

Program EVALPLOT
(Version 2021-1)

by

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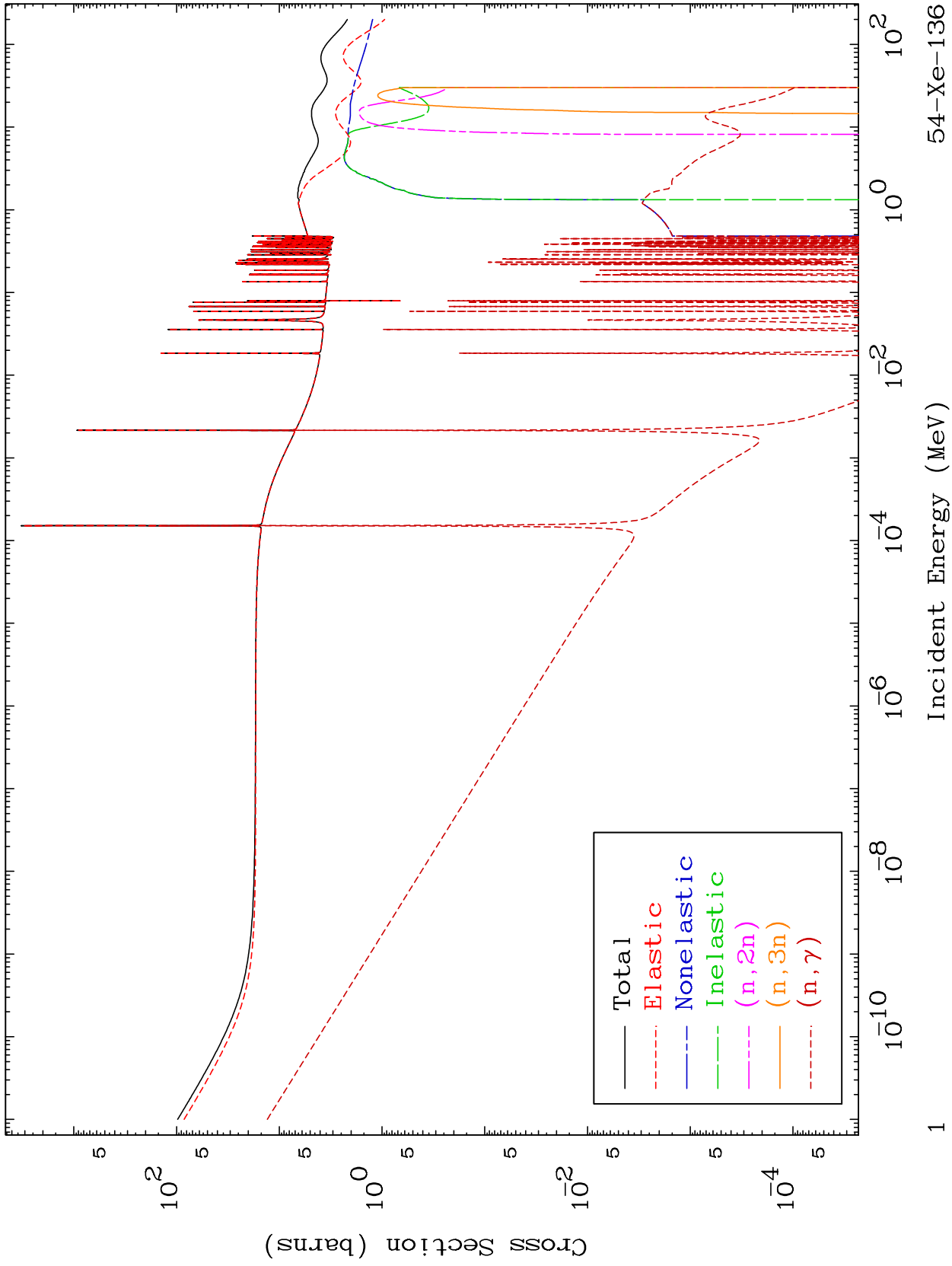
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5461

Neutron Major
293 Kelvin Cross Sections

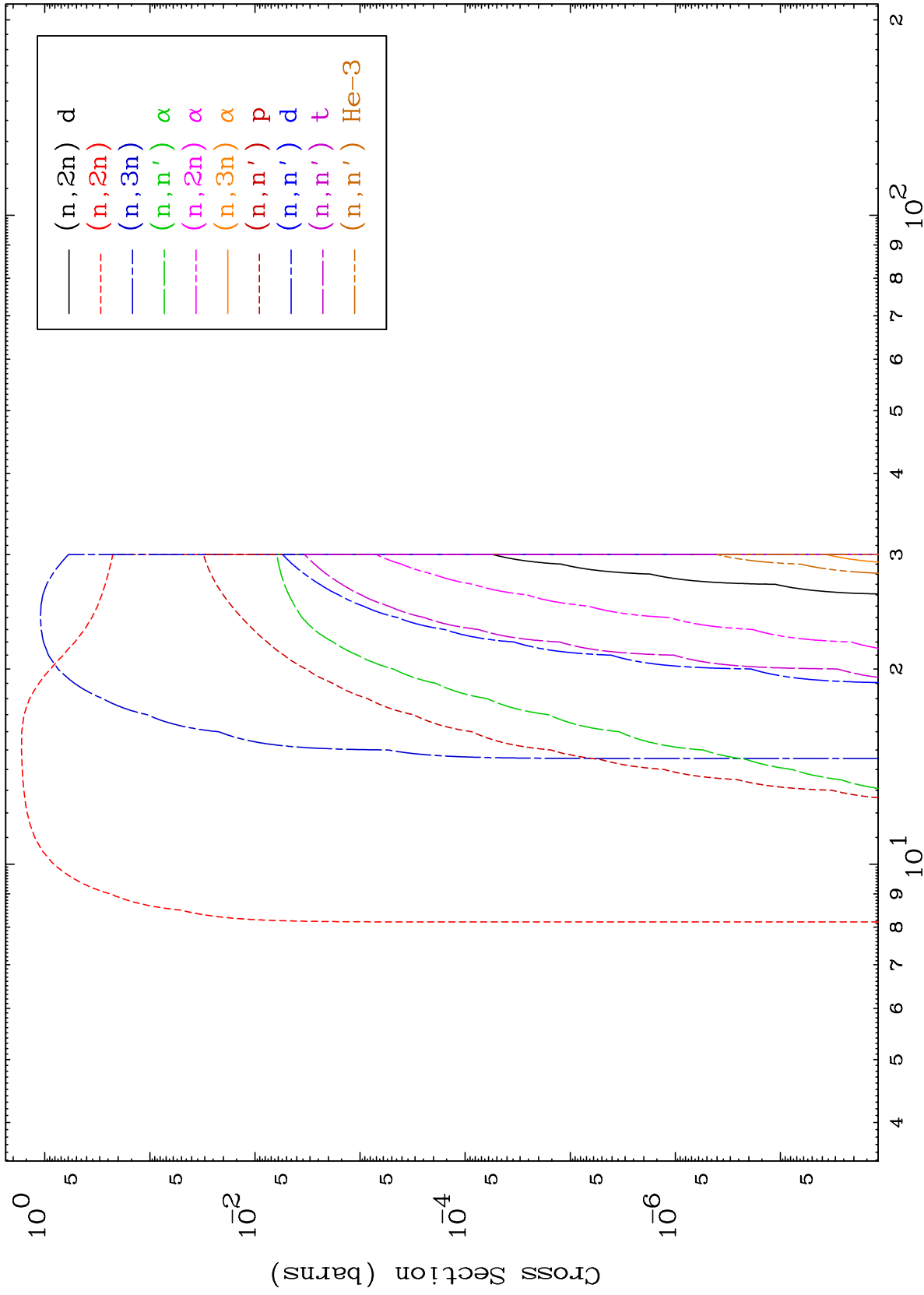
54-Xe-136



MAT 5461

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-136

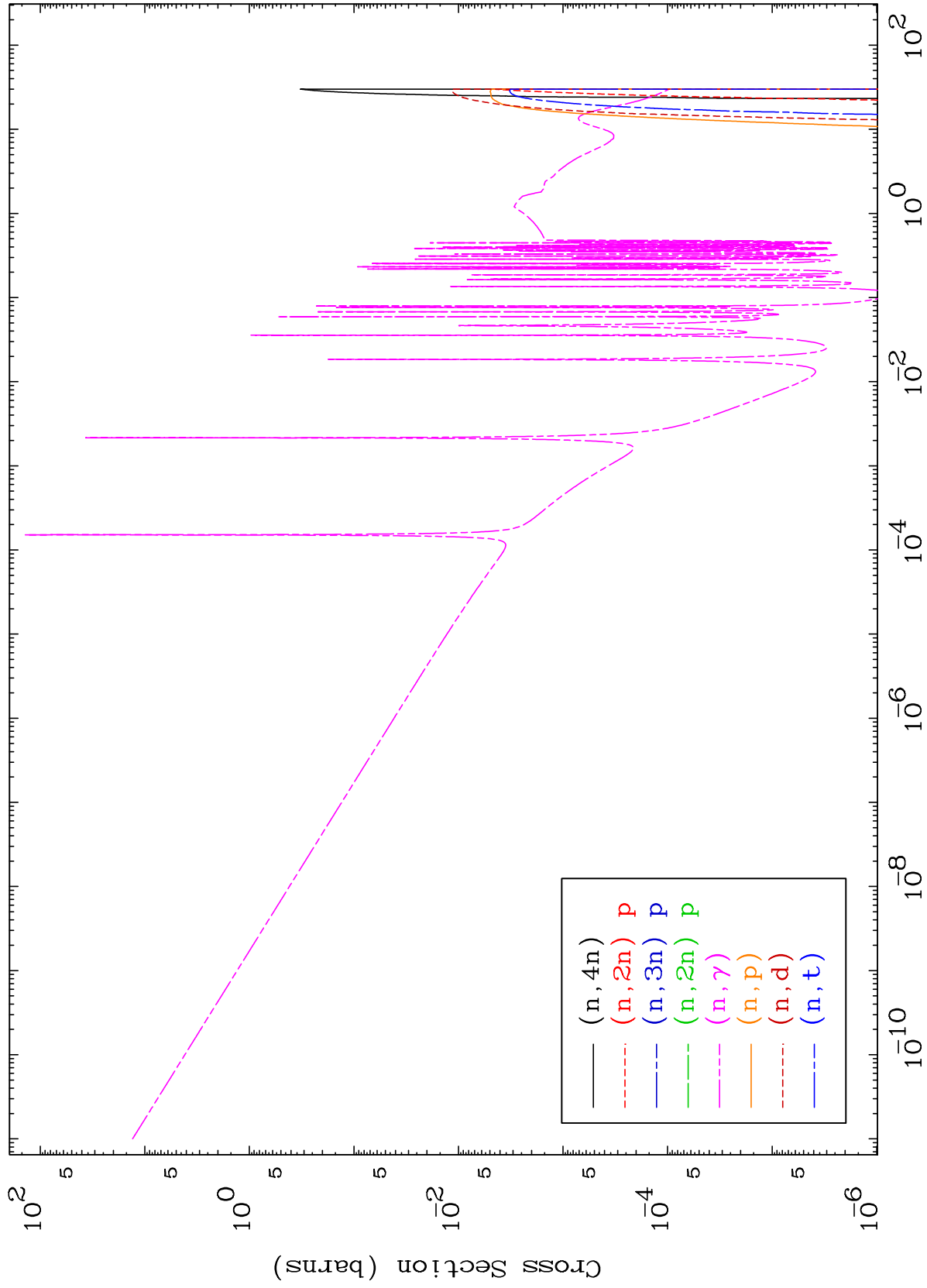


2

MAT 5461

Neutron Absorption
293 Kelvin Cross Sections

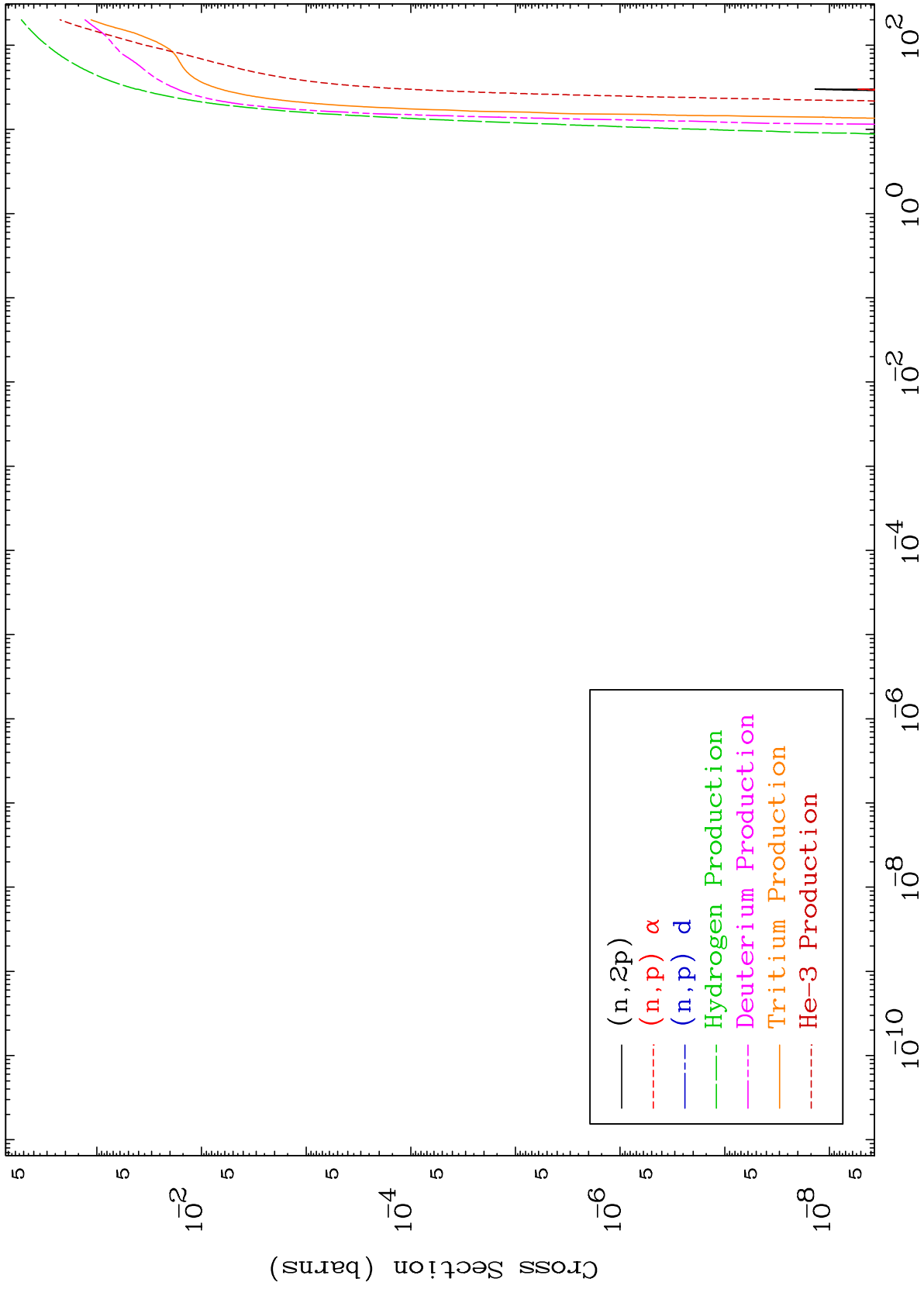
54-Xe-136



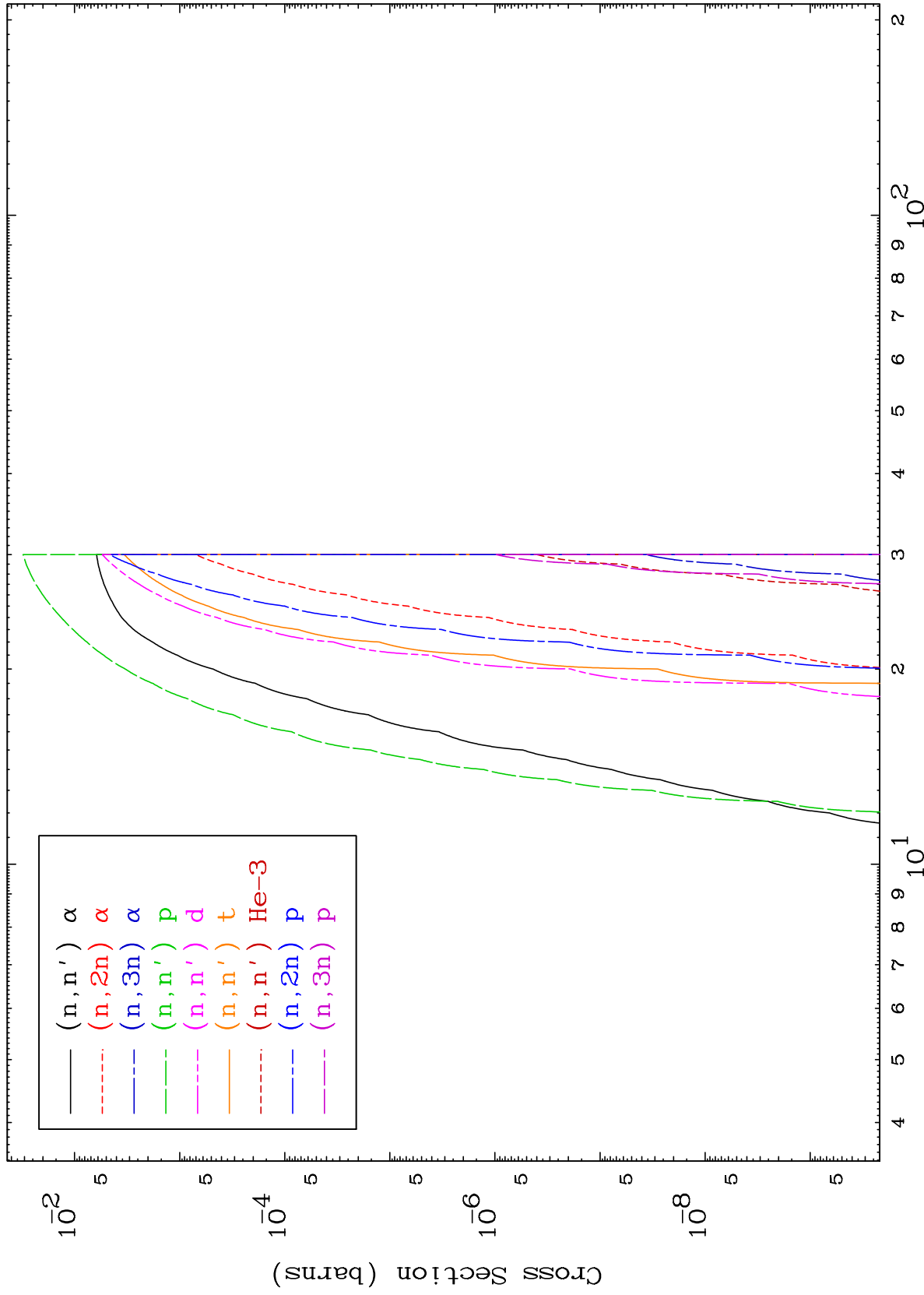
MAT 5461

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-136



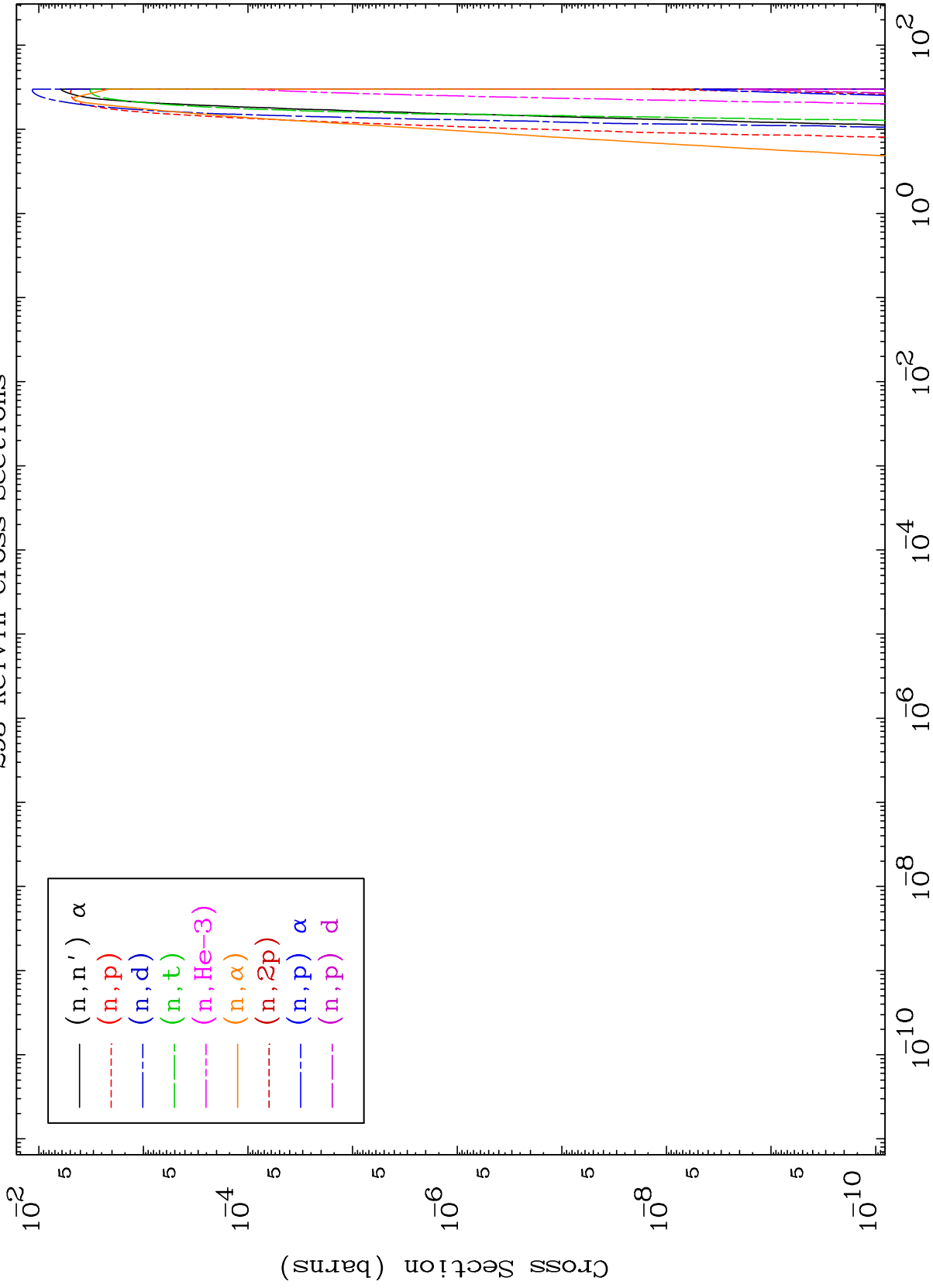
54-Xe-136



MAT 5461

Charged Particle
293 Kelvin Cross Sections

54-Xe-136



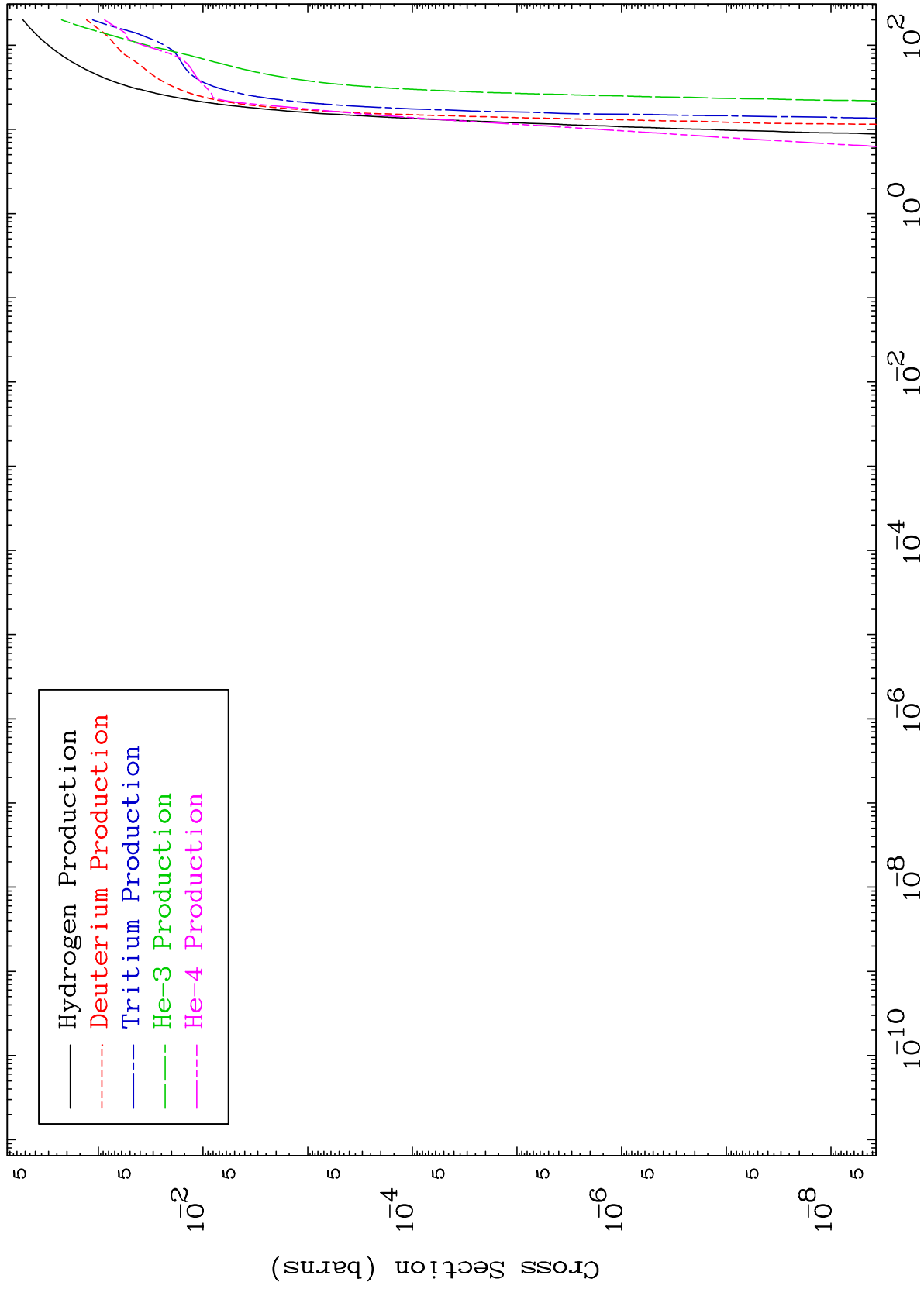
6

54-Xe-136

MAT 5461

Particle Production
293 Kelvin Cross Sections

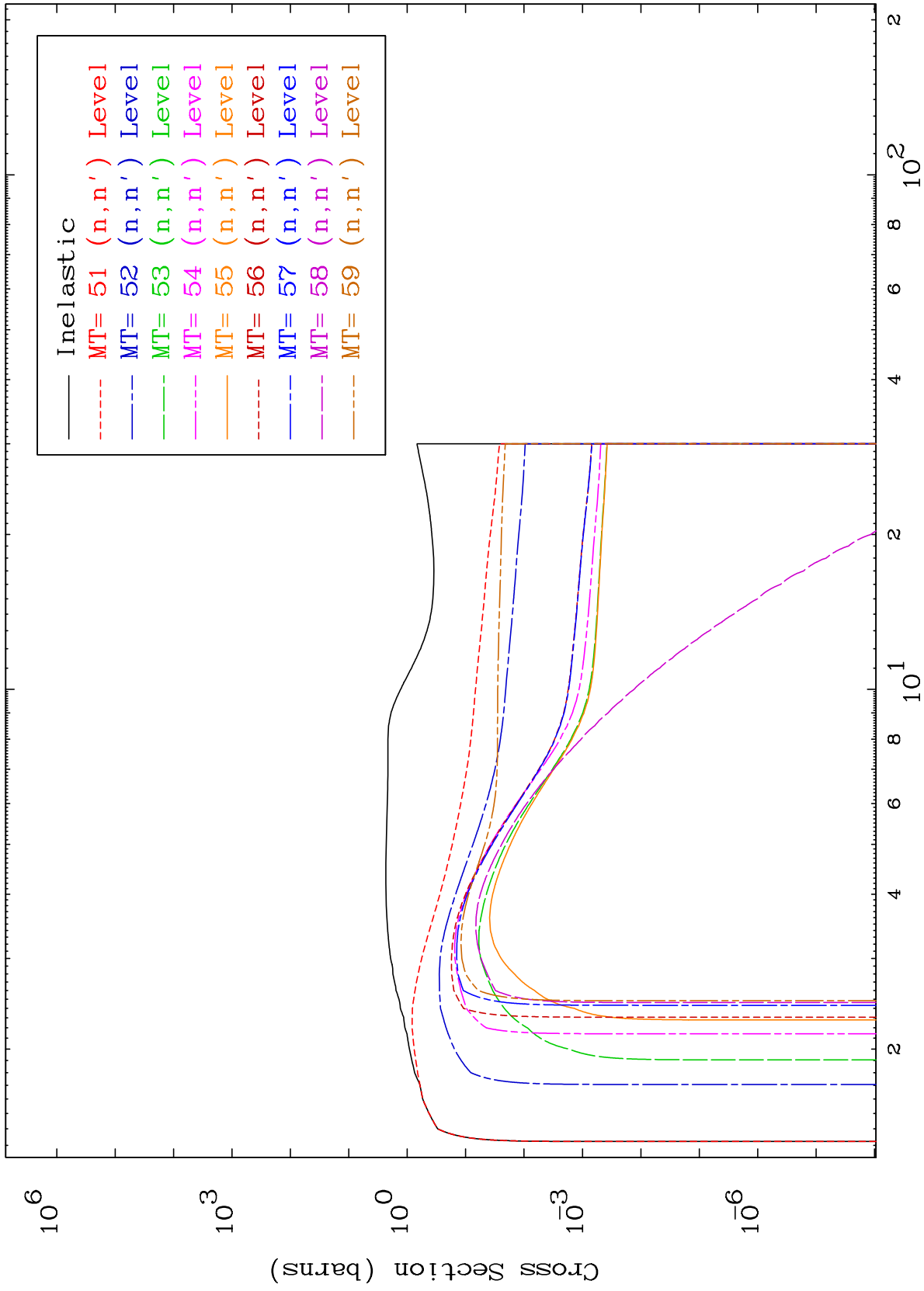
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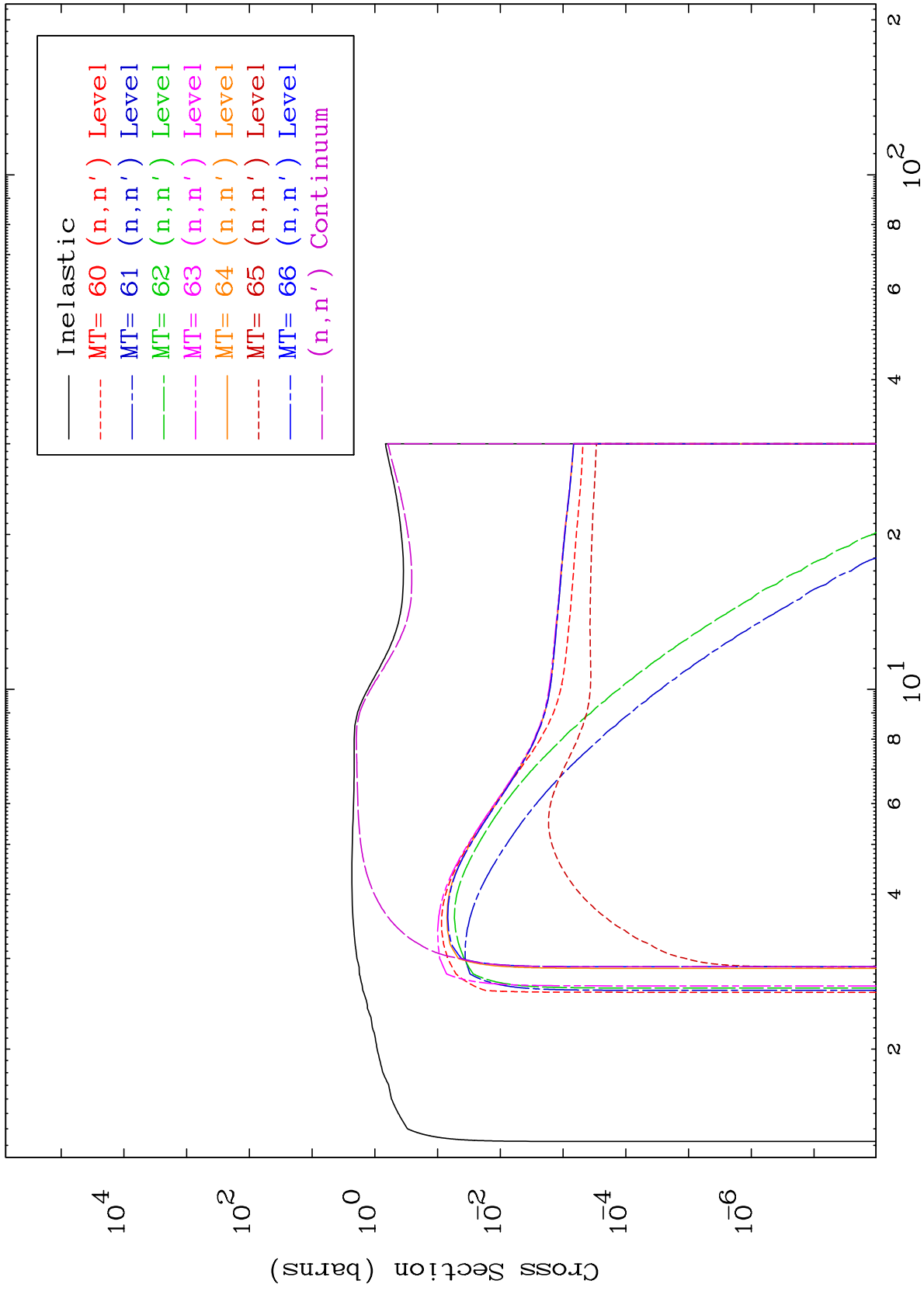


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Incident Energy (MeV)

54-Xe-136

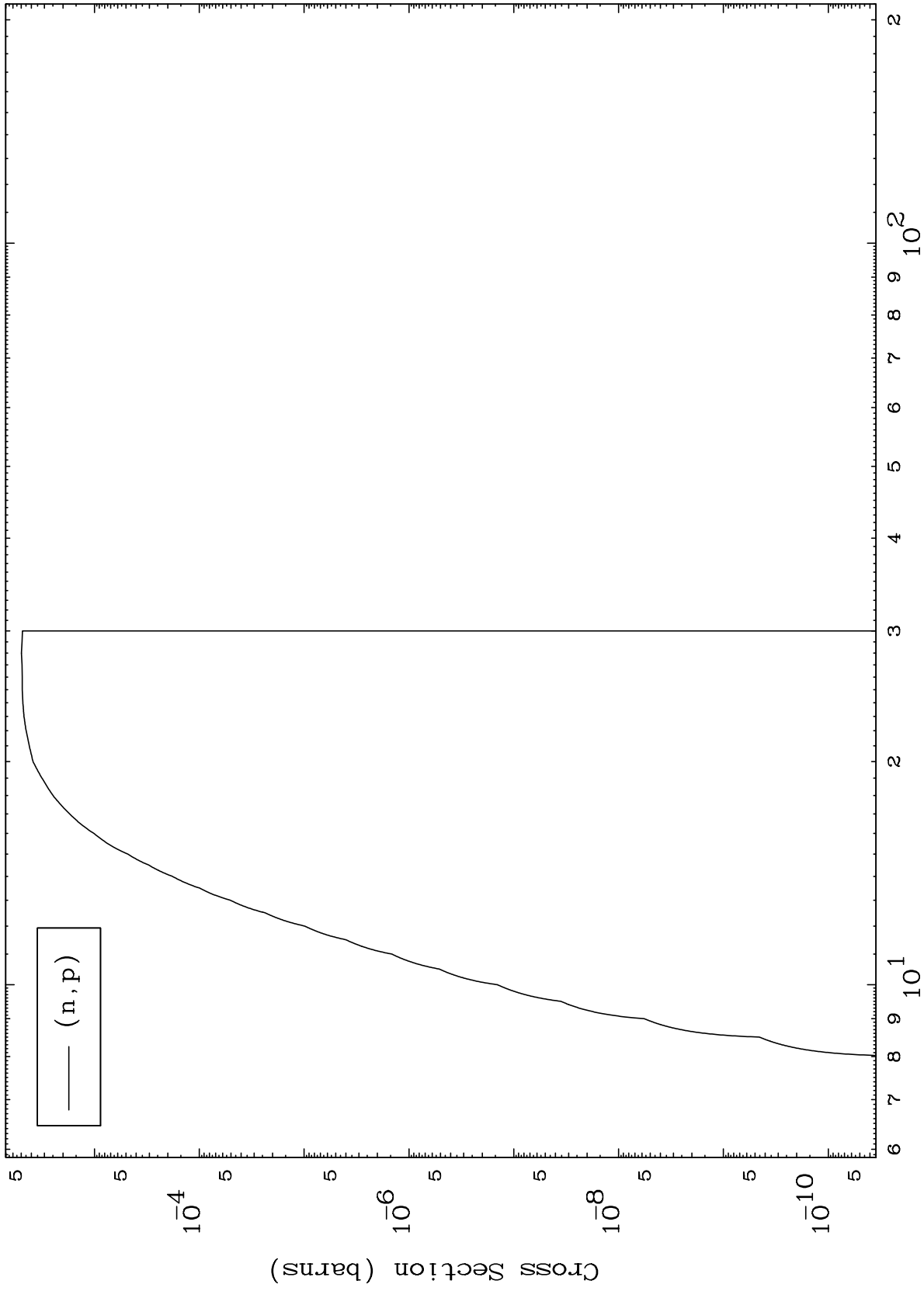




MAT 5461

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-136



10

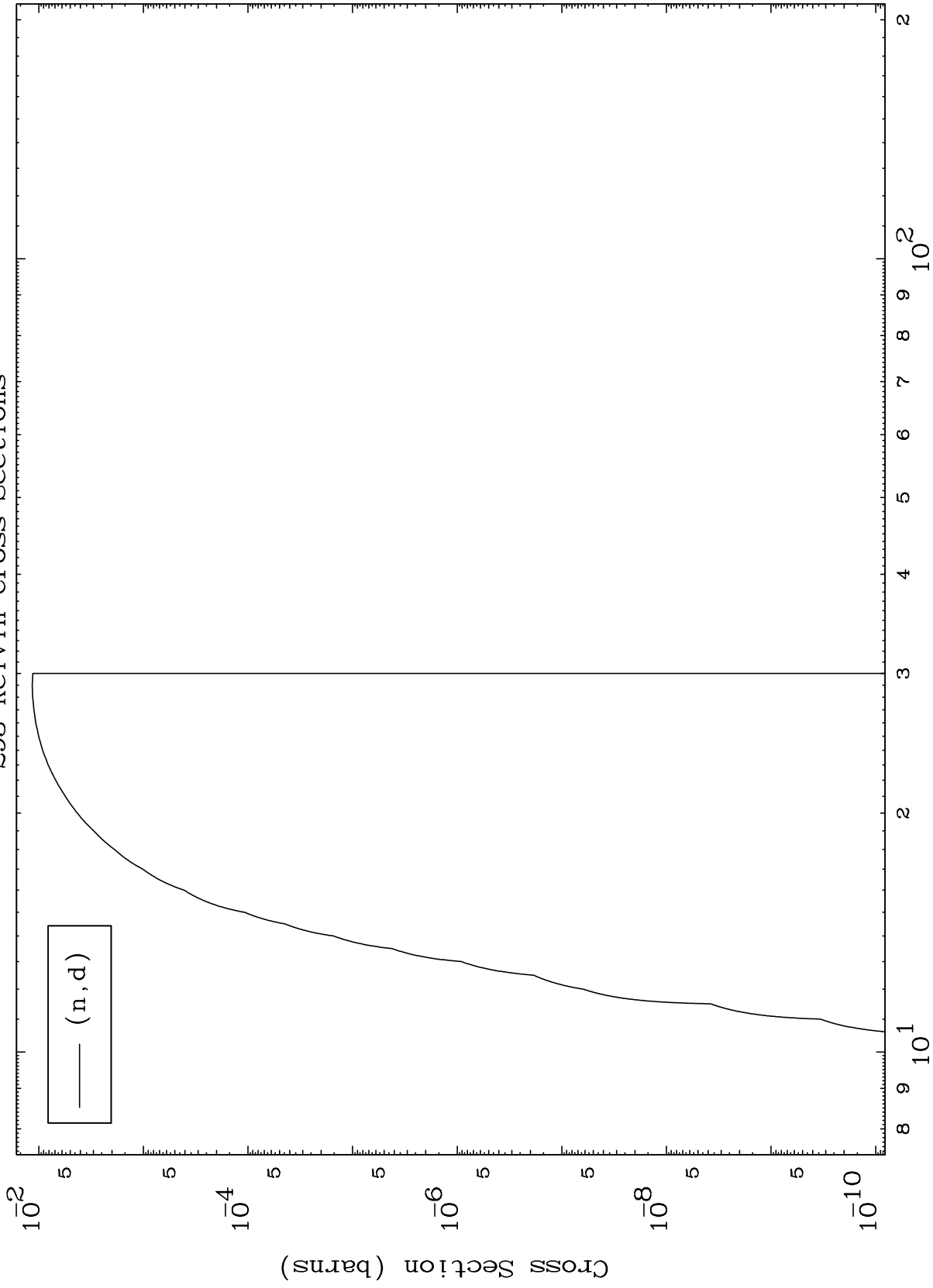
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-136



11

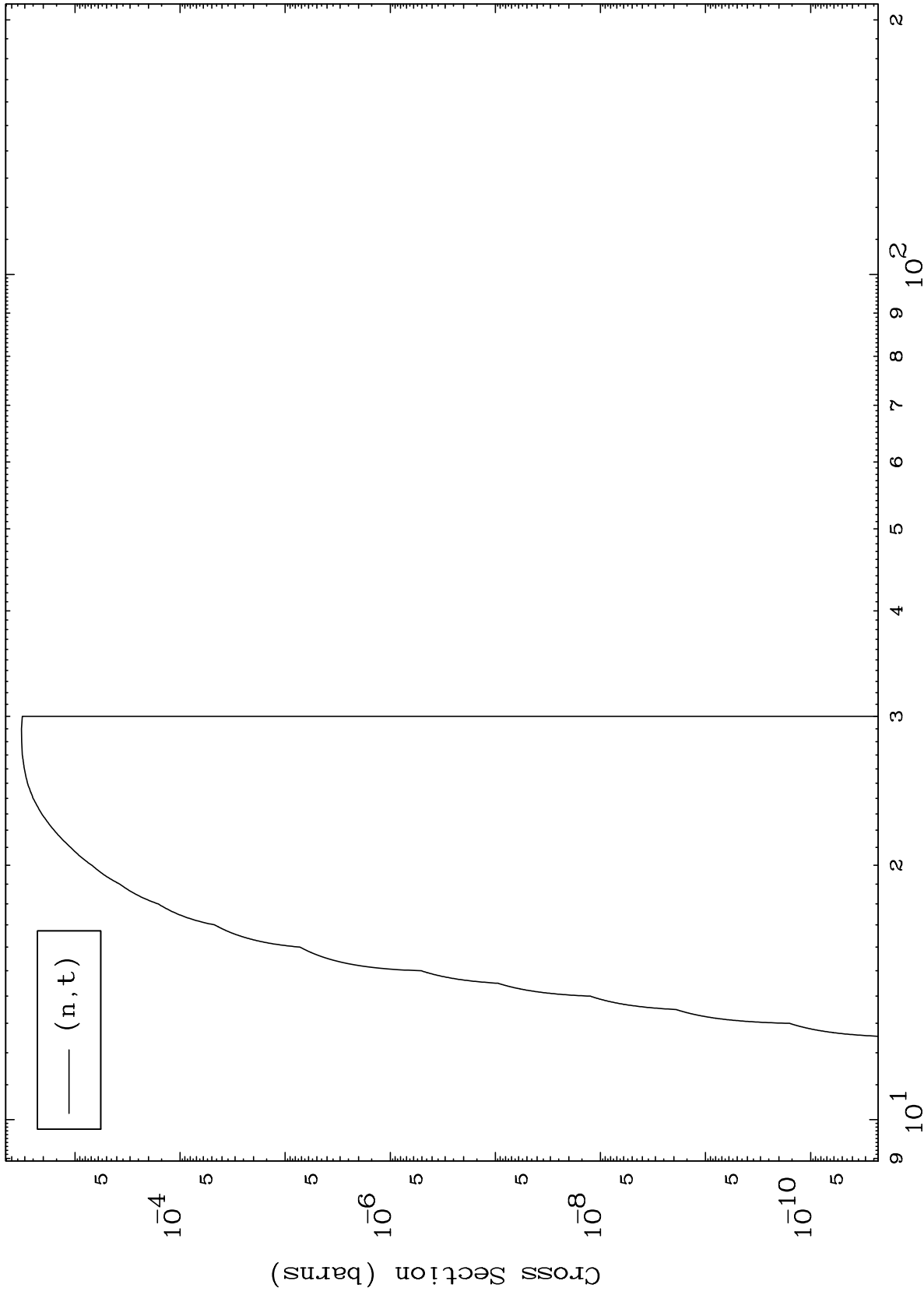
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-136



12

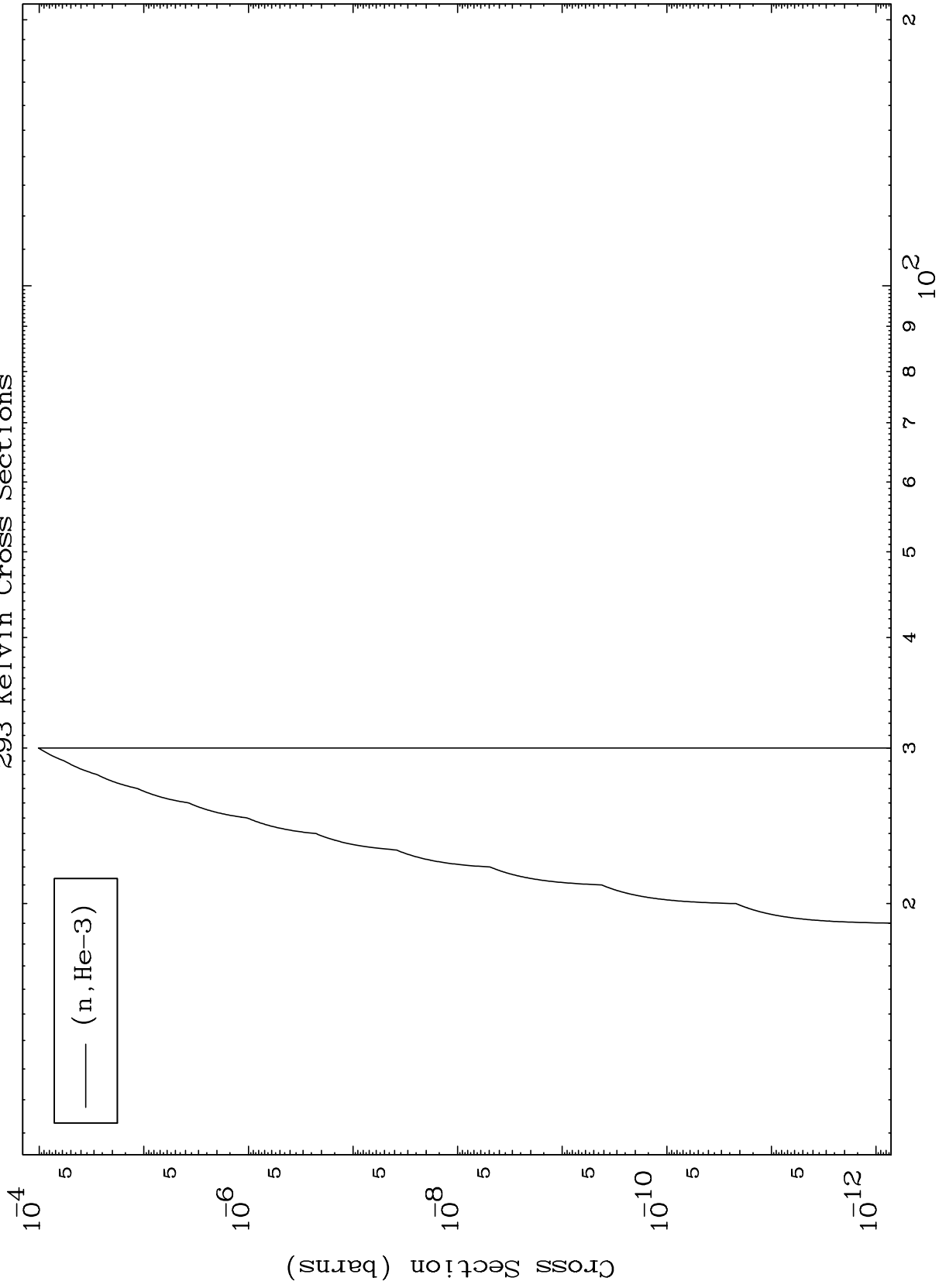
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-136



13

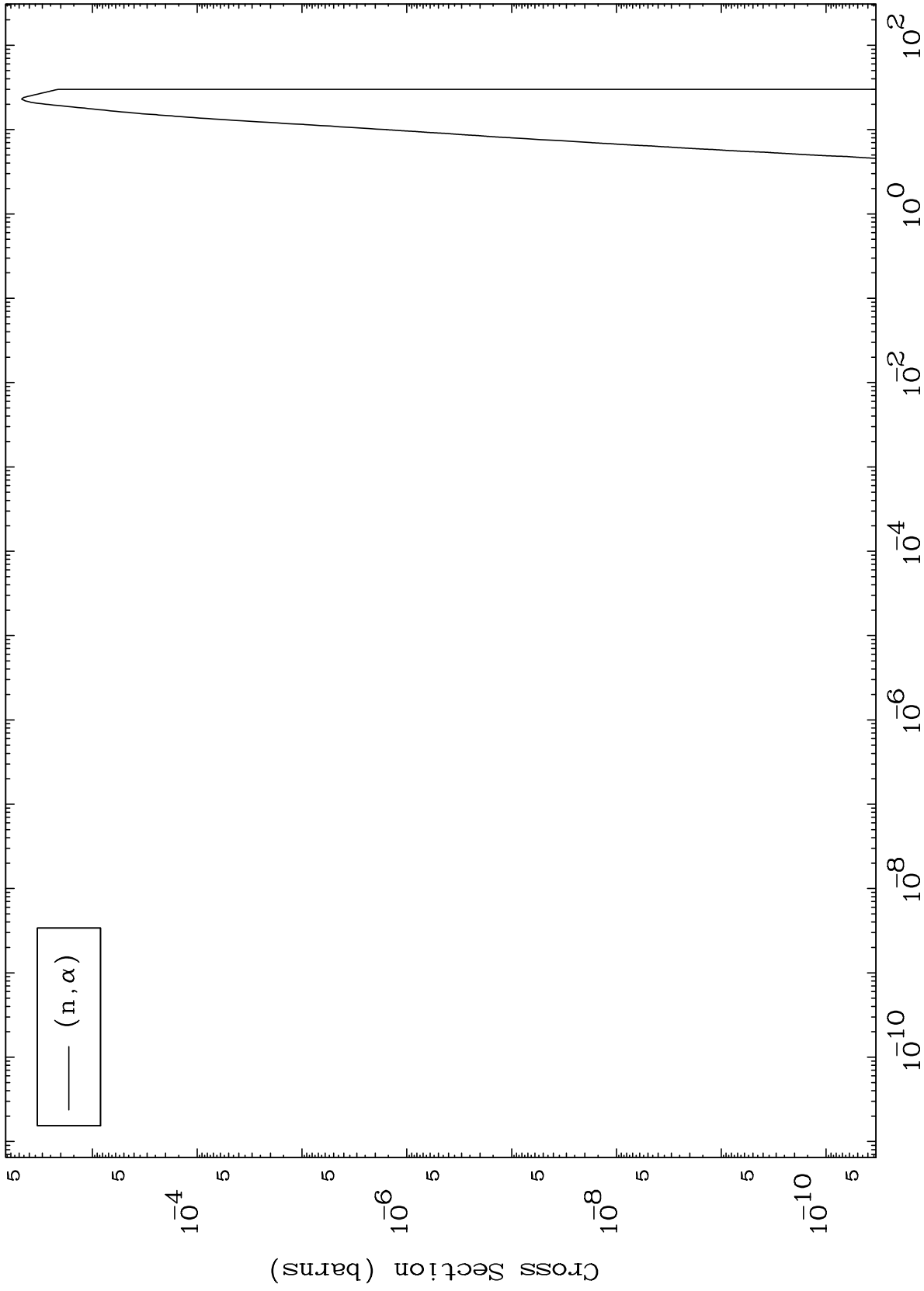
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-136



14

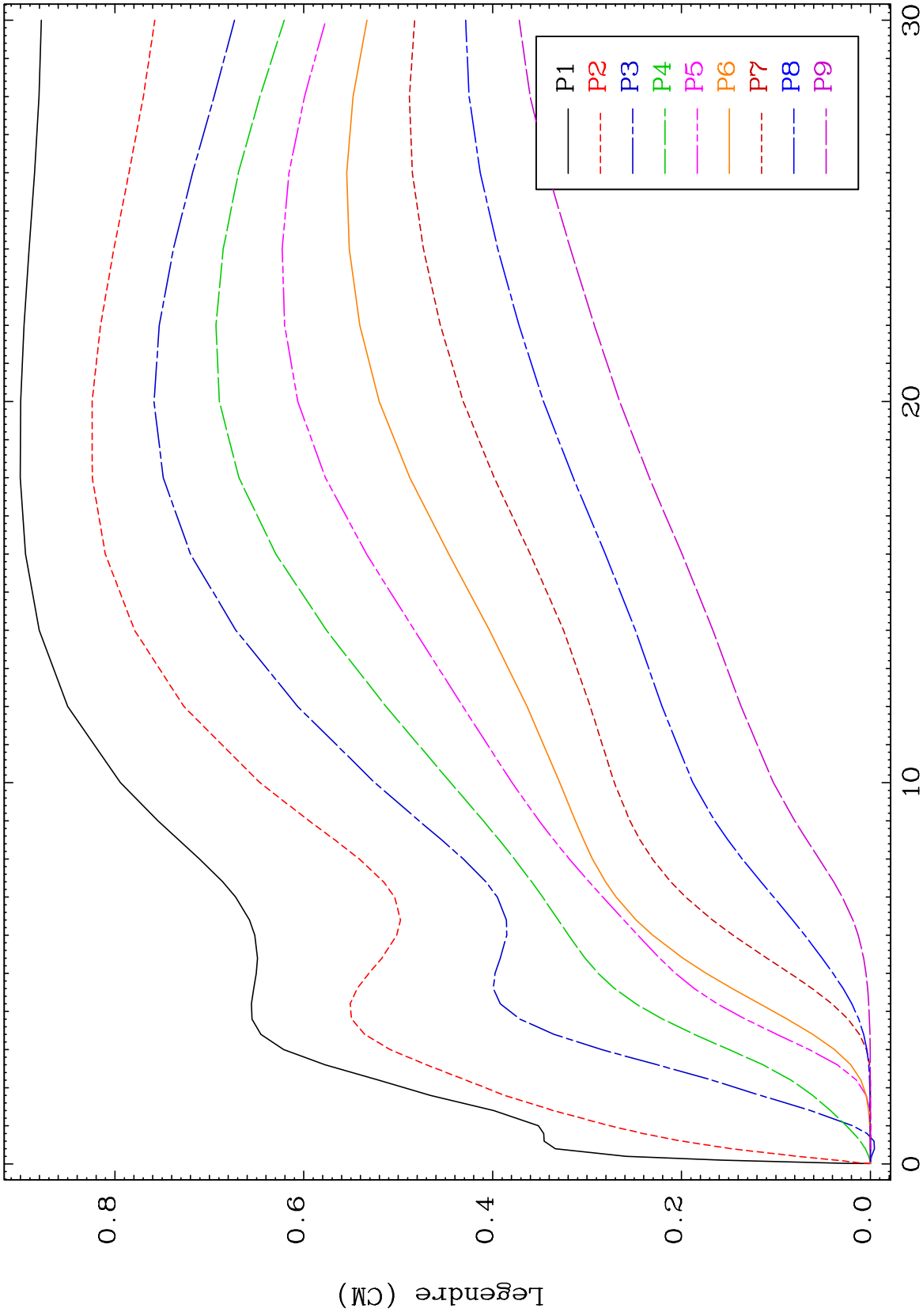
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



15

Incident Energy (MeV)

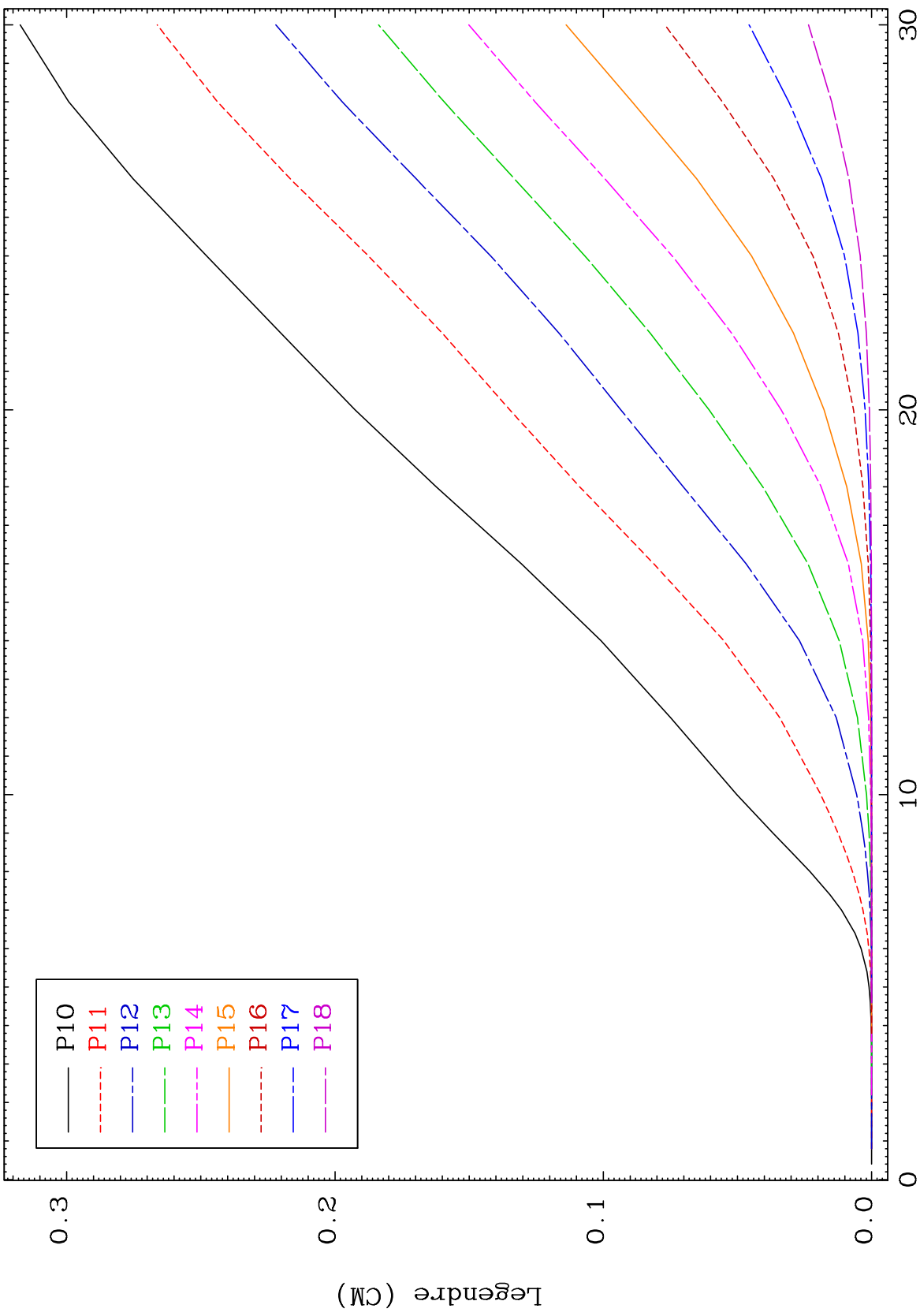
54-Xe-136

30

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



16

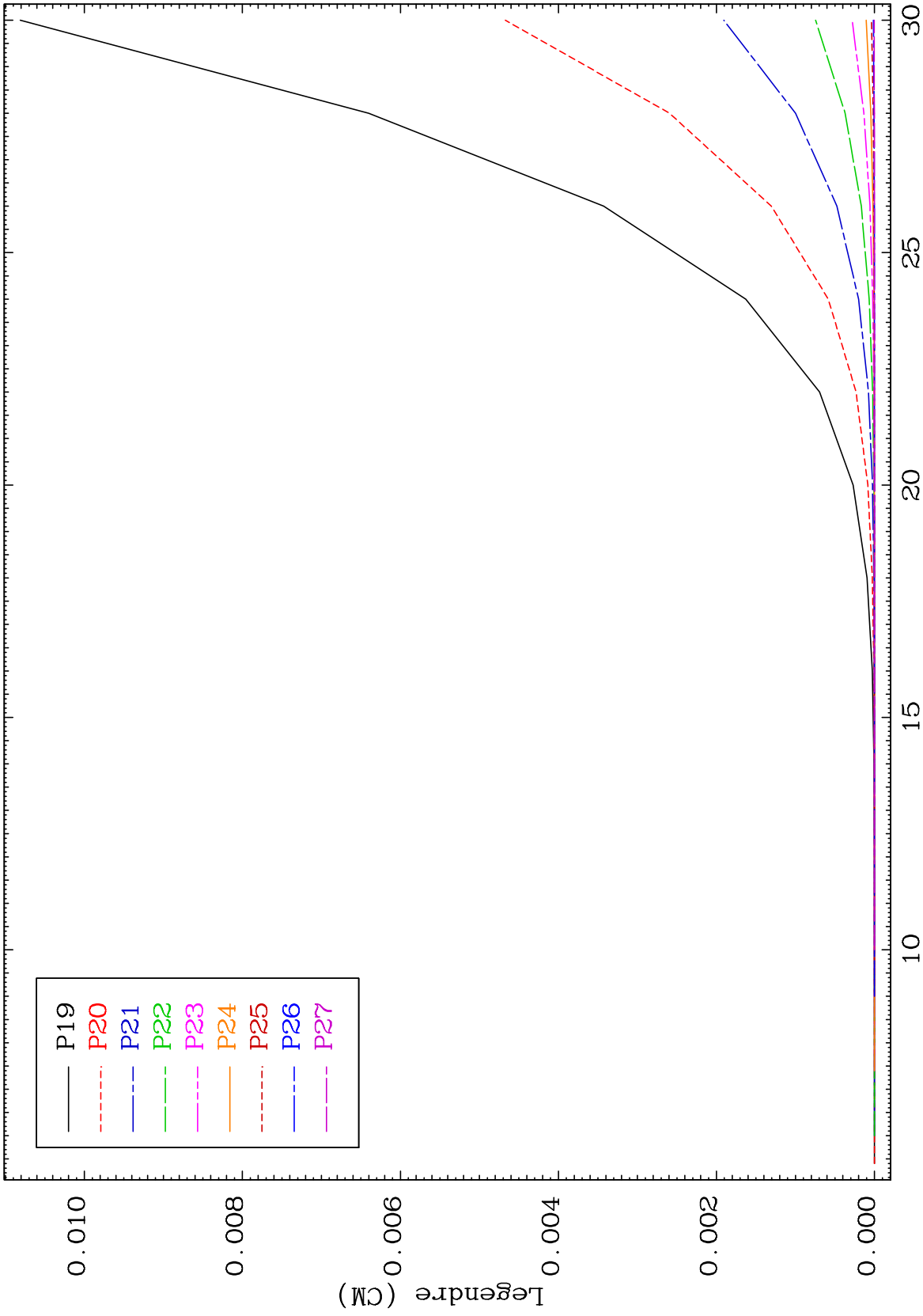
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



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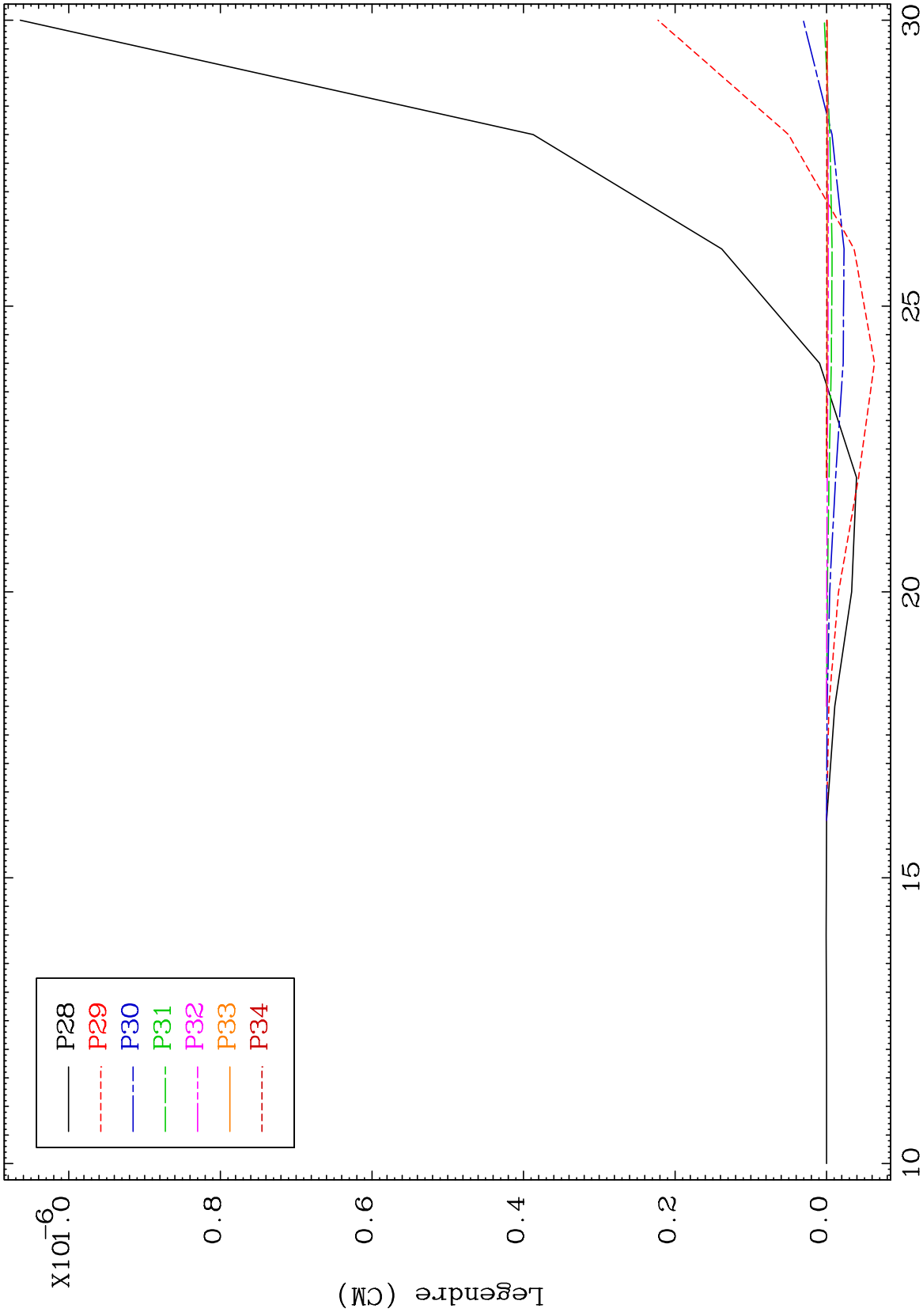
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



18

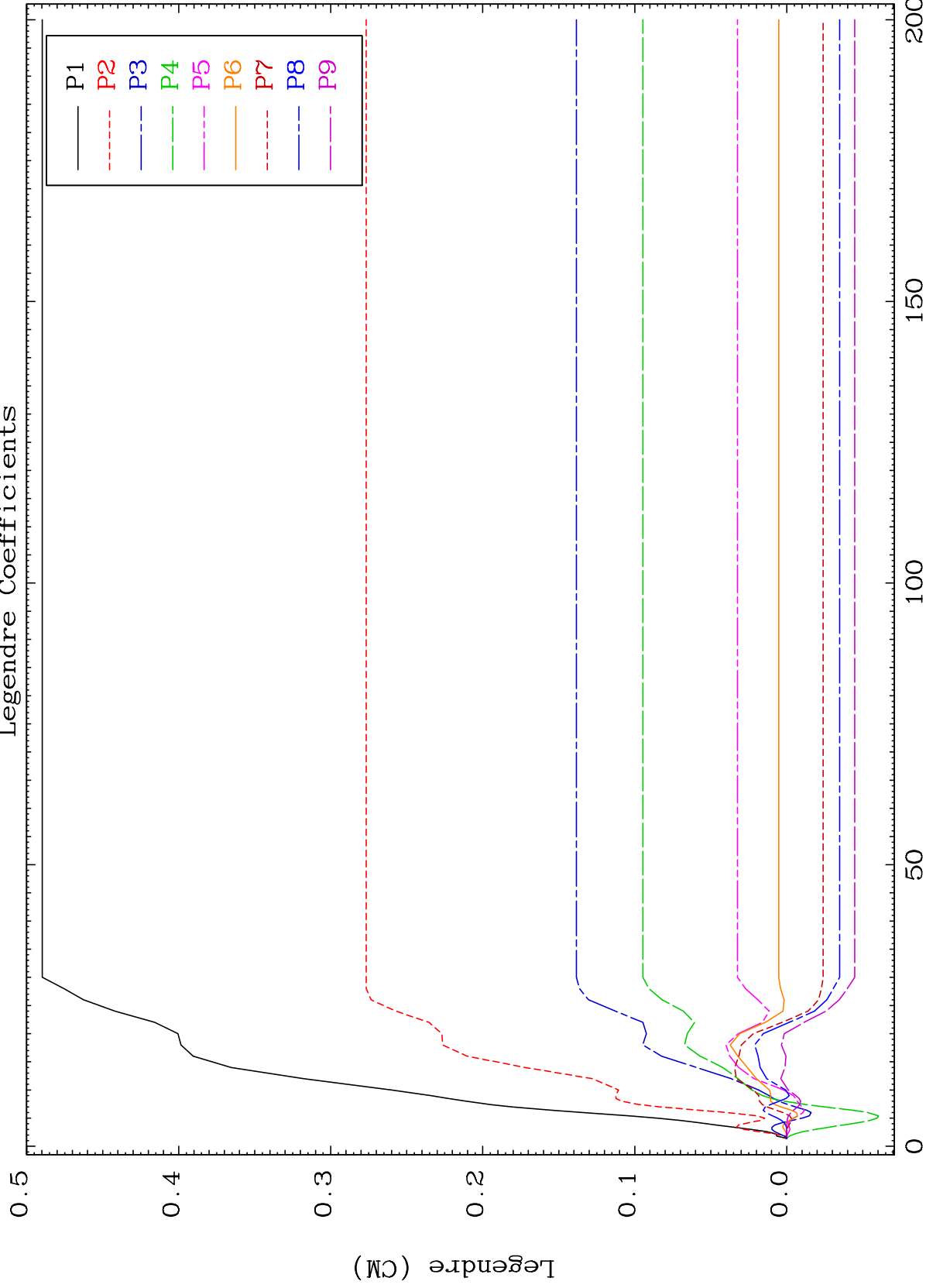
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



19

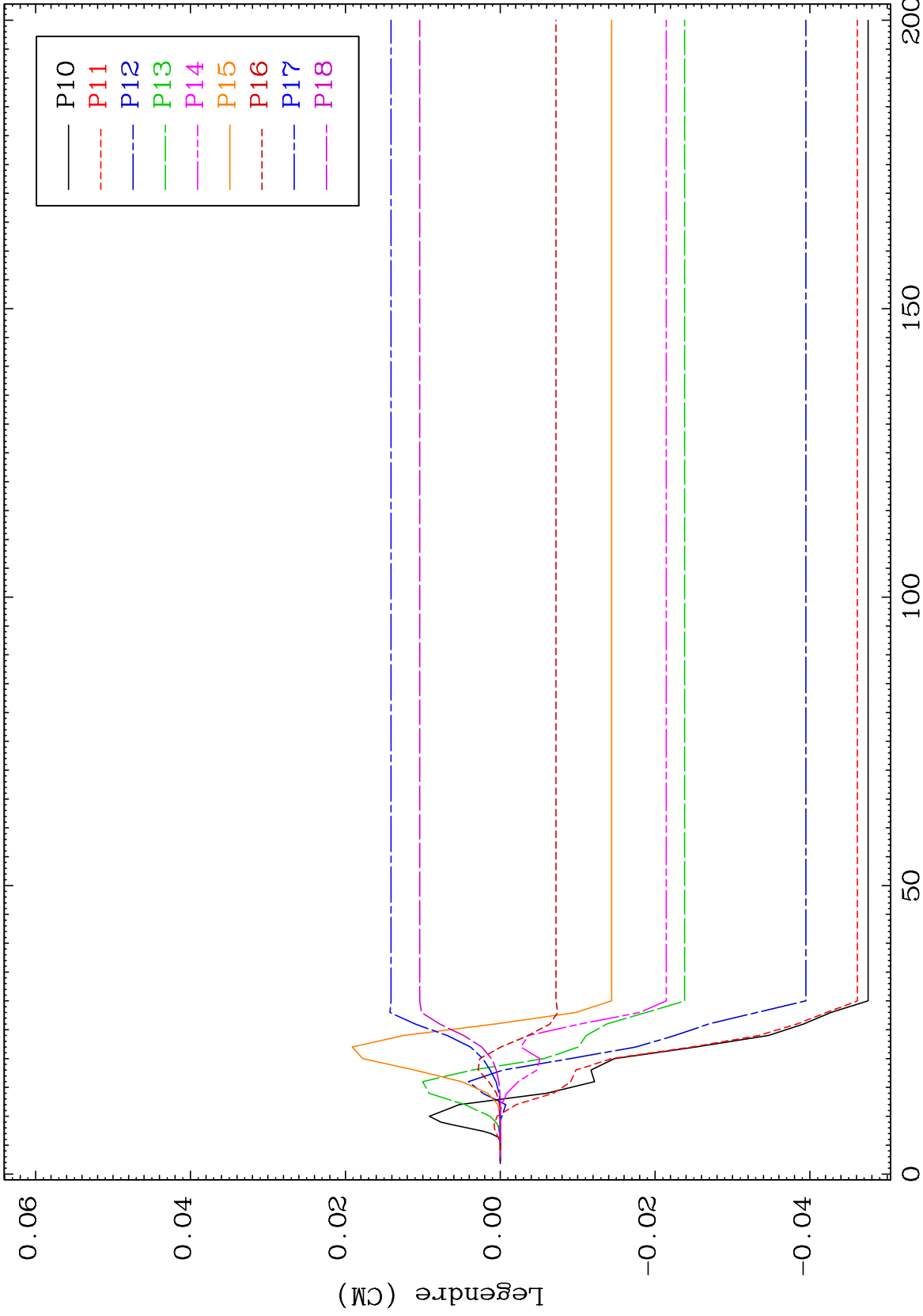
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



0

50

100

150

200

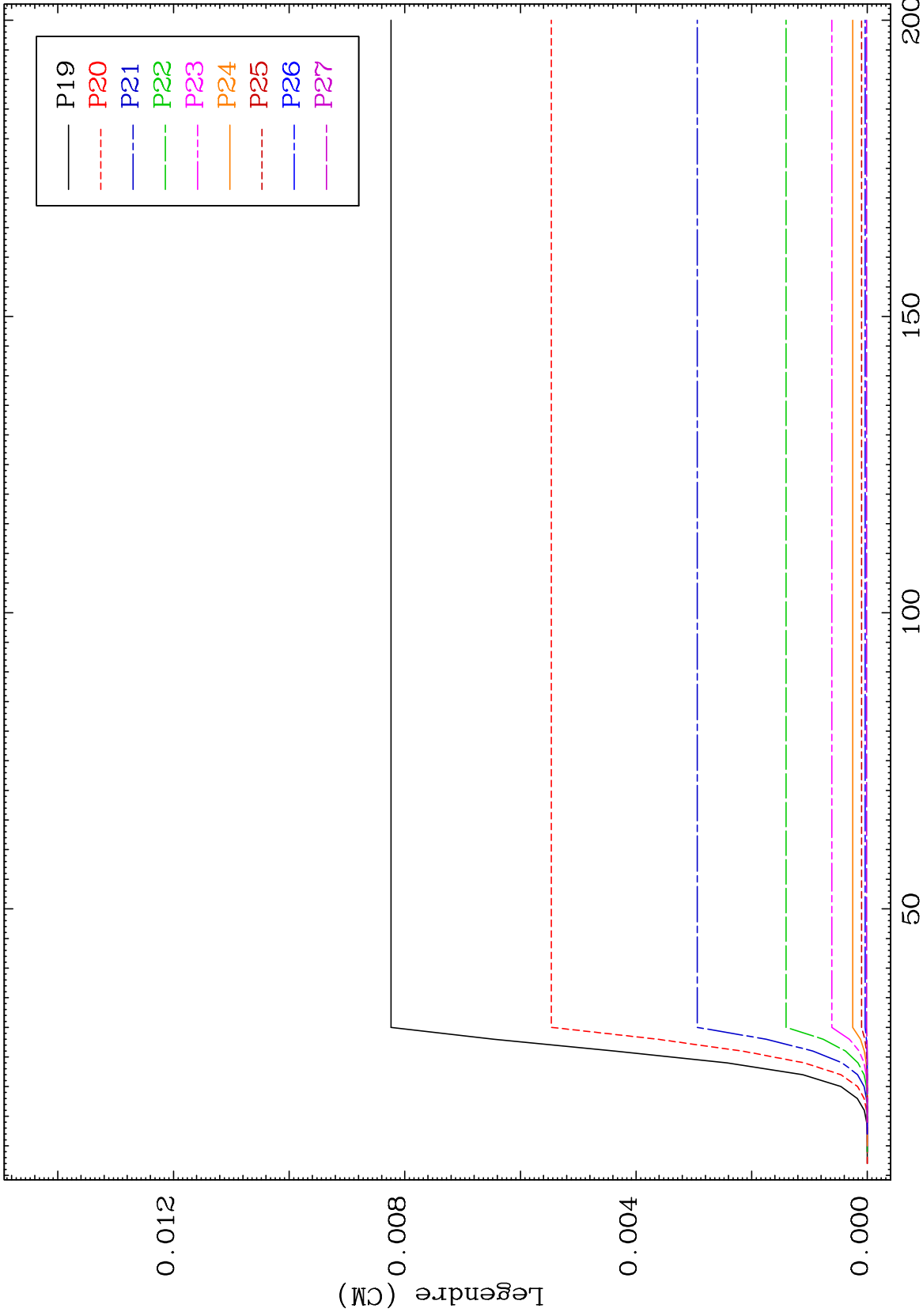
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



21

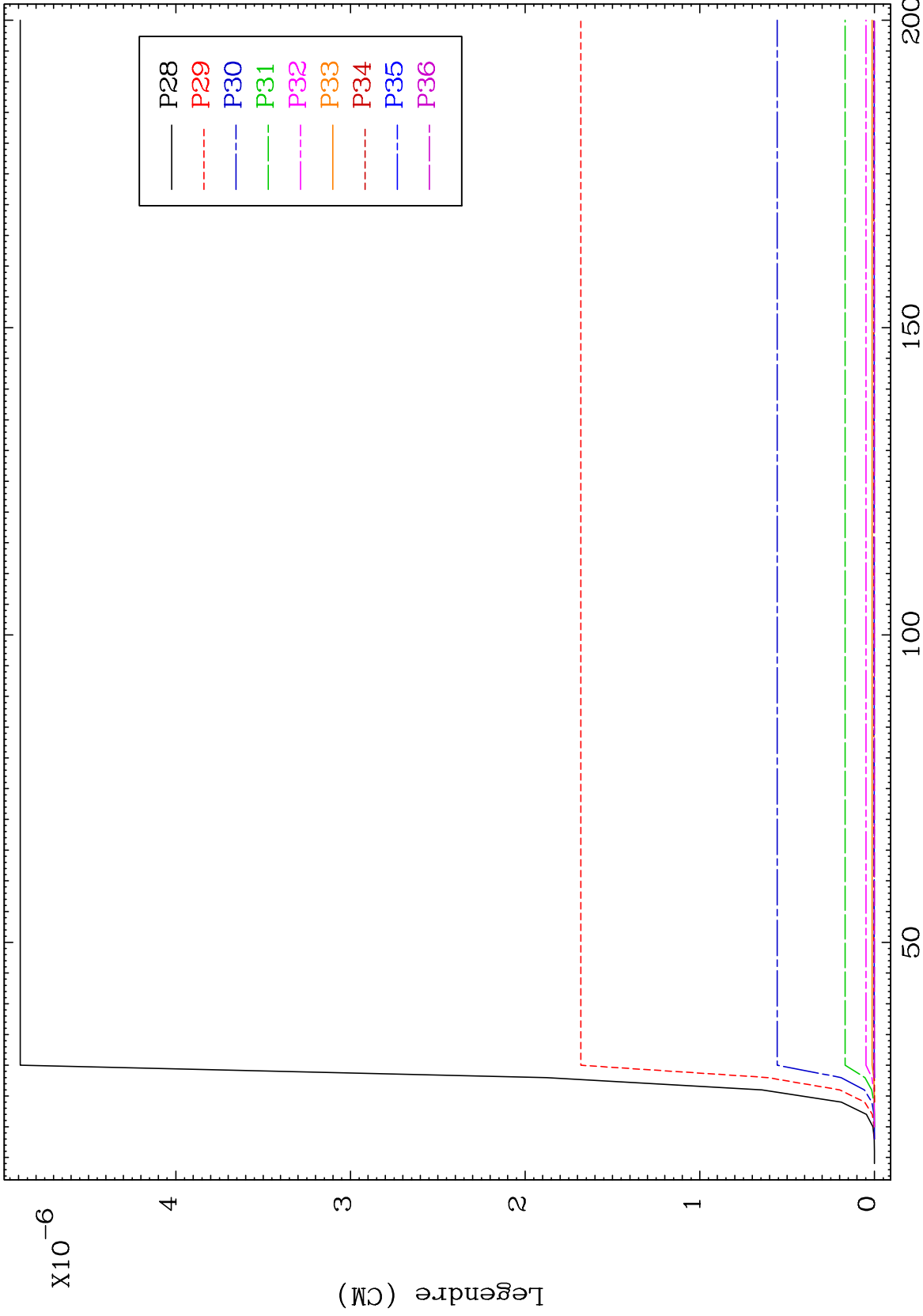
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



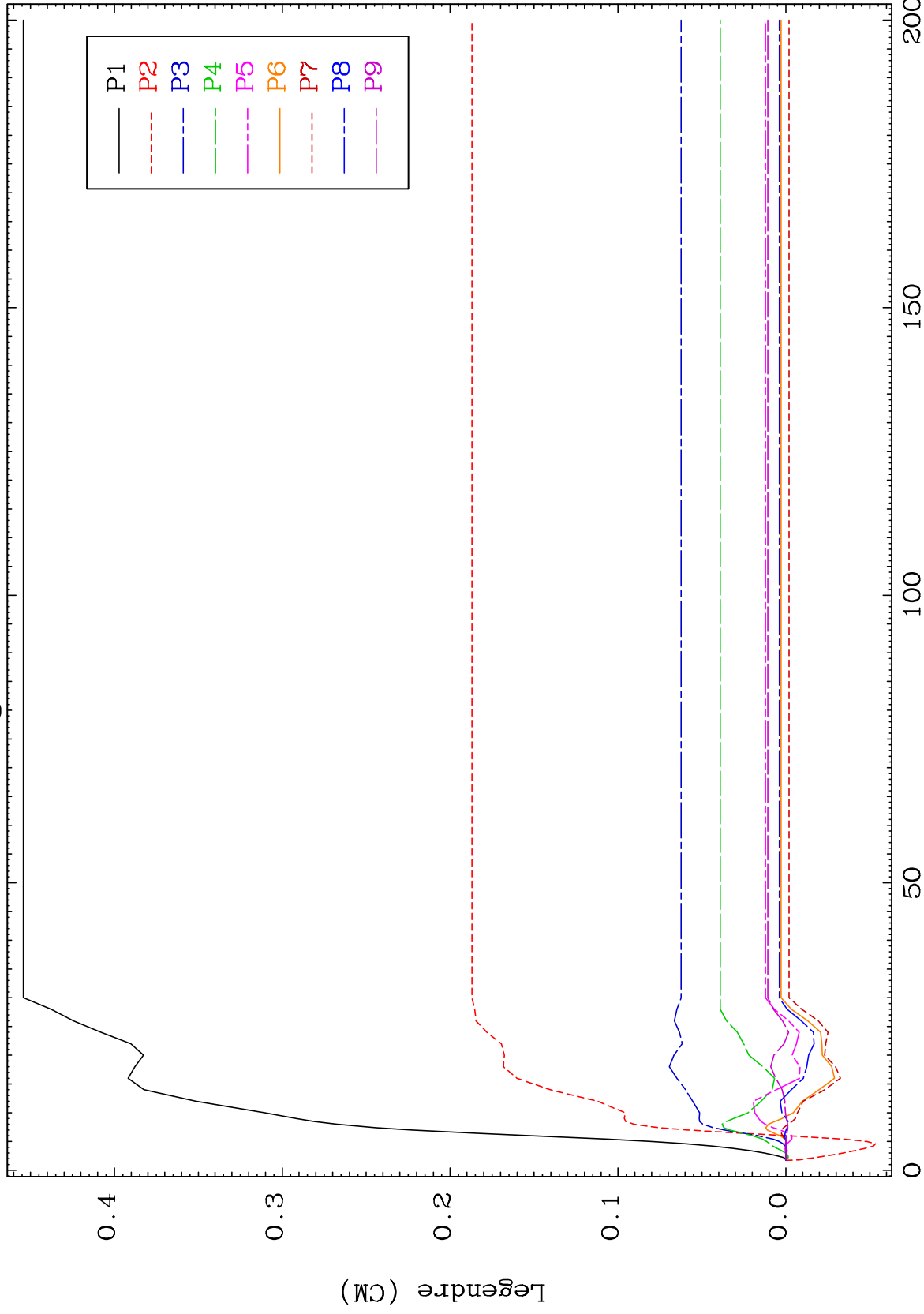
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54-Xe-136

MAT 5461

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

54-Xe-136



23

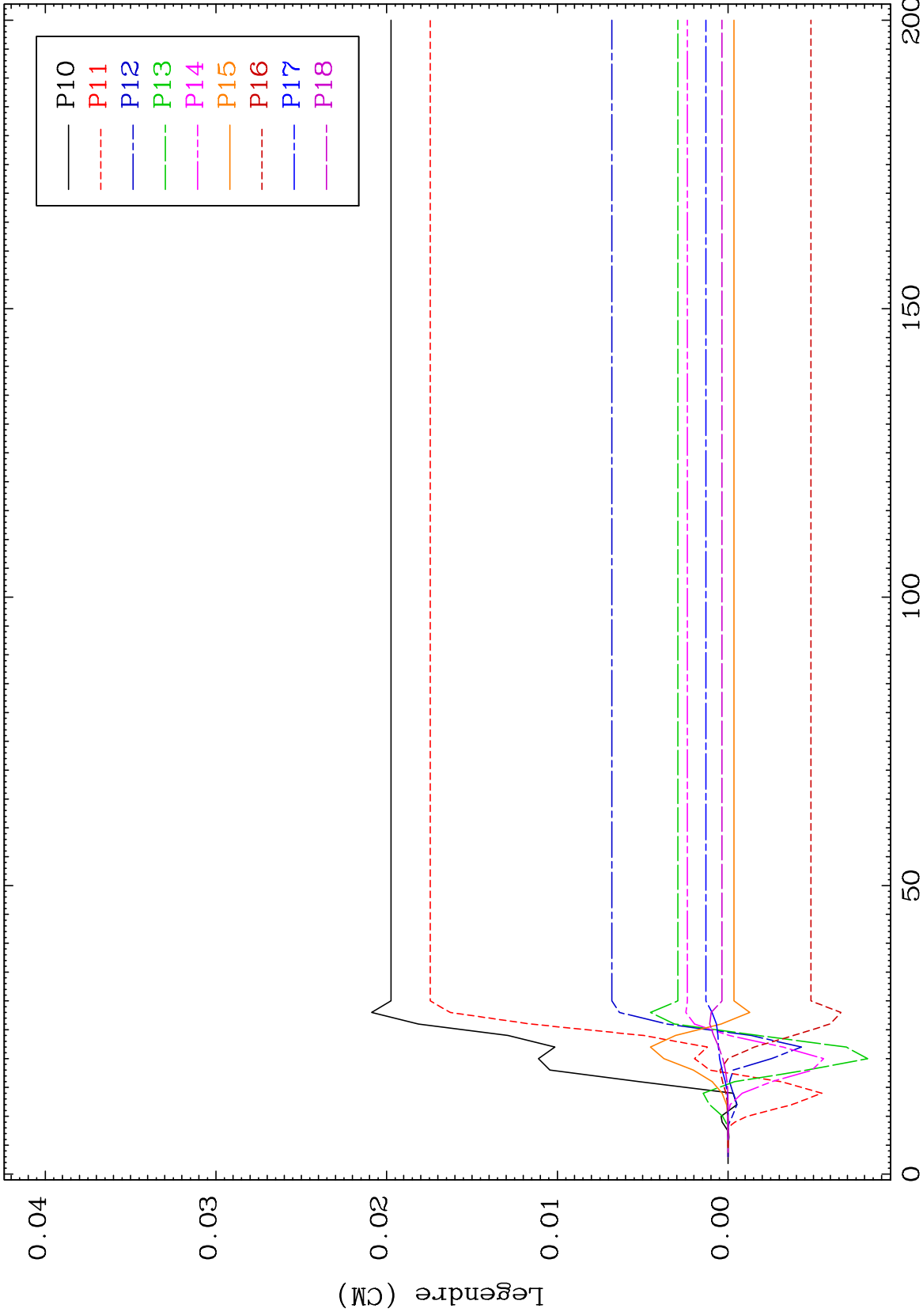
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



24

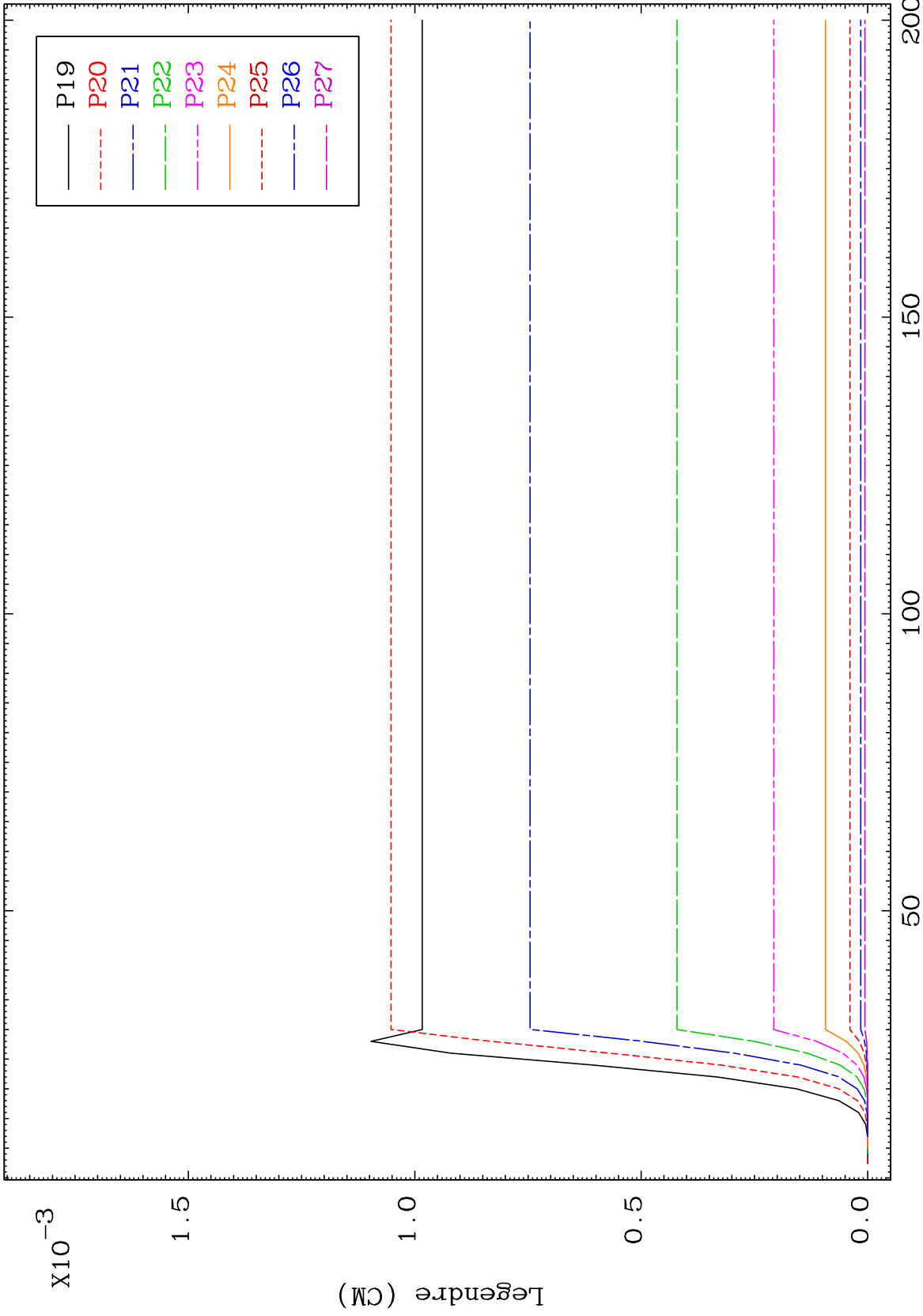
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



25

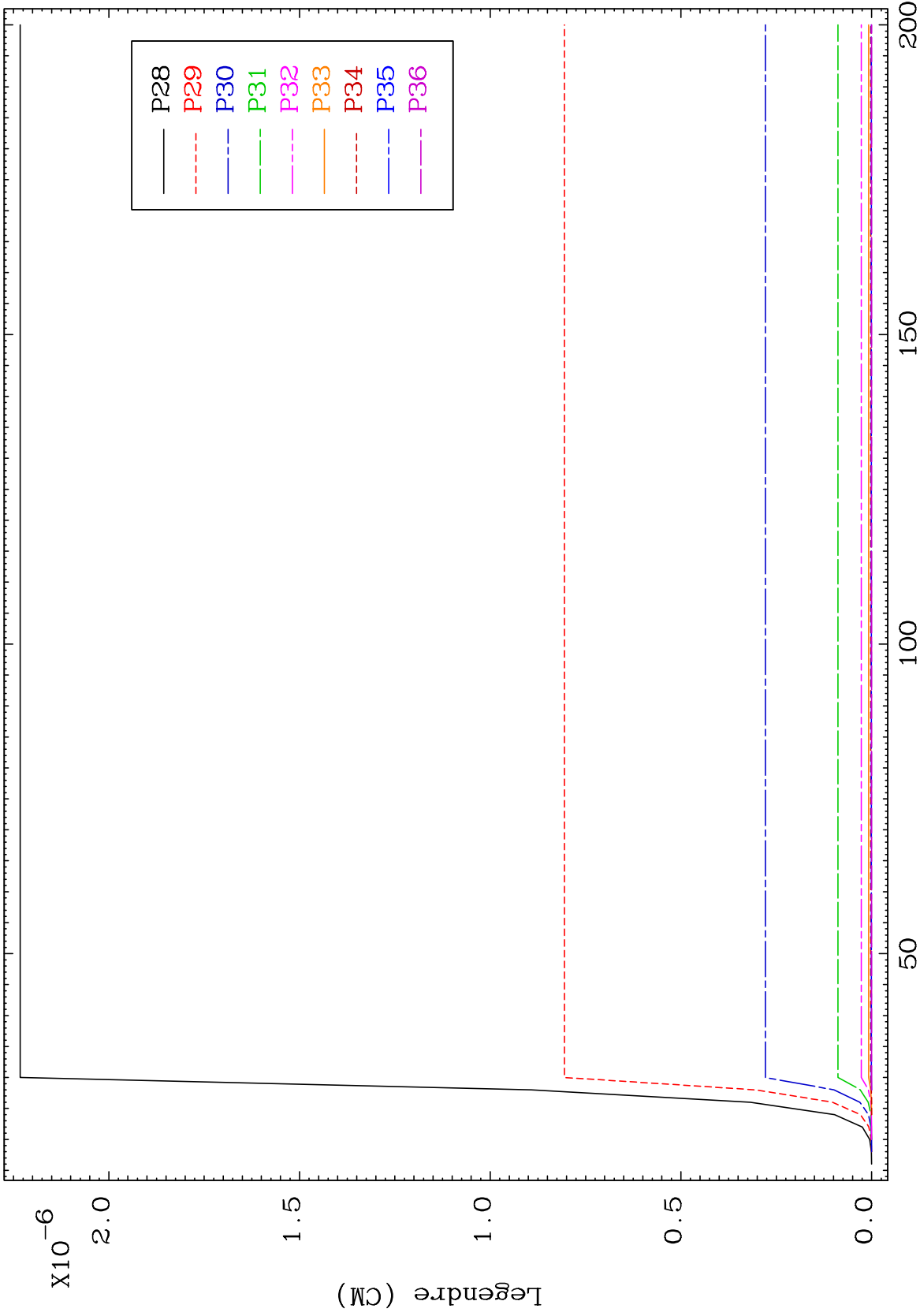
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



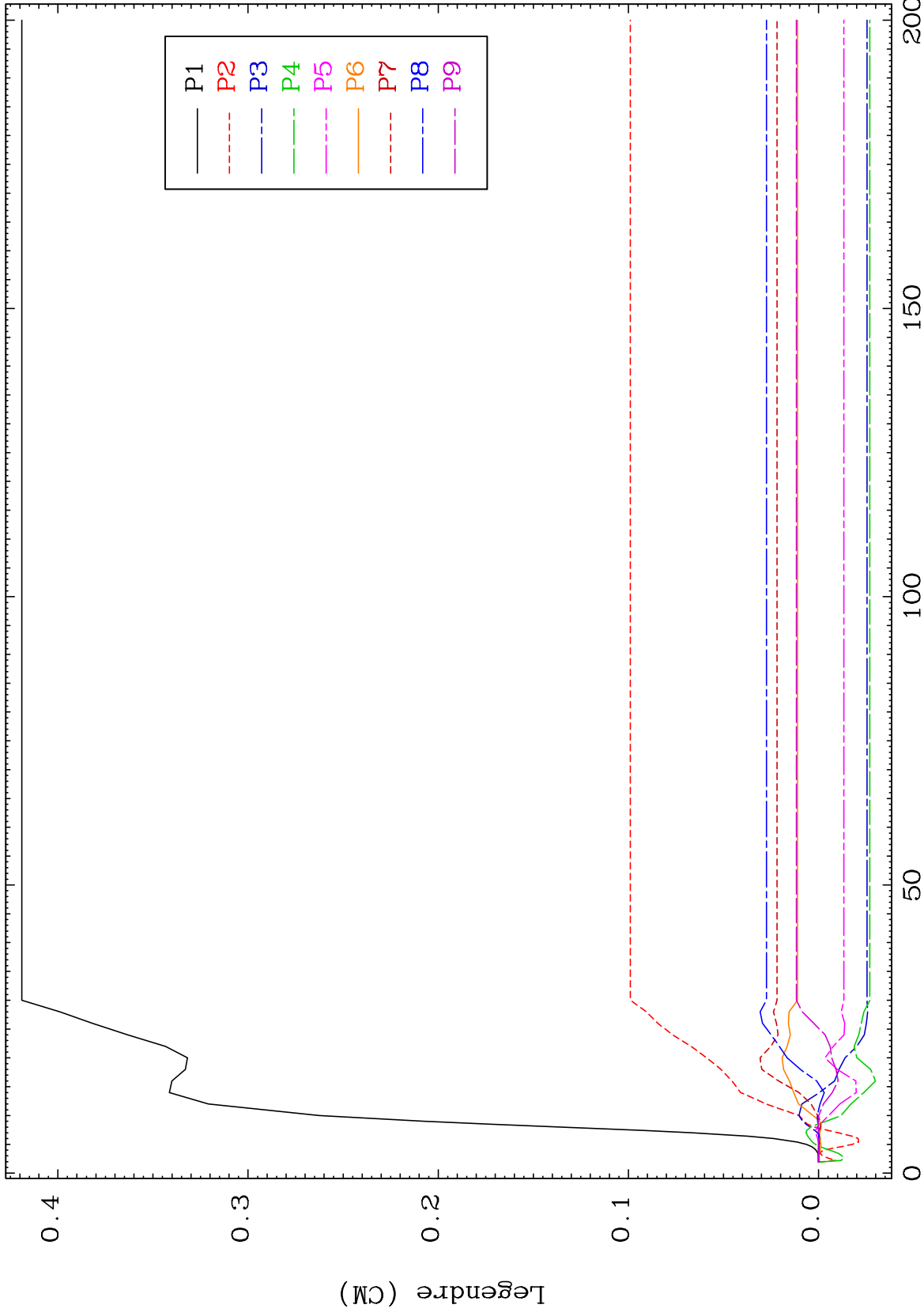
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54-Xe-136

MAT 5461

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

54-Xe-136



27

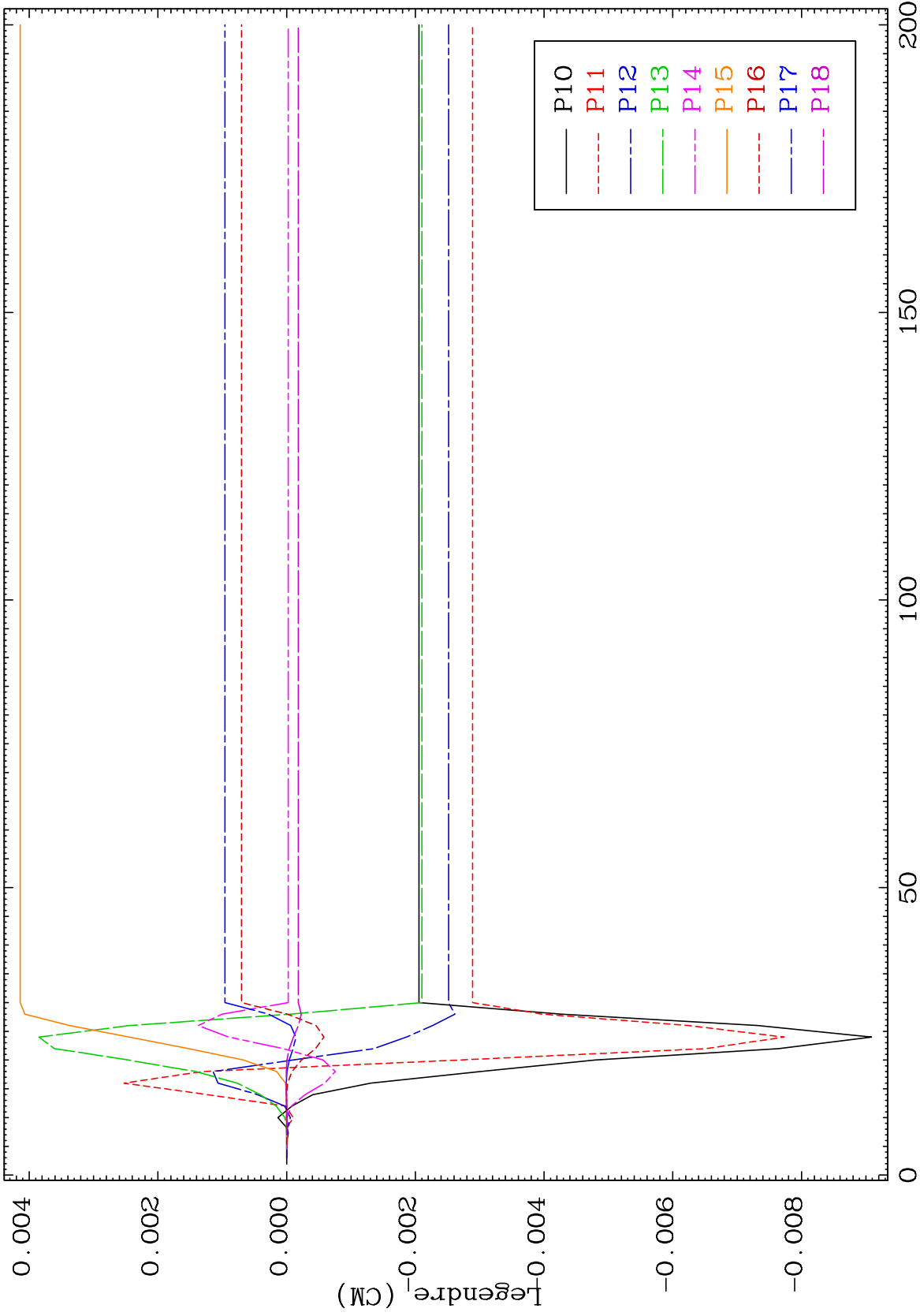
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



28

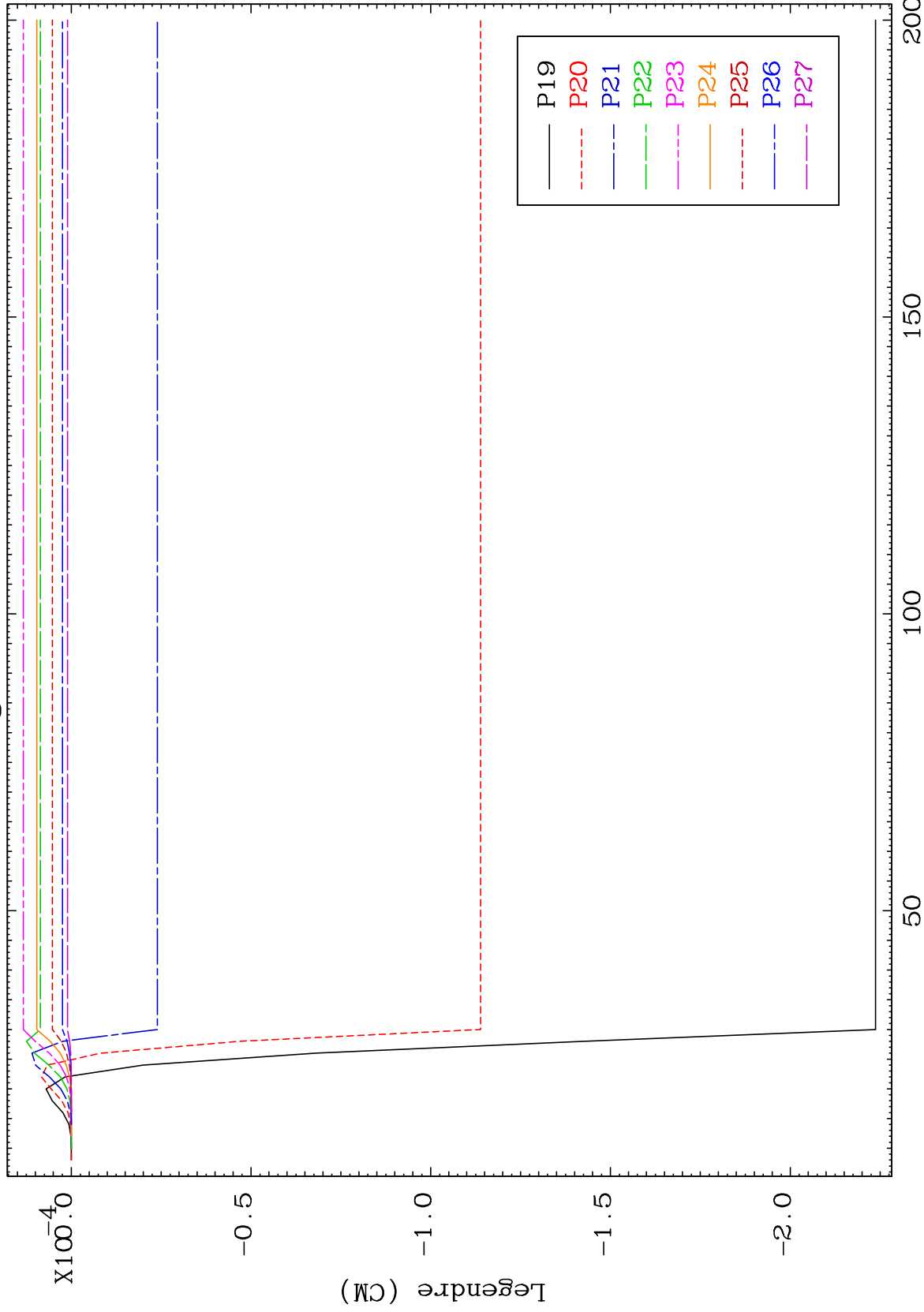
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



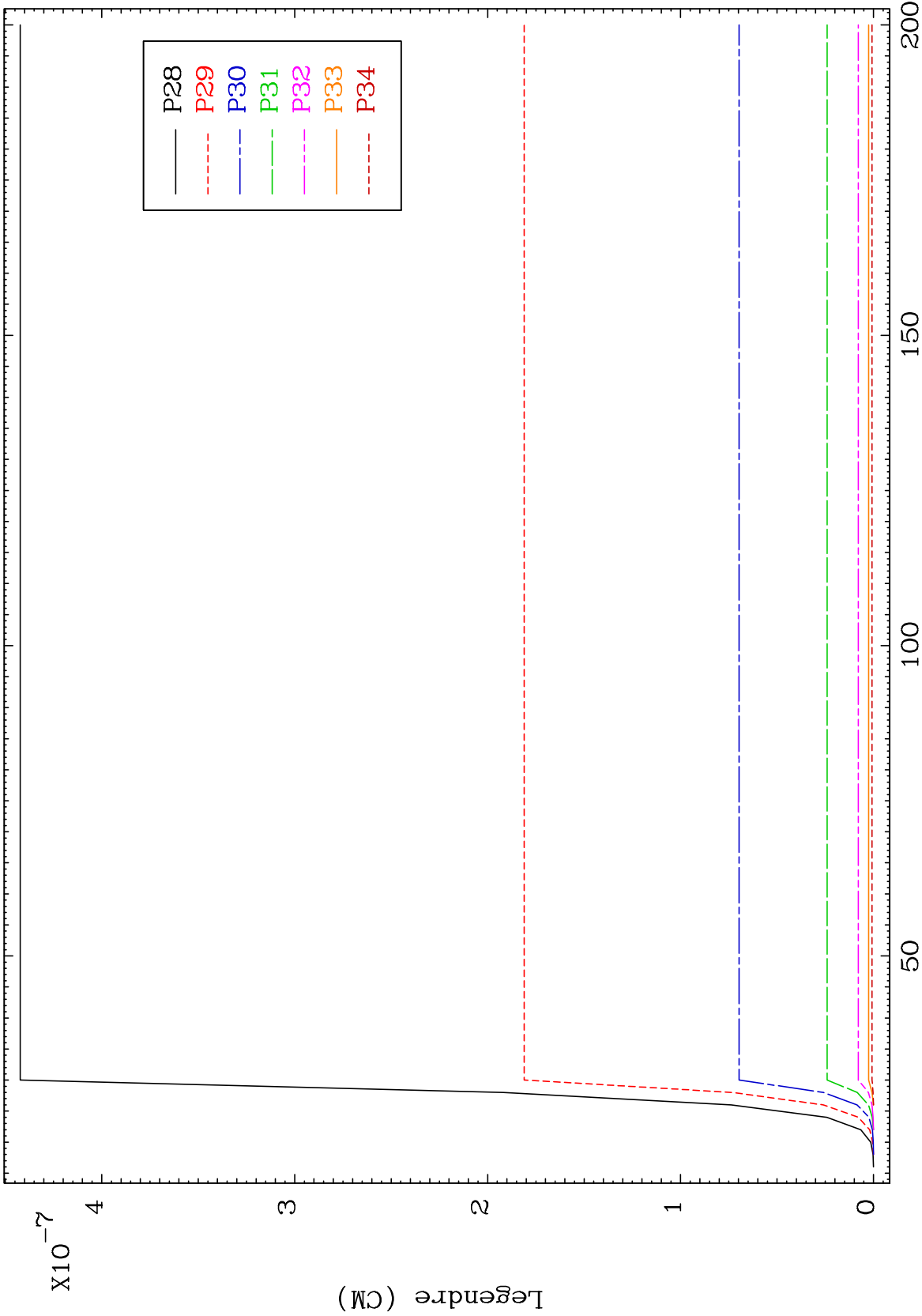
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54-Xe-136

MAT 5461

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

54-Xe-136



30

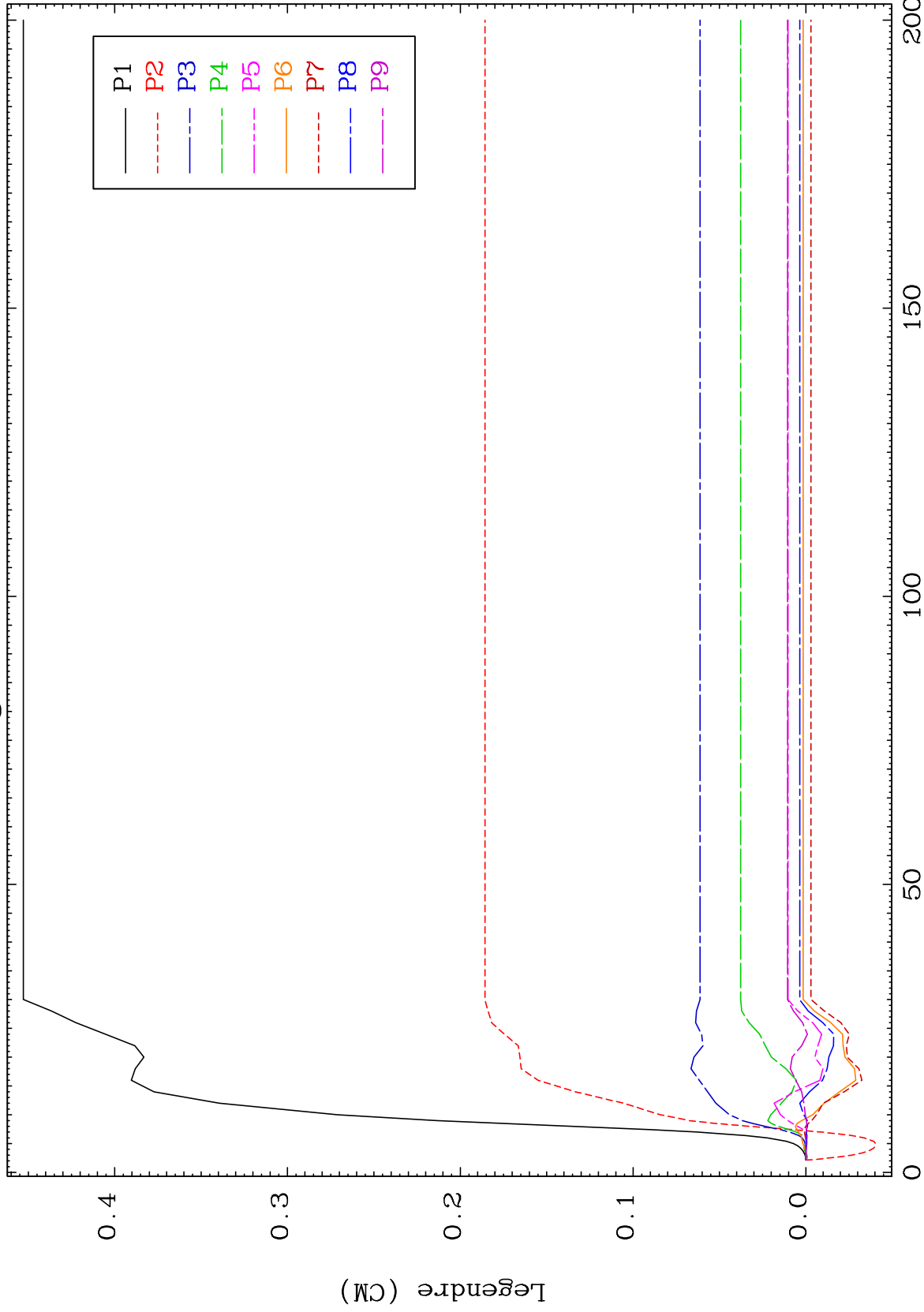
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



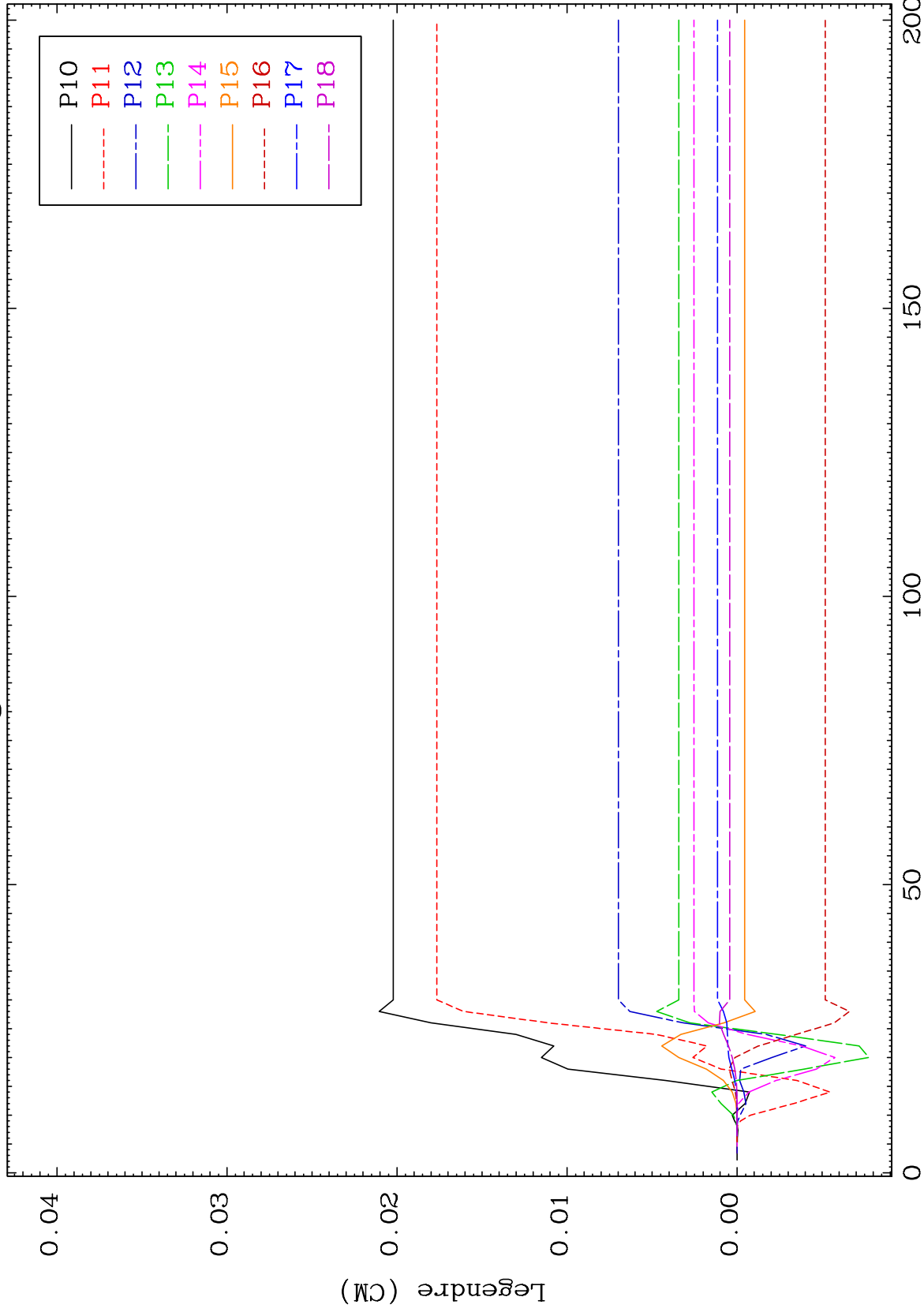
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54-Xe-136

MAT 5461

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

54-Xe-136



32

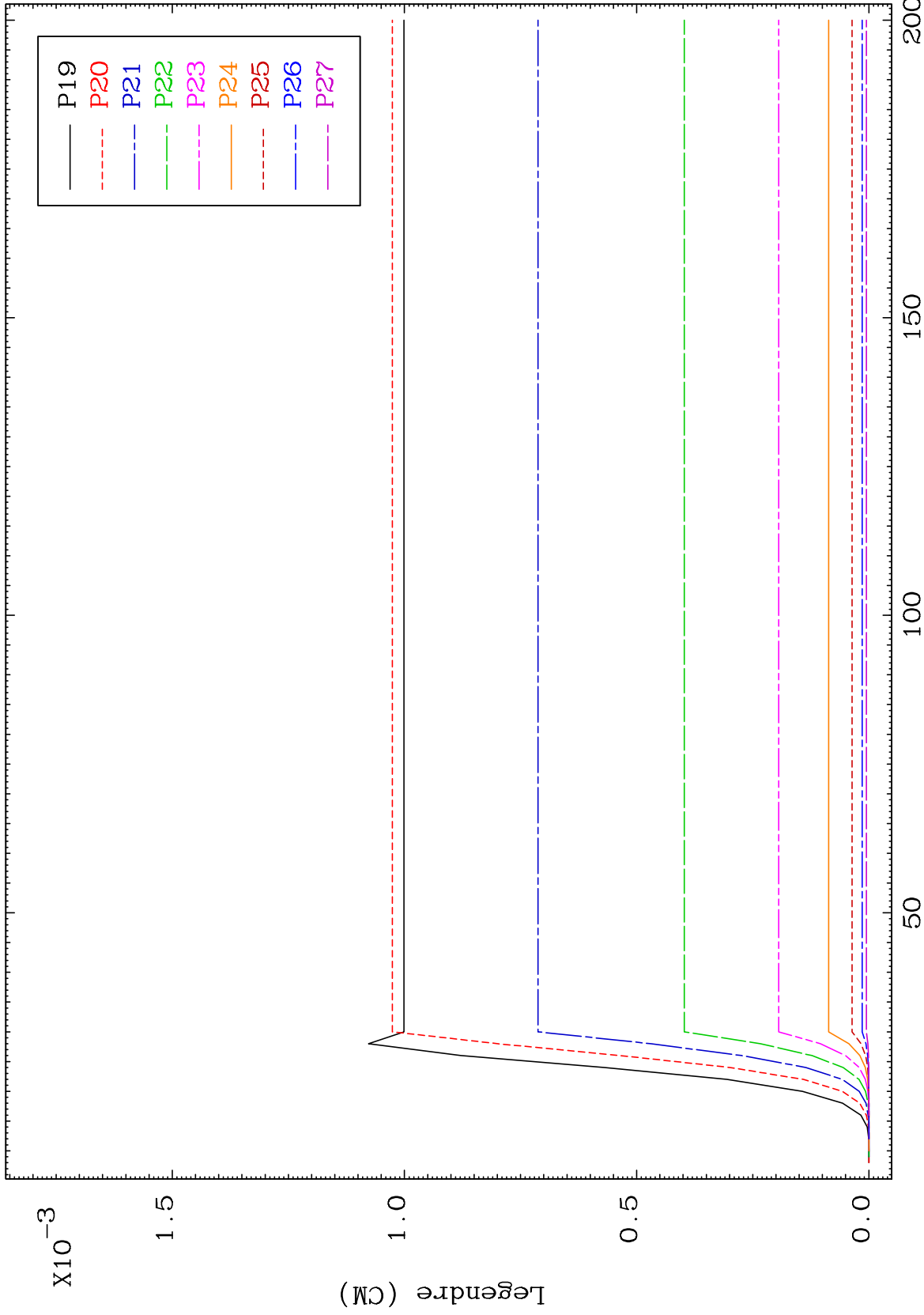
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



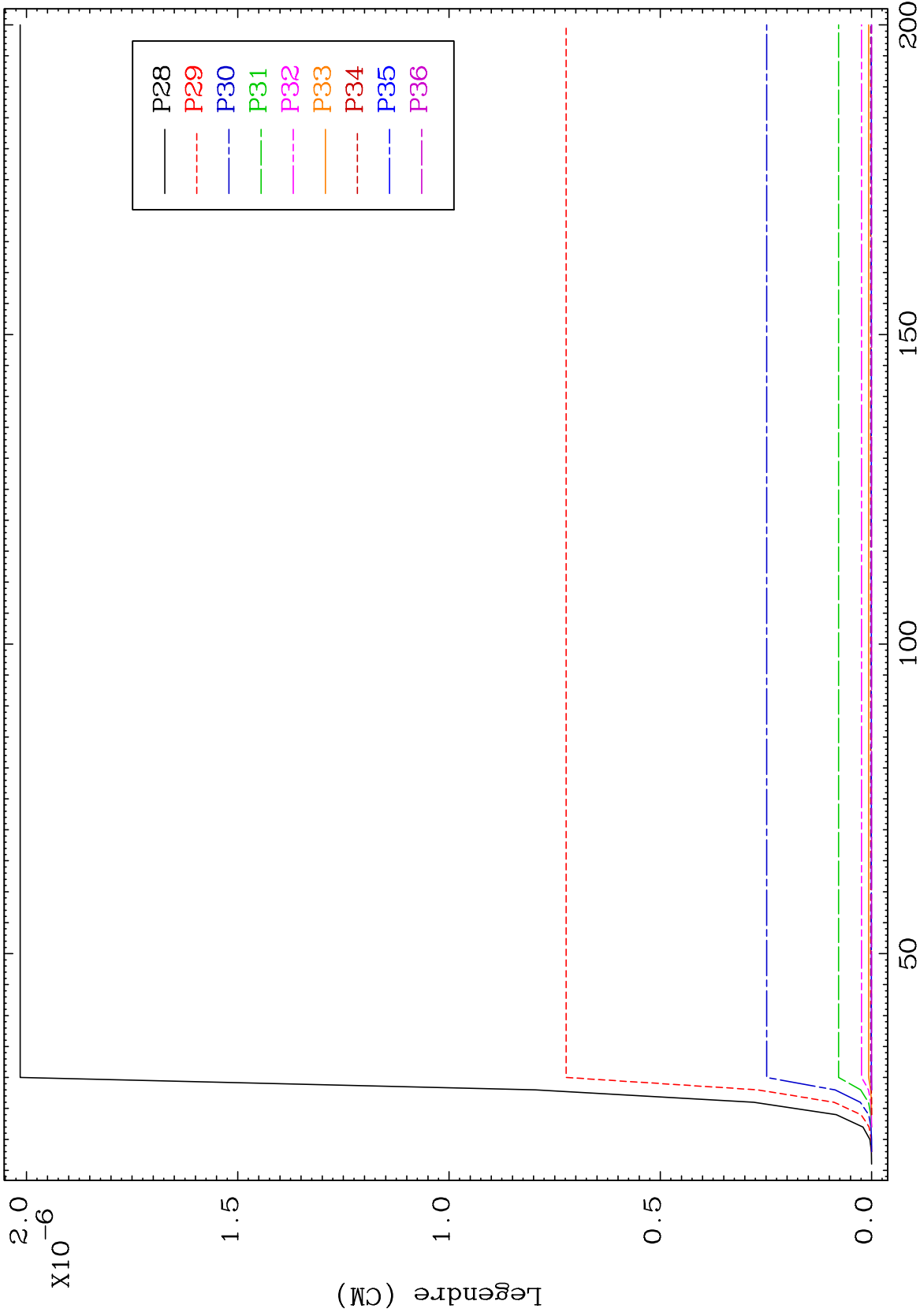
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MAT 5461

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

54-Xe-136



34

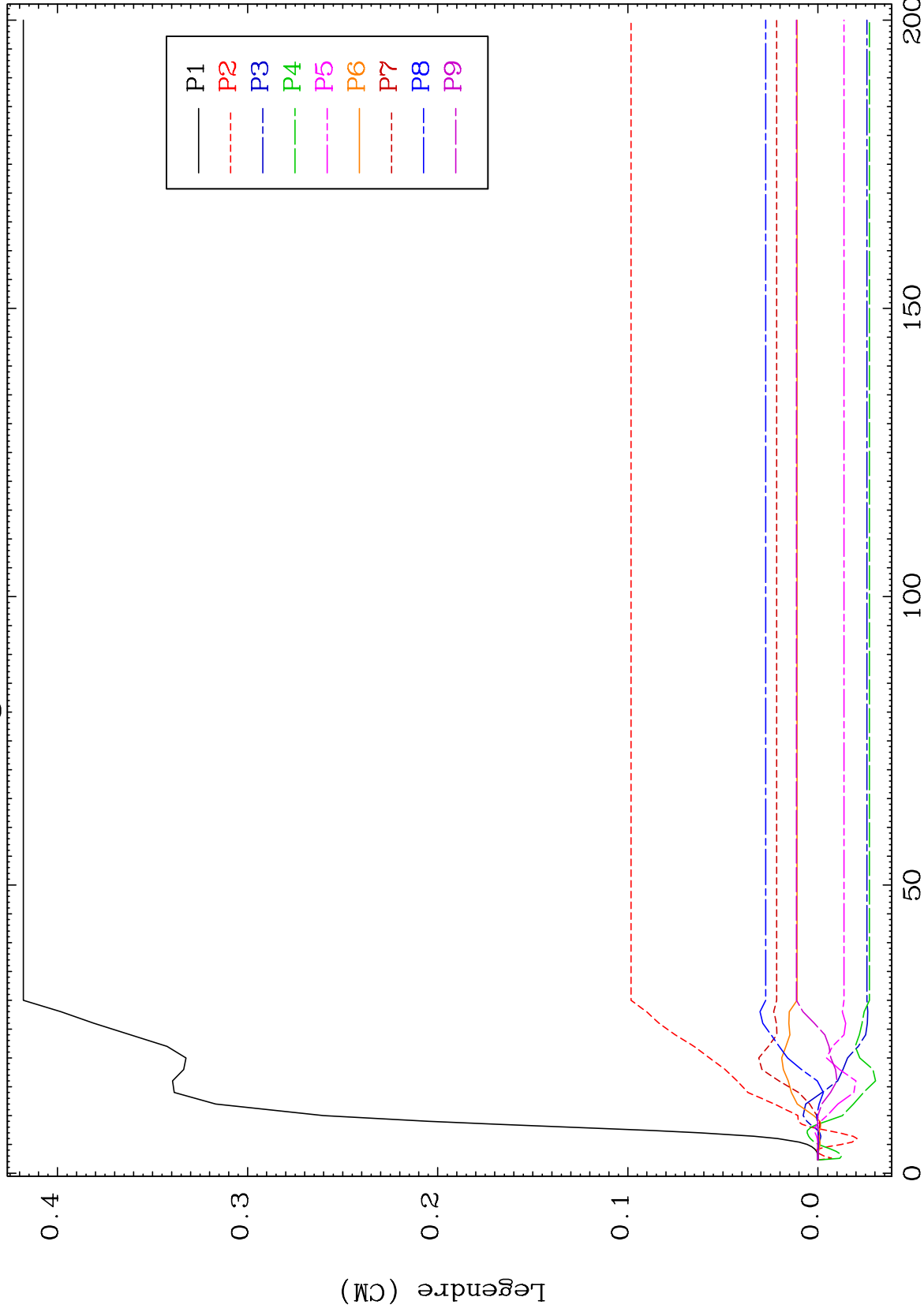
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



35

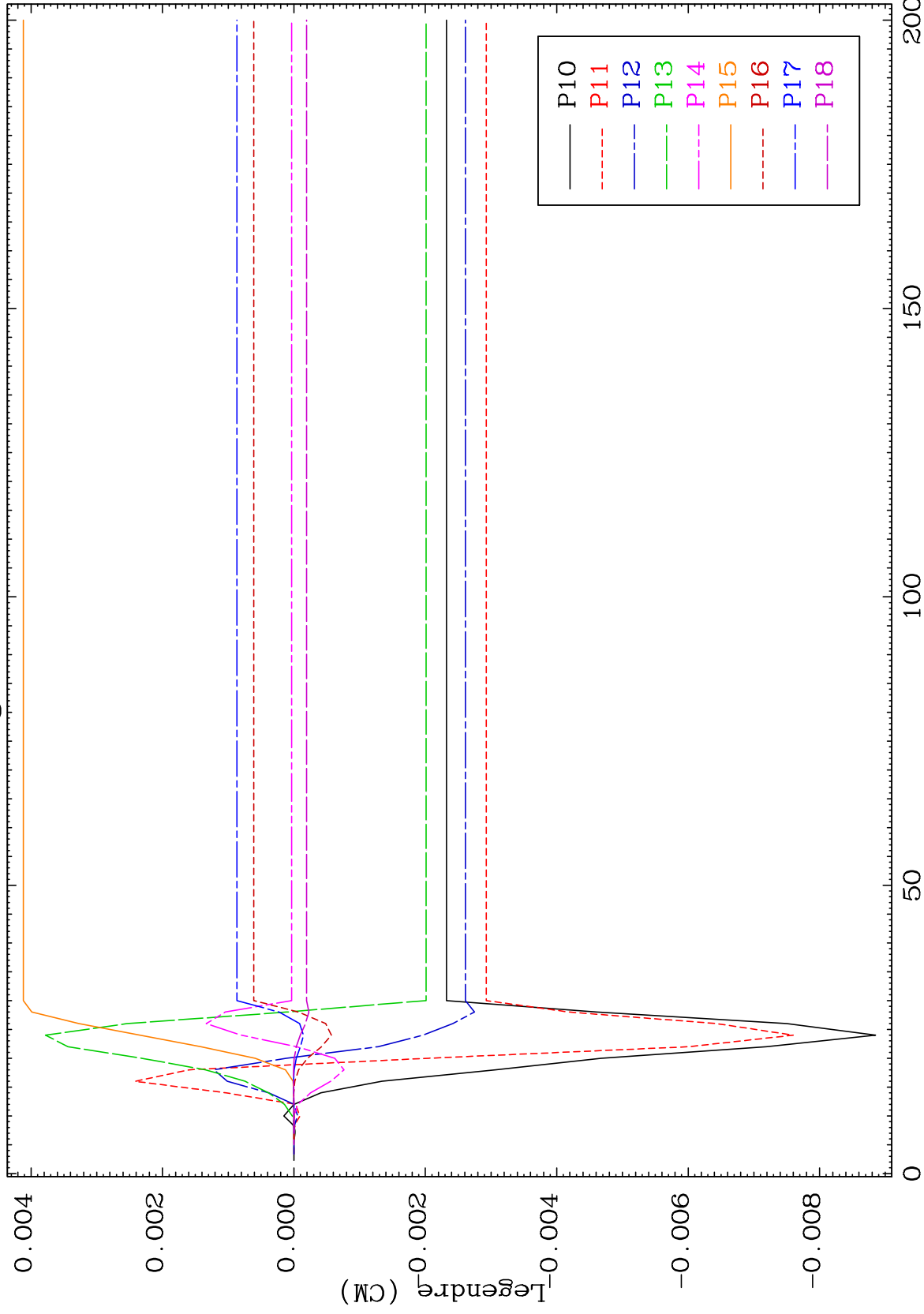
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



36

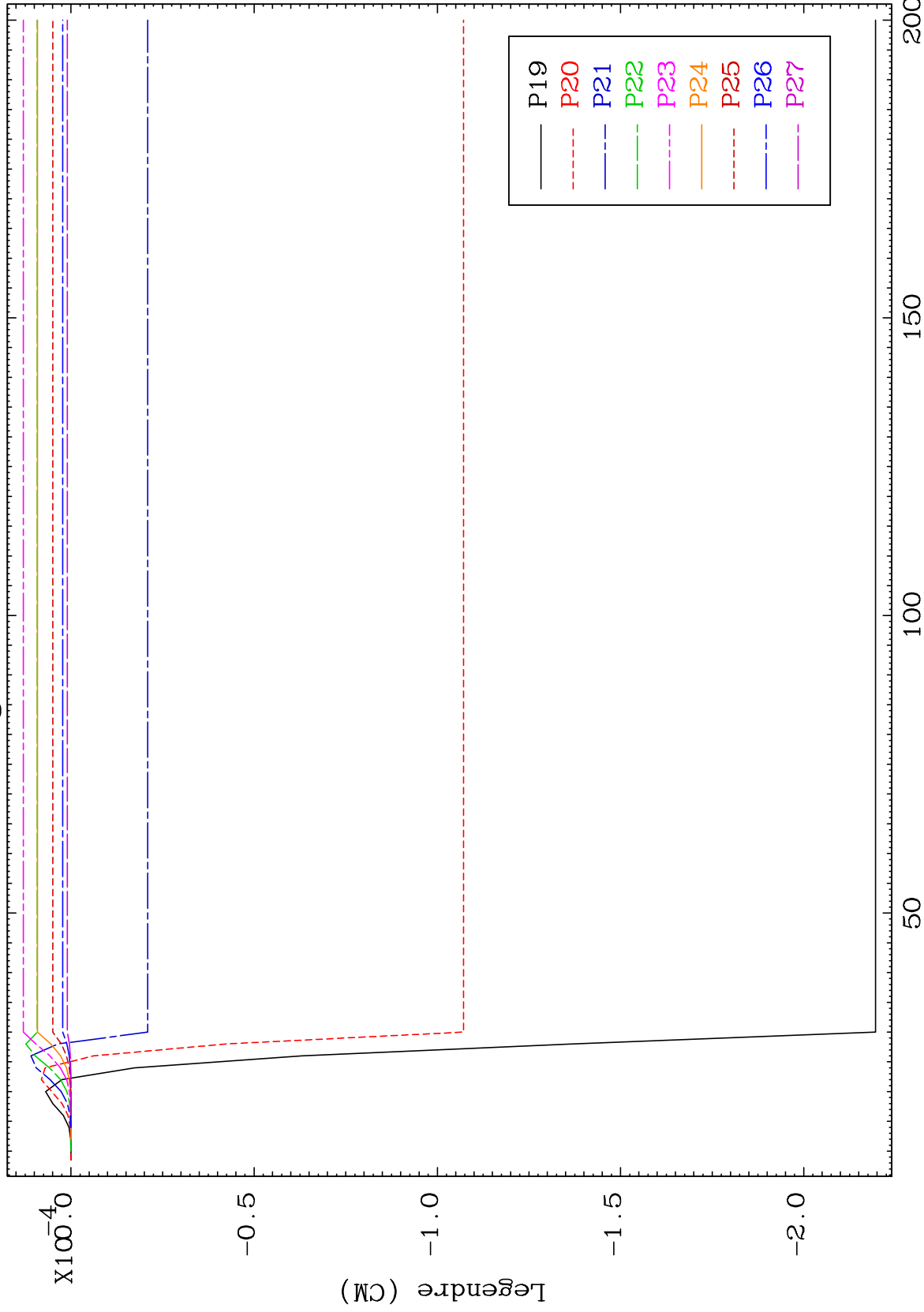
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



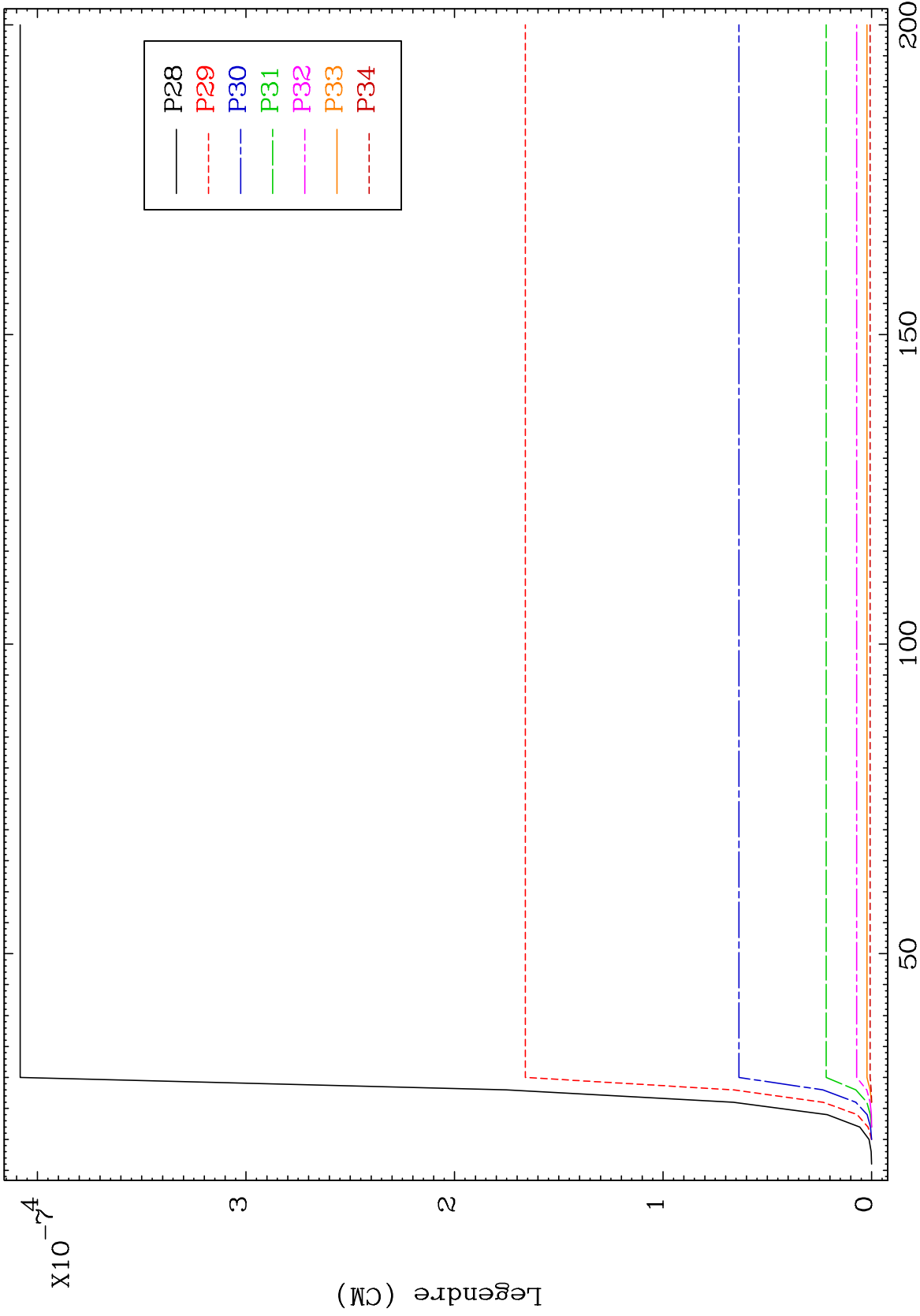
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54-Xe-136

MAT 5461

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

54-Xe-136



38

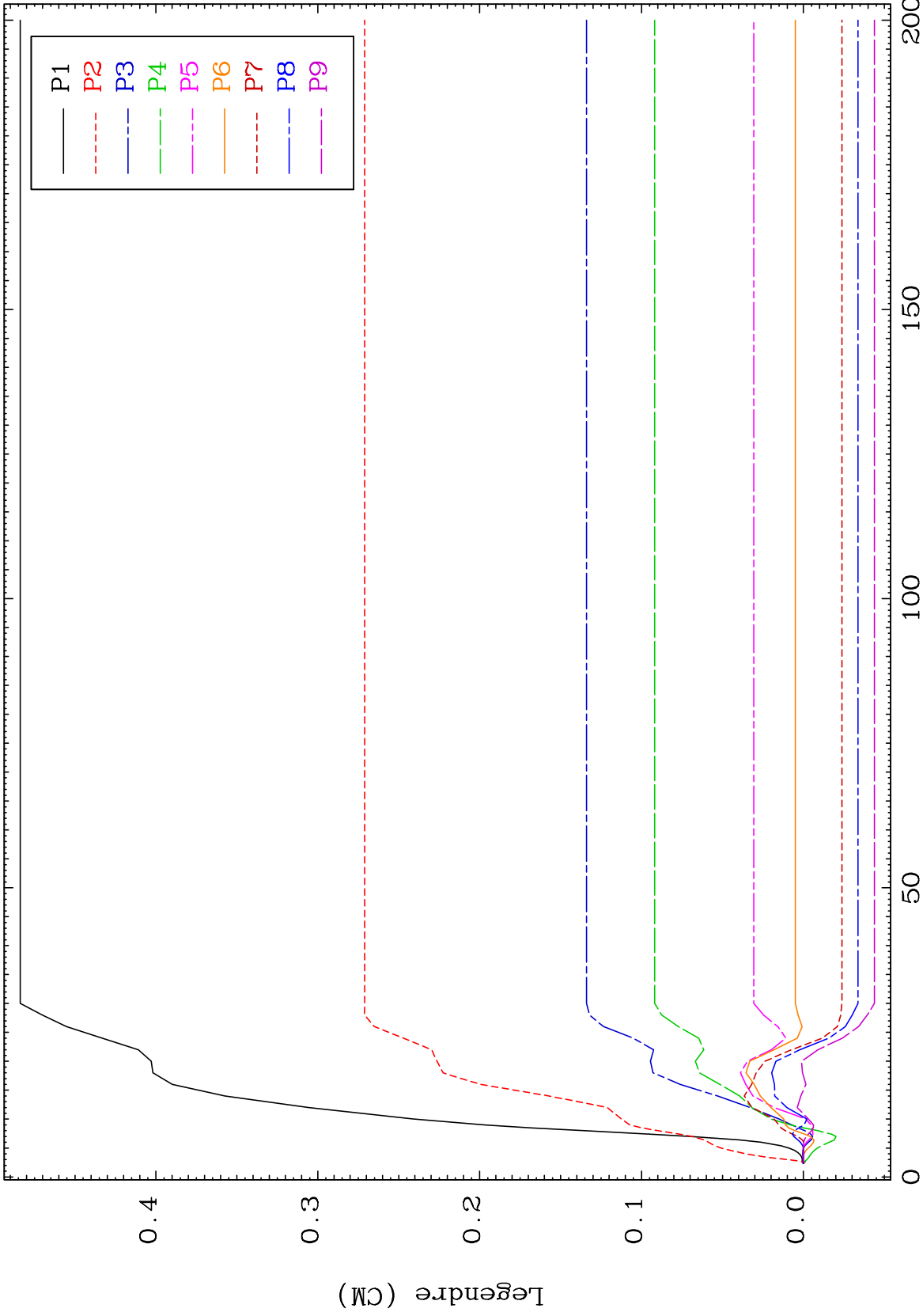
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



39

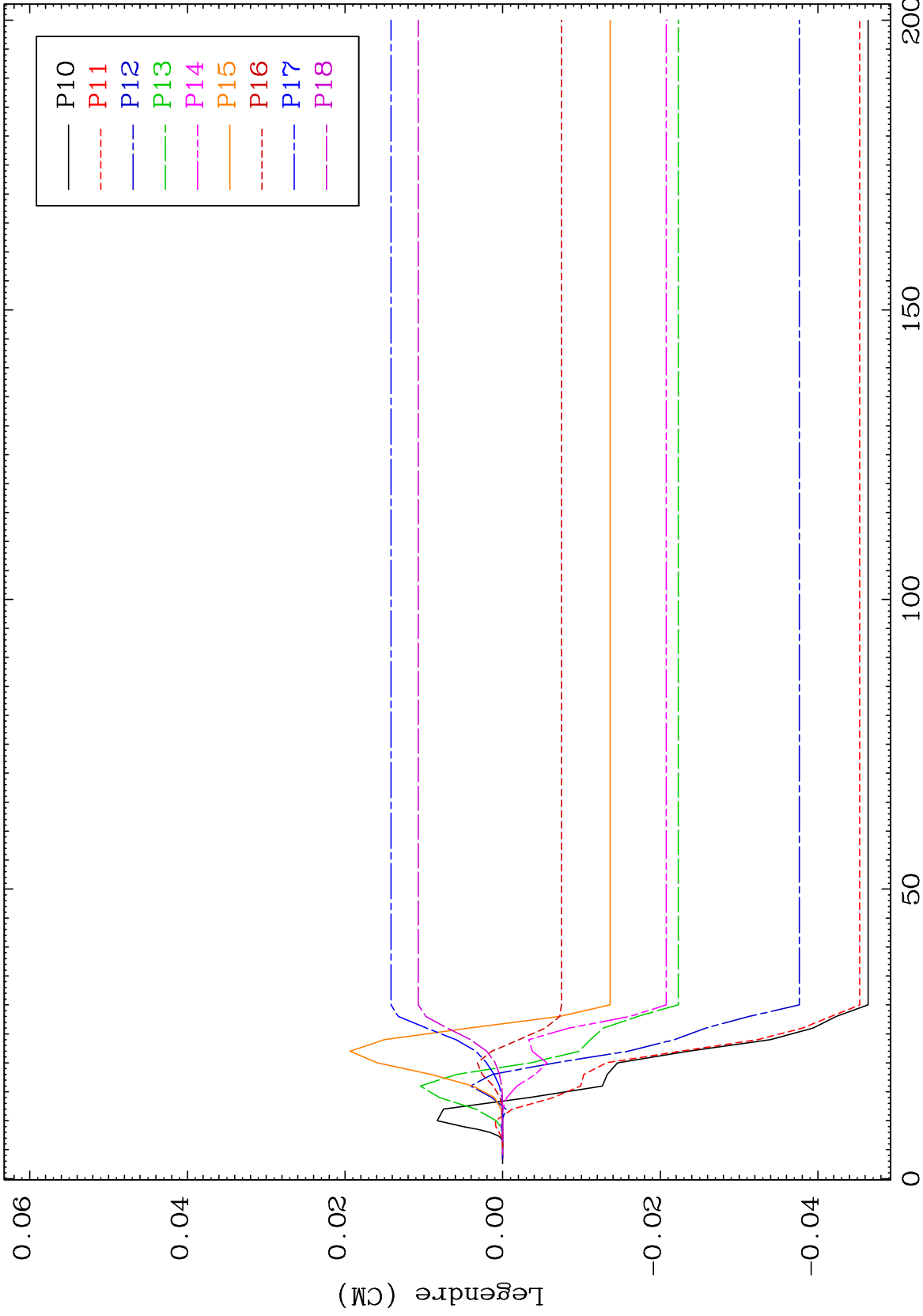
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



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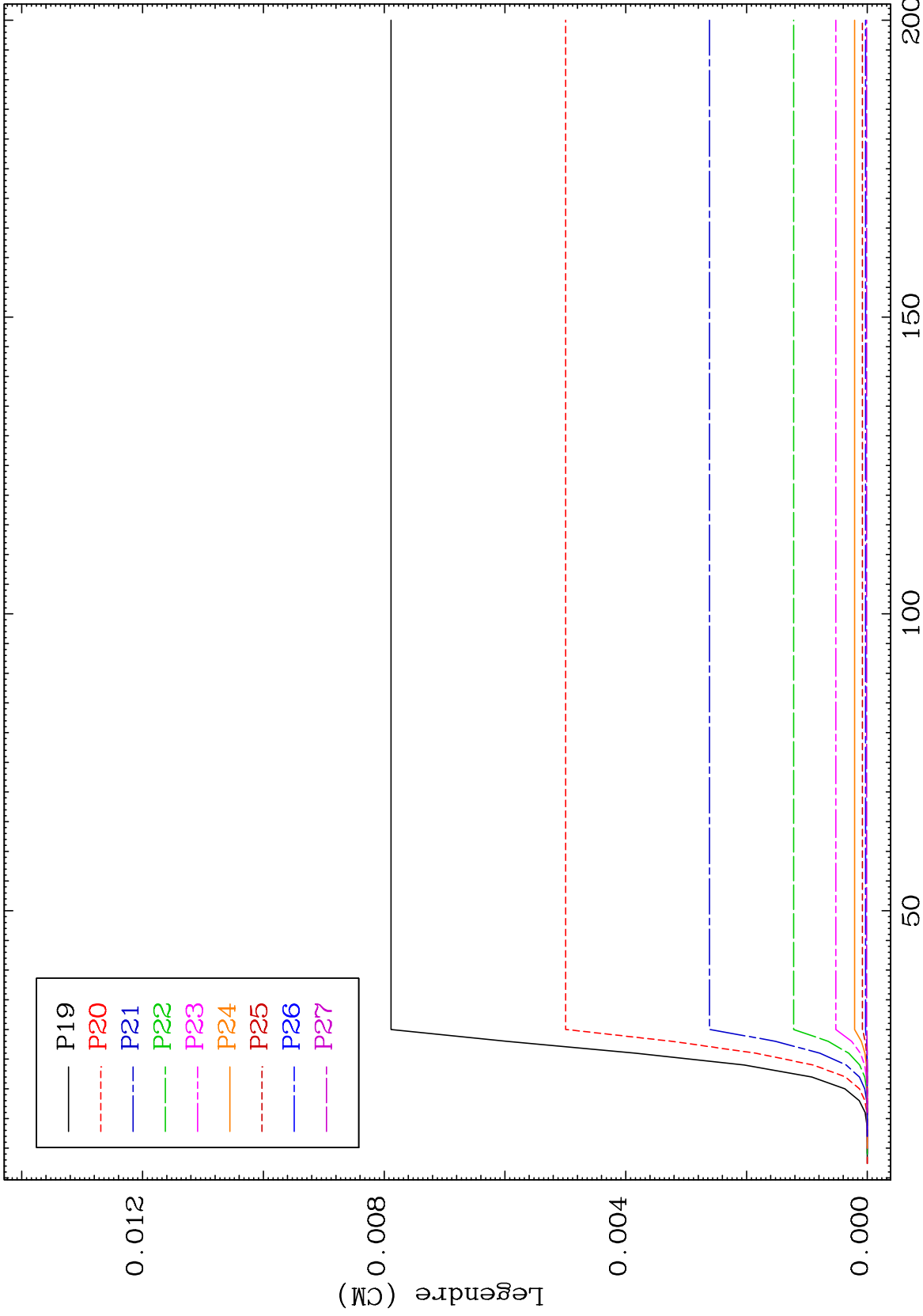
Incident Energy (MeV)

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MAT 5461

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

54-Xe-136



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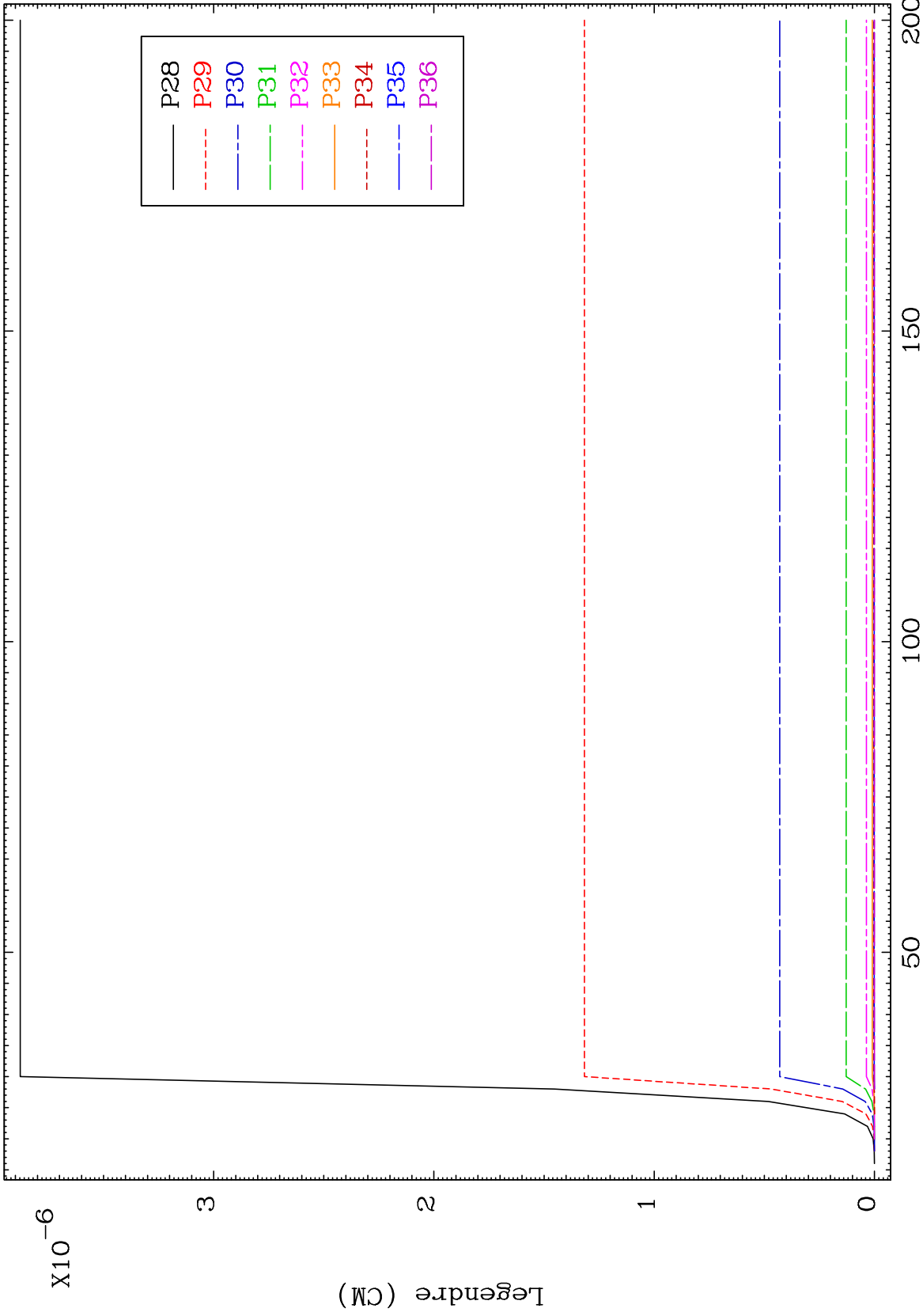
Incident Energy (MeV)

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MAT 5461

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

54-Xe-136



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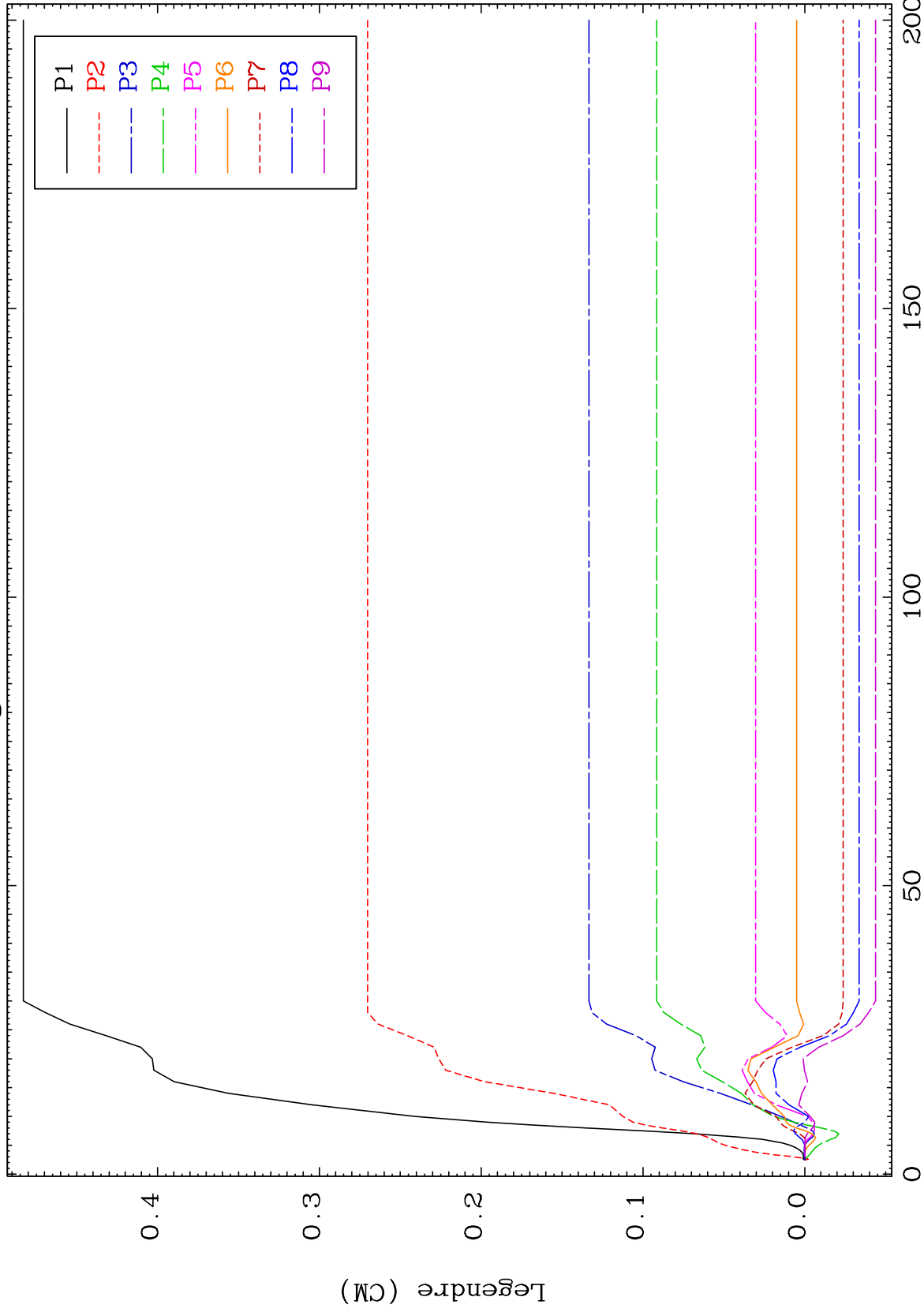
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



43

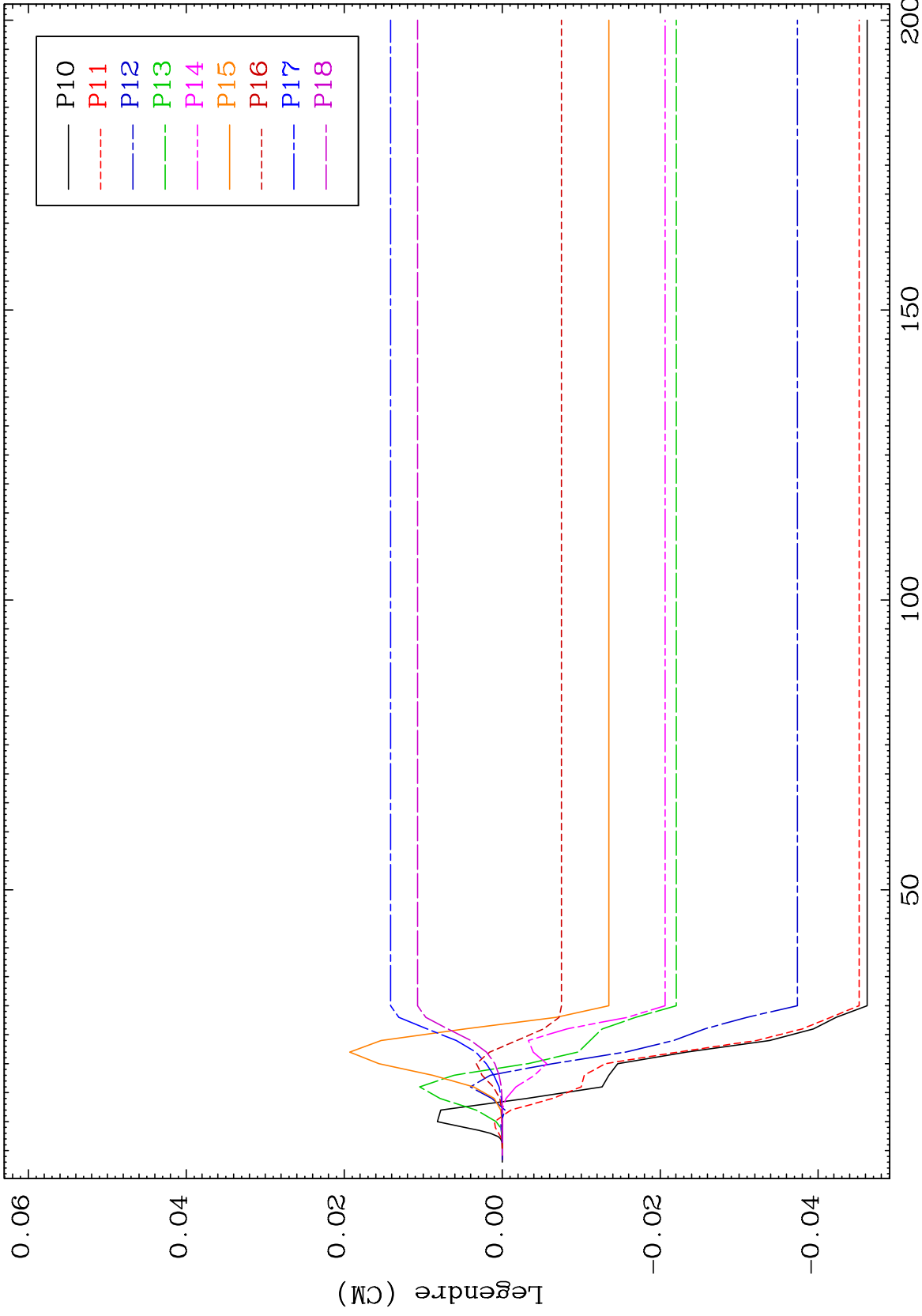
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



44

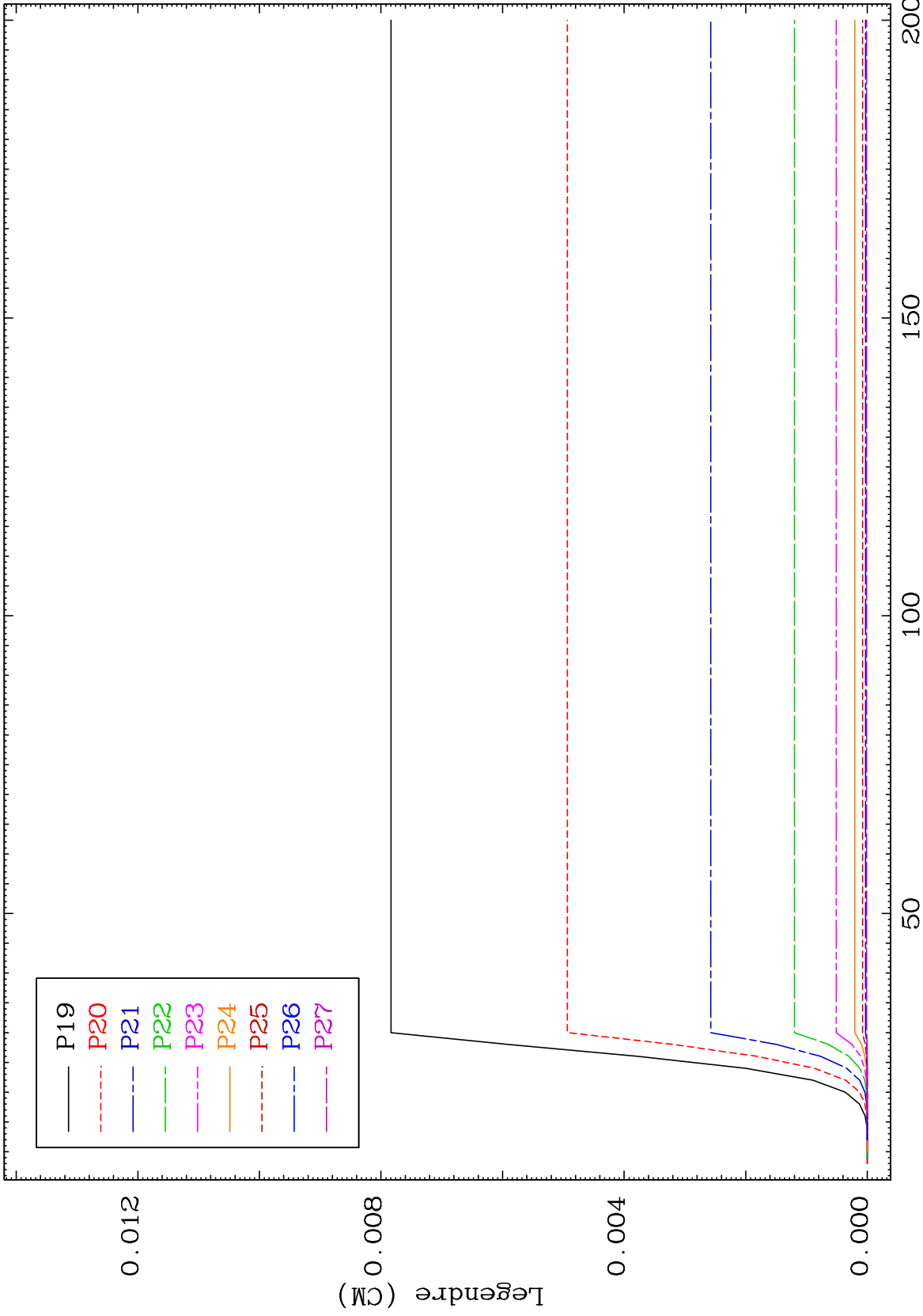
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



45

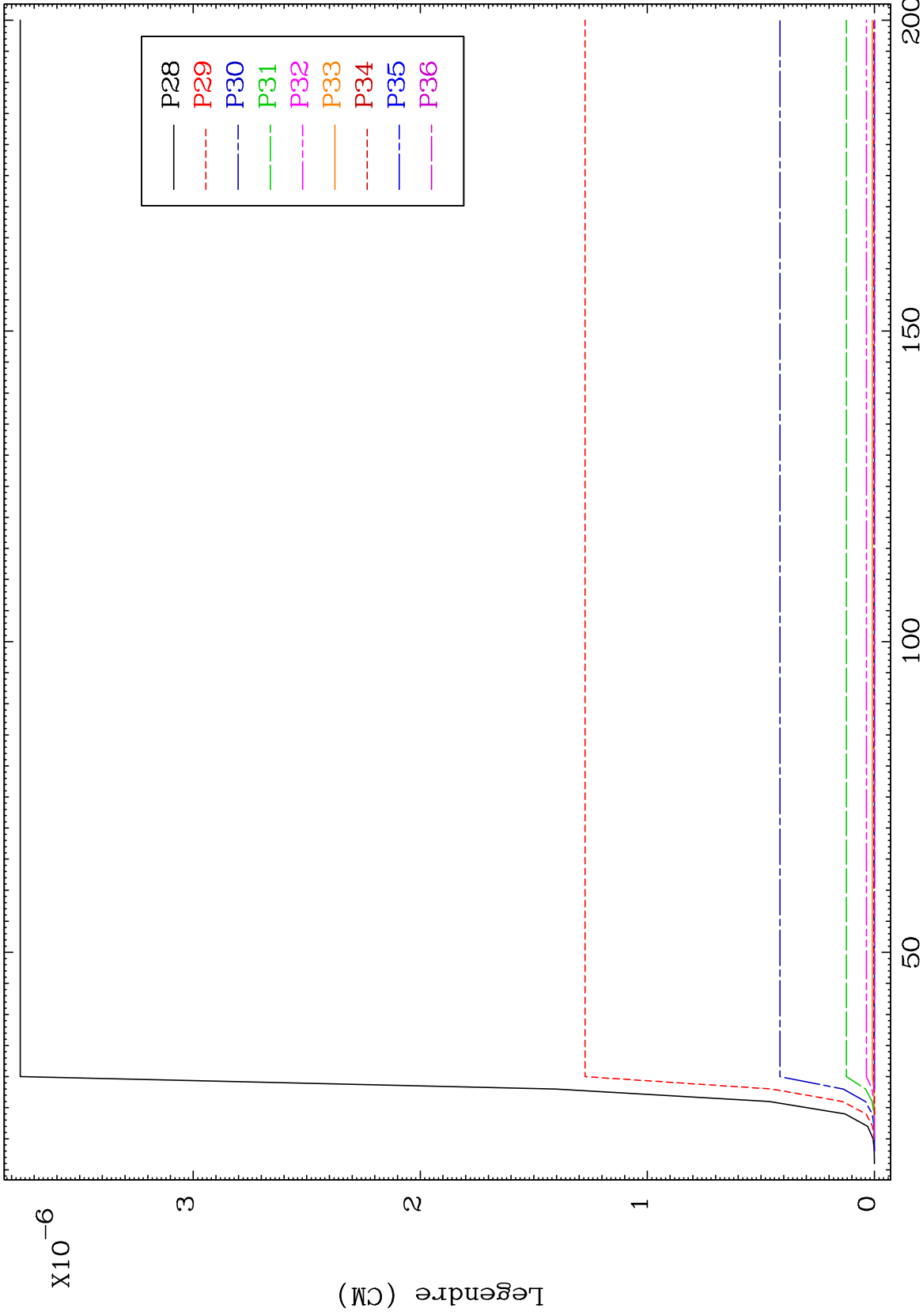
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



46

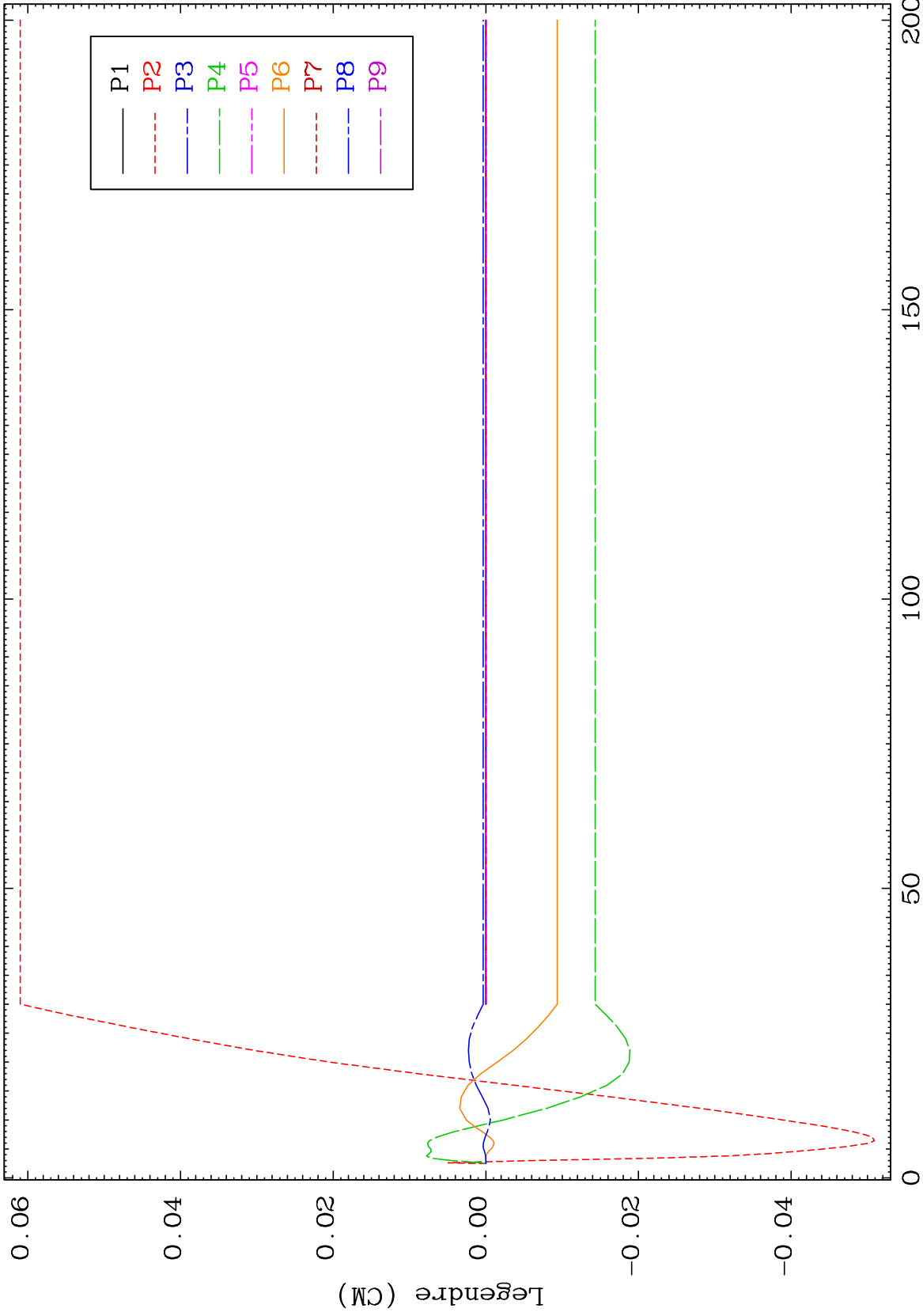
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



47

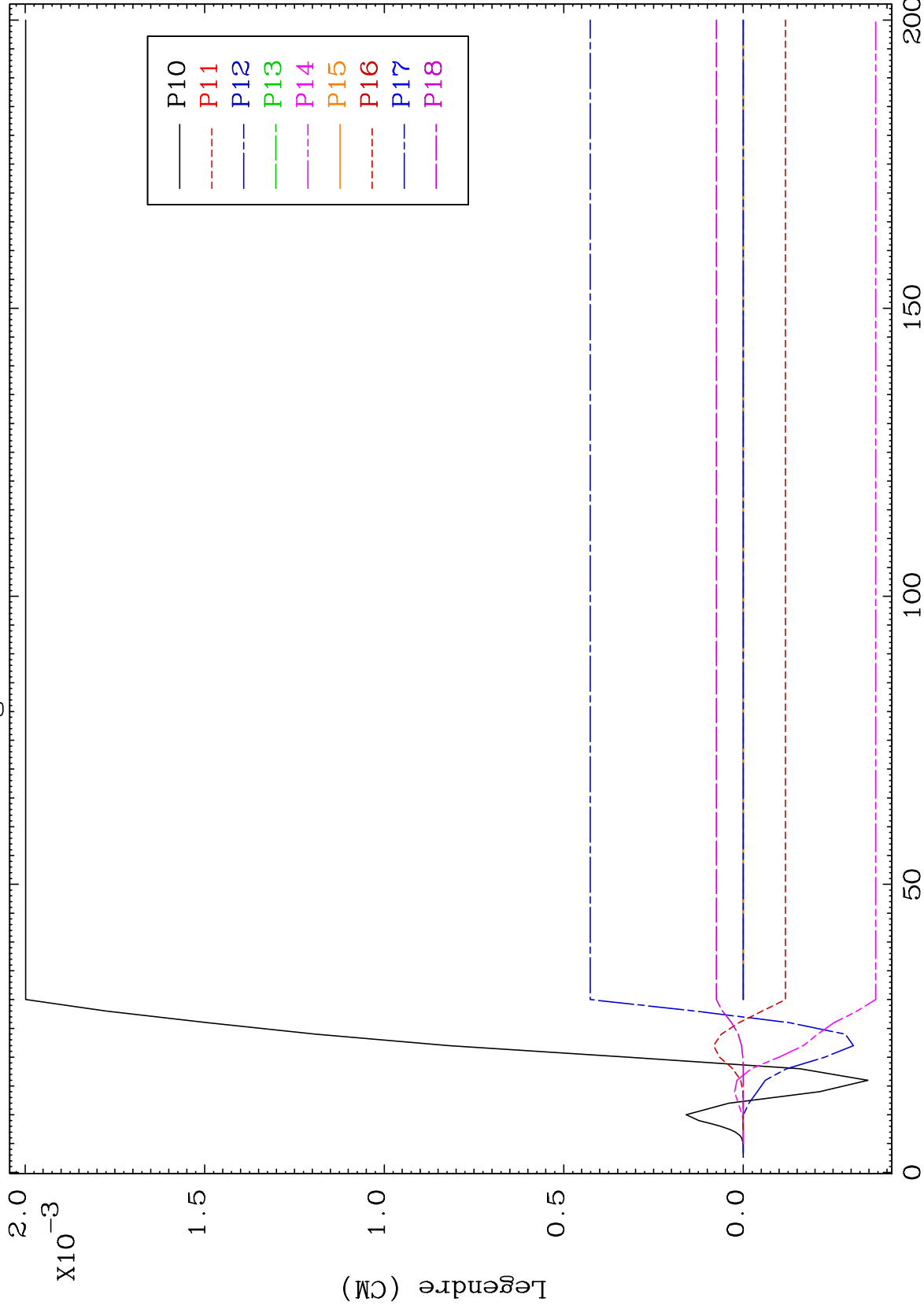
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



48

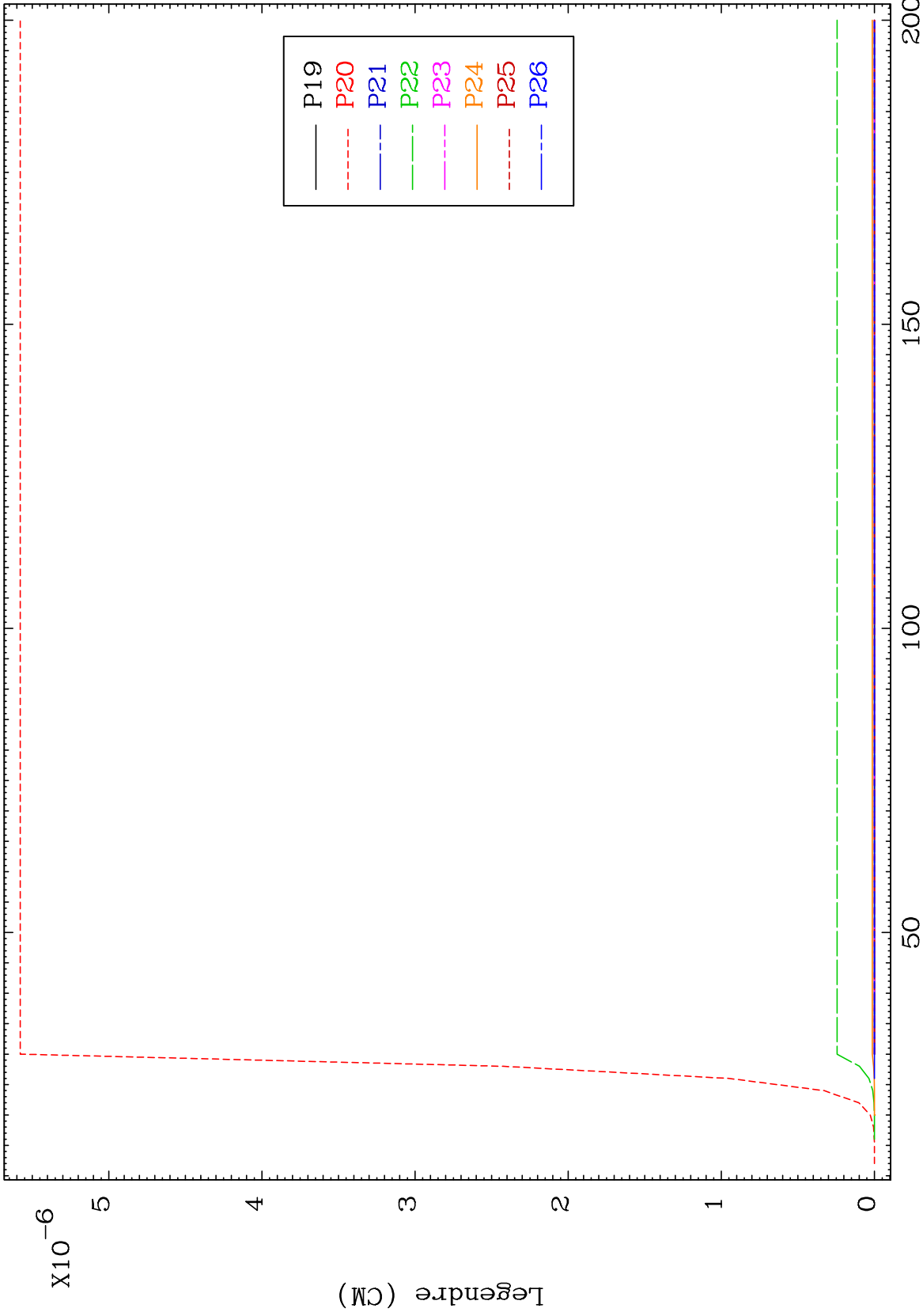
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



49

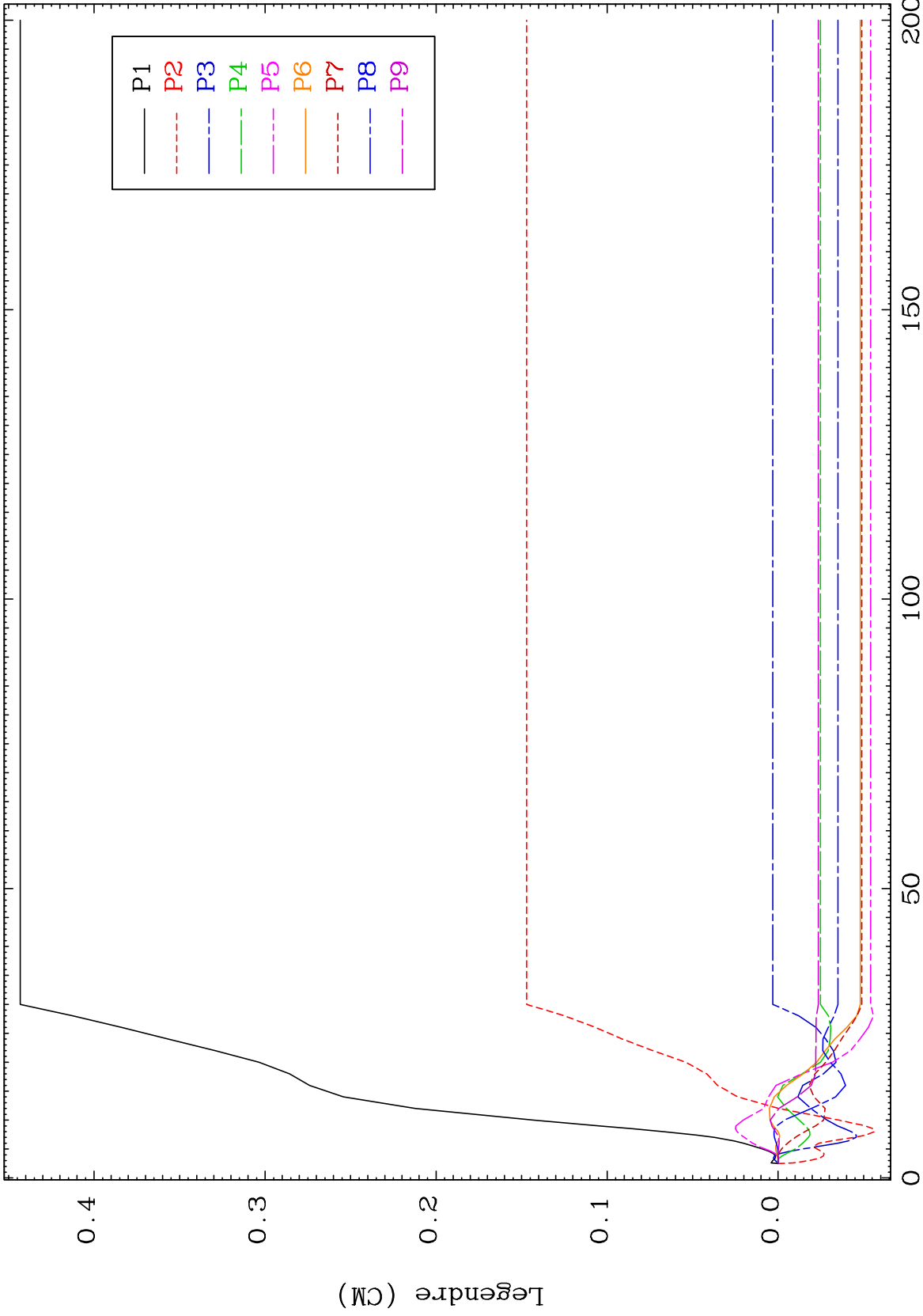
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

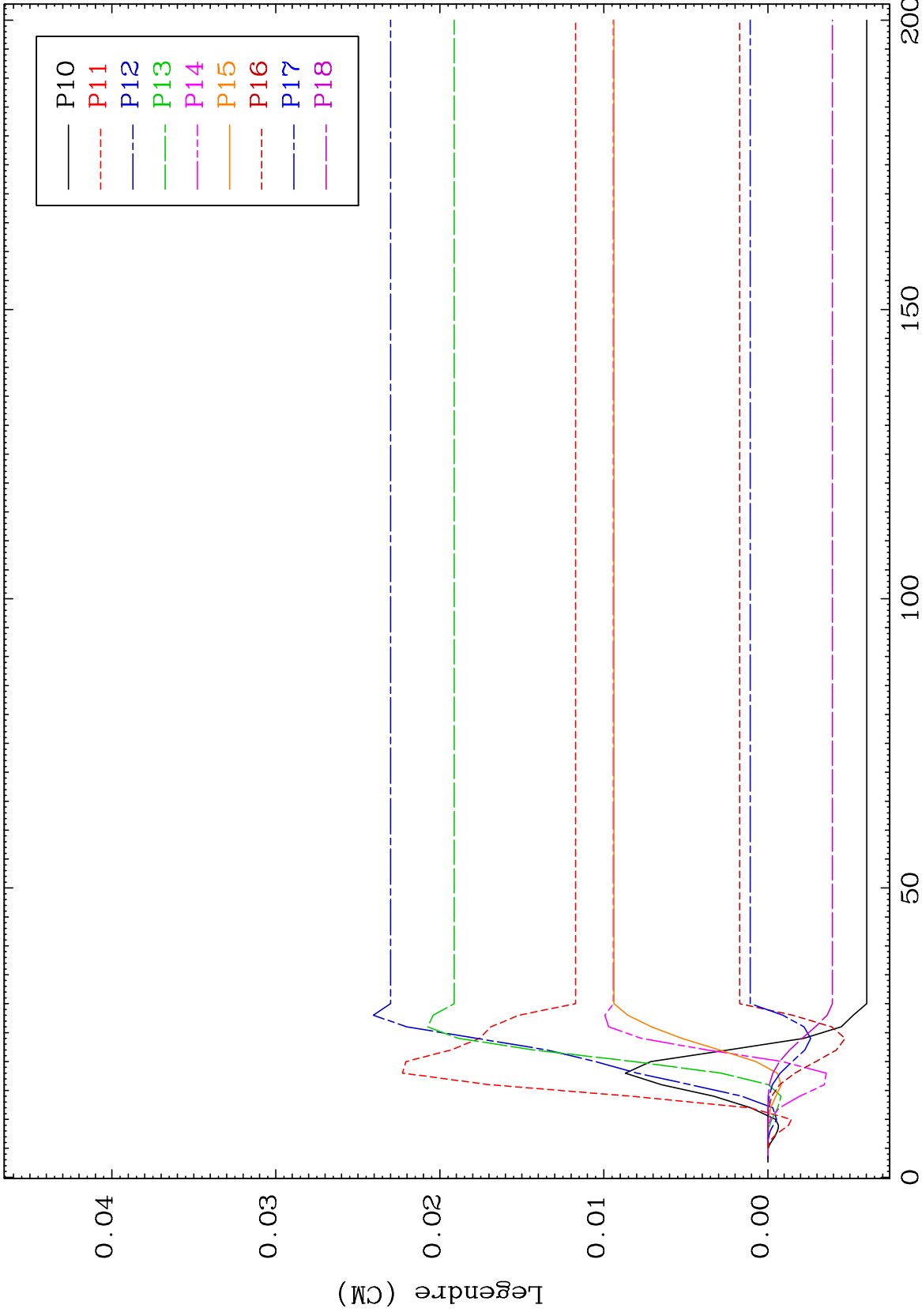
Incident Energy (MeV)

50

MAT 5461

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

54-Xe-136



51

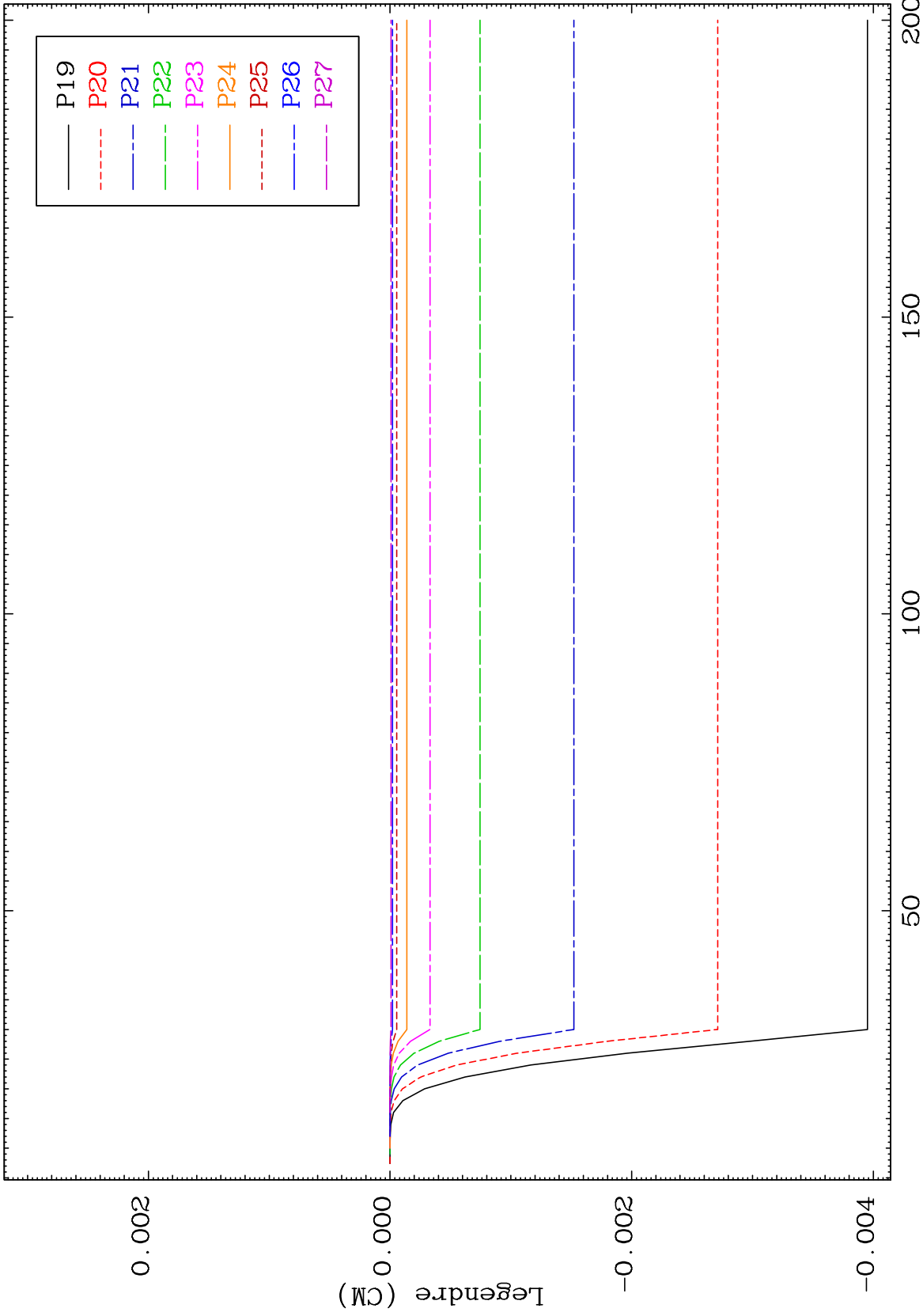
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



52

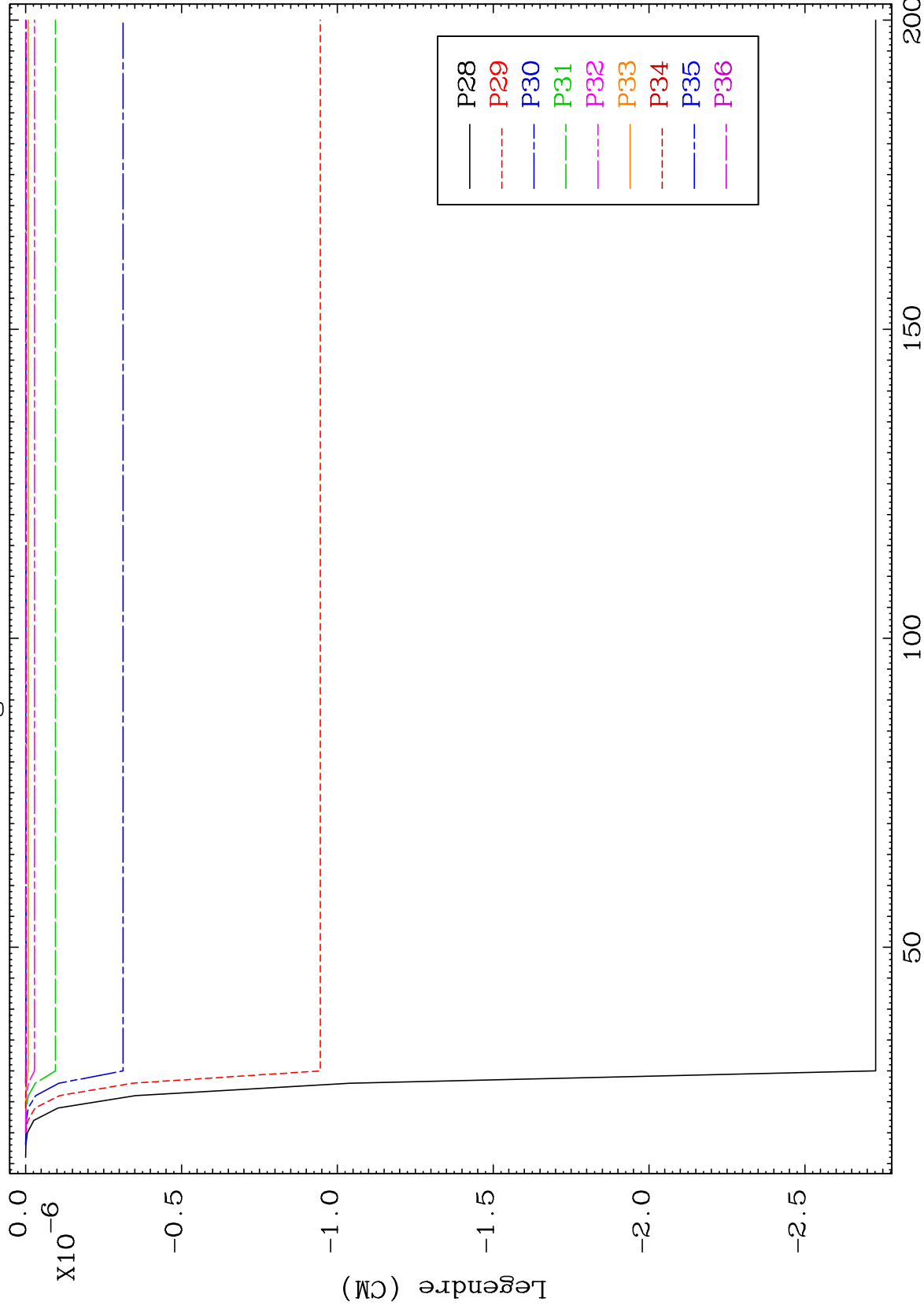
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



53

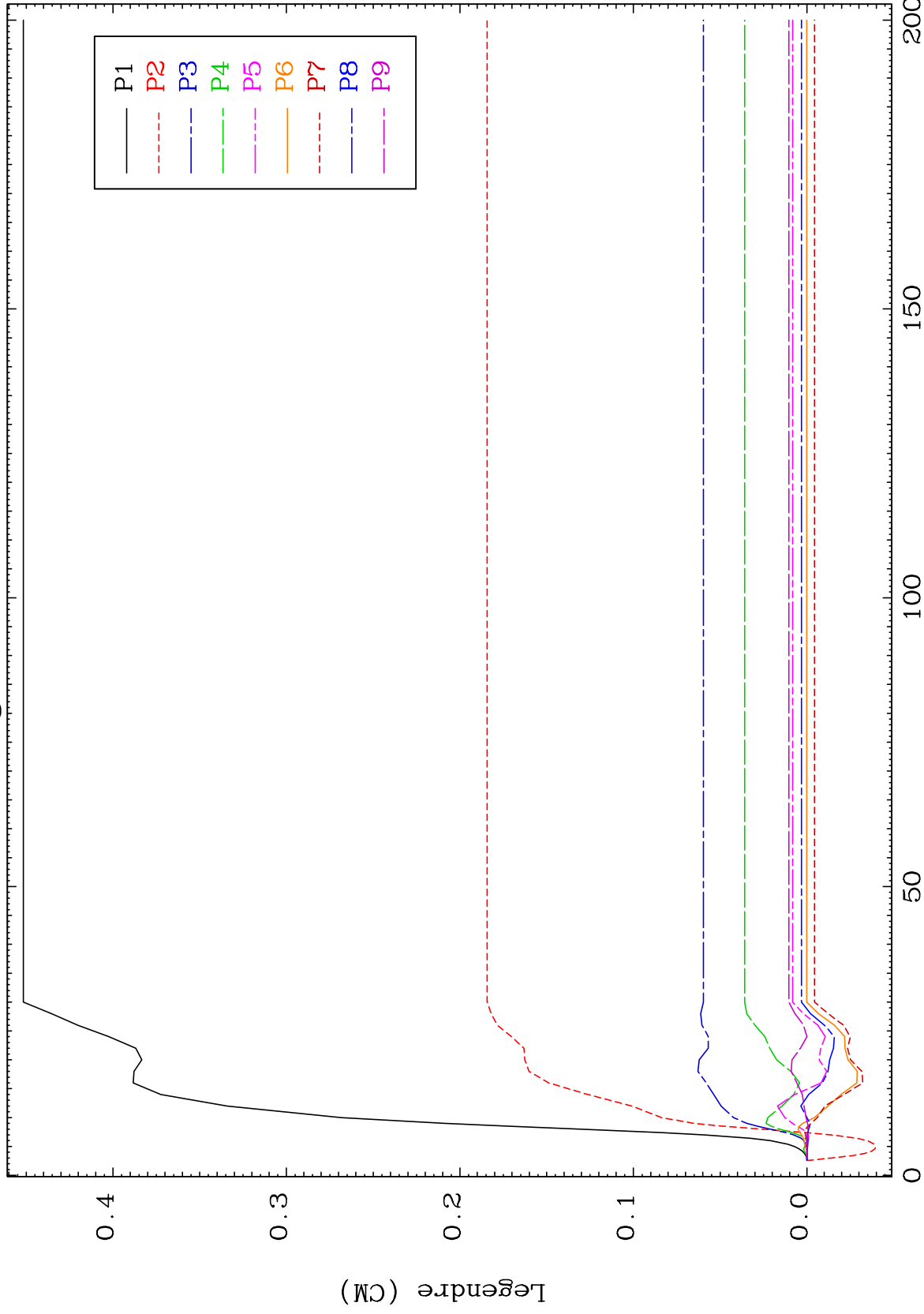
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54

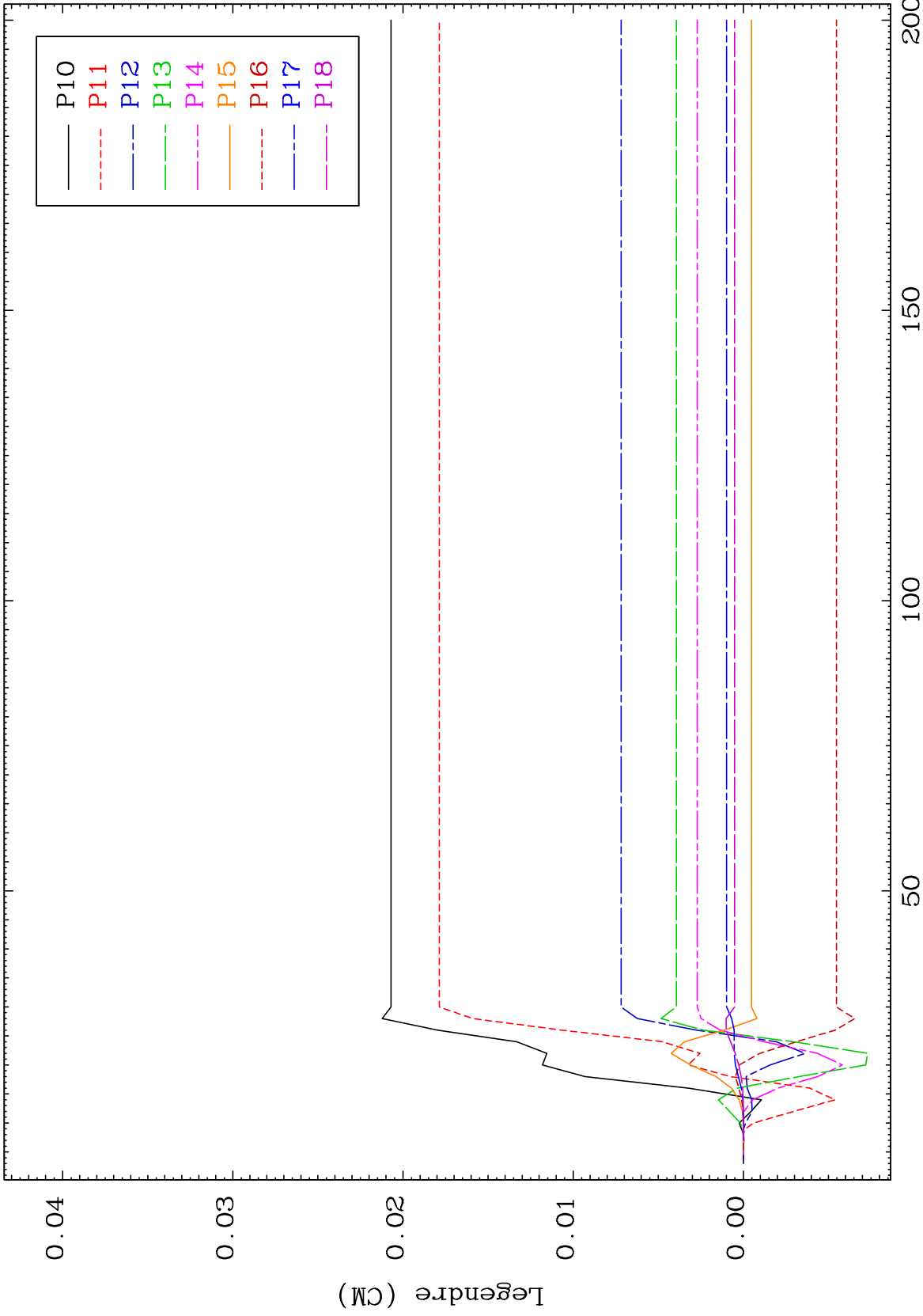
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



55

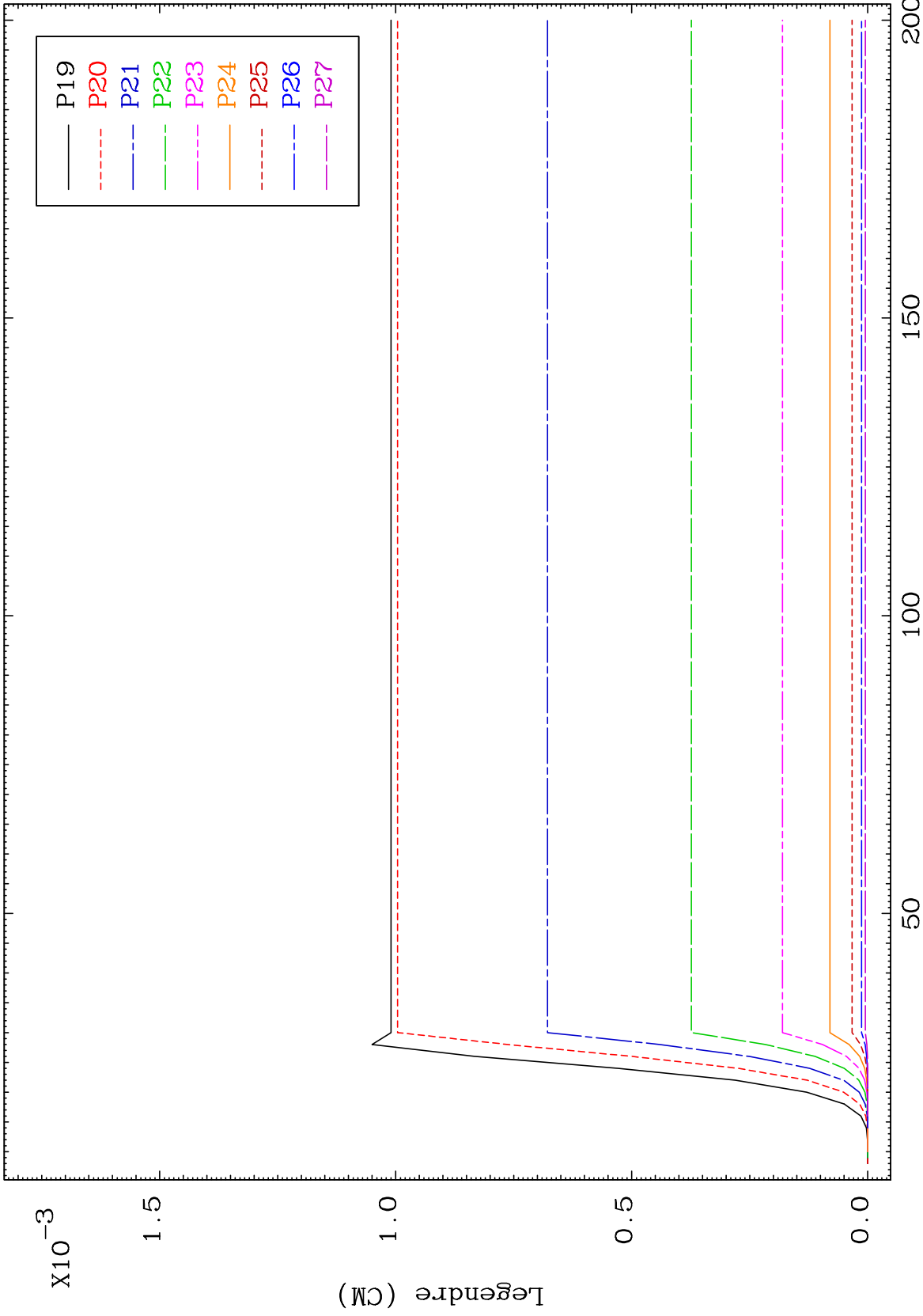
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



56

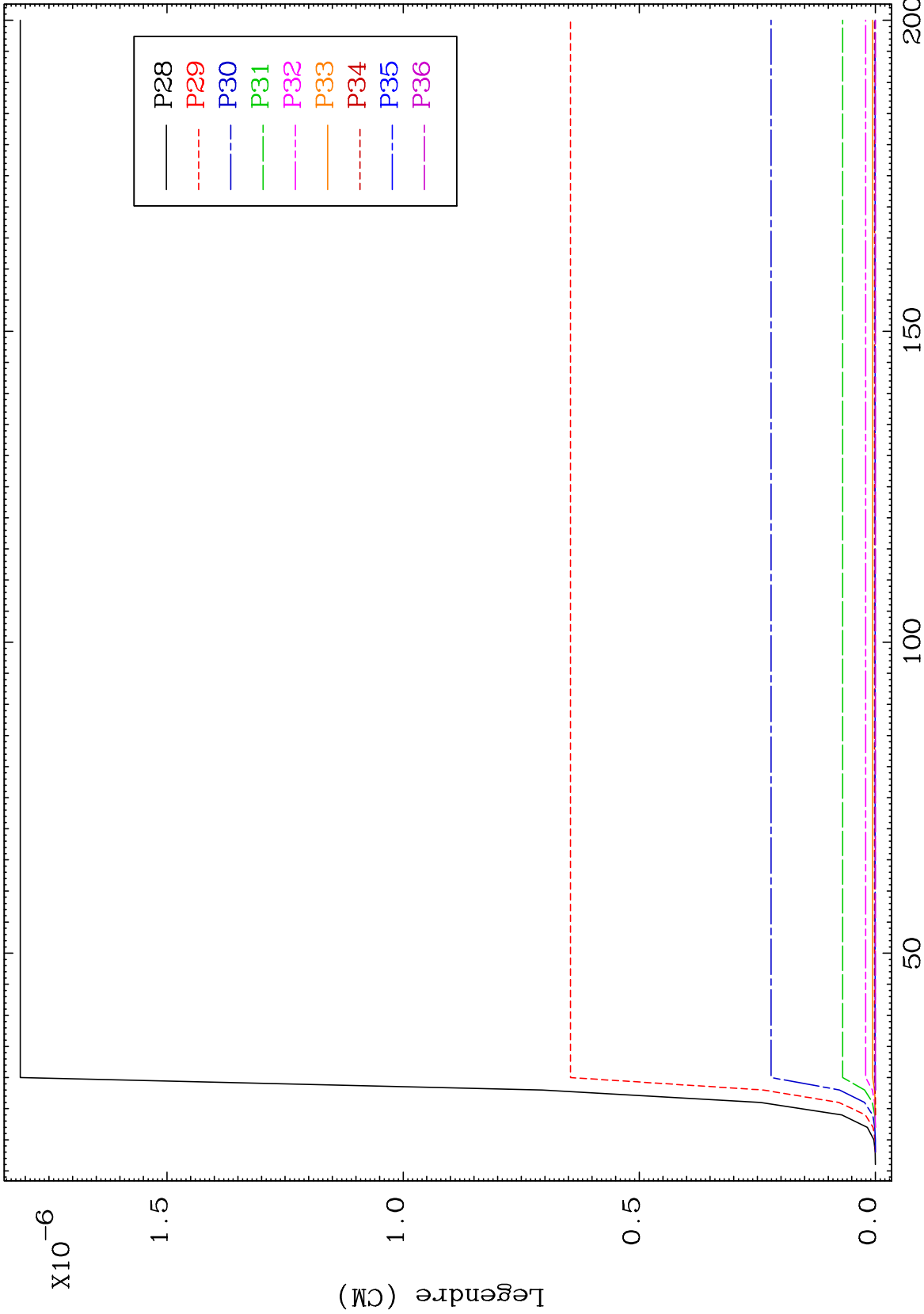
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



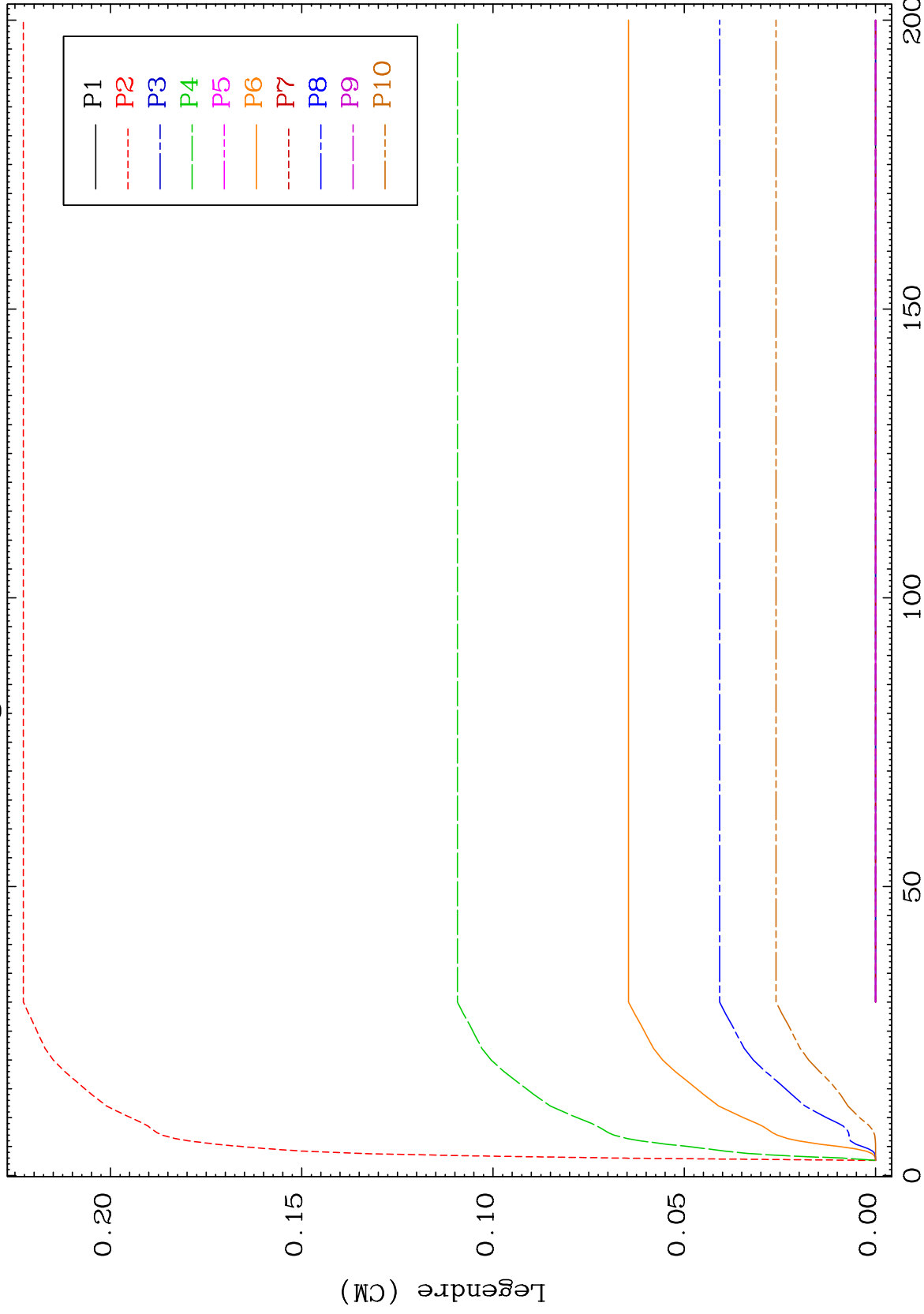
57

54-Xe-136

MAT 5461

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

54-Xe-136



58

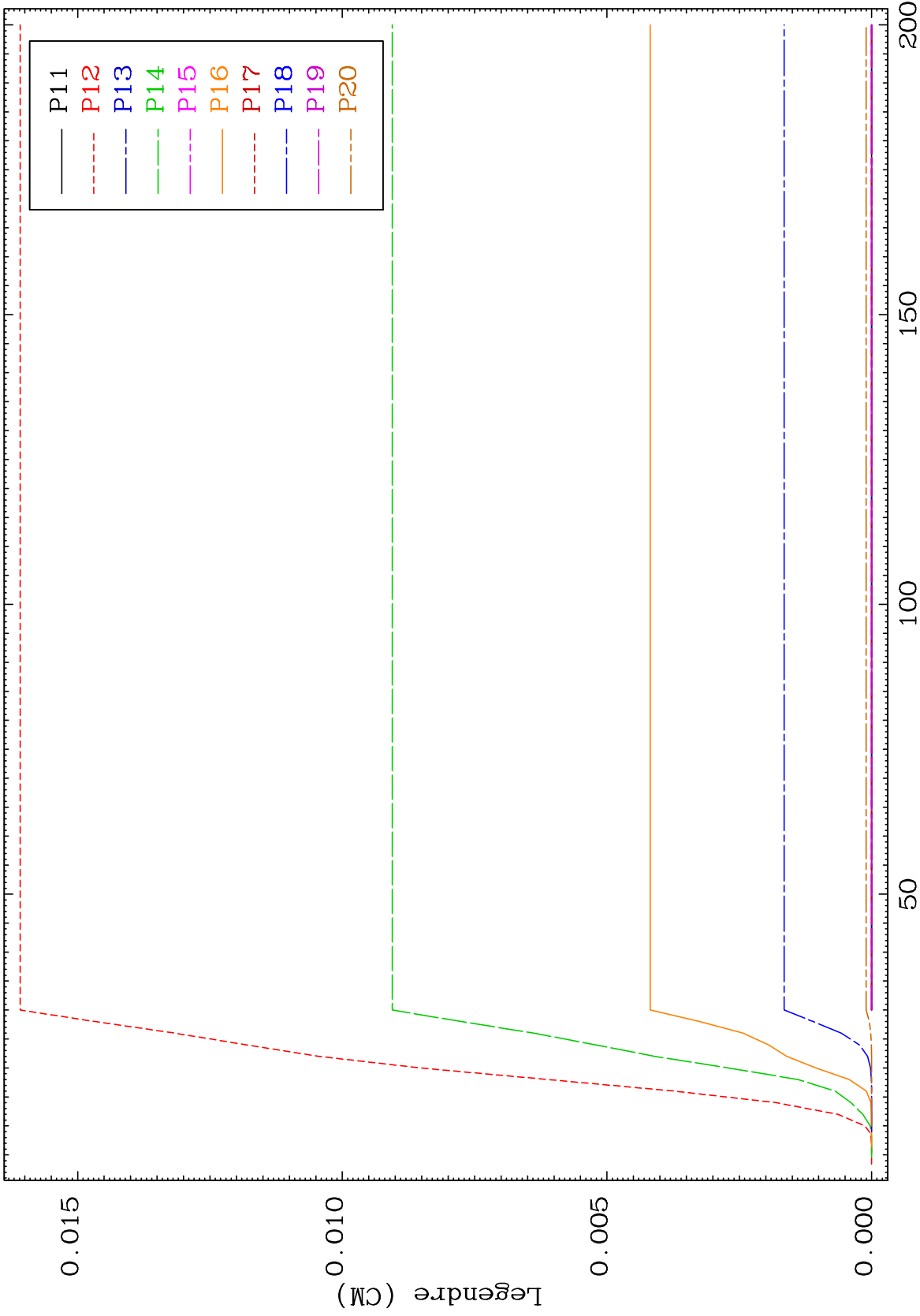
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



59

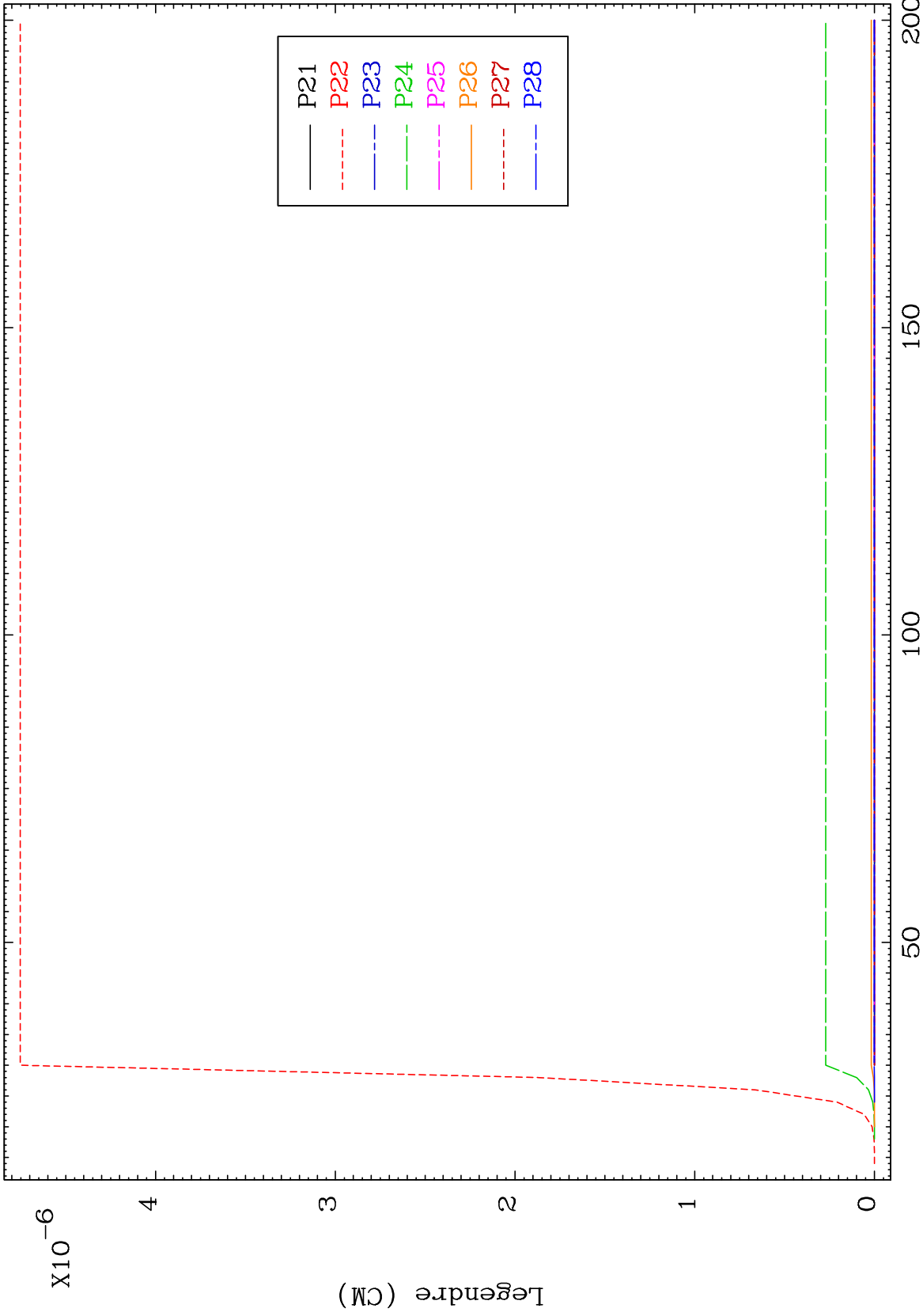
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

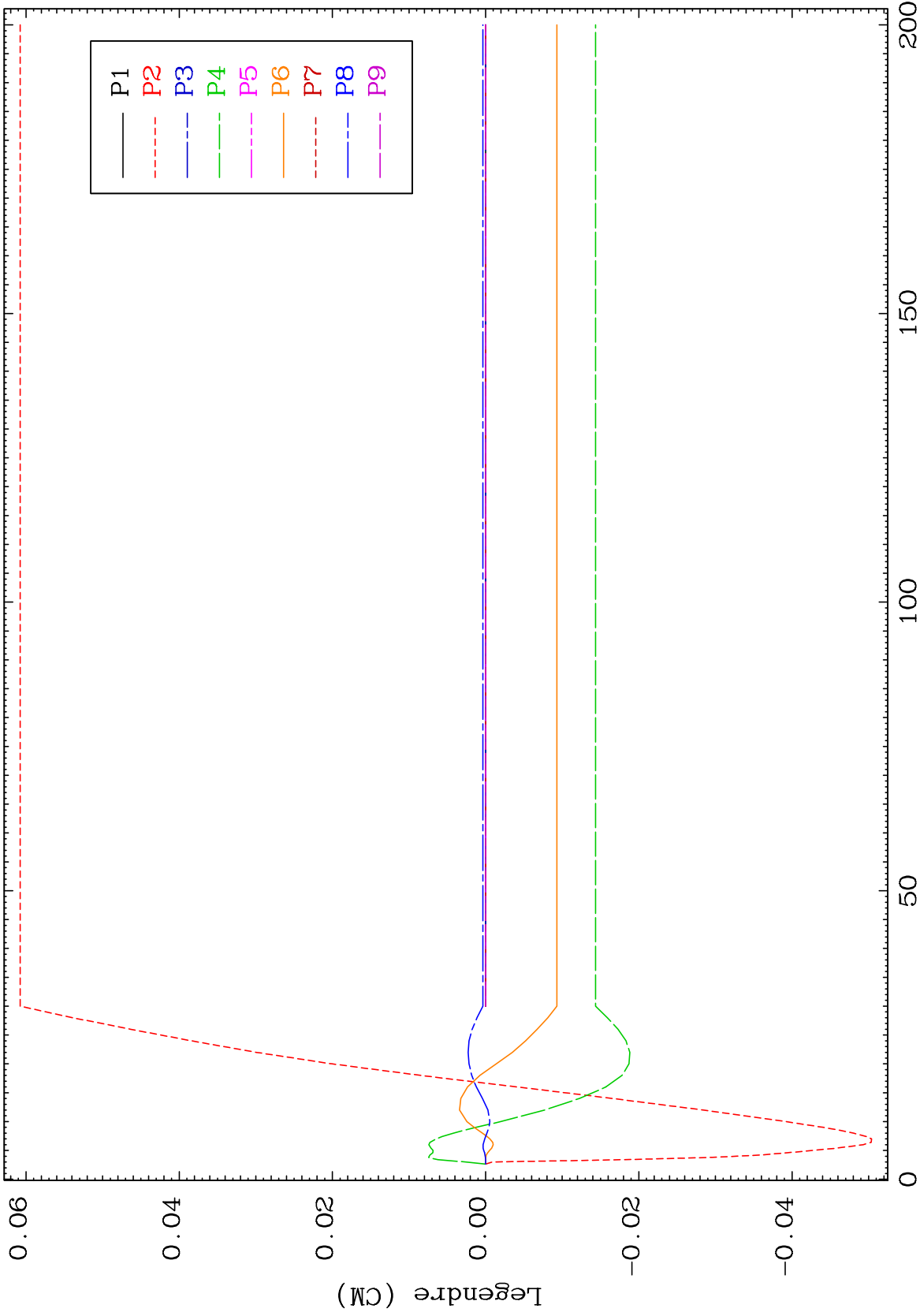
Incident Energy (MeV)

60

MAT 5461

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

54-Xe-136



61

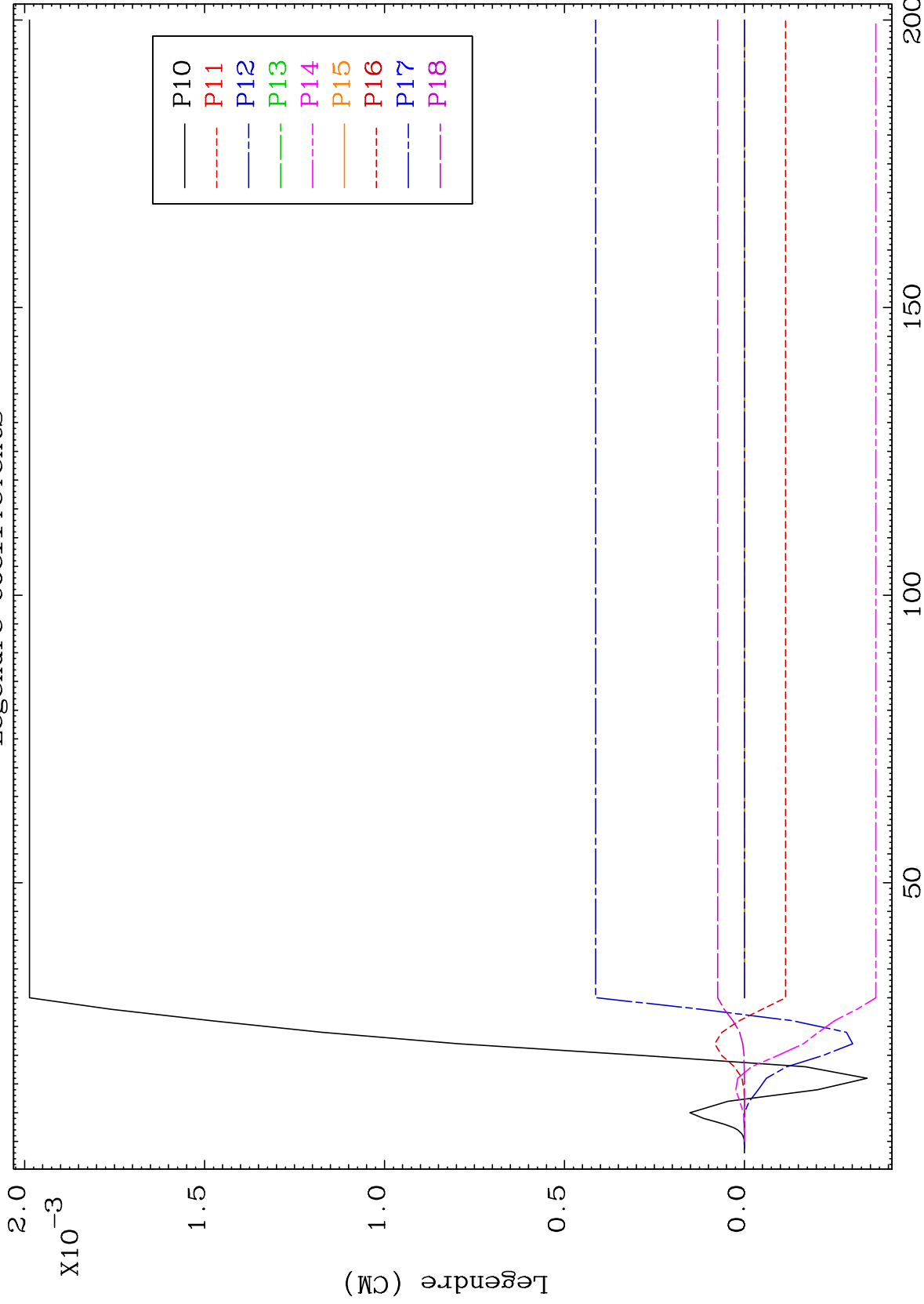
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



62

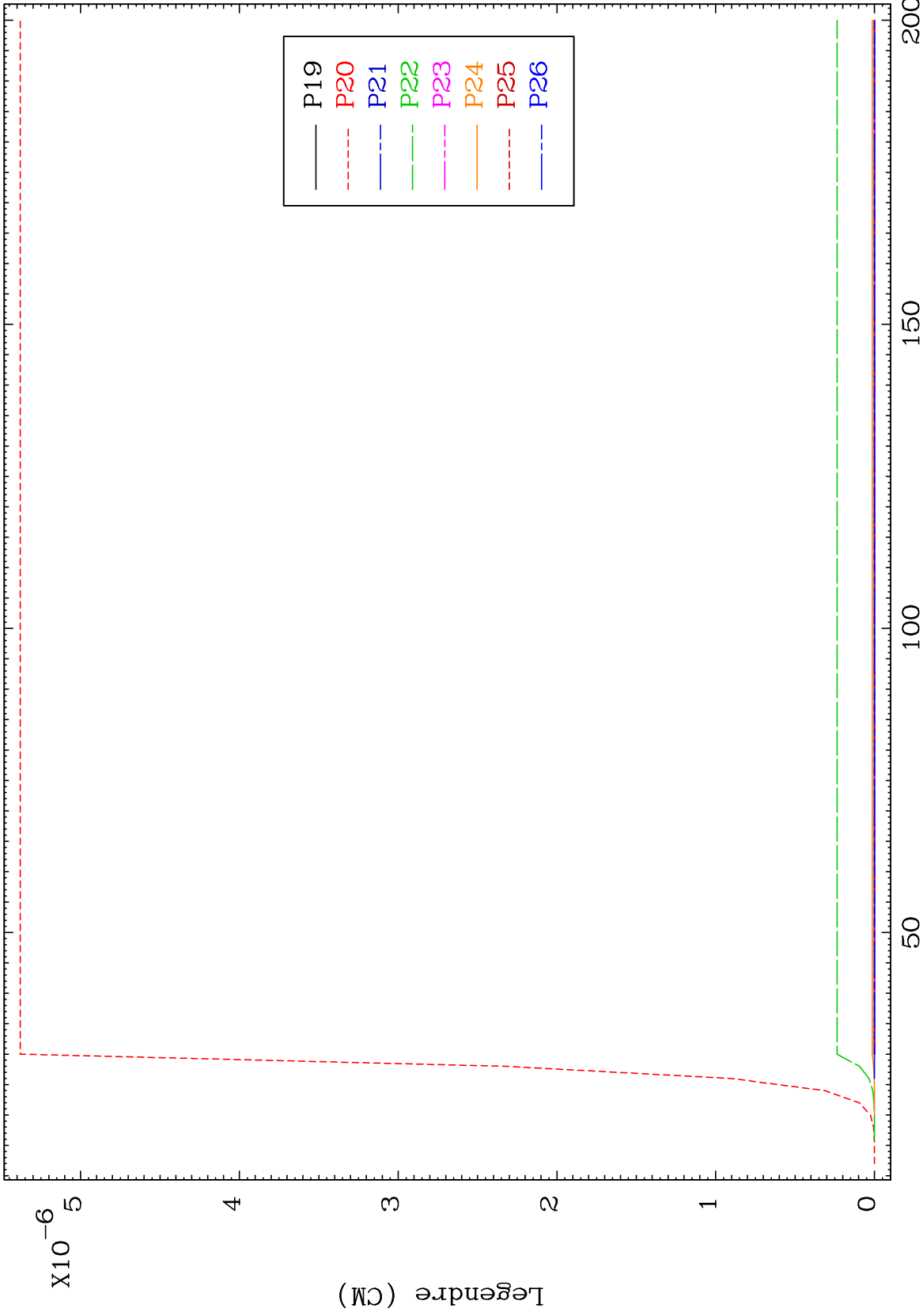
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



63

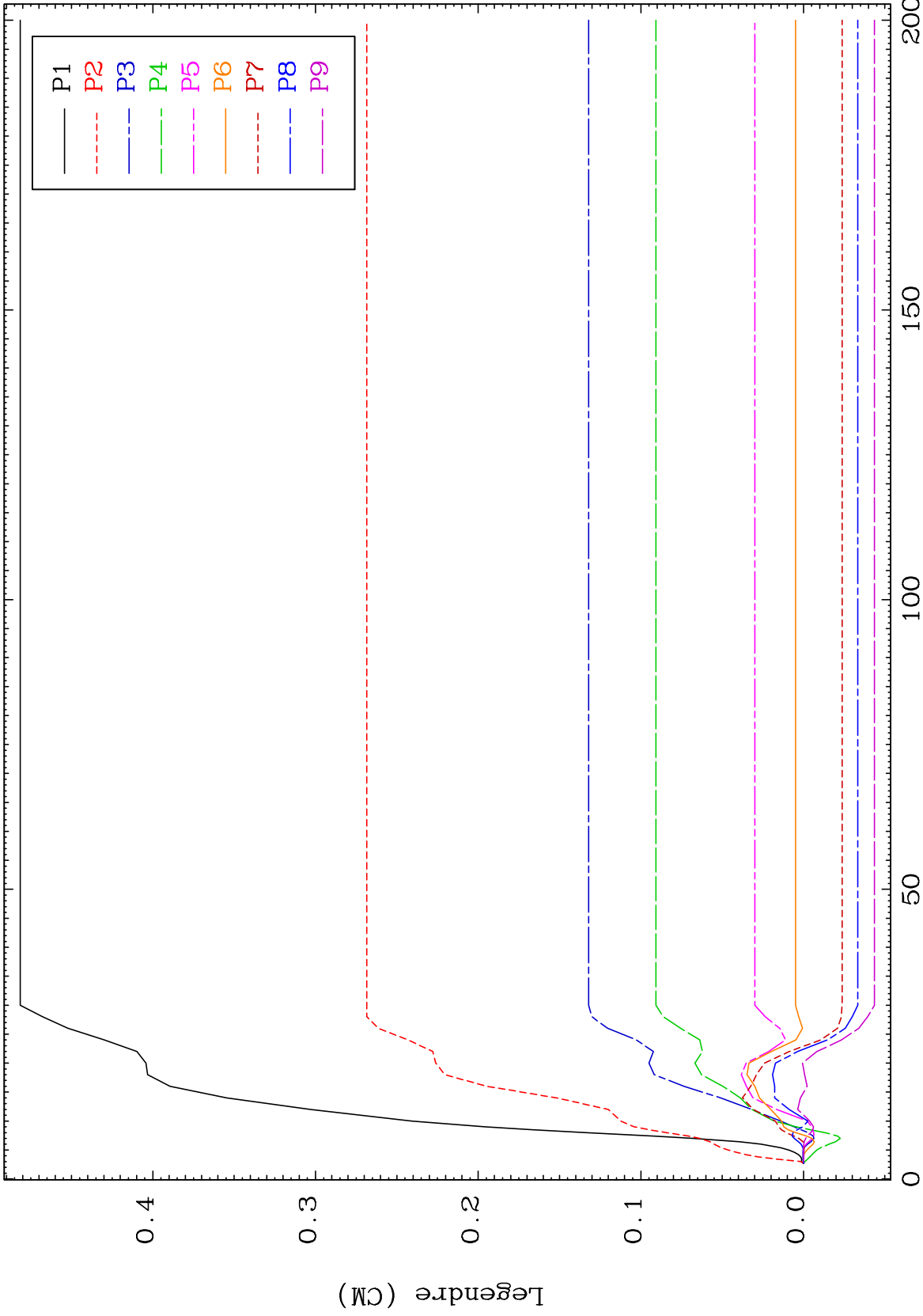
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



64

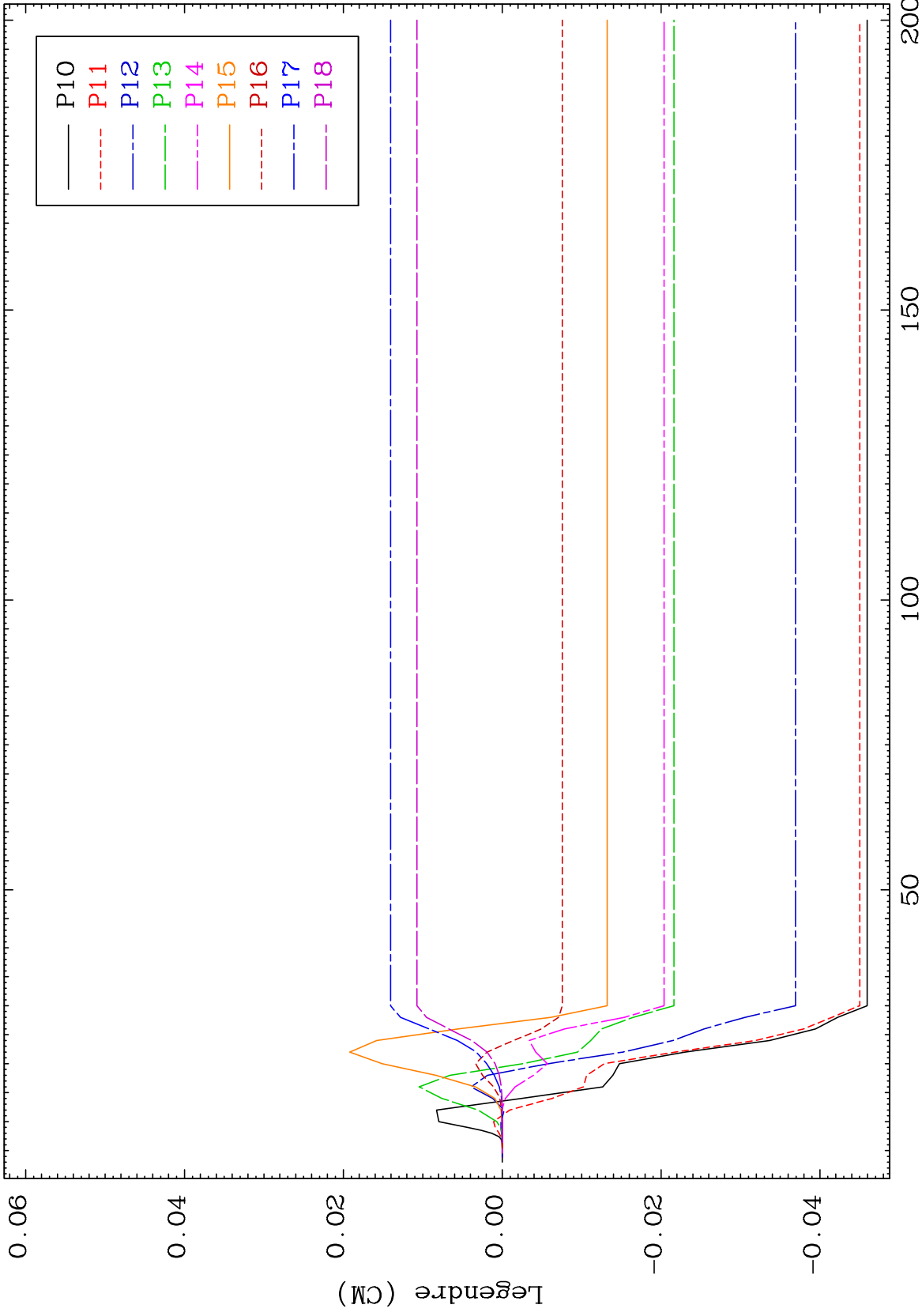
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



65

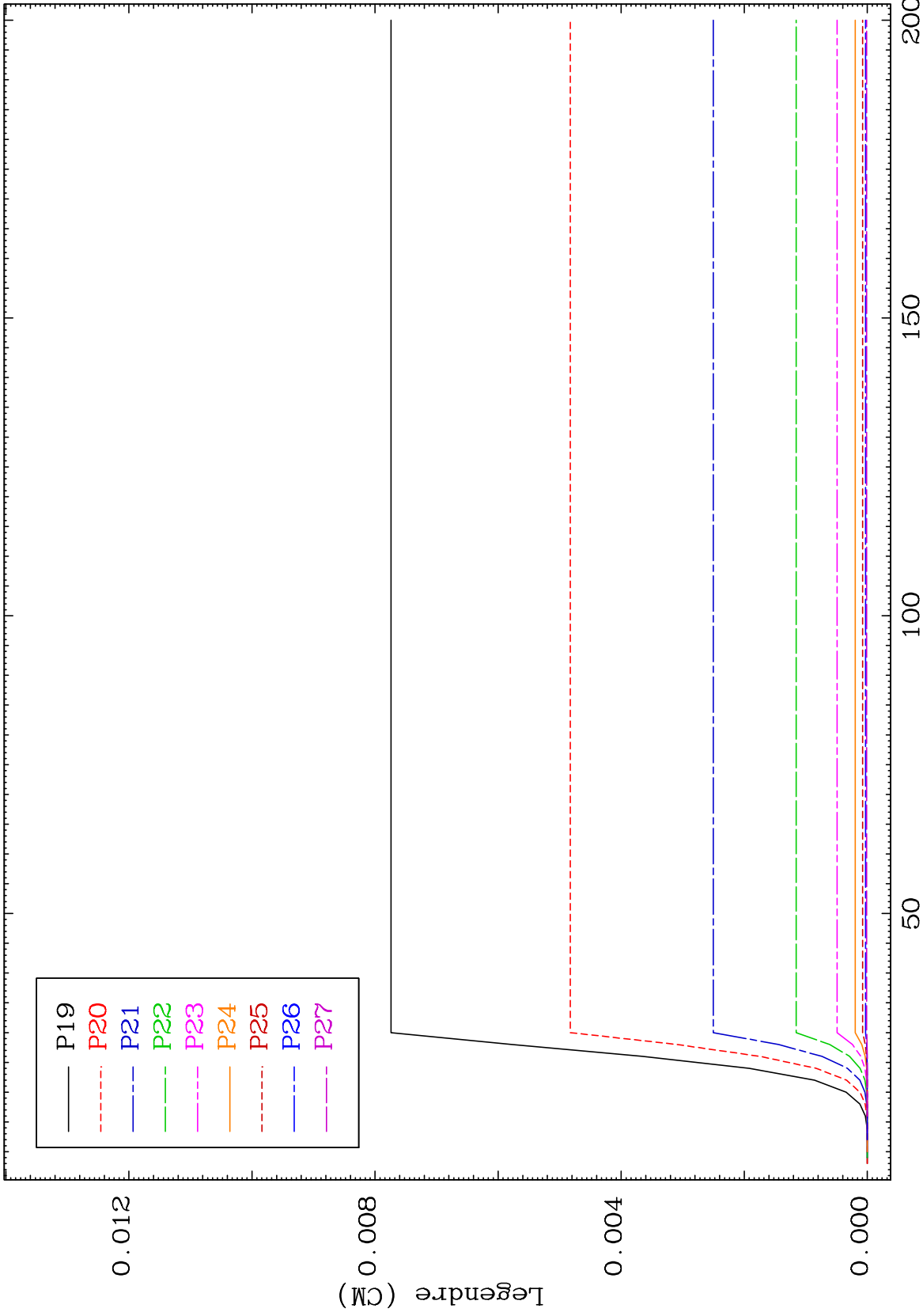
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



66

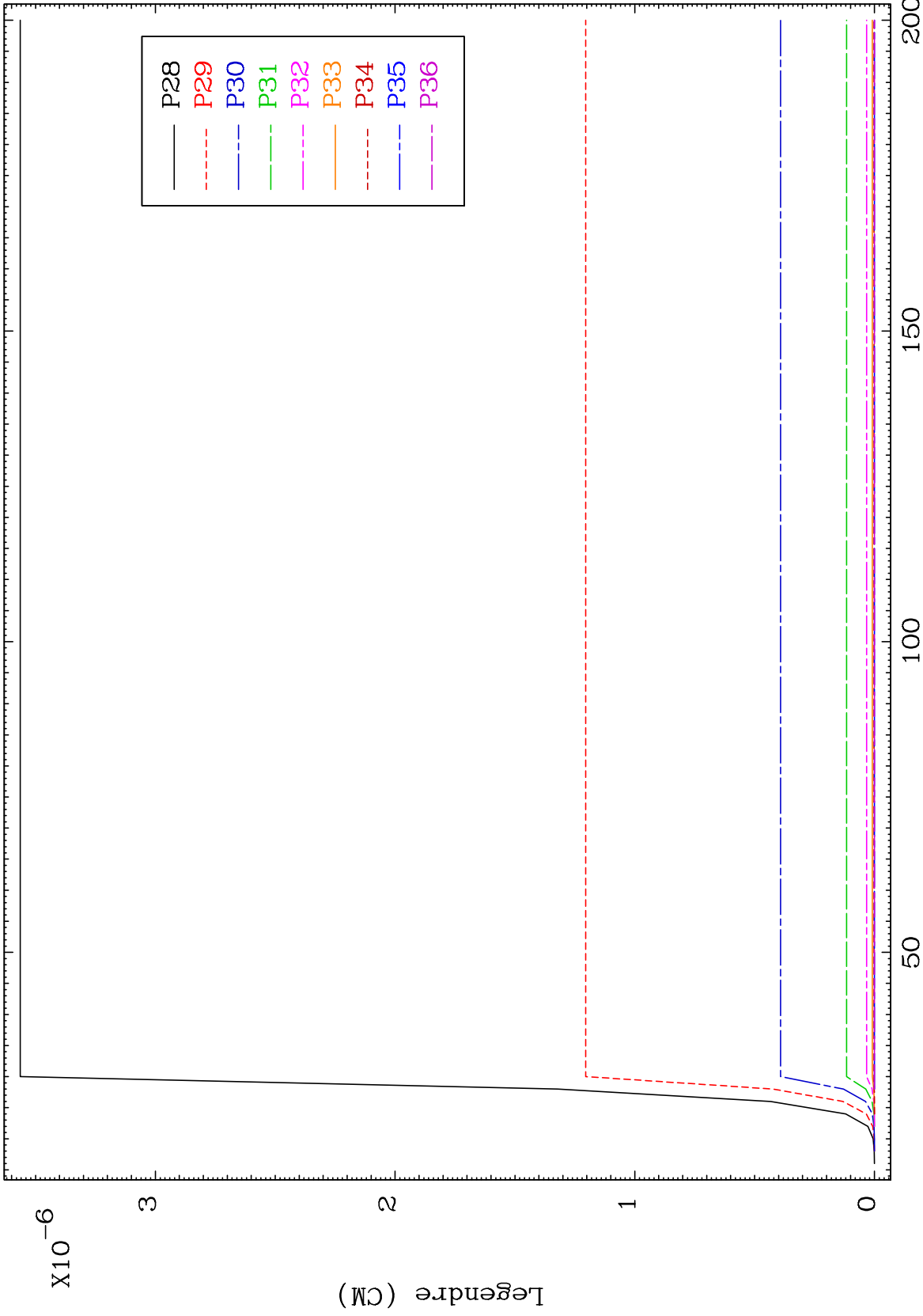
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



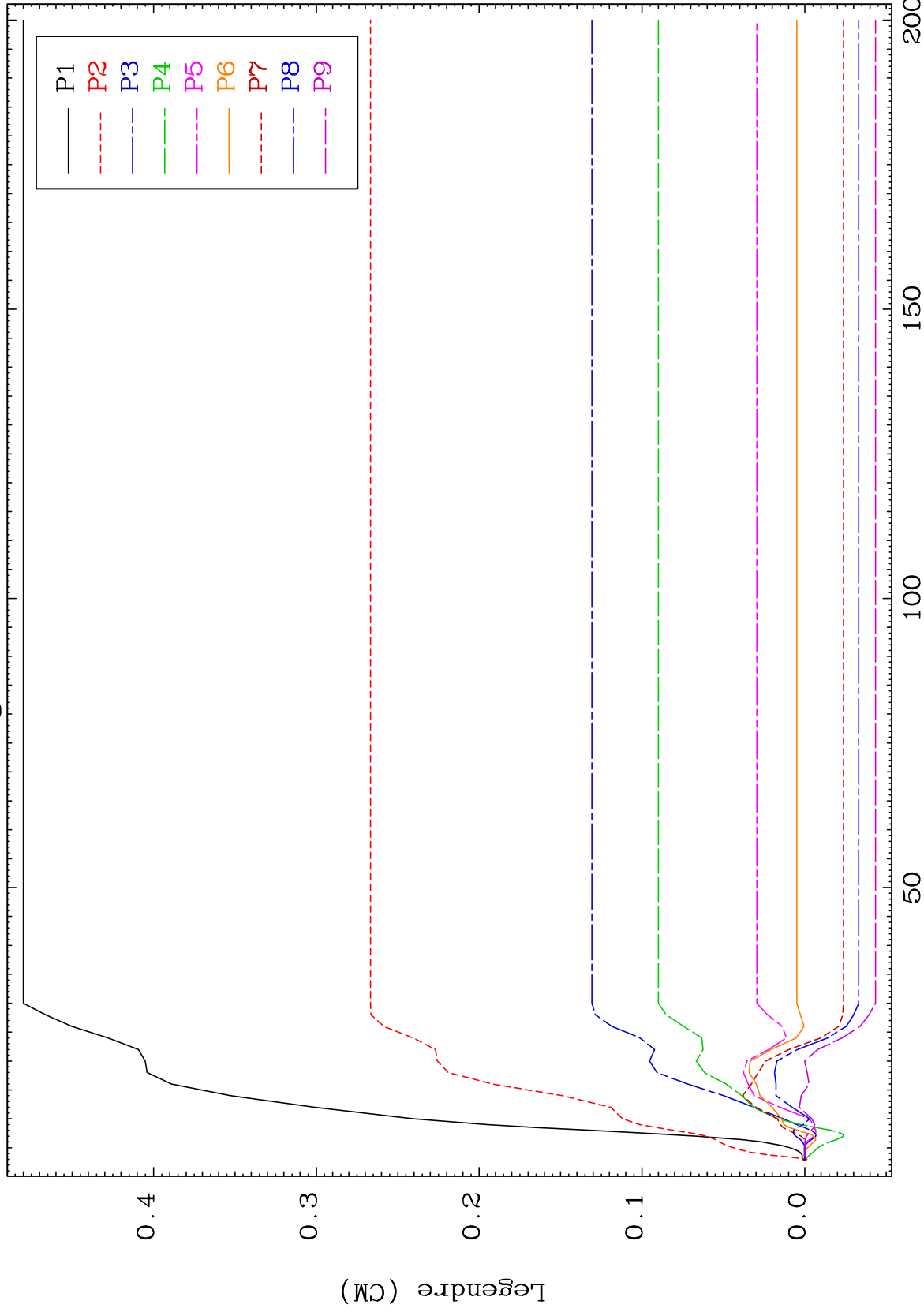
67

54-Xe-136

MAT 5461

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

54-Xe-136



68

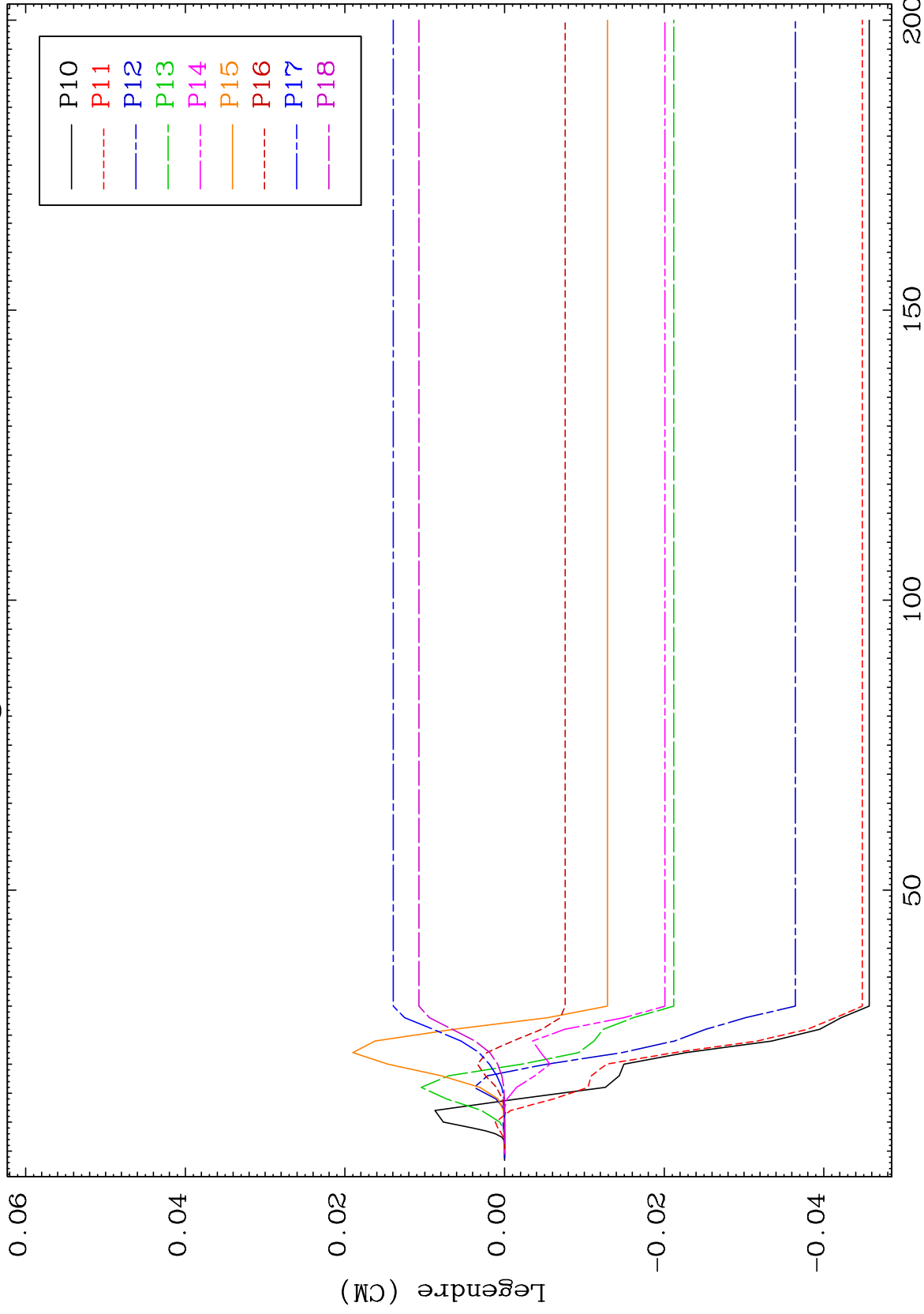
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



69

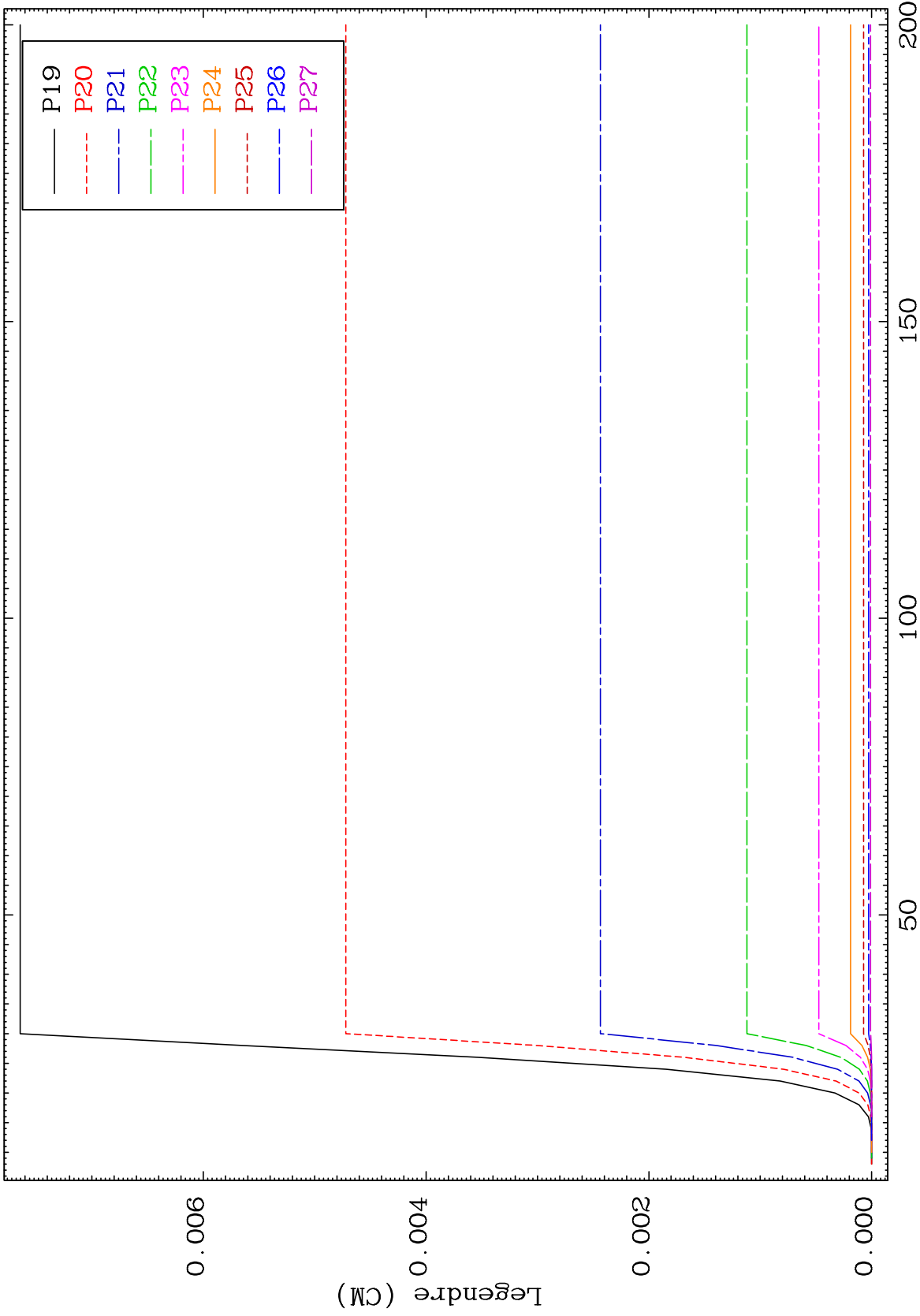
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



70

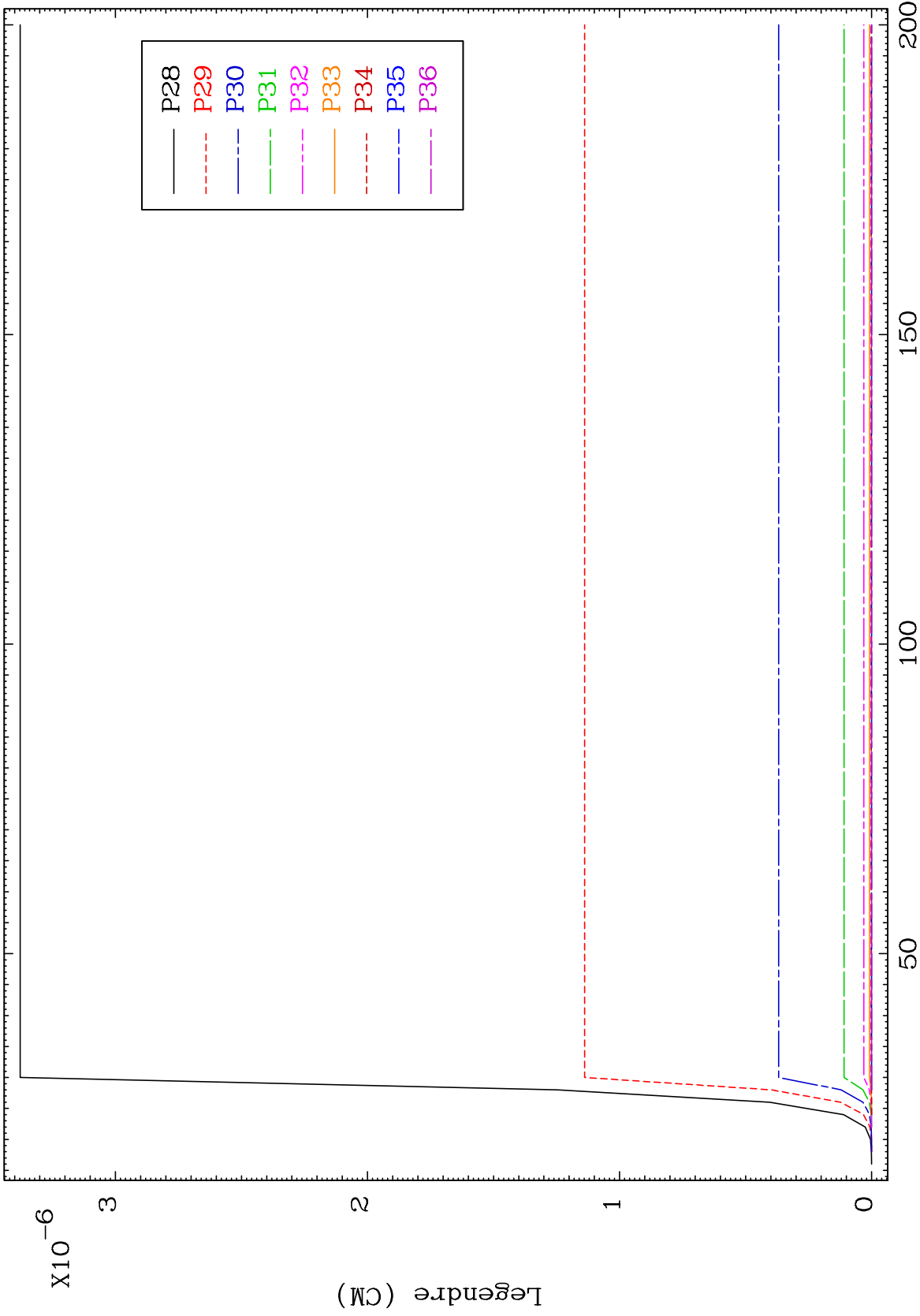
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



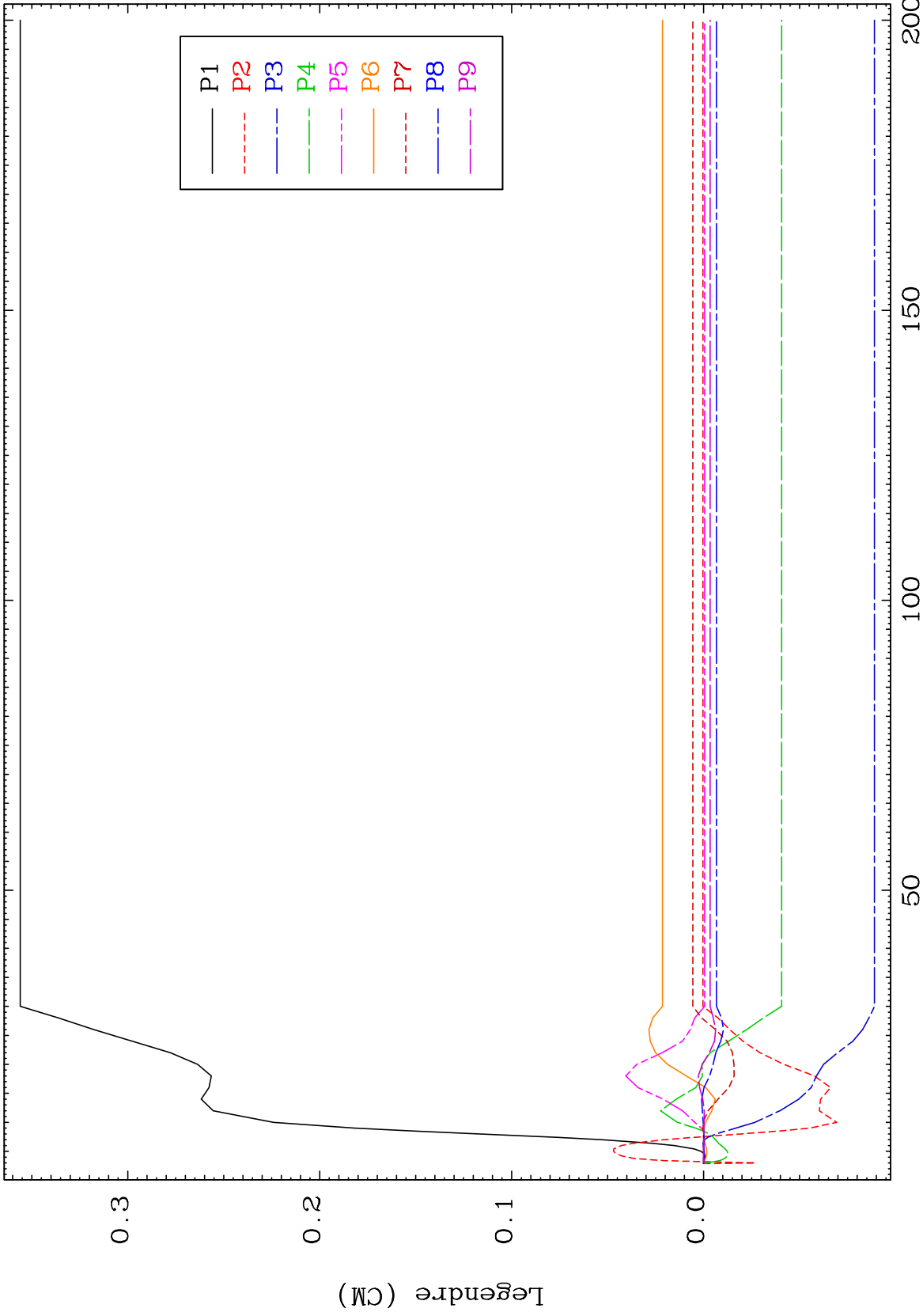
71

54-Xe-136

MAT 5461

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

54-Xe-136



72

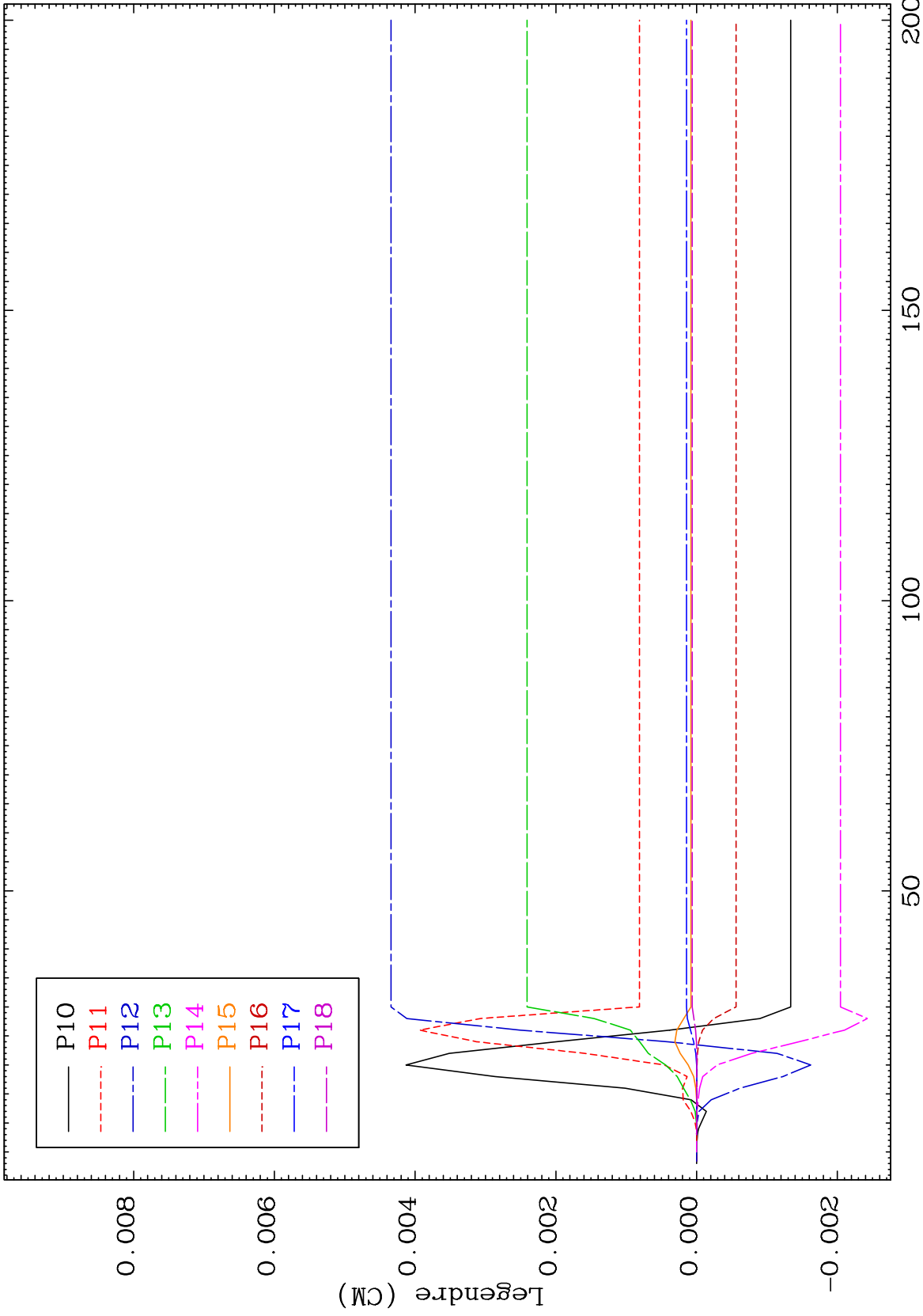
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



73

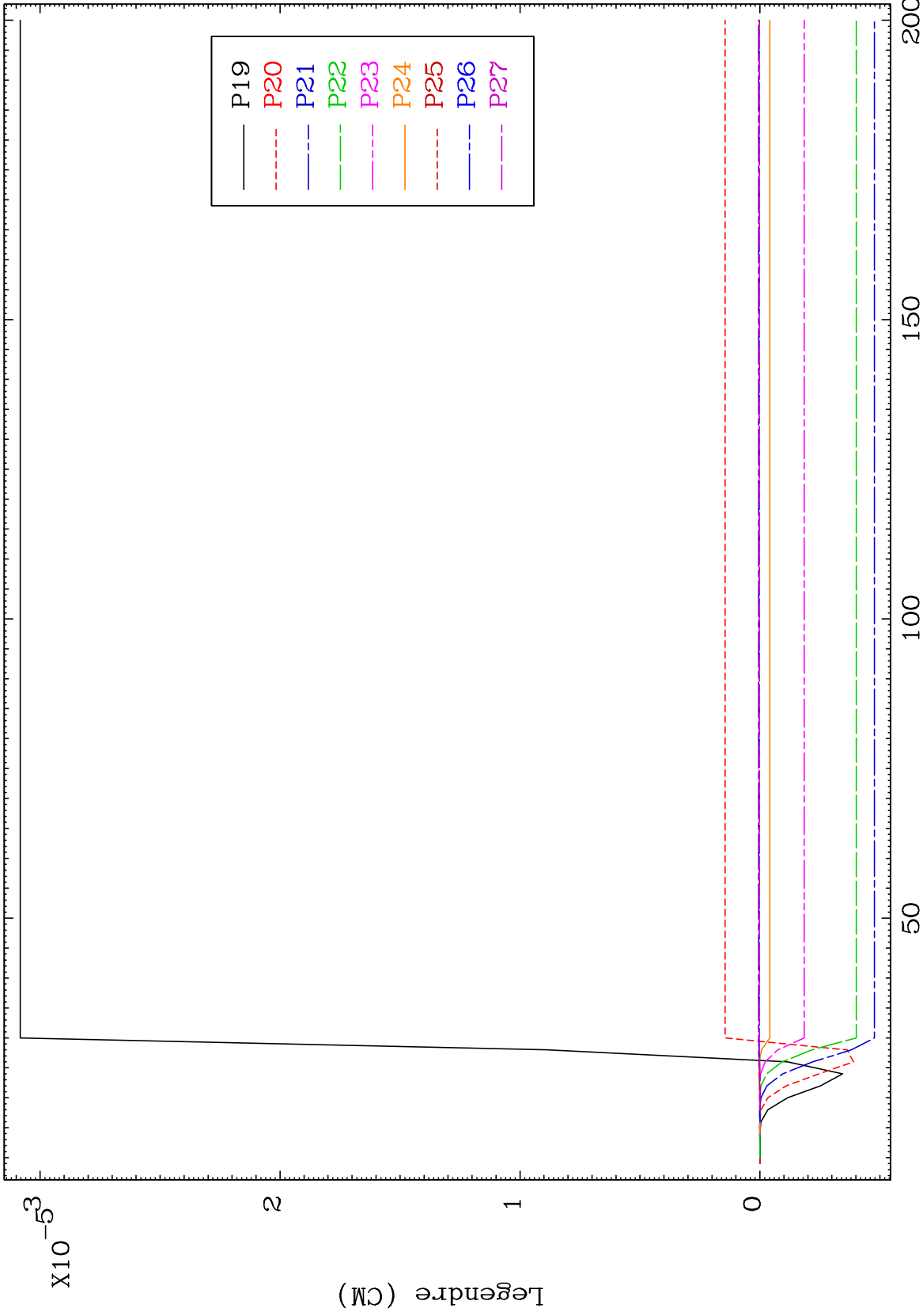
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



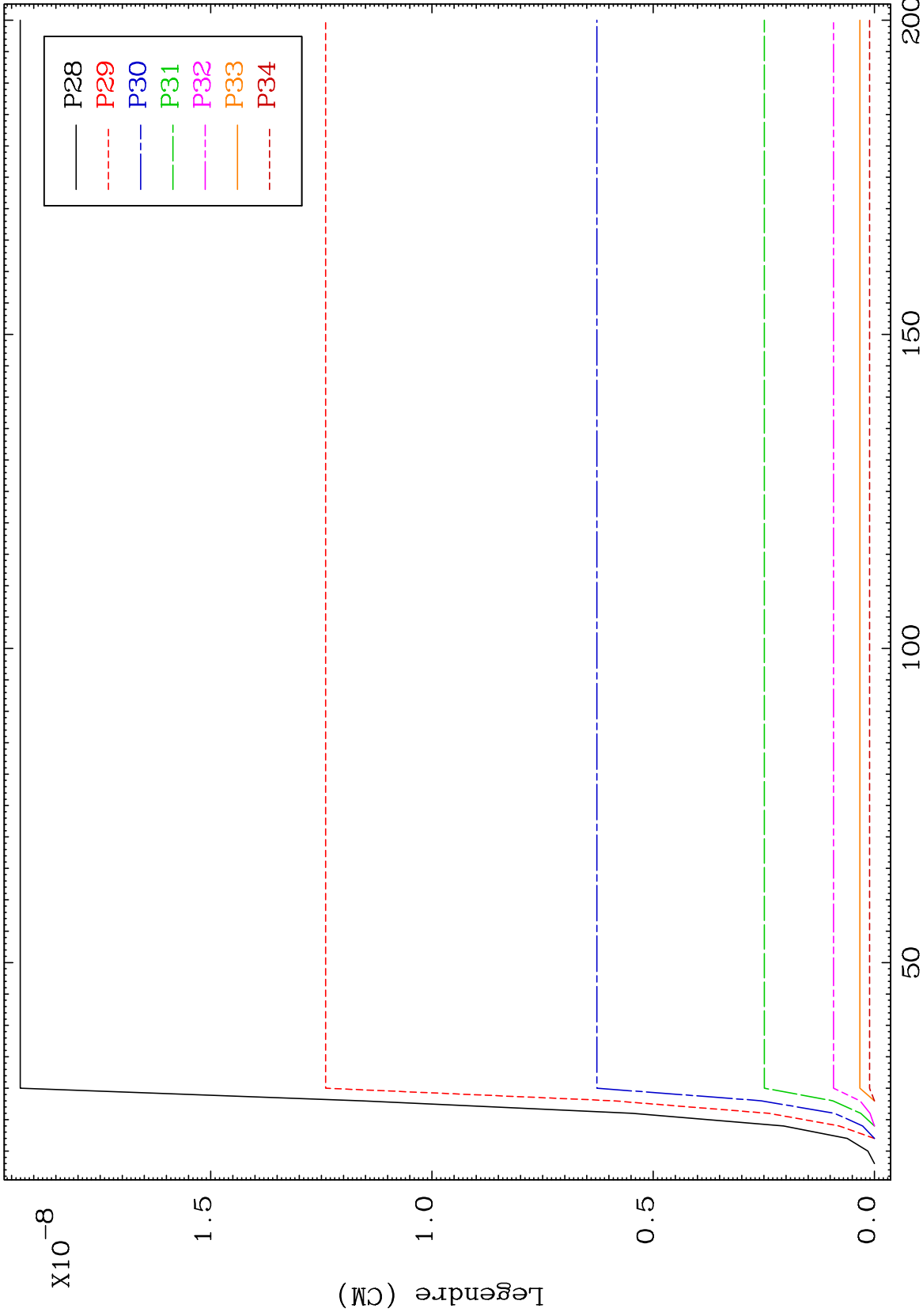
74

54-Xe-136

MAT 5461

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

54-Xe-136



75

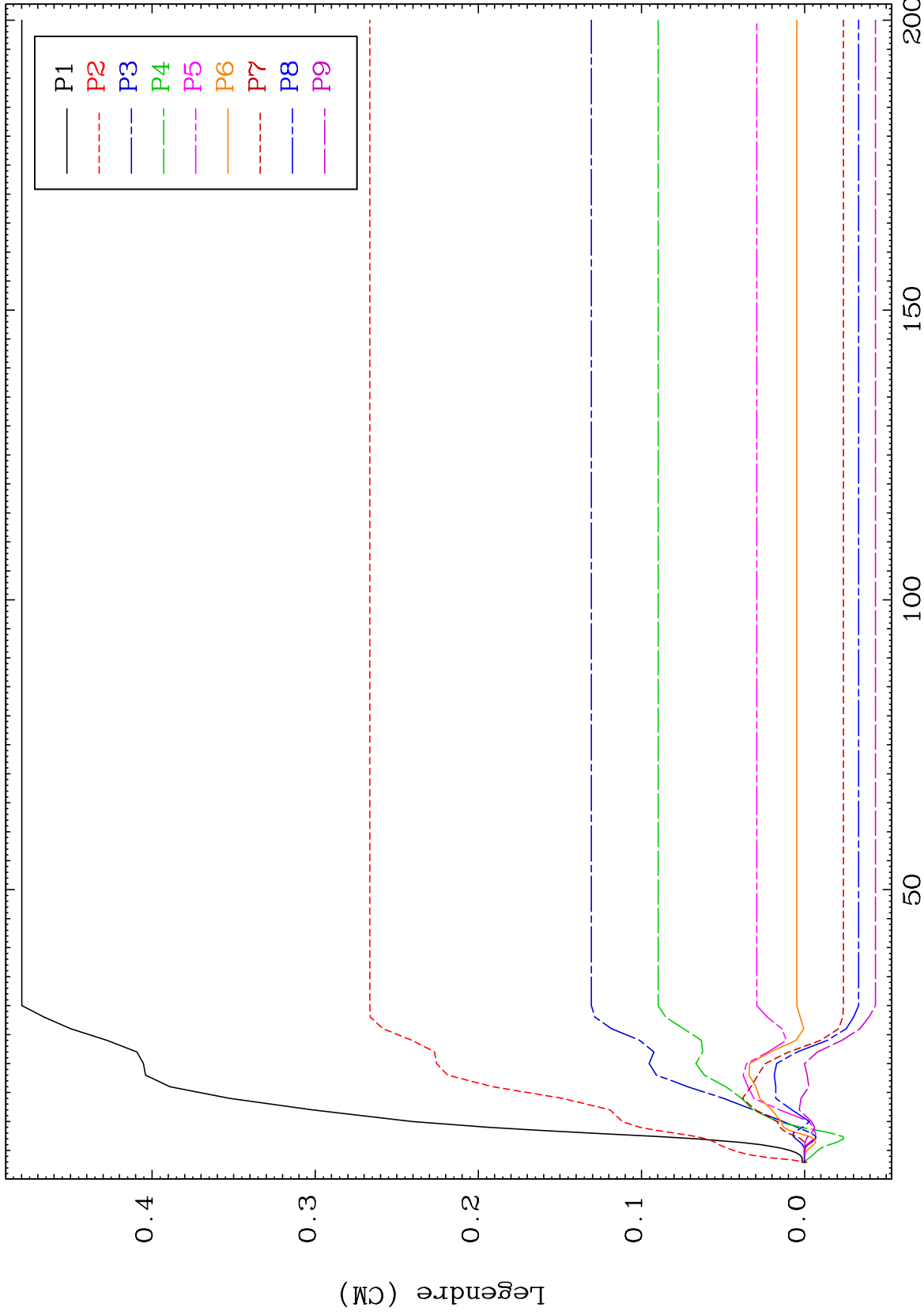
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



76

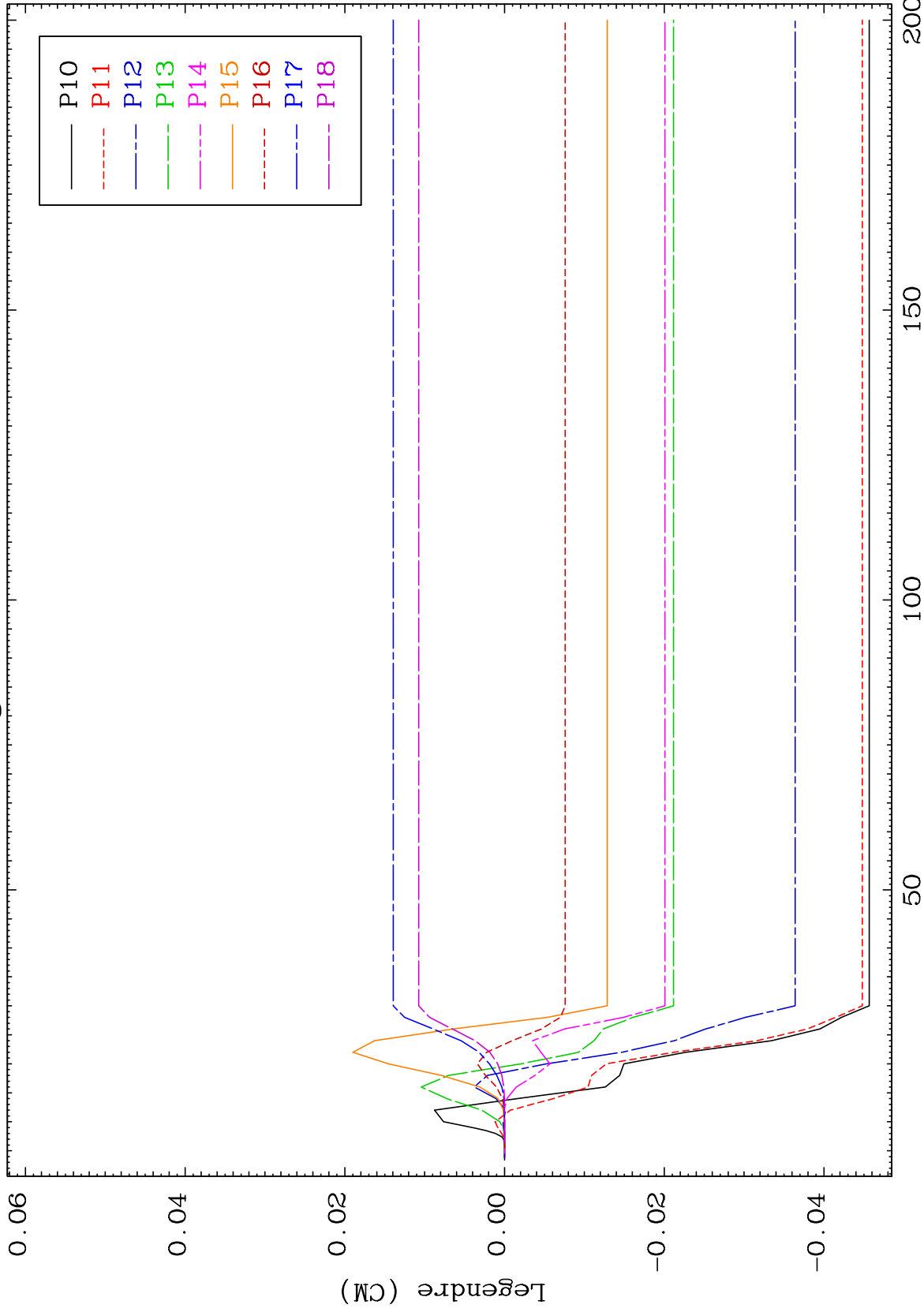
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



77

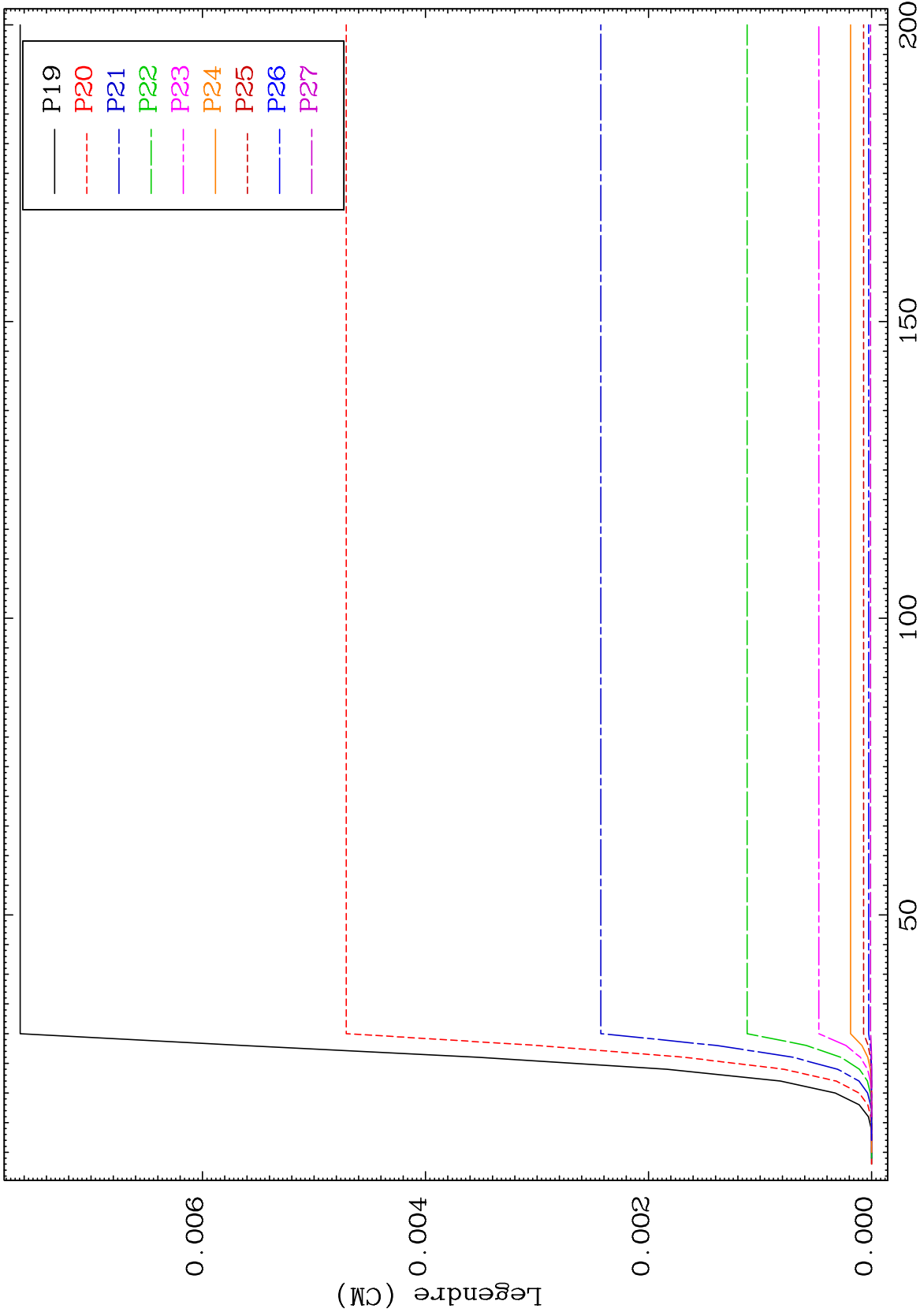
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



78

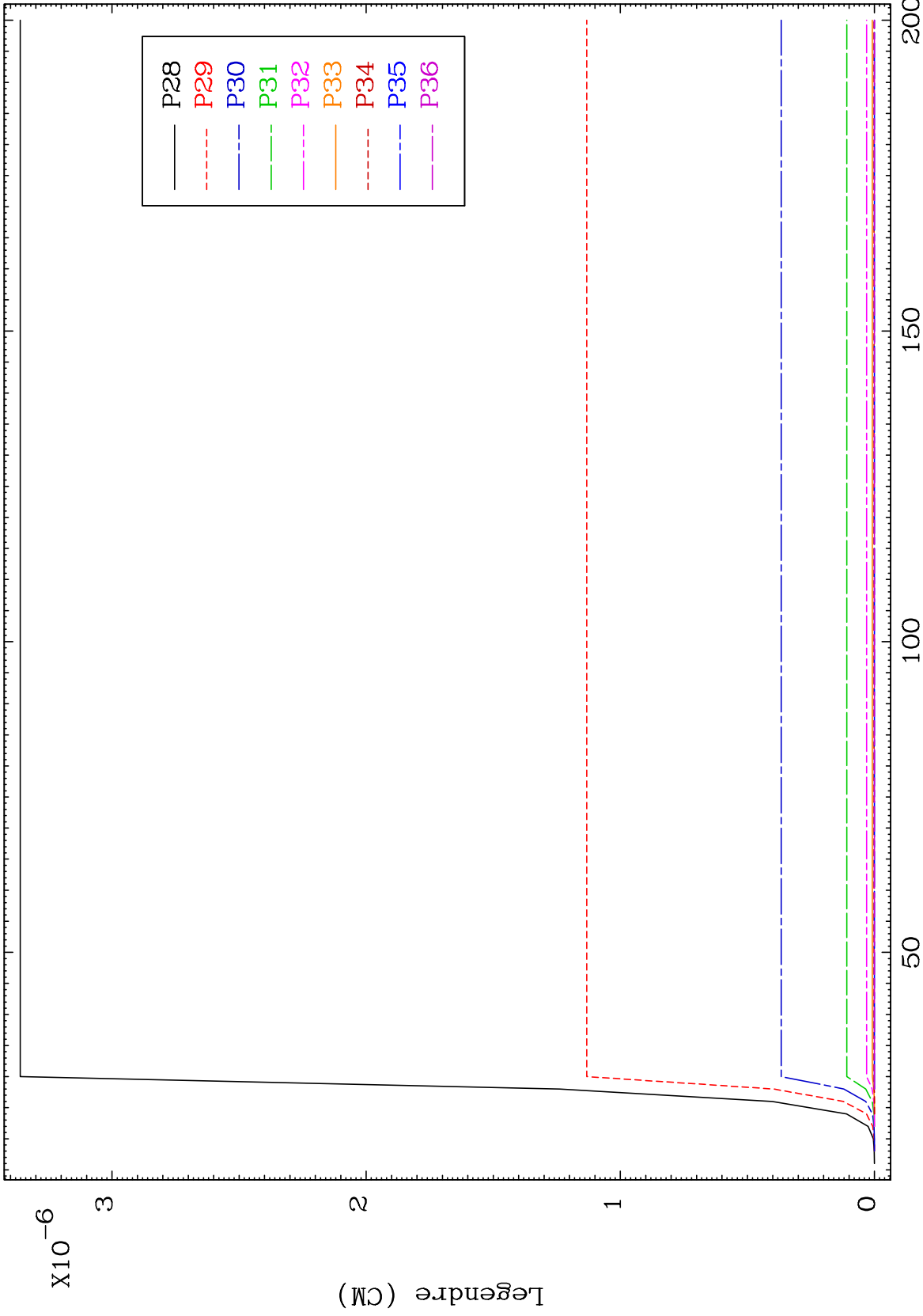
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



79

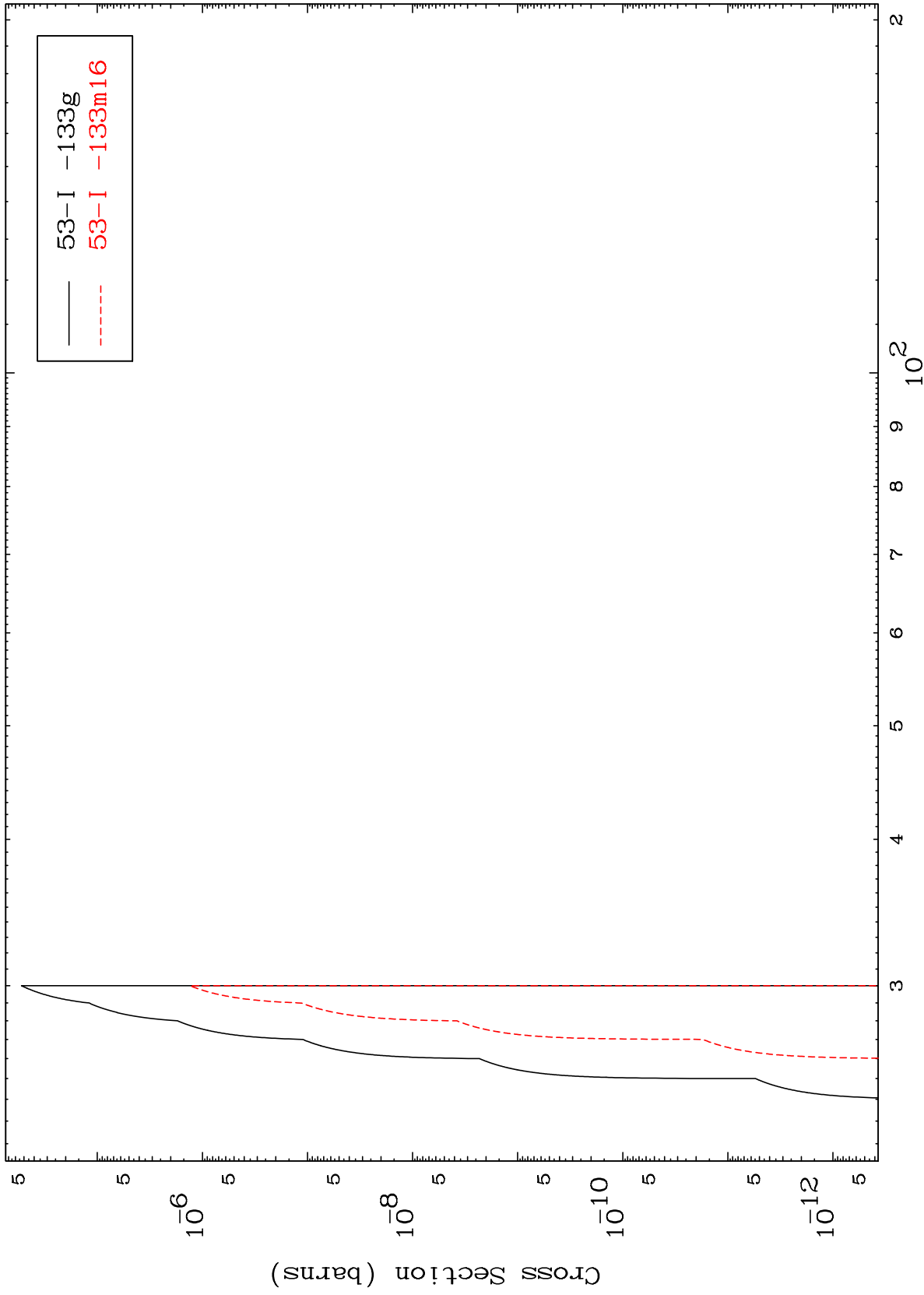
54-Xe-136

MAT 5461

(n,2n) d

54-Xe-136

Radionuclide Production Cross Section



80

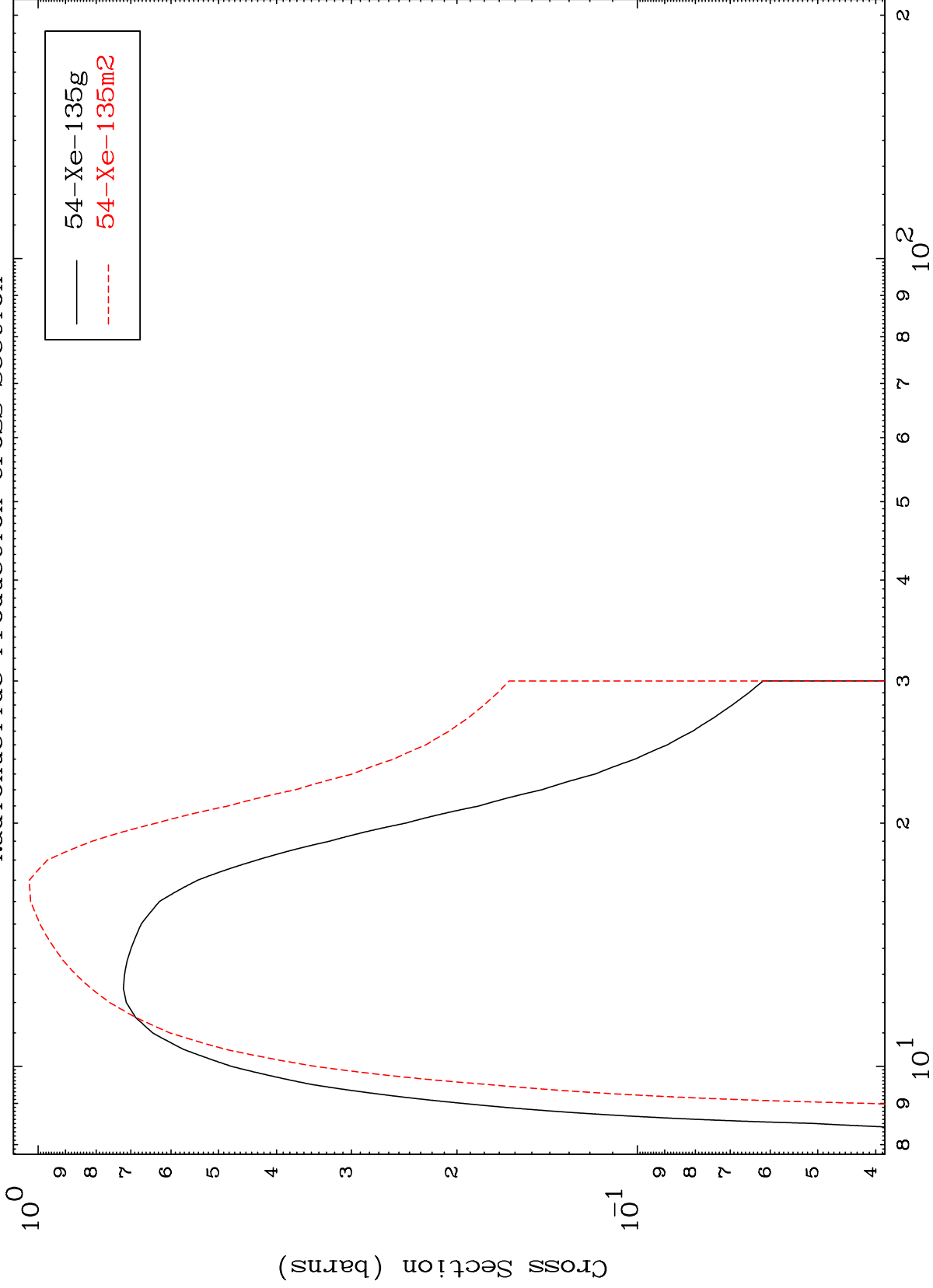
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,2n)
Radionuclide Production Cross Section



81

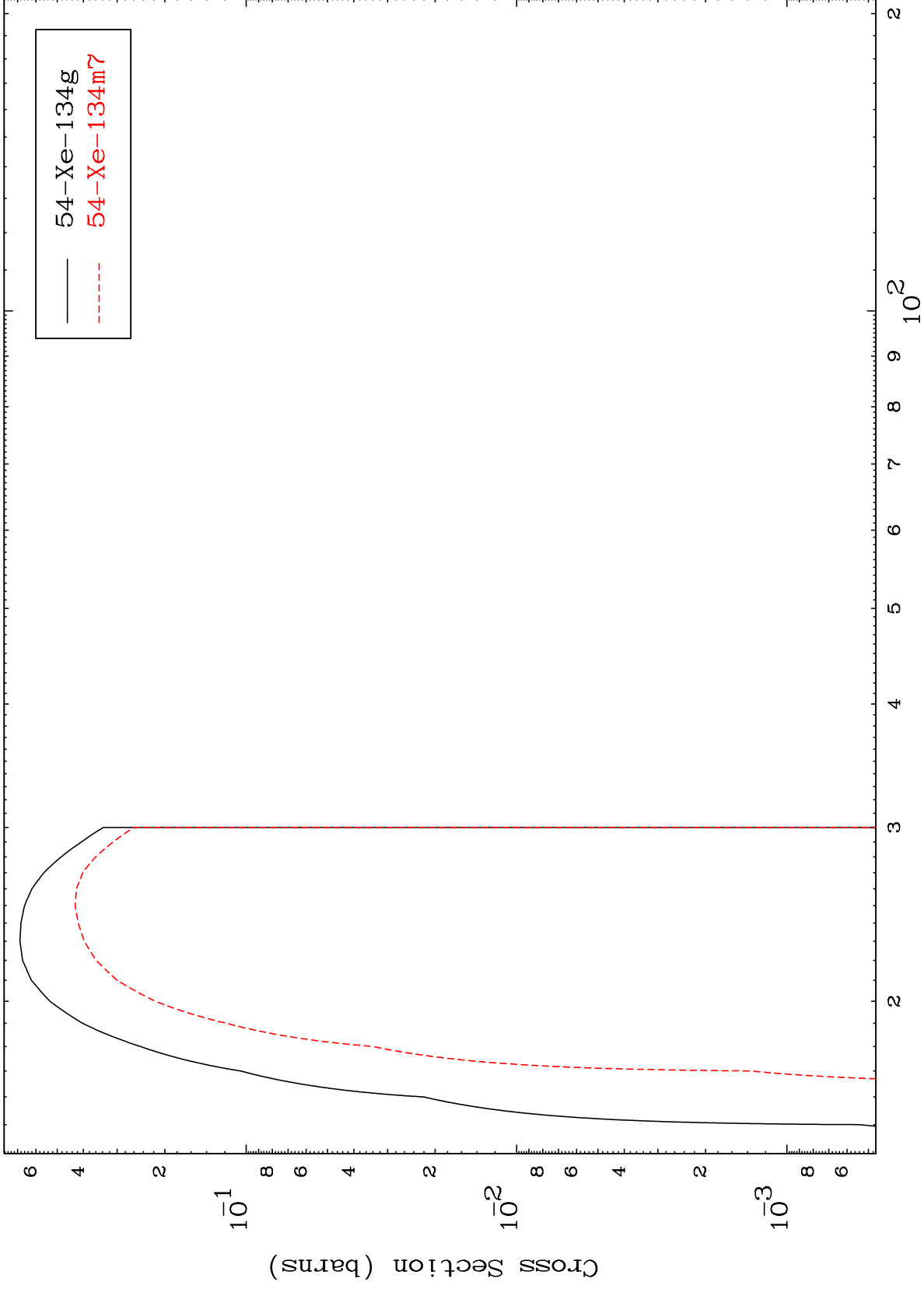
54-Xe-136

MAT 5461

(n,3n)

54-Xe-136

Radionuclide Production Cross Section



82

Incident Energy (MeV)

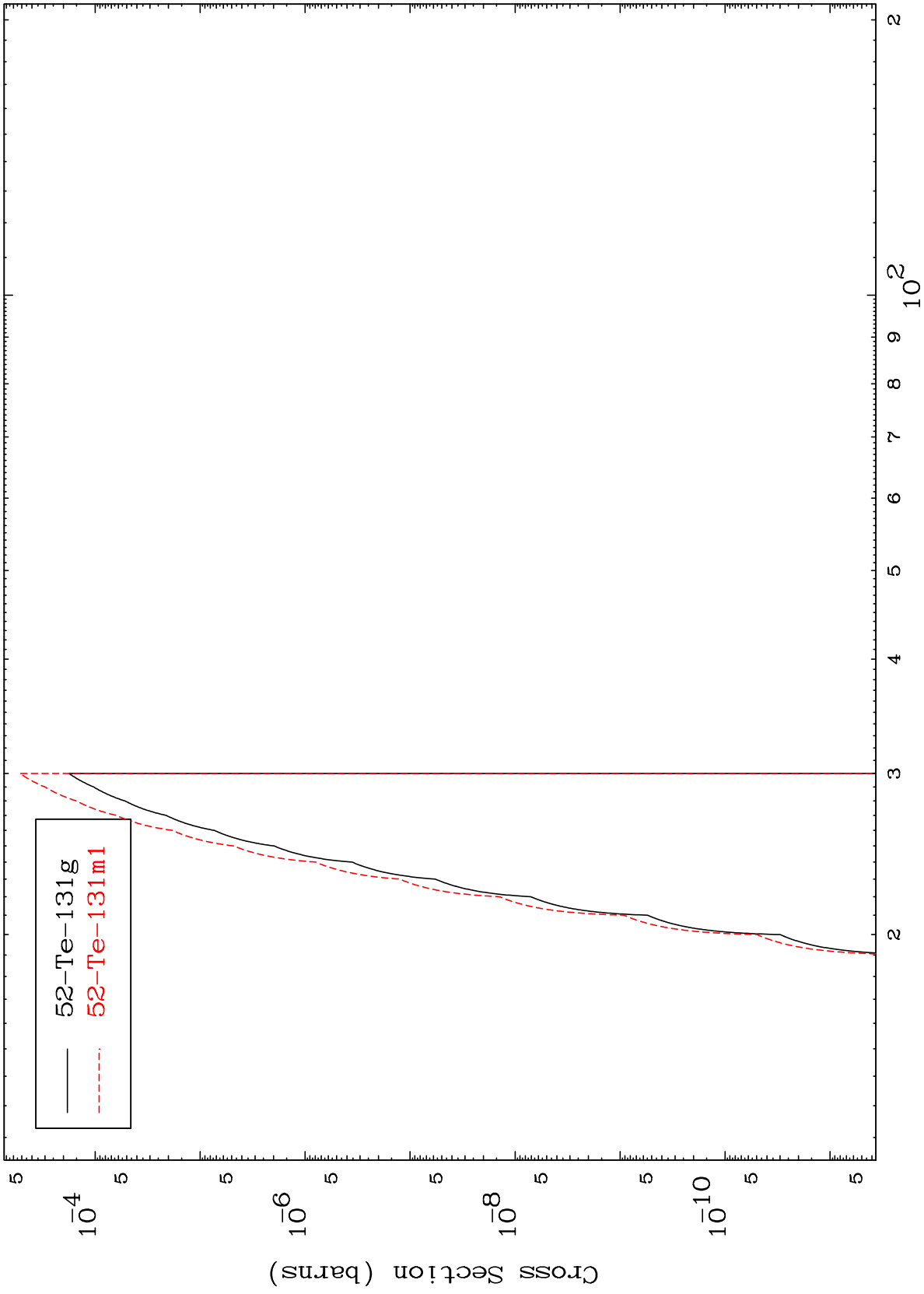
54-Xe-136

MAT 5461

(n,2n) α

54-Xe-136

Radionuclide Production Cross Section



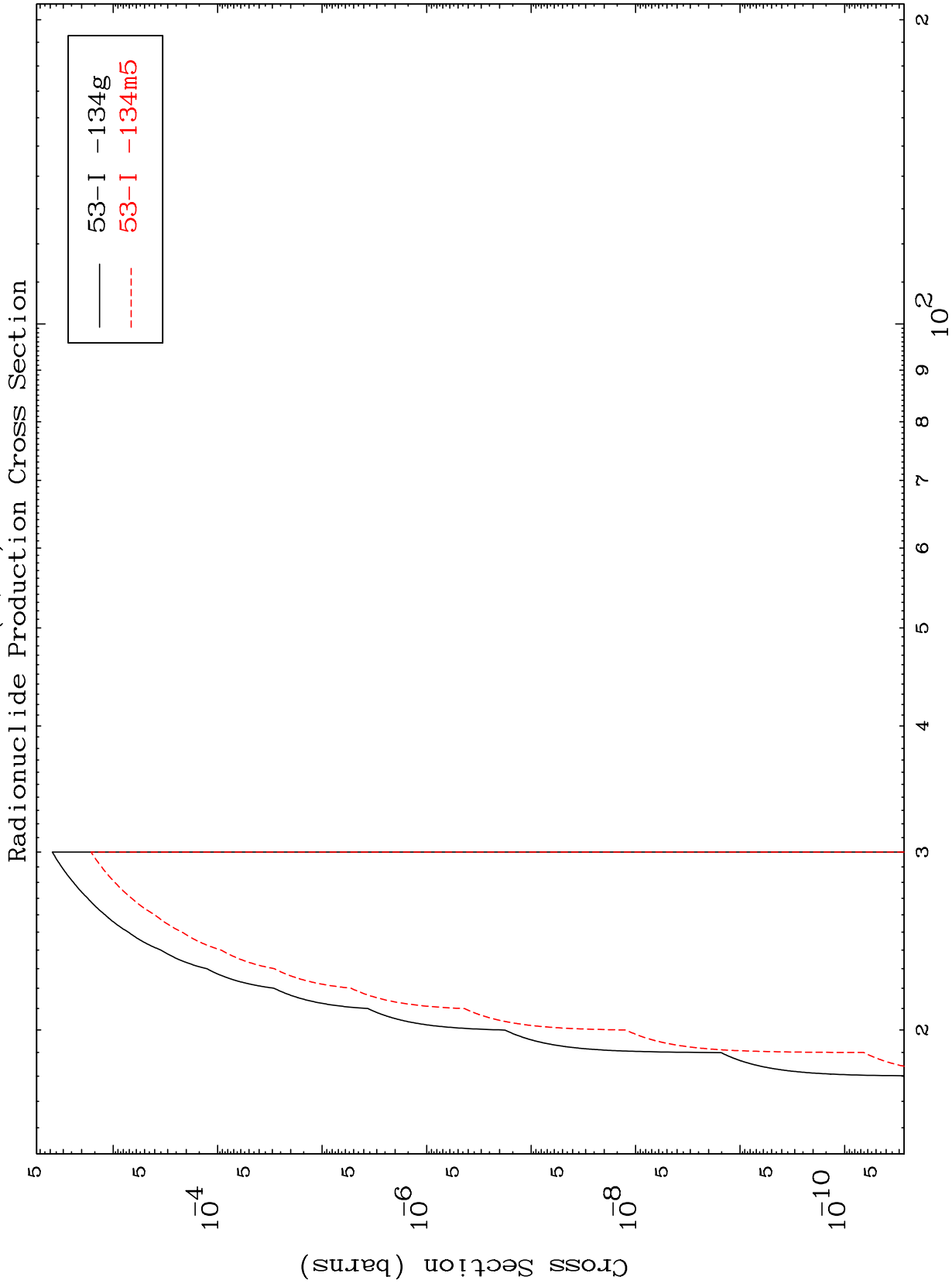
83

54-Xe-136

MAT 5461

(n,n') d

54-Xe-136



84

Incident Energy (MeV)

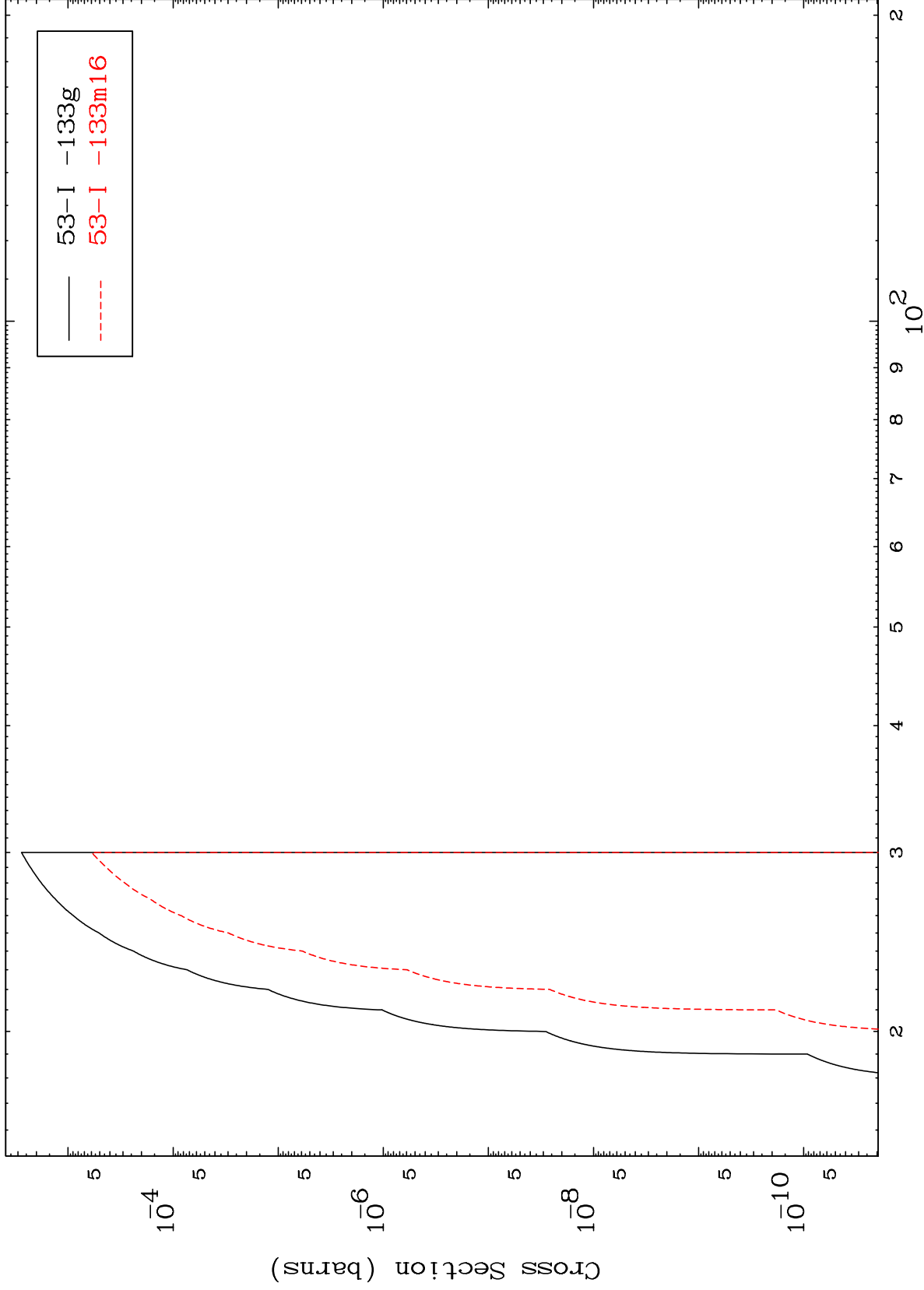
54-Xe-136

MAT 5461

(n,n') t

54-Xe-136

Radionuclide Production Cross Section



85

Incident Energy (MeV)

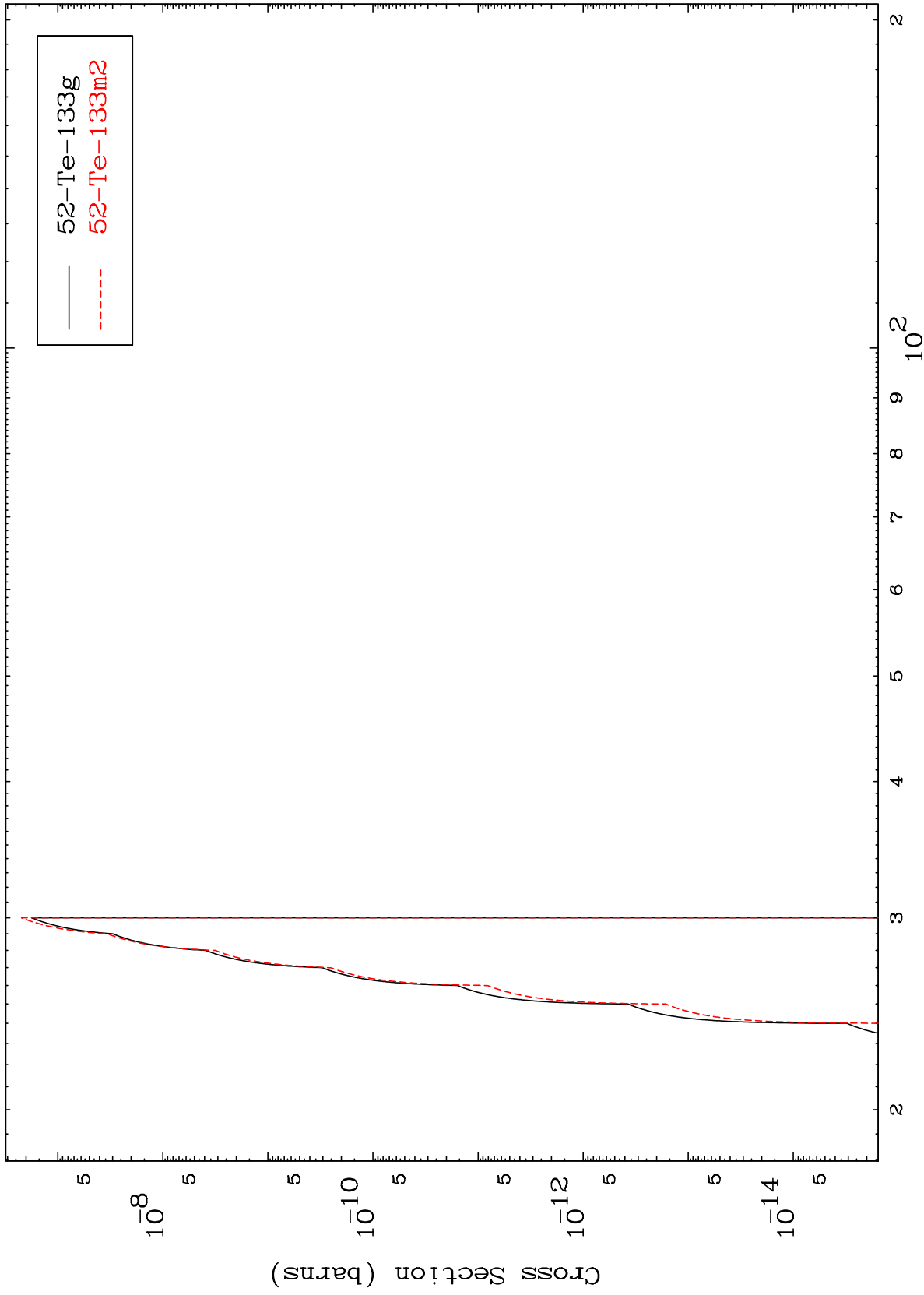
54-Xe-136

MAT 5461

(n, n') He-3

54-Xe-136

Radionuclide Production Cross Section



86

Incident Energy (MeV)

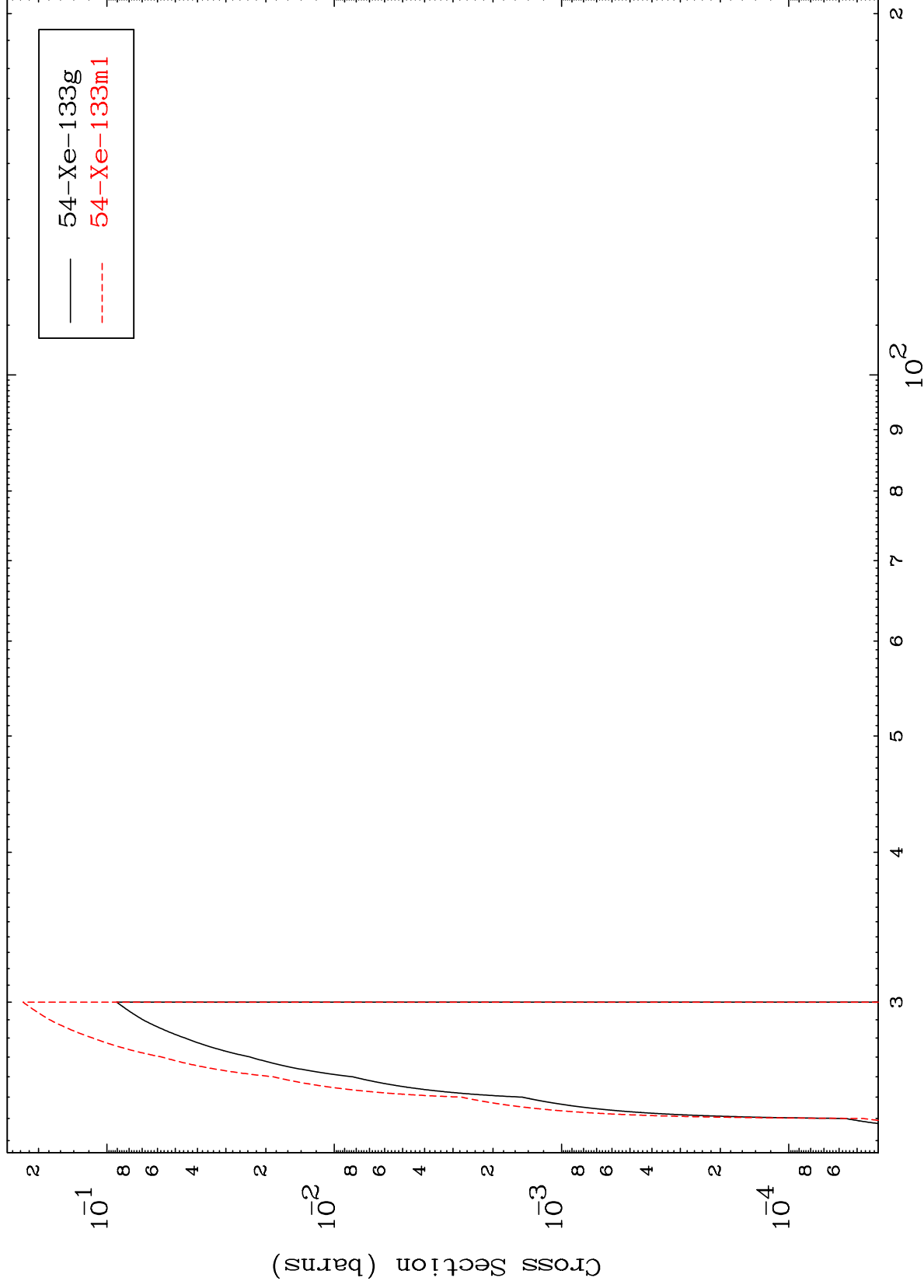
54-Xe-136

MAT 5461

(n,4n)

54-Xe-136

Radionuclide Production Cross Section



87

Incident Energy (MeV)

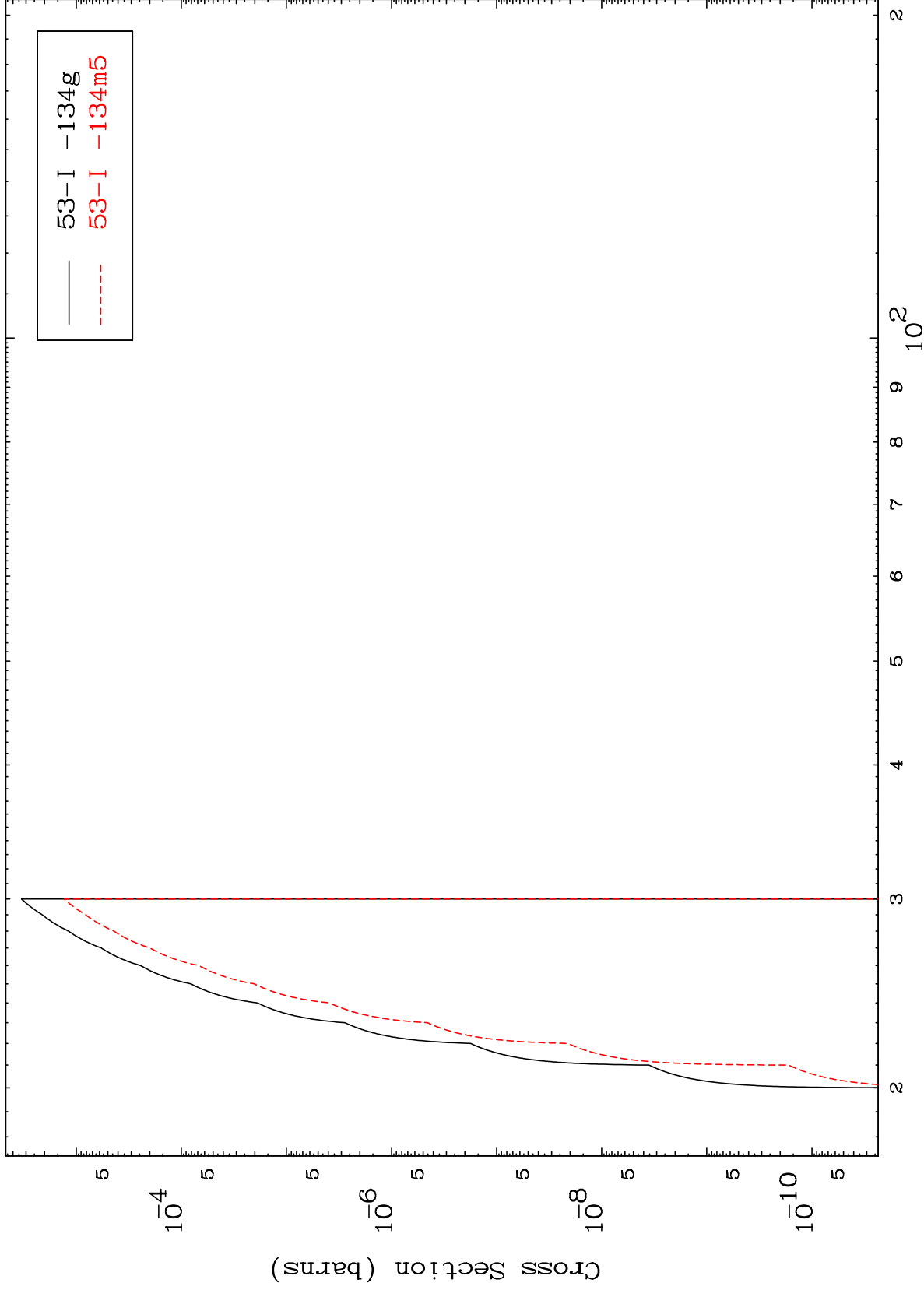
54-Xe-136

MAT 5461

(n,2n) p

54-Xe-136

Radionuclide Production Cross Section



88

Incident Energy (MeV)

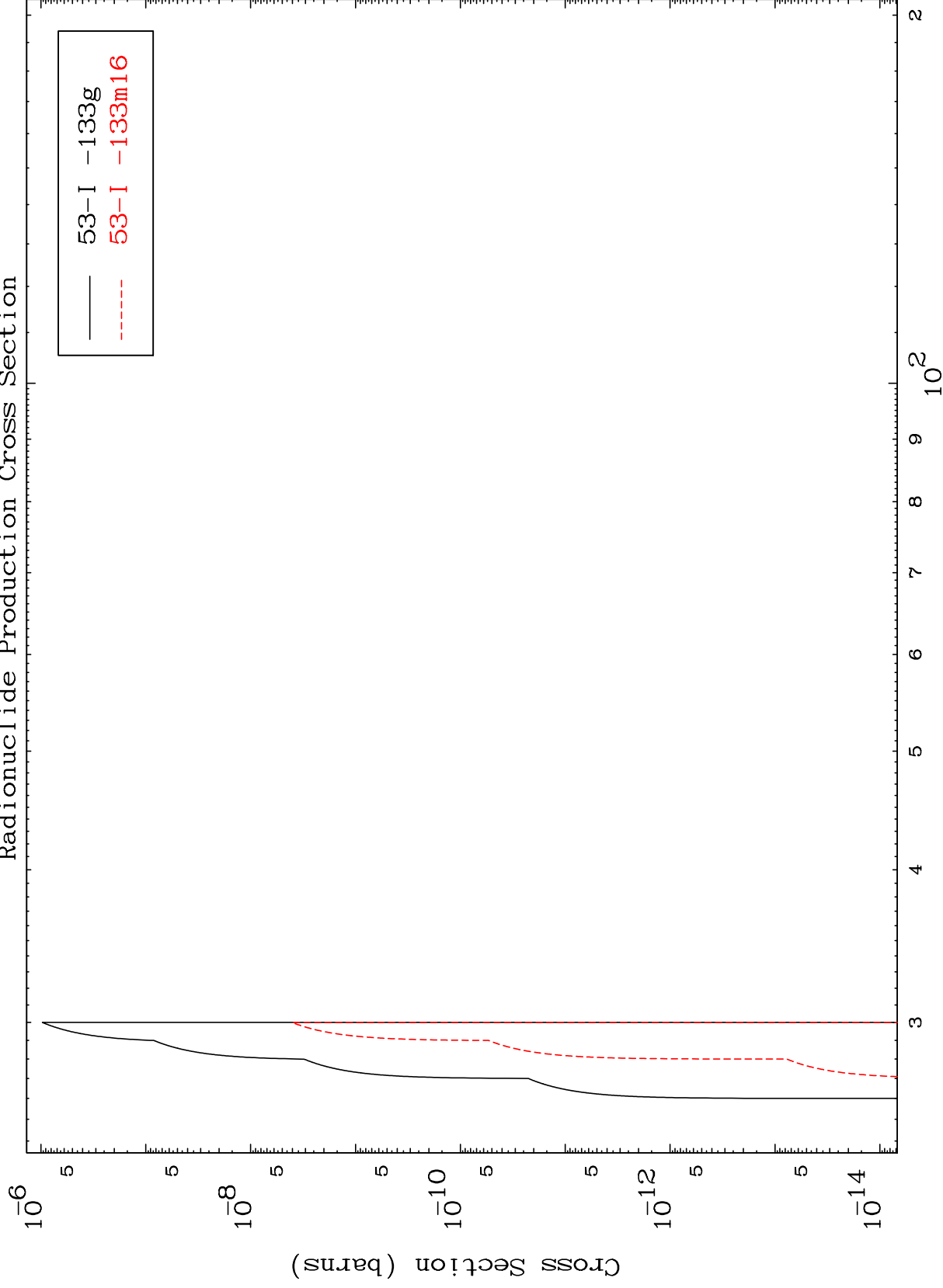
54-Xe-136

MAT 5461

(n,3n) p

54-Xe-136

Radionuclide Production Cross Section



89

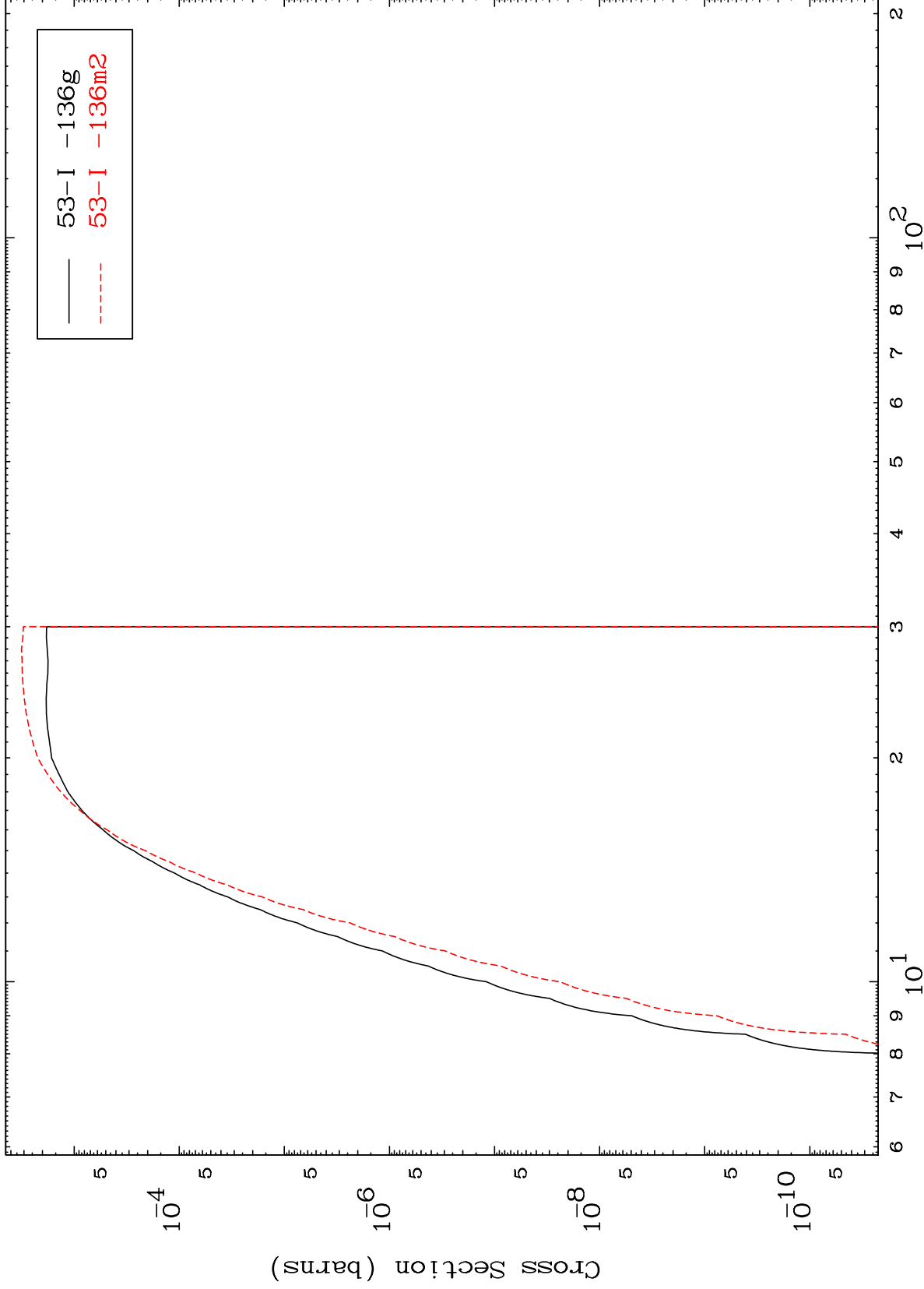
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,p)
Radionuclide Production Cross Section



90

Incident Energy (MeV)

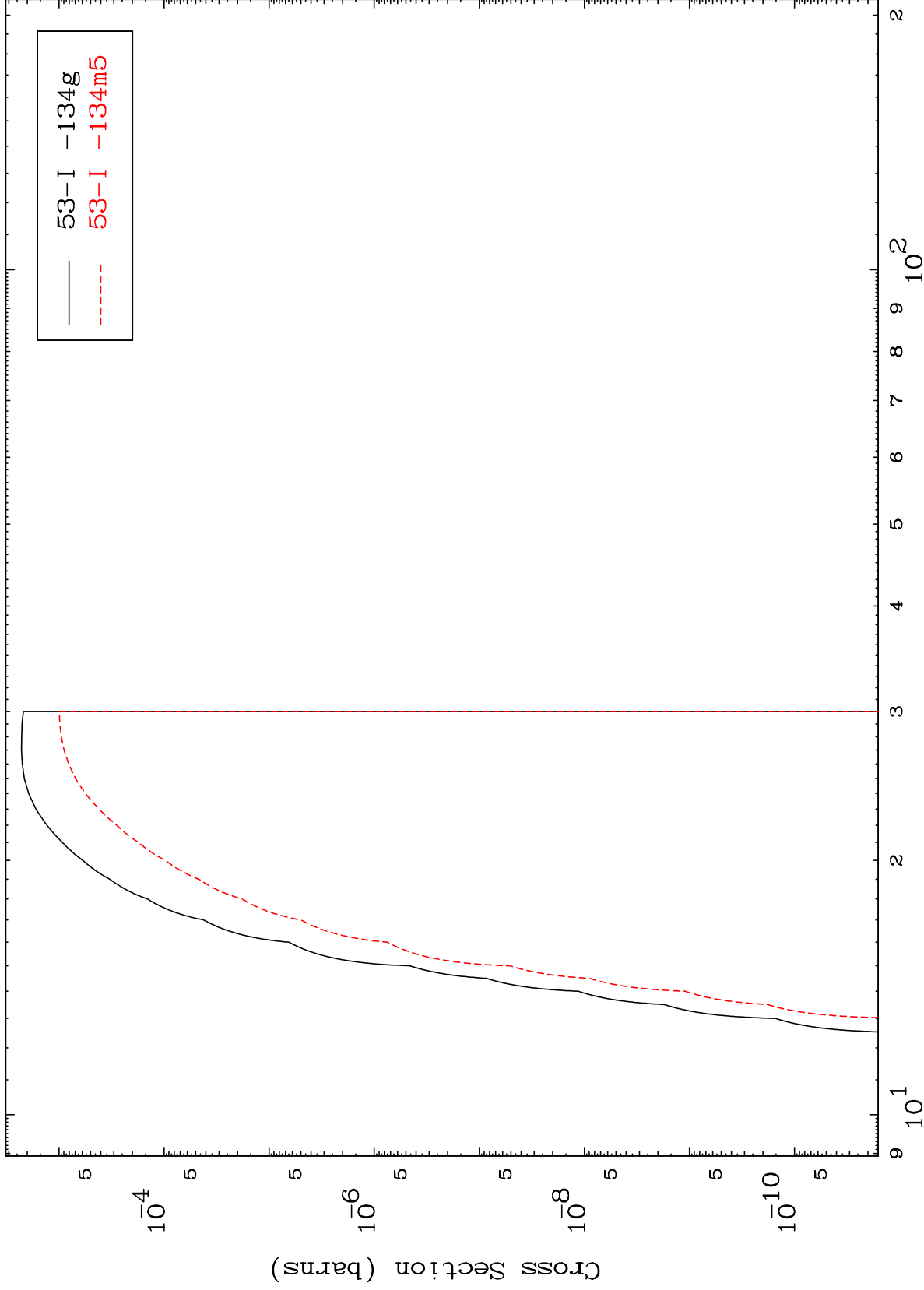
54-Xe-136

MAT 5461

(n, t)

54-Xe-136

Radionuclide Production Cross Section



91

Incident Energy (MeV)

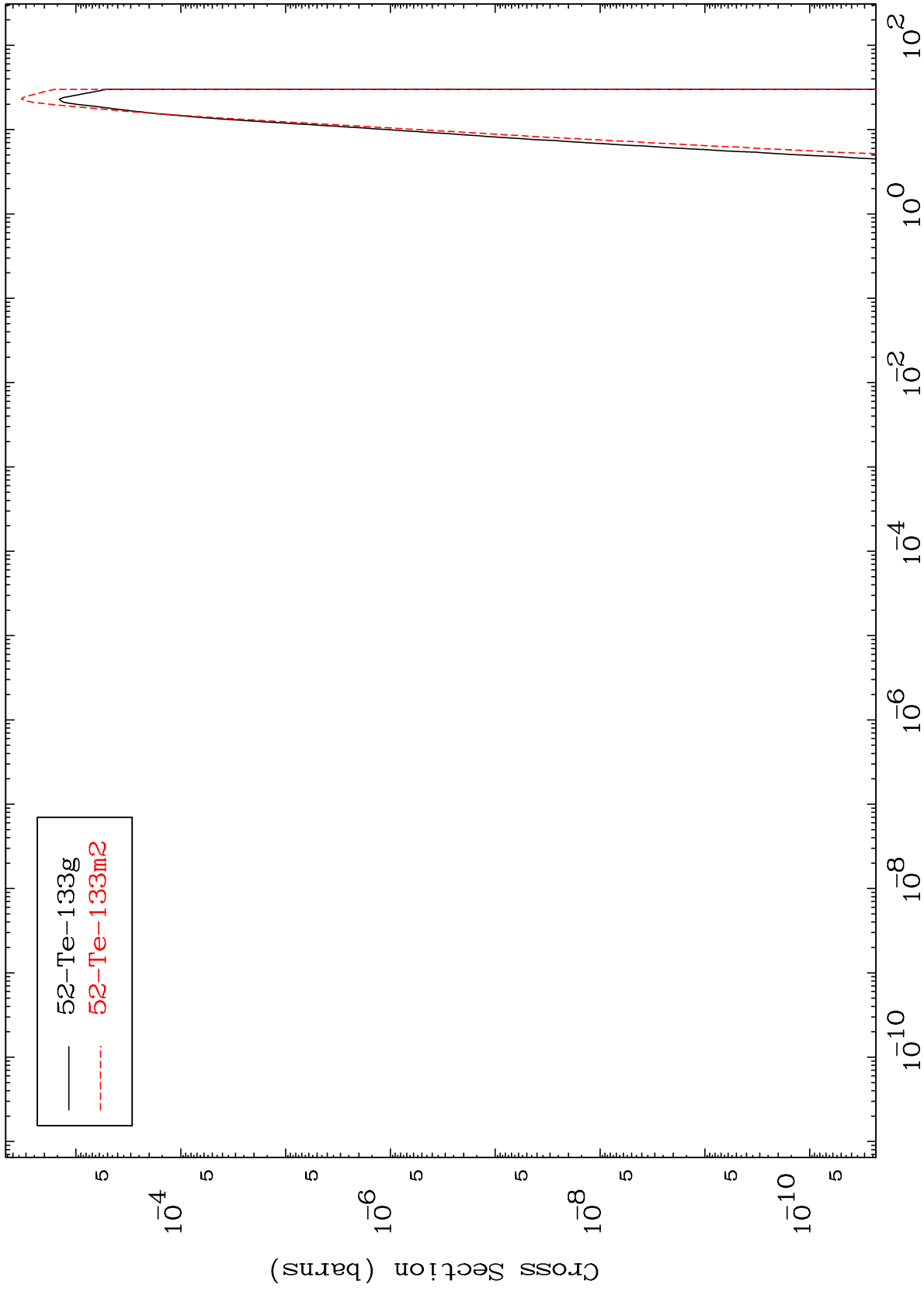
54-Xe-136

MAT 5461

(n, α)

54-Xe-136

Radionuclide Production Cross Section



92

Incident Energy (MeV)

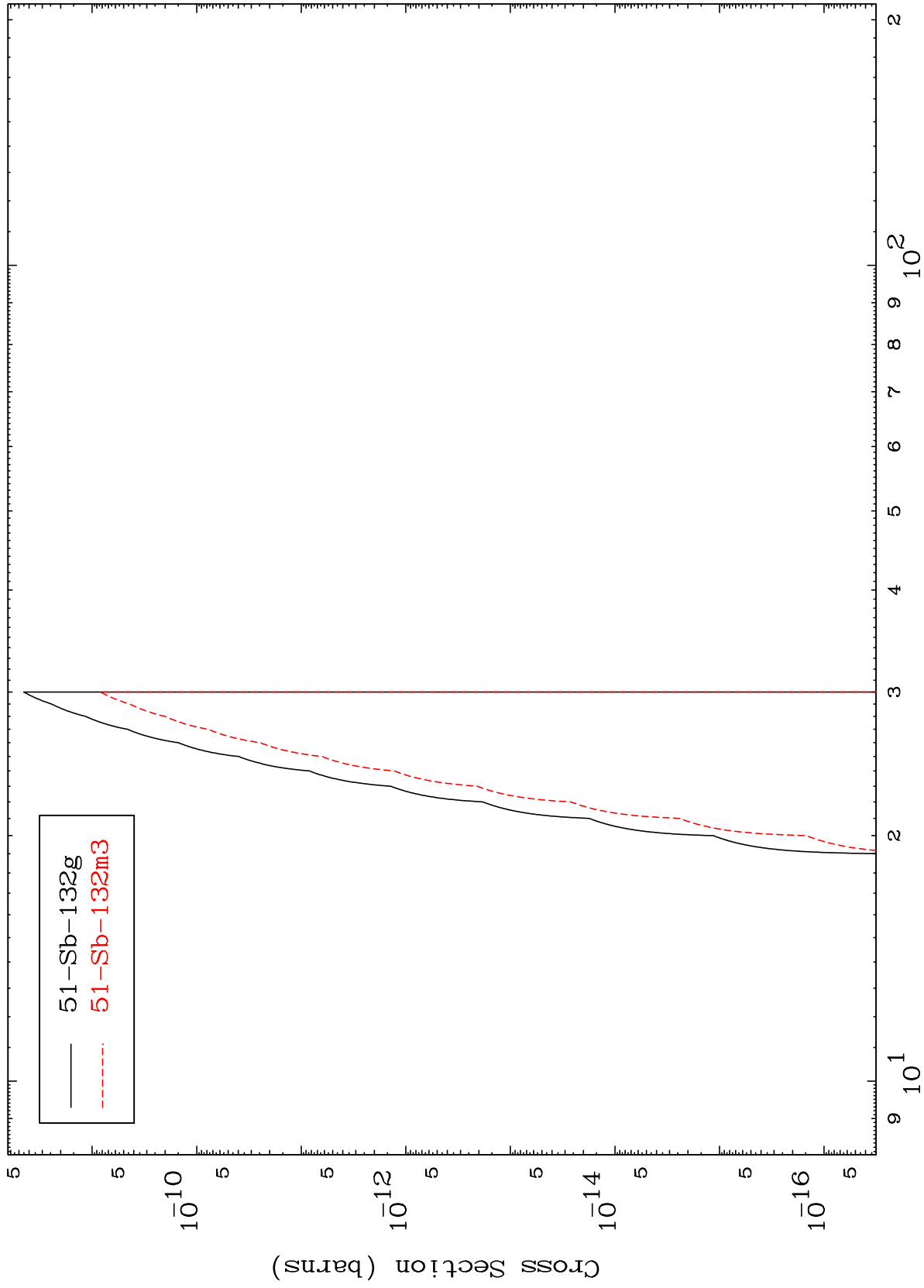
54-Xe-136

MAT 5461

(n,p) α

54-Xe-136

Radionuclide Production Cross Section



93

Incident Energy (MeV)

54-Xe-136