

Program EVALPLOT
(Version 2018-1)

by

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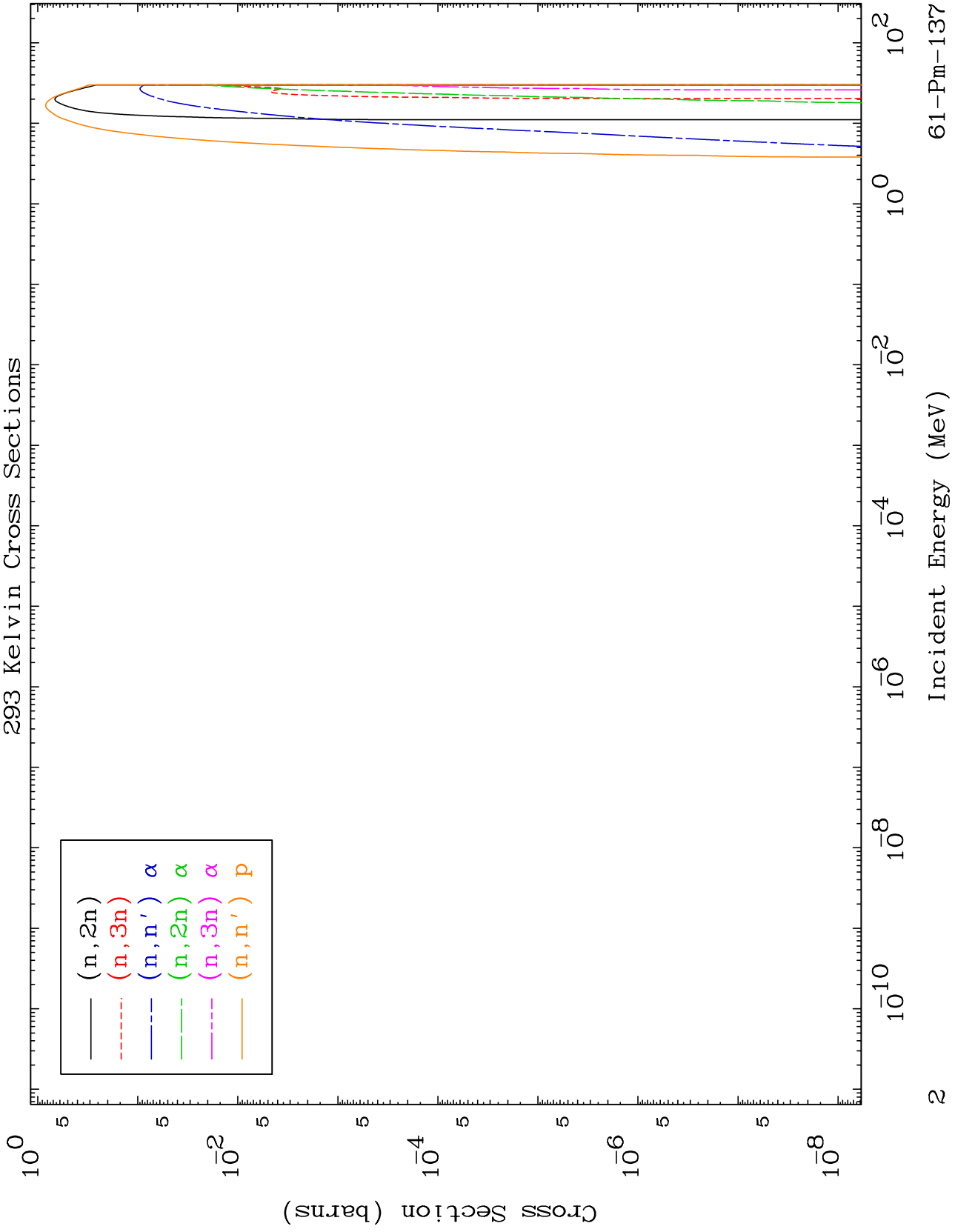
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Press Mouse Button to Start

MAT 6119

Neutron Production
293 Kelvin Cross Sections

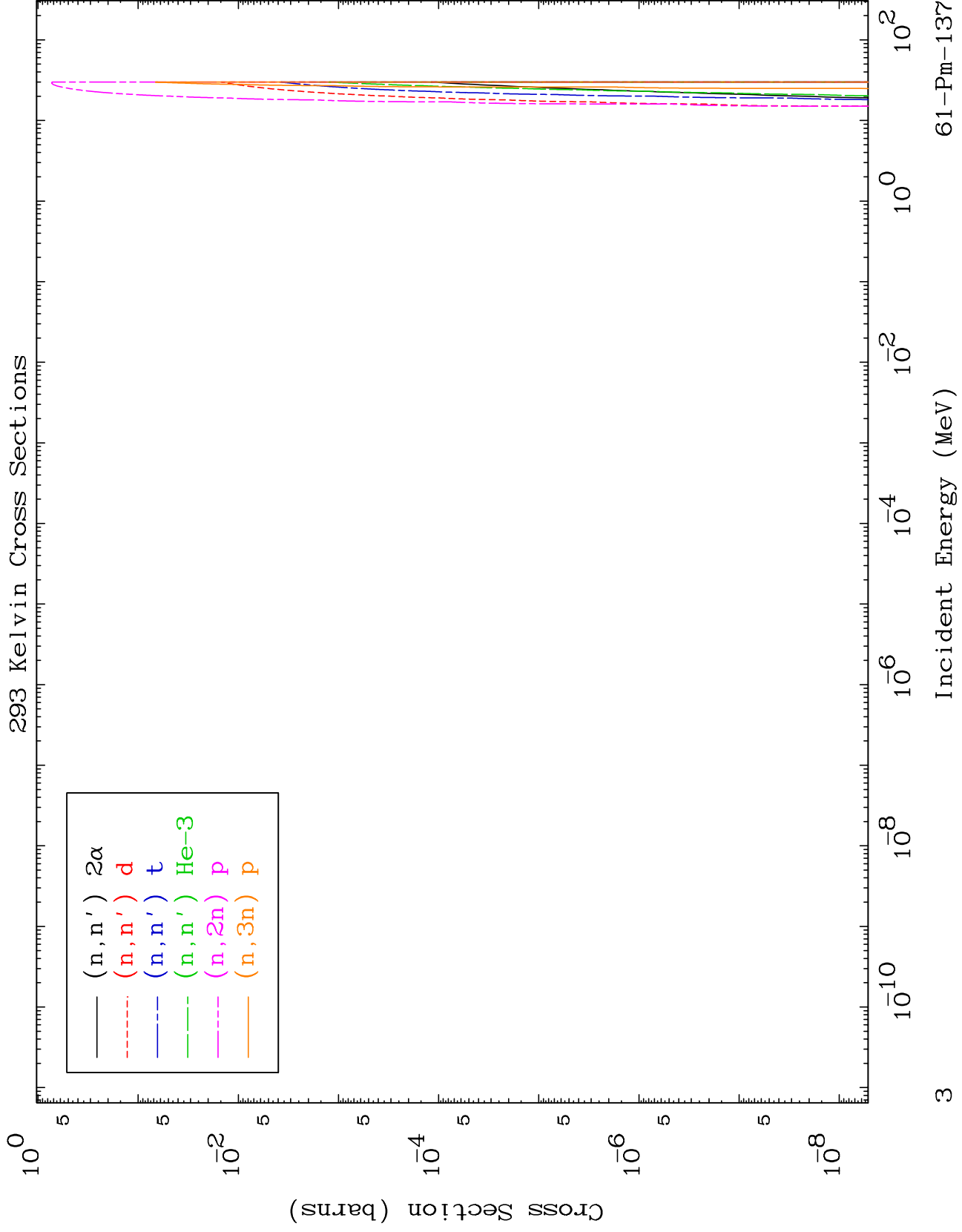
61-Pm-137



MAT 6119

Neutron Production
293 Kelvin Cross Sections

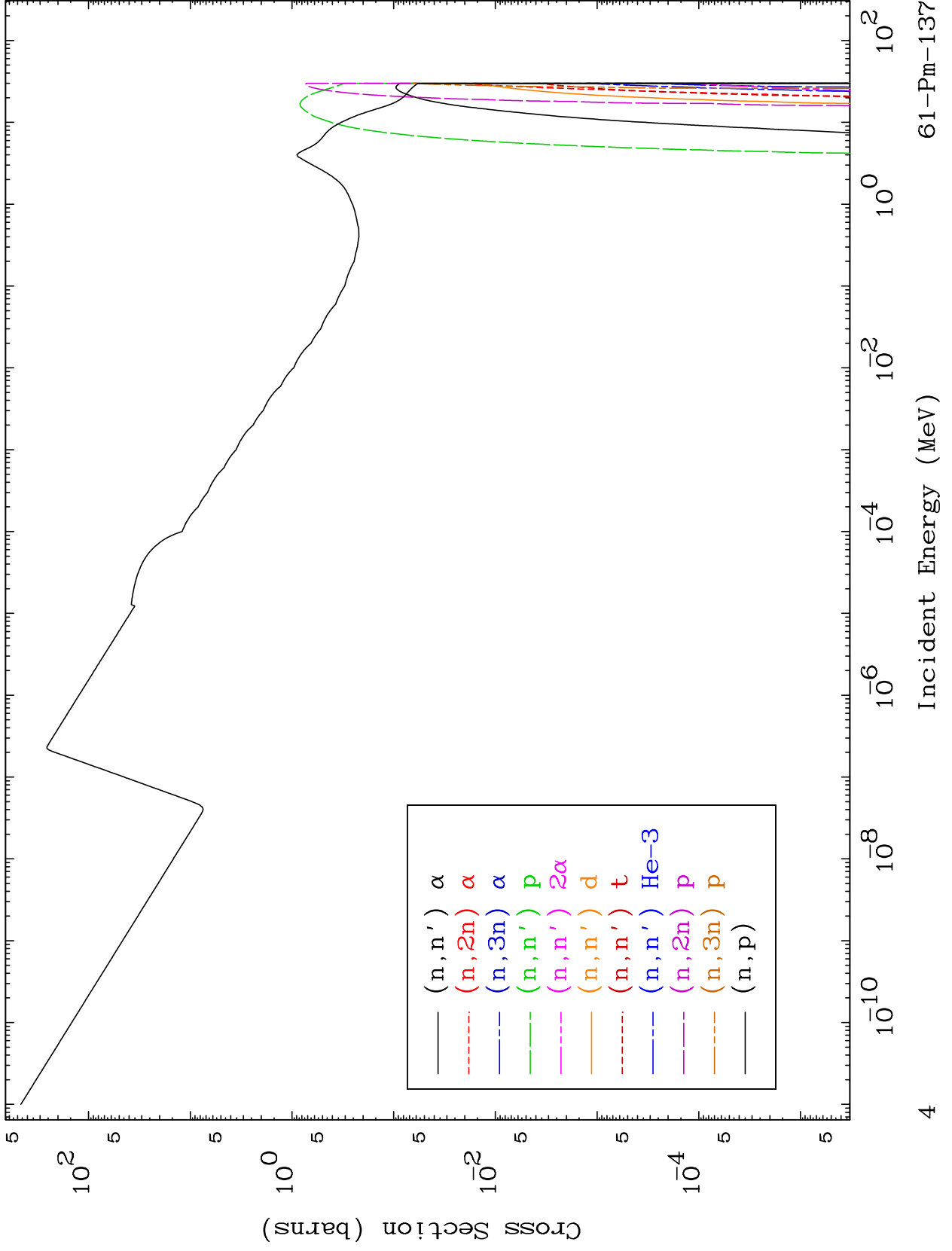
61-Pm-137



MAT 6119

Charged Particle
293 Kelvin Cross Sections

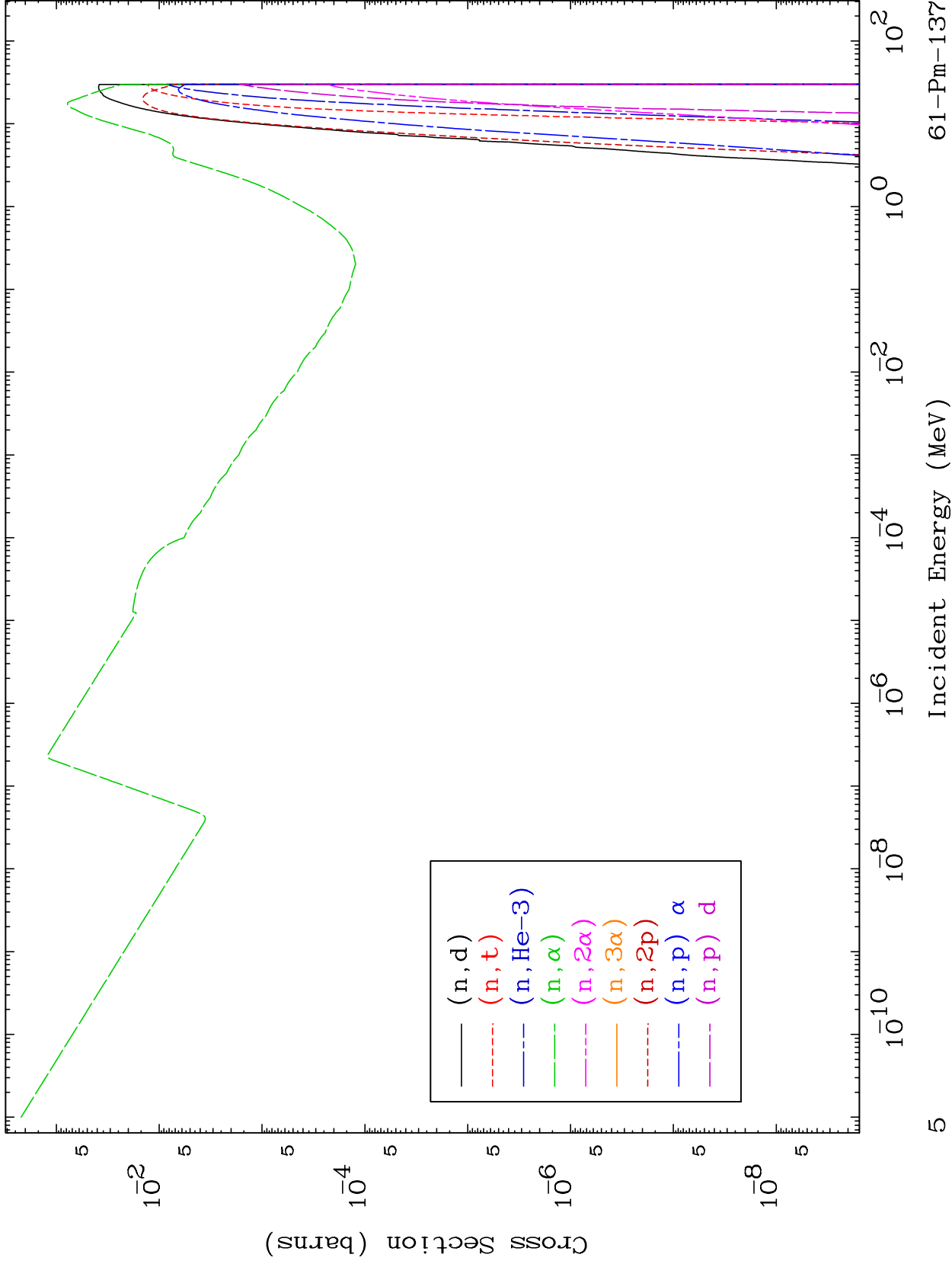
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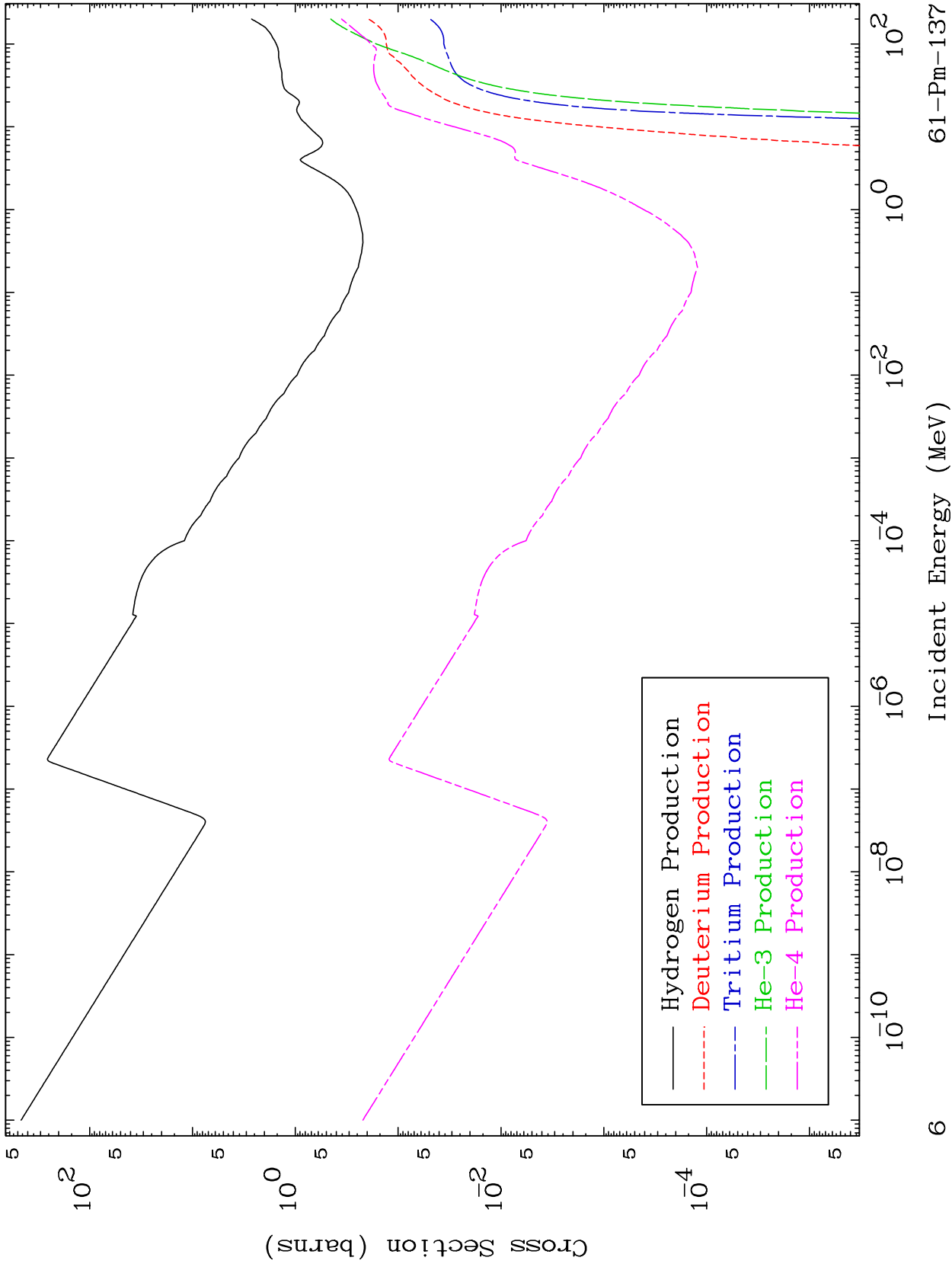


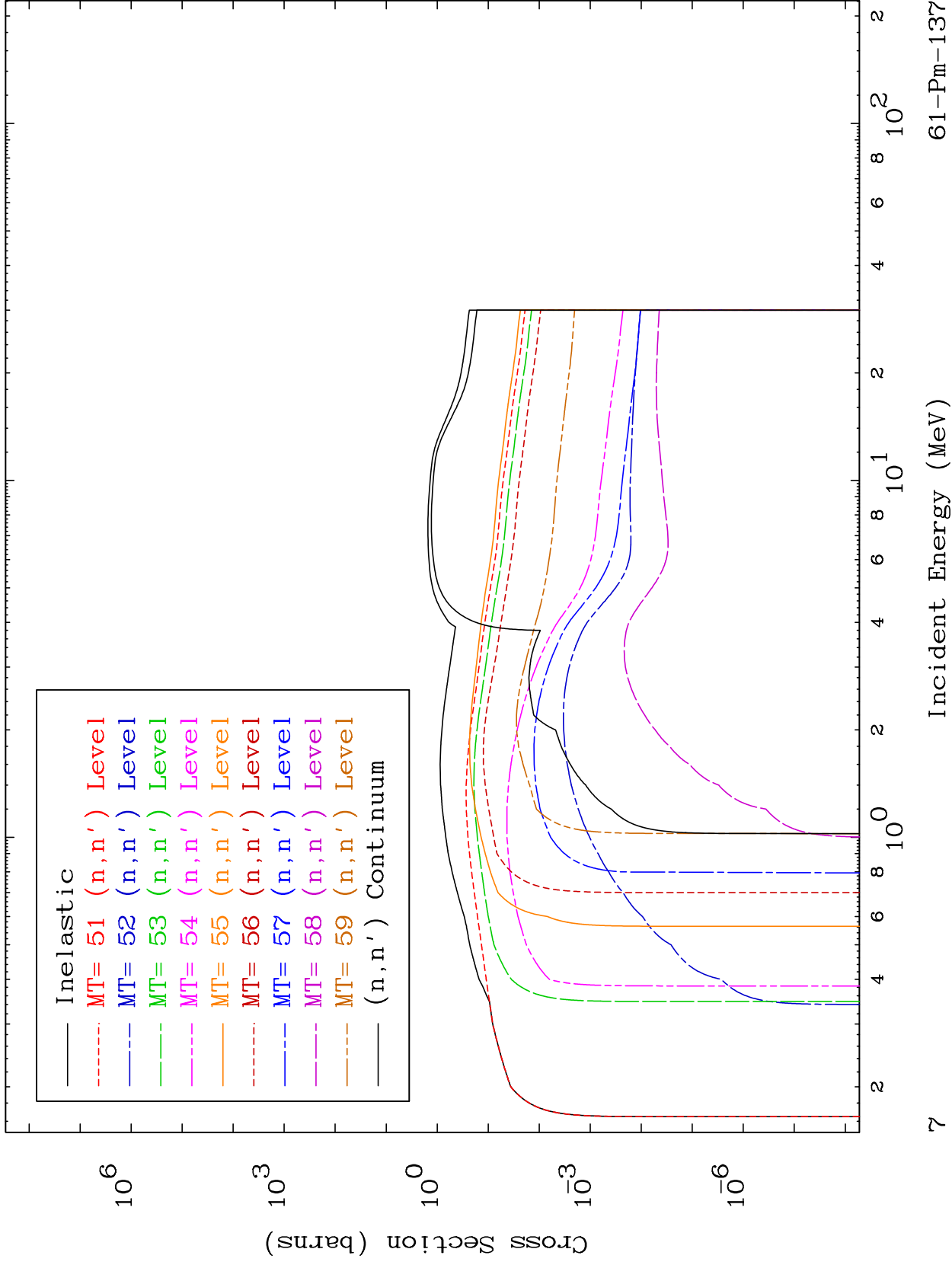
MAT 6119

Charged Particle
293 Kelvin Cross Sections

61-Pm-137



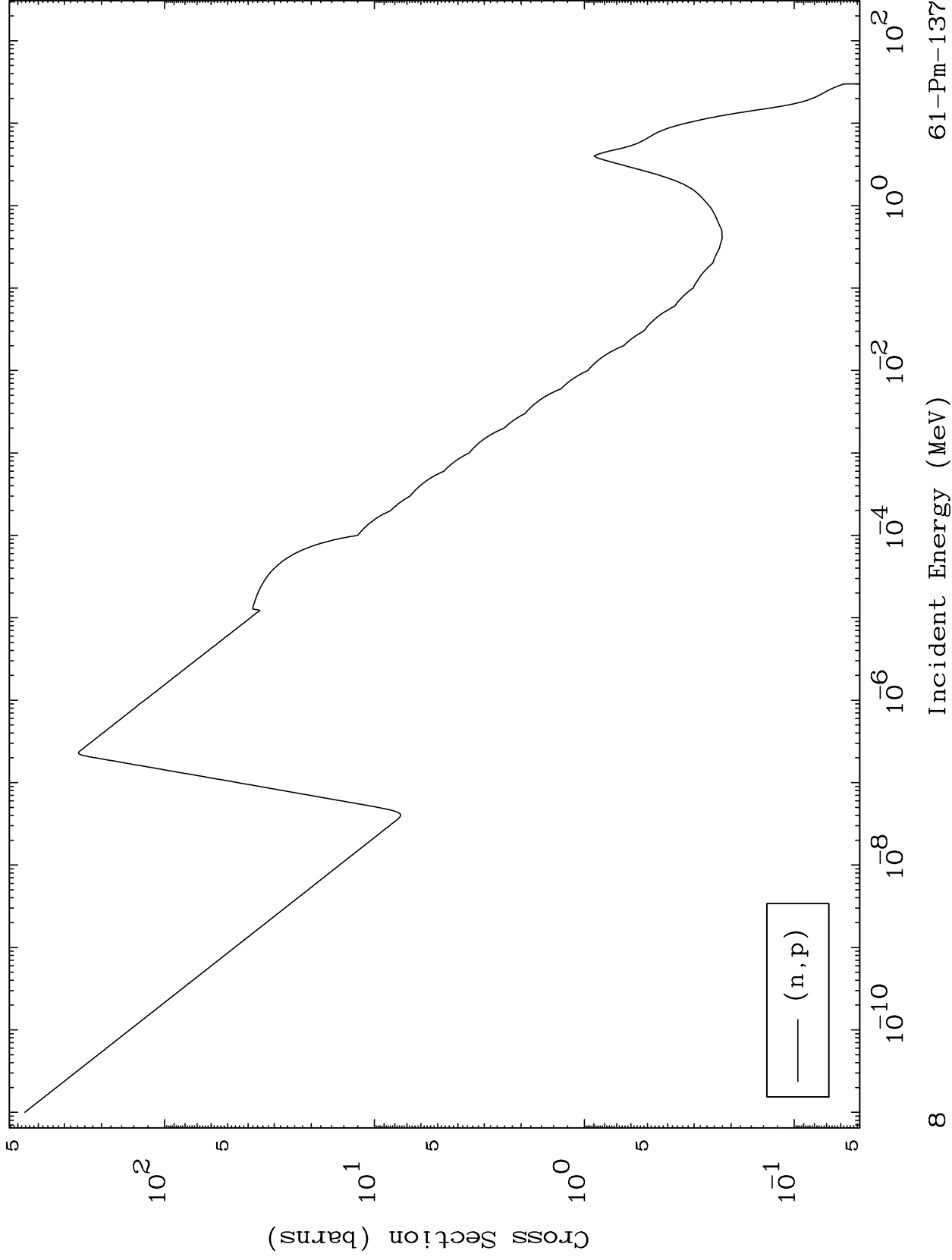




MAT 6119

(n,p) Levels
293 Kelvin Cross Sections

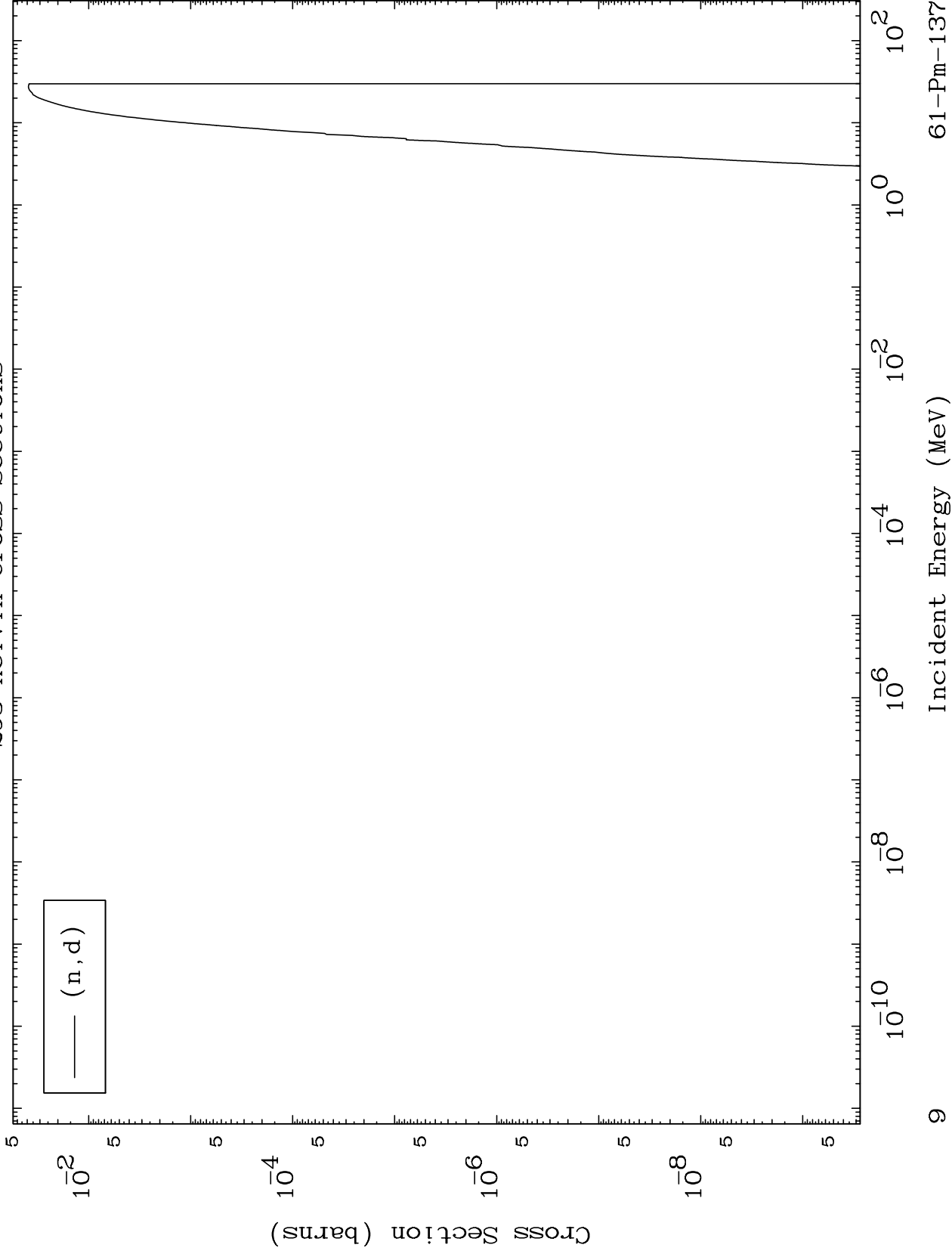
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MAT 6119

(n,d) Levels
293 Kelvin Cross Sections

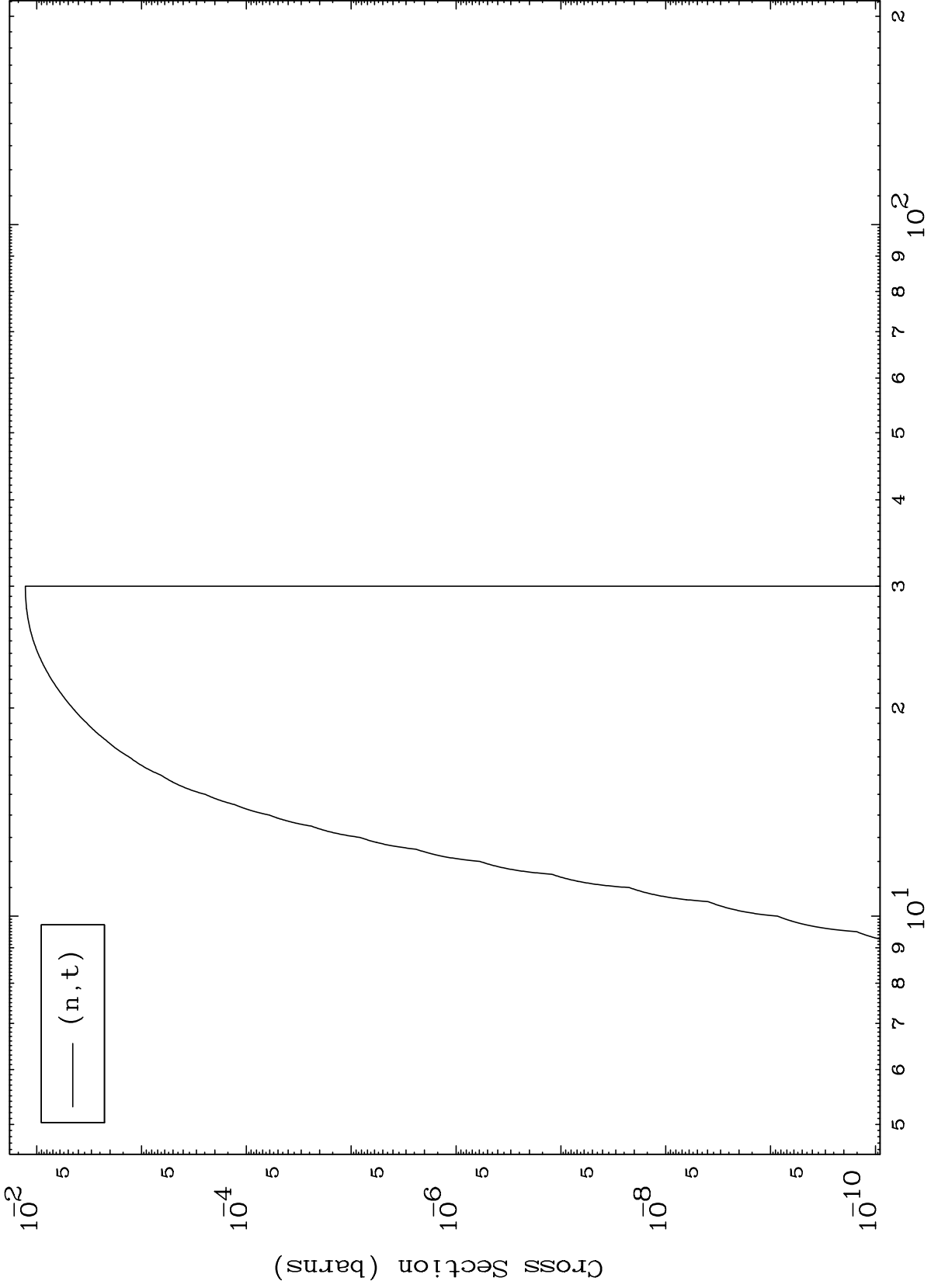
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MAT 6119

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-137



(n,t)

10

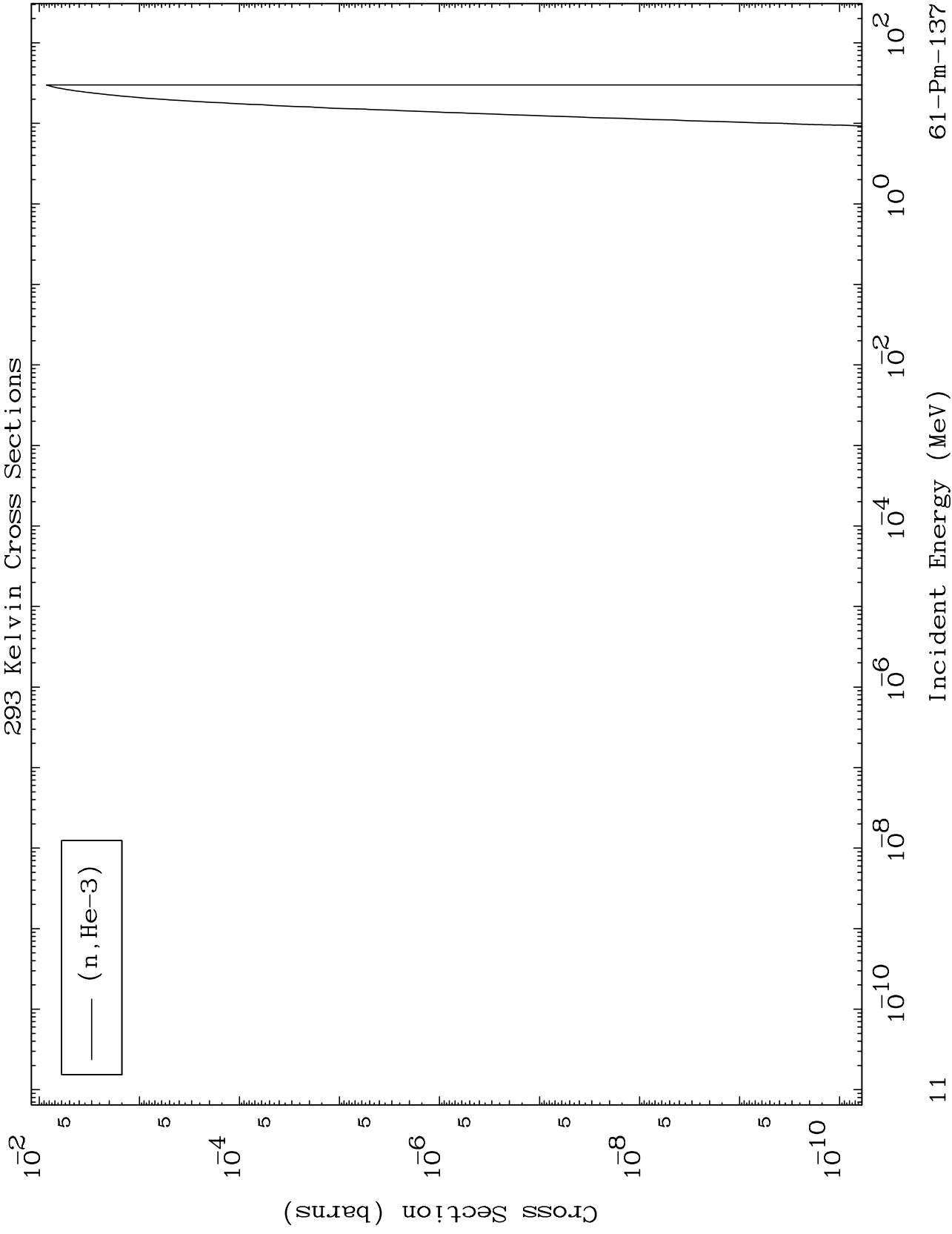
Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,He3) Levels
293 Kelvin Cross Sections

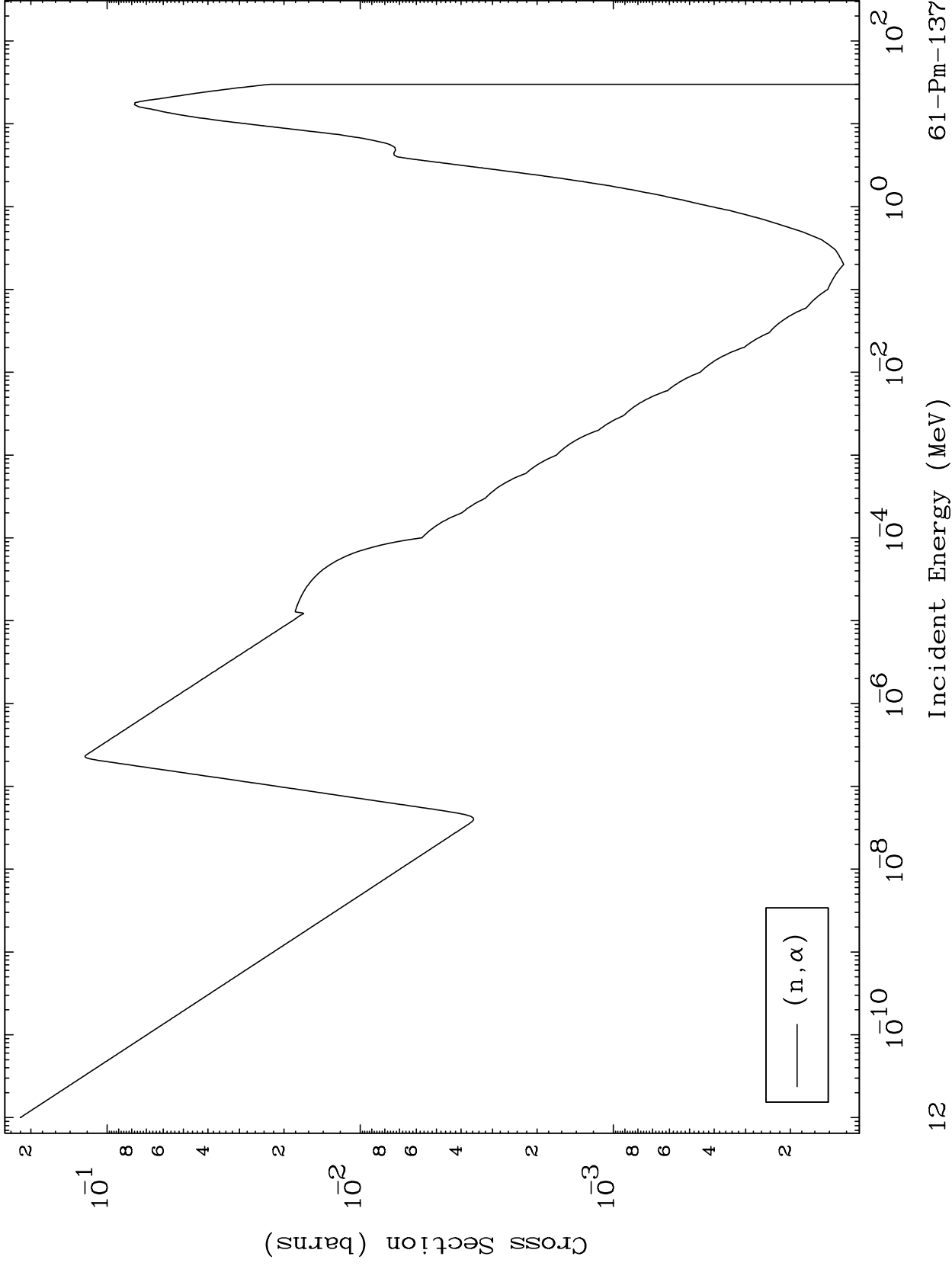
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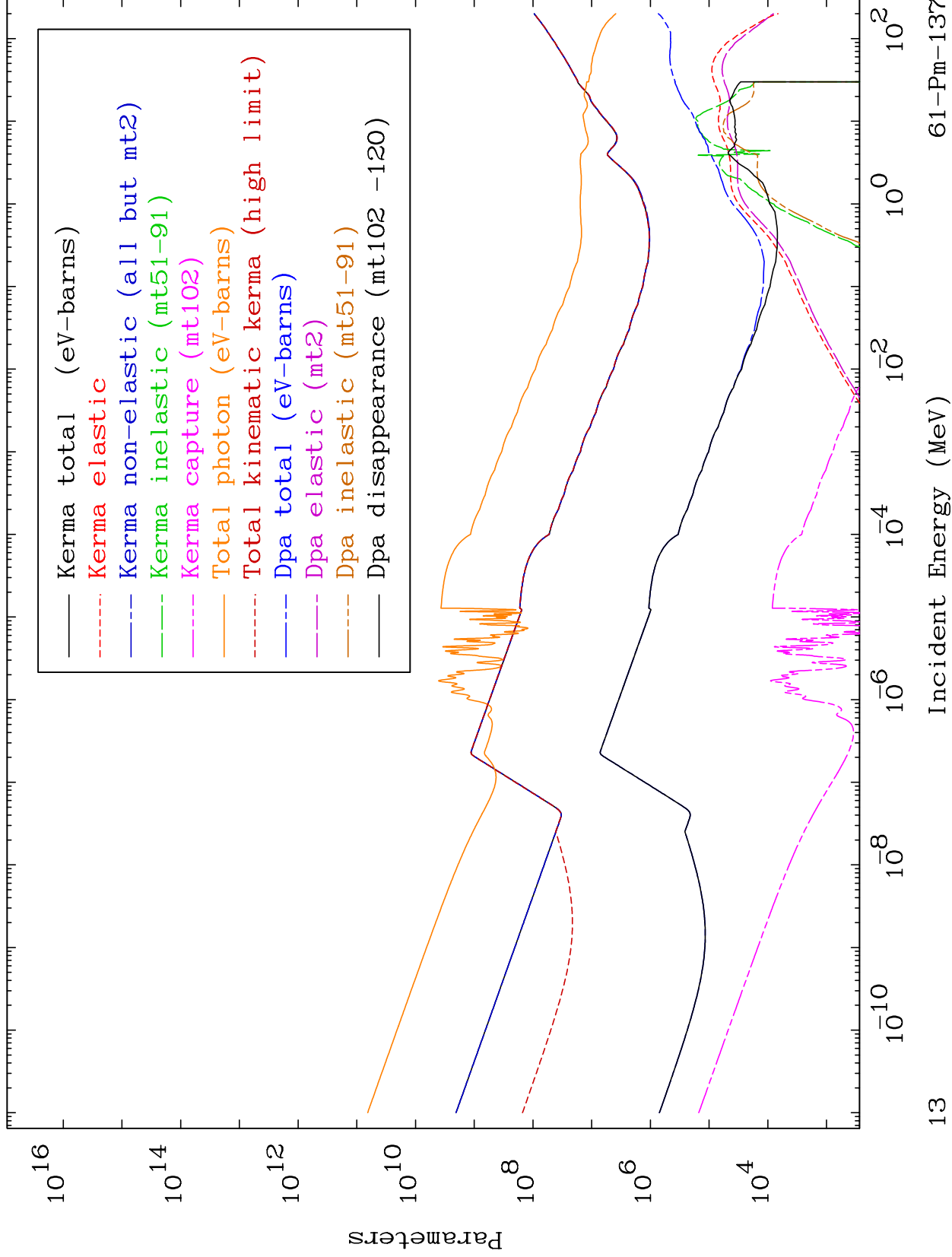


MAT 6119

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-137

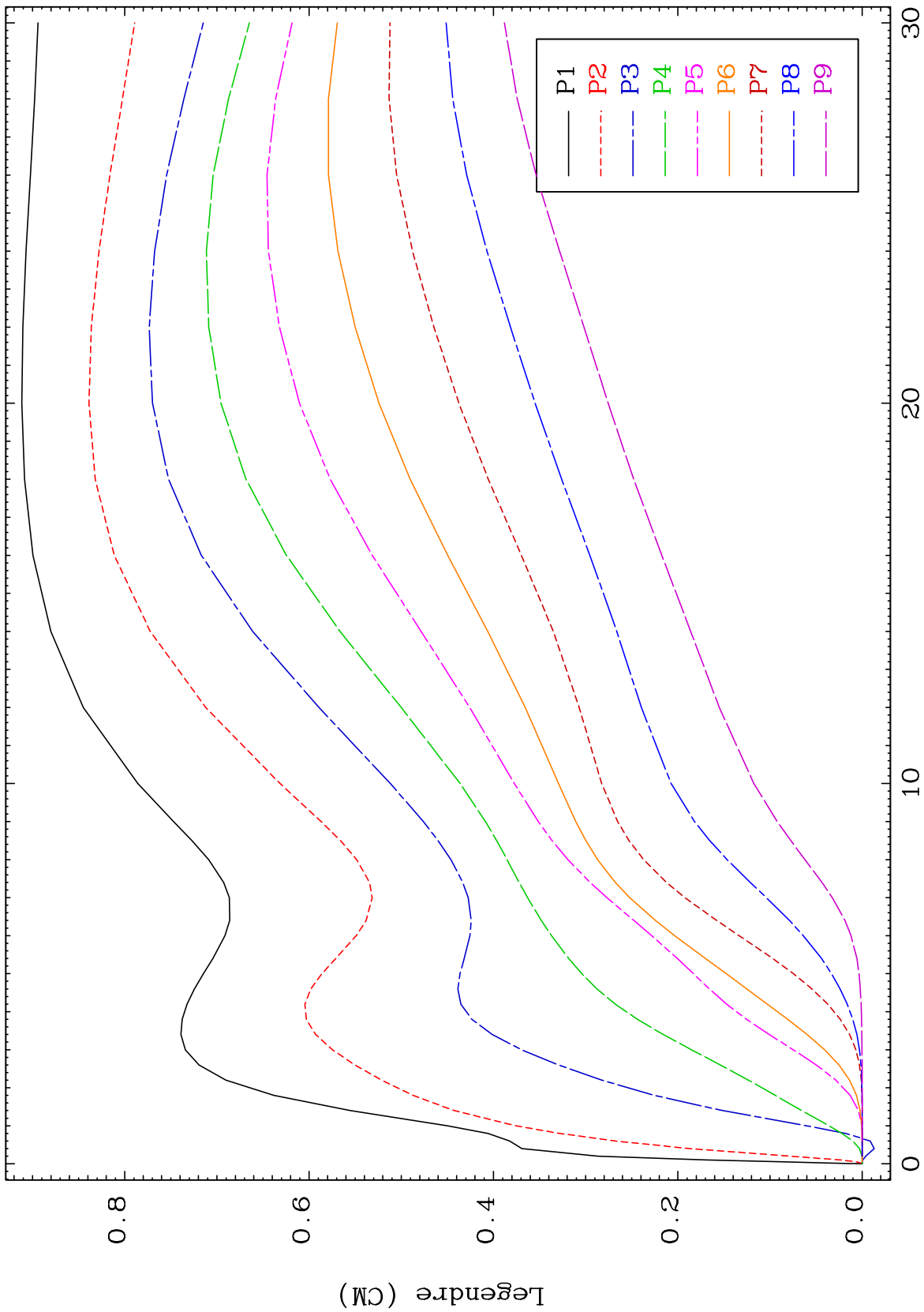




MAT 6119

Elastic Legendre Coefficients

61-Pm-137



14

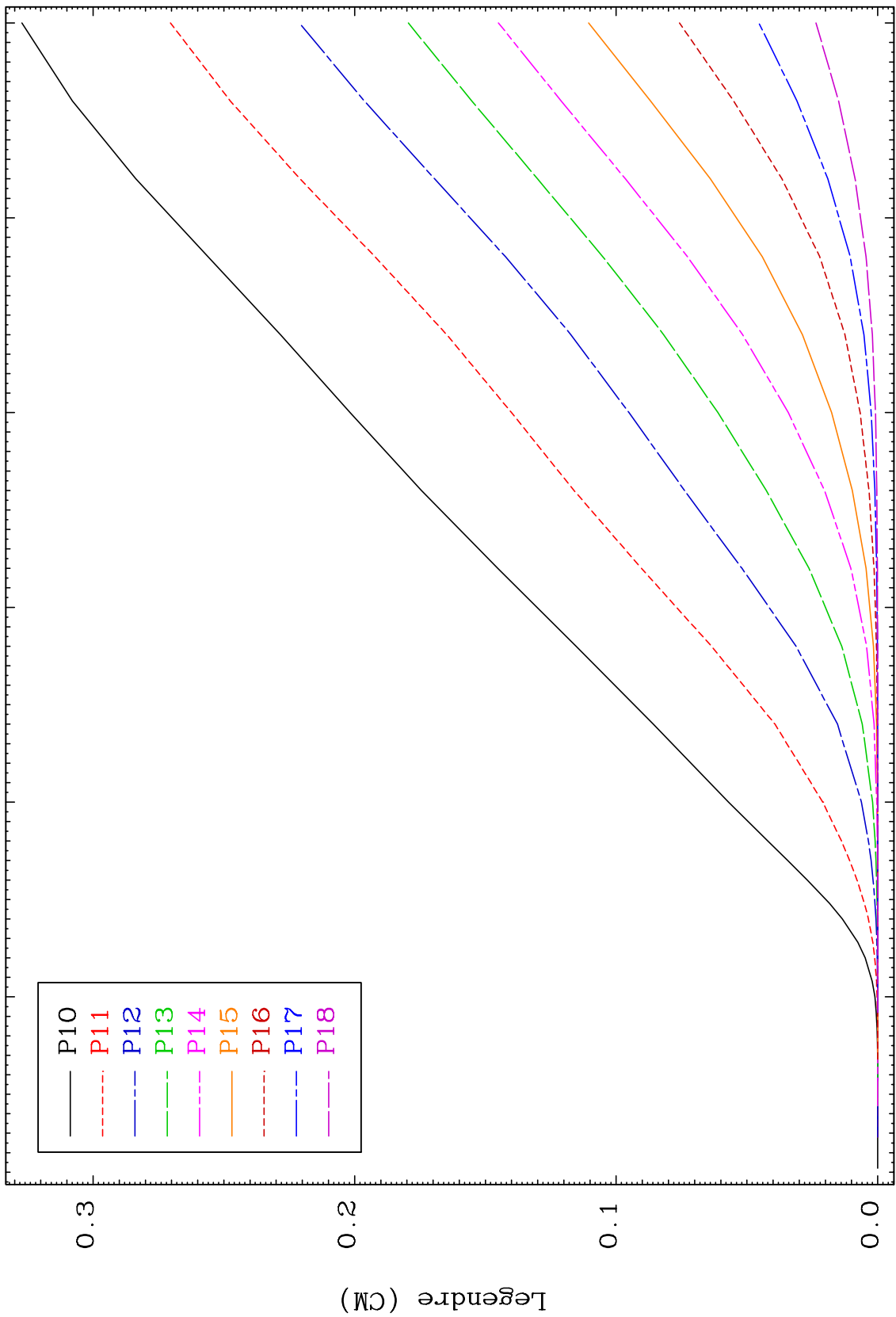
Incident Energy (MeV)

61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



15

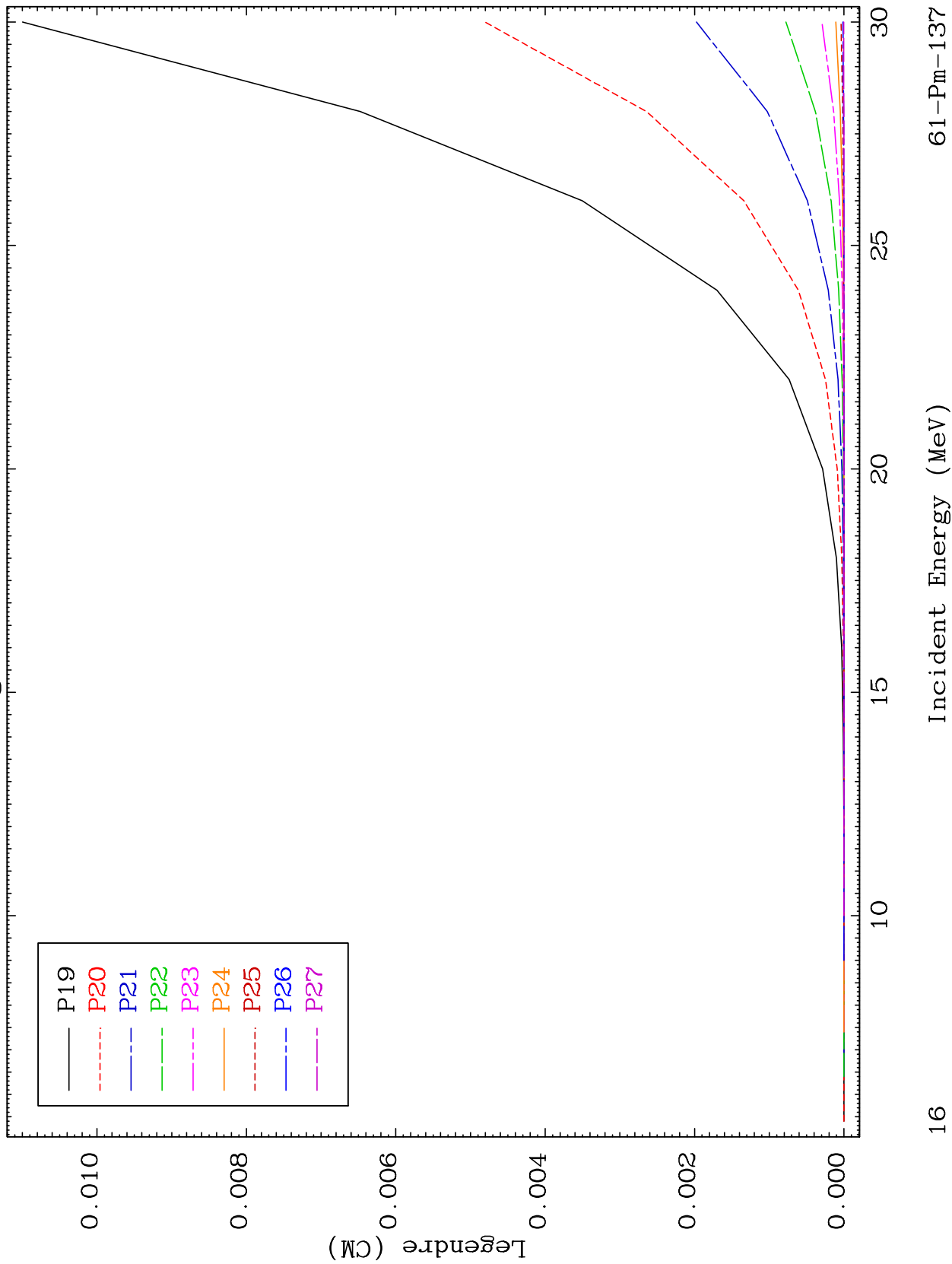
Incident Energy (MeV)

61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



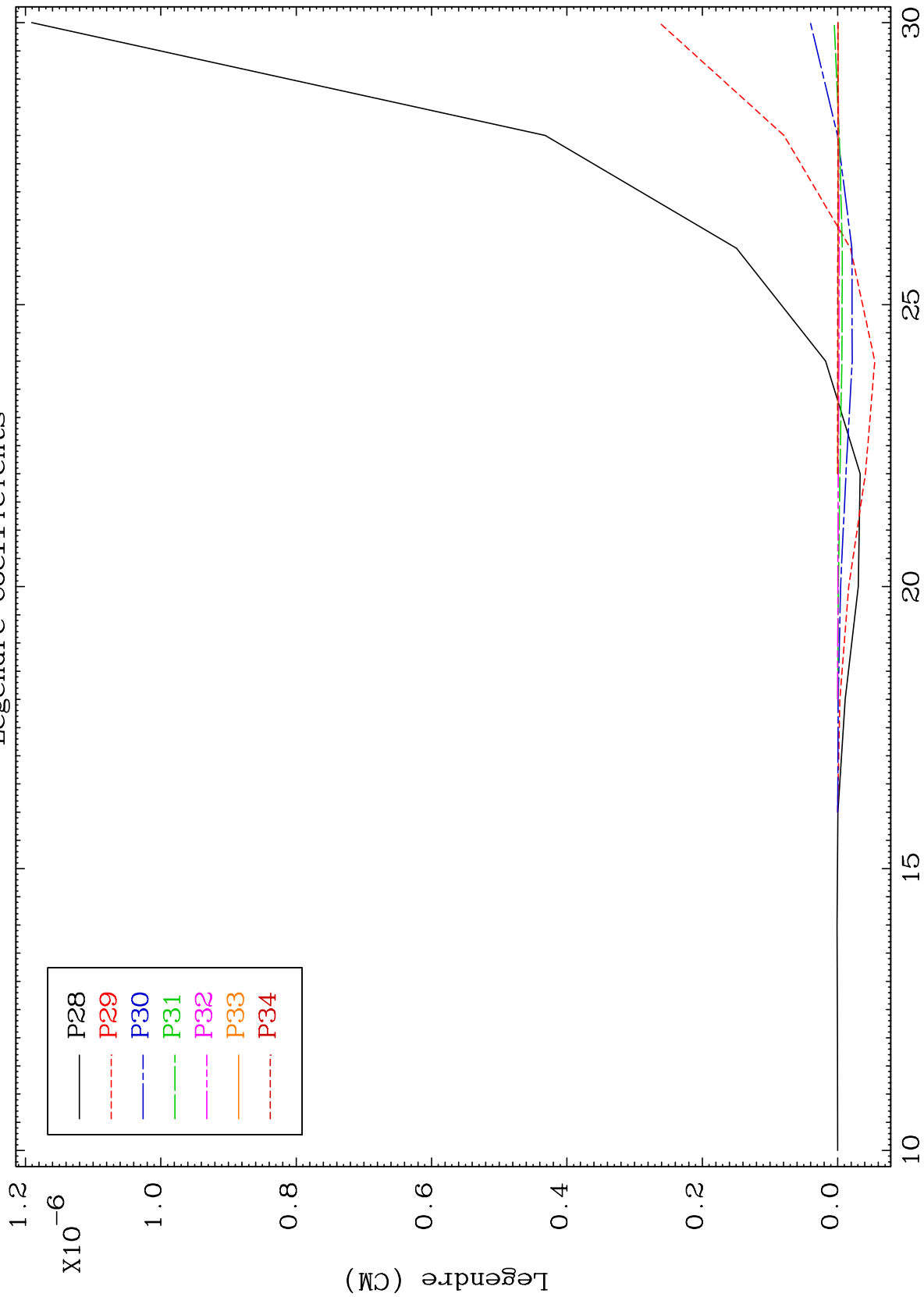
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61-Pm-137

MAT 6119

Elastic Legendre Coefficients

61-Pm-137



17

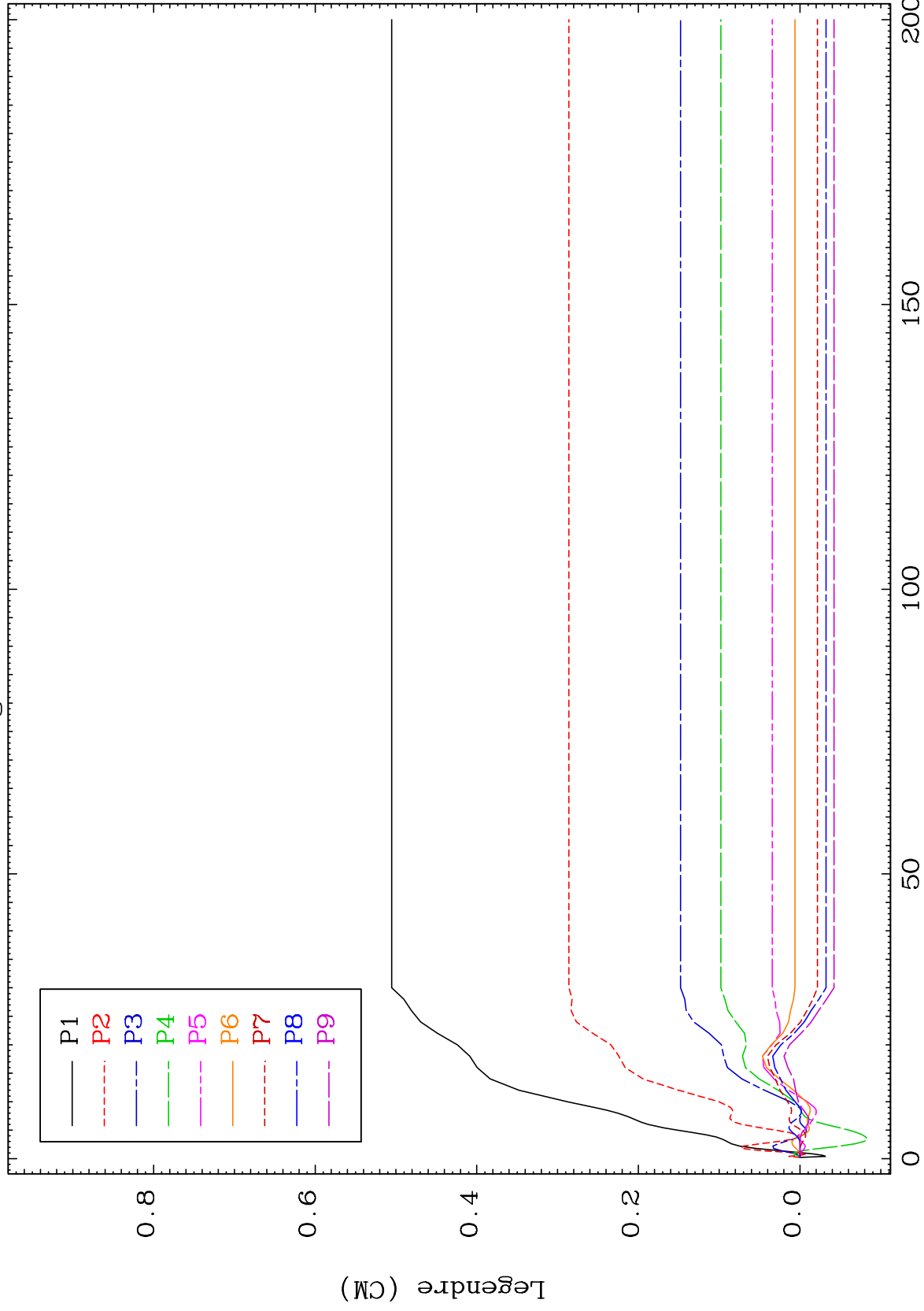
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

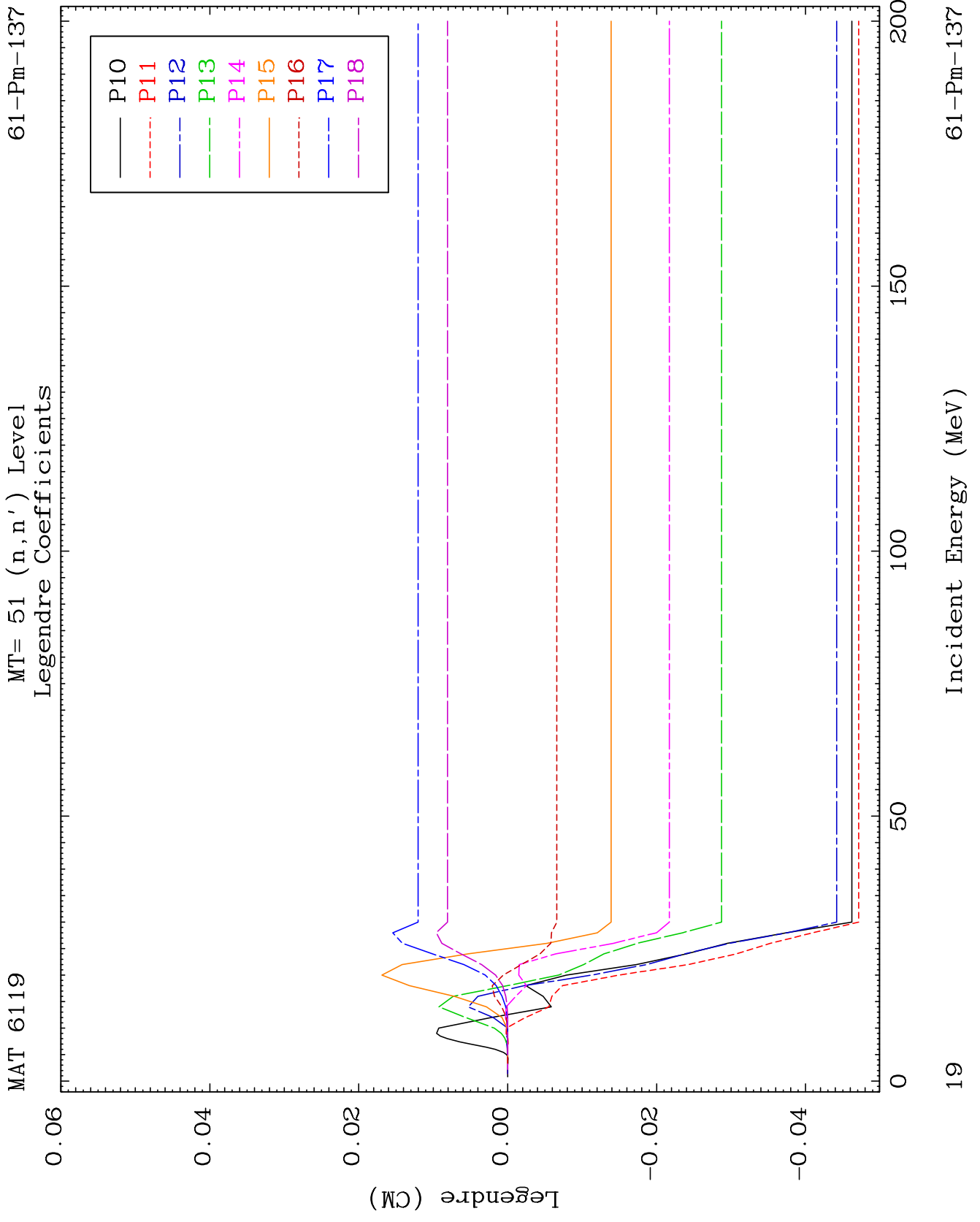
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18

Incident Energy (MeV)

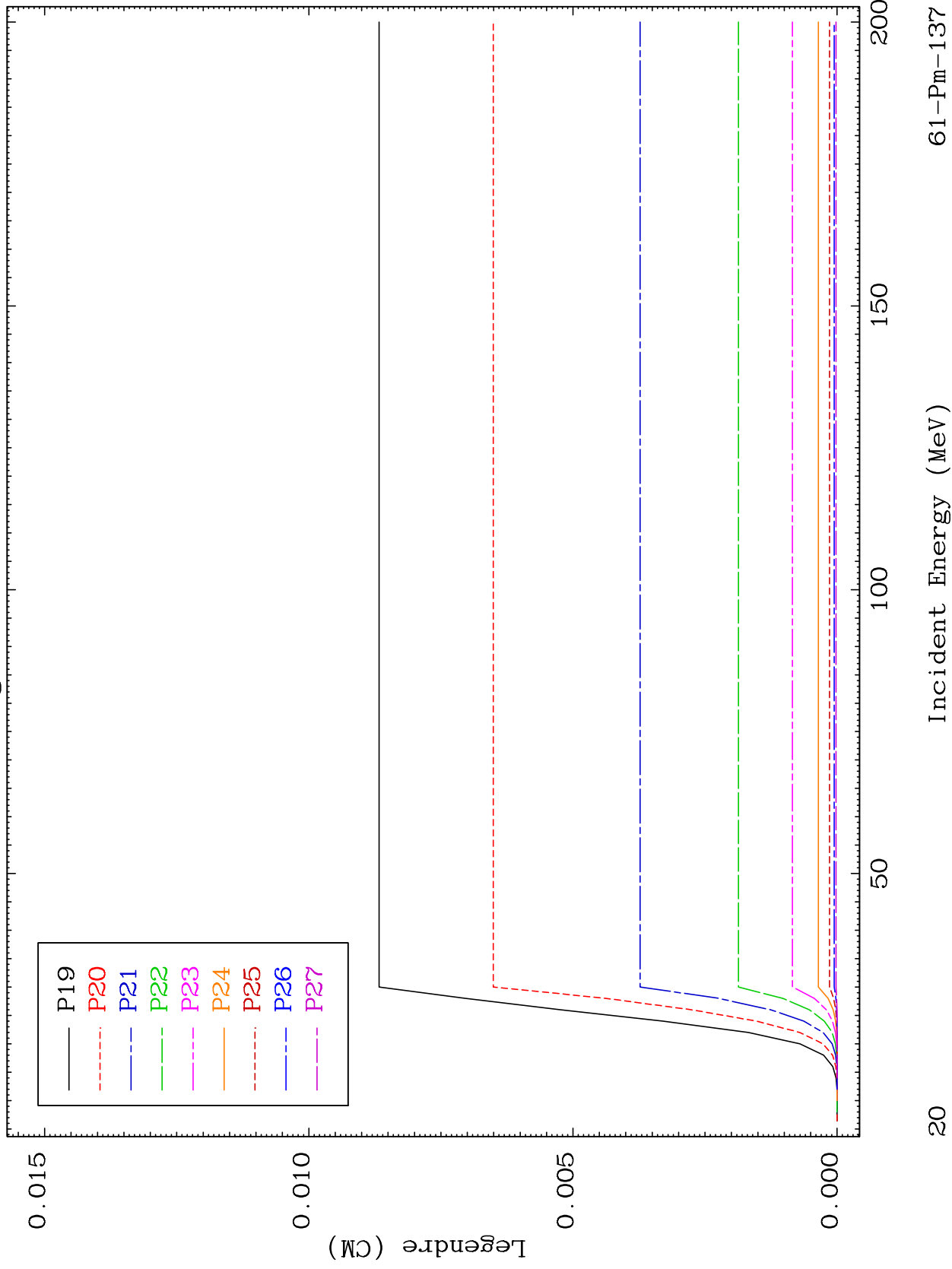
61-Pm-137



MAT 6119

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

61-Pm-137



61-Pm-137

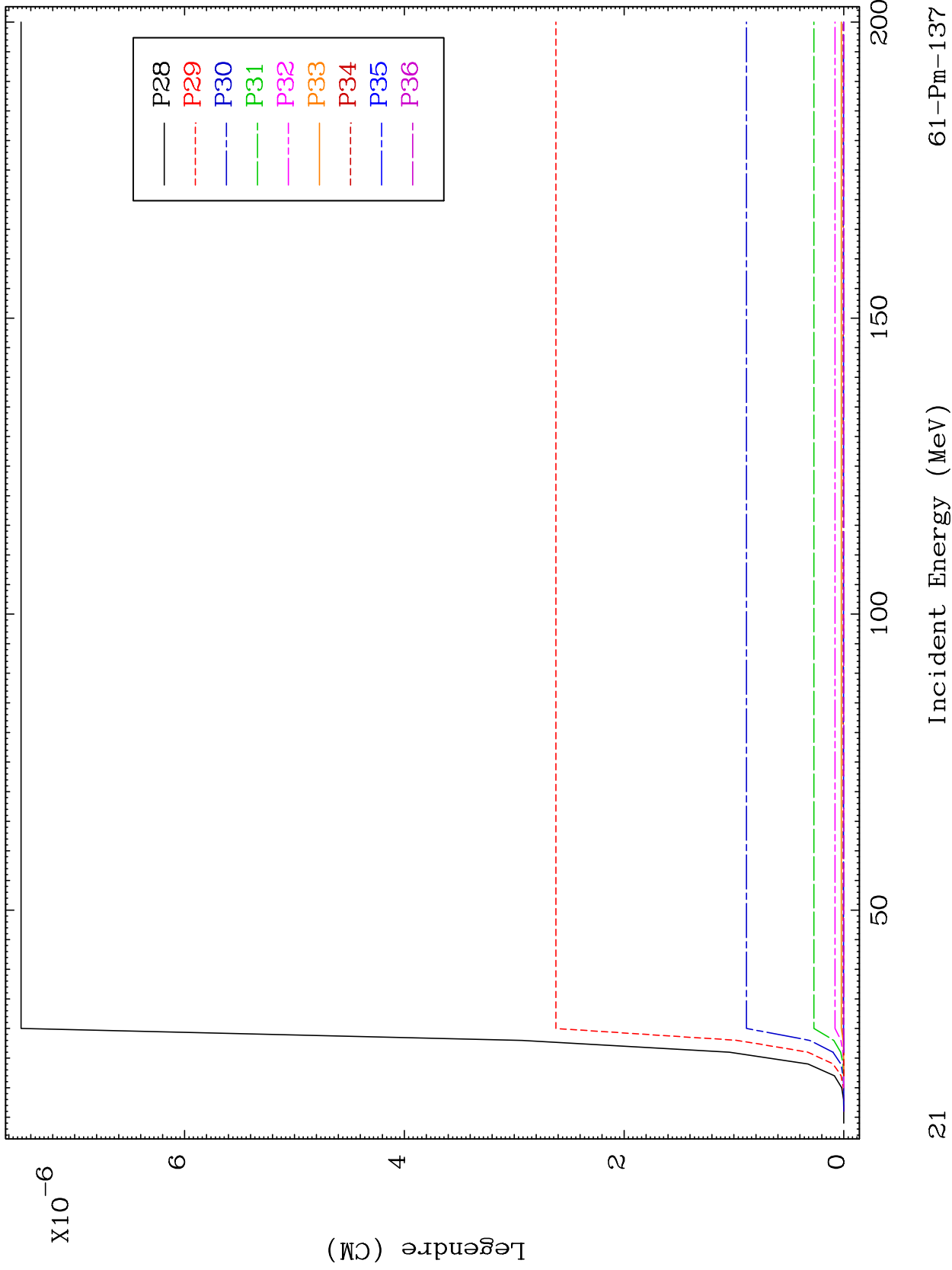
Incident Energy (MeV)

20

MAT 6119

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

61-Pm-137



21

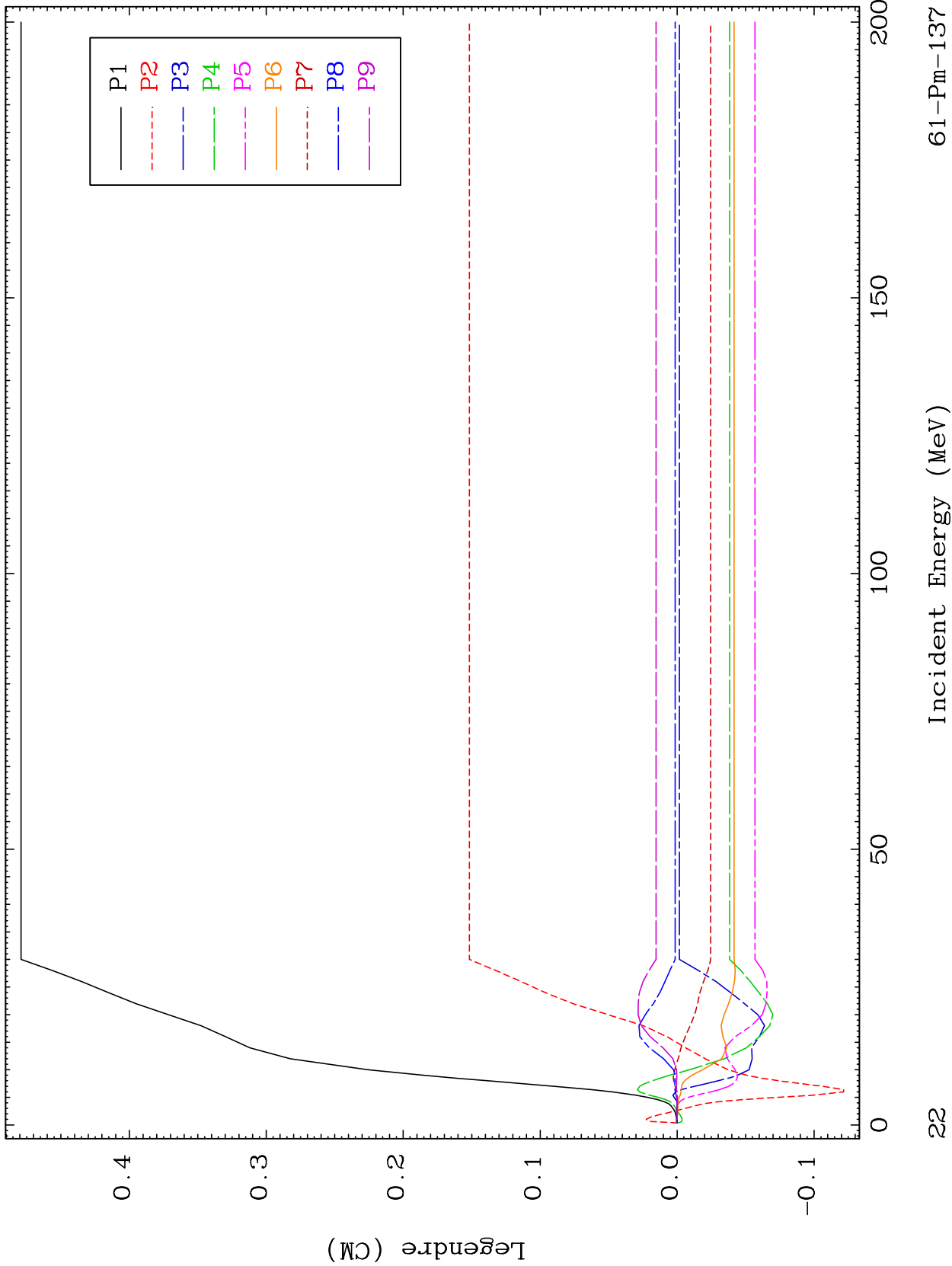
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



61-Pm-137

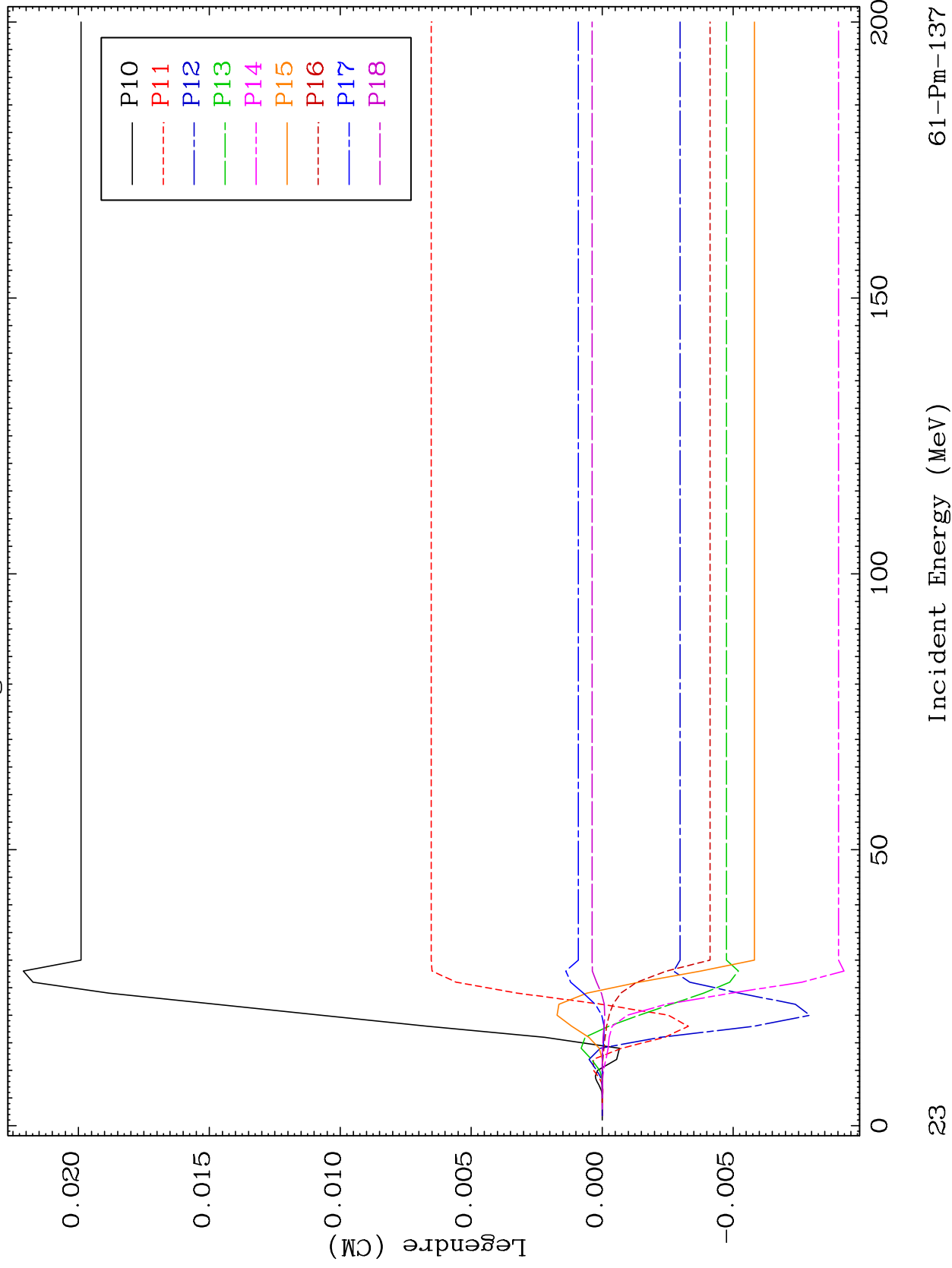
Incident Energy (MeV)

22

MAT 6119

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

61-Pm-137



23

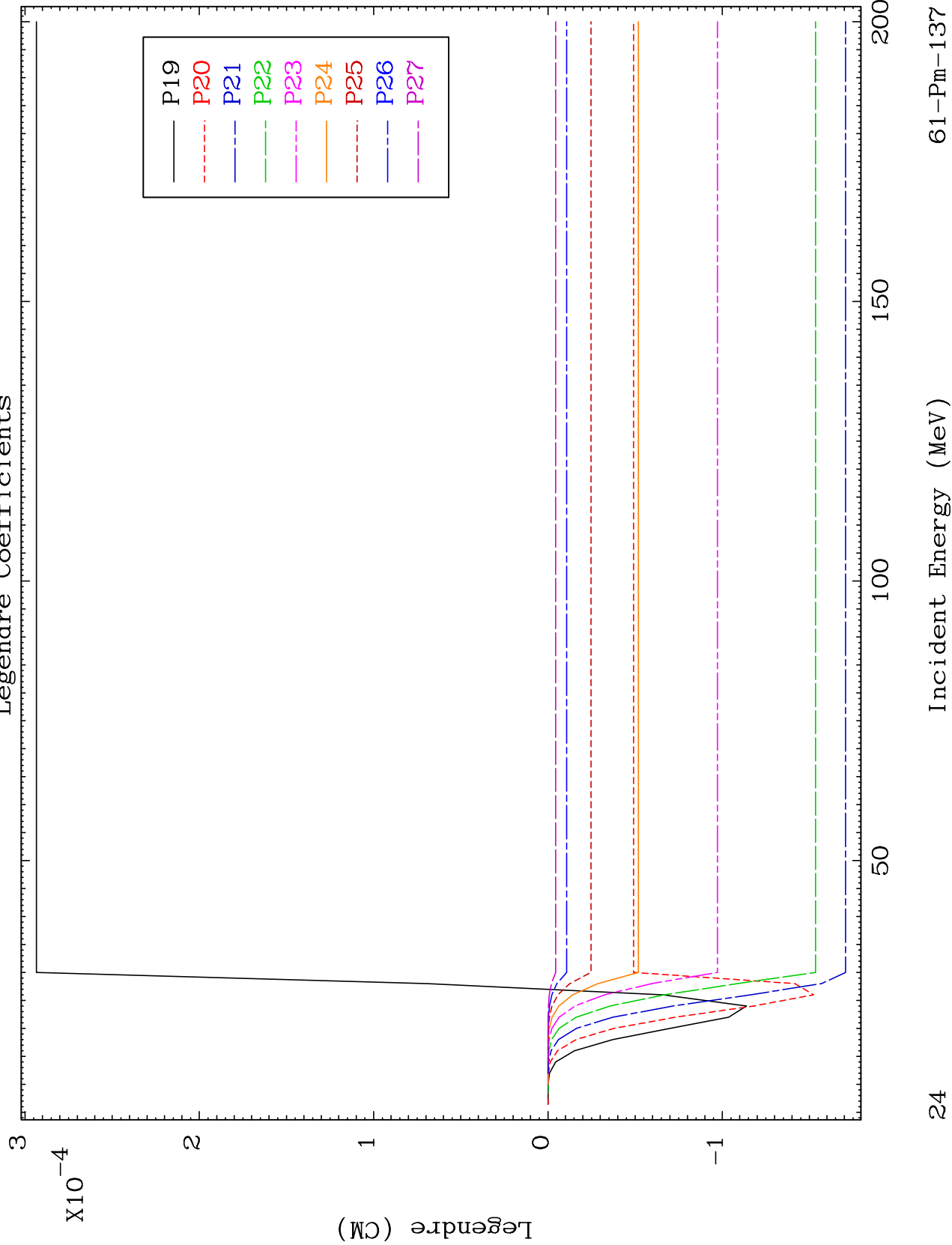
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

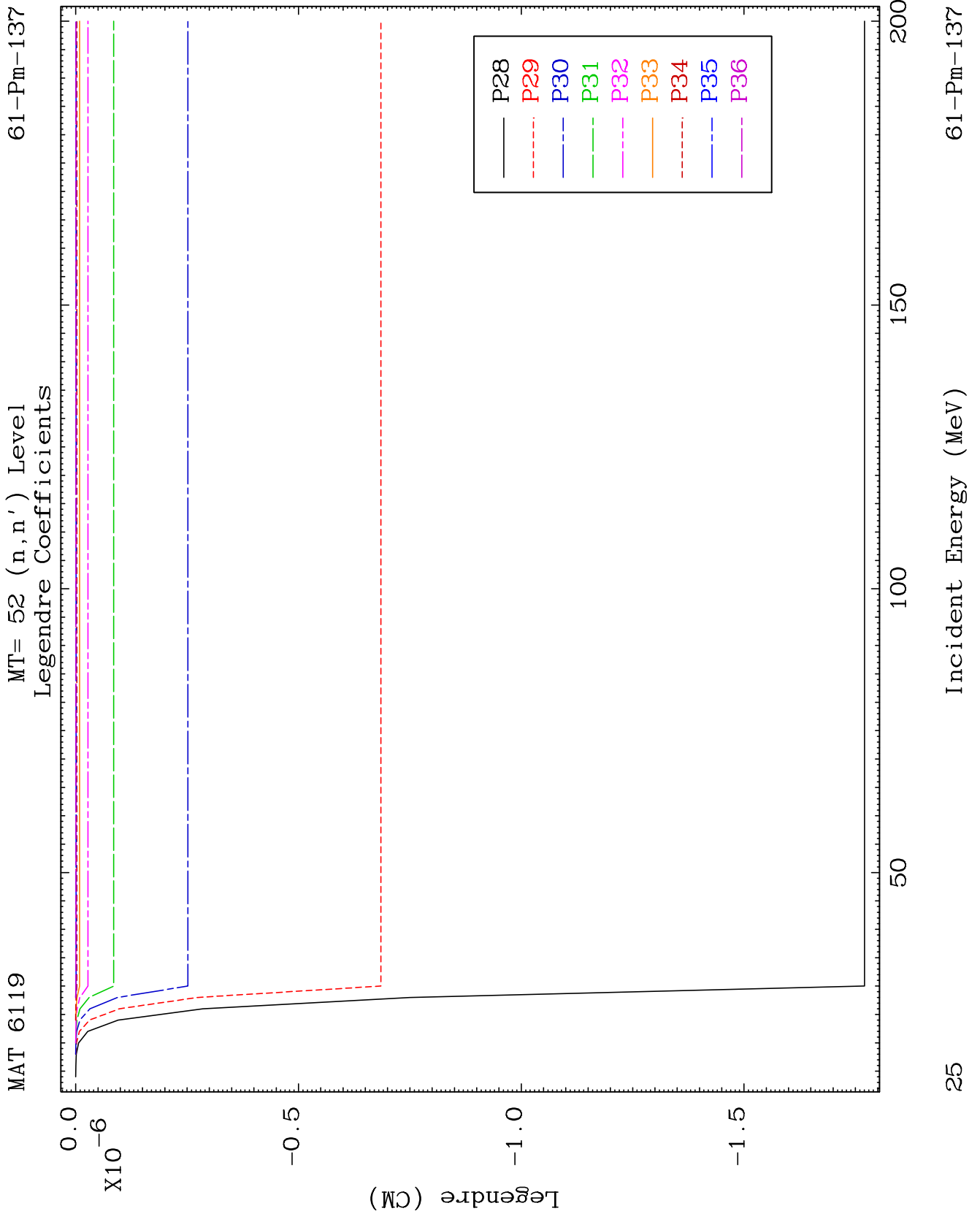
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24

Incident Energy (MeV)

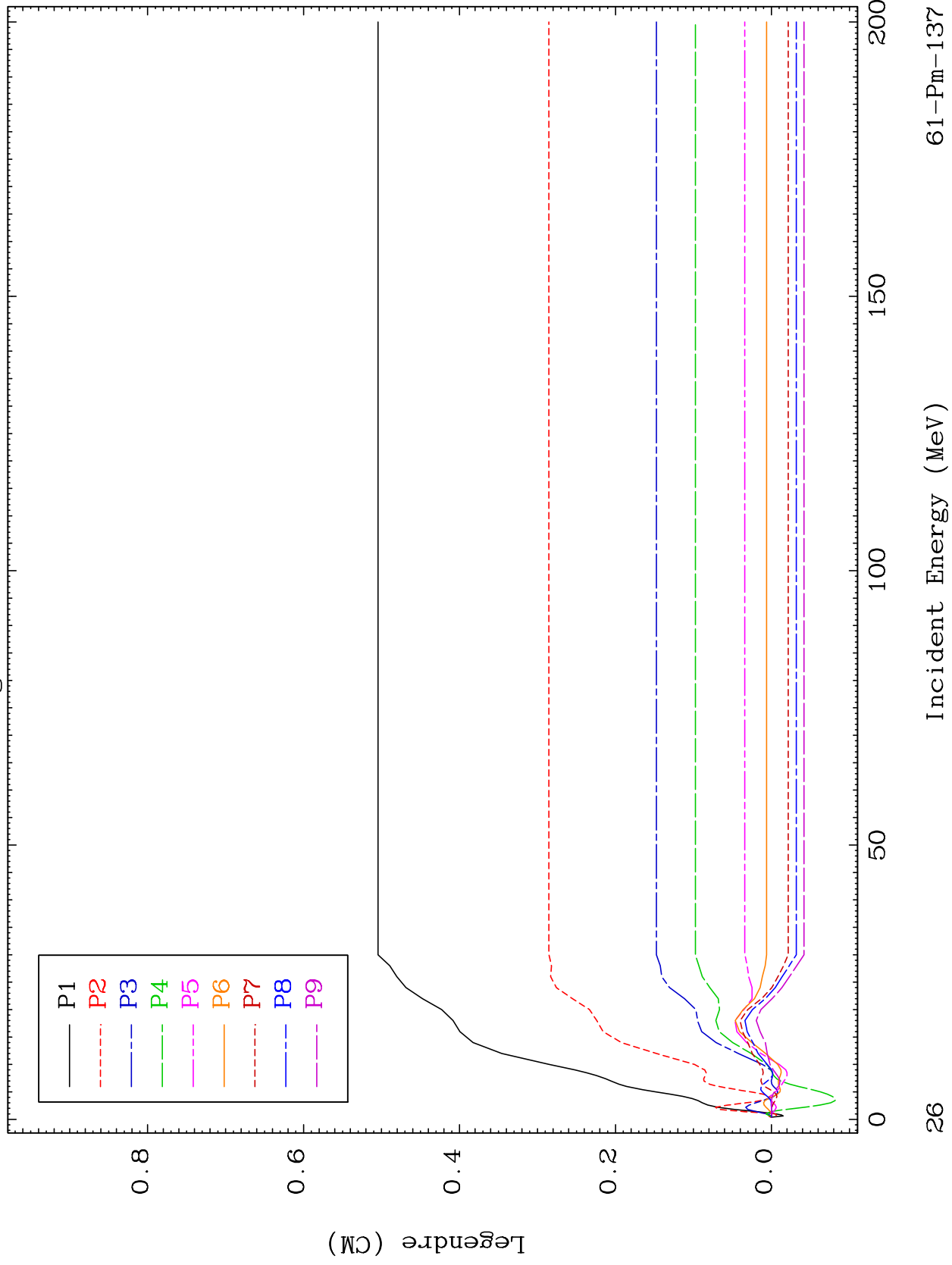
61-Pm-137



MAT 6119

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

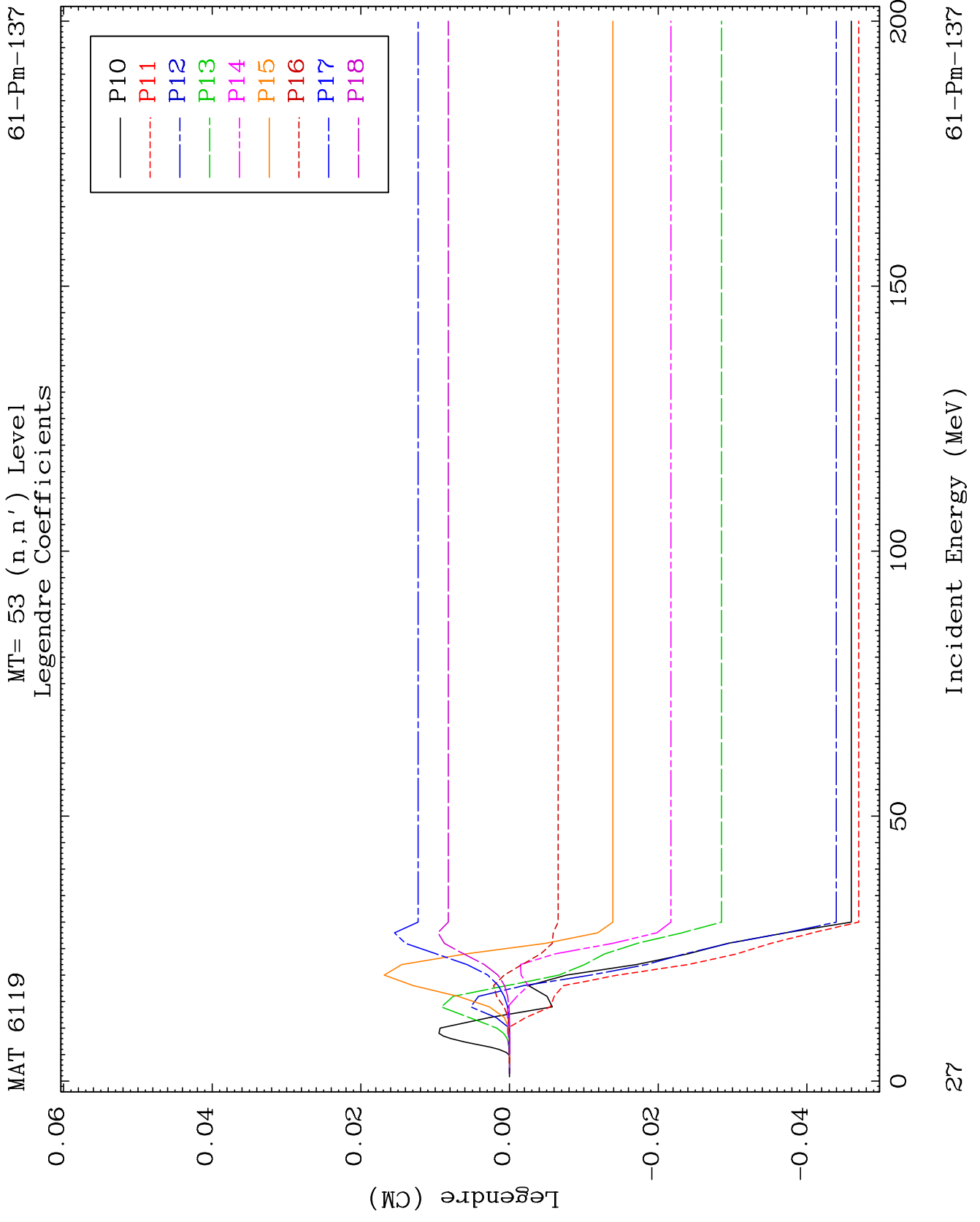
61-Pm-137



61-Pm-137

Incident Energy (MeV)

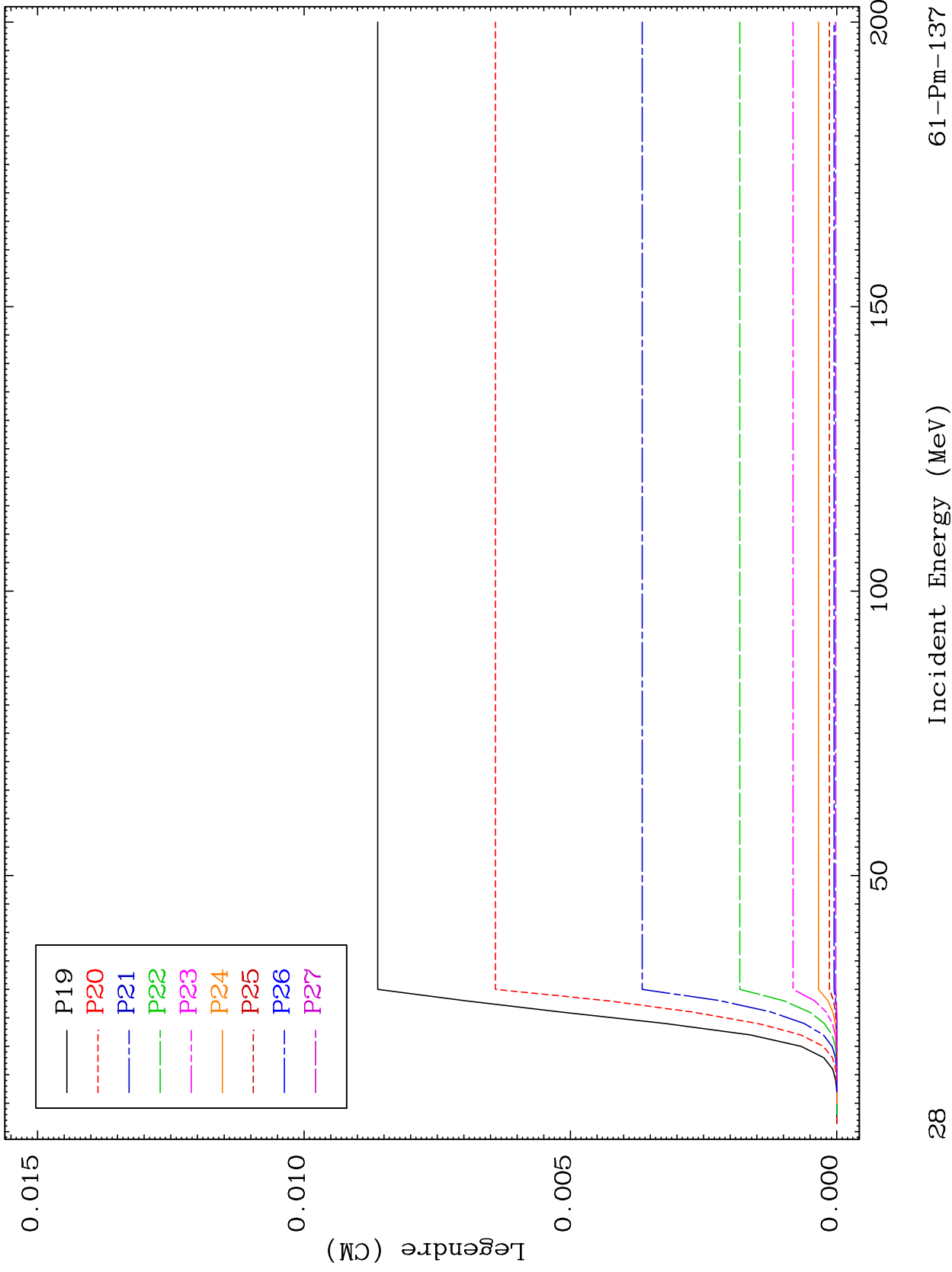
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MAT 6119

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

61-Pm-137



28

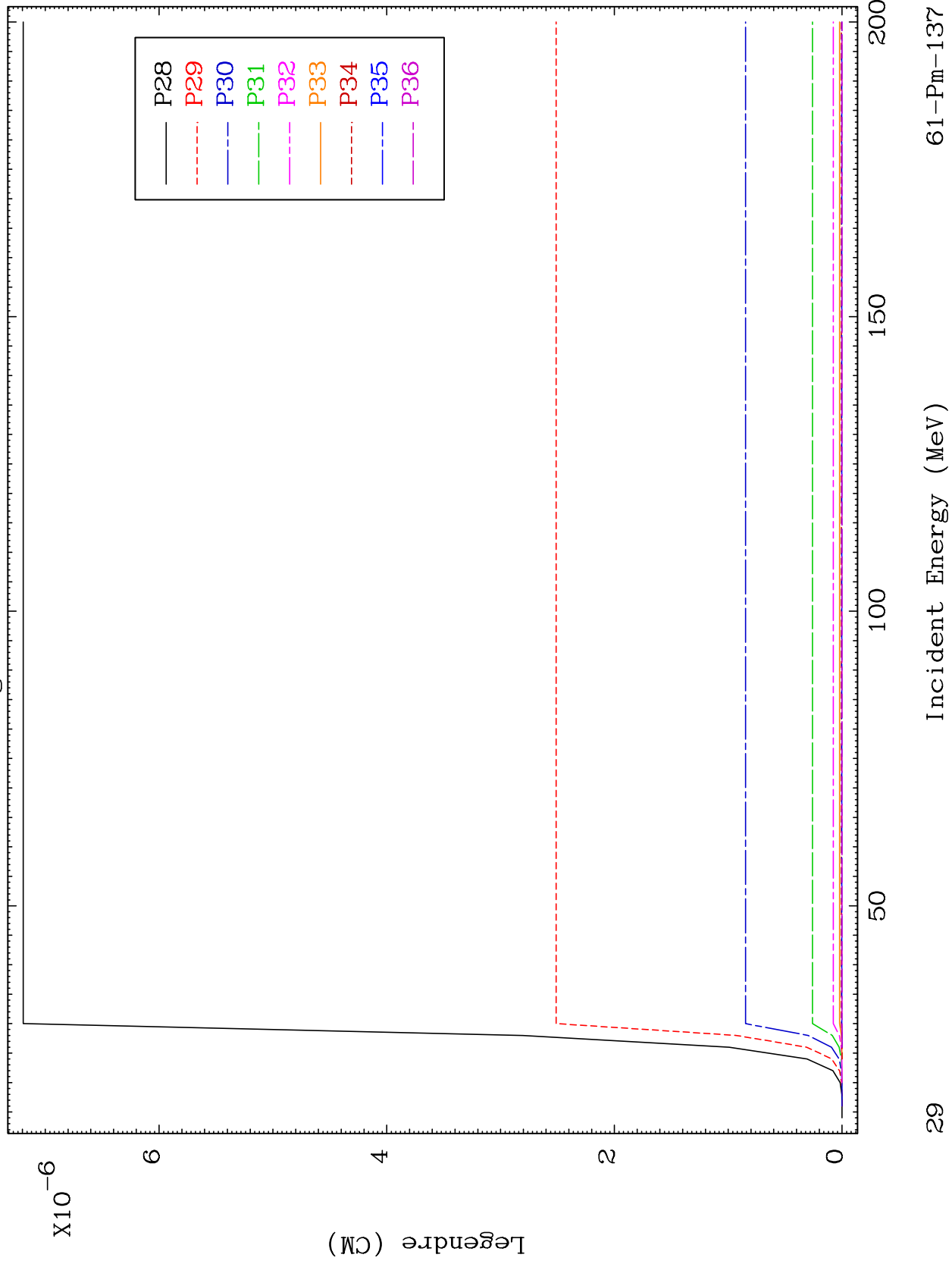
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



29

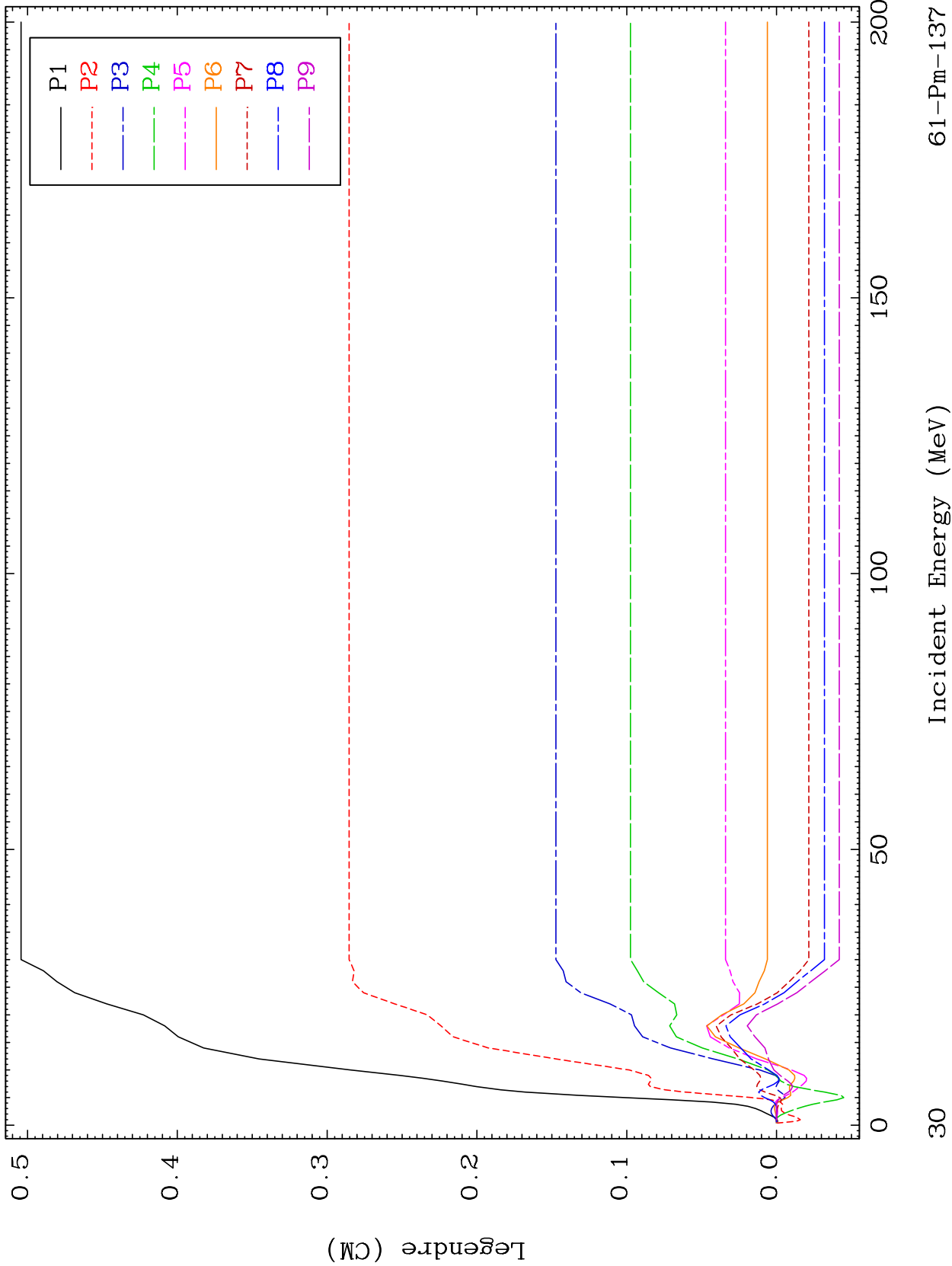
Incident Energy (MeV)

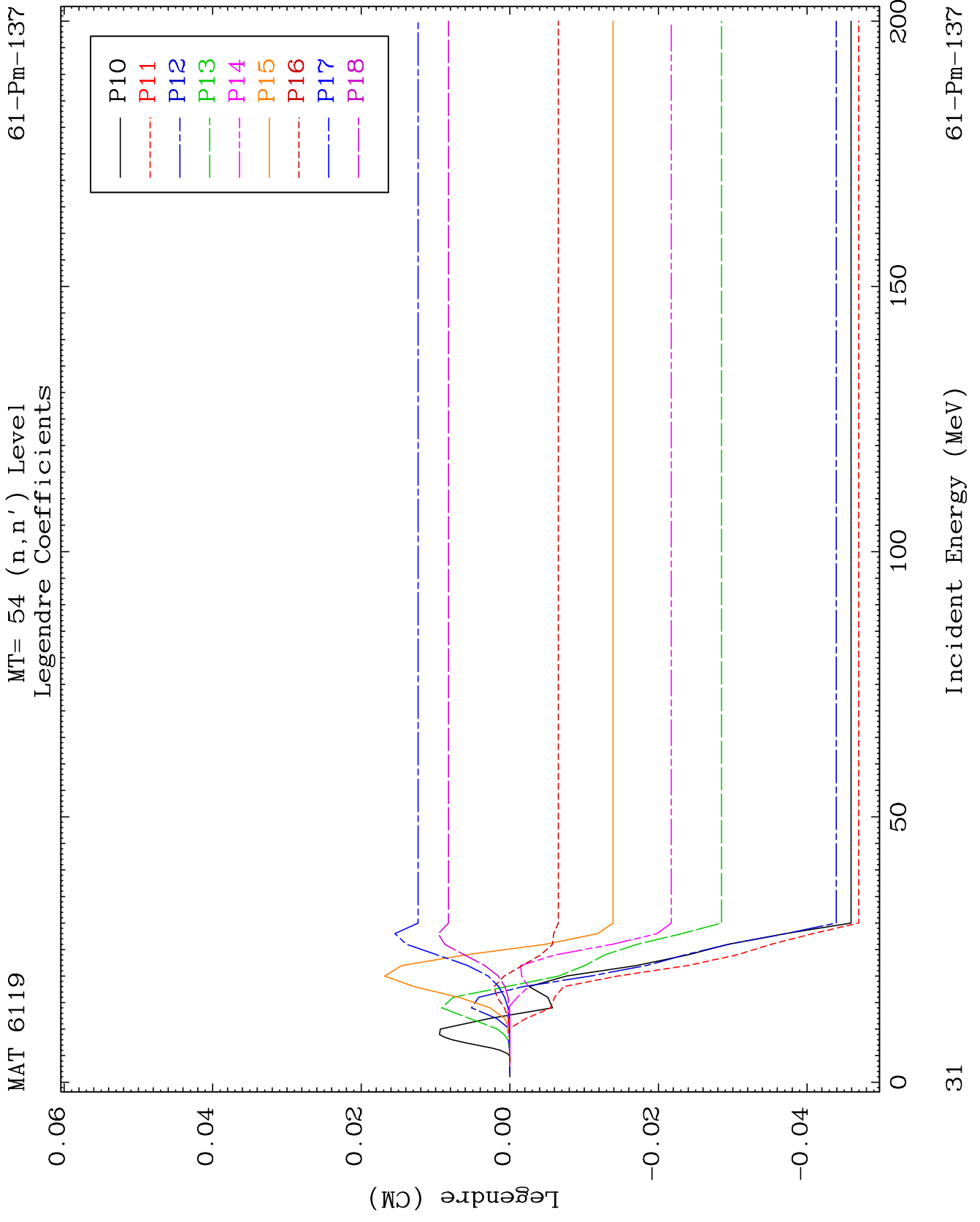
61-Pm-137

MAT 6119

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

61-Pm-137

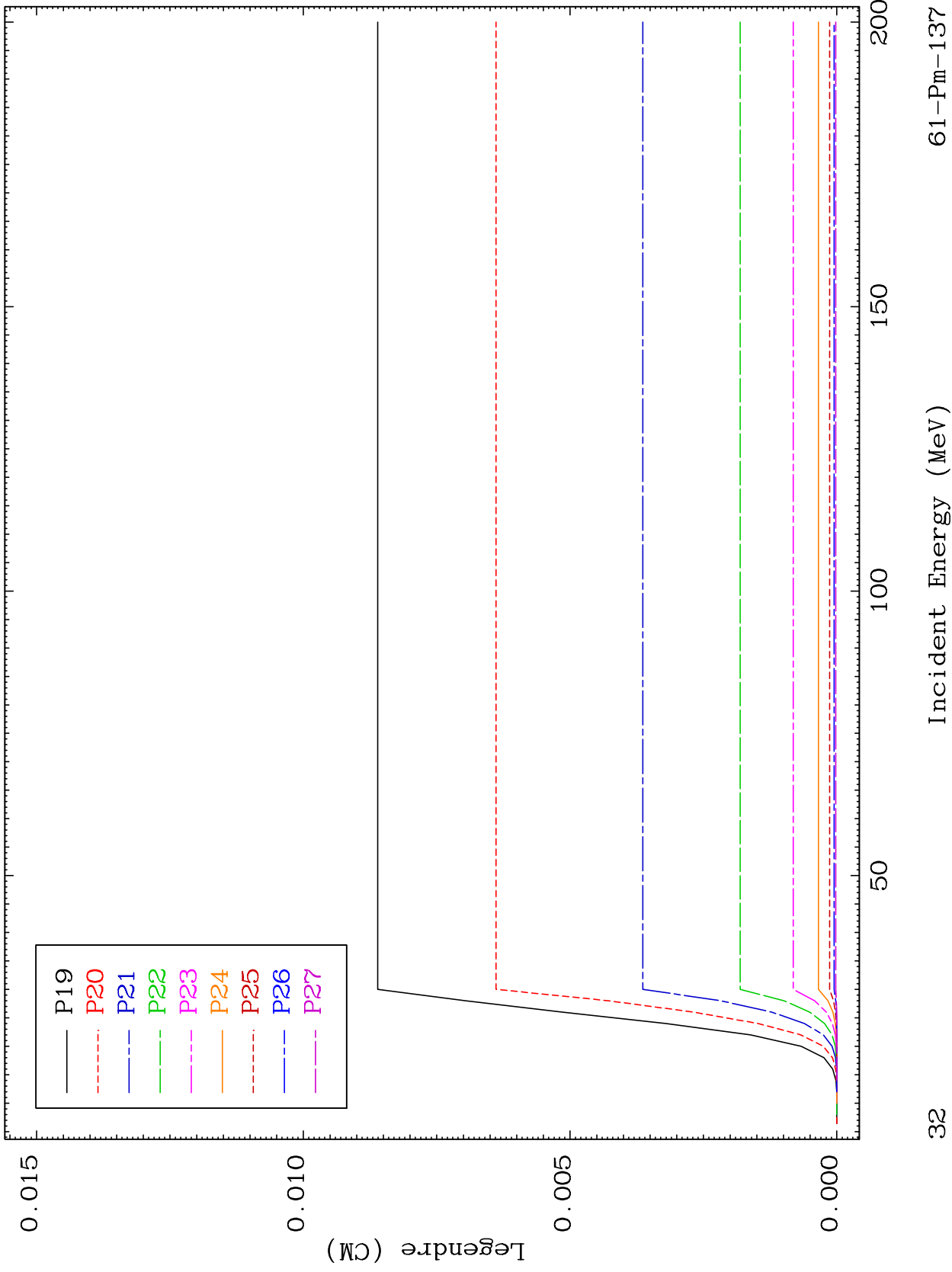




MAT 6119

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

61-Pm-137

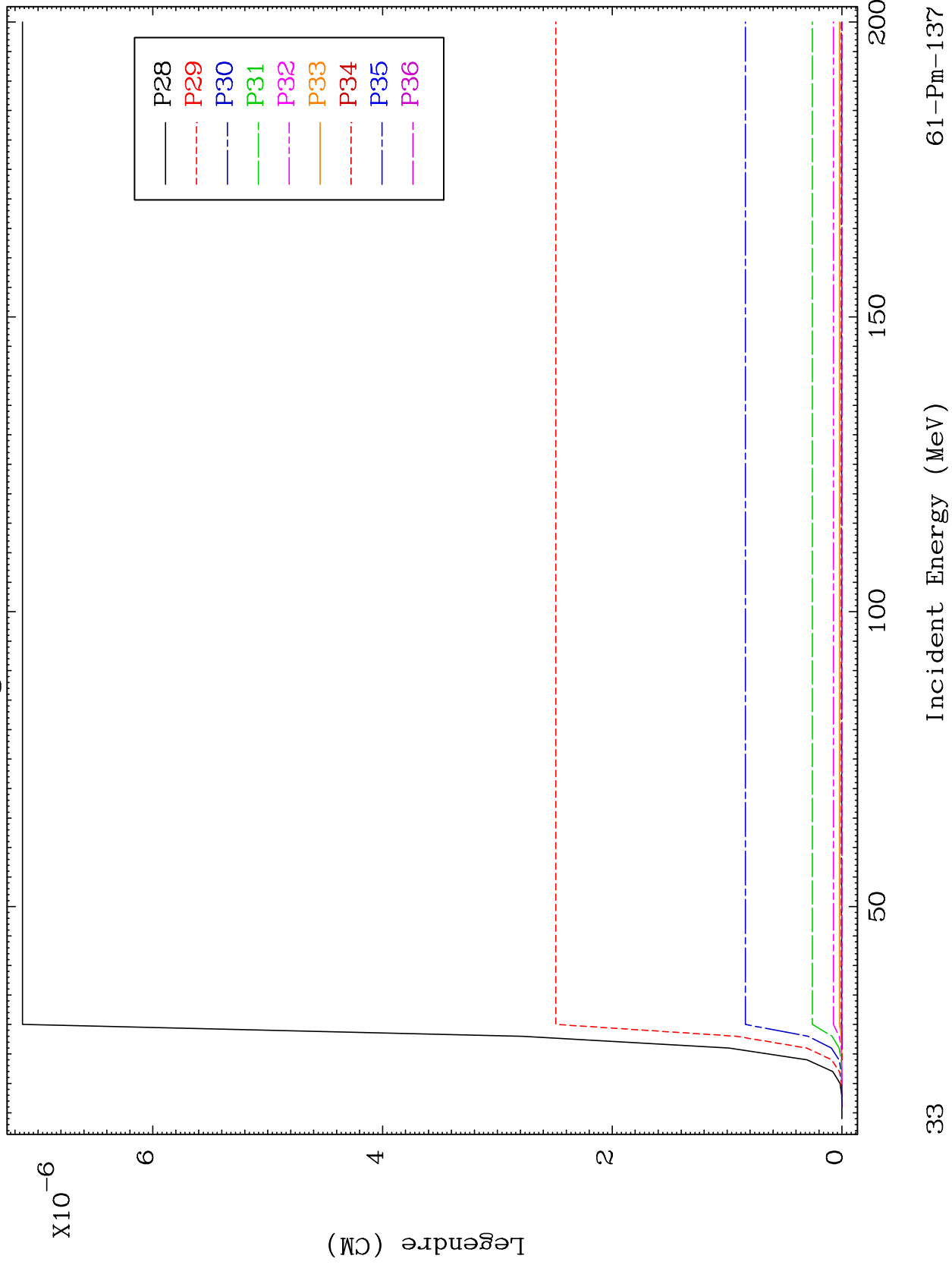


32

MAT 6119

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

61-Pm-137



33

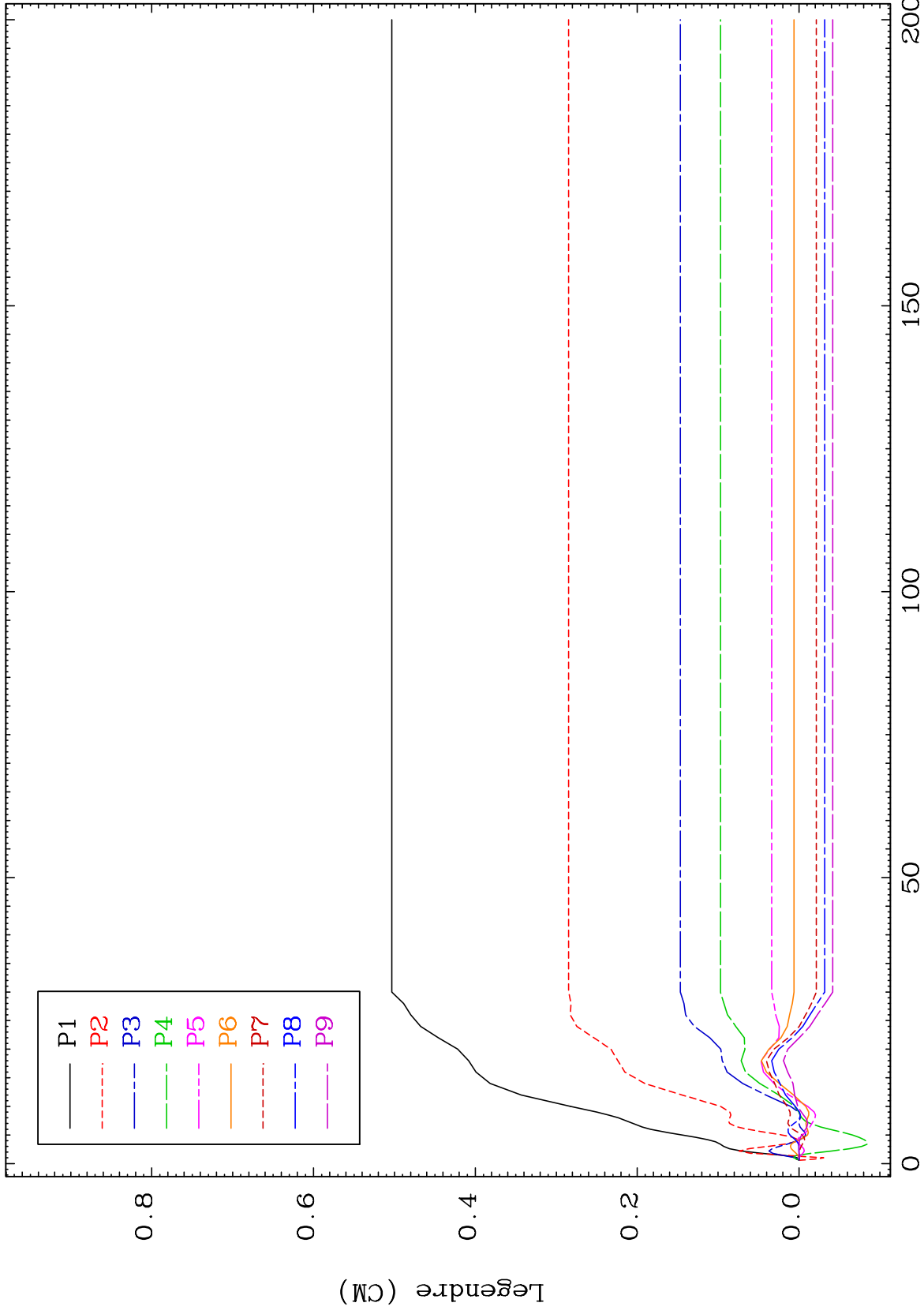
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

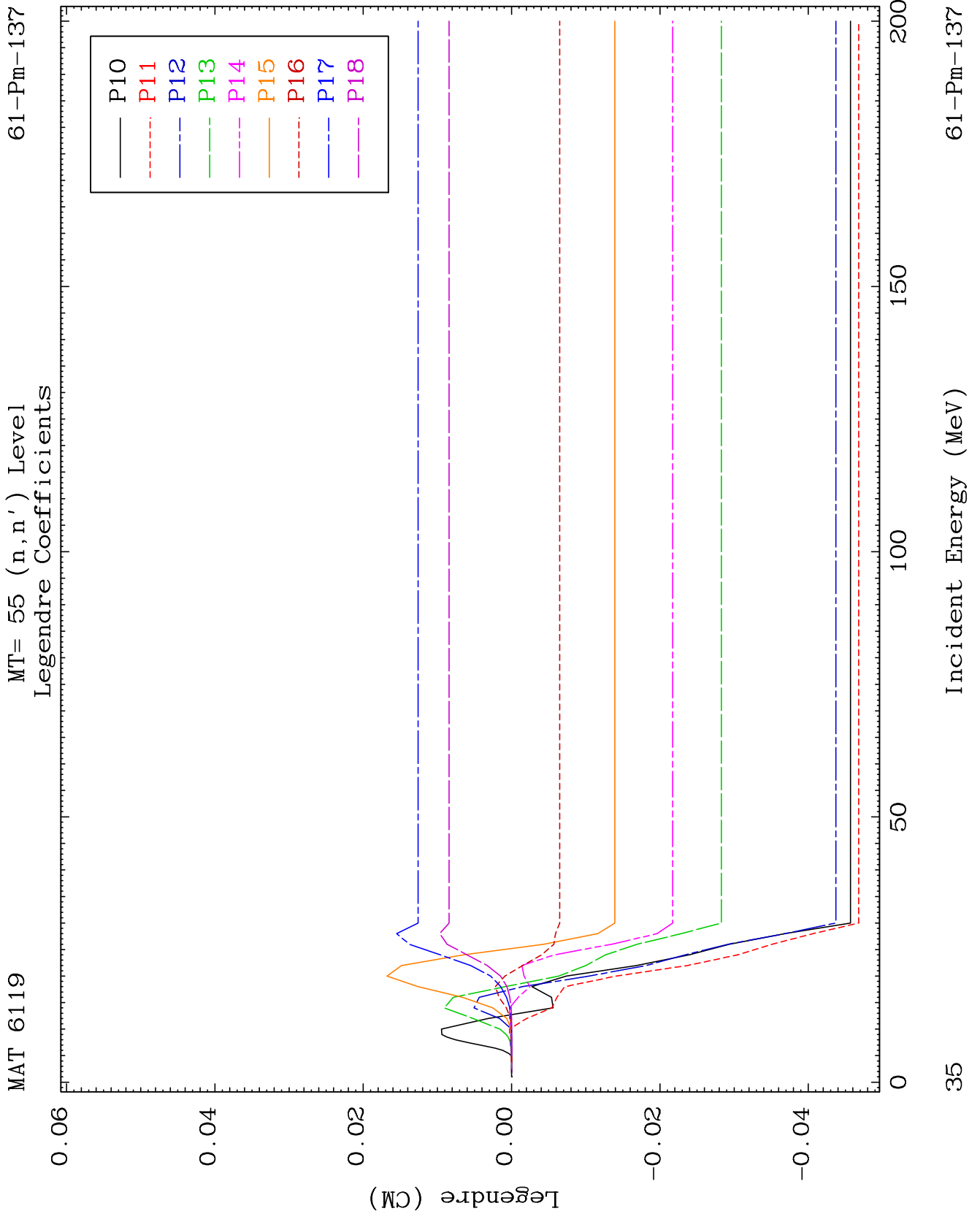
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34

Incident Energy (MeV)

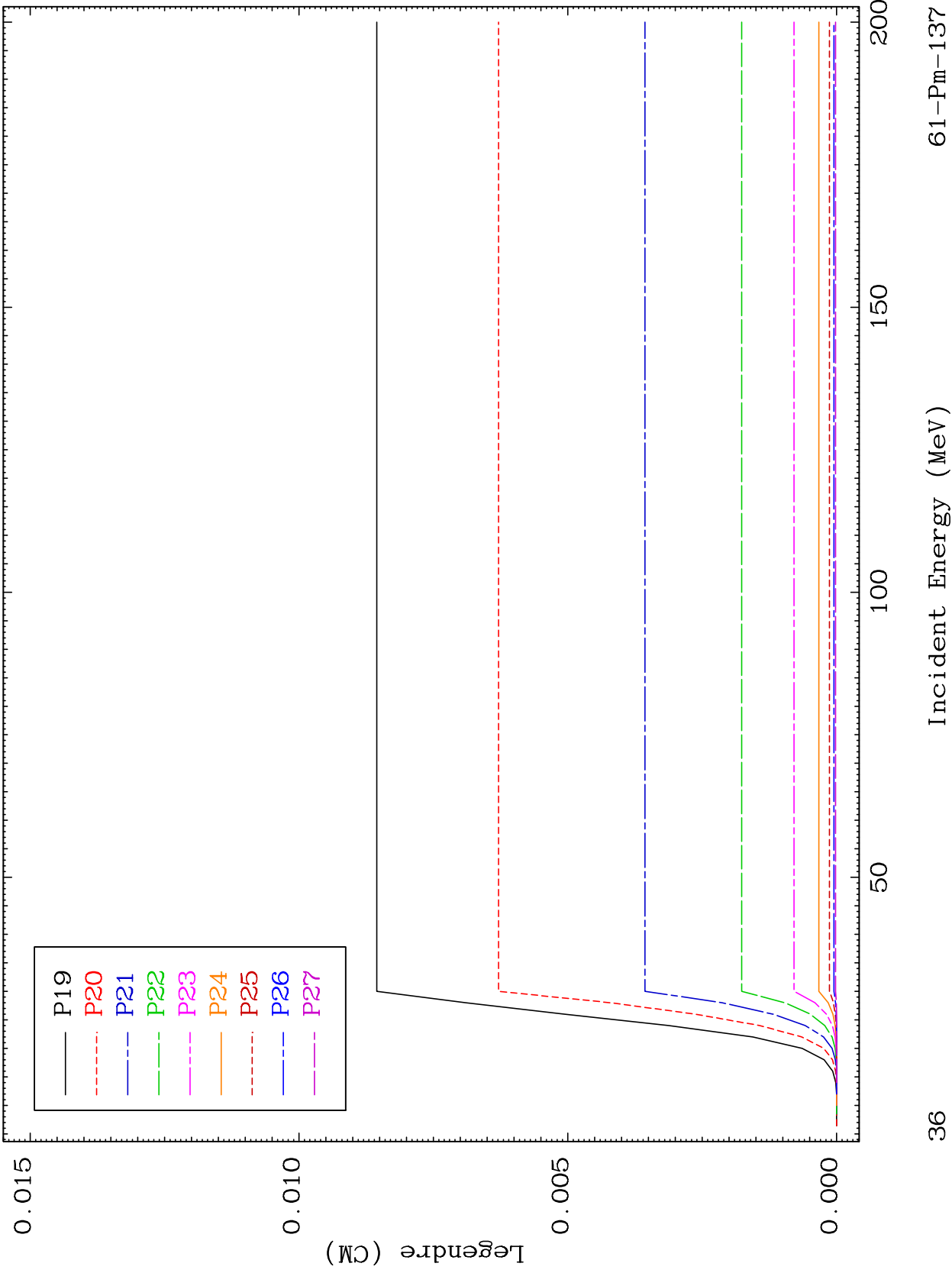
61-Pm-137



61-Pm-137

Incident Energy (MeV)

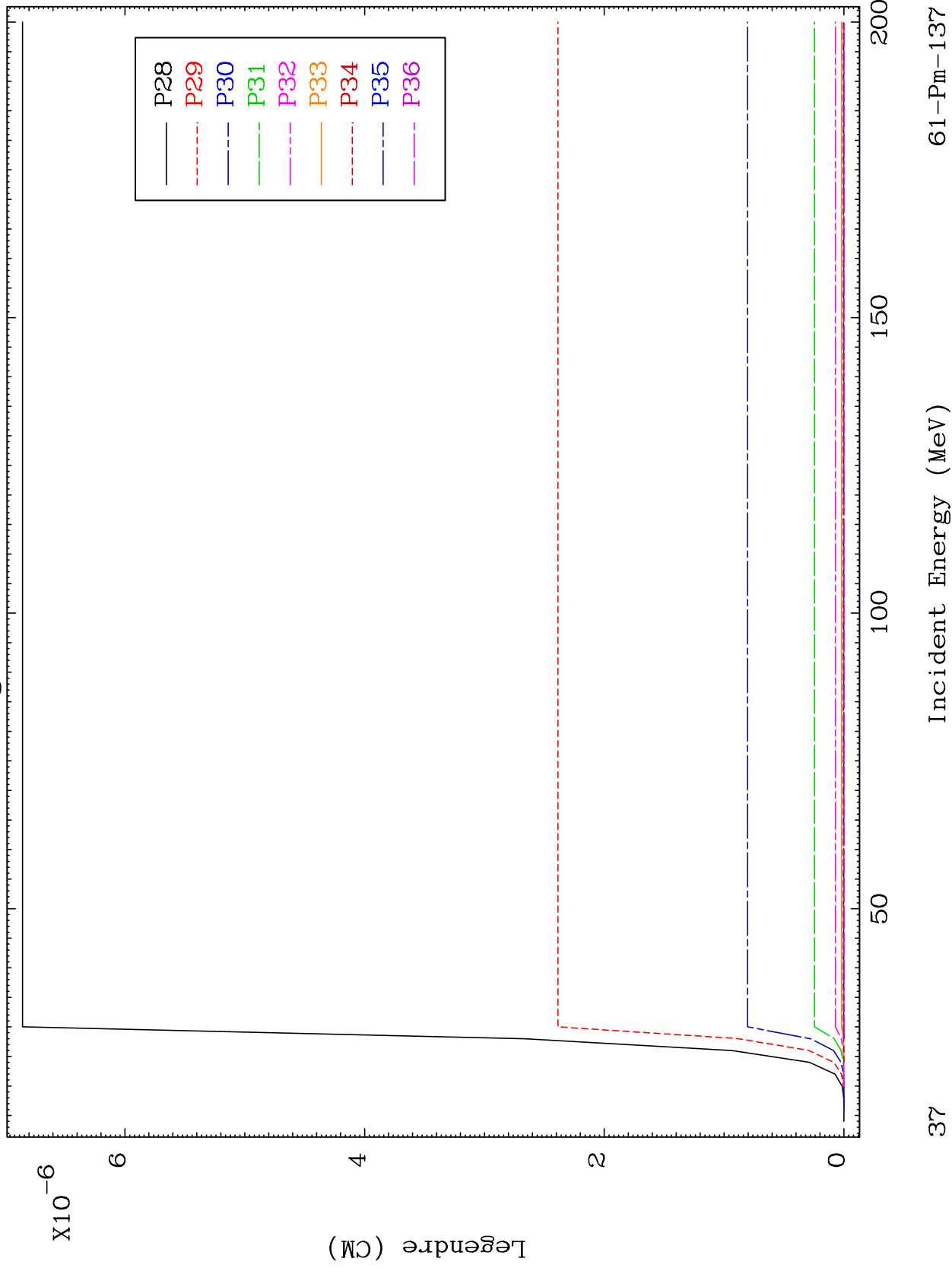
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MAT 6119

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

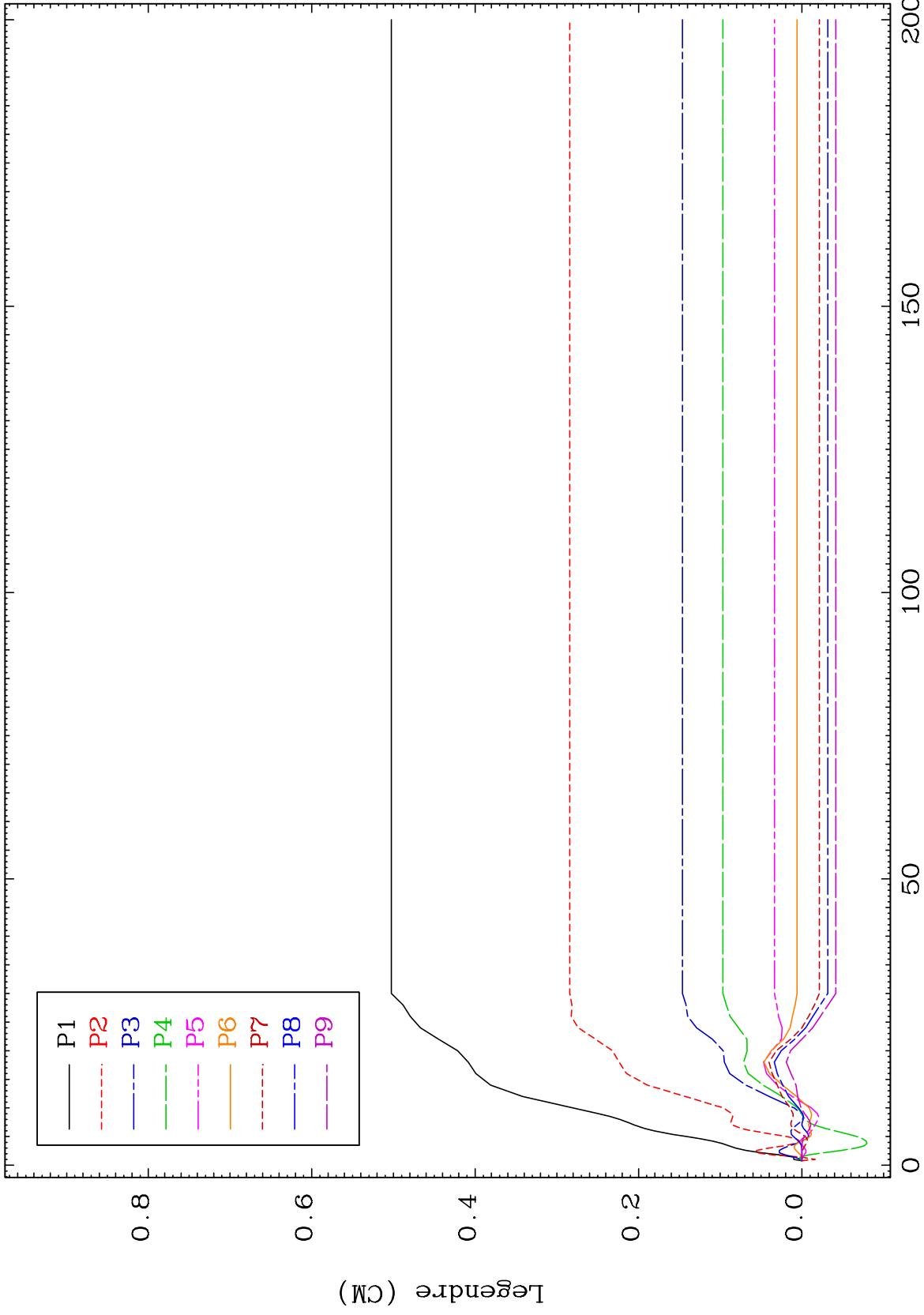
61-Pm-137



MAT 6119

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

61-Pm-137



38

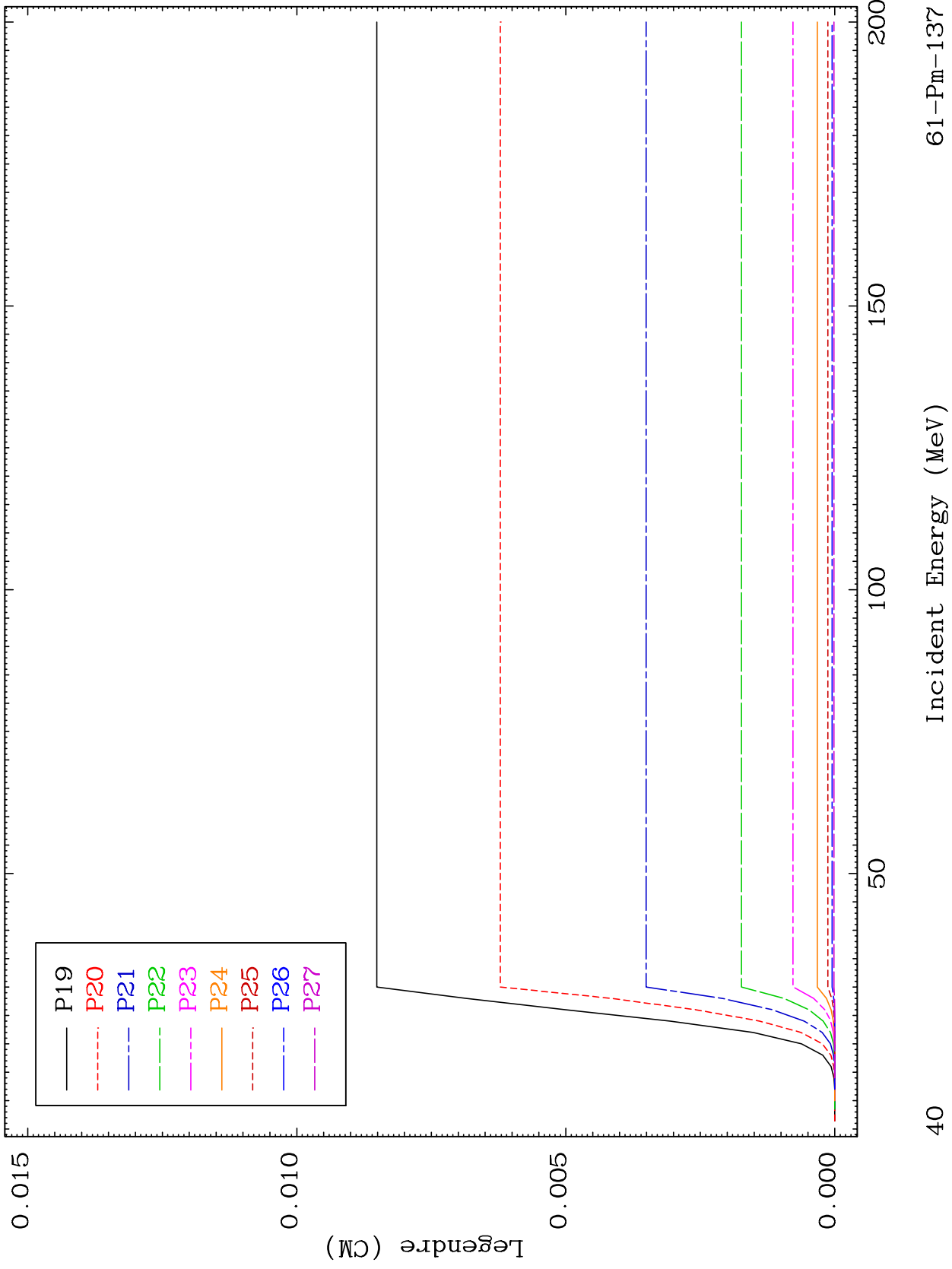
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



61-Pm-137

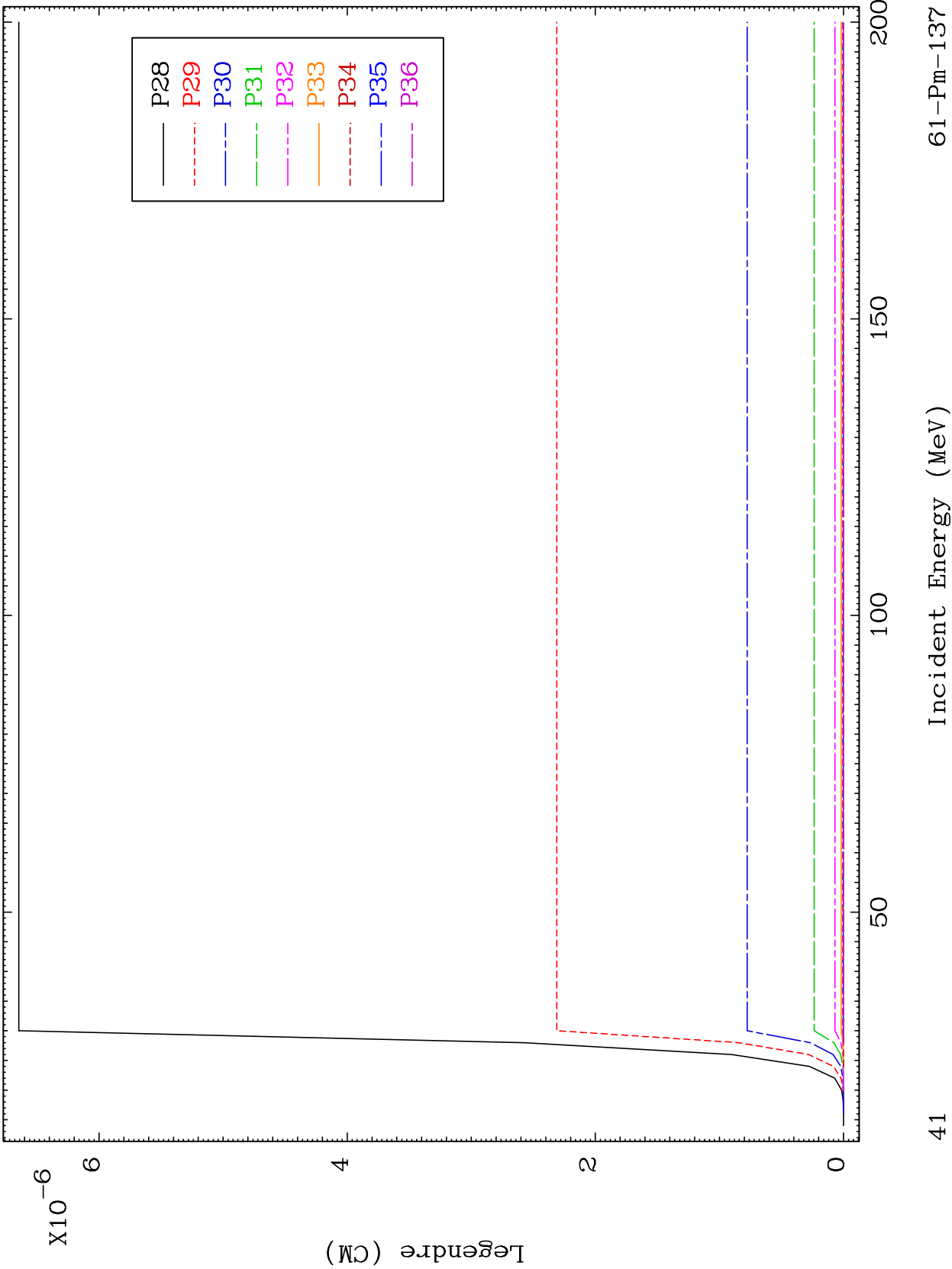
Incident Energy (MeV)

40

MAT 6119

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

61-Pm-137



41

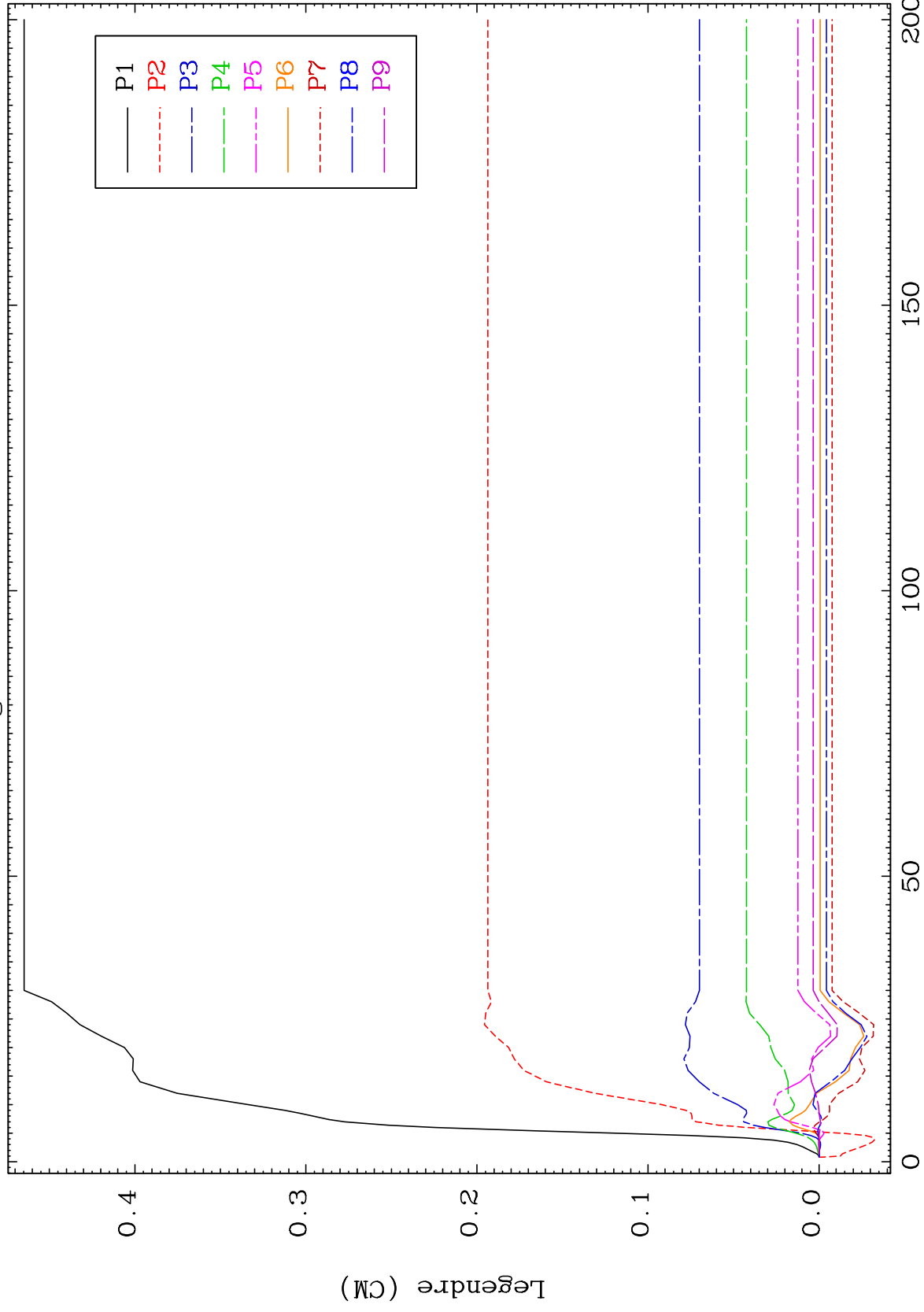
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



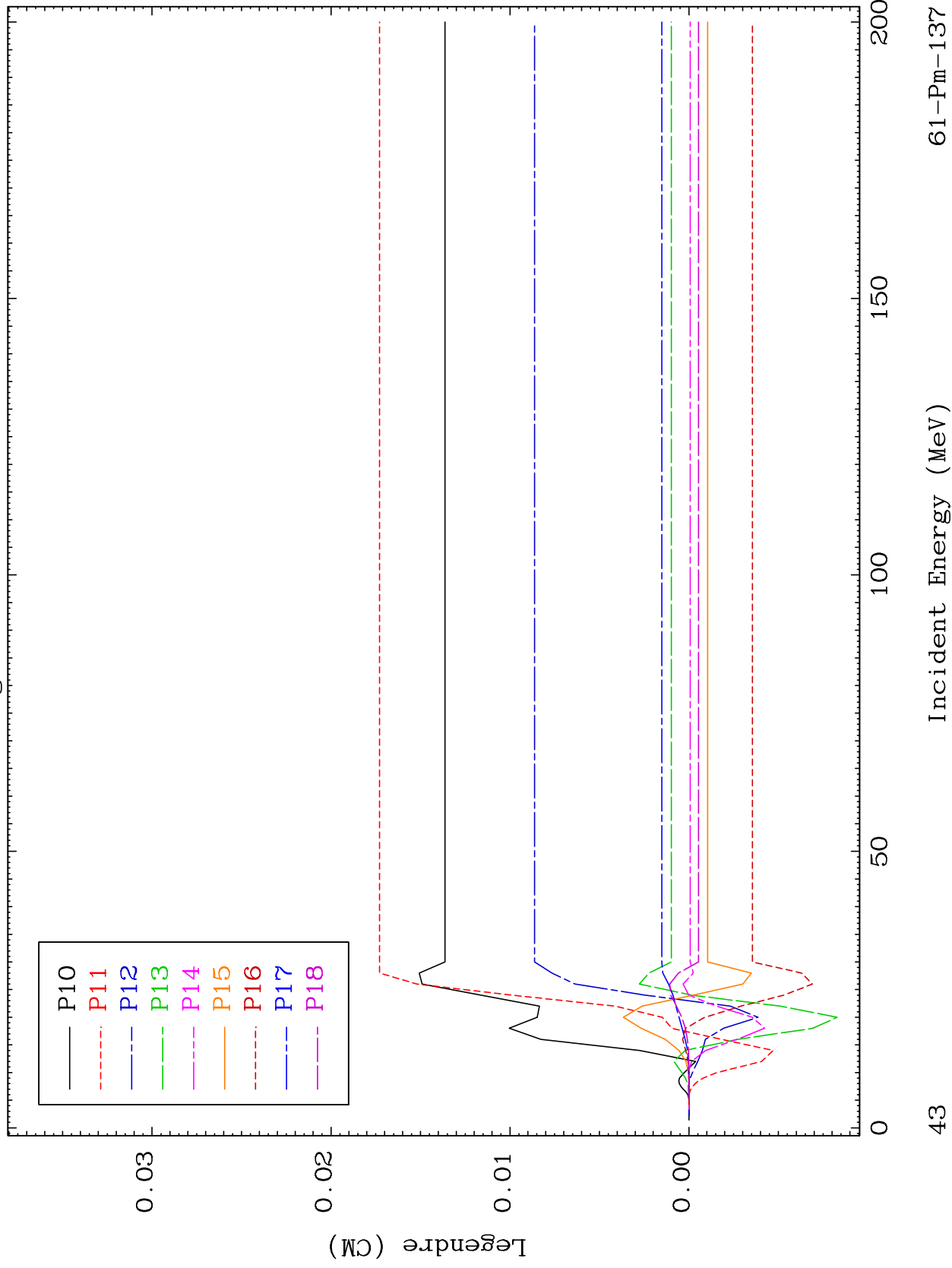
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61-Pm-137

MAT 6119

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

61-Pm-137



43

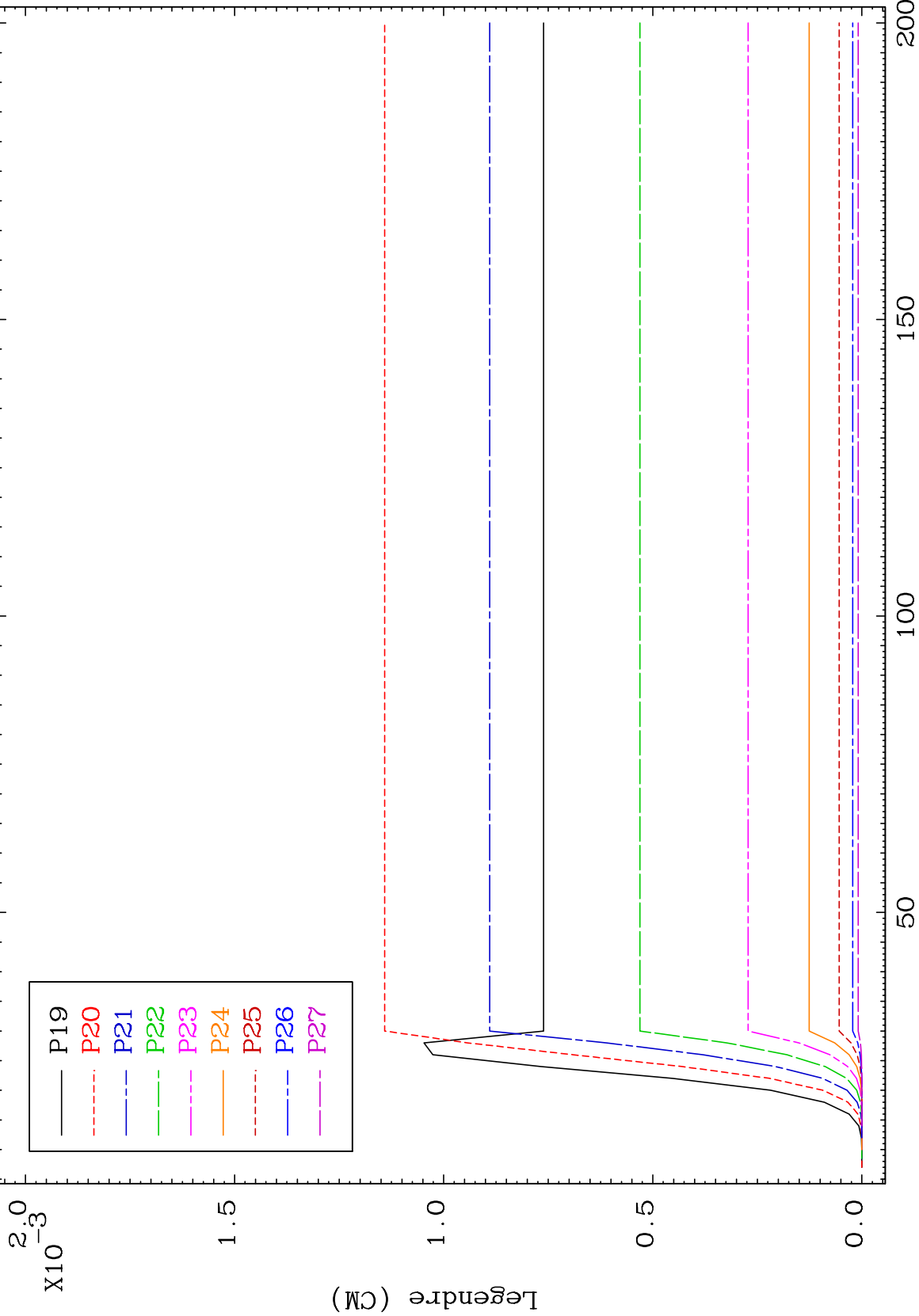
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

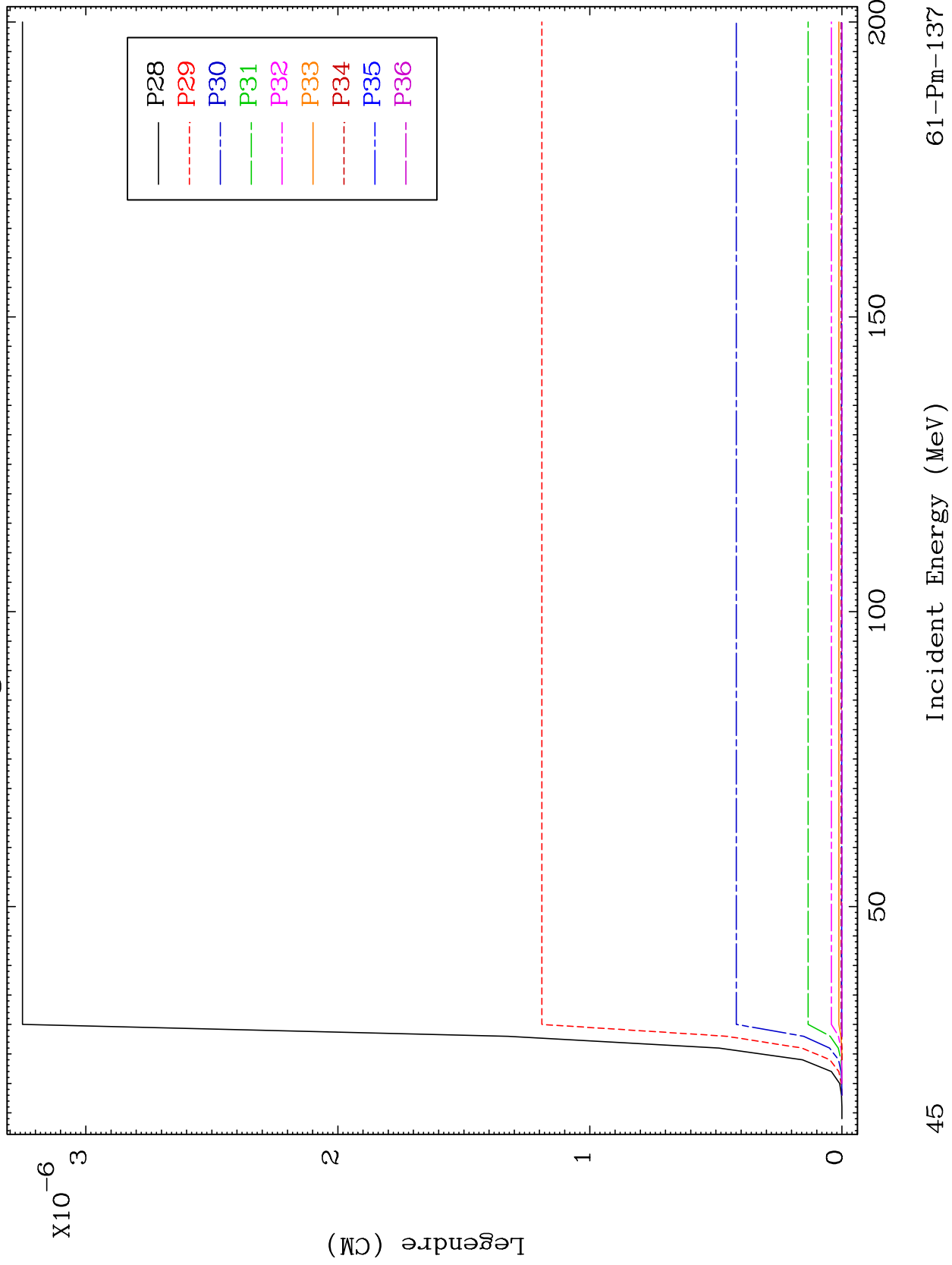
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MAT 6119

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

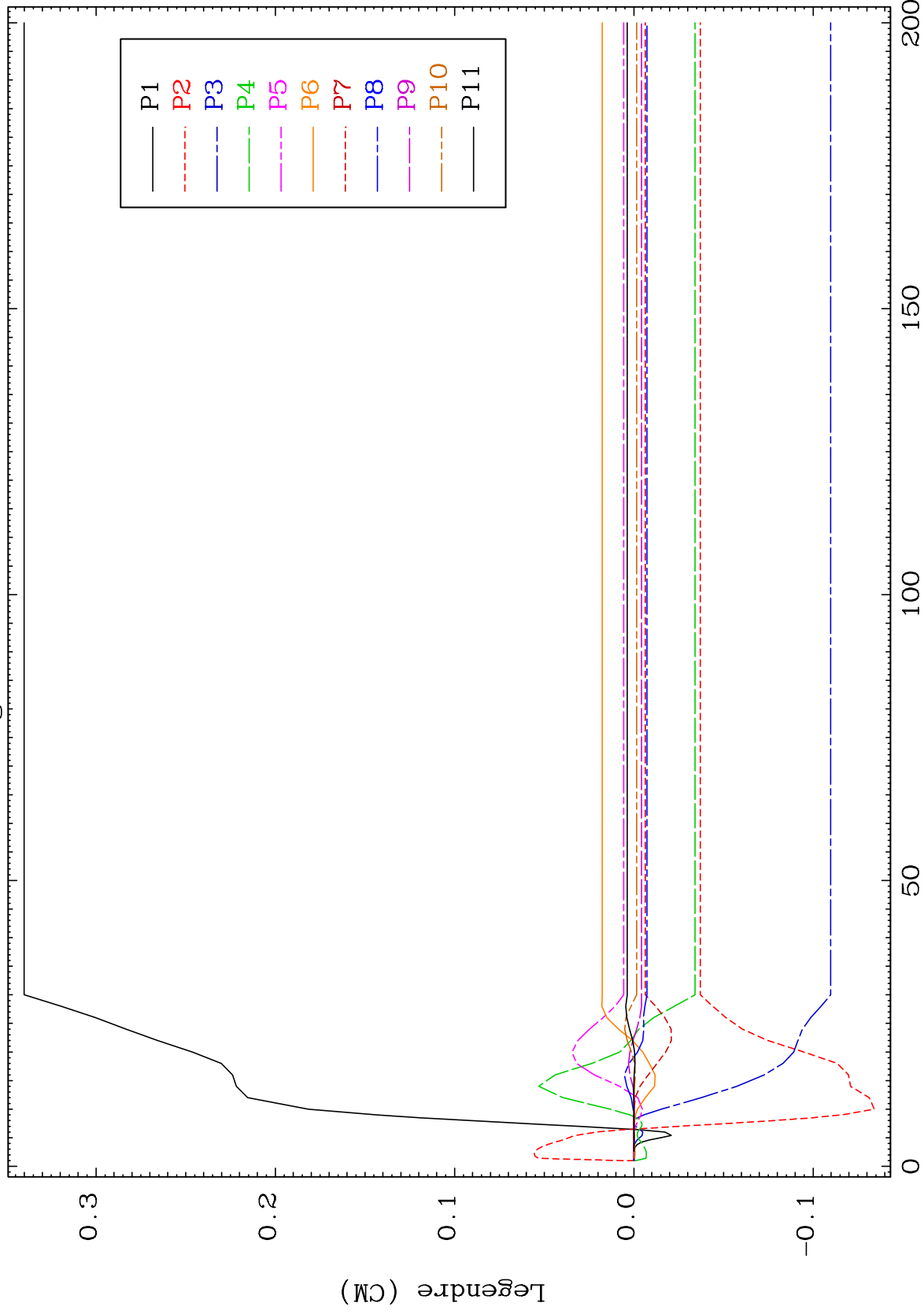
61-Pm-137



MAT 6119

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

61-Pm-137



46

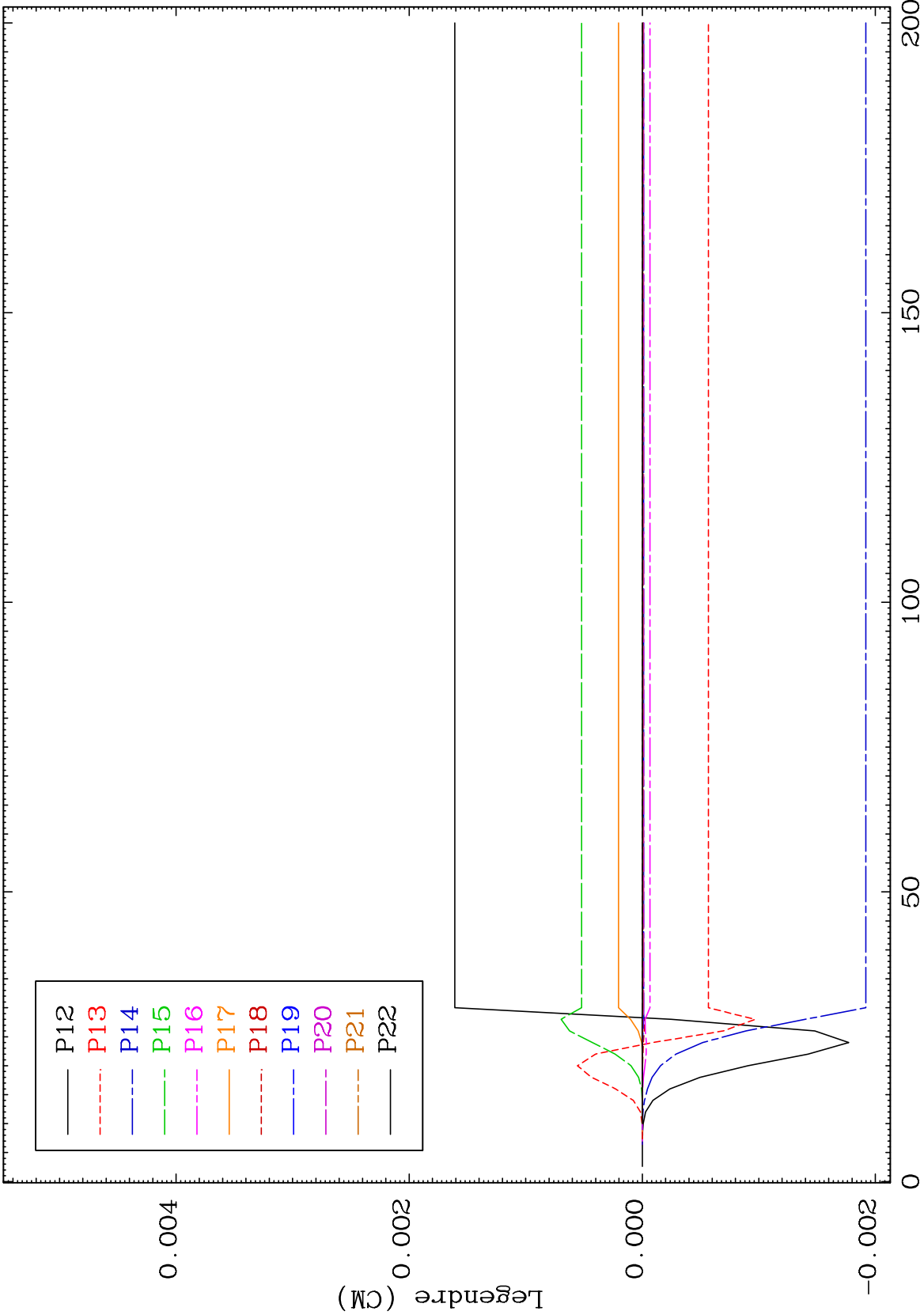
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



47

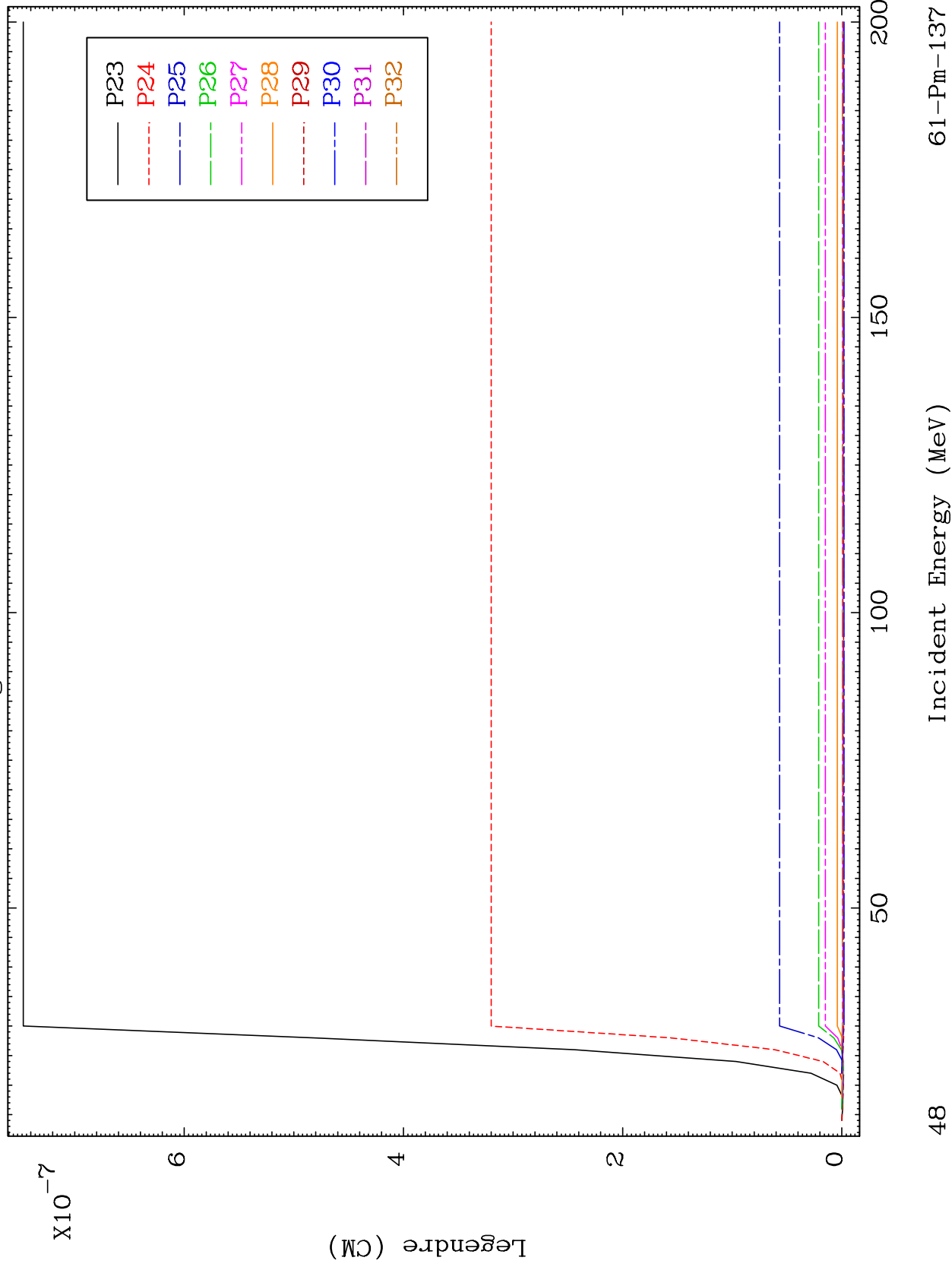
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137

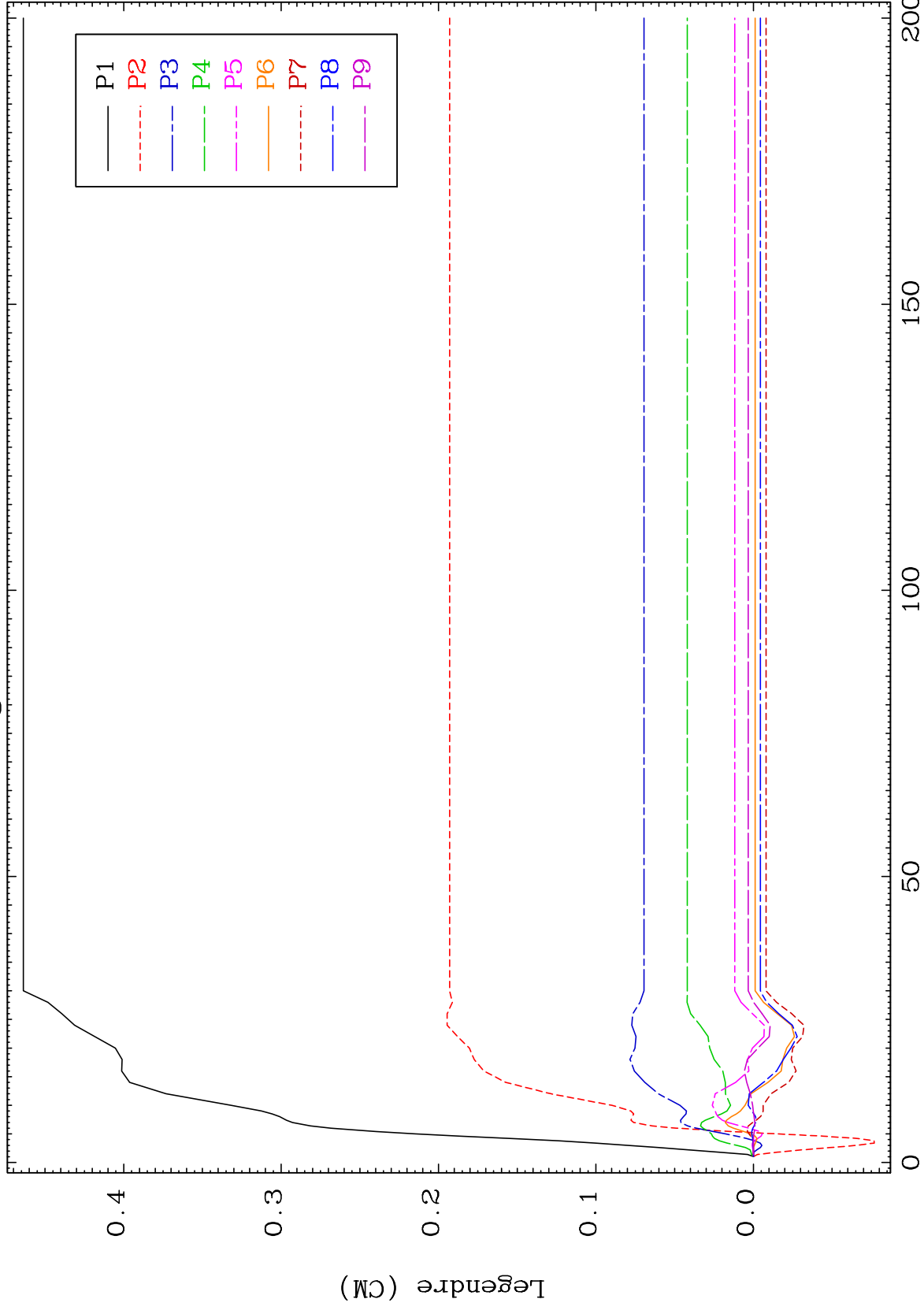


MAT 6119

MT= 59 (n,n') Level

61-Pm-137

Legendre Coefficients



49

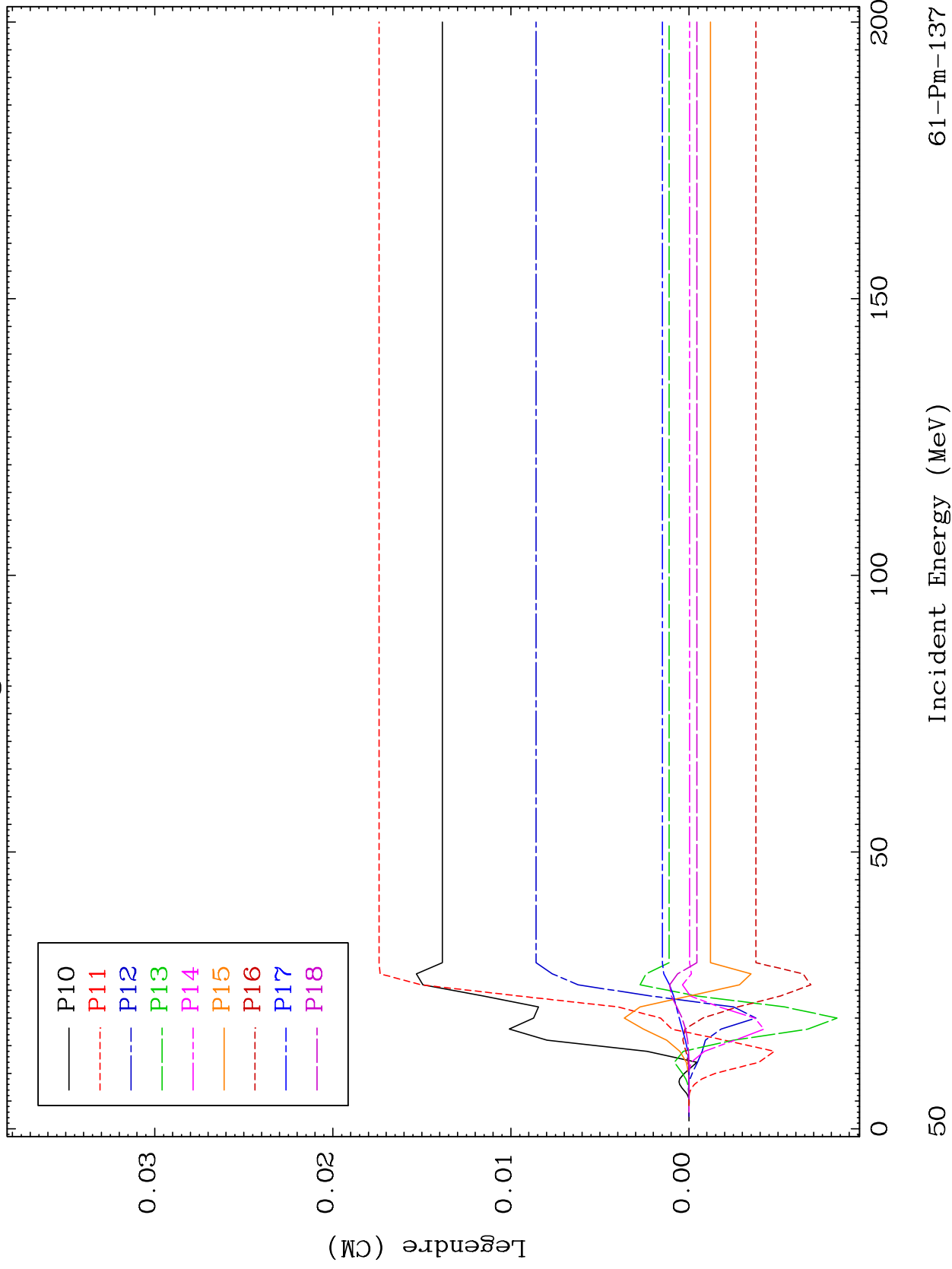
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



61-Pm-137

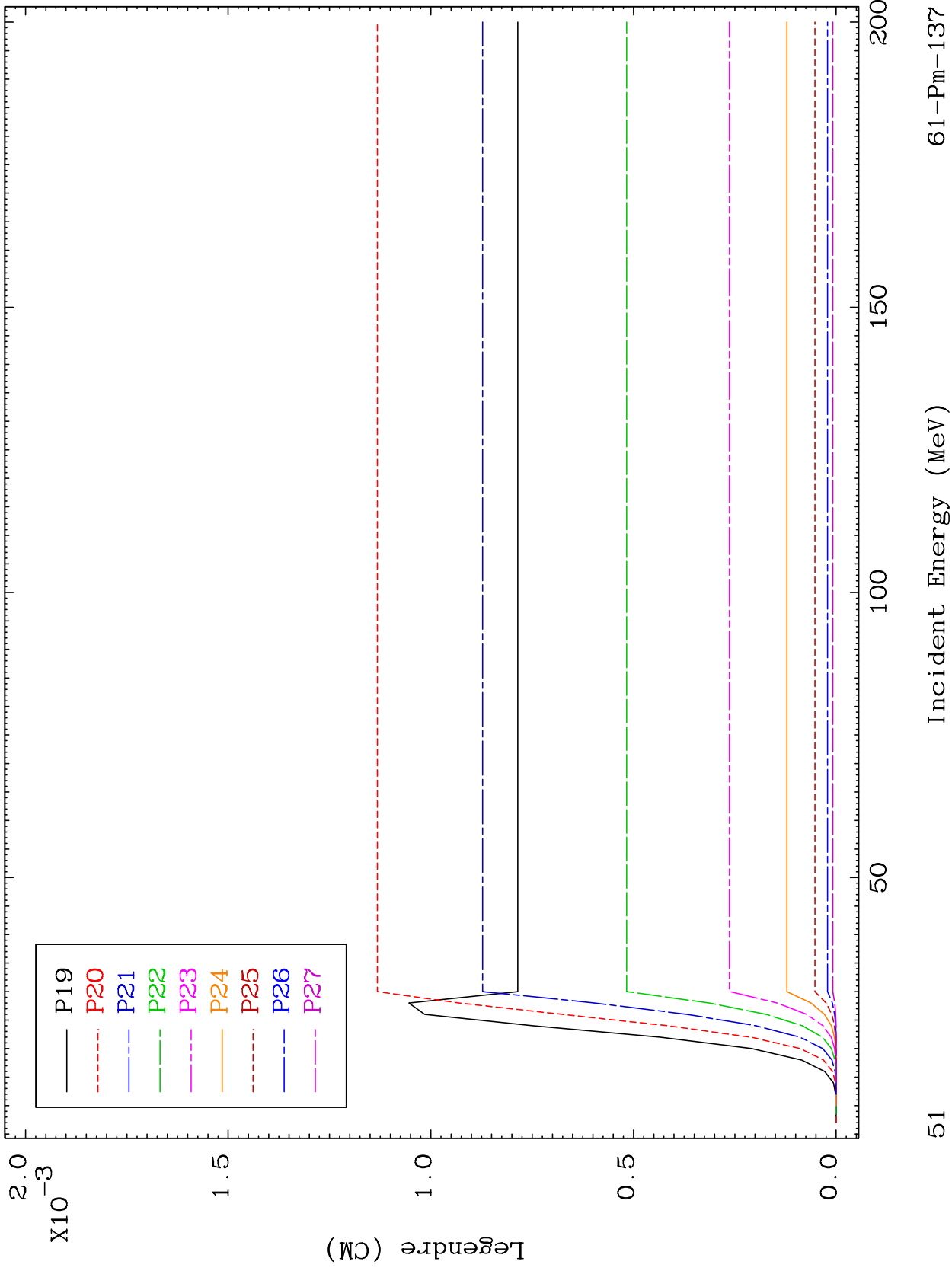
Incident Energy (MeV)

50

MAT 6119

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

61-Pm-137



51

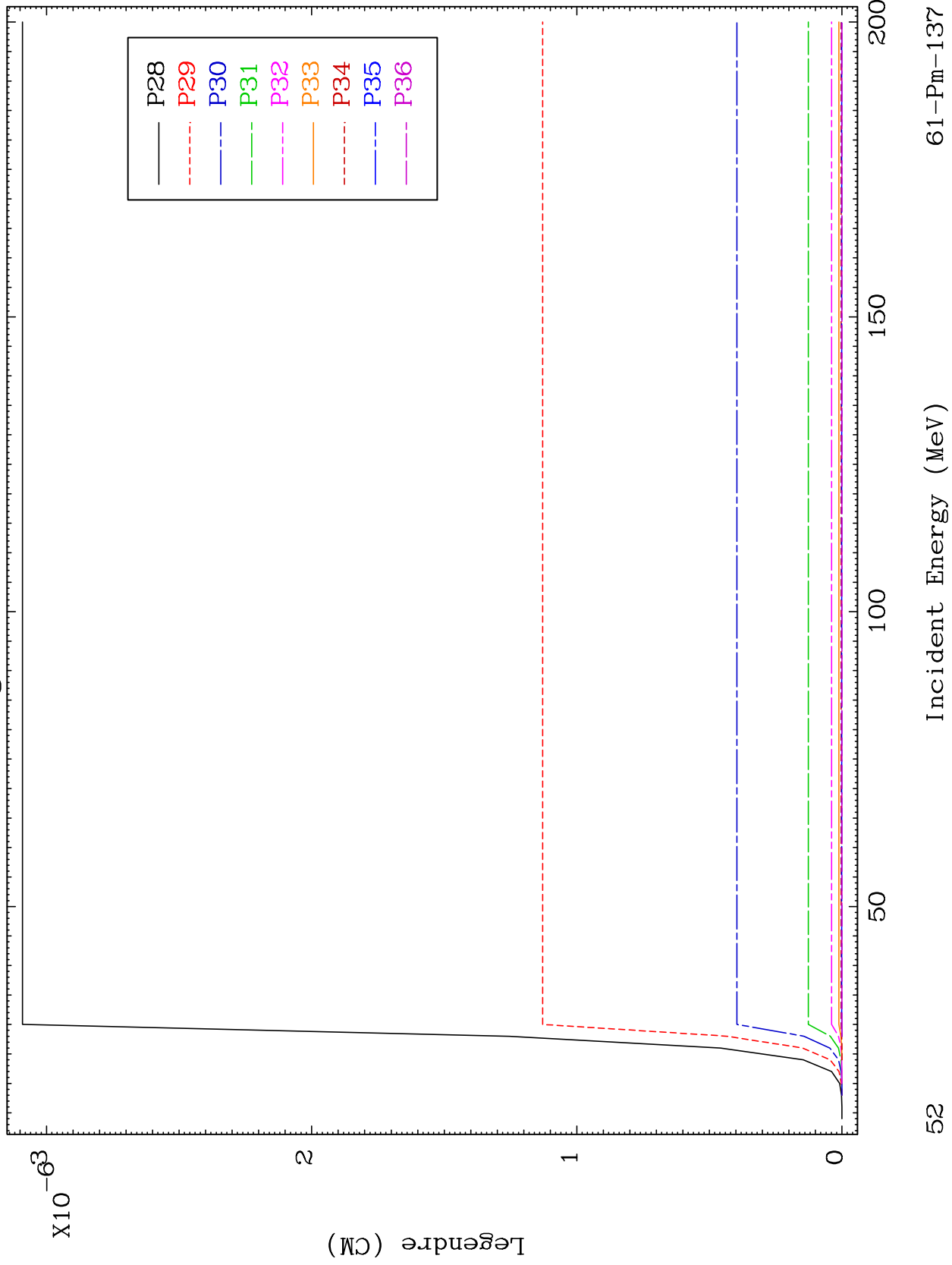
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



52

Incident Energy (MeV)

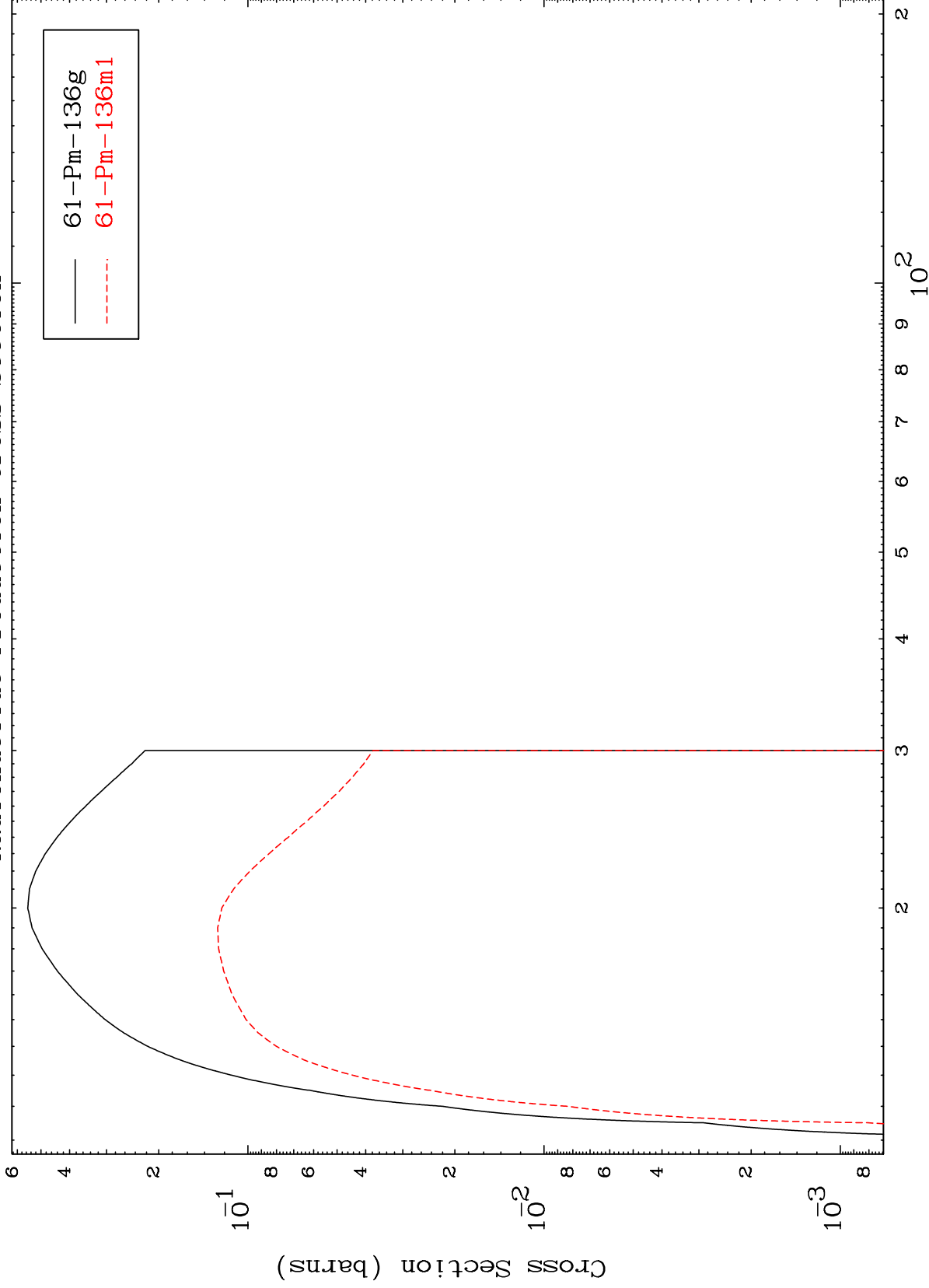
61-Pm-137

MAT 6119

(n,2n)

61-Pm-137

Radionuclide Production Cross Section

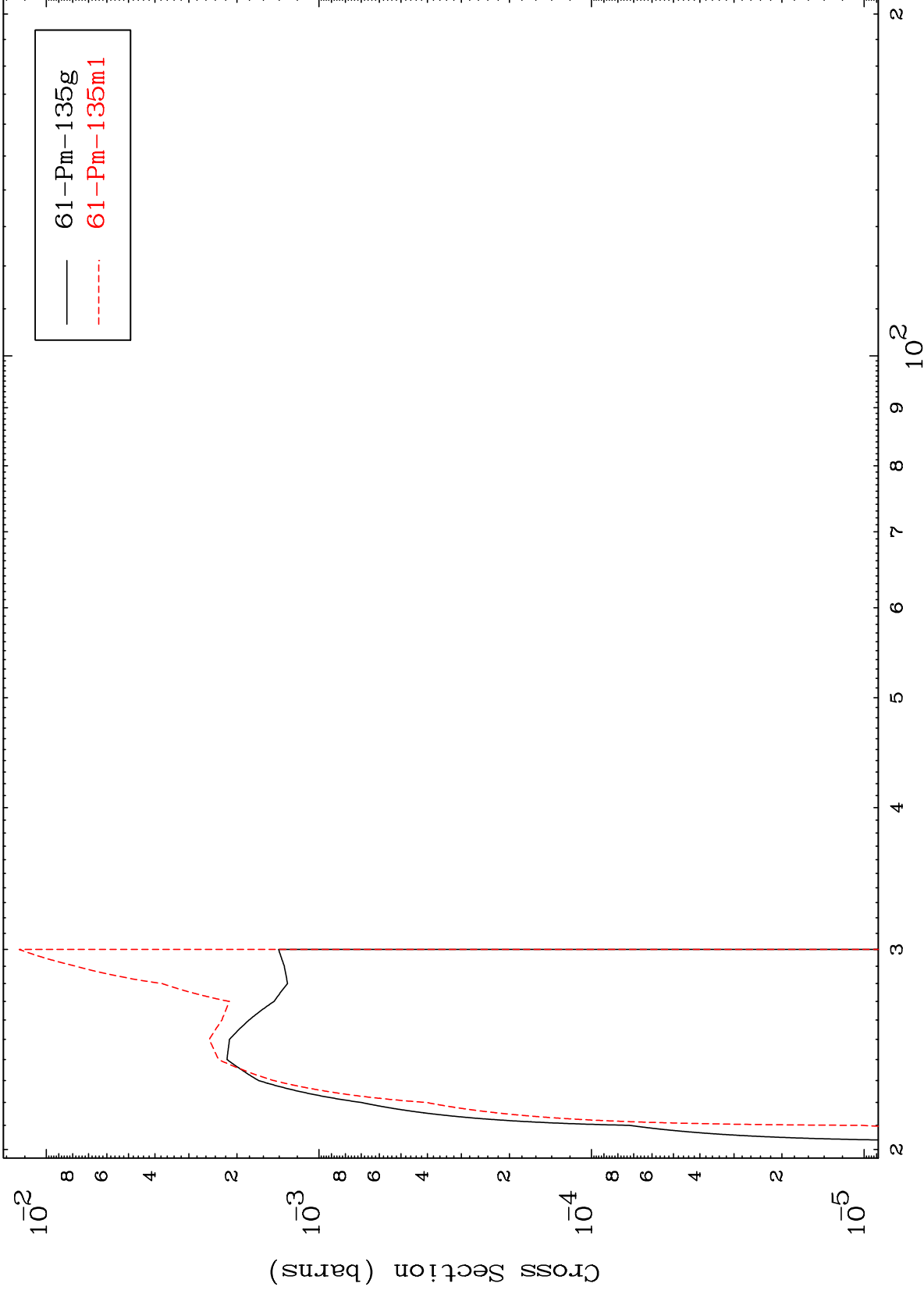


MAT 6119

(n,3n)

61-Pm-137

Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

54

Incident Energy (MeV)

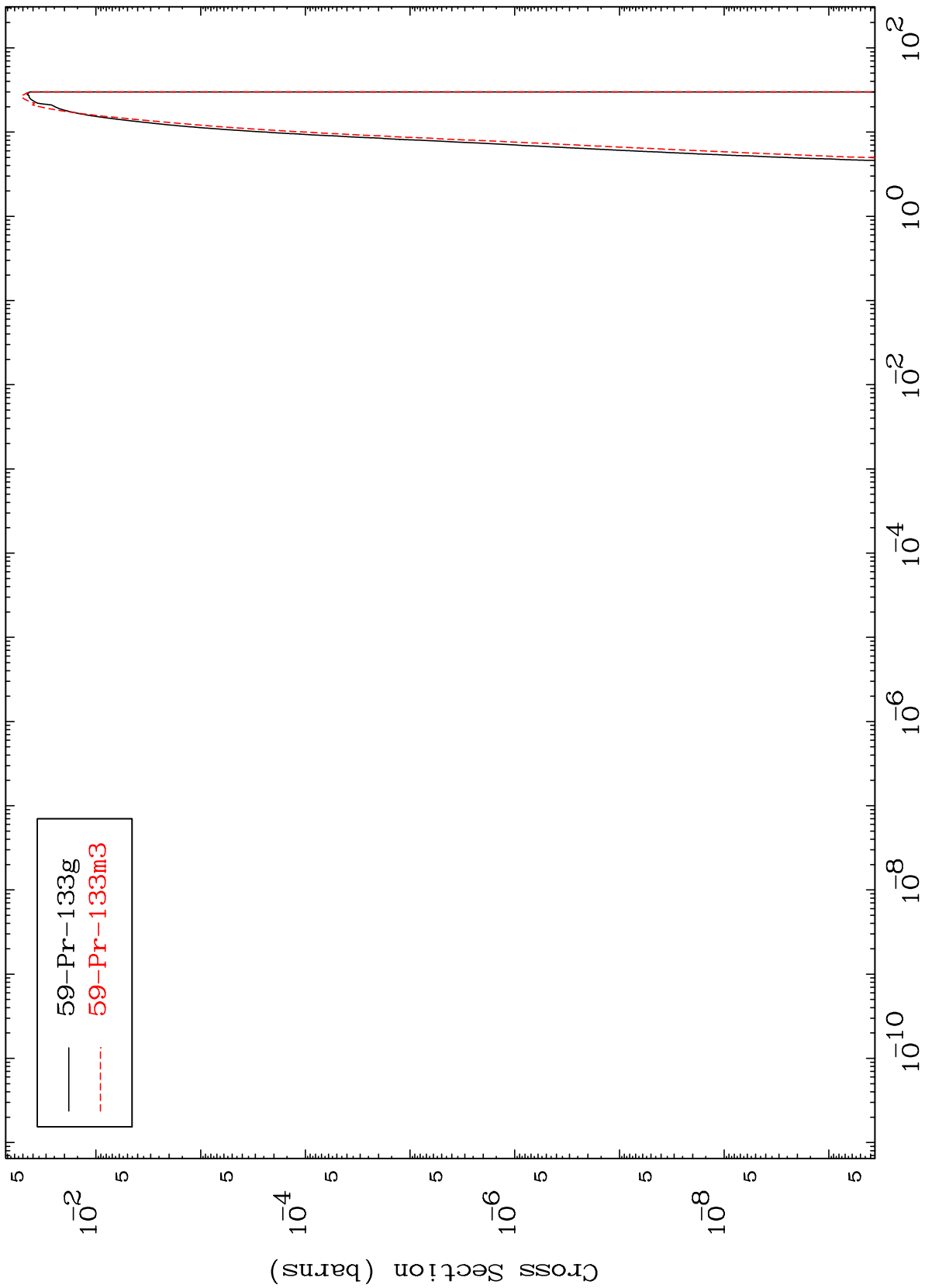
61-Pm-137

MAT 6119

$(n, n') \alpha$

61-Pm-137

Radionuclide Production Cross Section

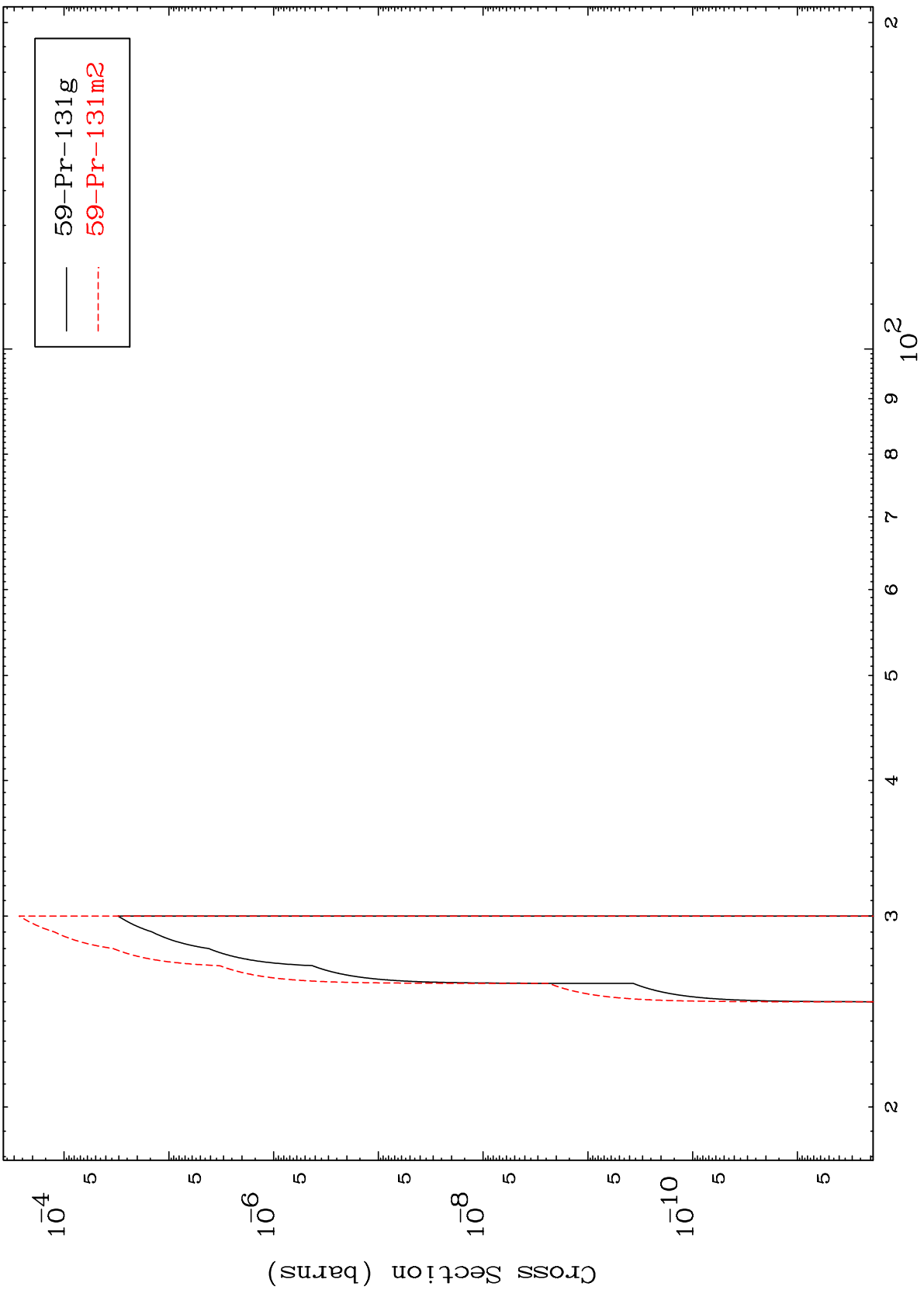


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Incident Energy (MeV)

61-Pm-137

Radionuclide Production Cross Section

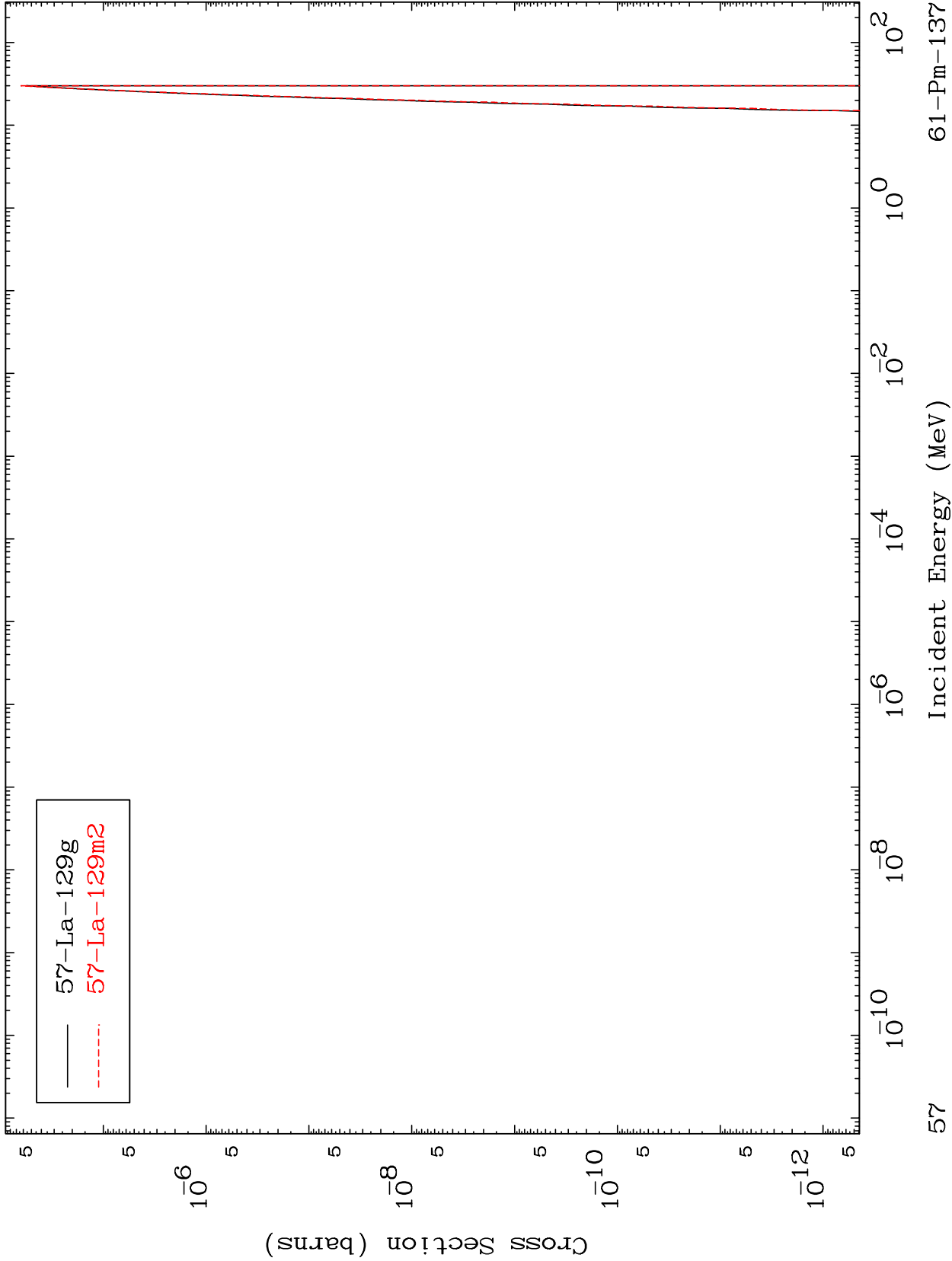


MAT 6119

(n,n') 2α

61-Pm-137

Radionuclide Production Cross Section



57

Incident Energy (MeV)

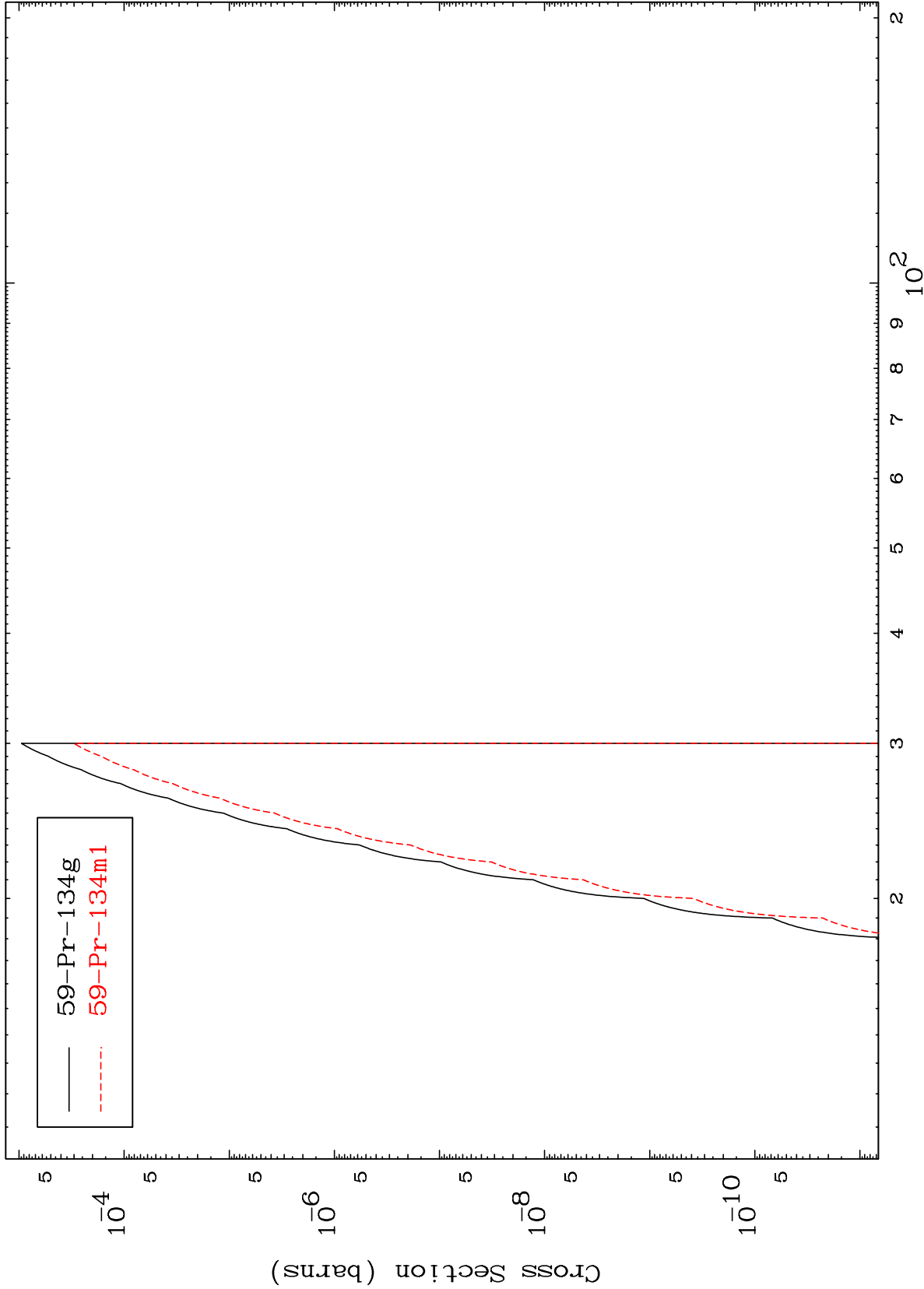
61-Pm-137

MAT 6119

(n,n') He-3

61-Pm-137

Radionuclide Production Cross Section



Incident Energy (MeV)

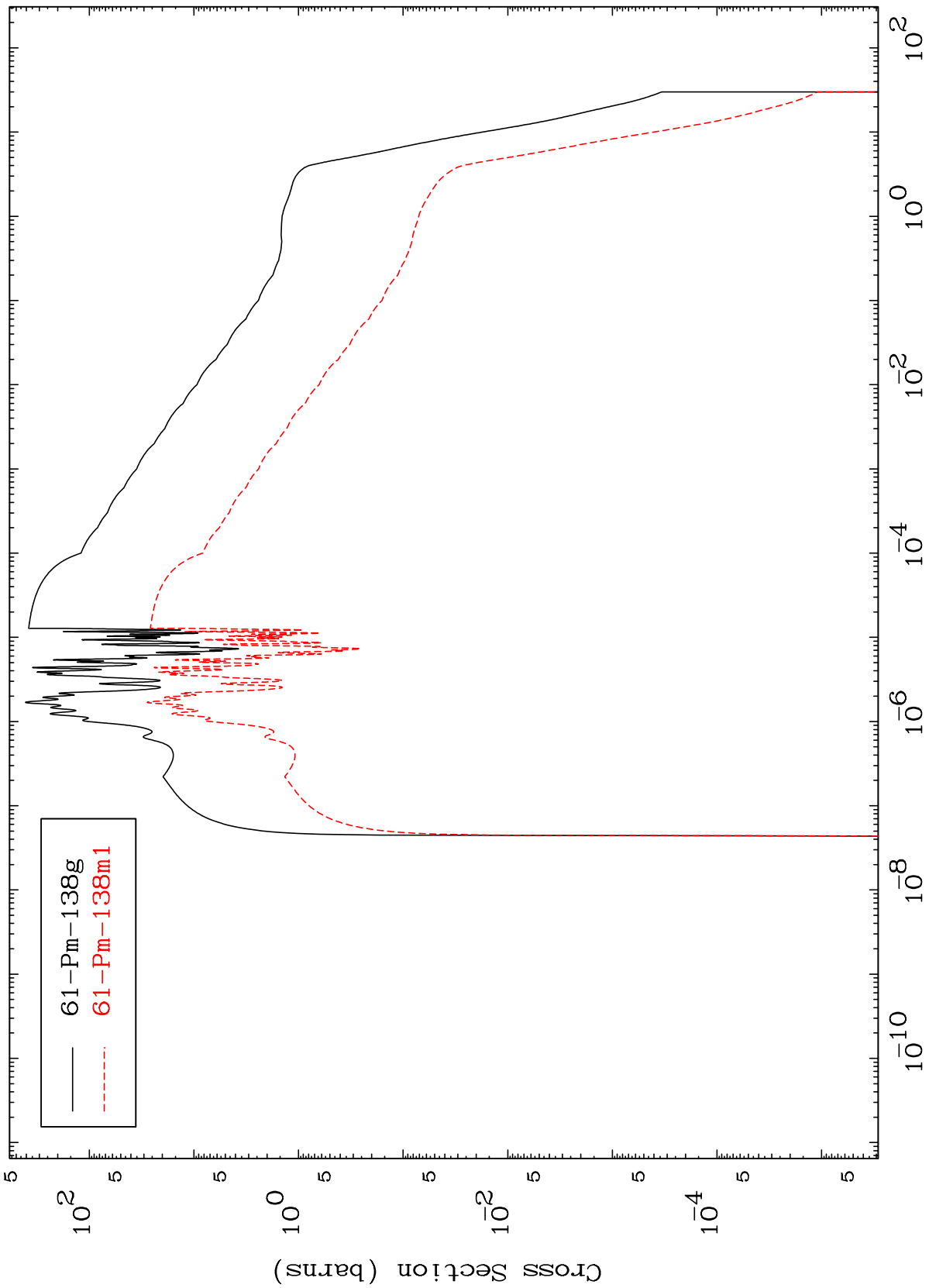
61-Pm-137

58

MAT 6119

61-Pm-137

(n,γ)
Radionuclide Production Cross Section



61-Pm-137

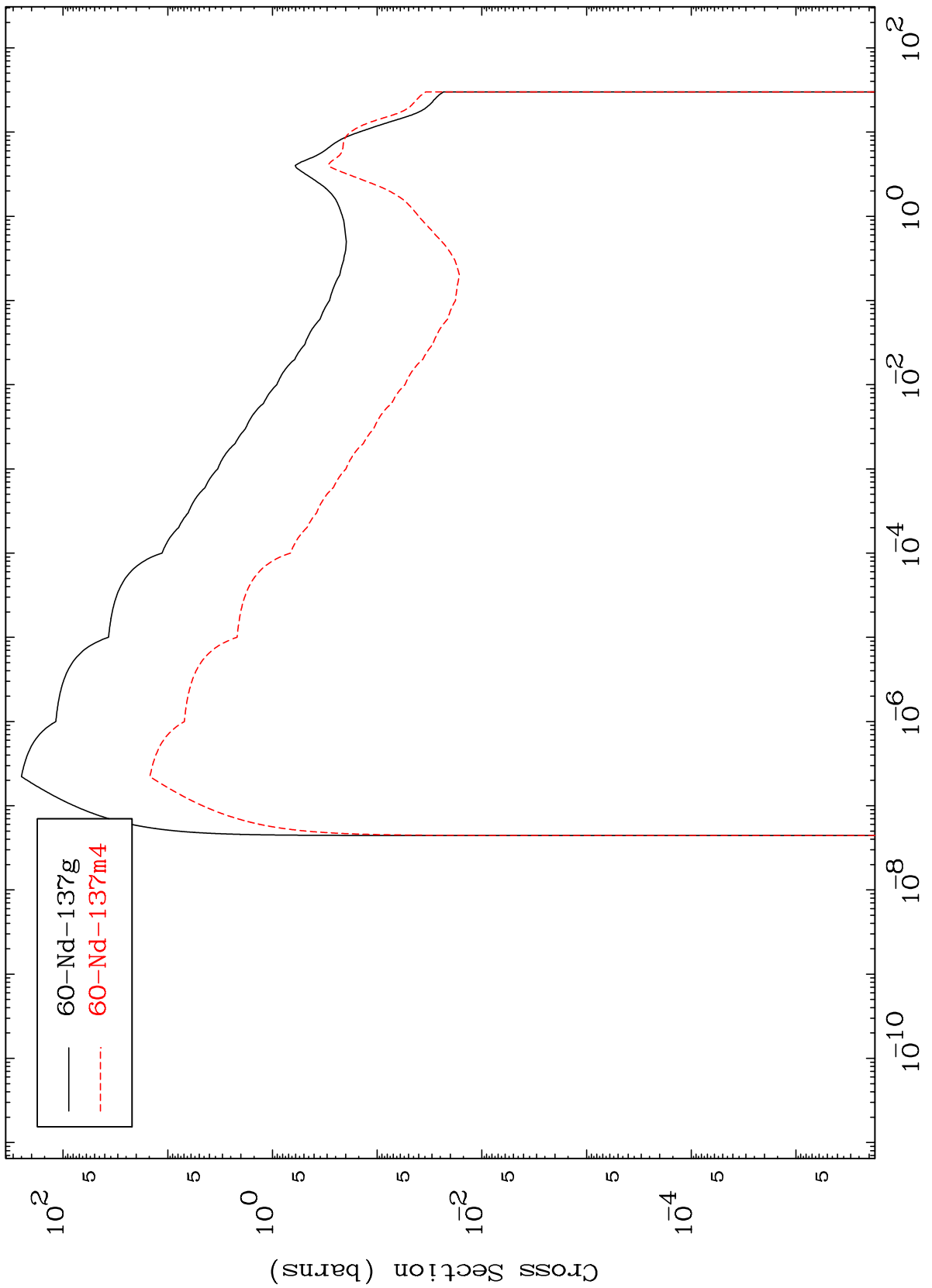
Incident Energy (MeV)

59

MAT 6119

61-Pm-137

(n,p)
Radionuclide Production Cross Section



— 60-Nd-137g
- - - 60-Nd-137m4

60

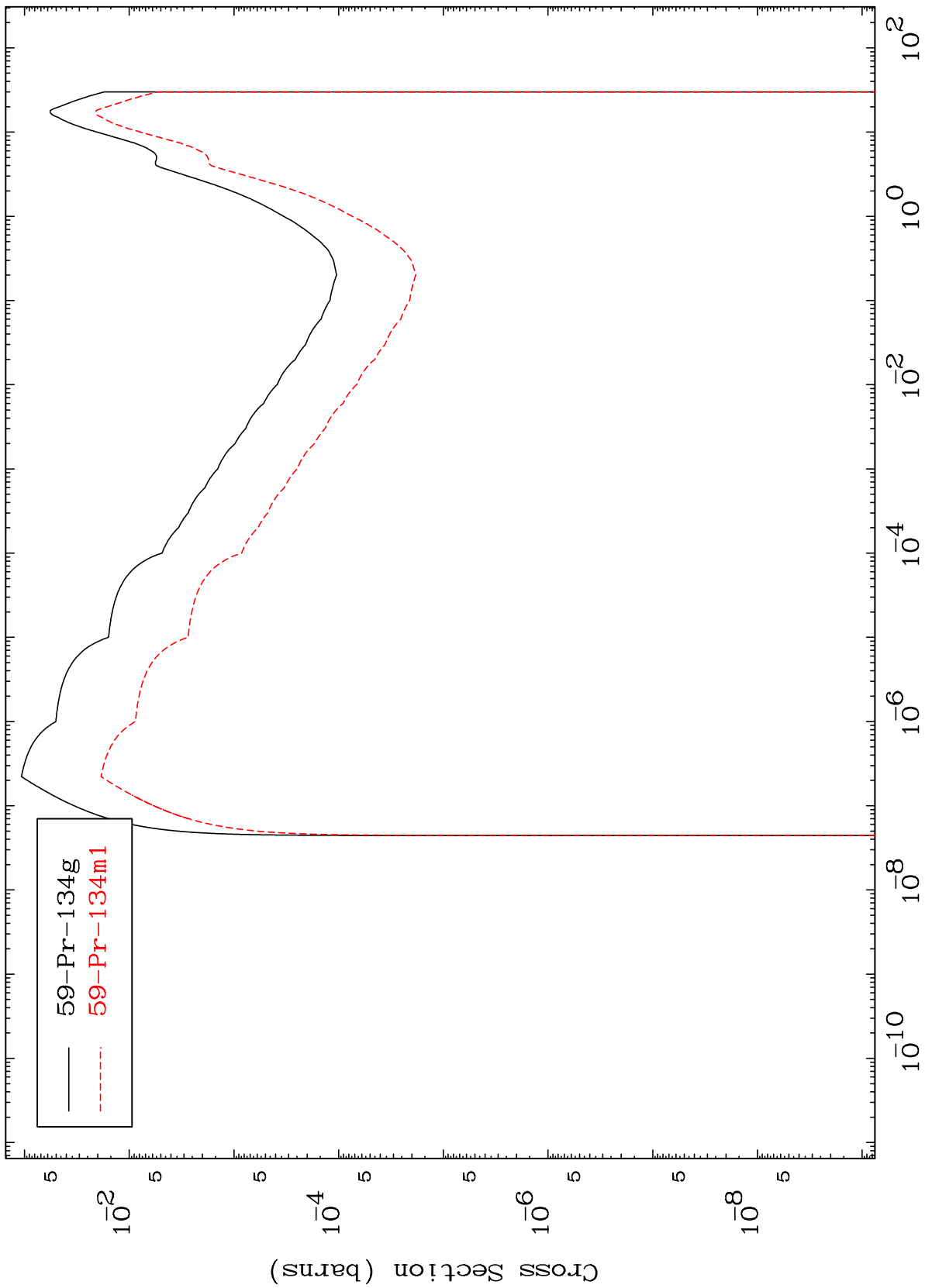
61-Pm-137

Incident Energy (MeV)

MAT 6119

61-Pm-137

Radionuclide Production Cross Section



— 59-Pr-134g
- - - 59-Pr-134m1

61

Incident Energy (MeV)

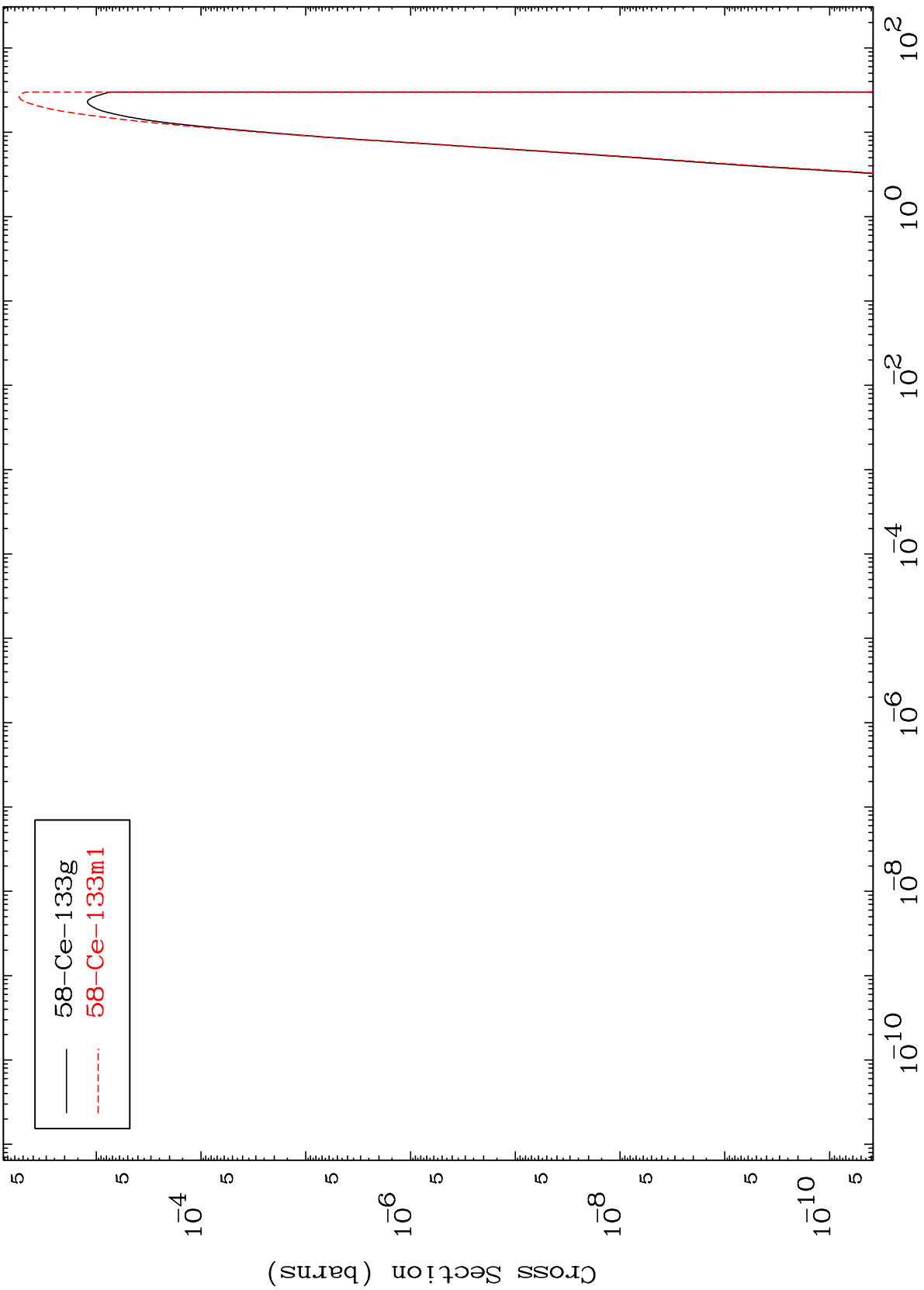
61-Pm-137

MAT 6119

(n,p) α

61-Pm-137

Radionuclide Production Cross Section



62

Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,p) t

61-Pm-137

Radionuclide Production Cross Section

