

Program EVALPLOT  
(Version 2017-1)

by

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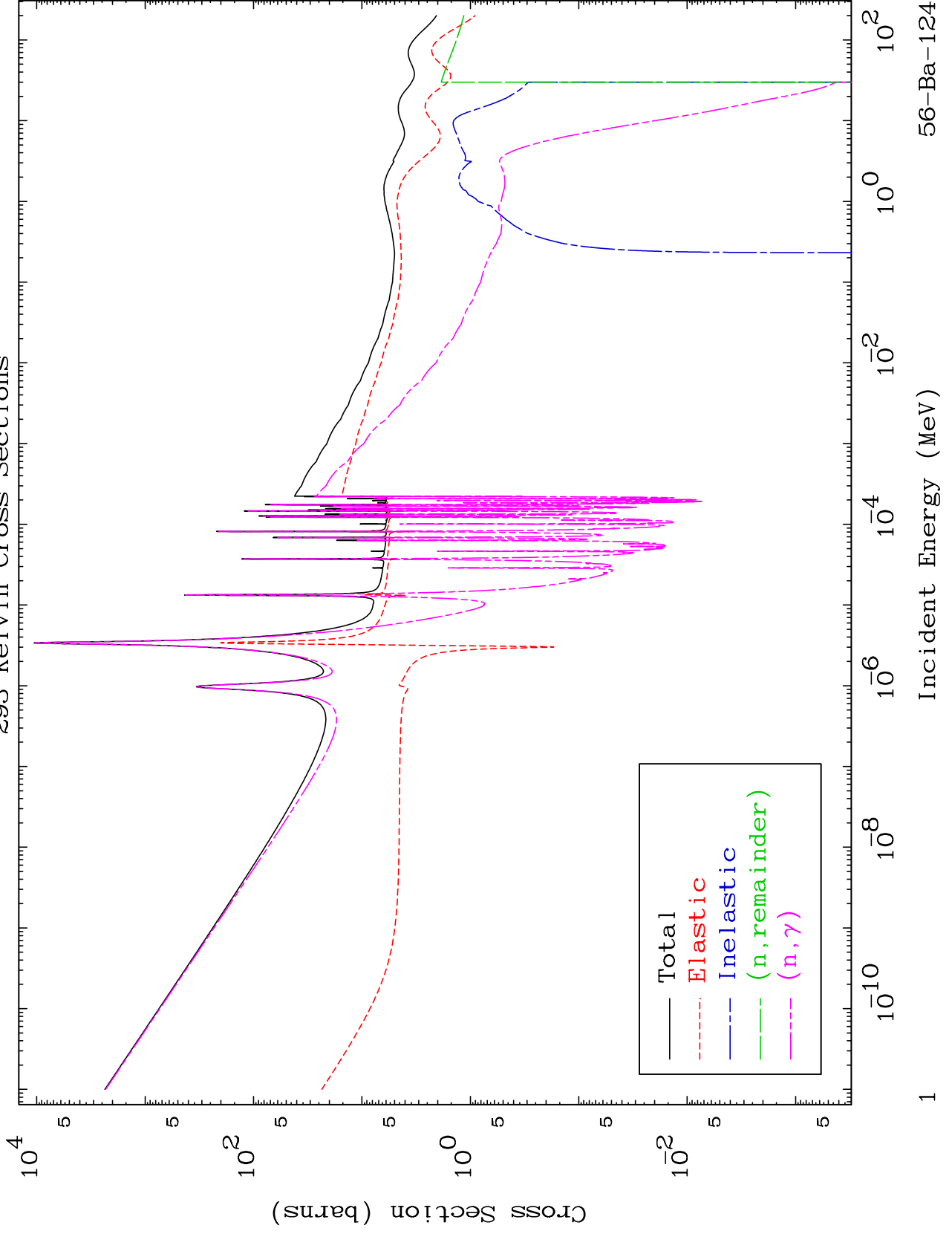
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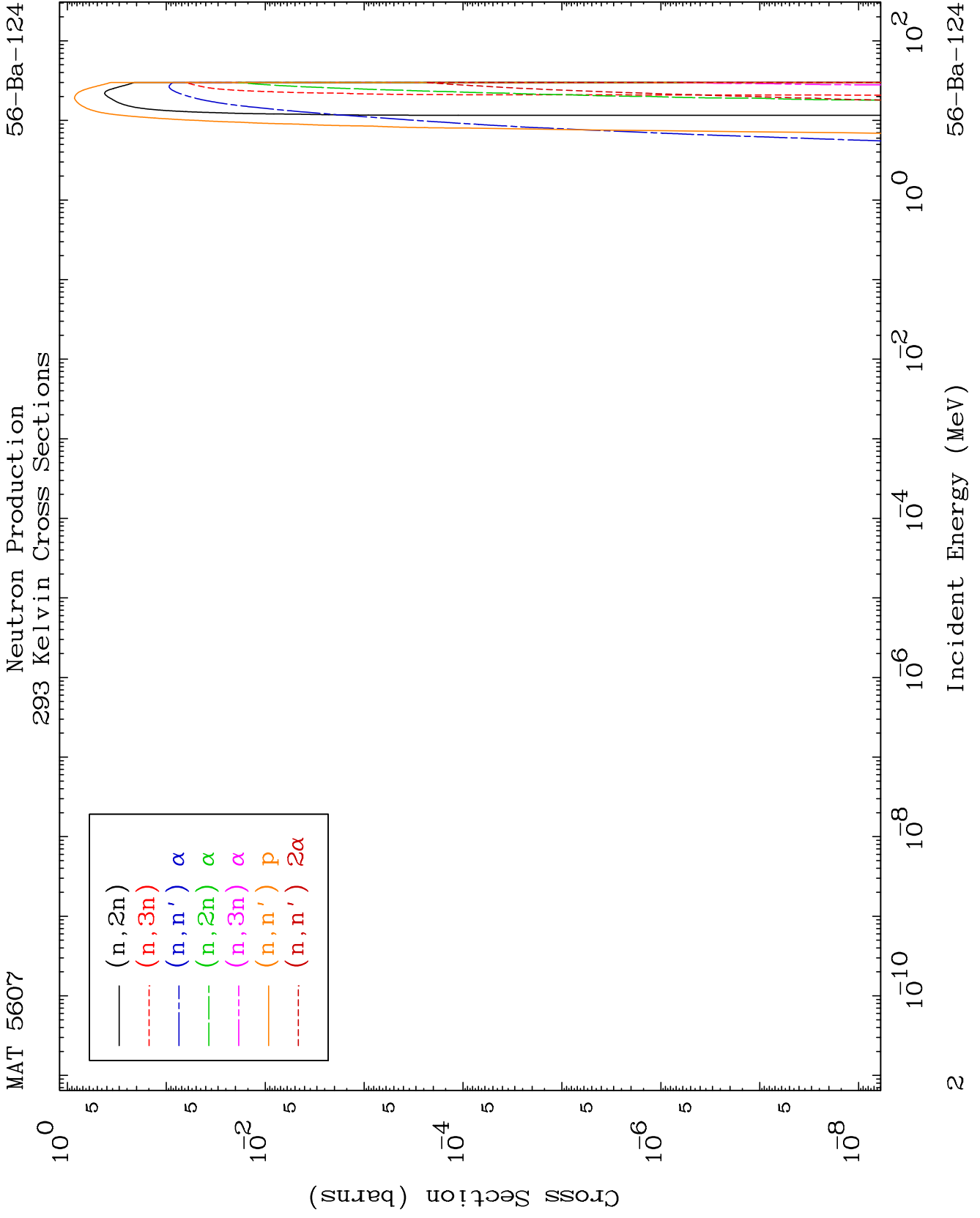
Press Mouse Button to Start

MAT 5607

Major  
293 Kelvin Cross Sections

56-Ba-124

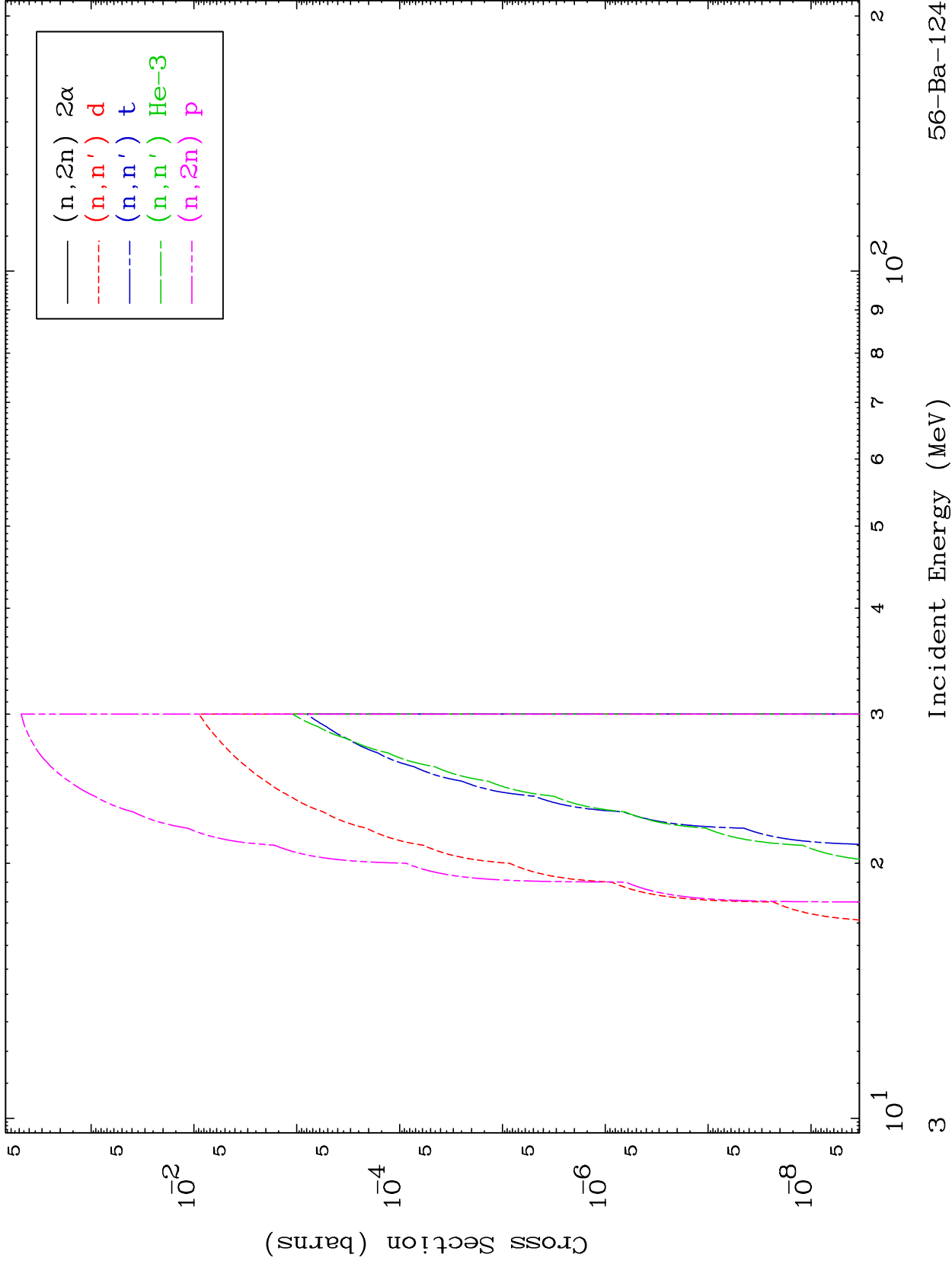




MAT 5607

Neutron Production  
293 Kelvin Cross Sections

56-Ba-124

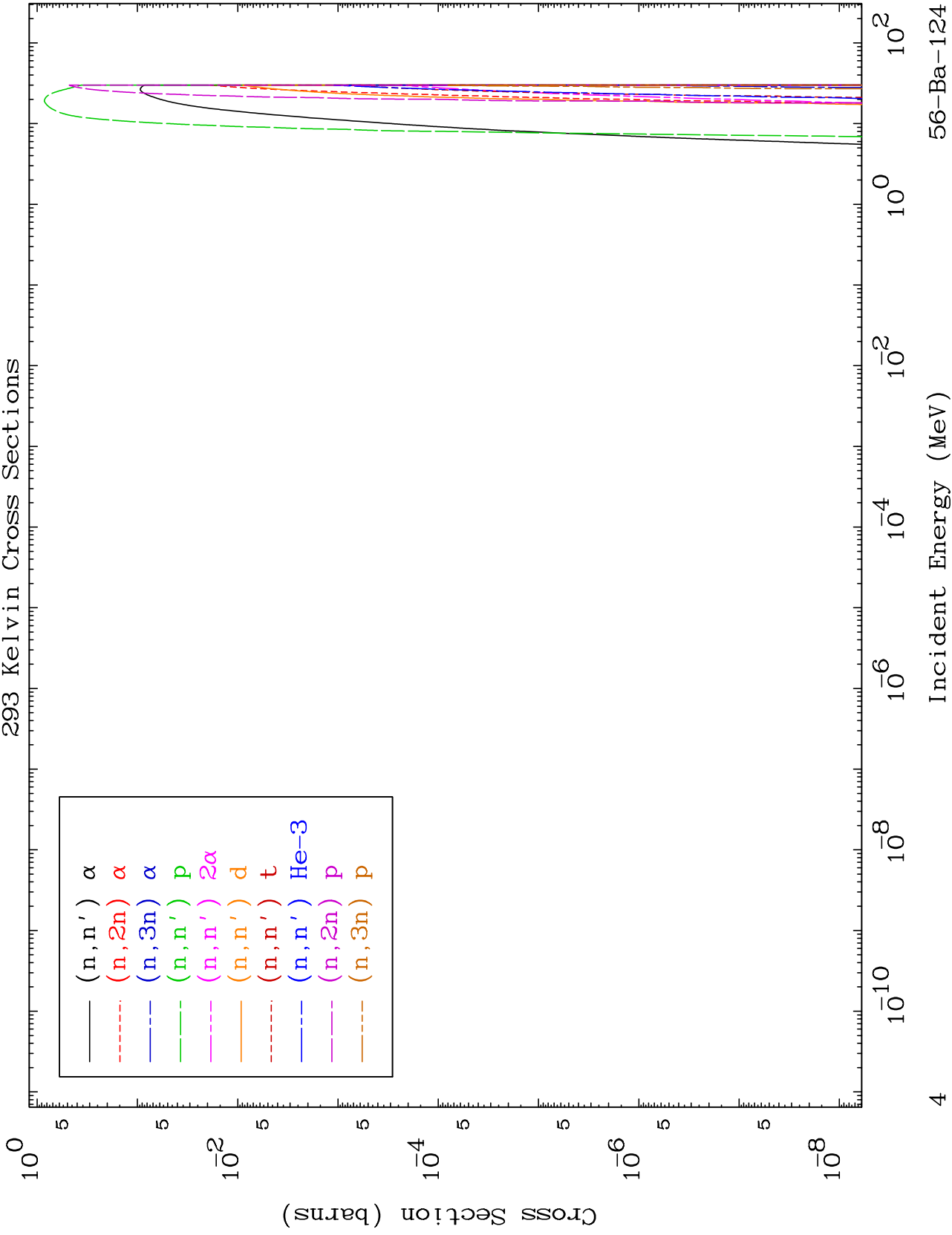


56-Ba-124

MAT 5607

Charged Particle  
293 Kelvin Cross Sections

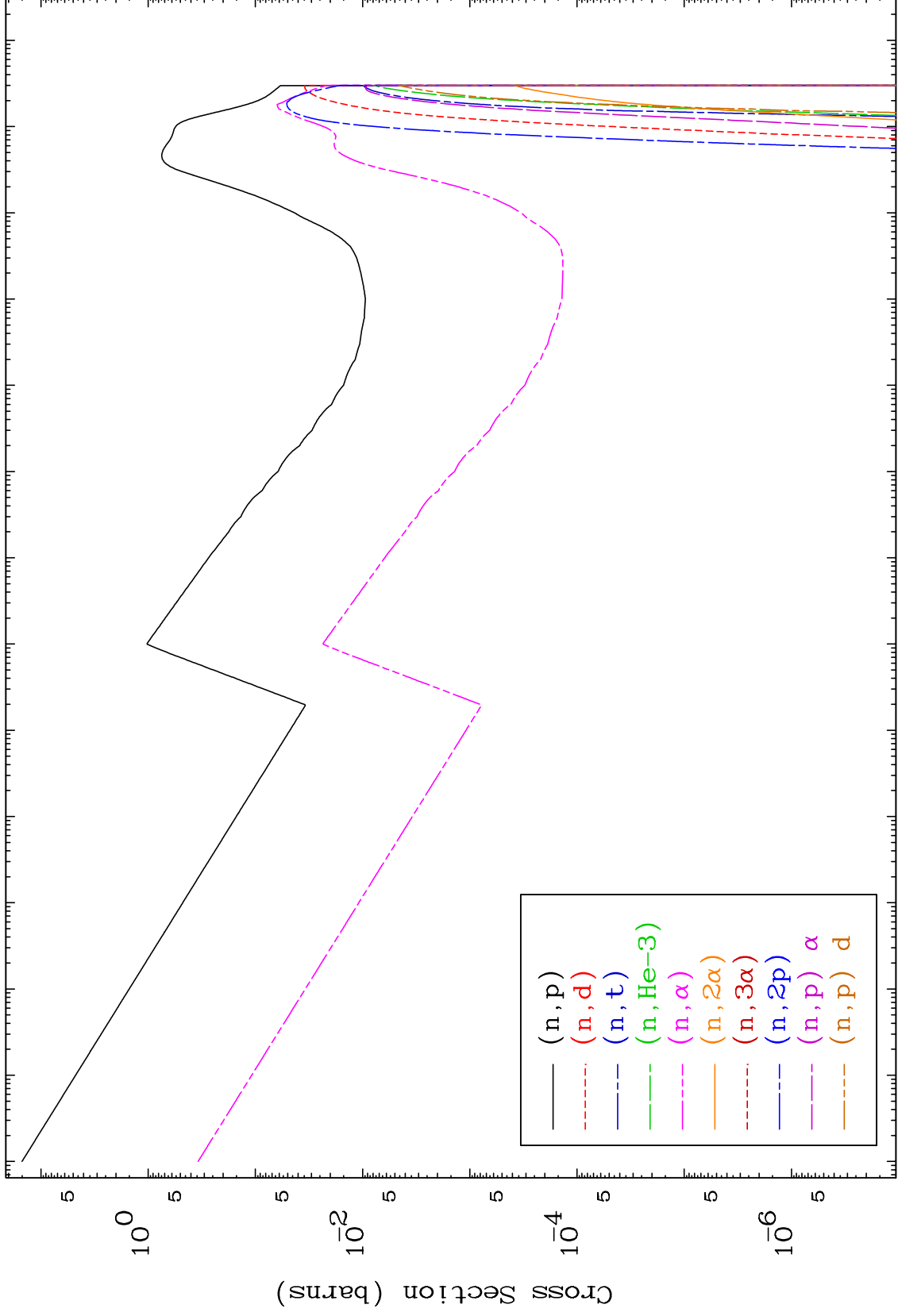
56-Ba-124



MAT 5607

Charged Particle  
293 Kelvin Cross Sections

56-Ba-124



56-Ba-124

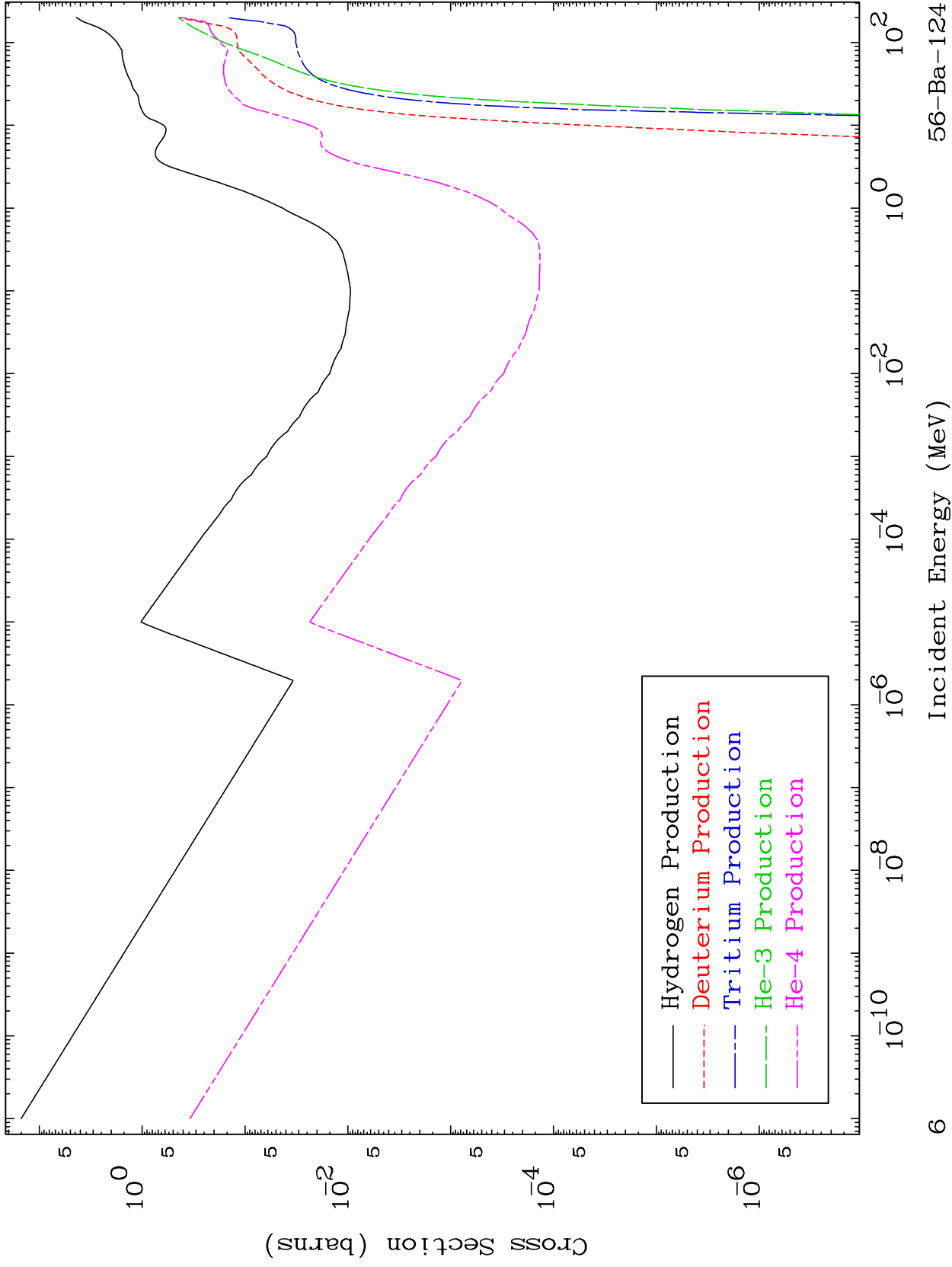
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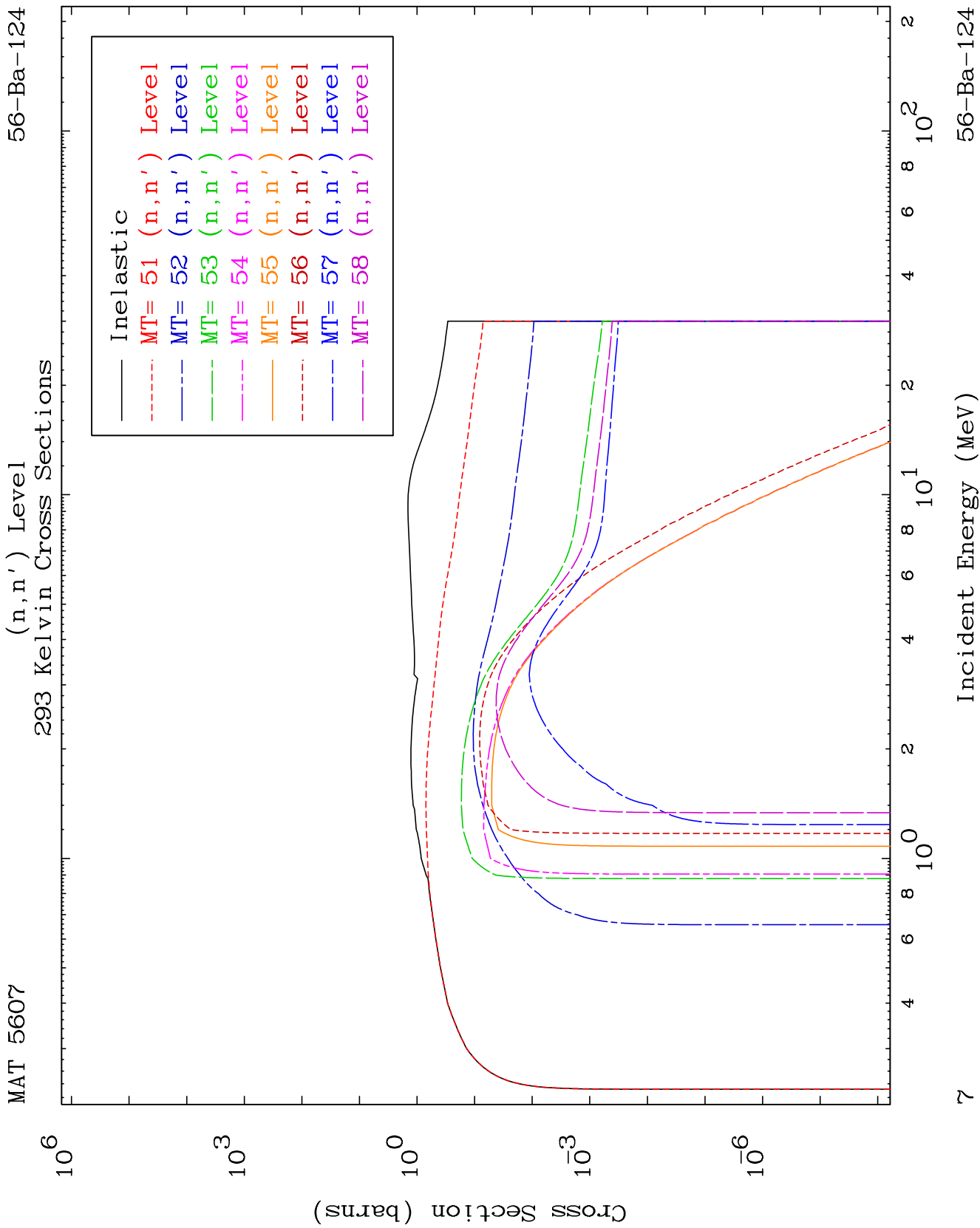
5

MAT 5607

Particle Production  
293 Kelvin Cross Sections

56-Ba-124





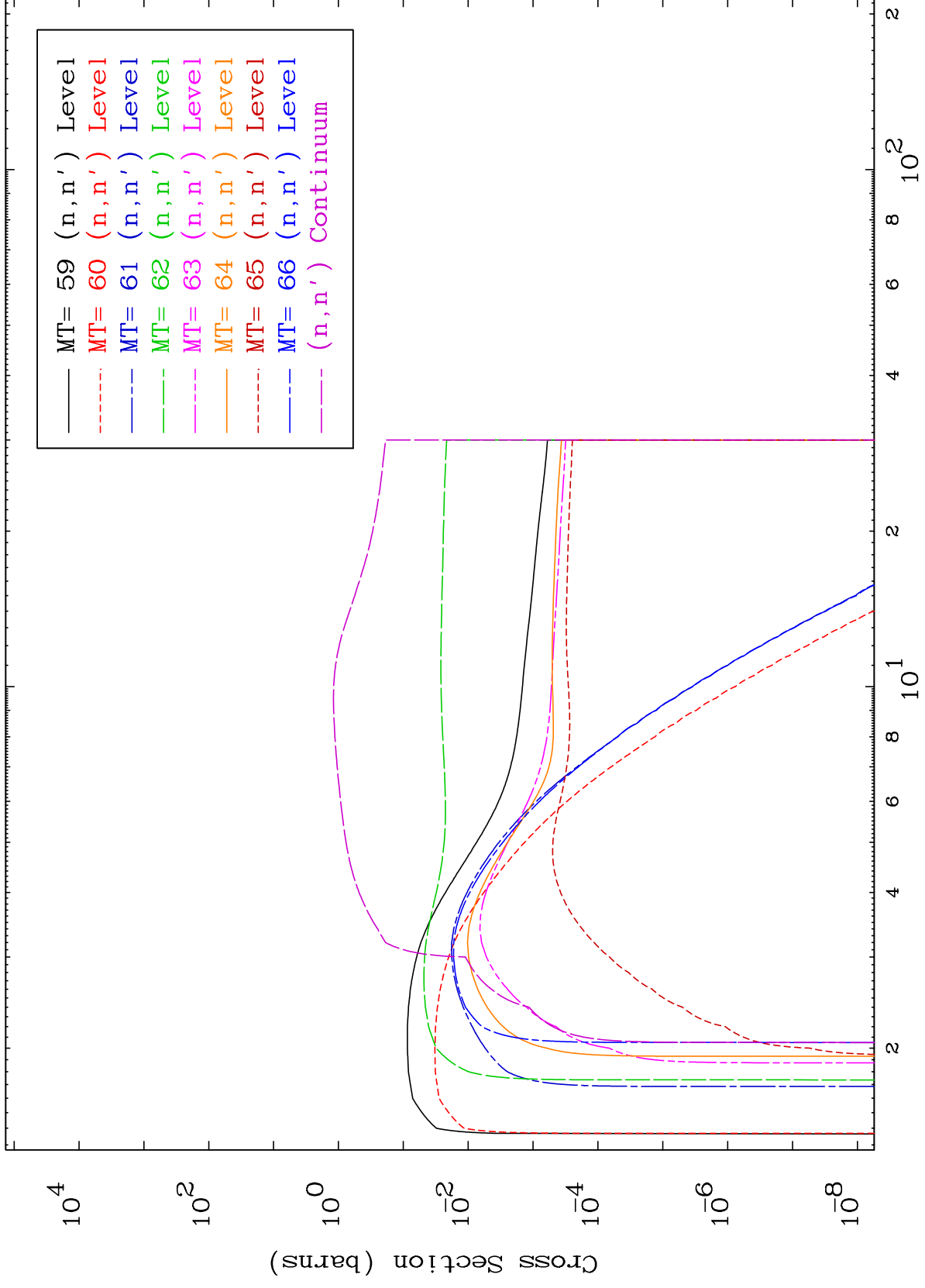


MAT 5607

(n,n') Level

56-Ba-124

293 Kelvin Cross Sections



8

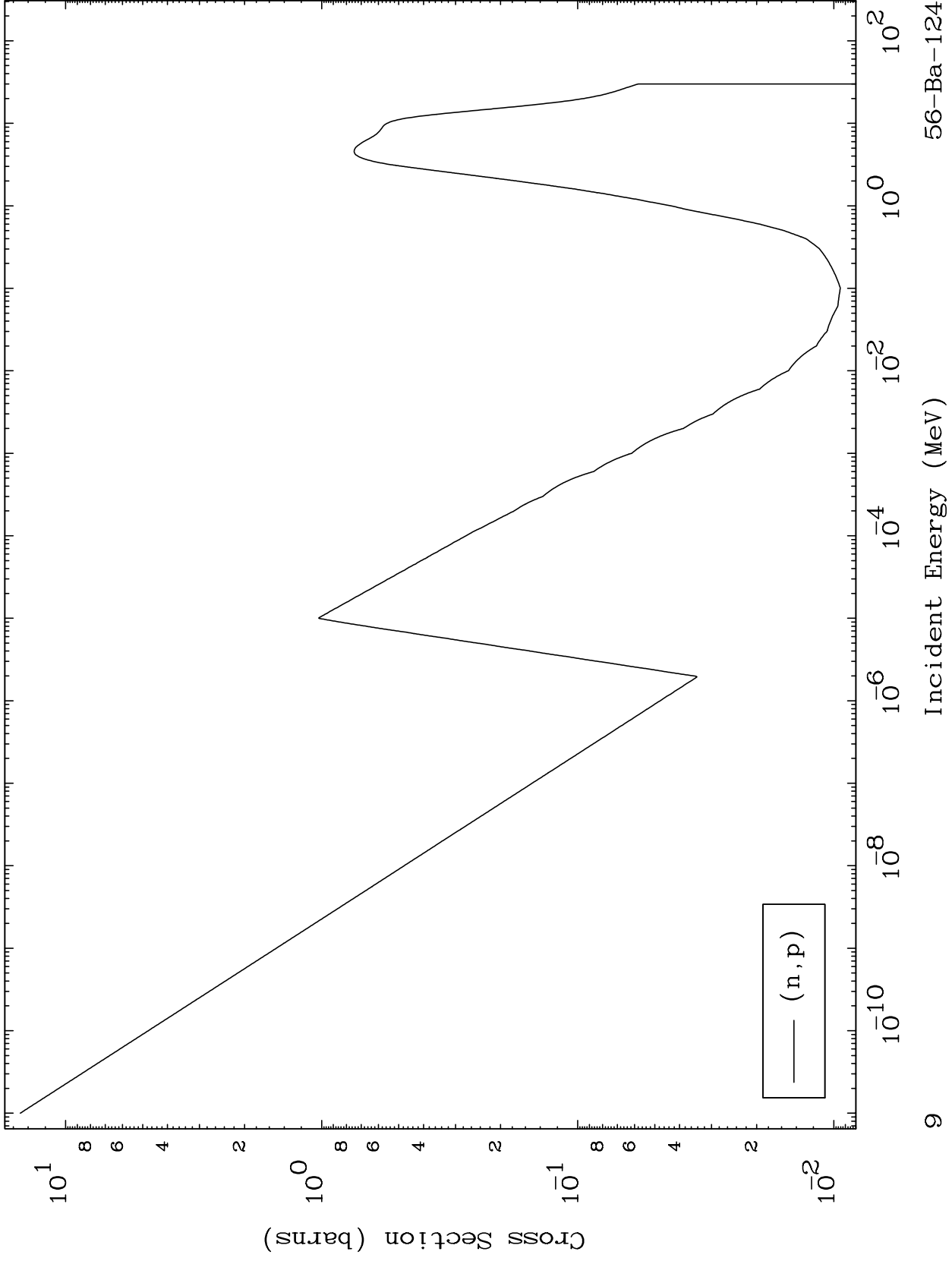
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,p) Levels  
293 Kelvin Cross Sections

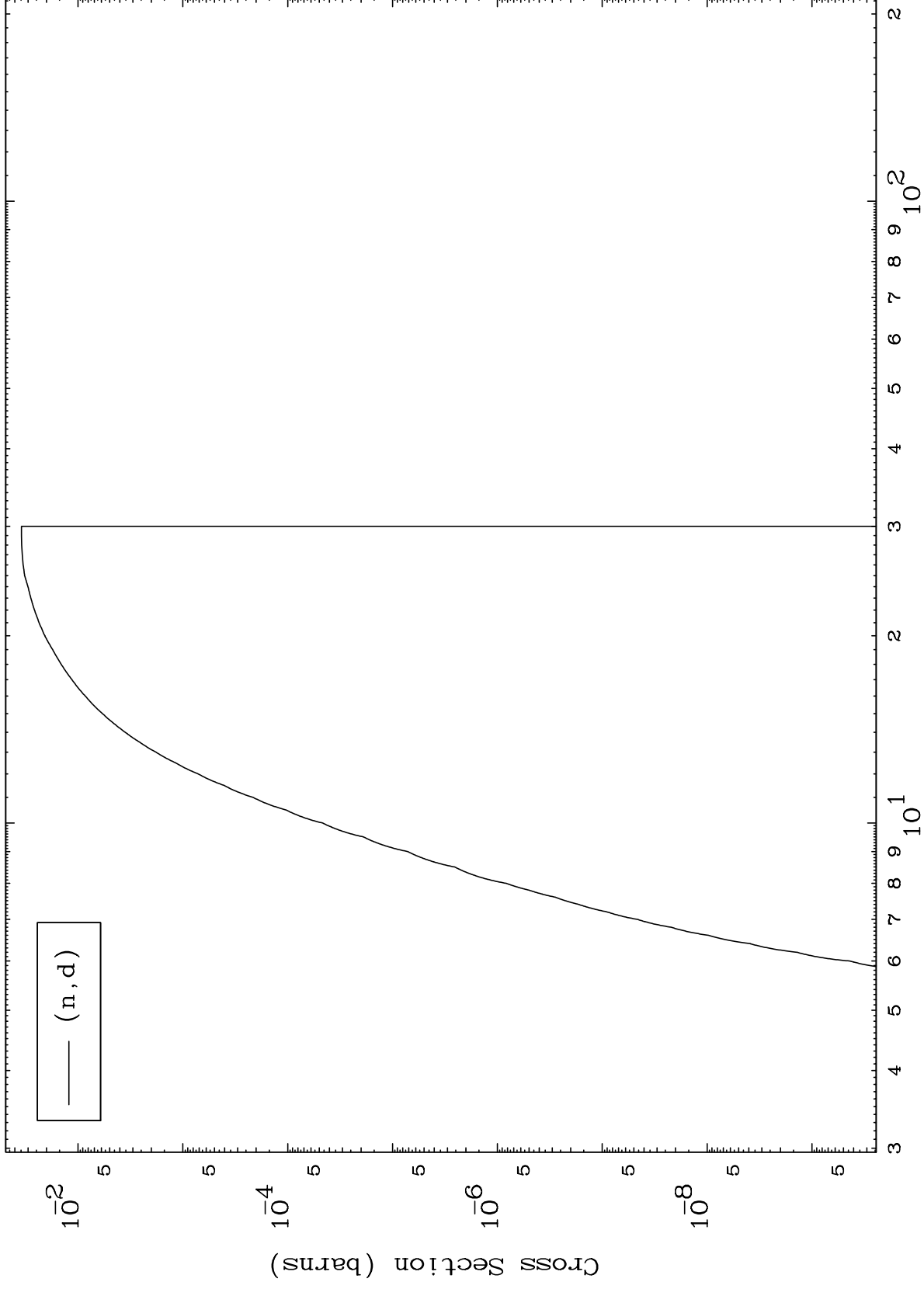
56-Ba-124



MAT 5607

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-124



10

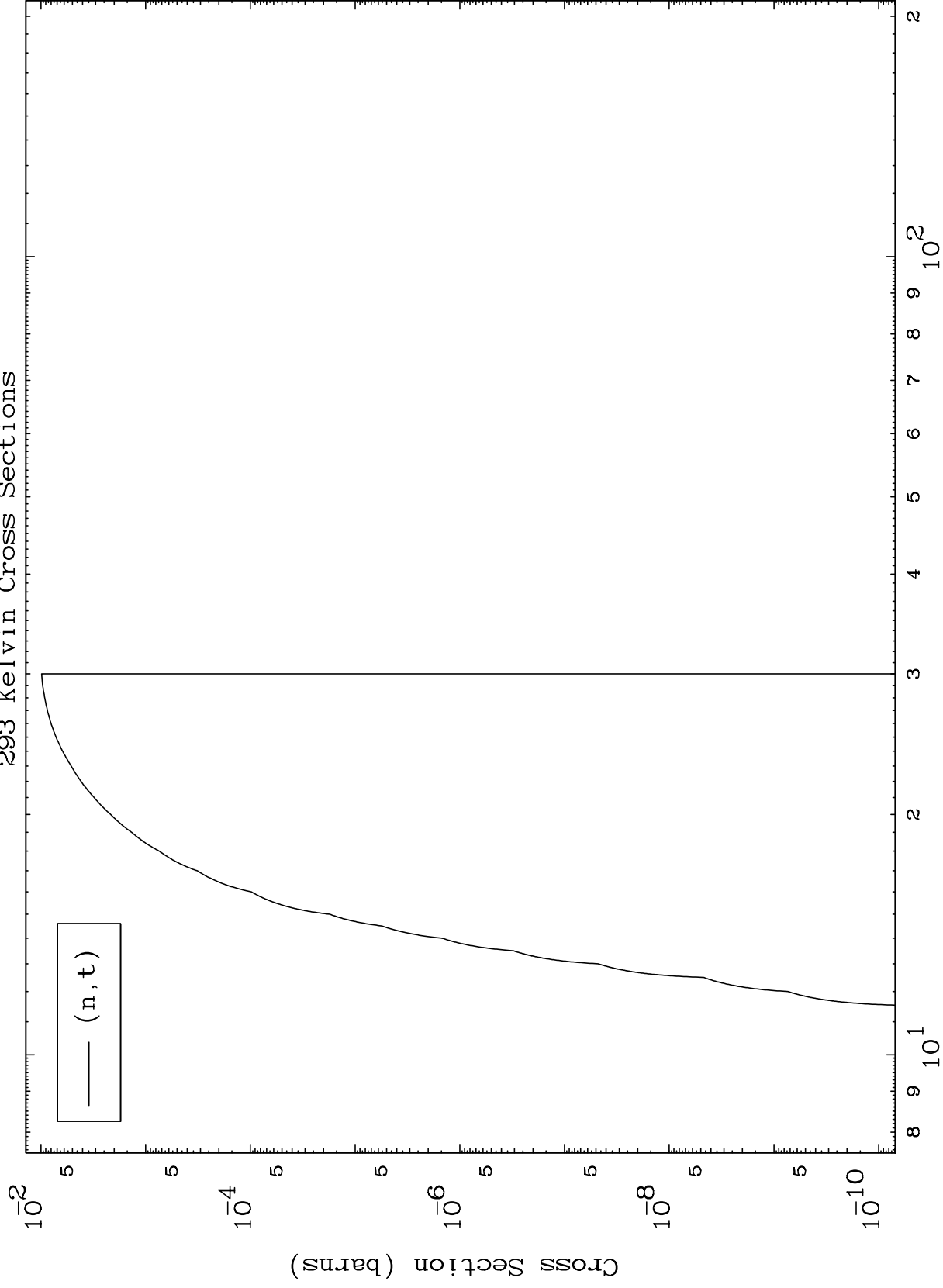
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-124



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Incident Energy (MeV)

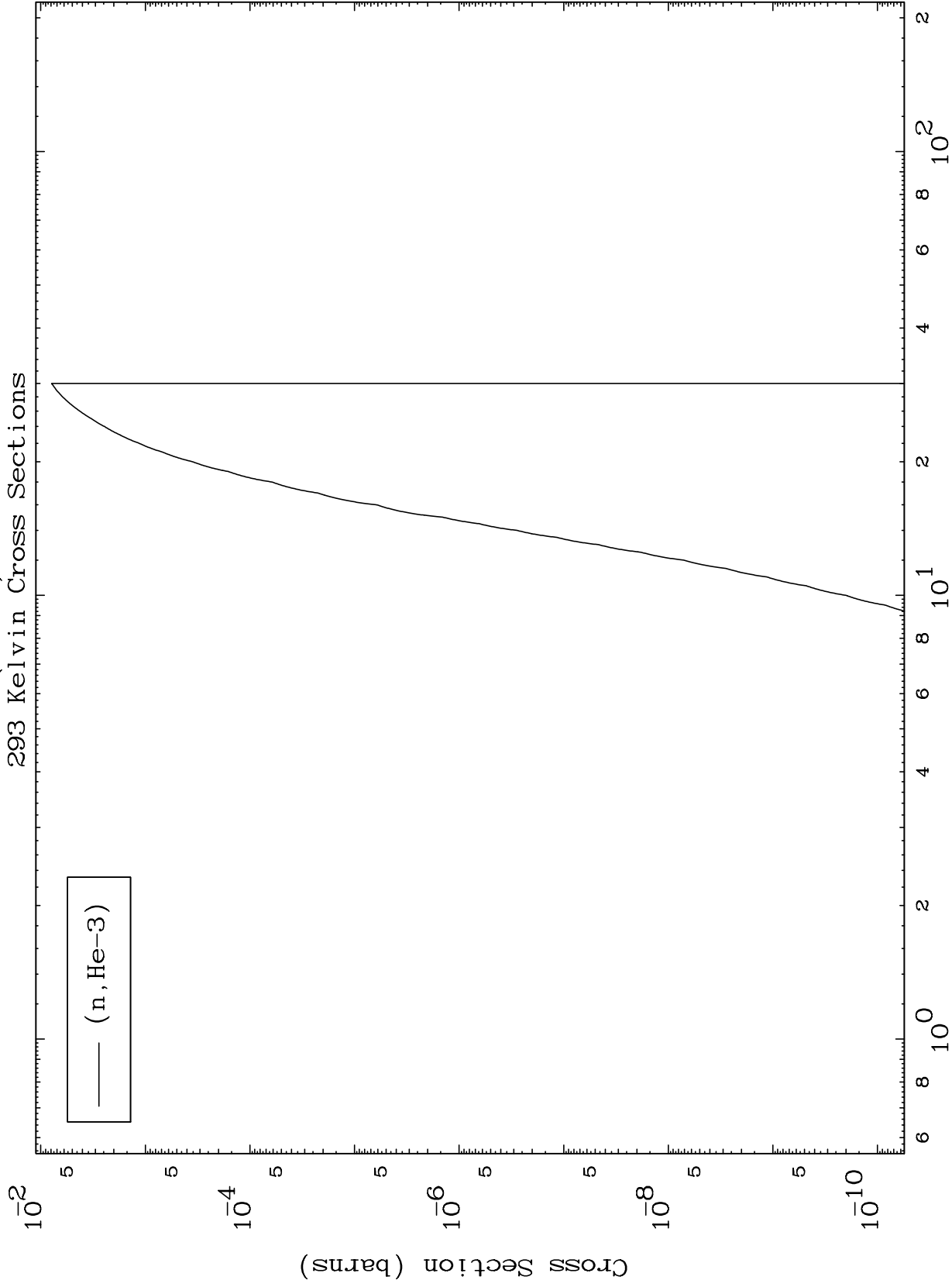
56-Ba-124

MAT 5607

(n,He3) Levels

56-Ba-124

293 Kelvin Cross Sections



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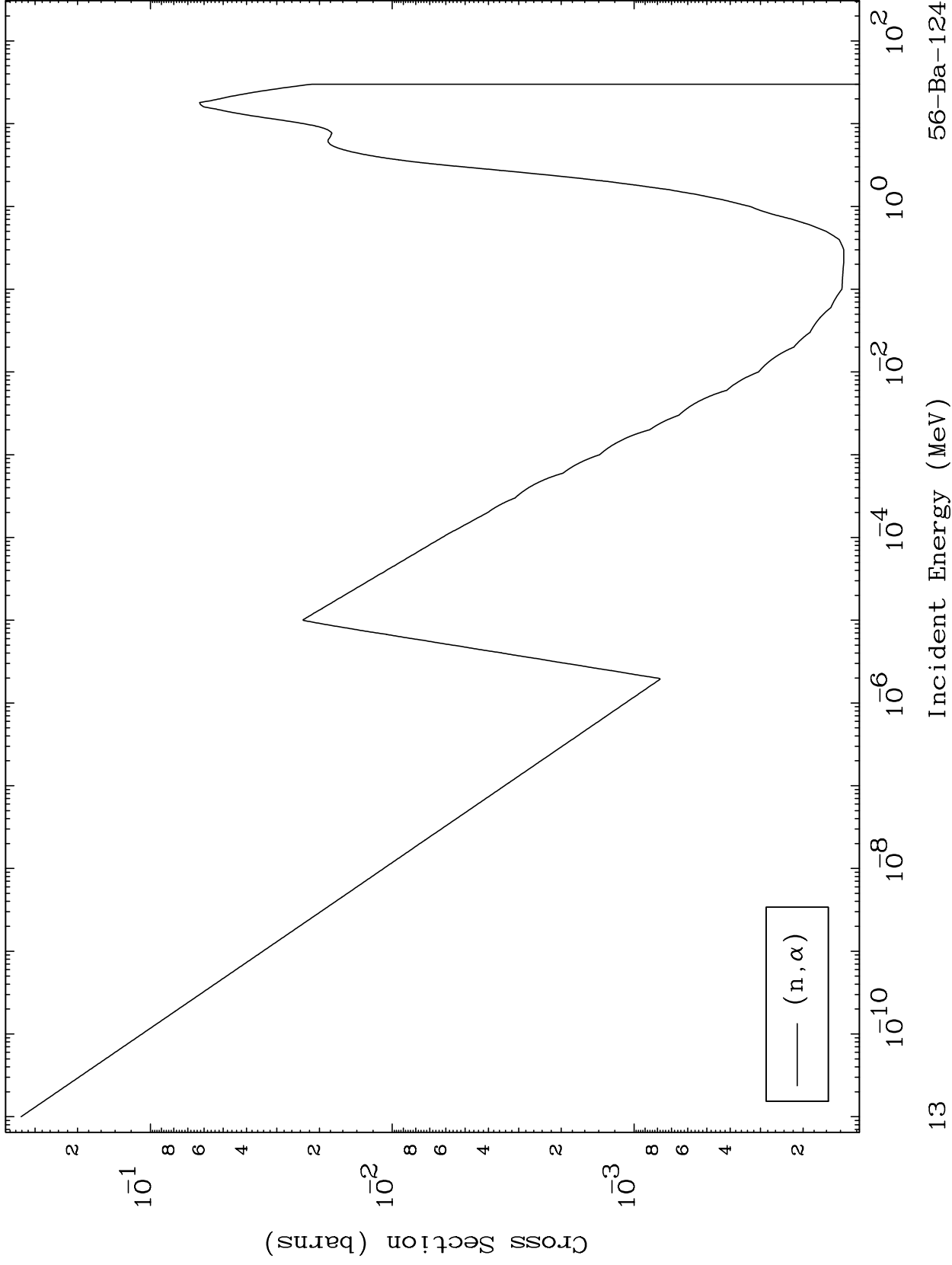
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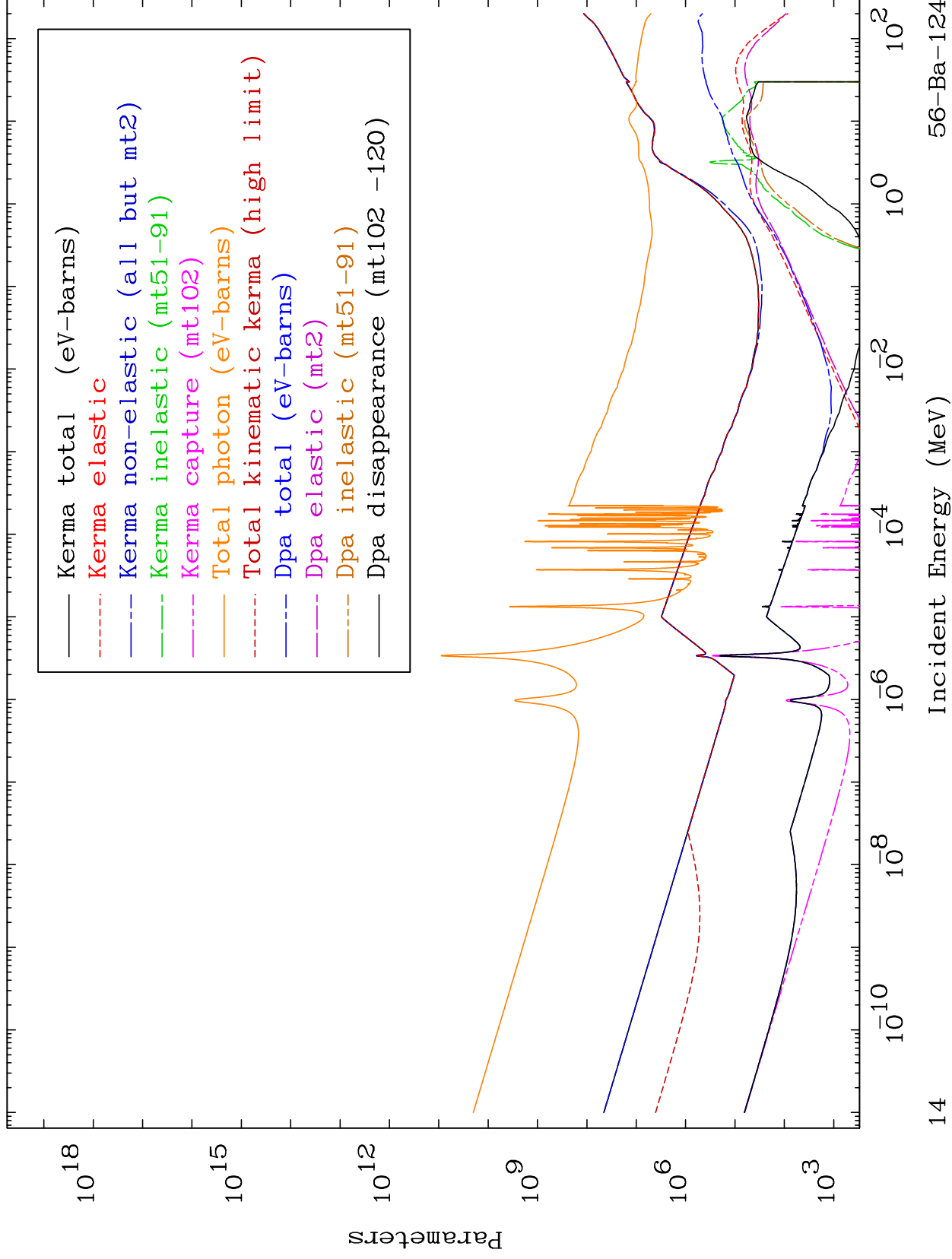
56-Ba-124

MAT 5607

(n,α) Levels  
293 Kelvin Cross Sections

56-Ba-124

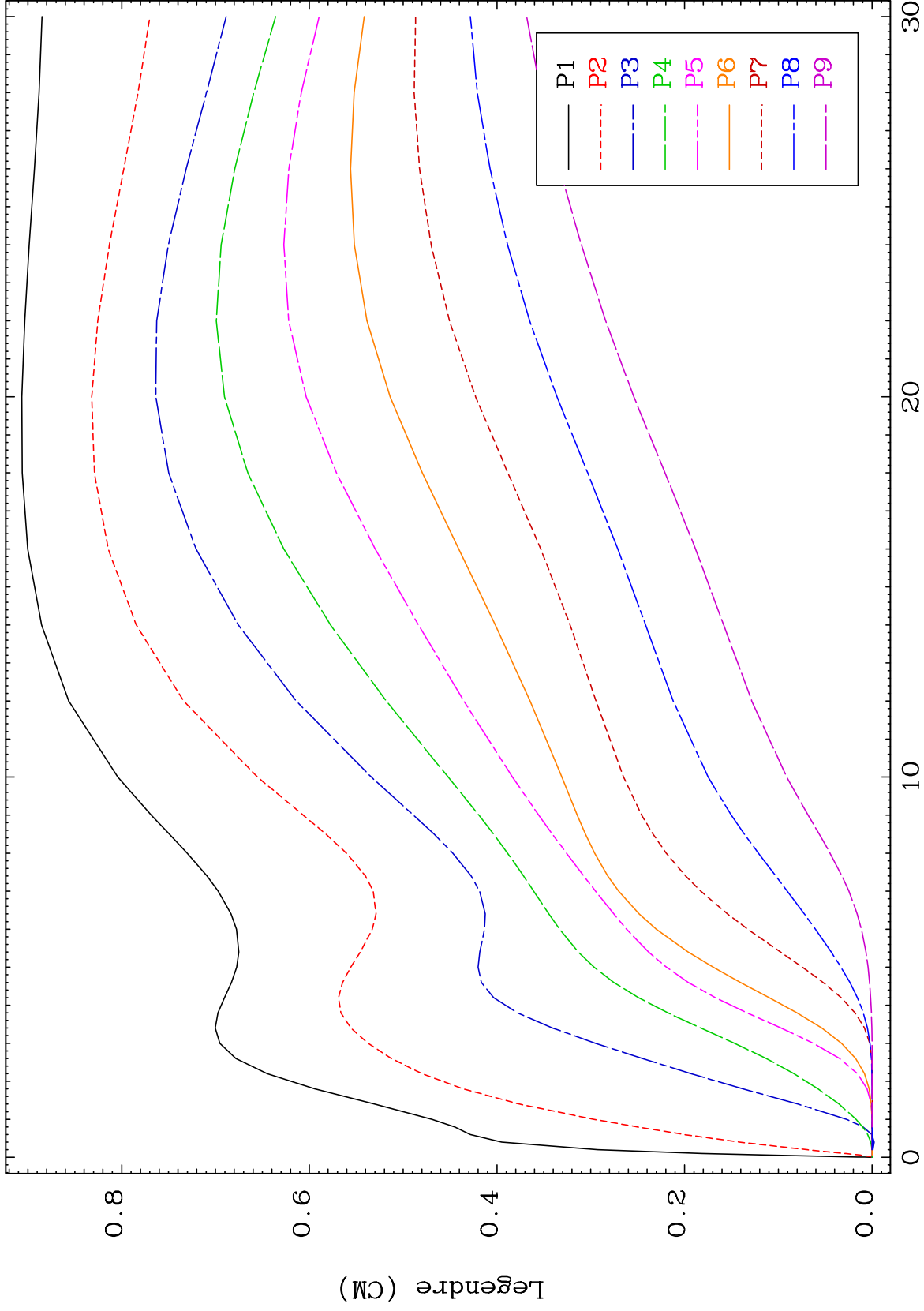




MAT 5607

Elastic Legendre Coefficients

56-Ba-124



0

10

20

30

Incident Energy (MeV)

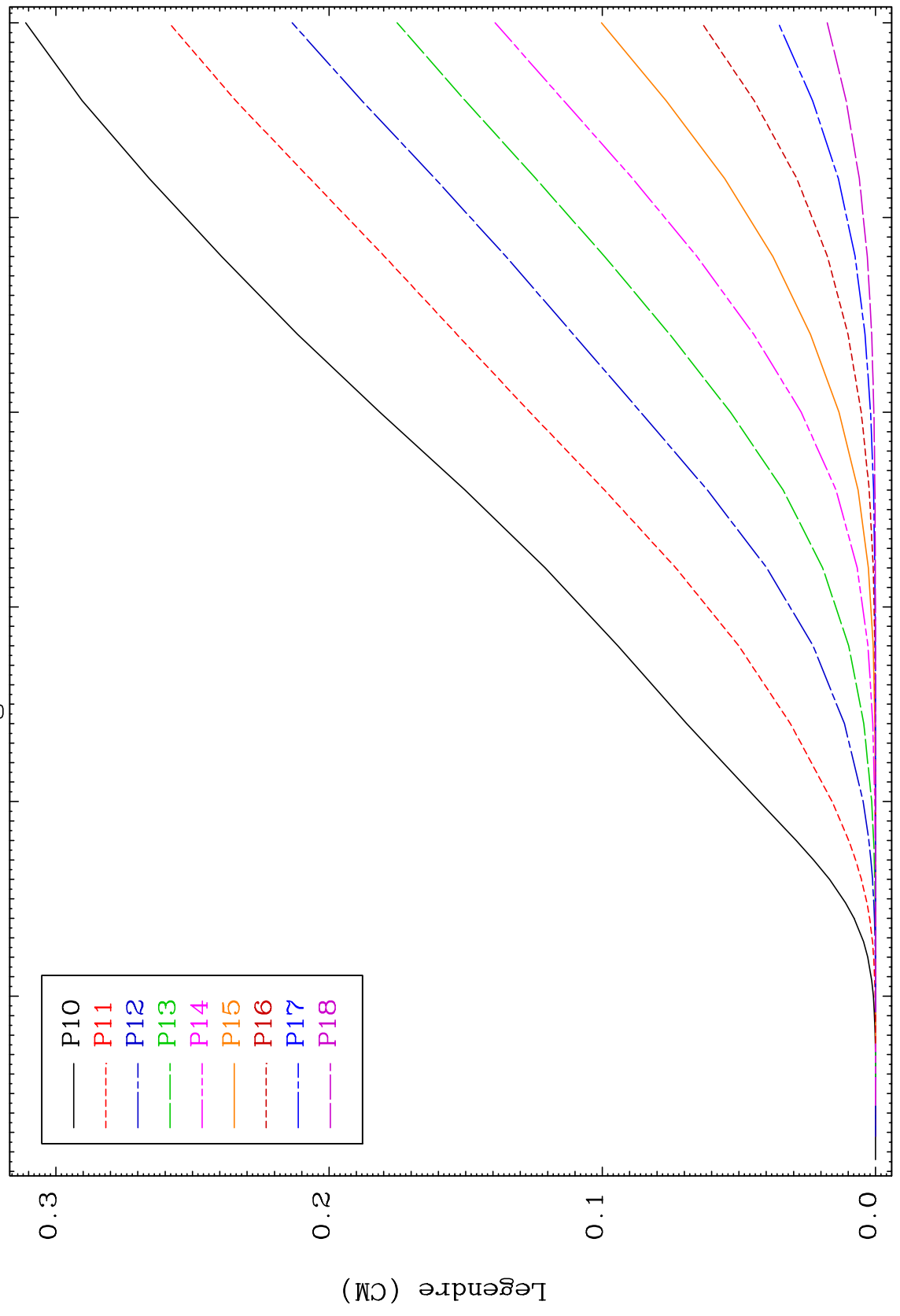
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MAT 5607

Elastic Legendre Coefficients

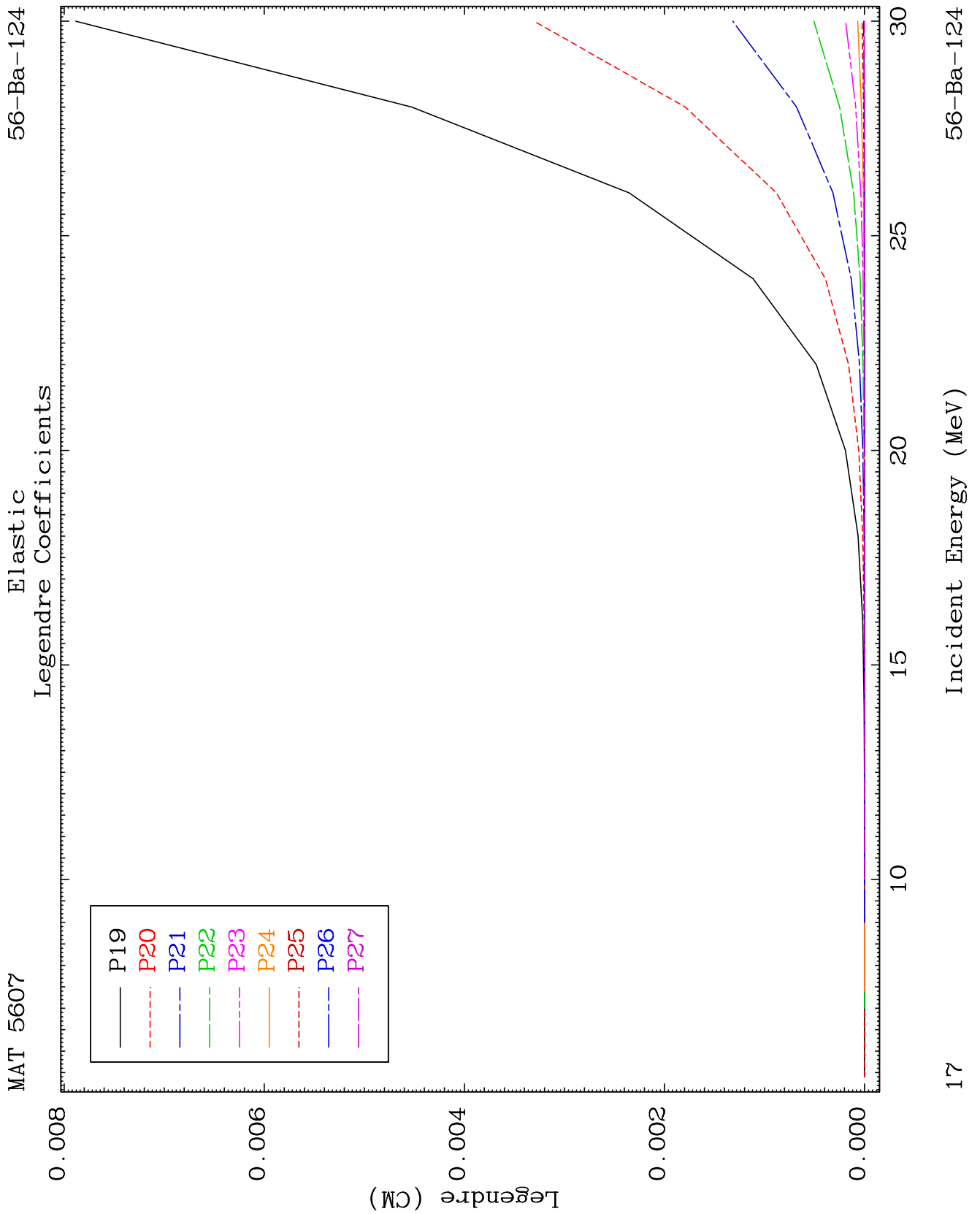
56-Ba-124



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Incident Energy (MeV)

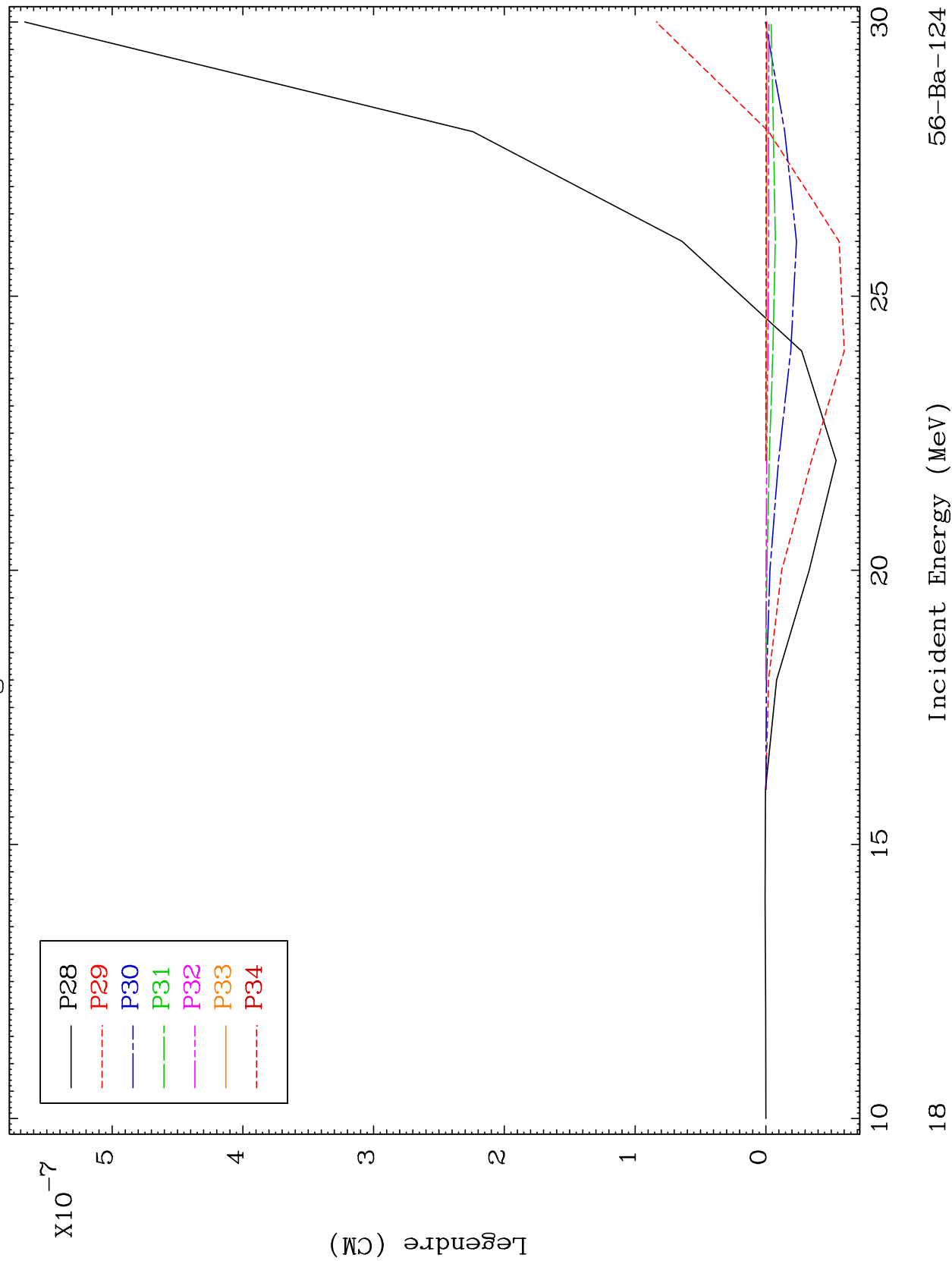
56-Ba-124



MAT 5607

Elastic Legendre Coefficients

56-Ba-124



18

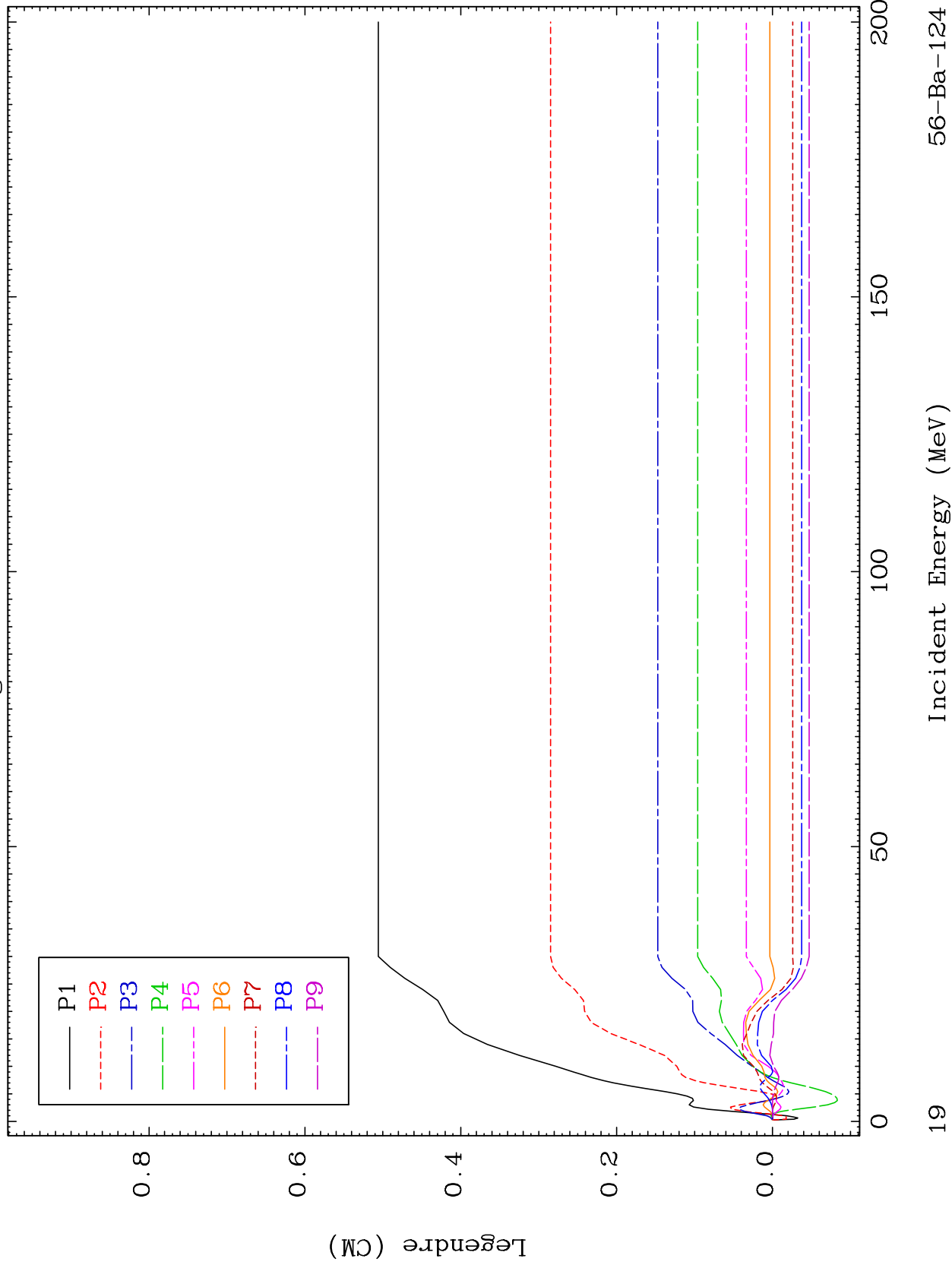
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

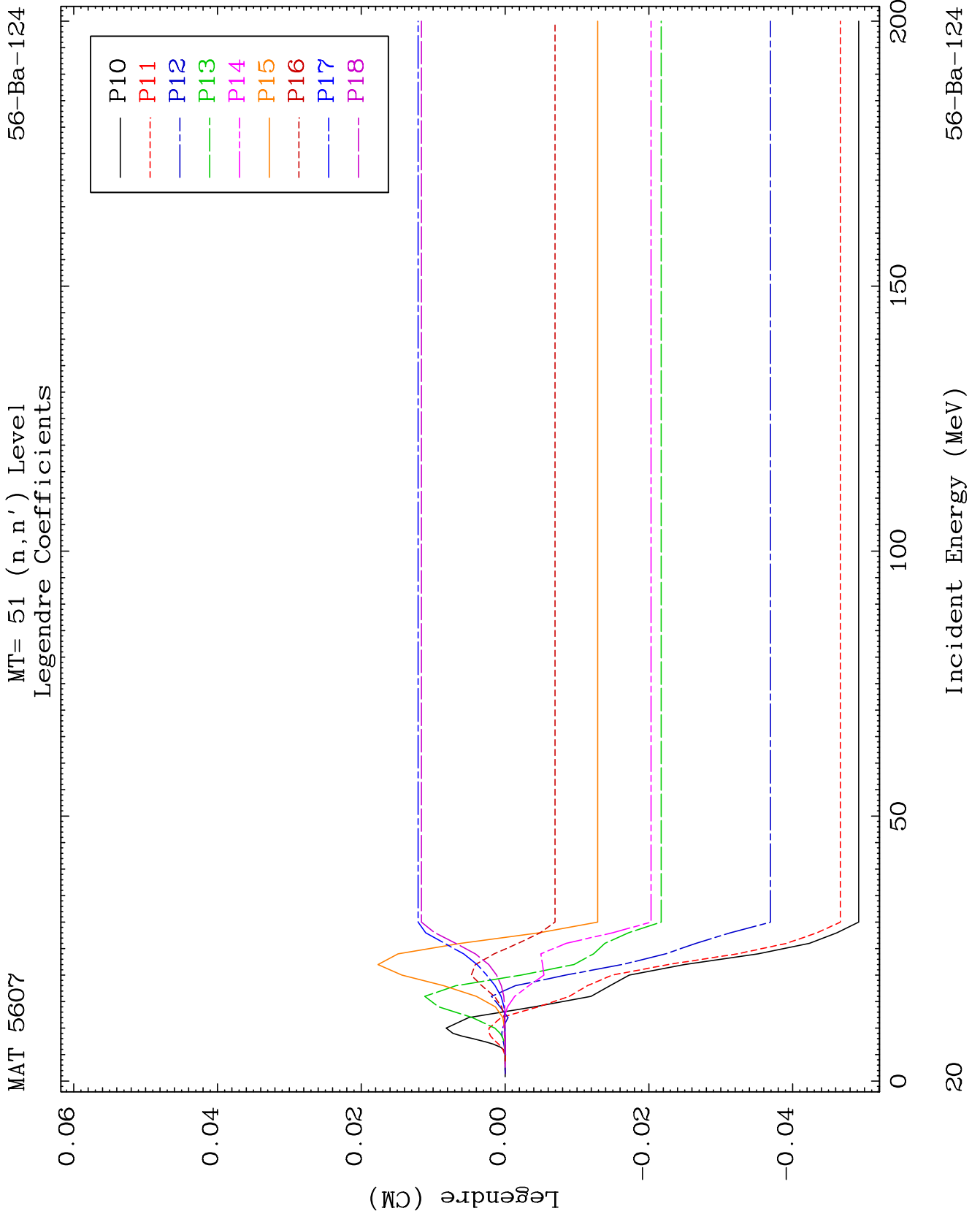
56-Ba-124



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Incident Energy (MeV)

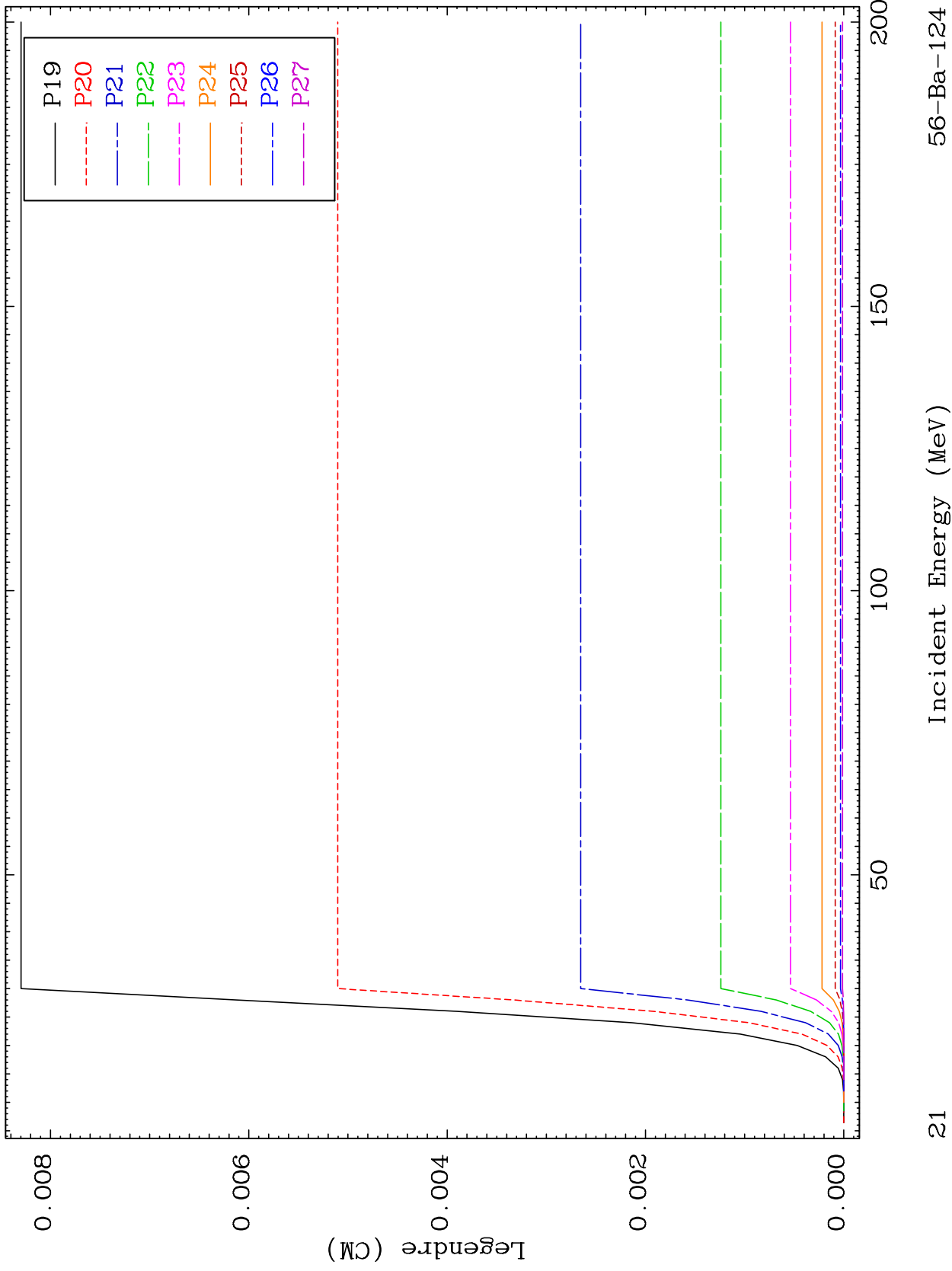
56-Ba-124



MAT 5607

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

56-Ba-124



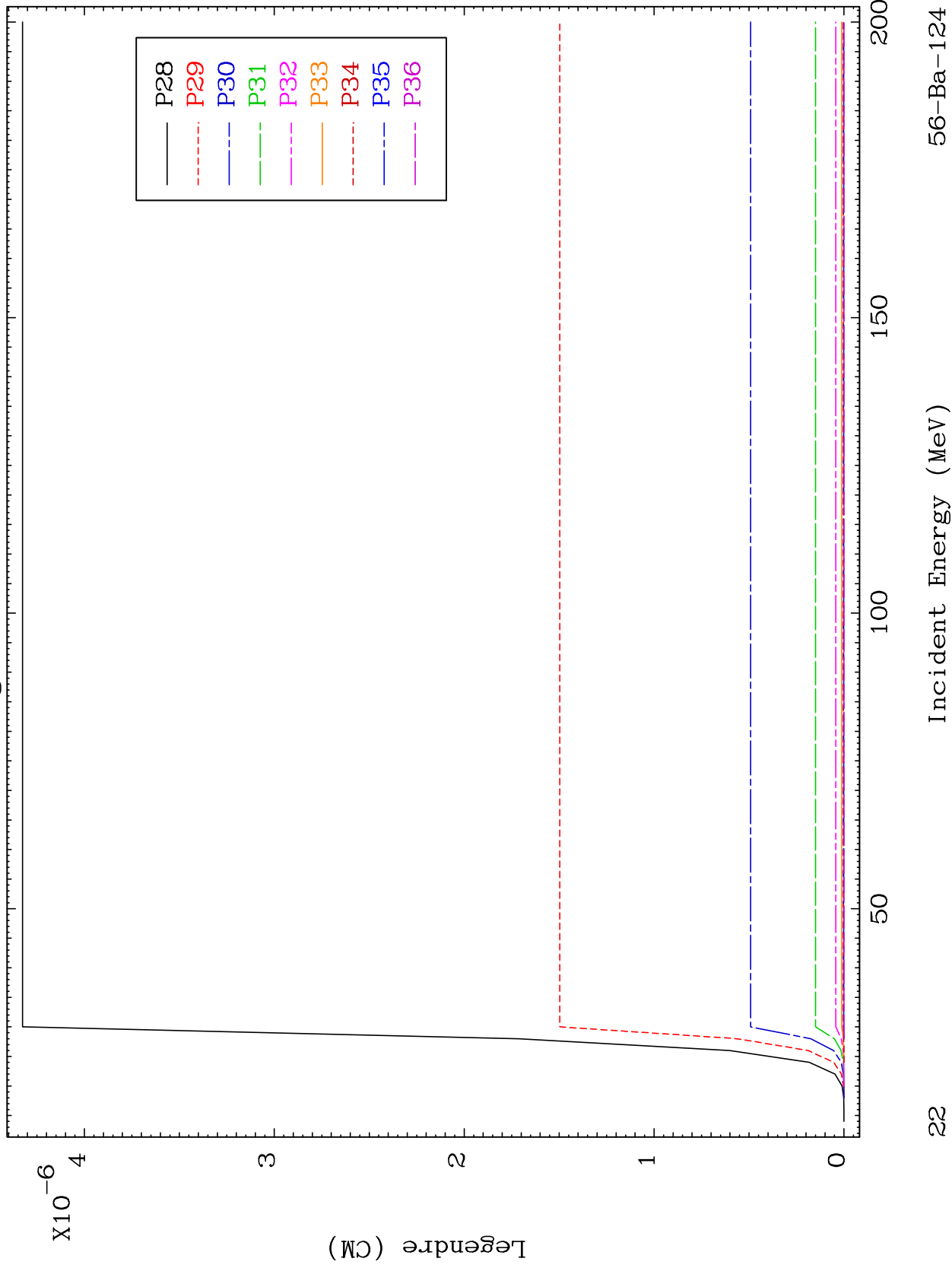
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56-Ba-124

MAT 5607

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

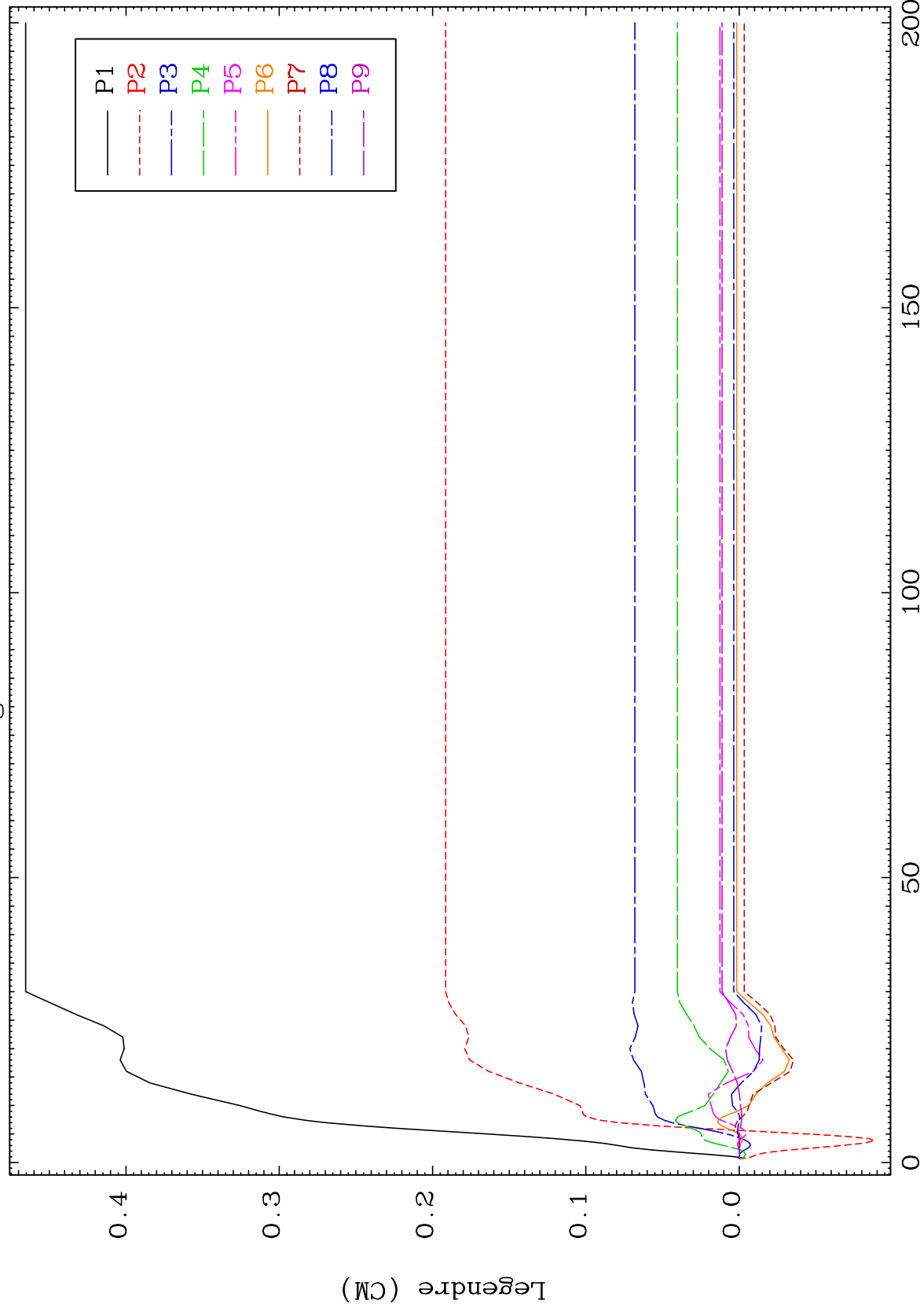
56-Ba-124



MAT 5607

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

56-Ba-124



23

Incident Energy (MeV)

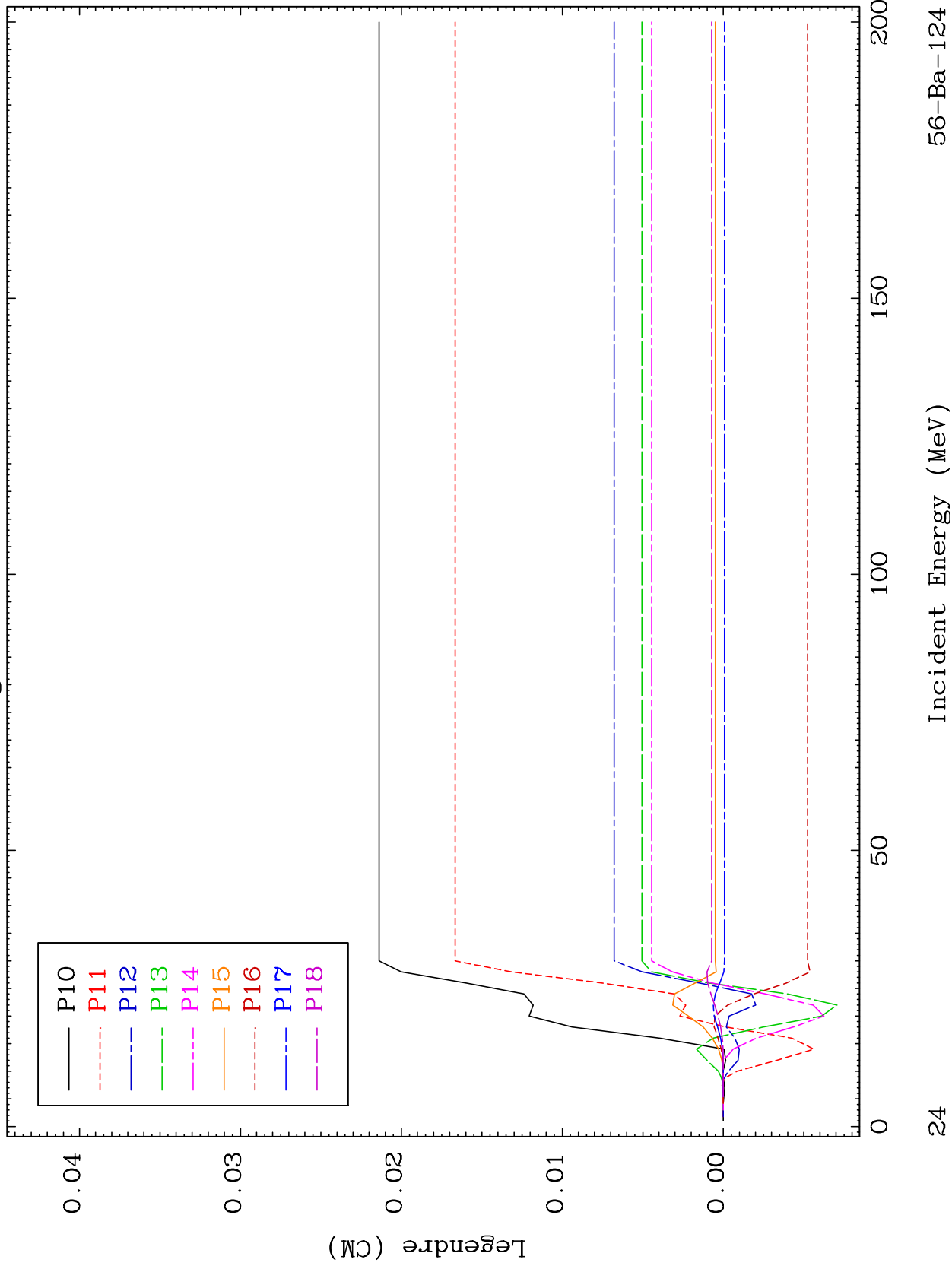
56-Ba-124



MAT 5607

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

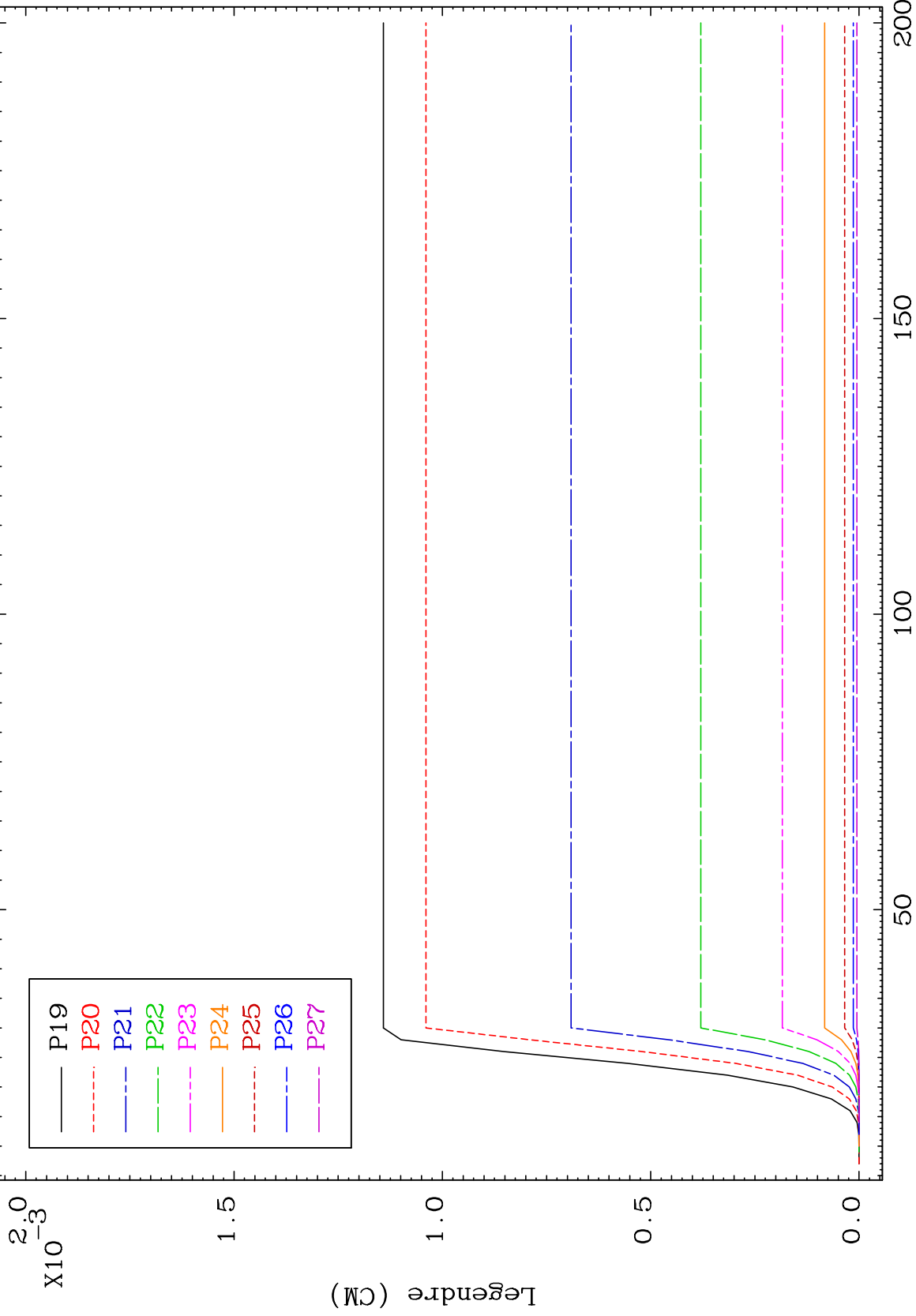
56-Ba-124



MAT 5607

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

56-Ba-124



25

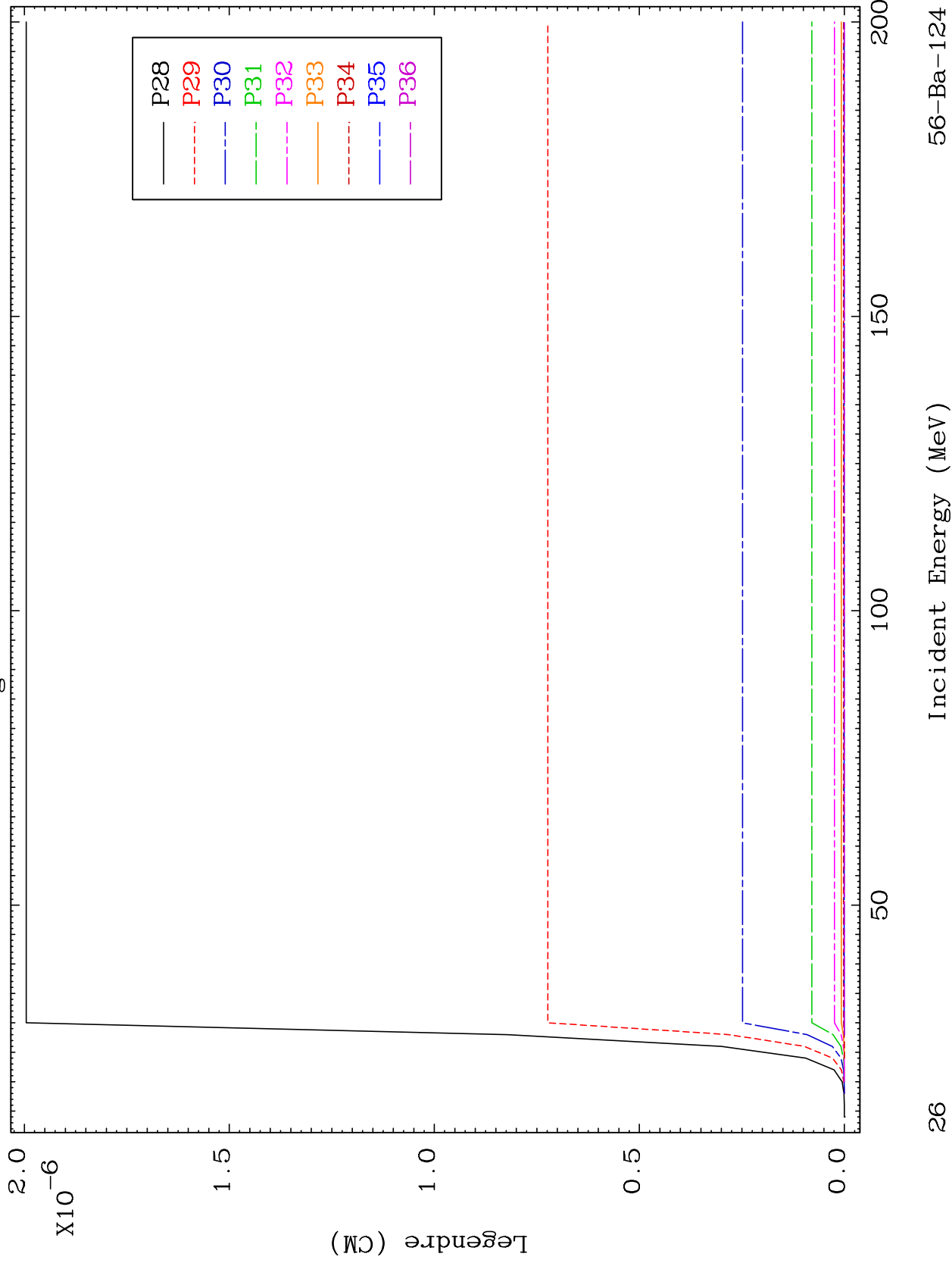
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



26

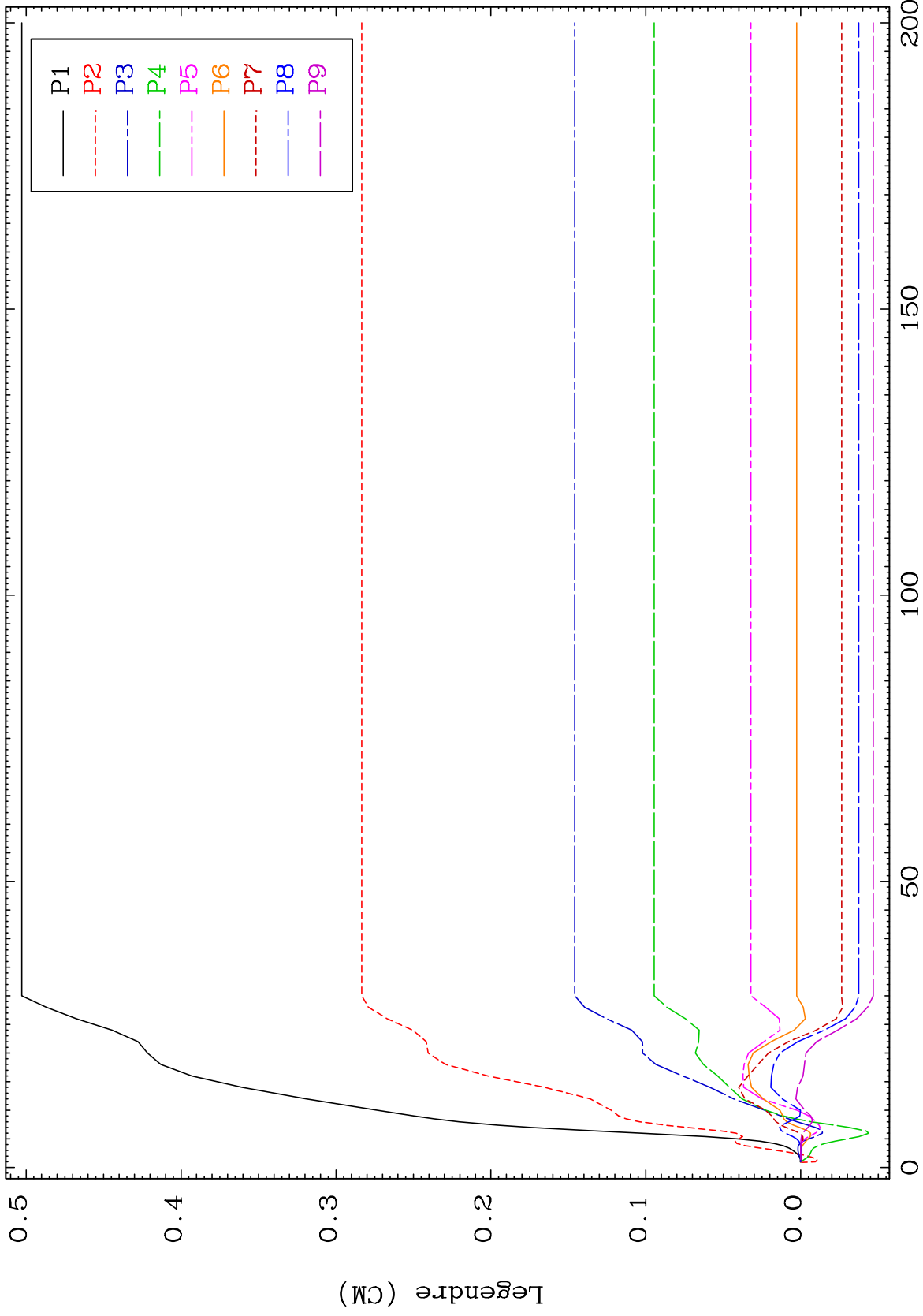
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



27

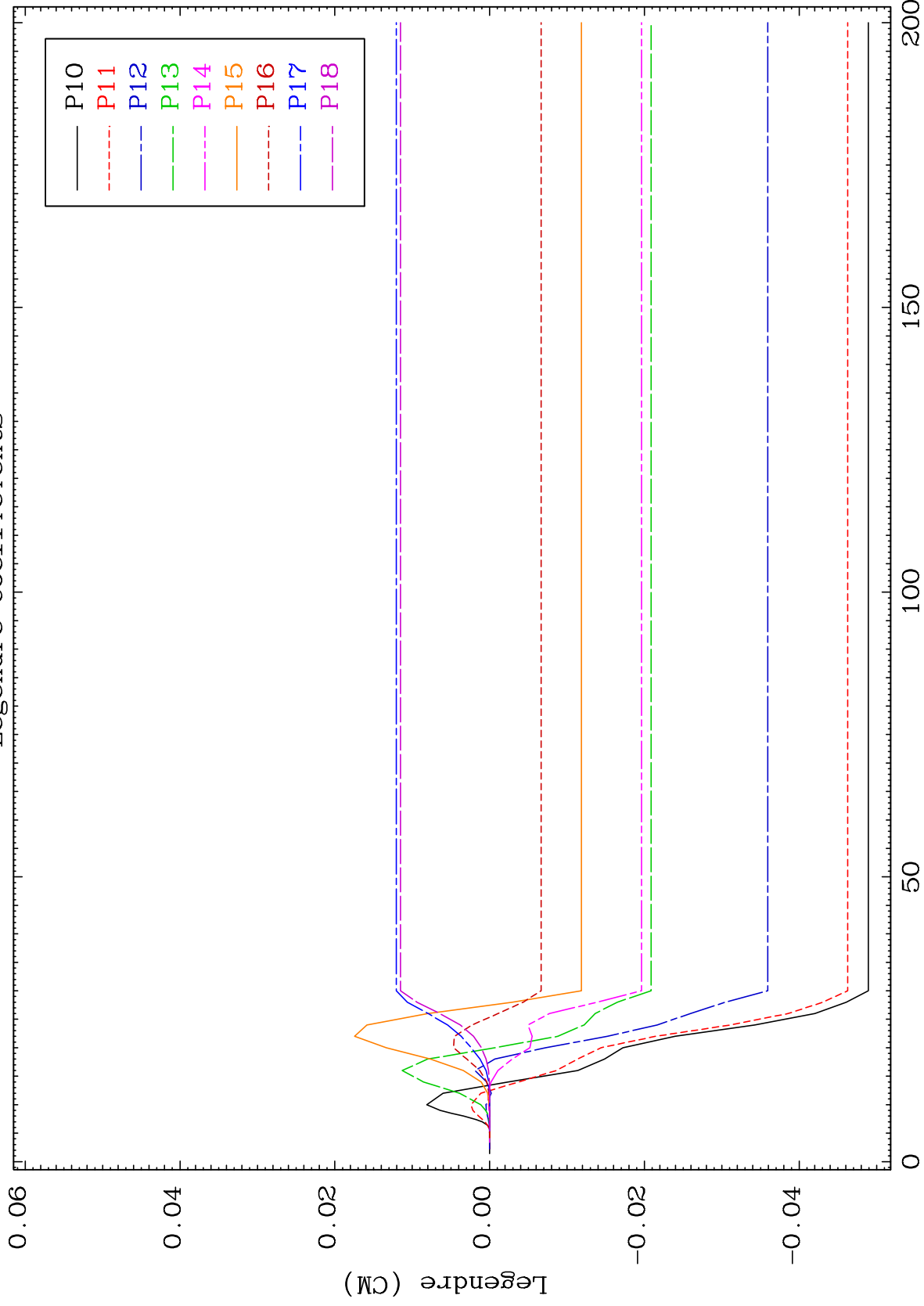
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



28

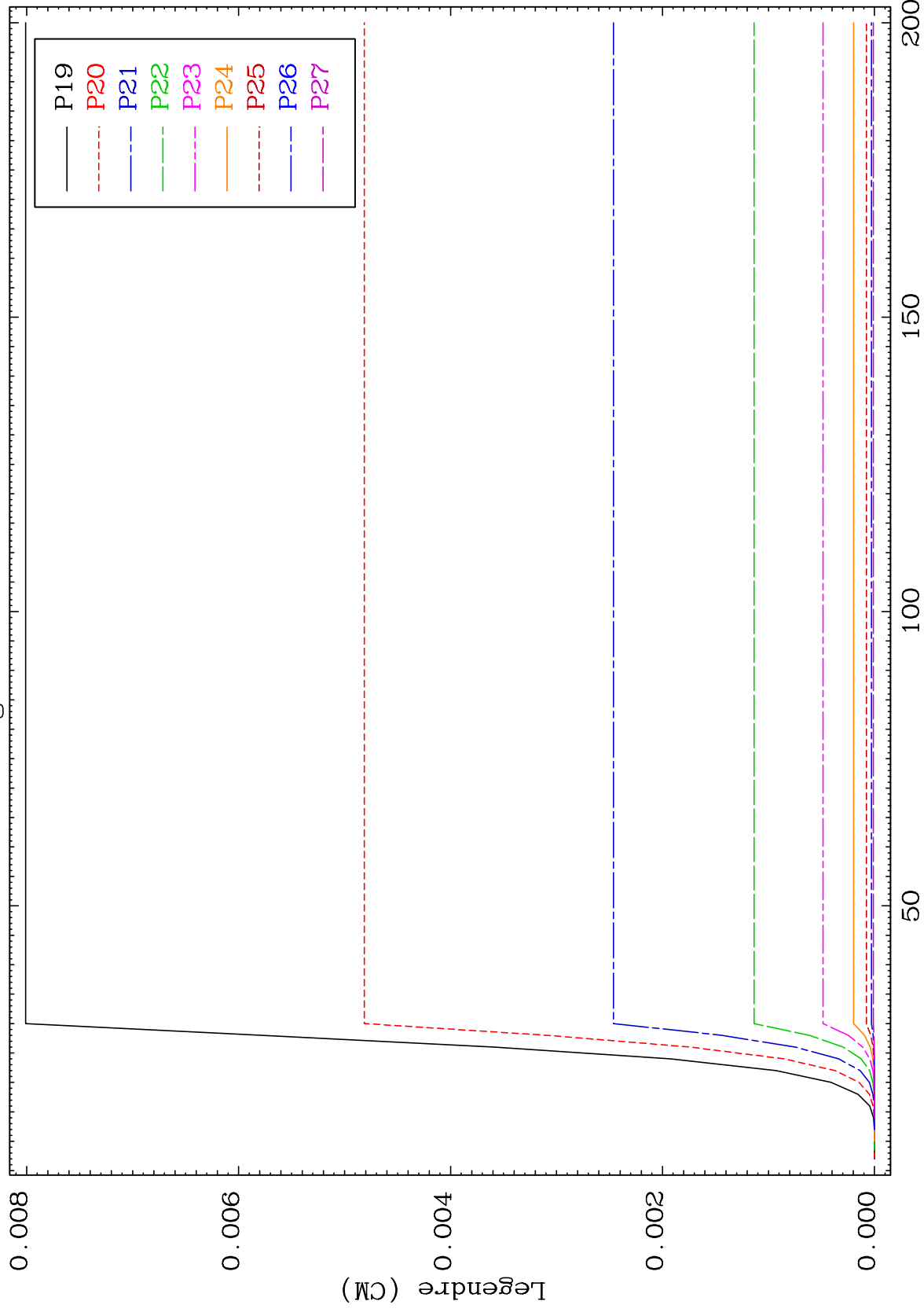
56-Ba-124

56-Ba-124

MAT 5607

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

56-Ba-124



29

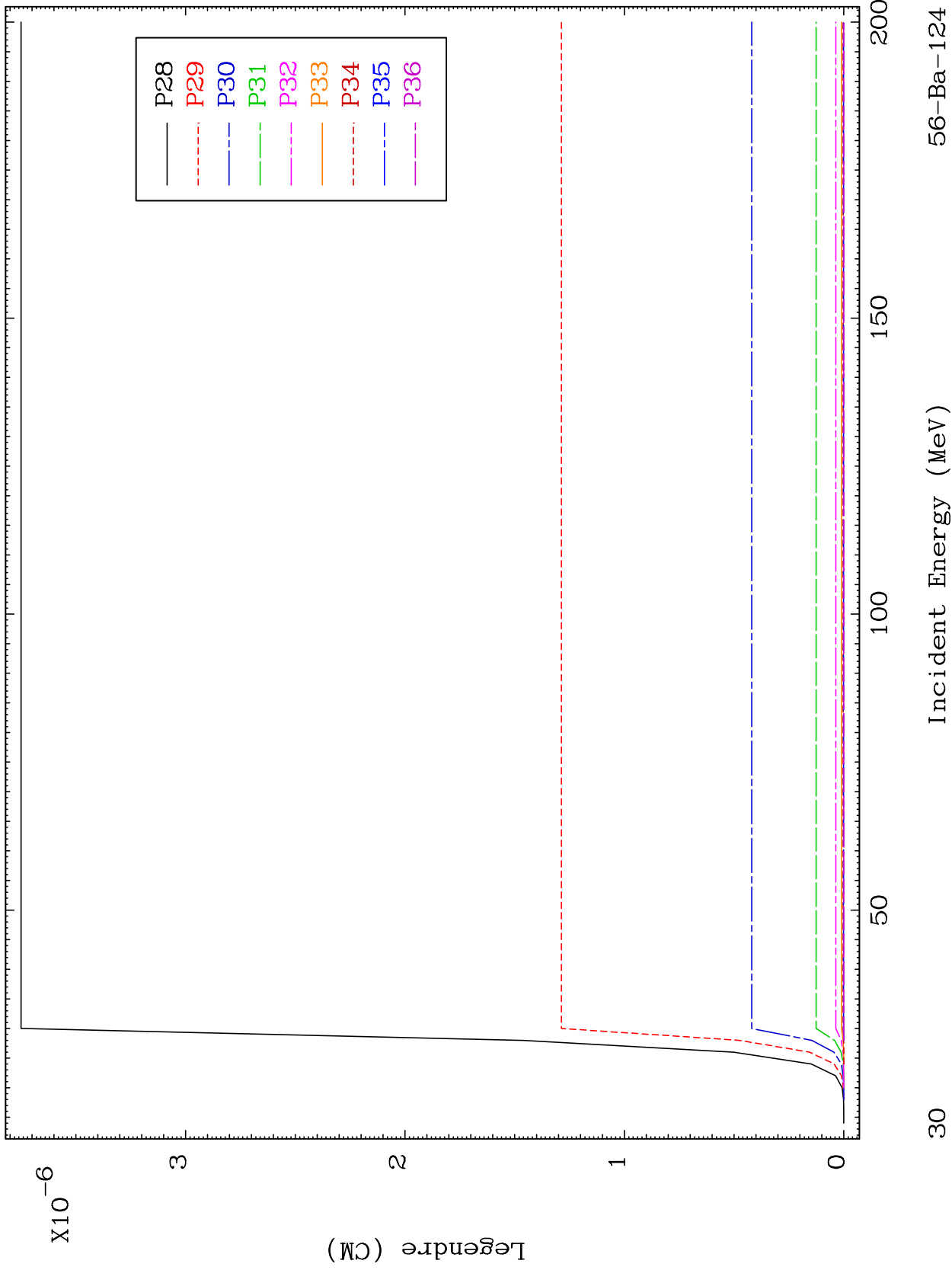
Incident Energy (MeV)

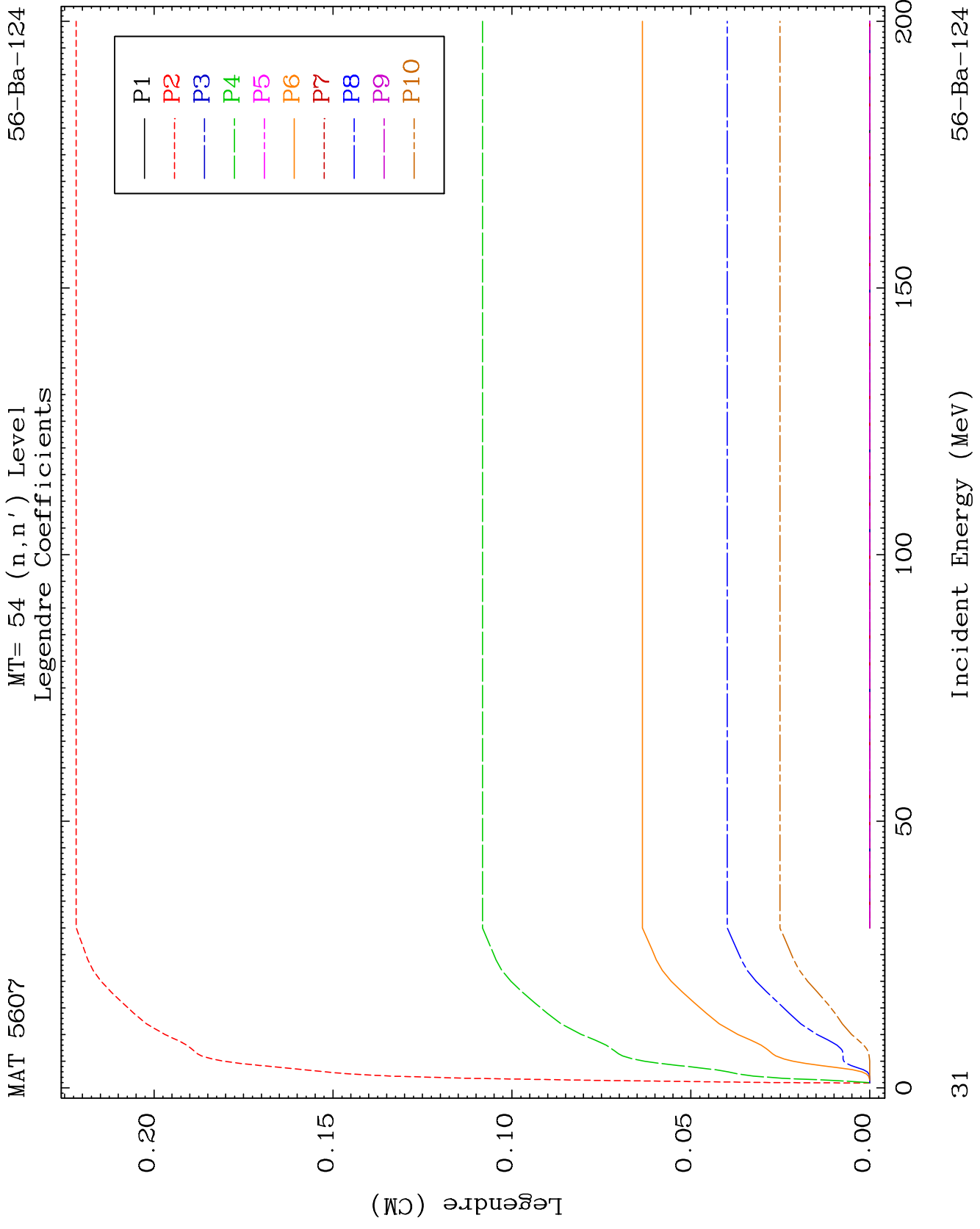
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MAT 5607

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

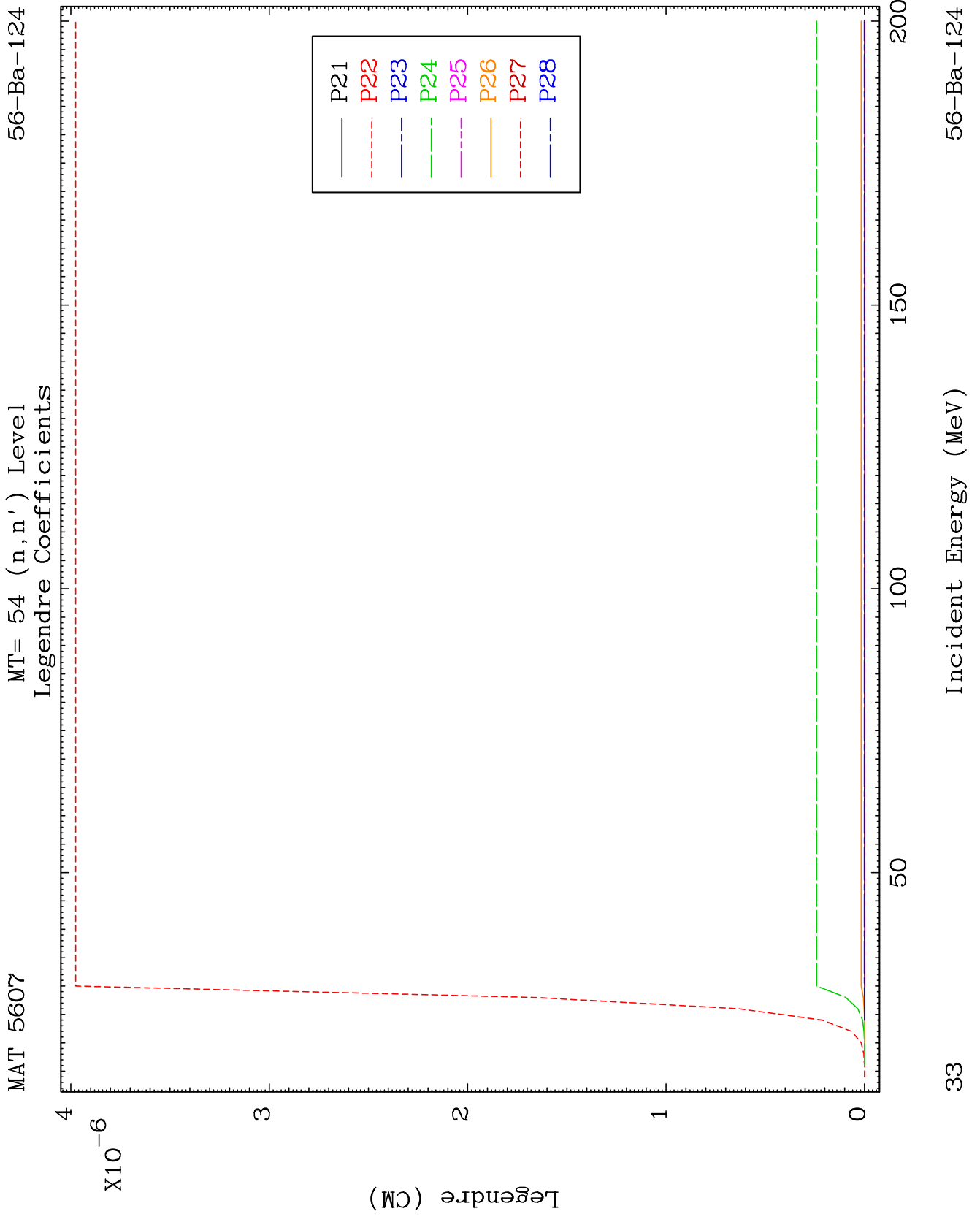
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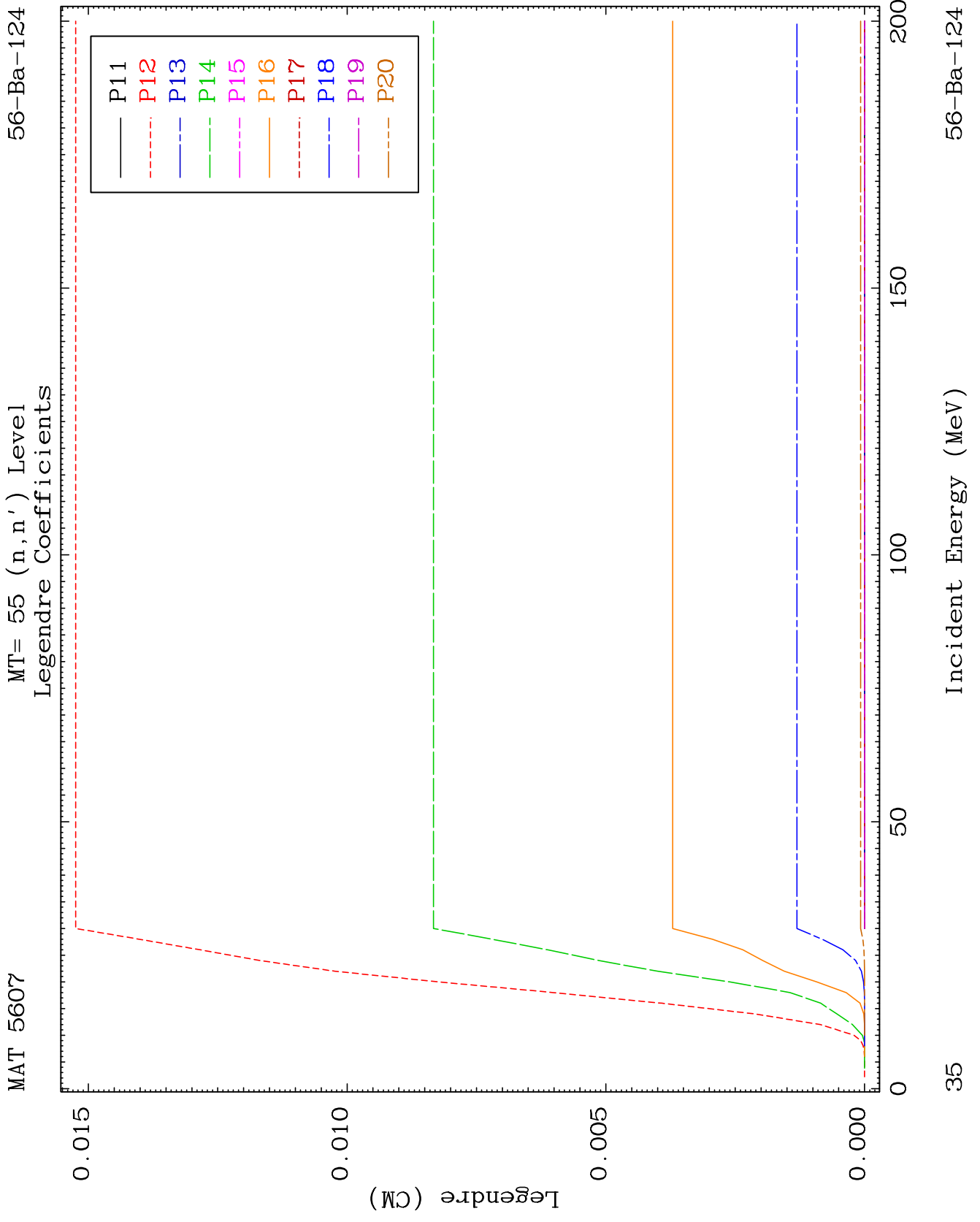


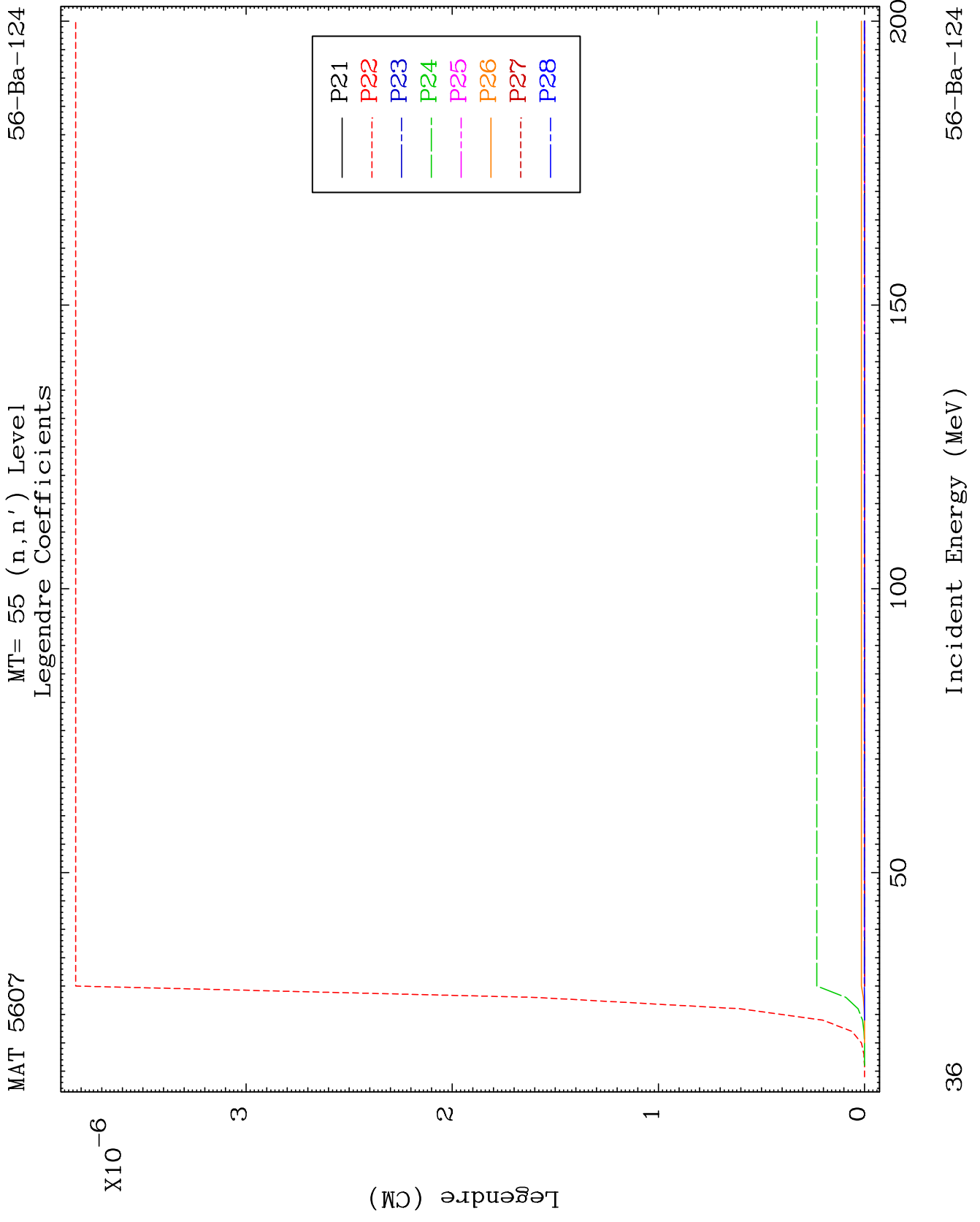










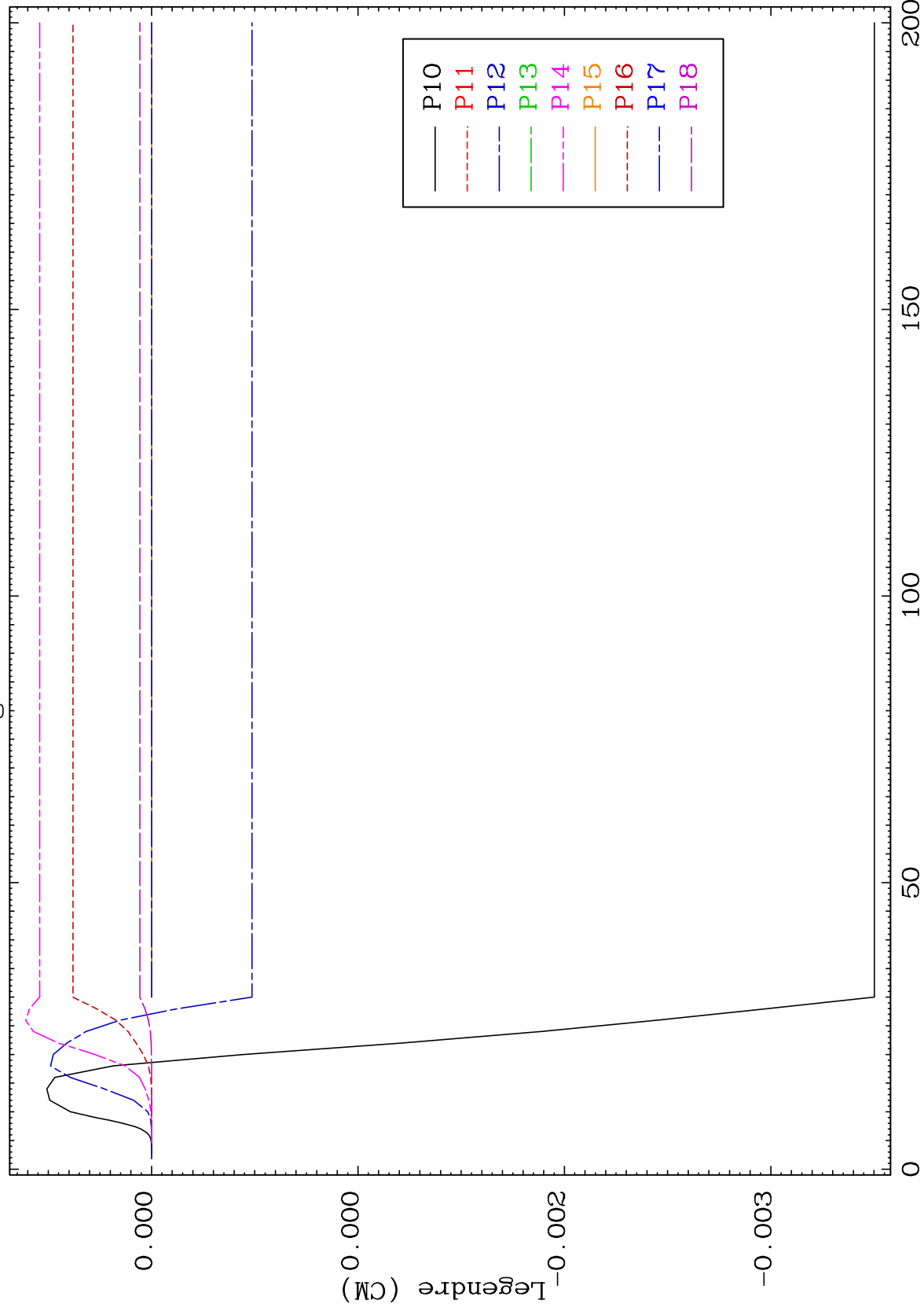




MAT 5607

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

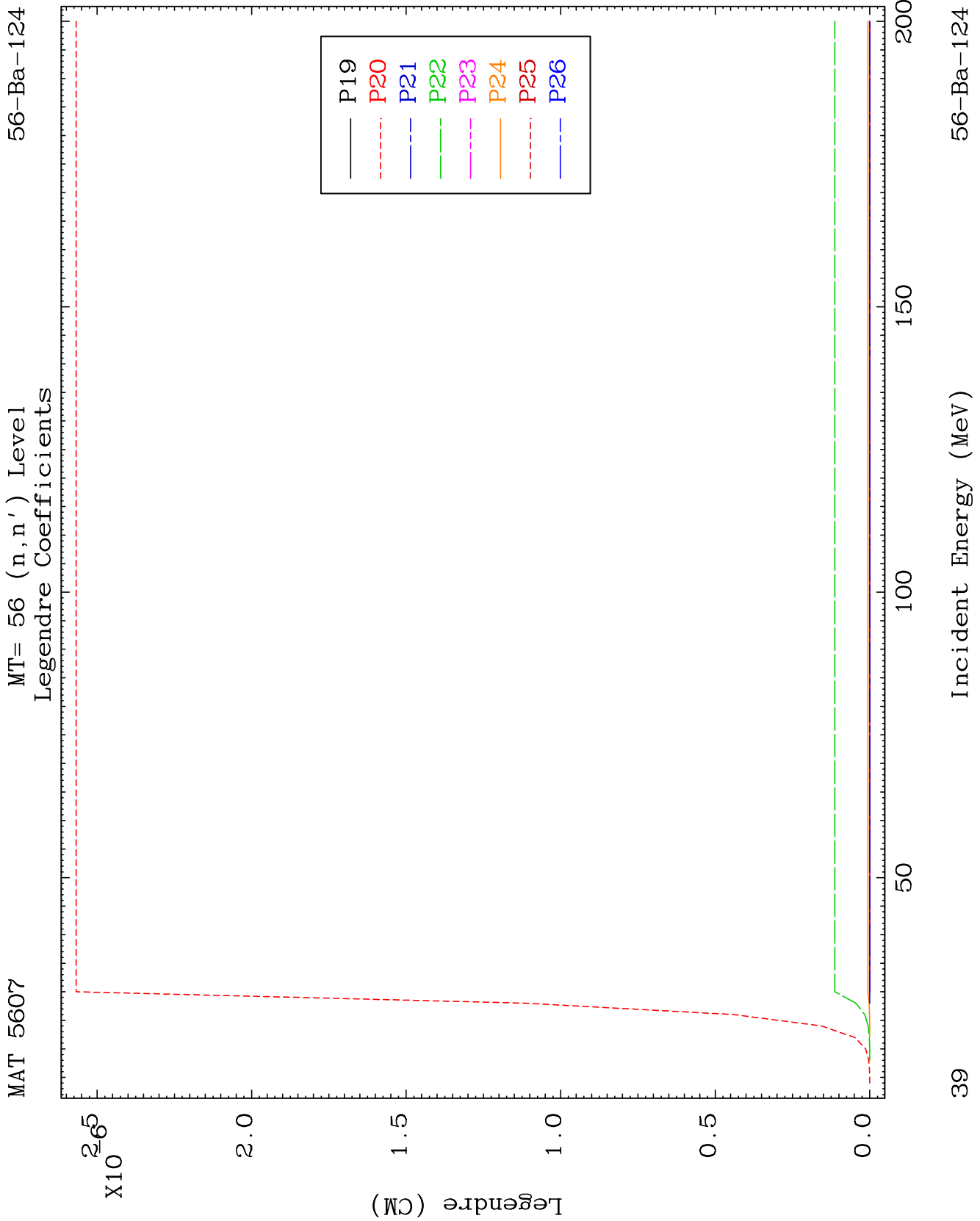
56-Ba-124



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Incident Energy (MeV)

56-Ba-124



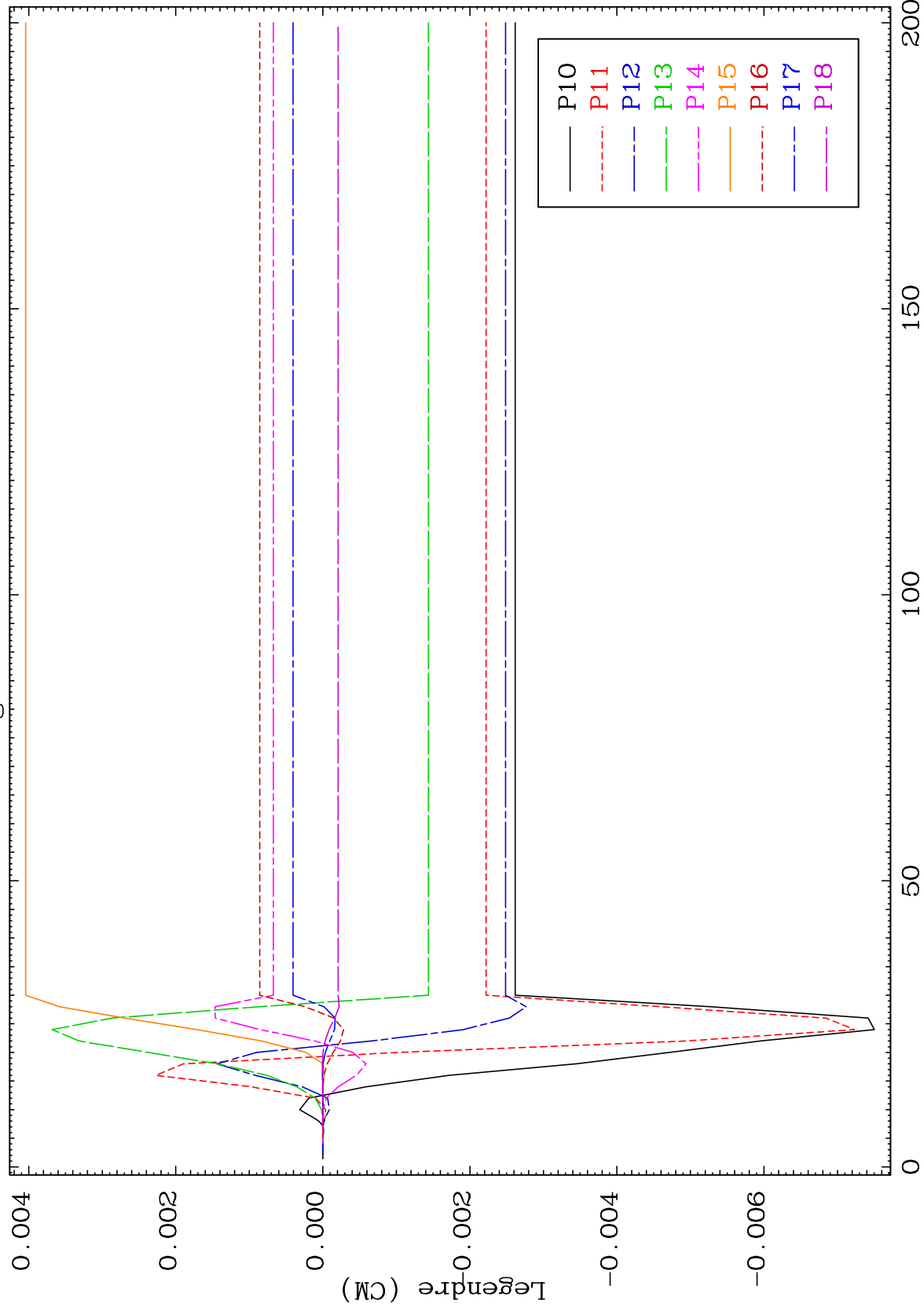




MAT 5607

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

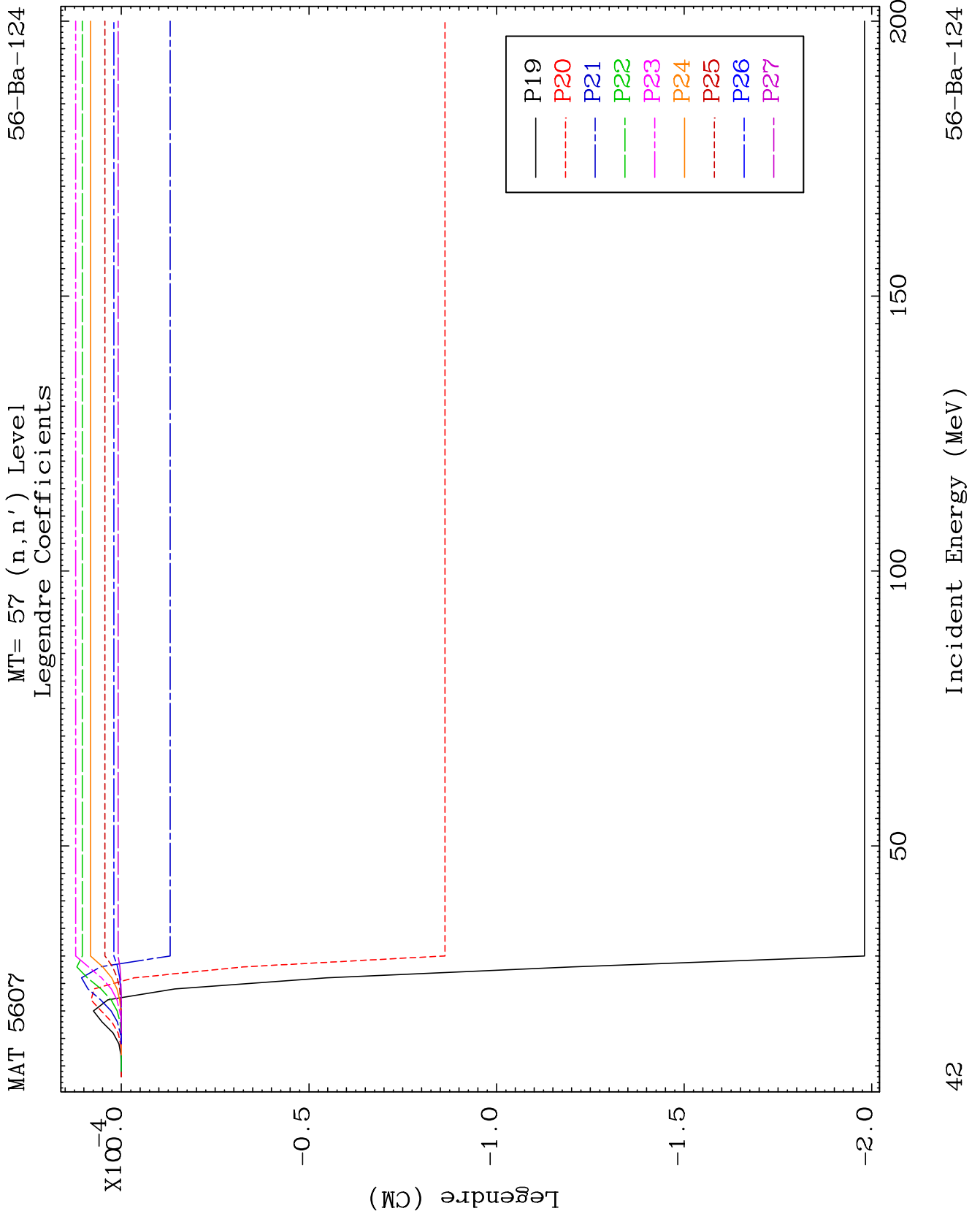
56-Ba-124



41

Incident Energy (MeV)

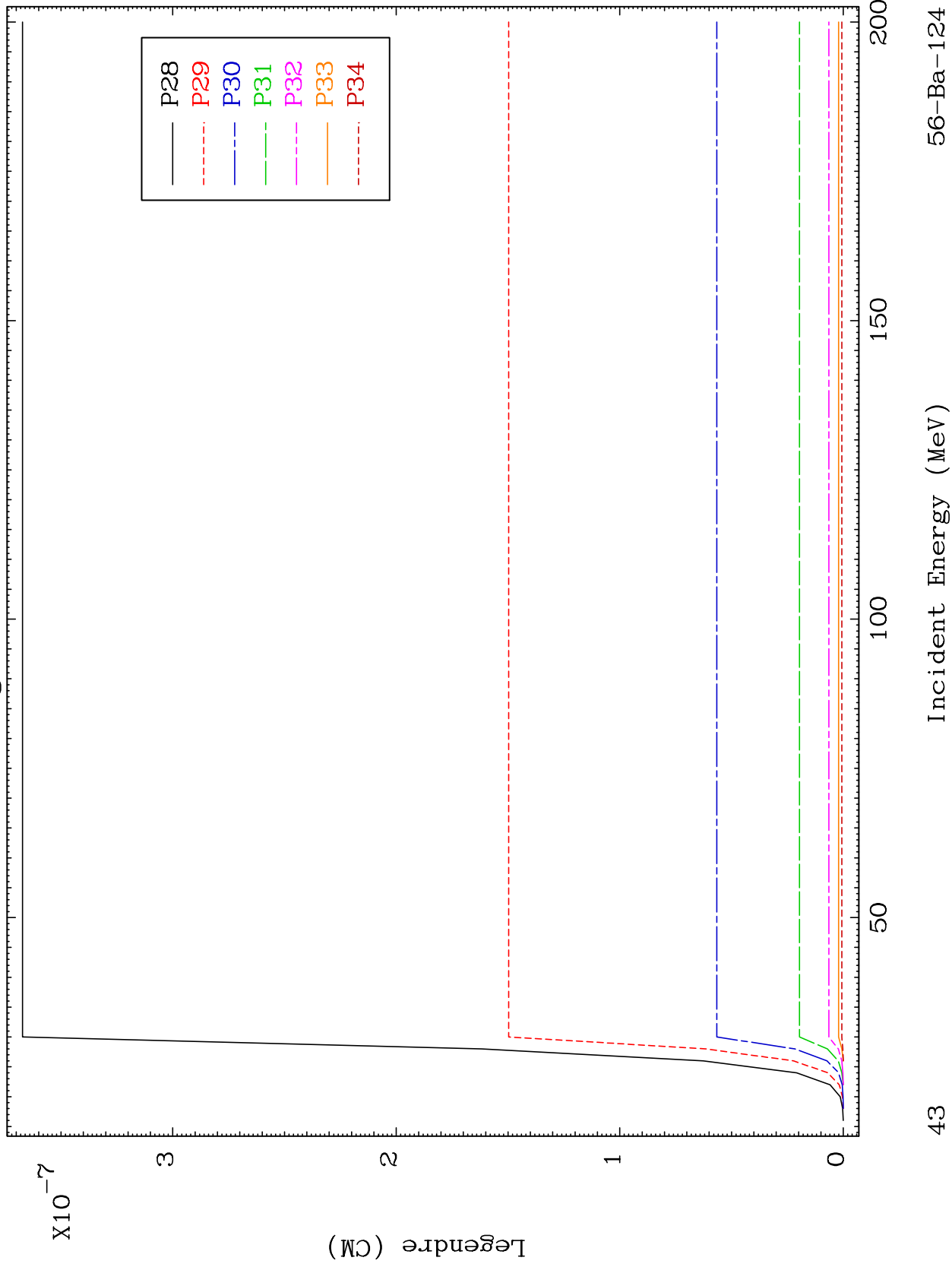
56-Ba-124



MAT 5607

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

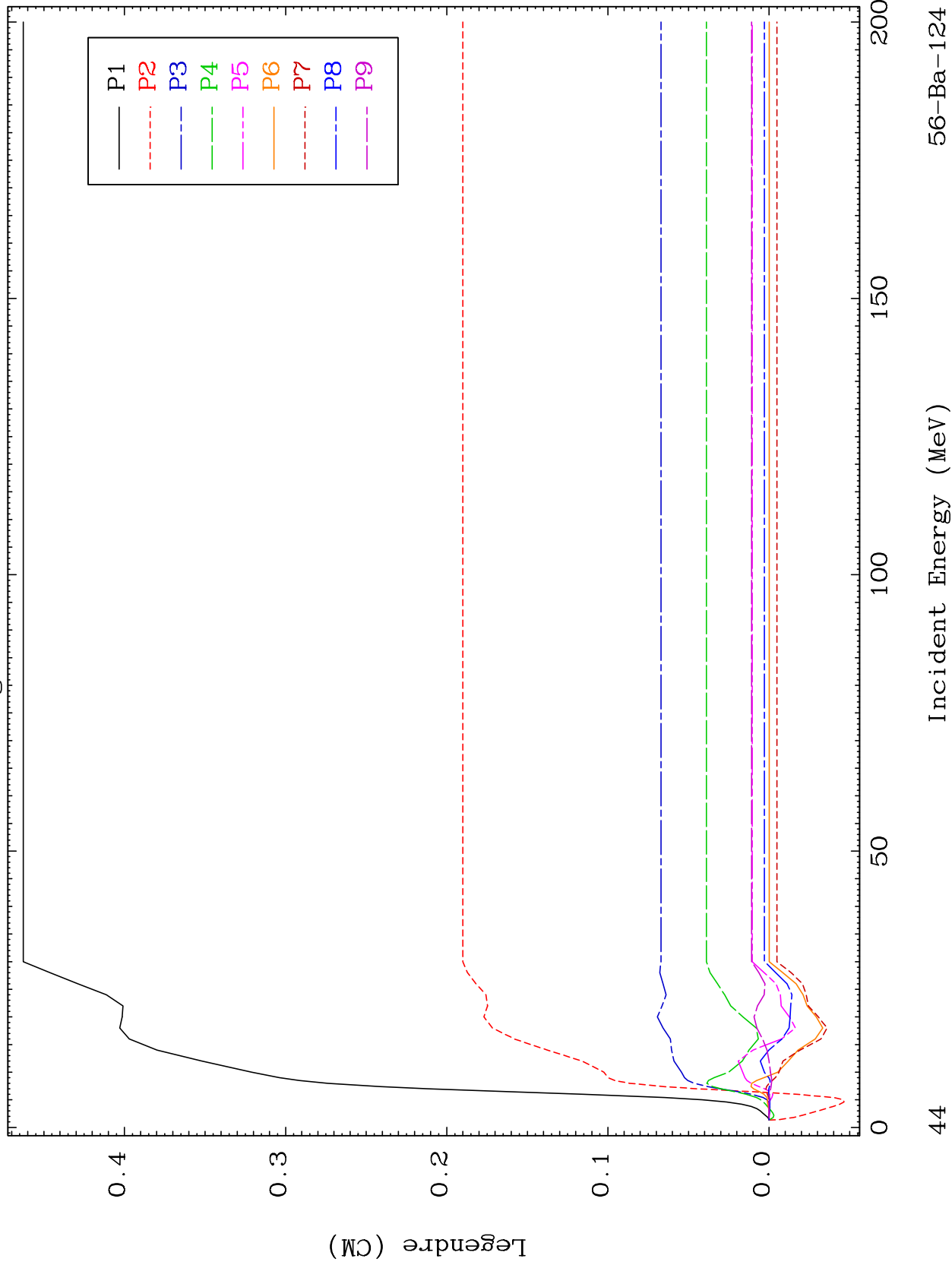
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

Incident Energy (MeV)

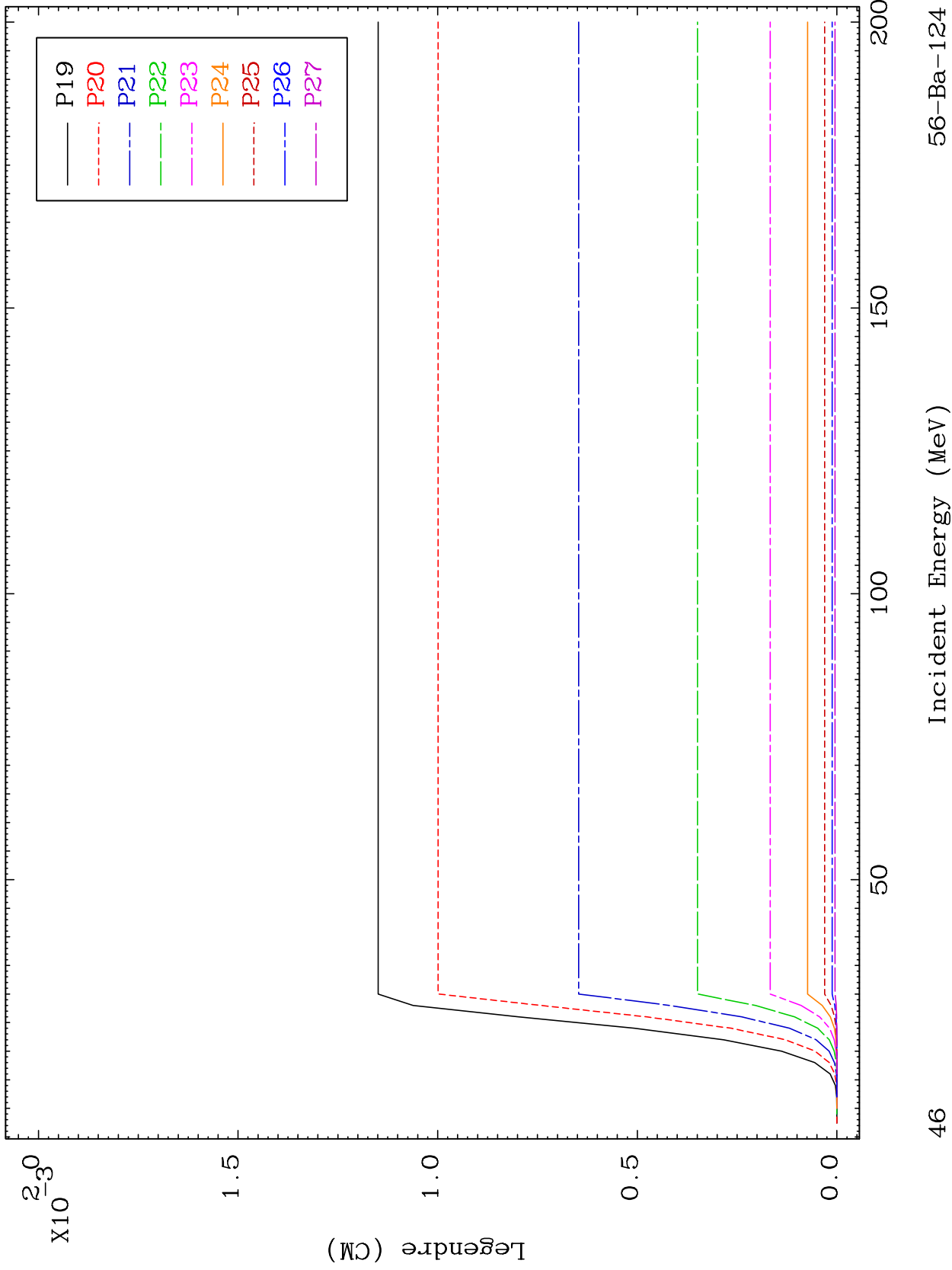
44



MAT 5607

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

56-Ba-124



46

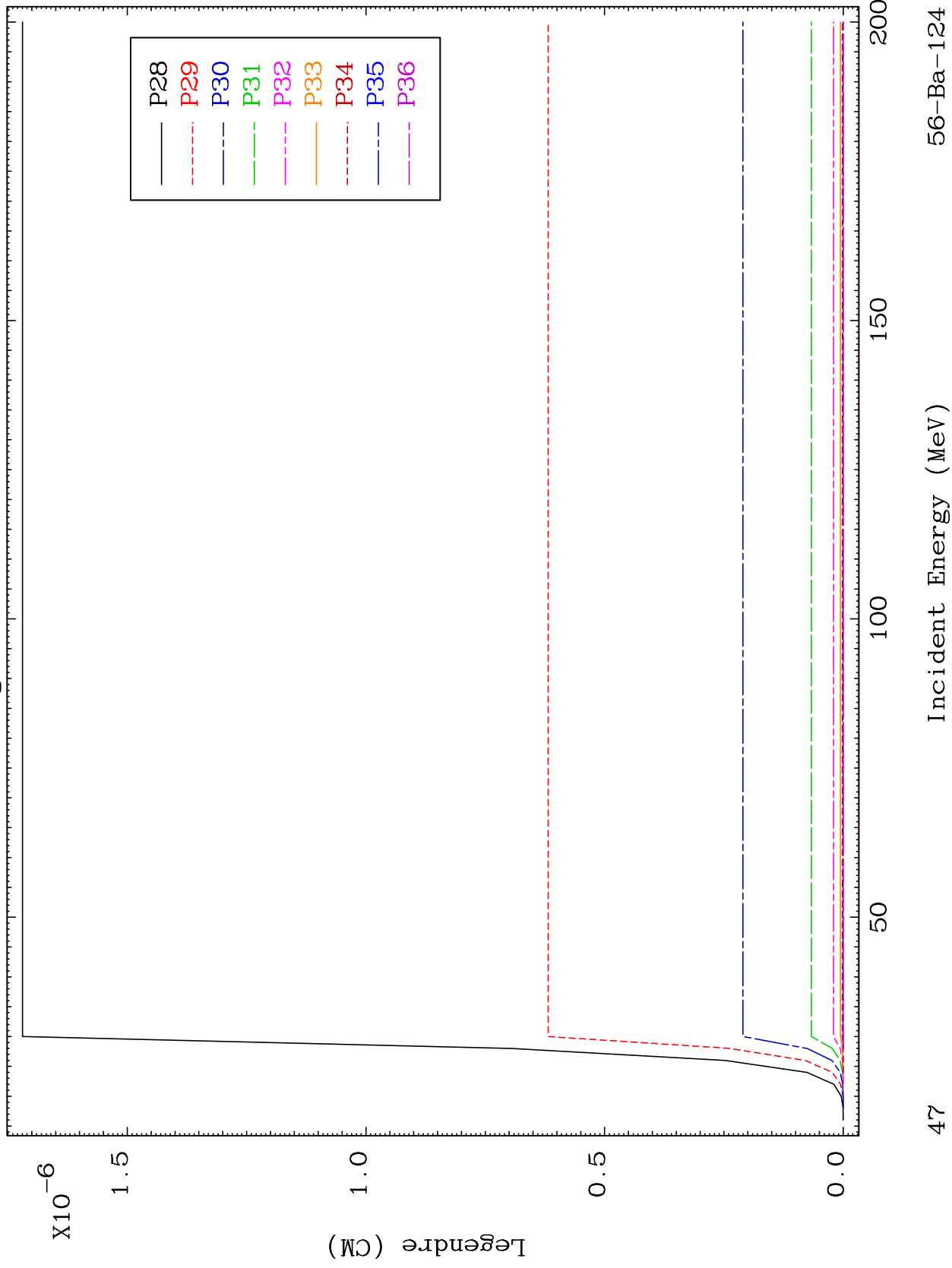
Incident Energy (MeV)

56-Ba-124

MAT 5607

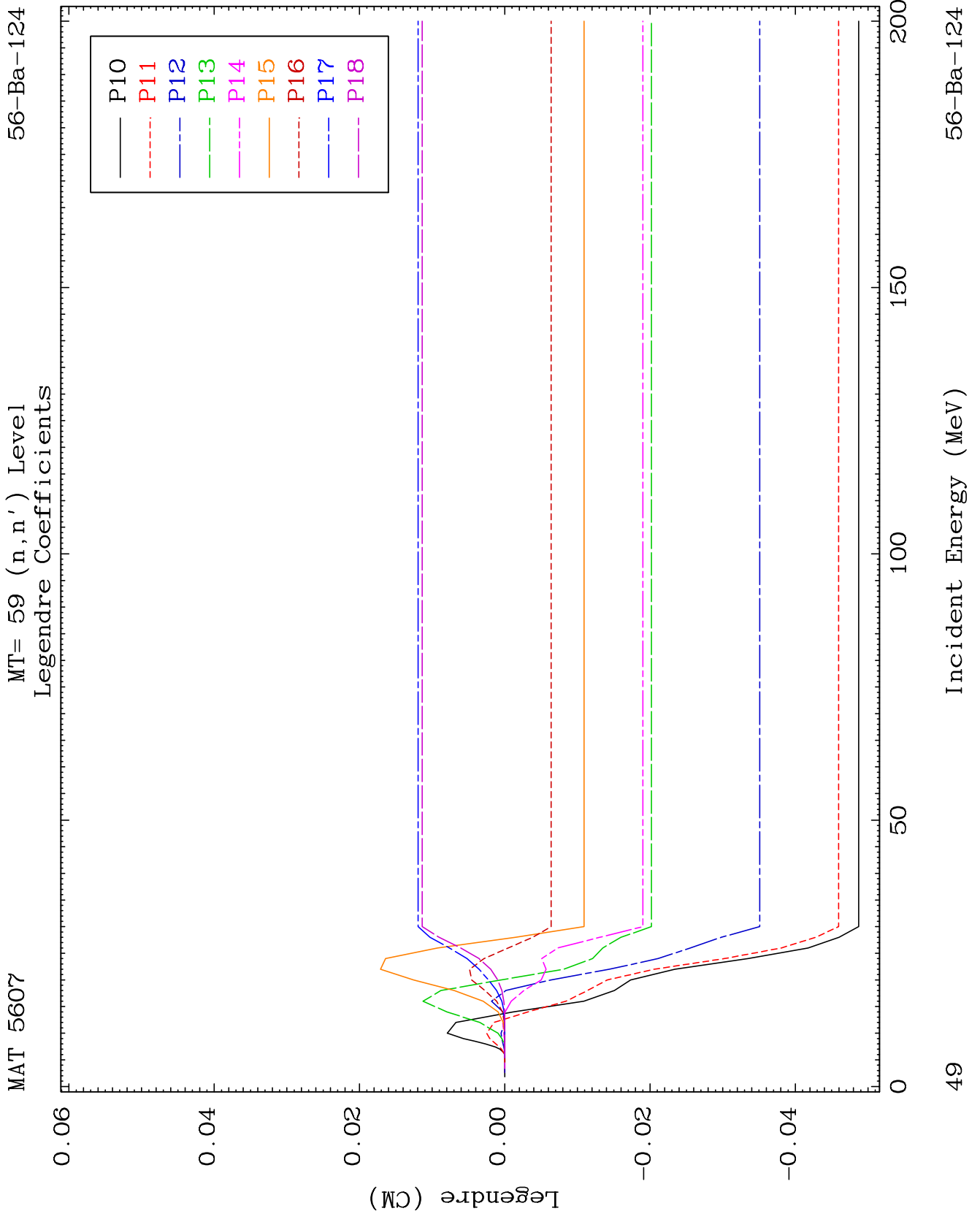
MT= 58 (n,n') Level  
Legendre Coefficients

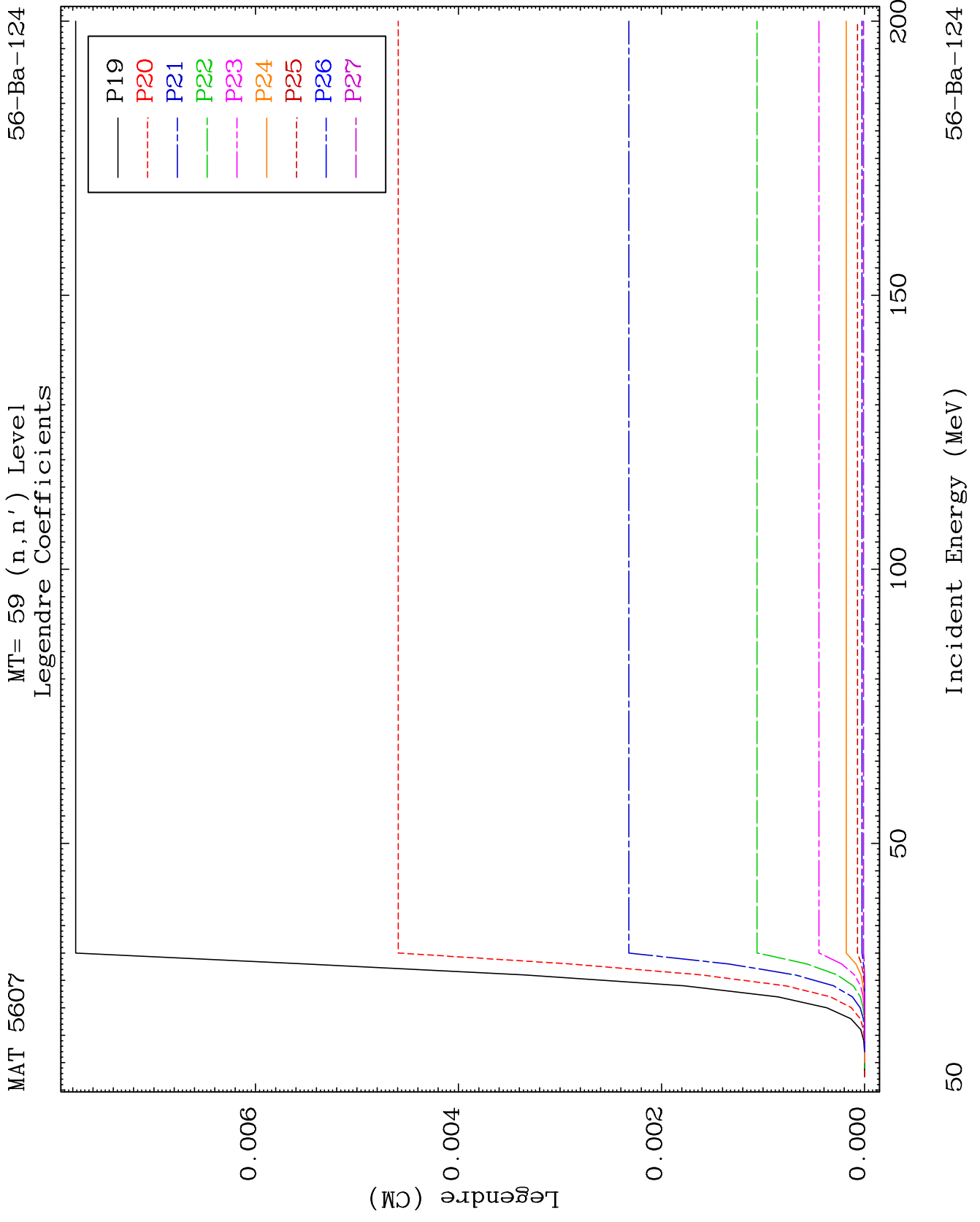
56-Ba-124







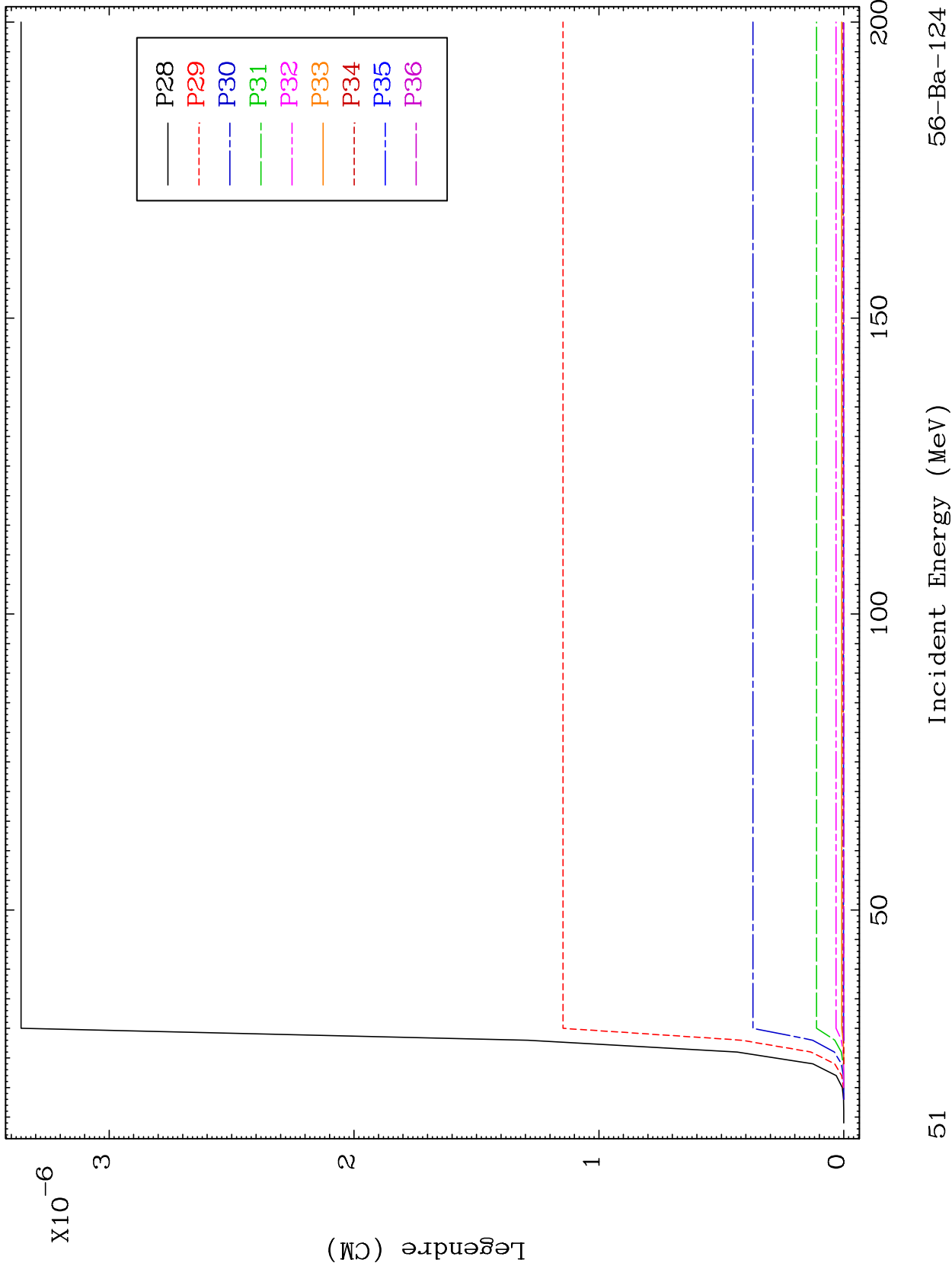




MAT 5607

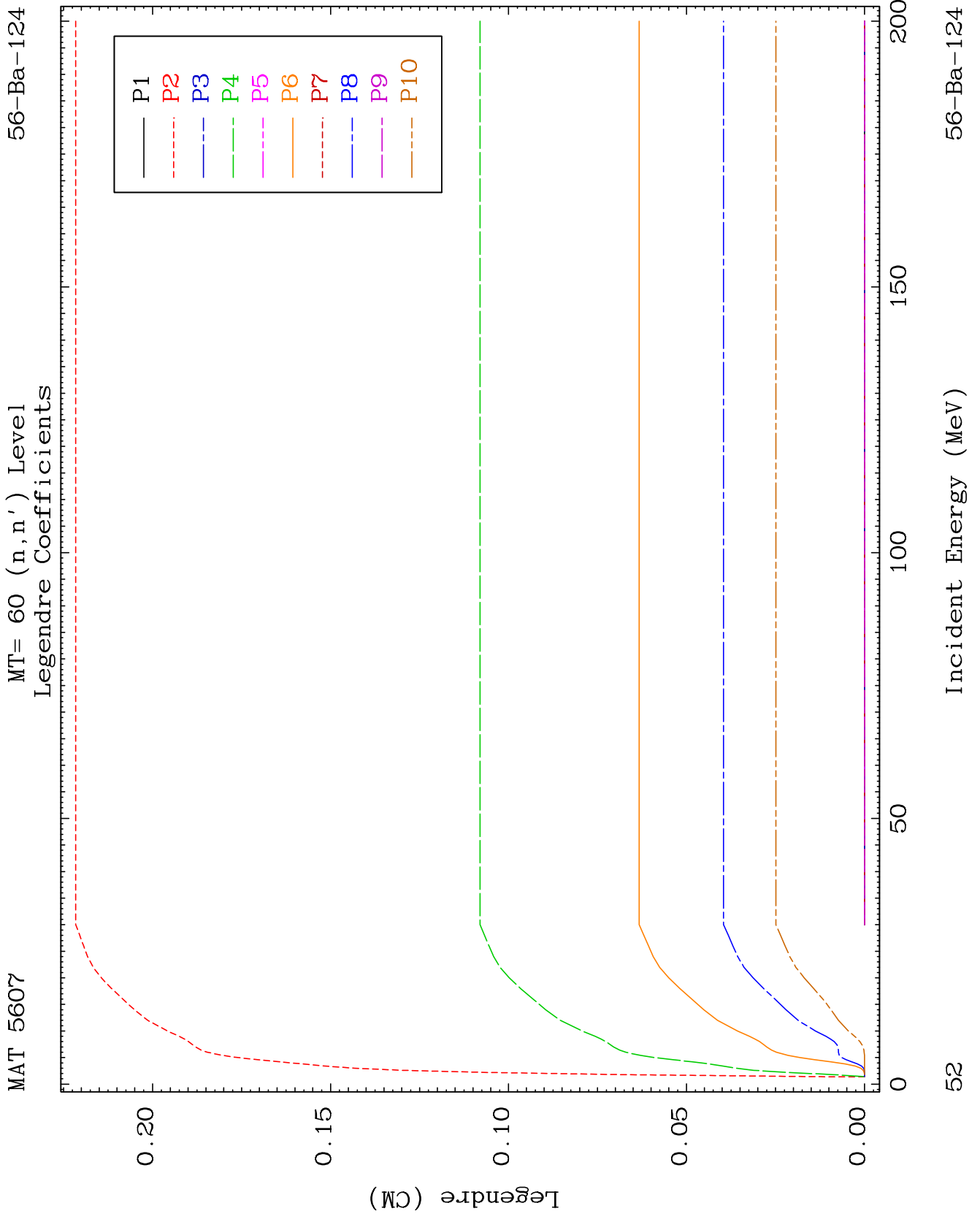
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Legendre Coefficients

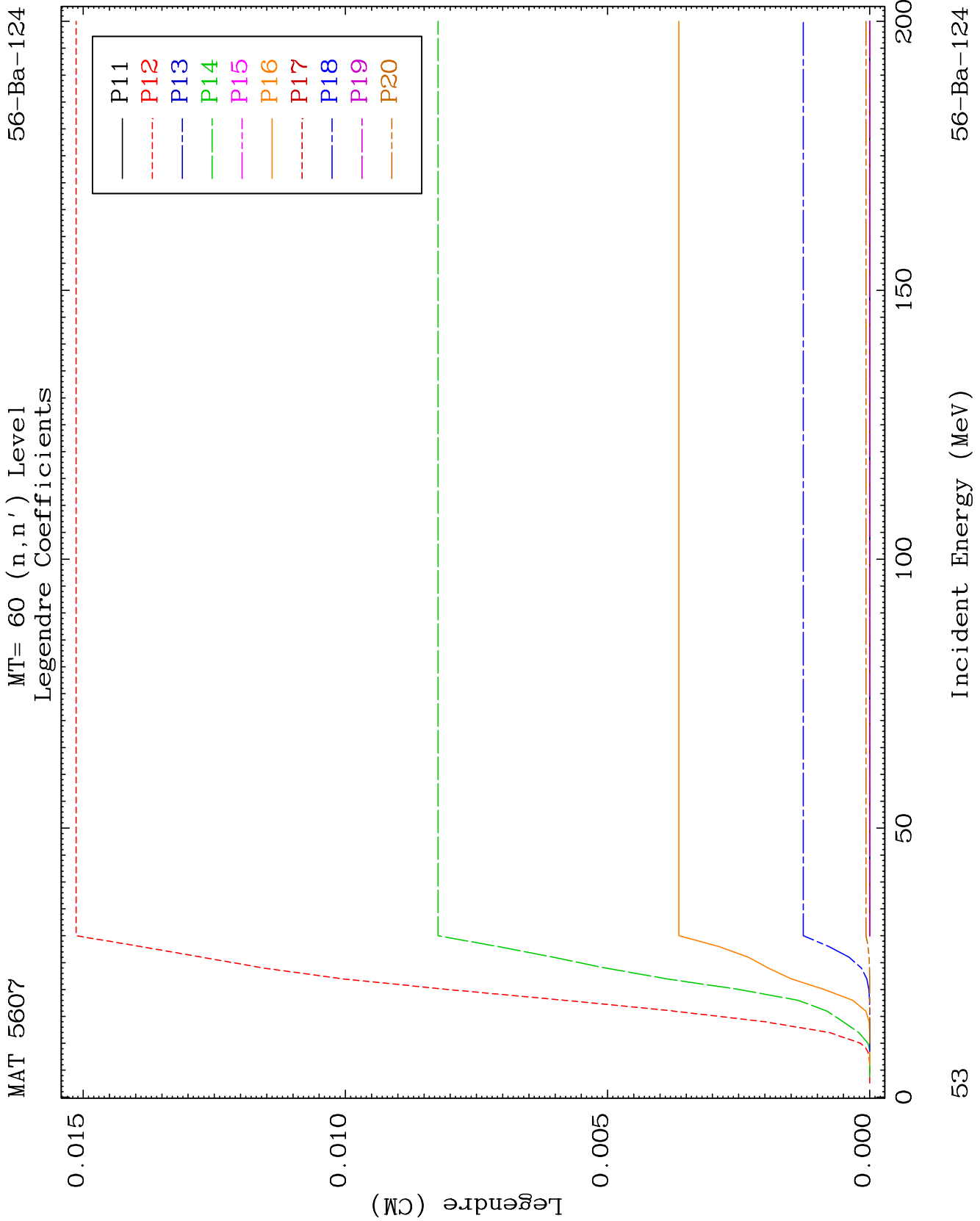
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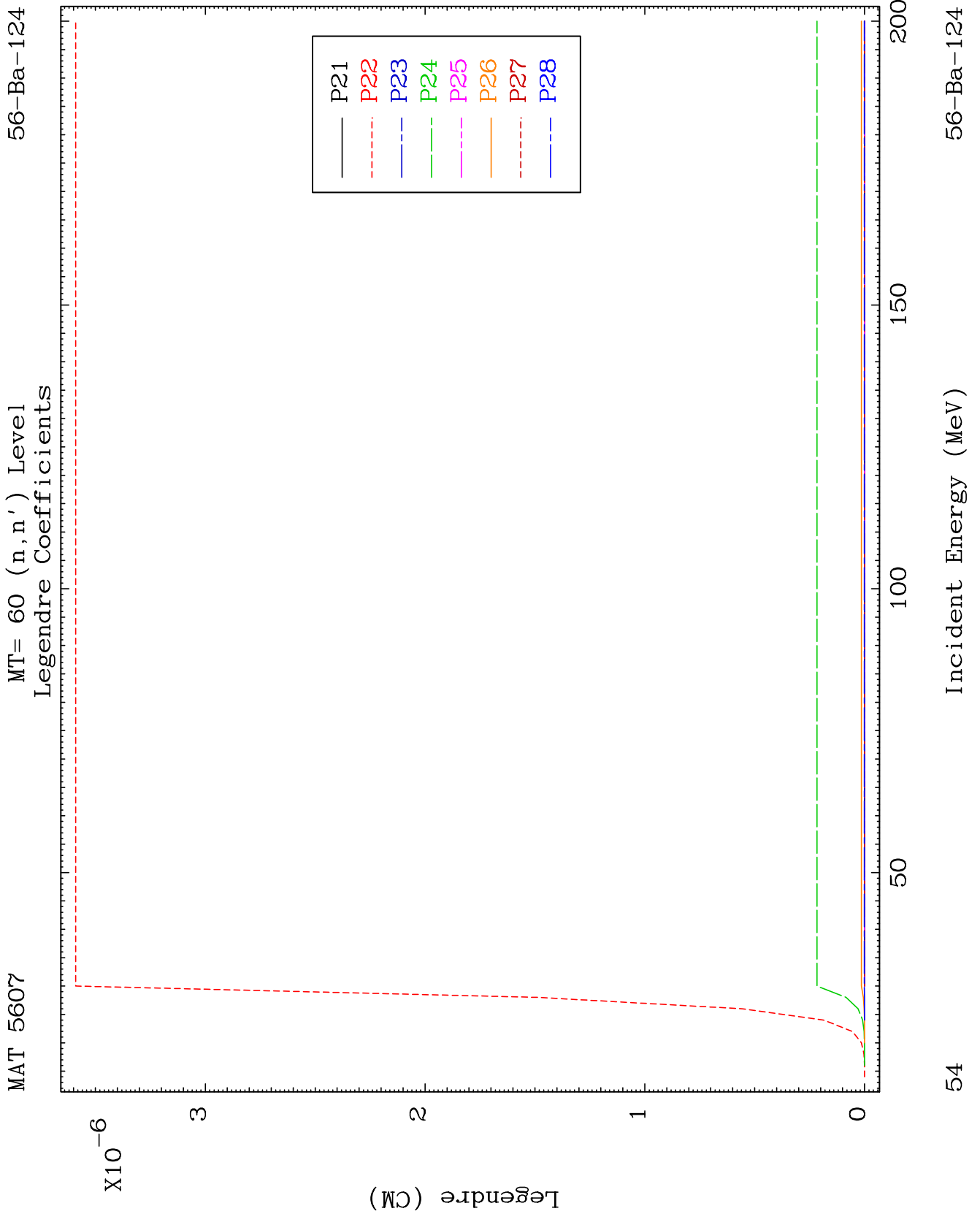


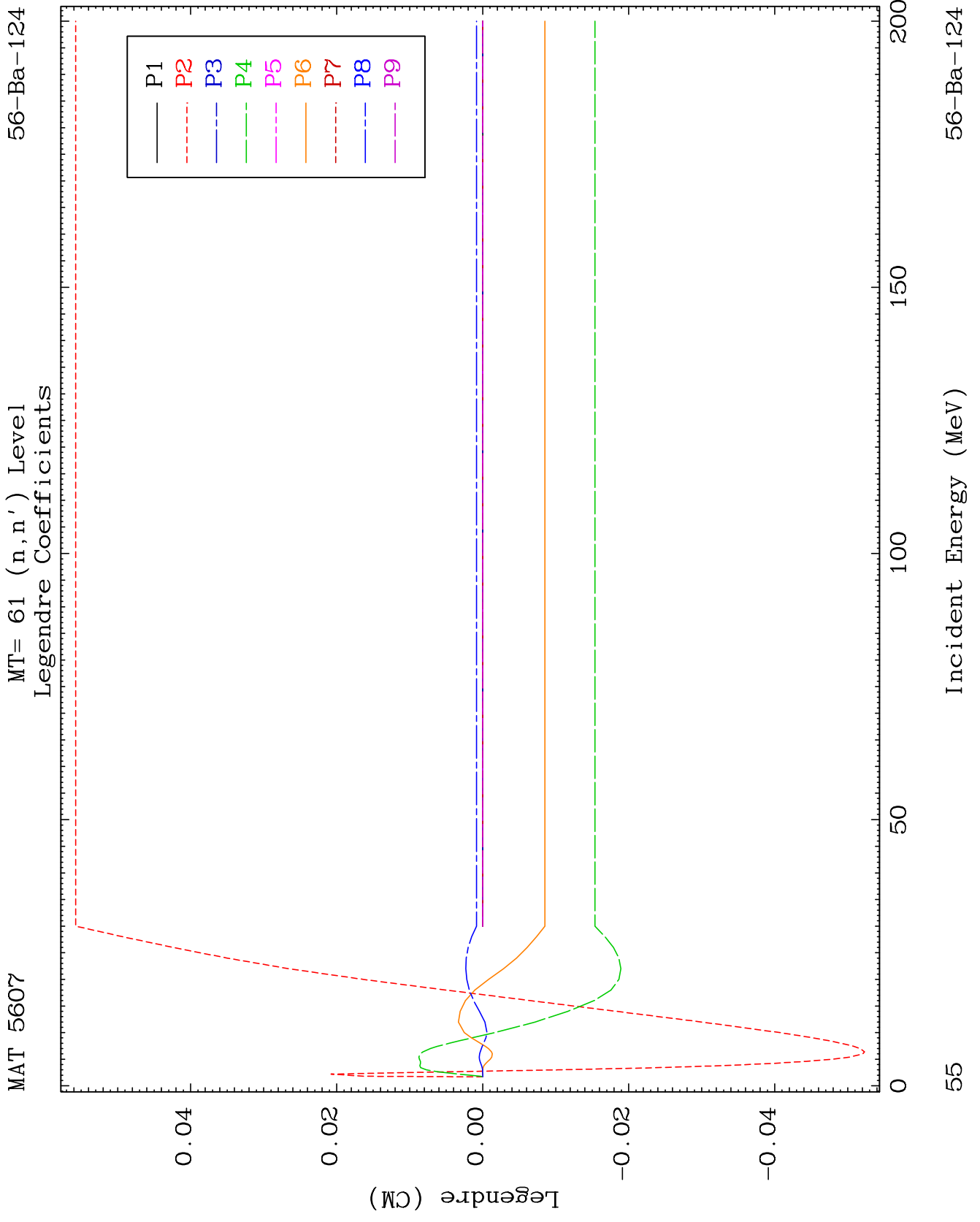
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56-Ba-124







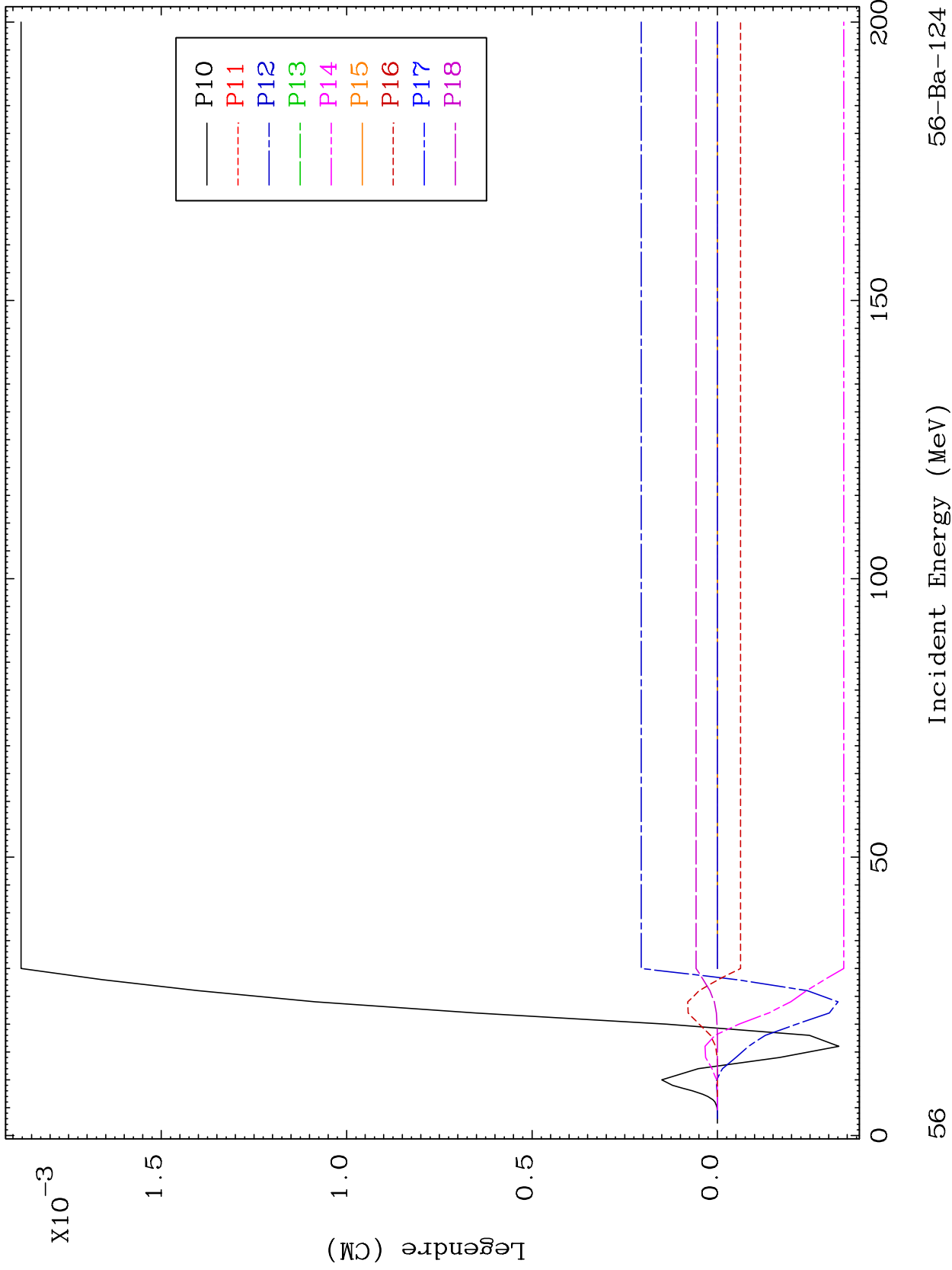




MAT 5607

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

56-Ba-124

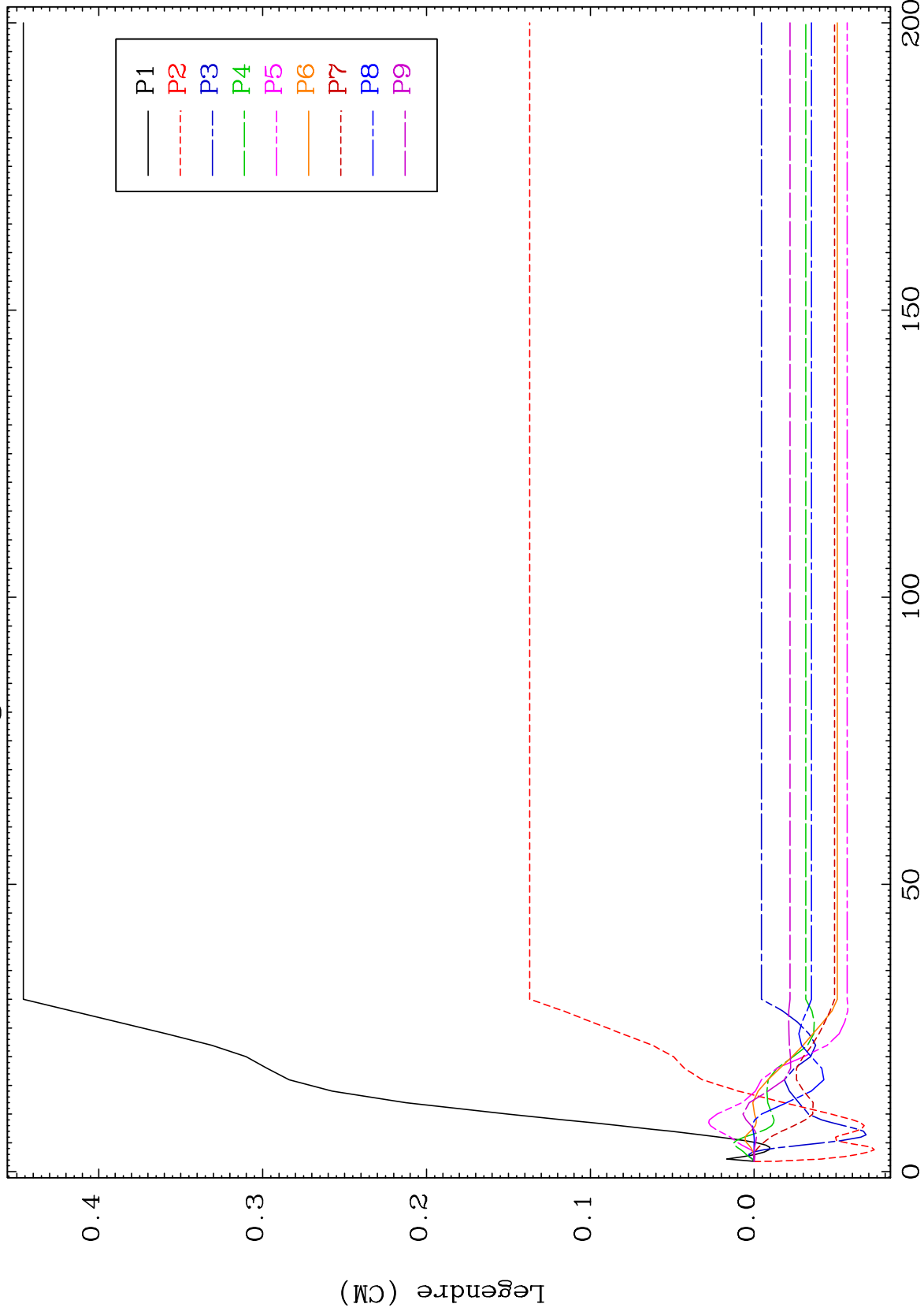




MAT 5607

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

56-Ba-124



56-Ba-124

Incident Energy (MeV)

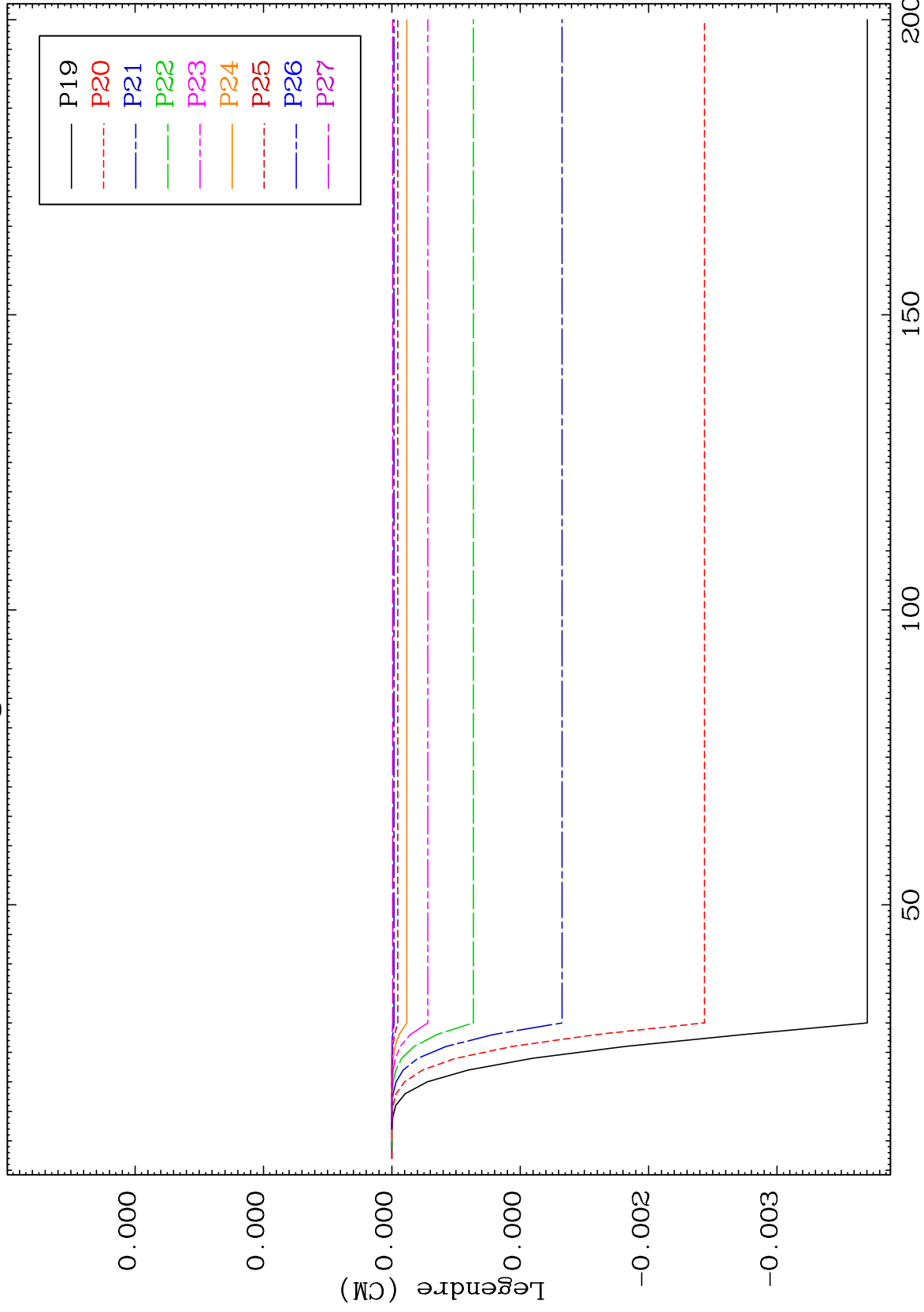
58



MAT 5607

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

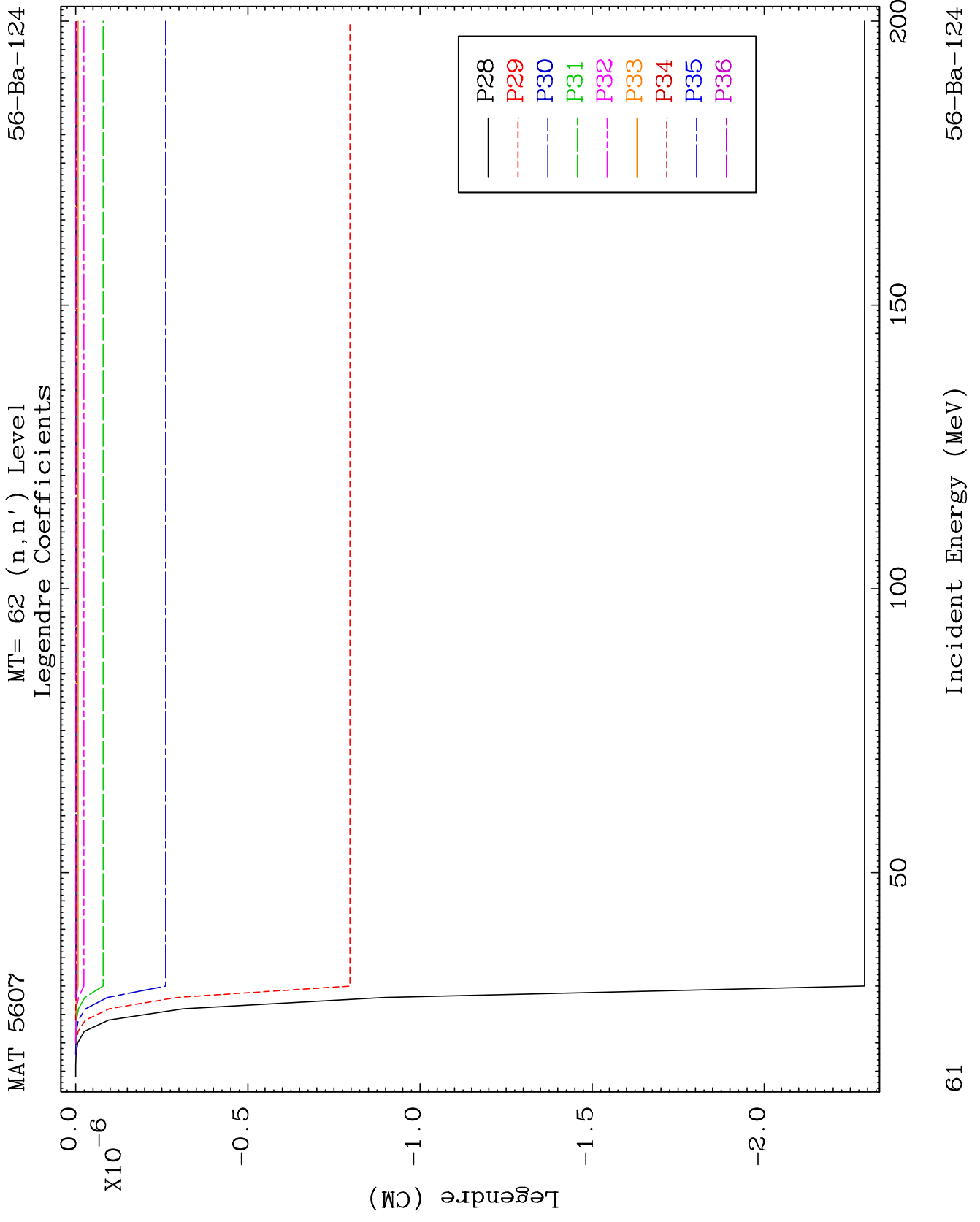
56-Ba-124



60

Incident Energy (MeV)

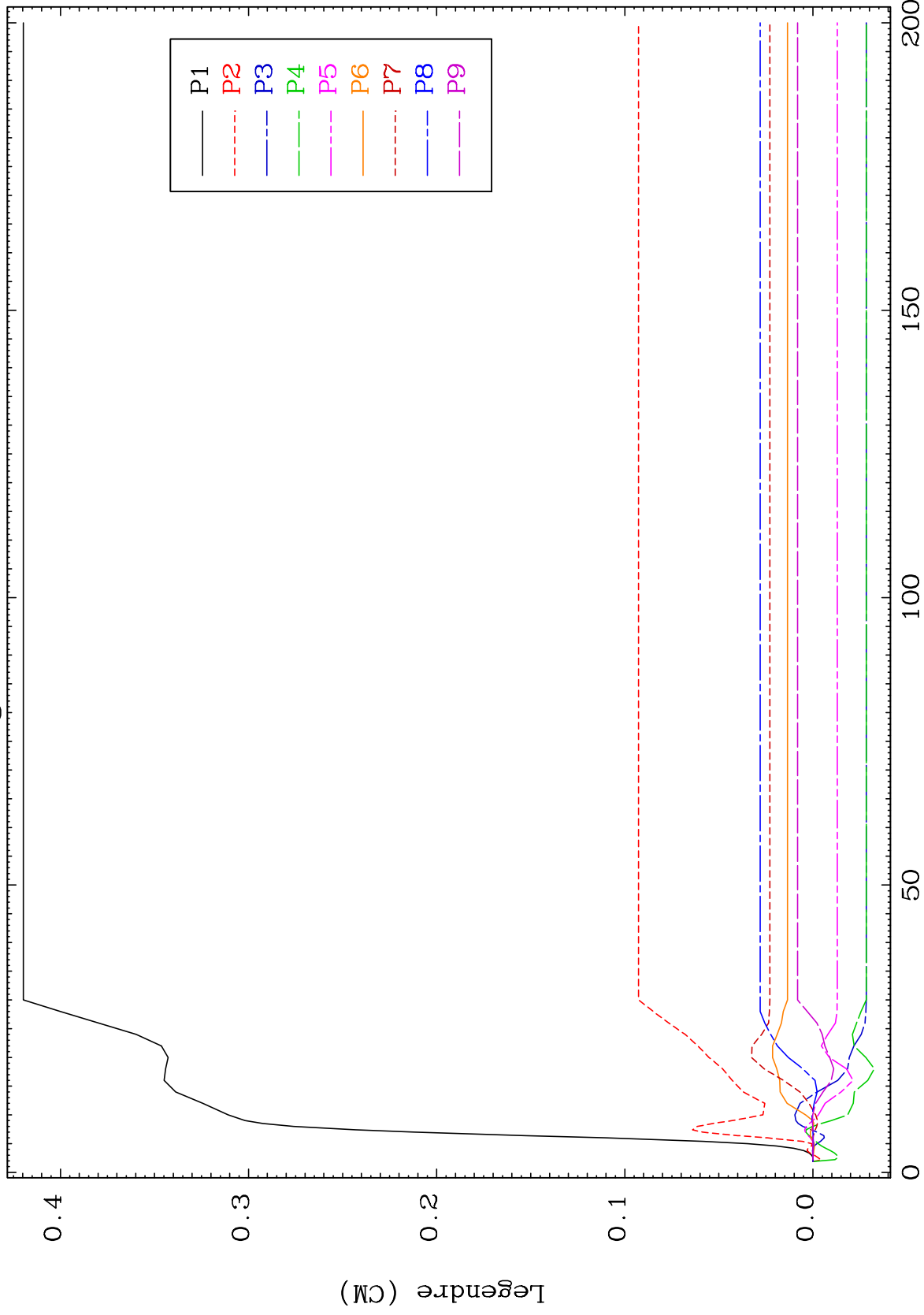
56-Ba-124



MAT 5607

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

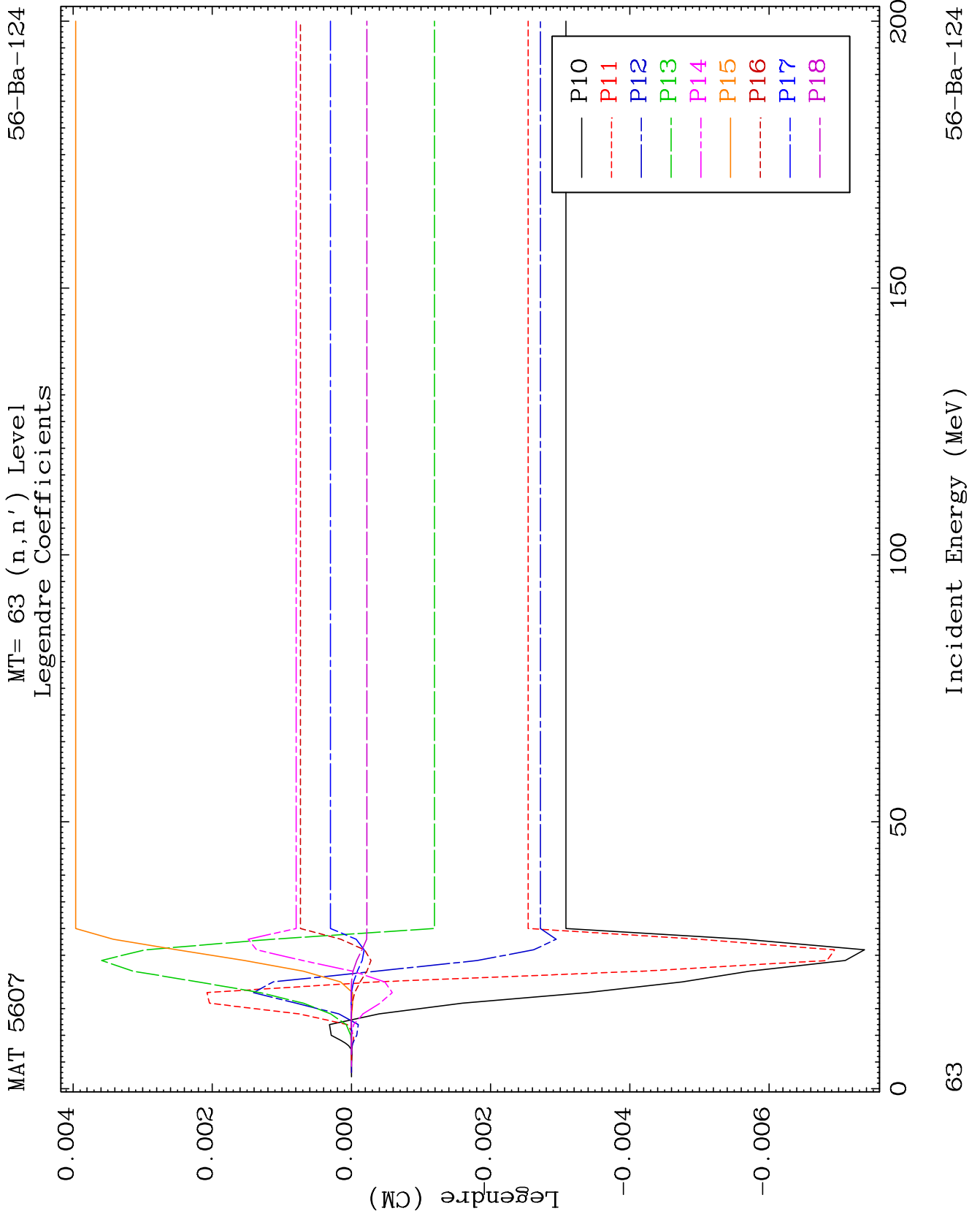
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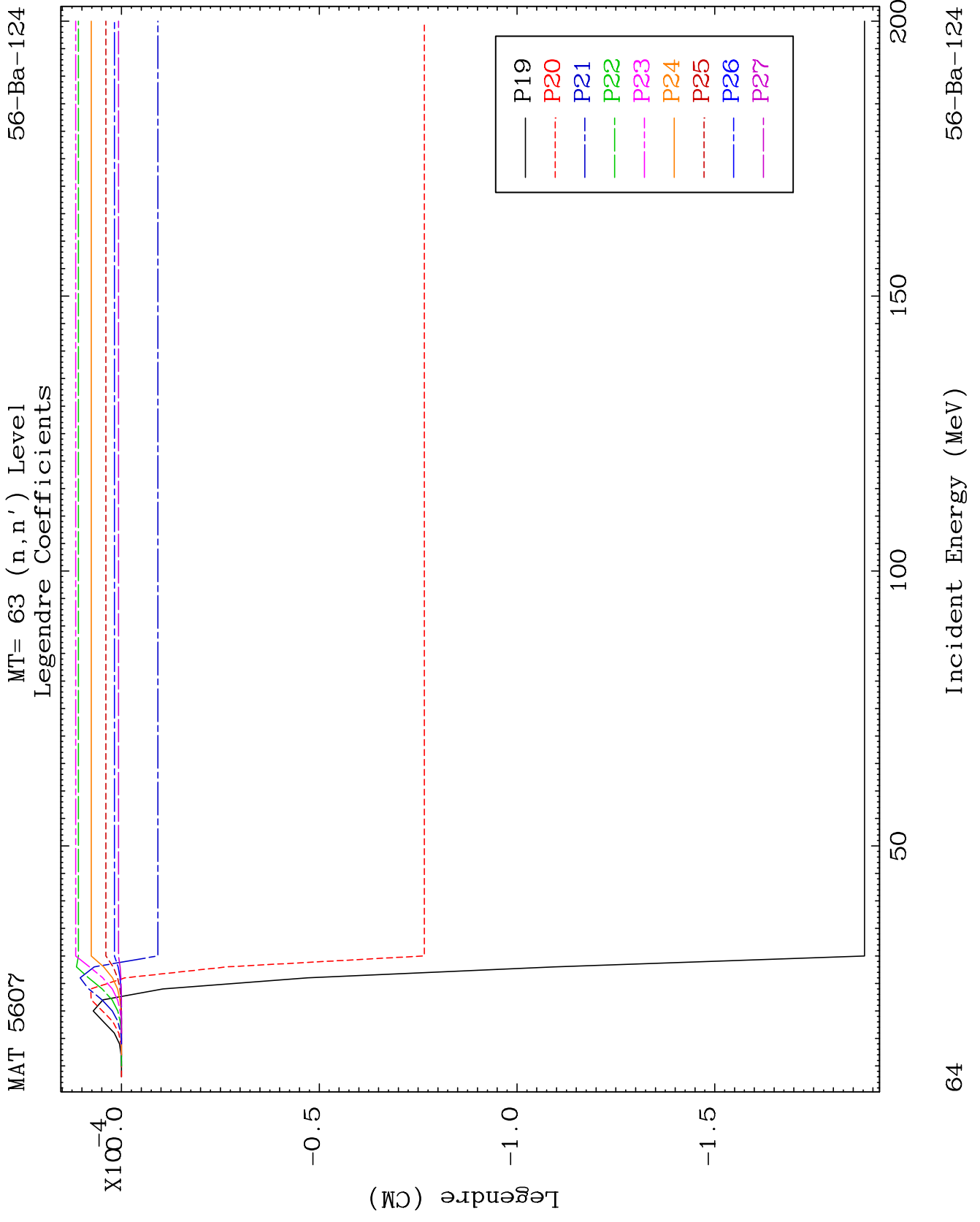
56-Ba-124

Incident Energy (MeV)

62



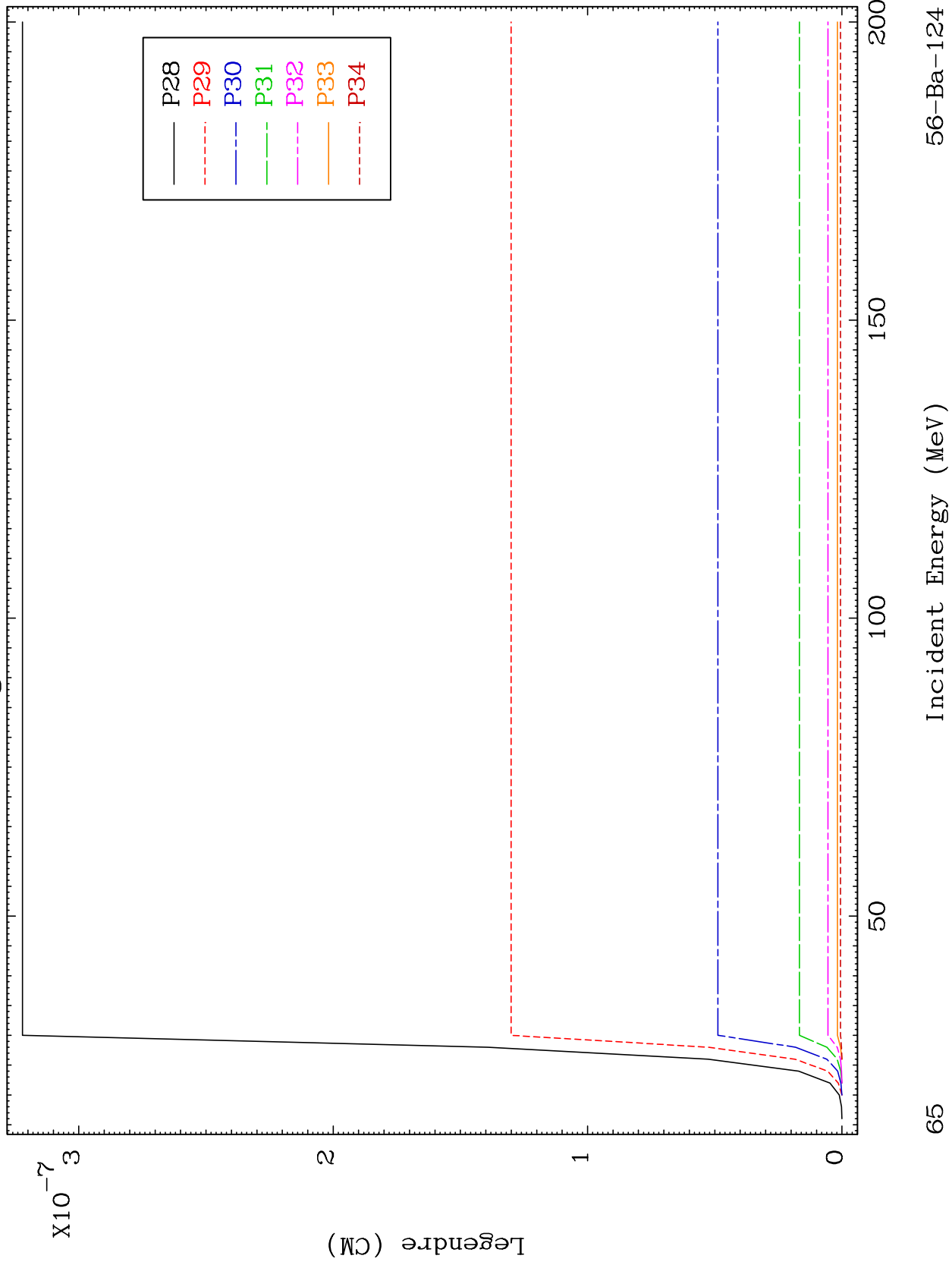




MAT 5607

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

56-Ba-124

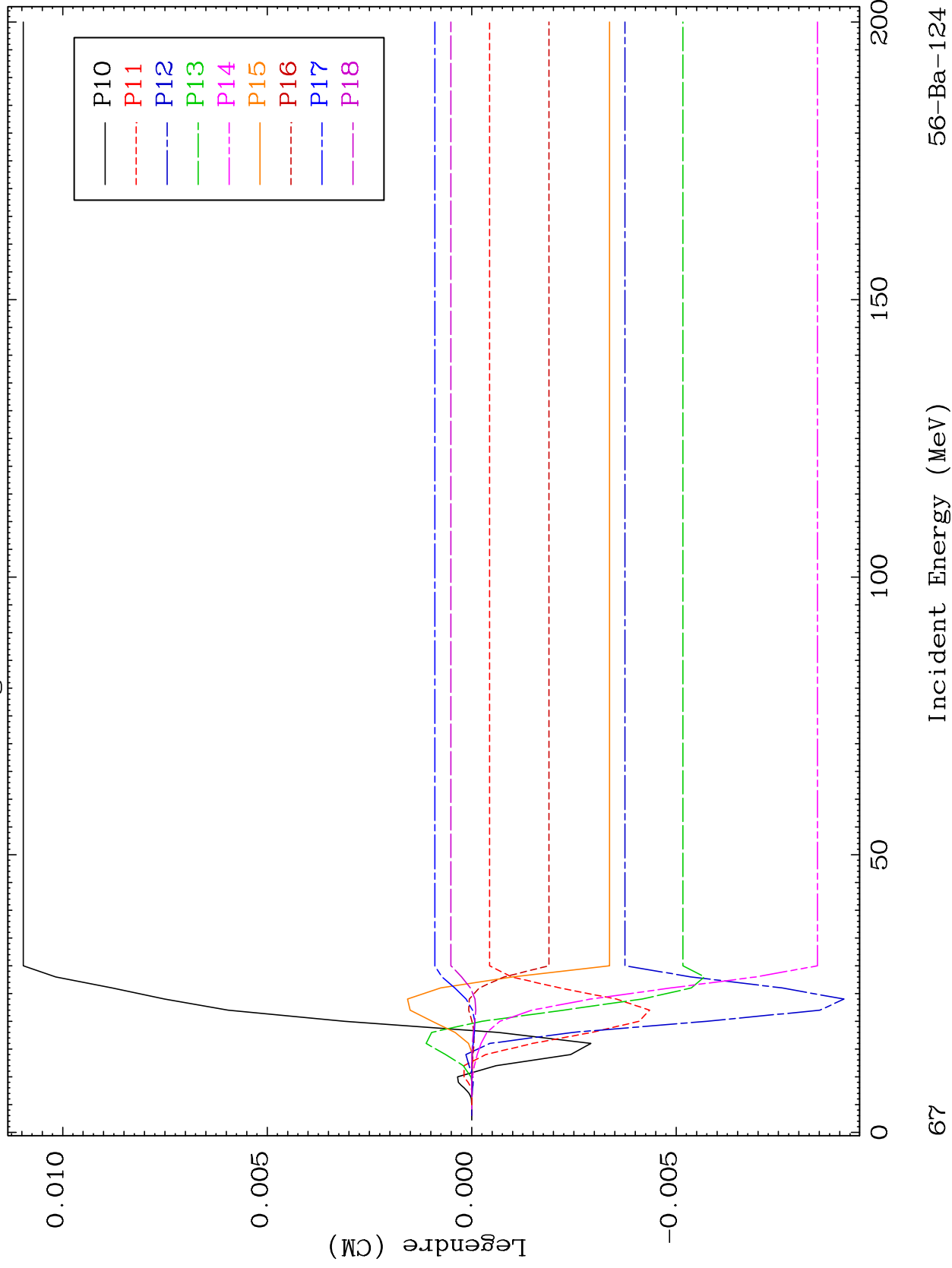




MAT 5607

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

56-Ba-124



67

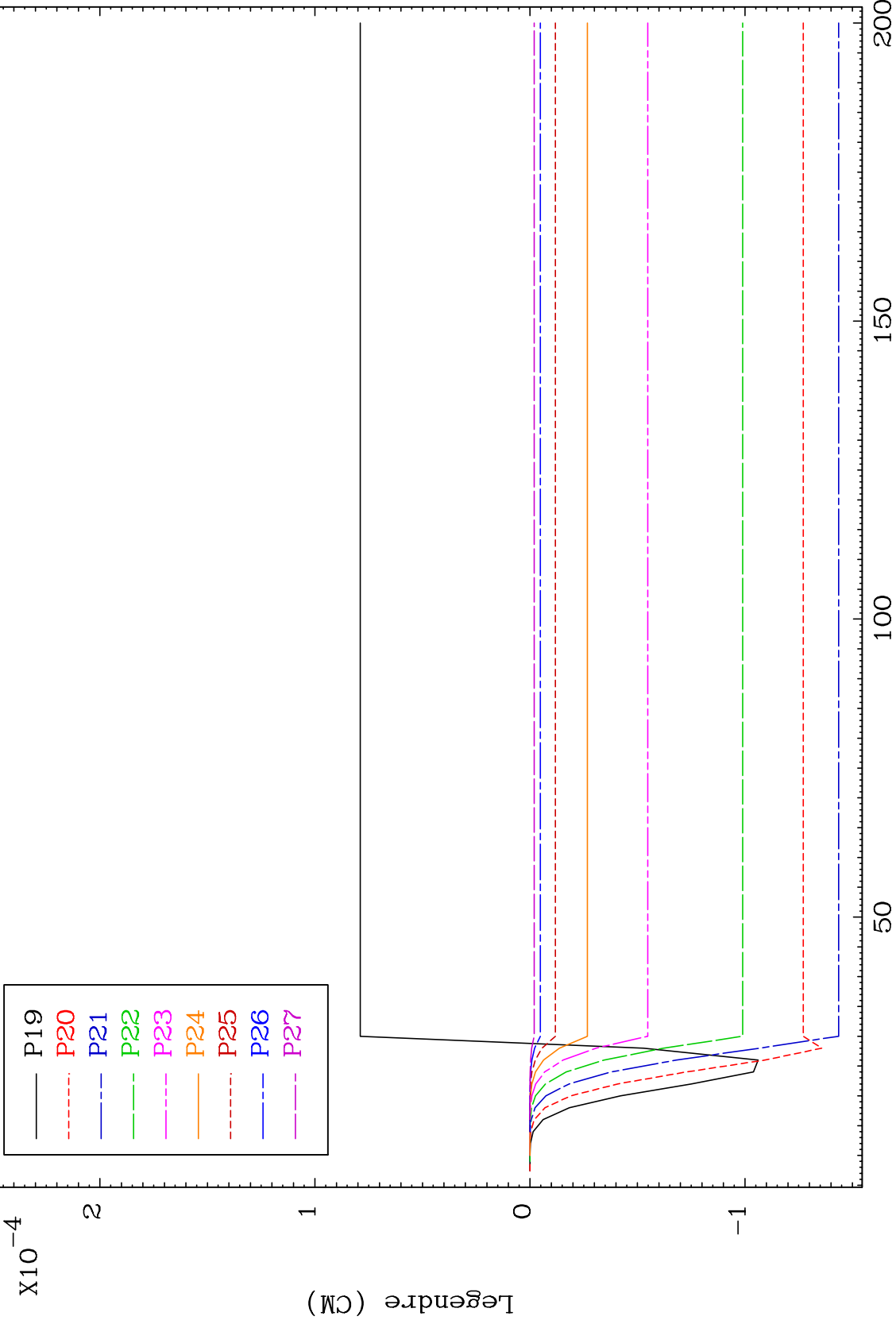
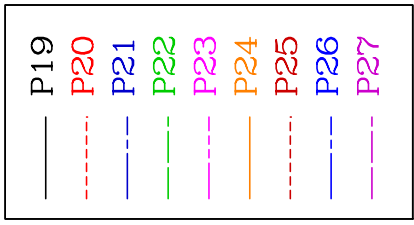
Incident Energy (MeV)

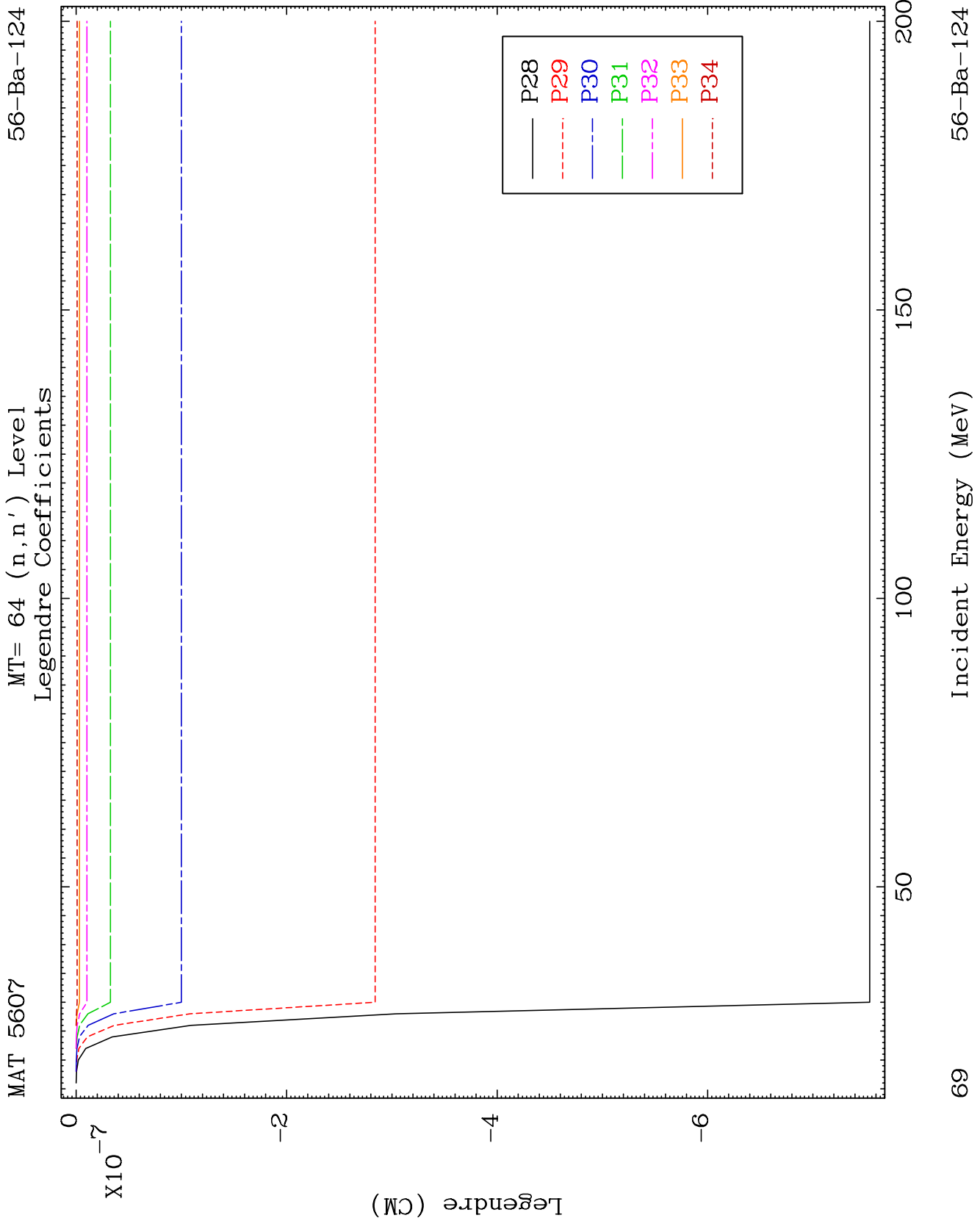
56-Ba-124

MAT 5607

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

56-Ba-124

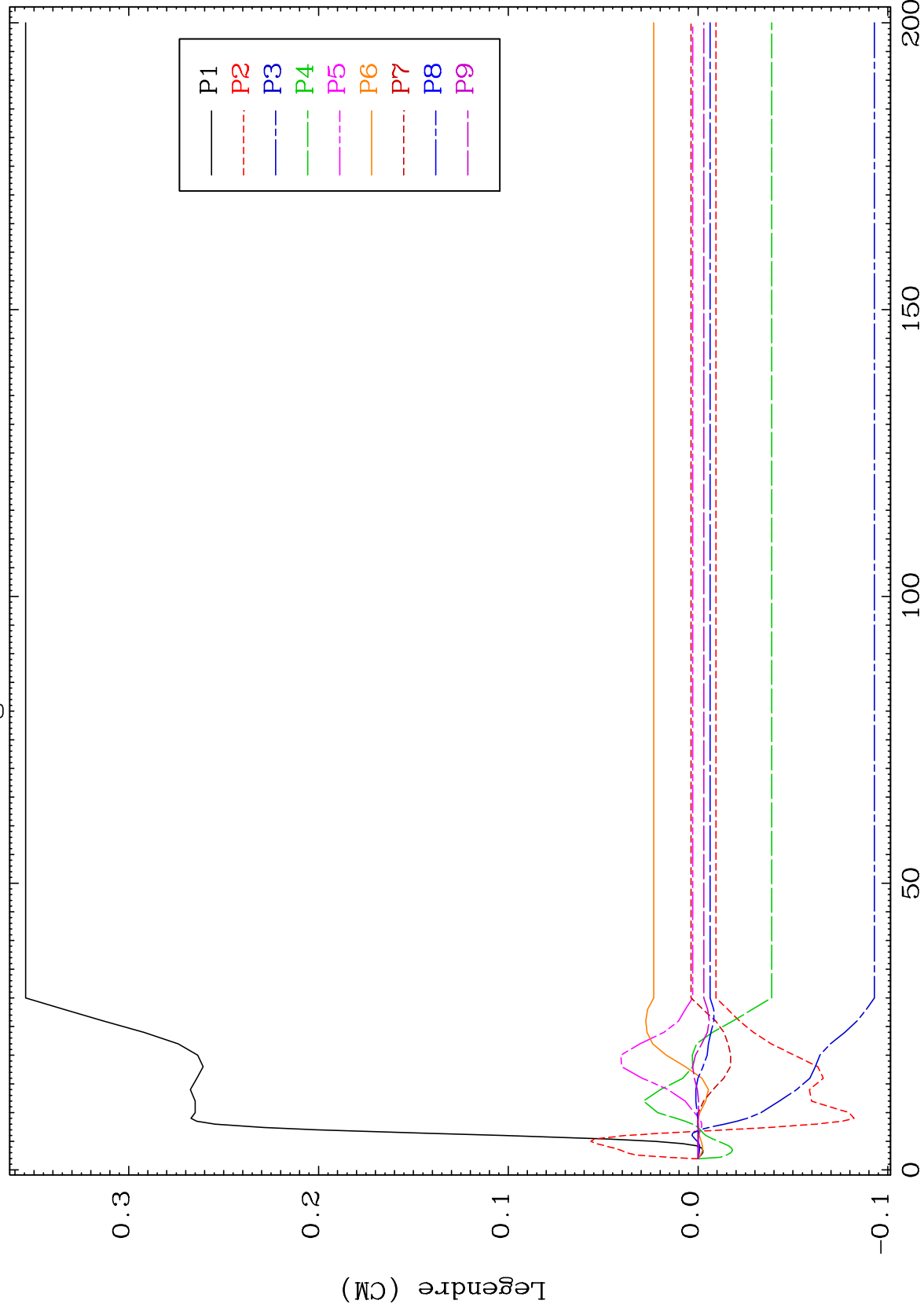




MAT 5607

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

56-Ba-124



56-Ba-124

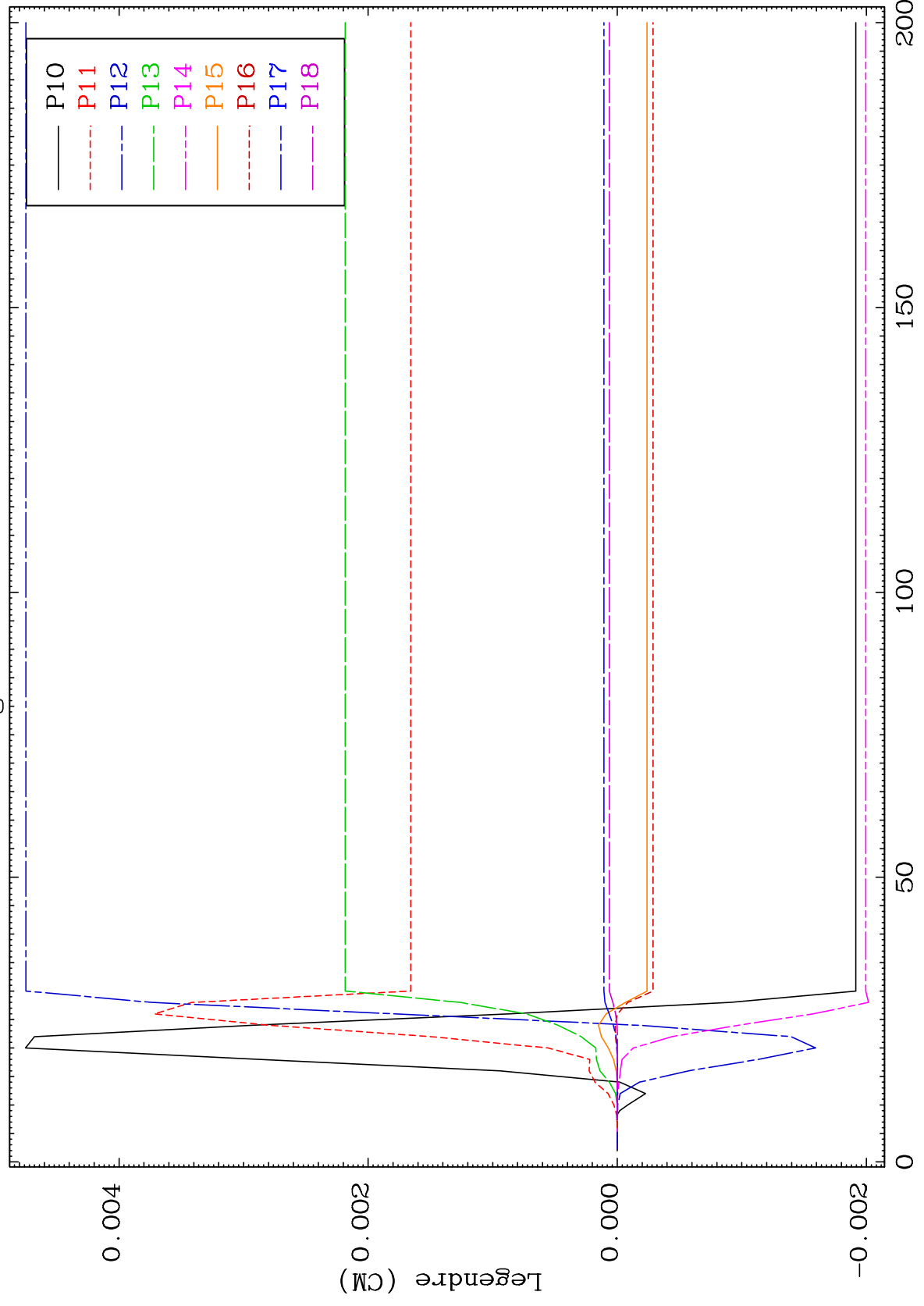
Incident Energy (MeV)

70

MAT 5607

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

56-Ba-124



71

Incident Energy (MeV)

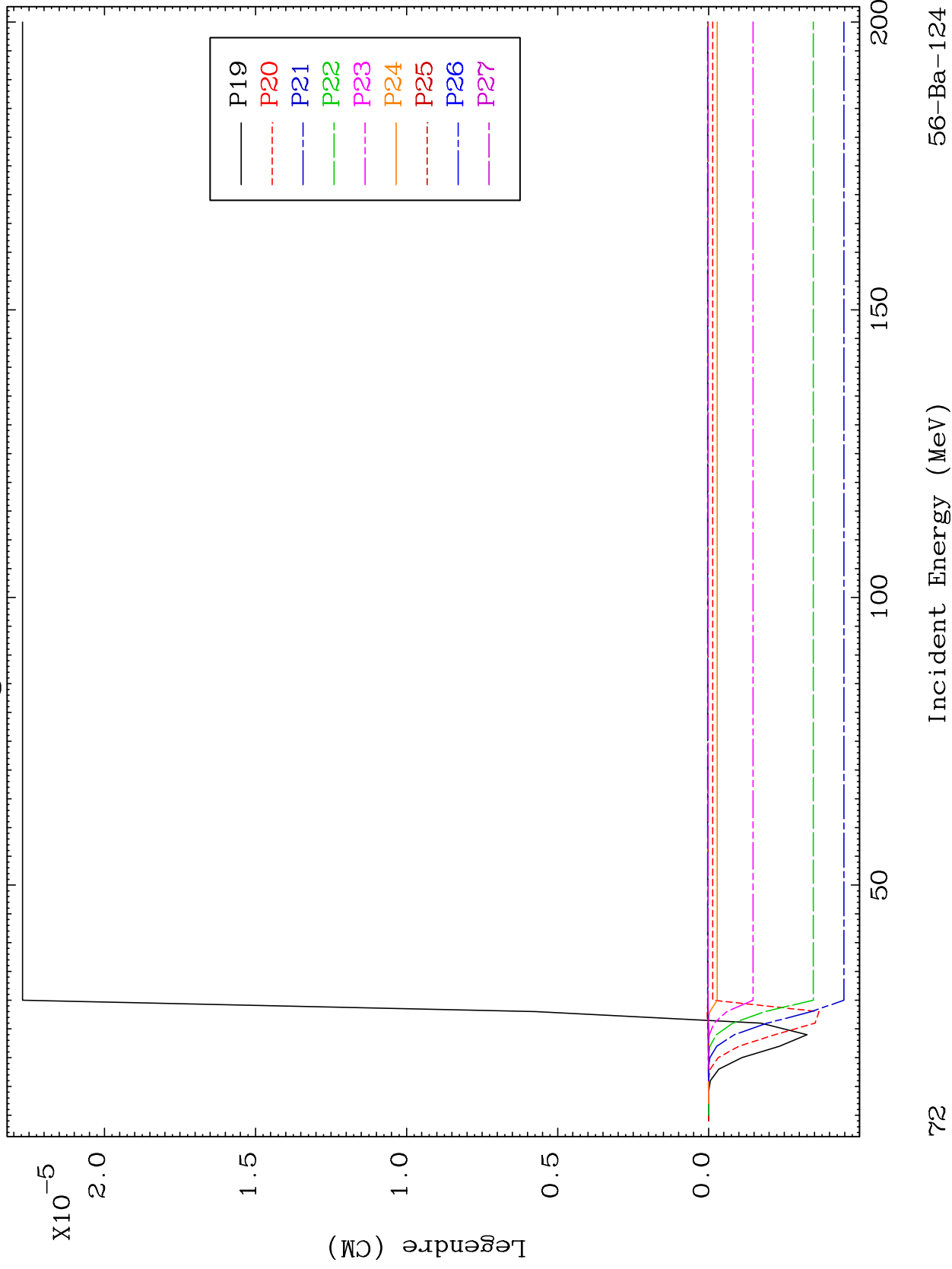
56-Ba-124



MAT 5607

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

56-Ba-124



72

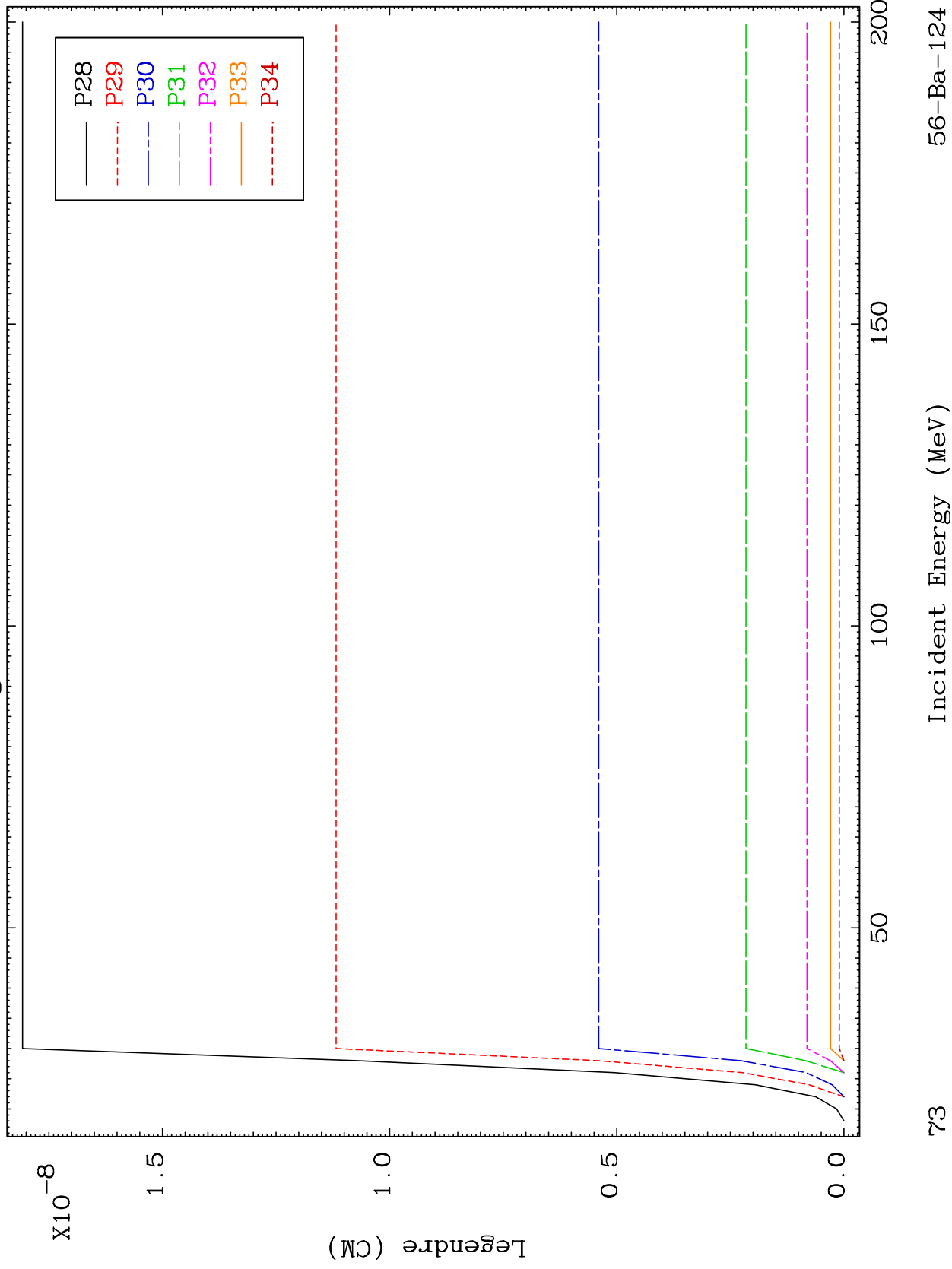
Incident Energy (MeV)

56-Ba-124

MAT 5607

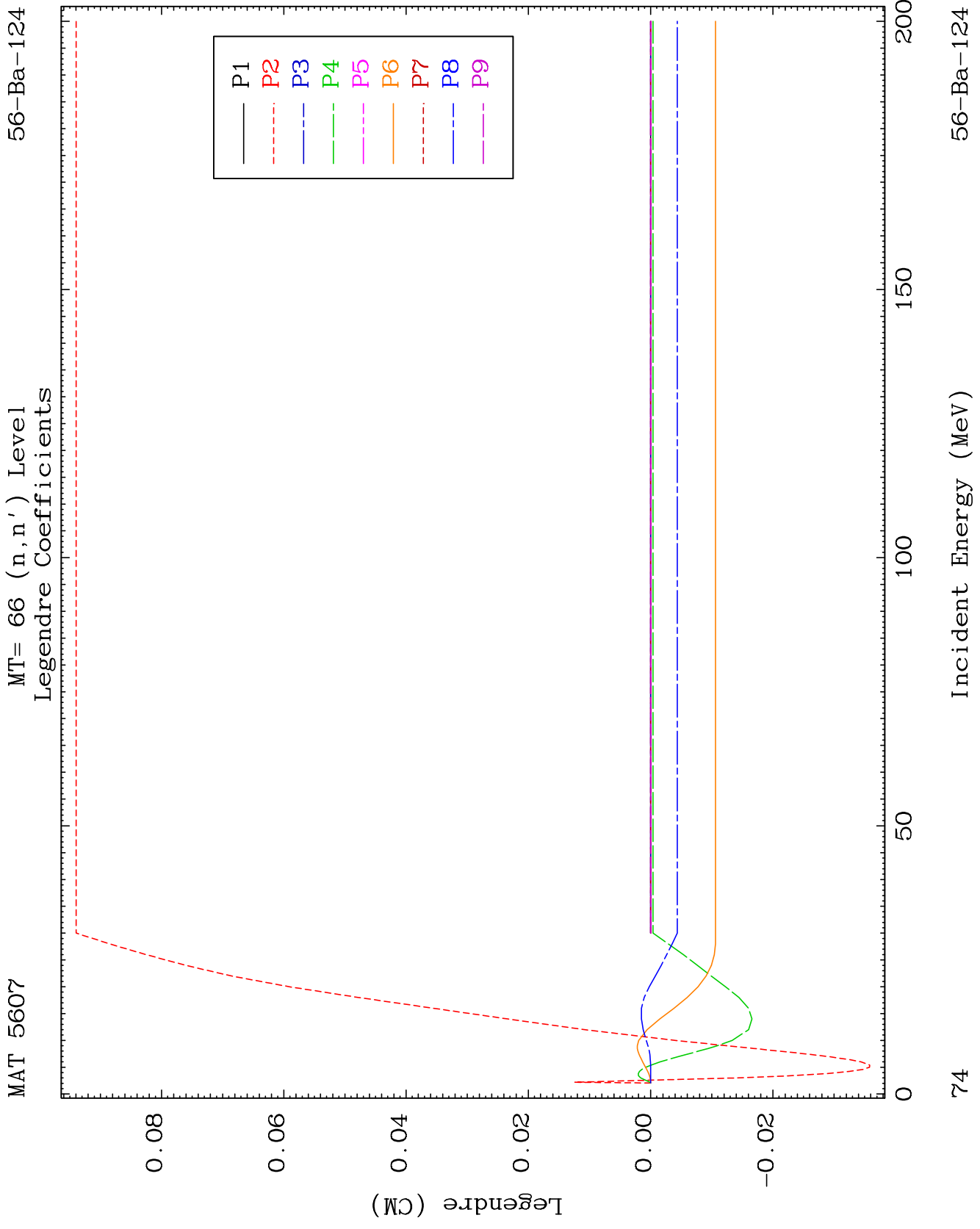
MT= 65 (n,n') Level  
Legendre Coefficients

56-Ba-124



73

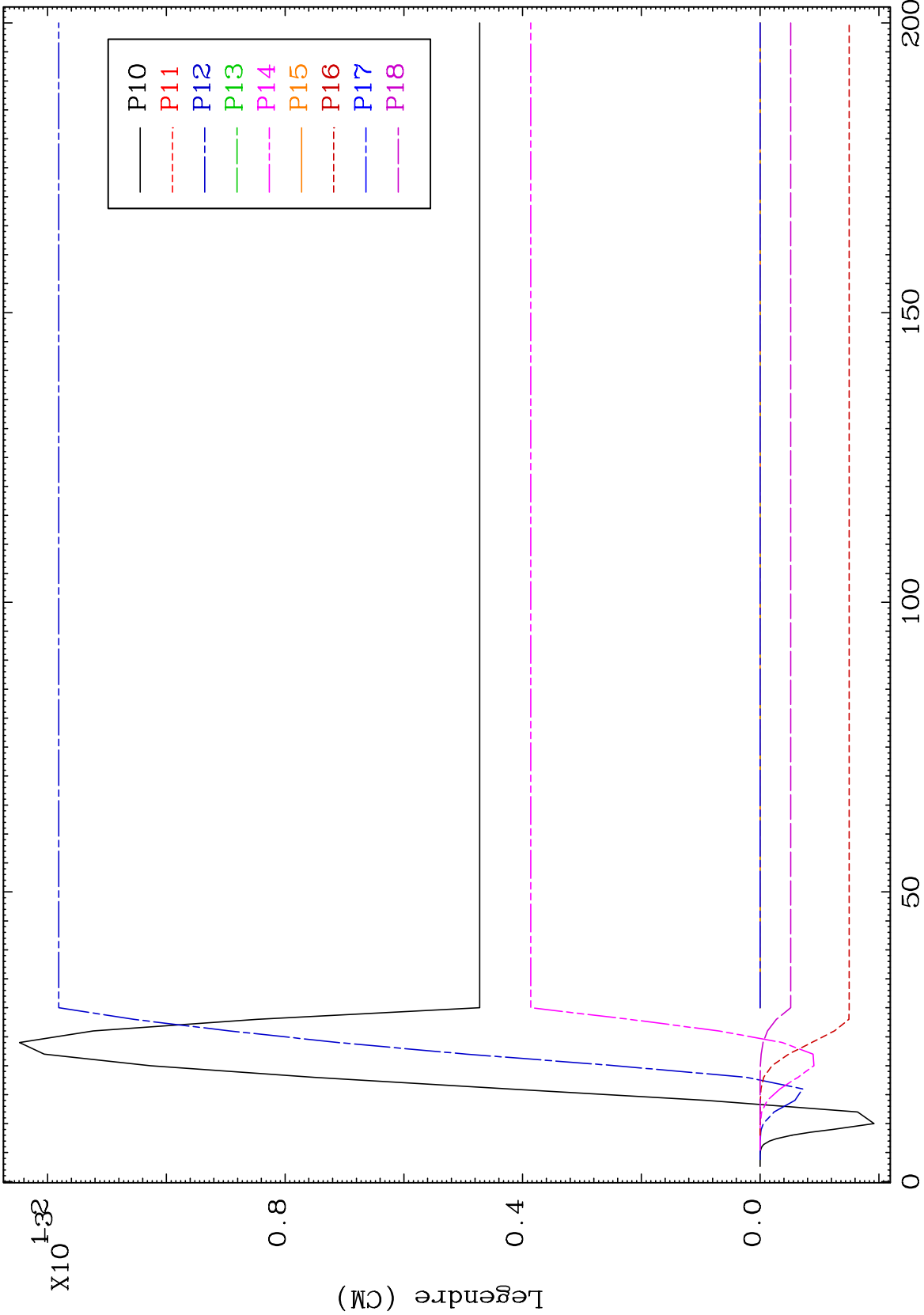
56-Ba-124



MAT 5607

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

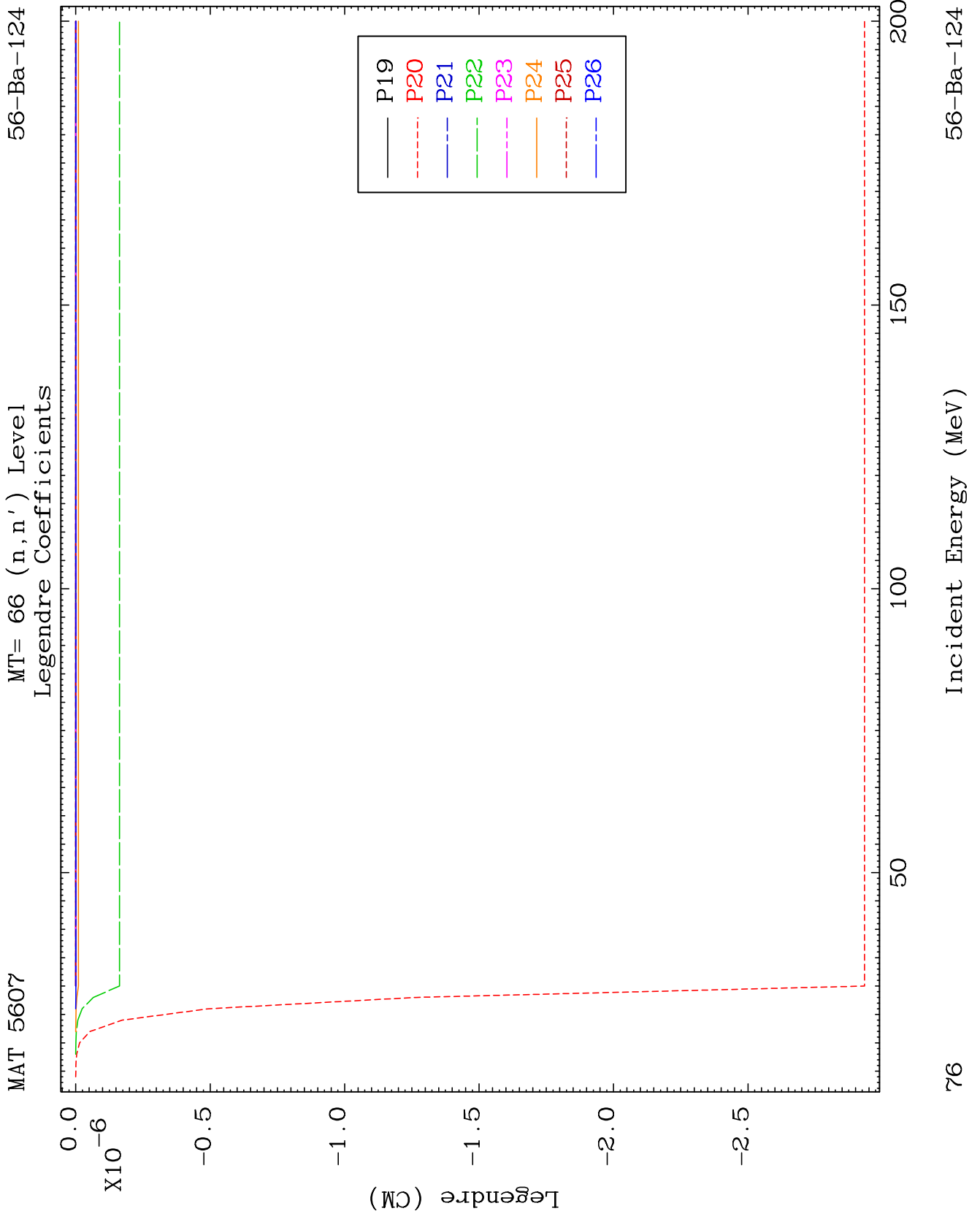
56-Ba-124



75

Incident Energy (MeV)

56-Ba-124

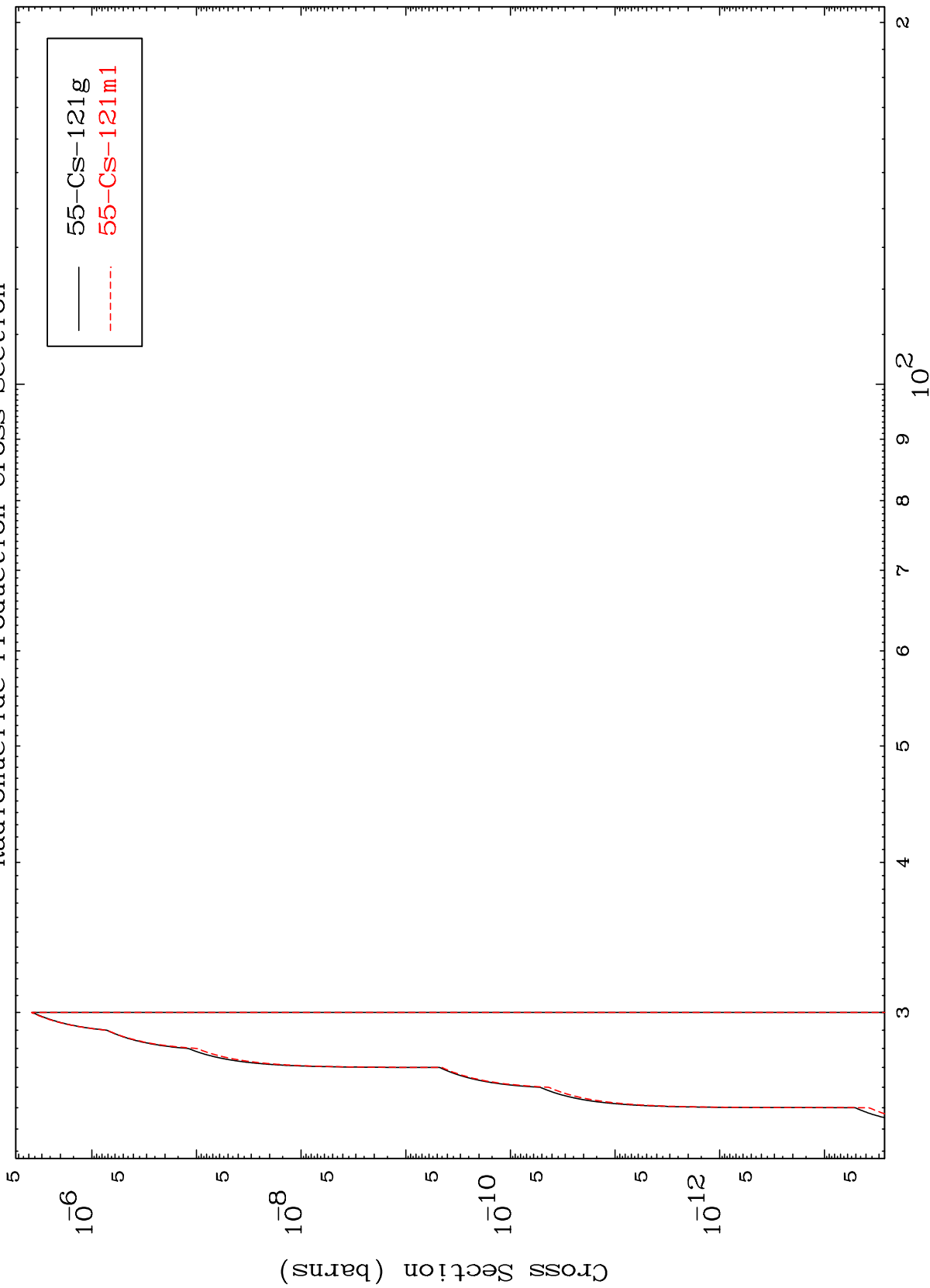


MAT 5607

(n,2n) d

56-Ba-124

Radionuclide Production Cross Section



77

Incident Energy (MeV)

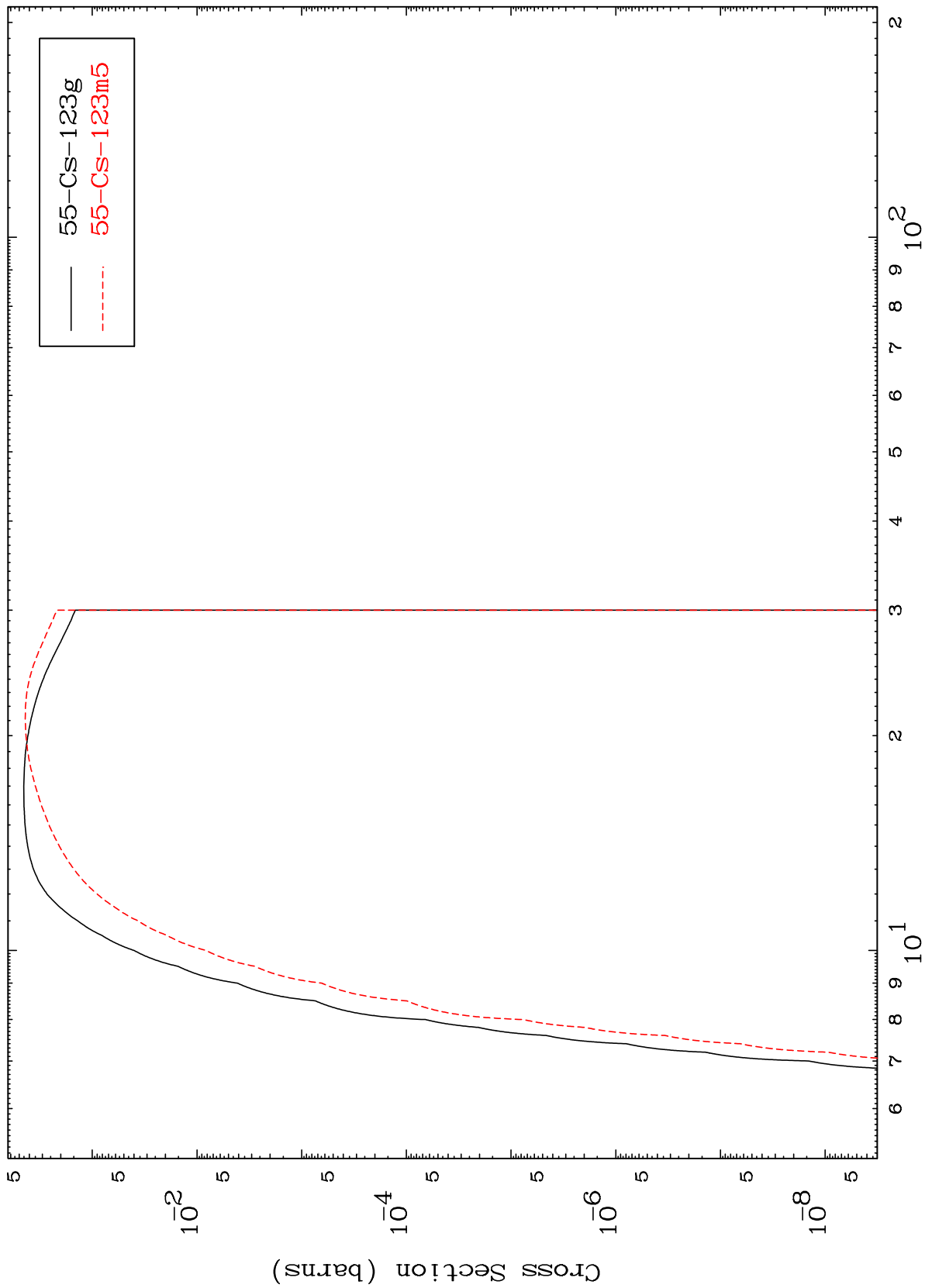
56-Ba-124

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

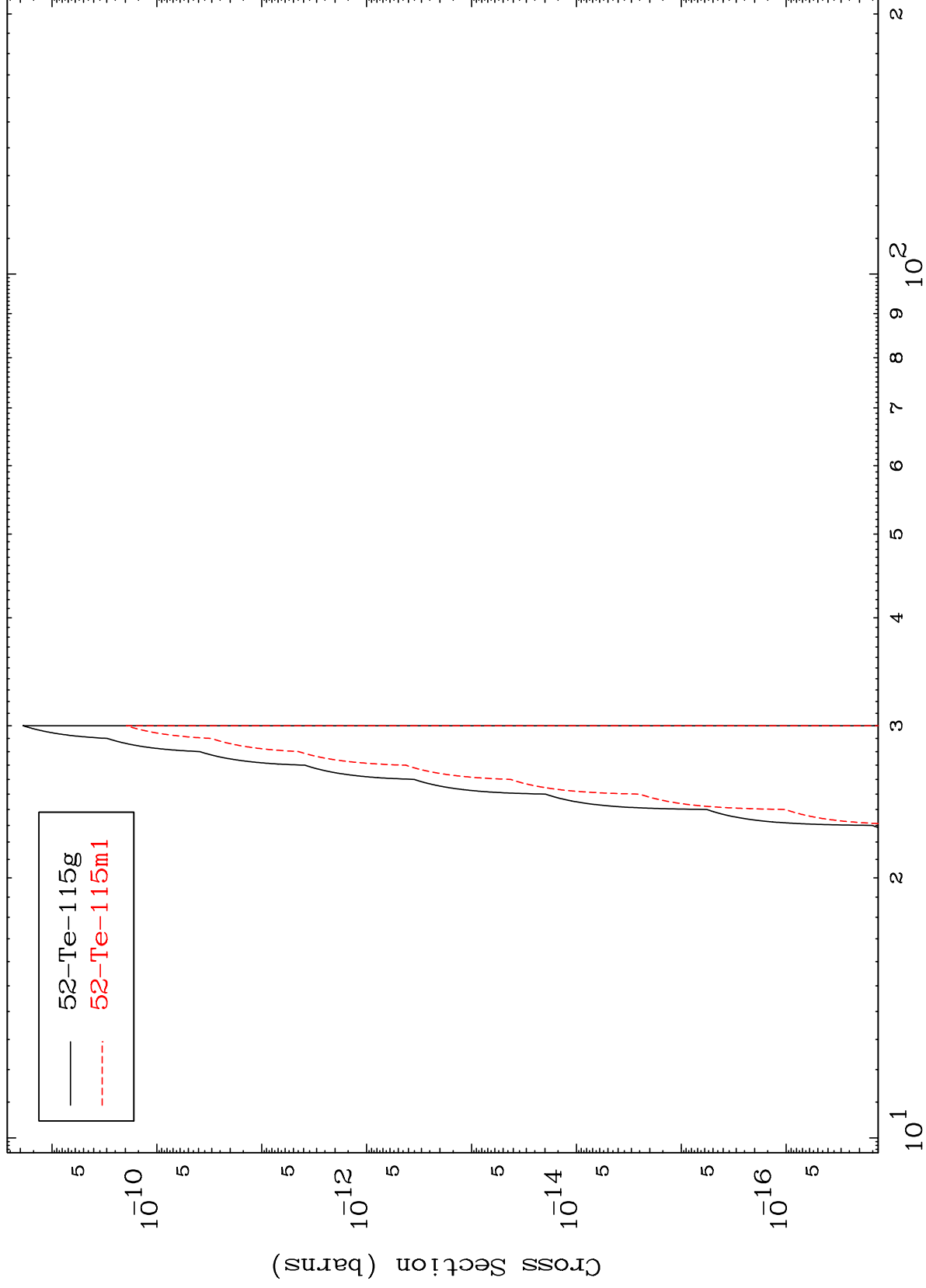
56-Ba-124

MAT 5607

(n,2n) 2α

56-Ba-124

Radionuclide Production Cross Section



52-Te-115g  
52-Te-115m1

79

Incident Energy (MeV)

56-Ba-124

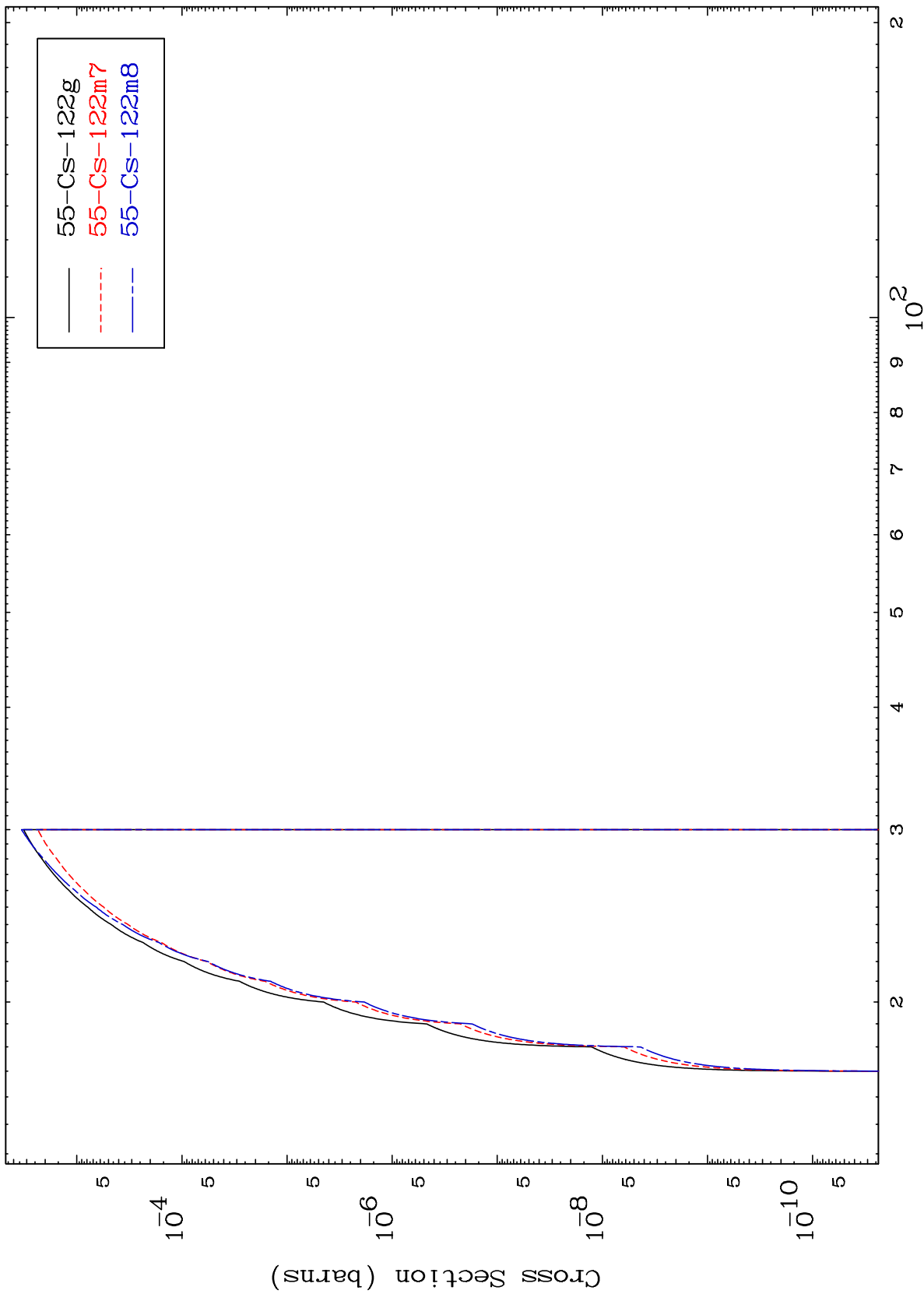


MAT 5607

(n,n') d

56-Ba-124

Radionuclide Production Cross Section



80

Incident Energy (MeV)

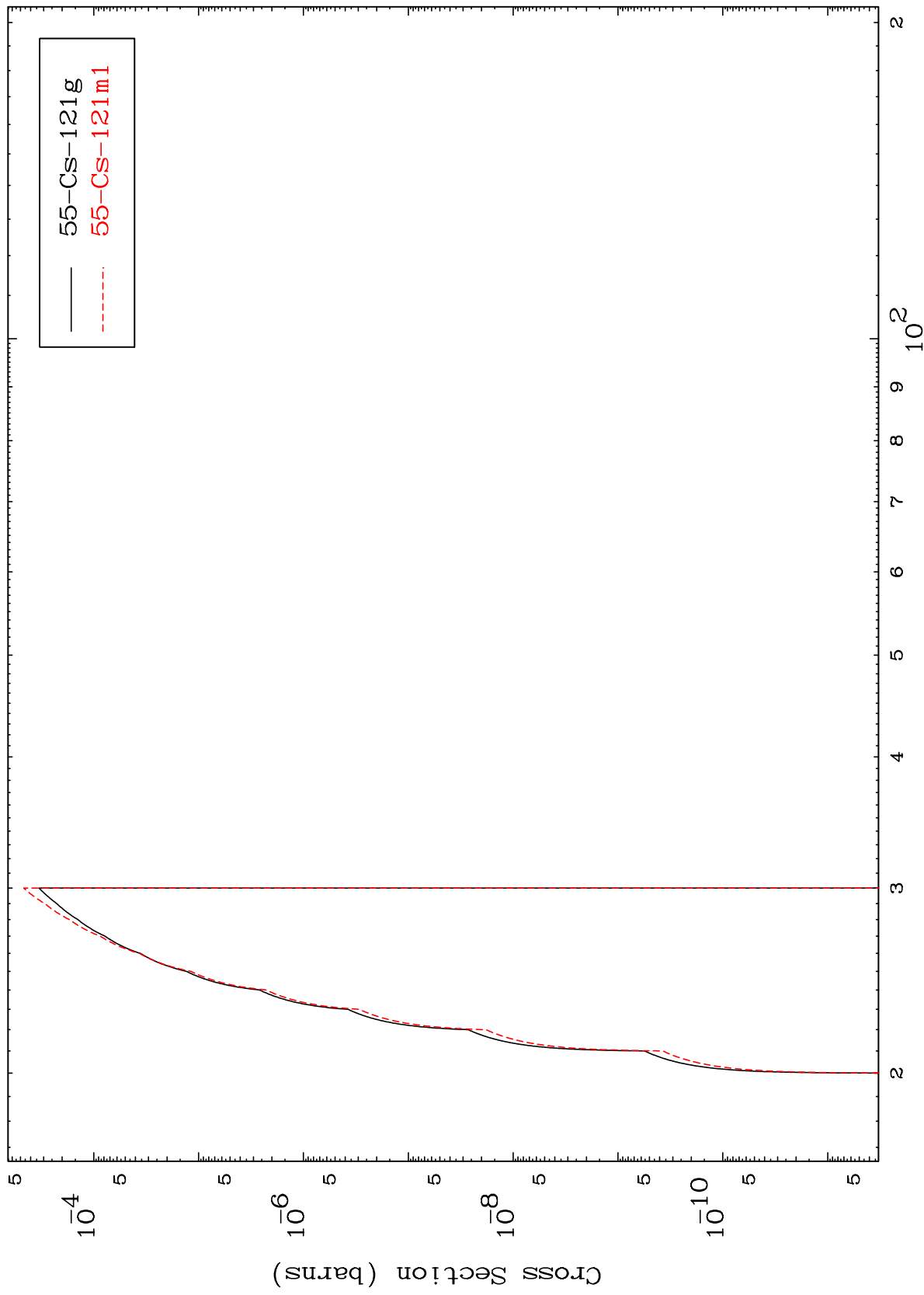
56-Ba-124

MAT 5607

(n,n') t

56-Ba-124

Radionuclide Production Cross Section



81

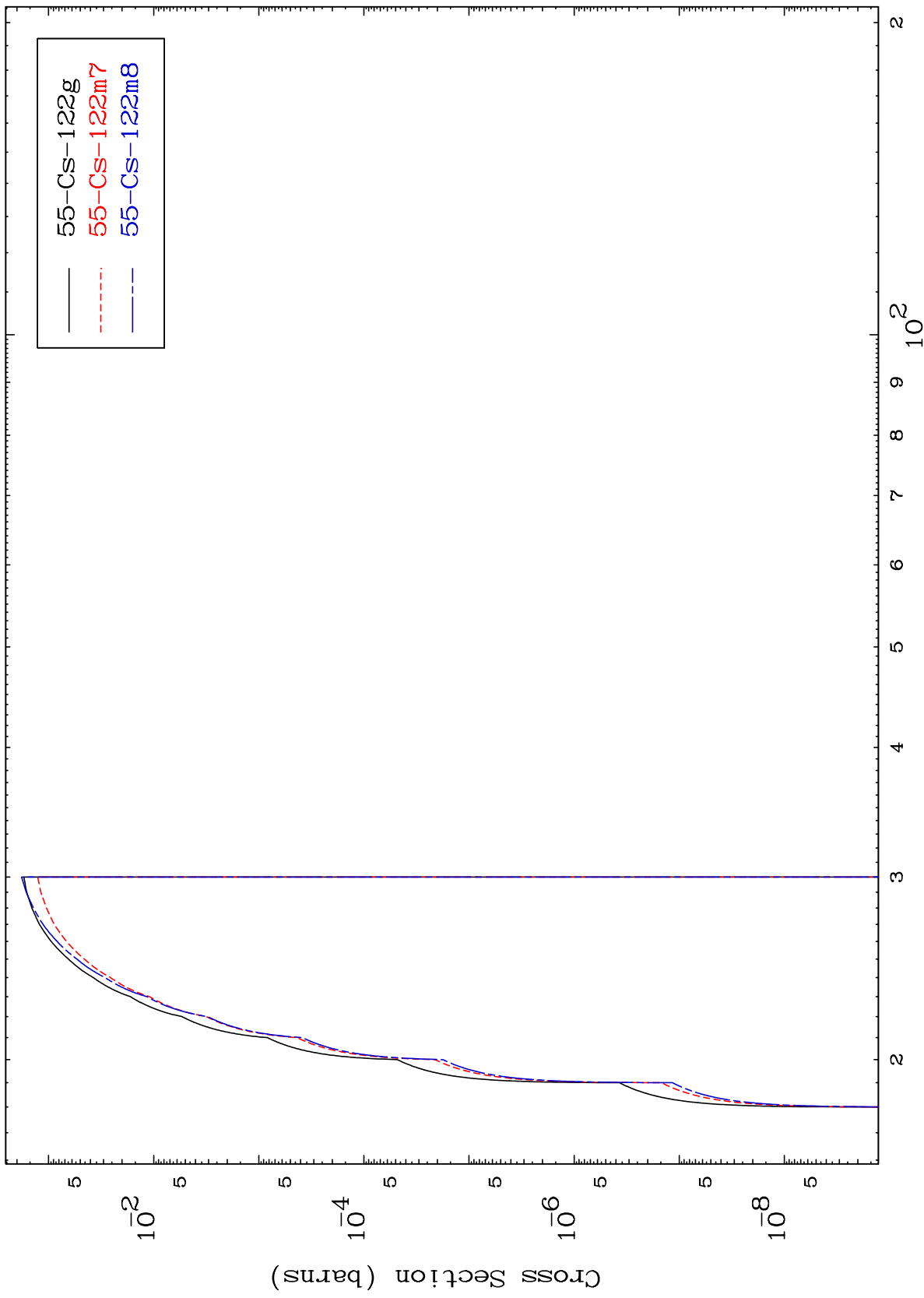
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,2n) p  
Radionuclide Production Cross Section



82

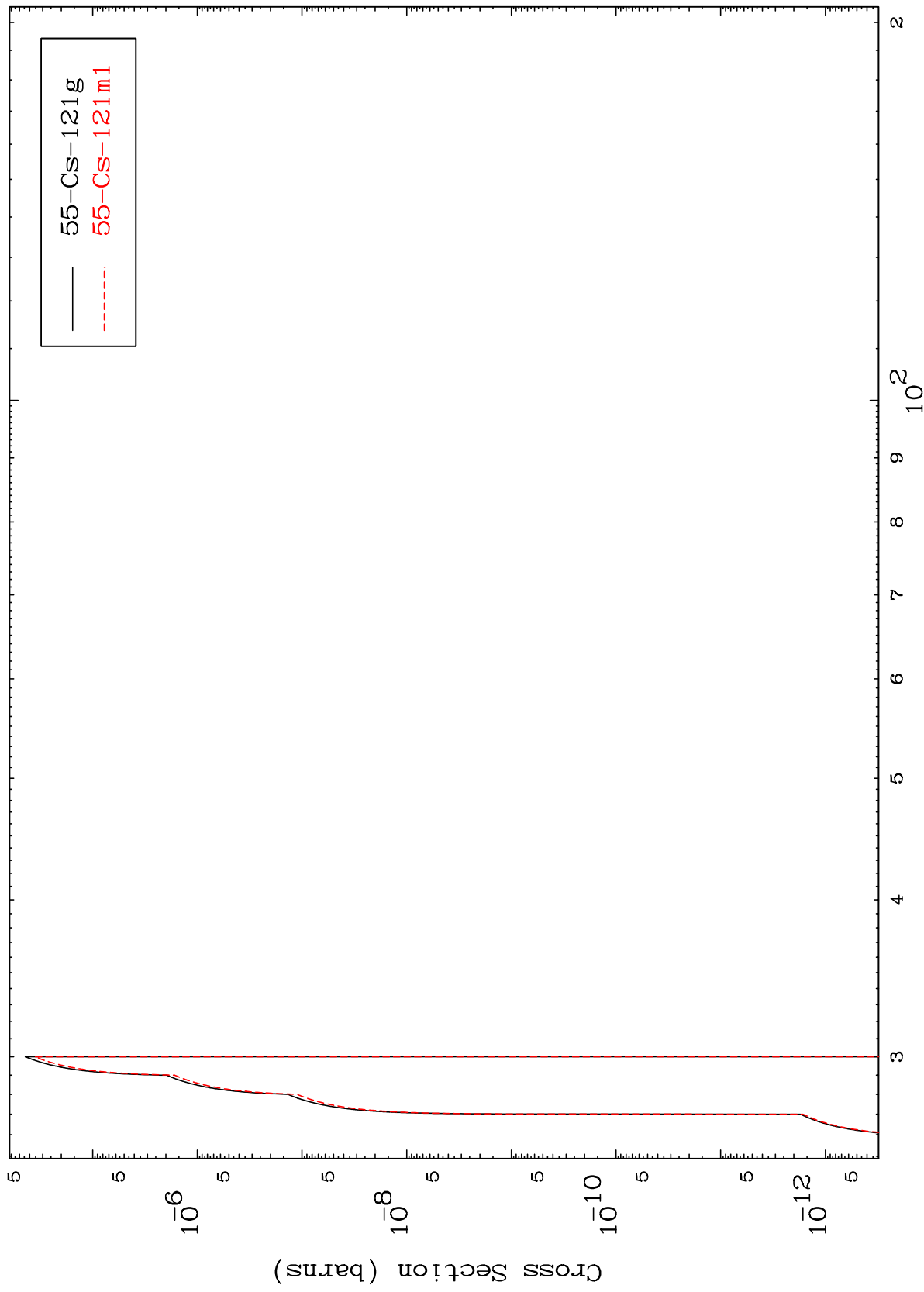
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,3n) p  
Radionuclide Production Cross Section



83

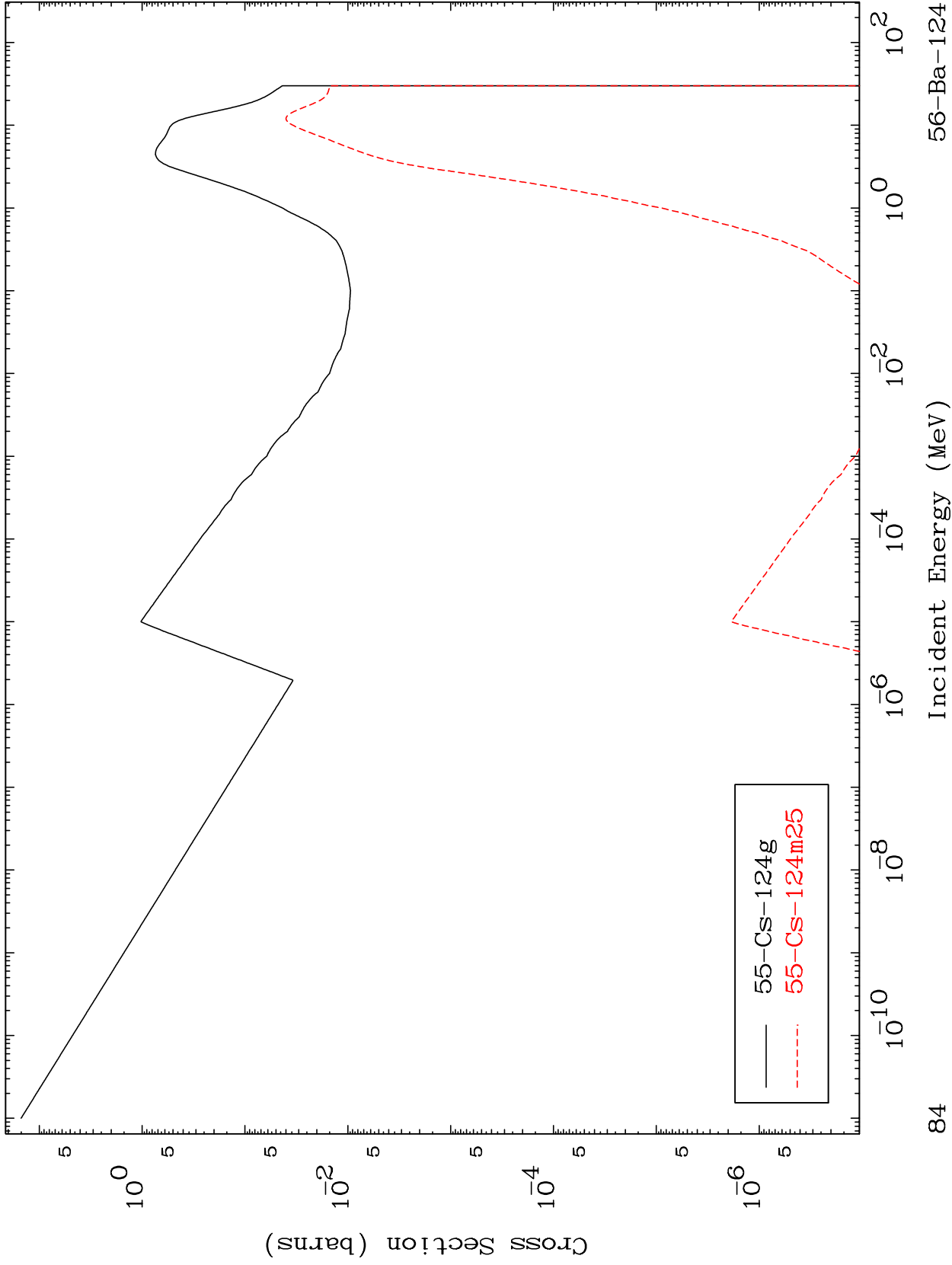
56-Ba-124

Incident Energy (MeV)

MAT 5607

56-Ba-124

(n,p)  
Radionuclide Production Cross Section



84

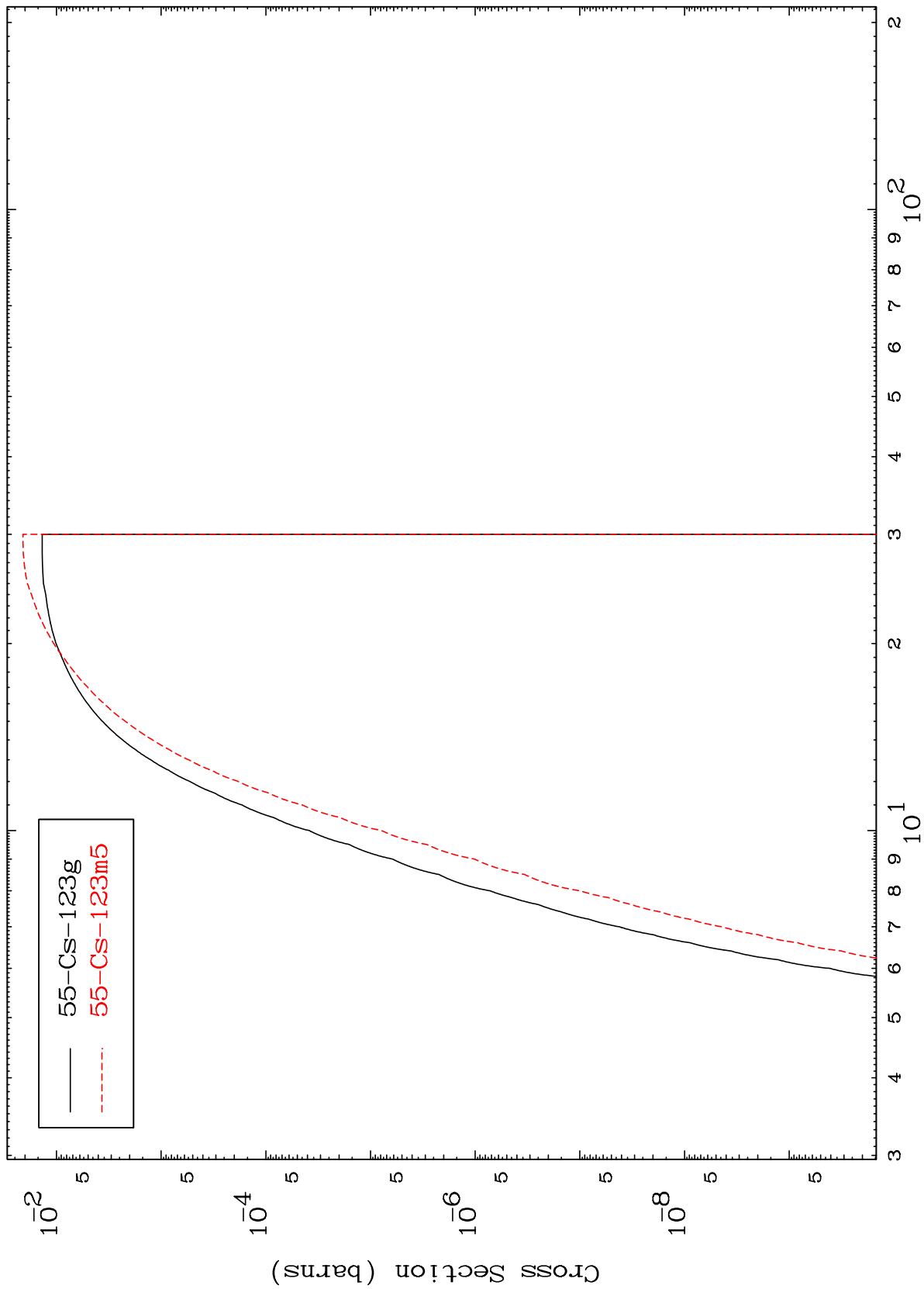
56-Ba-124

MAT 5607

(n,d)

56-Ba-124

Radionuclide Production Cross Section



85

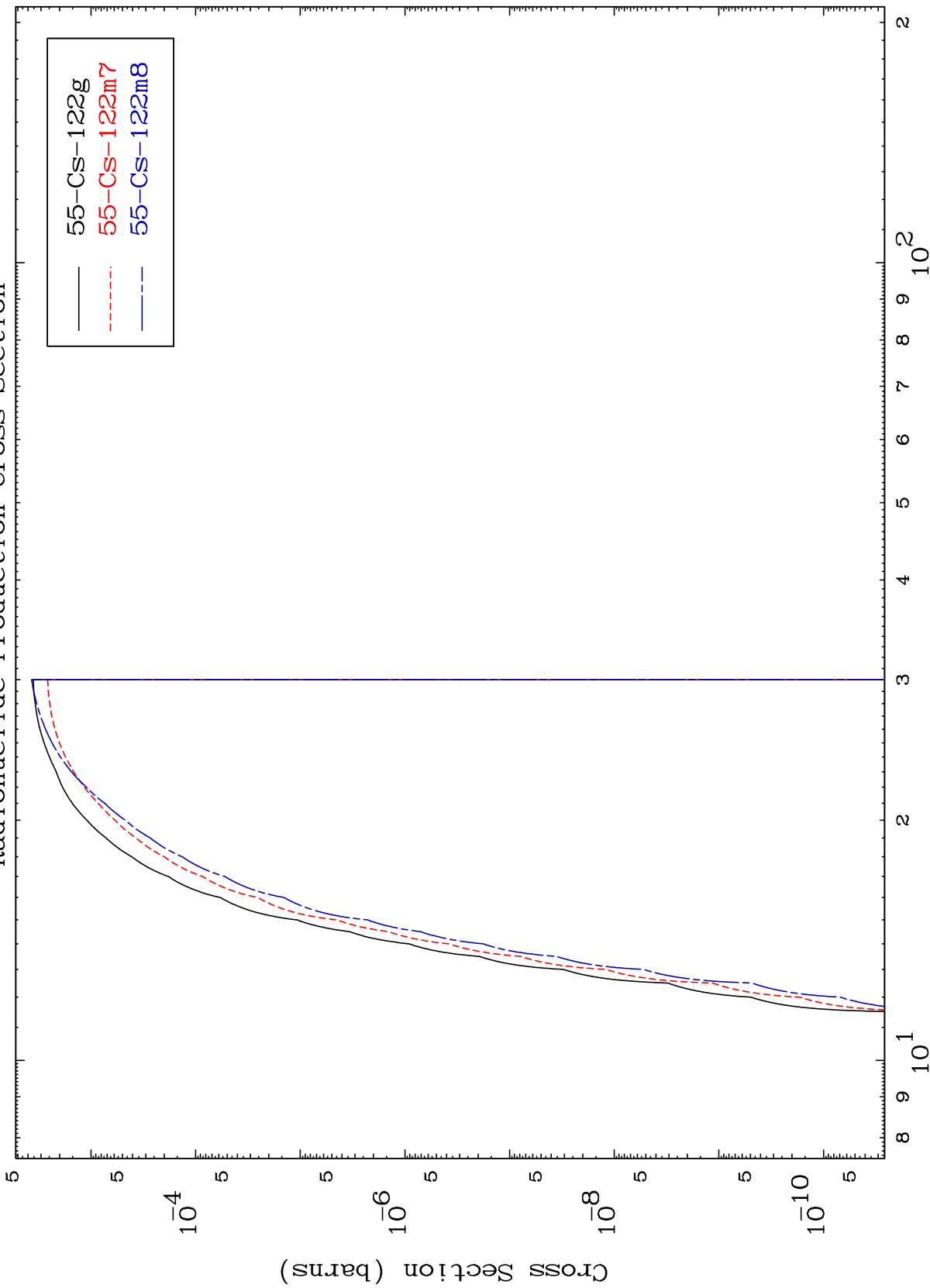
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,t)  
Radionuclide Production Cross Section



86

Incident Energy (MeV)

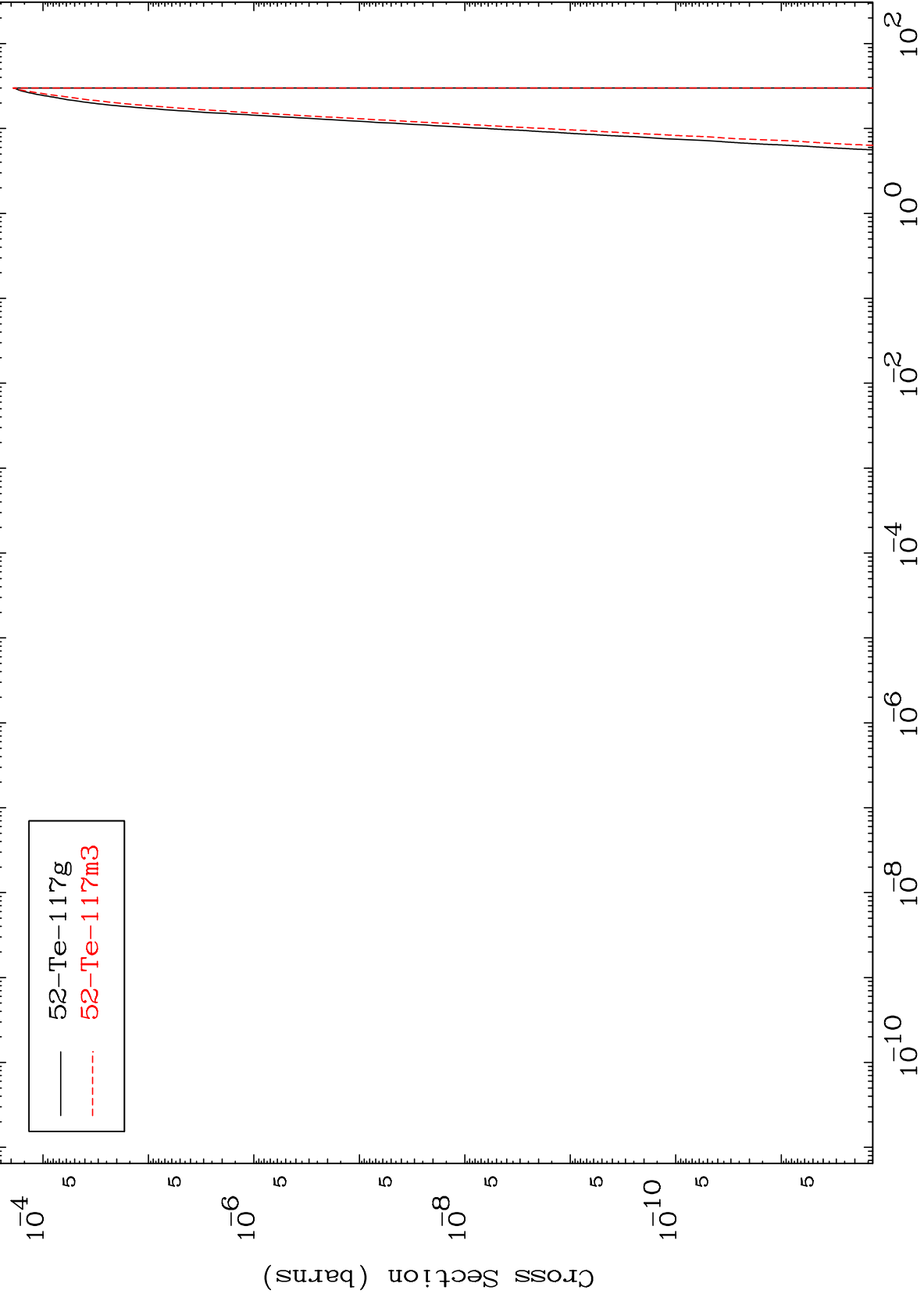
56-Ba-124

MAT 5607

(n,2α)

56-Ba-124

Radionuclide Production Cross Section



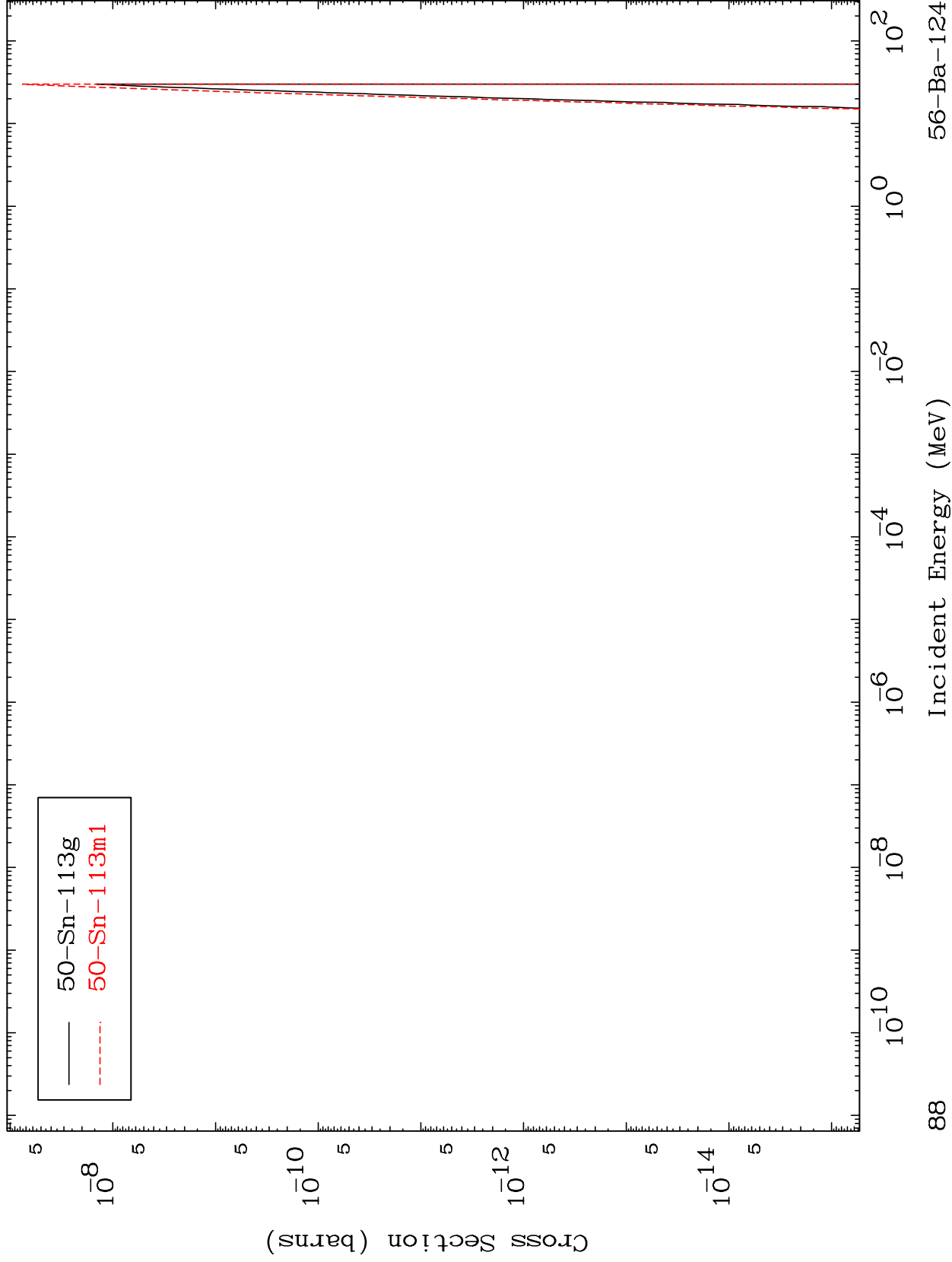


MAT 5607

(n, 3α)

56-Ba-124

Radionuclide Production Cross Section



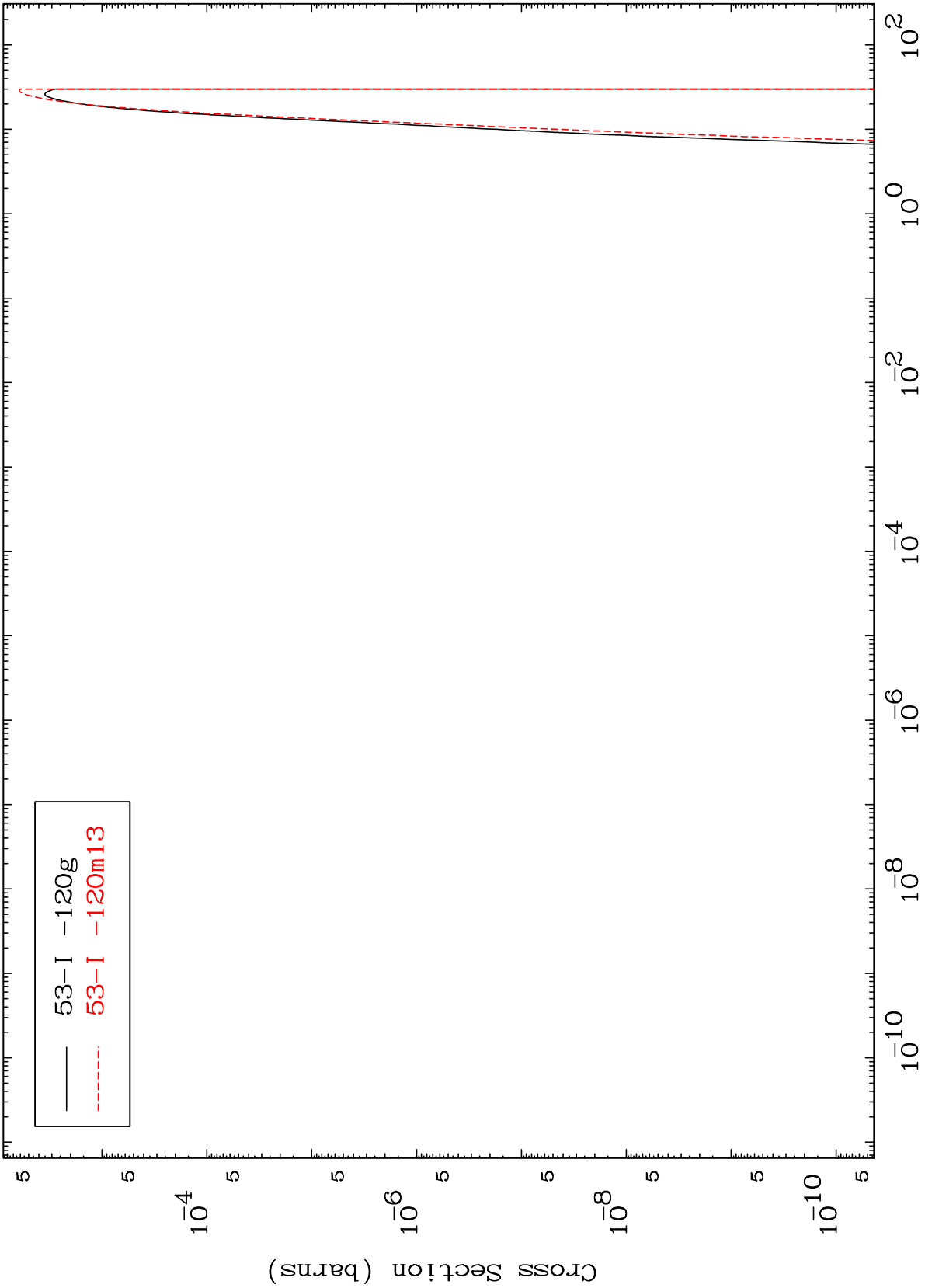
88

MAT 5607

(n,p)  $\alpha$

56-Ba-124

Radionuclide Production Cross Section



89

Incident Energy (MeV)

56-Ba-124