

Program EVALPLOT  
(Version 2015-2)

by

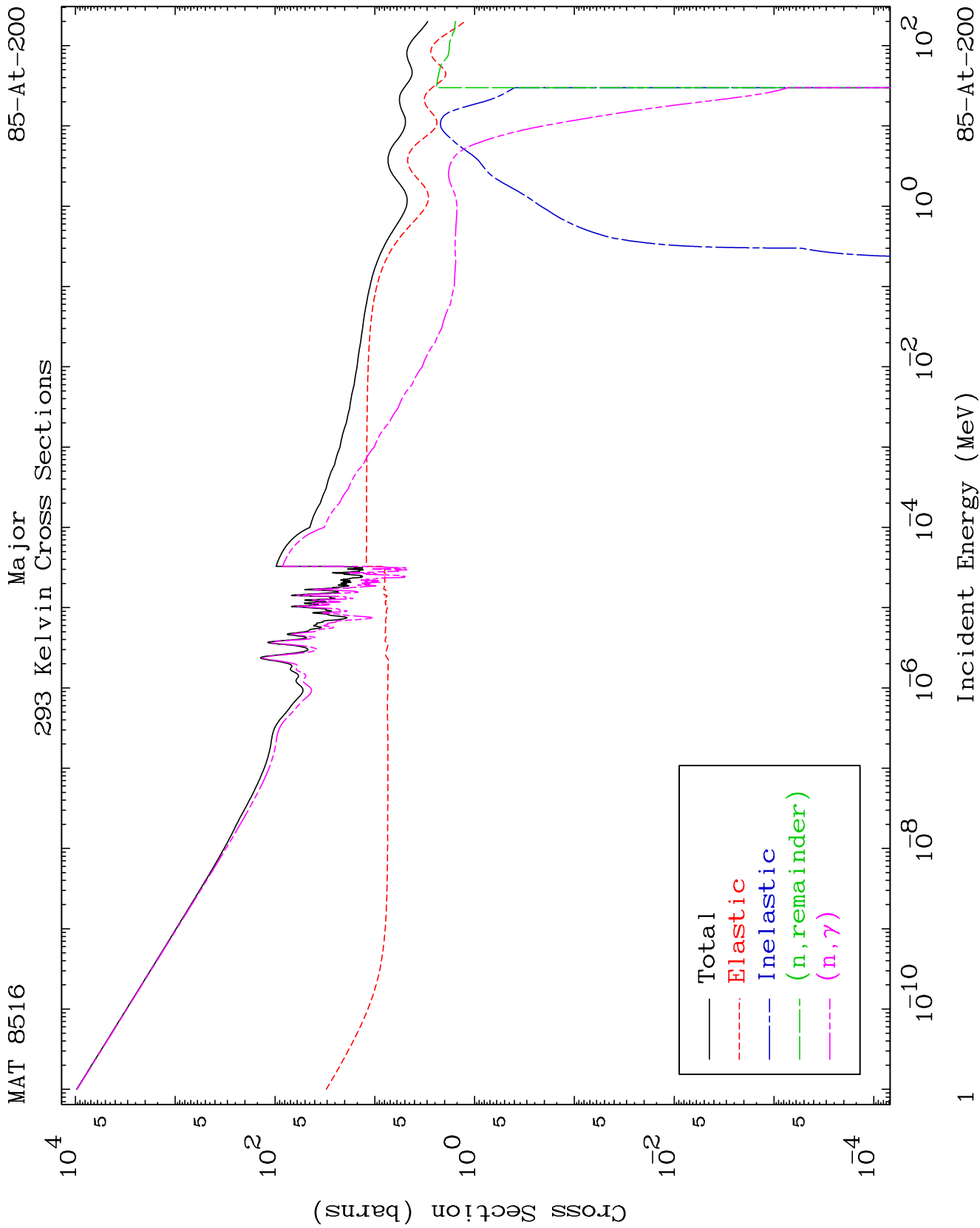
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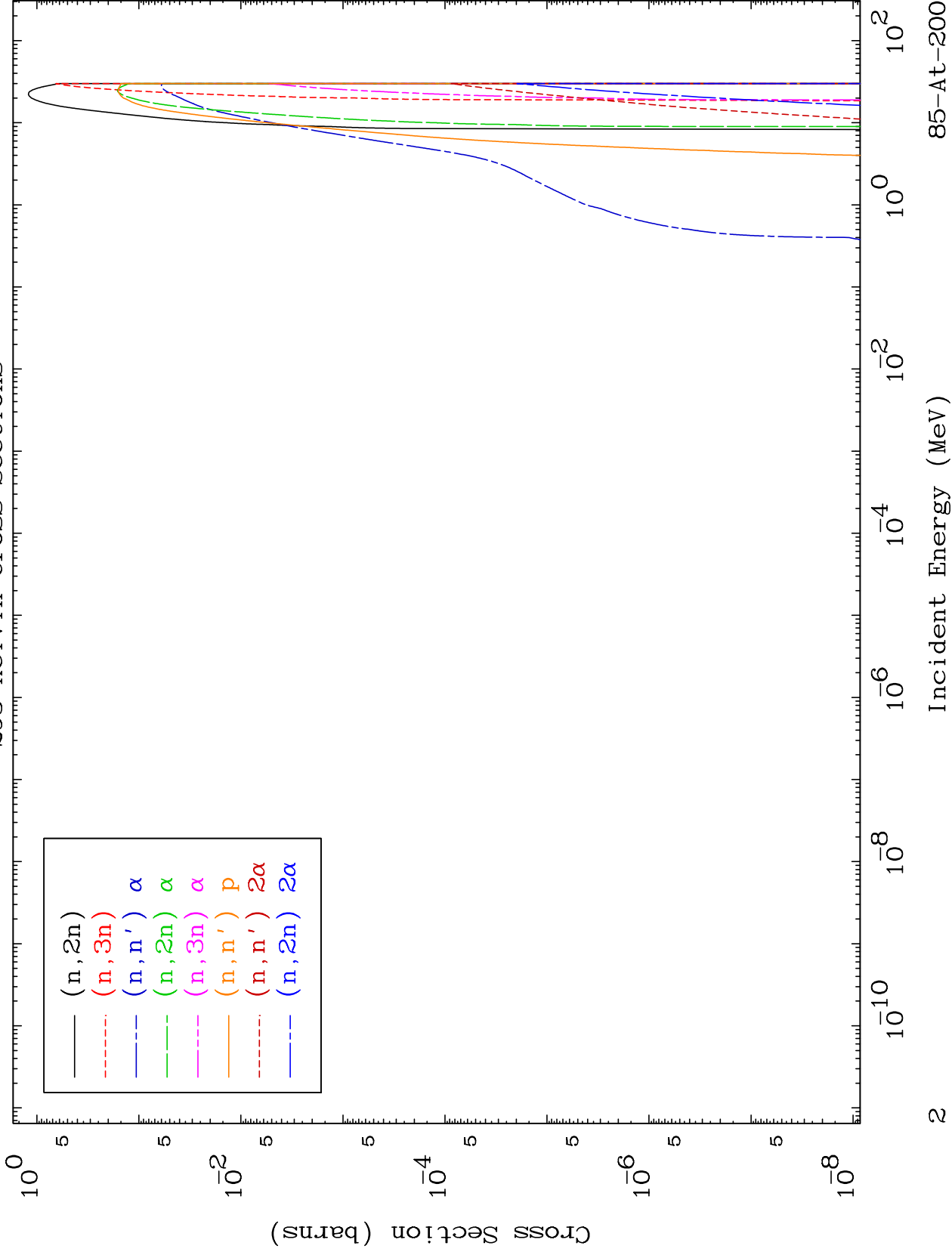
Press Mouse Button to Start



MAT 8516

Neutron Production  
293 Kelvin Cross Sections

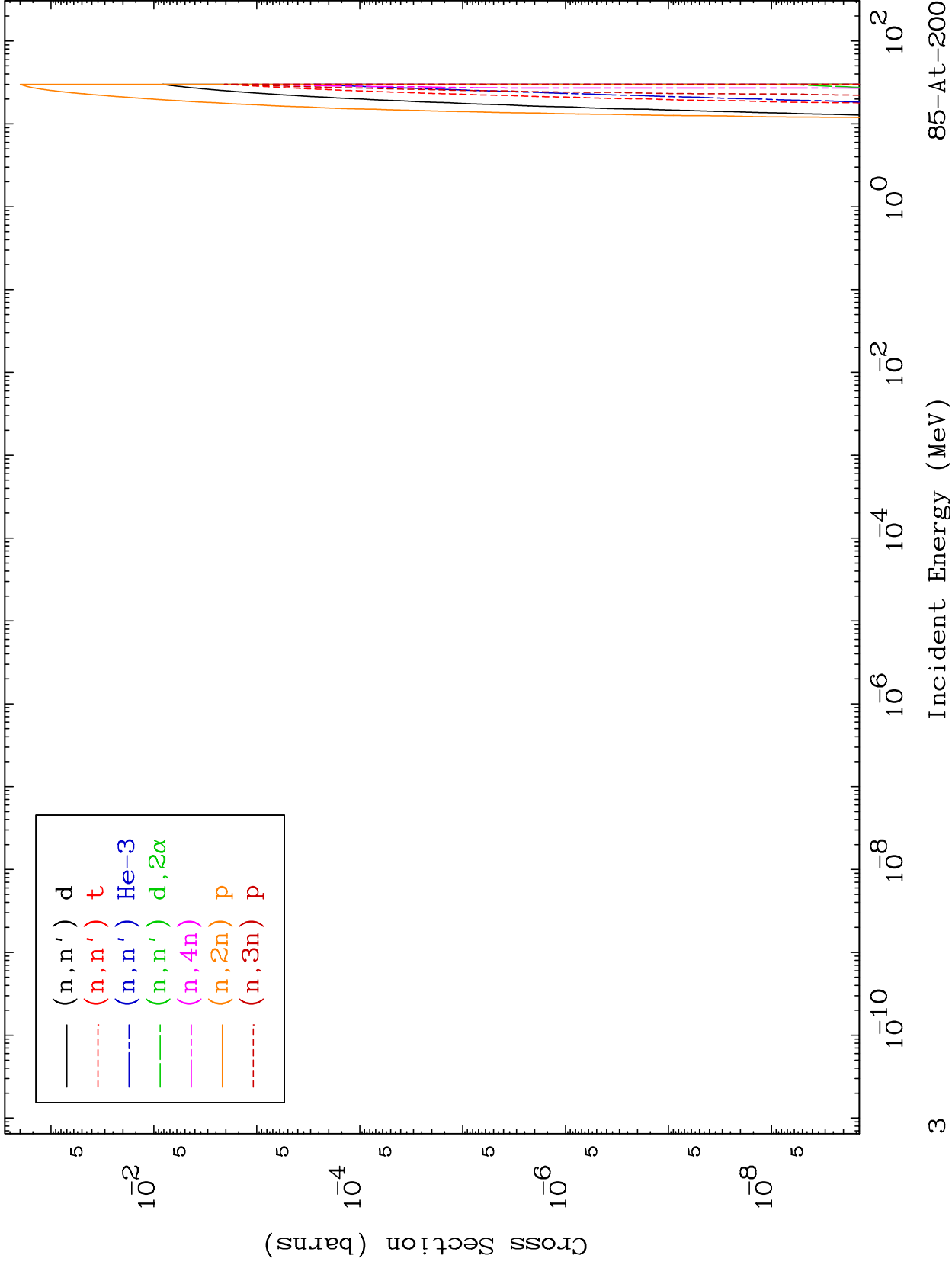
85-At-200



MAT 8516

Neutron Production  
293 Kelvin Cross Sections

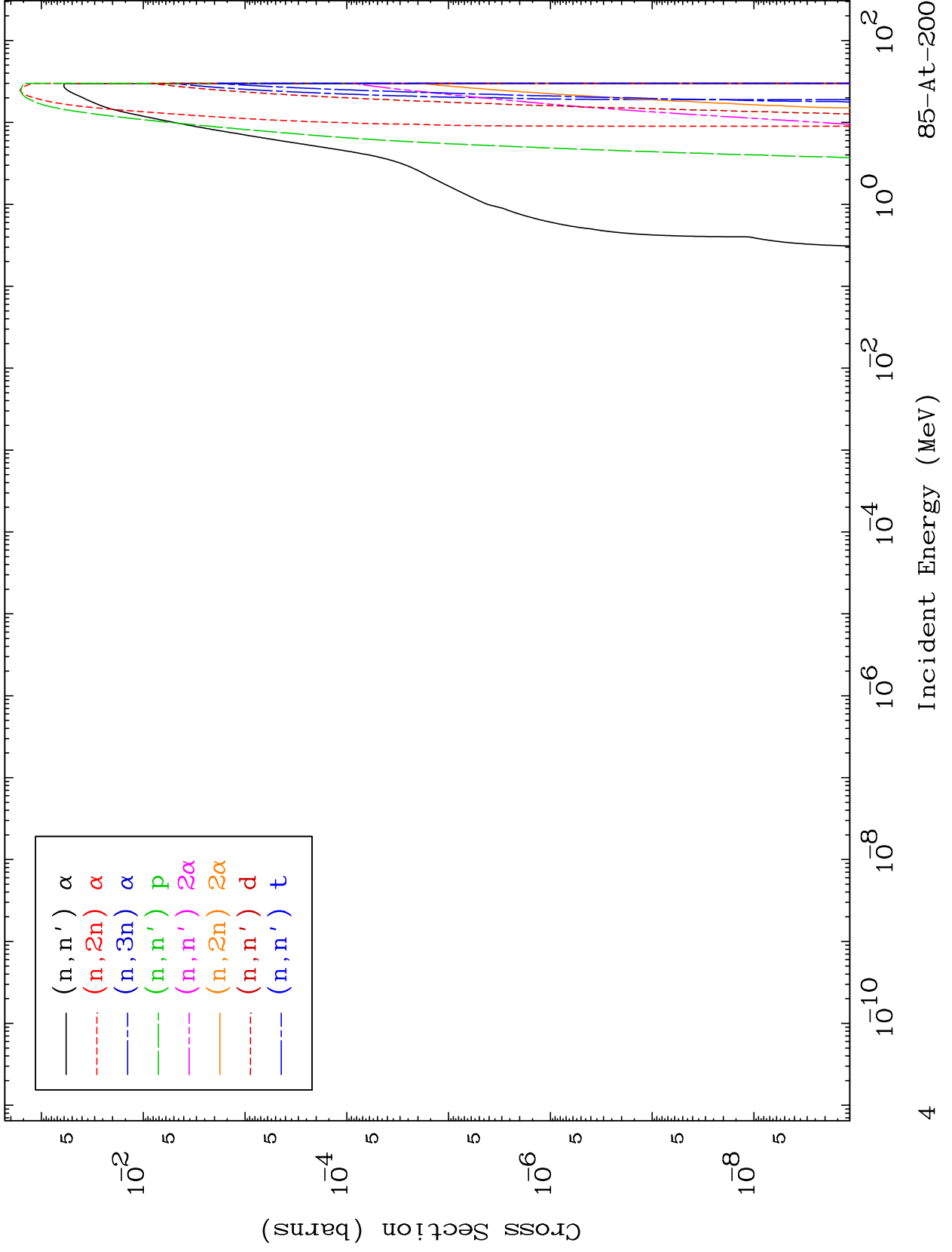
85-At-200



MAT 8516

Charged Particle  
293 Kelvin Cross Sections

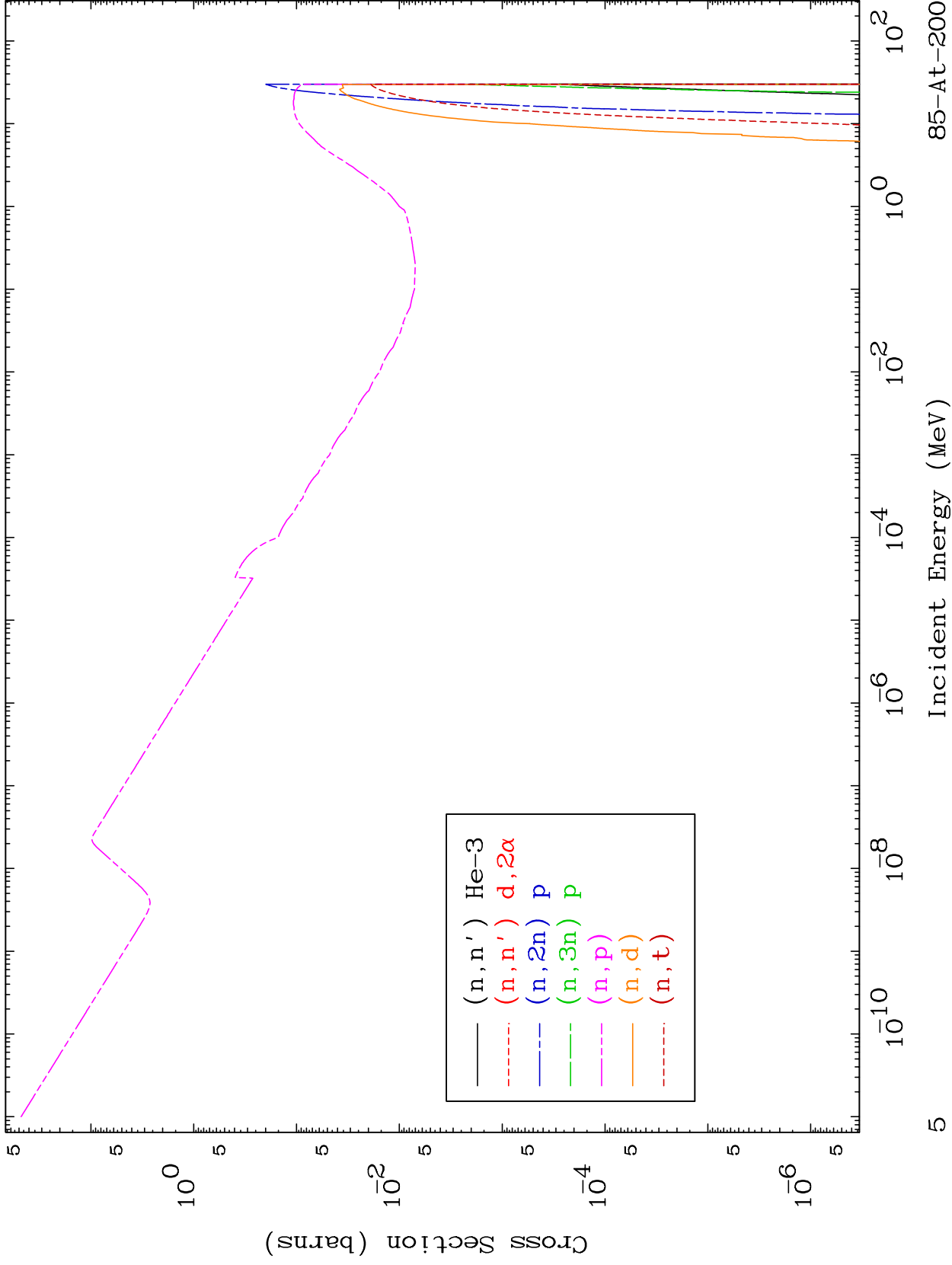
85-At-200



MAT 8516

Charged Particle  
293 Kelvin Cross Sections

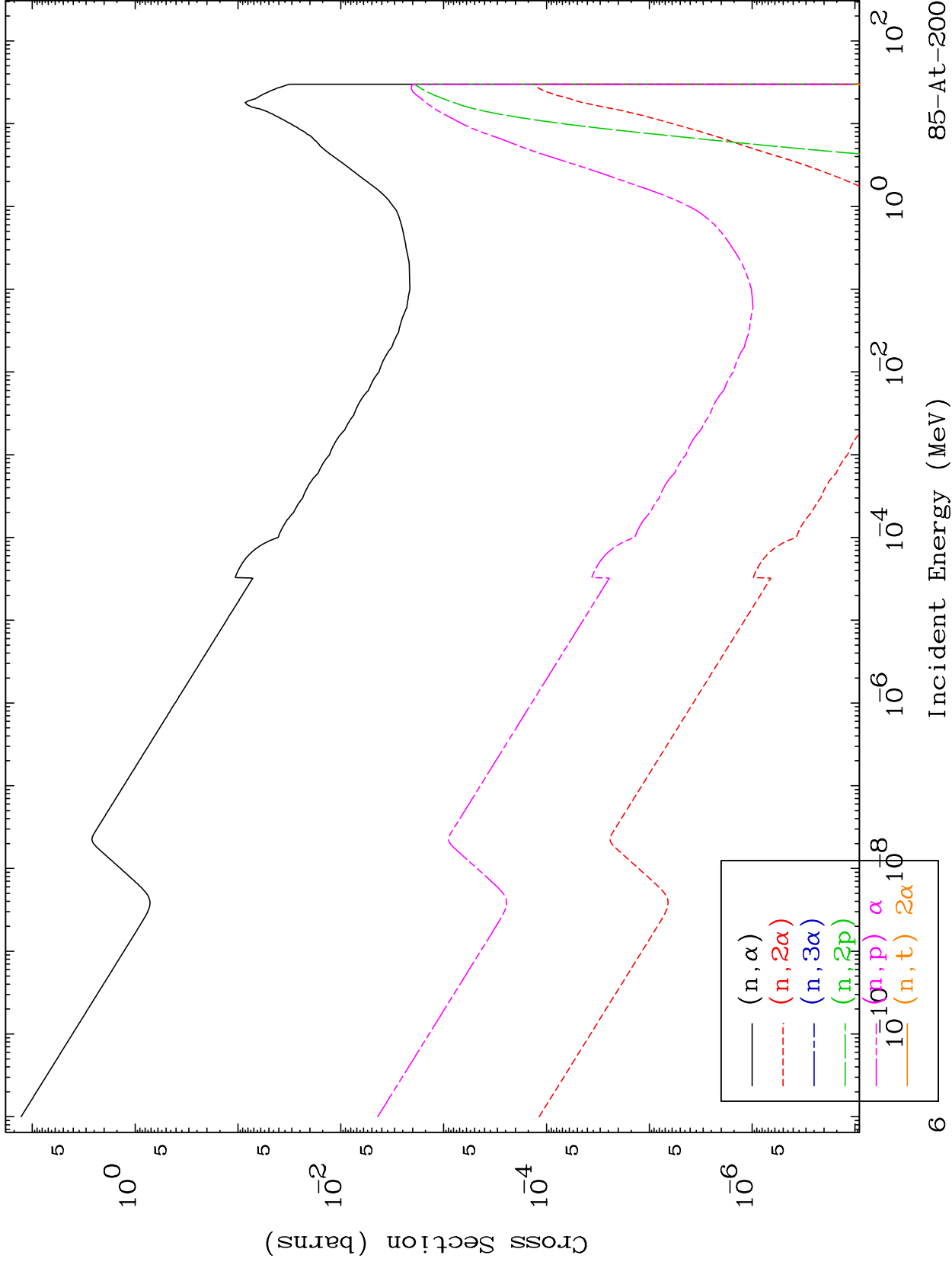
85-At-200



MAT 8516

Charged Particle  
293 Kelvin Cross Sections

85-At-200



85-At-200

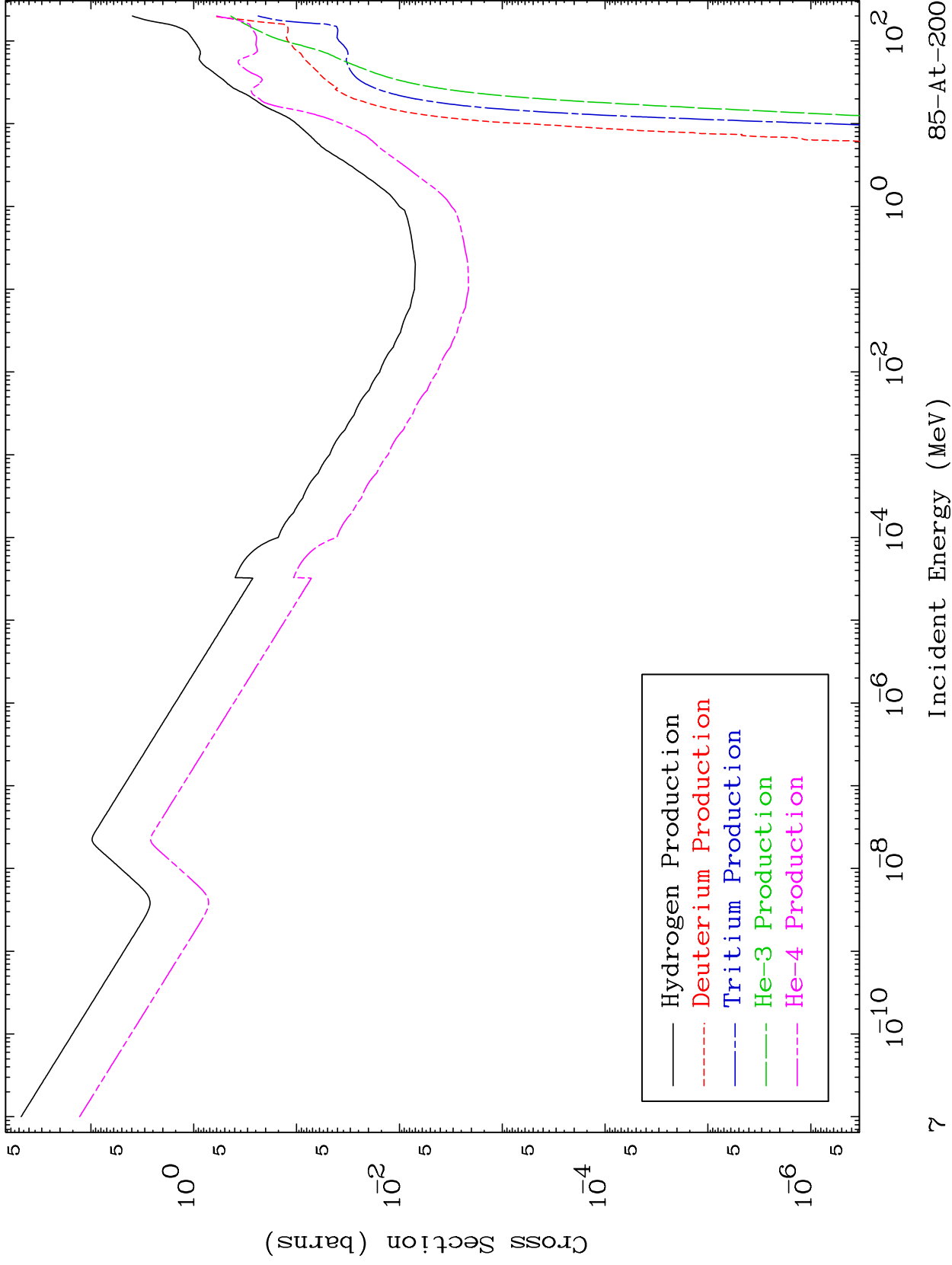
Incident Energy (MeV)

6

MAT 8516

Particle Production  
293 Kelvin Cross Sections

85-At-200



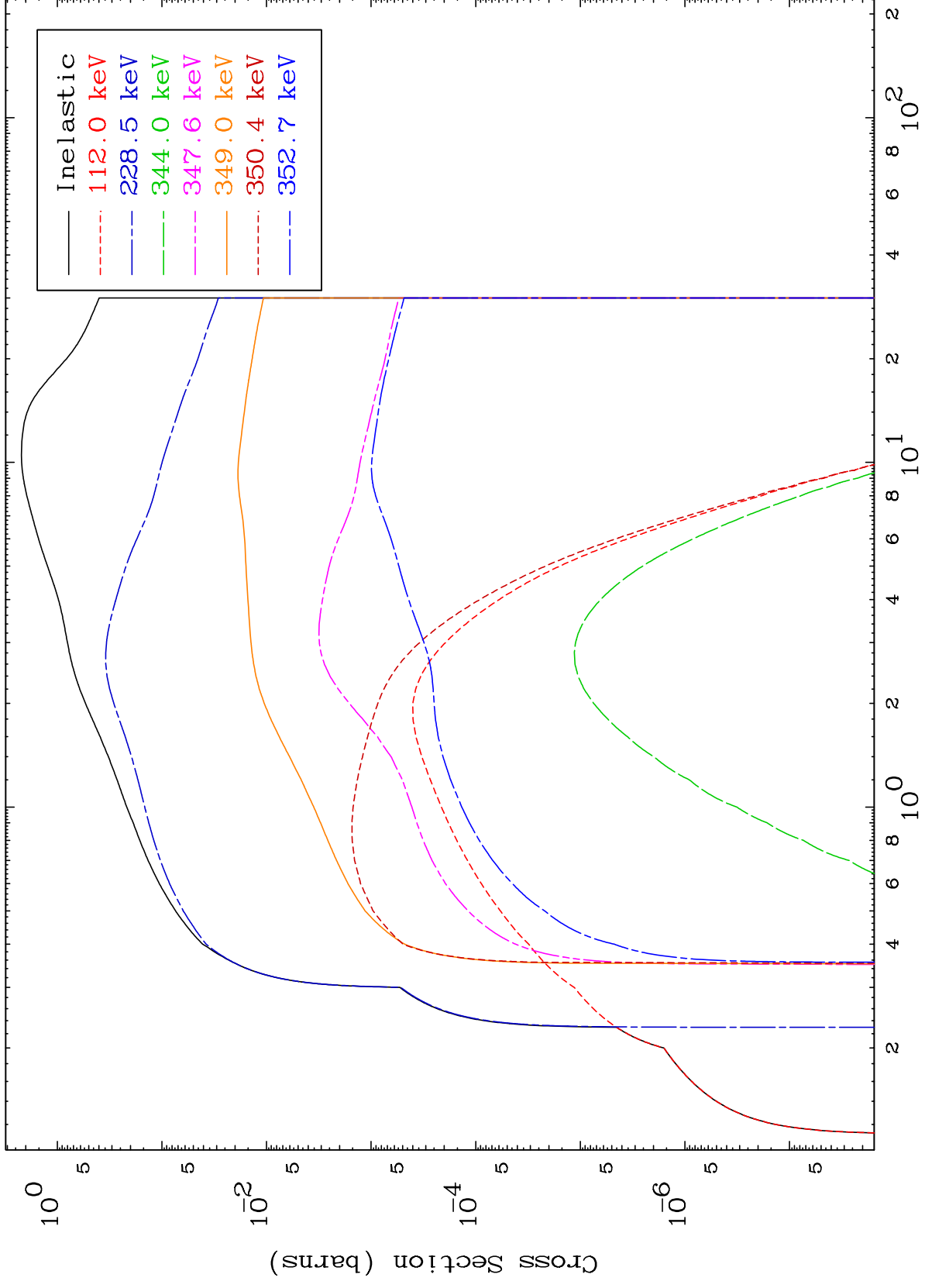


MAT 8516

(n,n') Level

85-At-200

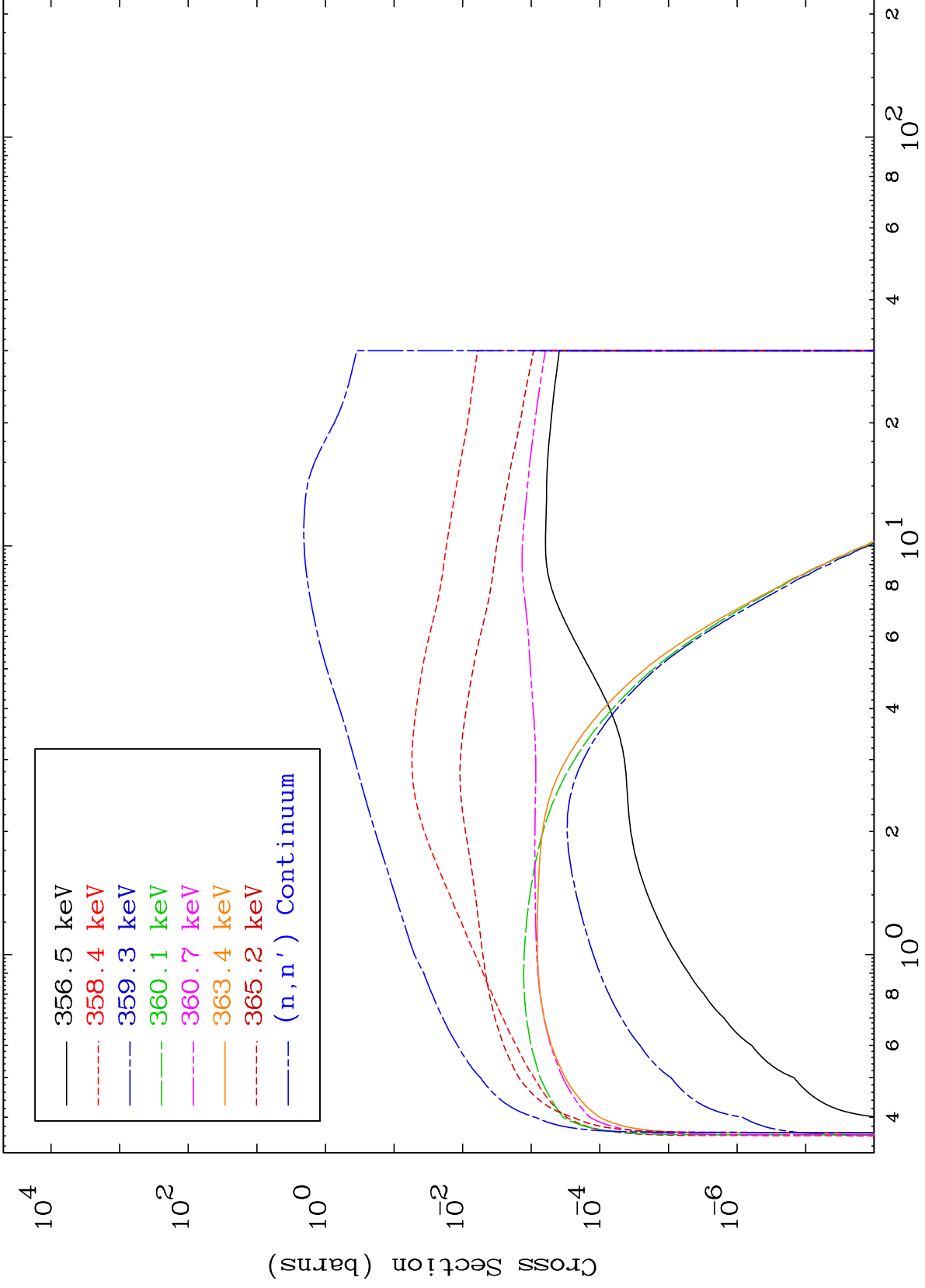
293 Kelvin Cross Sections



MAT 8516

(n,n') Level  
293 Kelvin Cross Sections

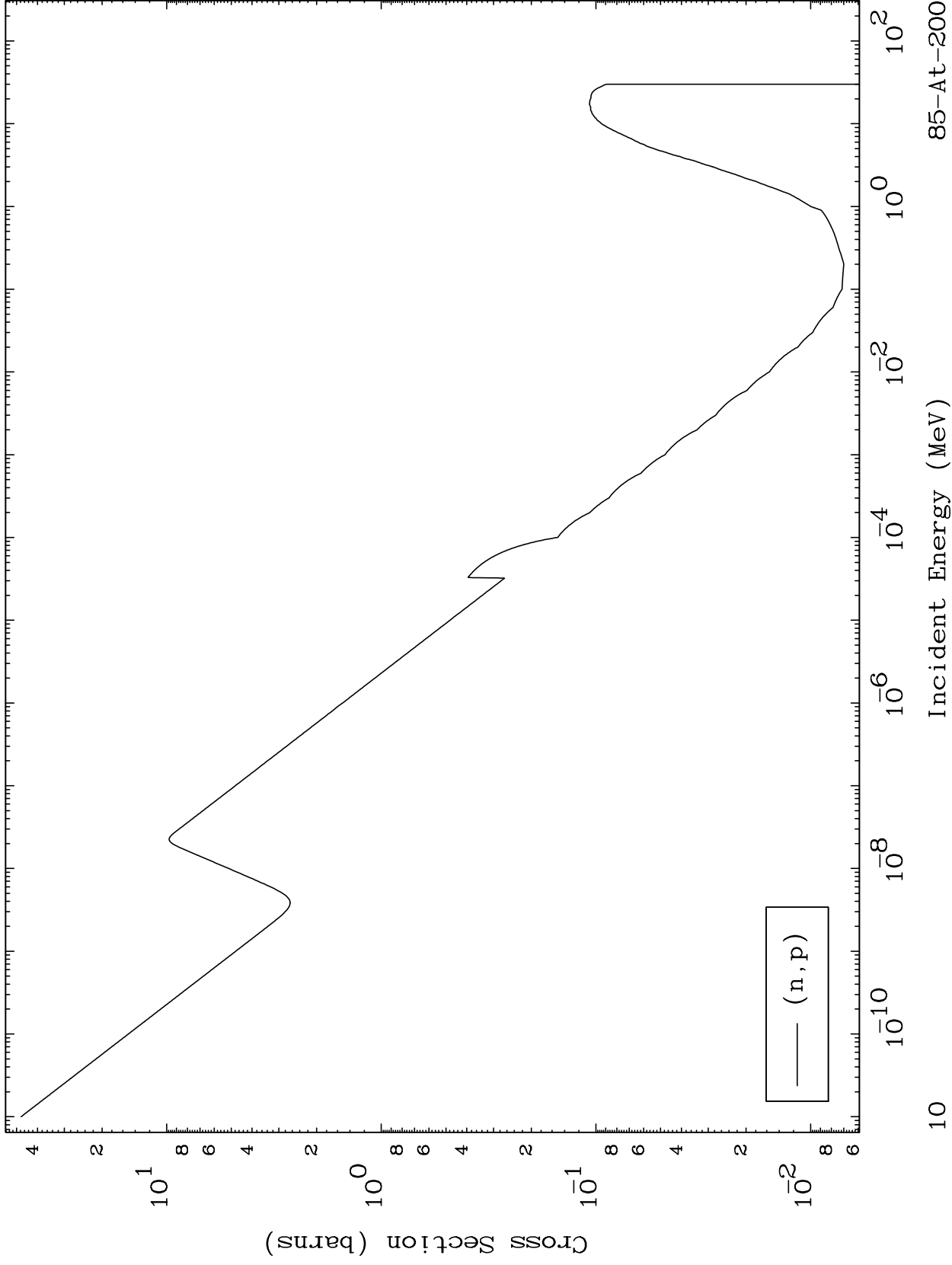
85-At-200



MAT 8516

(n,p) Levels  
293 Kelvin Cross Sections

85-At-200



10

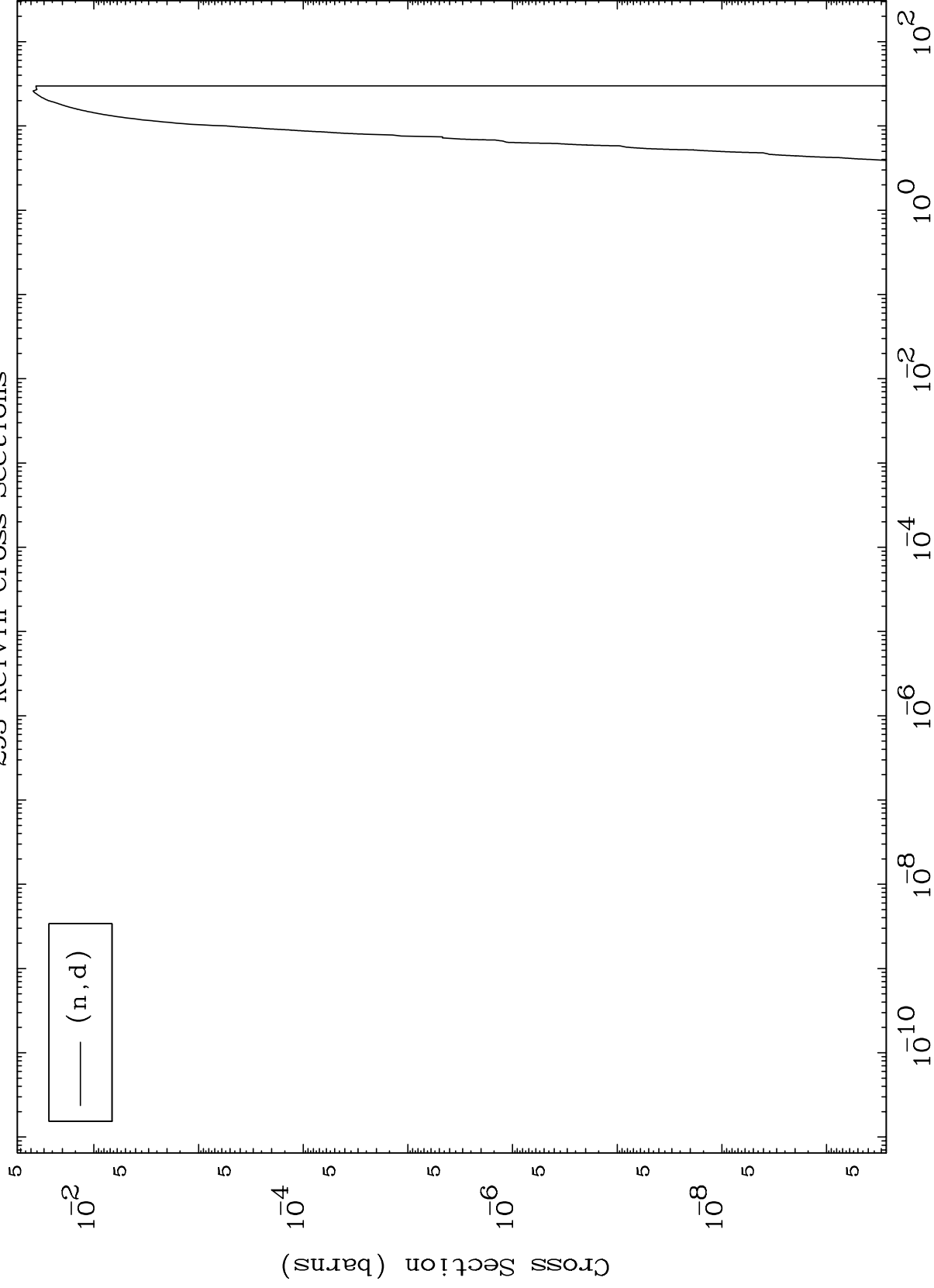
Incident Energy (MeV)

85-At-200

MAT 8516

(n,d) Levels  
293 Kelvin Cross Sections

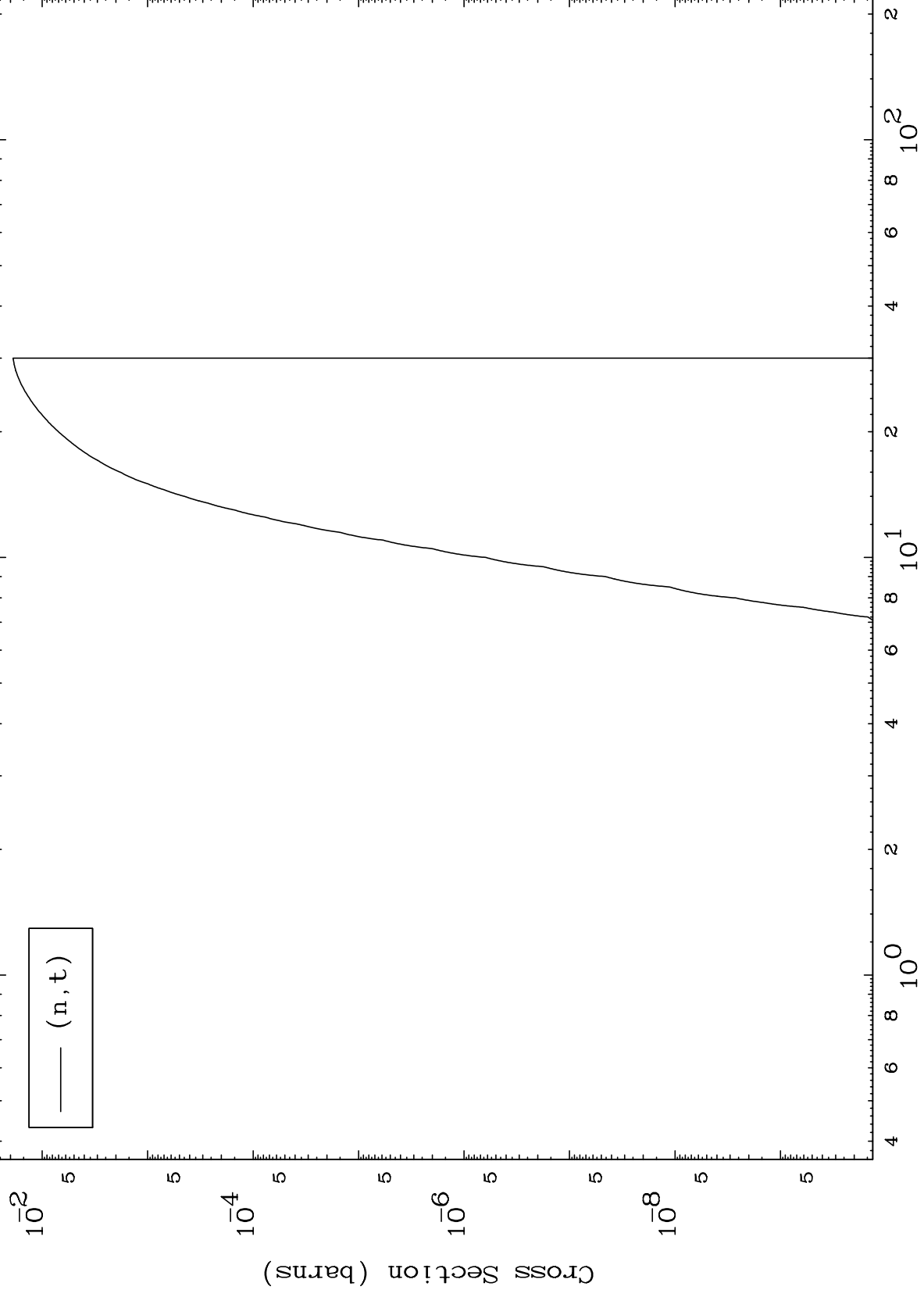
85-At-200



MAT 8516

(n,t) Levels  
293 Kelvin Cross Sections

85-At-200



12

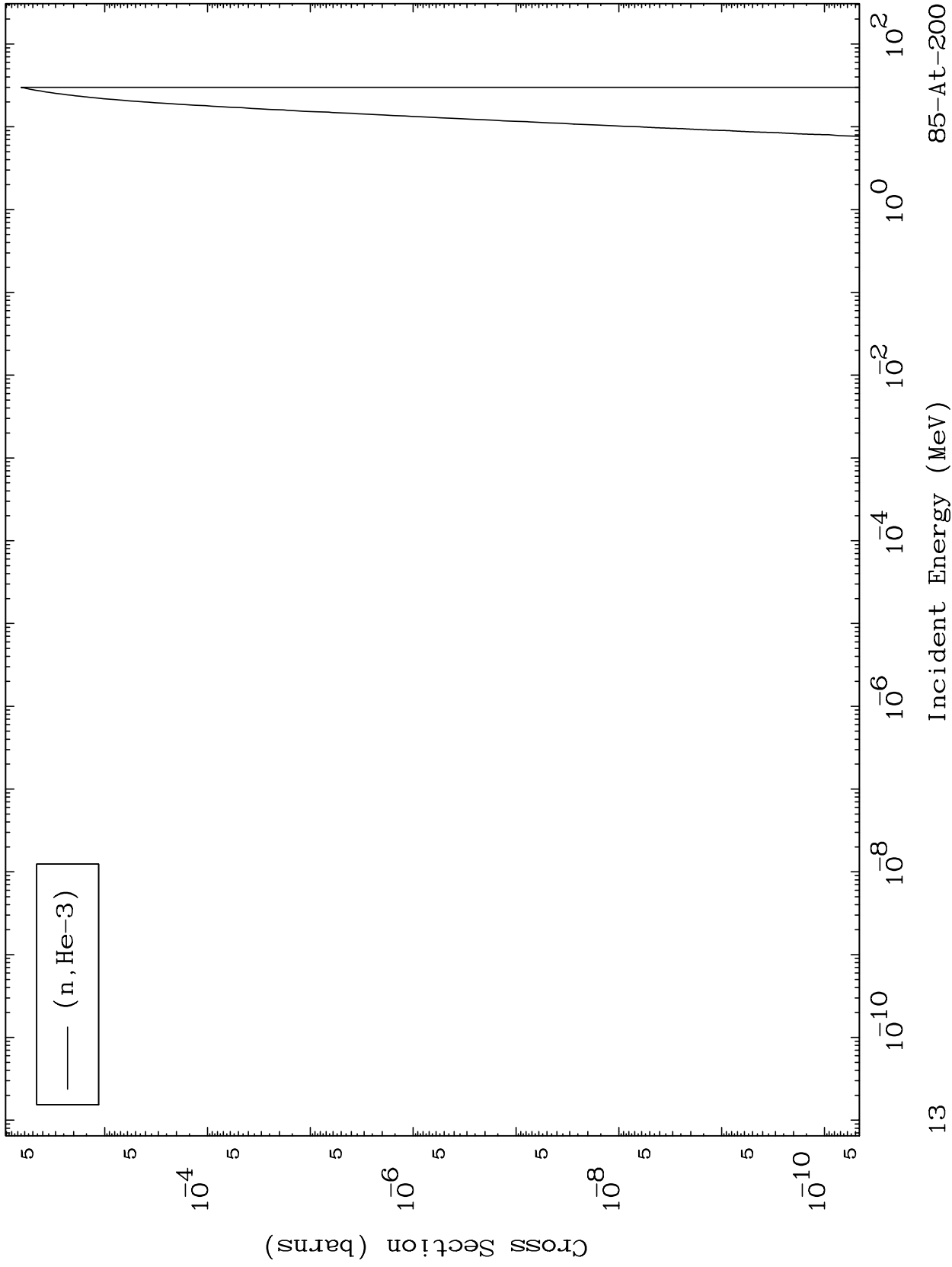
Incident Energy (MeV)

85-At-200

MAT 8516

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-200

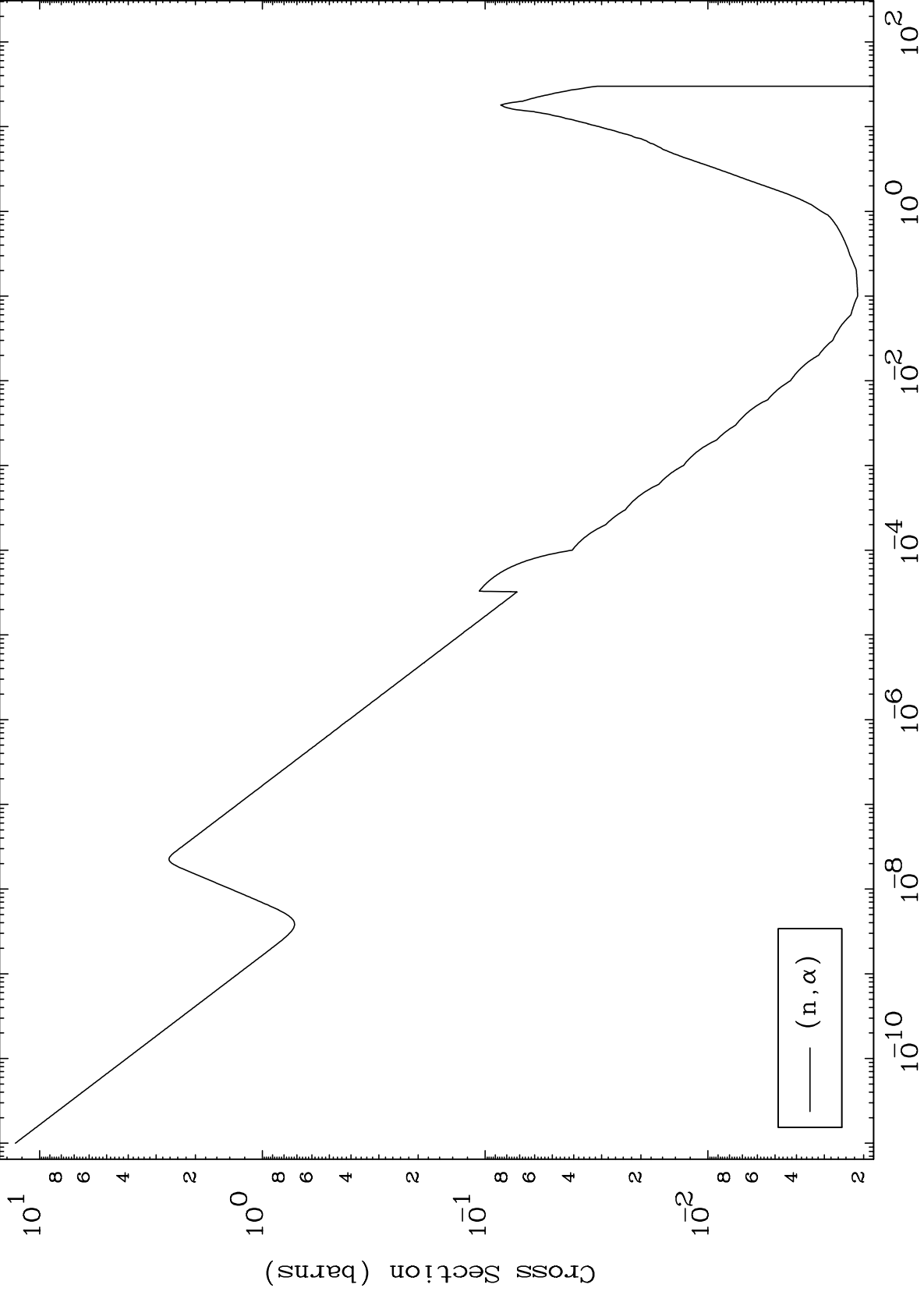


(n, He-3)

MAT 8516

(n,α) Levels  
293 Kelvin Cross Sections

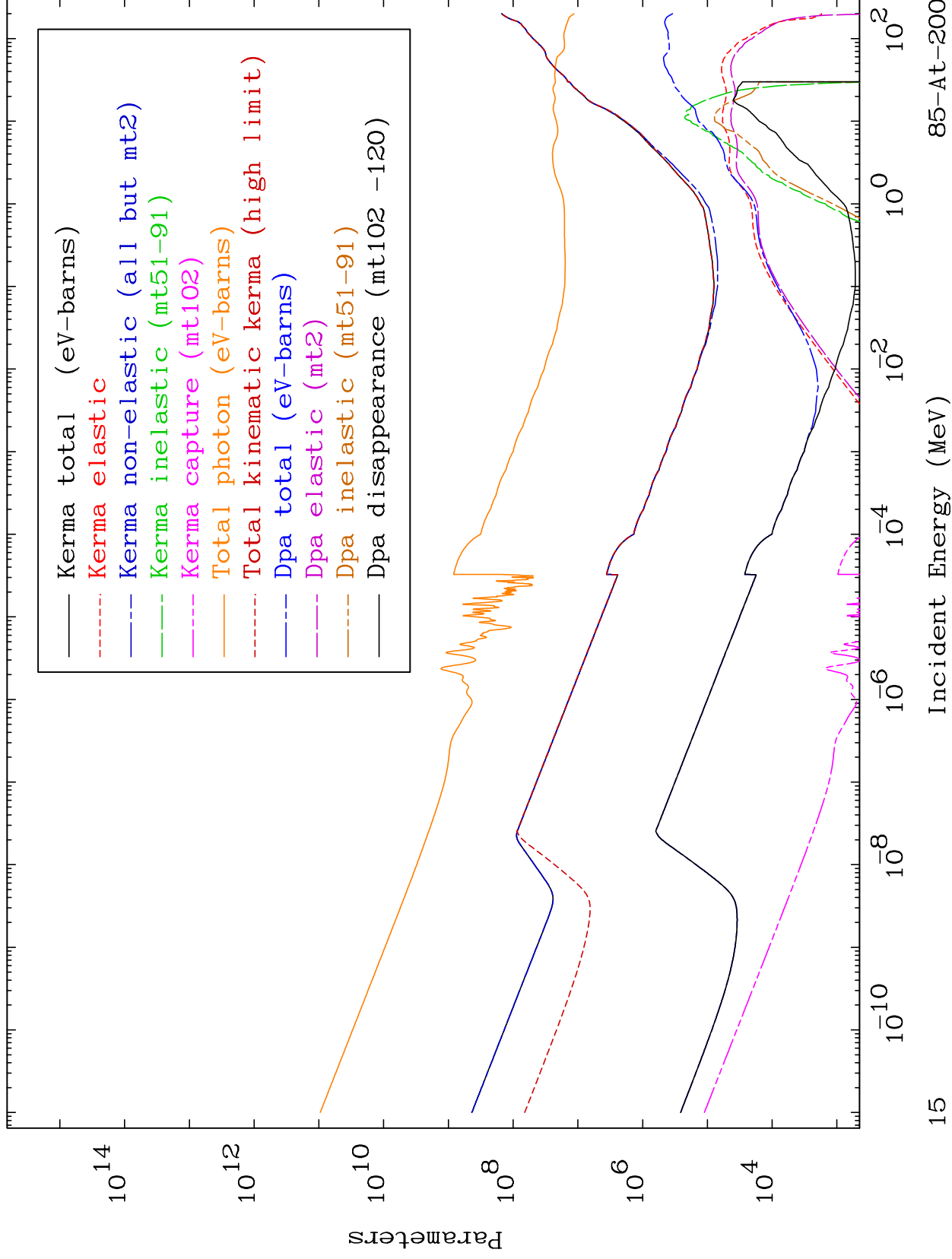
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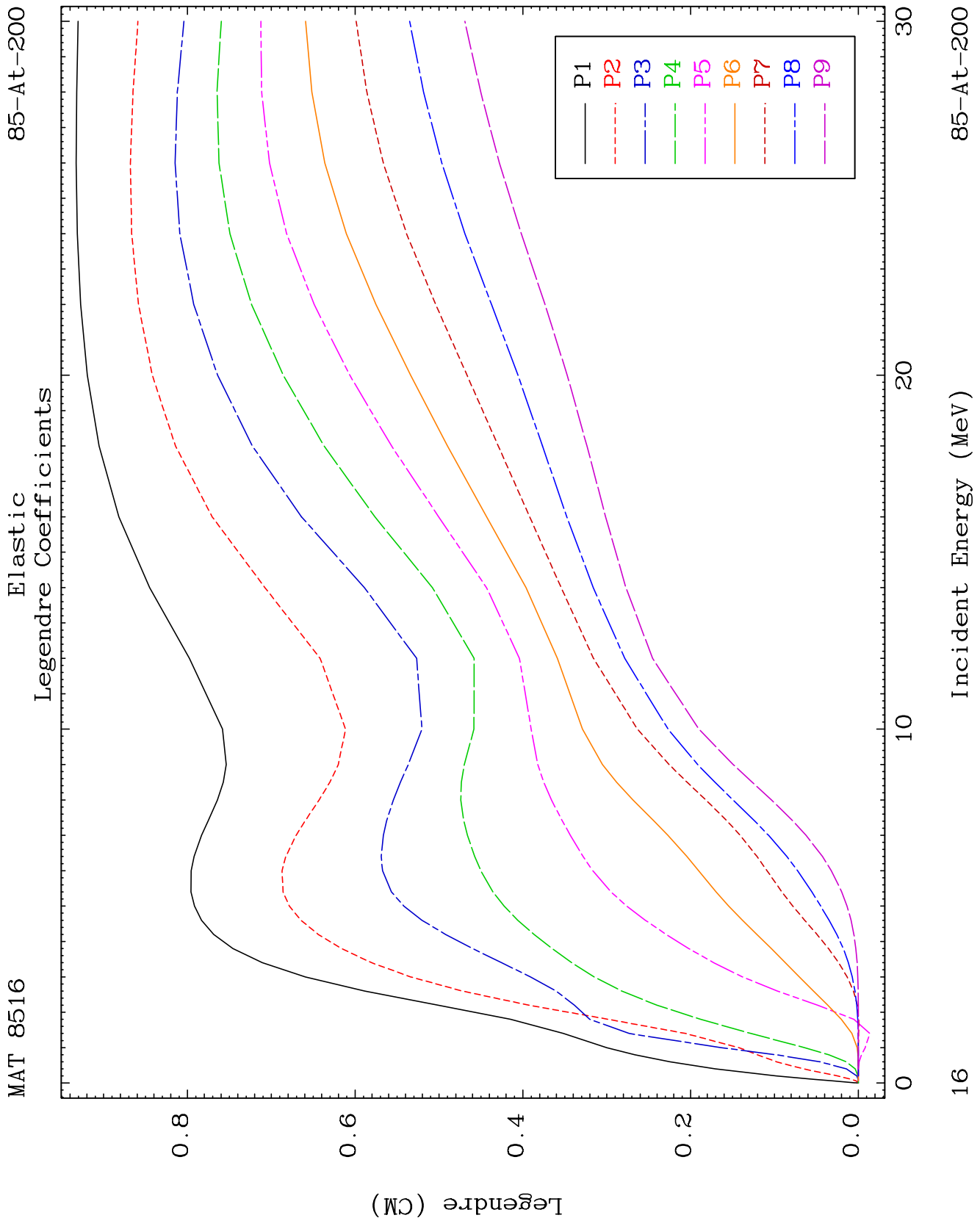
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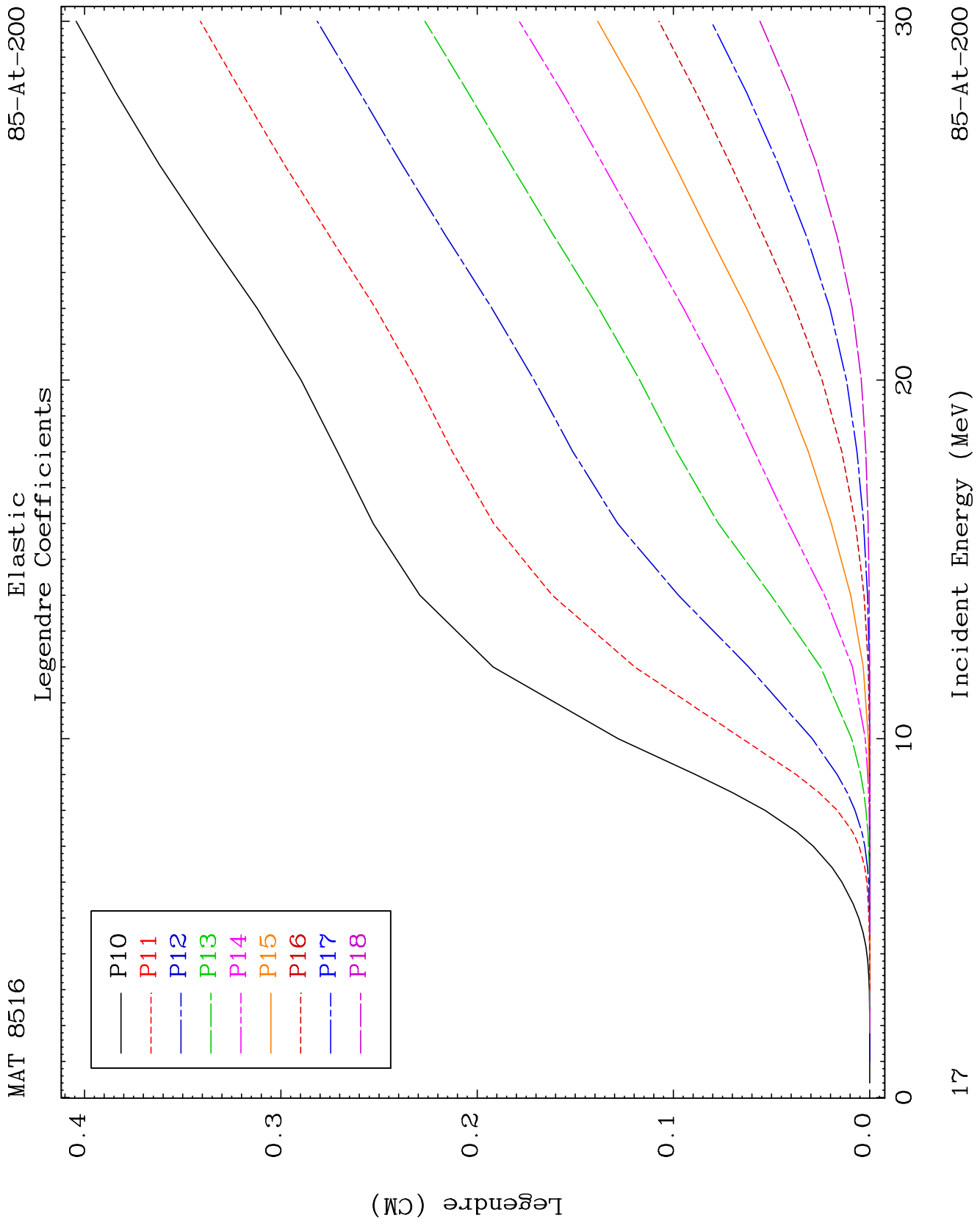
Incident Energy (MeV)

85-At-200





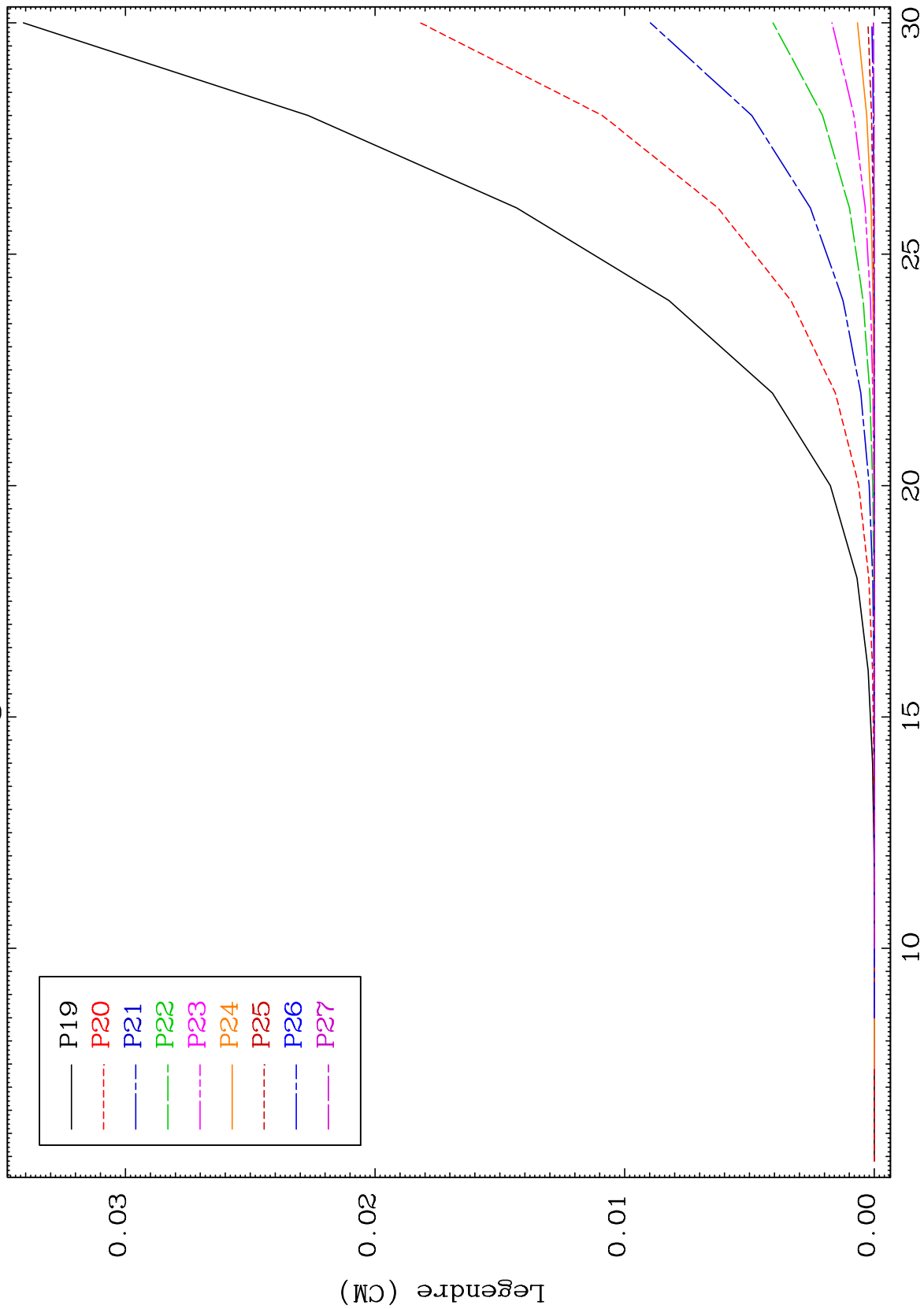




MAT 8516

Elastic  
Legendre Coefficients

85-At-200



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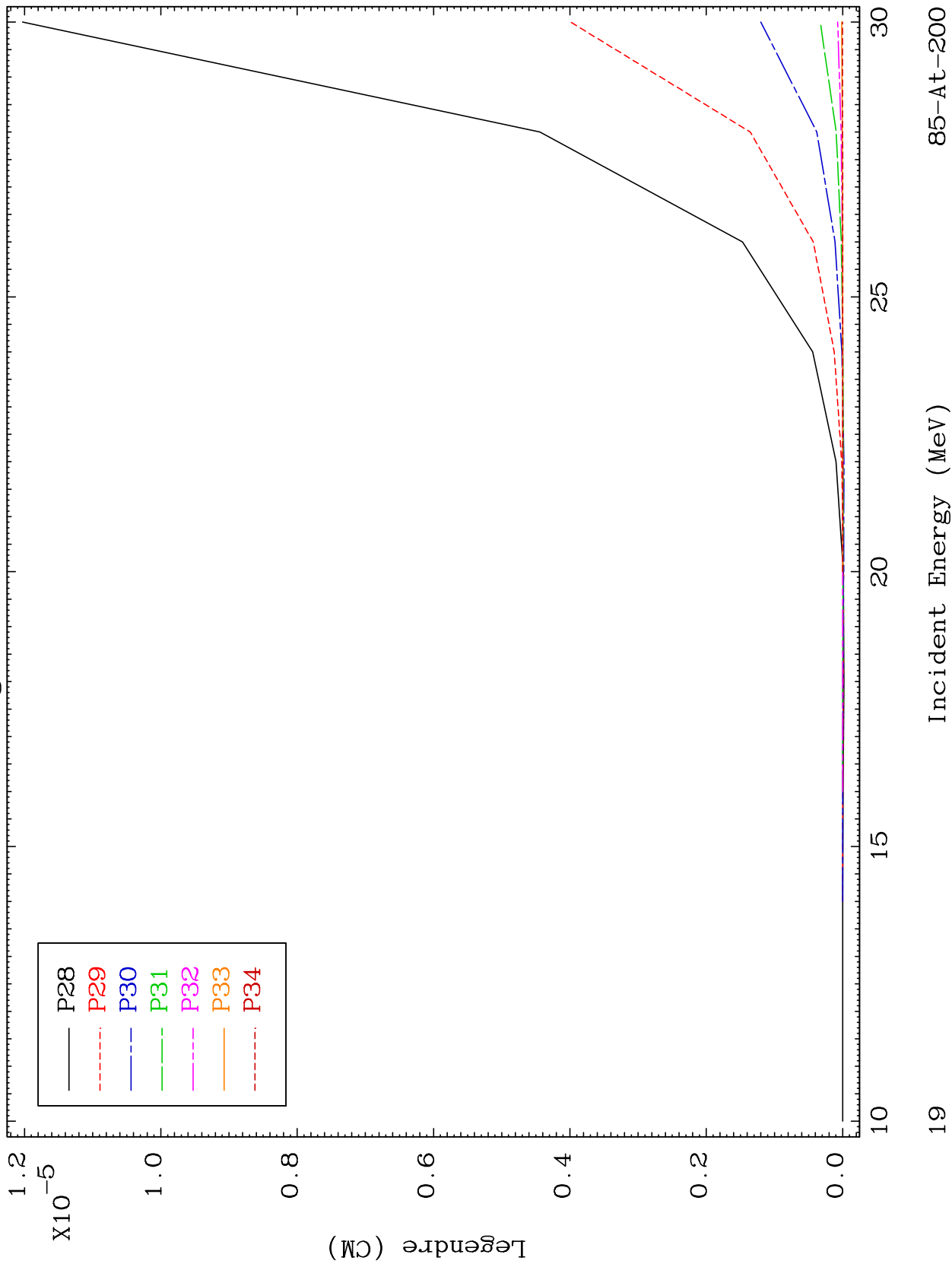
Incident Energy (MeV)

85-At-200

MAT 8516

Elastic  
Legendre Coefficients

85-At-200

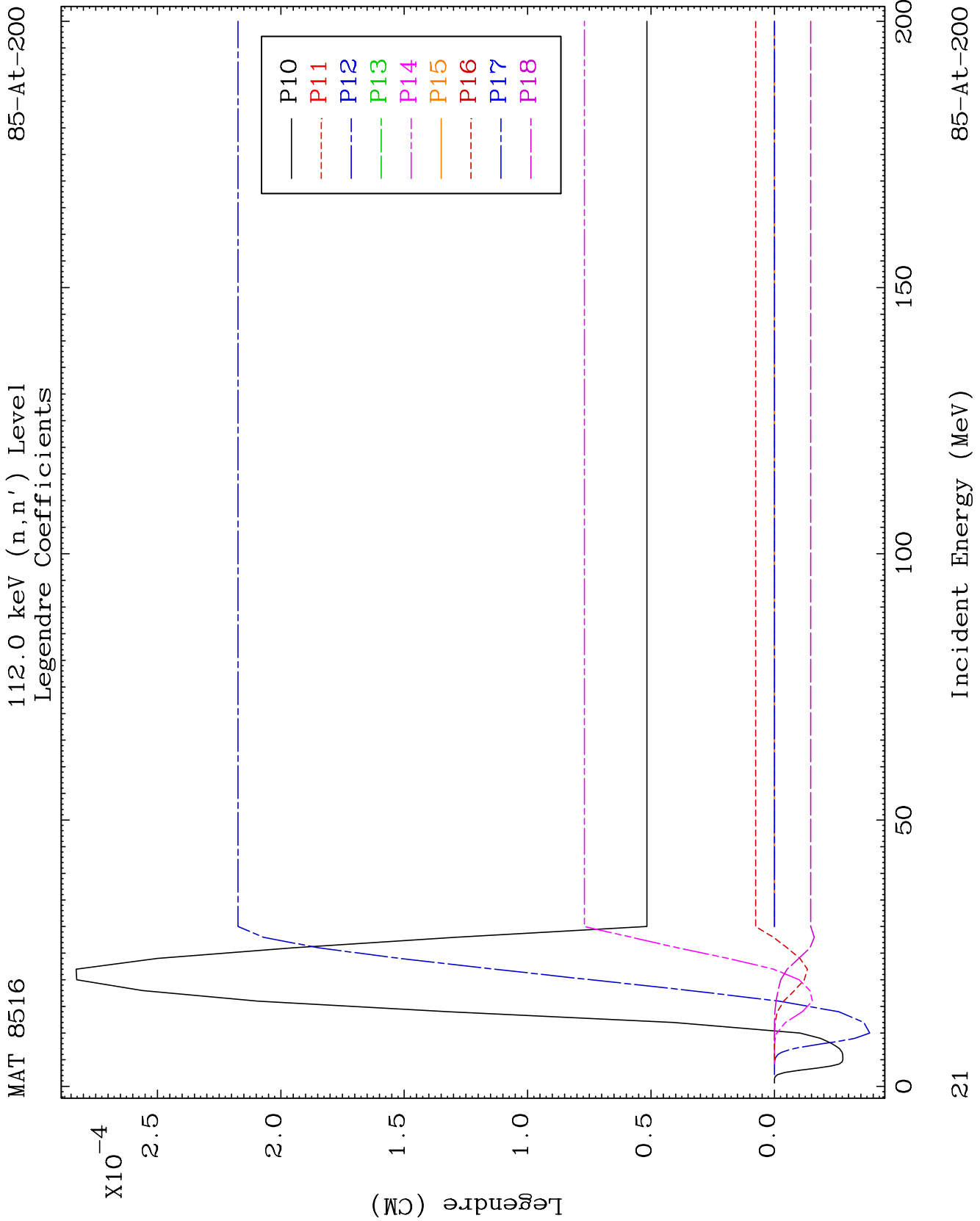


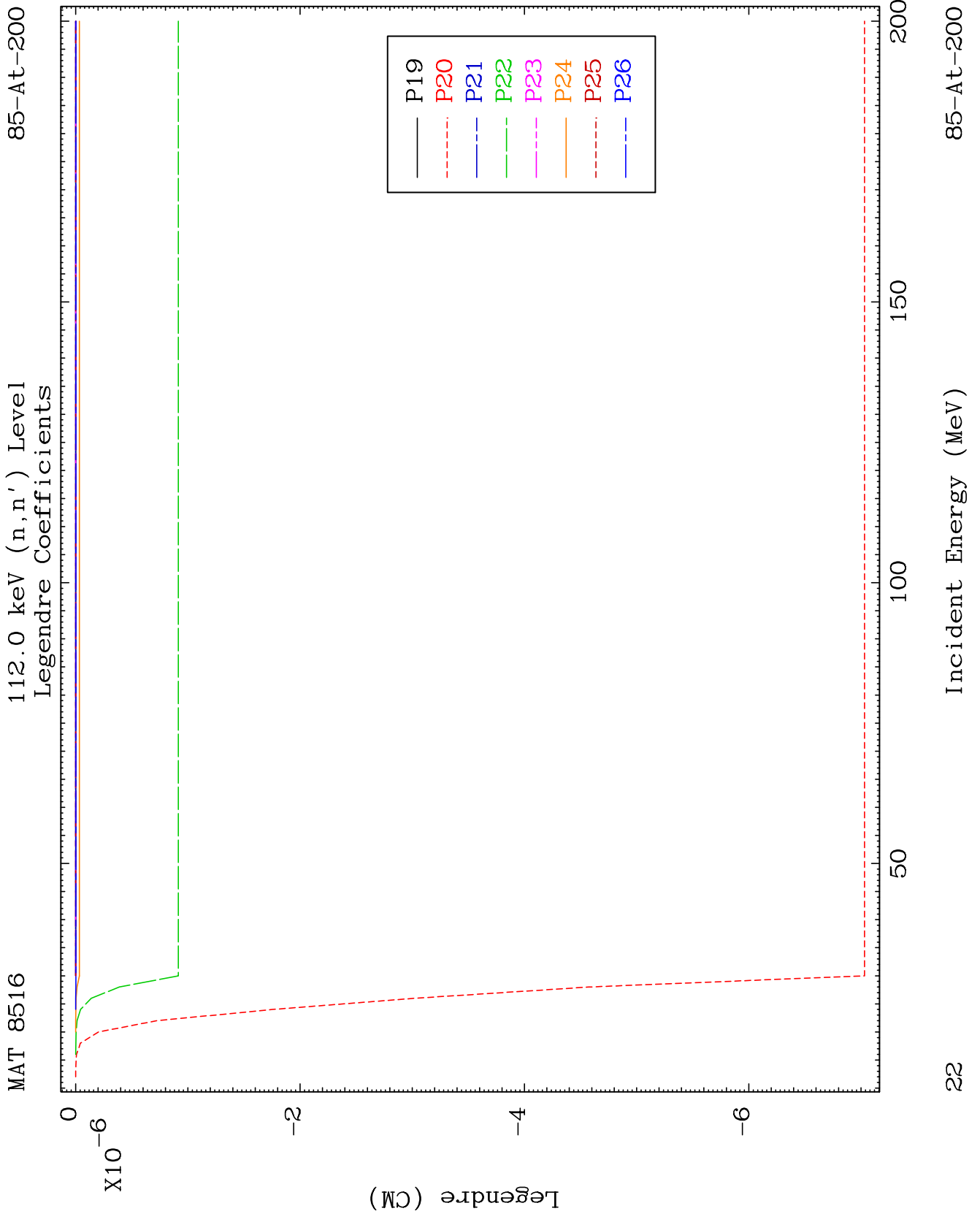
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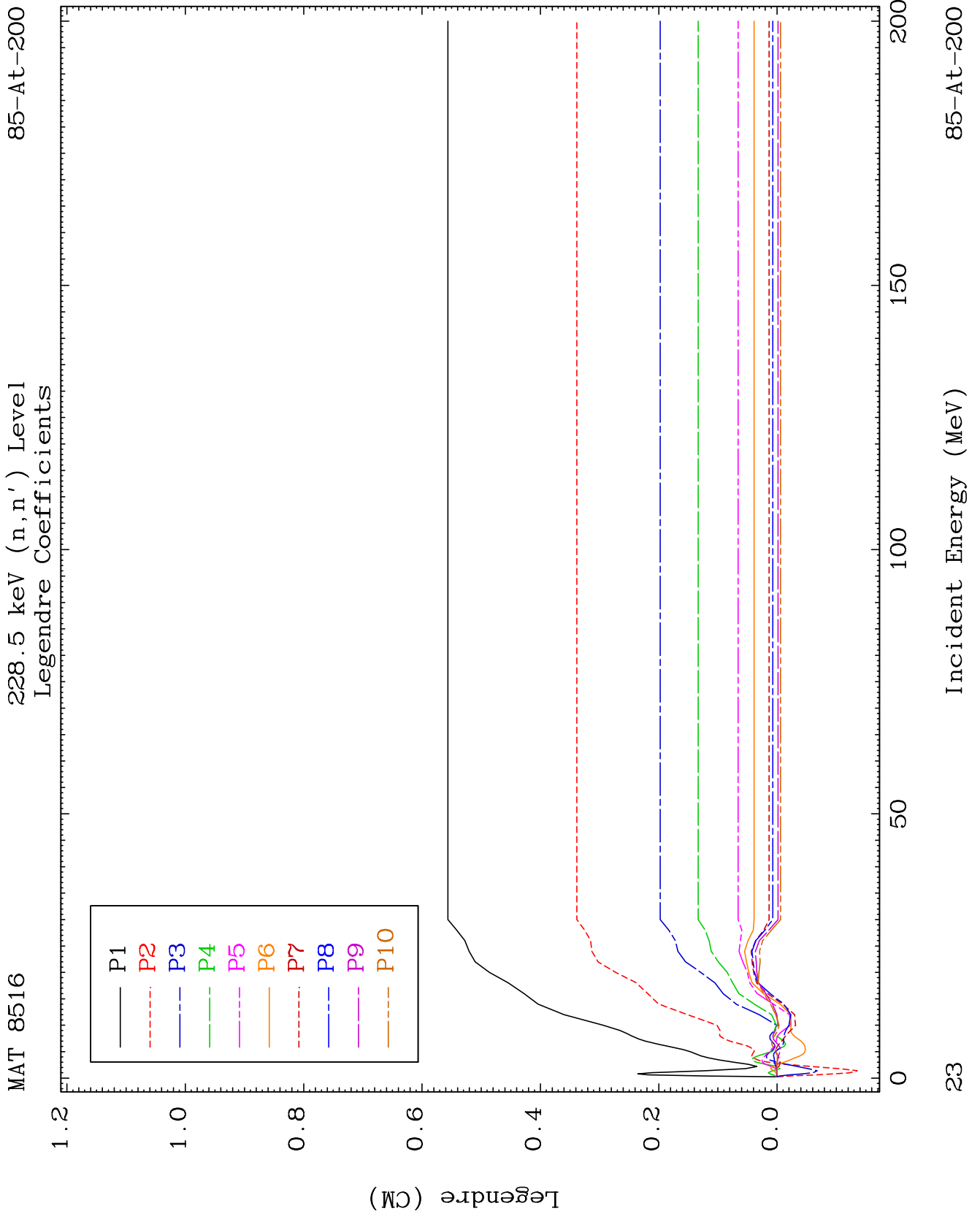
Incident Energy (MeV)

85-At-200



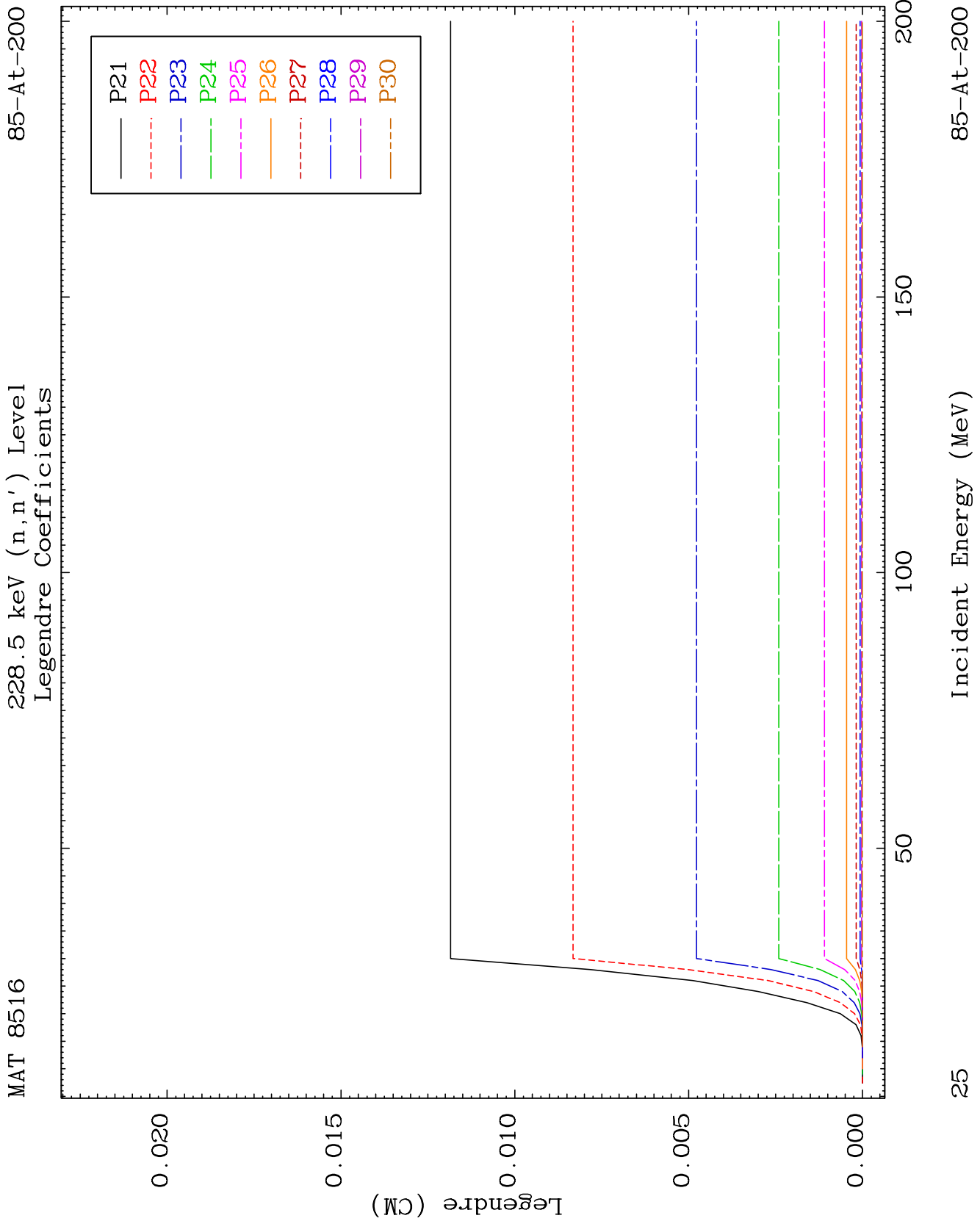


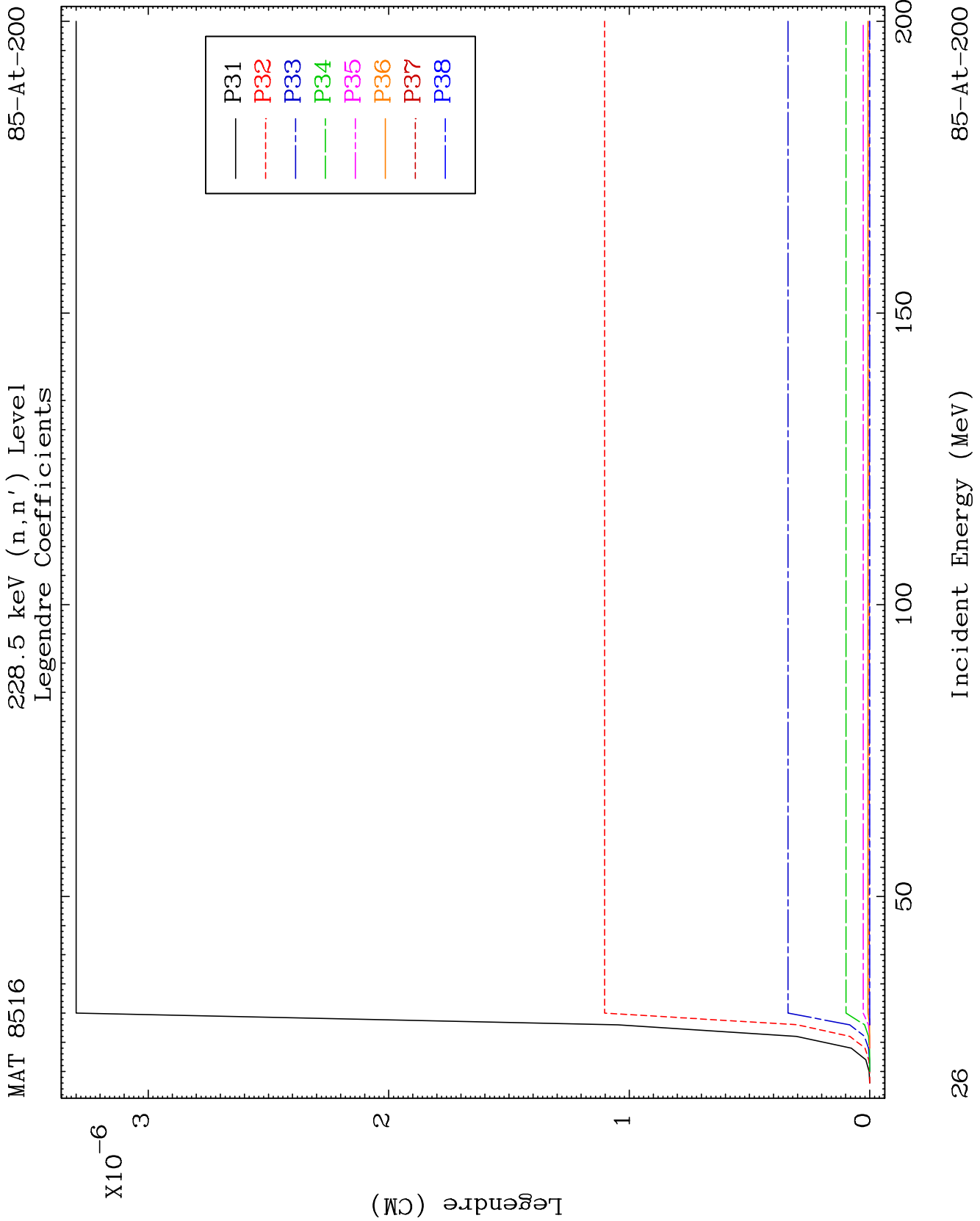




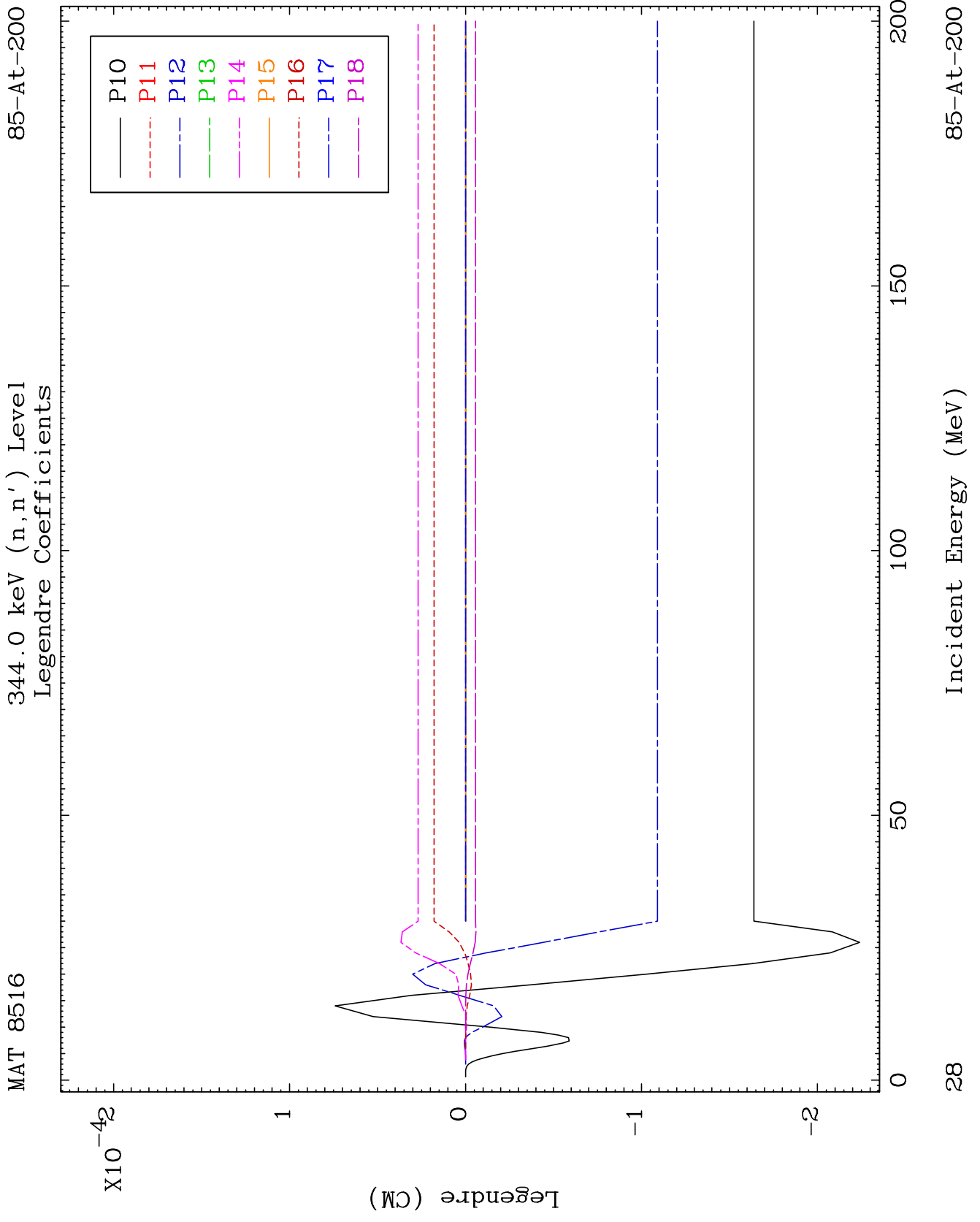


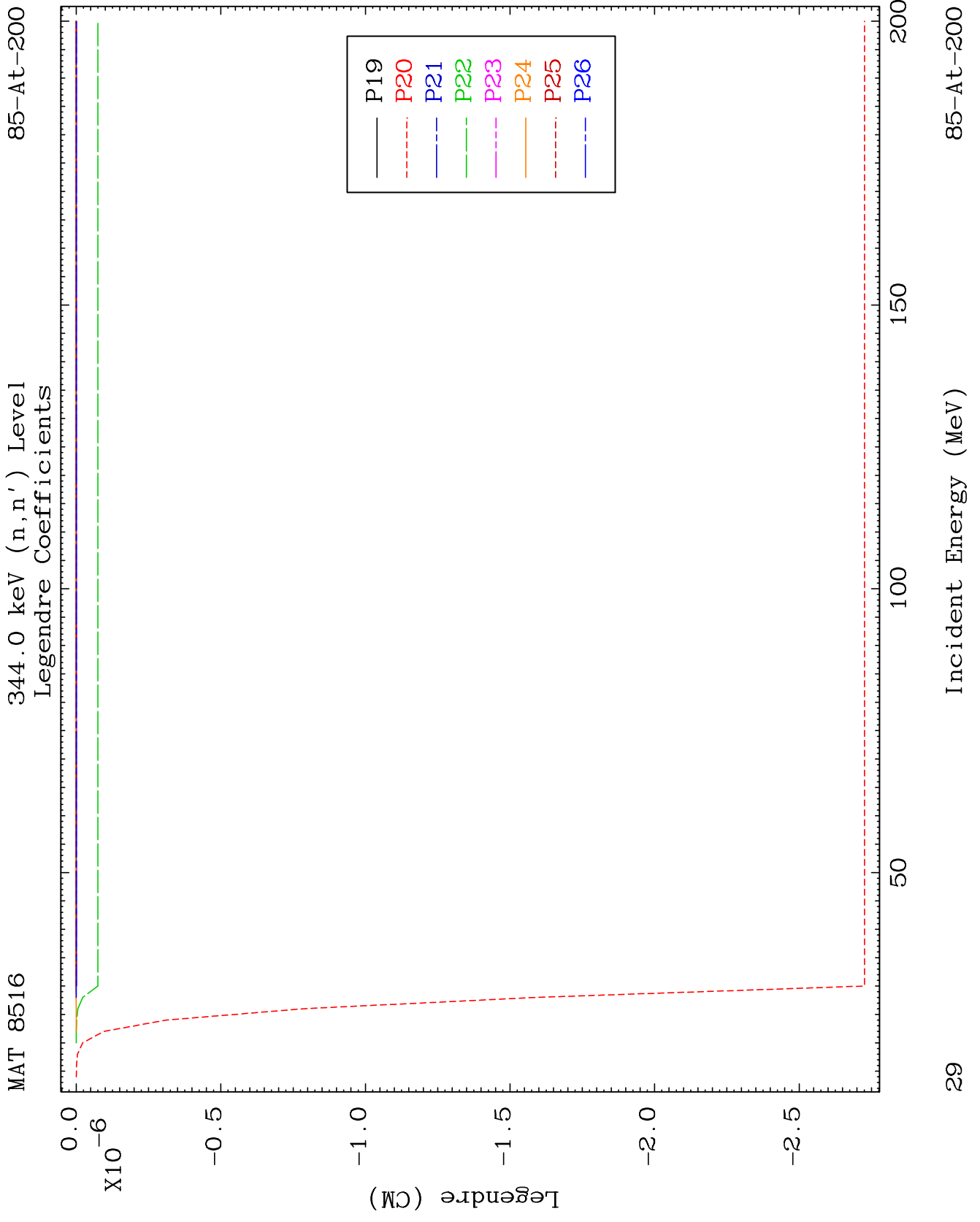


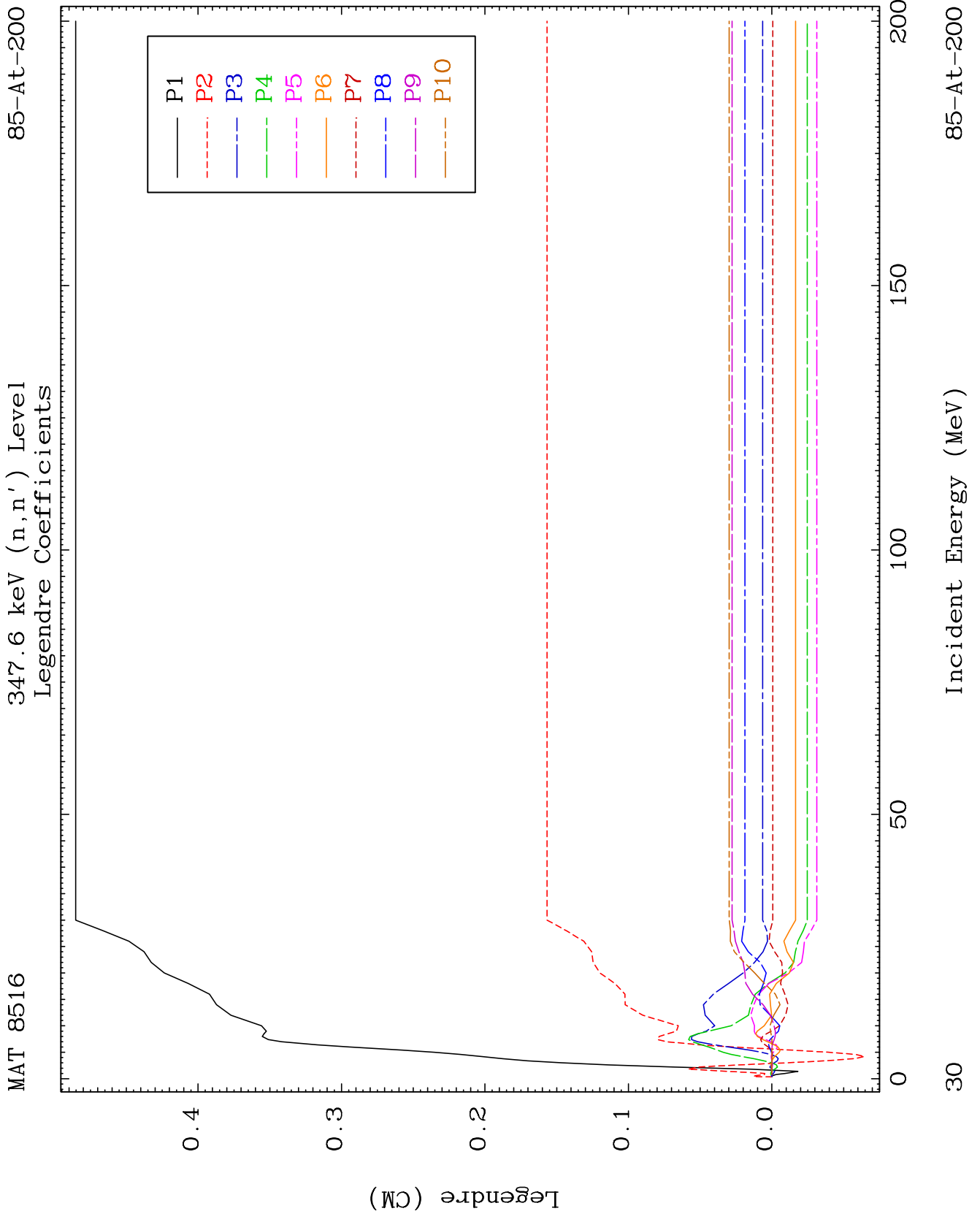








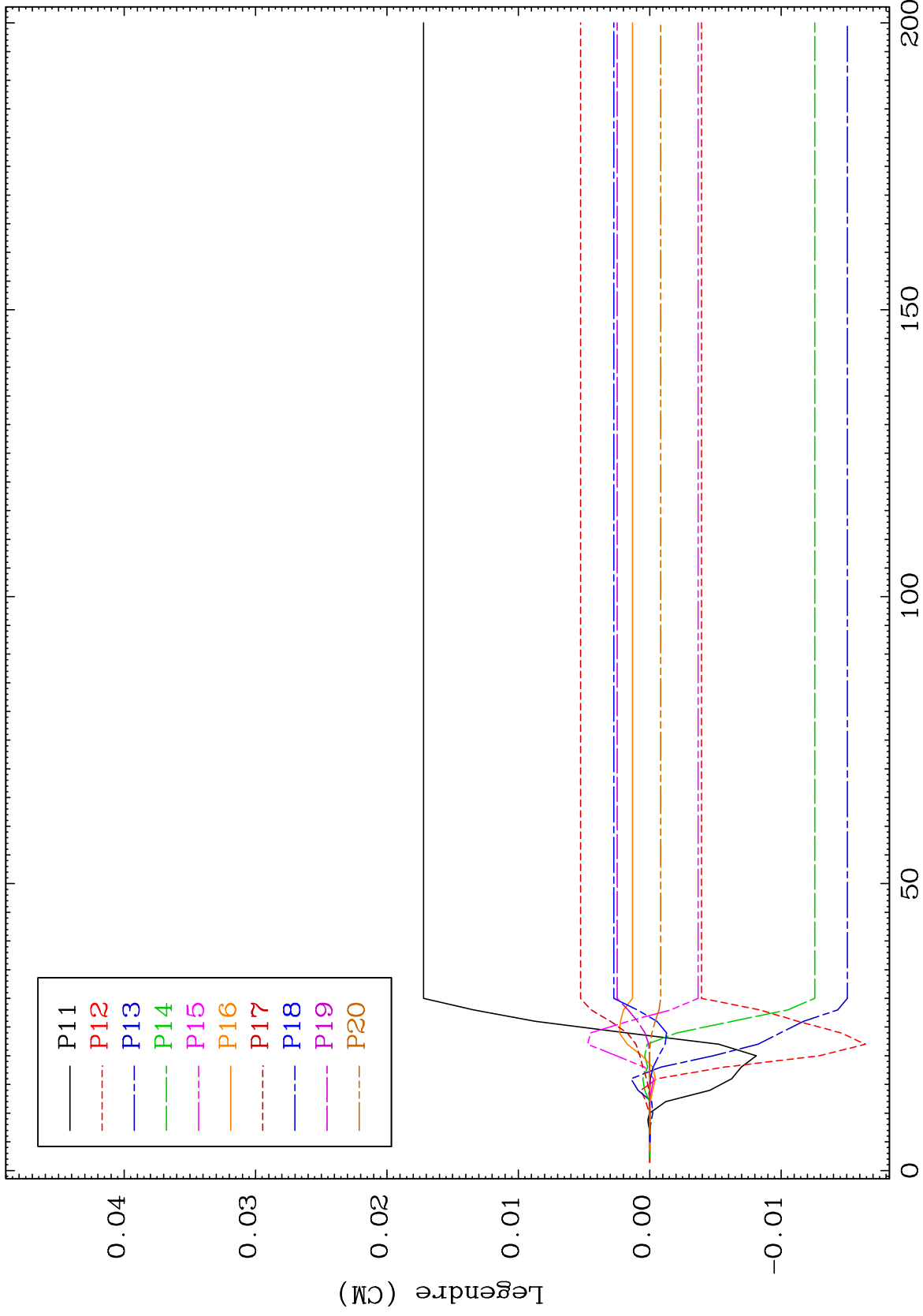




MAT 8516

347.6 keV (n,n') Level  
Legendre Coefficients

85-At-200

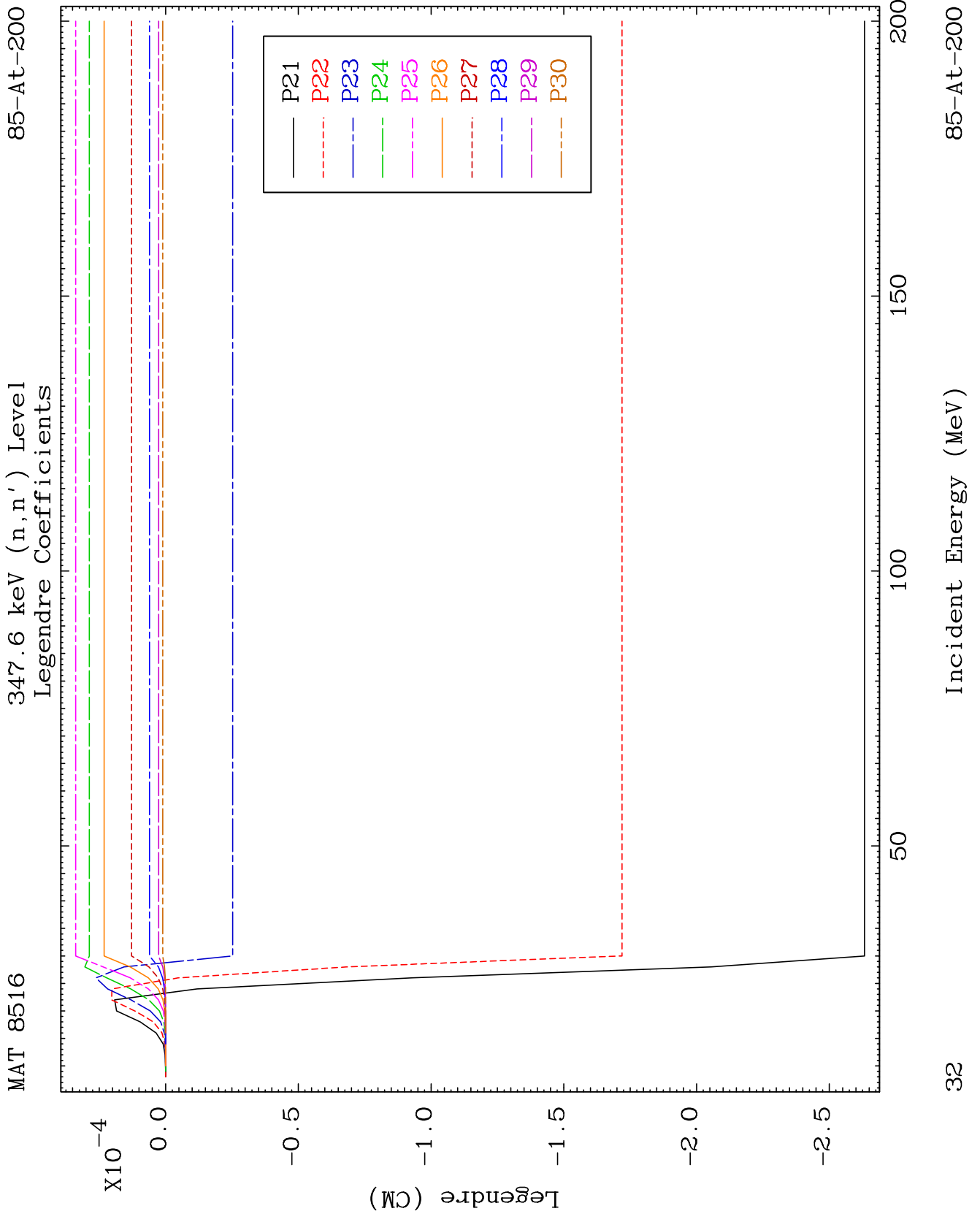


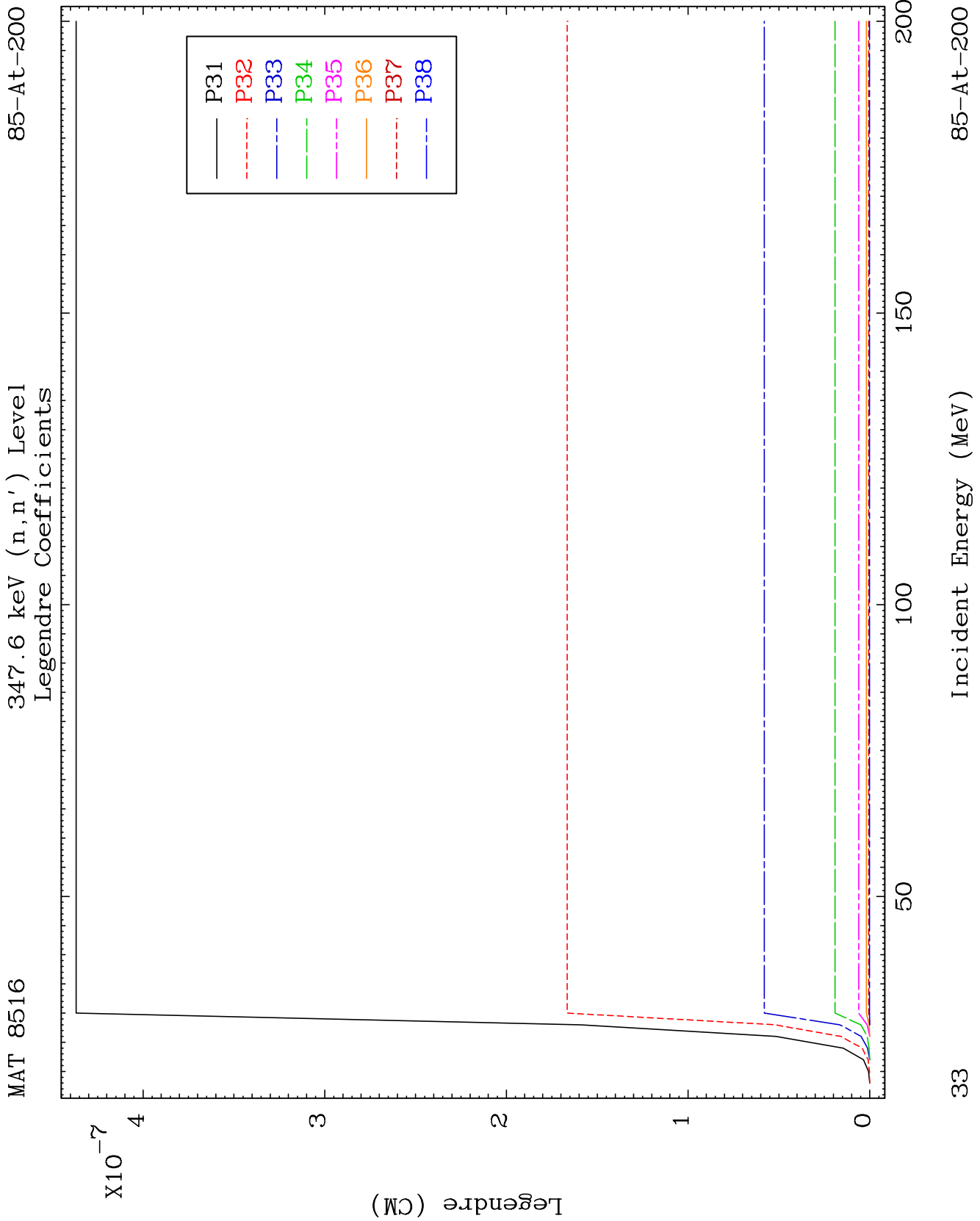
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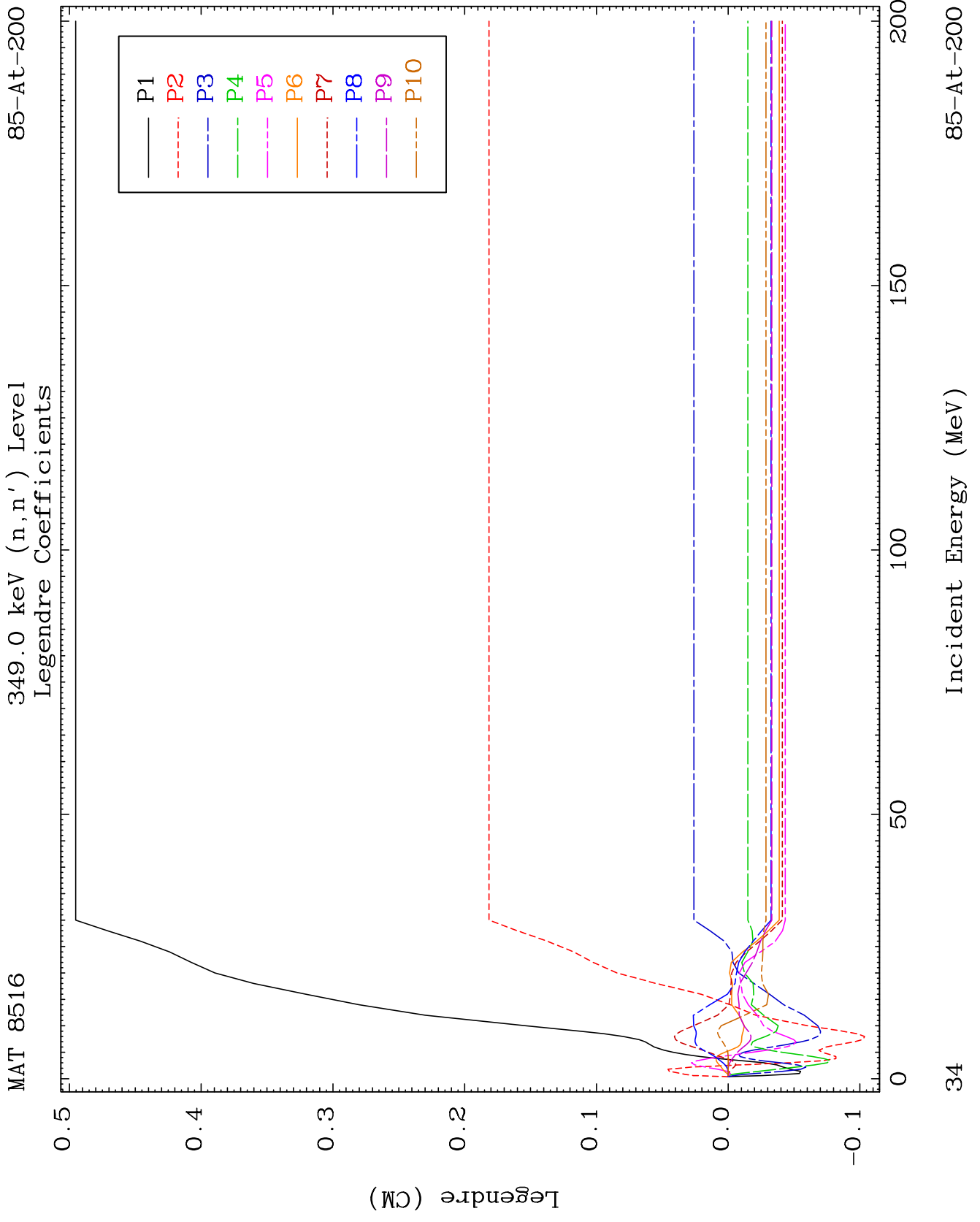
Incident Energy (MeV)

85-At-200





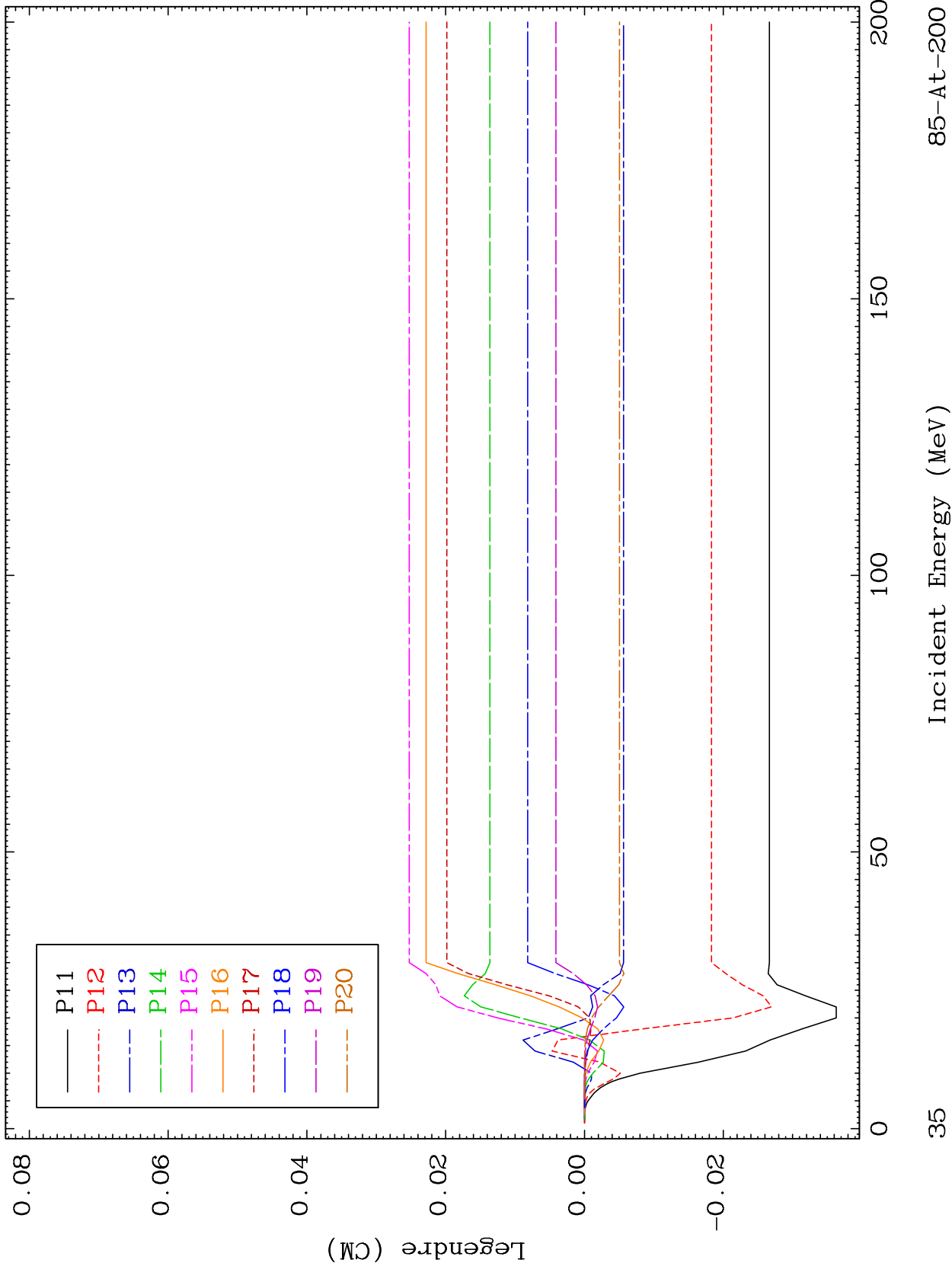




MAT 8516

349.0 keV (n,n') Level  
Legendre Coefficients

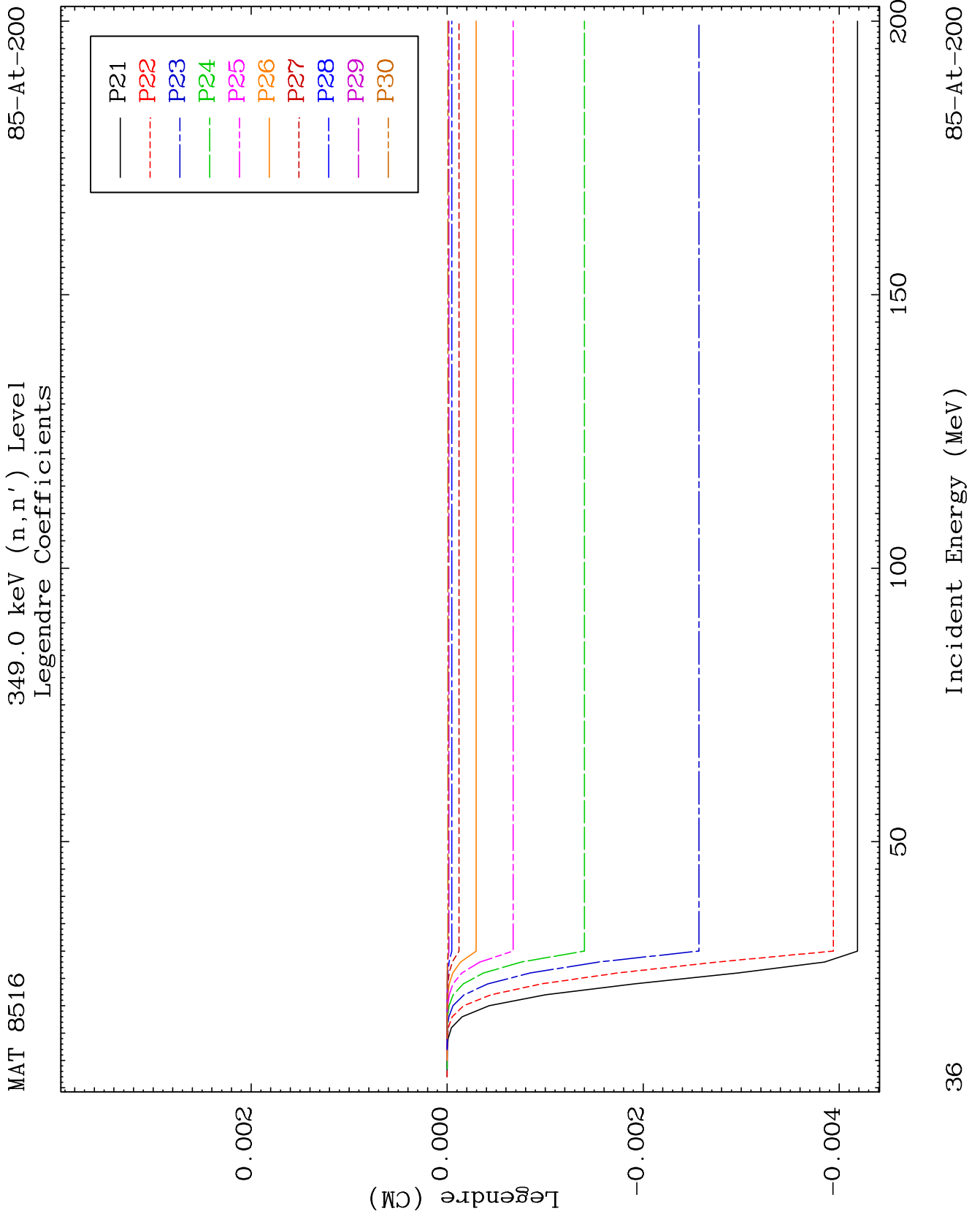
85-At-200

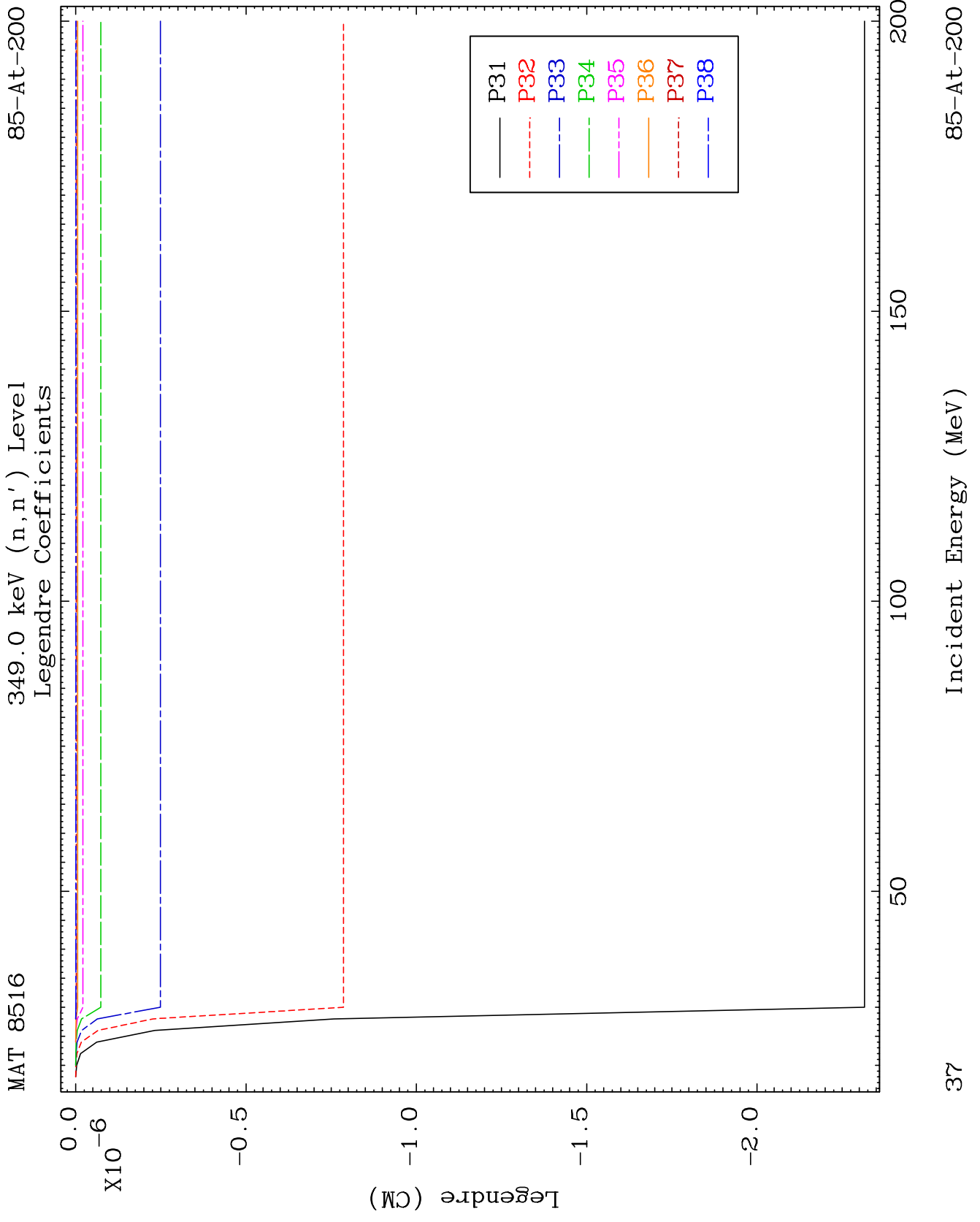


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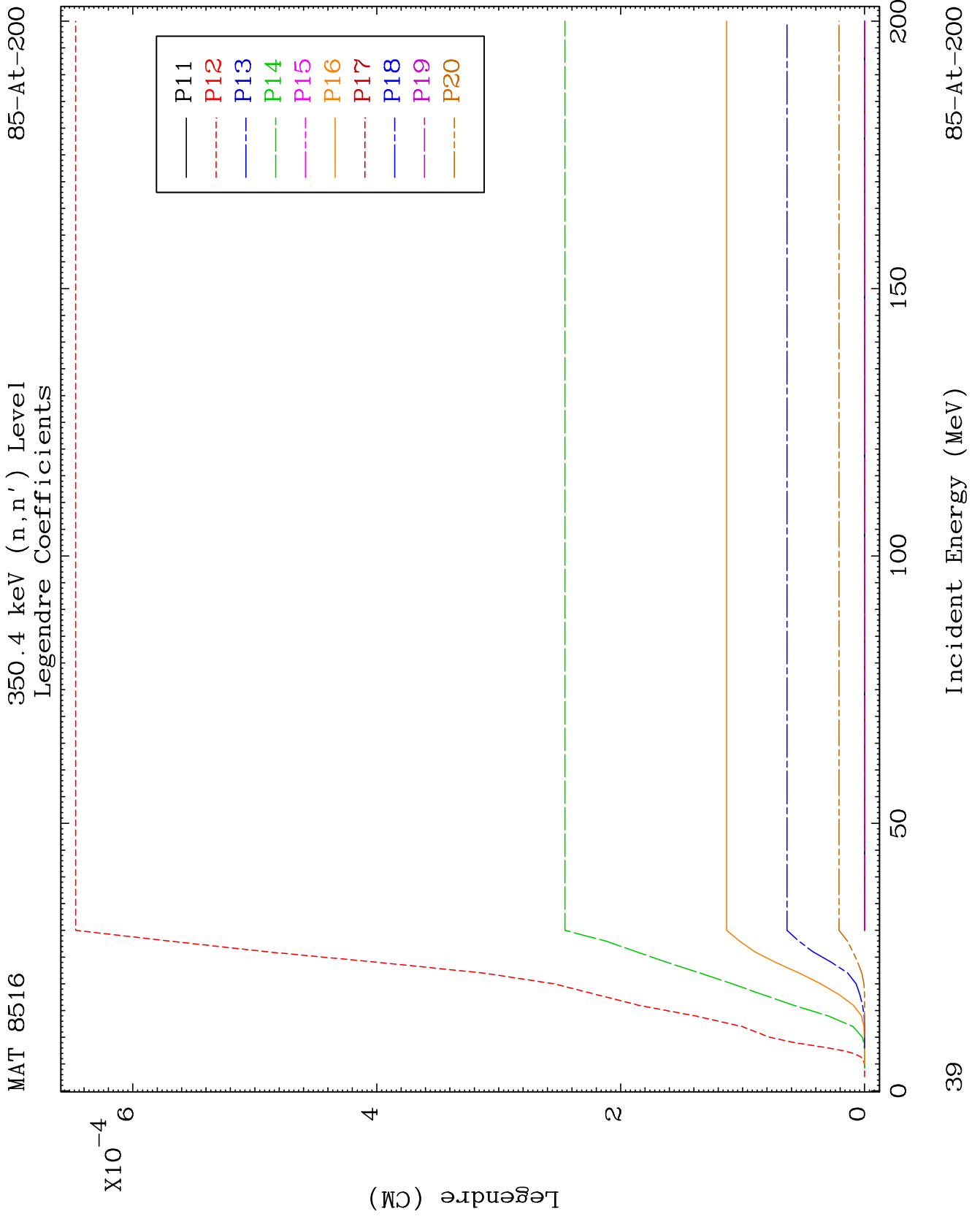
Incident Energy (MeV)

85-At-200





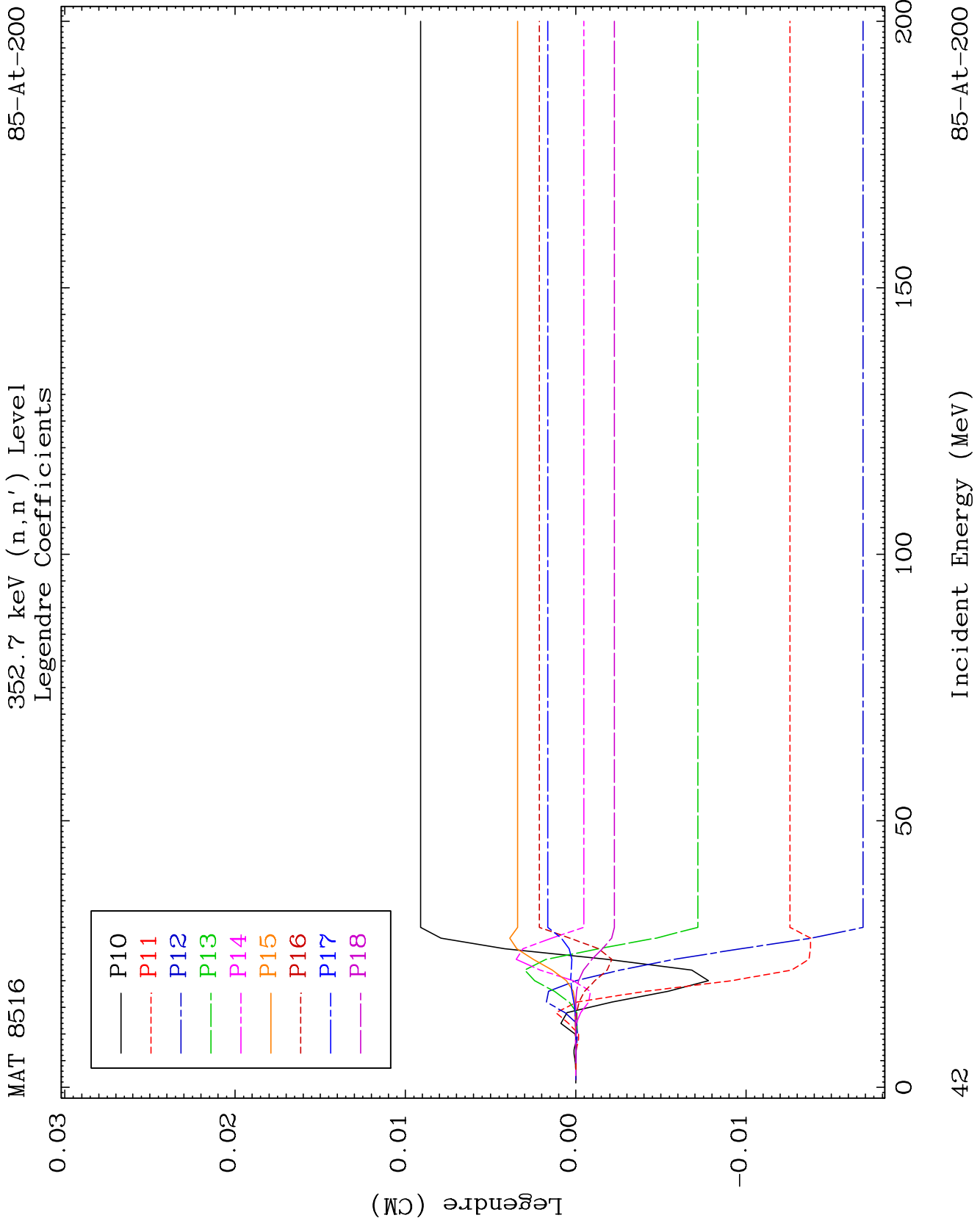


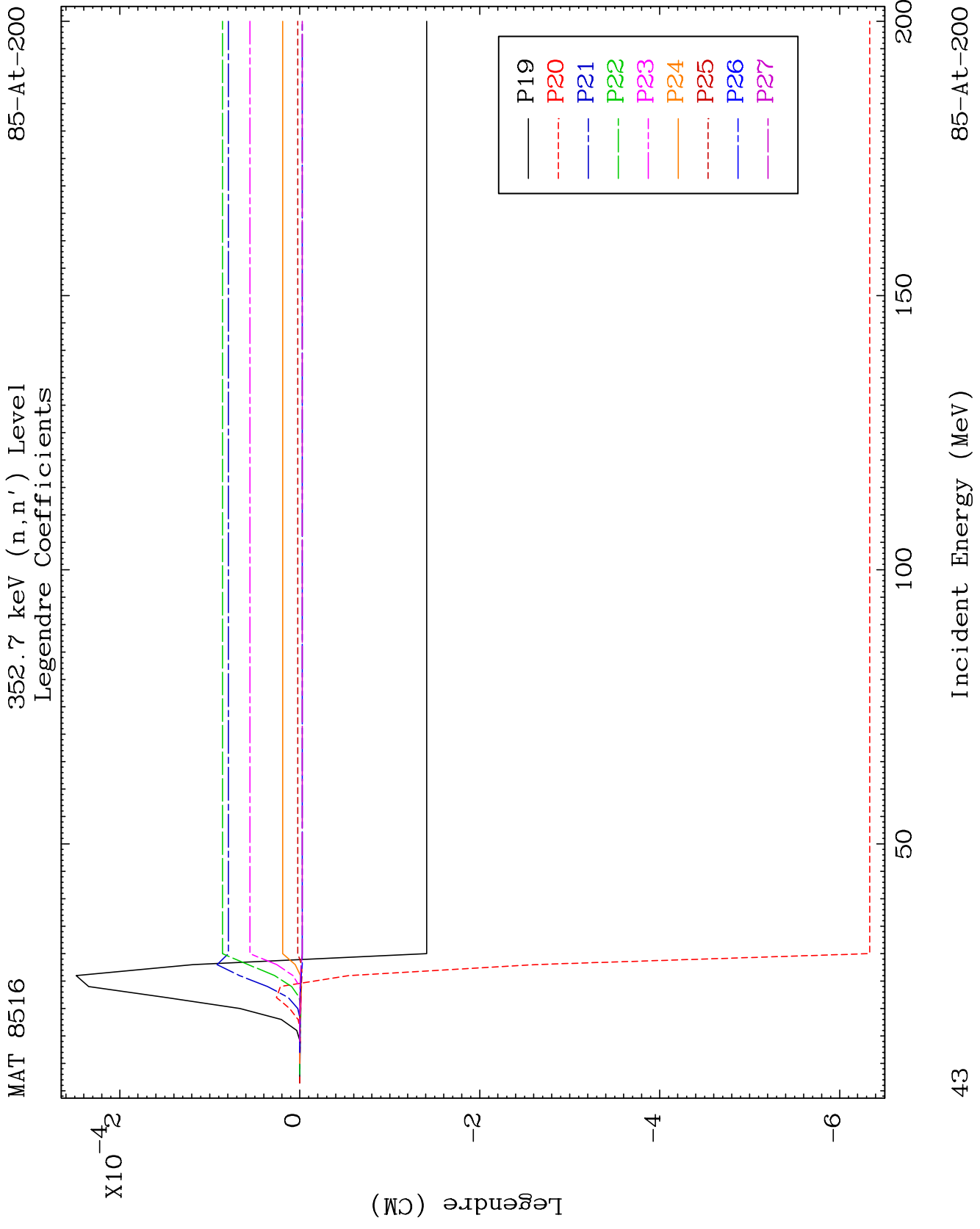


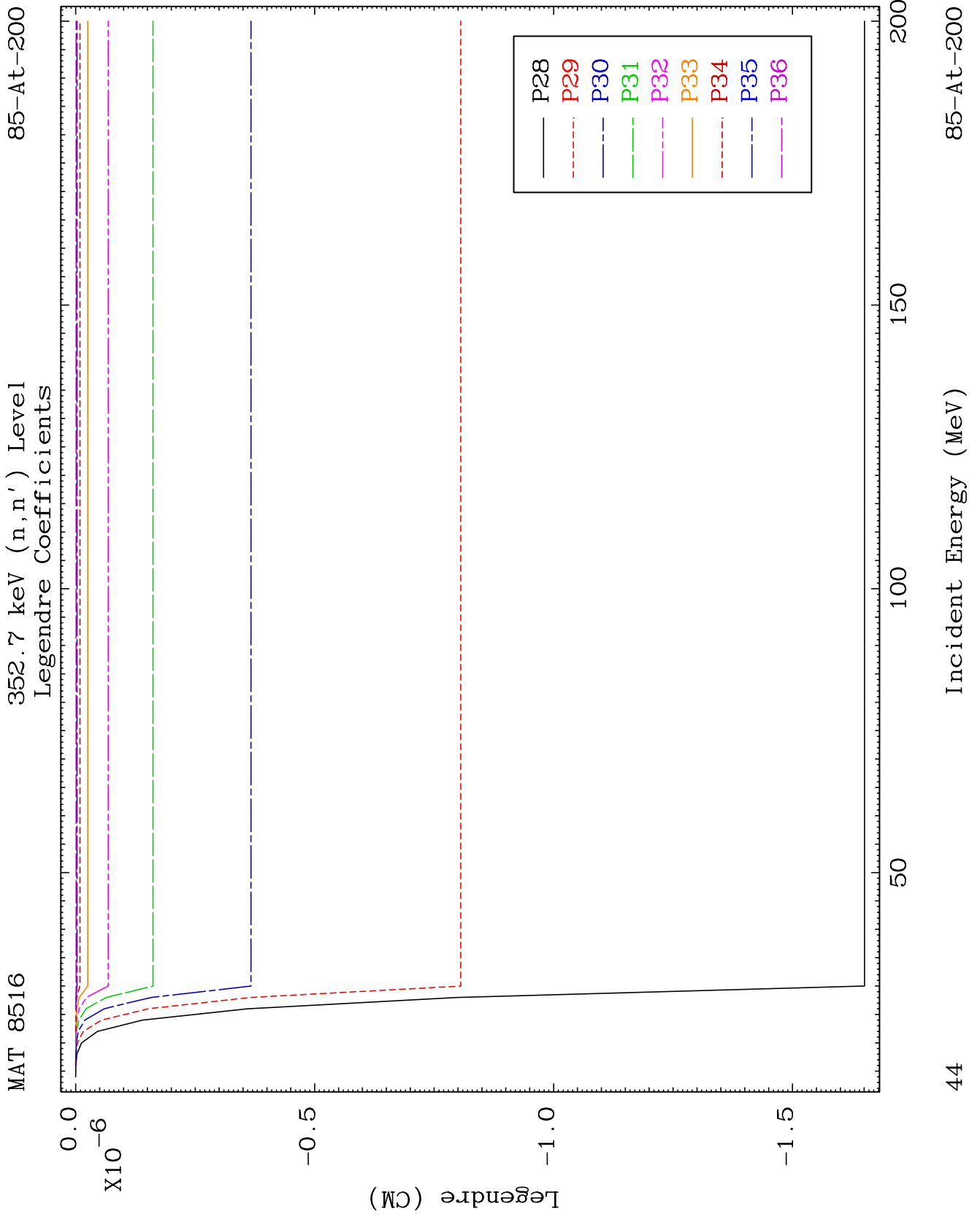




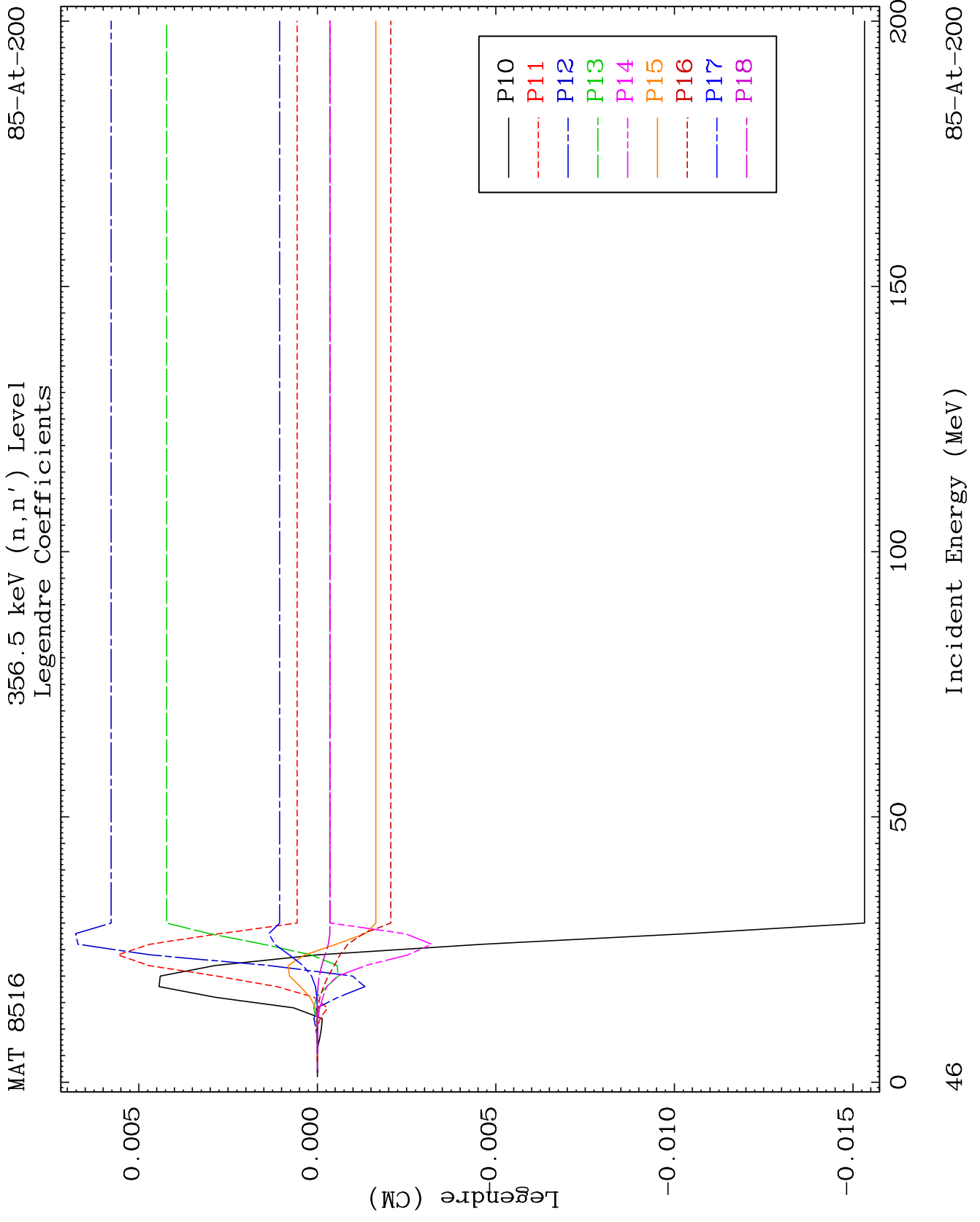


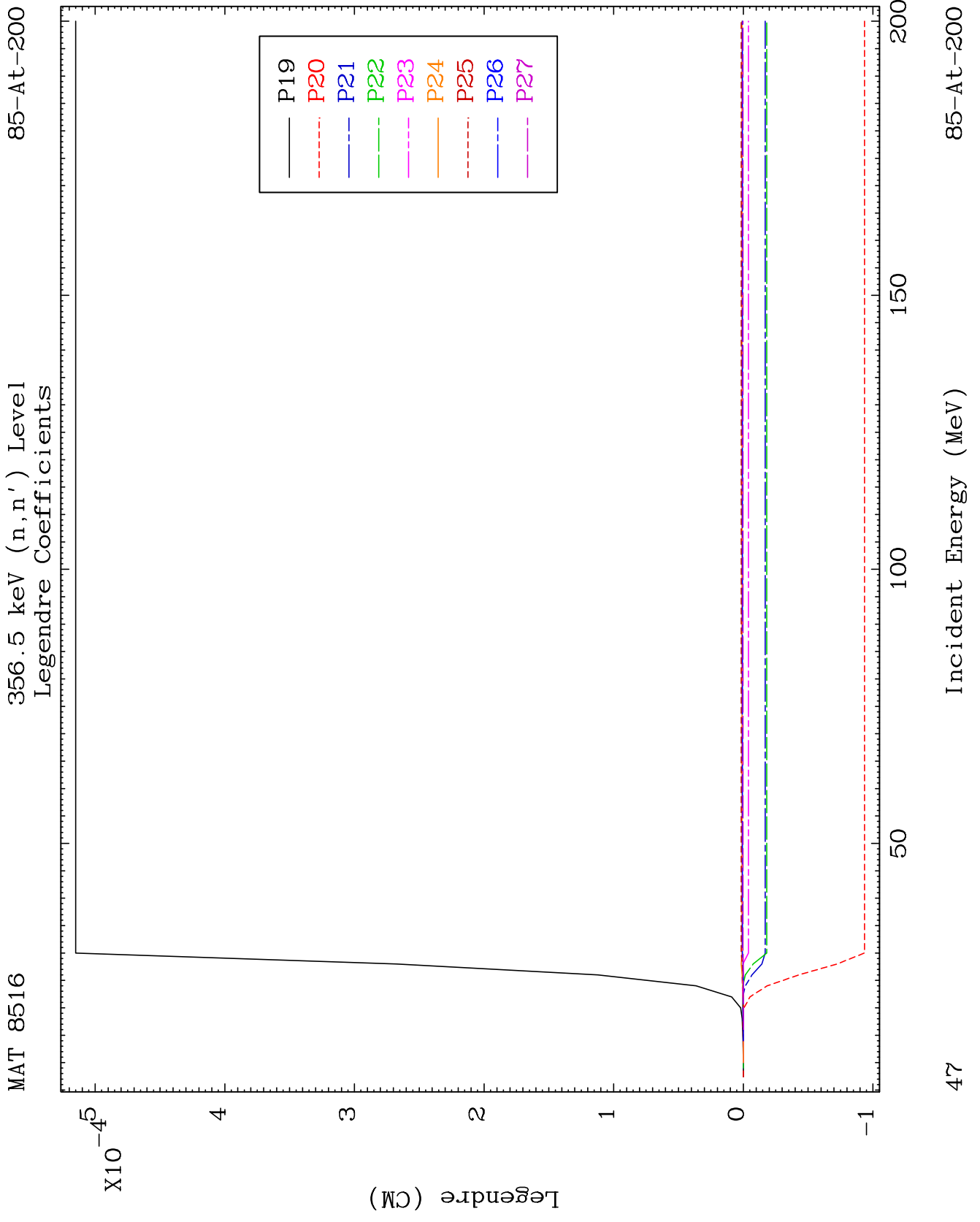










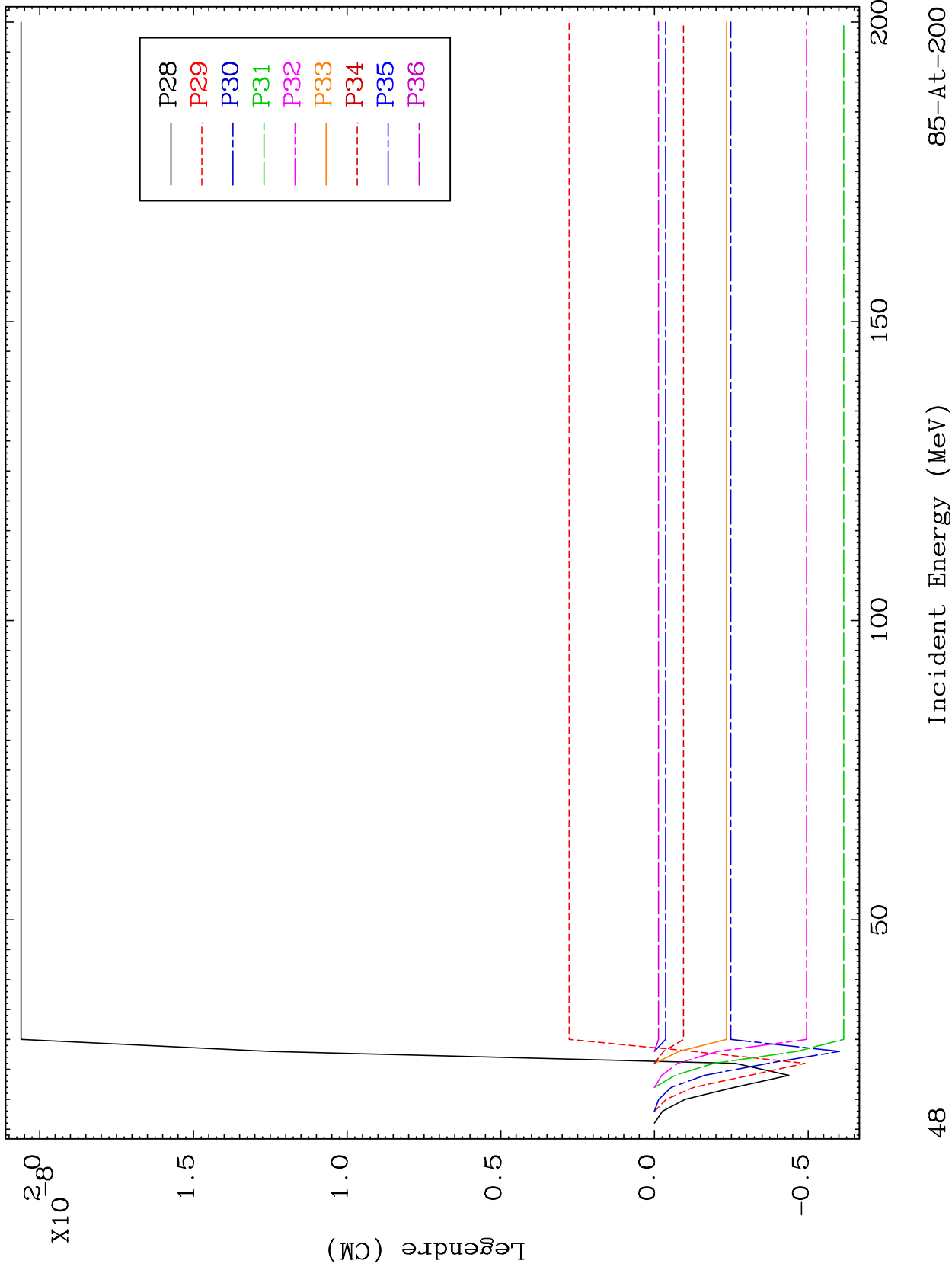




MAT 8516

356.5 keV (n,n') Level  
Legendre Coefficients

85-At-200



48

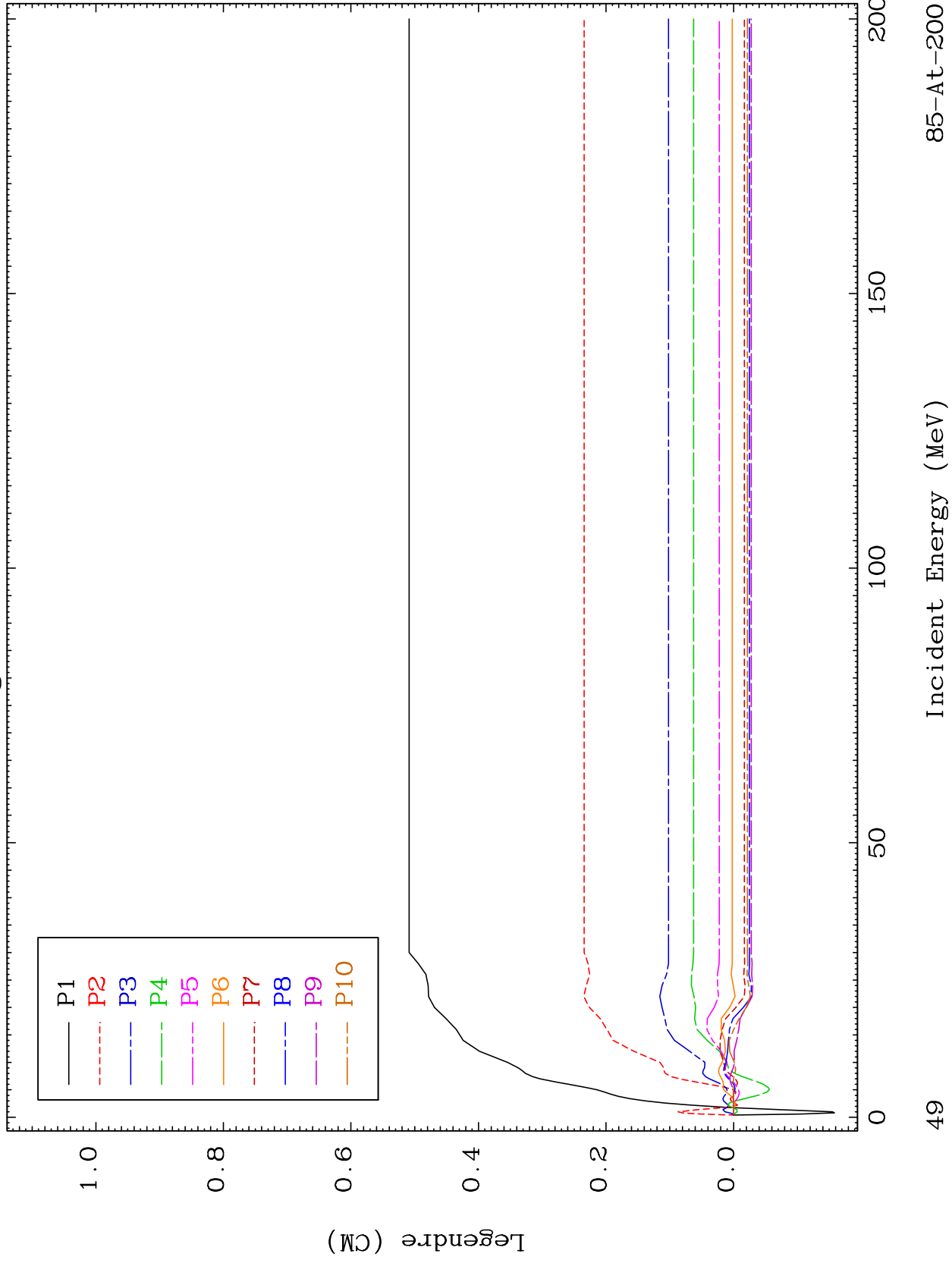
Incident Energy (MeV)

85-At-200

MAT 8516

358.4 keV (n, n') Level  
Legendre Coefficients

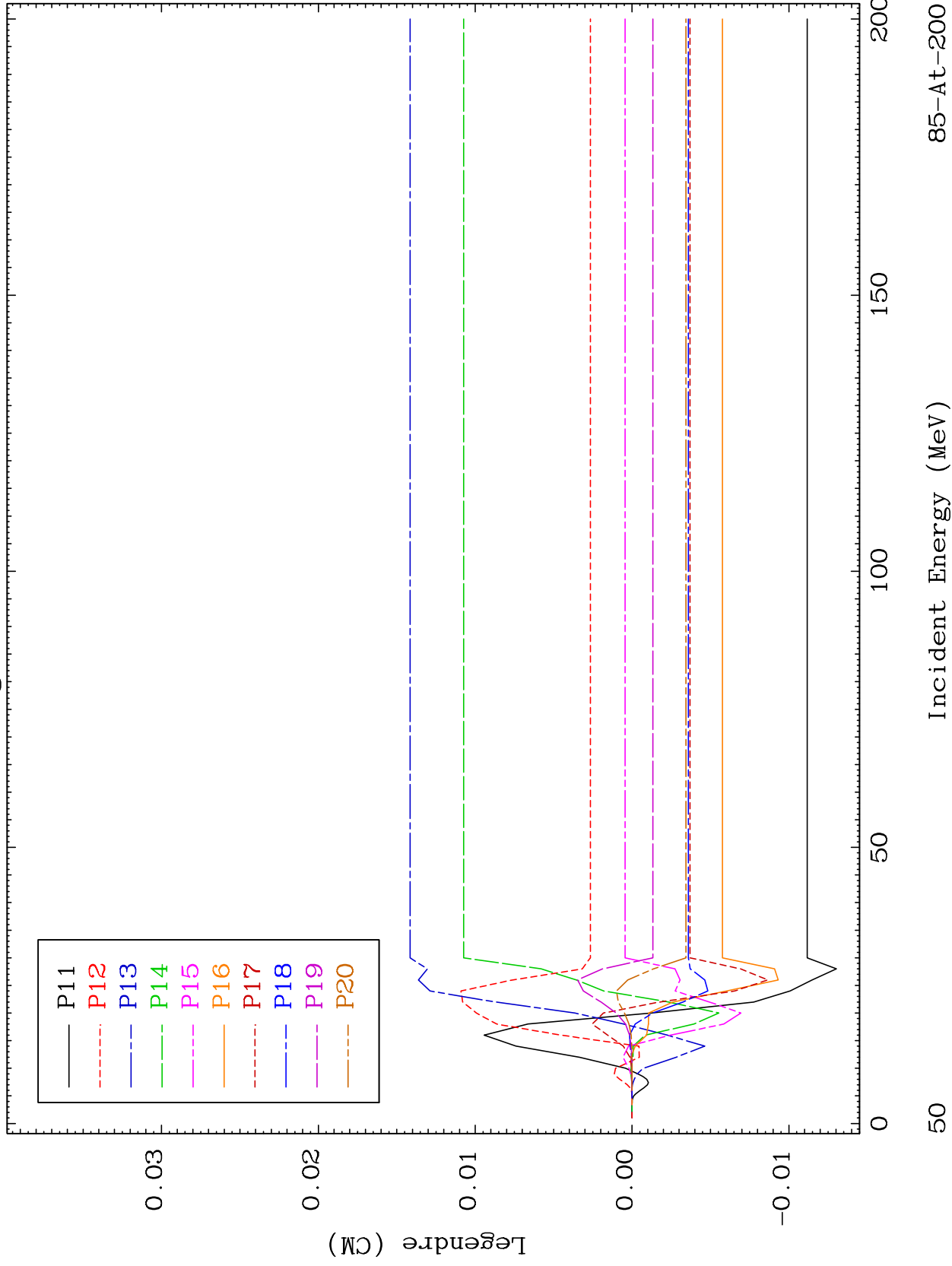
85-At-200



MAT 8516

358.4 keV (n,n') Level  
Legendre Coefficients

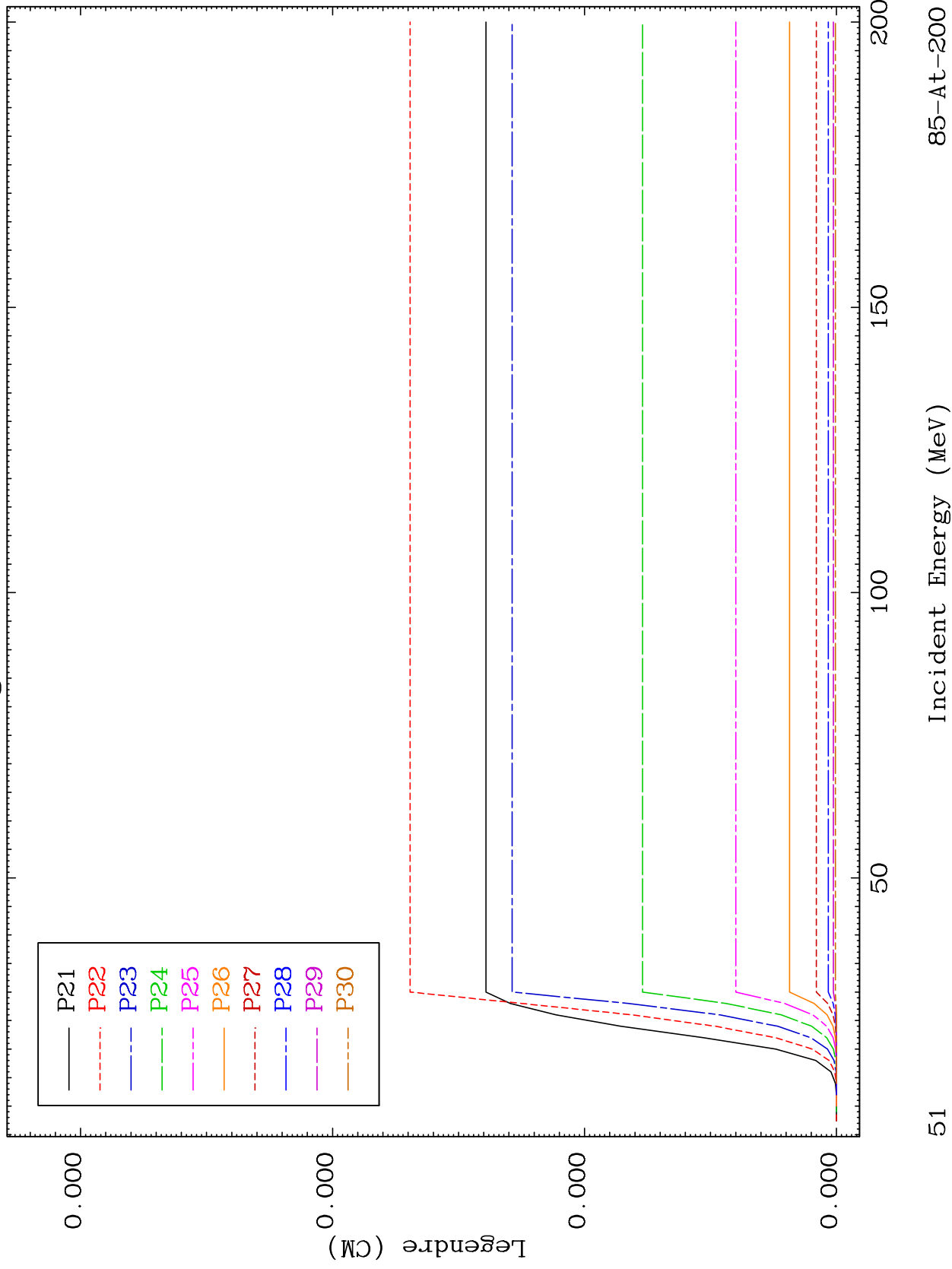
85-At-200

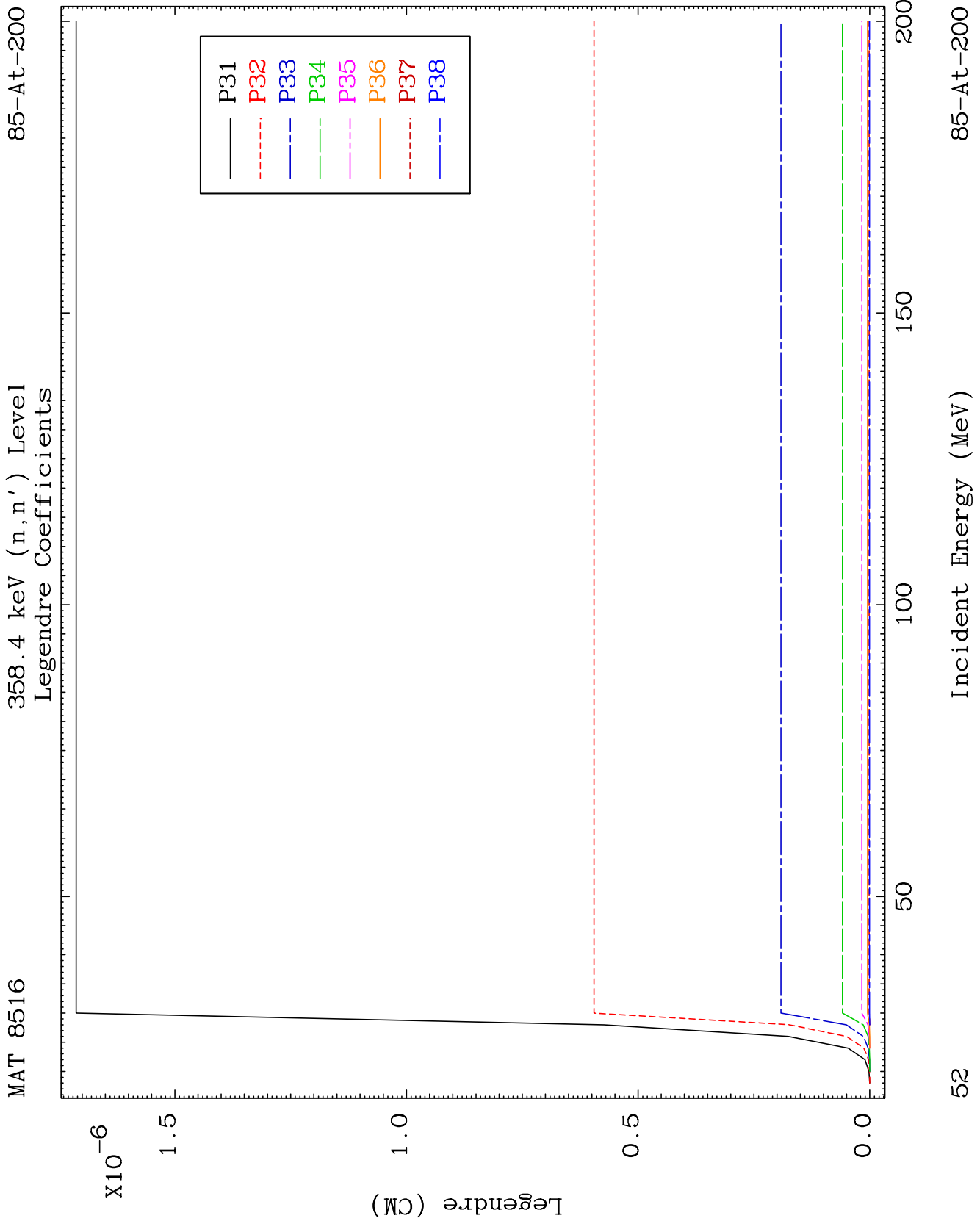


MAT 8516

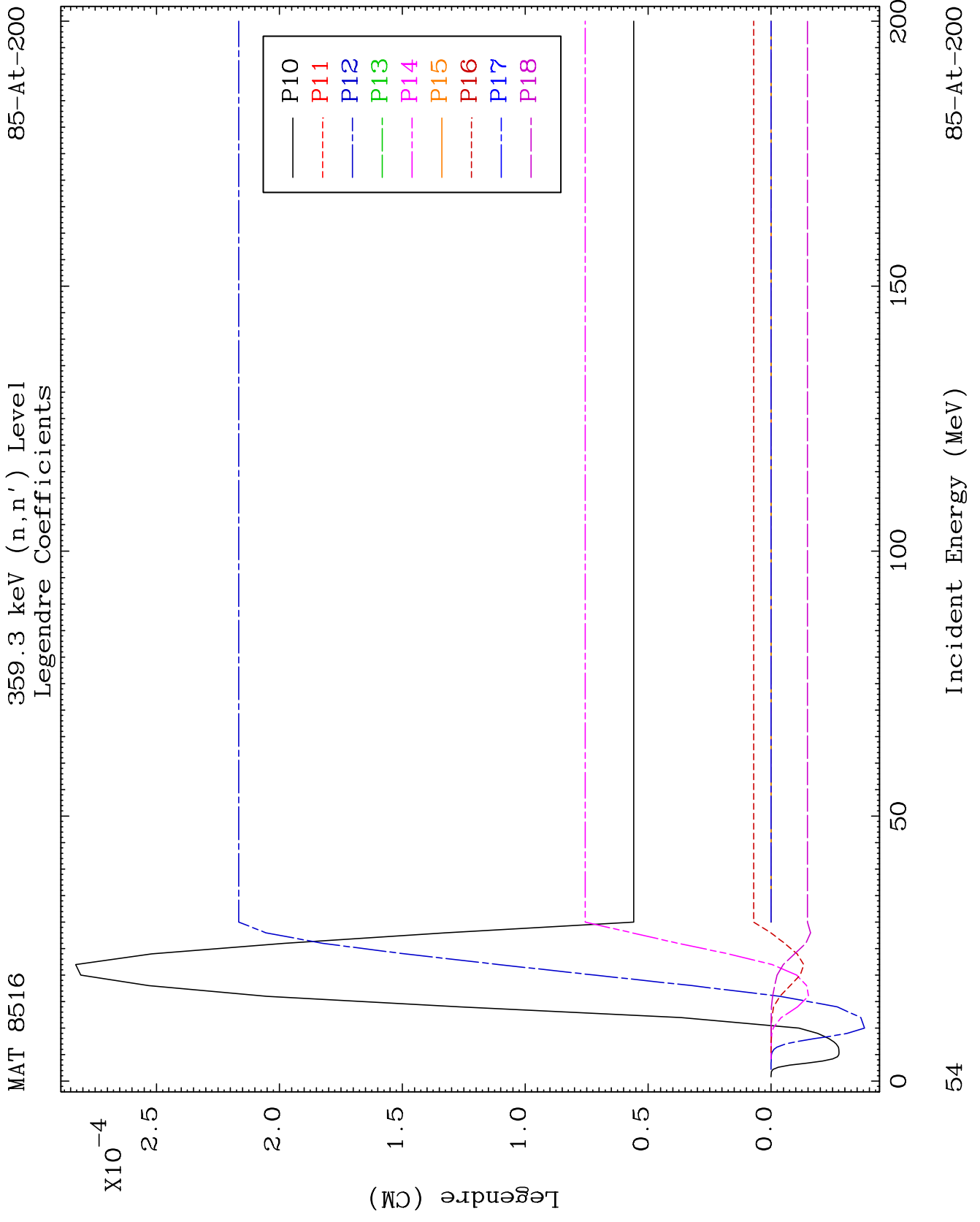
358.4 keV (n,n') Level  
Legendre Coefficients

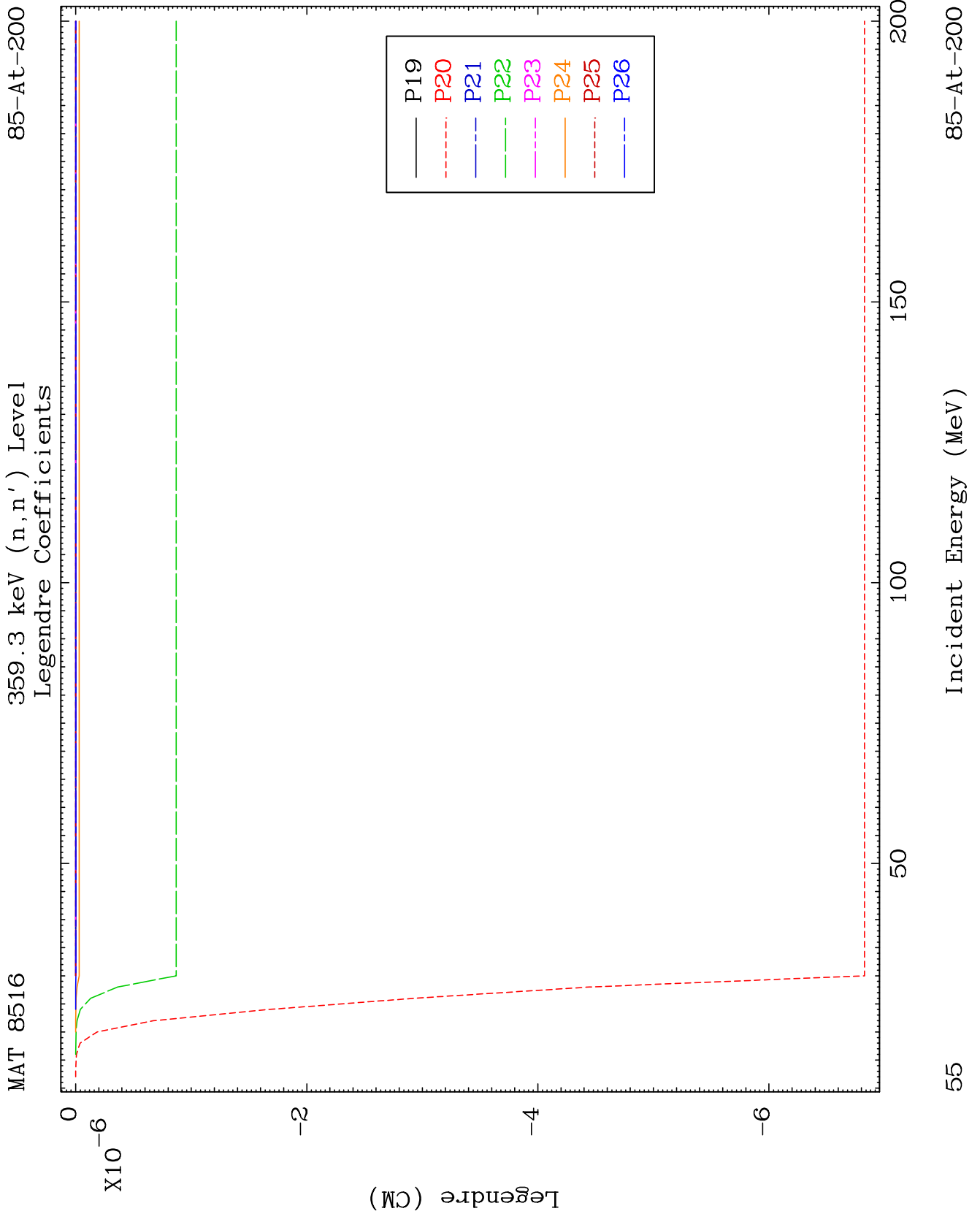
85-At-200



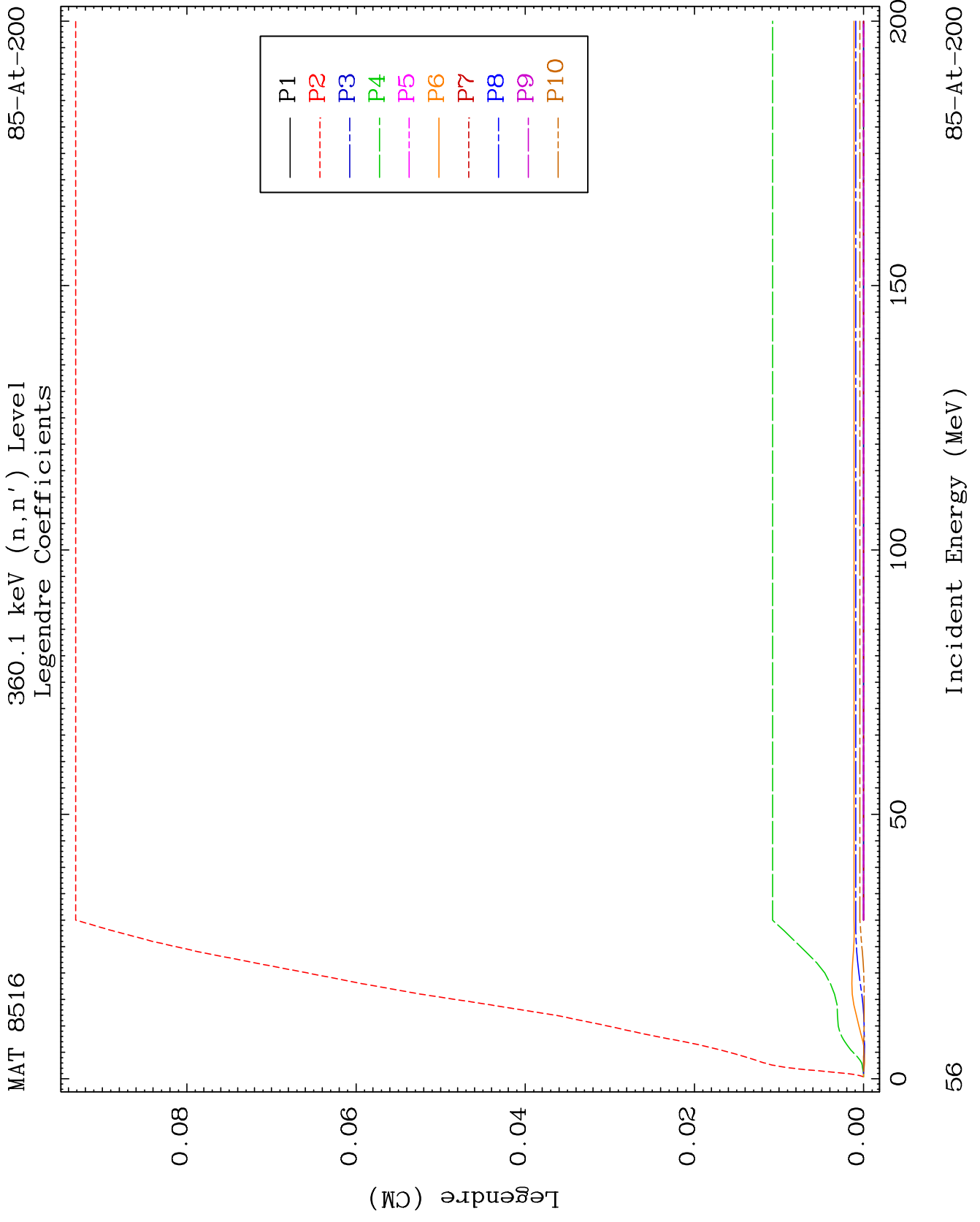


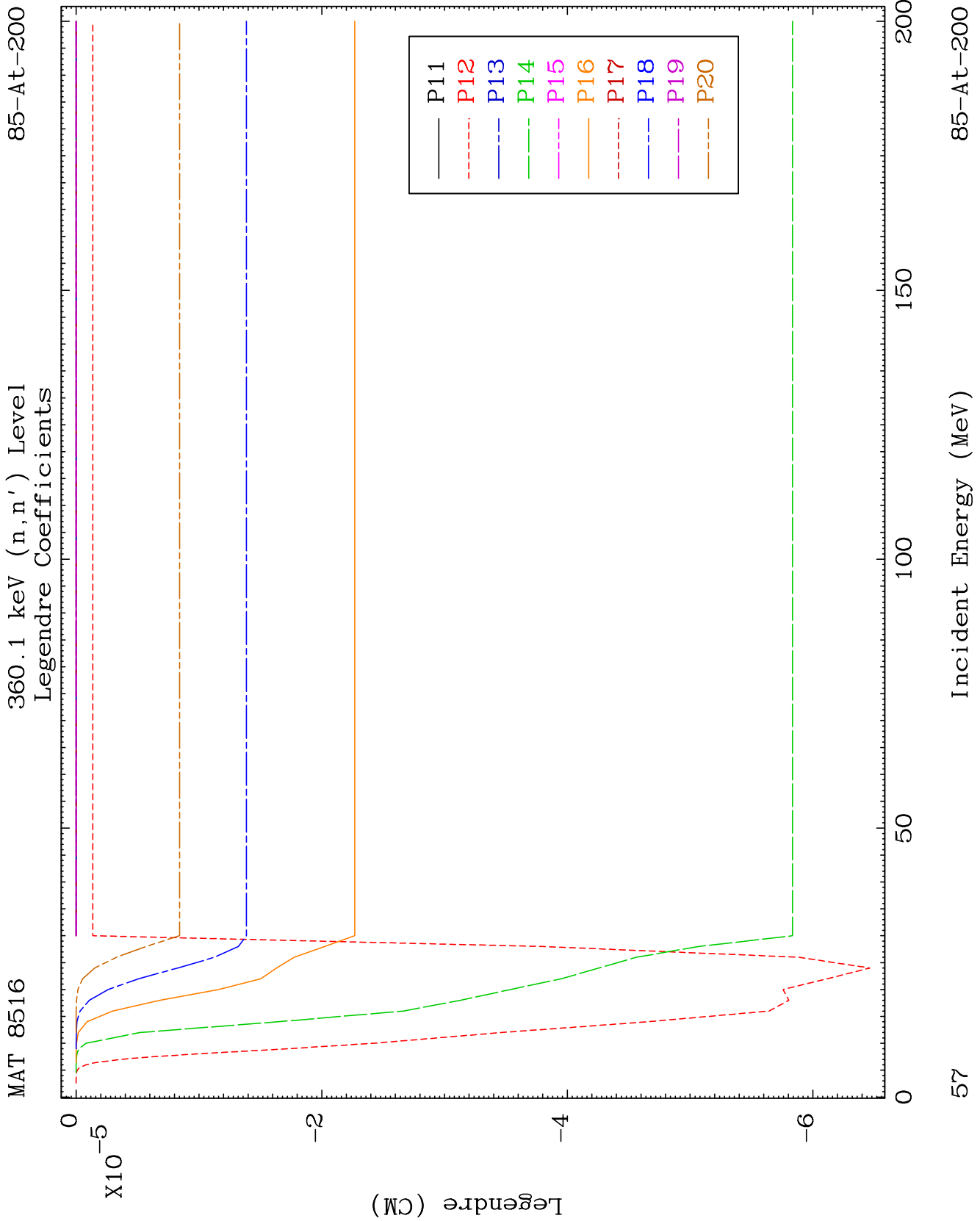


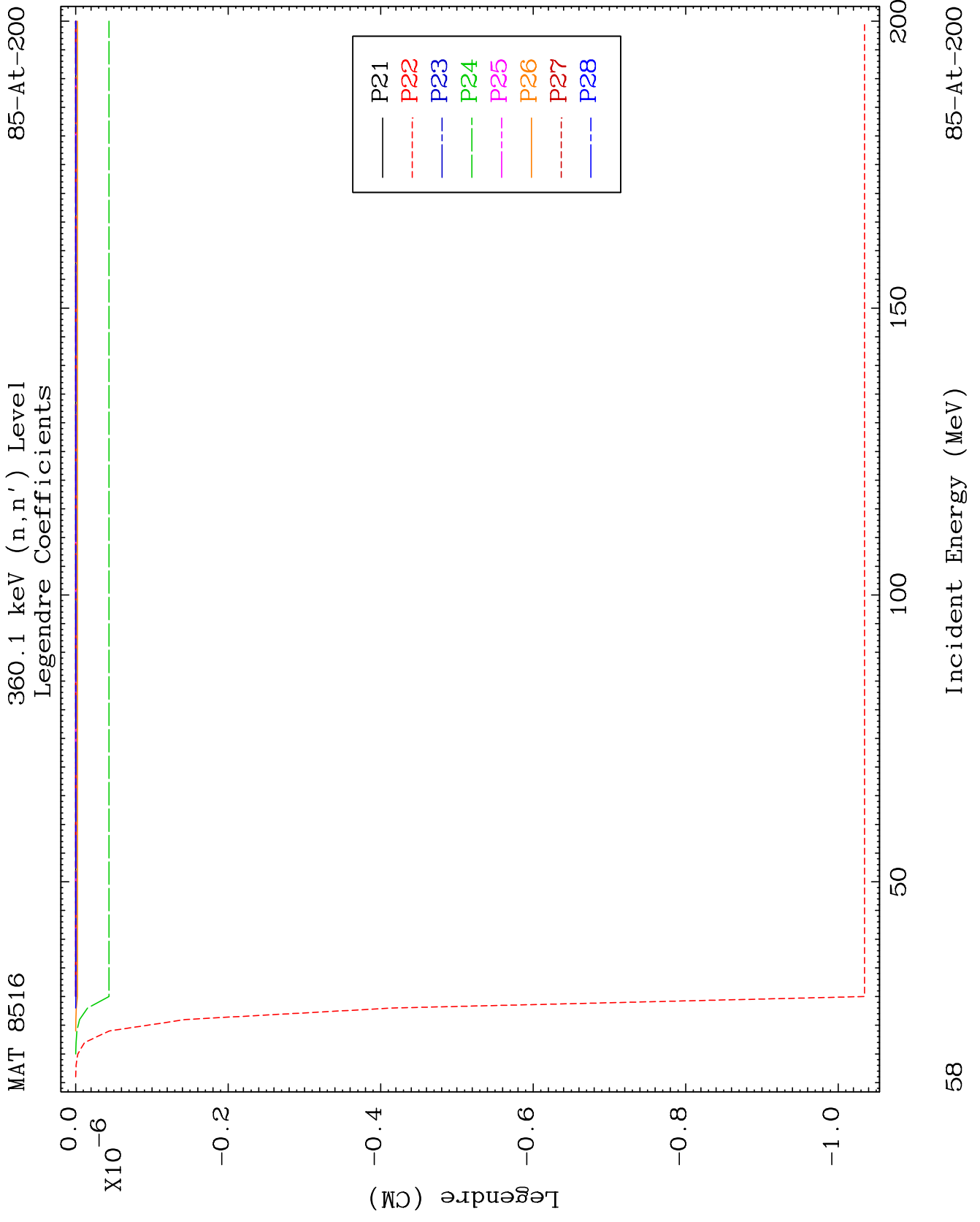


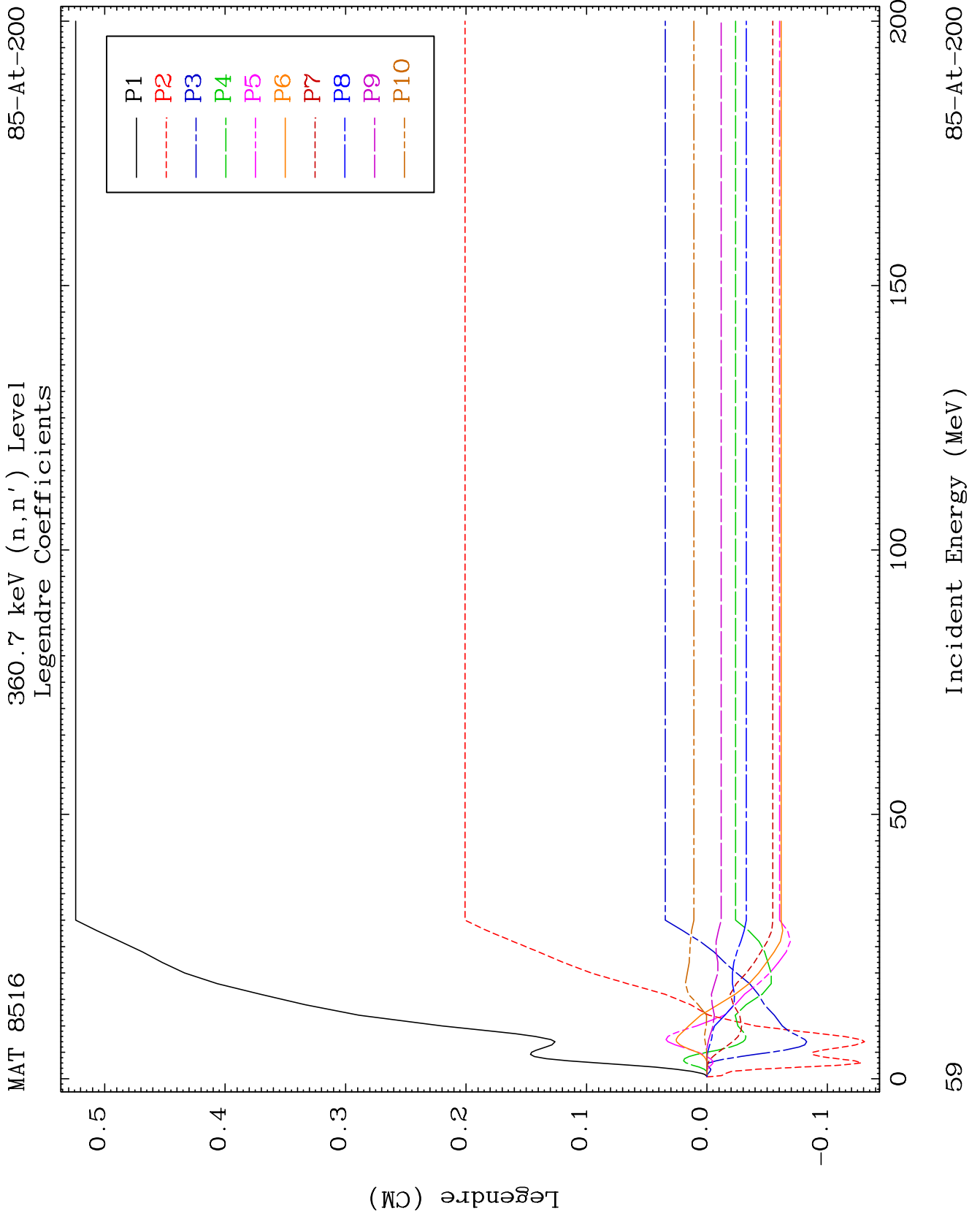


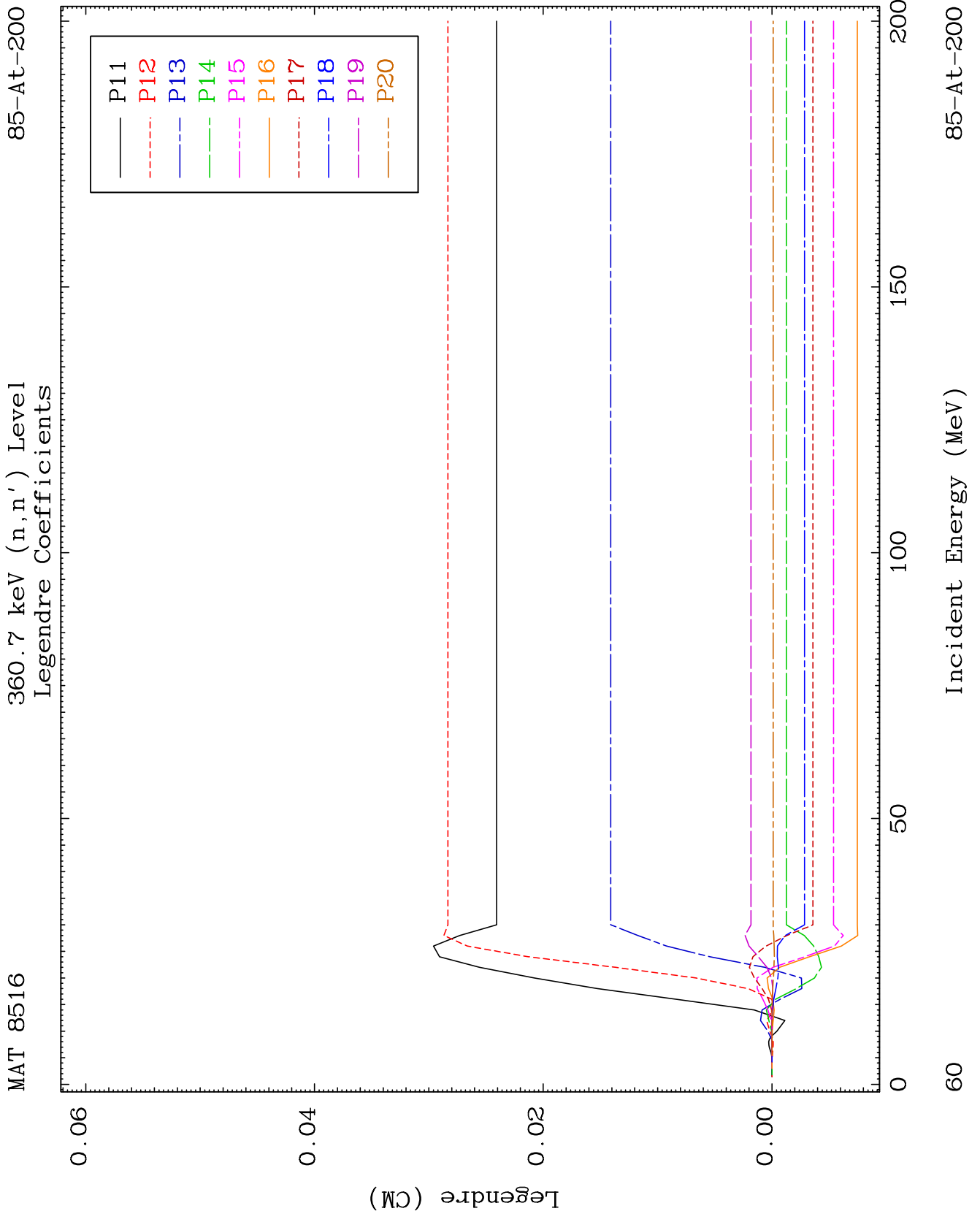








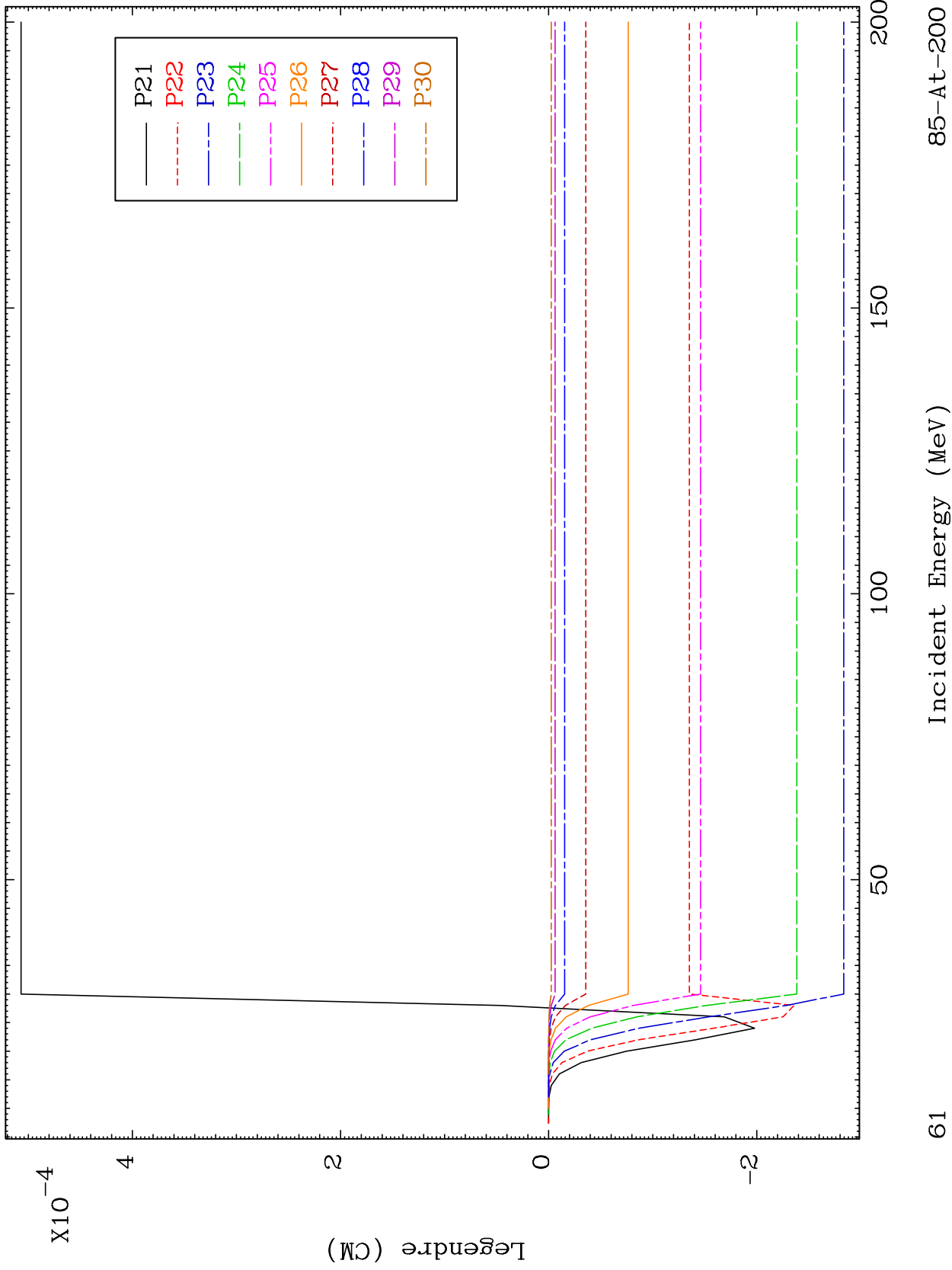




MAT 8516

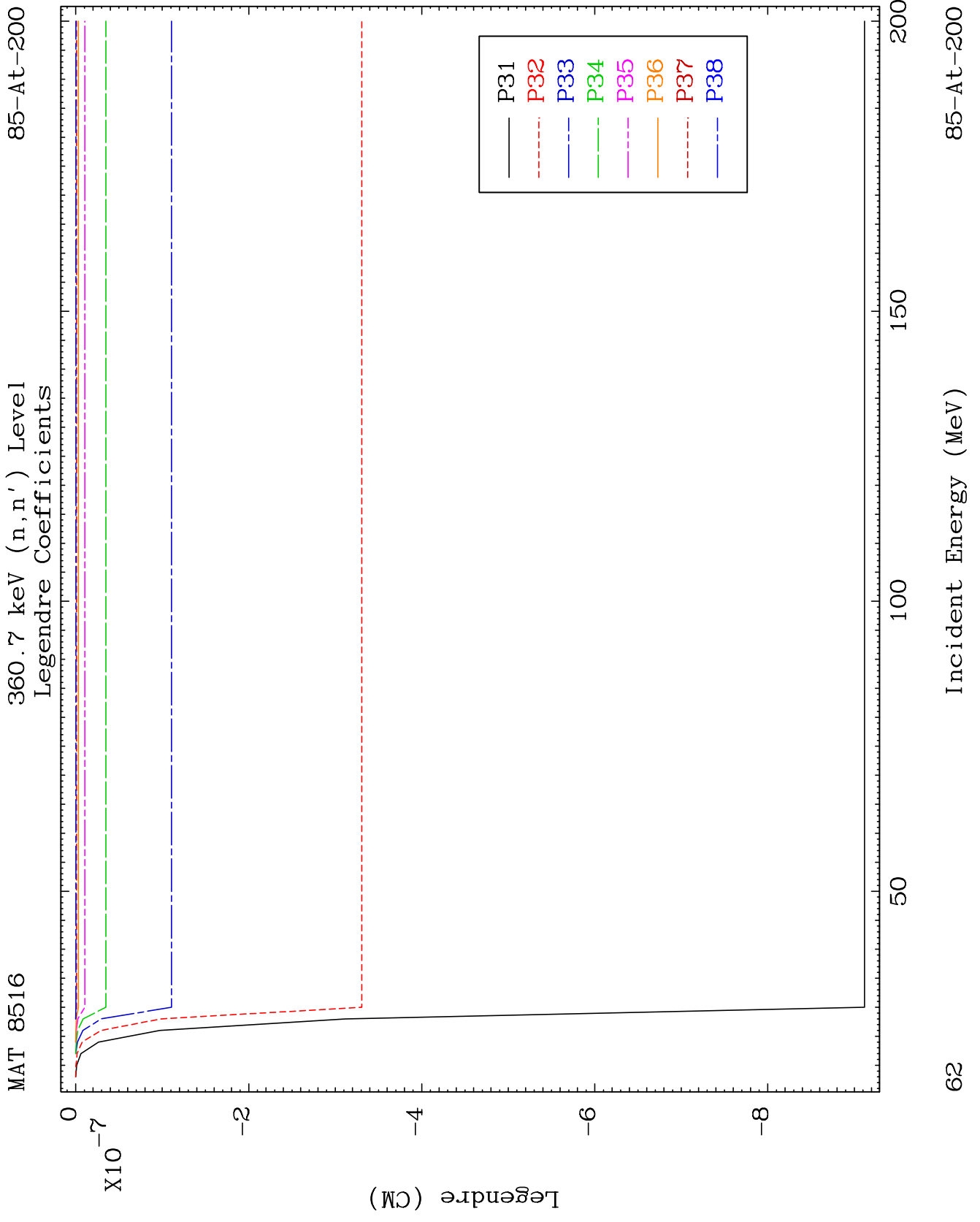
360.7 keV (n,n') Level  
Legendre Coefficients

85-At-200



61

85-At-200







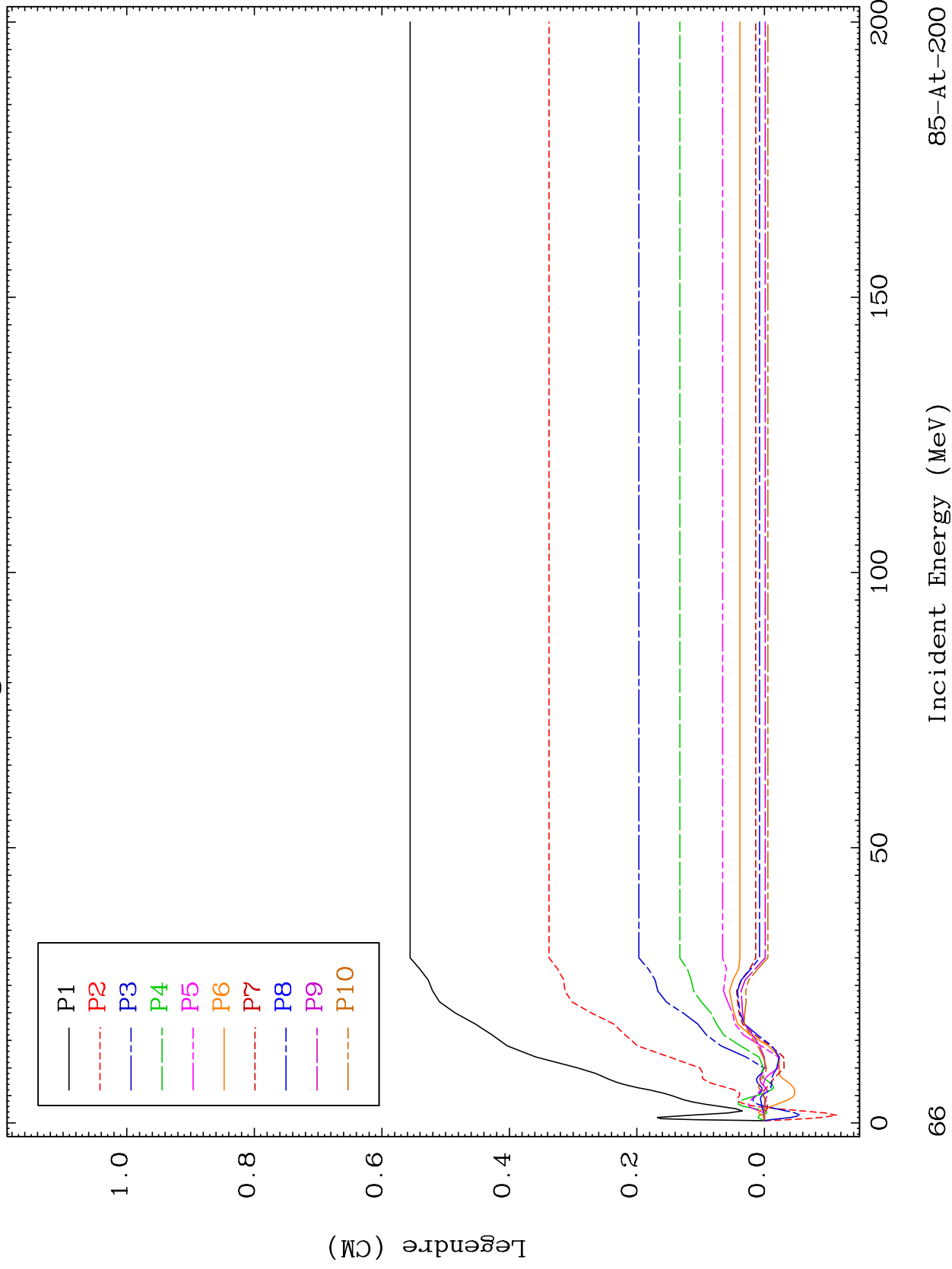




MAT 8516

365.2 keV (n, n') Level  
Legendre Coefficients

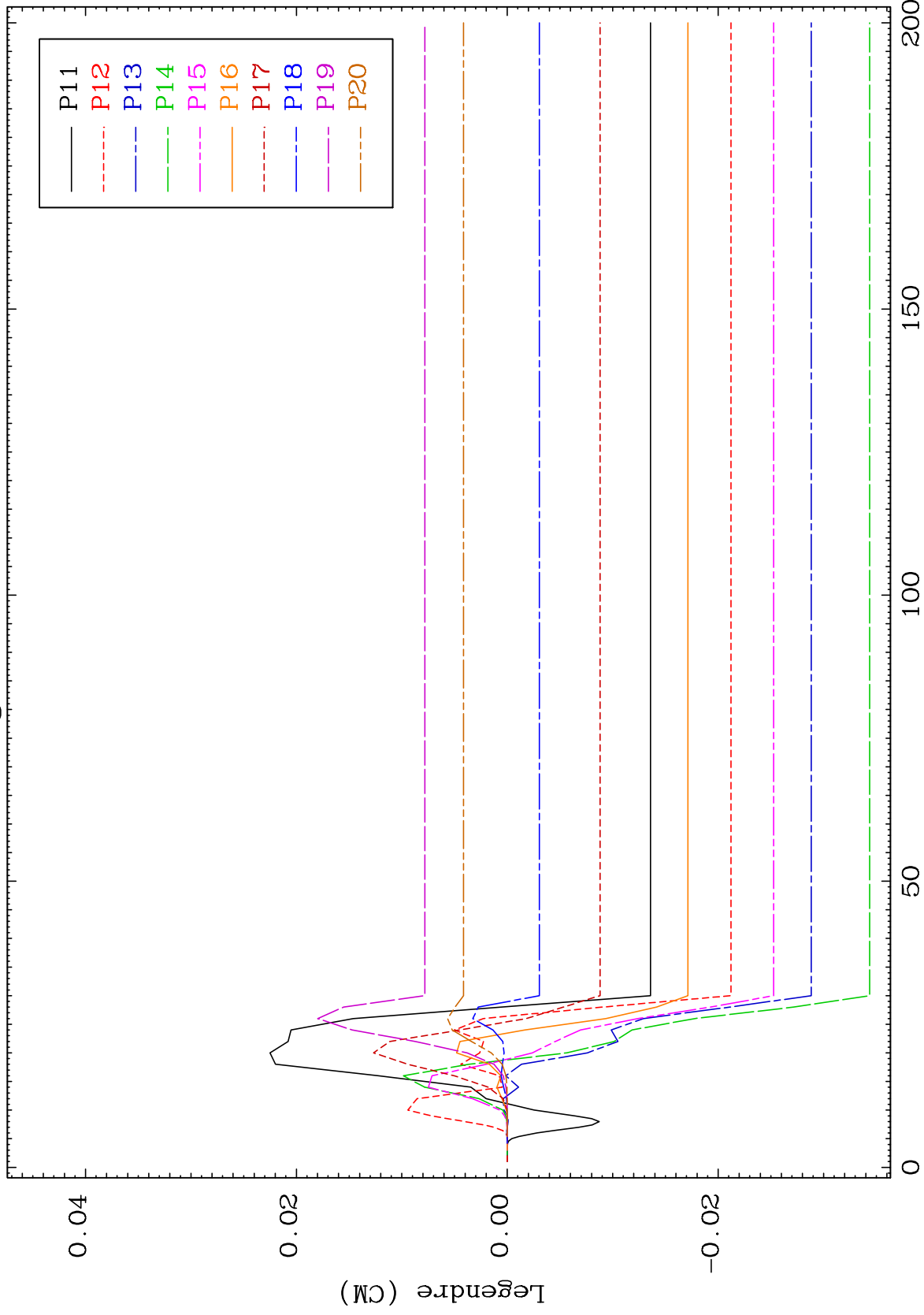
85-At-200



MAT 8516

365.2 keV (n,n') Level  
Legendre Coefficients

85-At-200



67

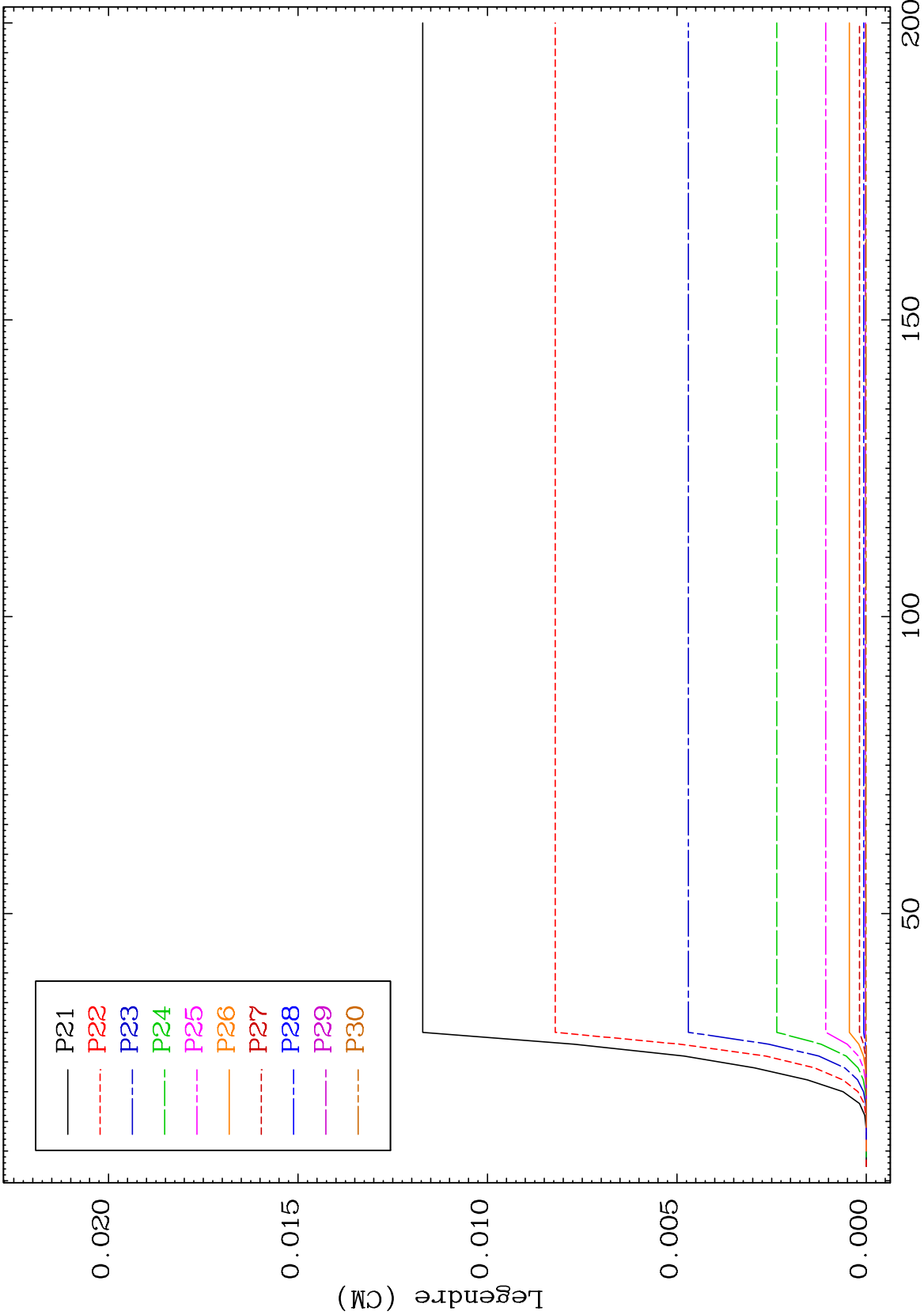
Incident Energy (MeV)

85-At-200

MAT 8516

365.2 keV (n, n') Level Legendre Coefficients

85-At-200



68

Incident Energy (MeV)

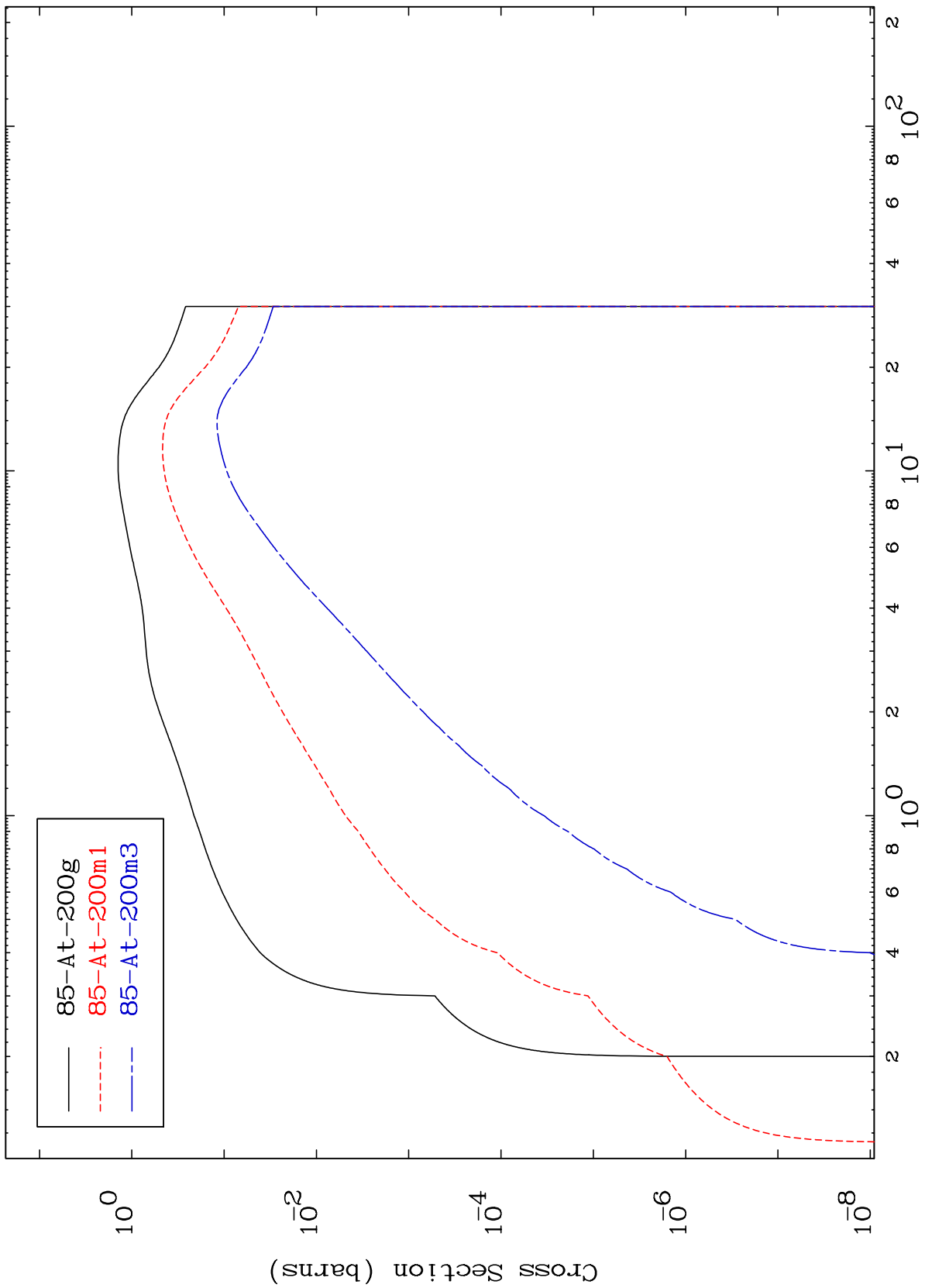
85-At-200



MAT 8516

85-At-200

Inelastic  
Radionuclide Production Cross Section

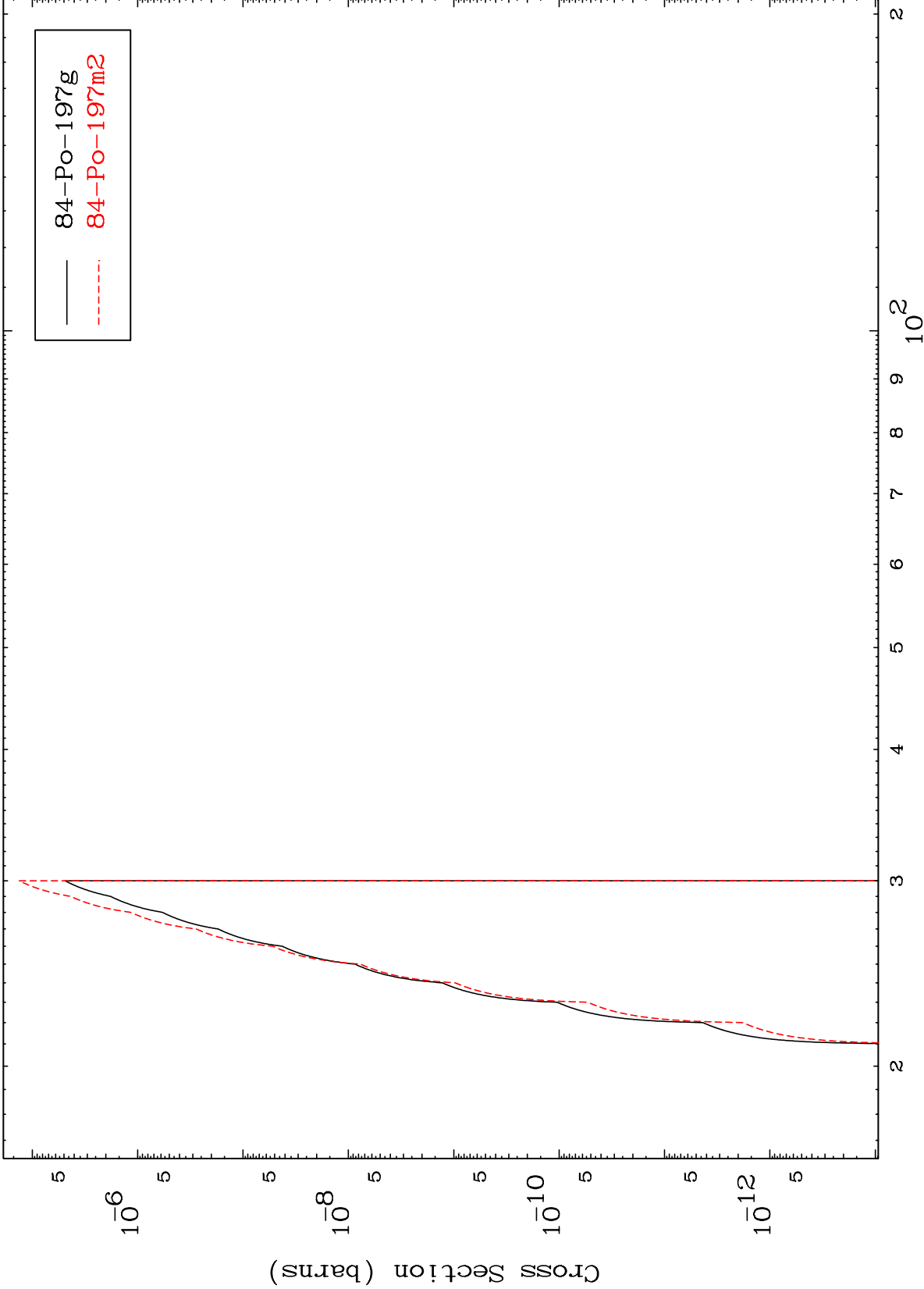


70

Incident Energy (MeV)

85-At-200

Radionuclide Production Cross Section



84-Po-197g  
84-Po-197m2

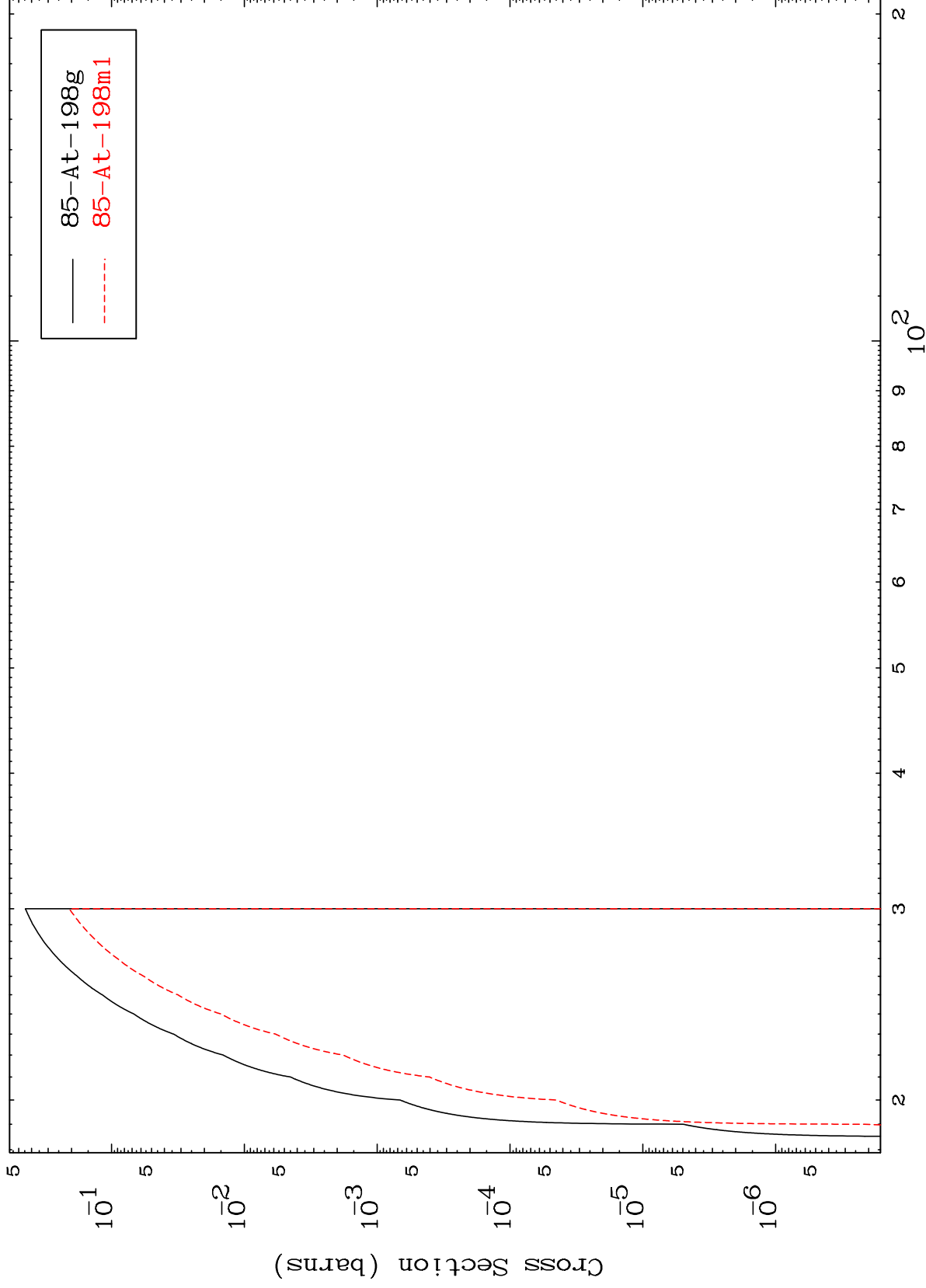


MAT 8516

(n,3n)

85-At-200

Radionuclide Production Cross Section



72

Incident Energy (MeV)

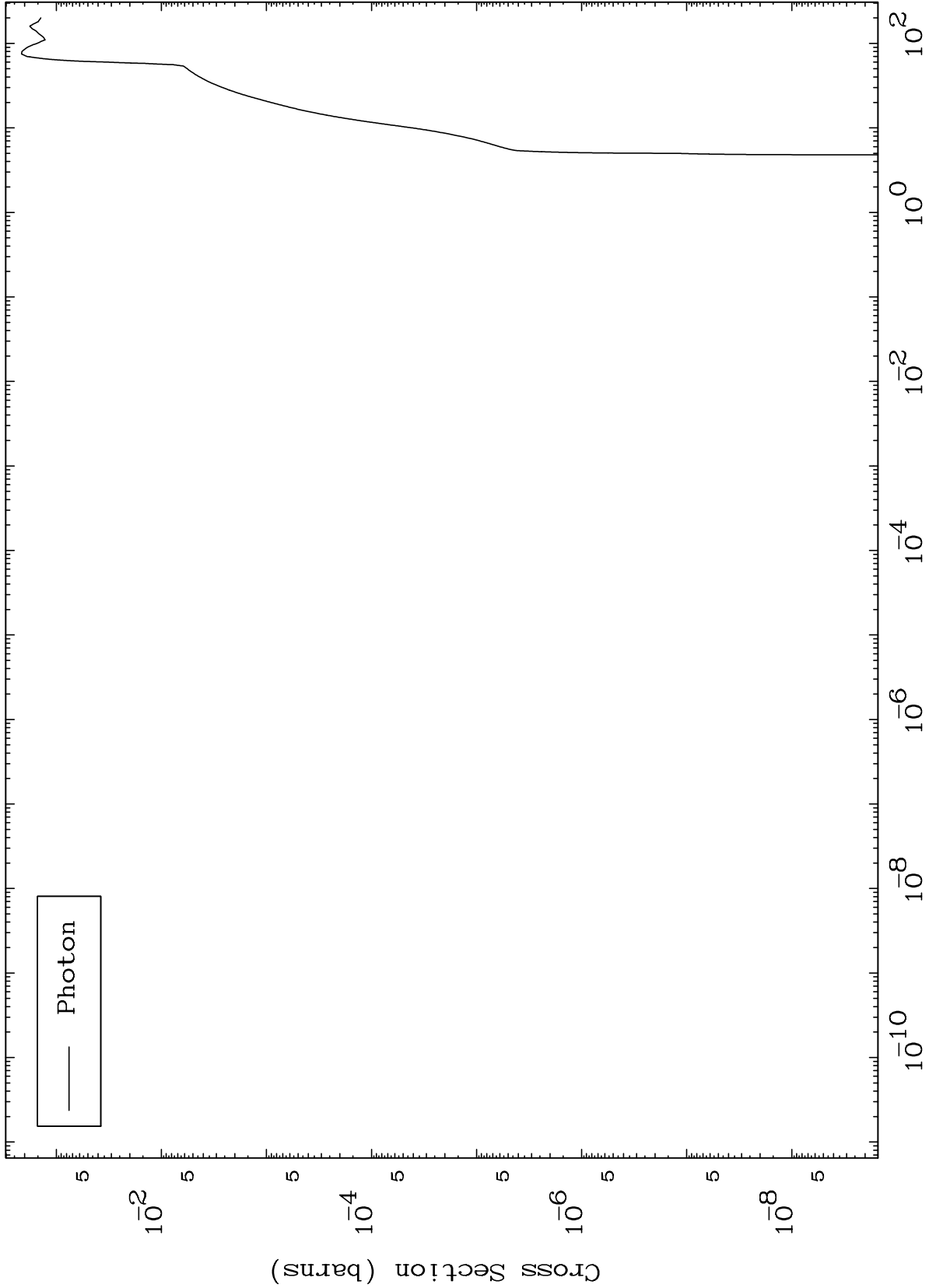
85-At-200

MAT 8516

Fission

85-At-200

Radionuclide Production Cross Section



73

Incident Energy (MeV)

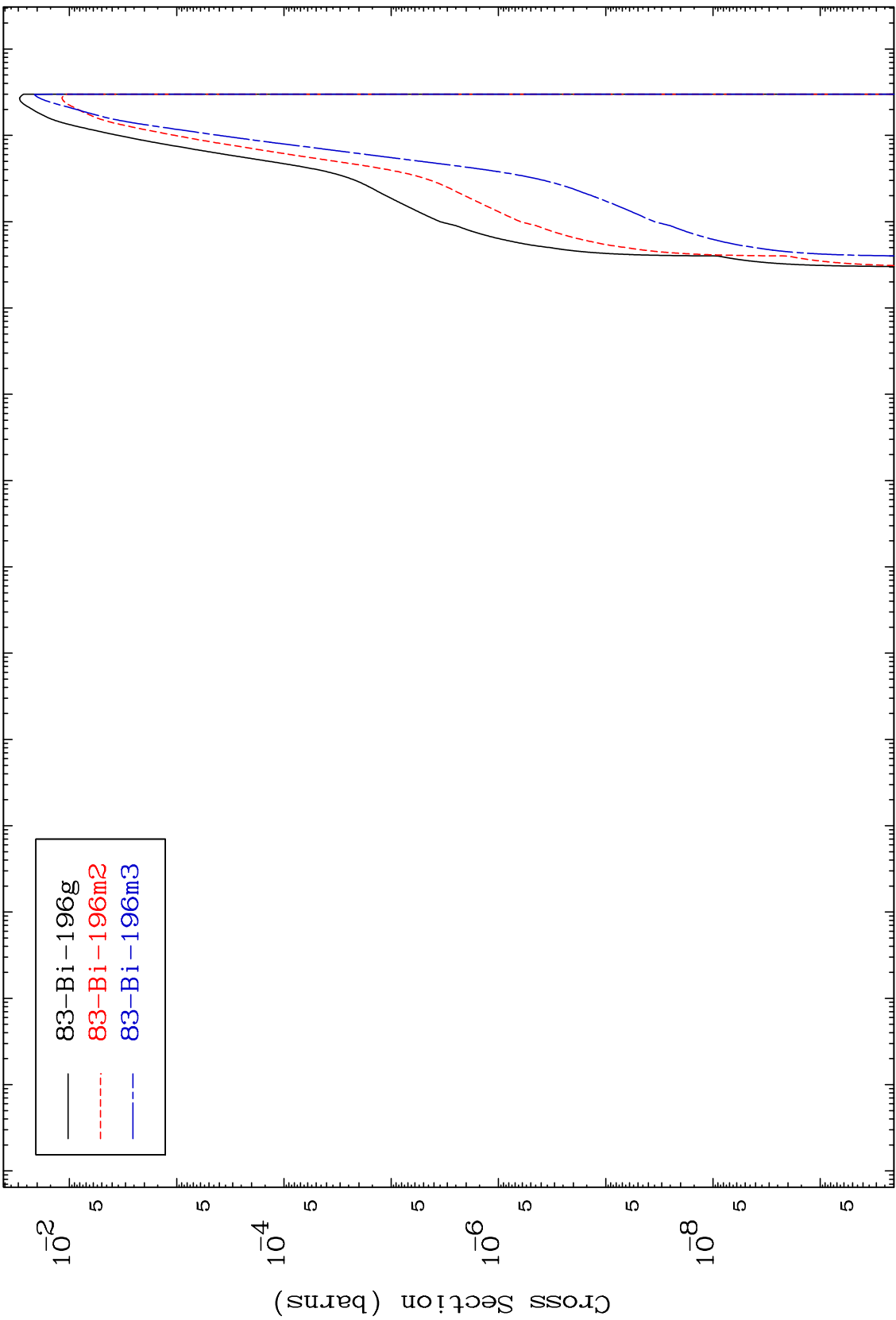
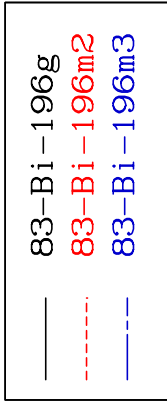
85-At-200

MAT 85116

$(n, n')$   $\alpha$

85-At-200

Radionuclide Production Cross Section



85-At-200

Incident Energy (MeV)

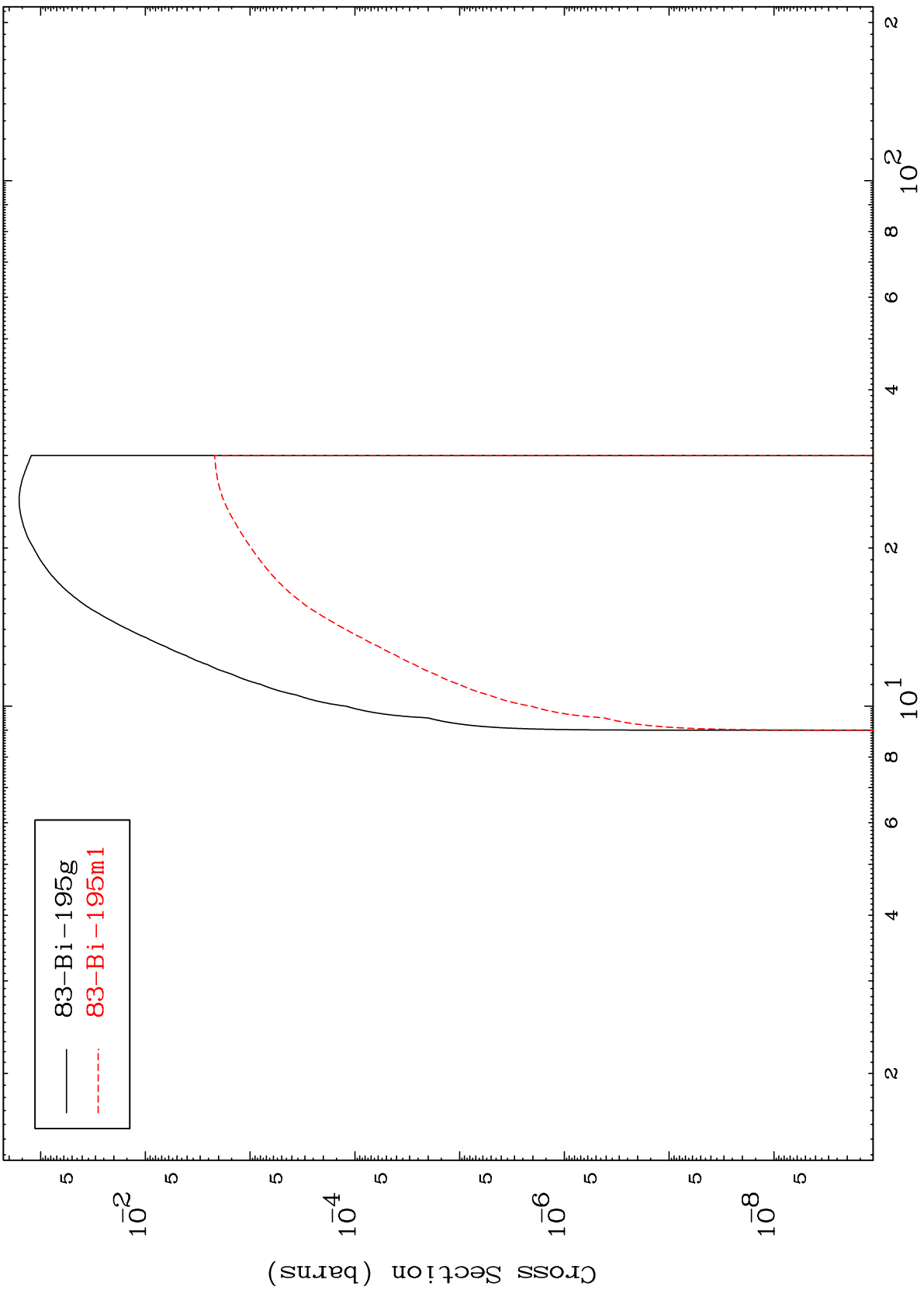
74

MAT 8516

(n,2n)  $\alpha$

85-At-200

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

75

Incident Energy (MeV)

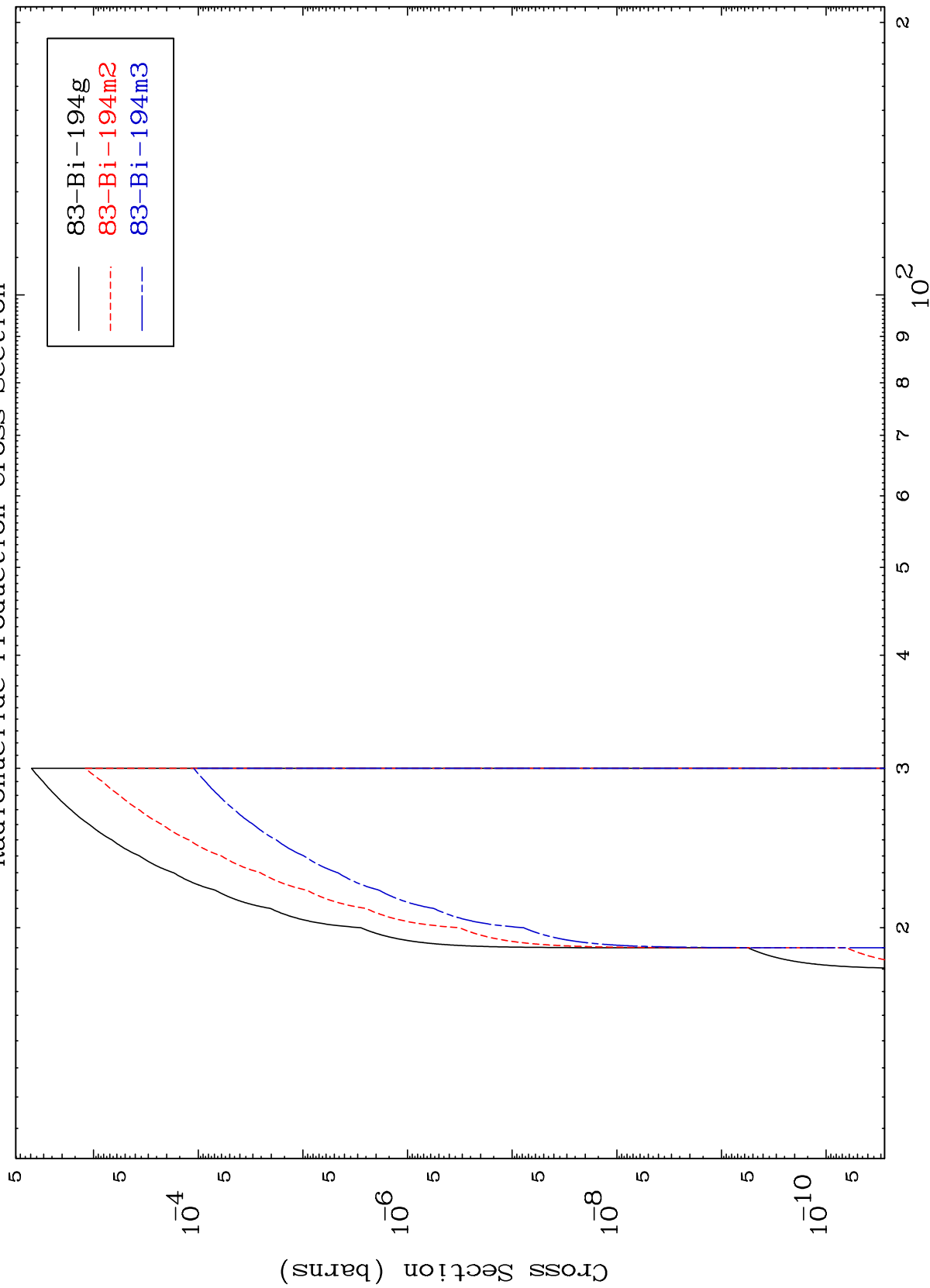
85-At-200

MAT 8516

$(n,3n) \alpha$

85-At-200

Radionuclide Production Cross Section



76

Incident Energy (MeV)

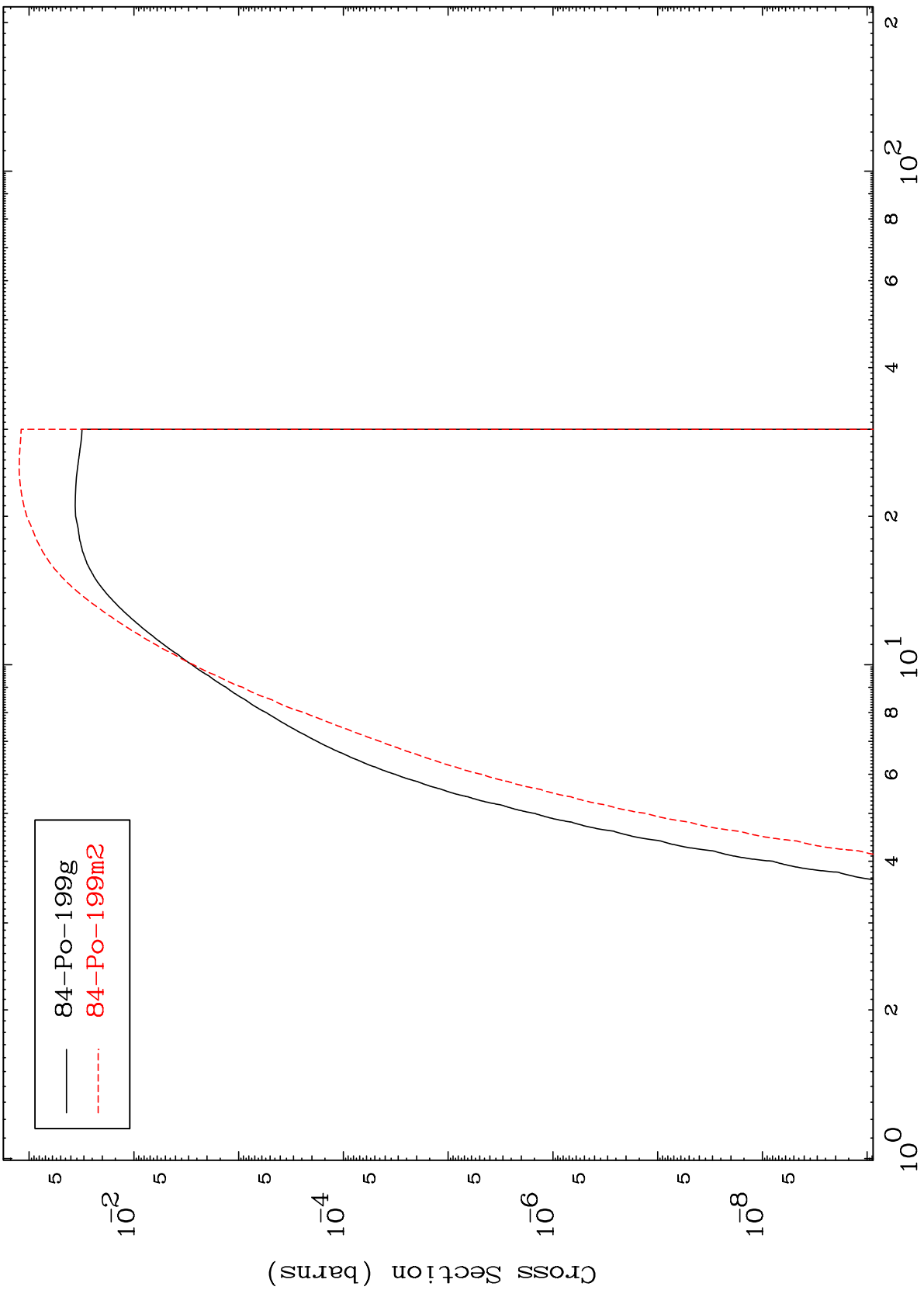
85-At-200

MAT 8516

(n,n') p

85-At-200

Radionuclide Production Cross Section



77

Incident Energy (MeV)

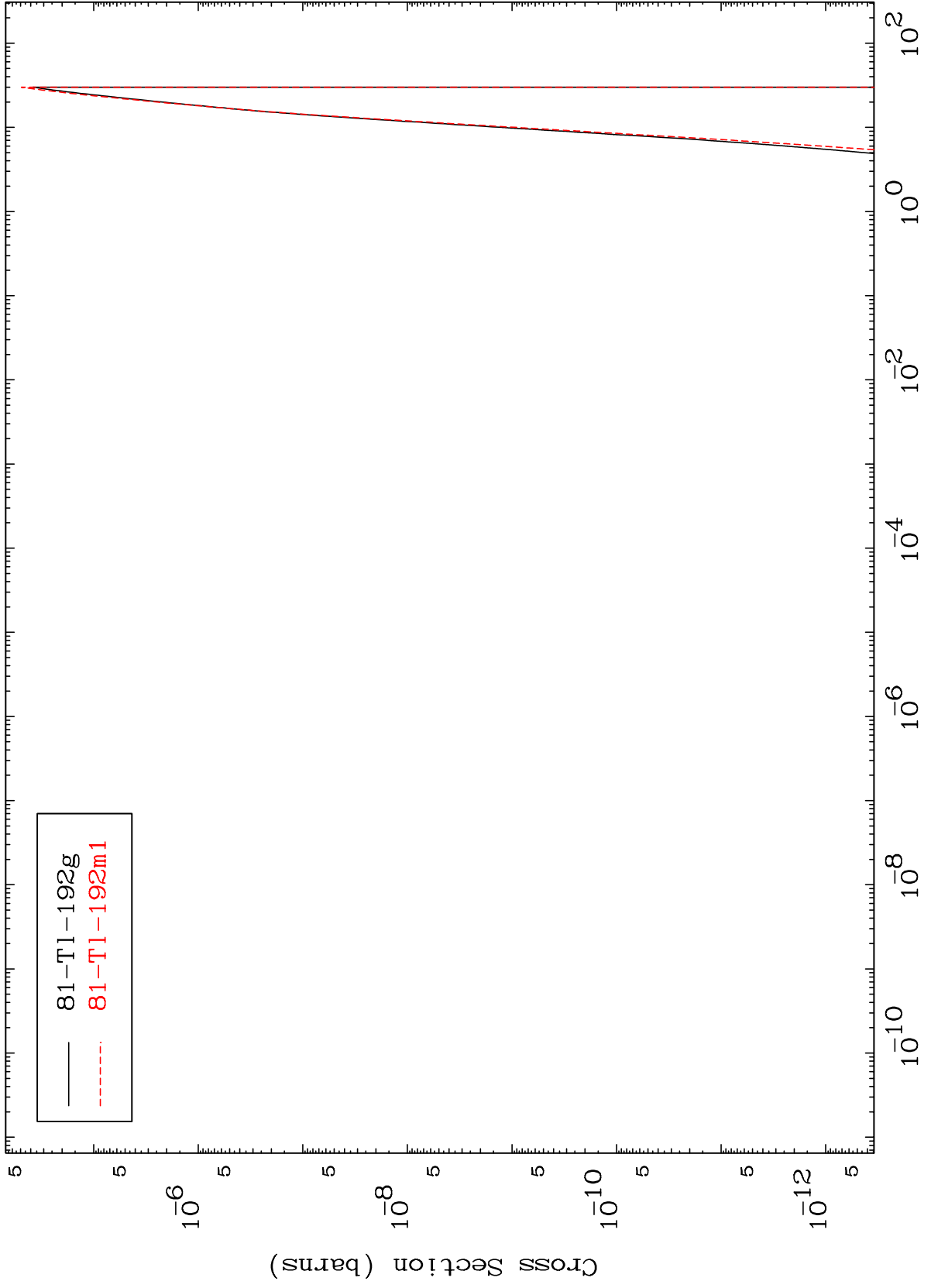
85-At-200

MAT 8516

(n,n') 2 $\alpha$

85-At-200

Radionuclide Production Cross Section



78

Incident Energy (MeV)

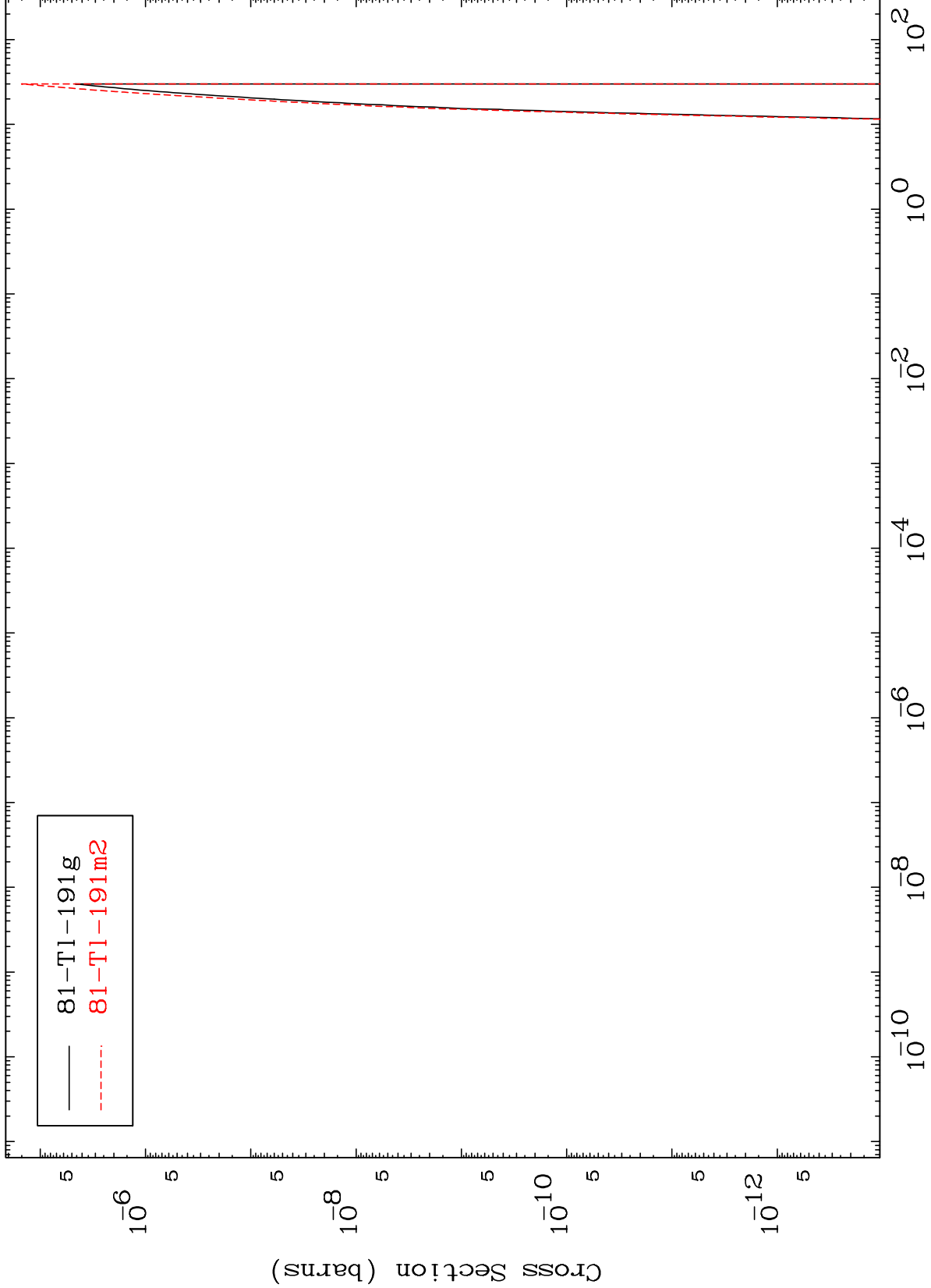
85-At-200

MAT 8516

(n,2n) 2α

85-At-200

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

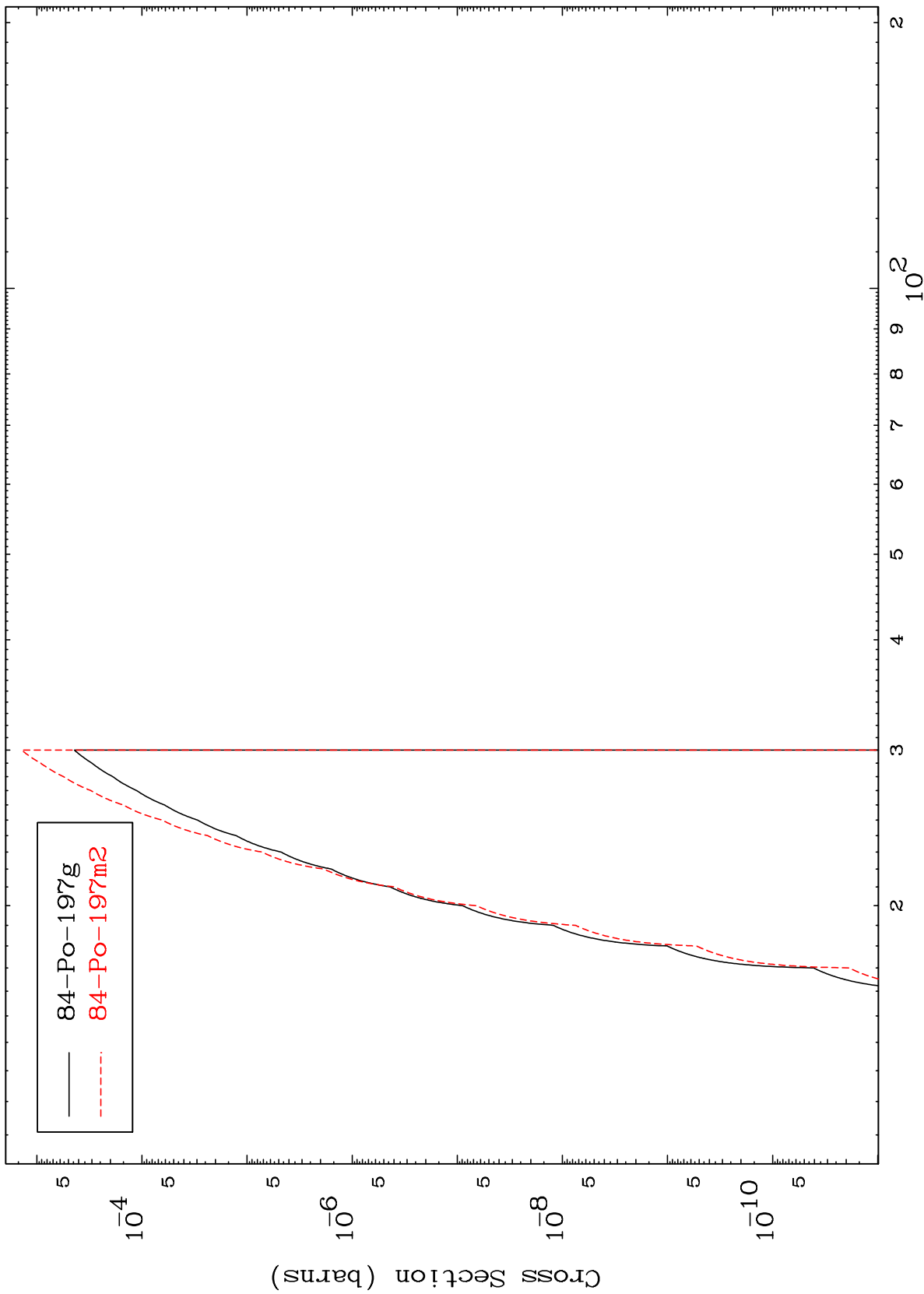


MAT 8516

(n,n') t

85-At-200

Radionuclide Production Cross Section



80

Incident Energy (MeV)

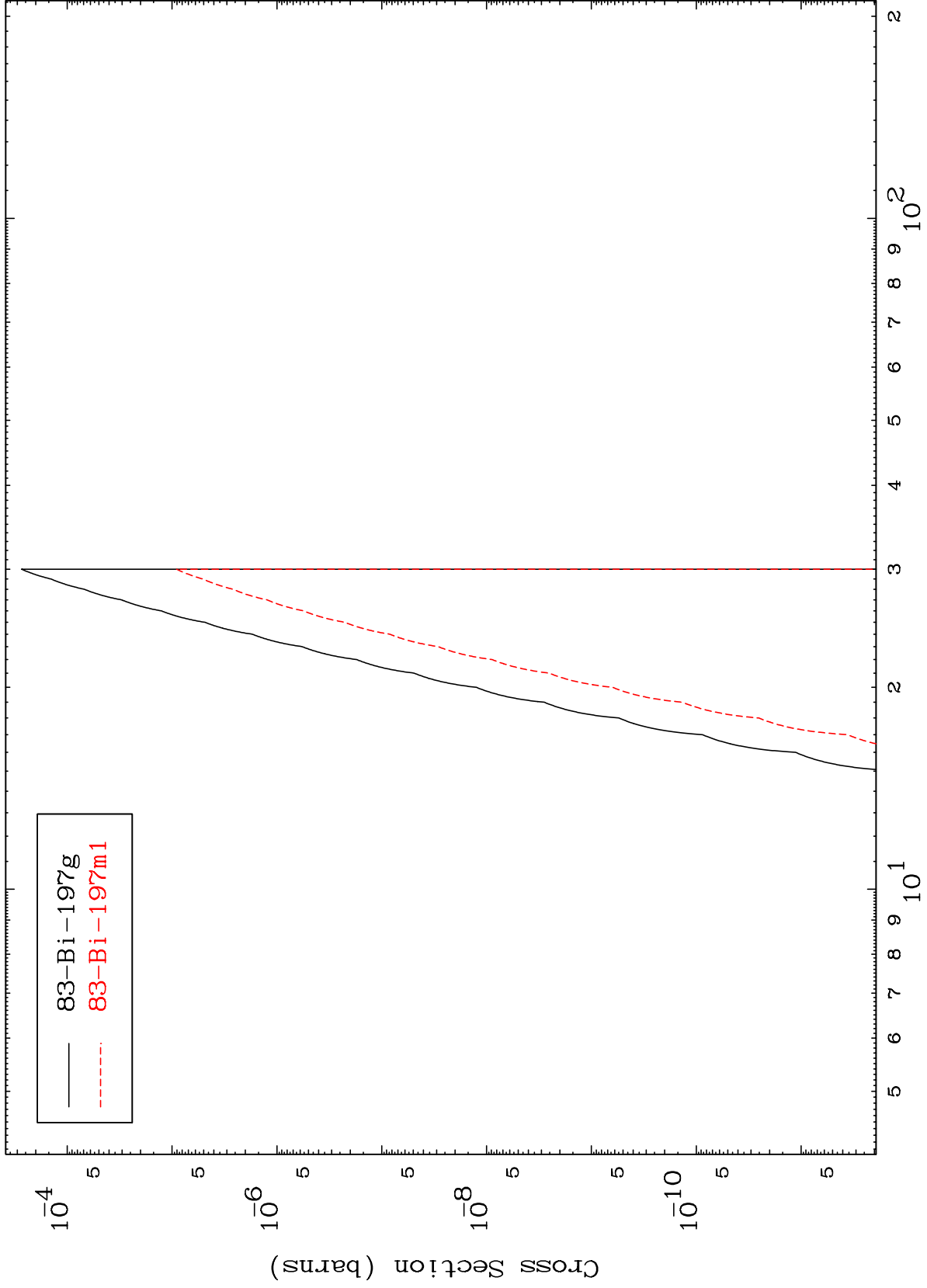
85-At-200

MAT 8516

(n,n') He-3

85-At-200

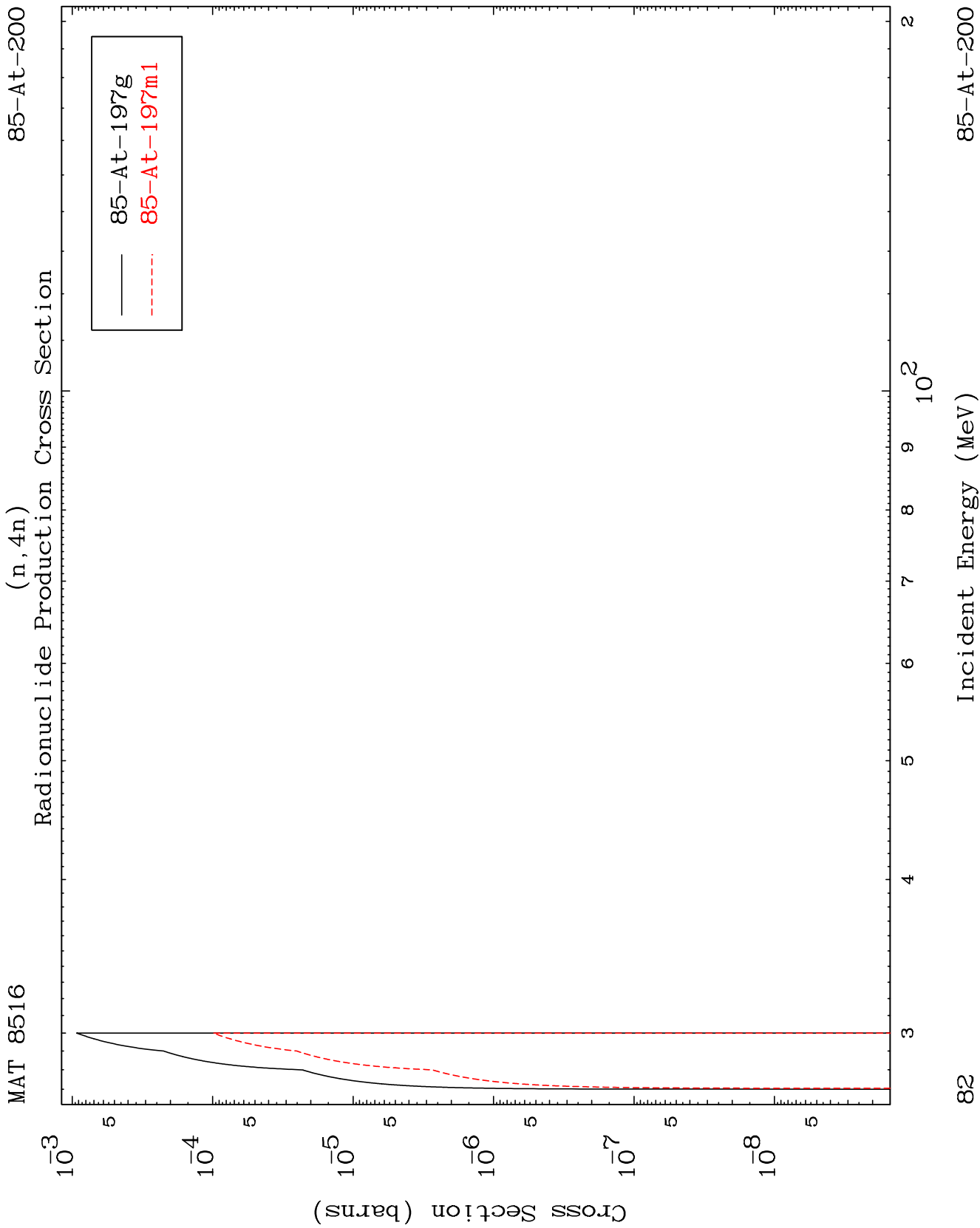
Radionuclide Production Cross Section



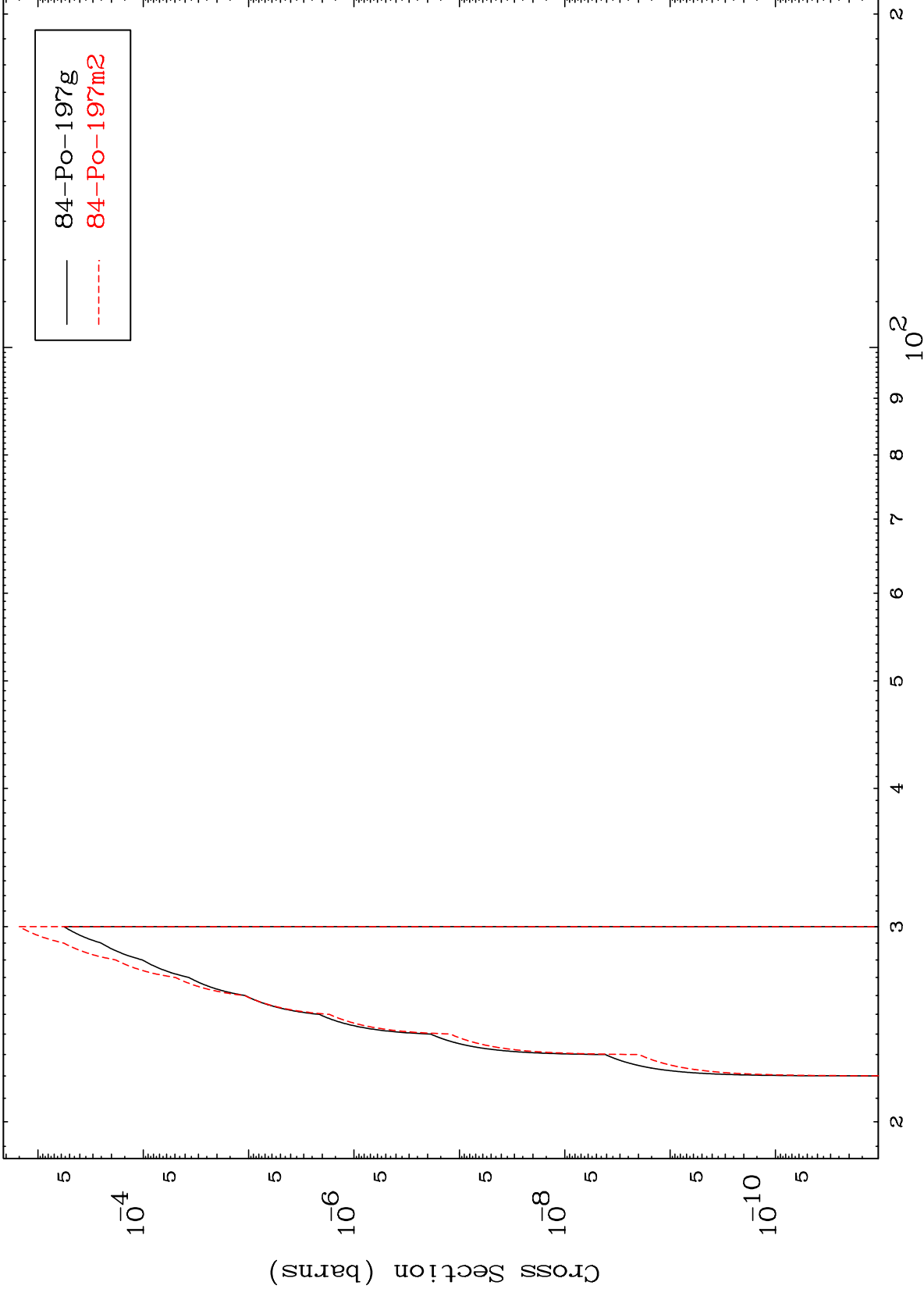
81

Incident Energy (MeV)

85-At-200



Radionuclide Production Cross Section

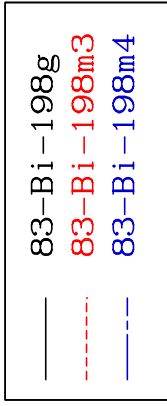
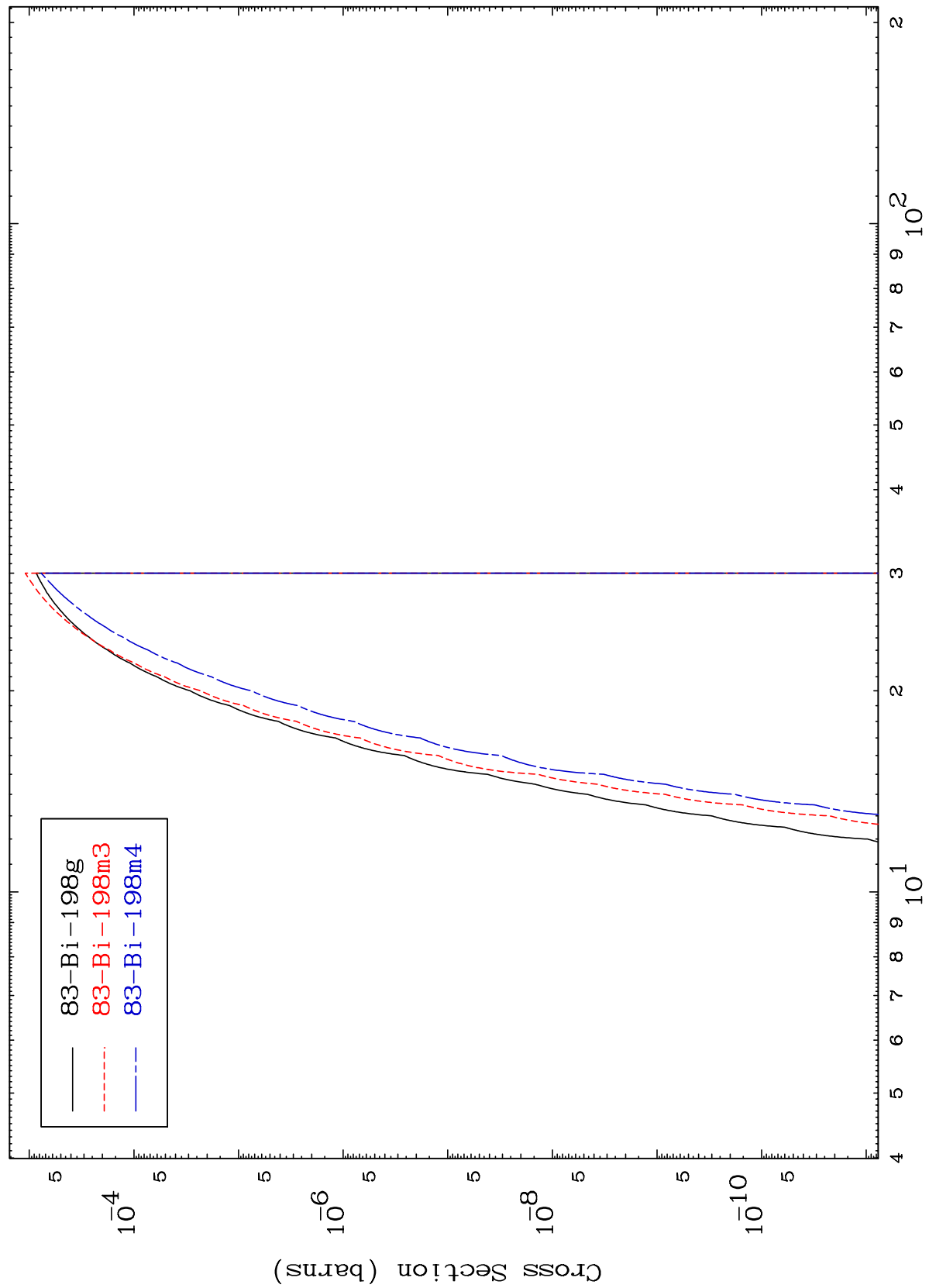


MAT 8516

(n,2n) p

85-At-200

Radionuclide Production Cross Section



84

Incident Energy (MeV)

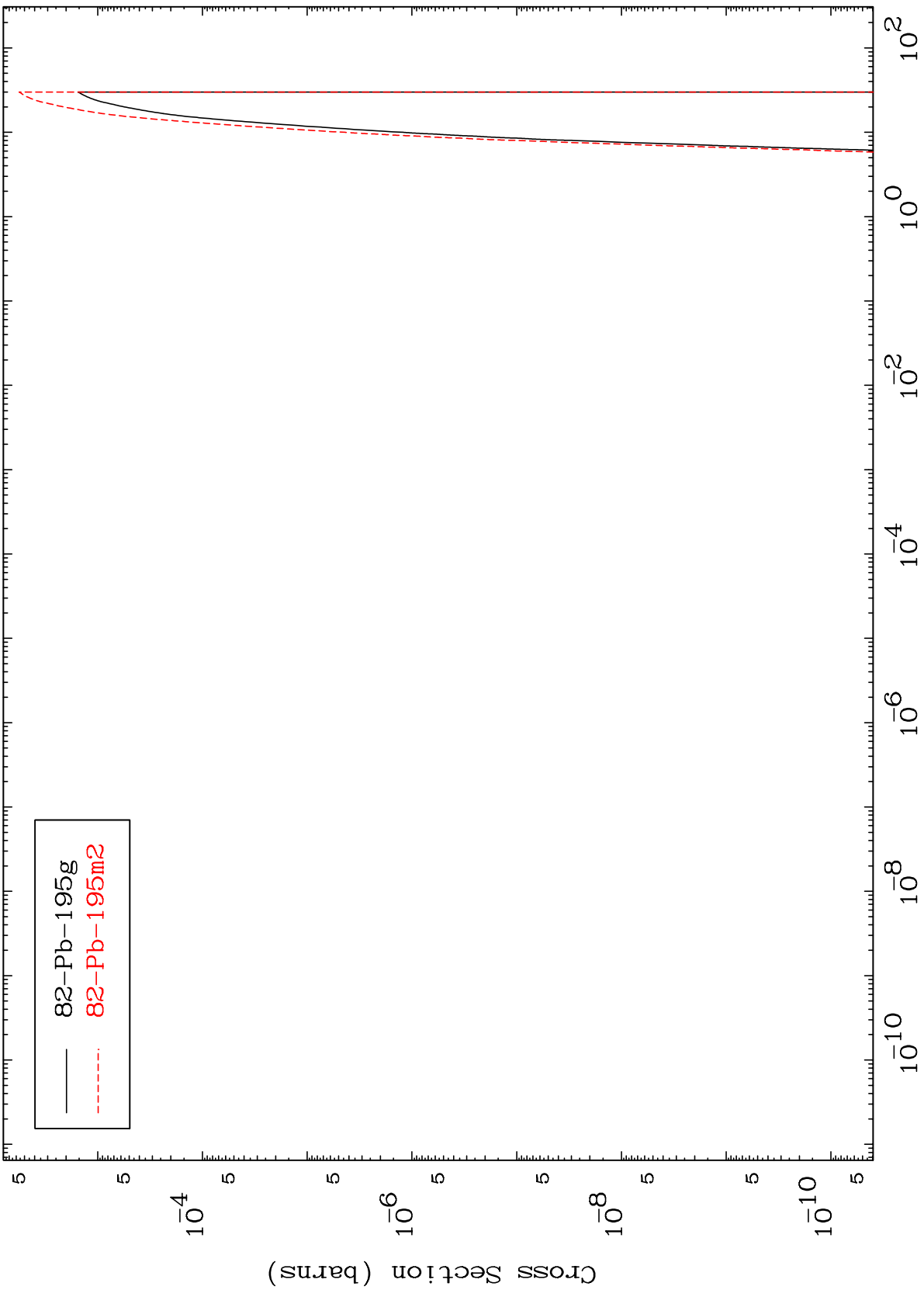
85-At-200

MAT 8516

(n,n') p  $\alpha$

85-At-200

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2

85

Incident Energy (MeV)

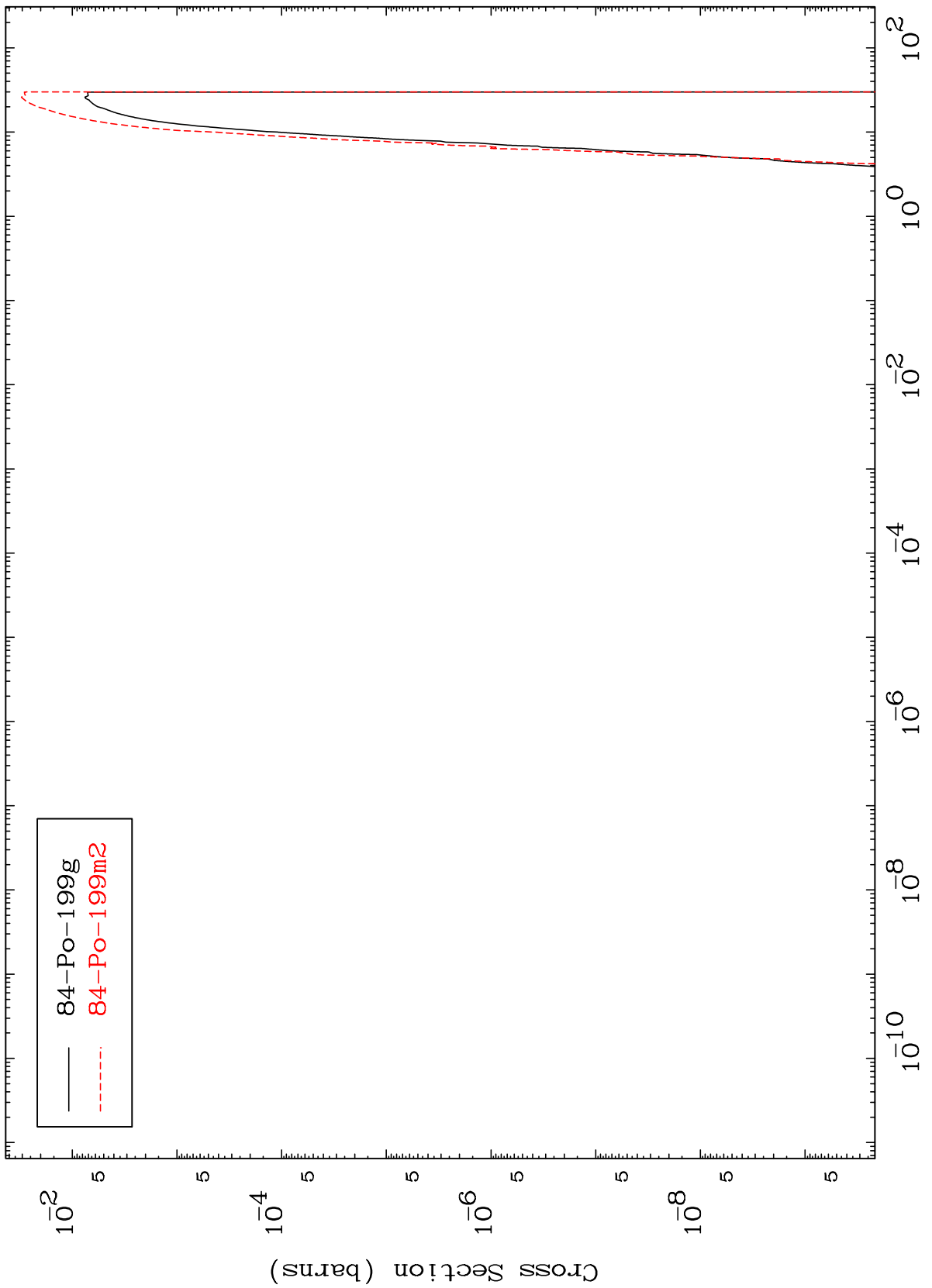
85-At-200

MAT 85116

(n,d)

85-At-200

Radionuclide Production Cross Section



— 84-Po-199g  
- - - 84-Po-199m2

86

Incident Energy (MeV)

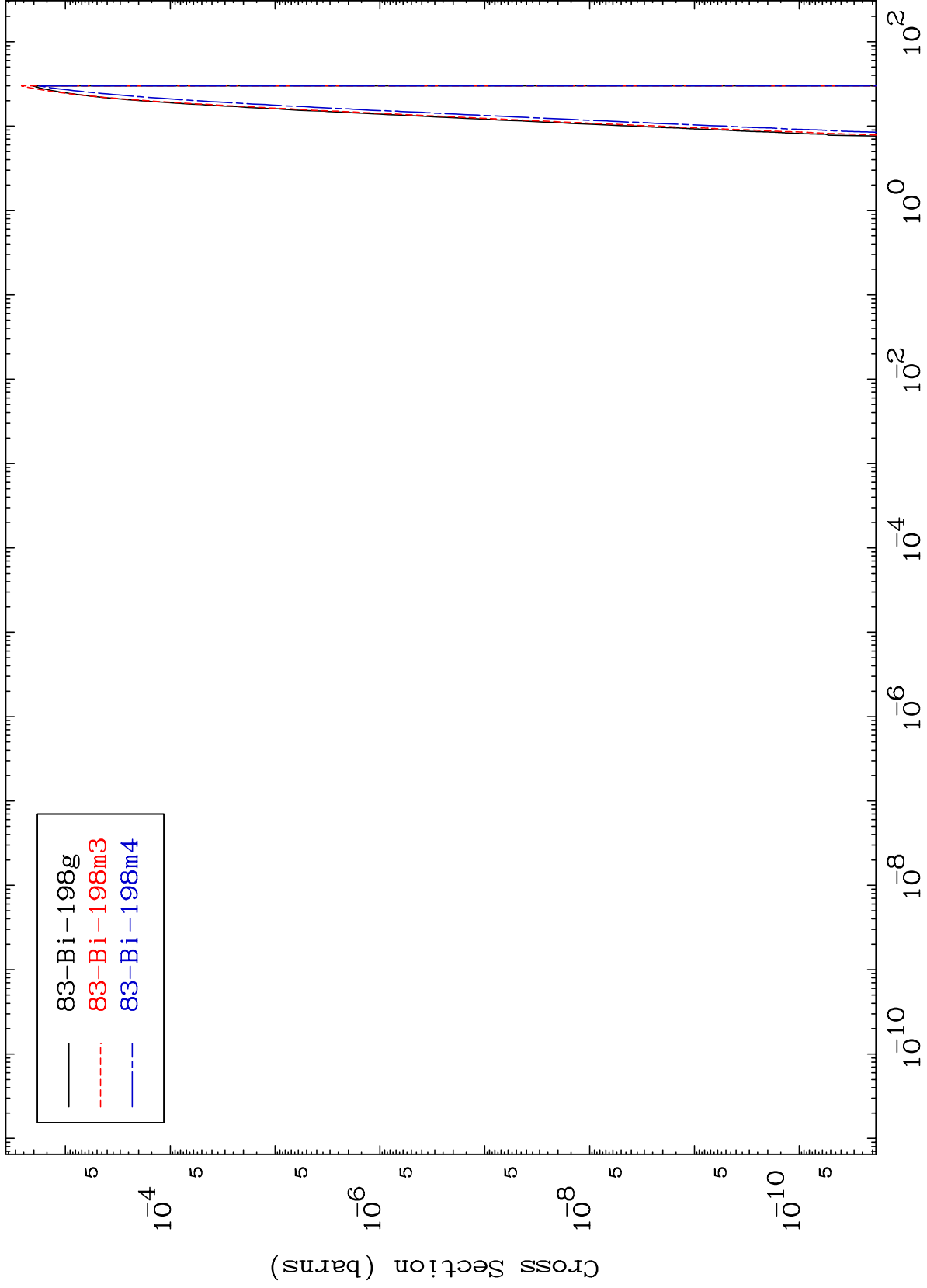
85-At-200

MAT 8516

(n,He-3)

85-At-200

Radionuclide Production Cross Section



87

Incident Energy (MeV)

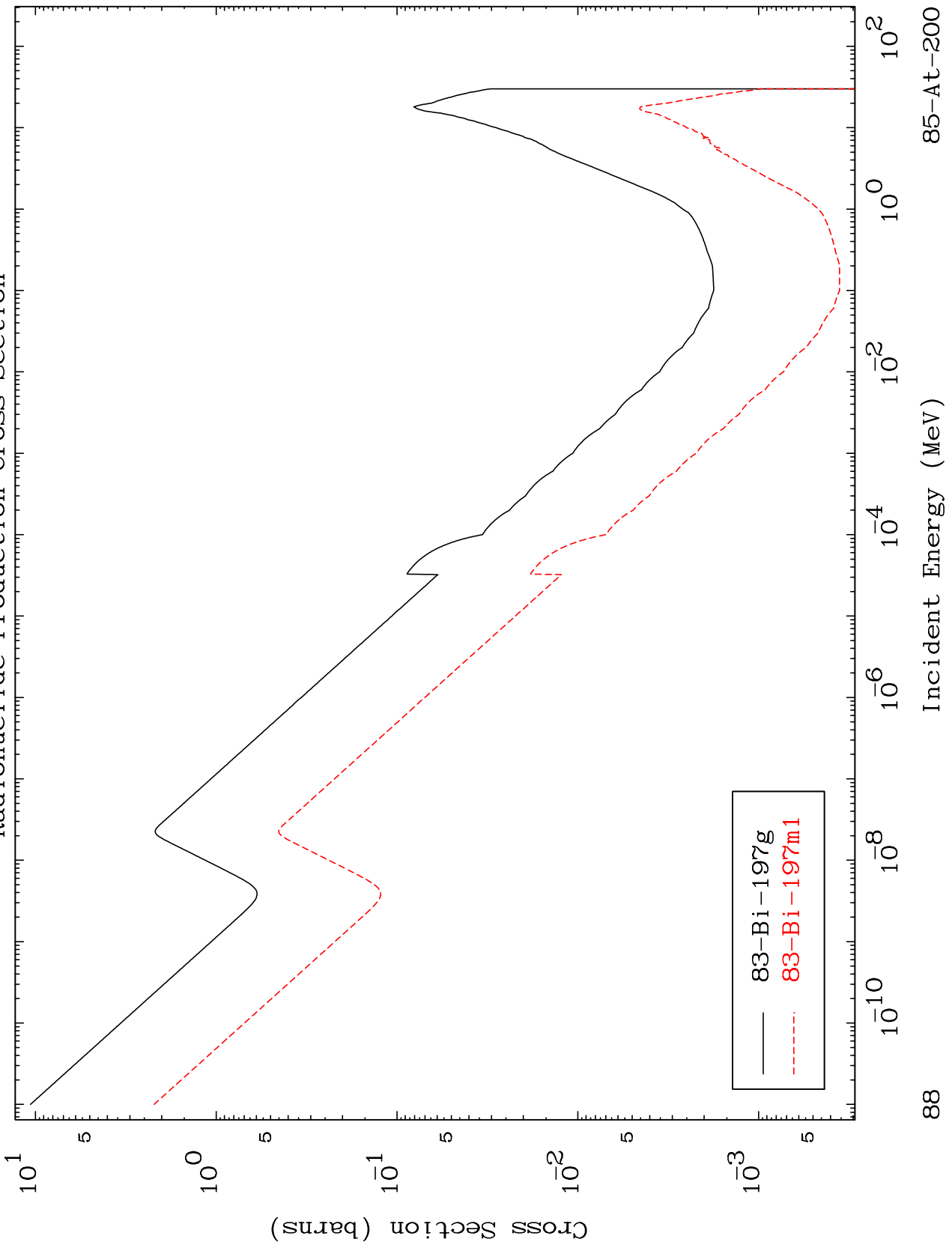
85-At-200



MAT 8516

85-At-200

Radionuclide Production Cross Section

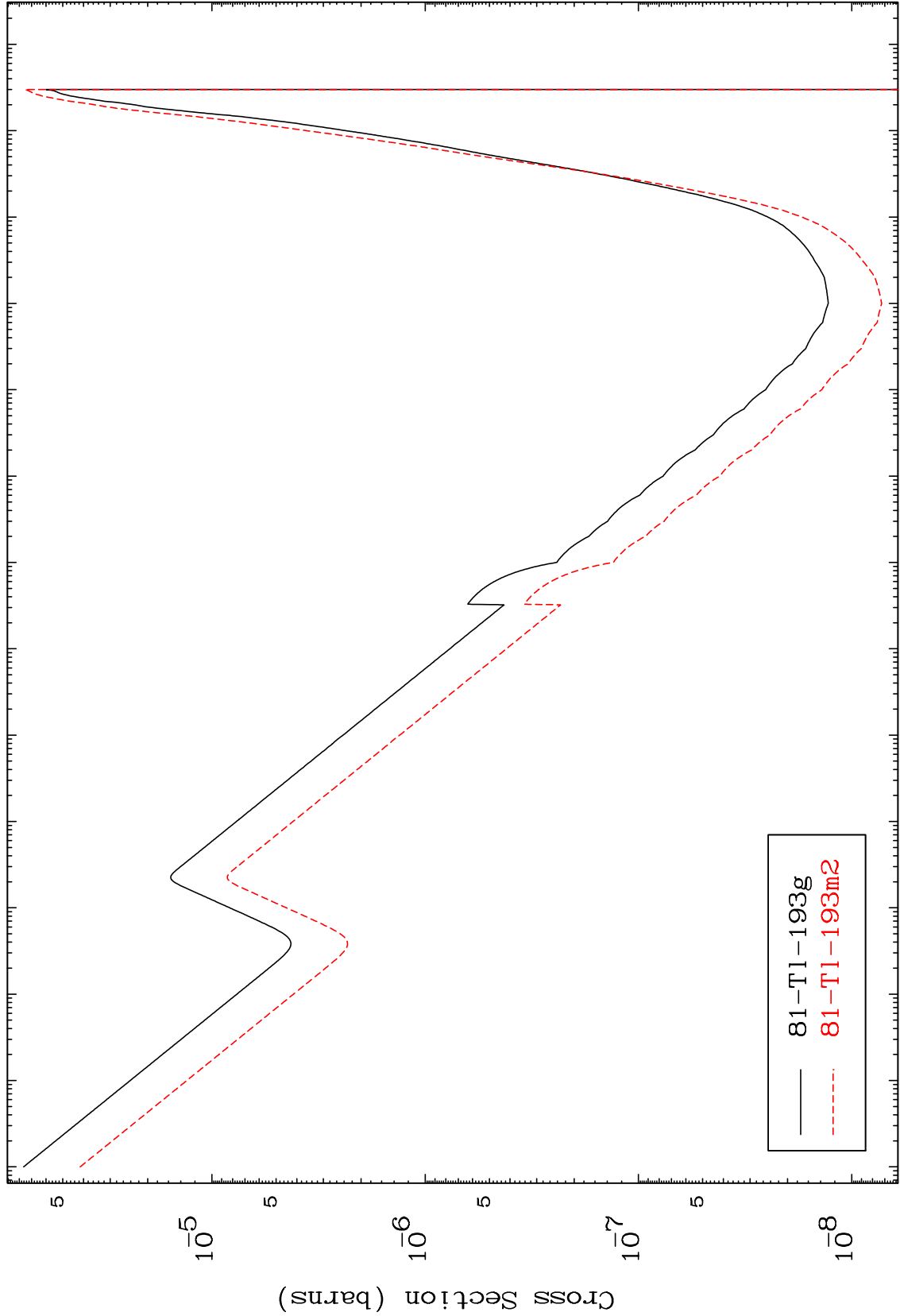


MAT 8516

(n,2α)

85-At-200

Radionuclide Production Cross Section



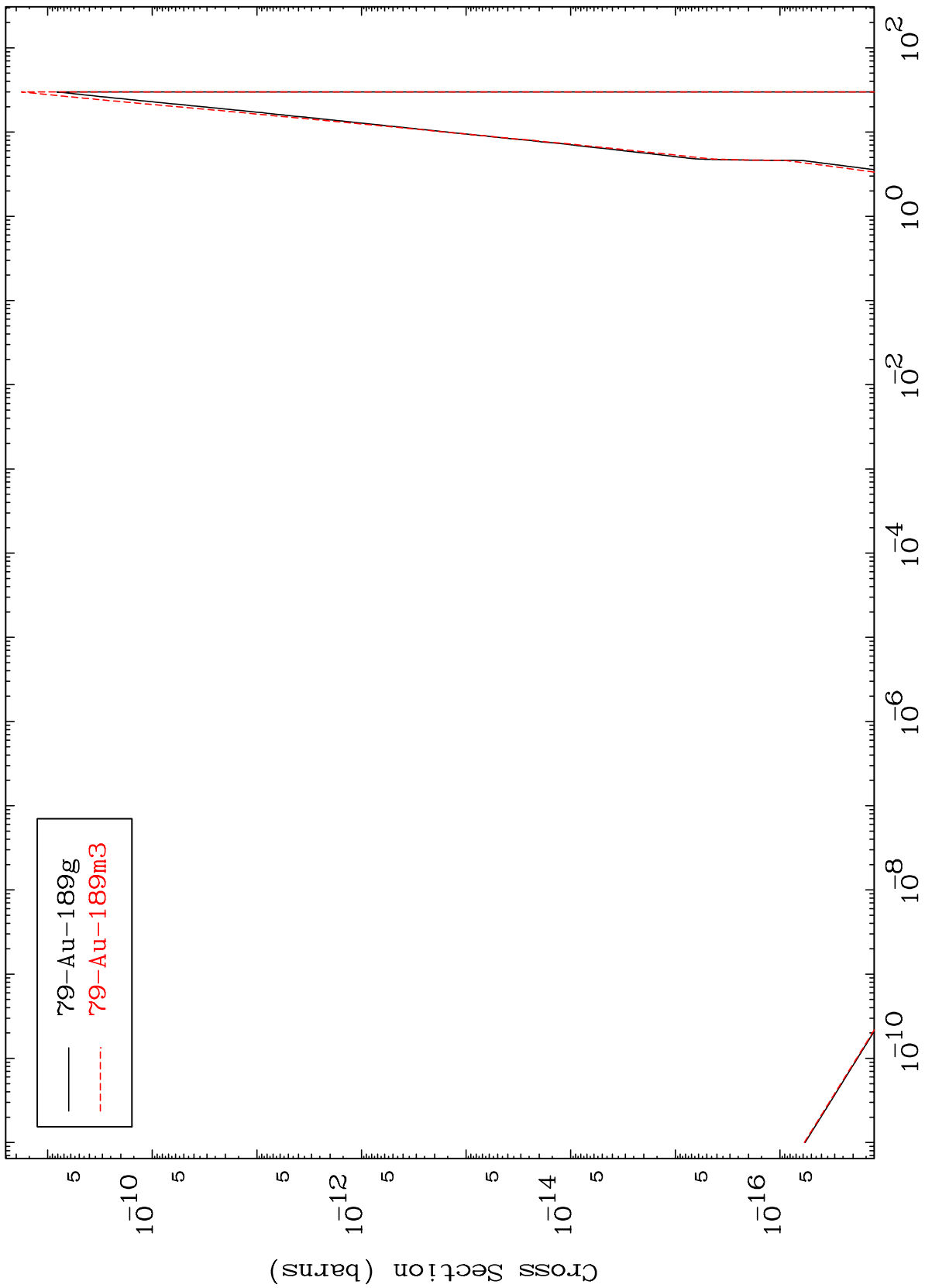
89

85-At-200

MAT 8516

85-At-200

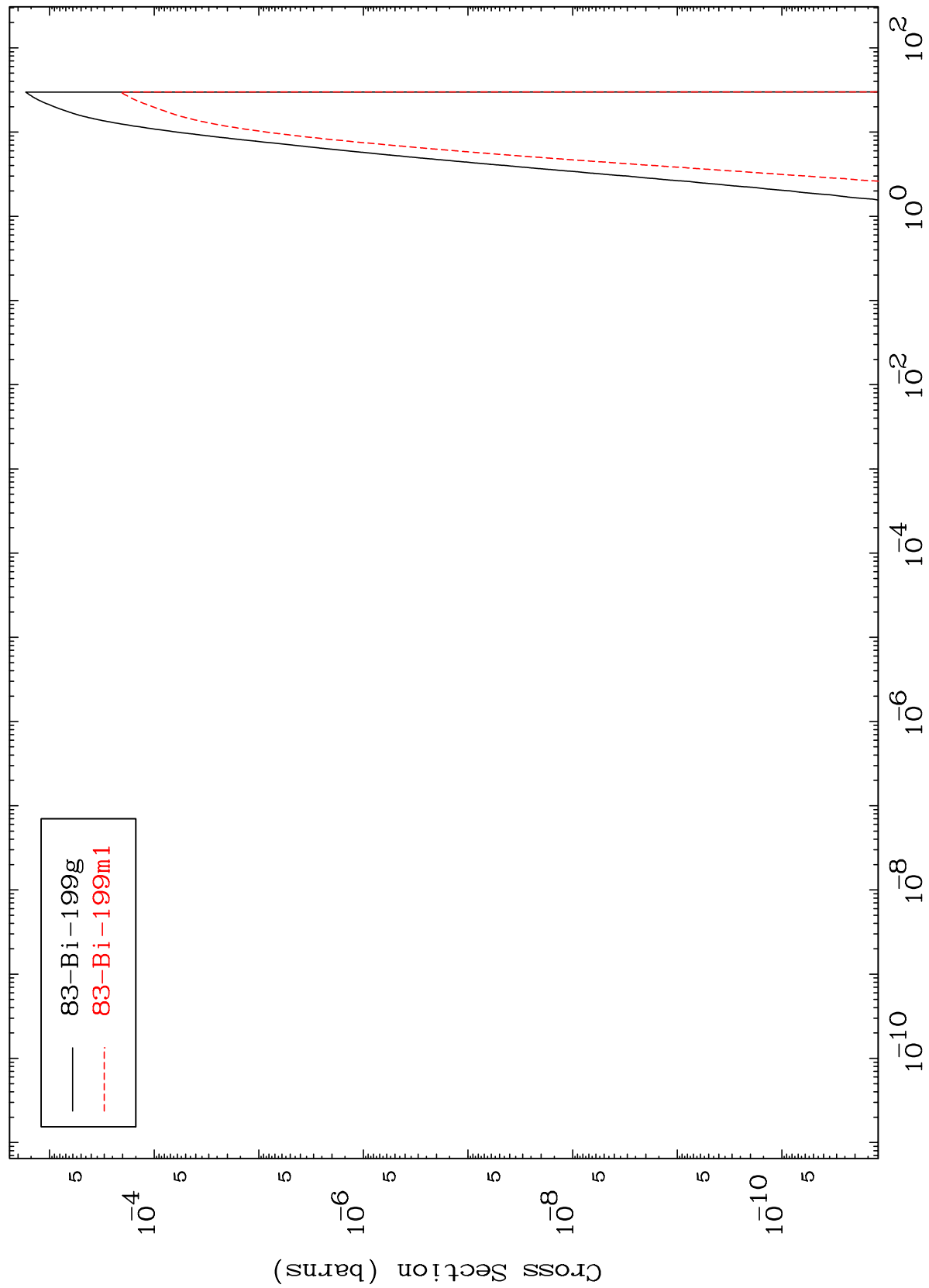
(n,3 $\alpha$ )  
Radionuclide Production Cross Section



MAT 8516

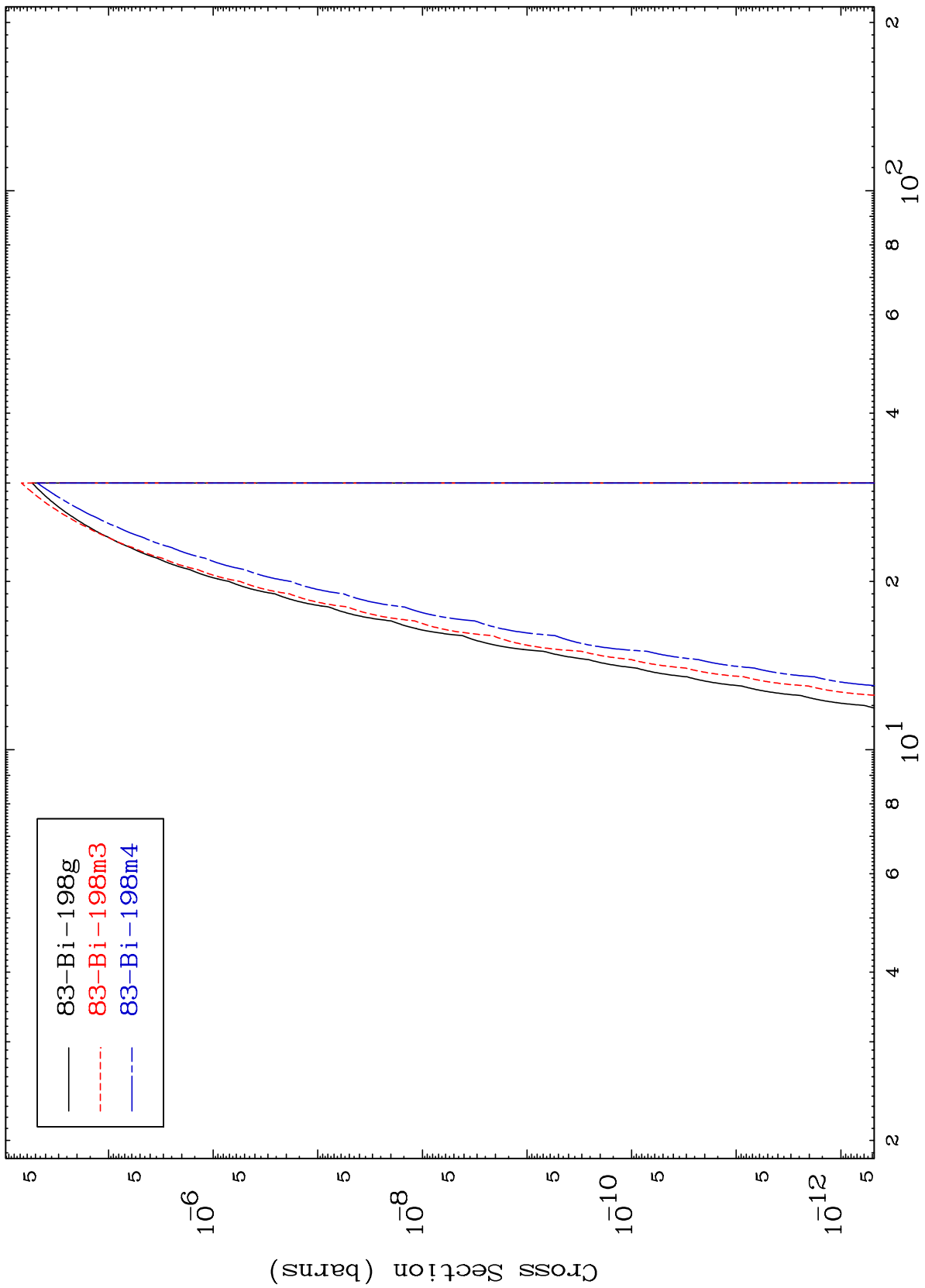
85-At-200

(n,2p)  
Radionuclide Production Cross Section



— 83-Bi-199g  
- - - 83-Bi-199m1

Radionuclide Production Cross Section

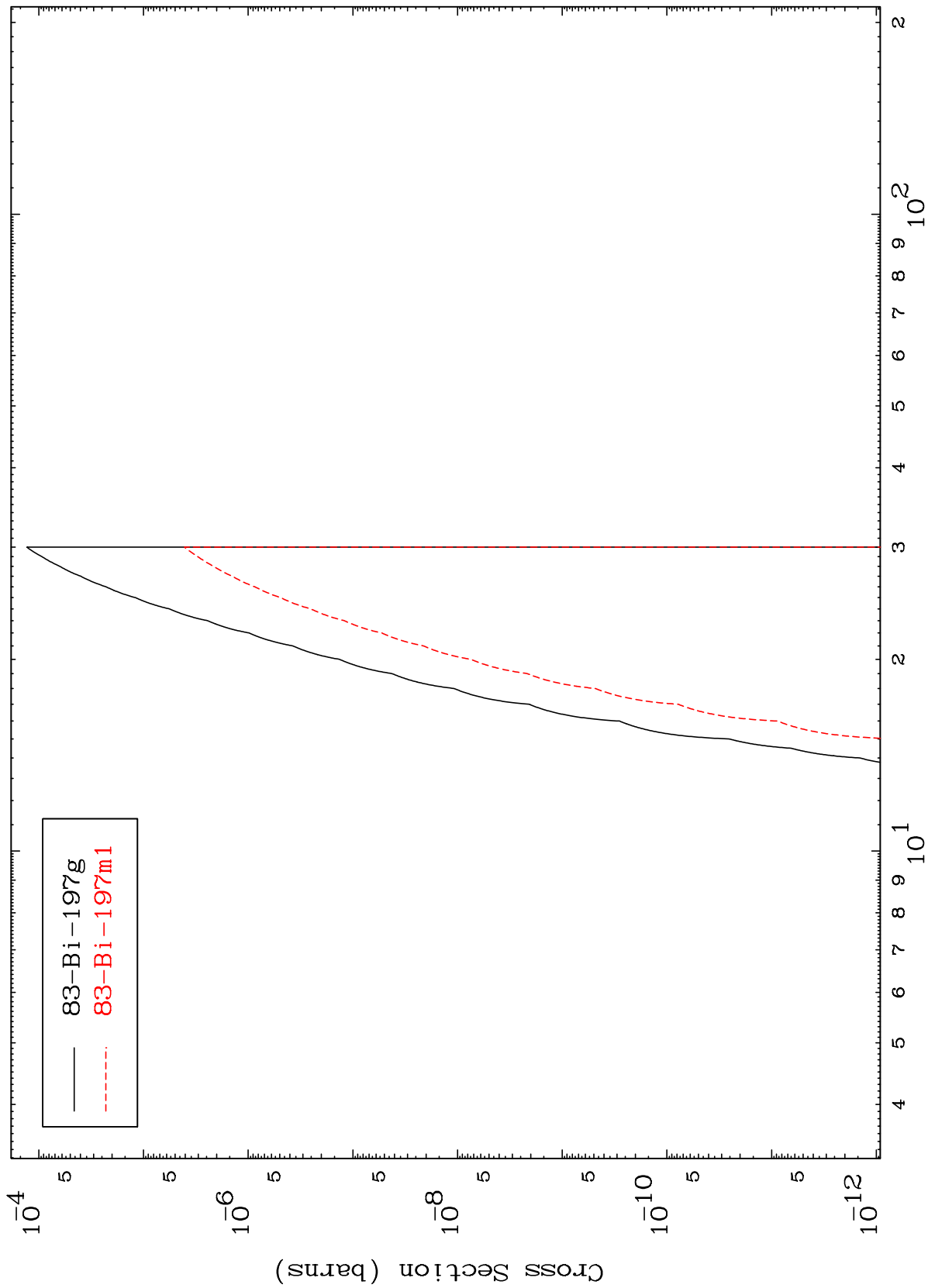


MAT 8516

(n,p) t

85-At-200

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

MAT 8516

(n,d)  $\alpha$

85-At-200

Radionuclide Production Cross Section

