

Program EVALPLOT
(Version 2021-1)

by

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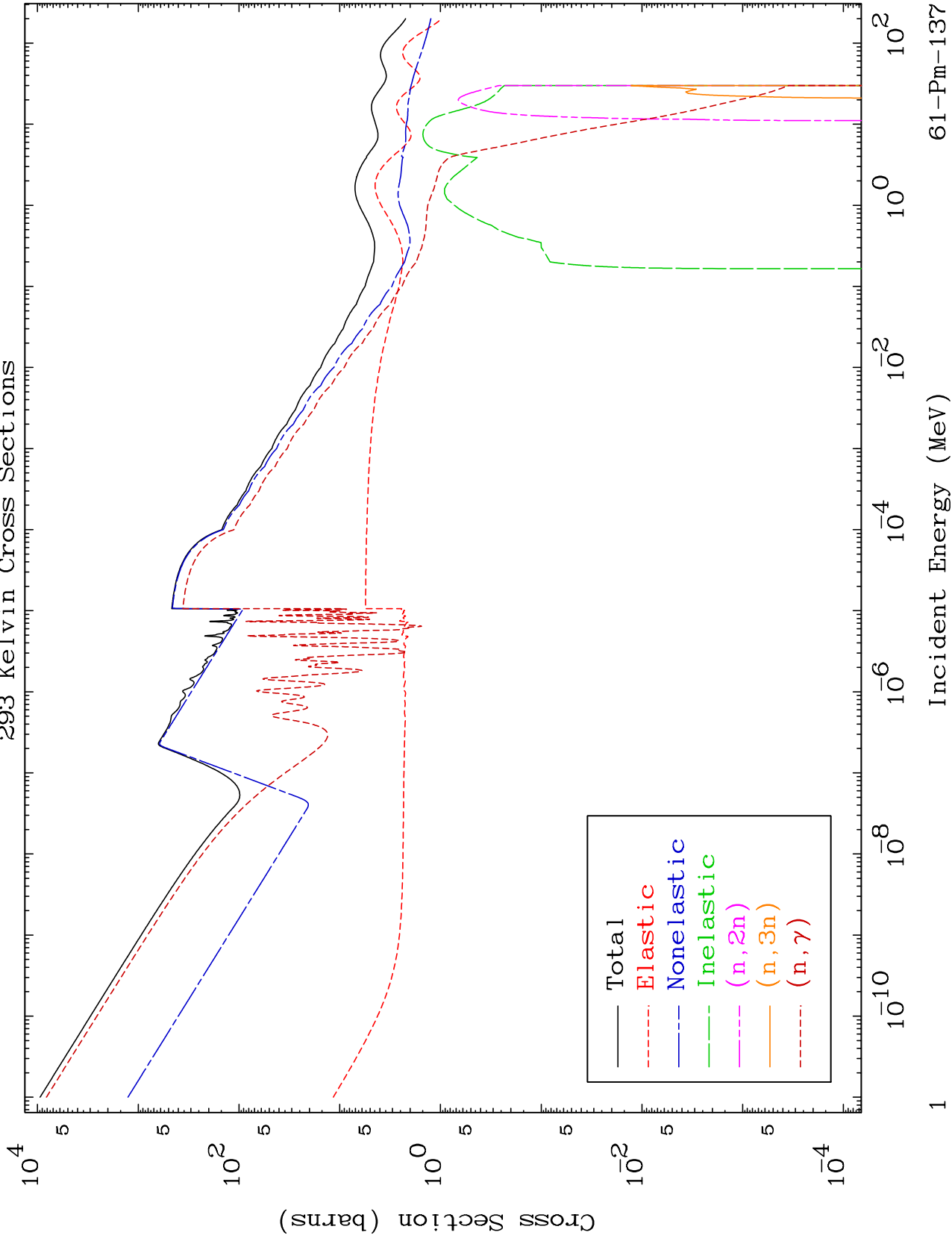
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Press Mouse Button to Start

MAT 6119

Neutron Major
293 Kelvin Cross Sections

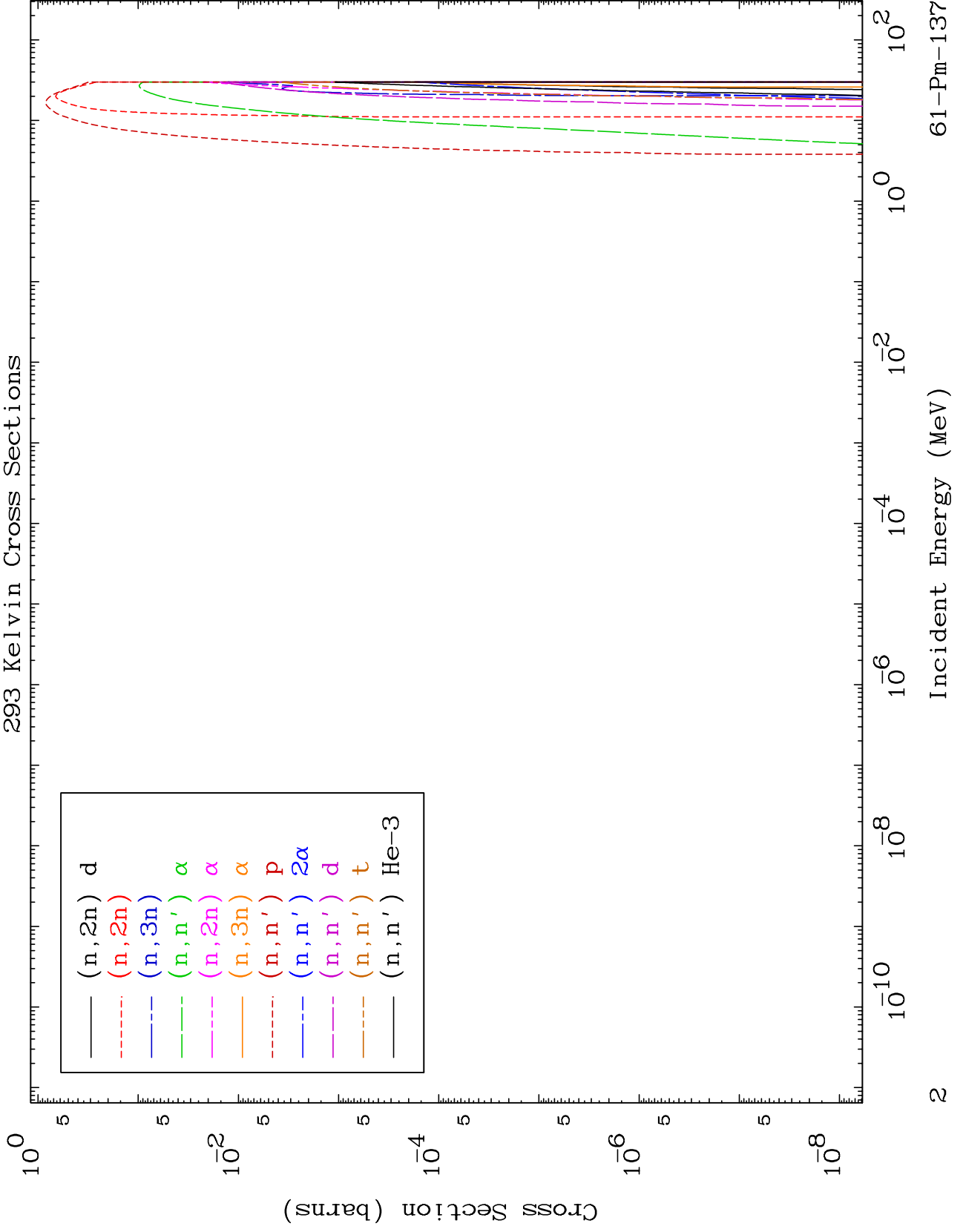
61-Pm-137

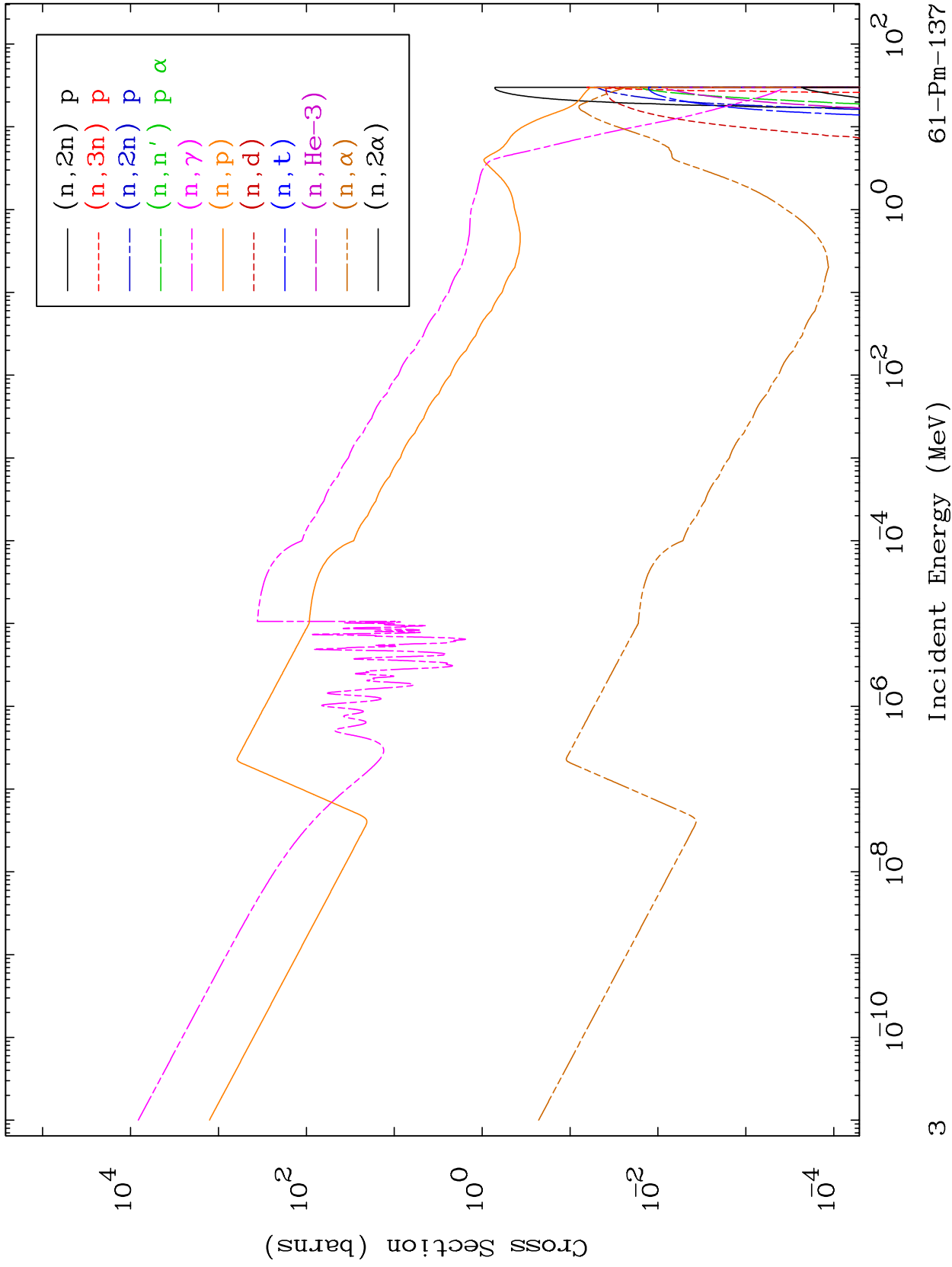


MAT 6119

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-137

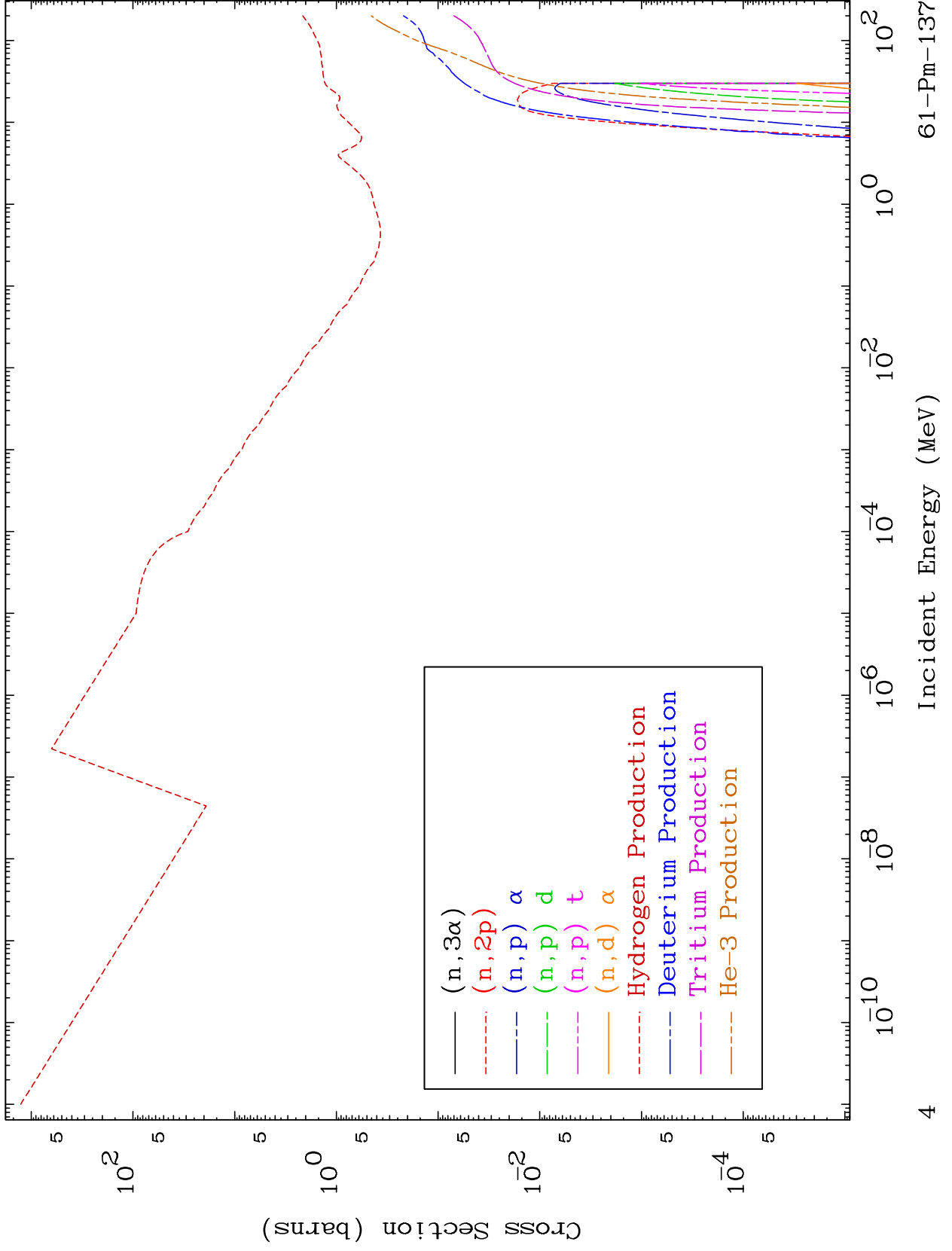




MAT 6119

Neutron Absorption
293 Kelvin Cross Sections

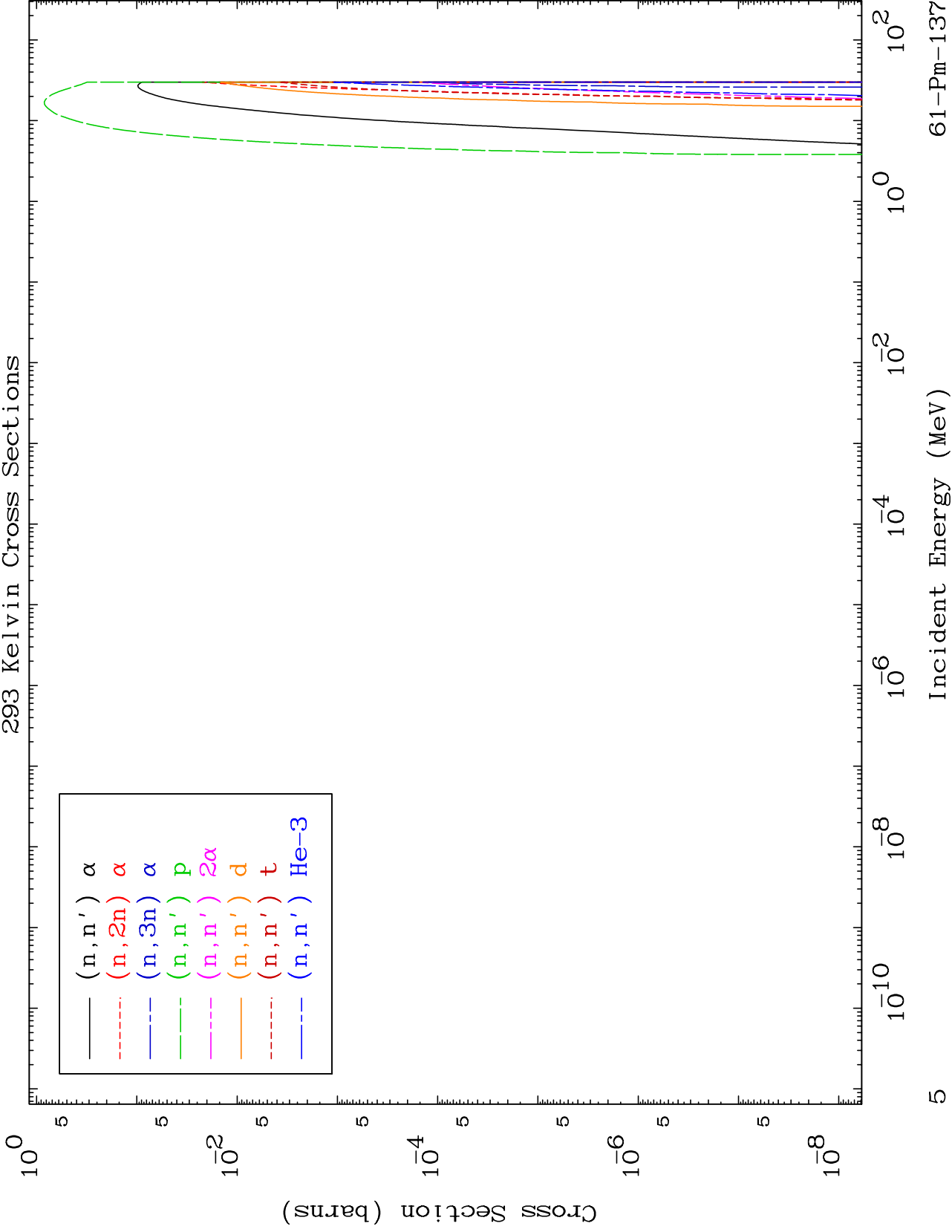
61-Pm-137



MAT 6119

Charged Particle
293 Kelvin Cross Sections

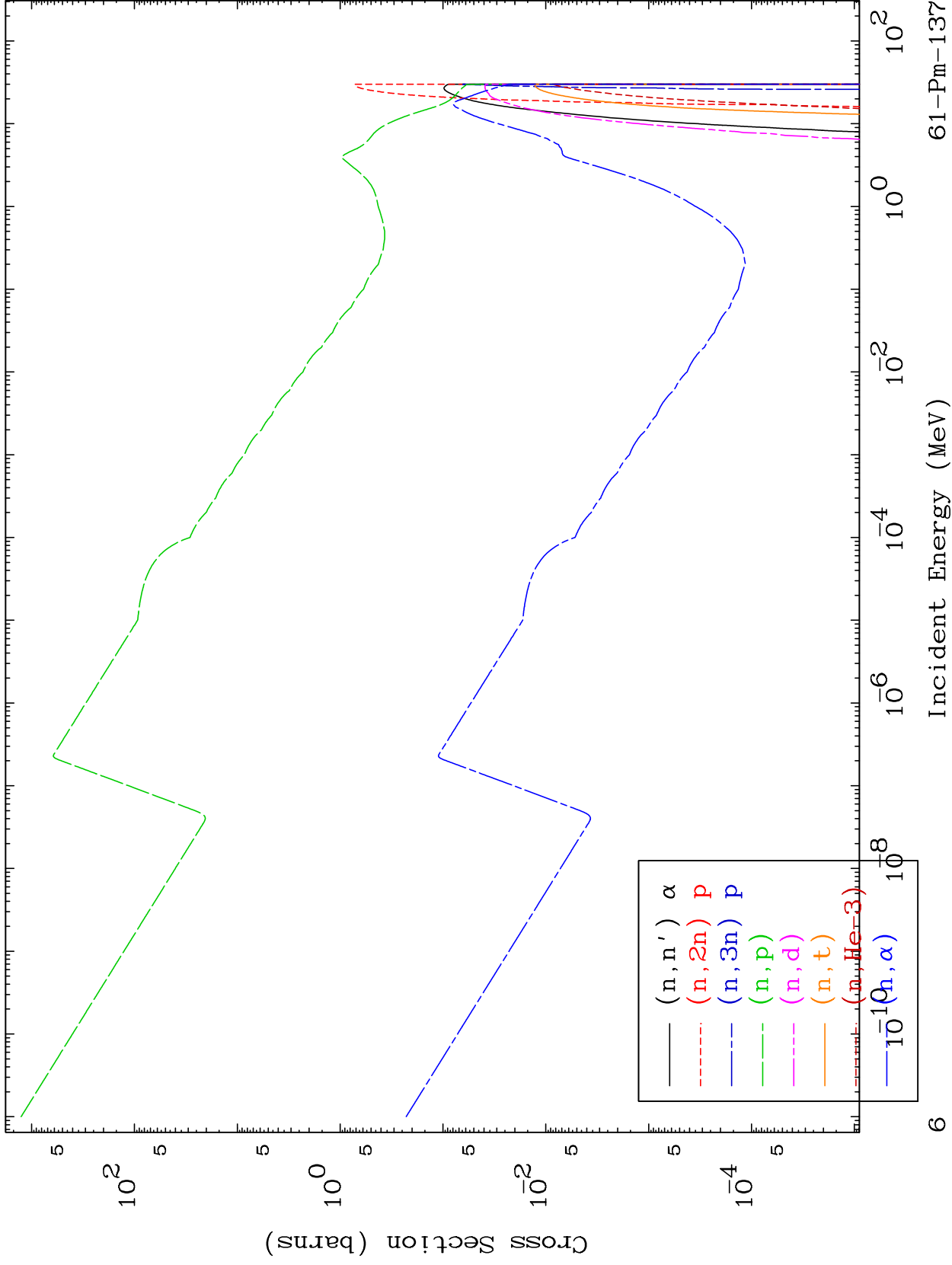
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MAT 6119

Charged Particle
293 Kelvin Cross Sections

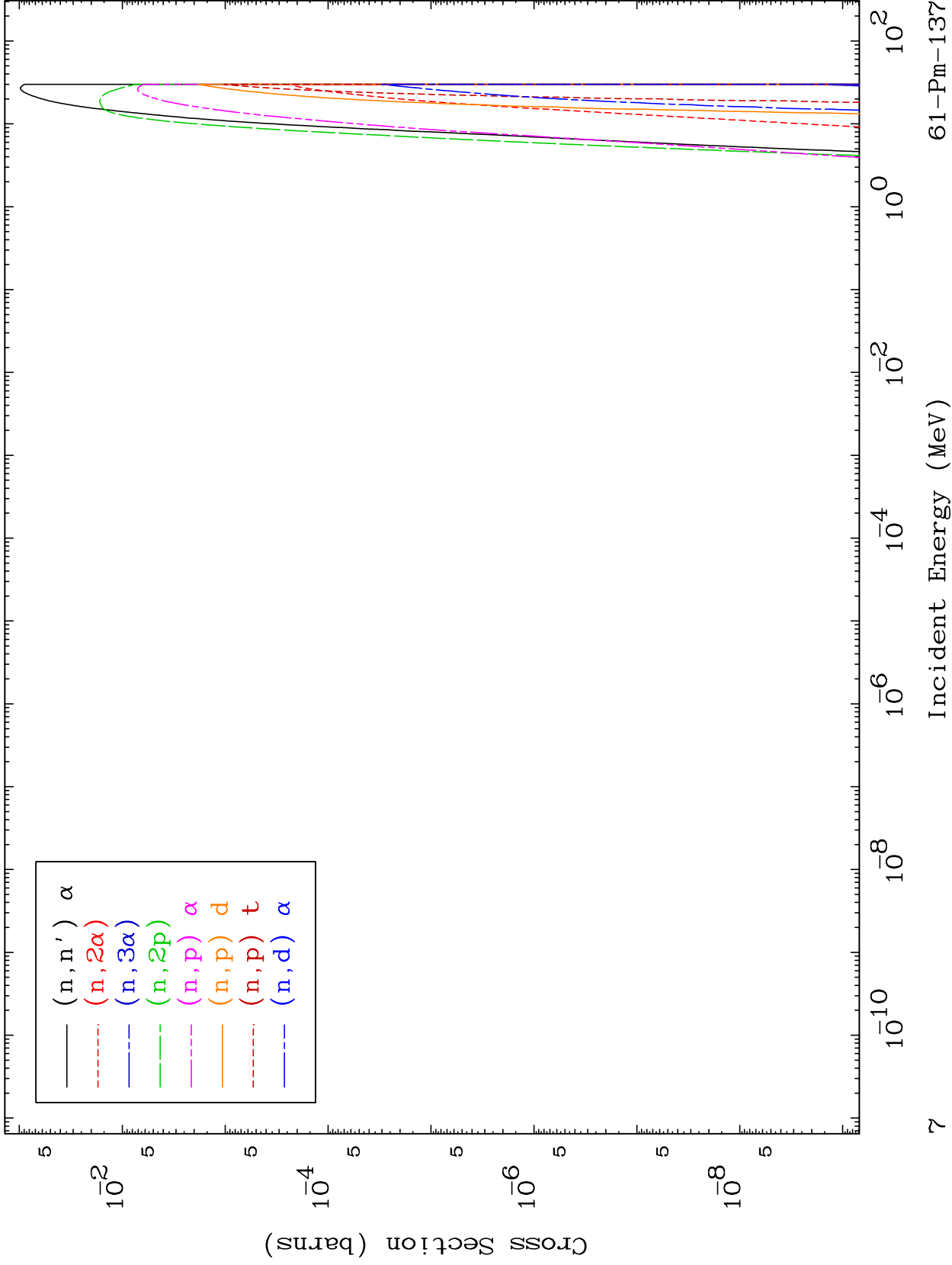
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MAT 6119

Charged Particle
293 Kelvin Cross Sections

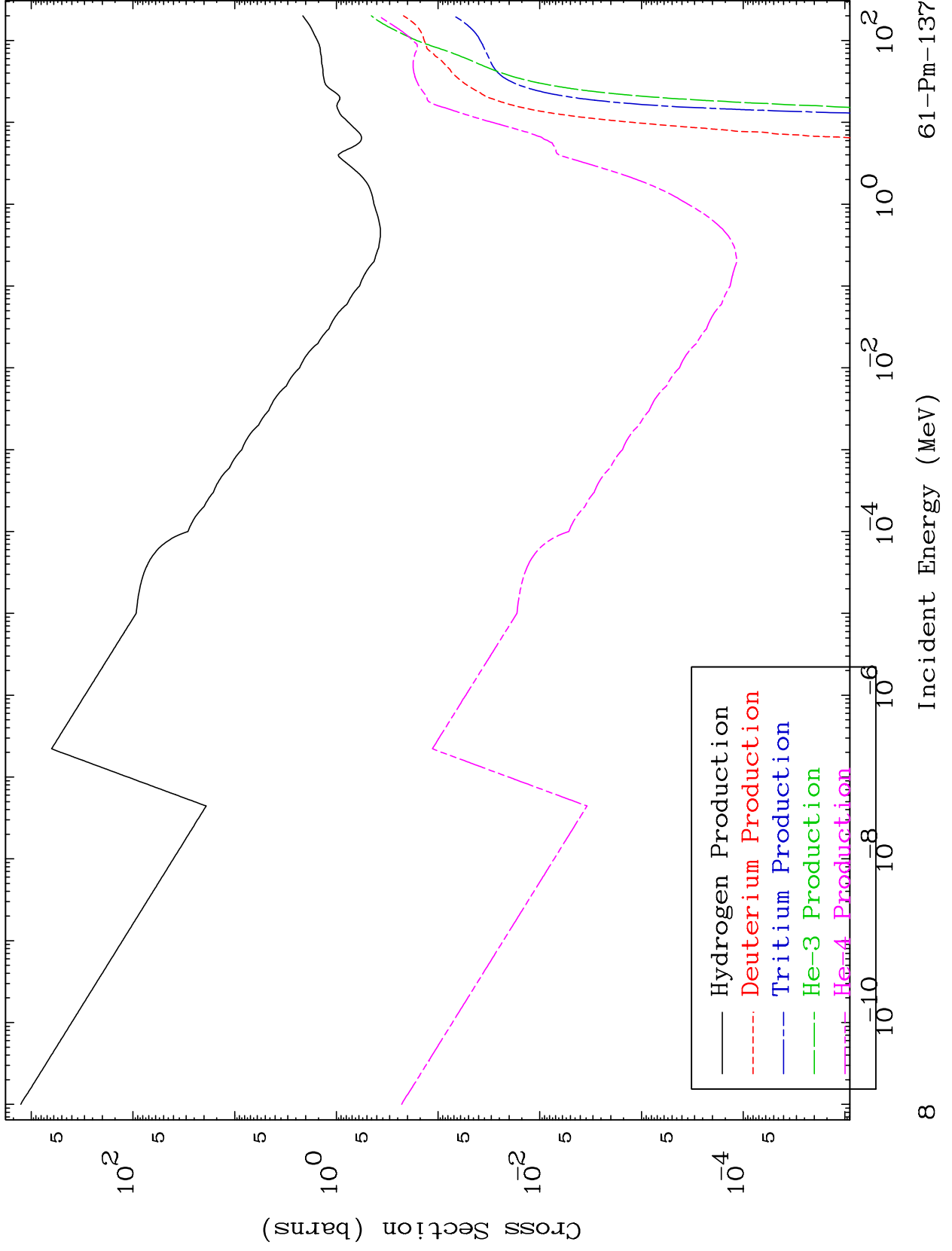
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MAT 6119

Particle Production
293 Kelvin Cross Sections

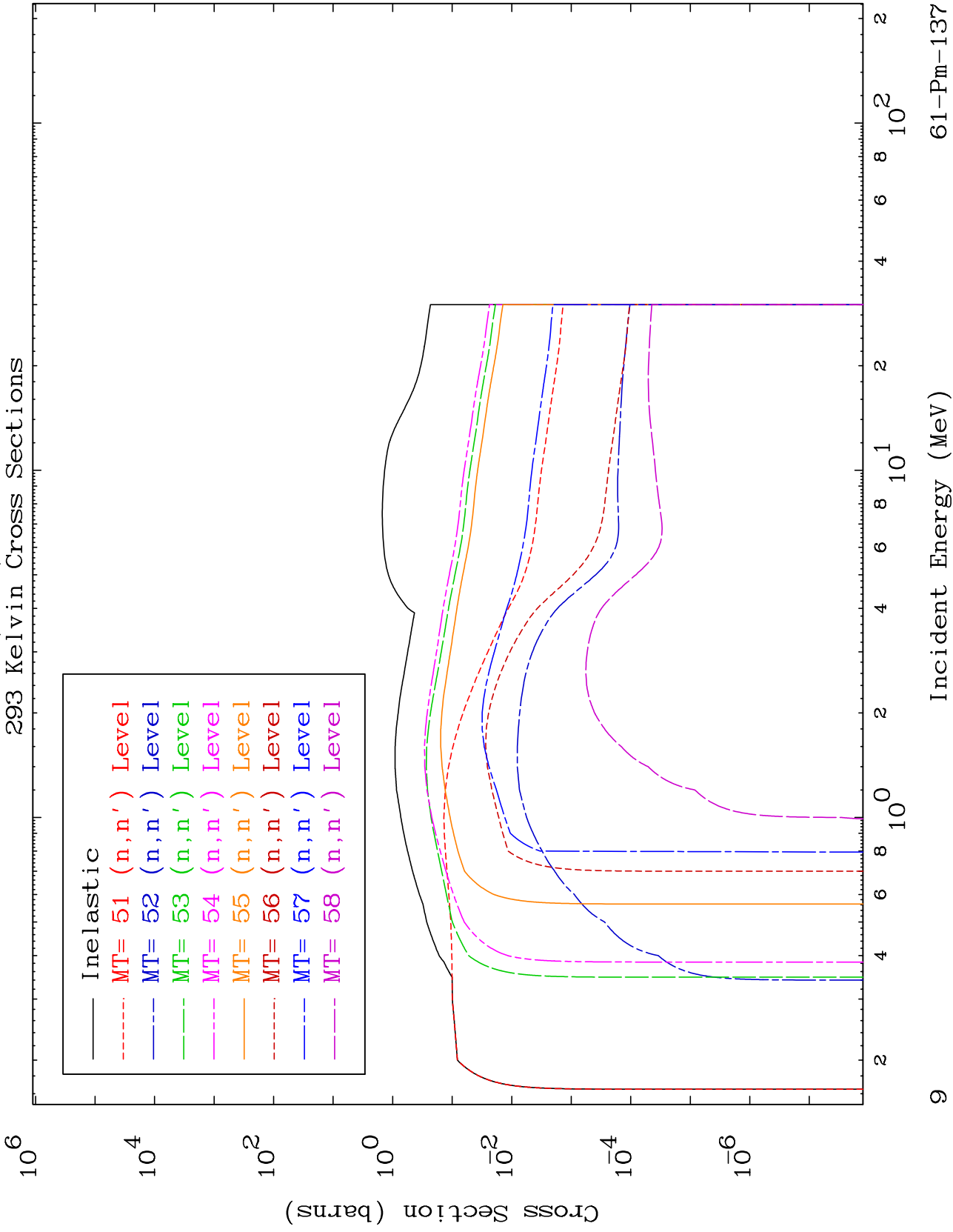
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MAT 6119

(n,n') Levels
293 Kelvin Cross Sections

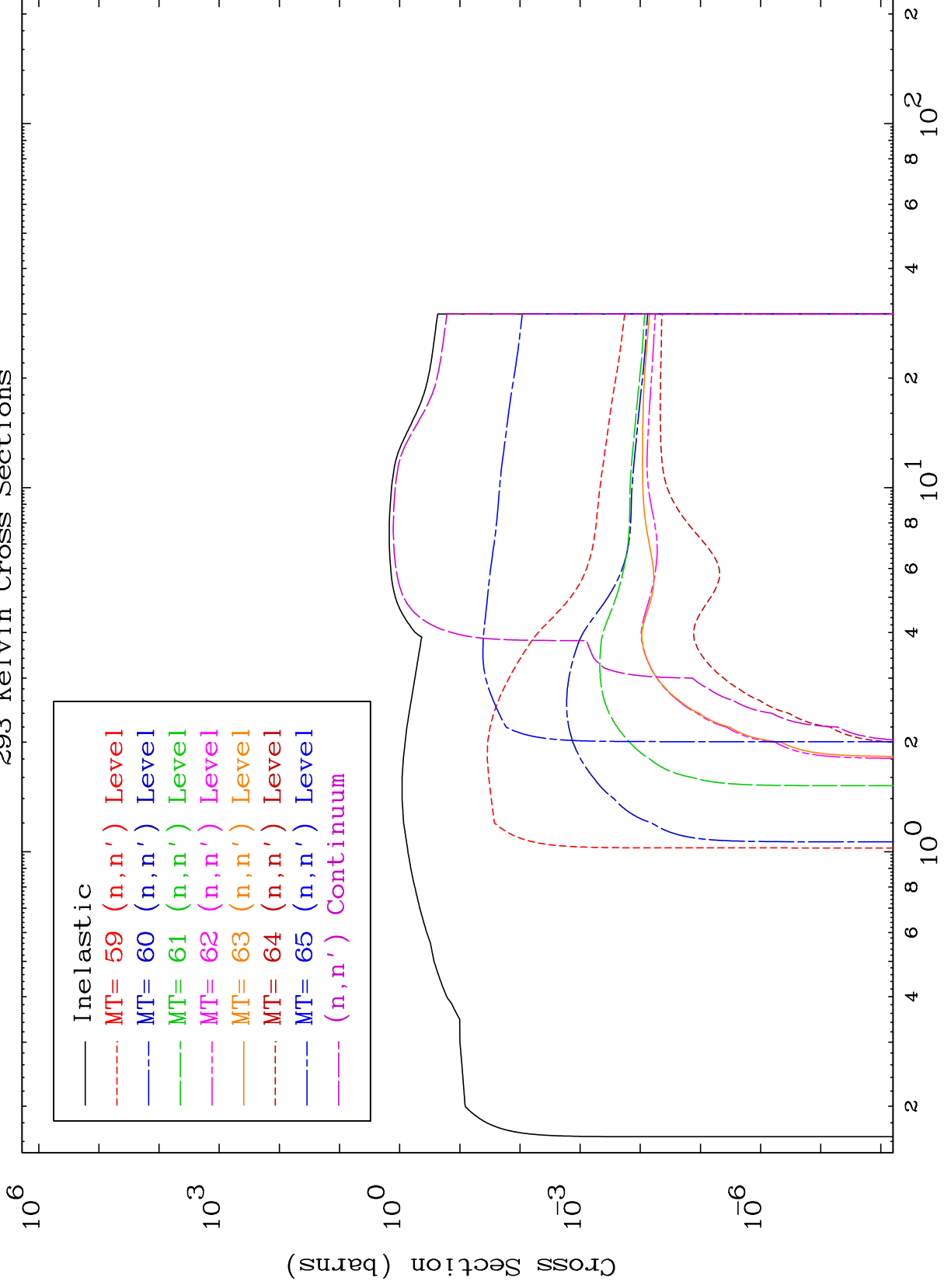
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MAT 6119

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-137



10

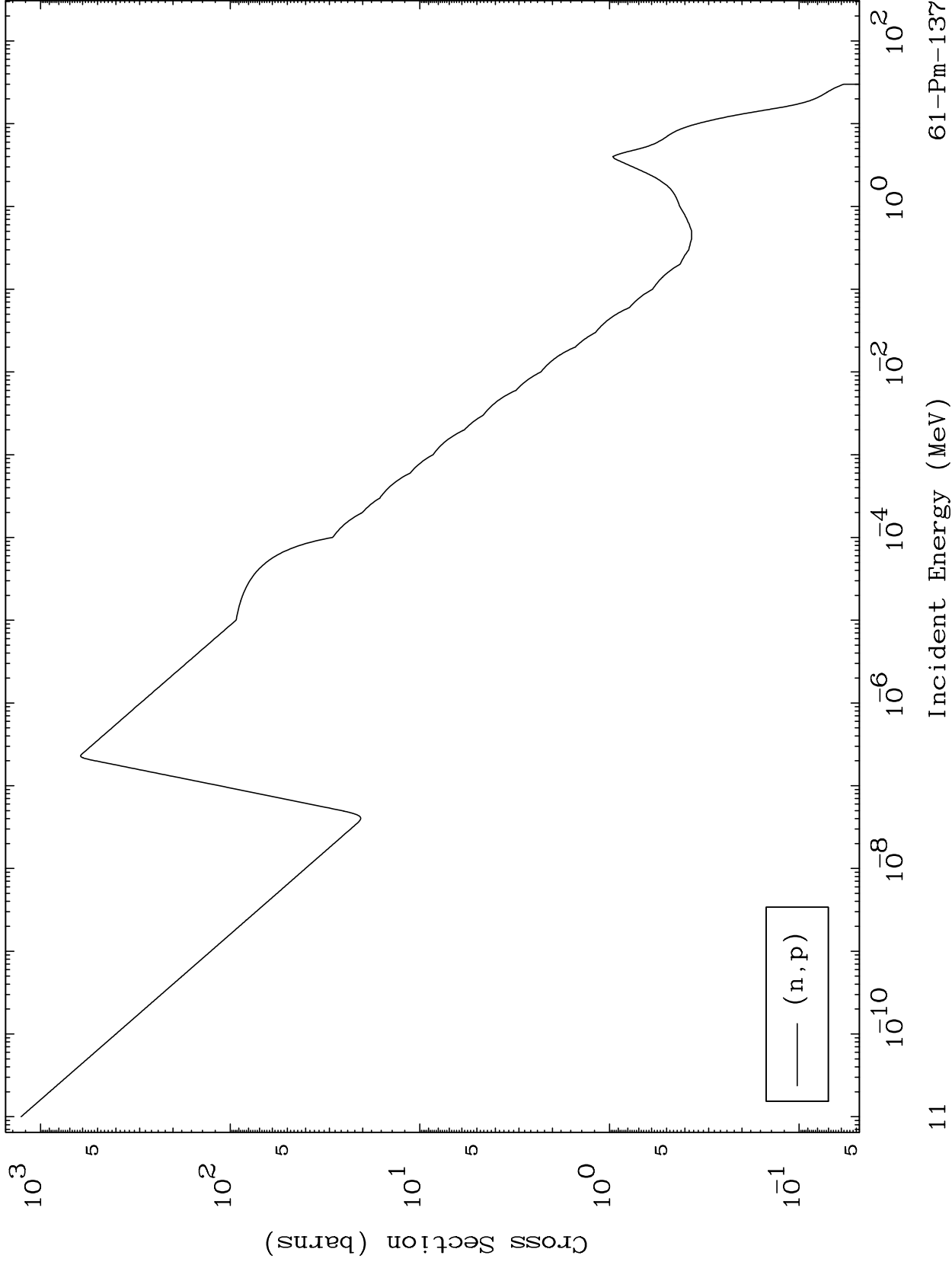
Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,p) Levels
293 Kelvin Cross Sections

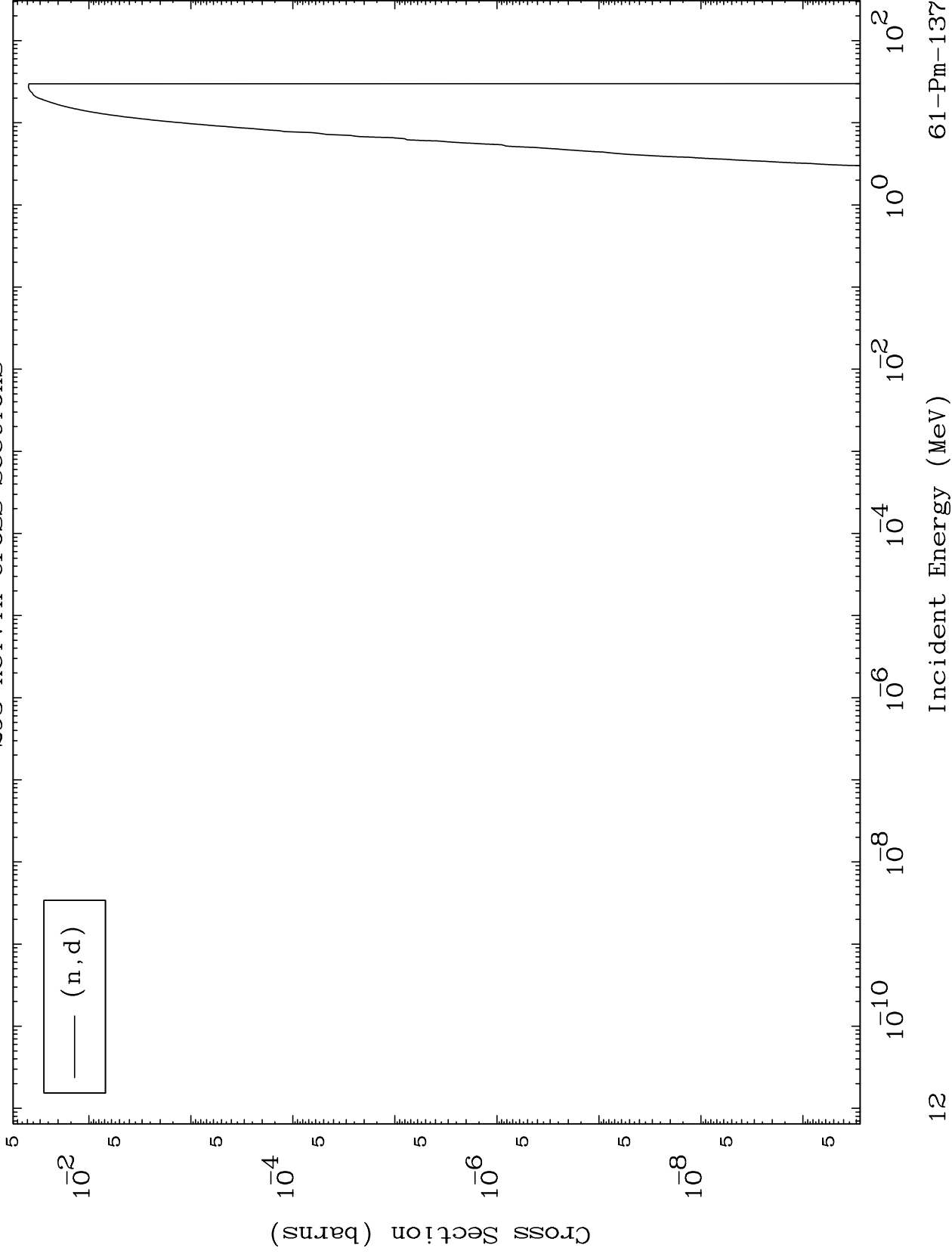
61-Pm-137



MAT 6119

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-137



12

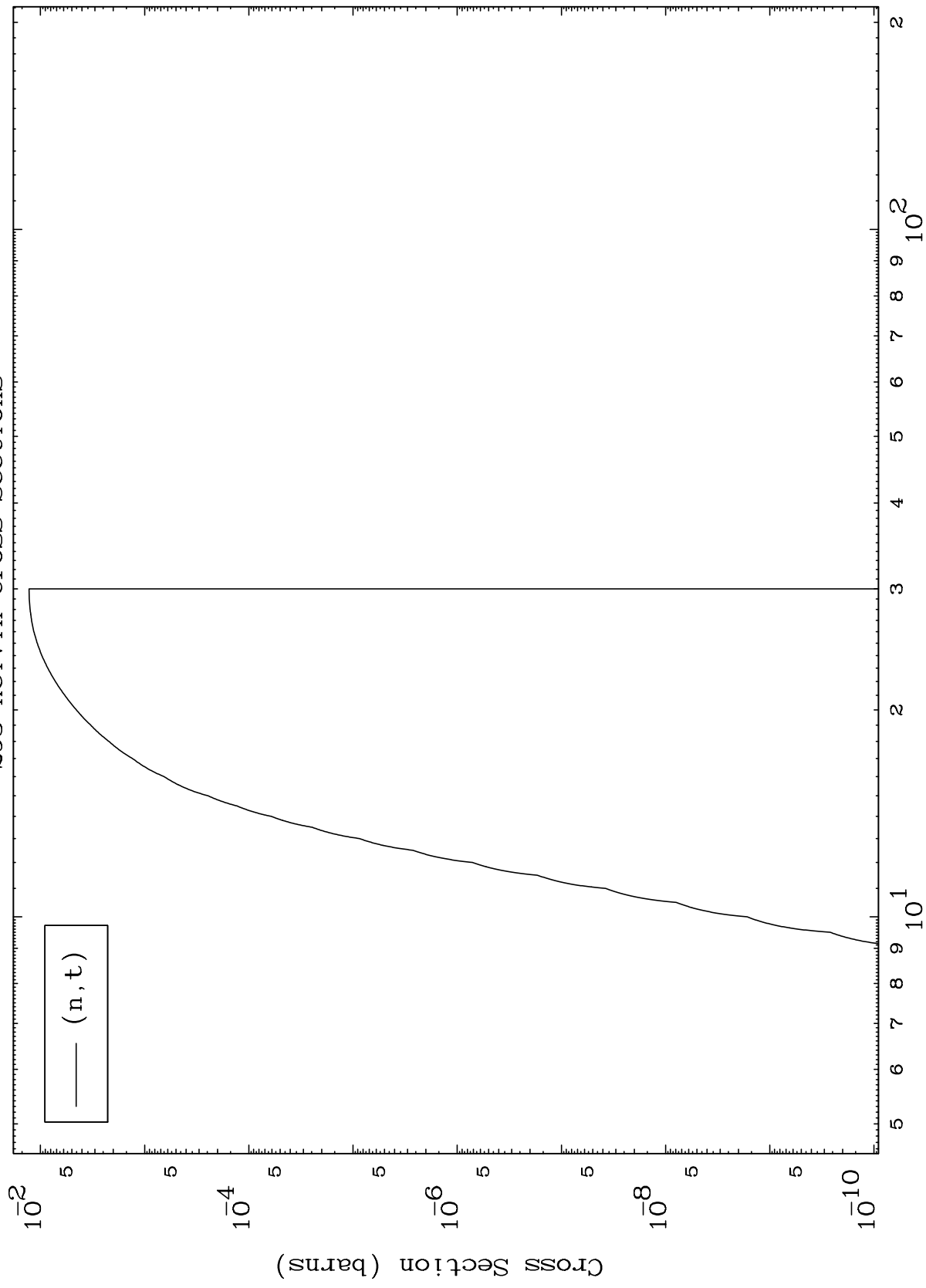
Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-137



13

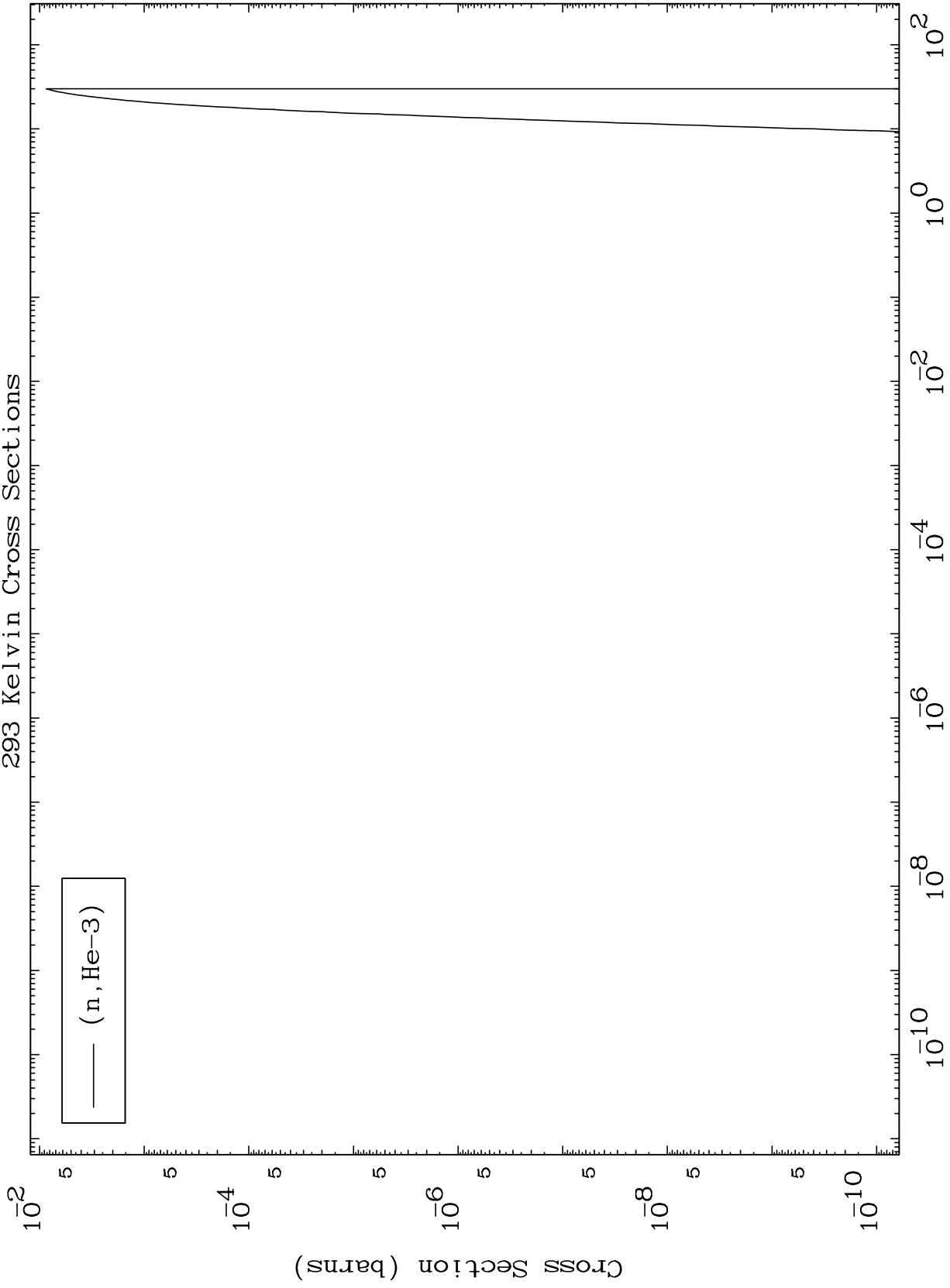
Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,He3) Levels
293 Kelvin Cross Sections

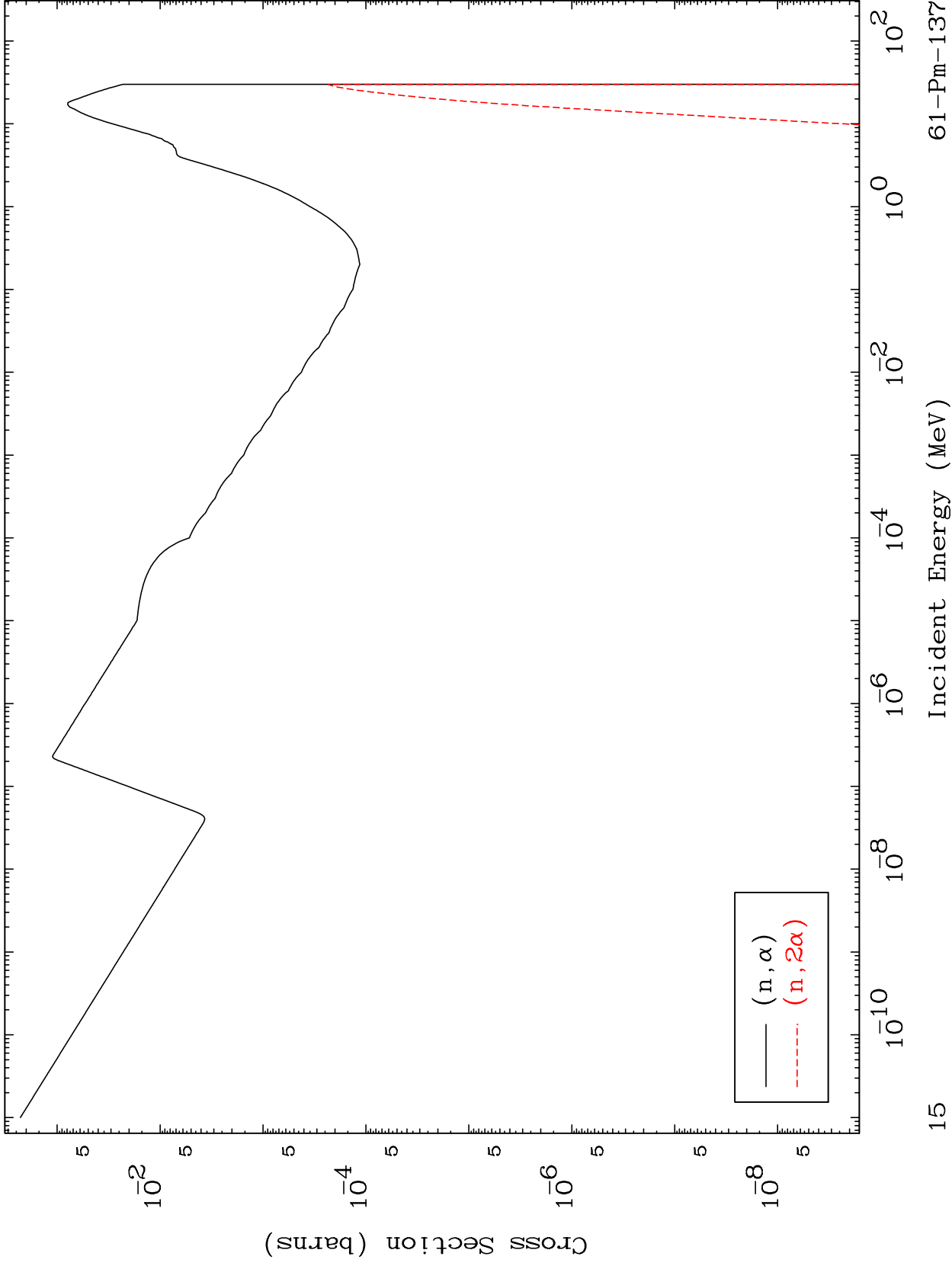
61-Pm-137



MAT 6119

(n, α) Levels
293 Kelvin Cross Sections

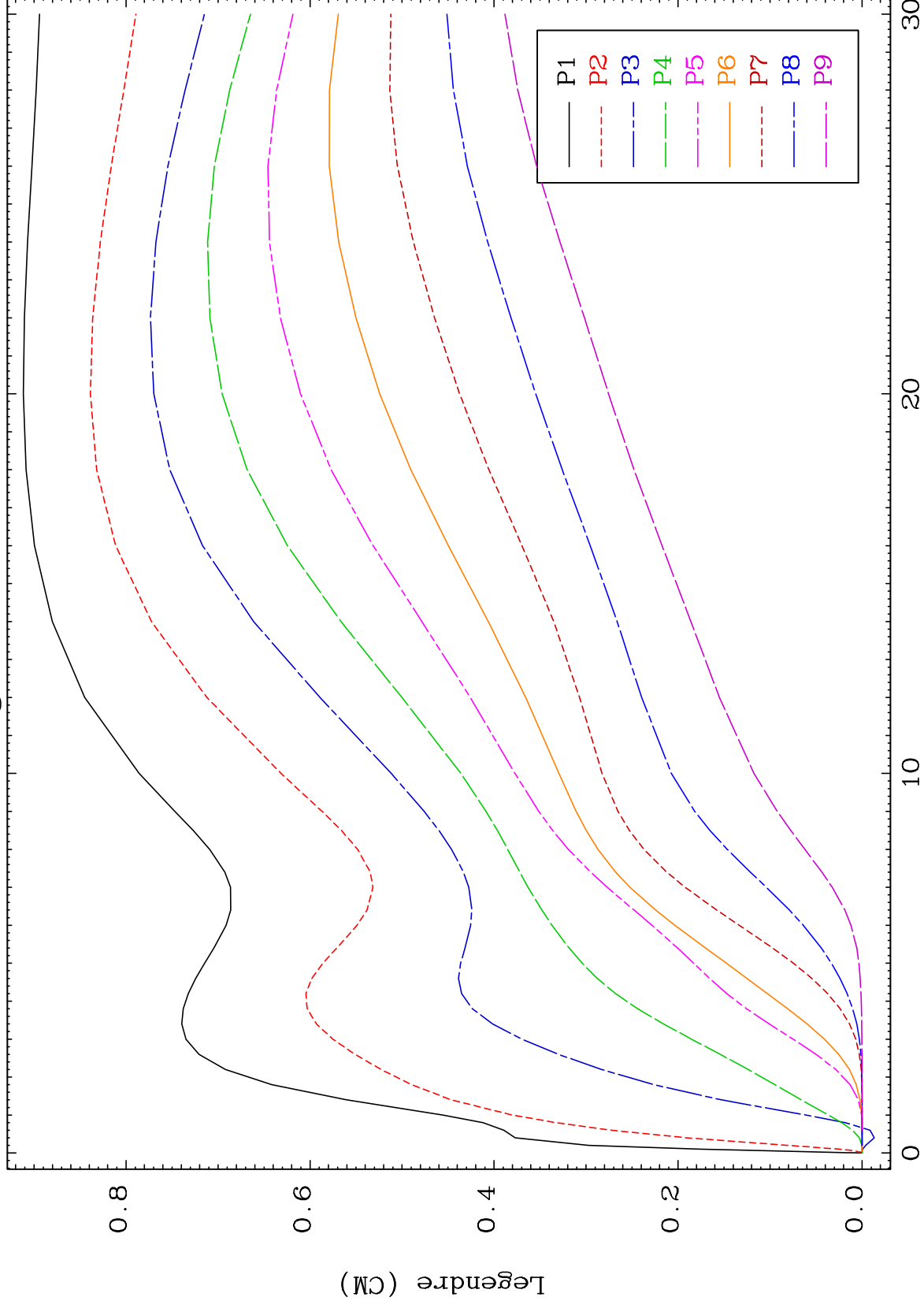
61-Pm-137



MAT 6119

Elastic Legendre Coefficients

61-Pm-137



16

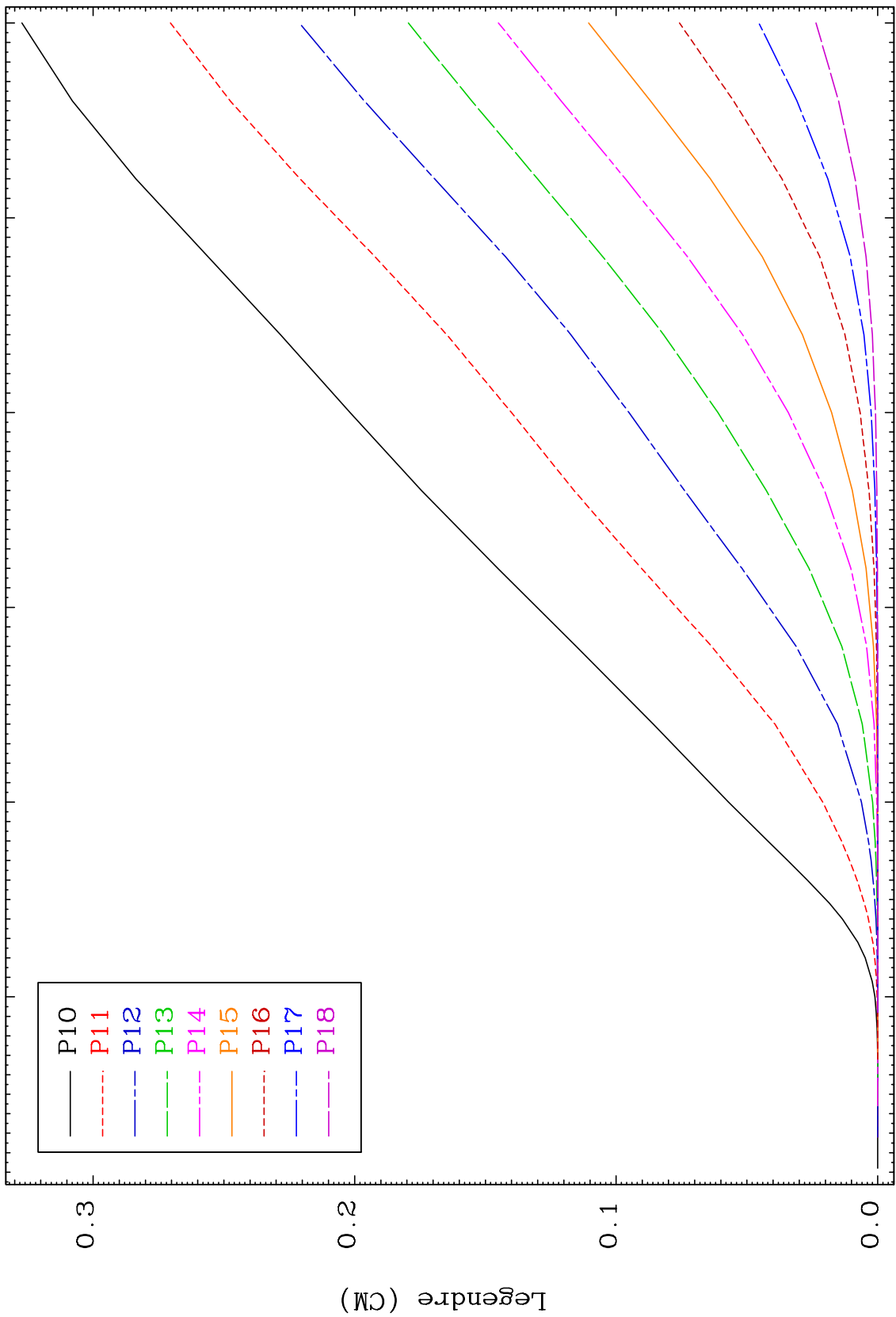
Incident Energy (MeV)

61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



17

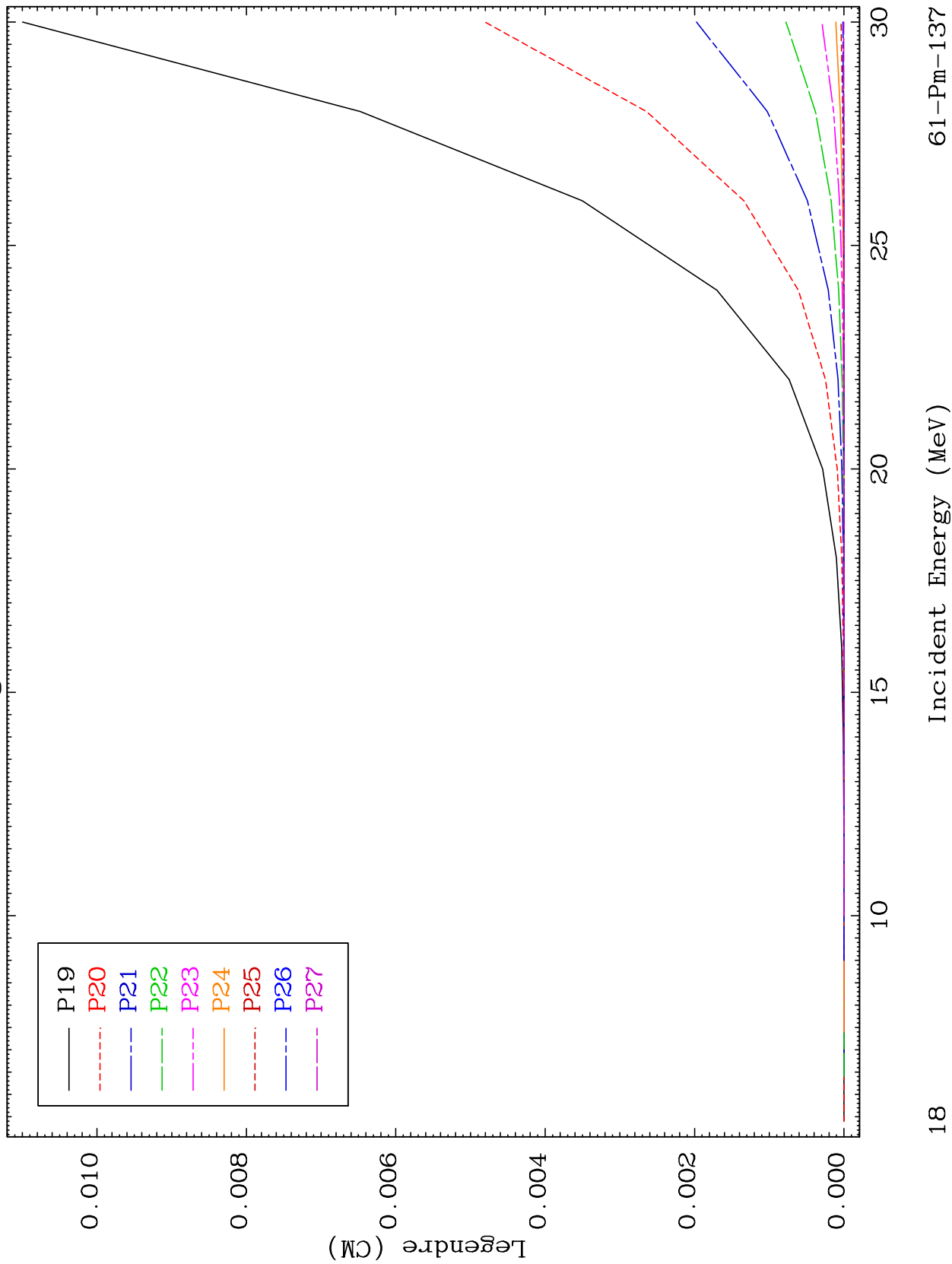
Incident Energy (MeV)

61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



18

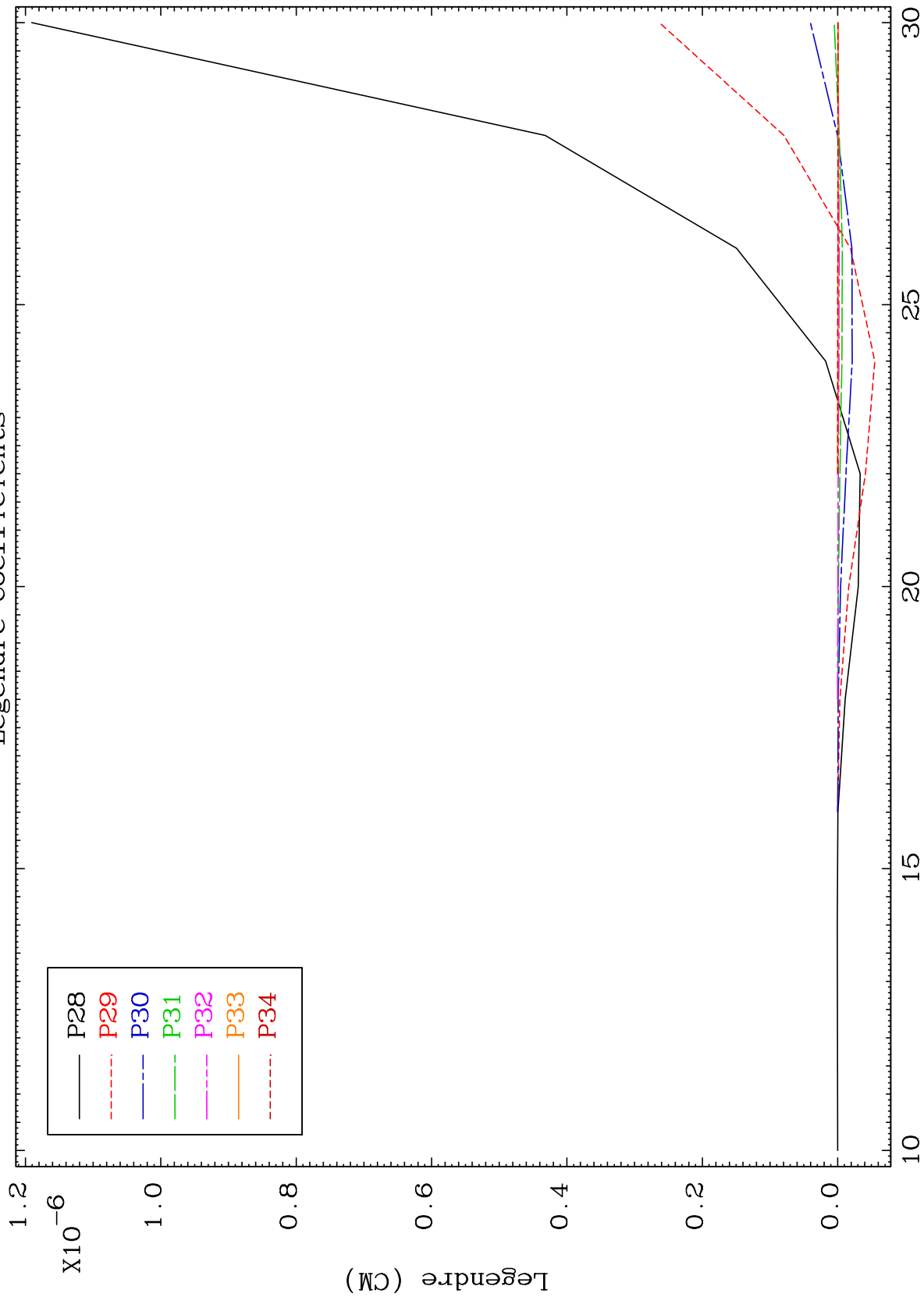
Incident Energy (MeV)

61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



19

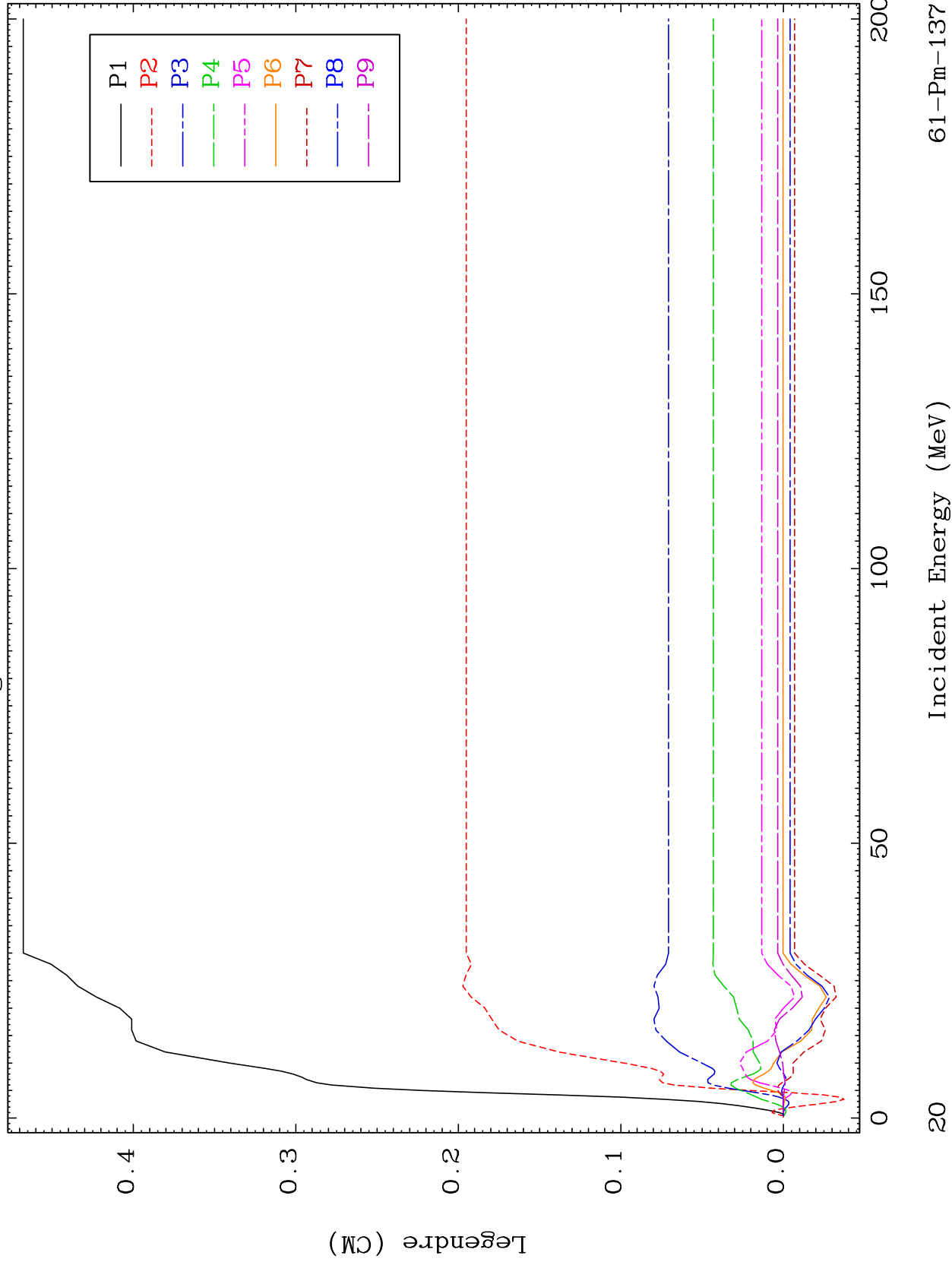
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



61-Pm-137

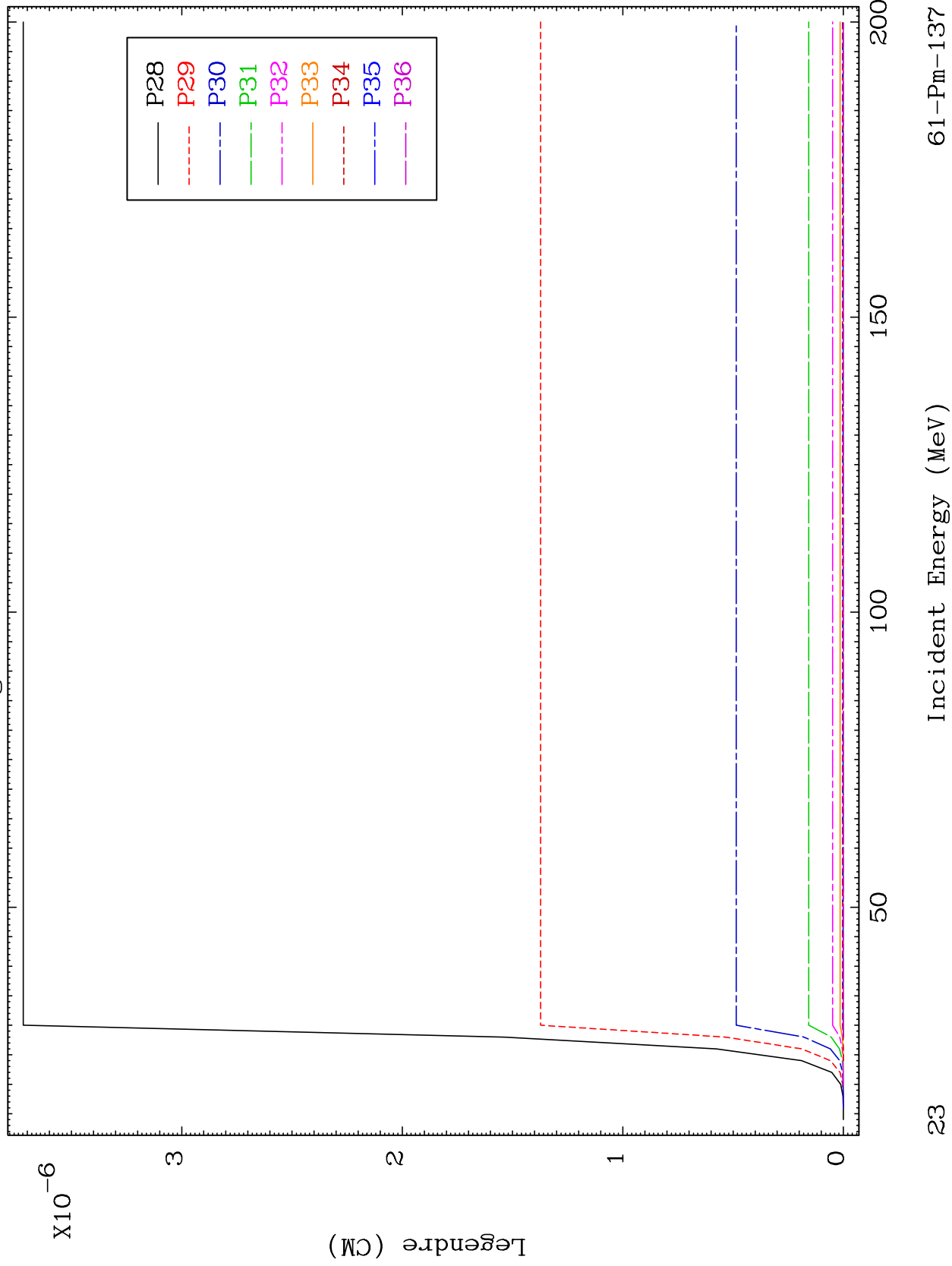
Incident Energy (MeV)

0

MAT 6119

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

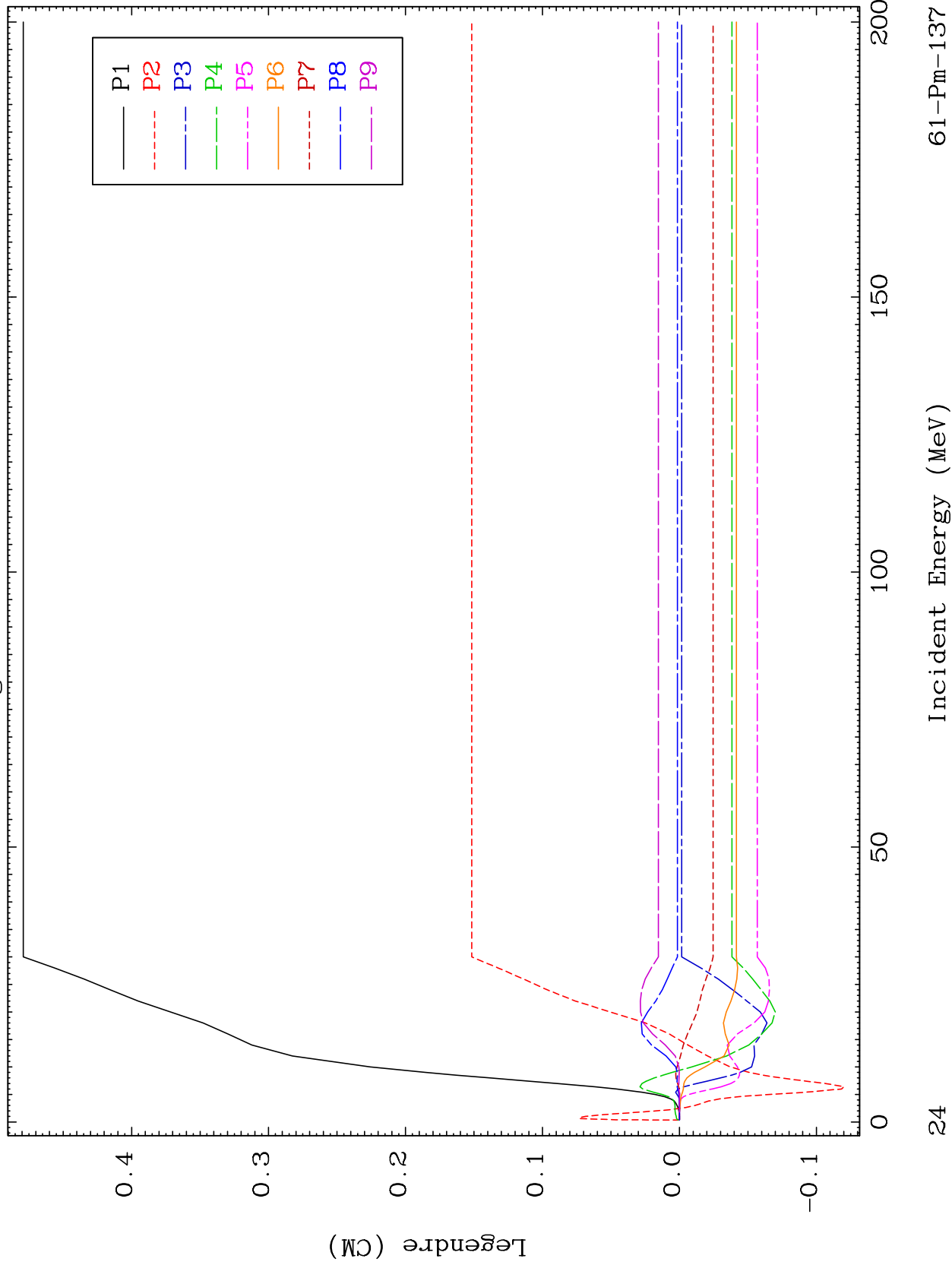
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MAT 6119

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

61-Pm-137



61-Pm-137

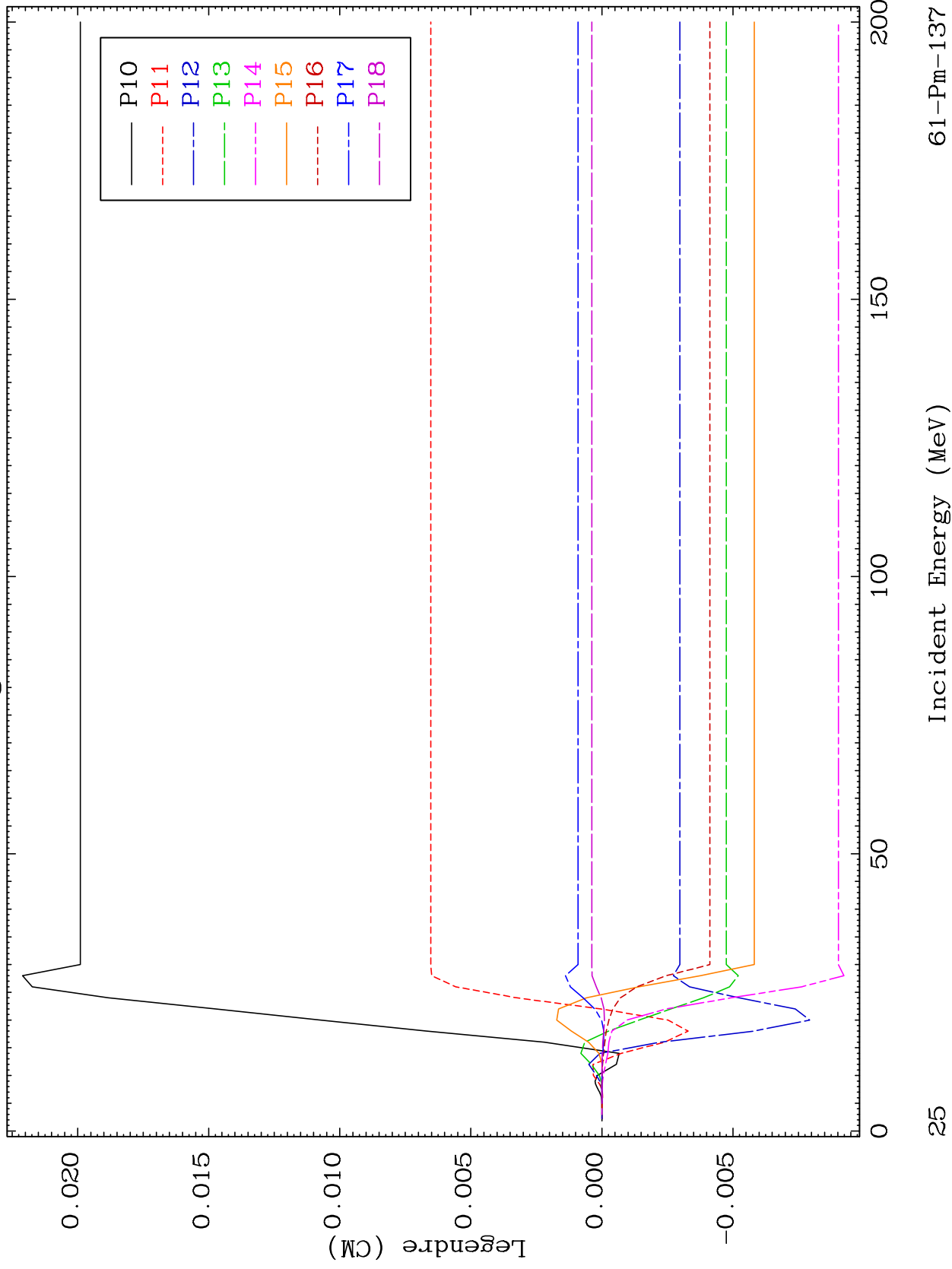
Incident Energy (MeV)

24

MAT 6119

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

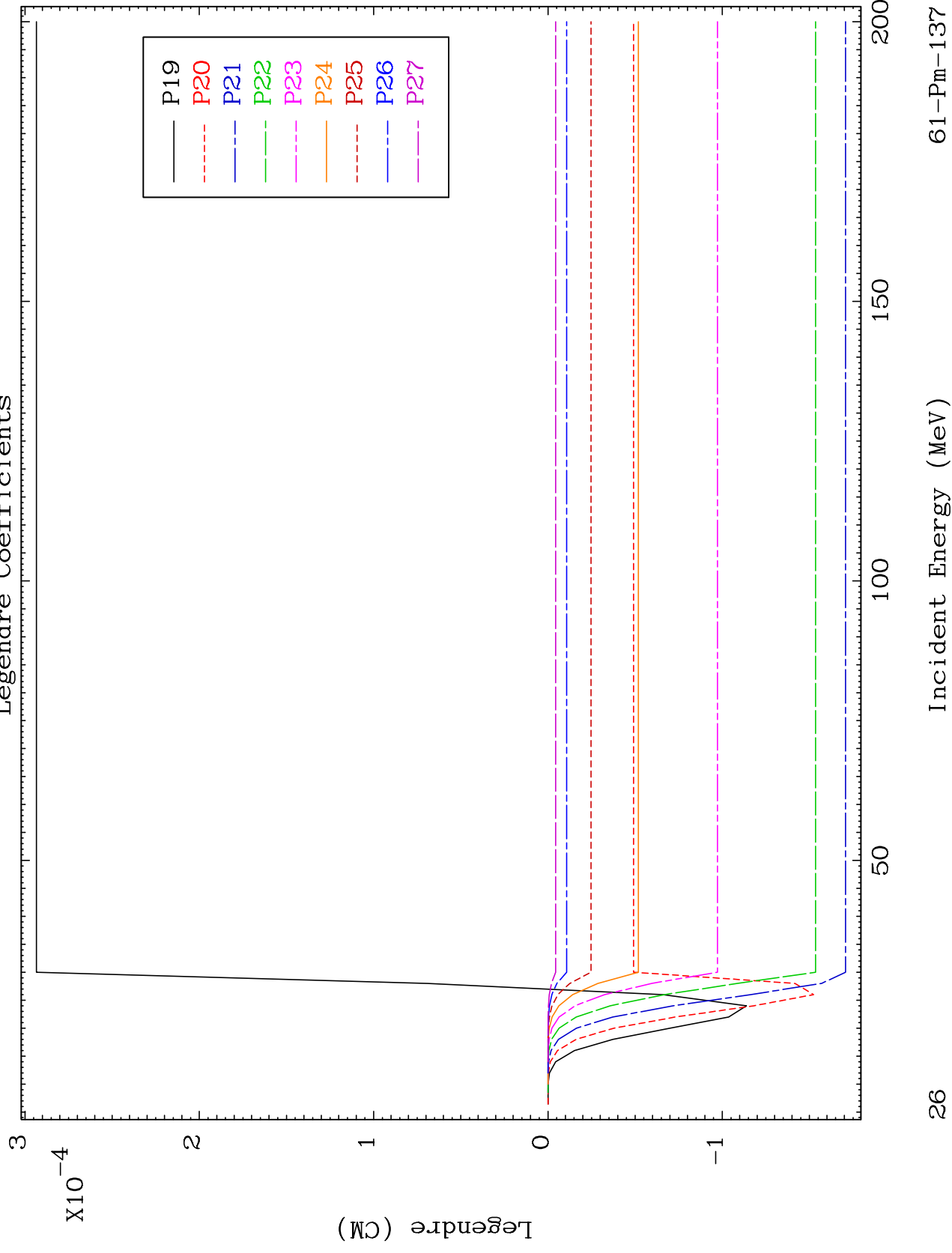
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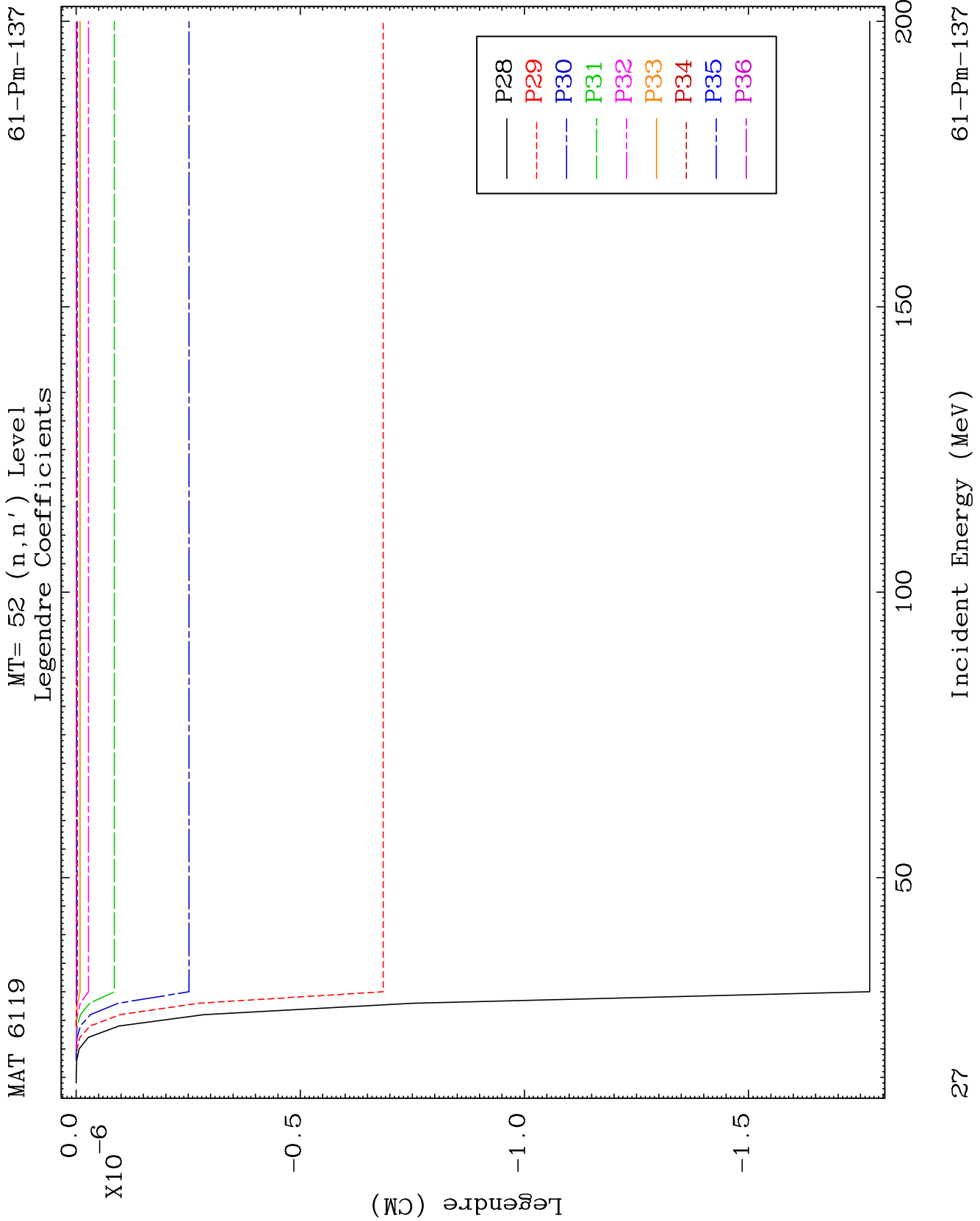


61-Pm-137

Incident Energy (MeV)

25

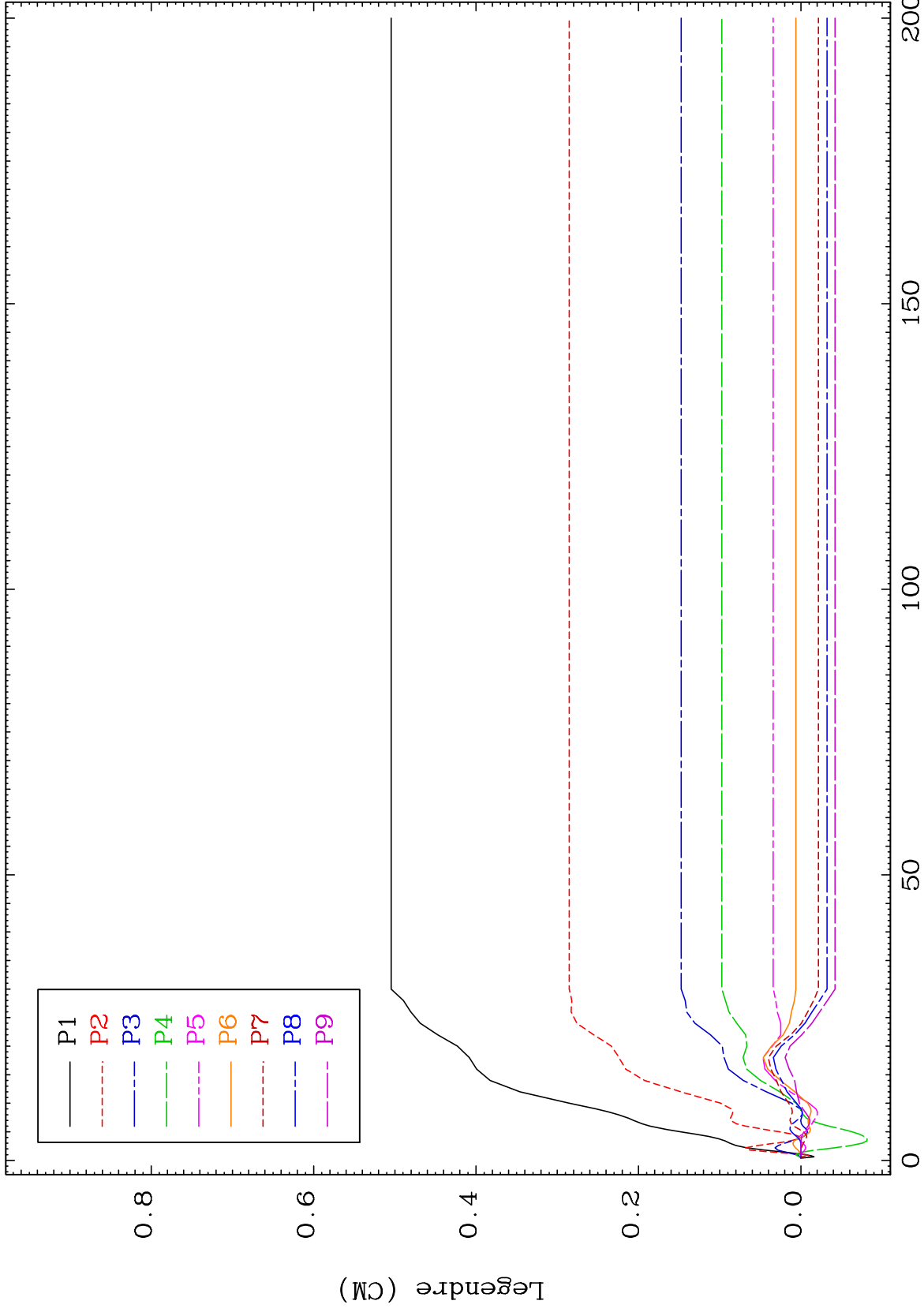




MAT 6119

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

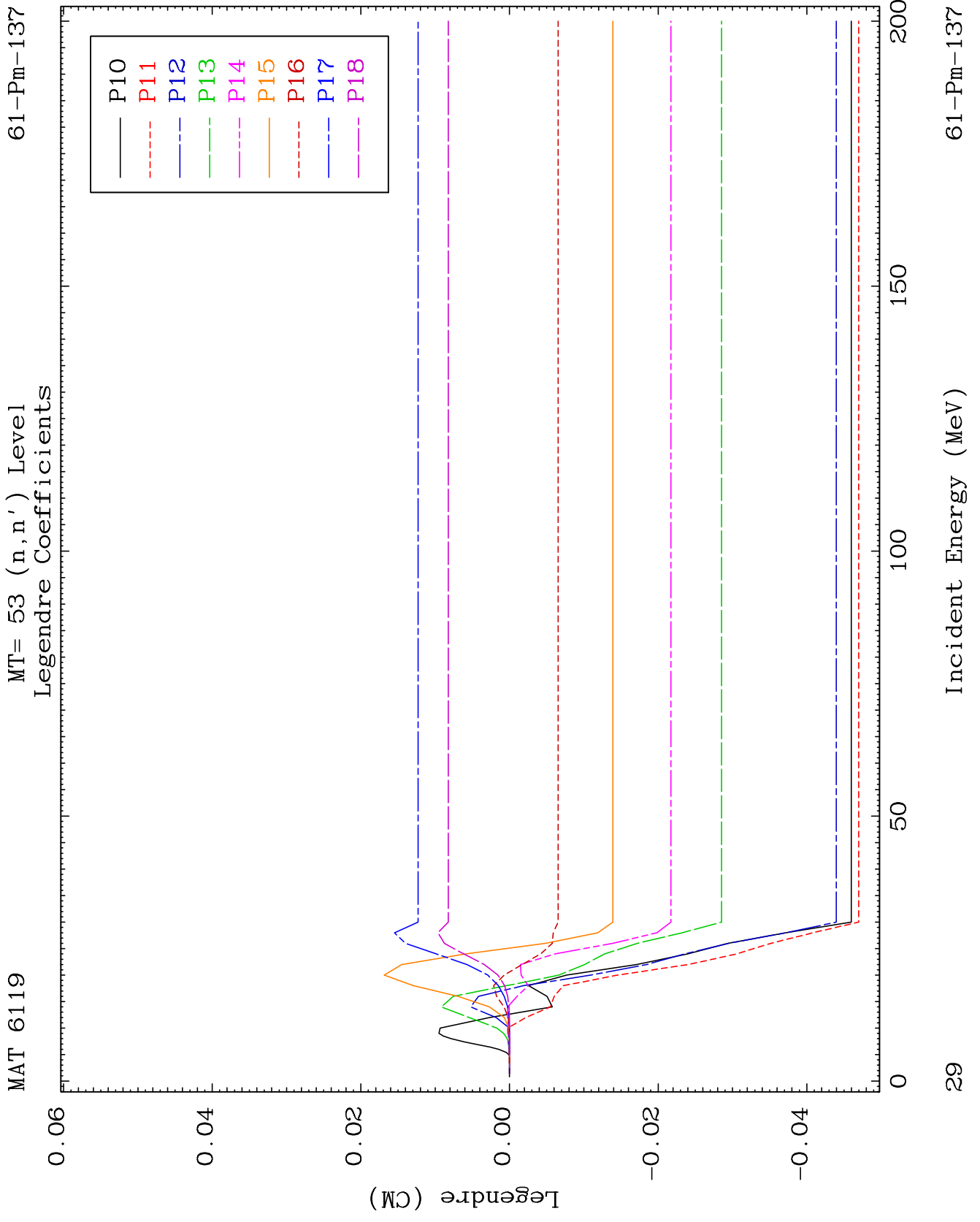
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28

Incident Energy (MeV)

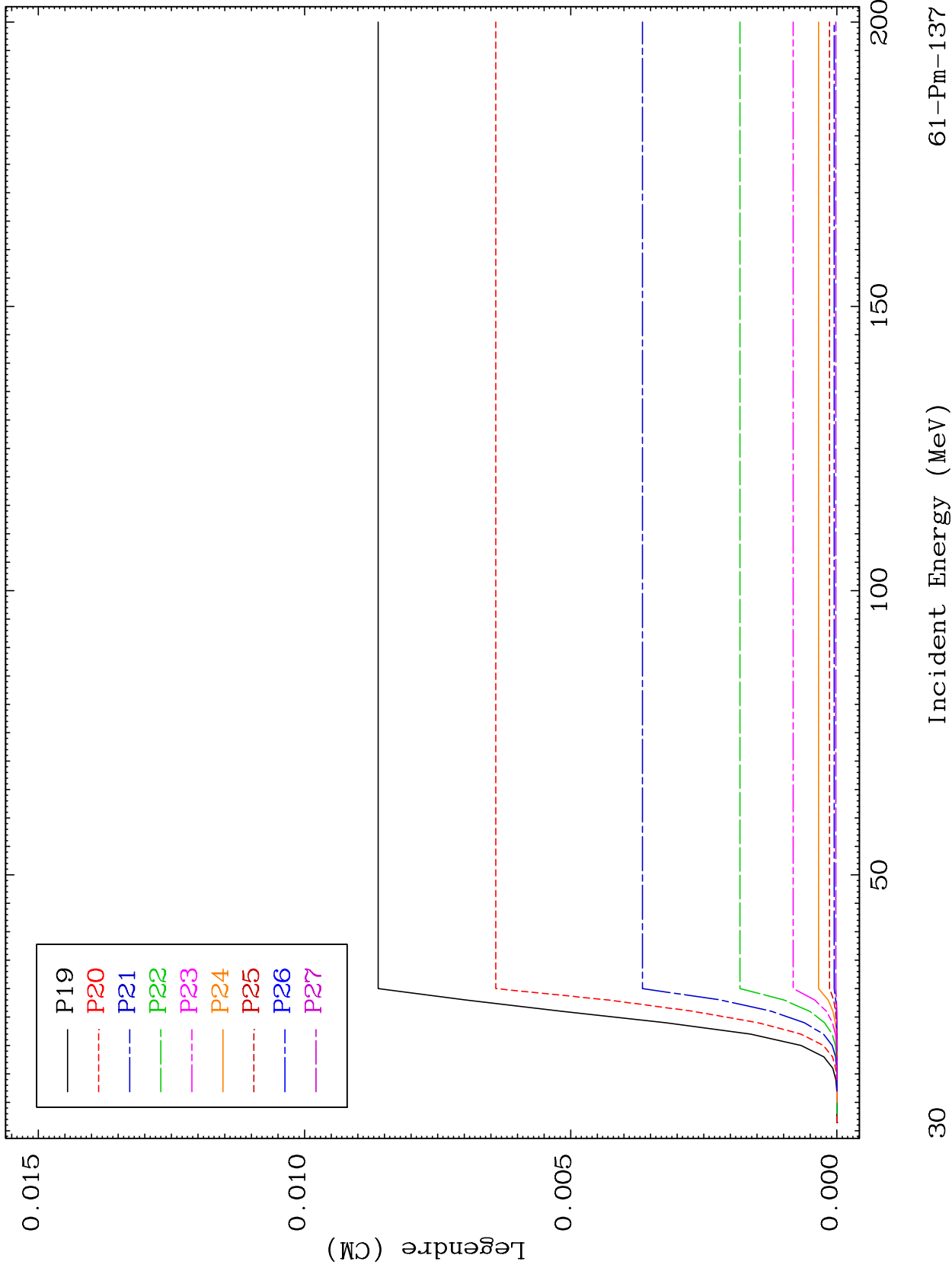
61-Pm-137



MAT 6119

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

61-Pm-137



61-Pm-137

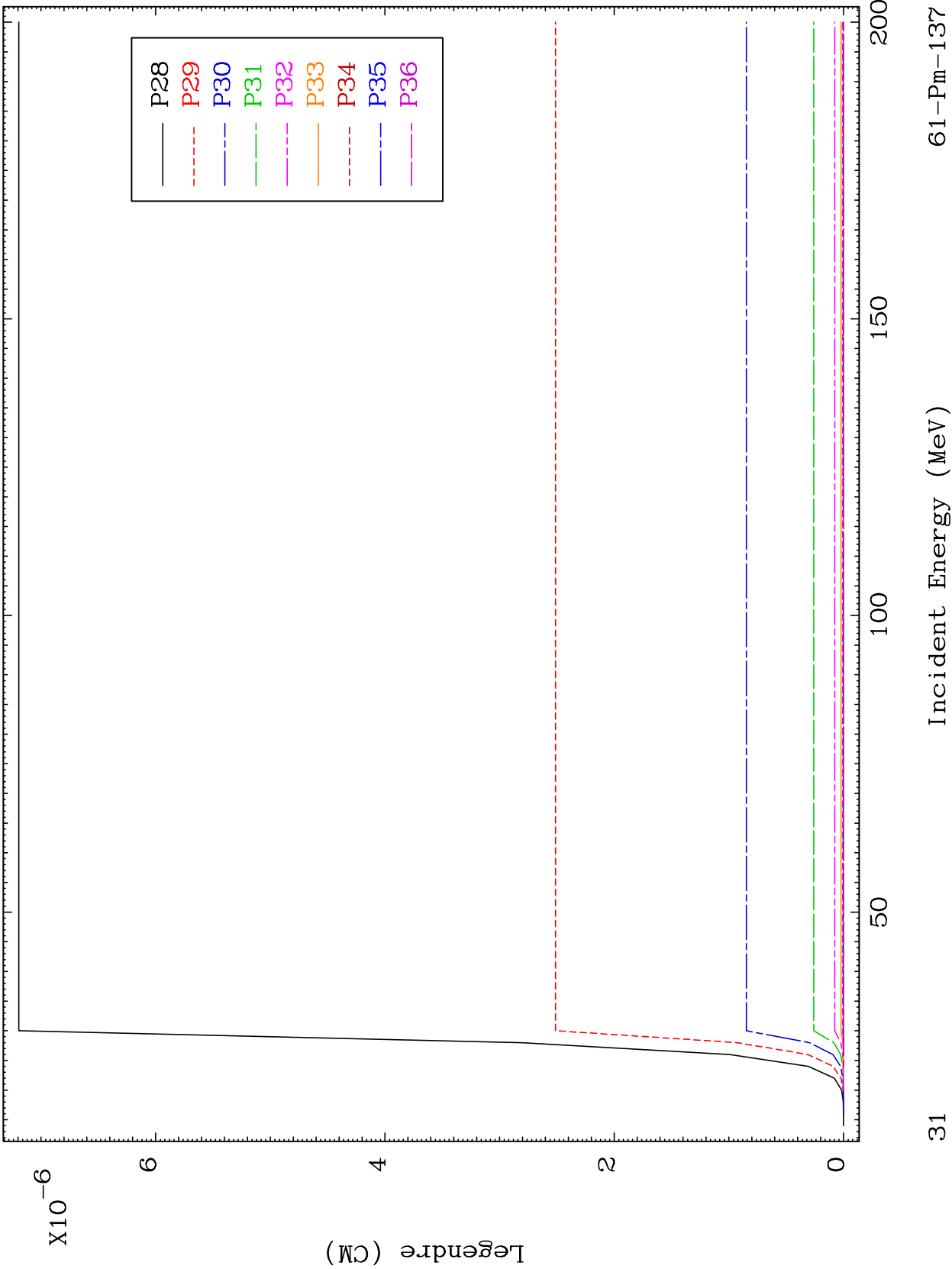
Incident Energy (MeV)

30

MAT 6119

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

61-Pm-137



31

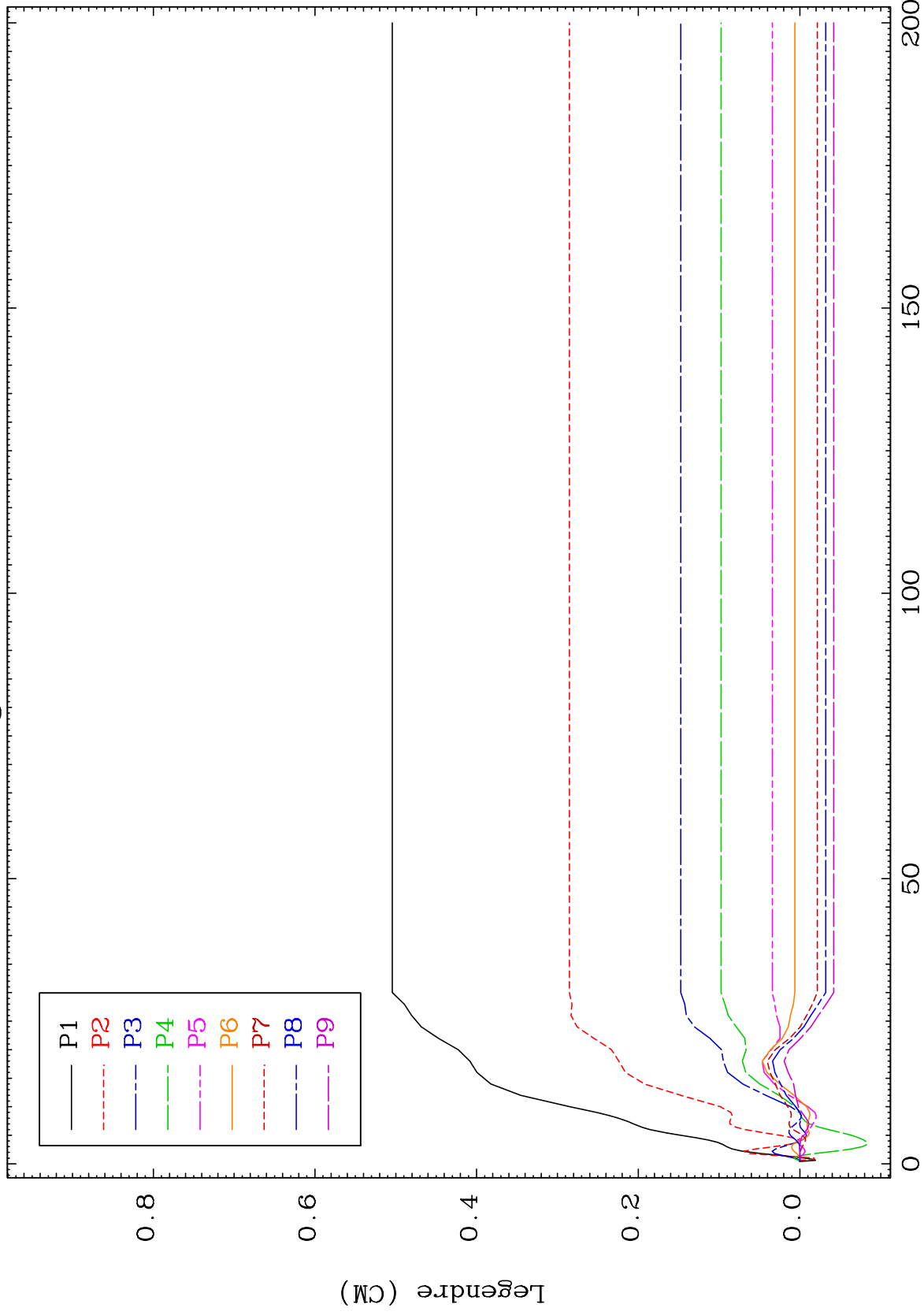
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

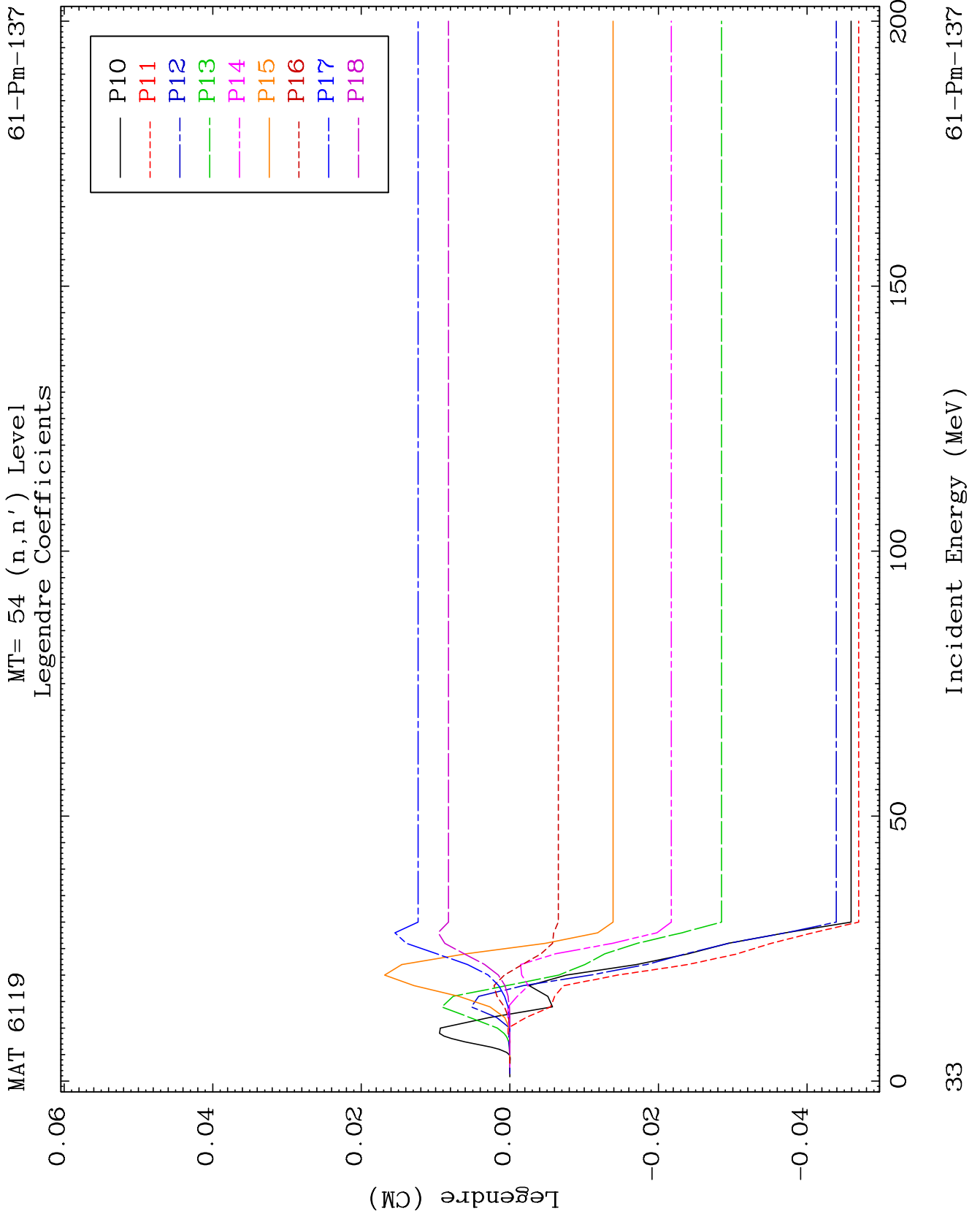
61-Pm-137



32

Incident Energy (MeV)

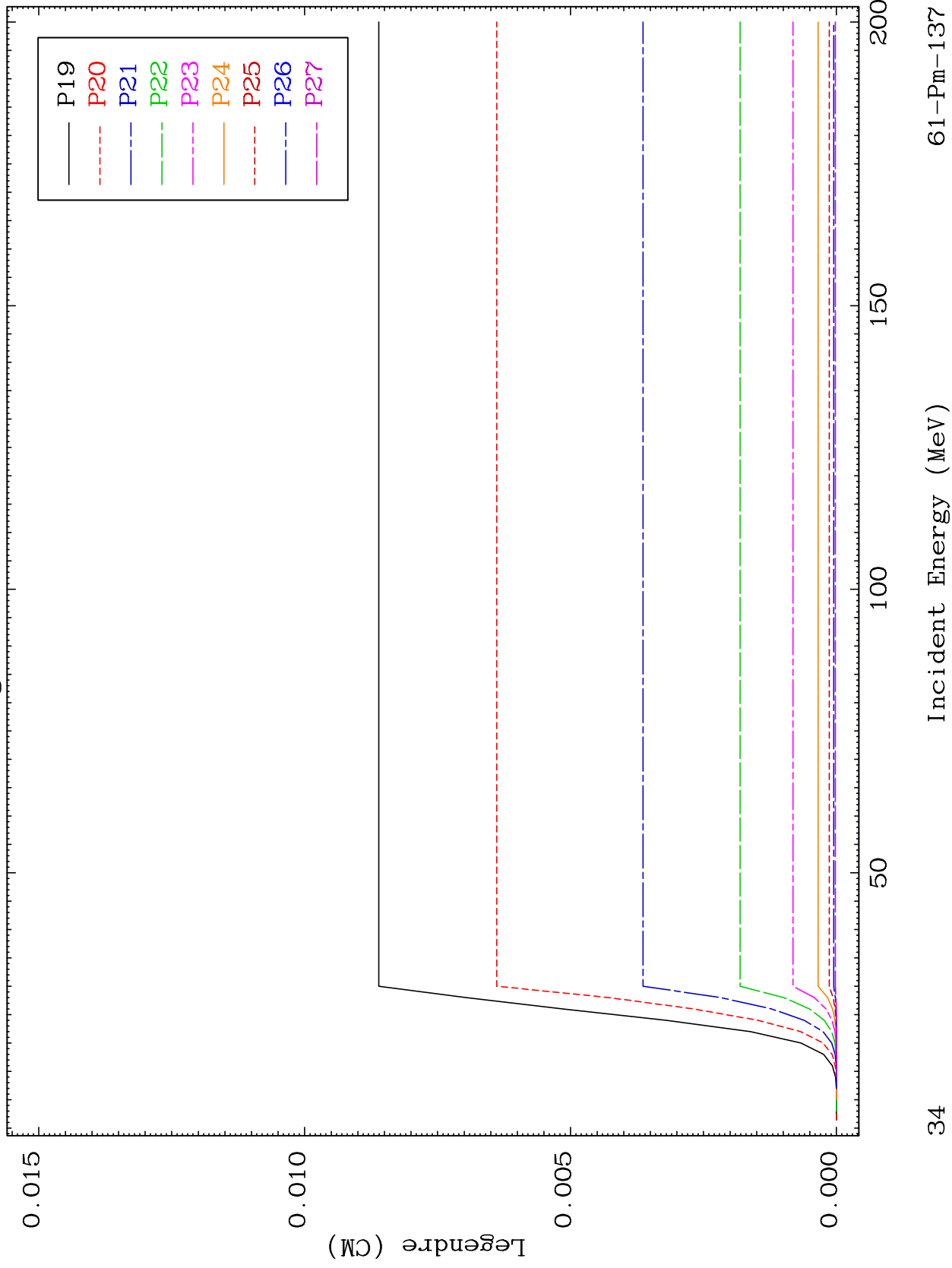
61-Pm-137



MAT 6119

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

61-Pm-137



34

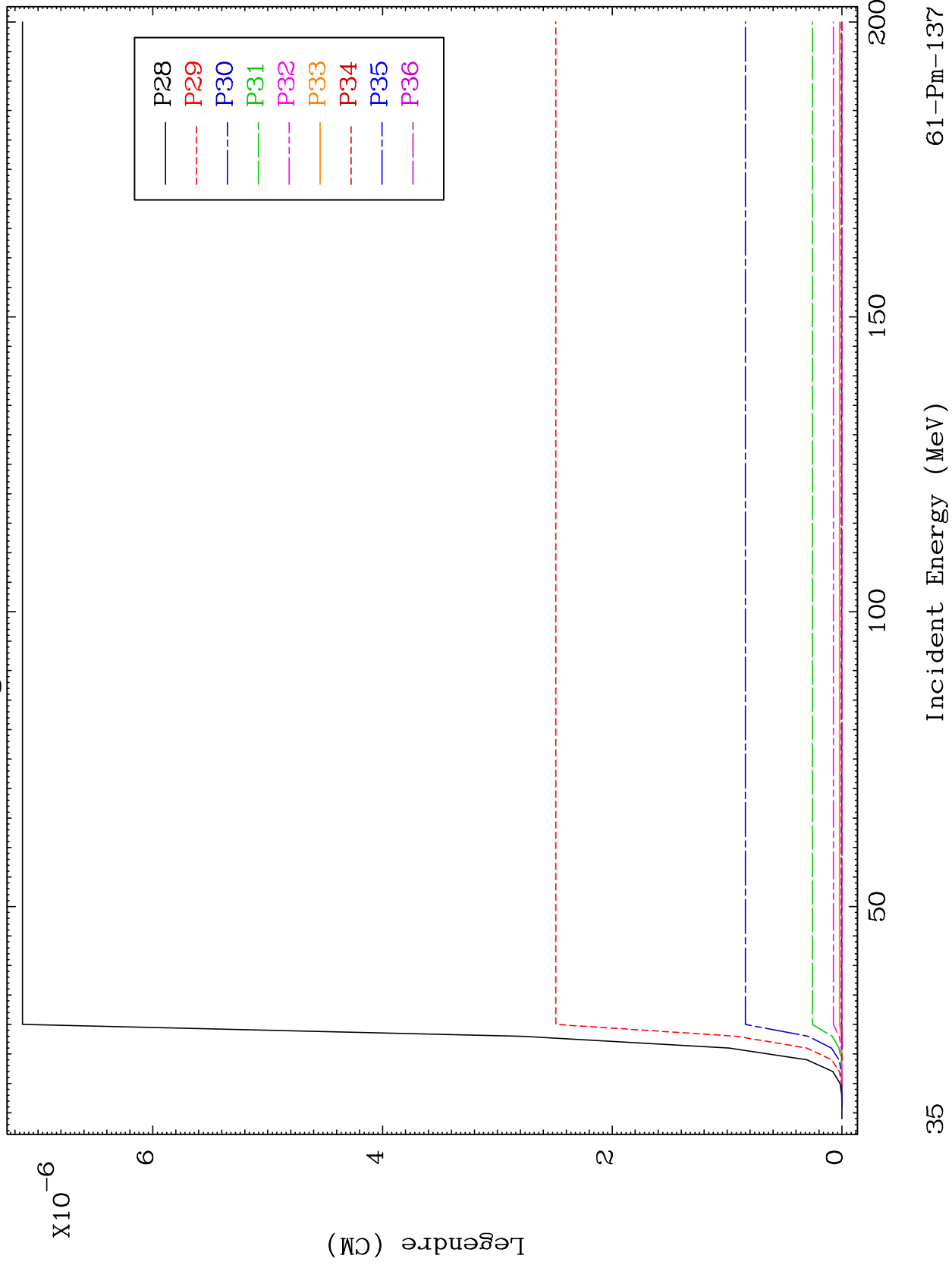
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



35

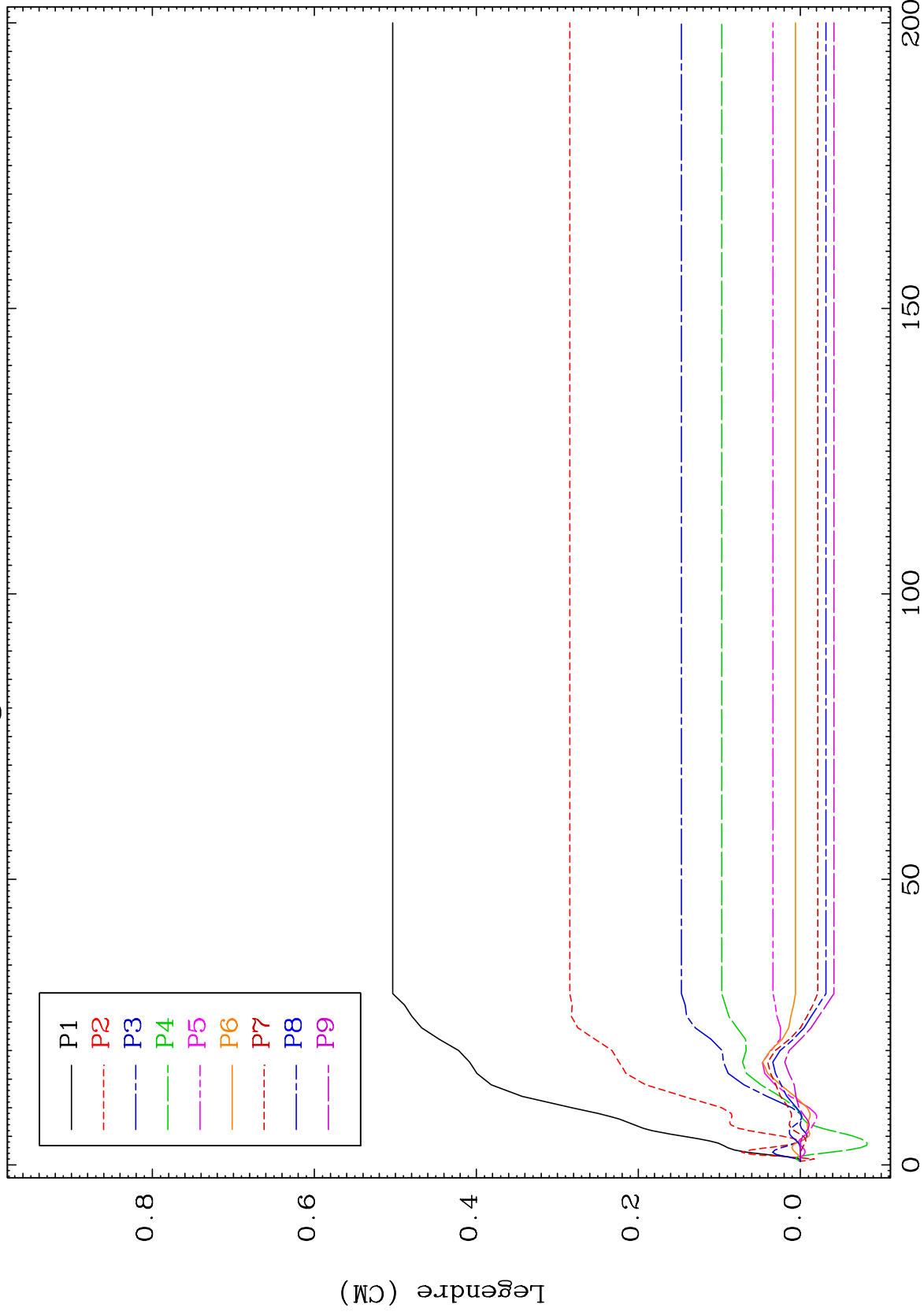
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

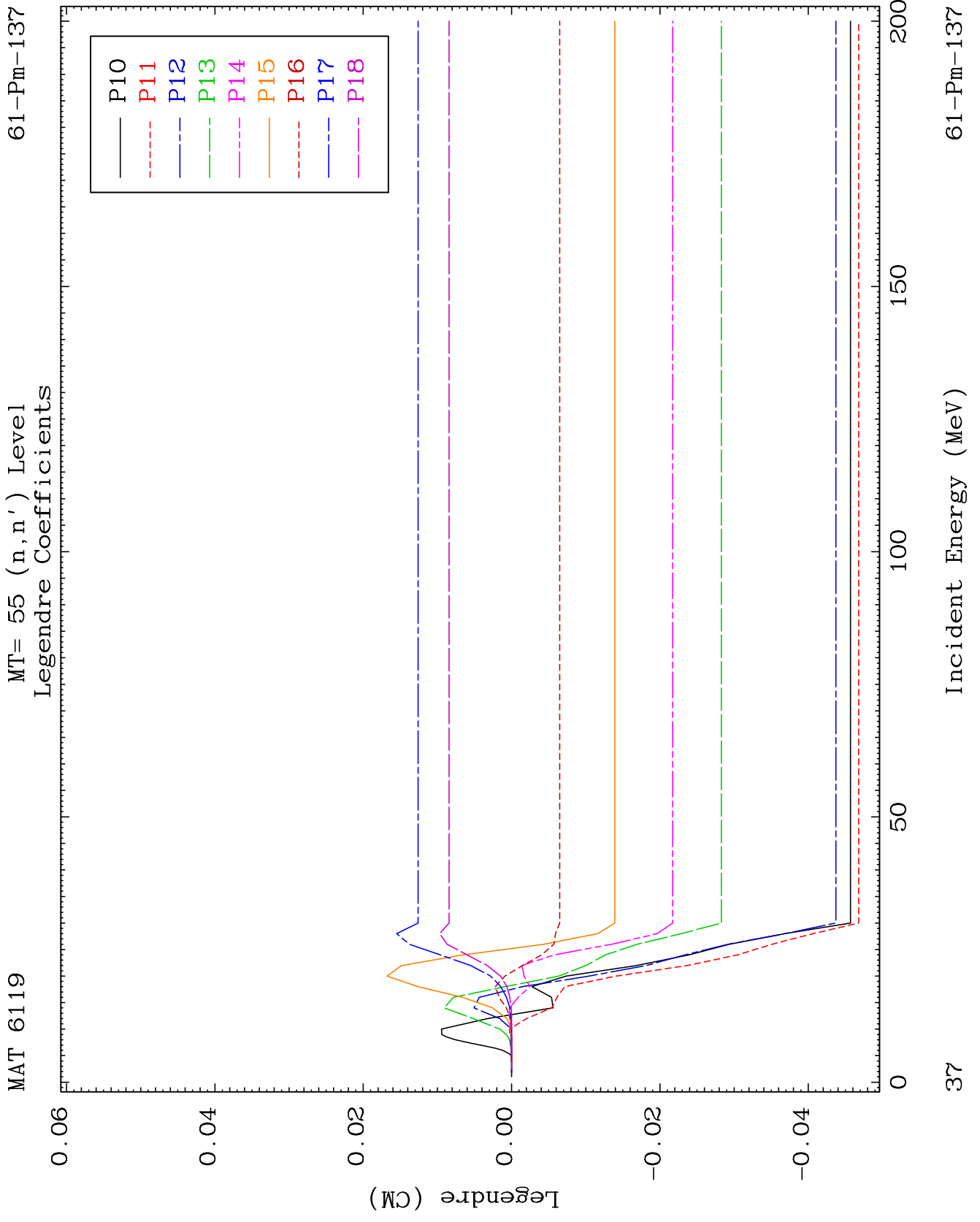
61-Pm-137



36

Incident Energy (MeV)

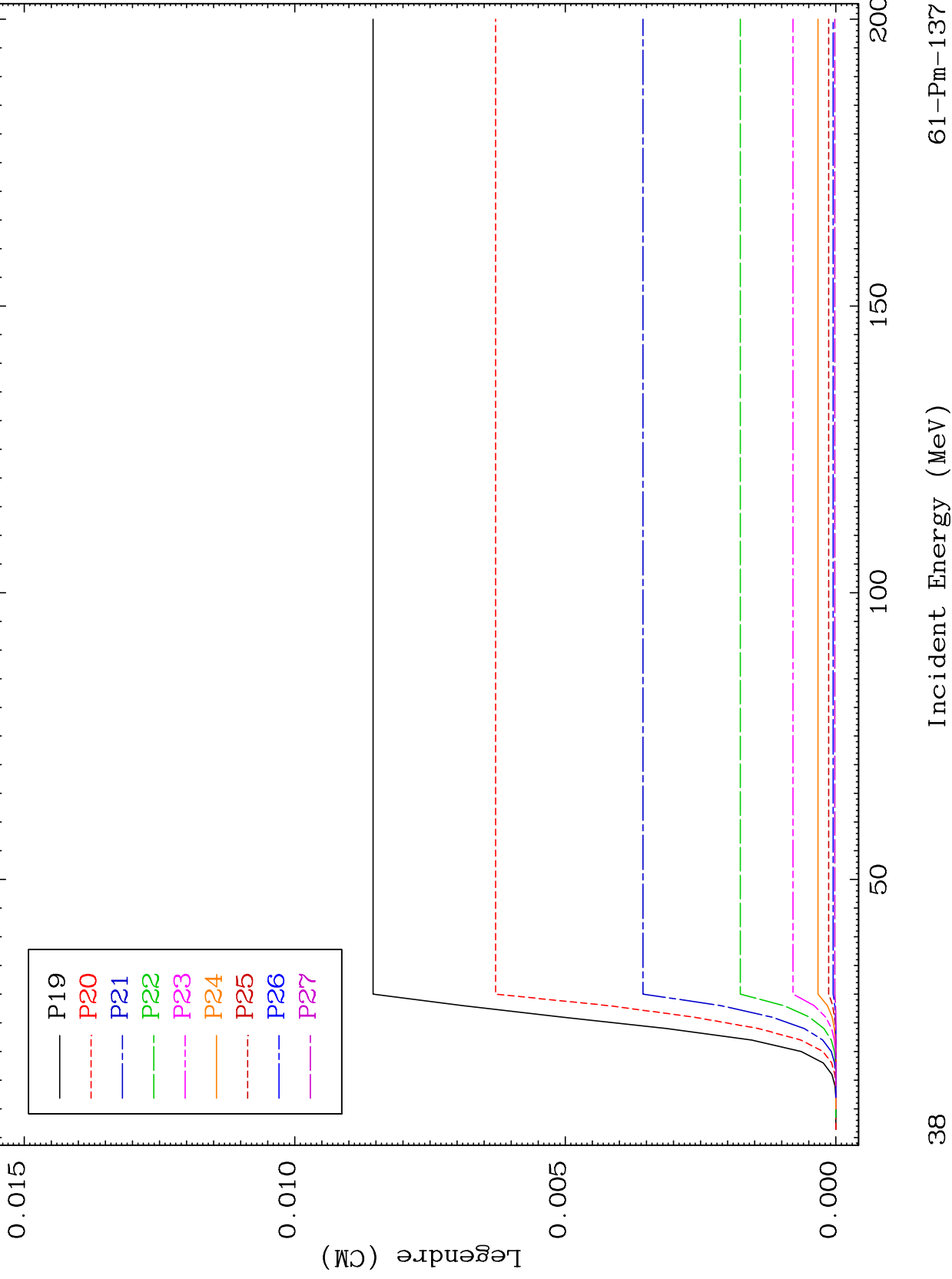
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MAT 6119

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

61-Pm-137



38

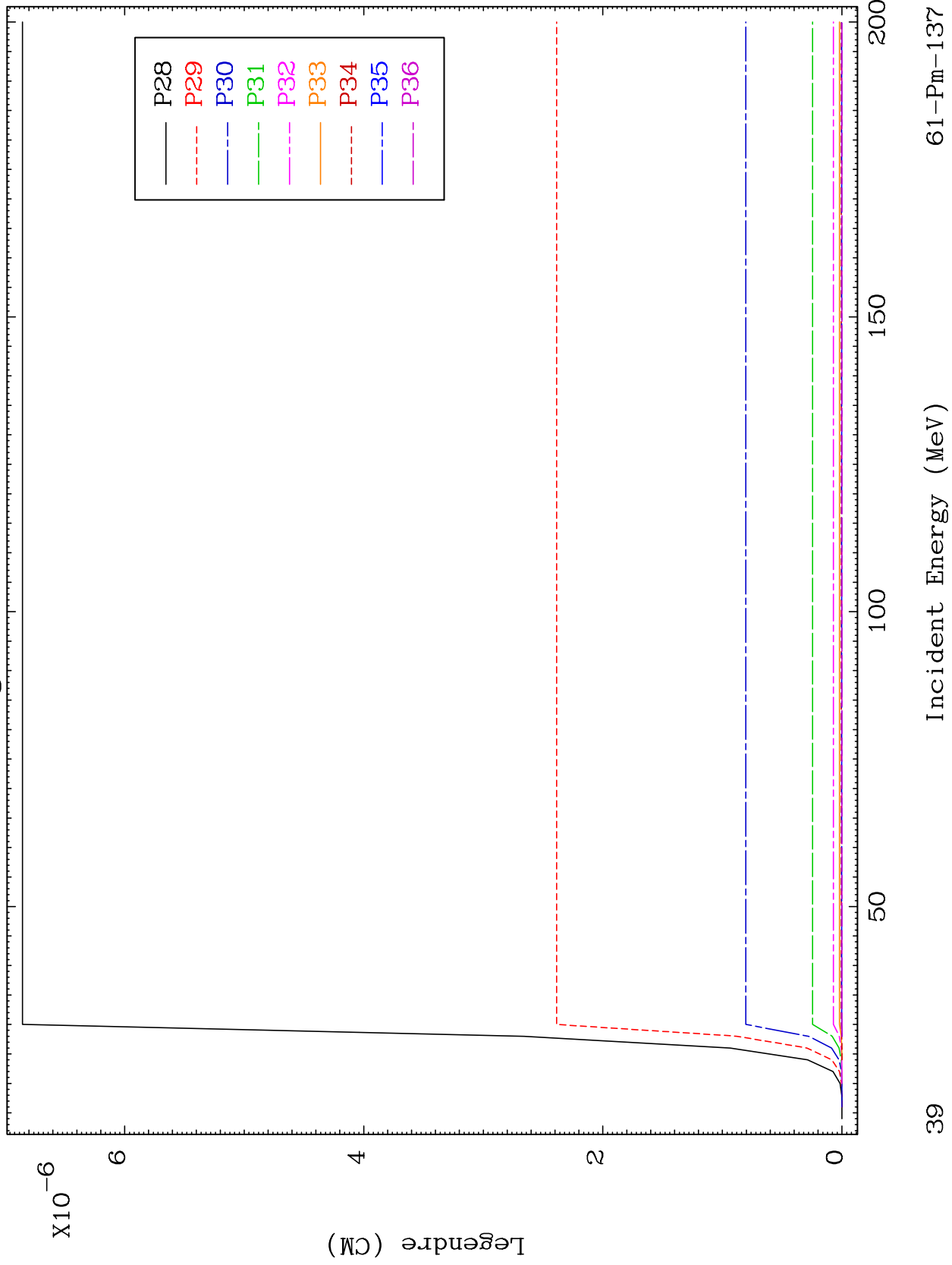
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



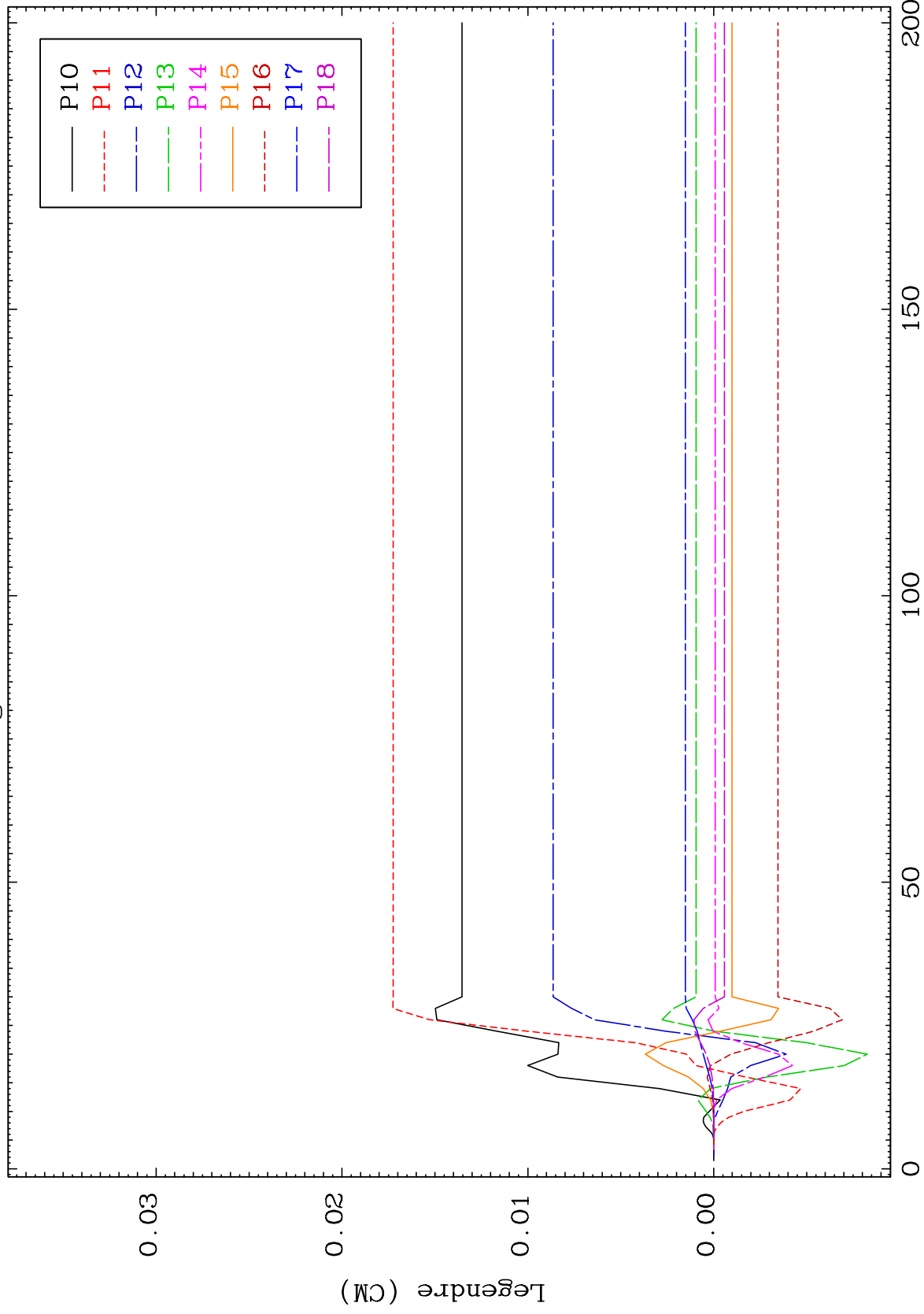
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61-Pm-137

MAT 6119

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

61-Pm-137



41

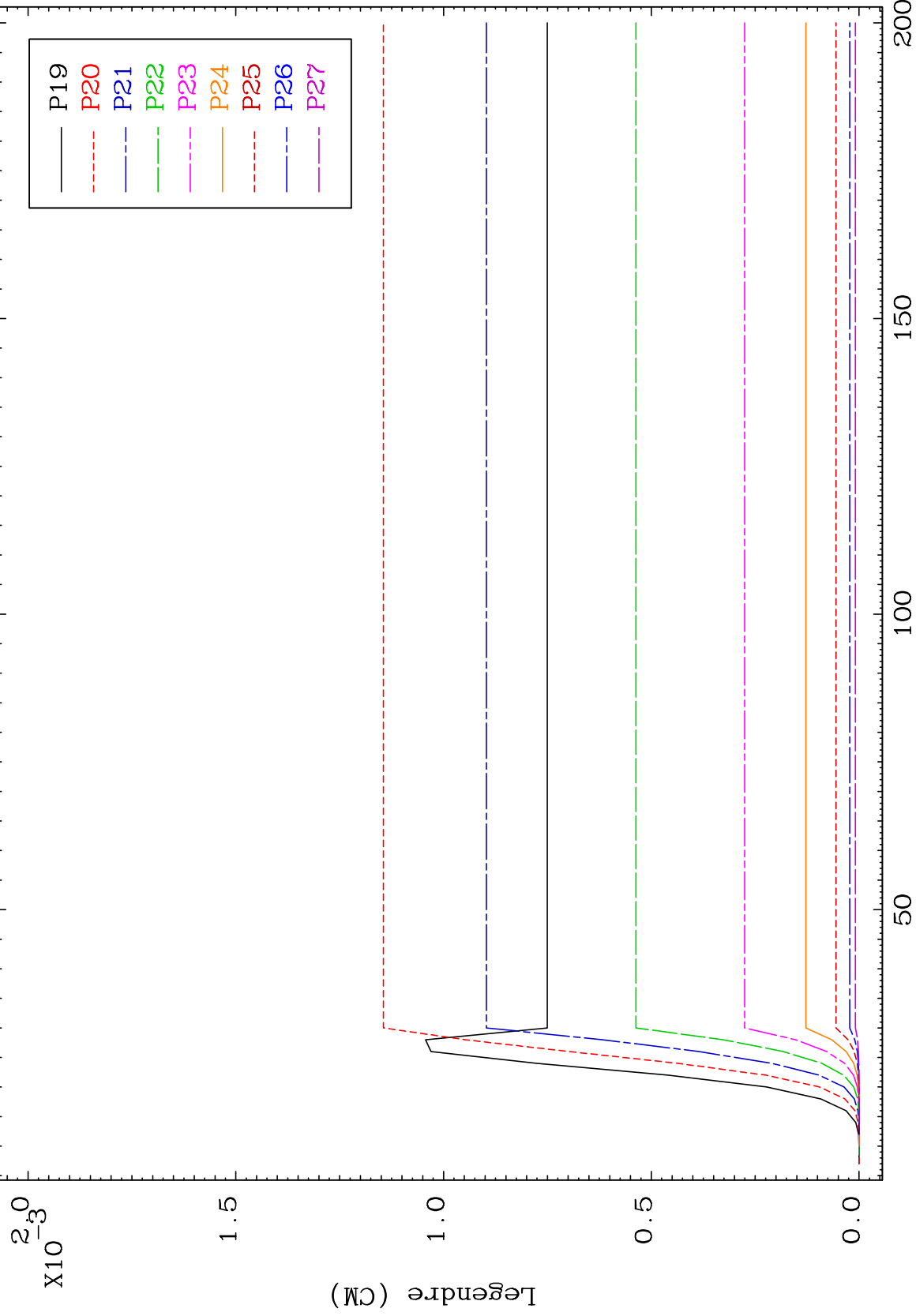
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



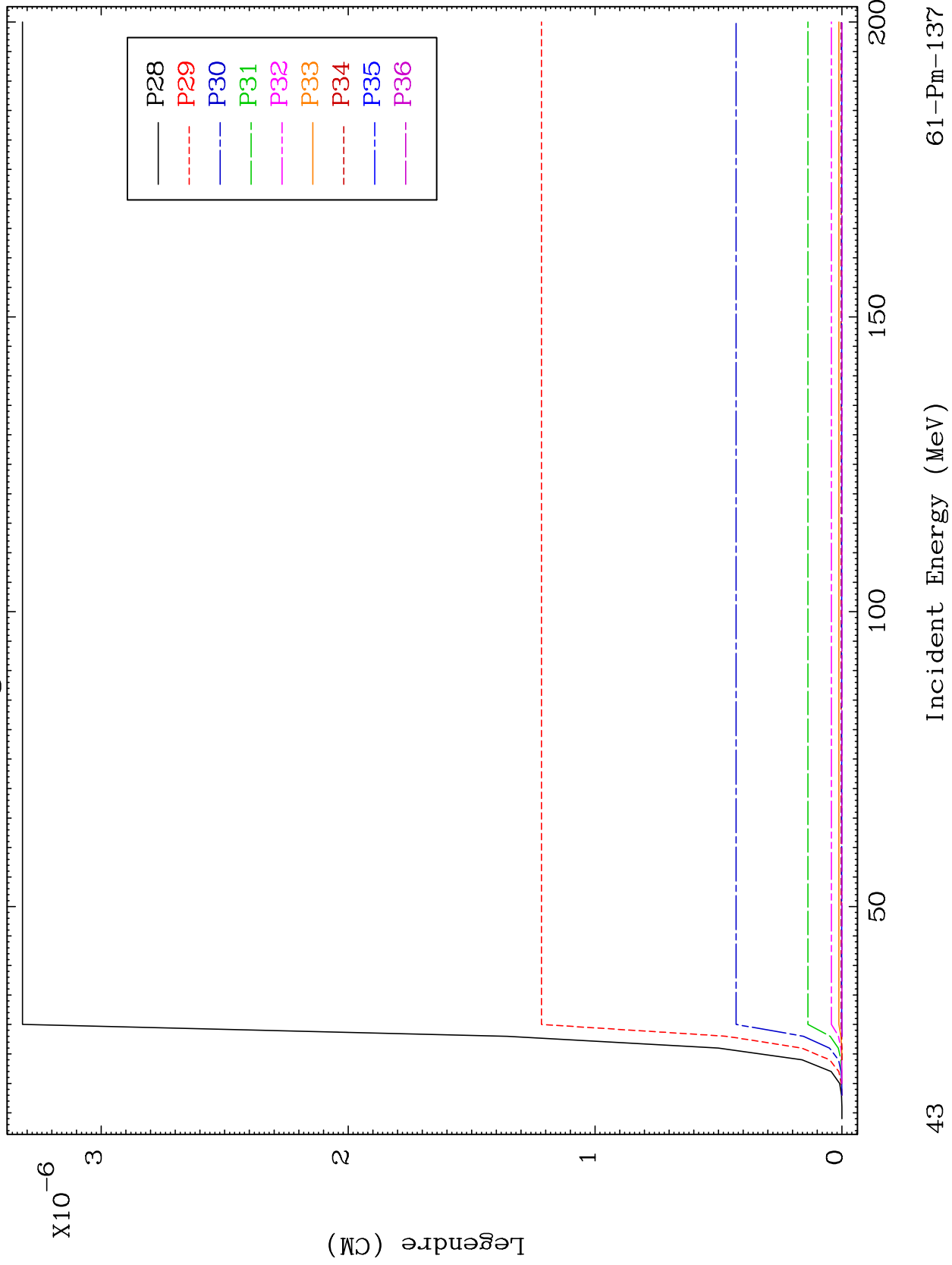
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61-Pm-137

MAT 6119

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

61-Pm-137



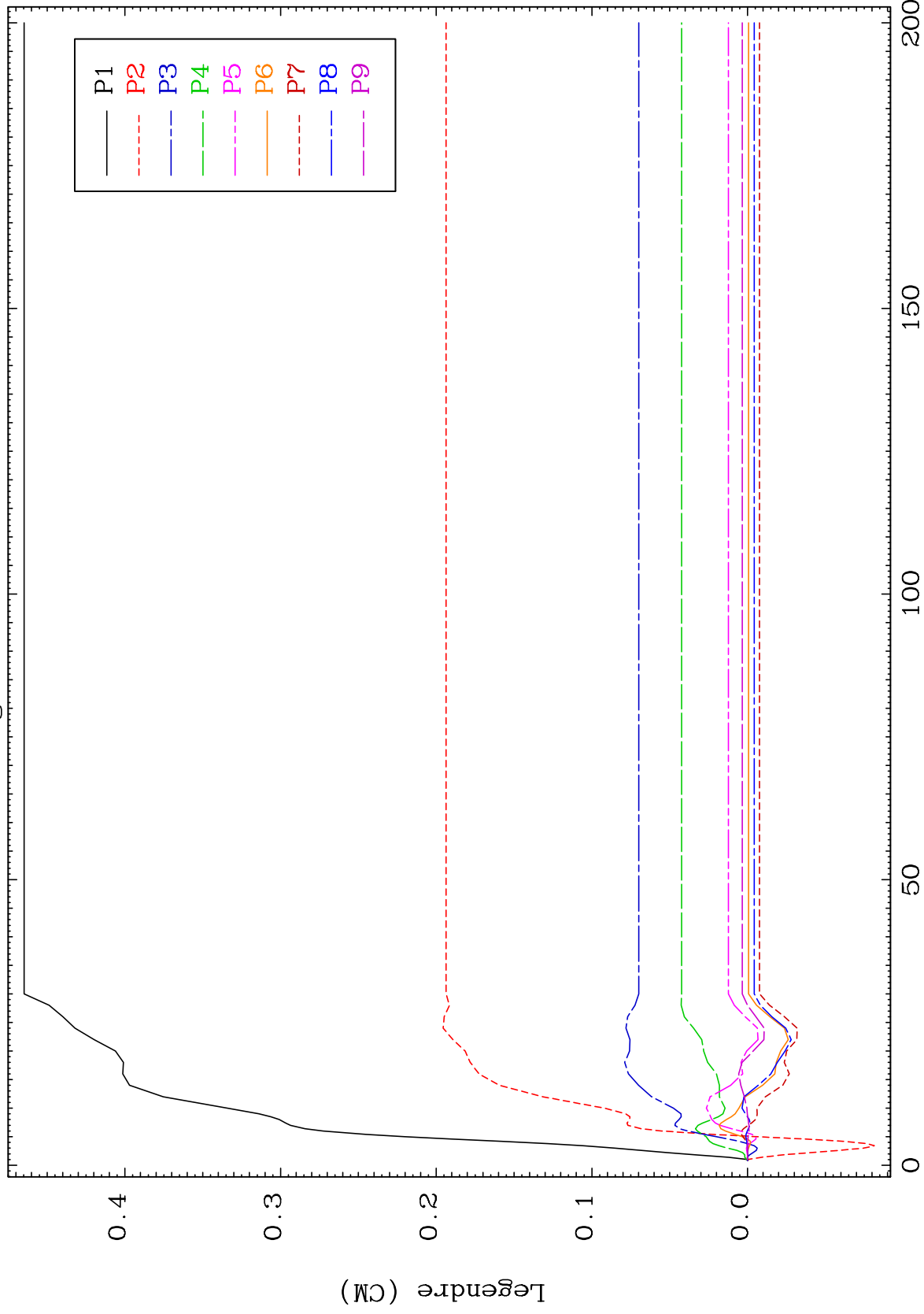
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61-Pm-137

MAT 6119

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

61-Pm-137



44

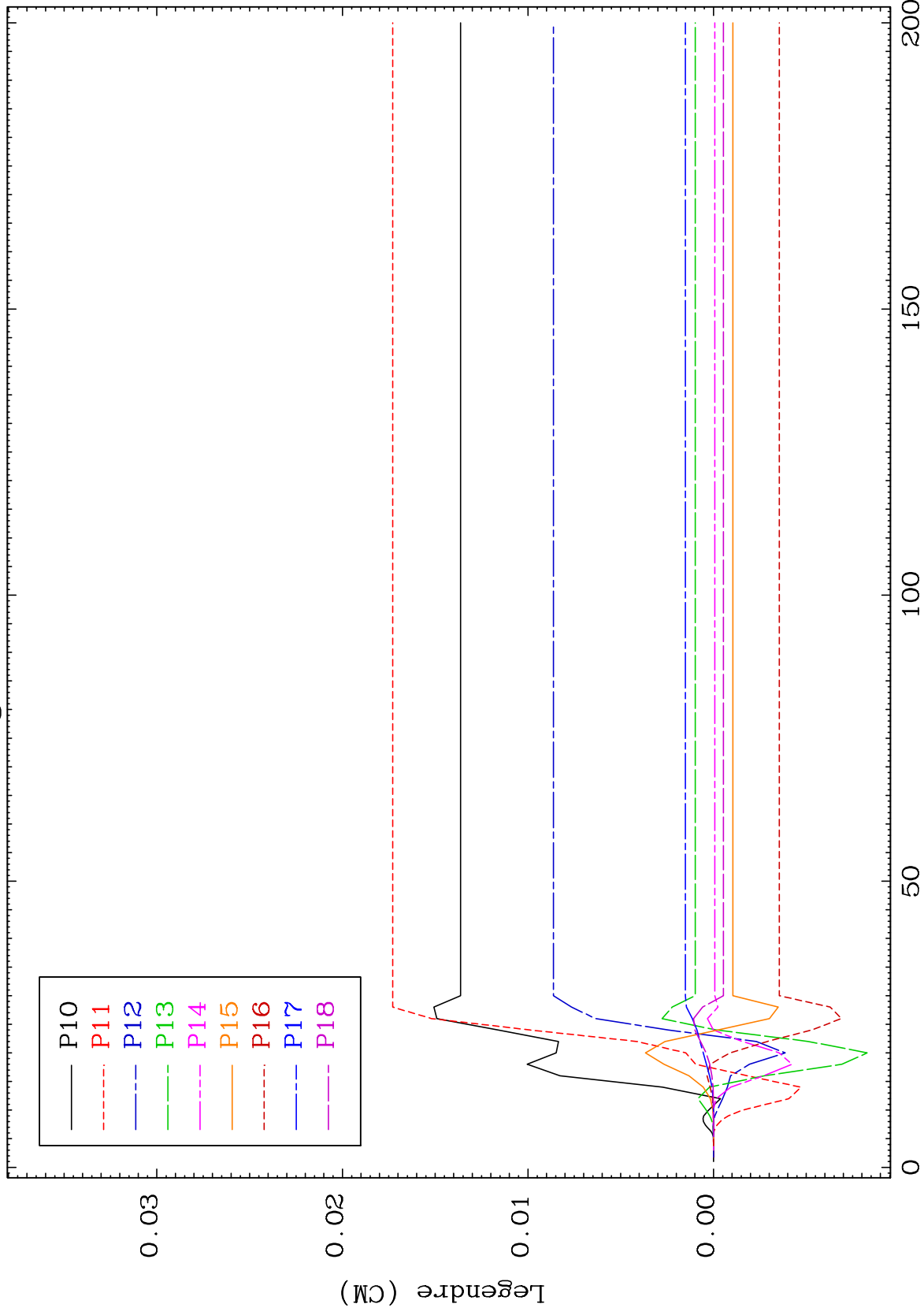
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



45

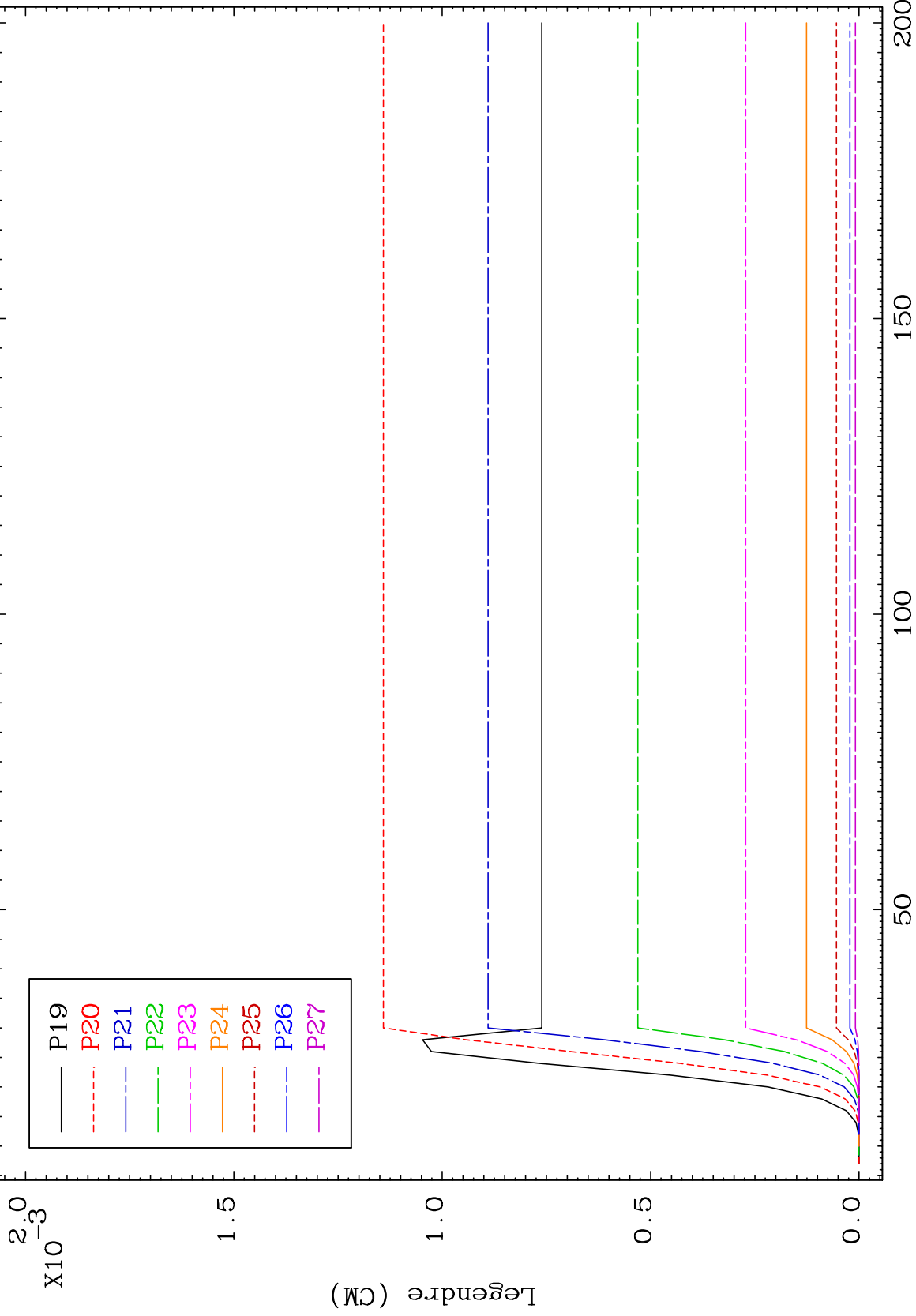
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



46

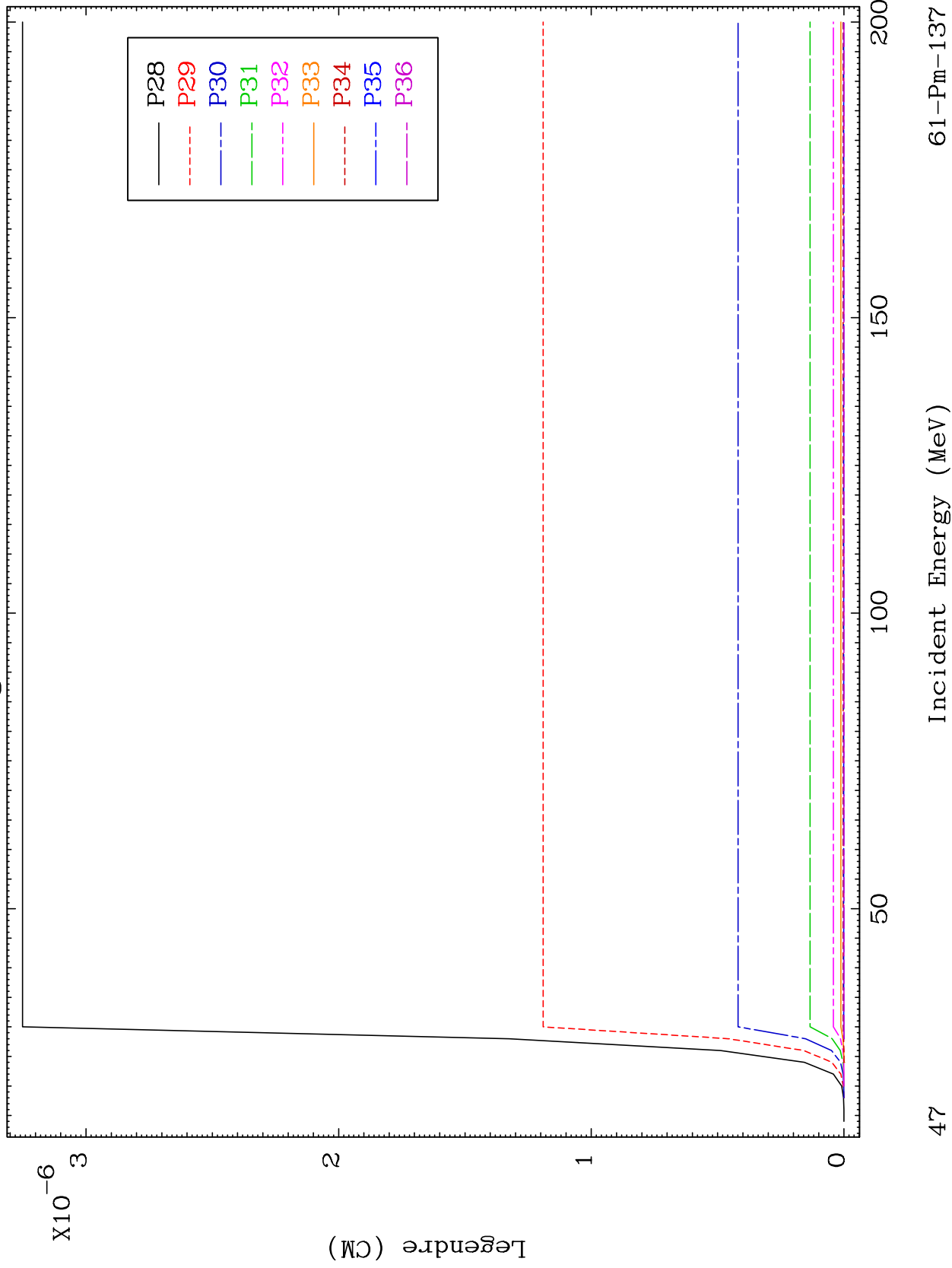
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

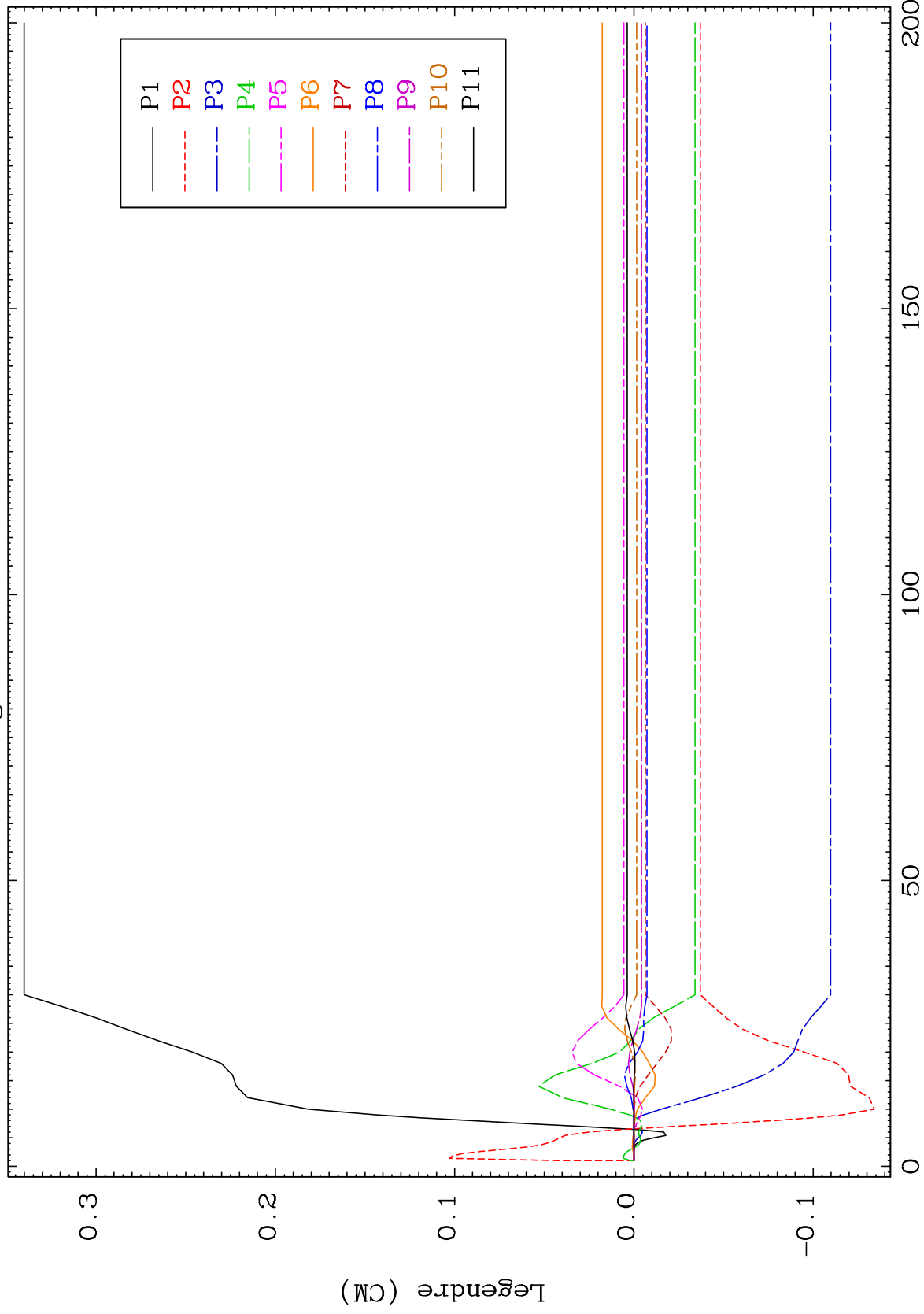
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MAT 6119

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

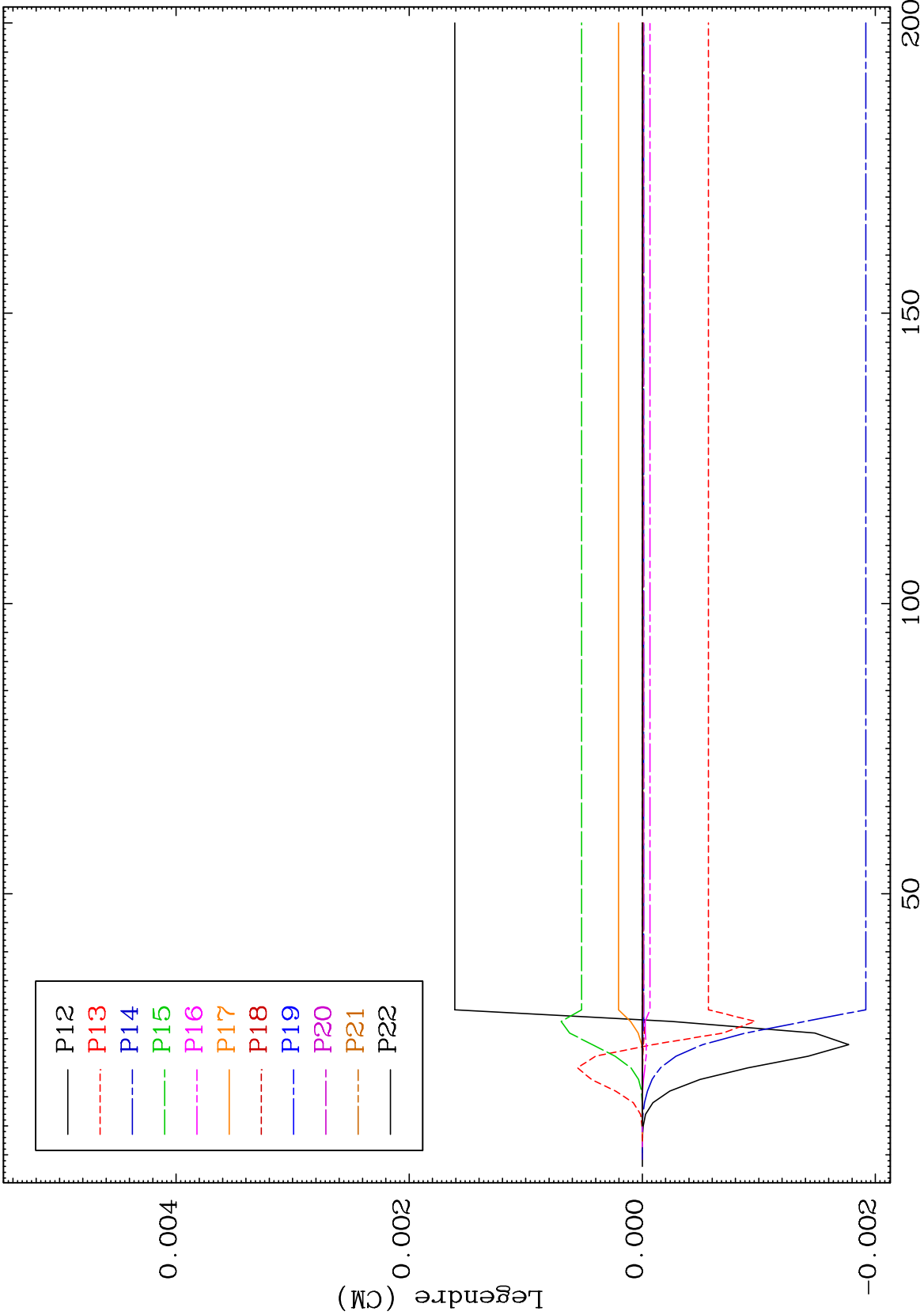
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48

Incident Energy (MeV)

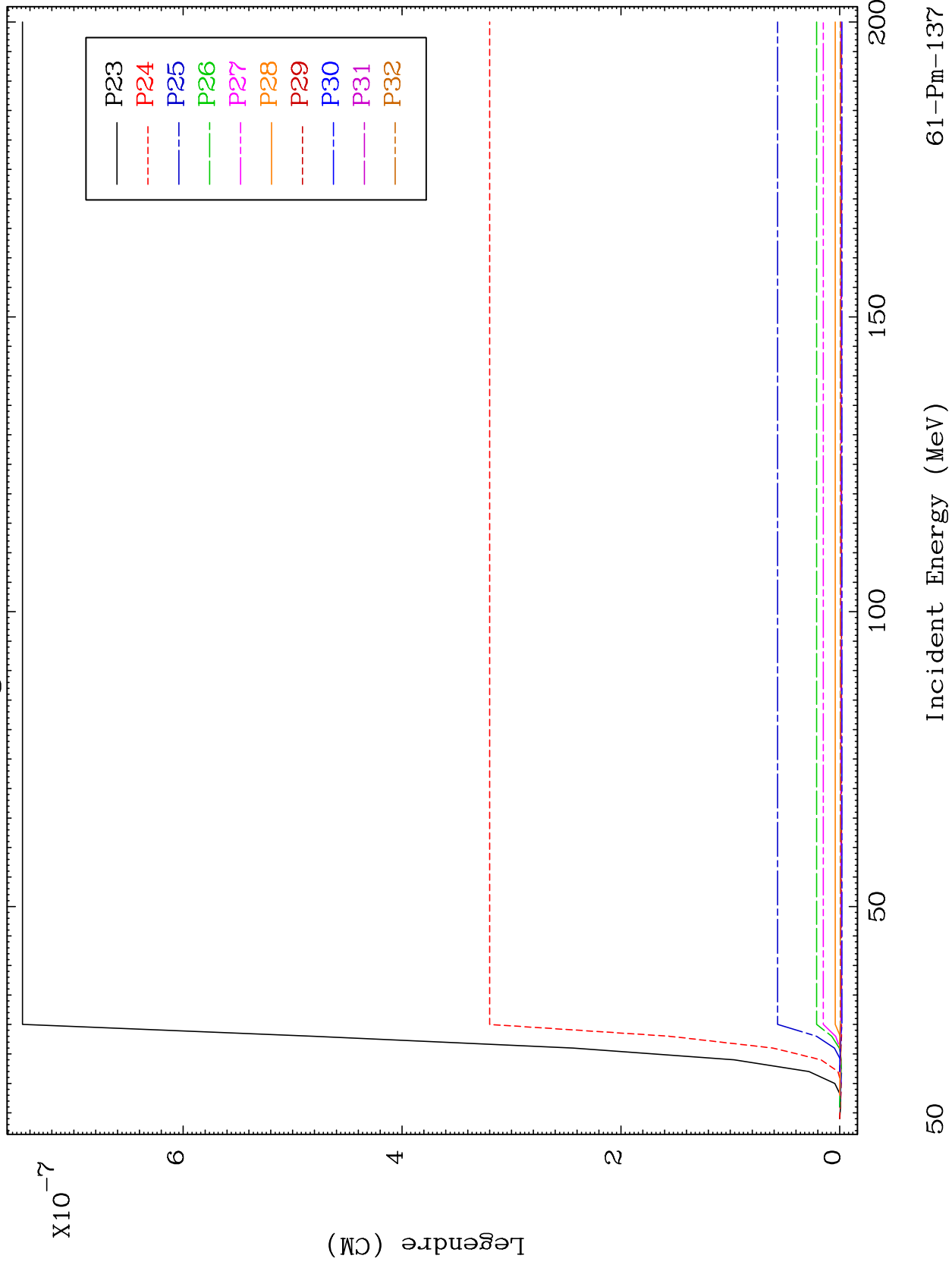
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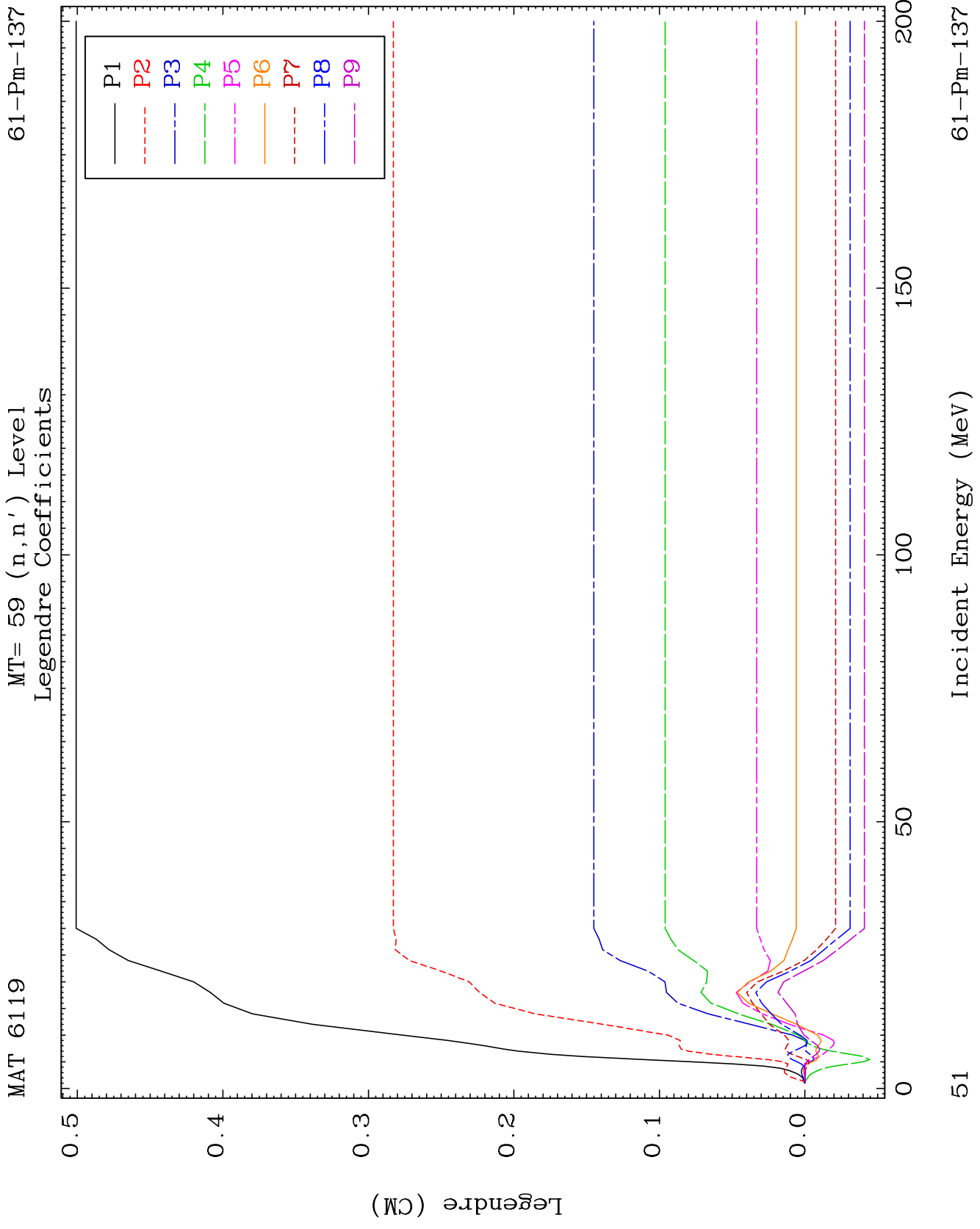


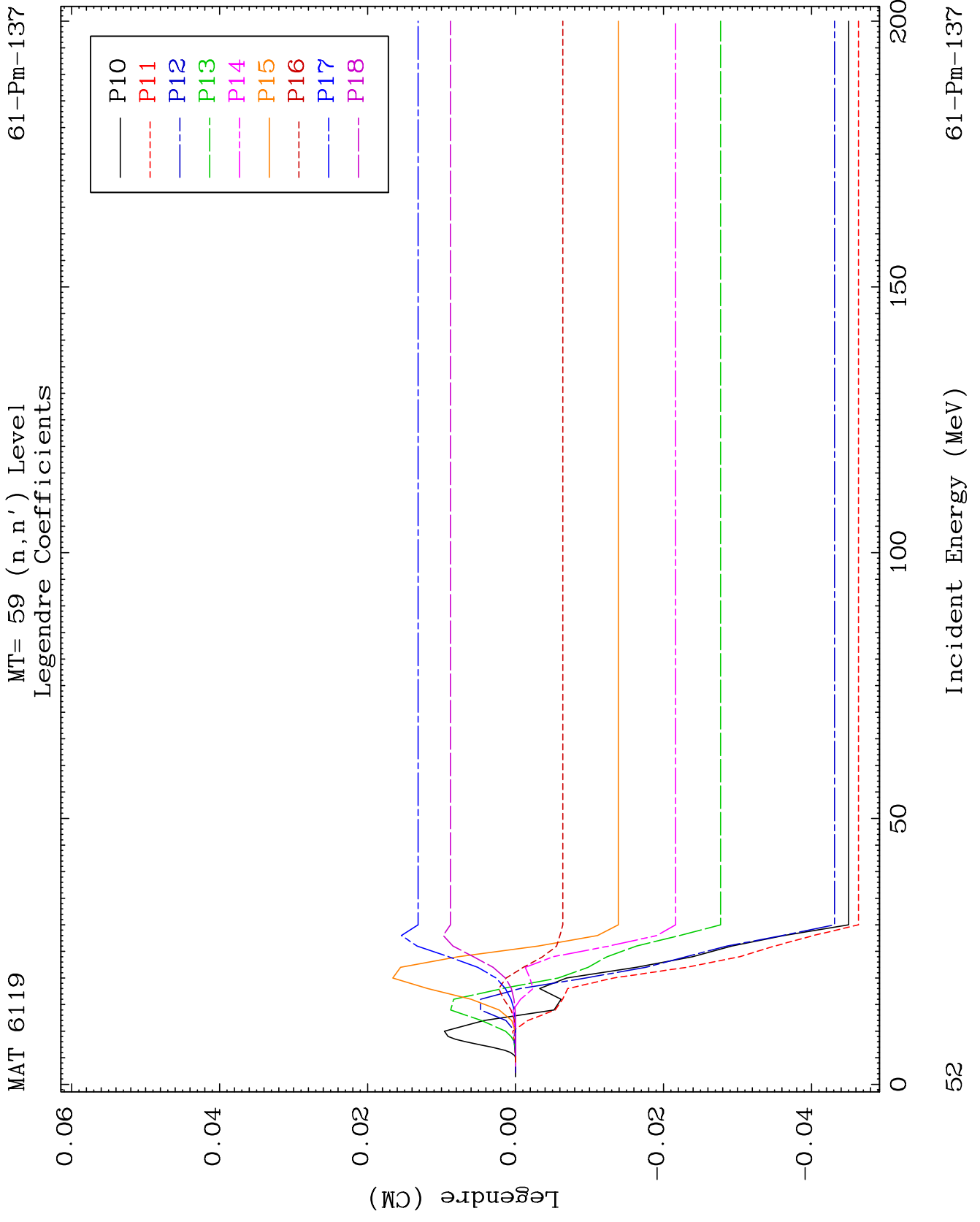
MAT 6119

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

61-Pm-137



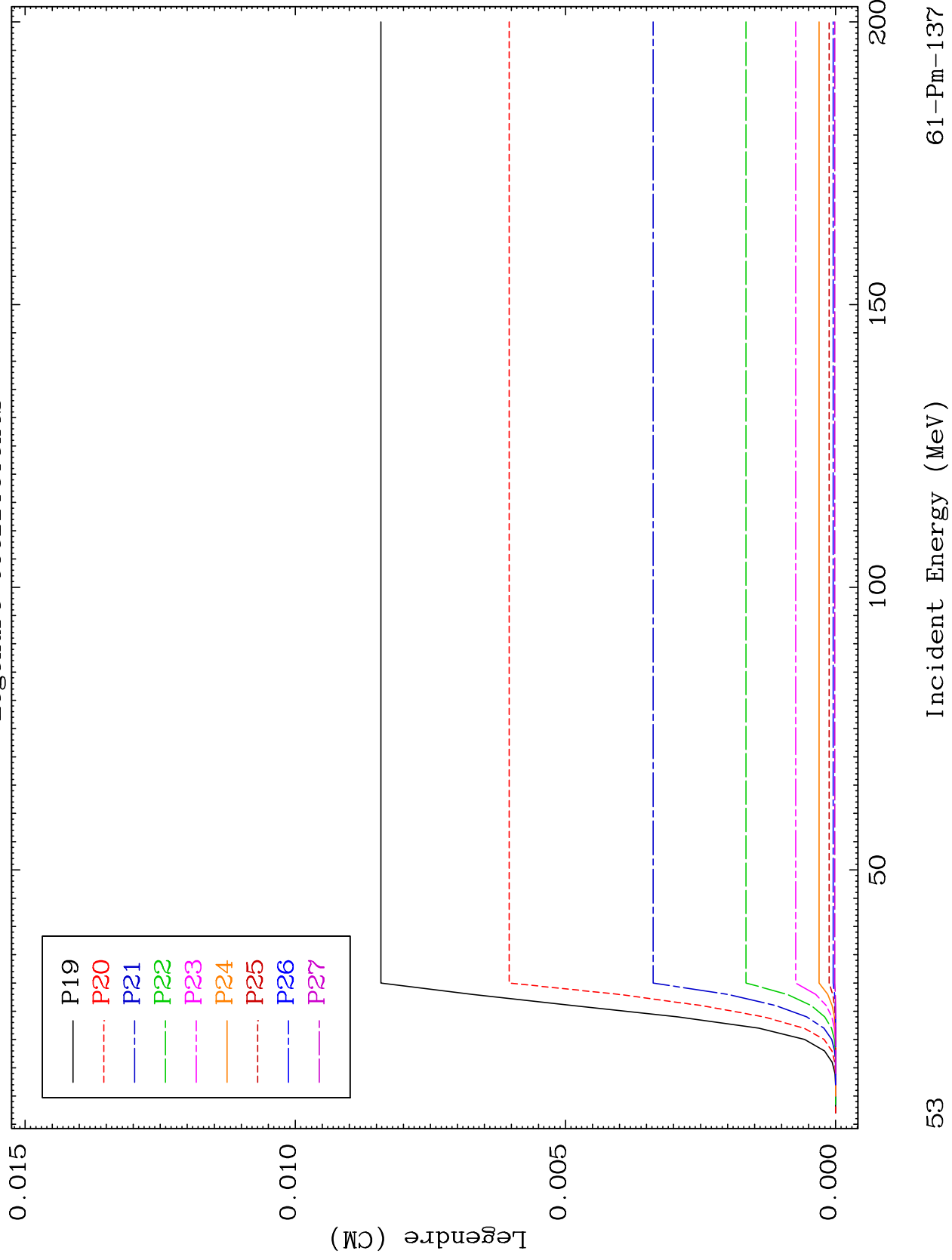




MAT 6119

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

61-Pm-137



53

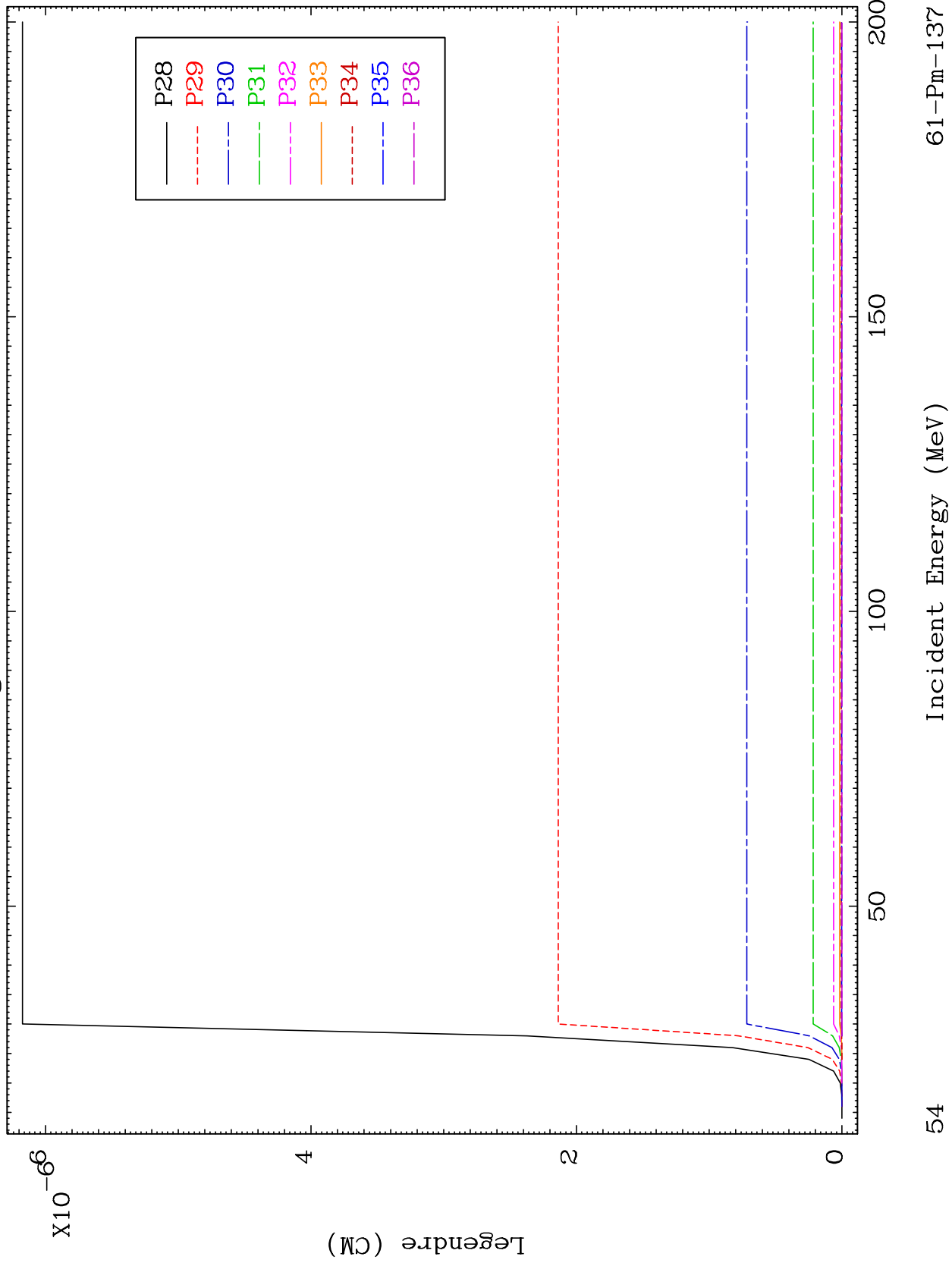
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



54

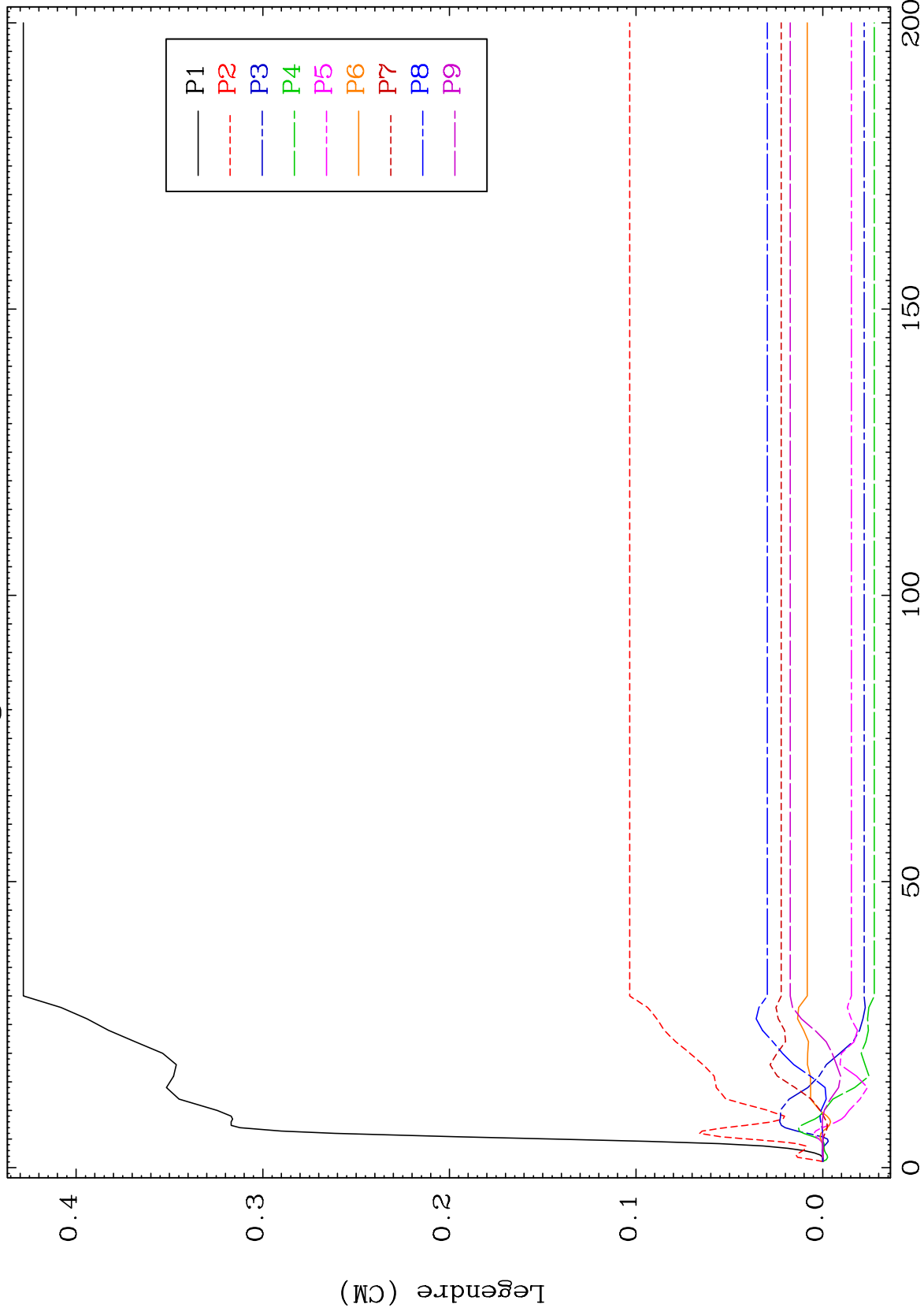
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



61-Pm-137

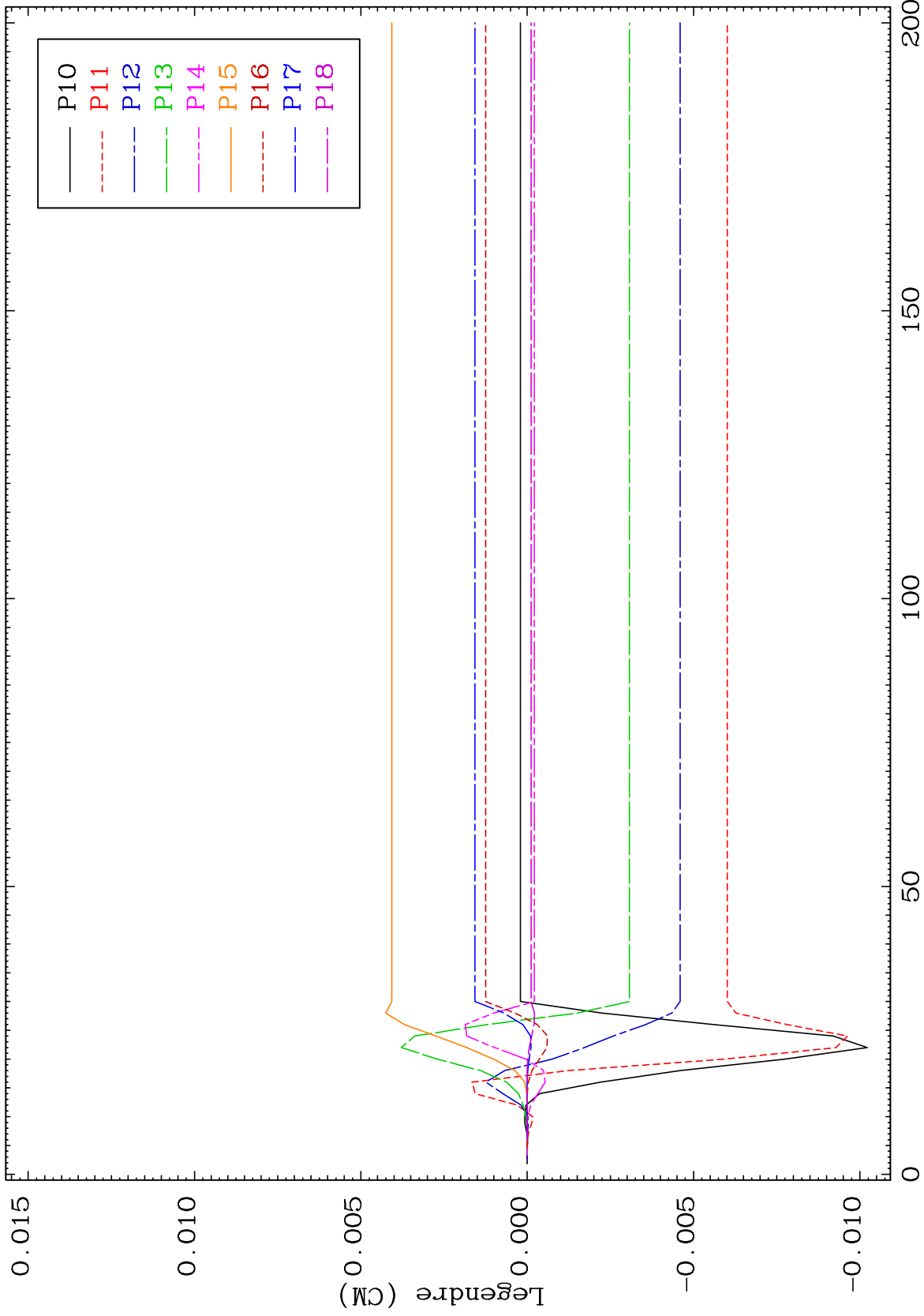
Incident Energy (MeV)

55

MAT 6119

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

61-Pm-137



56

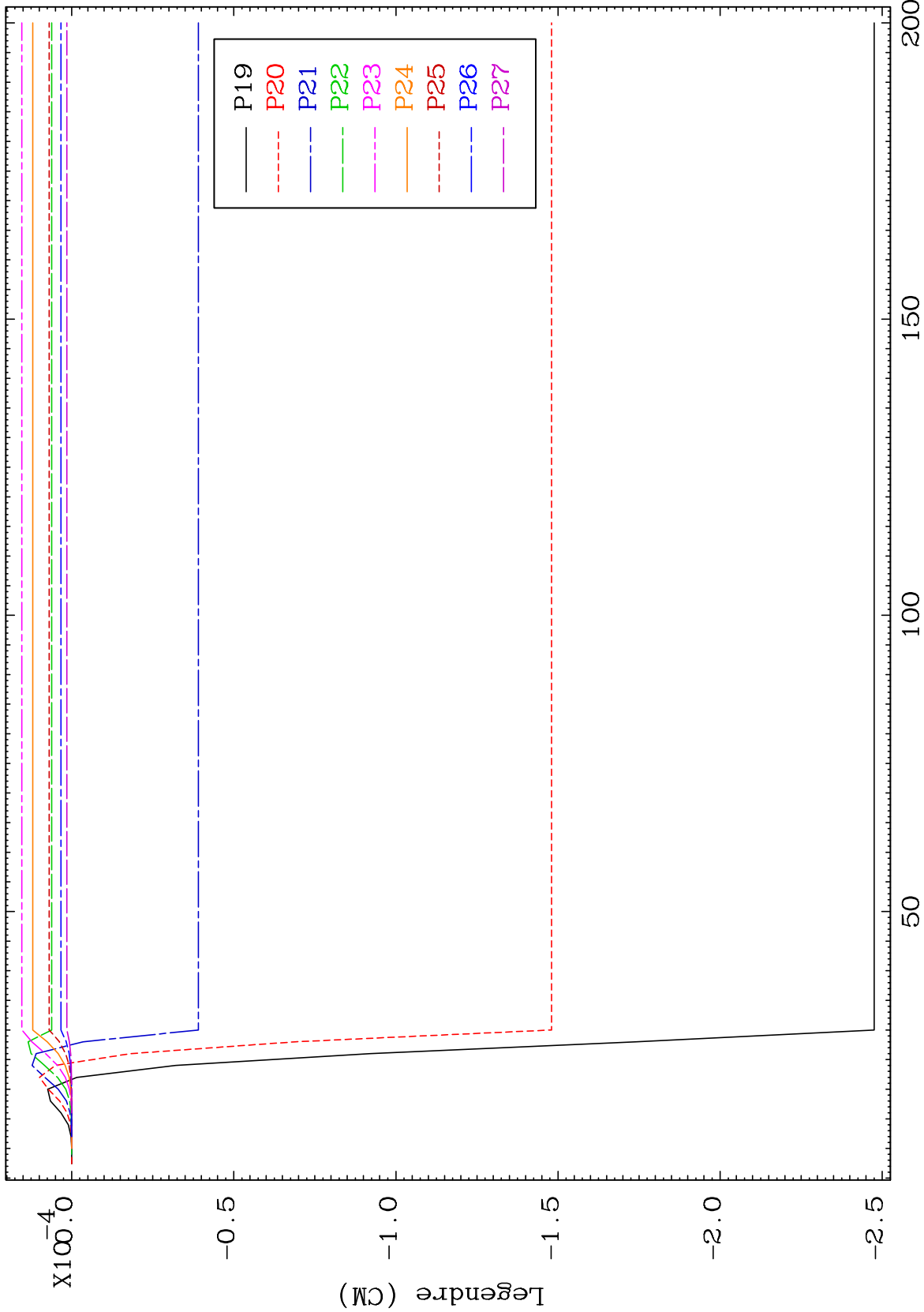
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

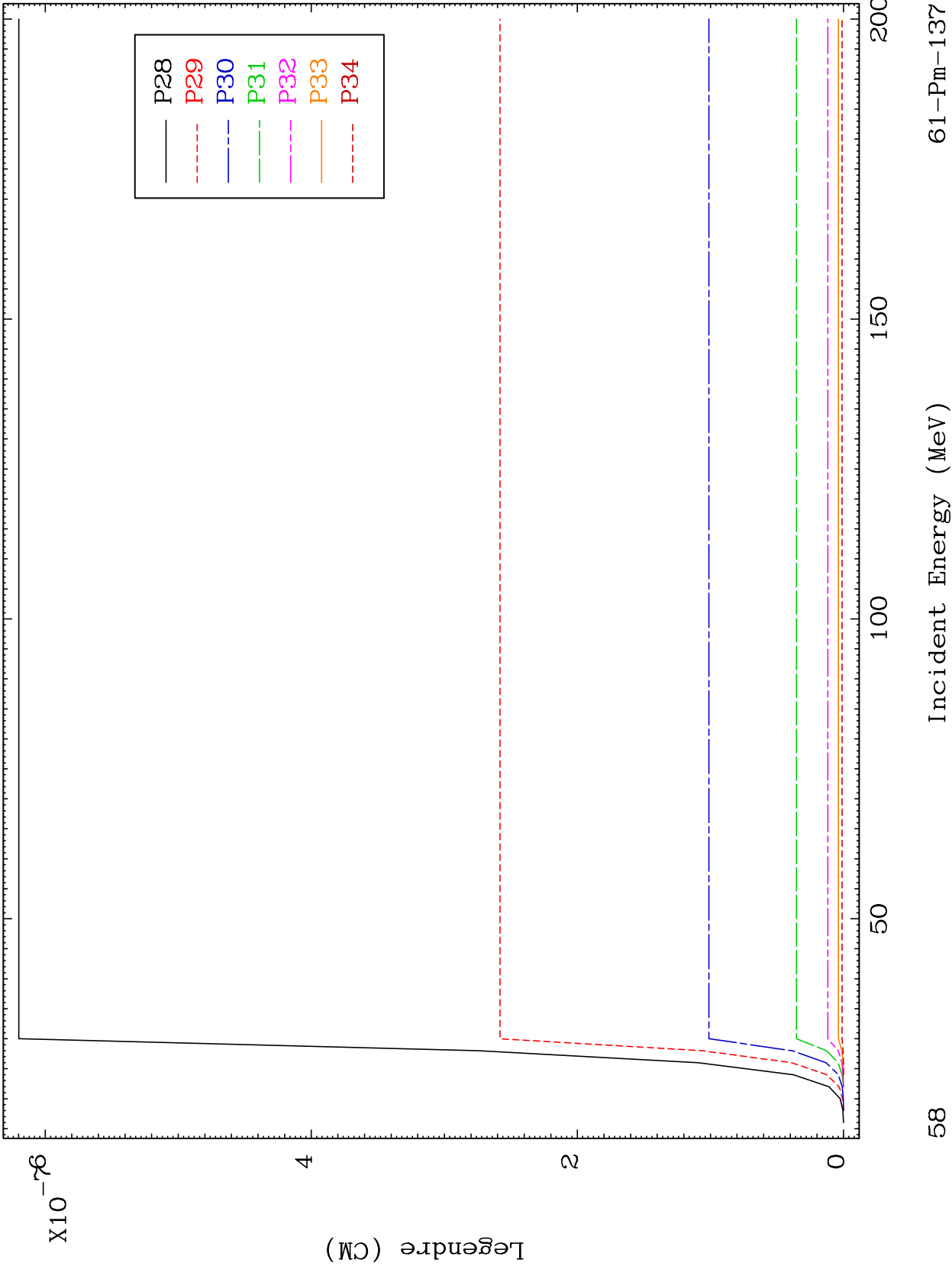
61-Pm-137



MAT 6119

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

61-Pm-137



58

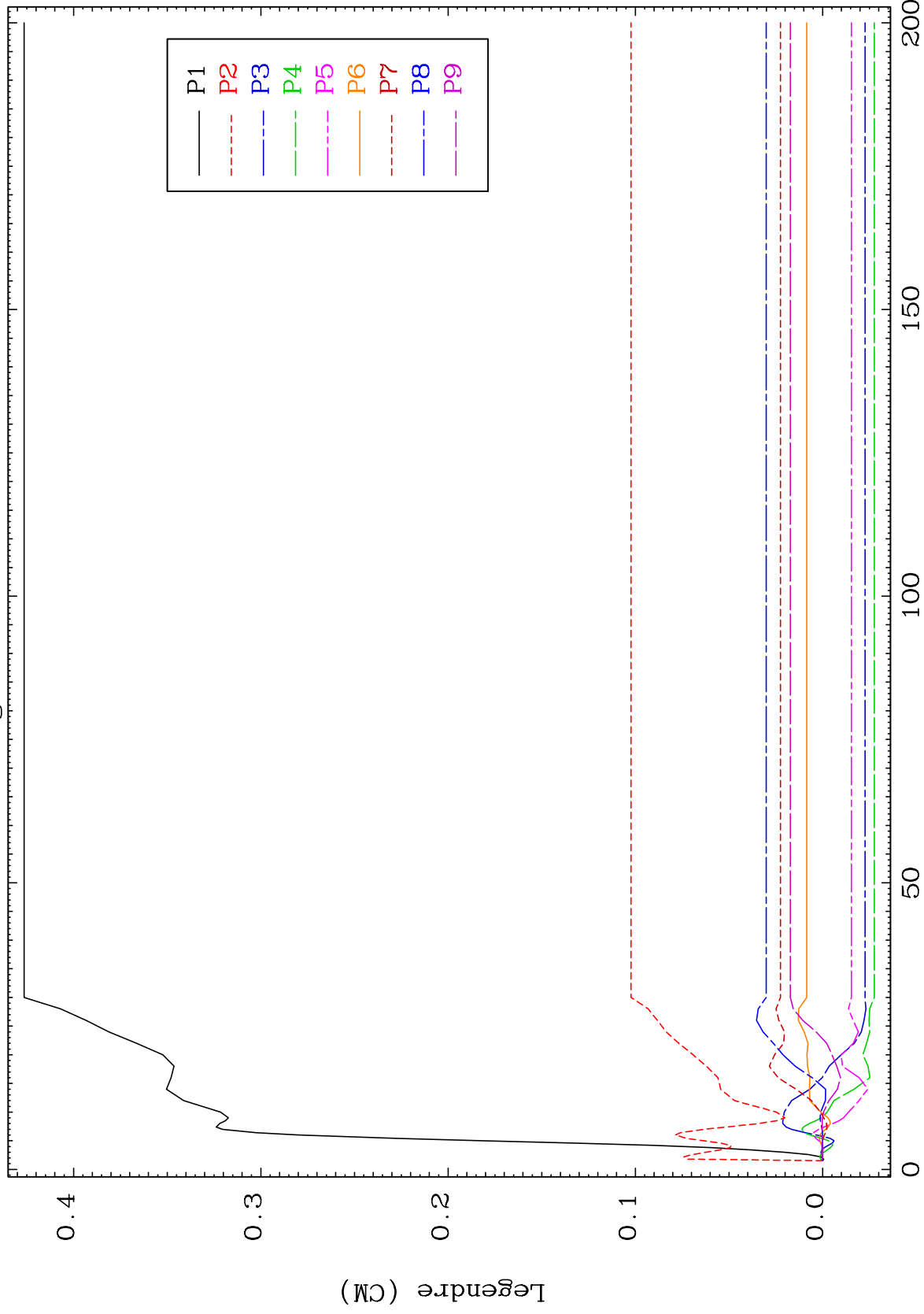
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

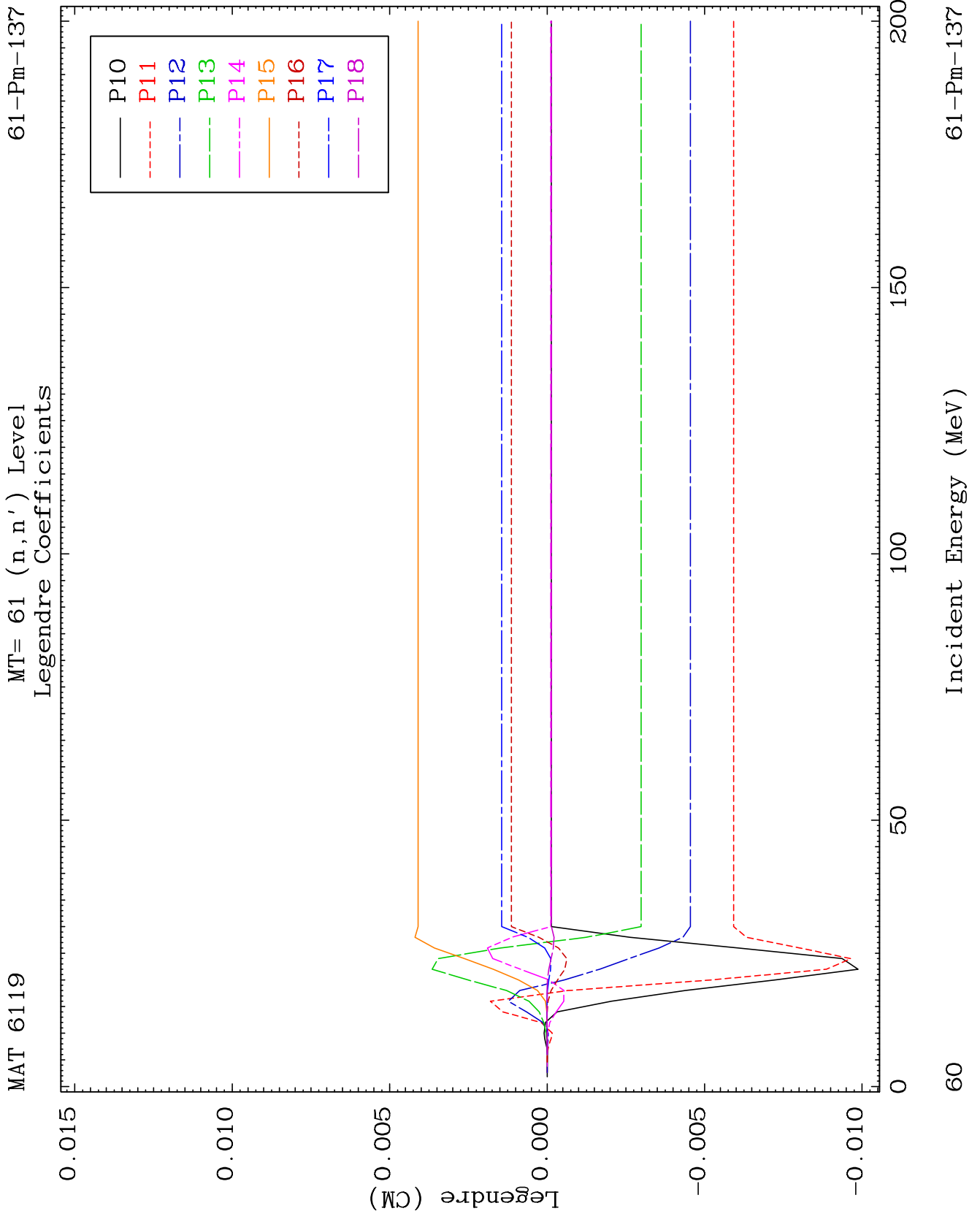
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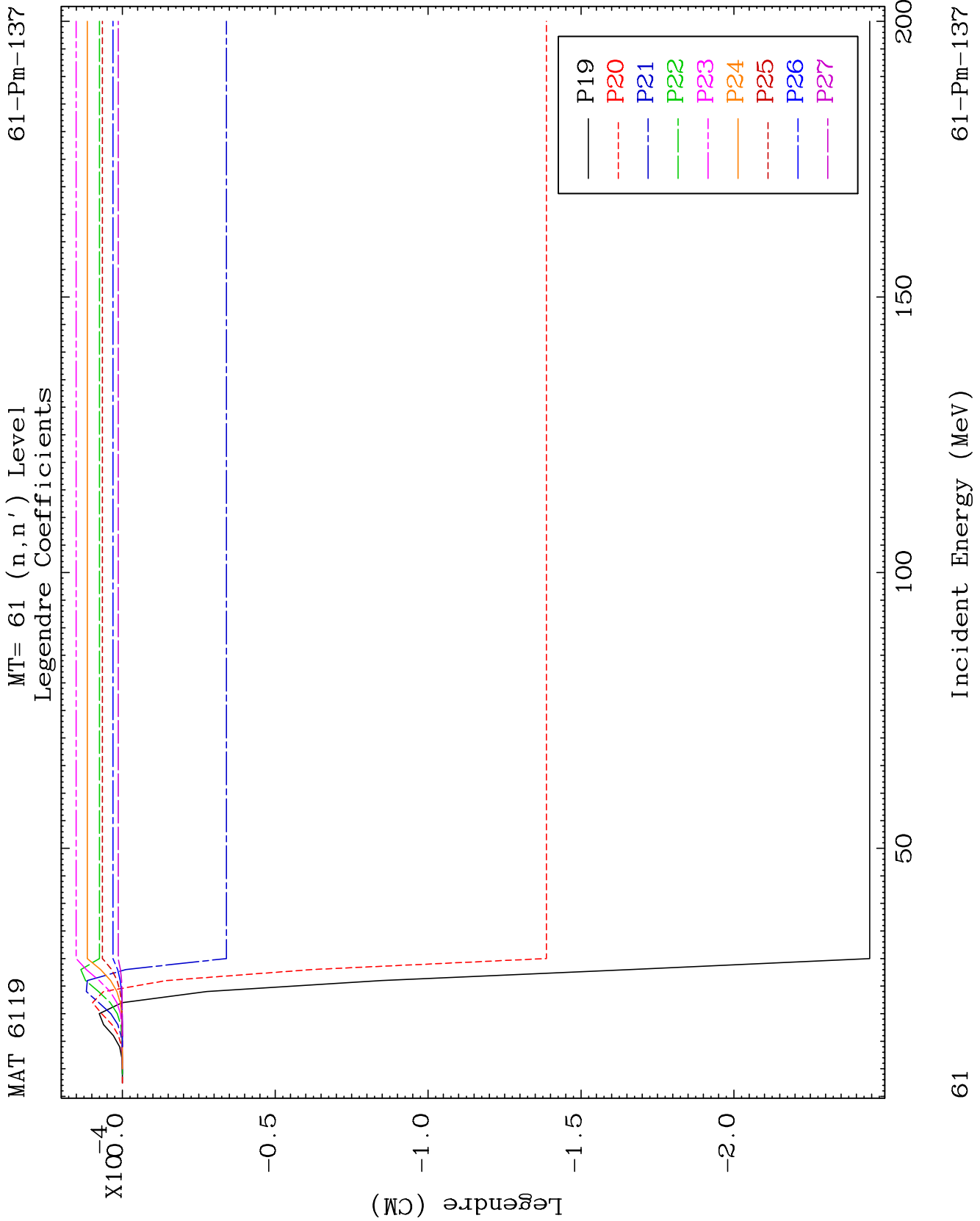


59

Incident Energy (MeV)

61-Pm-137

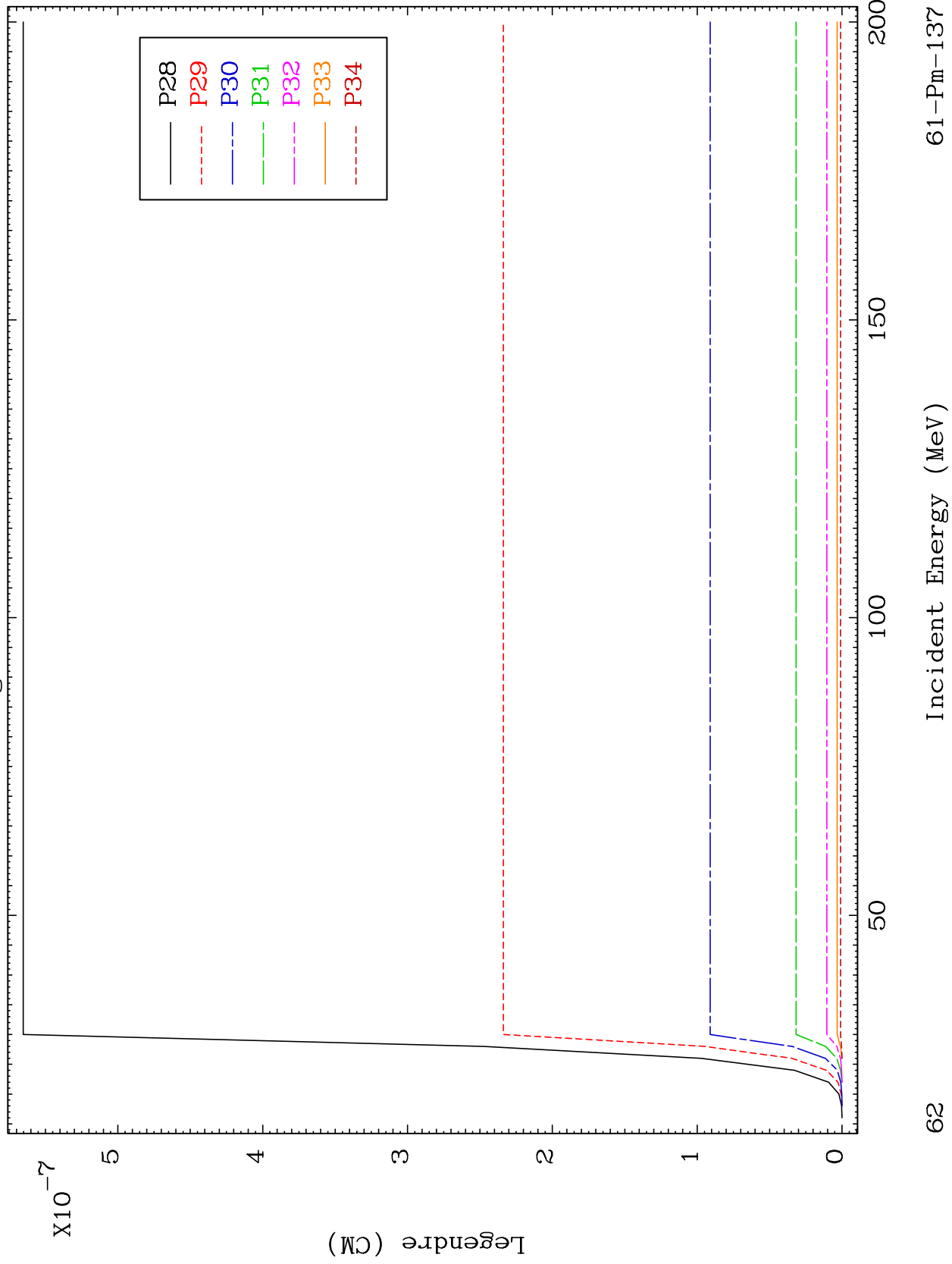




MAT 6119

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

61-Pm-137



62

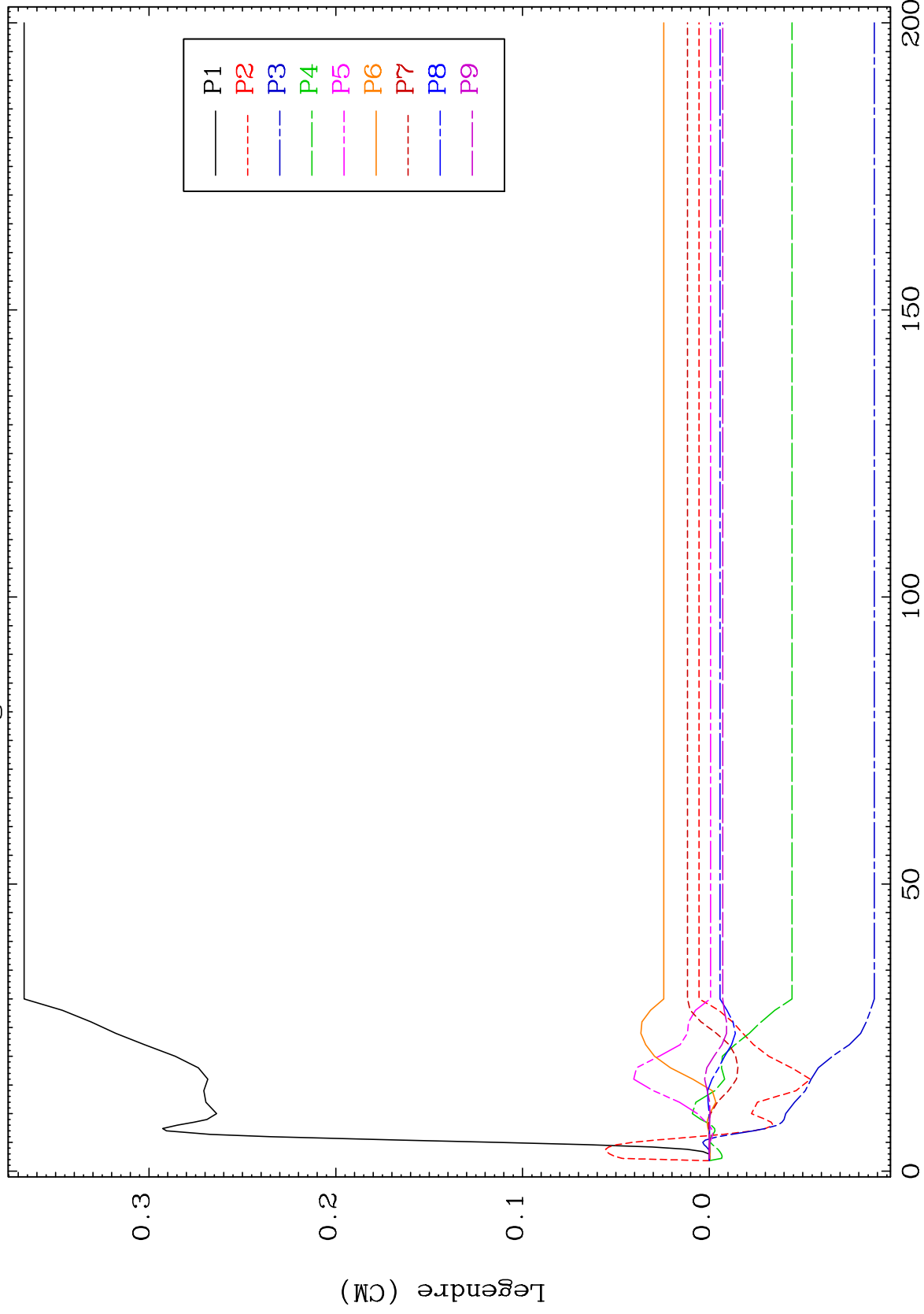
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



63

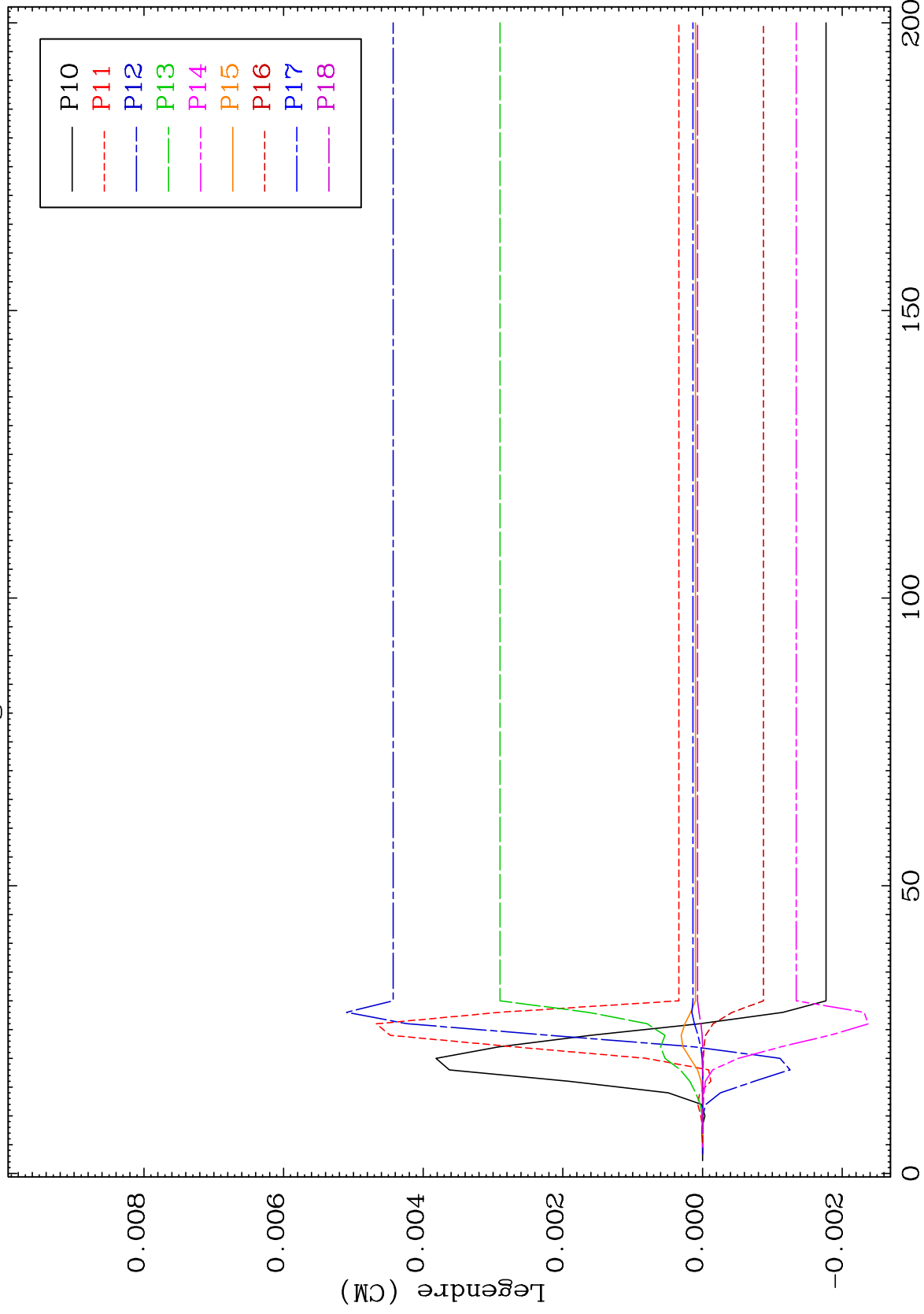
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



64

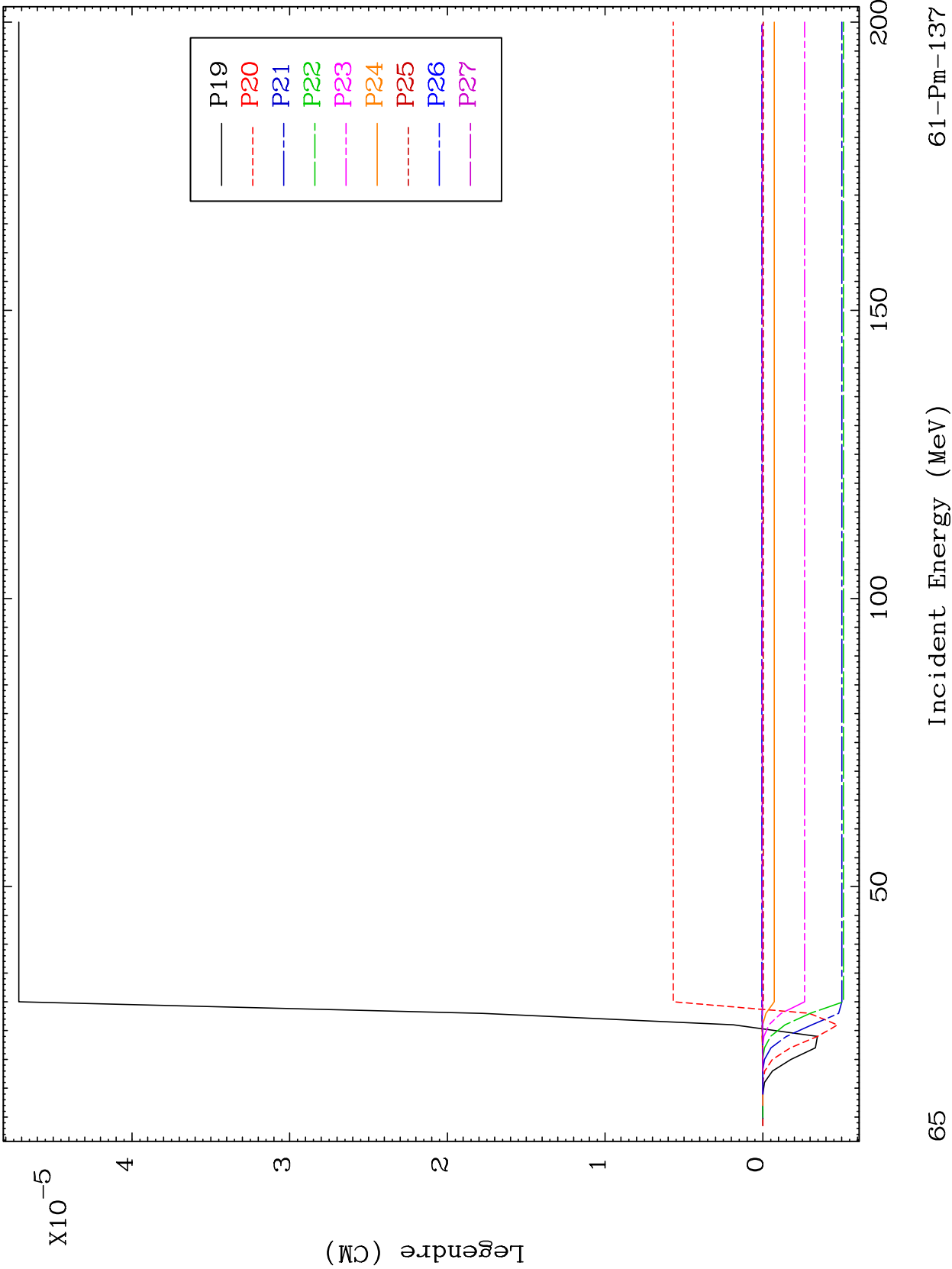
Incident Energy (MeV)

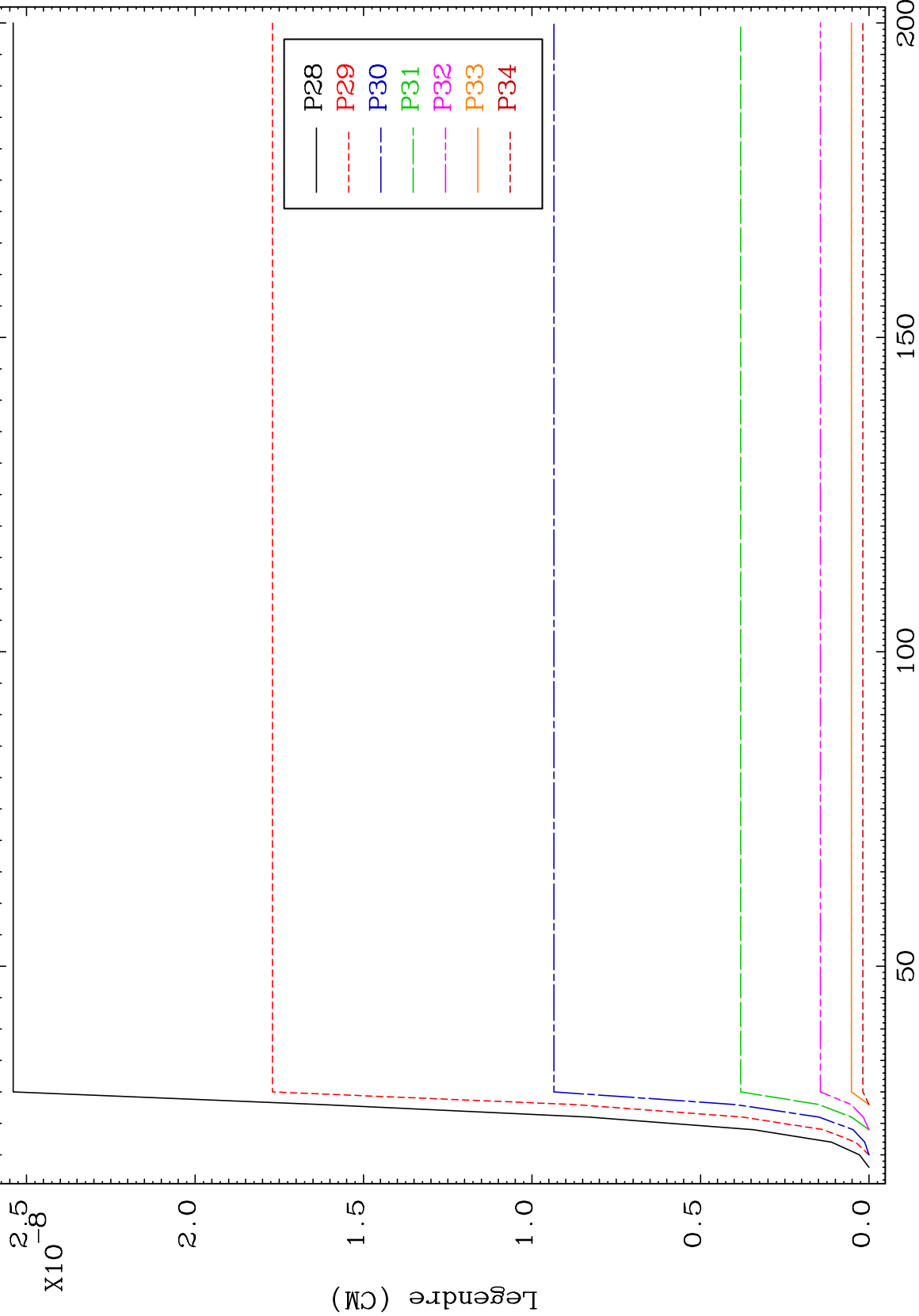
61-Pm-137

MAT 6119

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

61-Pm-137

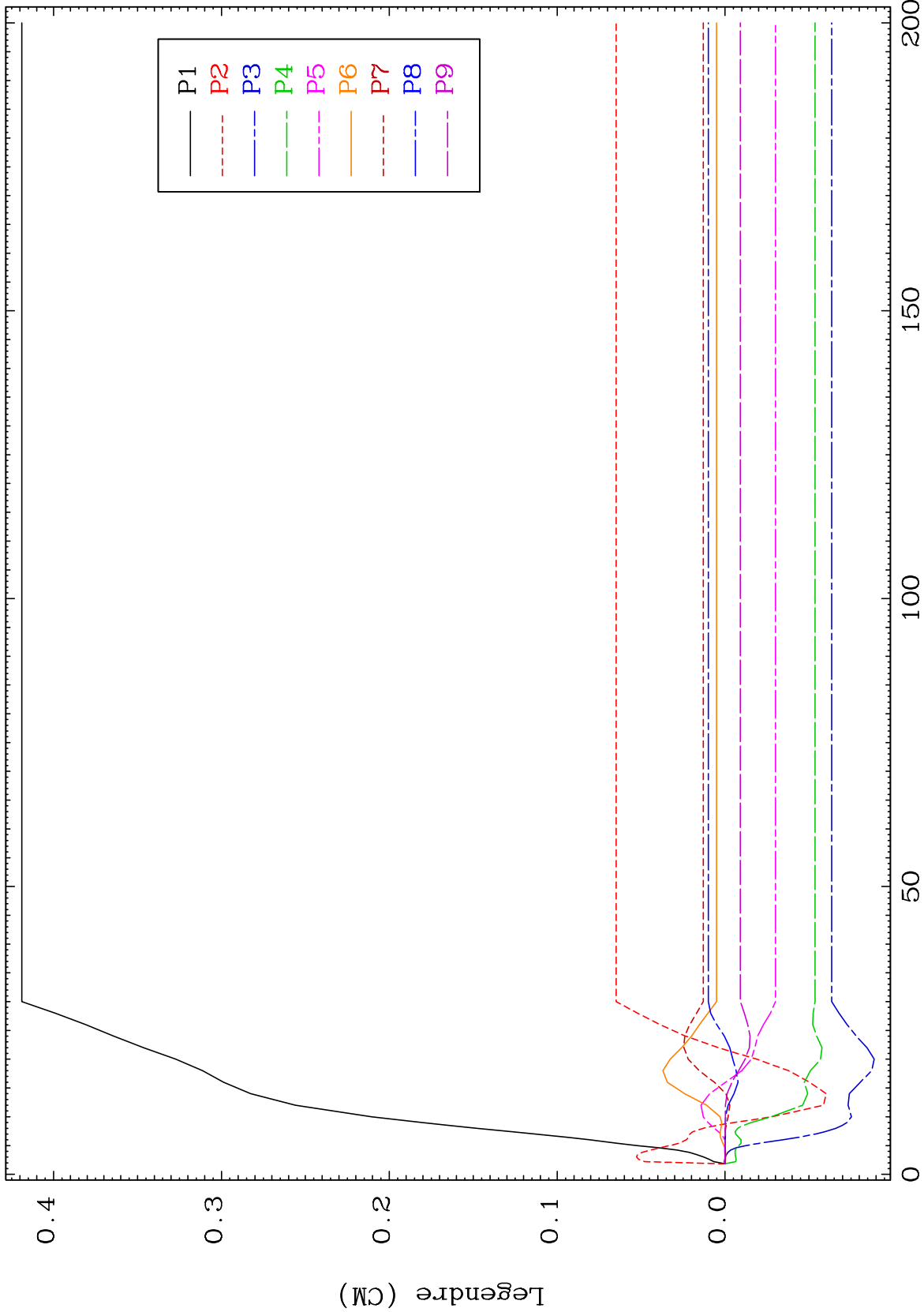




MAT 6119

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

61-Pm-137



61-Pm-137

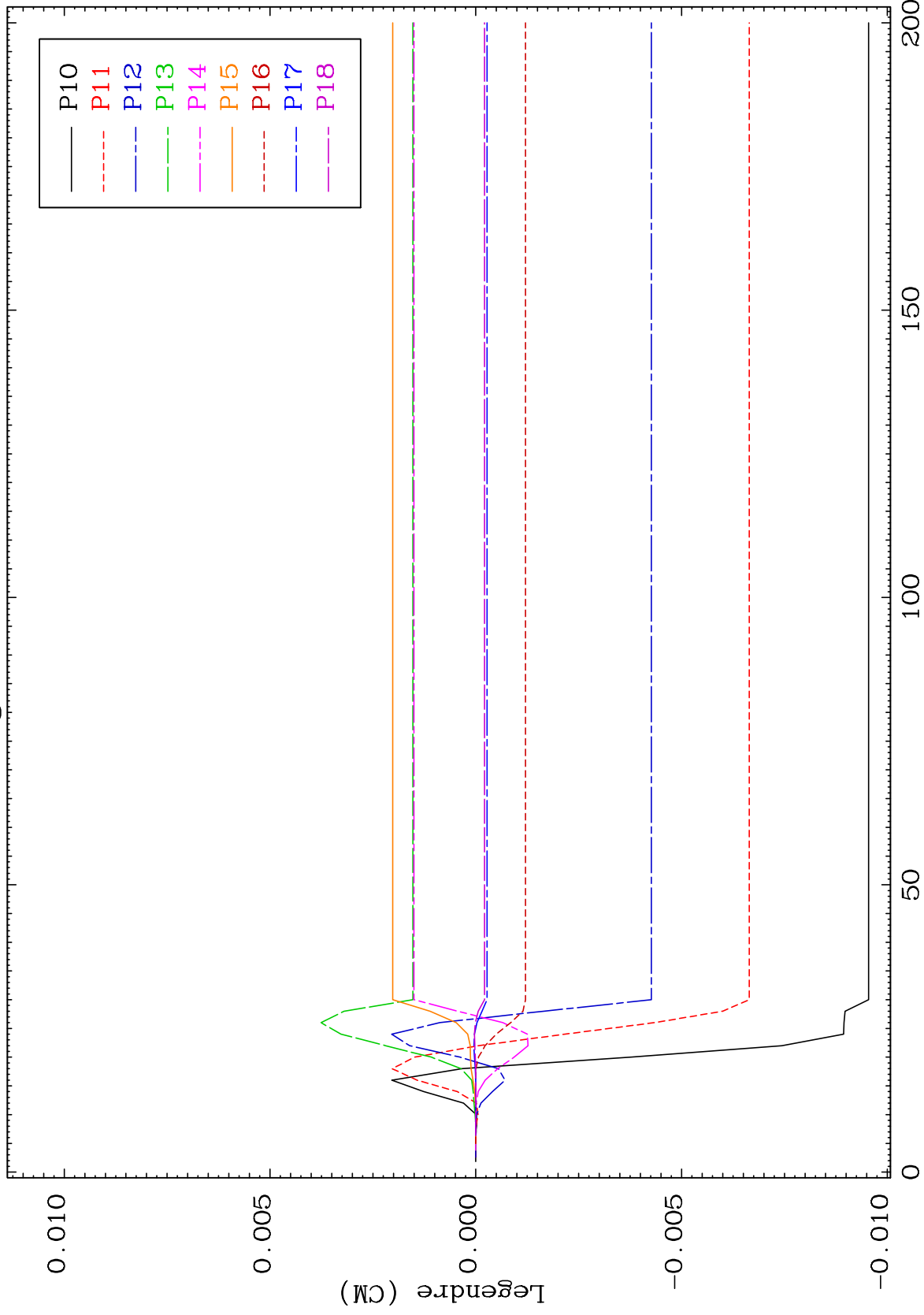
Incident Energy (MeV)

67

MAT 6119

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

61-Pm-137



68

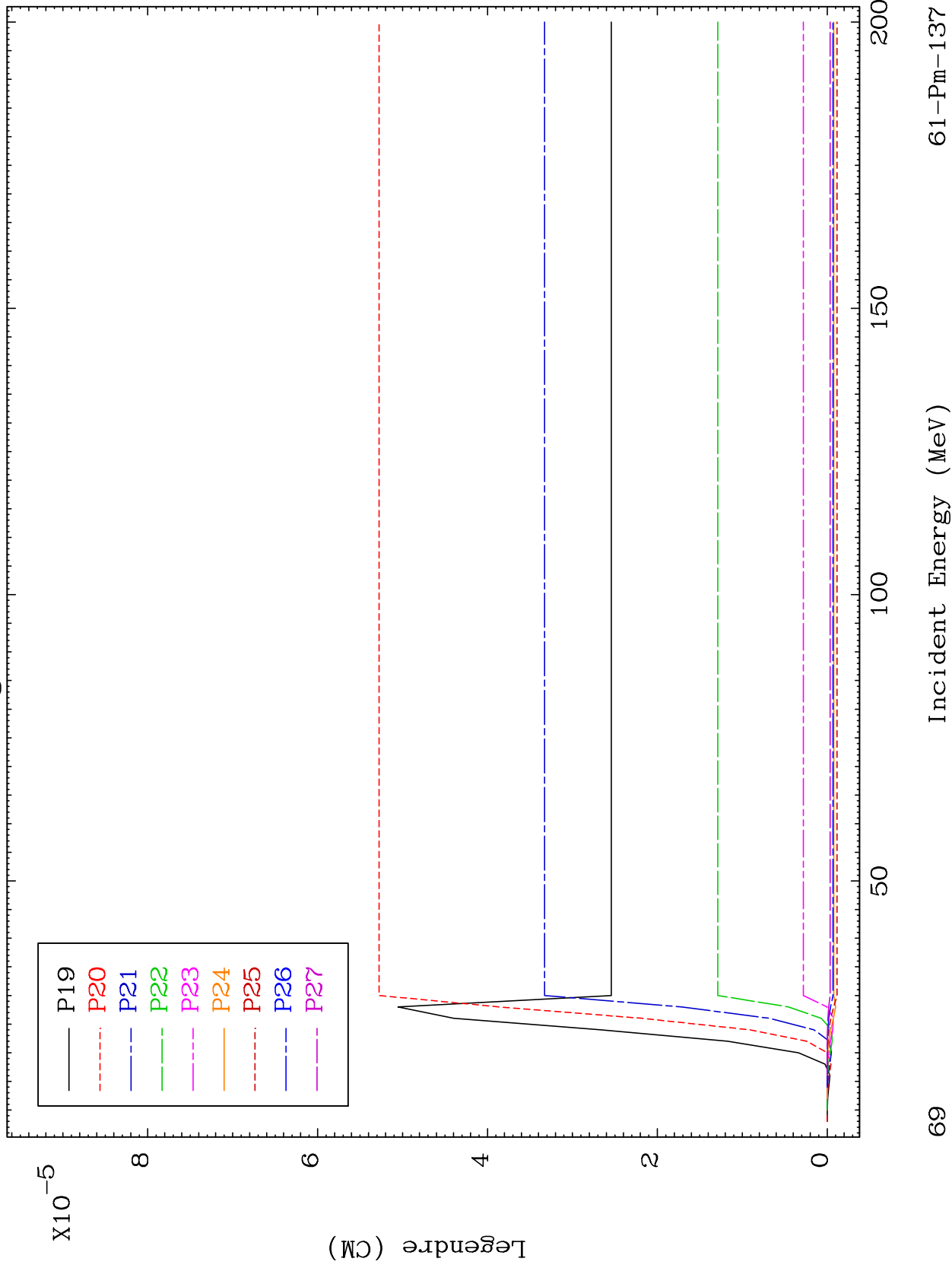
Incident Energy (MeV)

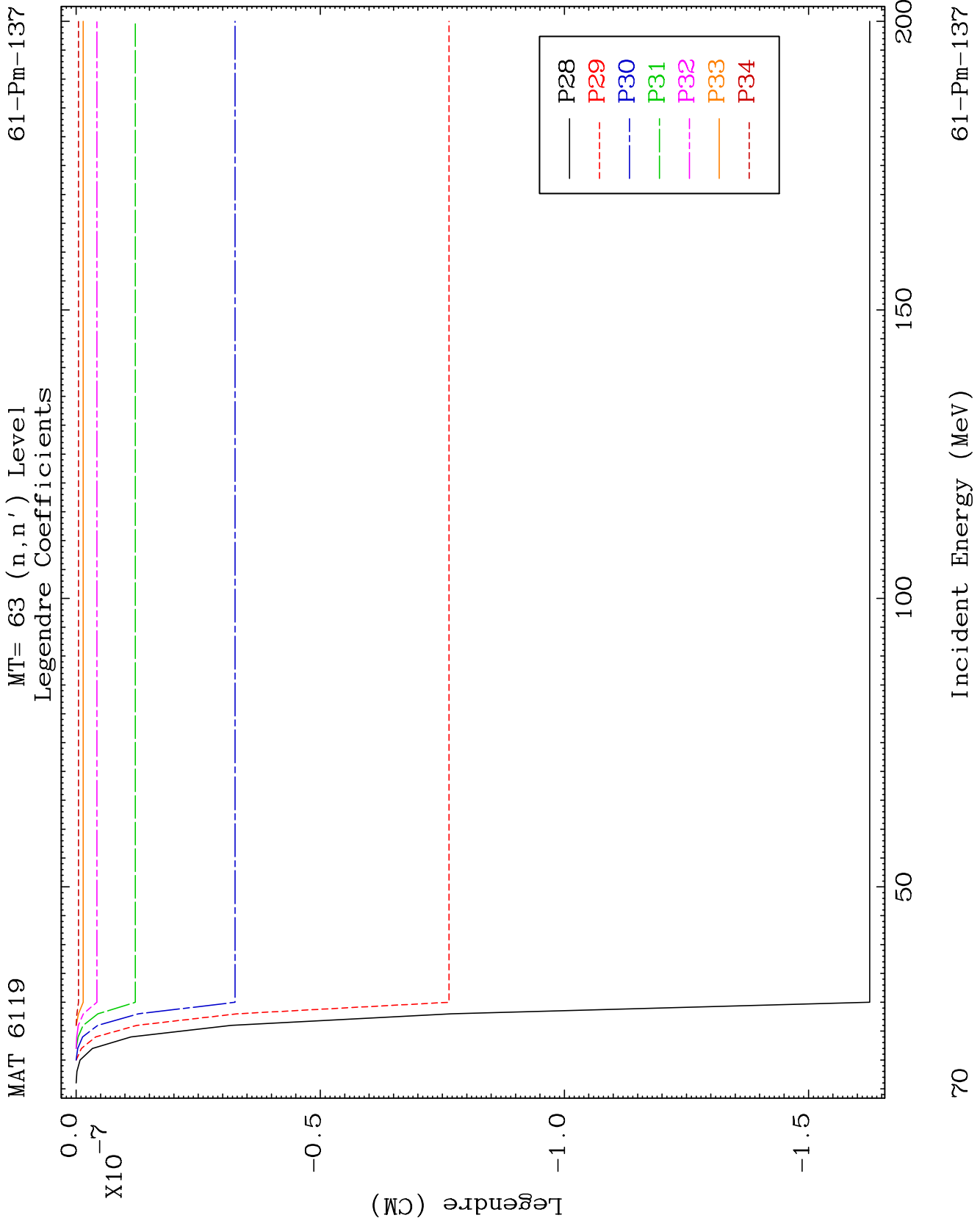
61-Pm-137

MAT 6119

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

61-Pm-137

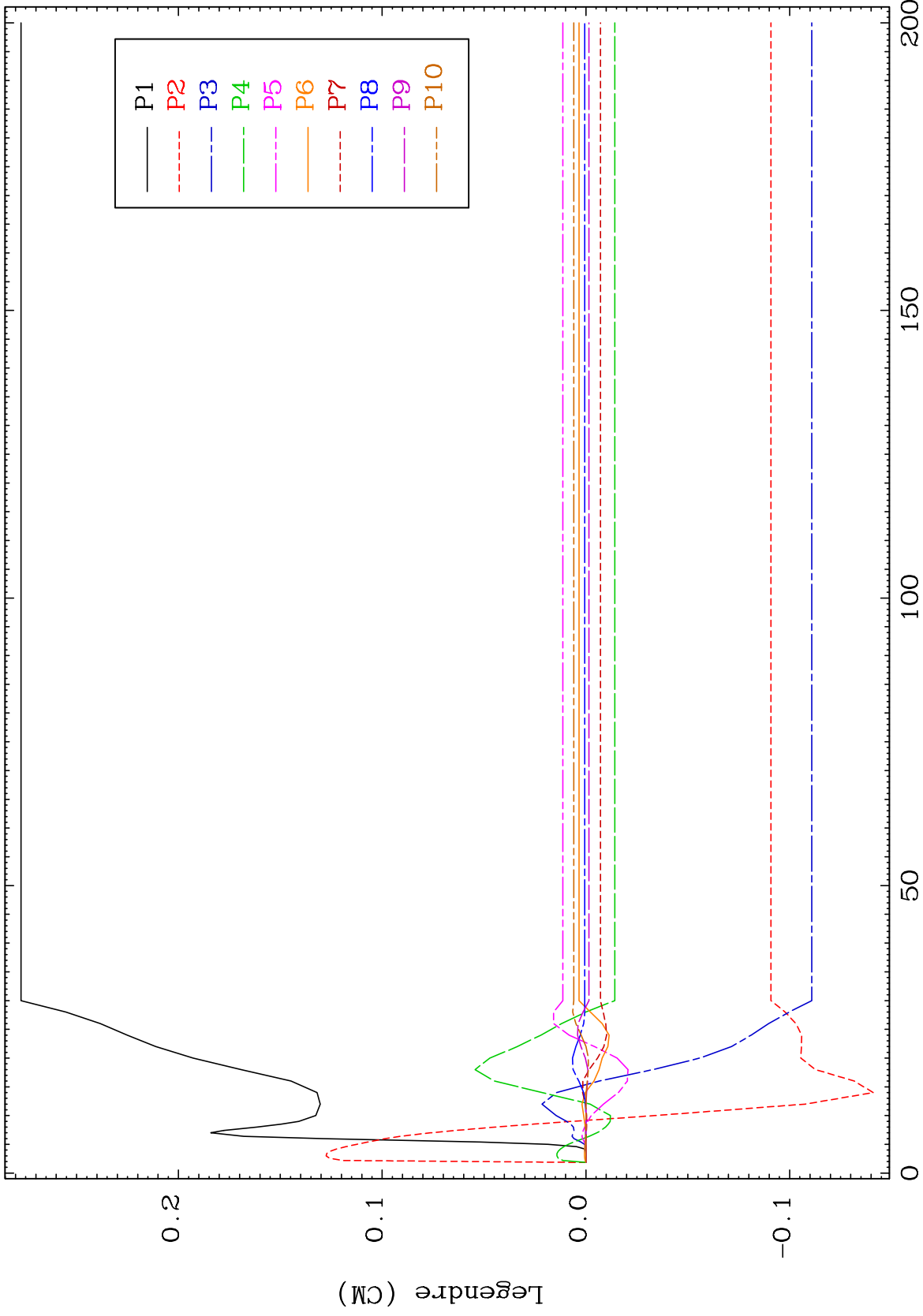




MAT 6119

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

61-Pm-137



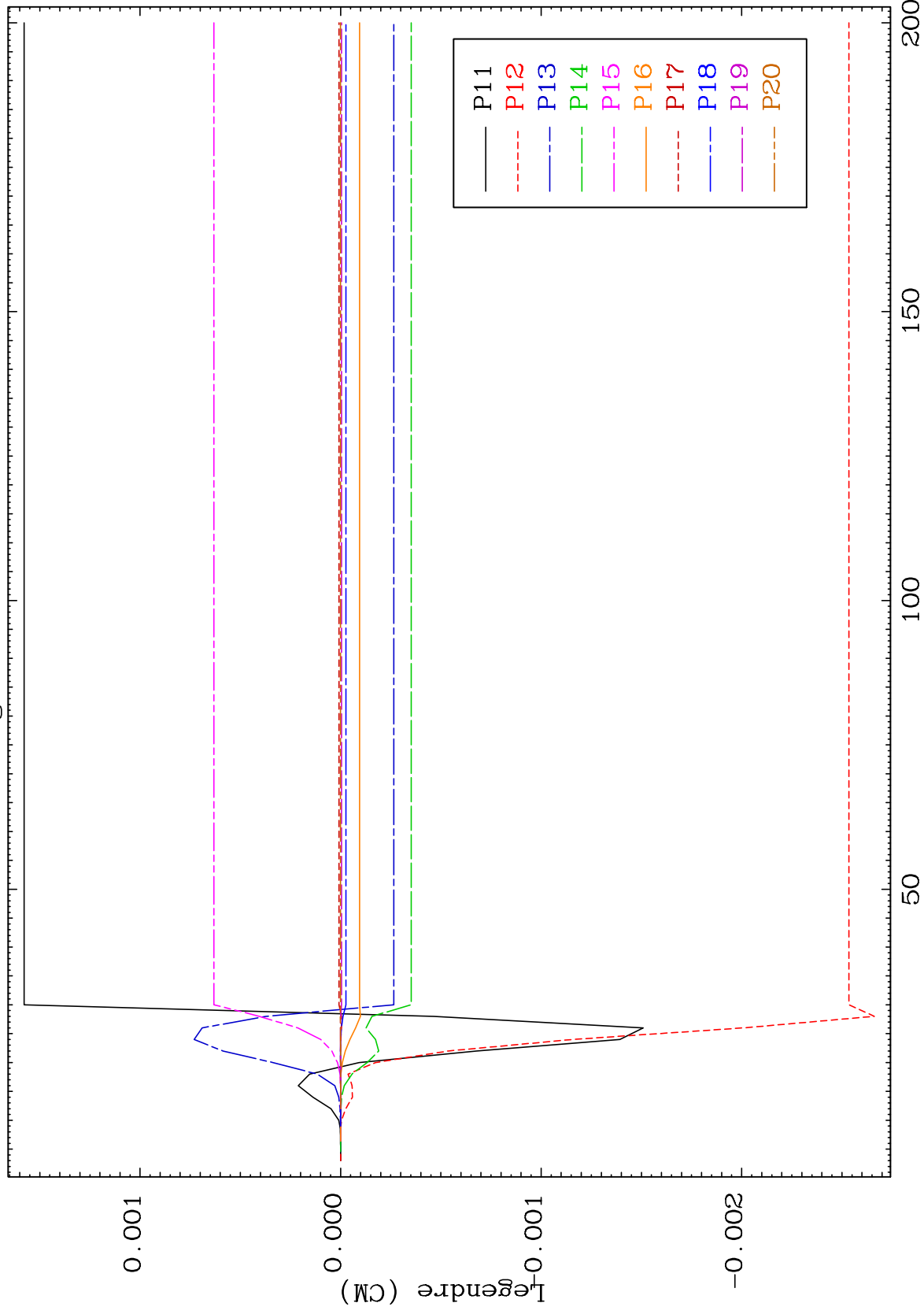
71

61-Pm-137

MAT 6119

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

61-Pm-137



72

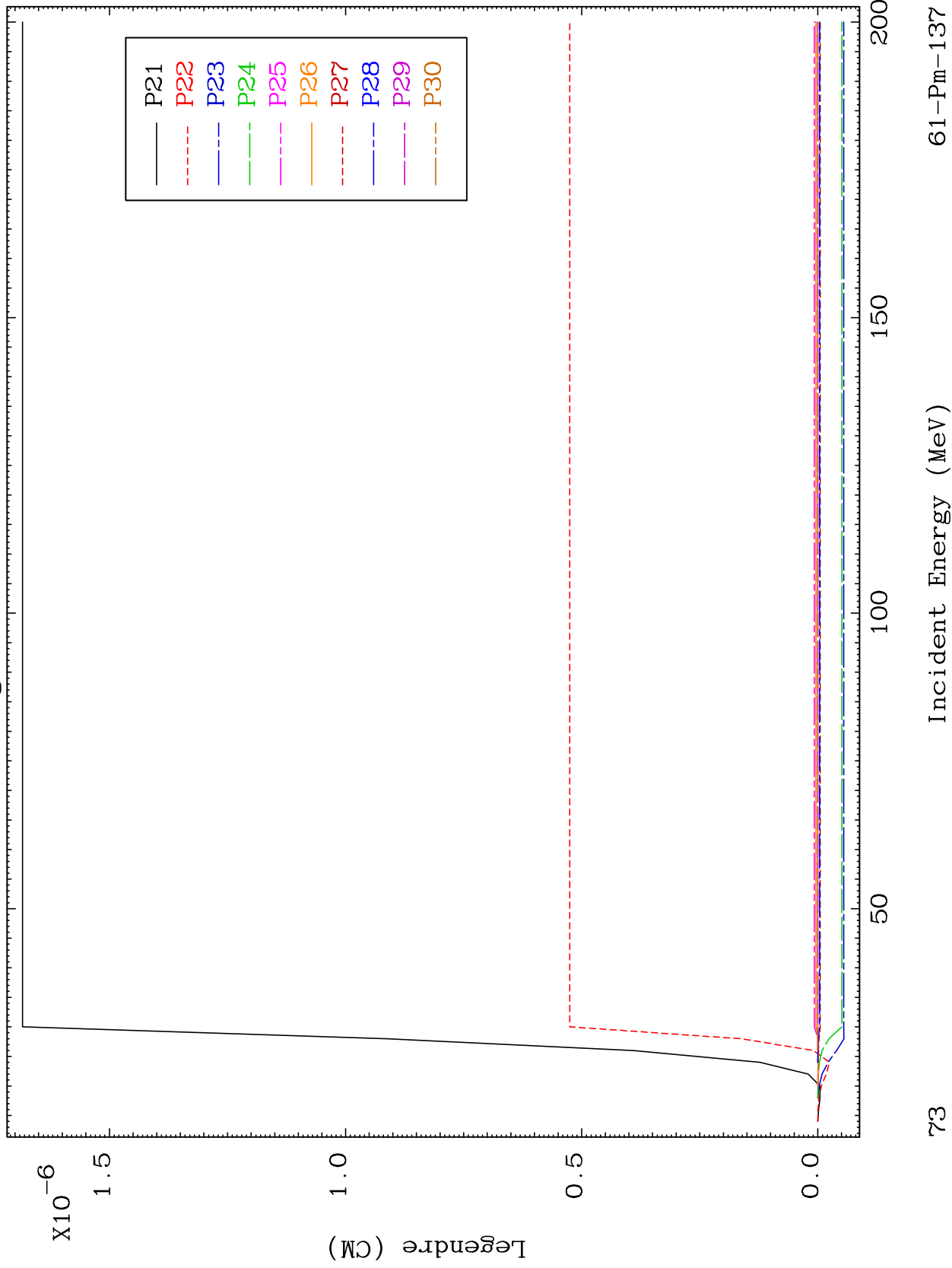
Incident Energy (MeV)

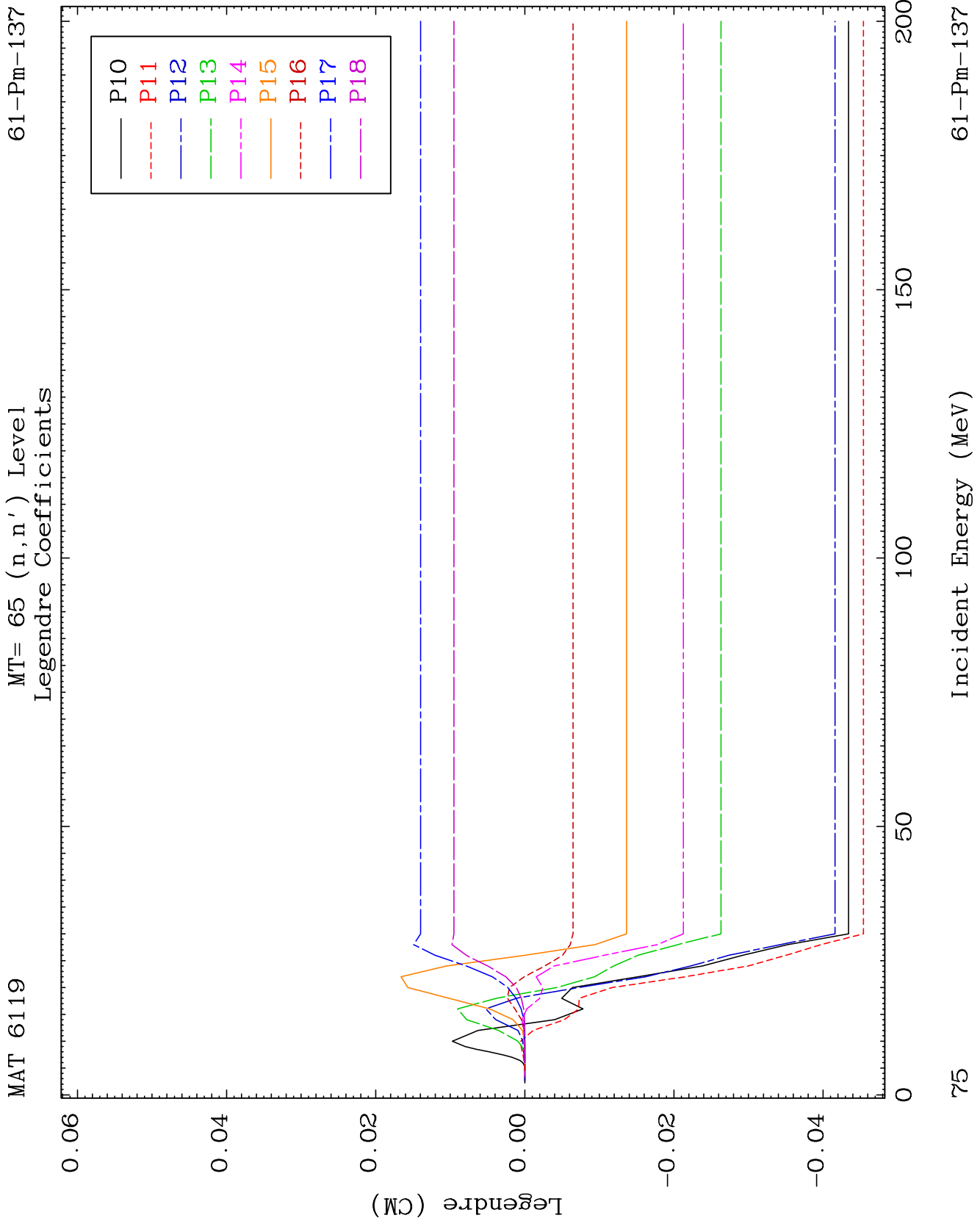
61-Pm-137

MAT 6119

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

61-Pm-137

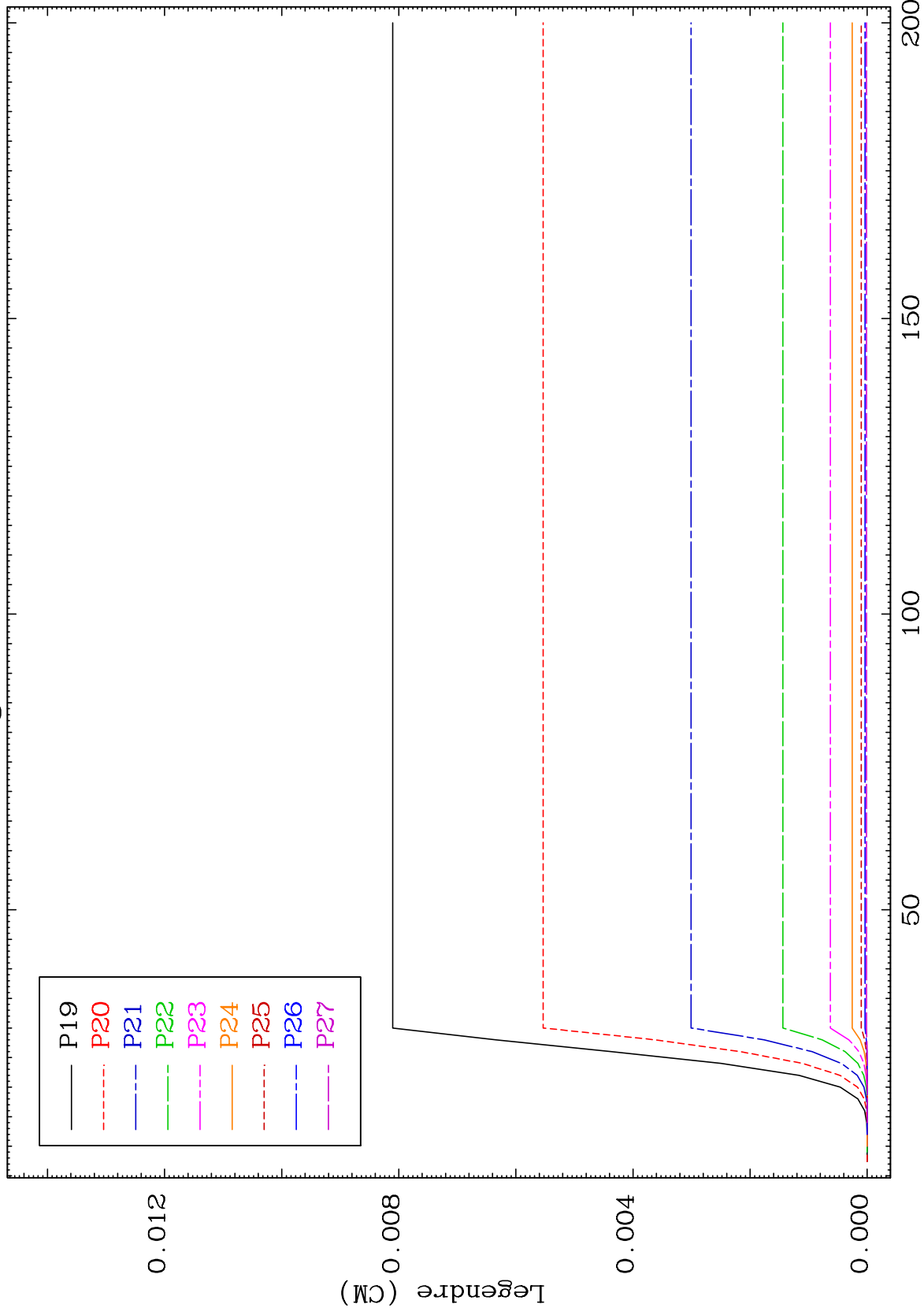




MAT 6119

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

61-Pm-137



76

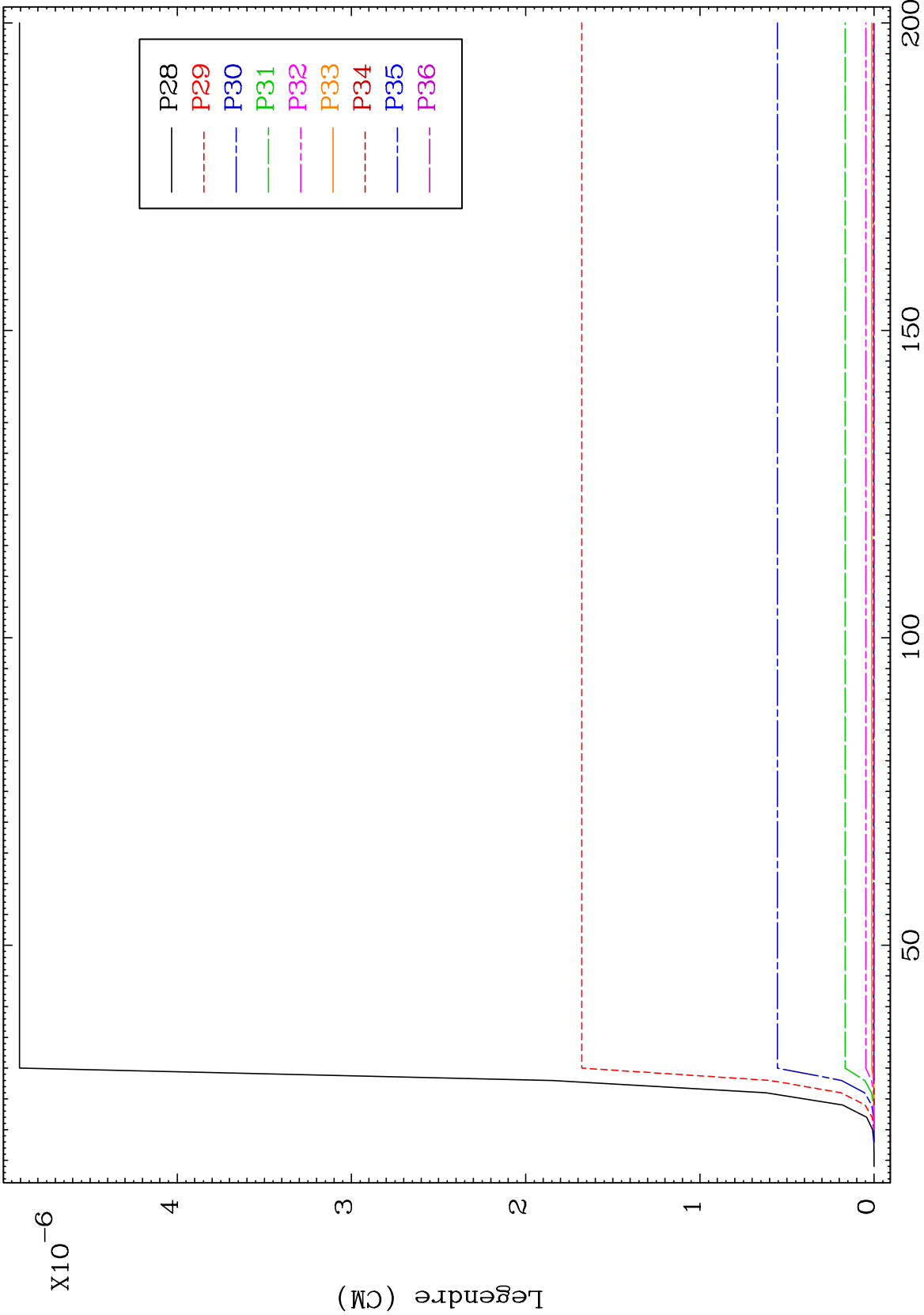
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



77

Incident Energy (MeV)

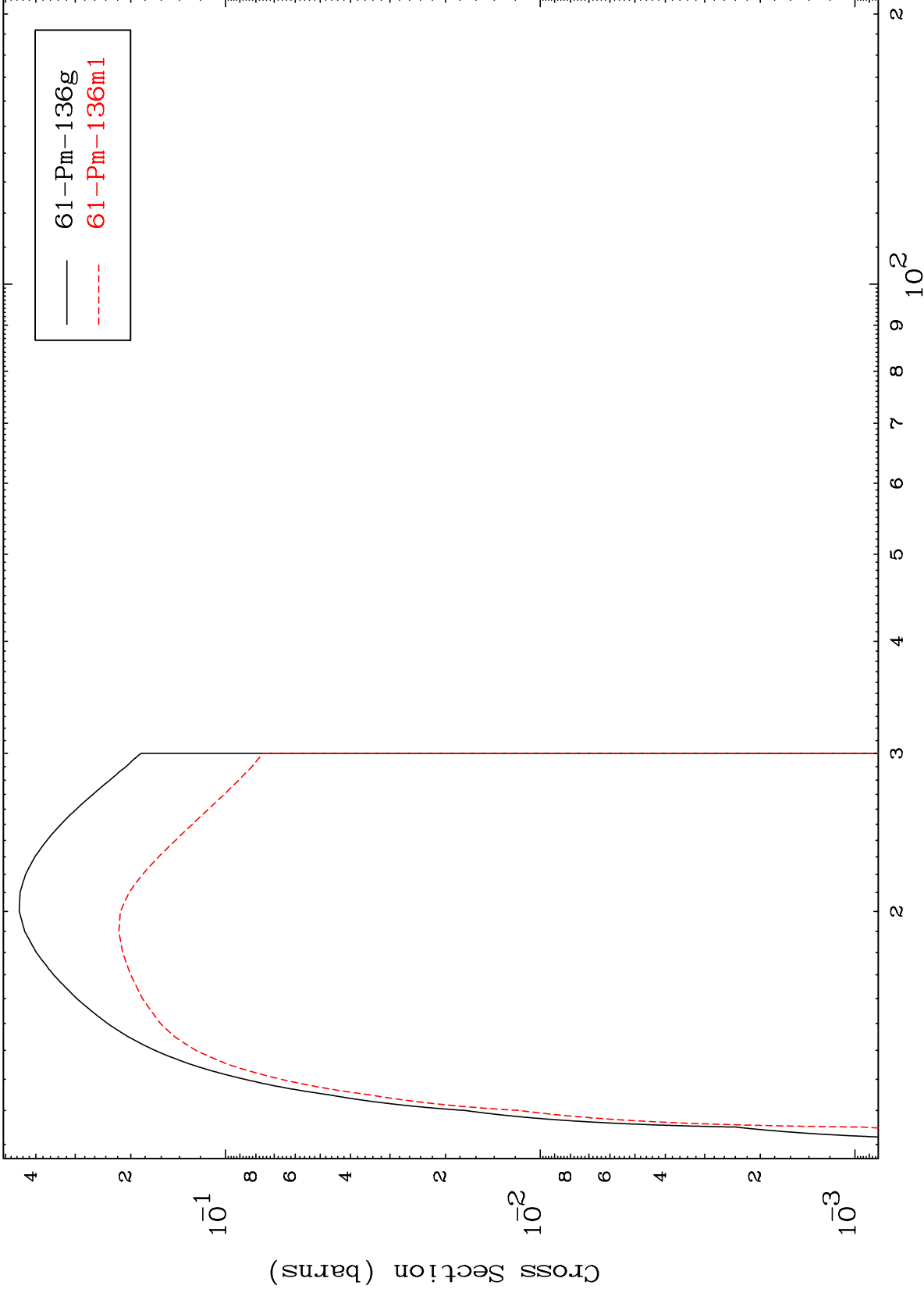
61-Pm-137

MAT 6119

(n,2n)

61-Pm-137

Radionuclide Production Cross Section



78

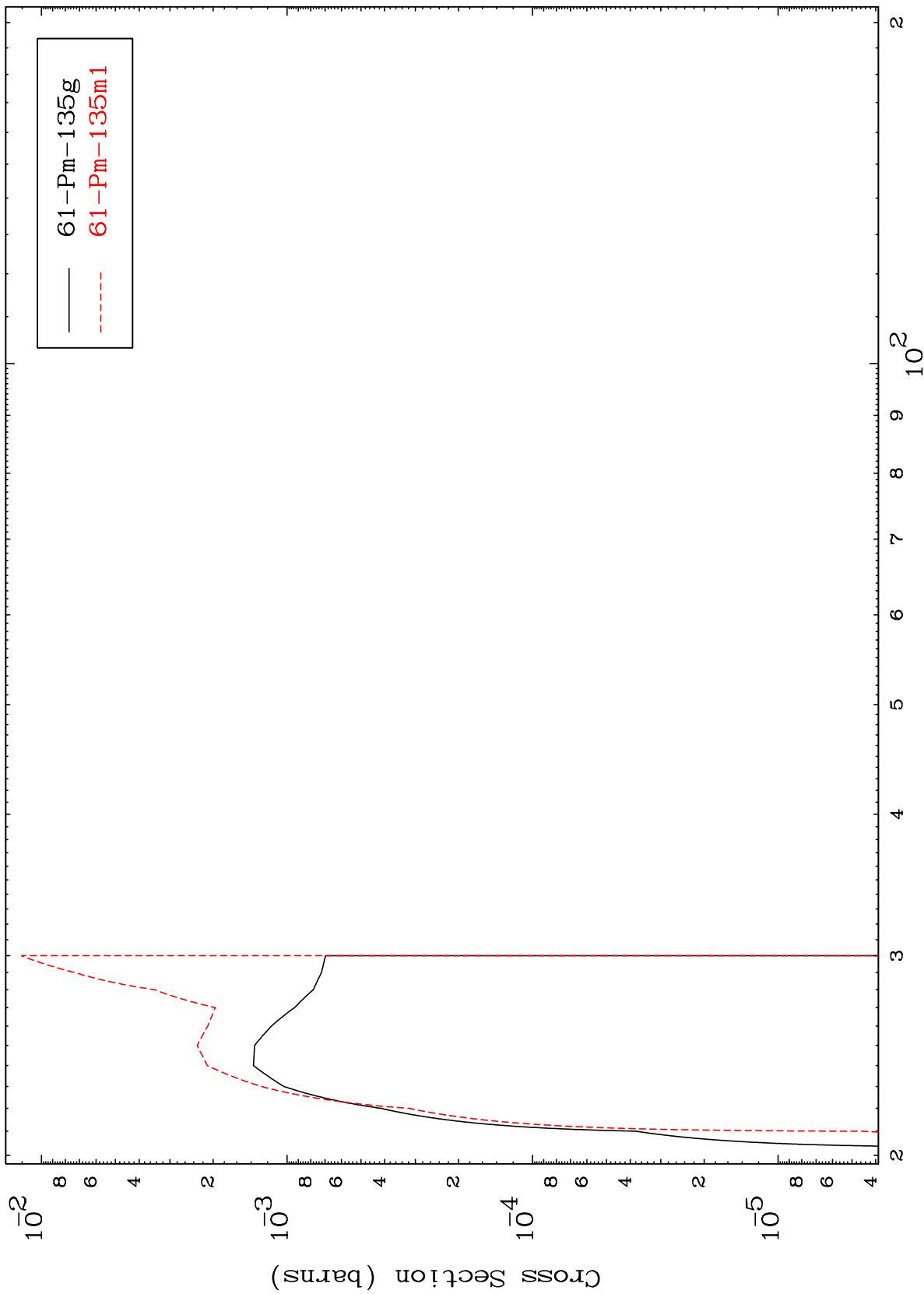
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n,3n)
Radionuclide Production Cross Section



79

61-Pm-137

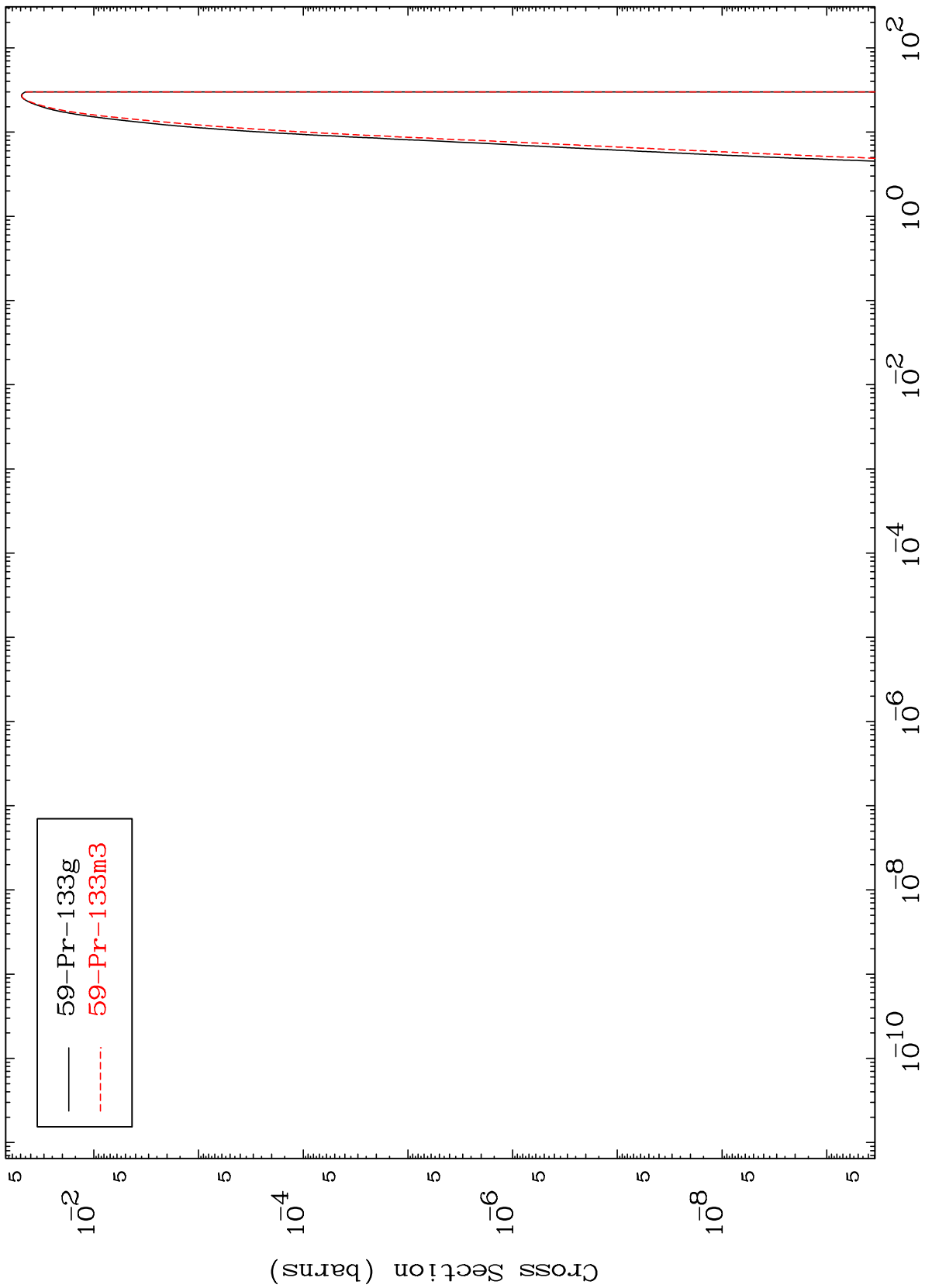
Incident Energy (MeV)

MAT 6119

(n,n') α

61-Pm-137

Radionuclide Production Cross Section



80

Incident Energy (MeV)

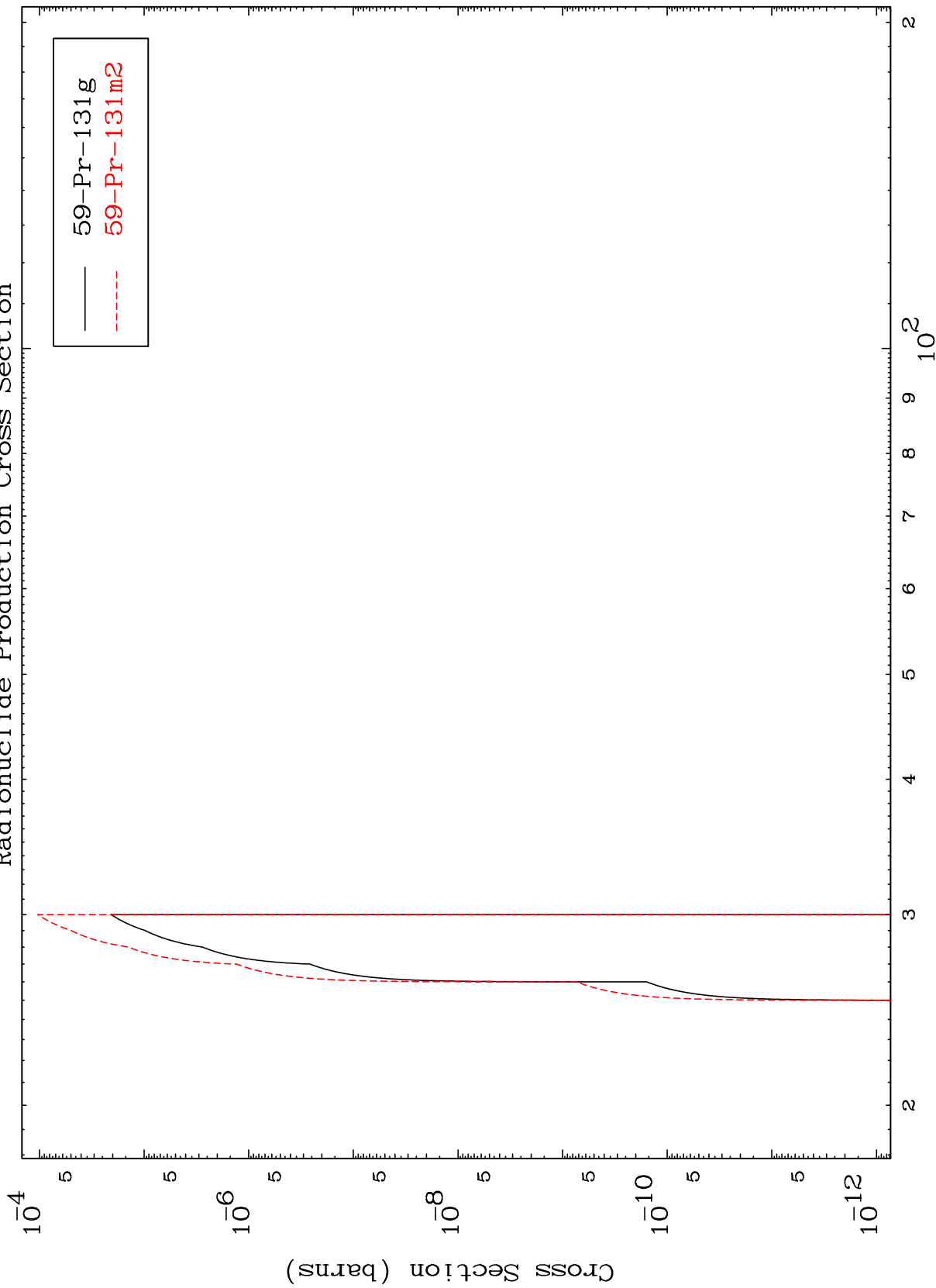
61-Pm-137

MAT 6119

(n,3n) α

61-Pm-137

Radionuclide Production Cross Section



81

Incident Energy (MeV)

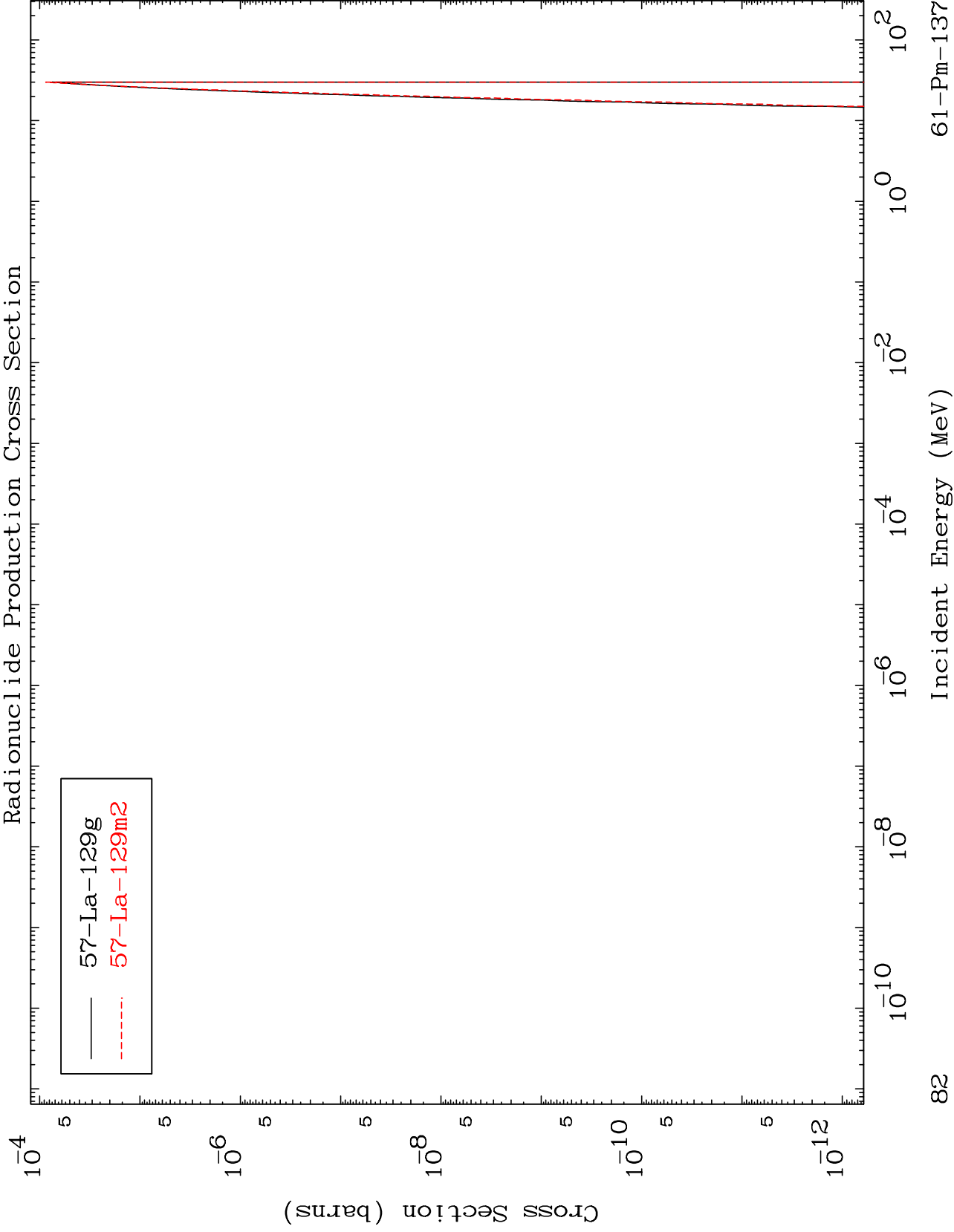
61-Pm-137

MAT 6119

(n,n') 2 α

61-Pm-137

Radionuclide Production Cross Section

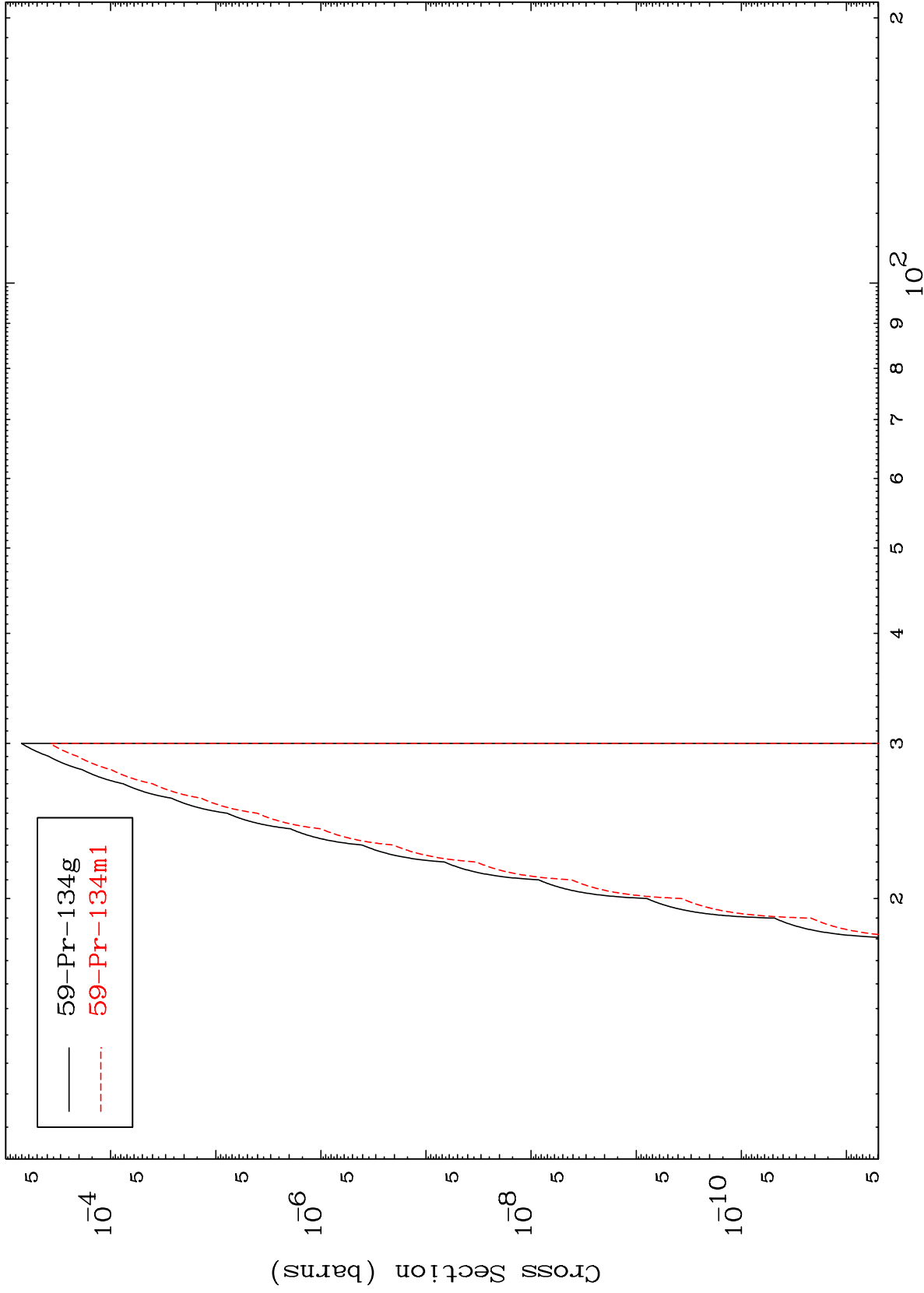


MAT 6119

(n,n') He-3

61-Pm-137

Radionuclide Production Cross Section



83

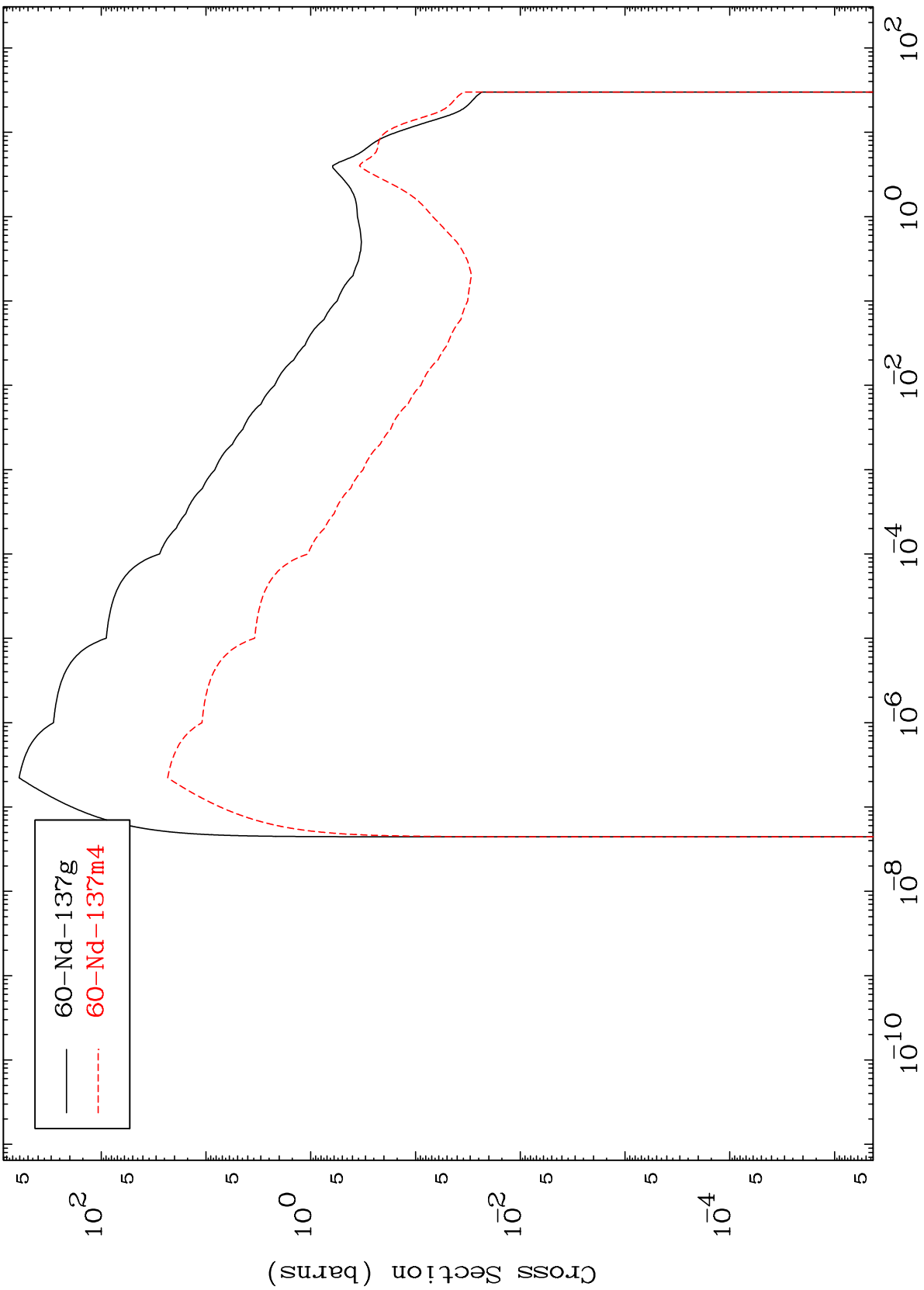
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

Radionuclide Production Cross Section (n,p)

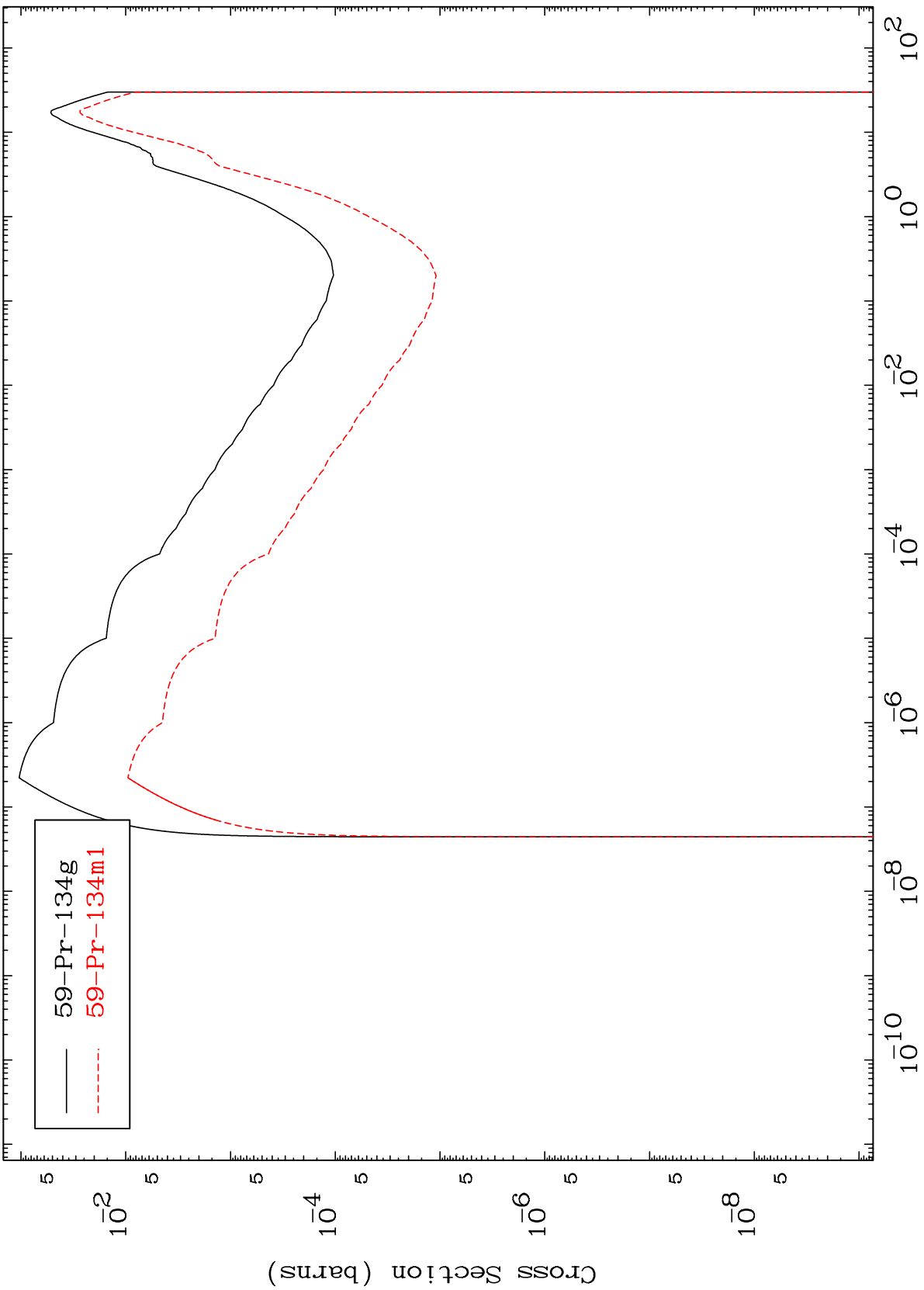


60-Nd-137g
60-Nd-137m4

MAT 6119

61-Pm-137

Radionuclide Production Cross Section



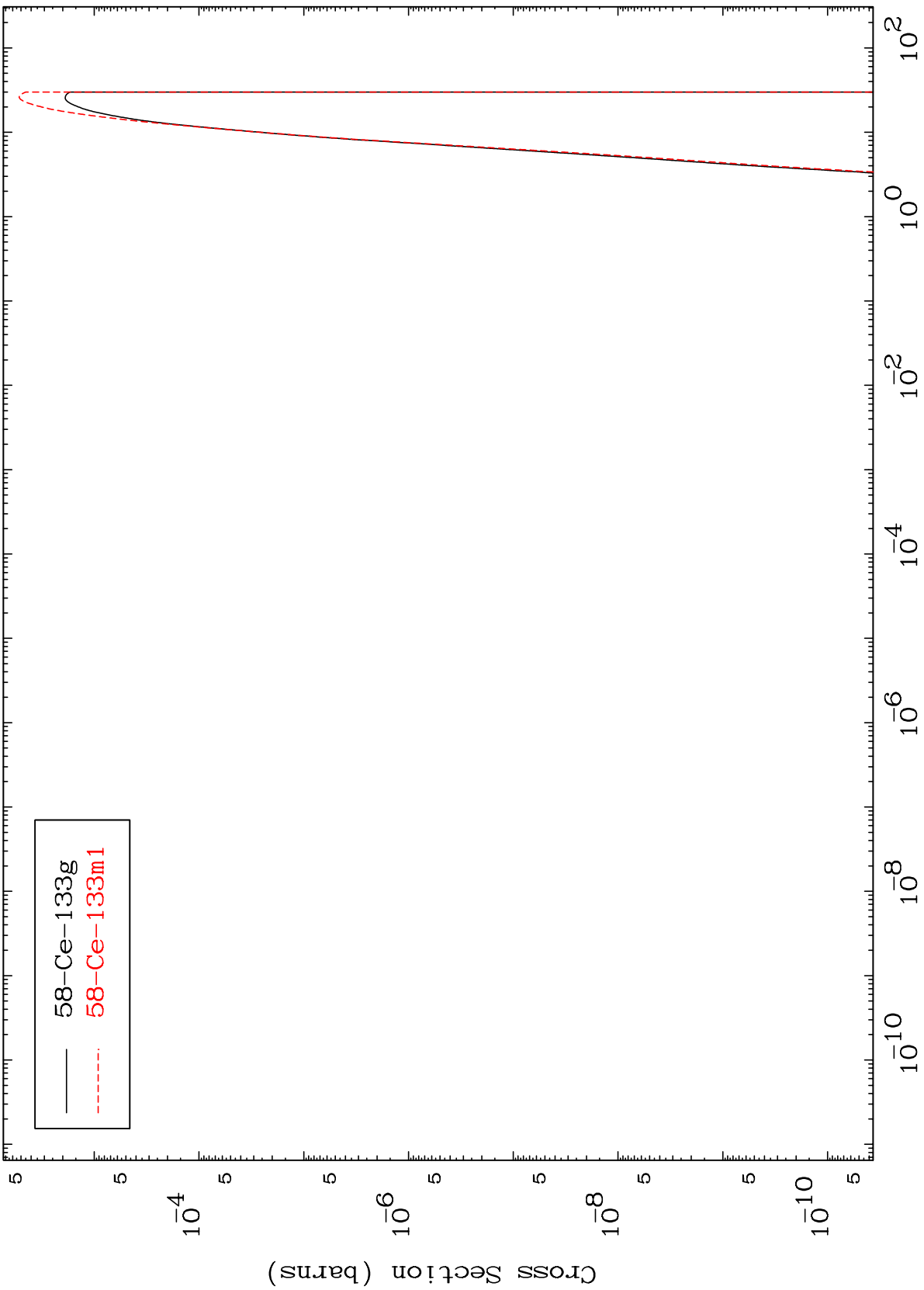
— 59-Pr-134g
- - - 59-Pr-134m1

MAT 6119

(n,p) α

61-Pm-137

Radionuclide Production Cross Section



86

Incident Energy (MeV)

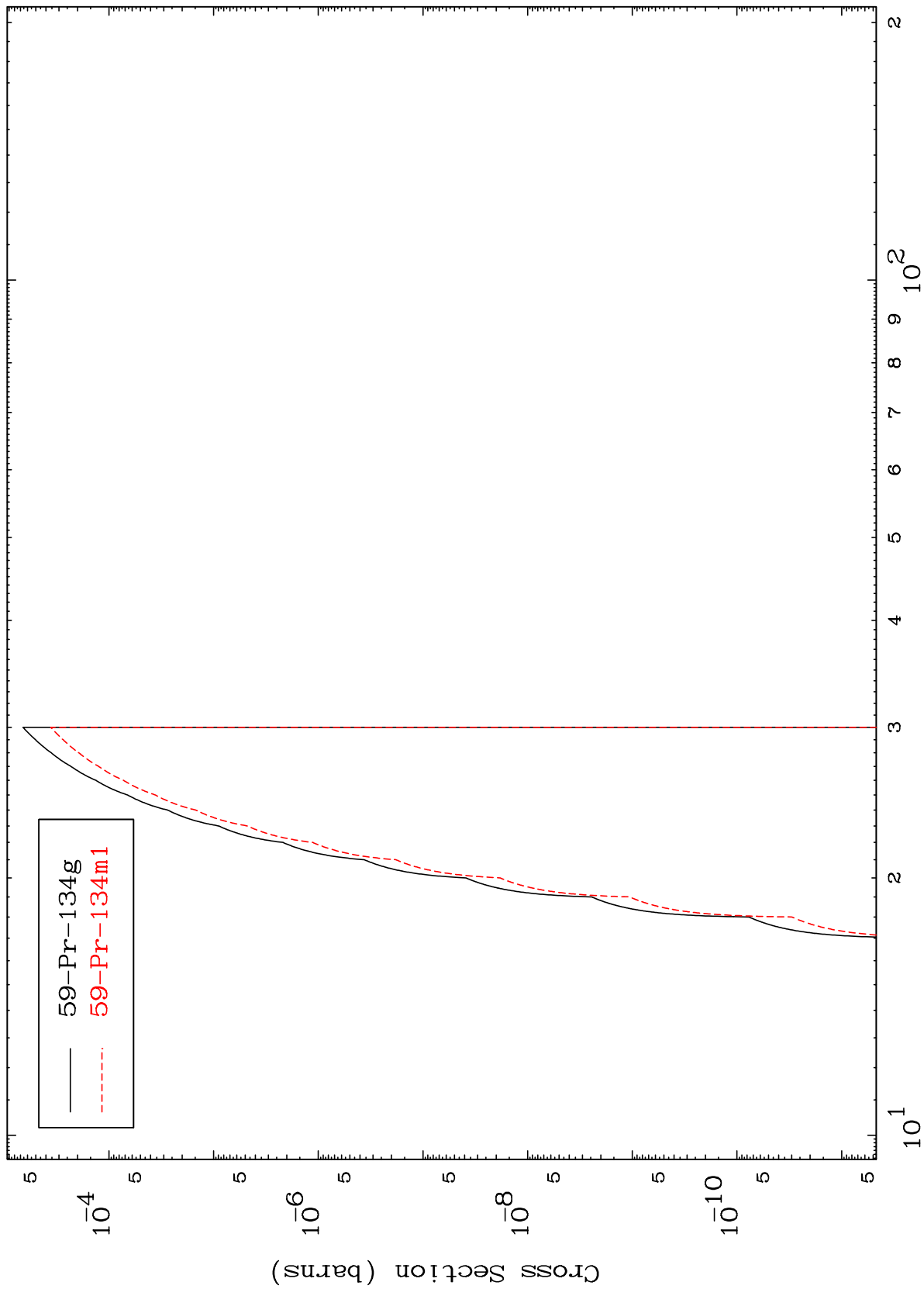
61-Pm-137

MAT 6119

(n,p) t

61-Pm-137

Radionuclide Production Cross Section



87

61-Pm-137