

Program EVALPLOT  
(Version 2015-2)

by

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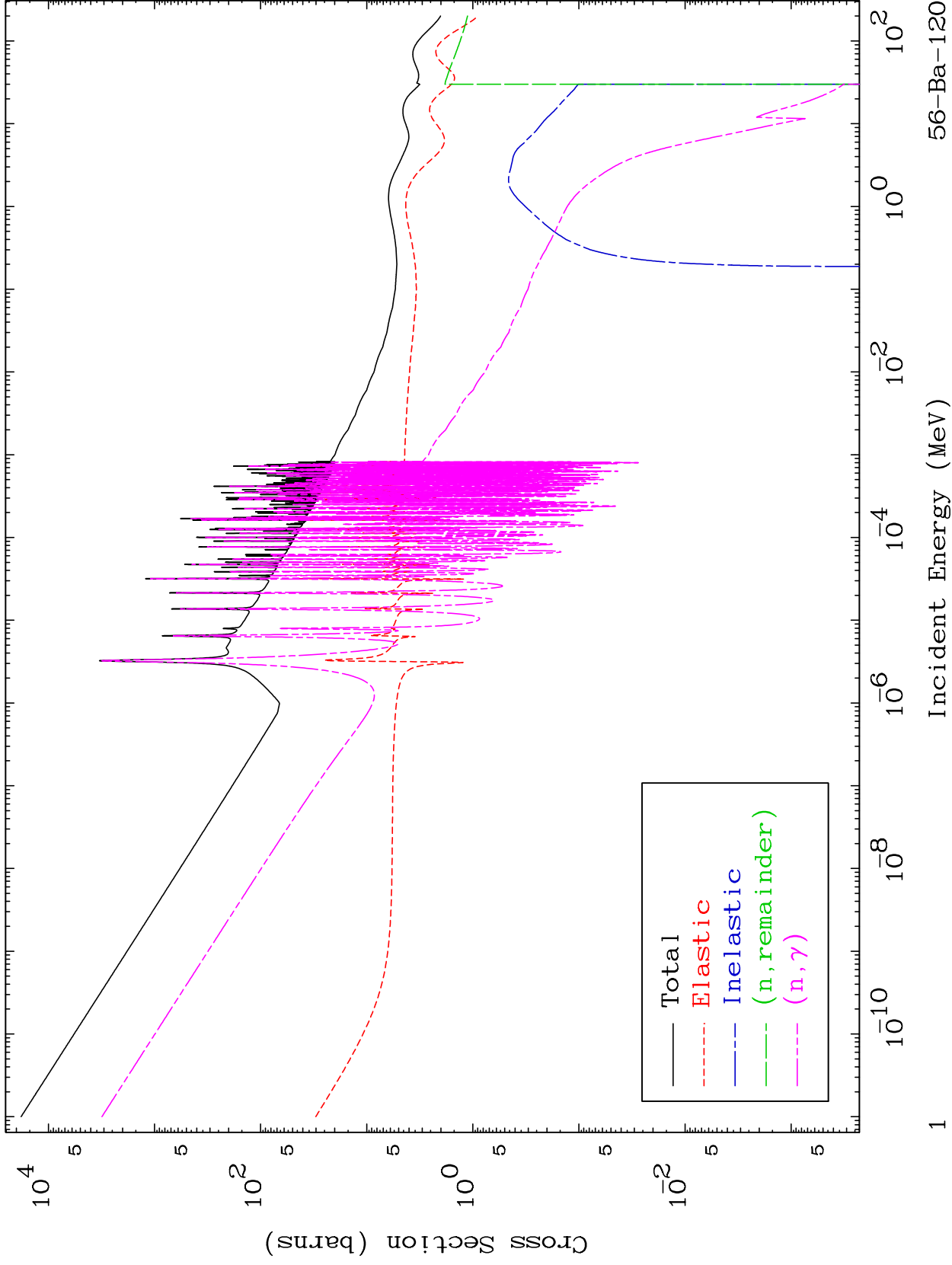
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5595

Major  
293 Kelvin Cross Sections

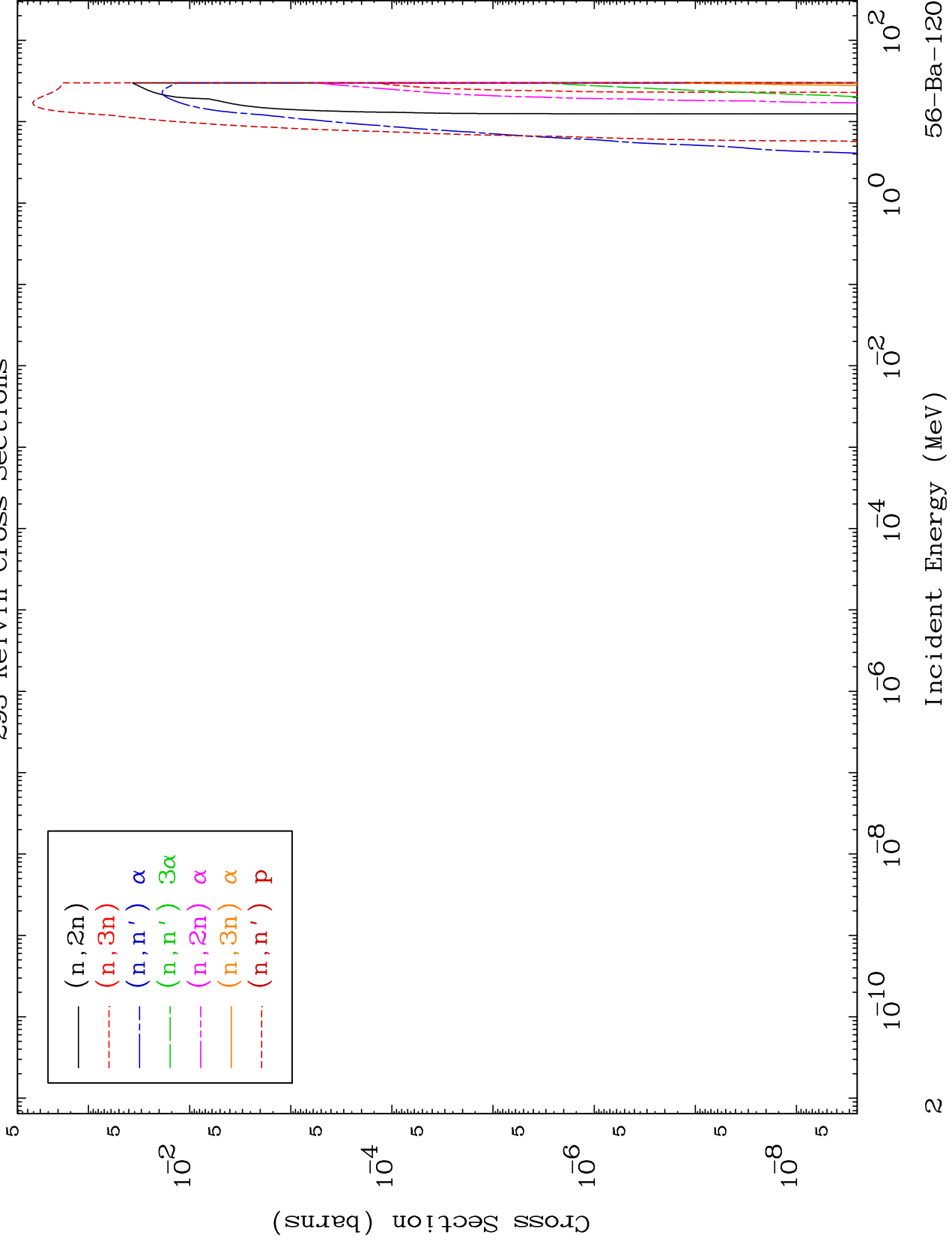
56-Ba-120



MAT 5595

Neutron Production  
293 Kelvin Cross Sections

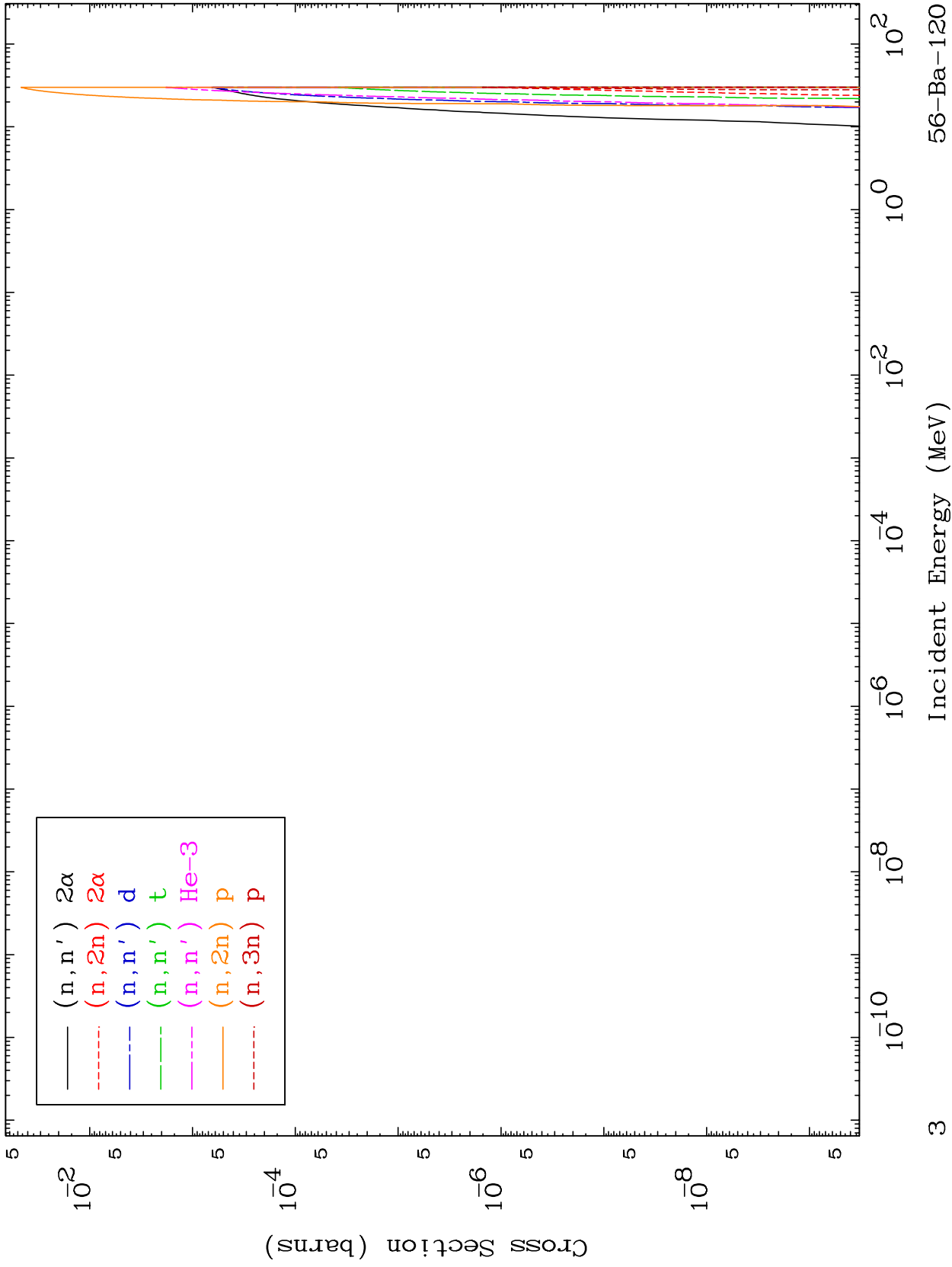
56-Ba-120



MAT 5595

Neutron Production  
293 Kelvin Cross Sections

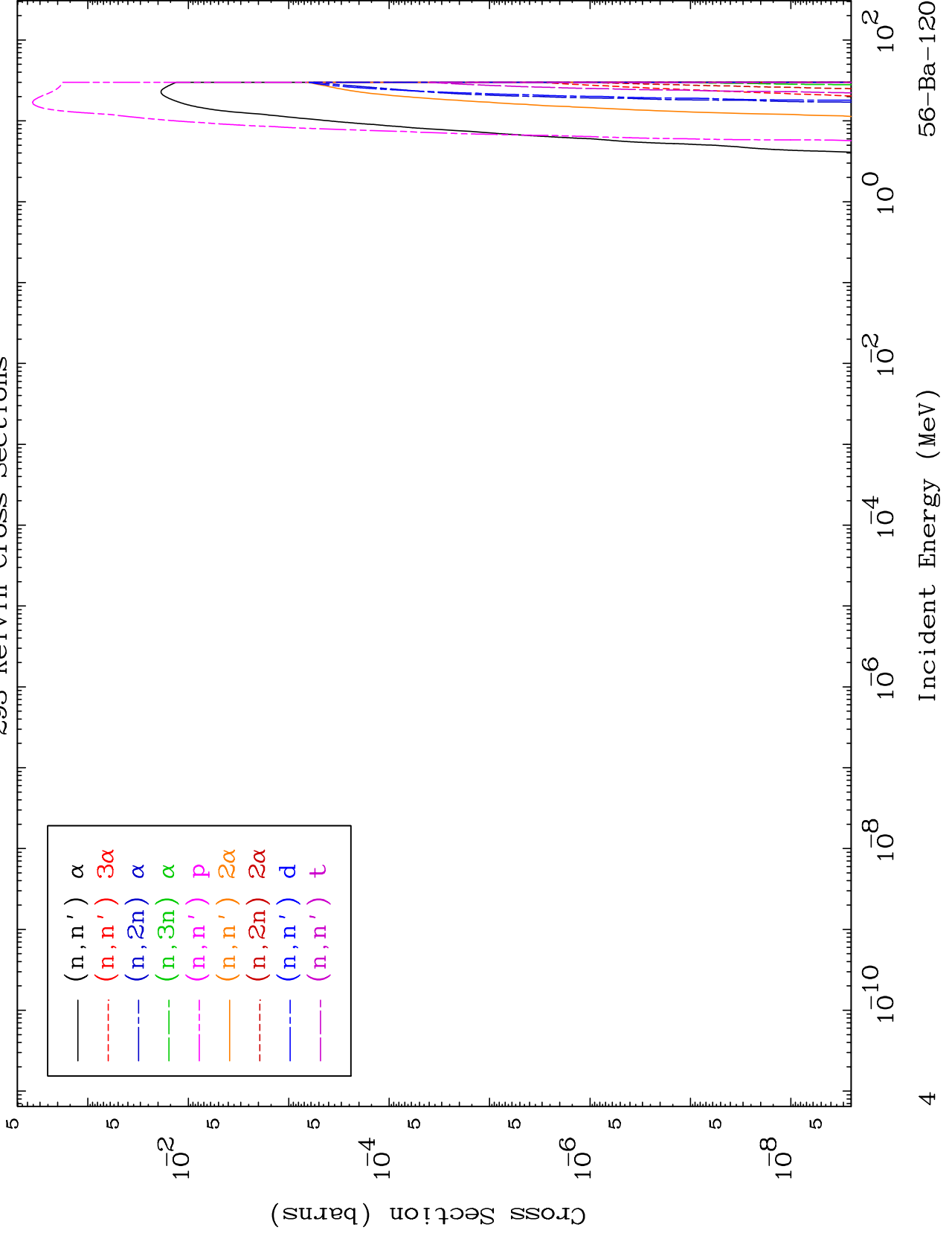
56-Ba-120



MAT 5595

Charged Particle  
293 Kelvin Cross Sections

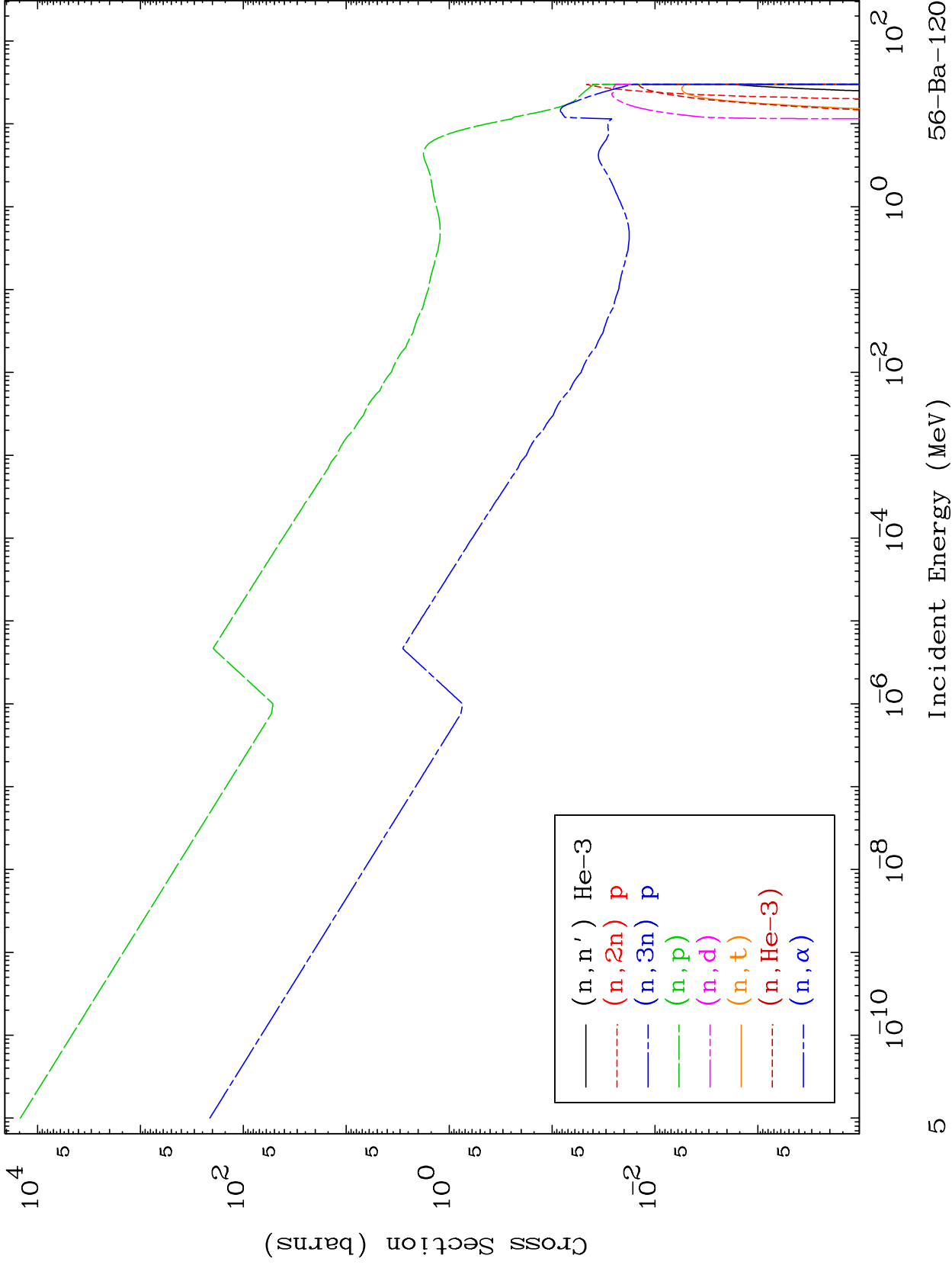
56-Ba-120



MAT 5595

Charged Particle  
293 Kelvin Cross Sections

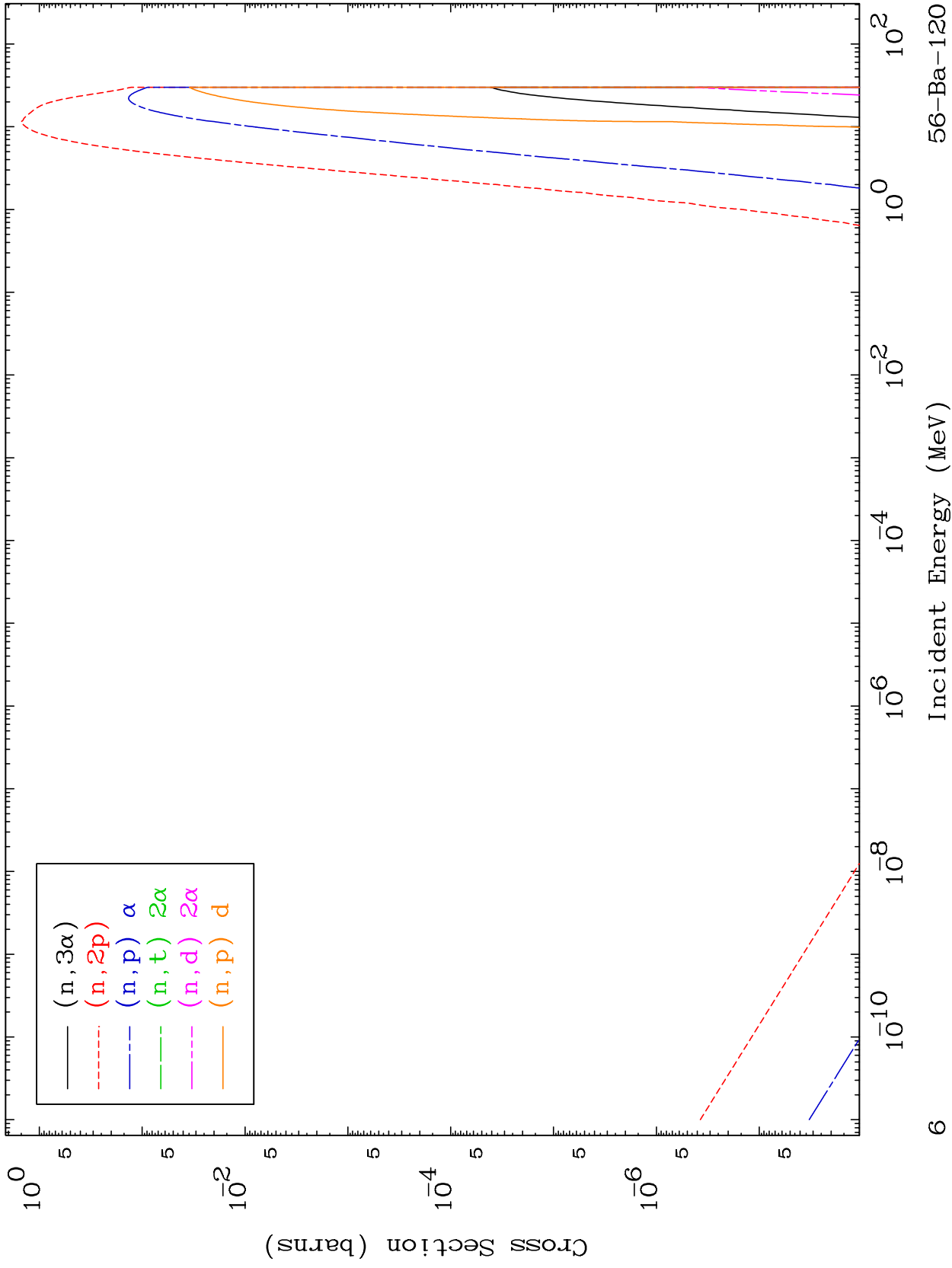
56-Ba-120



MAT 5595

Charged Particle  
293 Kelvin Cross Sections

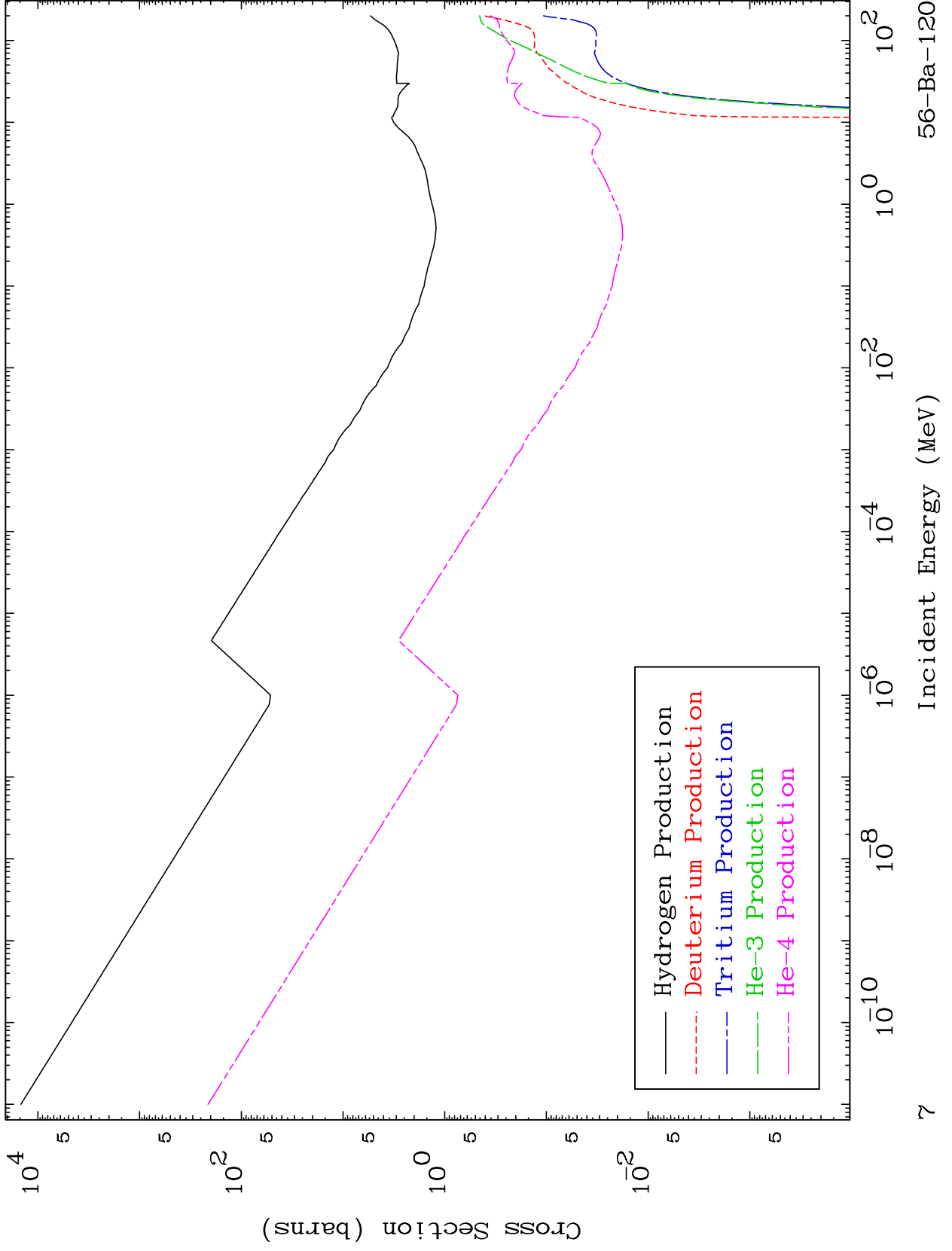
56-Ba-120



MAT 5595

Particle Production  
293 Kelvin Cross Sections

56-Ba-120

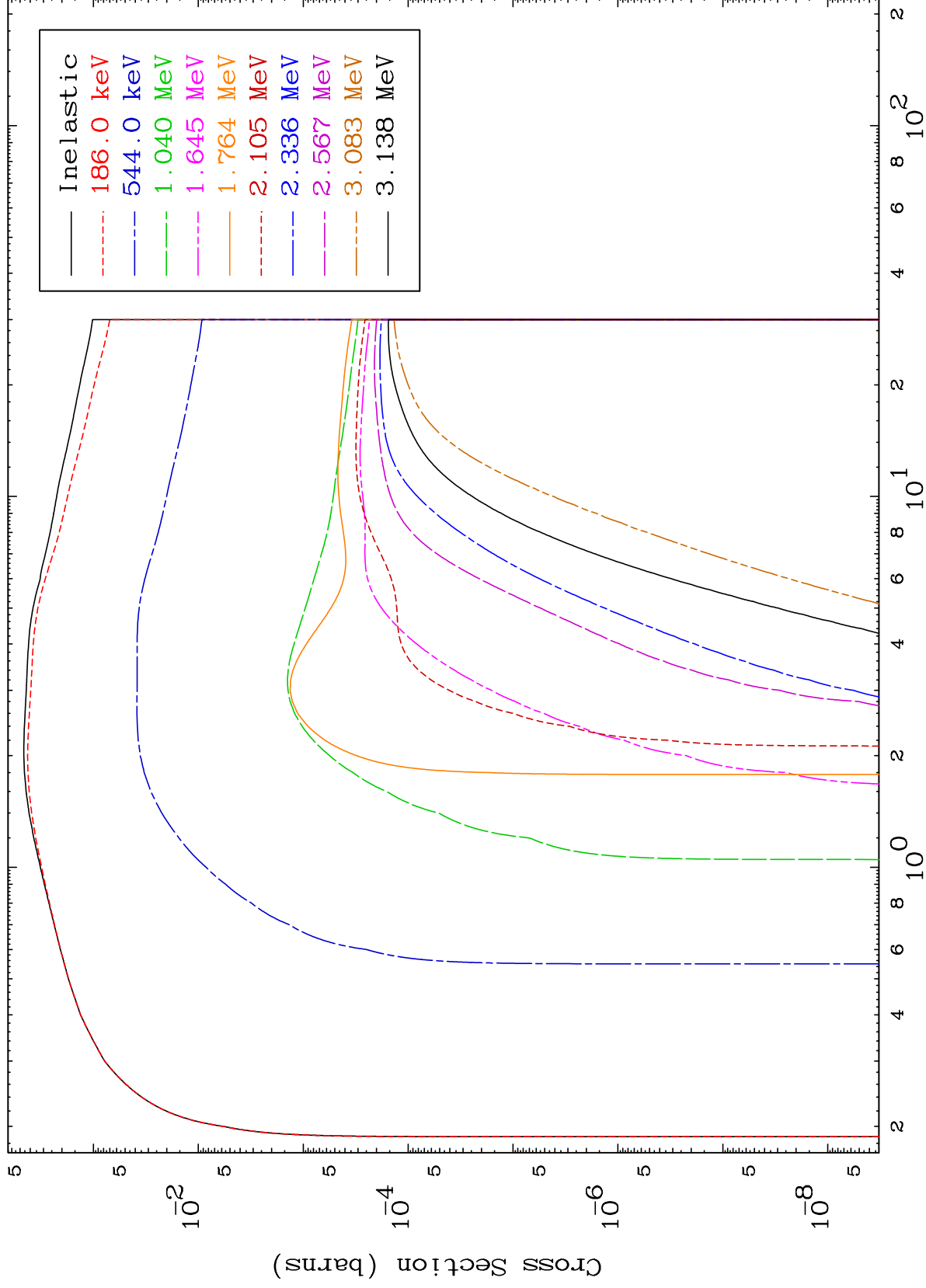




MAT 5595

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-120



8

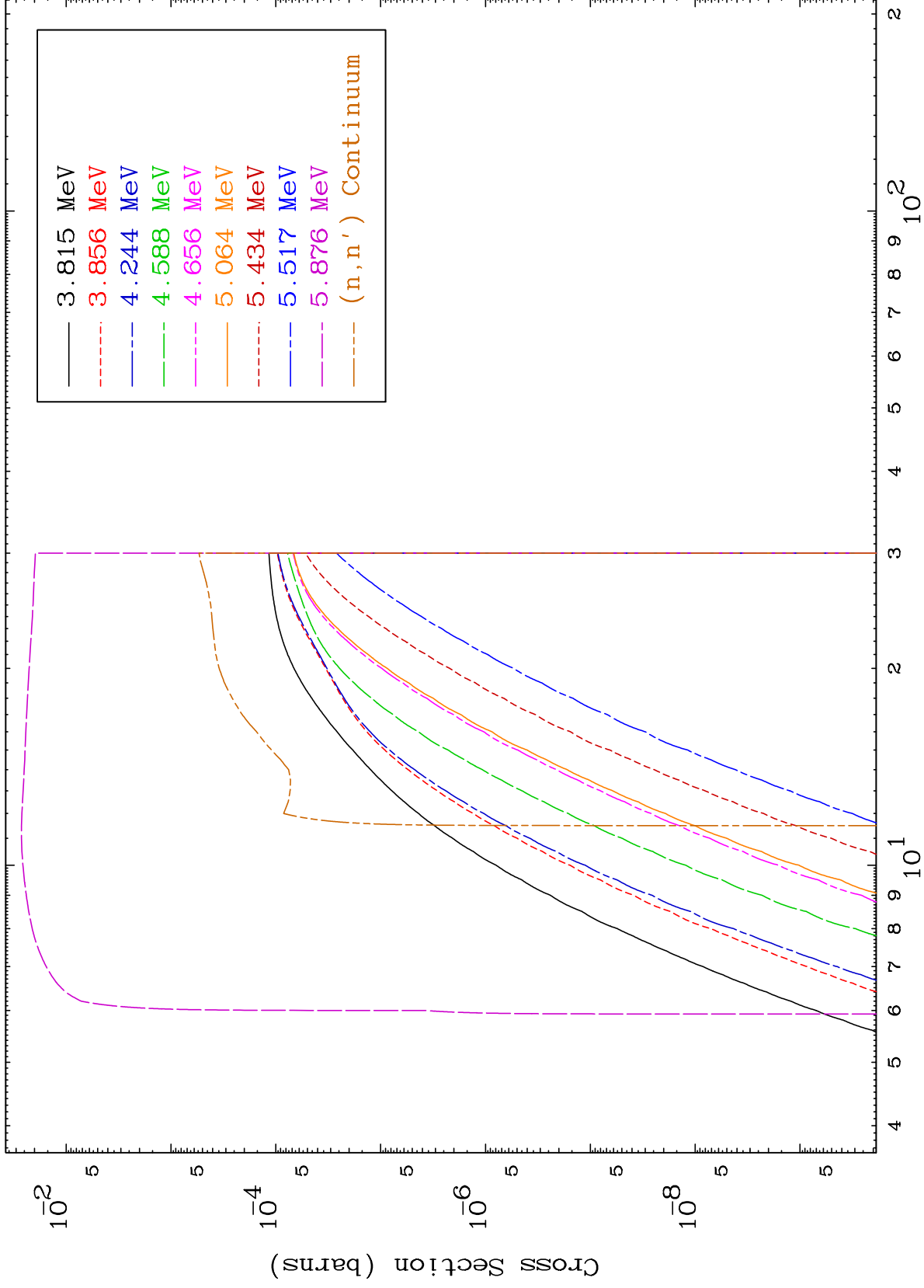
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-120



9

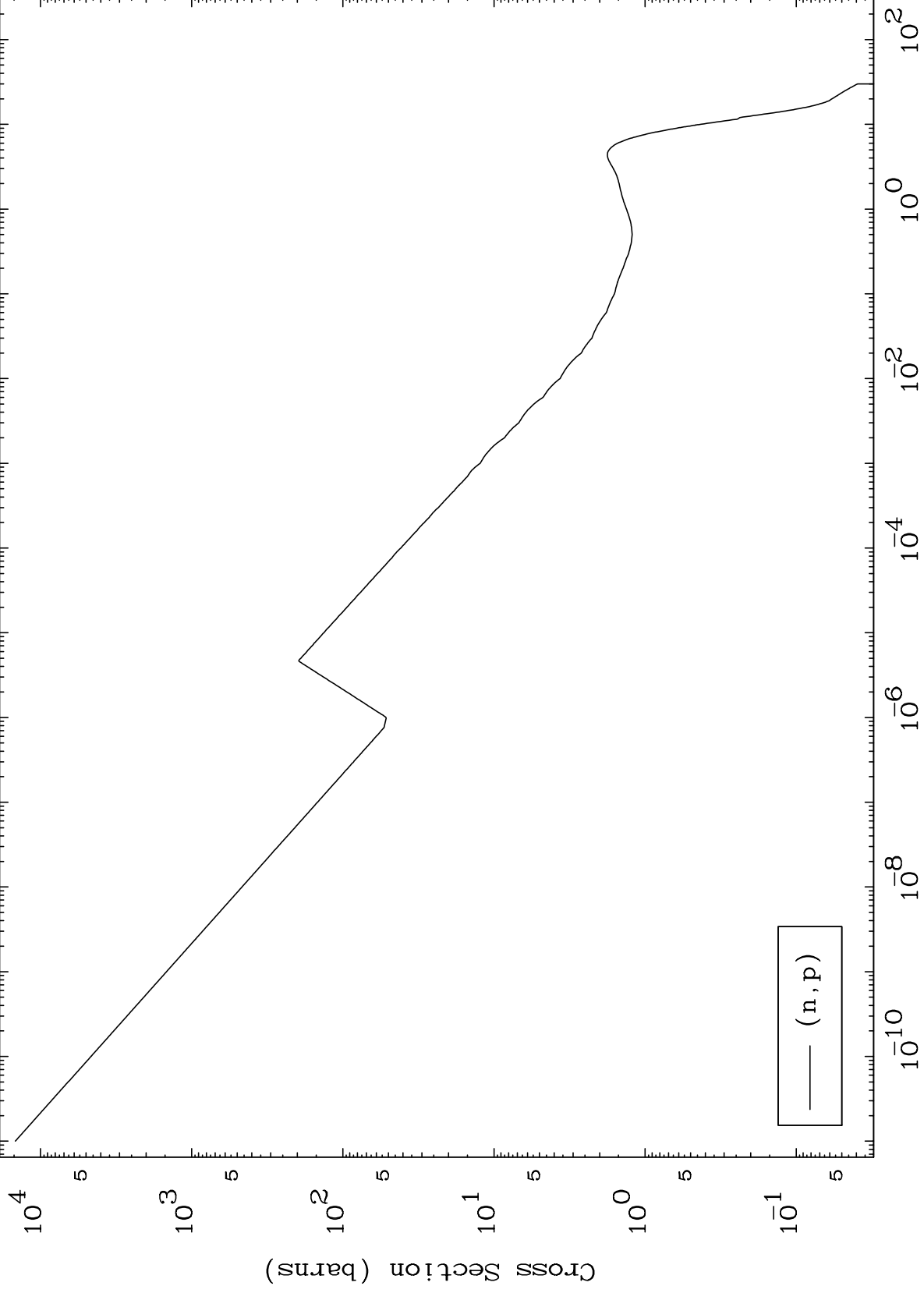
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-120



10

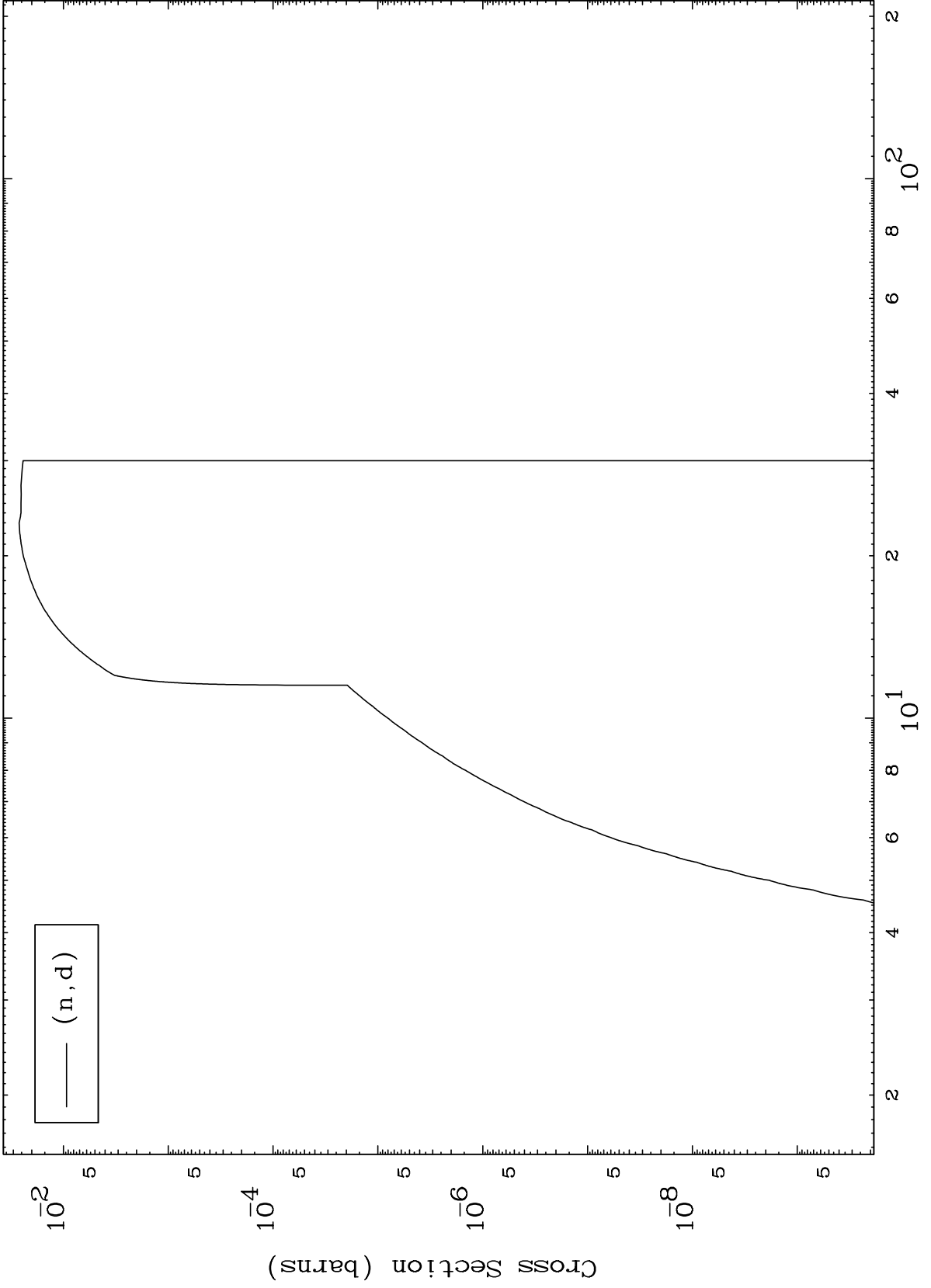
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-120



11

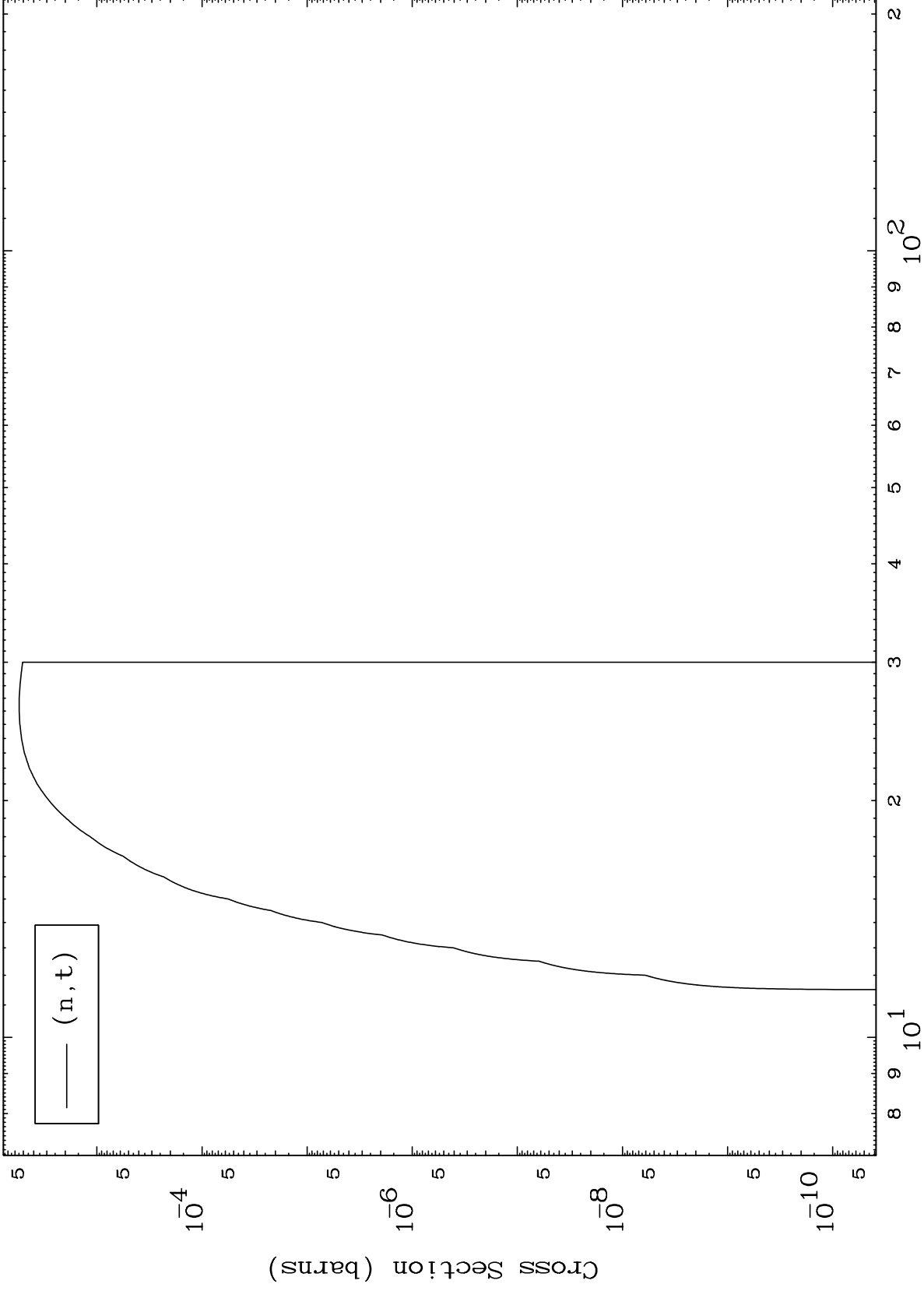
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-120



12

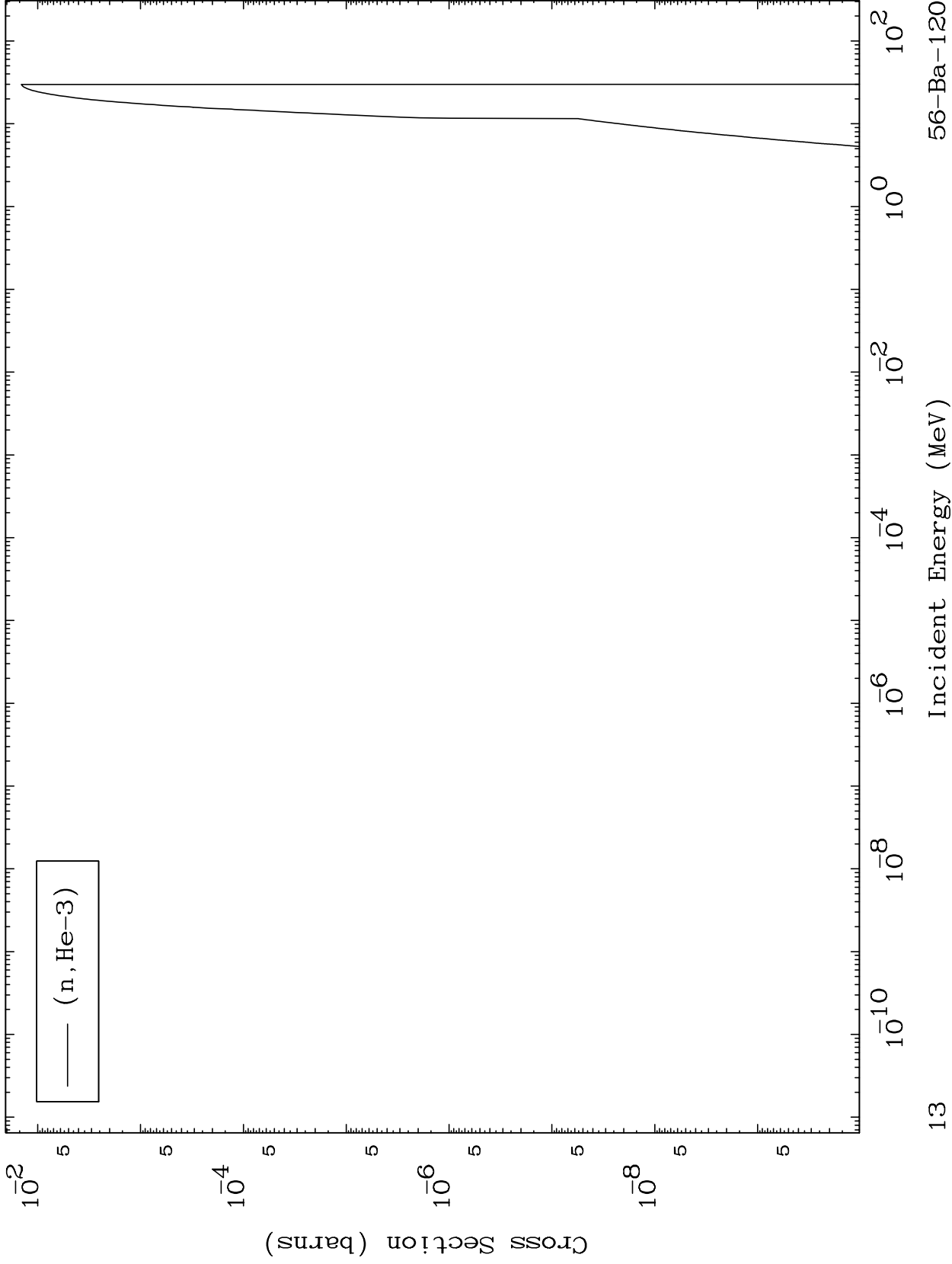
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,He3) Levels  
293 Kelvin Cross Sections

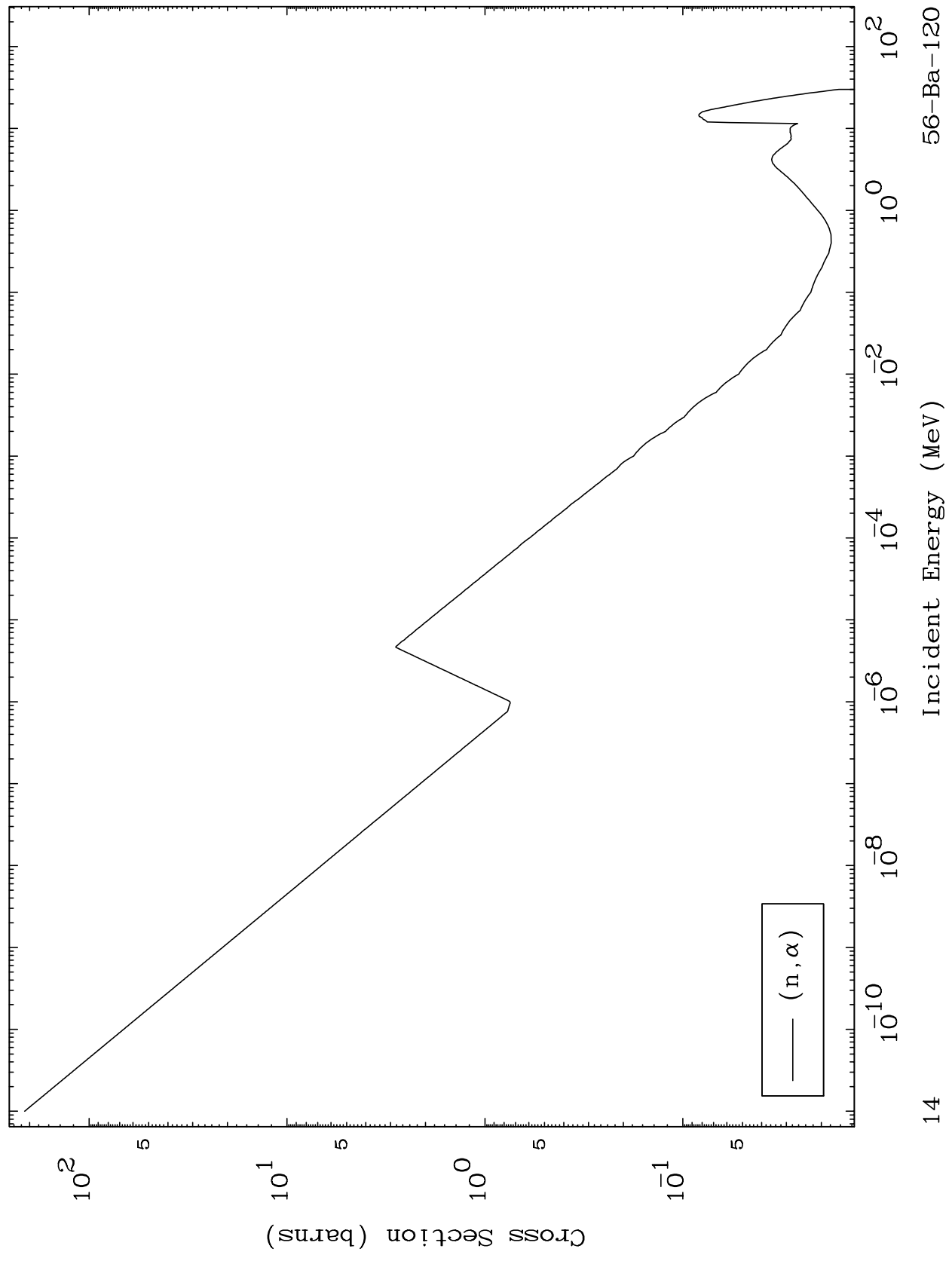
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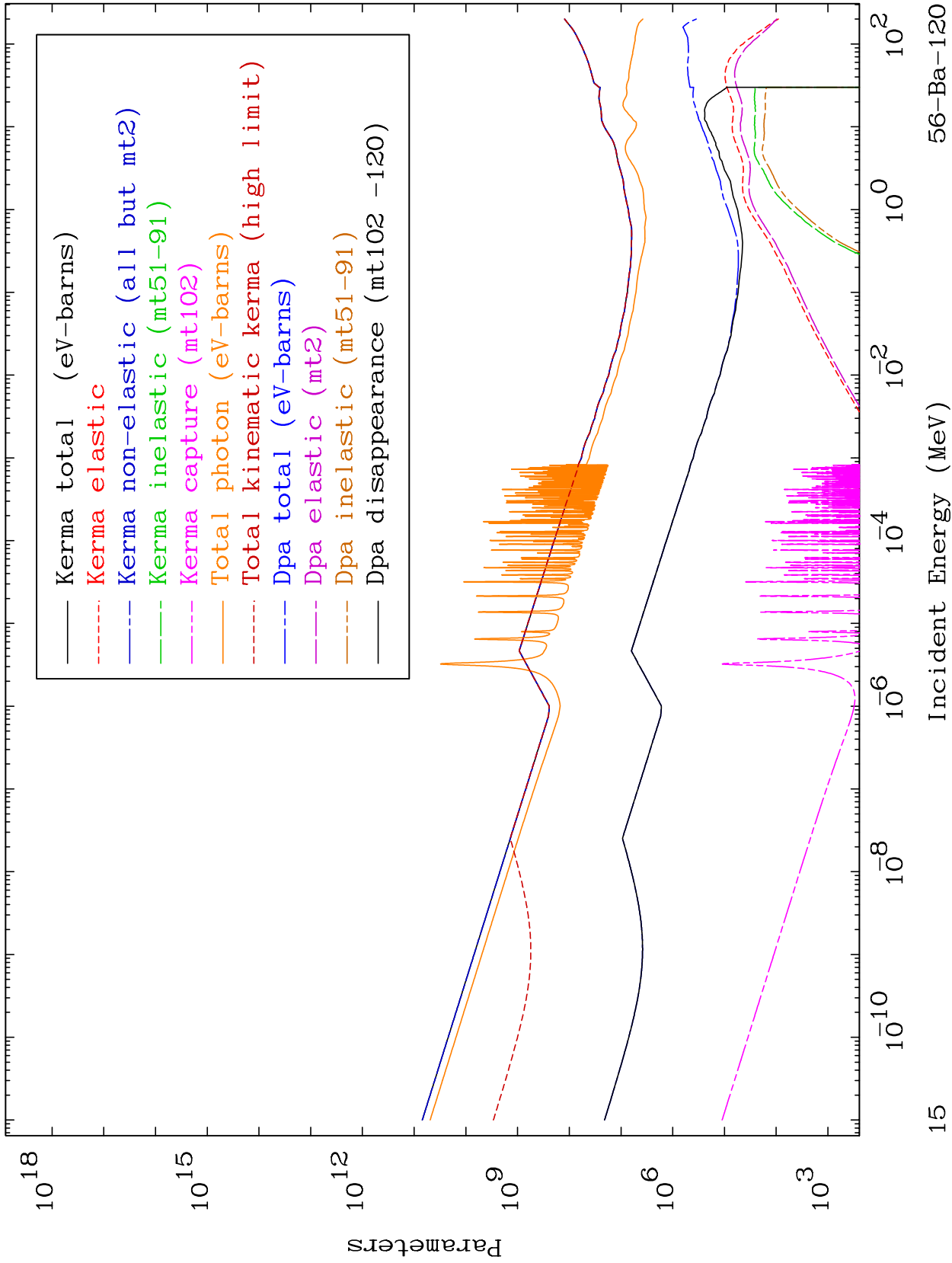


MAT 5595

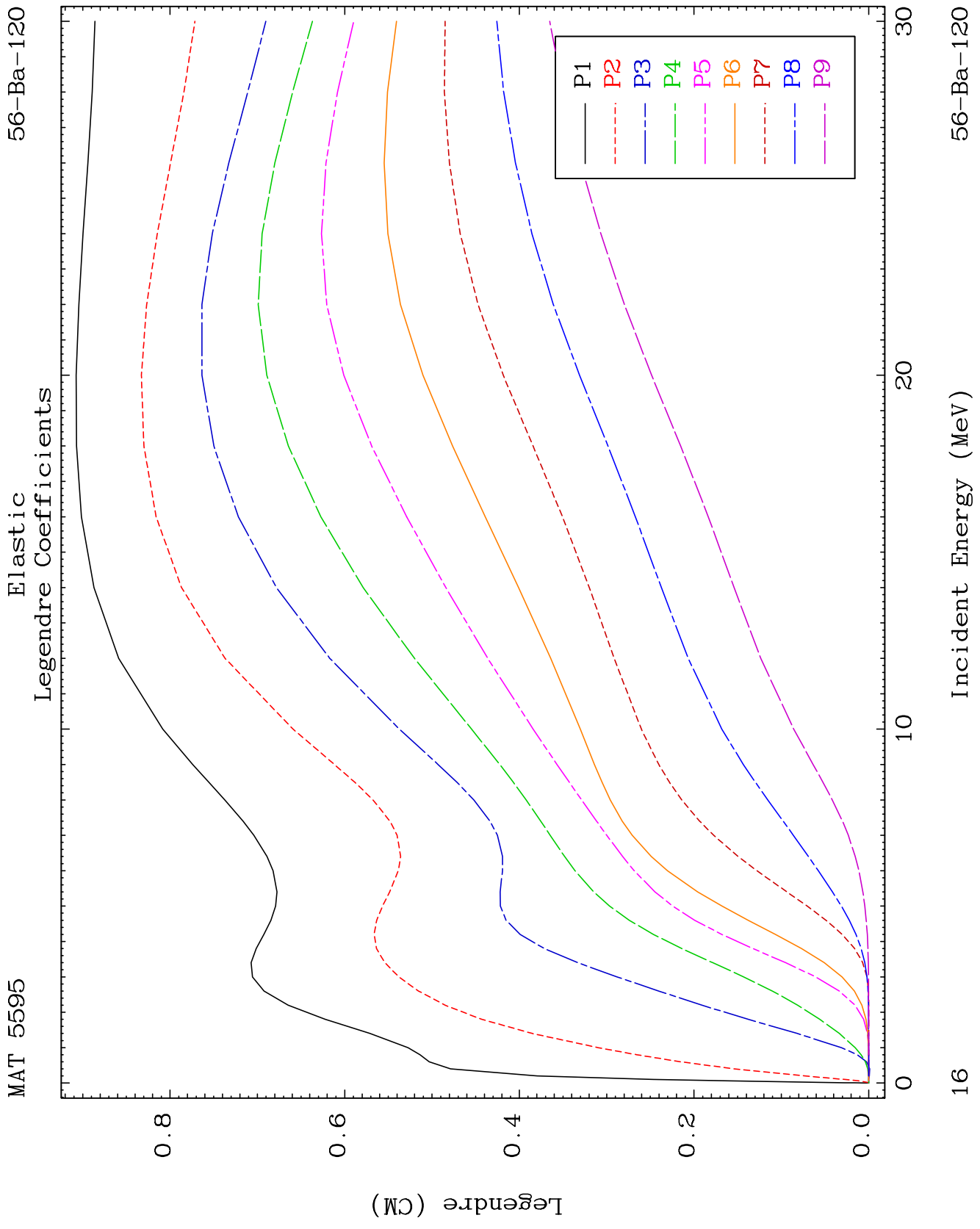
(n,α) Levels  
293 Kelvin Cross Sections

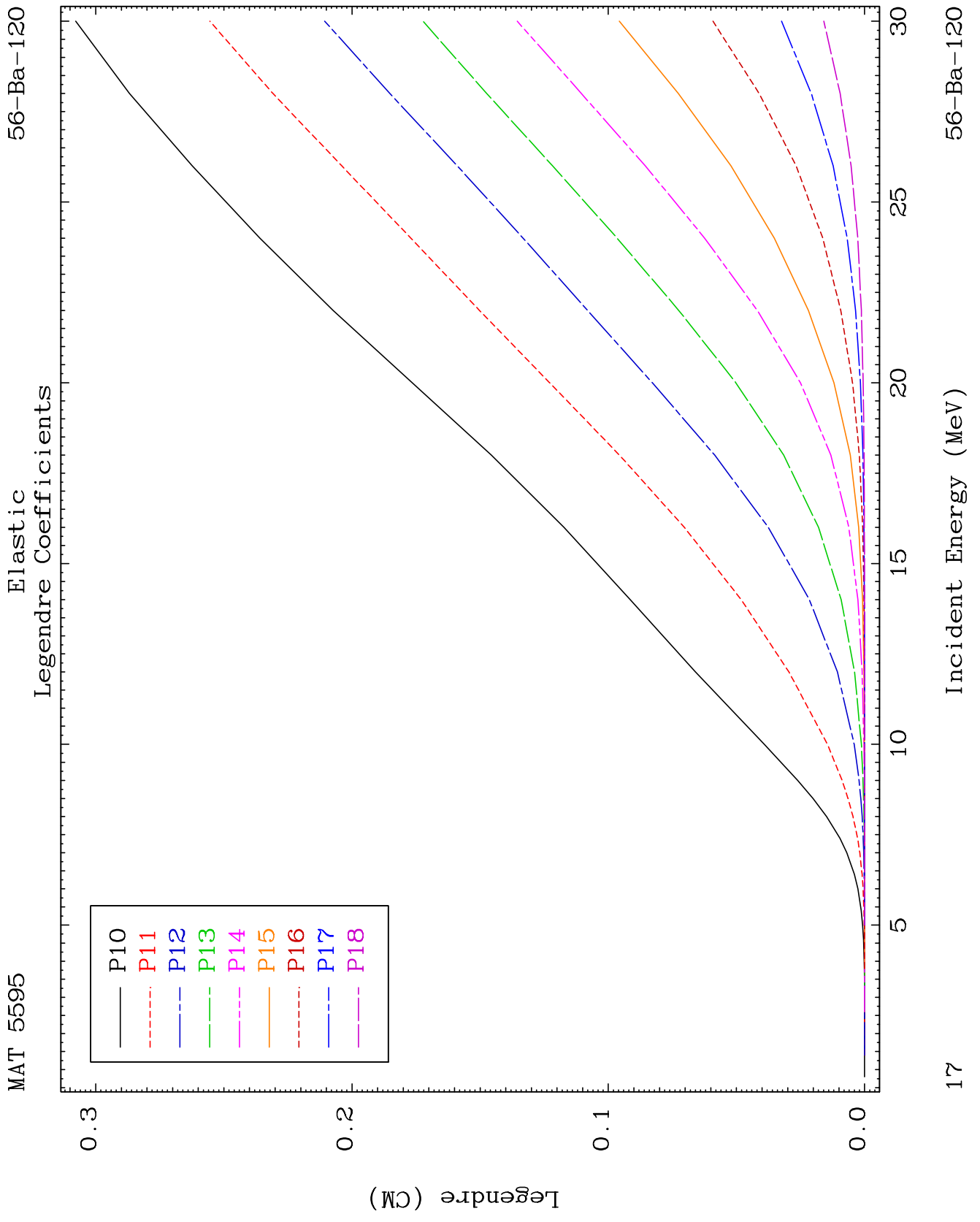
56-Ba-120









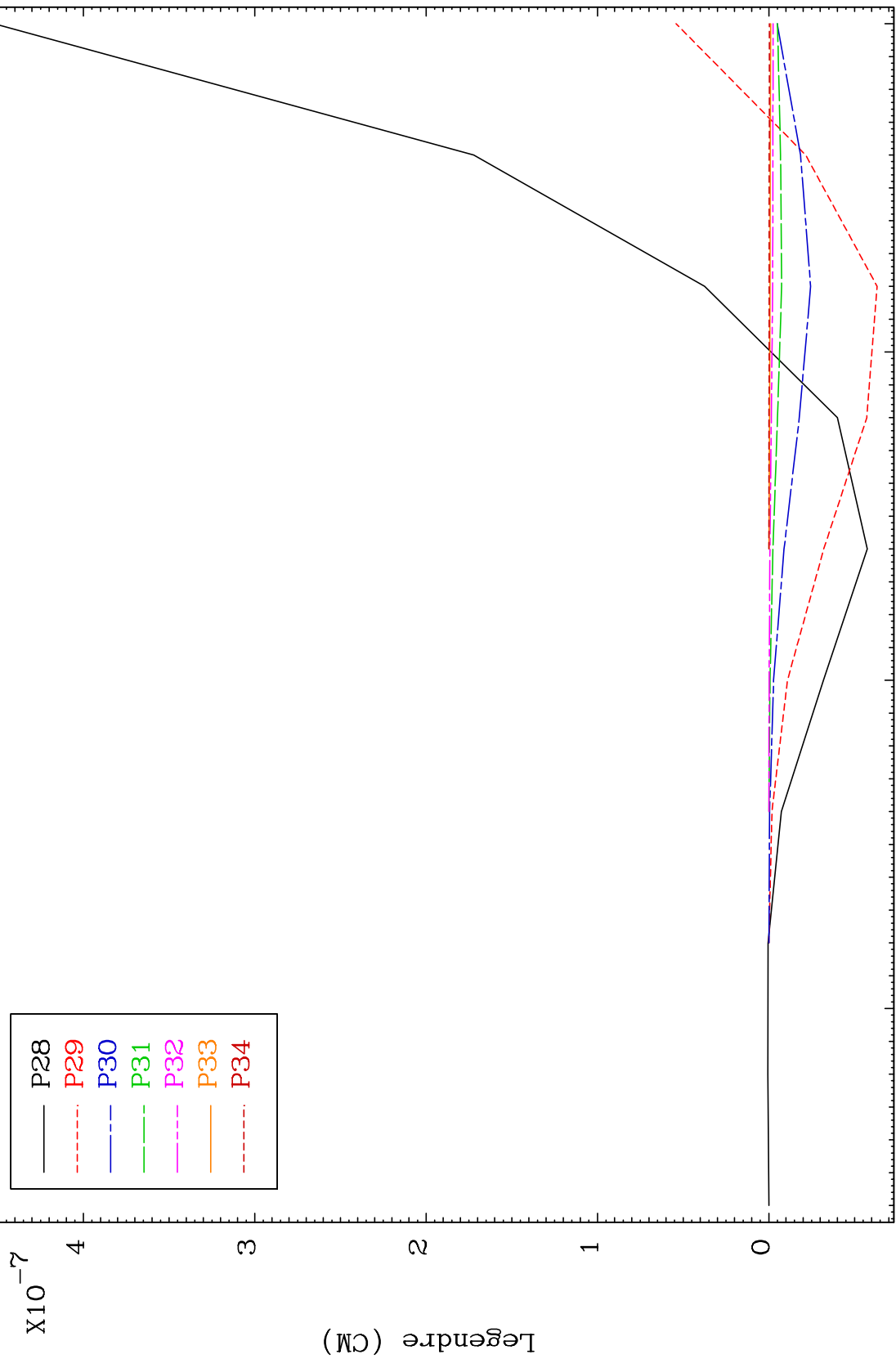
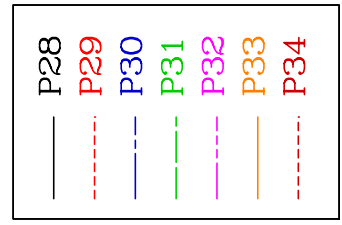




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Elastic Legendre Coefficients

56-Ba-120



19

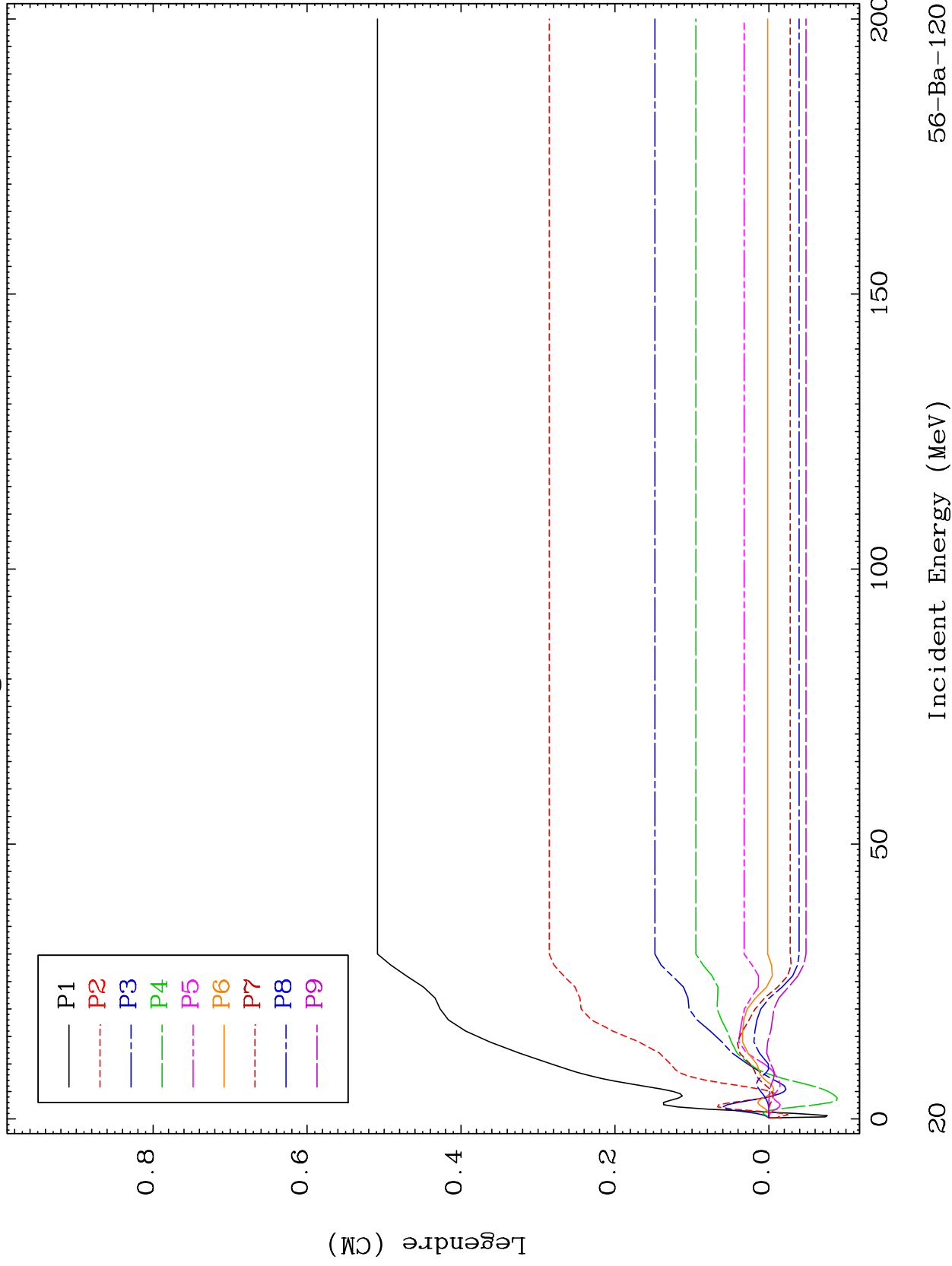
Incident Energy (MeV)

56-Ba-120

MAT 5595

186.0 keV (n,n') Level  
Legendre Coefficients

56-Ba-120

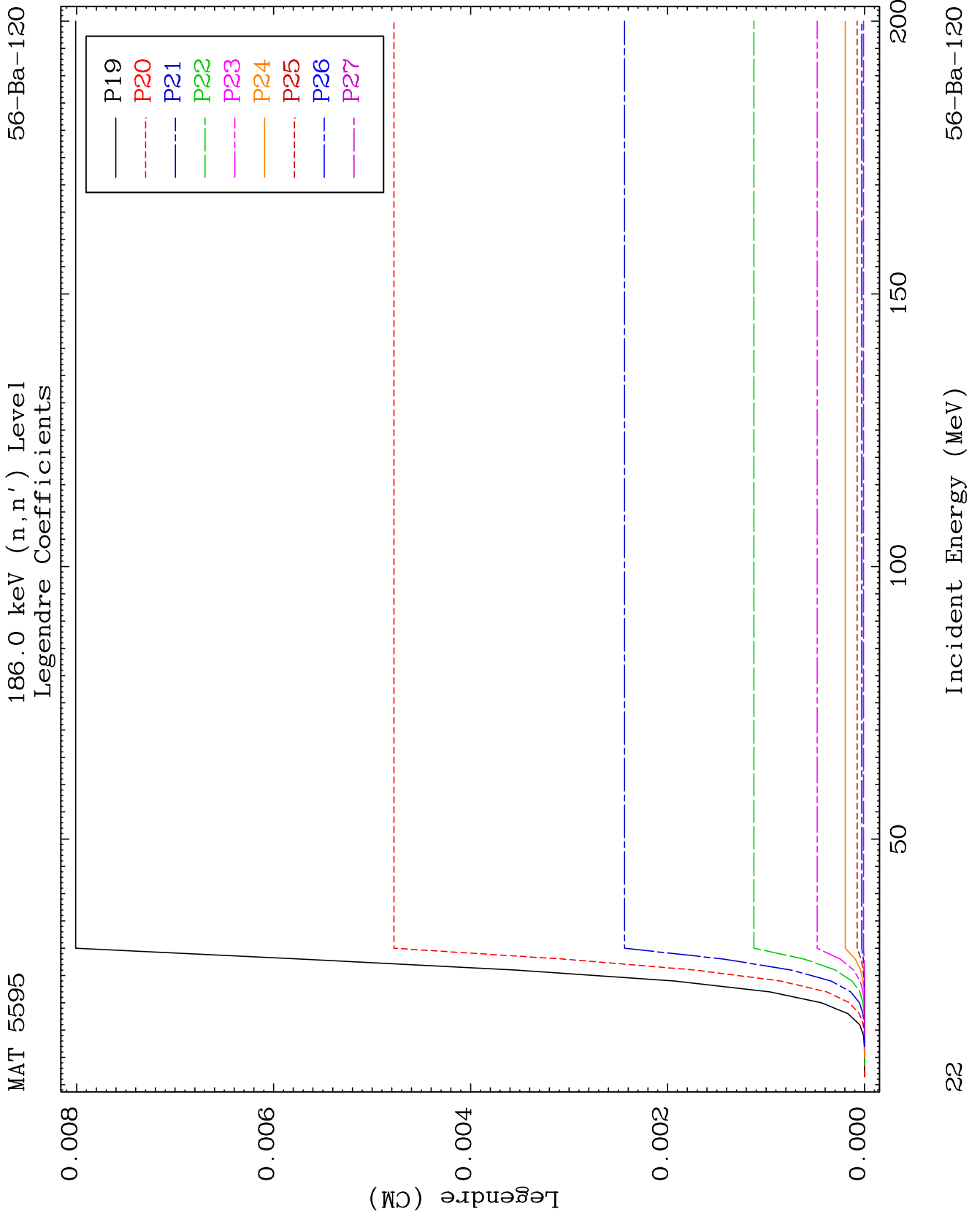


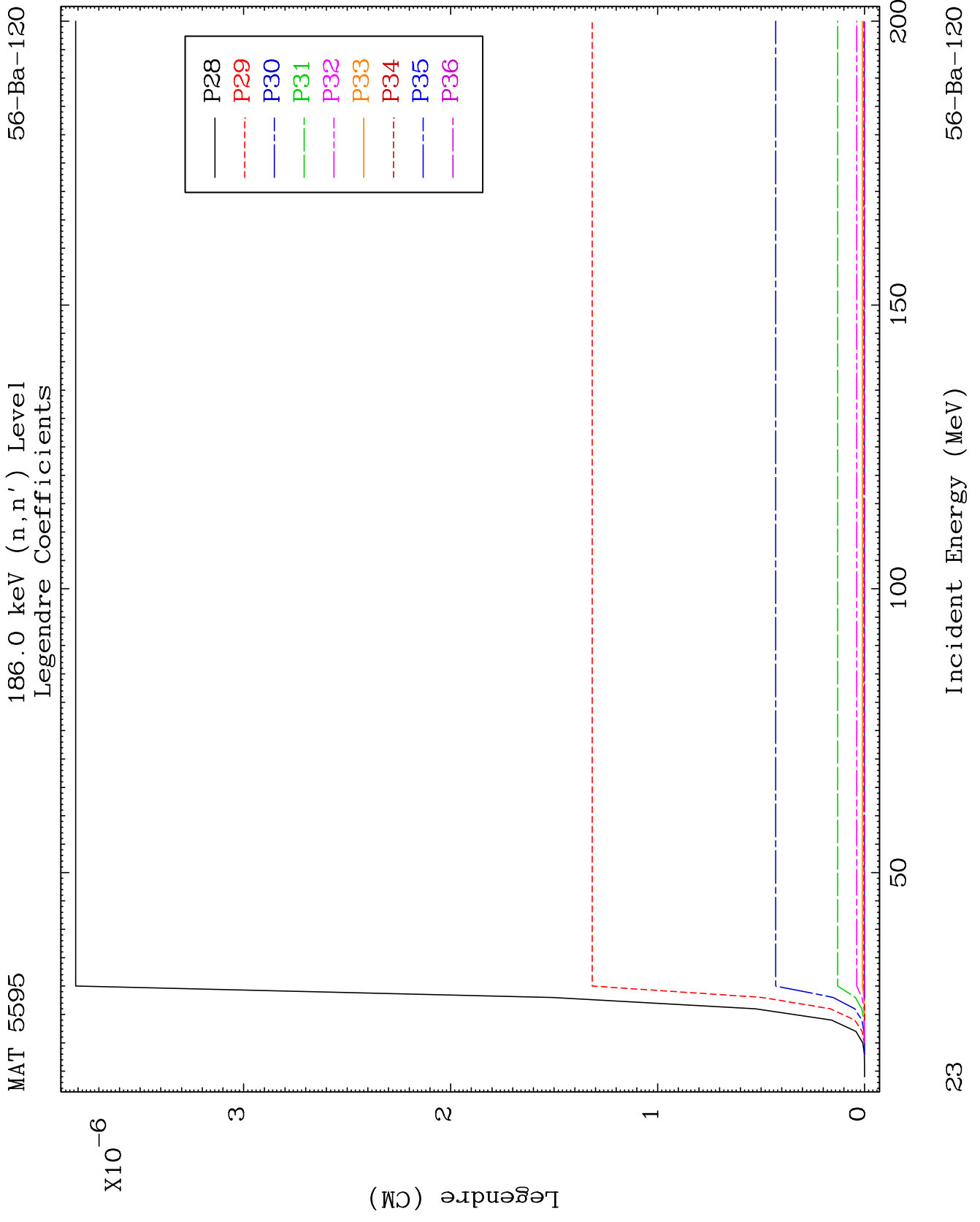
56-Ba-120

Incident Energy (MeV)

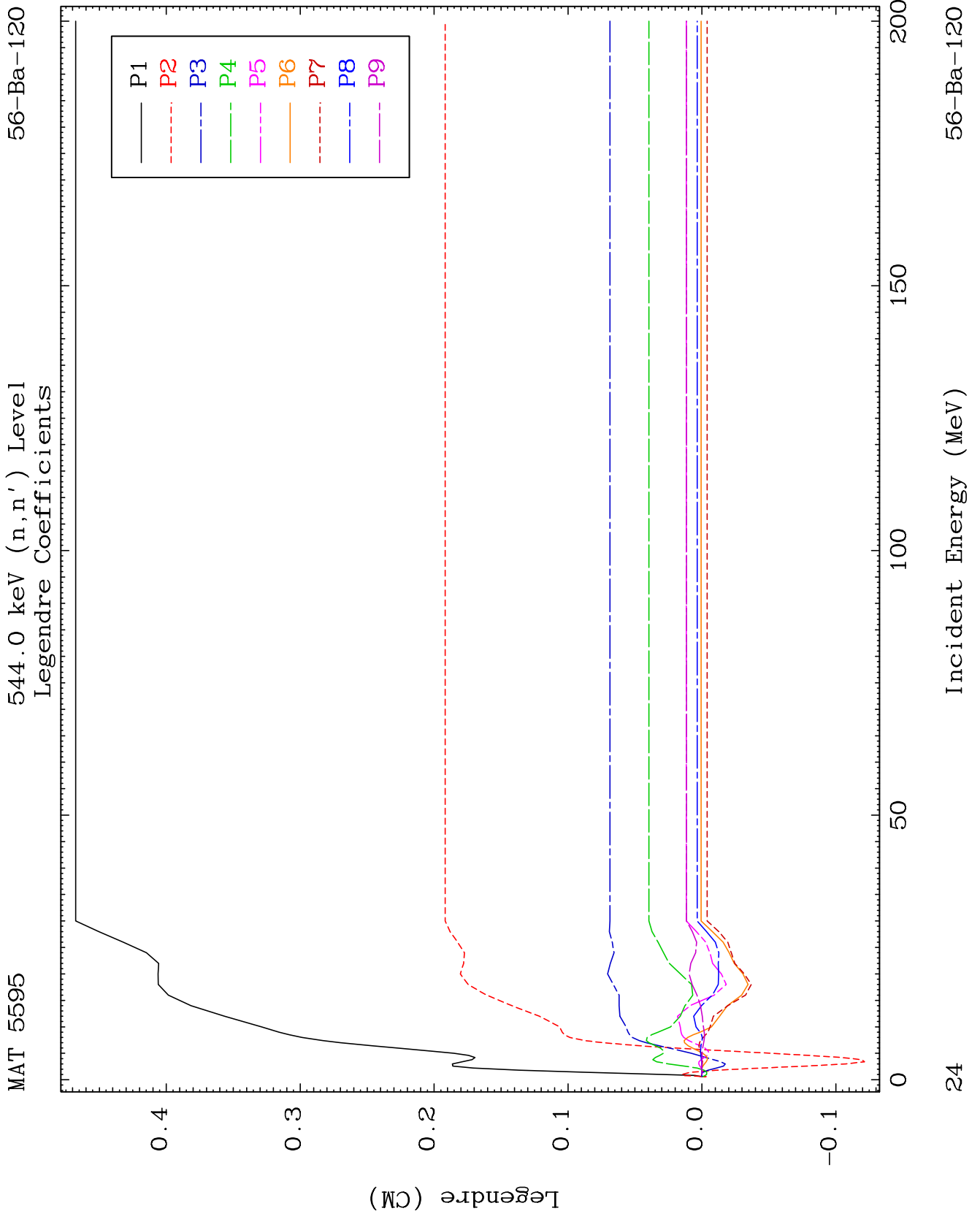
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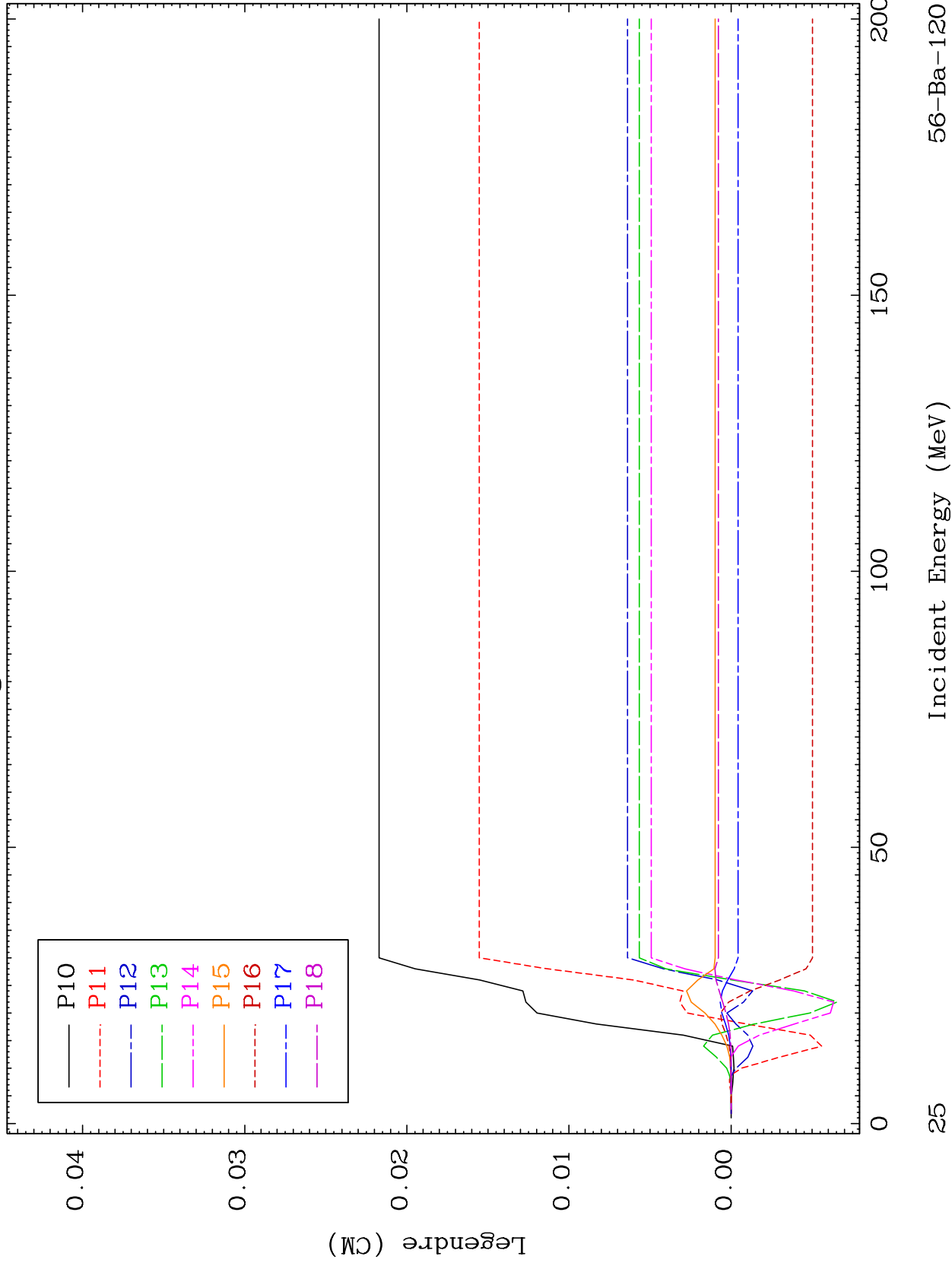




MAT 5595

544.0 keV (n,n') Level  
Legendre Coefficients

56-Ba-120



56-Ba-120

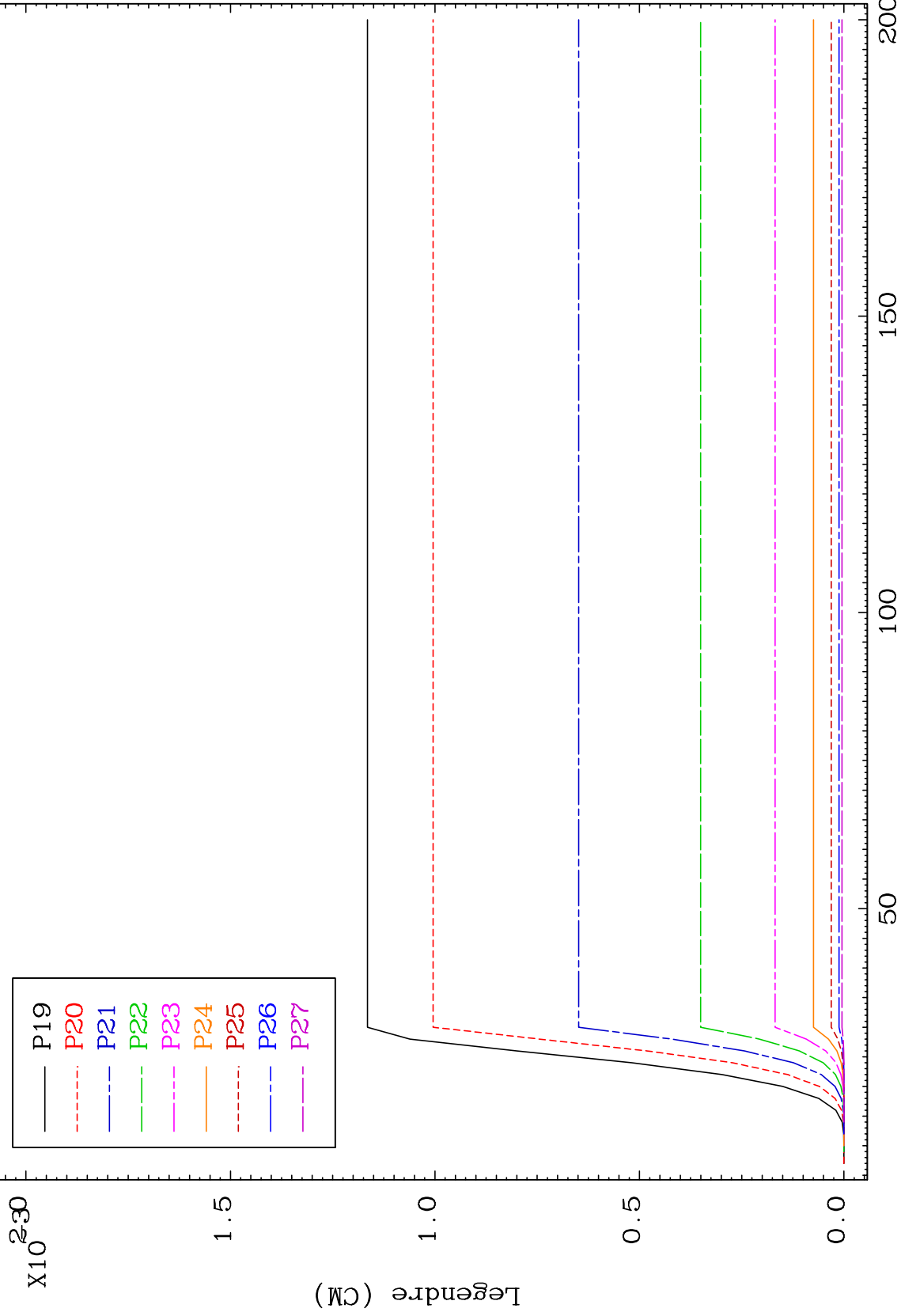
Incident Energy (MeV)

25

MAT 5595

544.0 keV (n,n') Level  
Legendre Coefficients

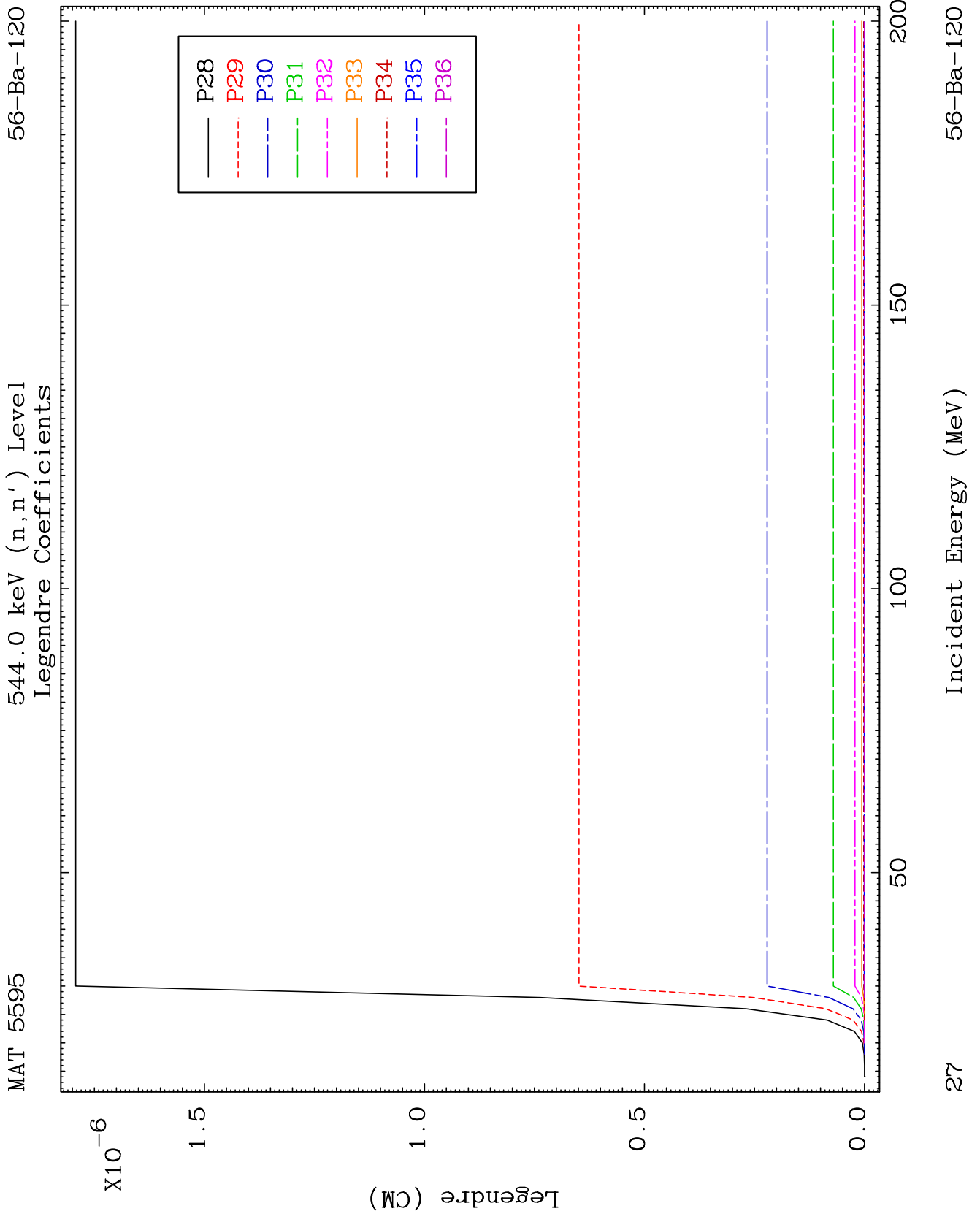
56-Ba-120

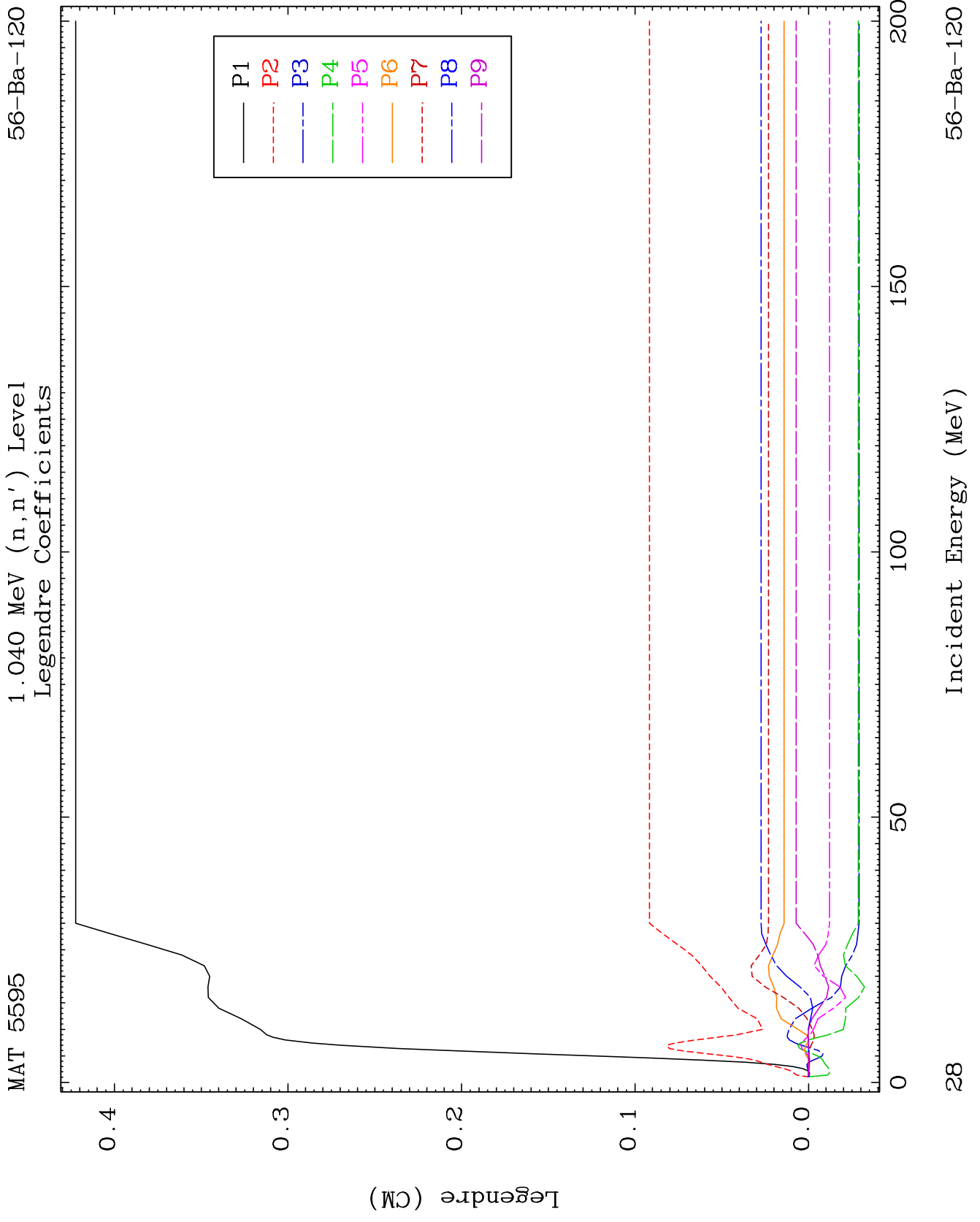


26

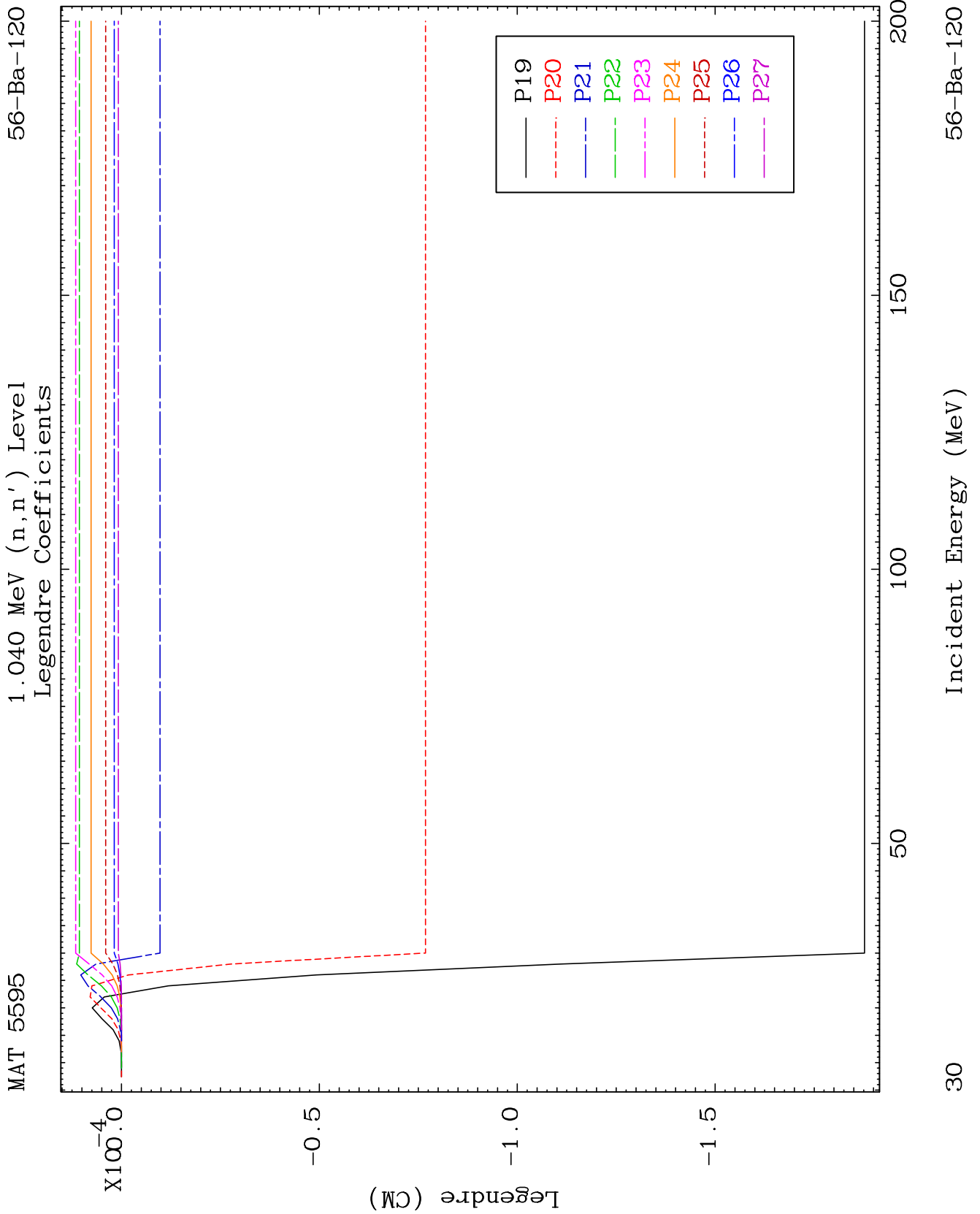
Incident Energy (MeV)

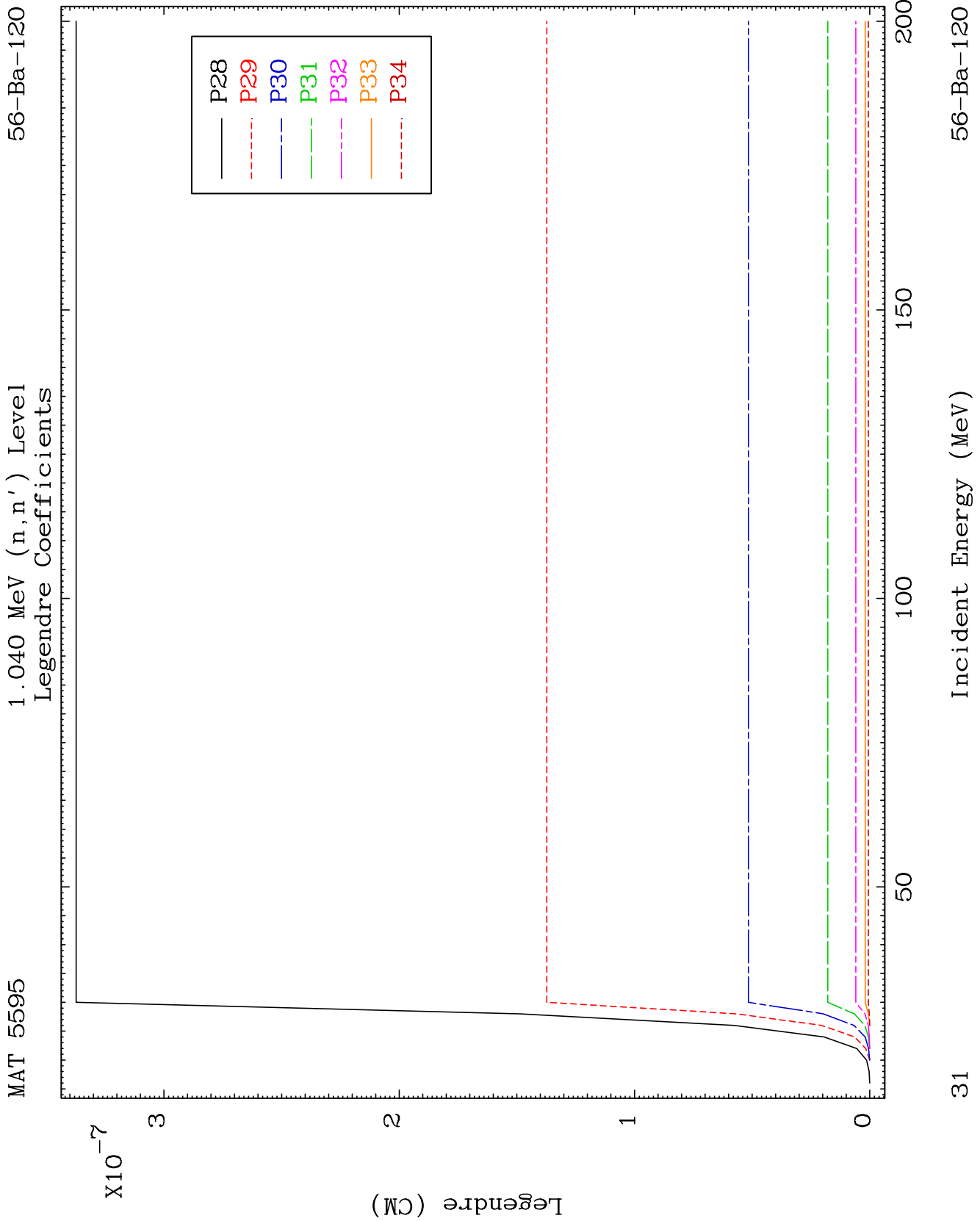
56-Ba-120



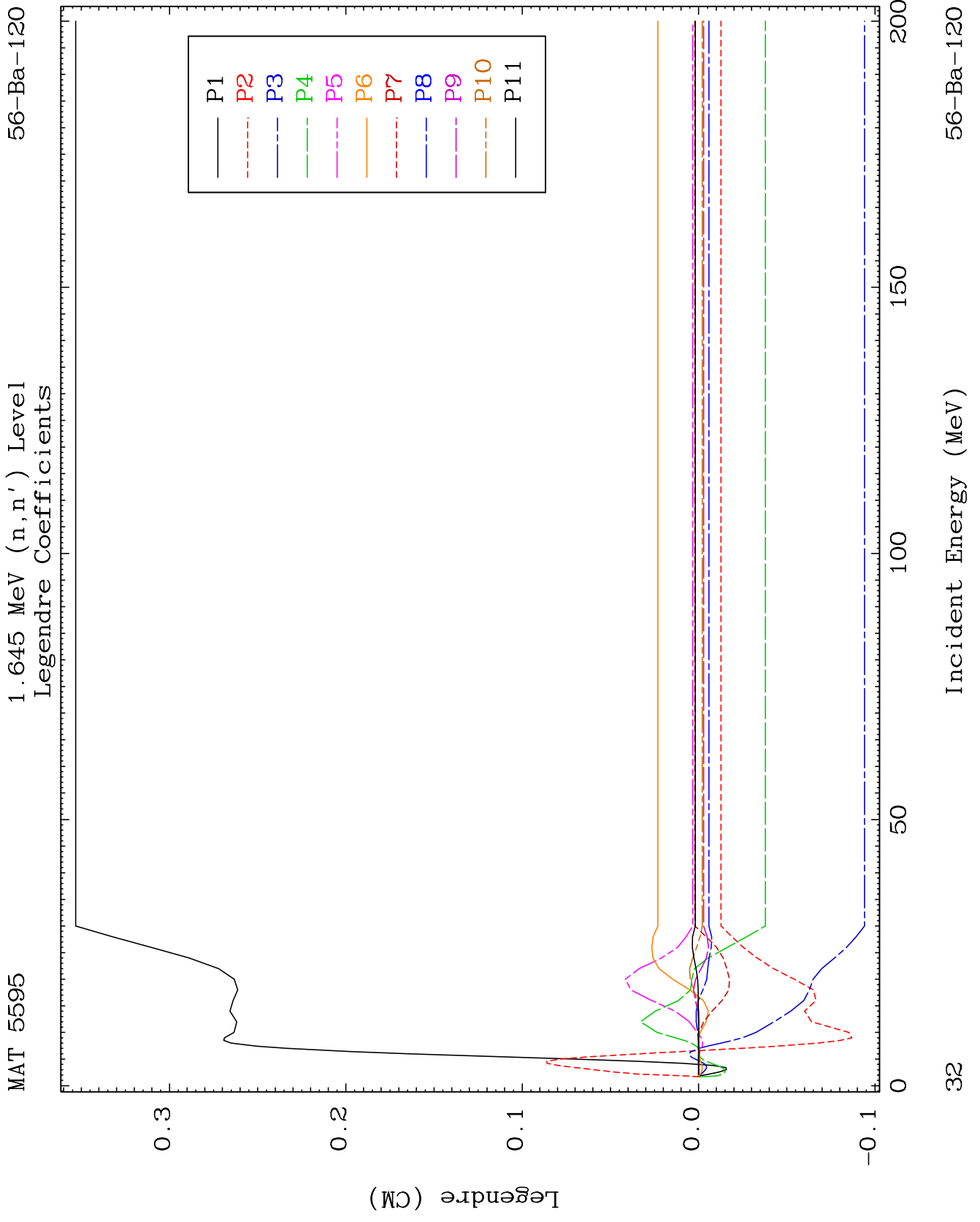








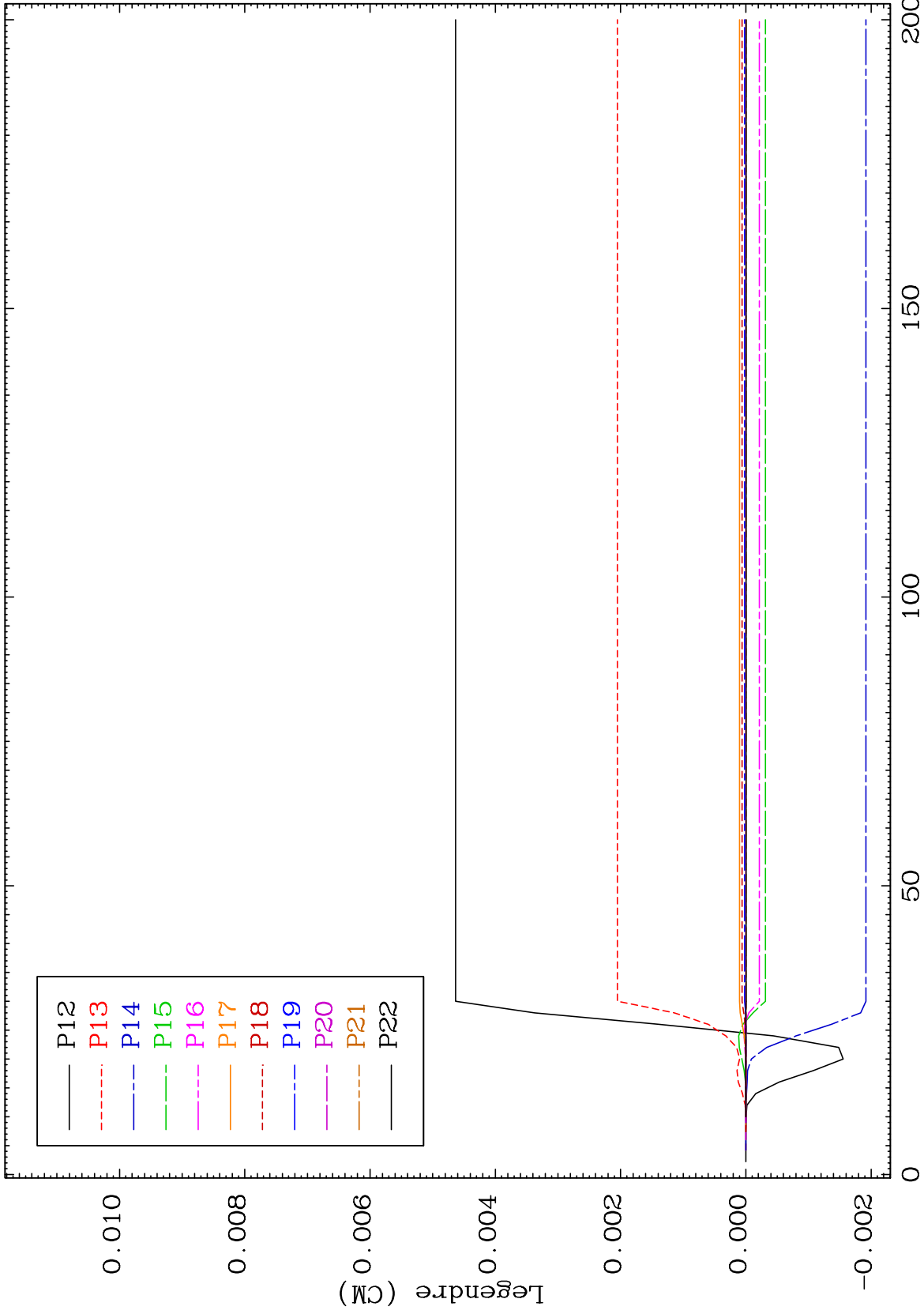




MAT 5595

1.645 MeV (n, n') Level  
Legendre Coefficients

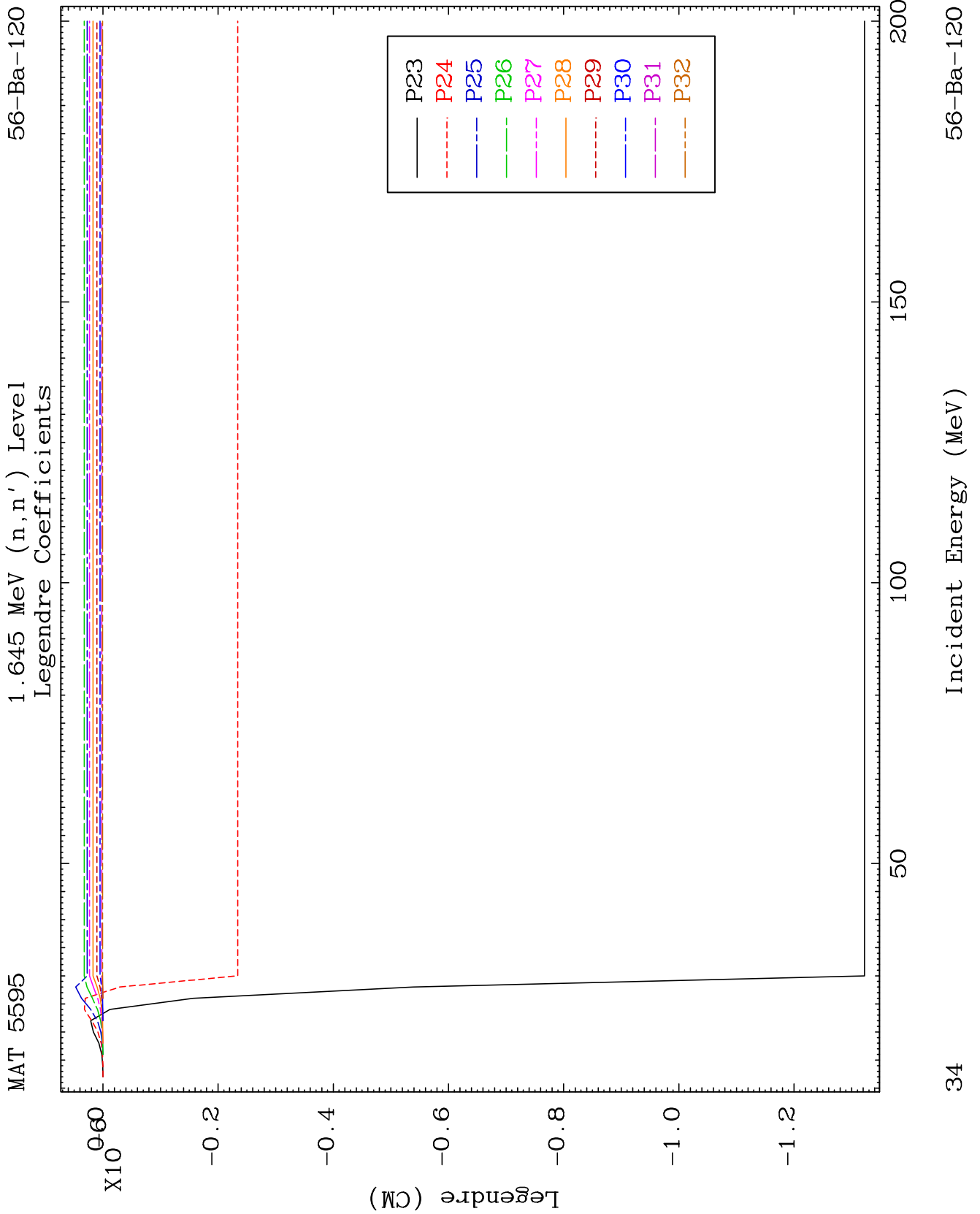
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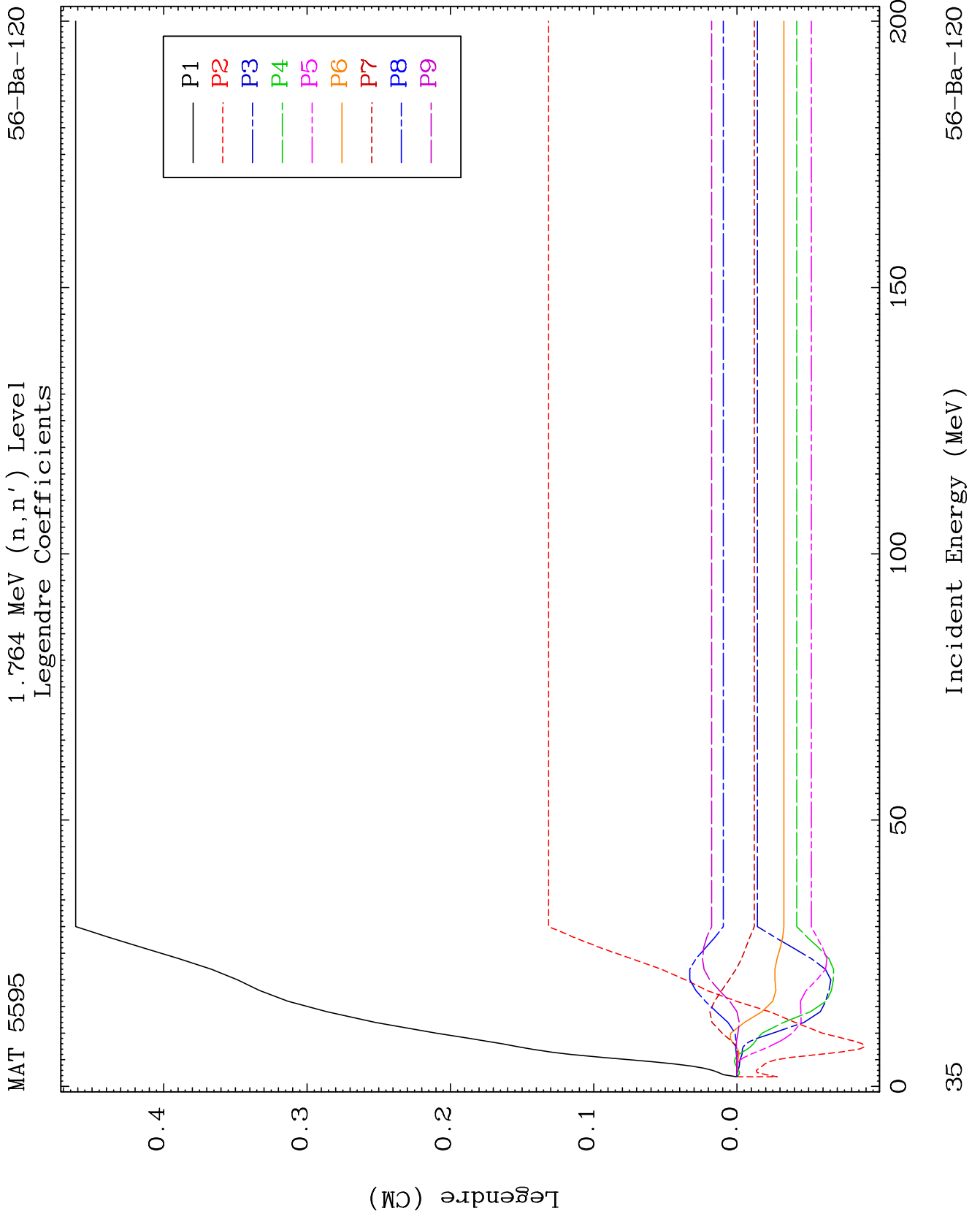


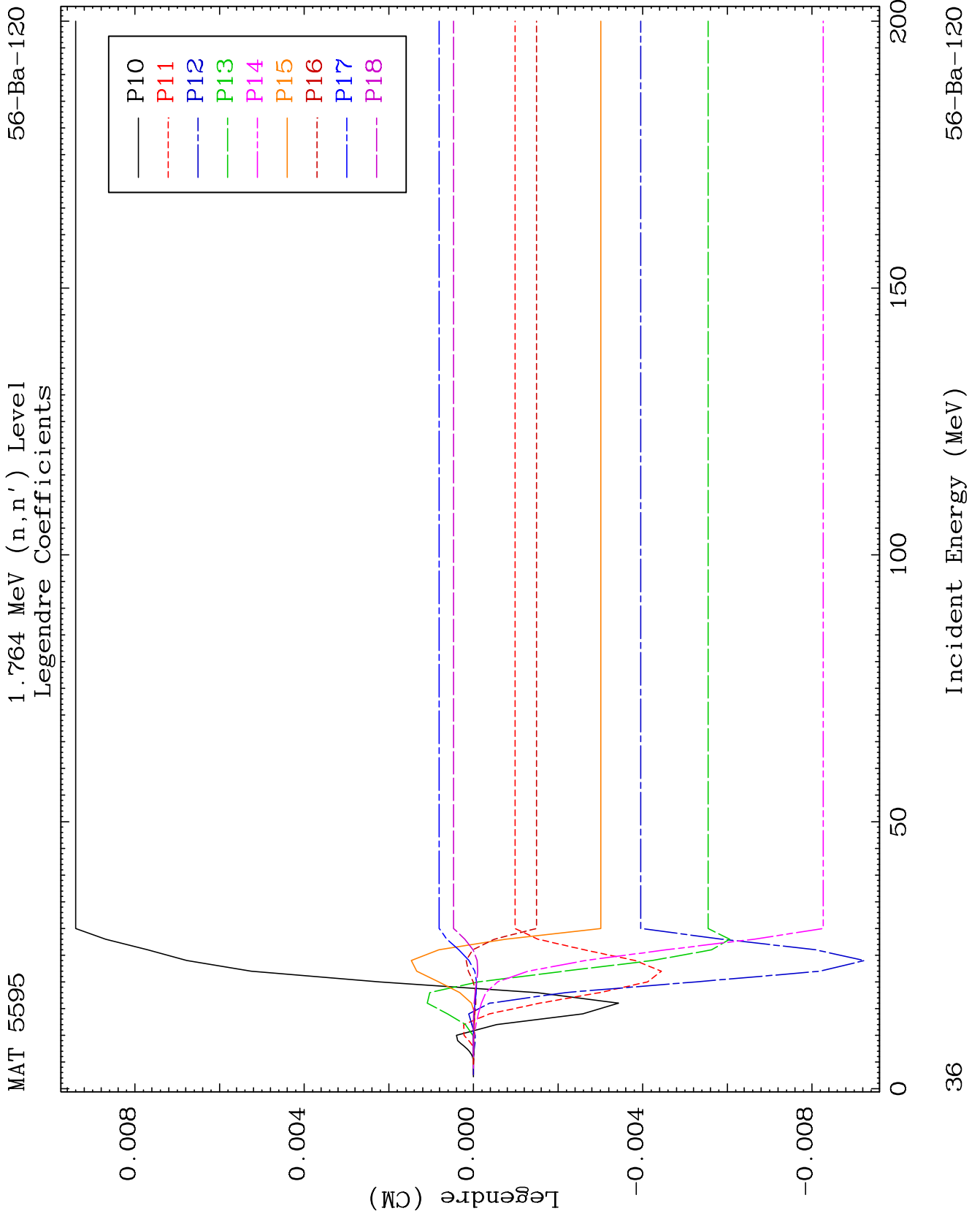
56-Ba-120

Incident Energy (MeV)

33







56-Ba-120

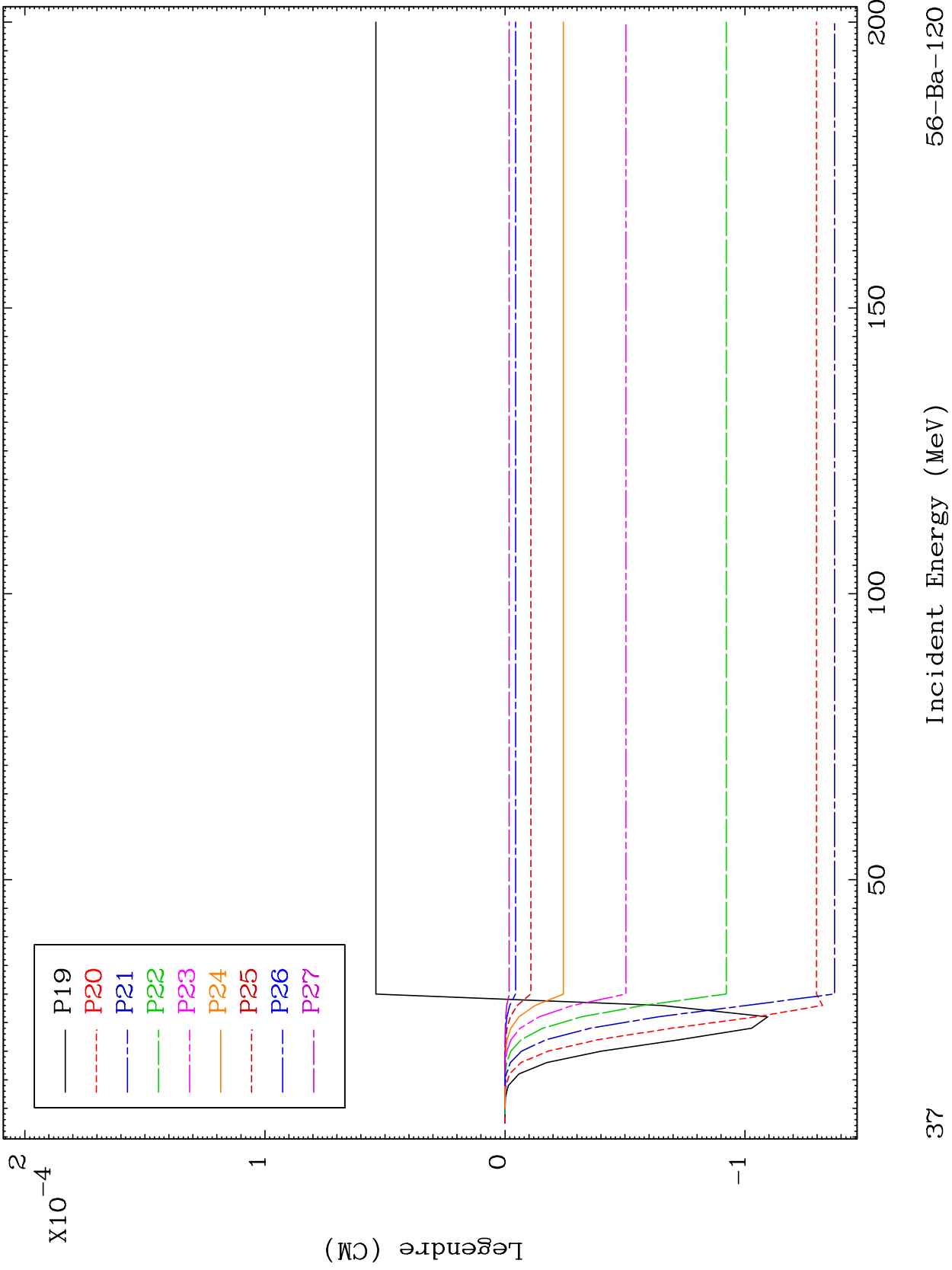
Incident Energy (MeV)

36

MAT 5595

1.764 MeV (n,n') Level  
Legendre Coefficients

56-Ba-120

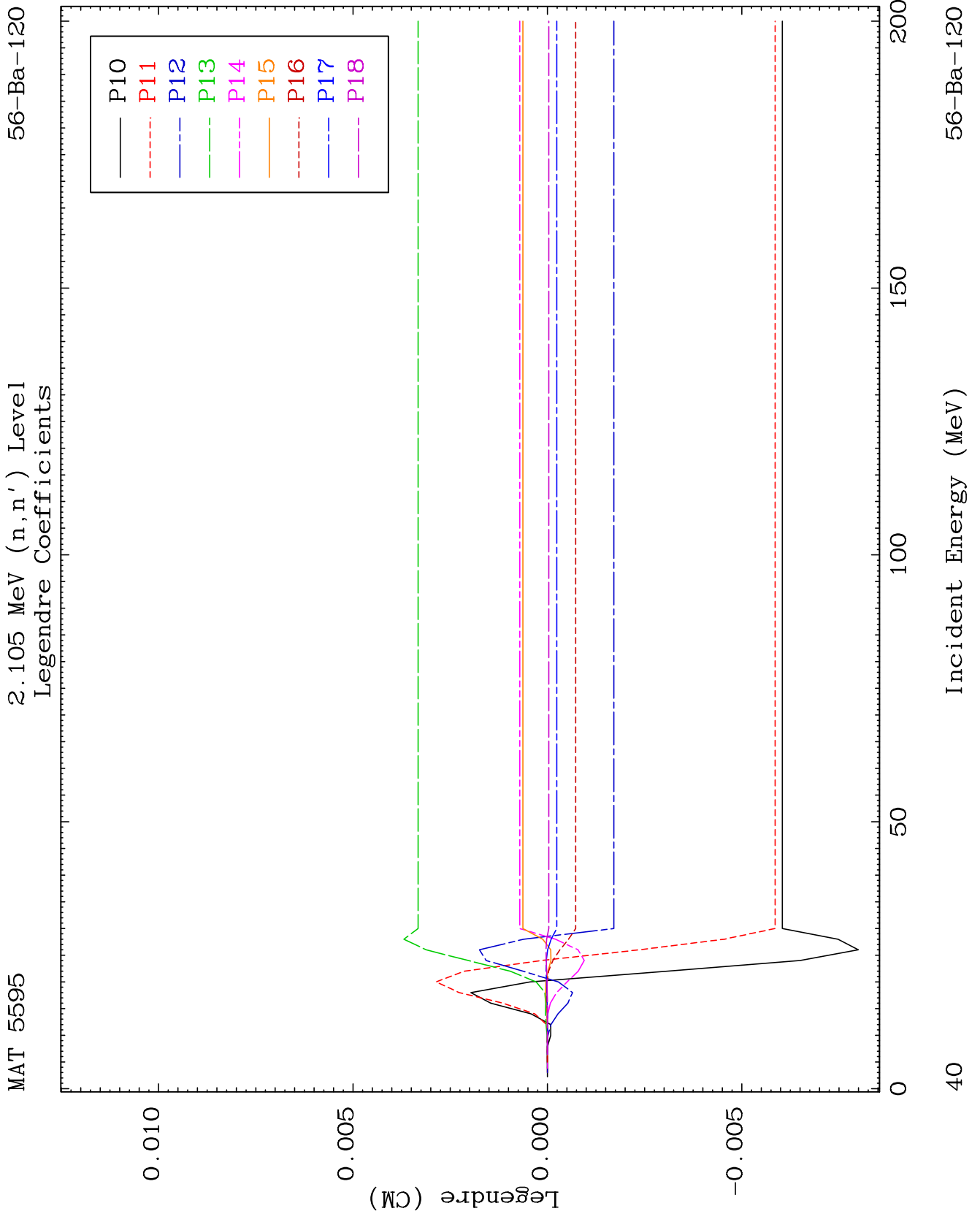


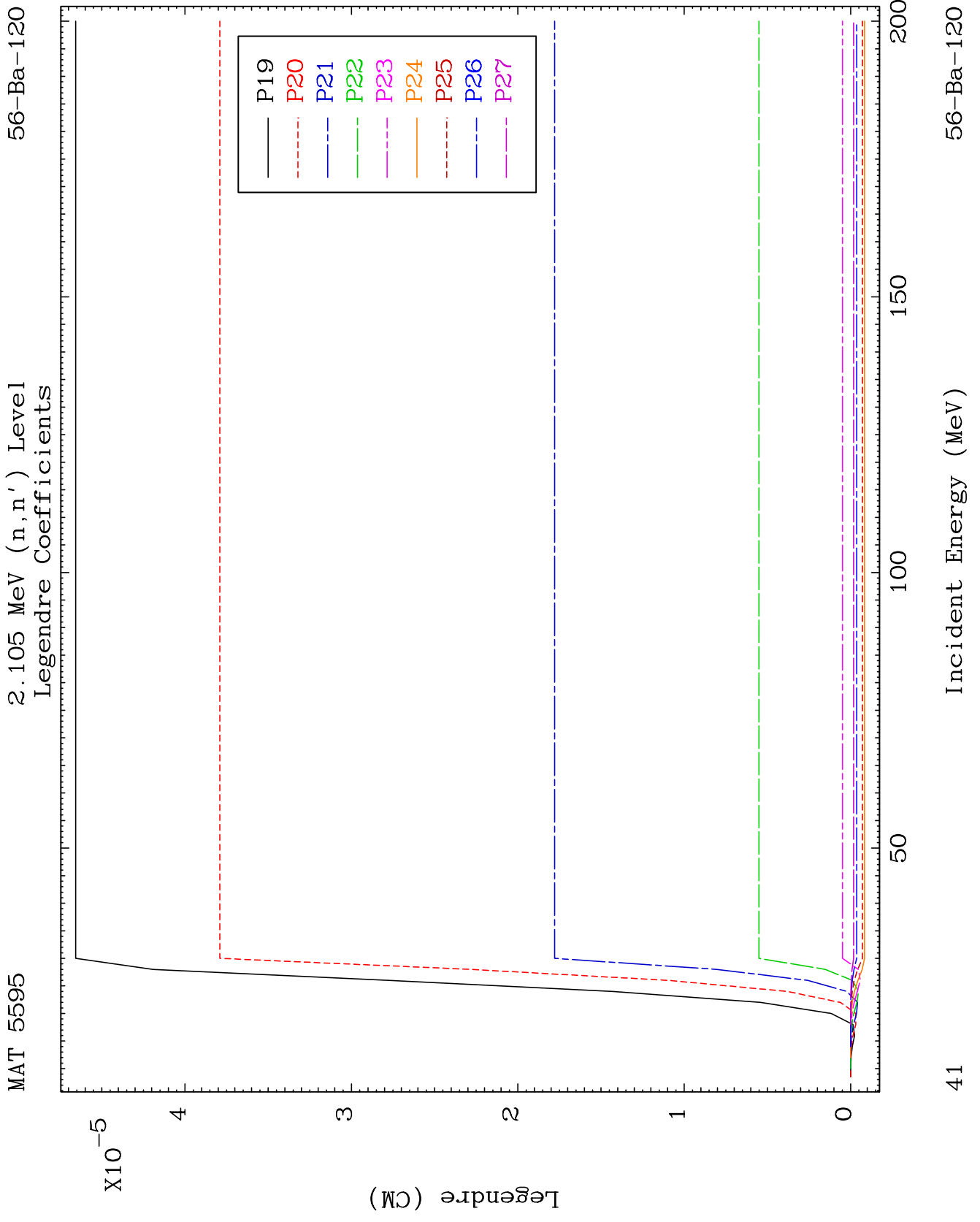
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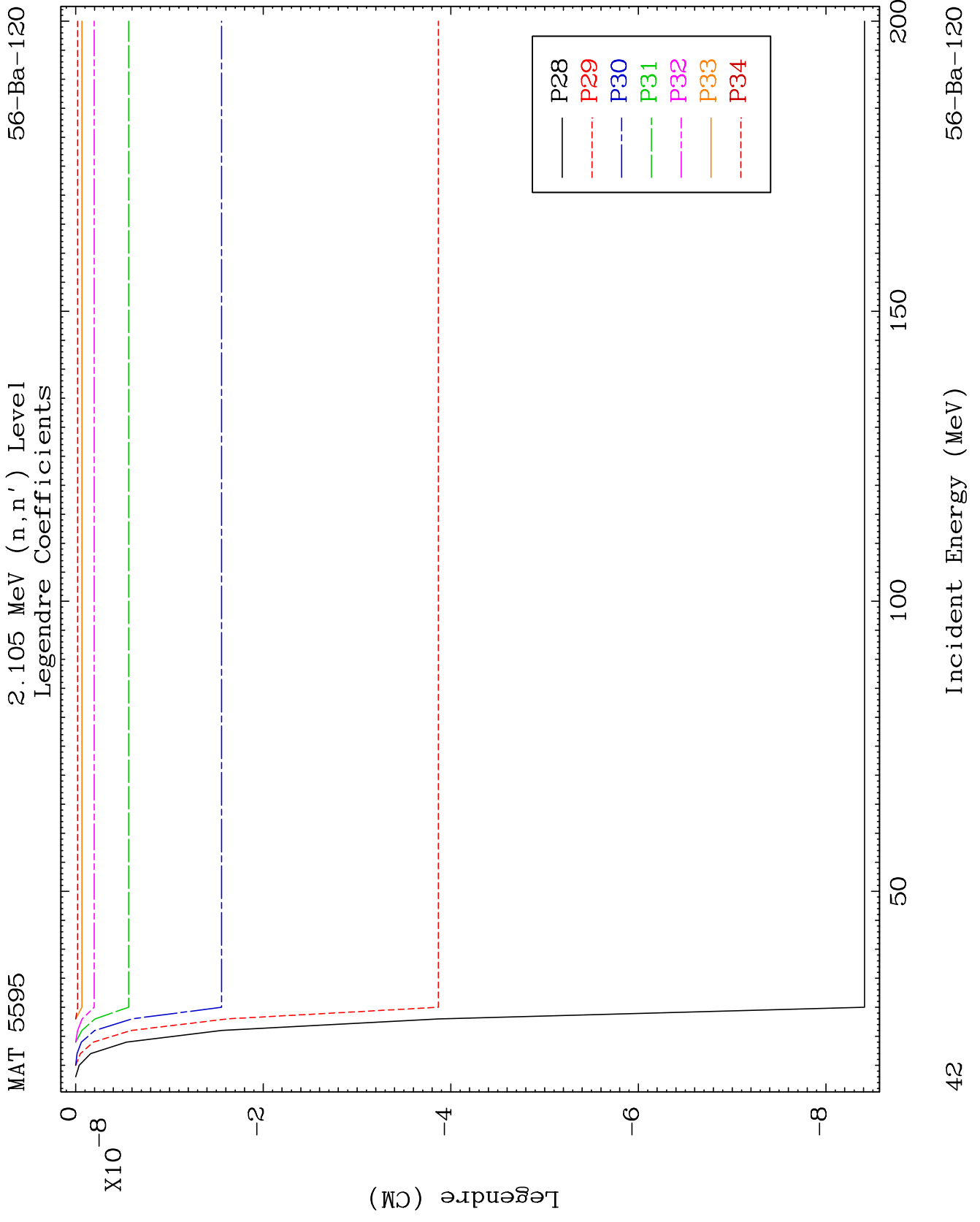


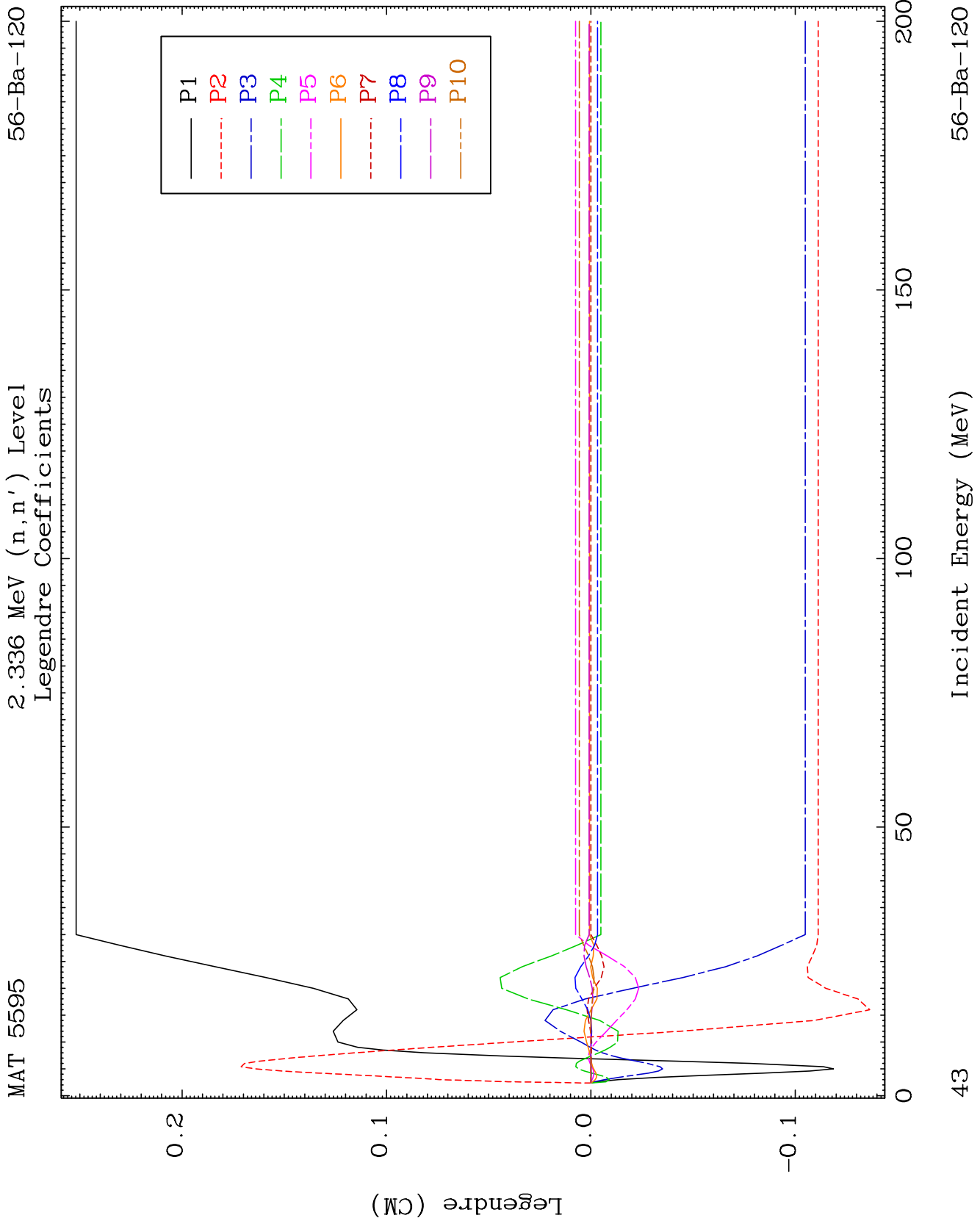








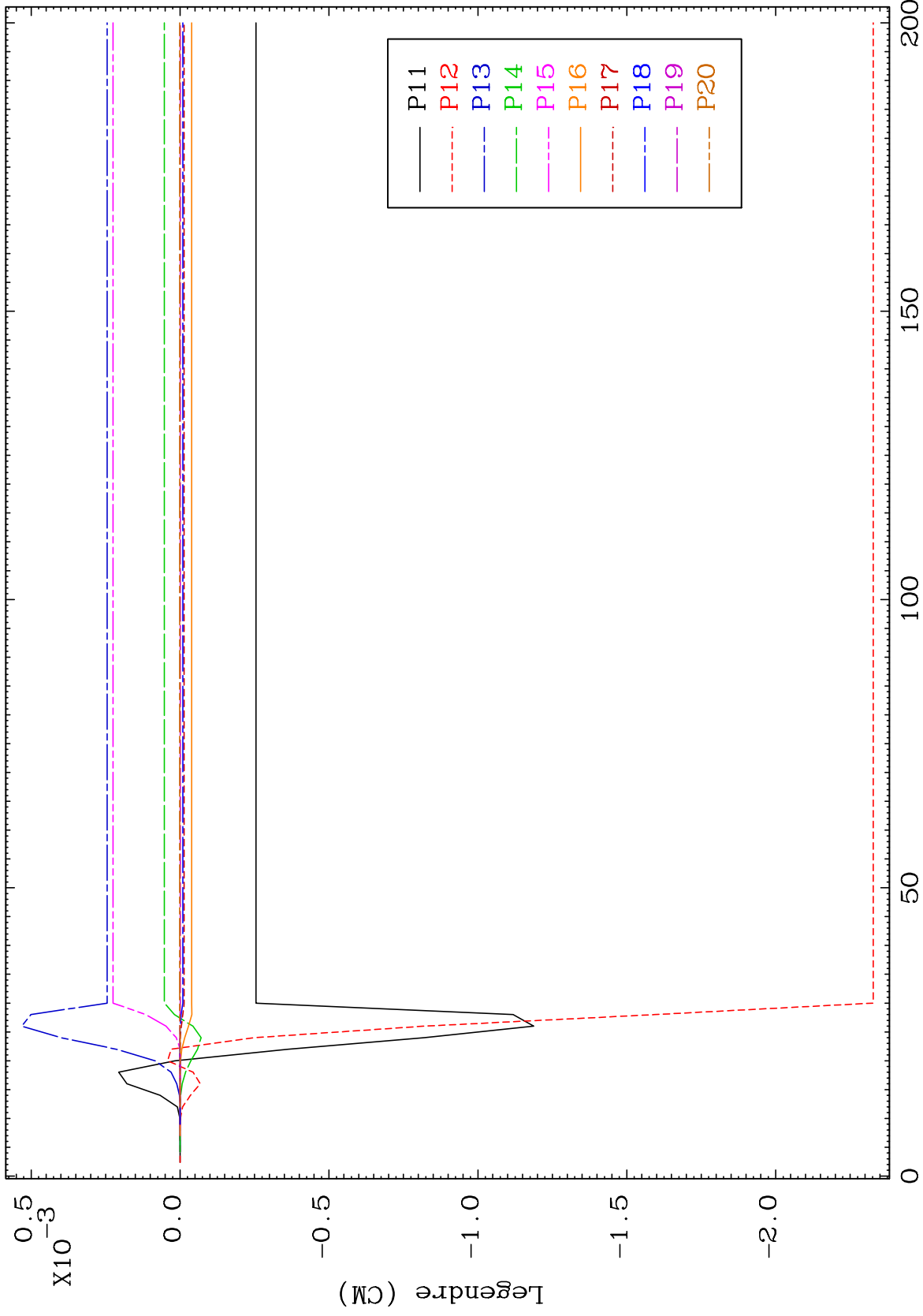




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2.336 MeV (n,n') Level  
Legendre Coefficients

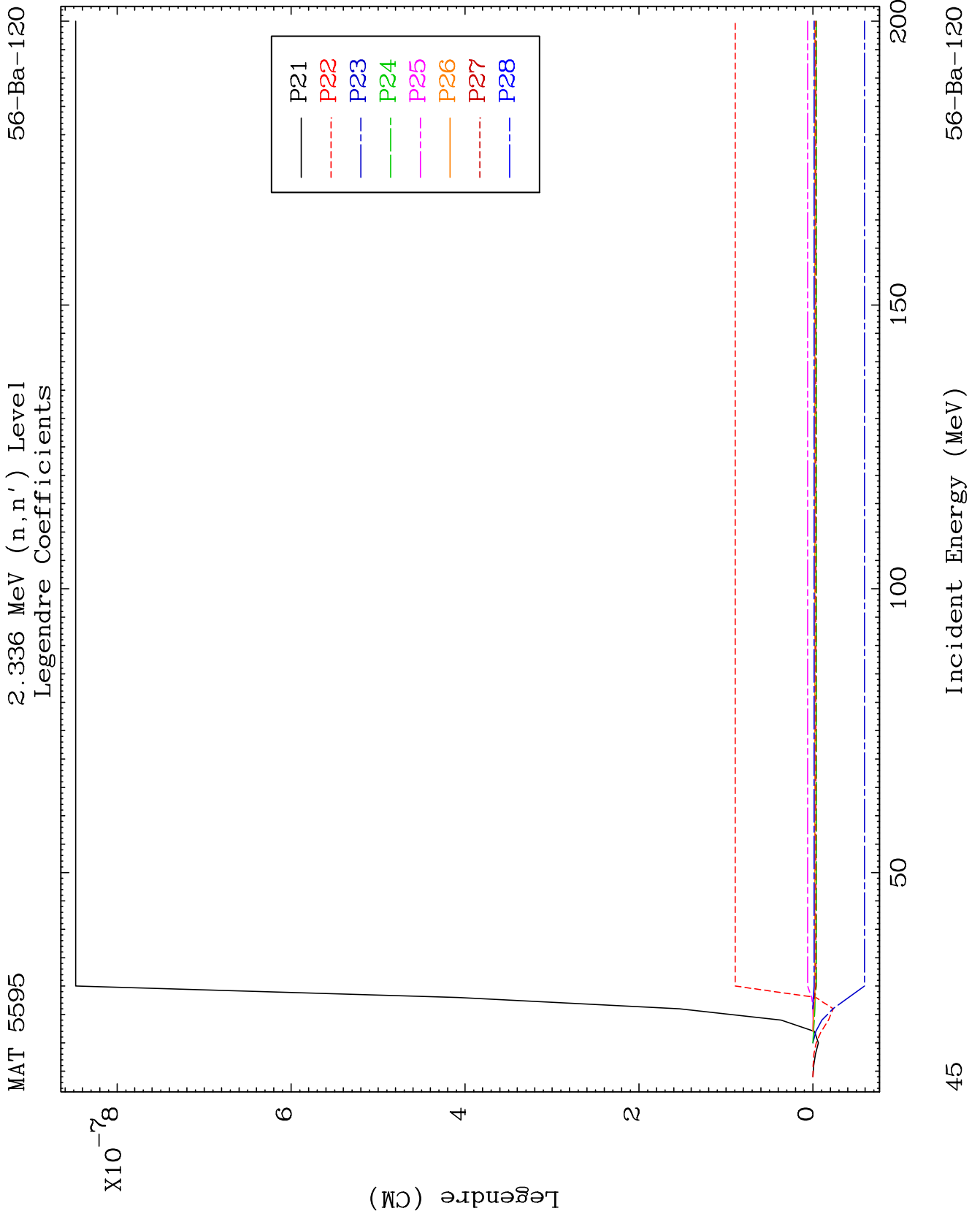
56-Ba-120



44

Incident Energy (MeV)

56-Ba-120

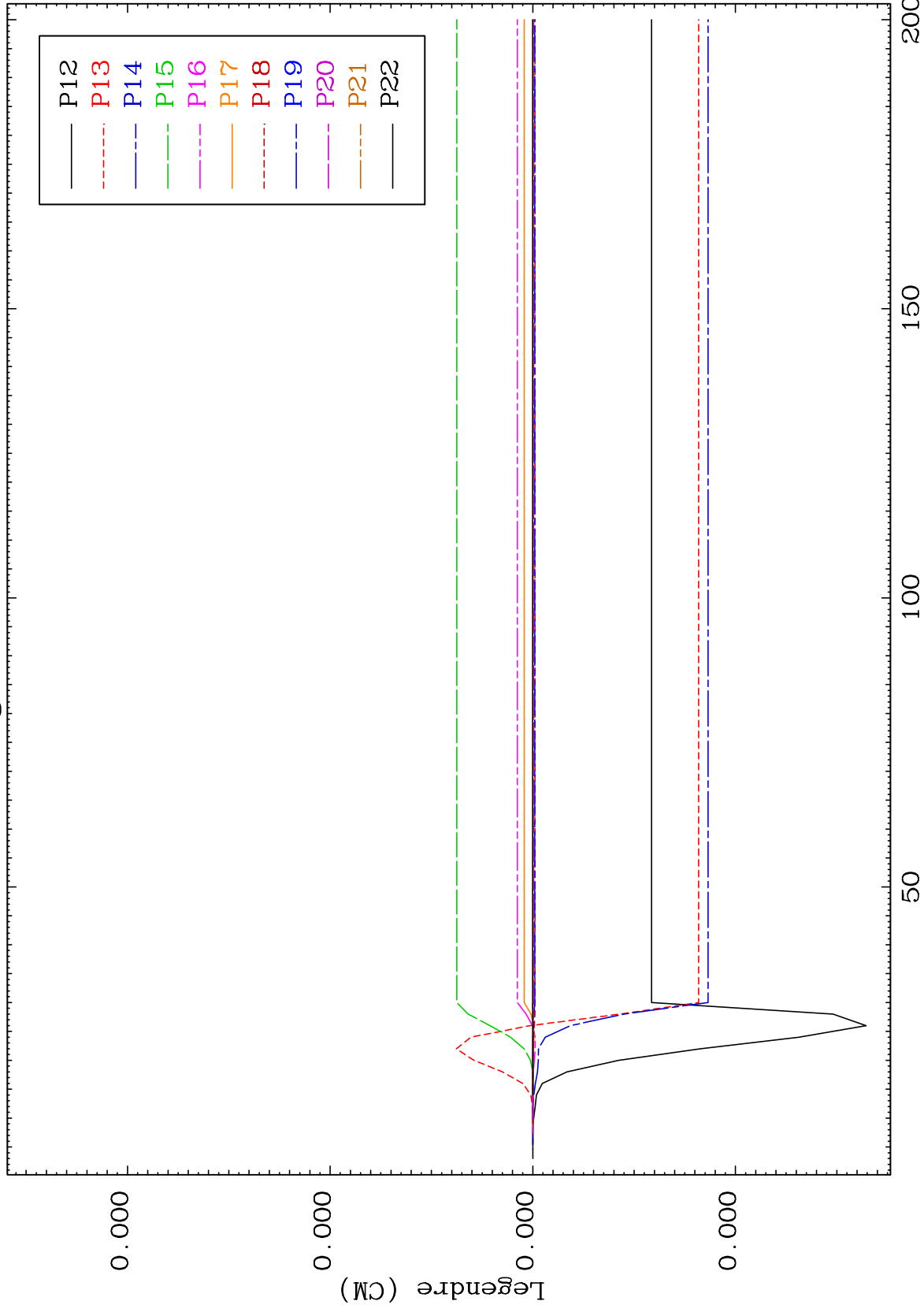




MAT 5595

2.567 MeV (n, n') Level  
Legendre Coefficients

56-Ba-120

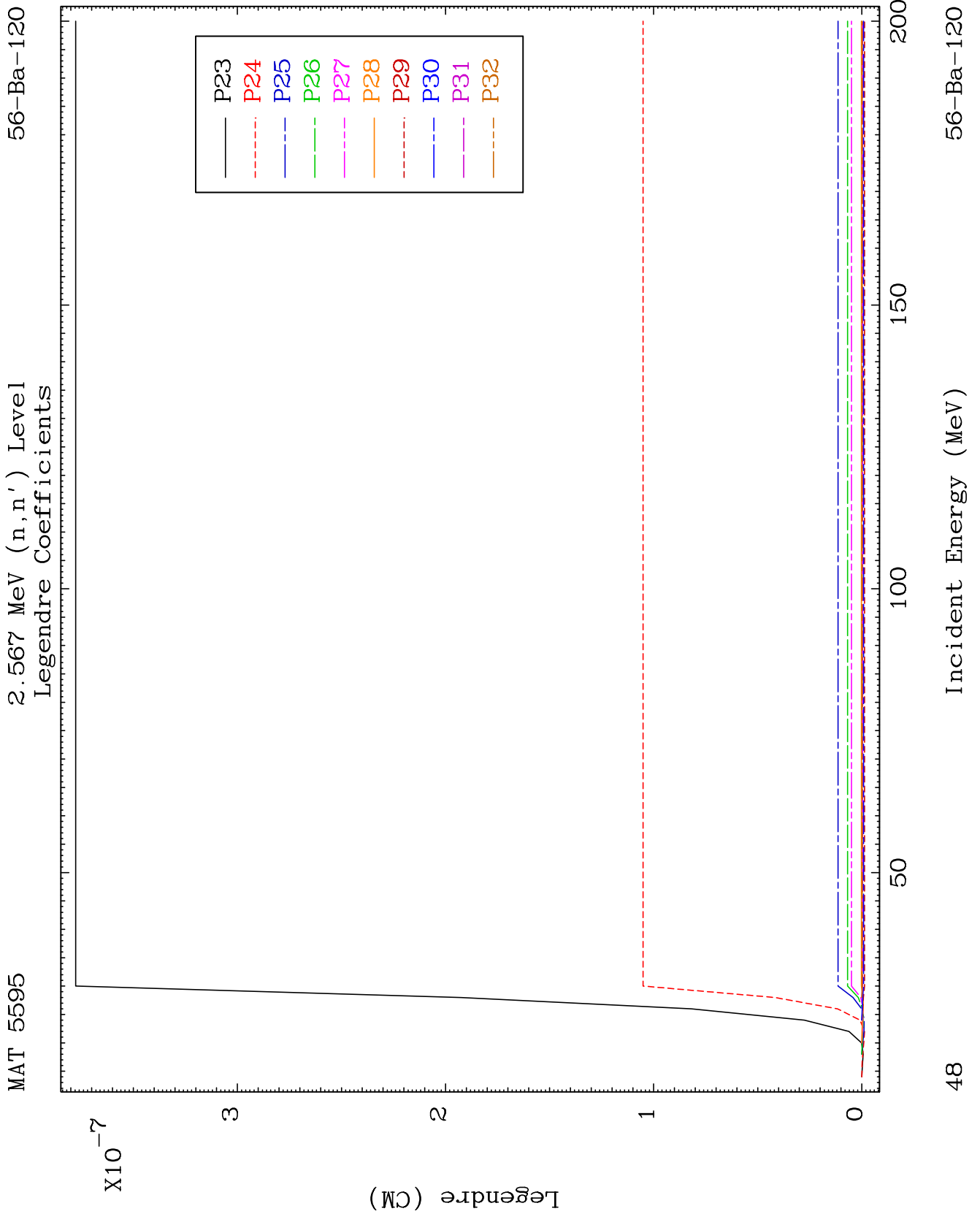


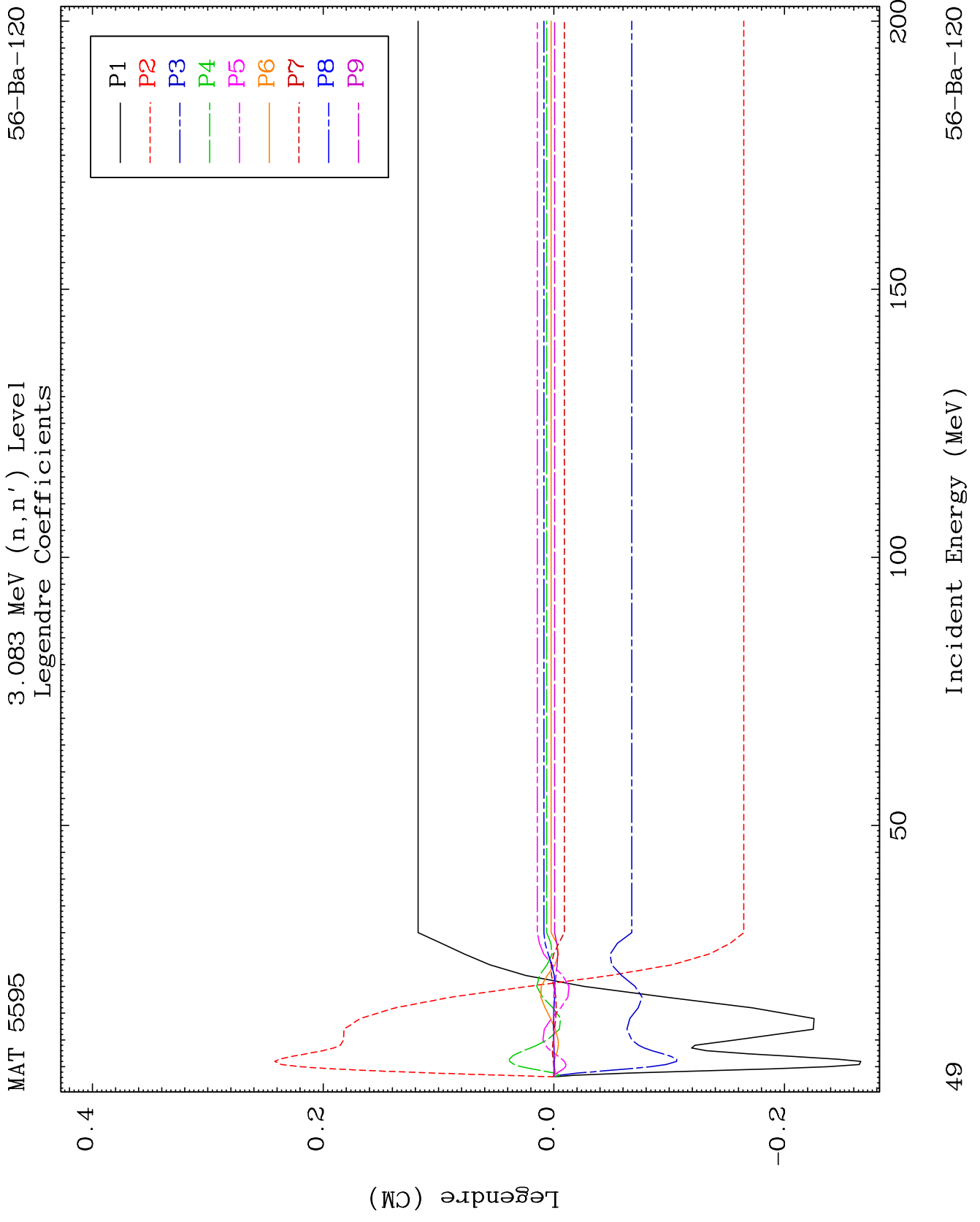
47

Incident Energy (MeV)

56-Ba-120



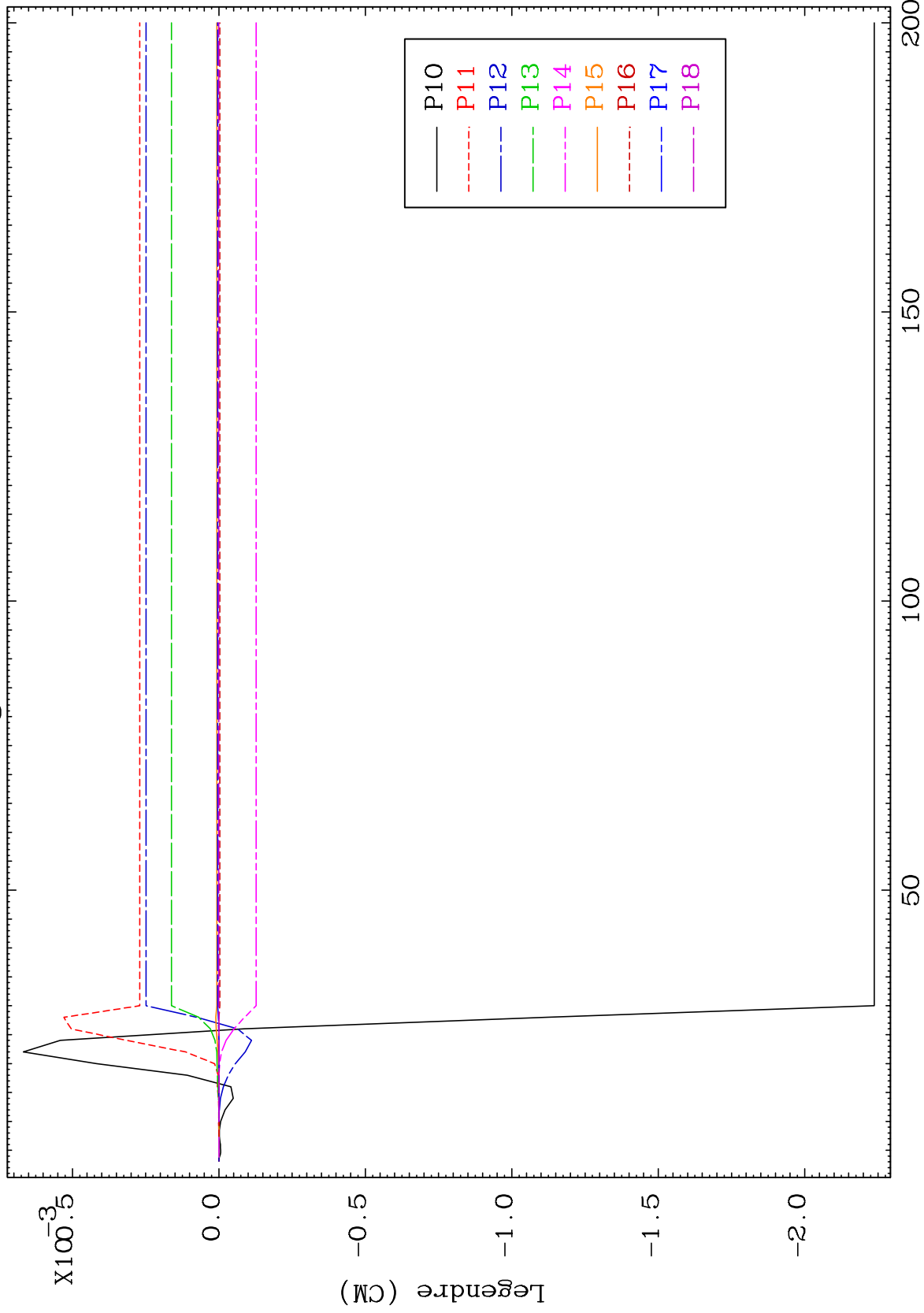




MAT 5595

3.083 MeV (n,n') Level  
Legendre Coefficients

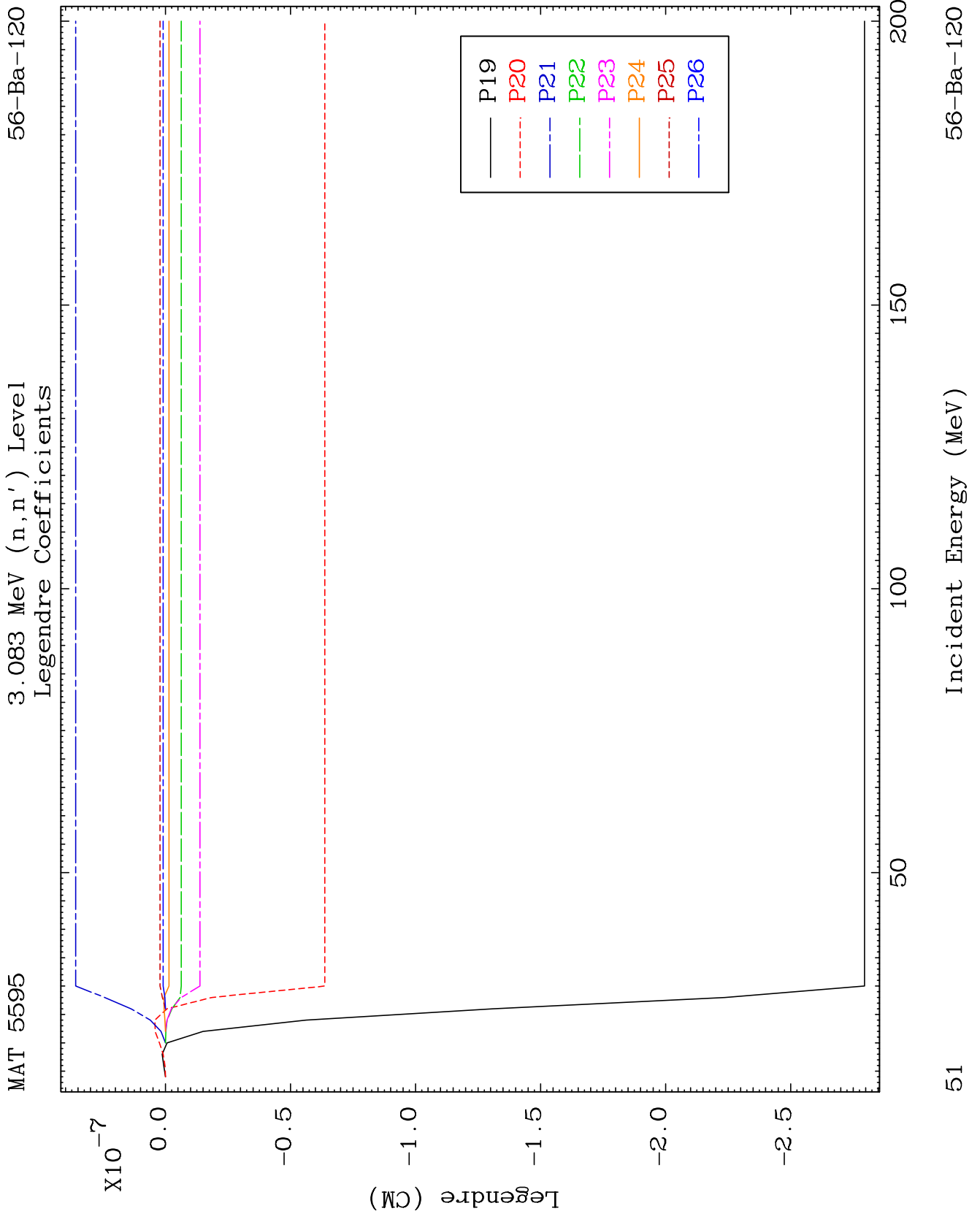
56-Ba-120



50

Incident Energy (MeV)

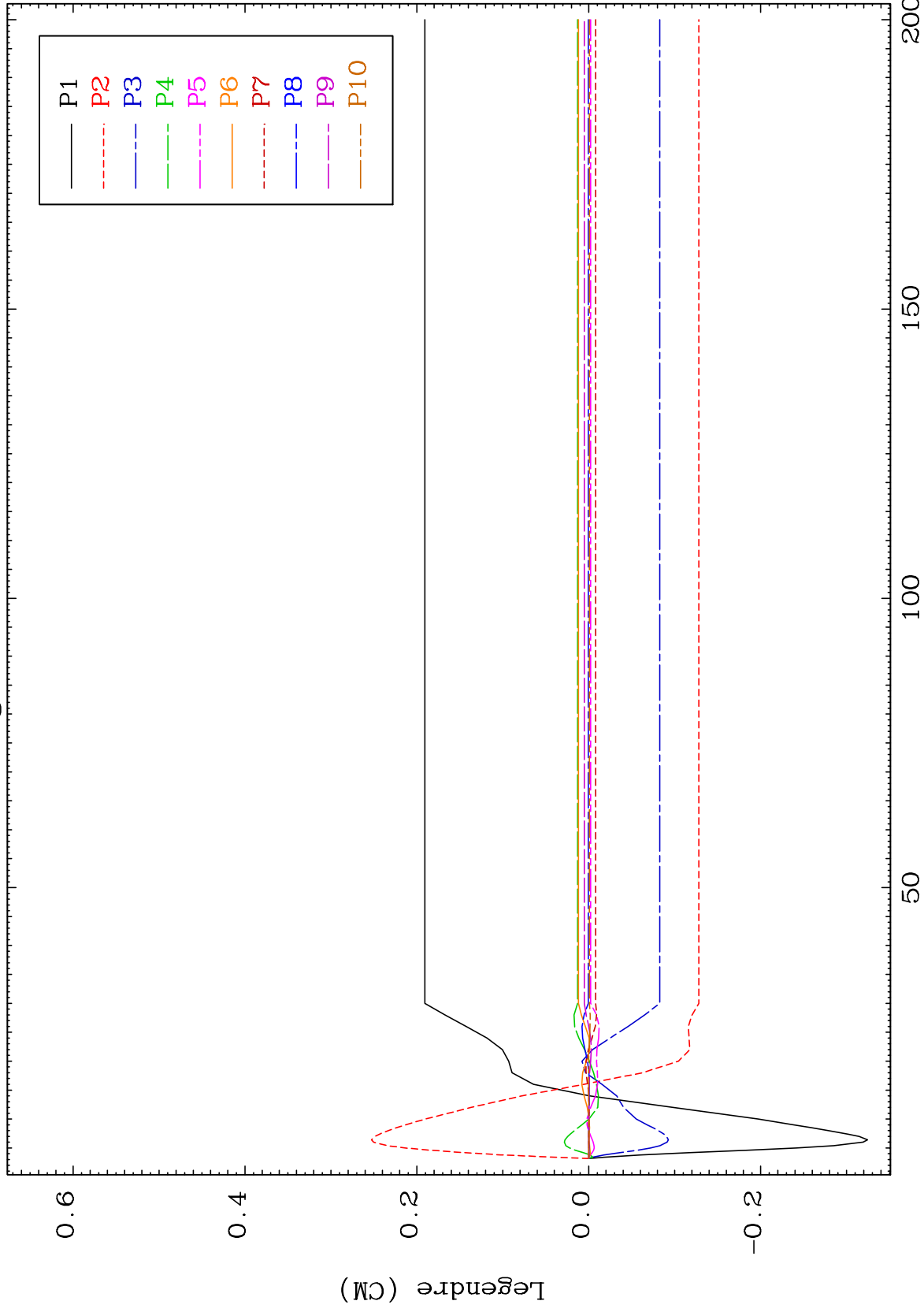
56-Ba-120



MAT 5595

3.138 MeV (n,n') Level  
Legendre Coefficients

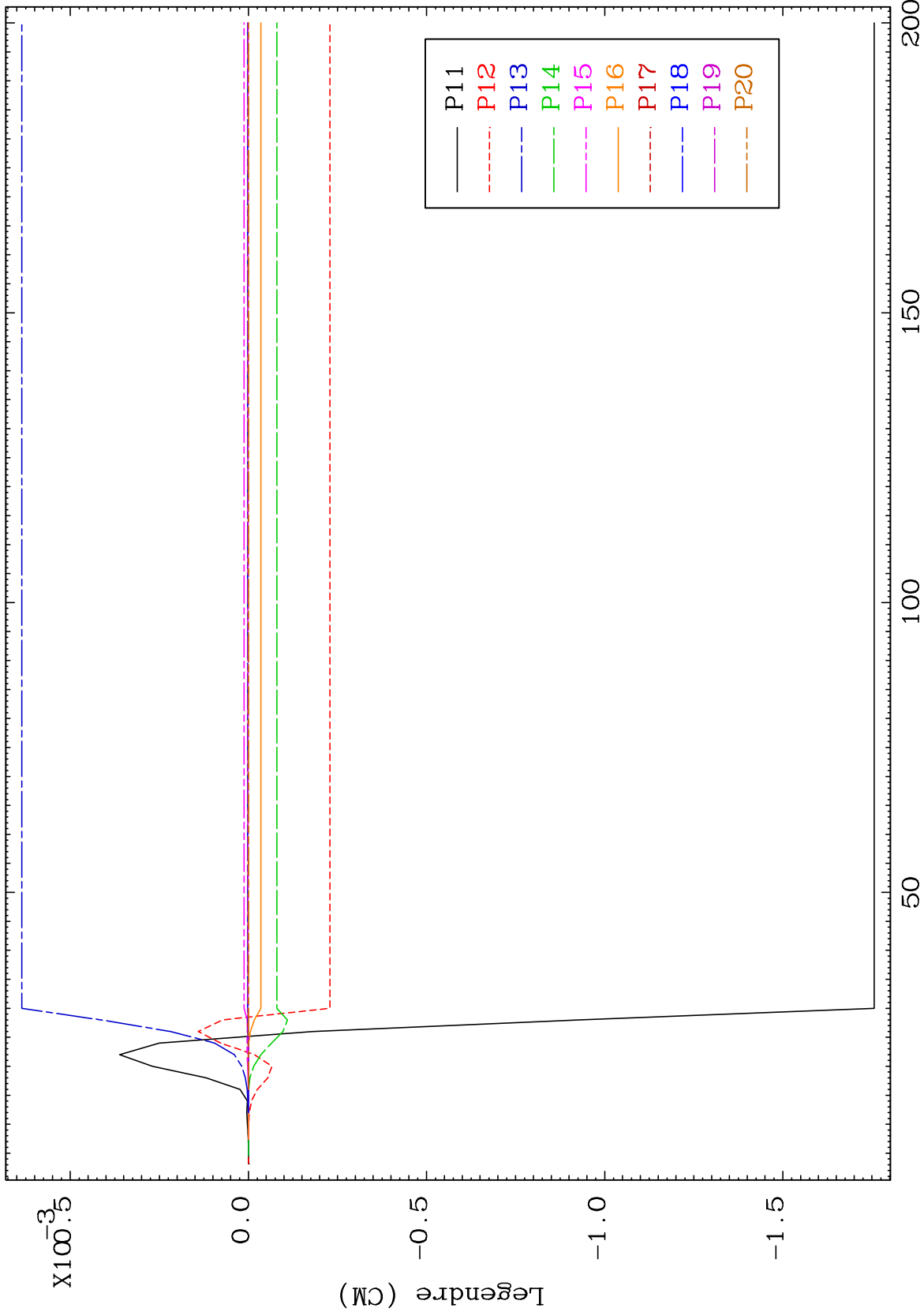
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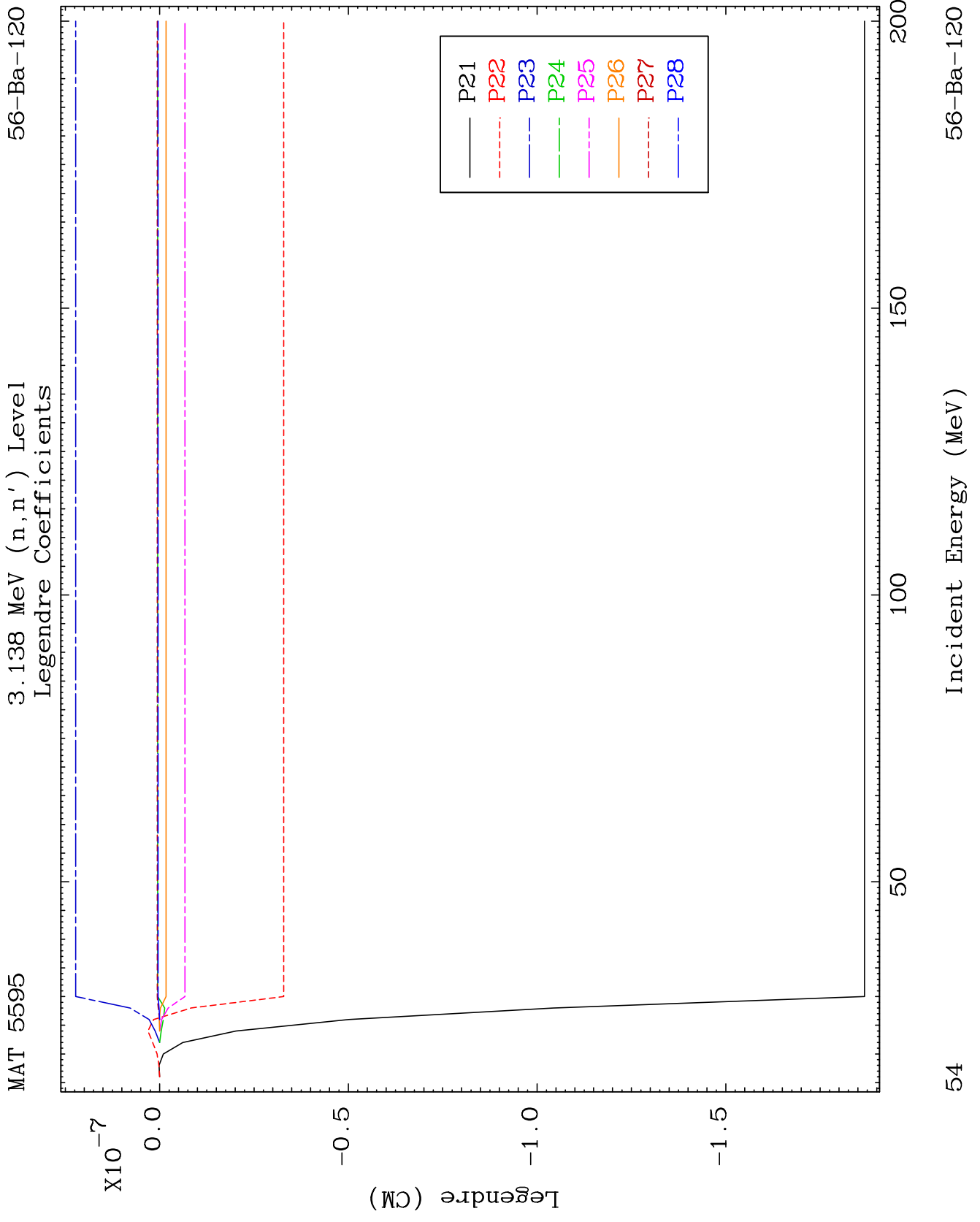


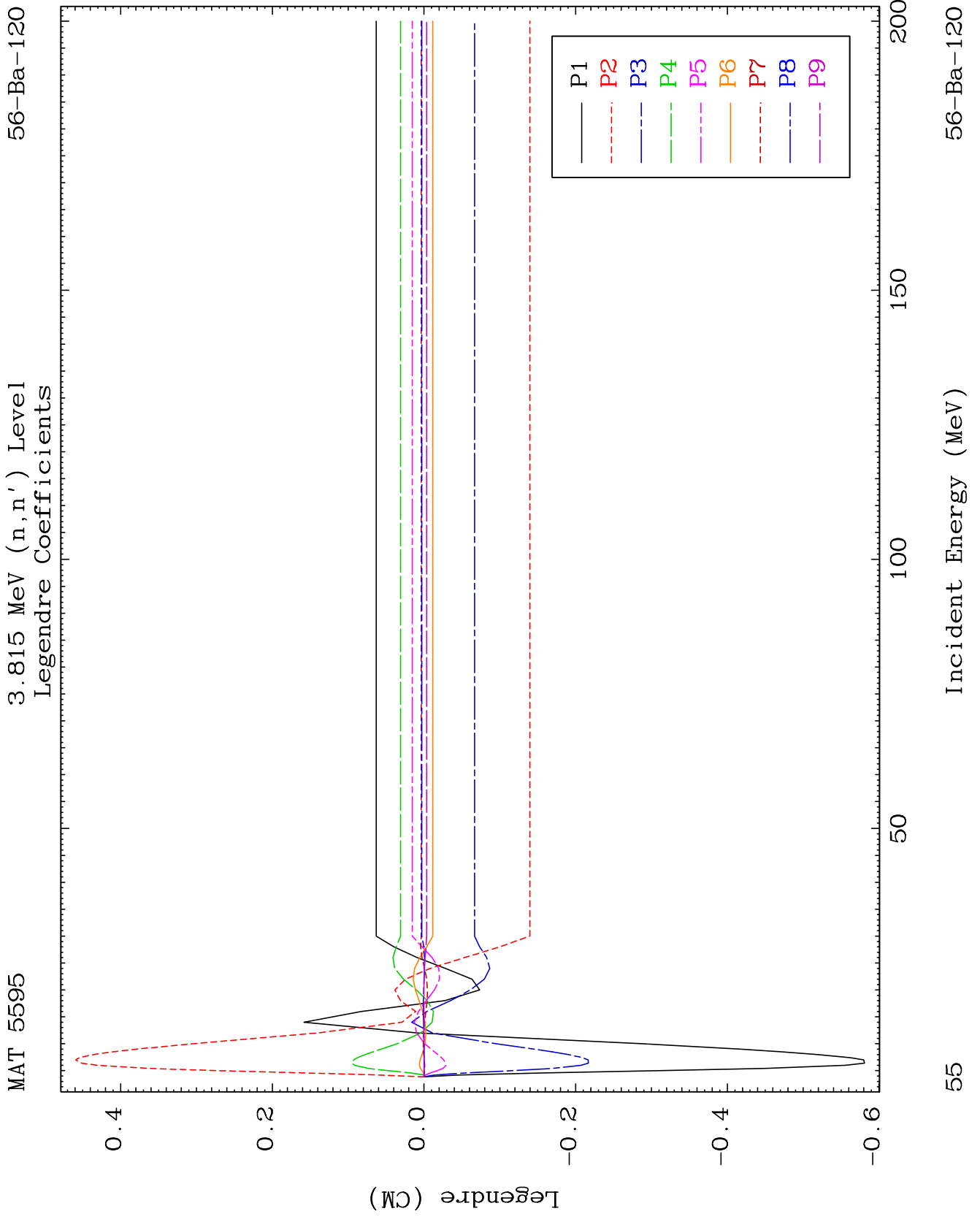
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Incident Energy (MeV)

56-Ba-120

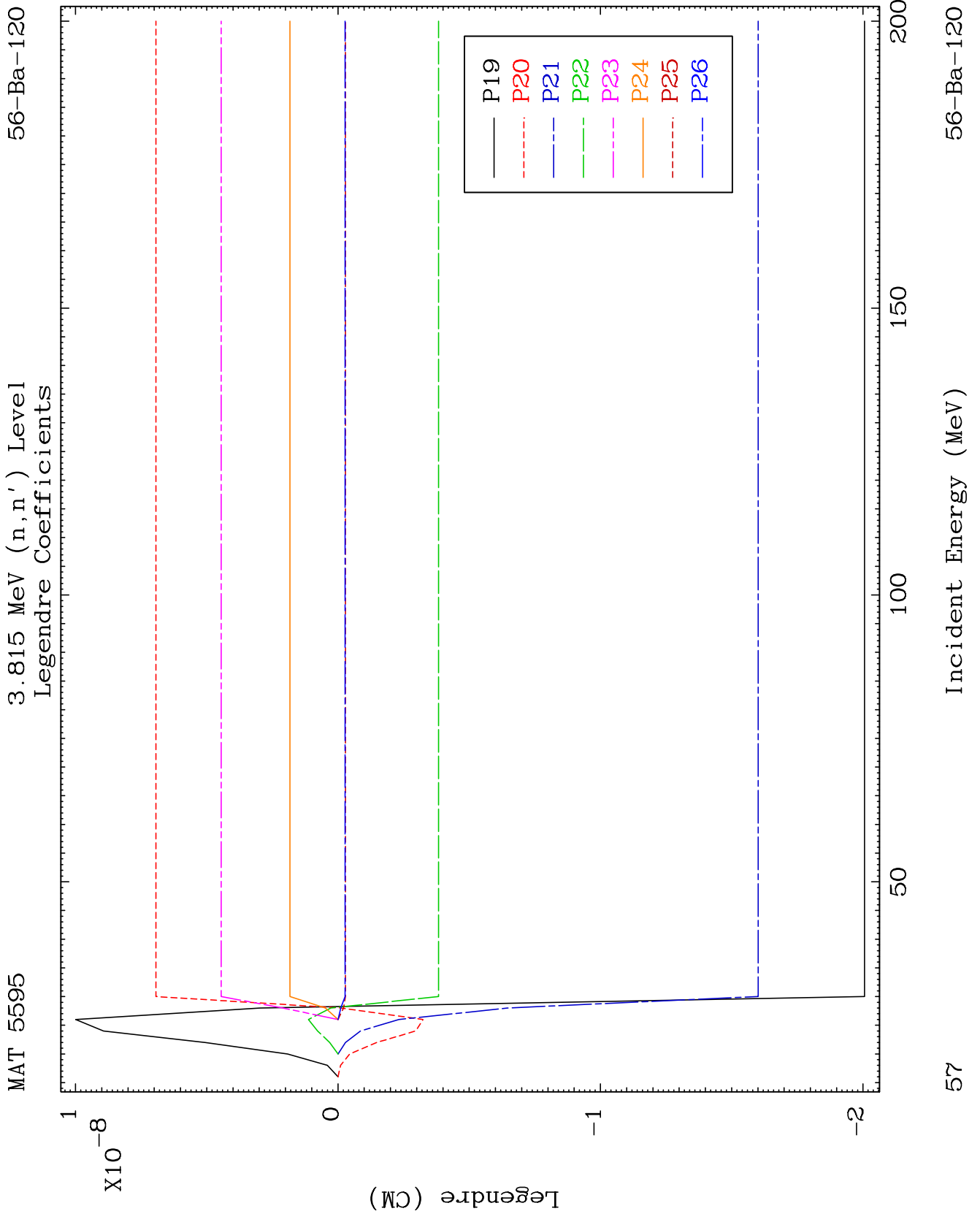


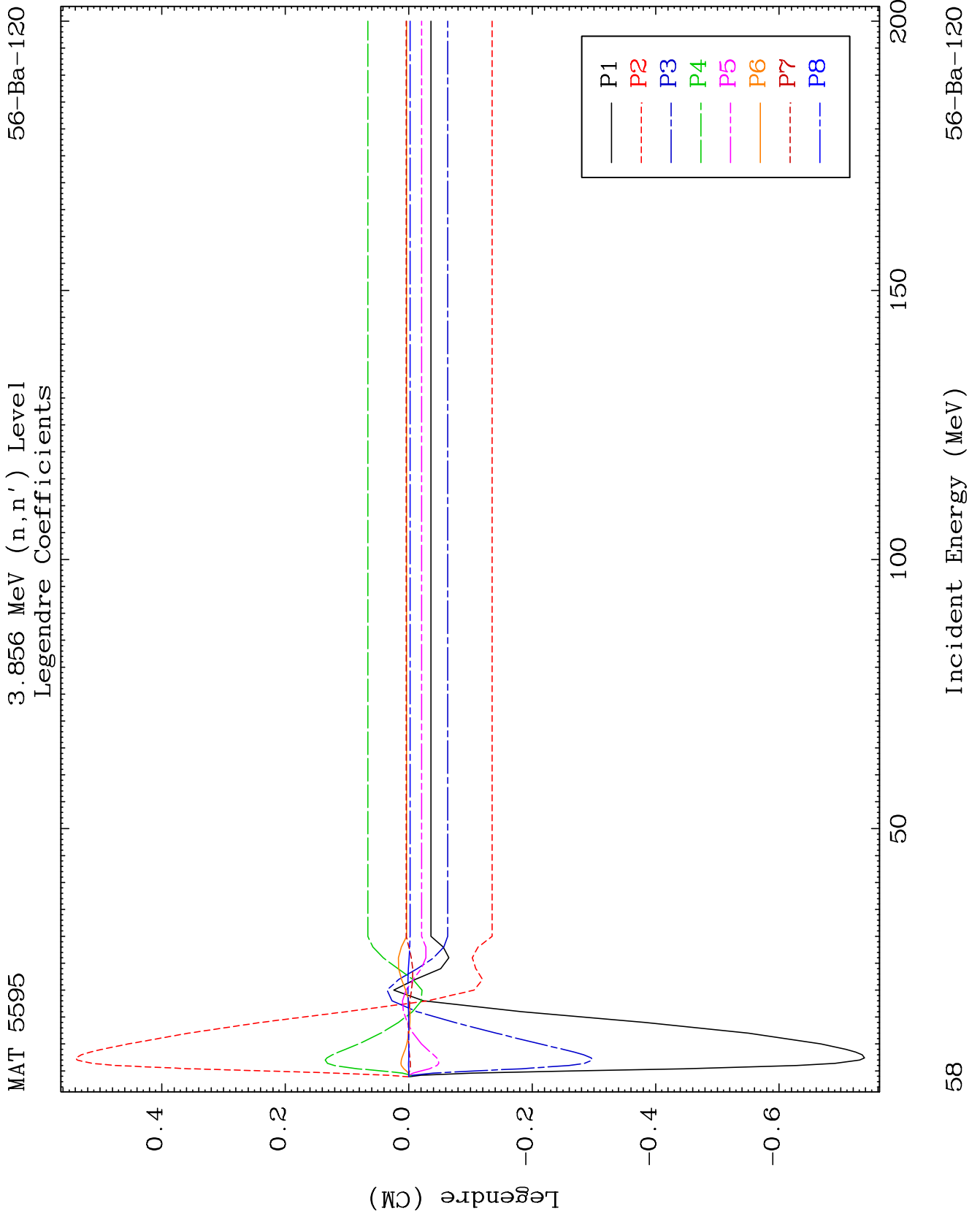








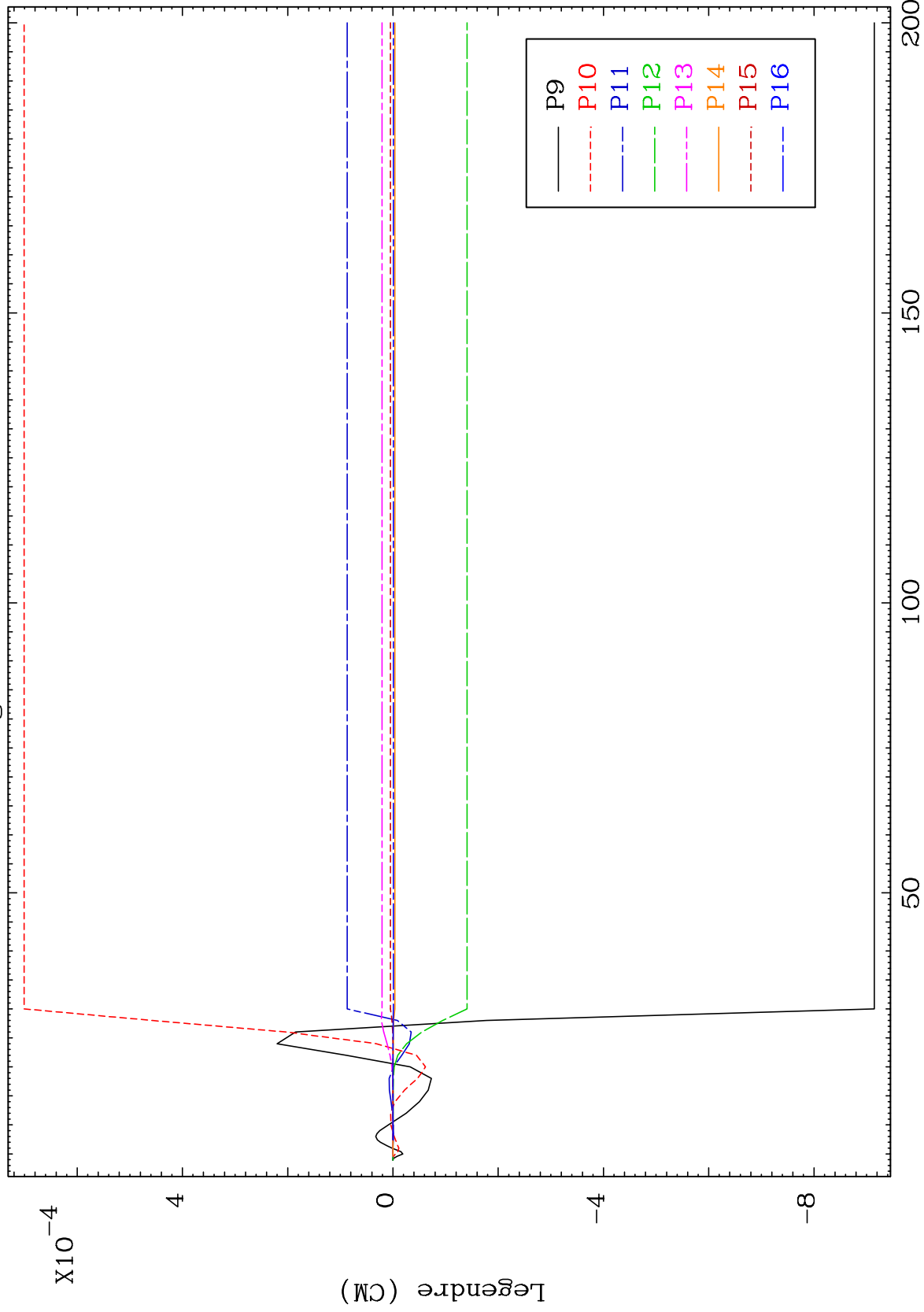




MAT 5595

3.856 MeV (n, n') Level  
Legendre Coefficients

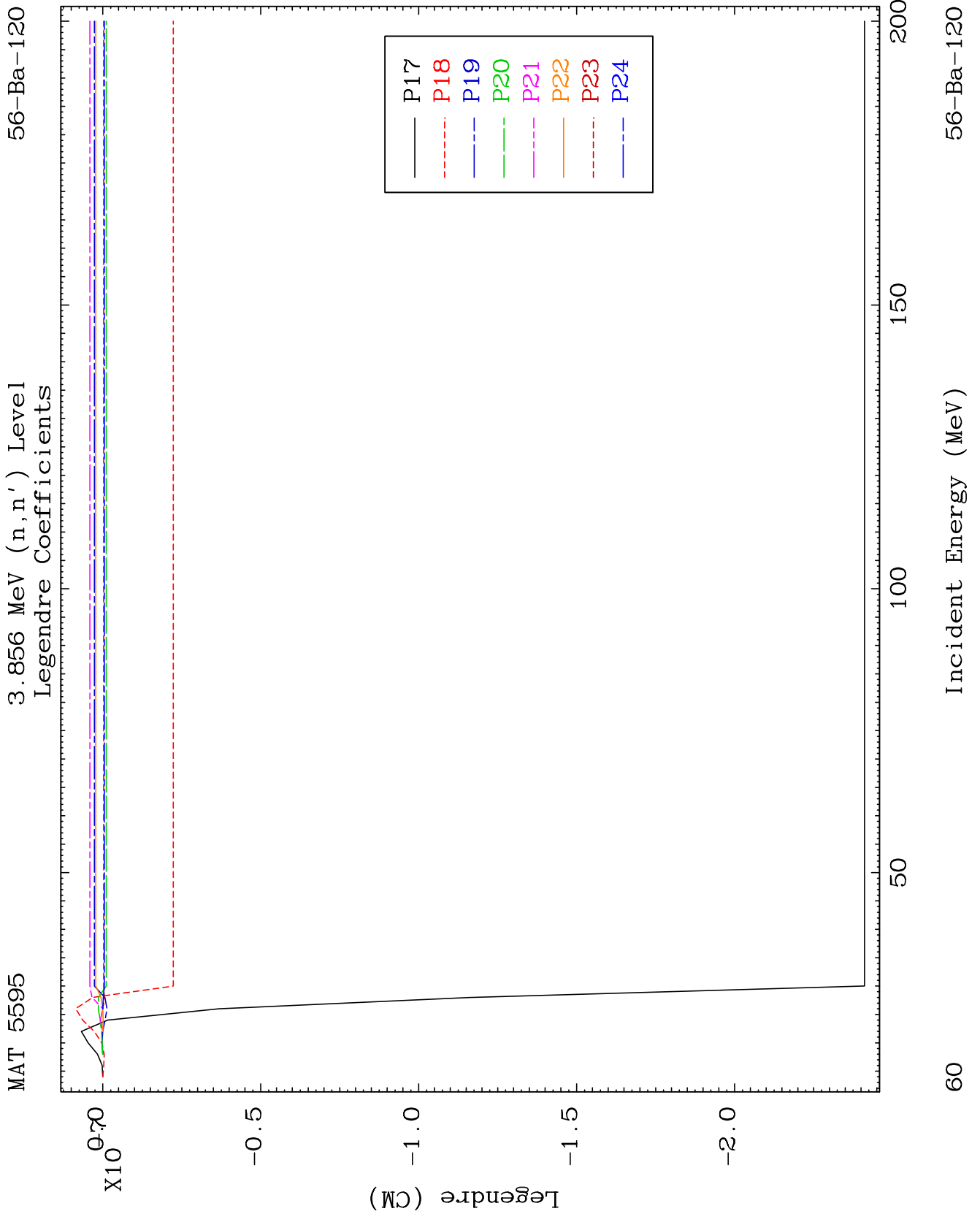
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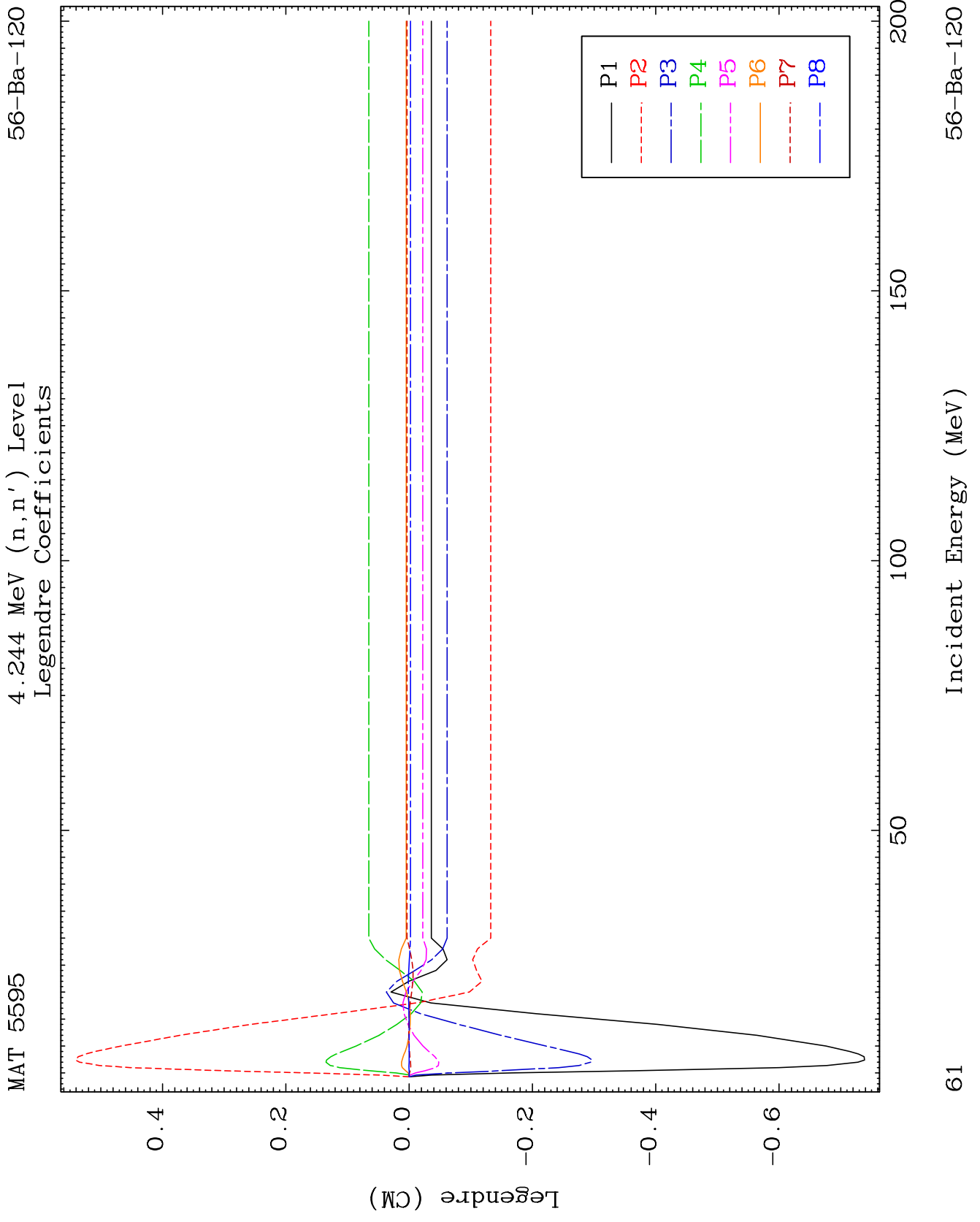


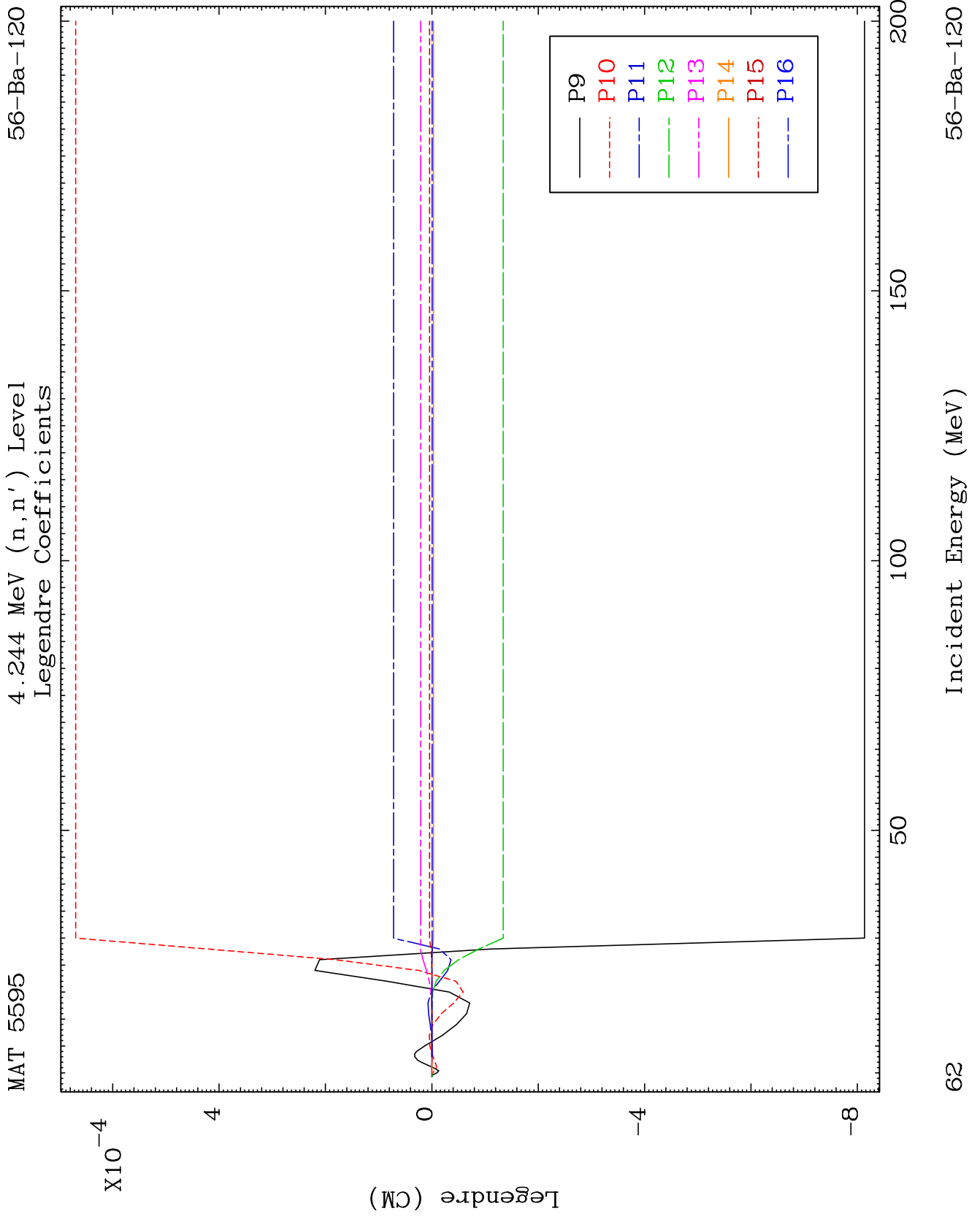
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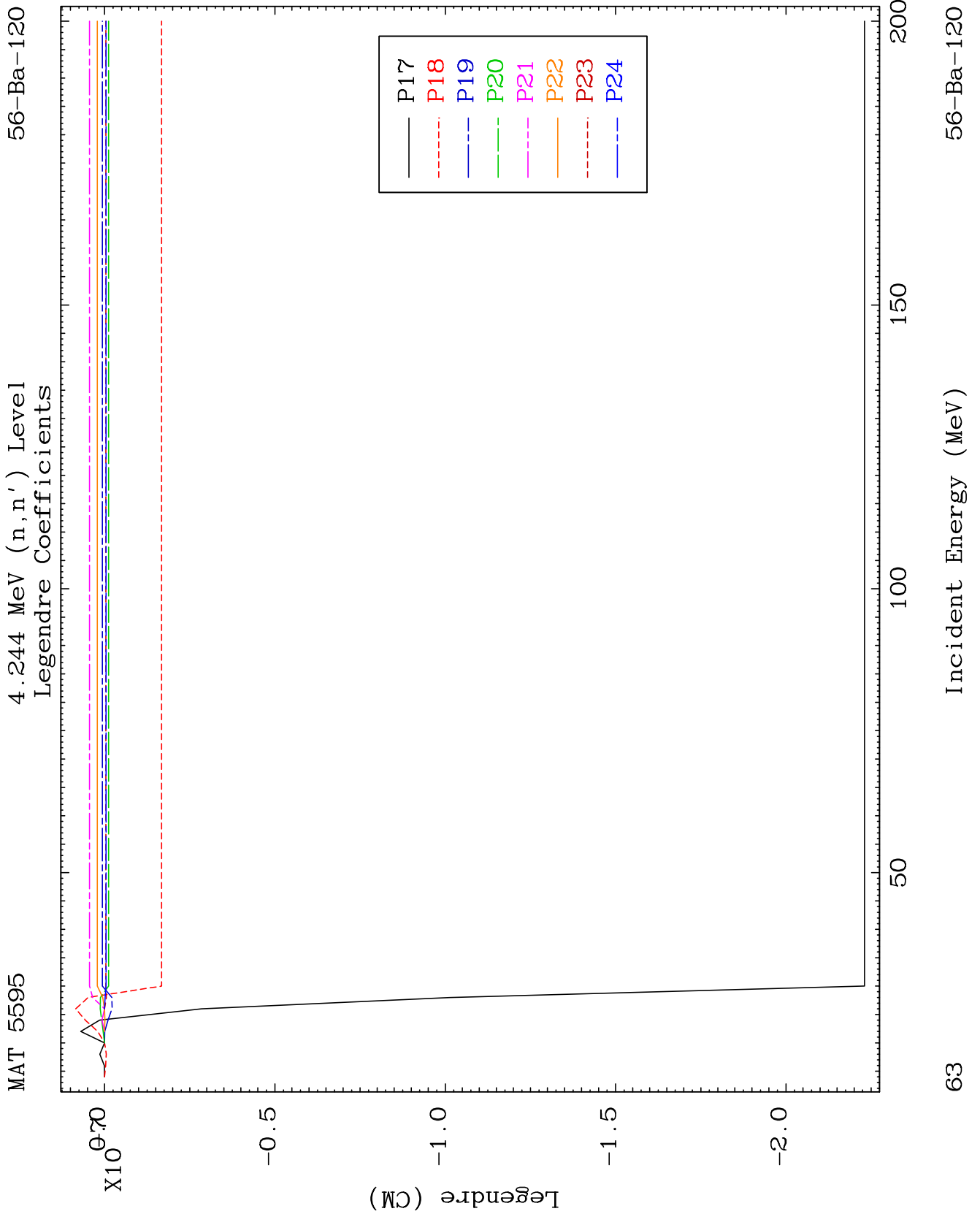
Incident Energy (MeV)

56-Ba-120

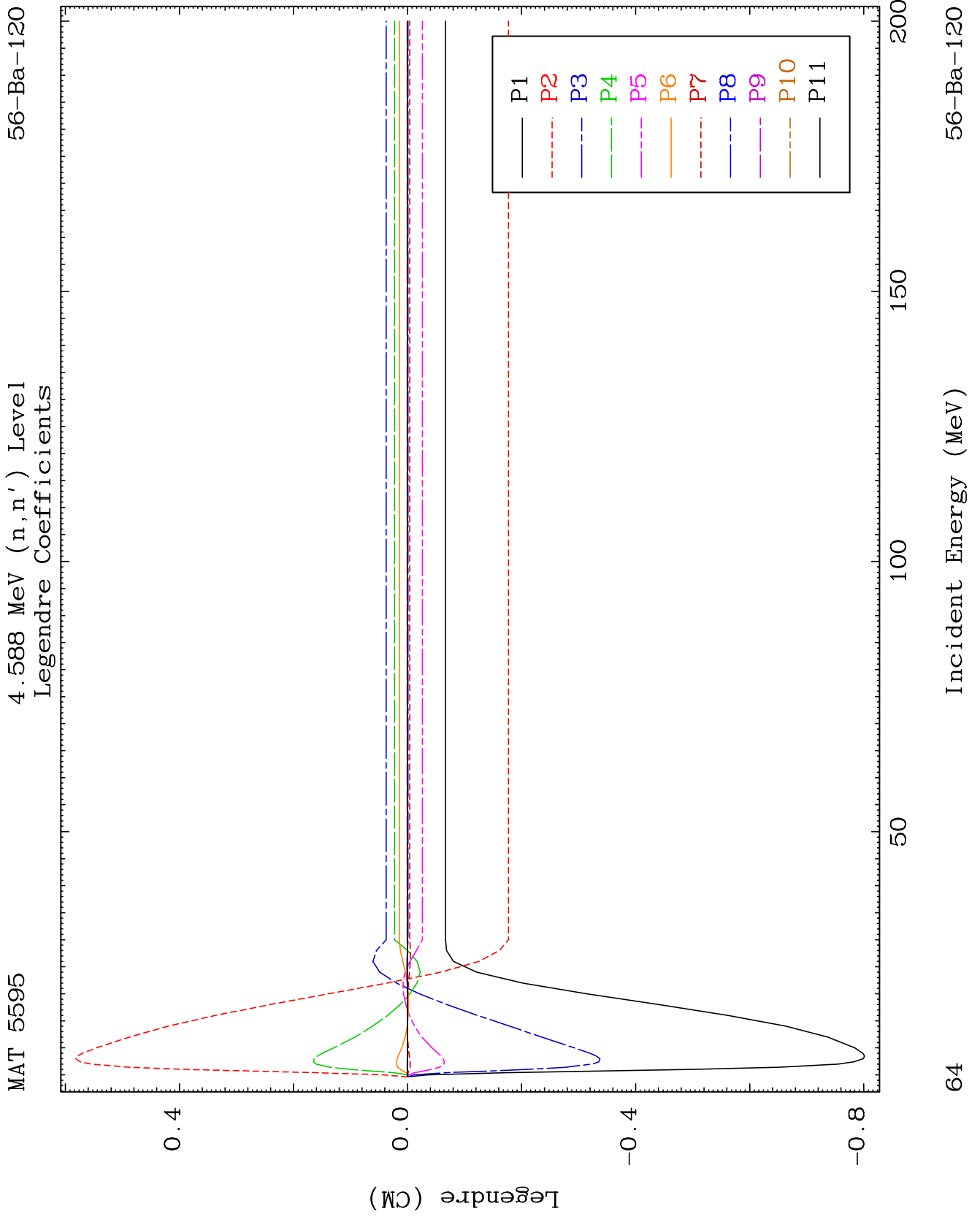








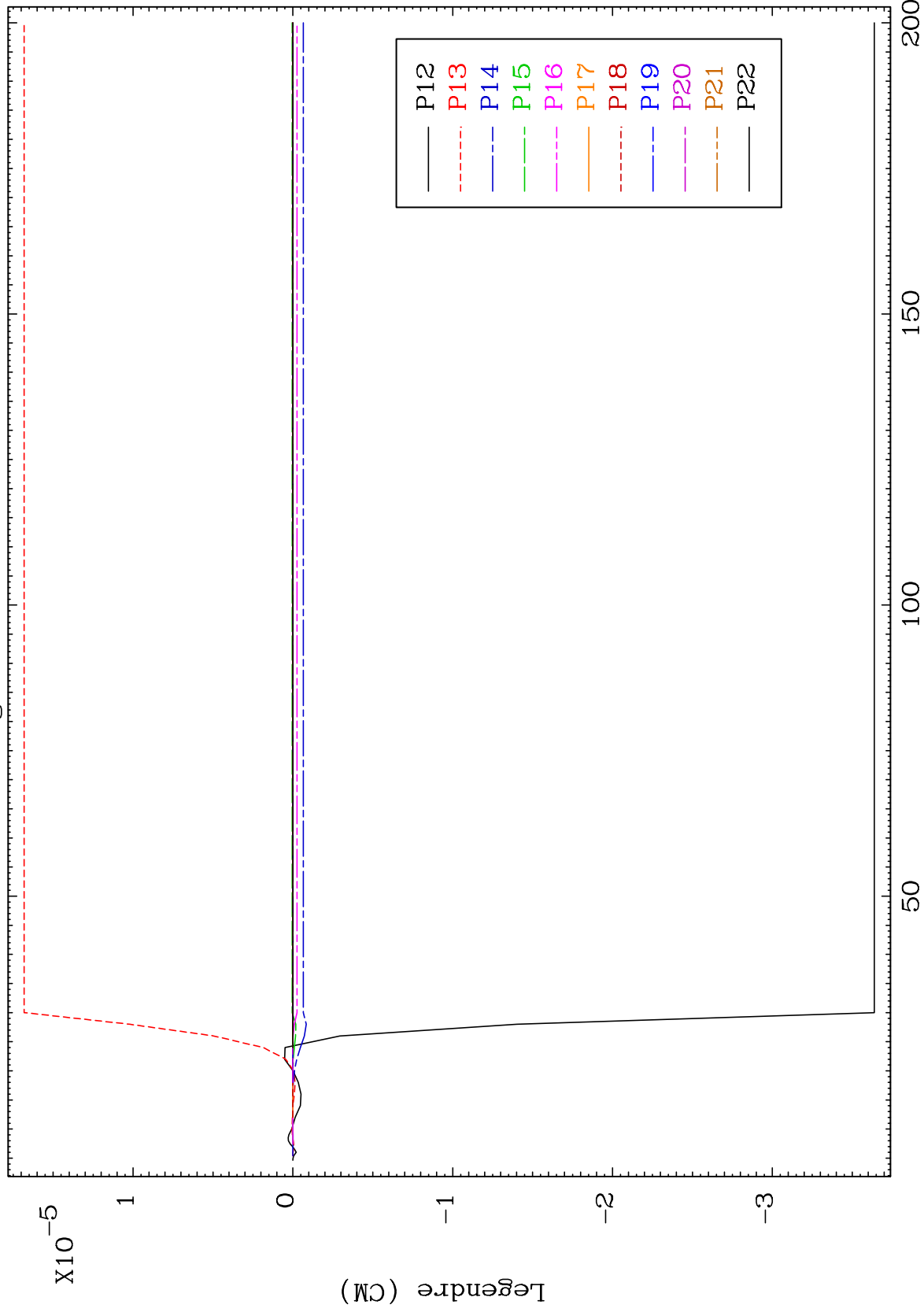




MAT 5595

4.588 MeV (n,n') Level  
Legendre Coefficients

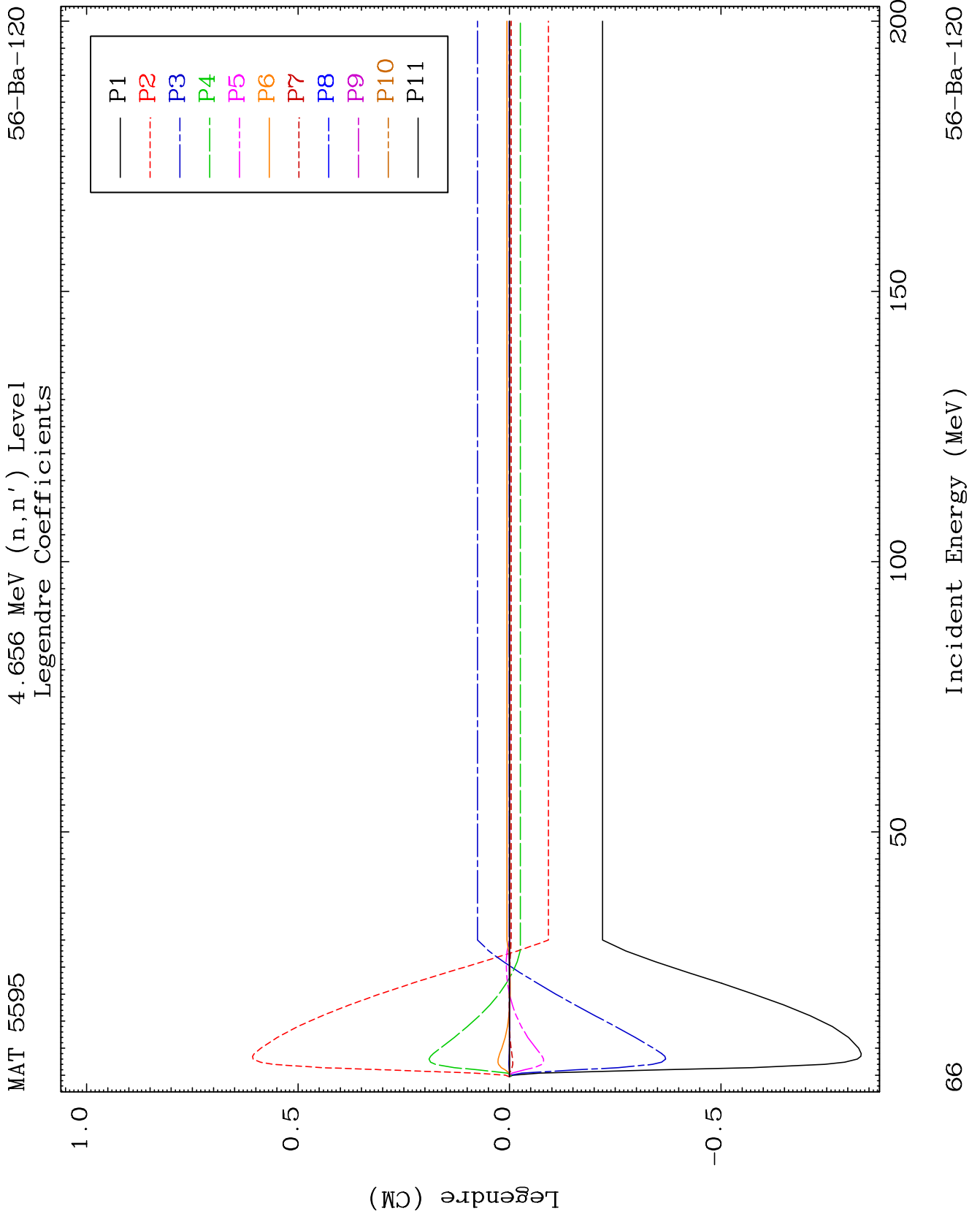
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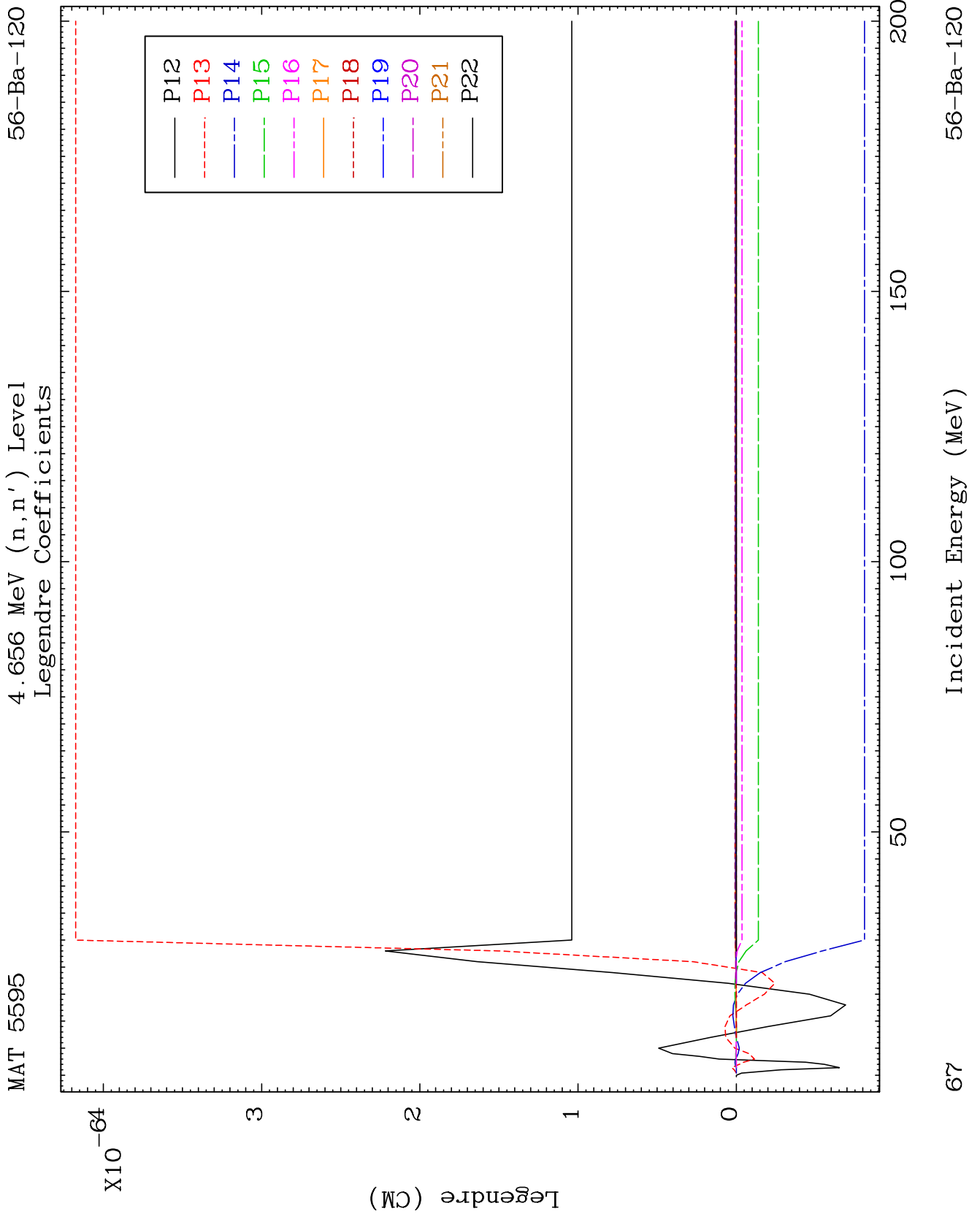


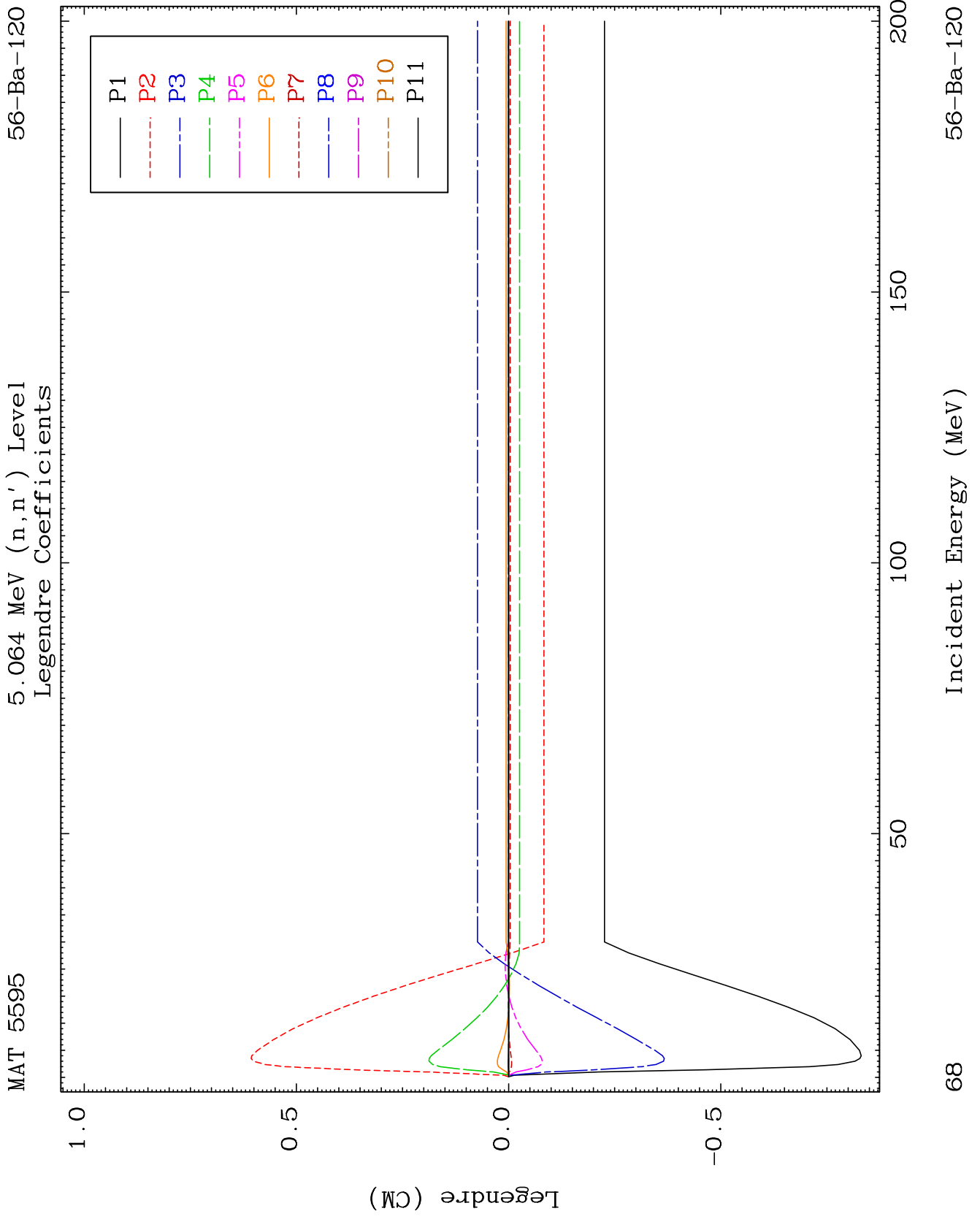
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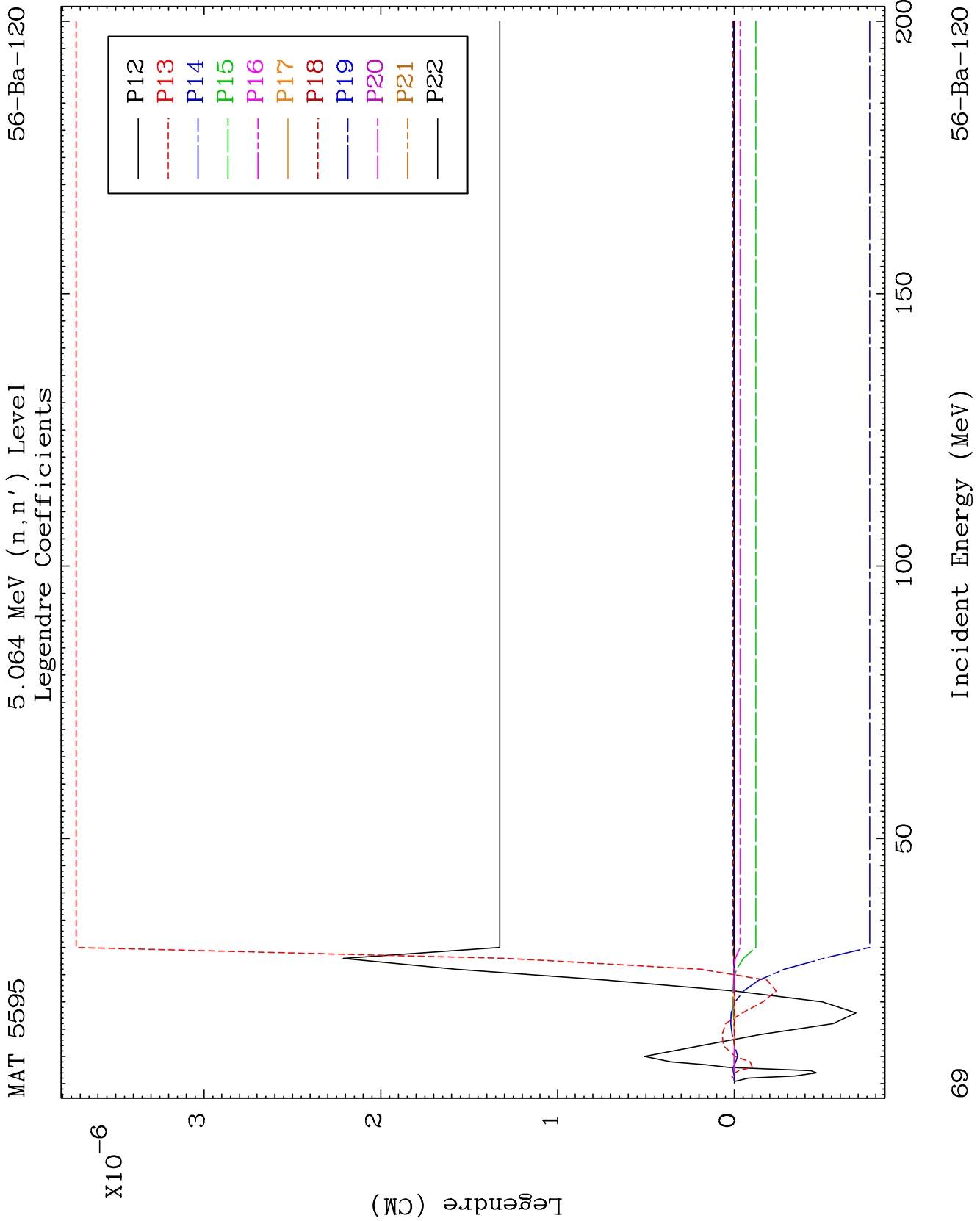
Incident Energy (MeV)

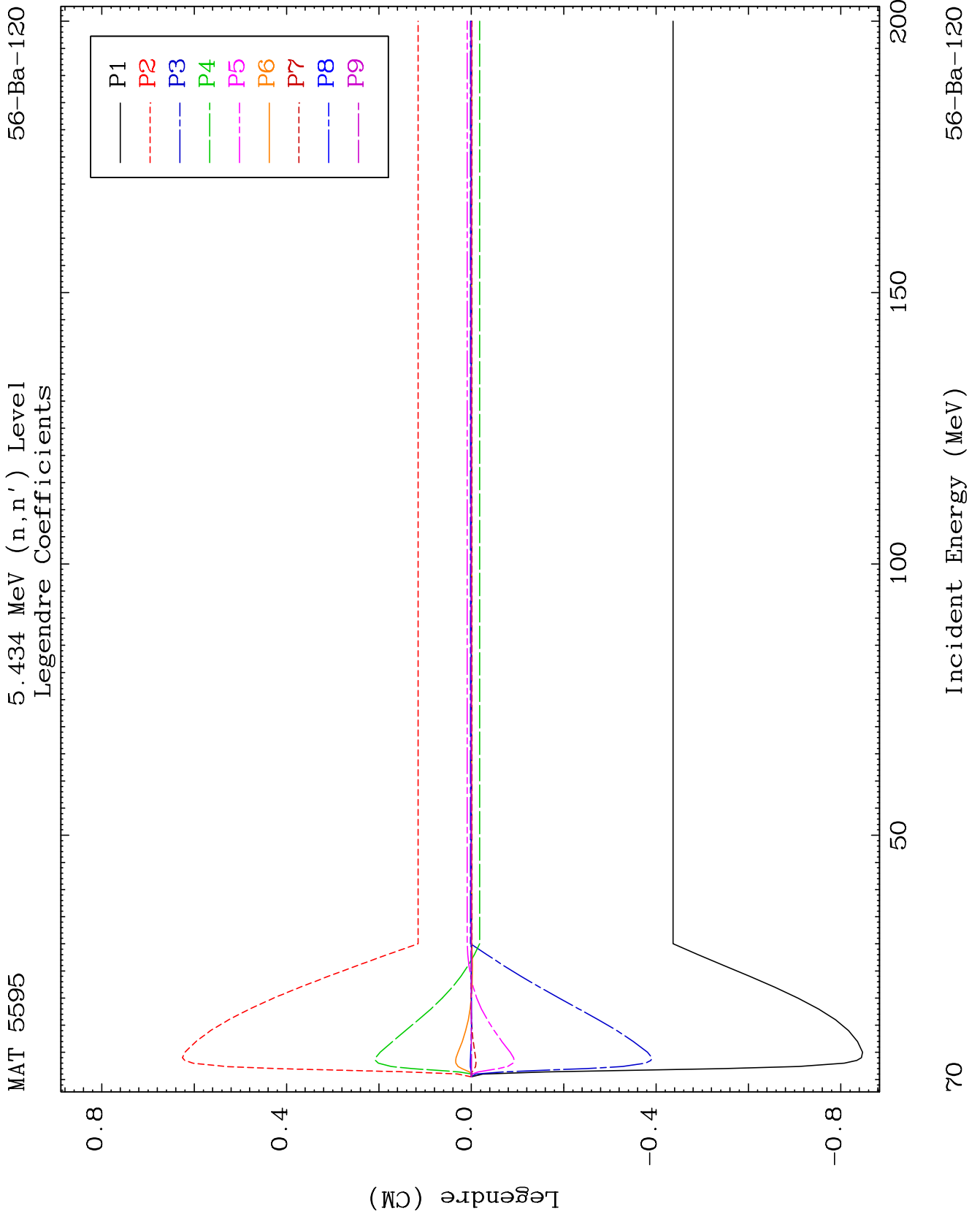
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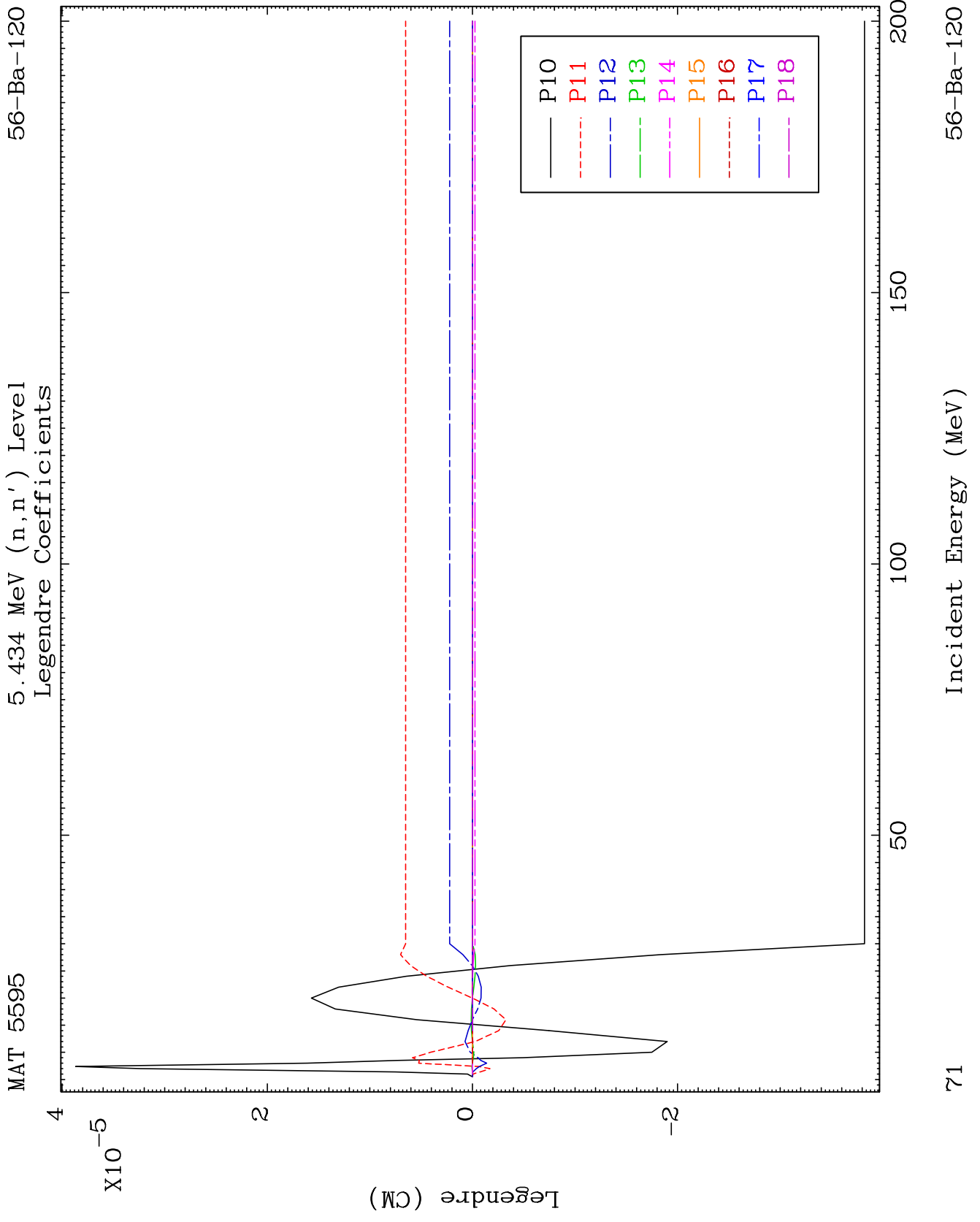




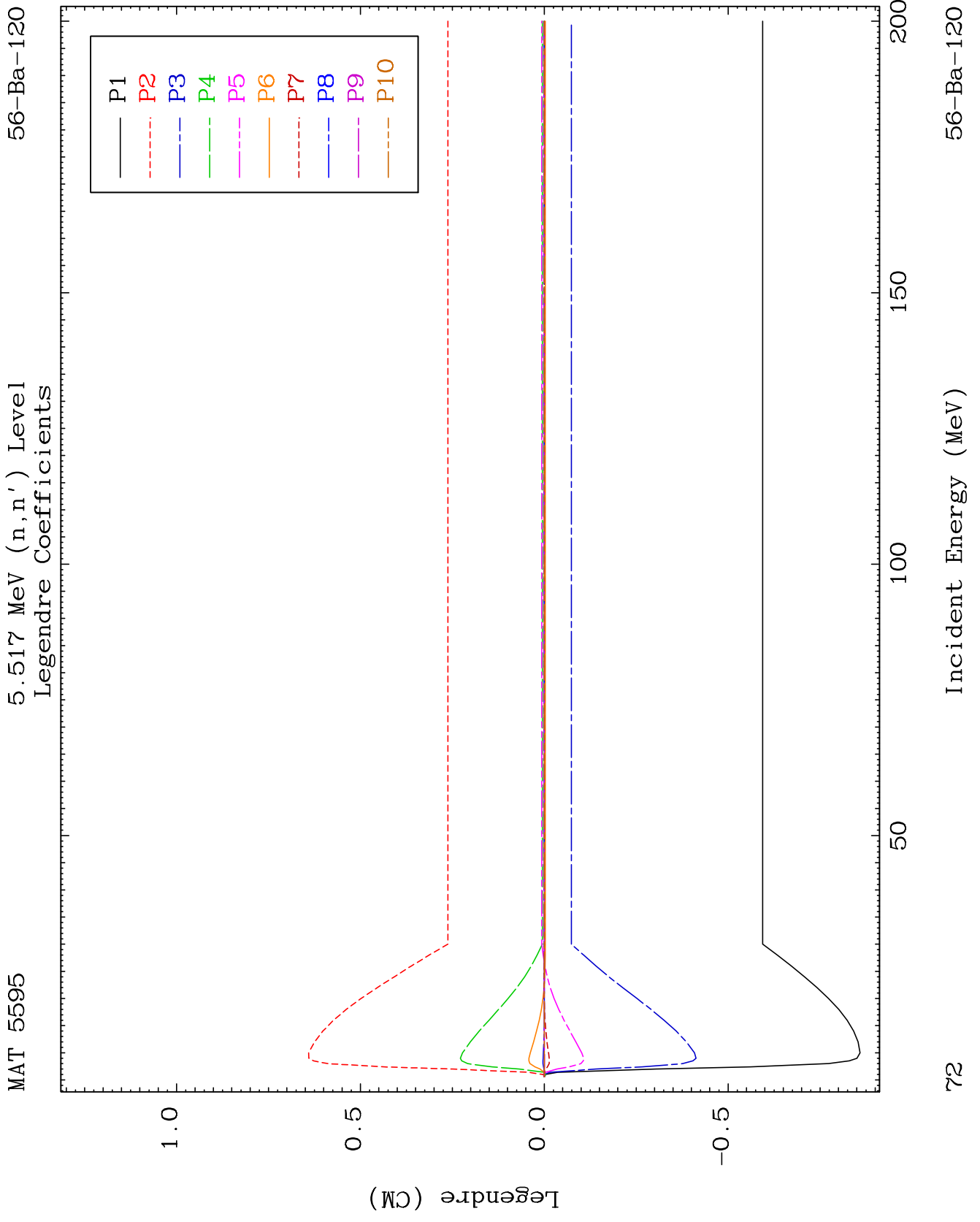


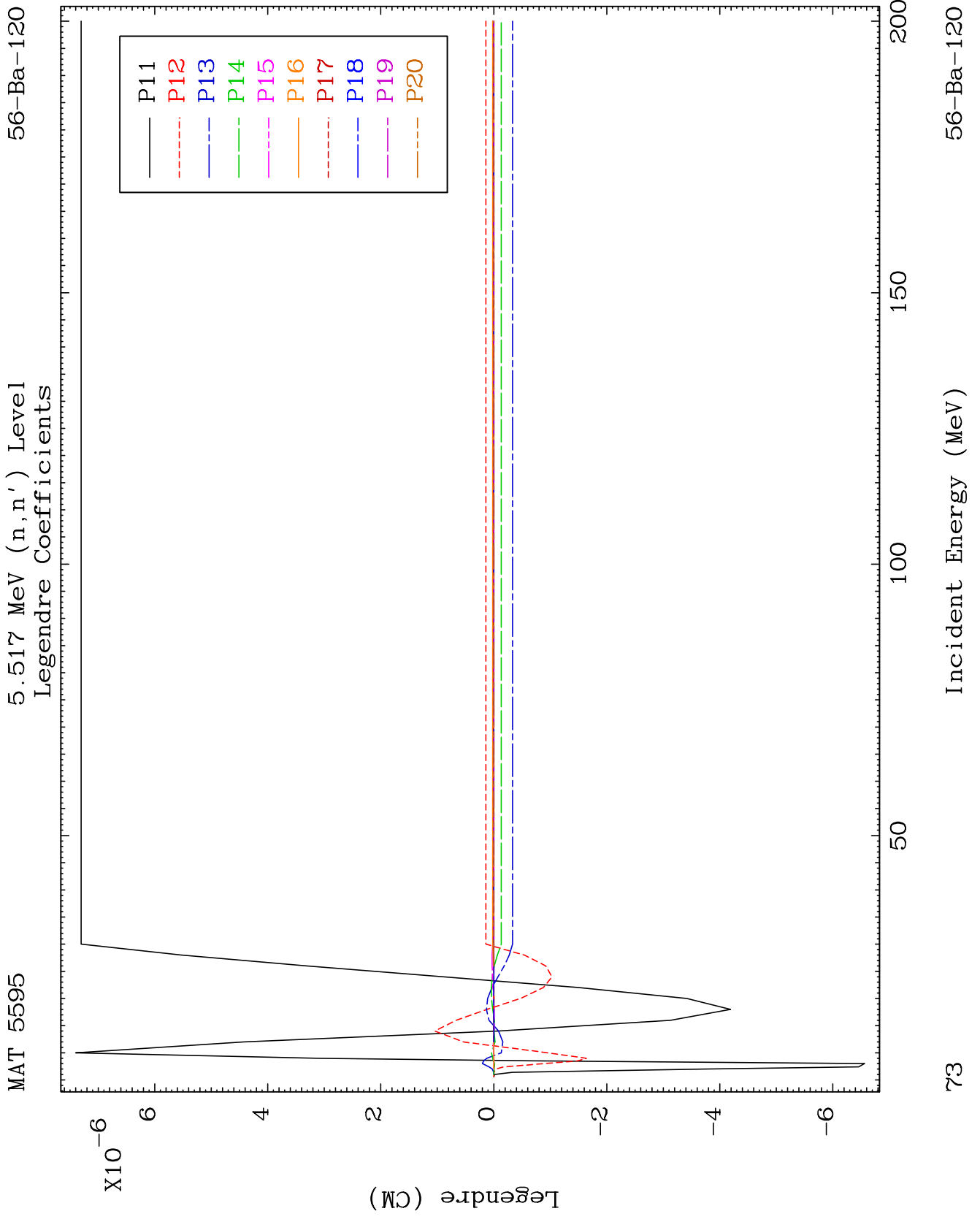






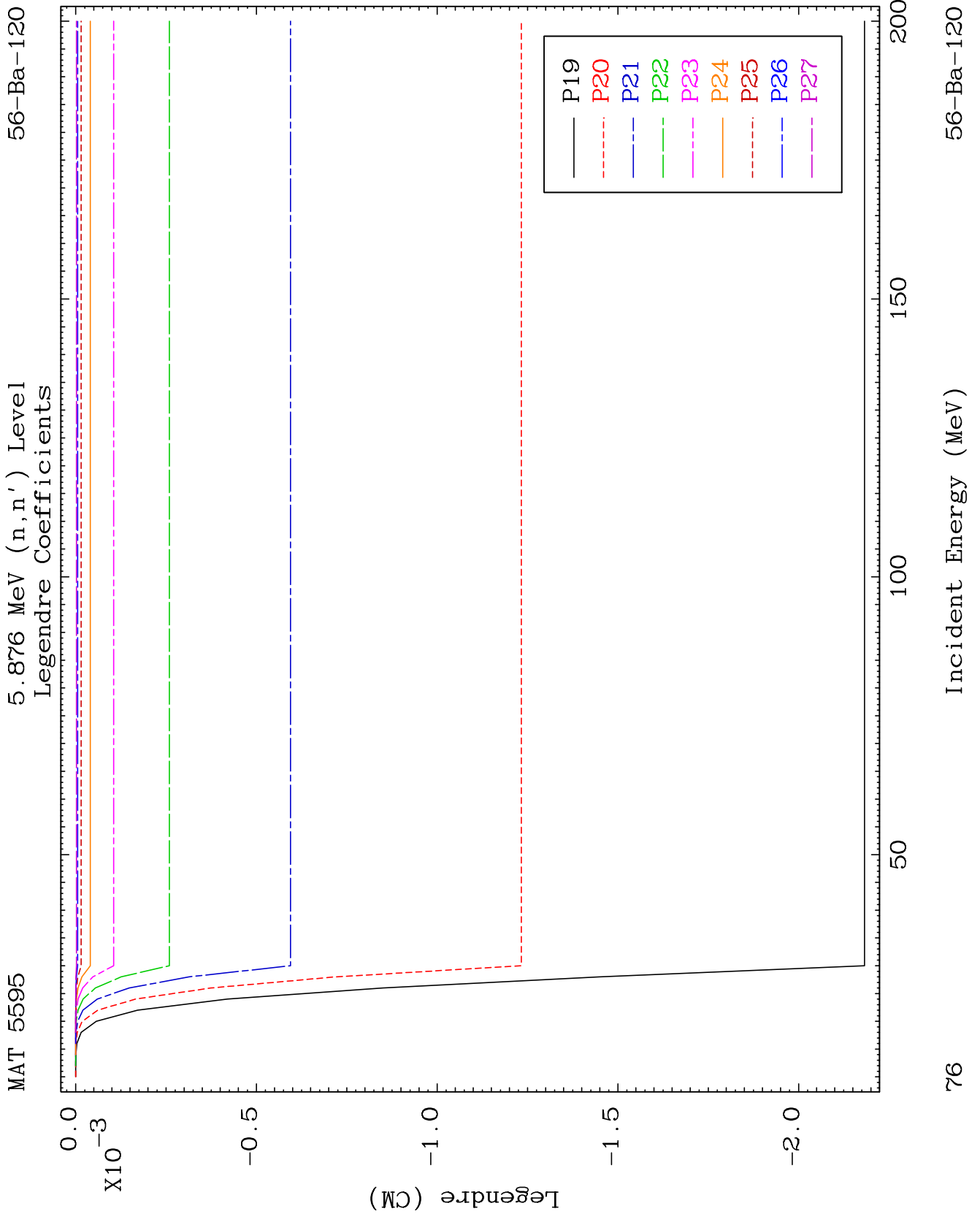


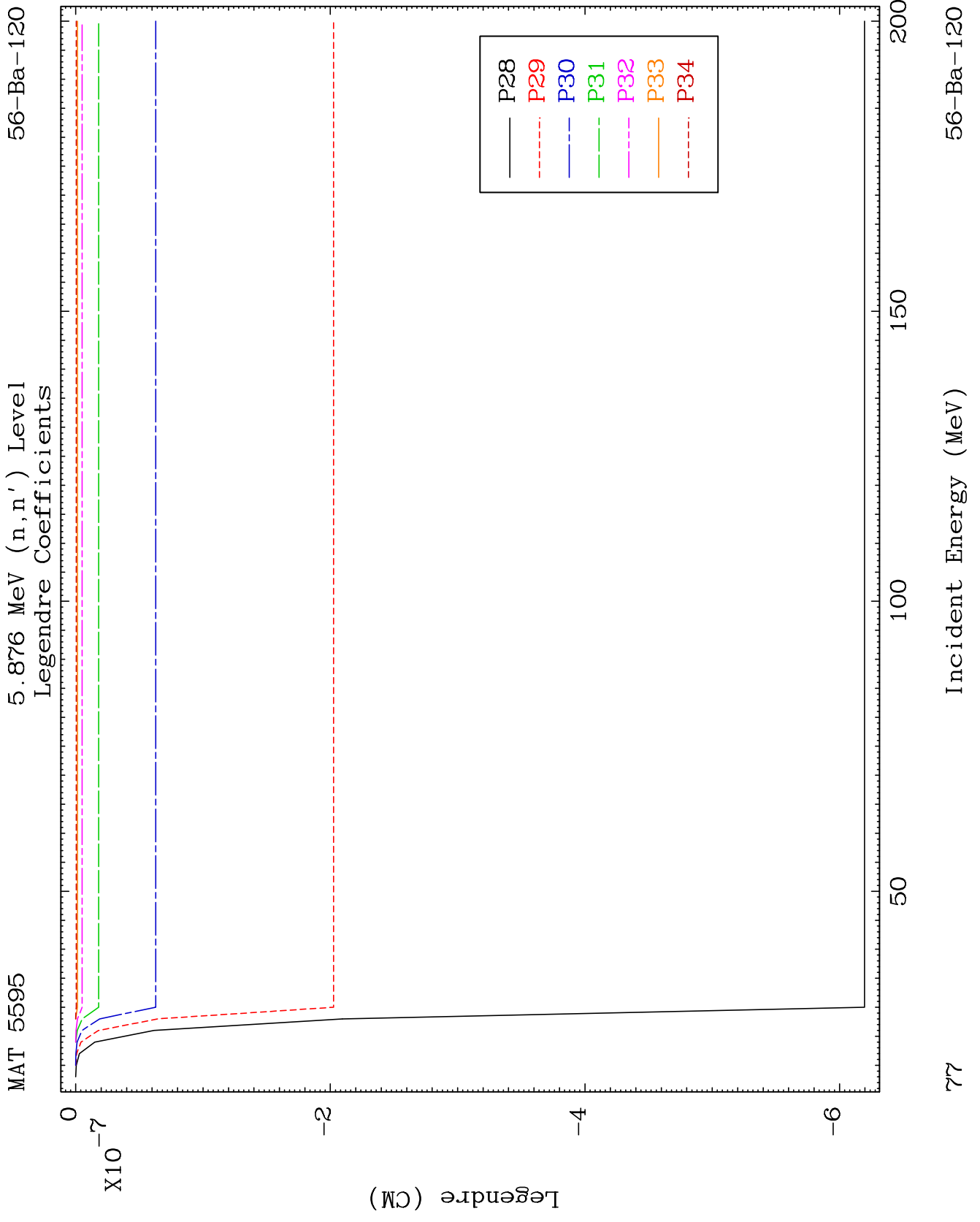








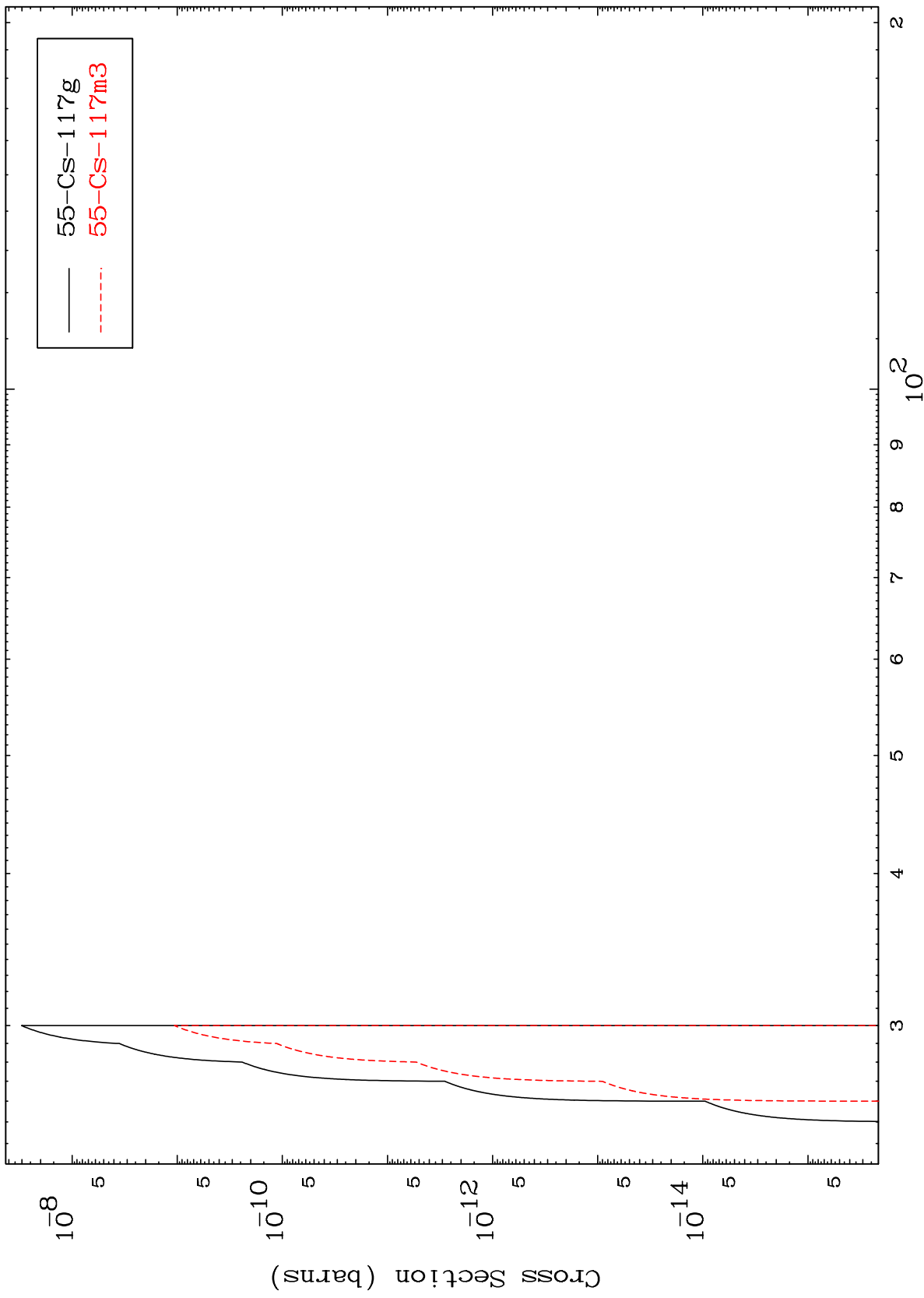




MAT 5595

56-Ba-120

(n,2n) d  
Radionuclide Production Cross Section



78

Incident Energy (MeV)

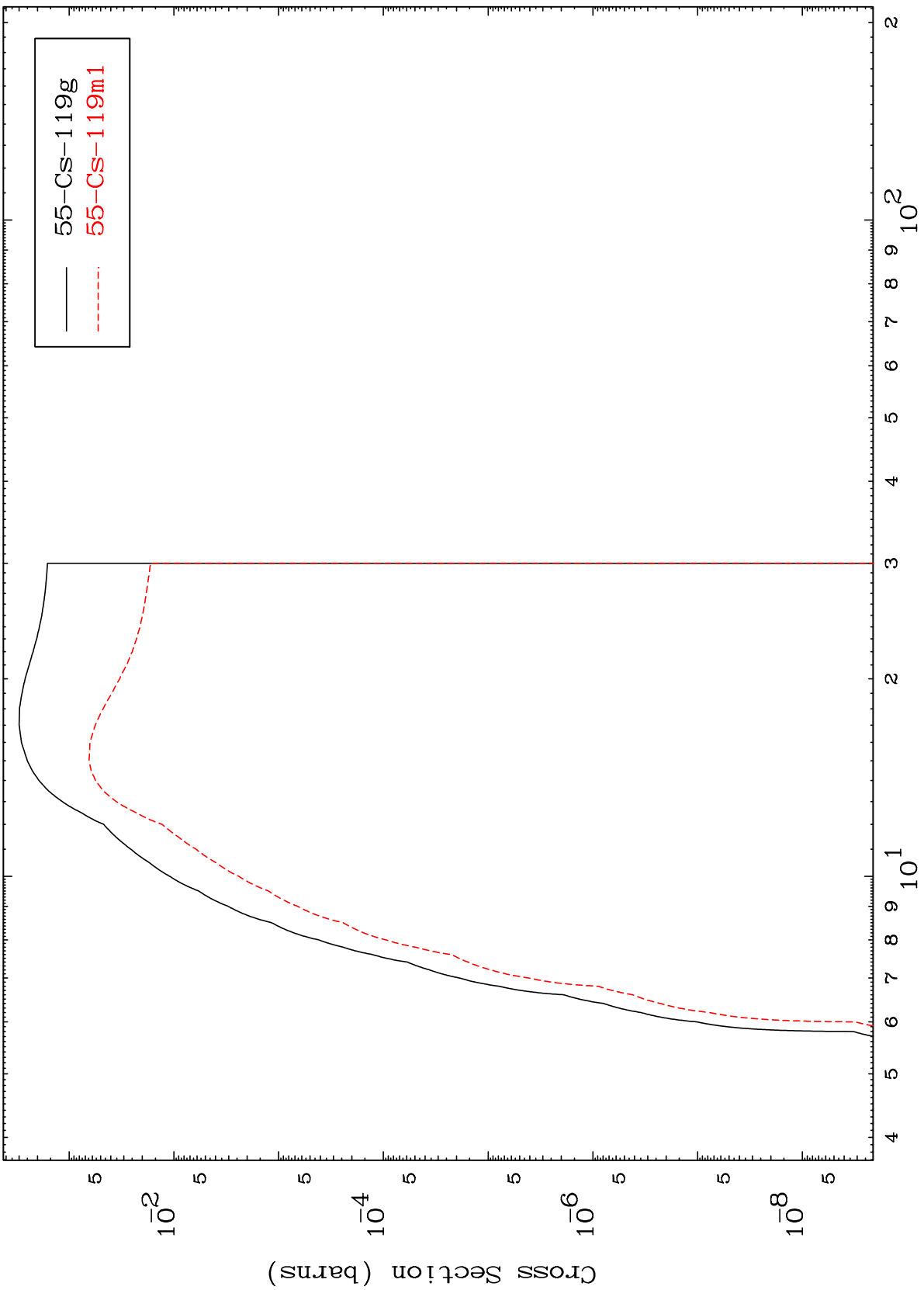
56-Ba-120

MAT 5595

(n,n') p

56-Ba-120

Radionuclide Production Cross Section



79

Incident Energy (MeV)

56-Ba-120

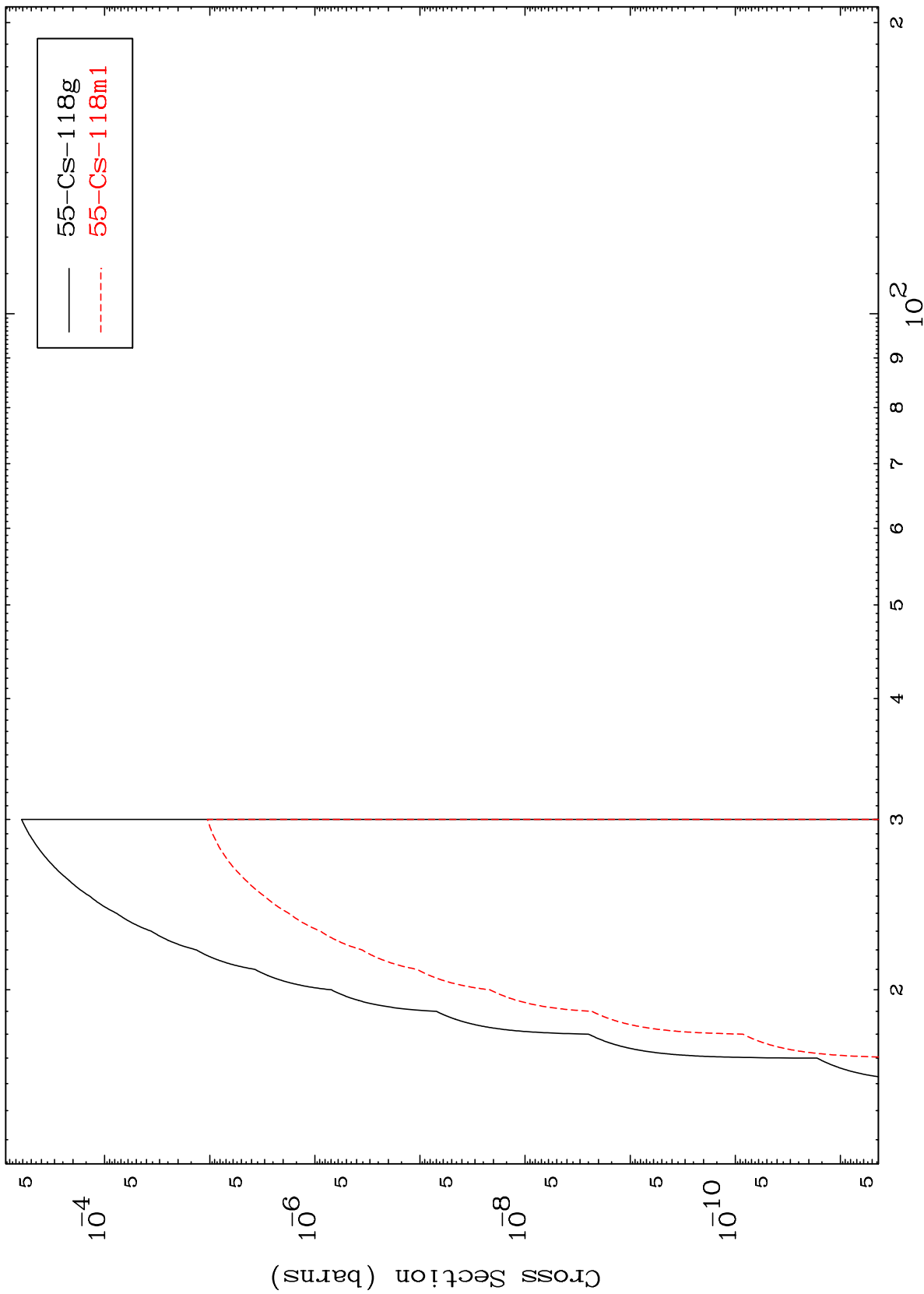


MAT 5595

(n,n') d

56-Ba-120

Radionuclide Production Cross Section



80

Incident Energy (MeV)

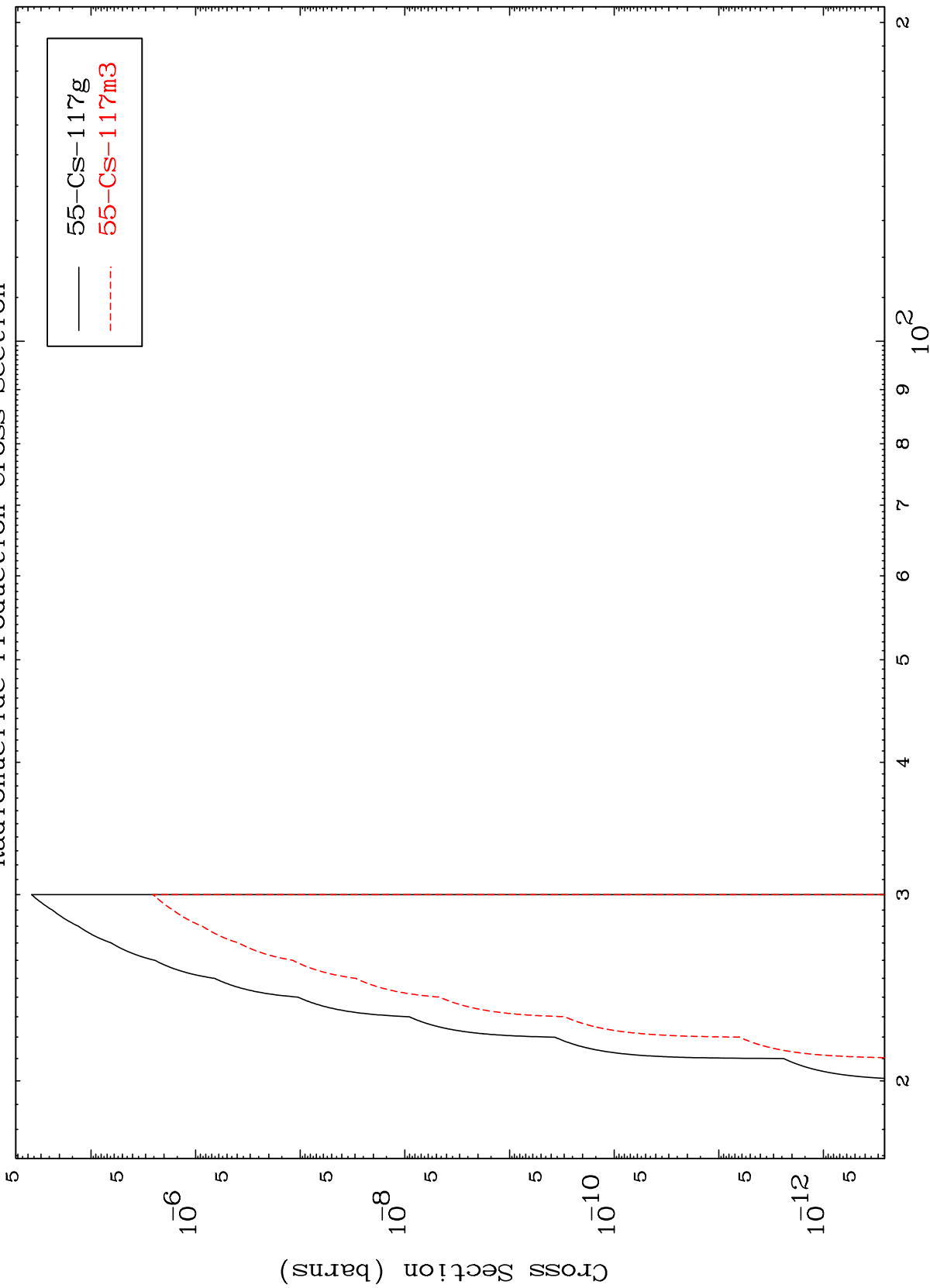
56-Ba-120

MAT 5595

(n,n') t

56-Ba-120

Radionuclide Production Cross Section



81

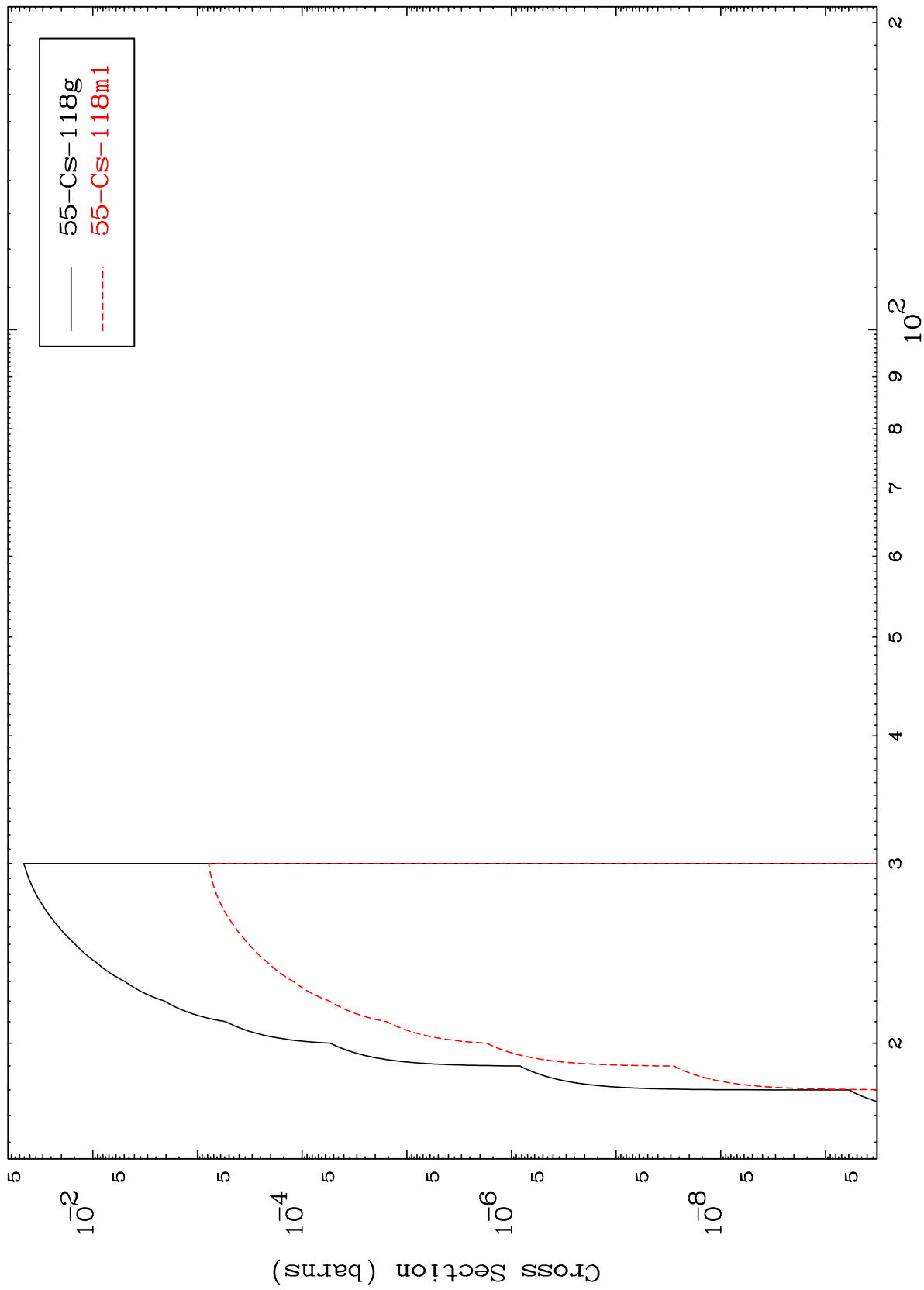
Incident Energy (MeV)

56-Ba-120

MAT 5595

56-Ba-120

(n,2n) p  
Radionuclide Production Cross Section



82

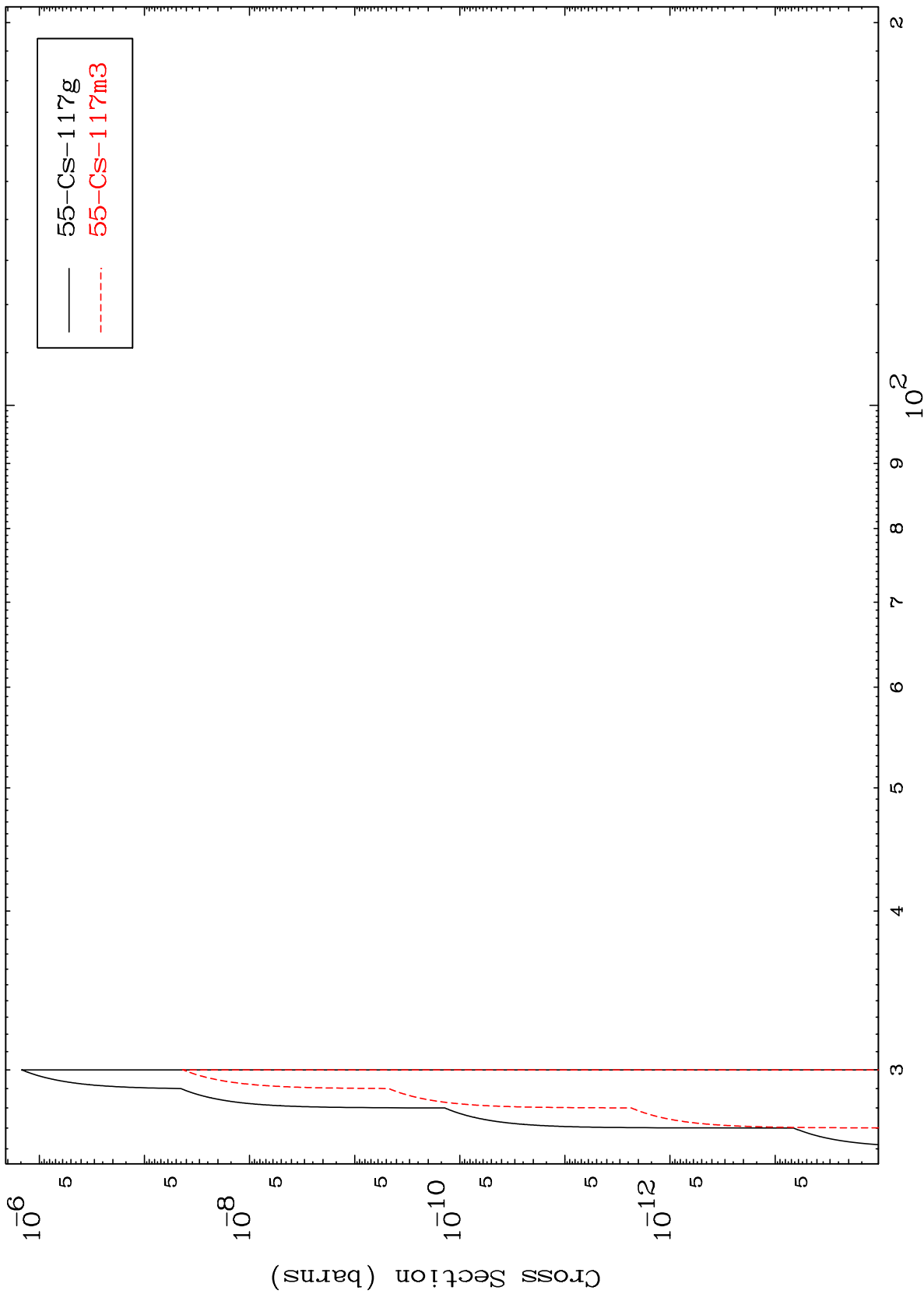
56-Ba-120

Incident Energy (MeV)

MAT 5595

56-Ba-120

(n,3n) p  
Radionuclide Production Cross Section



83

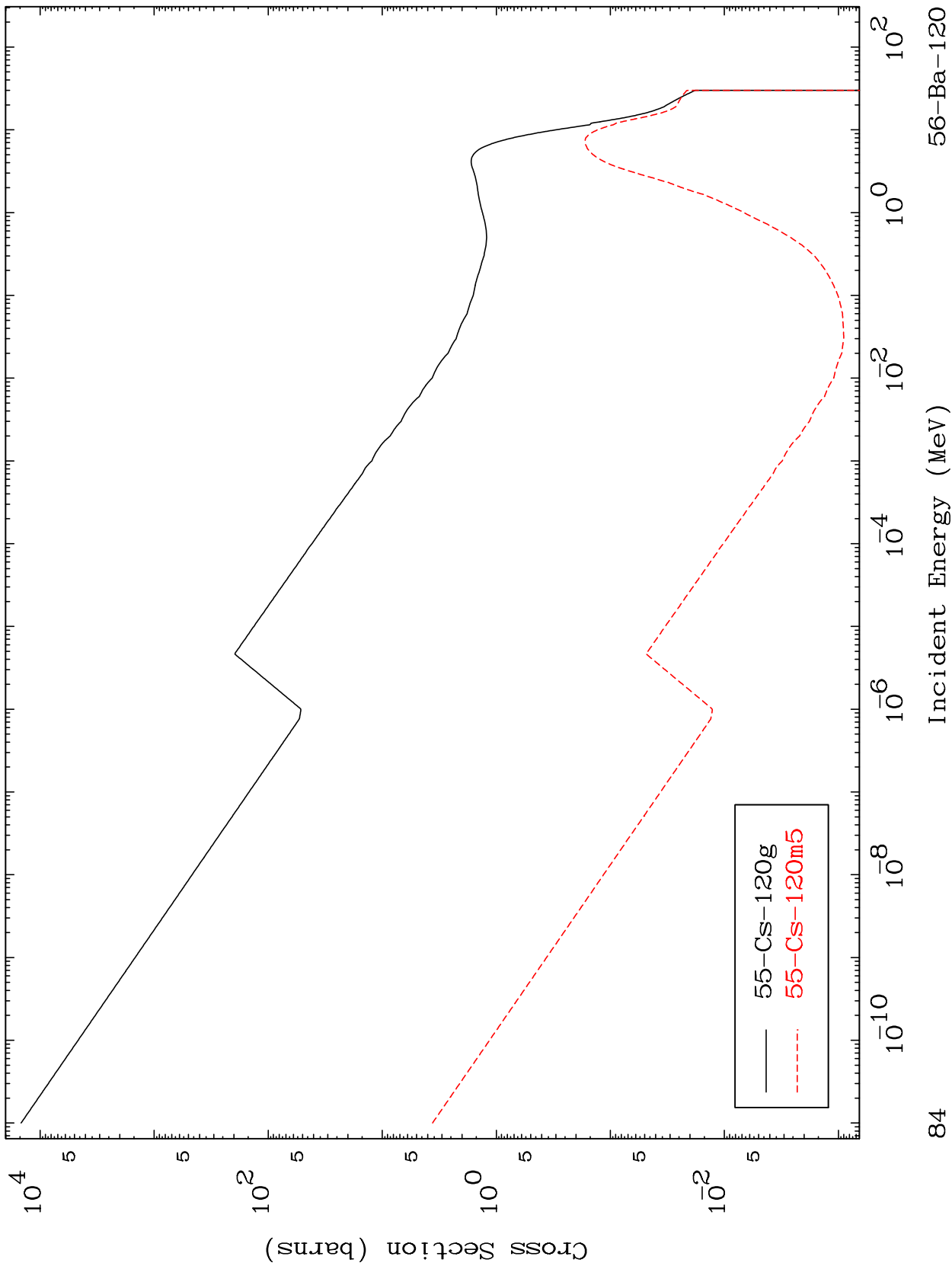
56-Ba-120

Incident Energy (MeV)

MAT 5595

56-Ba-120

(n,p)  
Radionuclide Production Cross Section

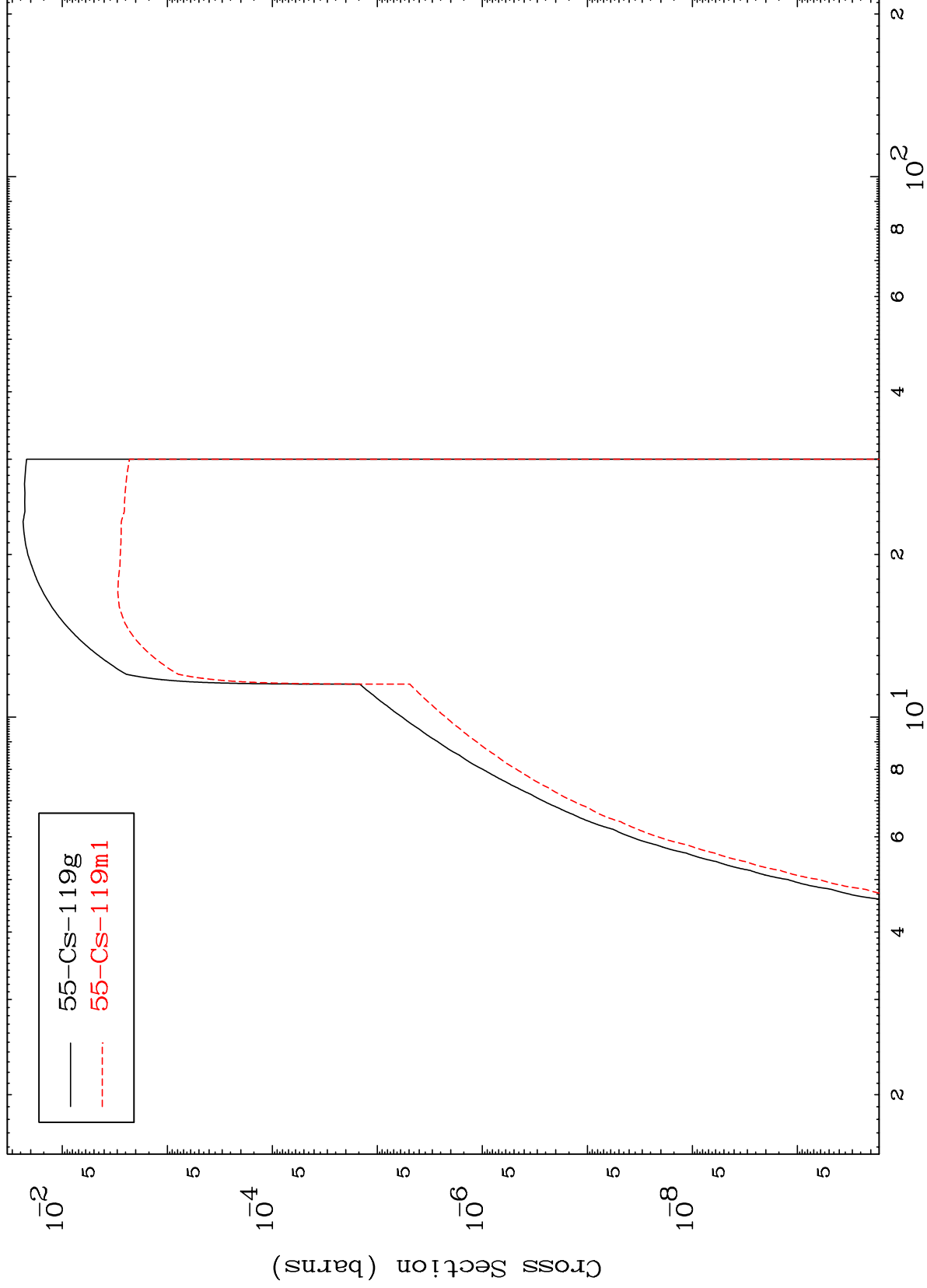


MAT 5595

(n,d)

56-Ba-120

Radionuclide Production Cross Section



85

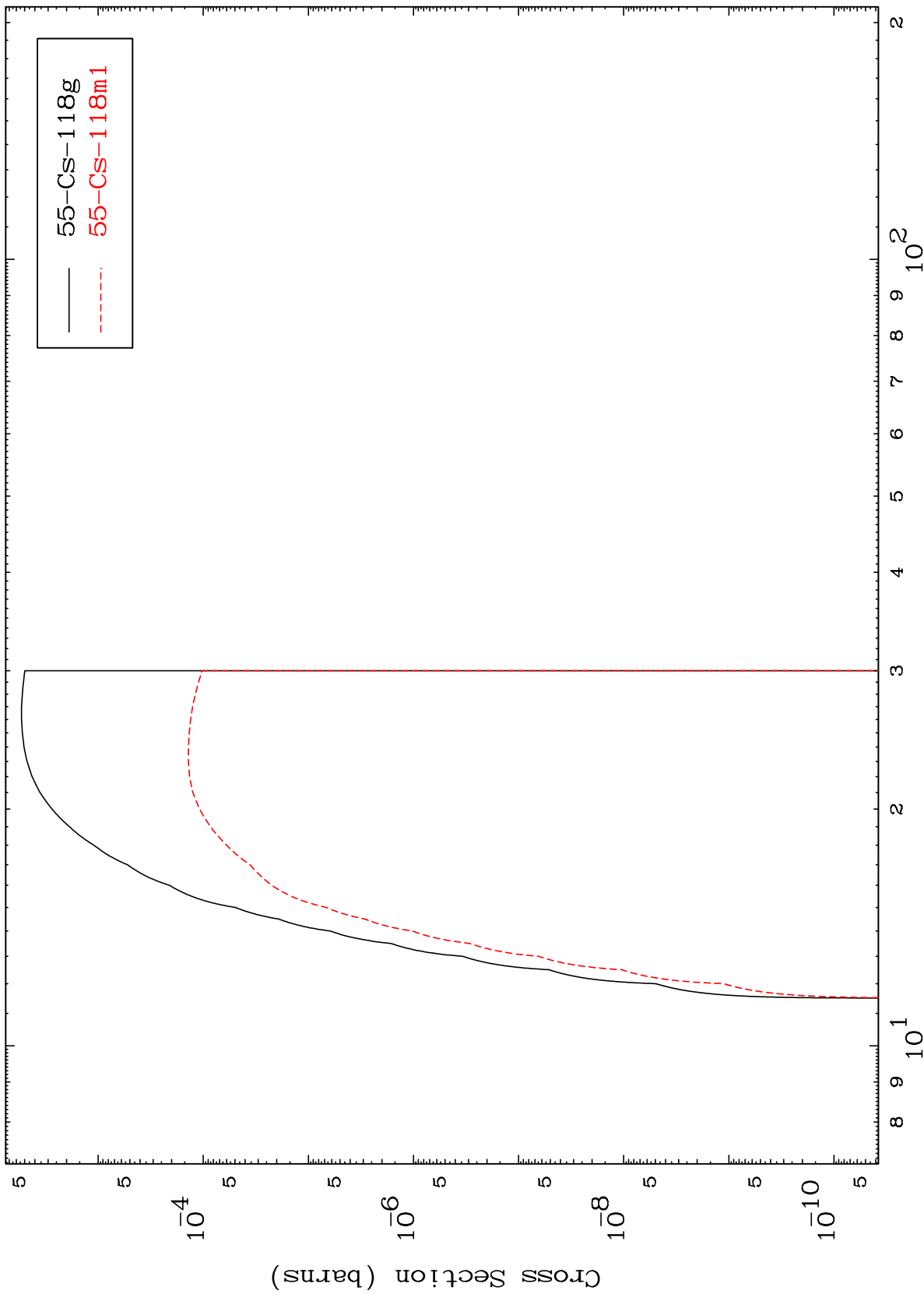
Incident Energy (MeV)

56-Ba-120

MAT 5595

56-Ba-120

(n,t)  
Radionuclide Production Cross Section



86

Incident Energy (MeV)

56-Ba-120