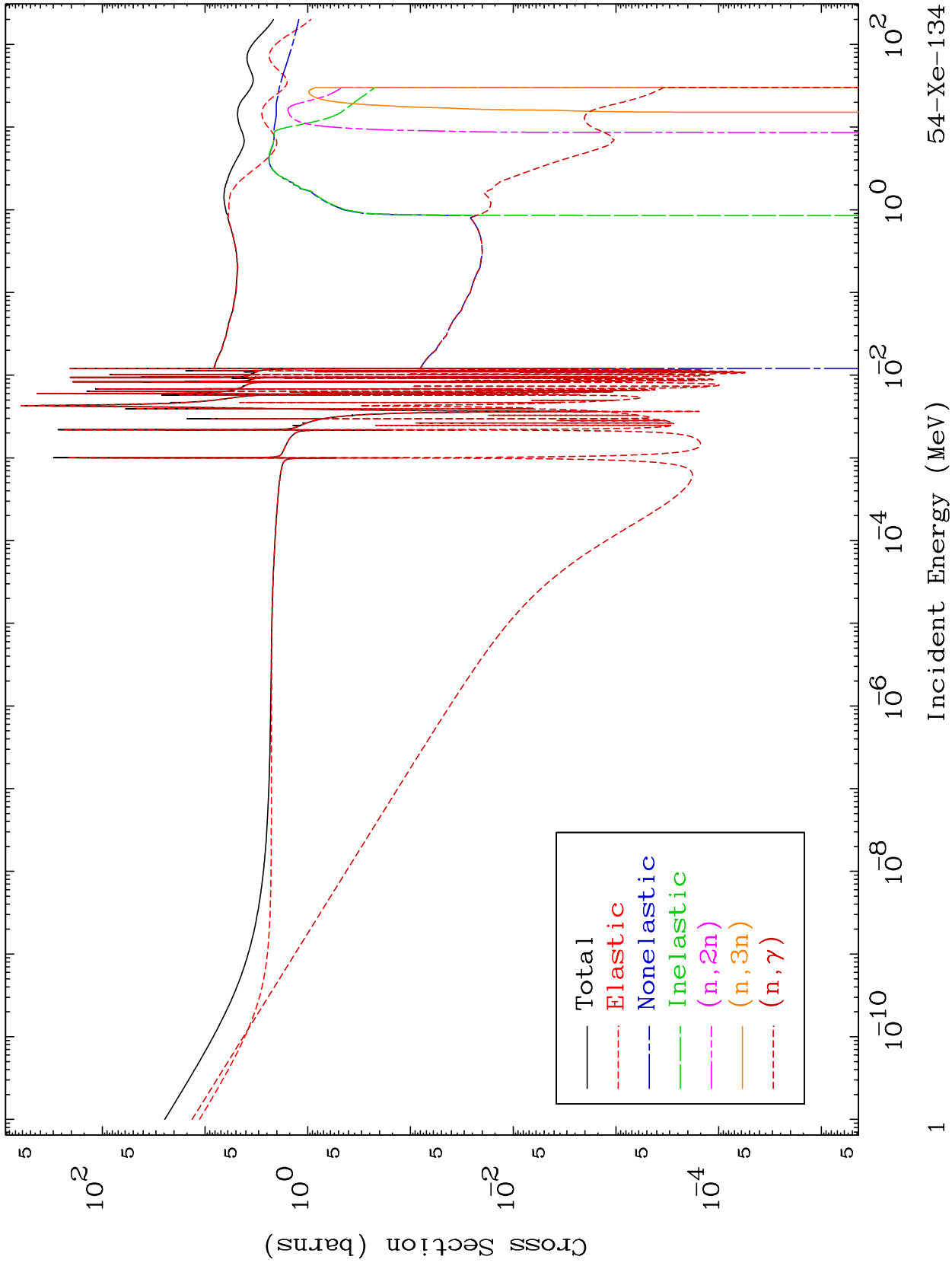
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

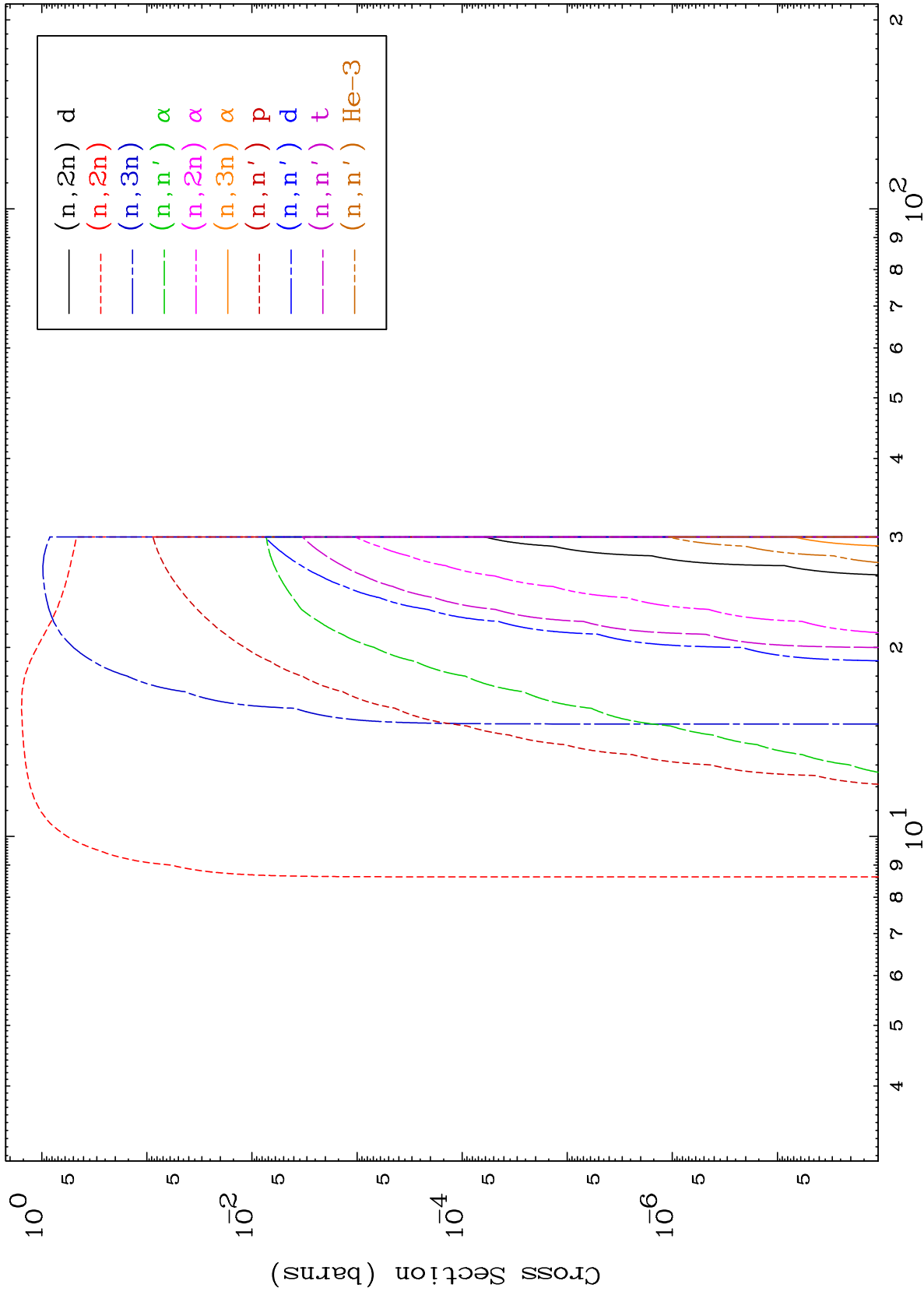
Press Mouse Button to Start

MAT 5455

Neutron Major  
293 Kelvin Cross Sections

54-Xe-134

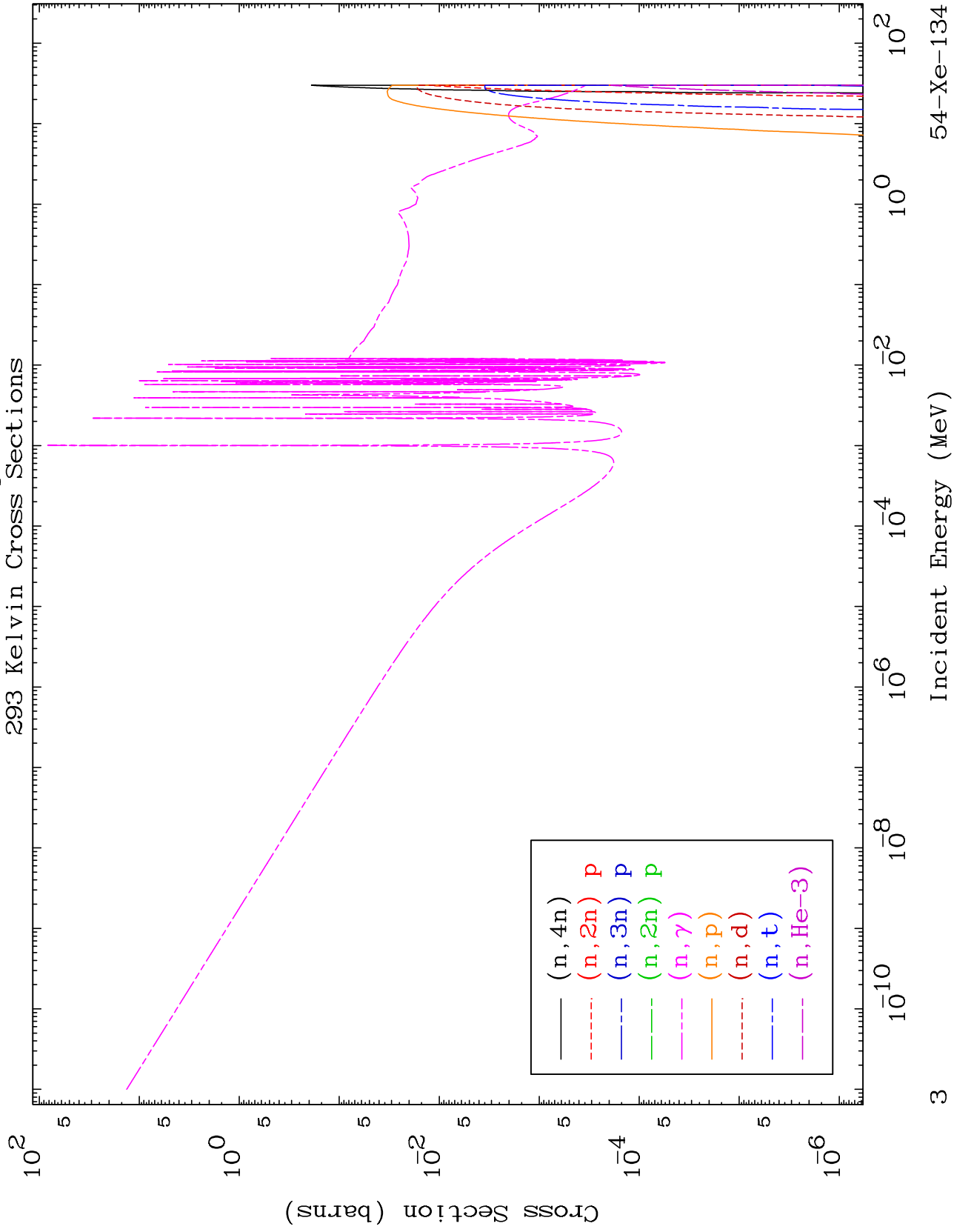




MAT 5455

Neutron Absorption  
293 Kelvin Cross Sections

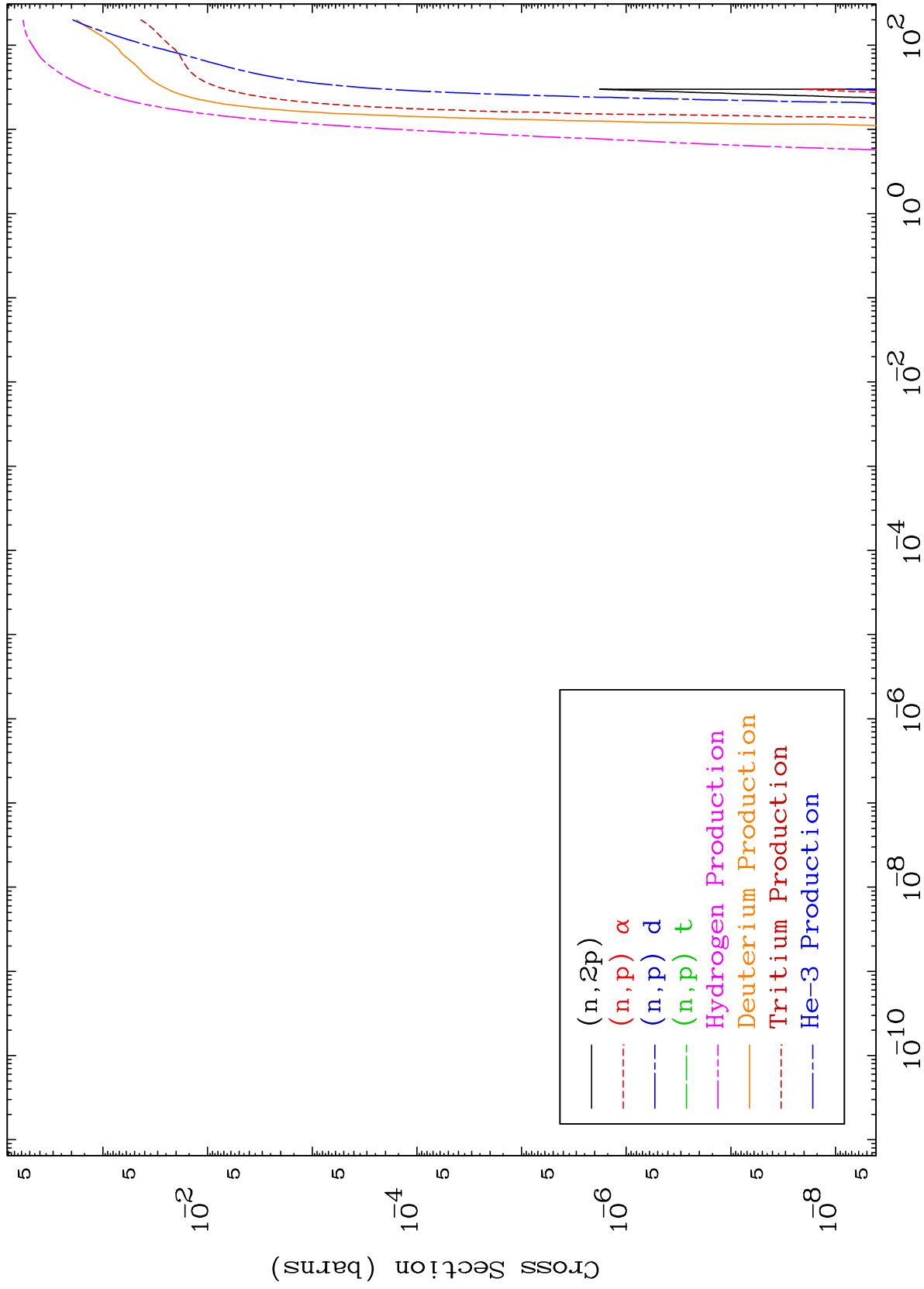
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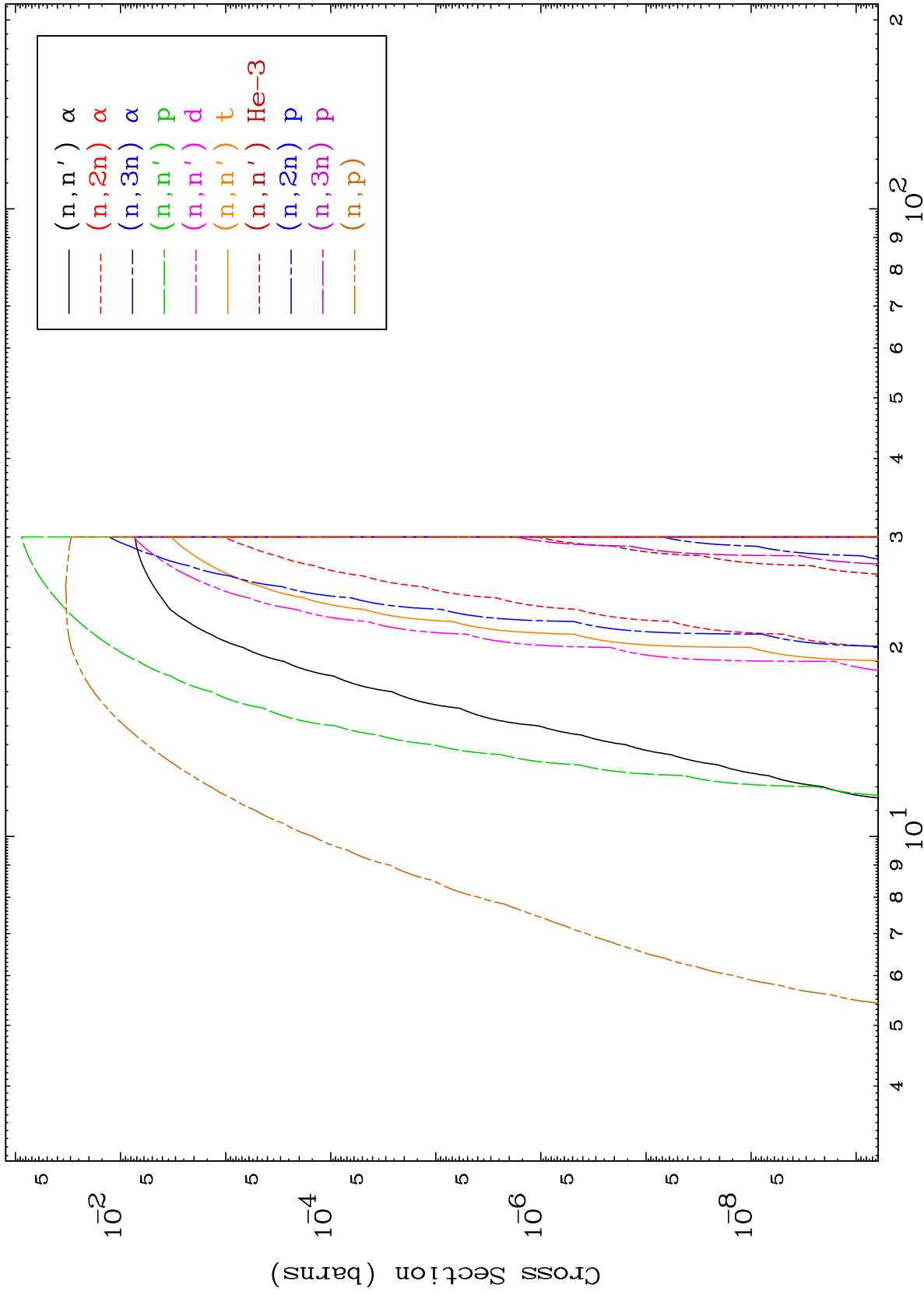


MAT 5455

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-134

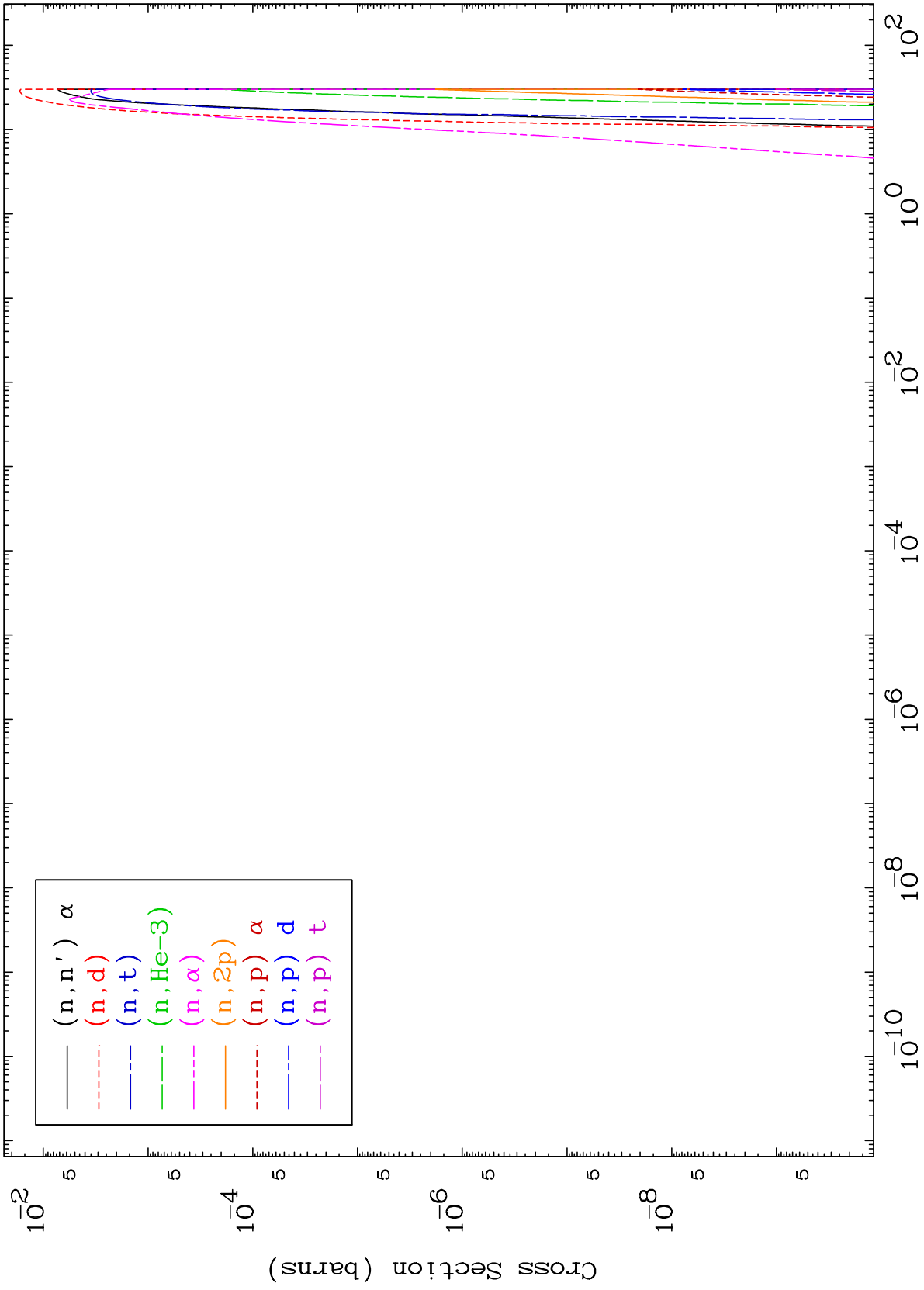




MAT 5455

293 Kelvin Cross Sections

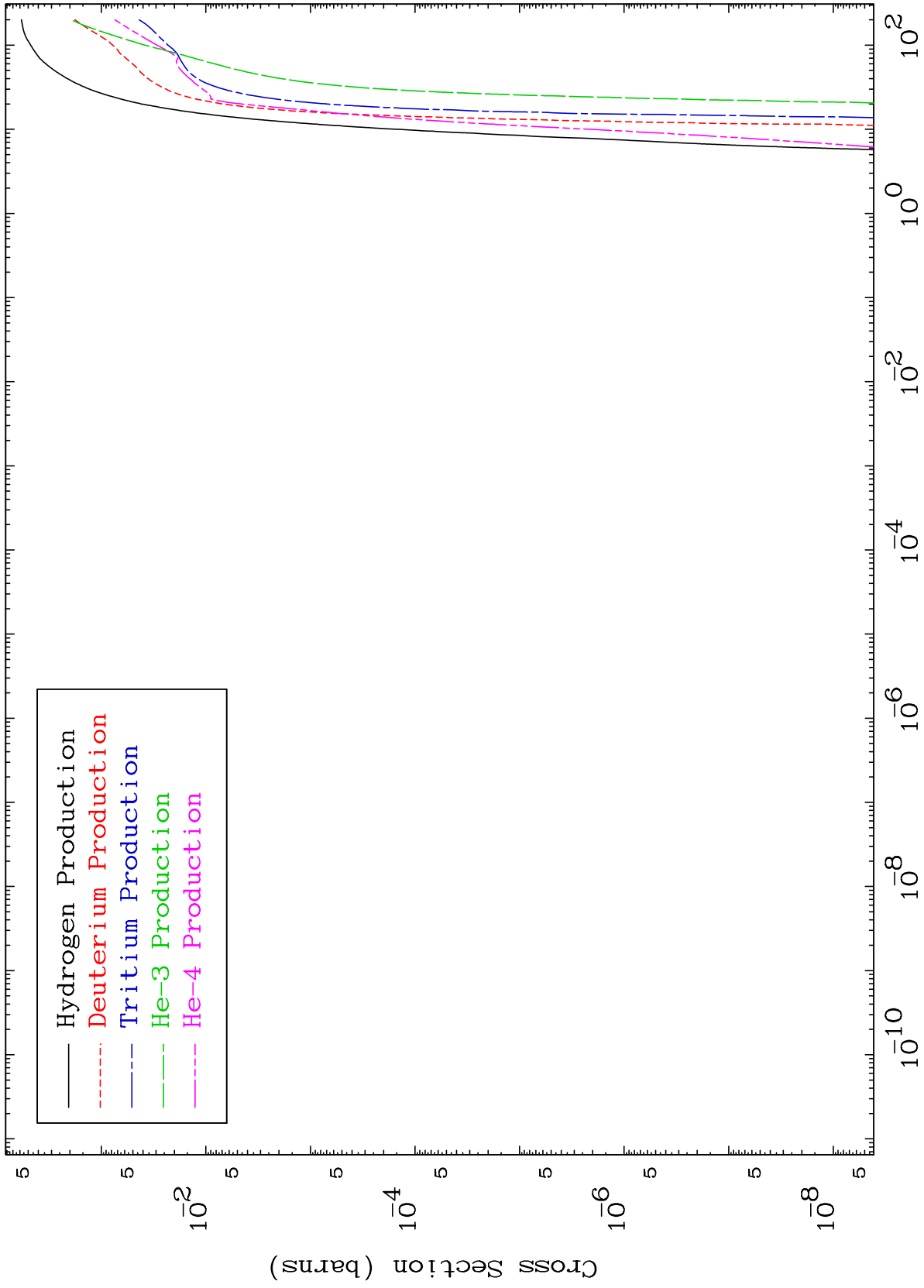
54-Xe-134



MAT 5455

Particle Production  
293 Kelvin Cross Sections

54-Xe-134



7

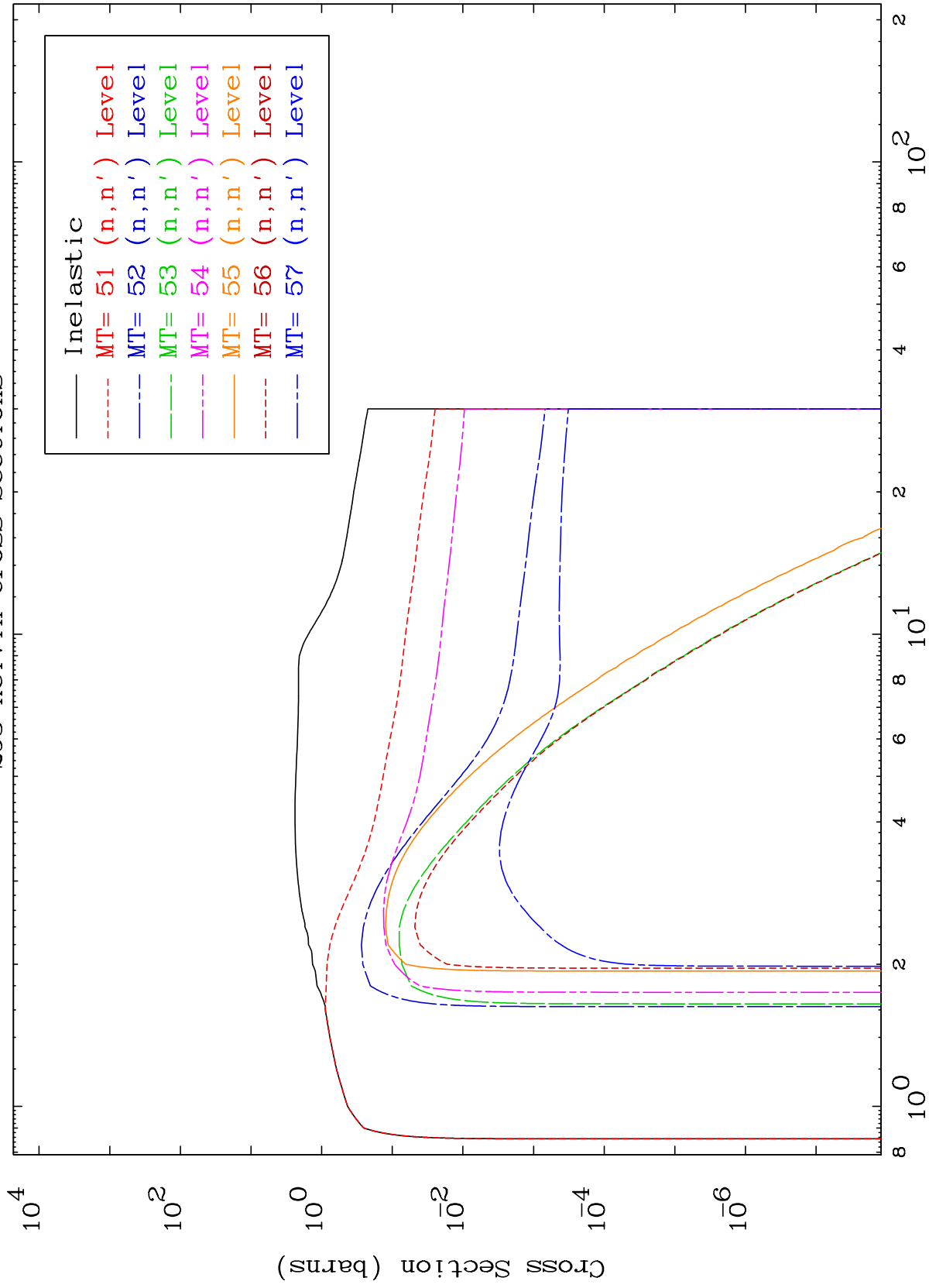
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MAT 5455

(n,n') Levels

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

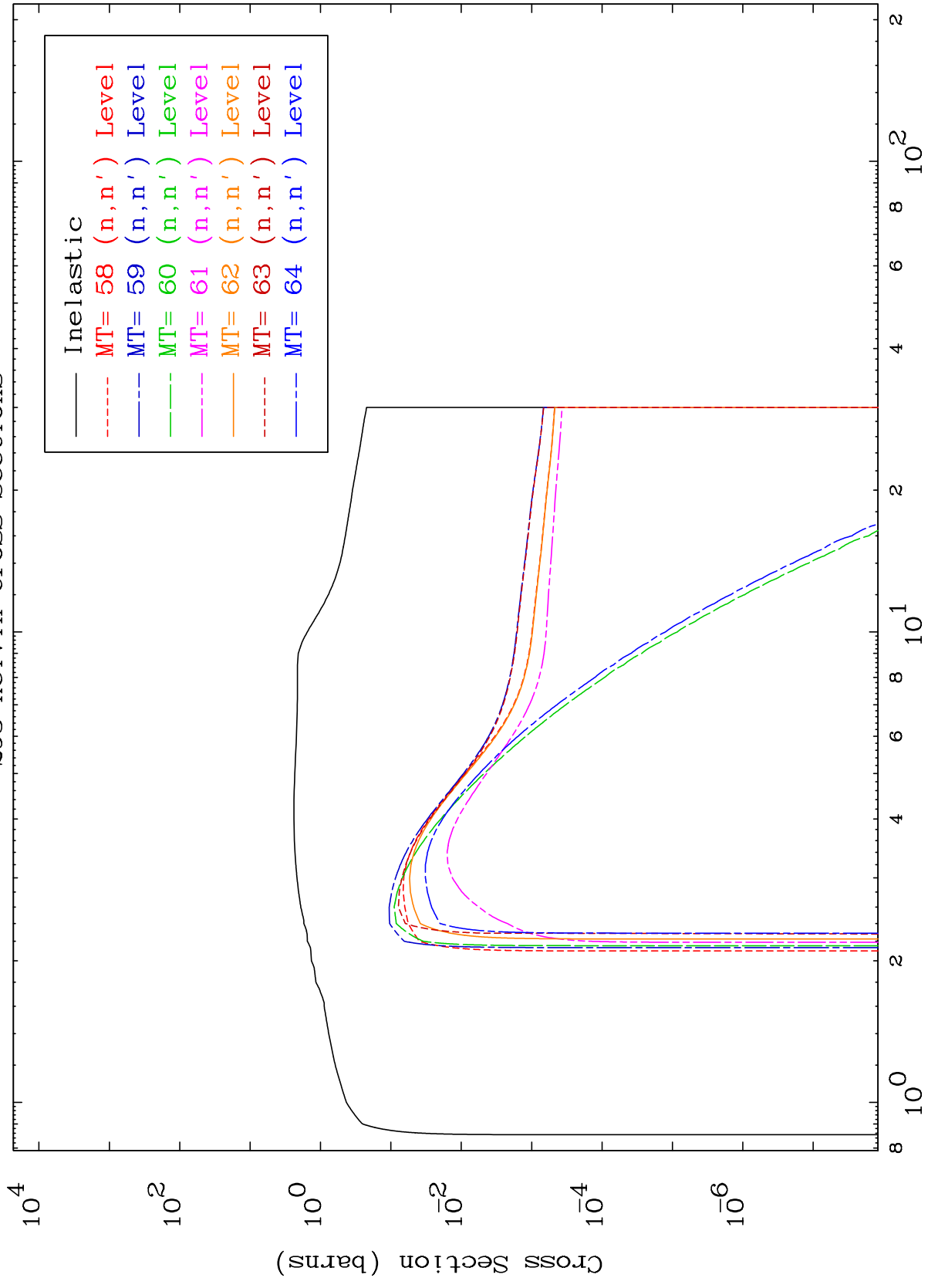
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MAT 5455

(n,n') Levels

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

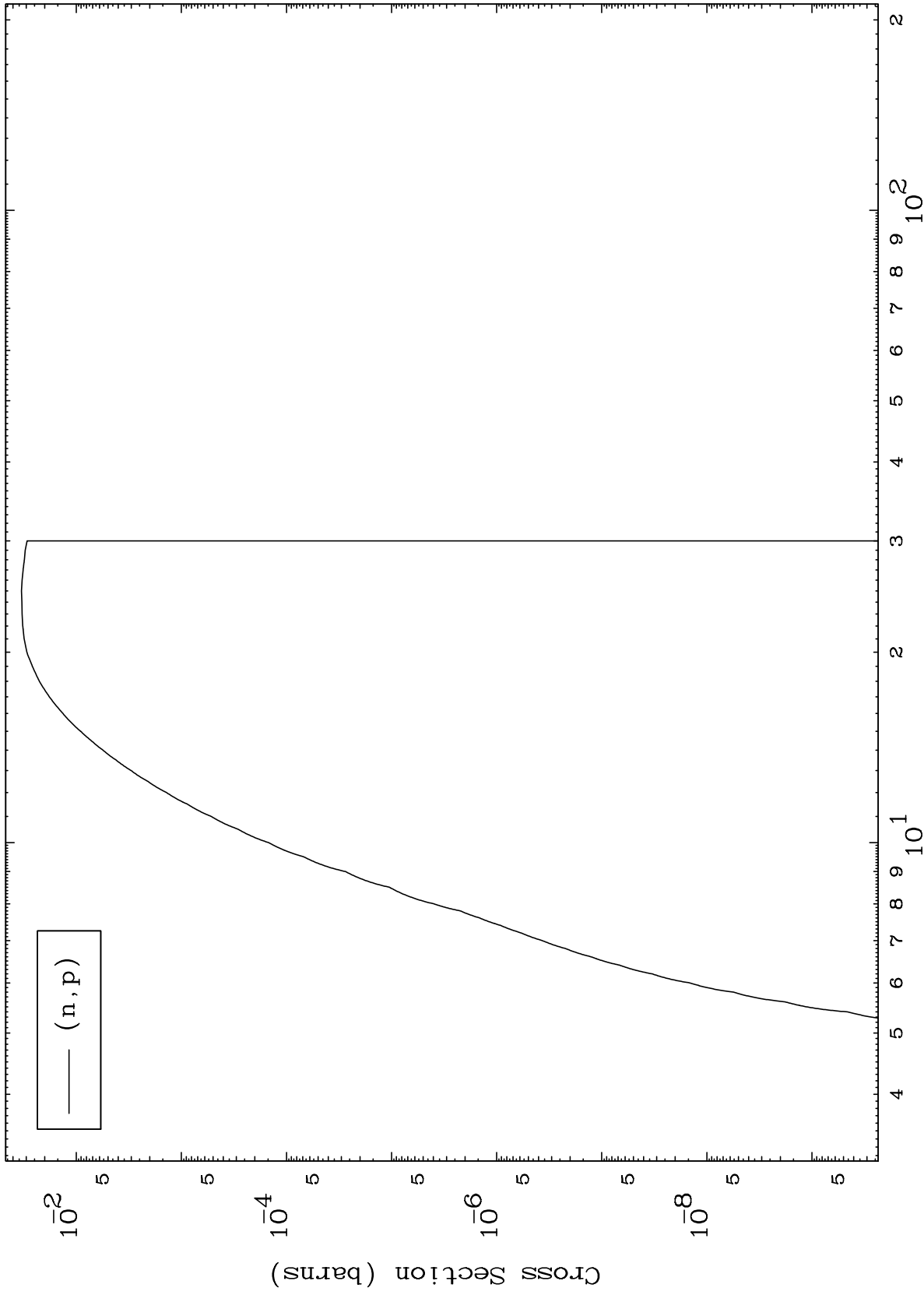
54-Xe-134



MAT 5455

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-134



11

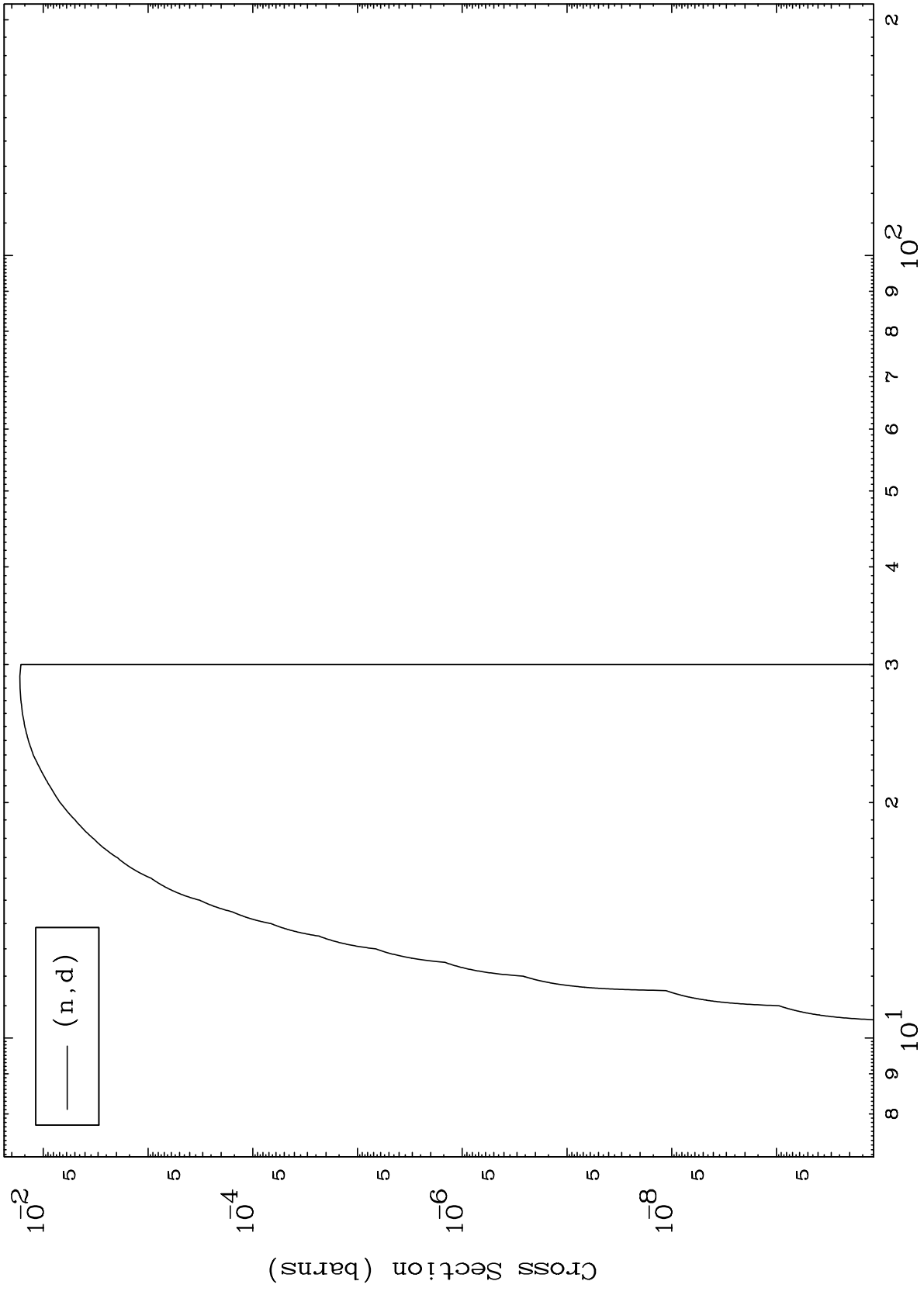
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-134



12

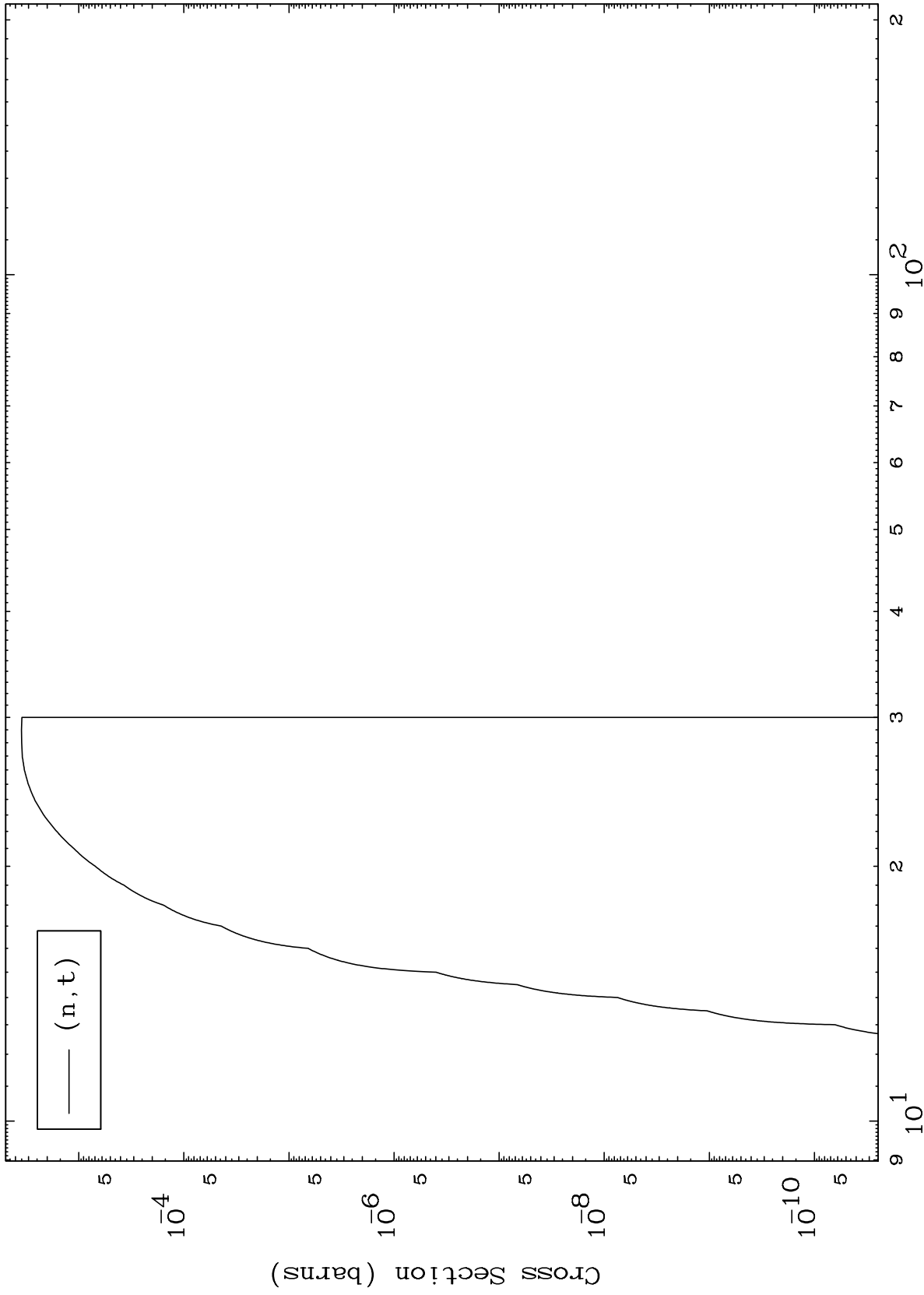
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-134



13

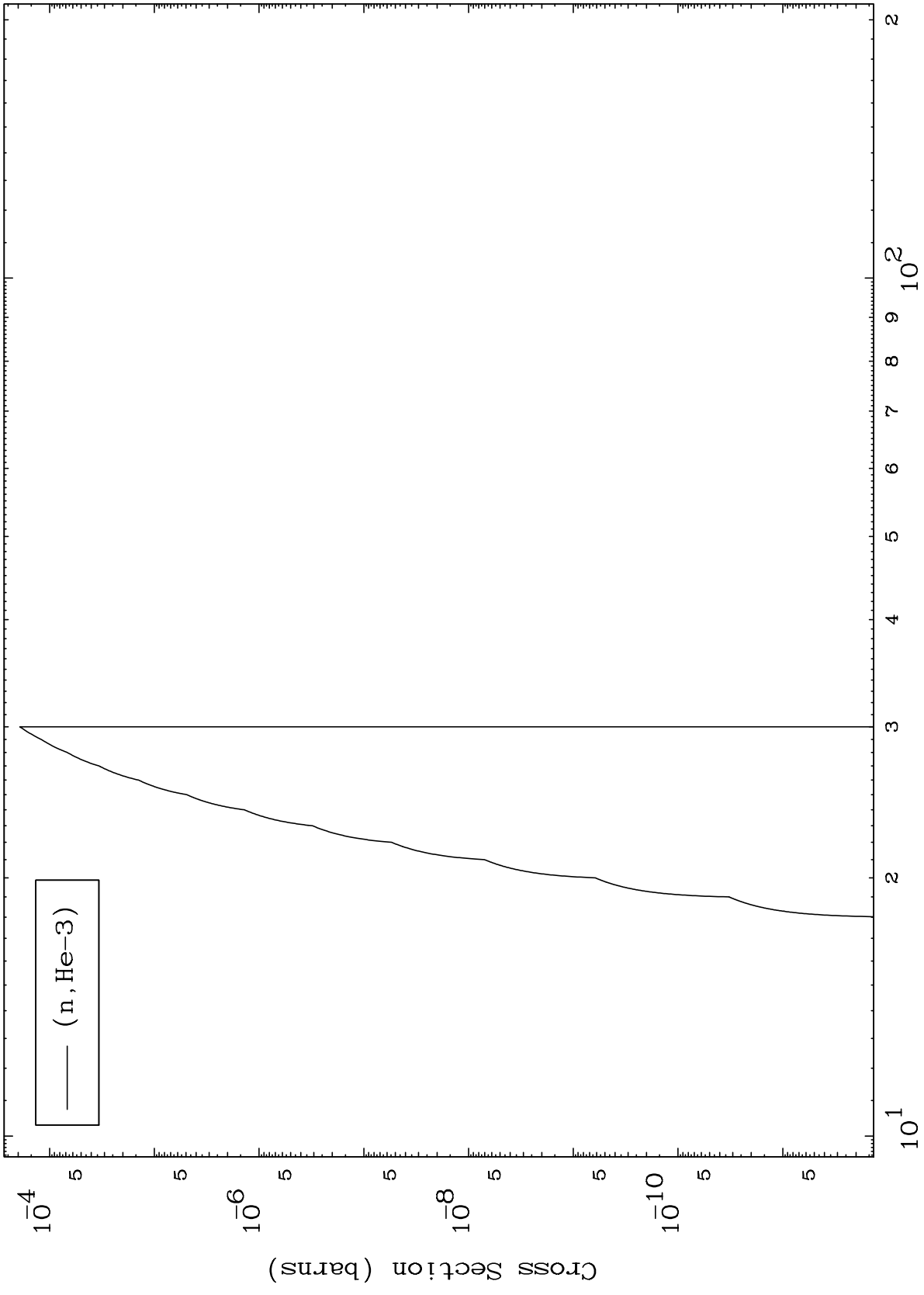
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-134

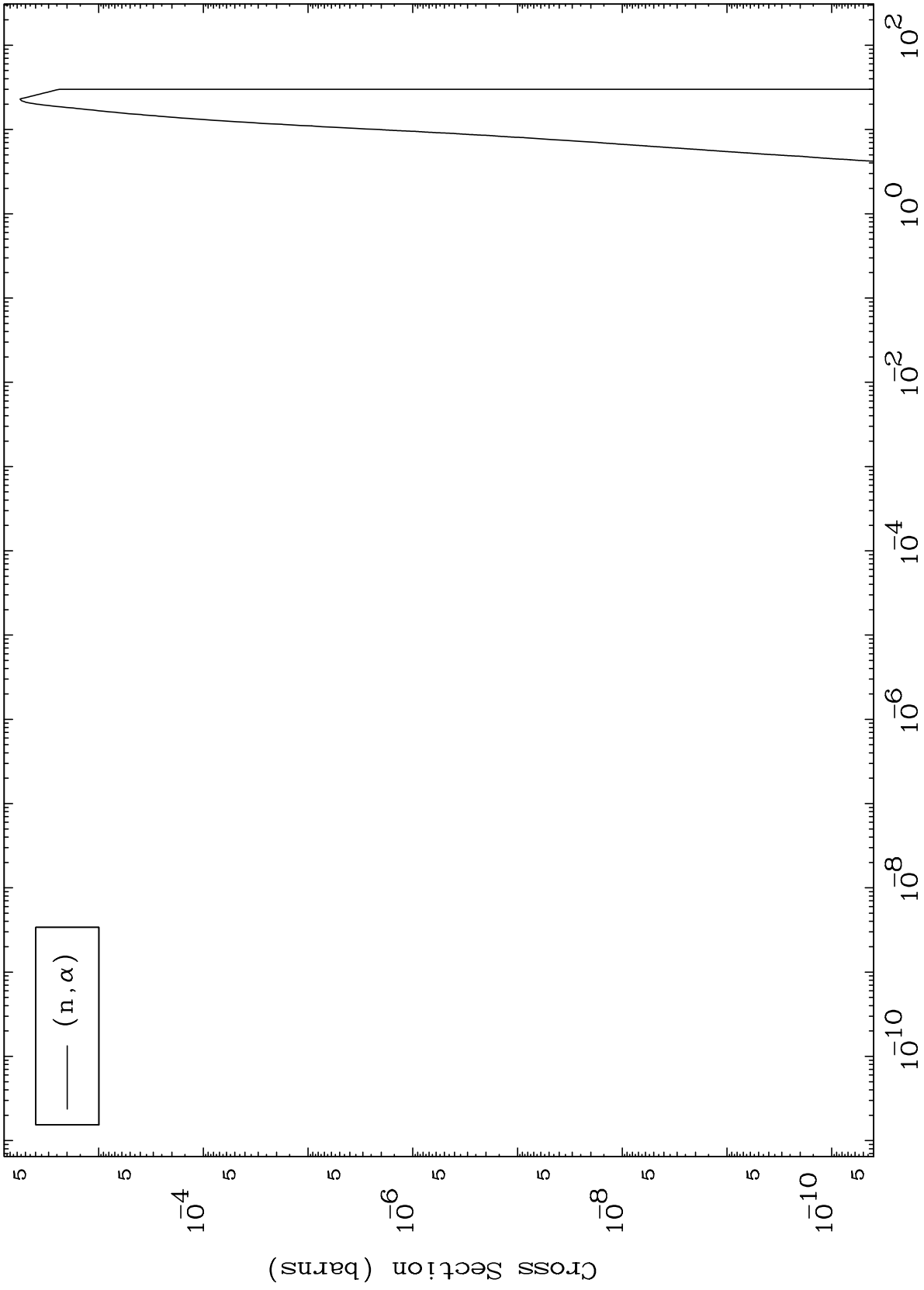


54-Xe-134

MAT 5455

(n,α) Levels  
293 Kelvin Cross Sections

54-Xe-134



15

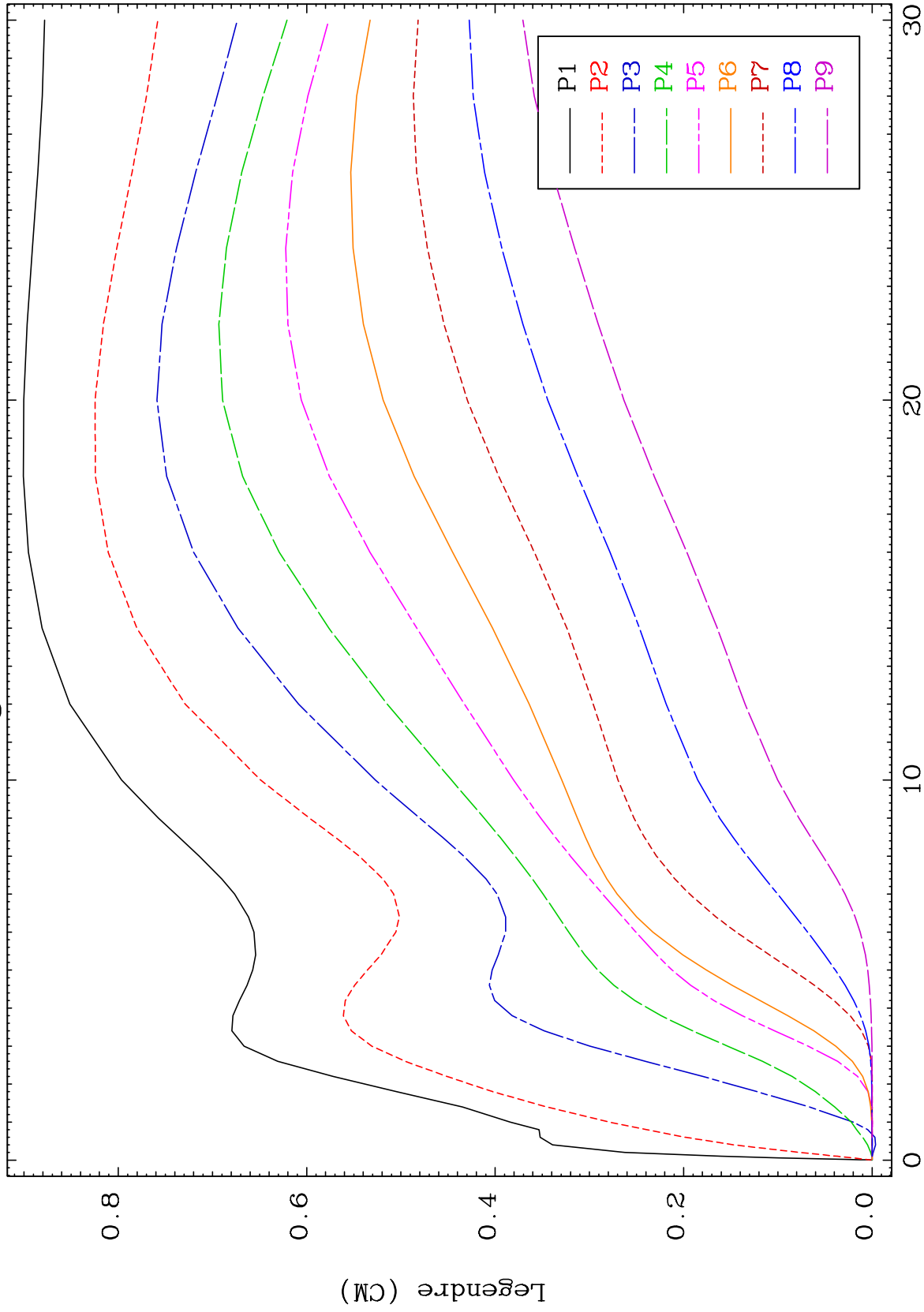
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



16

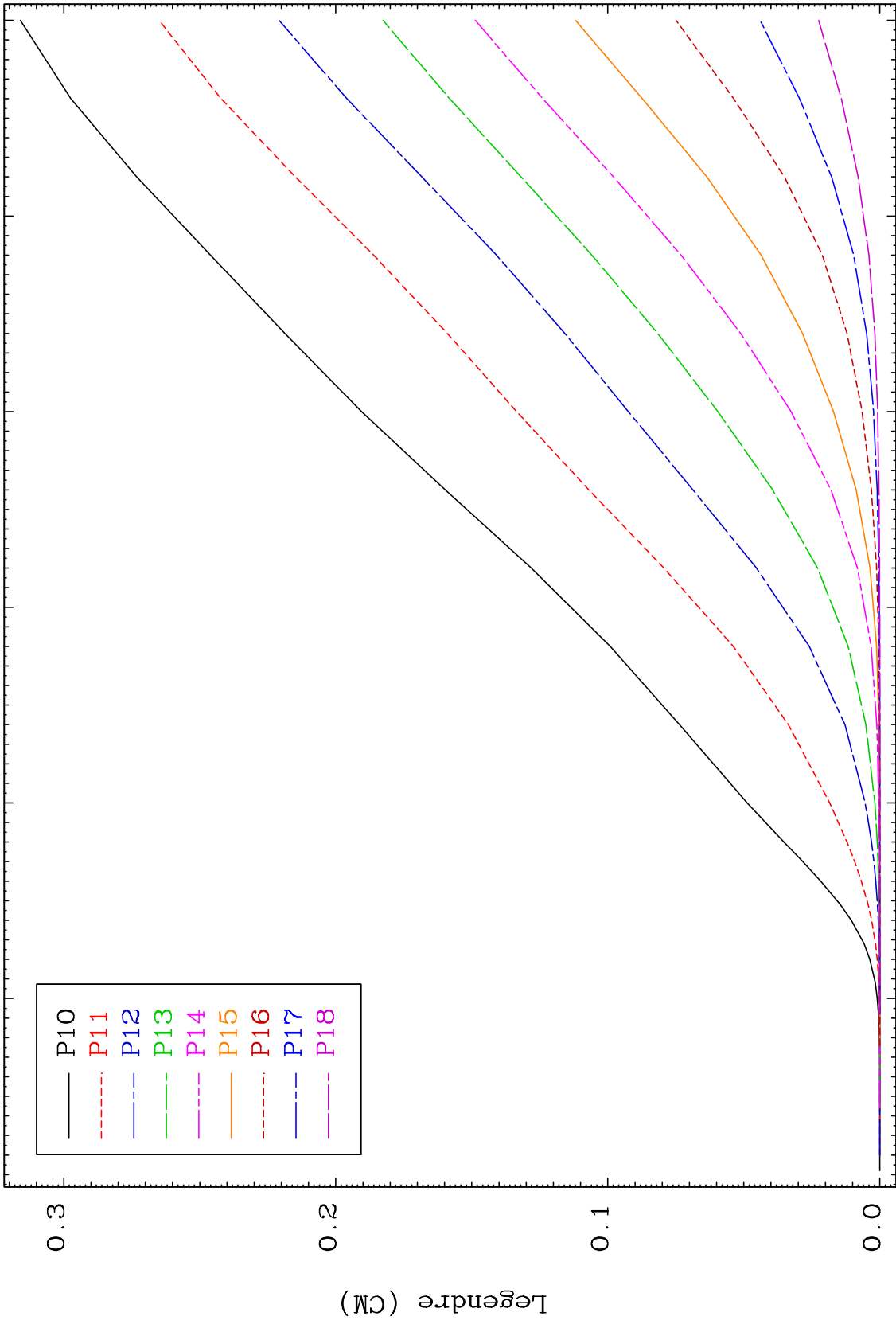
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



17

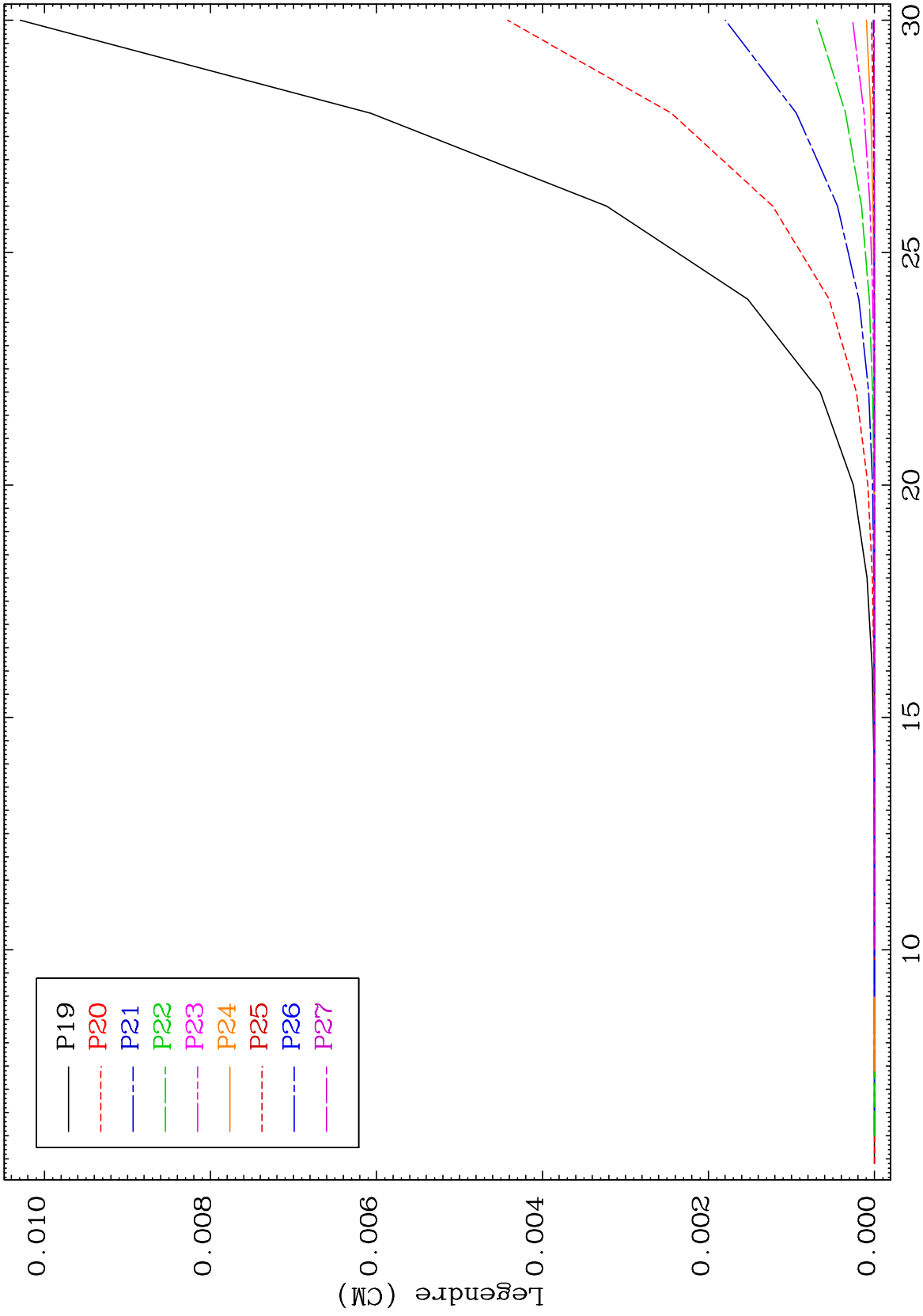
Incident Energy (MeV)

54-Xe-134

MAT 5455

### Elastic Legendre Coefficients

54-Xe-134



18

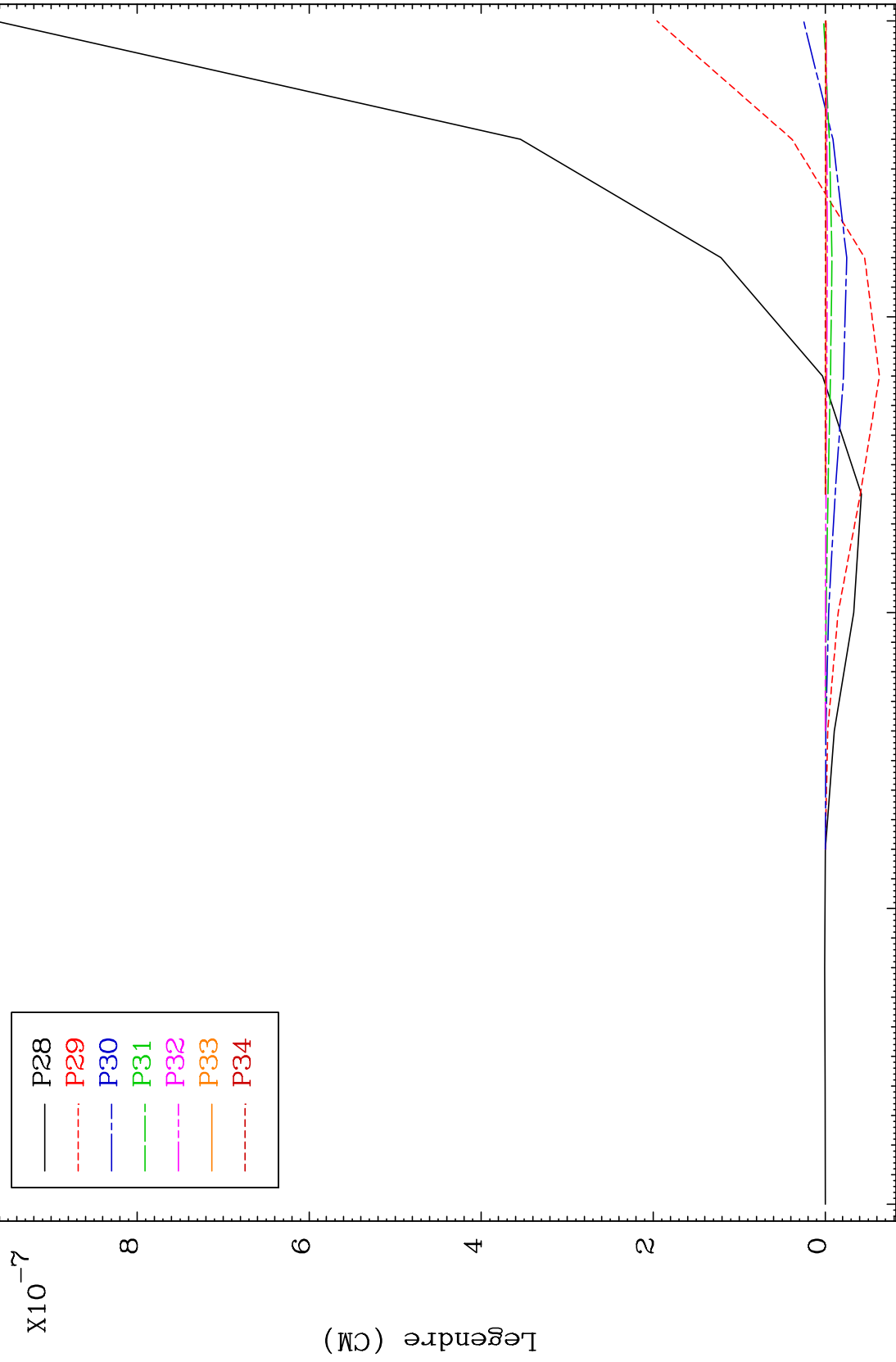
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

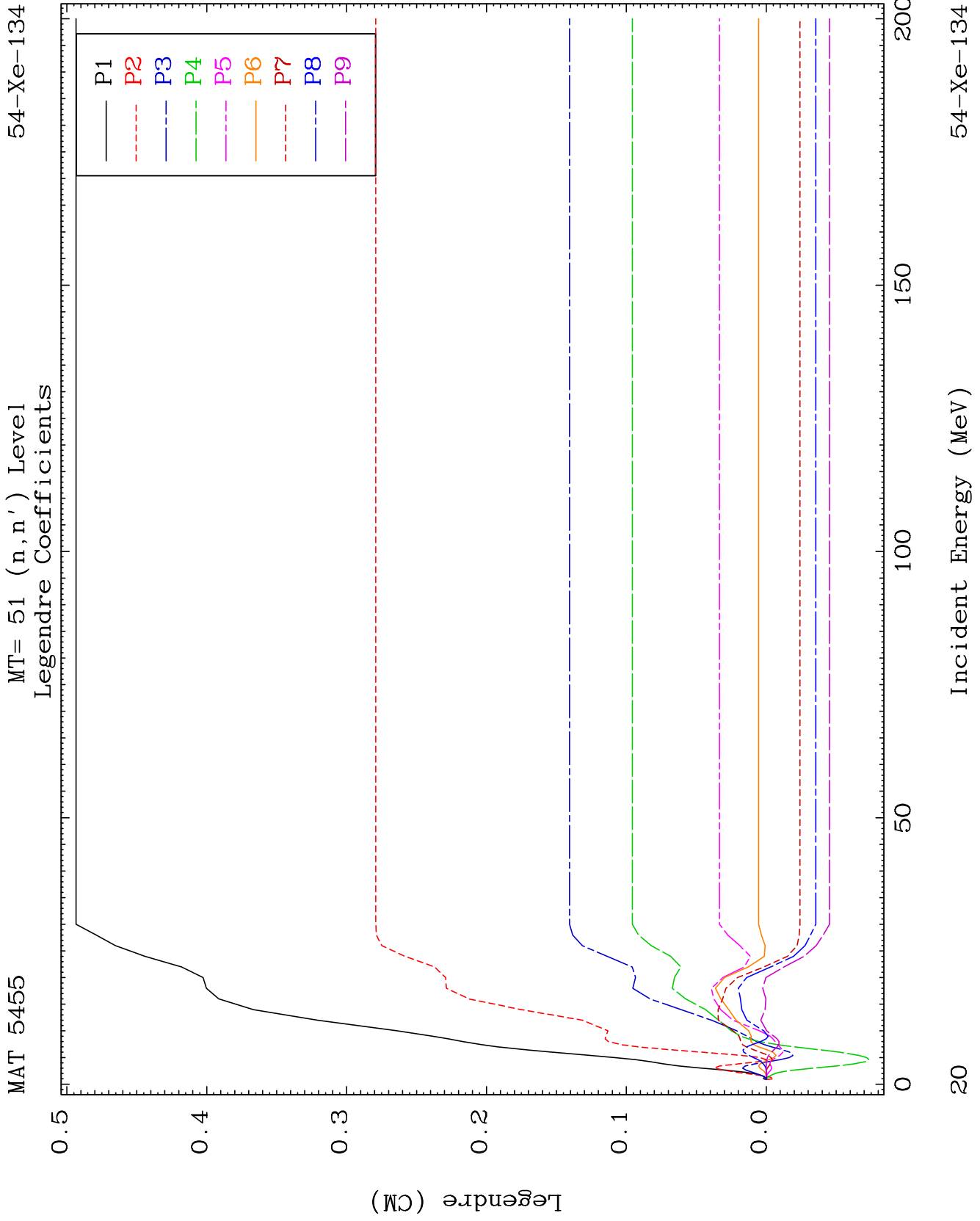
54-Xe-134



19

Incident Energy (MeV)

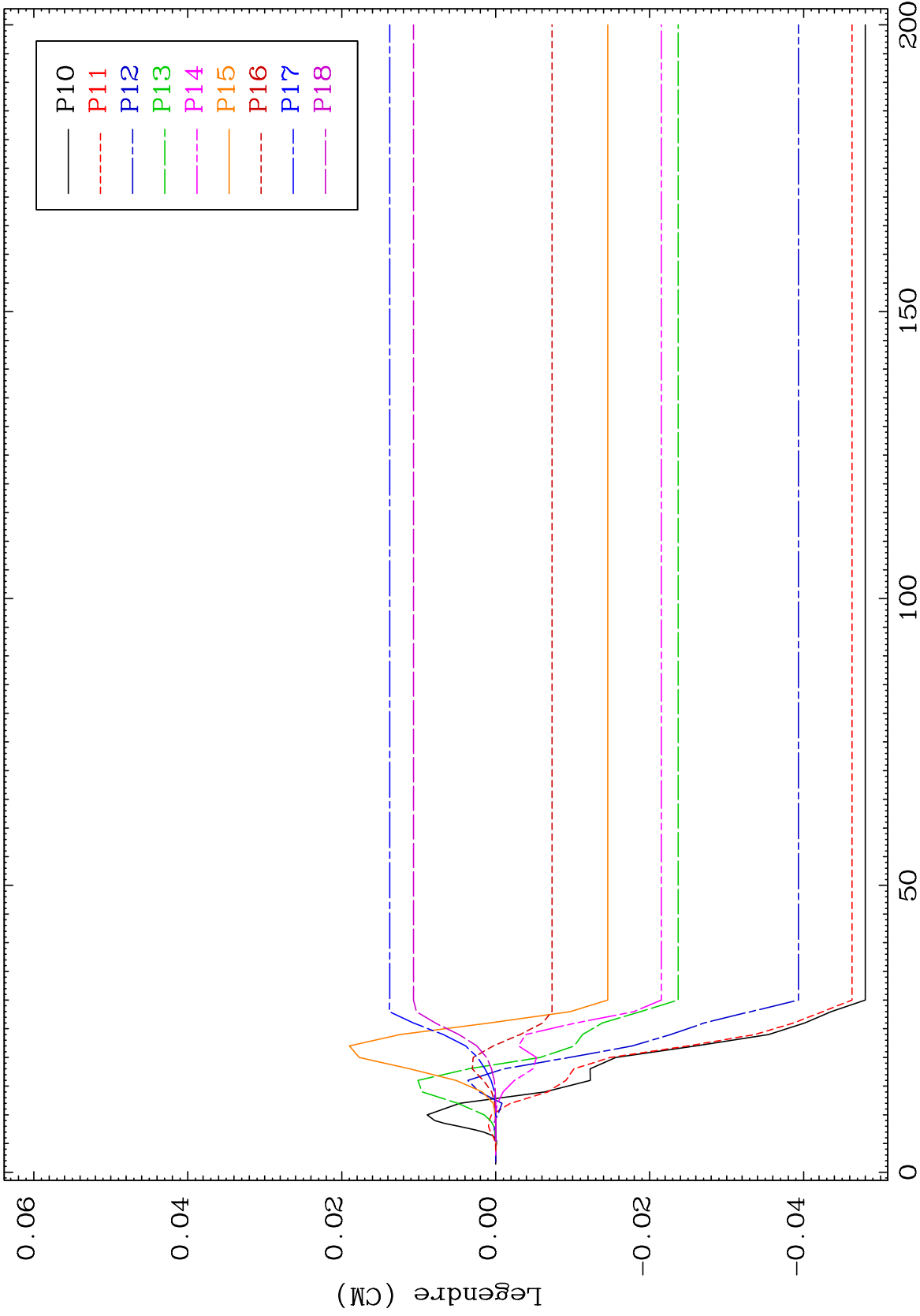
54-Xe-134



MAT 5455

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

54-Xe-134



21

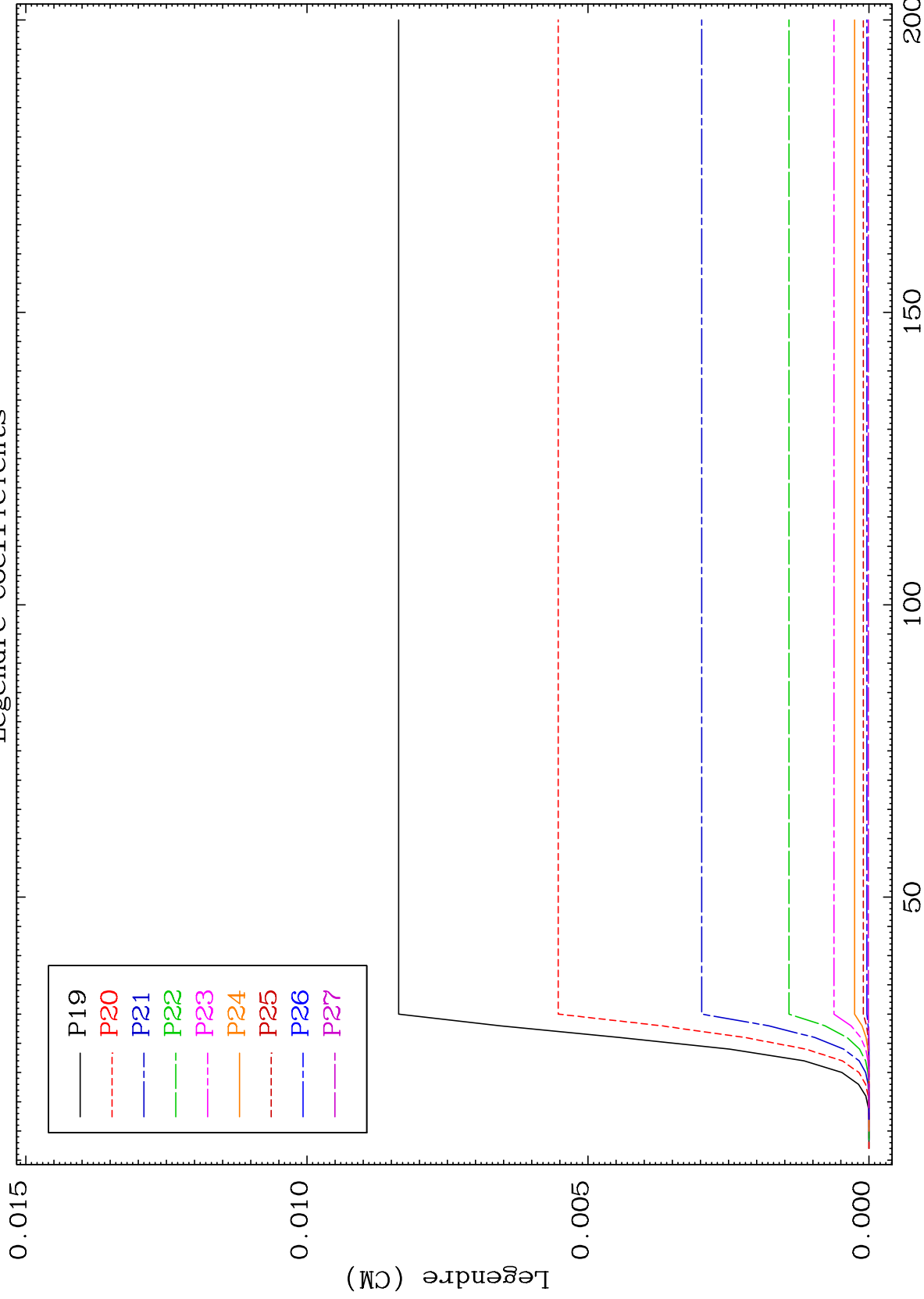
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



22

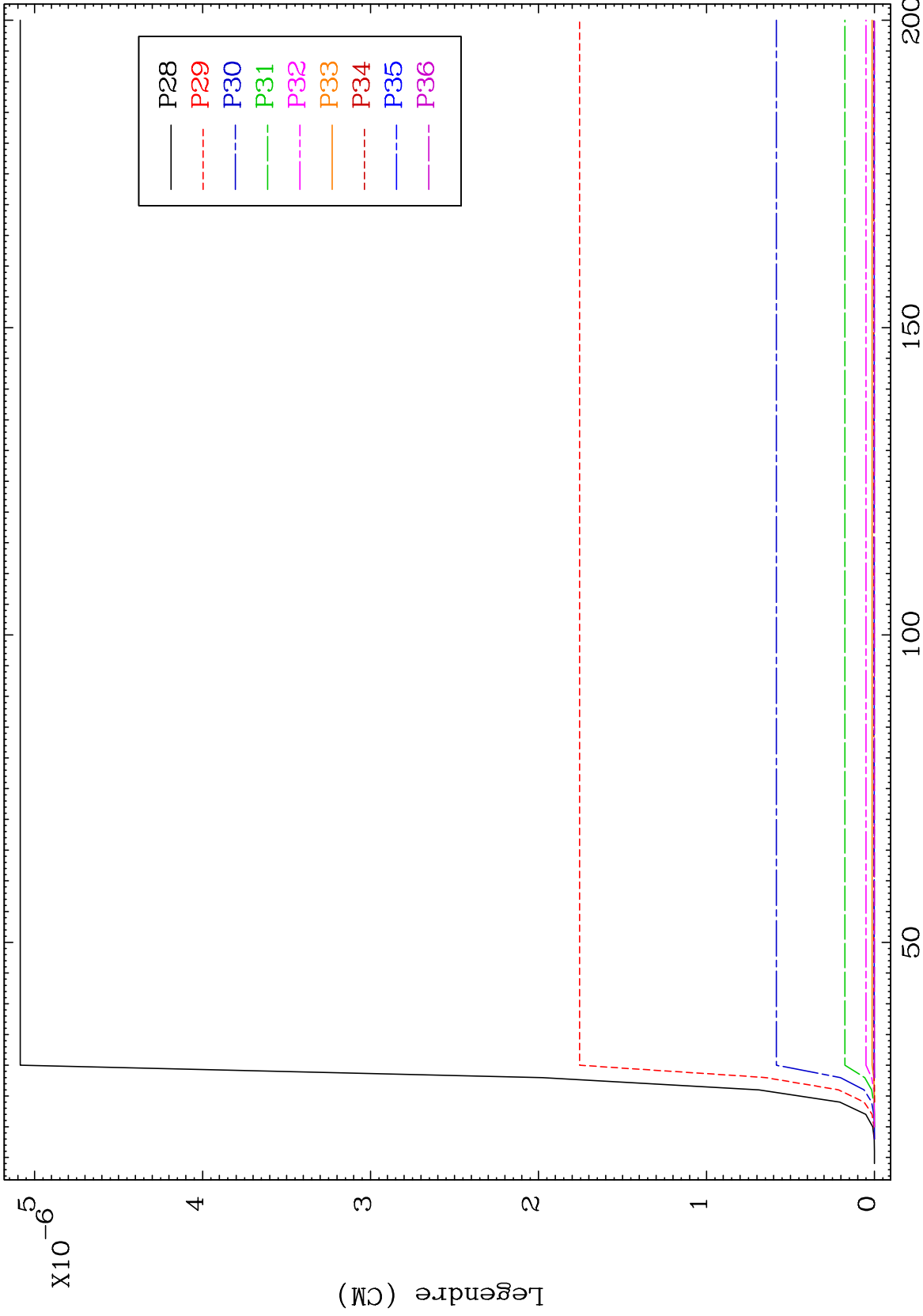
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



23

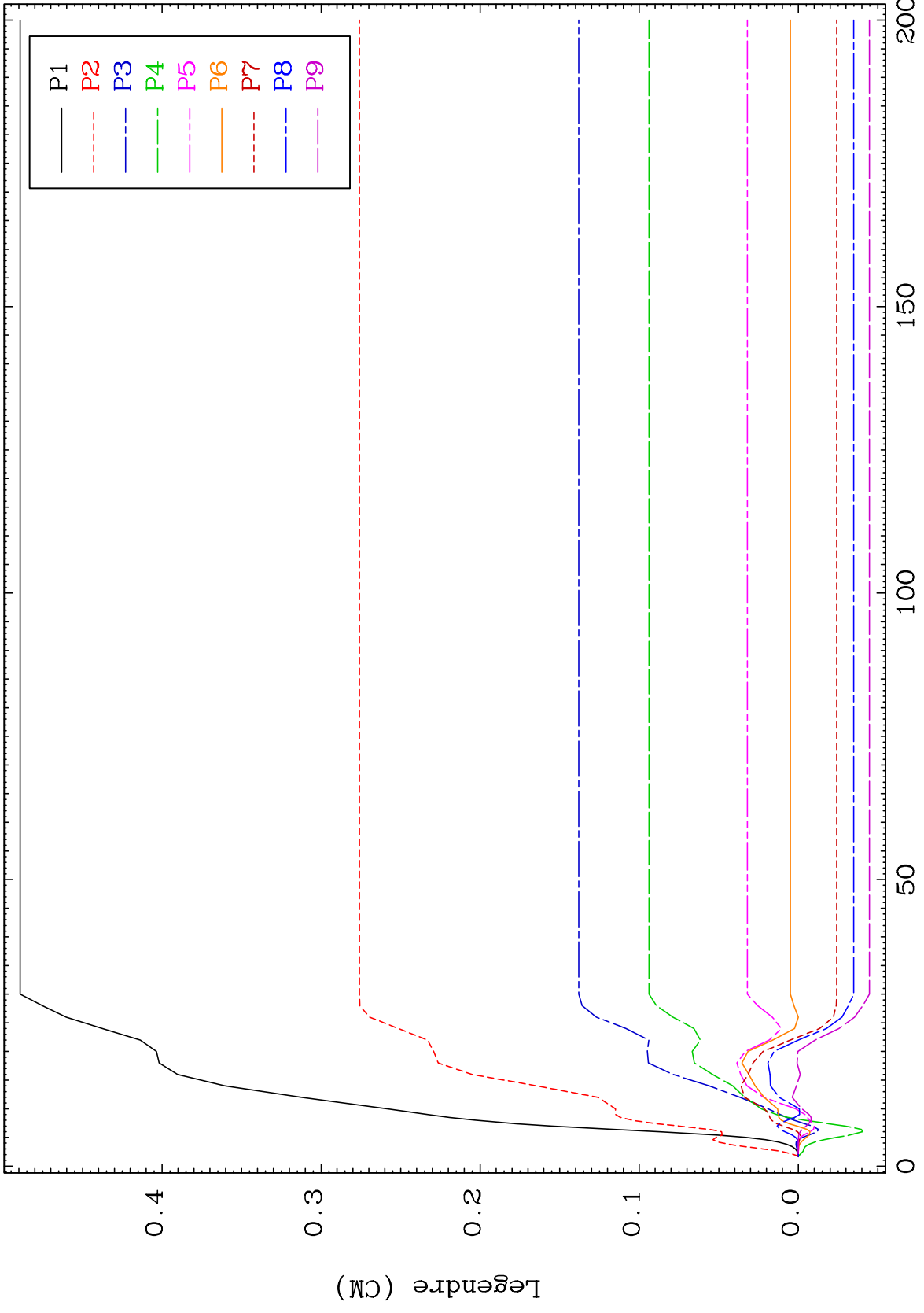
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



24

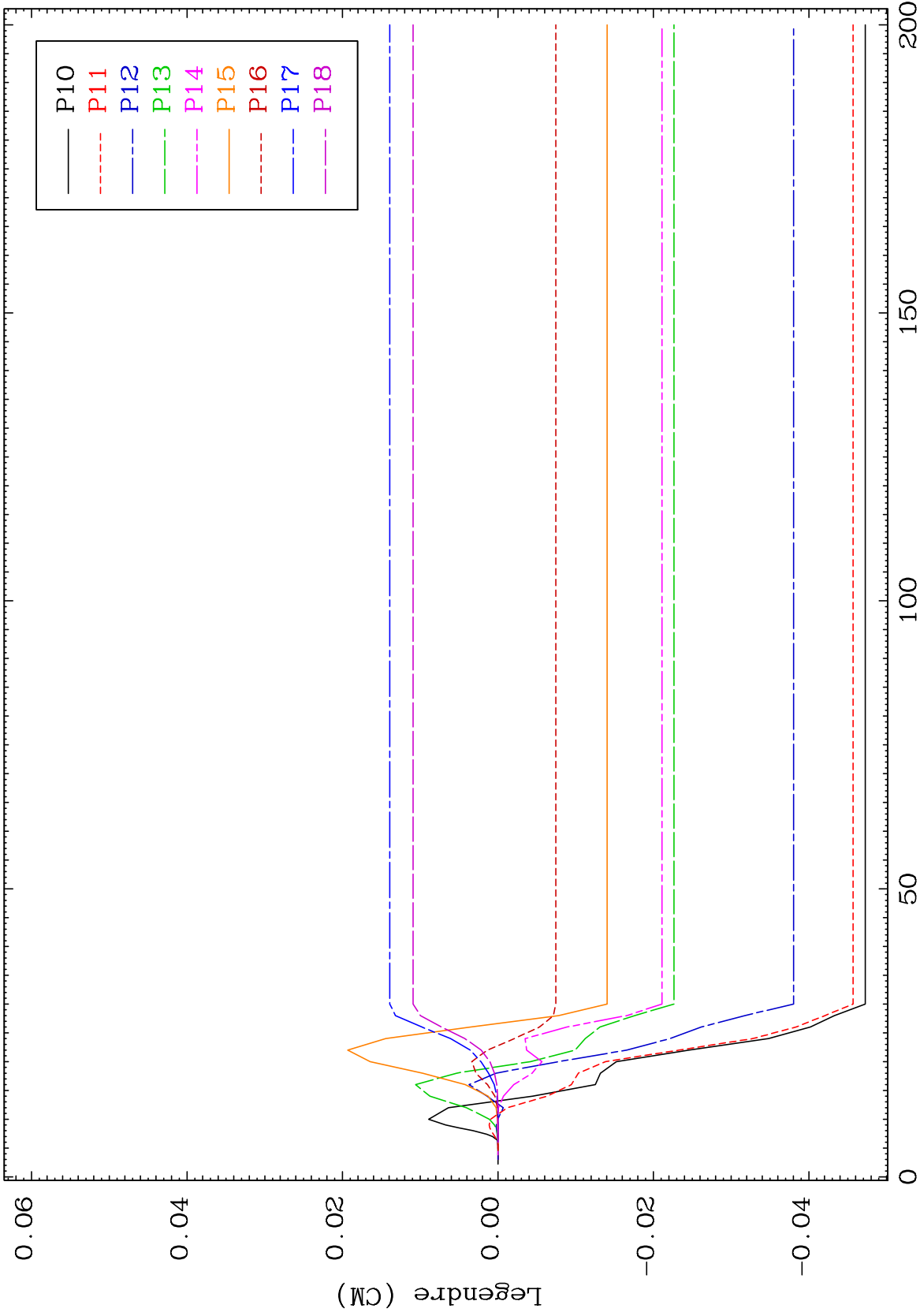
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



25

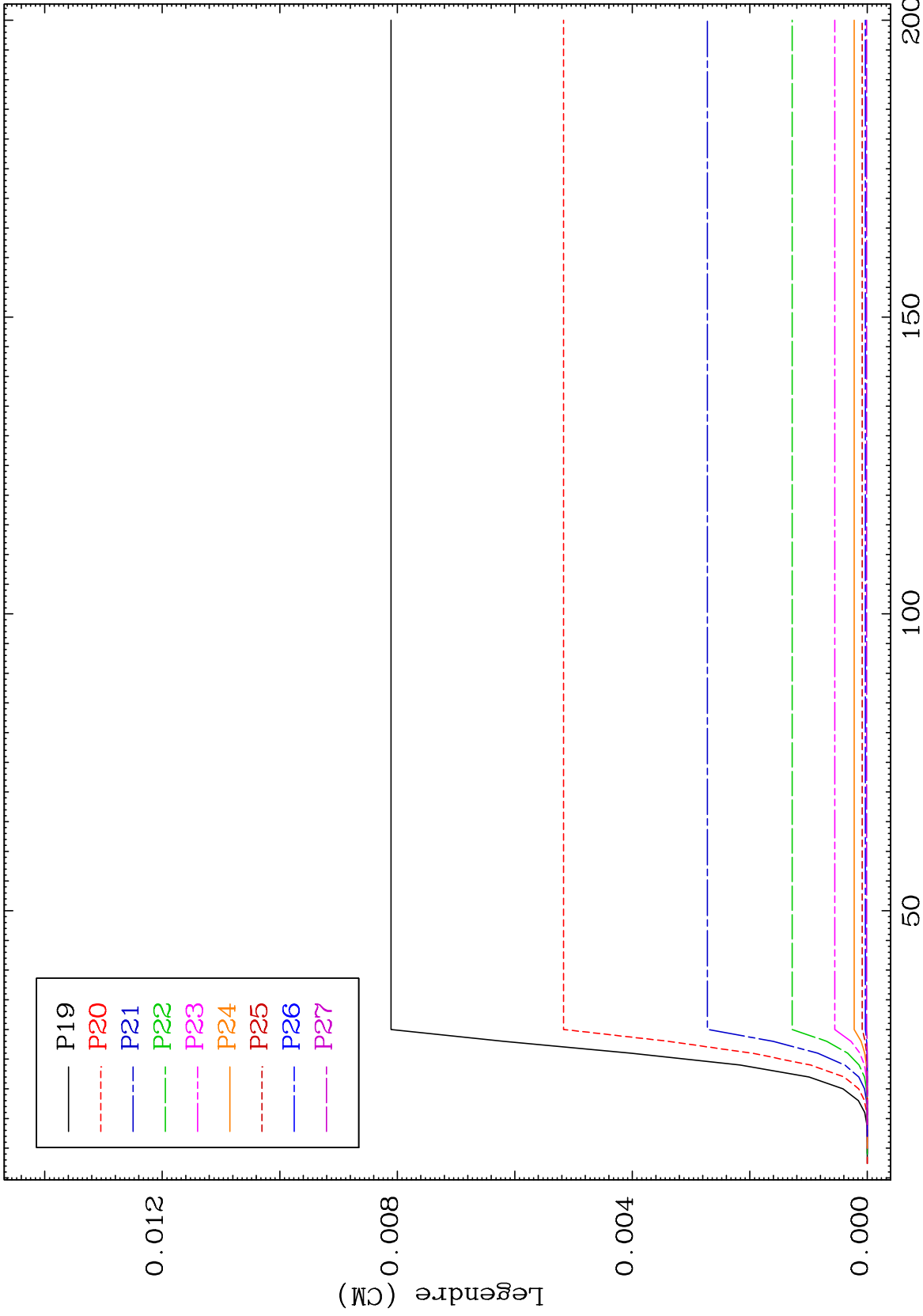
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



26

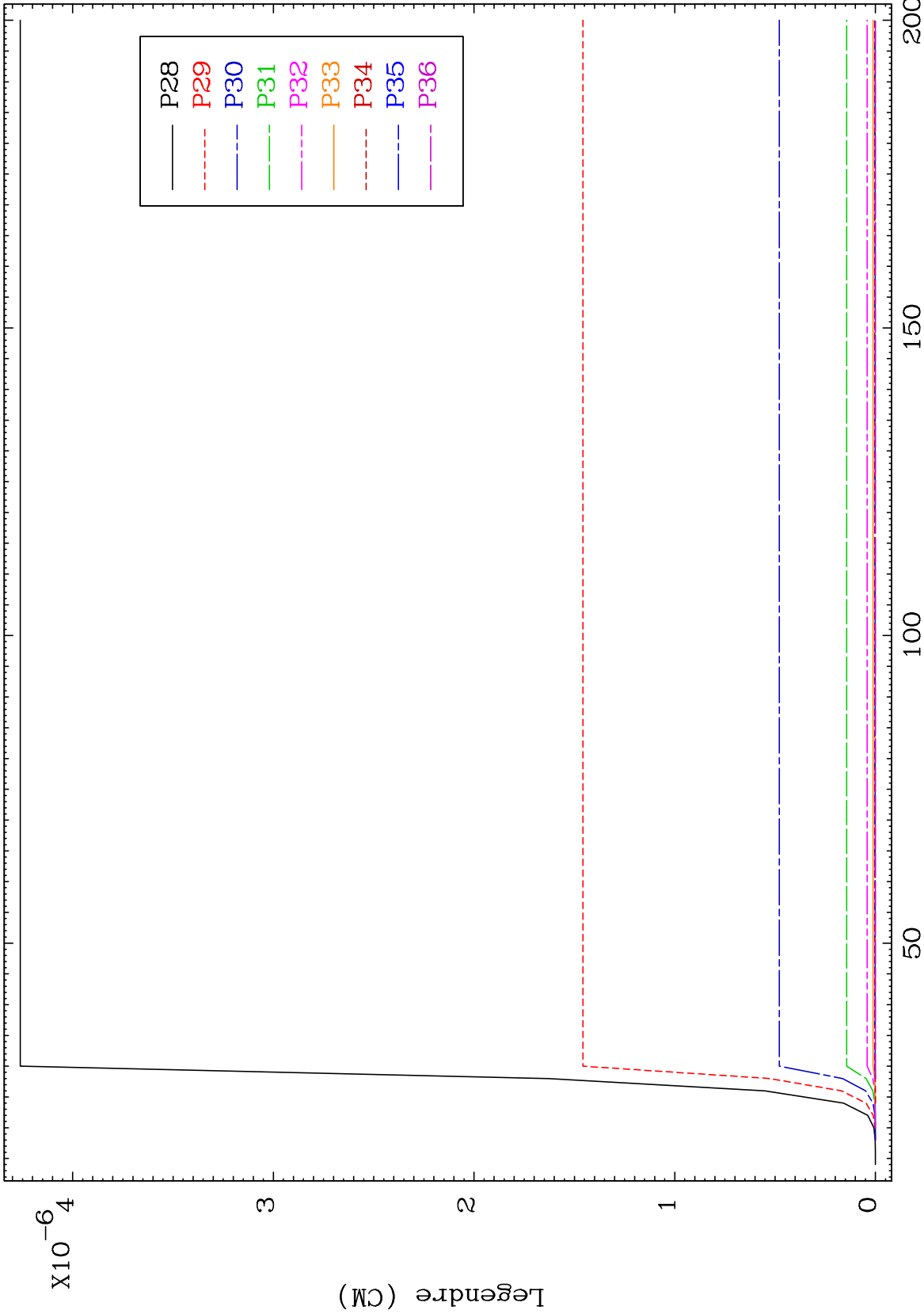
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



27

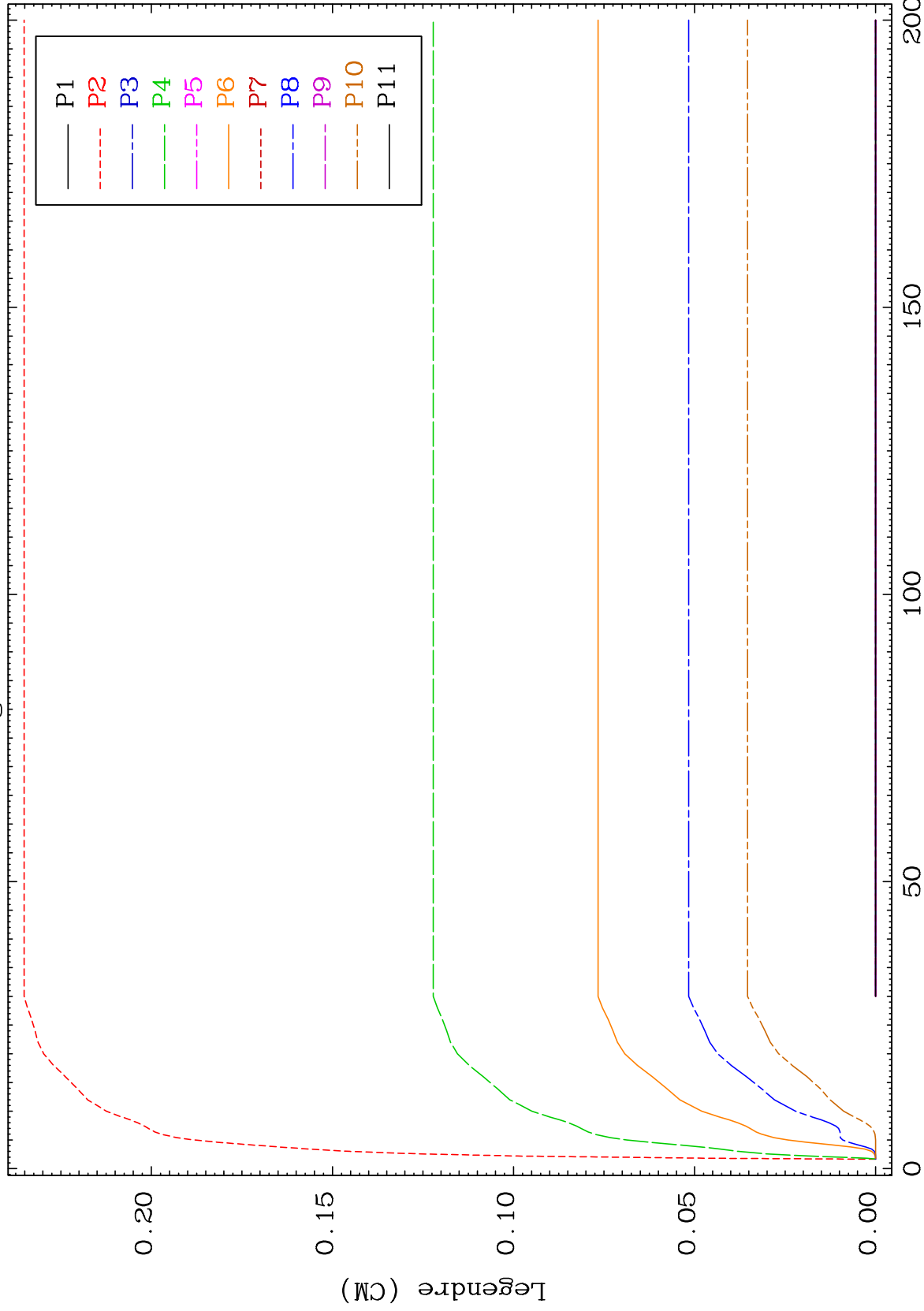
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



28

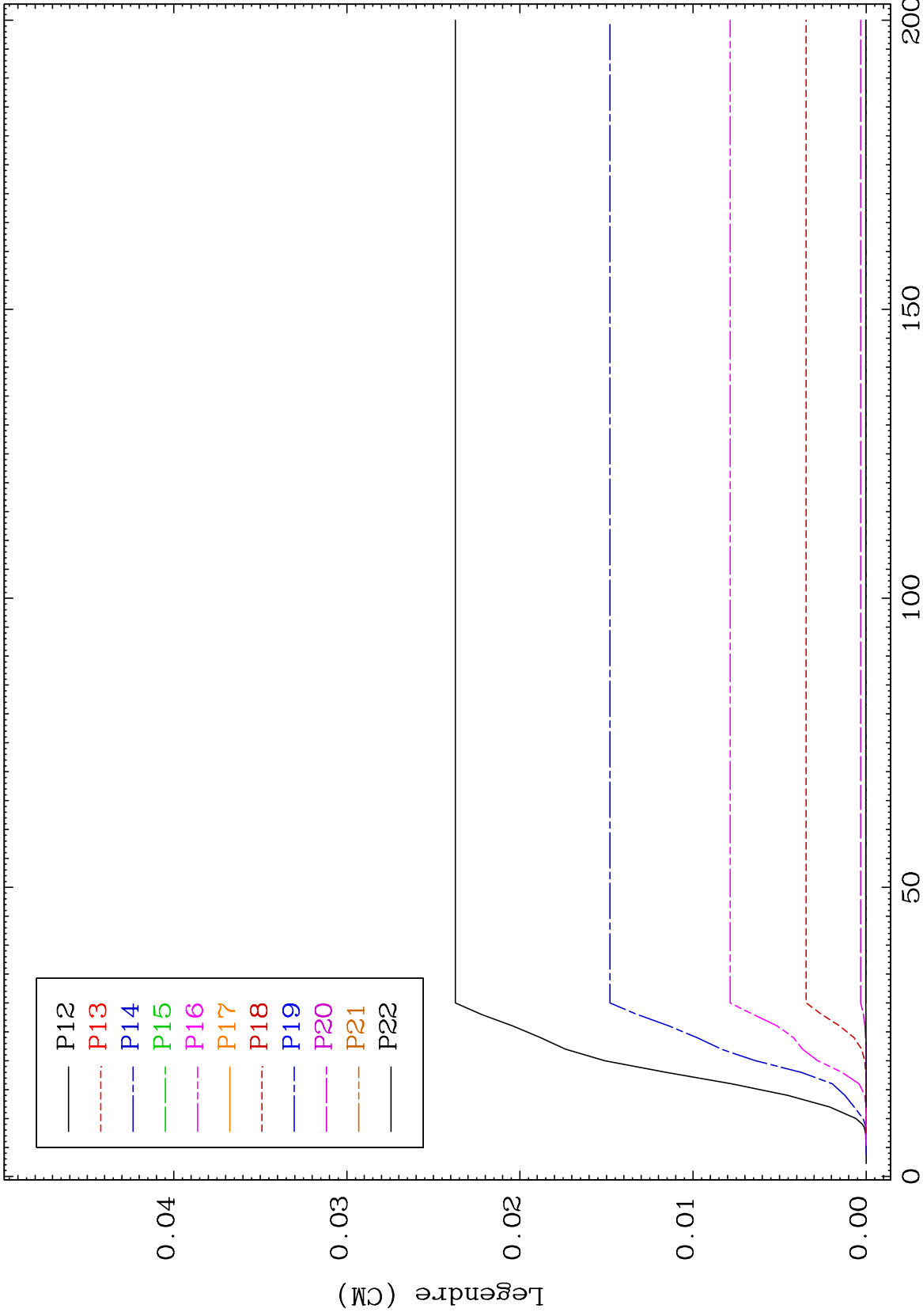
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



29

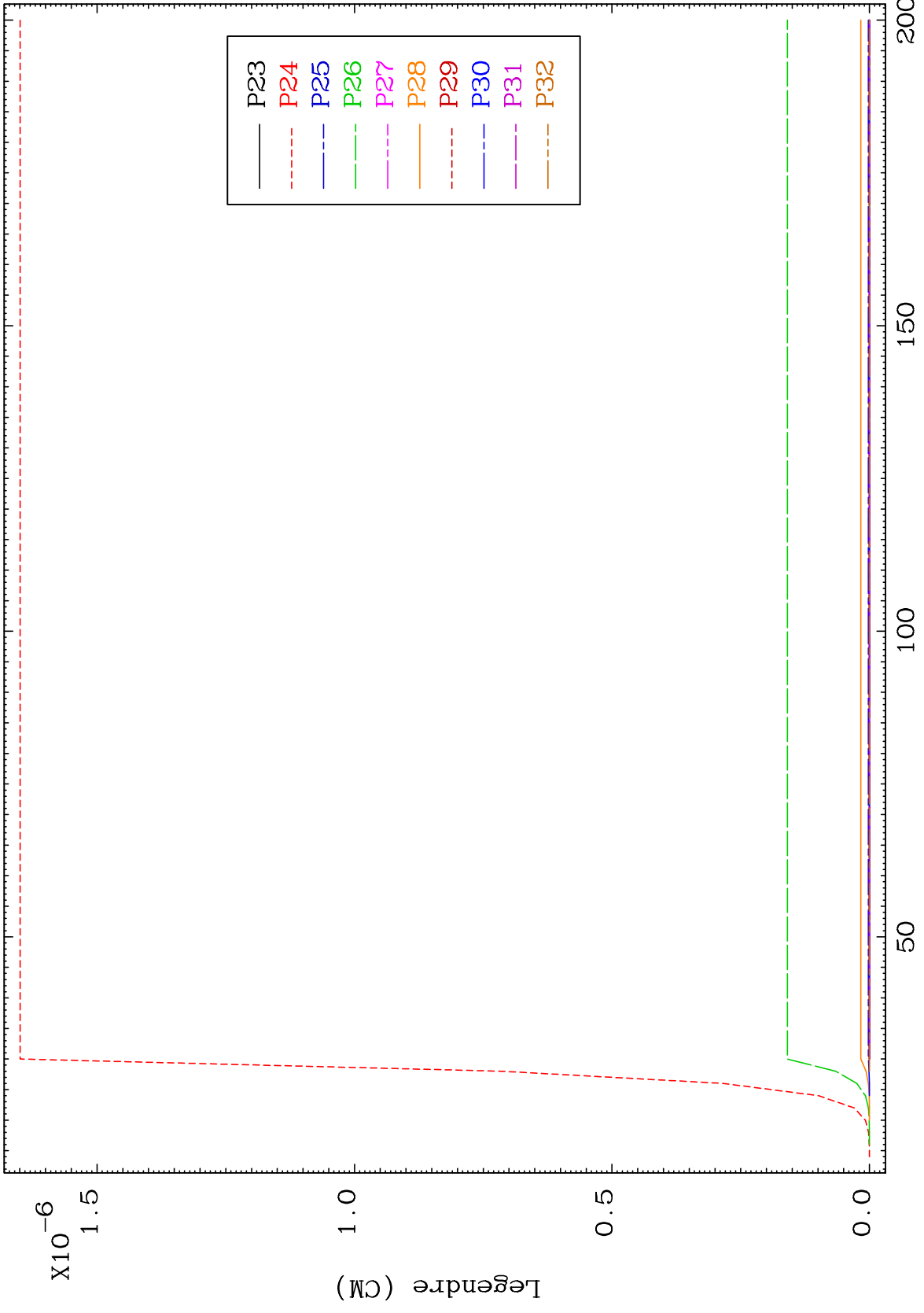
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

Incident Energy (MeV)

30

50

100

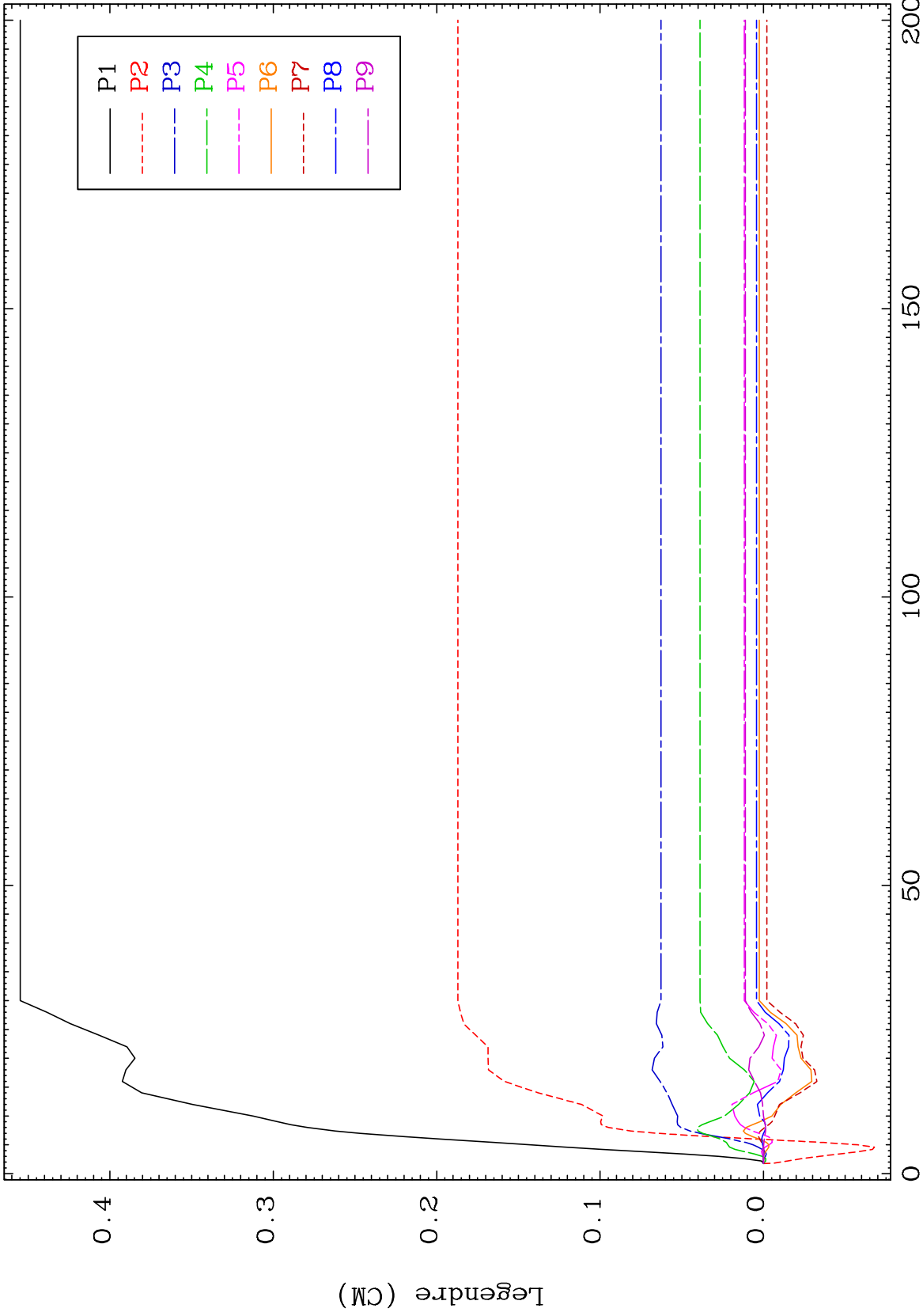
150

200

MAT 5455

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

54-Xe-134



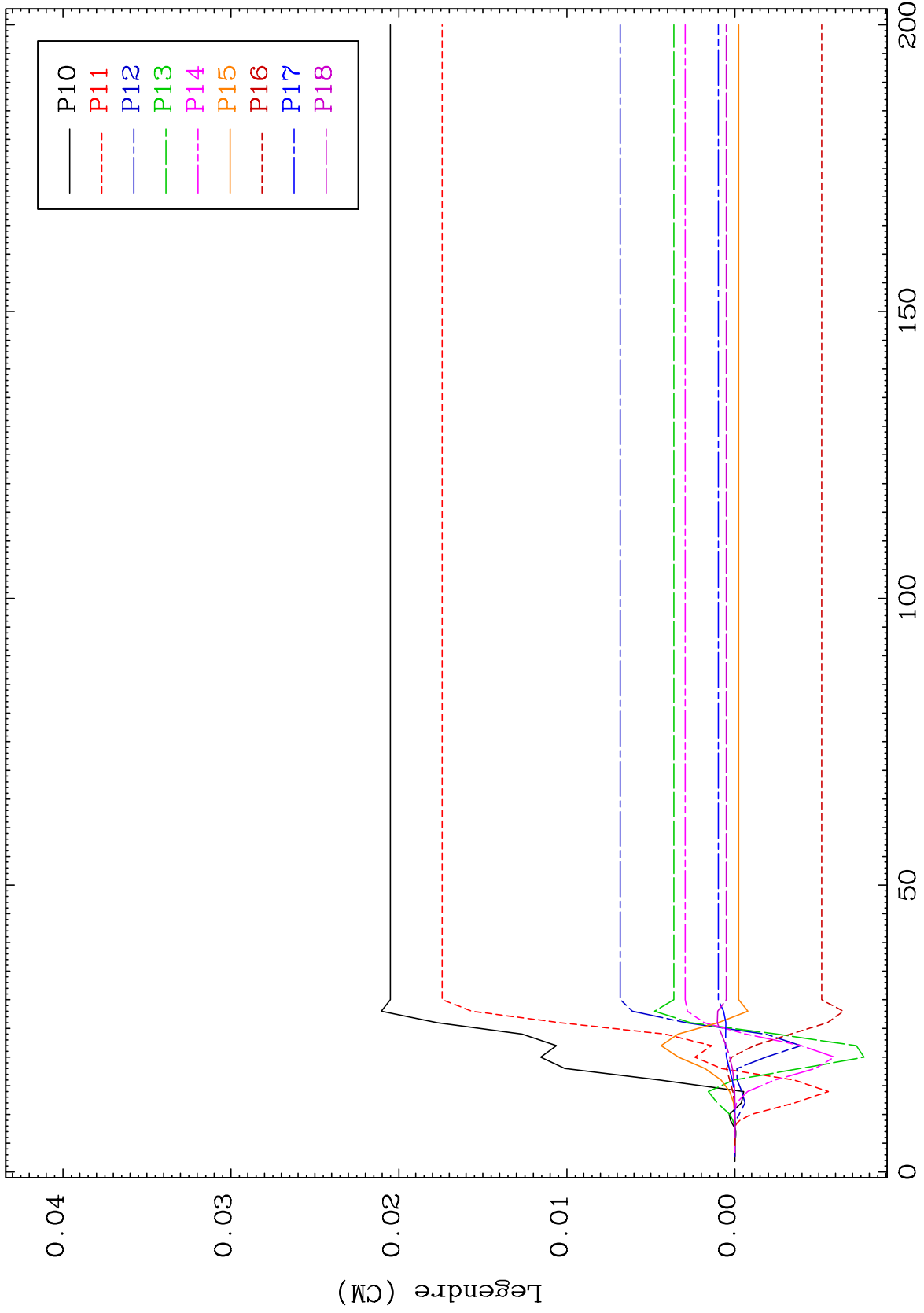
31

54-Xe-134

MAT 5455

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

54-Xe-134



32

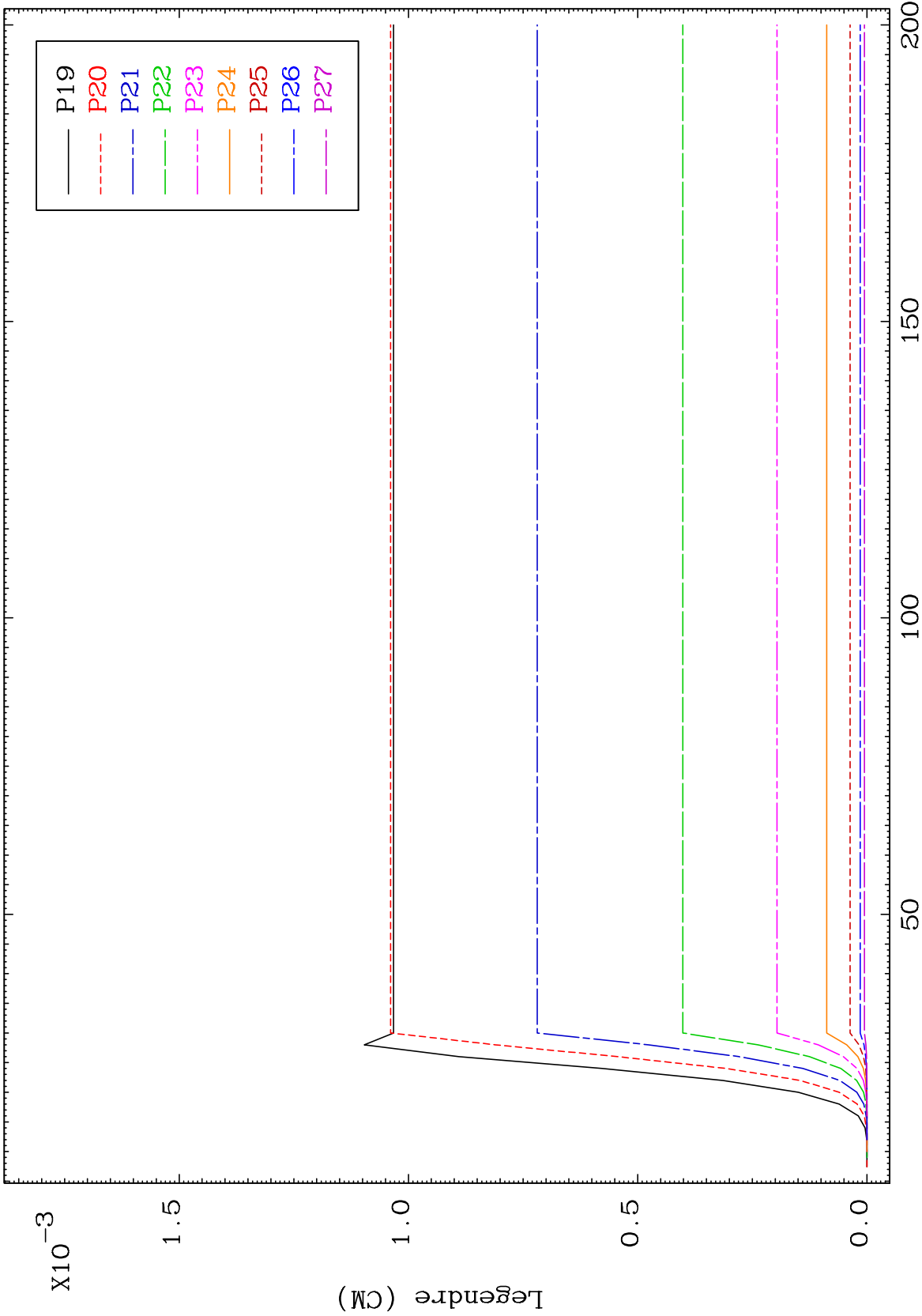
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



33

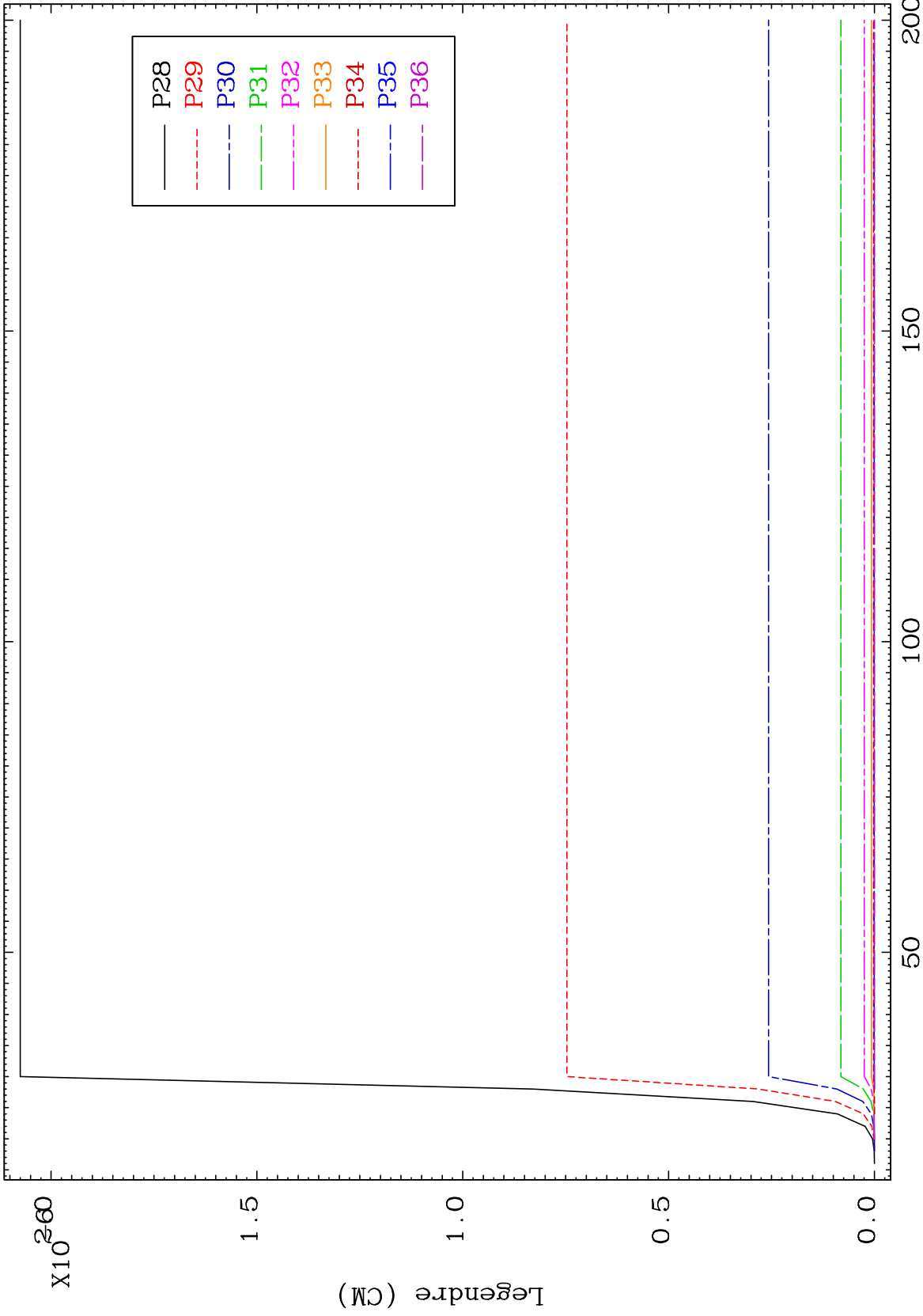
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

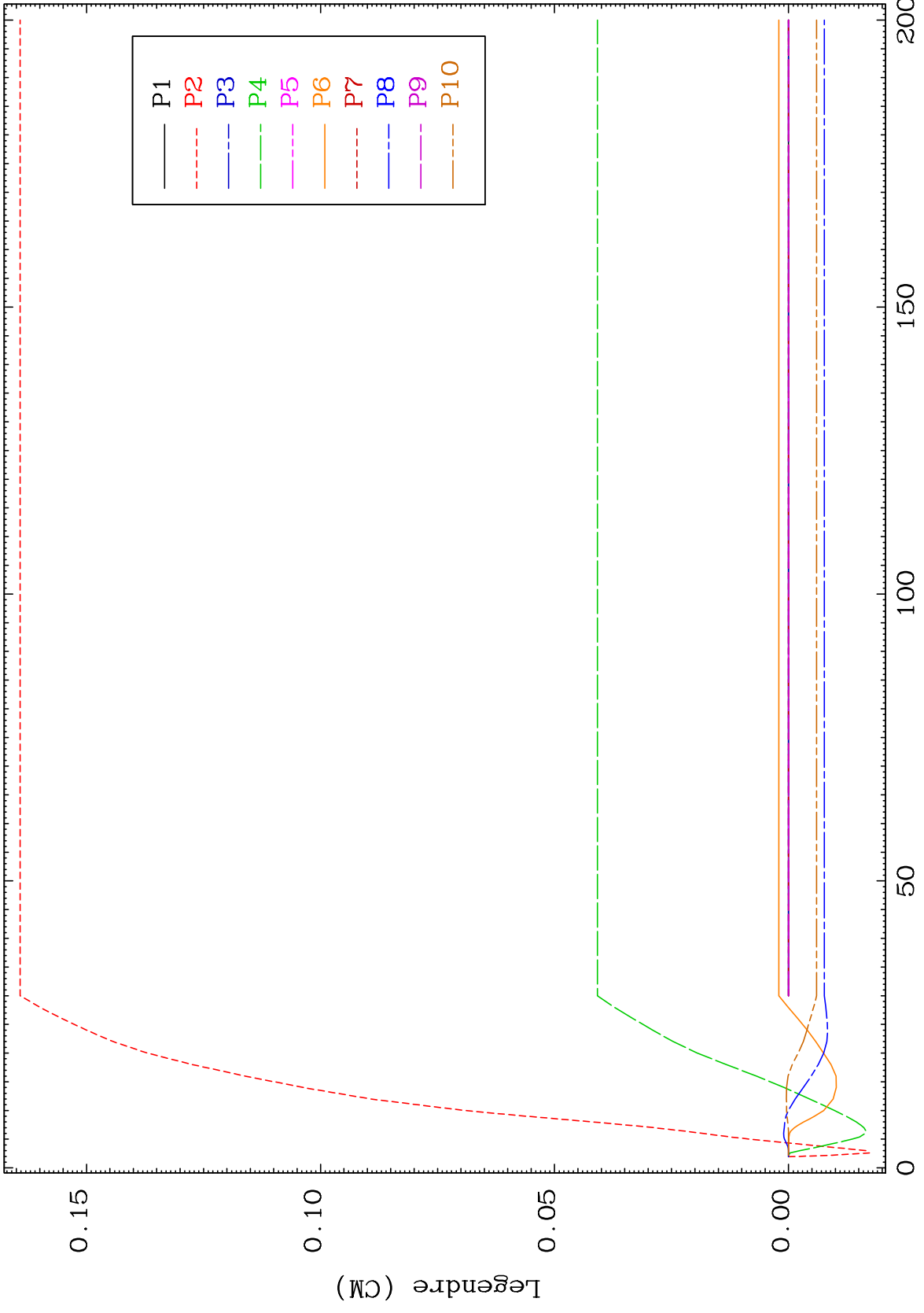


34

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-134

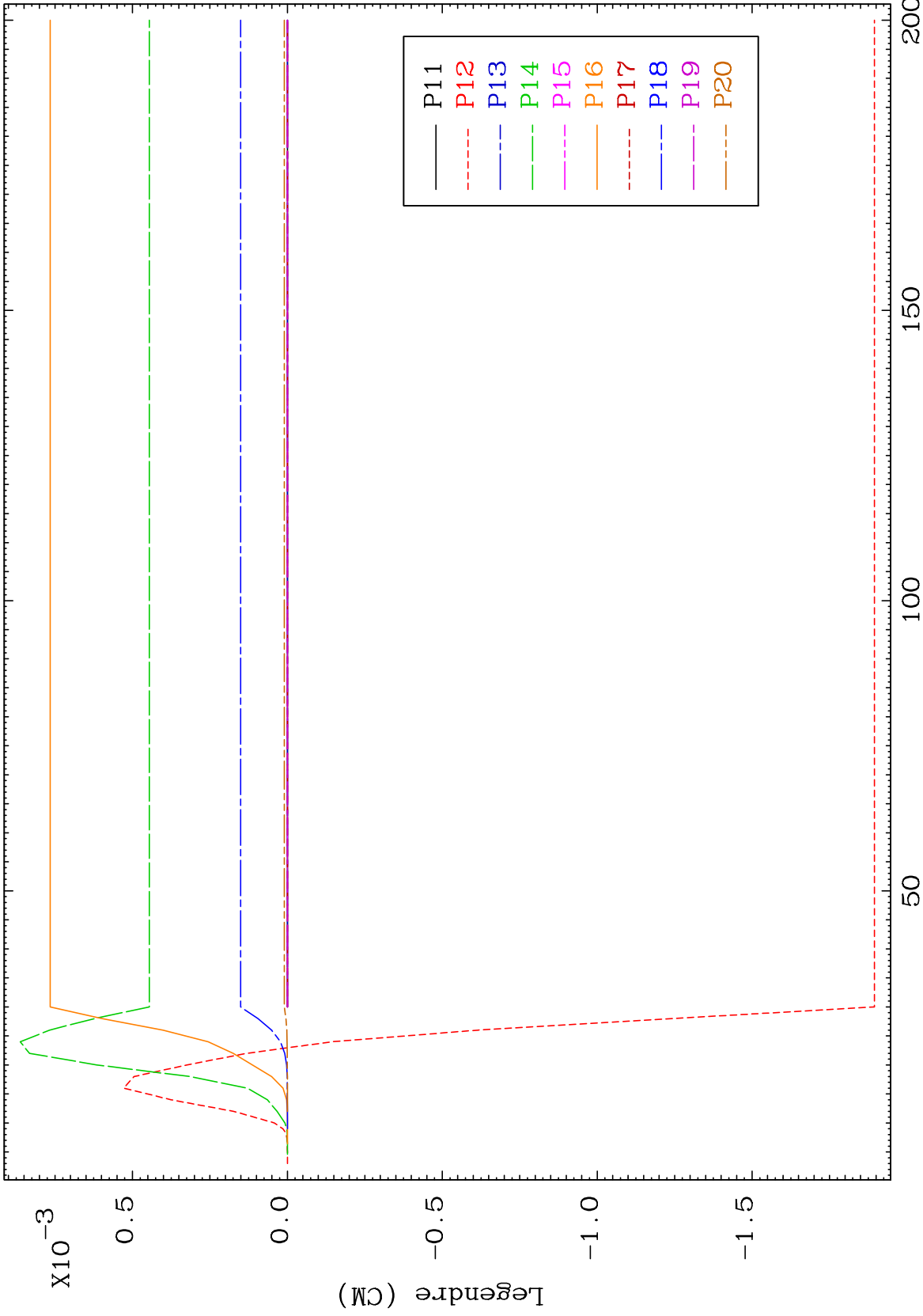


35 Incident Energy (MeV) 54-Xe-134

MAT 5455

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

54-Xe-134

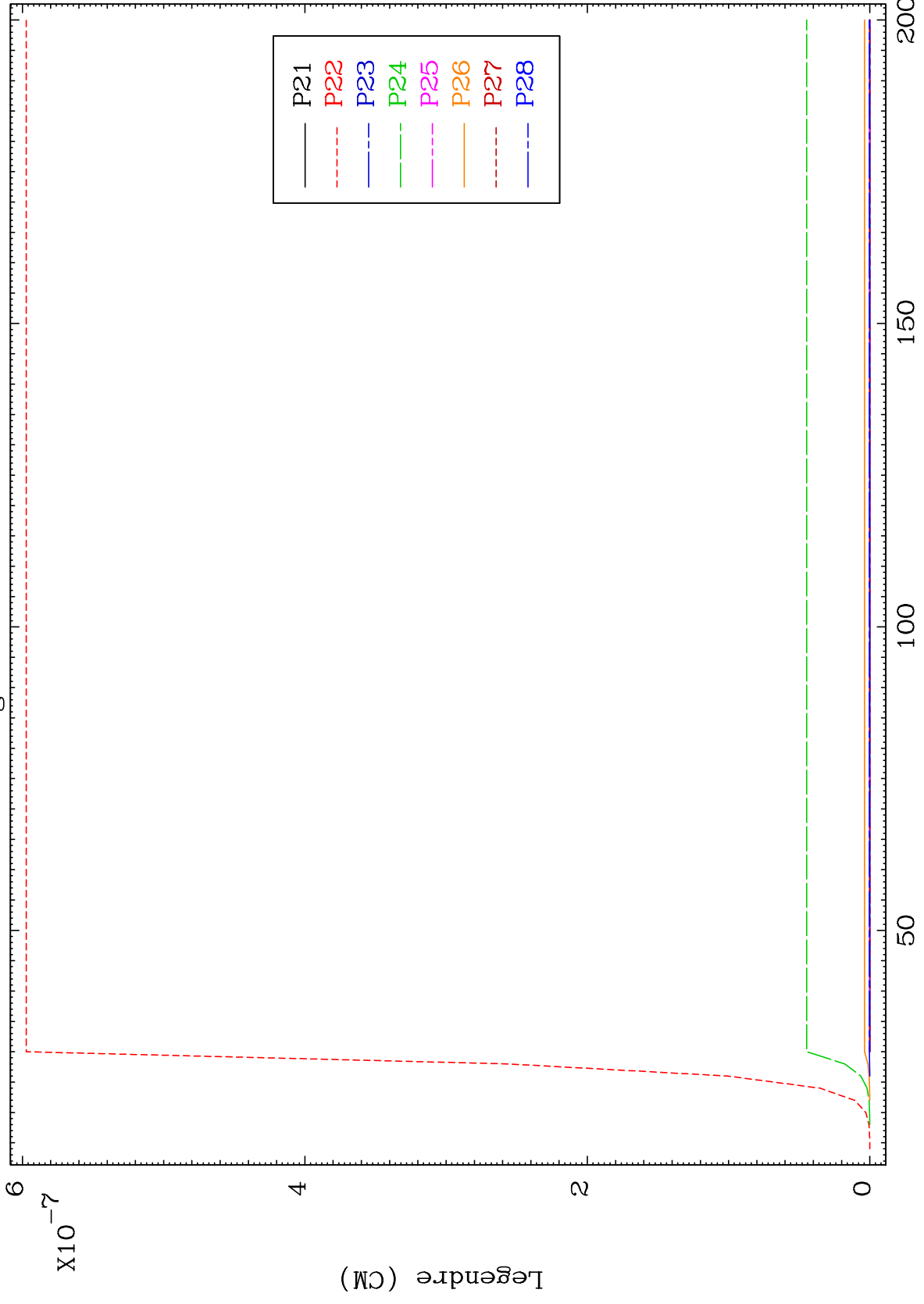


36

Incident Energy (MeV)

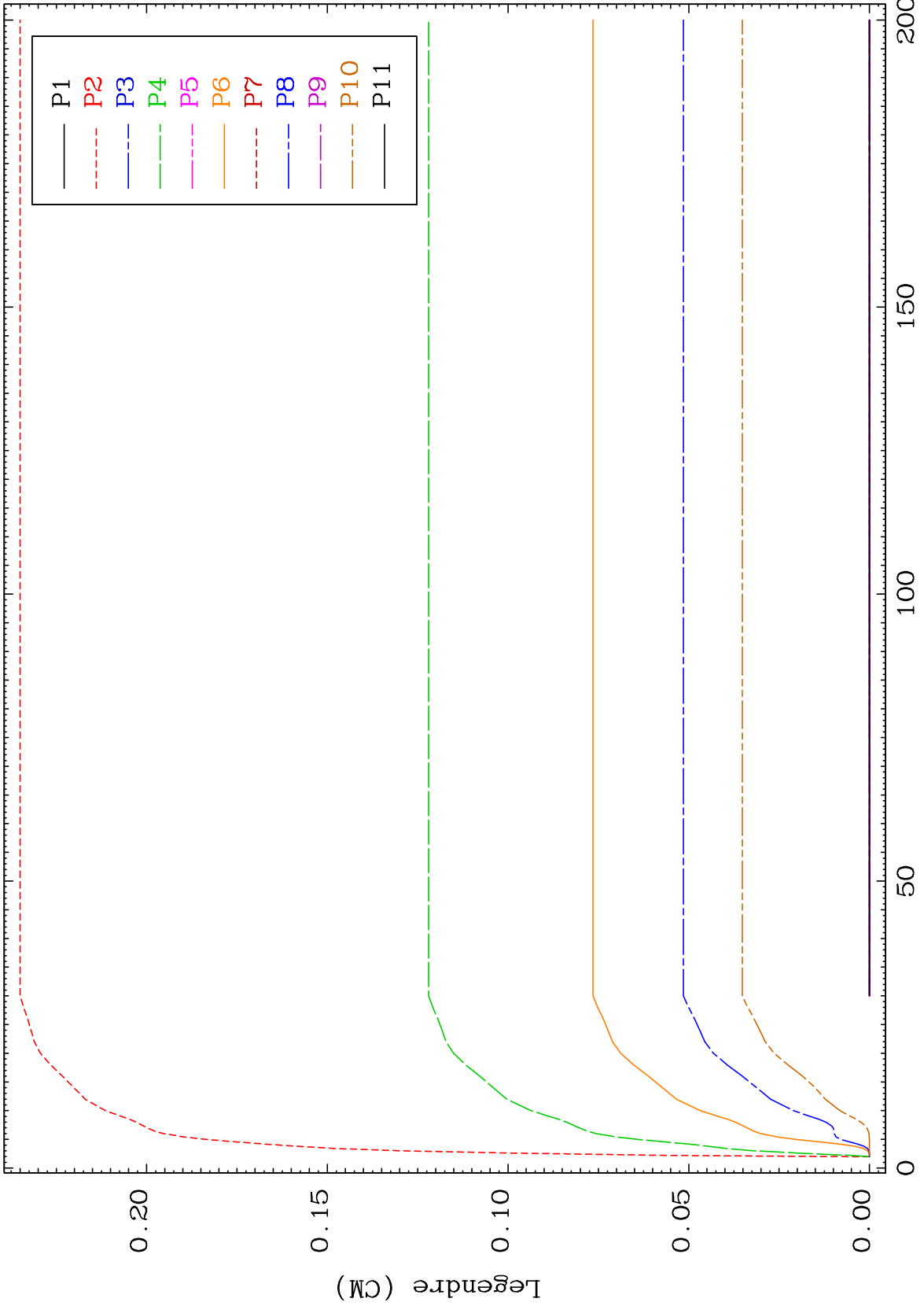
54-Xe-134

MAT 5455 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-134



37 Incident Energy (MeV) 54-Xe-134

MAT 5455 MT= 56 (n,n') Level Legendre Coefficients 54-Xe-134

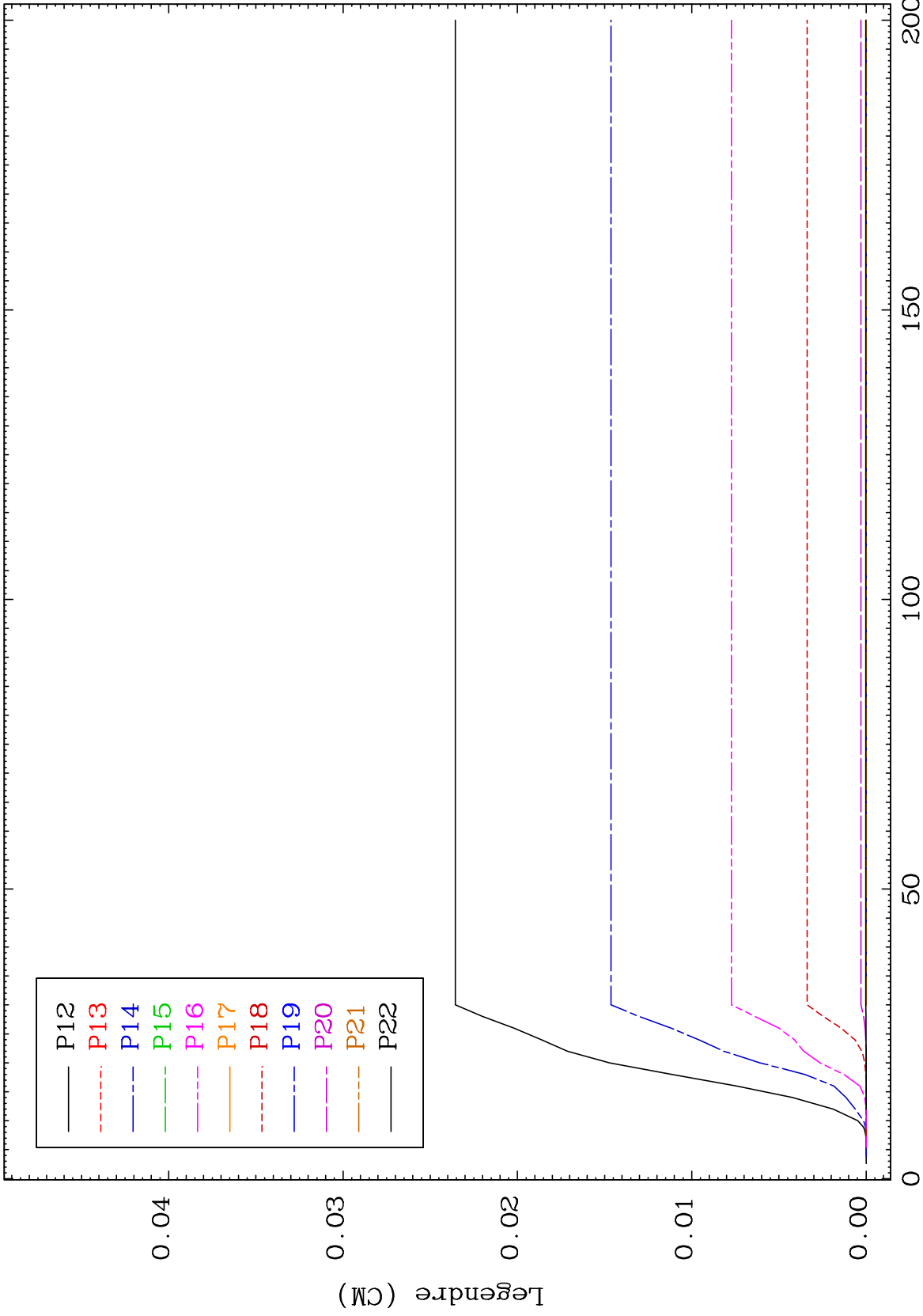


38 54-Xe-134

MAT 5455

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

54-Xe-134

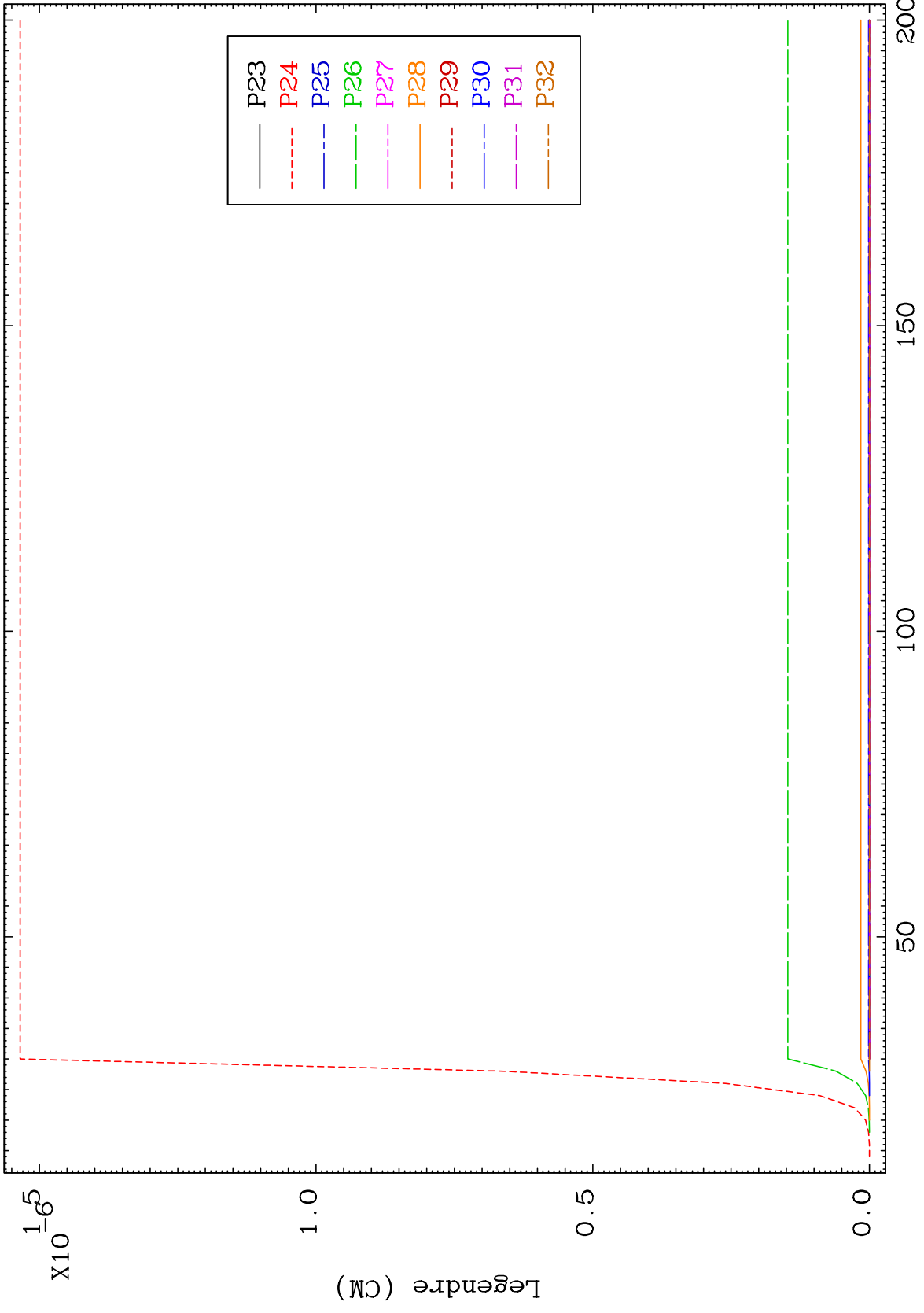


39

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 56 (n,n') Level Legendre Coefficients 54-Xe-134

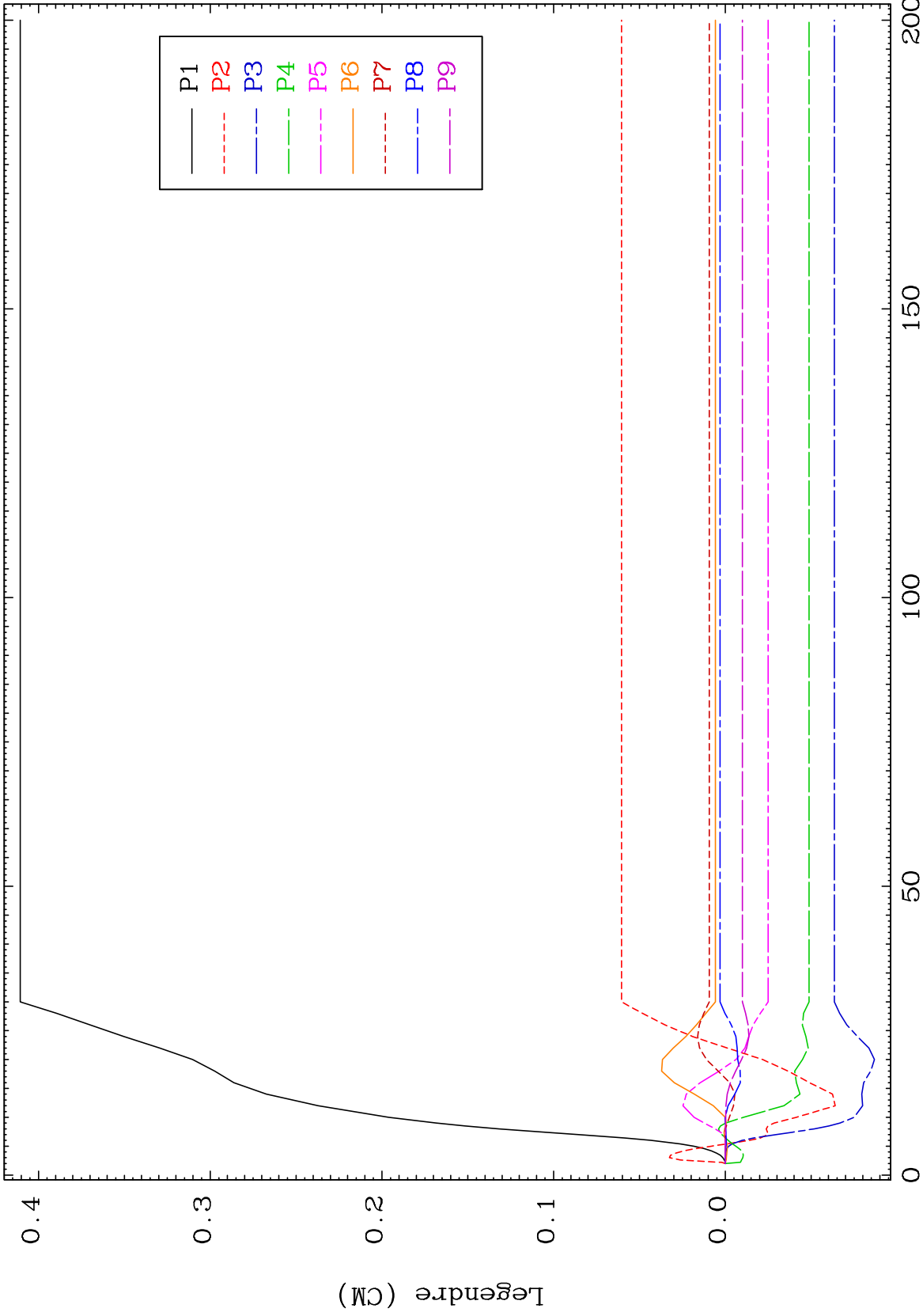


54-Xe-134

MAT 5455

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

54-Xe-134



41

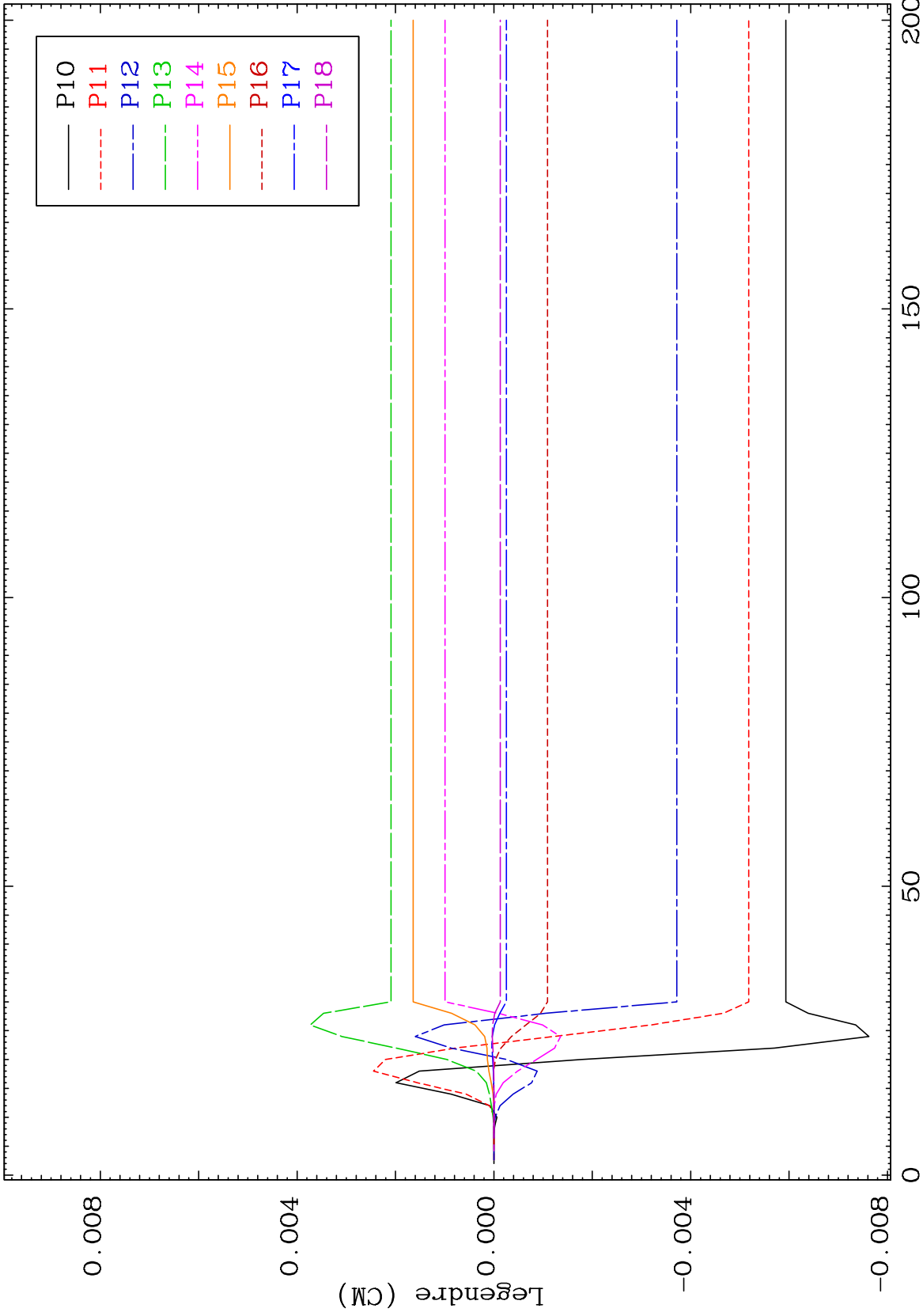
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



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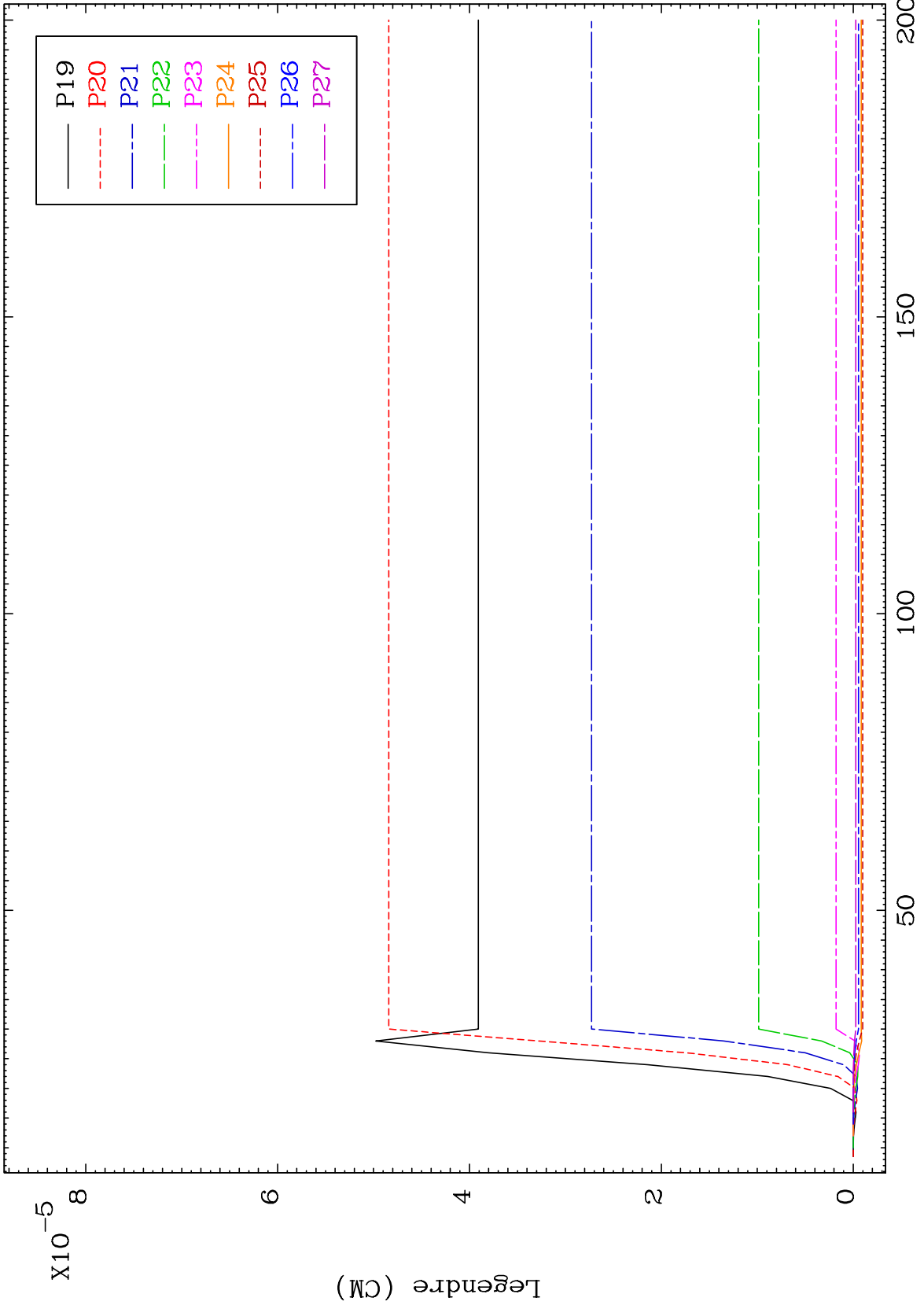
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MAT 5455

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

54-Xe-134



43

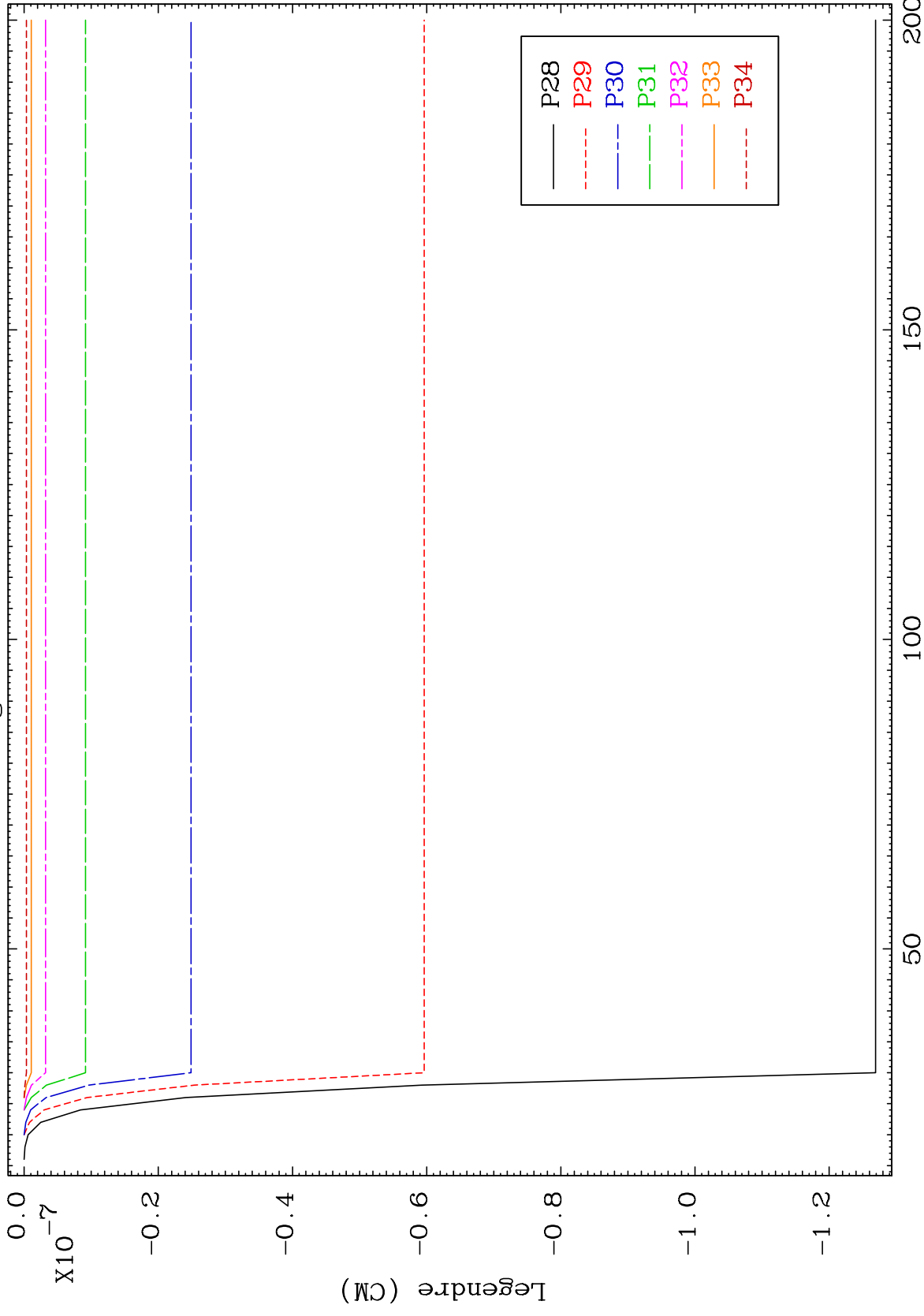
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

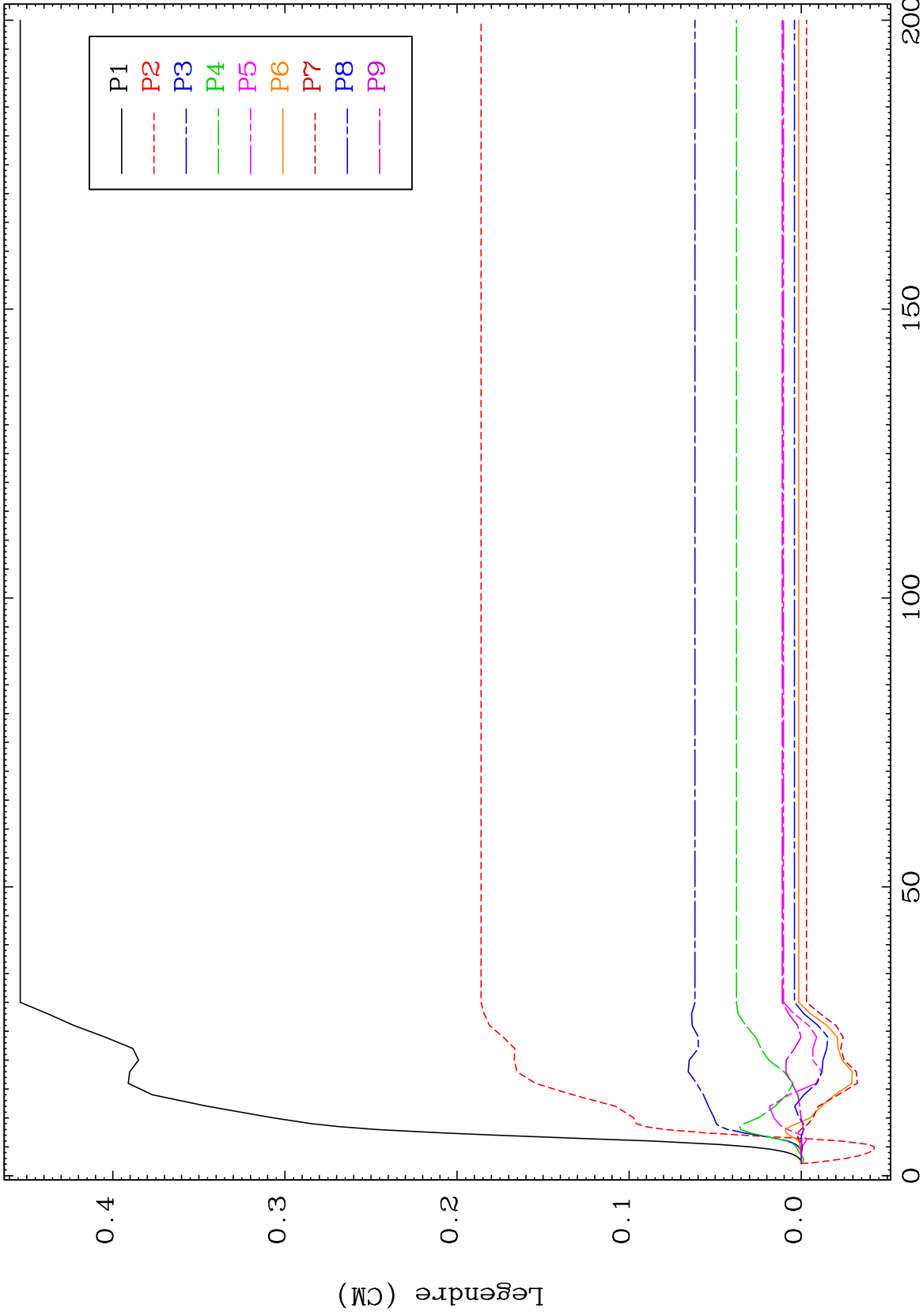
Incident Energy (MeV)

44

MAT 5455

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

54-Xe-134



45

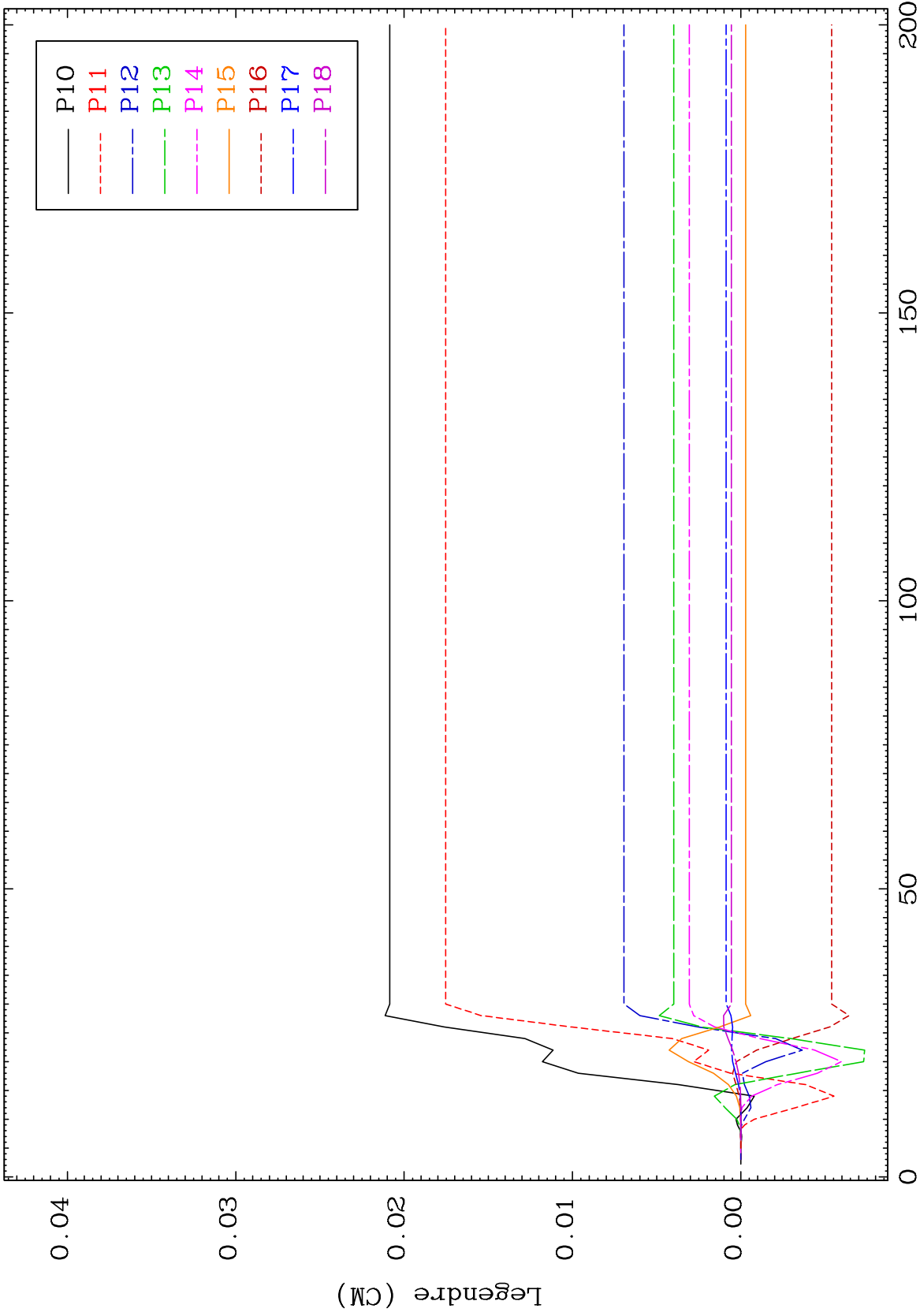
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



46

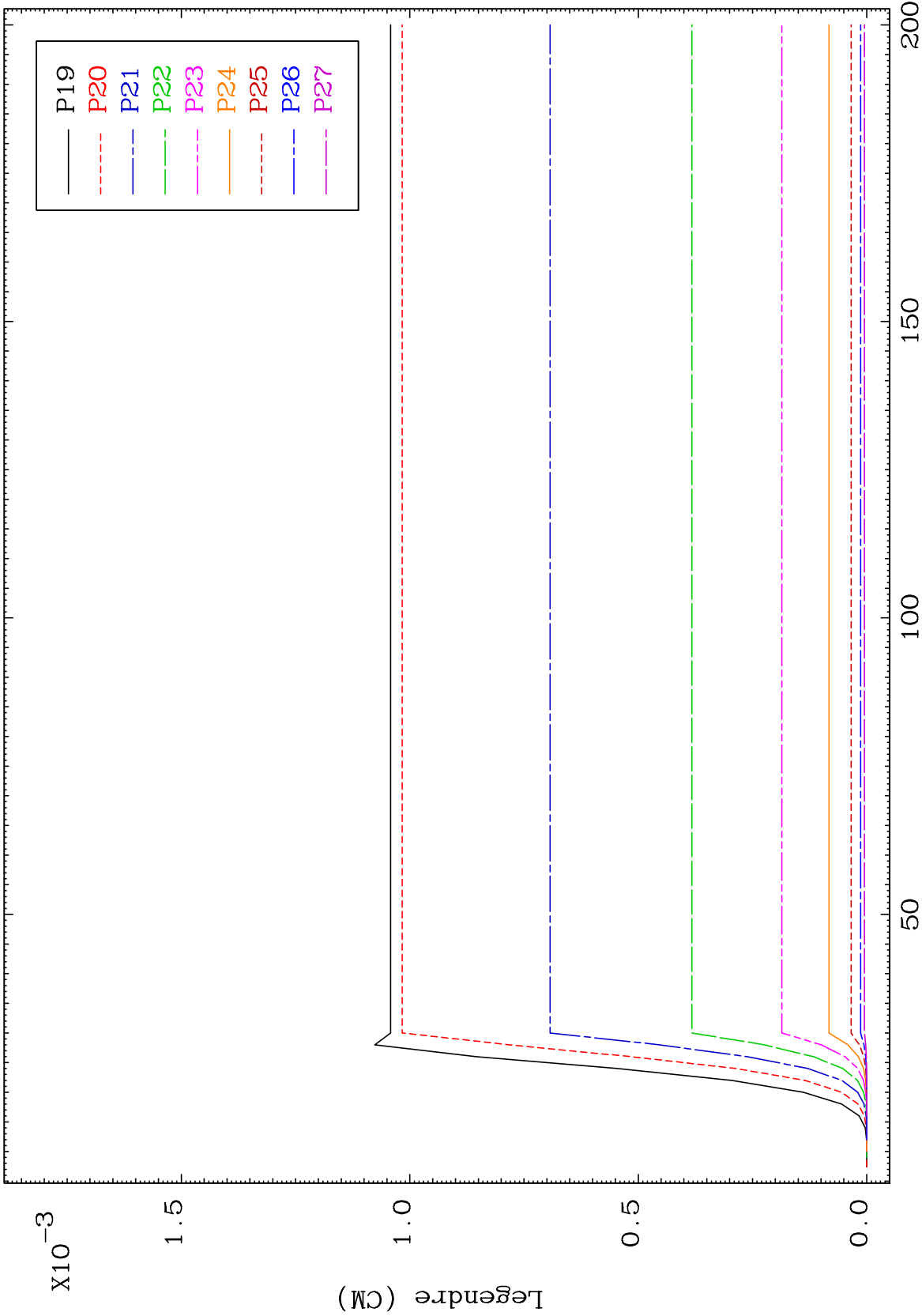
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



47

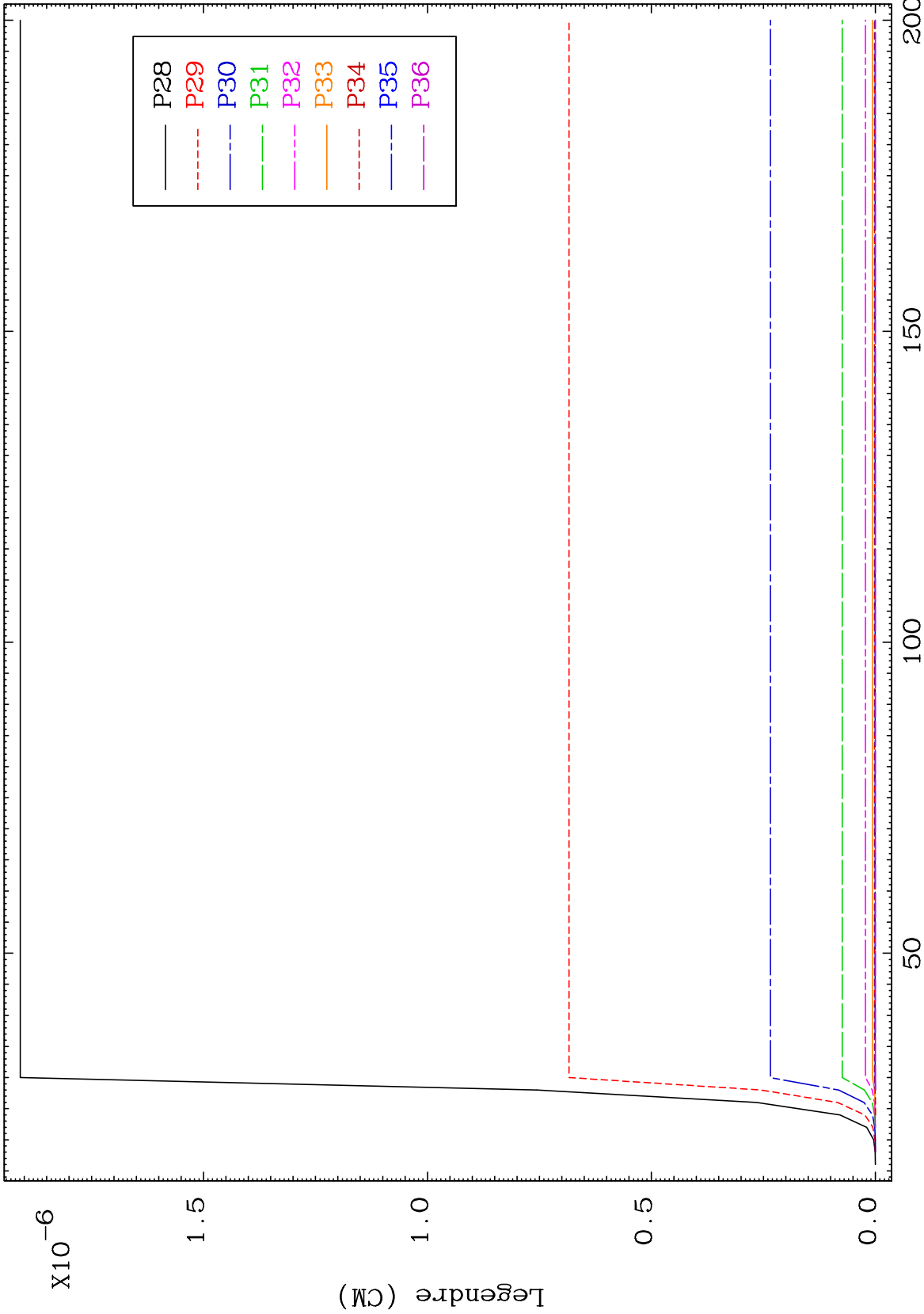
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



48

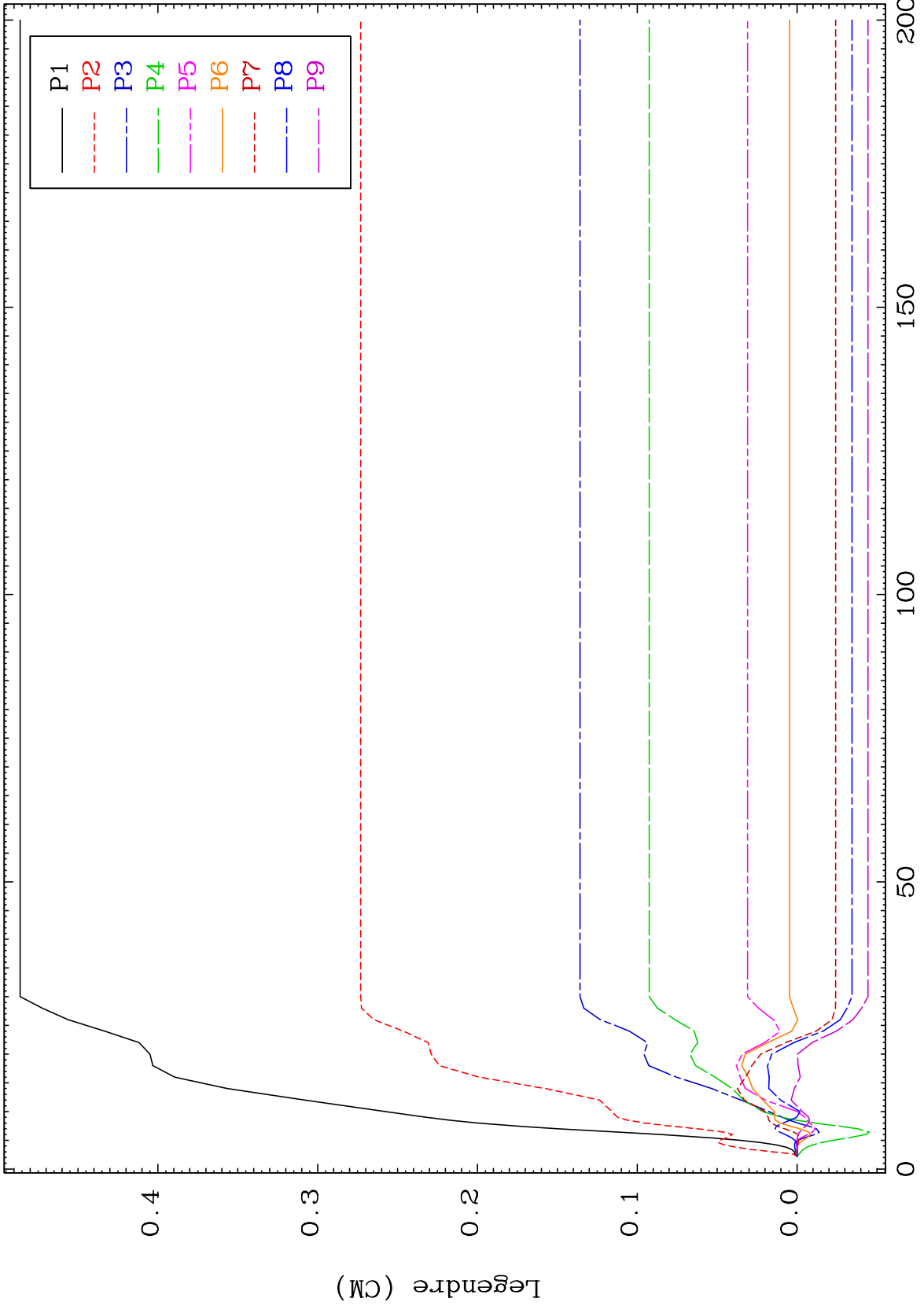
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



49

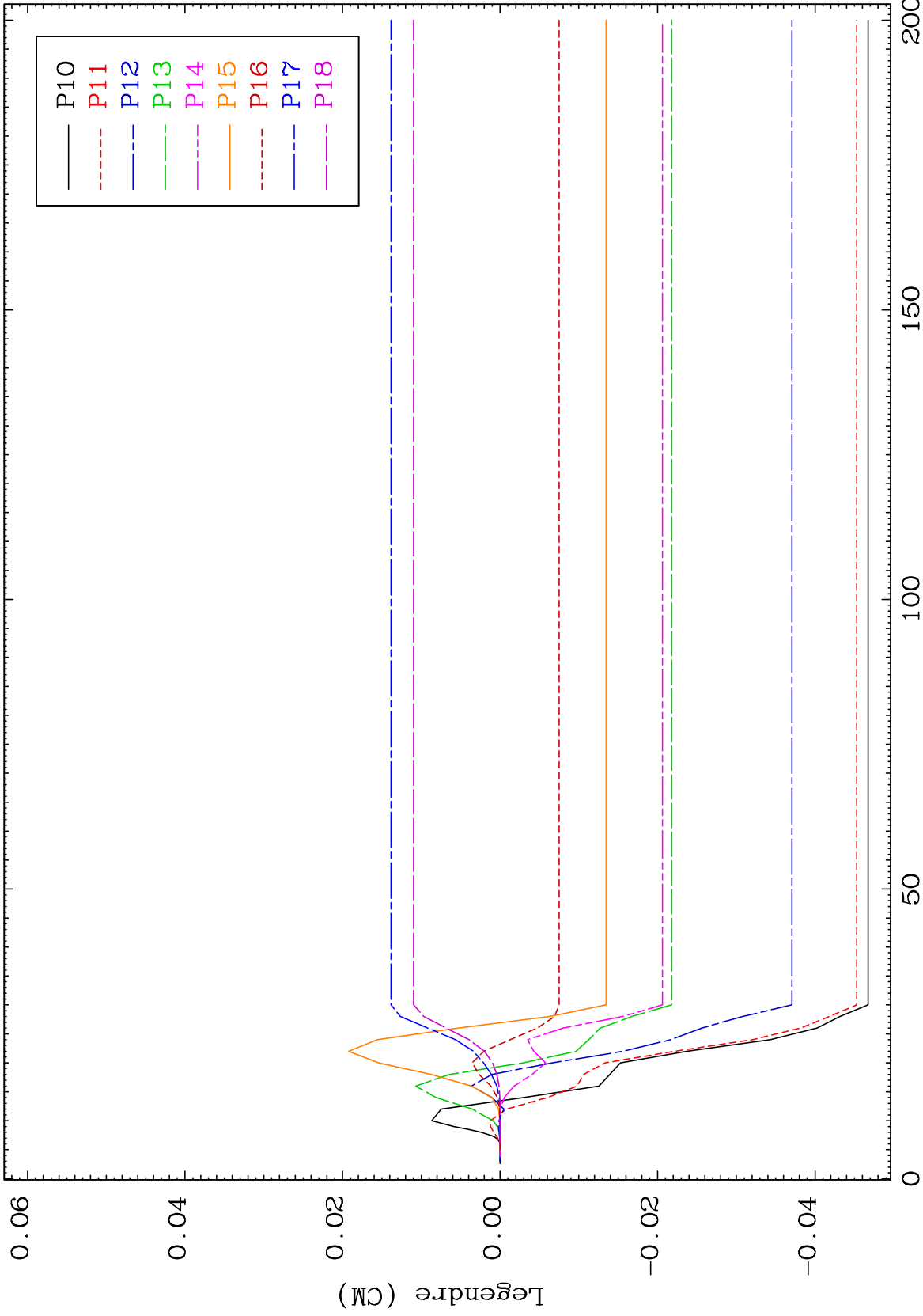
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



50

Incident Energy (MeV)

50

100

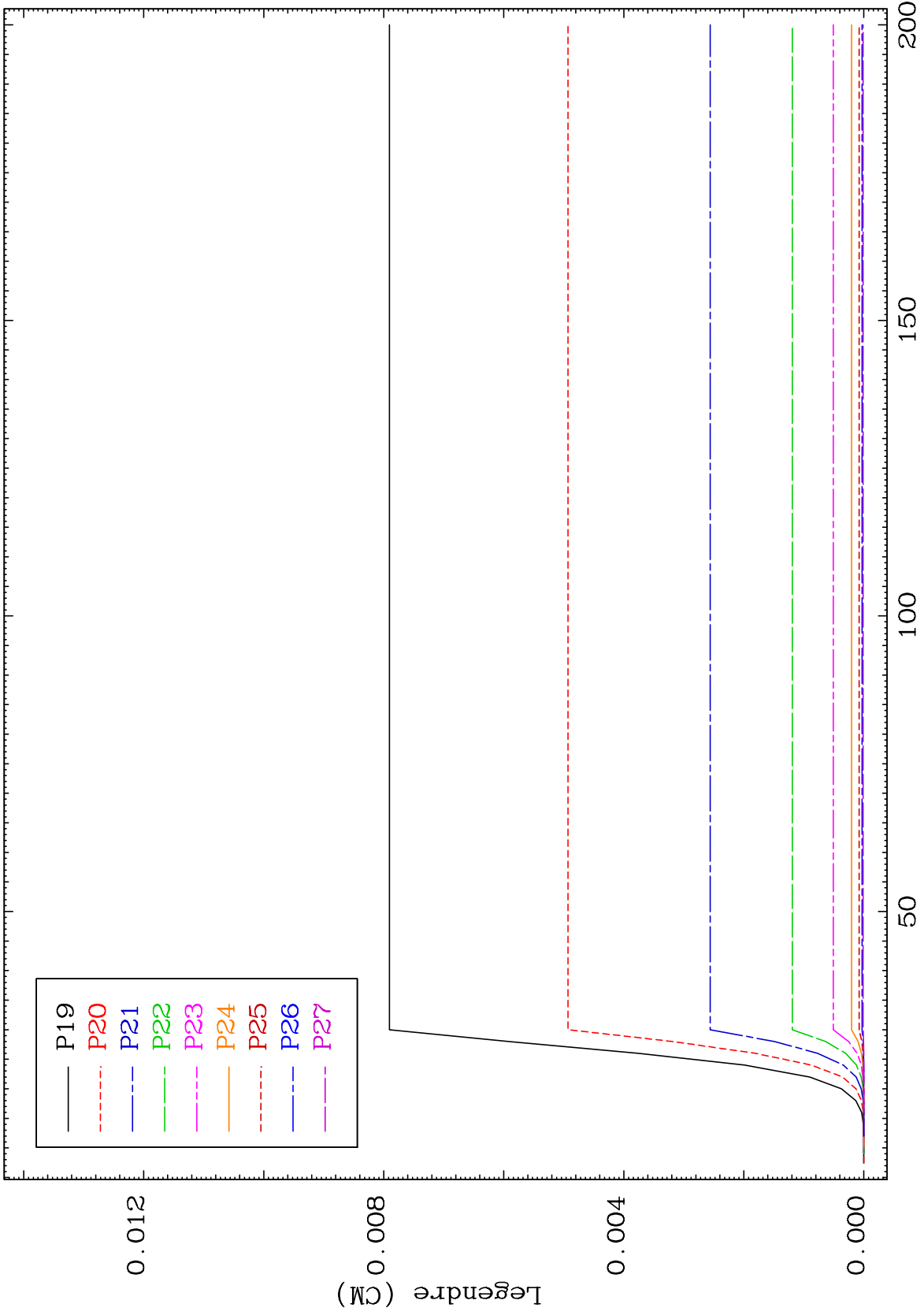
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54-Xe-134

MAT 5455

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

54-Xe-134



51

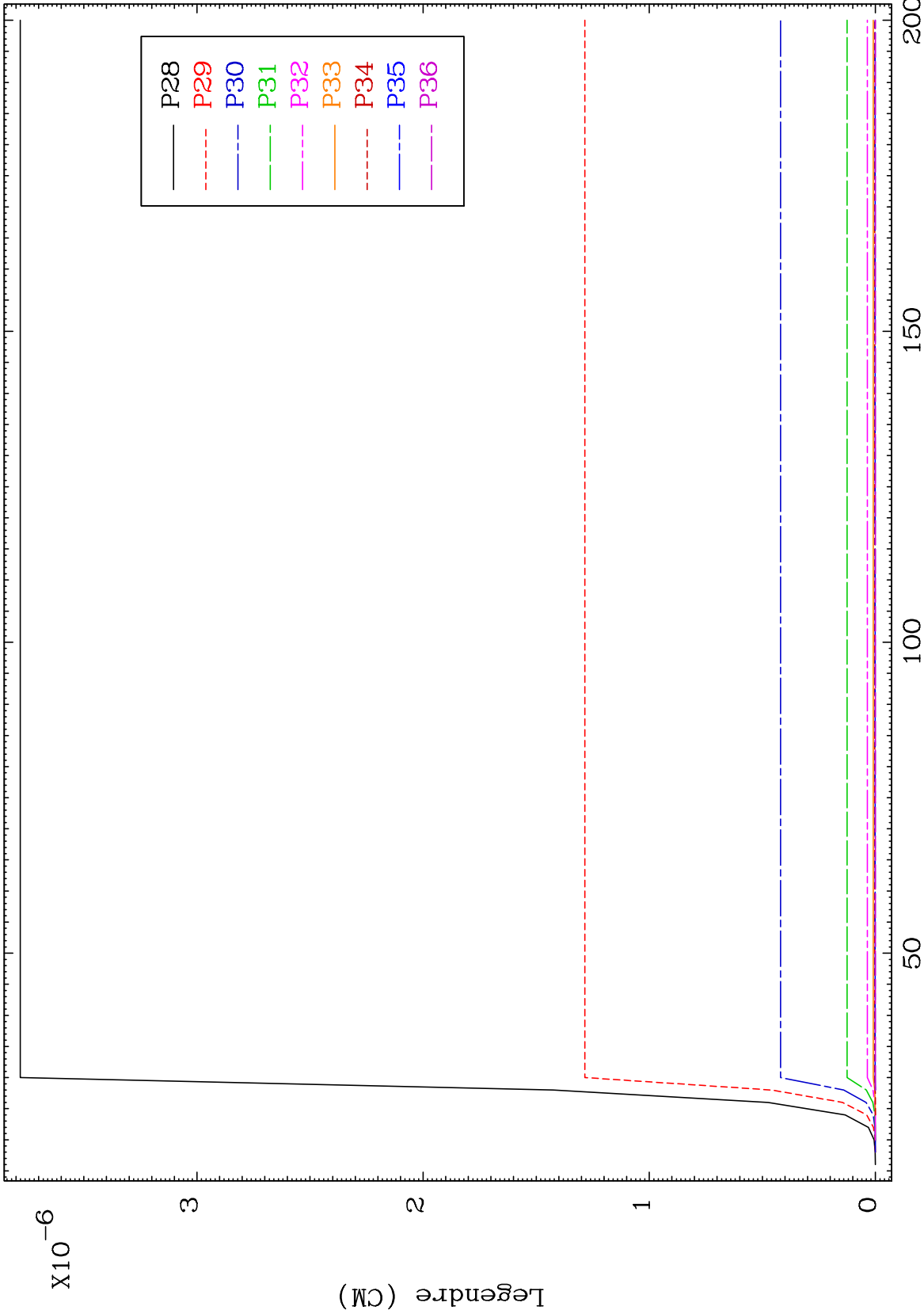
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

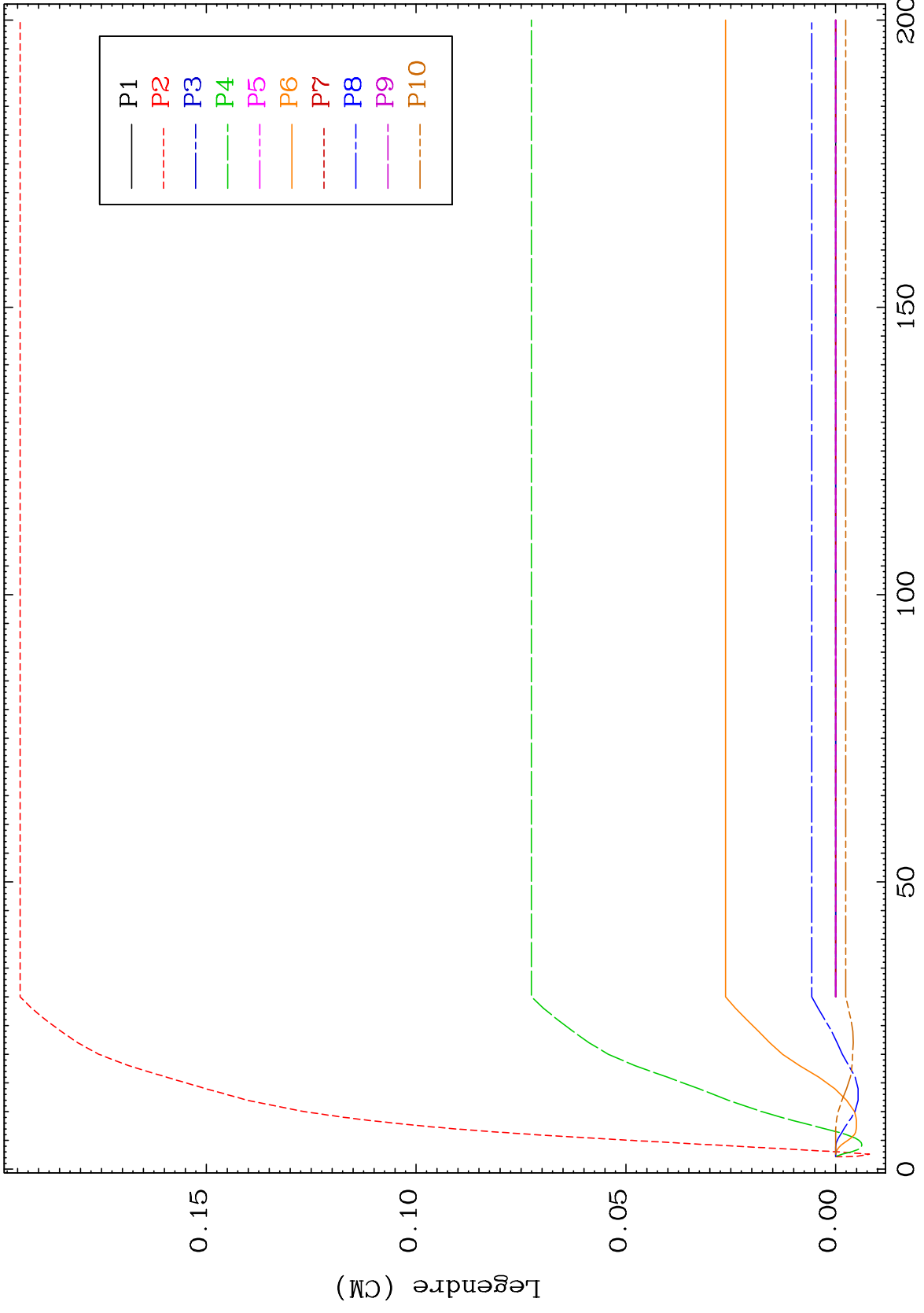


52

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-134

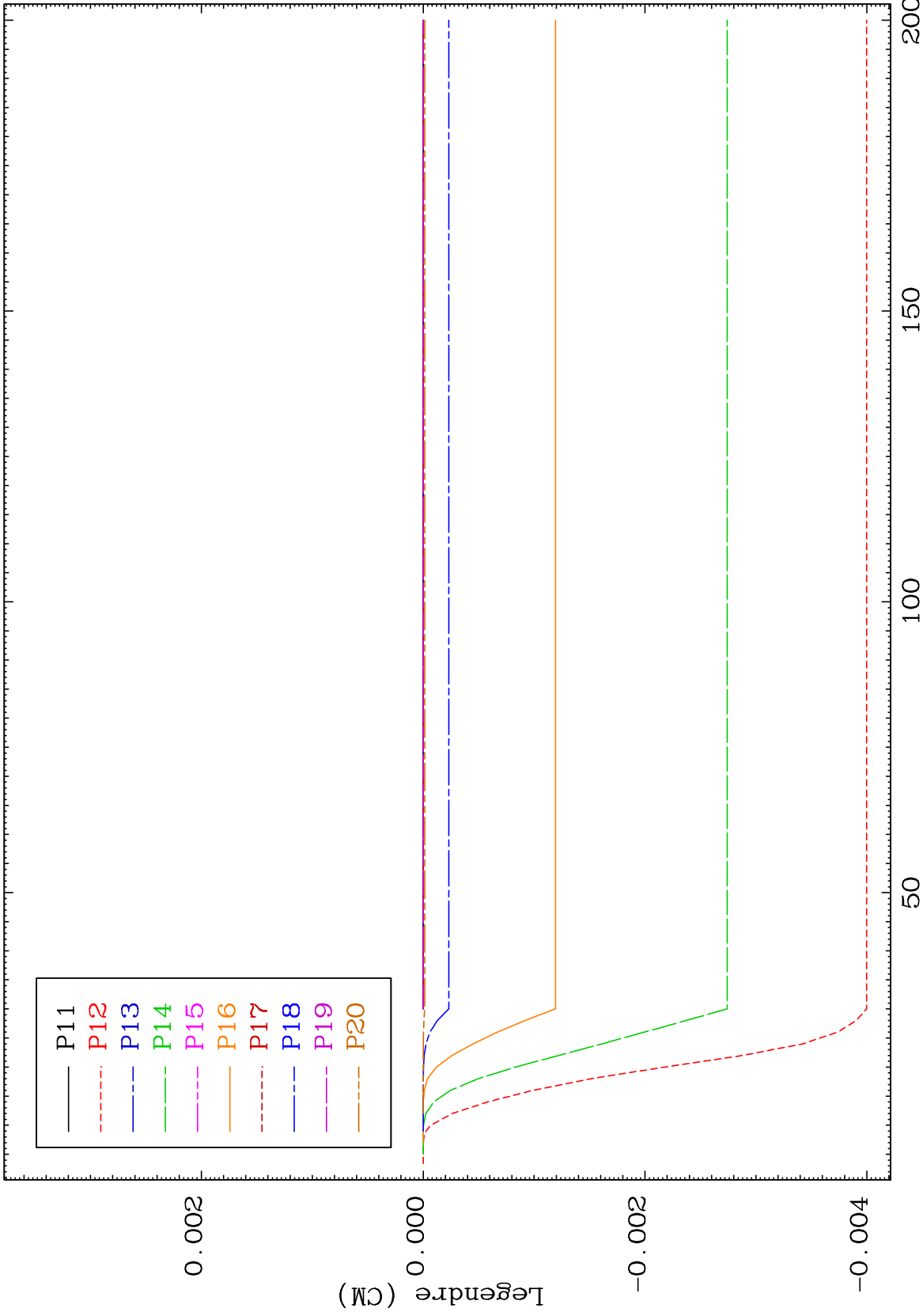


53 54-Xe-134

MAT 5455

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

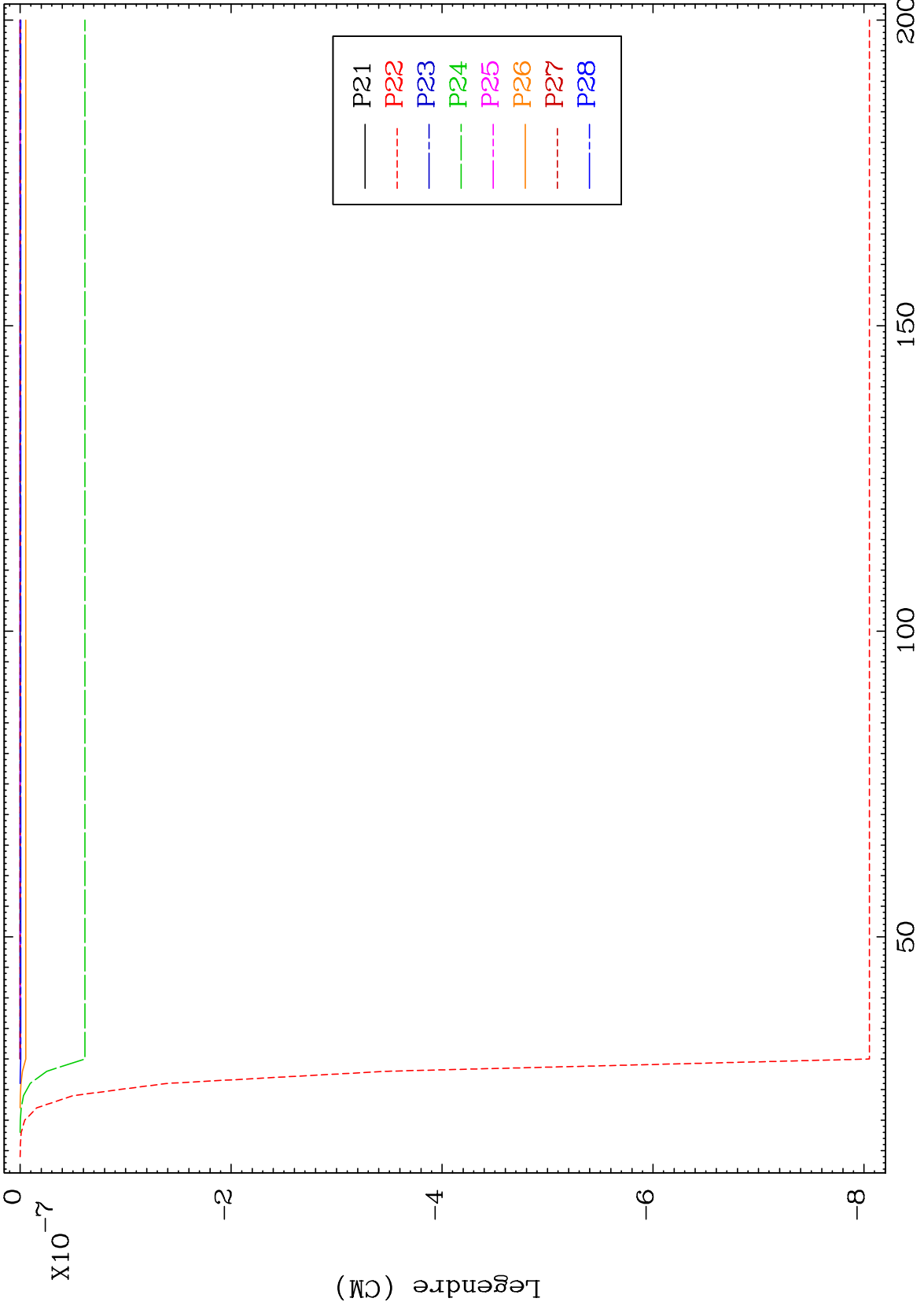
54-Xe-134



54

54-Xe-134

MAT 5455 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-134

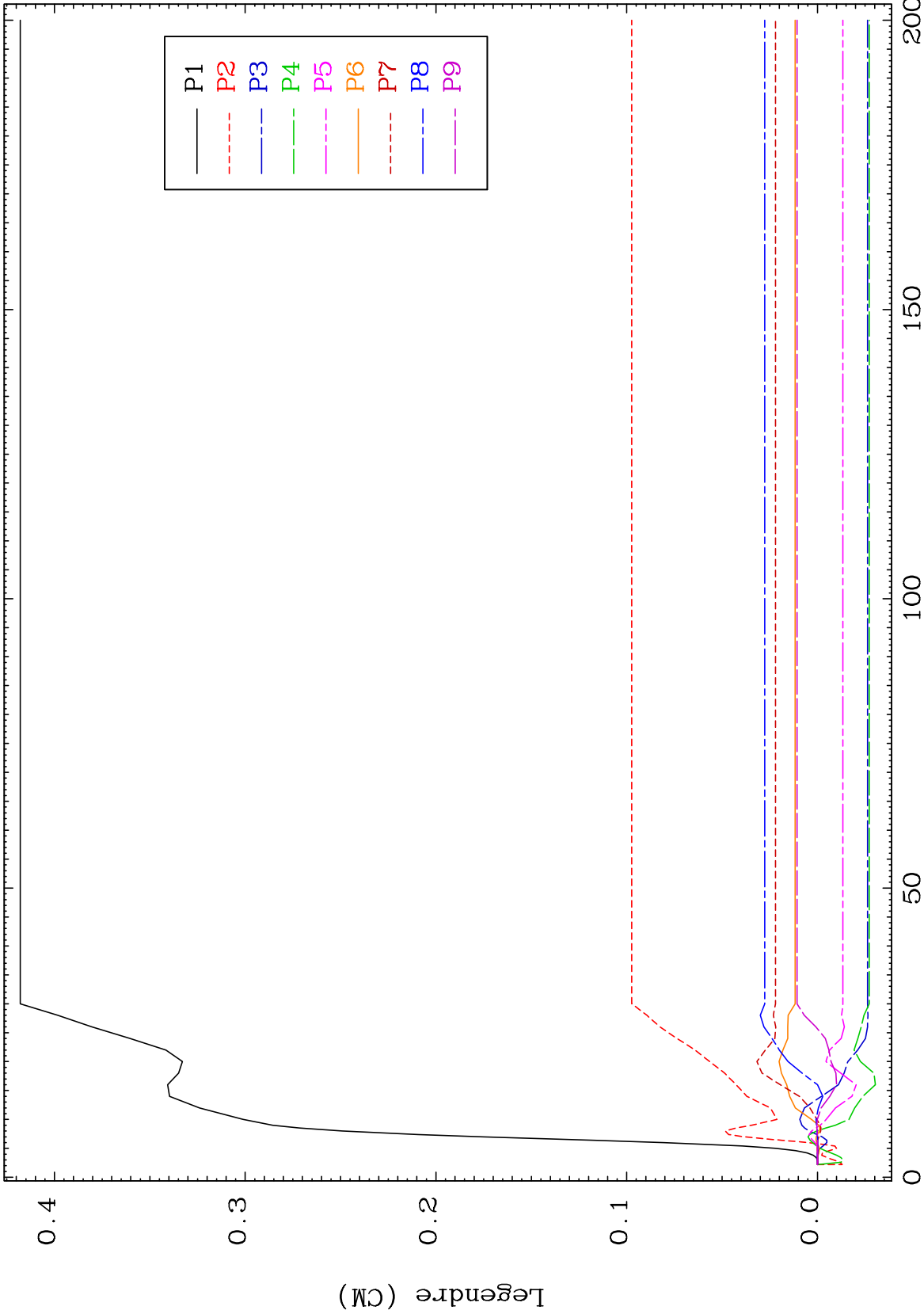


55 54-Xe-134

MAT 5455

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

54-Xe-134



56

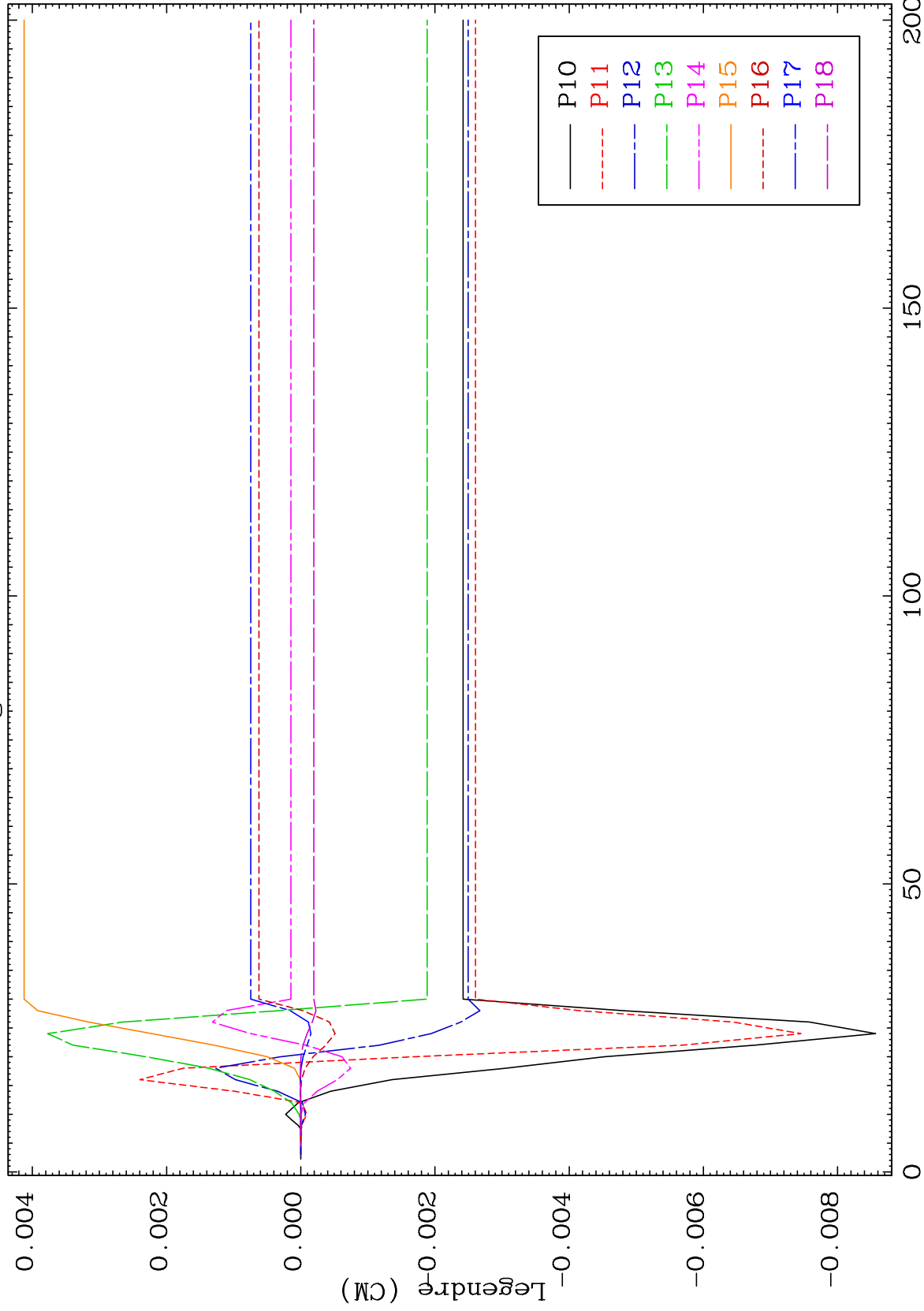
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



57

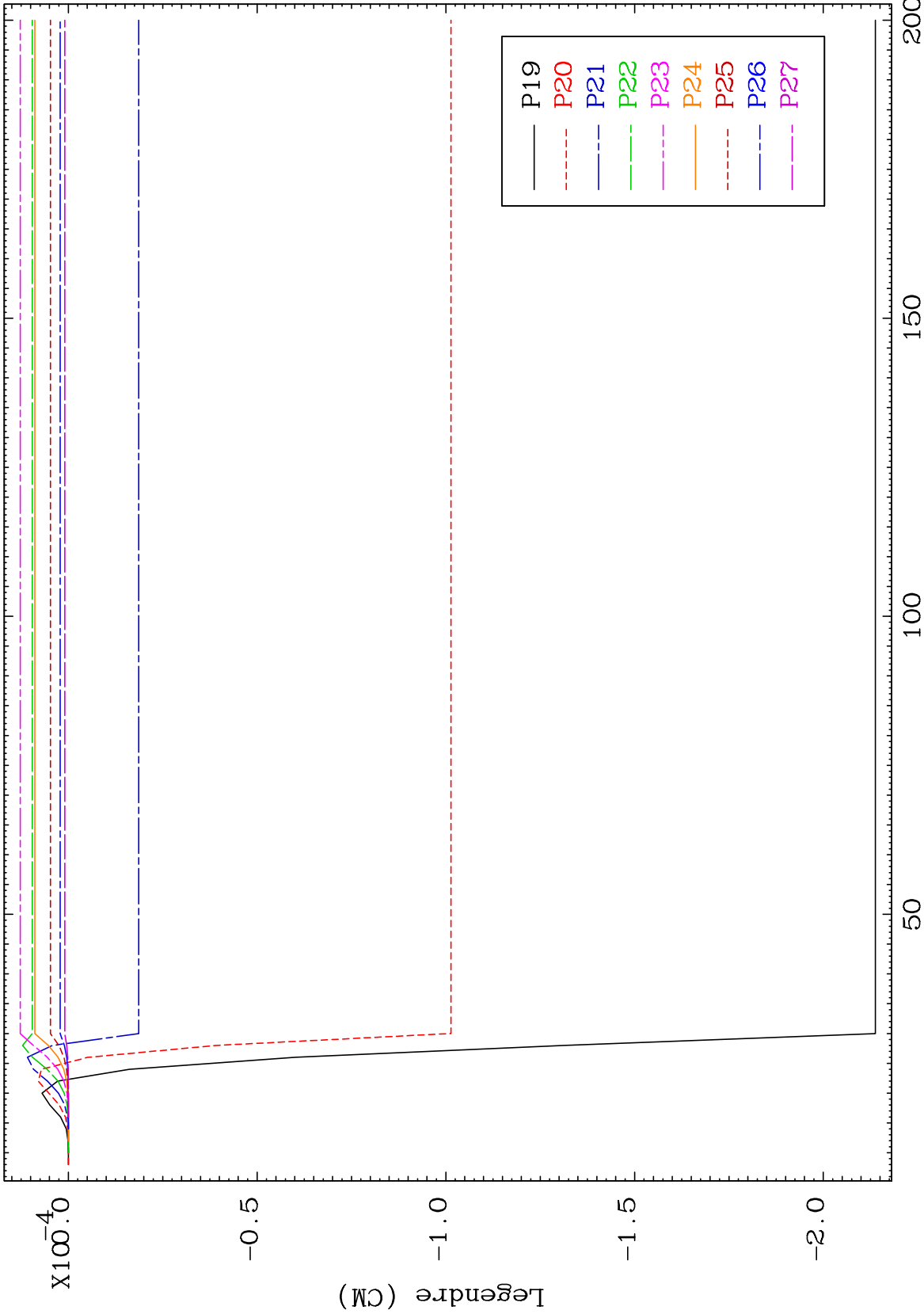
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



58

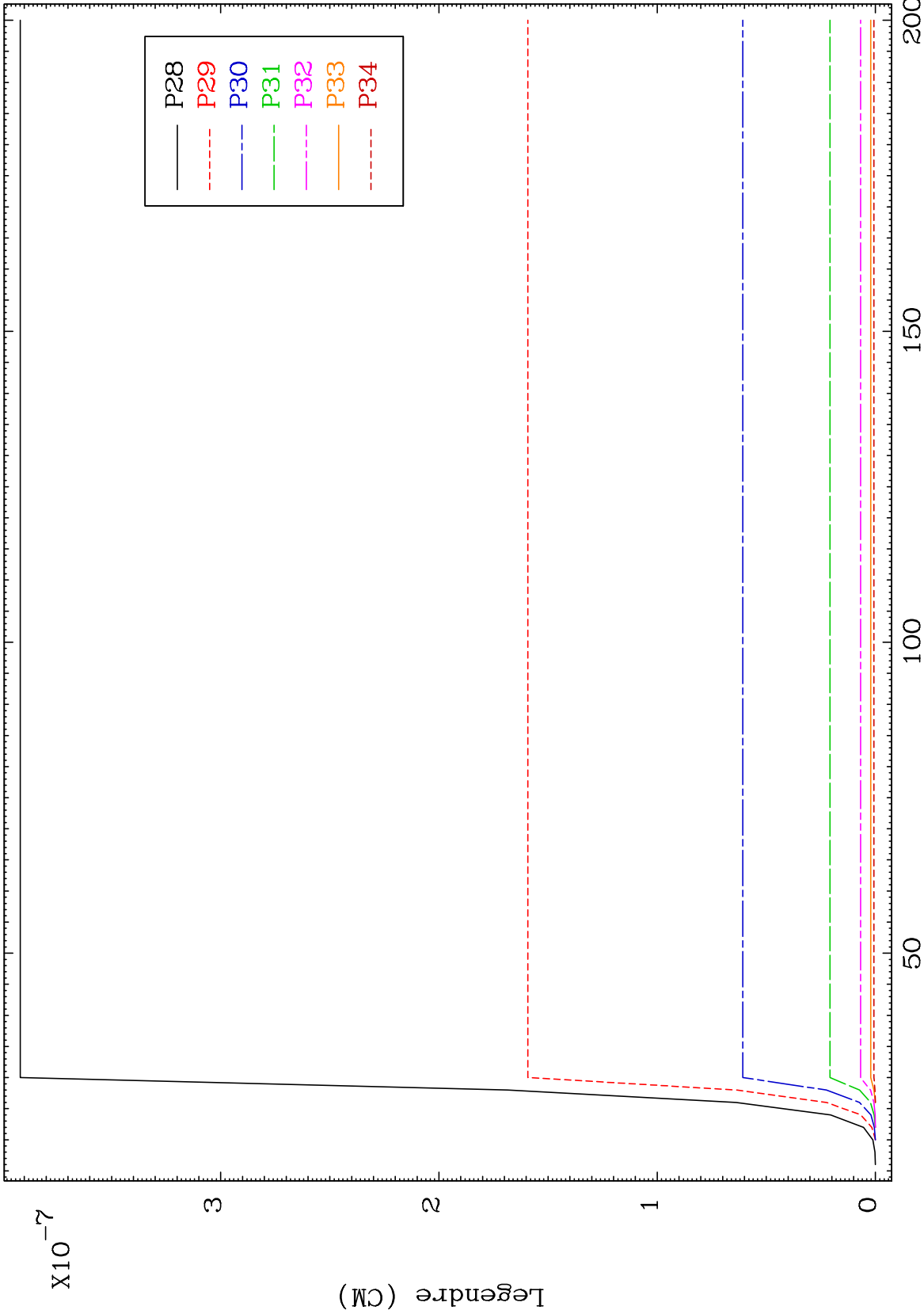
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



59

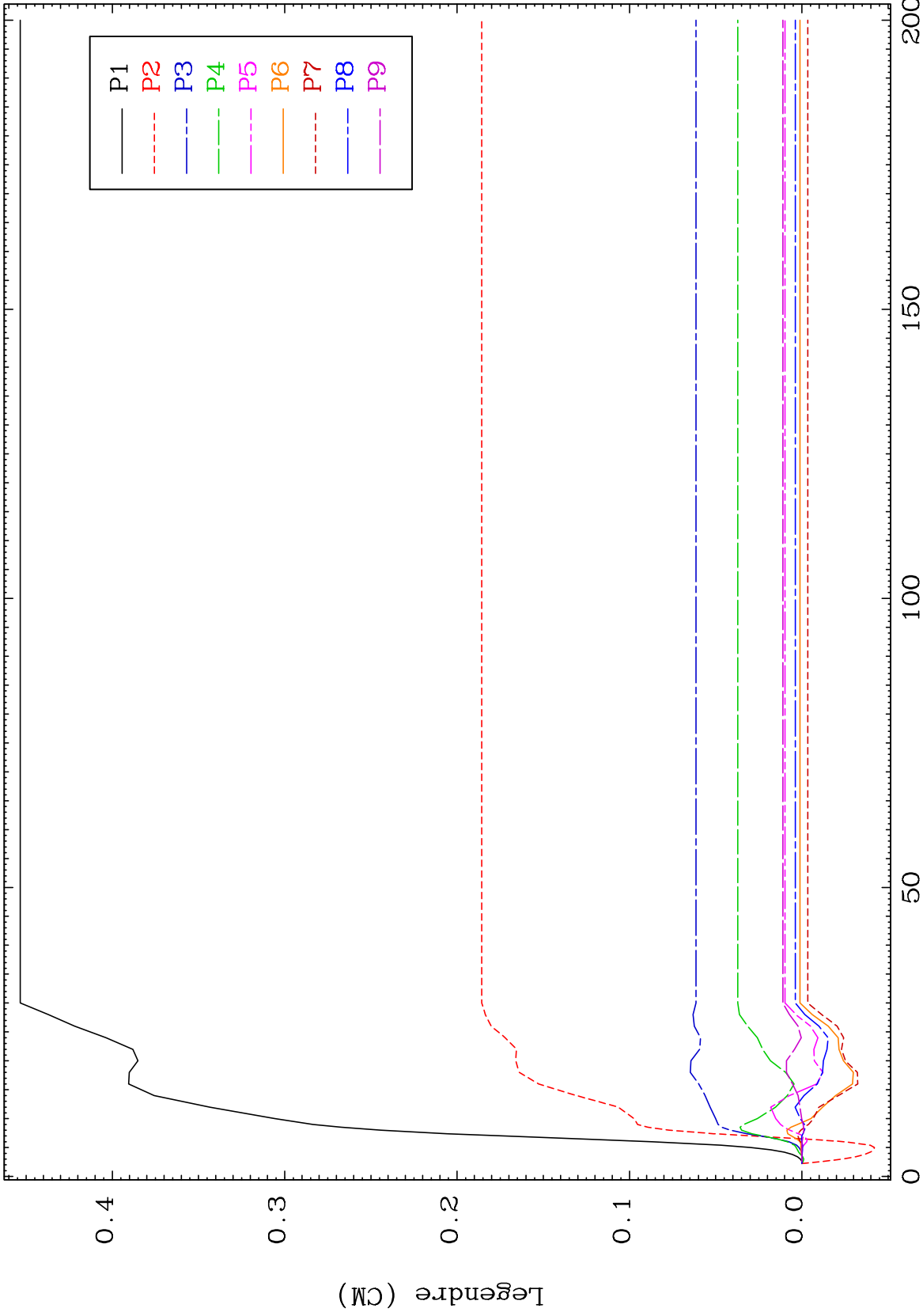
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

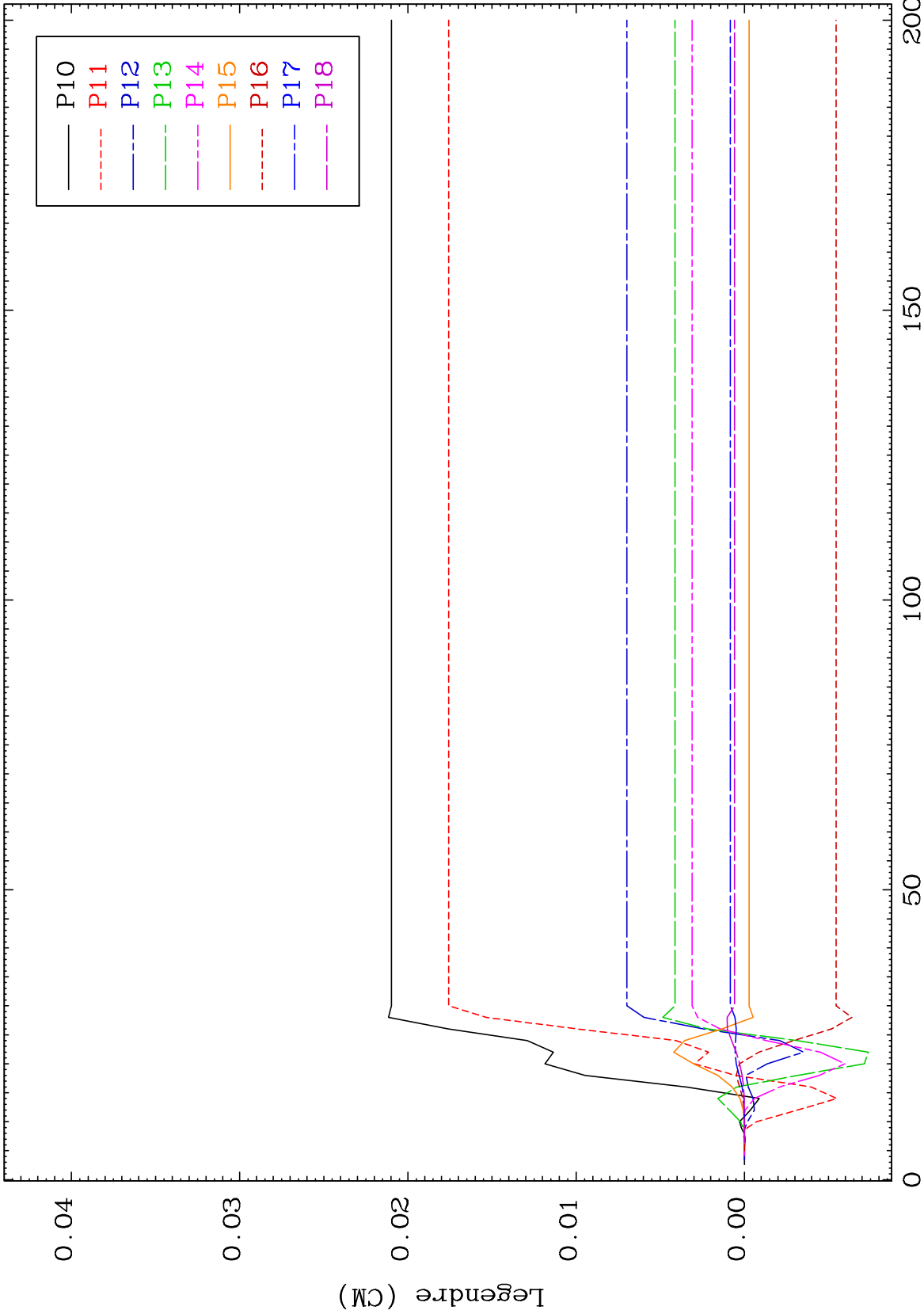
Incident Energy (MeV)

Legendre (CM)

MAT 5455

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

54-Xe-134



61

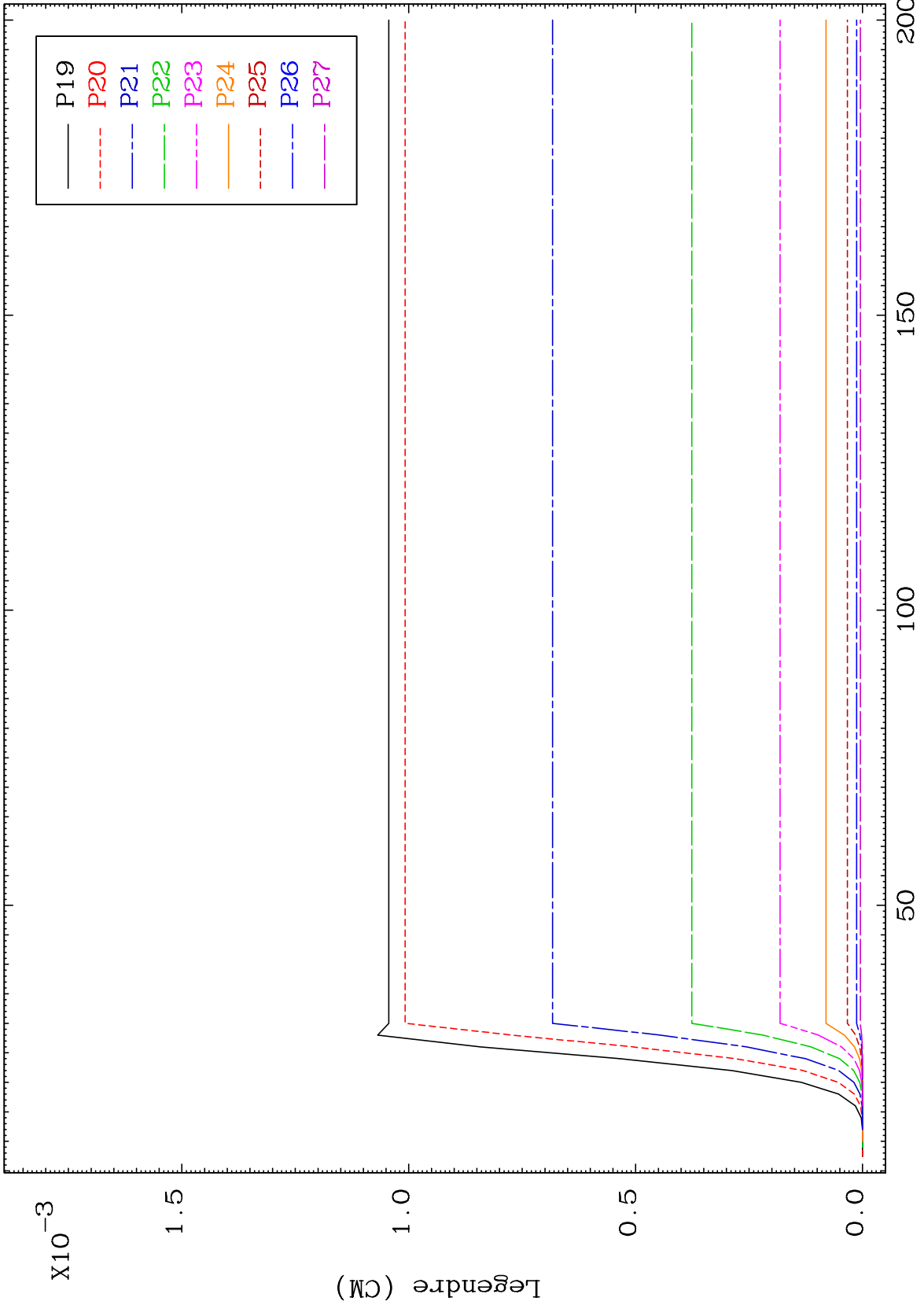
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



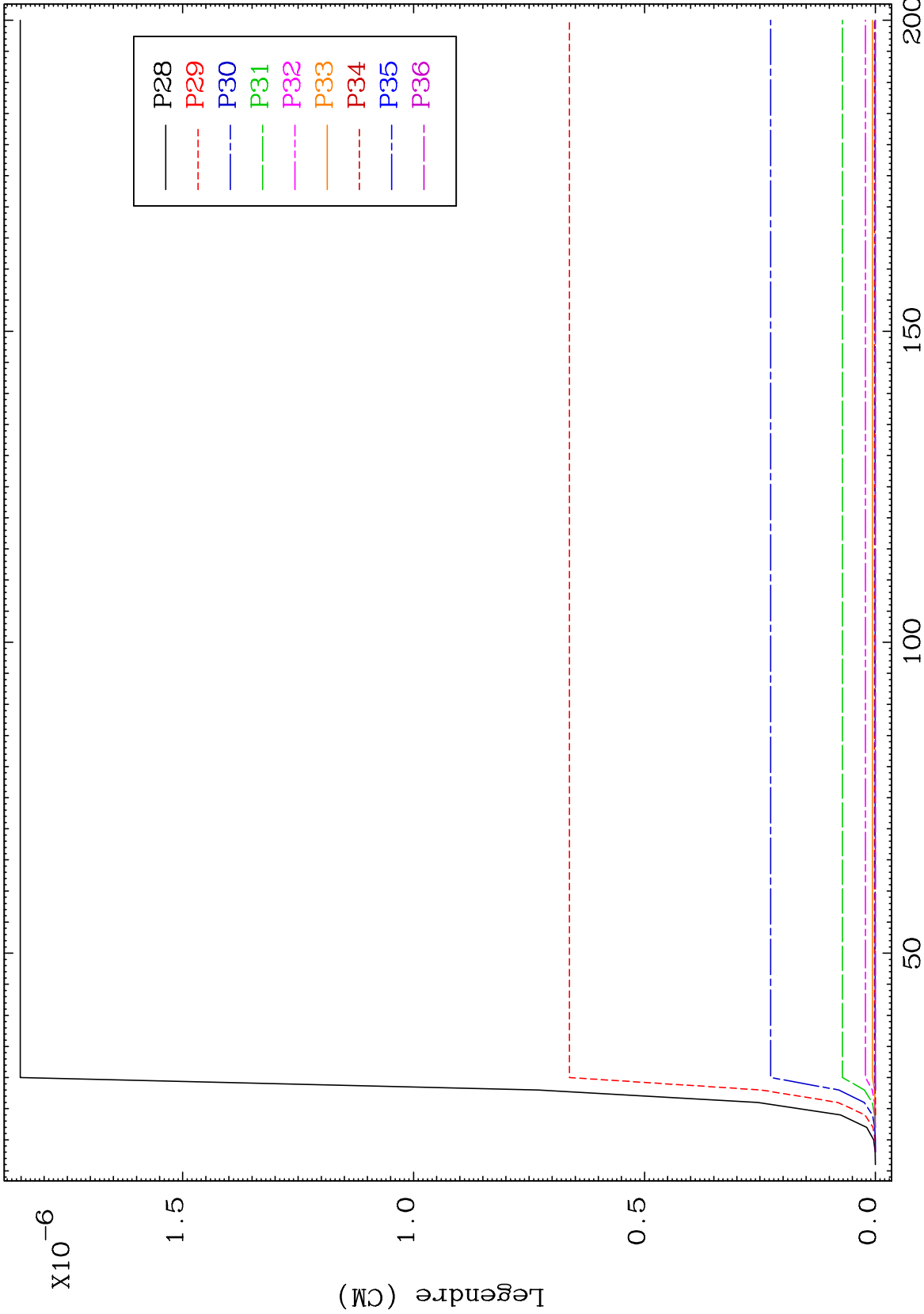
62

54-Xe-134

MAT 5455

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

54-Xe-134



63

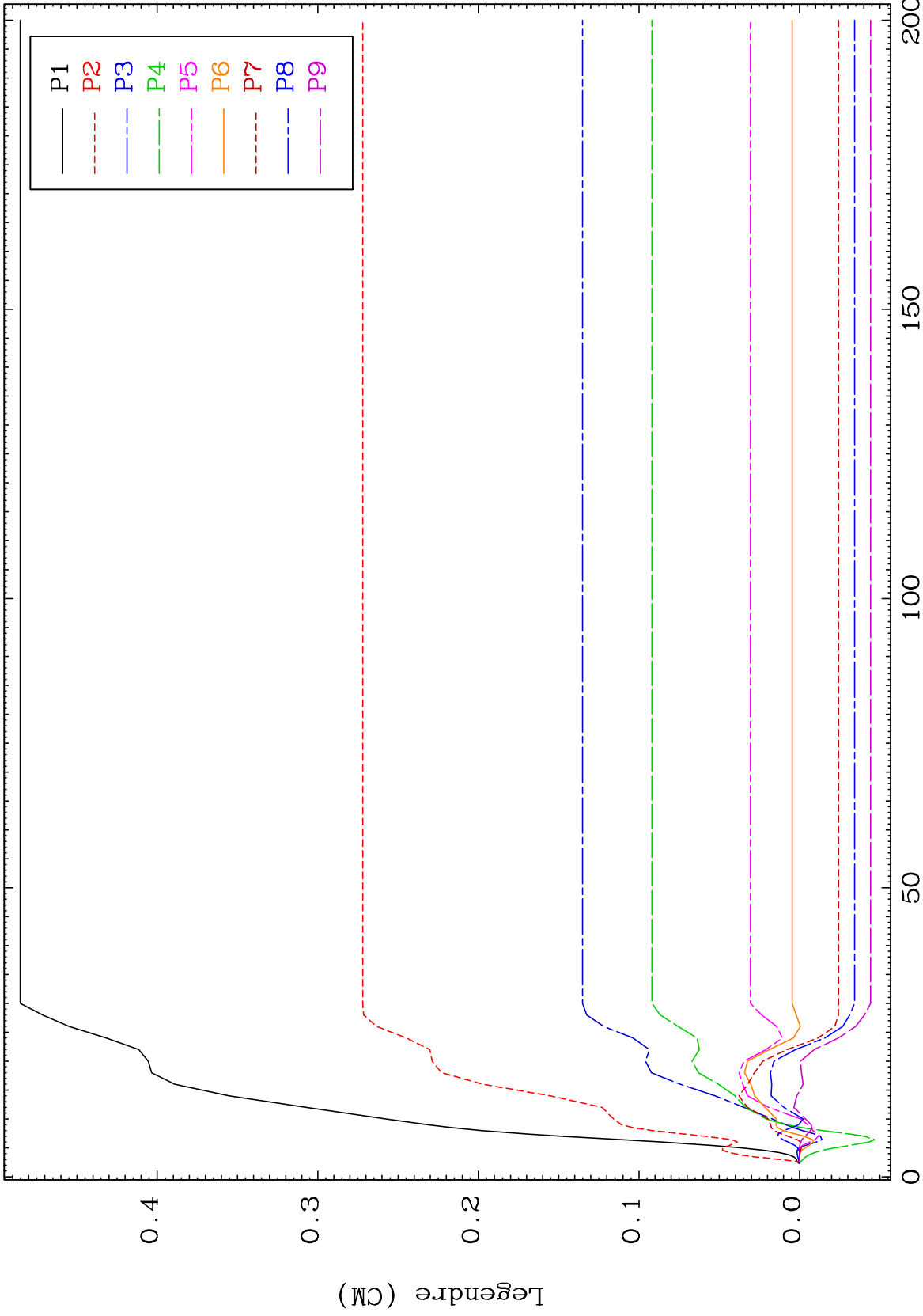
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



64

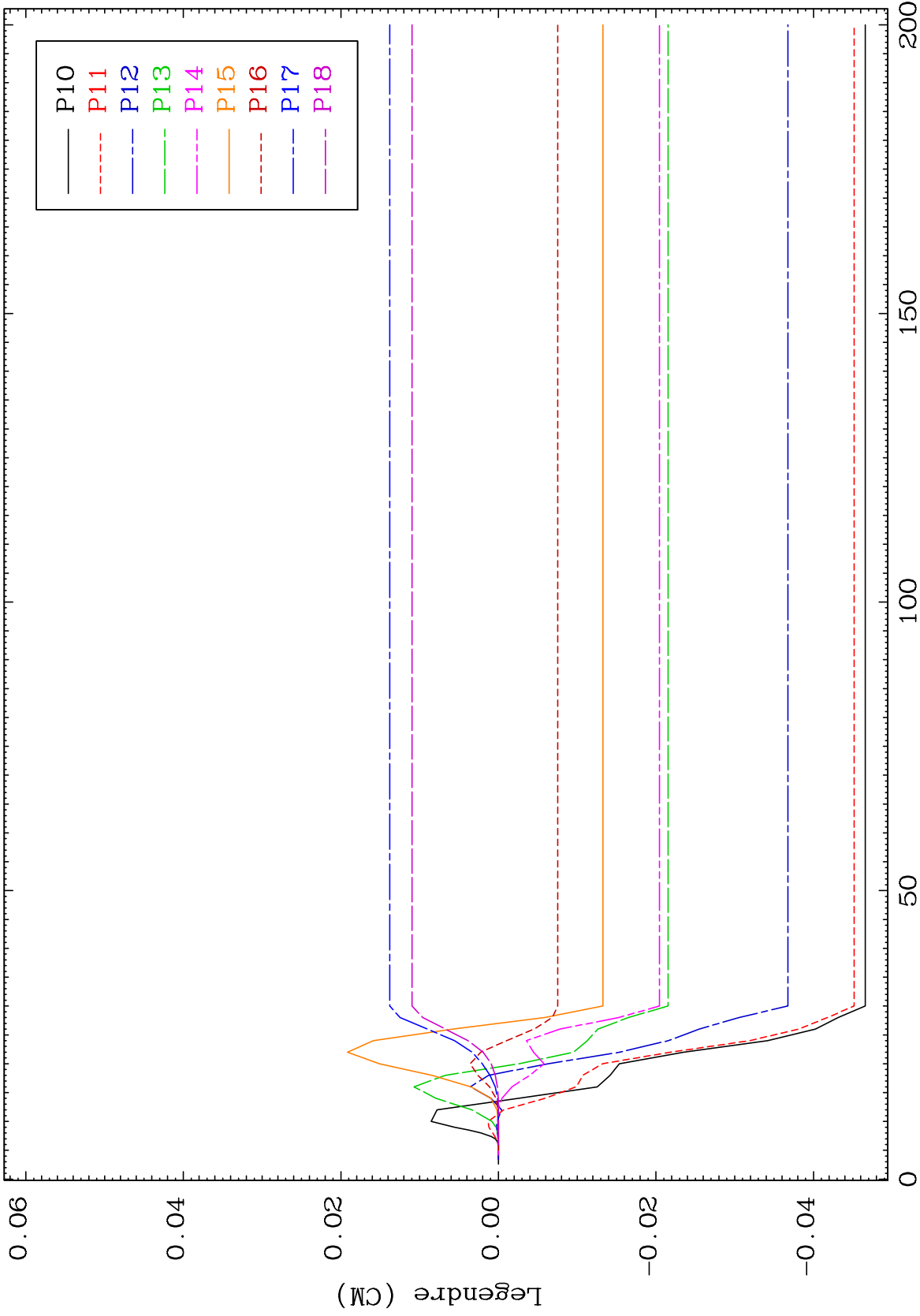
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



65

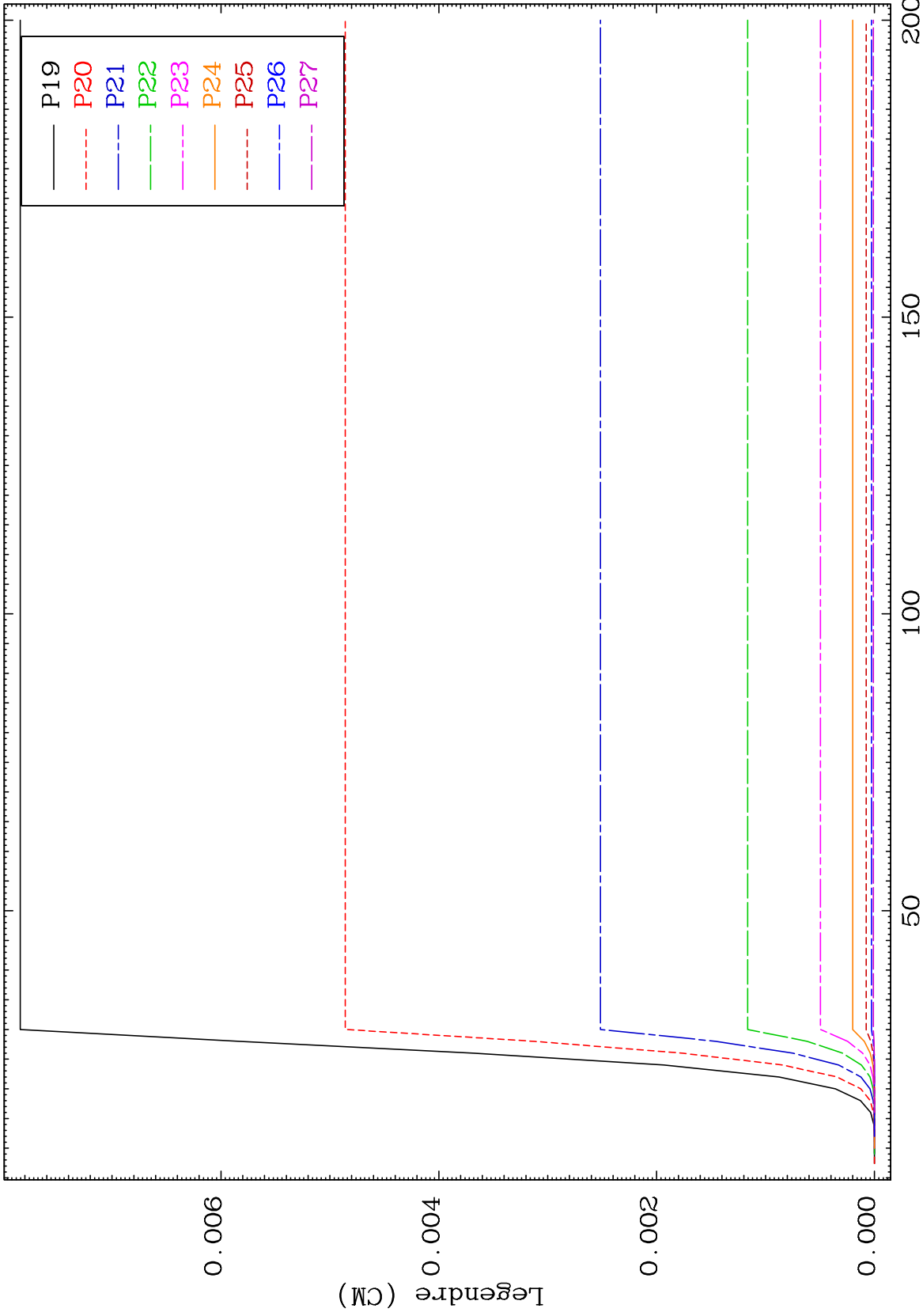
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



66

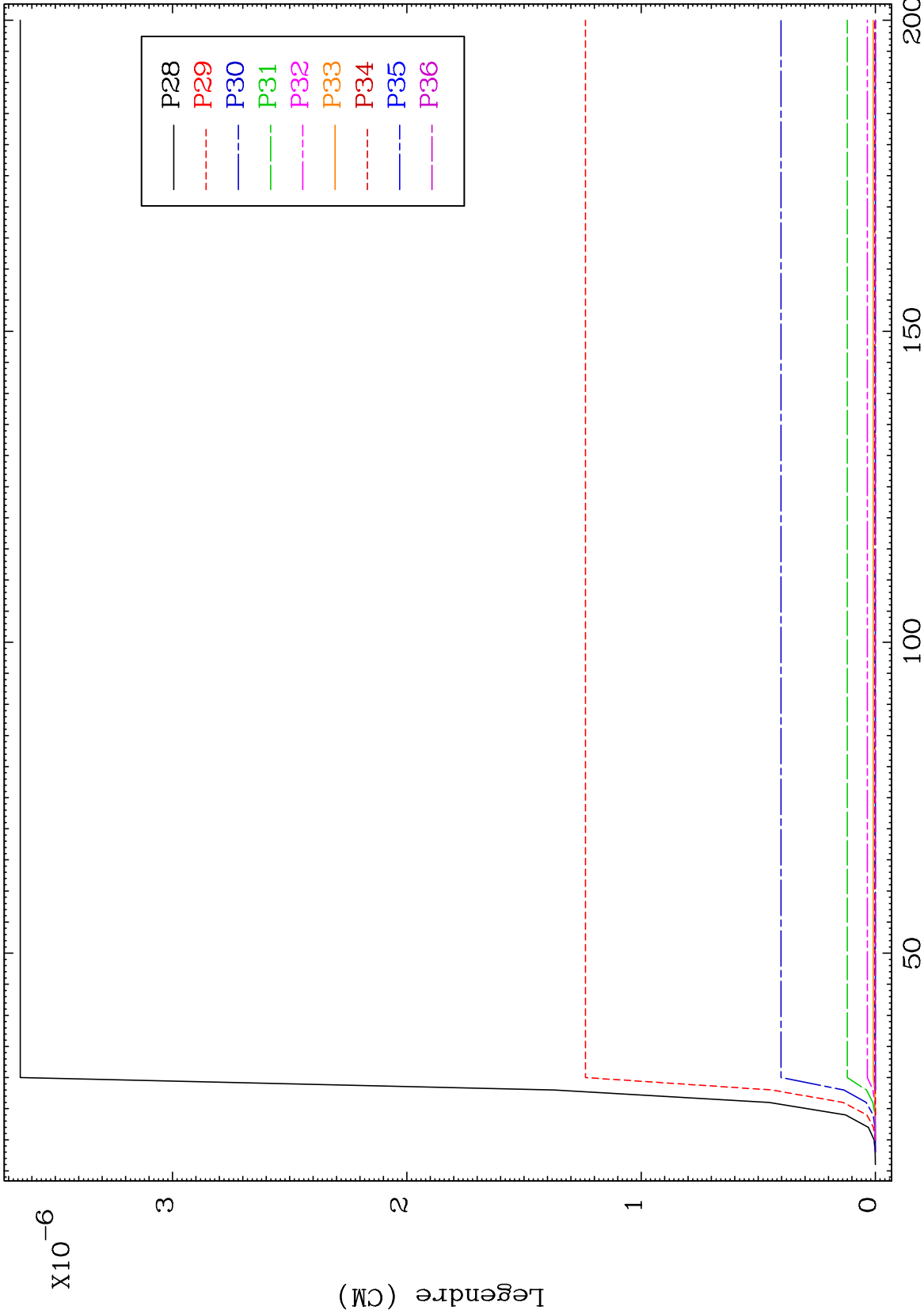
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



67

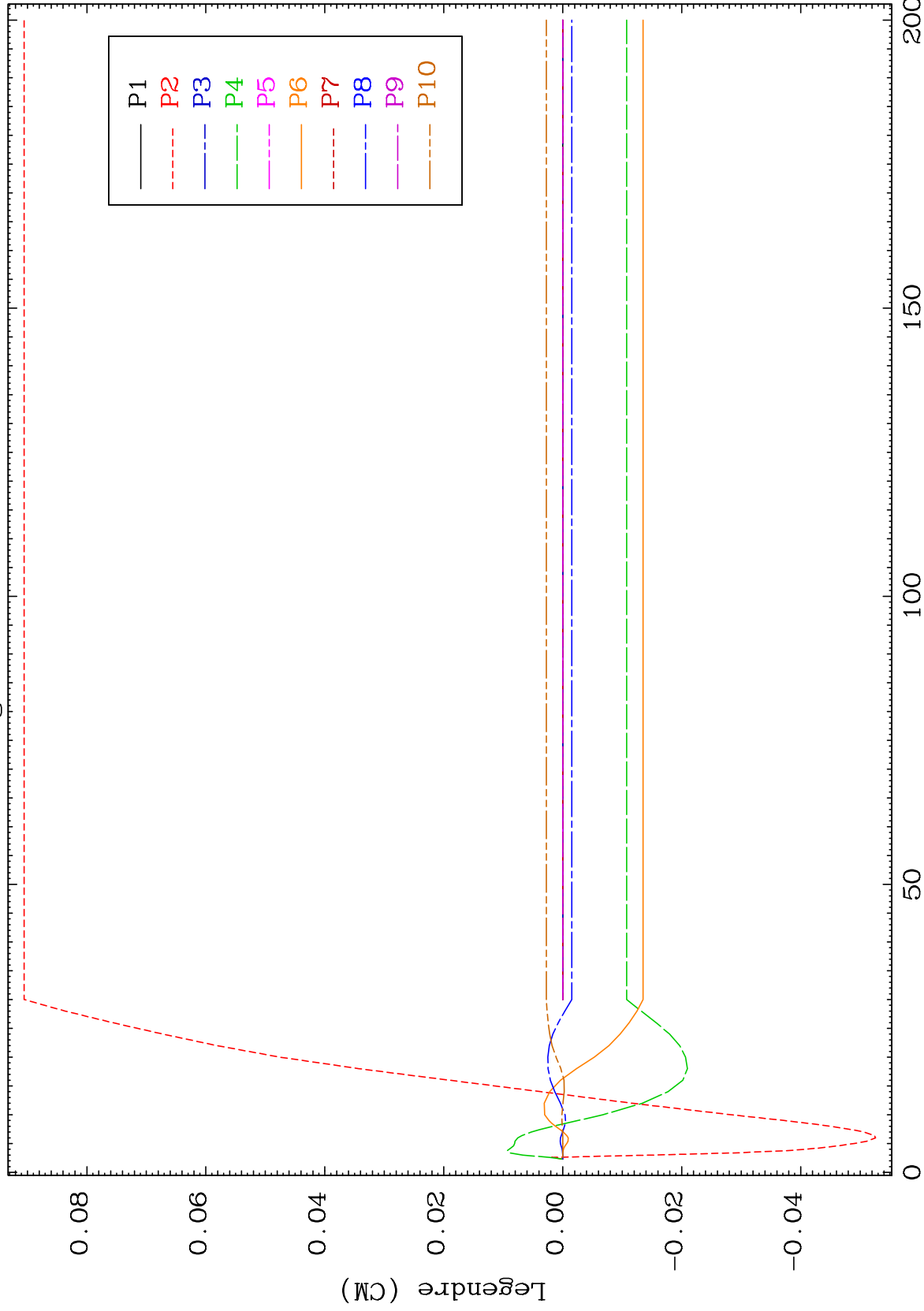
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



68

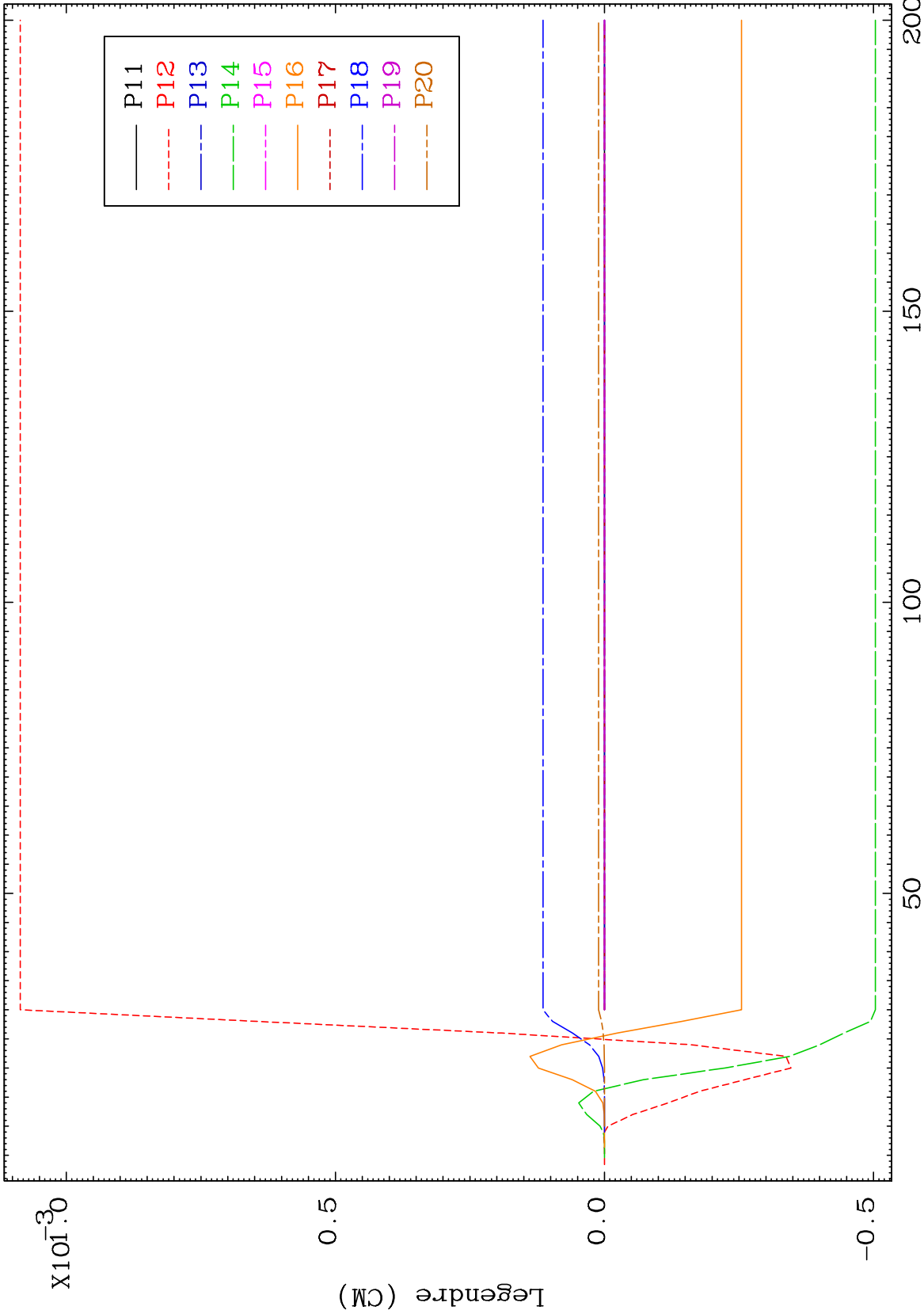
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

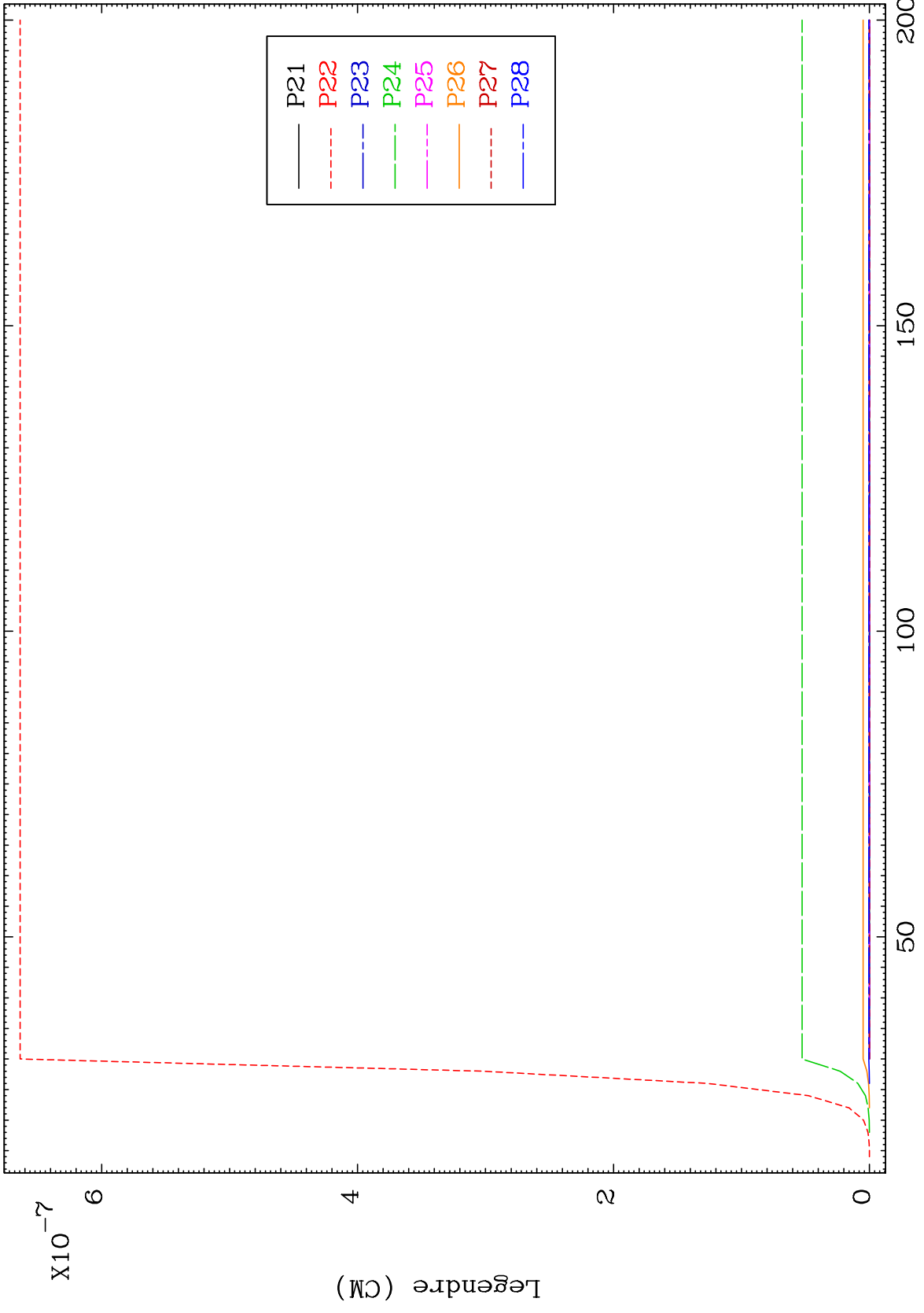


69

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 64 (n,n') Level Legendre Coefficients 54-Xe-134

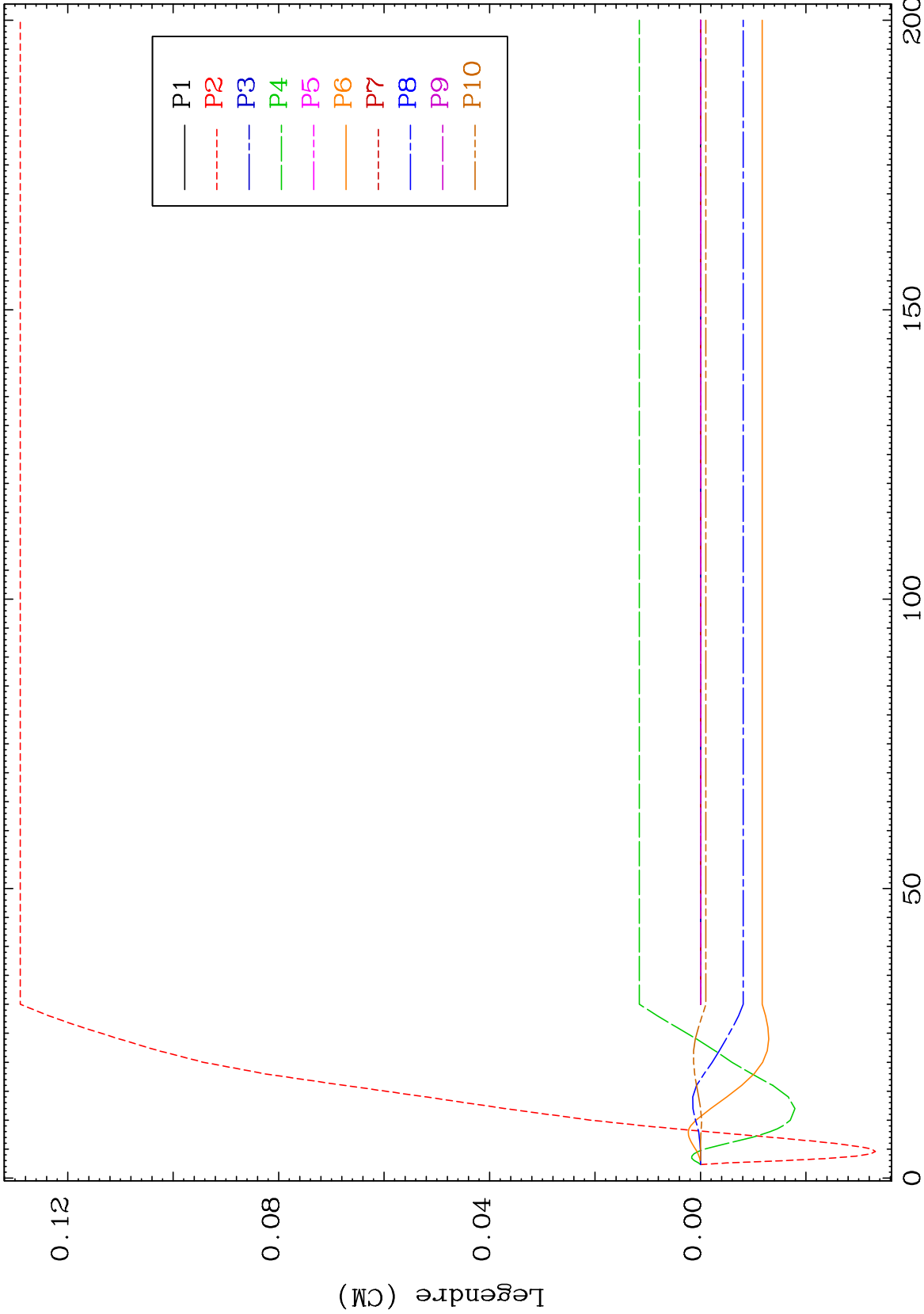


70 50 100 150 200 Incident Energy (MeV) 54-Xe-134

MAT 5455

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

54-Xe-134



71

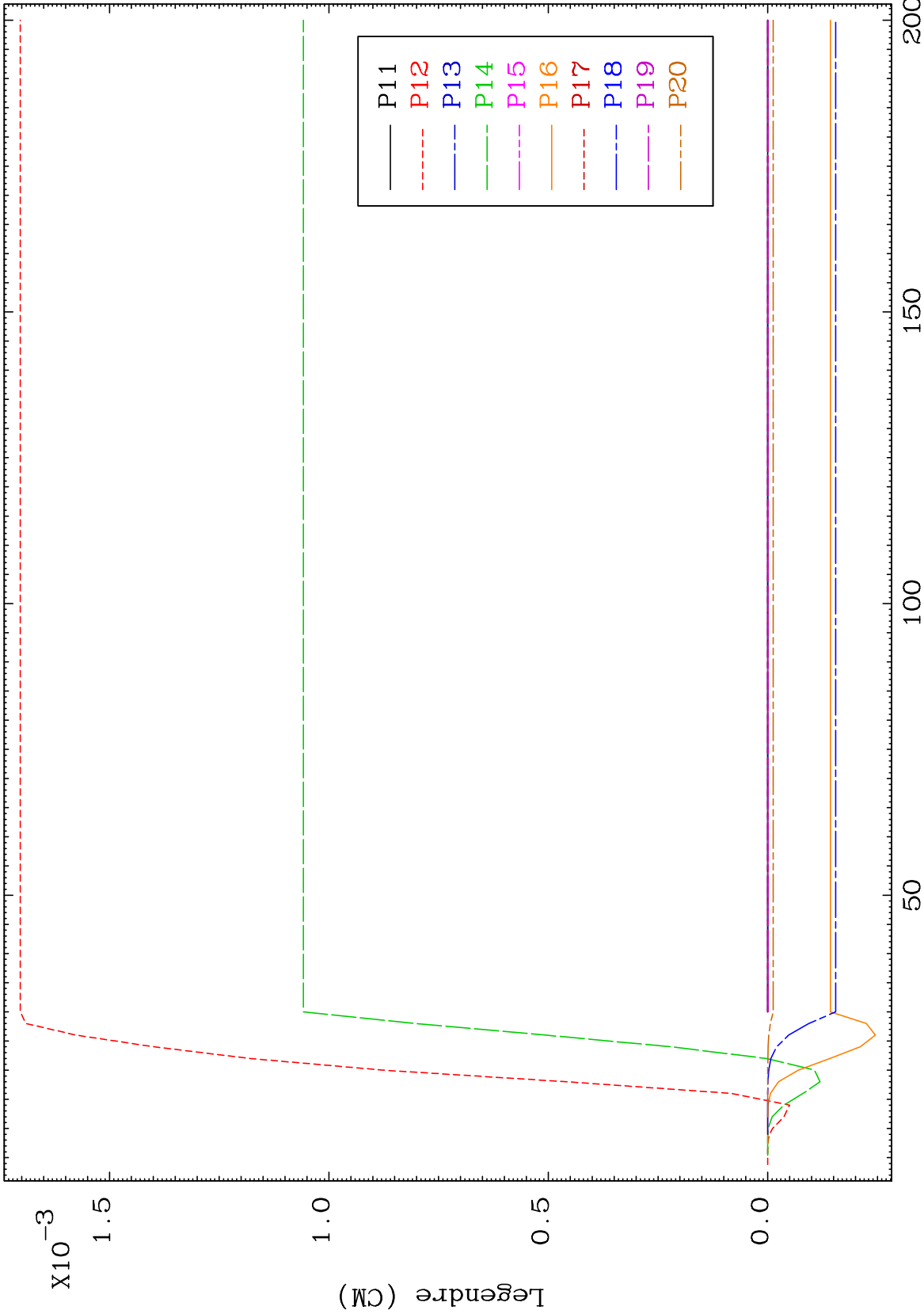
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

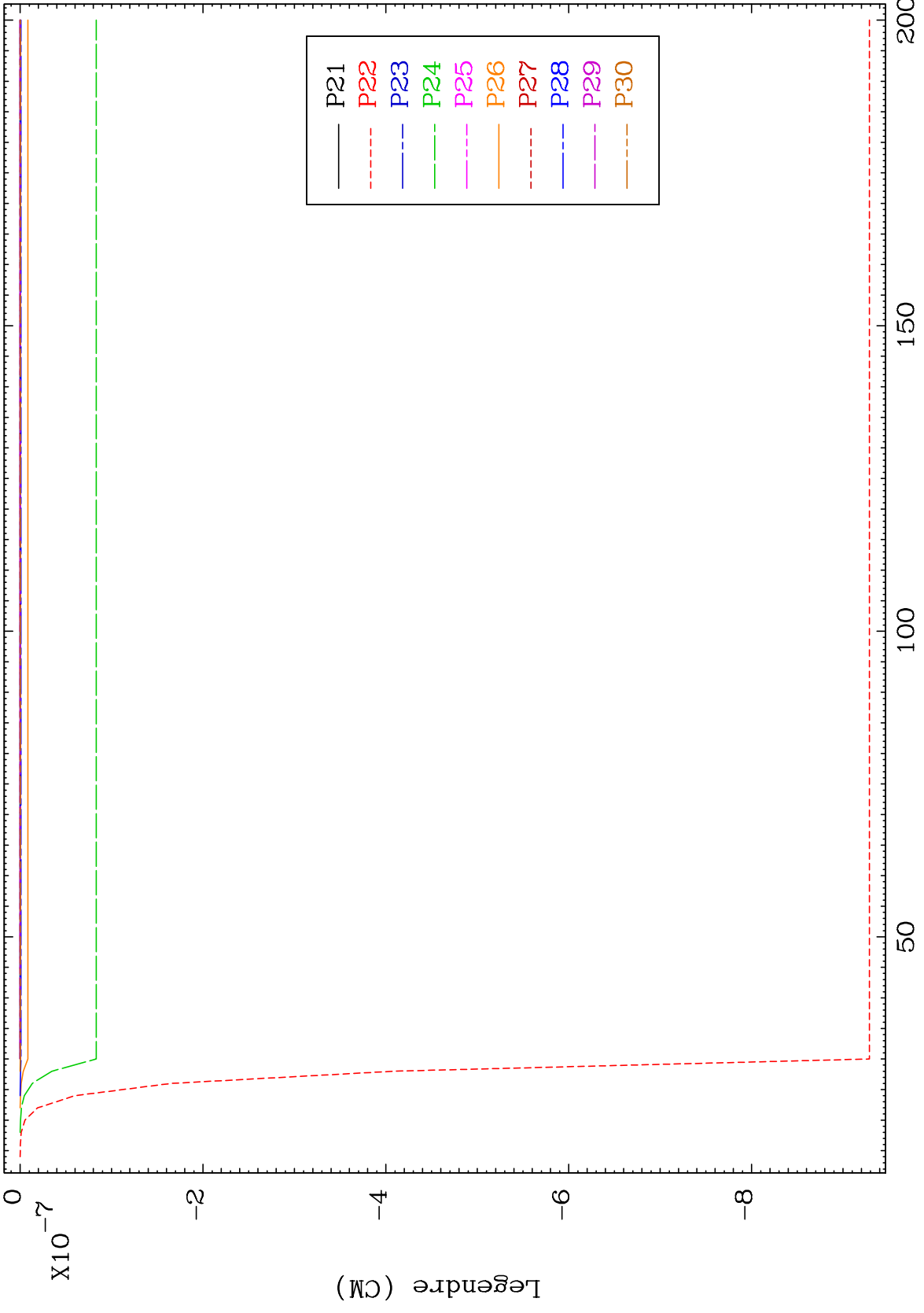


72

Incident Energy (MeV)

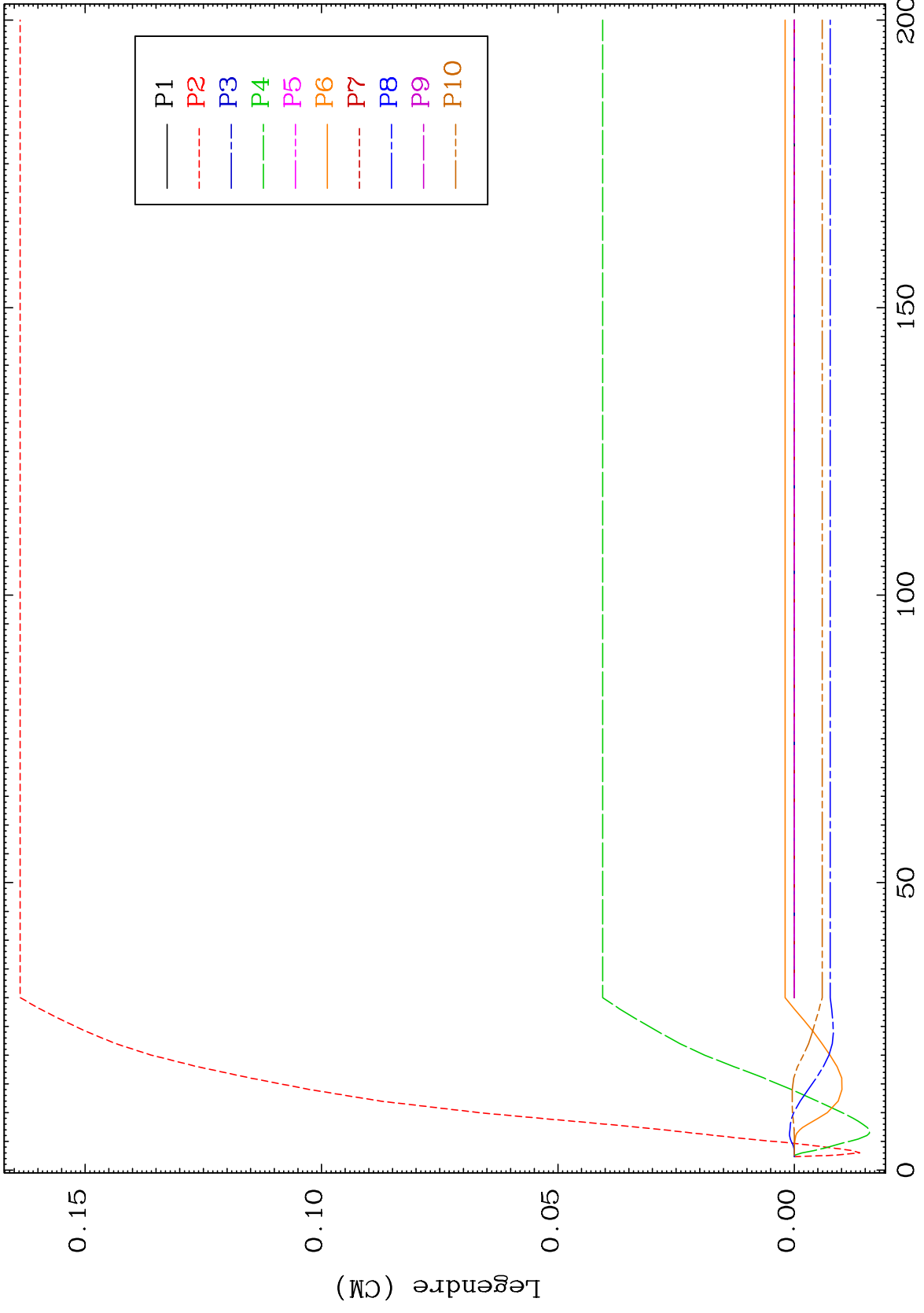
54-Xe-134

MAT 5455 MT= 65 (n,n') Level Legendre Coefficients 54-Xe-134



73 54-Xe-134

MAT 5455 MT= 66 (n,n') Level Legendre Coefficients 54-Xe-134

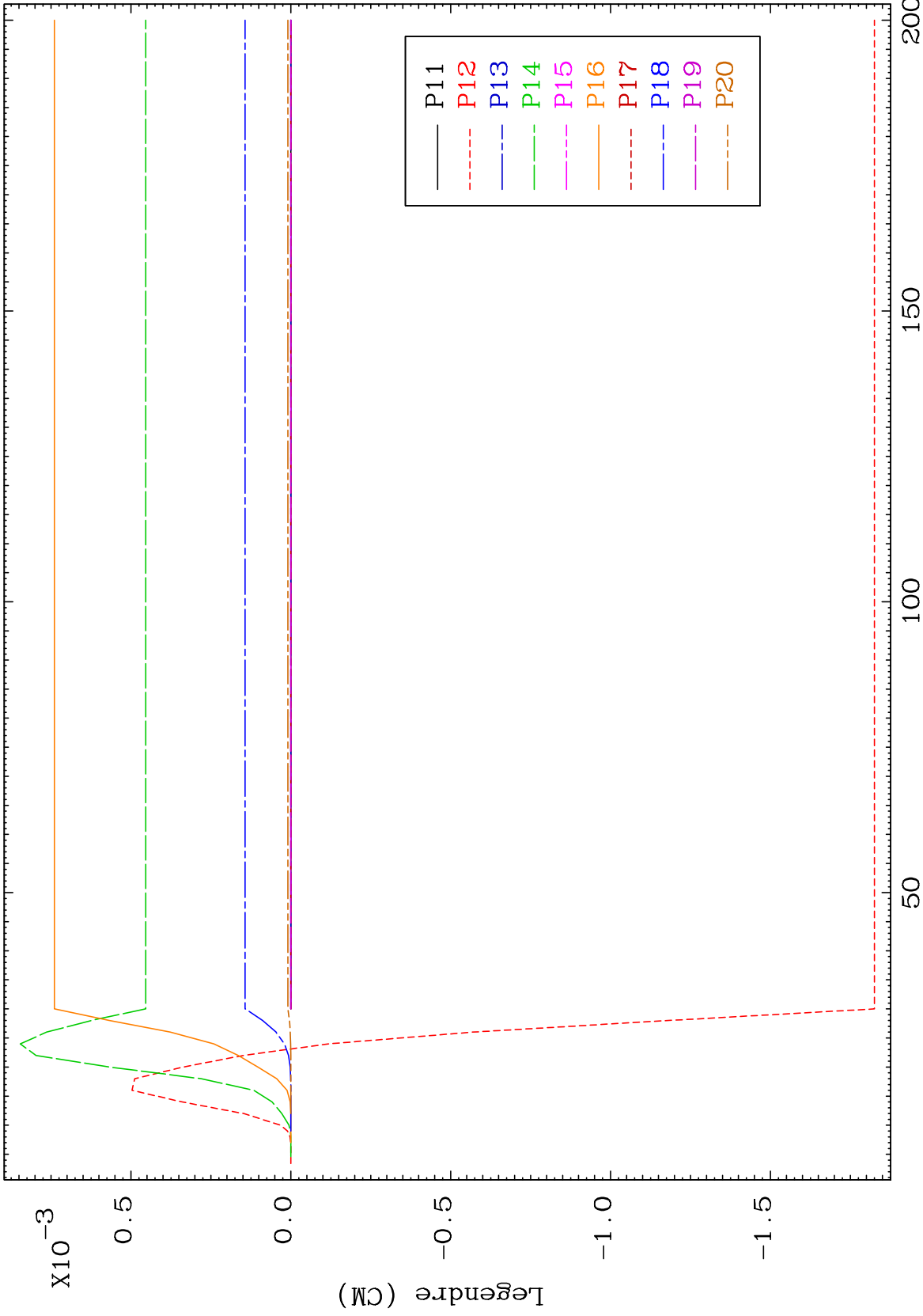


74 54-Xe-134

MAT 5455

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

54-Xe-134



75

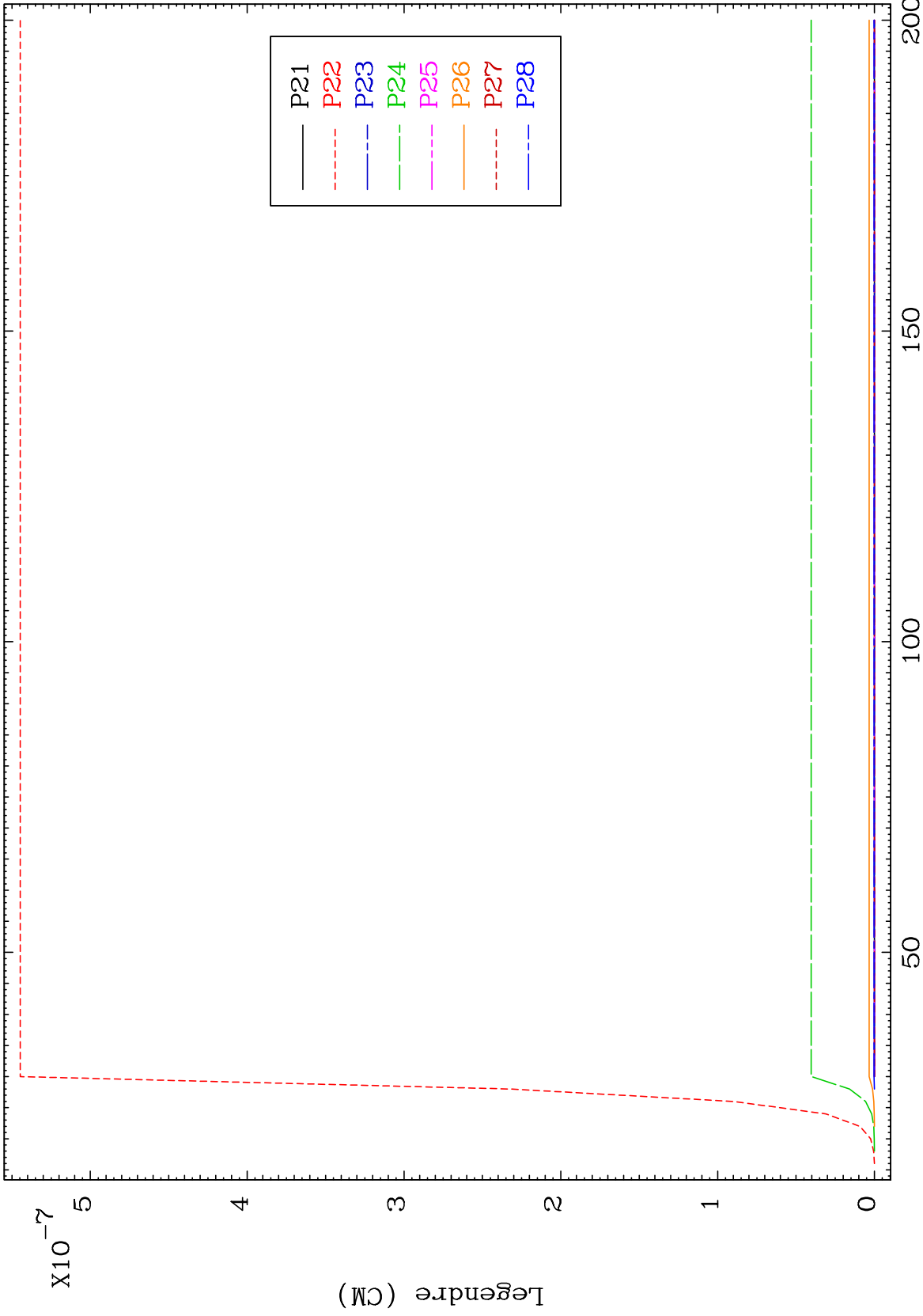
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



76

Incident Energy (MeV)

150

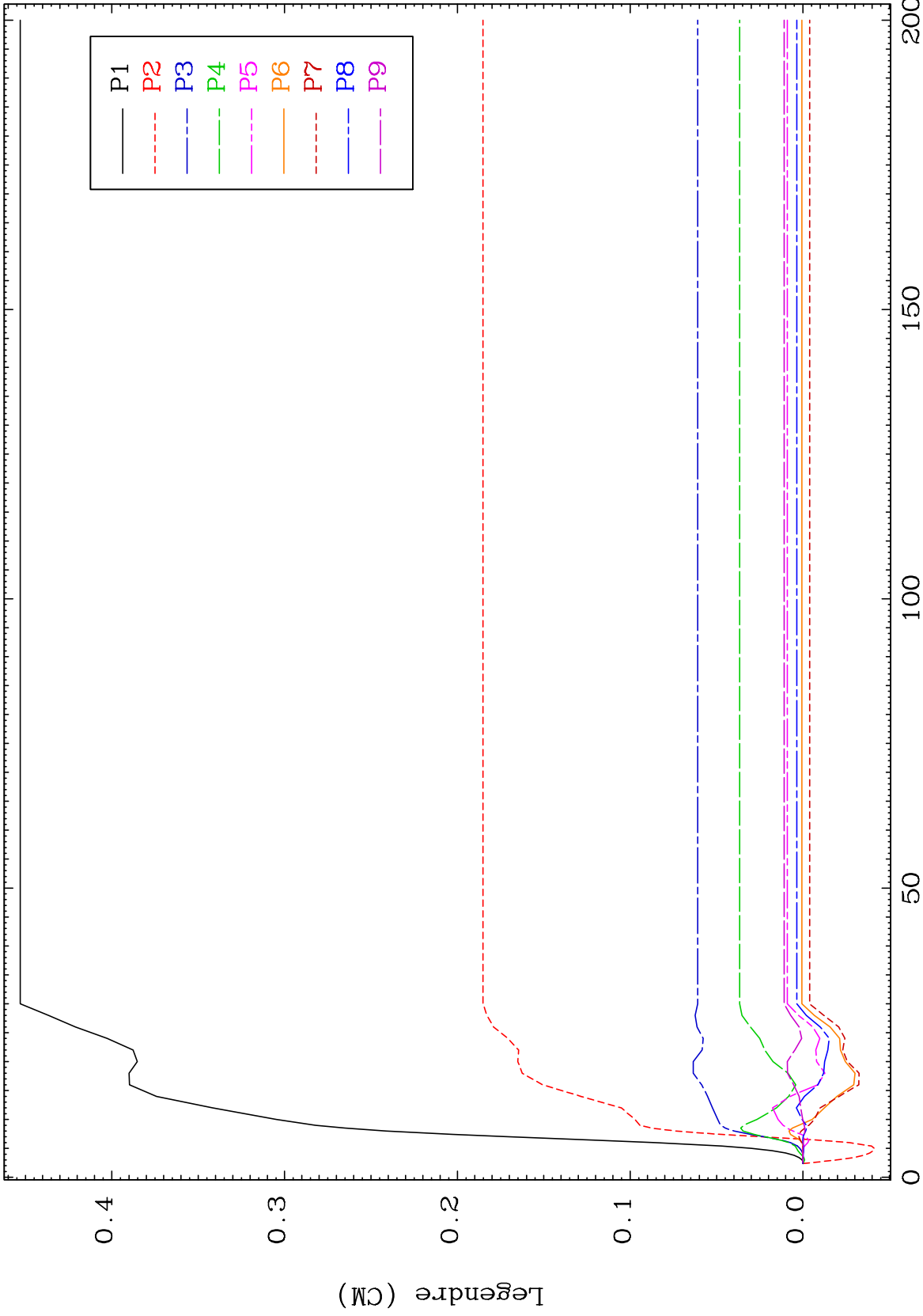
200

54-Xe-134

MAT 5455

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

54-Xe-134



77

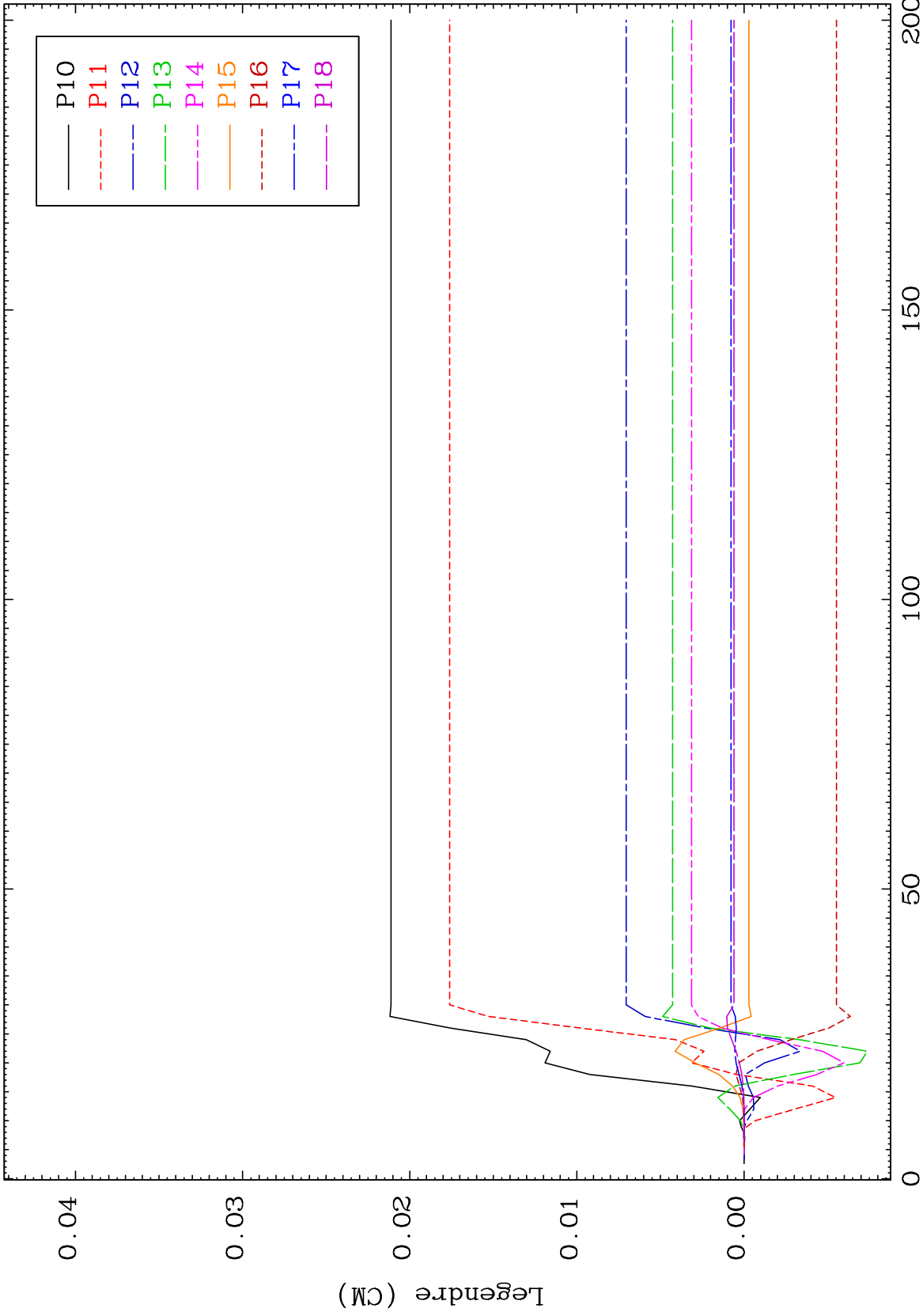
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



78

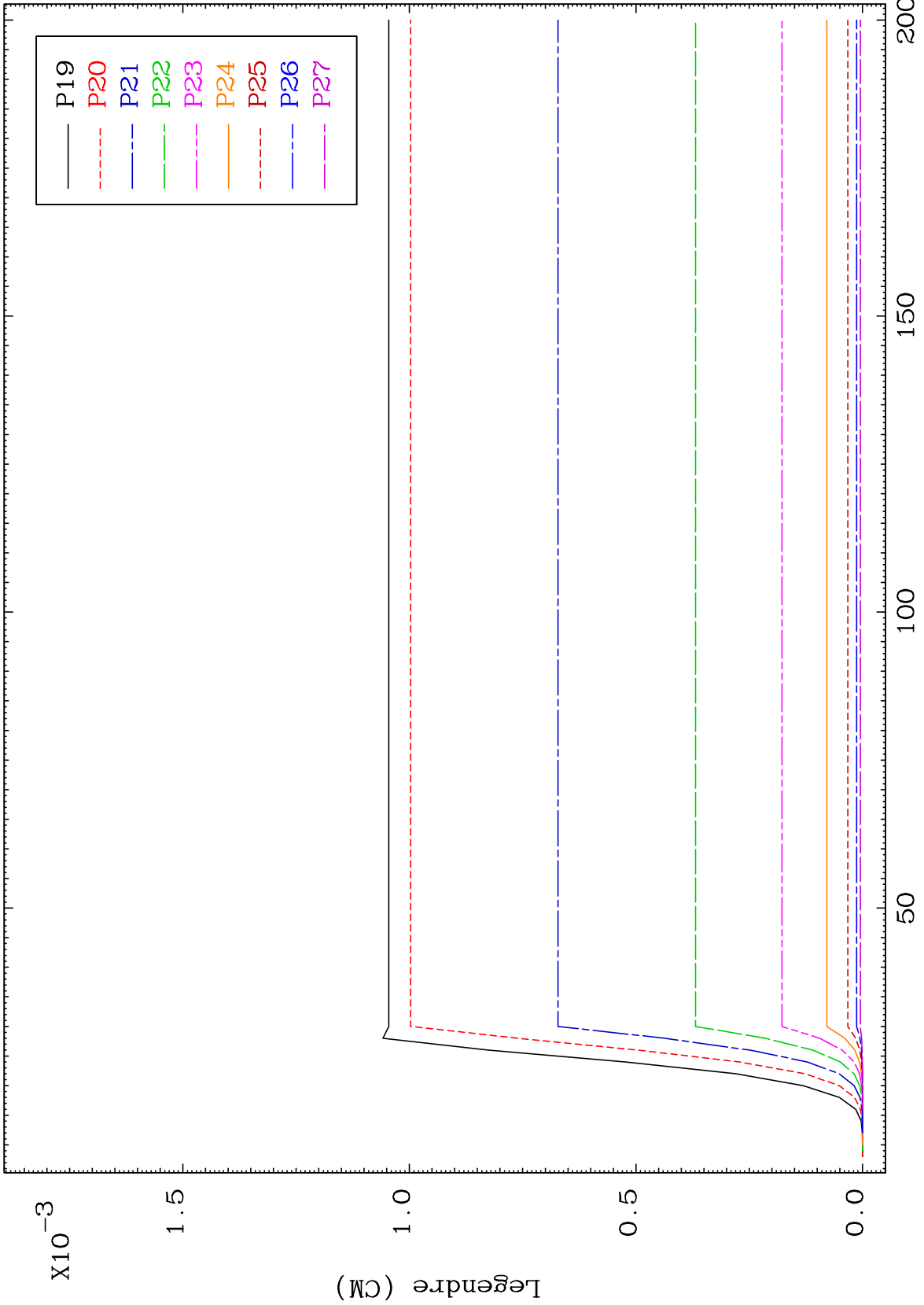
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



79

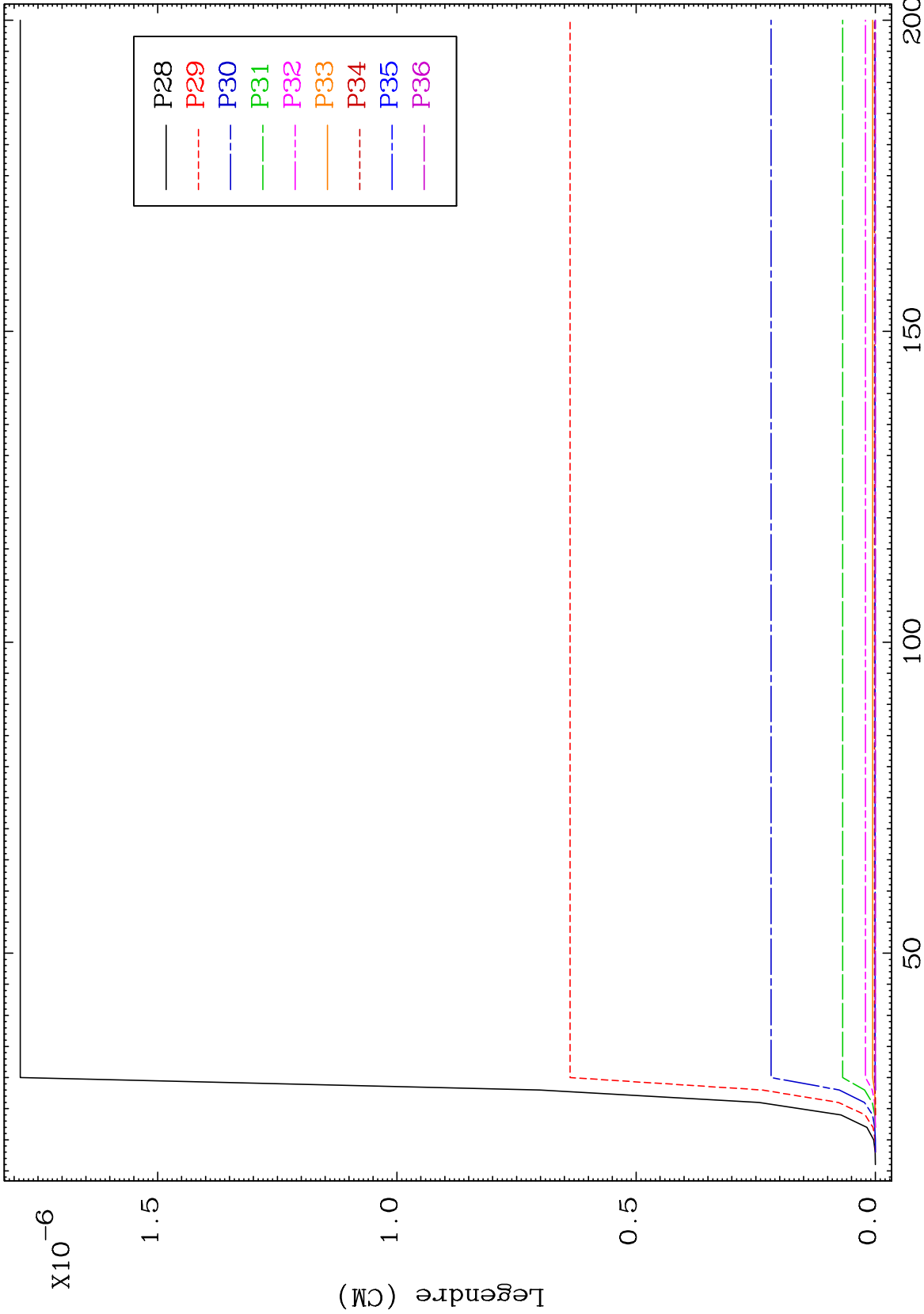
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



80

Incident Energy (MeV)

150

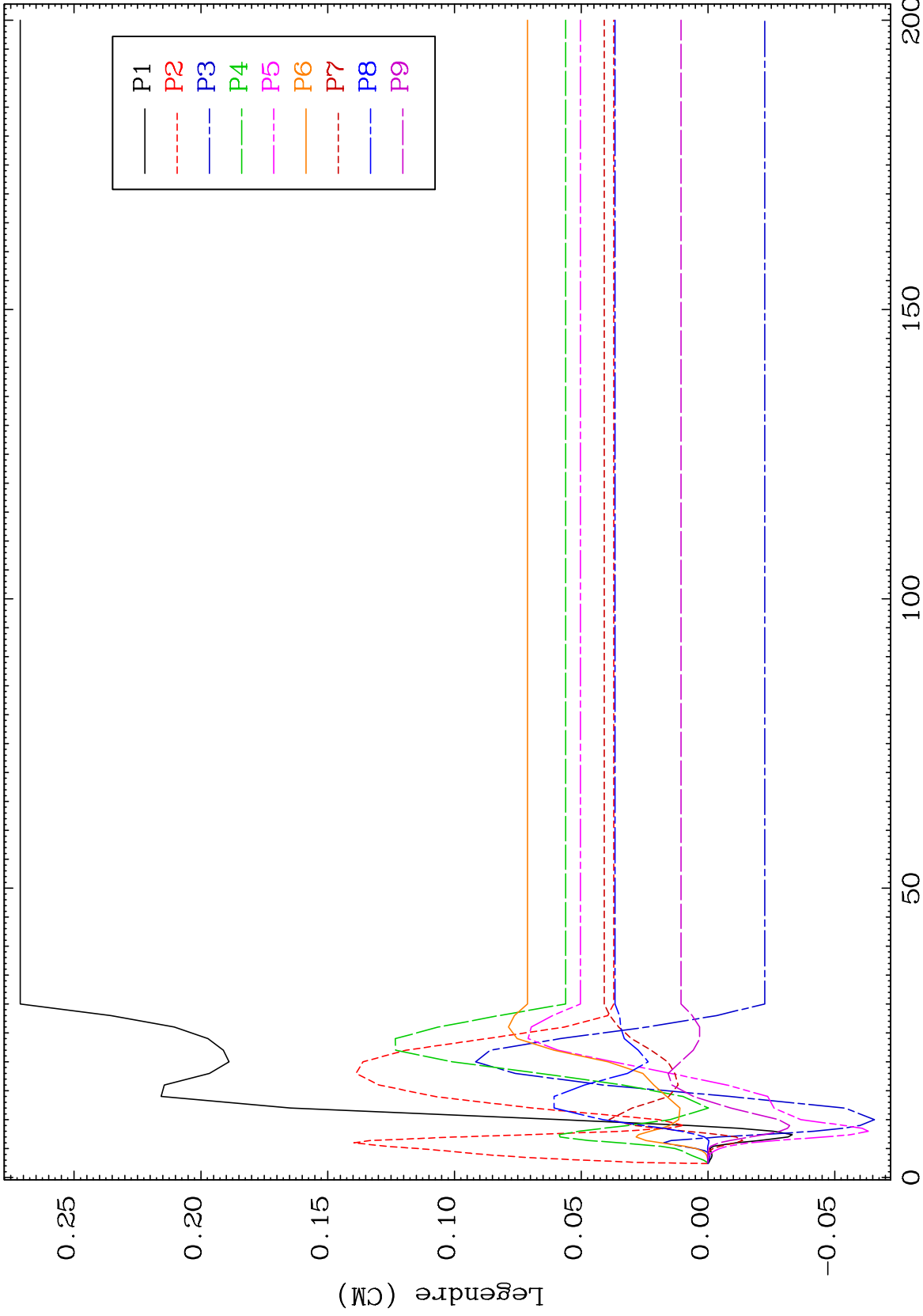
200

54-Xe-134

MAT 5455

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

54-Xe-134



81

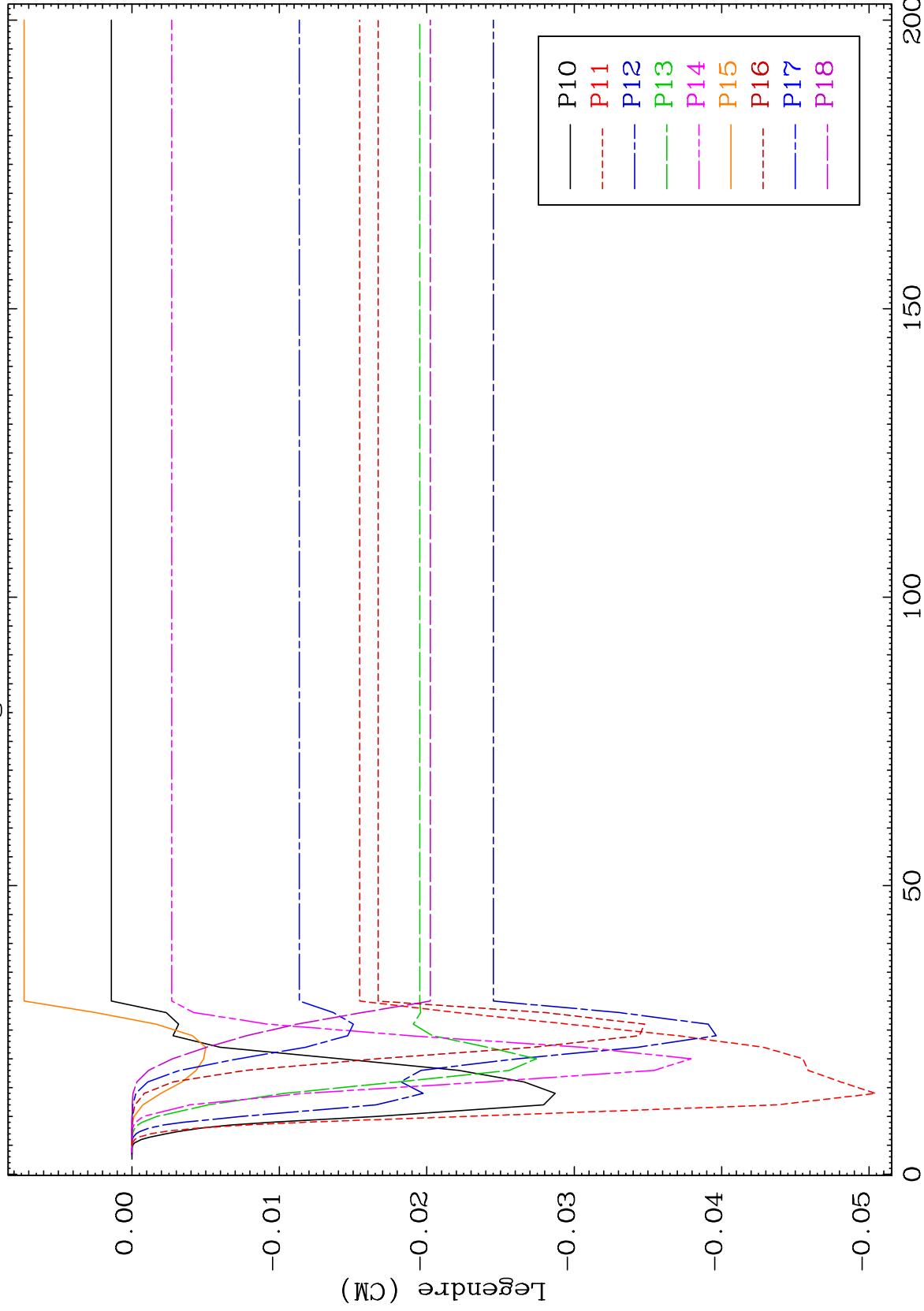
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

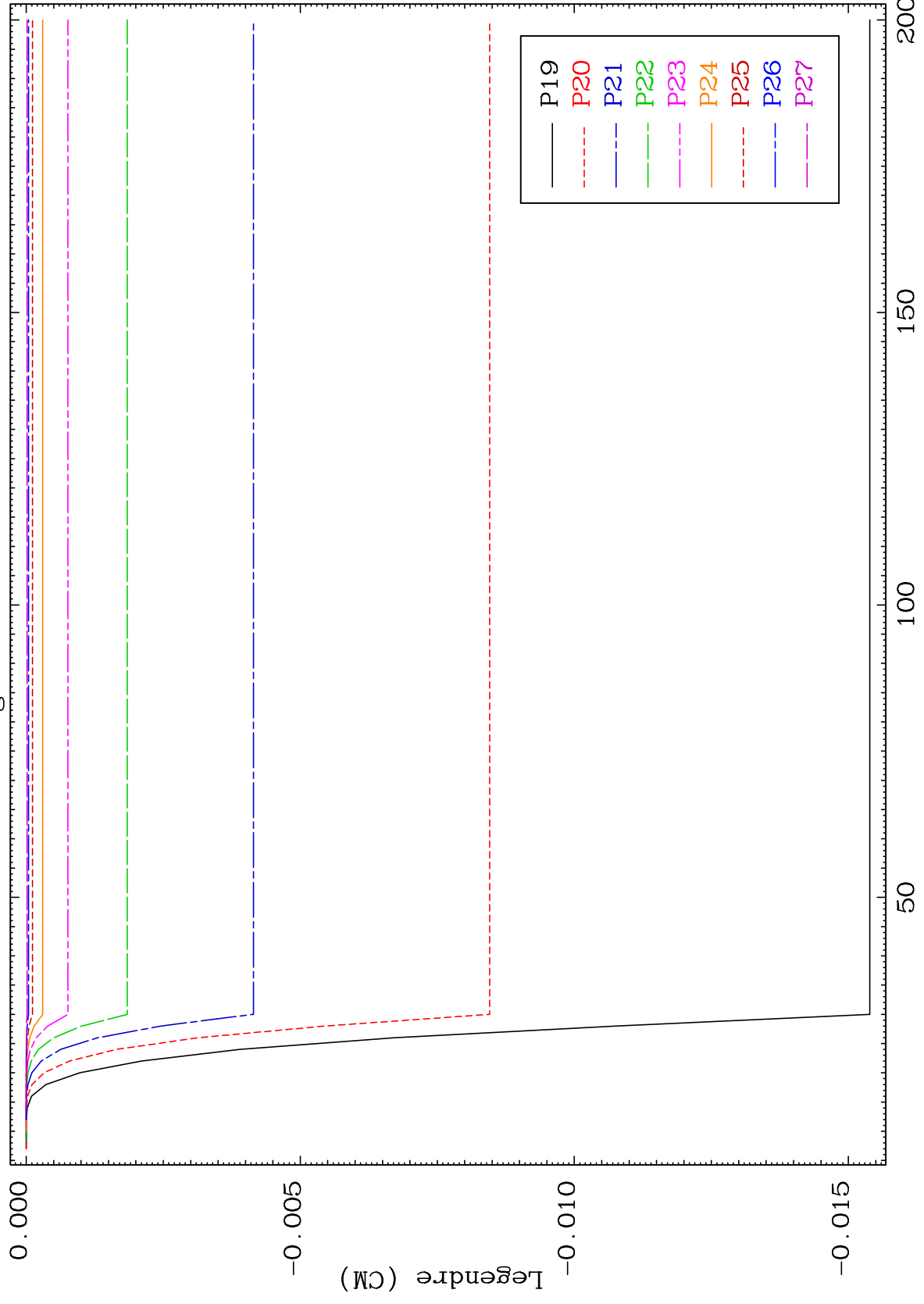


82

Incident Energy (MeV)

54-Xe-134

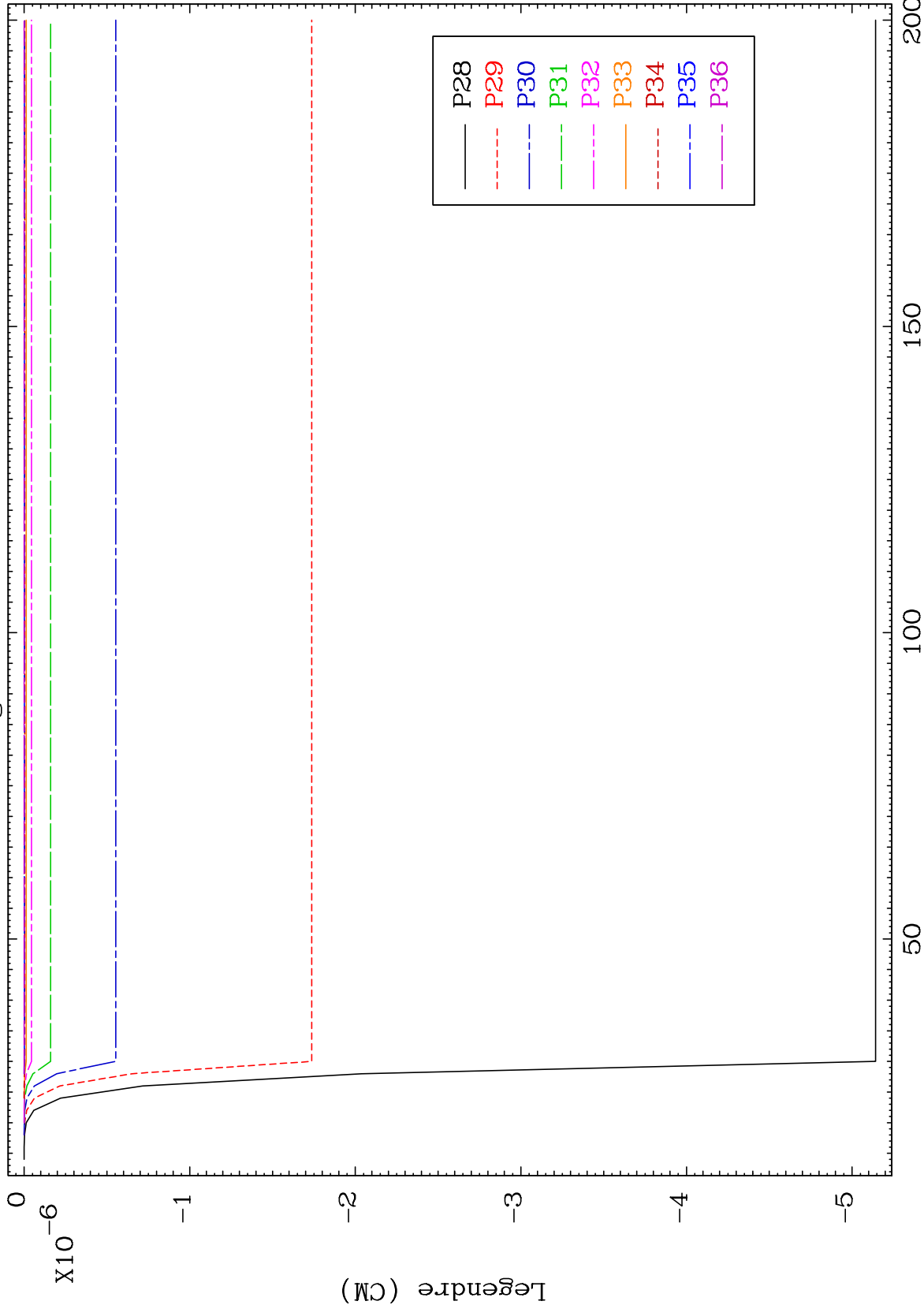
MAT 5455 MT= 68 (n,n') Level Legendre Coefficients 54-Xe-134



MAT 5455

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

54-Xe-134



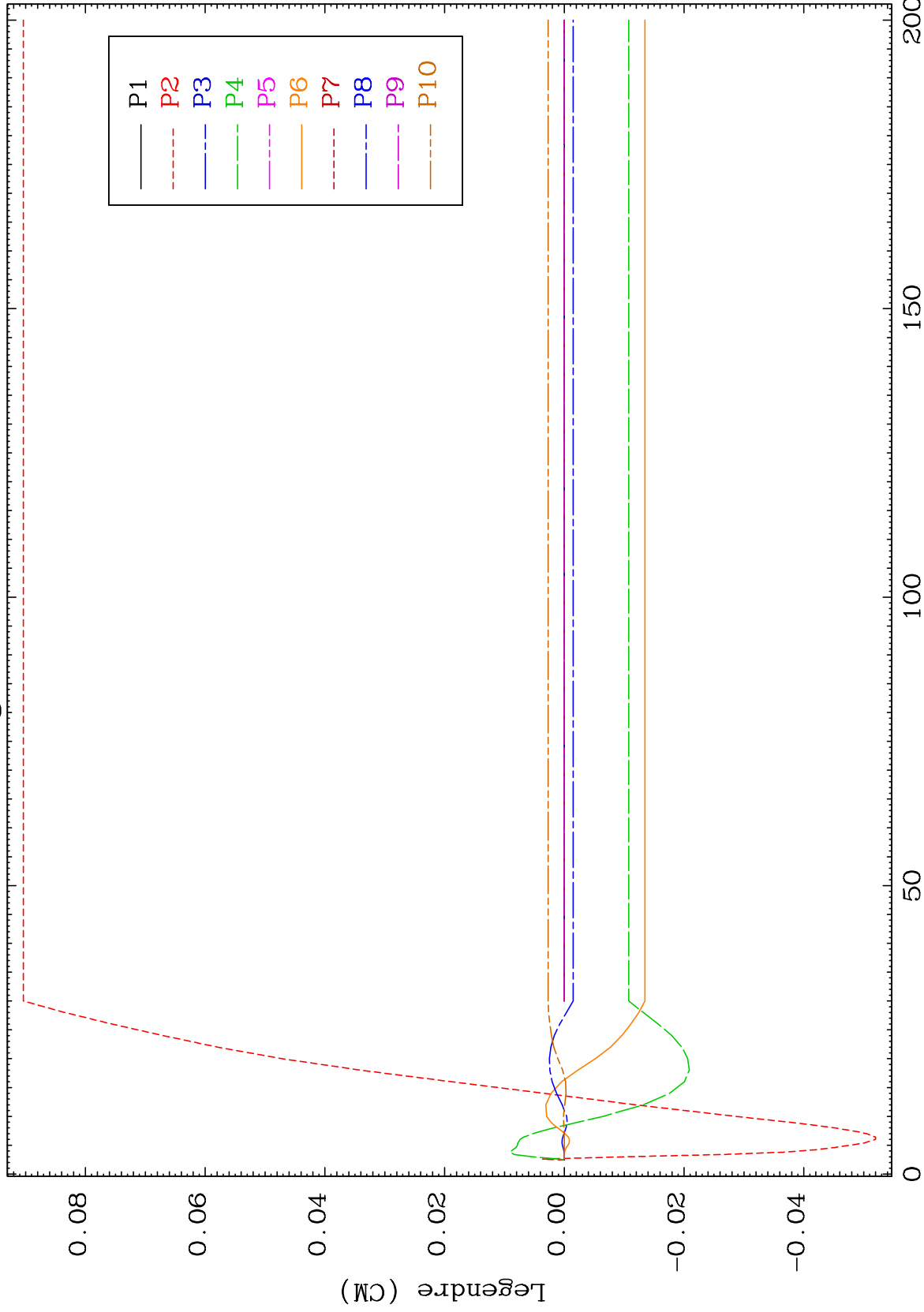
84

54-Xe-134

MAT 5455

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

54-Xe-134



85

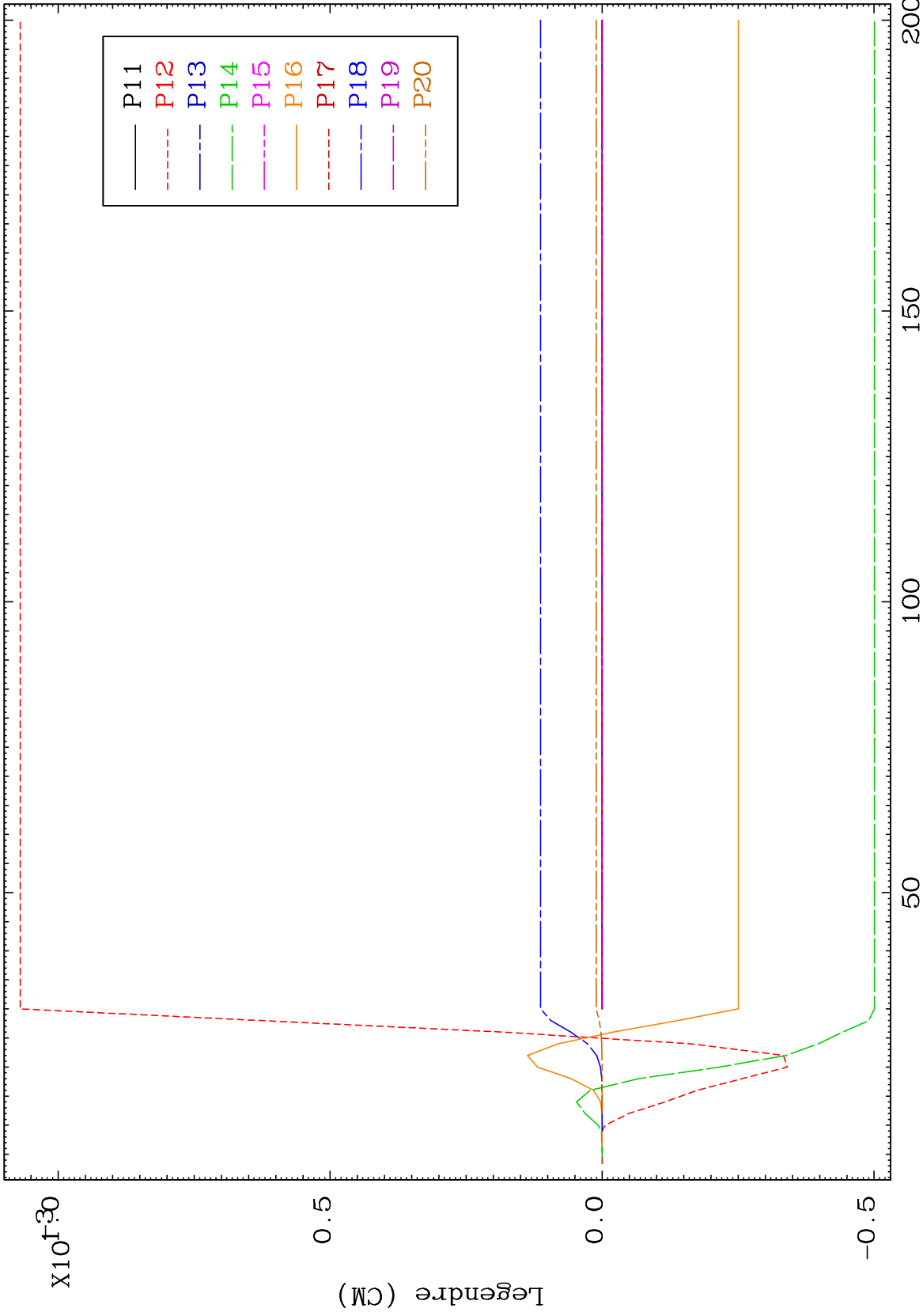
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

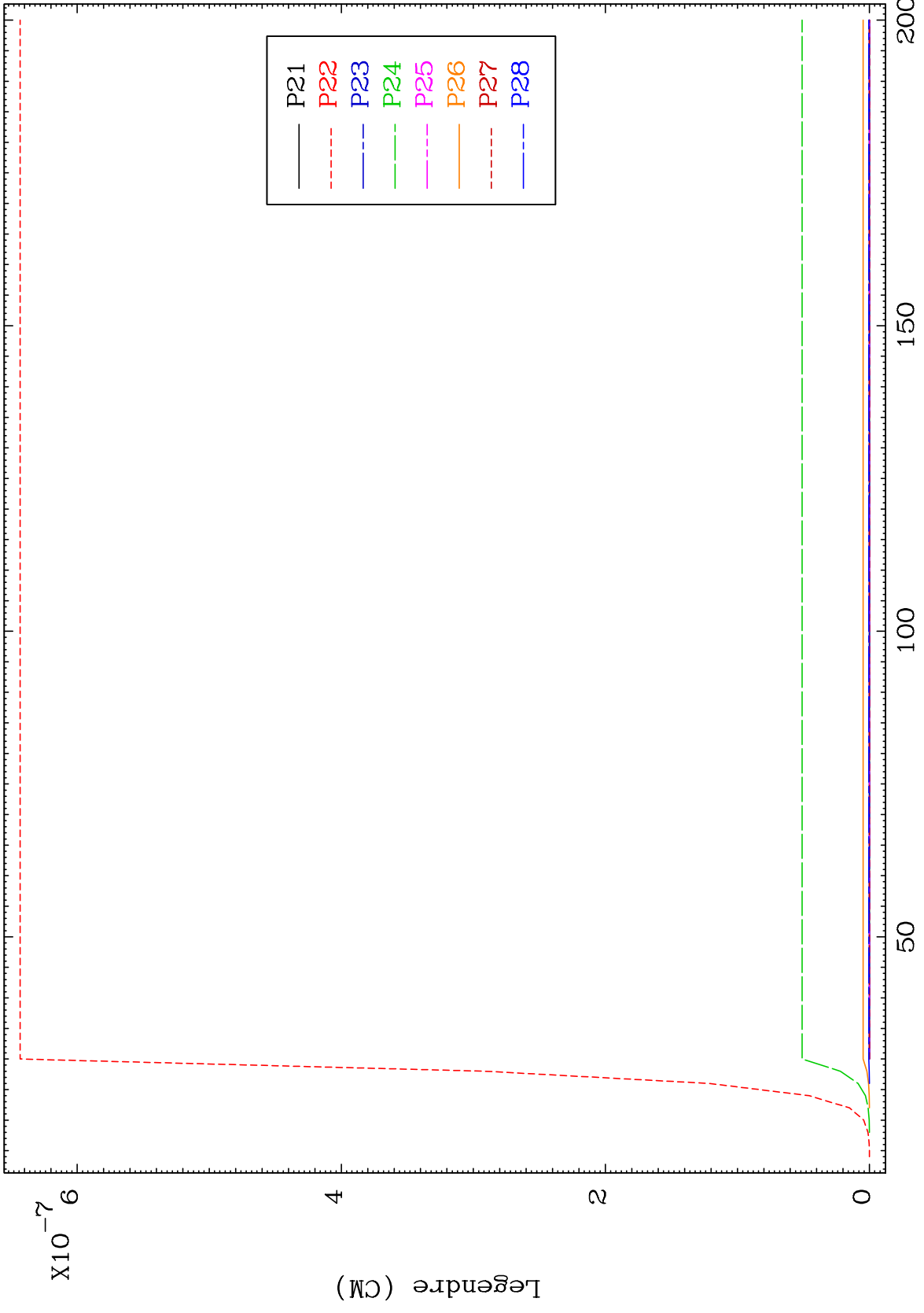


86

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 69 (n,n') Level Legendre Coefficients 54-Xe-134

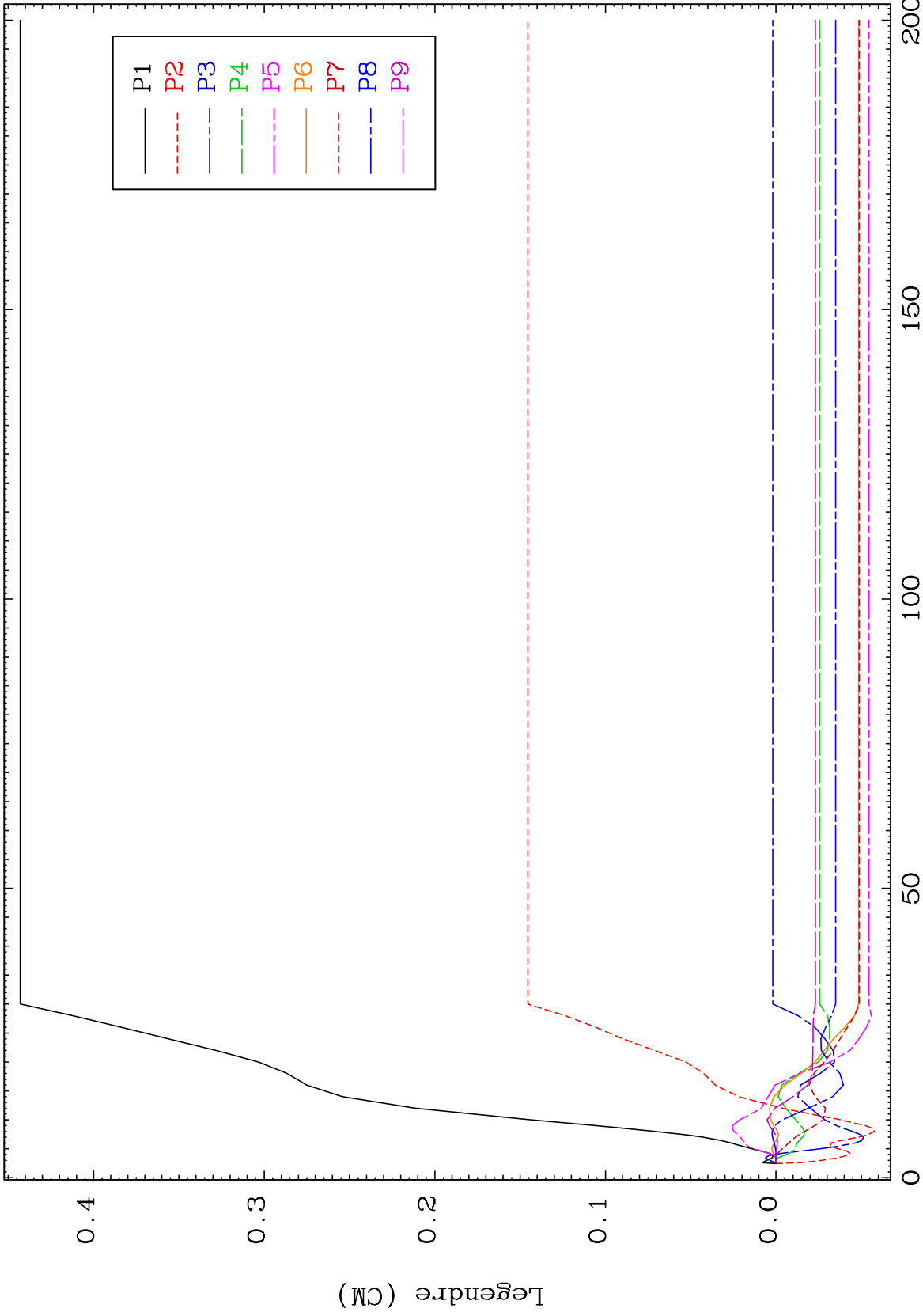


87 54-Xe-134

MAT 5455

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

54-Xe-134



88

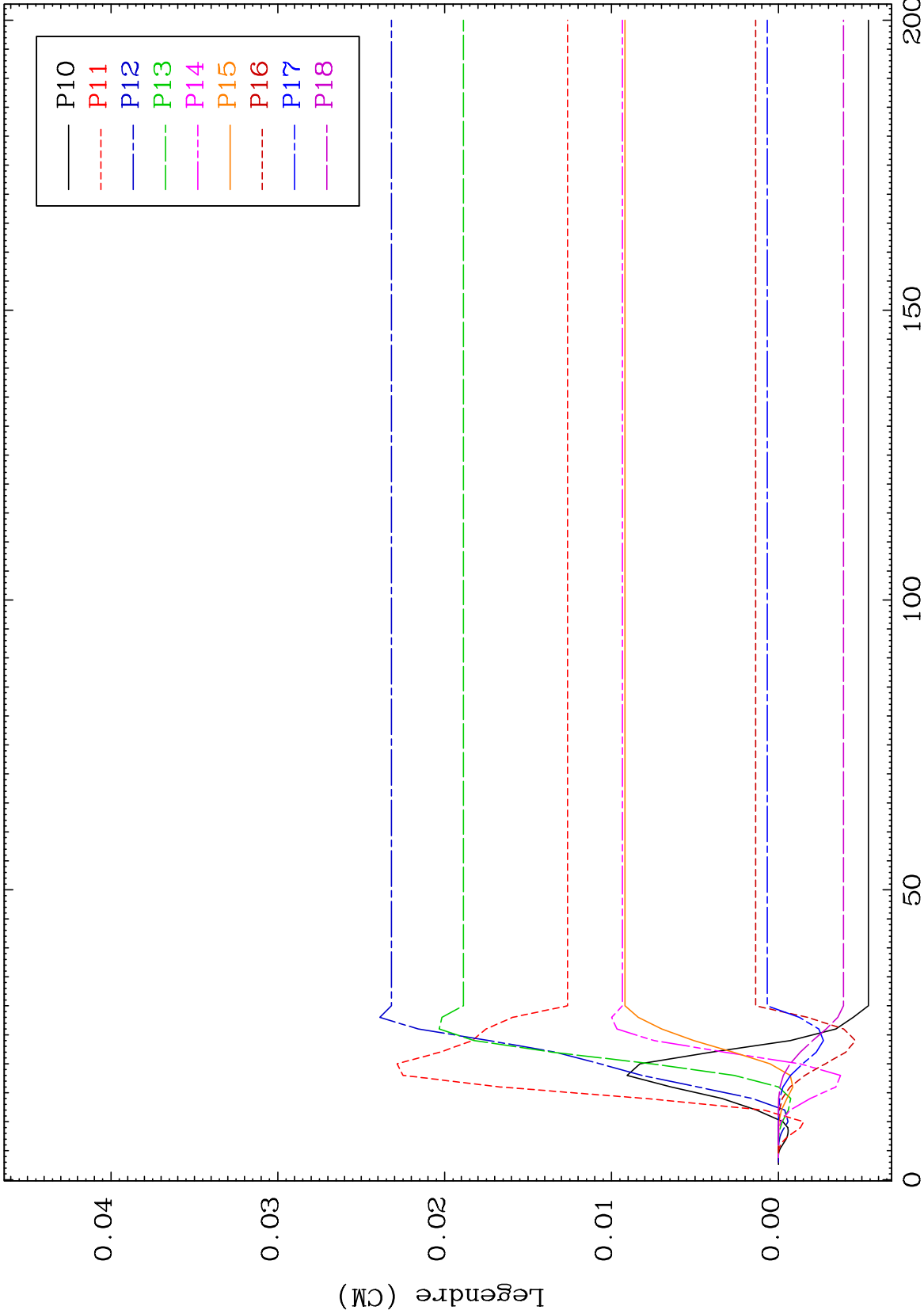
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



89

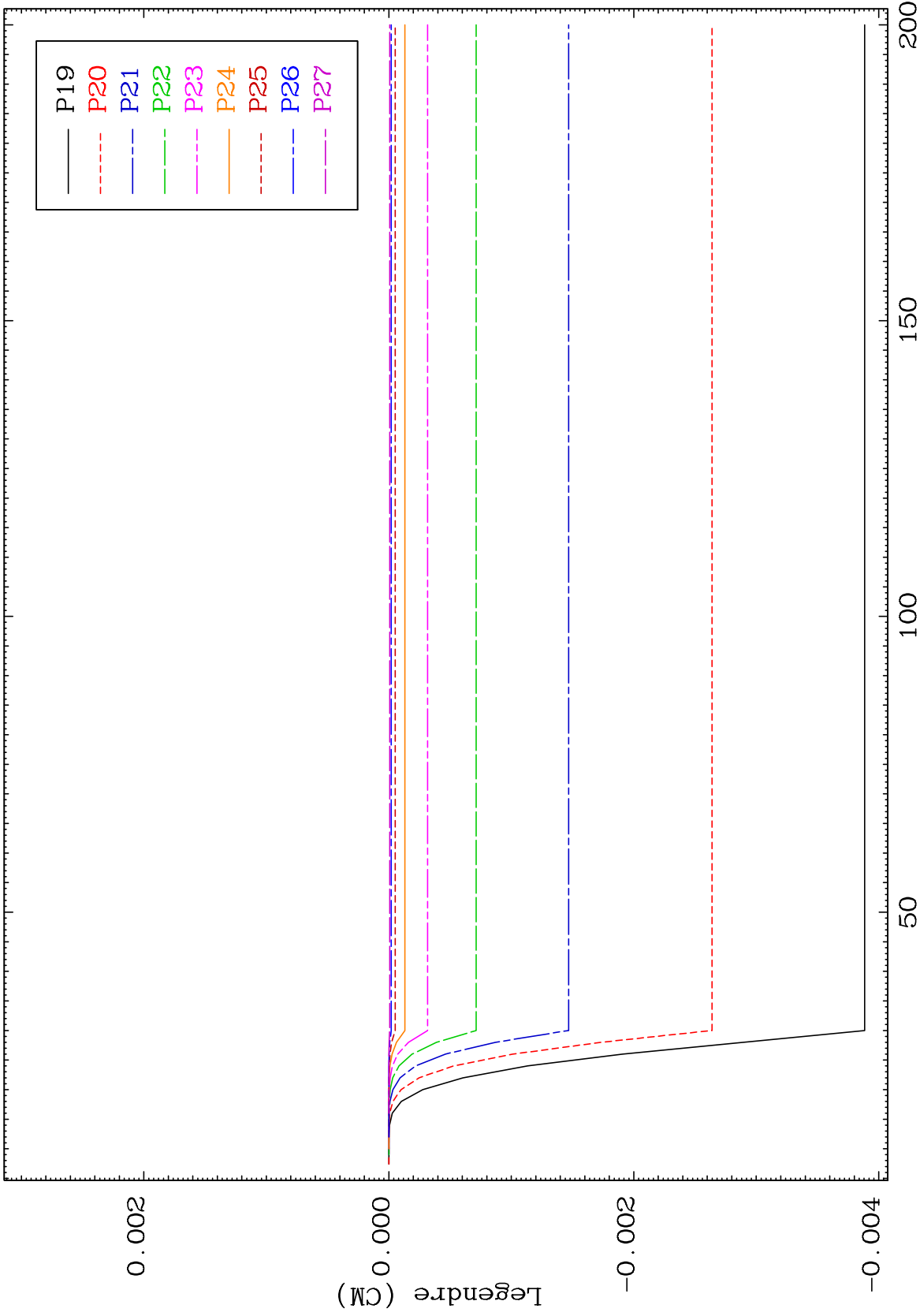
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



90

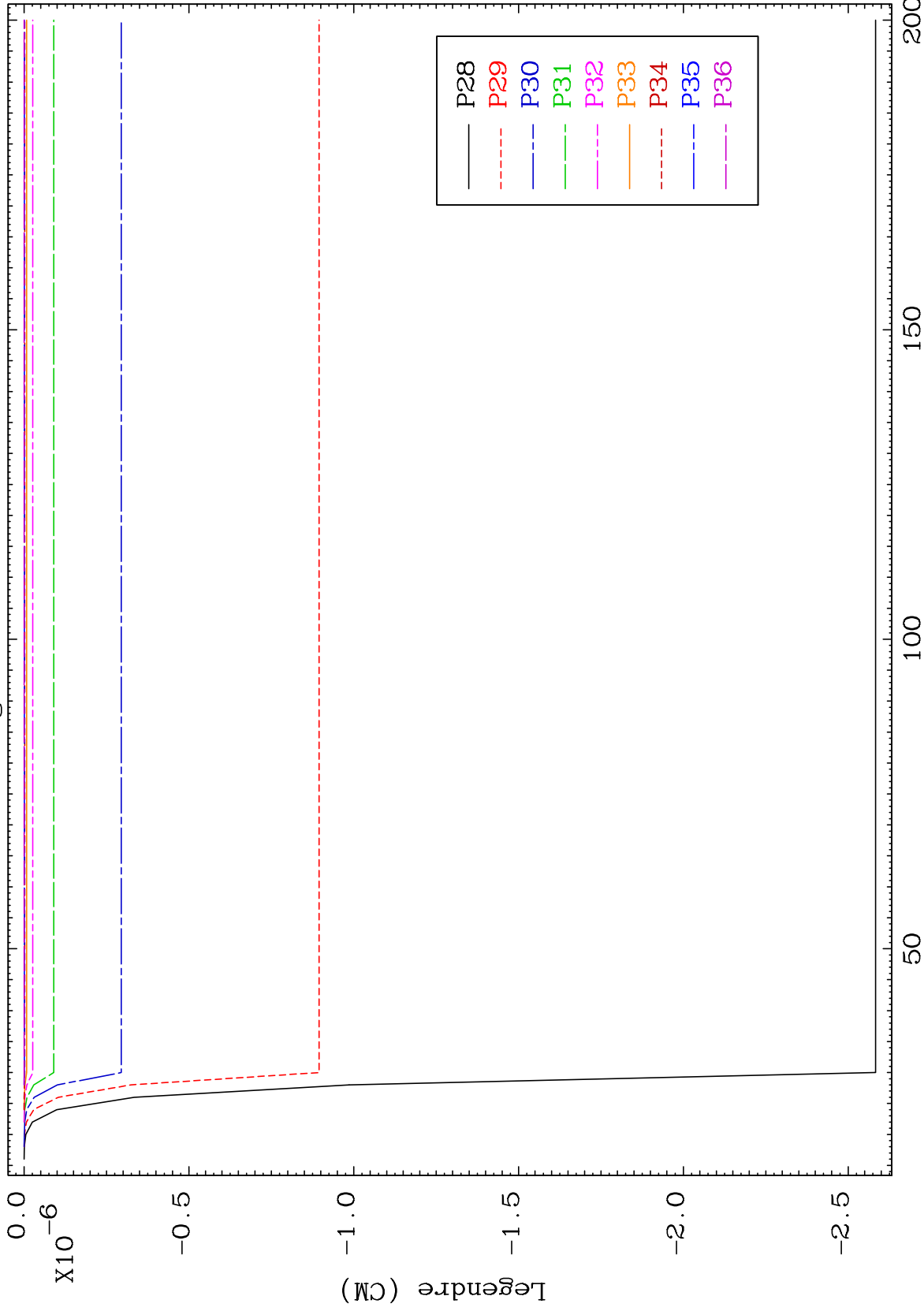
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



91

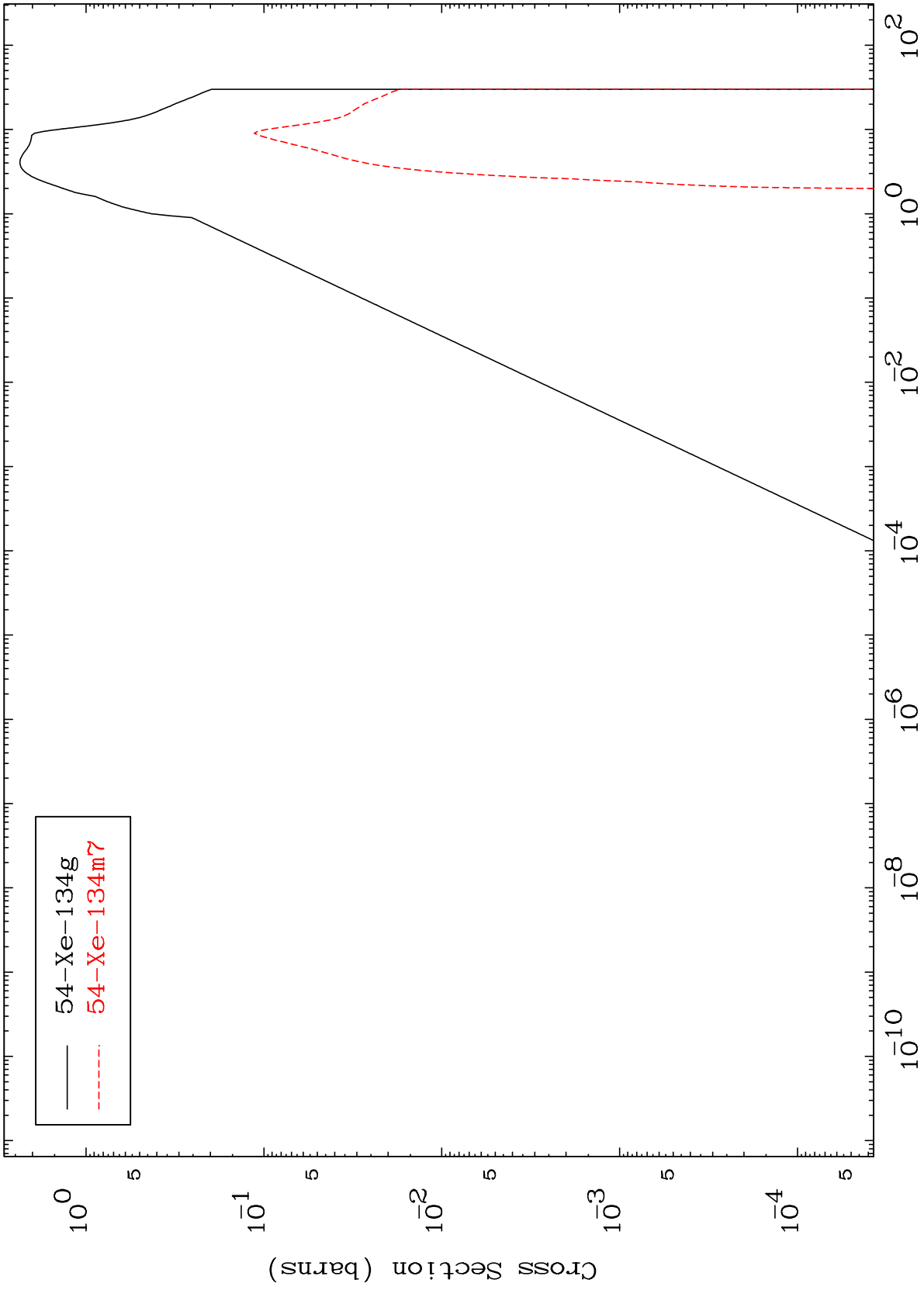
Incident Energy (MeV)

54-Xe-134

MAT 5455

Inelastic  
Radionuclide Production Cross Section

54-Xe-134



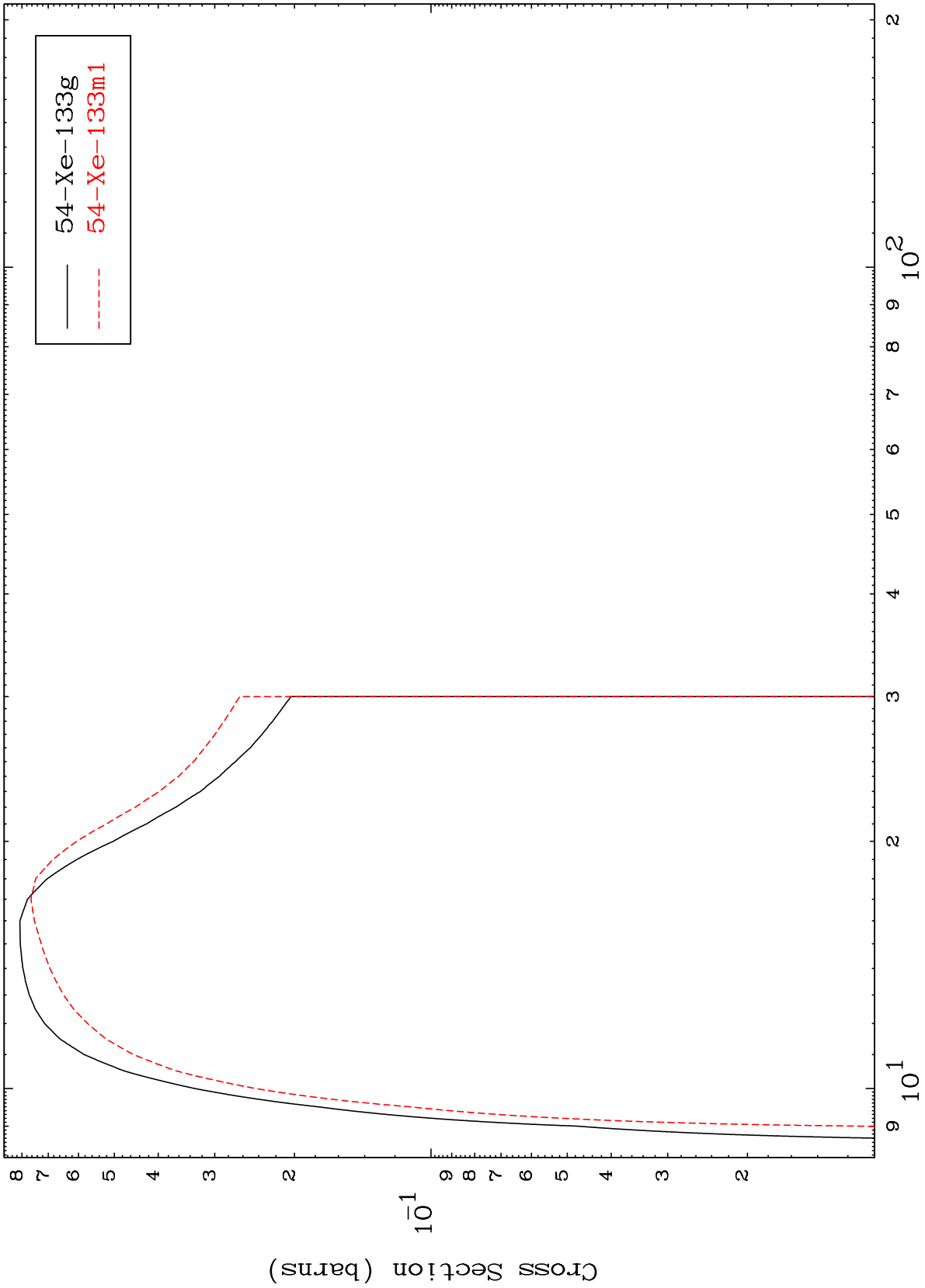
92

54-Xe-134

MAT 5455

54-Xe-134

(n,2n)  
Radionuclide Production Cross Section



93

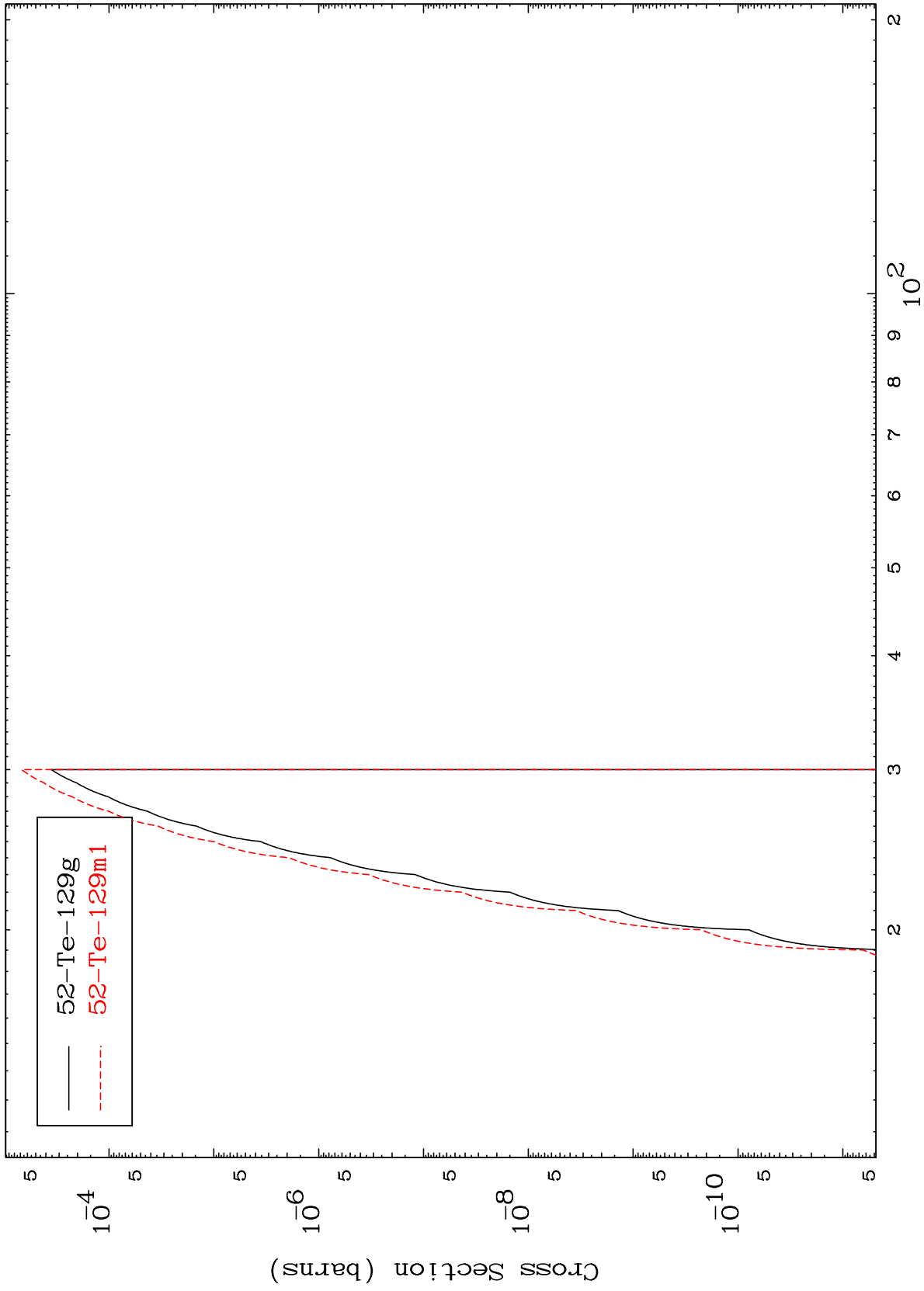
54-Xe-134

MAT 5455

(n,2n)  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



94

Incident Energy (MeV)

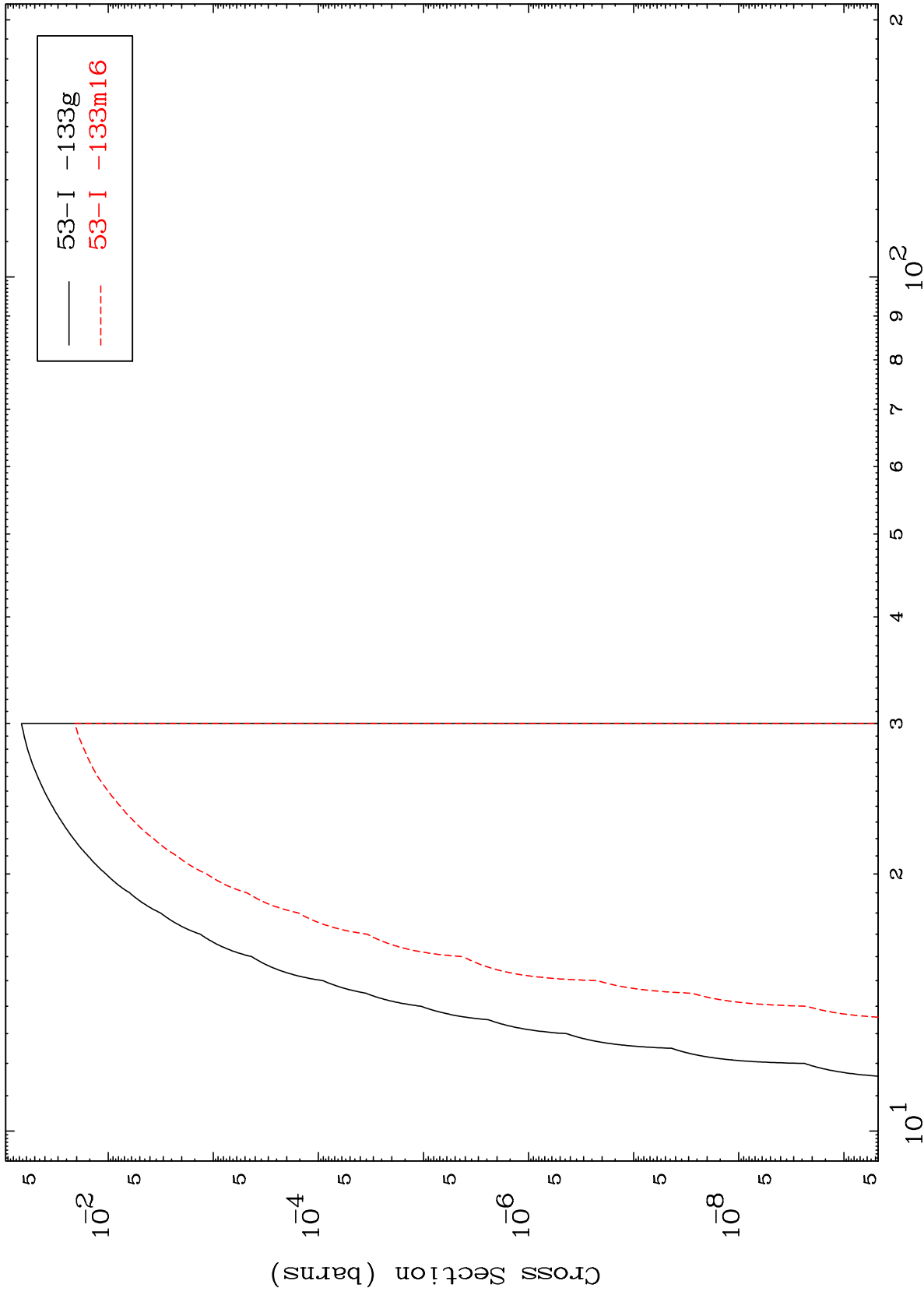
54-Xe-134

MAT 5455

(n,n') p

54-Xe-134

Radionuclide Production Cross Section



95

Incident Energy (MeV)

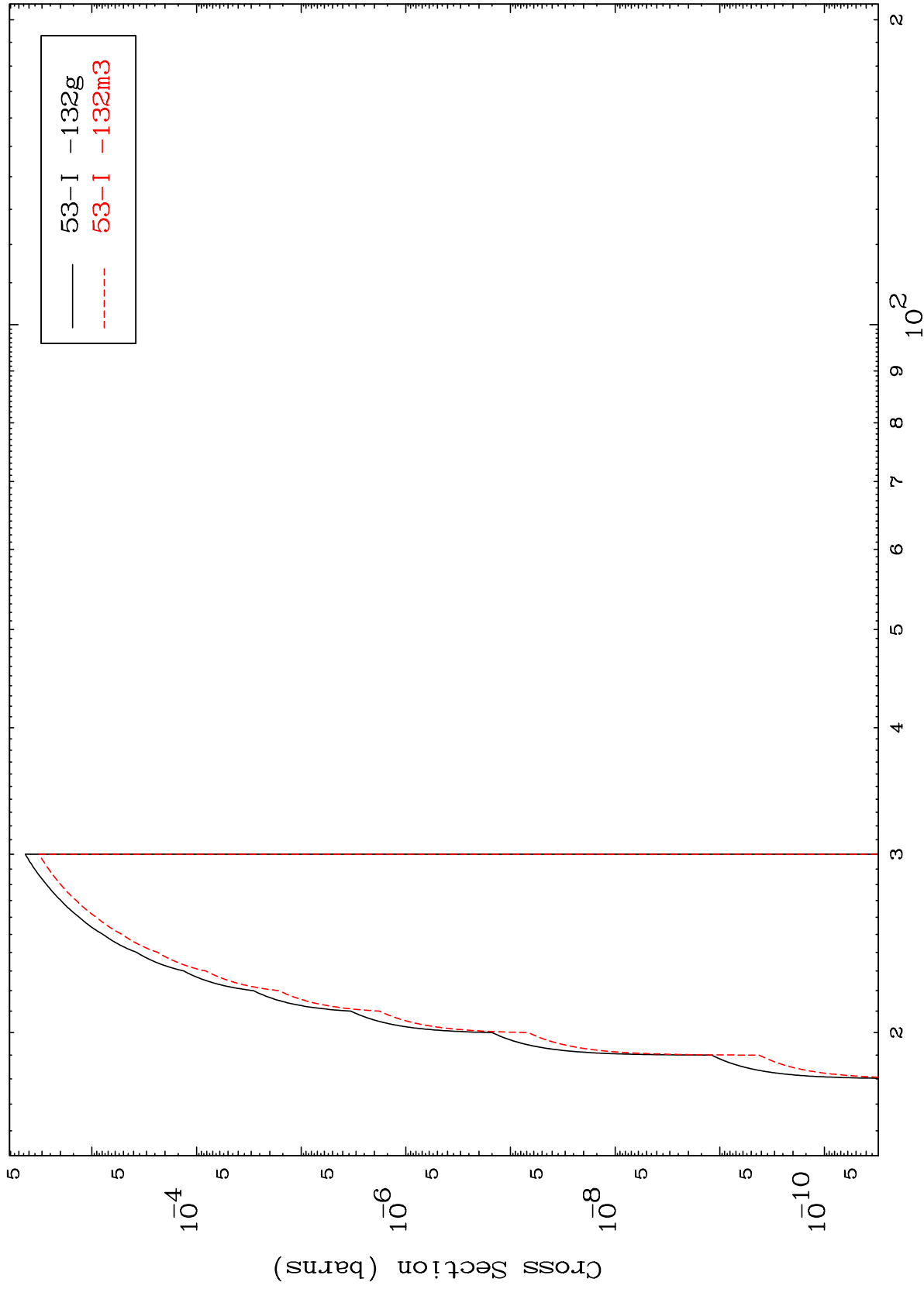
54-Xe-134

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



96

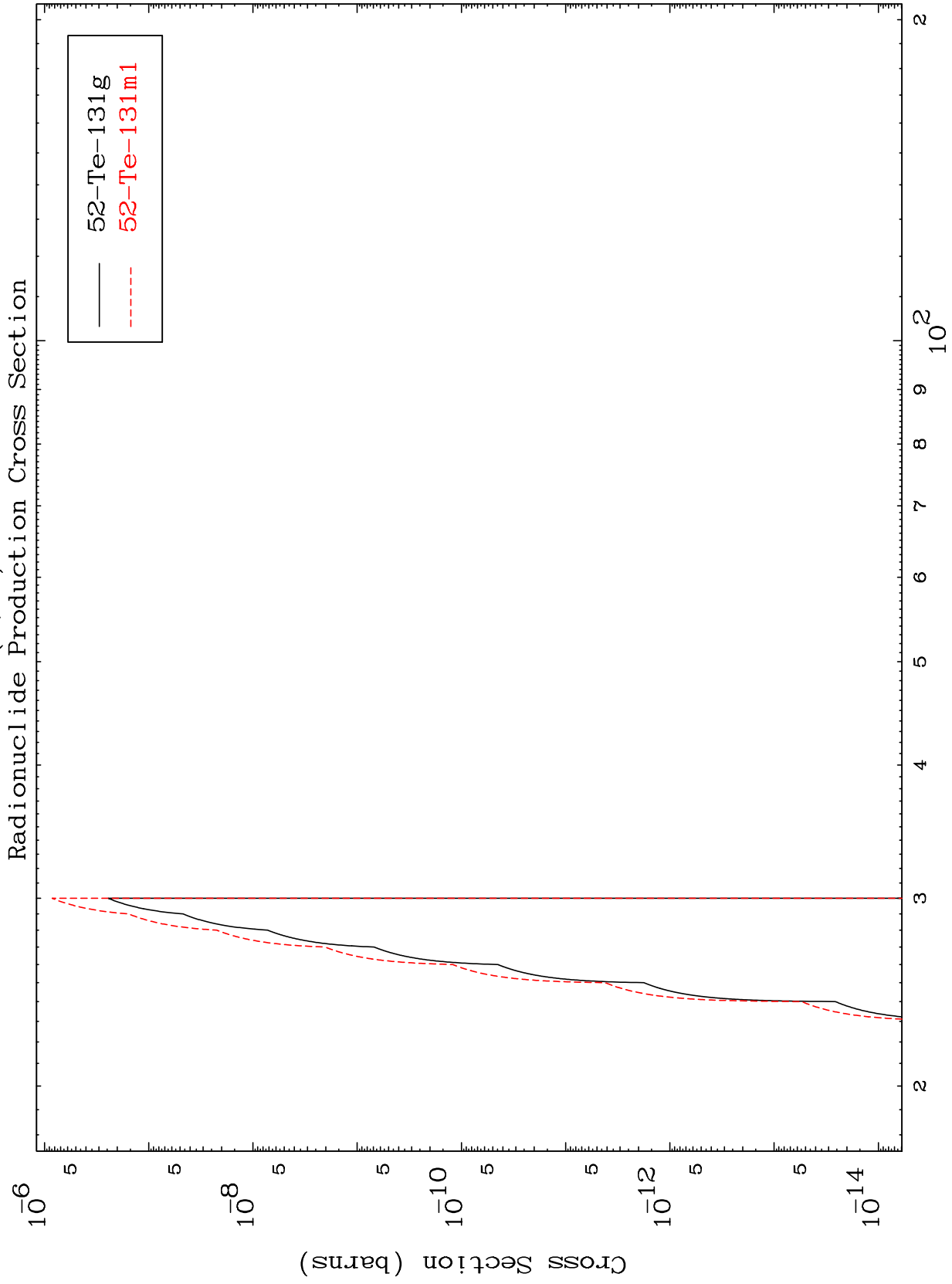
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n, n') He-3

54-Xe-134



97

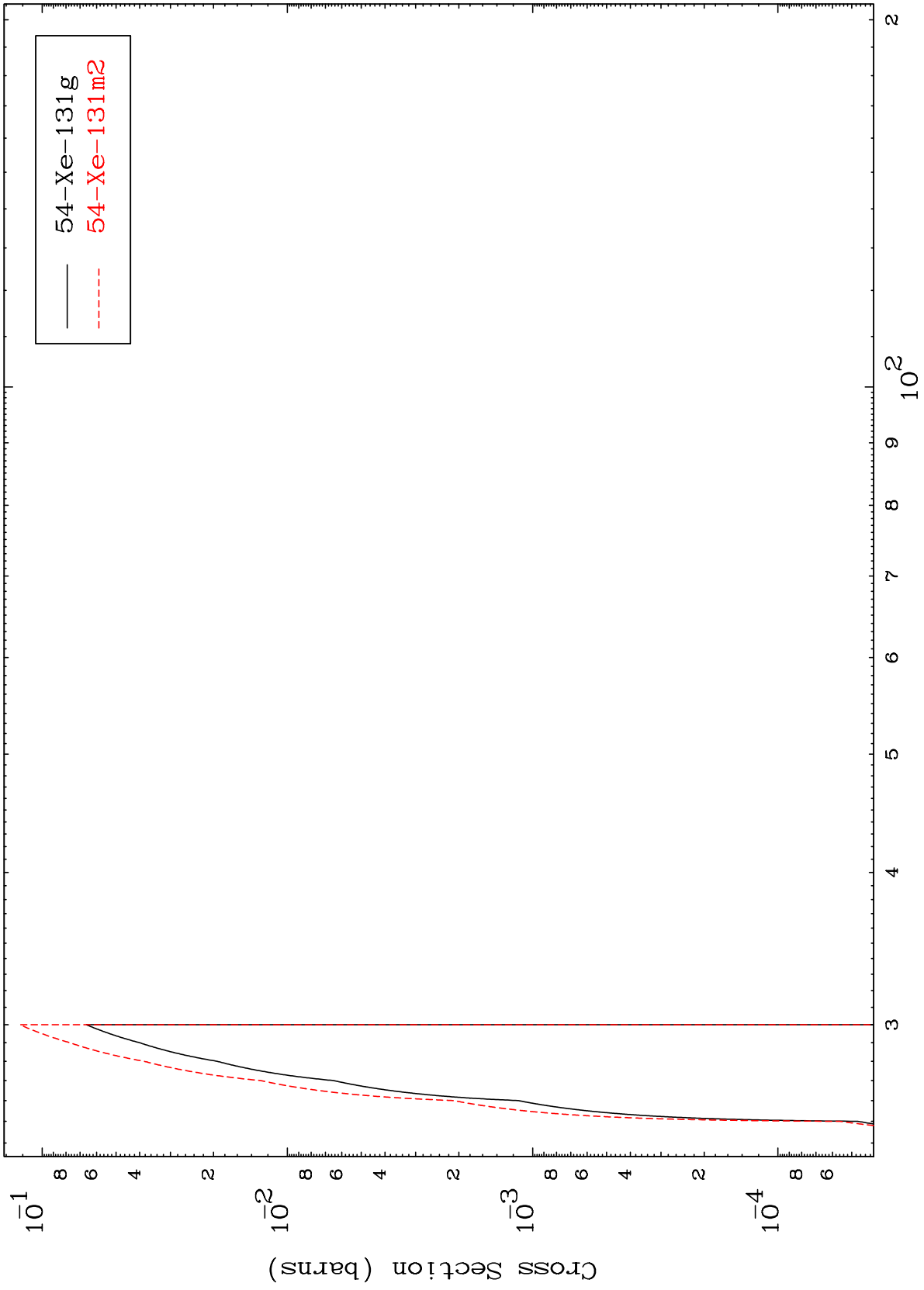
54-Xe-134

54-Xe-134

MAT 5455

54-Xe-134

(n,4n)  
Radionuclide Production Cross Section



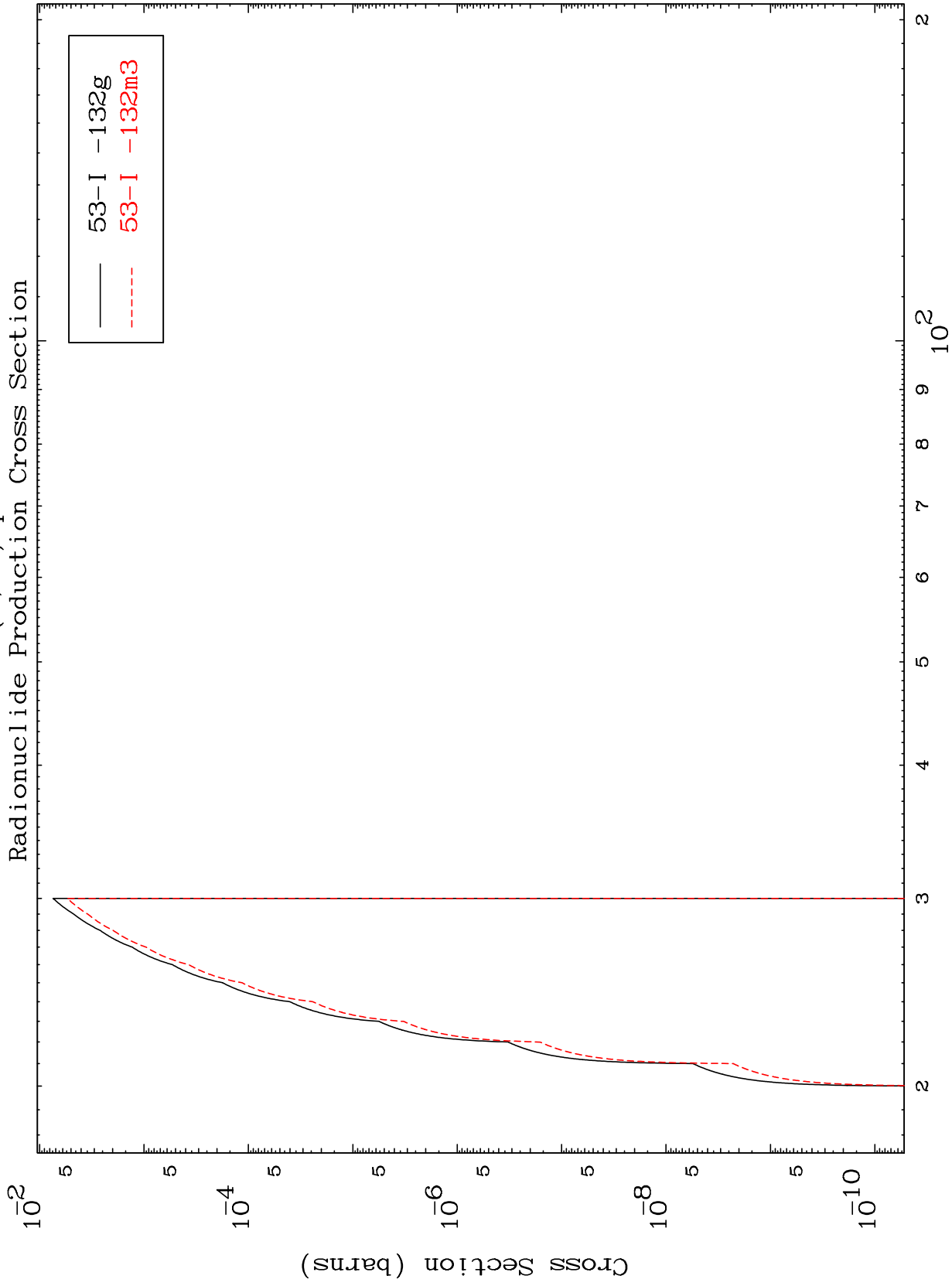
98

54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134



99

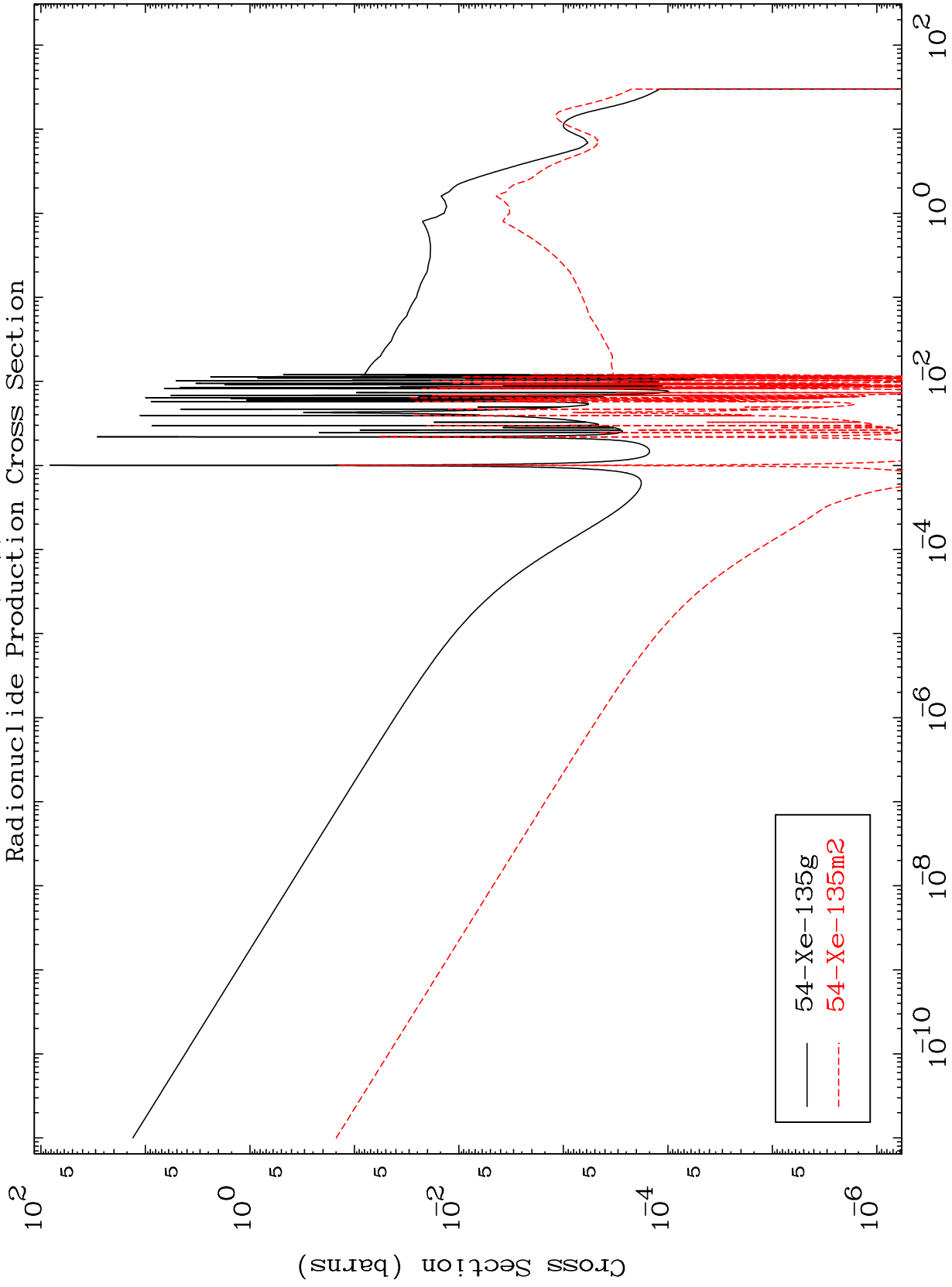
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,γ)  
Radionuclide Production Cross Section



54-Xe-134

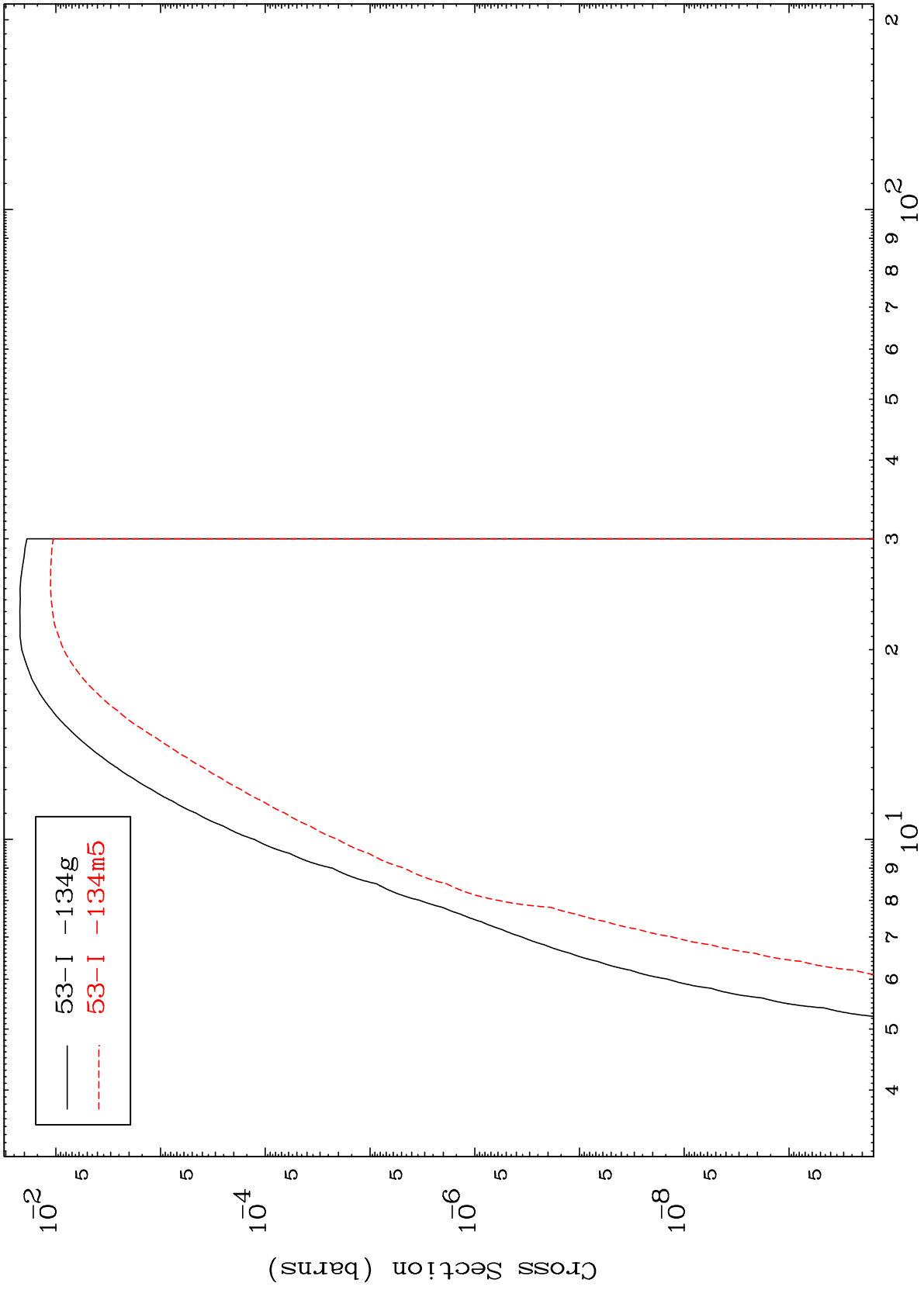
Incident Energy (MeV)

100

MAT 5455

54-Xe-134

(n,p)  
Radionuclide Production Cross Section



101

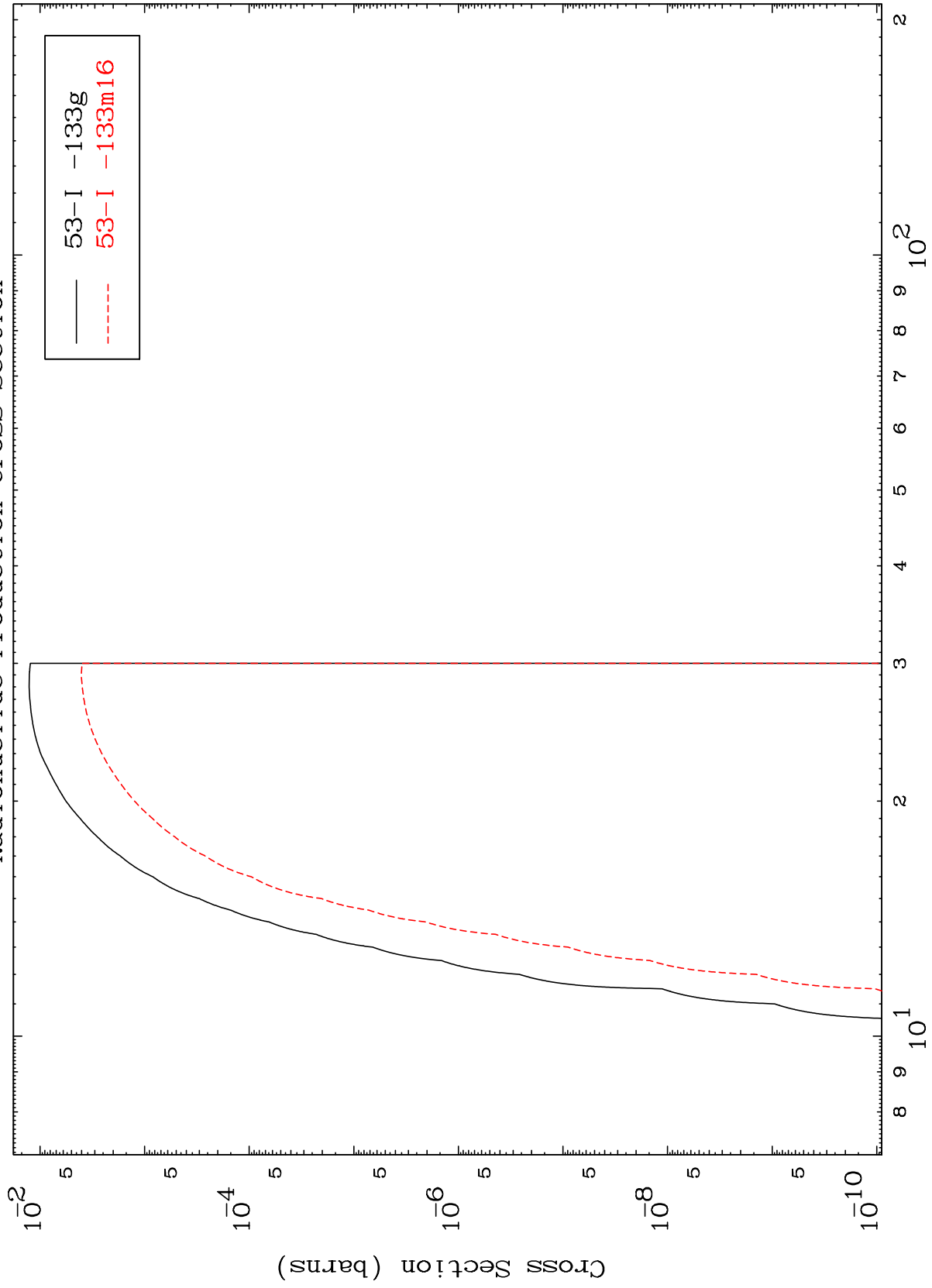
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,d)  
Radionuclide Production Cross Section



102

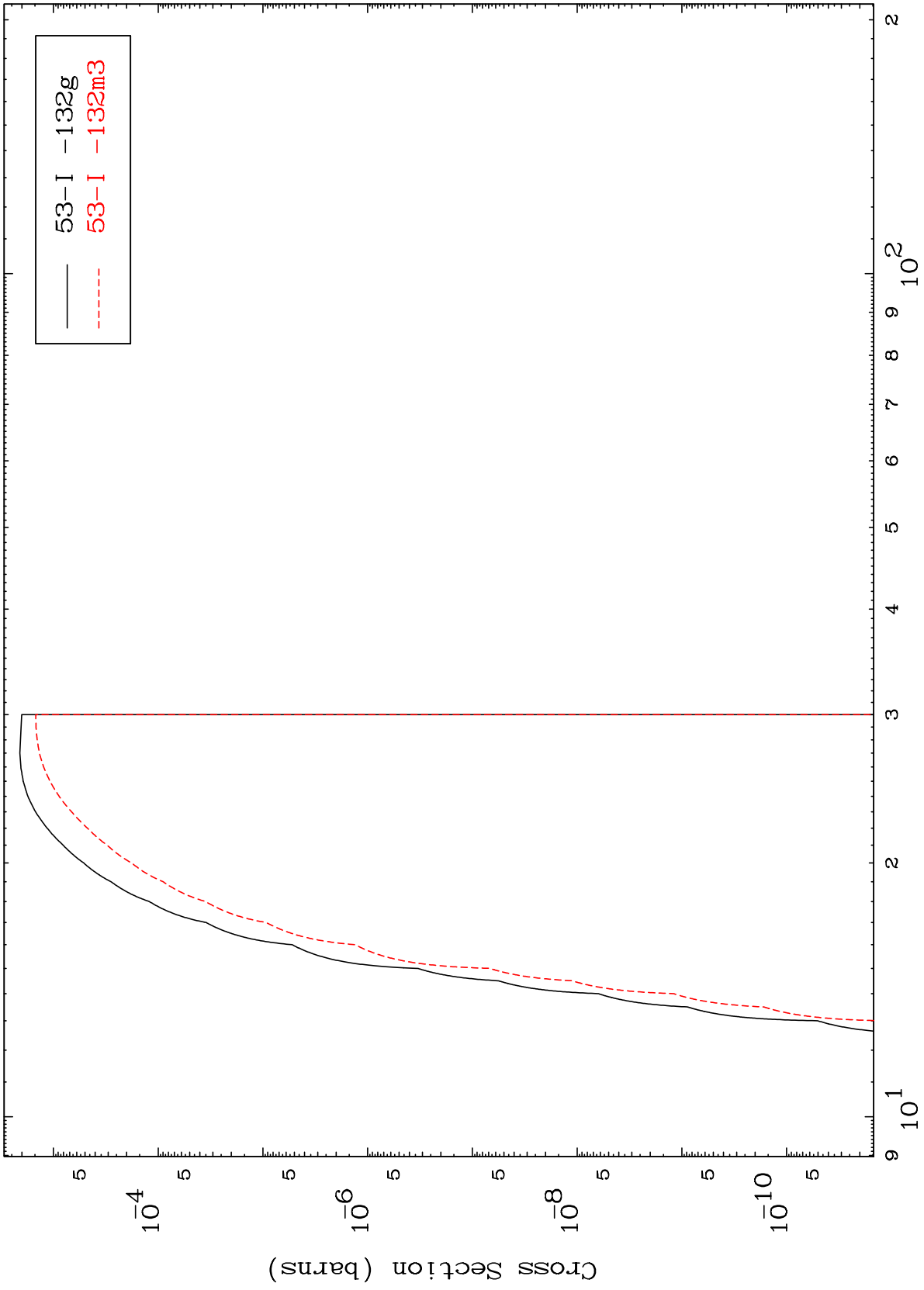
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n, t)  
Radionuclide Production Cross Section



103

Incident Energy (MeV)

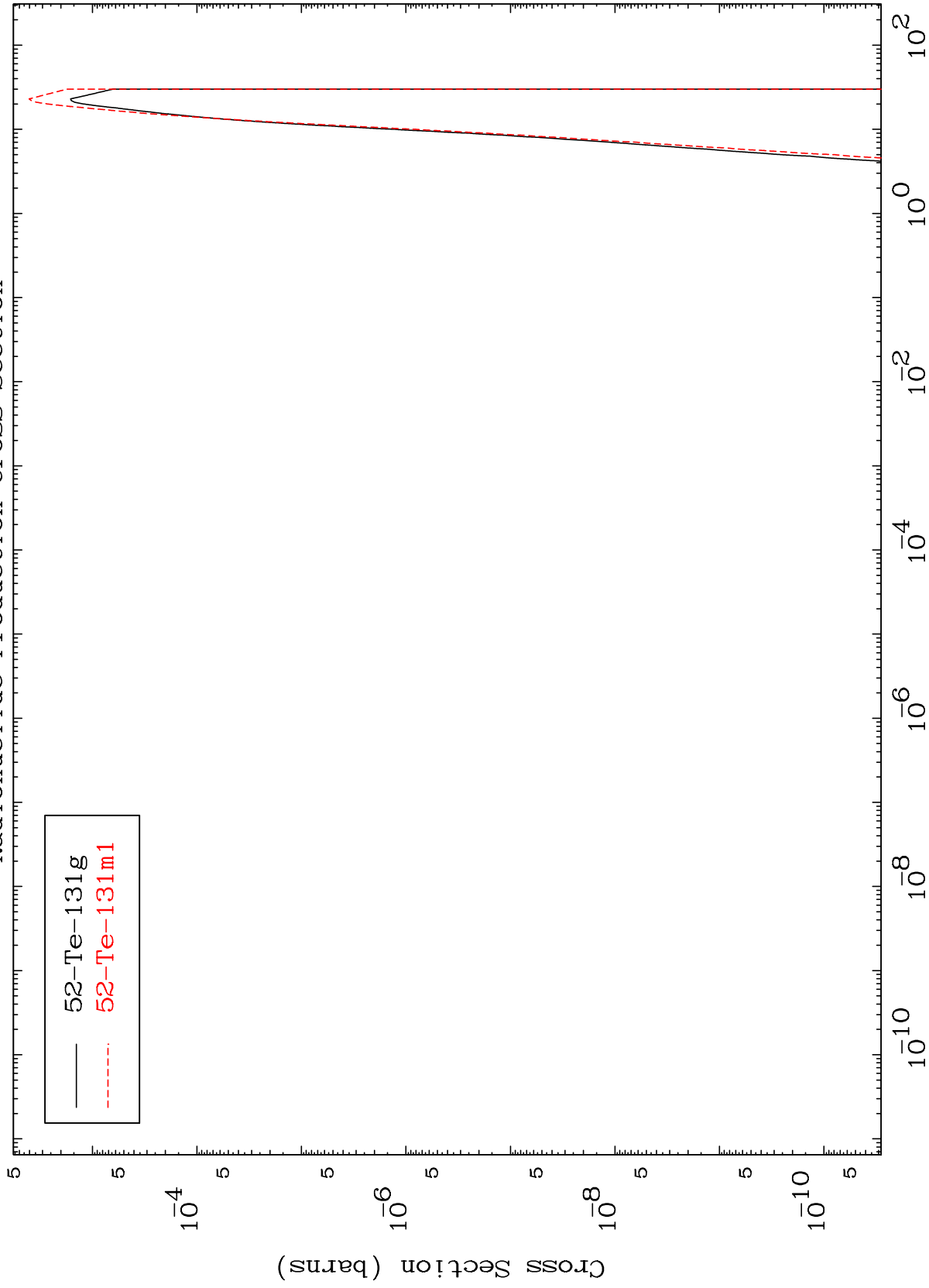
54-Xe-134

MAT 5455

(n,  $\alpha$ )

54-Xe-134

Radionuclide Production Cross Section



104

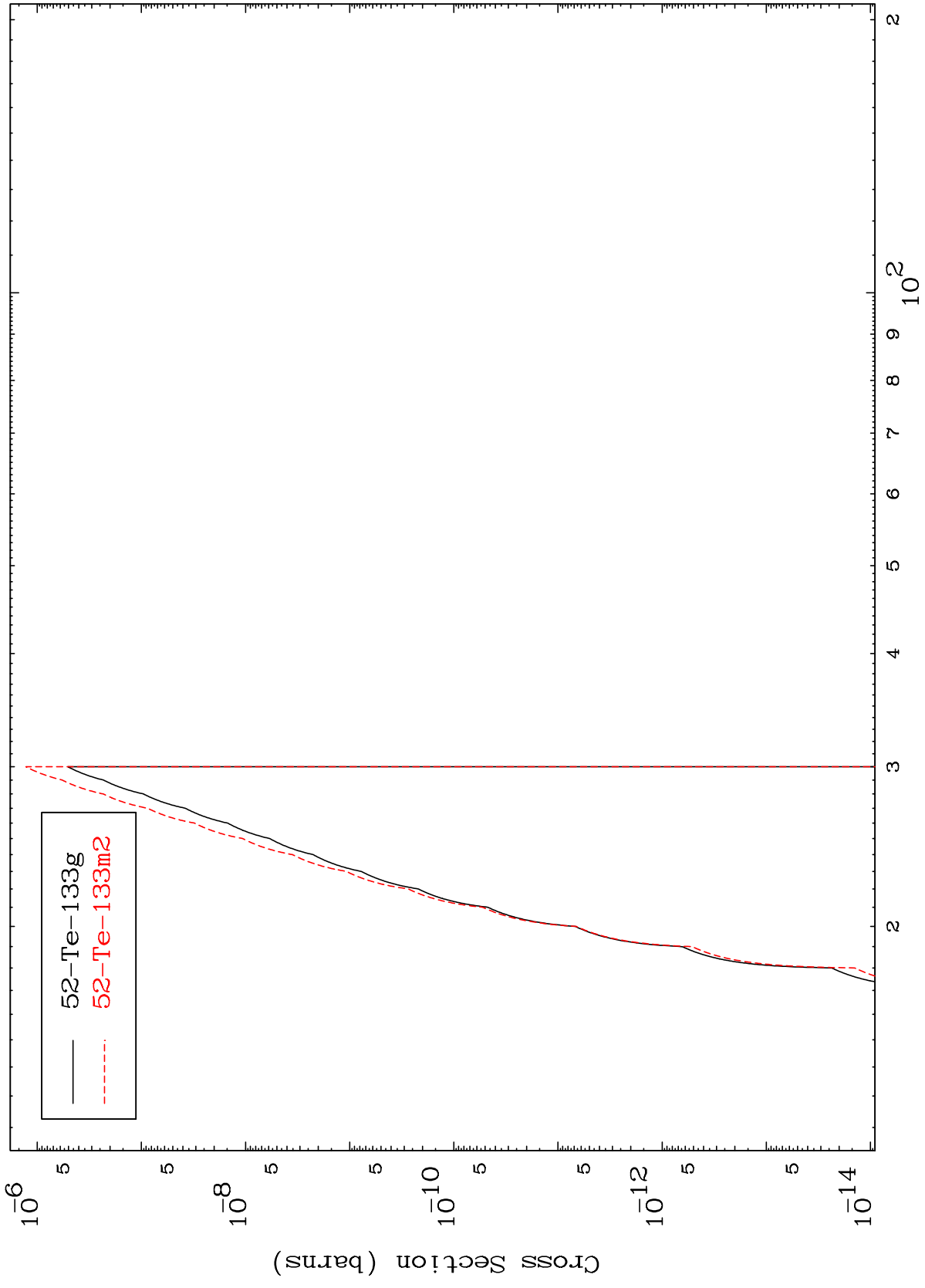
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,2p)  
Radionuclide Production Cross Section

54-Xe-134



105

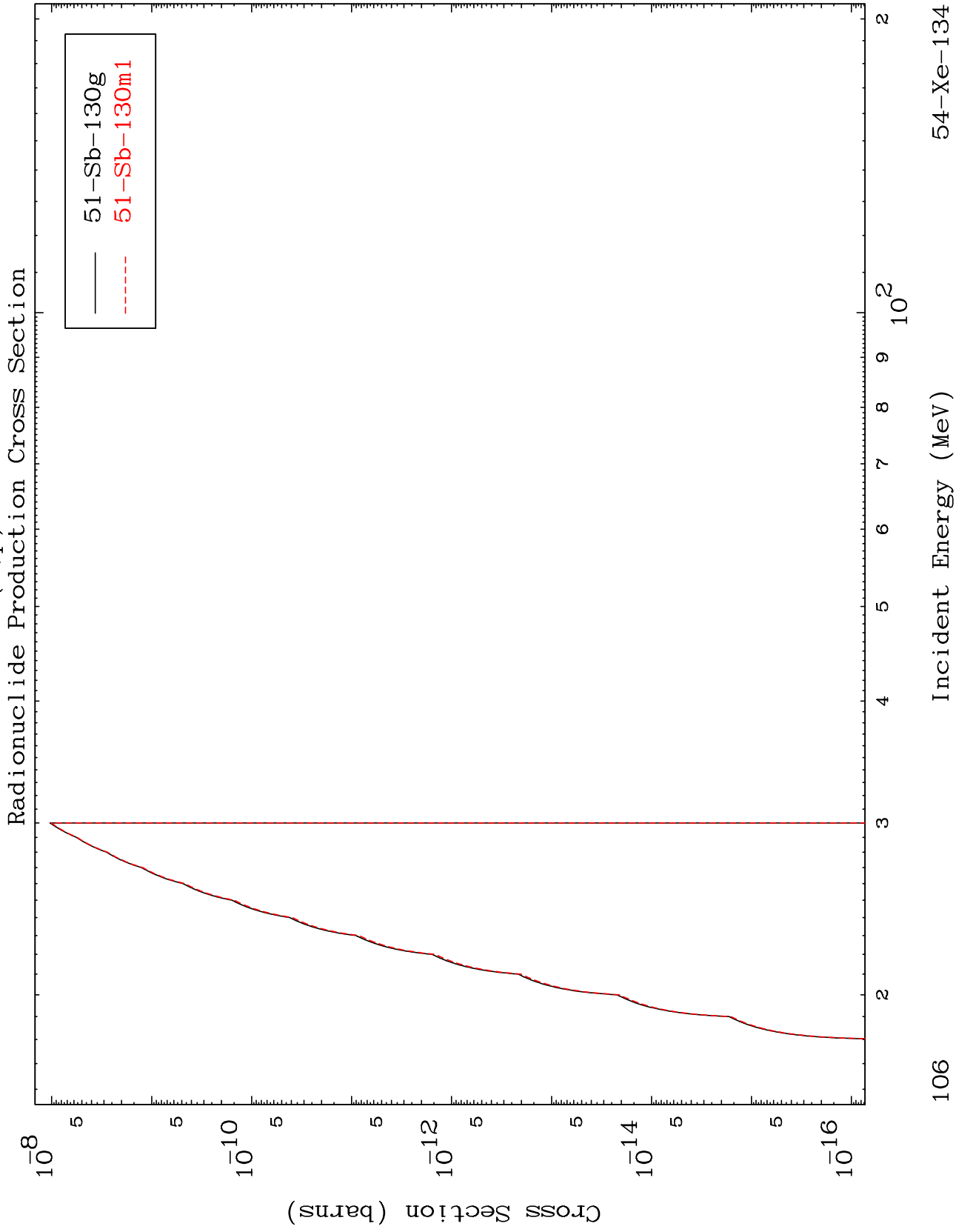
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,p)  $\alpha$

54-Xe-134



106

Incident Energy (MeV)

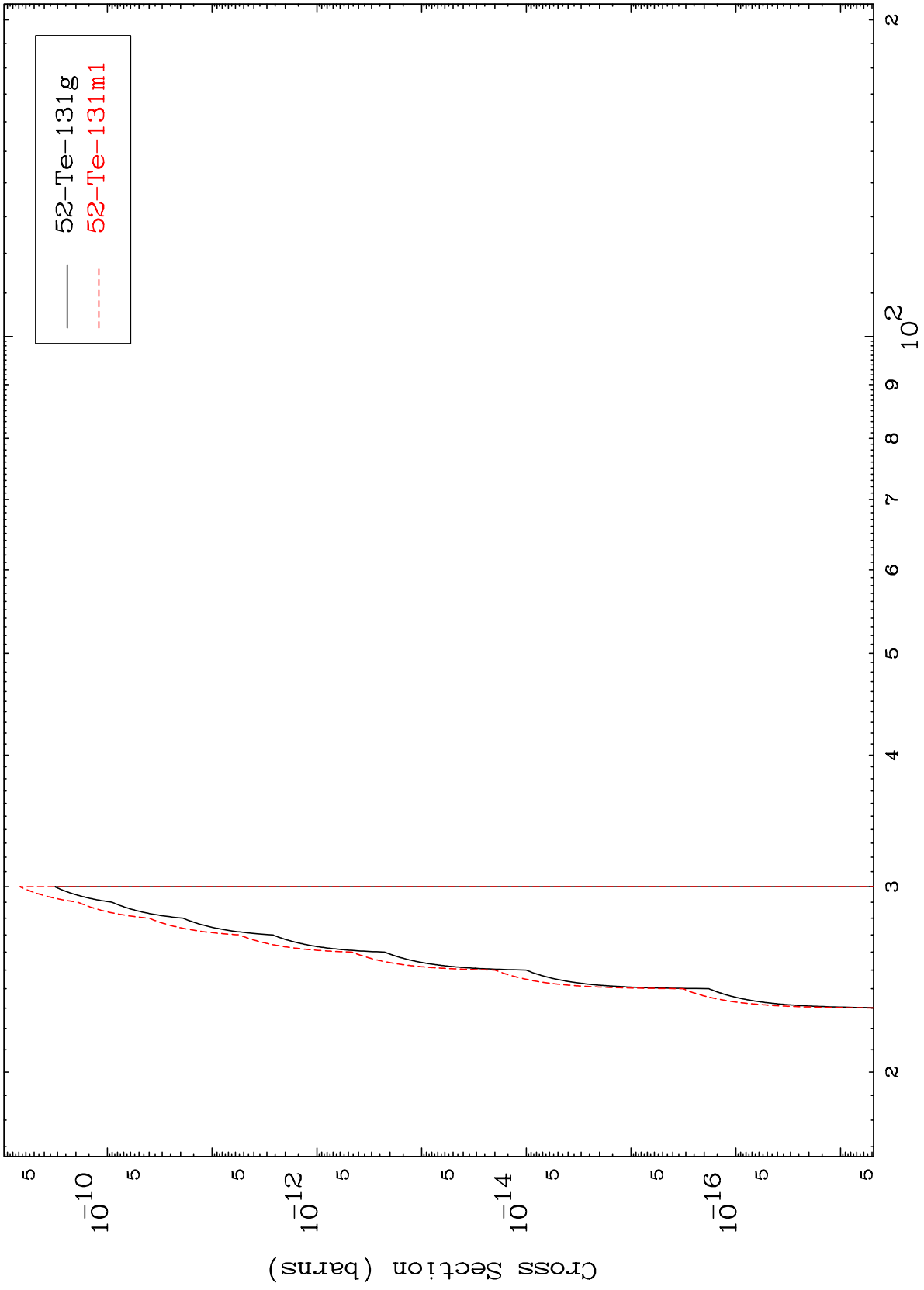
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



107

Incident Energy (MeV)

54-Xe-134