

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

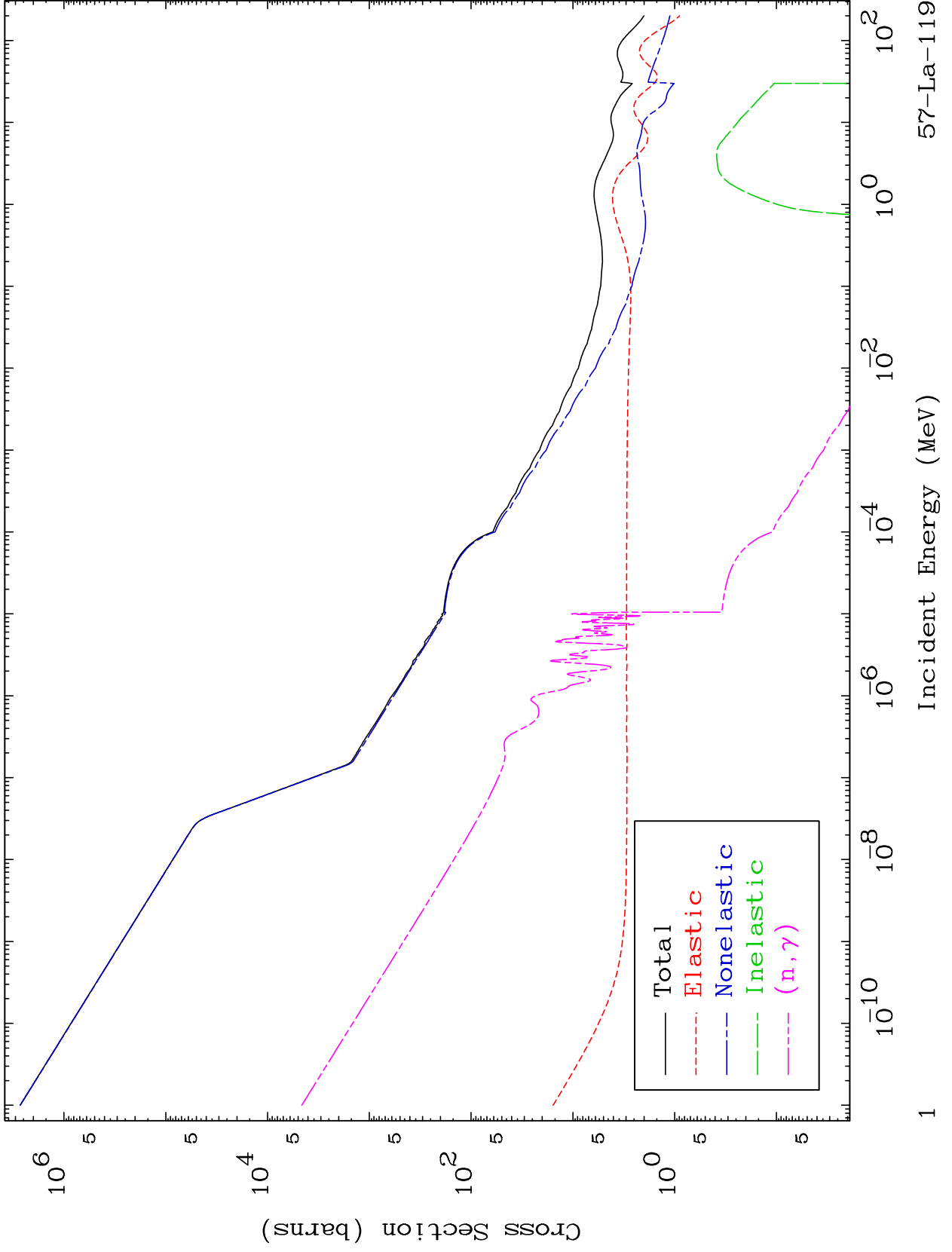
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5668

Neutron Major  
293 Kelvin Cross Sections

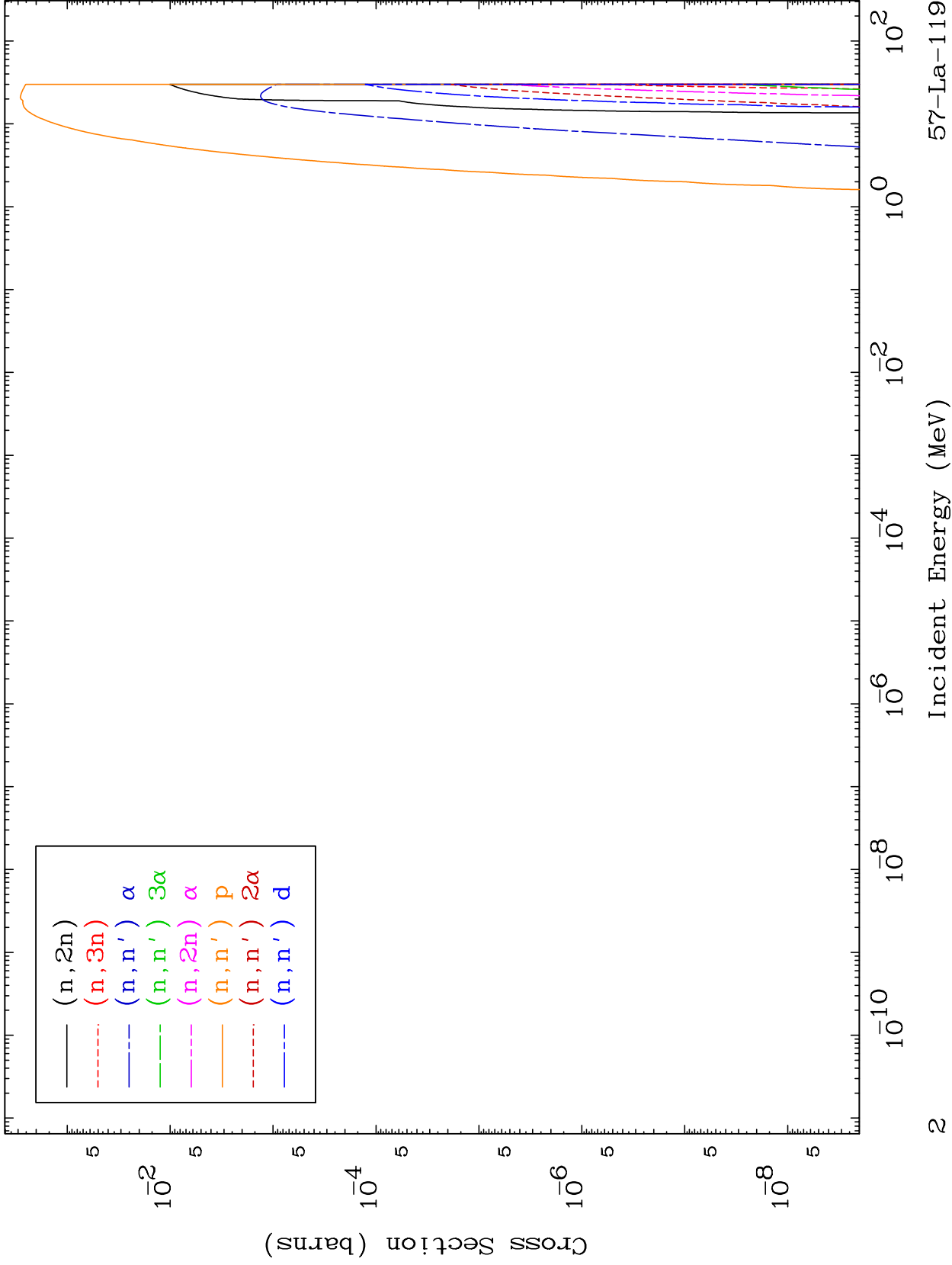
57-La-119

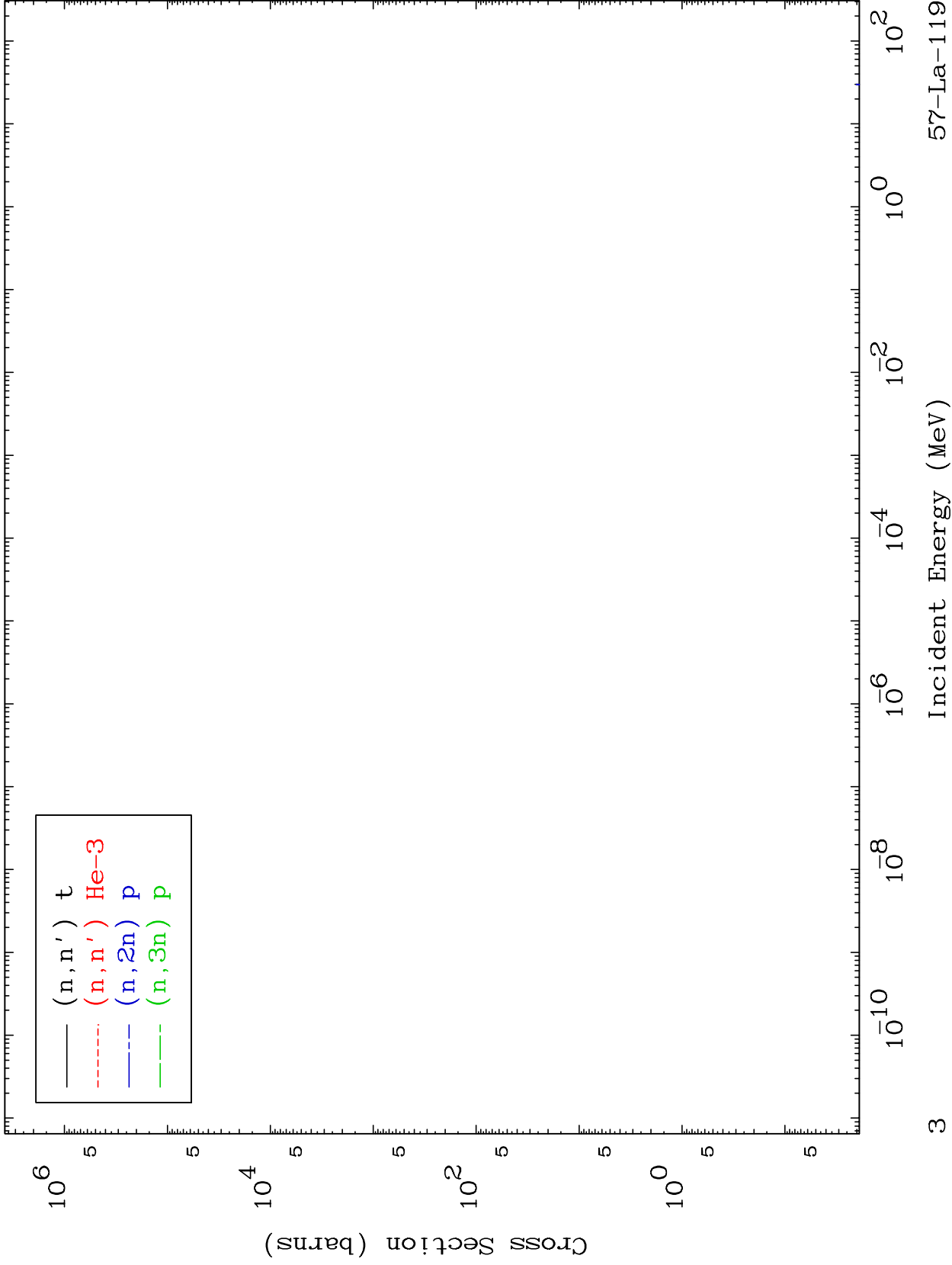


MAT 5668

Neutron Absorption  
293 Kelvin Cross Sections

57-La-119

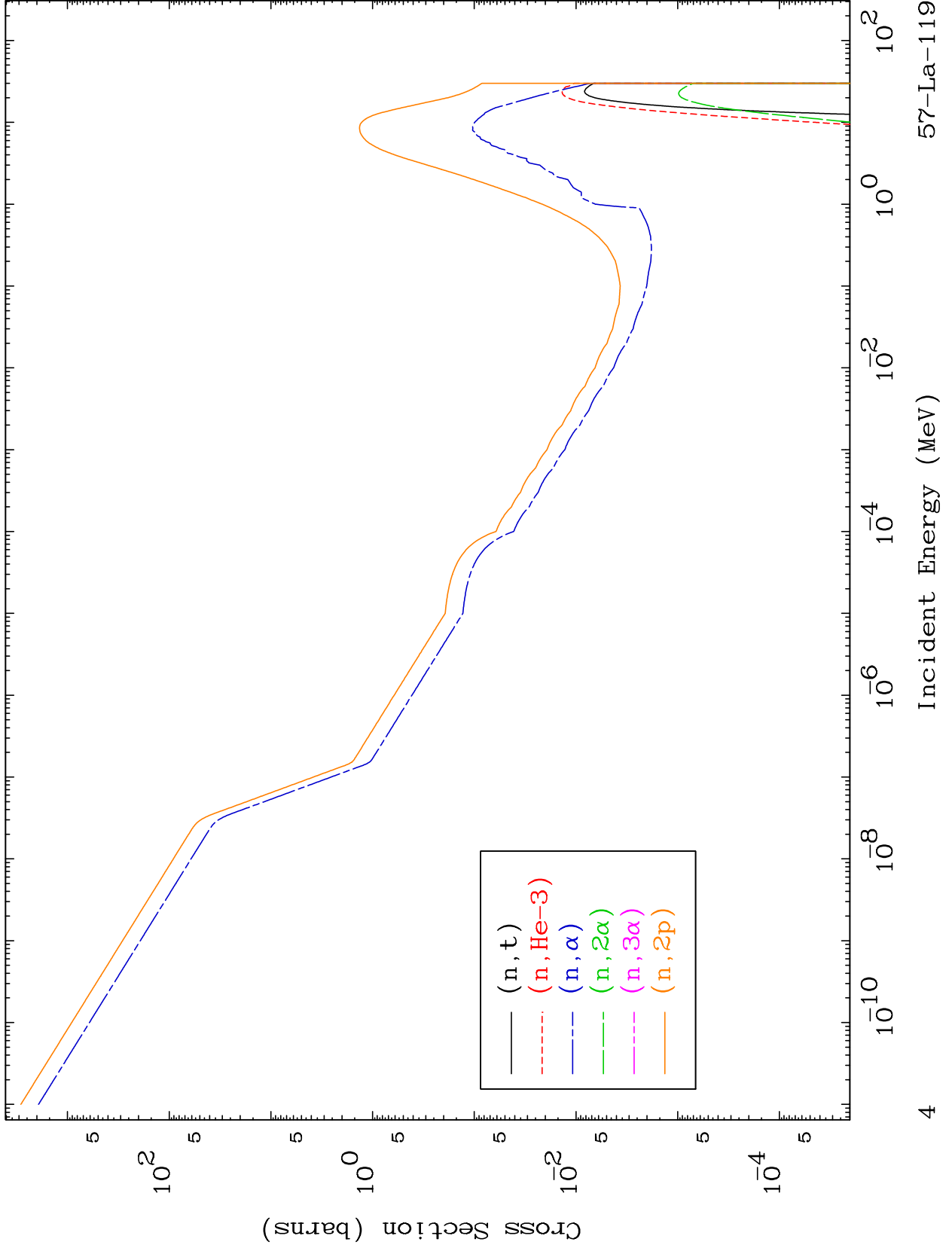




MAT 5668

Neutron Absorption  
293 Kelvin Cross Sections

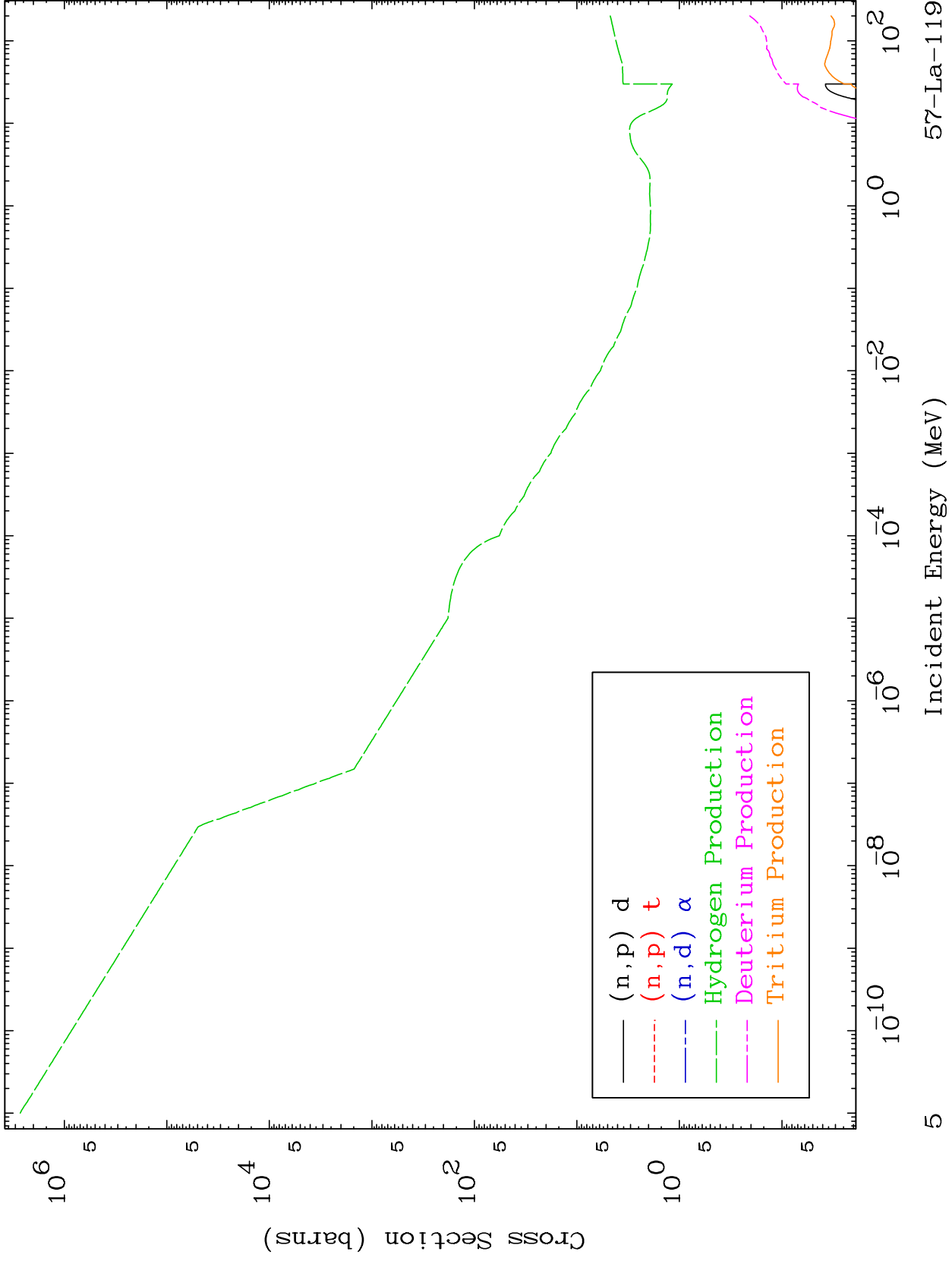
57-La-119



MAT 5668

Neutron Absorption  
293 Kelvin Cross Sections

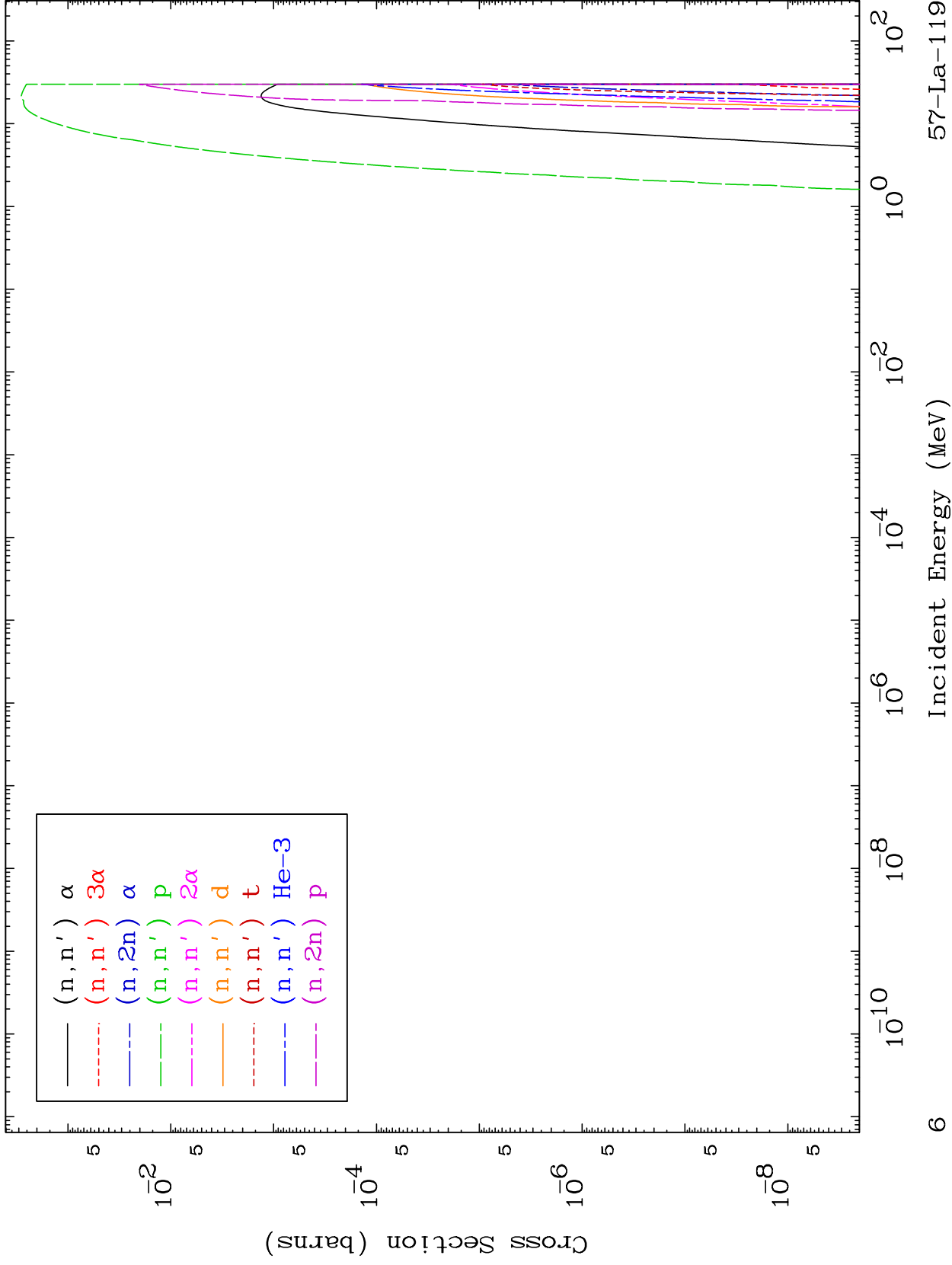
57-La-119



MAT 5668

Charged Particle  
293 Kelvin Cross Sections

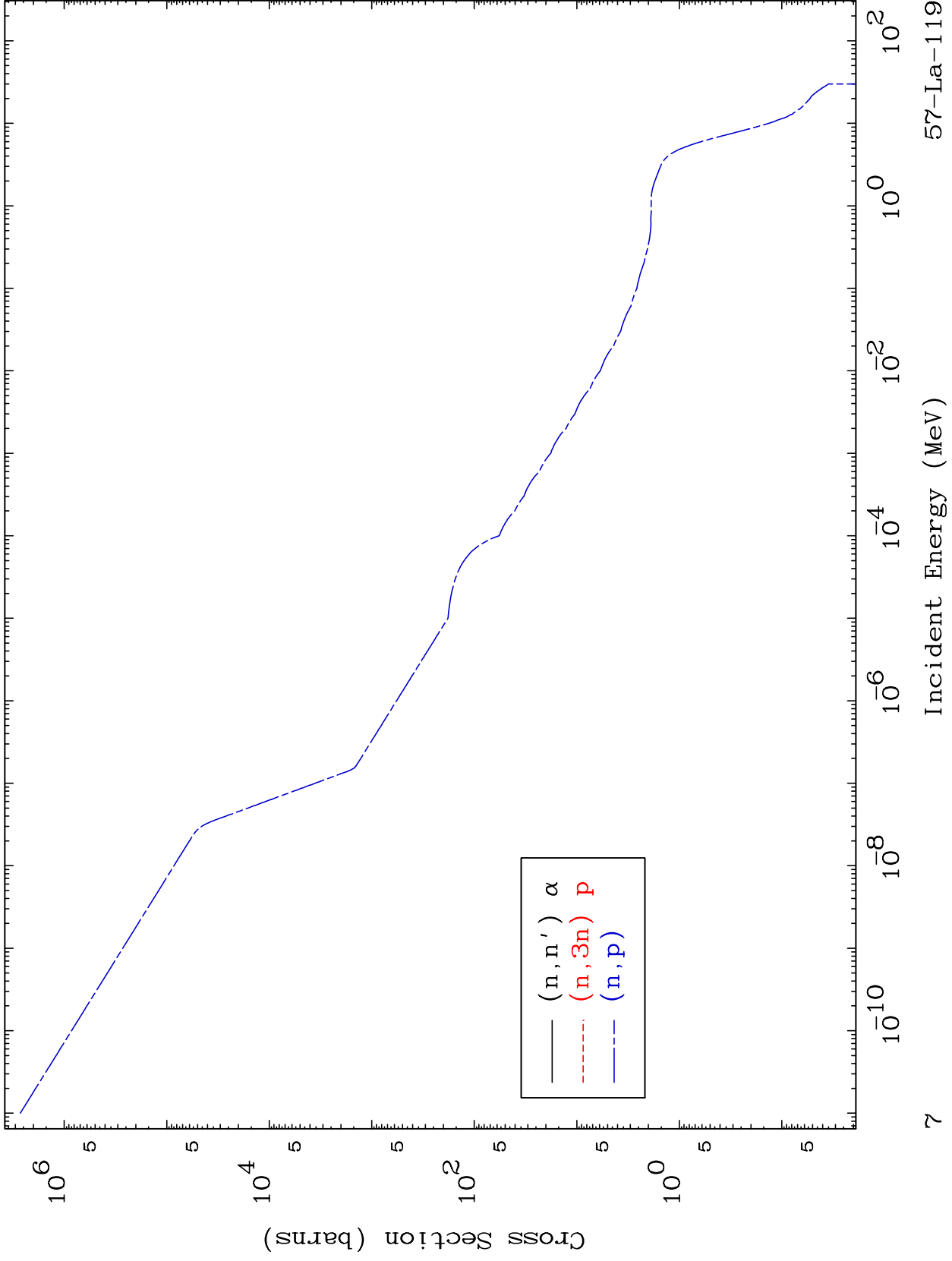
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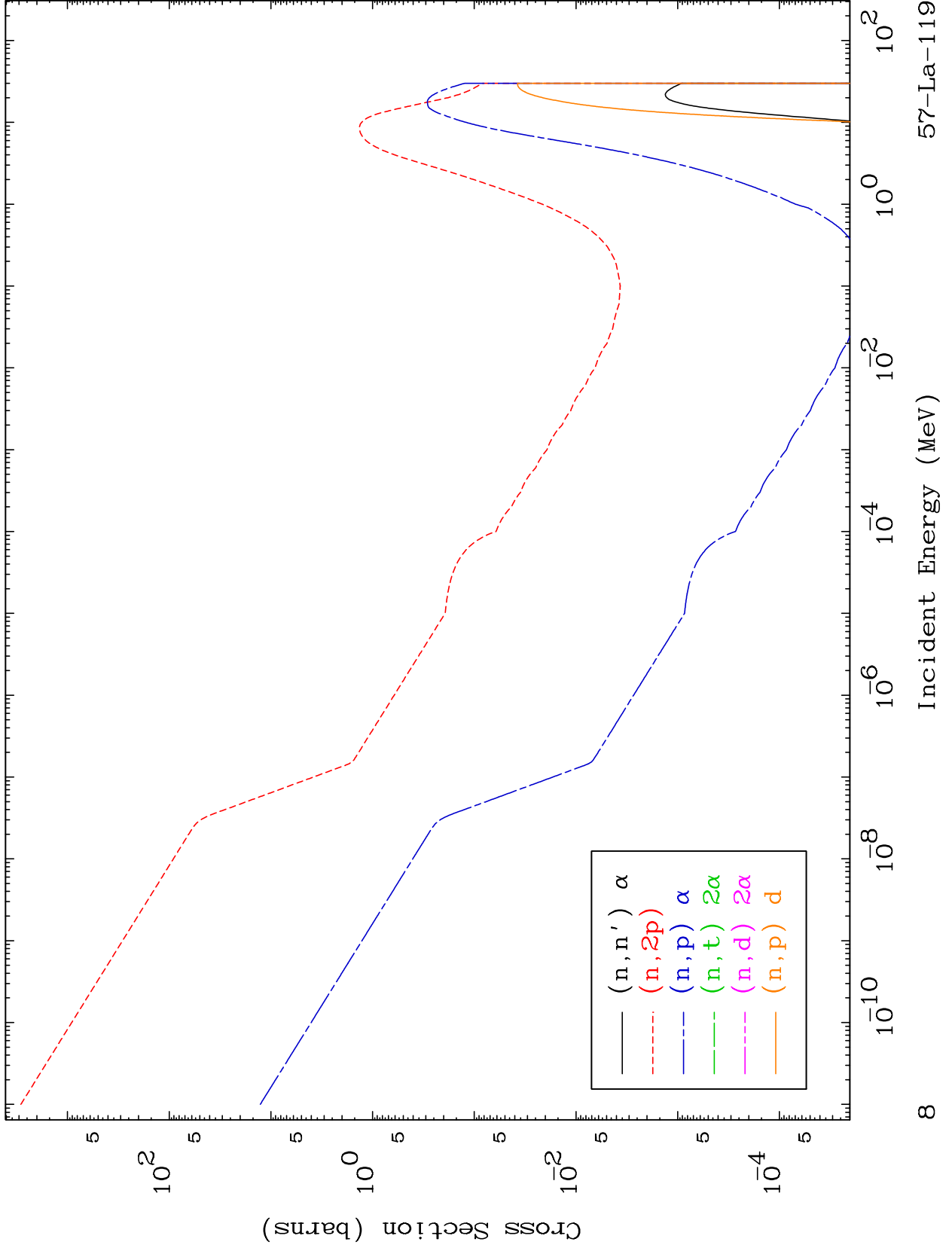
MAT 5668

Charged Particle  
293 Kelvin Cross Sections

57-La-119



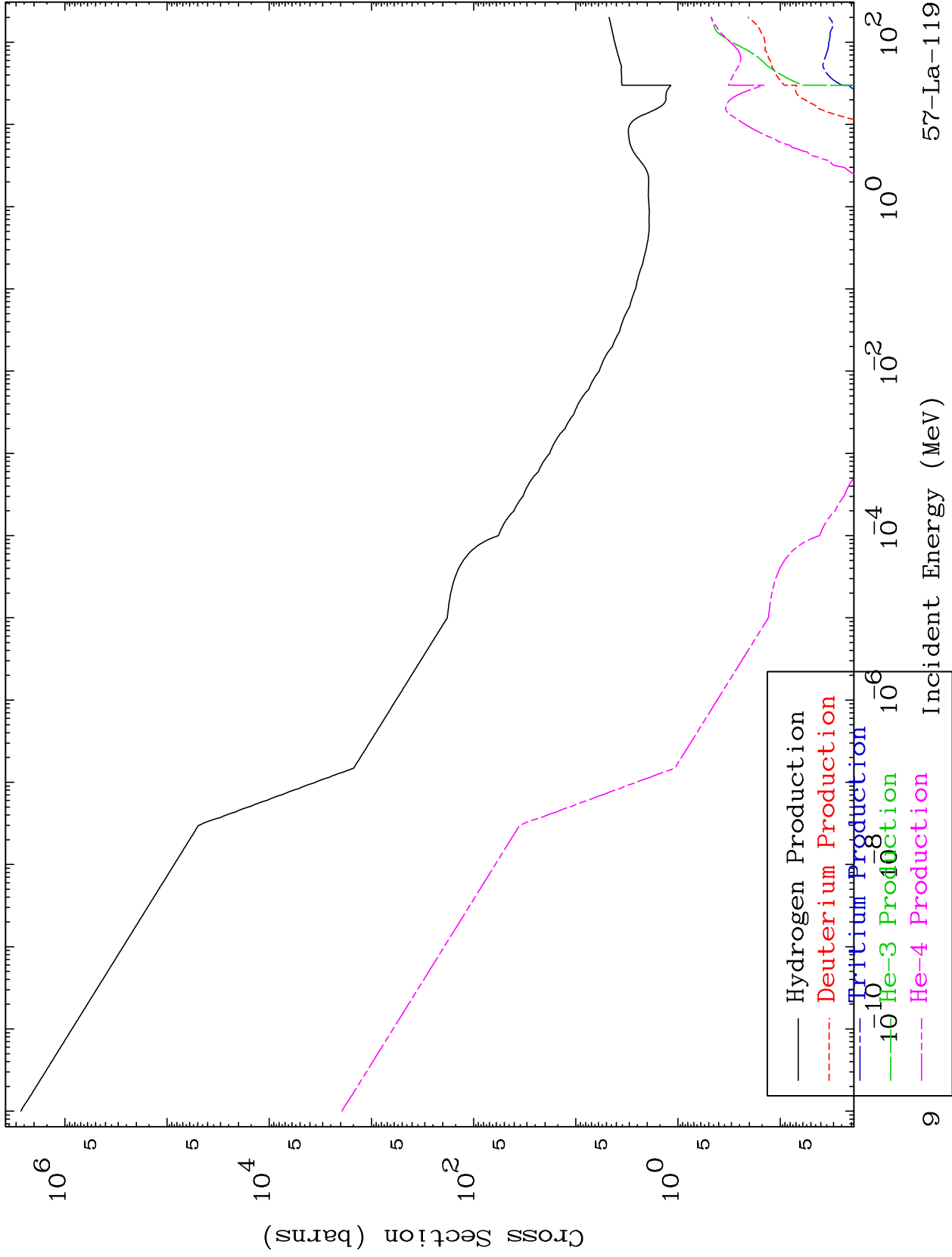




MAT 5668

Particle Production  
293 Kelvin Cross Sections

57-La-119



57-La-119

Incident Energy (MeV)

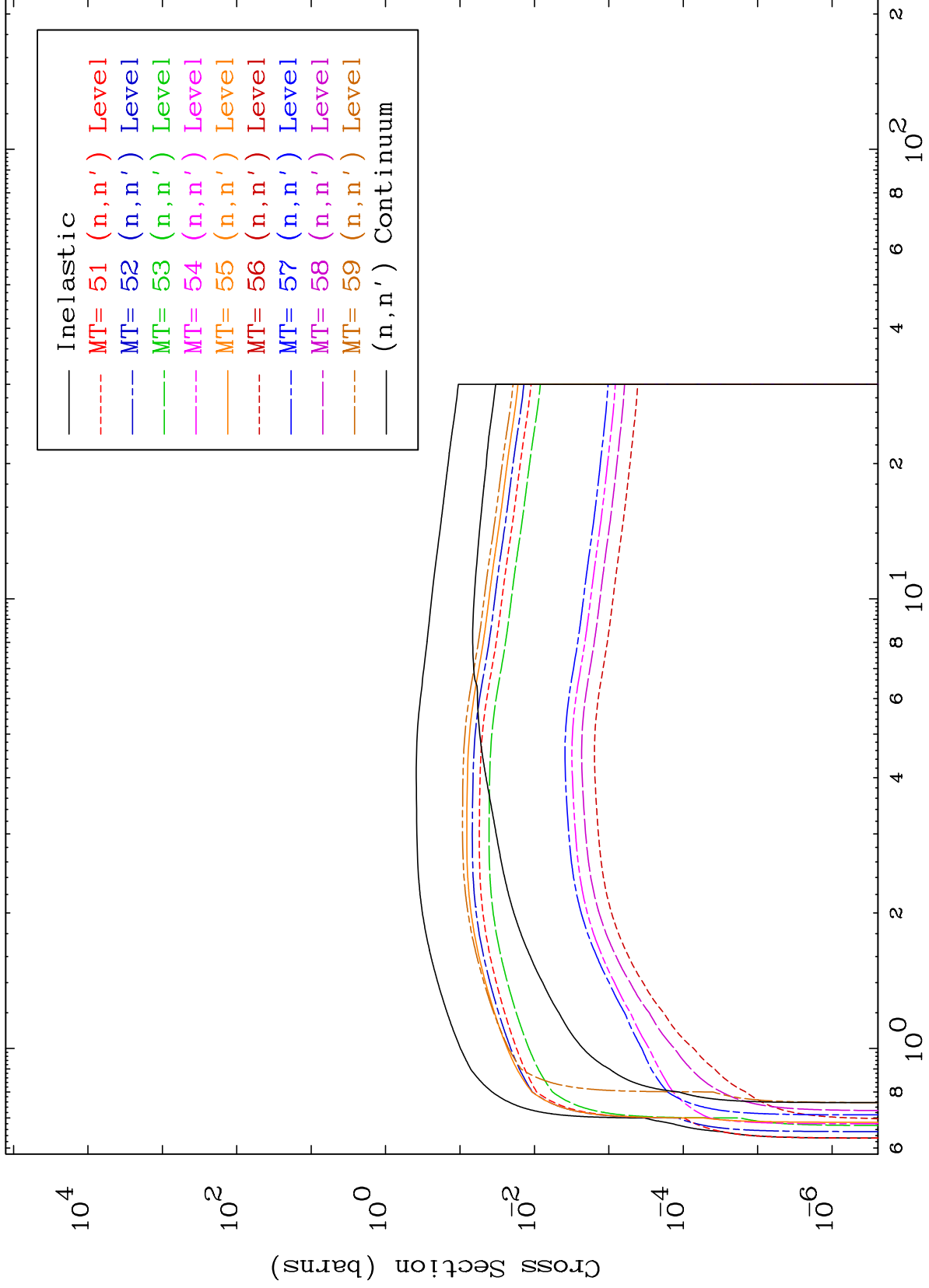


MAT 5668

(n,n') Levels

57-La-119

293 Kelvin Cross Sections



10

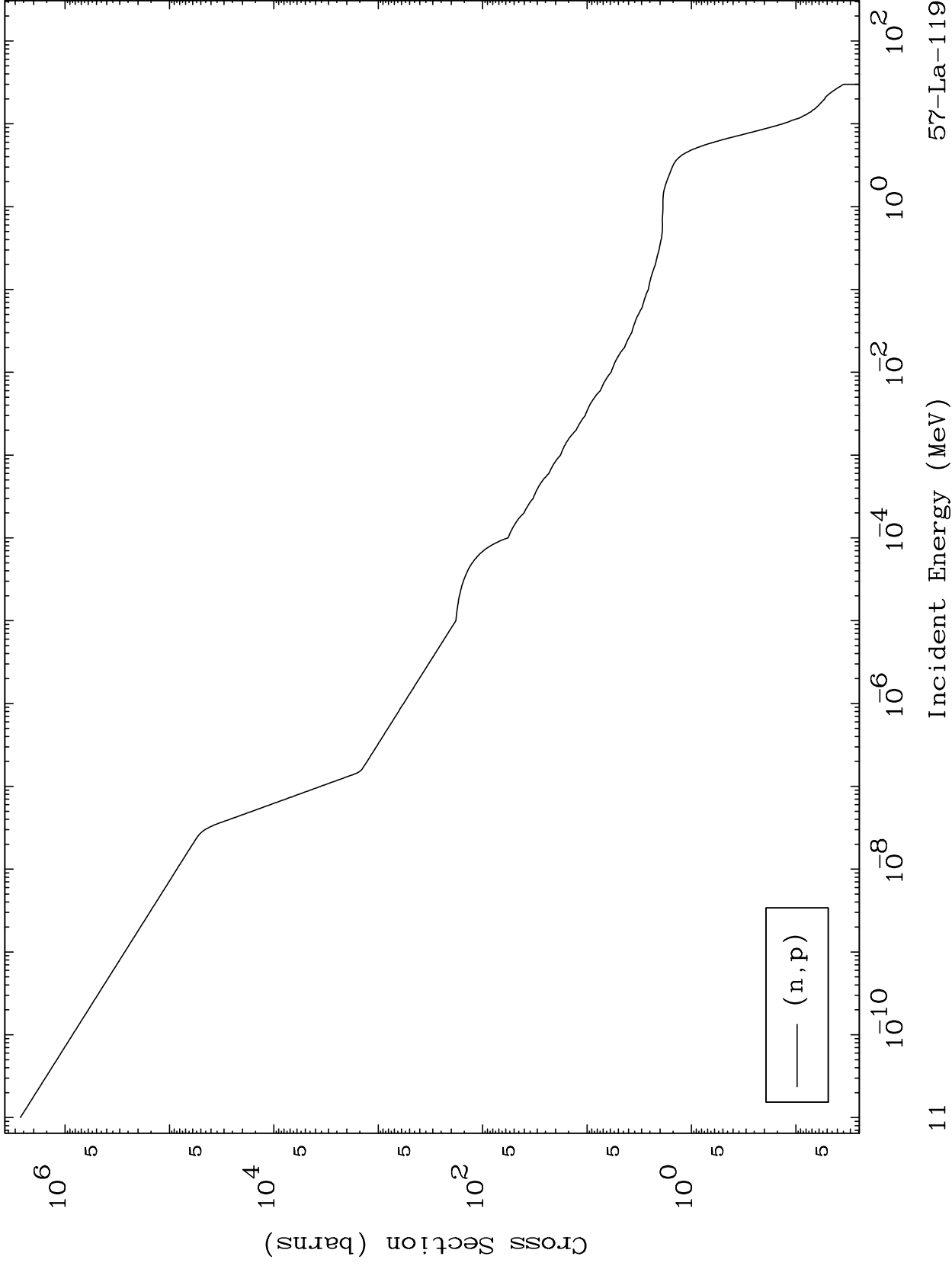
Incident Energy (MeV)

57-La-119

MAT 5668

(n,p) Levels  
293 Kelvin Cross Sections

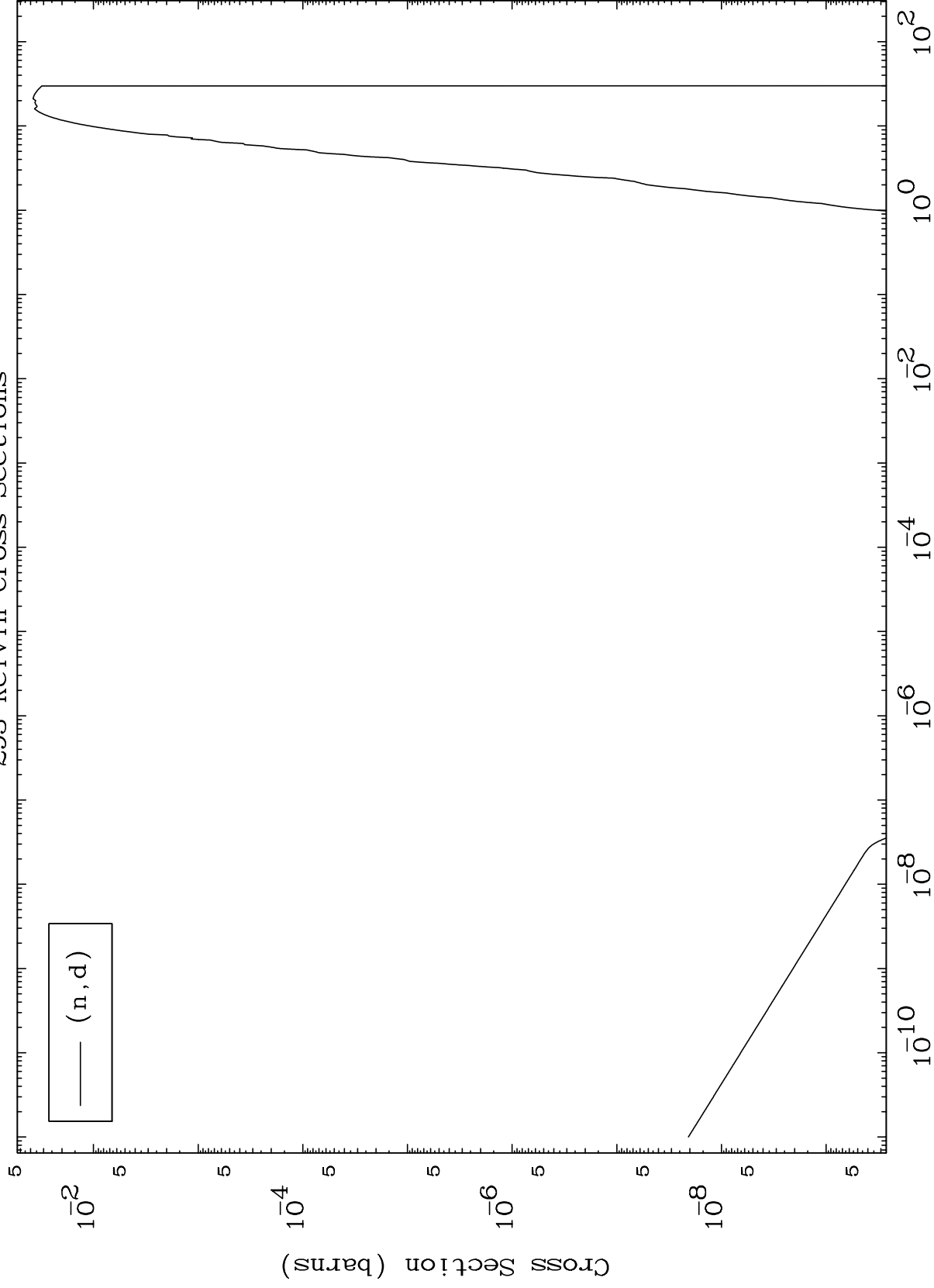
57-La-119



MAT 5668

(n,d) Levels  
293 Kelvin Cross Sections

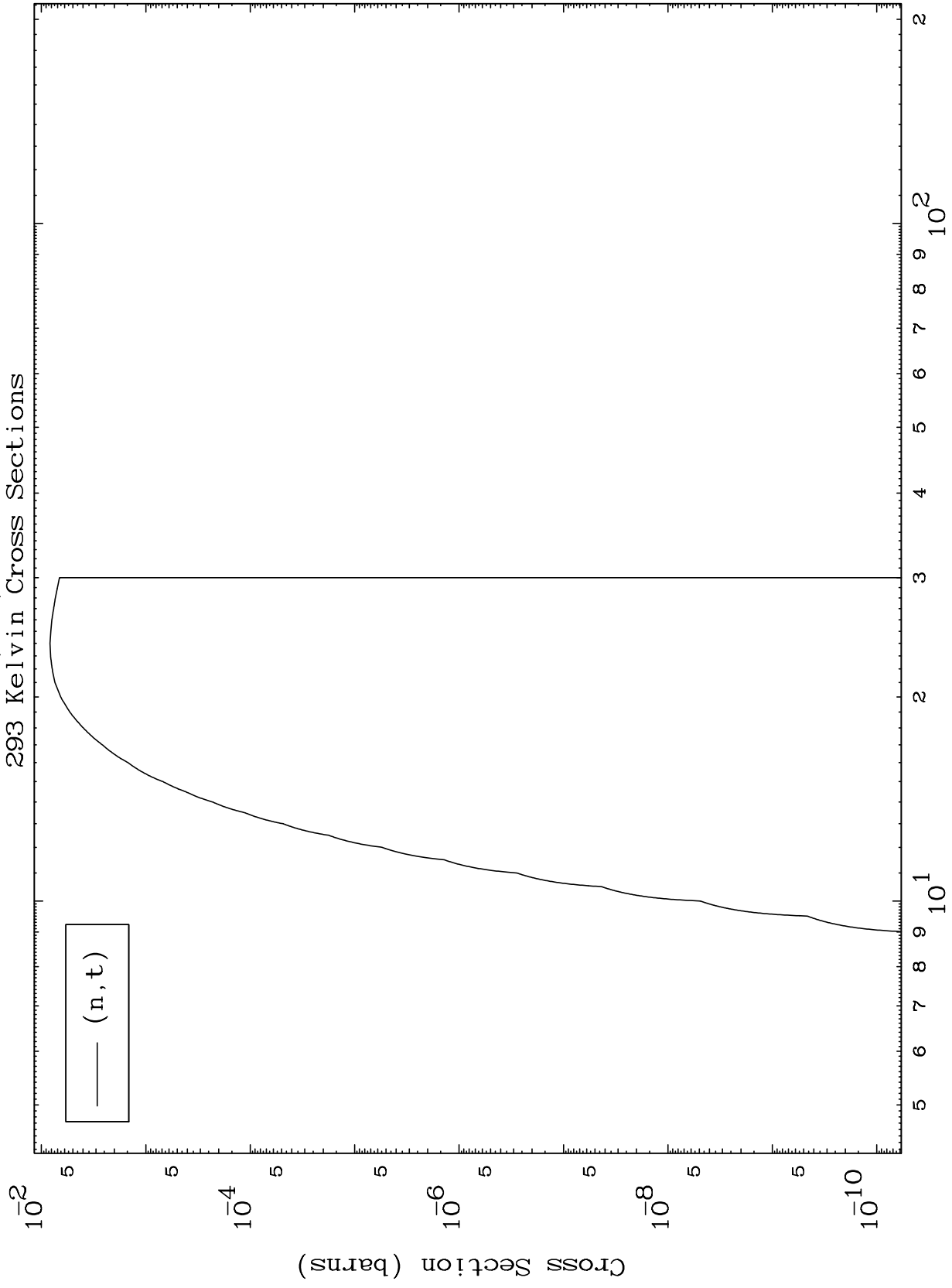
57-La-119



MAT 5668

(n,t) Levels  
293 Kelvin Cross Sections

57-La-119



13

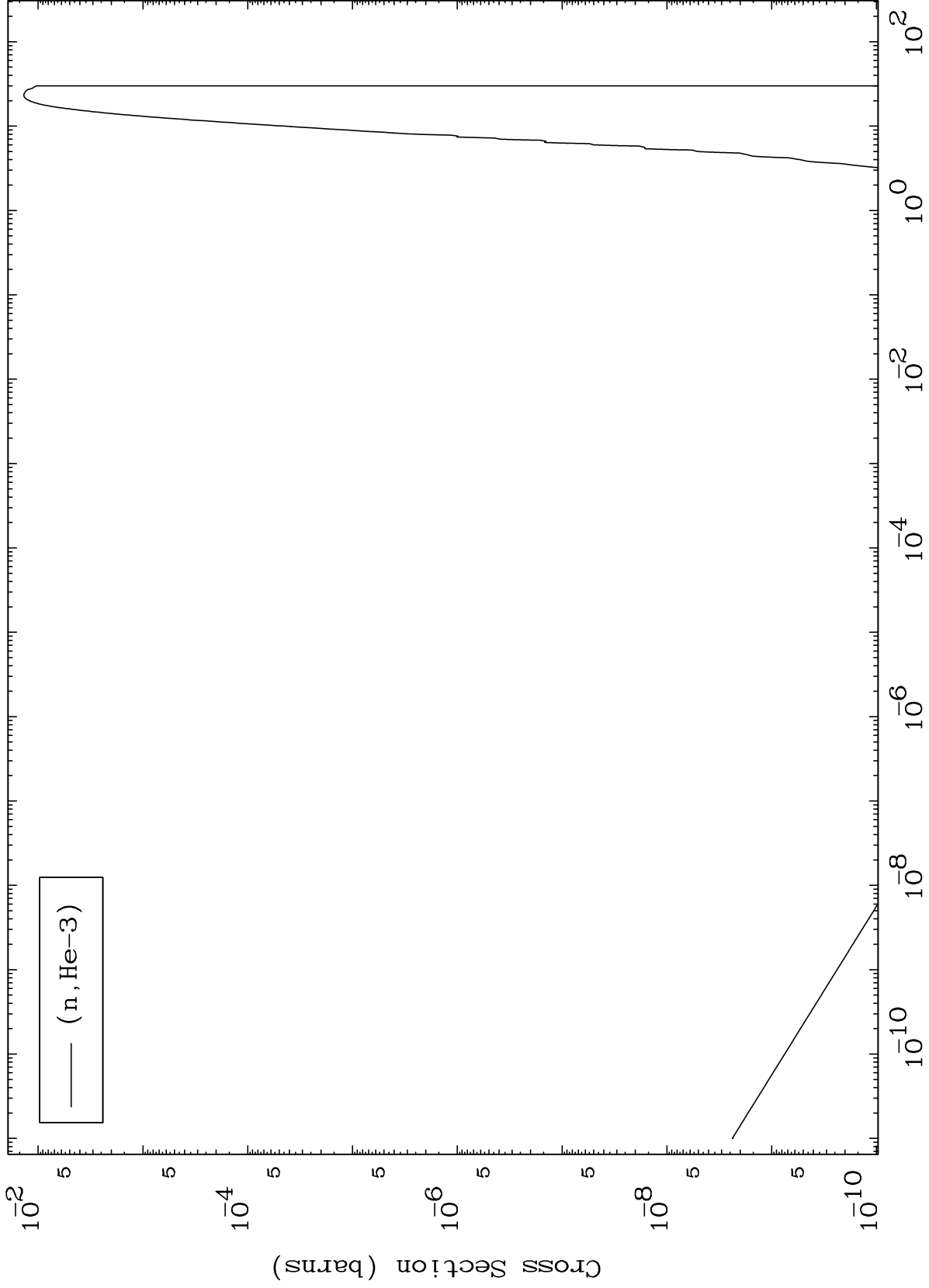
Incident Energy (MeV)

57-La-119

MAT 5668

(n,He3) Levels  
293 Kelvin Cross Sections

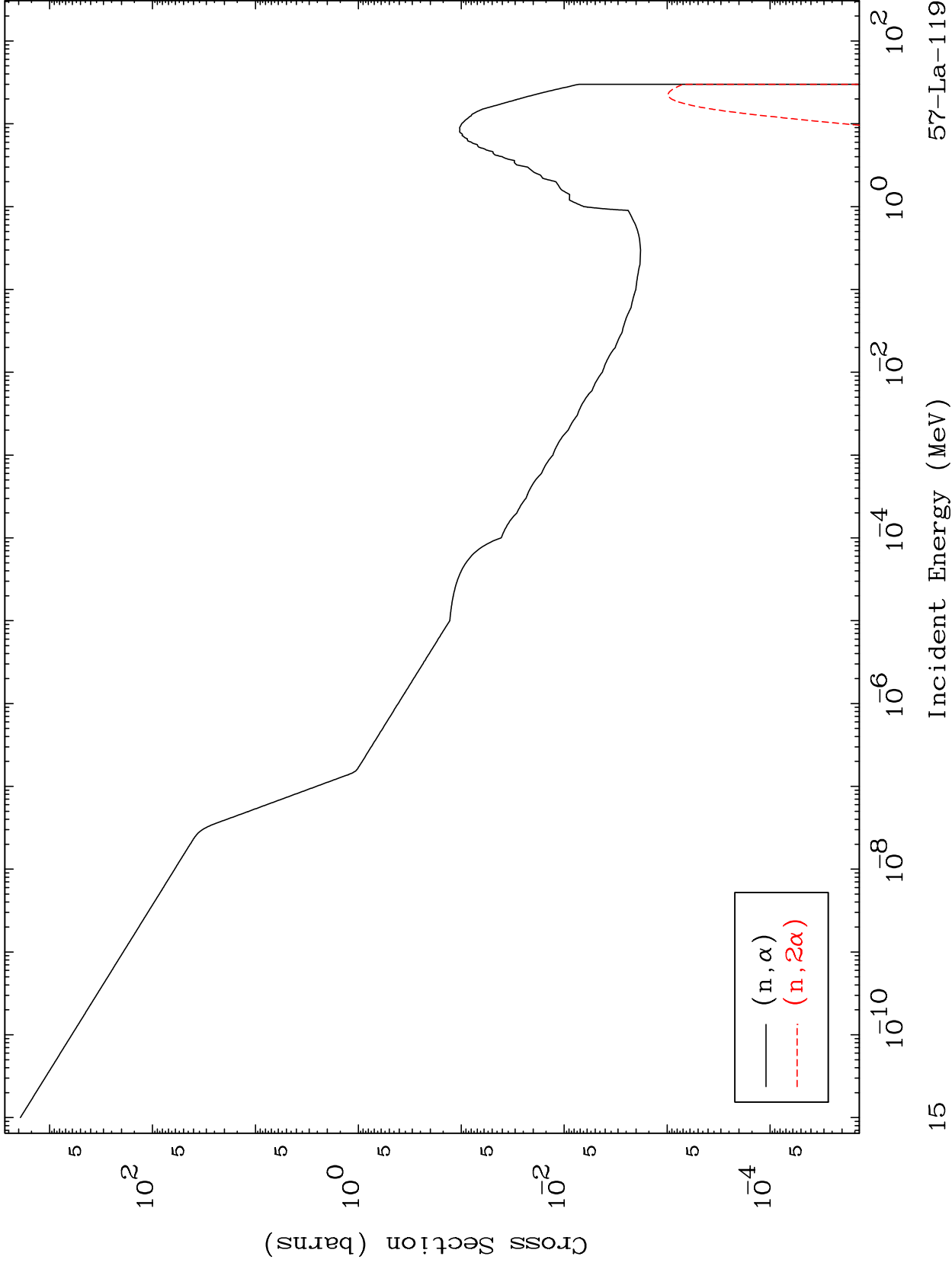
57-La-119



MAT 5668

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

57-La-119



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Incident Energy (MeV)

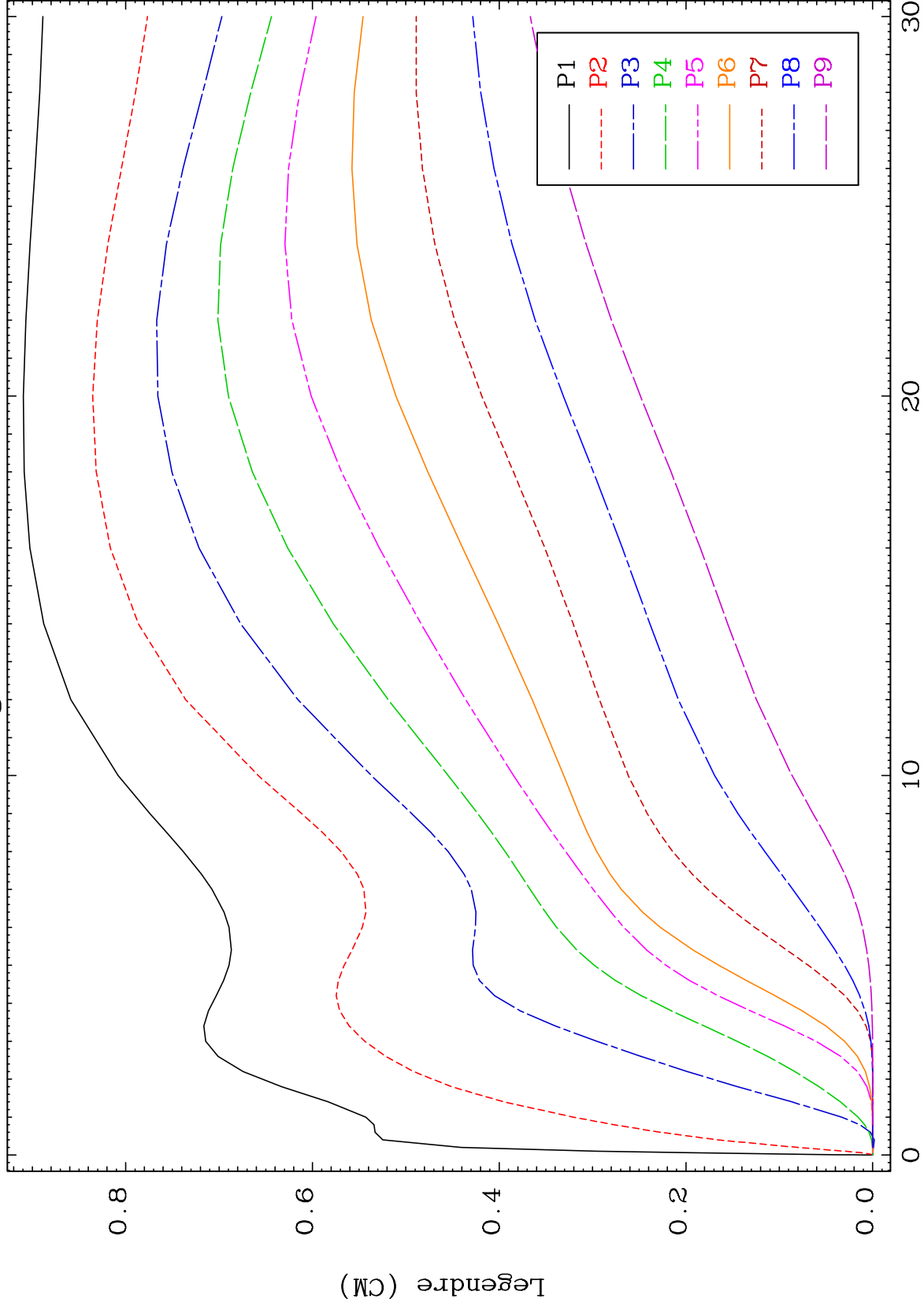
57-La-119



MAT 5668

Elastic Legendre Coefficients

57-La-119



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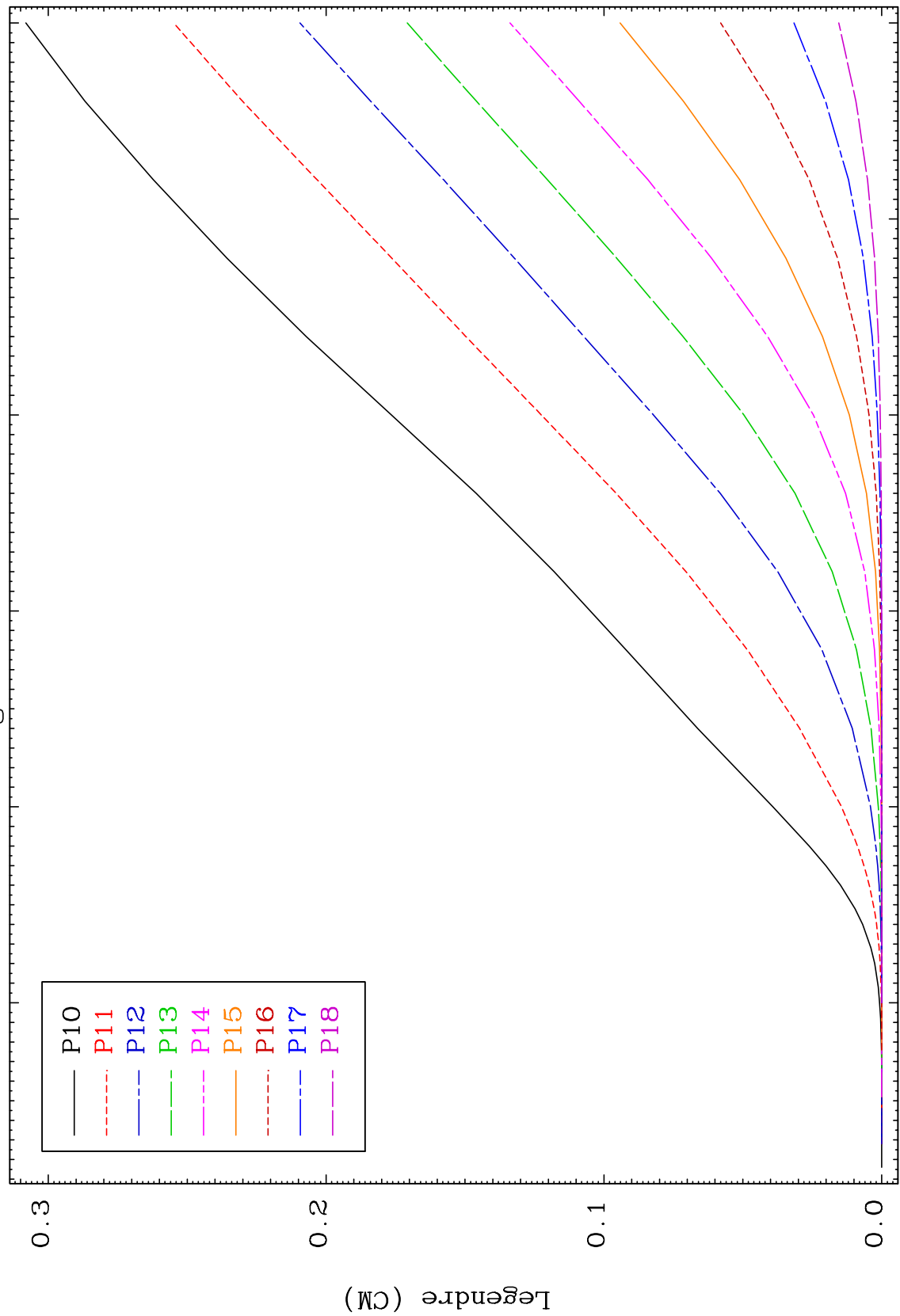
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



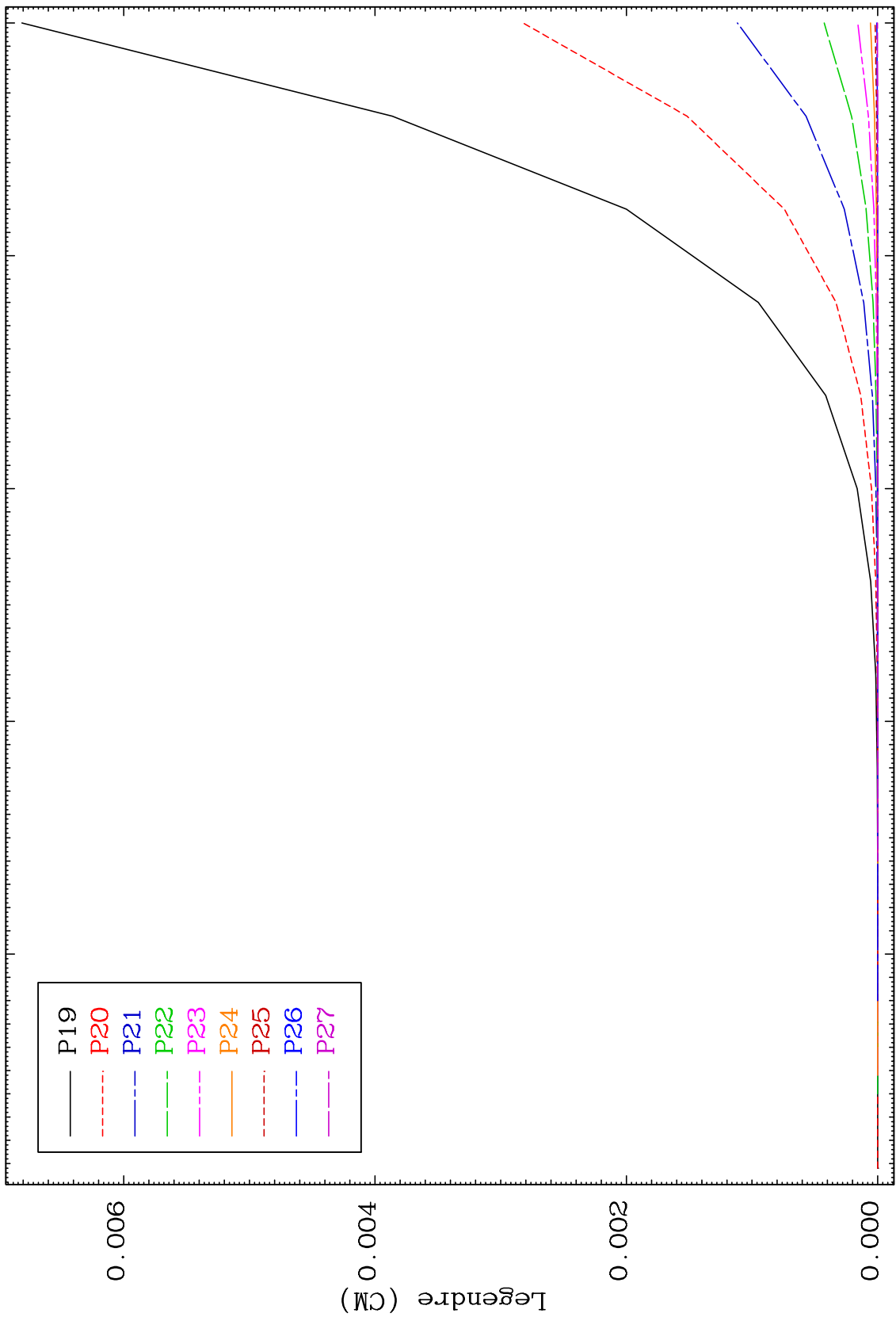
17

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



18

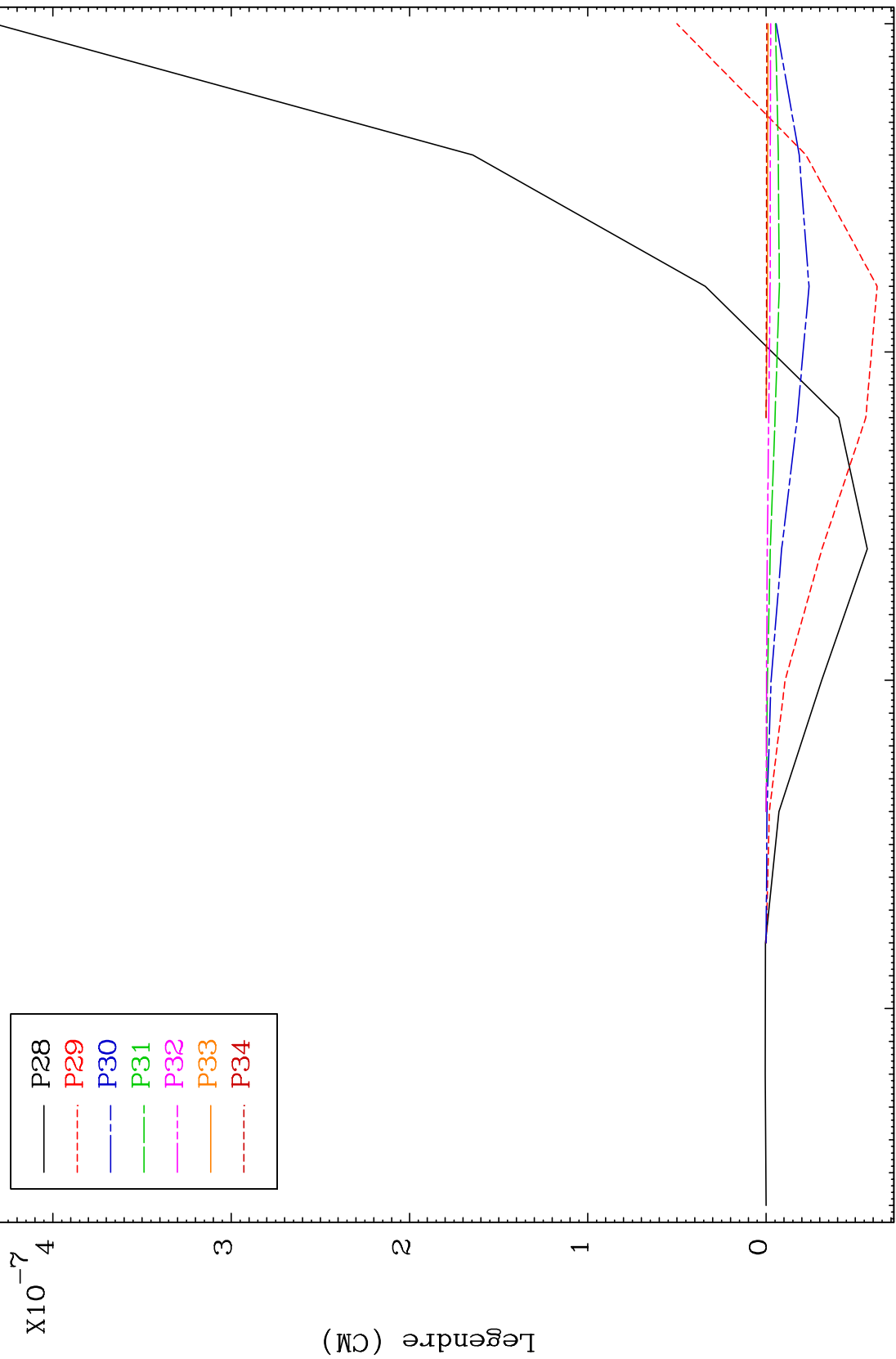
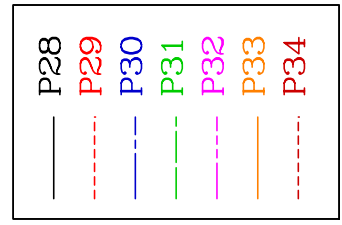
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



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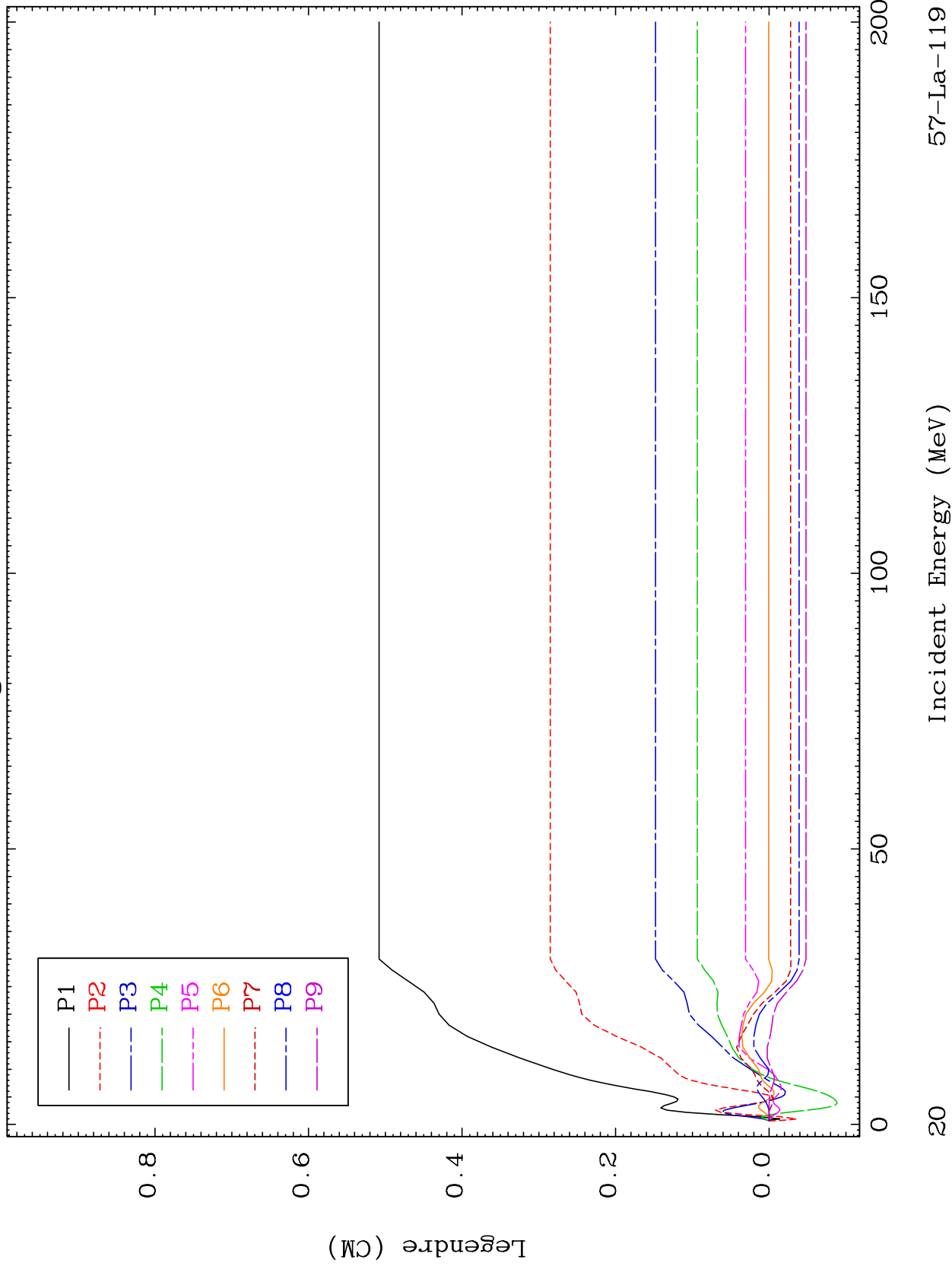
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



57-La-119

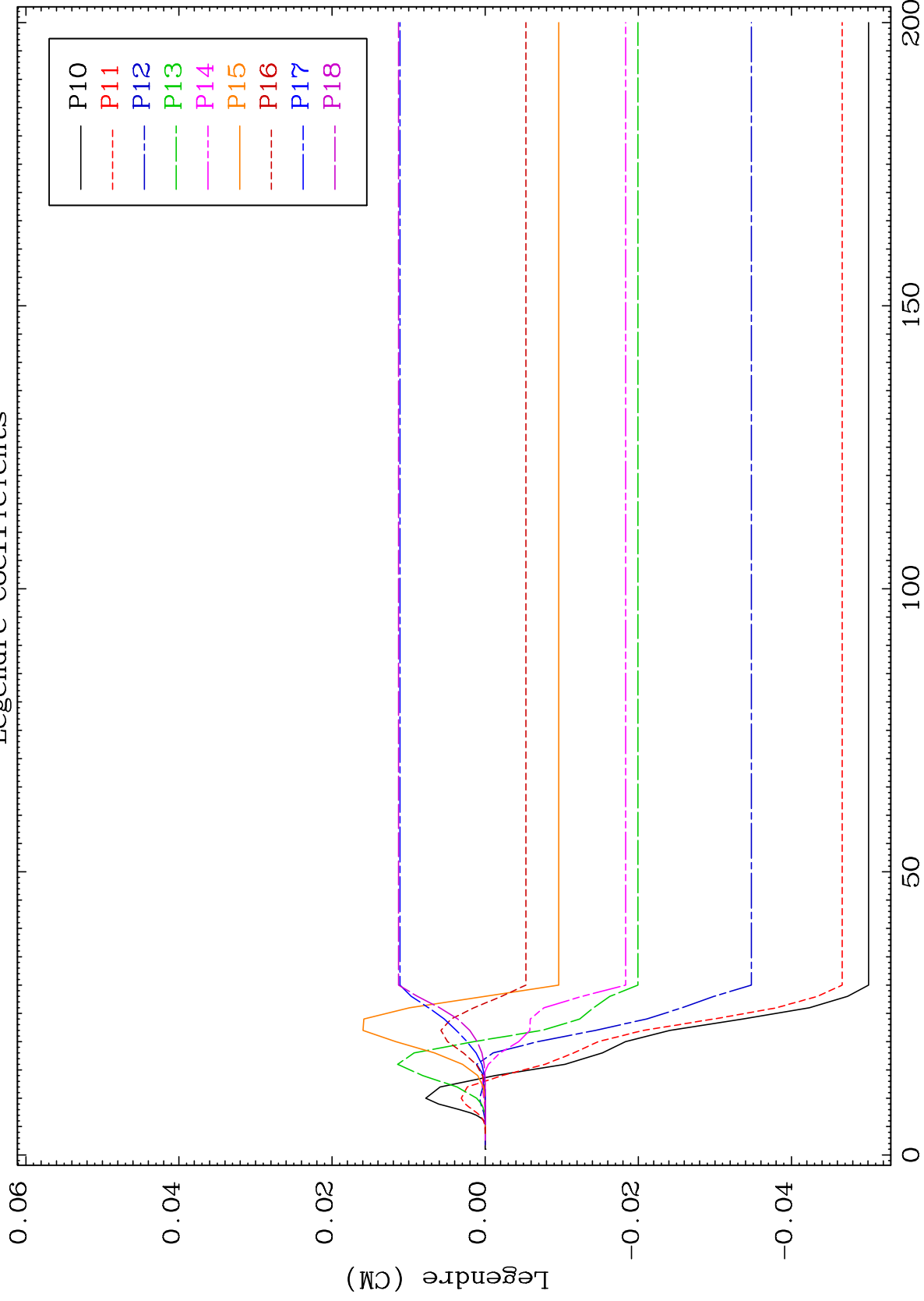
Incident Energy (MeV)

20

MAT 5668

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

57-La-119



21

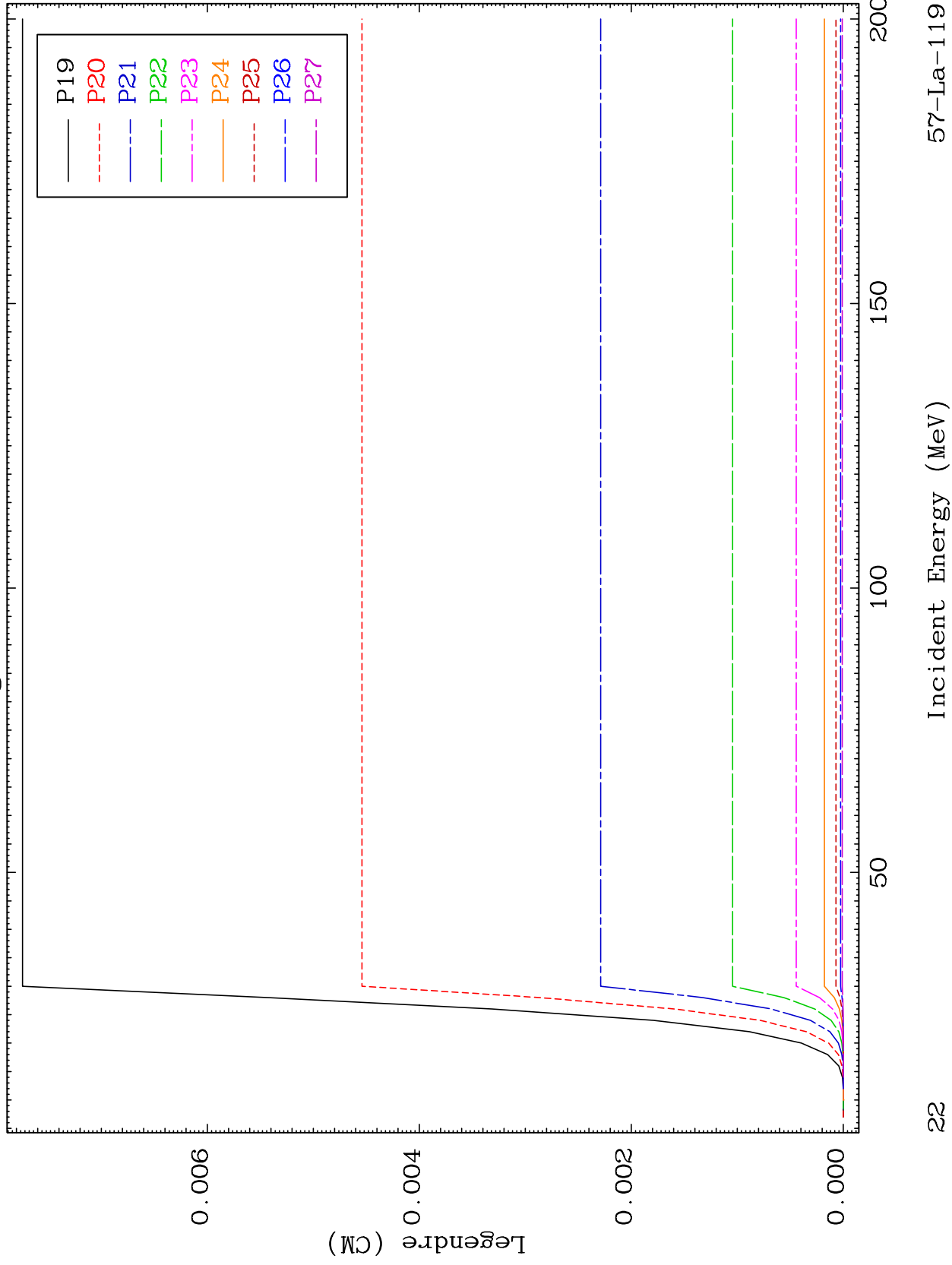
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



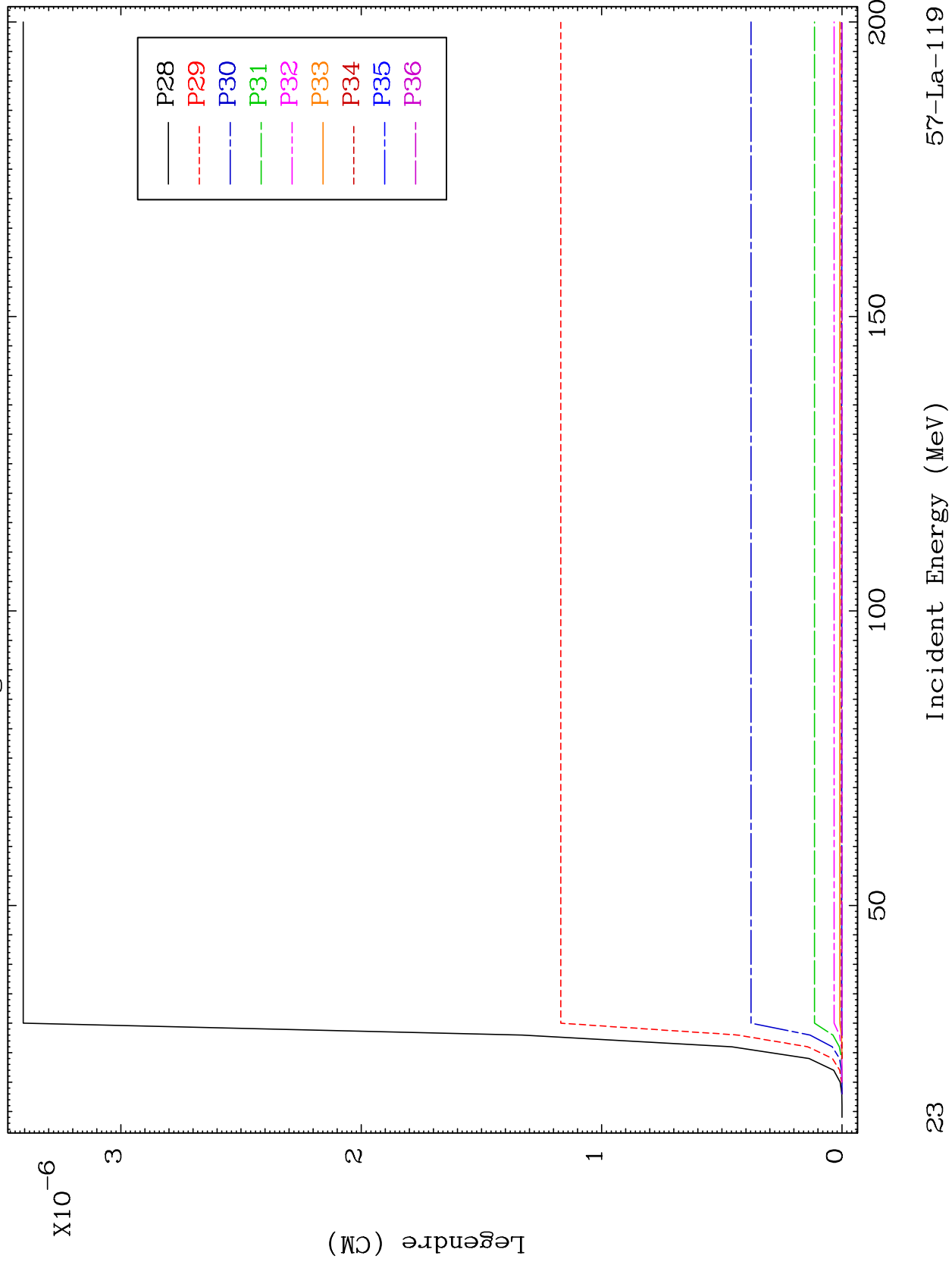
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57-La-119

MAT 5668

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

57-La-119



23

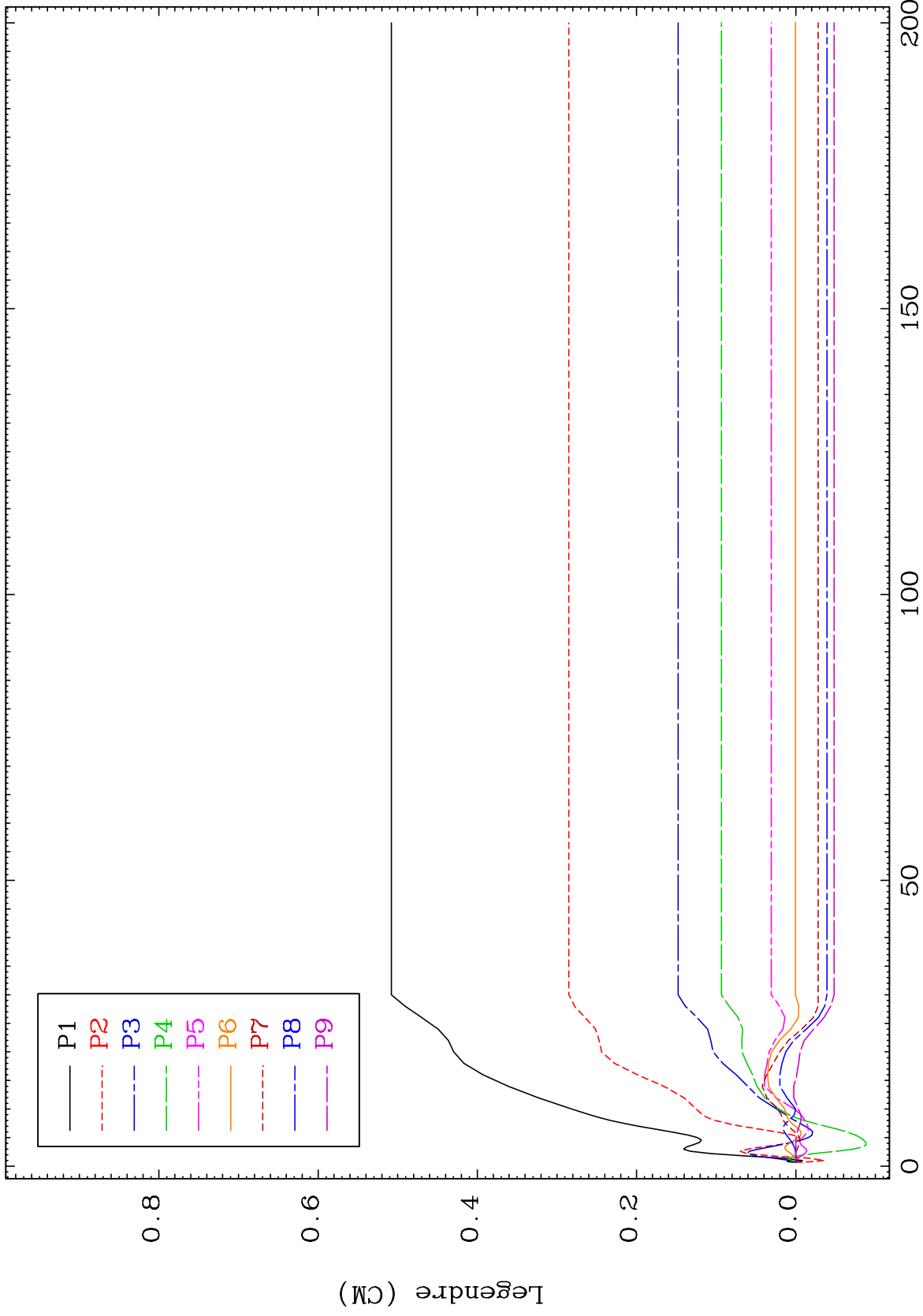
57-La-119



MAT 5668

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

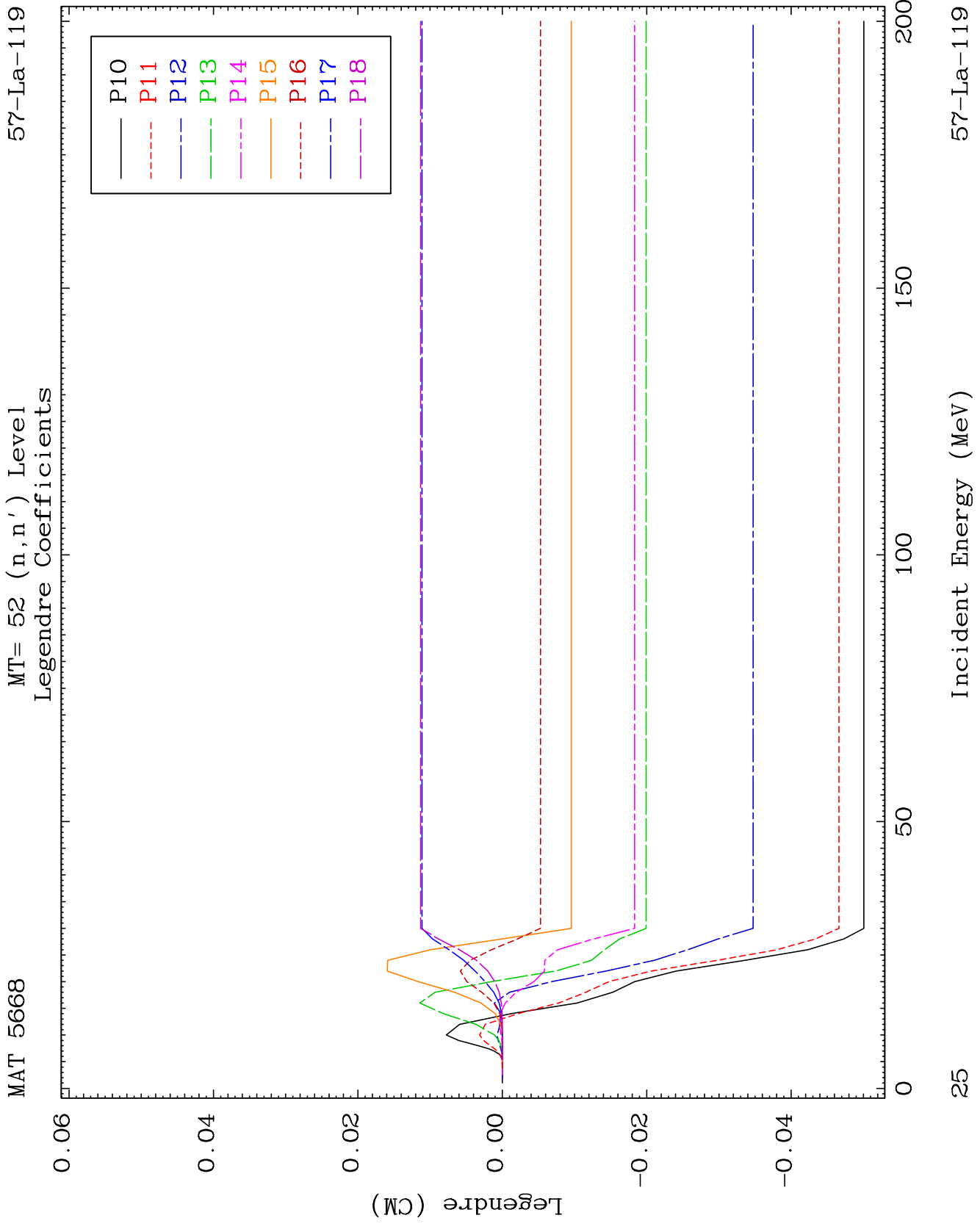
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Incident Energy (MeV)

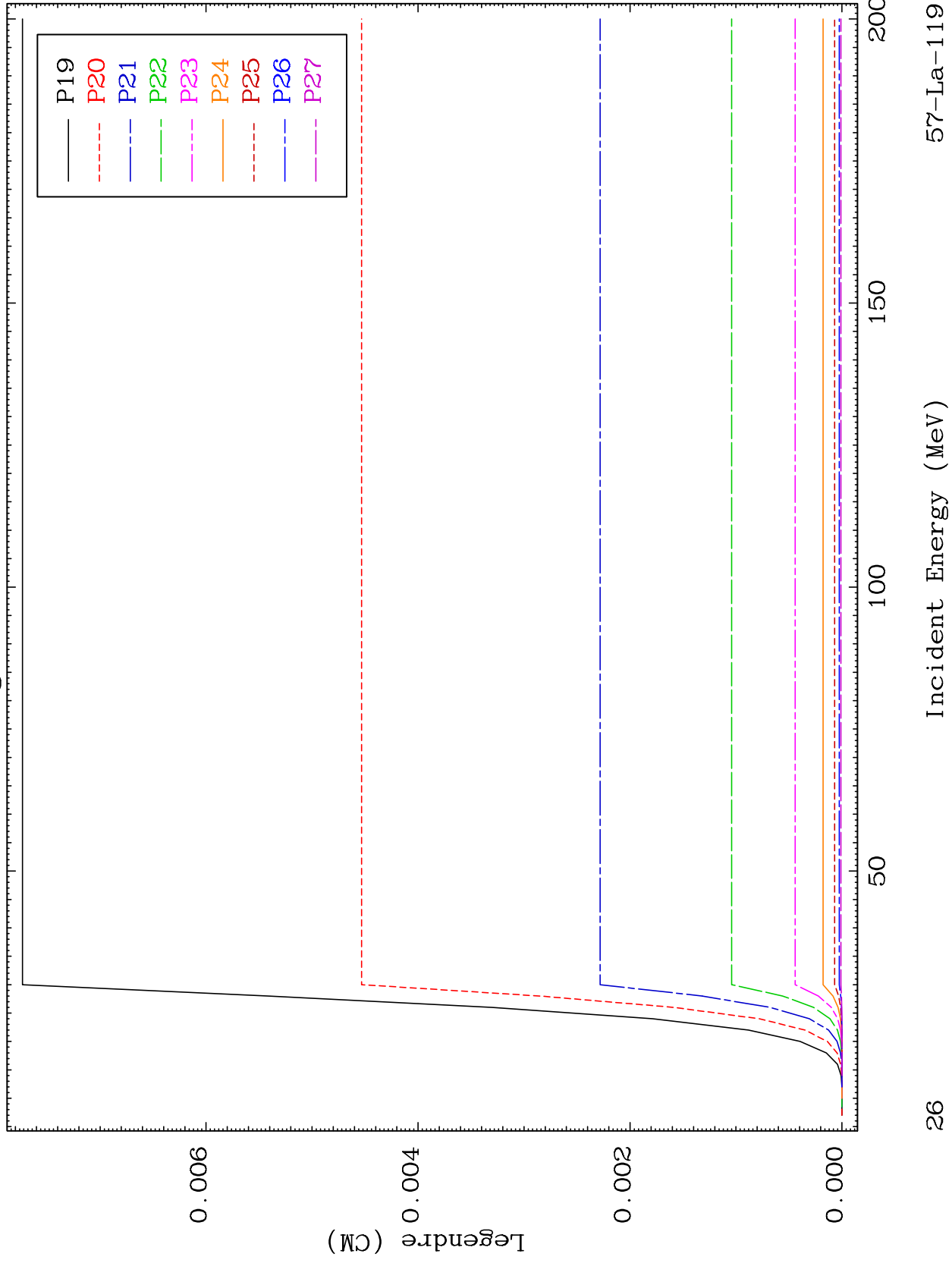
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MAT 5668

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

57-La-119



26

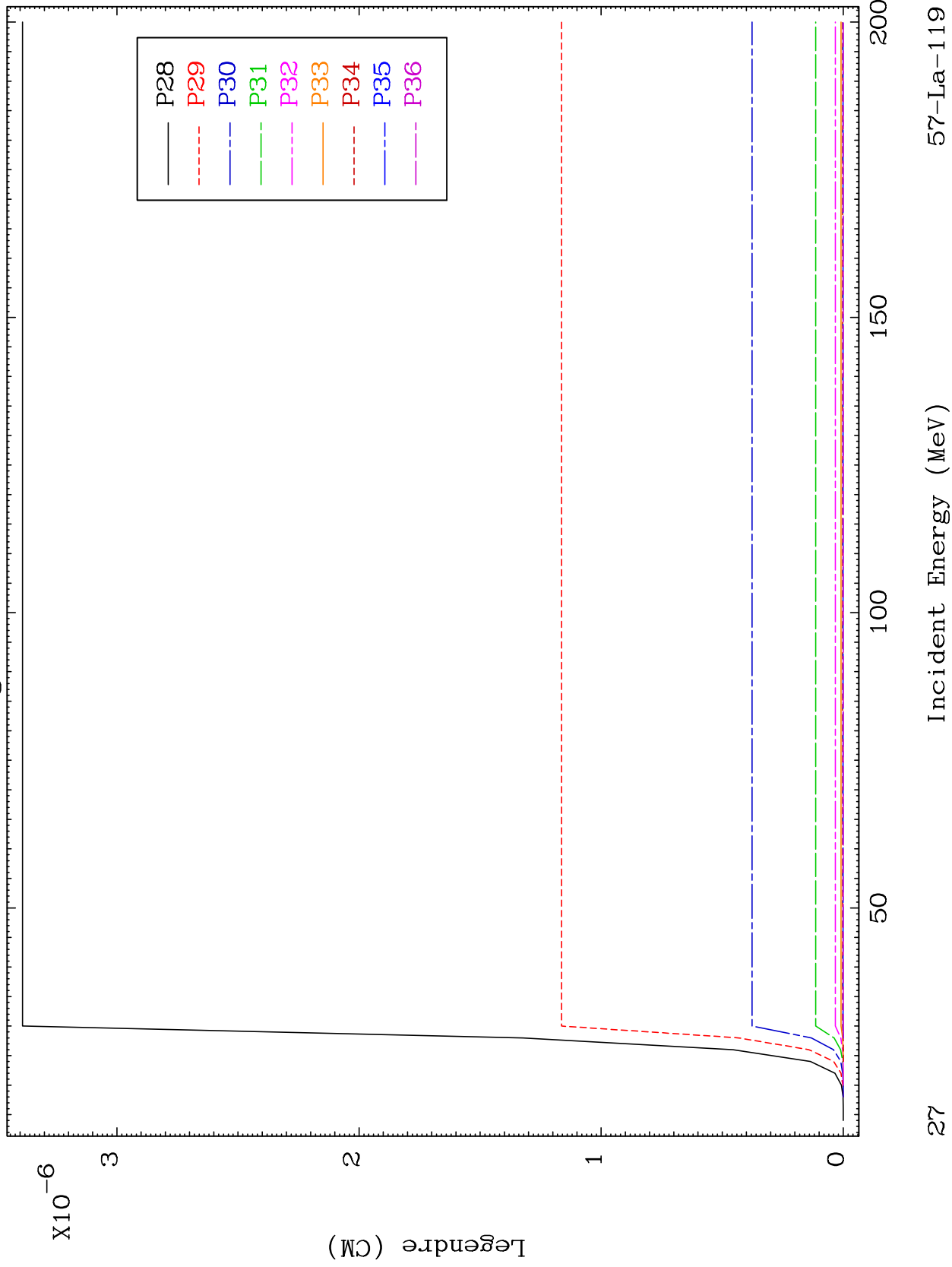
Incident Energy (MeV)

57-La-119

MAT 5668

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

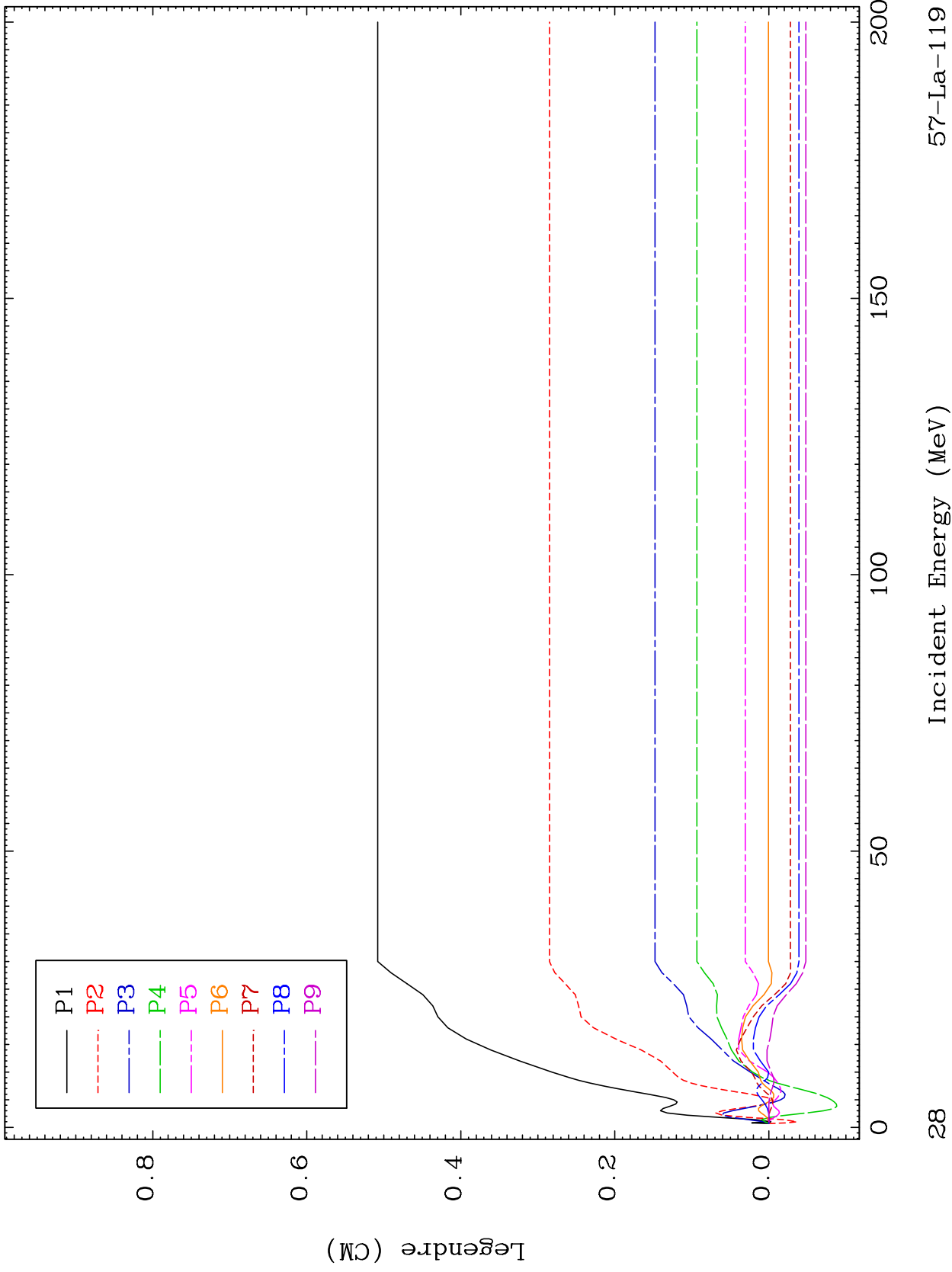
57-La-119



MAT 5668

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

57-La-119



57-La-119

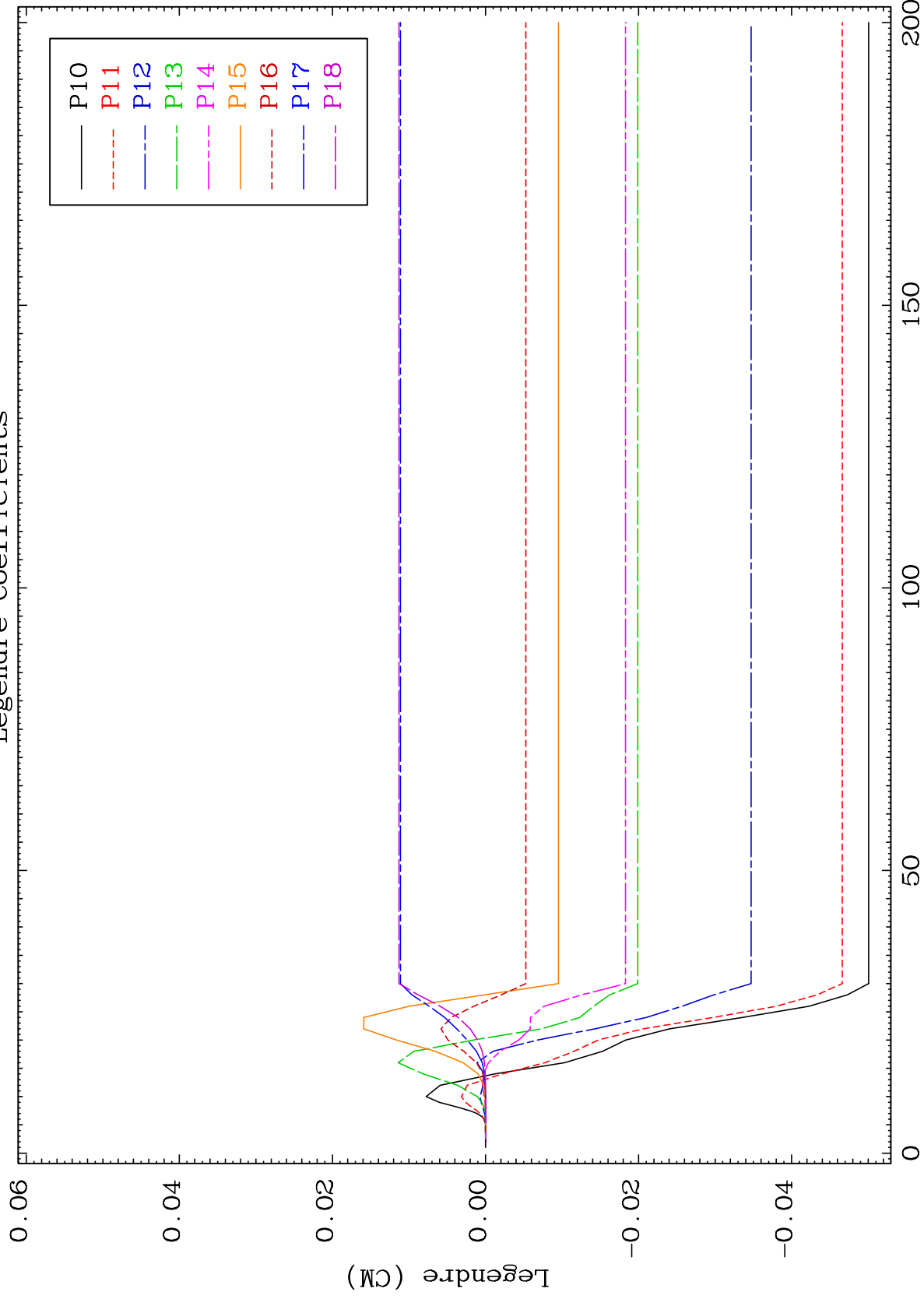
Incident Energy (MeV)

28

MAT 5668

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

57-La-119



29

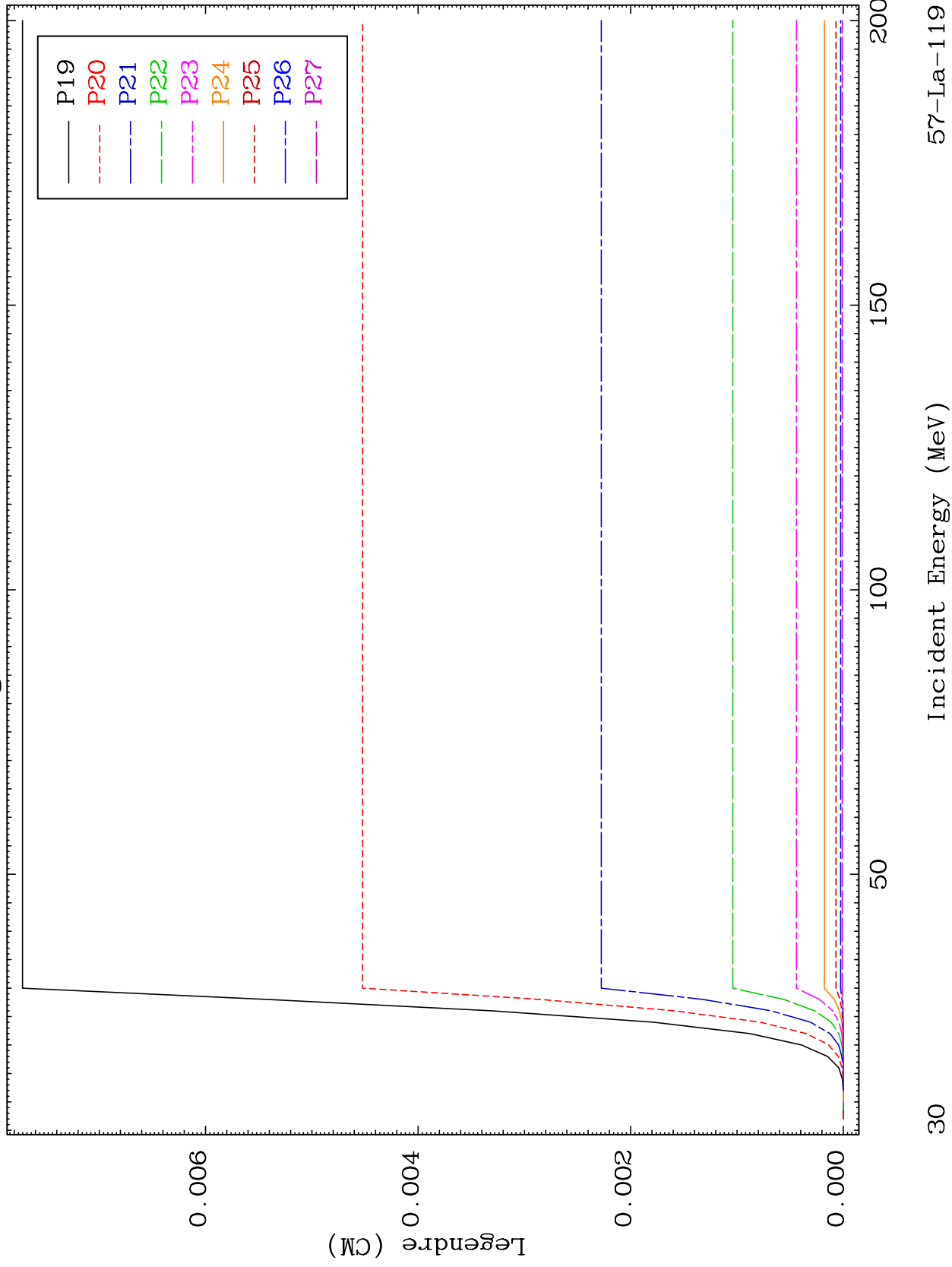
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



57-La-119

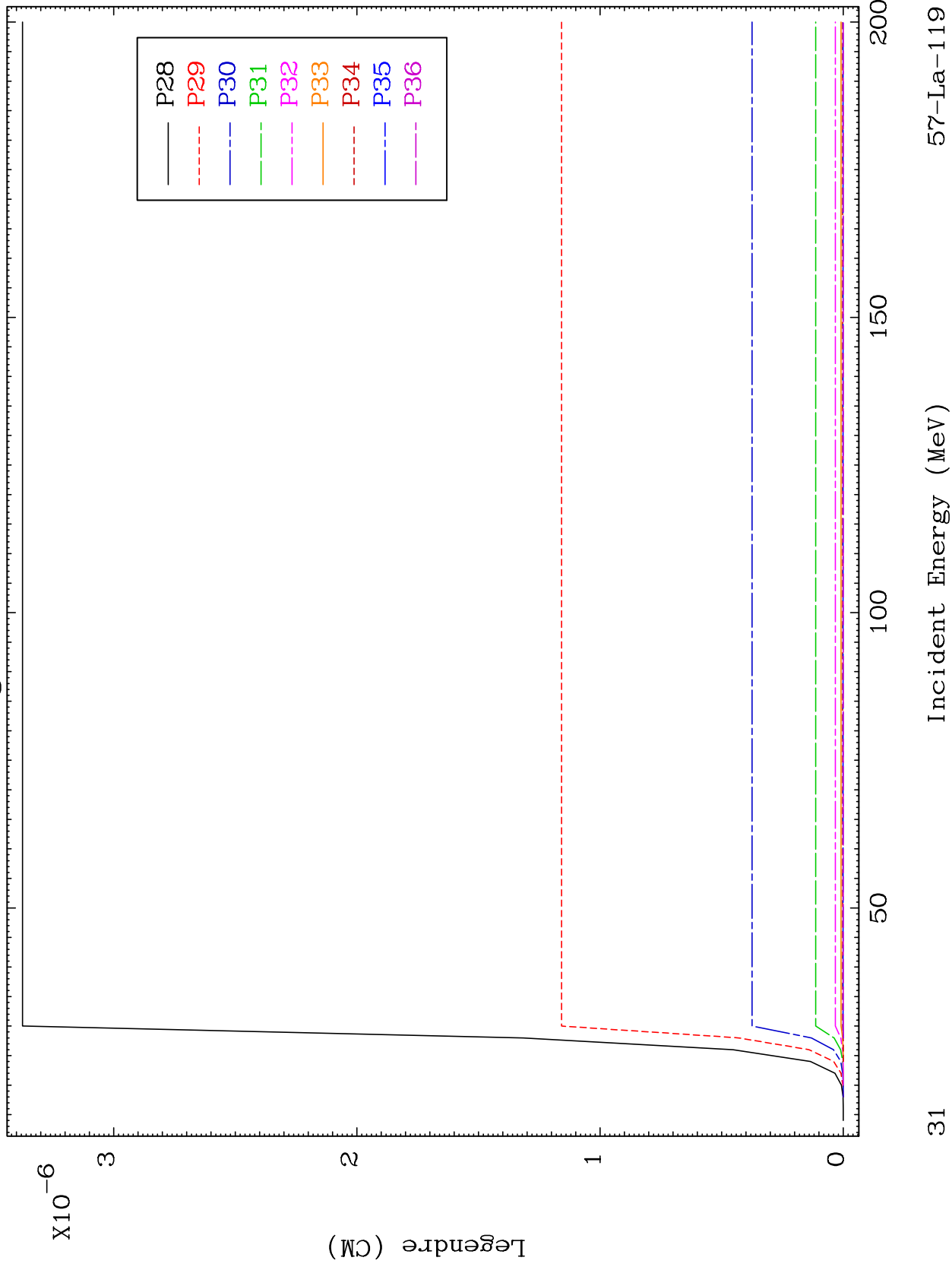
Incident Energy (MeV)

30

MAT 5668

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

57-La-119

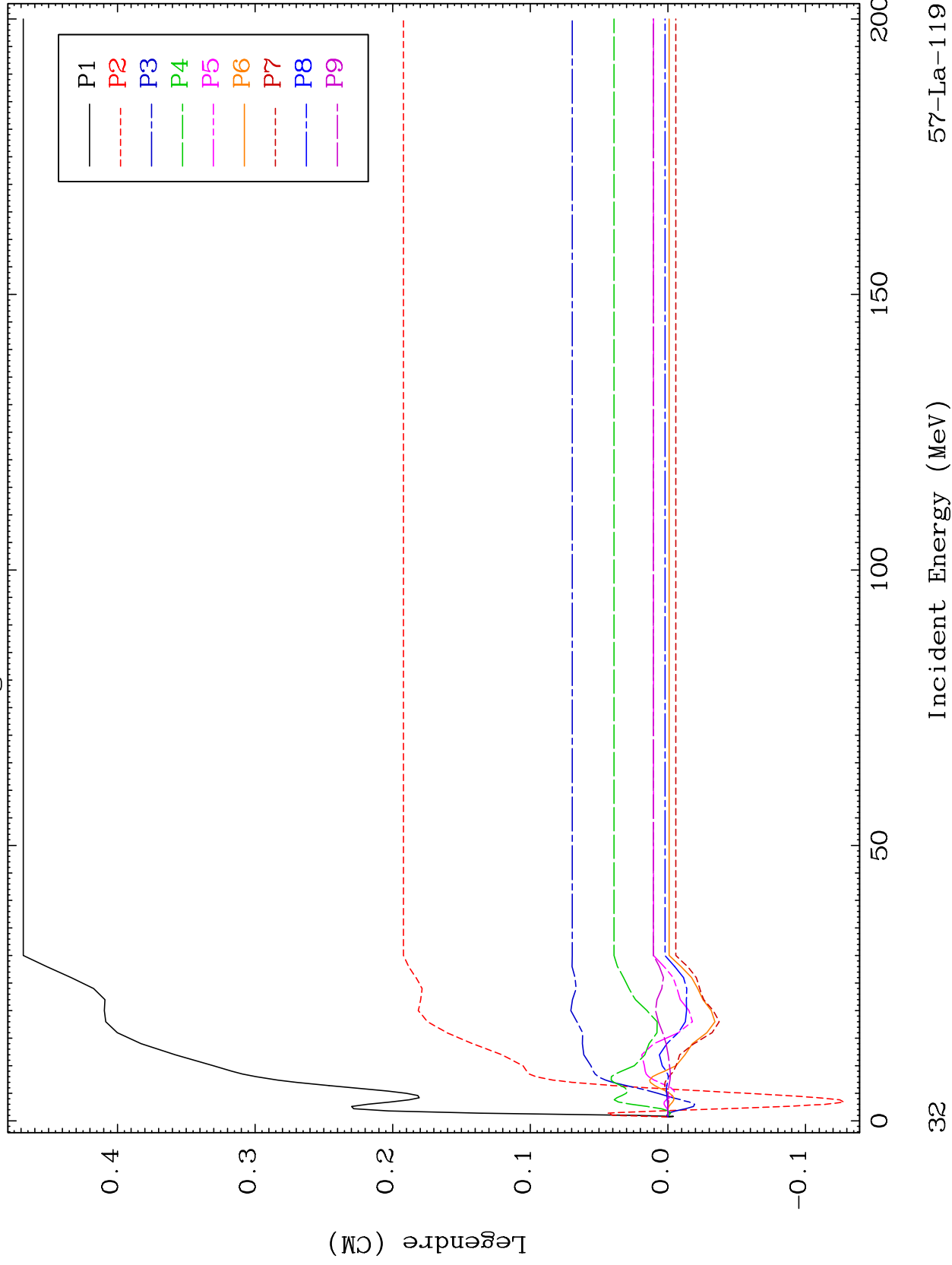




MAT 5668

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

57-La-119



57-La-119

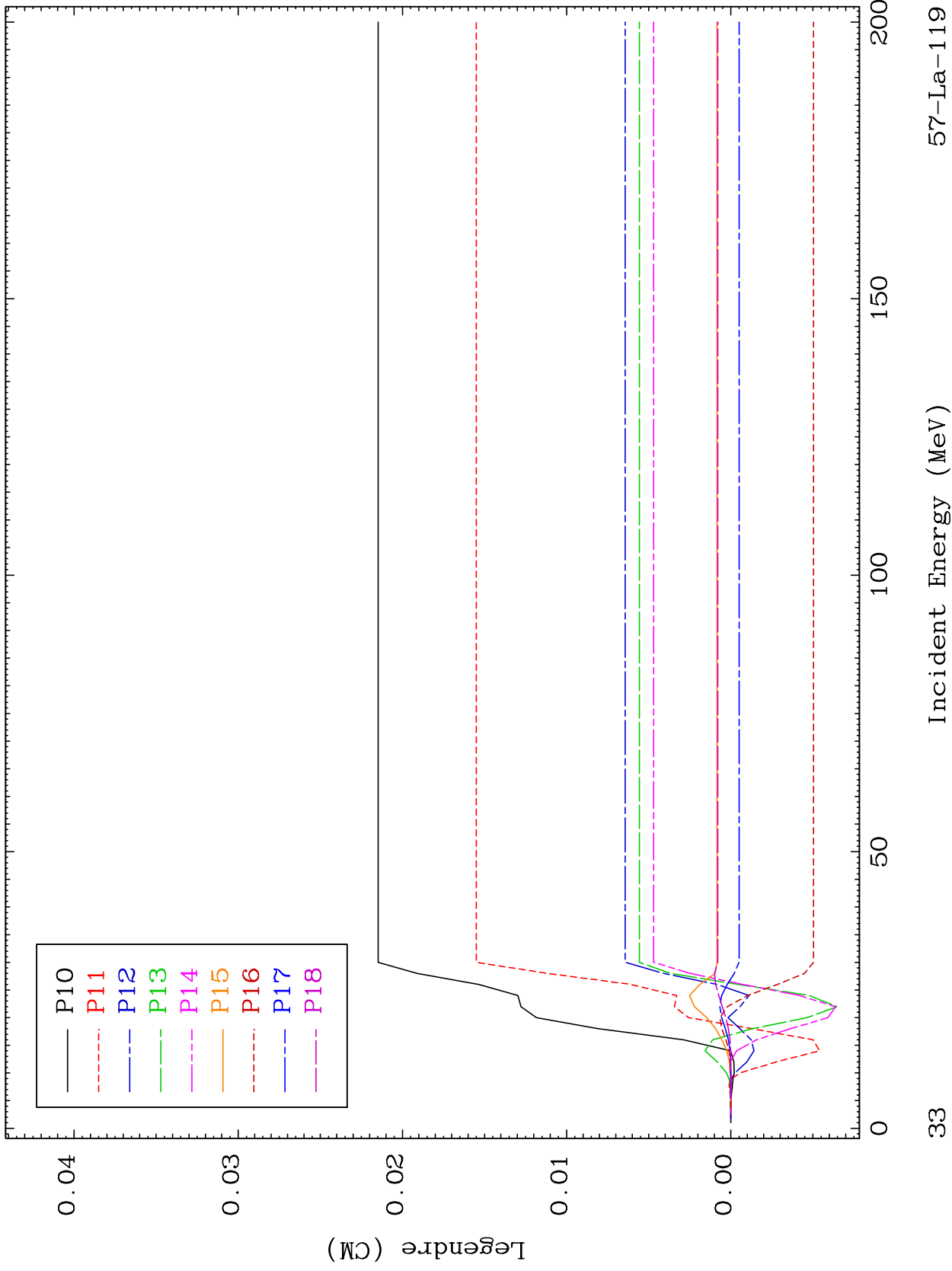
Incident Energy (MeV)

32

MAT 5668

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

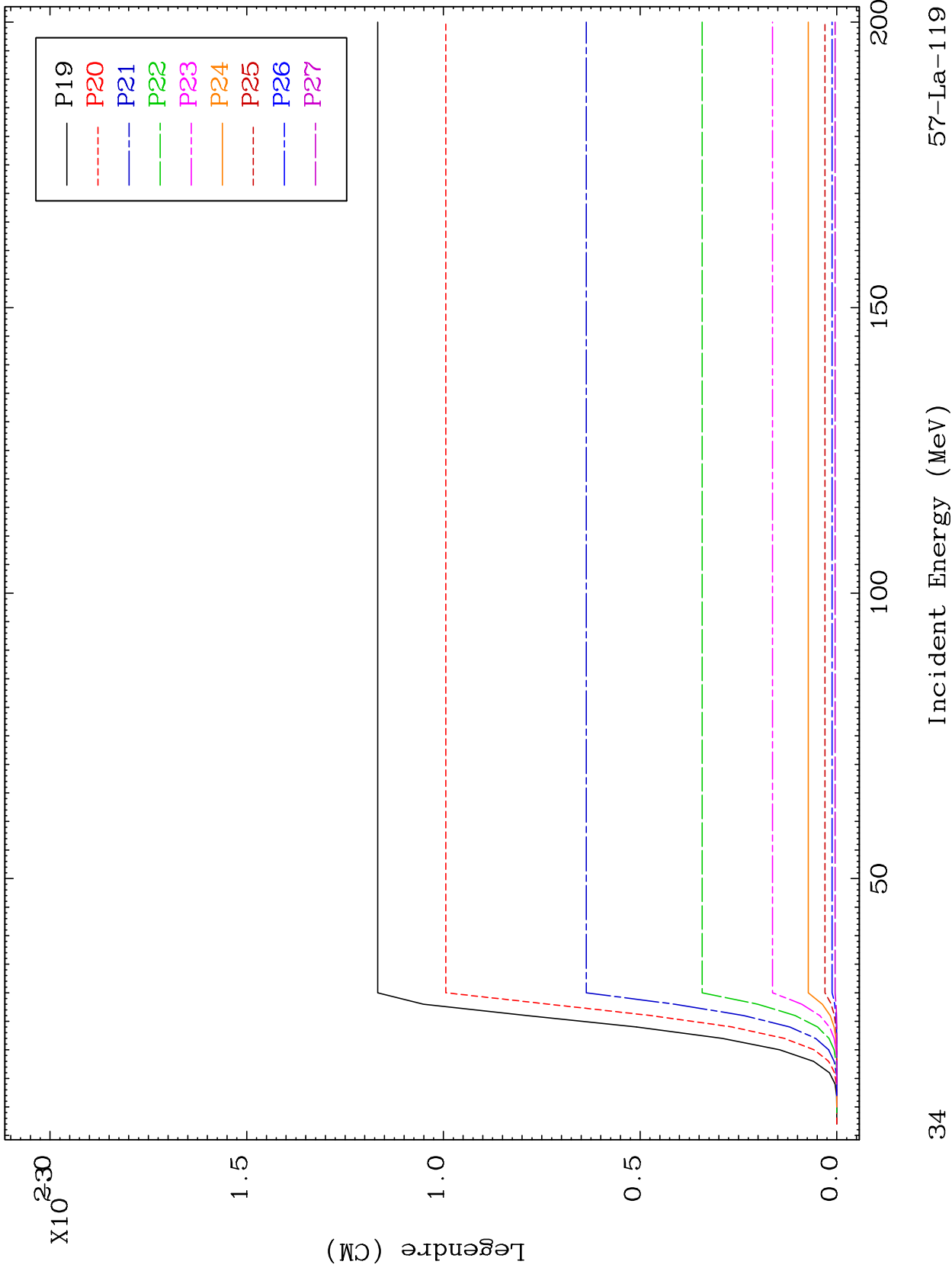
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MAT 5668

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

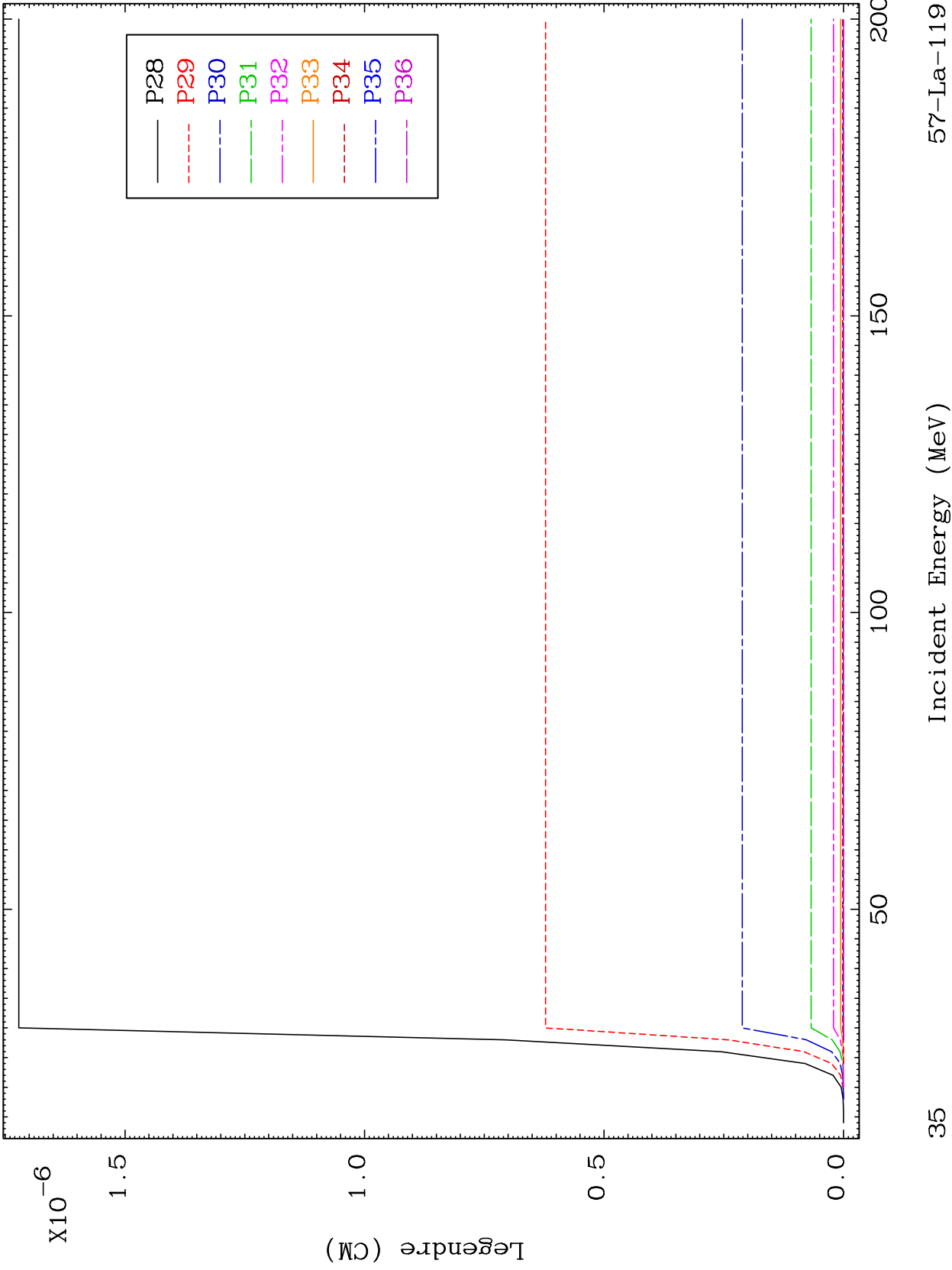
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MAT 5668

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

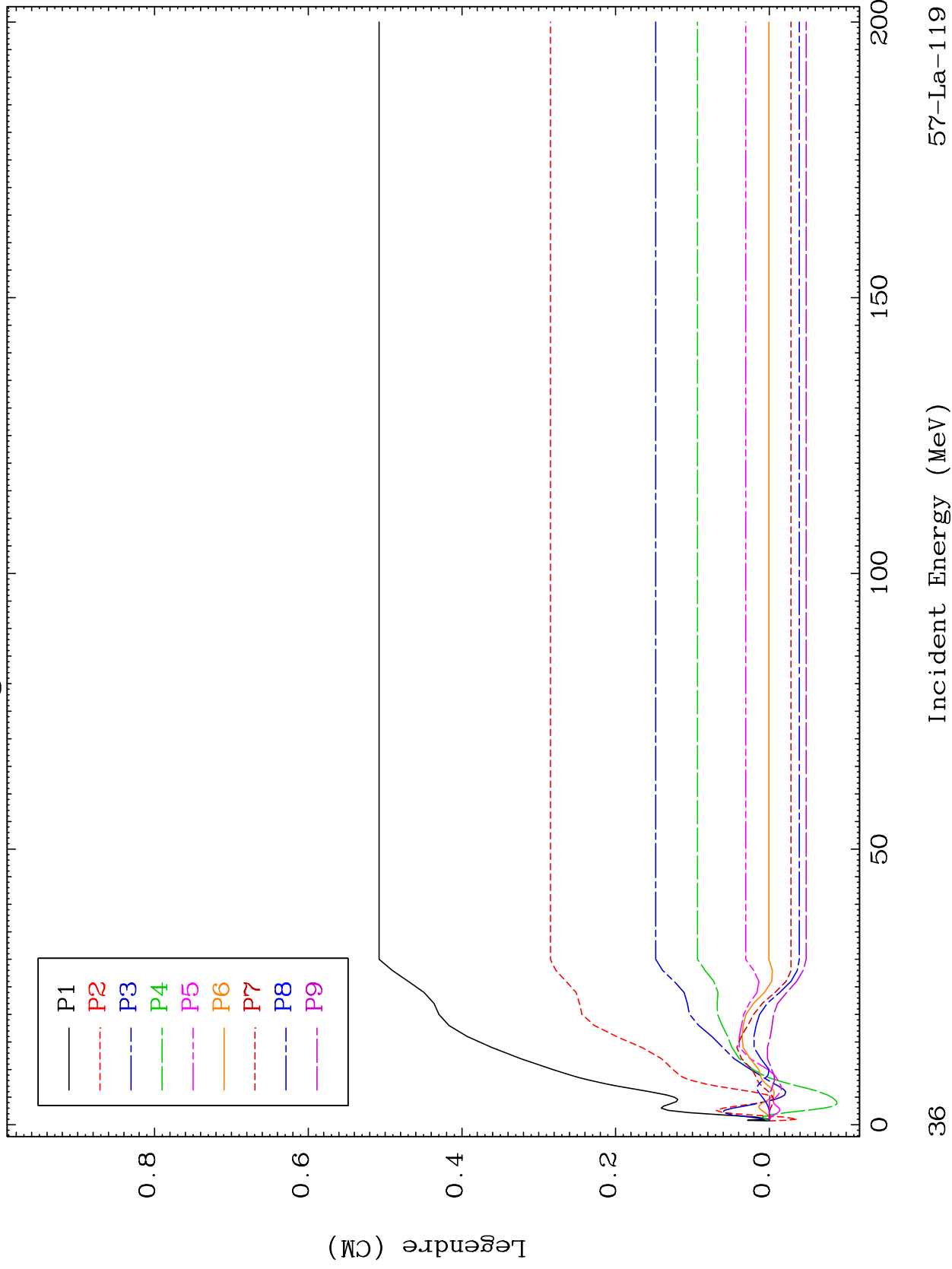
57-La-119



MAT 5668

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

57-La-119



57-La-119

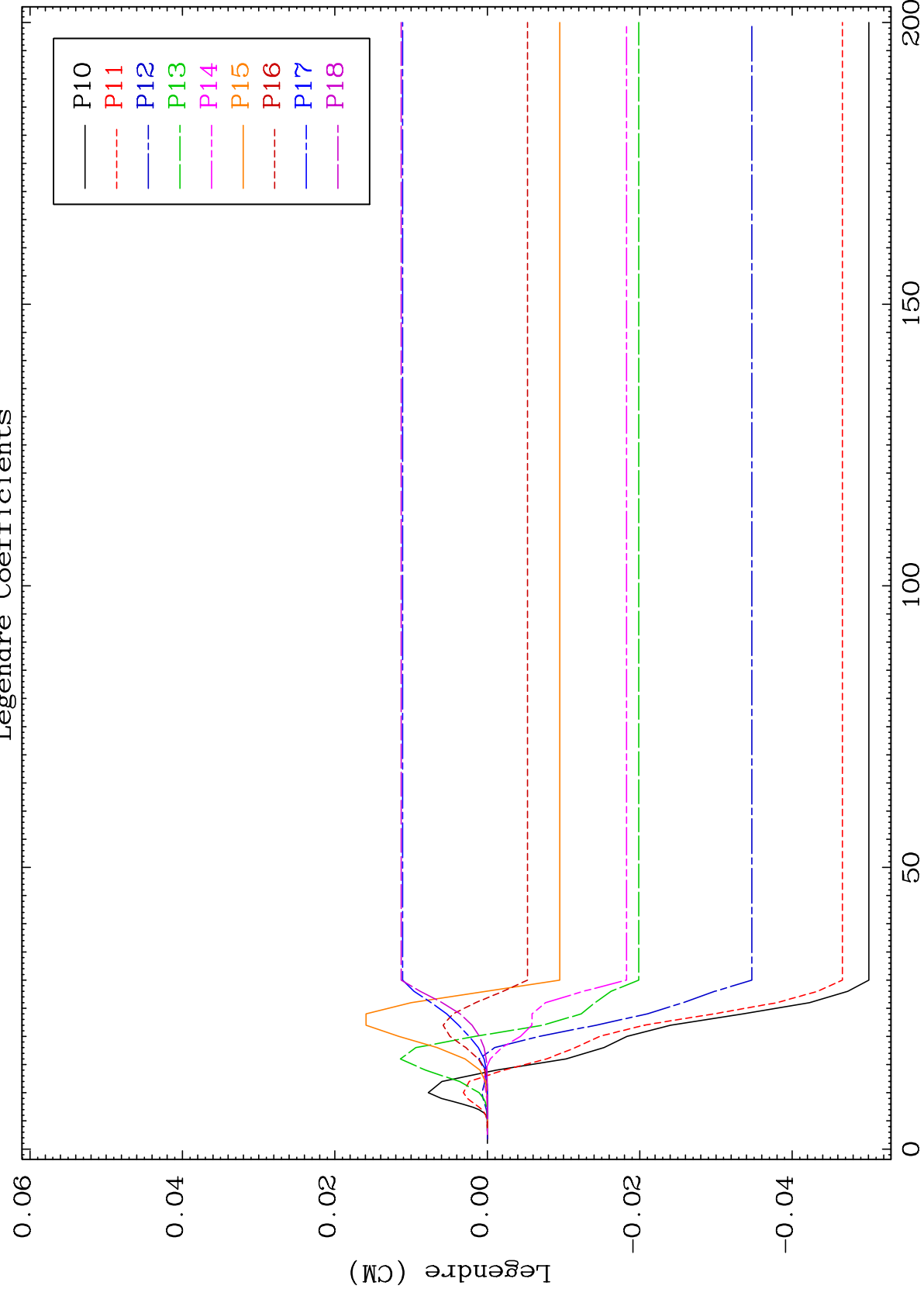
Incident Energy (MeV)

36

MAT 5668

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

57-La-119



37

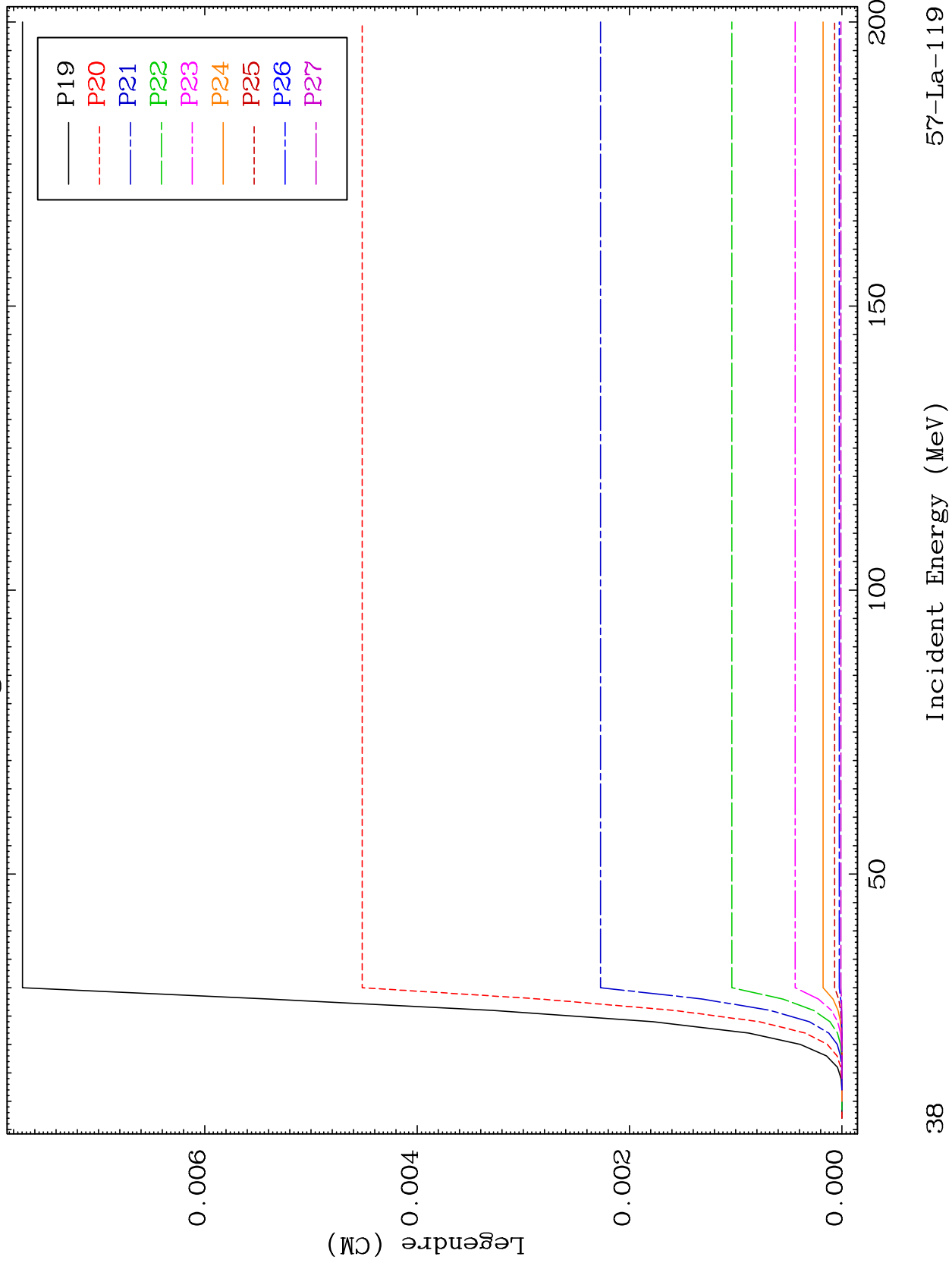
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



38

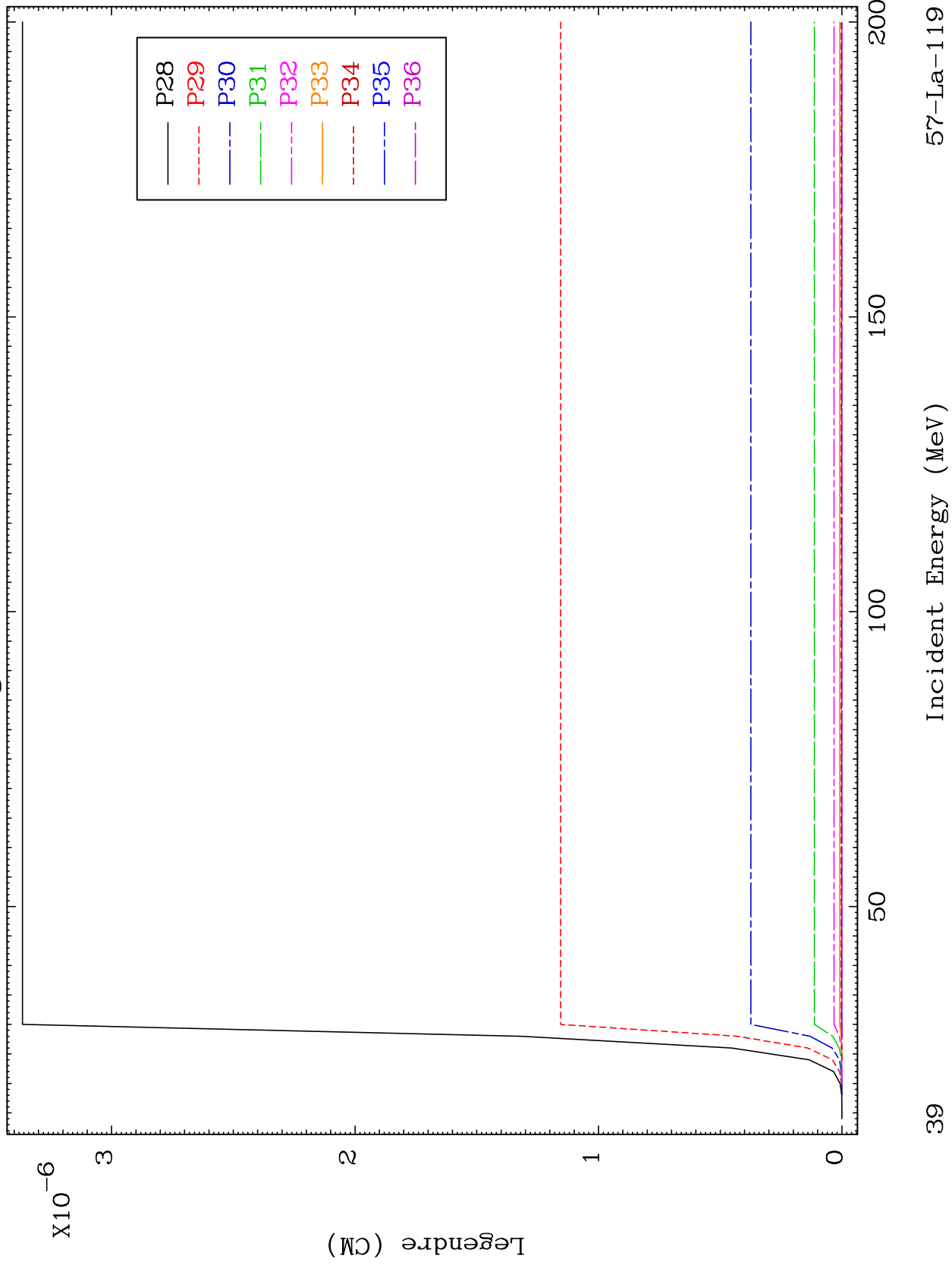
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



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Incident Energy (MeV)

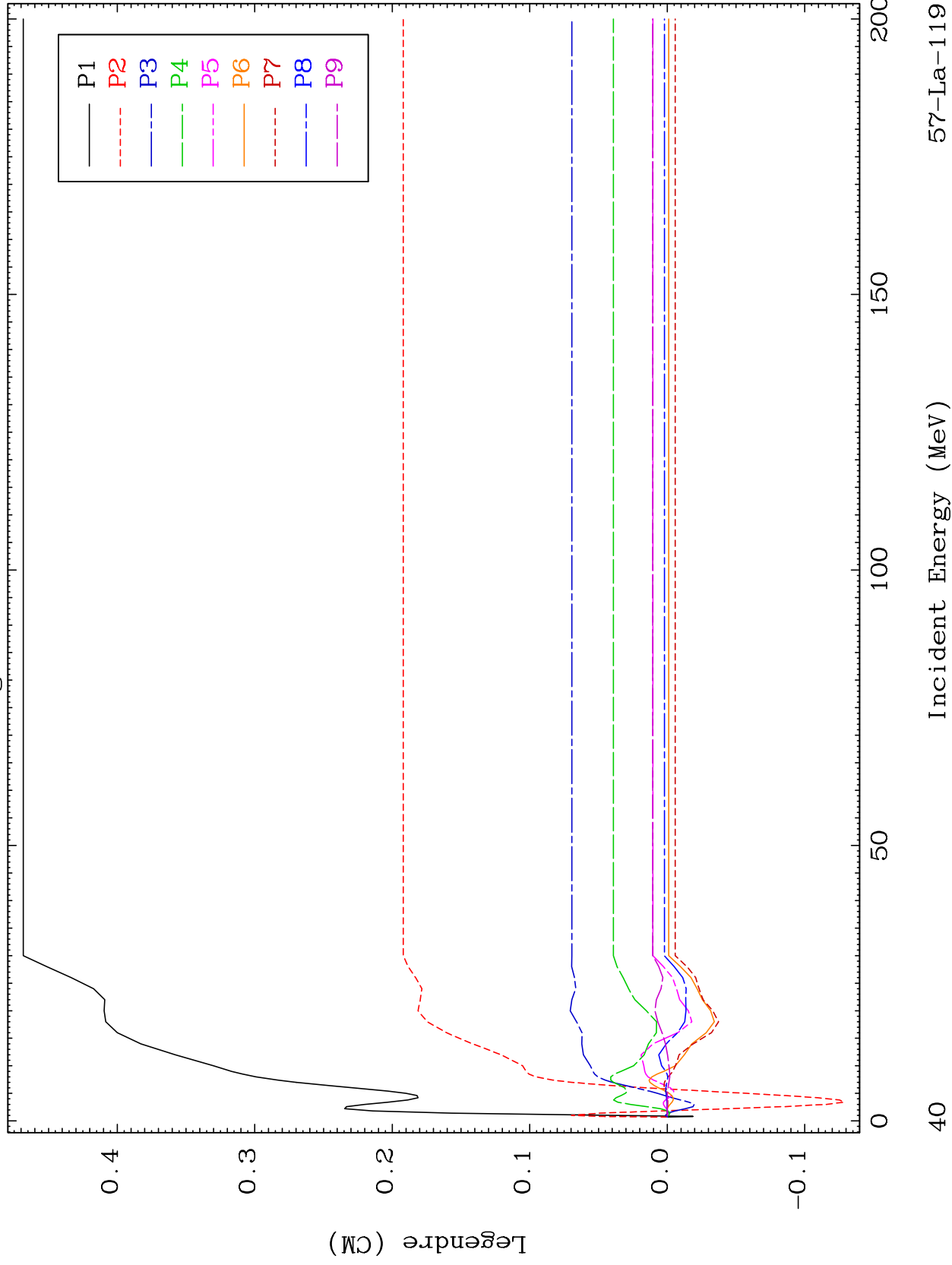
57-La-119



MAT 5668

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

57-La-119

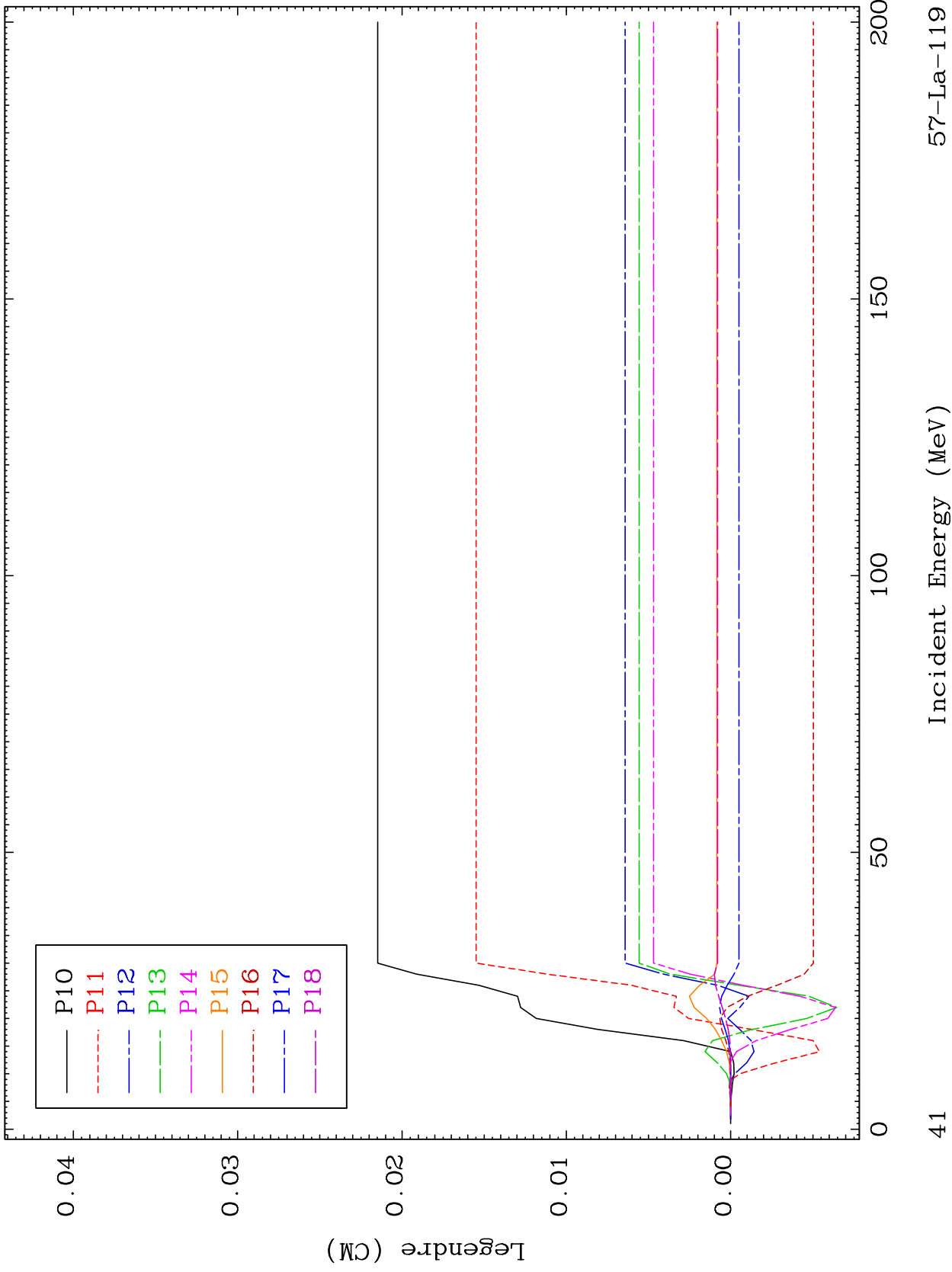


57-La-119

MAT 5668

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

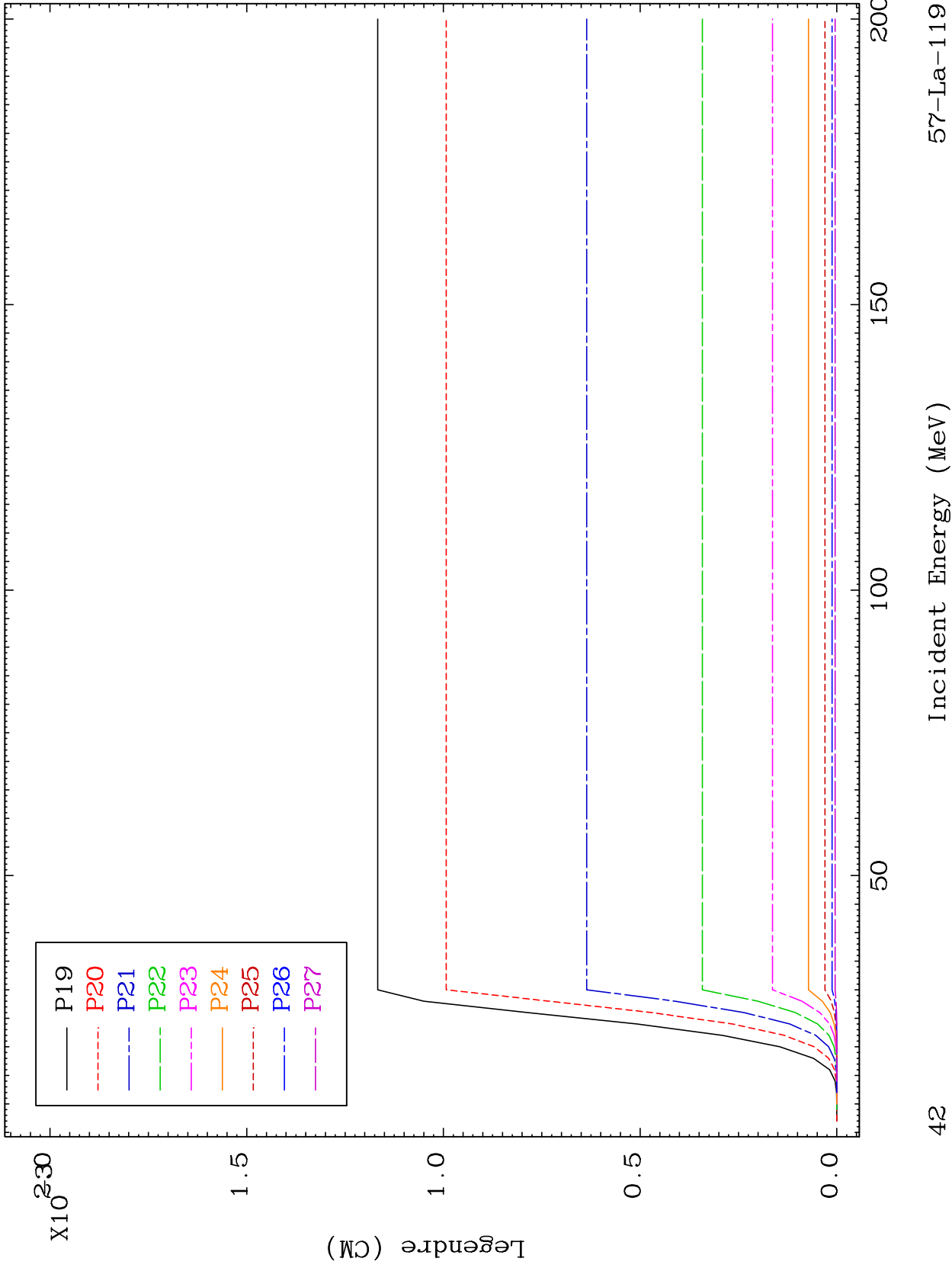
57-La-119



MAT 5668

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

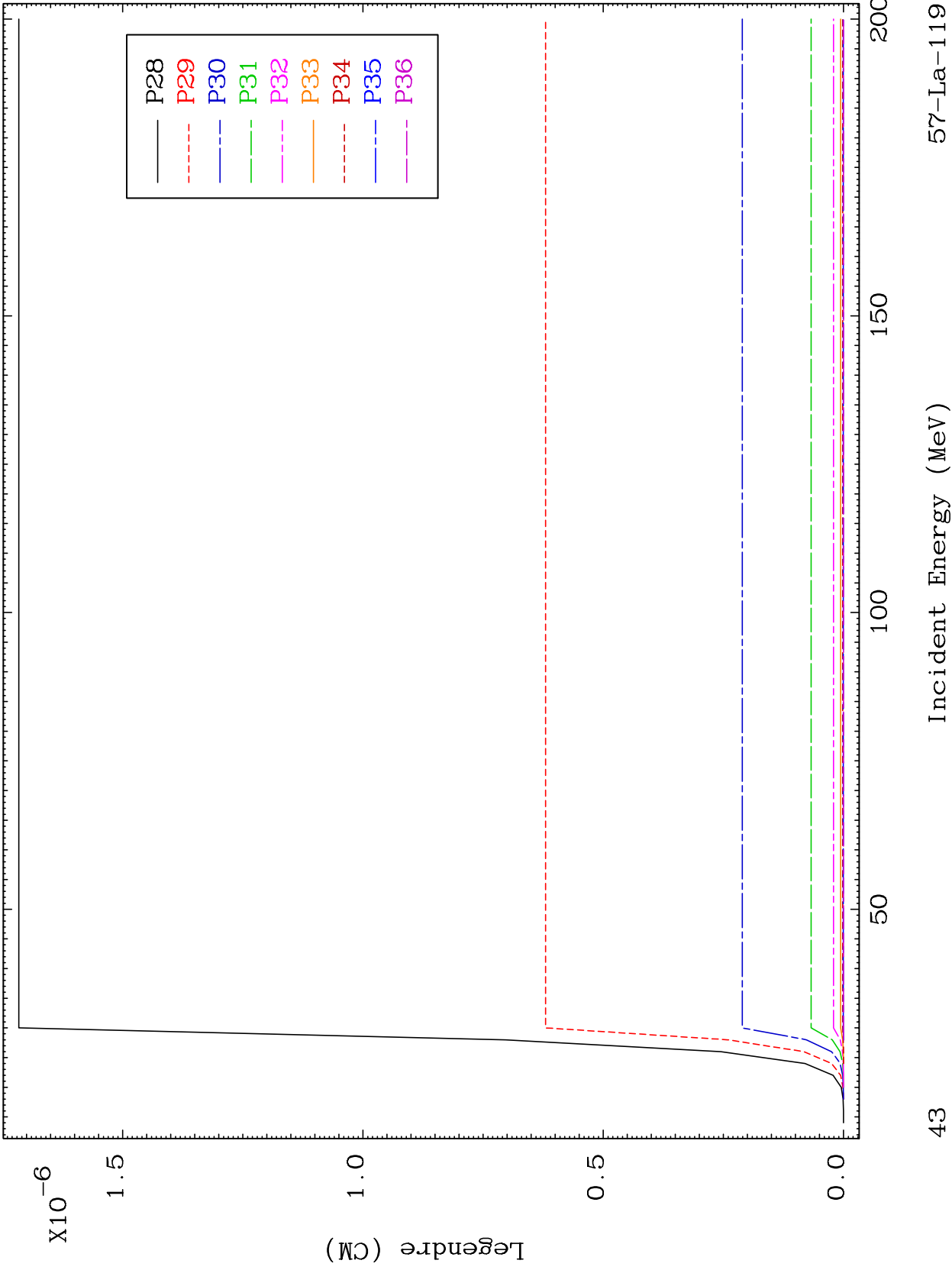
57-La-119



MAT 5668

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

57-La-119



43

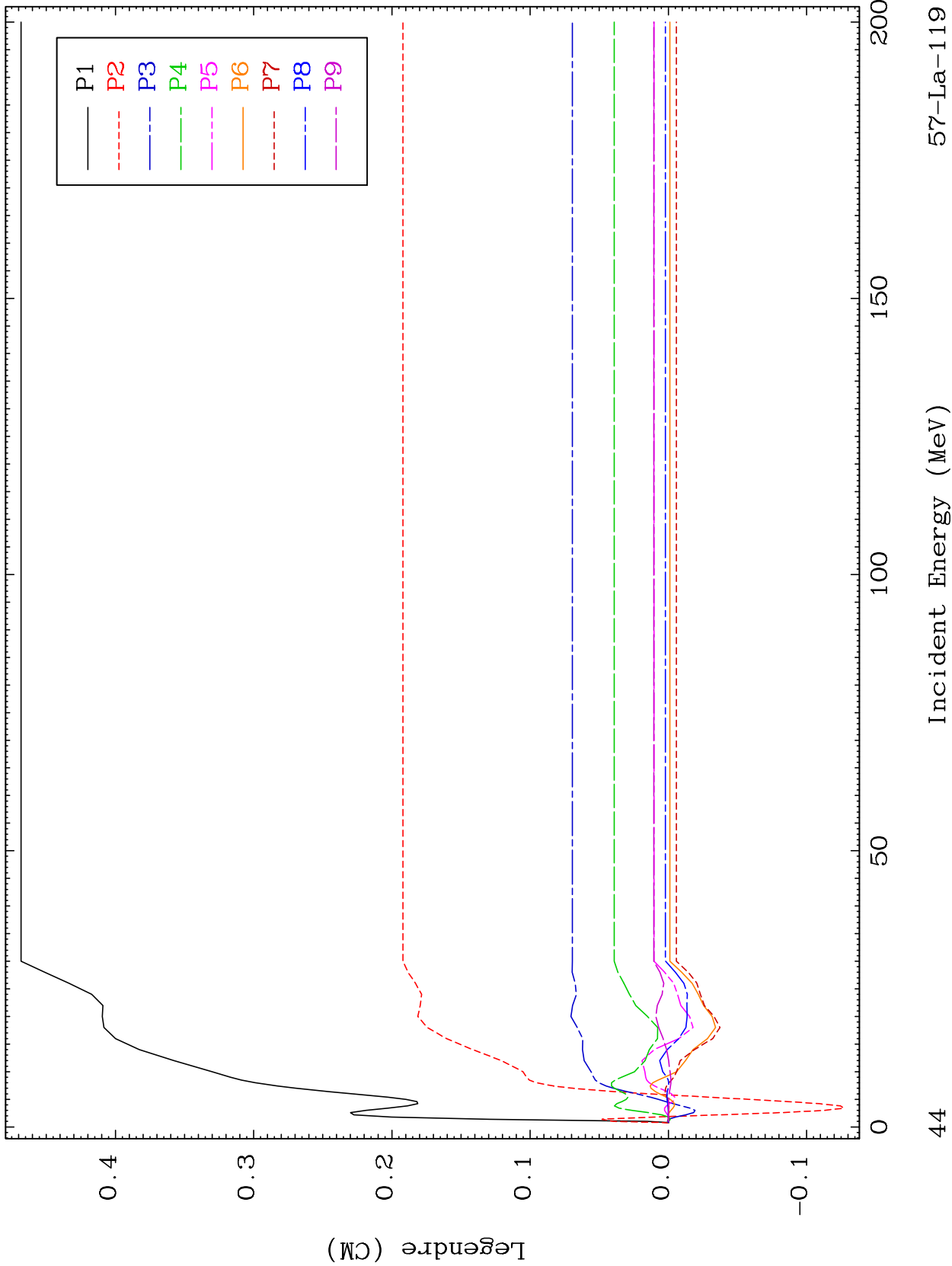
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



57-La-119

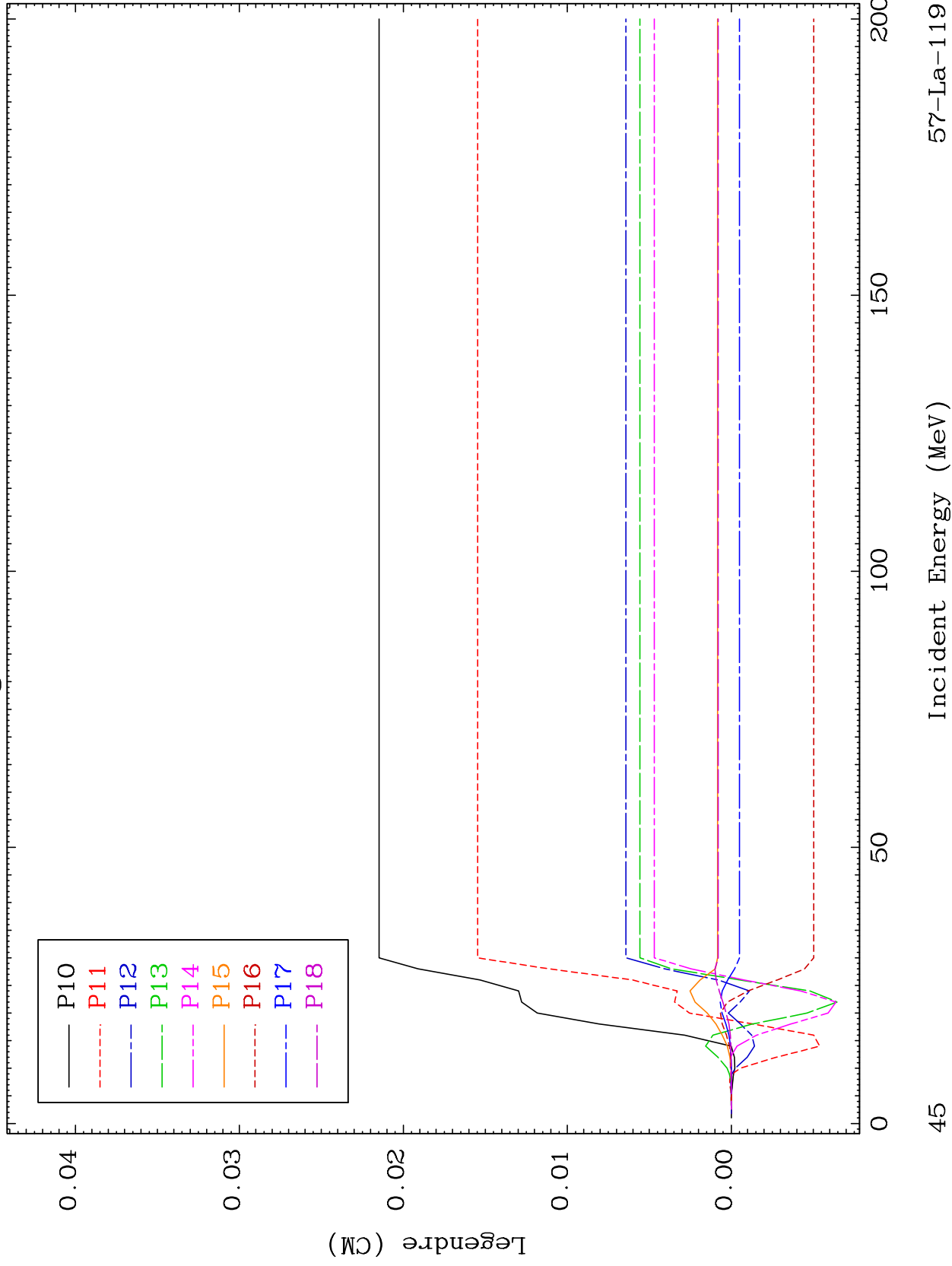
Incident Energy (MeV)

44

MAT 5668

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

57-La-119



57-La-119

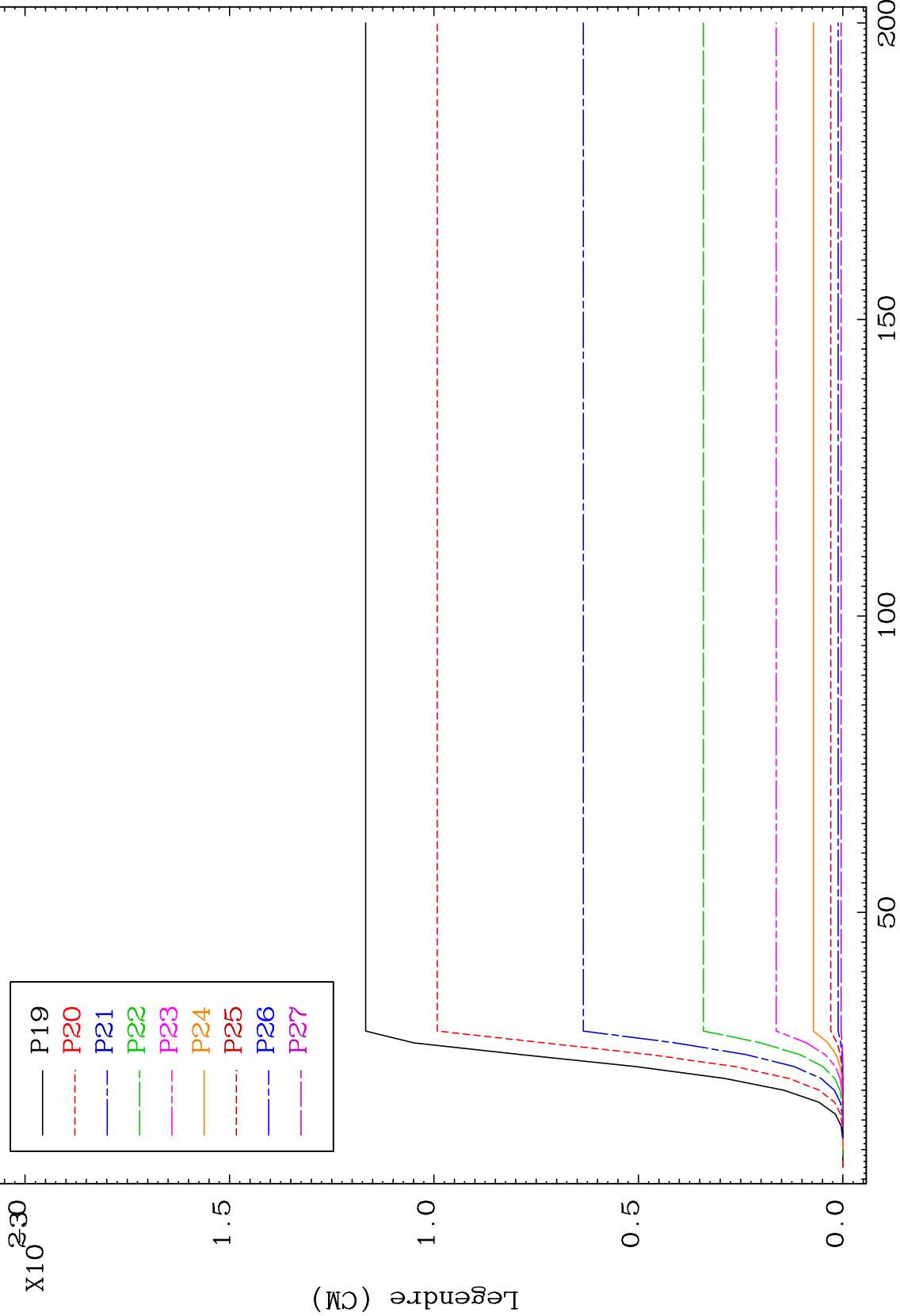
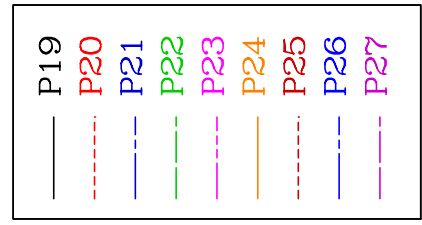
Incident Energy (MeV)

45

MAT 5668

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

57-La-119



46

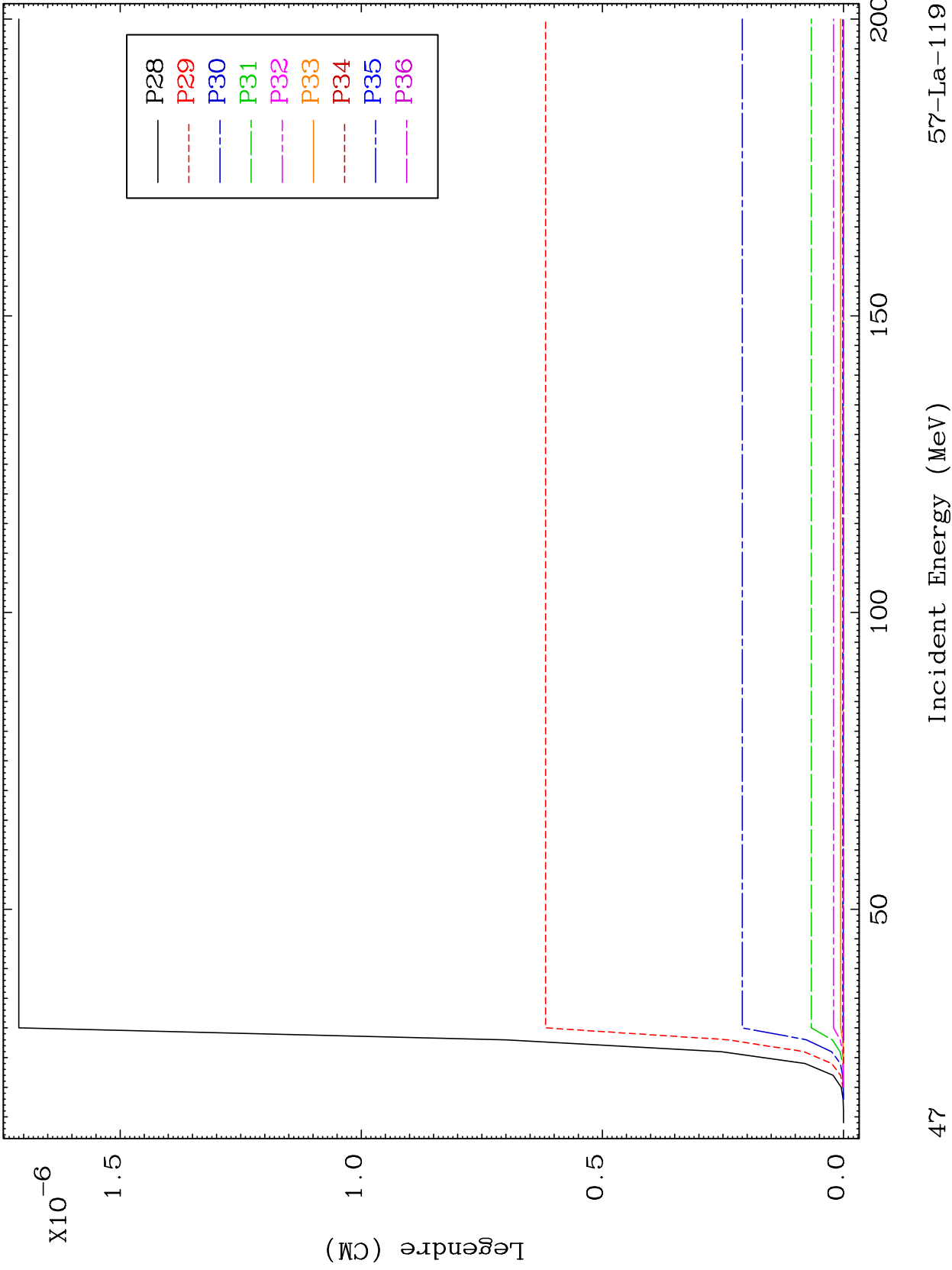
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119

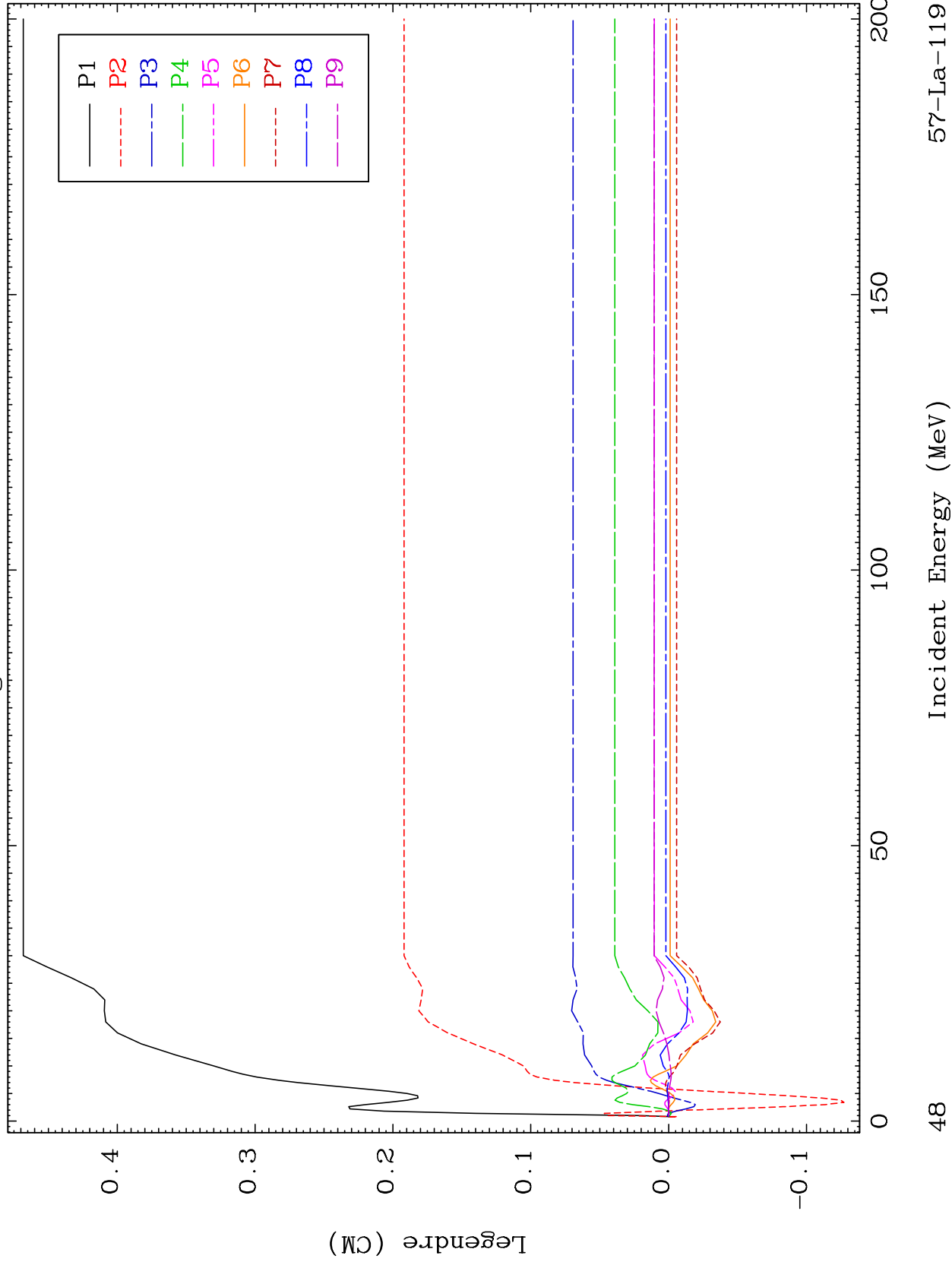




MAT 5668

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

57-La-119



57-La-119

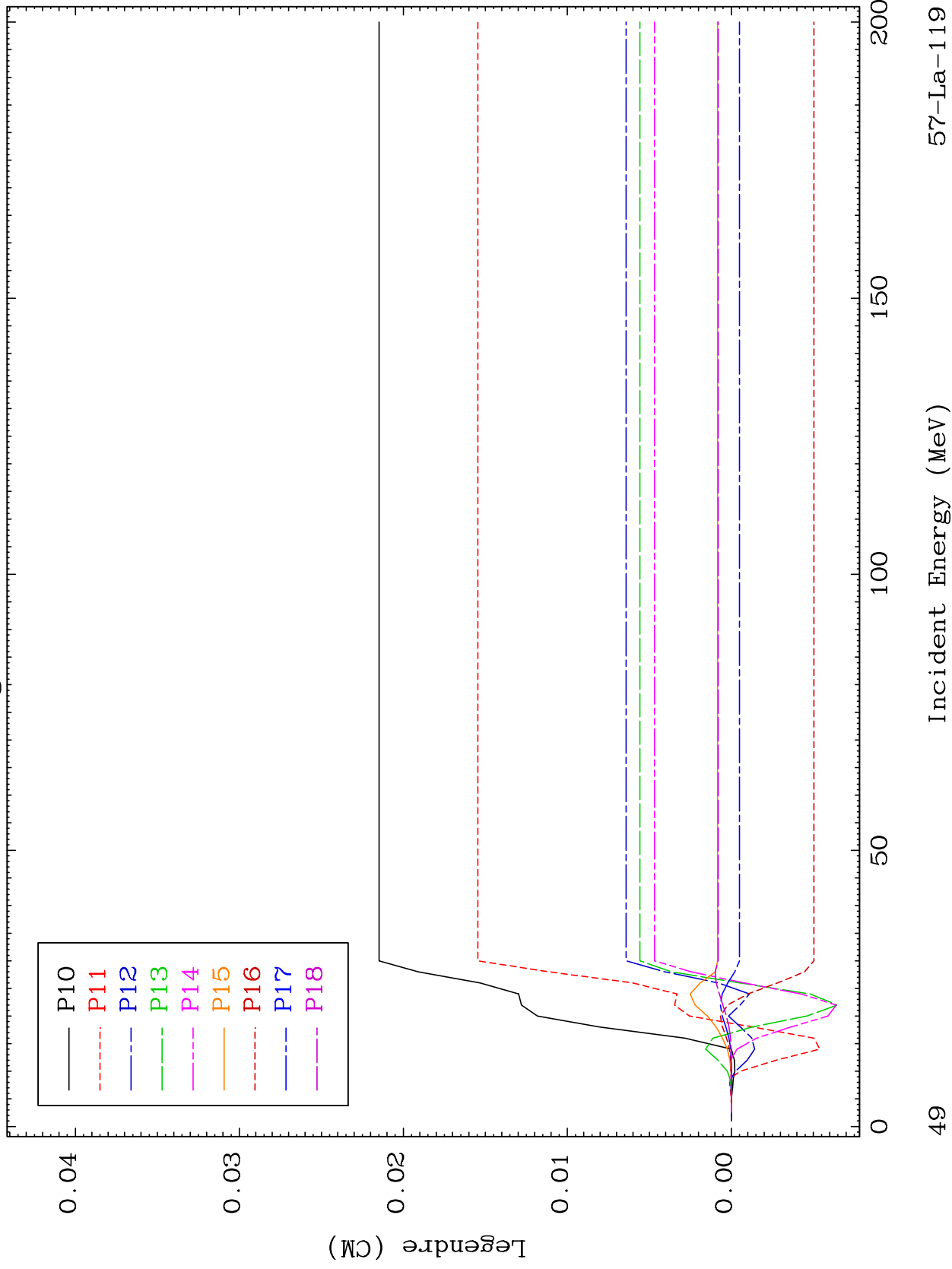
Incident Energy (MeV)

48

MAT 5668

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

57-La-119



49

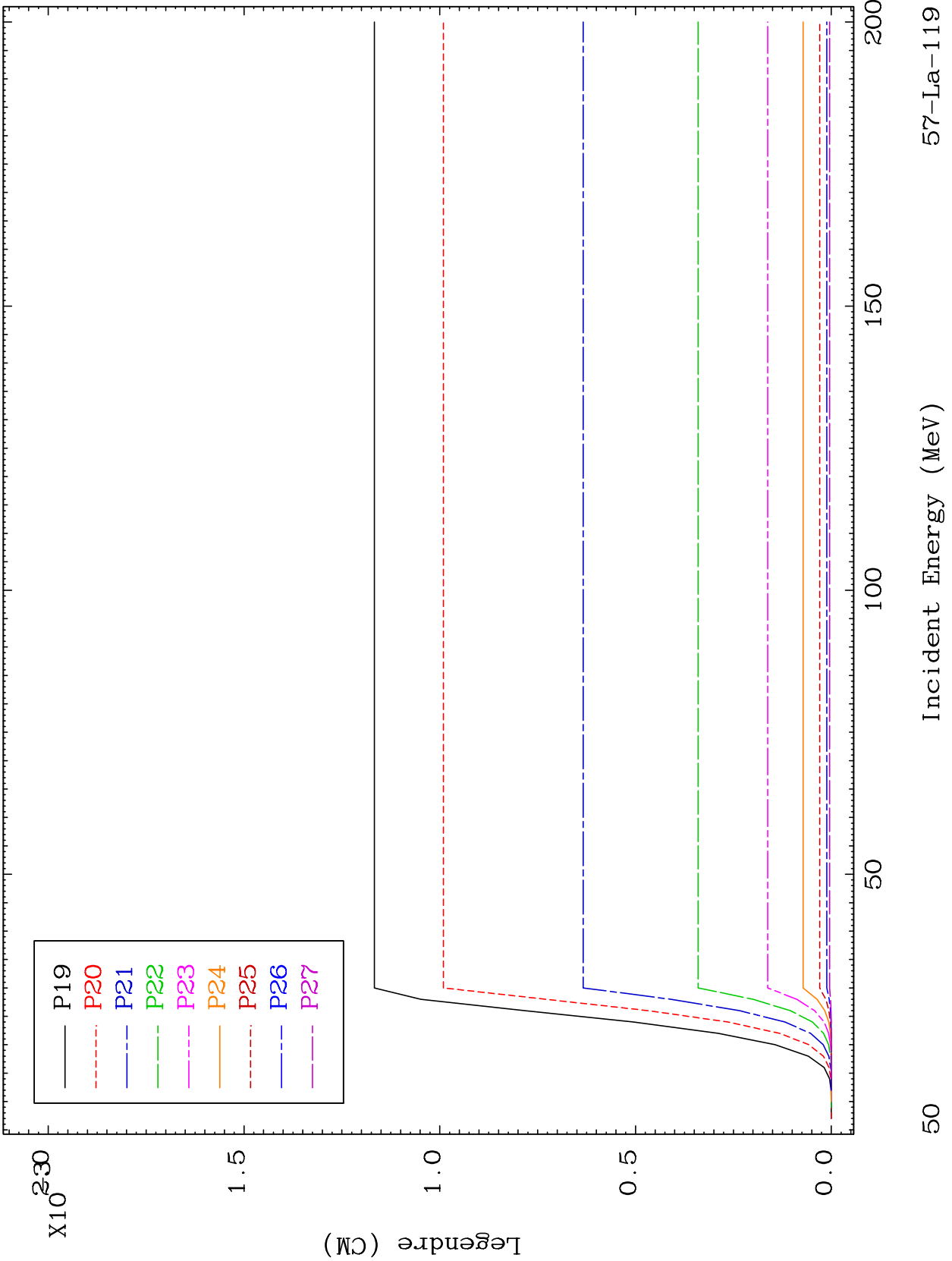
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119

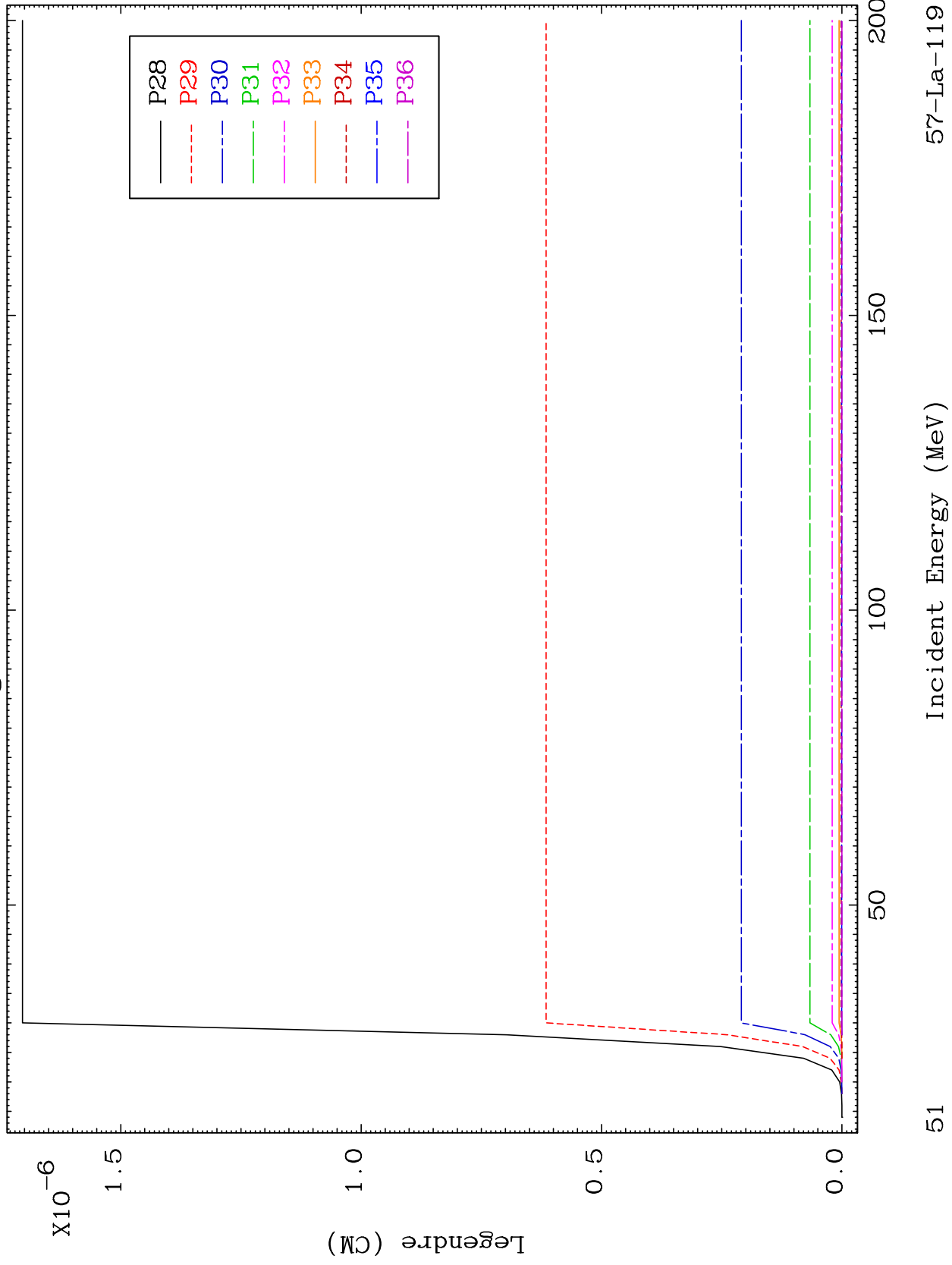


57-La-119

MAT 5668

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

57-La-119



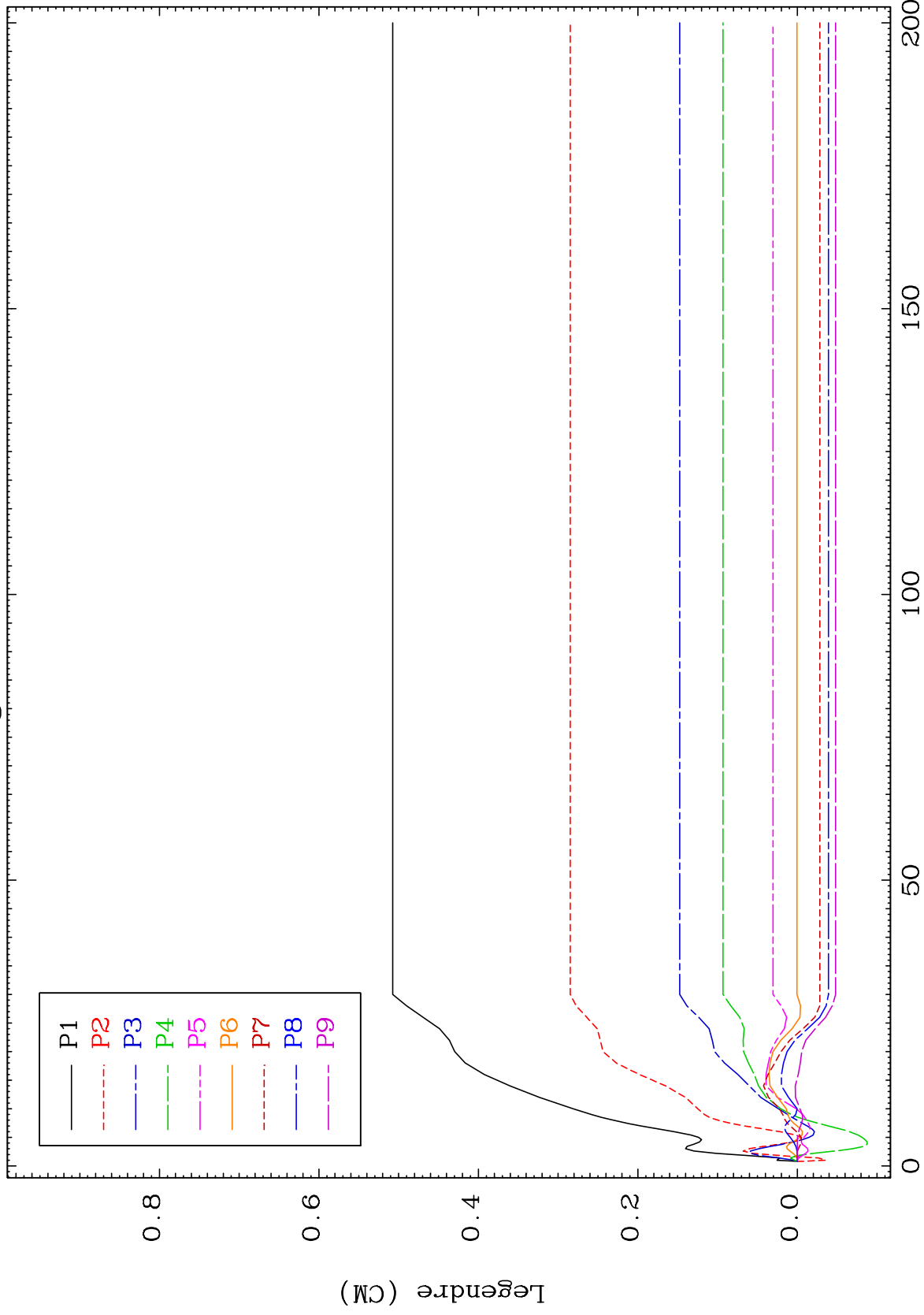
51

57-La-119

MAT 5668

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

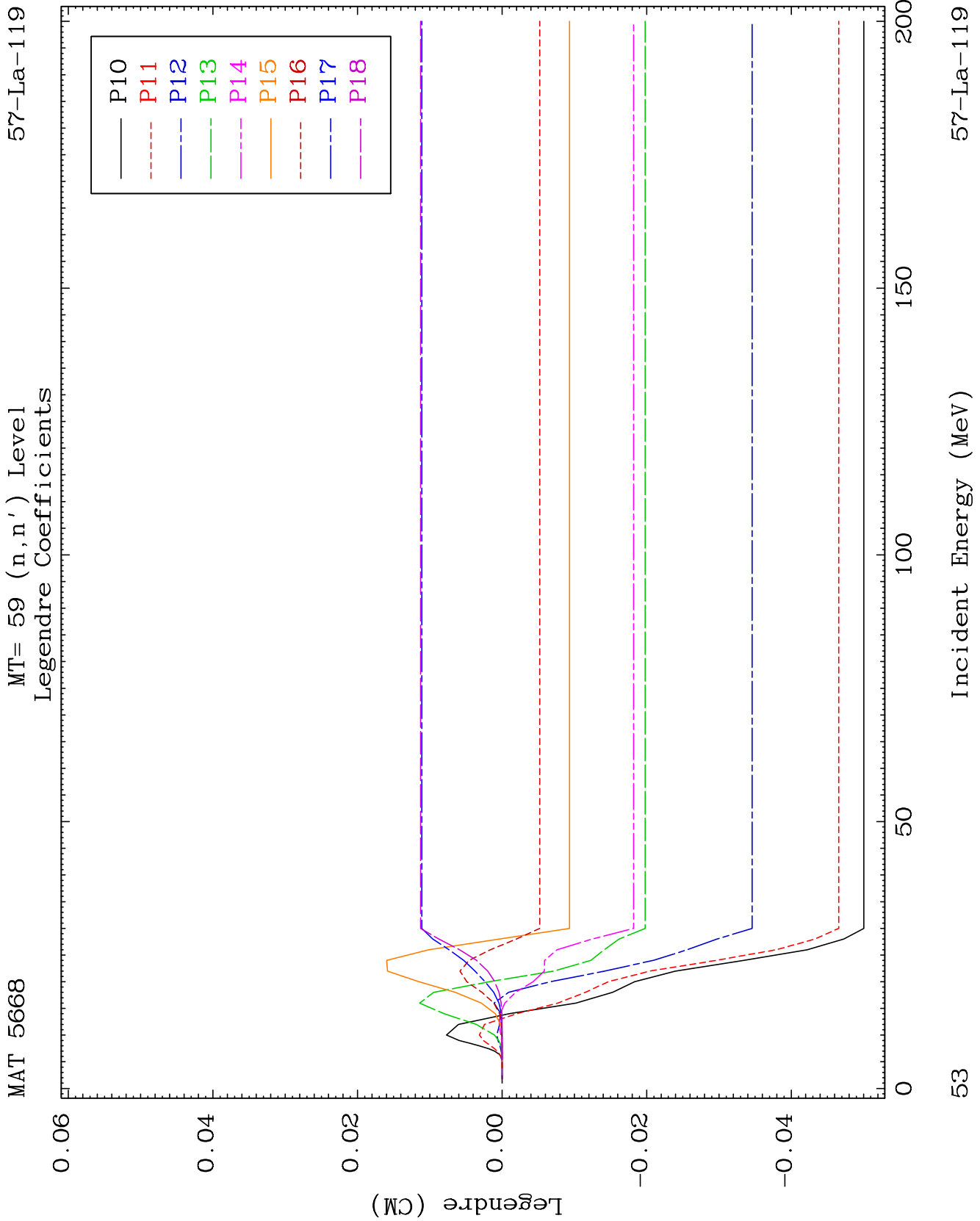
57-La-119



52

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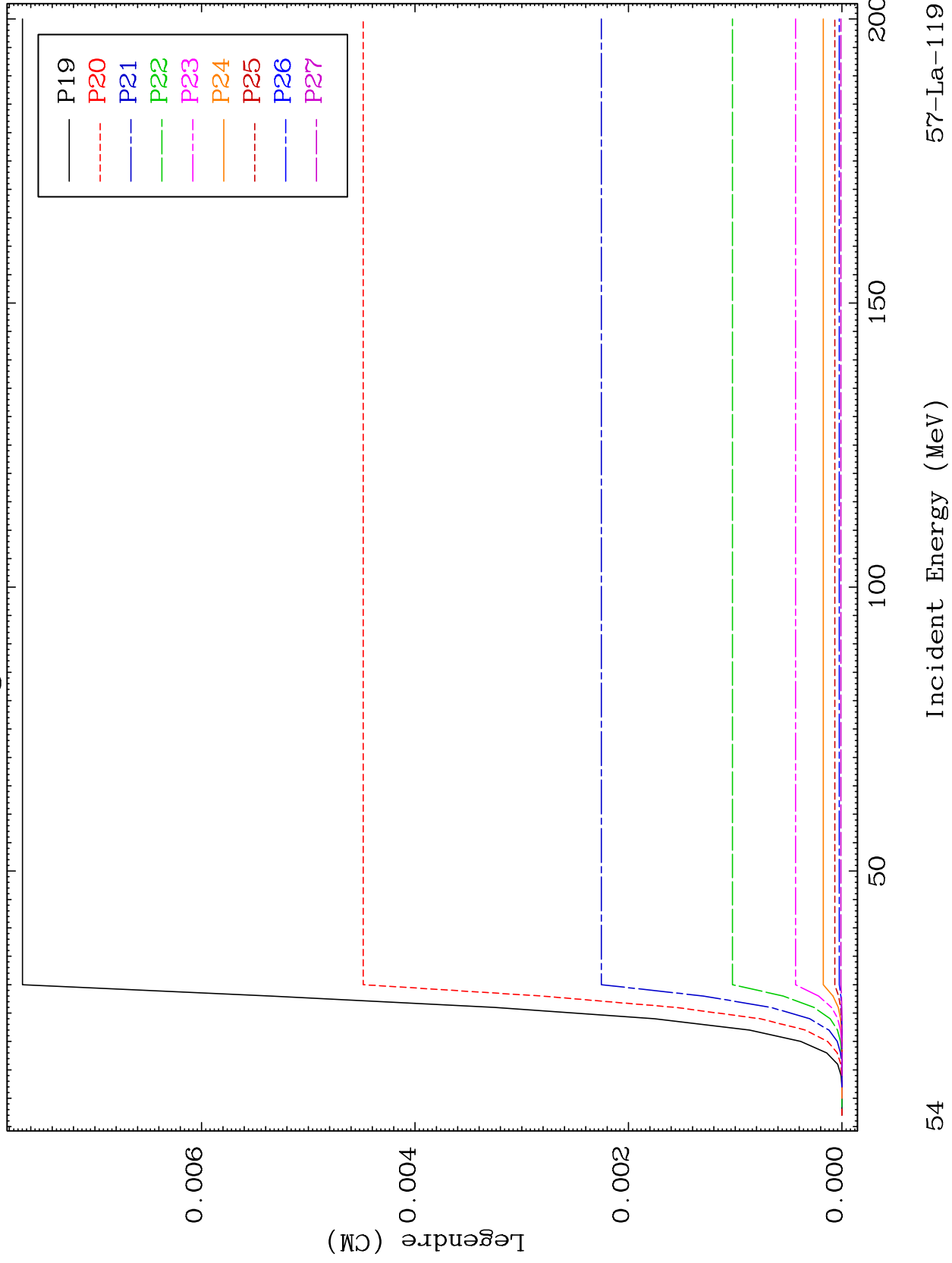
57-La-119



MAT 5668

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

57-La-119



54

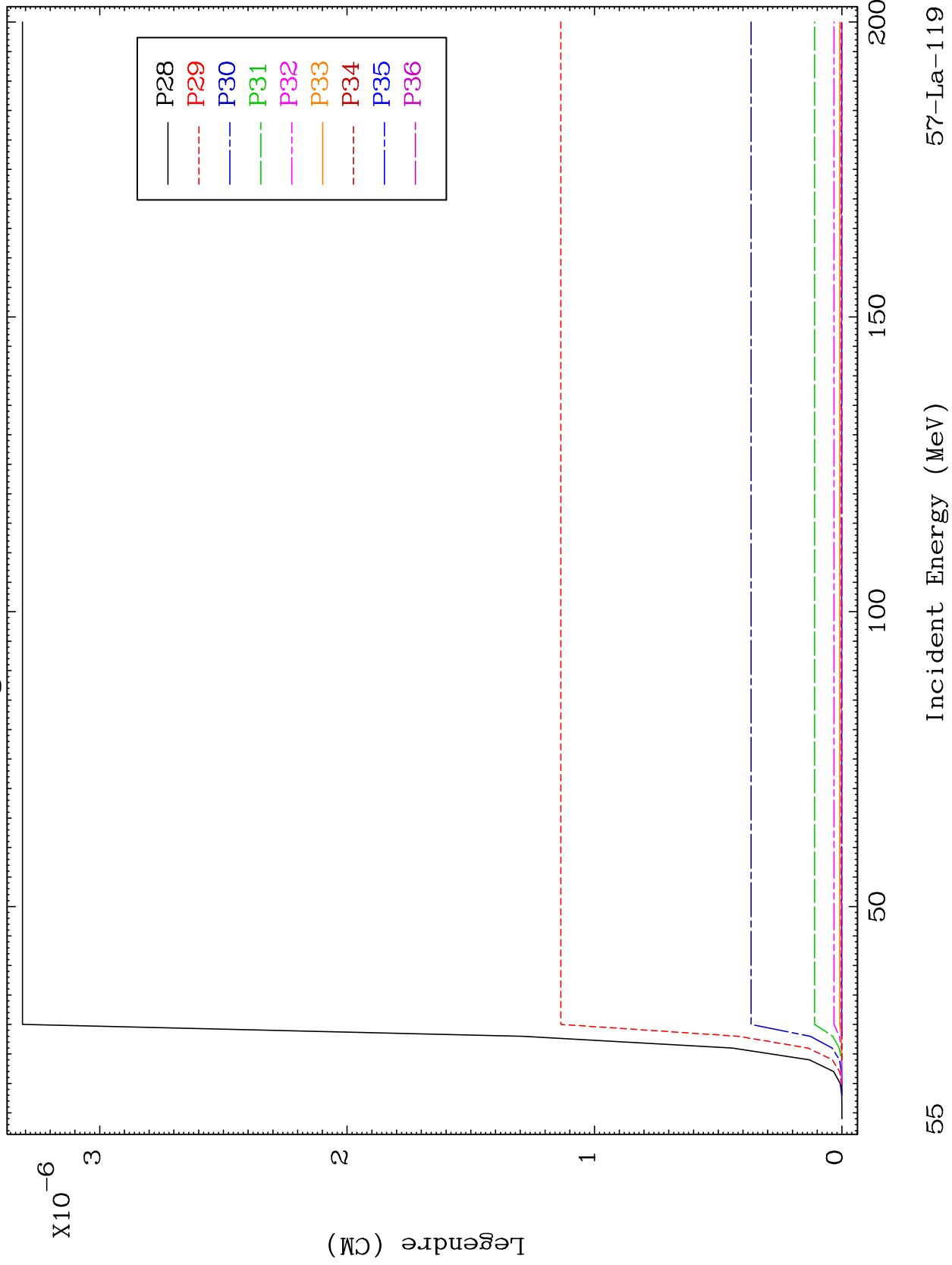
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



55

Incident Energy (MeV)

57-La-119

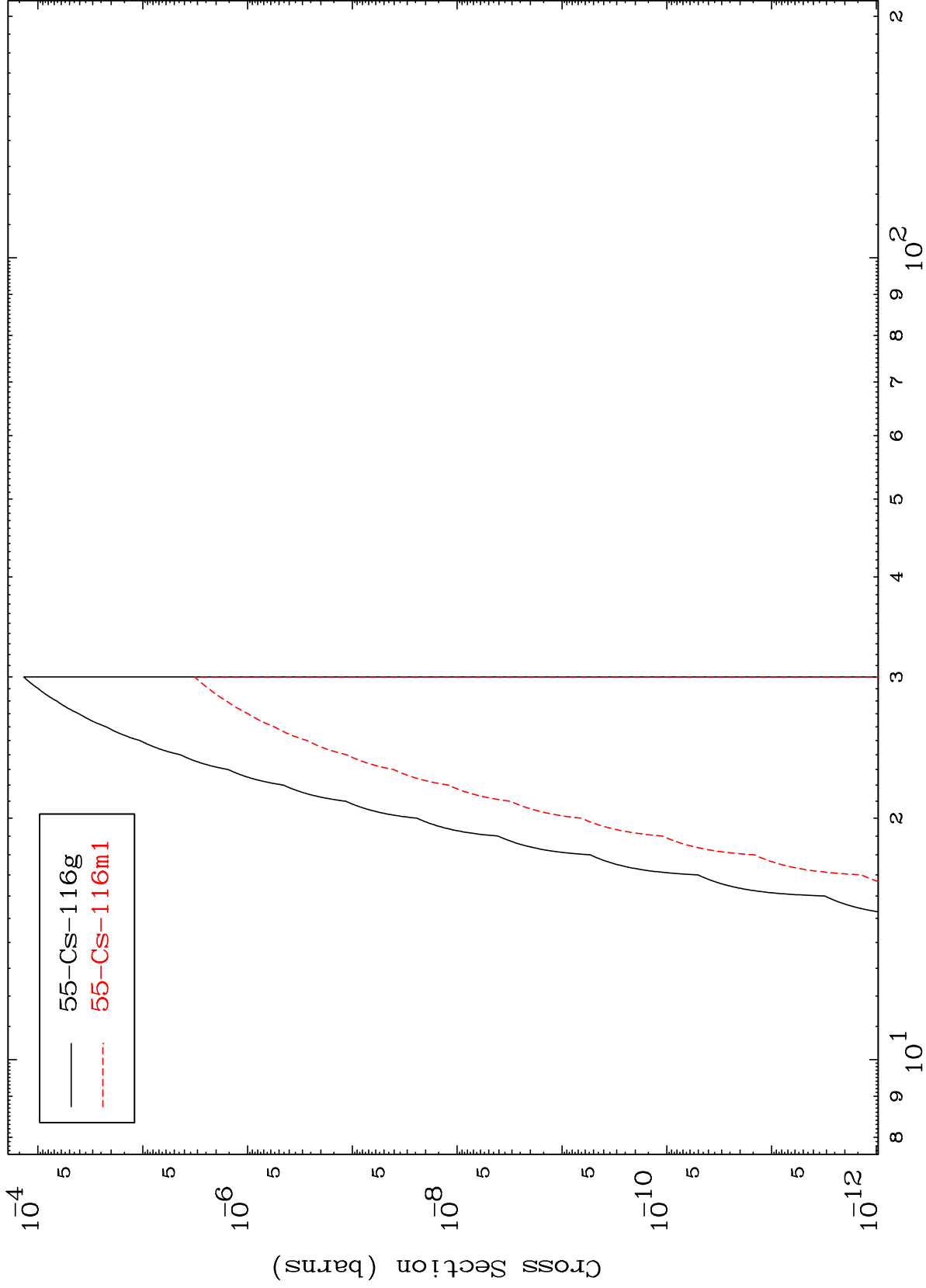


MAT 5668

(n,n') He-3

57-La-119

Radionuclide Production Cross Section



56

Incident Energy (MeV)

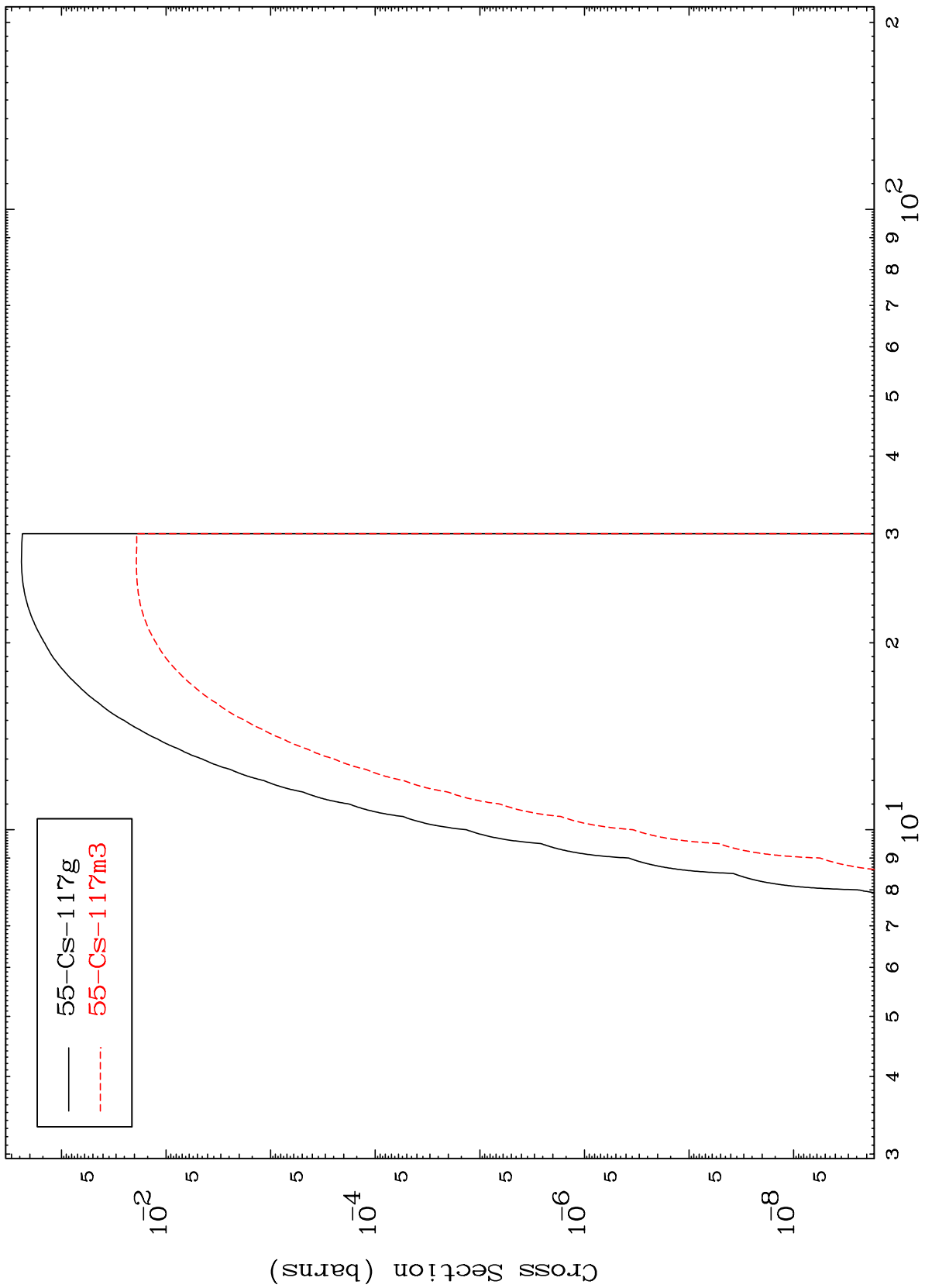
57-La-119

MAT 5668

(n,2n) p

57-La-119

Radionuclide Production Cross Section



57

Incident Energy (MeV)

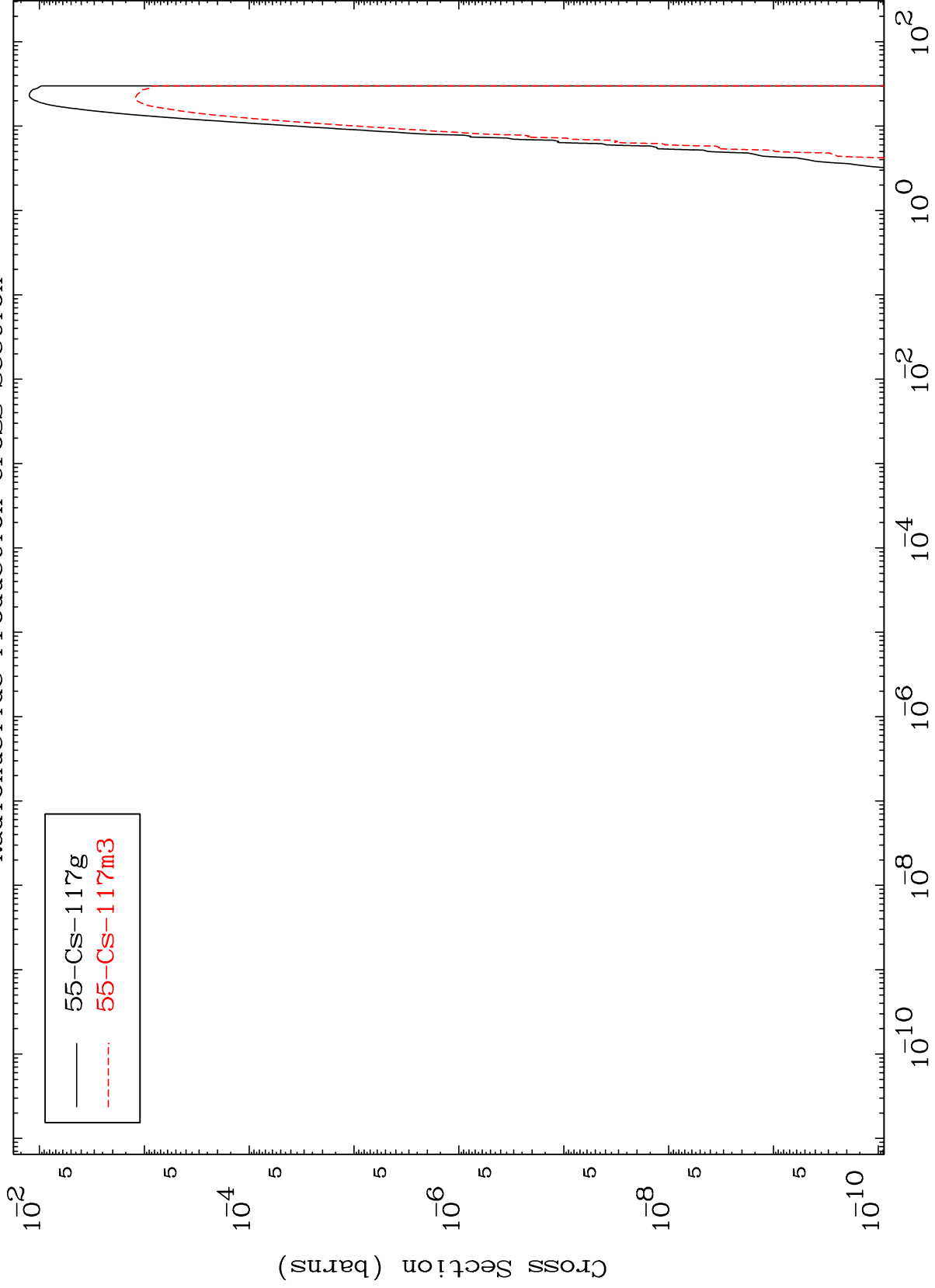
57-La-119

MAT 5668

(n,He-3)

57-La-119

Radionuclide Production Cross Section



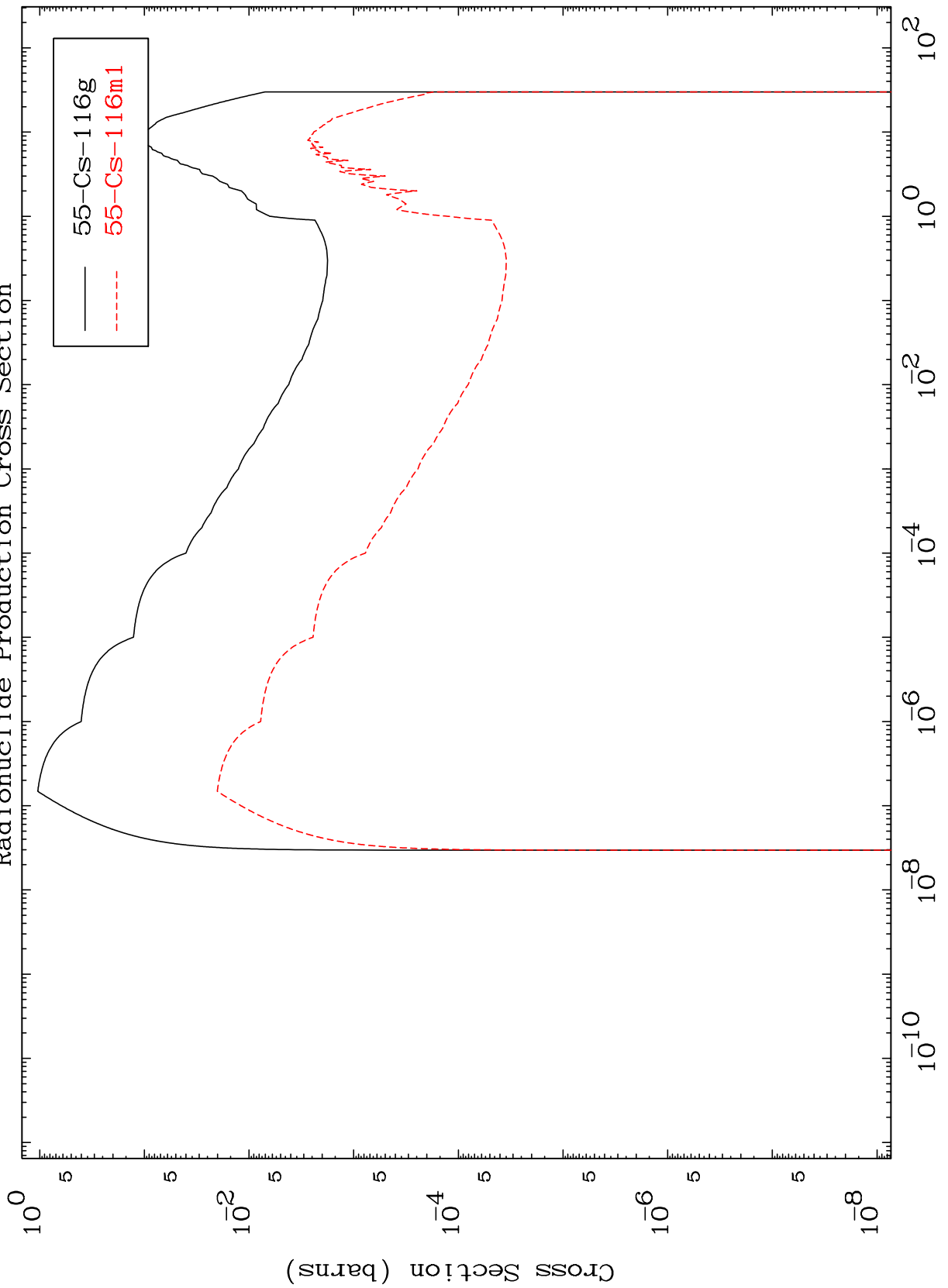
55-Cs-117g  
55-Cs-117m3

58

57-La-119

Incident Energy (MeV)

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

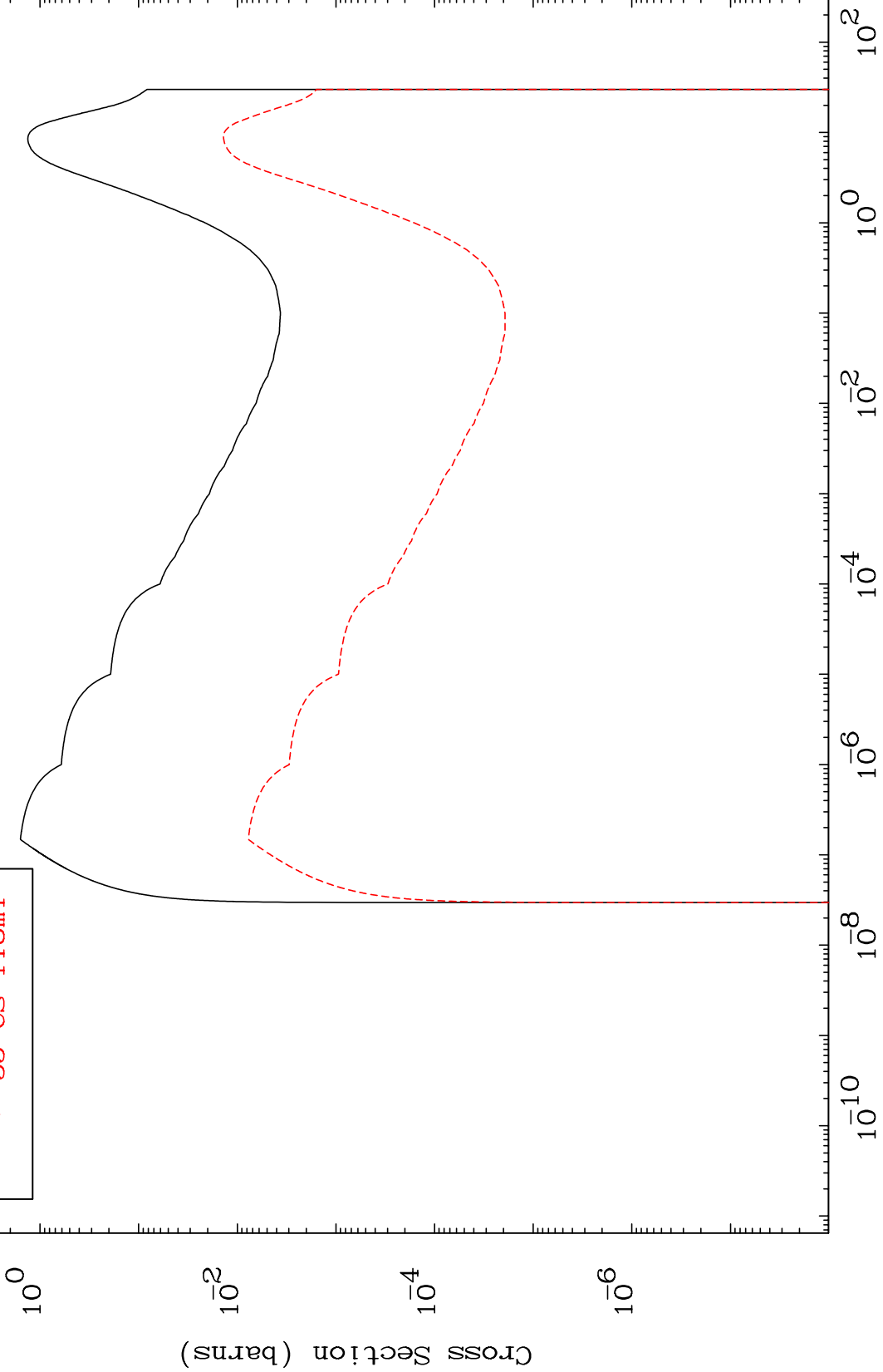
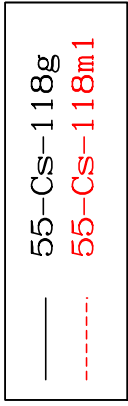


MAT 5668

(n,2p)

57-La-119

Radionuclide Production Cross Section



60

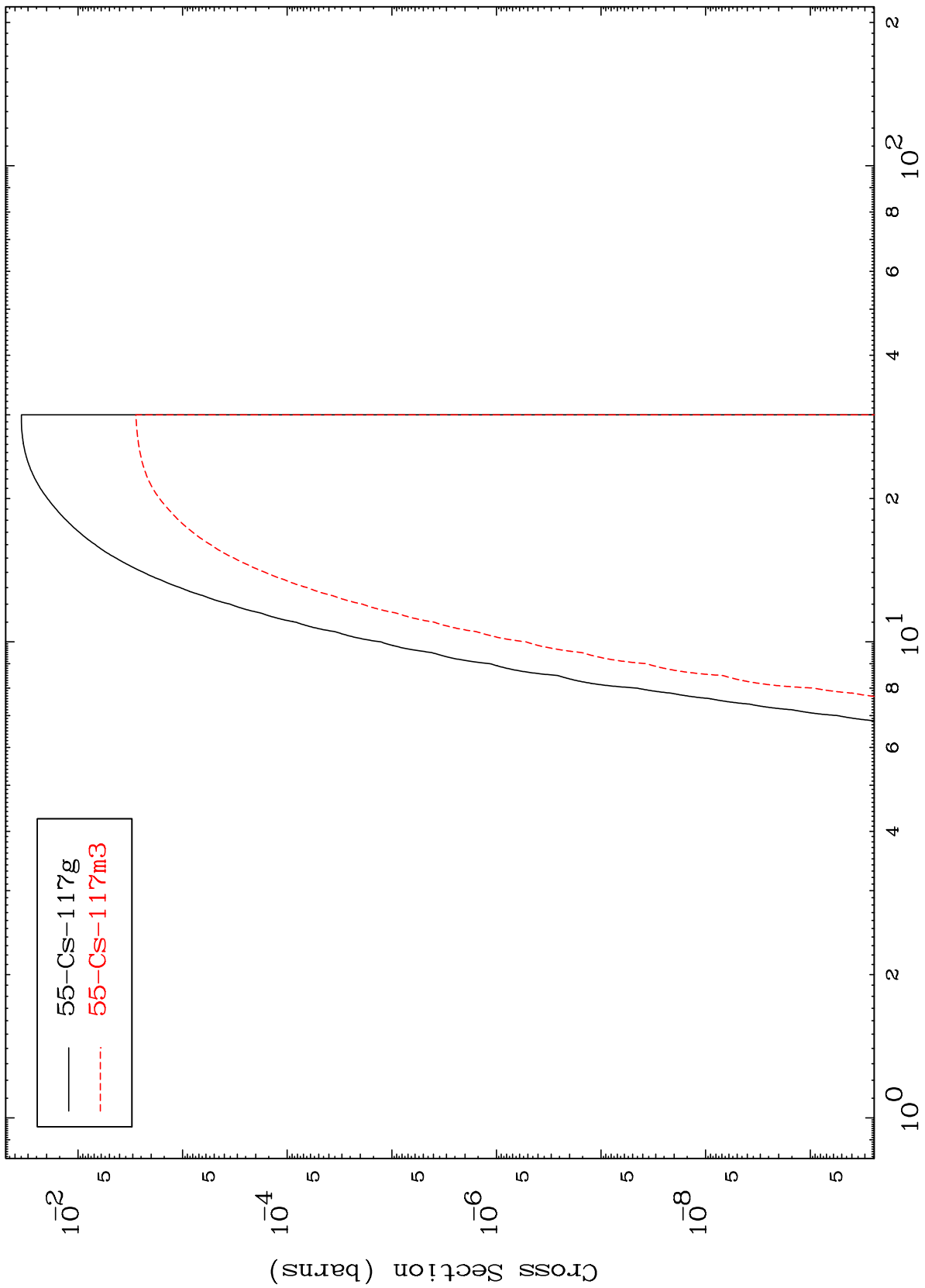
57-La-119

MAT 5668

(n,p) d

57-La-119

Radionuclide Production Cross Section



55-Cs-117g  
55-Cs-117m3

61

Incident Energy (MeV)

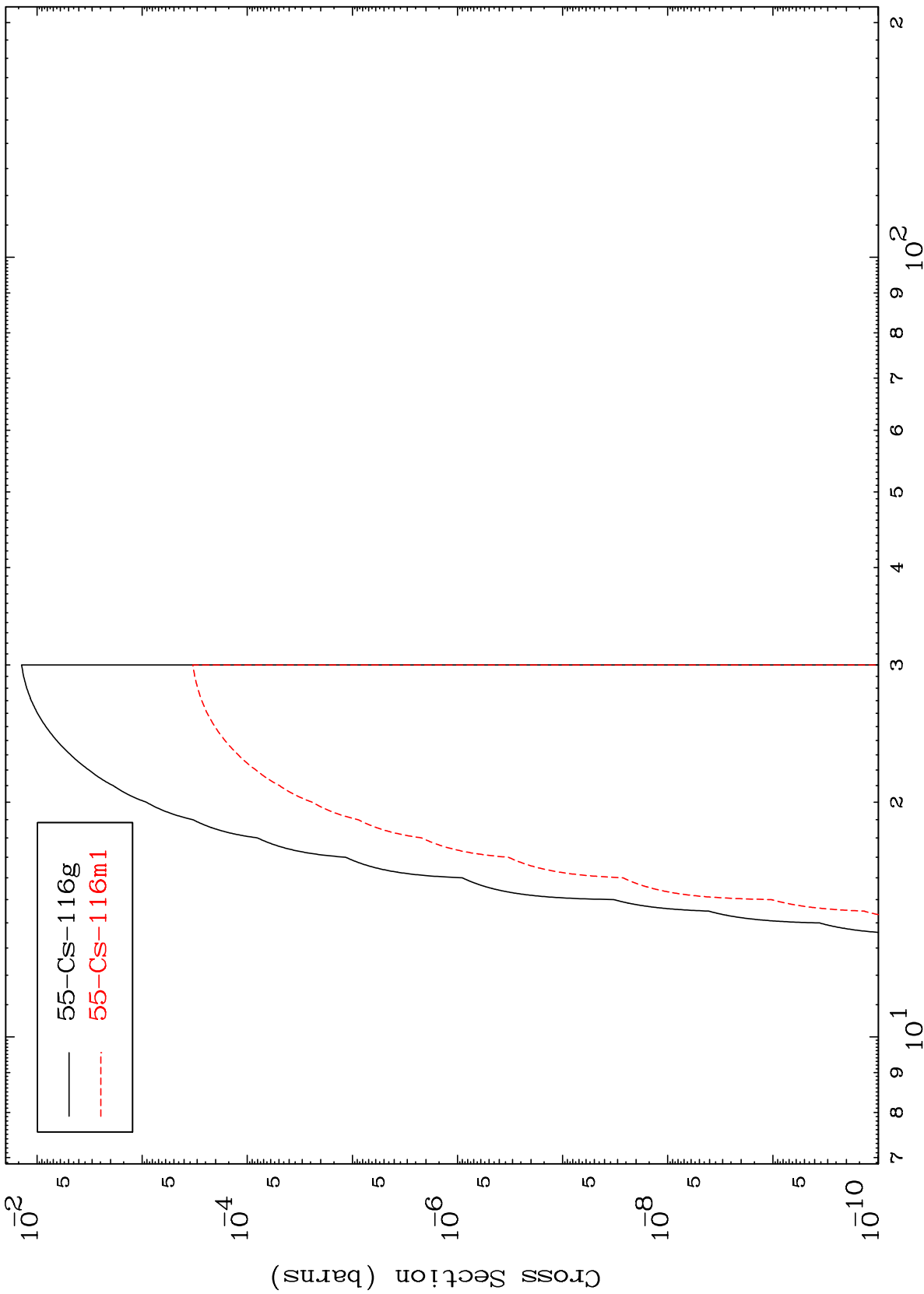
57-La-119

MAT 5668

(n,p) t

57-La-119

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-119

62