

Program EVALPLOT  
(Version 2021-1)

by

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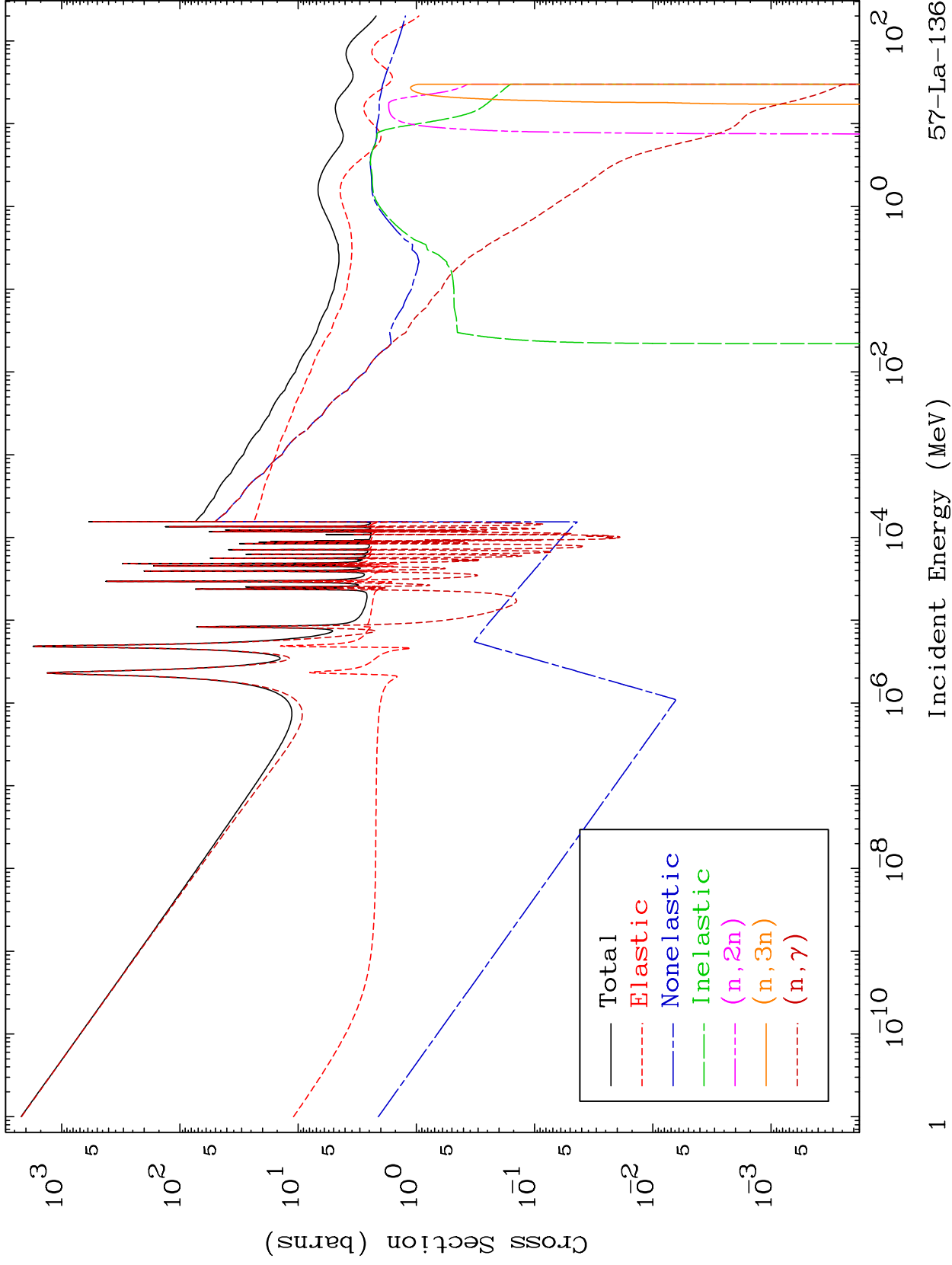
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Press Mouse Button to Start

MAT 5719

Neutron Major  
293 Kelvin Cross Sections

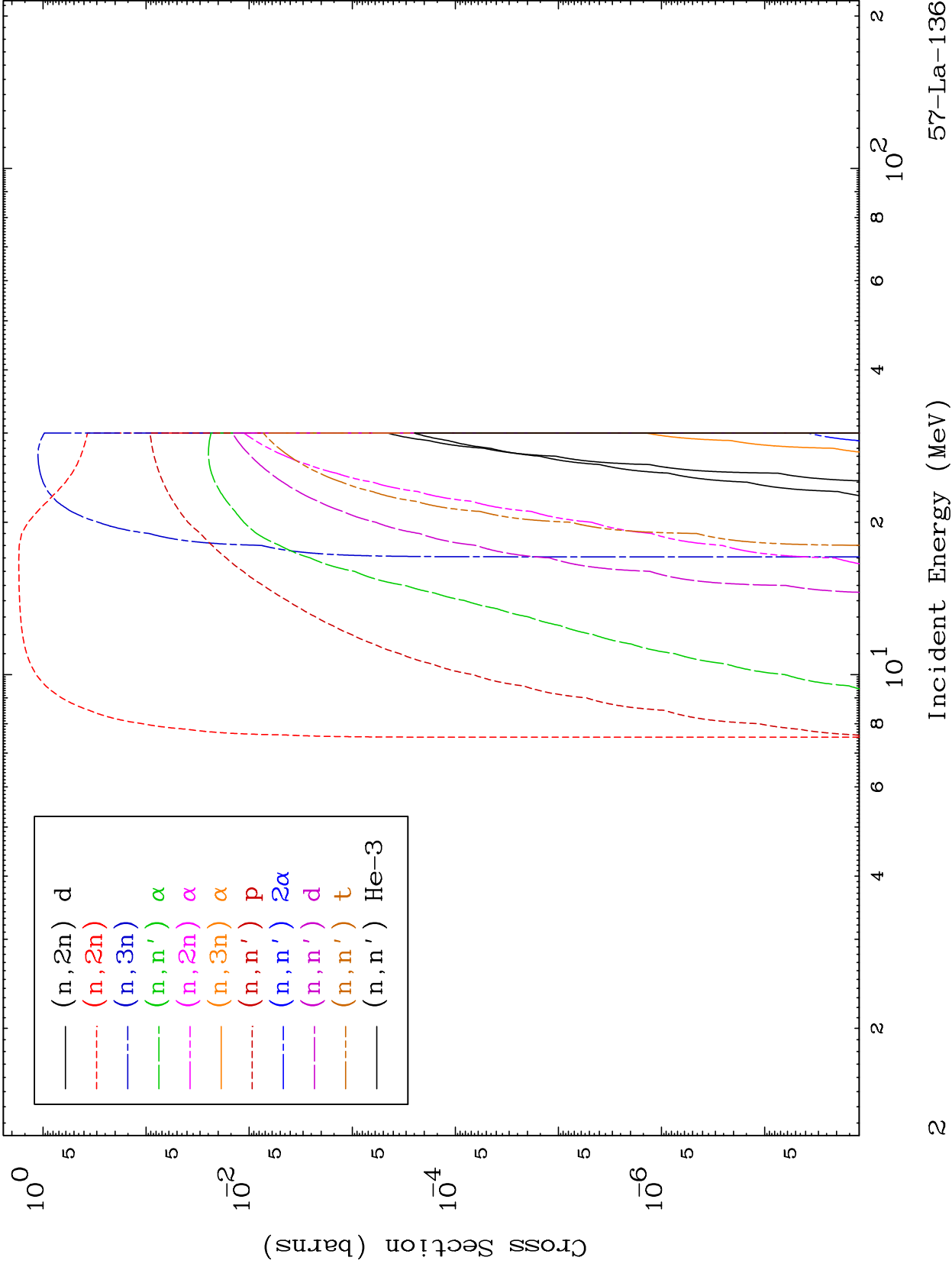
57-La-136



MAT 5719

Neutron Absorption  
293 Kelvin Cross Sections

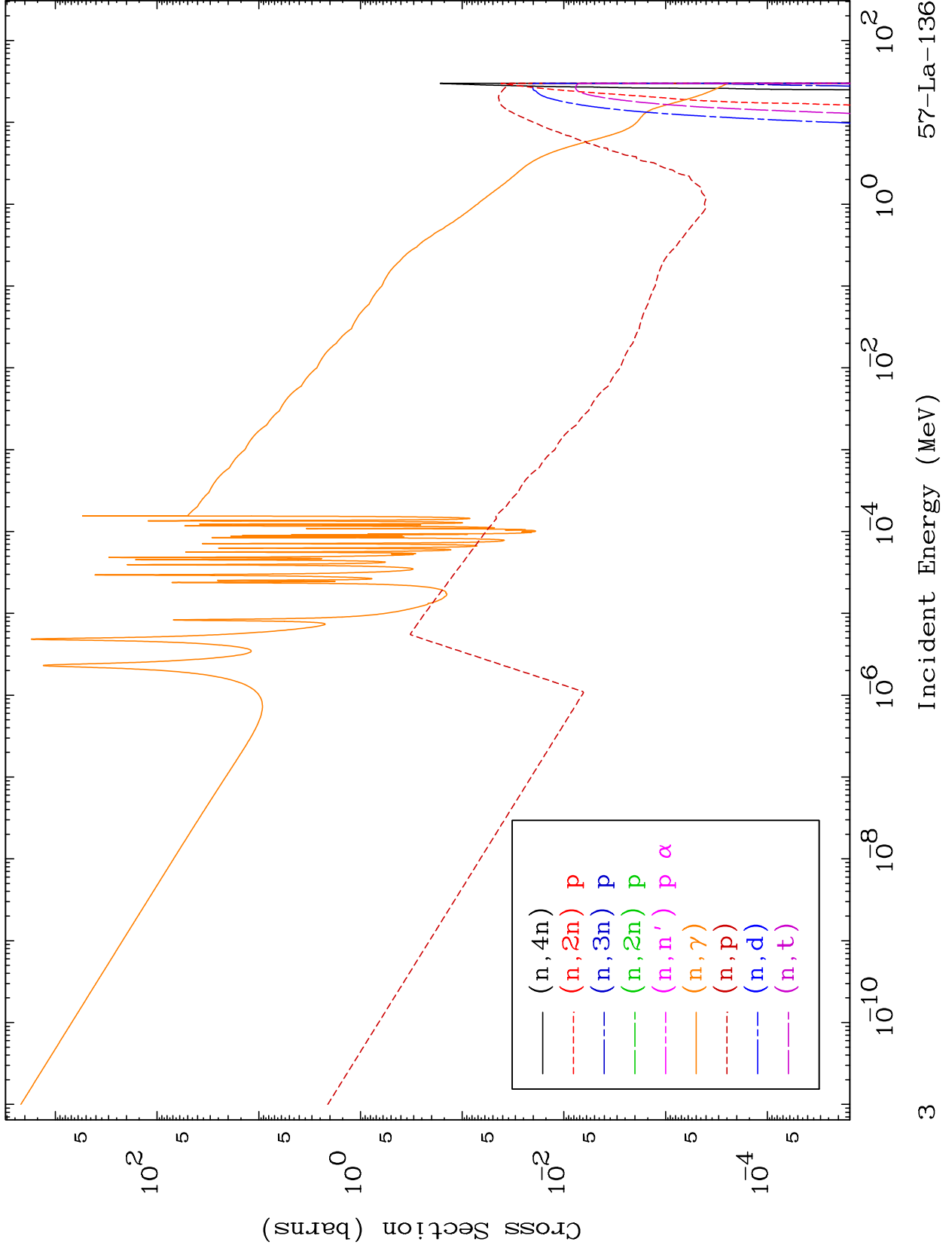
57-La-136

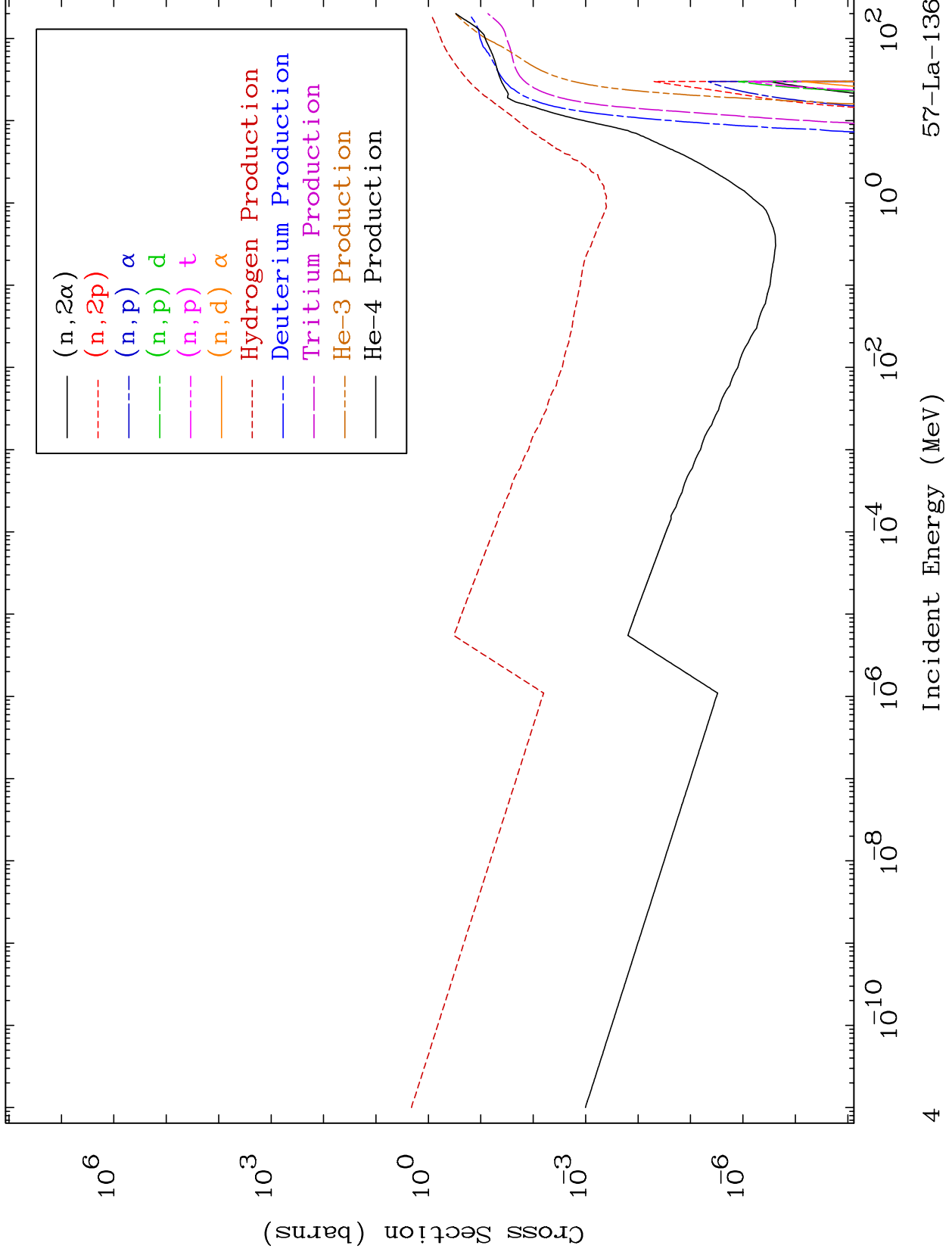


MAT 5719

Neutron Absorption  
293 Kelvin Cross Sections

57-La-136

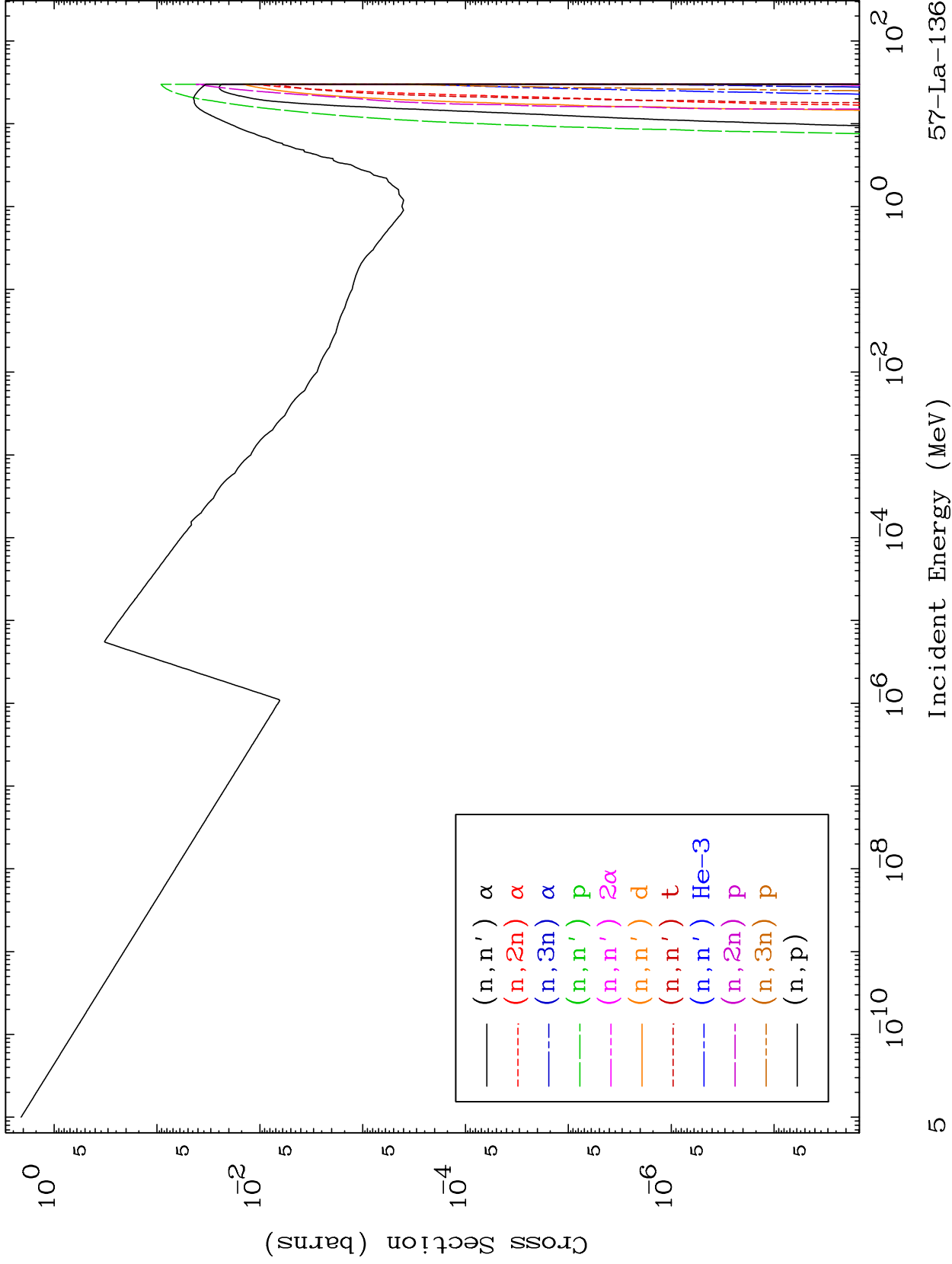




MAT 5719

Charged Particle  
293 Kelvin Cross Sections

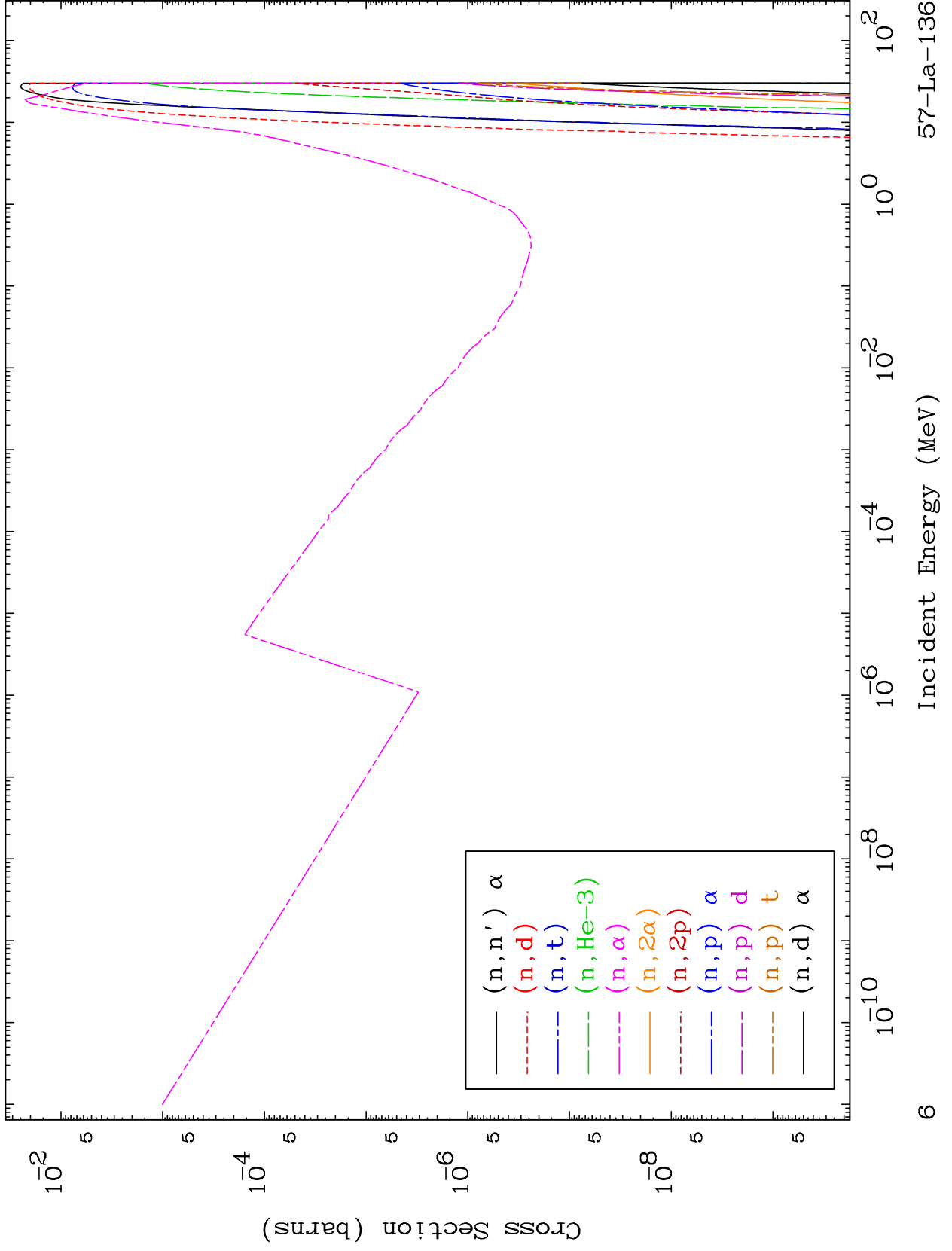
57-La-136



MAT 5719

Charged Particle  
293 Kelvin Cross Sections

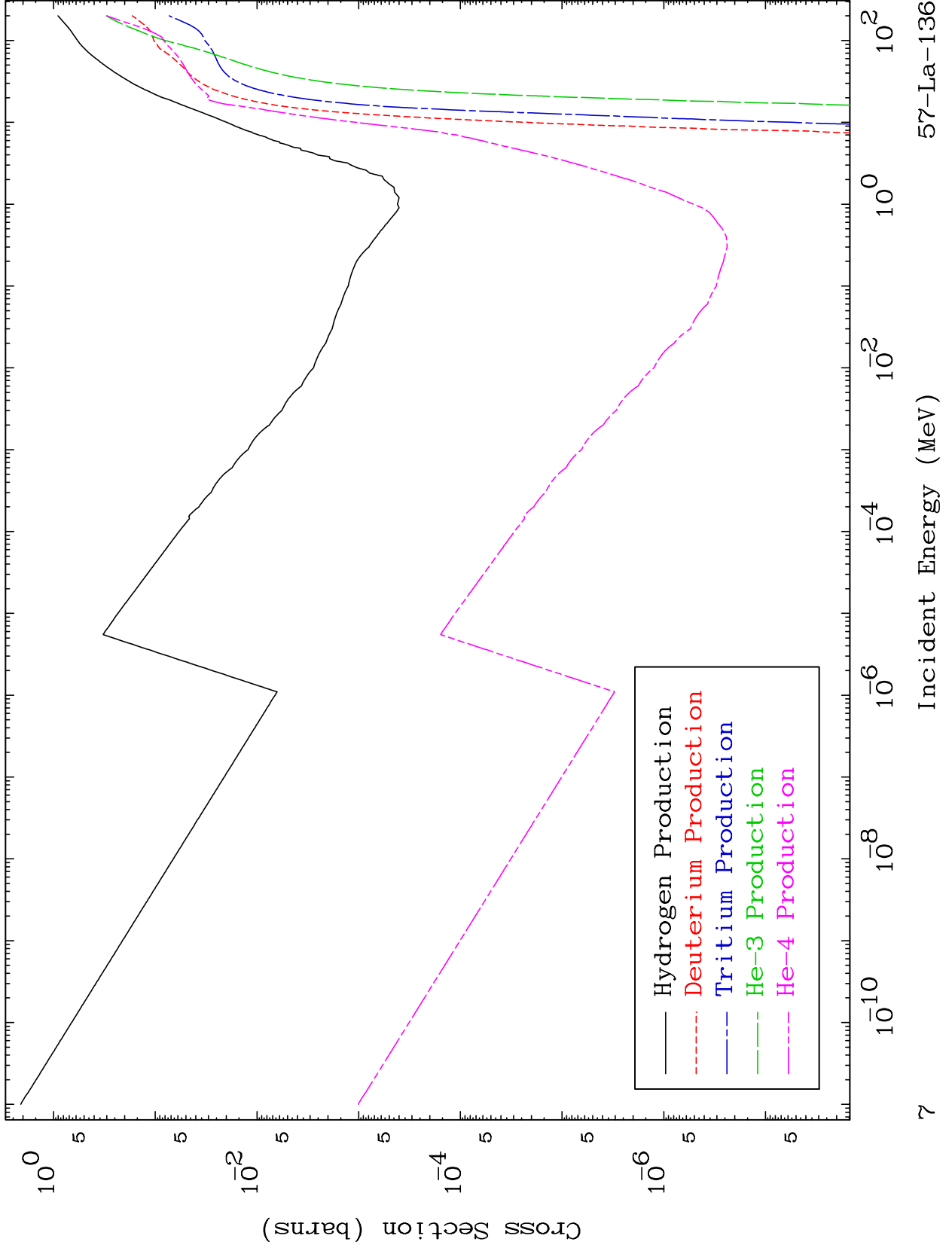
57-La-136



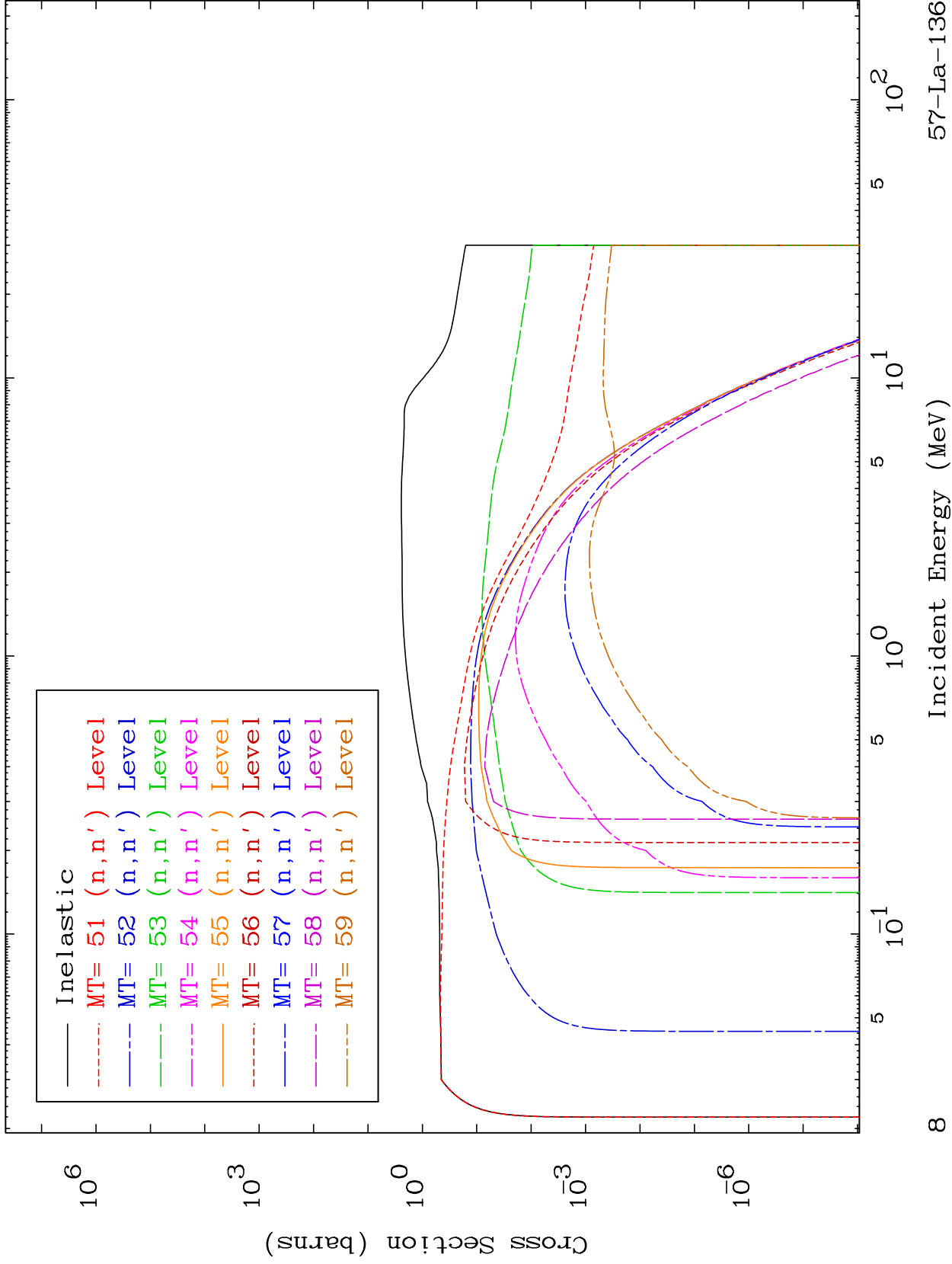
MAT 5719

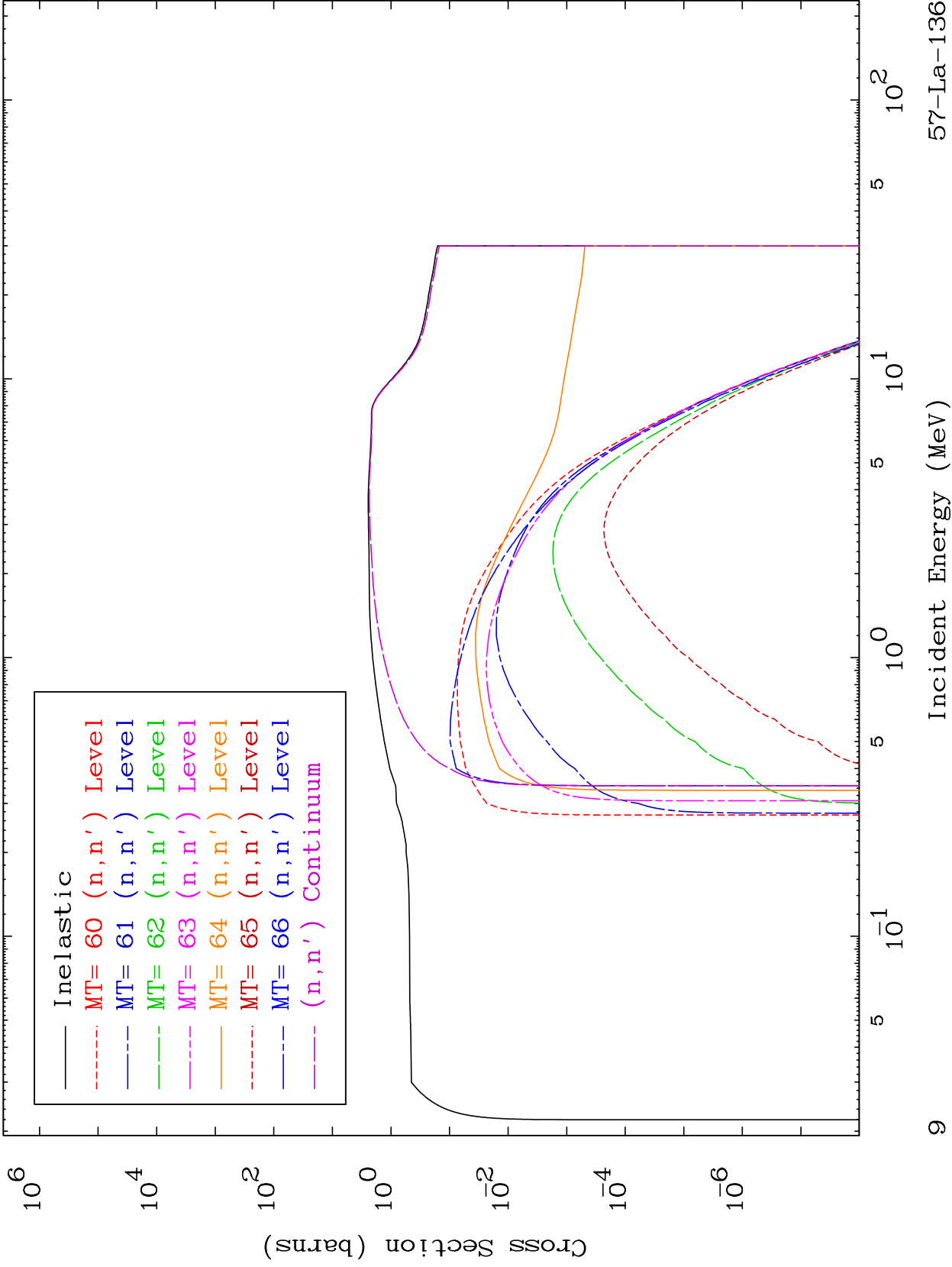
Particle Production  
293 Kelvin Cross Sections

57-La-136





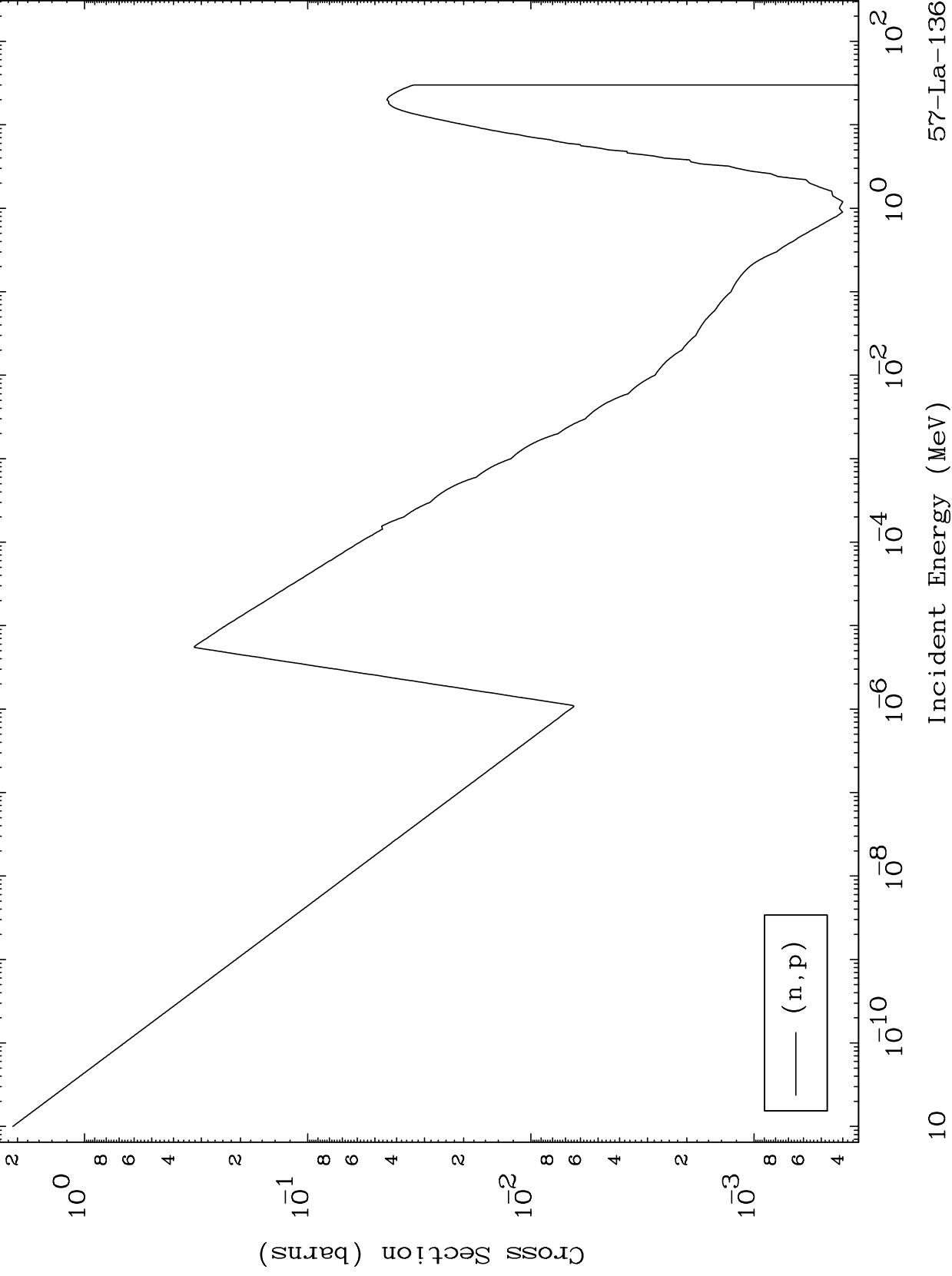




MAT 5719

(n,p) Levels  
293 Kelvin Cross Sections

57-La-136



10

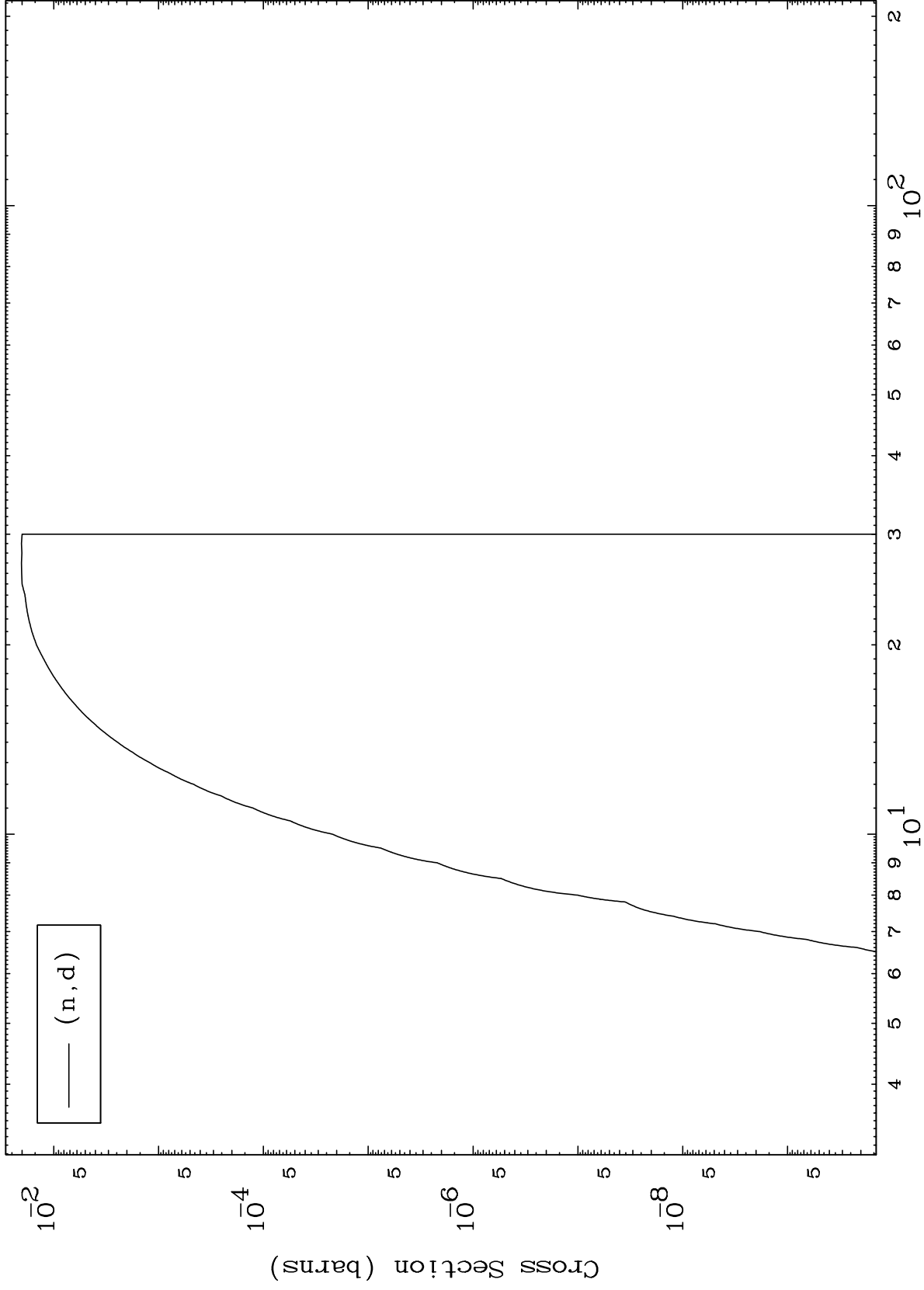
Incident Energy (MeV)

57-La-136

MAT 5719

(n,d) Levels  
293 Kelvin Cross Sections

57-La-136



11

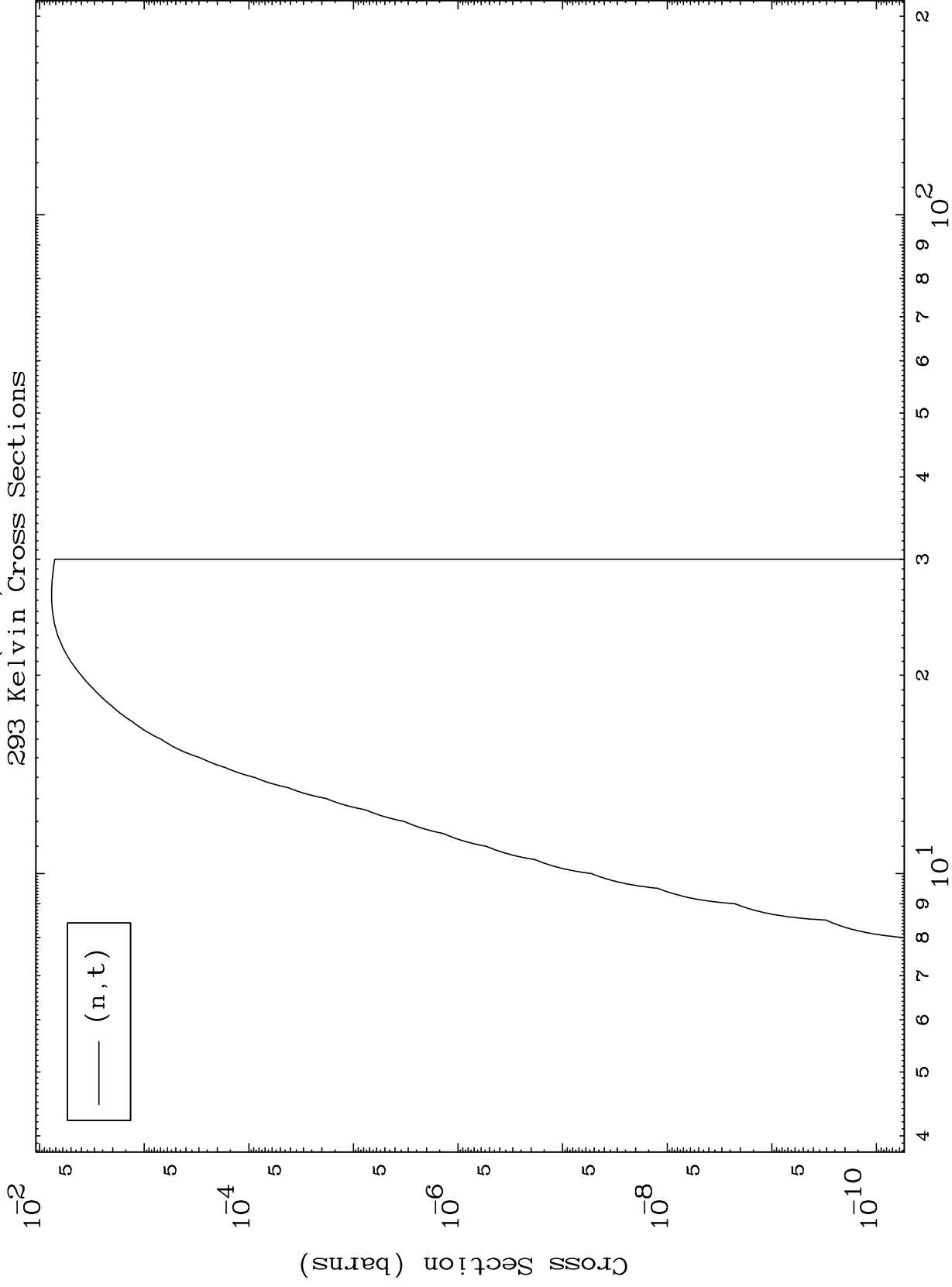
Incident Energy (MeV)

57-La-136

MAT 5719

(n,t) Levels  
293 Kelvin Cross Sections

57-La-136



12

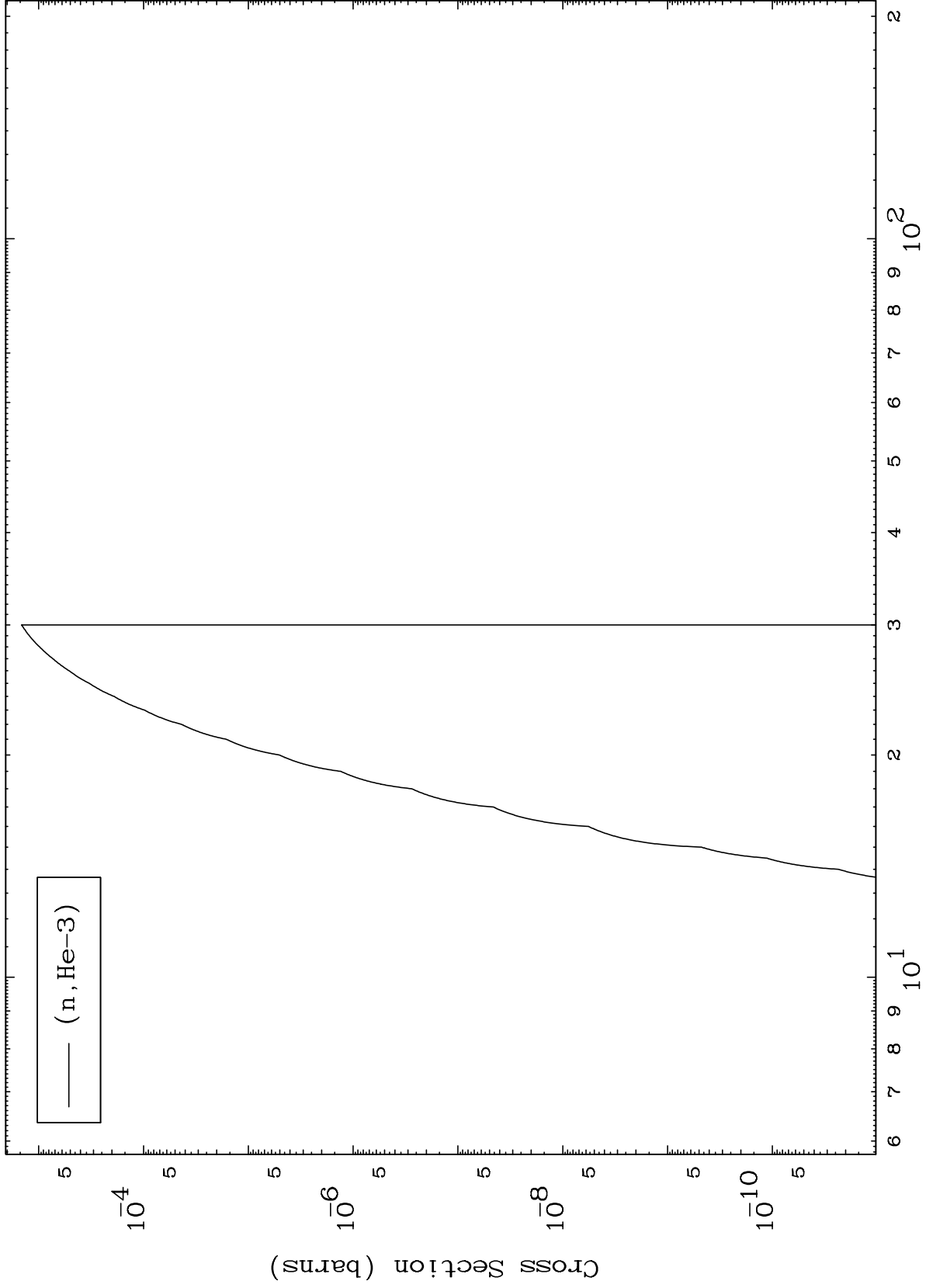
Incident Energy (MeV)

57-La-136

MAT 5719

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-136



13

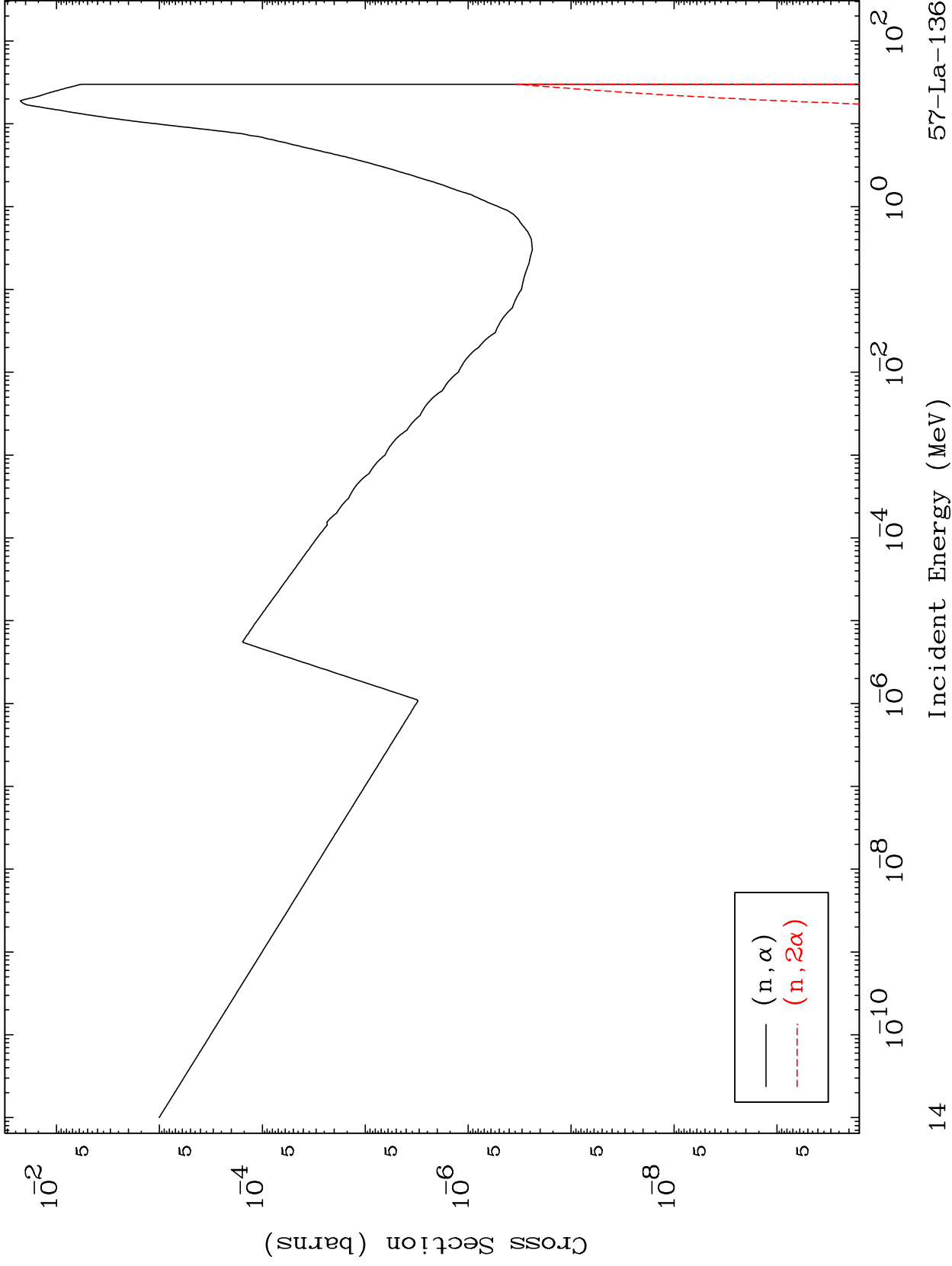
Incident Energy (MeV)

57-La-136

MAT 5719

(n,α) Levels  
293 Kelvin Cross Sections

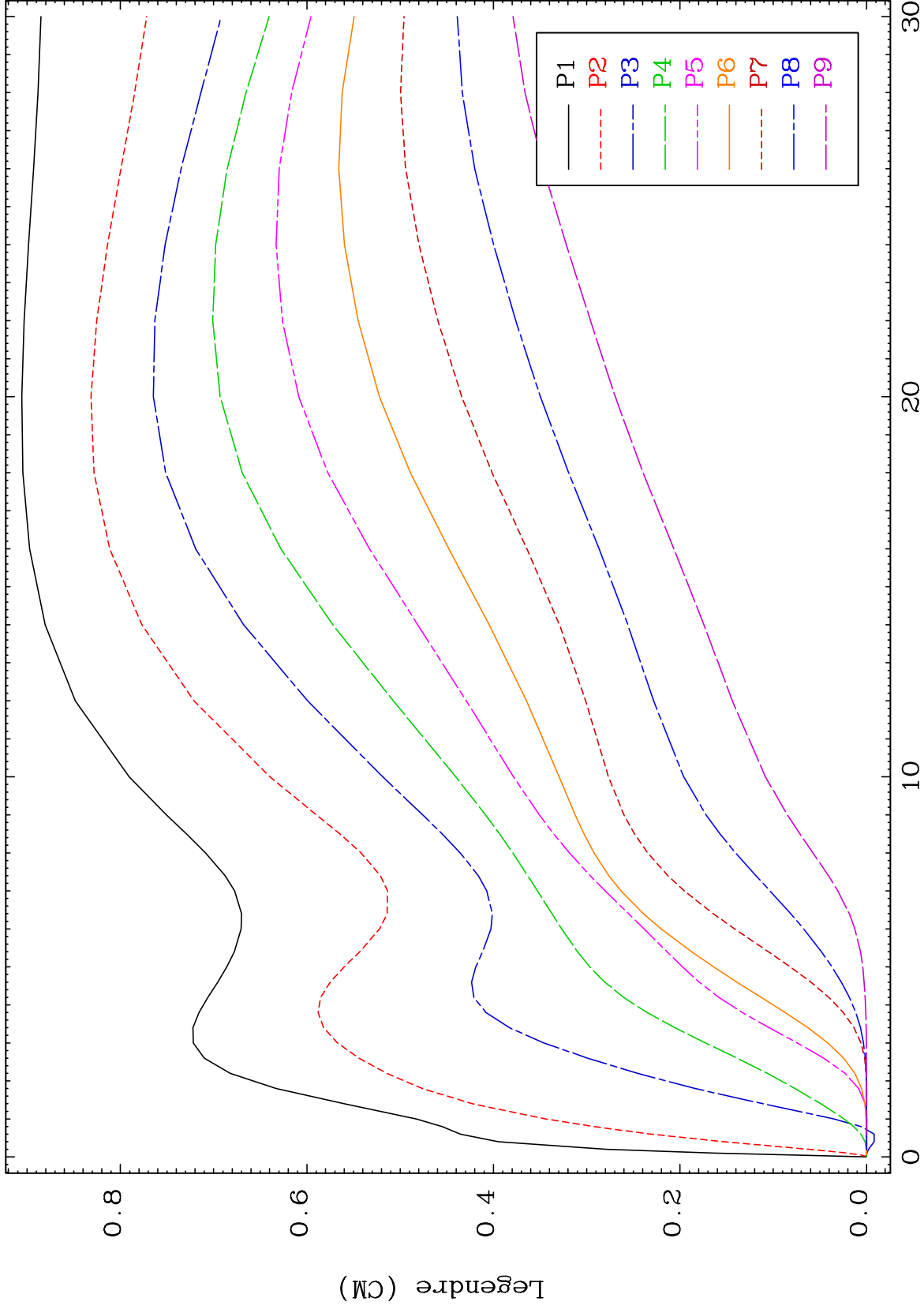
57-La-136



MAT 5719

Elastic Legendre Coefficients

57-La-136



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Incident Energy (MeV)

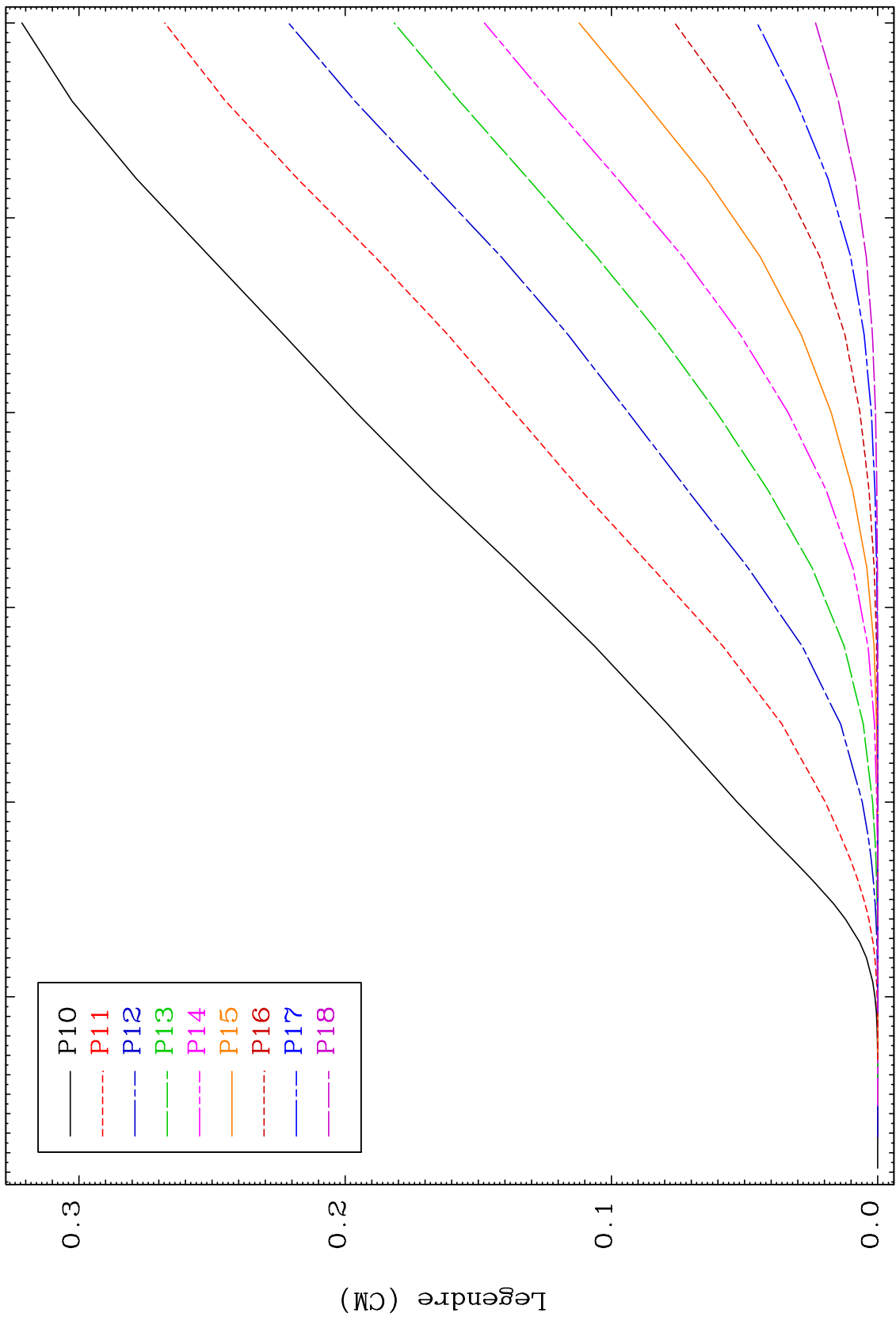
57-La-136



MAT 5719

Elastic Legendre Coefficients

57-La-136



16

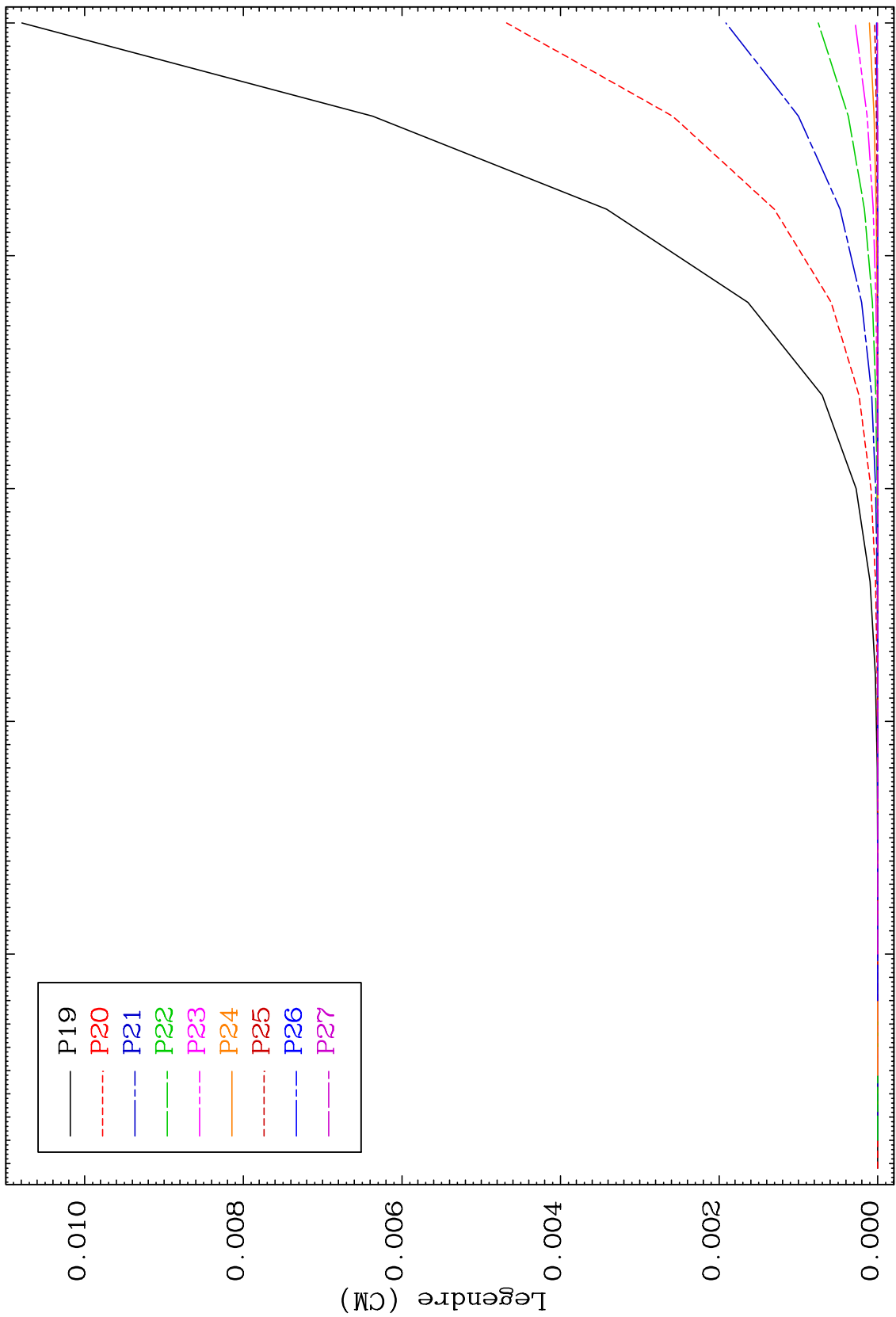
Incident Energy (MeV)

57-La-136

MAT 5719

Elastic Legendre Coefficients

57-La-136



17

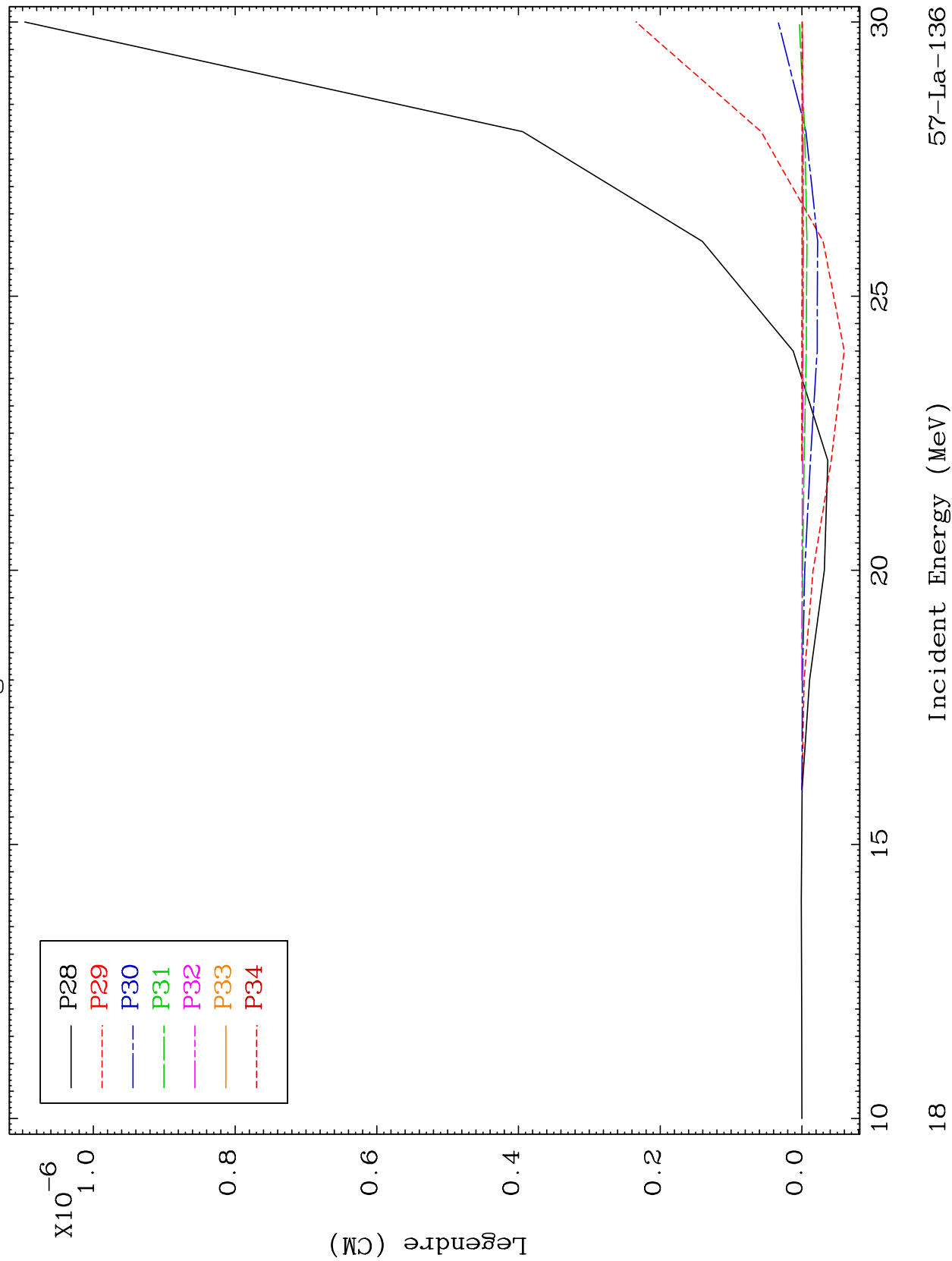
Incident Energy (MeV)

57-La-136

MAT 5719

Elastic Legendre Coefficients

57-La-136



18

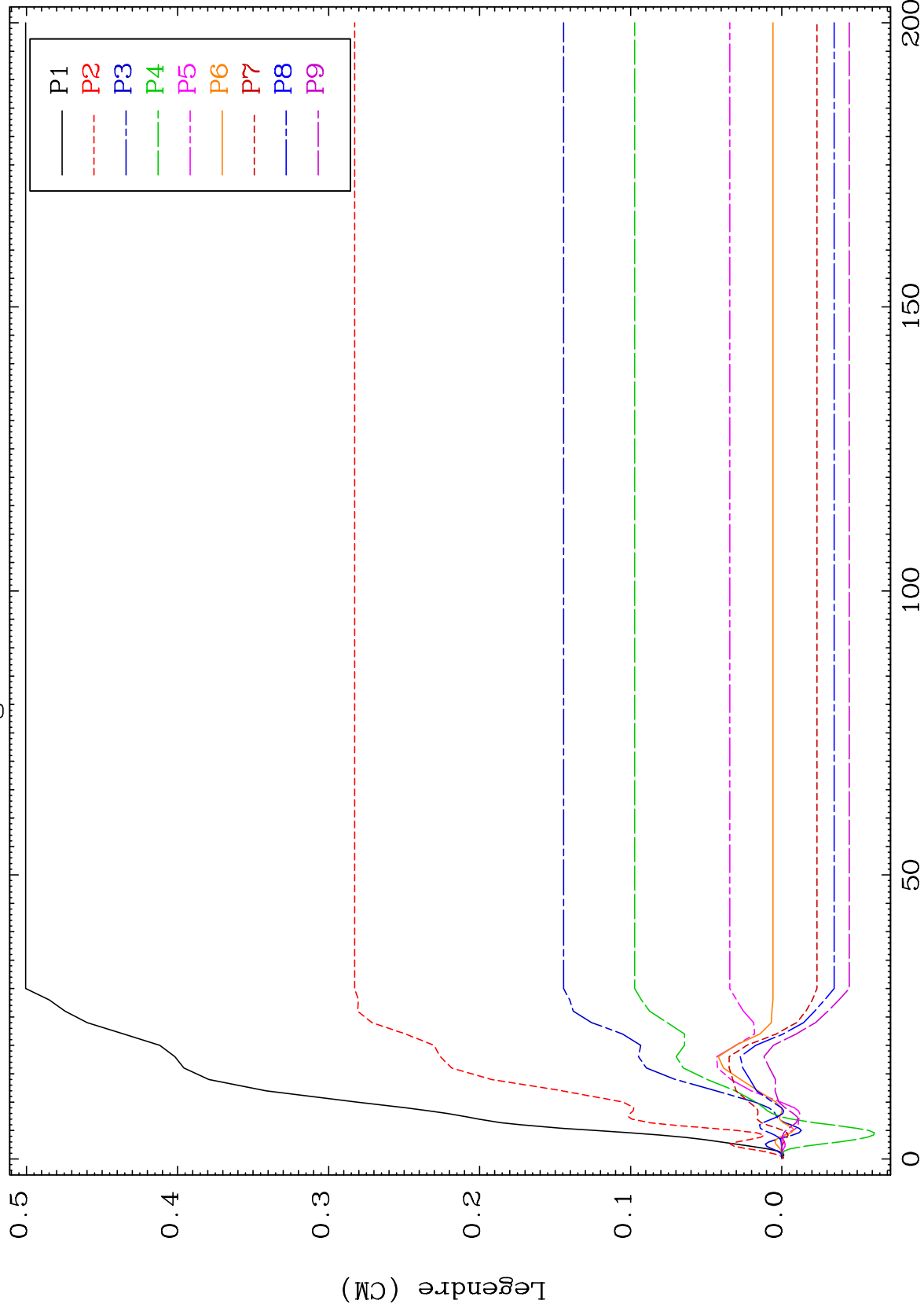
Incident Energy (MeV)

57-La-136

MAT 5719

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

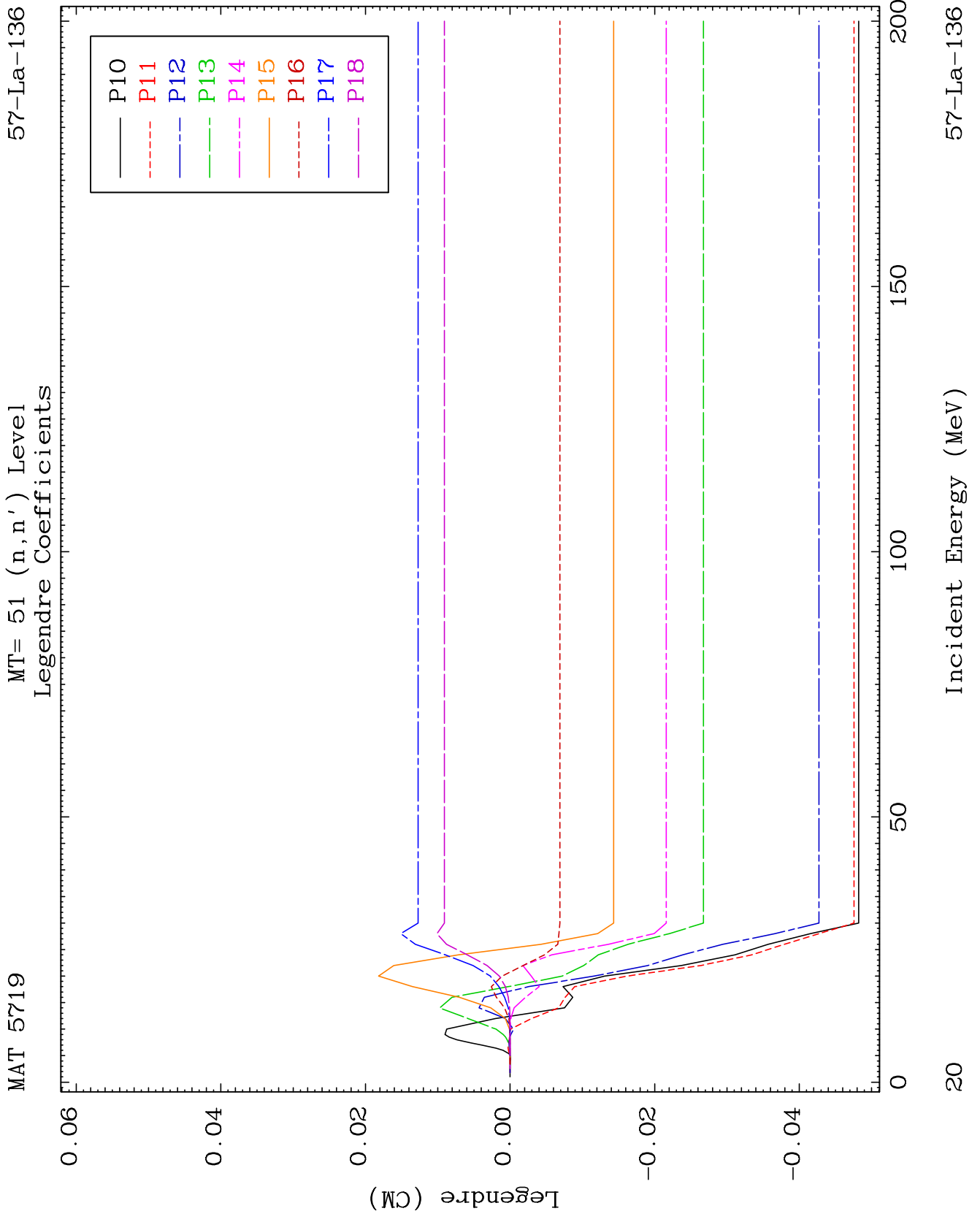
57-La-136



57-La-136

Incident Energy (MeV)

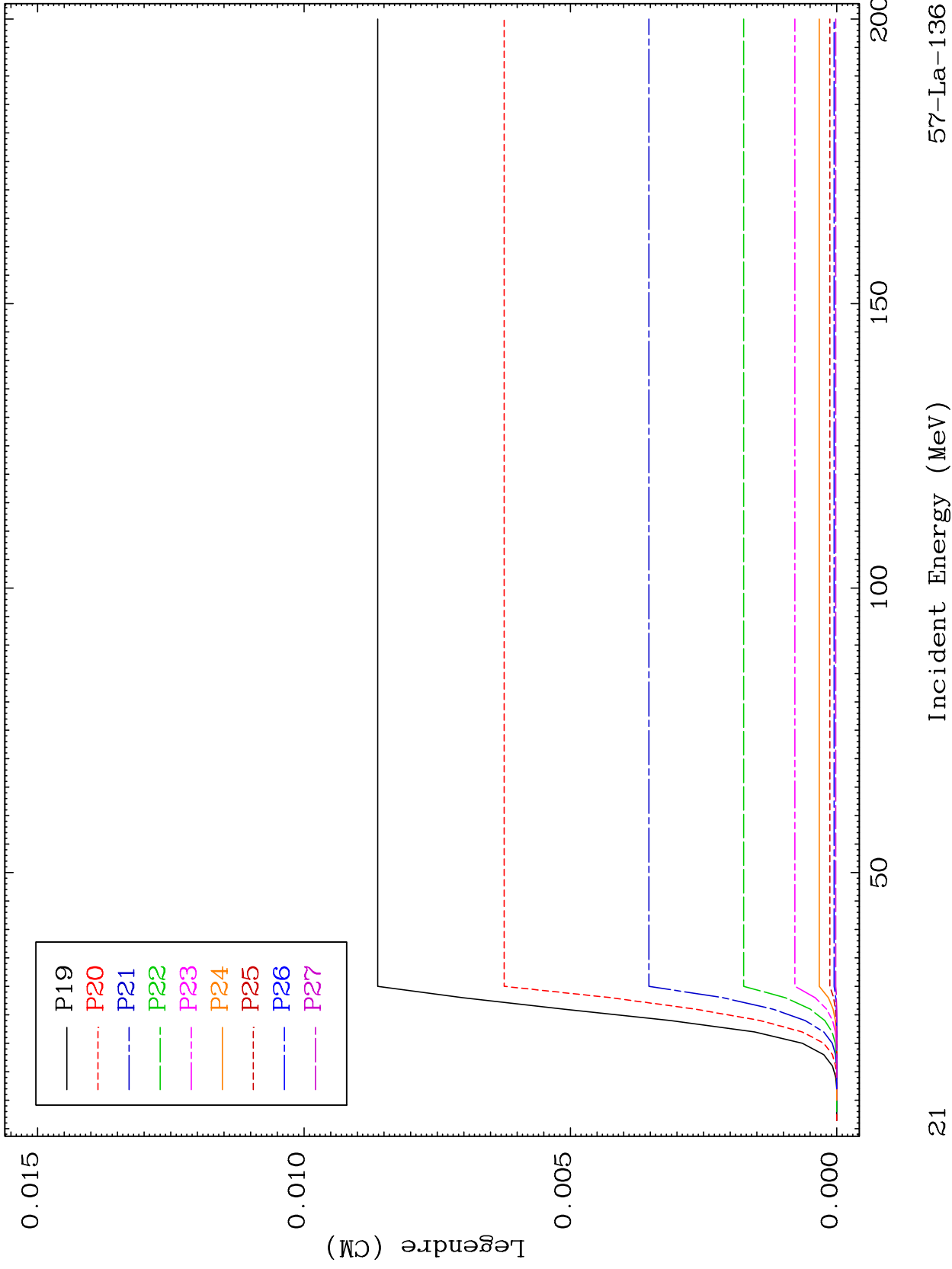
19



MAT 5719

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

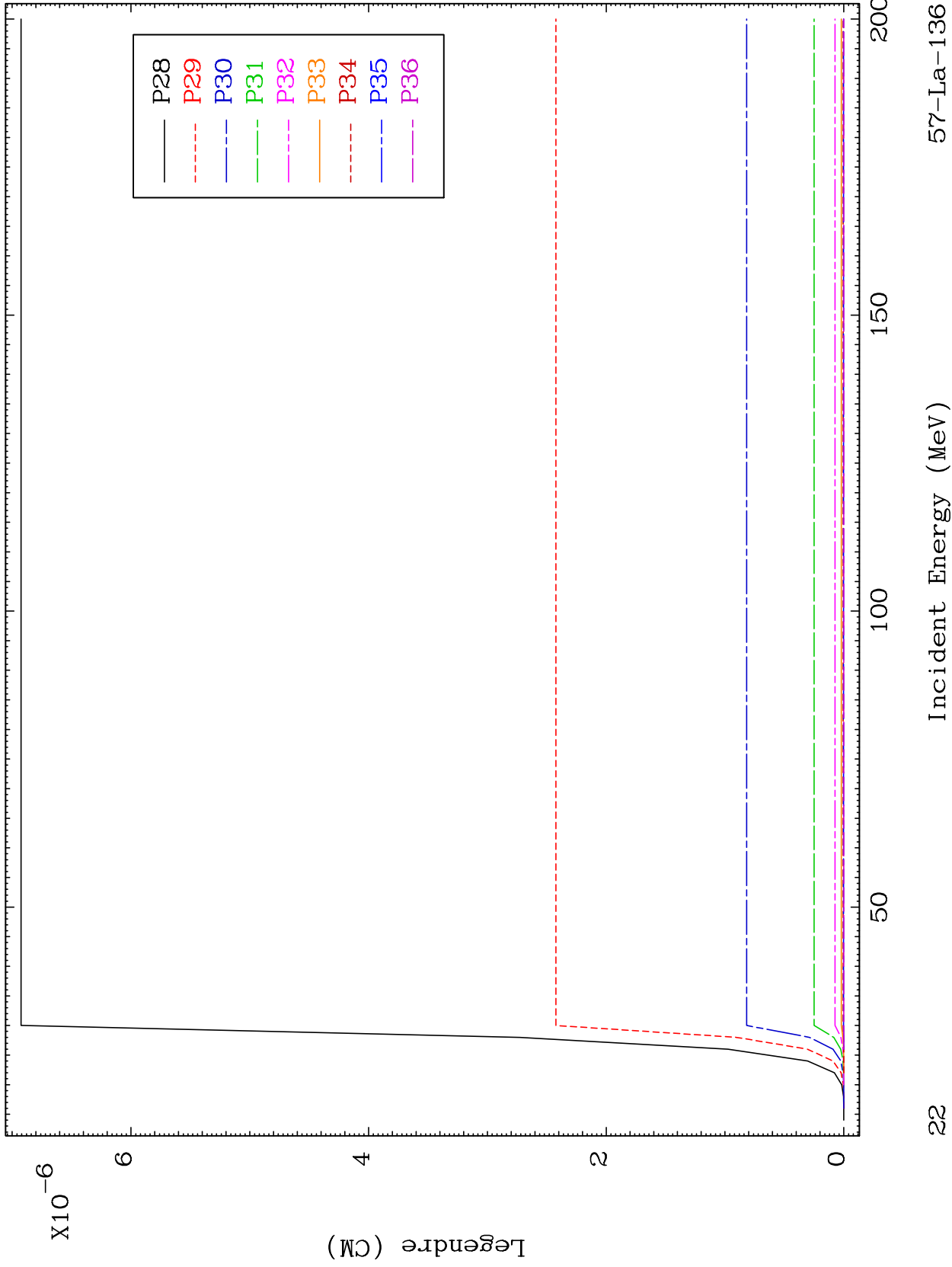
57-La-136



MAT 5719

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

57-La-136



22

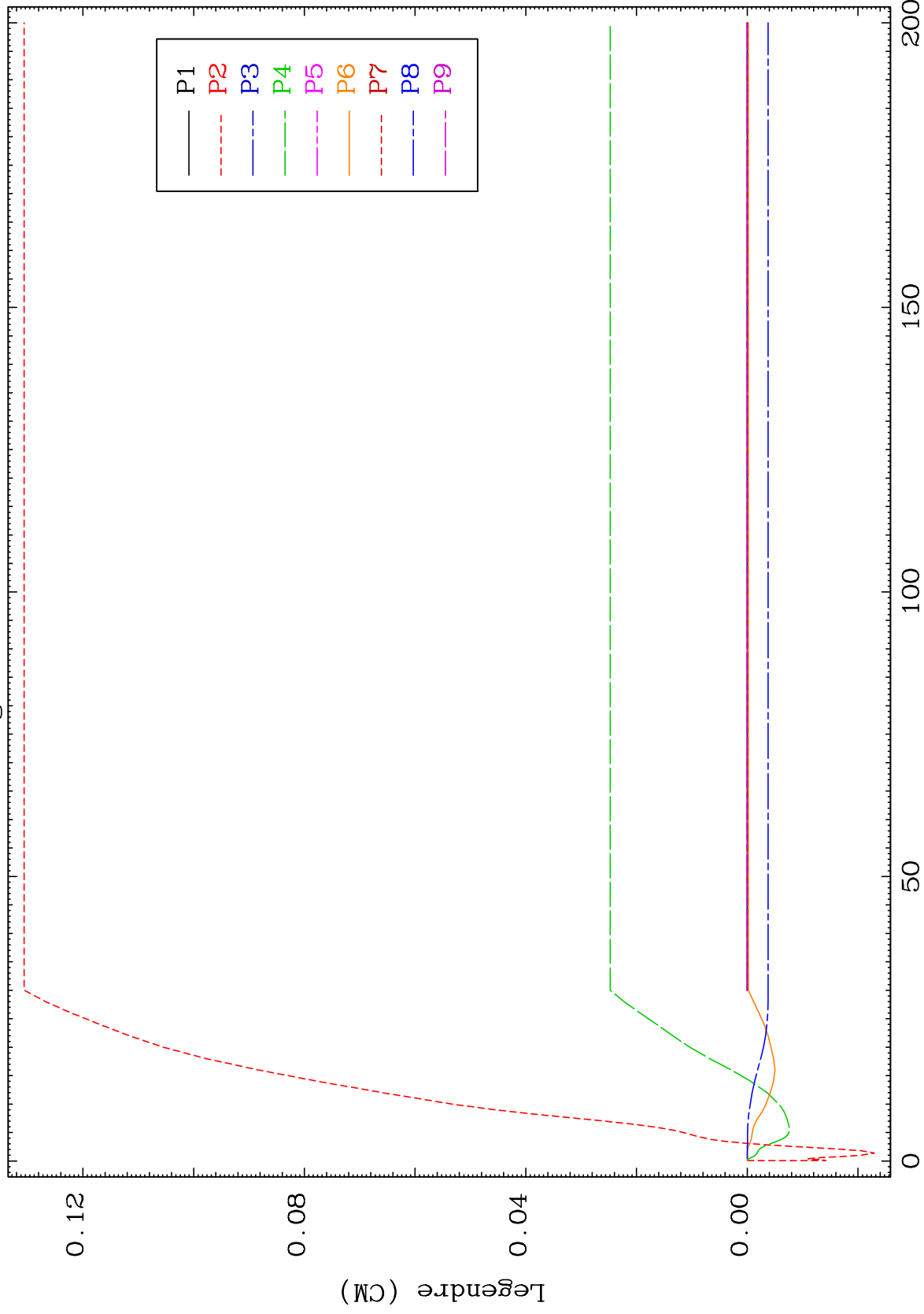
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136



23

Incident Energy (MeV)

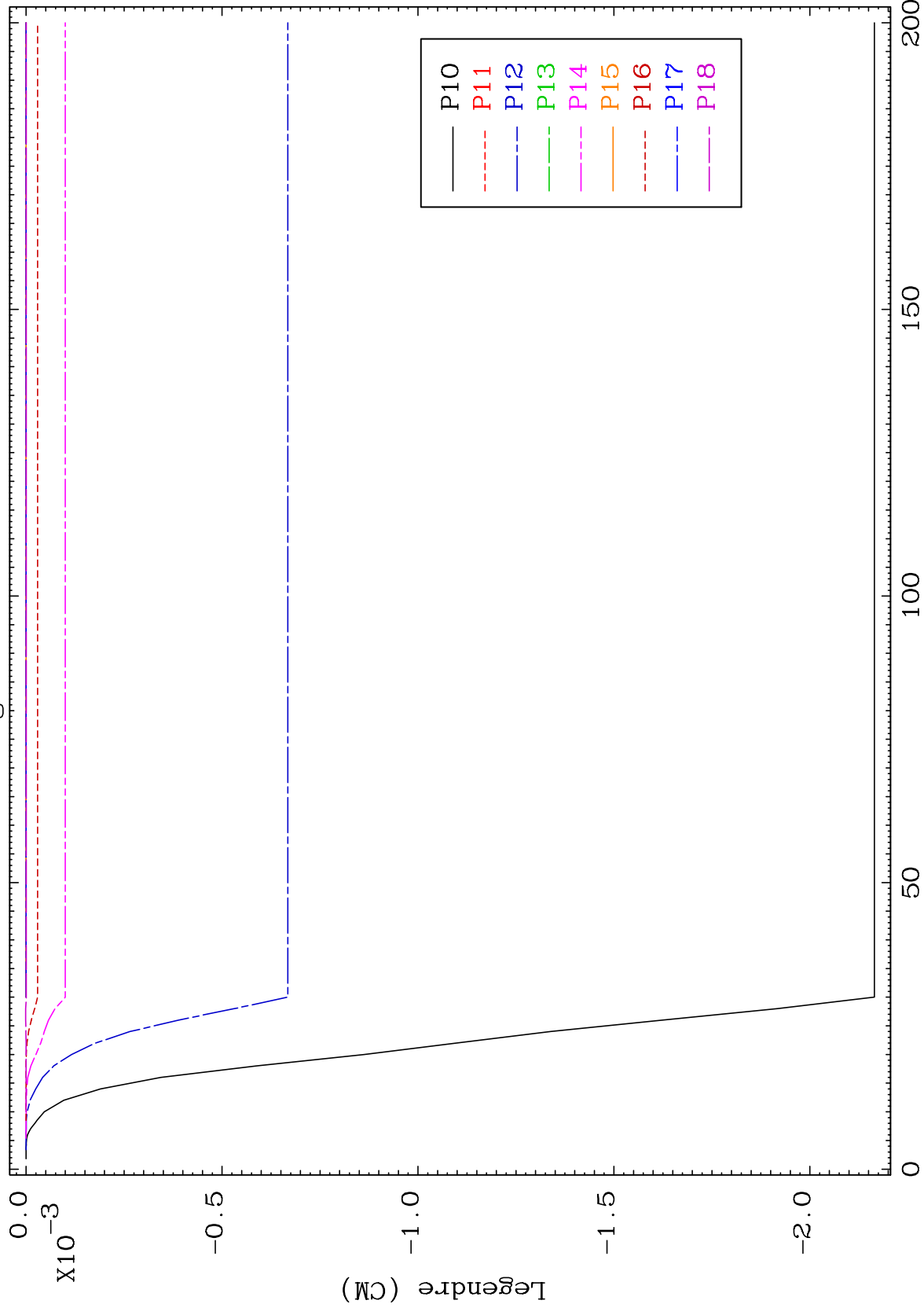
57-La-136



MAT 5719

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

57-La-136



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Incident Energy (MeV)

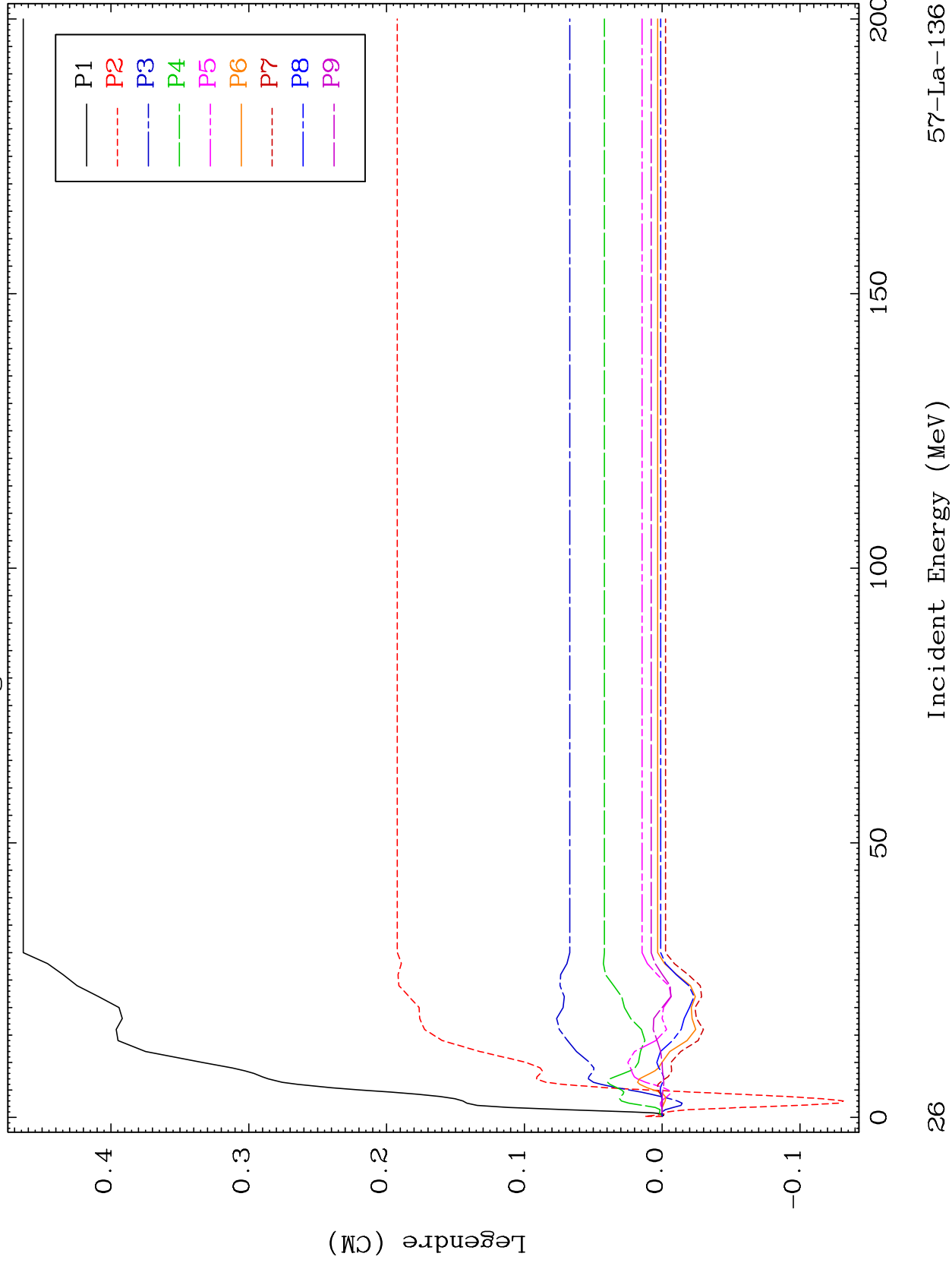
57-La-136



MAT 5719

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

57-La-136



57-La-136

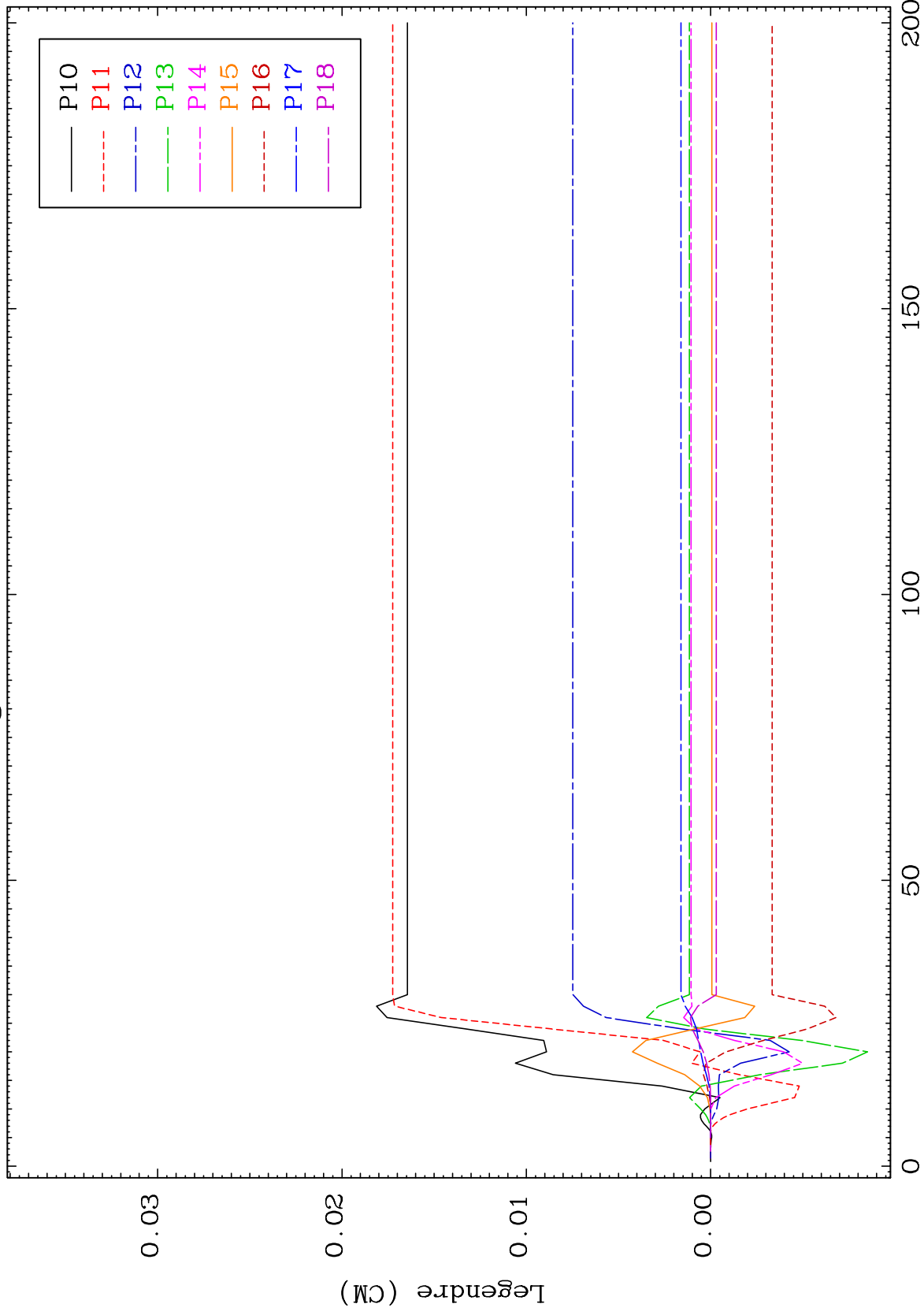
Incident Energy (MeV)

26

MAT 5719

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

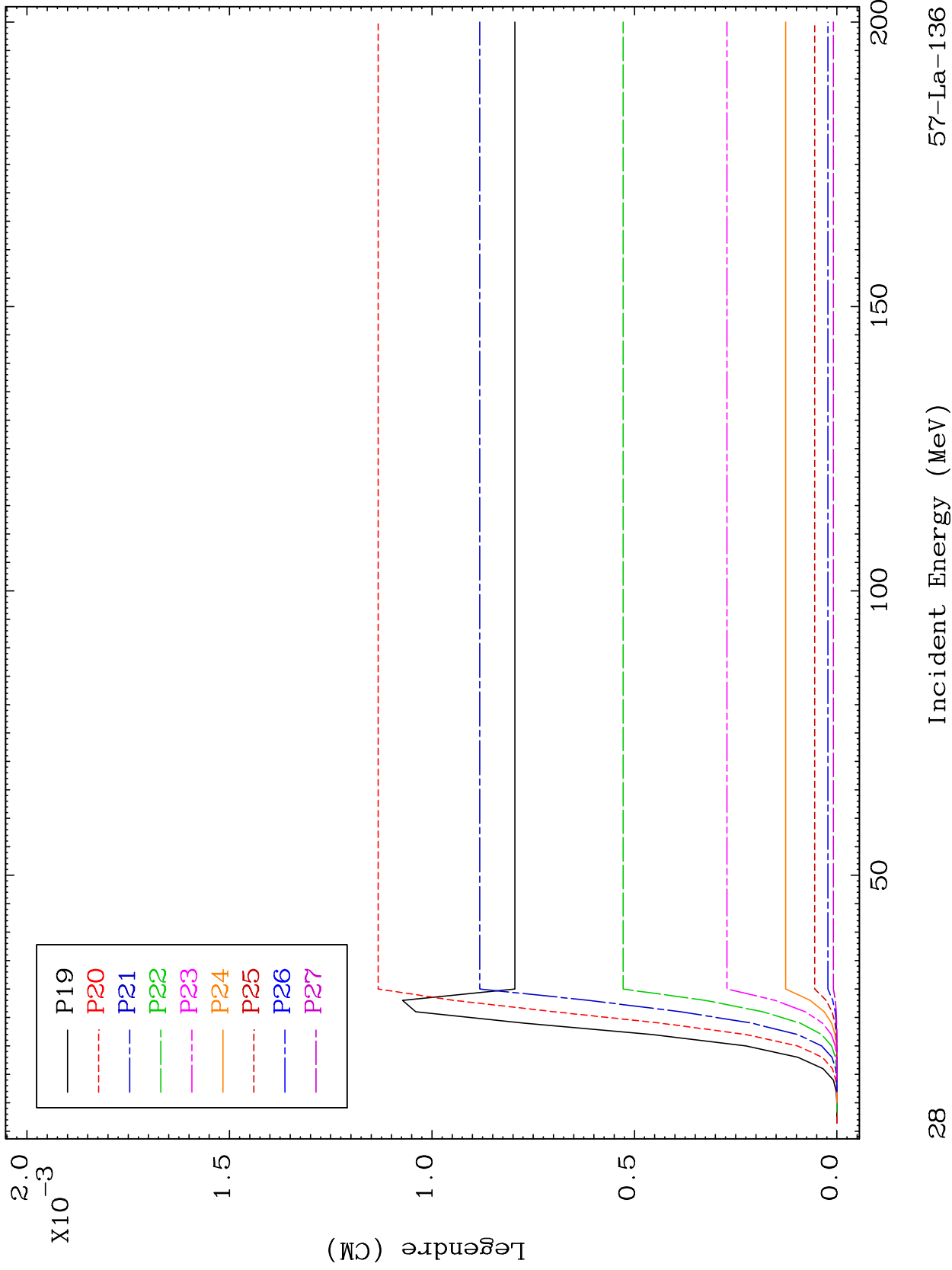
57-La-136



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Incident Energy (MeV)

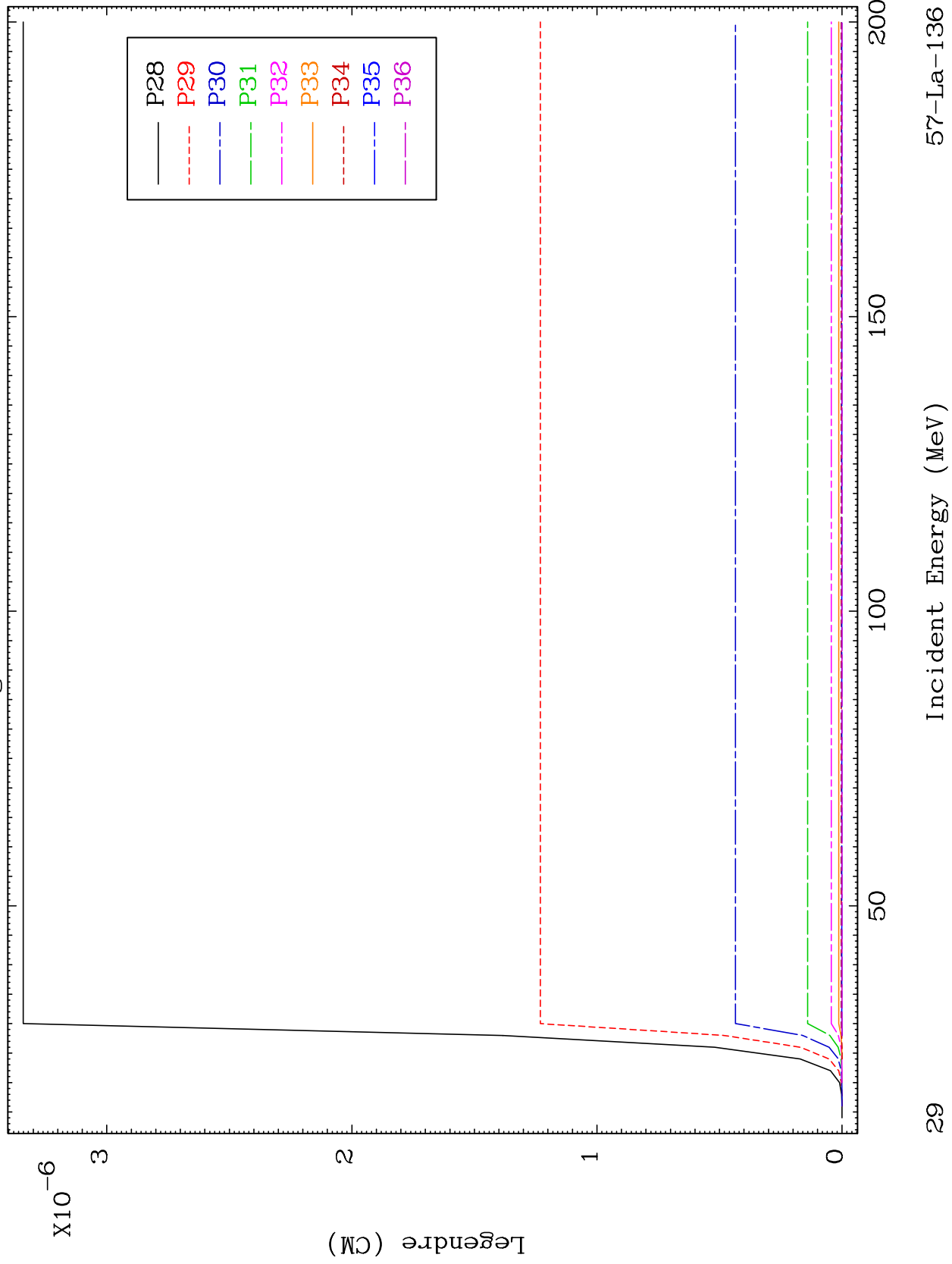
57-La-136



MAT 5719

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

57-La-136



29

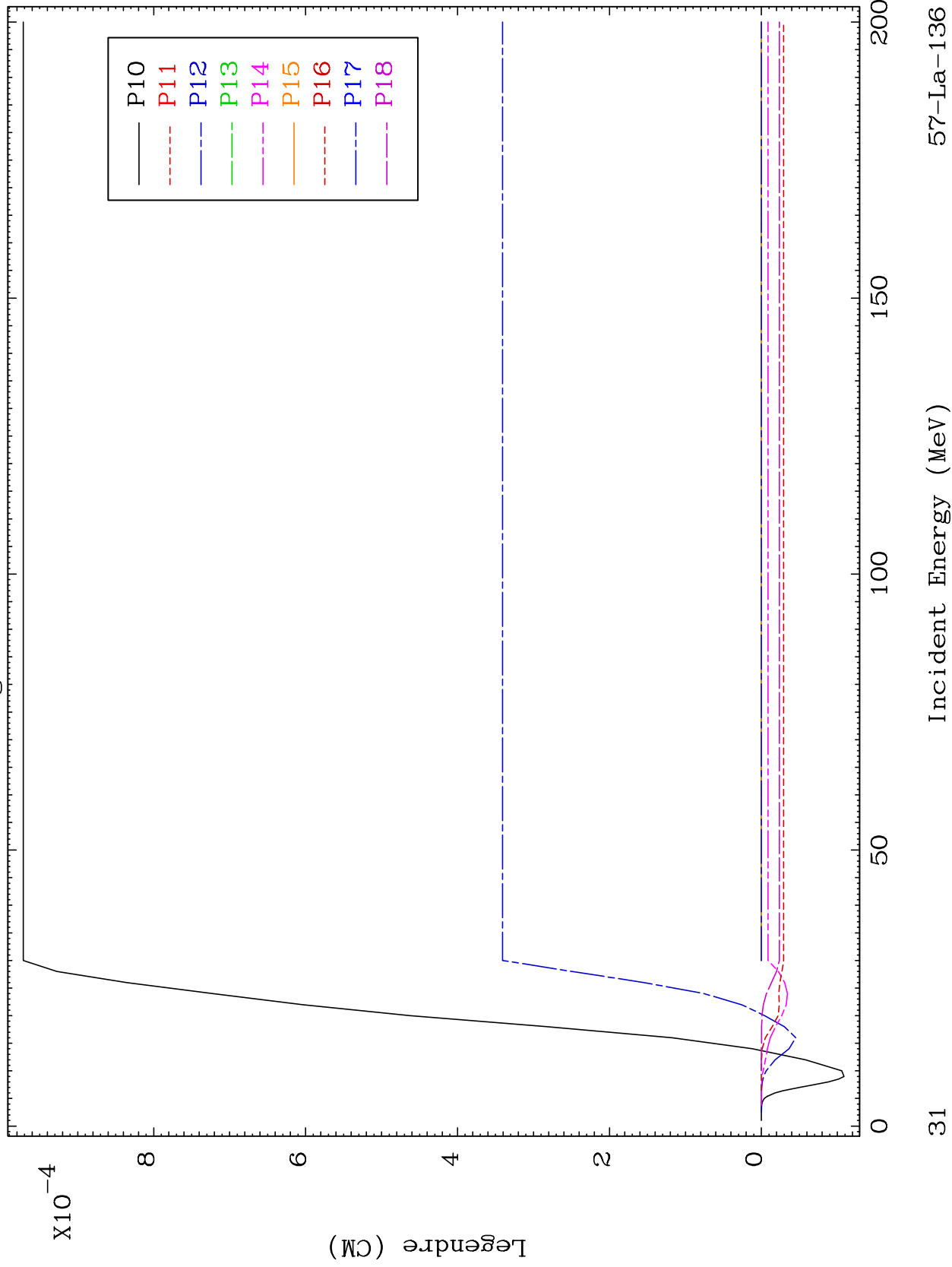
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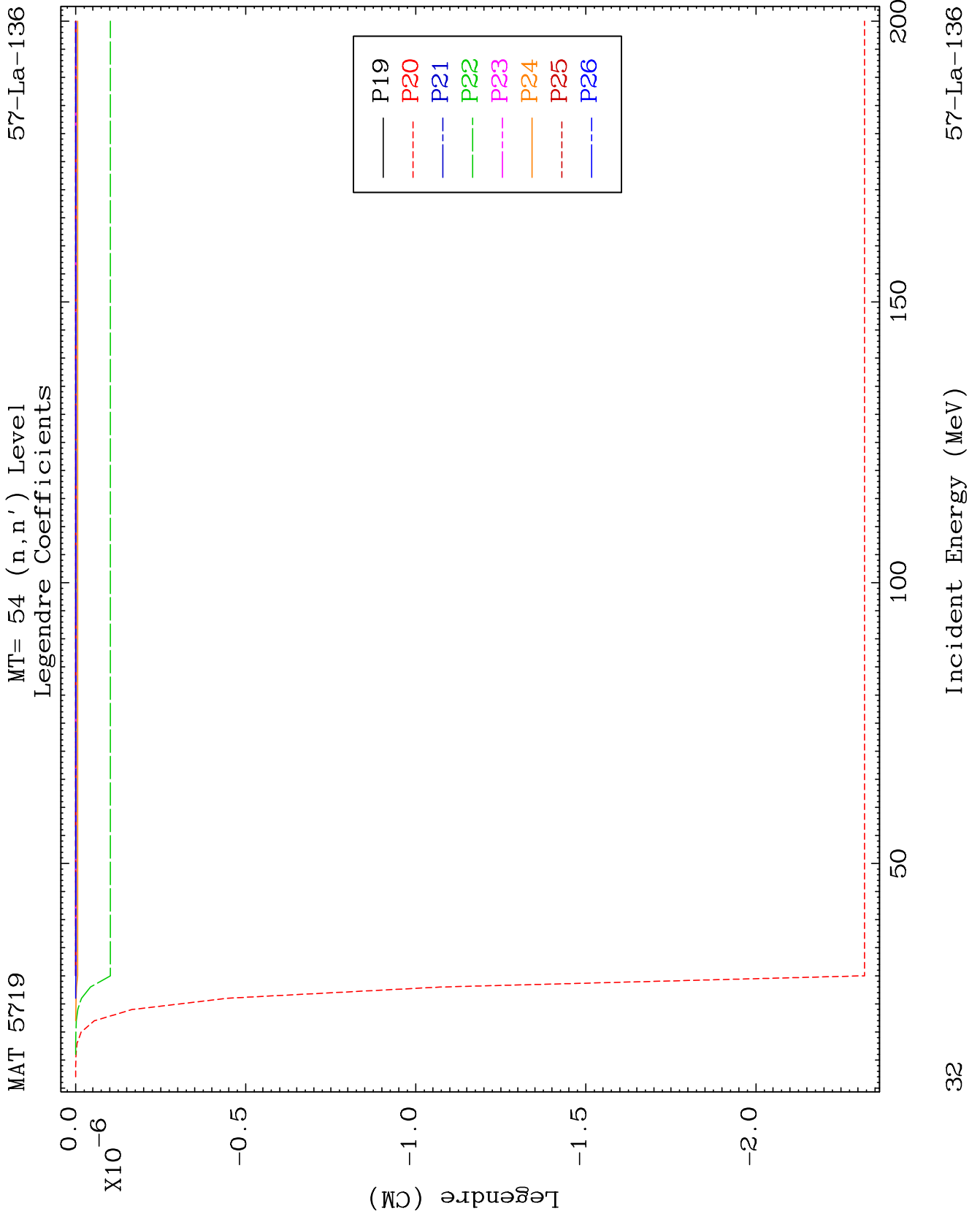
MAT 5719

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

57-La-136



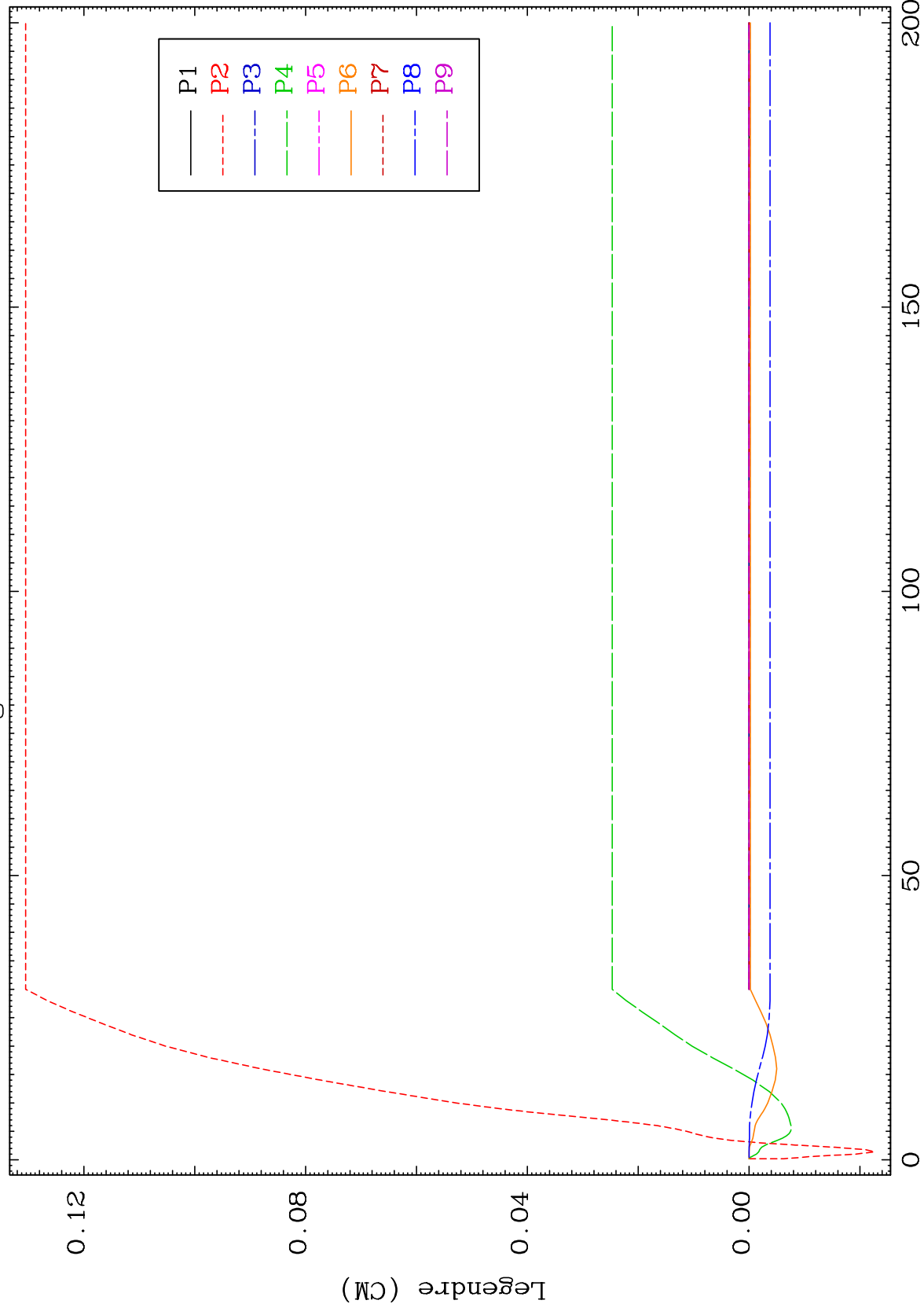




MAT 5719

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

57-La-136



33

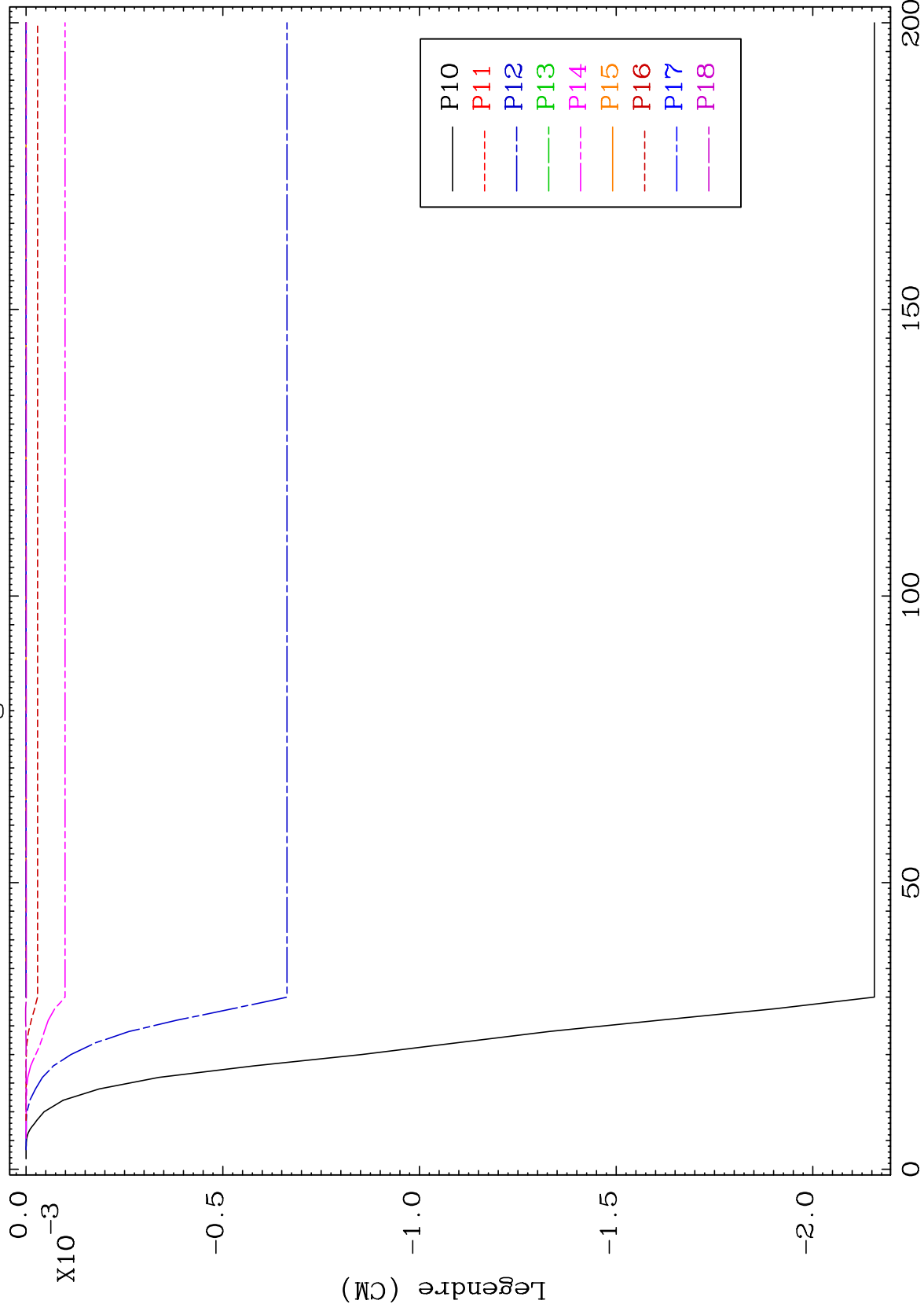
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136



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Incident Energy (MeV)

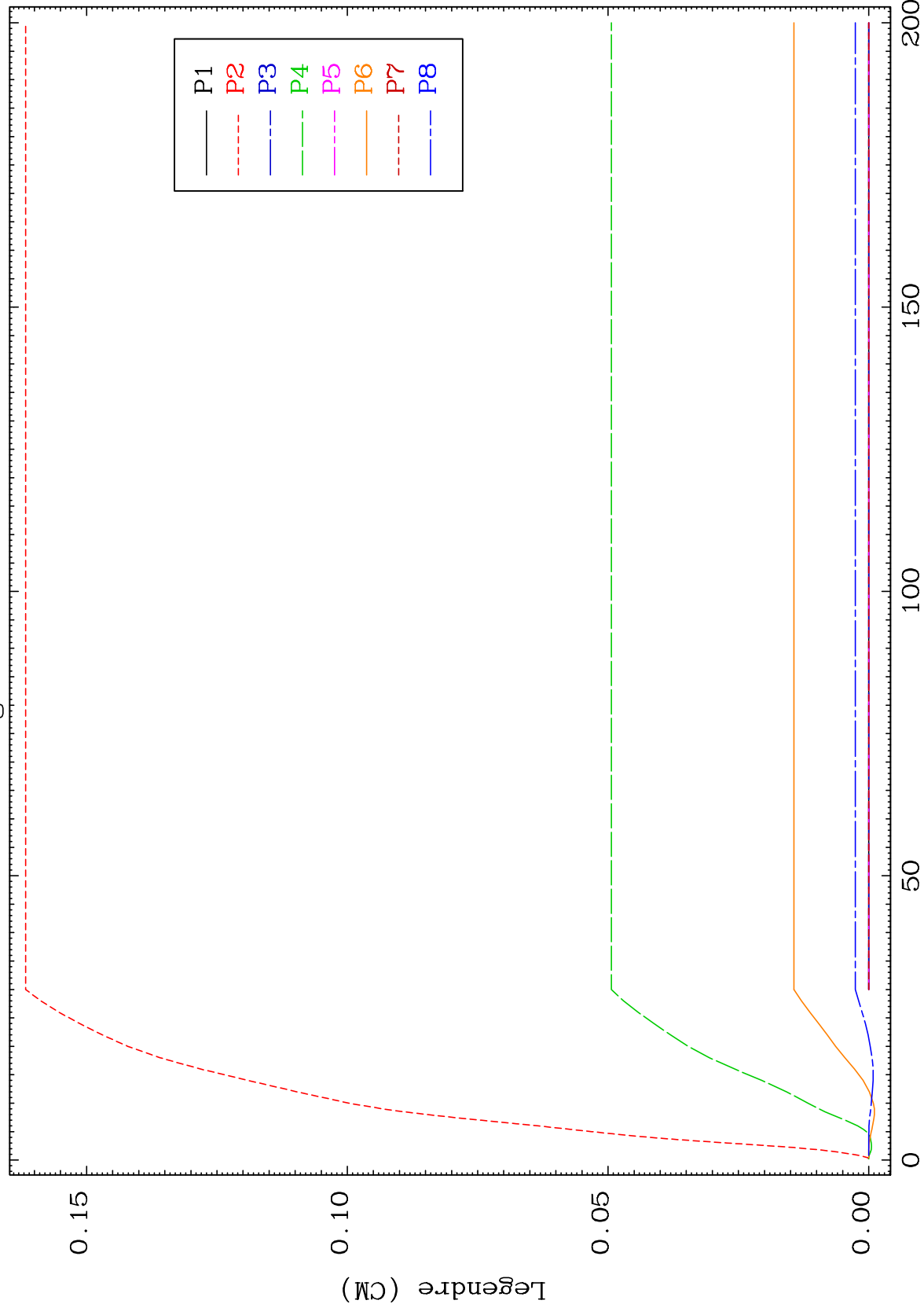
57-La-136



MAT 5719

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

57-La-136



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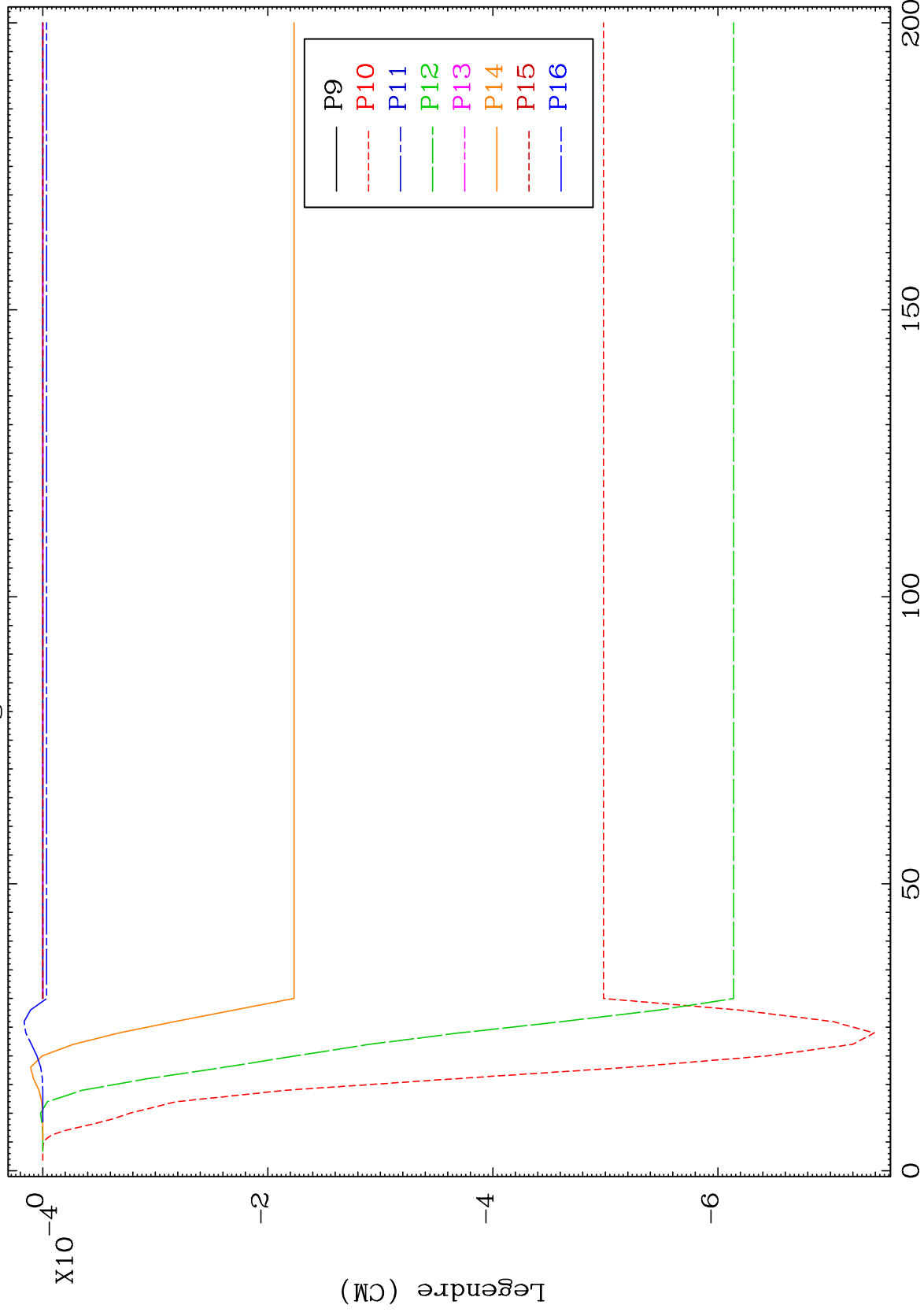
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136



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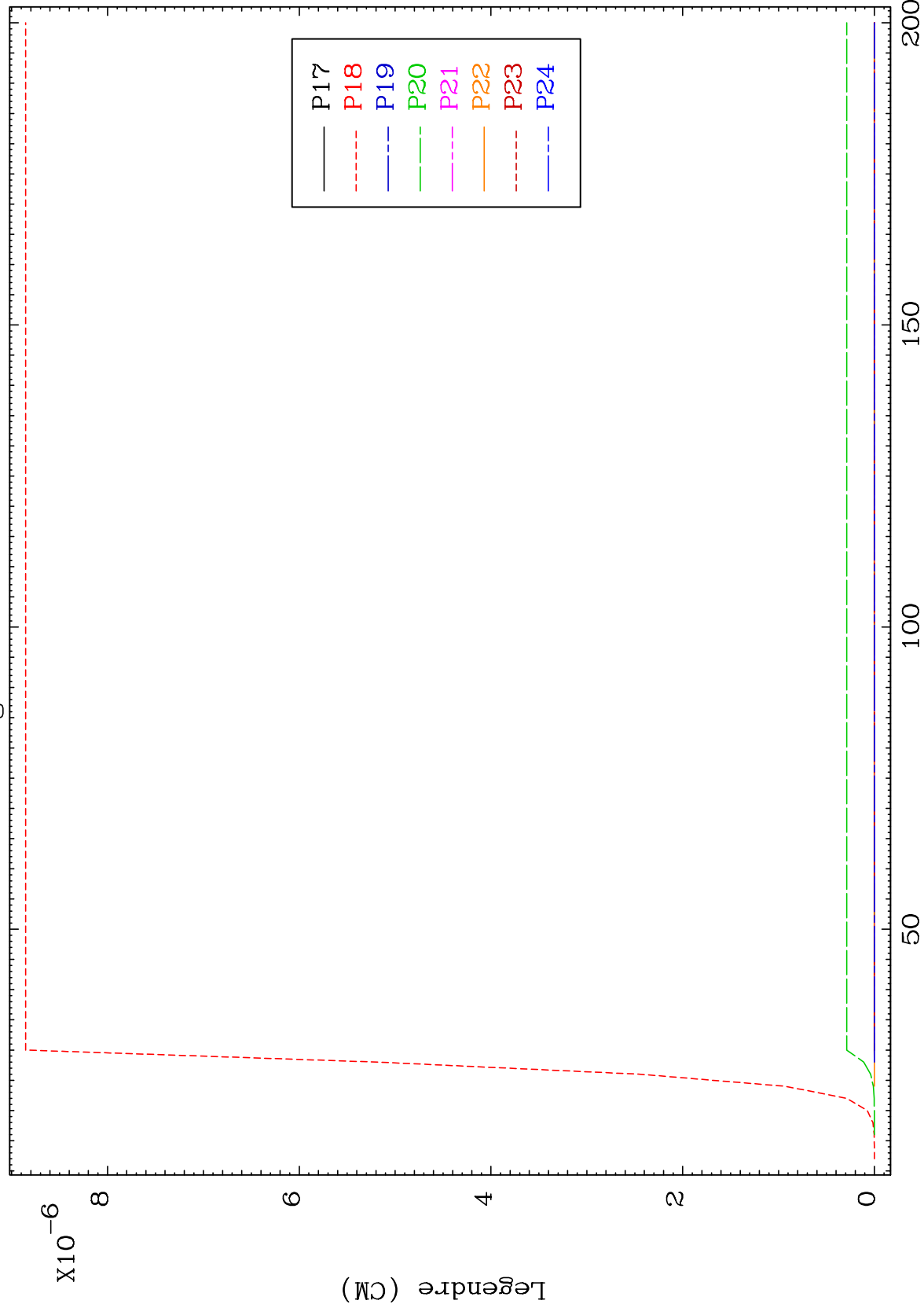
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136



57-La-136

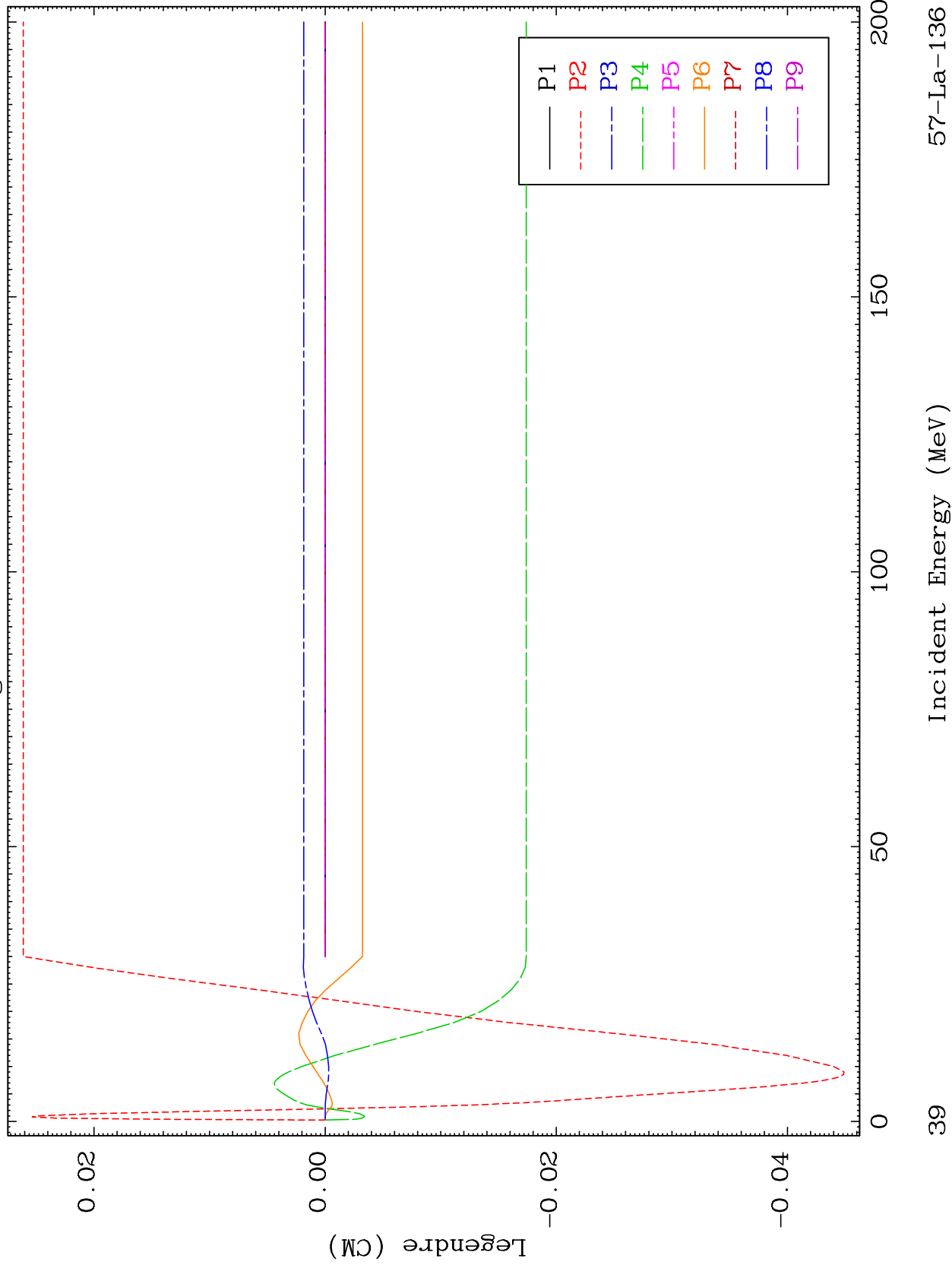
Incident Energy (MeV)

38

MAT 5719

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

57-La-136



57-La-136

Incident Energy (MeV)

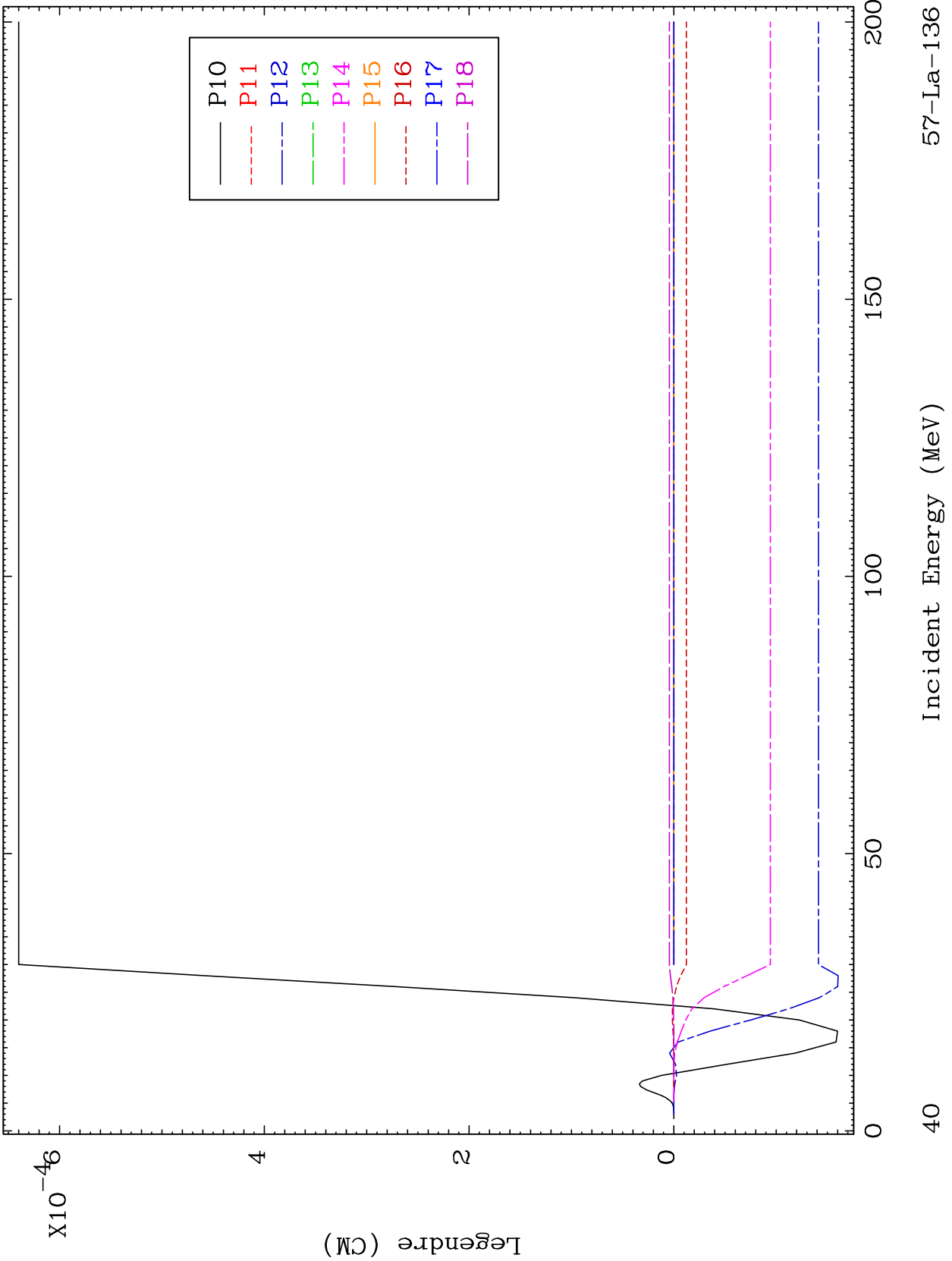
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MAT 5719

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

57-La-136

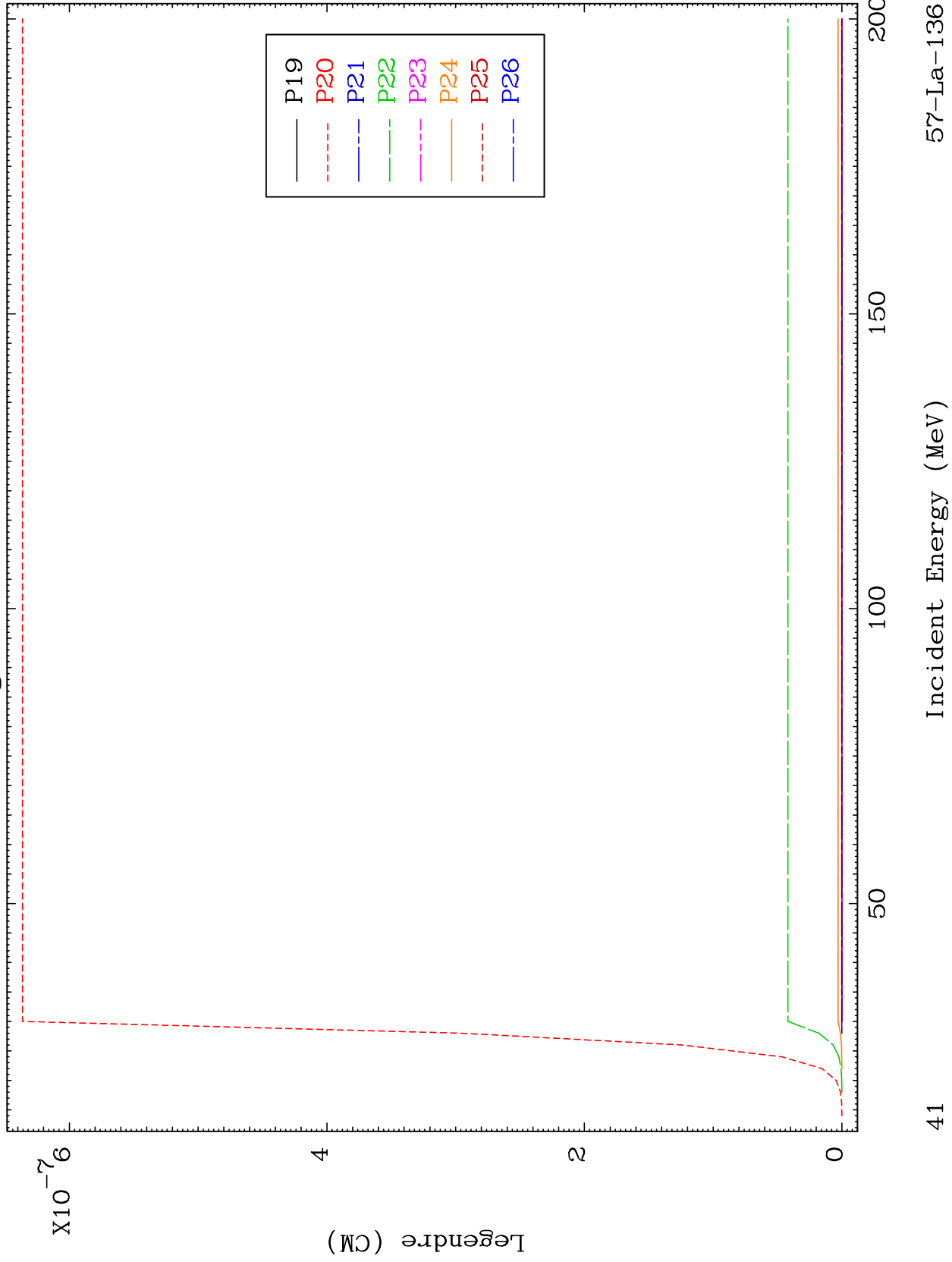


57-La-136

MAT 5719

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

57-La-136

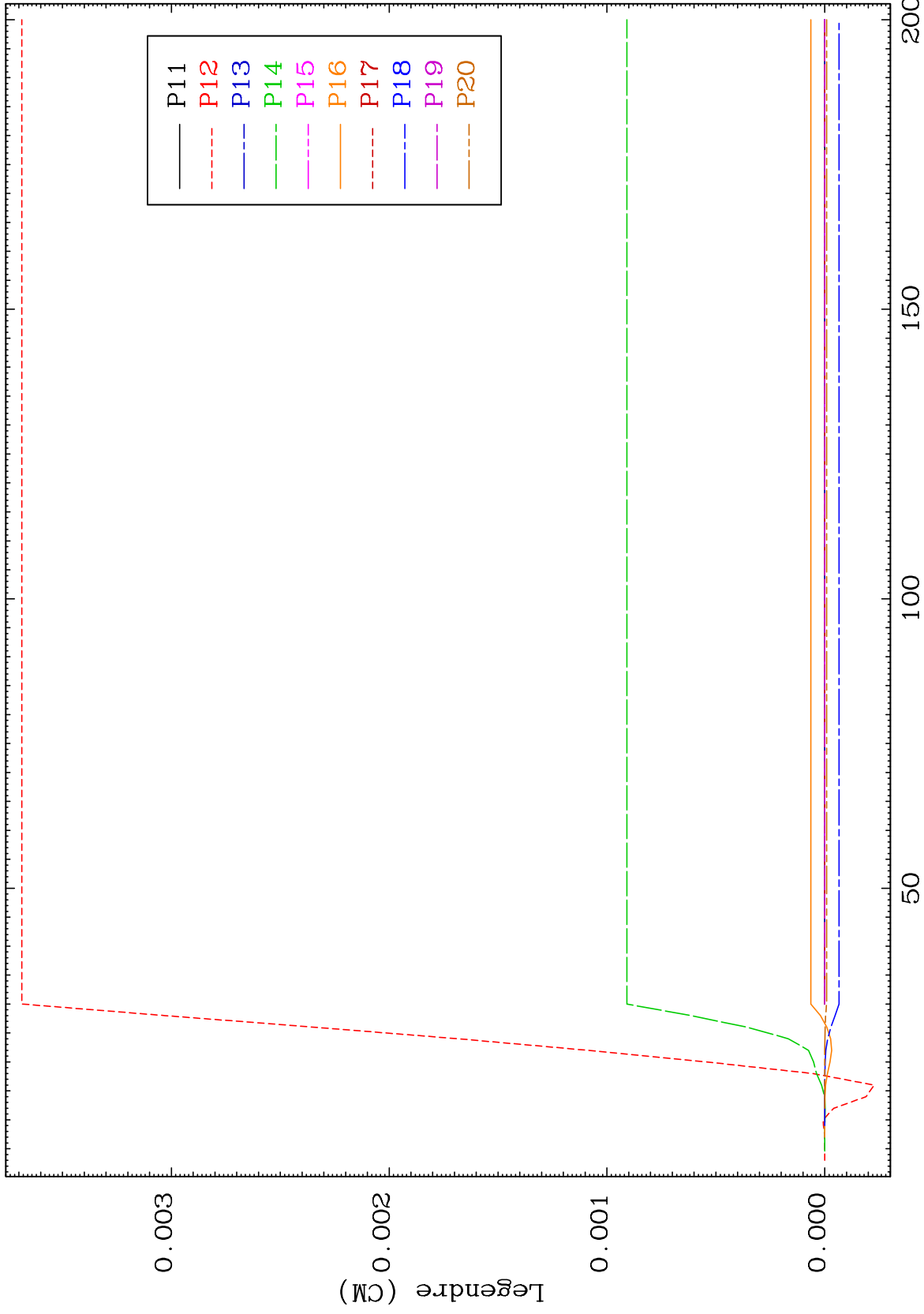




MAT 5719

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

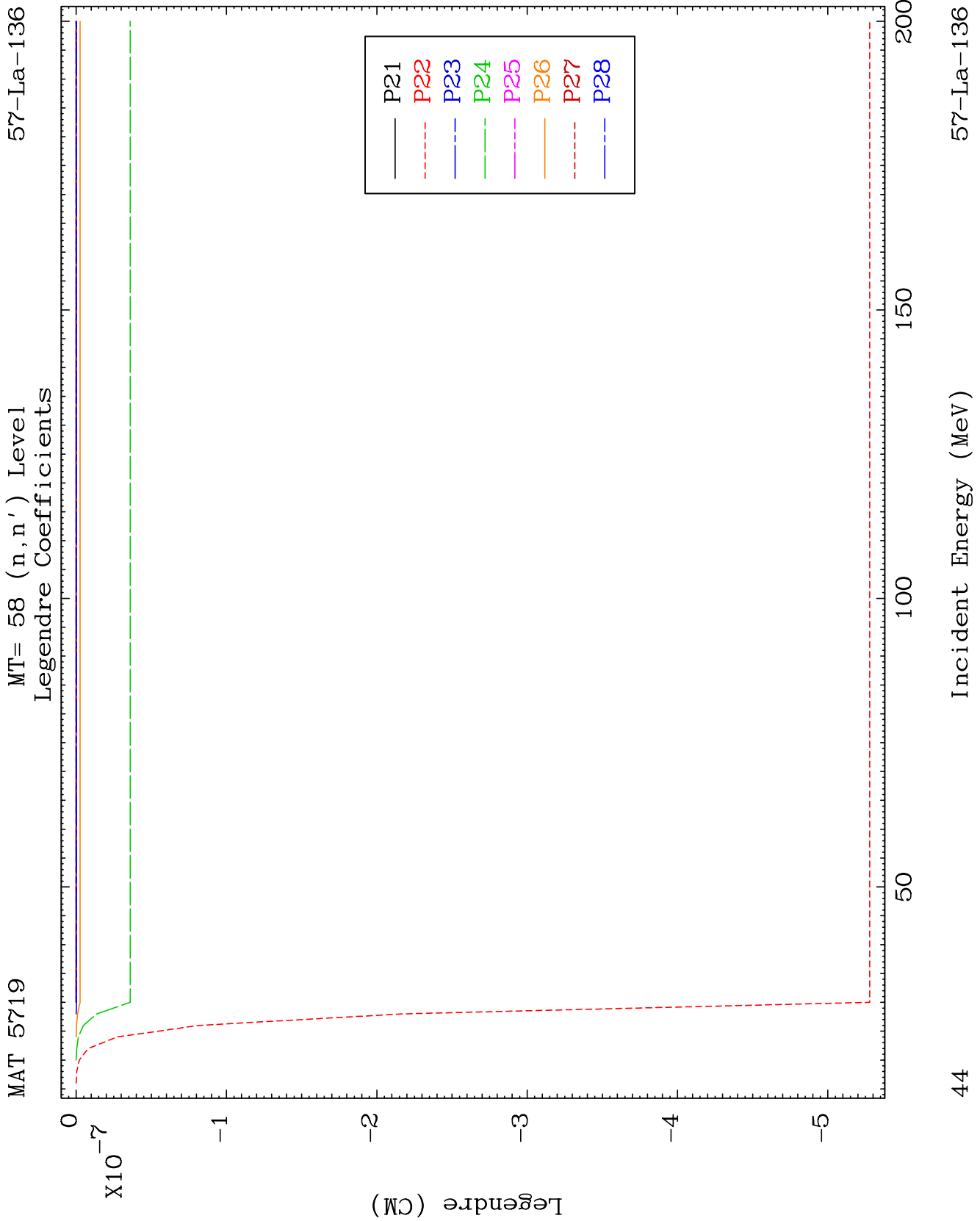
57-La-136



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Incident Energy (MeV)

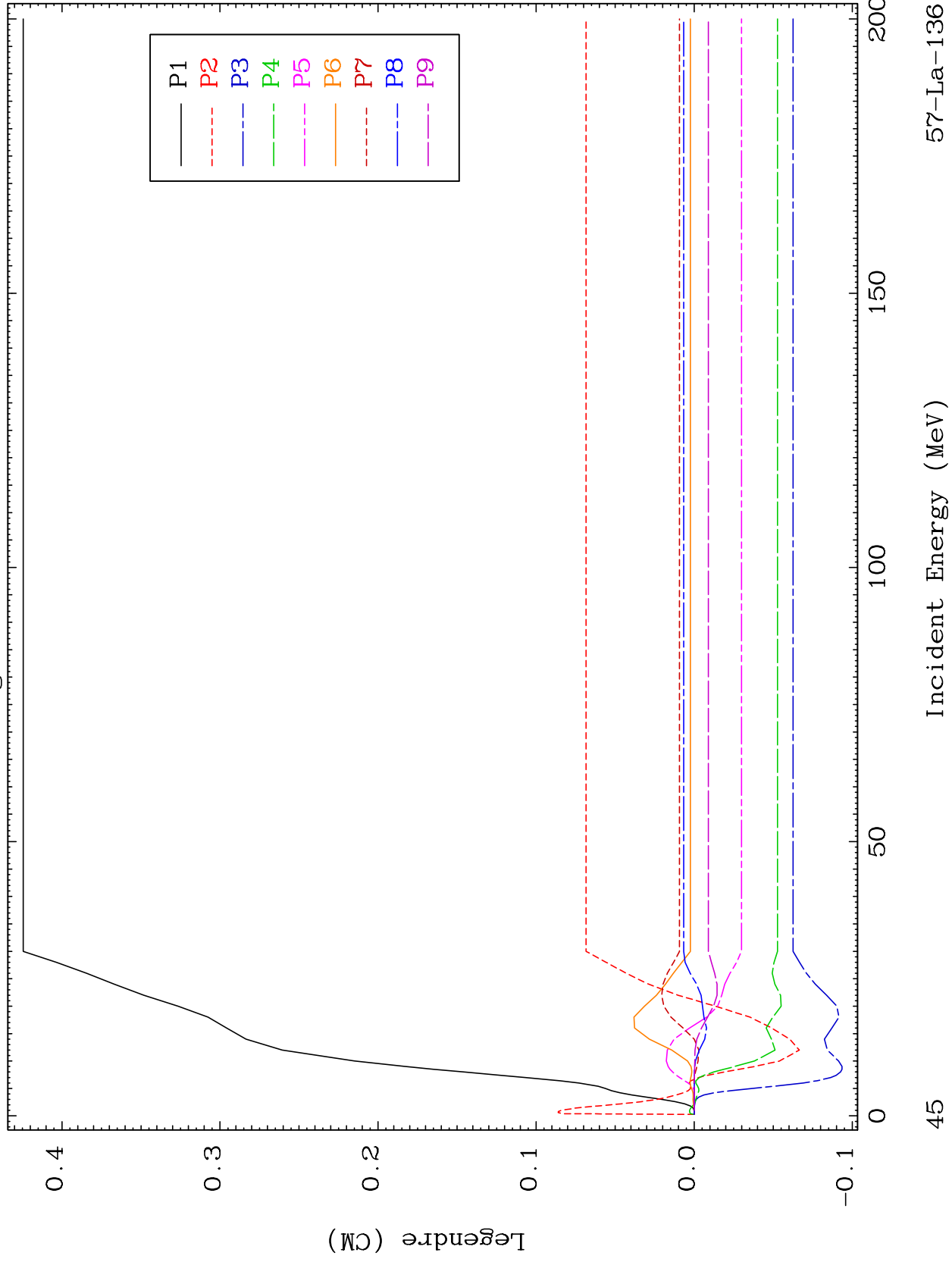
57-La-136



MAT 5719

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

57-La-136



57-La-136

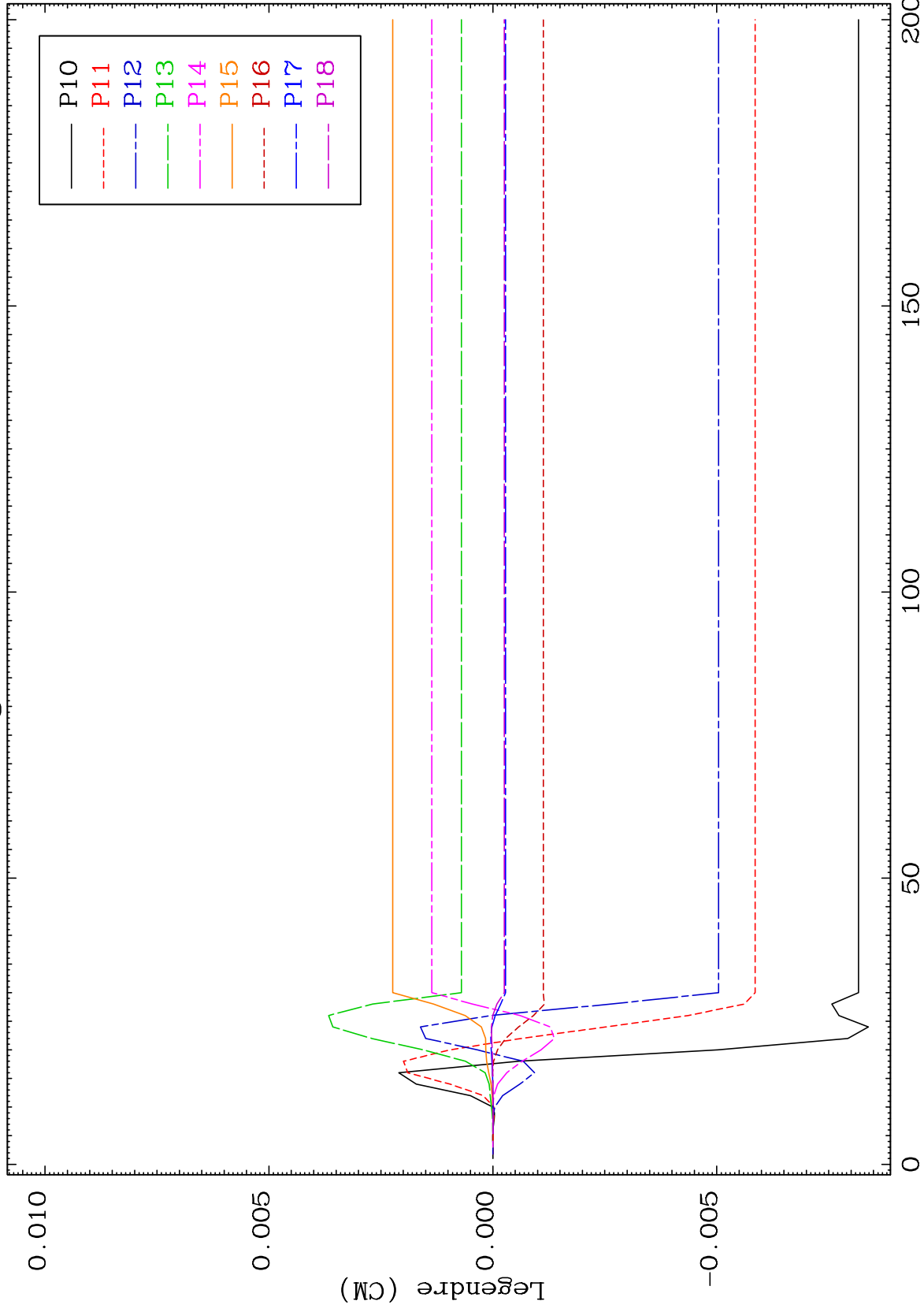
Incident Energy (MeV)

45

MAT 5719

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

57-La-136



46

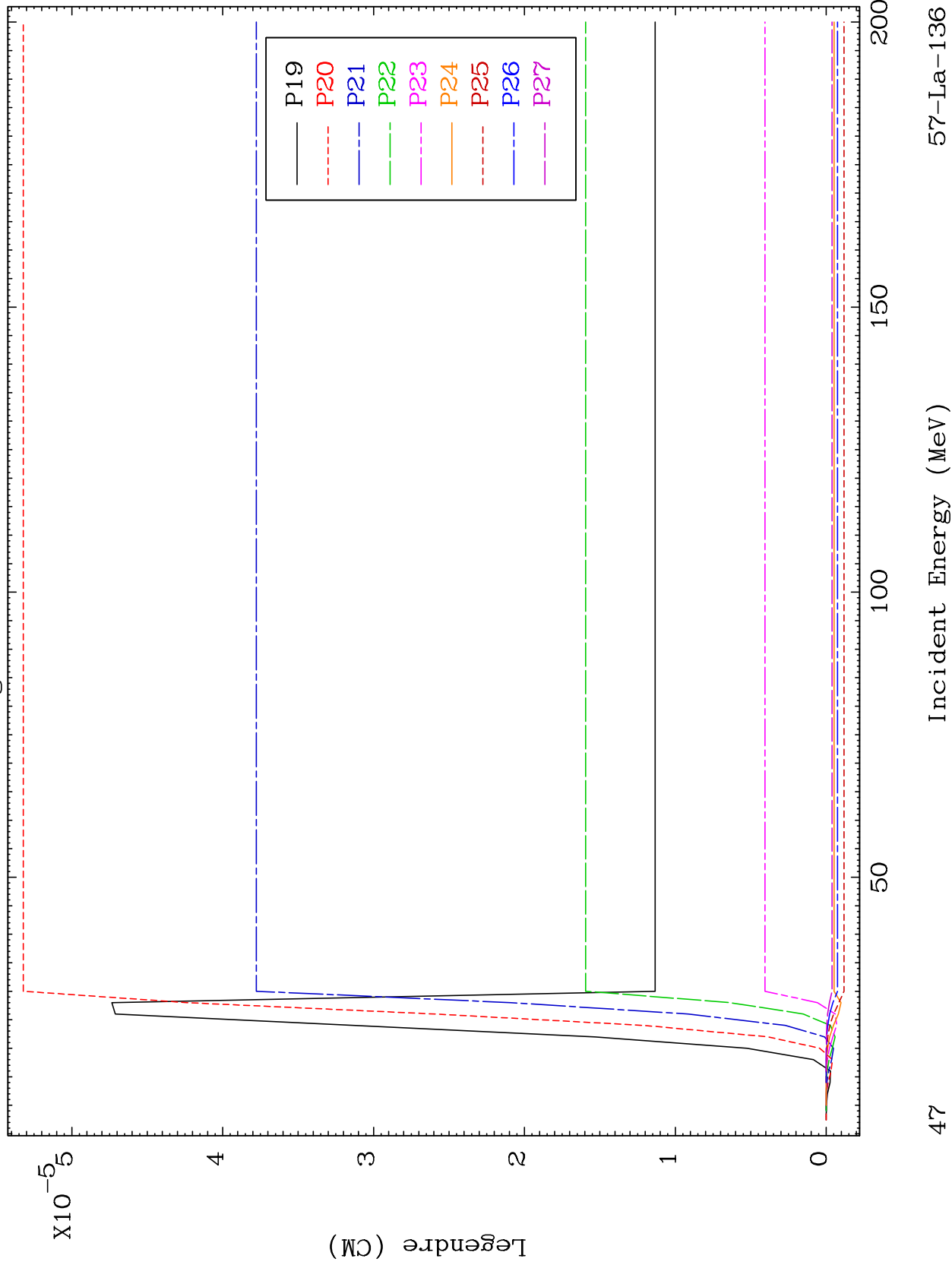
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136

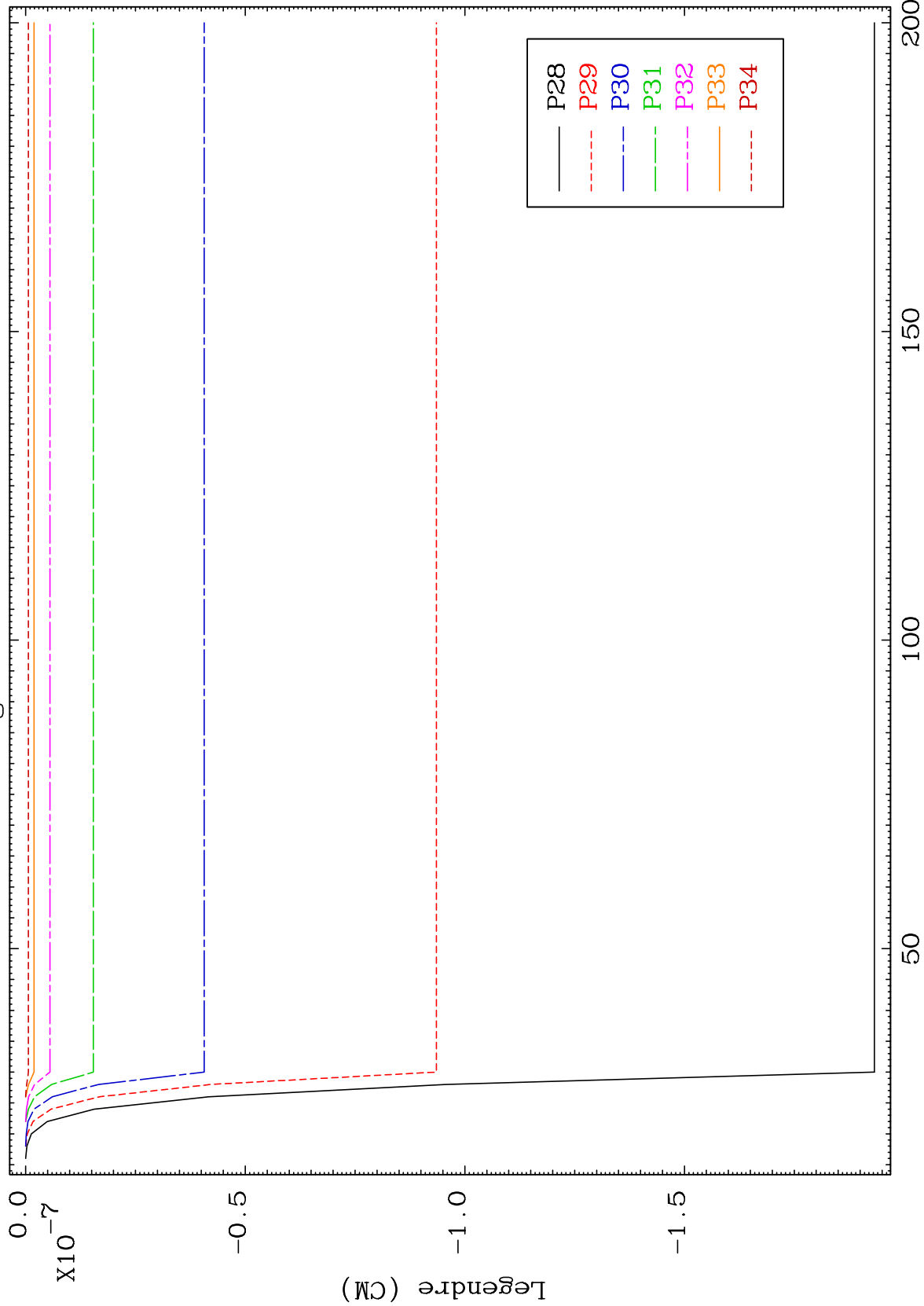




MAT 5719

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

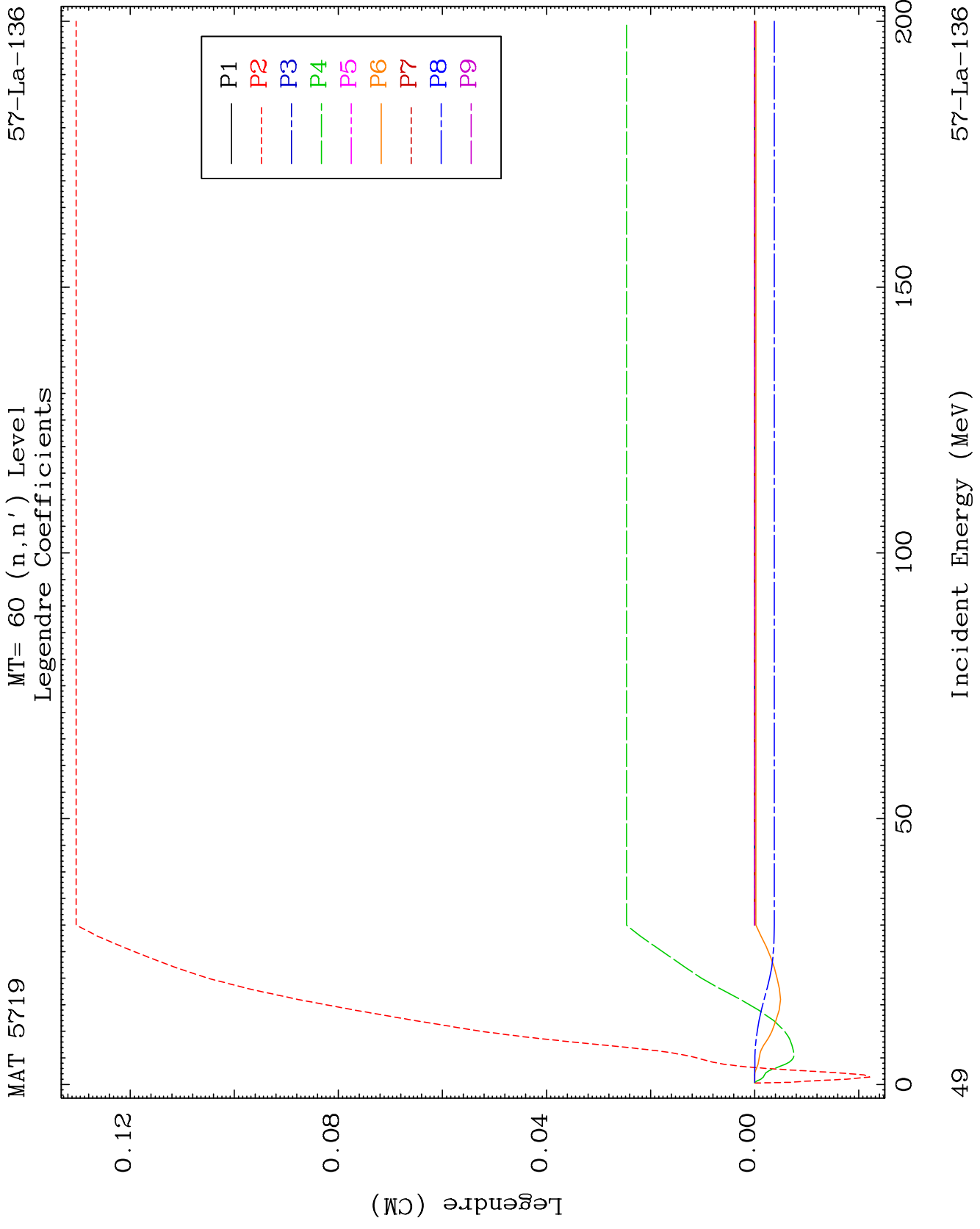
57-La-136



48

Incident Energy (MeV)

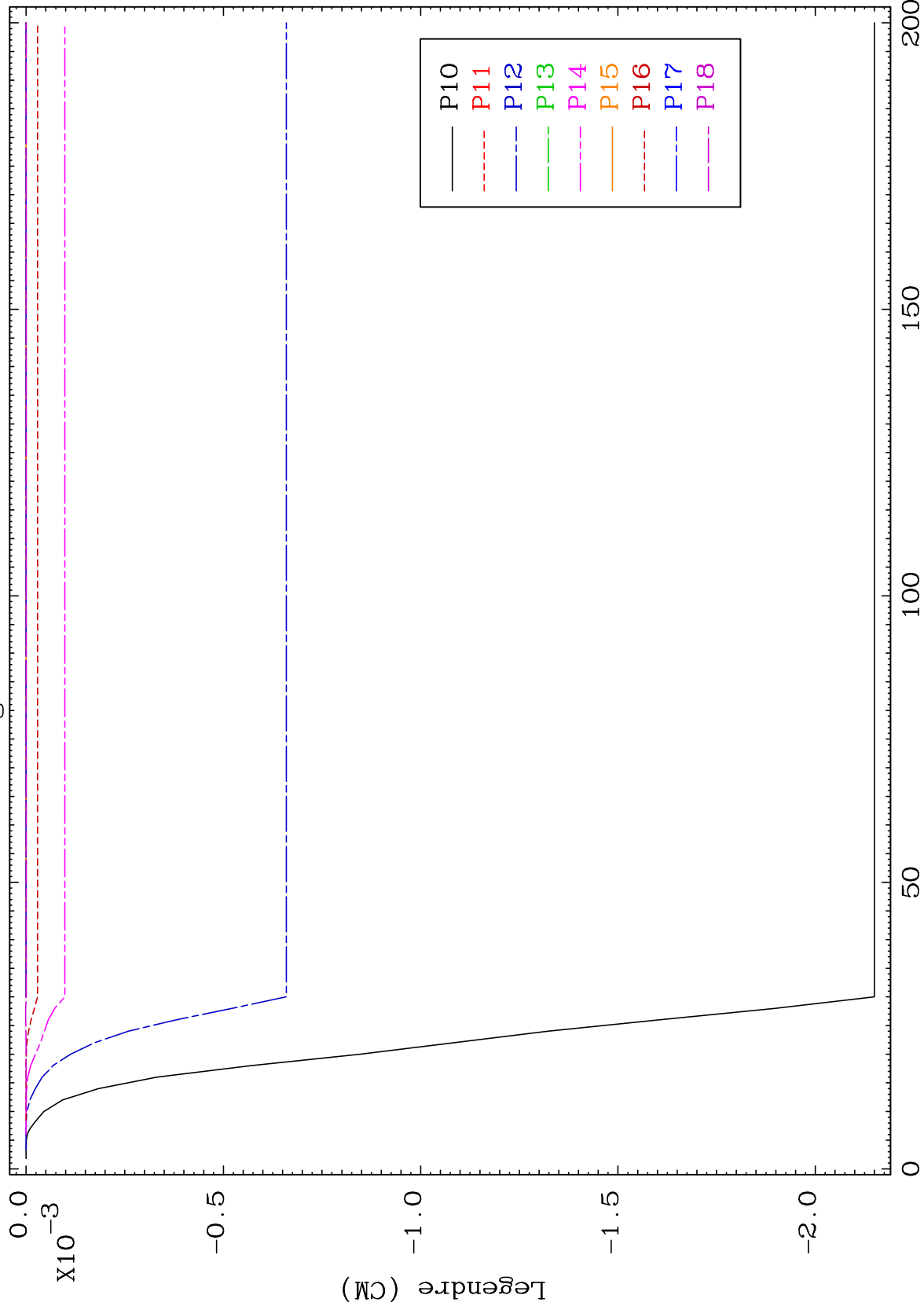
57-La-136



MAT 5719

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

57-La-136



57-La-136

Incident Energy (MeV)

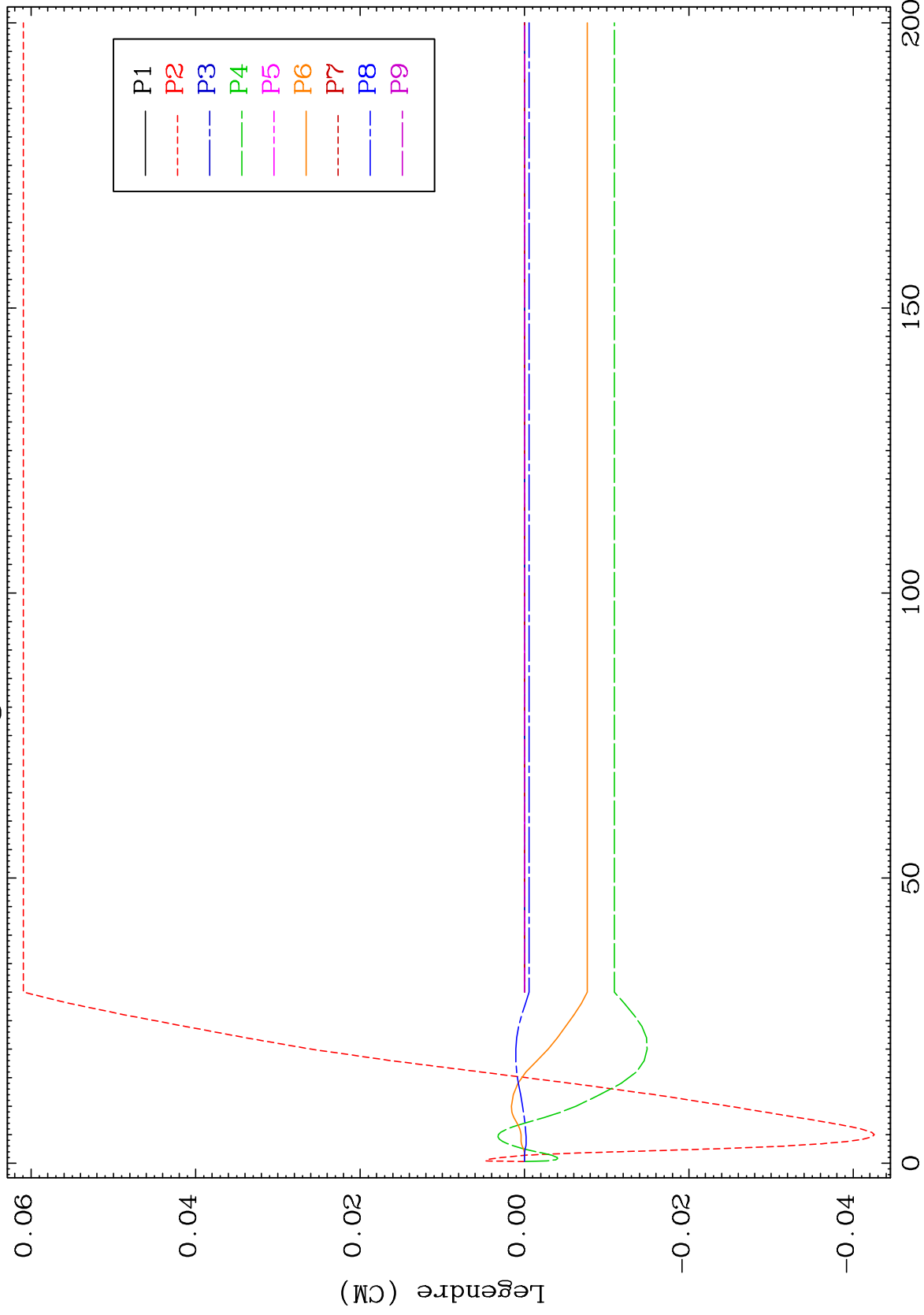
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MAT 5719

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

57-La-136



52

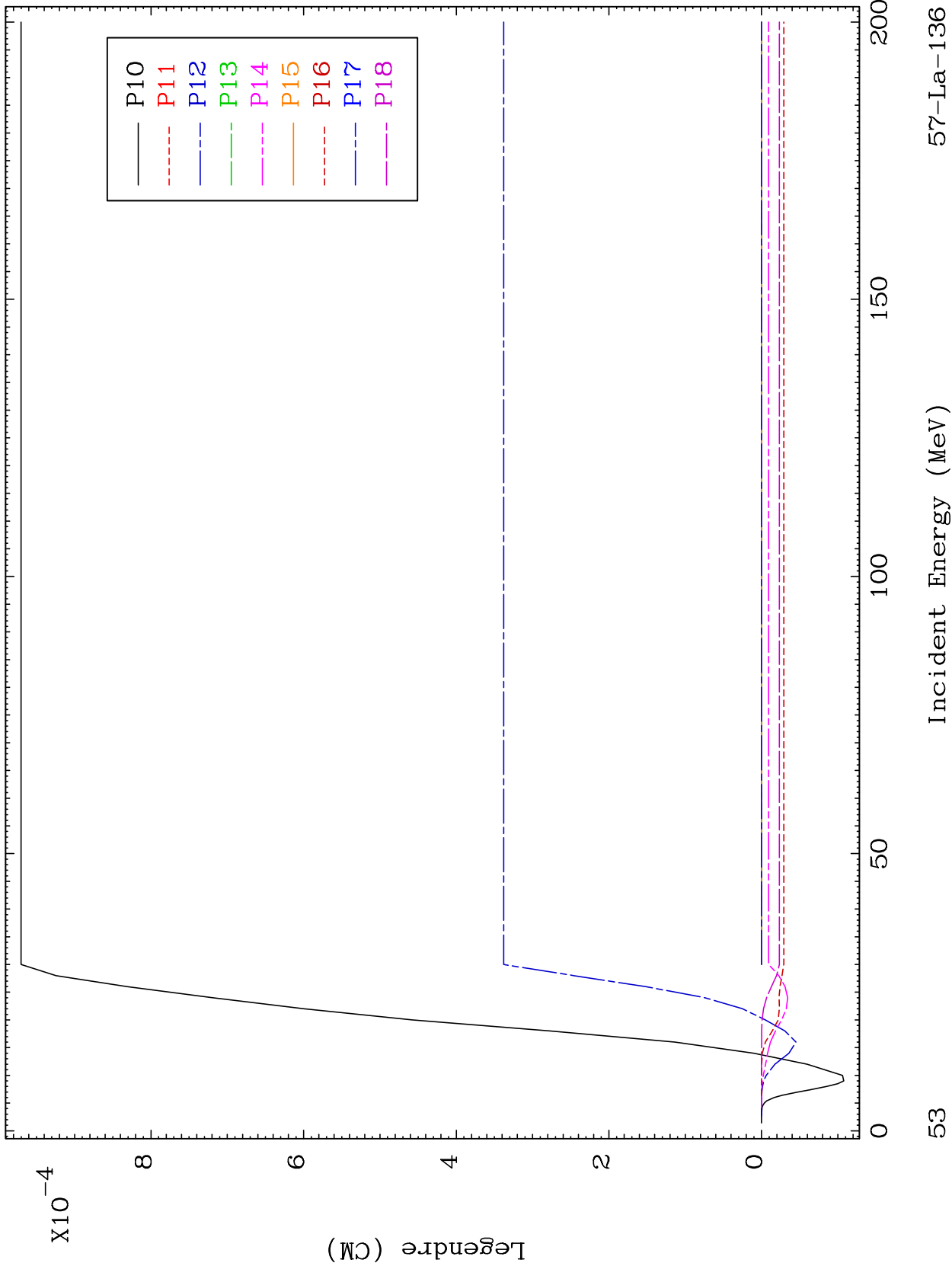
Incident Energy (MeV)

57-La-136

MAT 5719

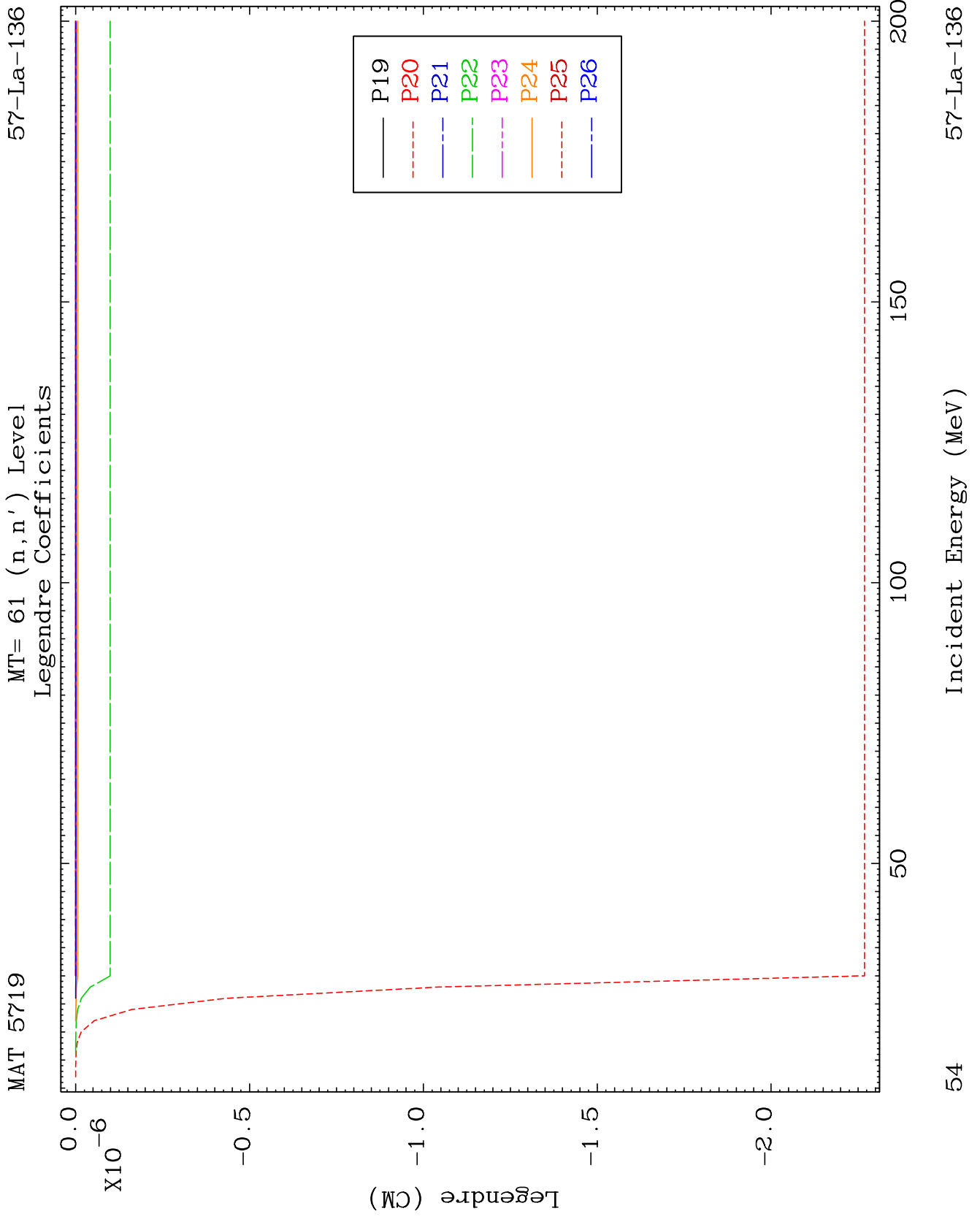
MT= 61 (n,n') Level  
Legendre Coefficients

57-La-136



53

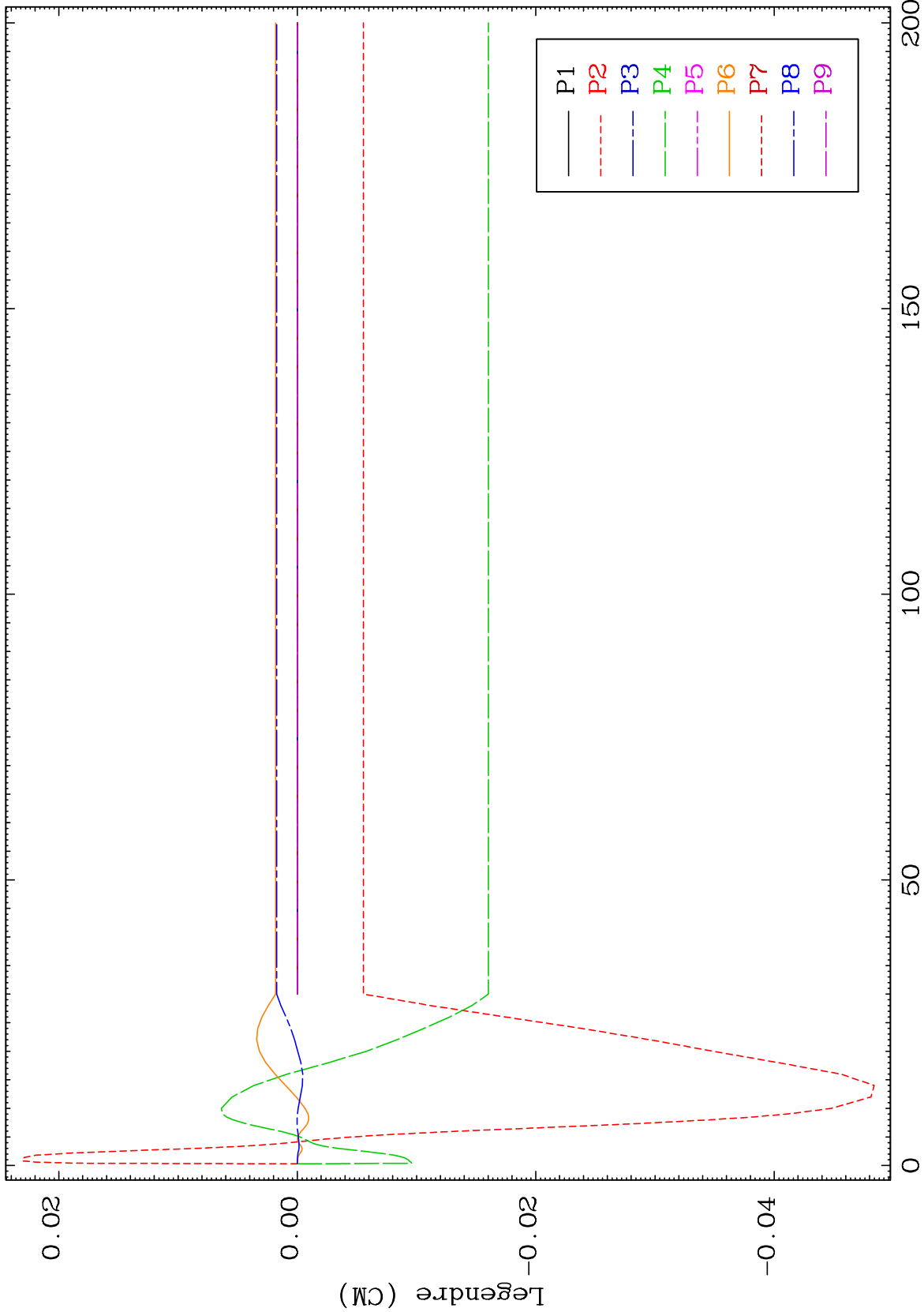
57-La-136



MAT 5719

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

57-La-136



57-La-136

Incident Energy (MeV)

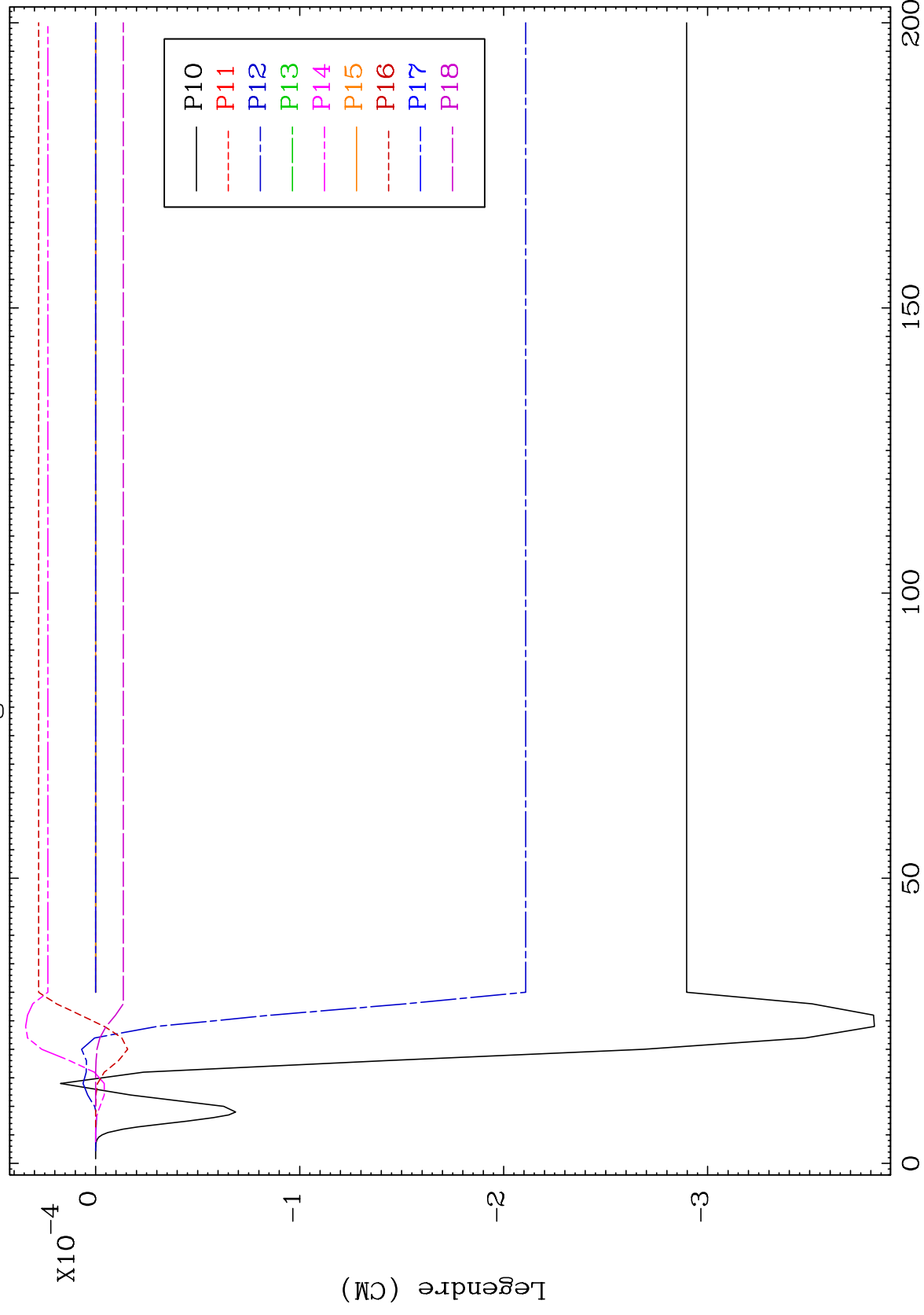
55



MAT 5719

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

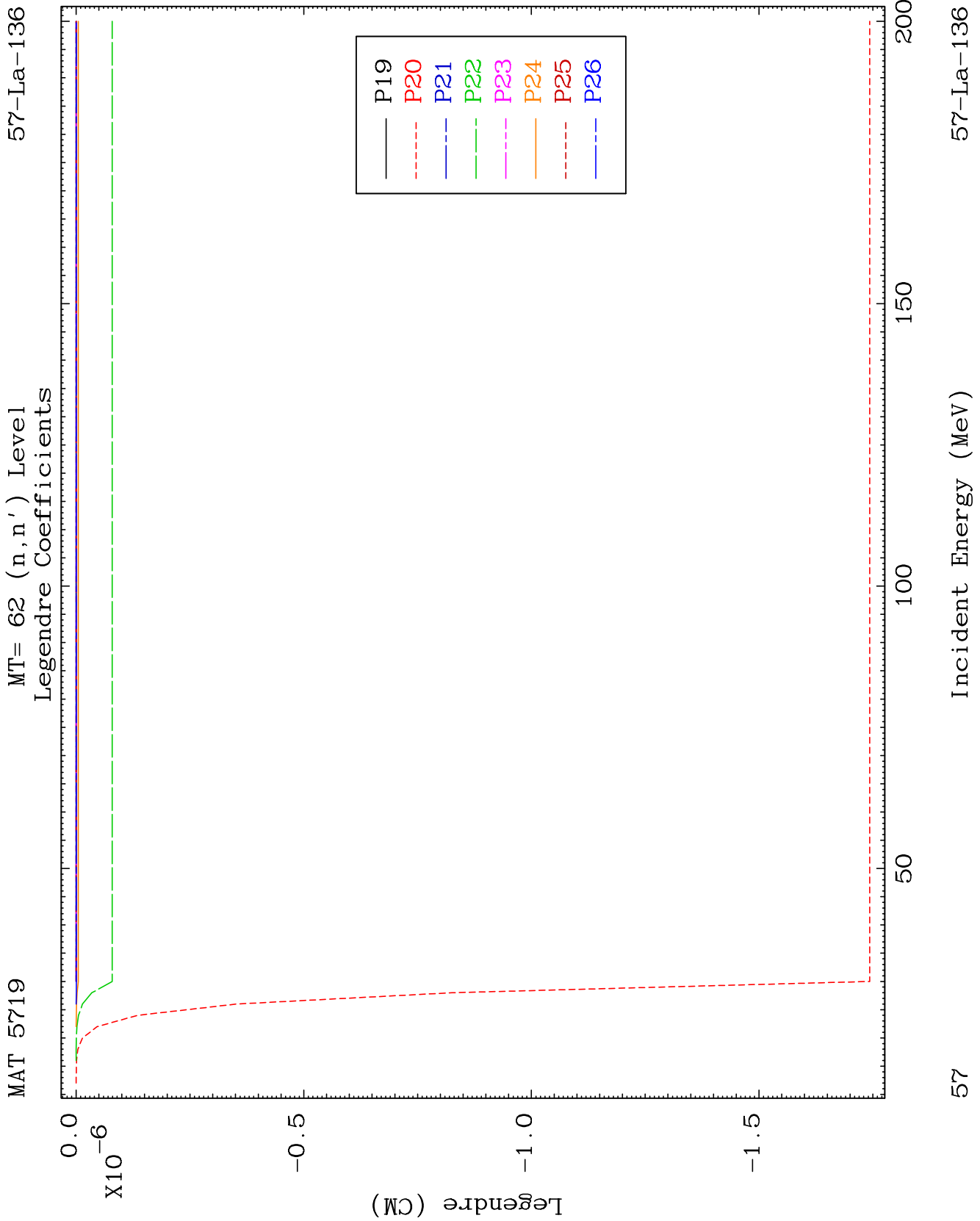
57-La-136



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Incident Energy (MeV)

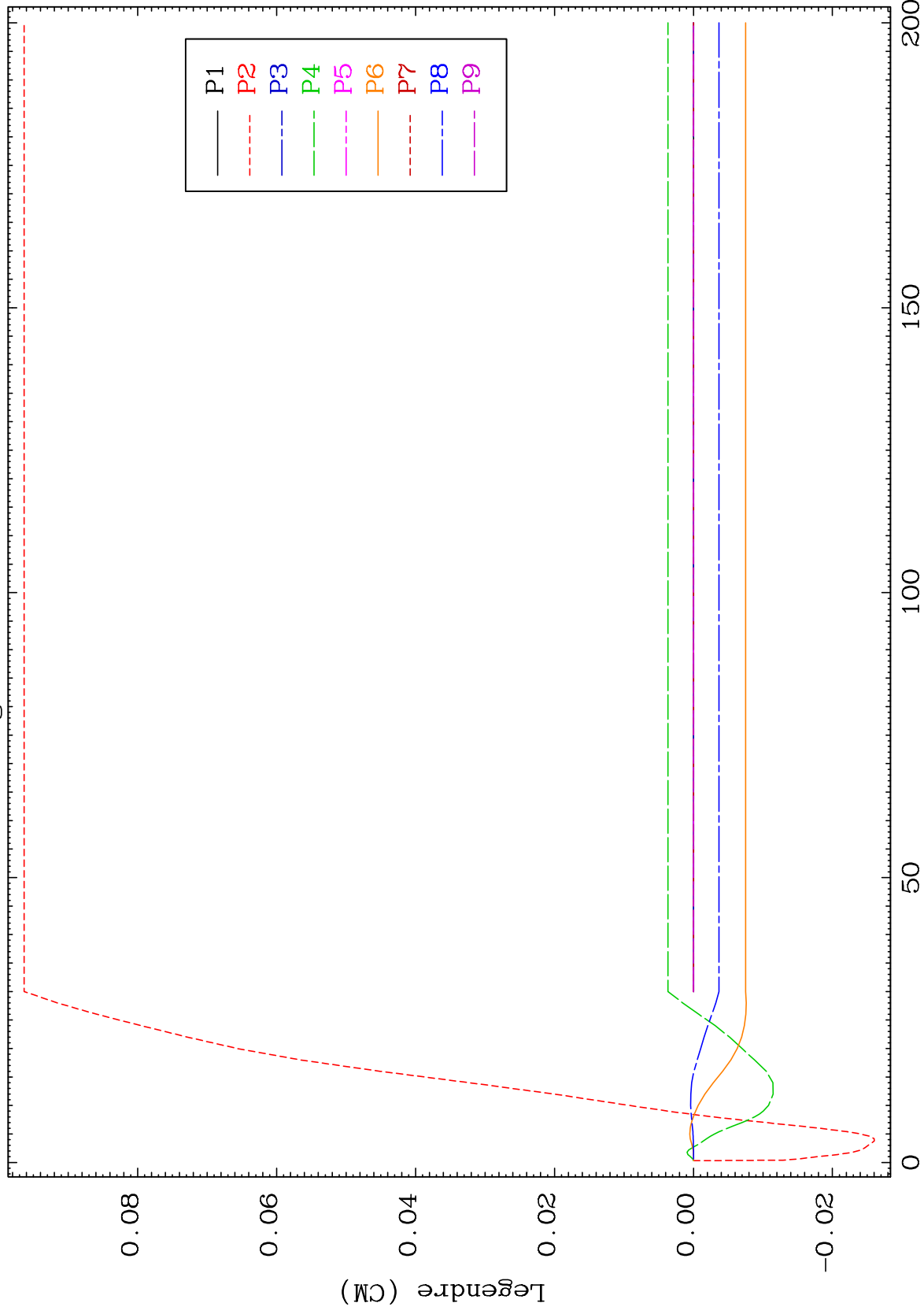
57-La-136



MAT 5719

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

57-La-136



57-La-136

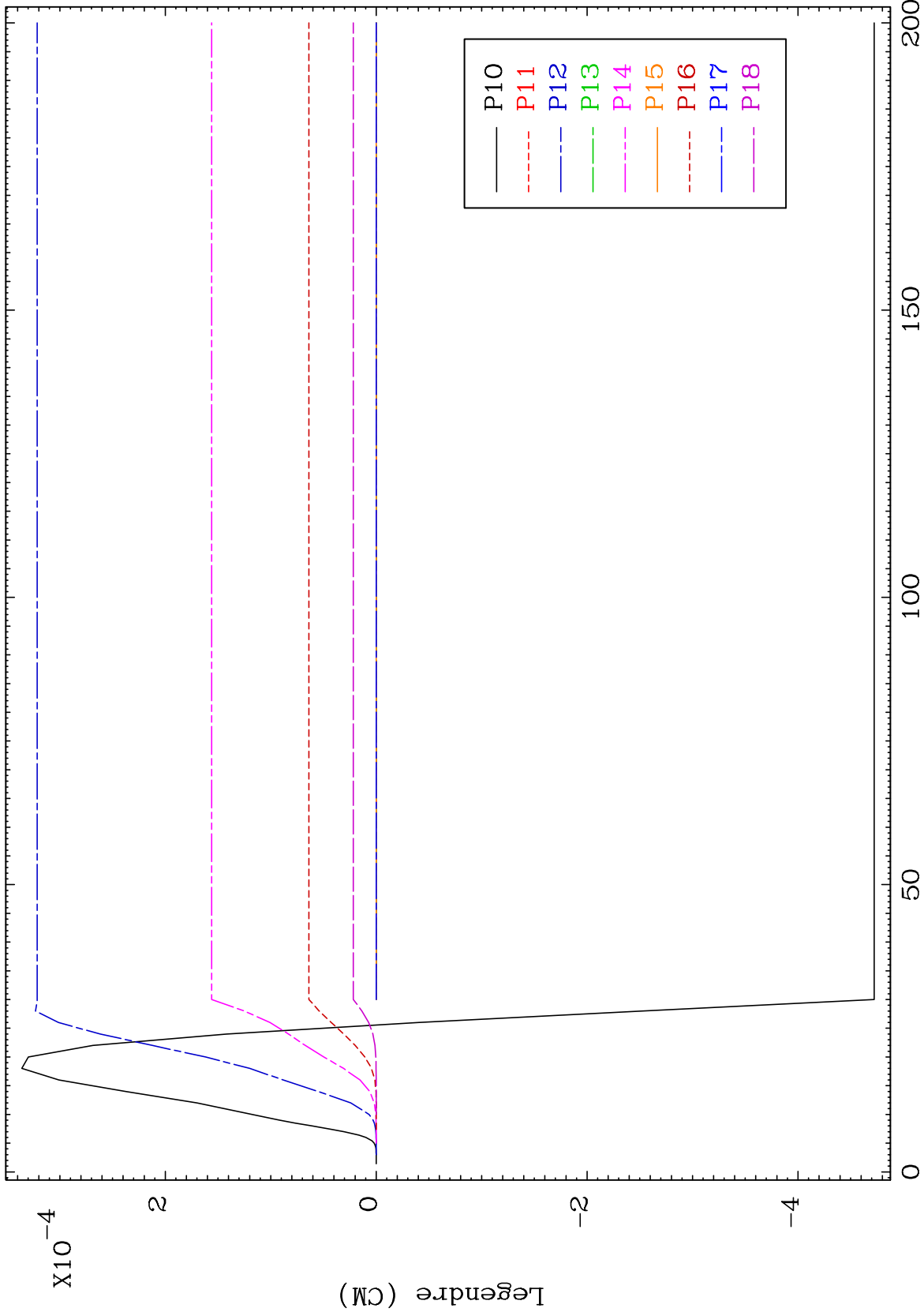
Incident Energy (MeV)

58

MAT 5719

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

57-La-136



59

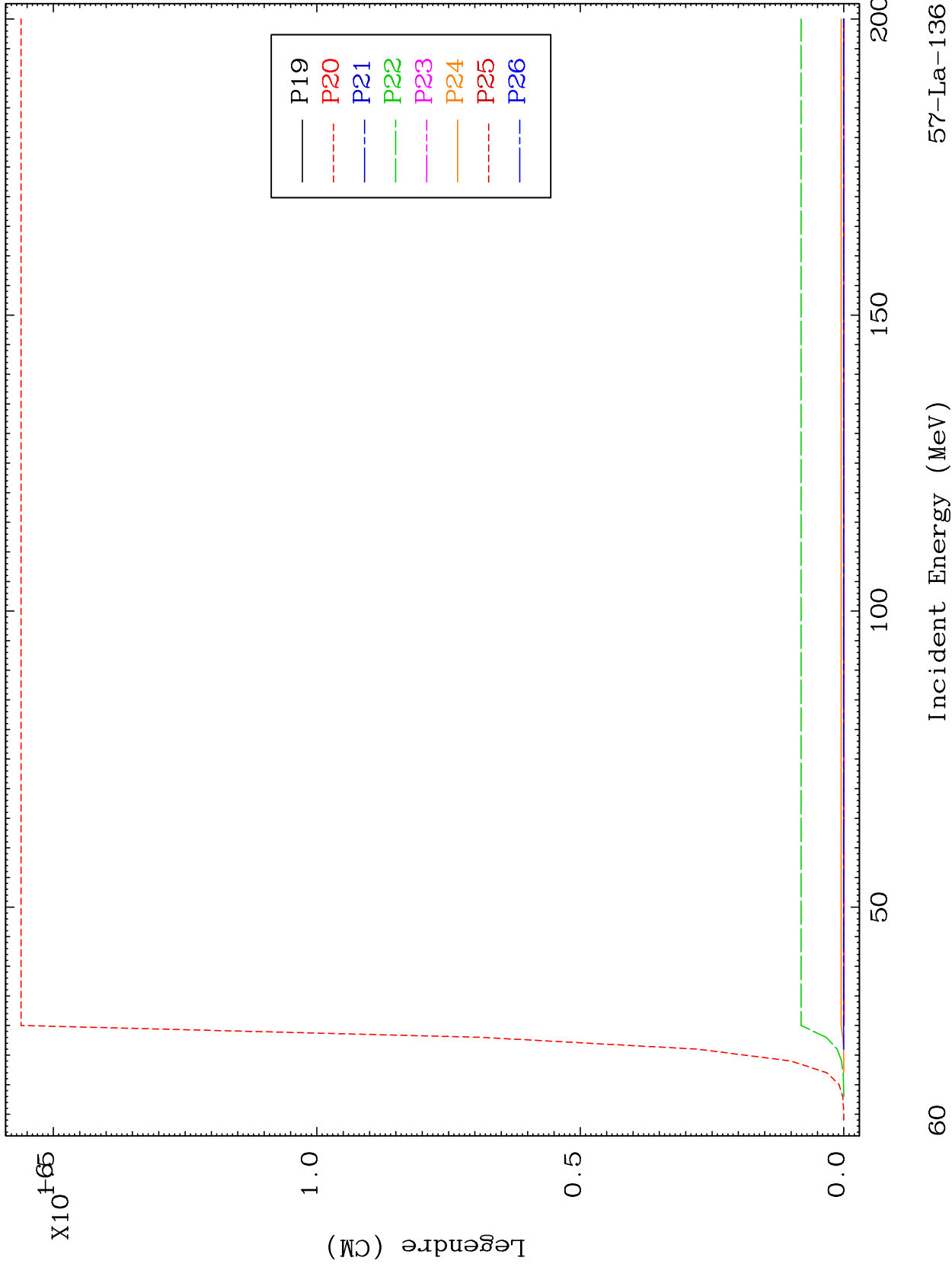
Incident Energy (MeV)

57-La-136

MAT 5719

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

57-La-136



57-La-136

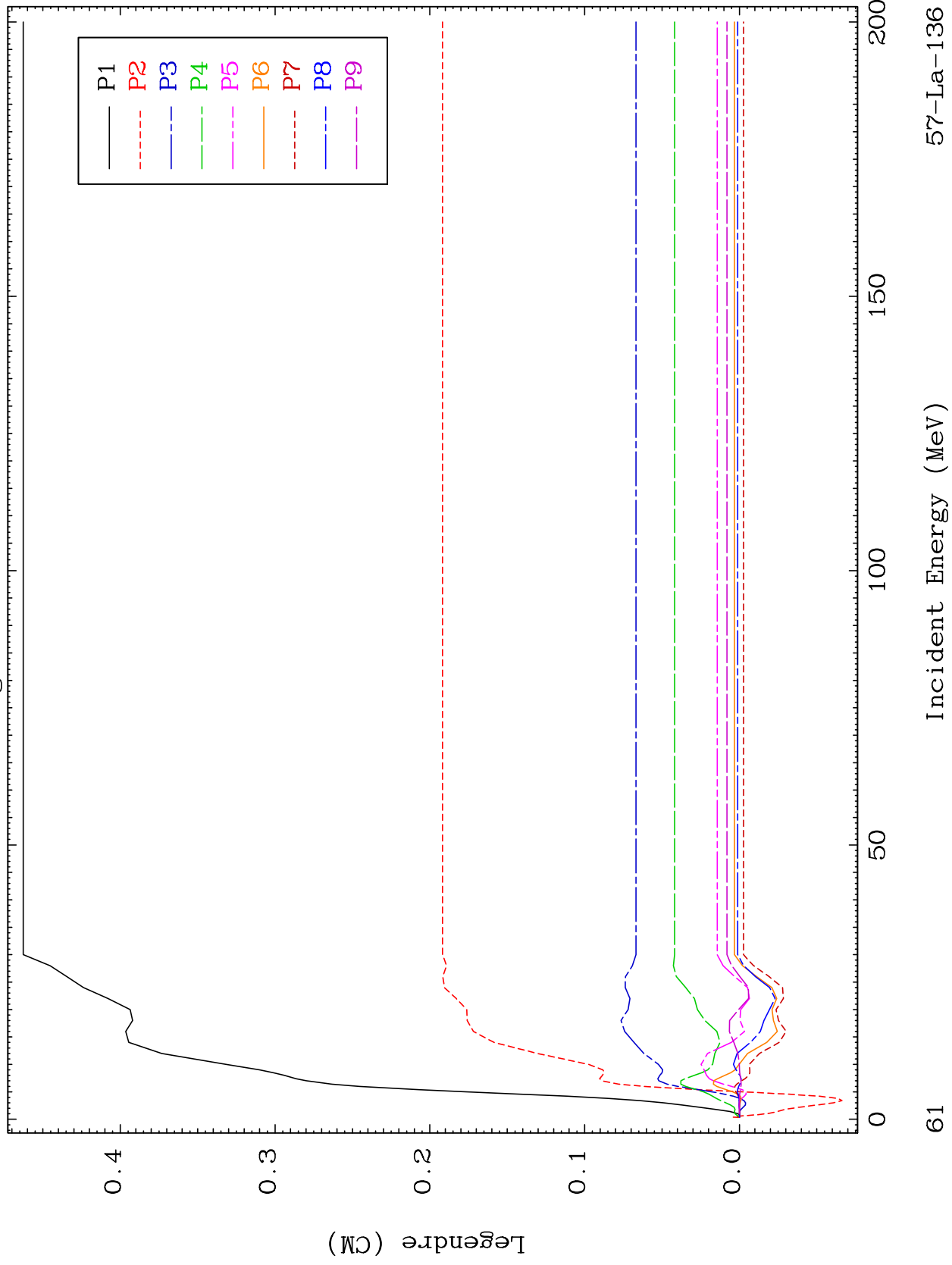
Incident Energy (MeV)

60

MAT 5719

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

57-La-136



57-La-136

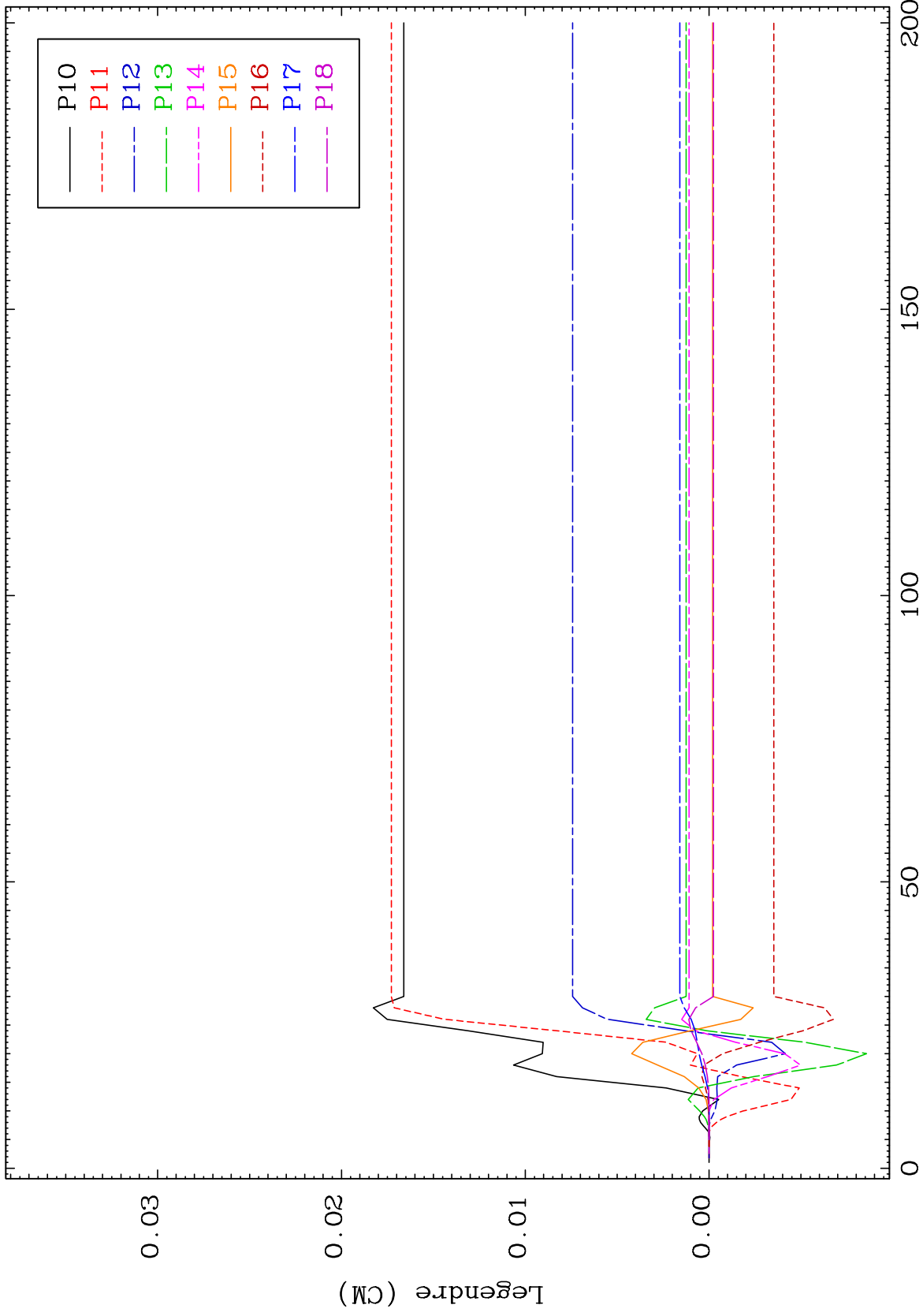
Incident Energy (MeV)

61

MAT 5719

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

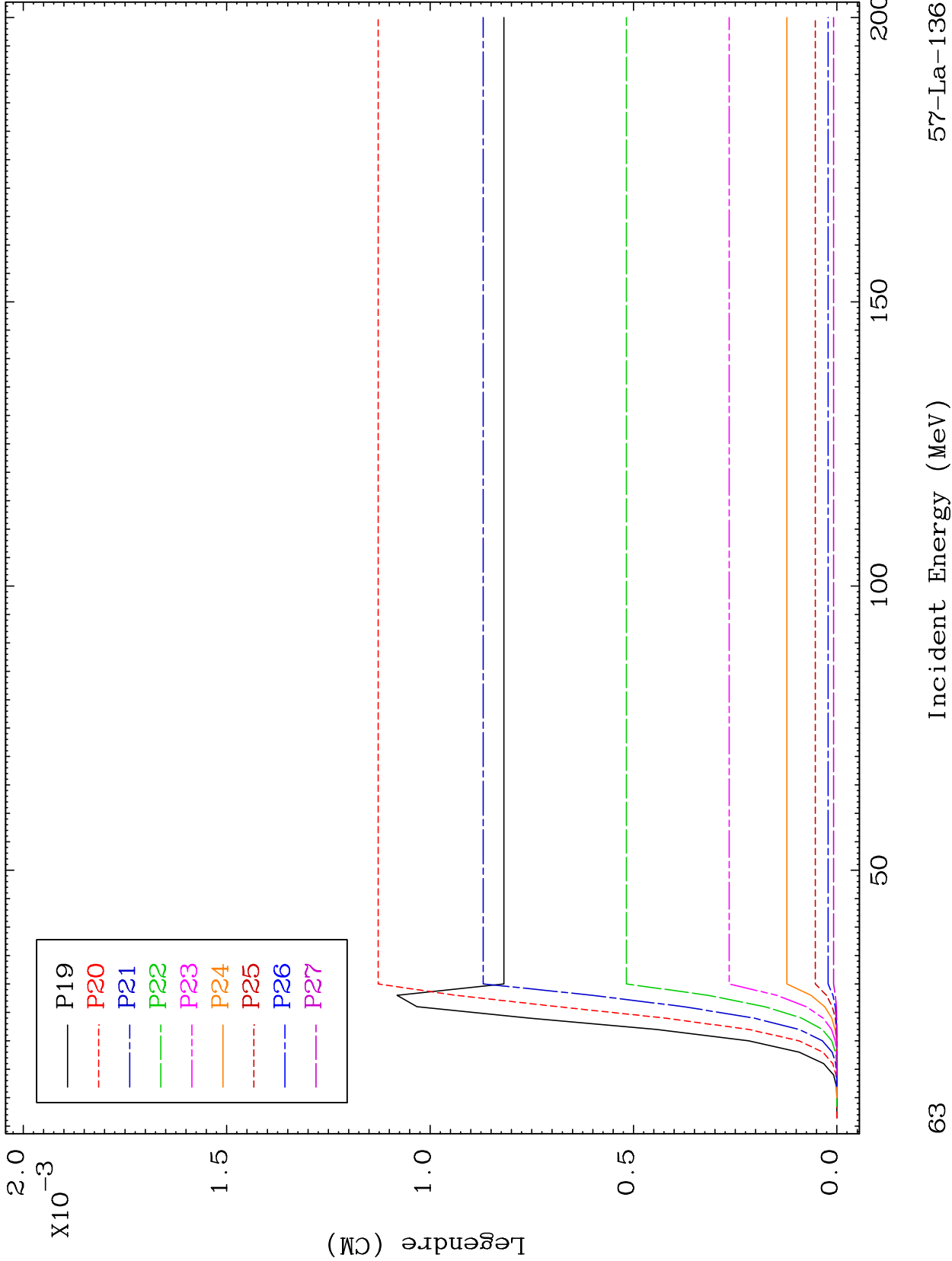
57-La-136



62

Incident Energy (MeV)

57-La-136

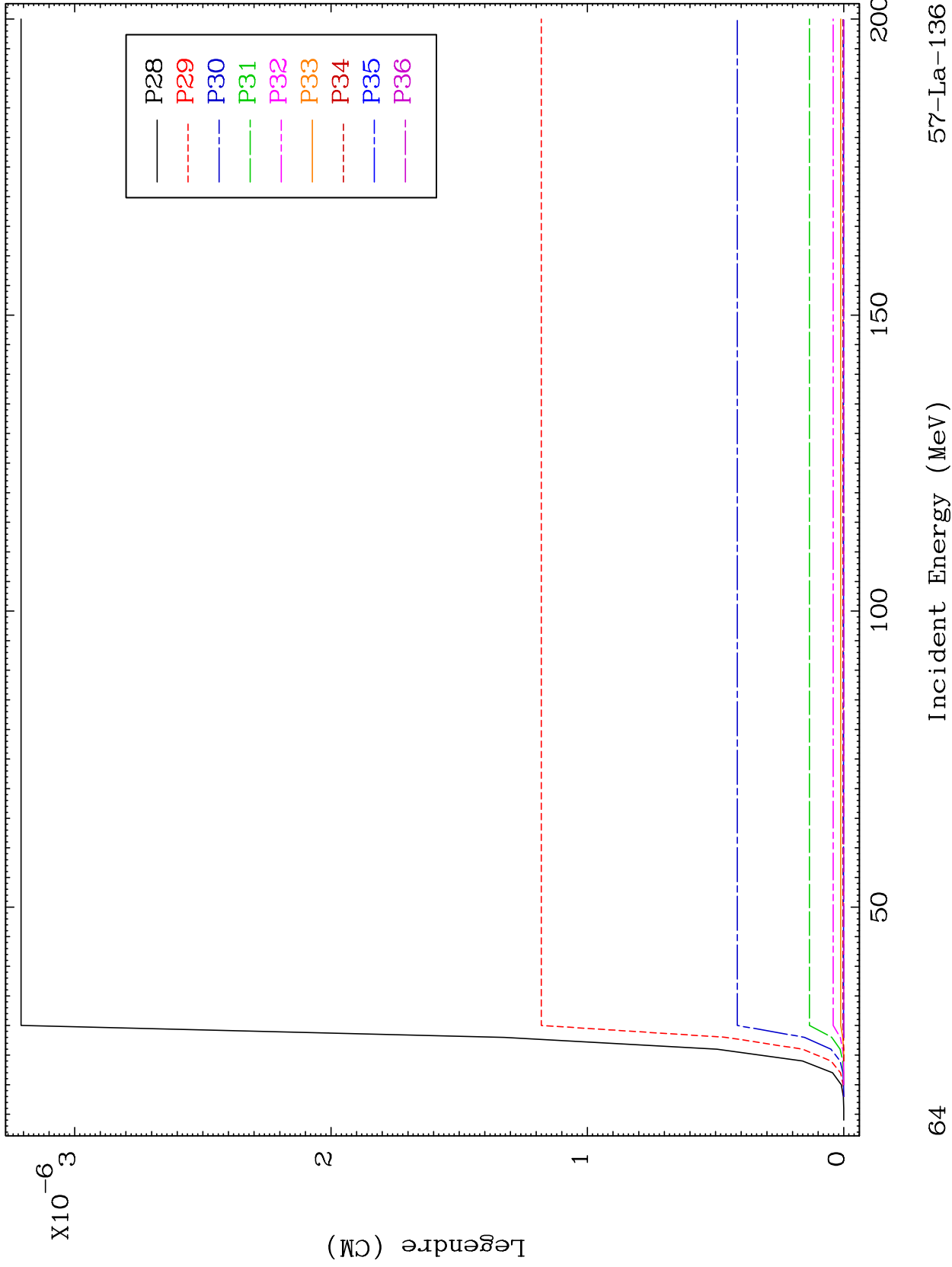


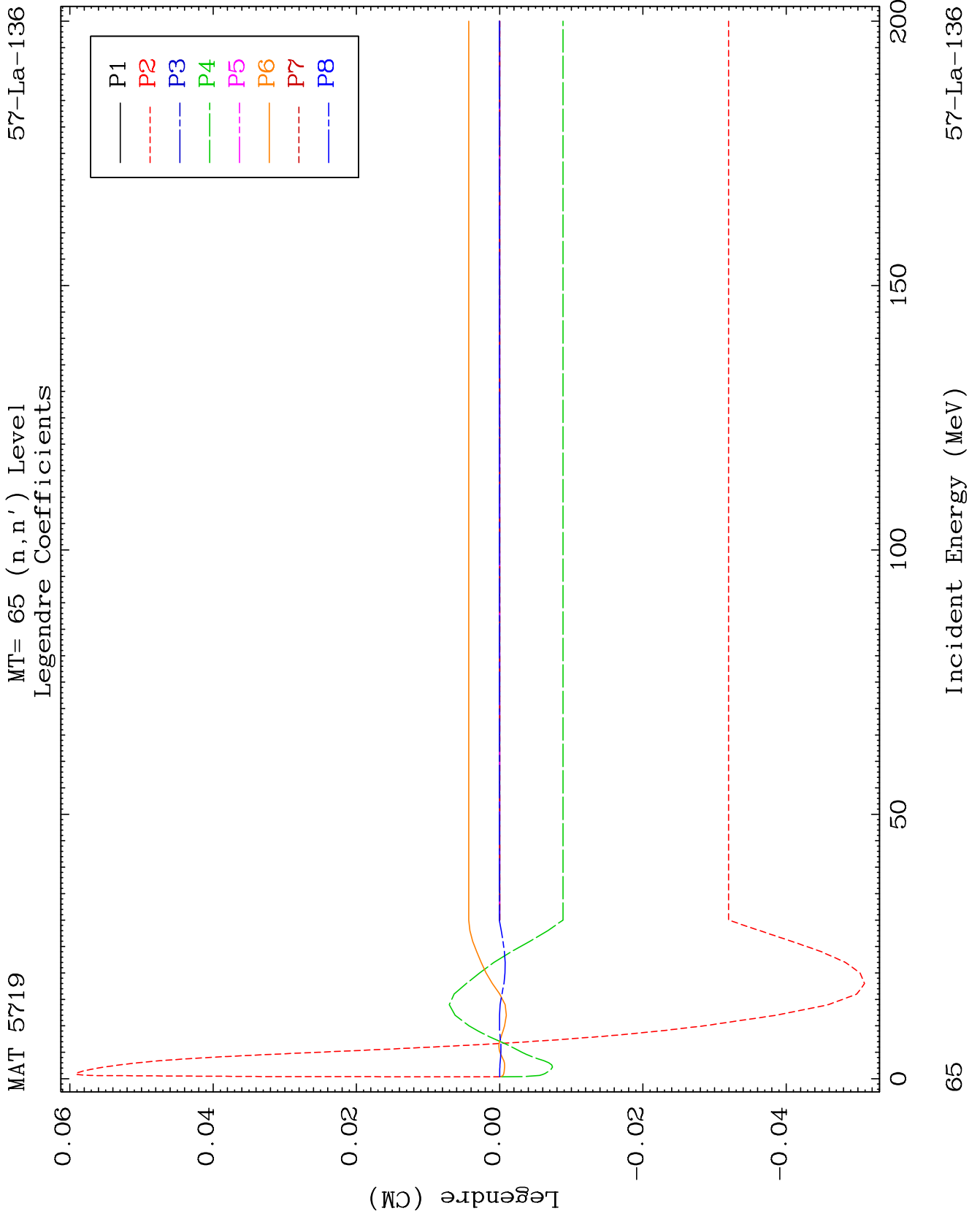


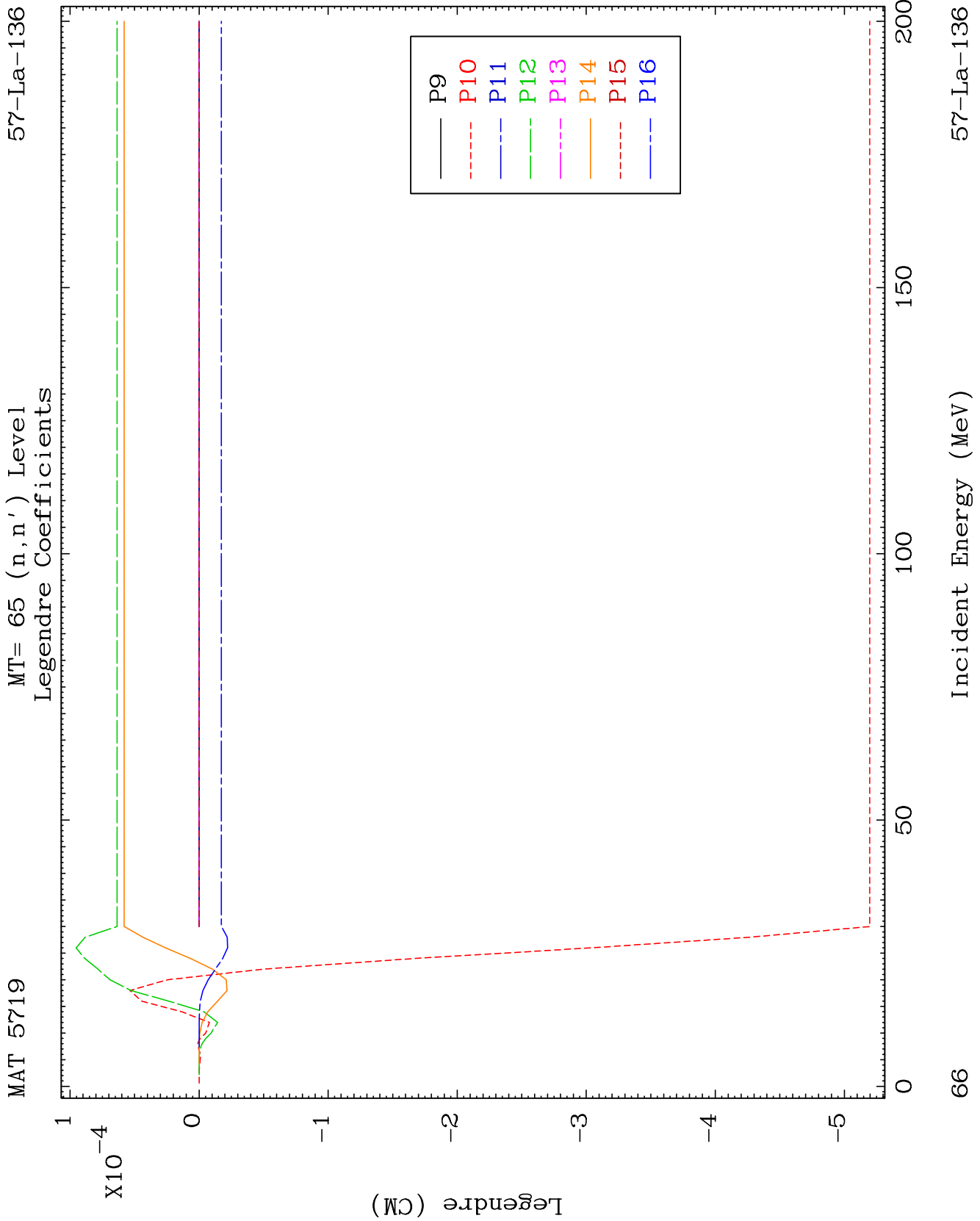
MAT 5719

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

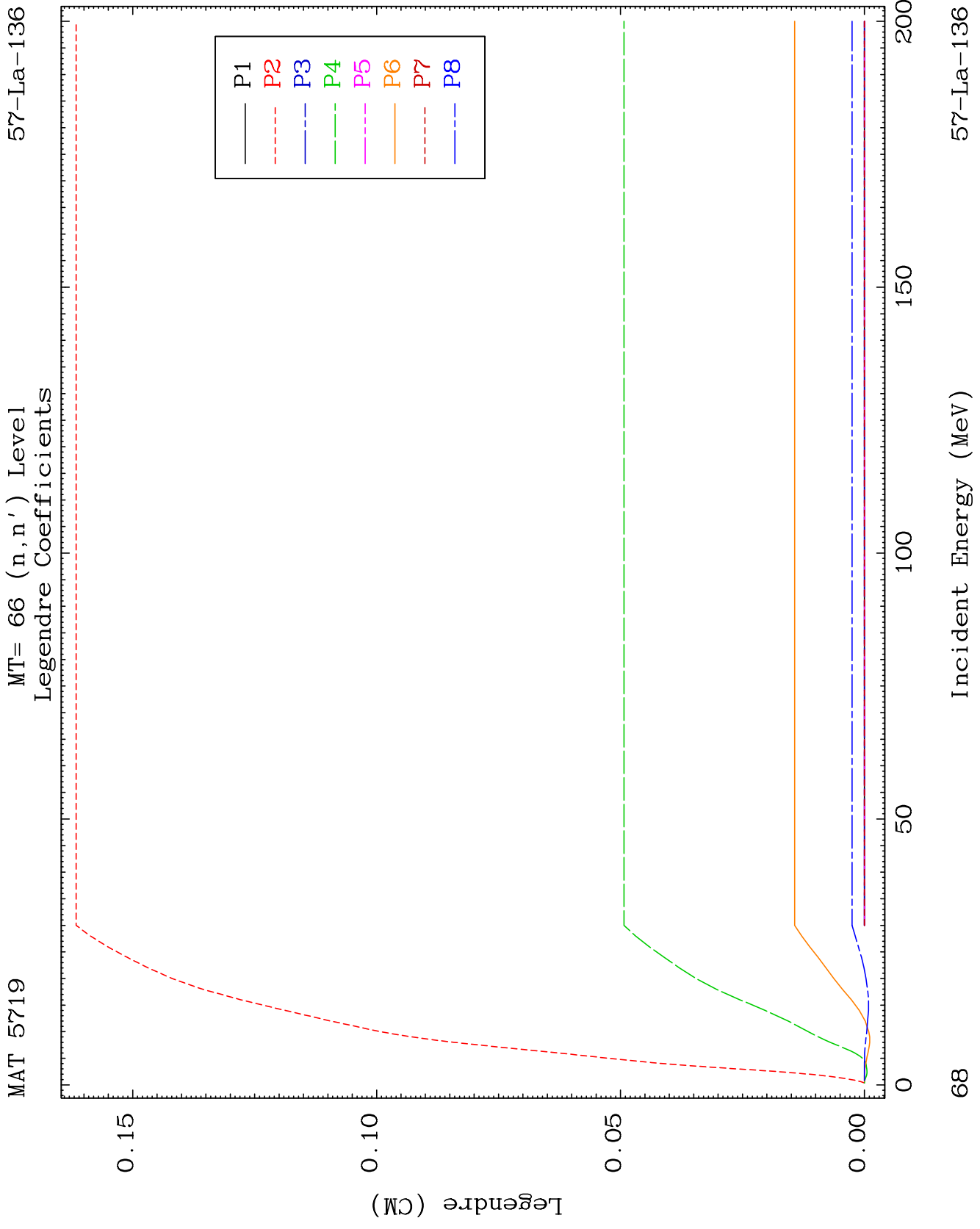
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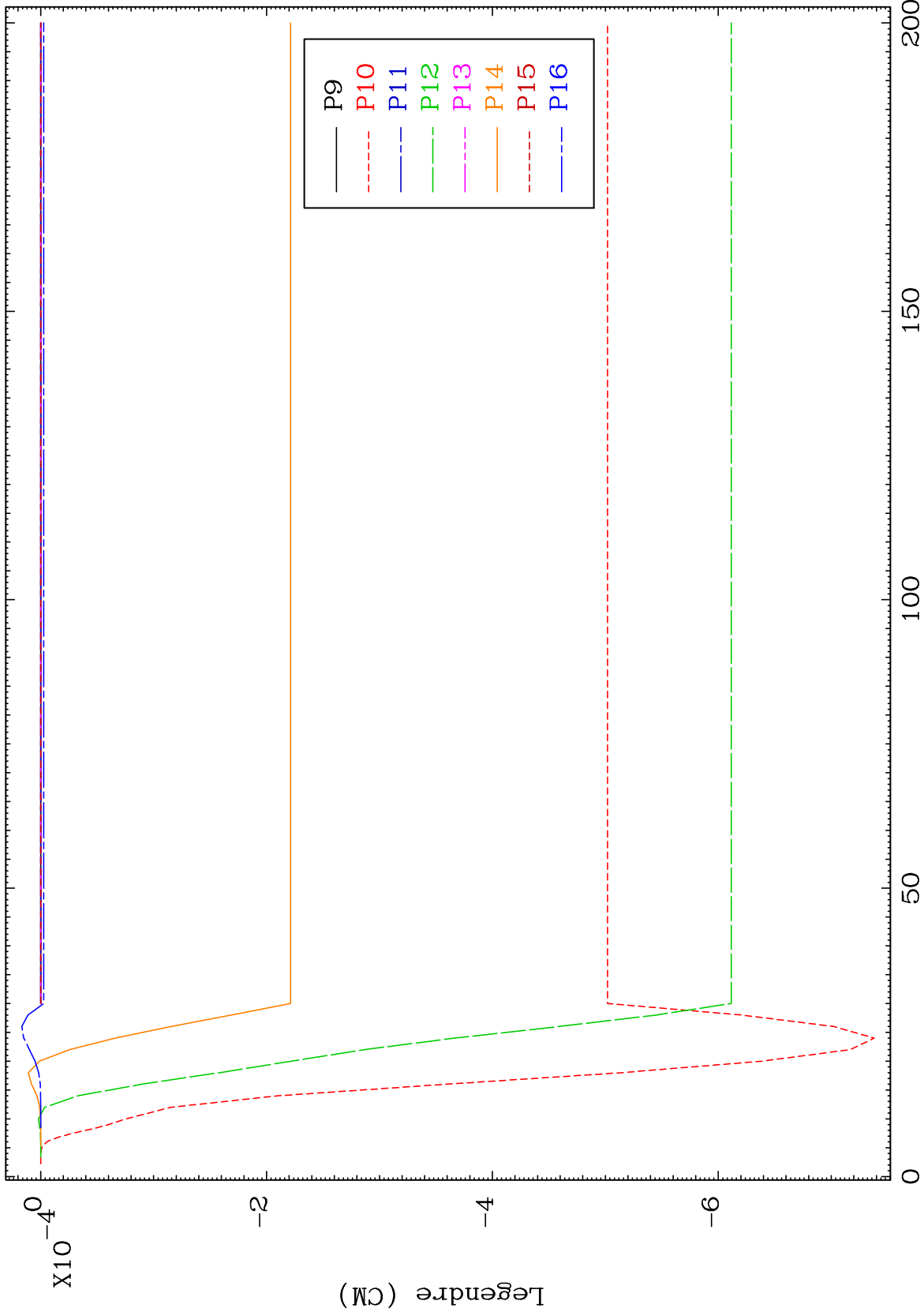




MAT 5719

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

57-La-136



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Incident Energy (MeV)

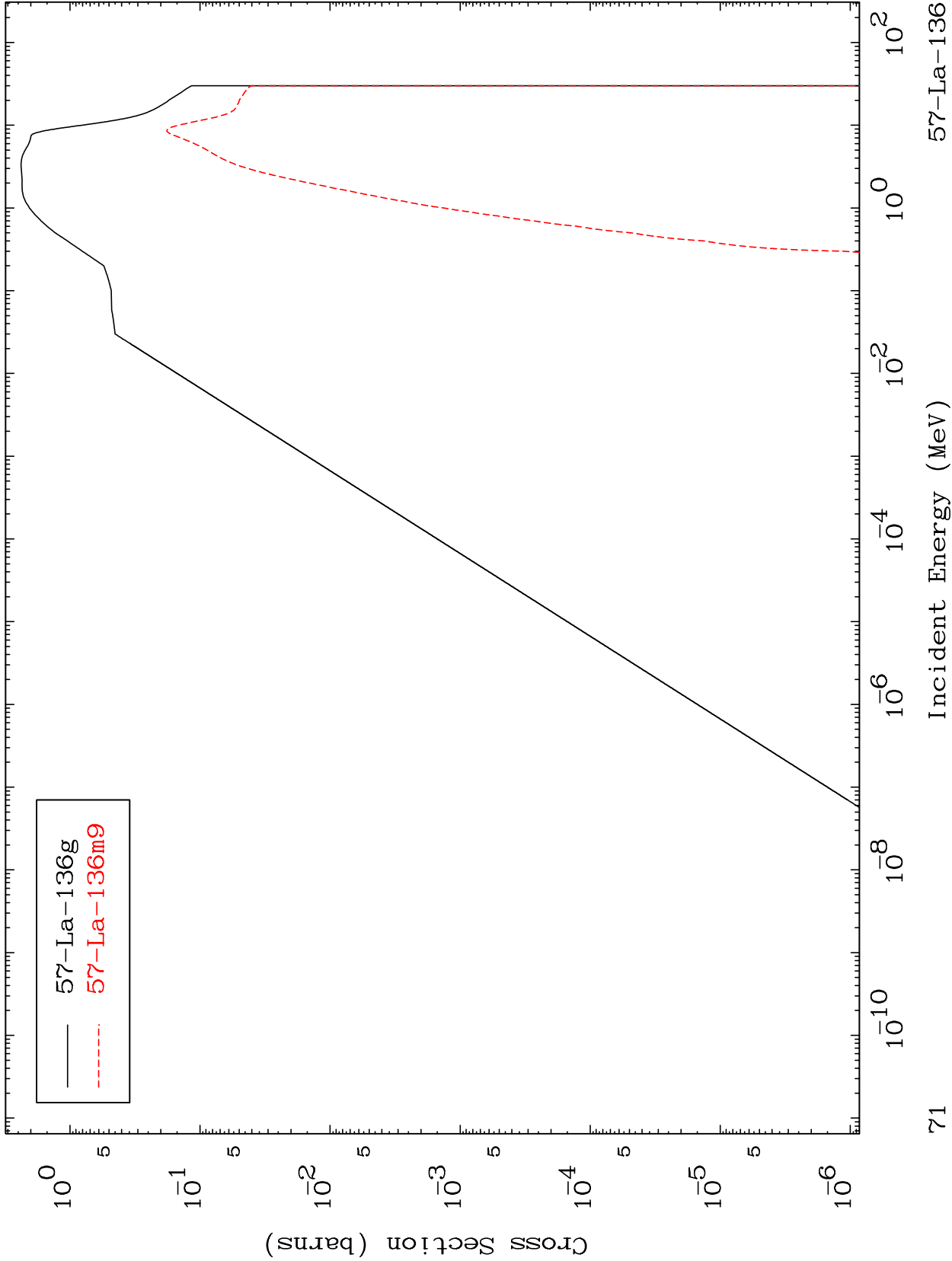
57-La-136



MAT 5719

Radionuclide Production Cross Section

57-La-136



57-La-136

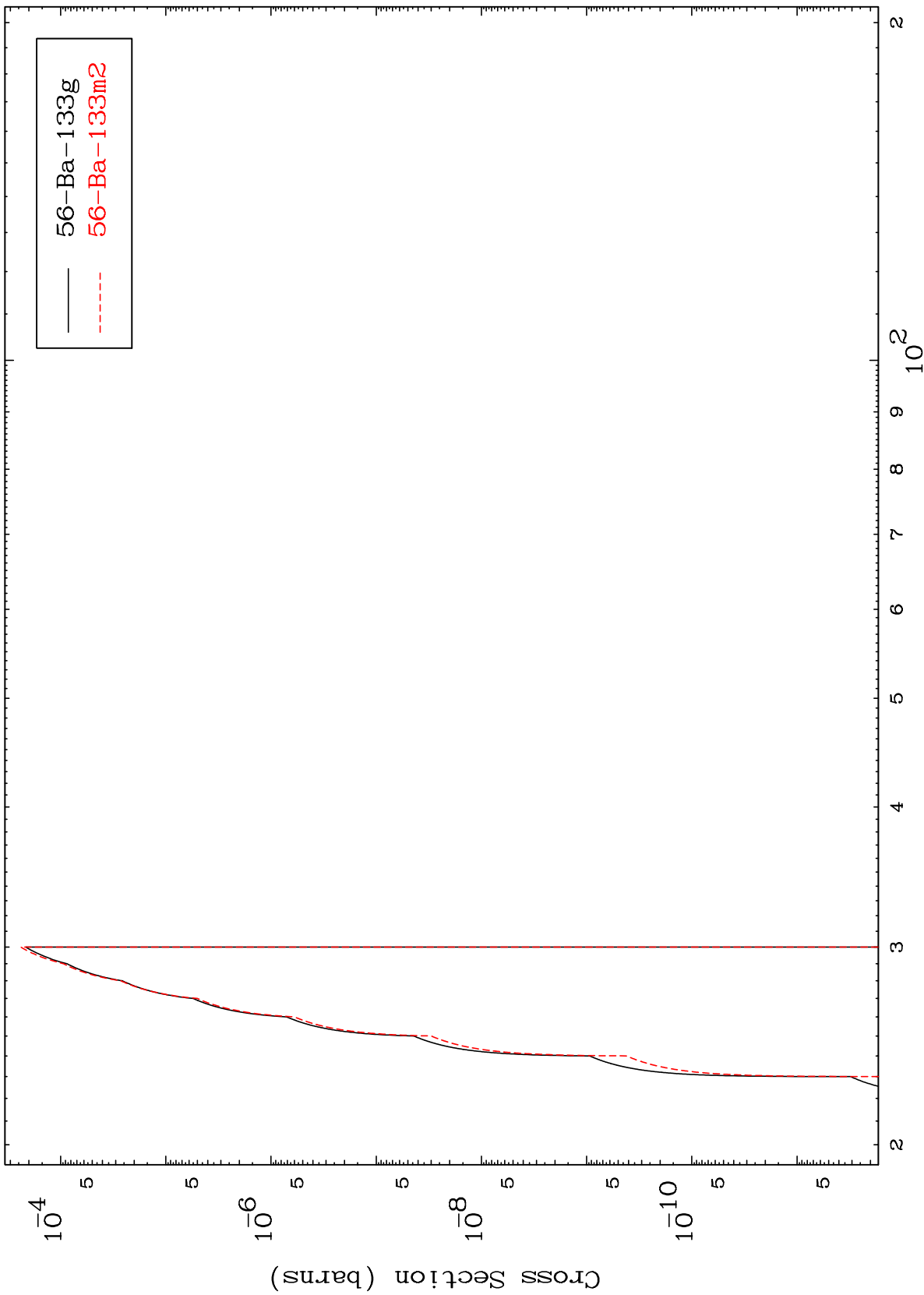


MAT 5719

(n,2n) d

57-La-136

Radionuclide Production Cross Section



72

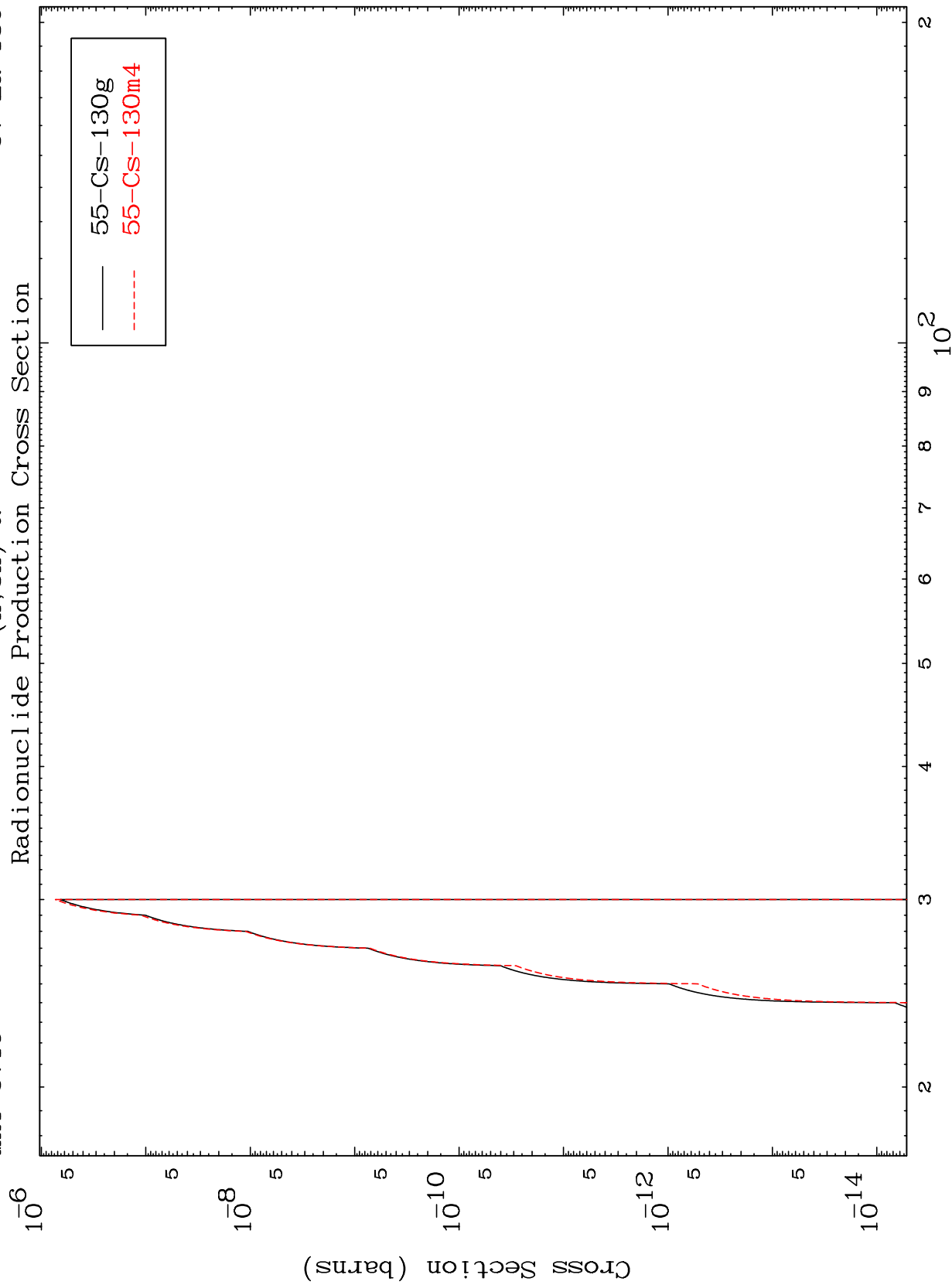
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

$(n,3n) \alpha$   
Radionuclide Production Cross Section



73

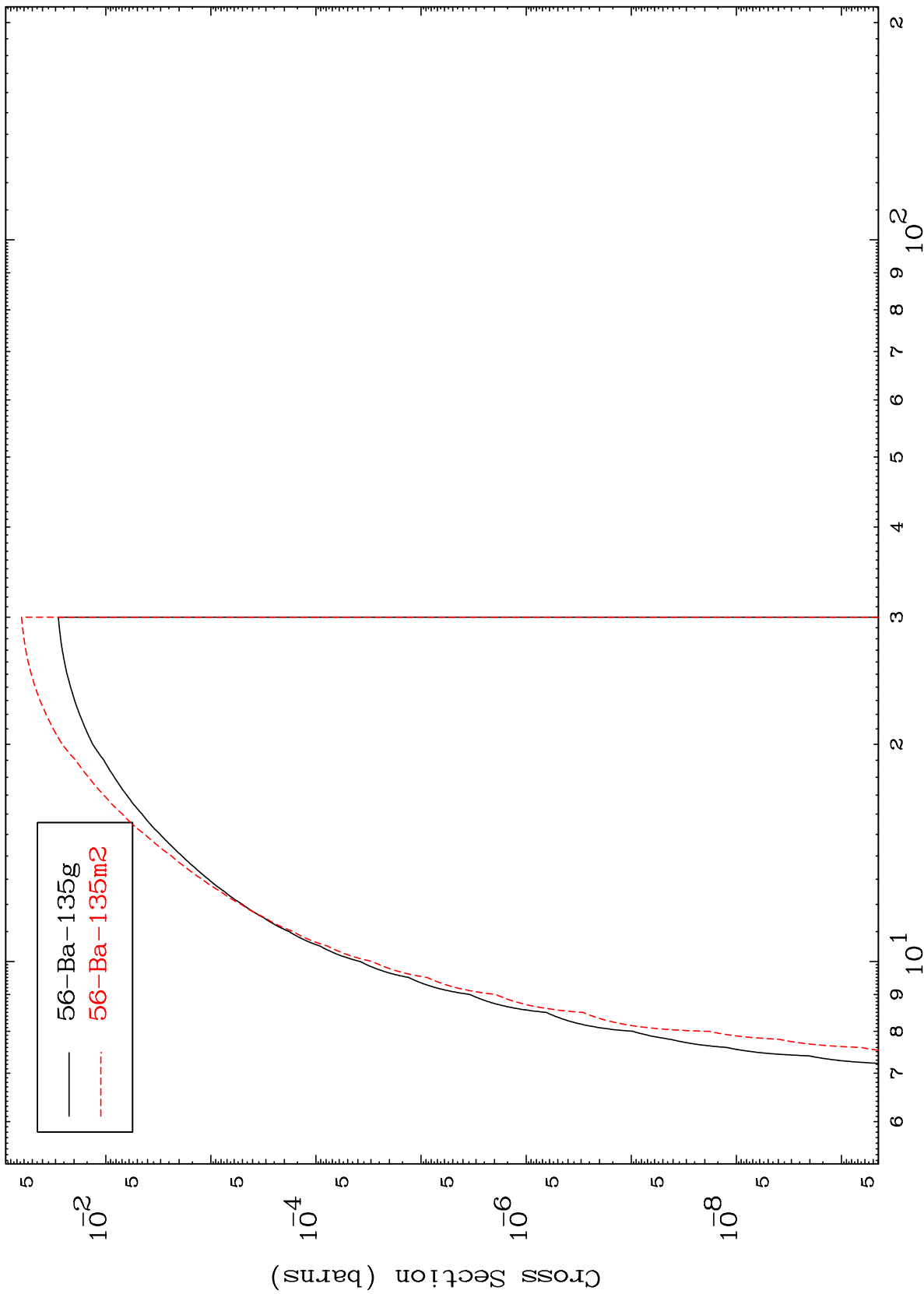
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,n') p  
Radionuclide Production Cross Section



56-Ba-135g  
56-Ba-135m2

57-La-136

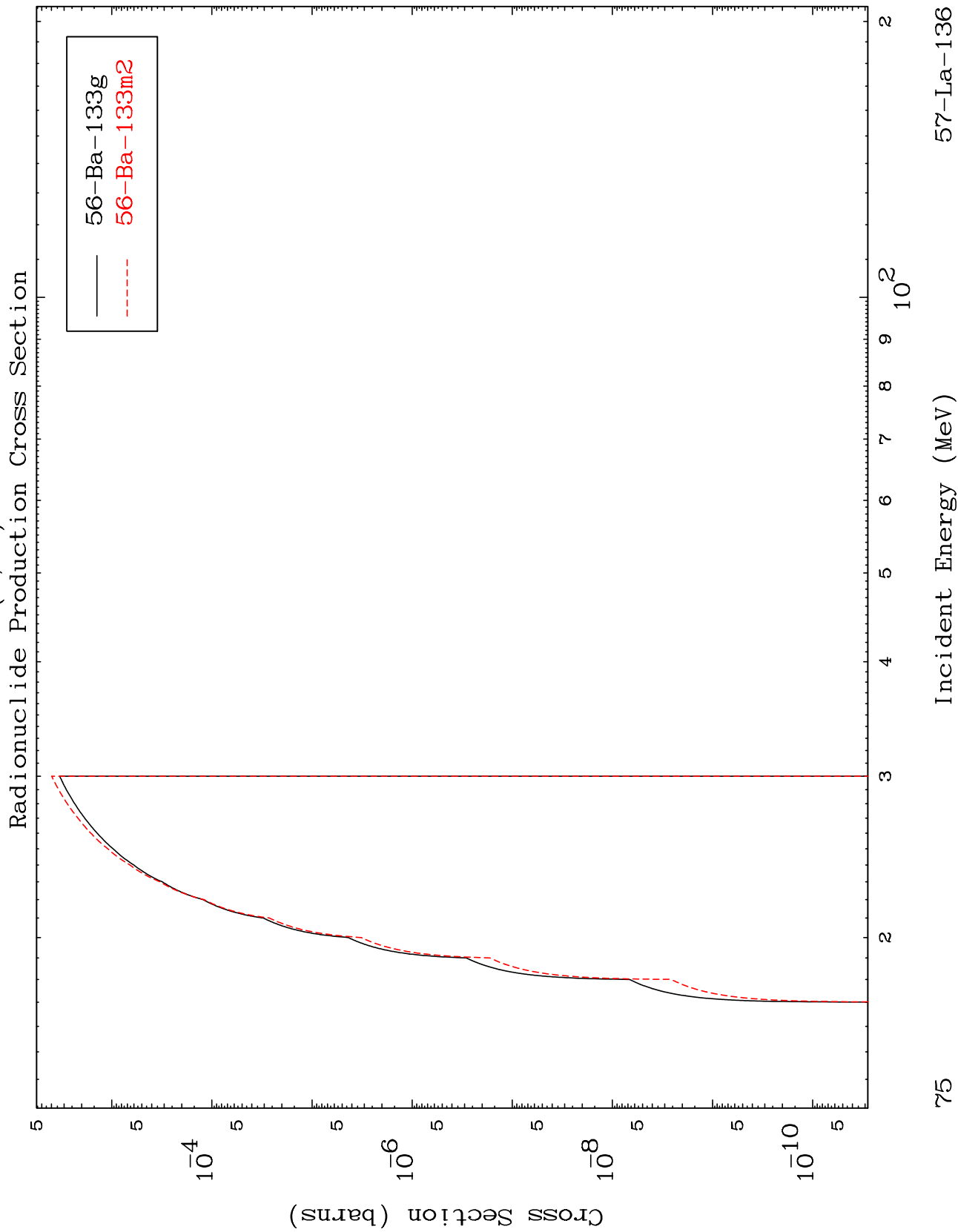
Incident Energy (MeV)

74

MAT 5719

(n,n') t

57-La-136



75

Incident Energy (MeV)

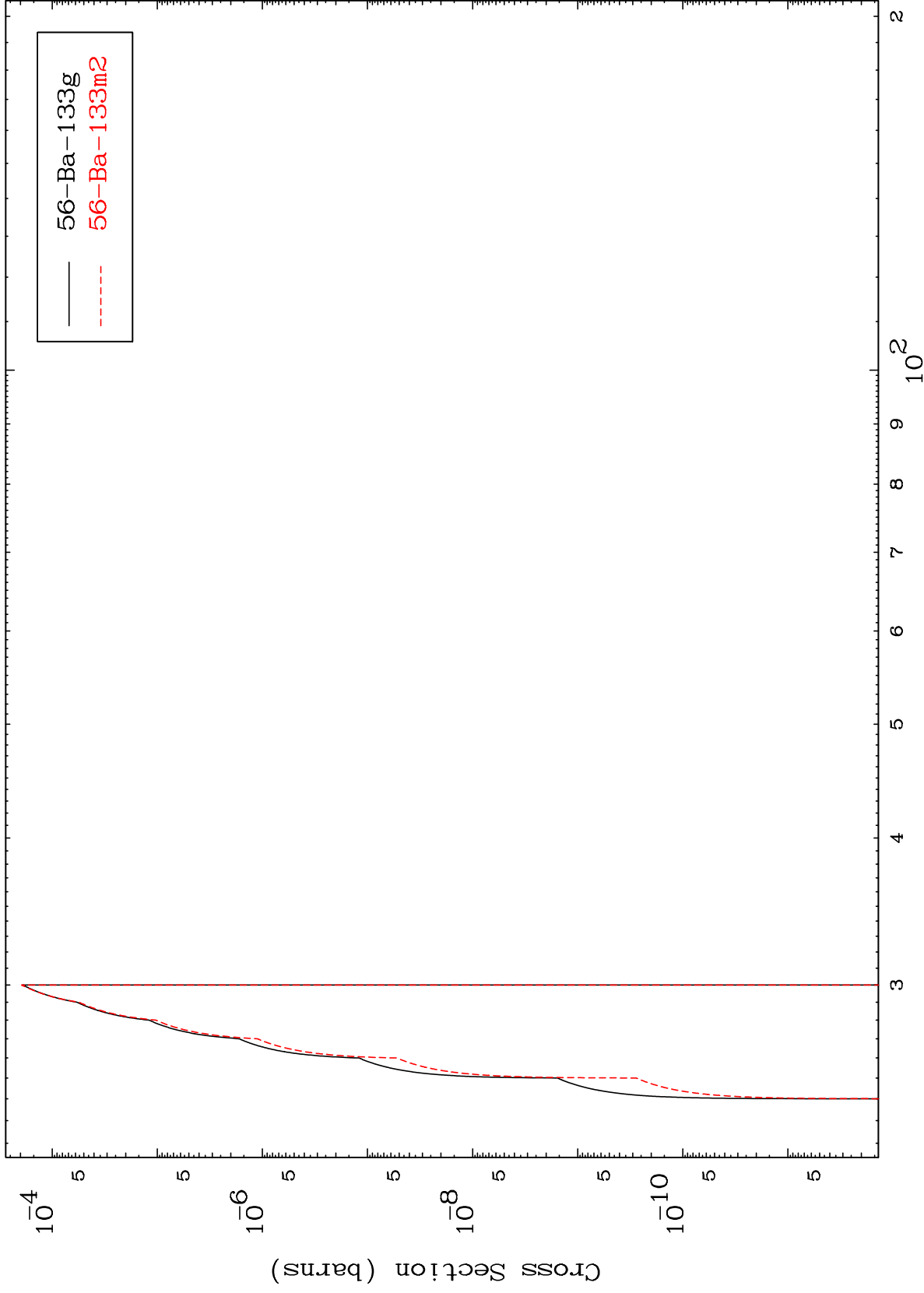
57-La-136

MAT 5719

(n,3n) p

57-La-136

Radionuclide Production Cross Section



76

Incident Energy (MeV)

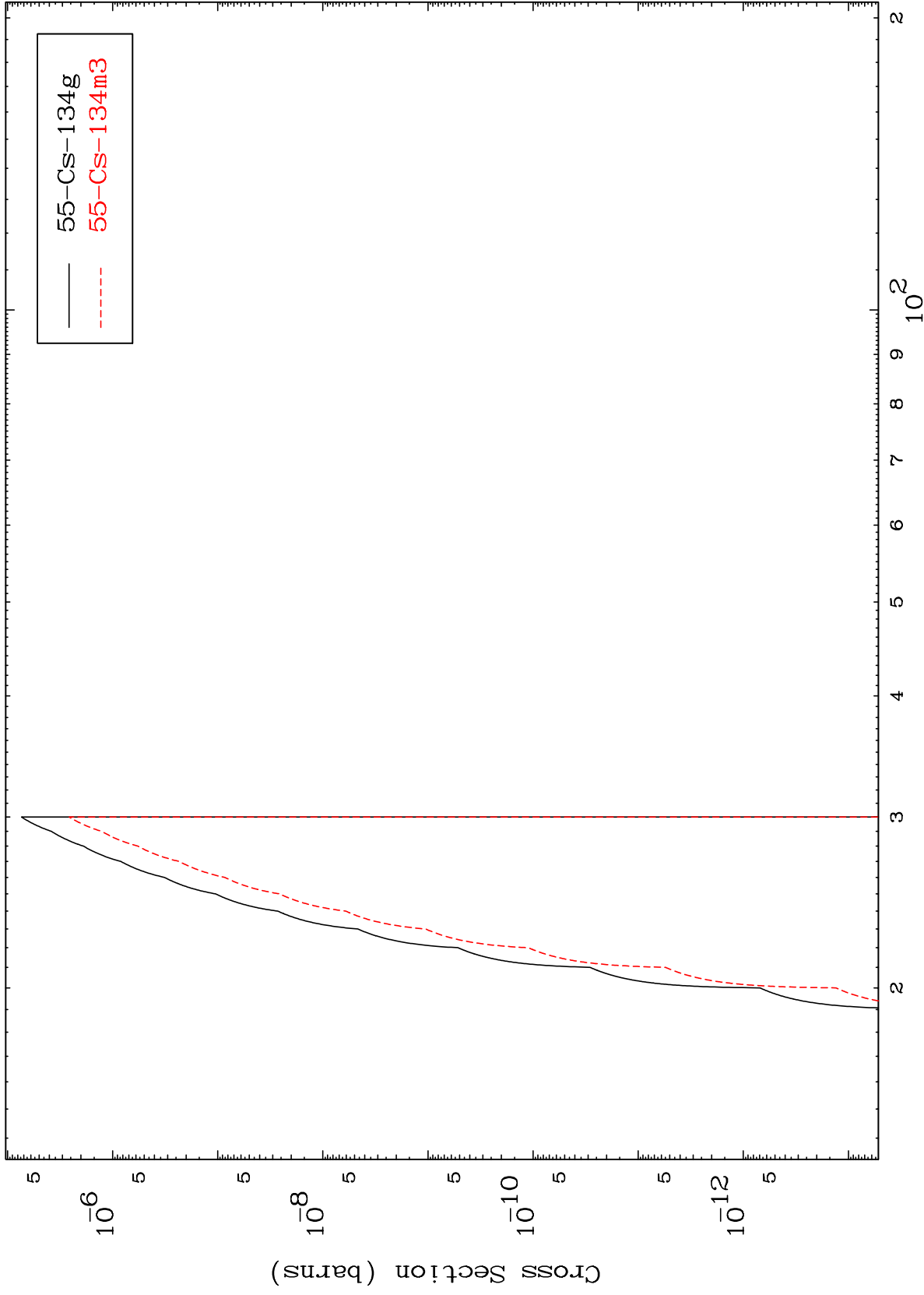
57-La-136

MAT 5719

(n,2n) p

57-La-136

Radionuclide Production Cross Section



77

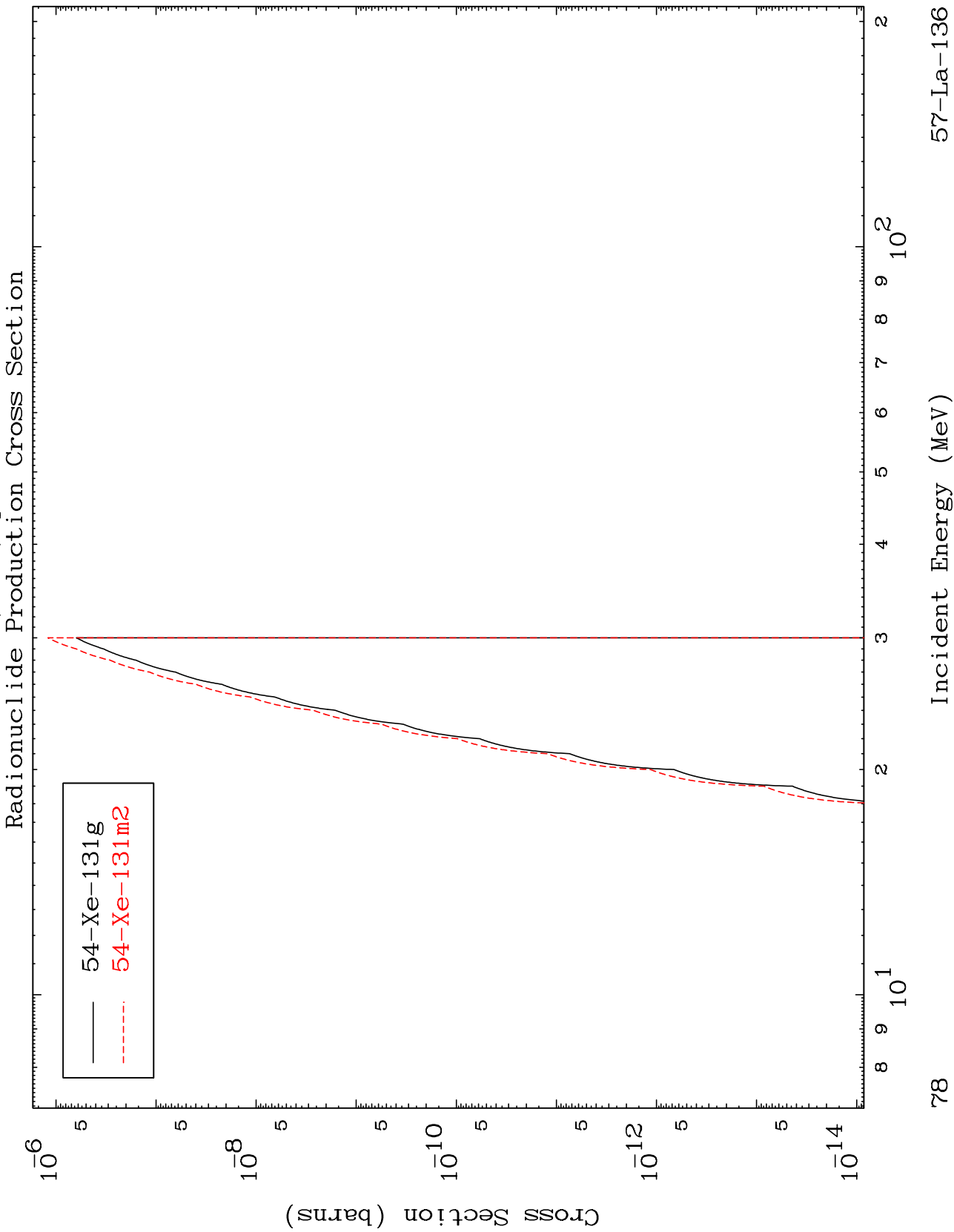
Incident Energy (MeV)

57-La-136

MAT 5719

(n,n') p  $\alpha$

57-La-136



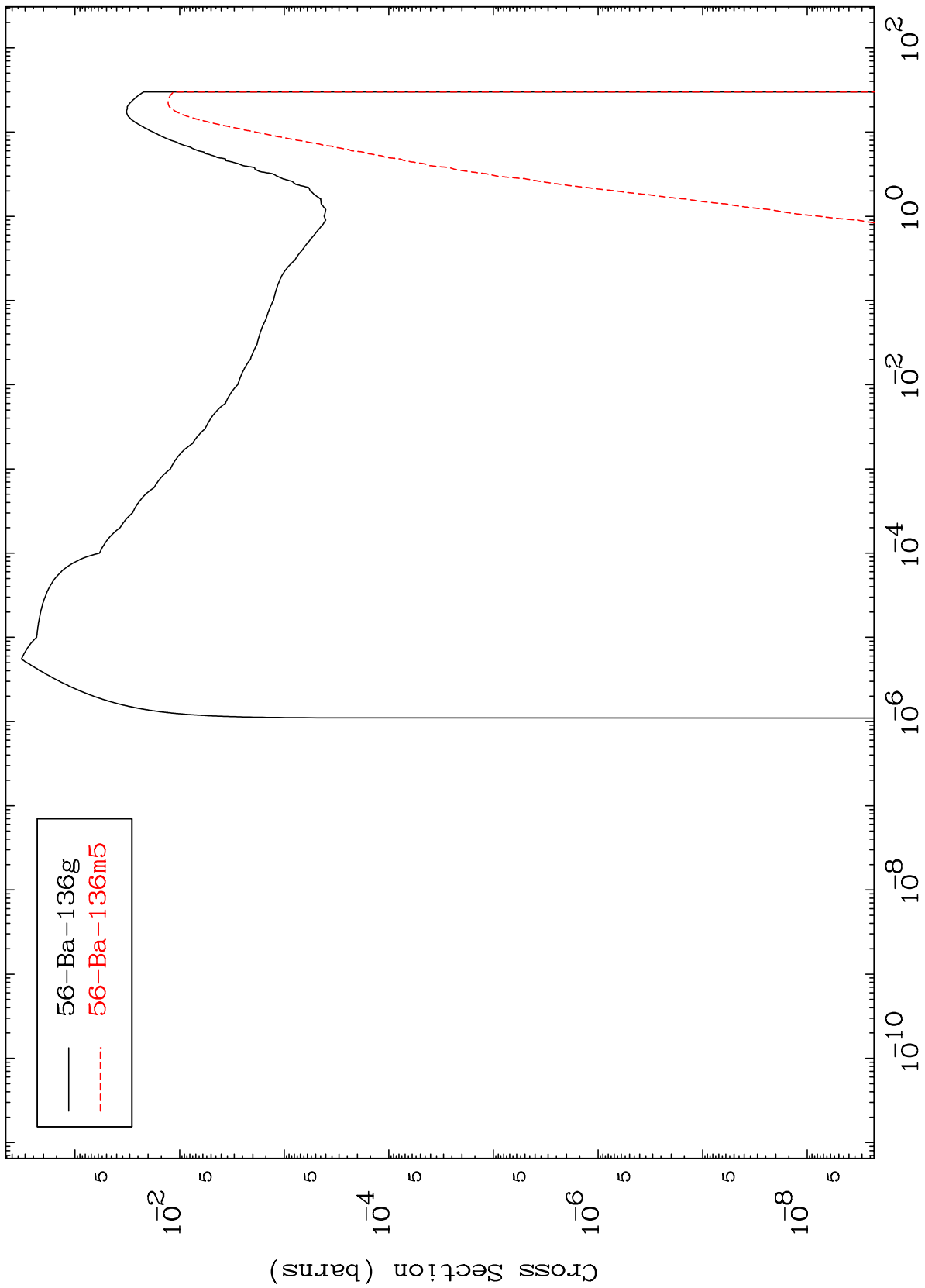
78

57-La-136

MAT 5719

57-La-136

Radionuclide Production Cross Section



79

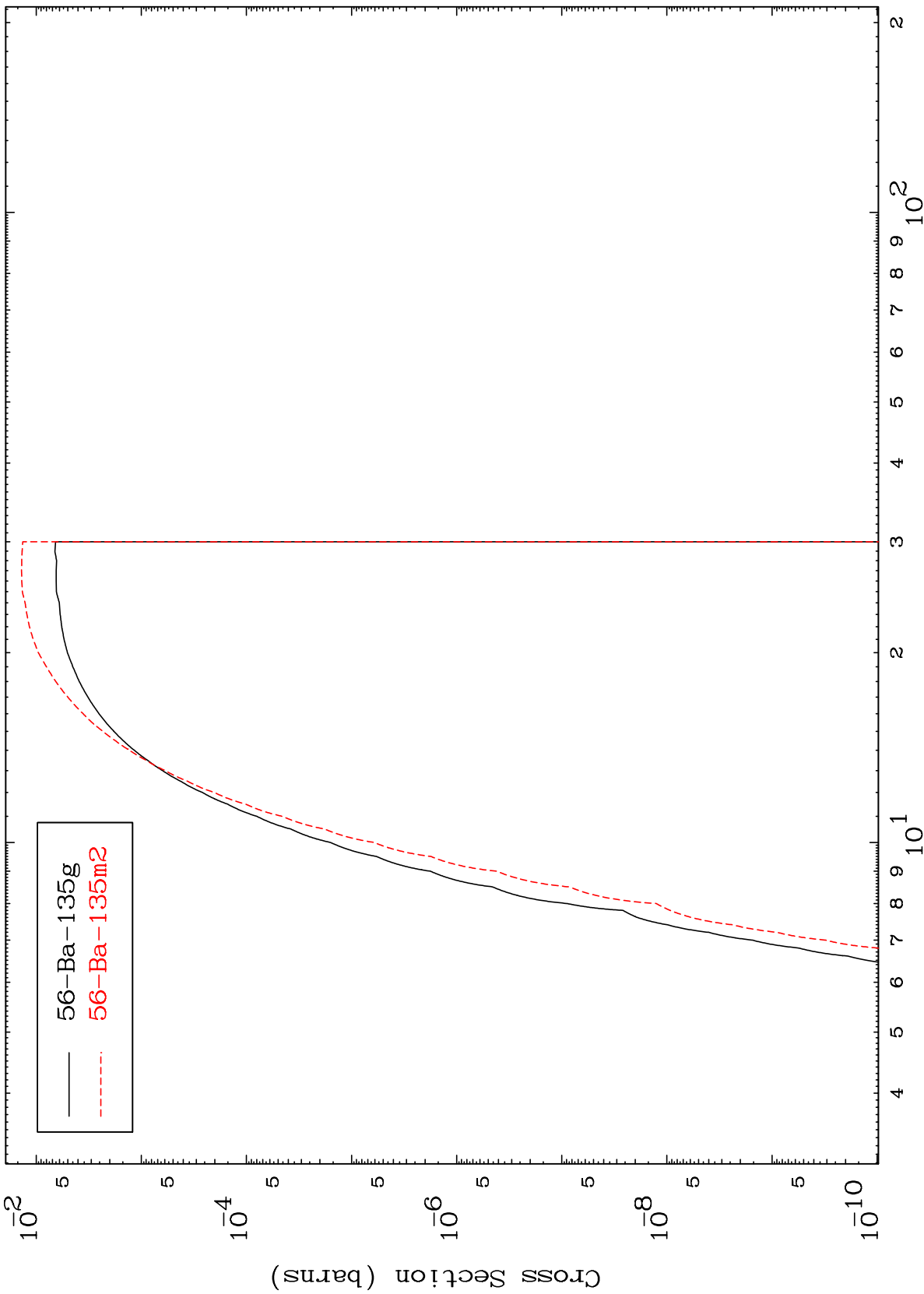
57-La-136



MAT 5719

57-La-136

(n,d)  
Radionuclide Production Cross Section



80

Incident Energy (MeV)

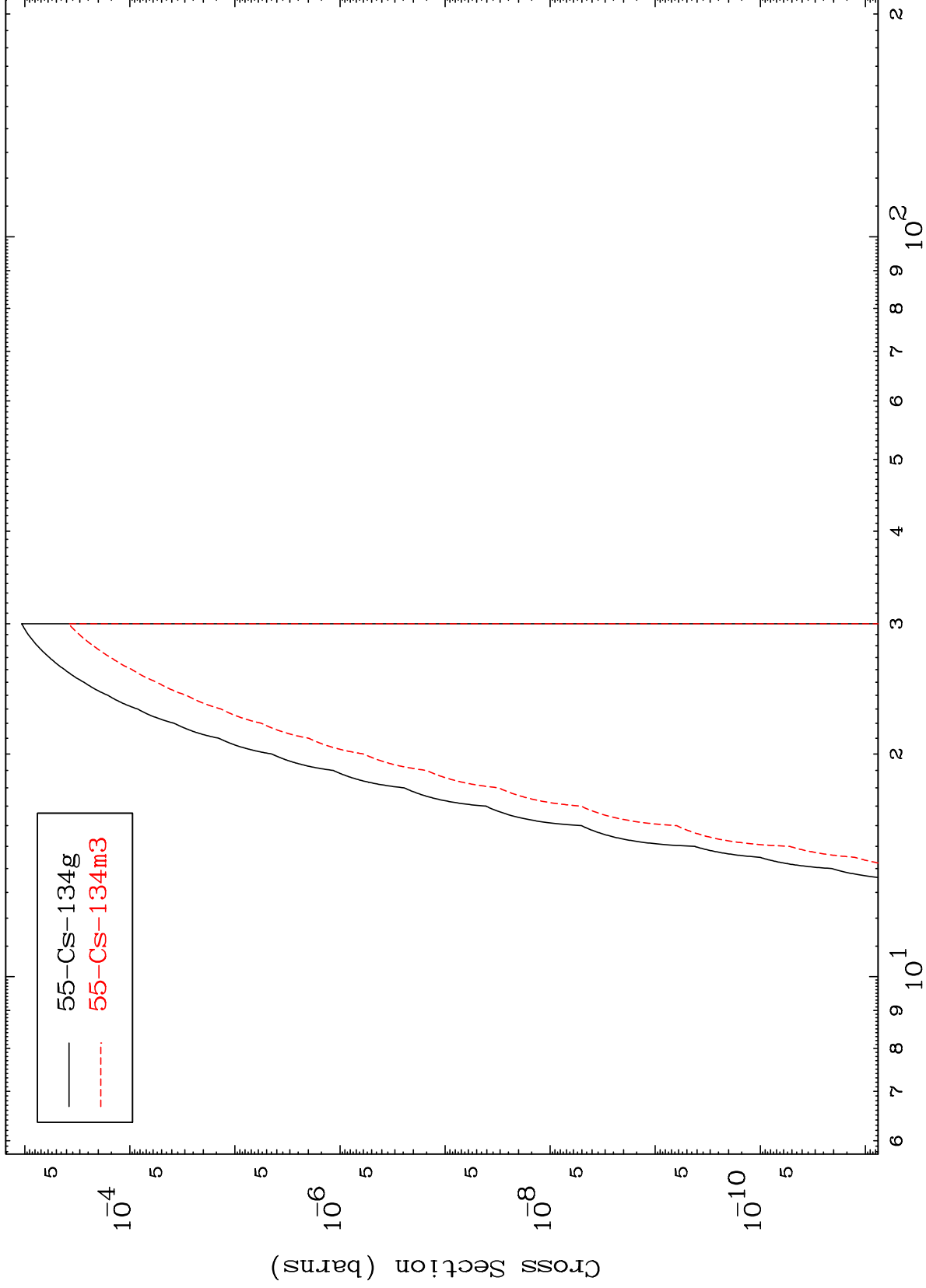
57-La-136

MAT 5719

(n,He-3)

57-La-136

Radionuclide Production Cross Section



81

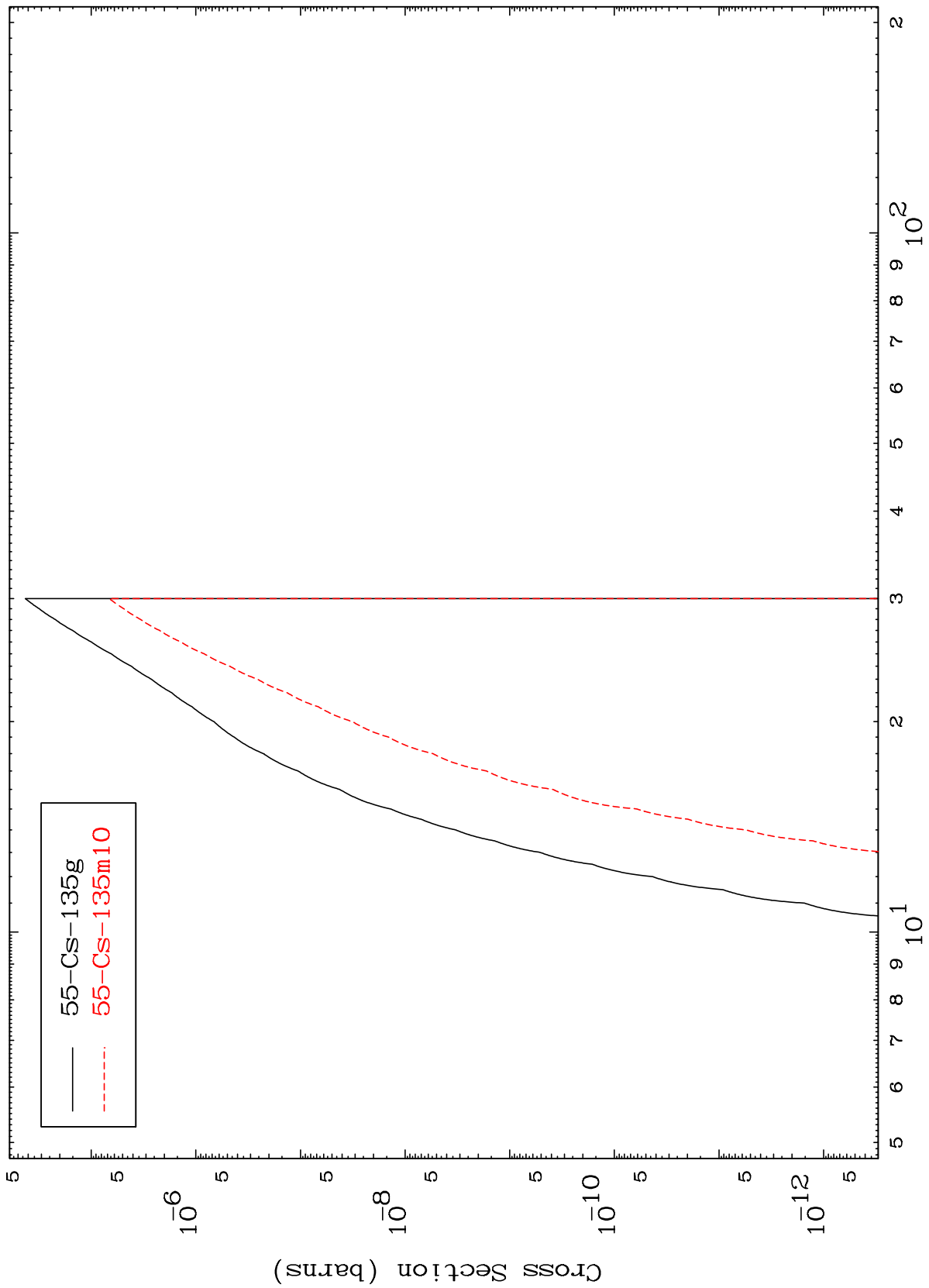
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,2p)  
Radionuclide Production Cross Section



82

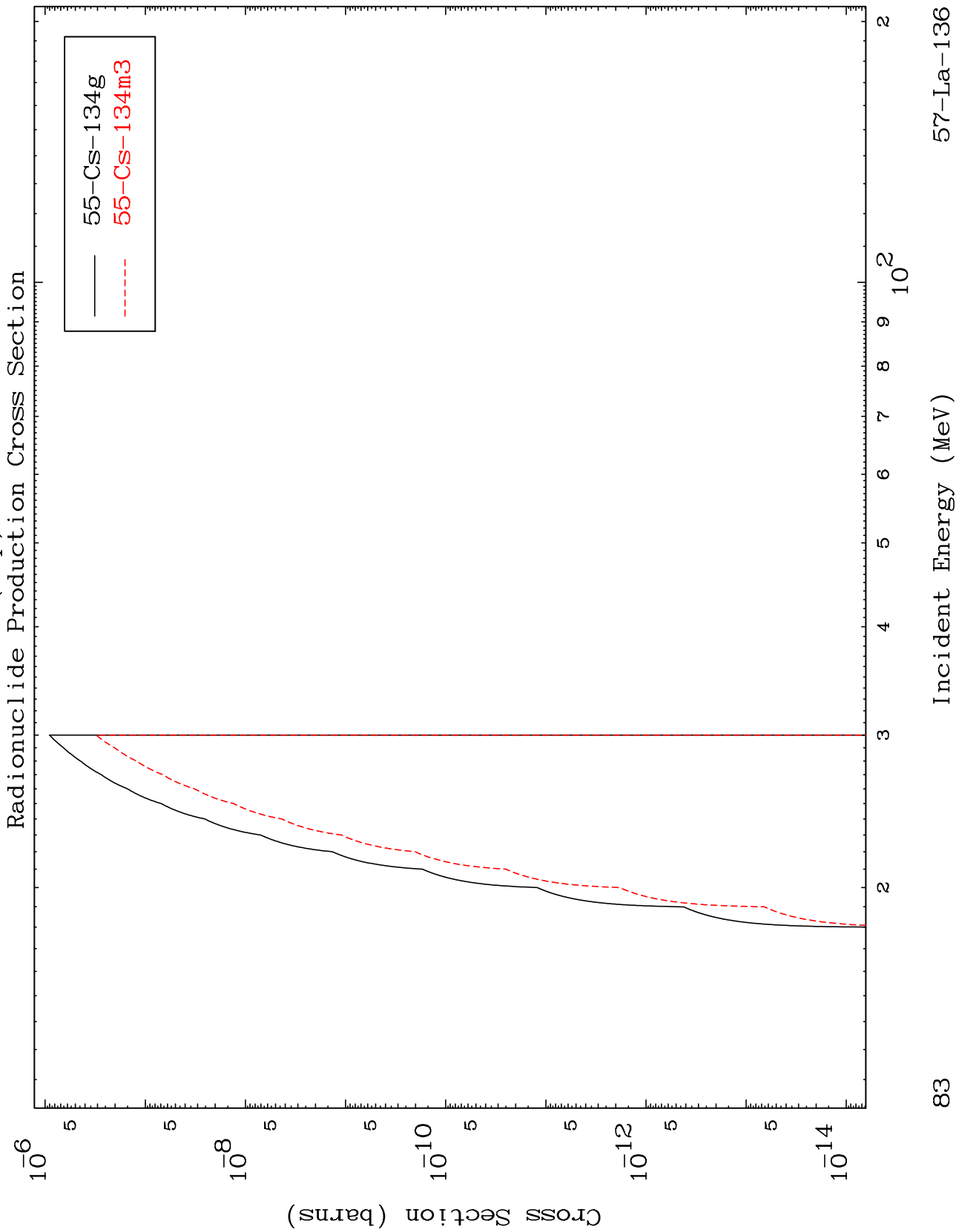
57-La-136

Incident Energy (MeV)

MAT 5719

(n,p) d

57-La-136



83

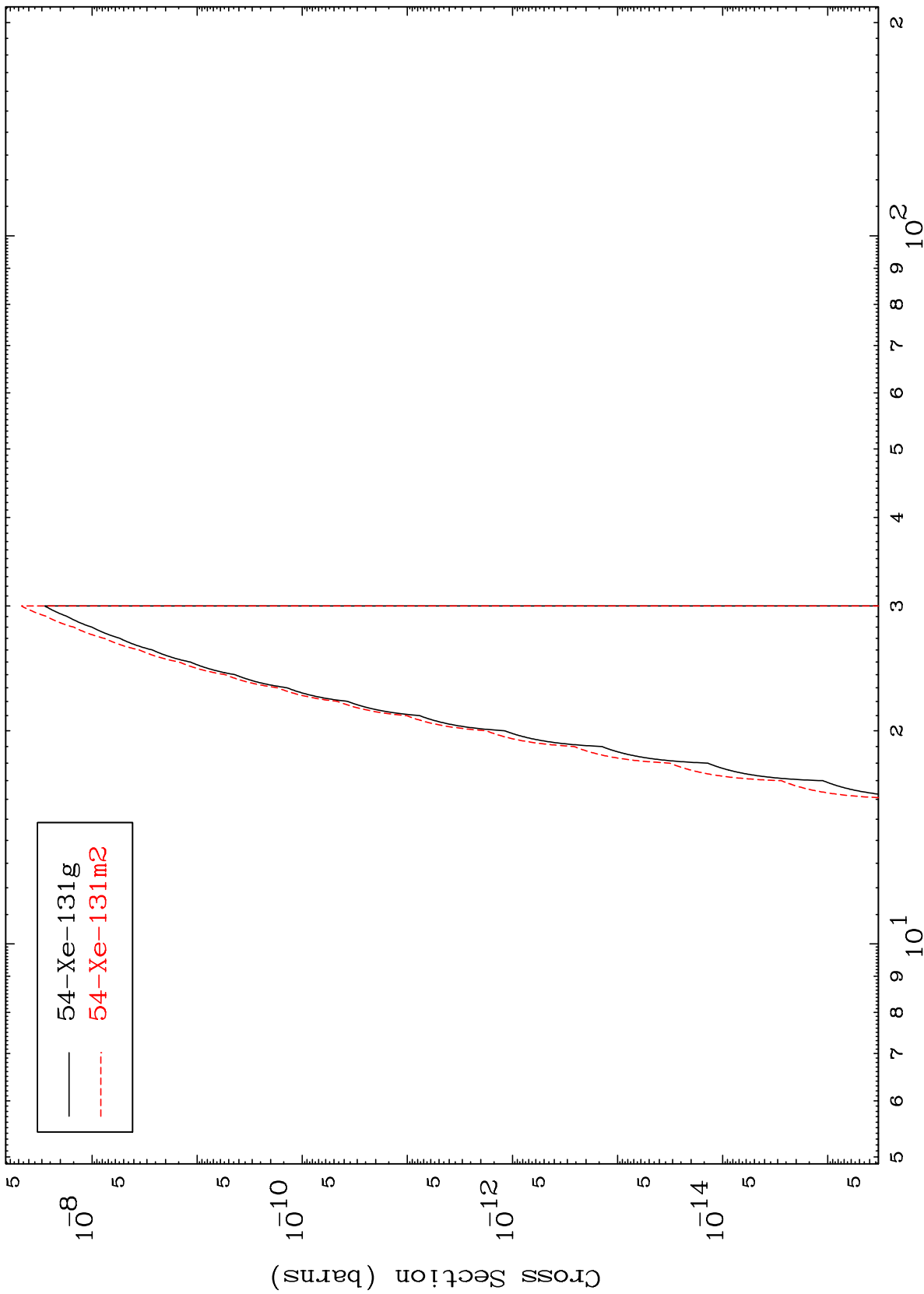
57-La-136

MAT 5719

(n,d)  $\alpha$

57-La-136

Radionuclide Production Cross Section



84

Incident Energy (MeV)

57-La-136