

Program EVALPLOT  
(Version 2021-1)

by

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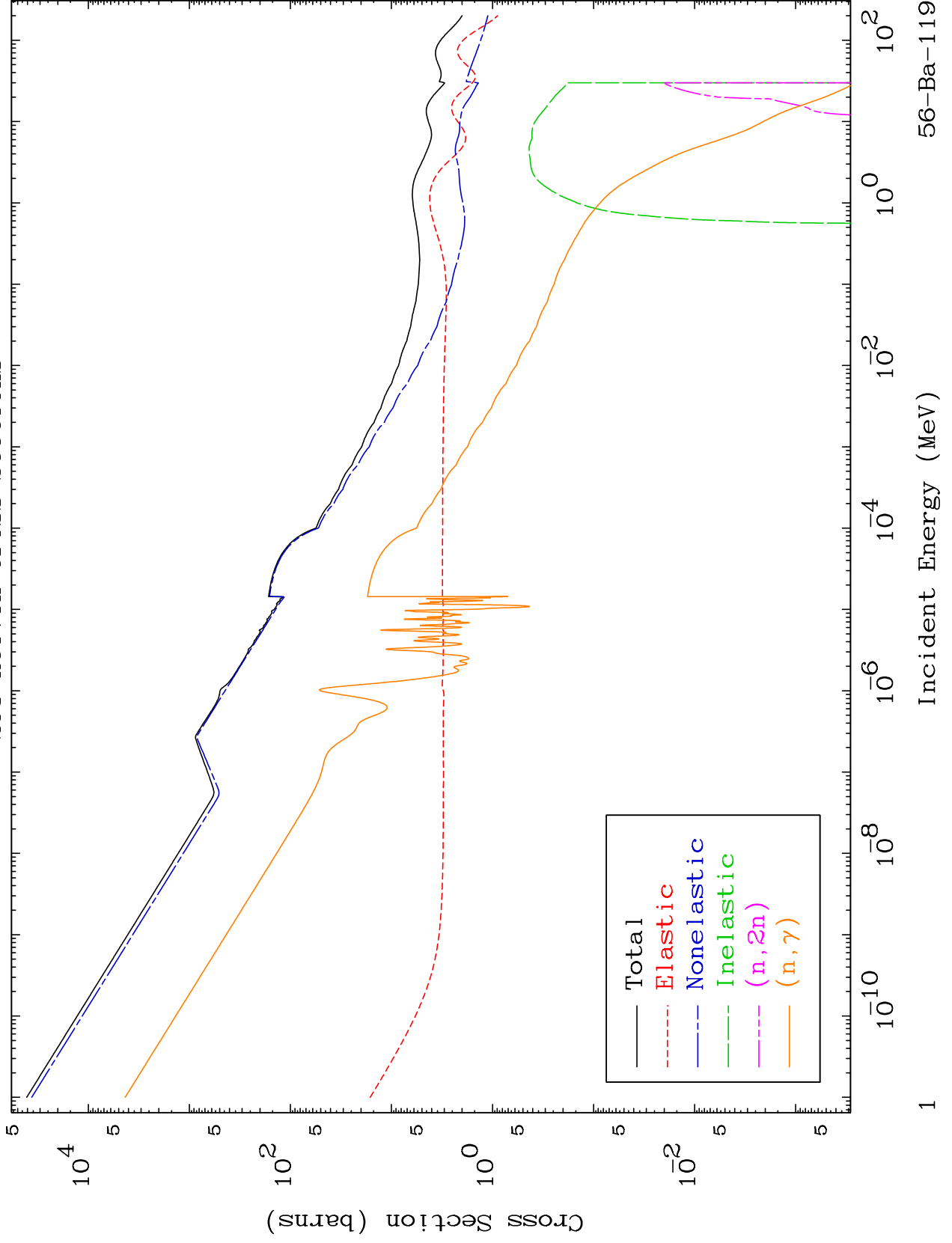
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Press Mouse Button to Start

MAT 5592

Neutron Major  
293 Kelvin Cross Sections

56-Ba-119

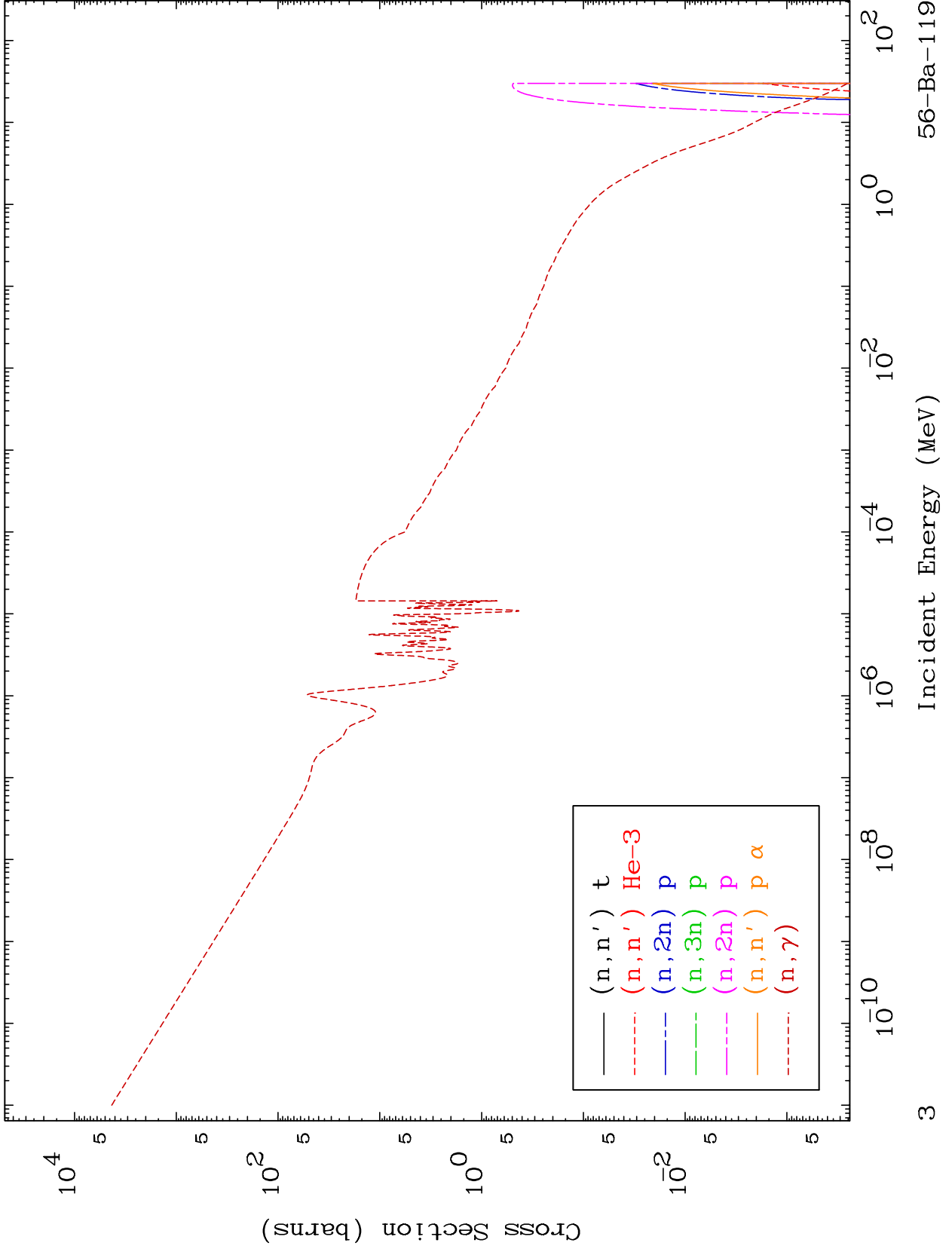


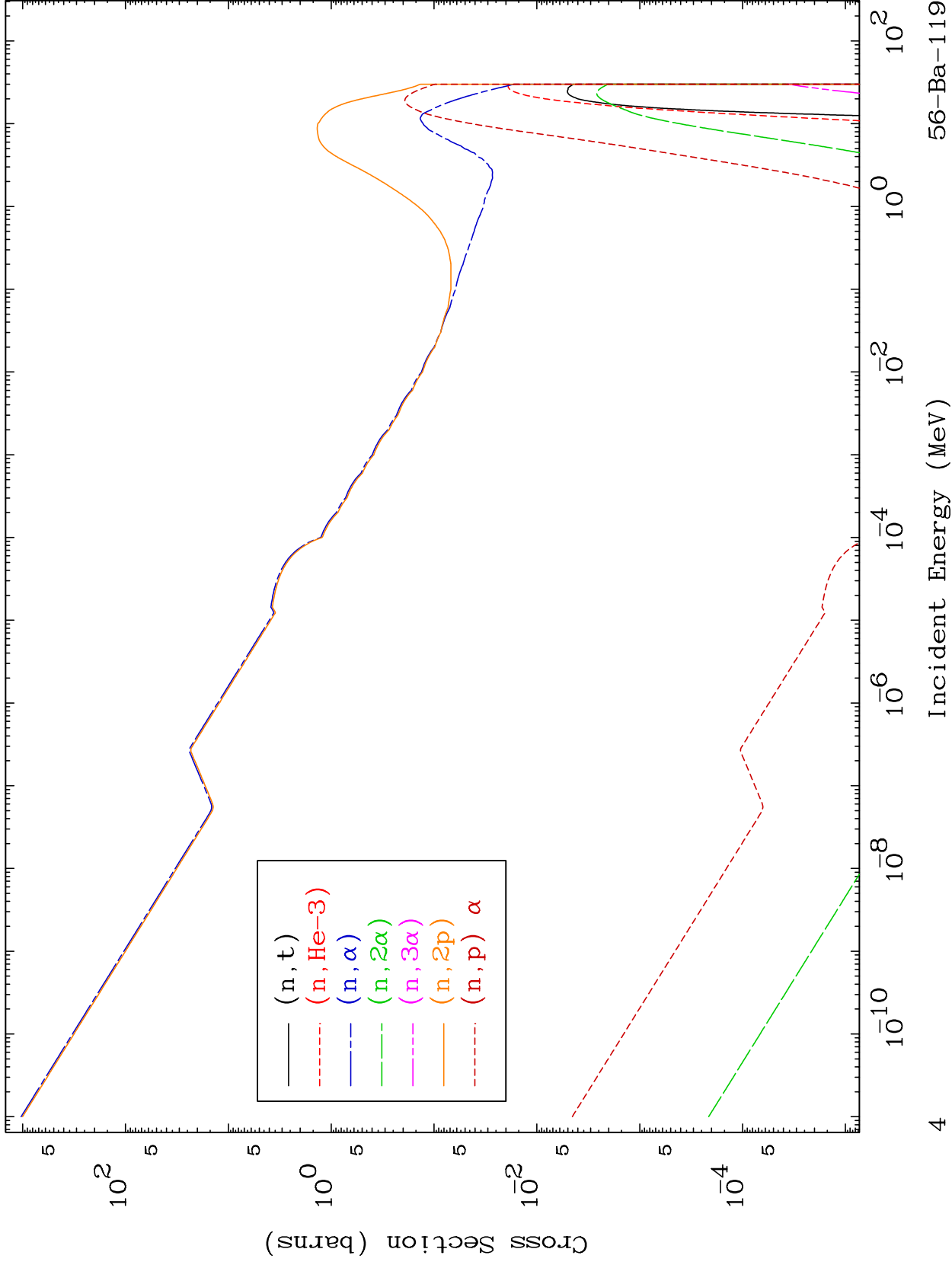


MAT 5592

Neutron Absorption  
293 Kelvin Cross Sections

56-Ba-119

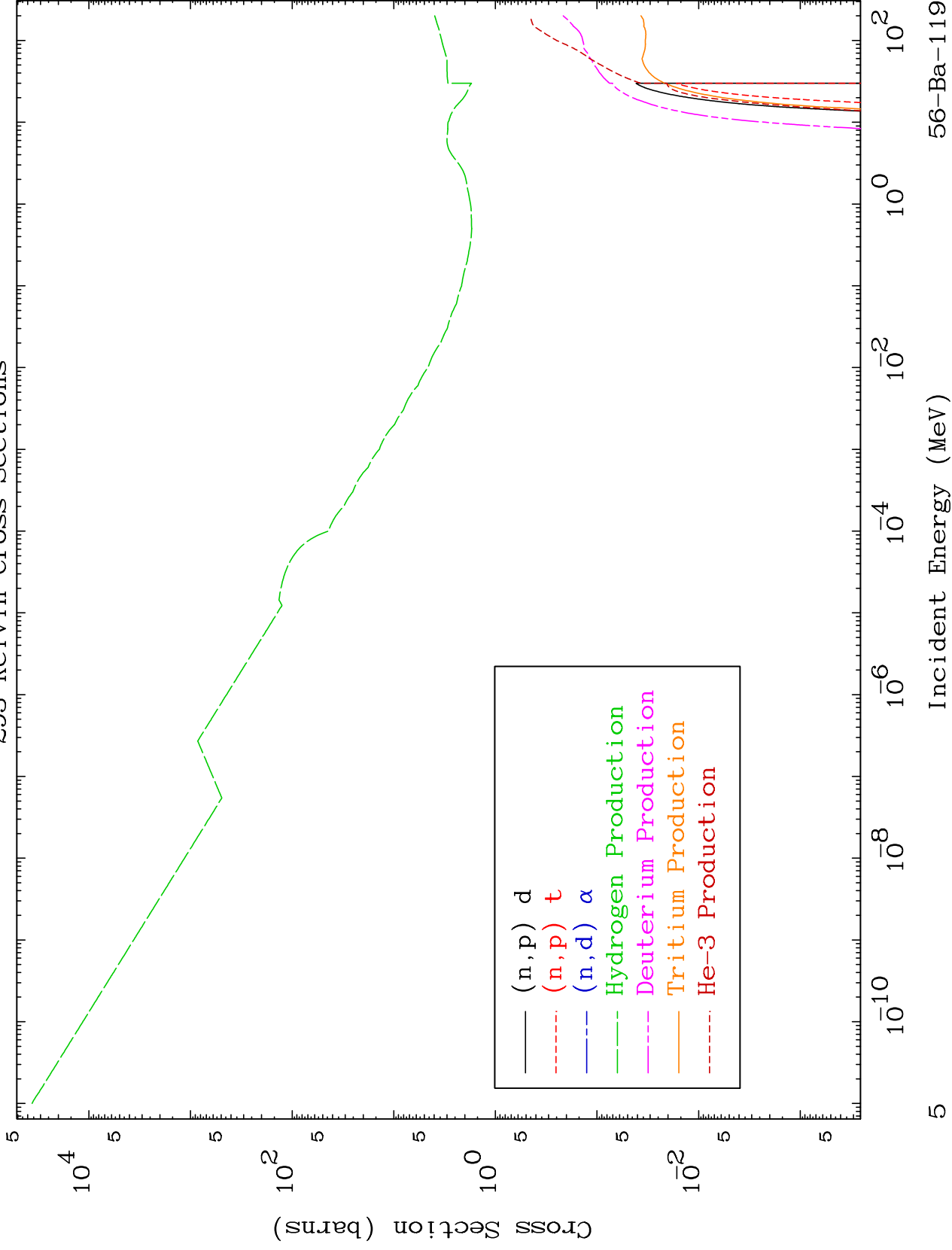




MAT 5592

Neutron Absorption  
293 Kelvin Cross Sections

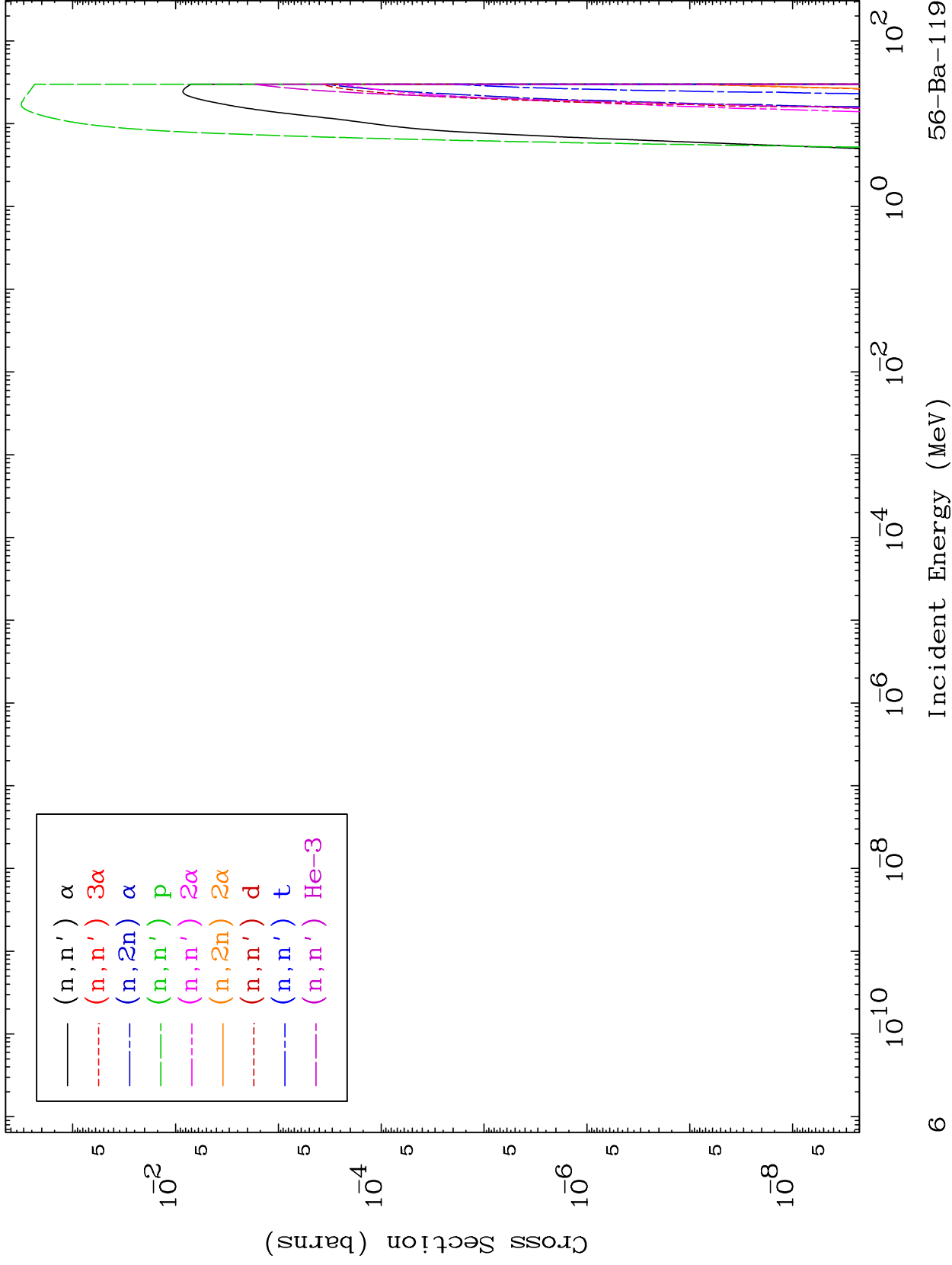
56-Ba-119



MAT 5592

Charged Particle  
293 Kelvin Cross Sections

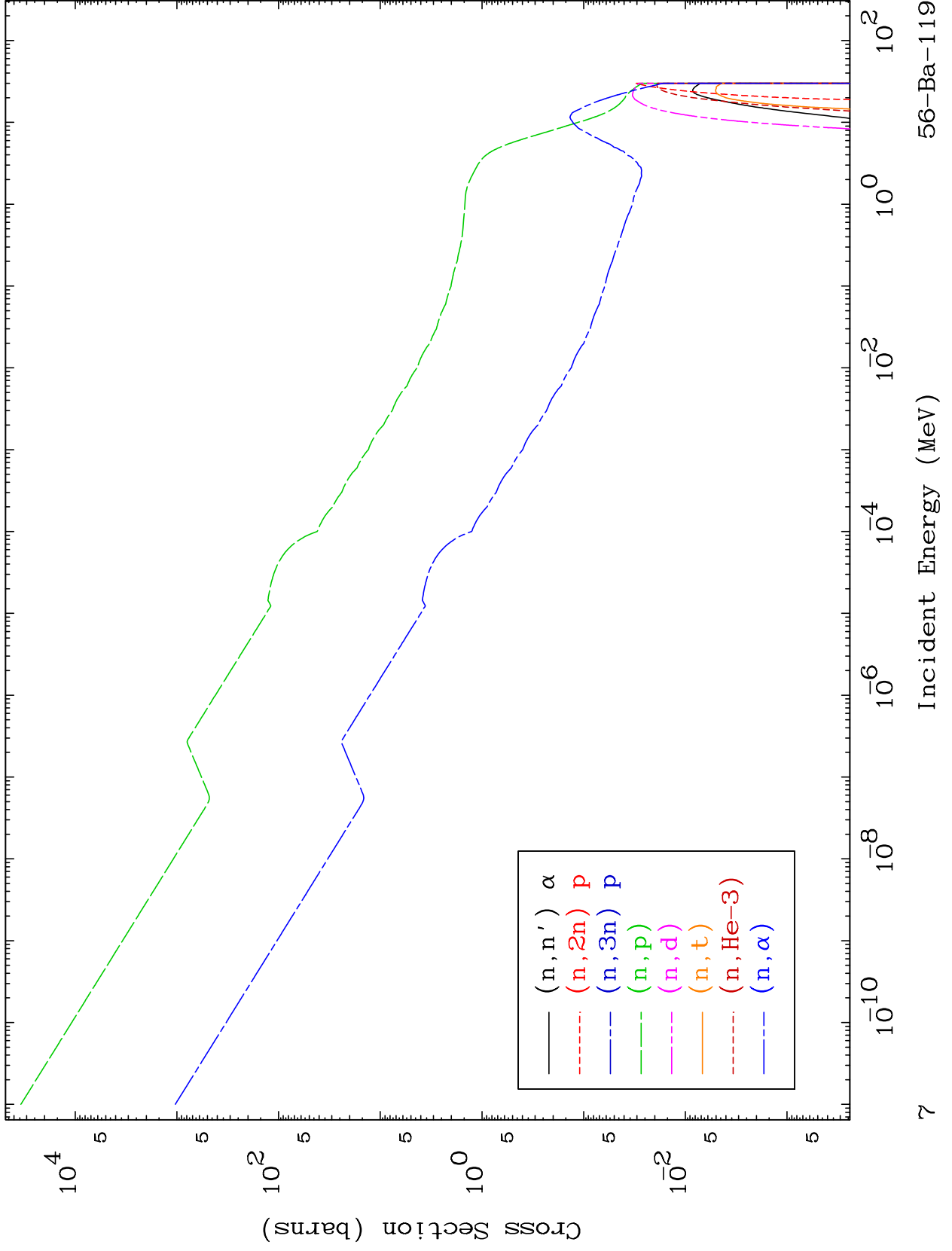
56-Ba-119

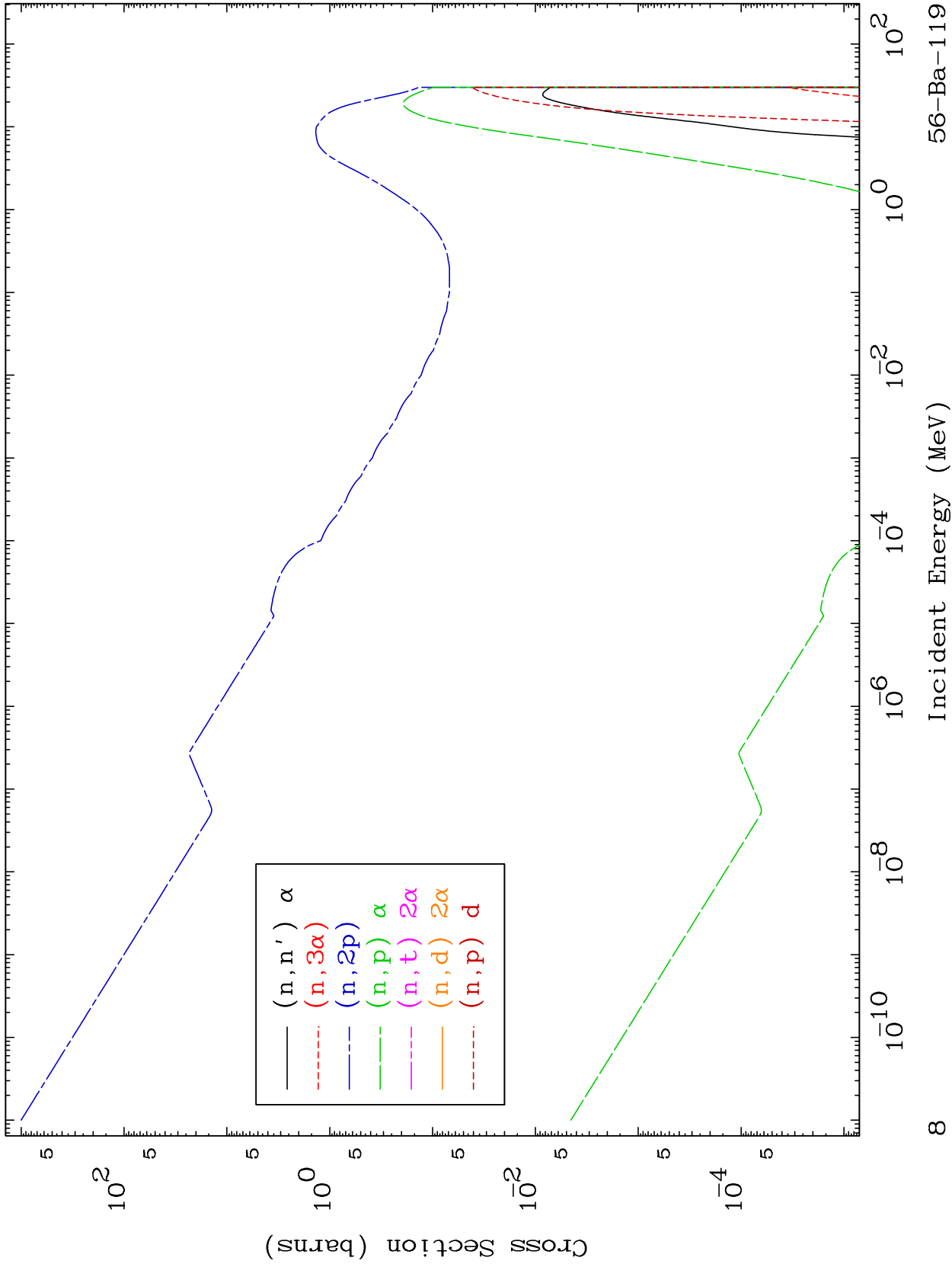


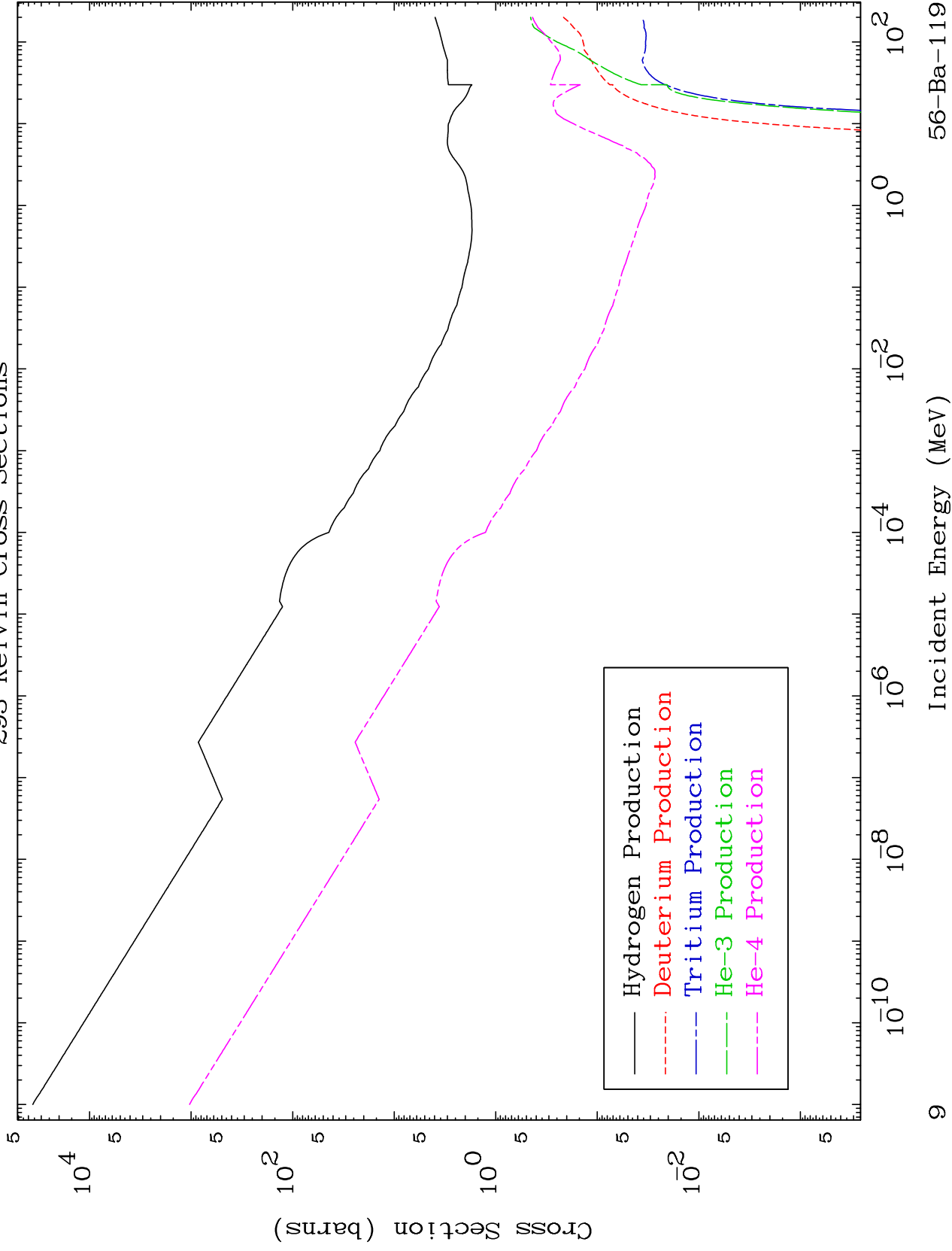
MAT 5592

Charged Particle  
293 Kelvin Cross Sections

56-Ba-119





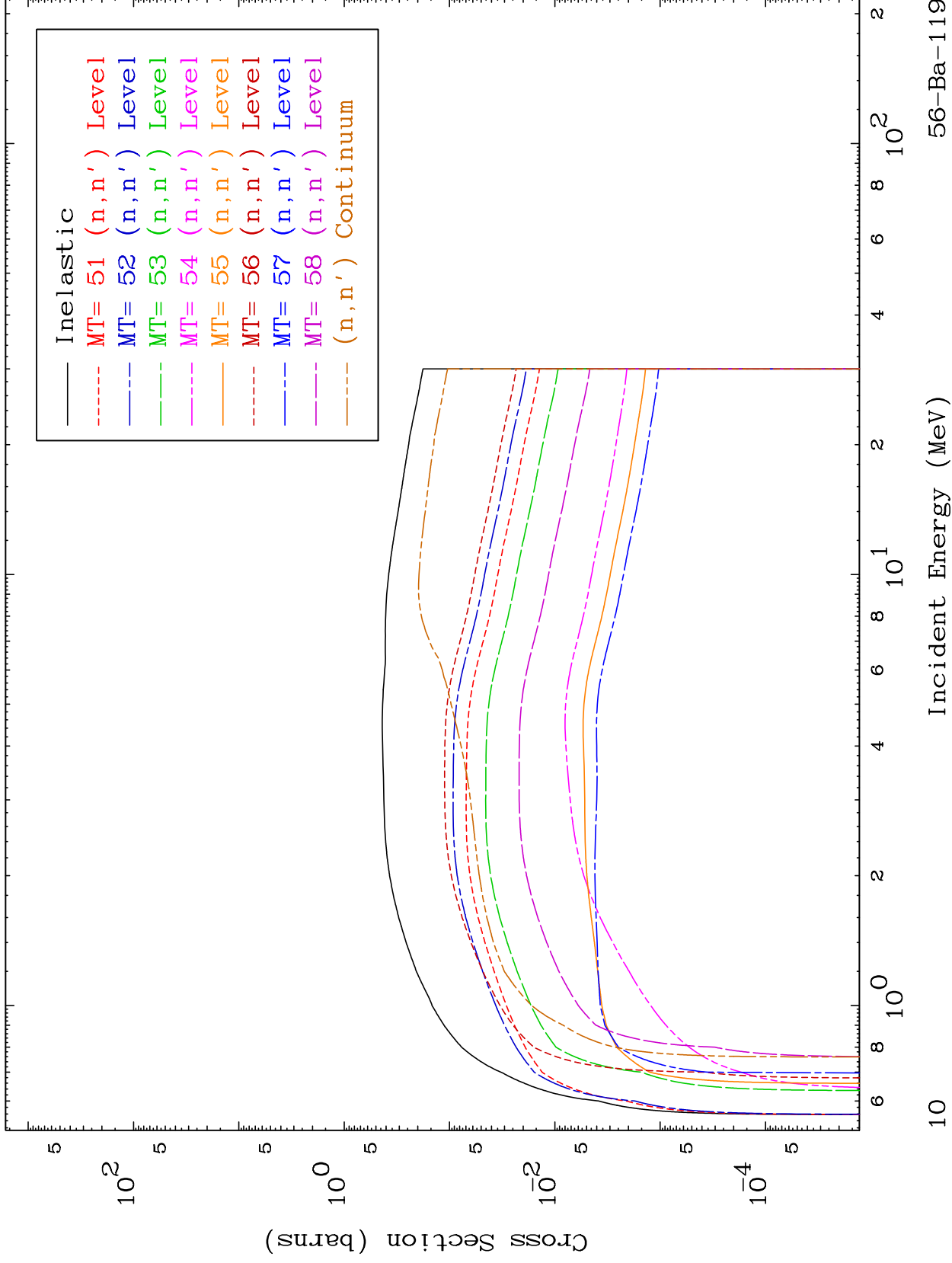


MAT 5592

(n,n') Levels

56-Ba-119

293 Kelvin Cross Sections



56-Ba-119

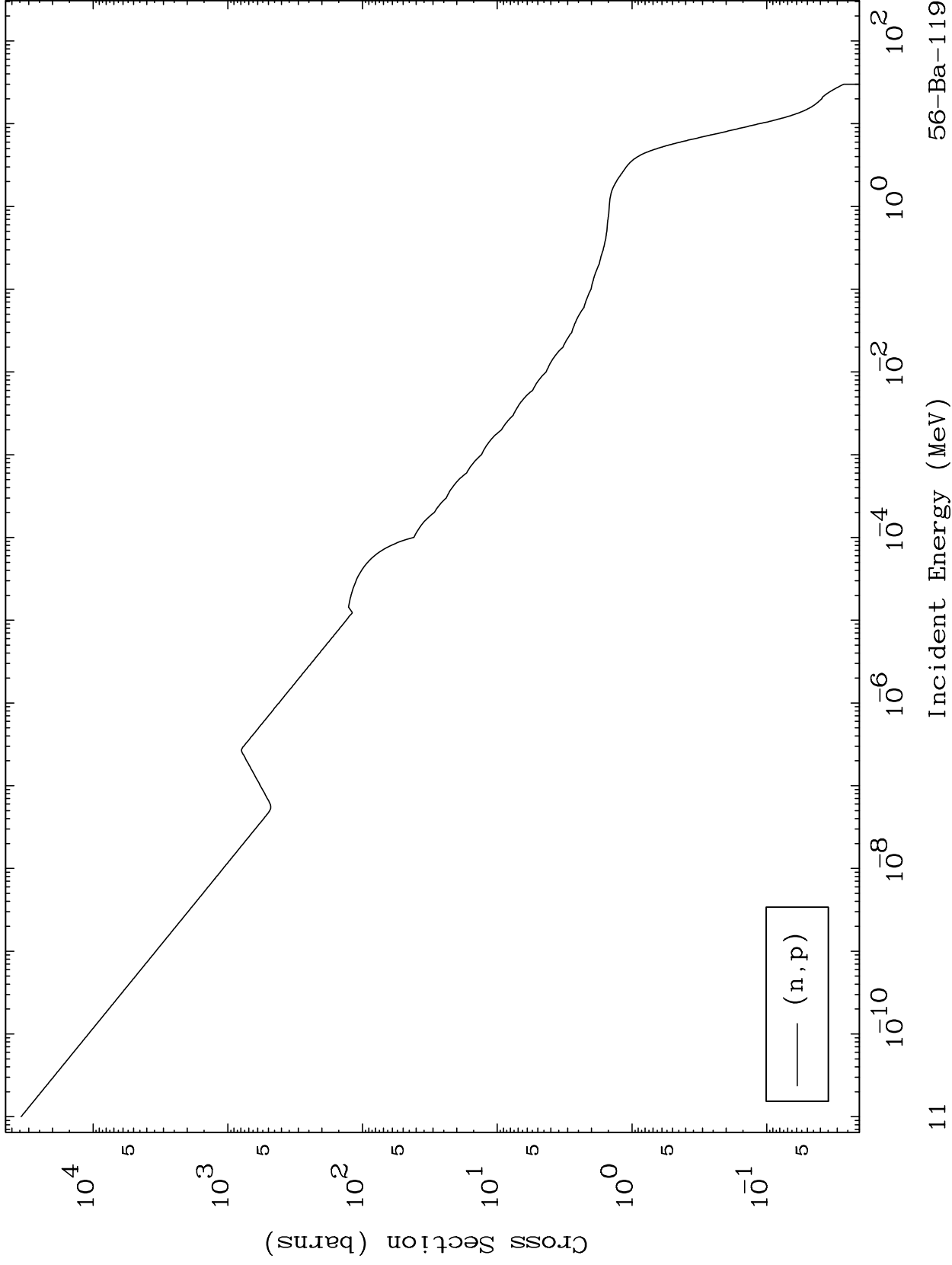
Incident Energy (MeV)

10

MAT 5592

(n,p) Levels  
293 Kelvin Cross Sections

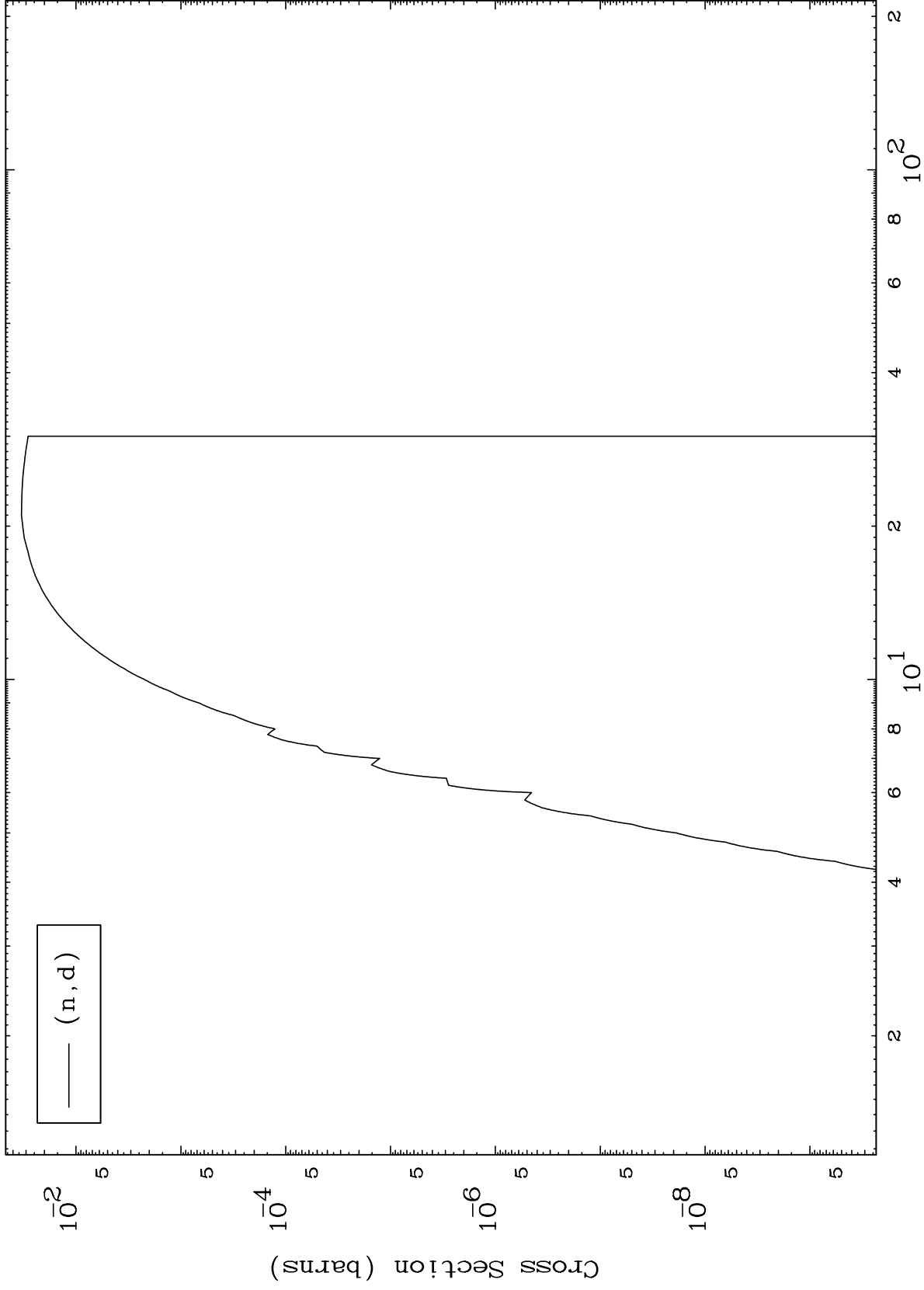
56-Ba-119



MAT 5592

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-119



12

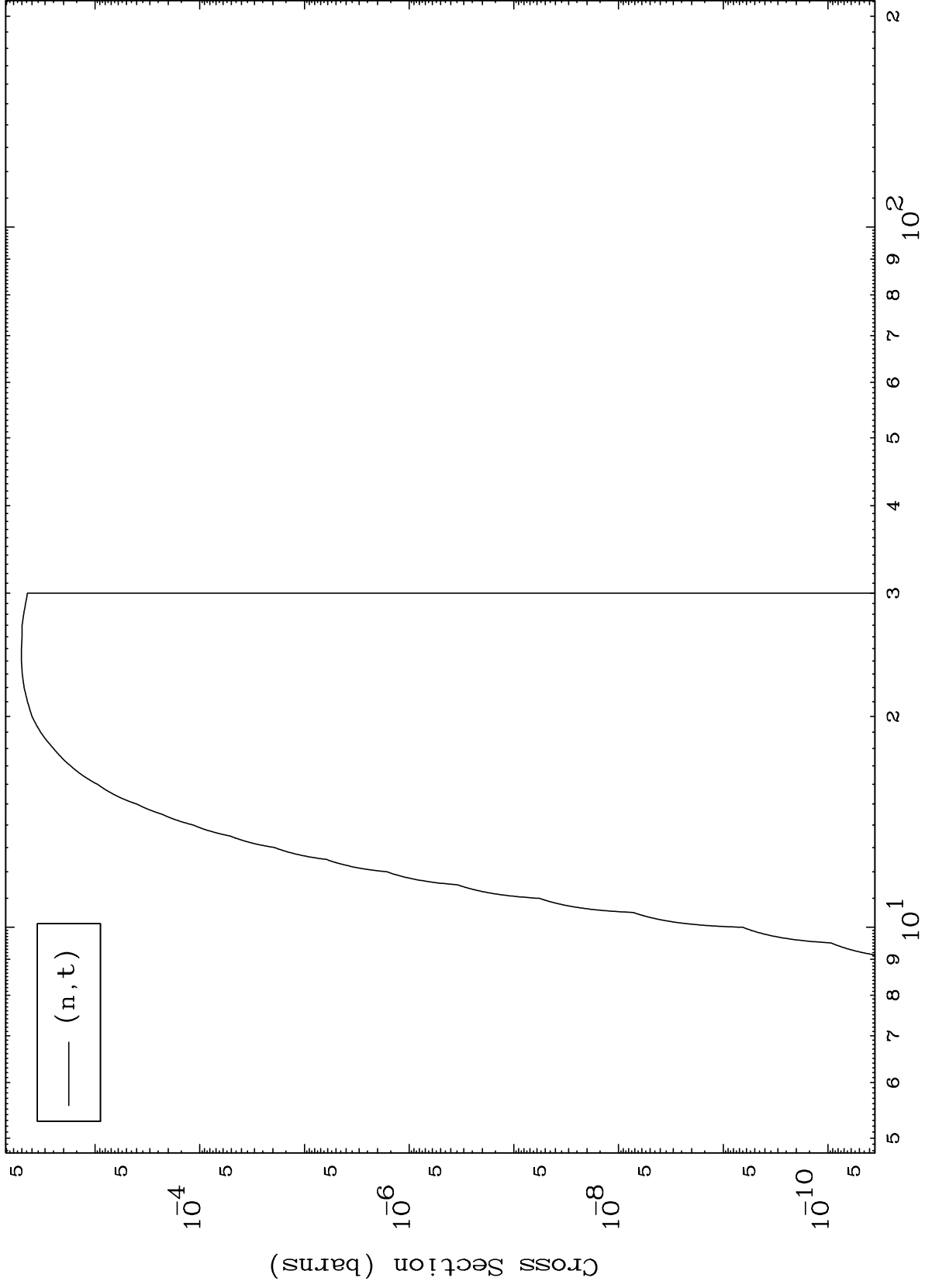
Incident Energy (MeV)

56-Ba-119

MAT 5592

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-119



13

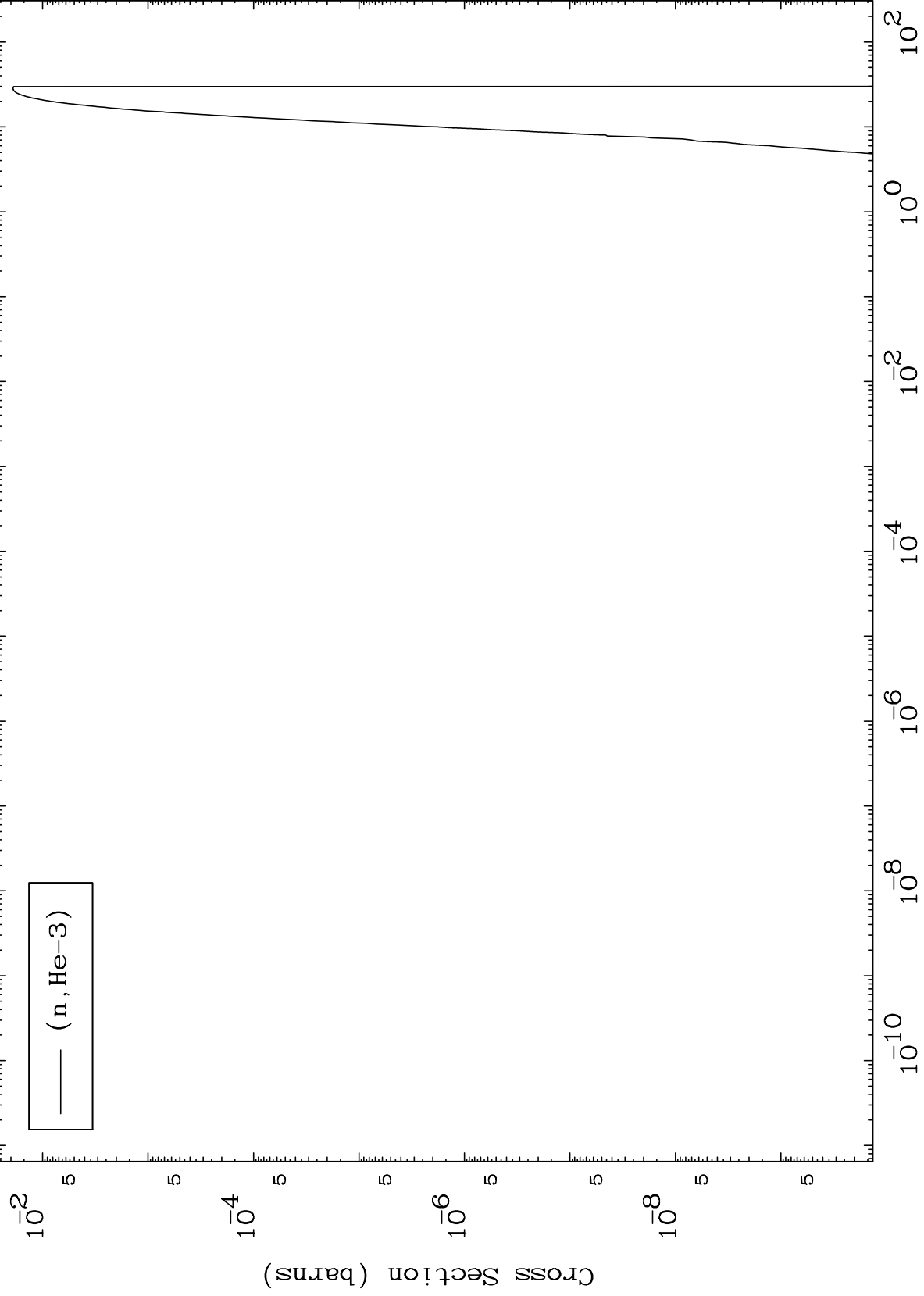
Incident Energy (MeV)

56-Ba-119

MAT 5592

(n,He3) Levels  
293 Kelvin Cross Sections

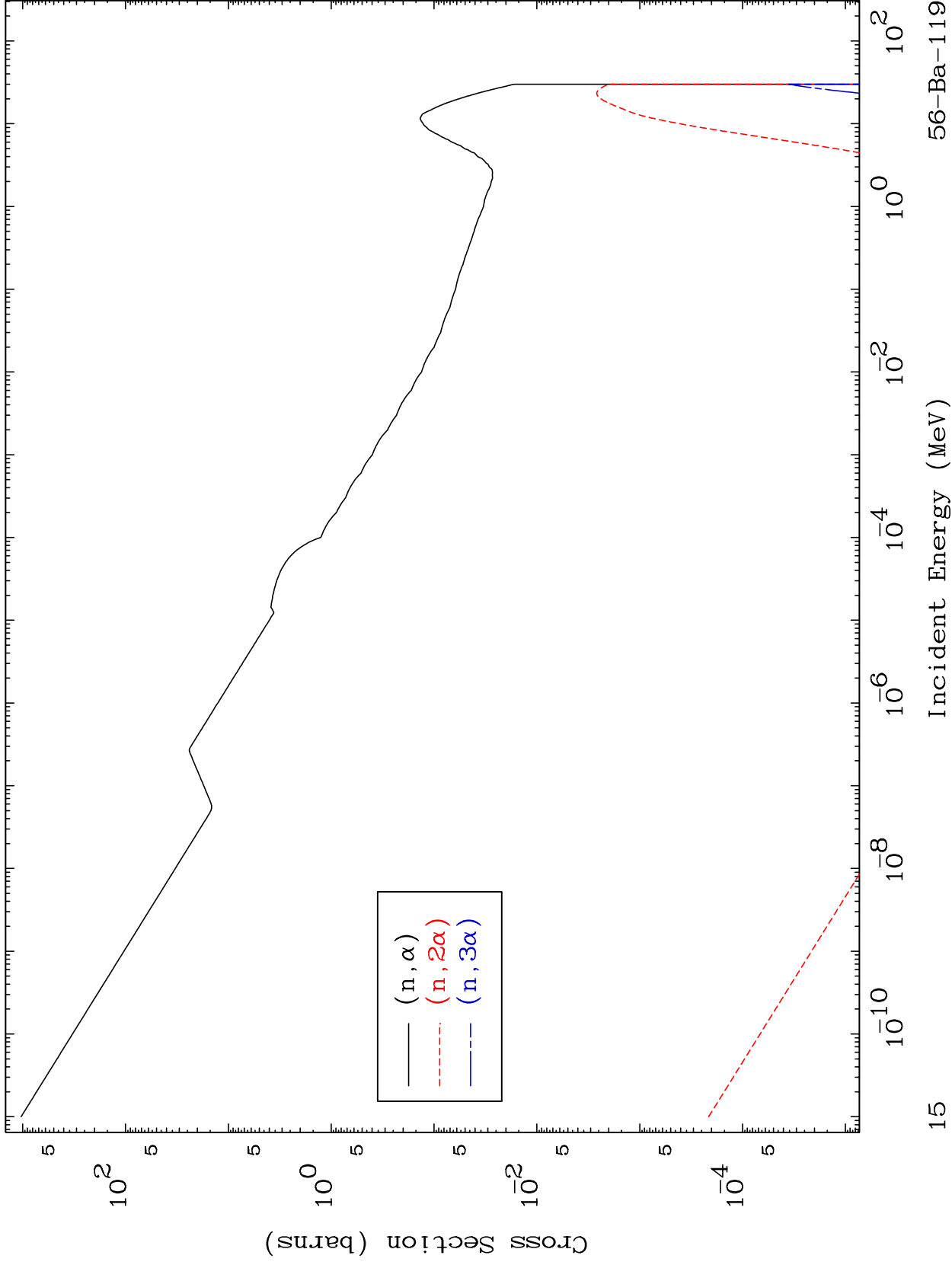
56-Ba-119



MAT 5592

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

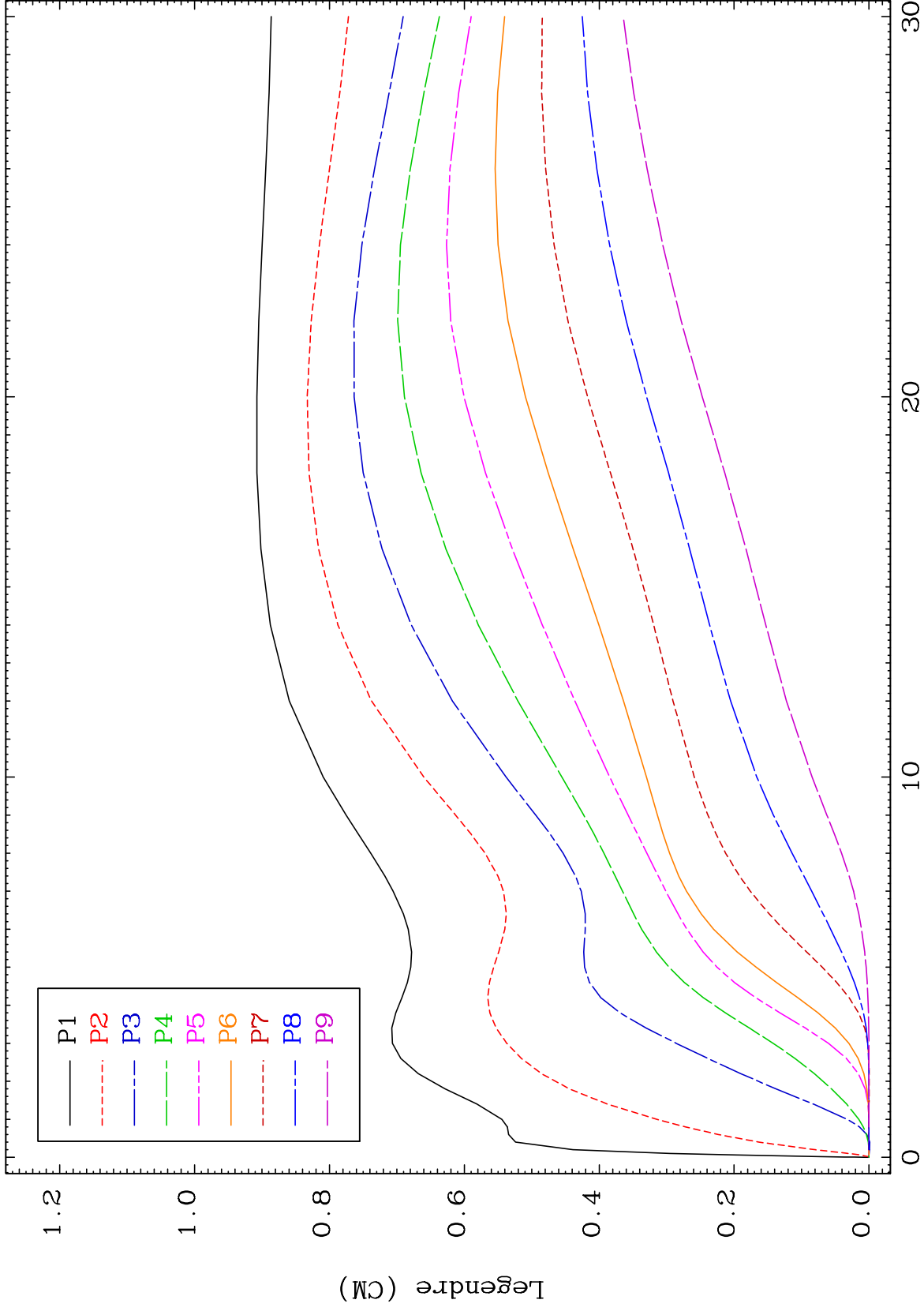
56-Ba-119



MAT 5592

Elastic Legendre Coefficients

56-Ba-119



16

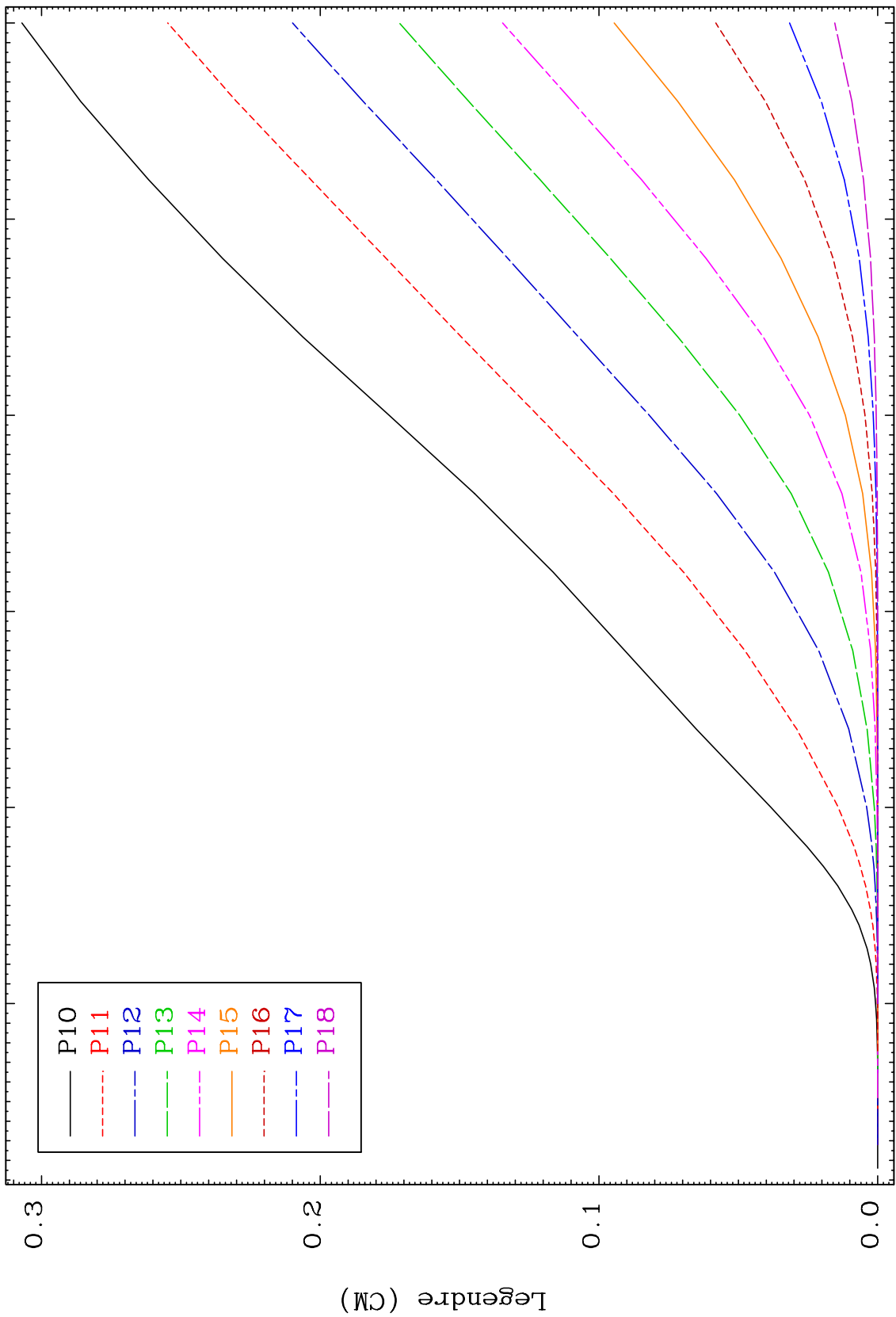
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



17

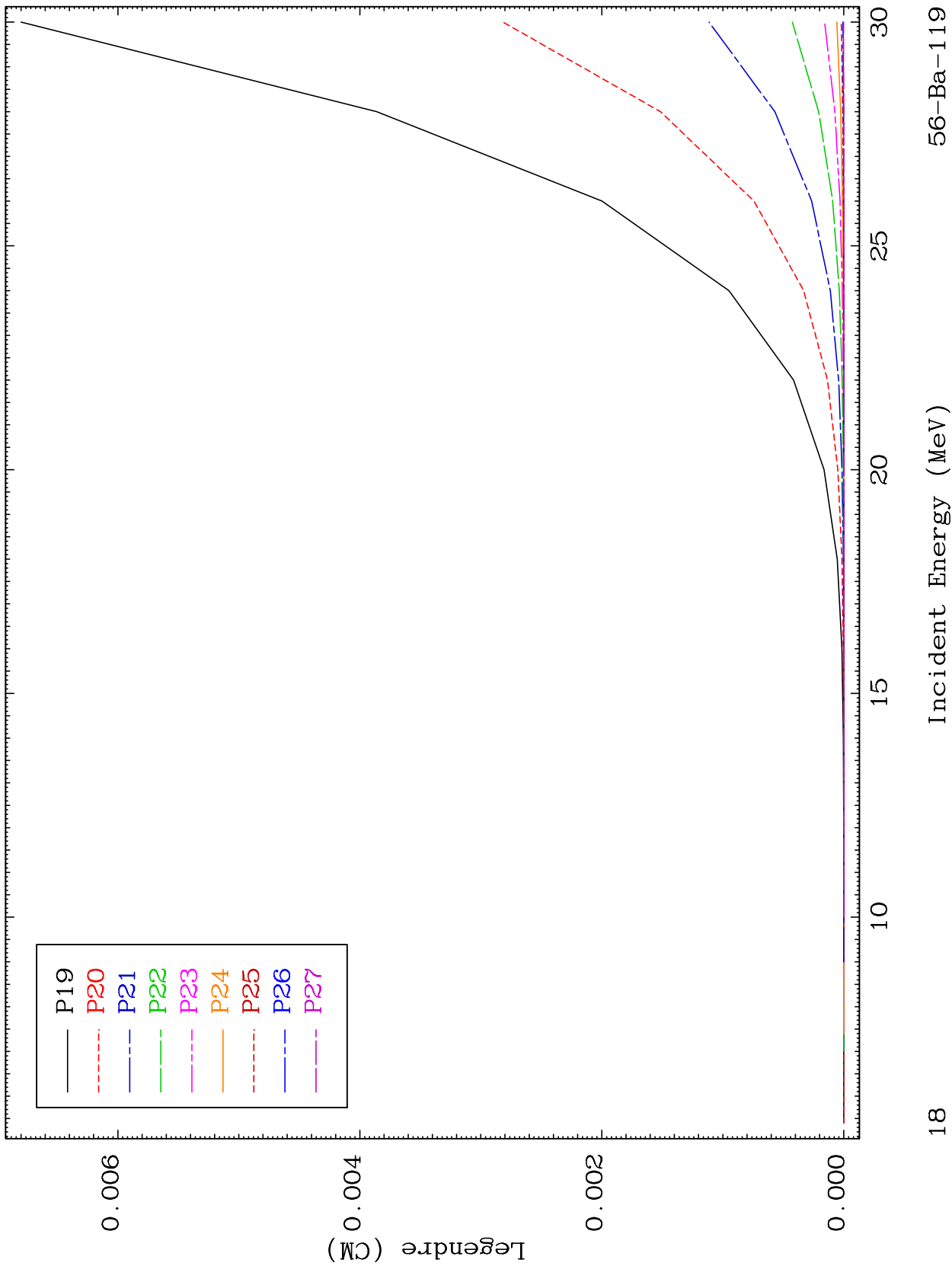
Incident Energy (MeV)

56-Ba-119

MAT 5592

### Elastic Legendre Coefficients

56-Ba-119



18

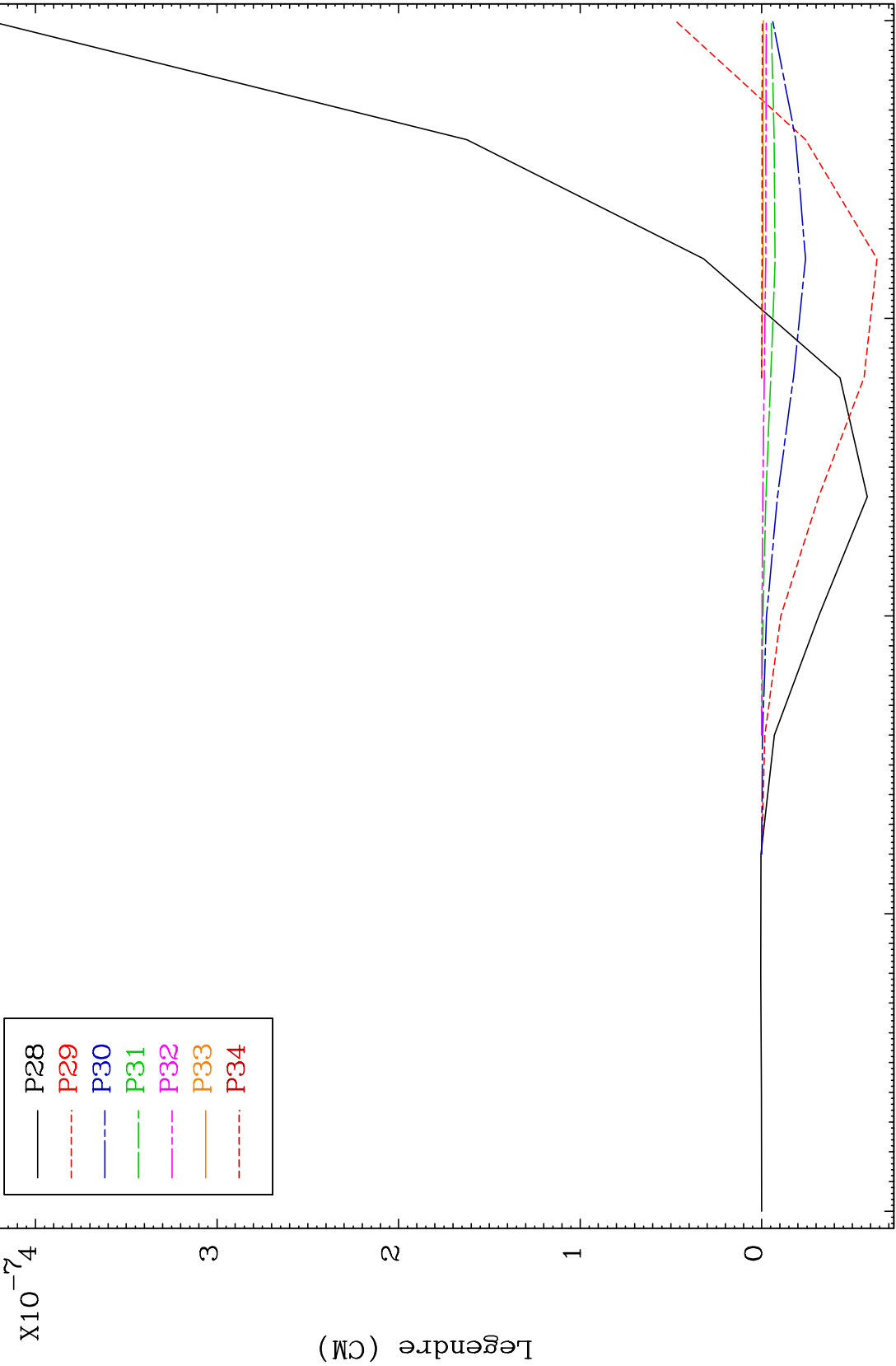
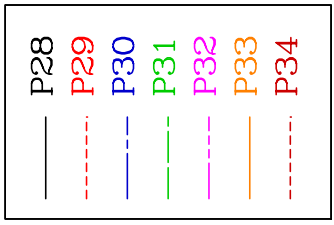
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



19

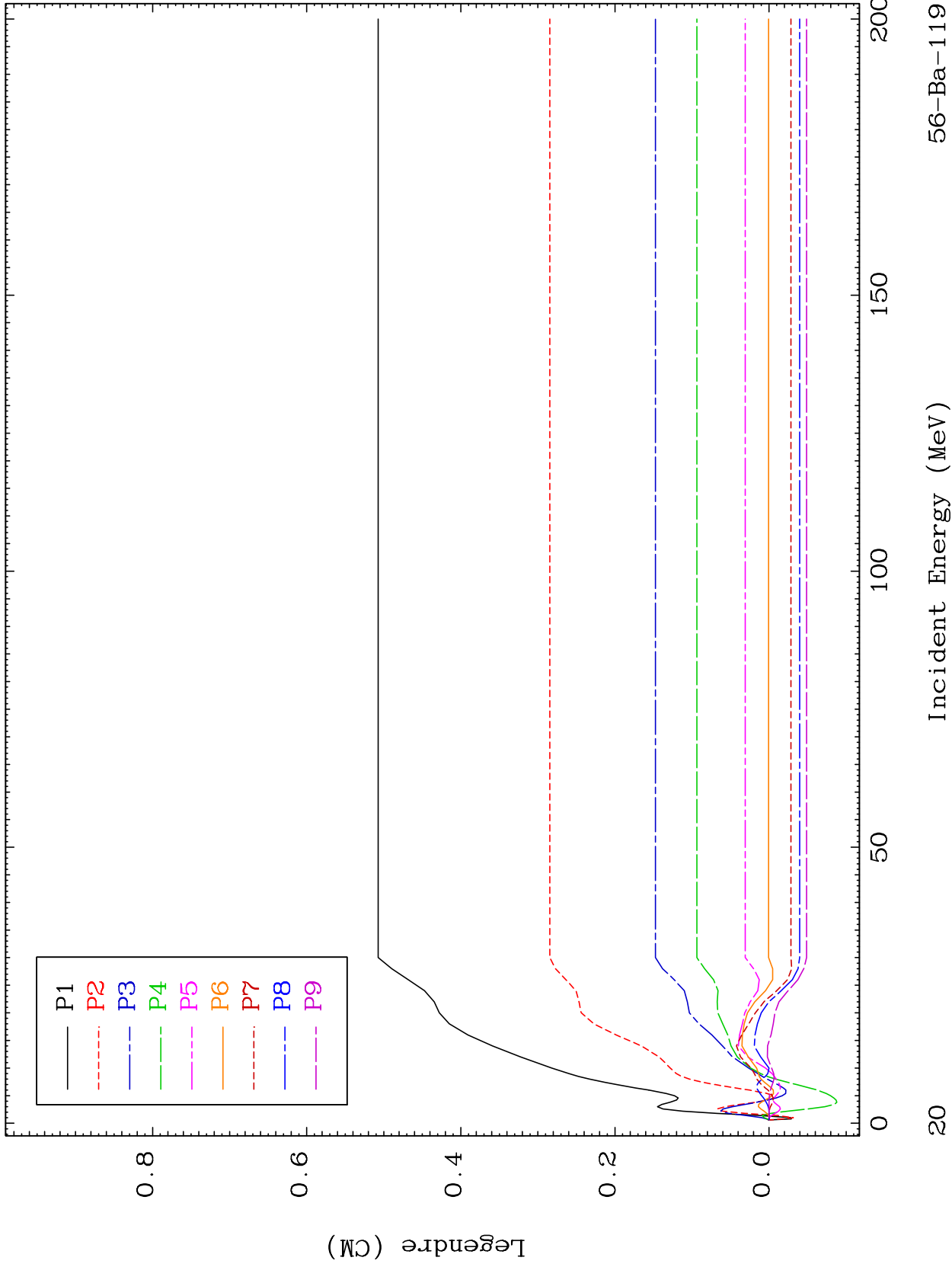
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



56-Ba-119

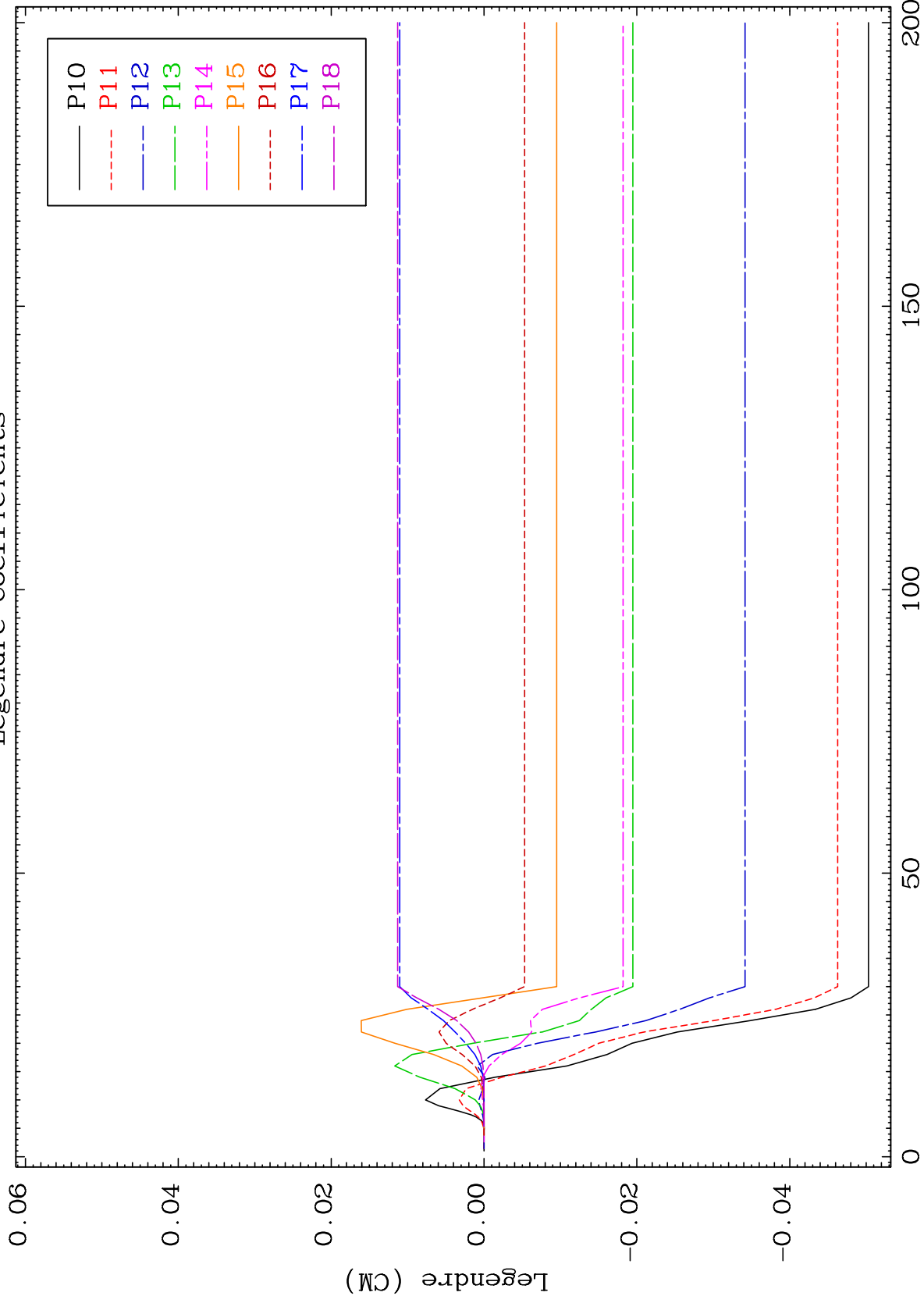
Incident Energy (MeV)

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MAT 5592

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

56-Ba-119



21

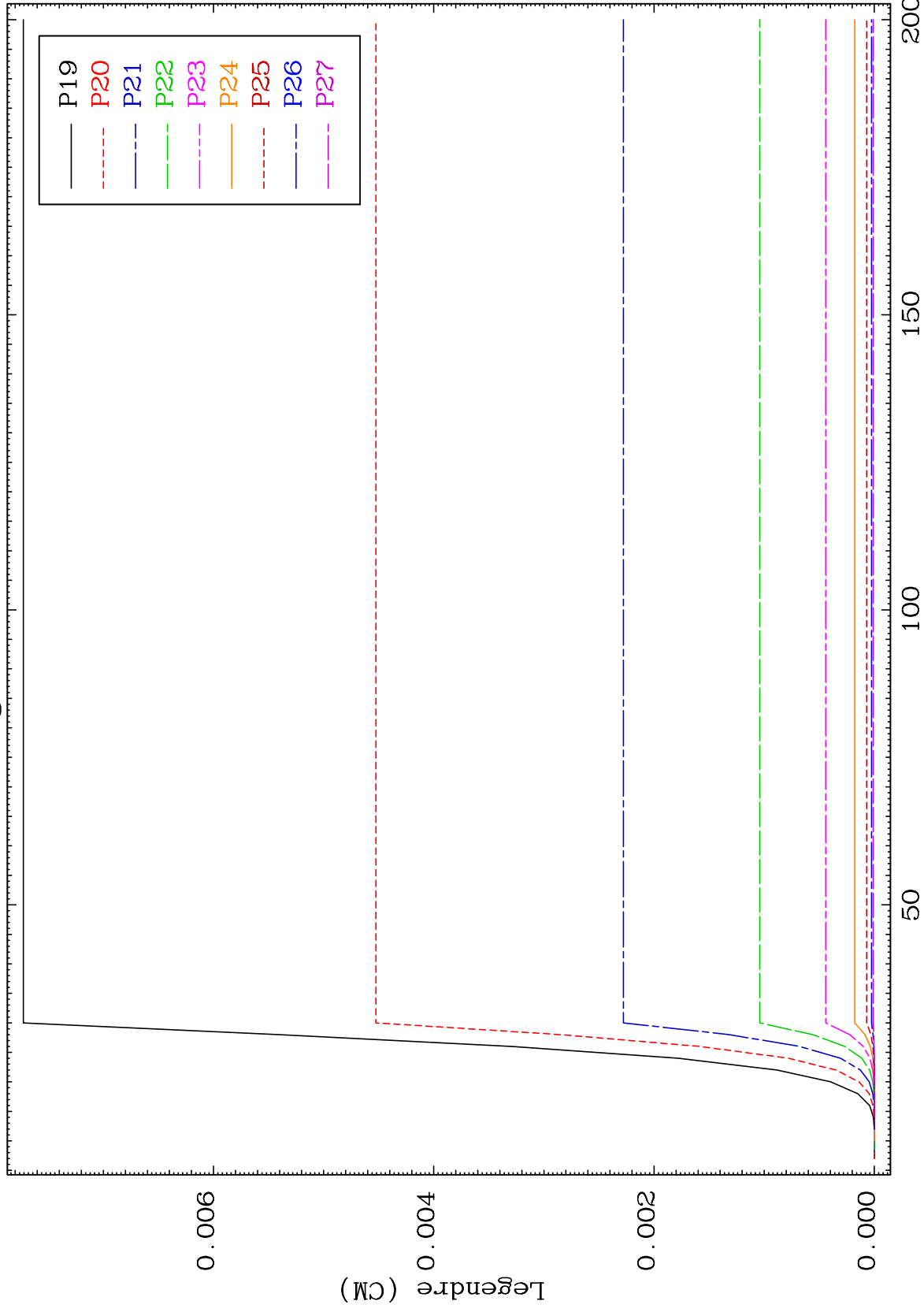
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



22

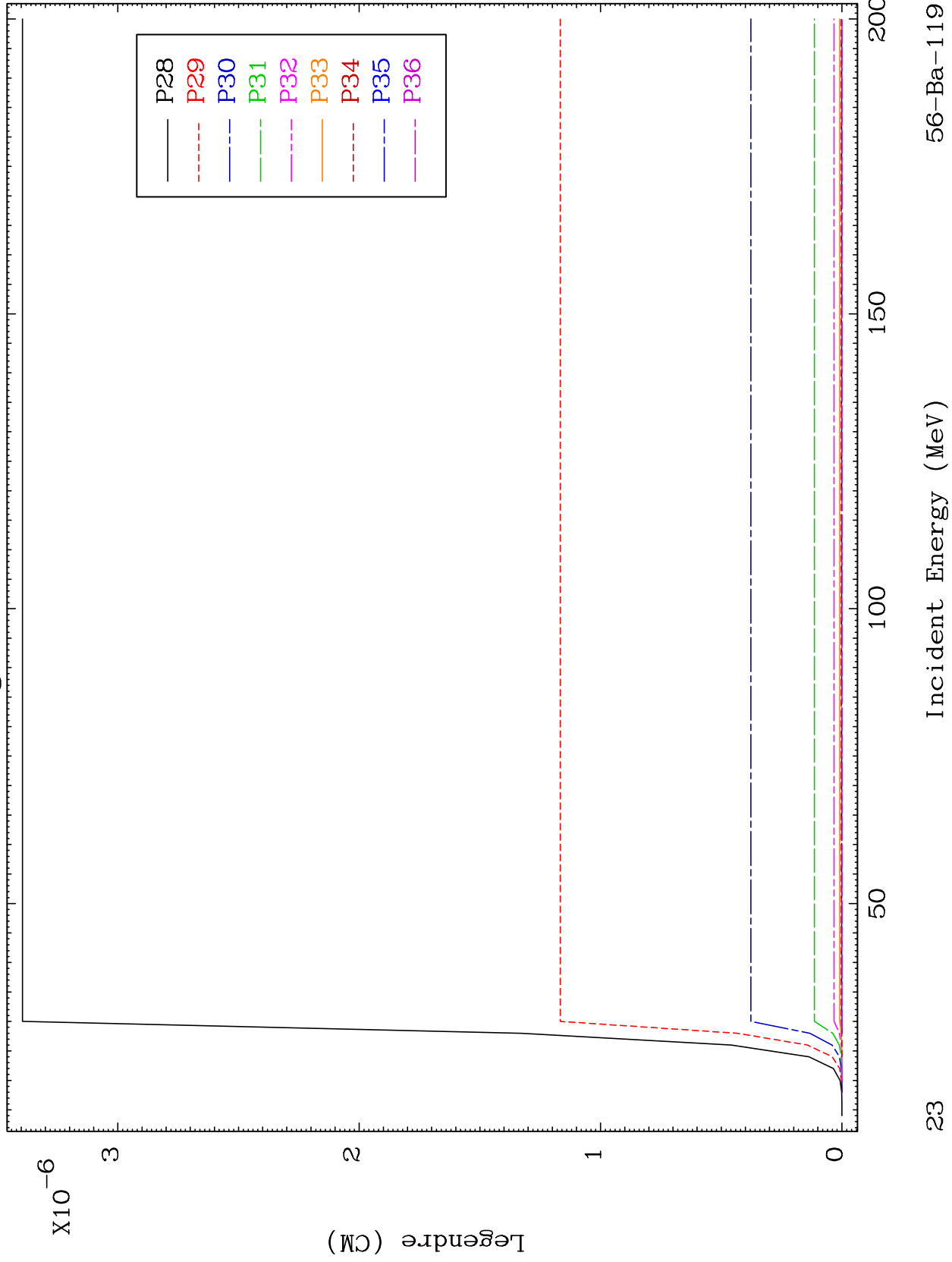
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

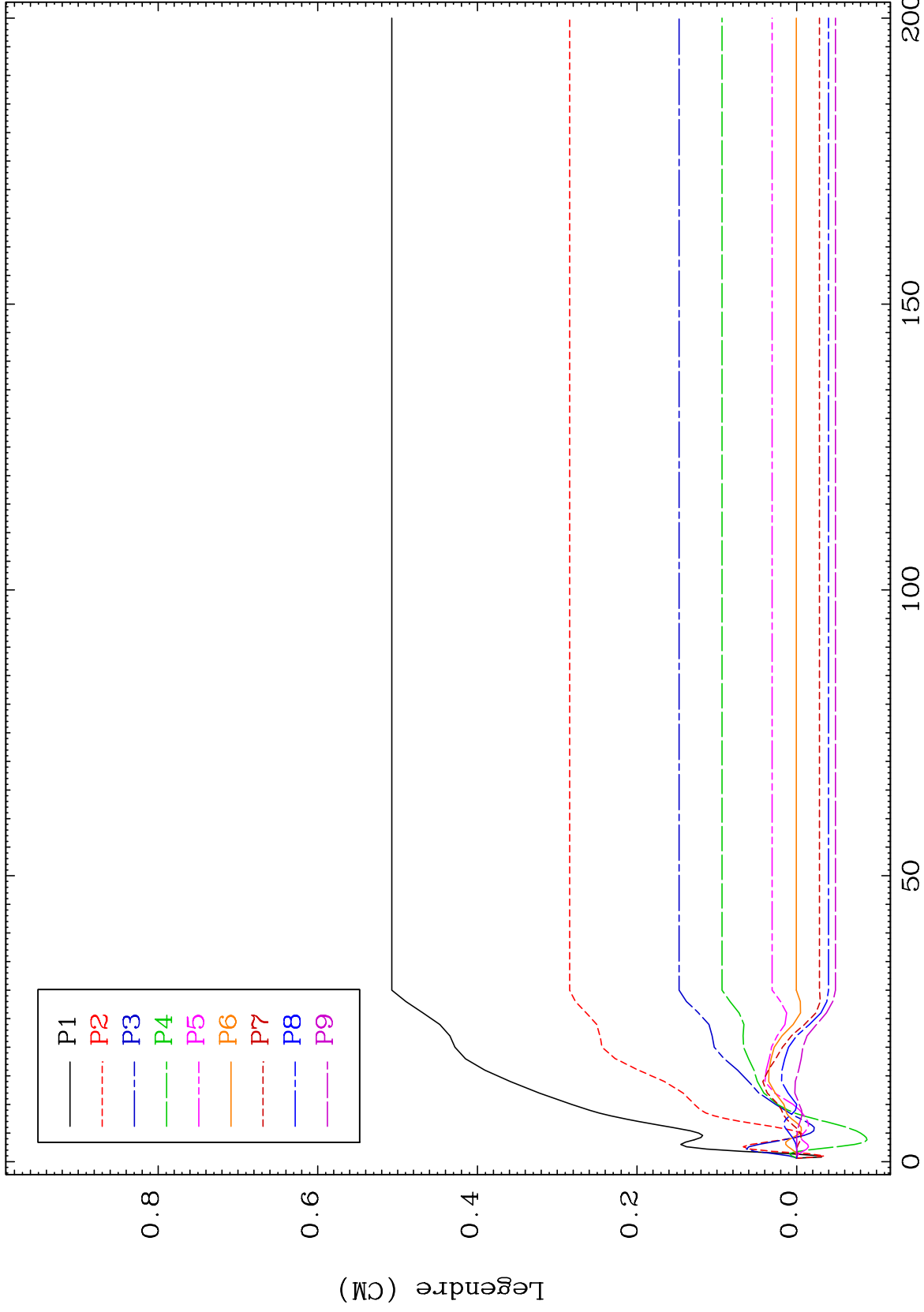
56-Ba-119



MAT 5592

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

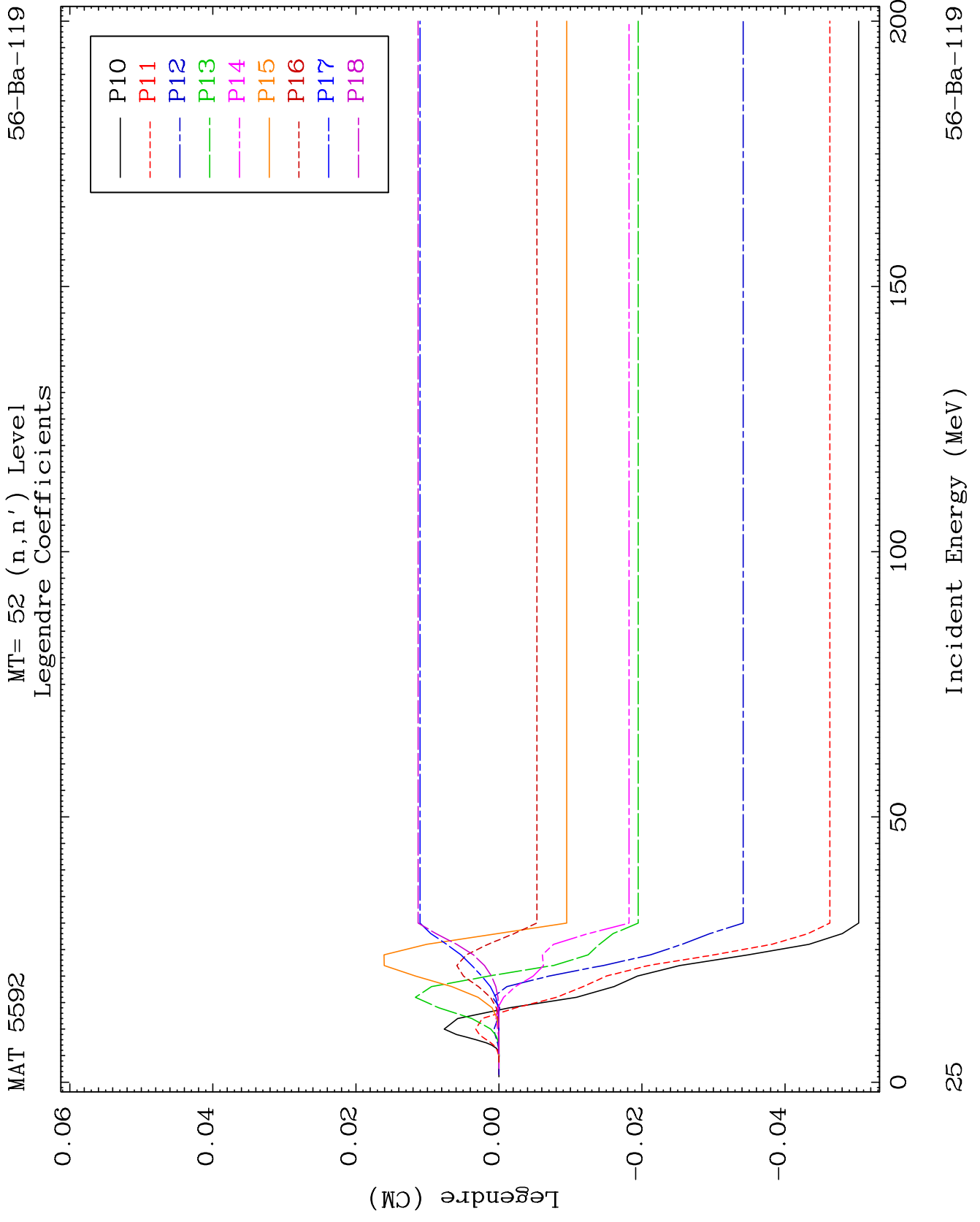
56-Ba-119



24

Incident Energy (MeV)

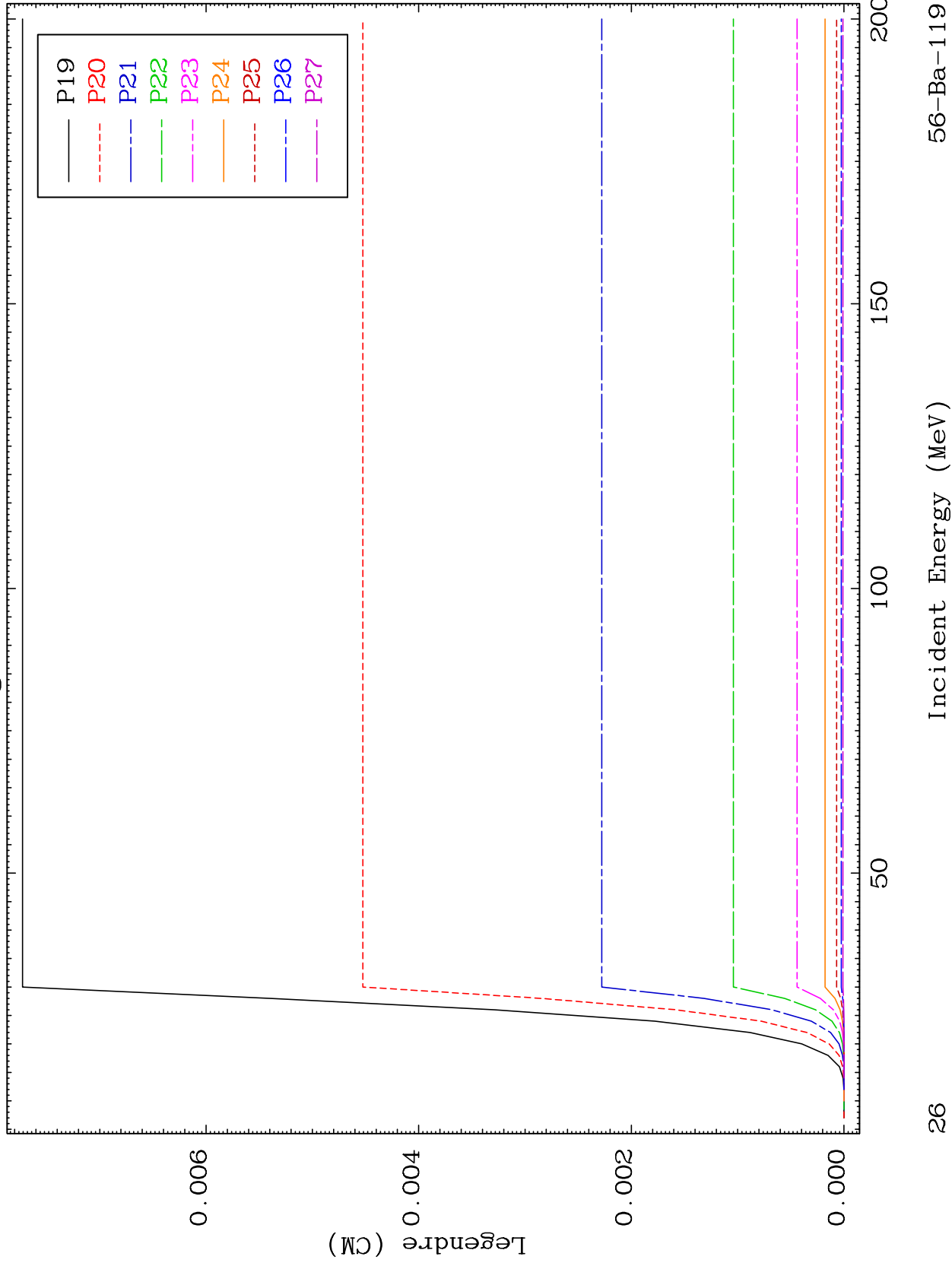
56-Ba-119



MAT 5592

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

56-Ba-119



26

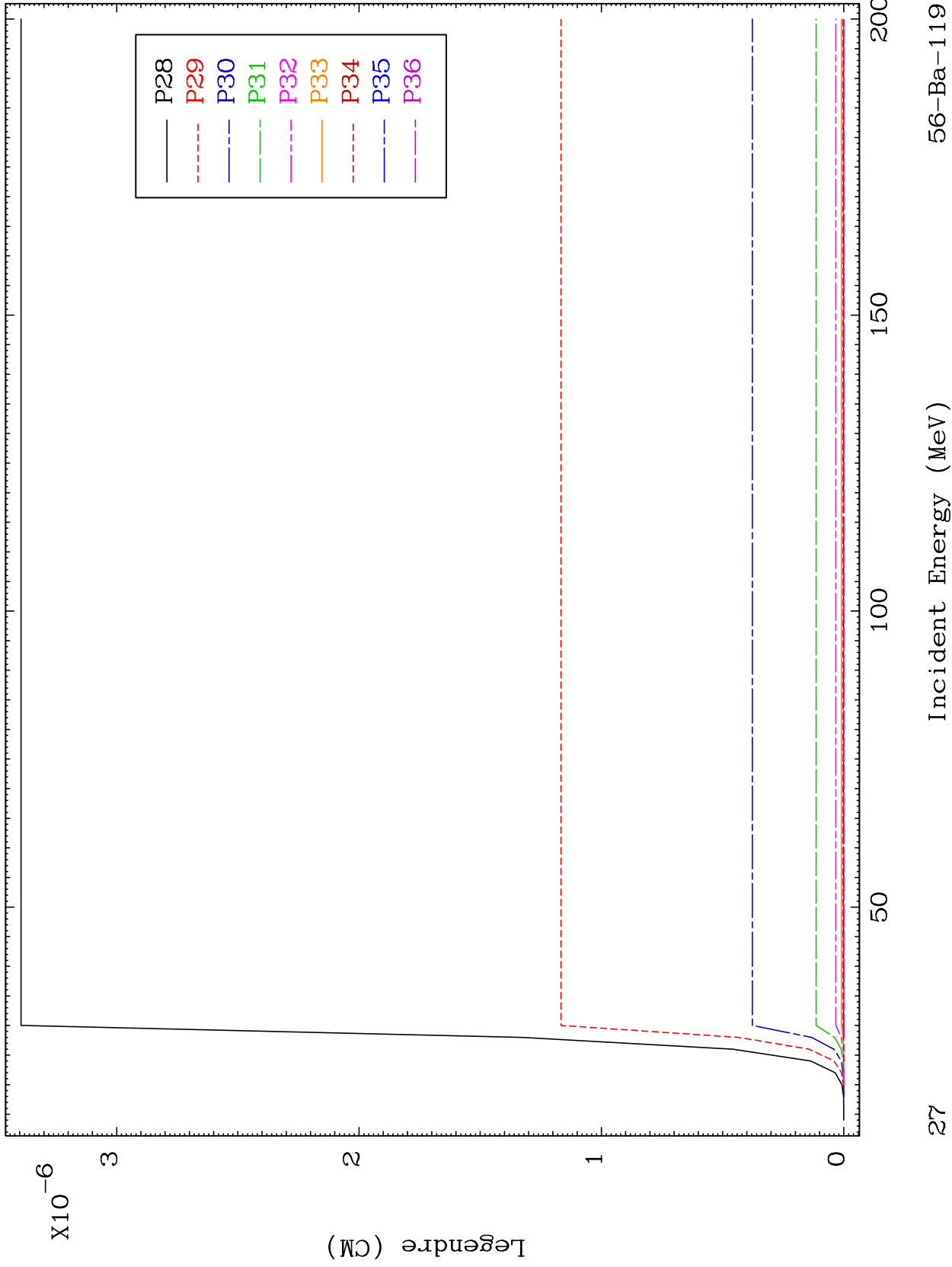
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

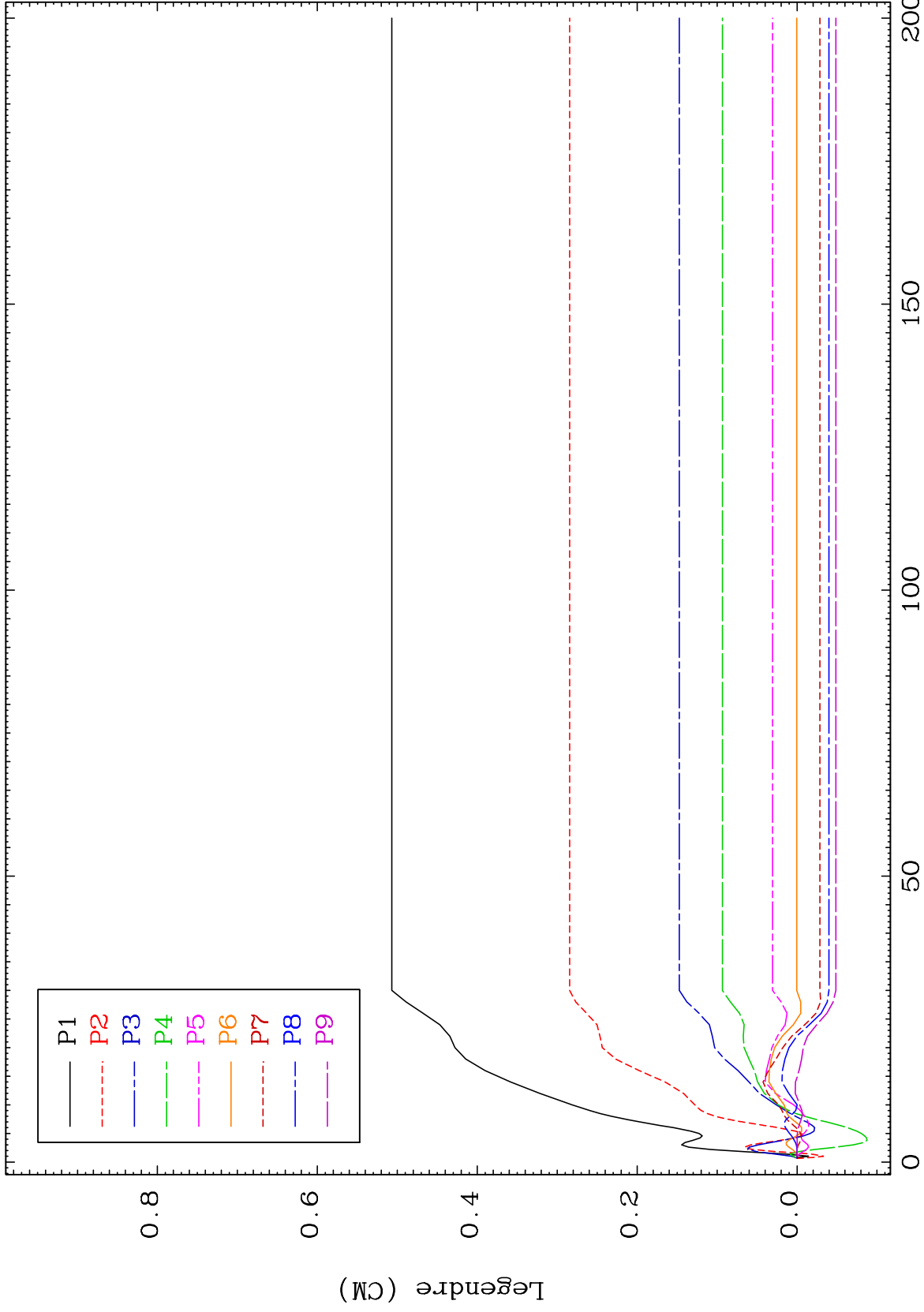
56-Ba-119



MAT 5592

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

56-Ba-119



28

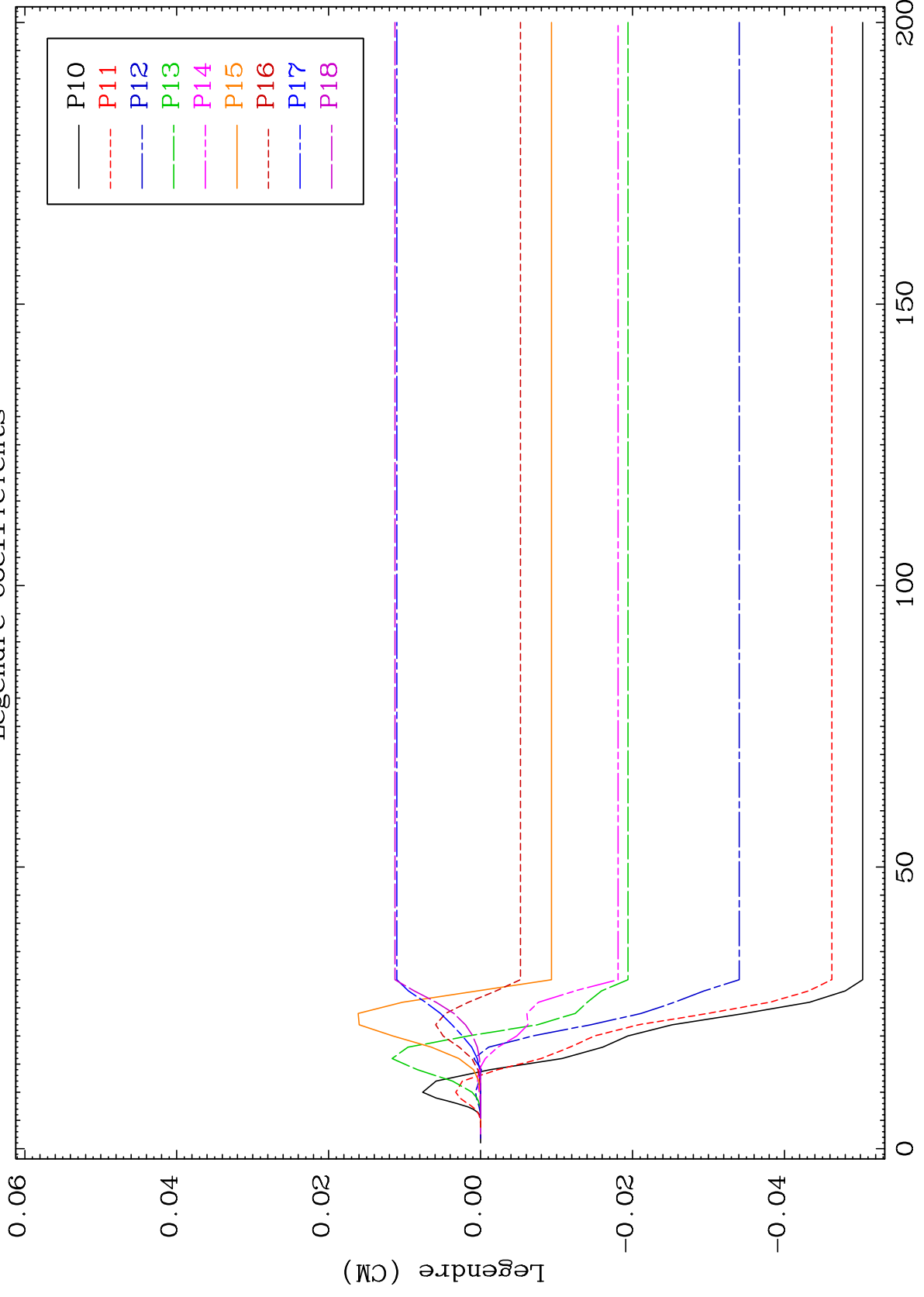
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

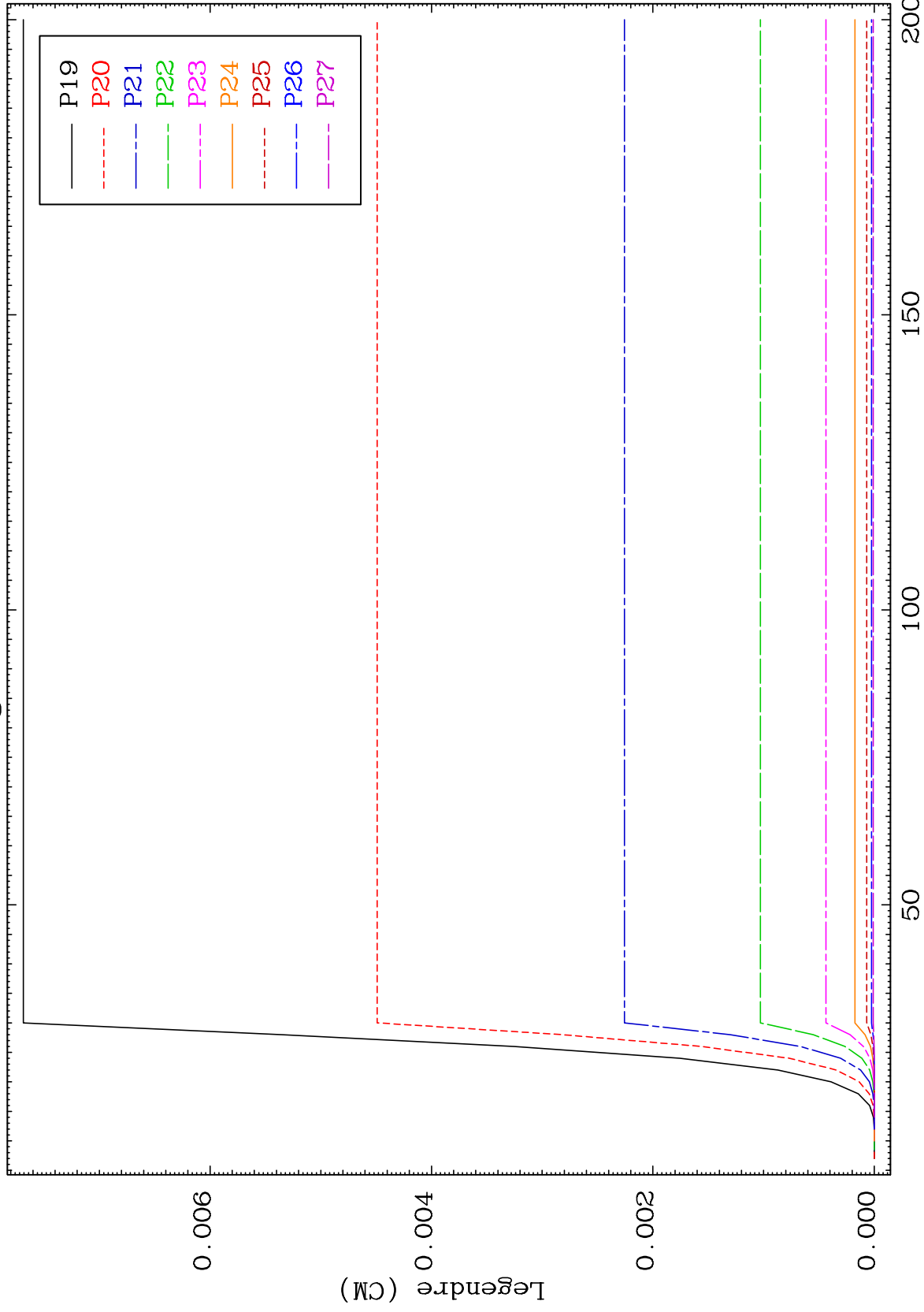
56-Ba-119



MAT 5592

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

56-Ba-119



30

Incident Energy (MeV)

50

100

150

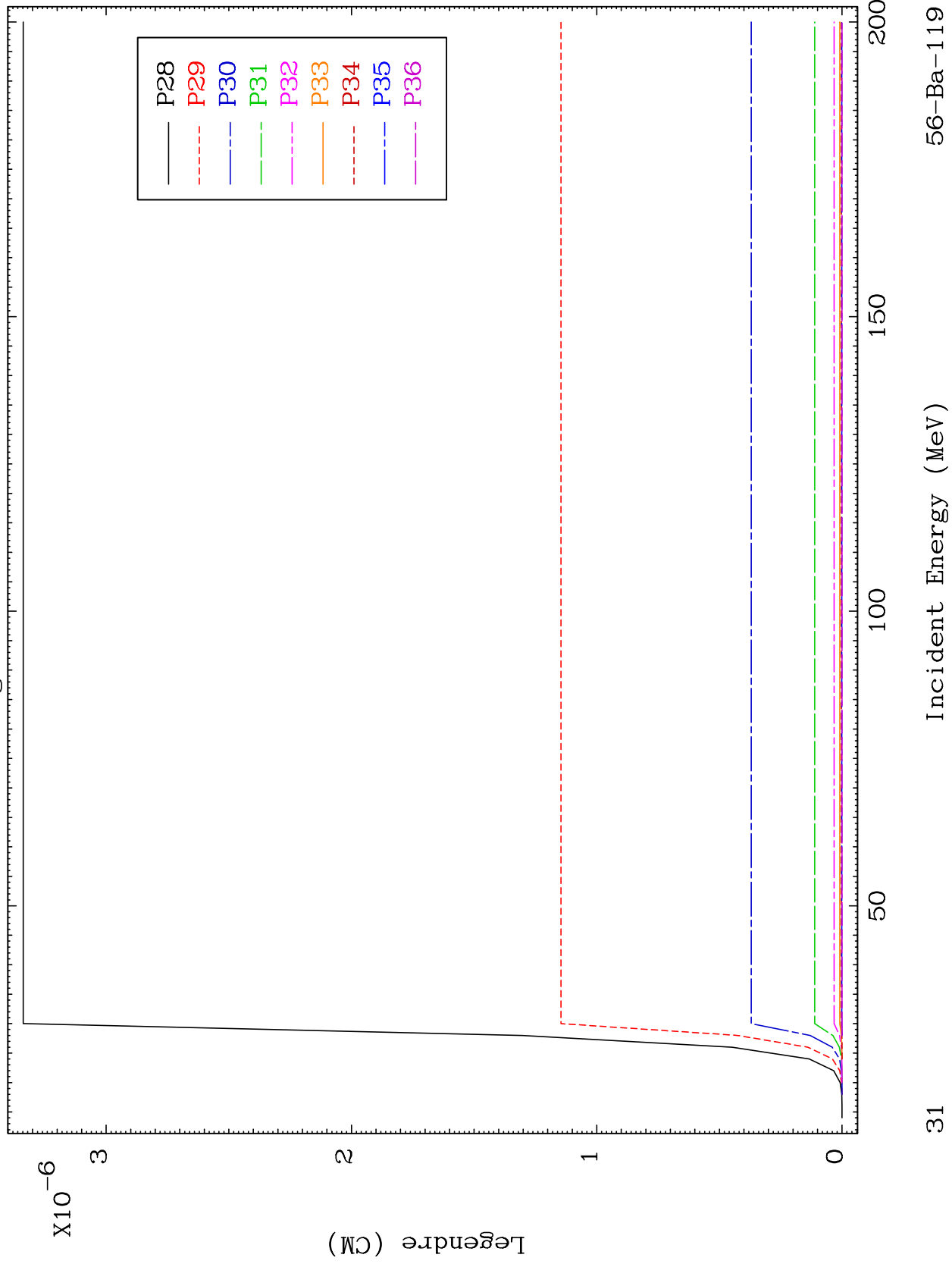
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56-Ba-119

MAT 5592

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

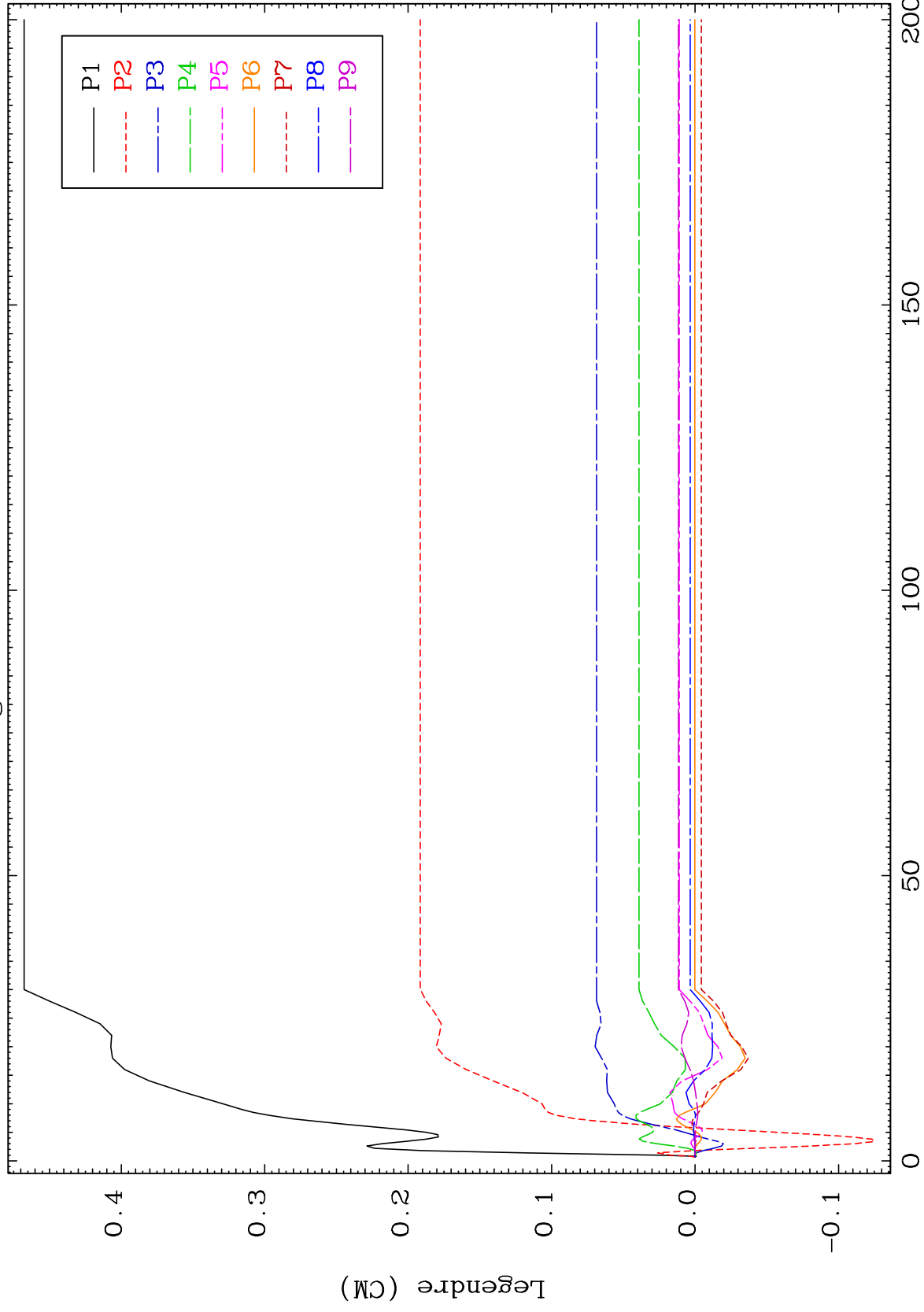
56-Ba-119



MAT 5592

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

56-Ba-119



56-Ba-119

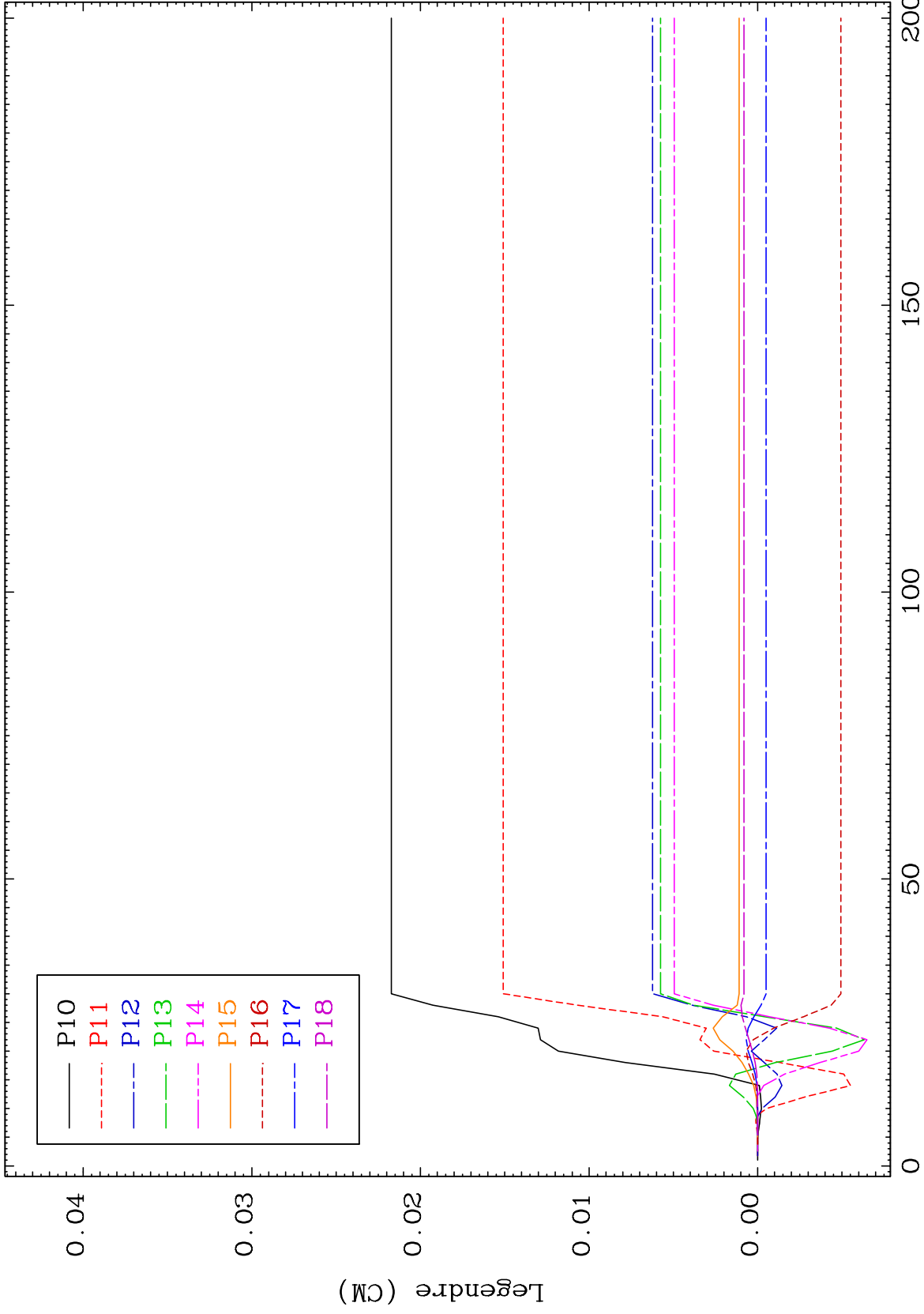
Incident Energy (MeV)

32

MAT 5592

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

56-Ba-119



33

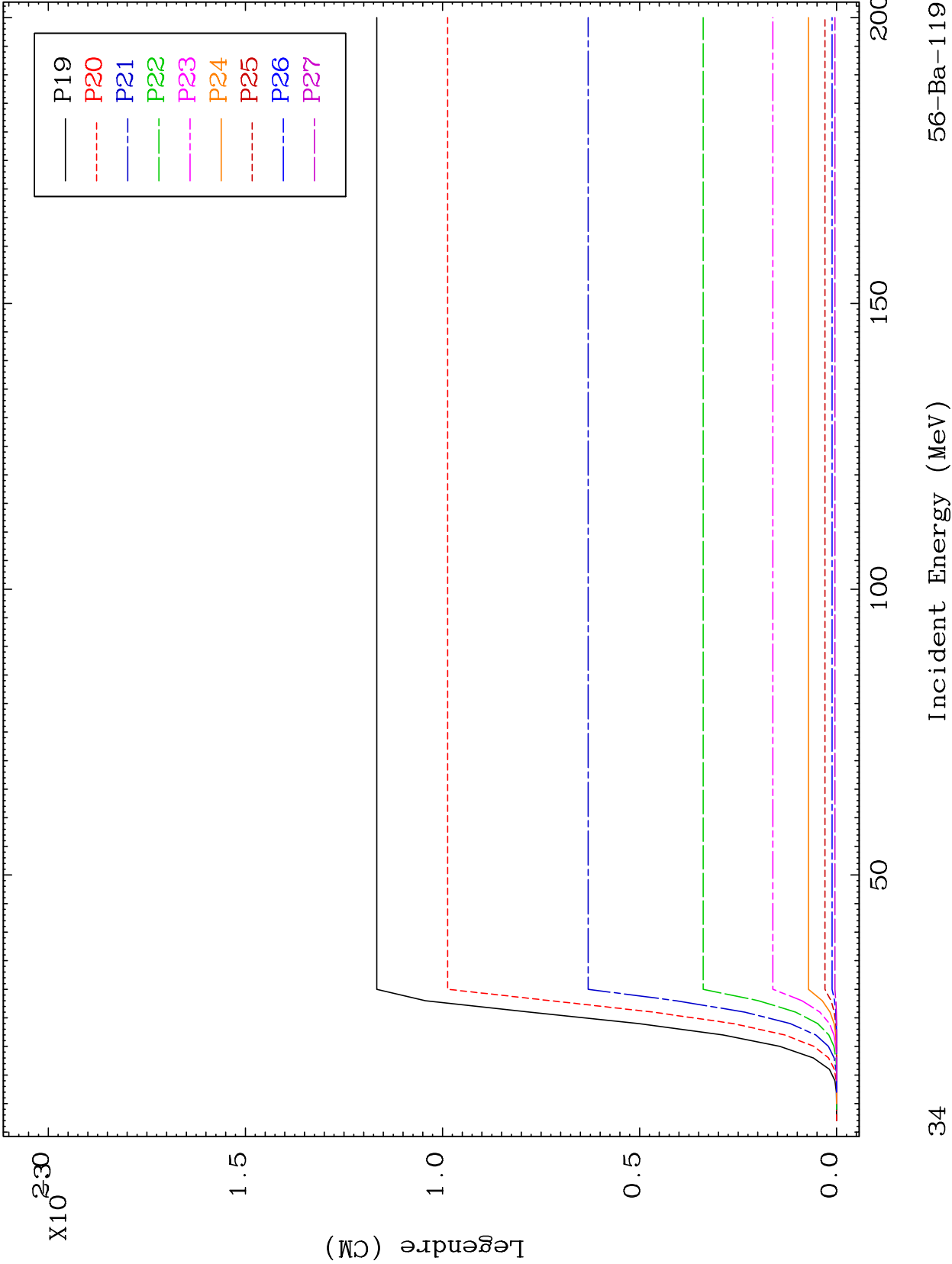
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

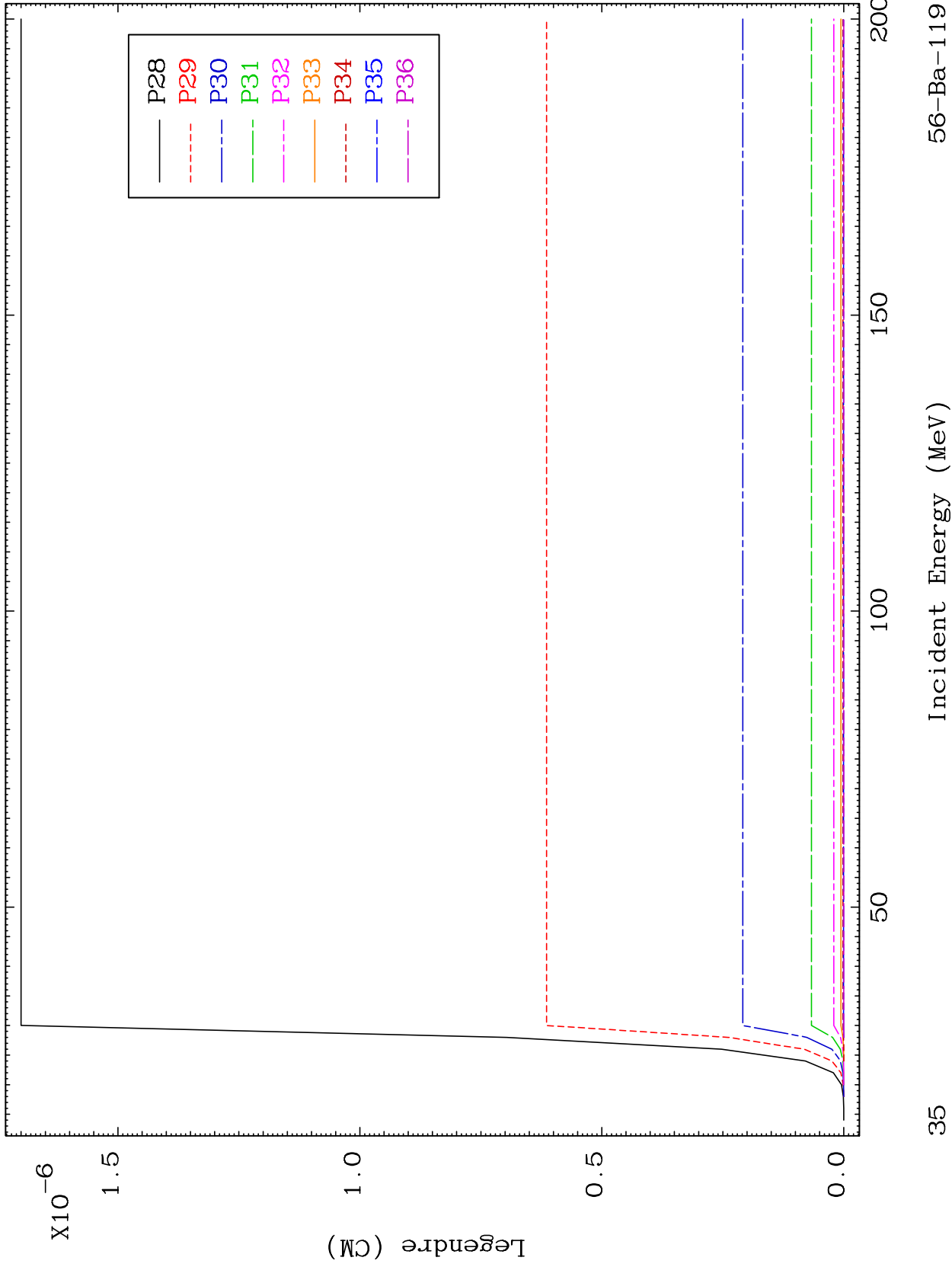
56-Ba-119



MAT 5592

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

56-Ba-119



35

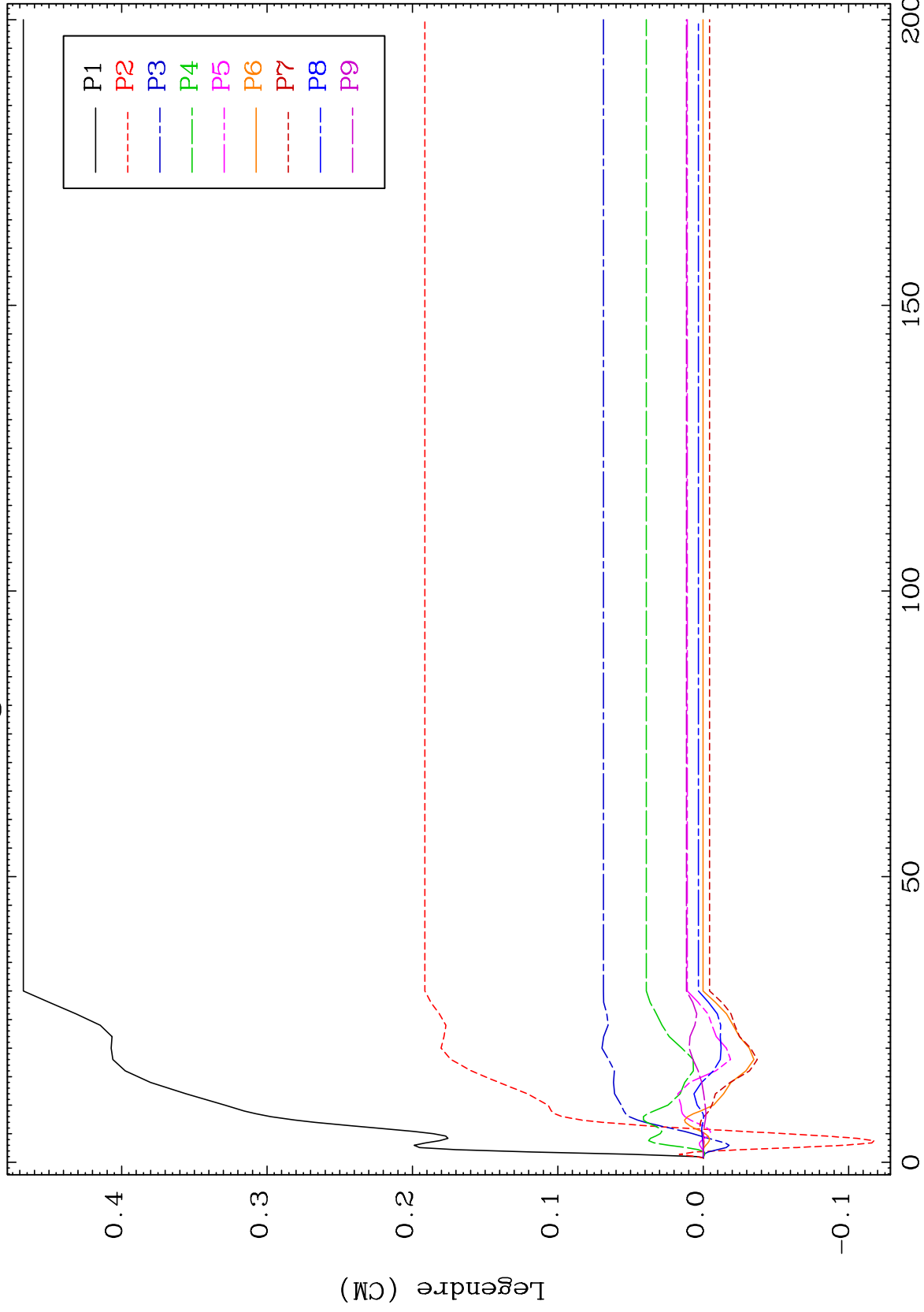
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



36

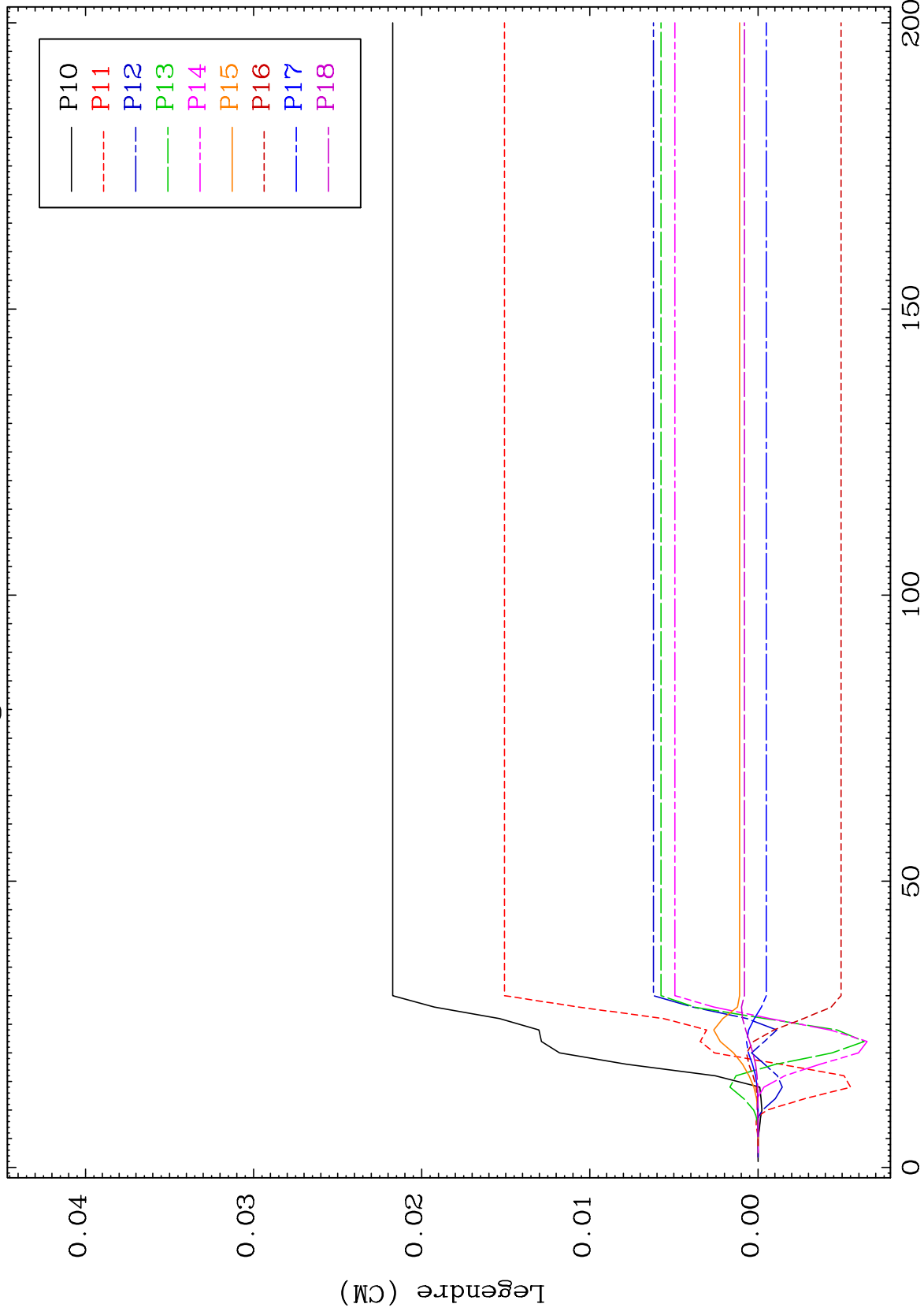
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



37

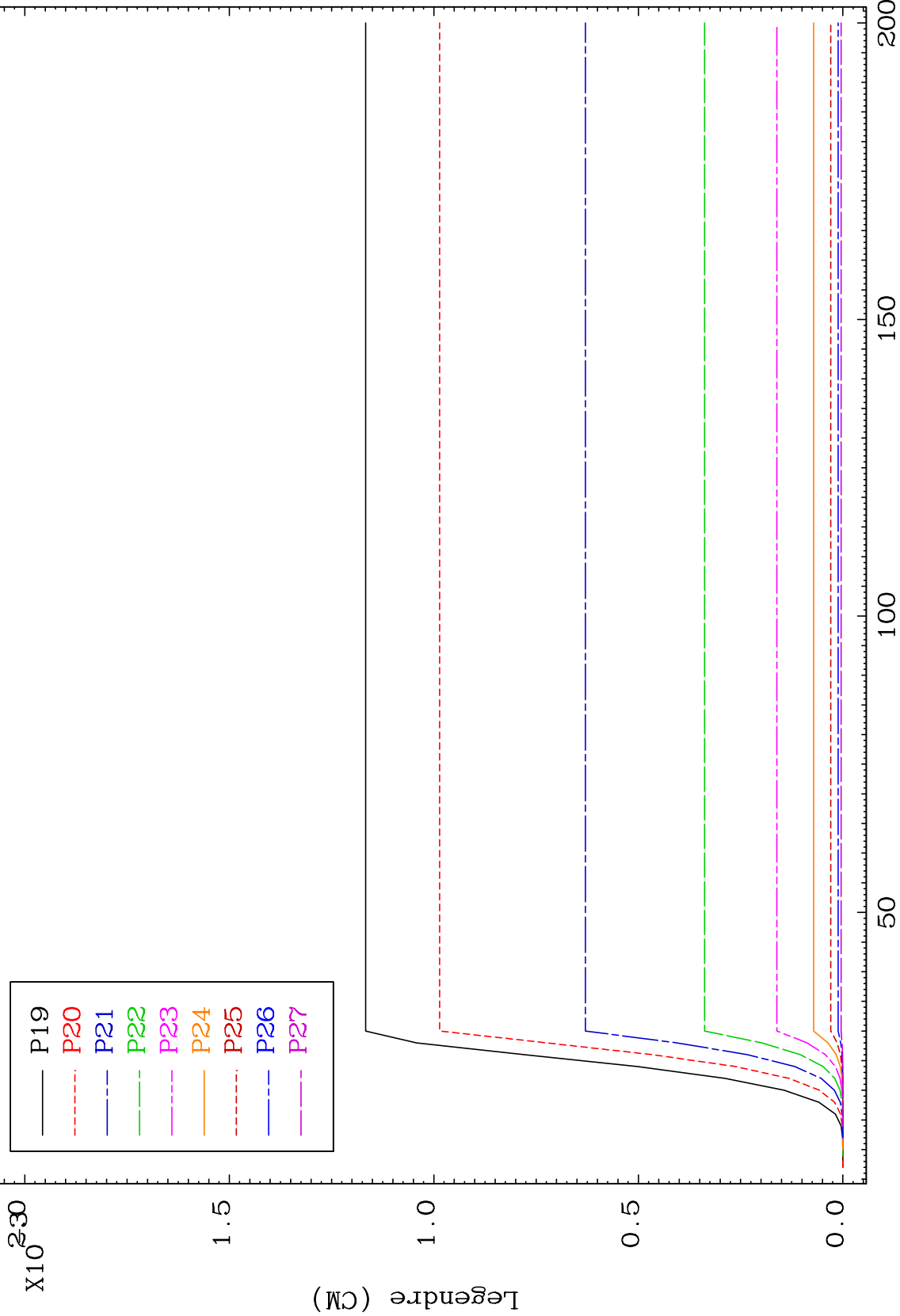
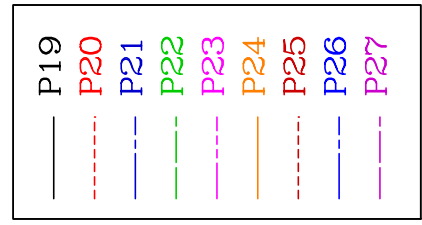
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



38

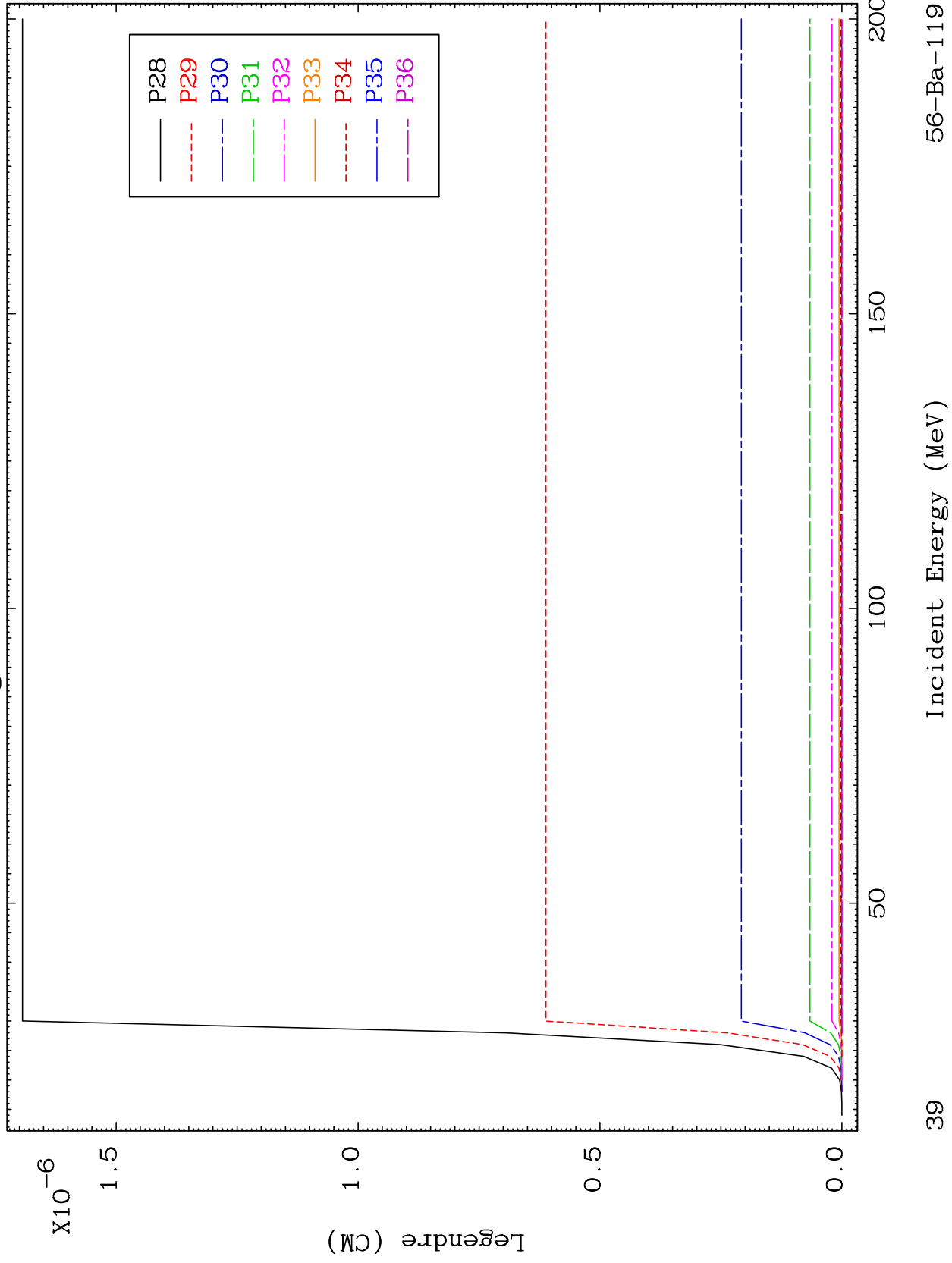
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



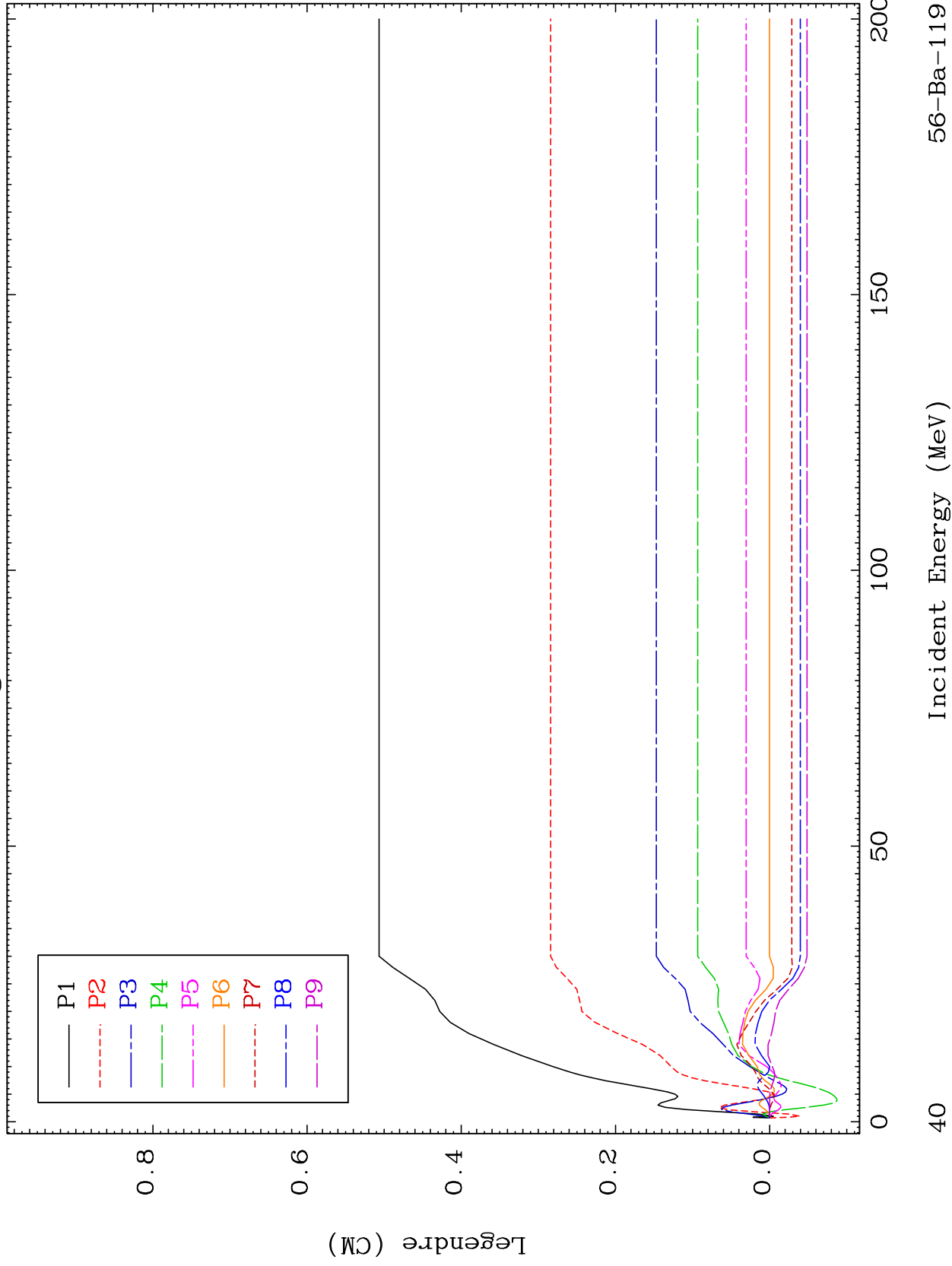
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56-Ba-119

MAT 5592

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

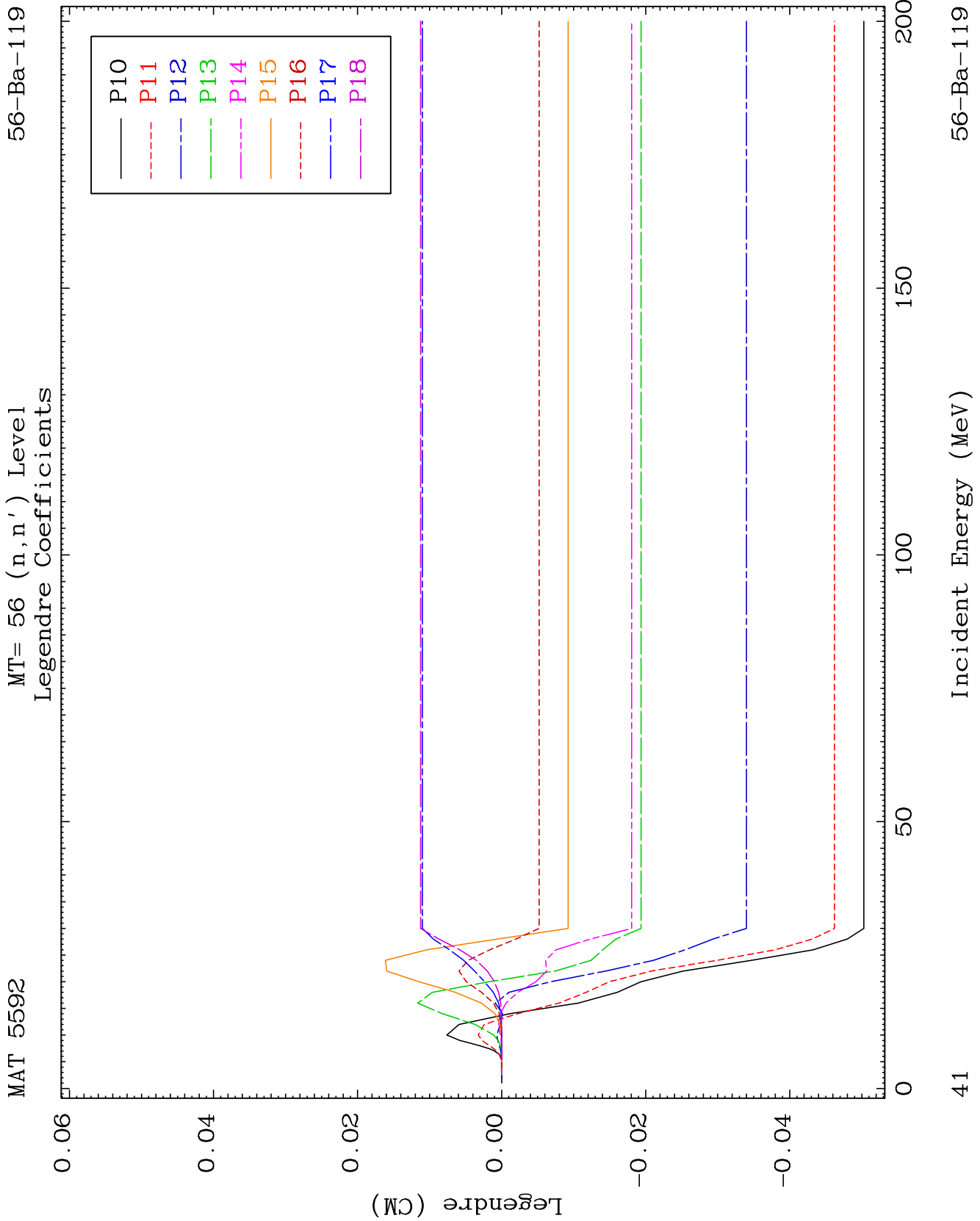
56-Ba-119



56-Ba-119

Incident Energy (MeV)

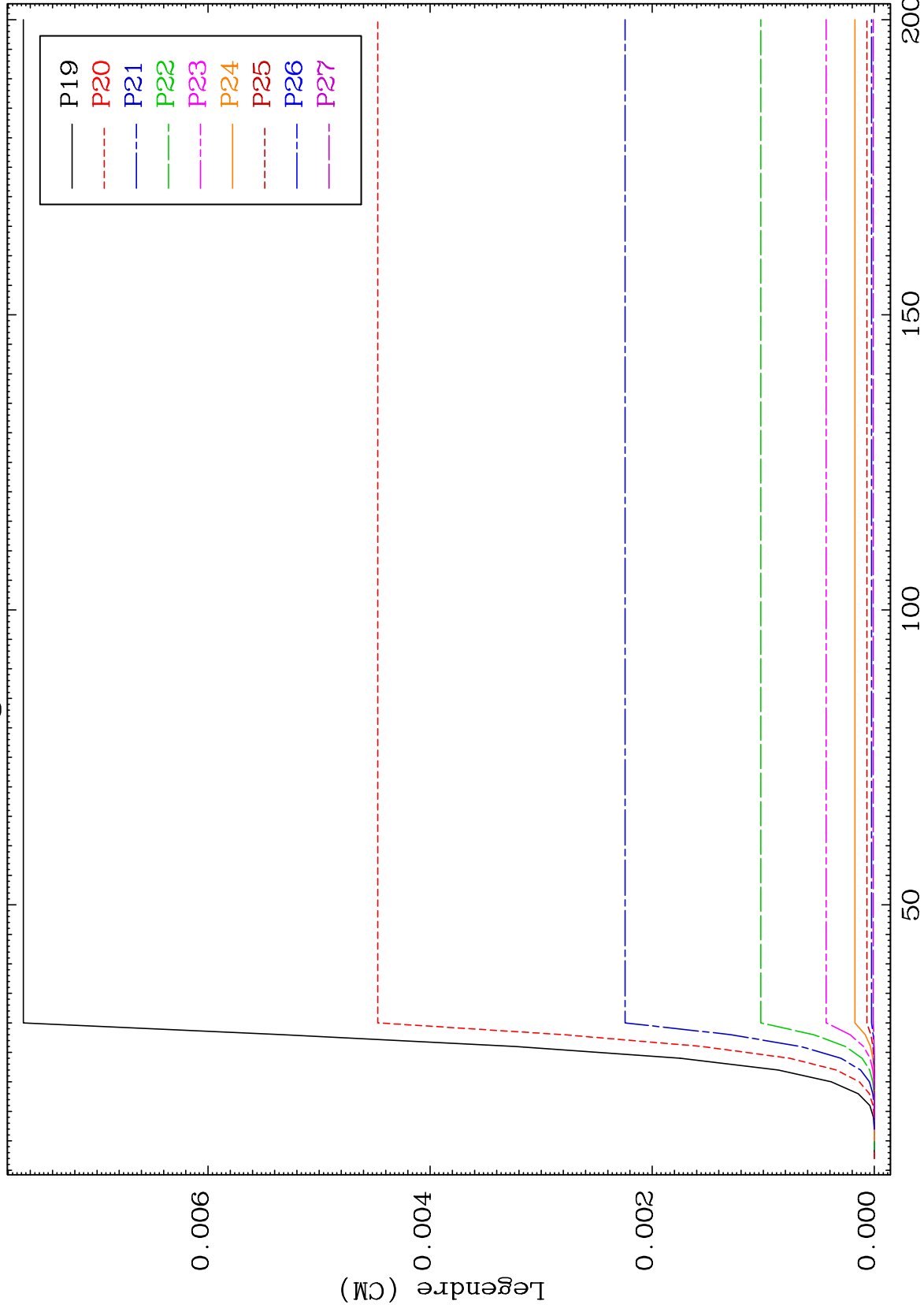
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MAT 5592

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

56-Ba-119



42

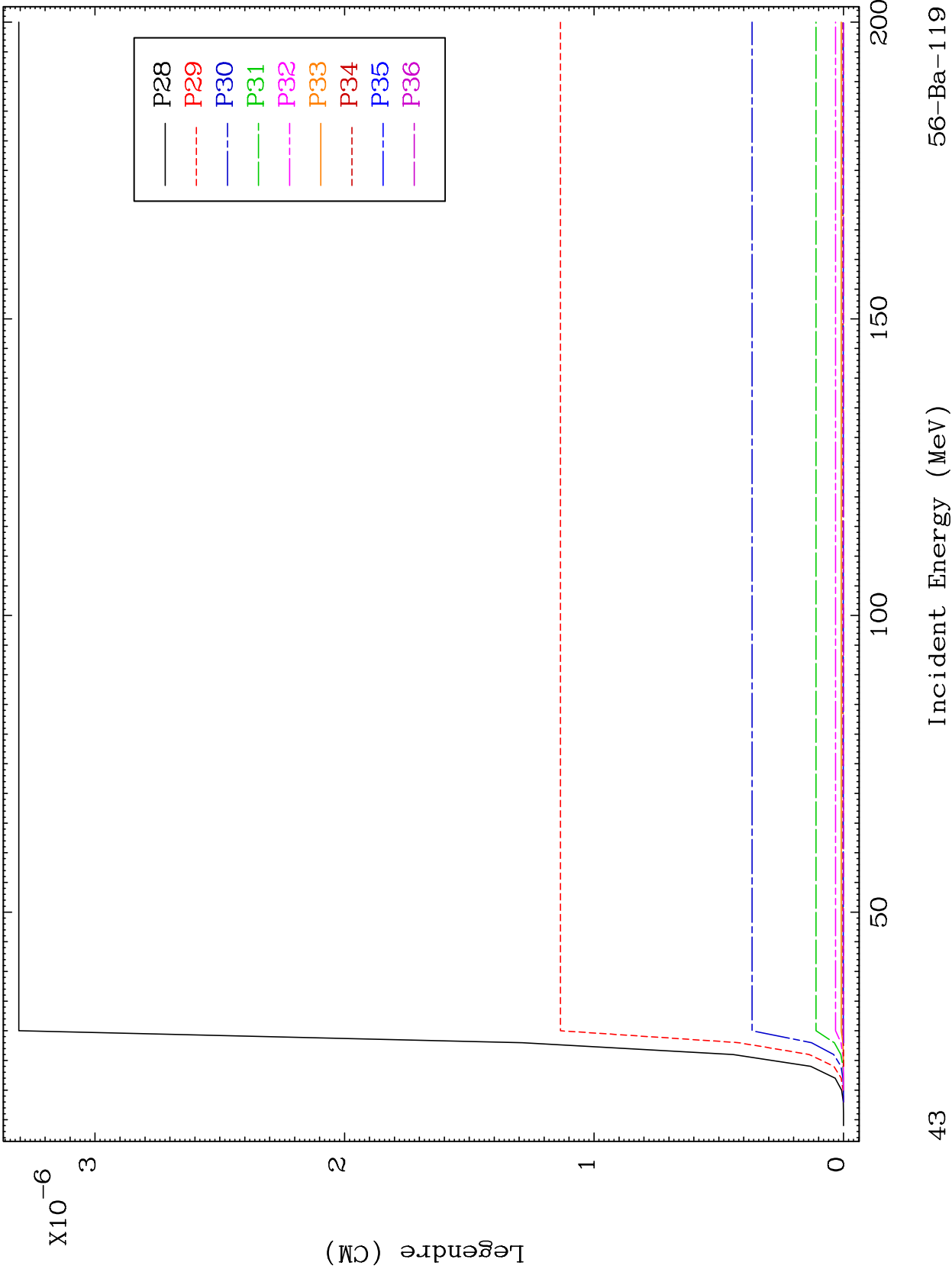
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

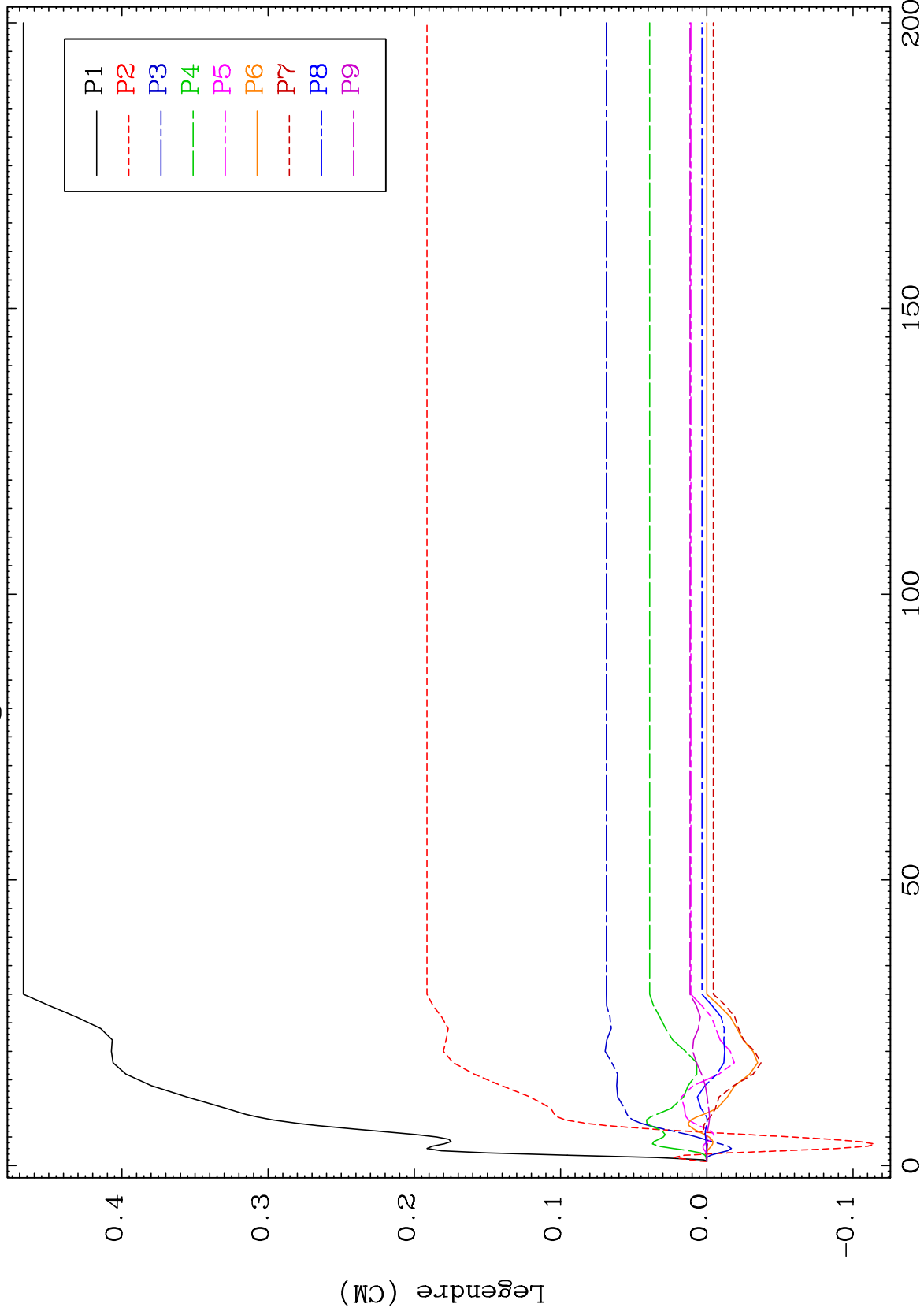
56-Ba-119



MAT 5592

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

56-Ba-119



44

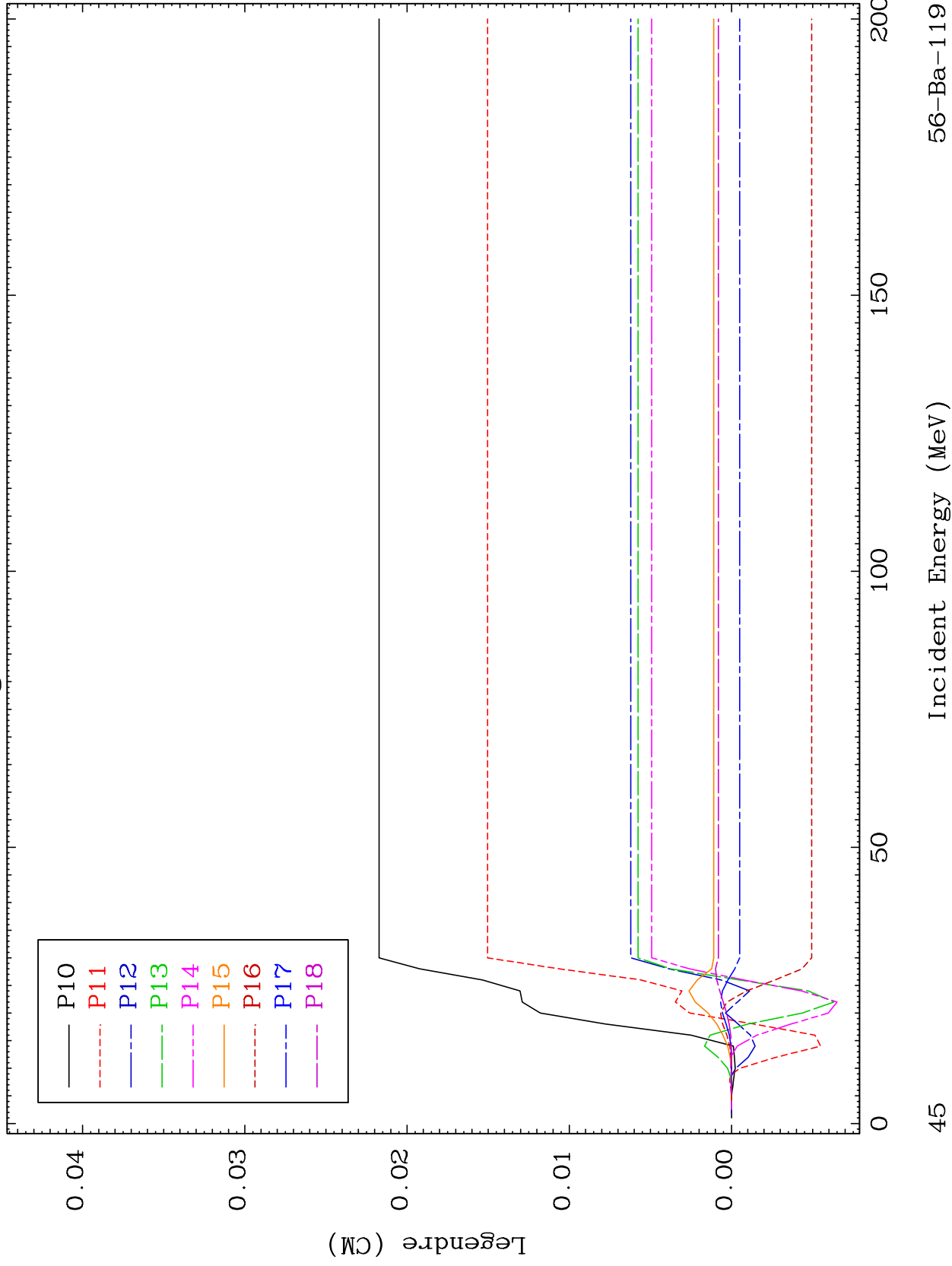
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



56-Ba-119

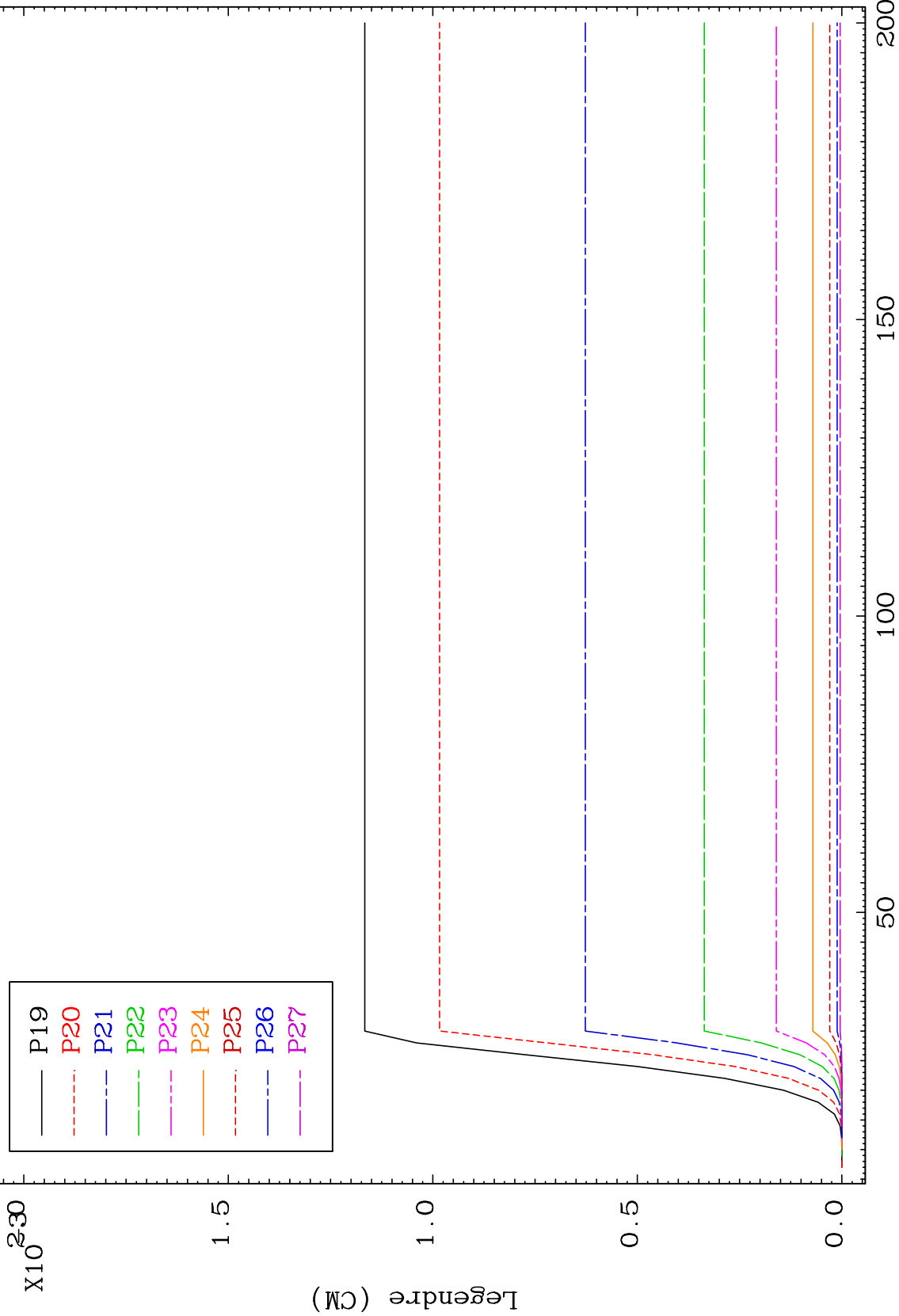
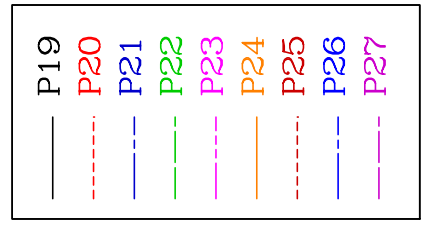
Incident Energy (MeV)

45

MAT 5592

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

56-Ba-119



46

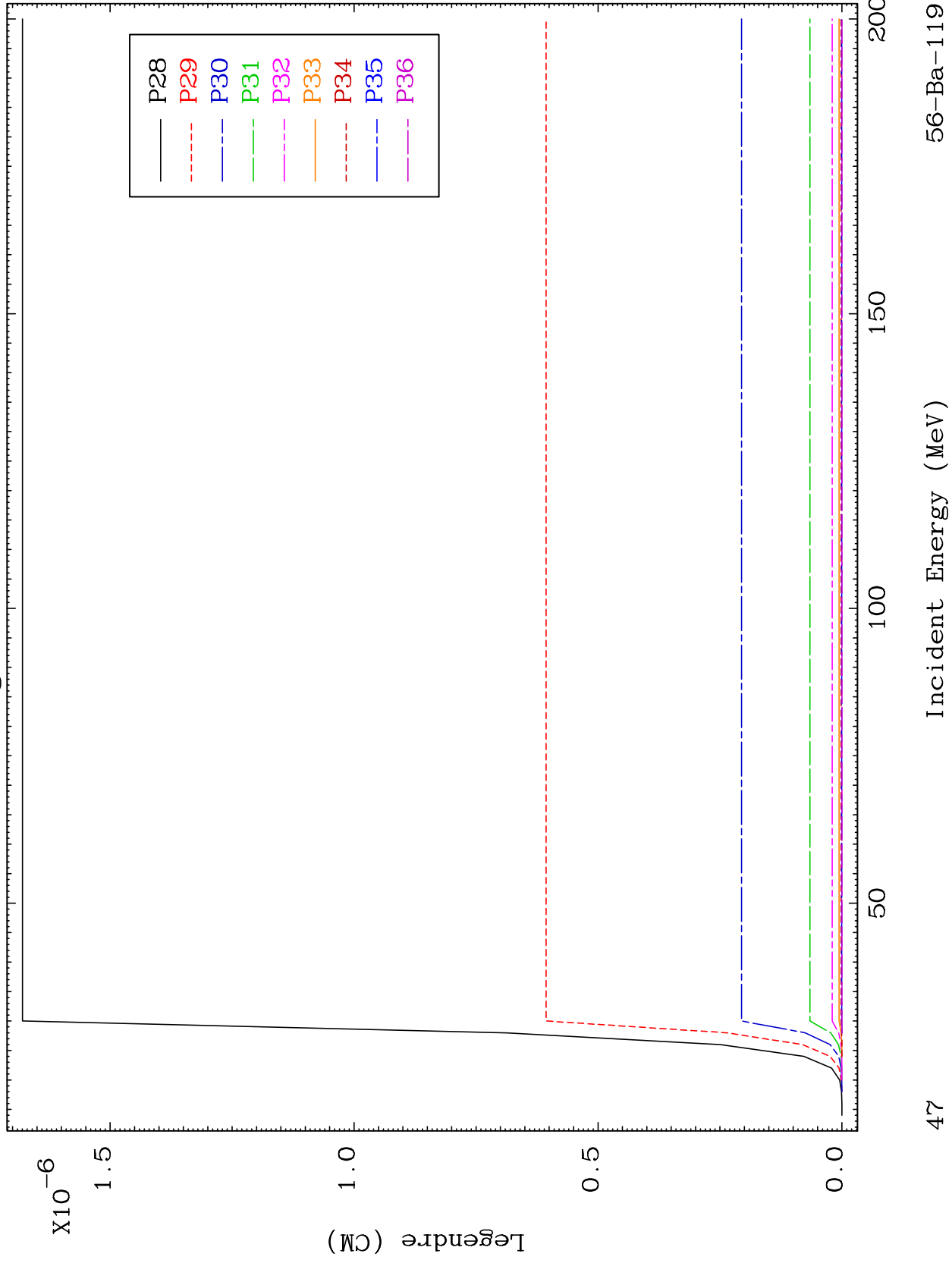
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

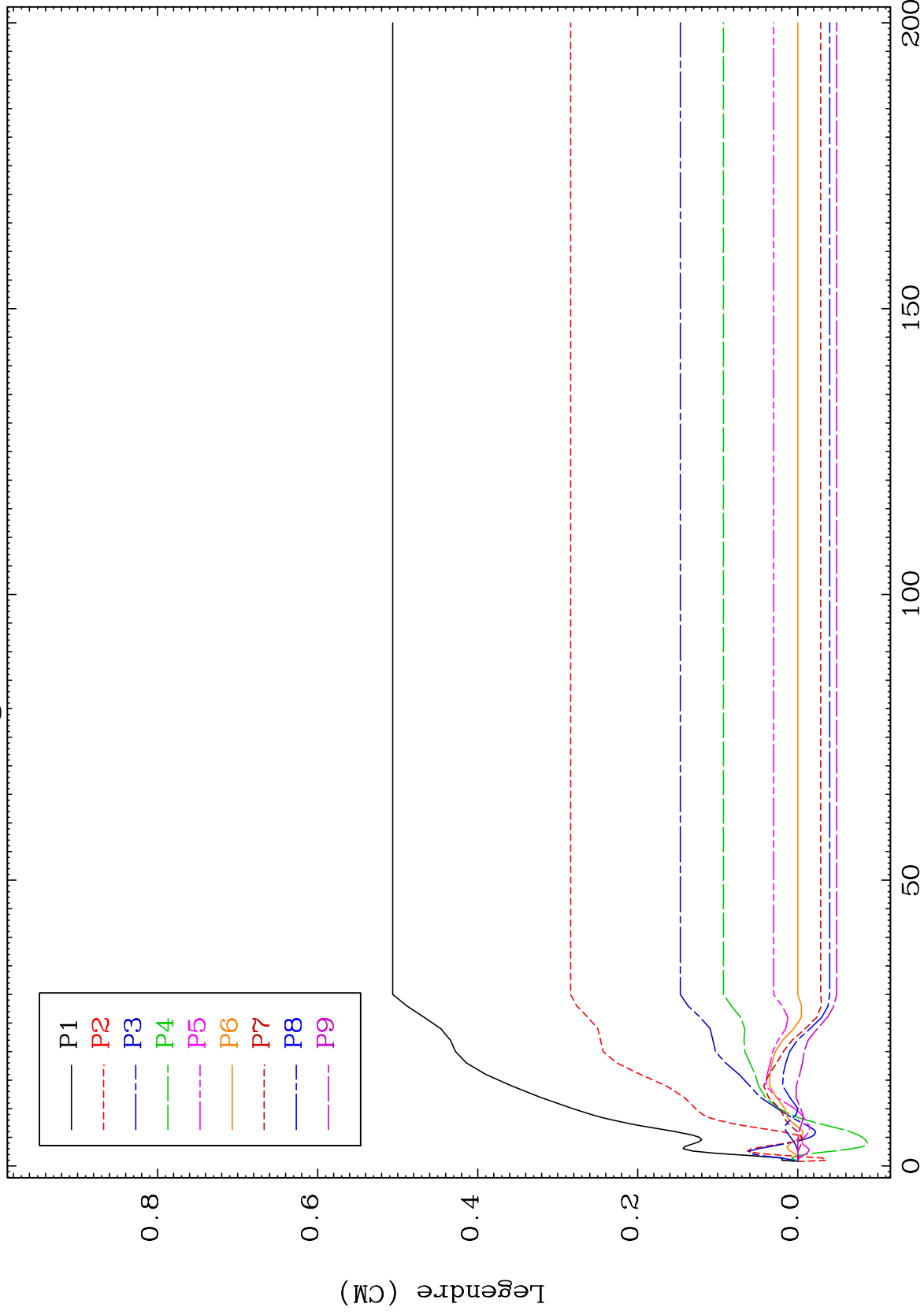
56-Ba-119



MAT 5592

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

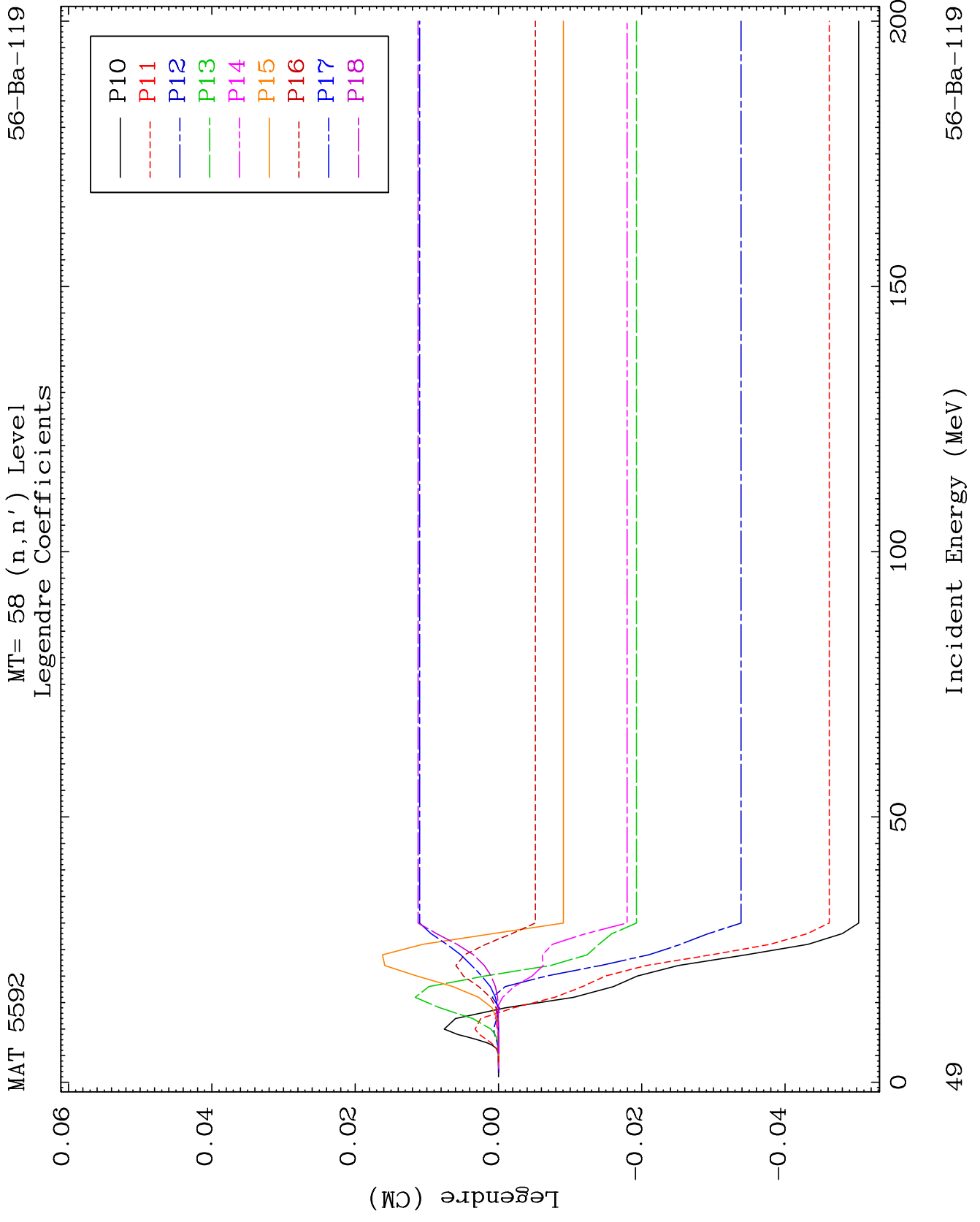
56-Ba-119



48

Incident Energy (MeV)

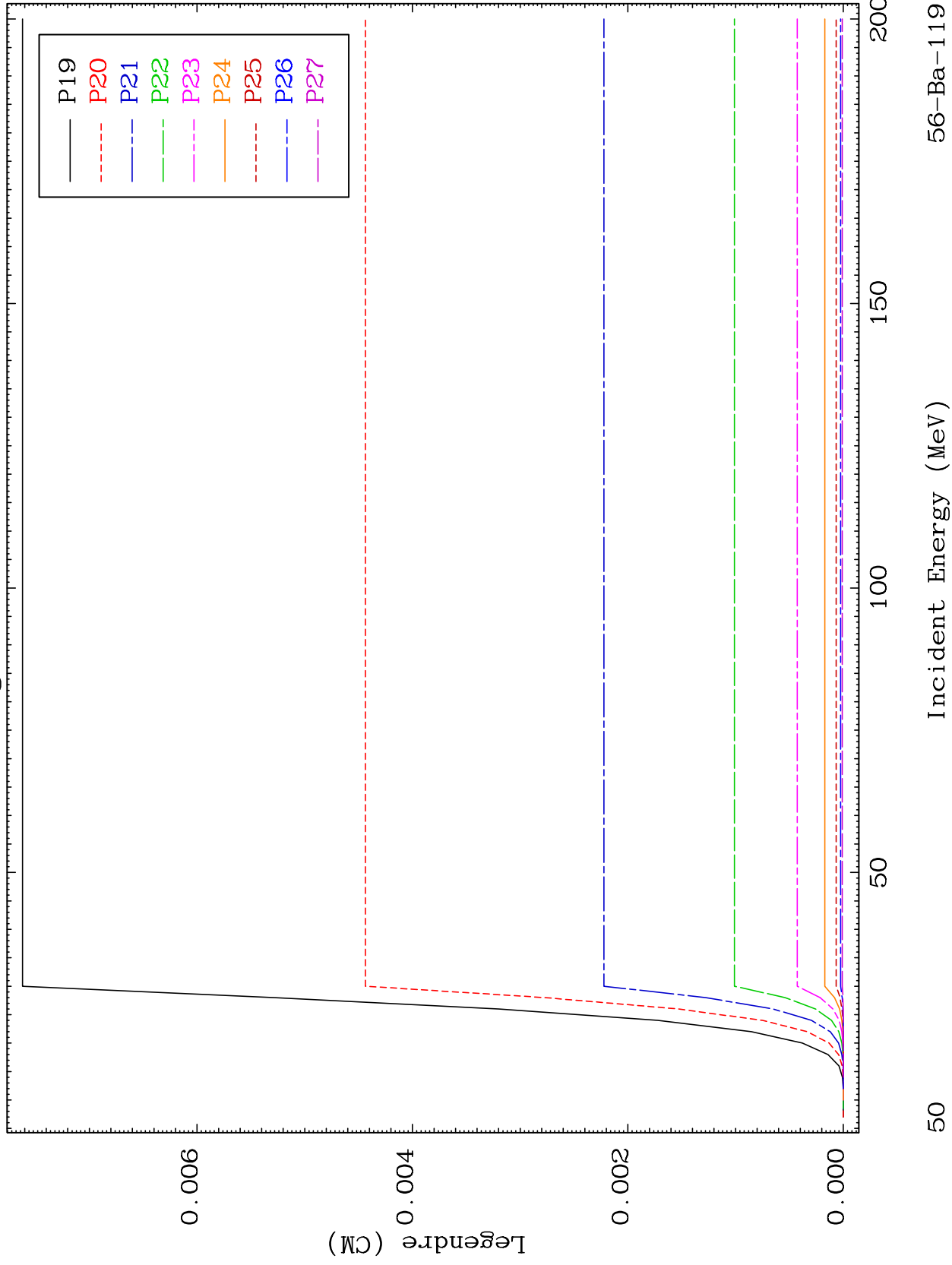
56-Ba-119



MAT 5592

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

56-Ba-119



56-Ba-119

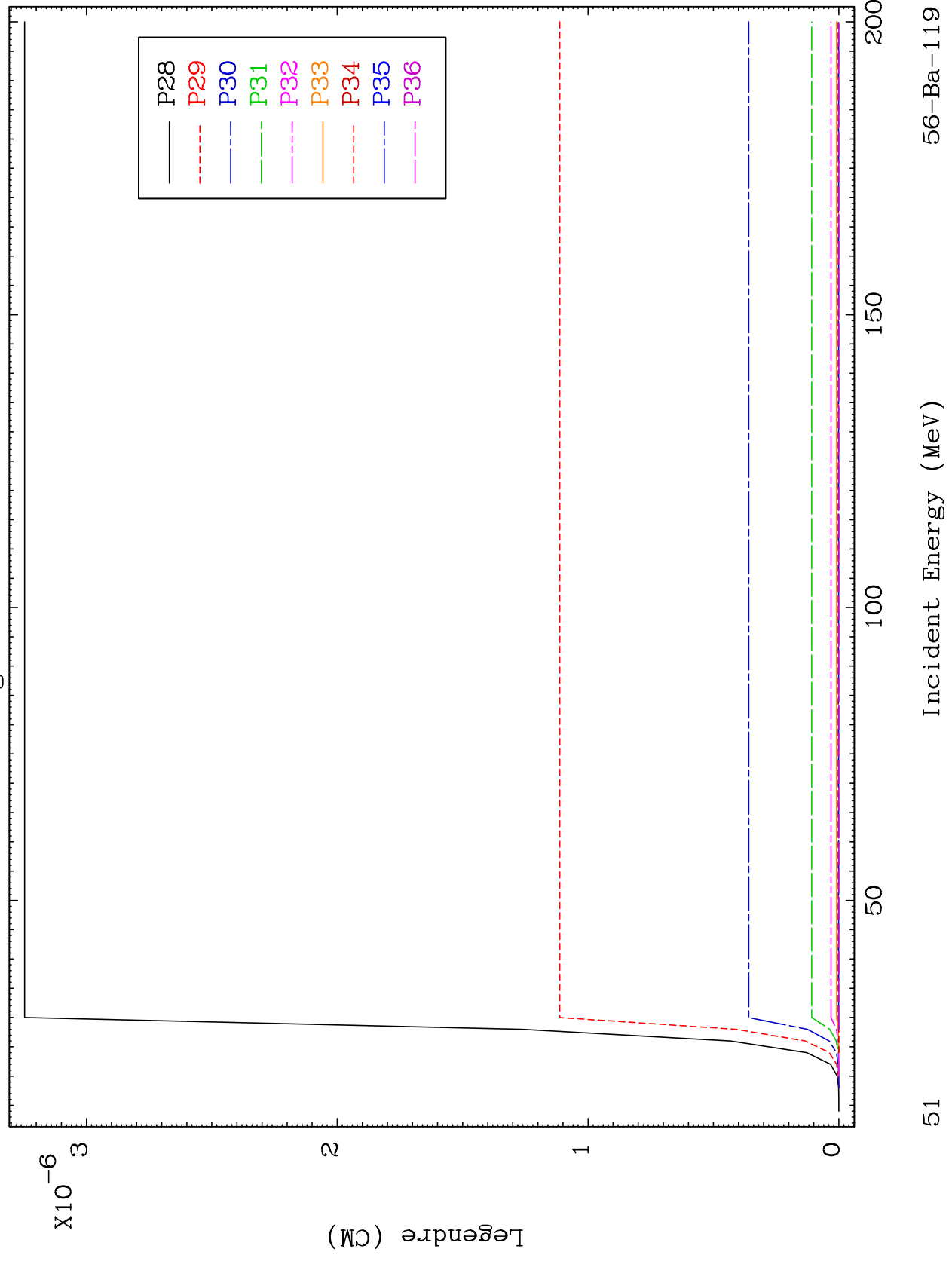
Incident Energy (MeV)

50

MAT 5592

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

56-Ba-119



51

Incident Energy (MeV)

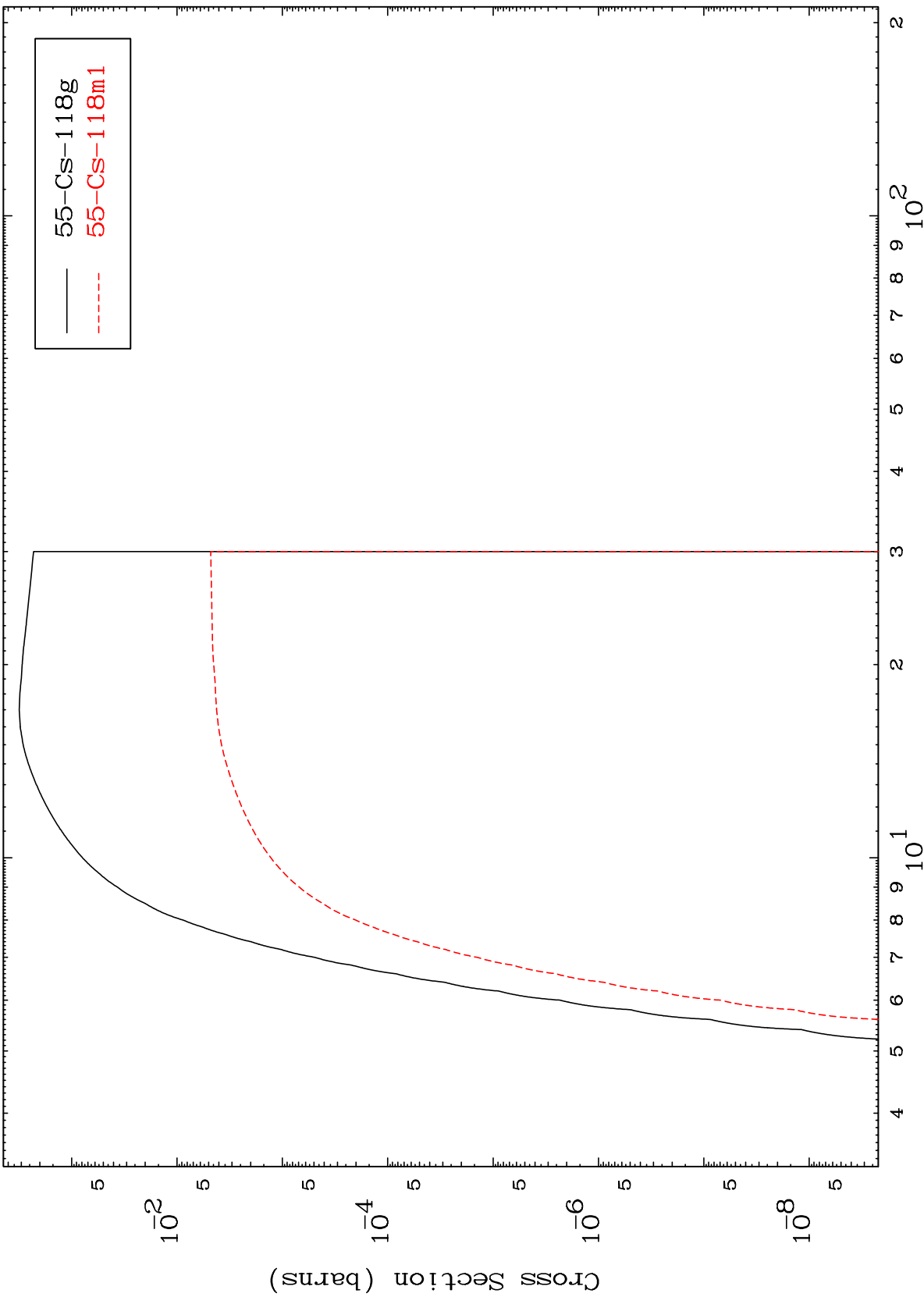
56-Ba-119

MAT 5592

(n,n') p

56-Ba-119

Radionuclide Production Cross Section

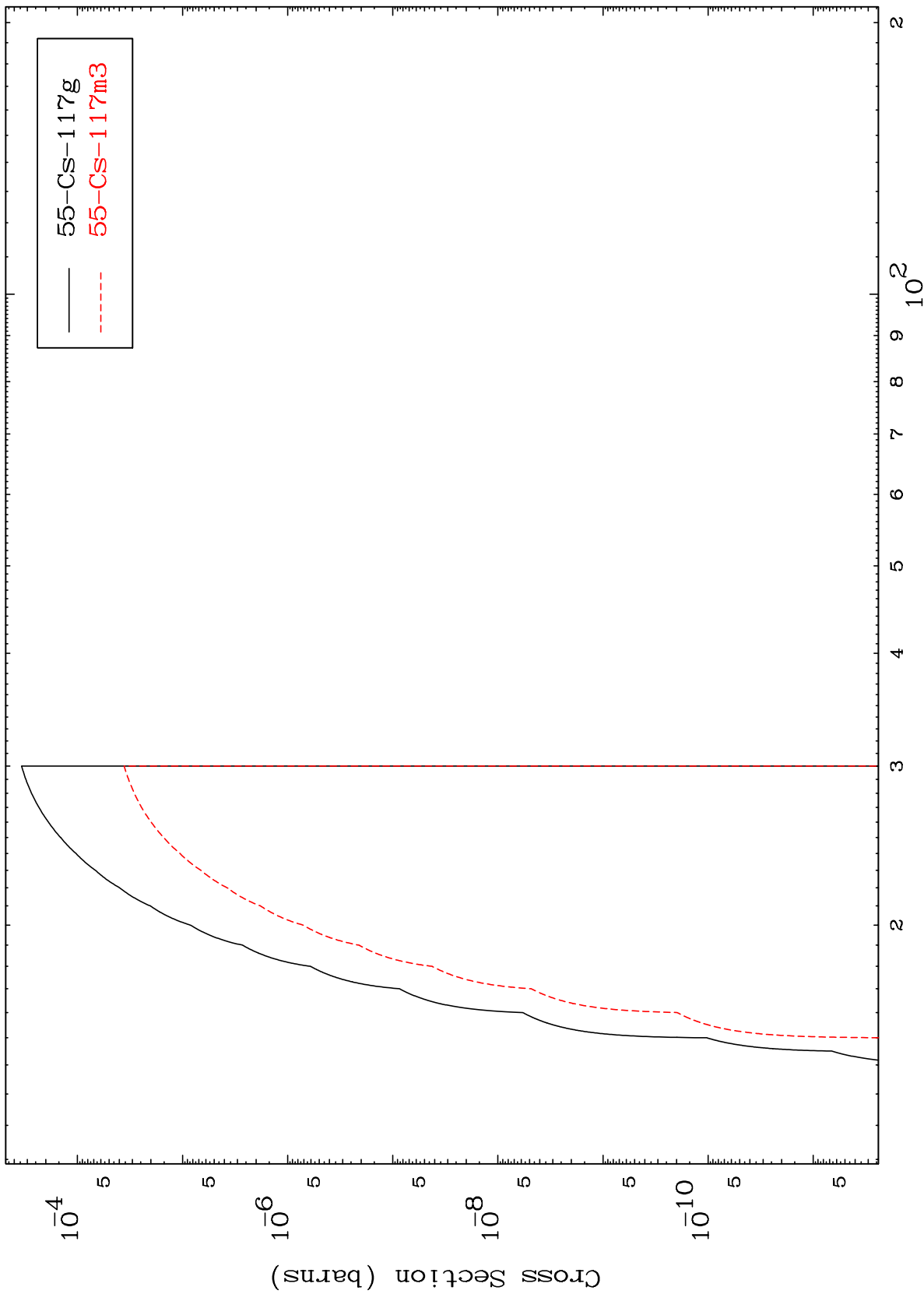


52

Incident Energy (MeV)

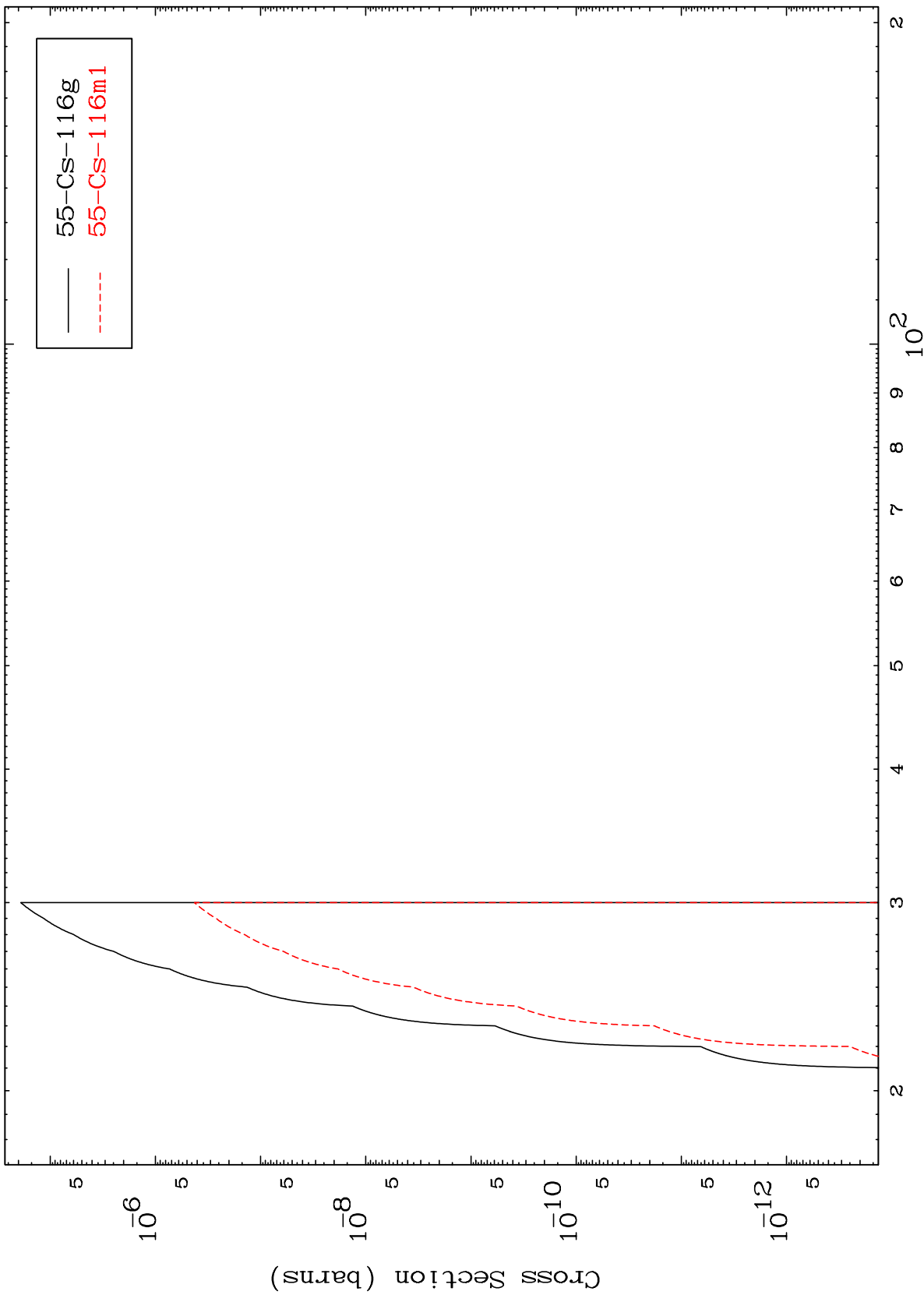
56-Ba-119

(n,n') d  
Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



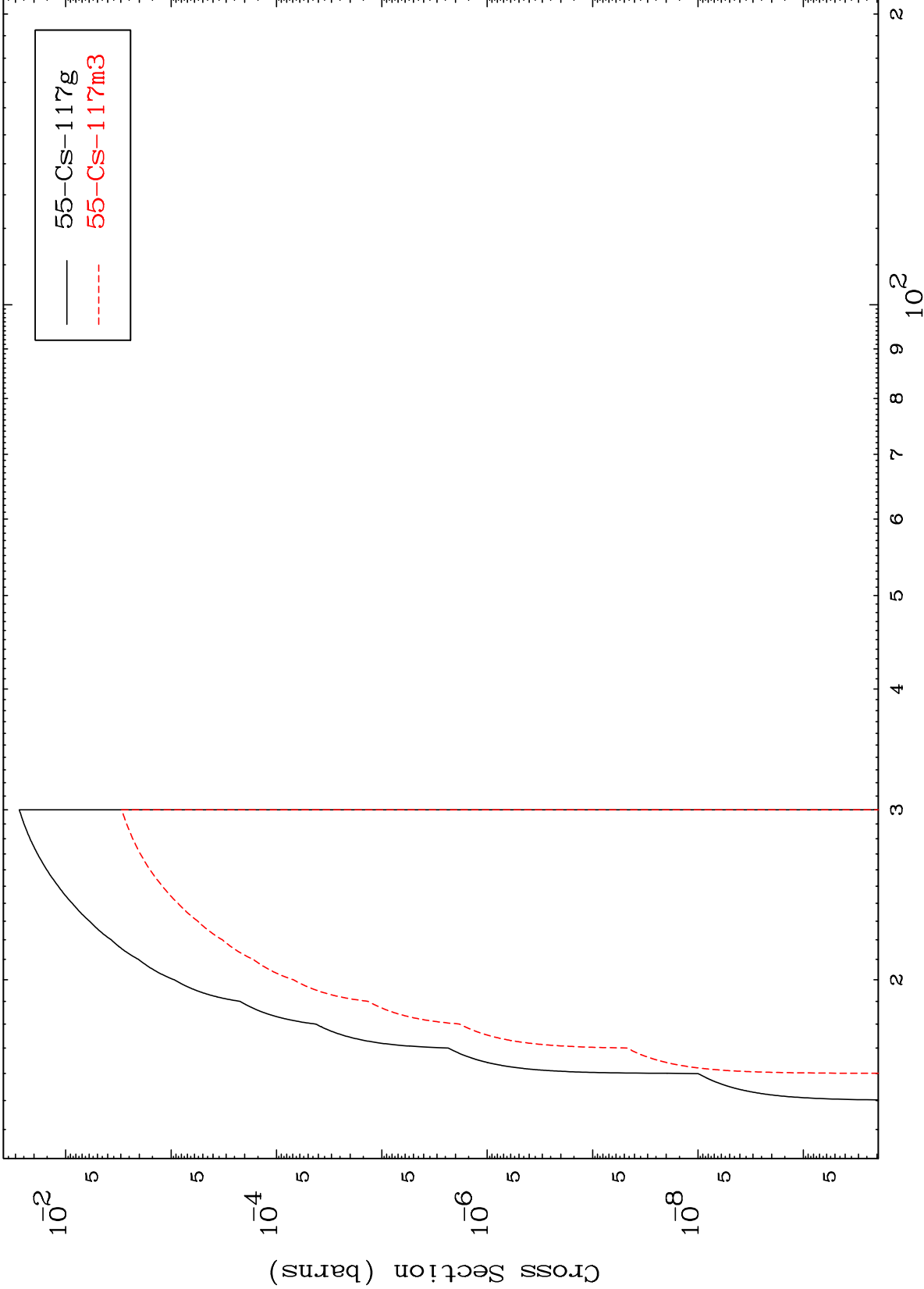
55-Cs-116g  
55-Cs-116m1

MAT 5592

(n,2n) p

56-Ba-119

Radionuclide Production Cross Section



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

55

Incident Energy (MeV)

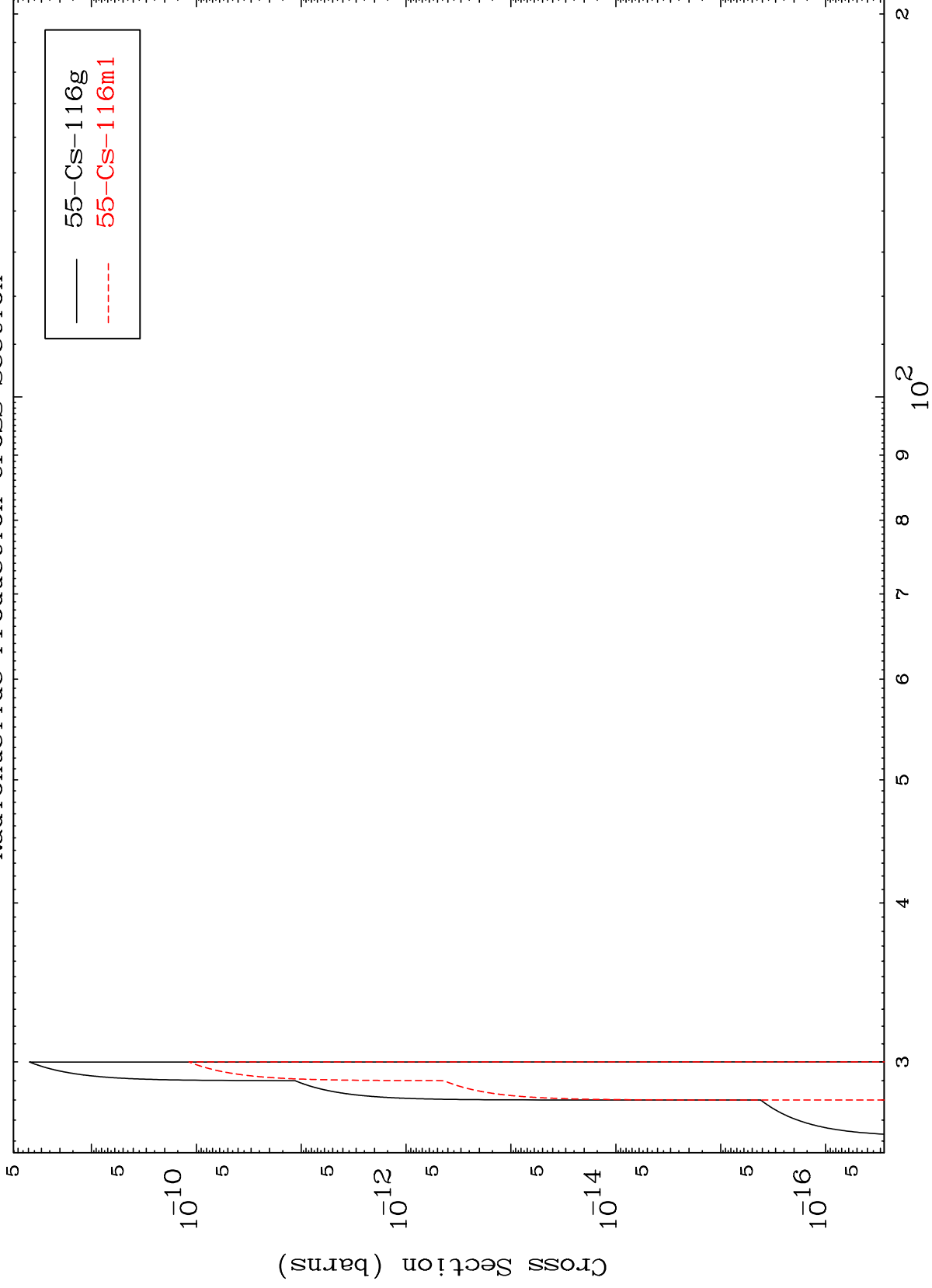
56-Ba-119

MAT 5592

(n,3n) p

56-Ba-119

Radionuclide Production Cross Section



56

Incident Energy (MeV)

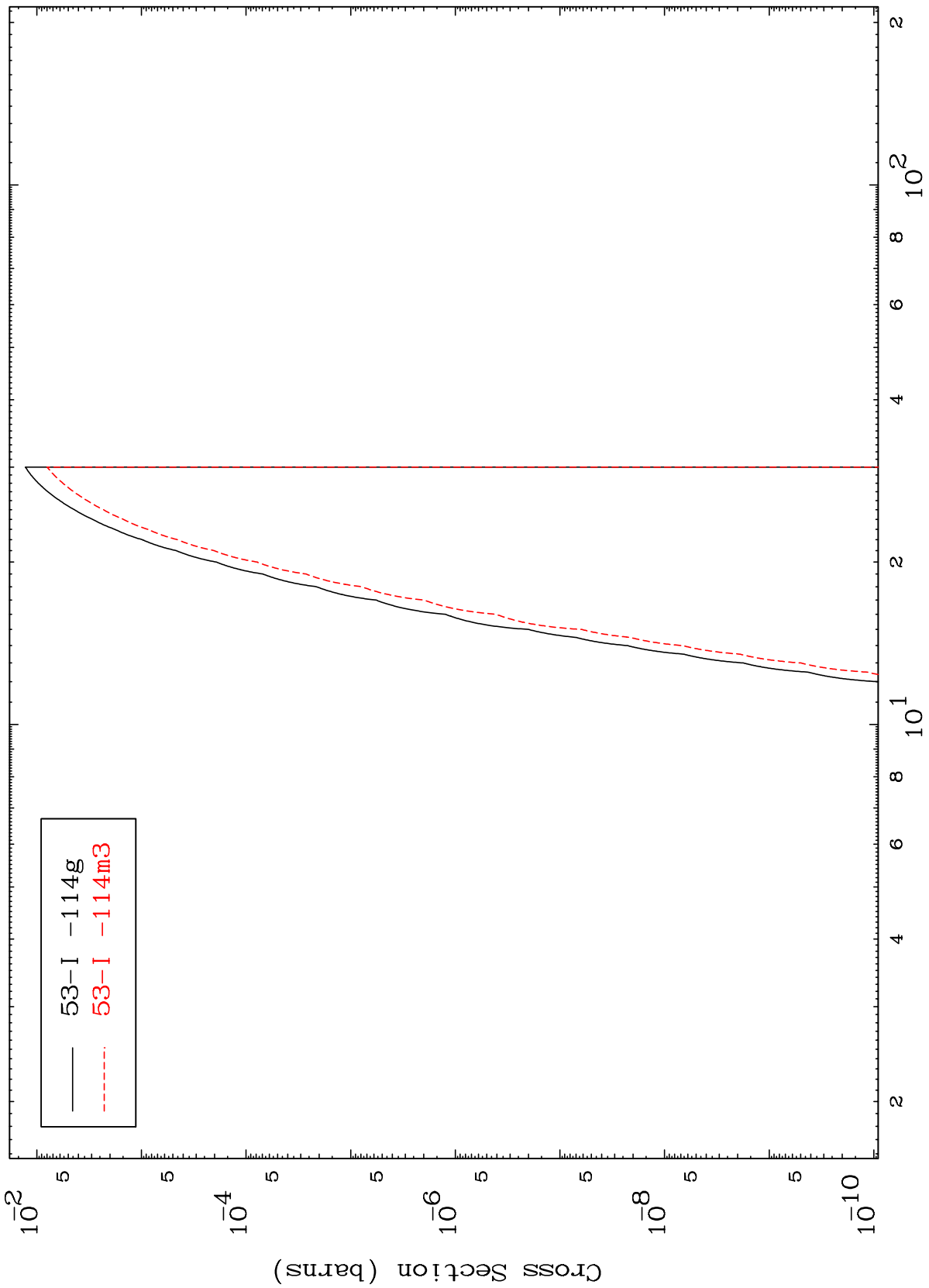
56-Ba-119

MAT 5592

(n,n') p  $\alpha$

56-Ba-119

Radionuclide Production Cross Section



53-I -114g  
53-I -114m3

57

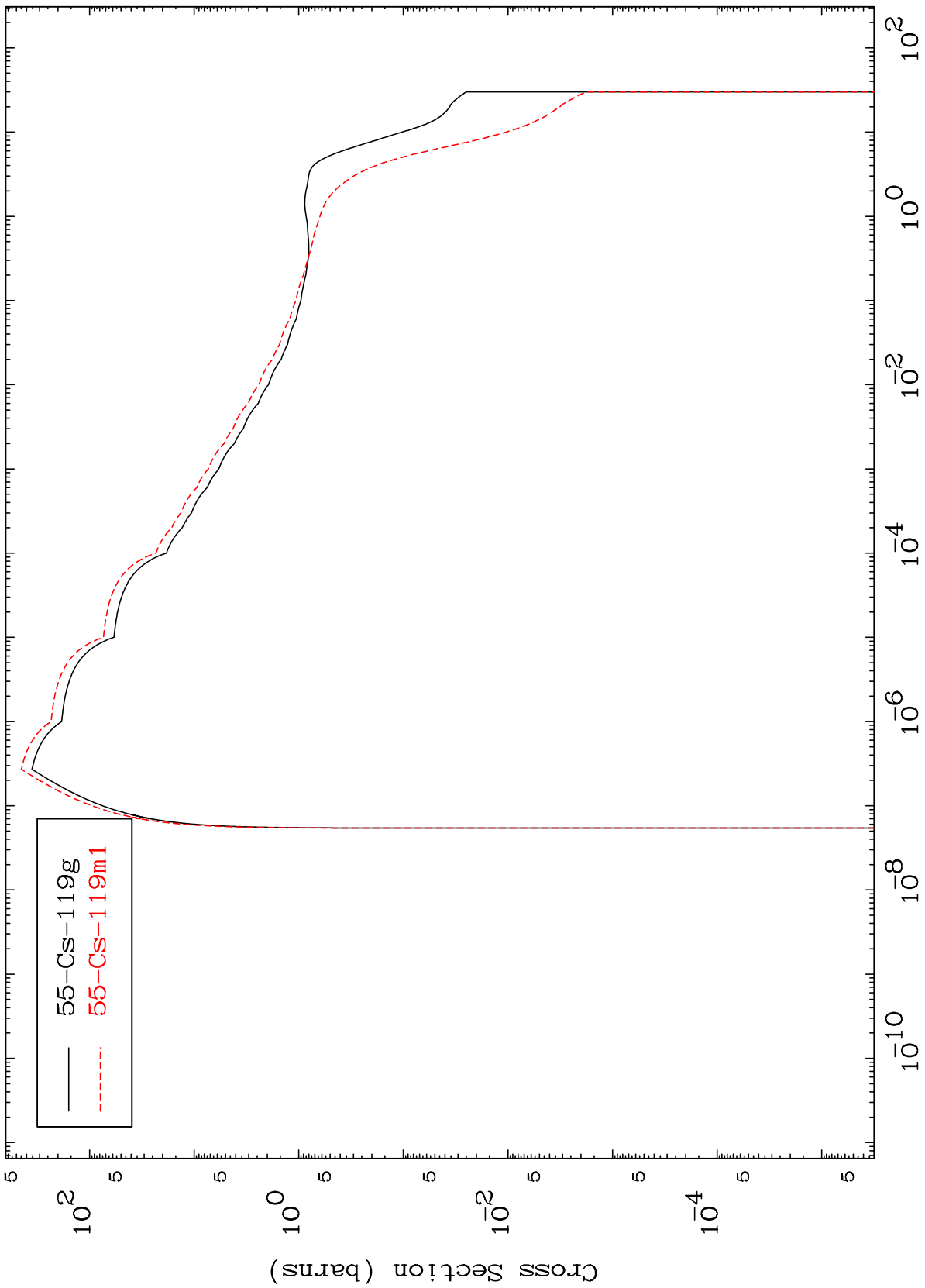
Incident Energy (MeV)

56-Ba-119

MAT 5592

56-Ba-119

(n,p)  
Radionuclide Production Cross Section



56-Ba-119

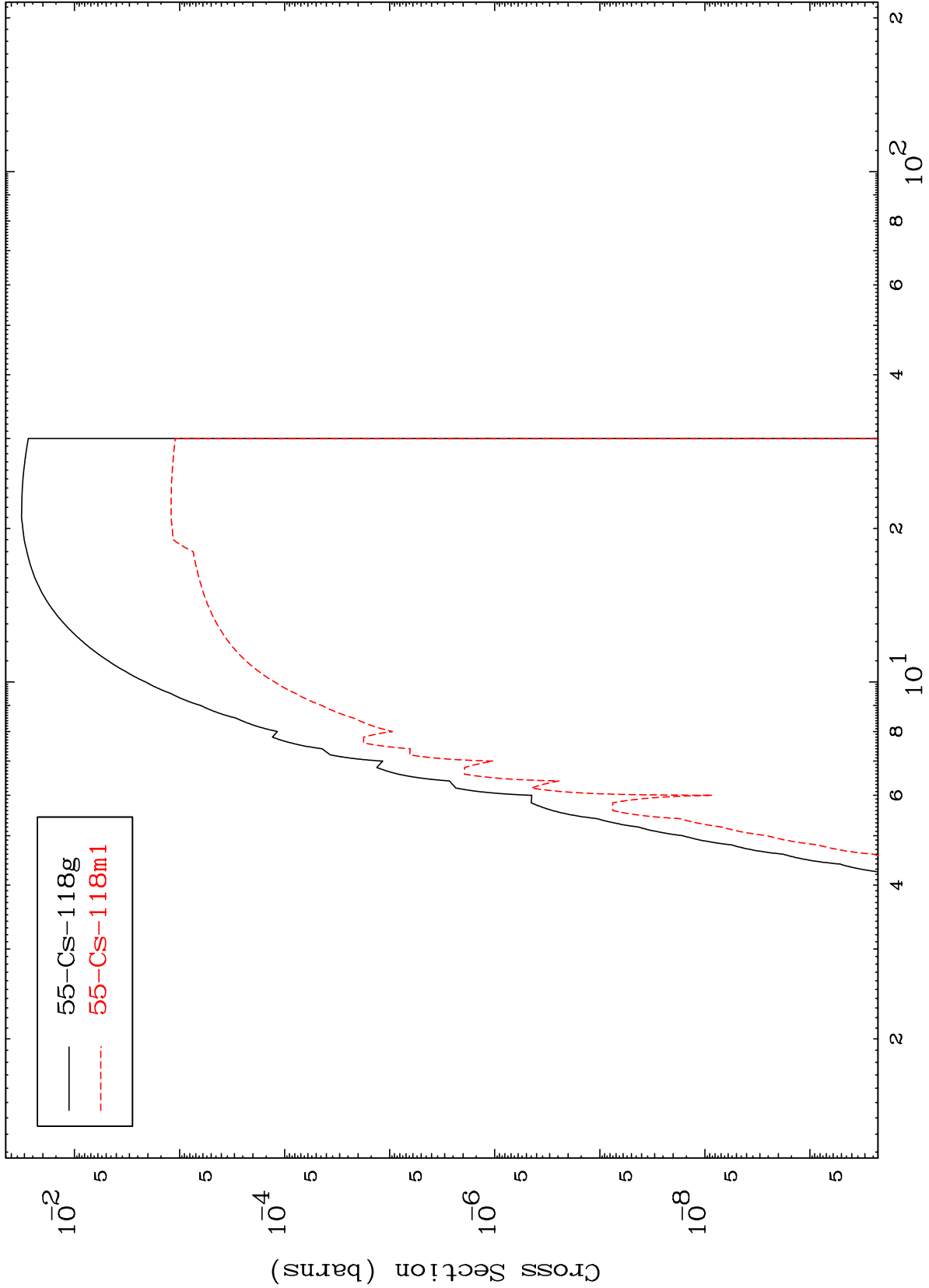
Incident Energy (MeV)

58

MAT 5592

56-Ba-119

(n,d)  
Radionuclide Production Cross Section



59

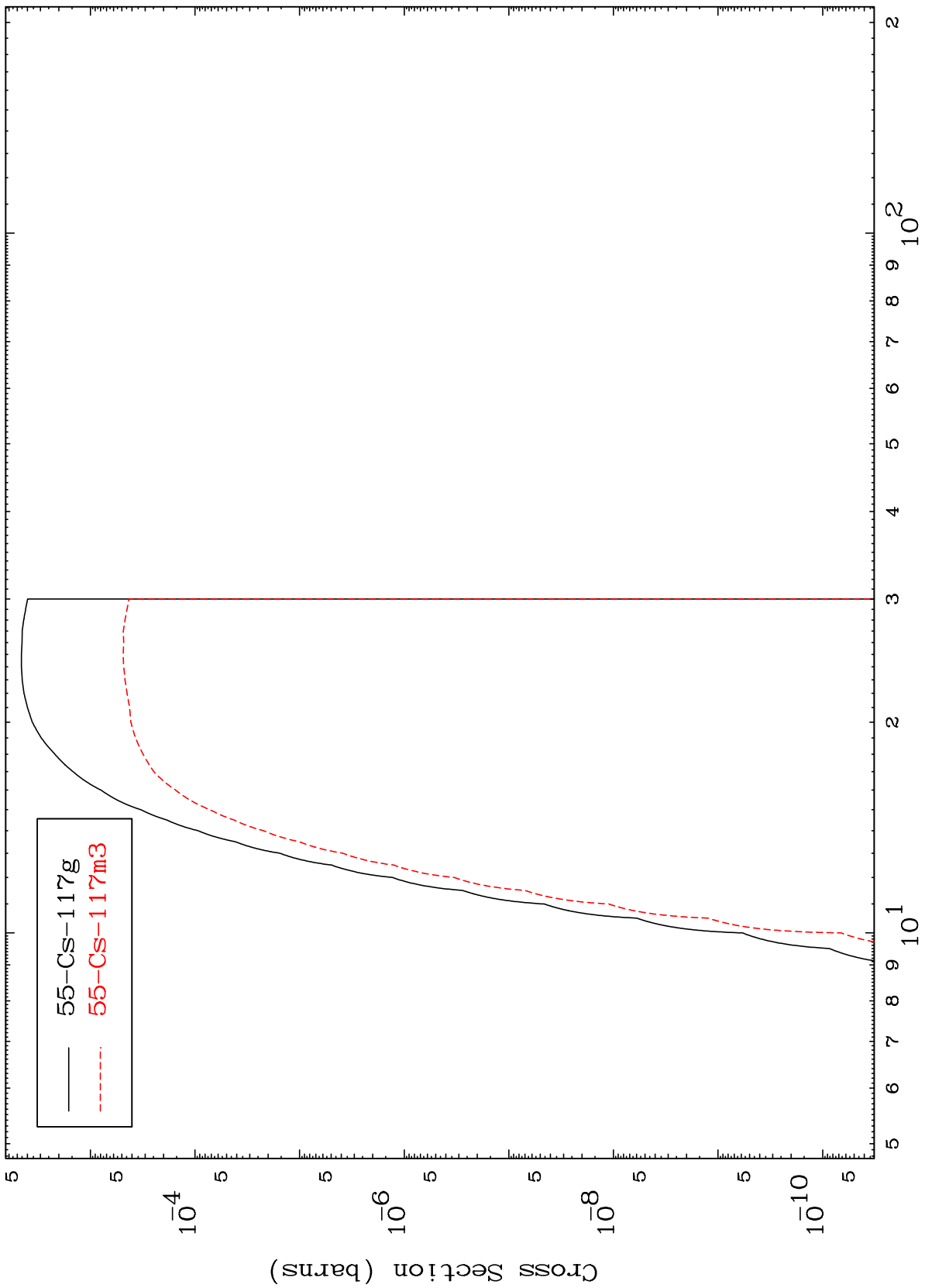
56-Ba-119

Incident Energy (MeV)

MAT 5592

56-Ba-119

(n, t)  
Radionuclide Production Cross Section



60

Incident Energy (MeV)

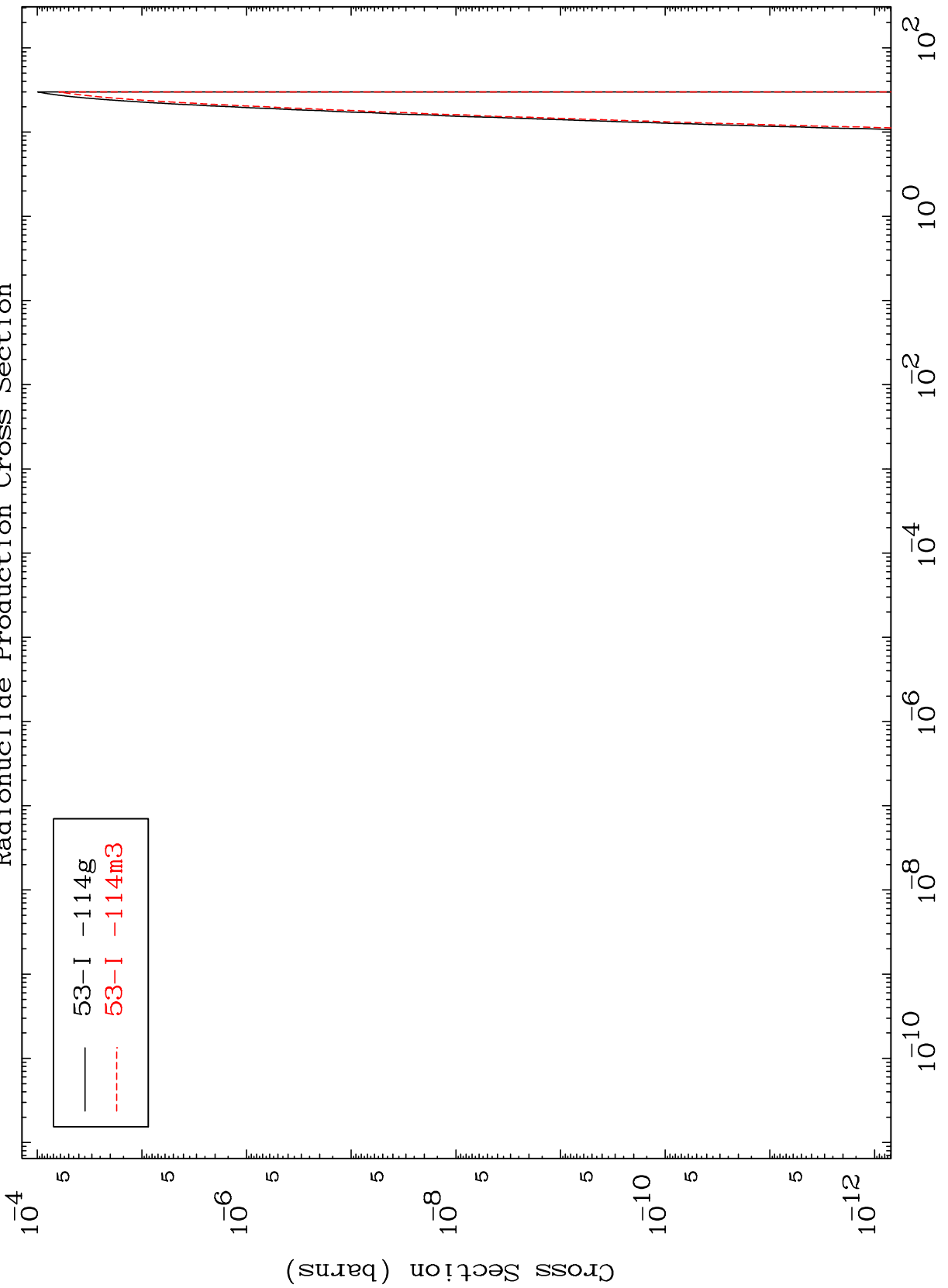
56-Ba-119

MAT 5592

(n,d)  $\alpha$

56-Ba-119

Radionuclide Production Cross Section



53-I-114g  
53-I-114m3