

Program EVALPLOT  
(Version 2015-2)

by

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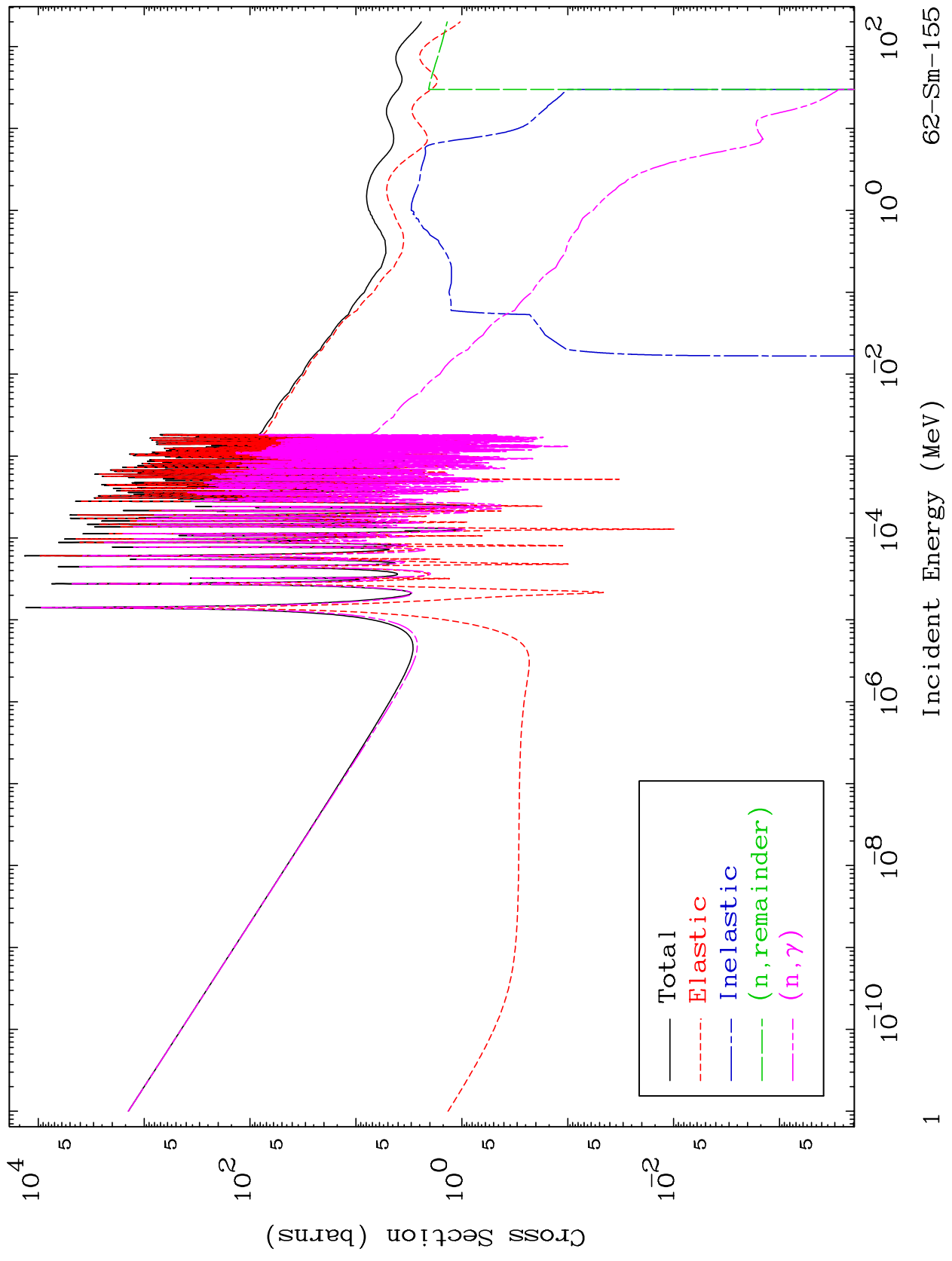
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6258

Major  
293 Kelvin Cross Sections

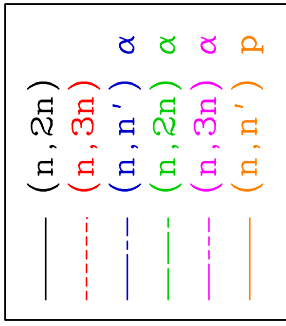
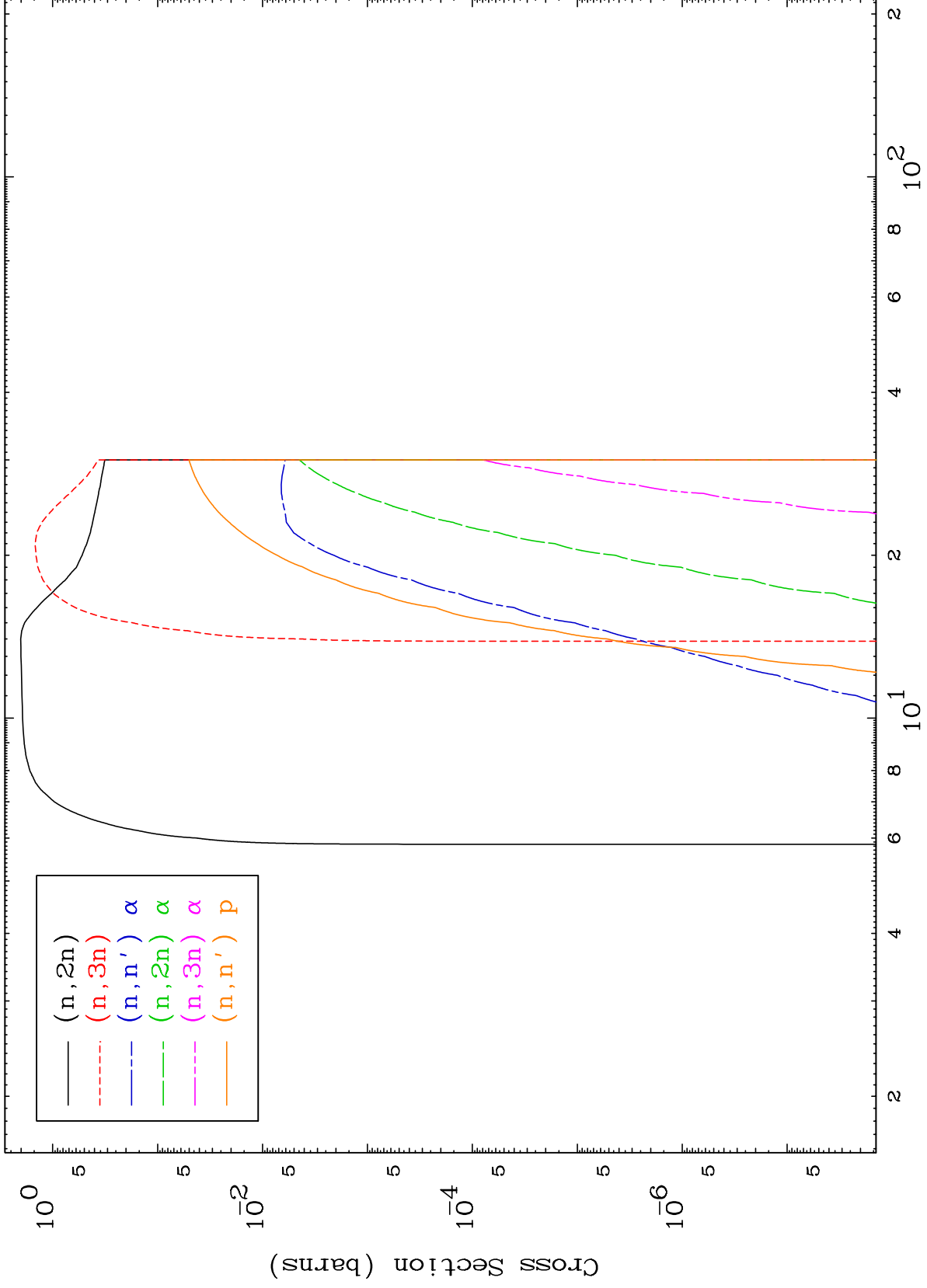
62-Sm-155



MAT 6258

Neutron Production  
293 Kelvin Cross Sections

62-Sm-155



62-Sm-155

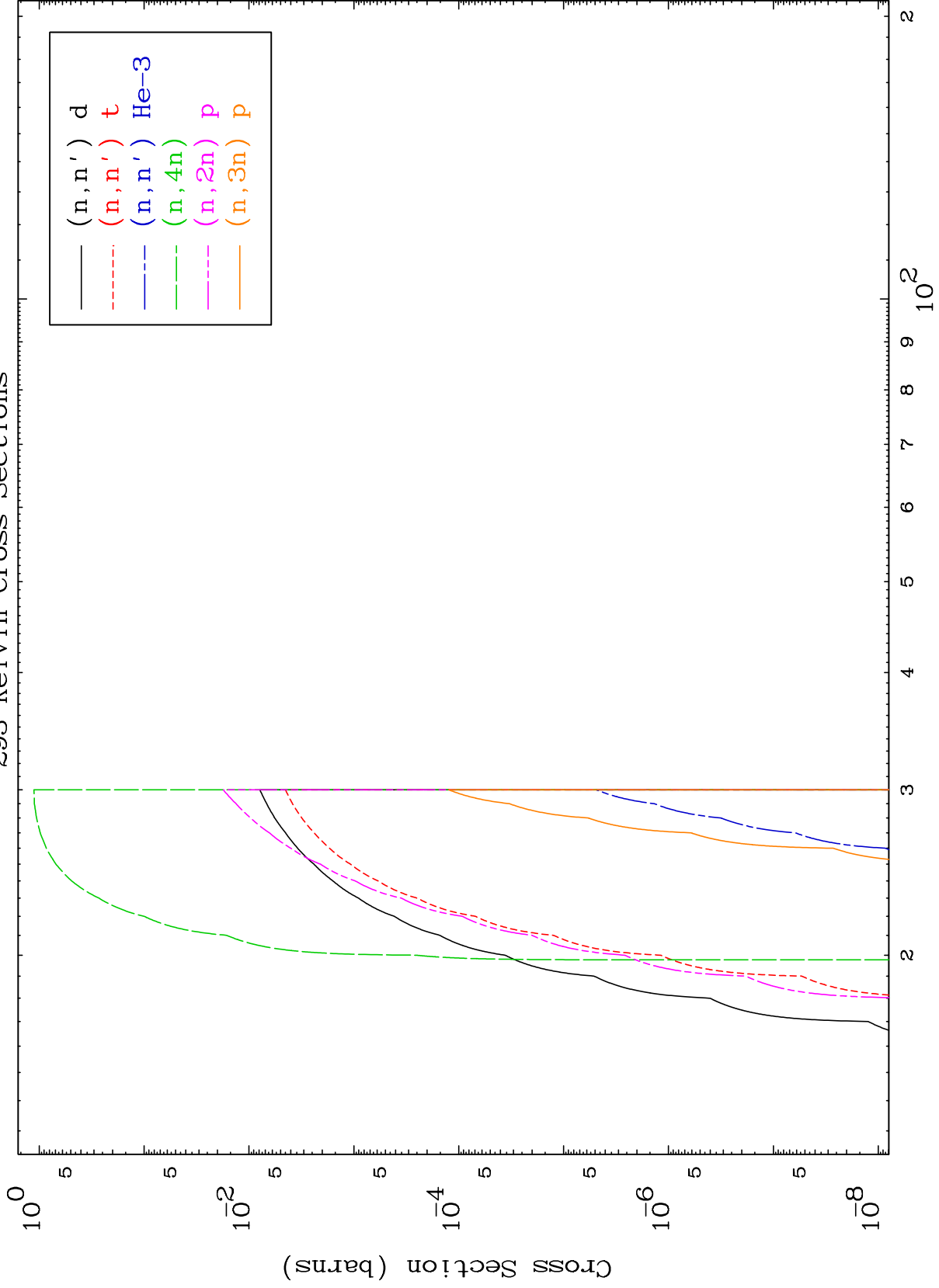
Incident Energy (MeV)

2

MAT 6258

Neutron Production  
293 Kelvin Cross Sections

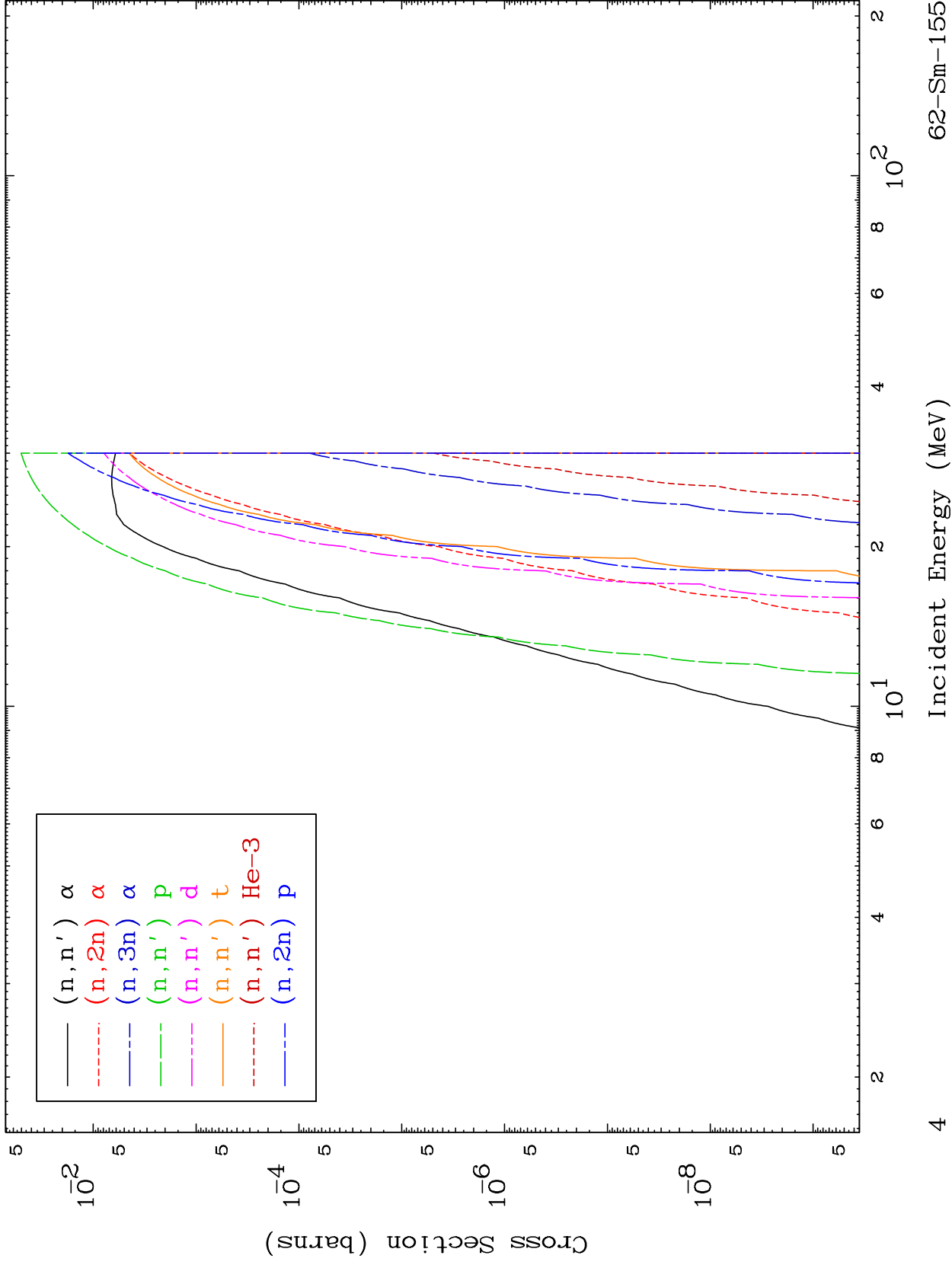
62-Sm-155



MAT 6258

Charged Particle  
293 Kelvin Cross Sections

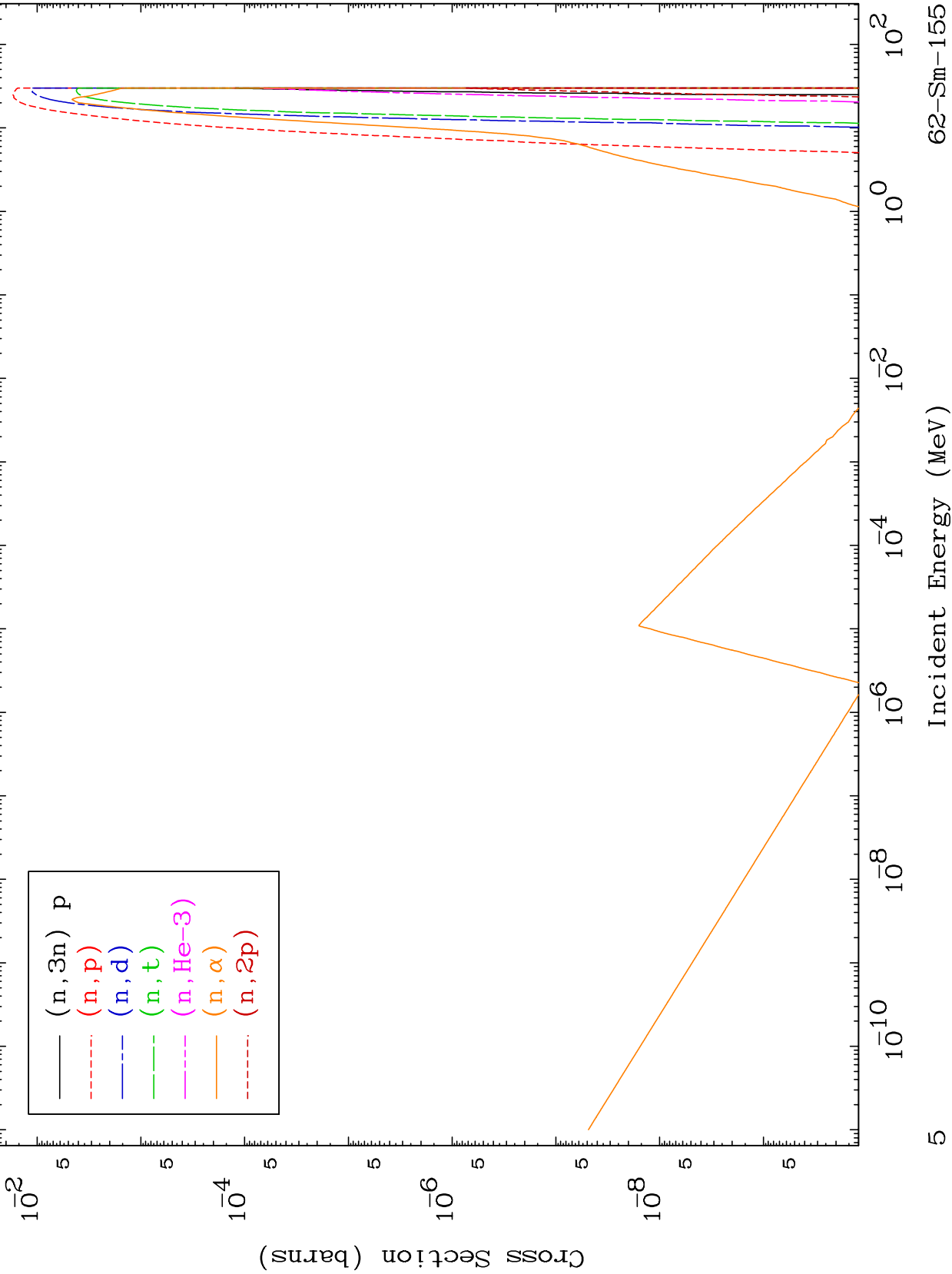
62-Sm-155



MAT 6258

Charged Particle  
293 Kelvin Cross Sections

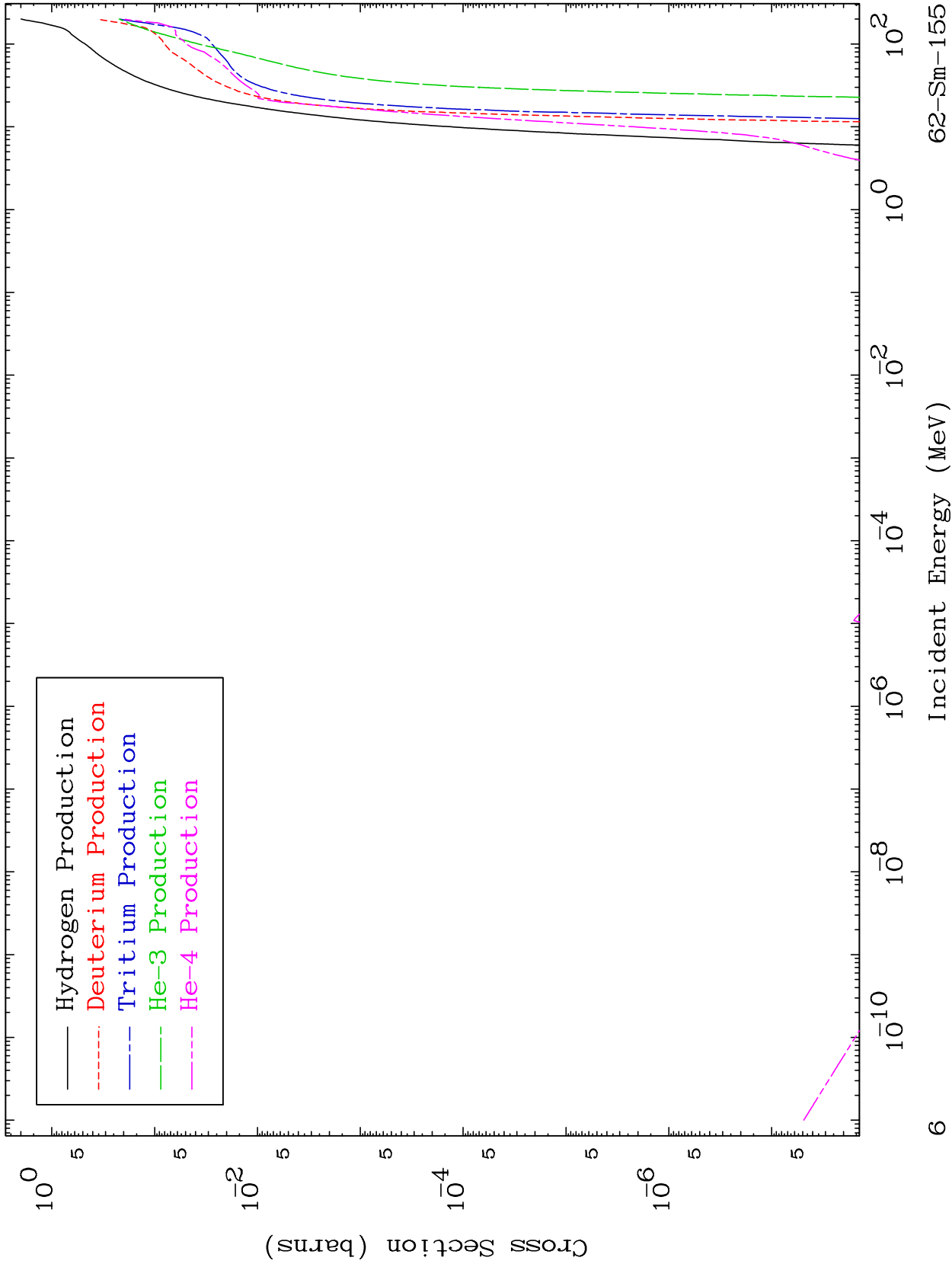
62-Sm-155



MAT 6258

Particle Production  
293 Kelvin Cross Sections

62-Sm-155

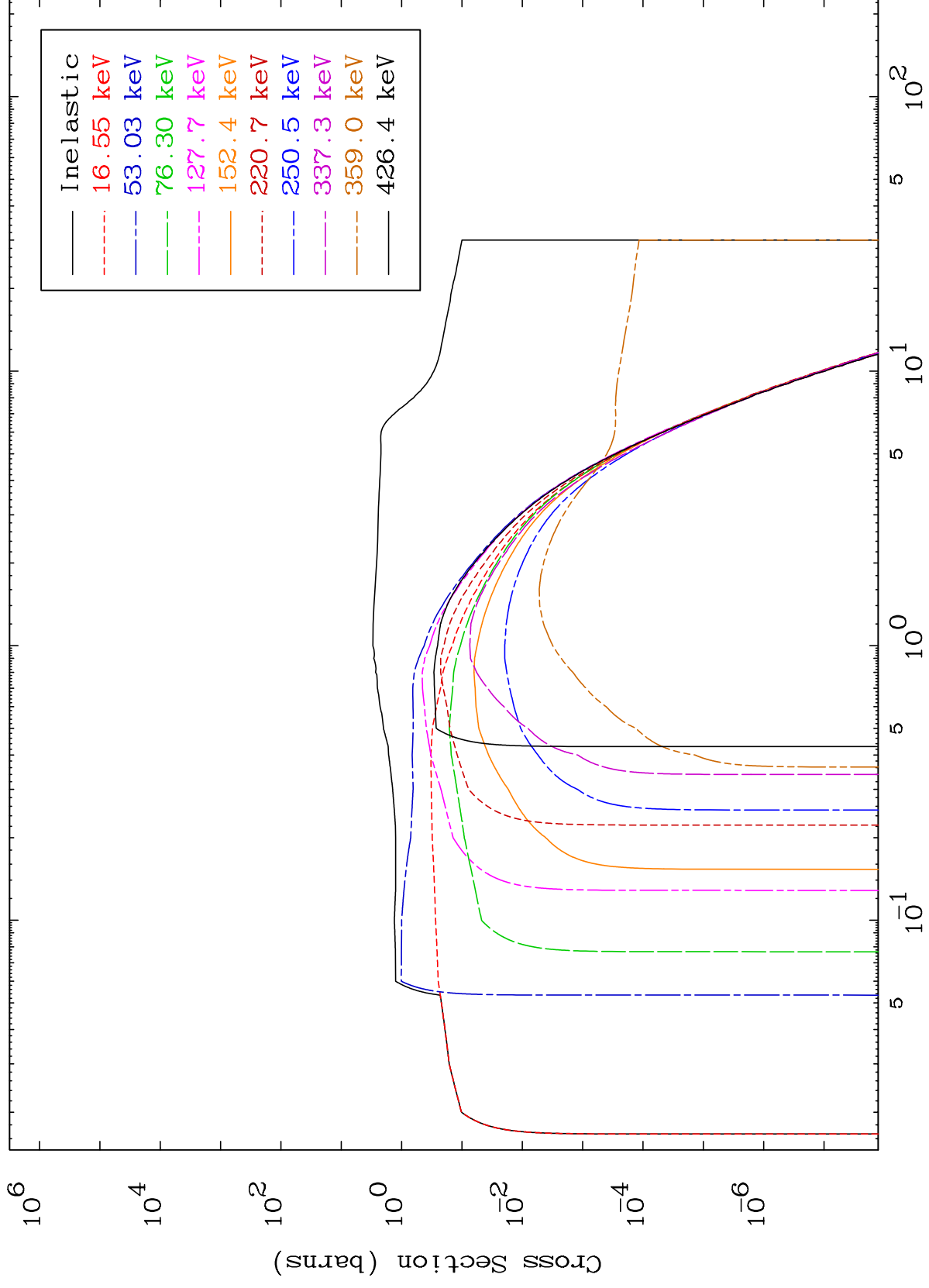


MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections

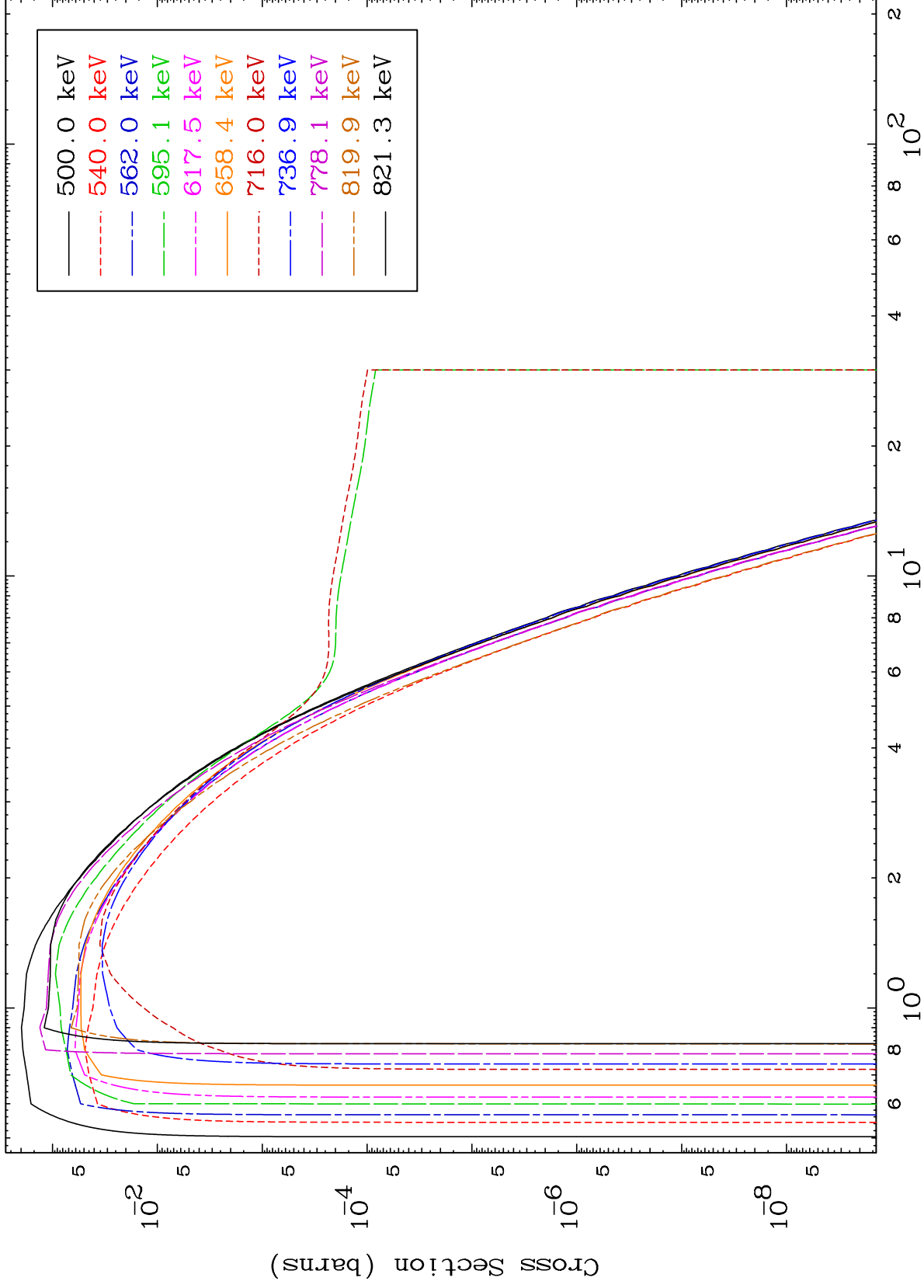




MAT 6258

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-155



8

Incident Energy (MeV)

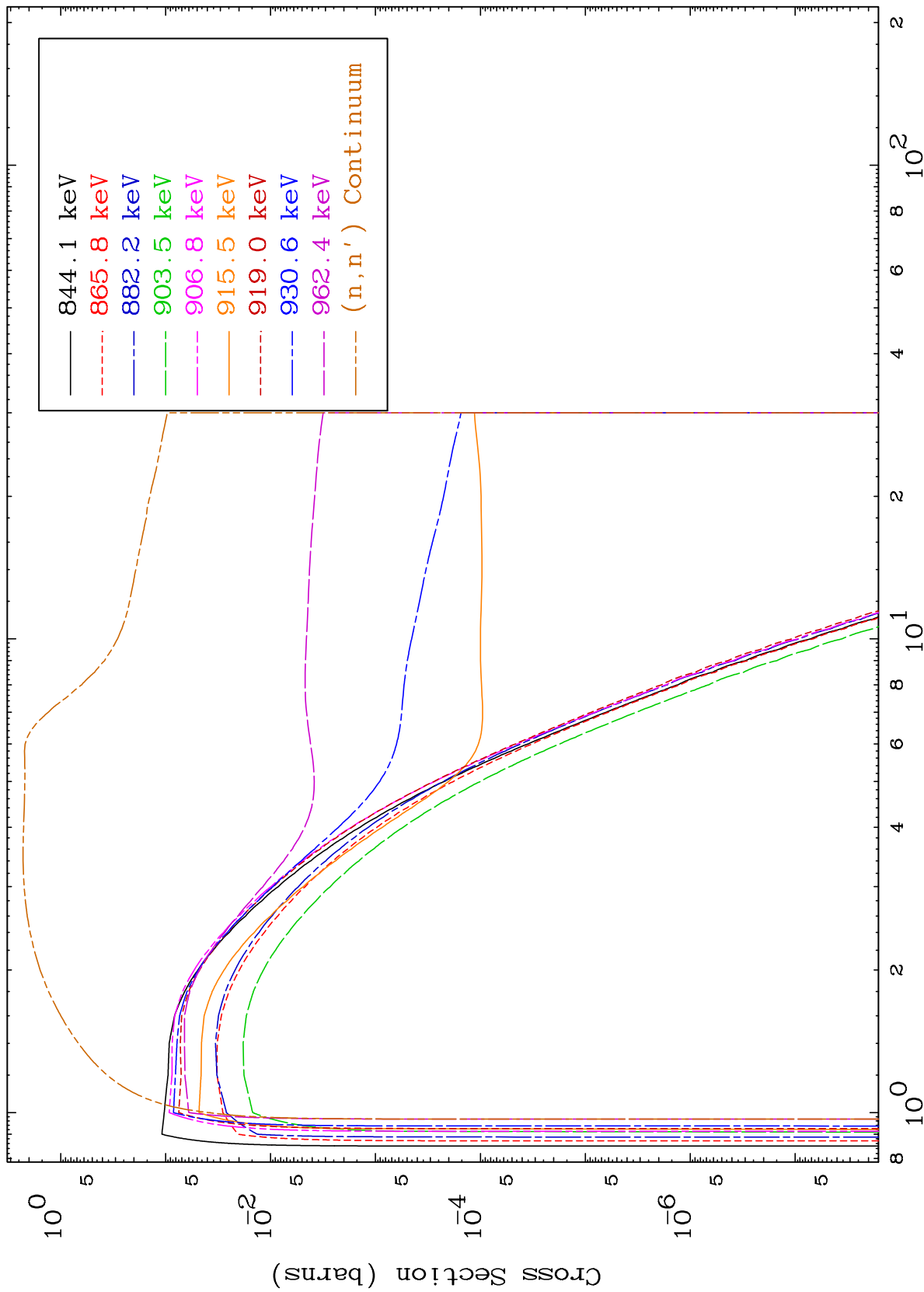
62-Sm-155

MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections



9

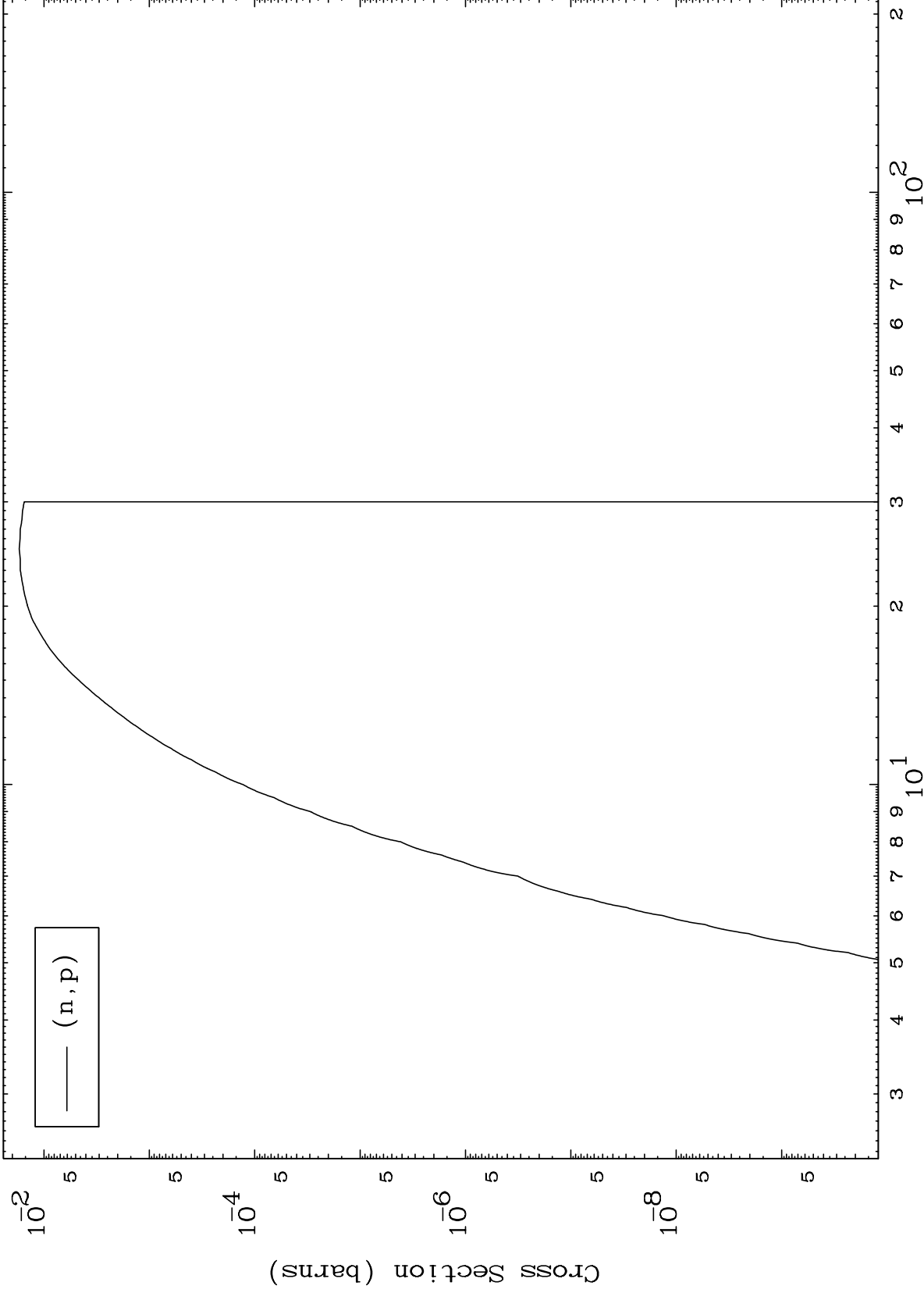
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-155



10

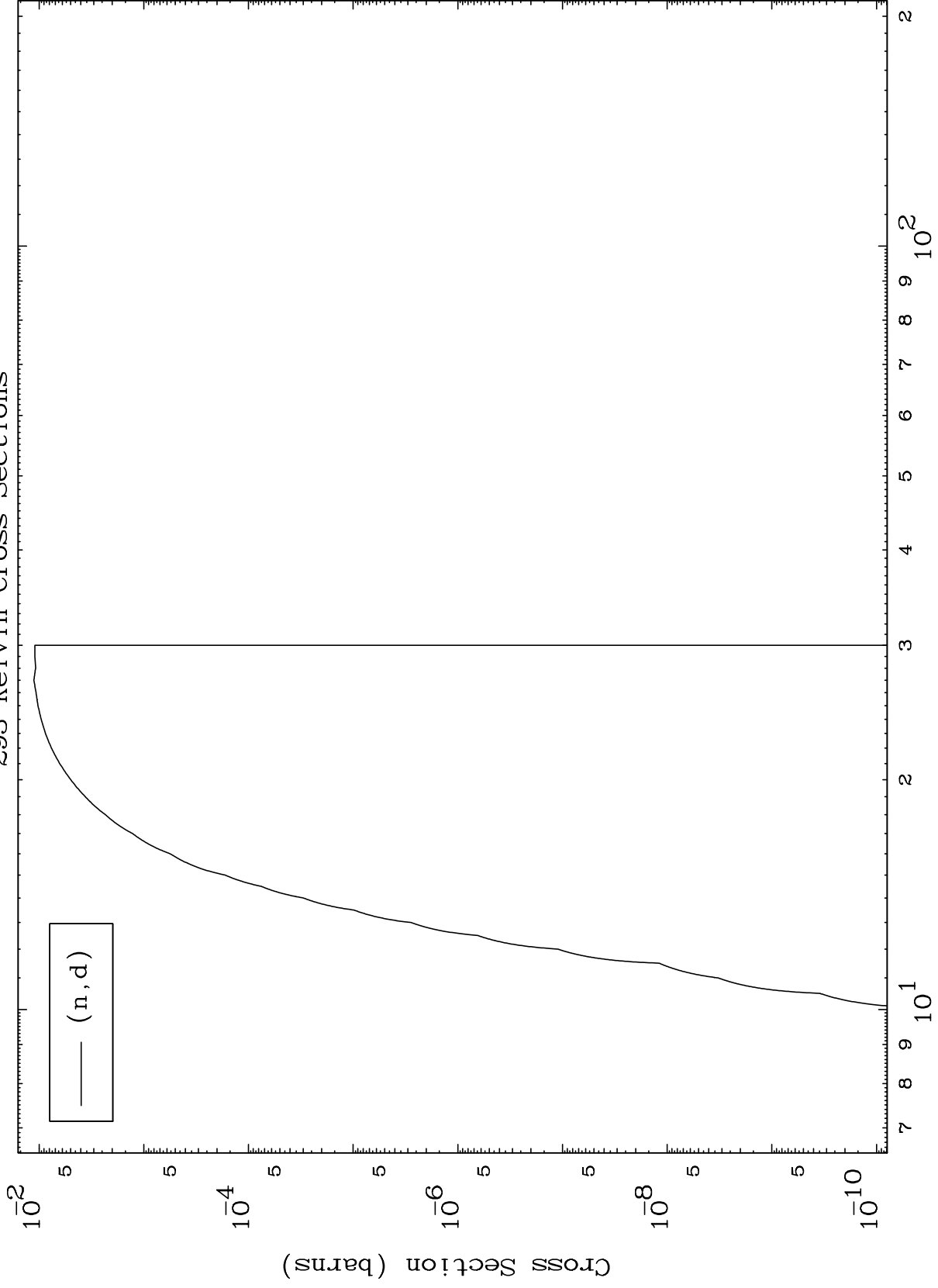
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,d) Levels  
293 Kelvin Cross Sections

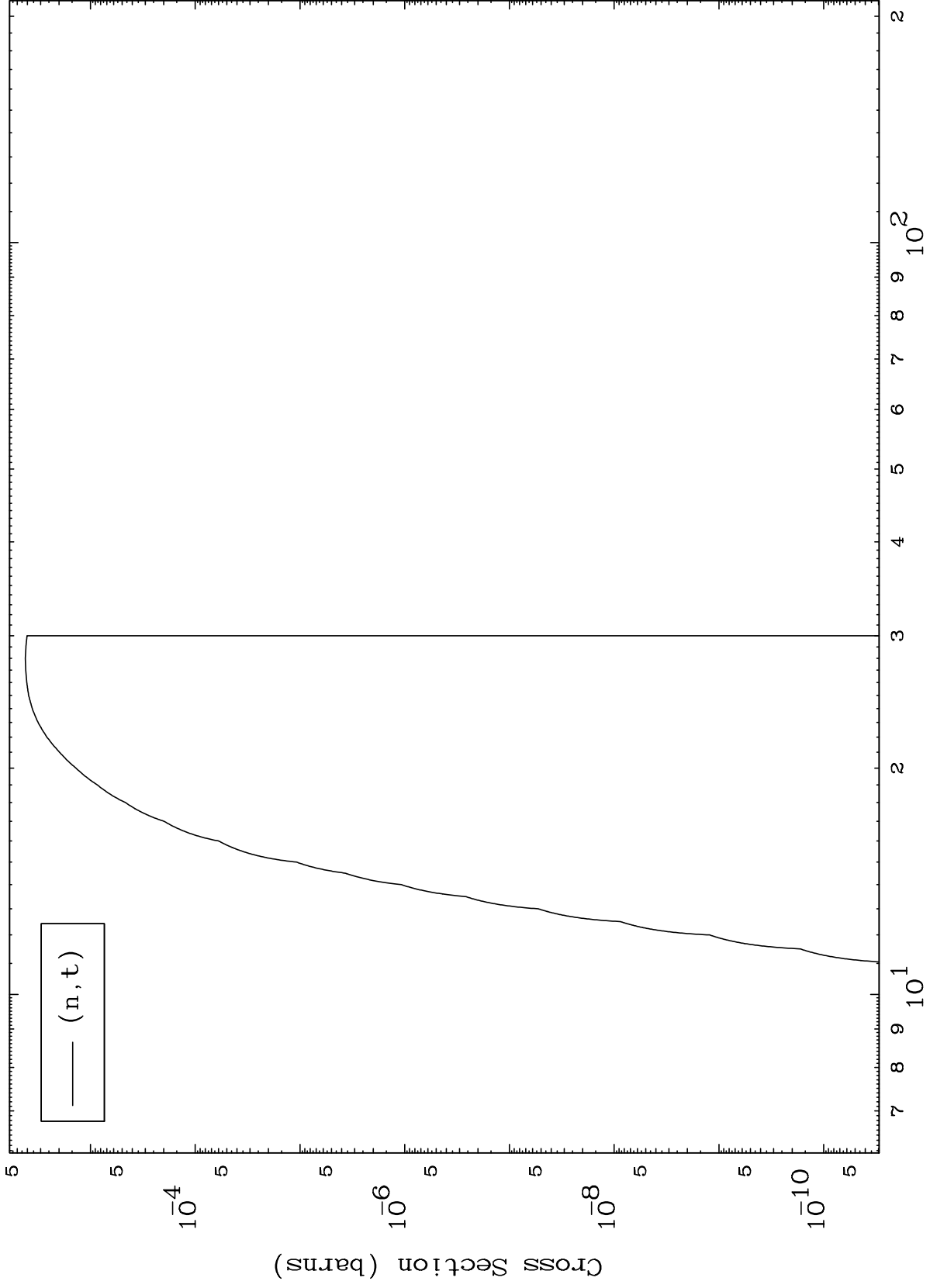
62-Sm-155



MAT 6258

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-155



12

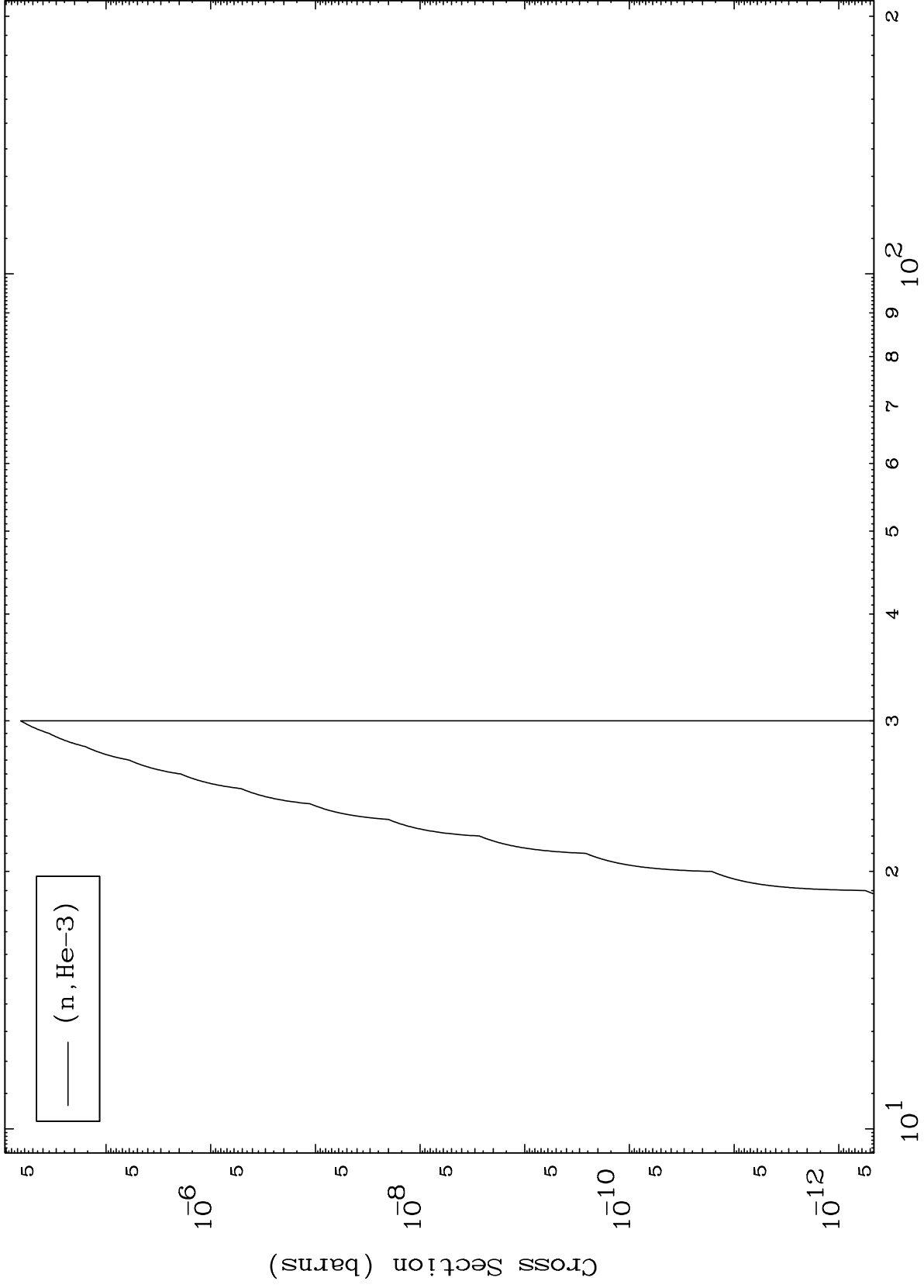
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-155



13

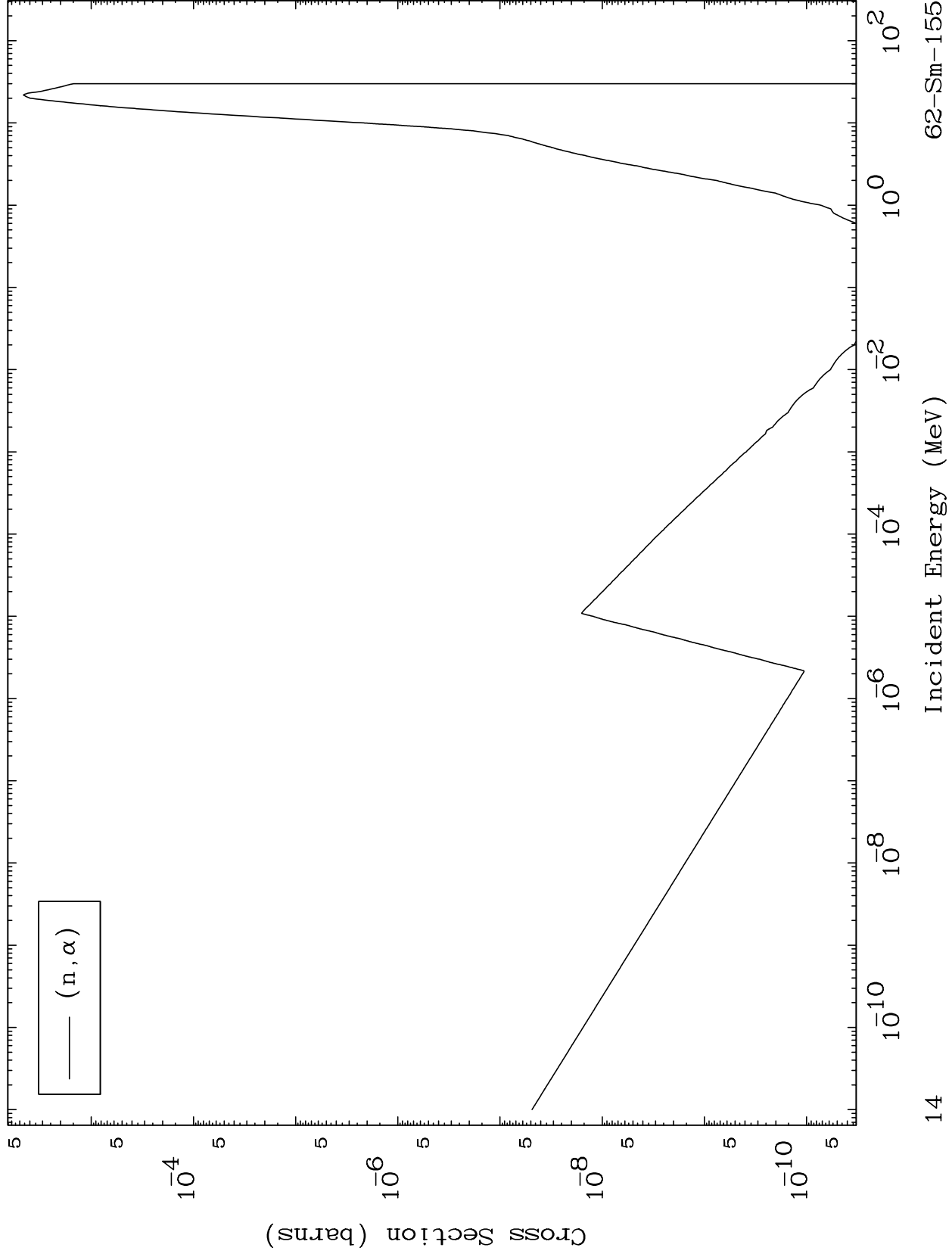
Incident Energy (MeV)

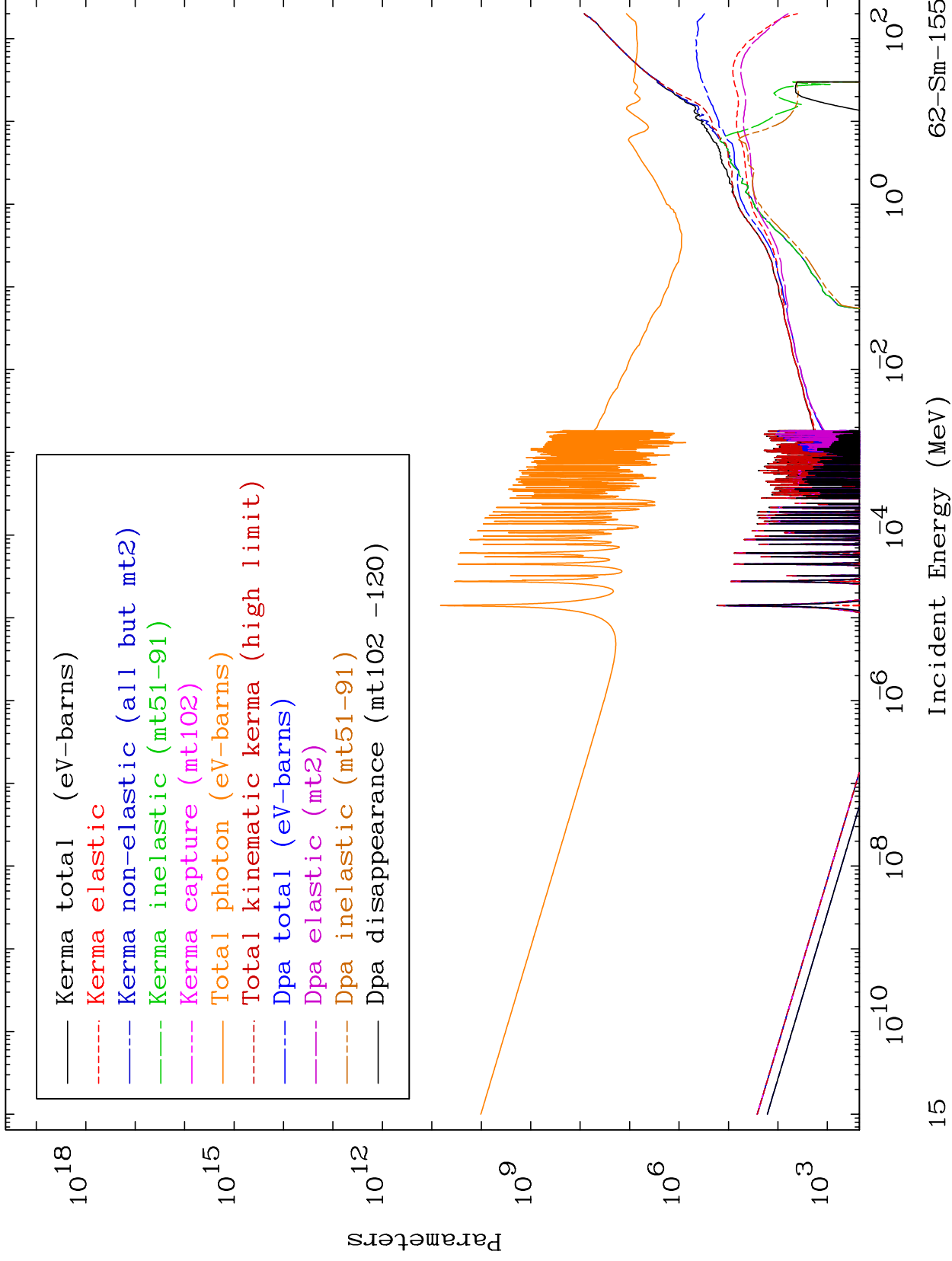
62-Sm-155

MAT 6258

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

62-Sm-155



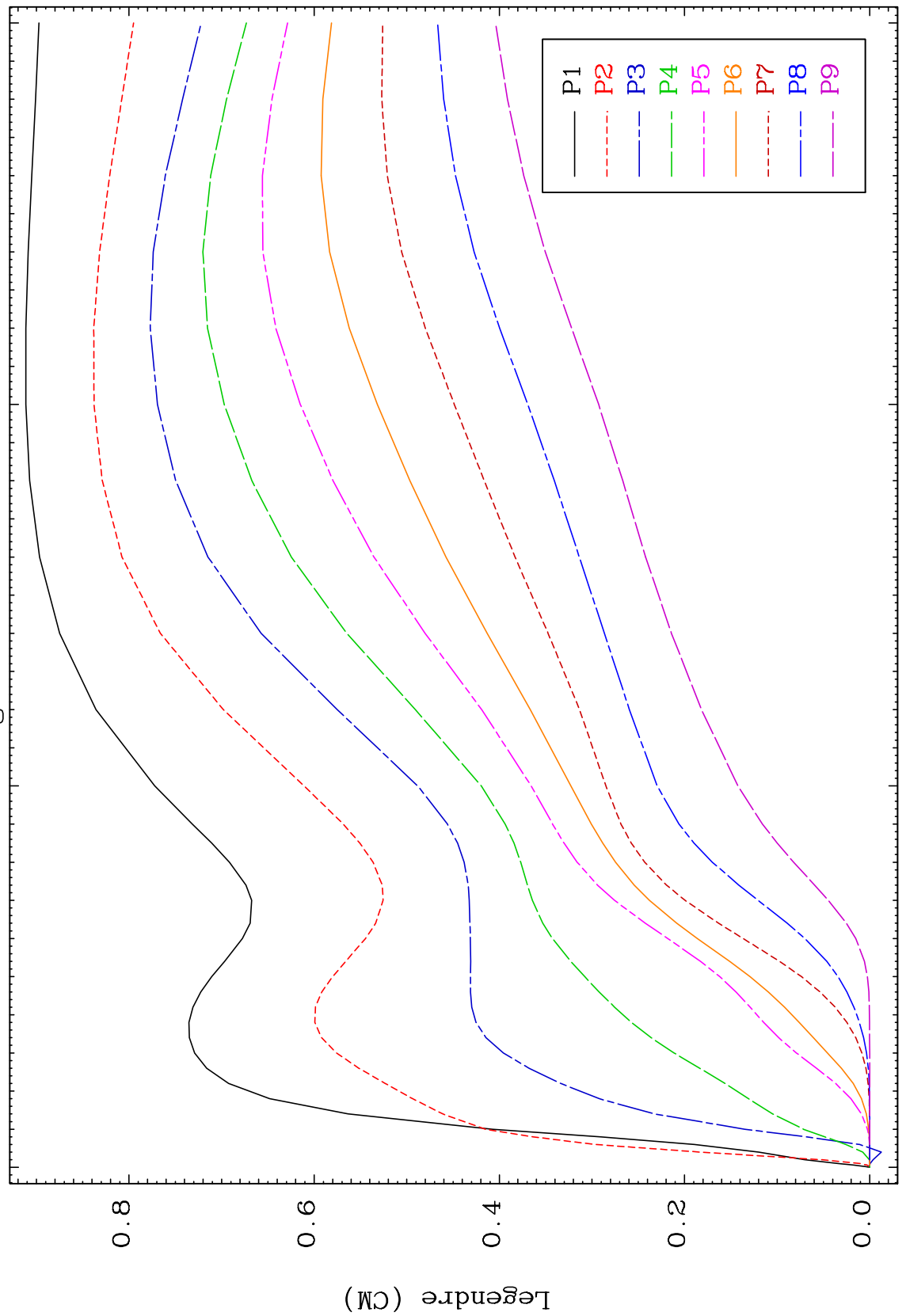




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Elastic Legendre Coefficients

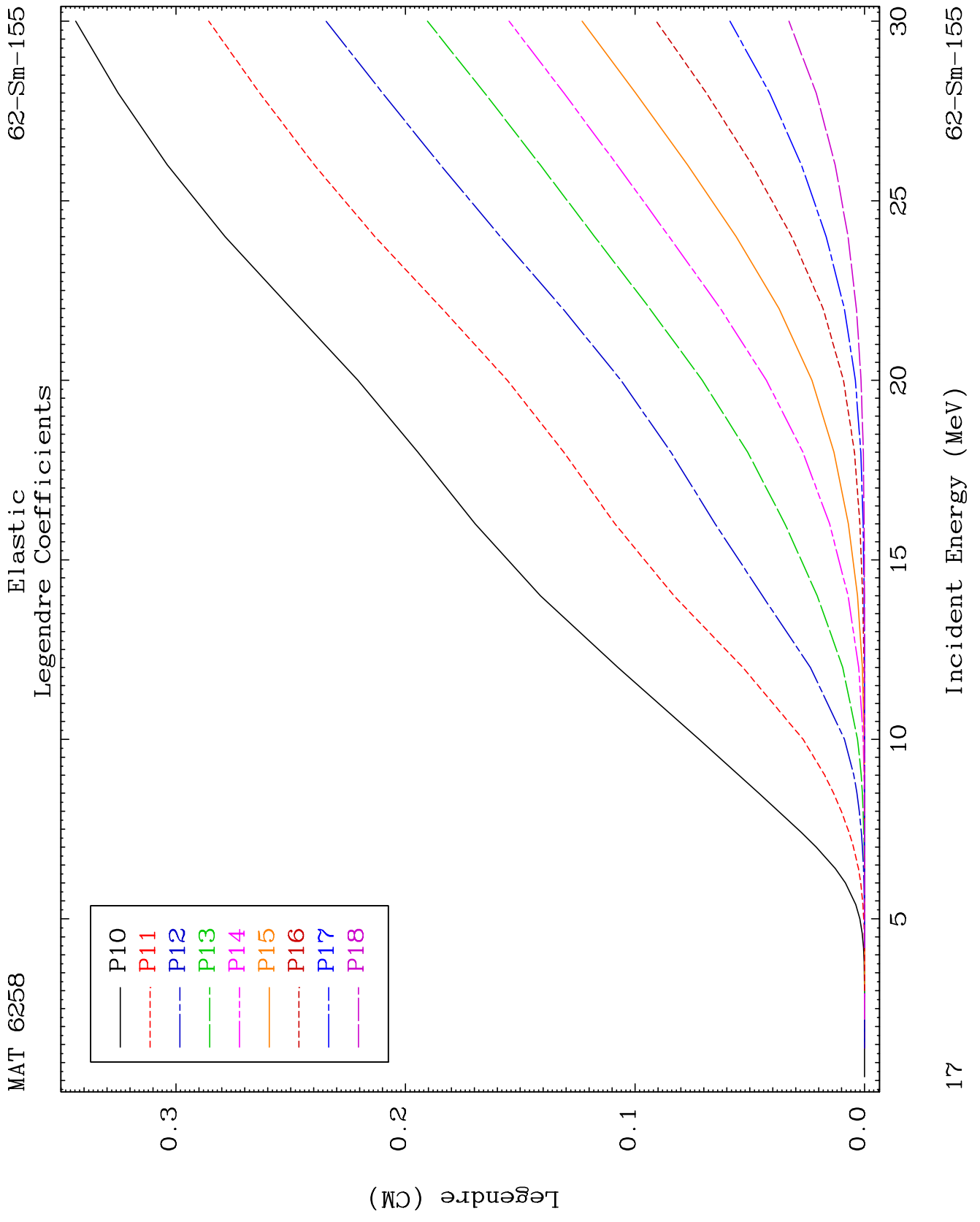
62-Sm-155



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Incident Energy (MeV)

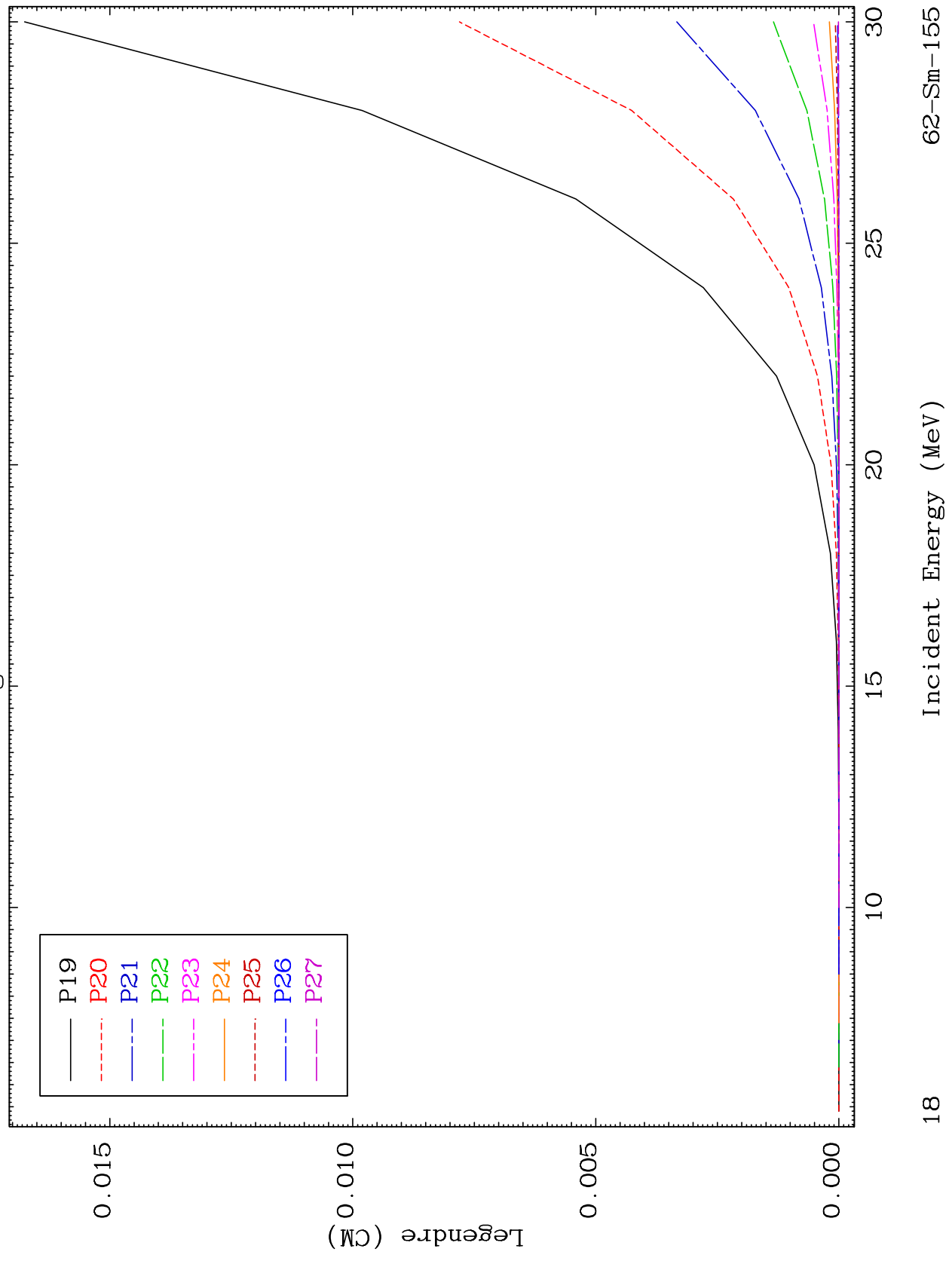
62-Sm-155



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### Elastic Legendre Coefficients

62-Sm-155



18

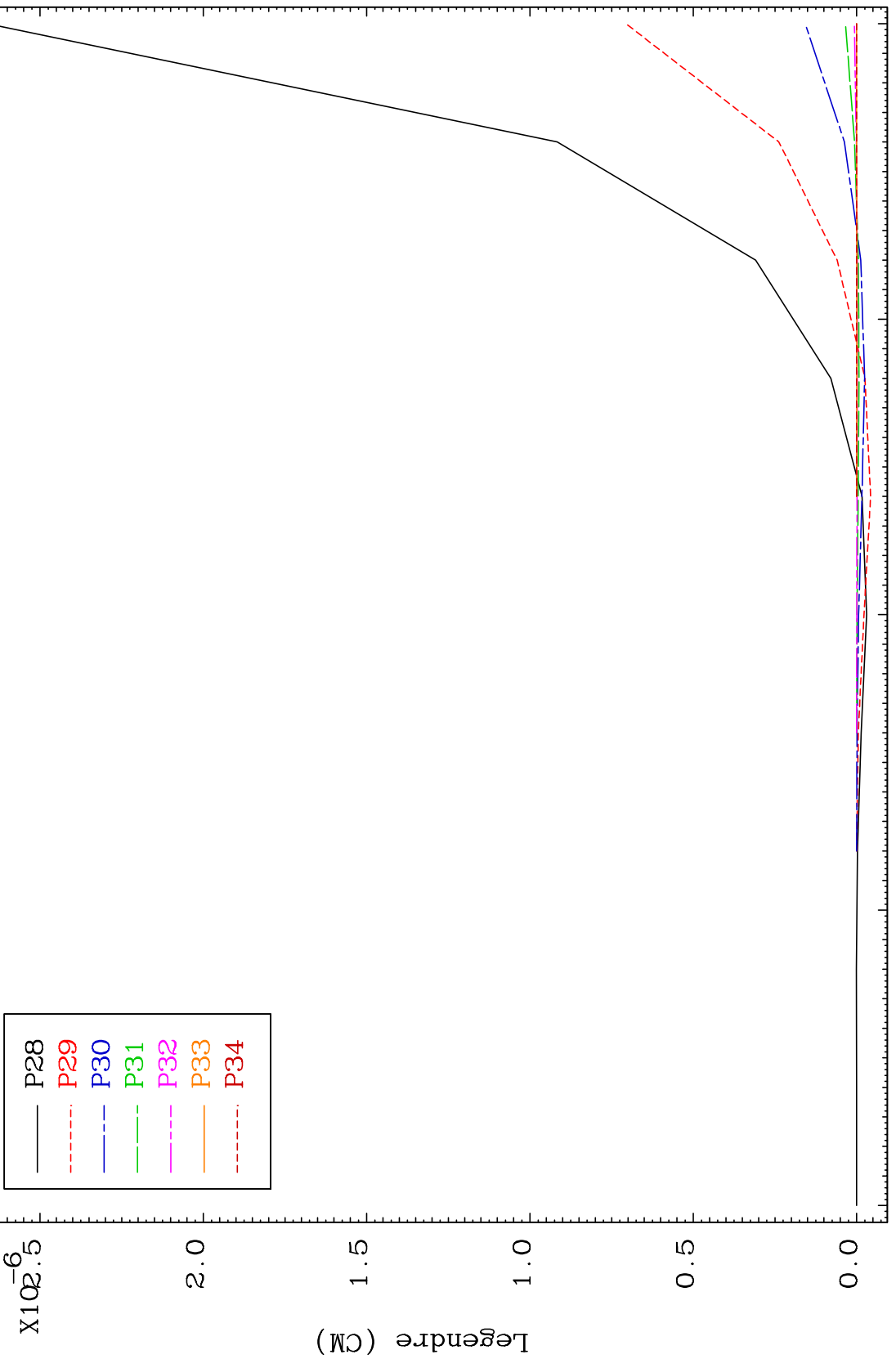
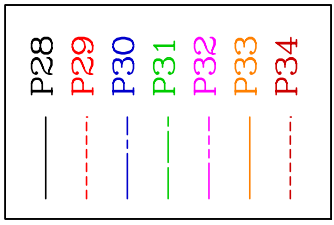
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

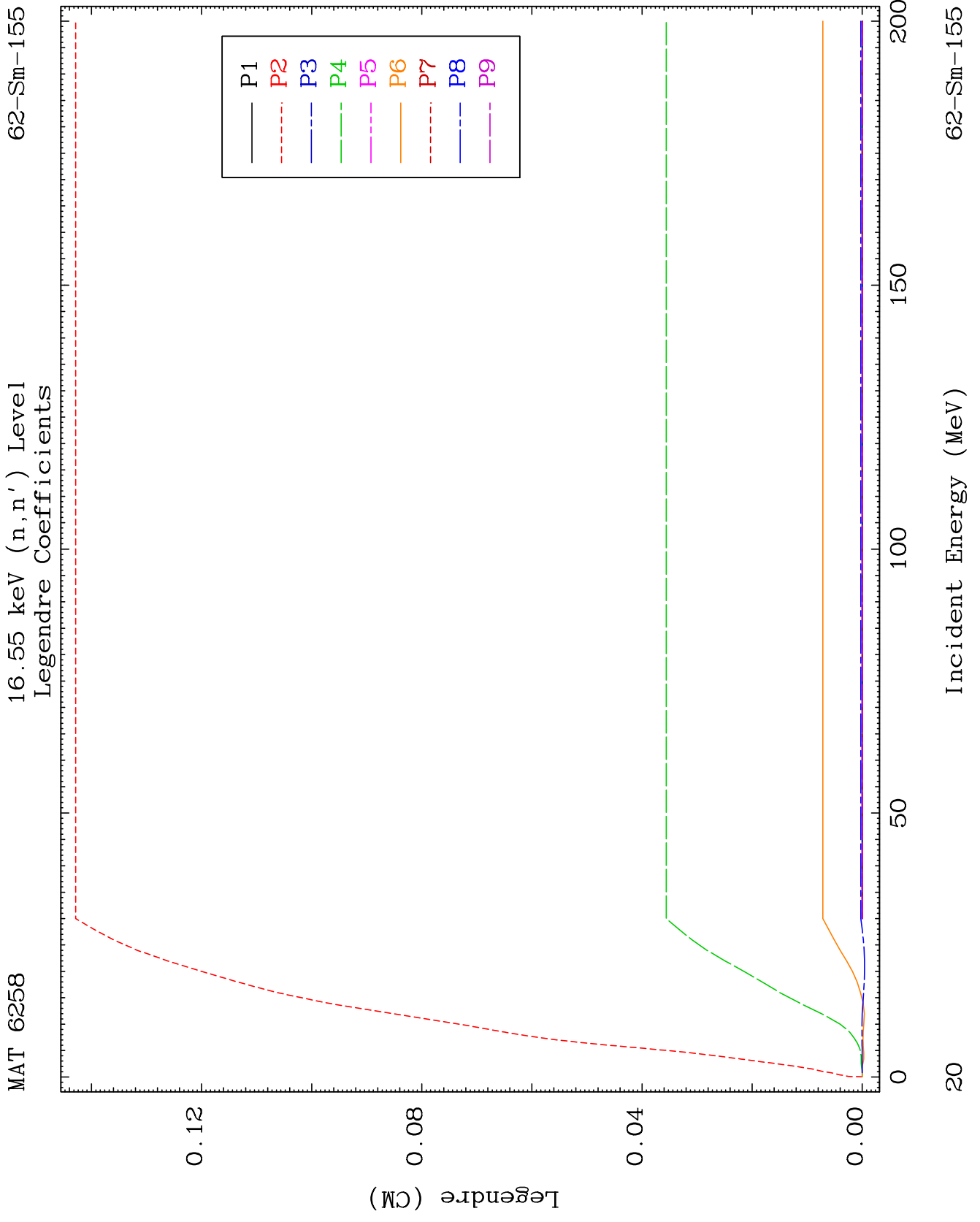
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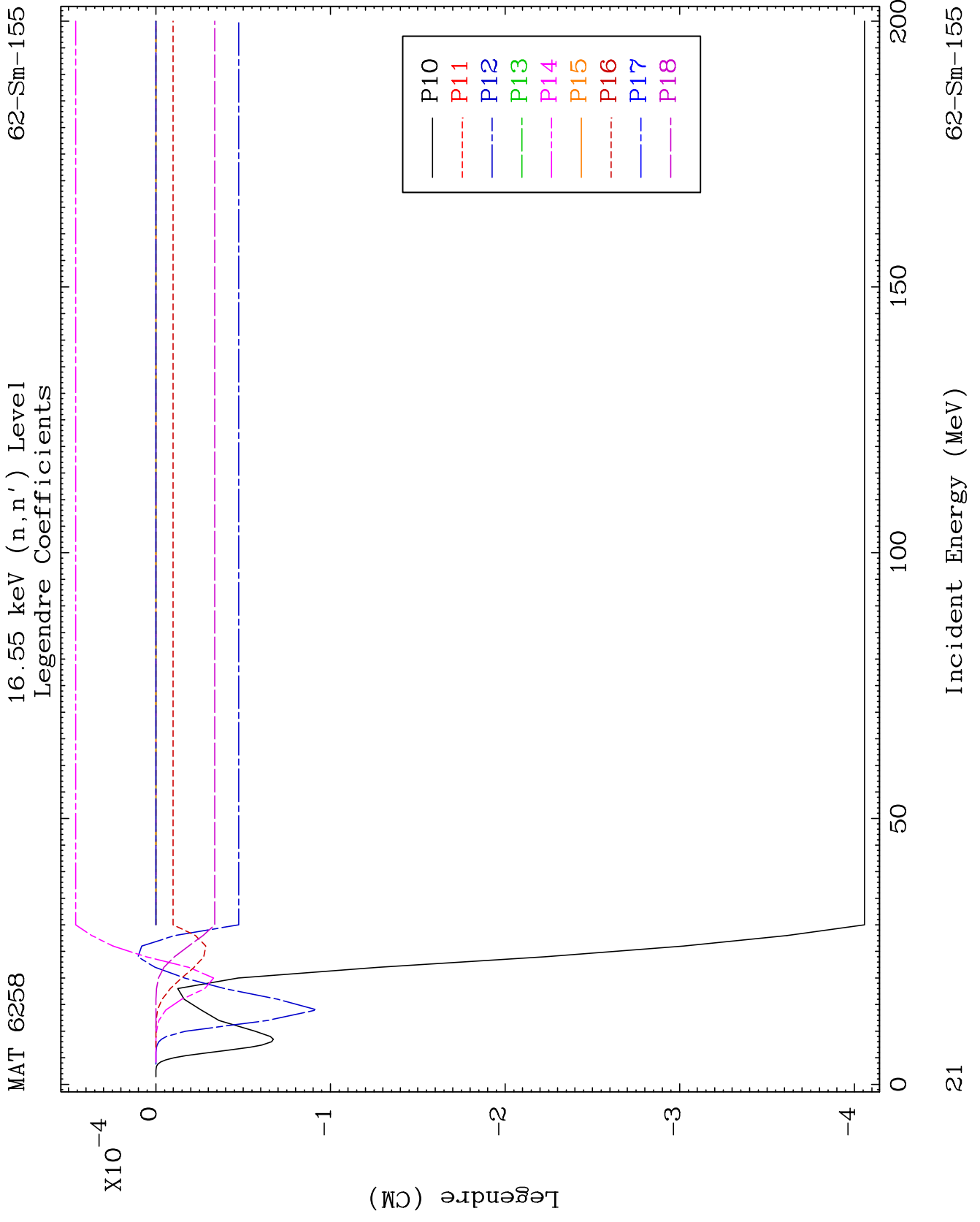


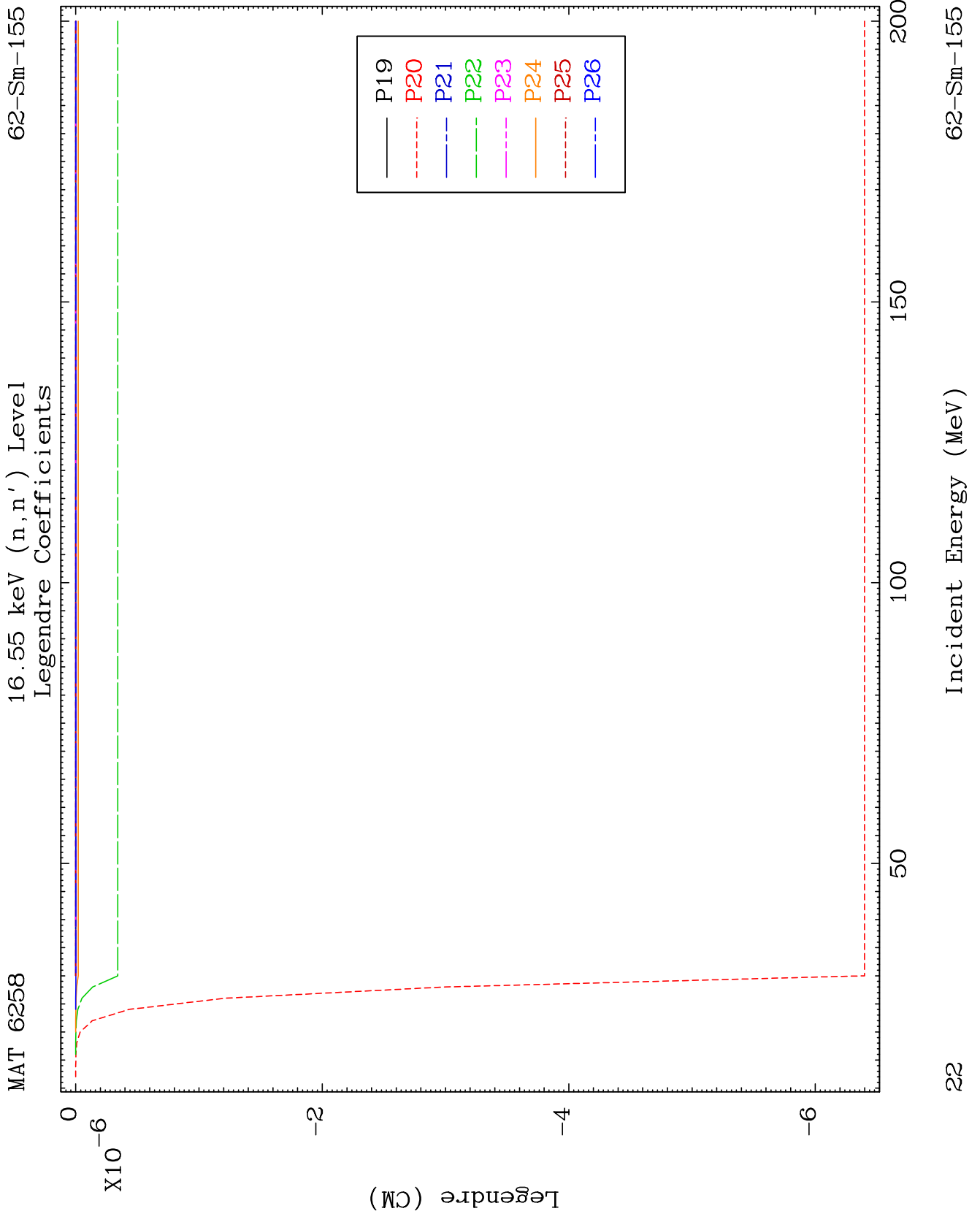
19

Incident Energy (MeV)

62-Sm-155







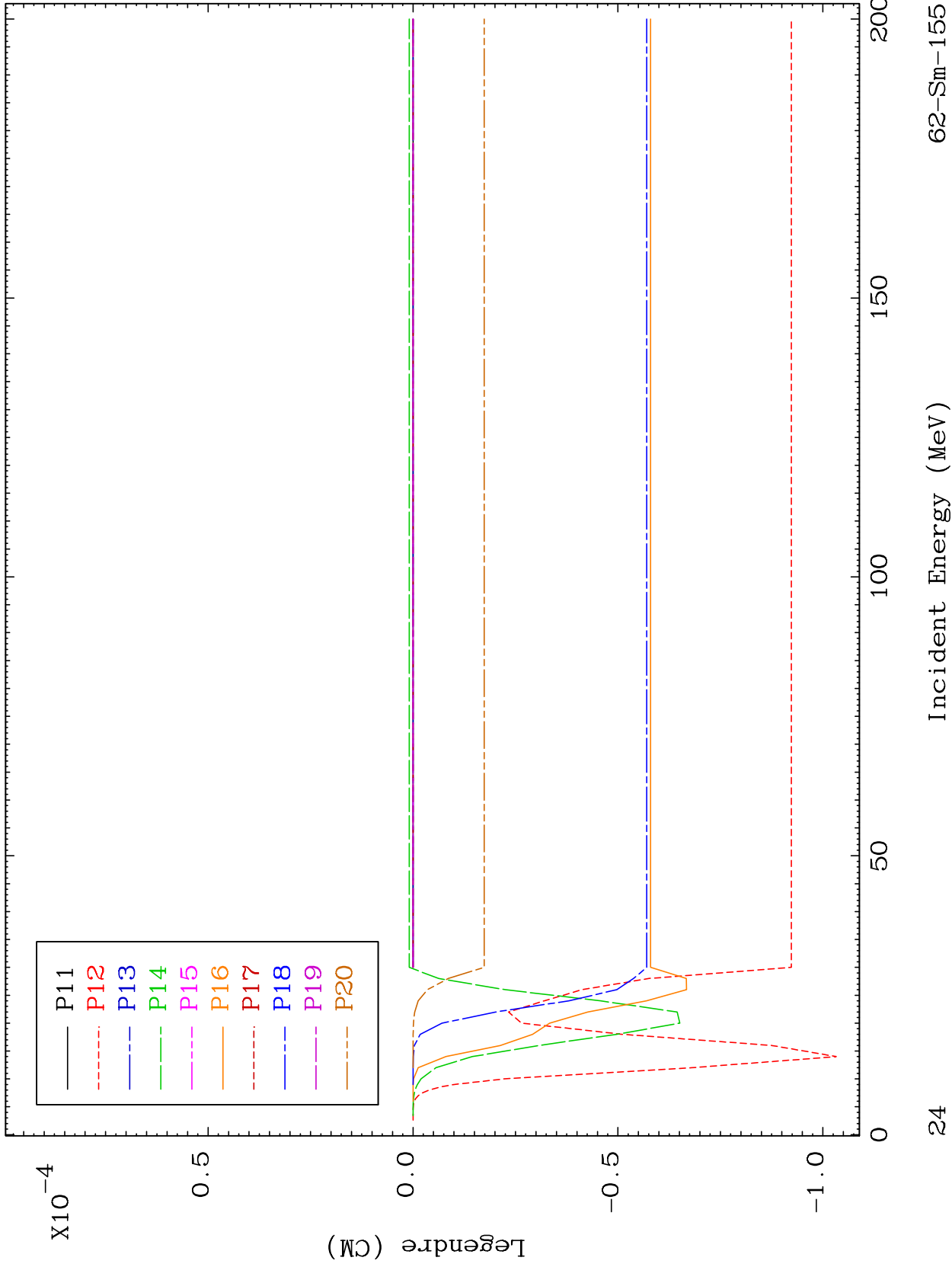




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53.03 keV (n,n') Level  
Legendre Coefficients

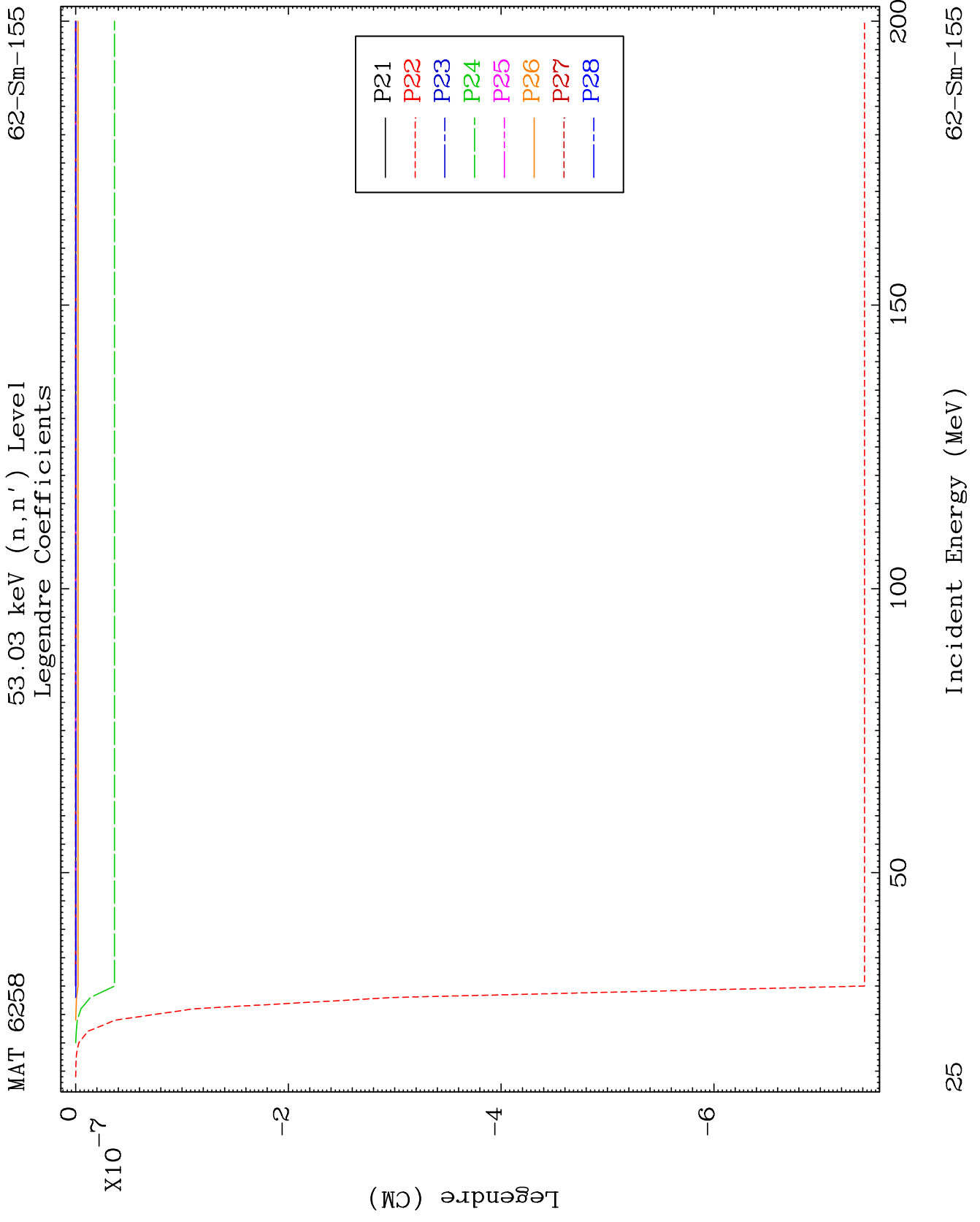
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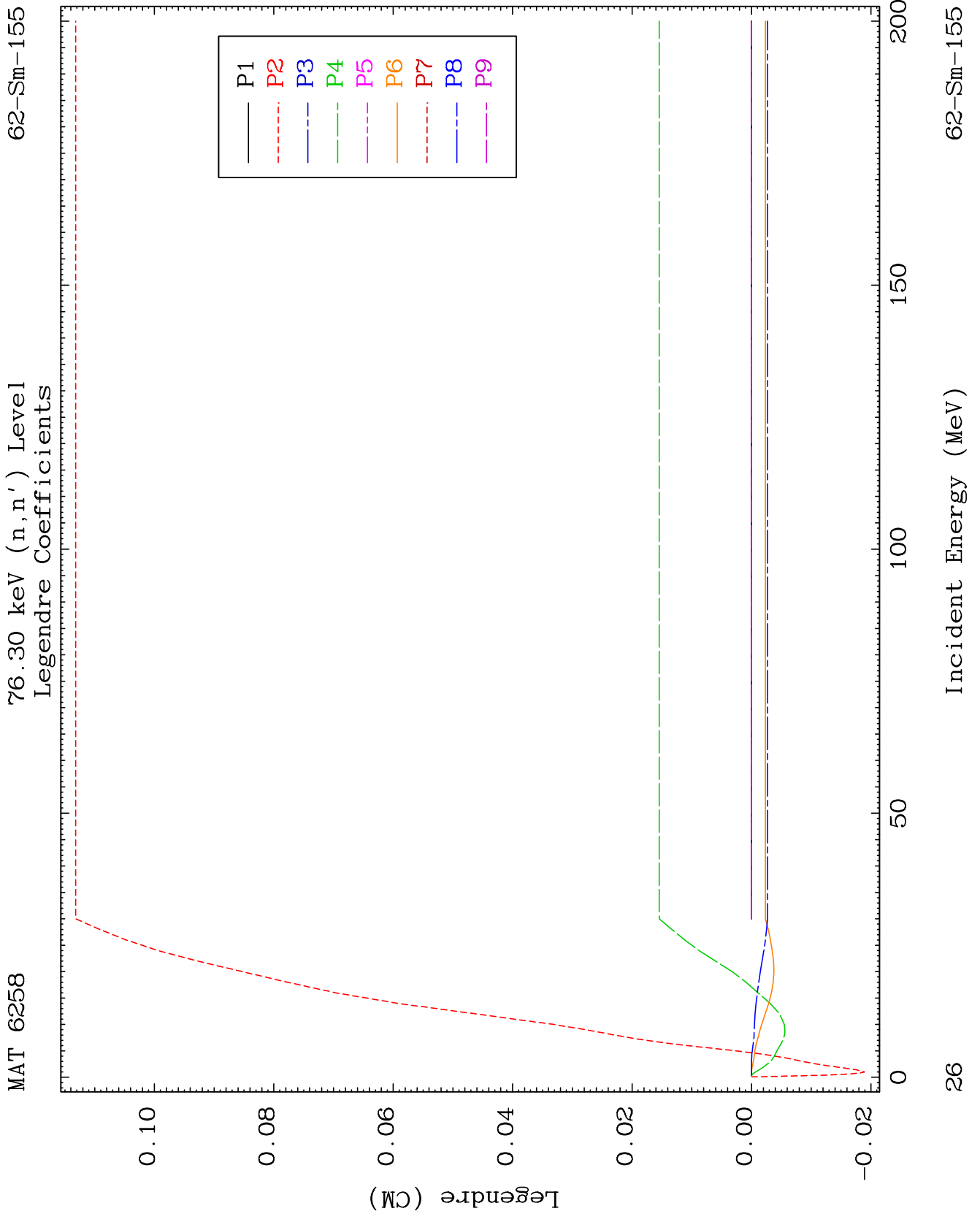


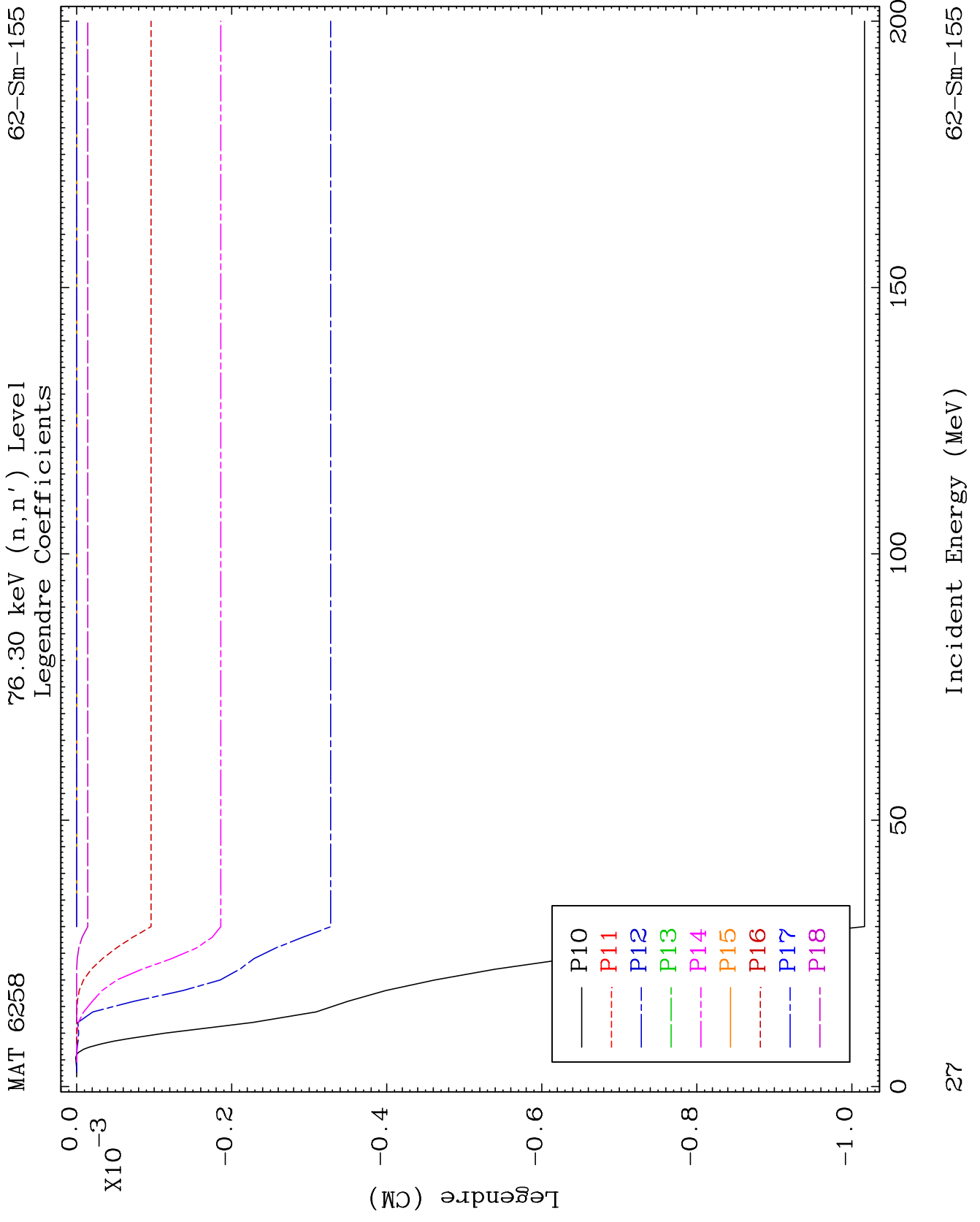
24

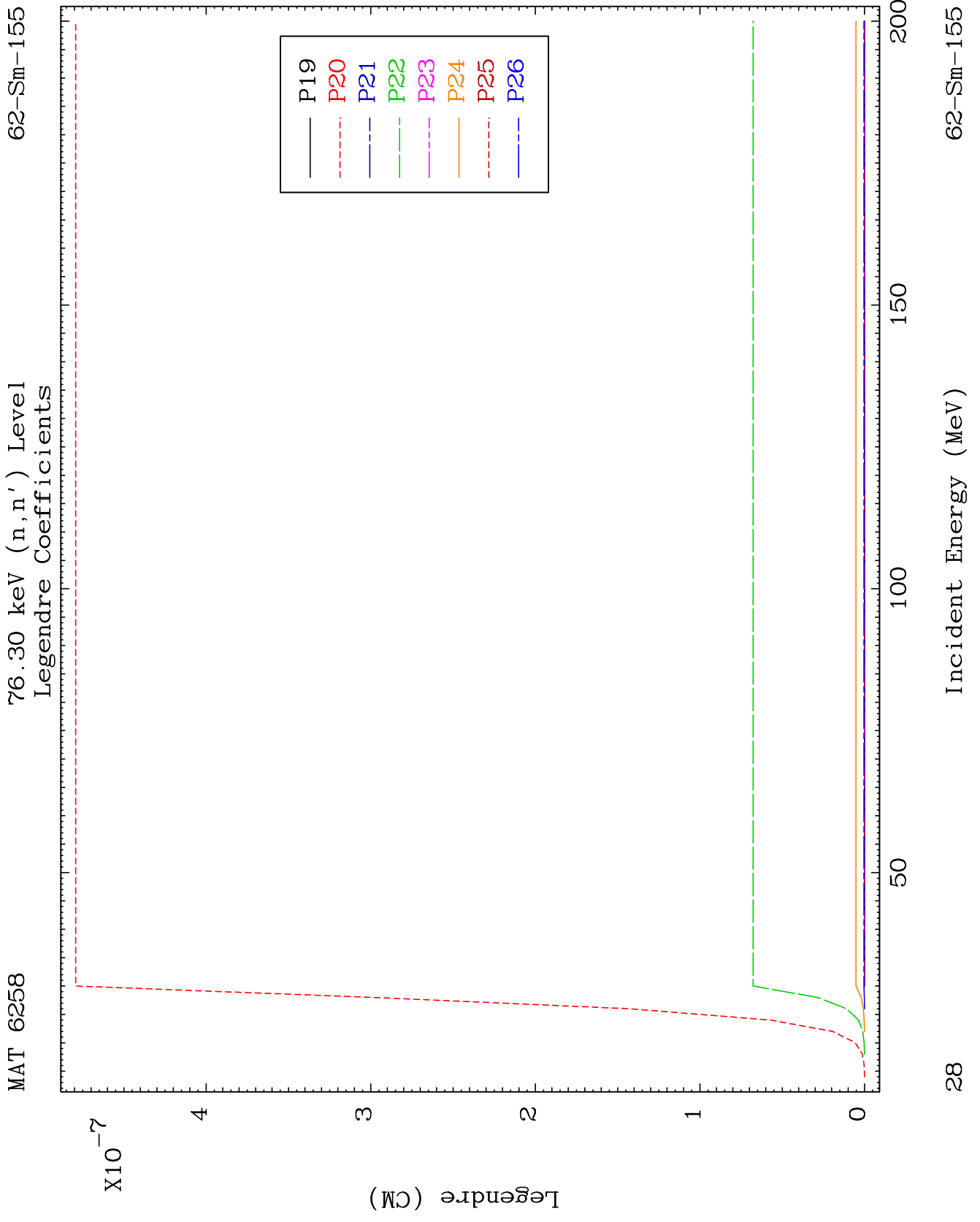
Incident Energy (MeV)

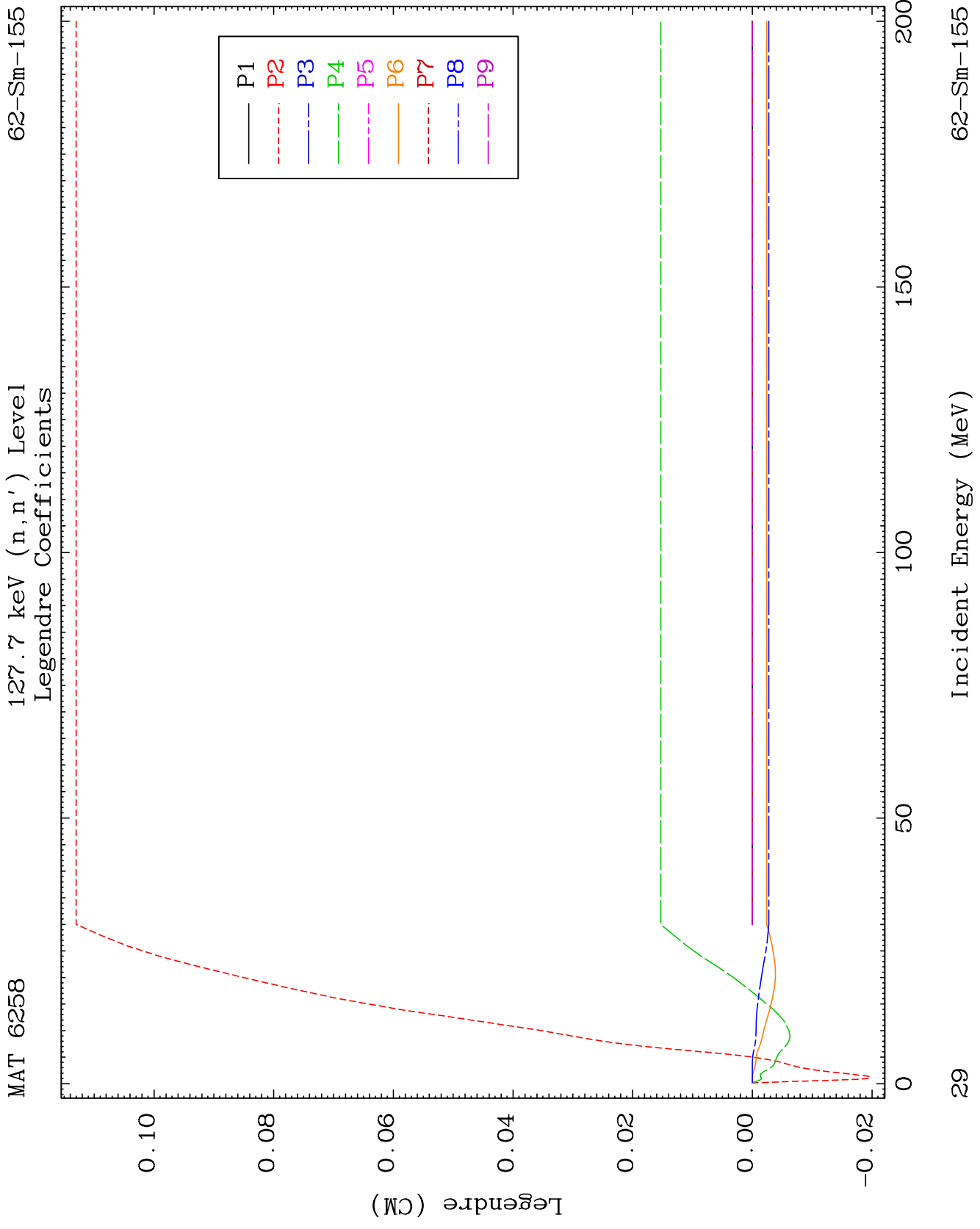
62-Sm-155

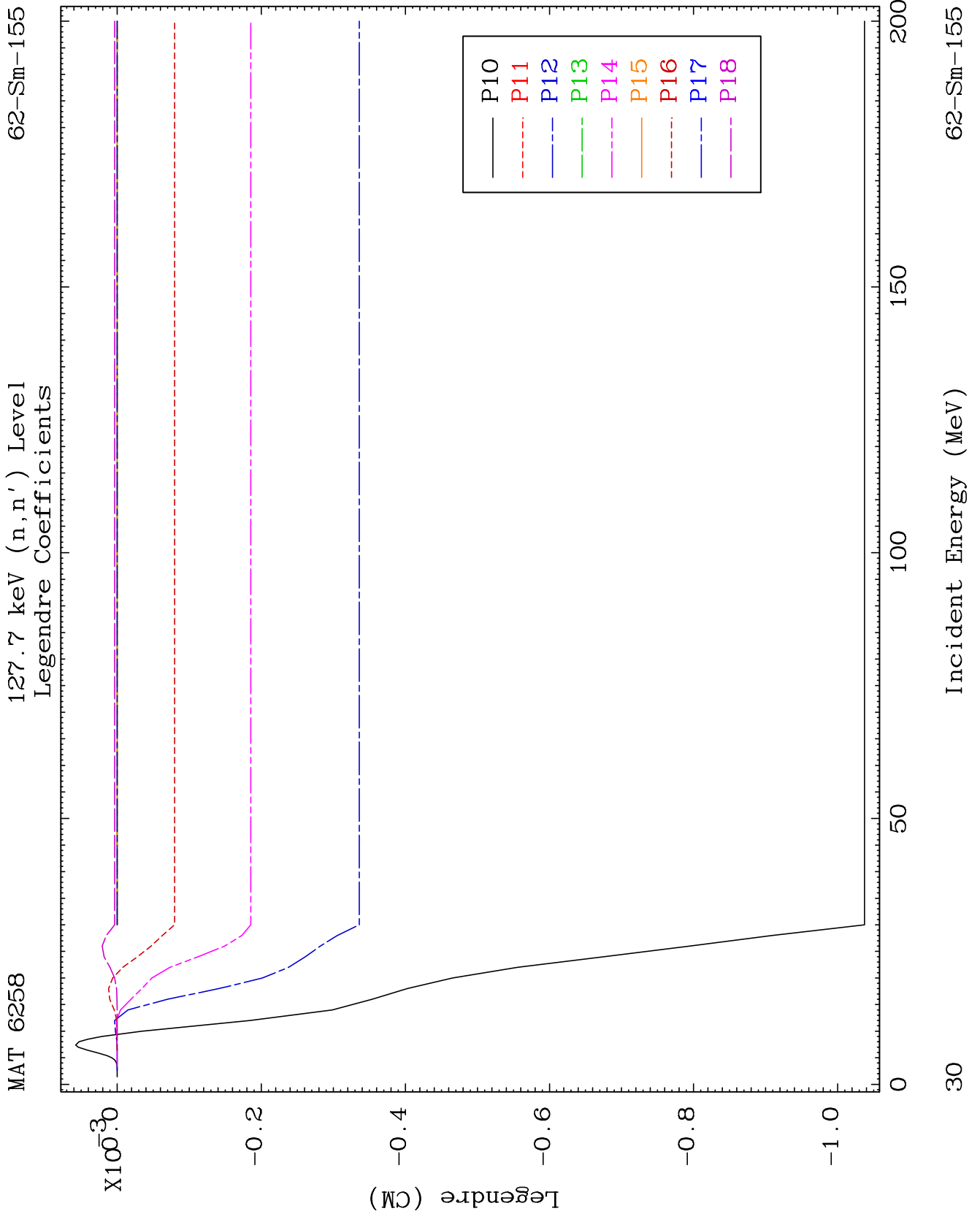














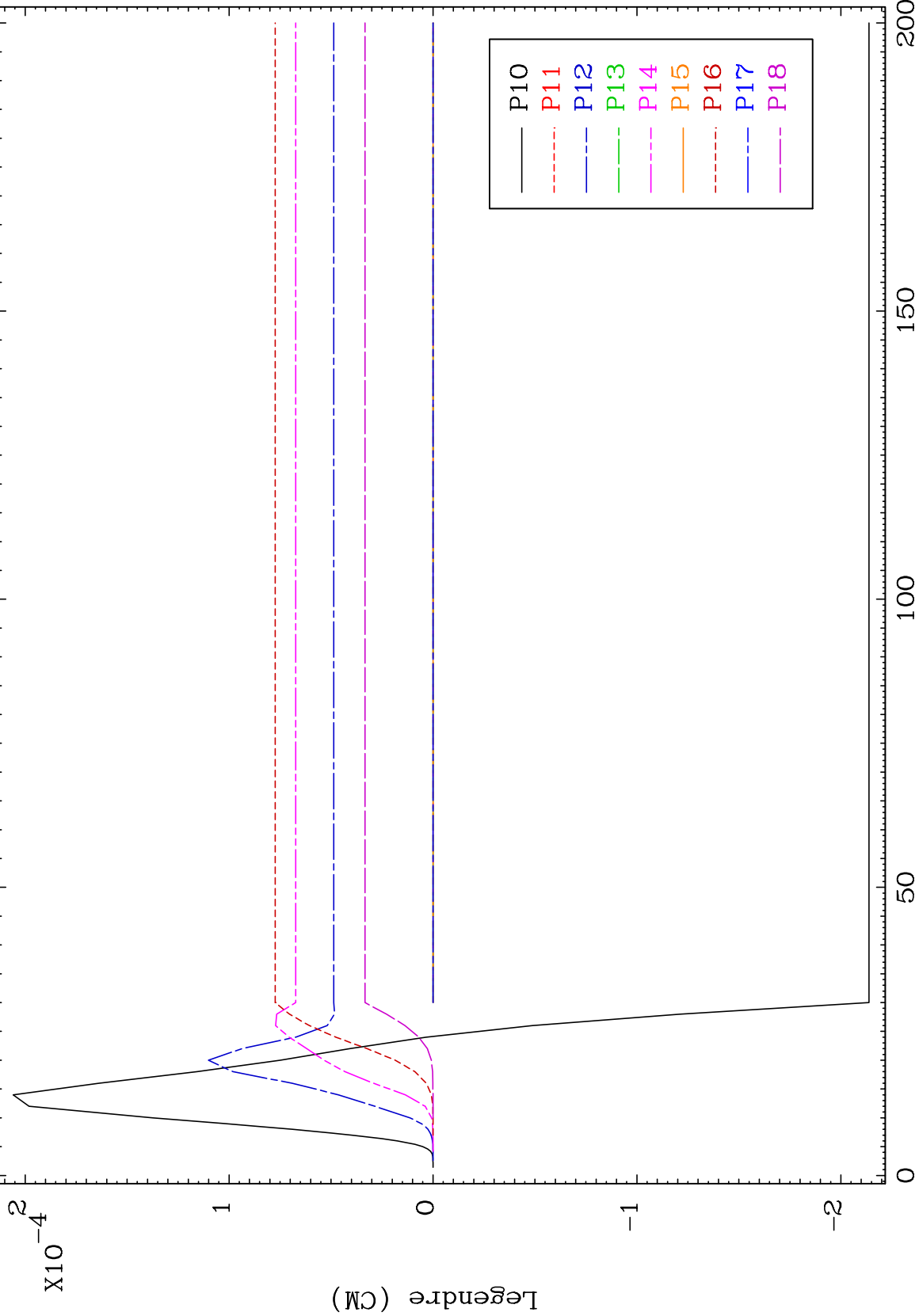




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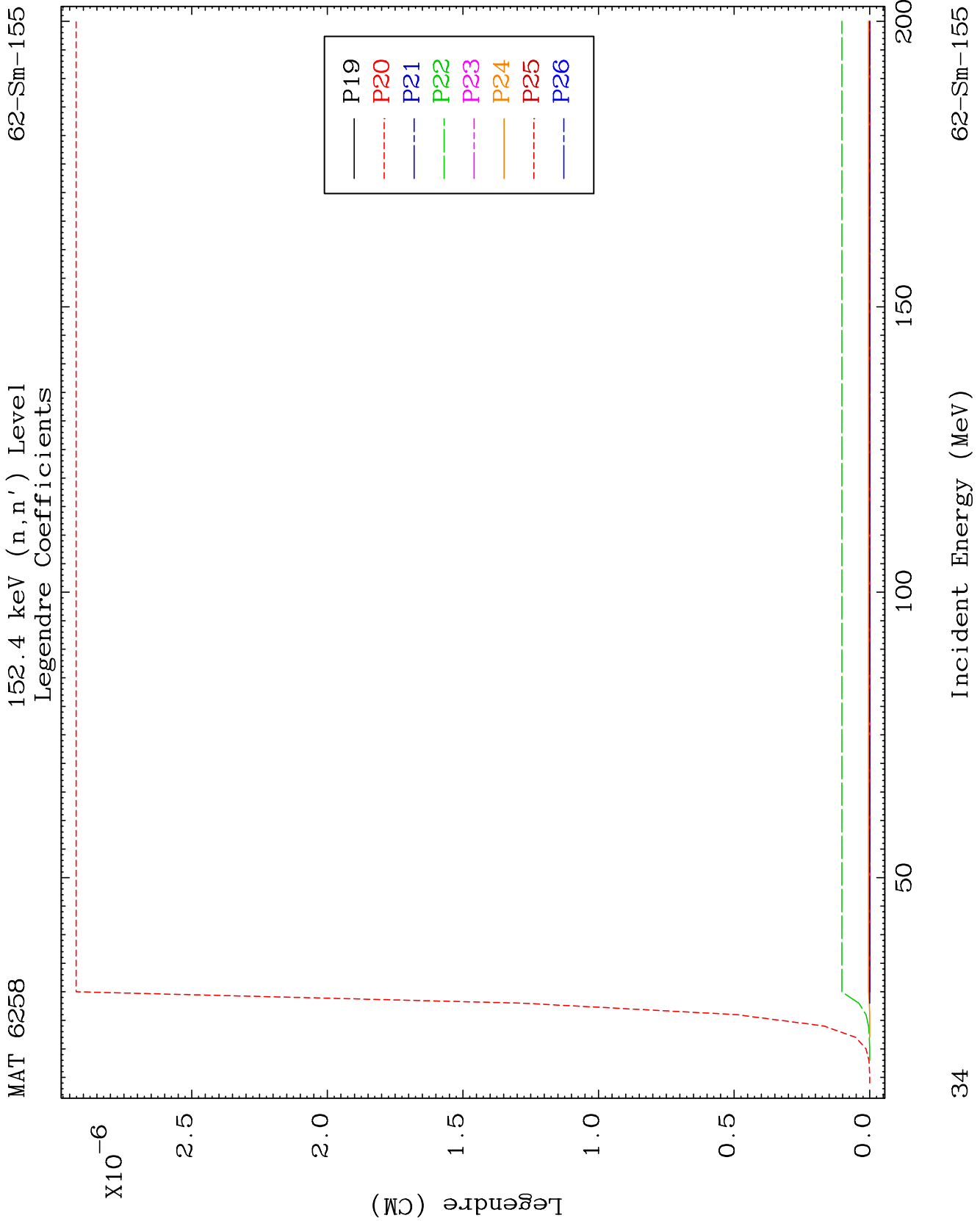
152.4 keV (n, n') Level  
Legendre Coefficients

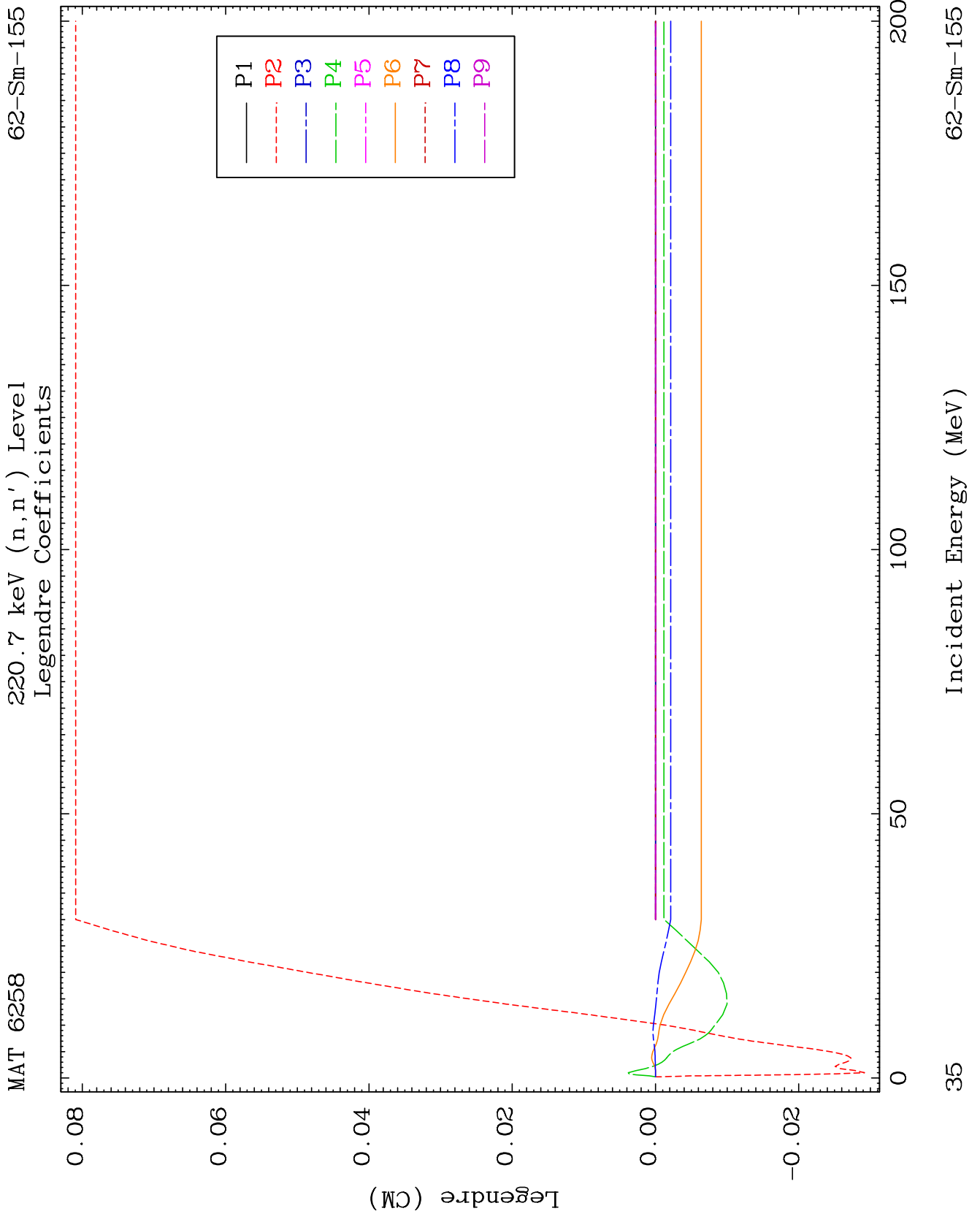
62-Sm-155



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62-Sm-155

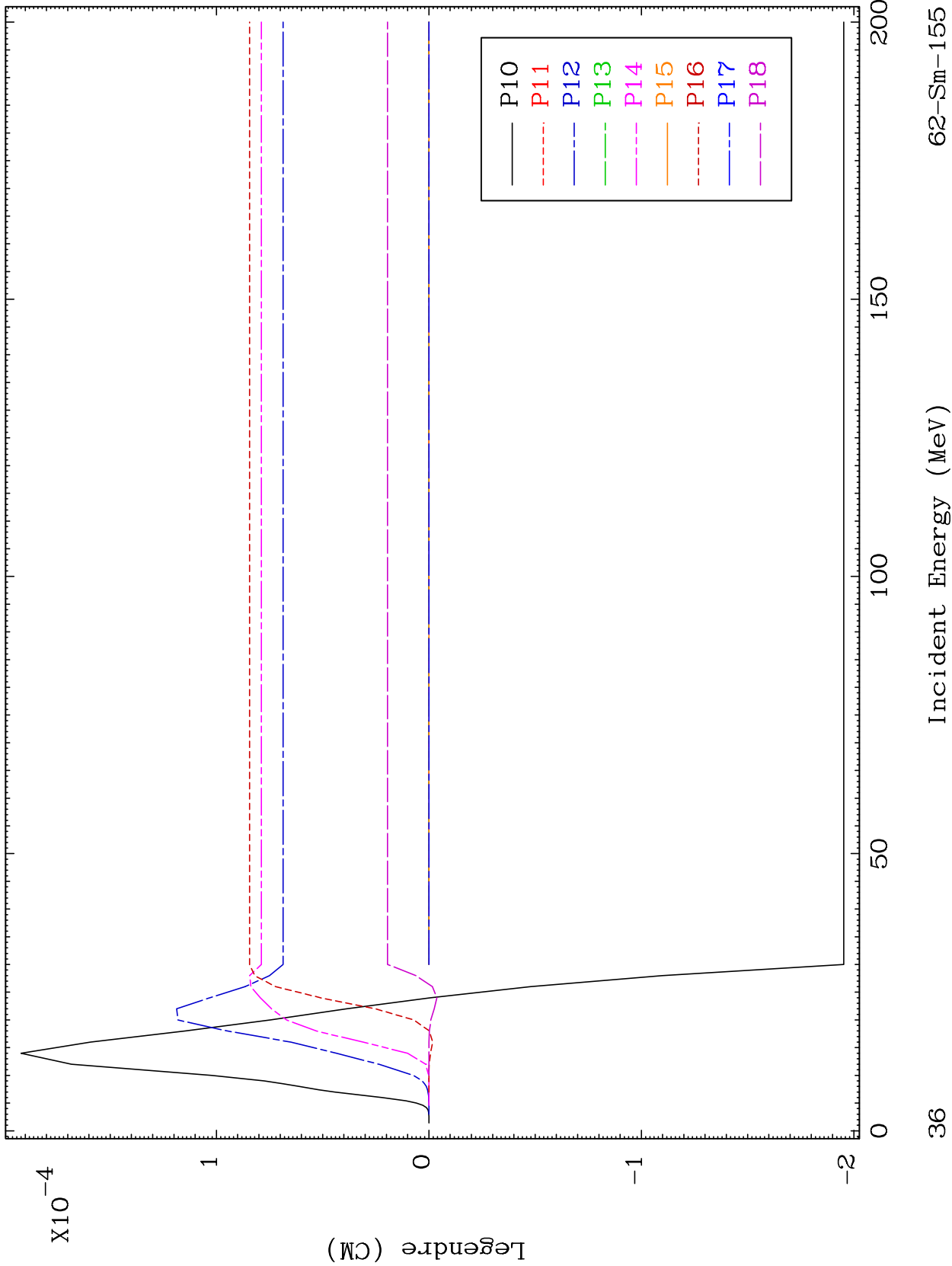


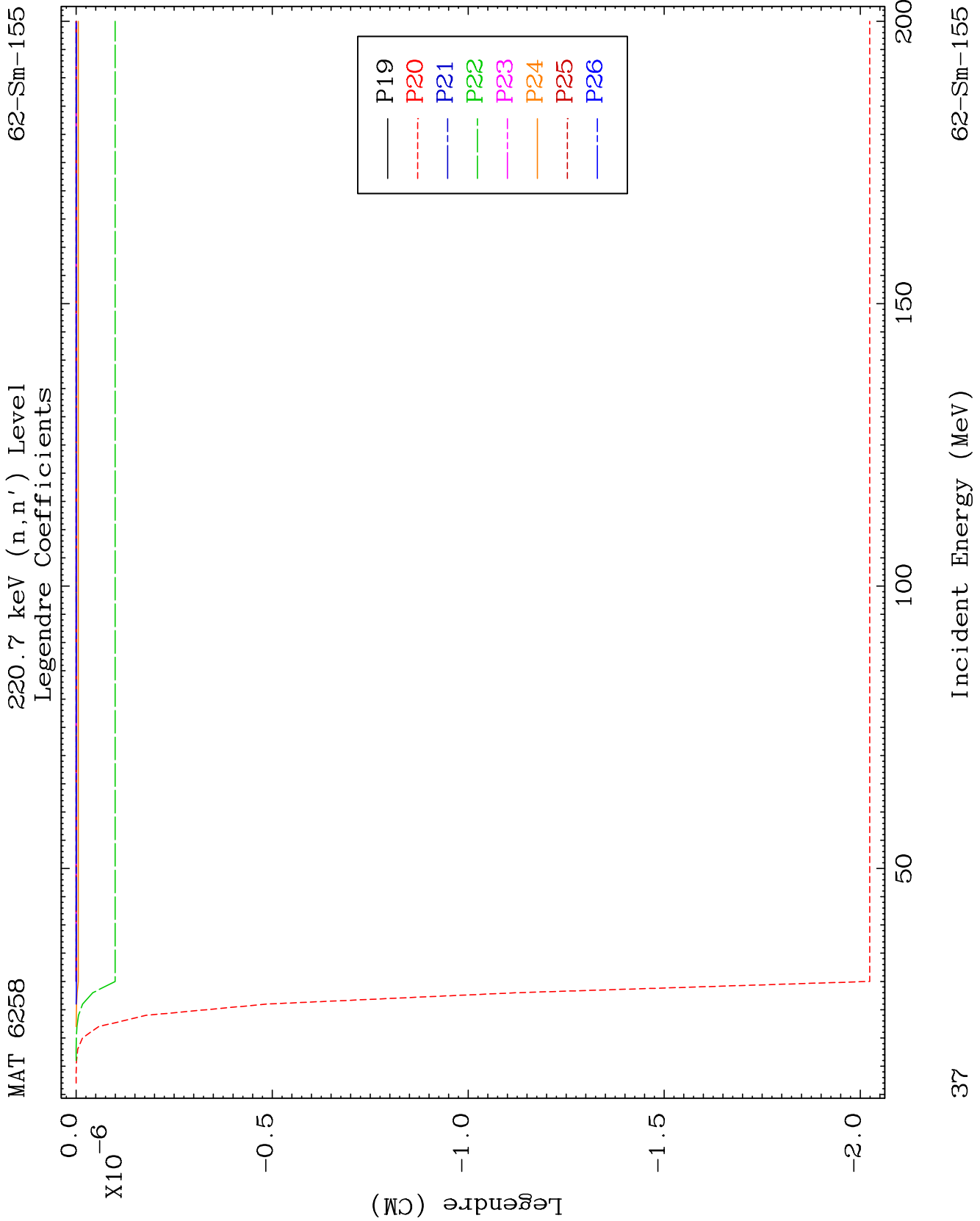


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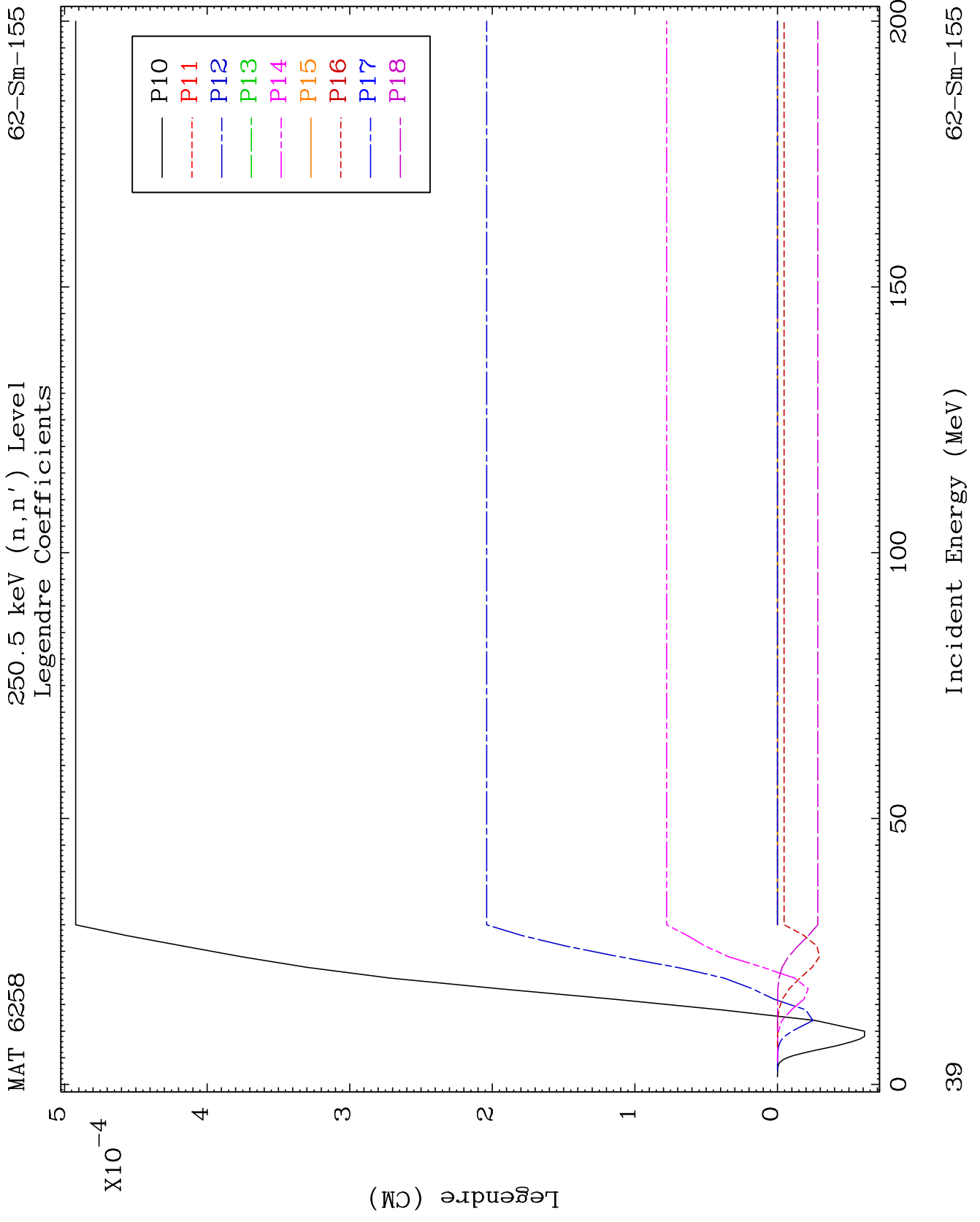
220.7 keV (n,n') Level  
Legendre Coefficients

62-Sm-155

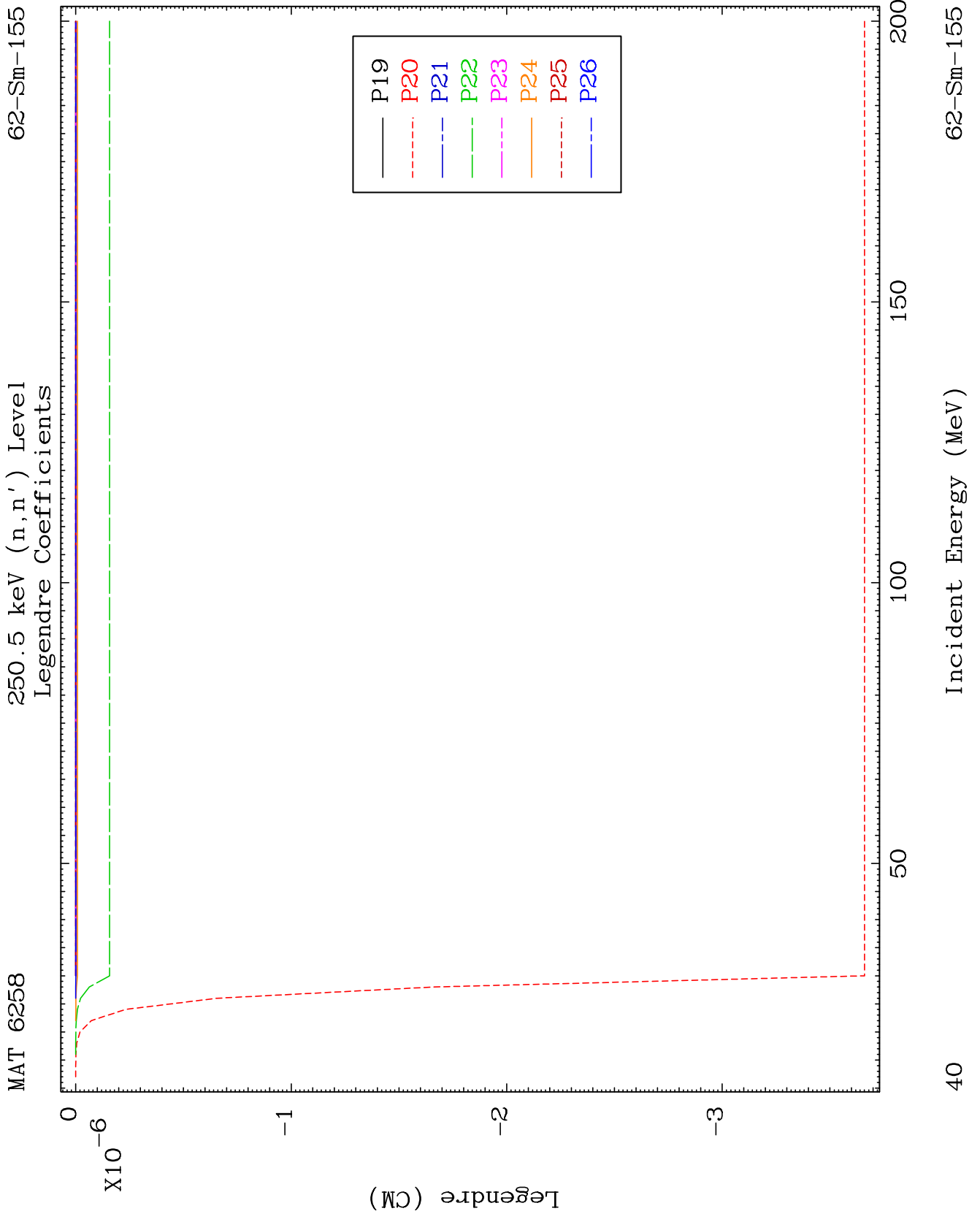








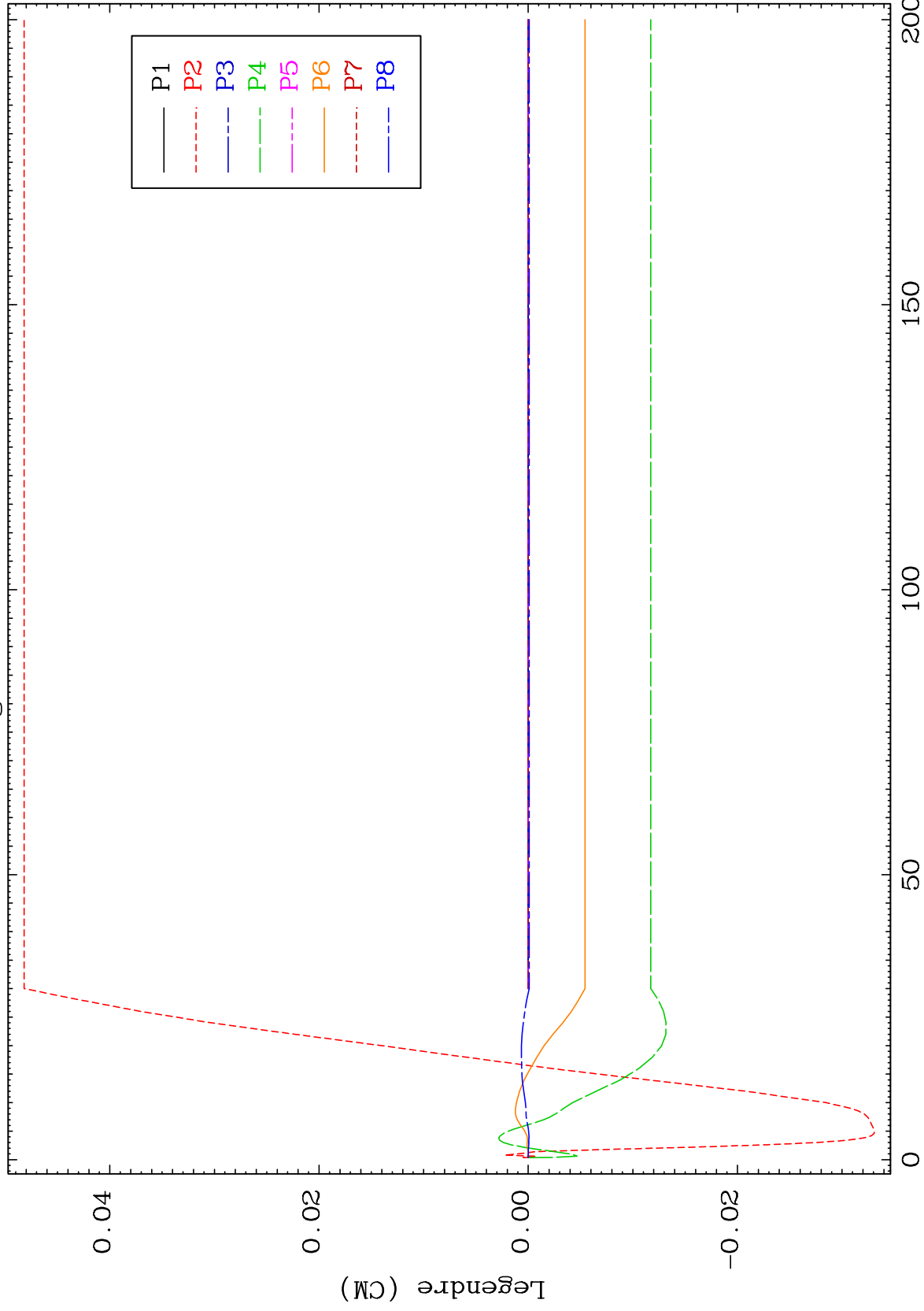




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337.3 keV (n,n') Level  
Legendre Coefficients

62-Sm-155



41

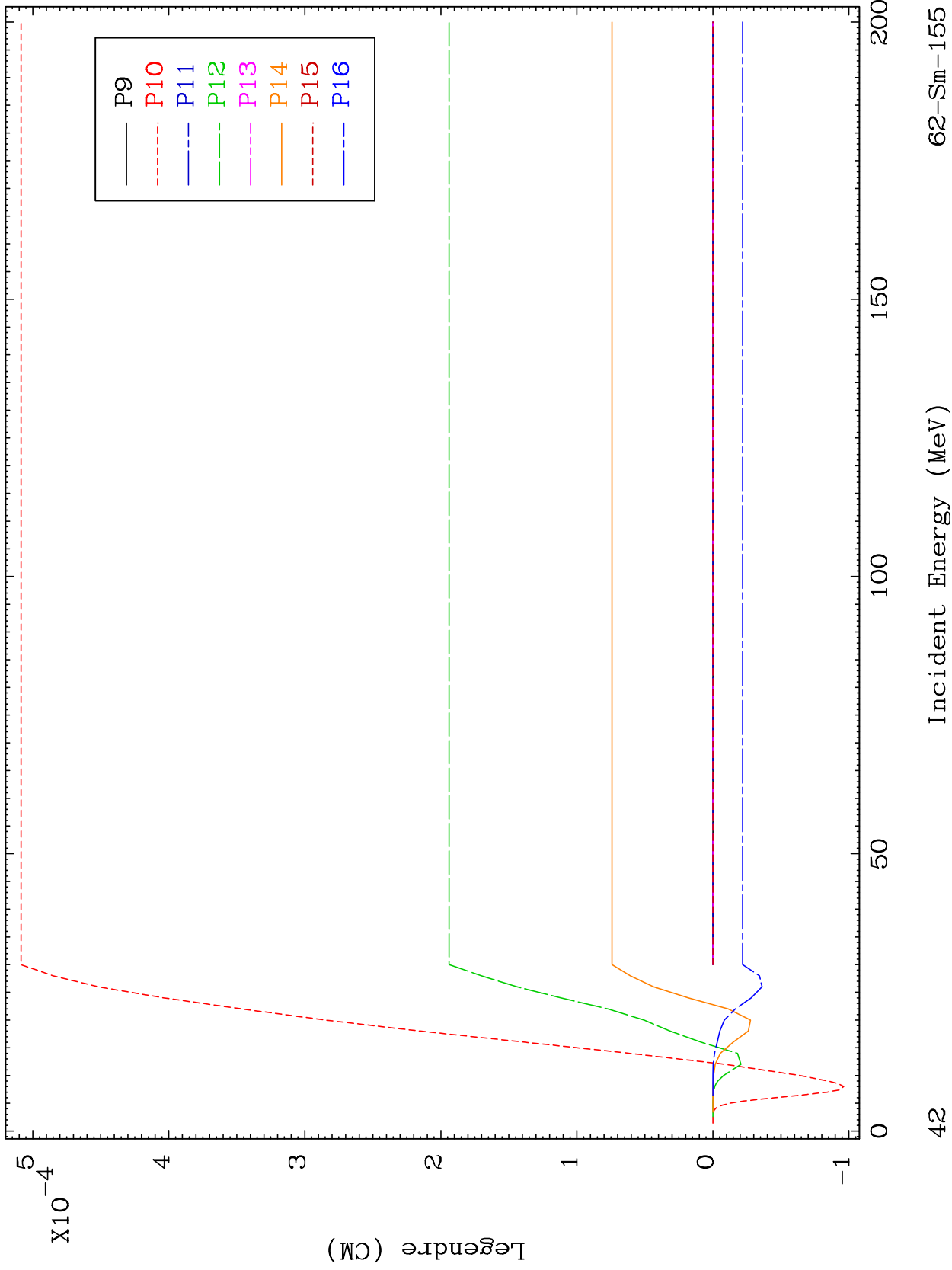
Incident Energy (MeV)

62-Sm-155

MAT 6258

337.3 keV (n,n') Level  
Legendre Coefficients

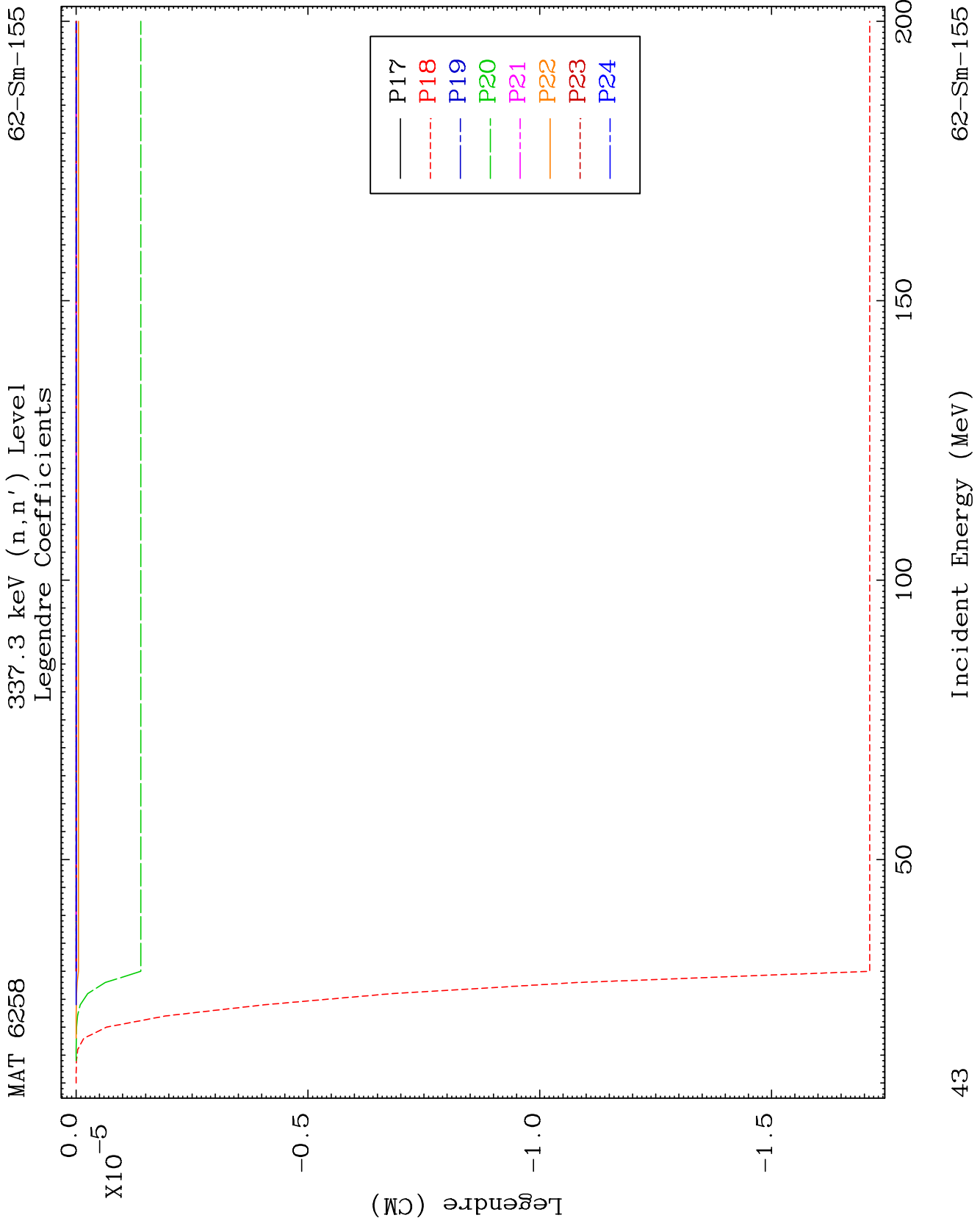
62-Sm-155

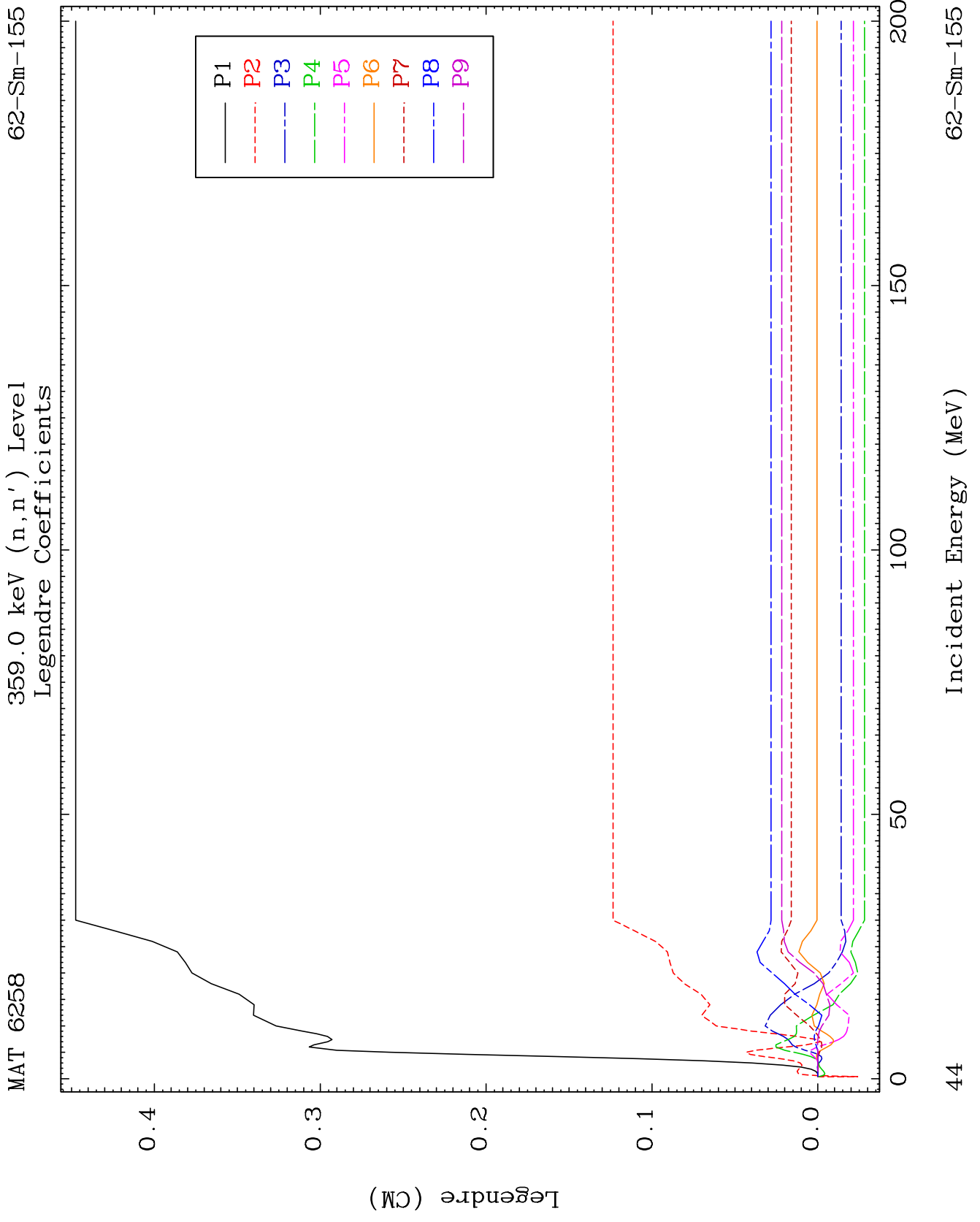


62-Sm-155

Incident Energy (MeV)

42

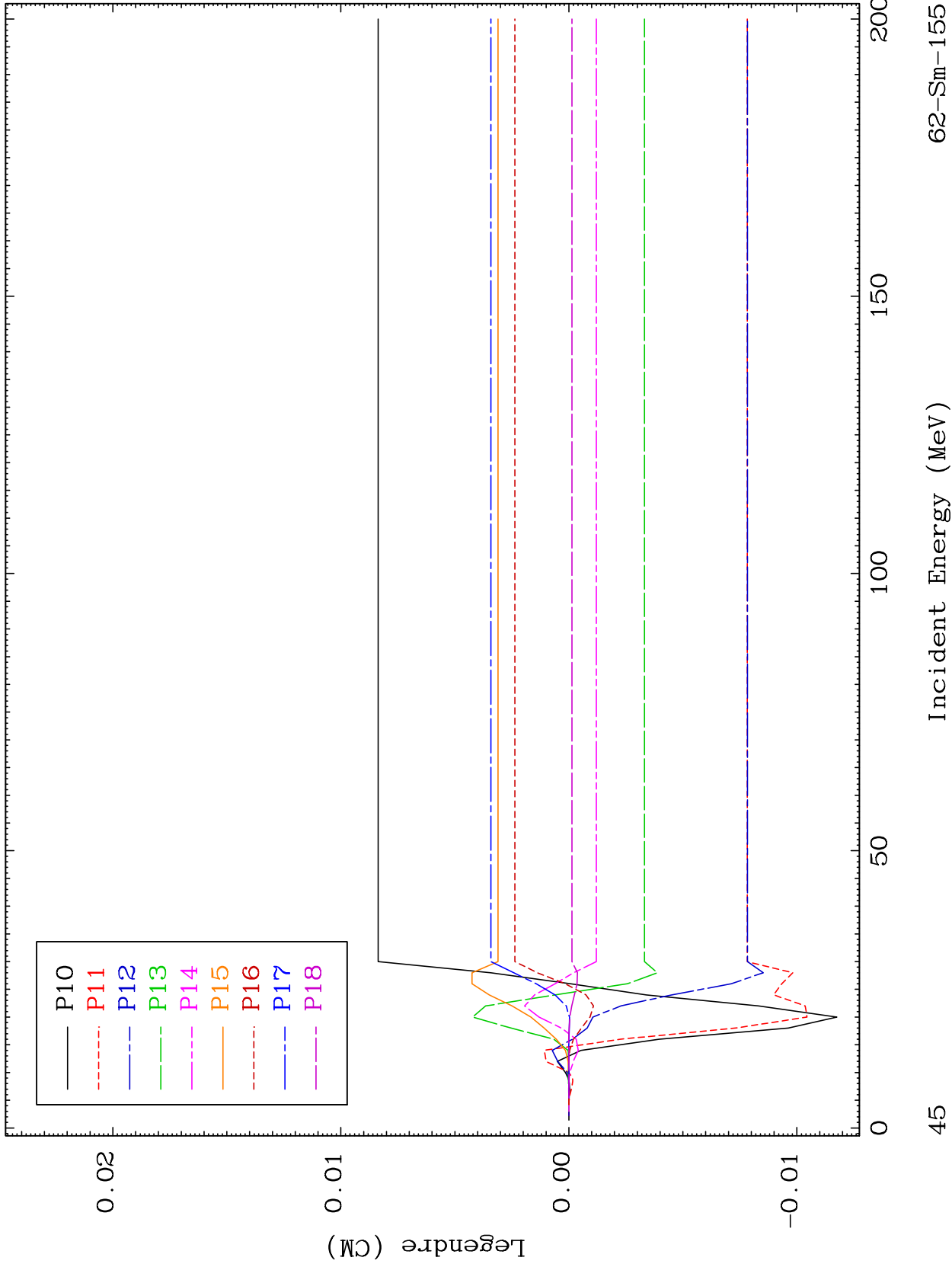




MAT 6258

359.0 keV (n,n') Level  
Legendre Coefficients

62-Sm-155



62-Sm-155

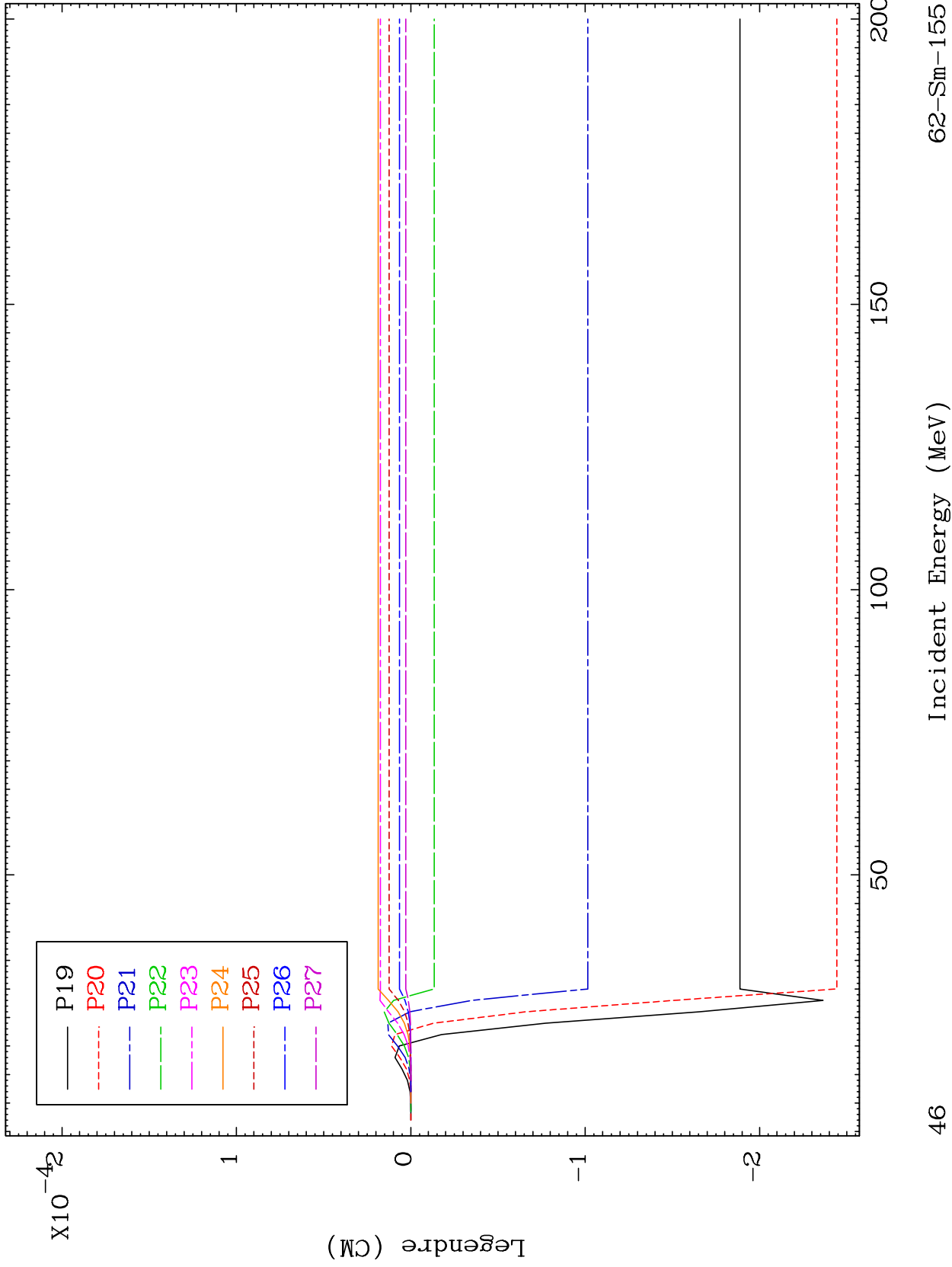
Incident Energy (MeV)

45

MAT 6258

359.0 keV (n,n') Level  
Legendre Coefficients

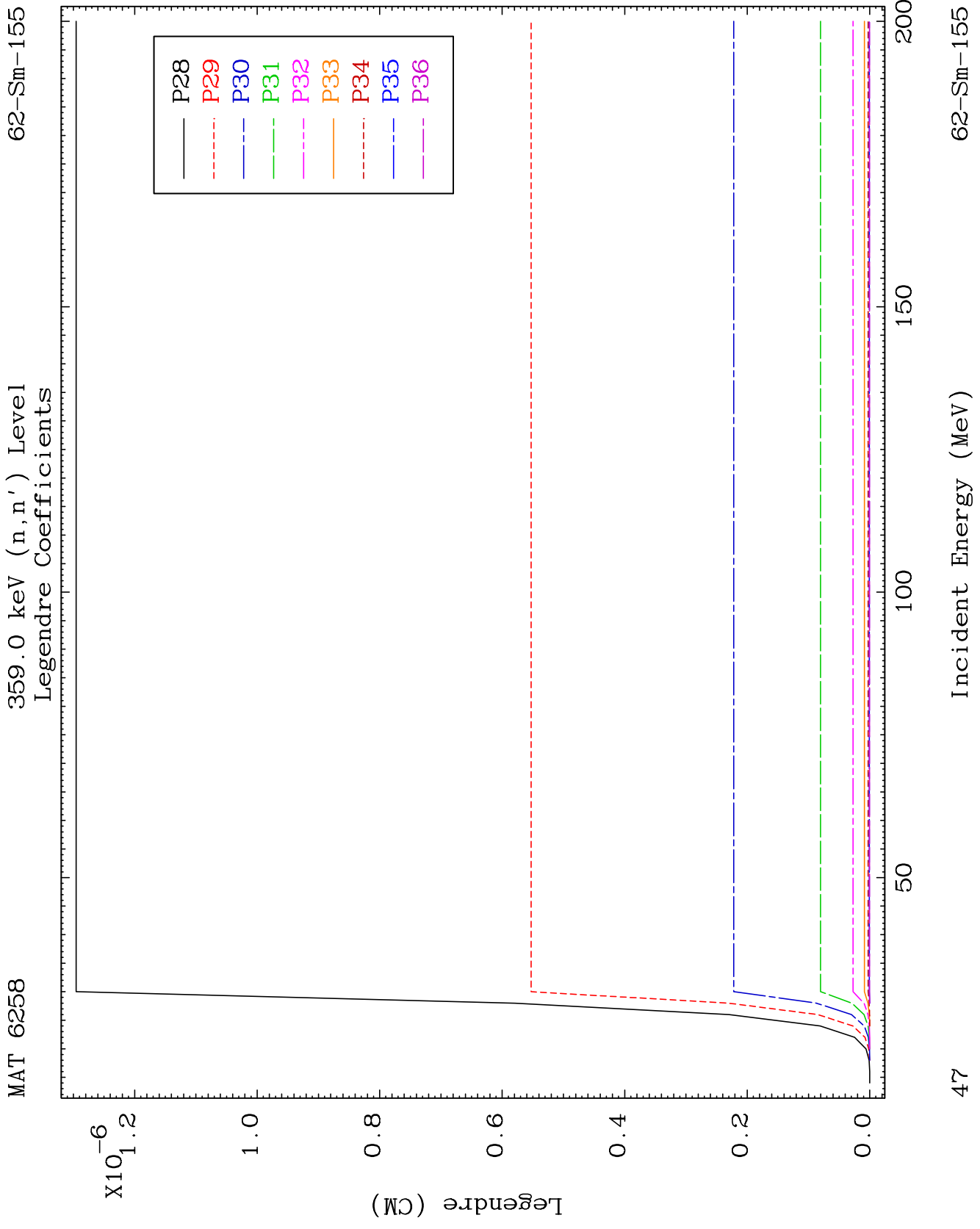
62-Sm-155



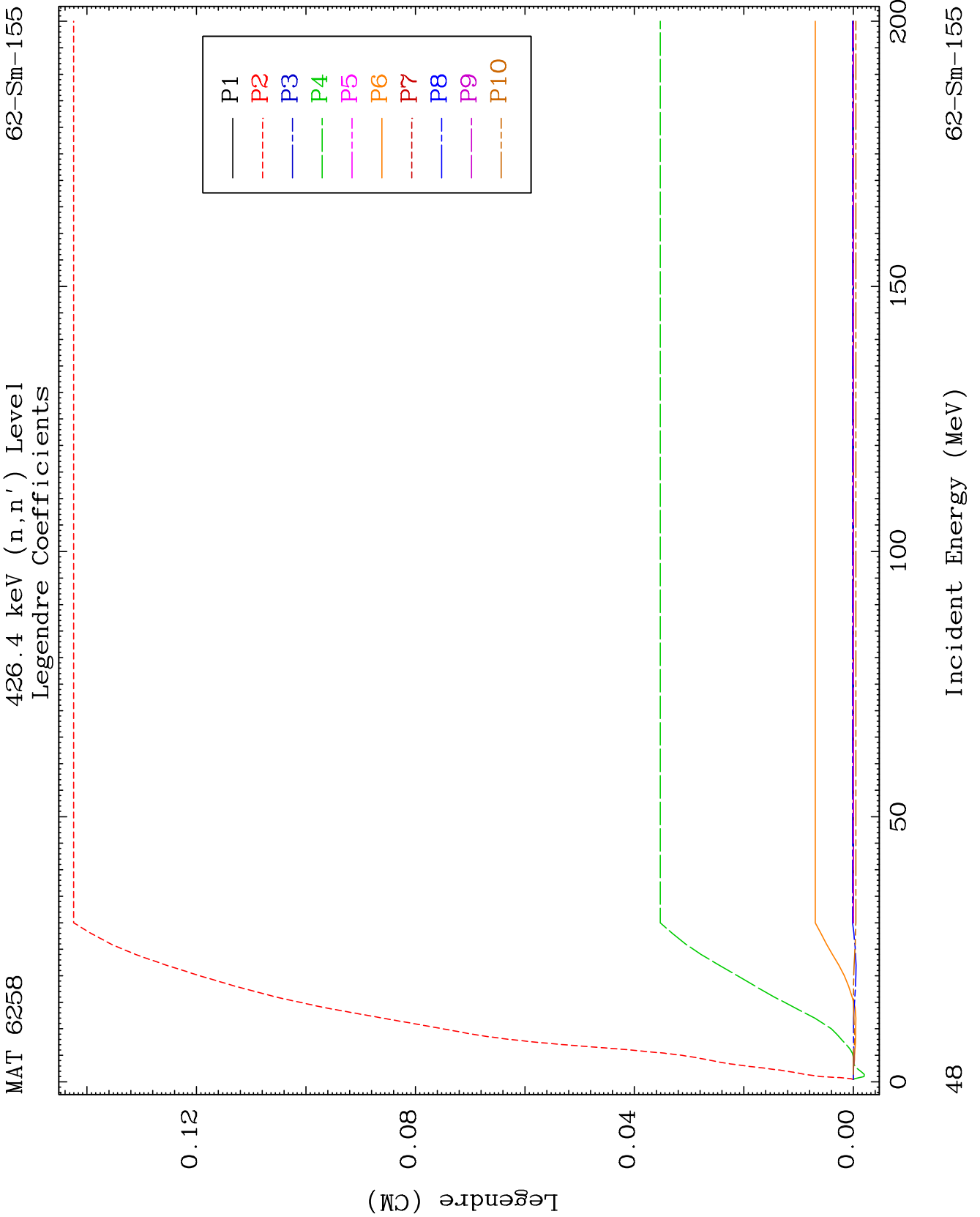
46

Incident Energy (MeV)

62-Sm-155



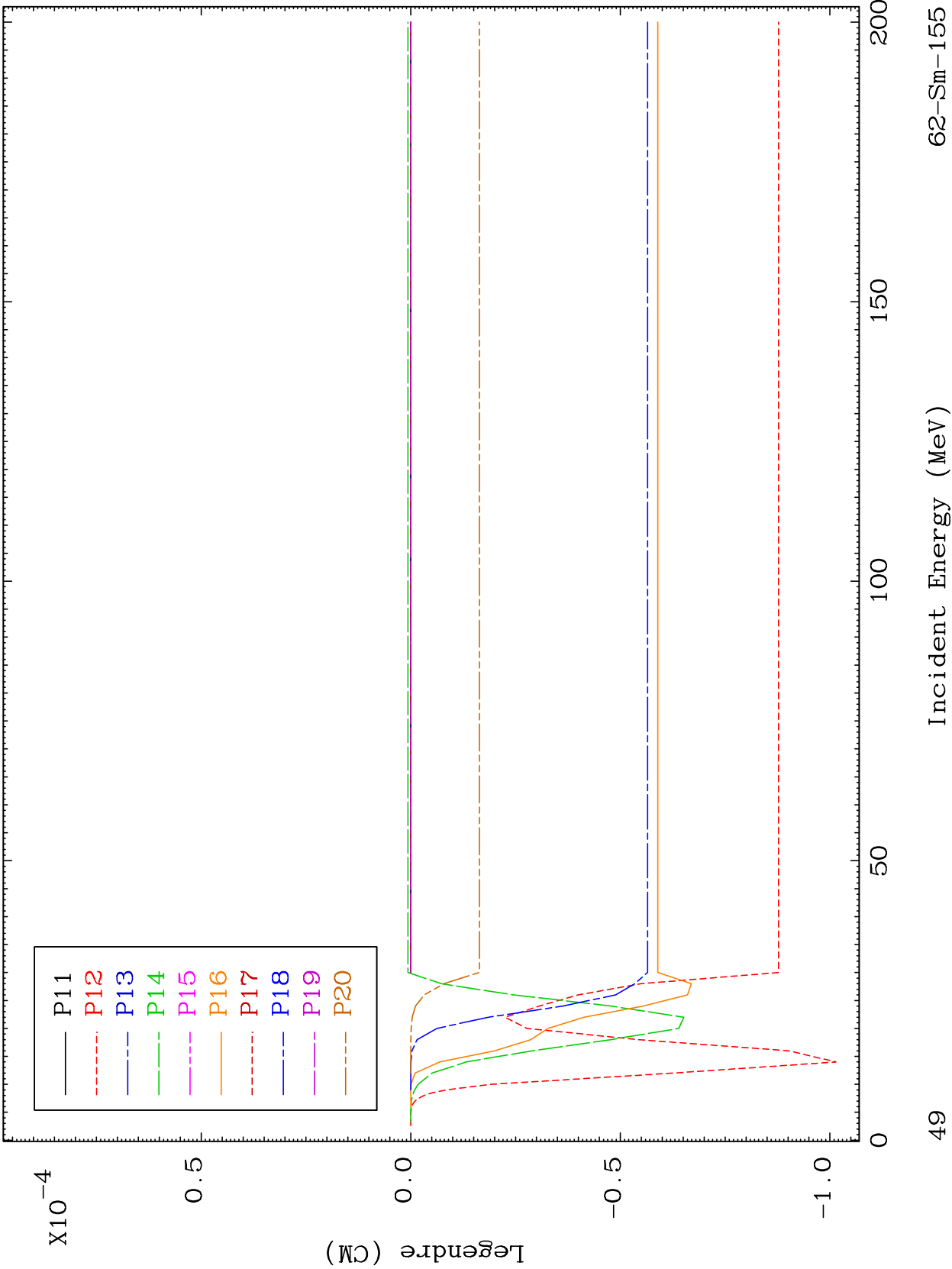


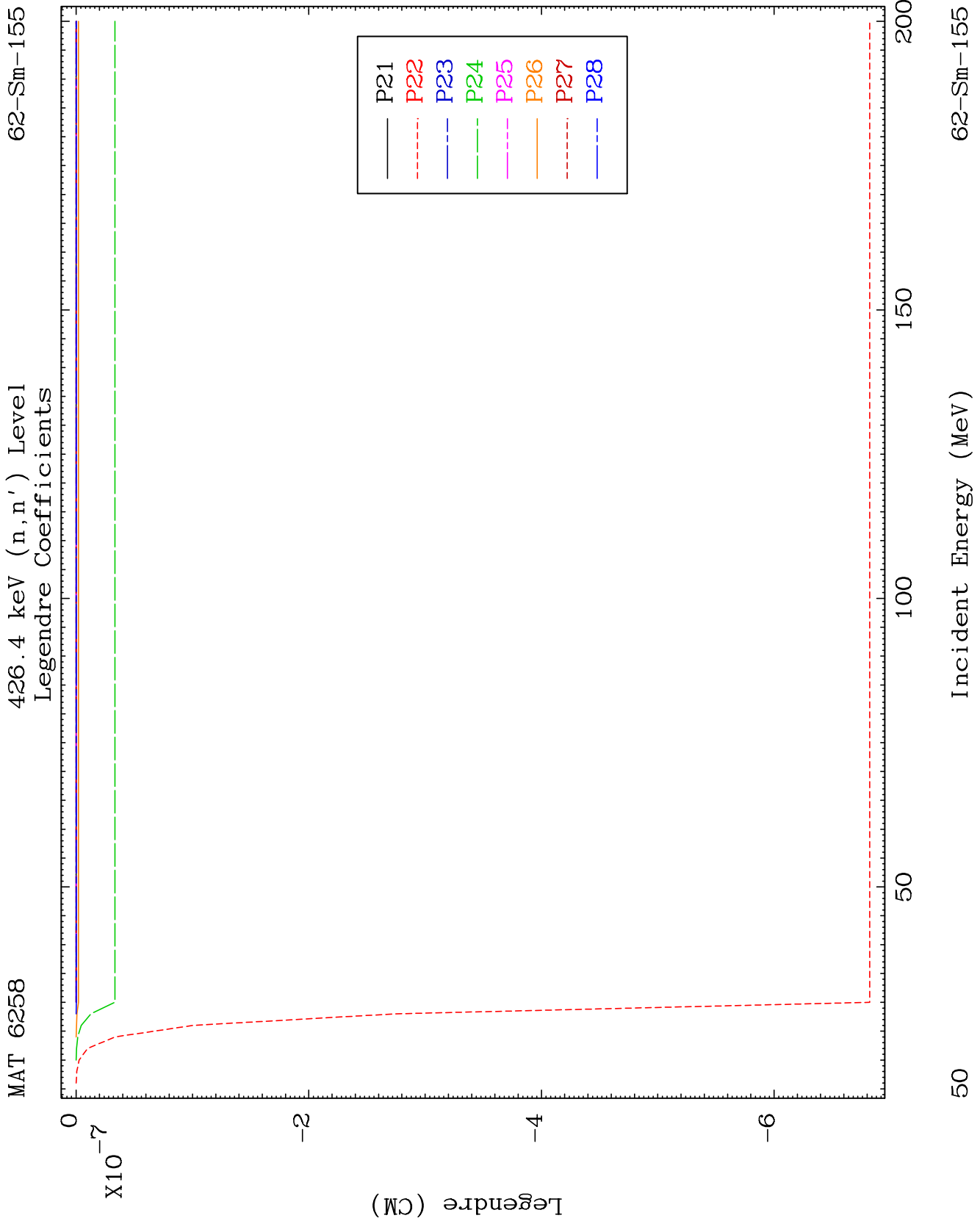


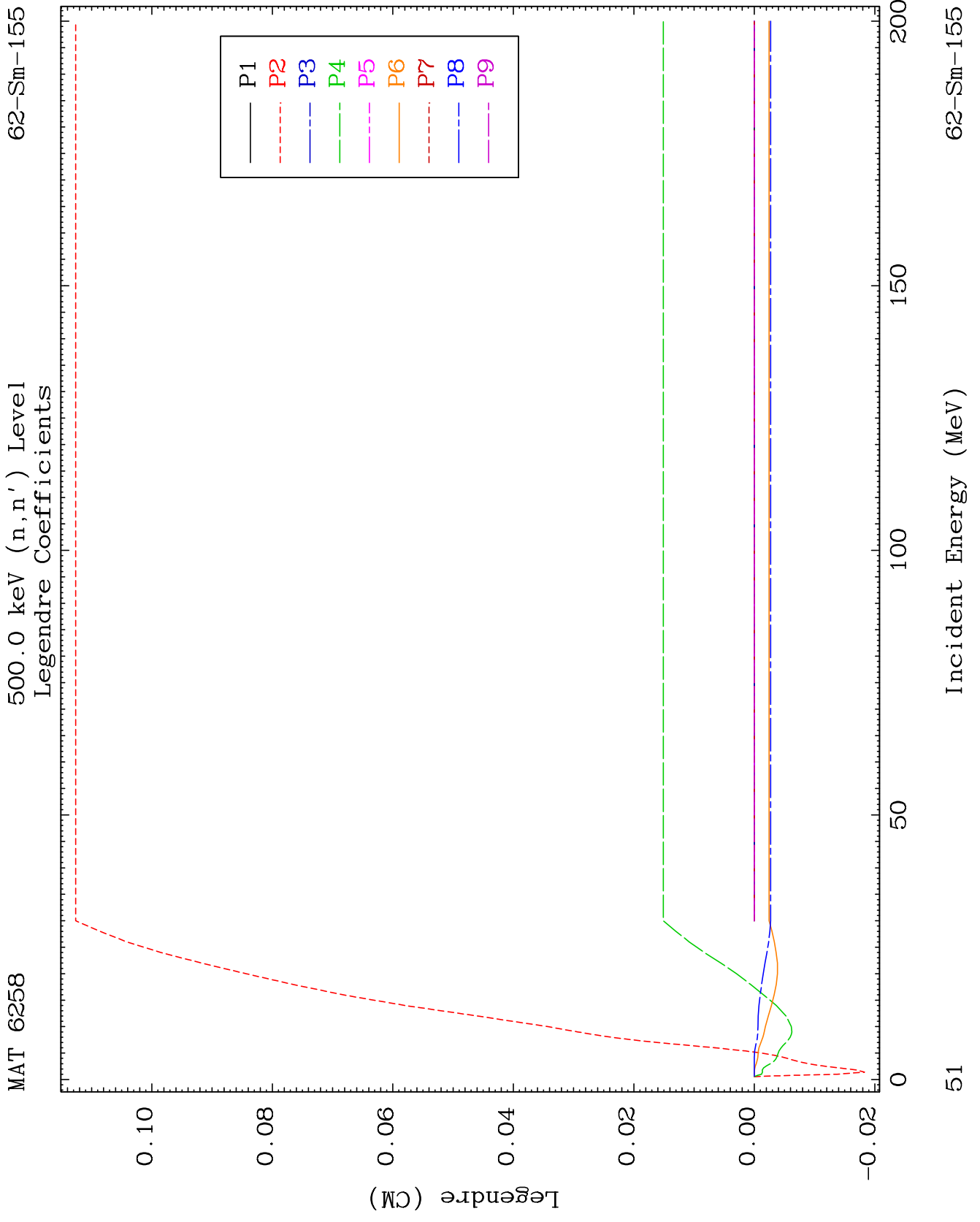
MAT 6258

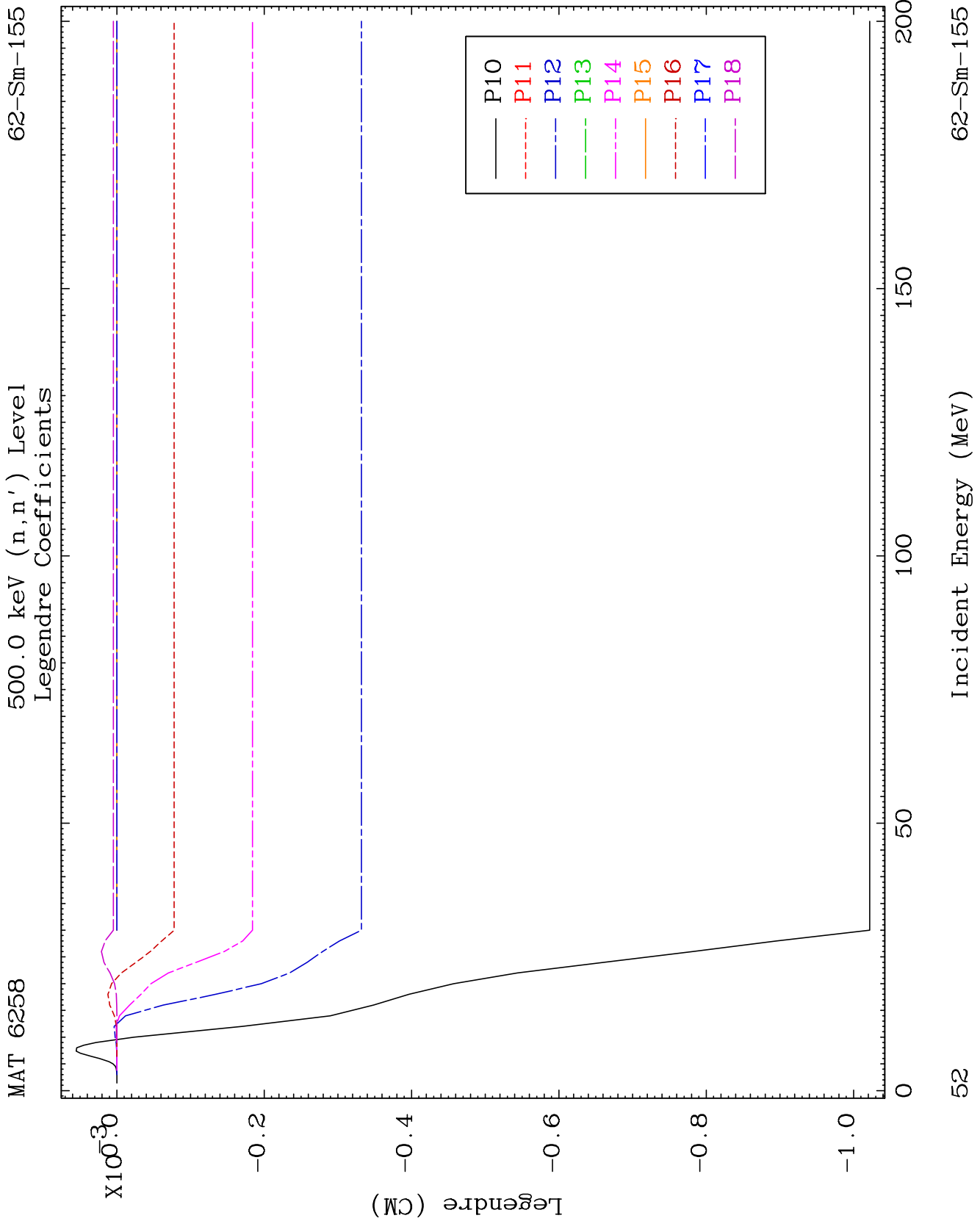
426.4 keV (n,n') Level  
Legendre Coefficients

62-Sm-155

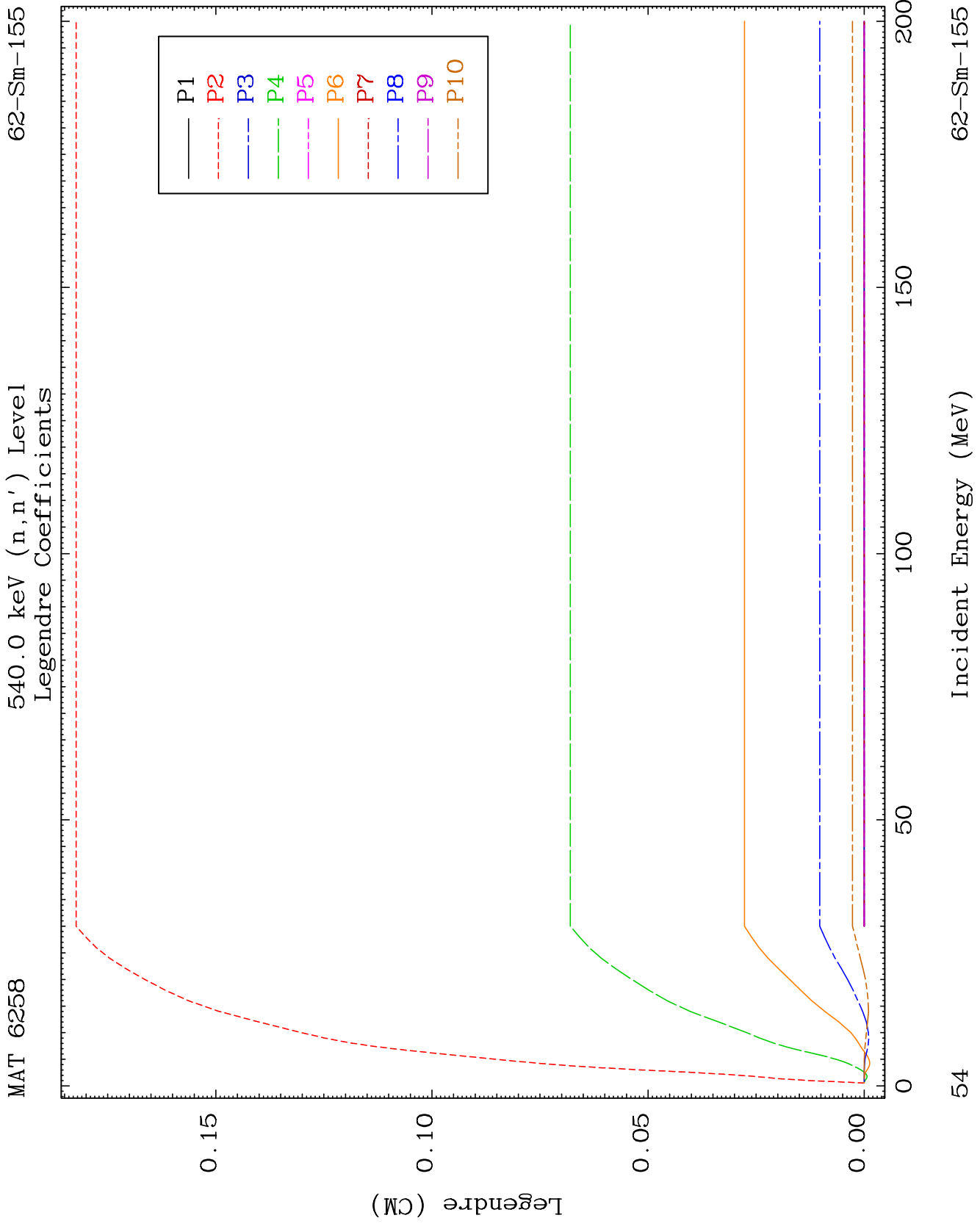








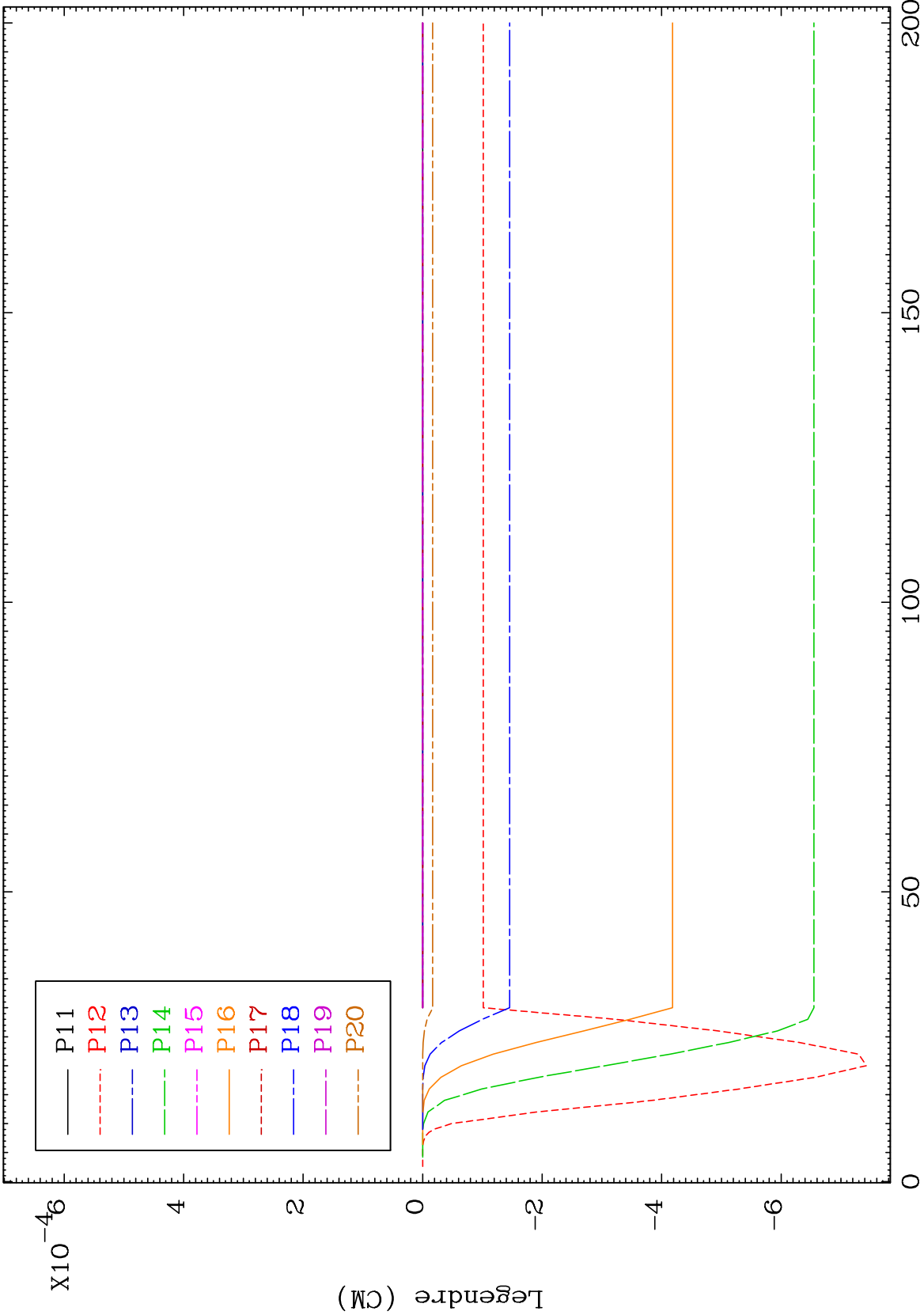
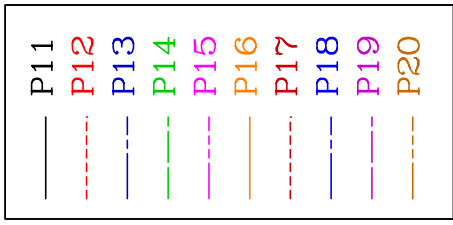




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540.0 keV (n,n') Level  
Legendre Coefficients

62-Sm-155

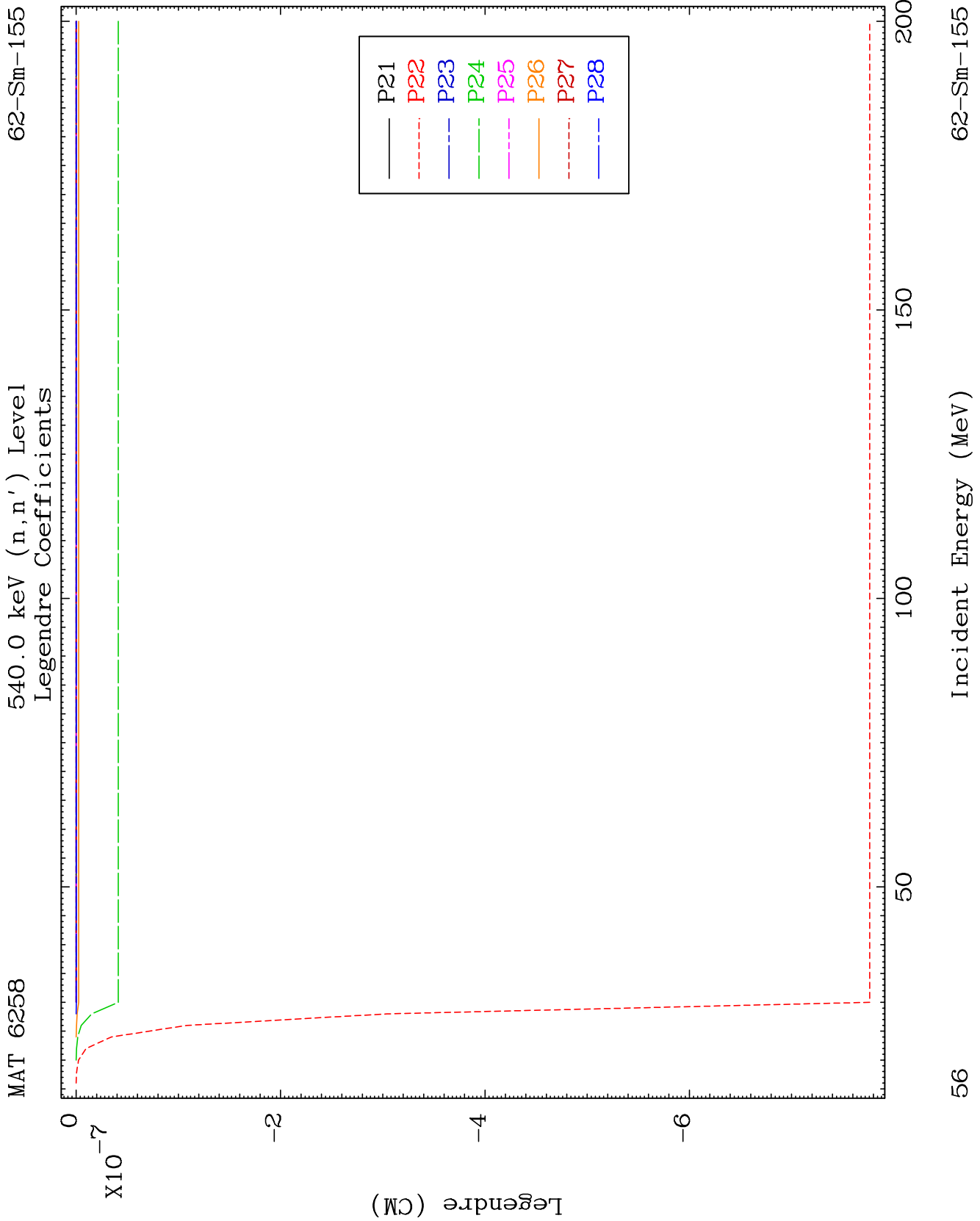


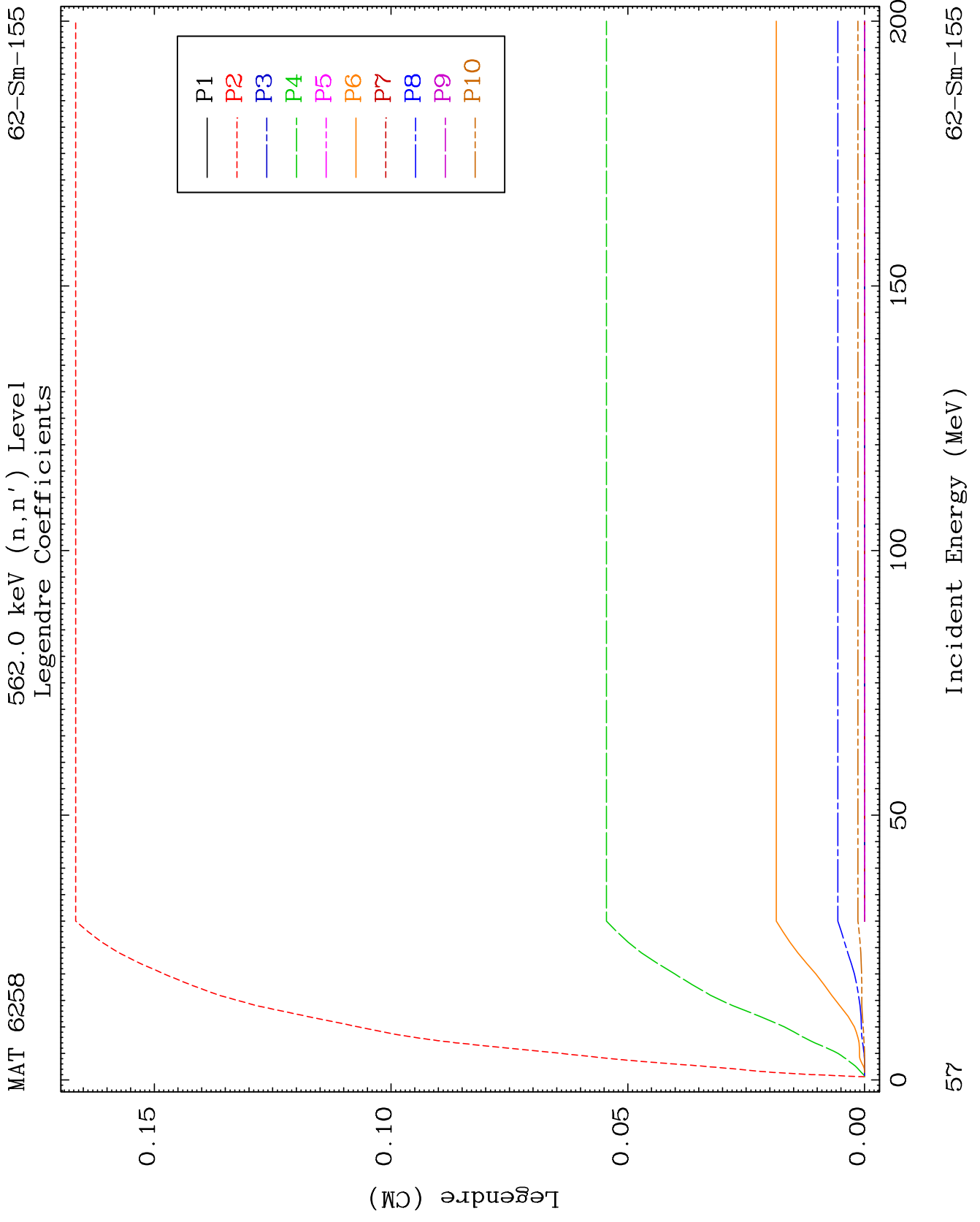
55

Incident Energy (MeV)

62-Sm-155



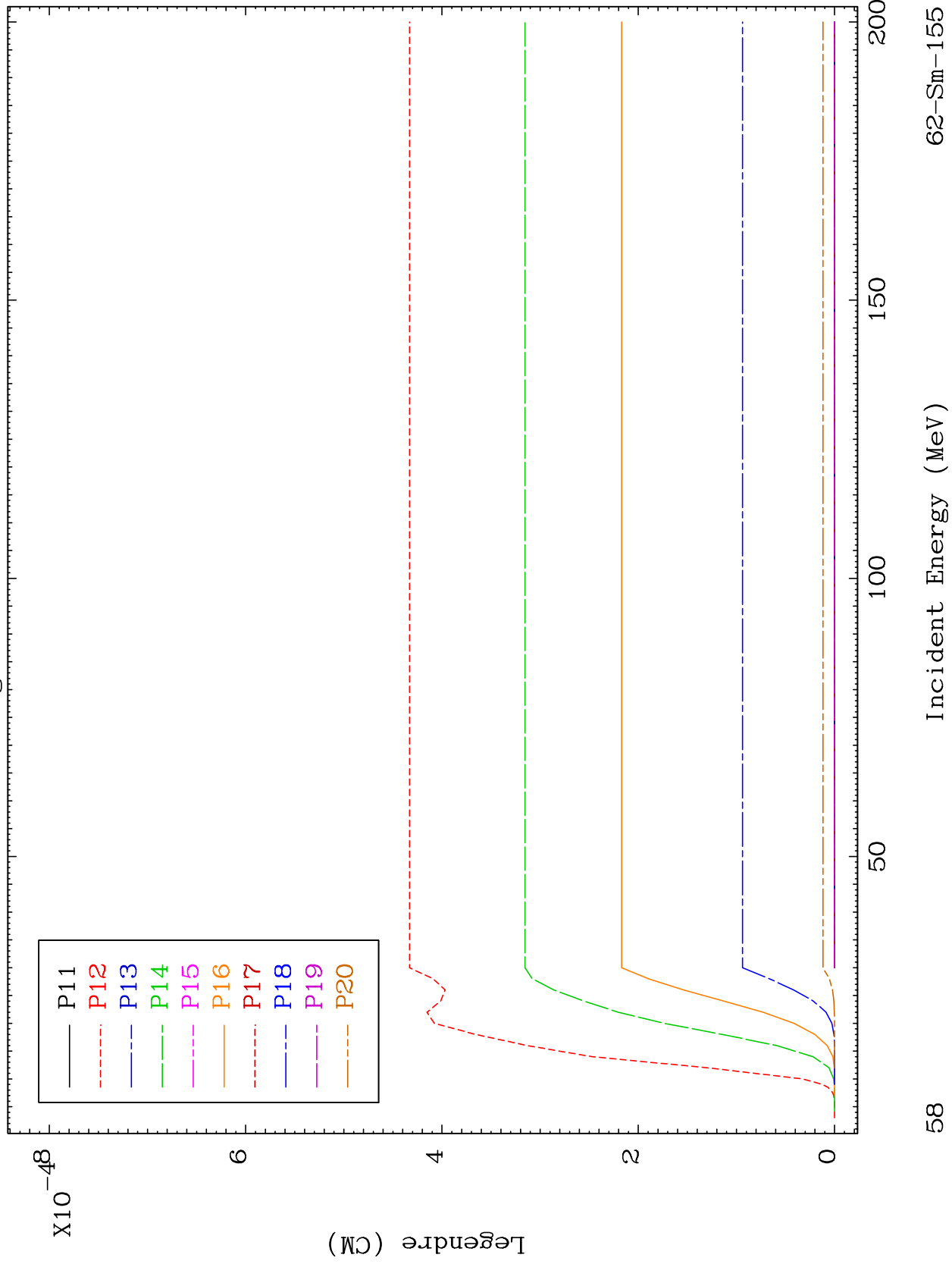




MAT 6258

562.0 keV (n,n') Level  
Legendre Coefficients

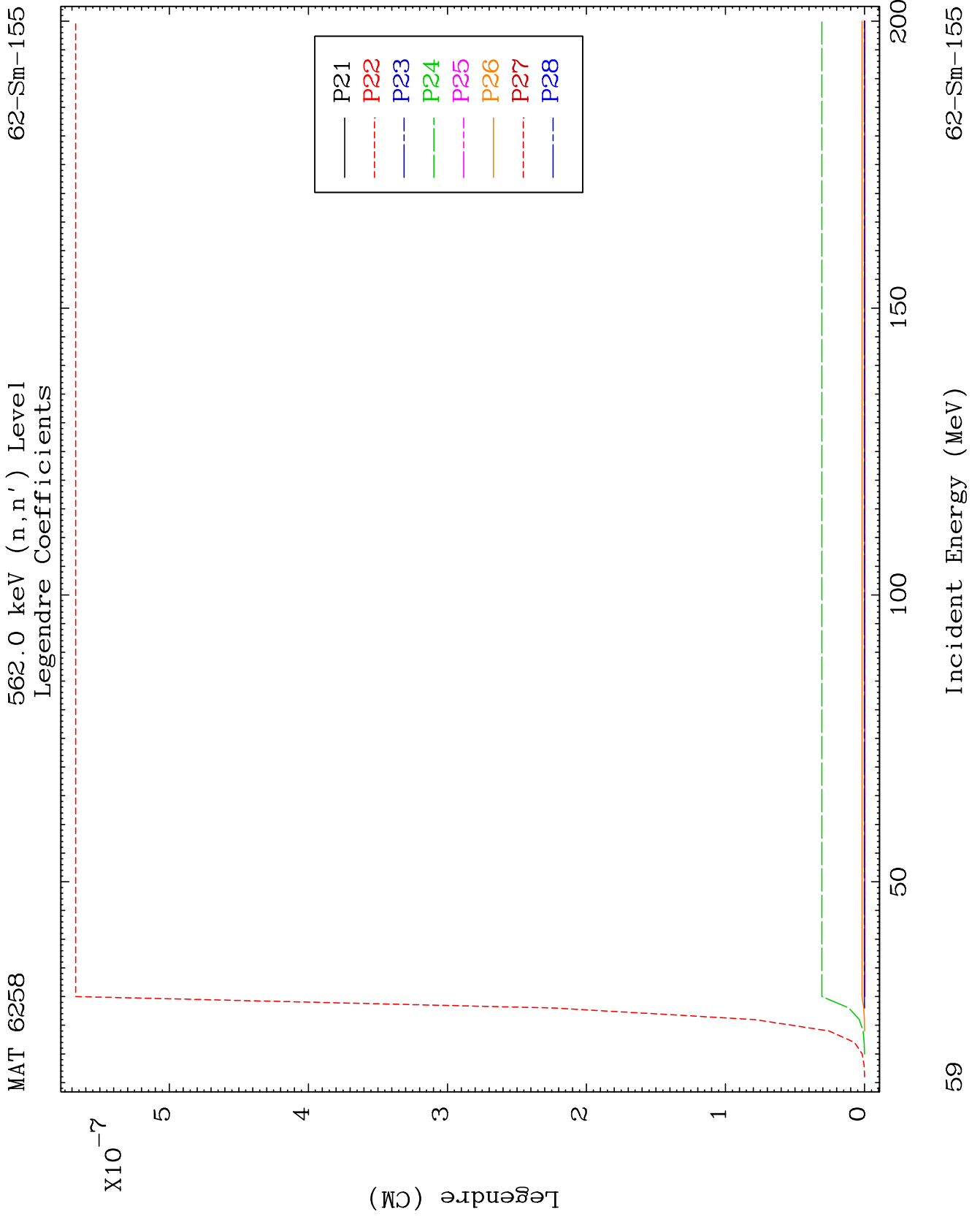
62-Sm-155



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Incident Energy (MeV)

62-Sm-155

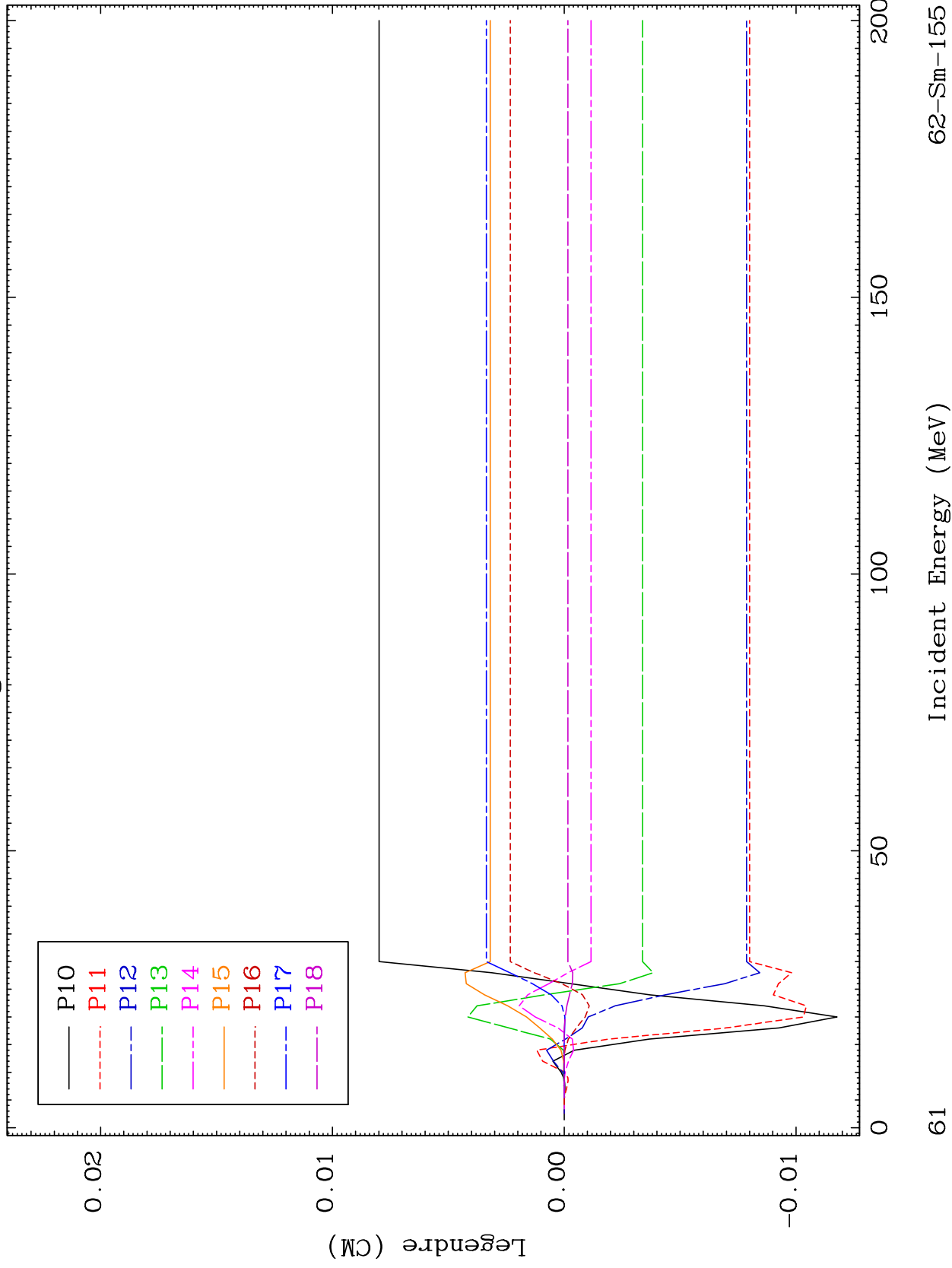




MAT 6258

595.1 keV (n,n') Level  
Legendre Coefficients

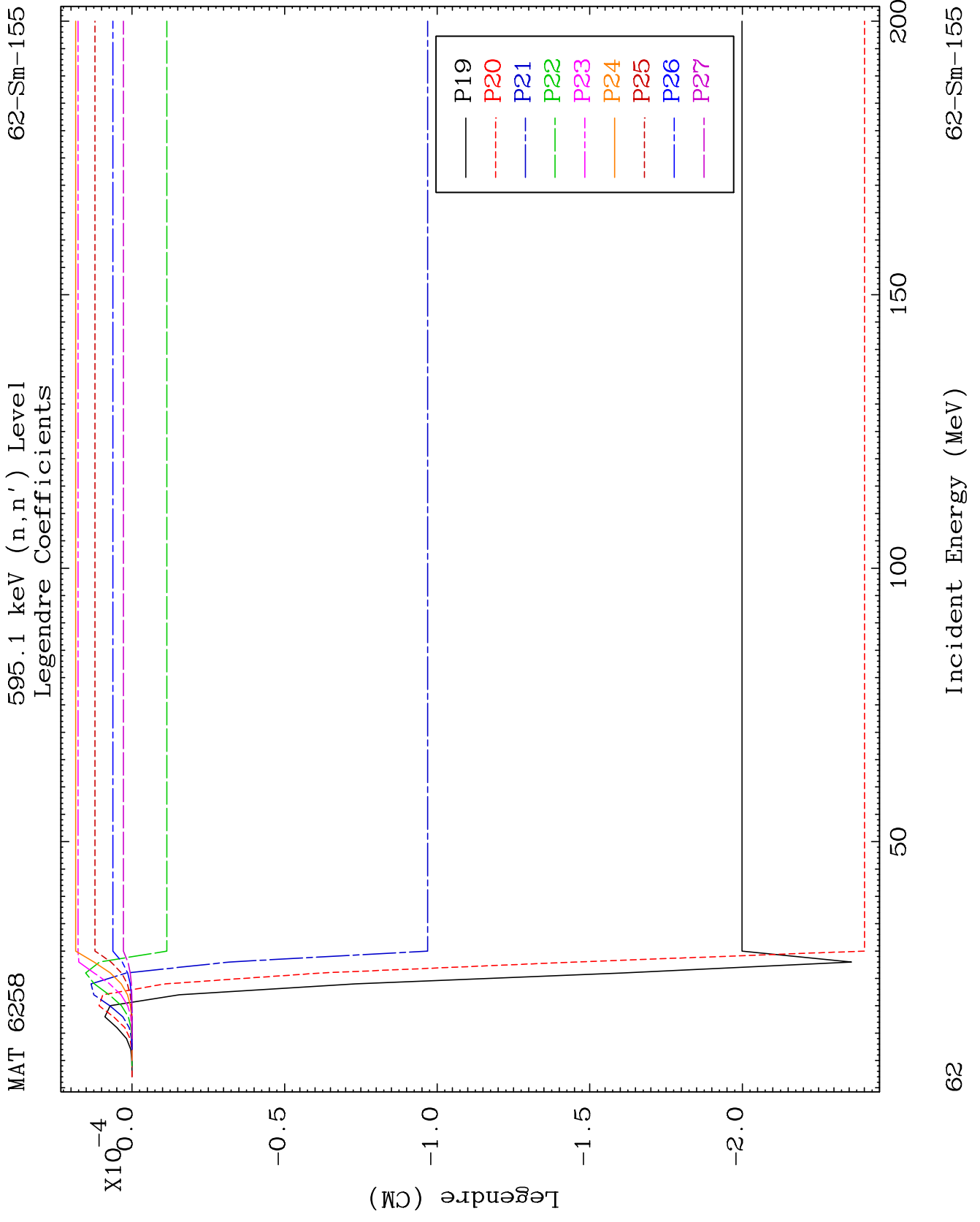
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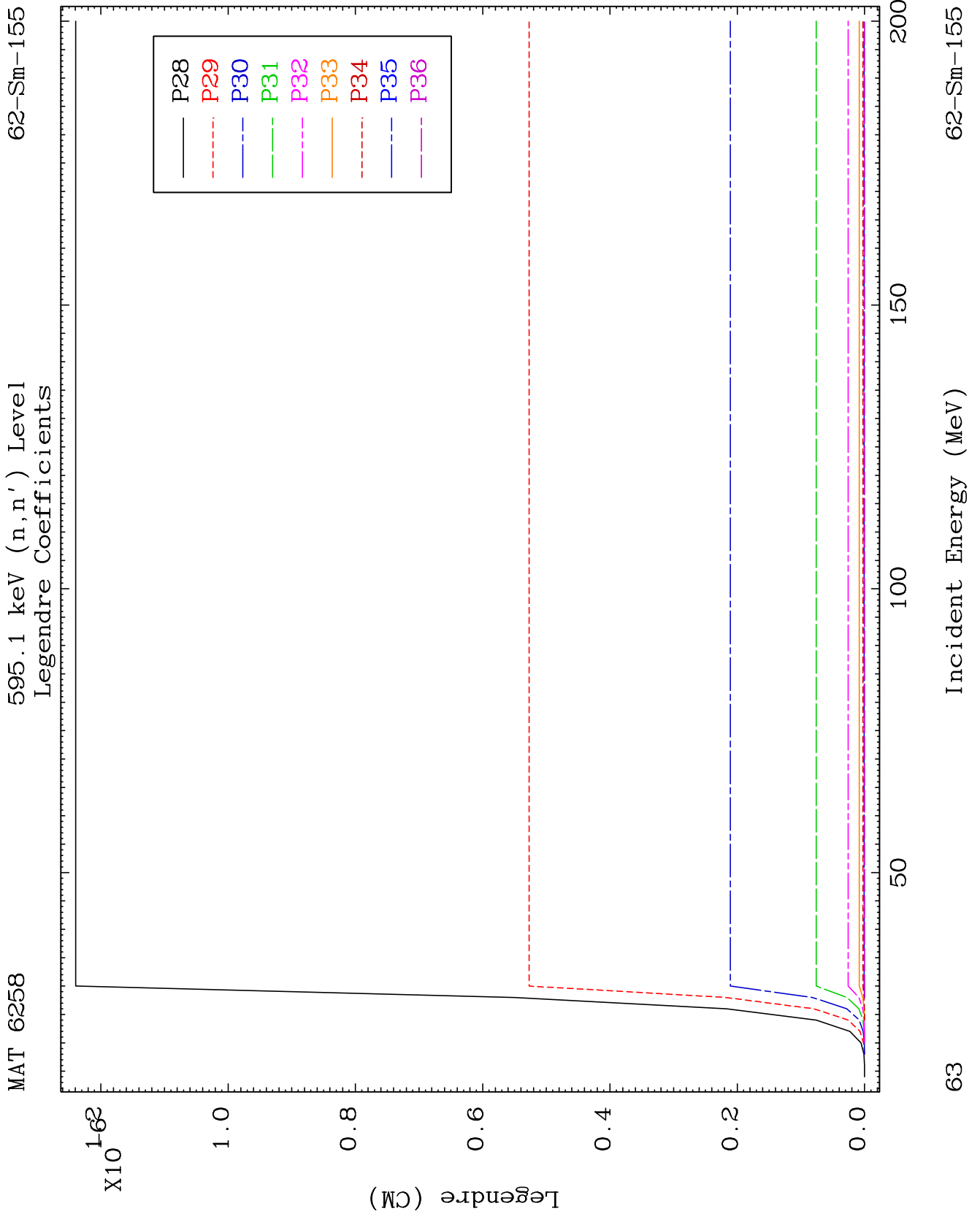


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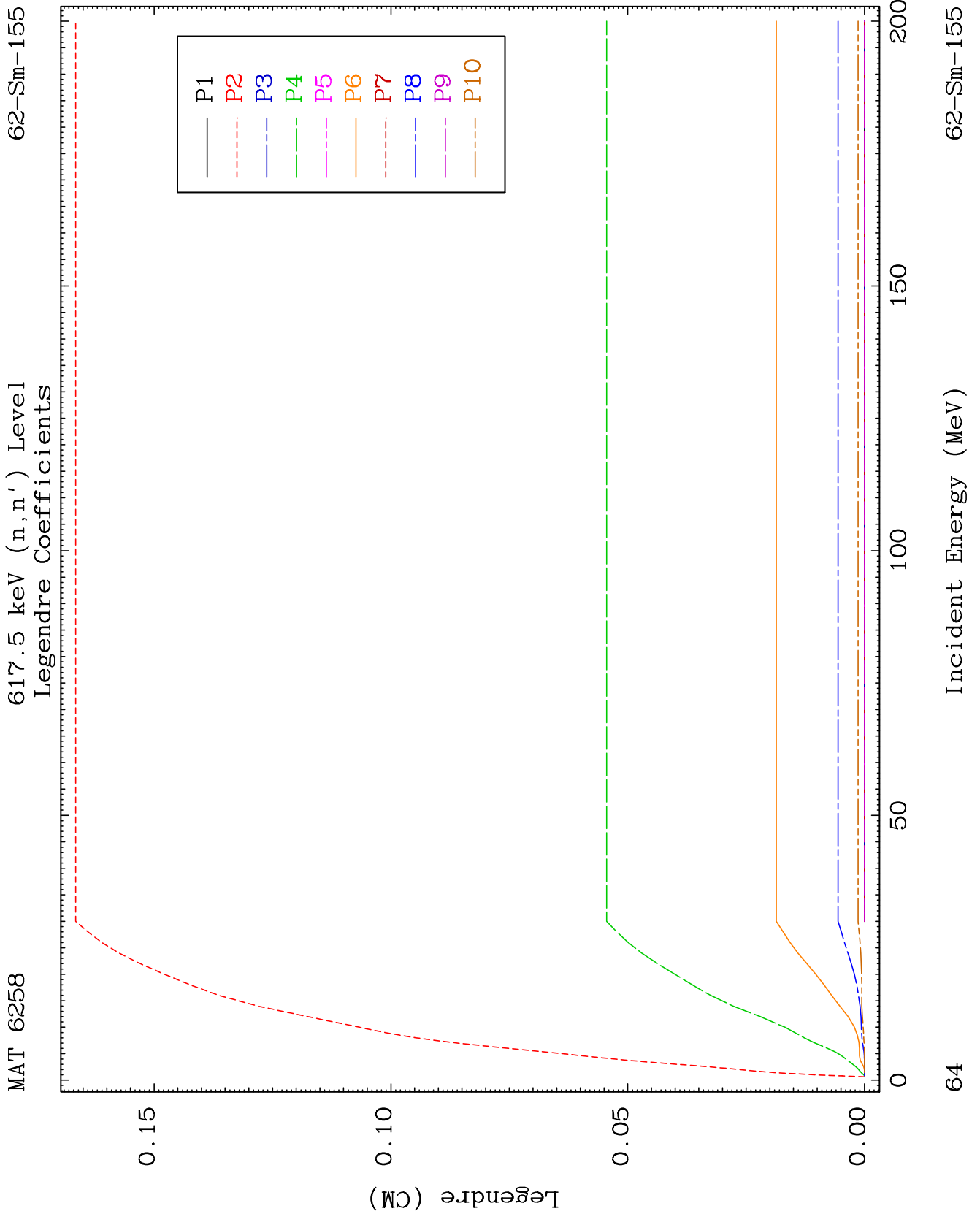
Incident Energy (MeV)

62-Sm-155





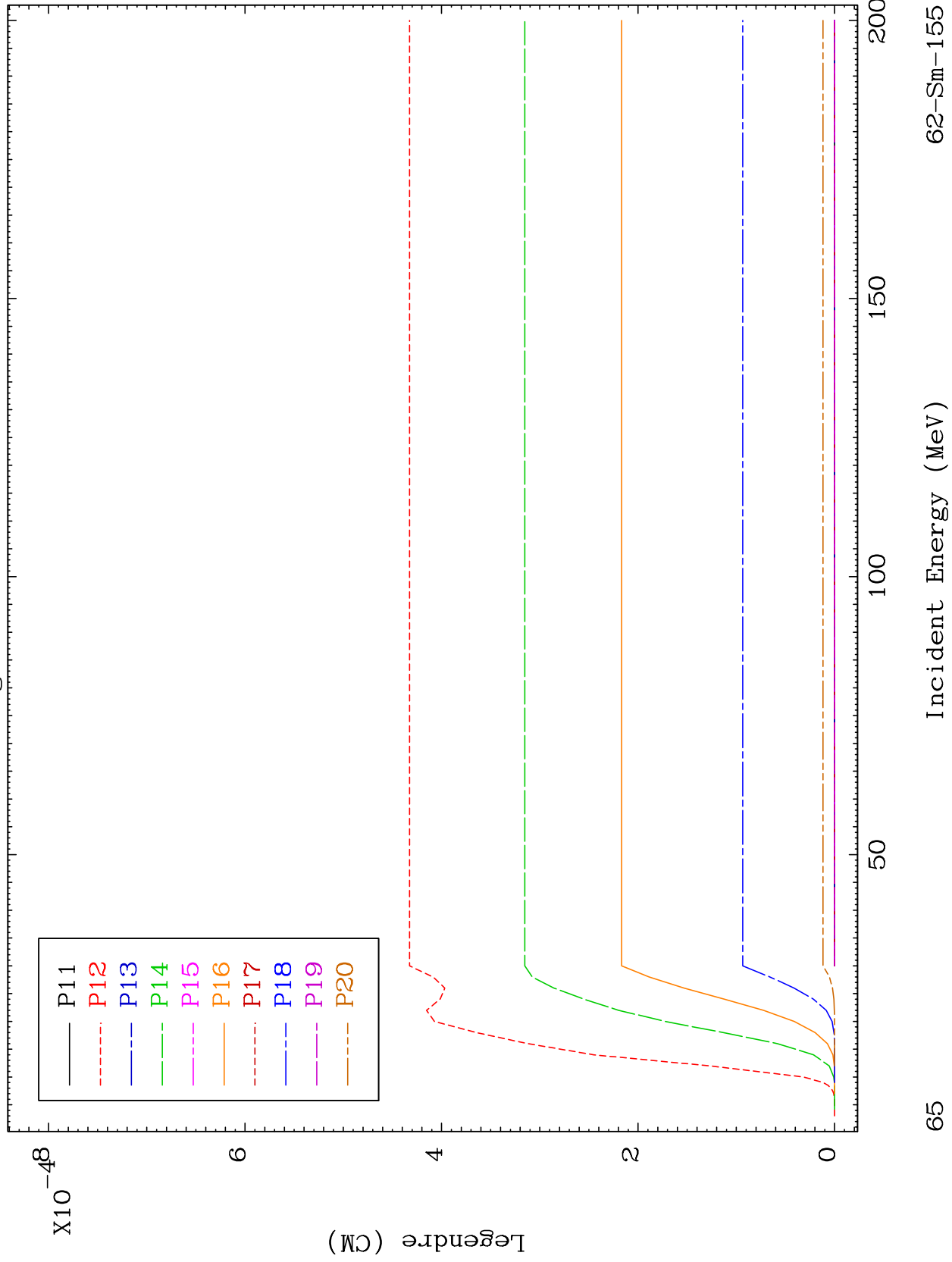




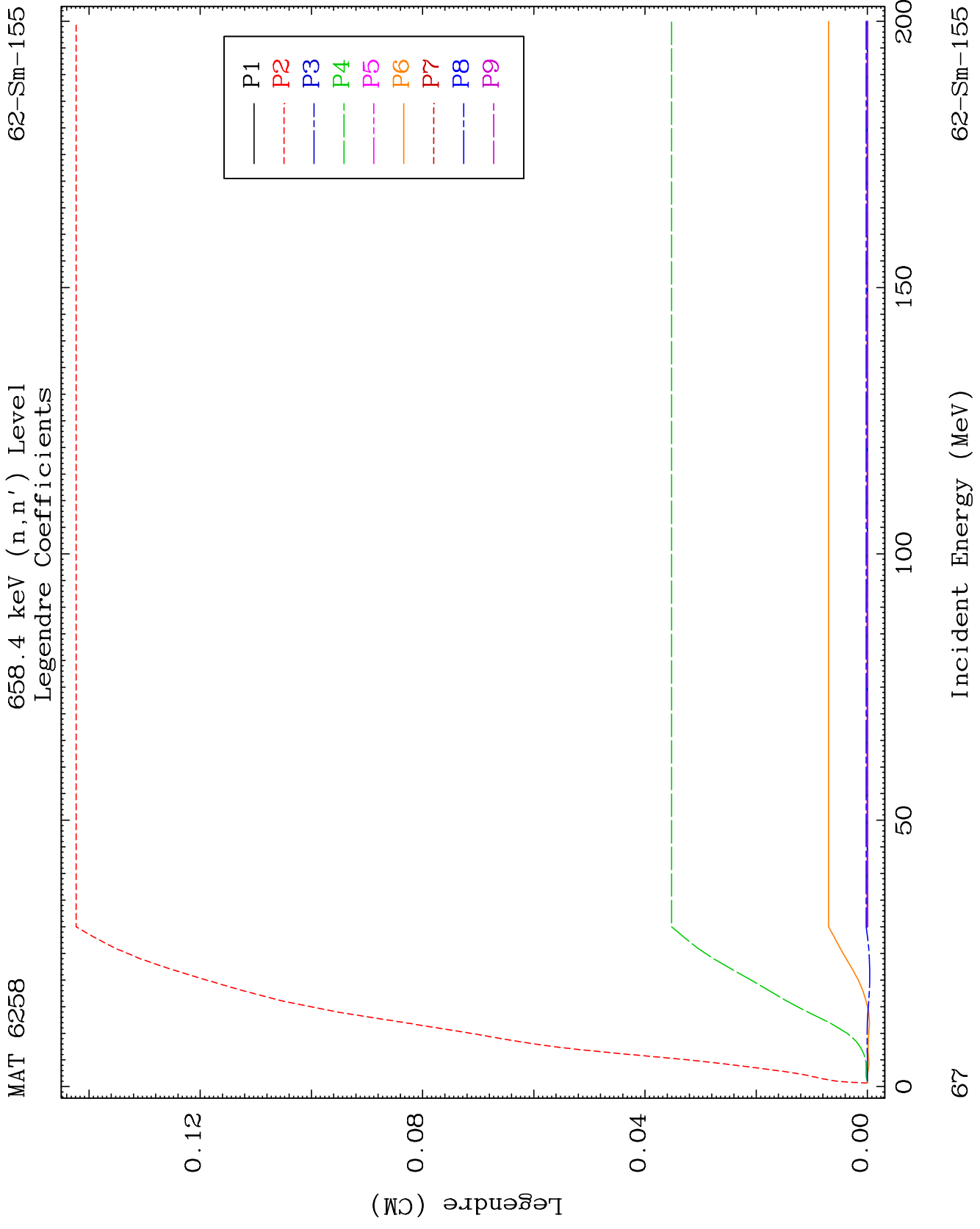
MAT 6258

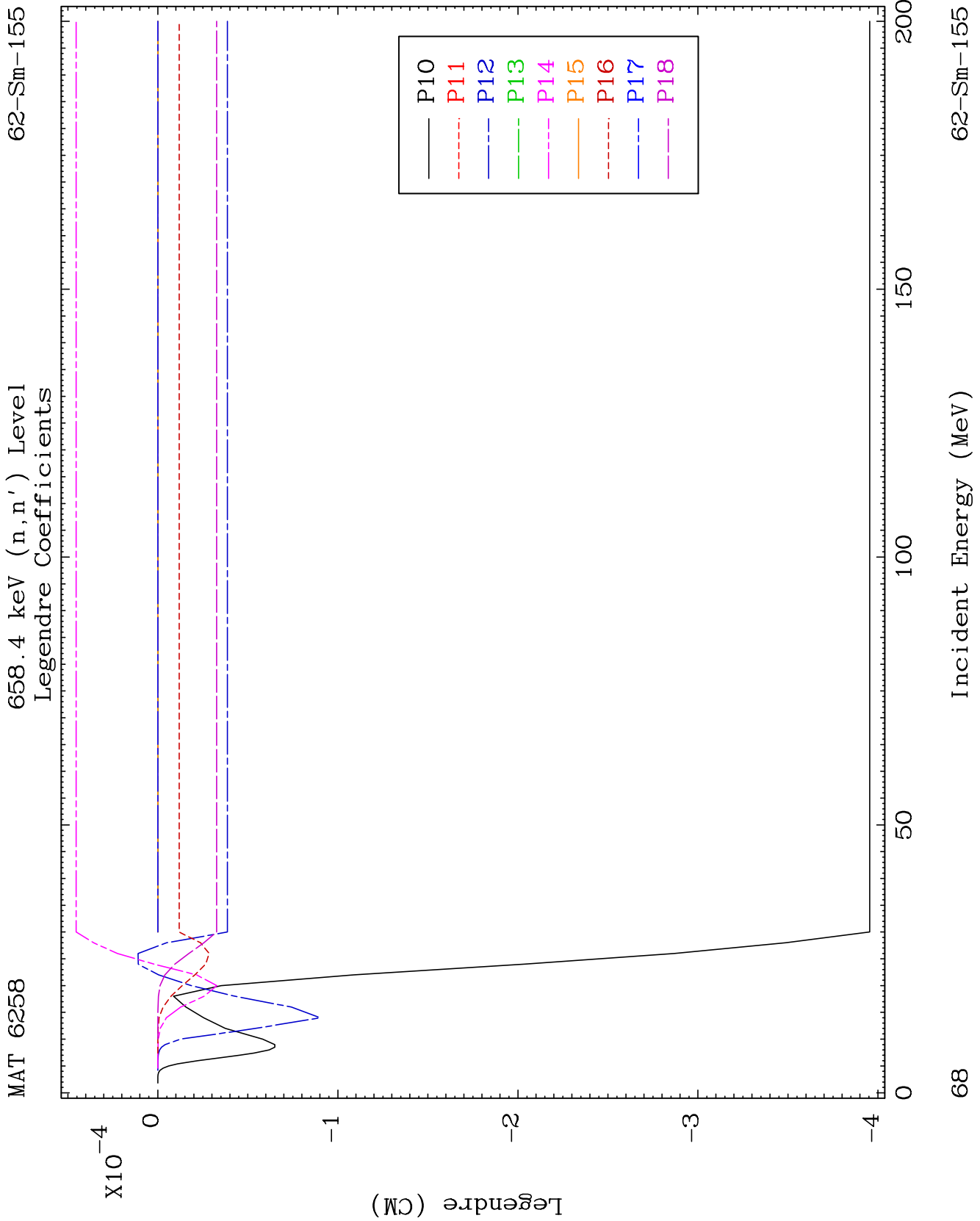
617.5 keV (n,n') Level  
Legendre Coefficients

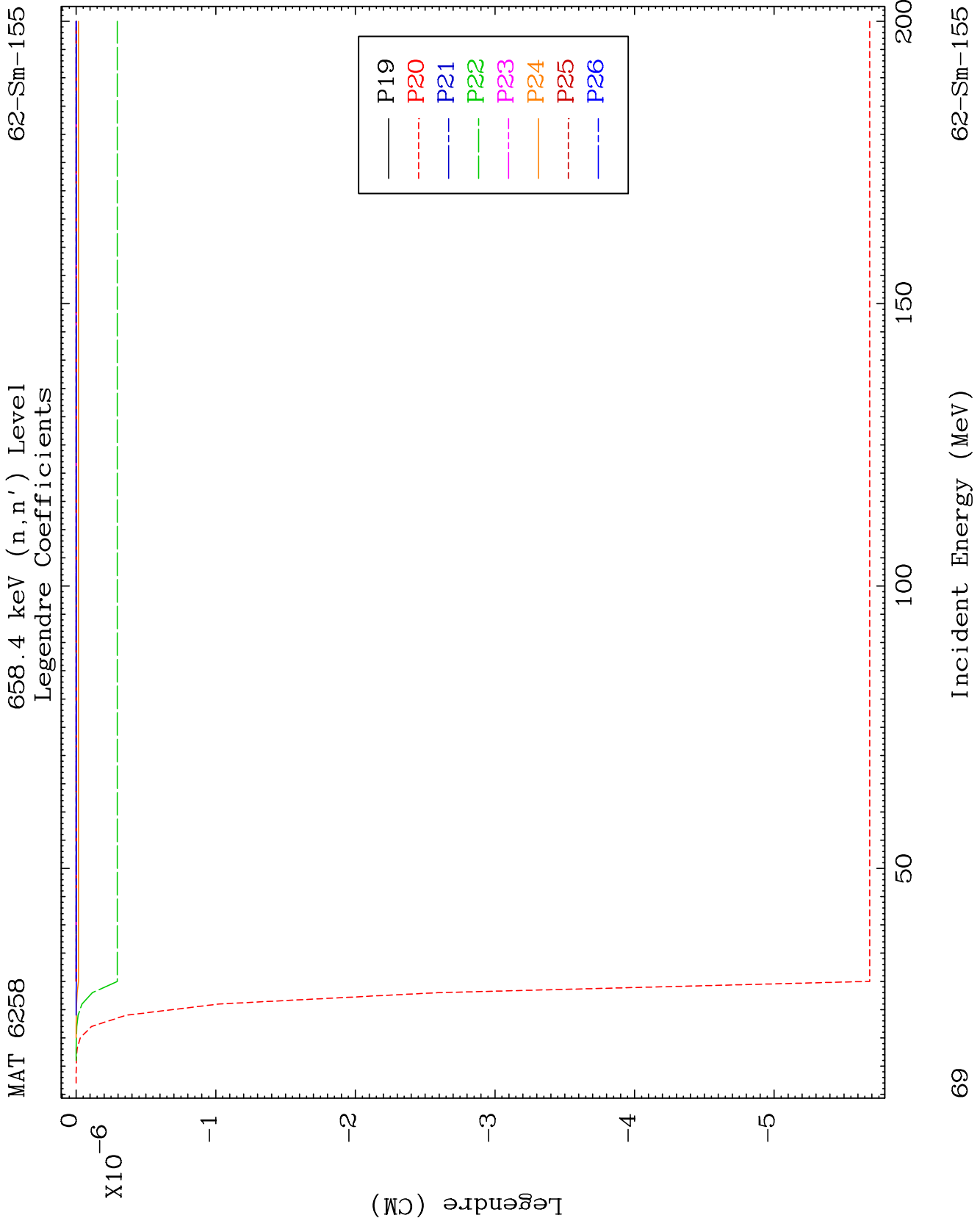
62-Sm-155









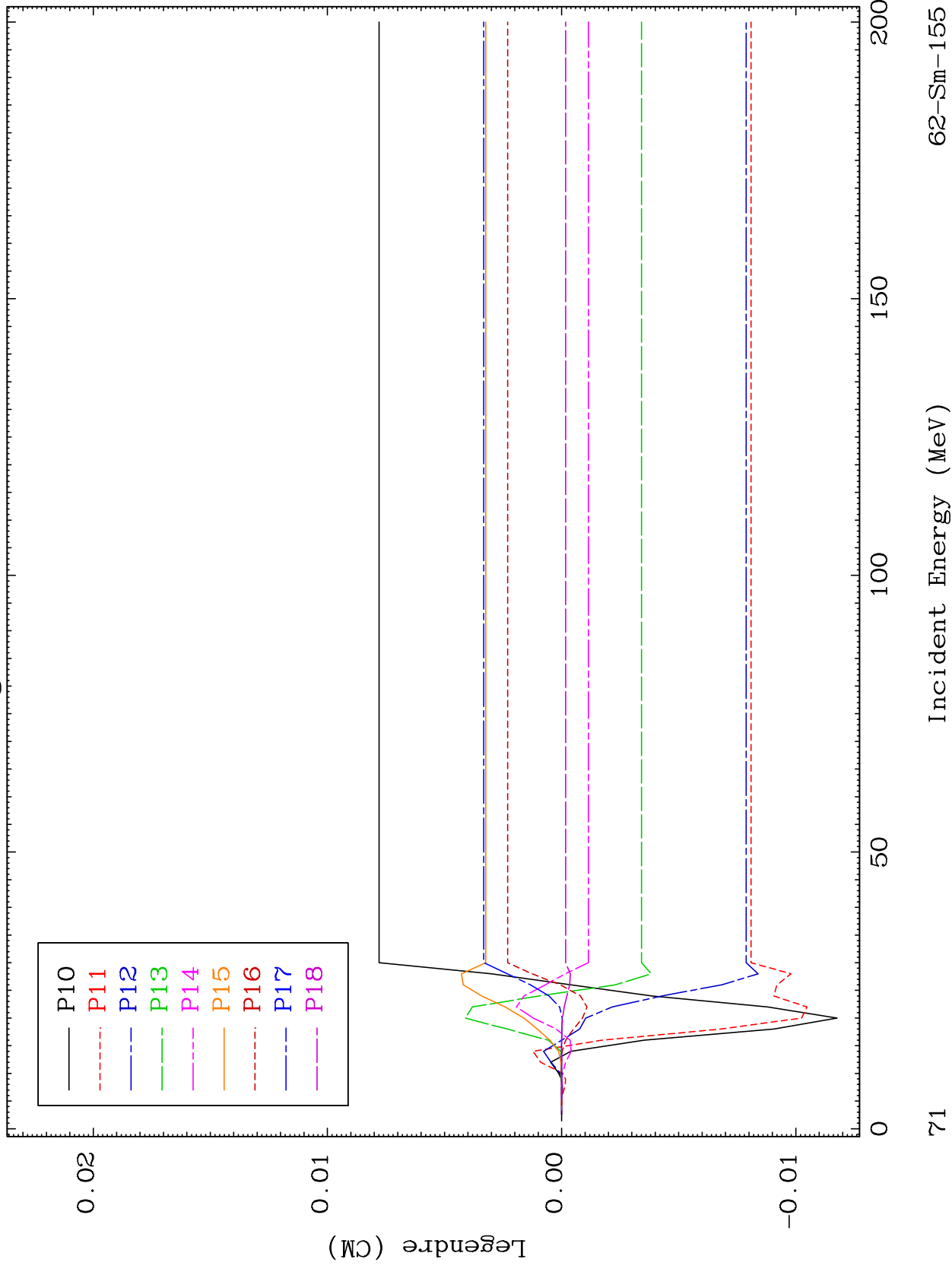




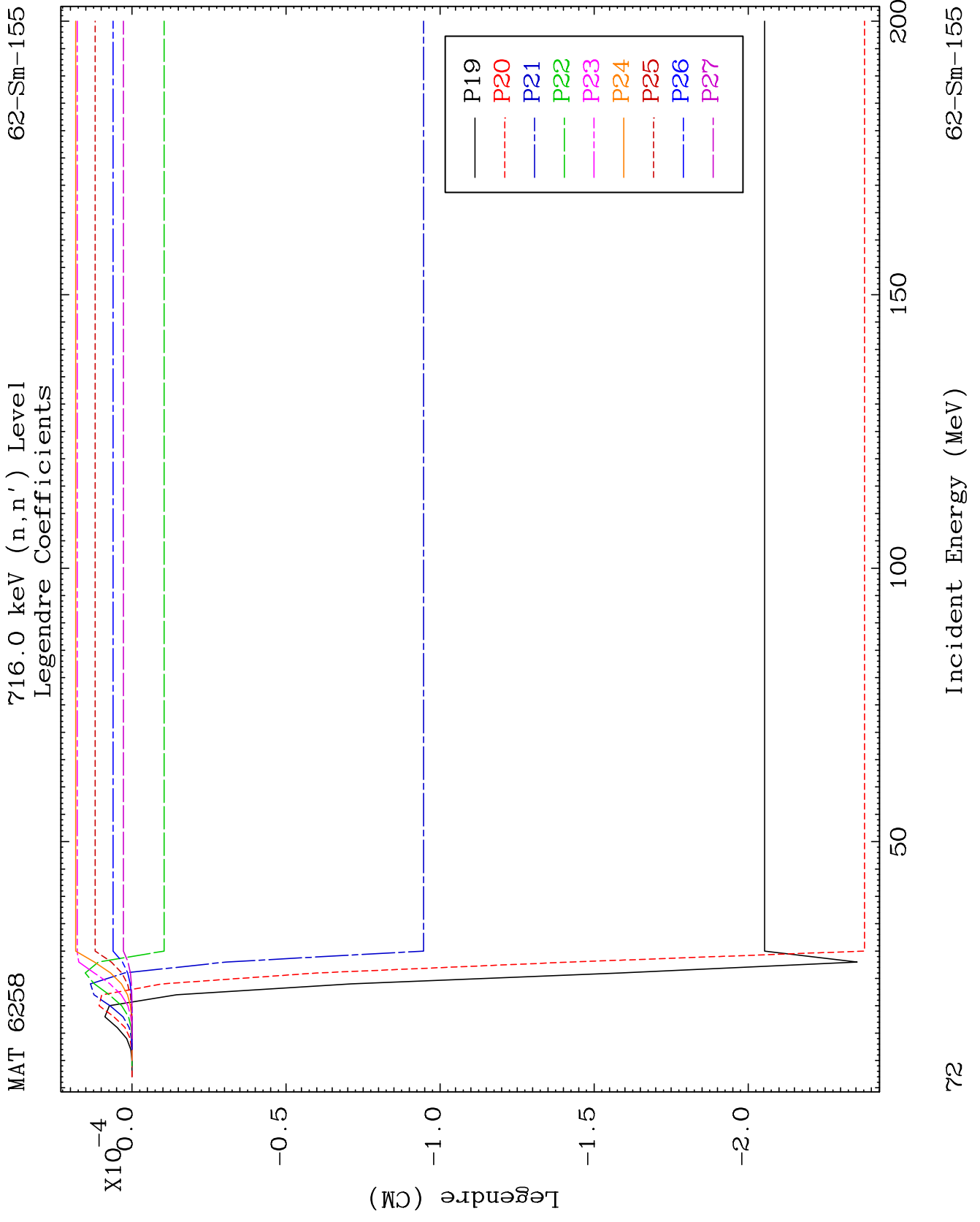
MAT 6258

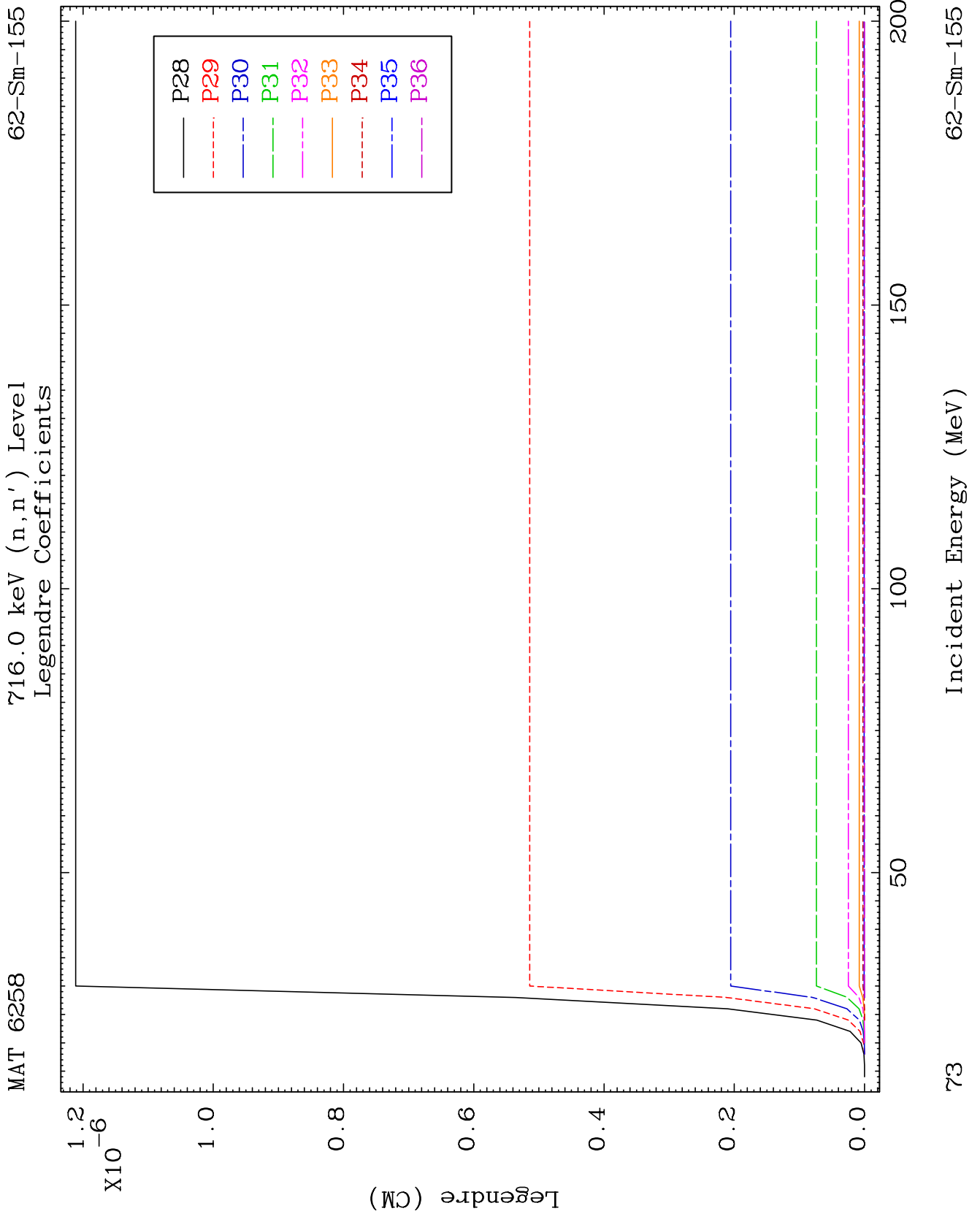
716.0 keV (n,n') Level  
Legendre Coefficients

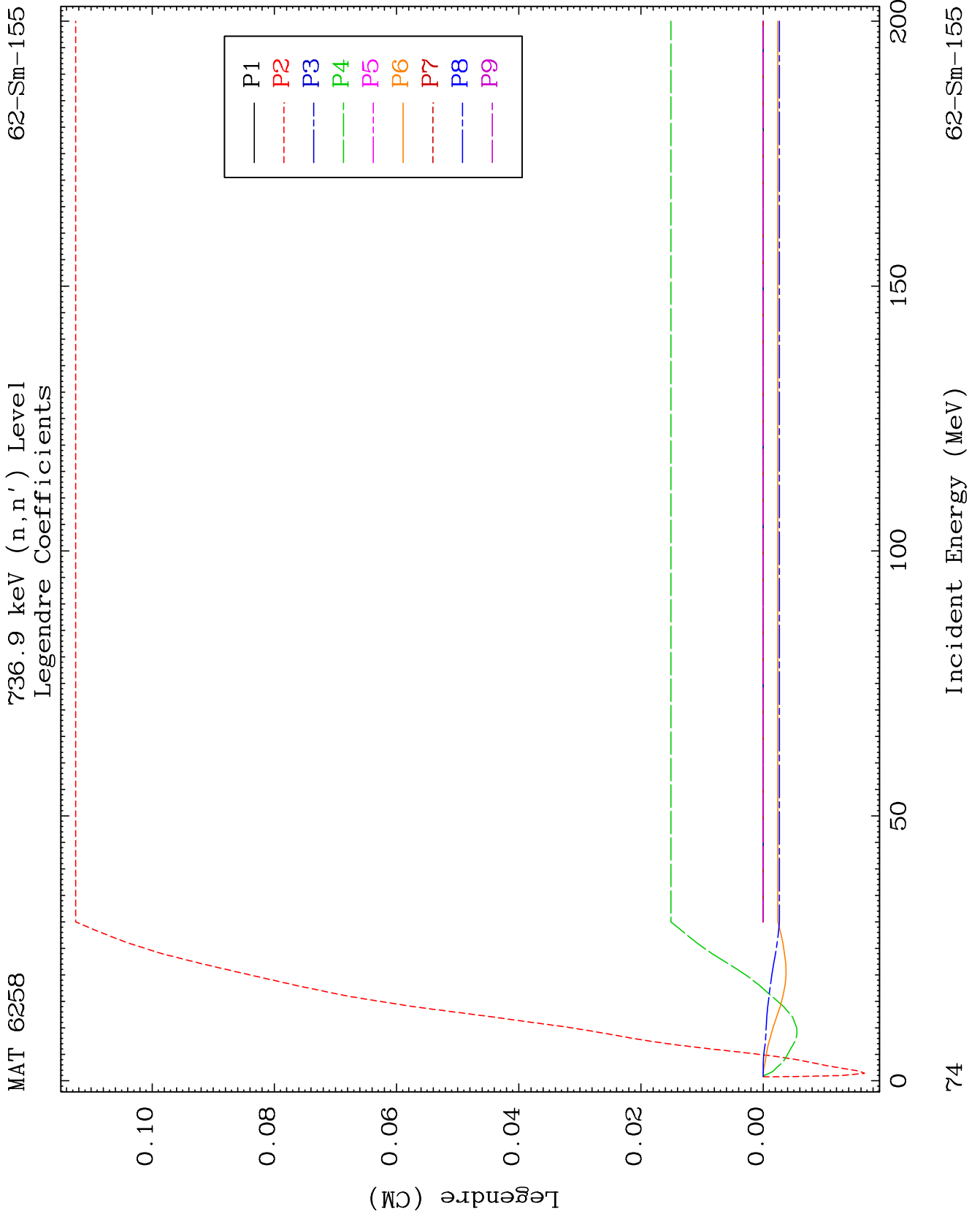
62-Sm-155

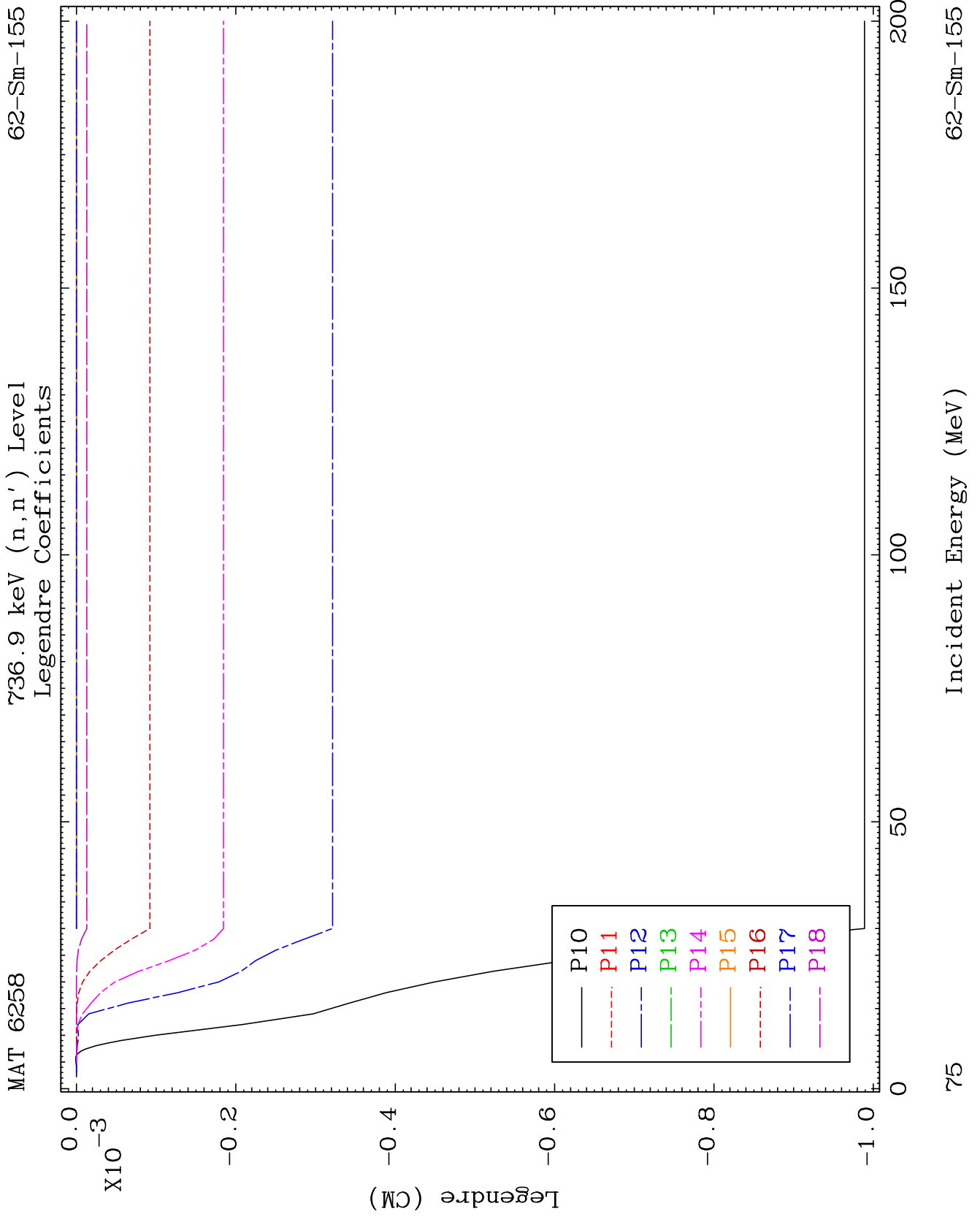


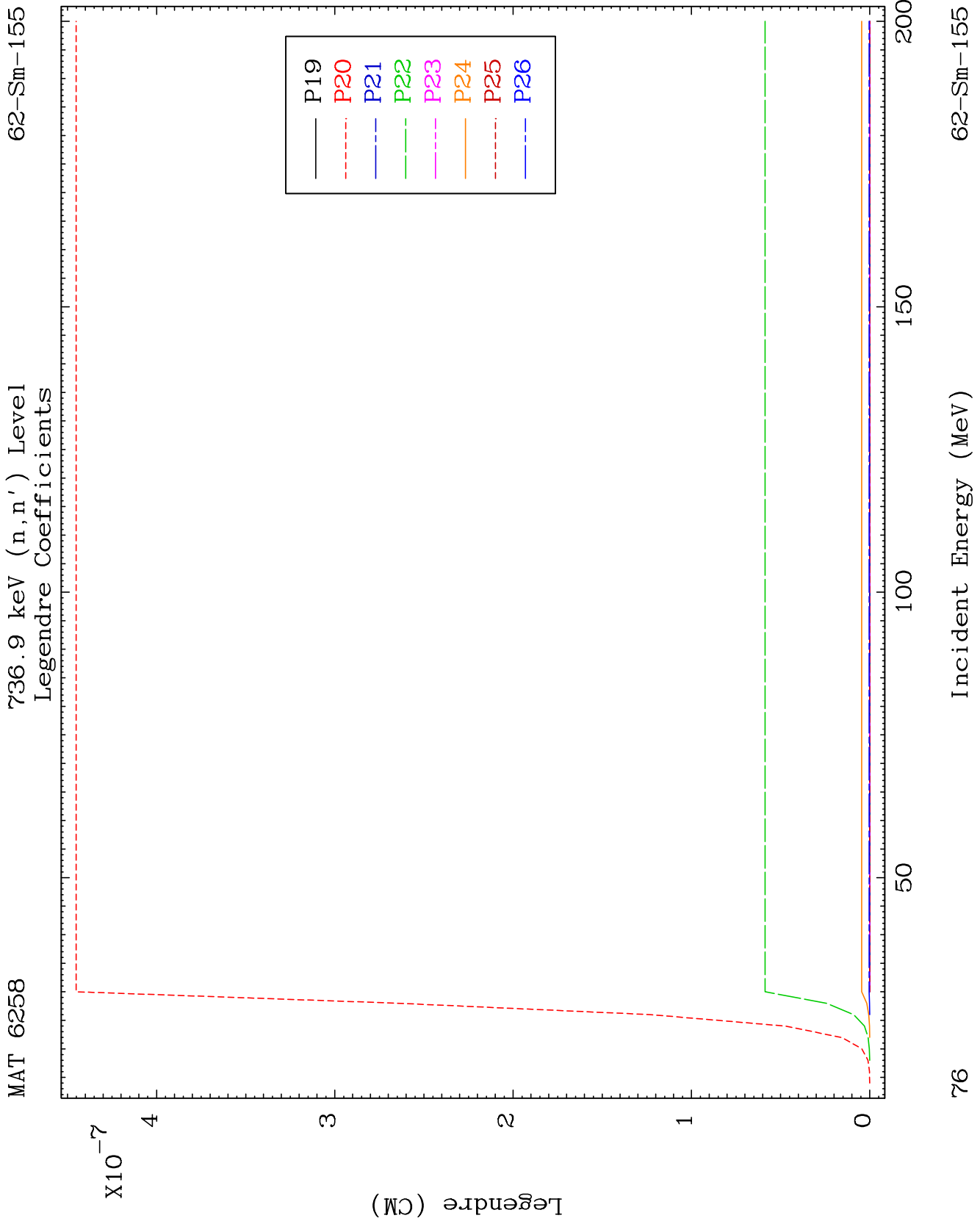


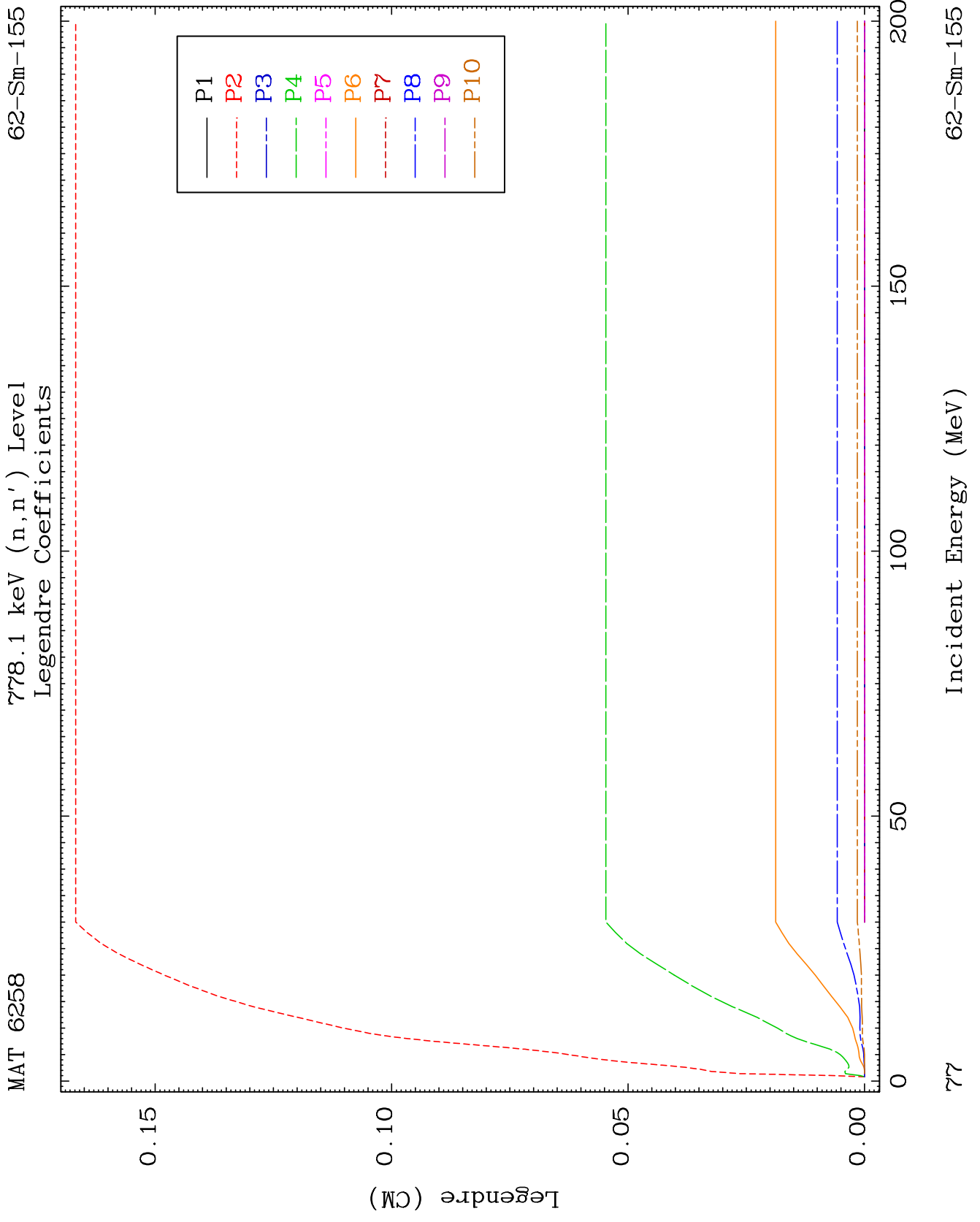








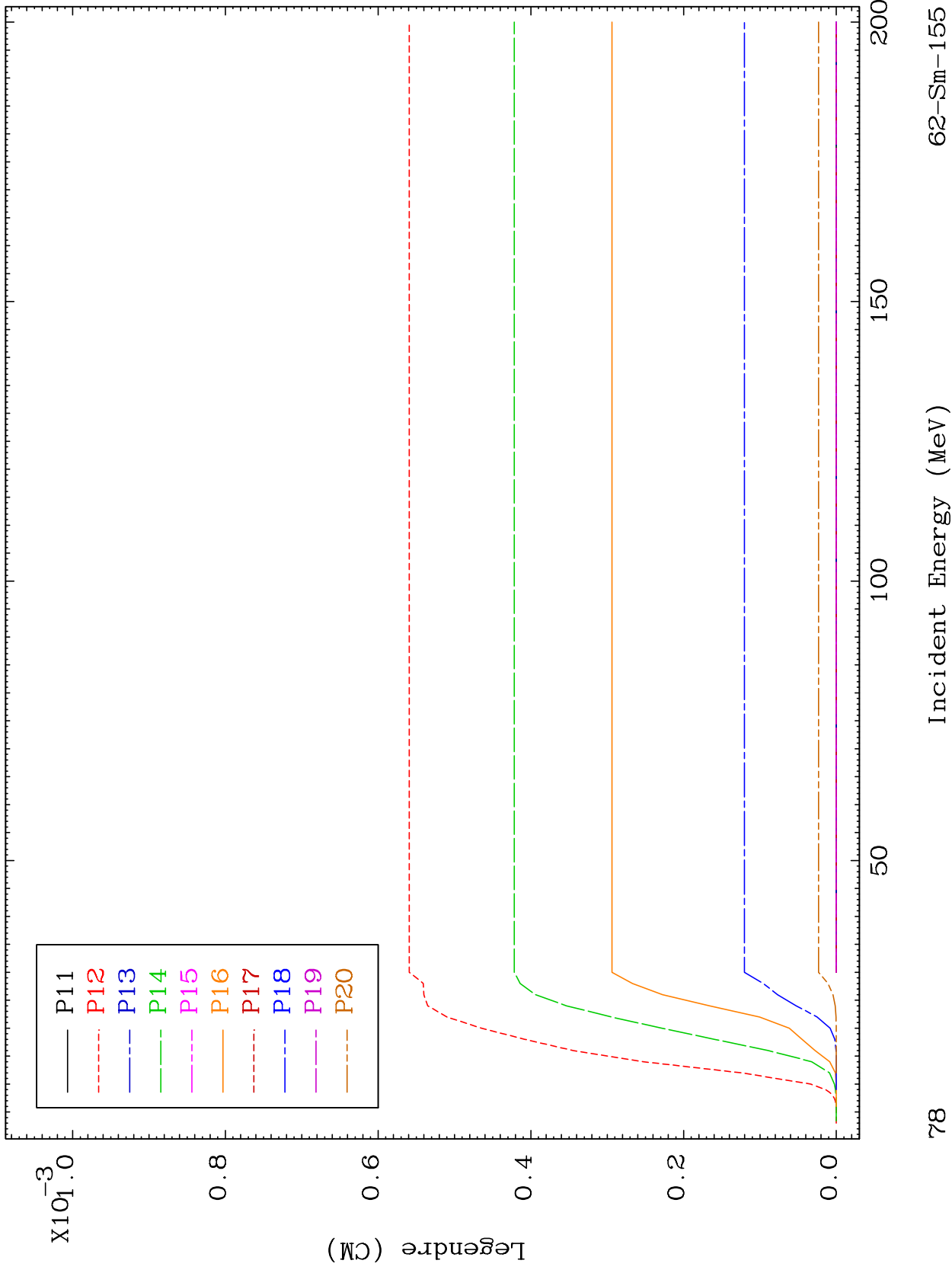




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778.1 keV (n,n') Level  
Legendre Coefficients

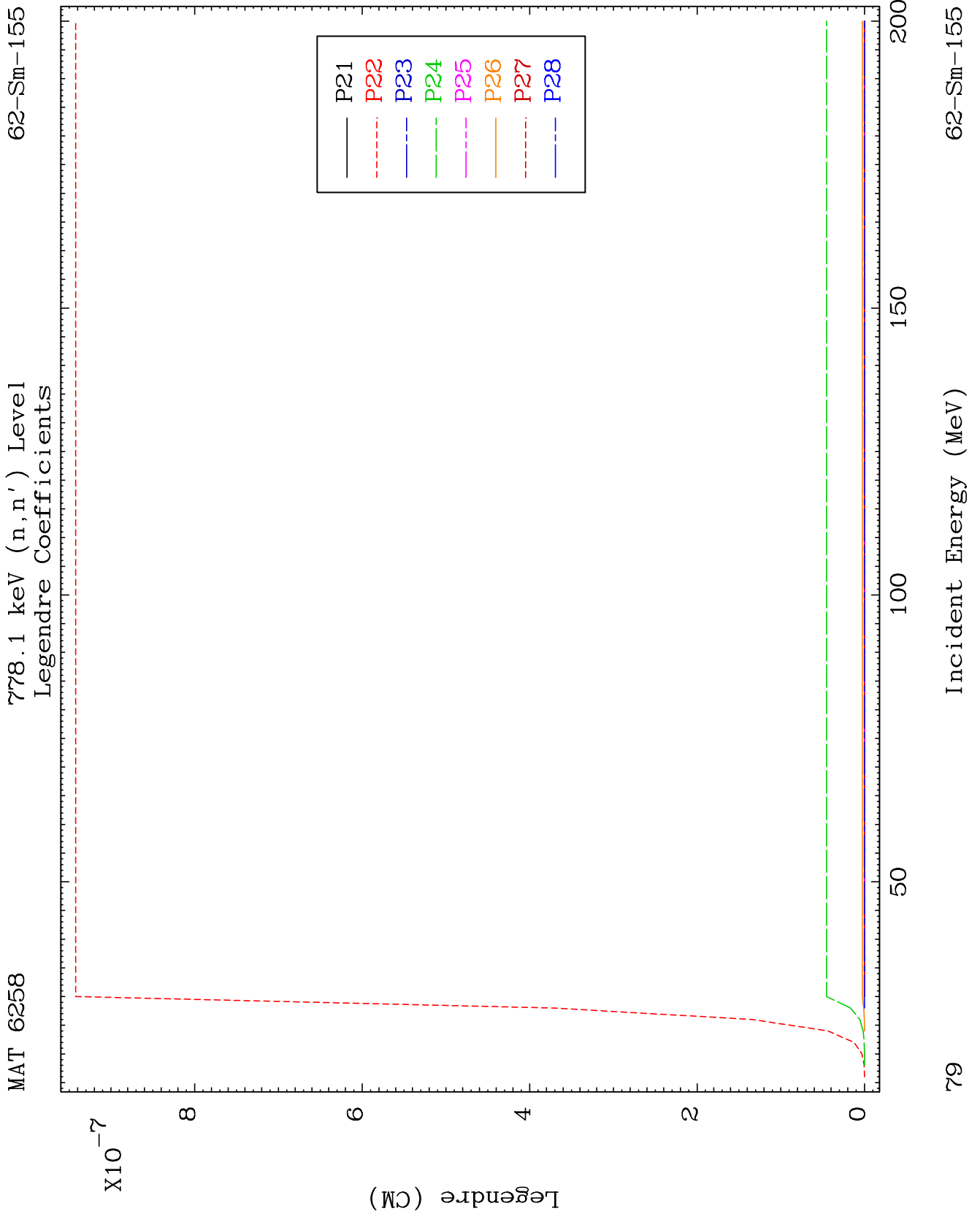
62-Sm-155



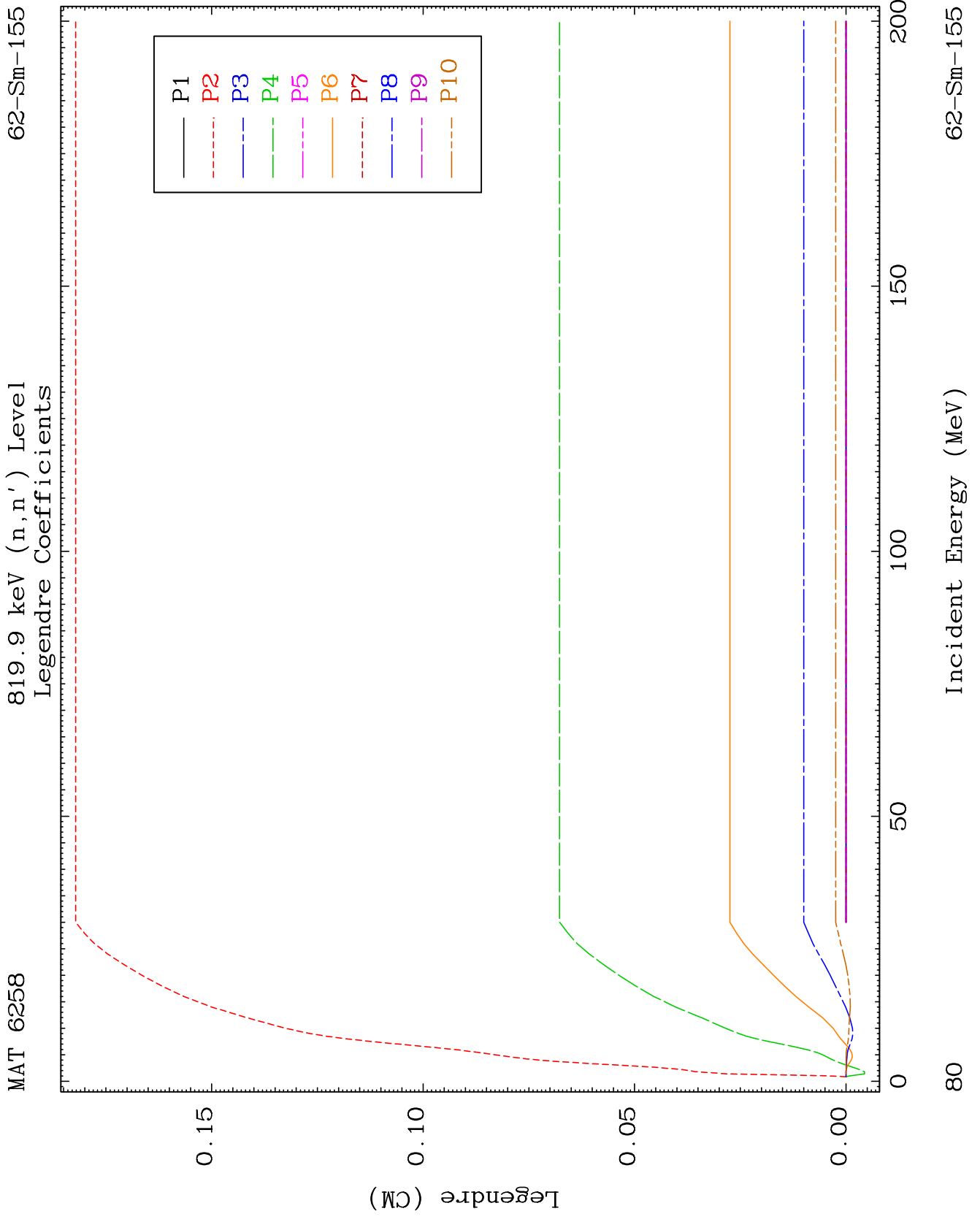
78

Incident Energy (MeV)

62-Sm-155



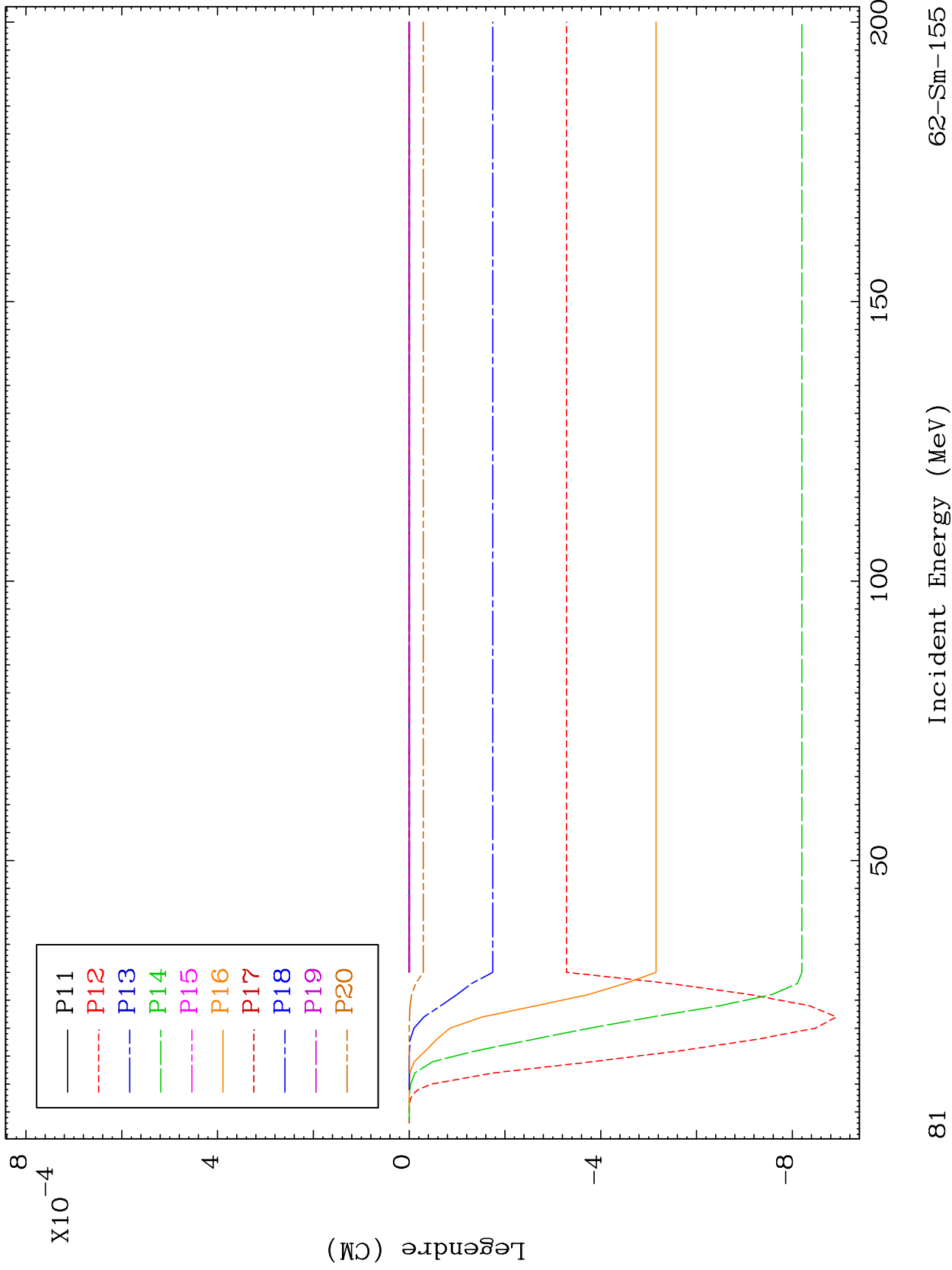


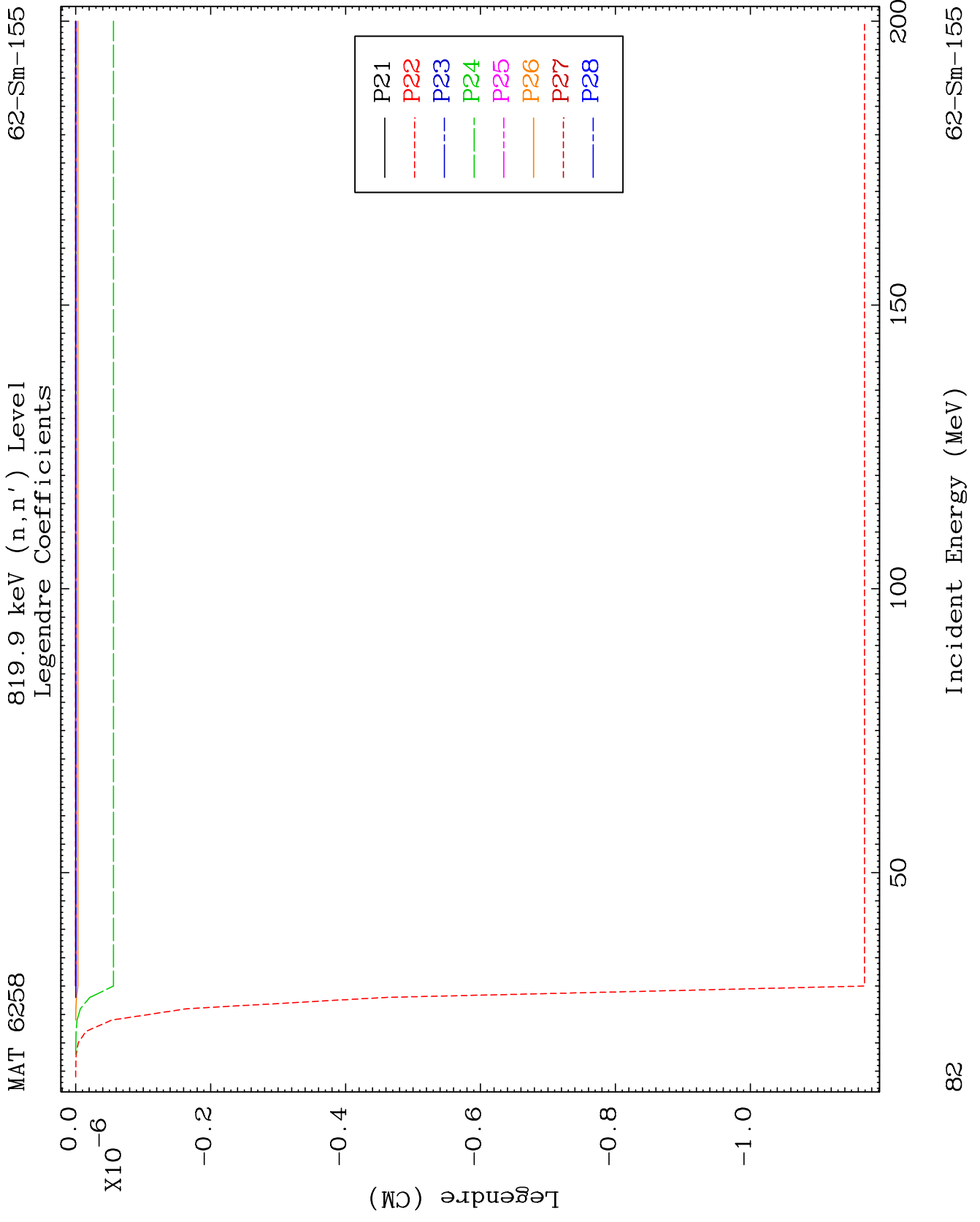


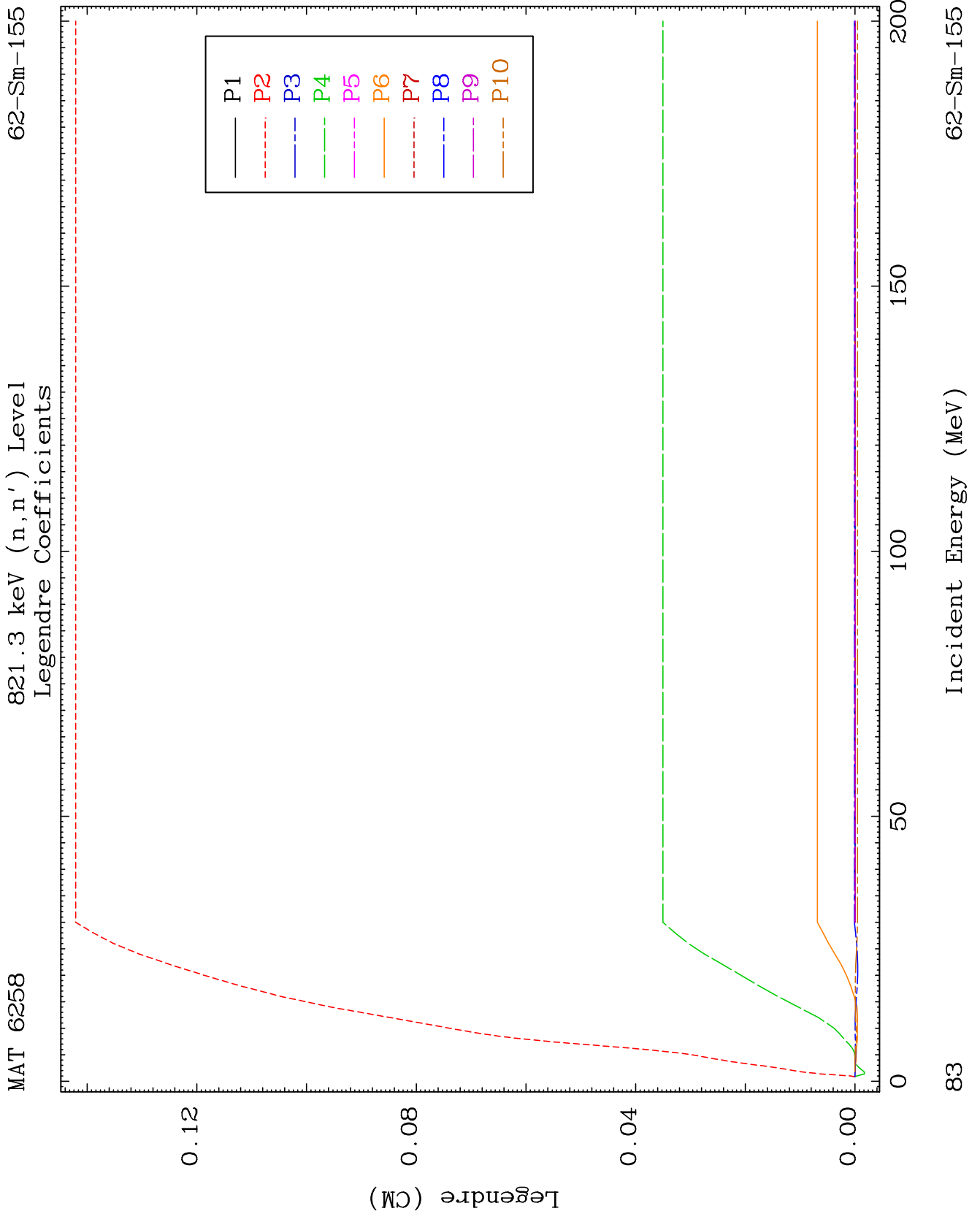
MAT 6258

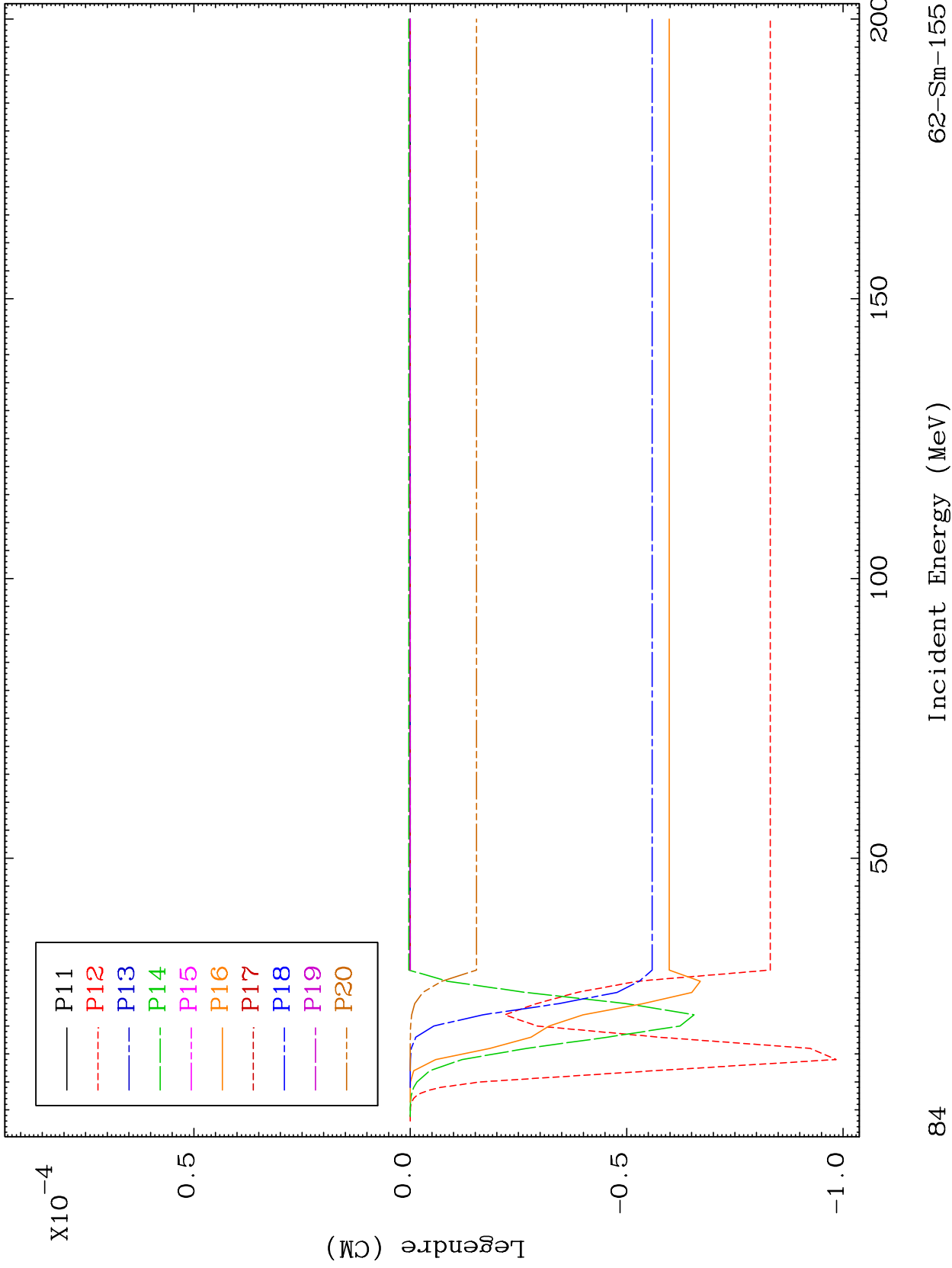
819.9 keV (n,n') Level  
Legendre Coefficients

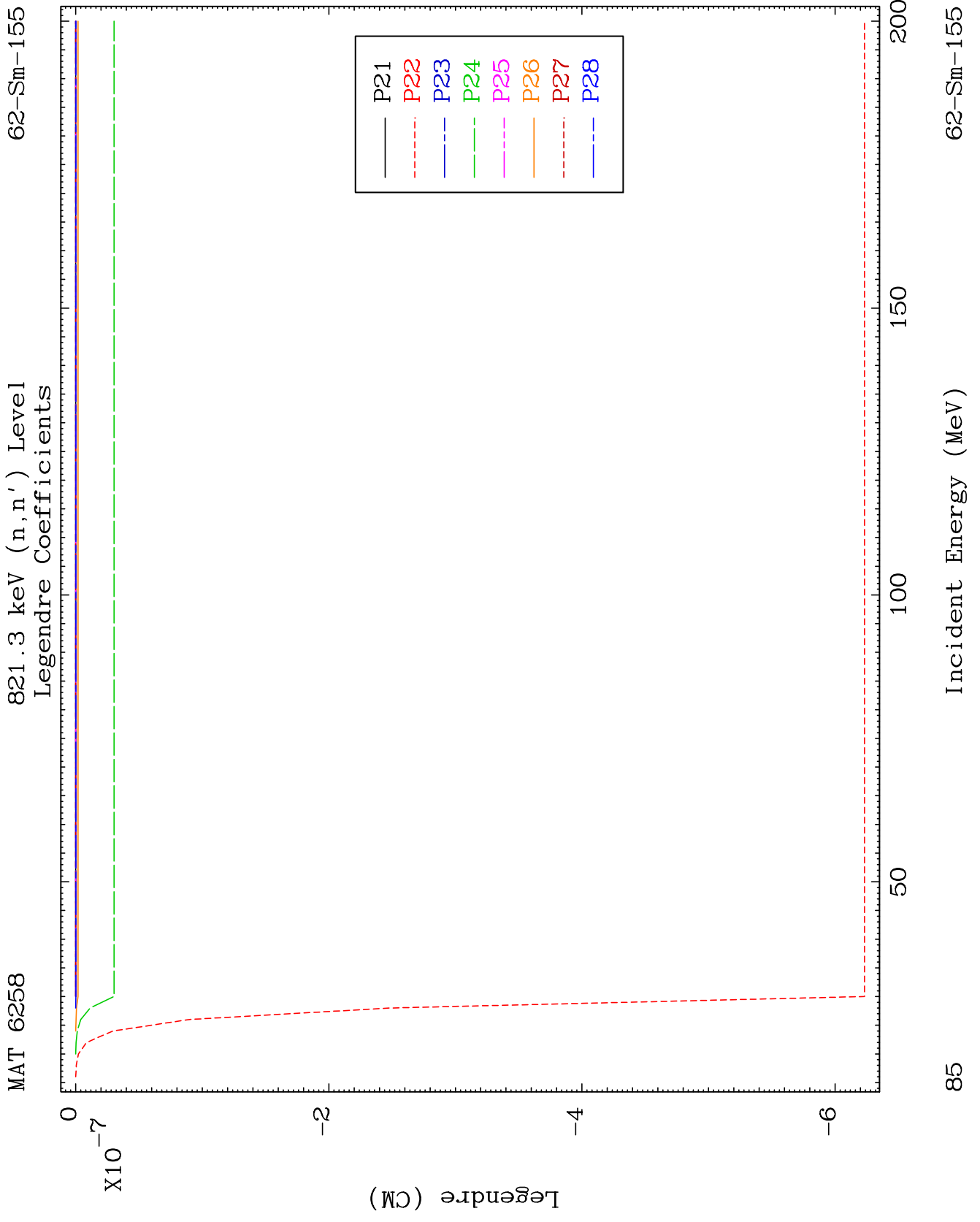
62-Sm-155

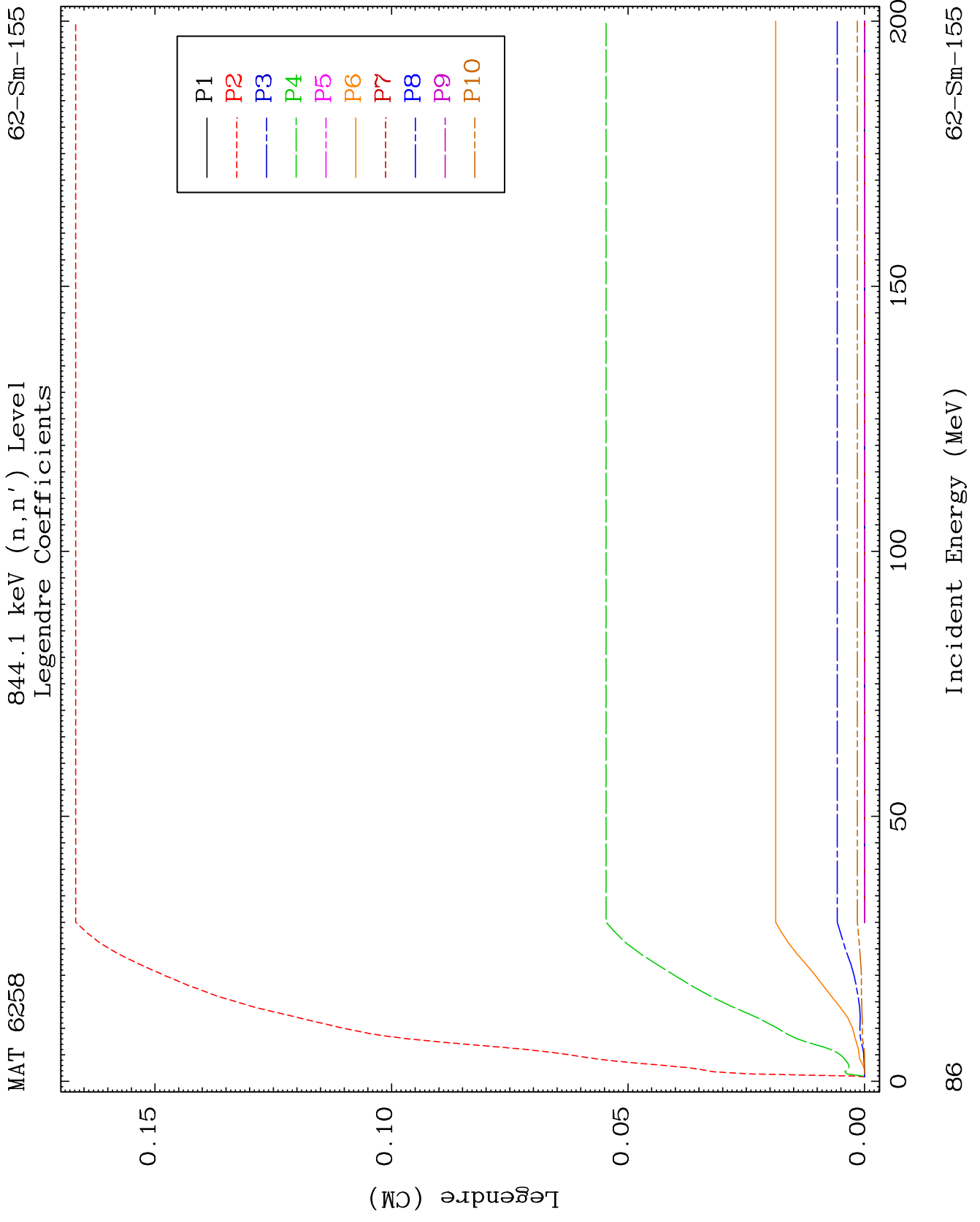


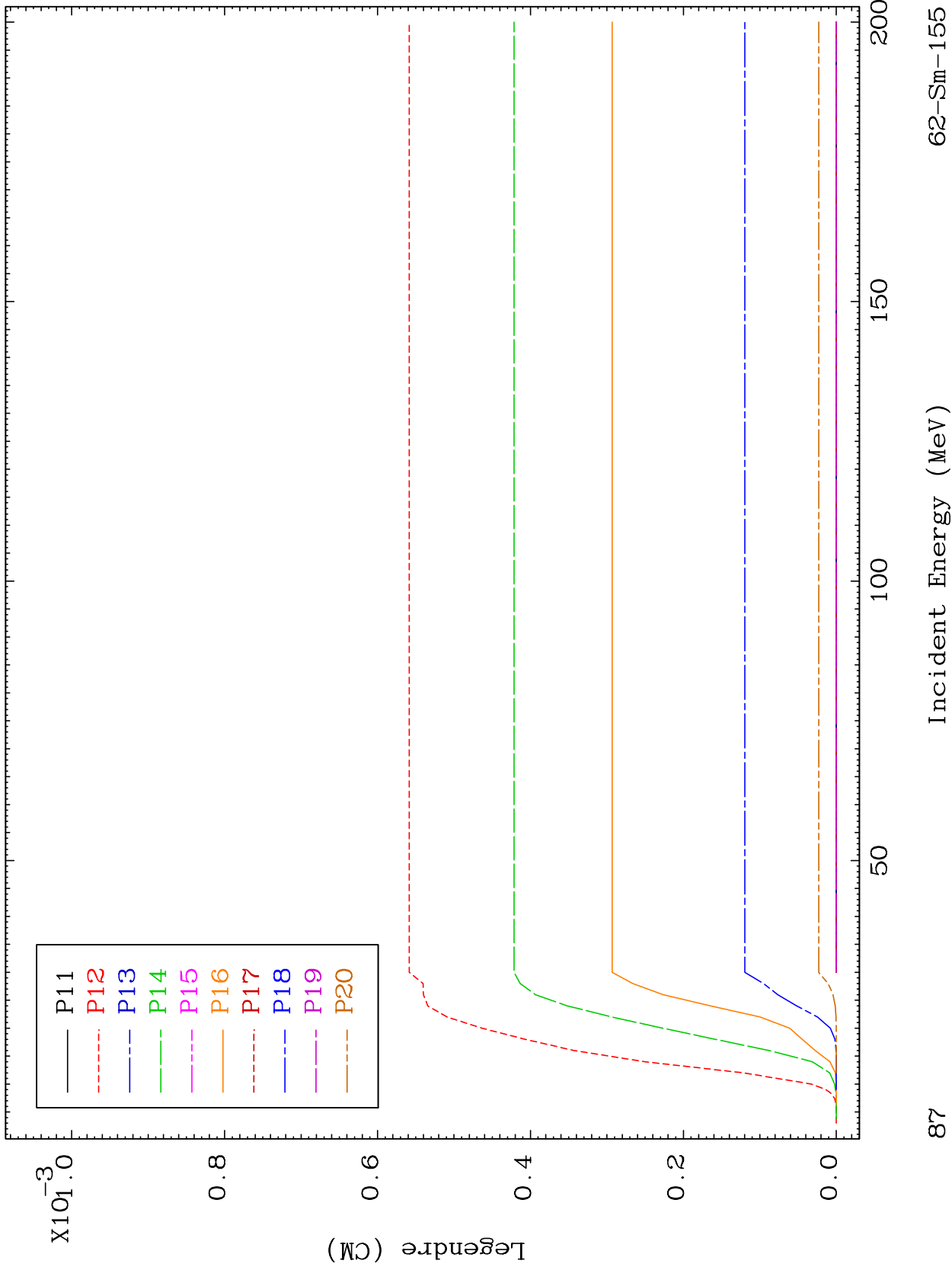




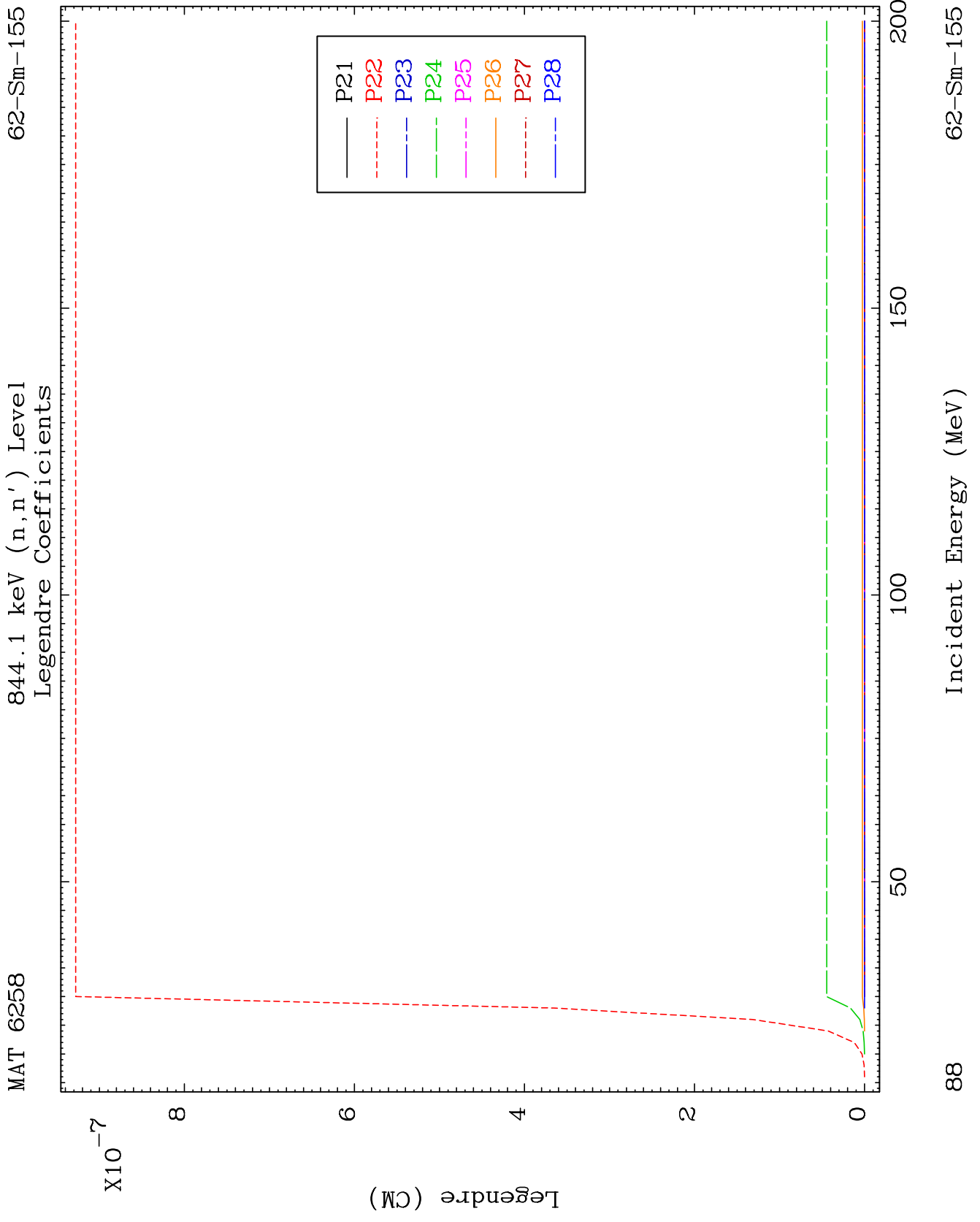


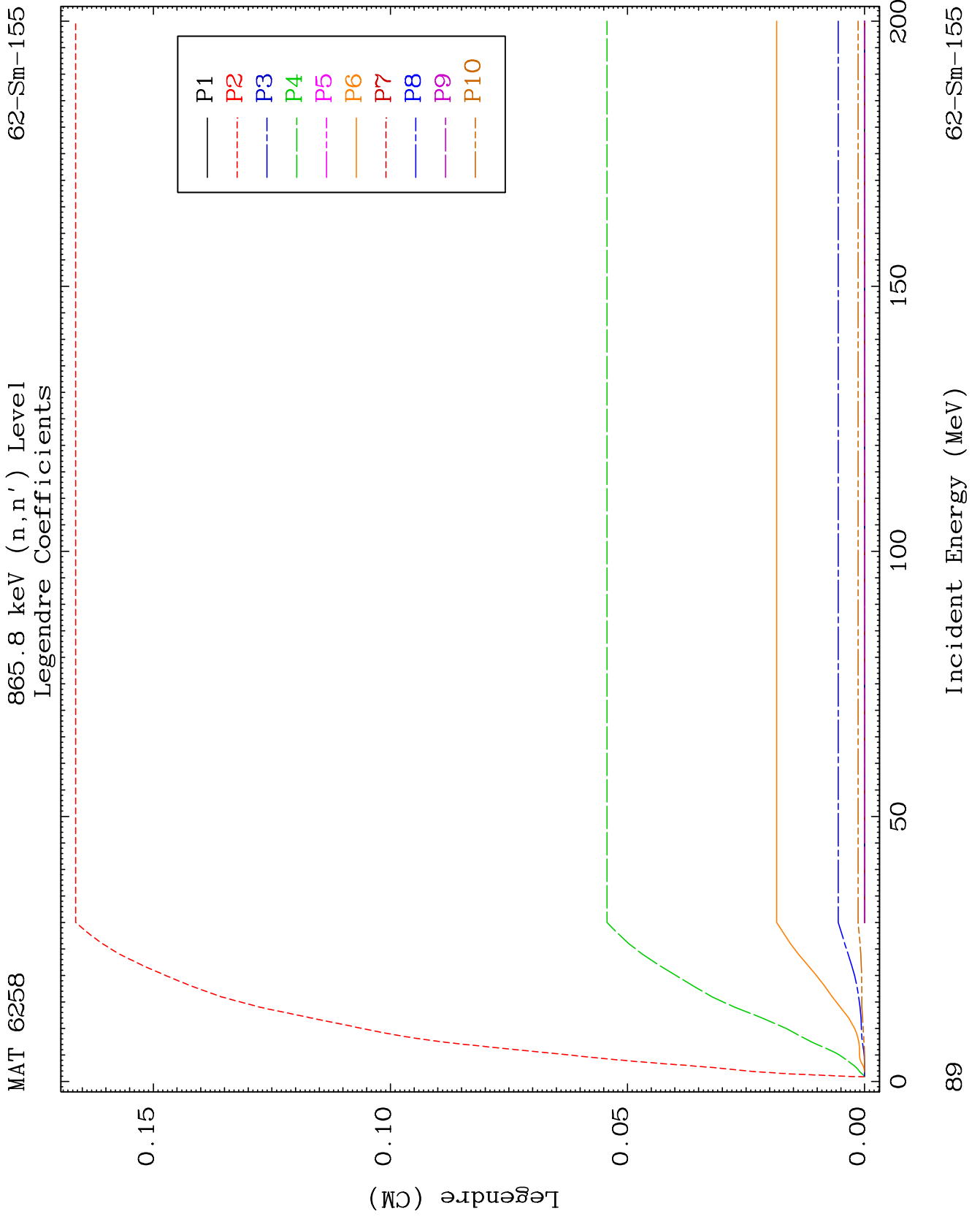








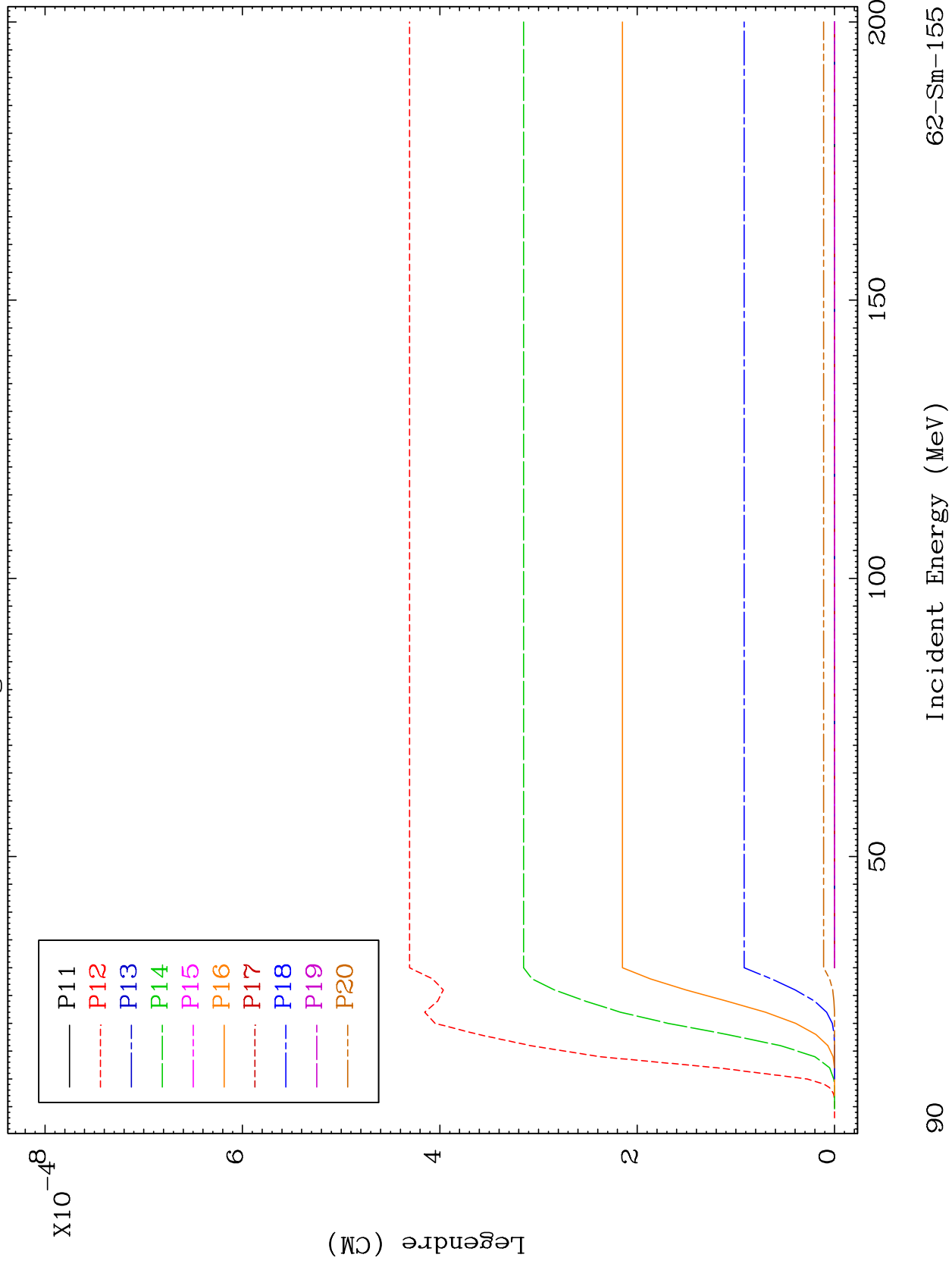


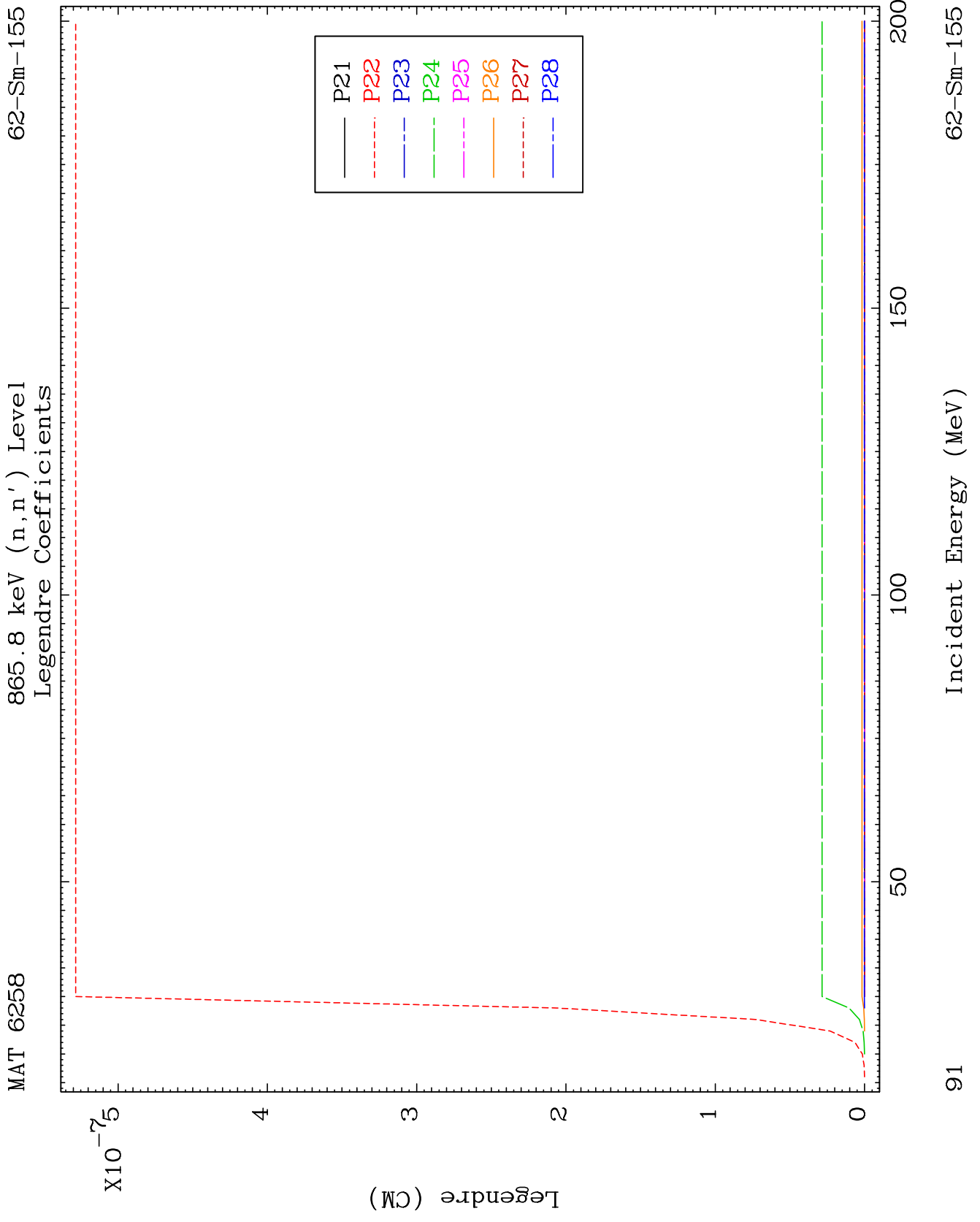


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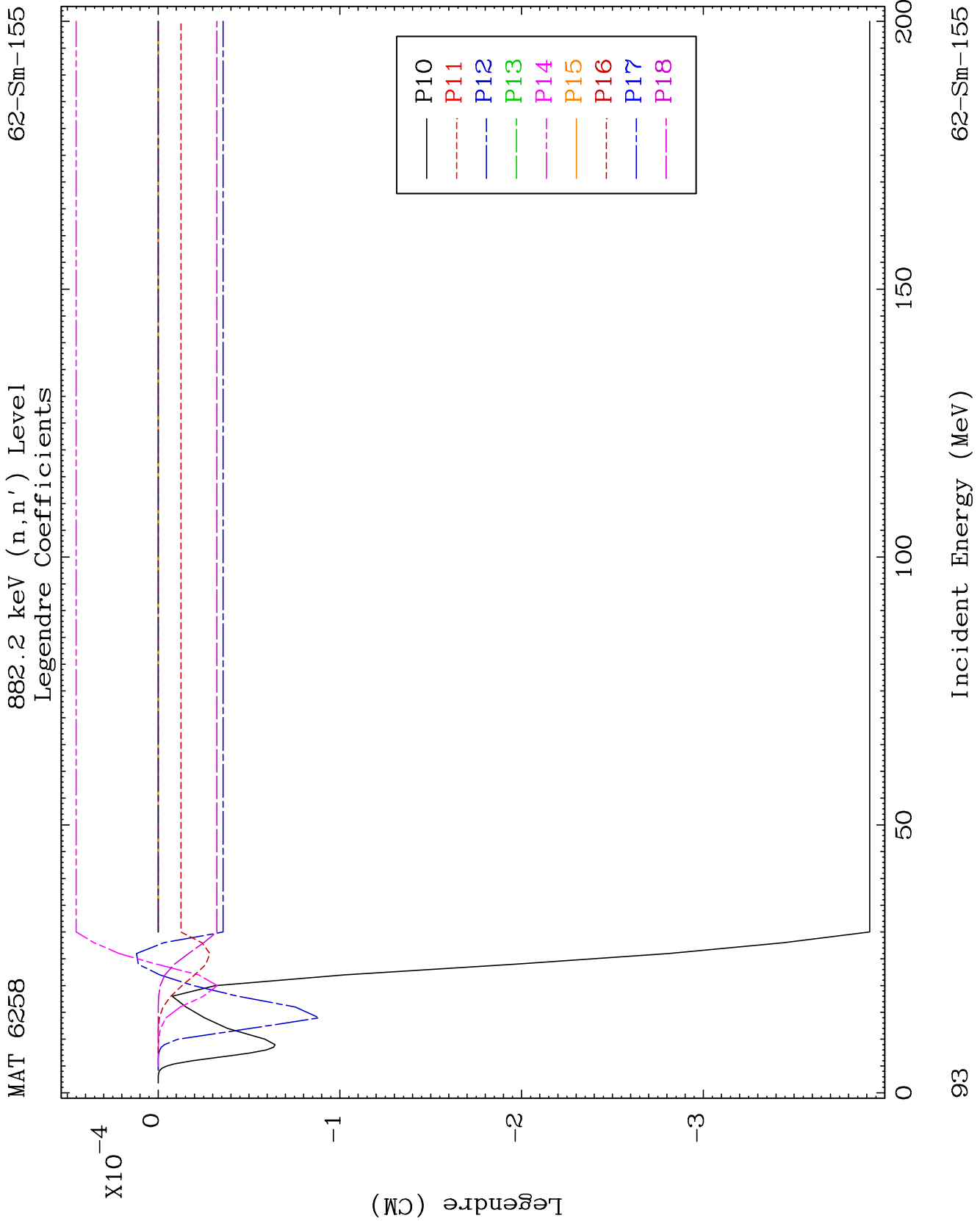
865.8 keV (n,n') Level  
Legendre Coefficients

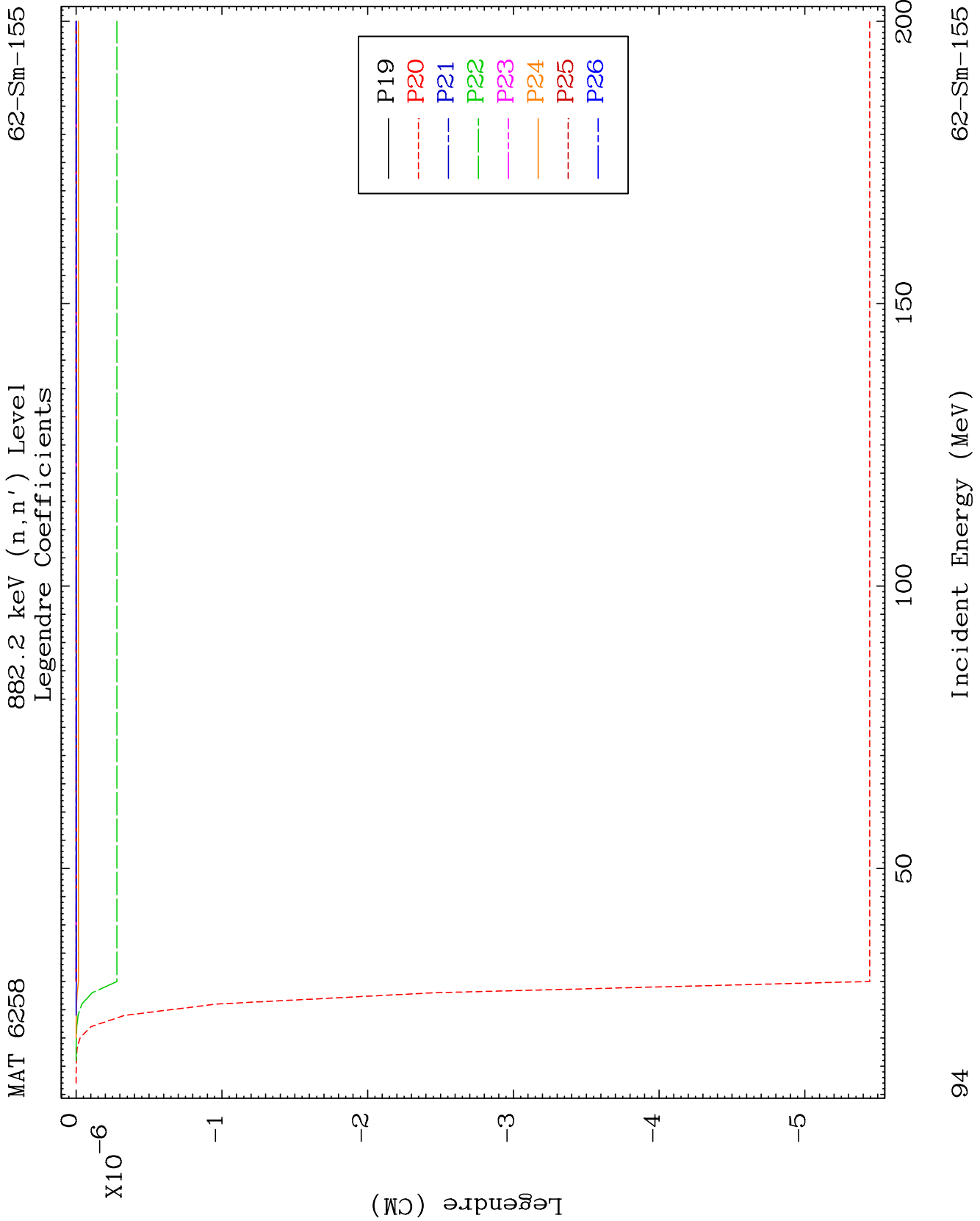
62-Sm-155

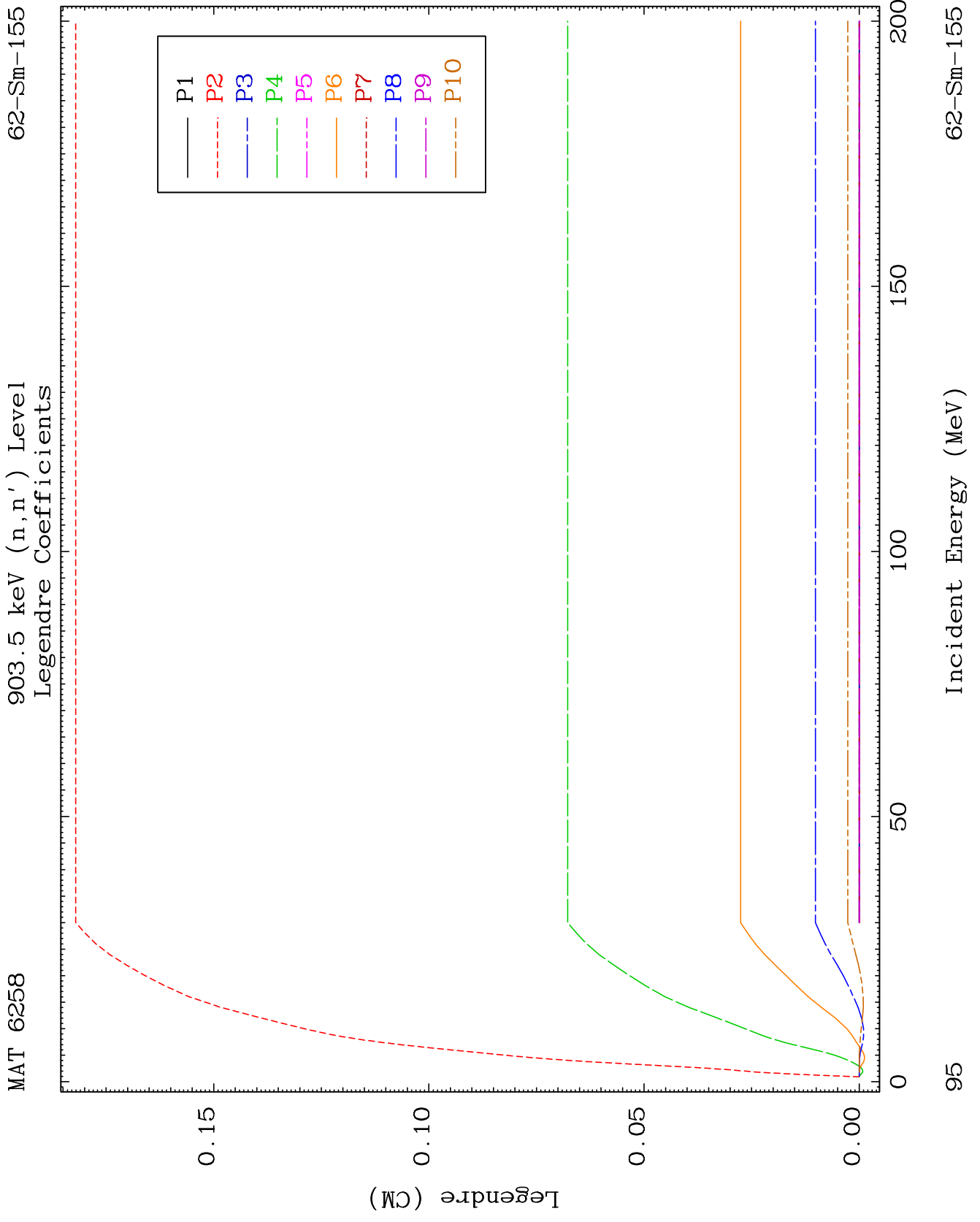










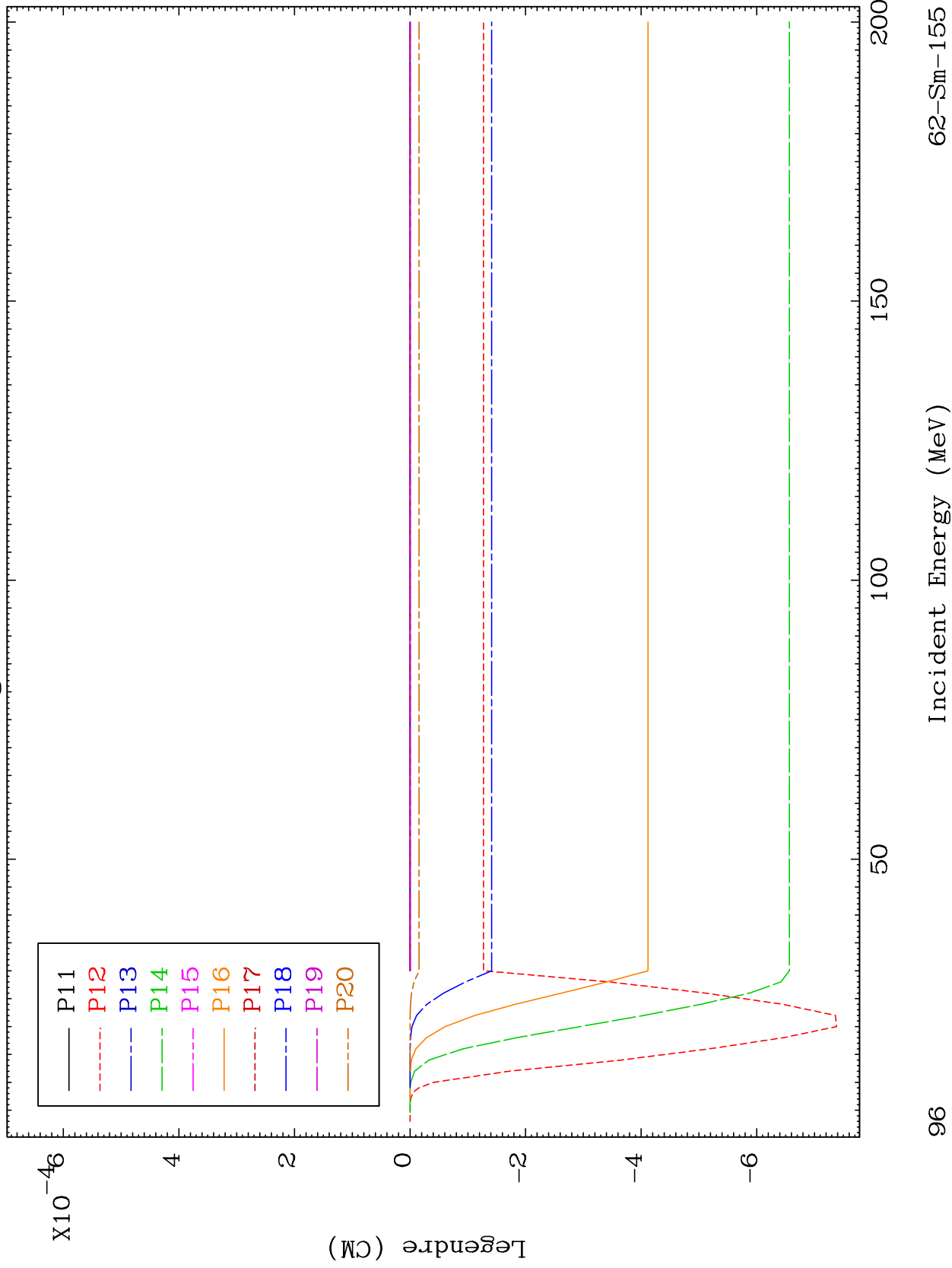




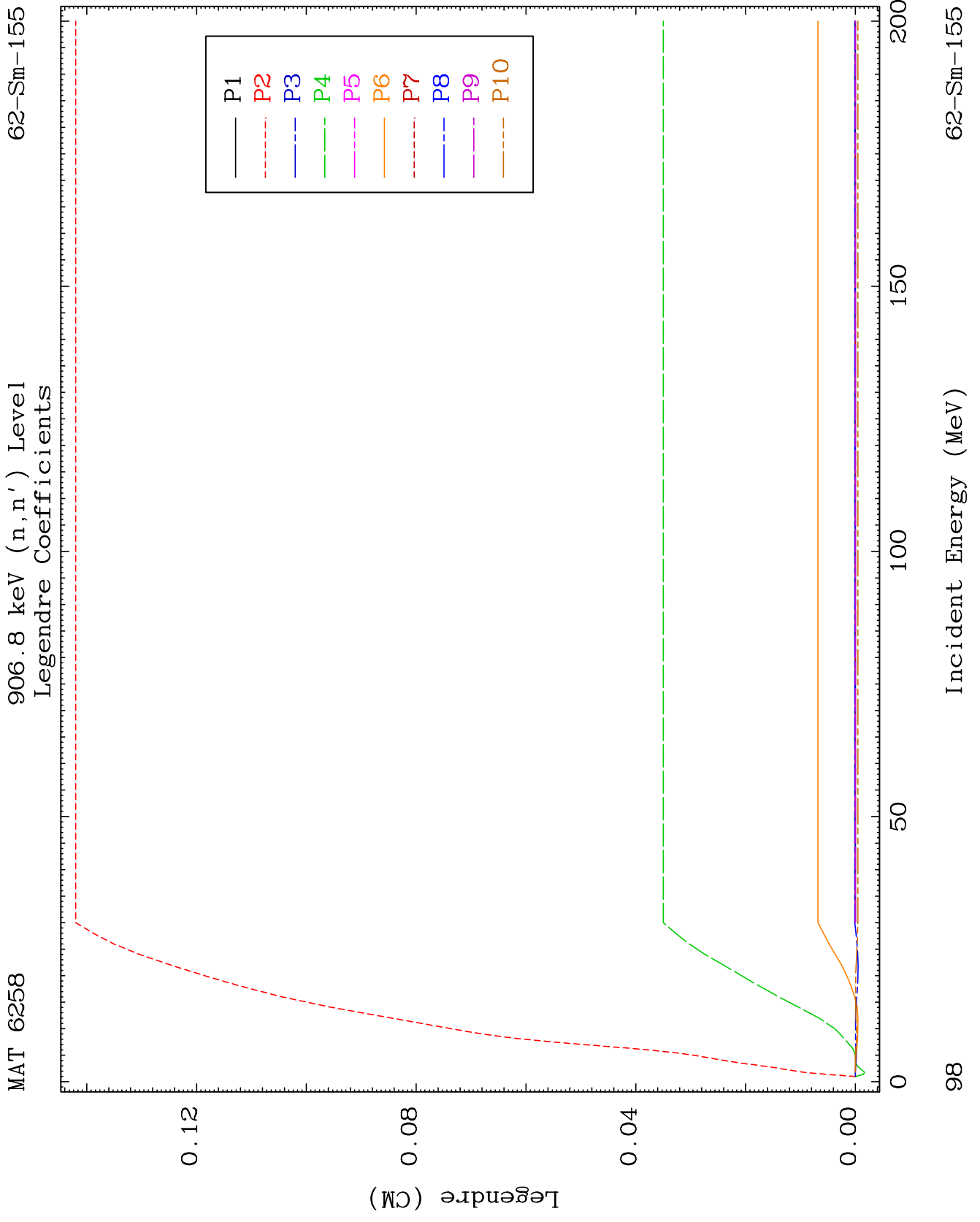
MAT 6258

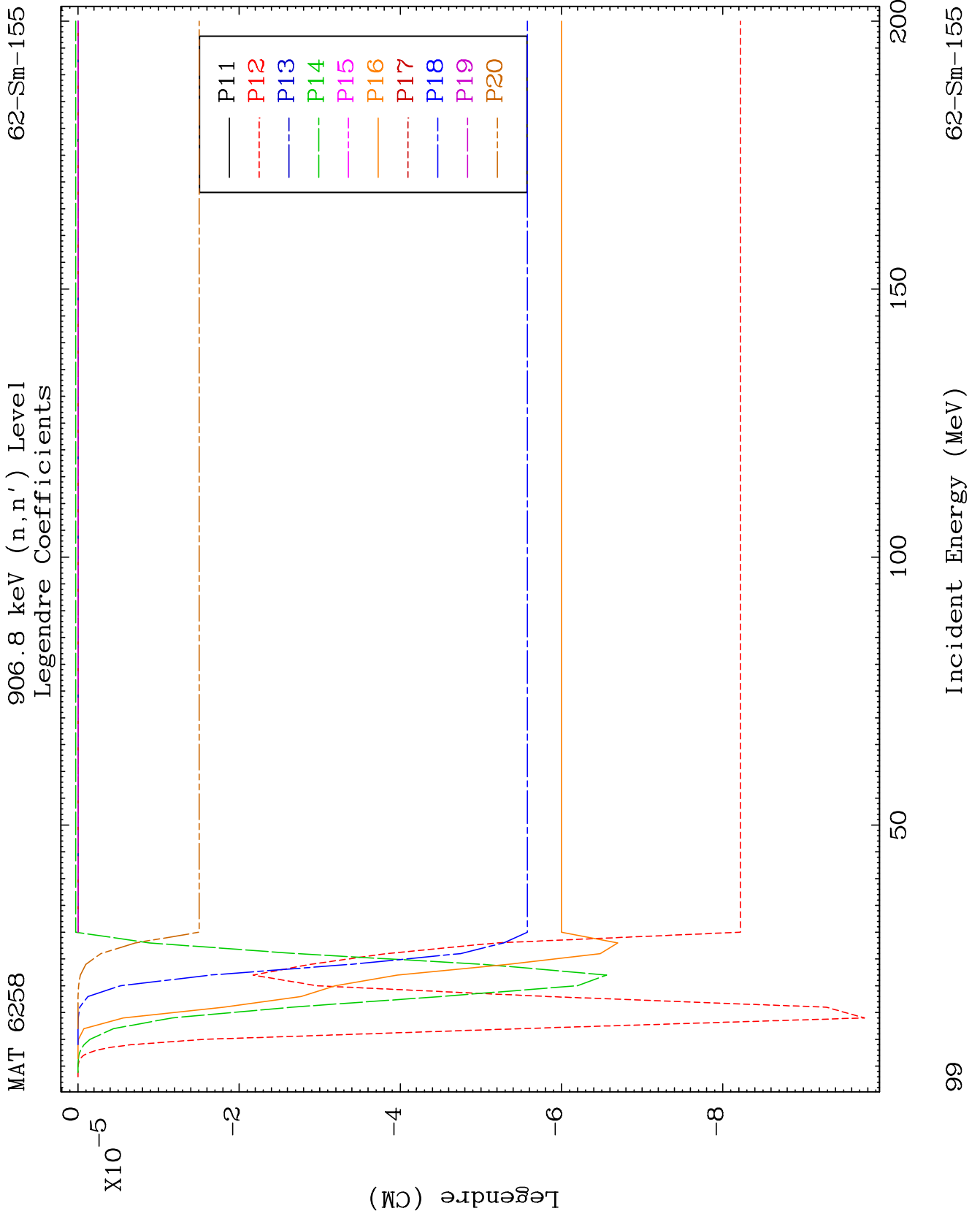
903.5 keV (n,n') Level  
Legendre Coefficients

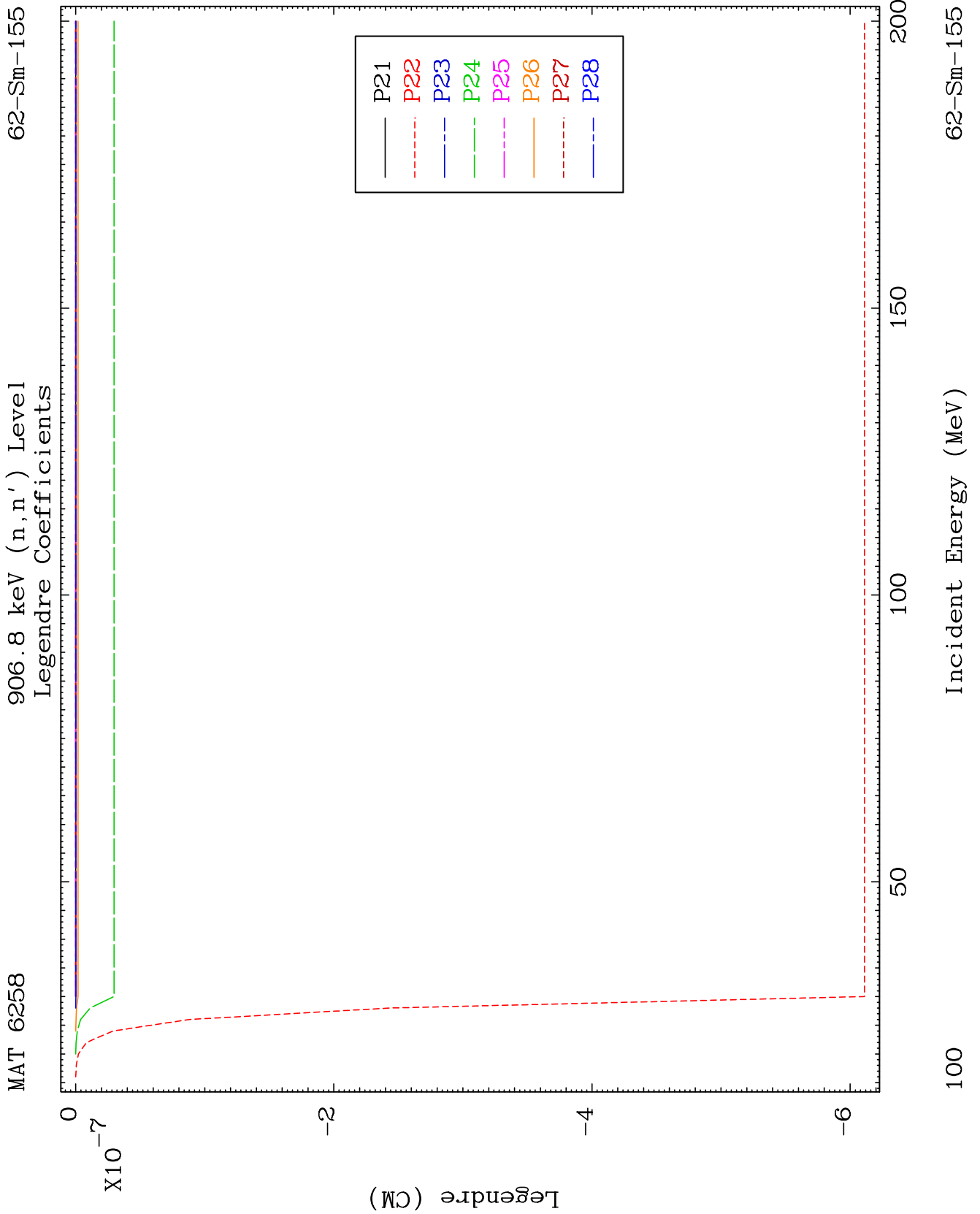
62-Sm-155

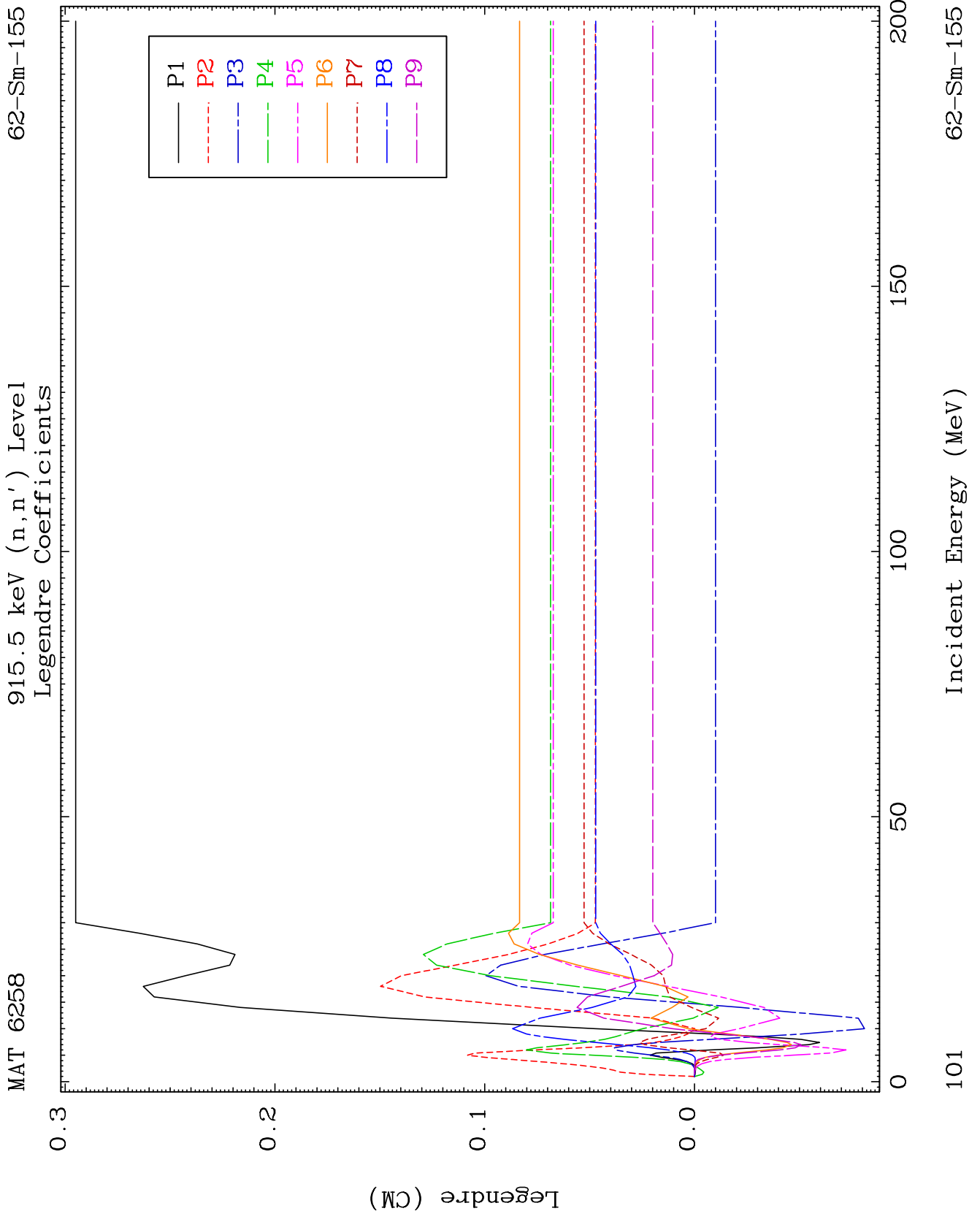


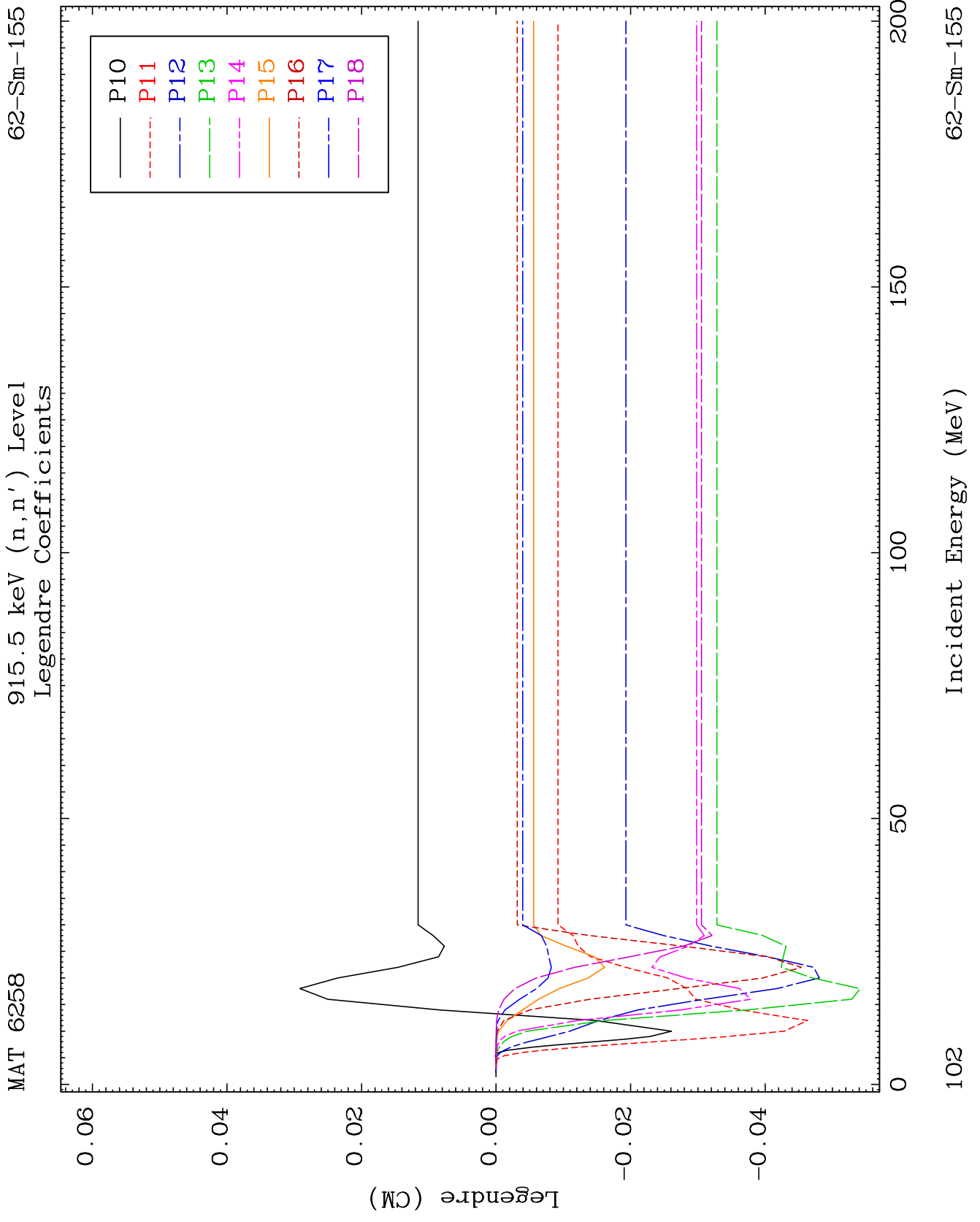


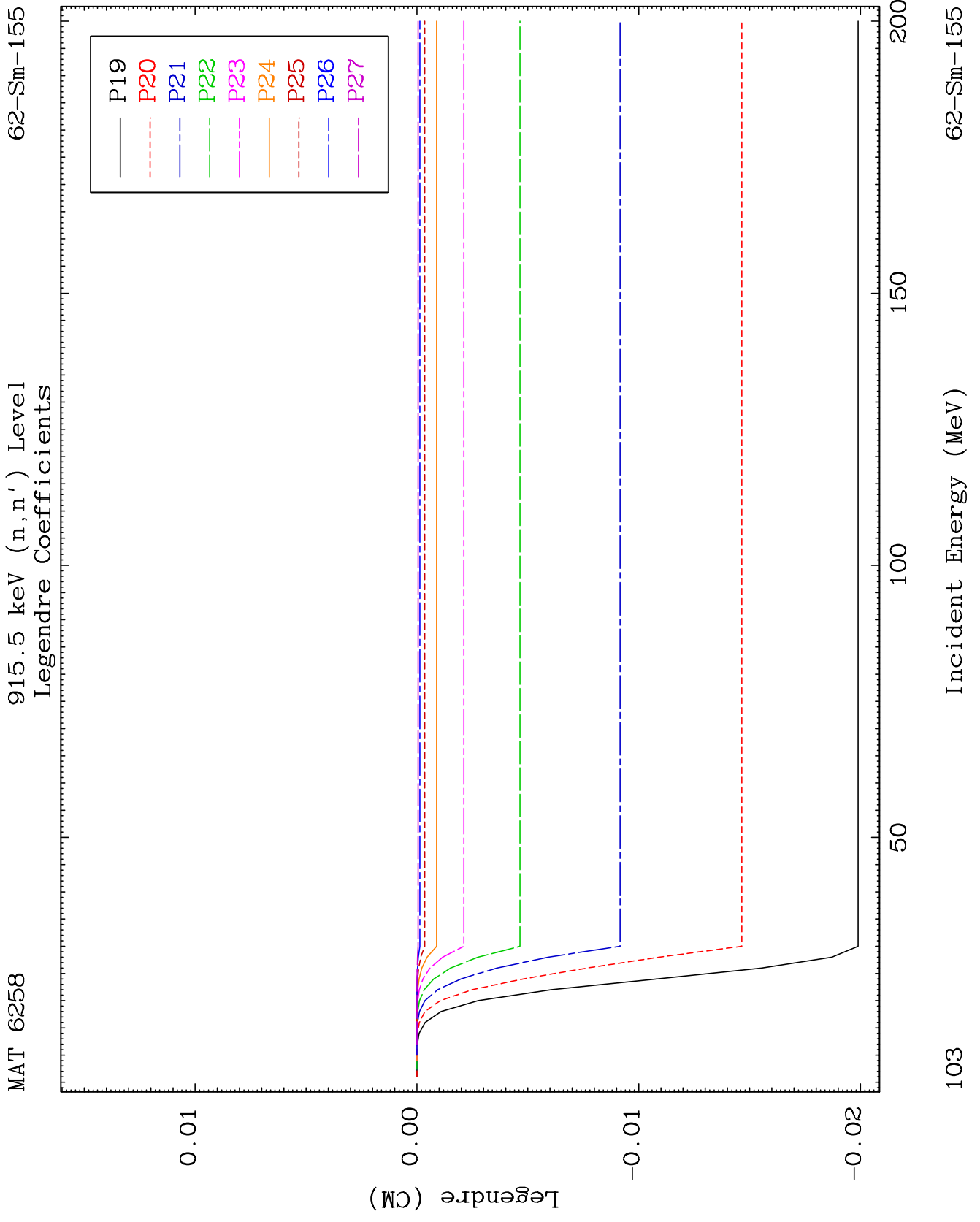




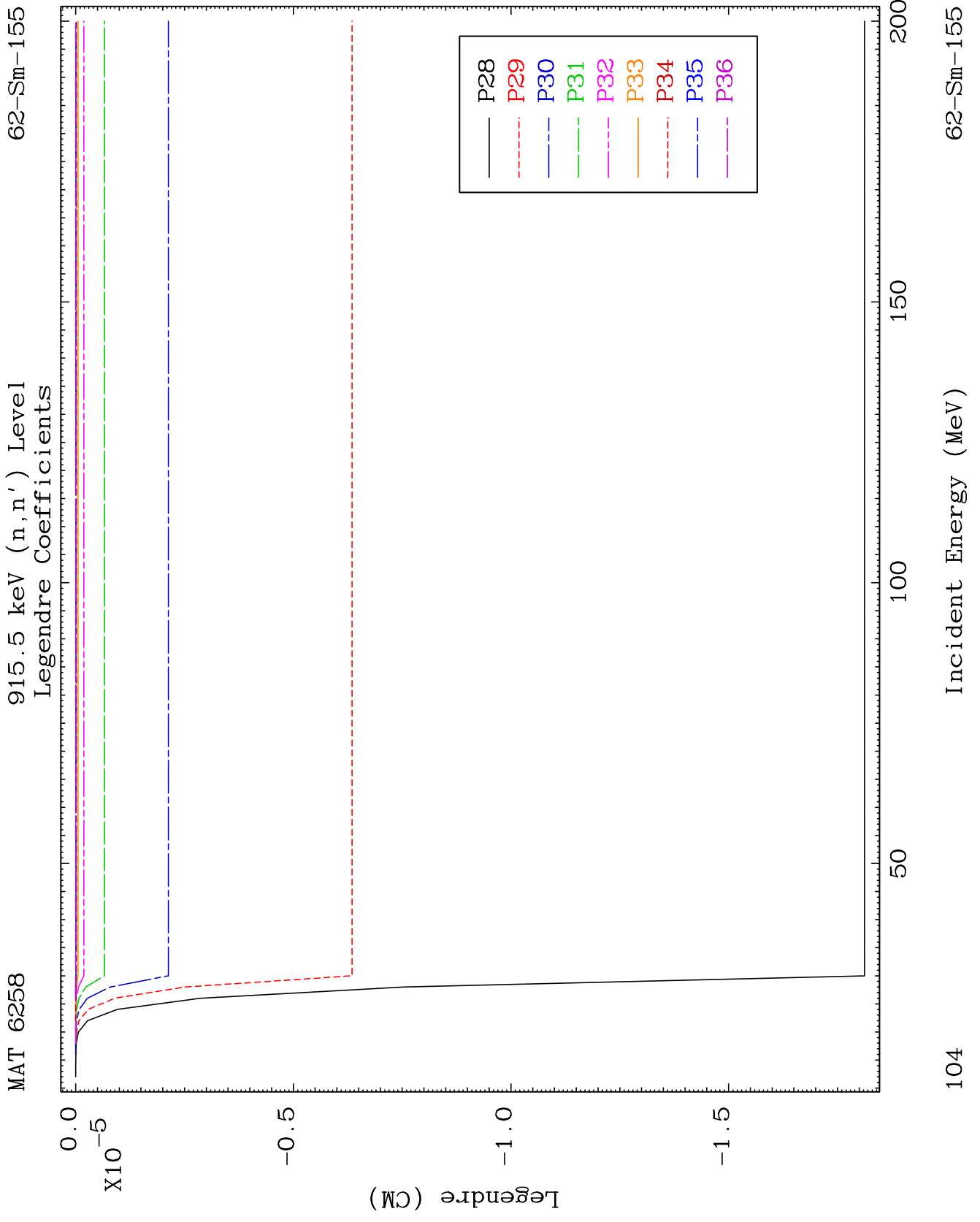


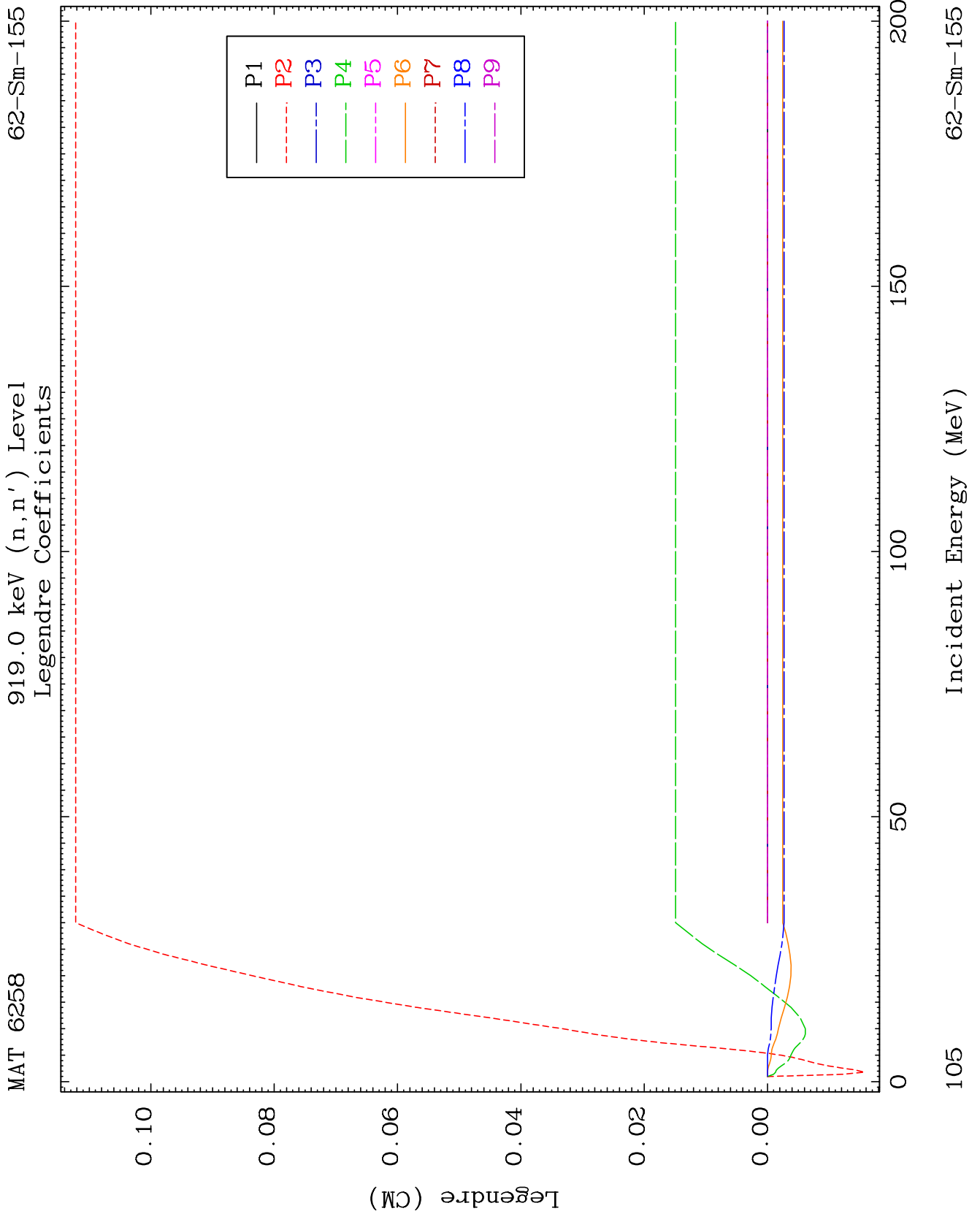


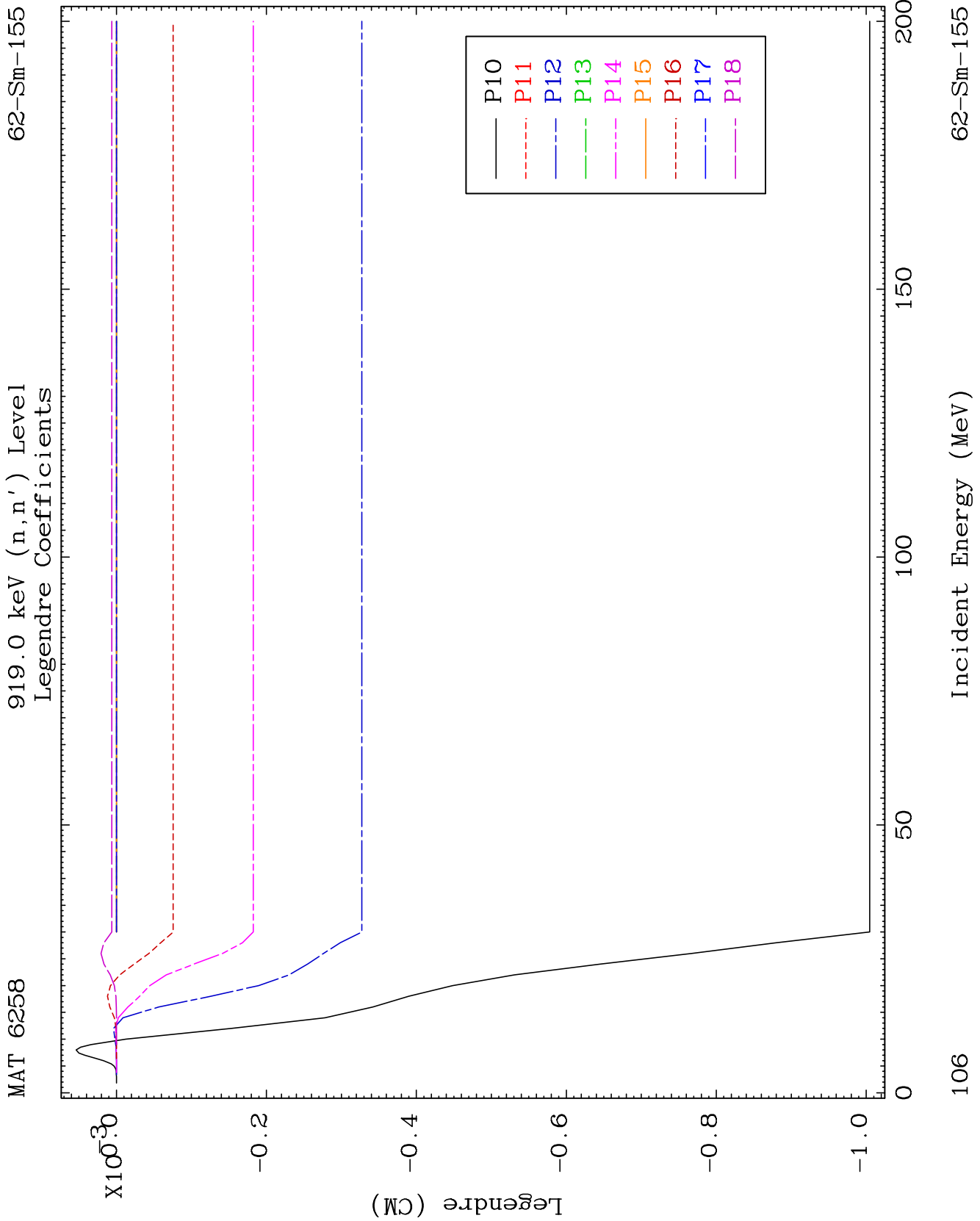


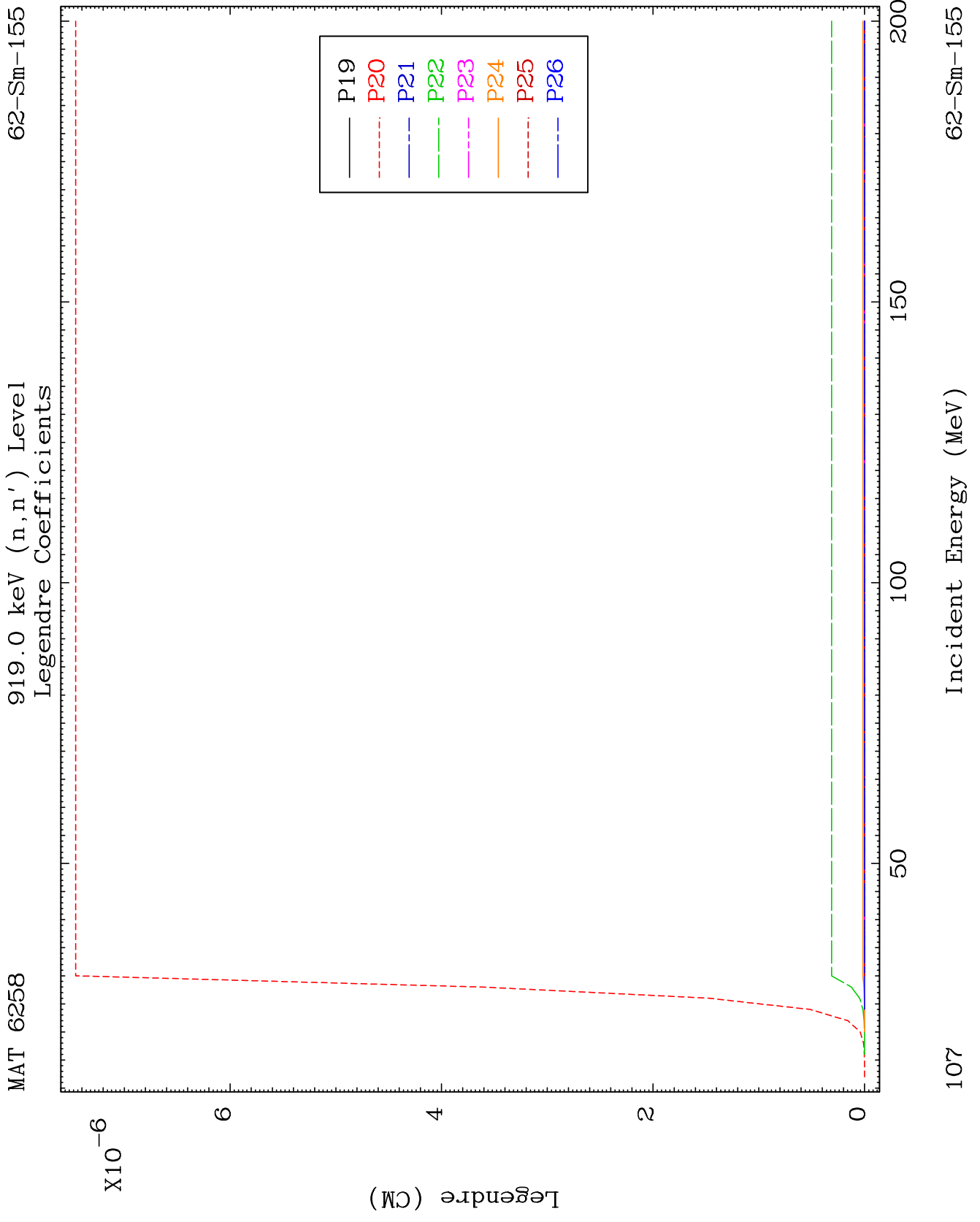


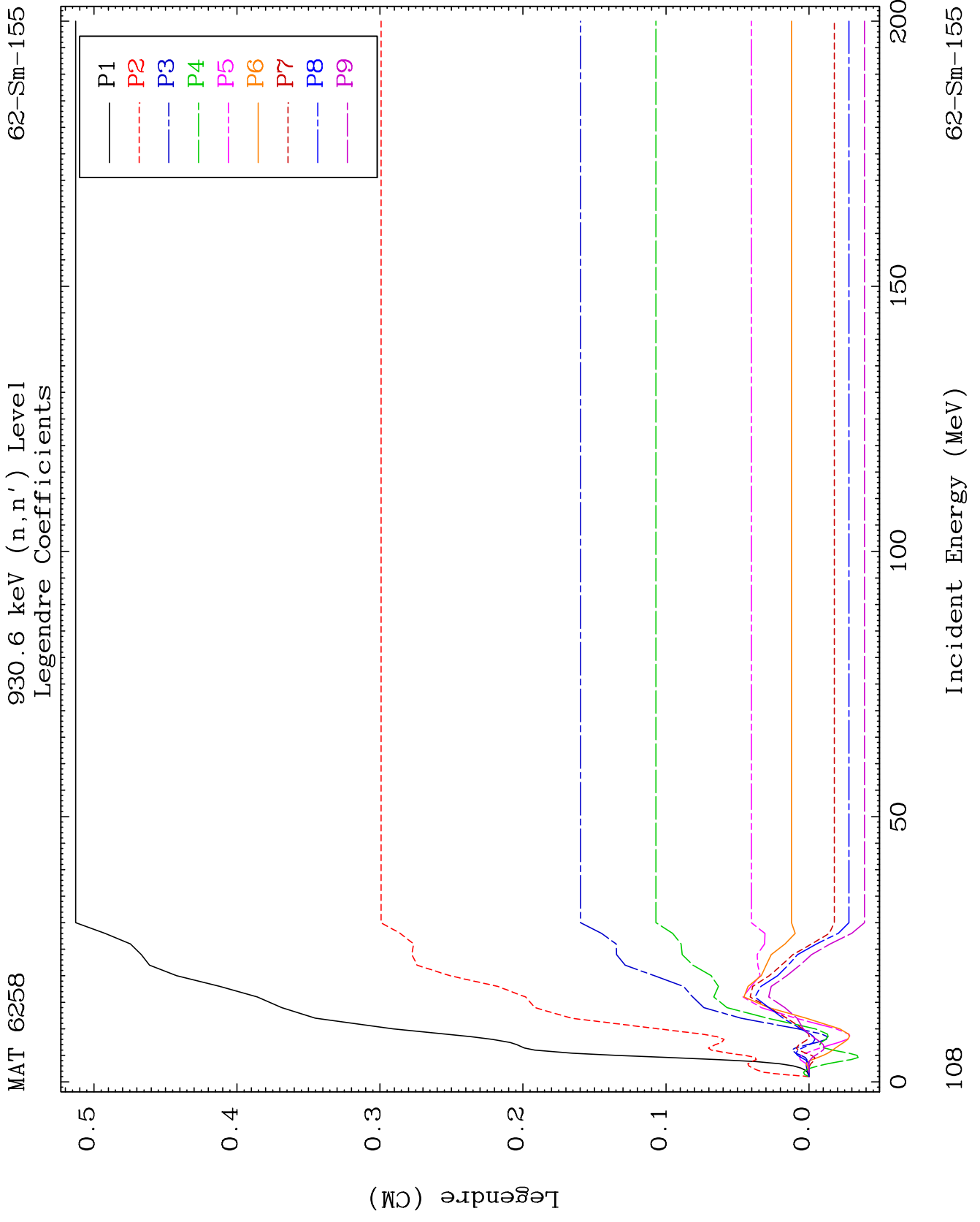










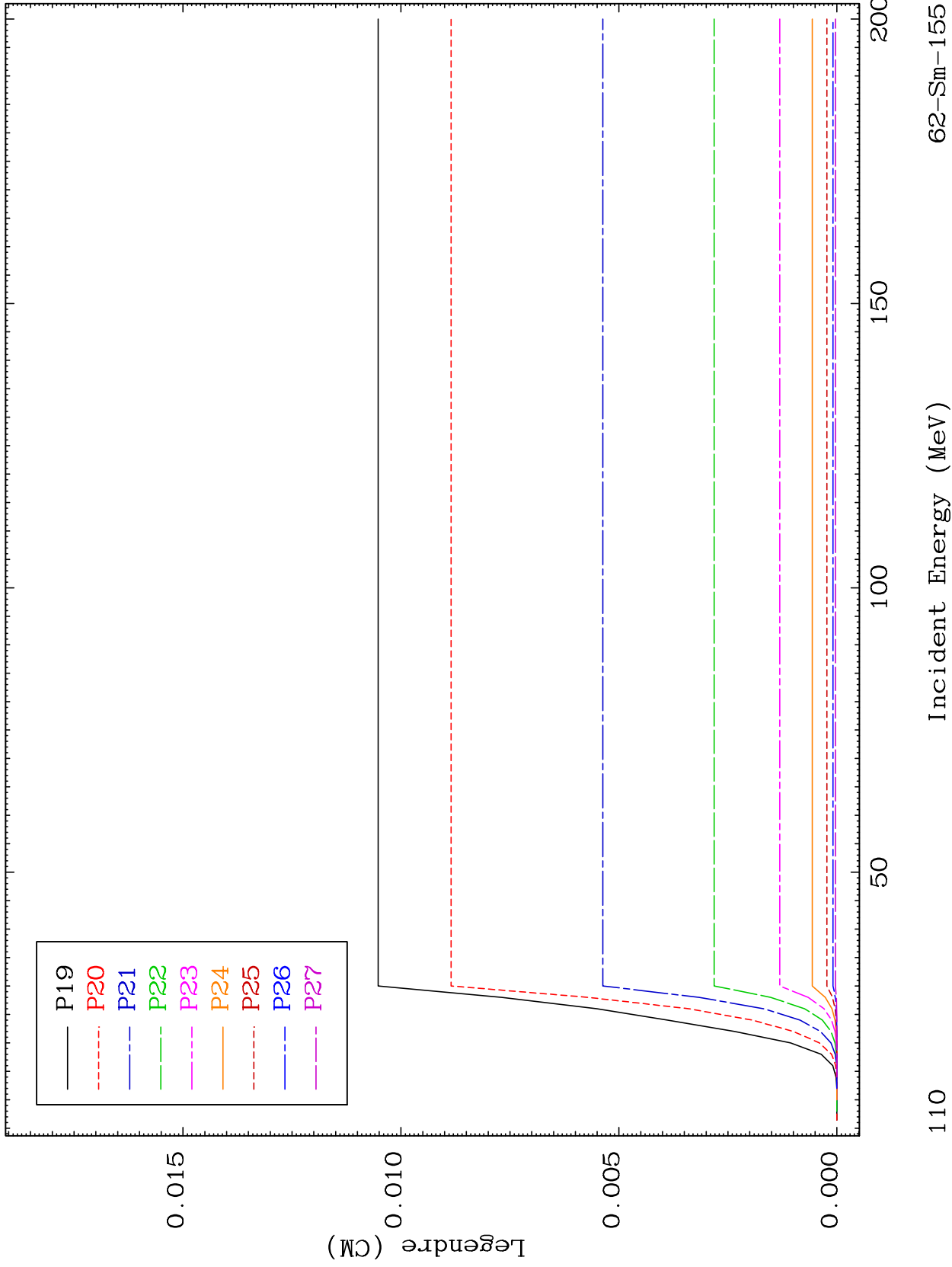




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930.6 keV (n,n') Level  
Legendre Coefficients

62-Sm-155



110

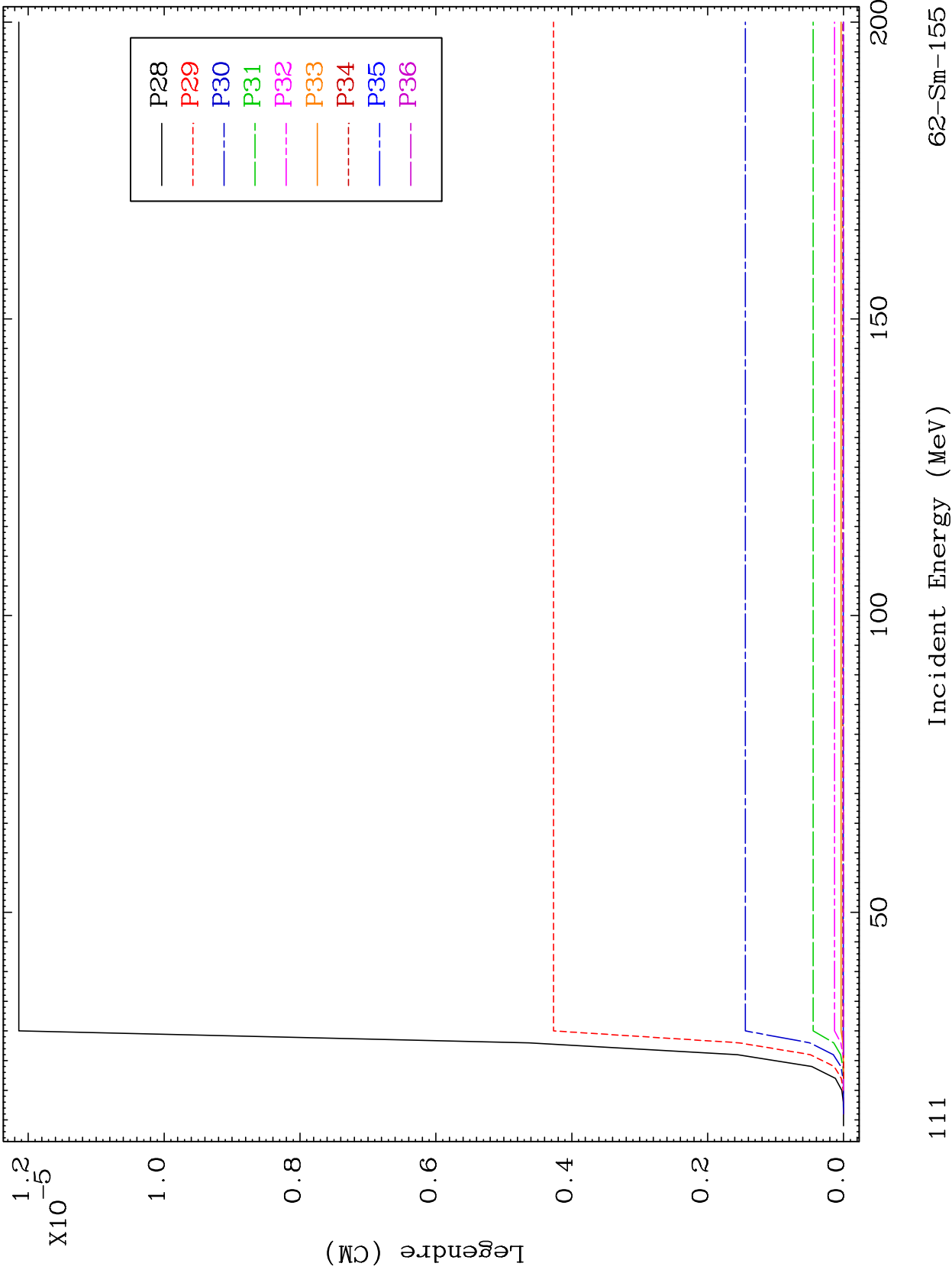
Incident Energy (MeV)

62-Sm-155

MAT 6258

930.6 keV (n,n') Level  
Legendre Coefficients

62-Sm-155

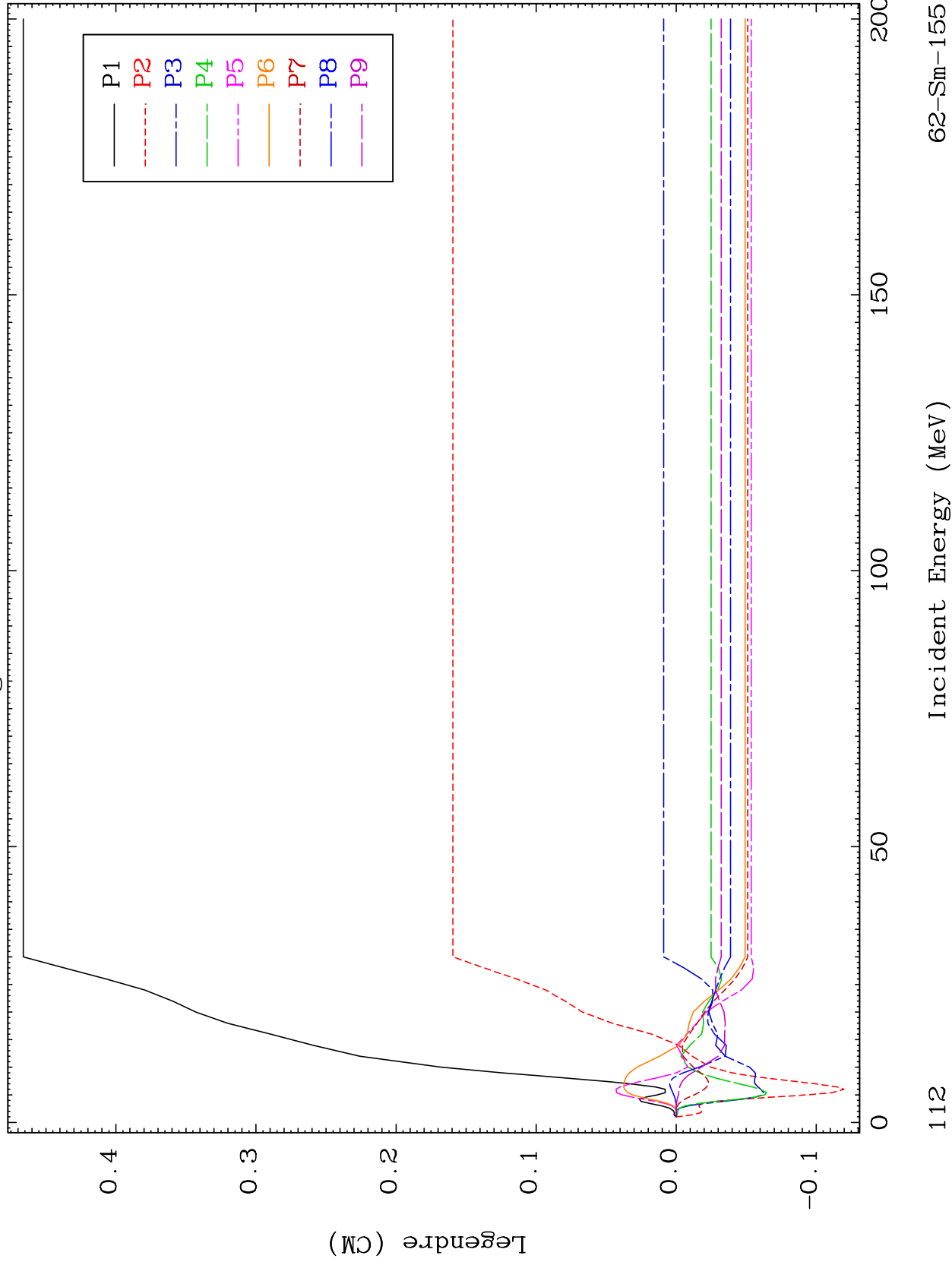




MAT 6258

962.4 keV (n,n') Level  
Legendre Coefficients

62-Sm-155



62-Sm-155

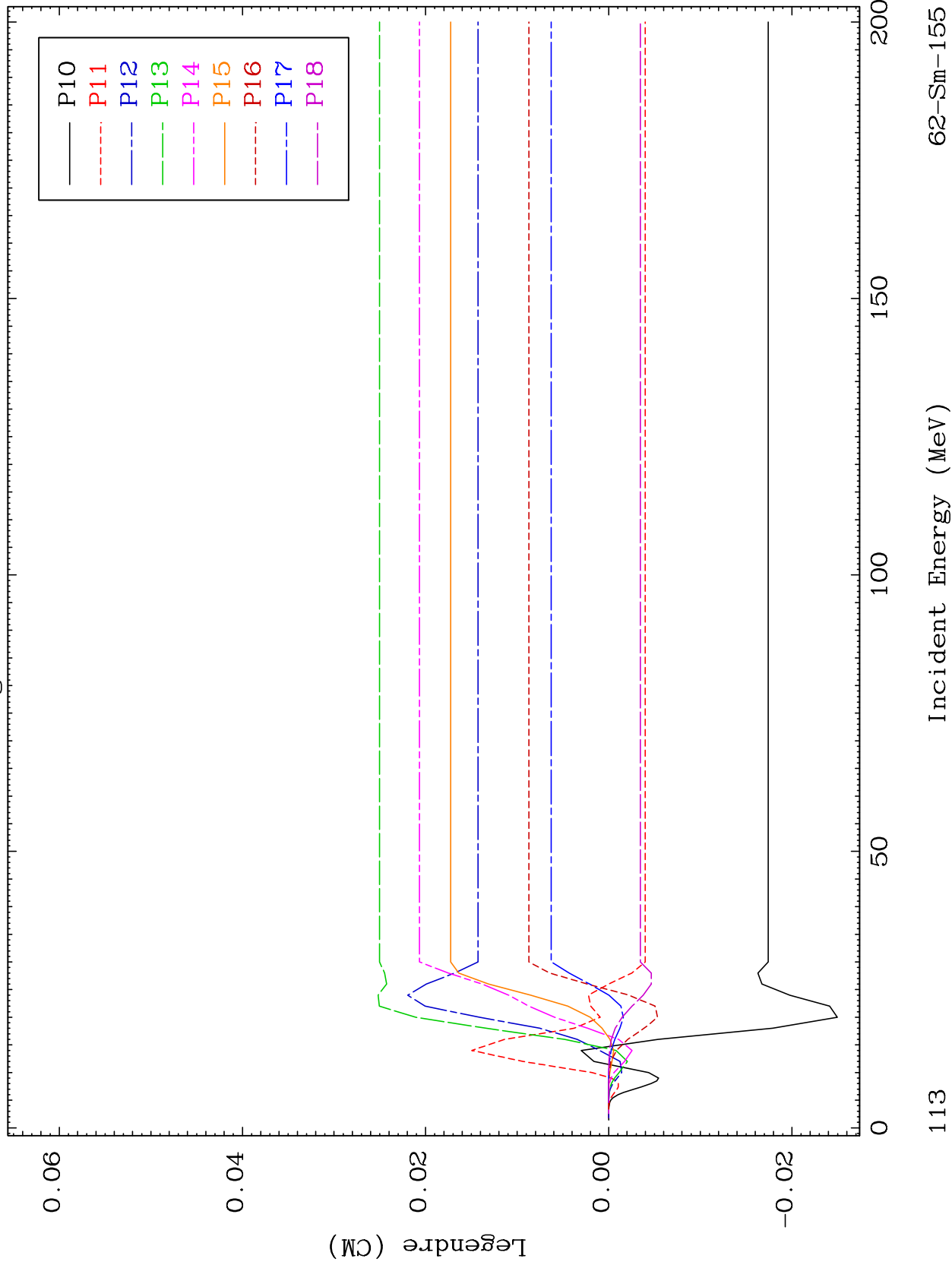
Incident Energy (MeV)

112

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962.4 keV (n,n') Level  
Legendre Coefficients

62-Sm-155



113

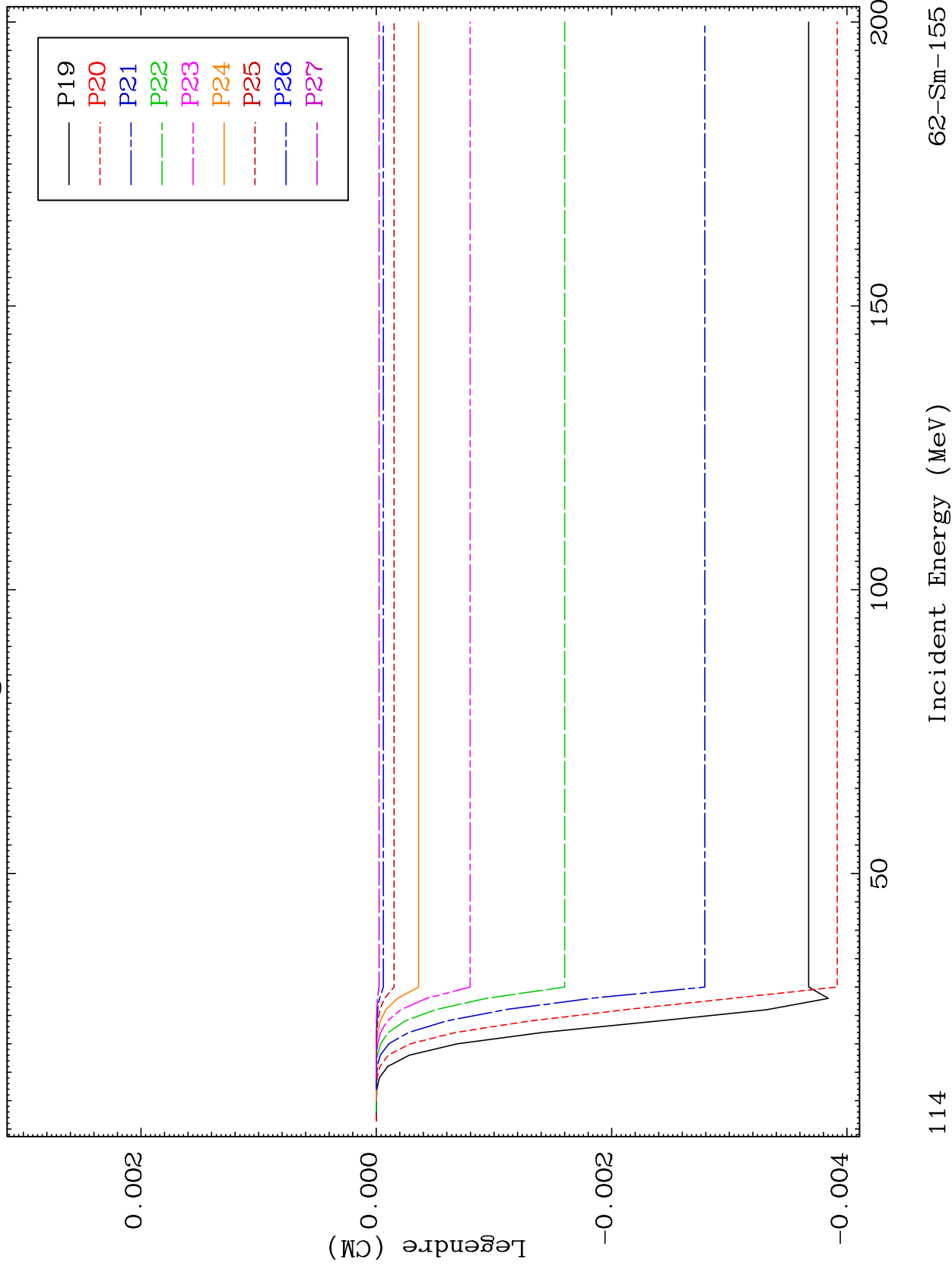
Incident Energy (MeV)

62-Sm-155

MAT 6258

962.4 keV (n,n') Level  
Legendre Coefficients

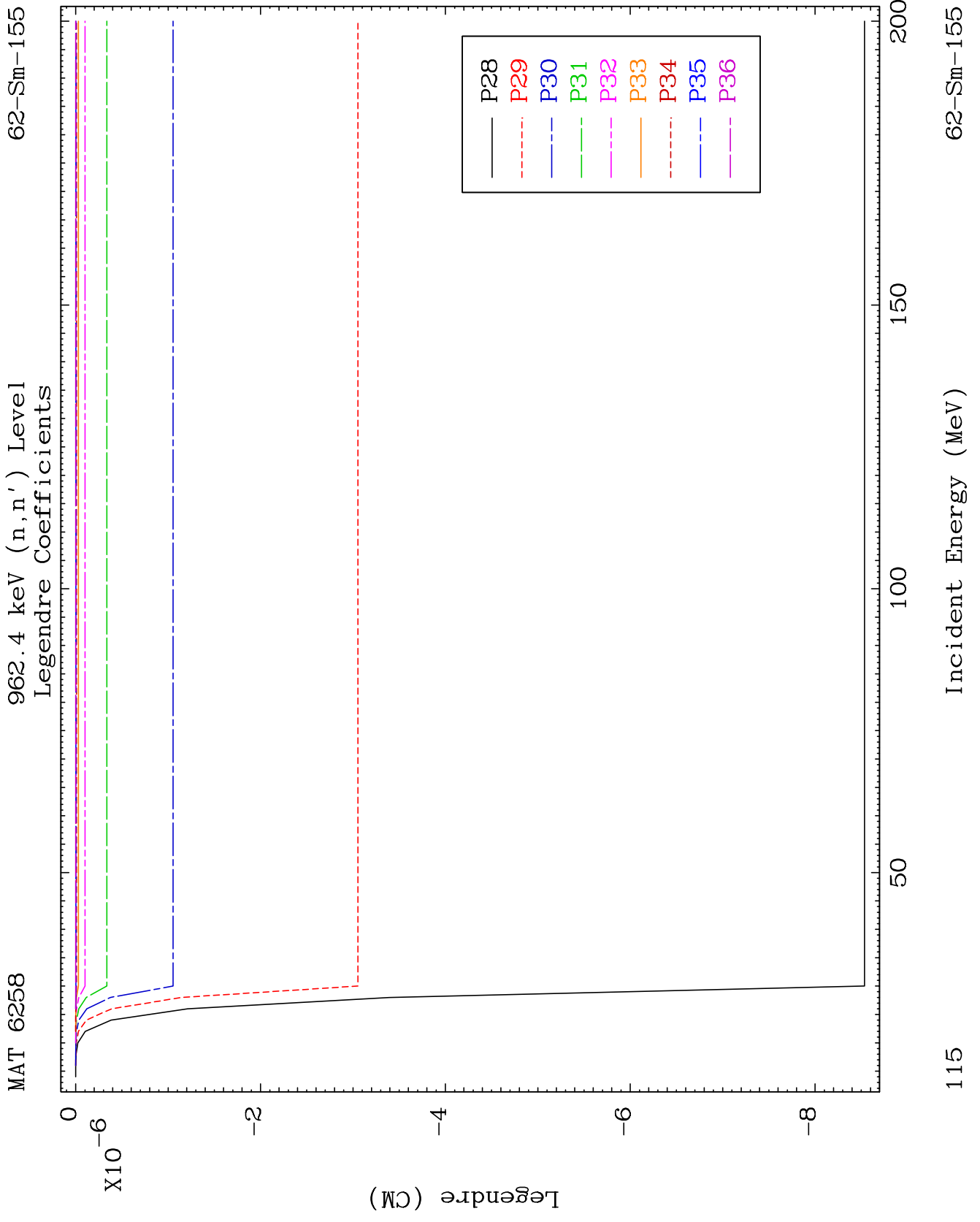
62-Sm-155



114

Incident Energy (MeV)

62-Sm-155

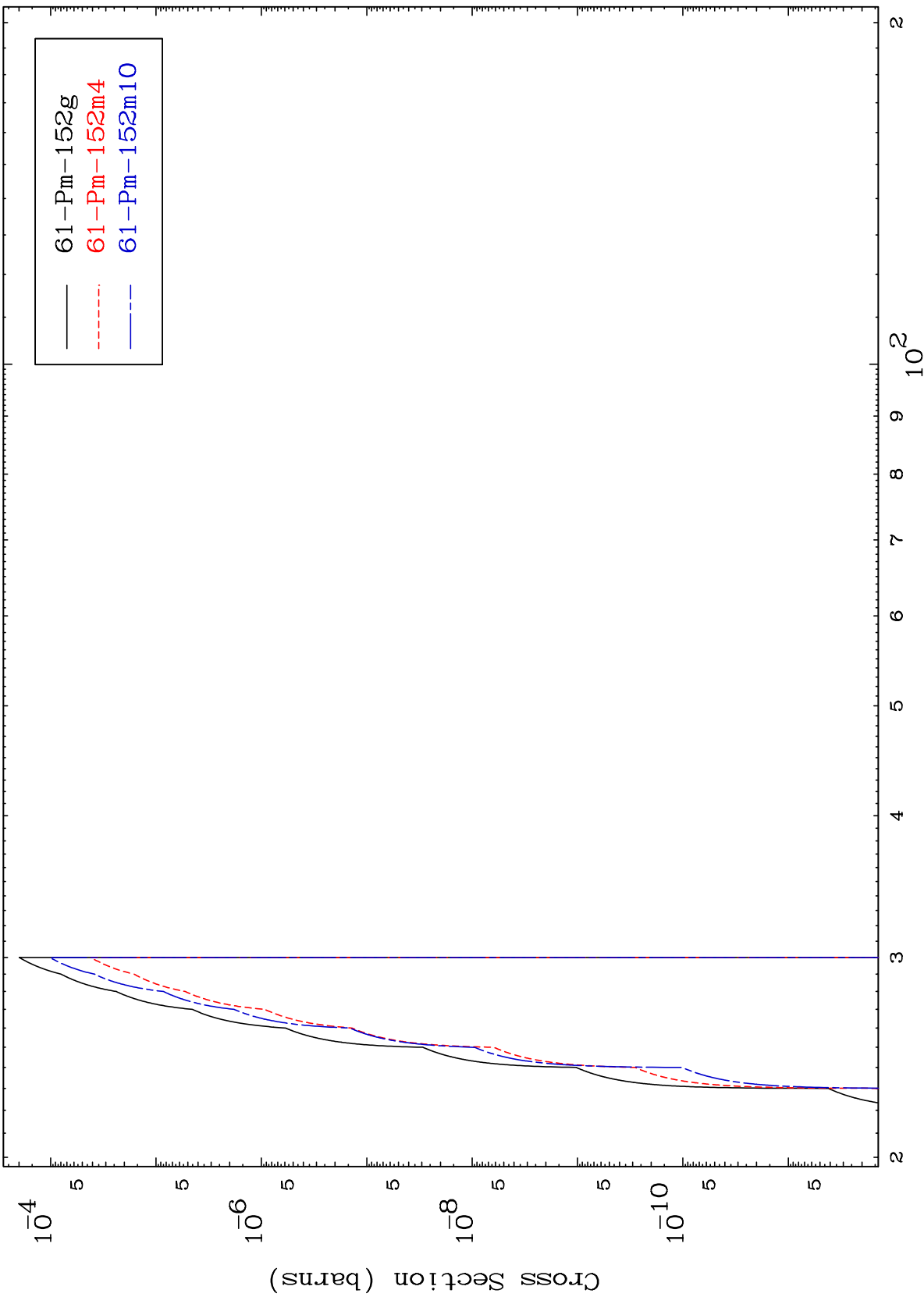


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(n,2n) d

62-Sm-155

Radionuclide Production Cross Section



116

Incident Energy (MeV)

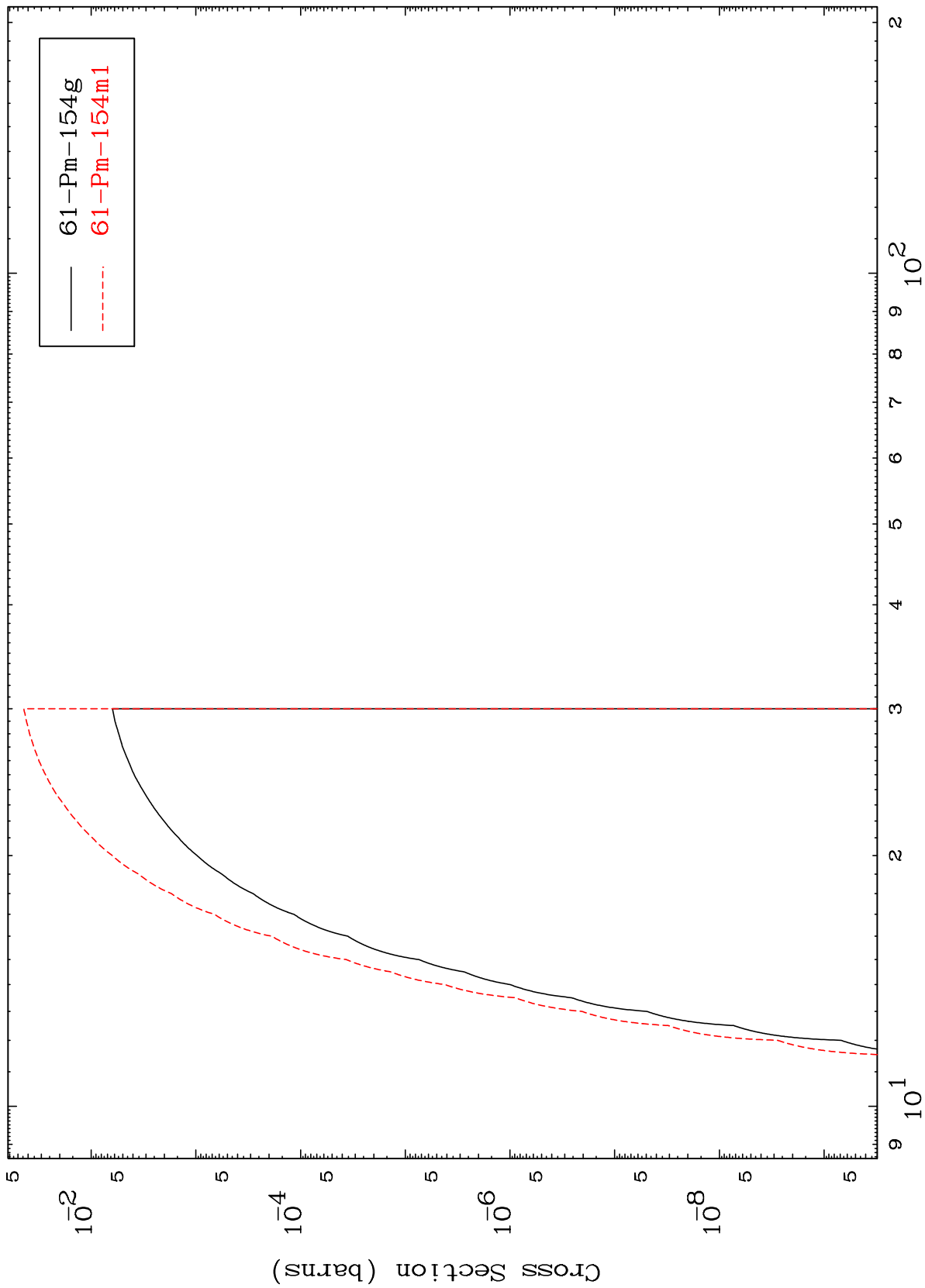
62-Sm-155

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(n,n') p

62-Sm-155

Radionuclide Production Cross Section



Incident Energy (MeV)

62-Sm-155

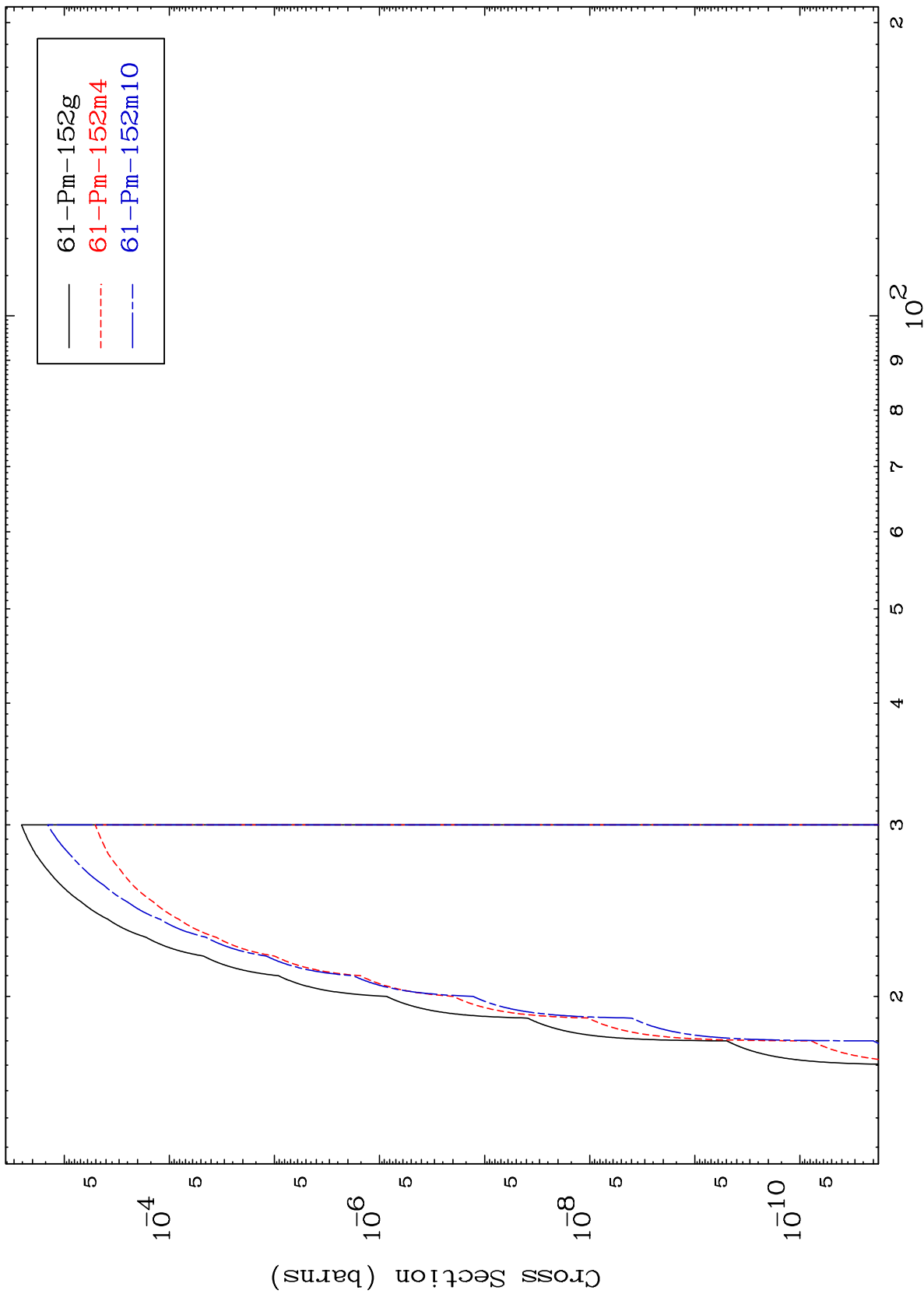
117

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(n,n') t

62-Sm-155

Radionuclide Production Cross Section



118

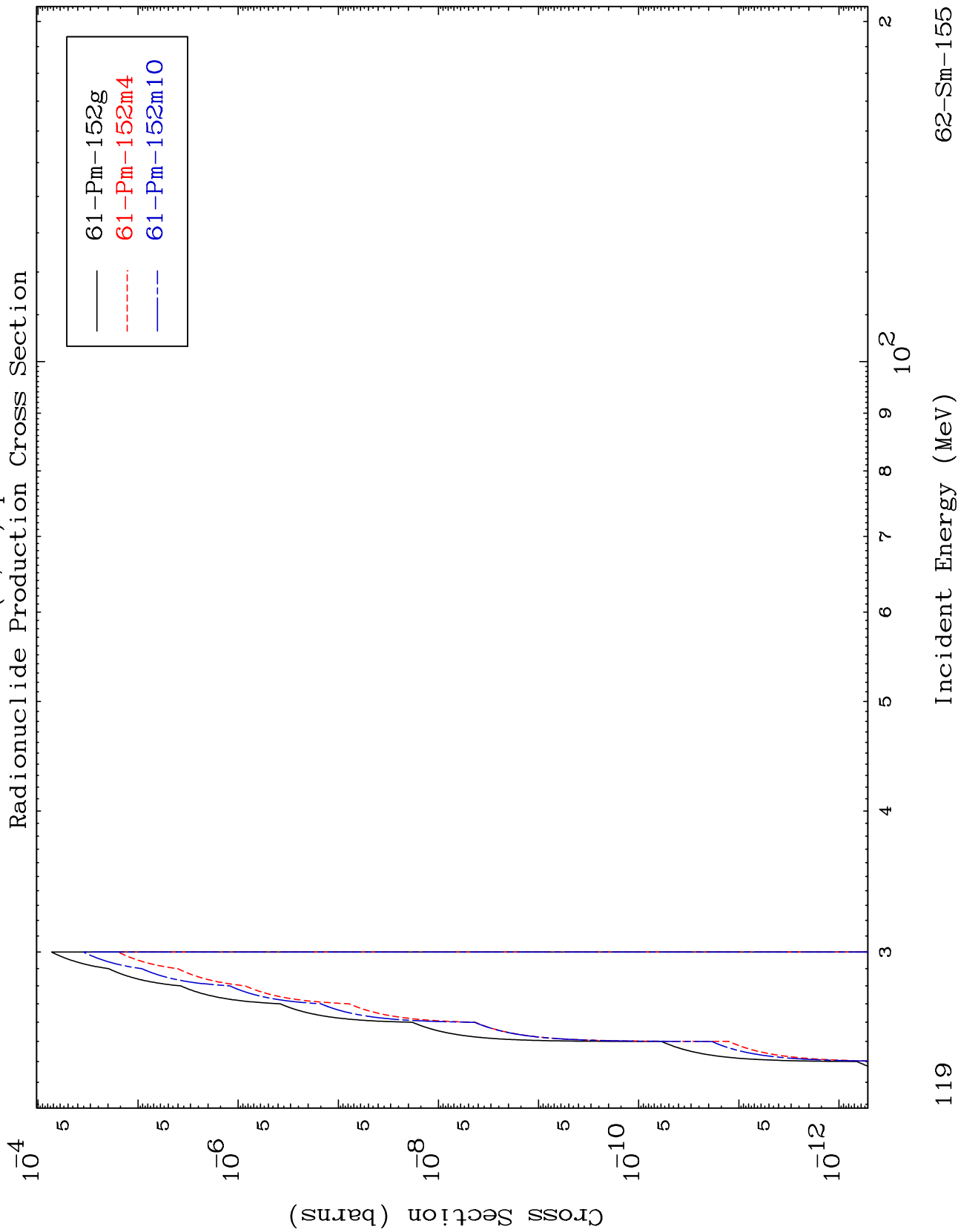
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,3n) p

62-Sm-155



119

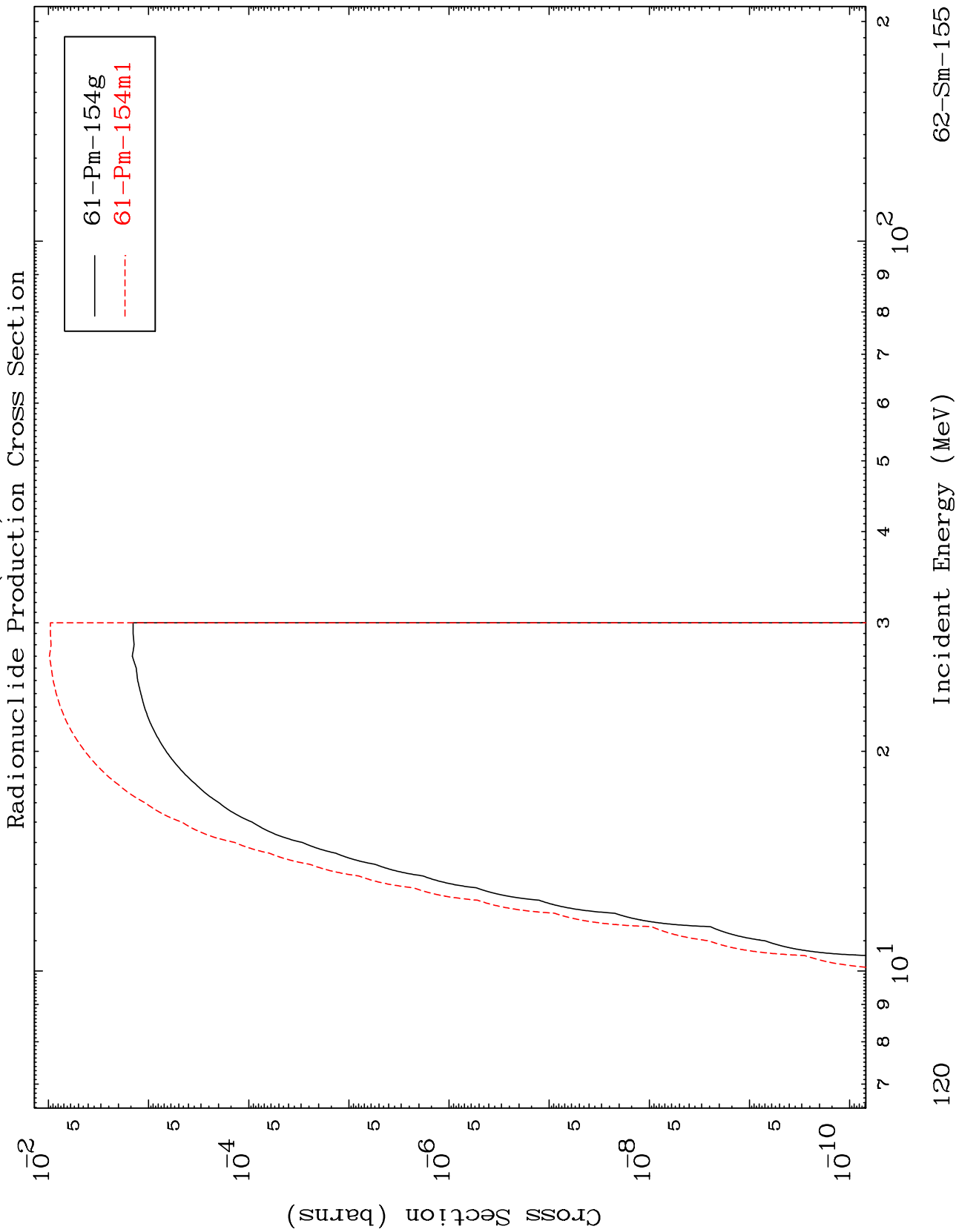
62-Sm-155



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(n,d)

62-Sm-155



120