

Program EVALPLOT  
(Version 2015-2)

by

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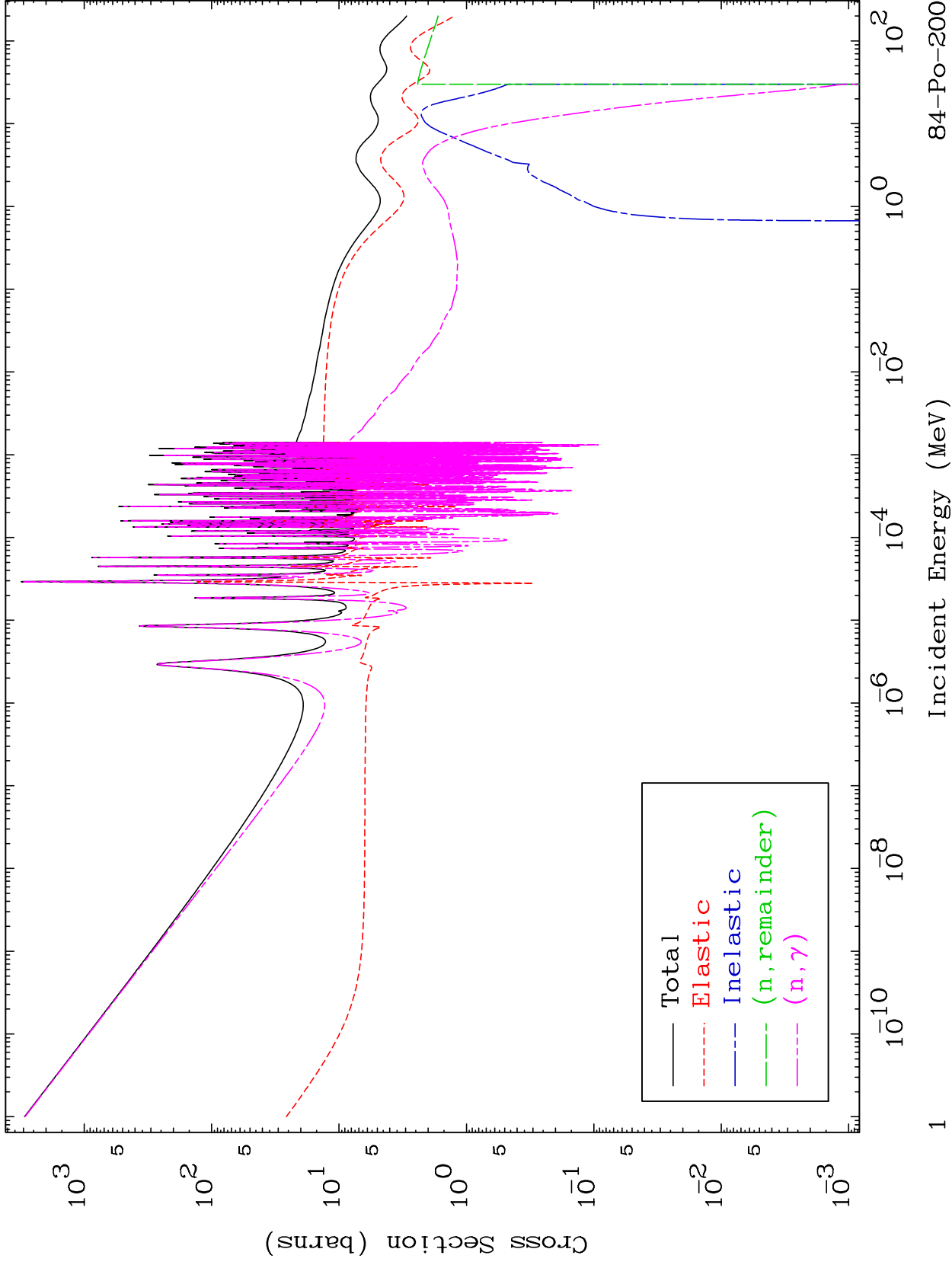
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8407

Major  
293 Kelvin Cross Sections

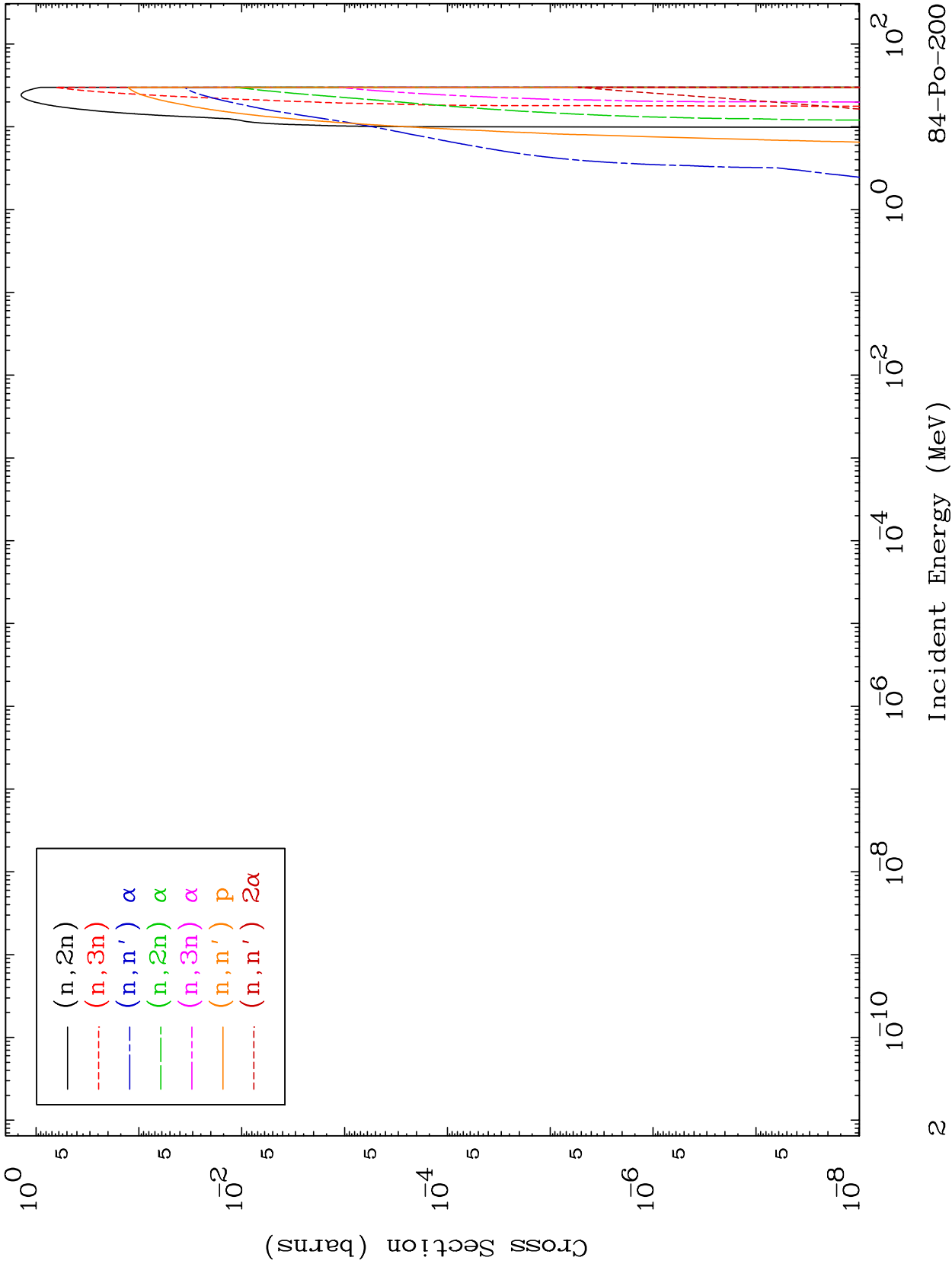
84-Po-200



MAT 8407

Neutron Production  
293 Kelvin Cross Sections

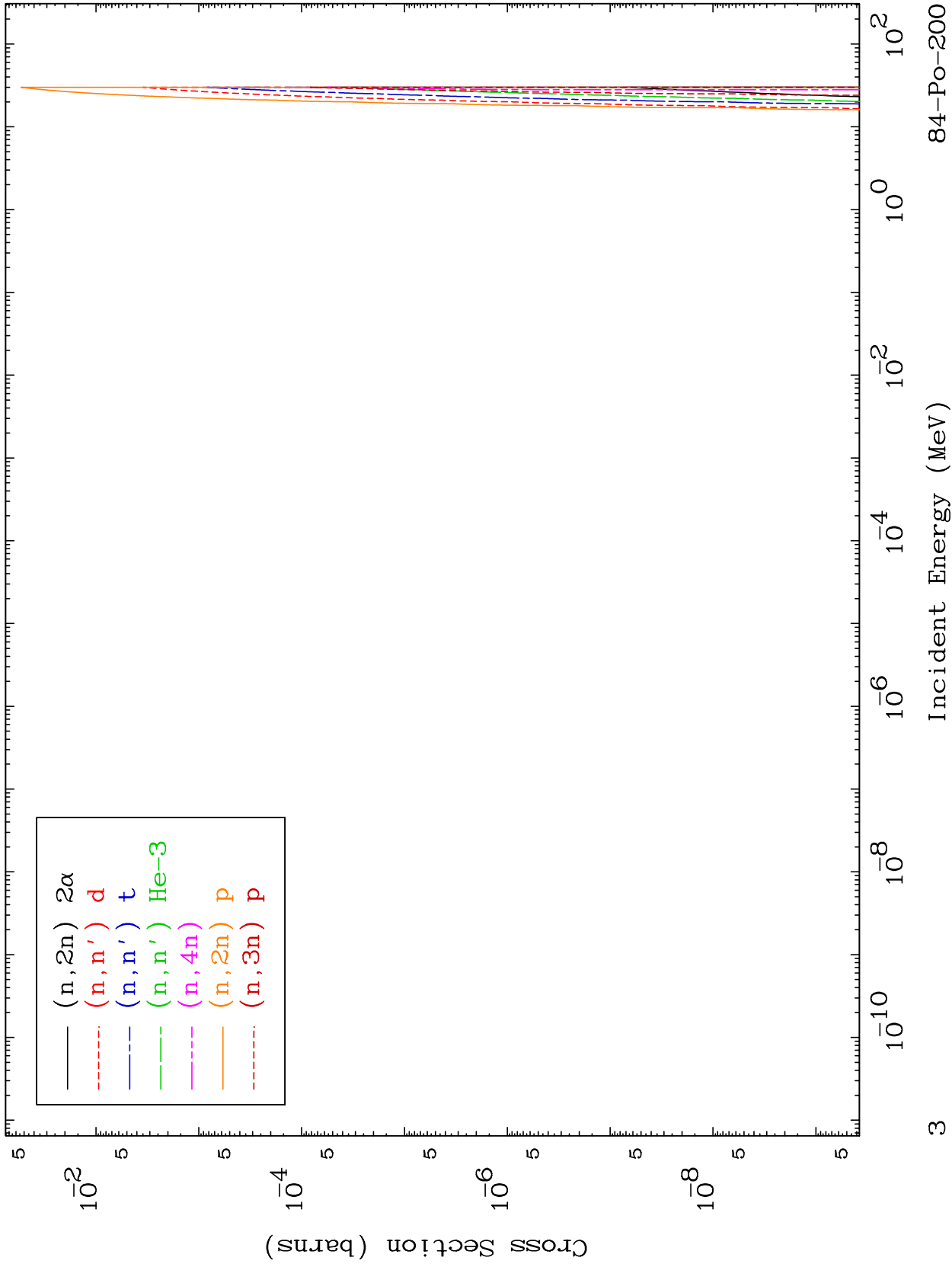
84-Po-200



MAT 8407

Neutron Production  
293 Kelvin Cross Sections

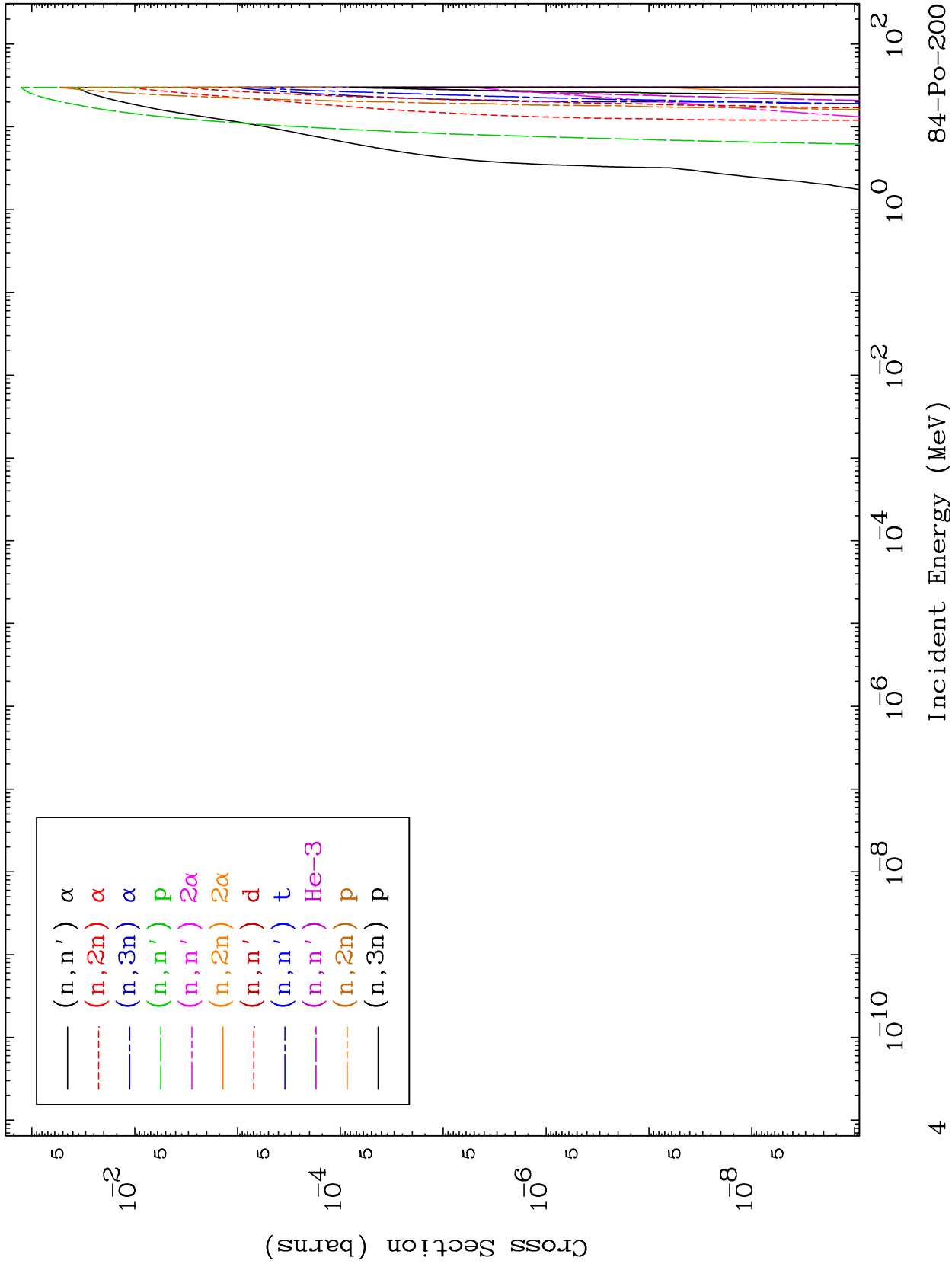
84-Po-200



MAT 8407

Charged Particle  
293 Kelvin Cross Sections

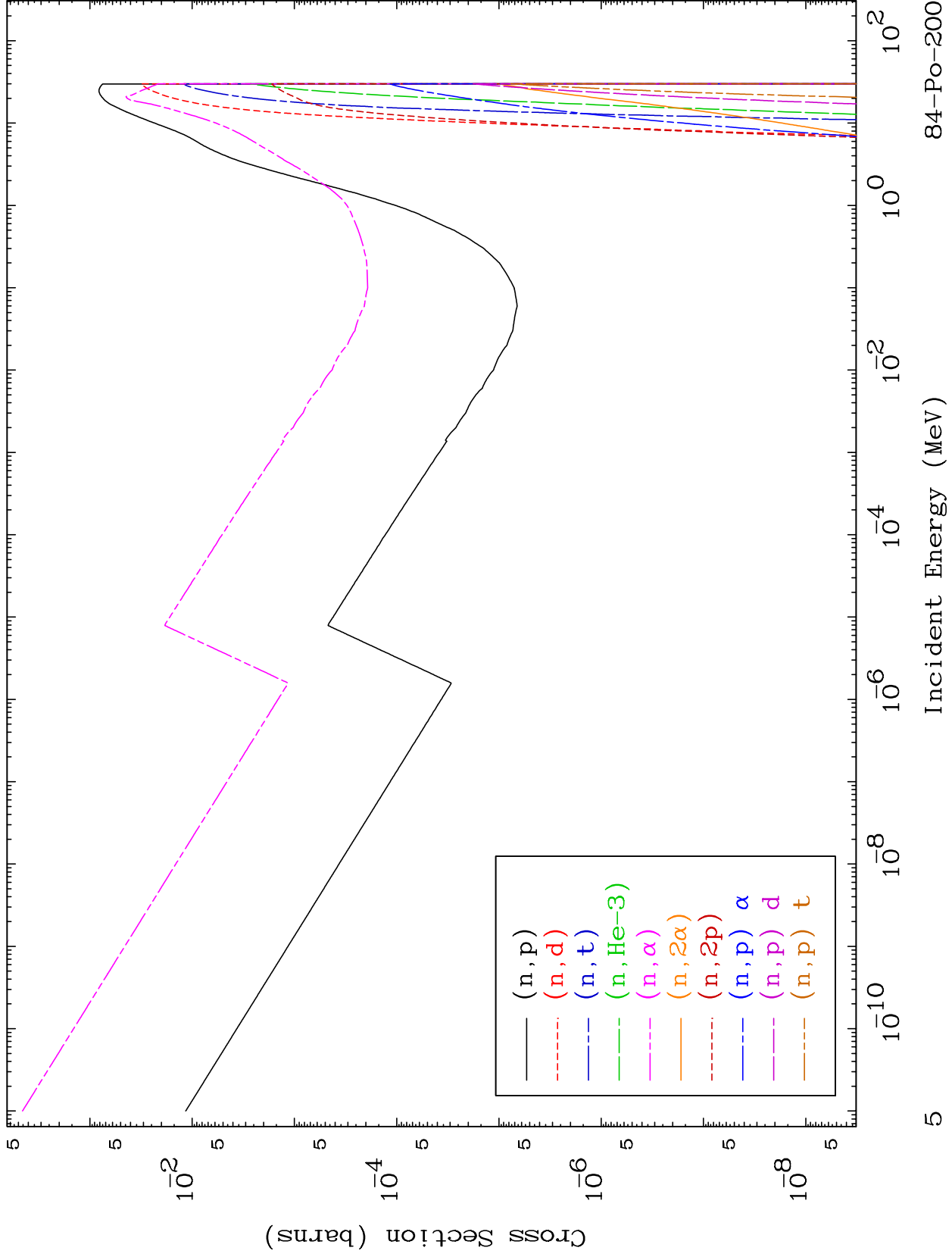
84-Po-200



MAT 8407

Charged Particle  
293 Kelvin Cross Sections

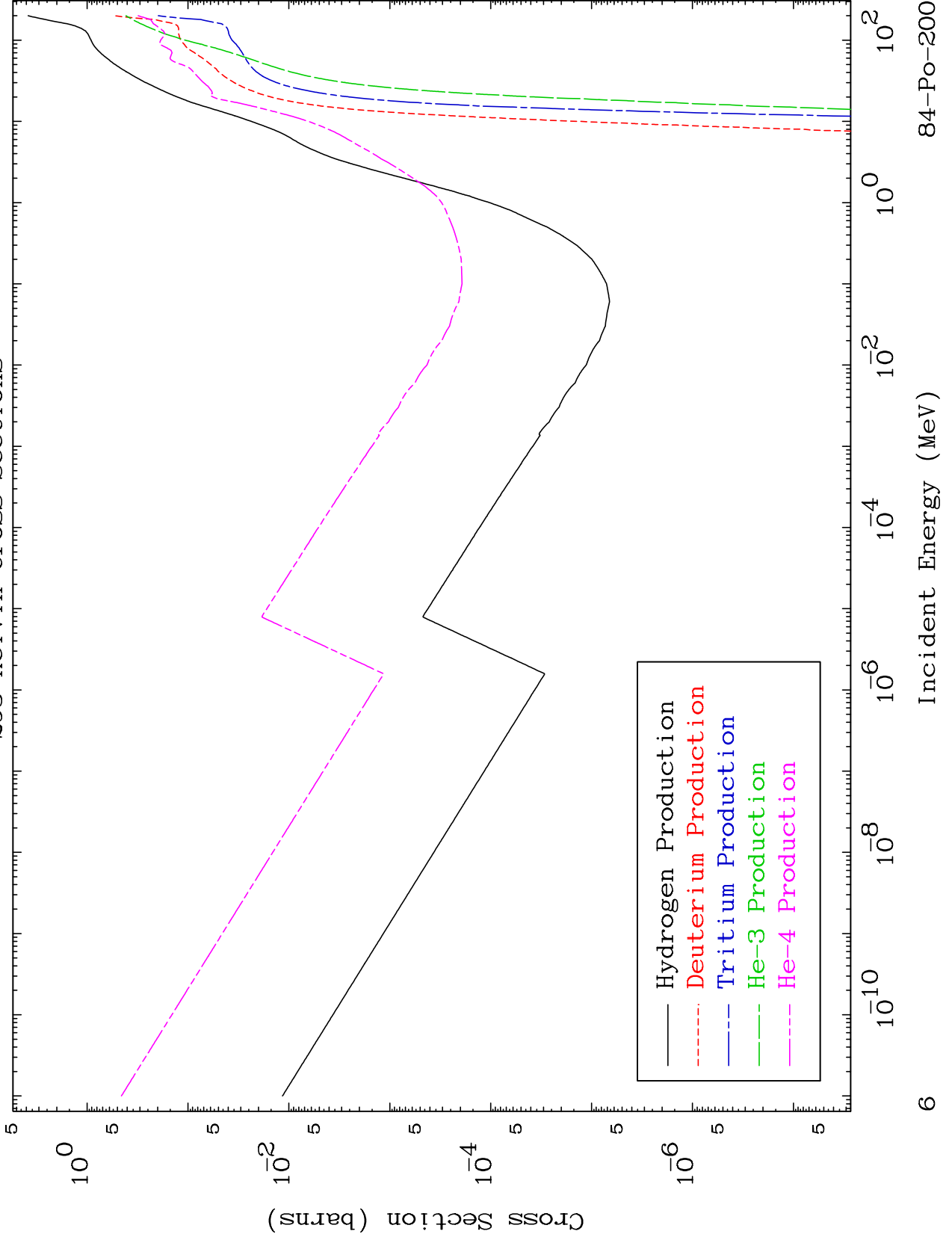
84-Po-200



MAT 8407

Particle Production  
293 Kelvin Cross Sections

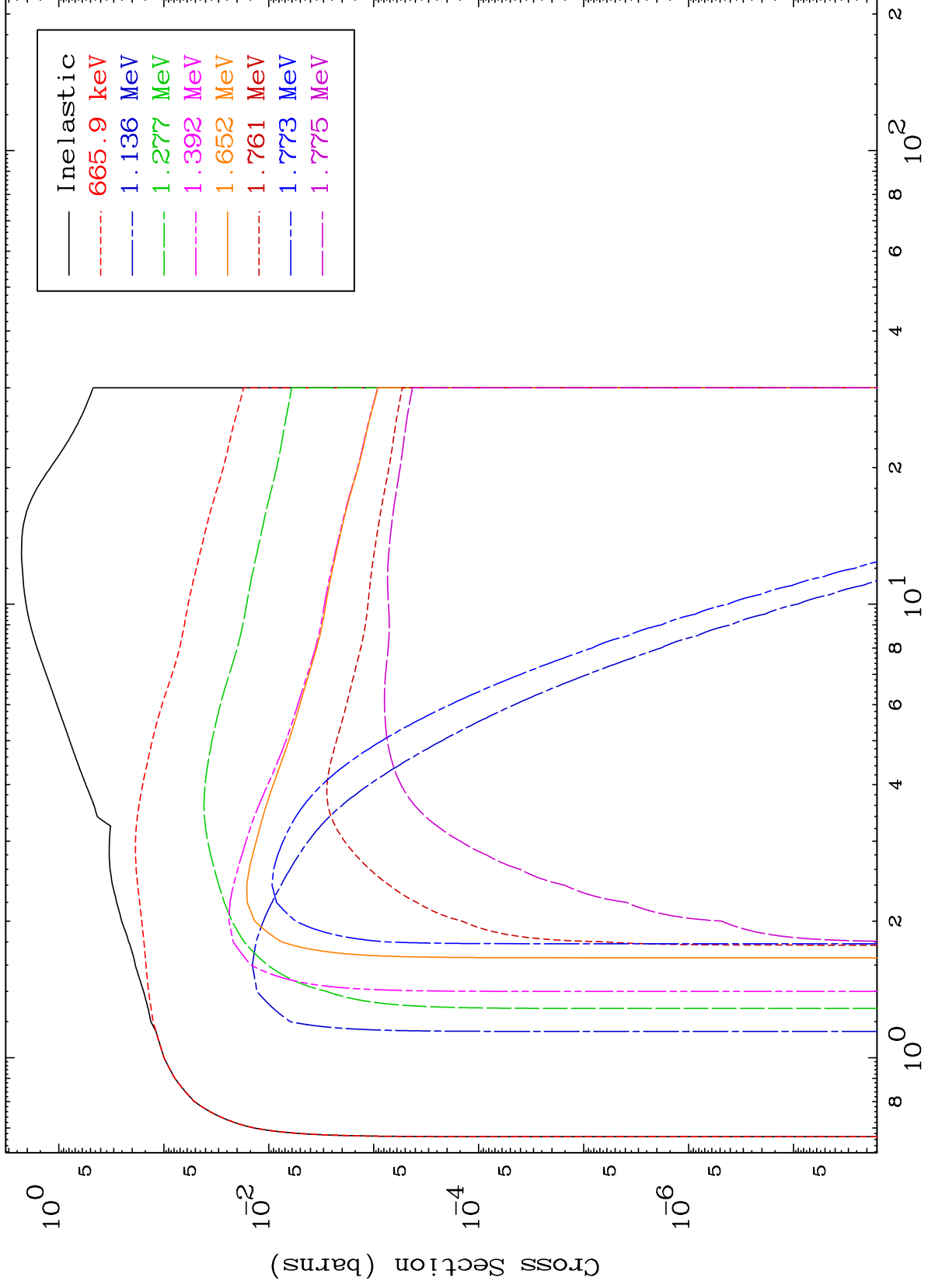
84-Po-200



MAT 8407

(n,n') Level  
293 Kelvin Cross Sections

84-Po-200



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Incident Energy (MeV)

84-Po-200

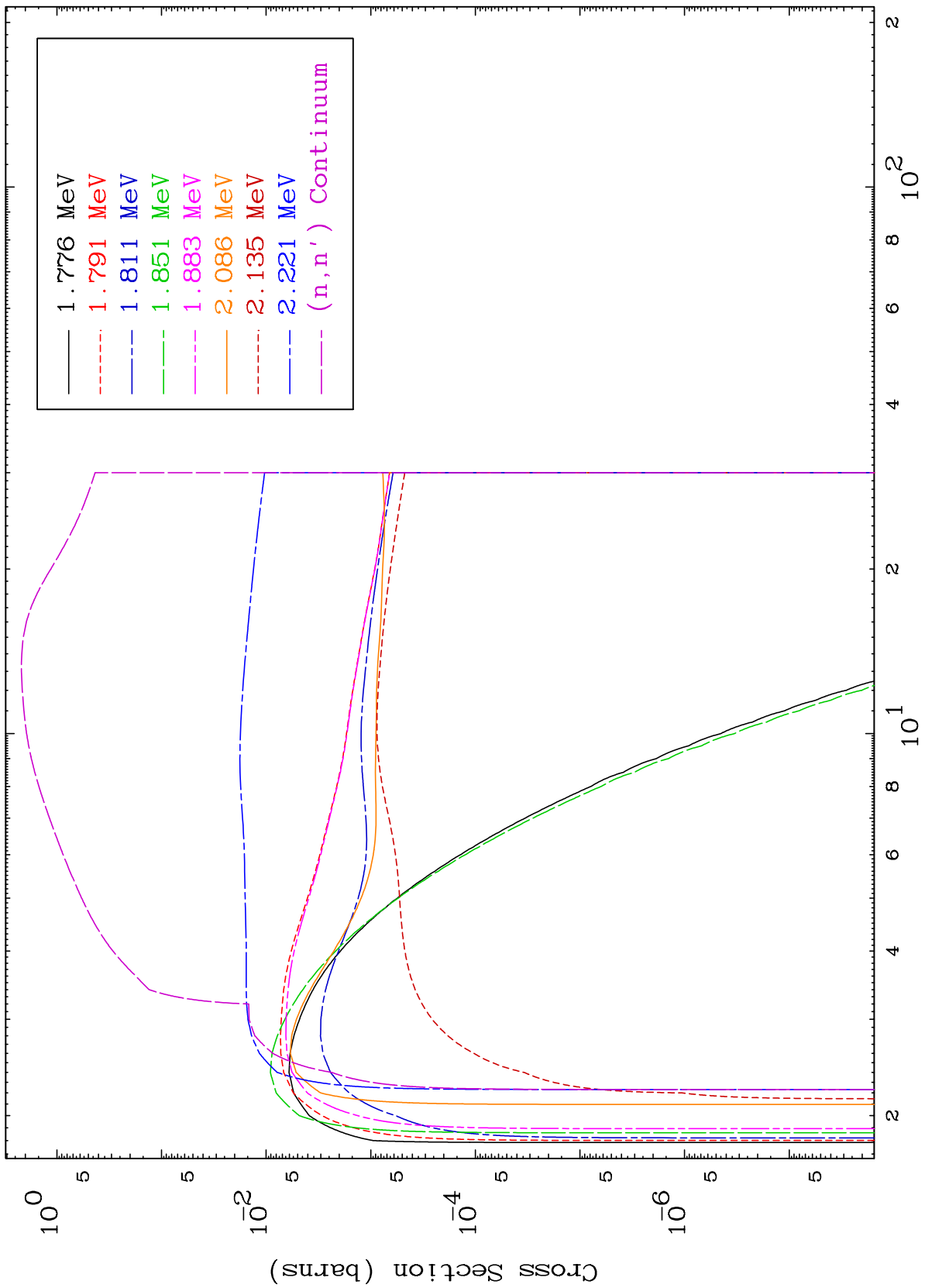


MAT 8407

(n,n') Level

84-Po-200

293 Kelvin Cross Sections



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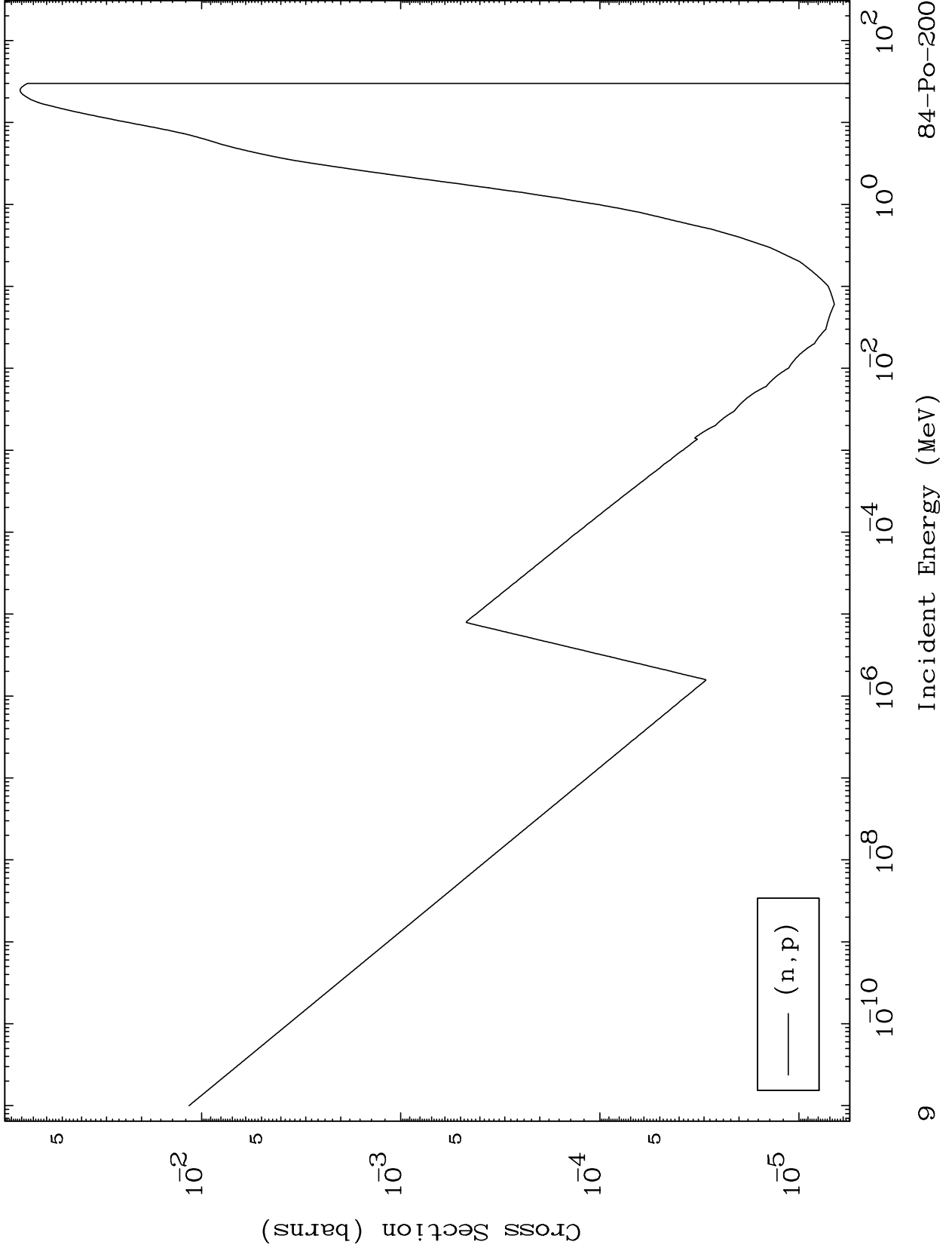
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p) Levels  
293 Kelvin Cross Sections

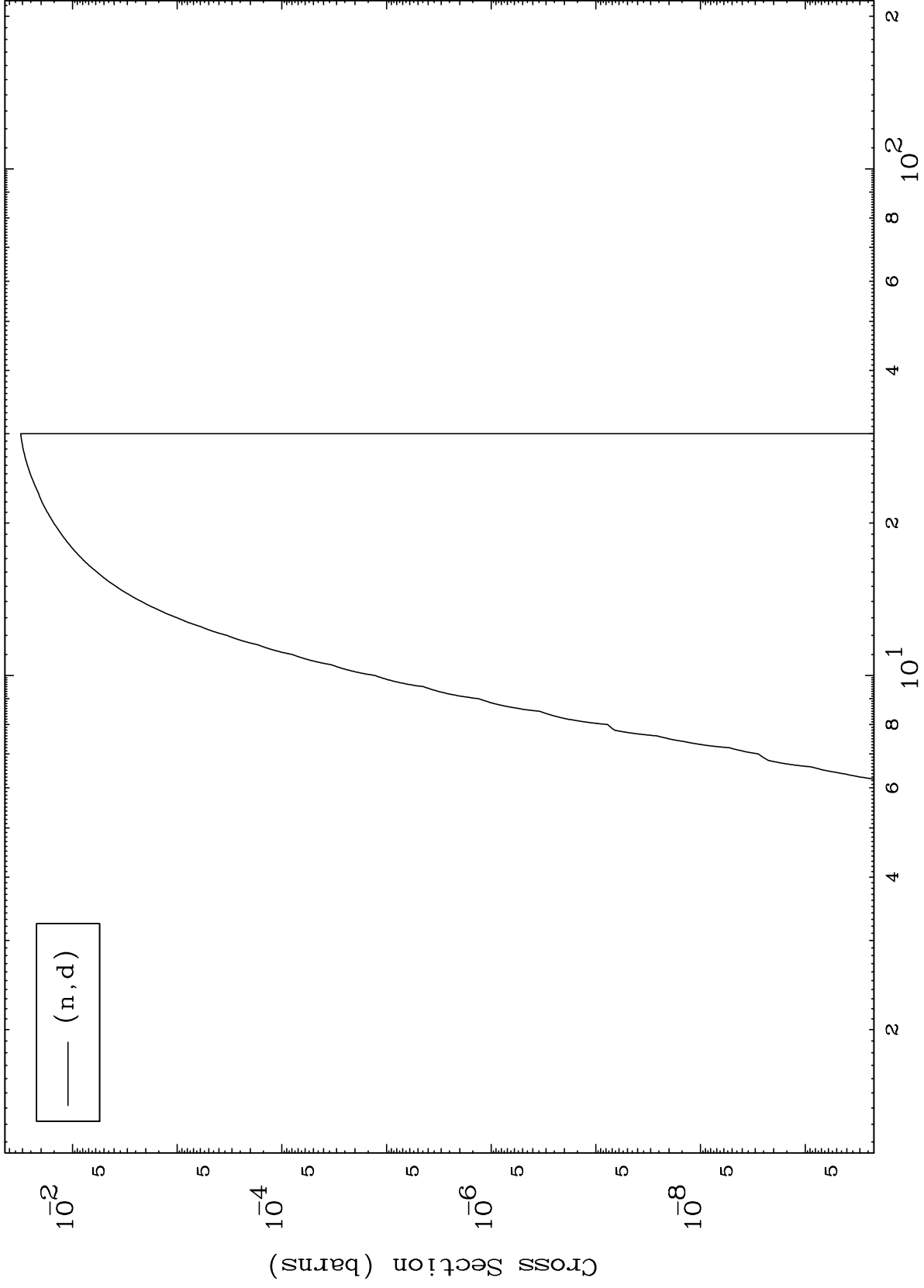
84-Po-200



MAT 8407

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-200



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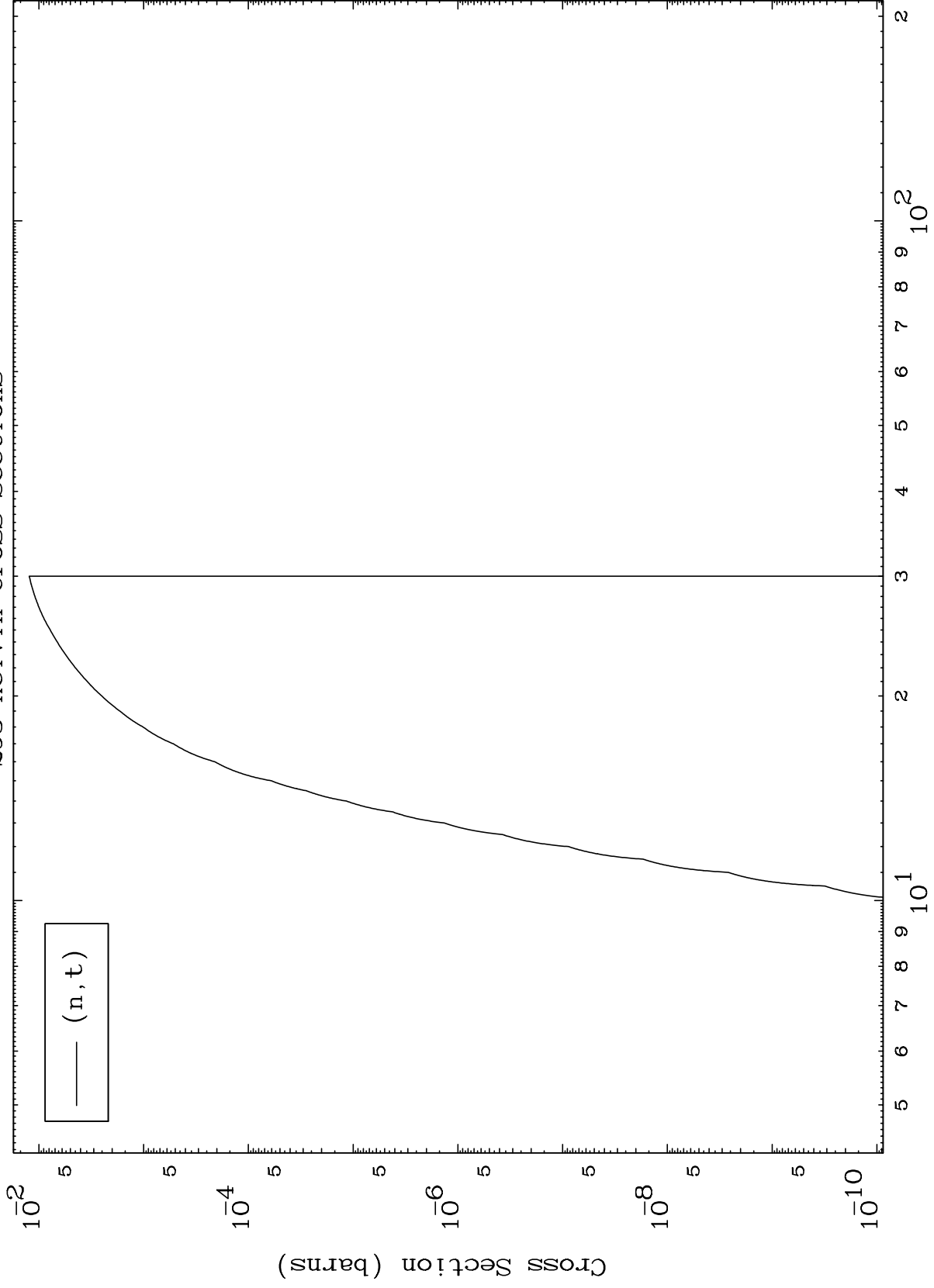
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,t) Levels  
293 Kelvin Cross Sections

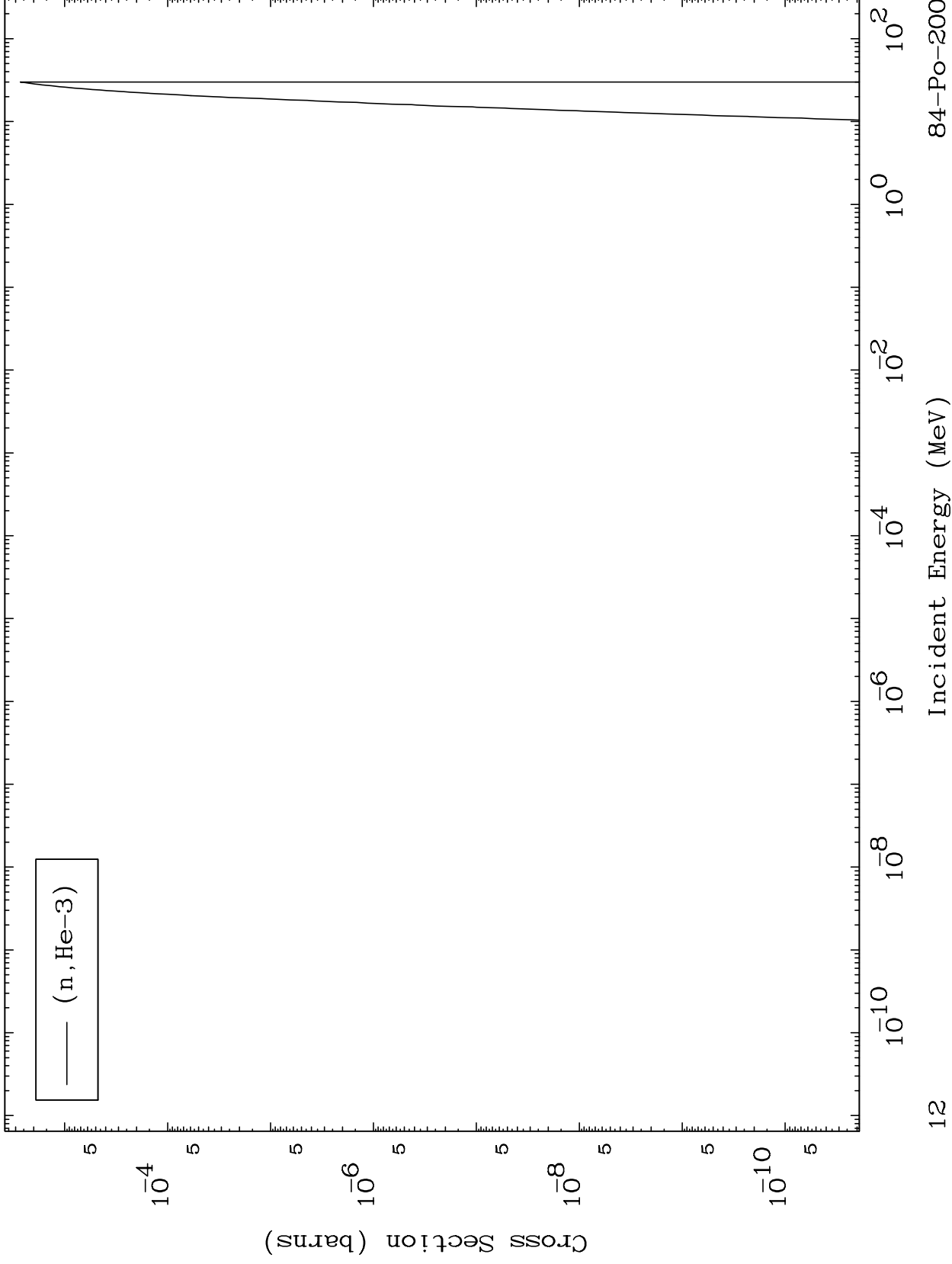
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MAT 8407

(n,He3) Levels  
293 Kelvin Cross Sections

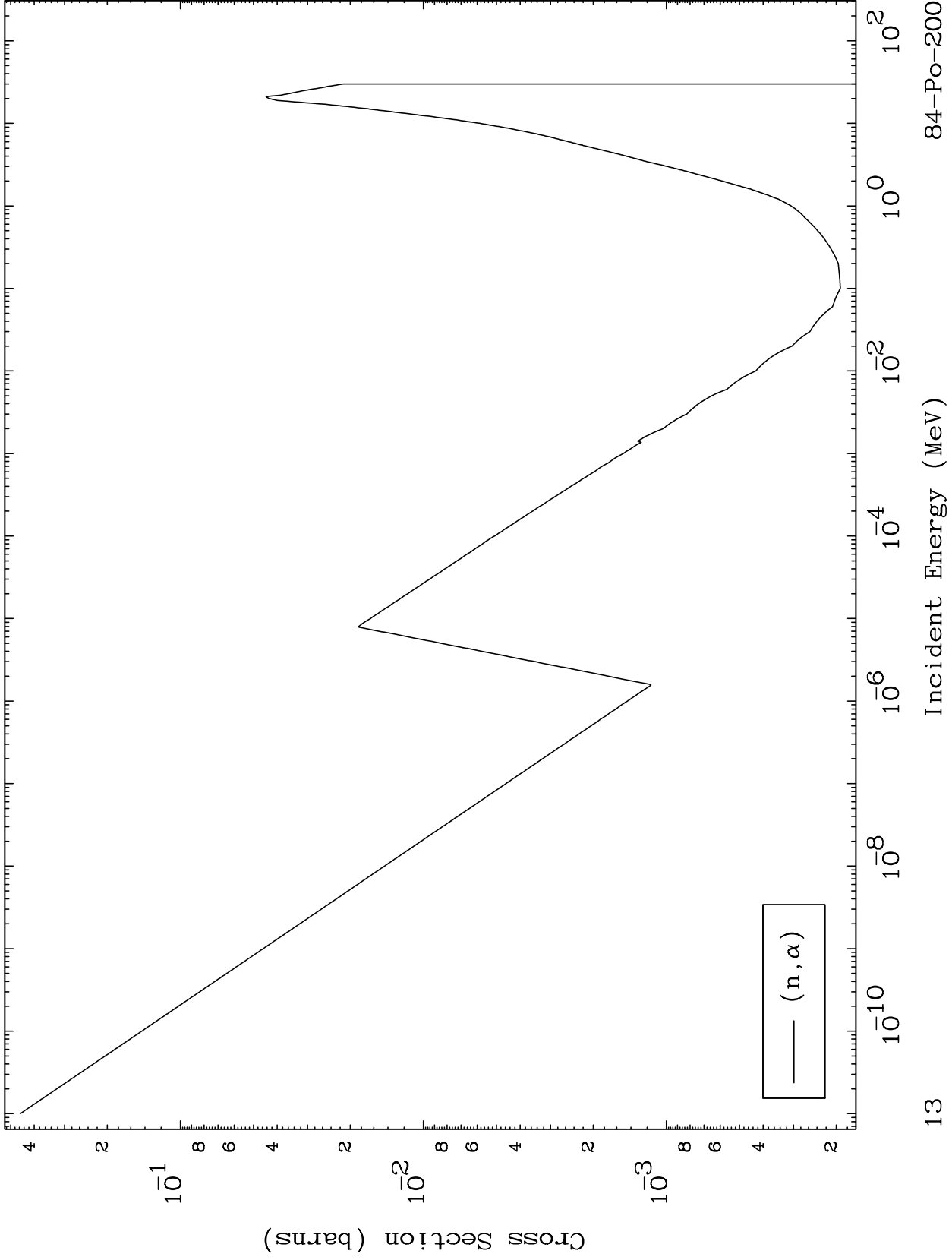
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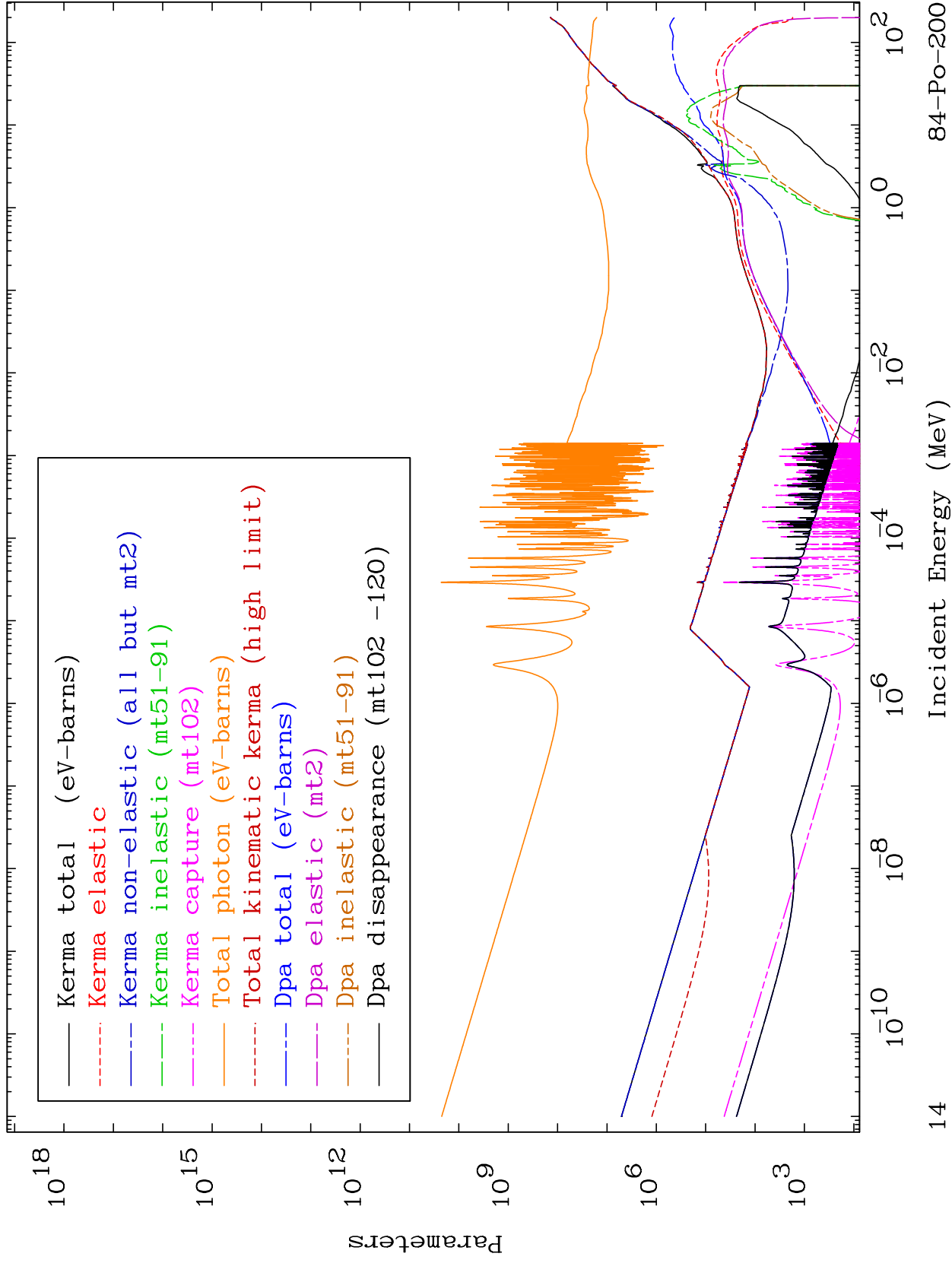


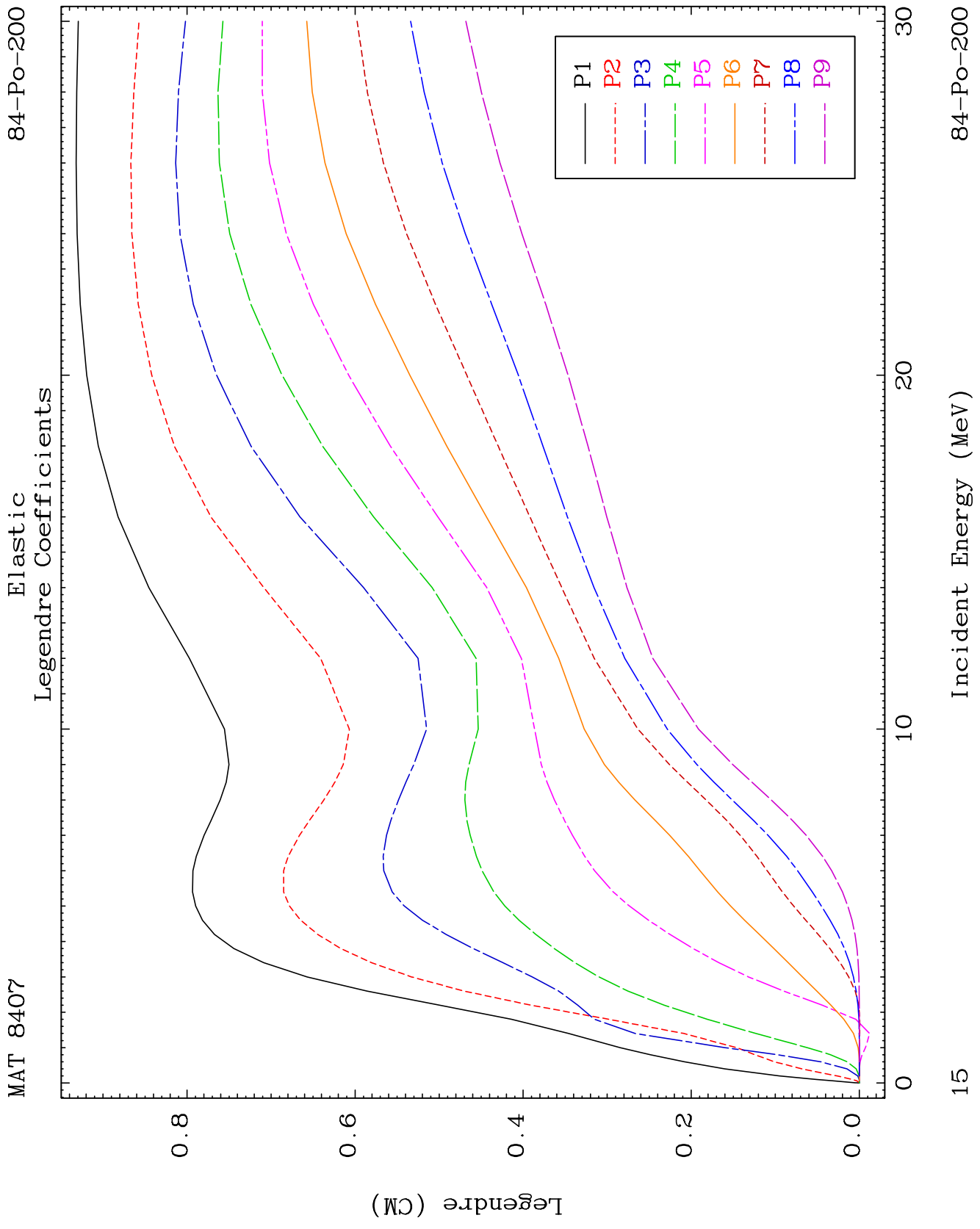
MAT 8407

(n,α) Levels  
293 Kelvin Cross Sections

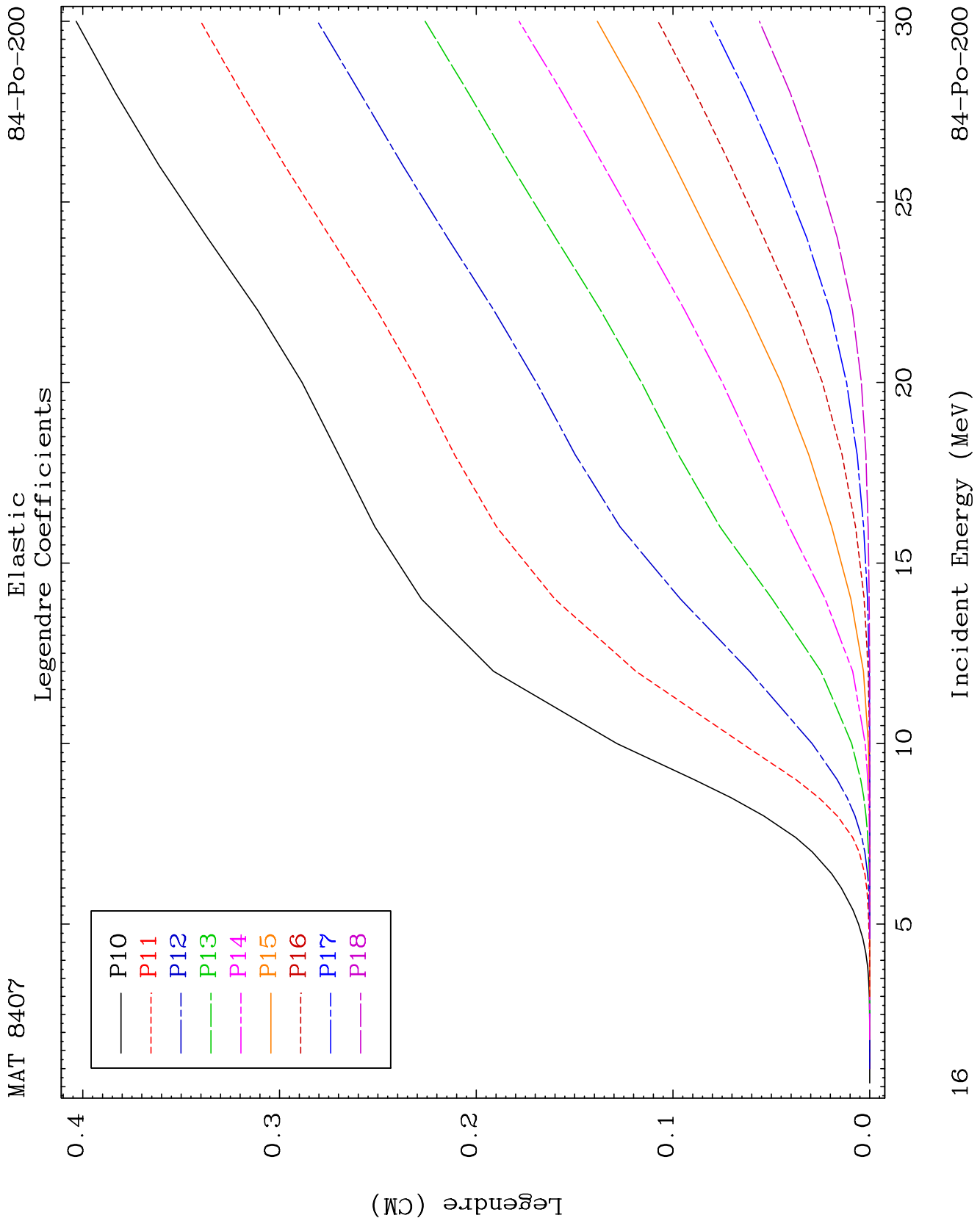
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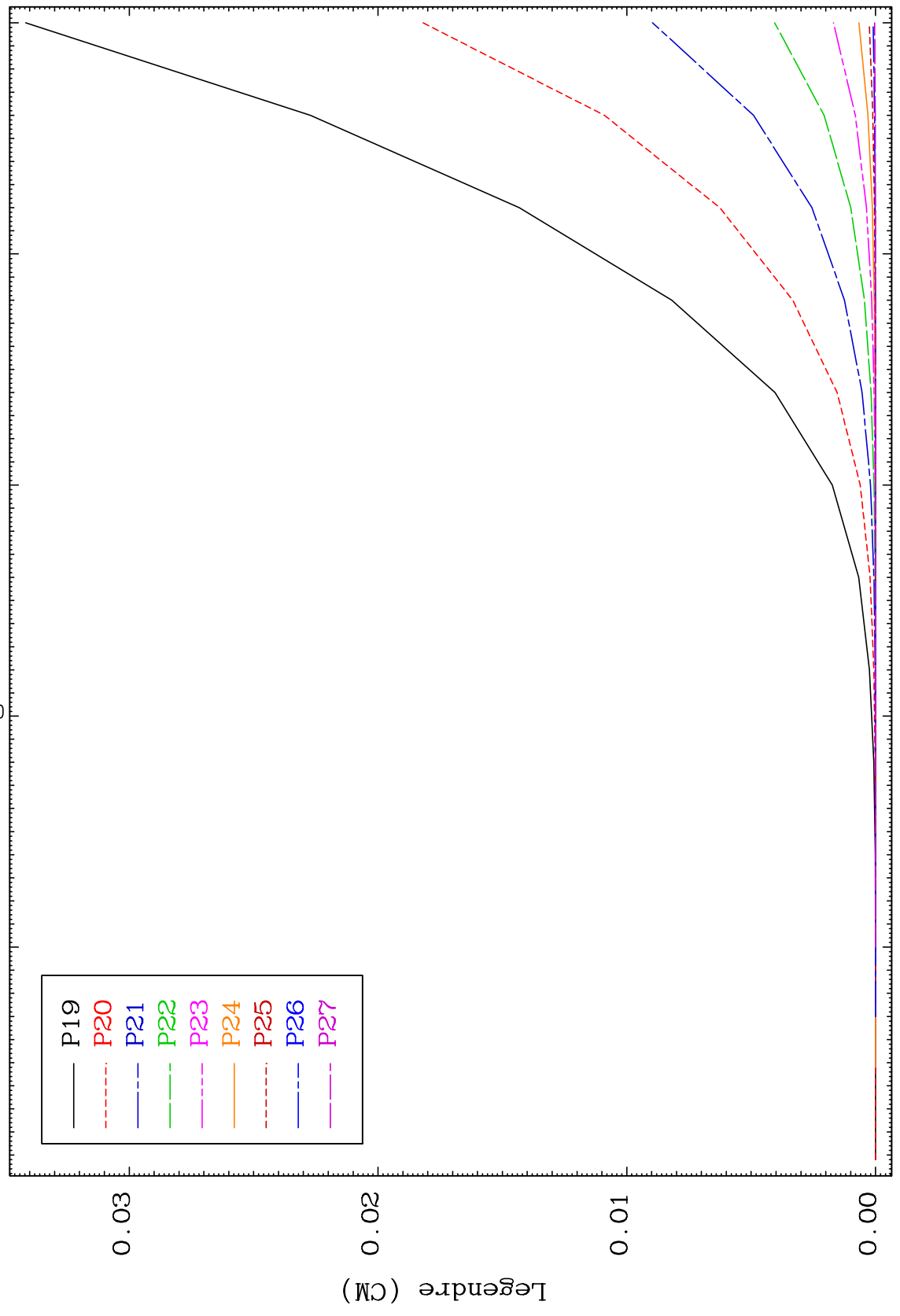




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Elastic Legendre Coefficients

84-Po-200



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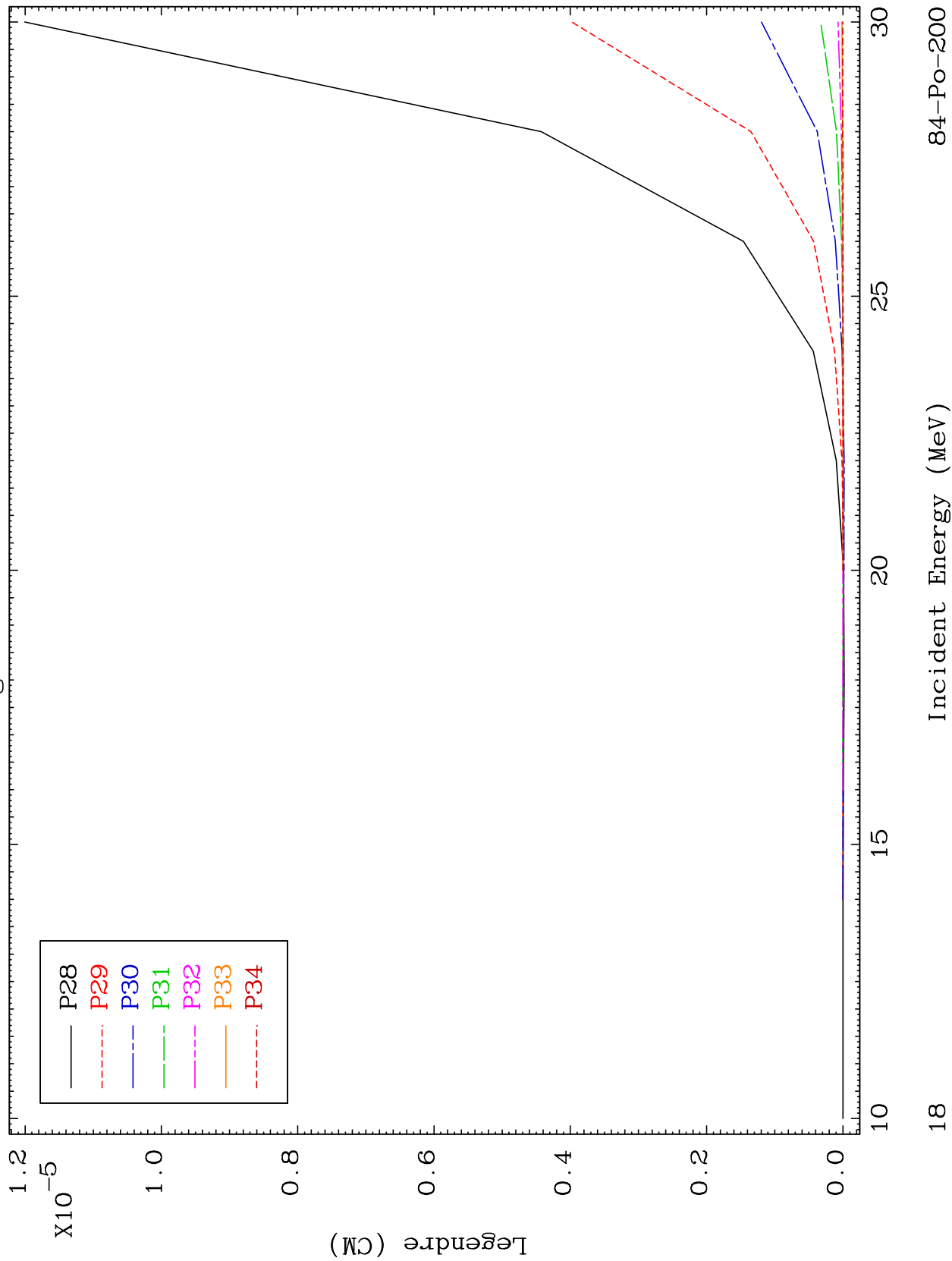
Incident Energy (MeV)

84-Po-200

MAT 8407

Elastic Legendre Coefficients

84-Po-200



18

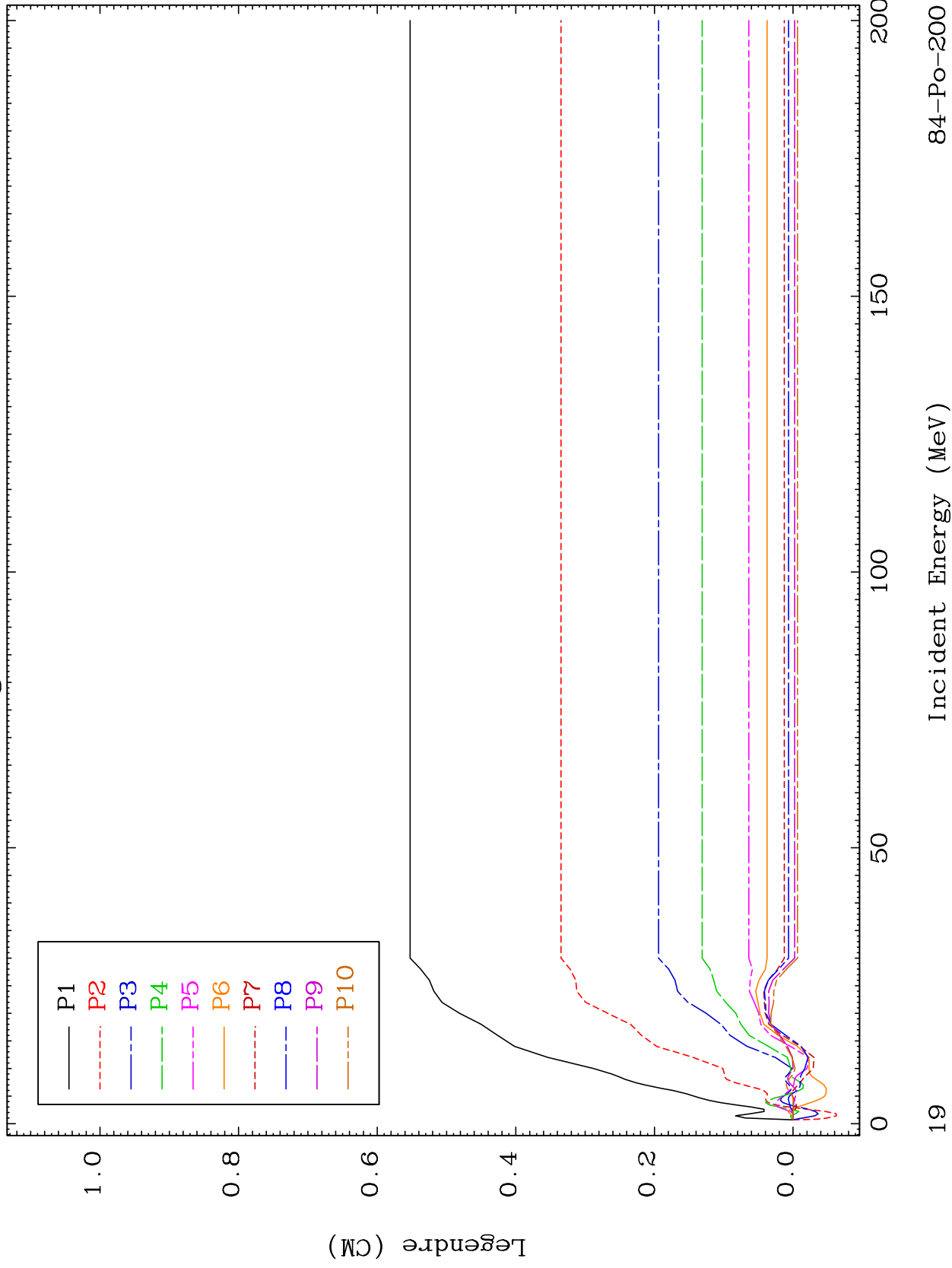
Incident Energy (MeV)

84-Po-200

MAT 8407

665.9 keV (n, n') Level  
Legendre Coefficients

84-Po-200



84-Po-200

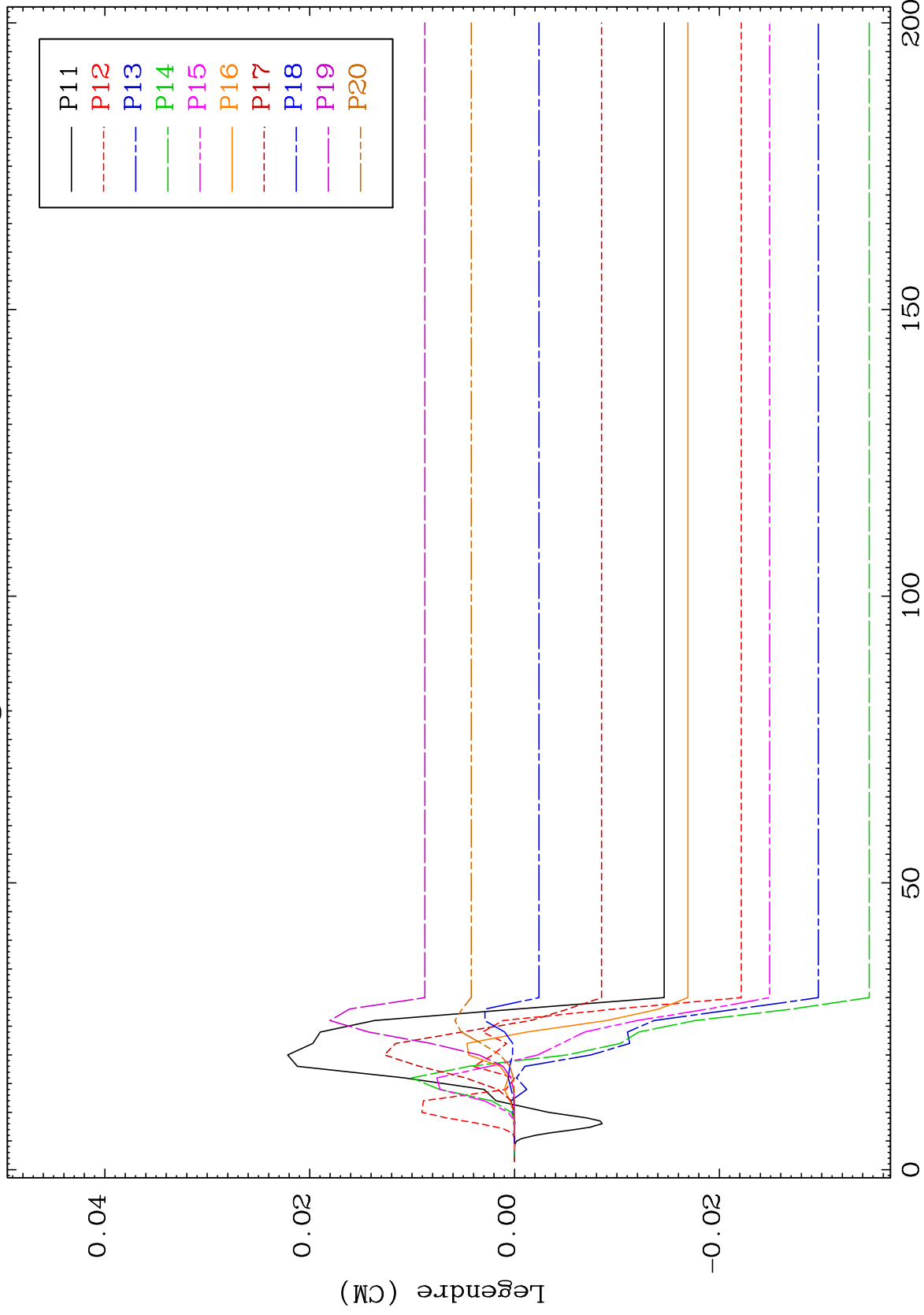
Incident Energy (MeV)

19

MAT 8407

665.9 keV (n,n') Level  
Legendre Coefficients

84-Po-200



84-Po-200

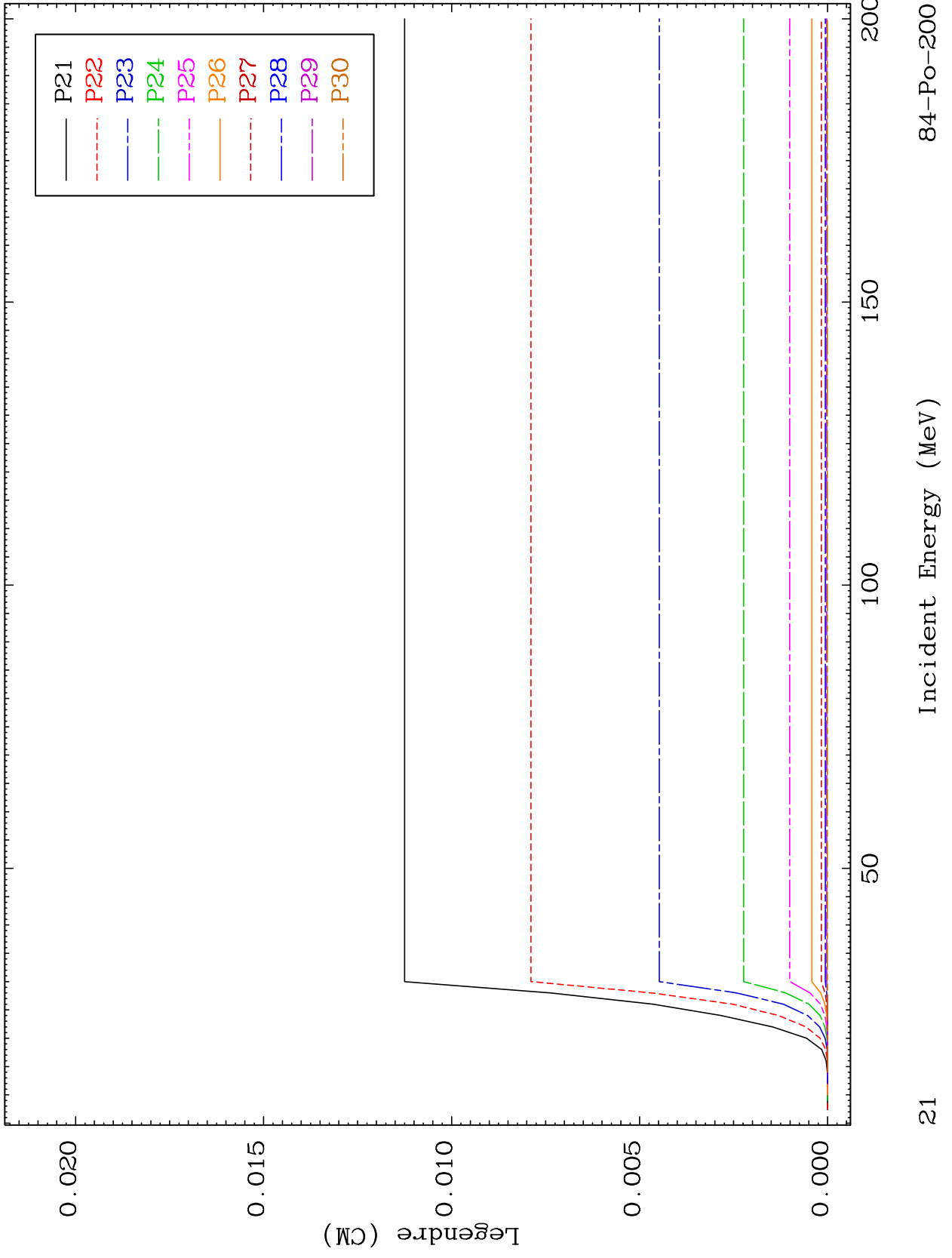
Incident Energy (MeV)

20

MAT 8407

665.9 keV (n,n') Level  
Legendre Coefficients

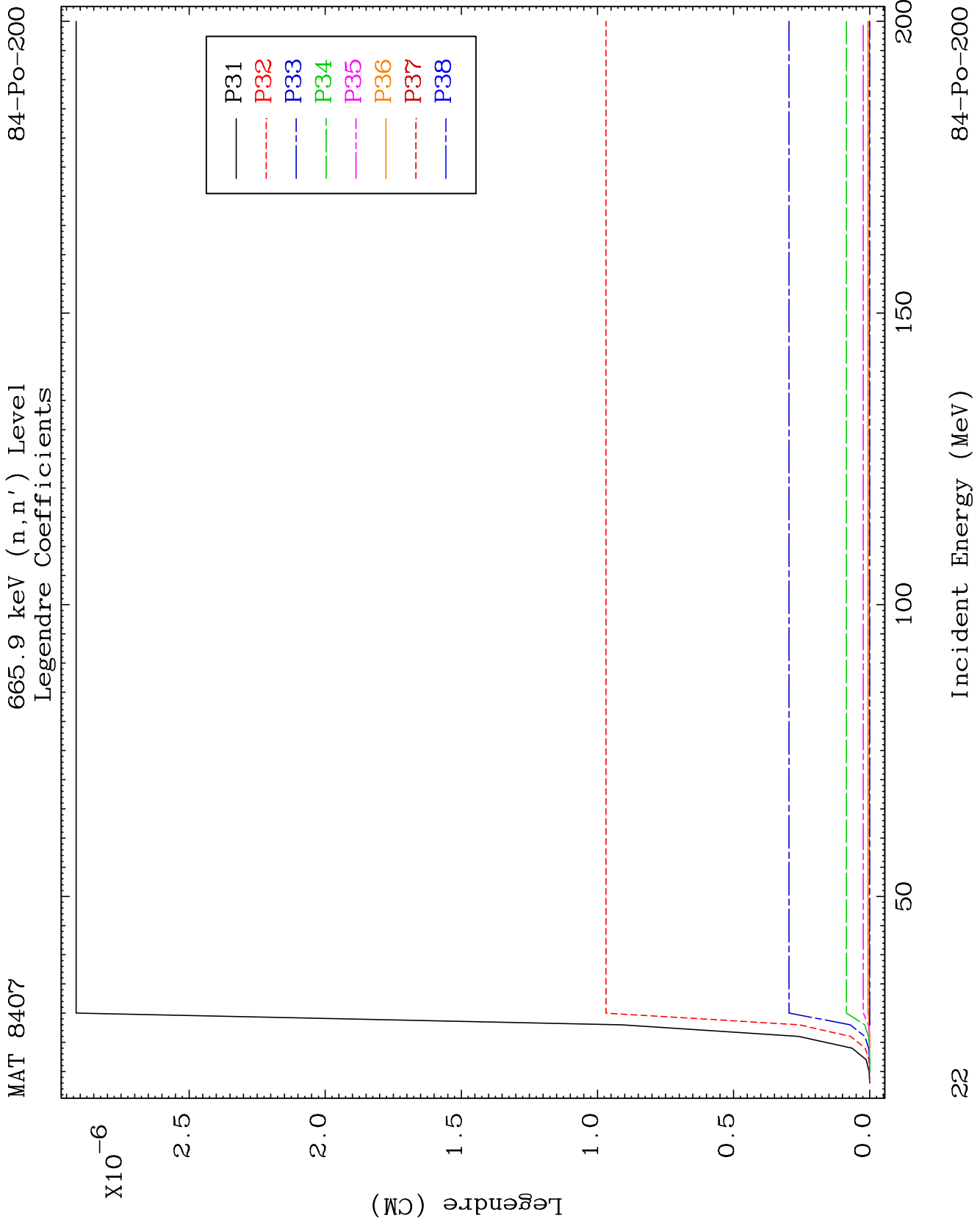
84-Po-200



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Incident Energy (MeV)

84-Po-200



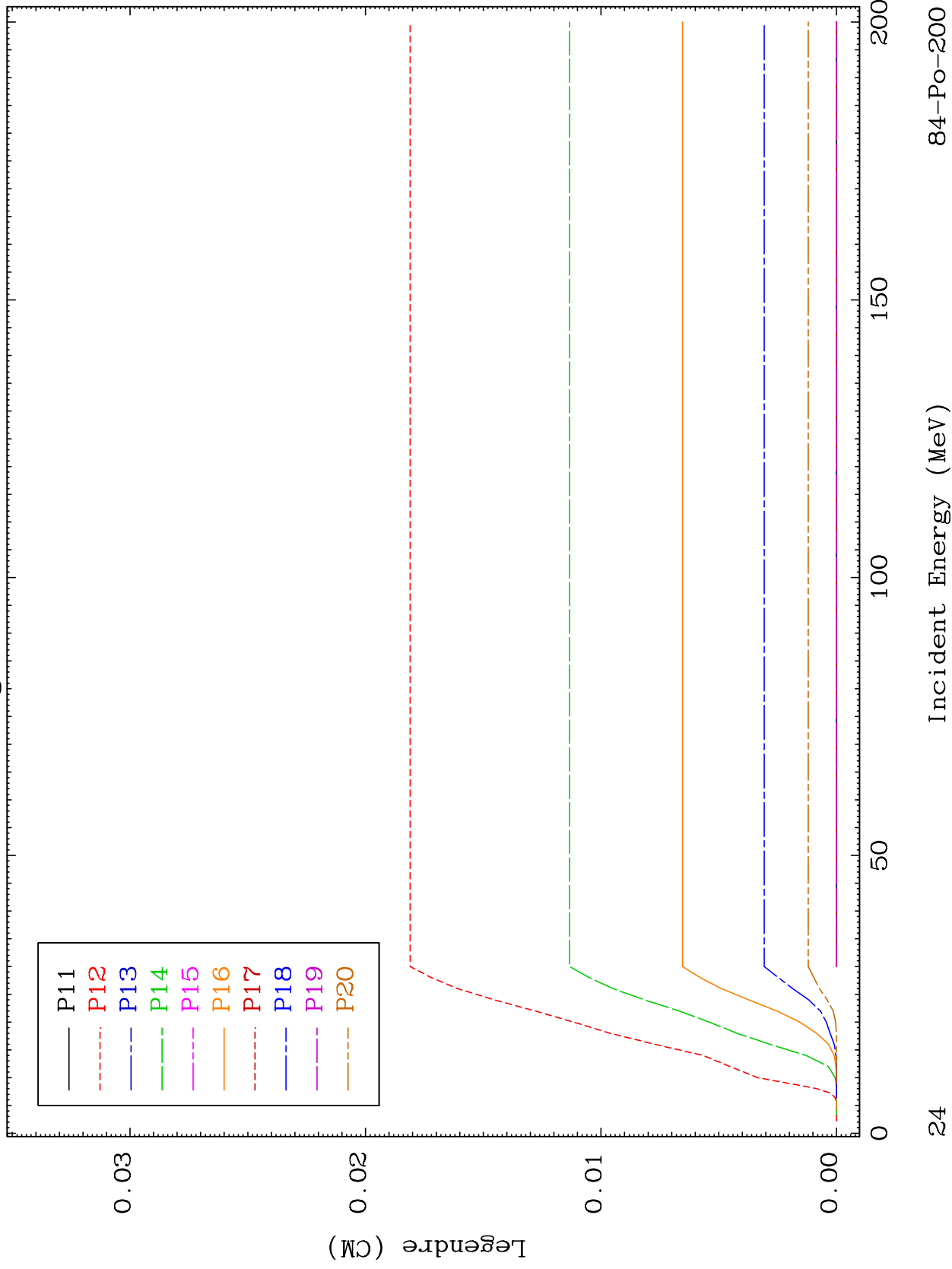




MAT 8407

1.136 MeV (n, n') Level  
Legendre Coefficients

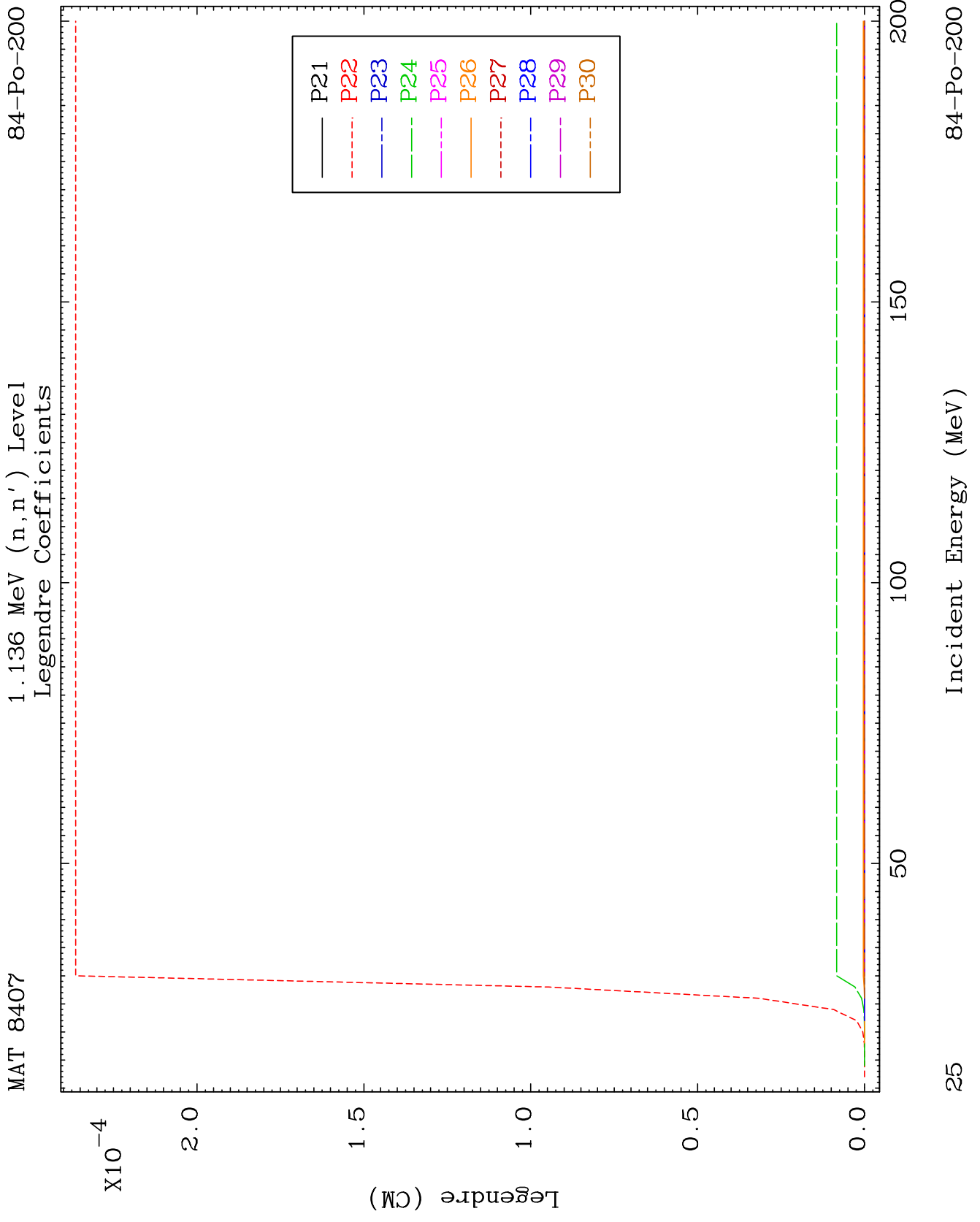
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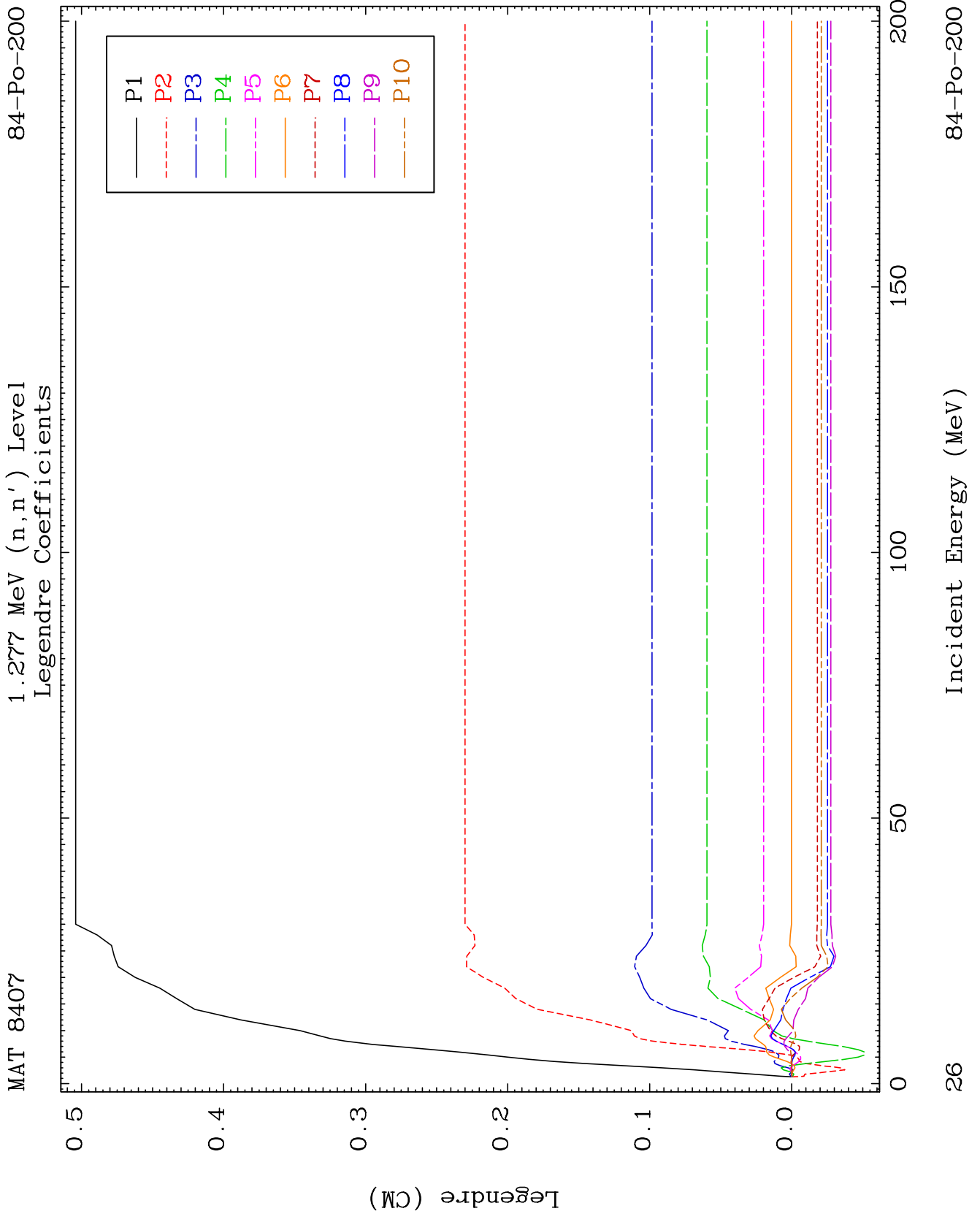


24

Incident Energy (MeV)

84-Po-200

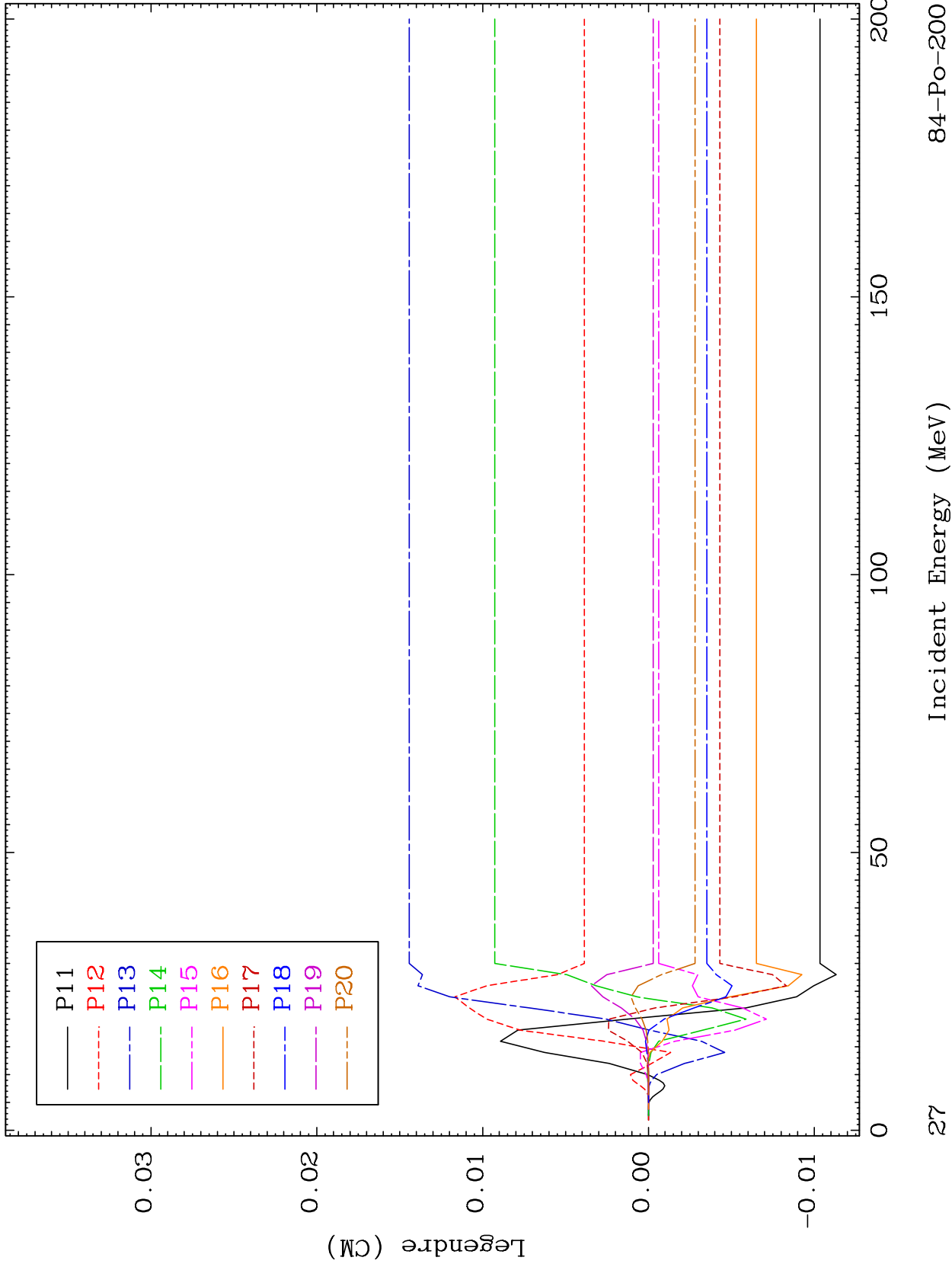




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1.277 MeV (n, n') Level  
Legendre Coefficients

84-Po-200



27

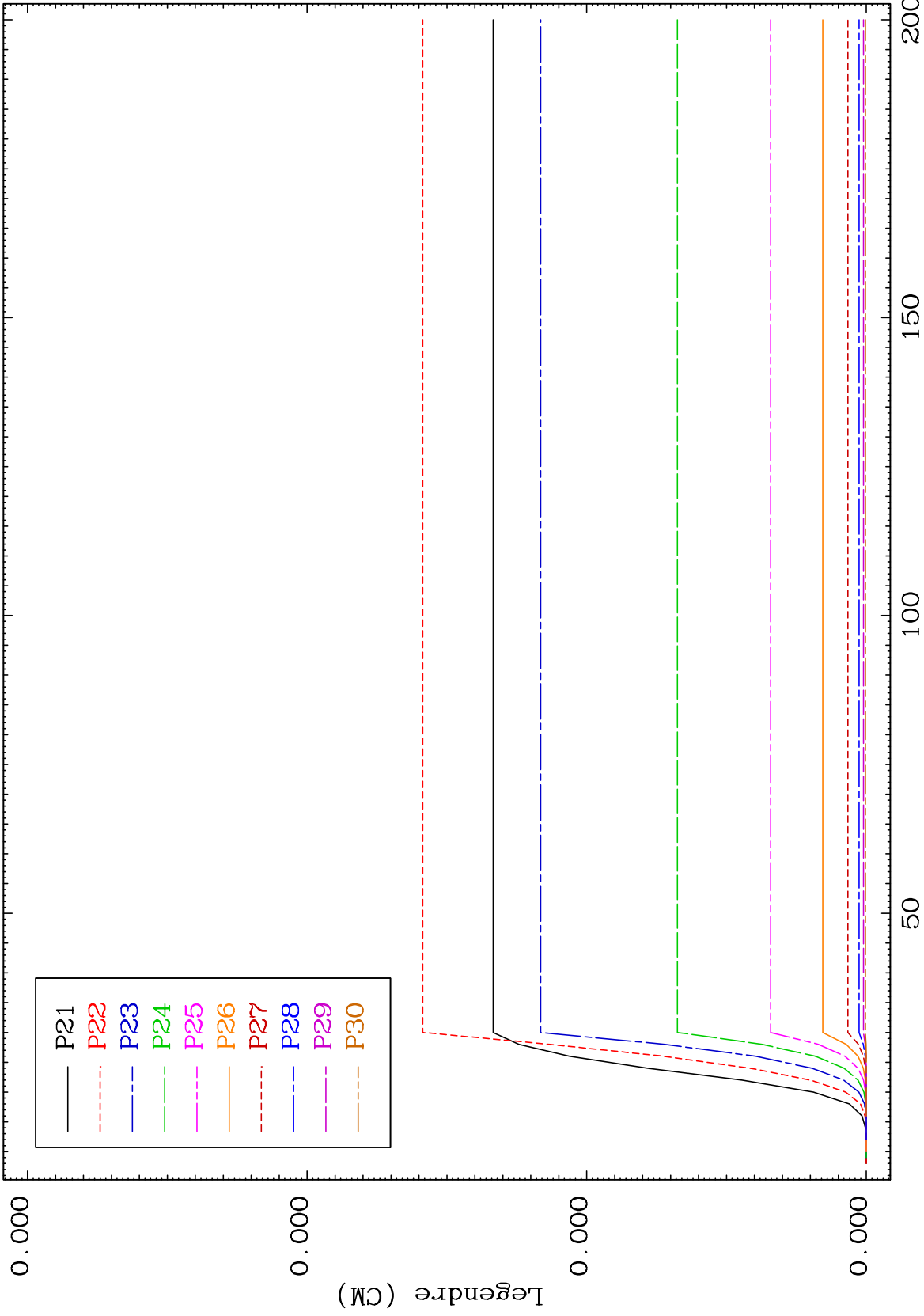
Incident Energy (MeV)

84-Po-200

MAT 8407

1.277 MeV (n,n') Level  
Legendre Coefficients

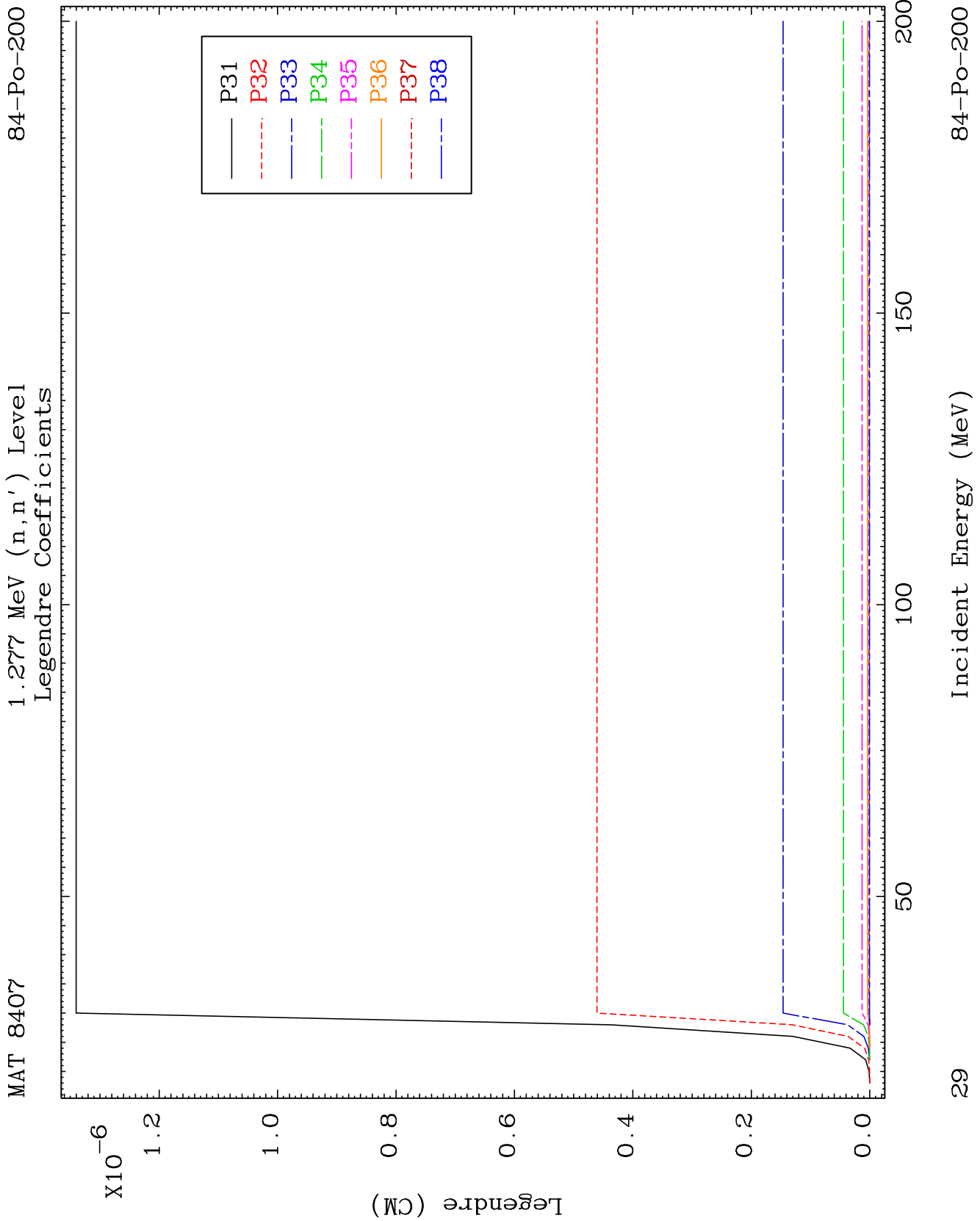
84-Po-200



28

Incident Energy (MeV)

84-Po-200

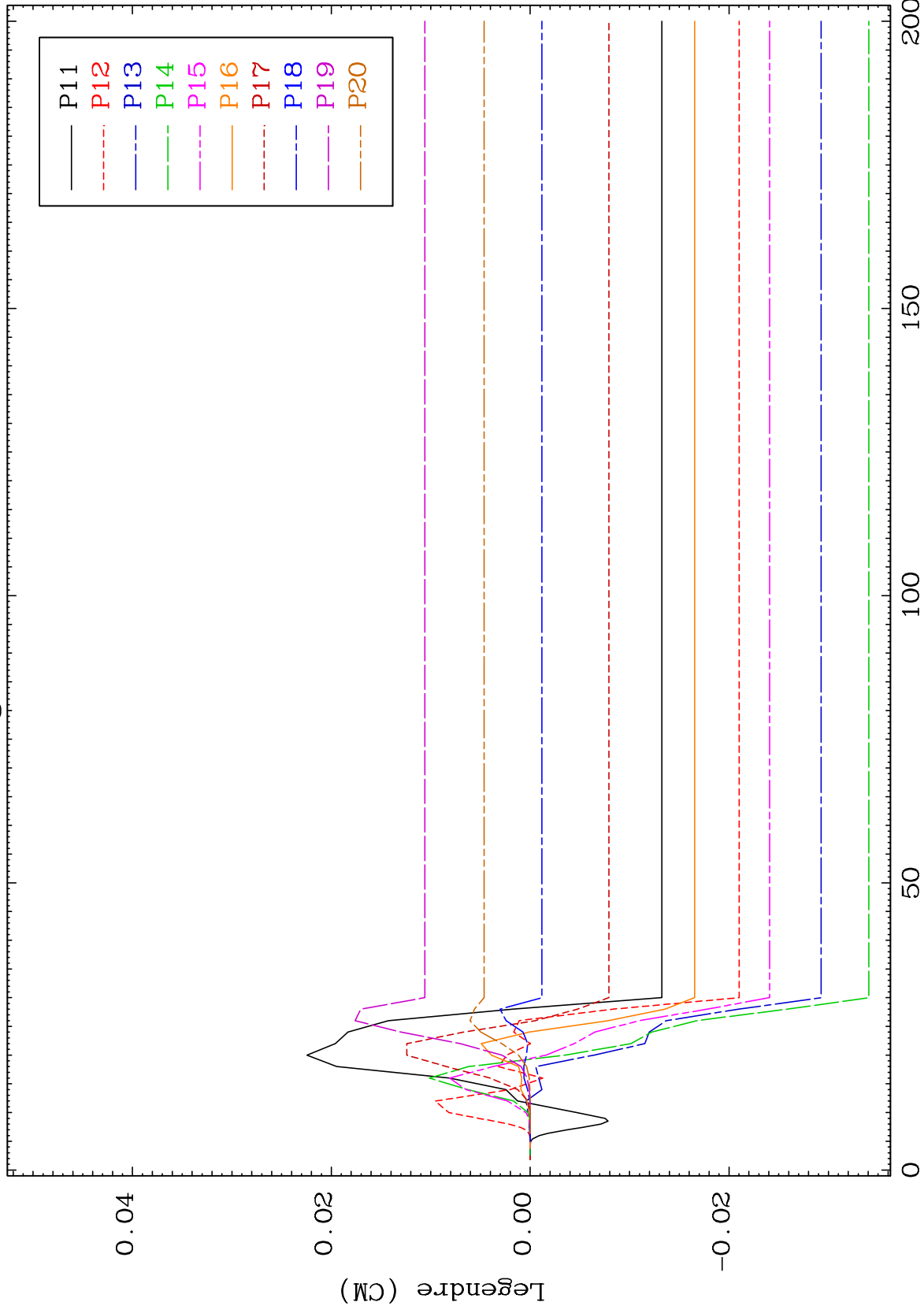




MAT 8407

1.392 MeV (n,n') Level  
Legendre Coefficients

84-Po-200

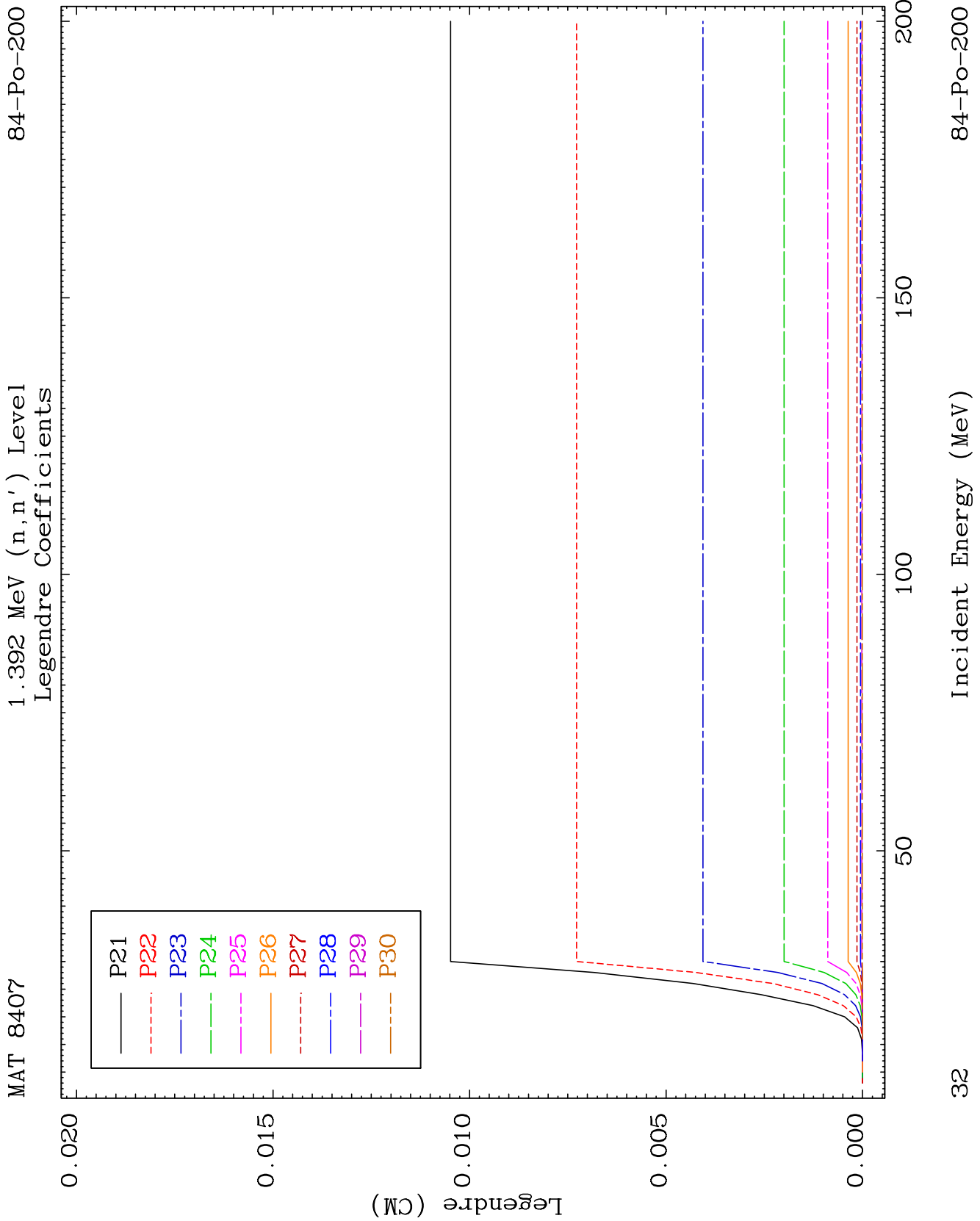


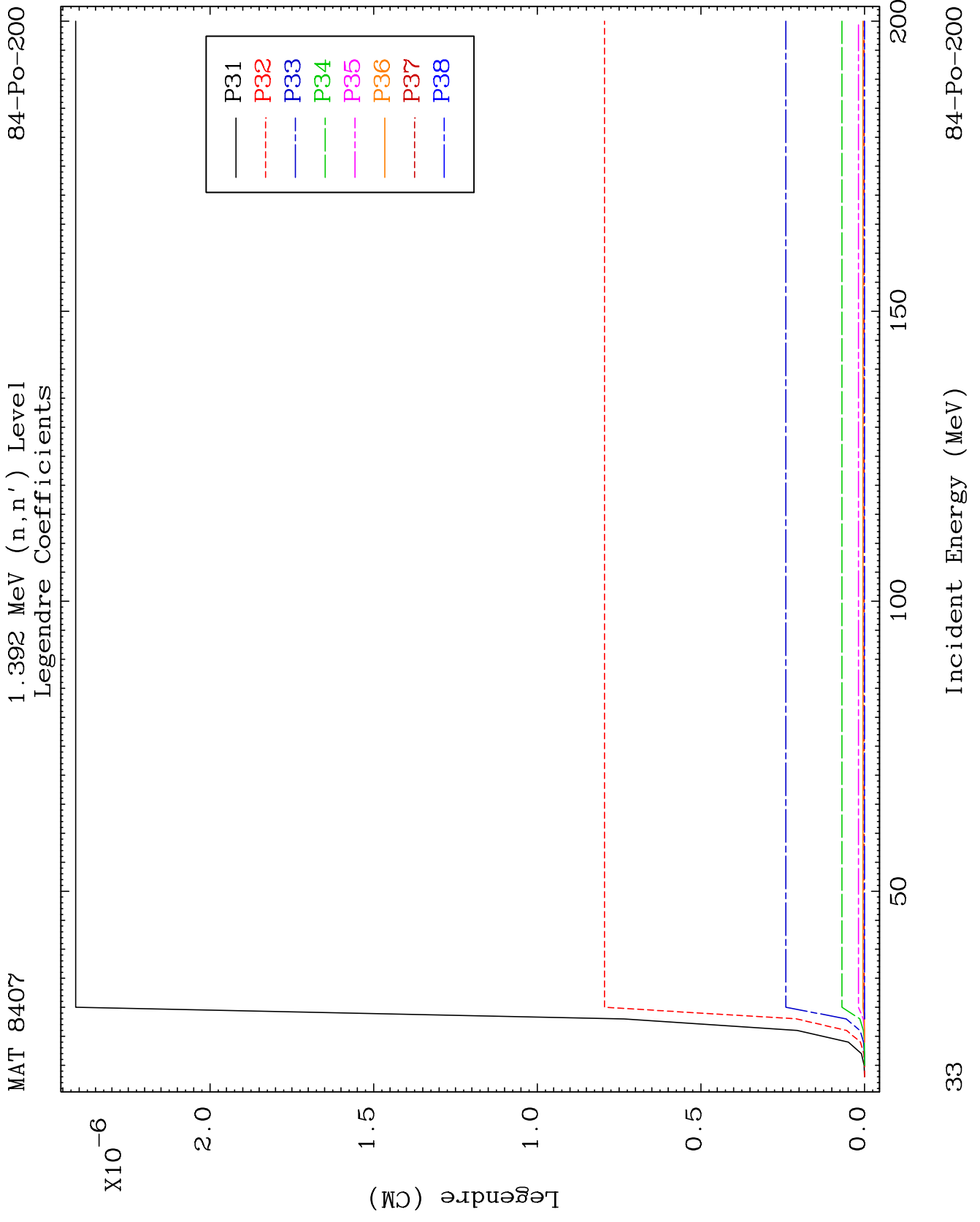
31

Incident Energy (MeV)

84-Po-200



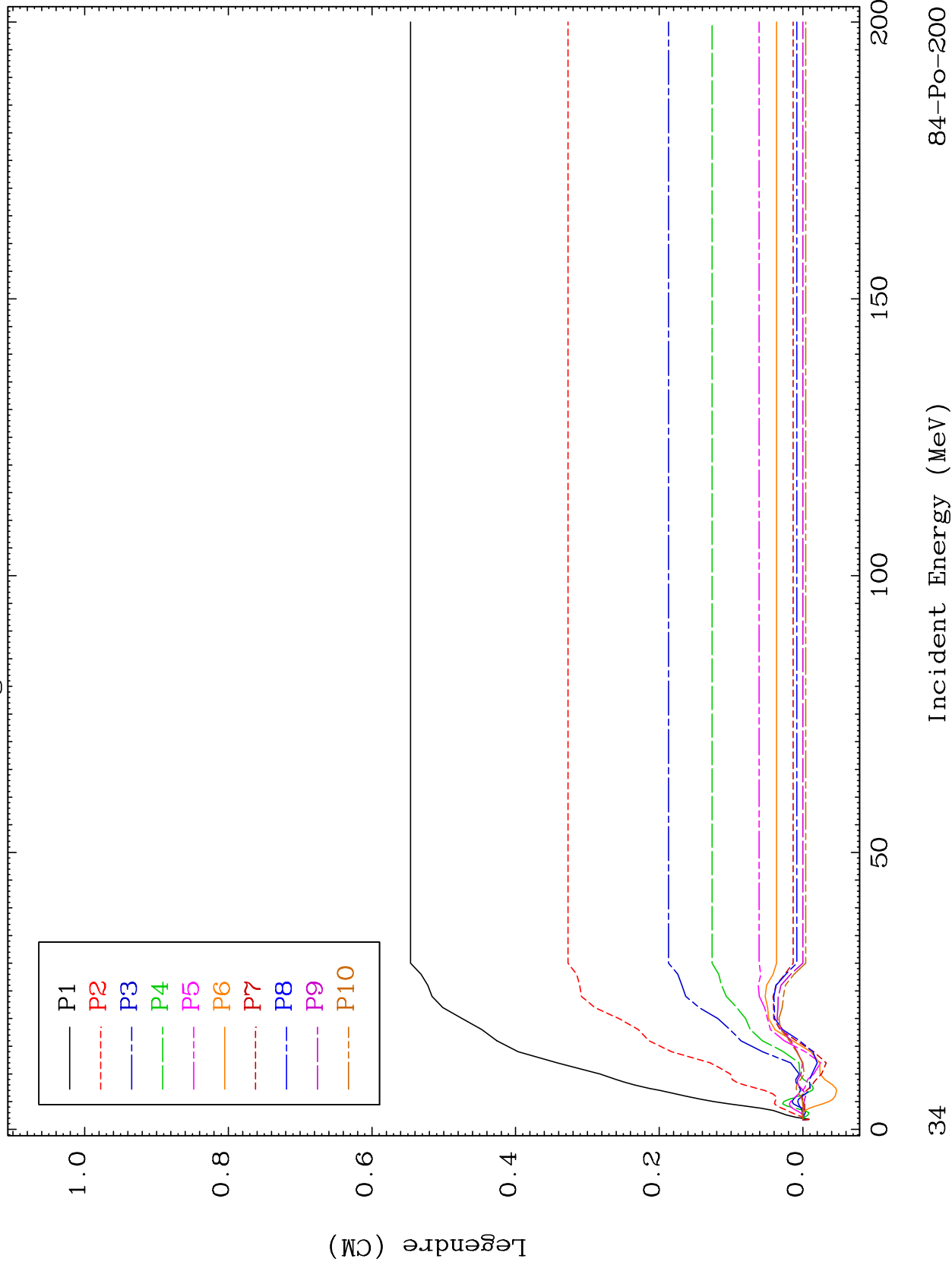




MAT 8407

1.652 MeV (n,n') Level  
Legendre Coefficients

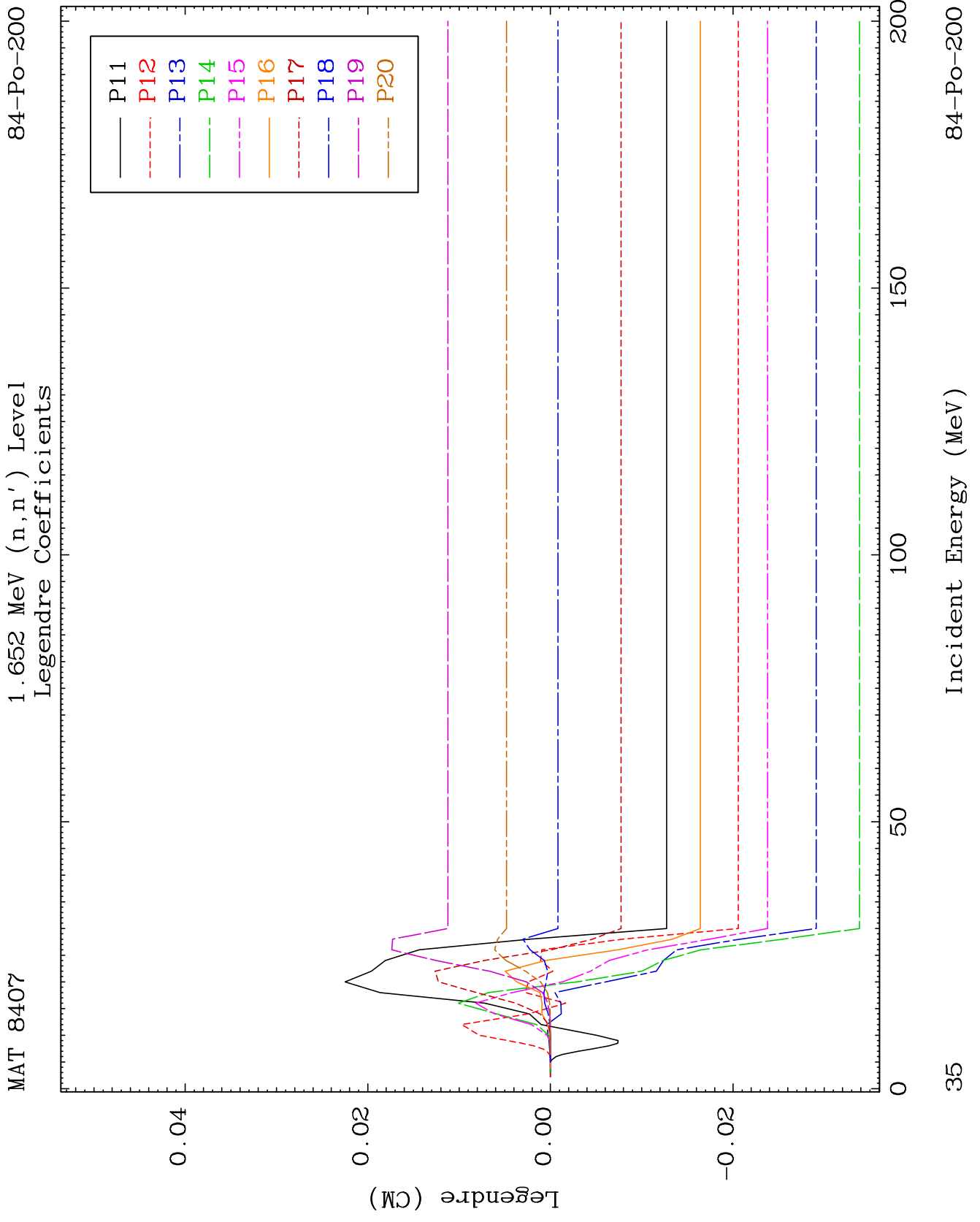
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34

Incident Energy (MeV)

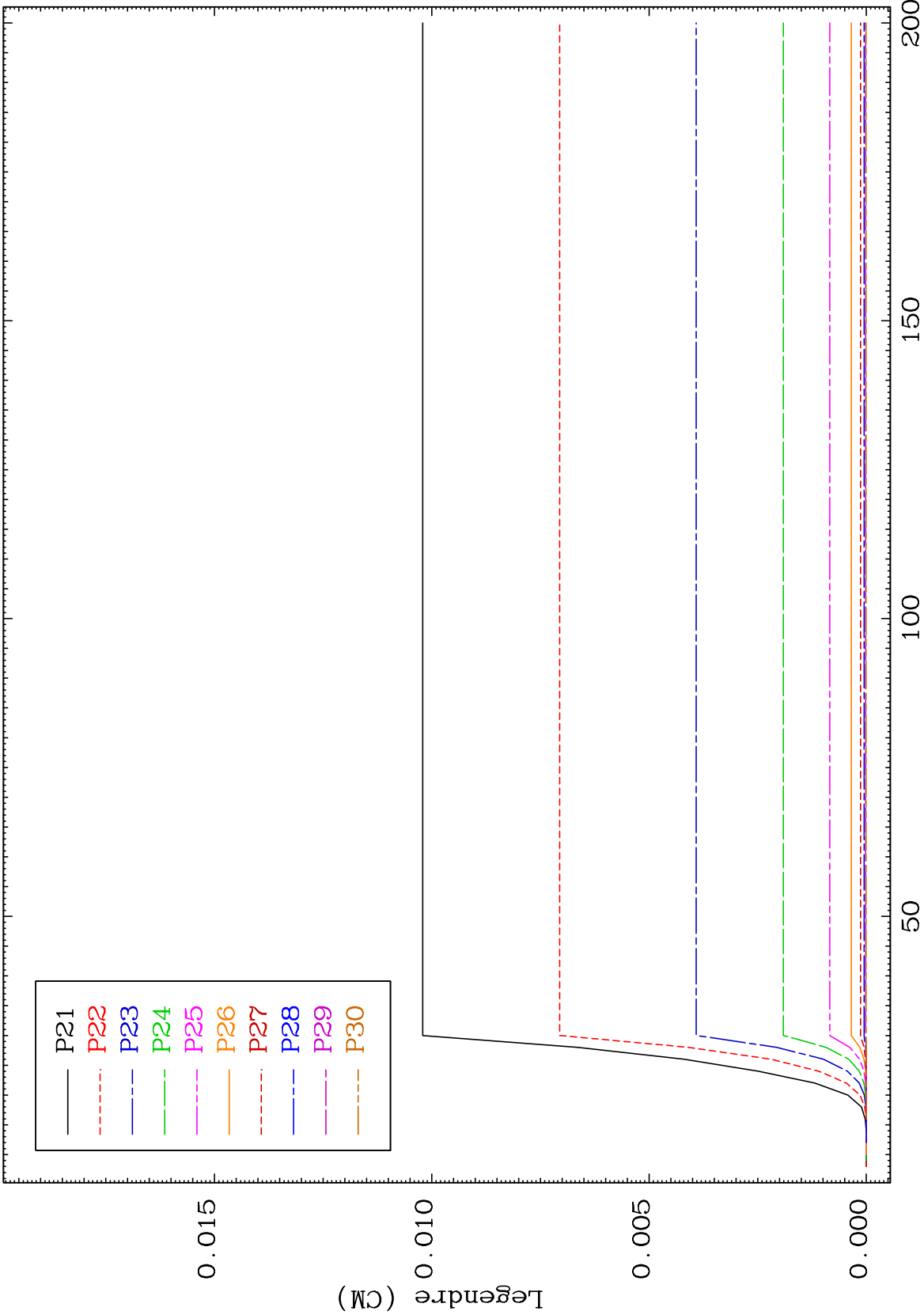
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MAT 8407

1.652 MeV (n,n') Level  
Legendre Coefficients

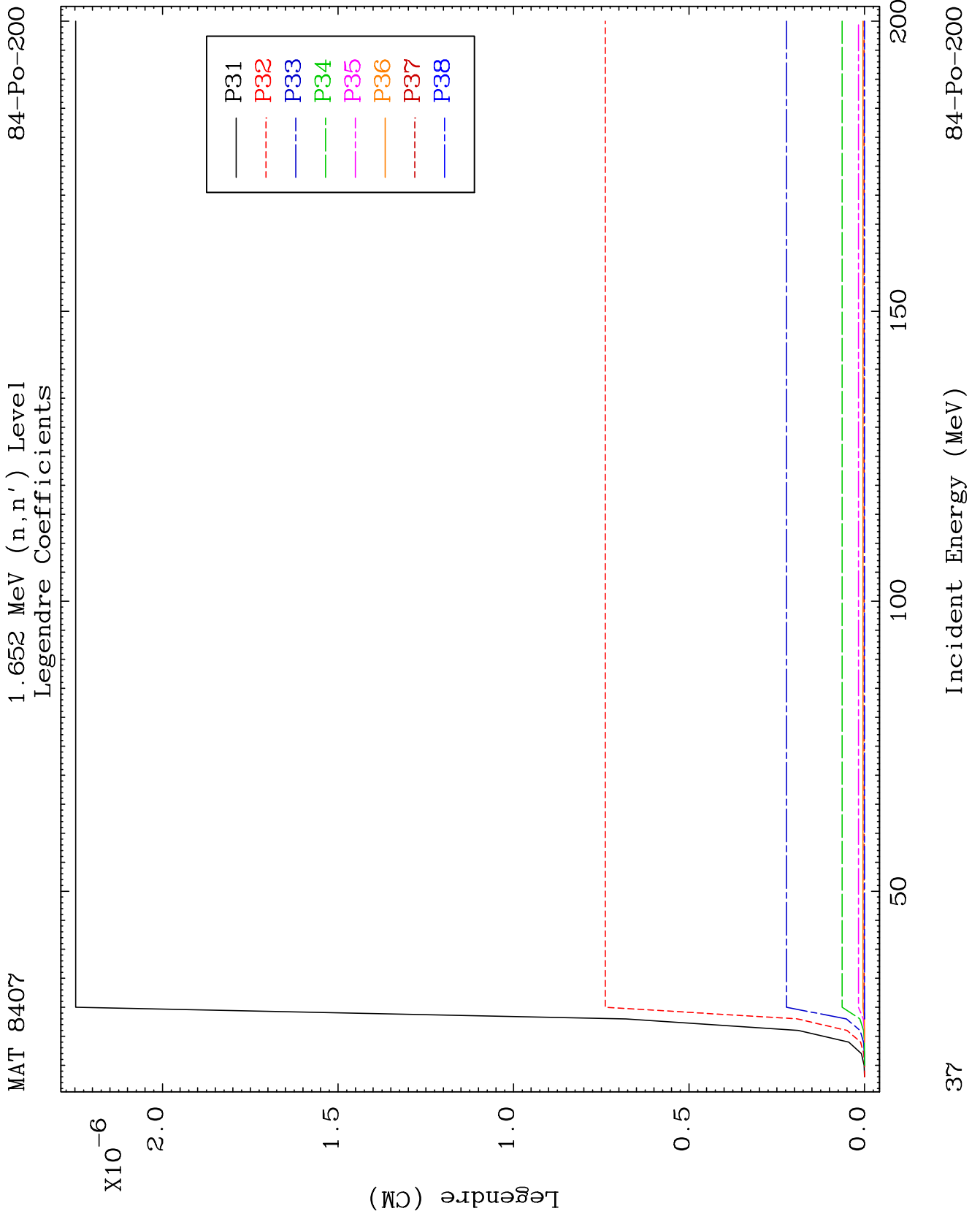
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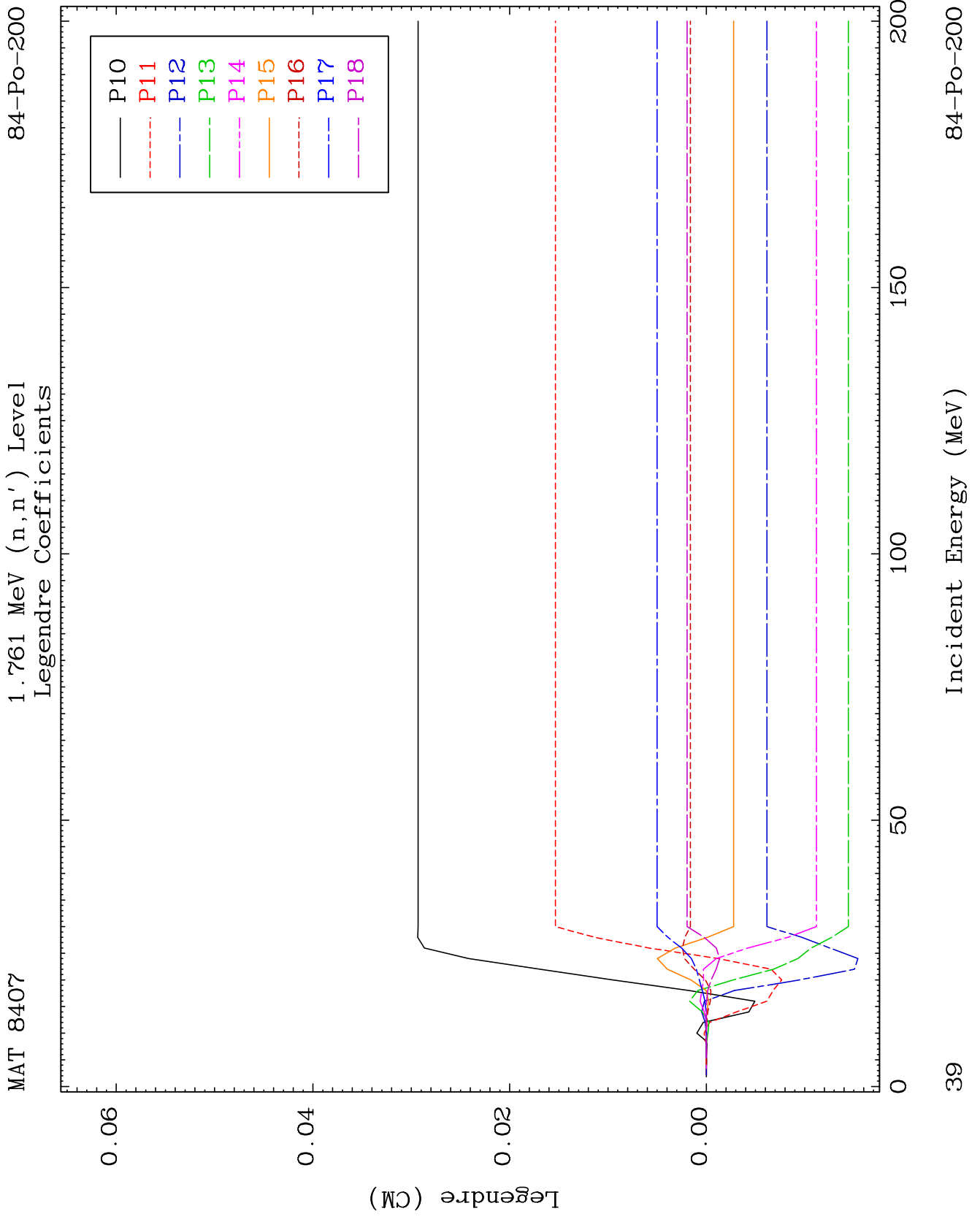
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Incident Energy (MeV)

84-Po-200







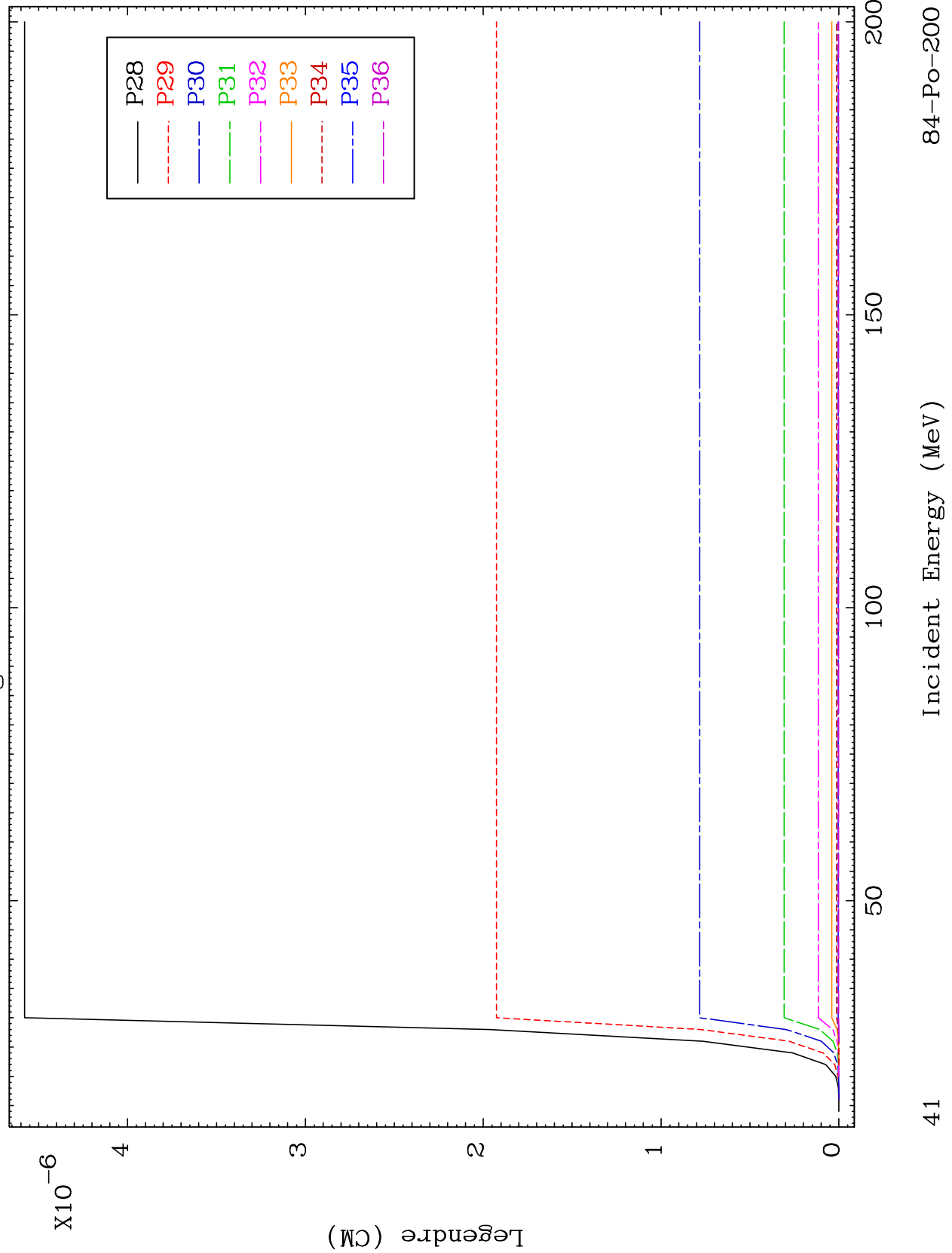




MAT 8407

1.761 MeV (n,n') Level Legendre Coefficients

84-Po-200



41

Incident Energy (MeV)

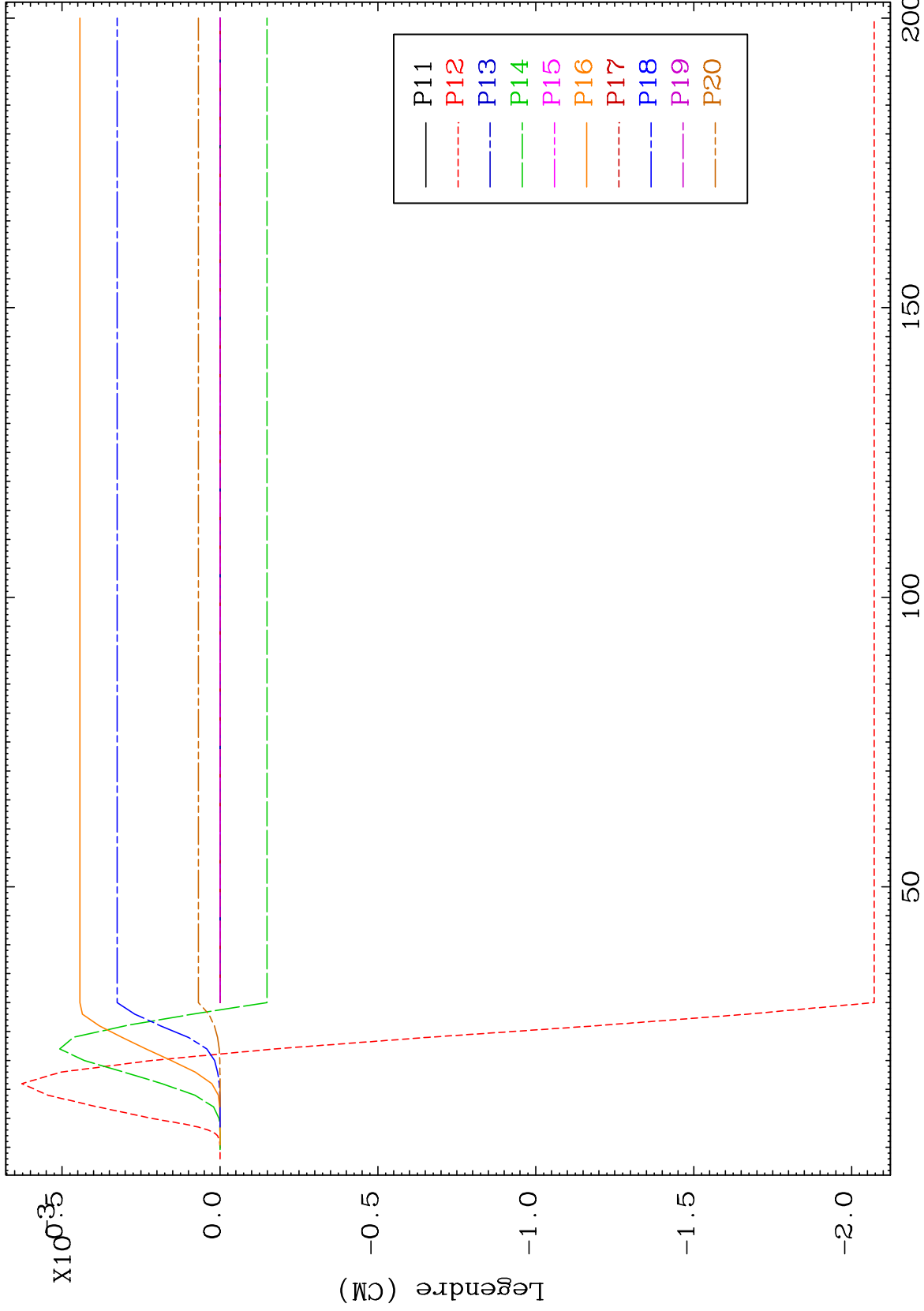
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MAT 8407

1.773 MeV (n,n') Level  
Legendre Coefficients

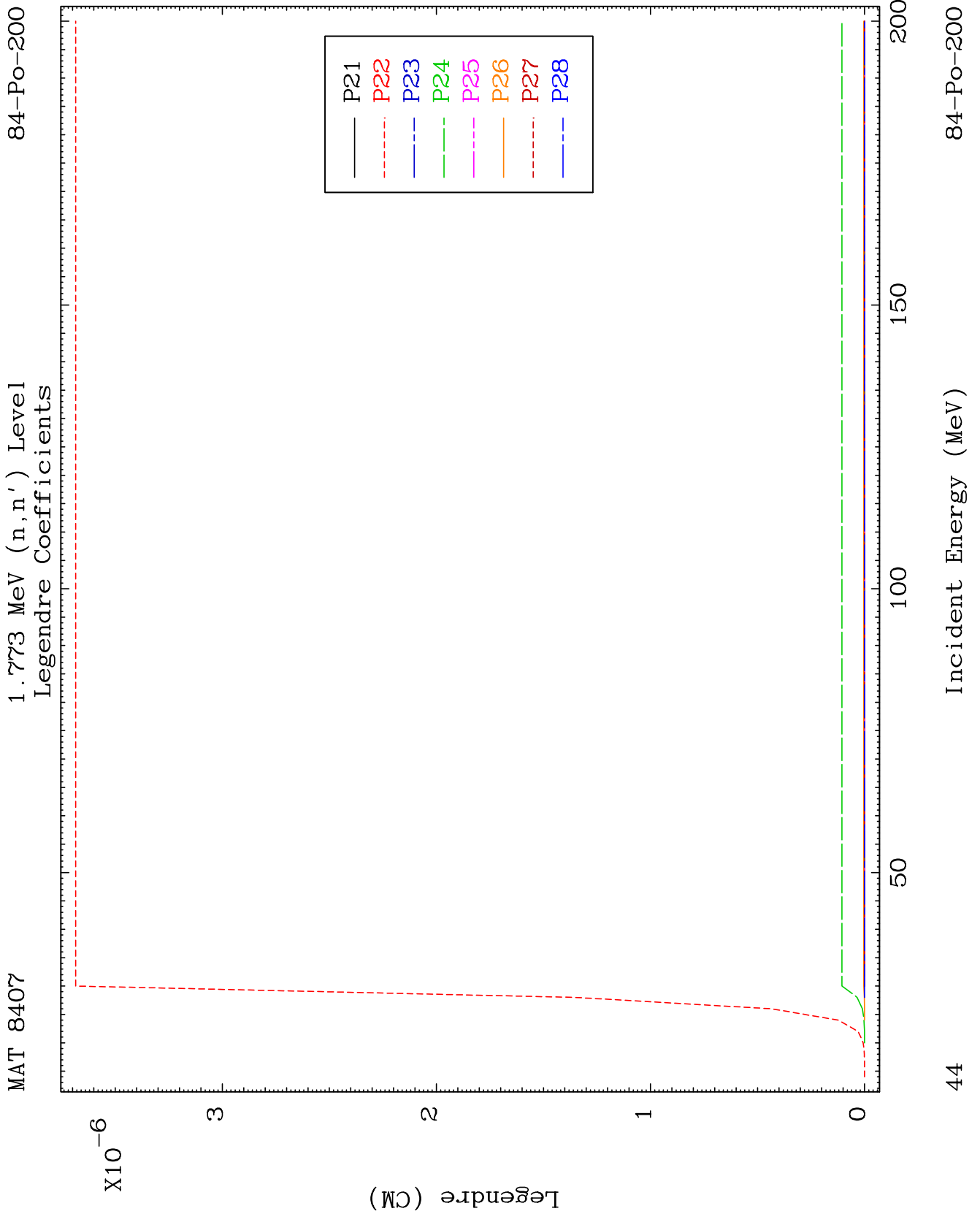
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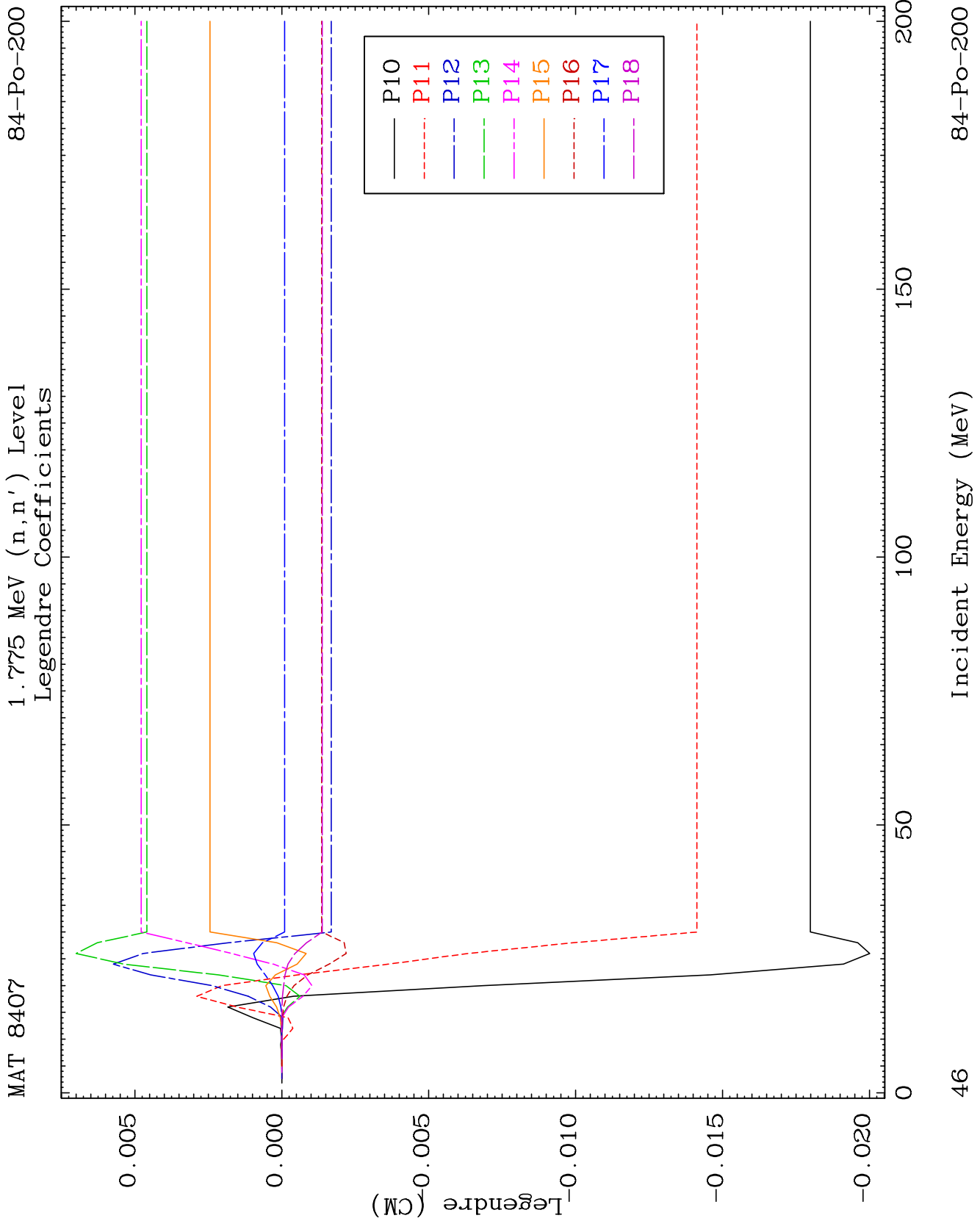
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Incident Energy (MeV)

84-Po-200



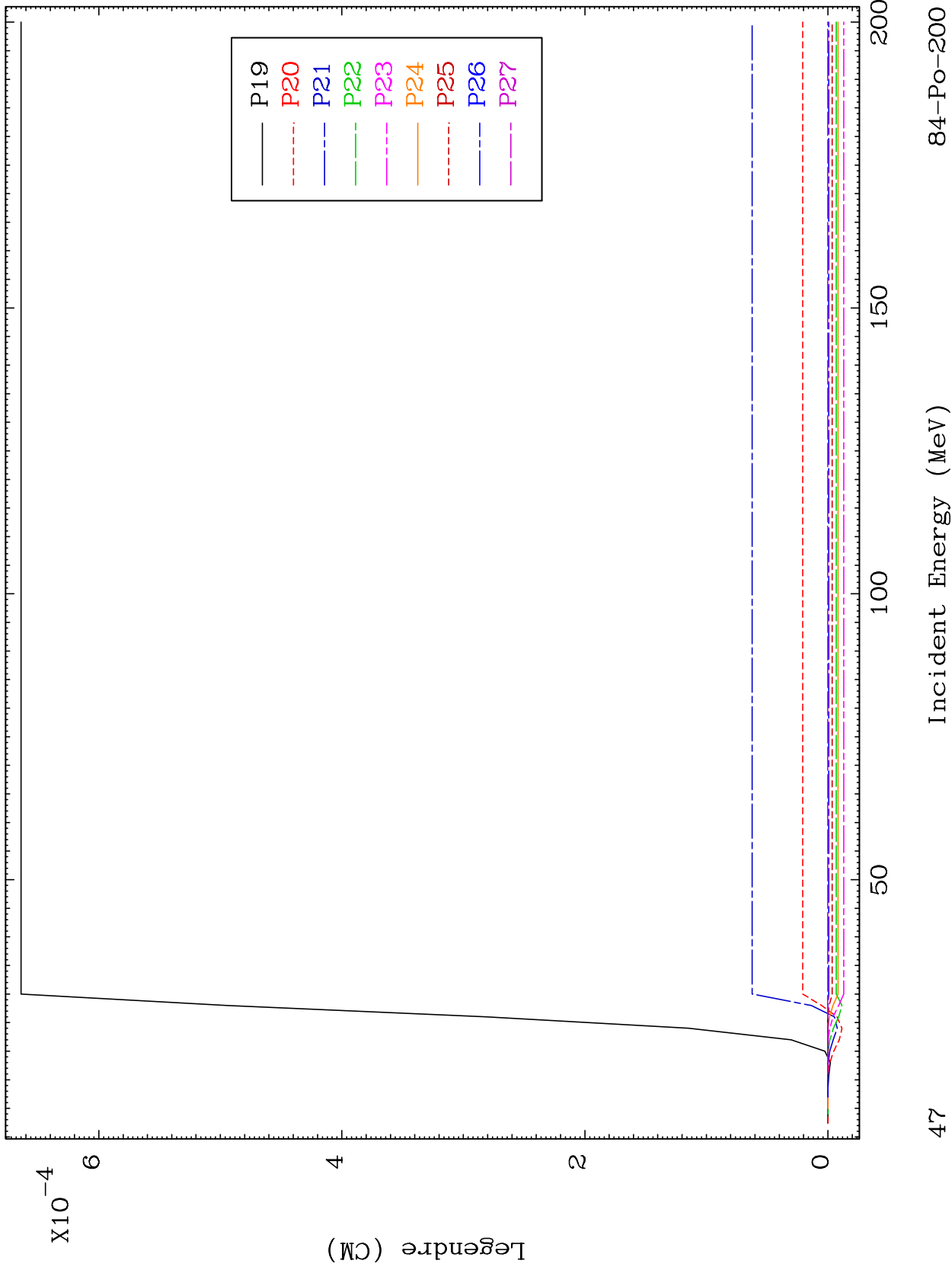




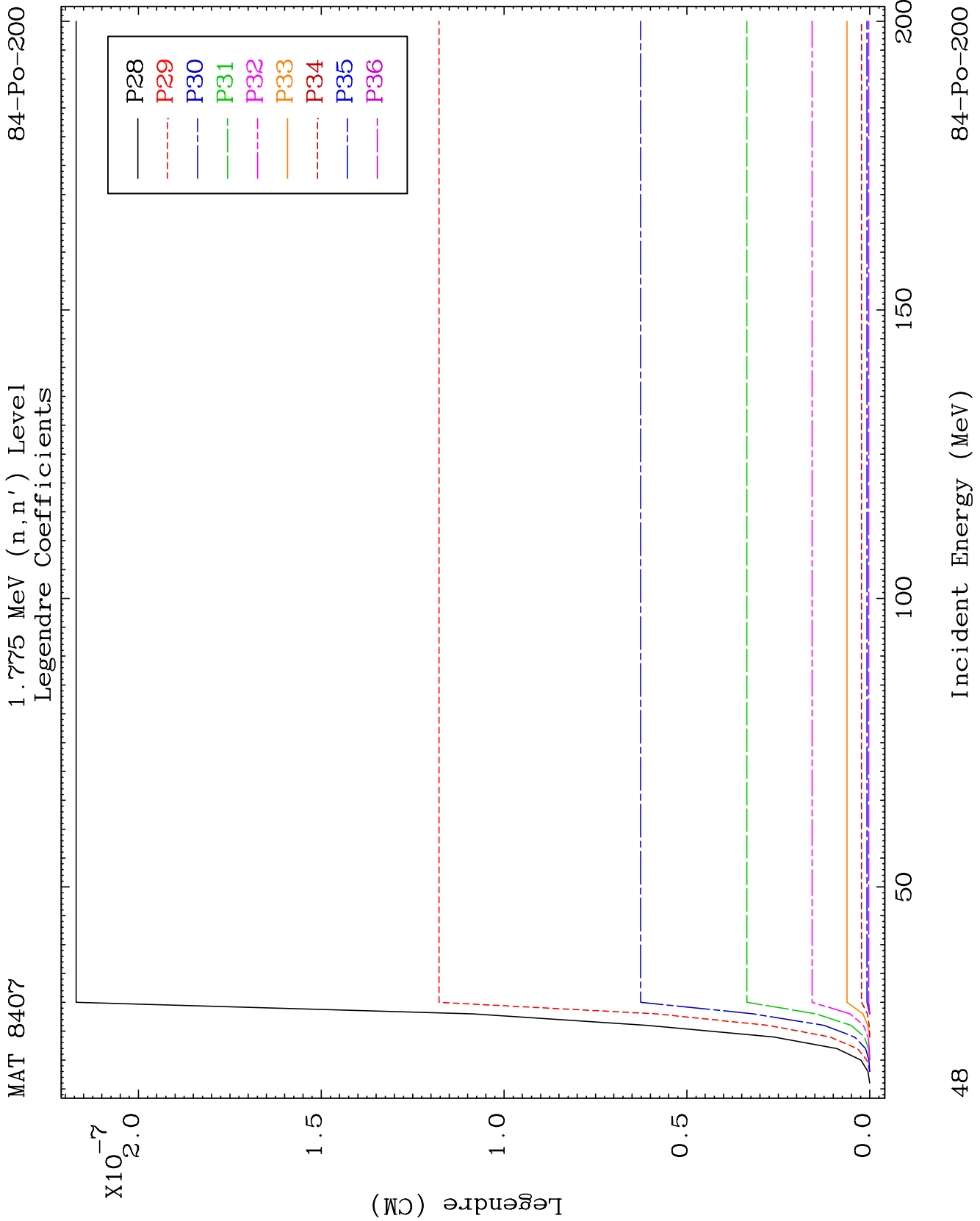
MAT 8407

1.775 MeV (n,n') Level  
Legendre Coefficients

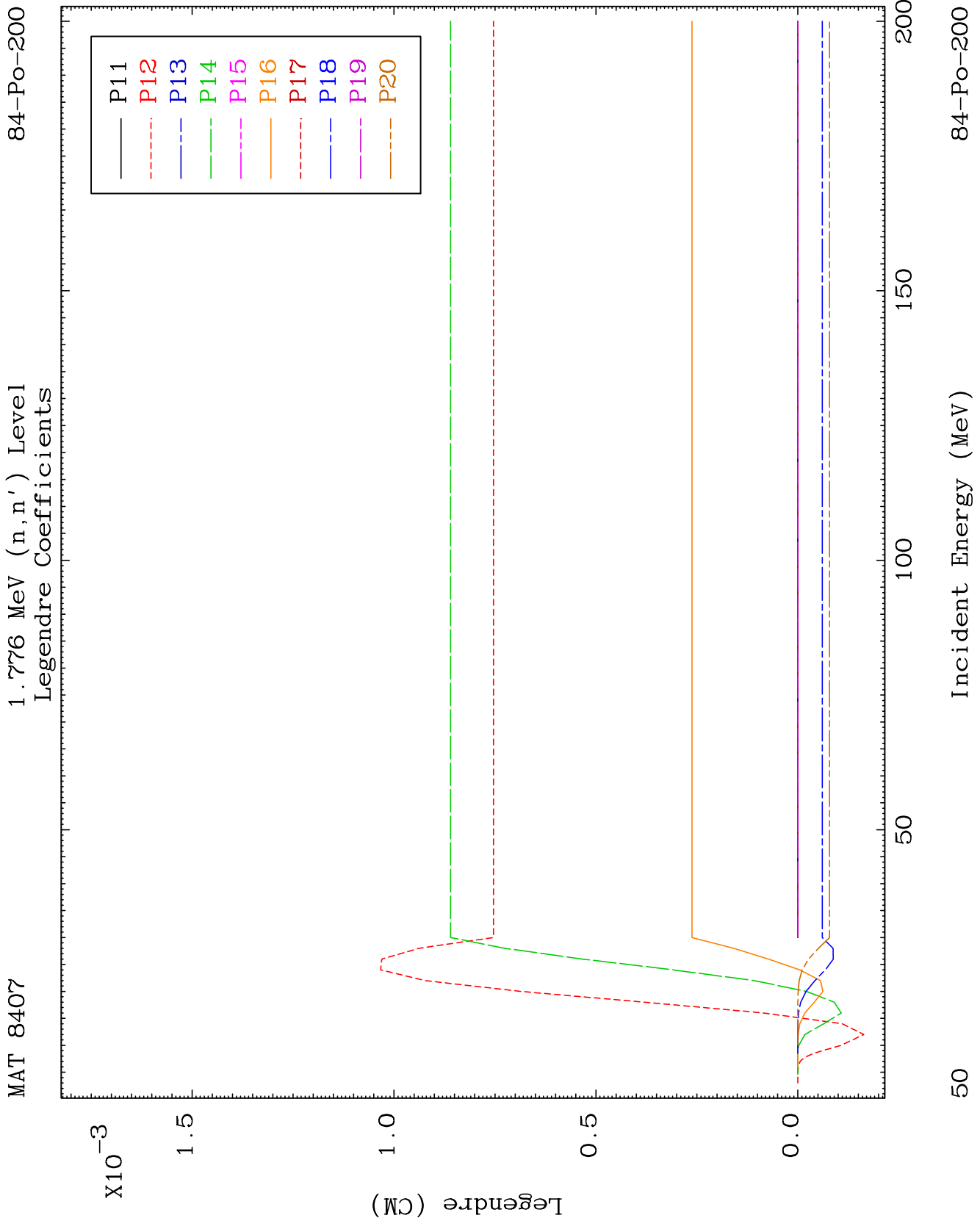
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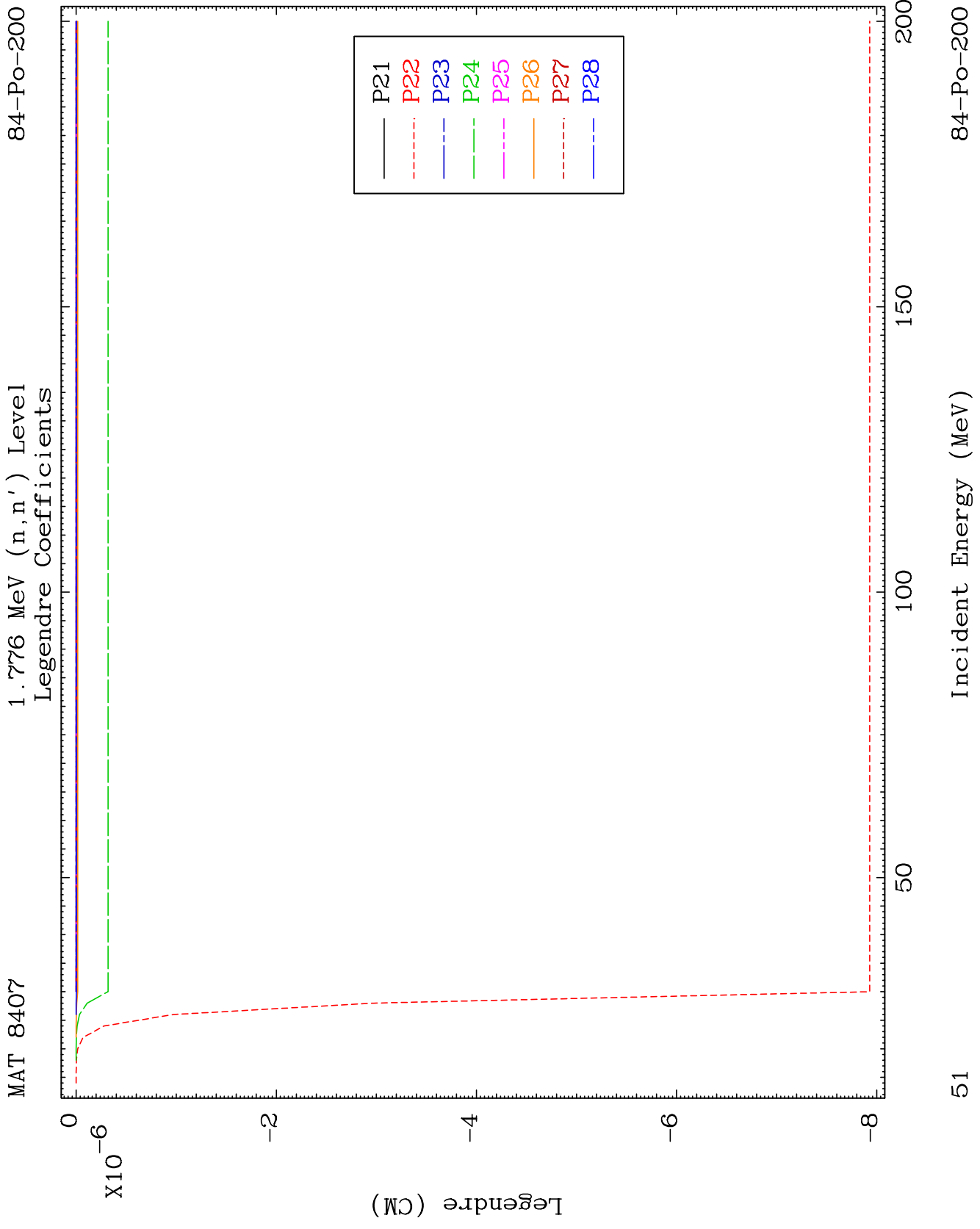


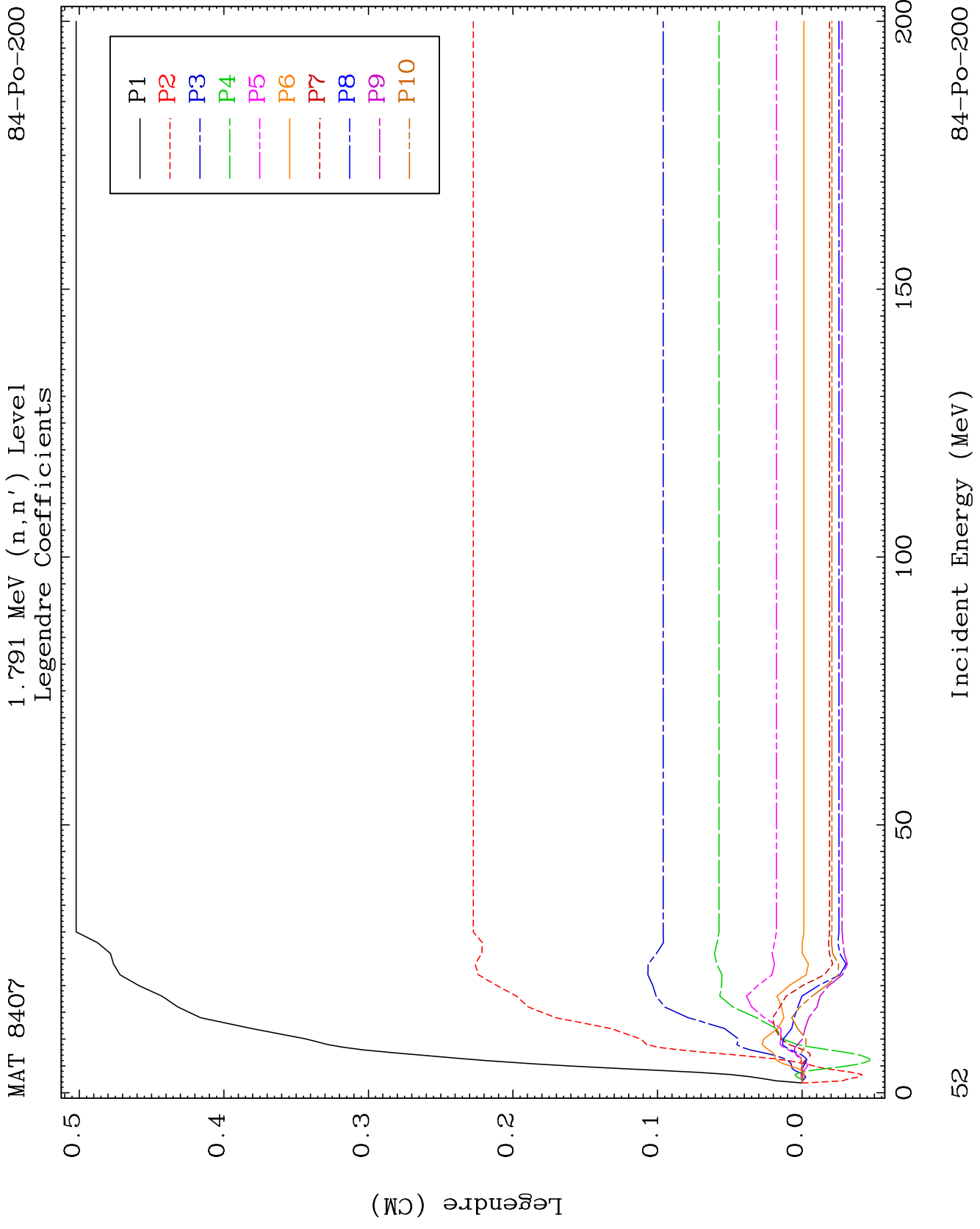








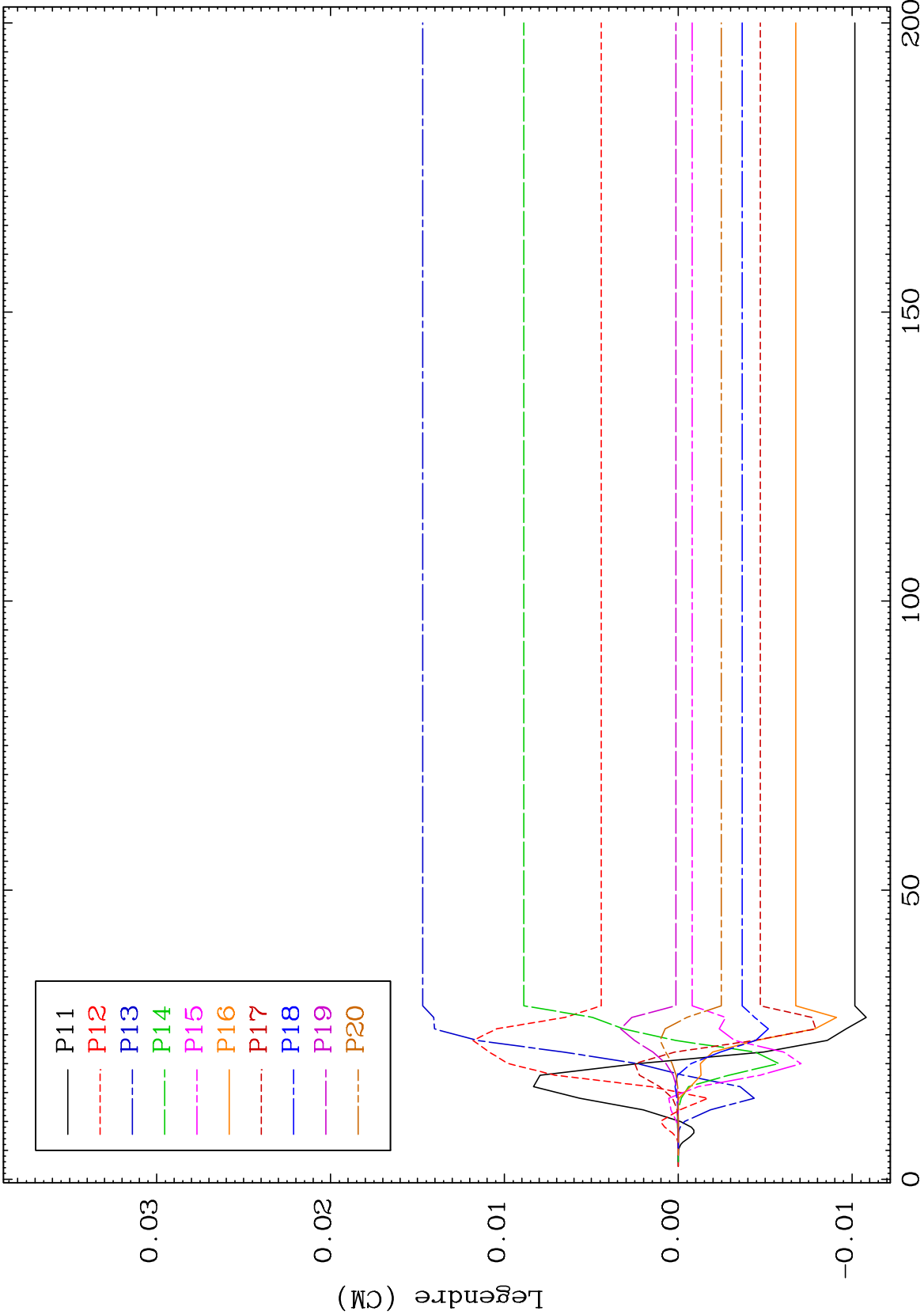




MAT 8407

1.791 MeV (n,n') Level  
Legendre Coefficients

84-Po-200



53

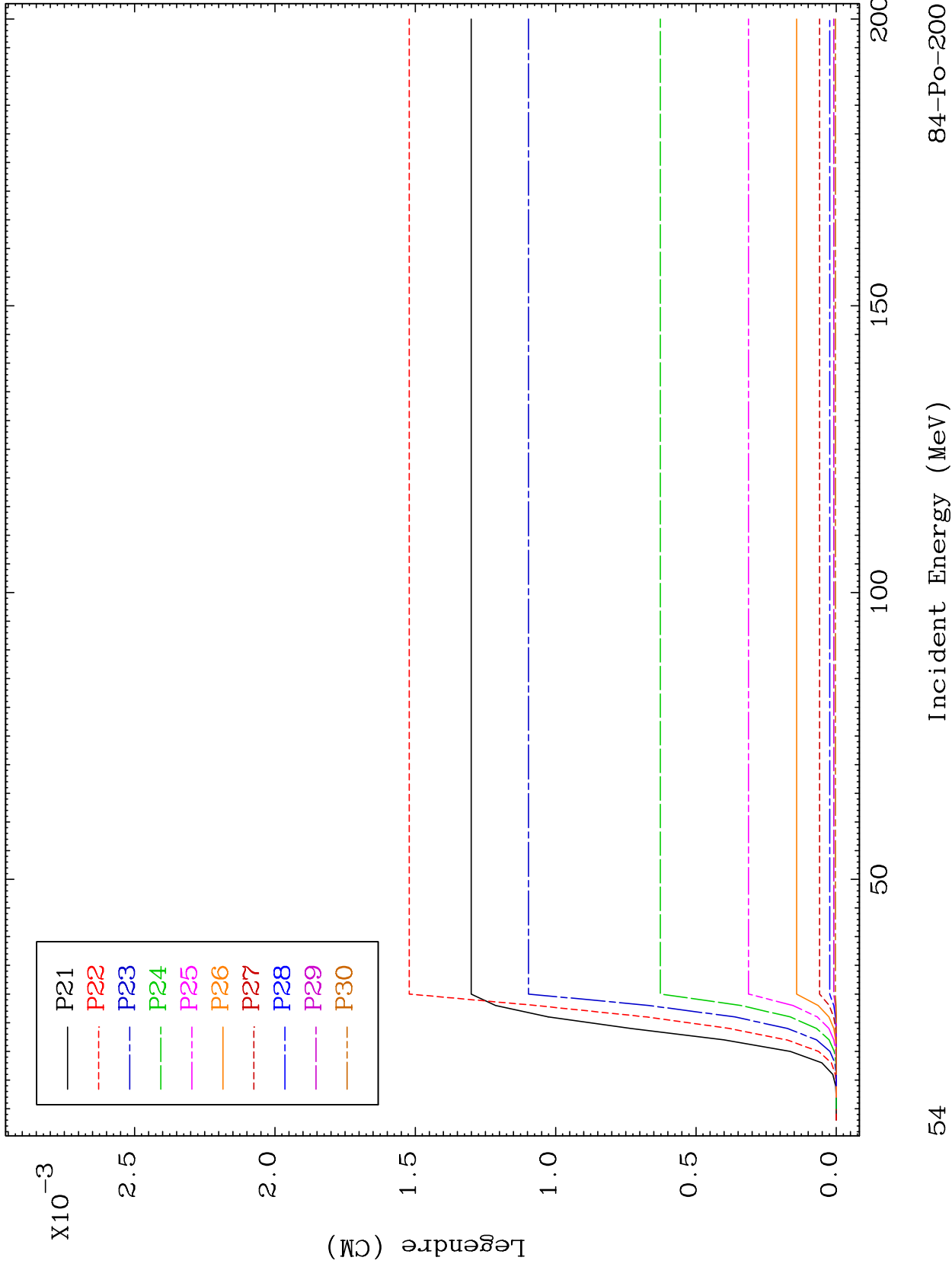
Incident Energy (MeV)

84-Po-200

MAT 8407

1.791 MeV (n,n') Level  
Legendre Coefficients

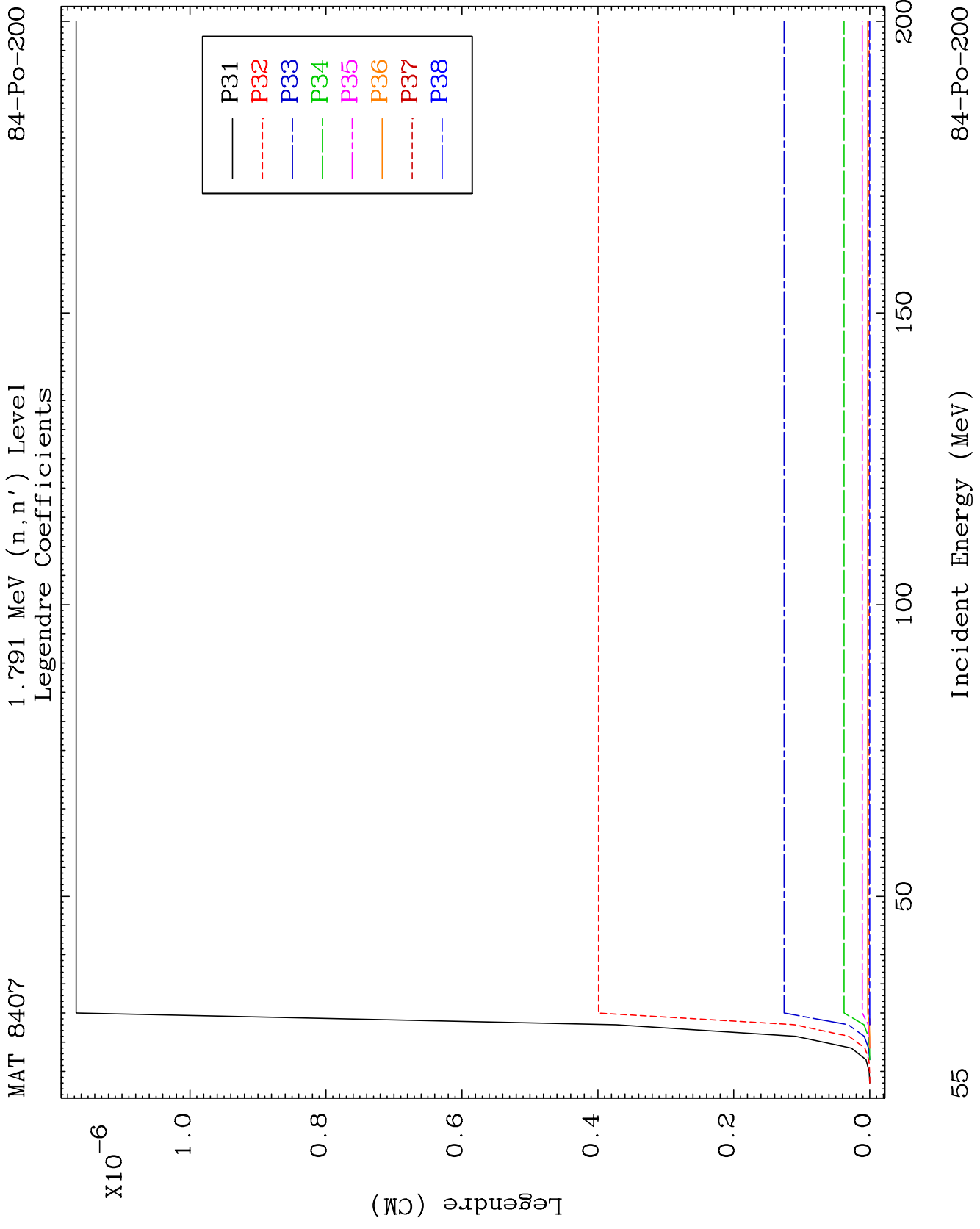
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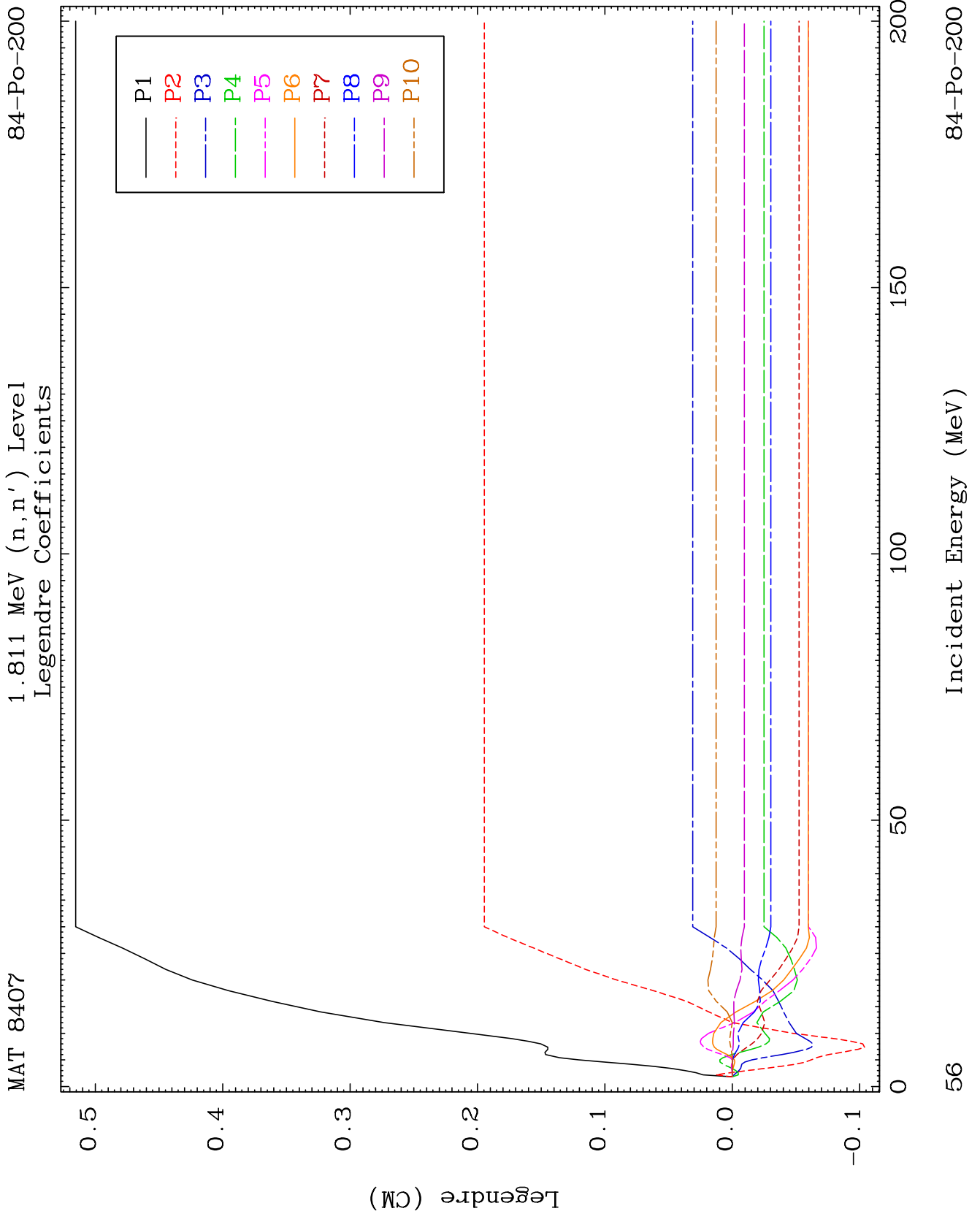
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Incident Energy (MeV)

84-Po-200





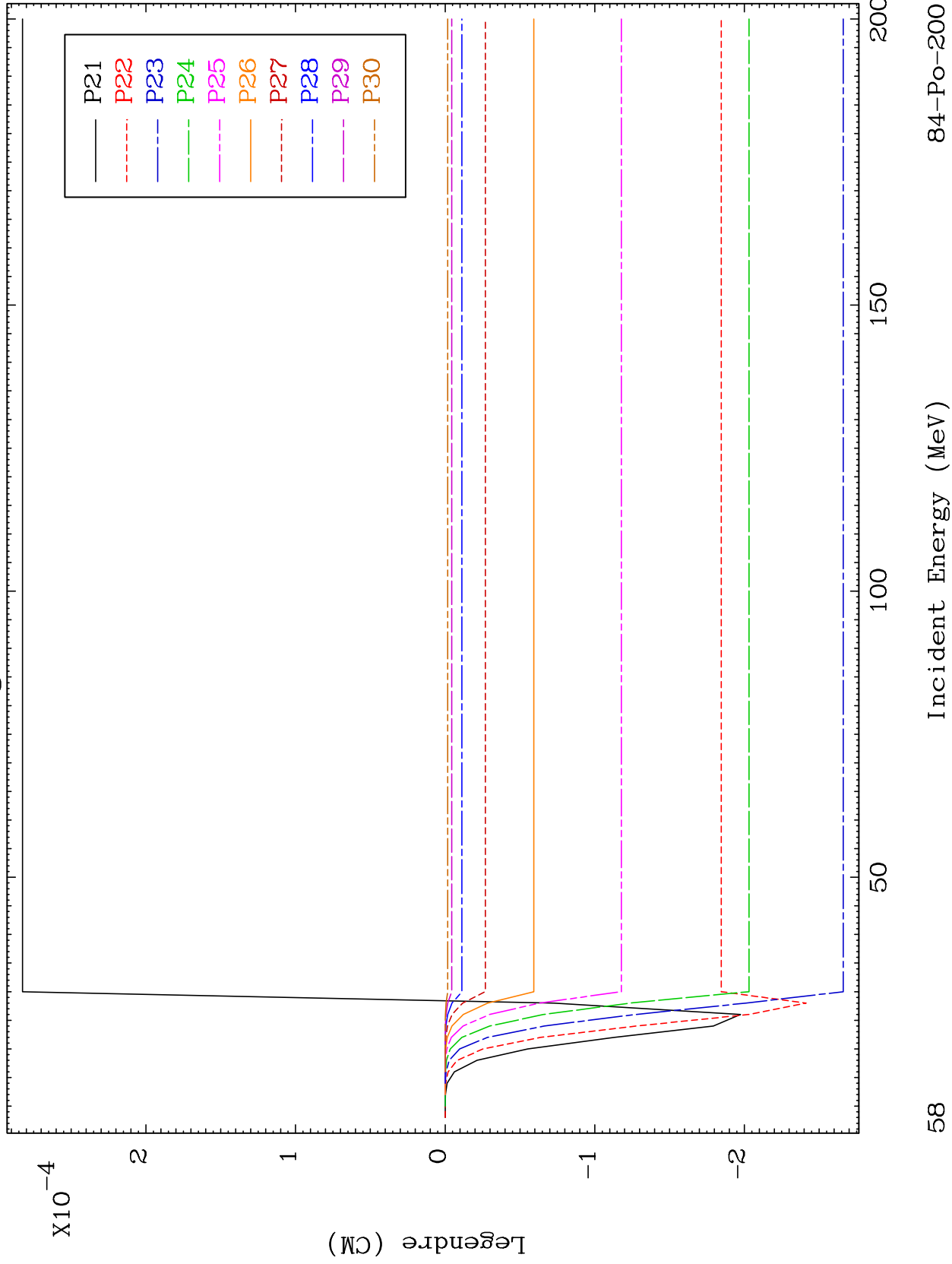




MAT 8407

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Legendre Coefficients

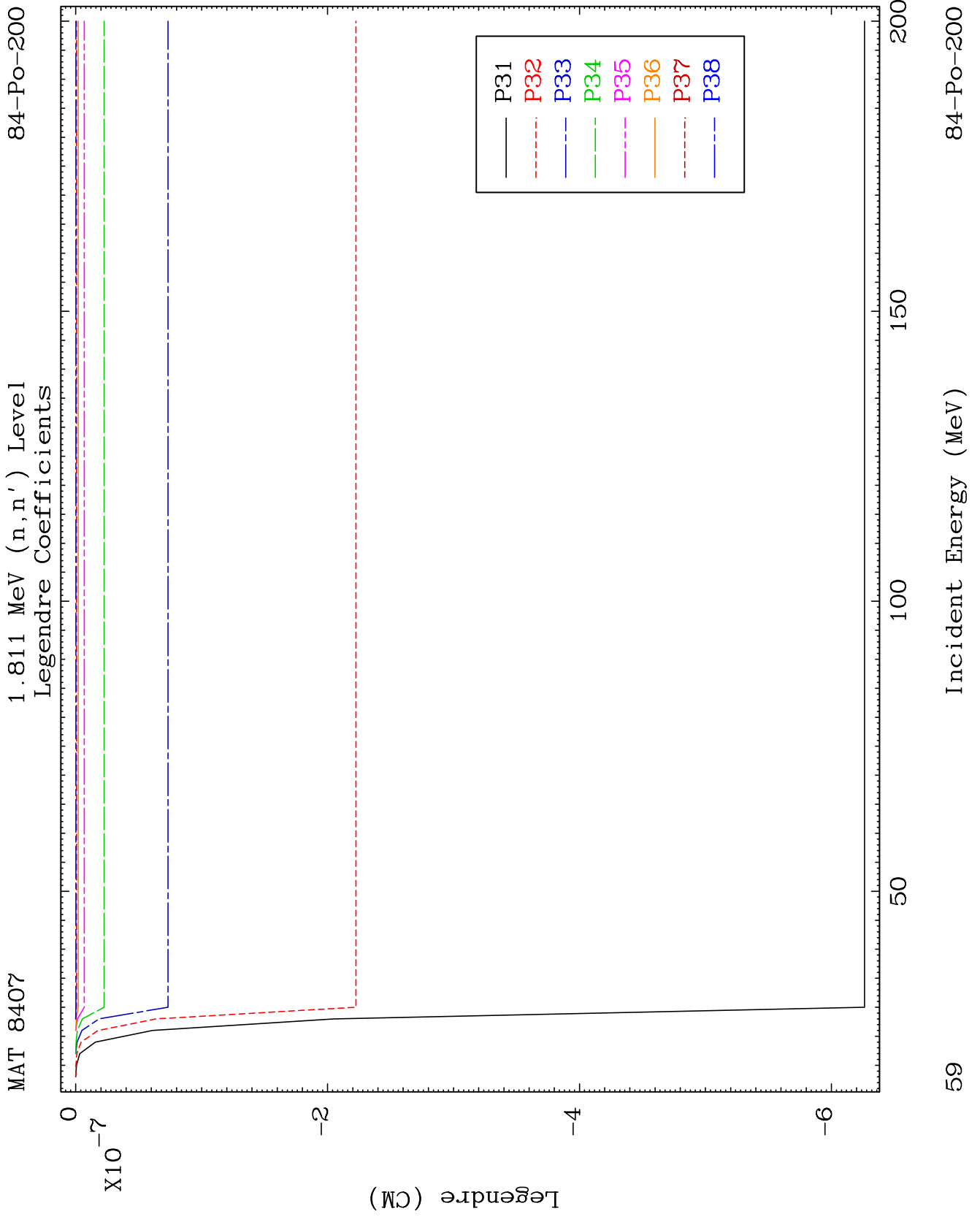
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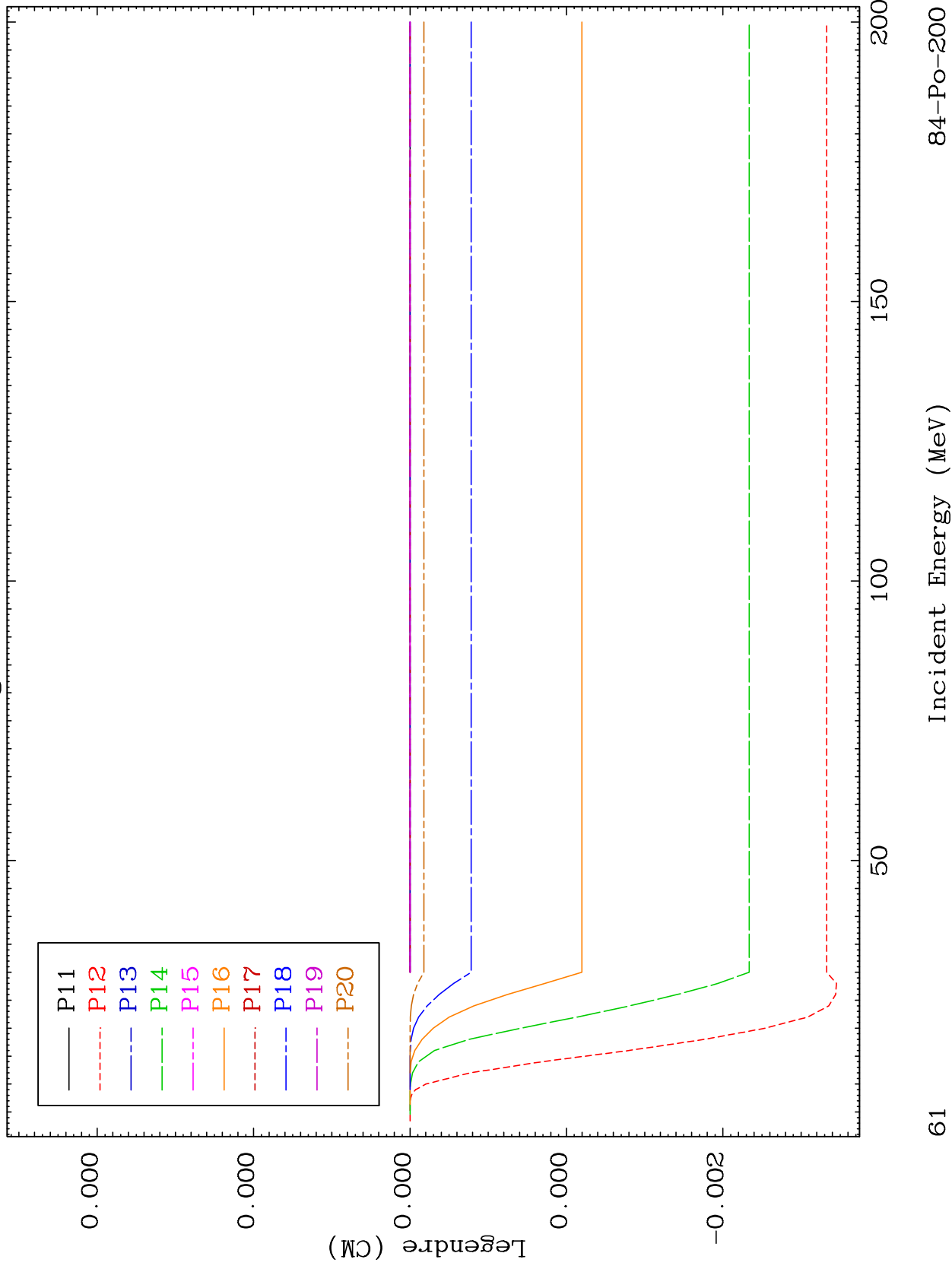
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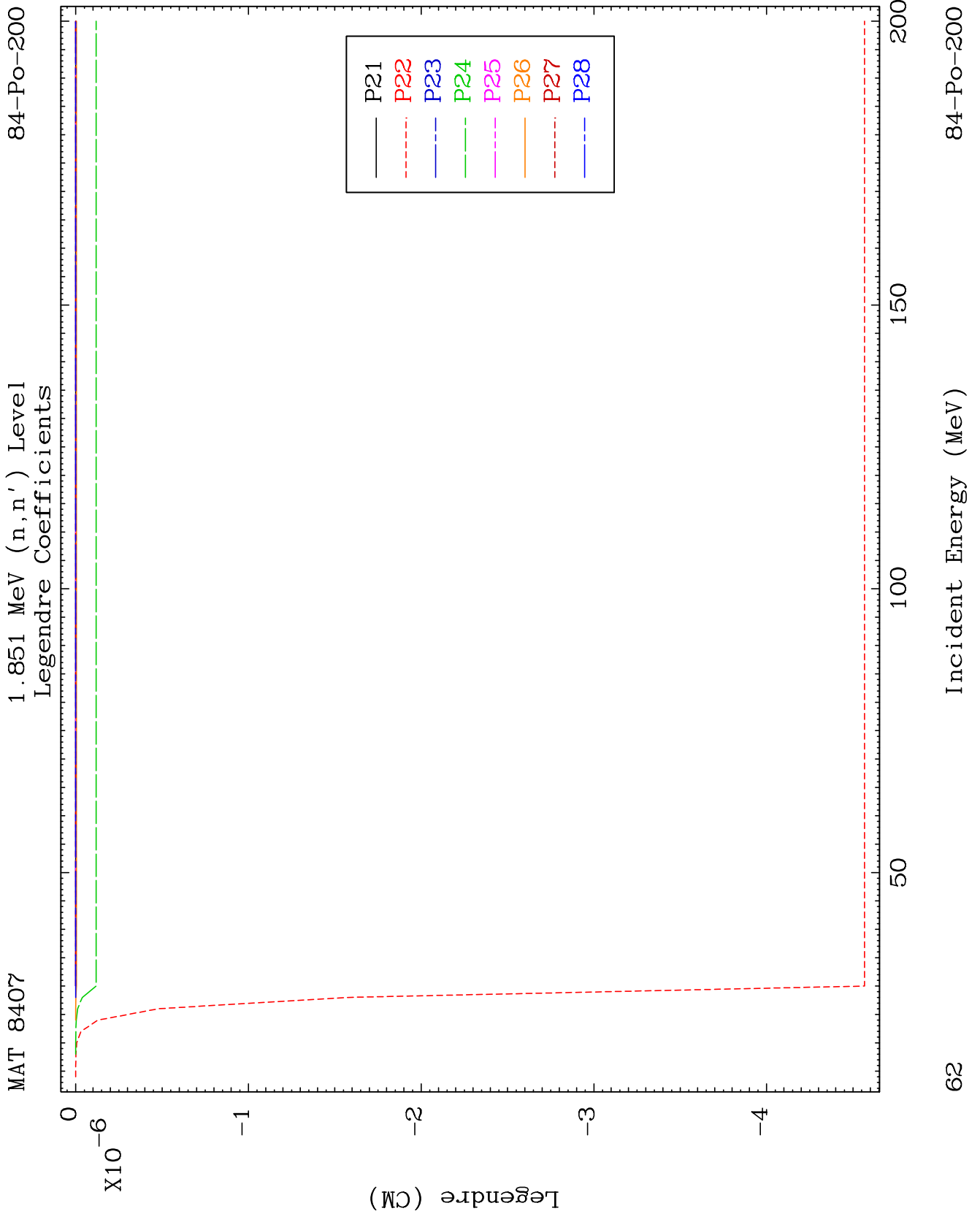
Incident Energy (MeV)

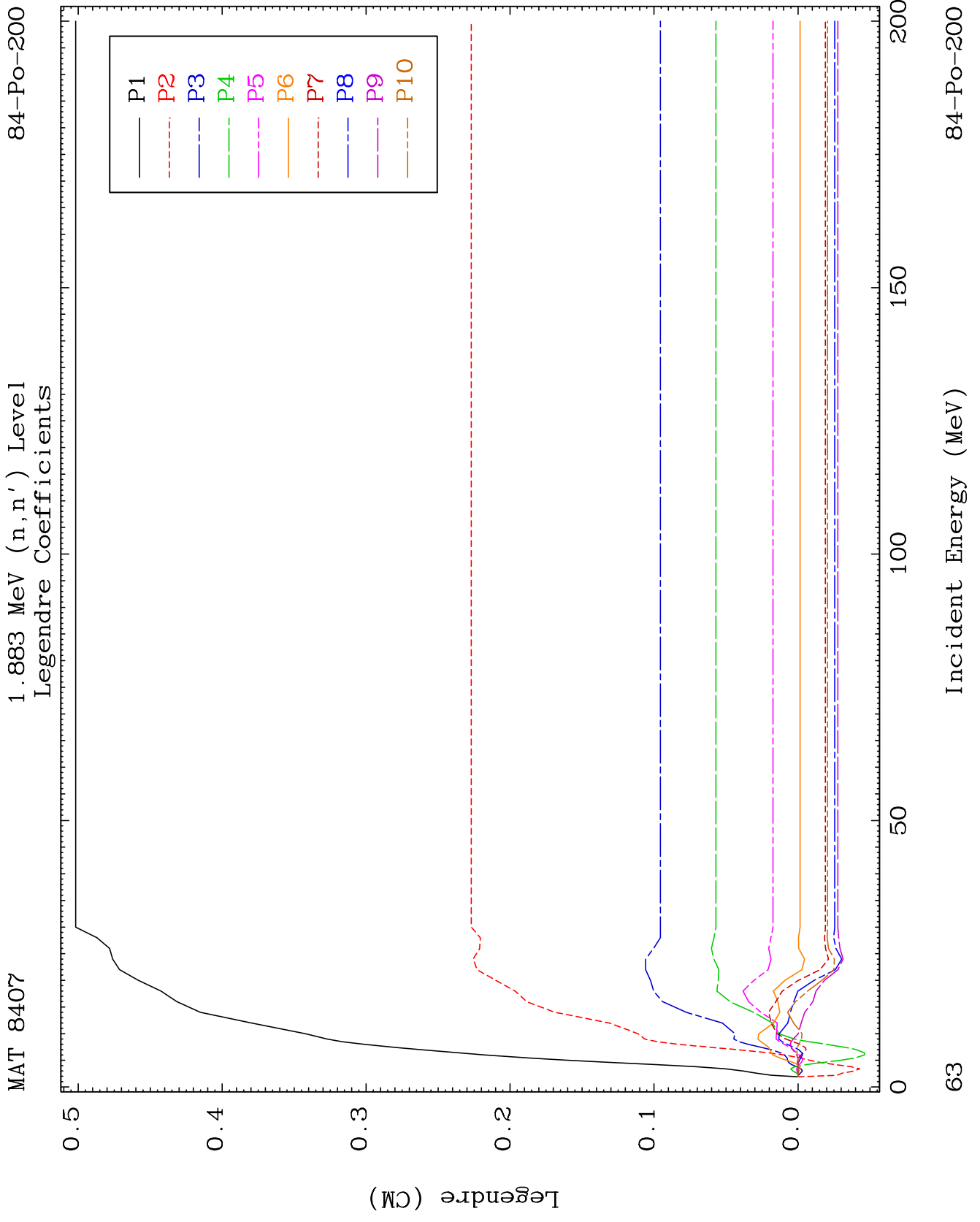
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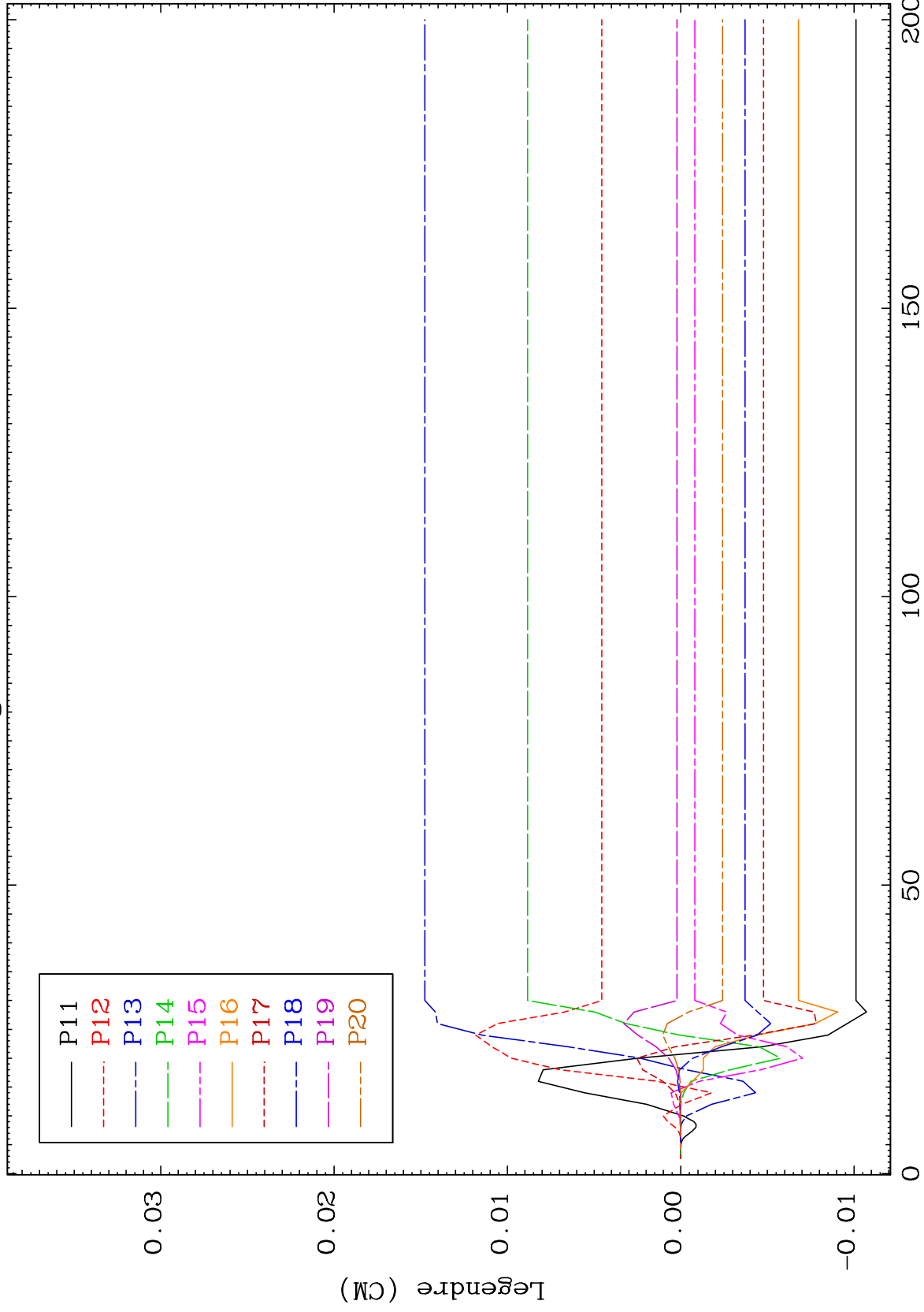




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1.883 MeV (n,n') Level  
Legendre Coefficients

84-Po-200



64

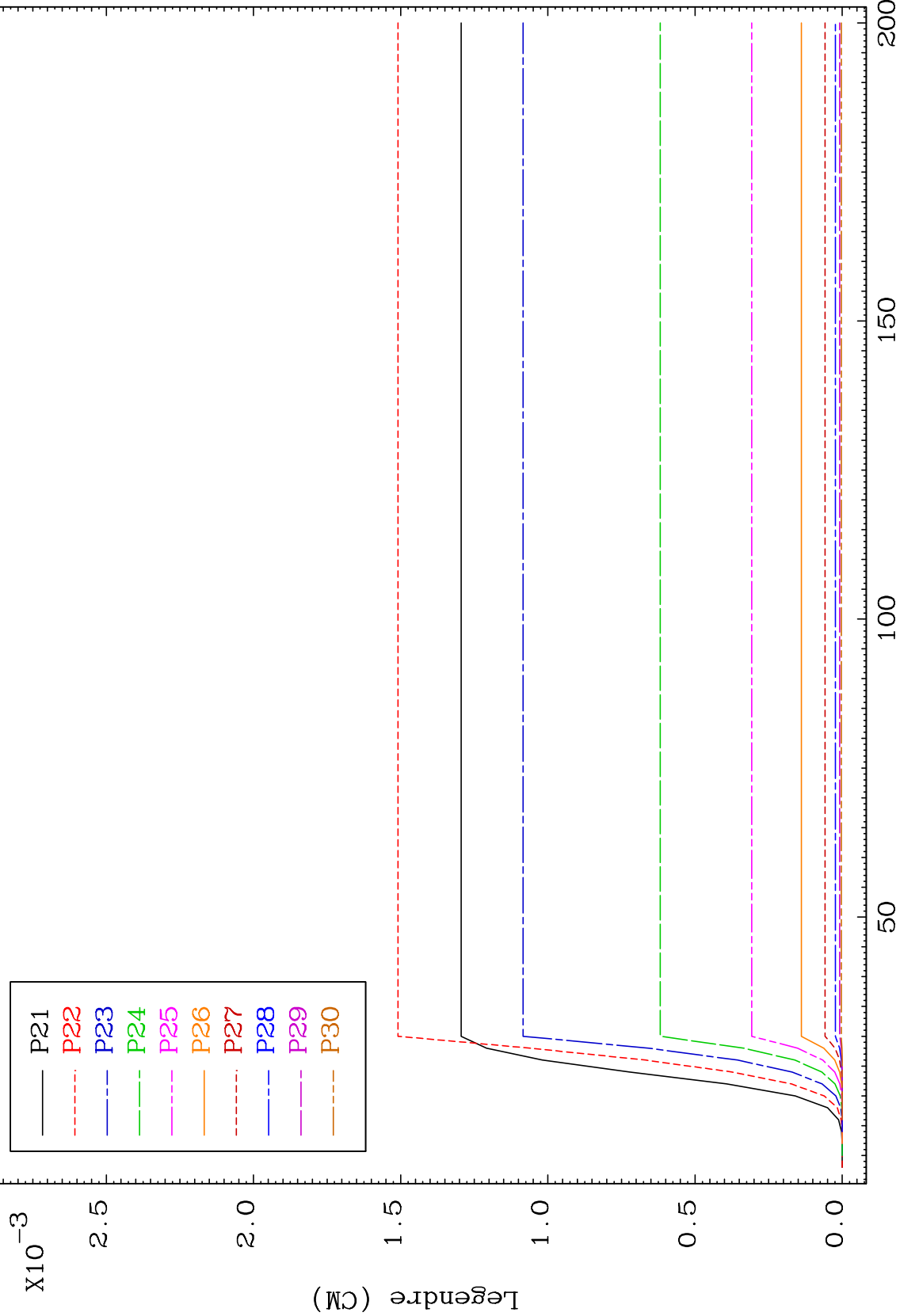
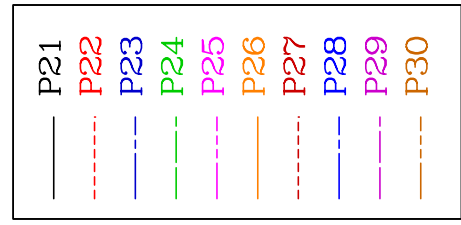
Incident Energy (MeV)

84-Po-200

MAT 8407

1.883 MeV (n,n') Level Legendre Coefficients

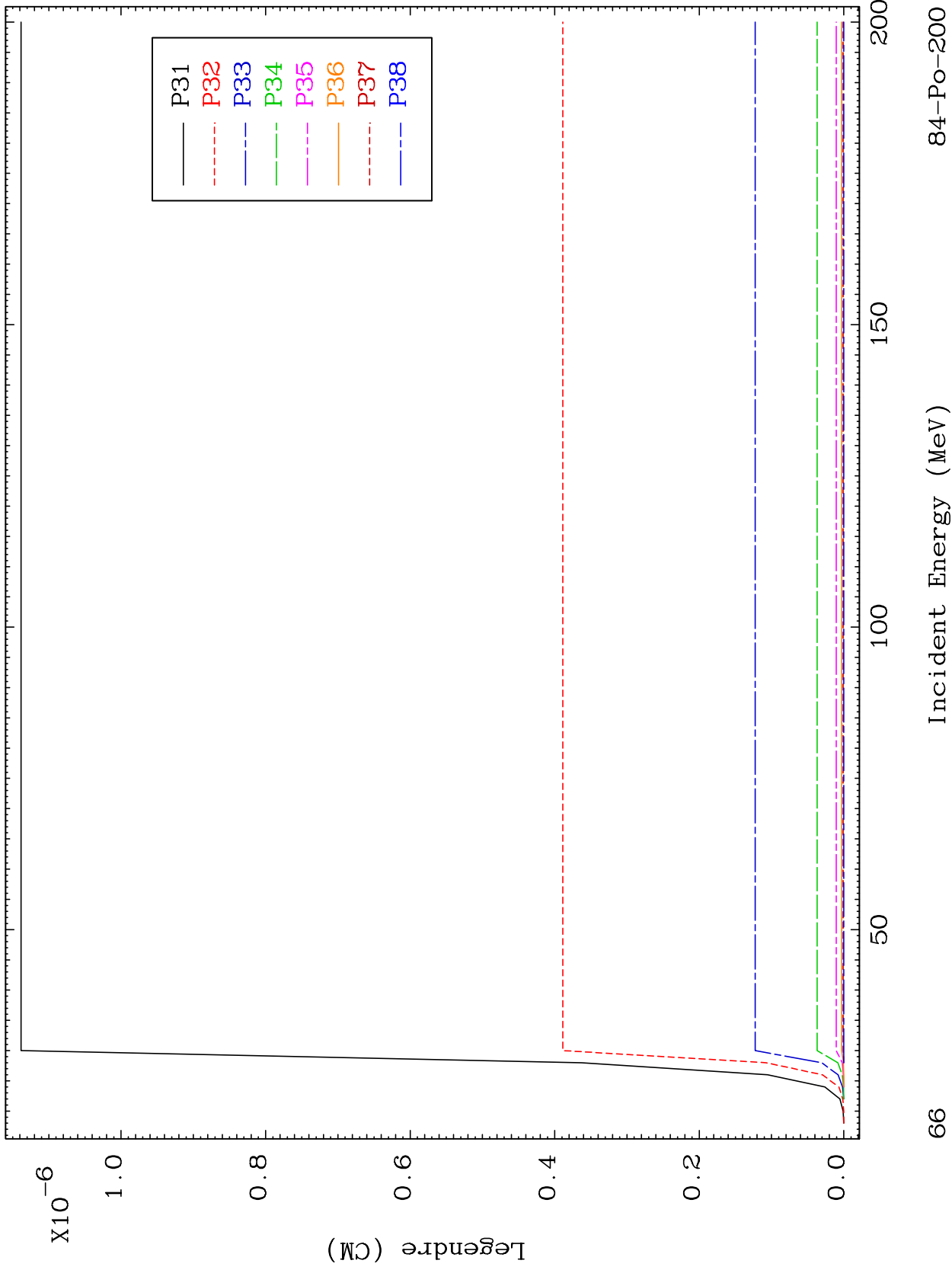
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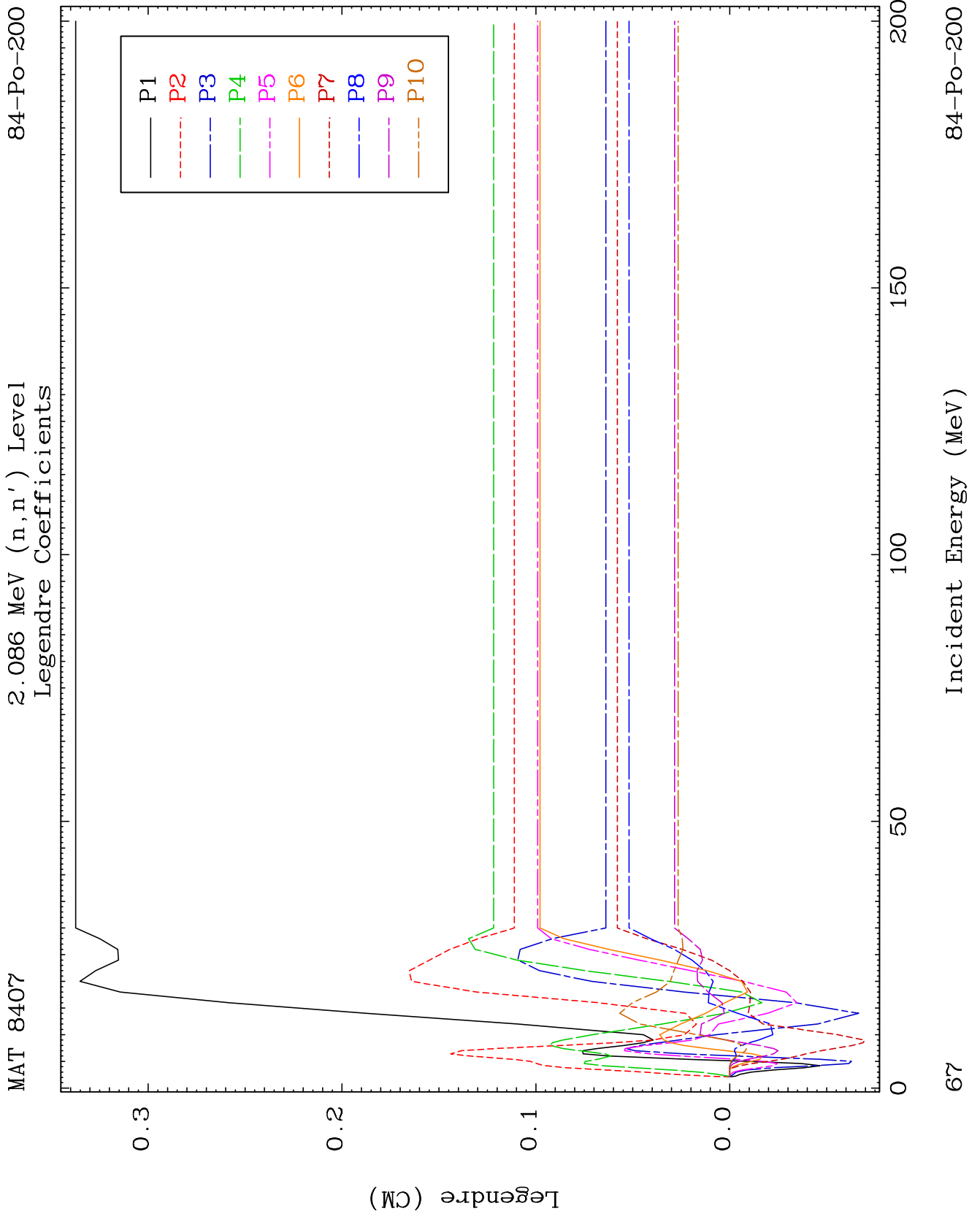


65

Incident Energy (MeV)

84-Po-200

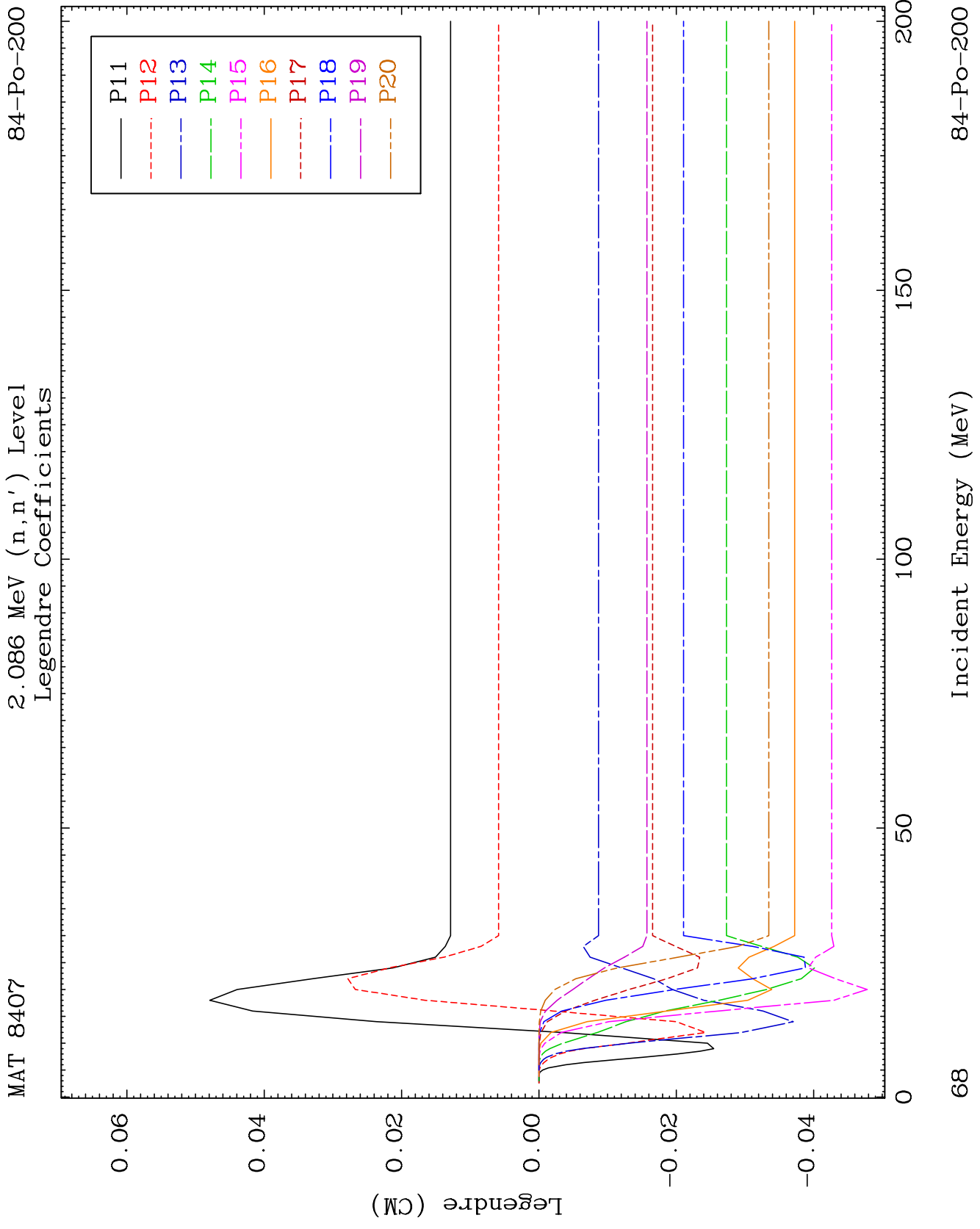


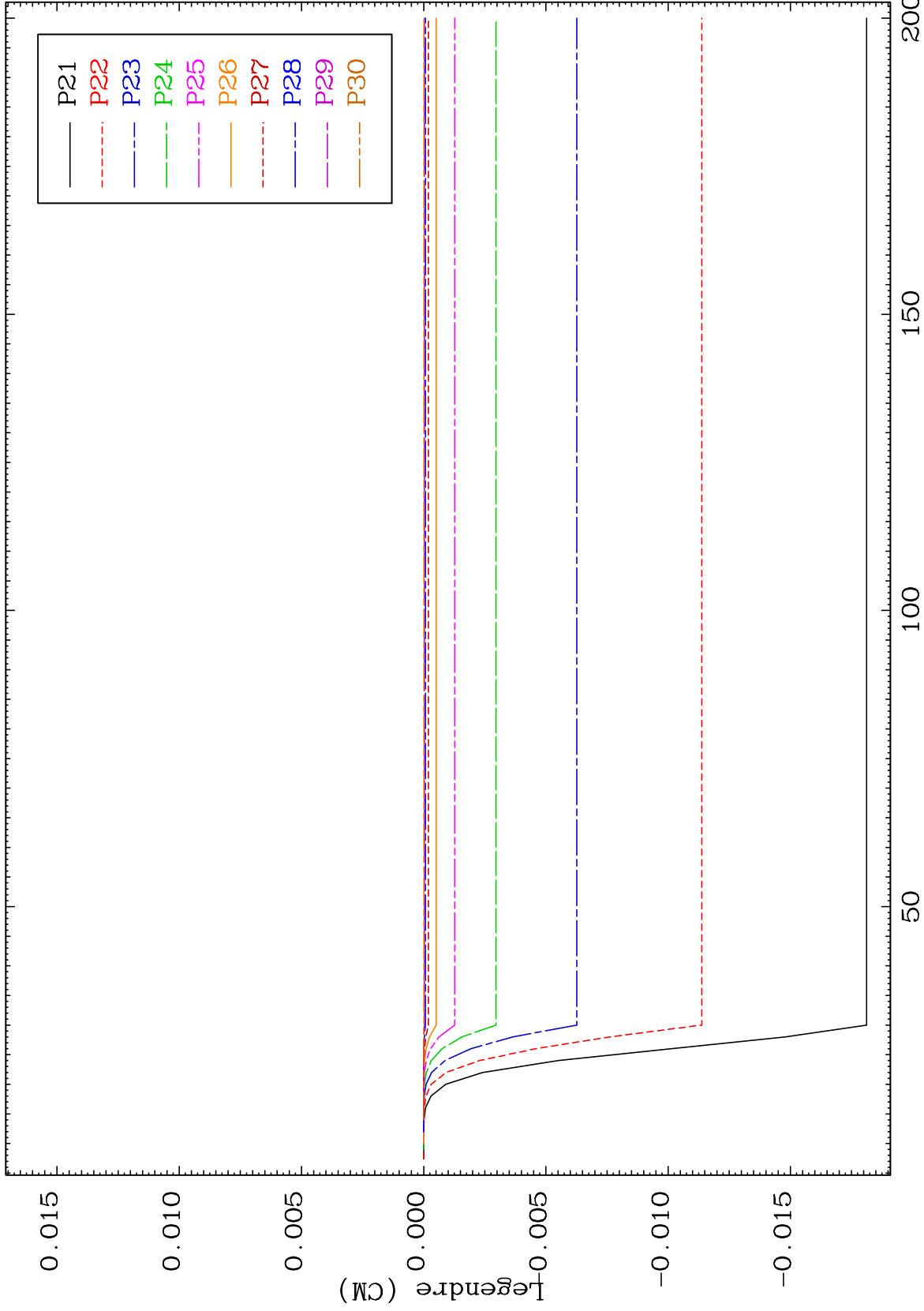


84-Po-200

Incident Energy (MeV)

67



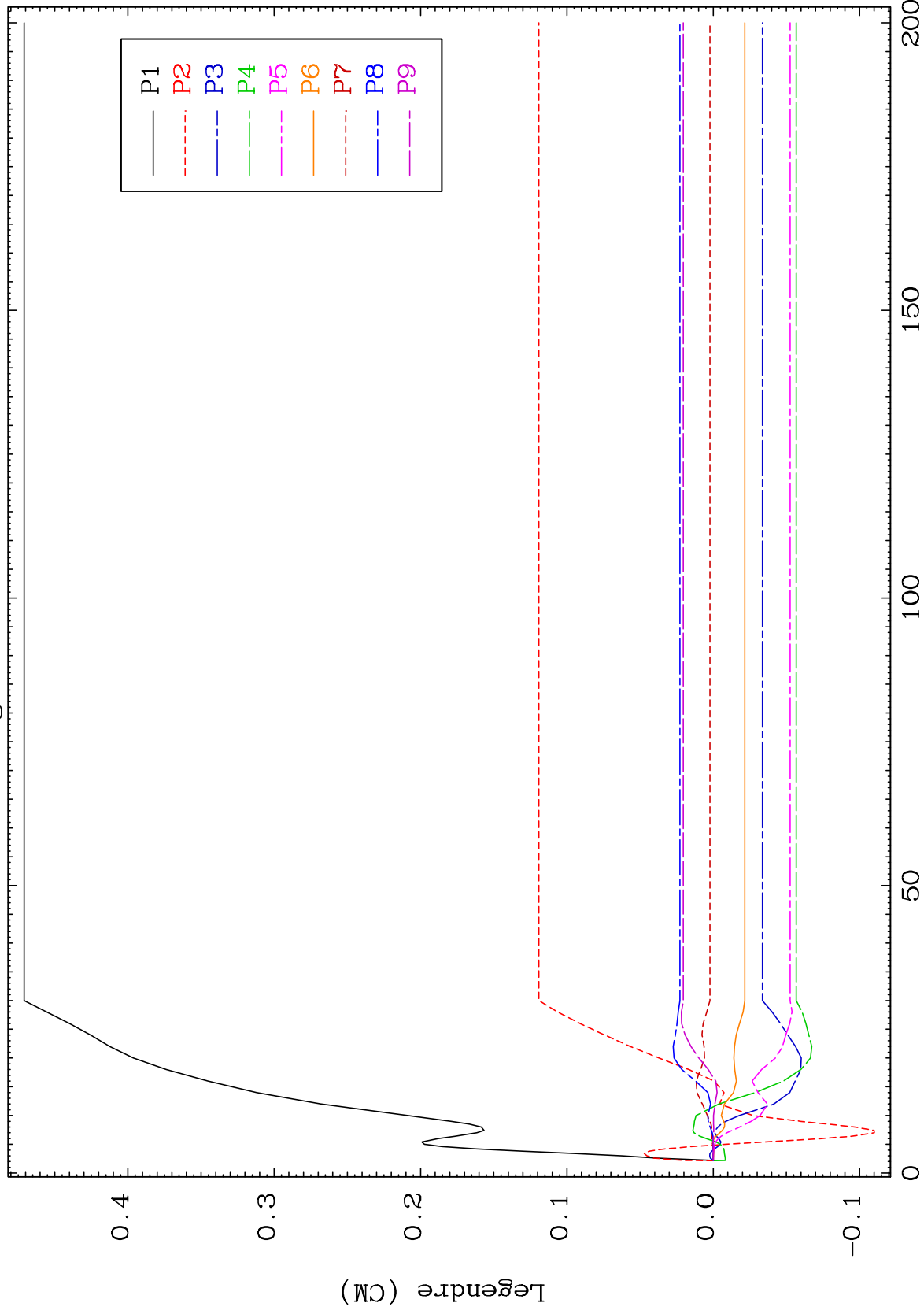




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2.135 MeV (n,n') Level  
Legendre Coefficients

84-Po-200



71

Incident Energy (MeV)

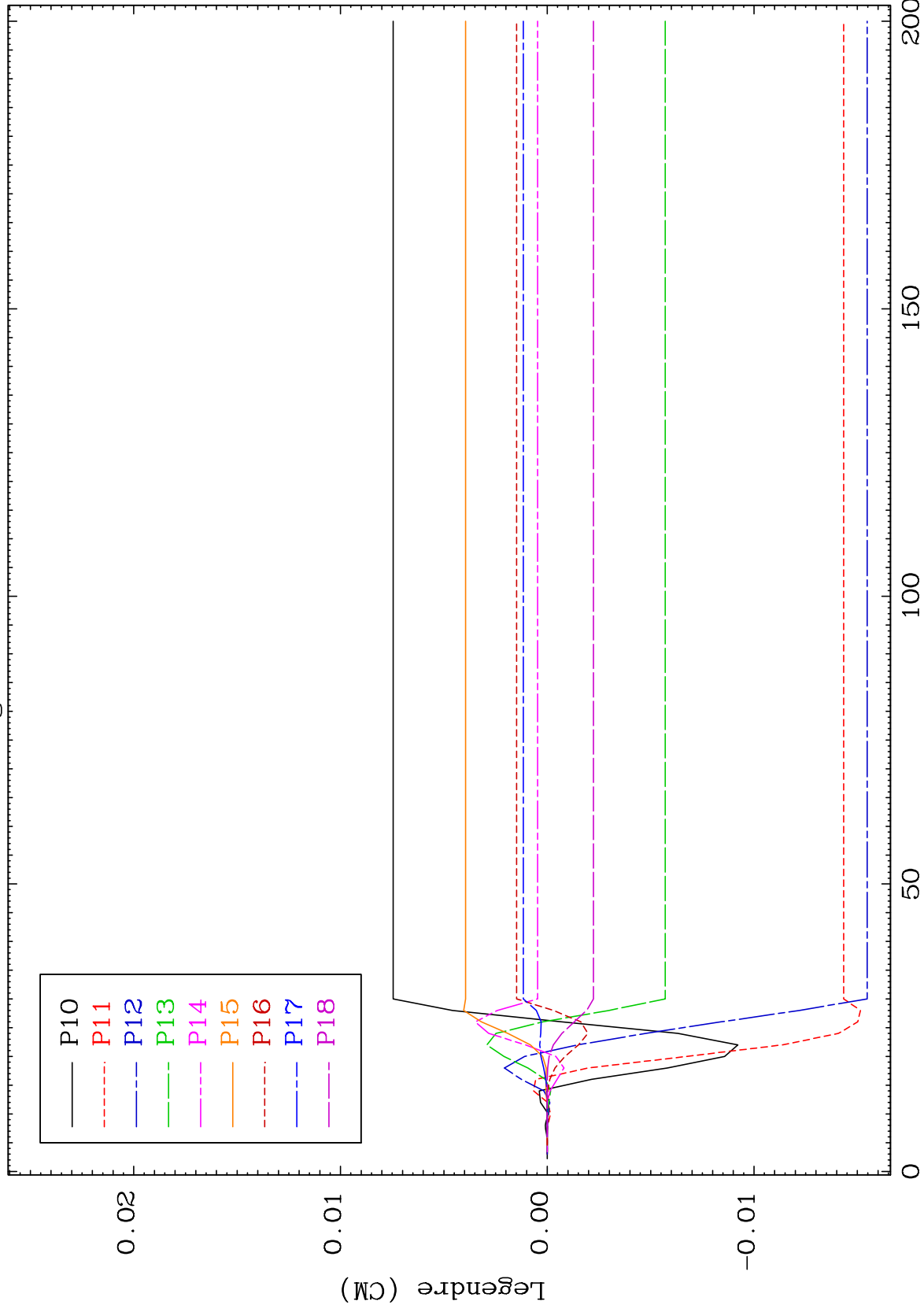
84-Po-200



MAT 8407

2.135 MeV (n, n') Level  
Legendre Coefficients

84-Po-200

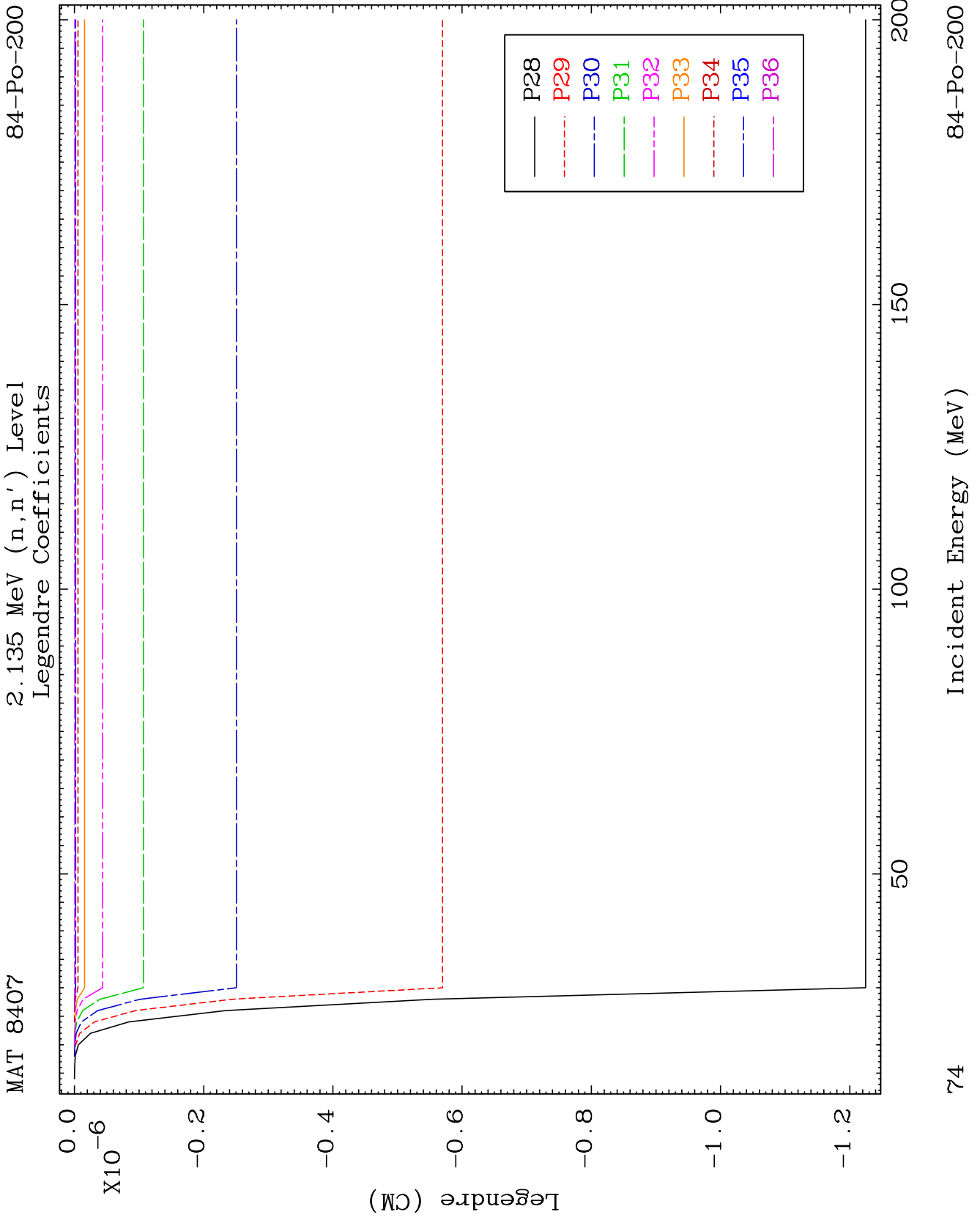


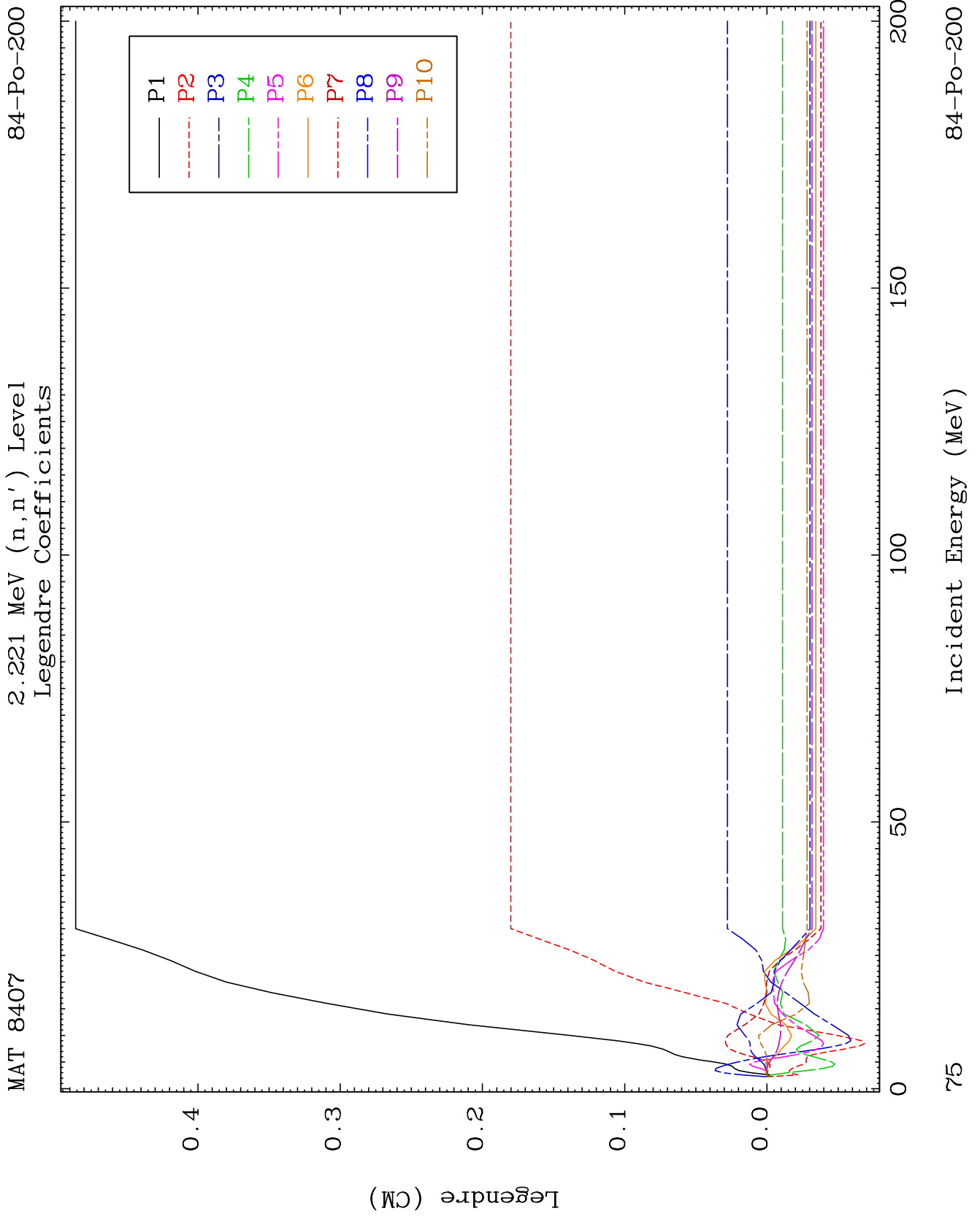
72

Incident Energy (MeV)

84-Po-200



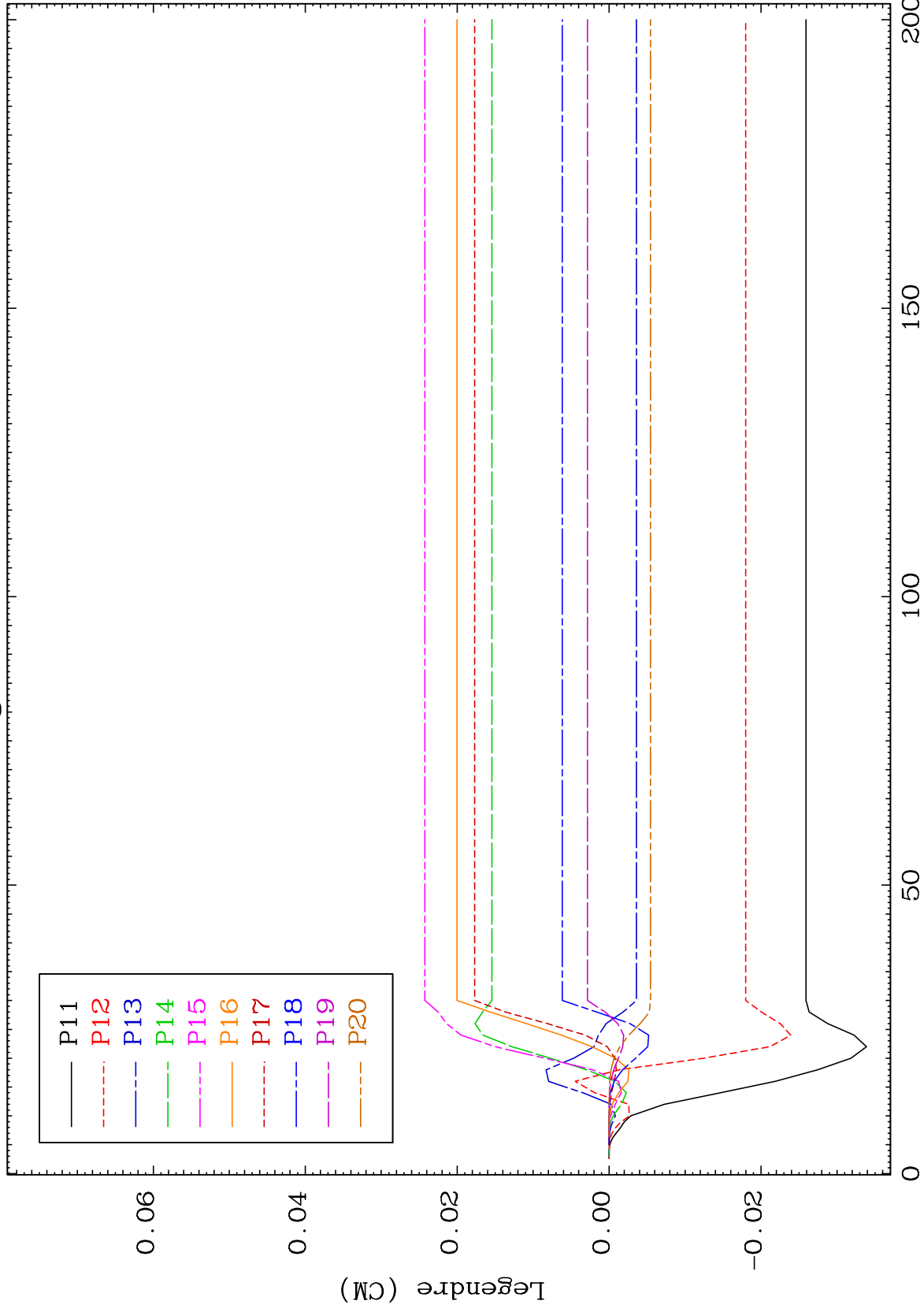




MAT 8407

2.221 MeV (n,n') Level  
Legendre Coefficients

84-Po-200



76

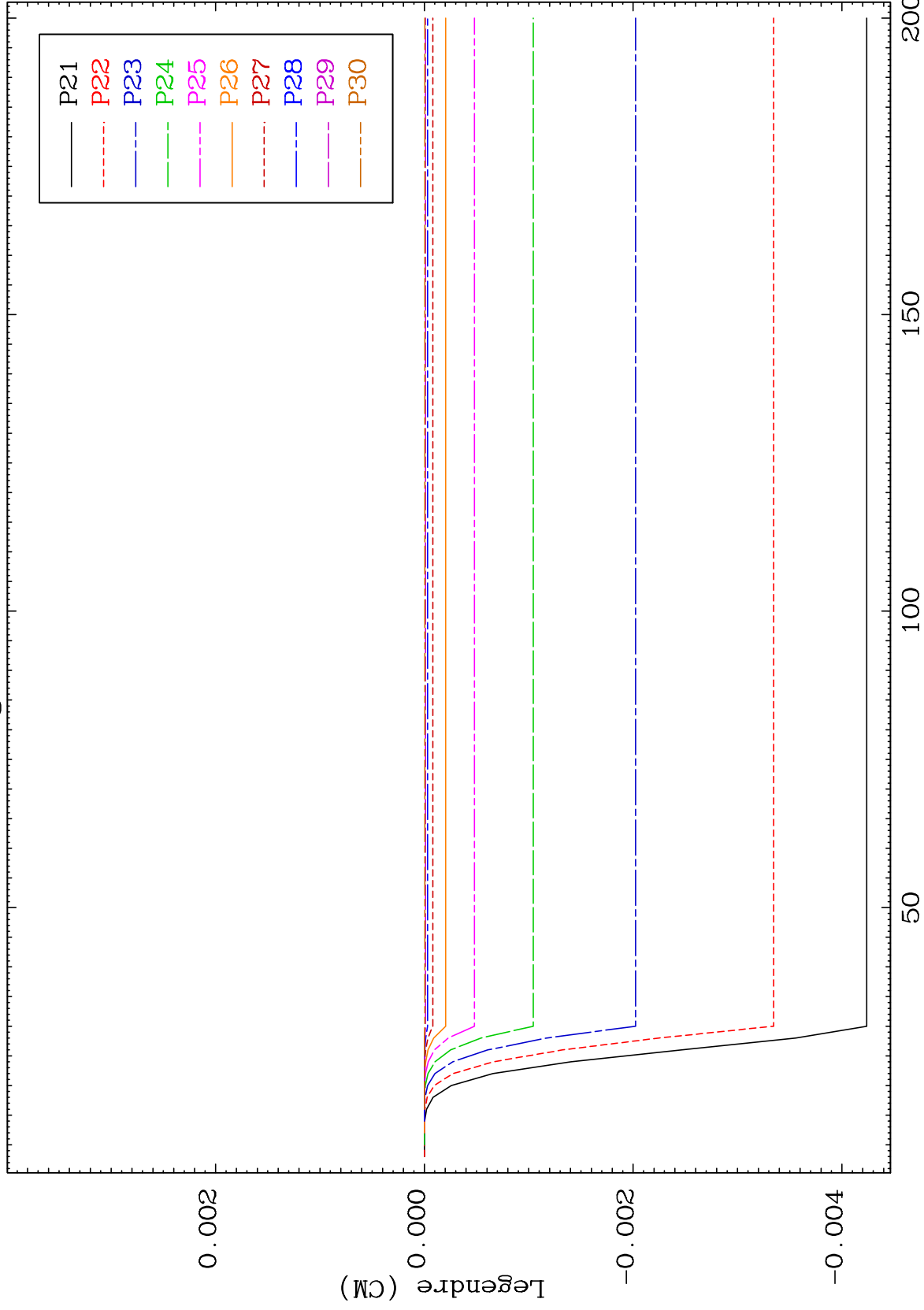
Incident Energy (MeV)

84-Po-200

MAT 8407

2.221 MeV (n,n') Level  
Legendre Coefficients

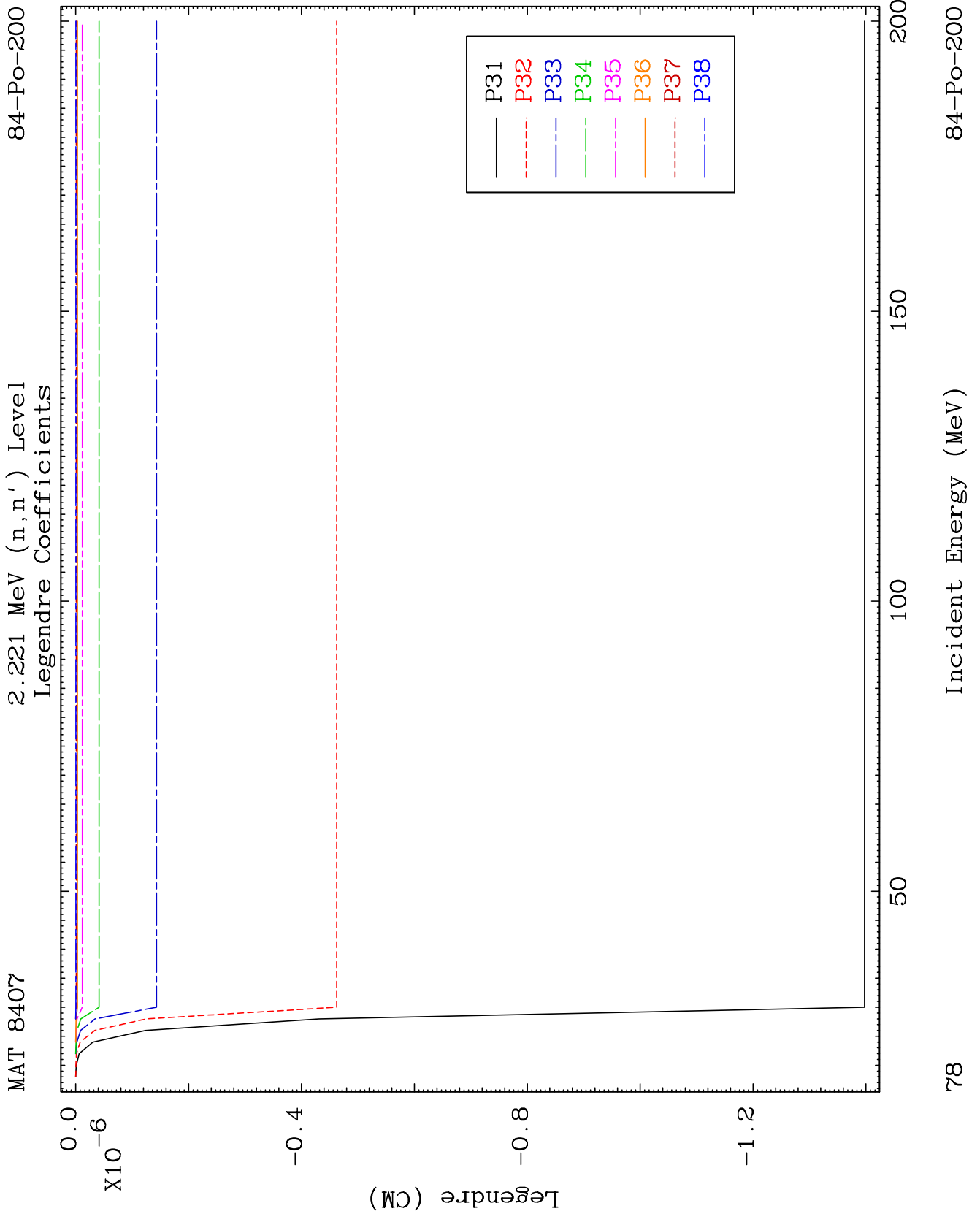
84-Po-200



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Incident Energy (MeV)

84-Po-200

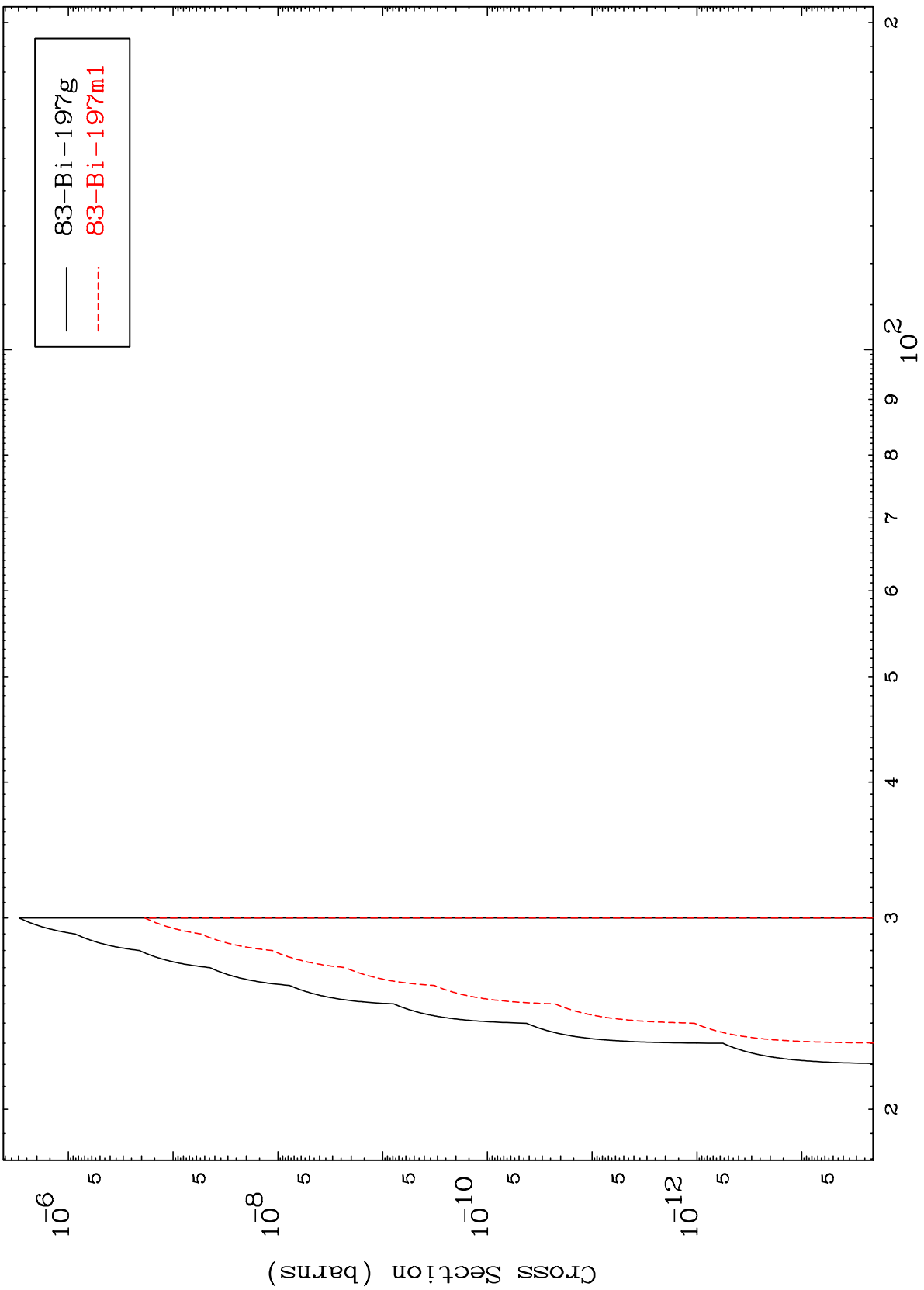


MAT 8407

(n,2n) d

84-Po-200

Radionuclide Production Cross Section

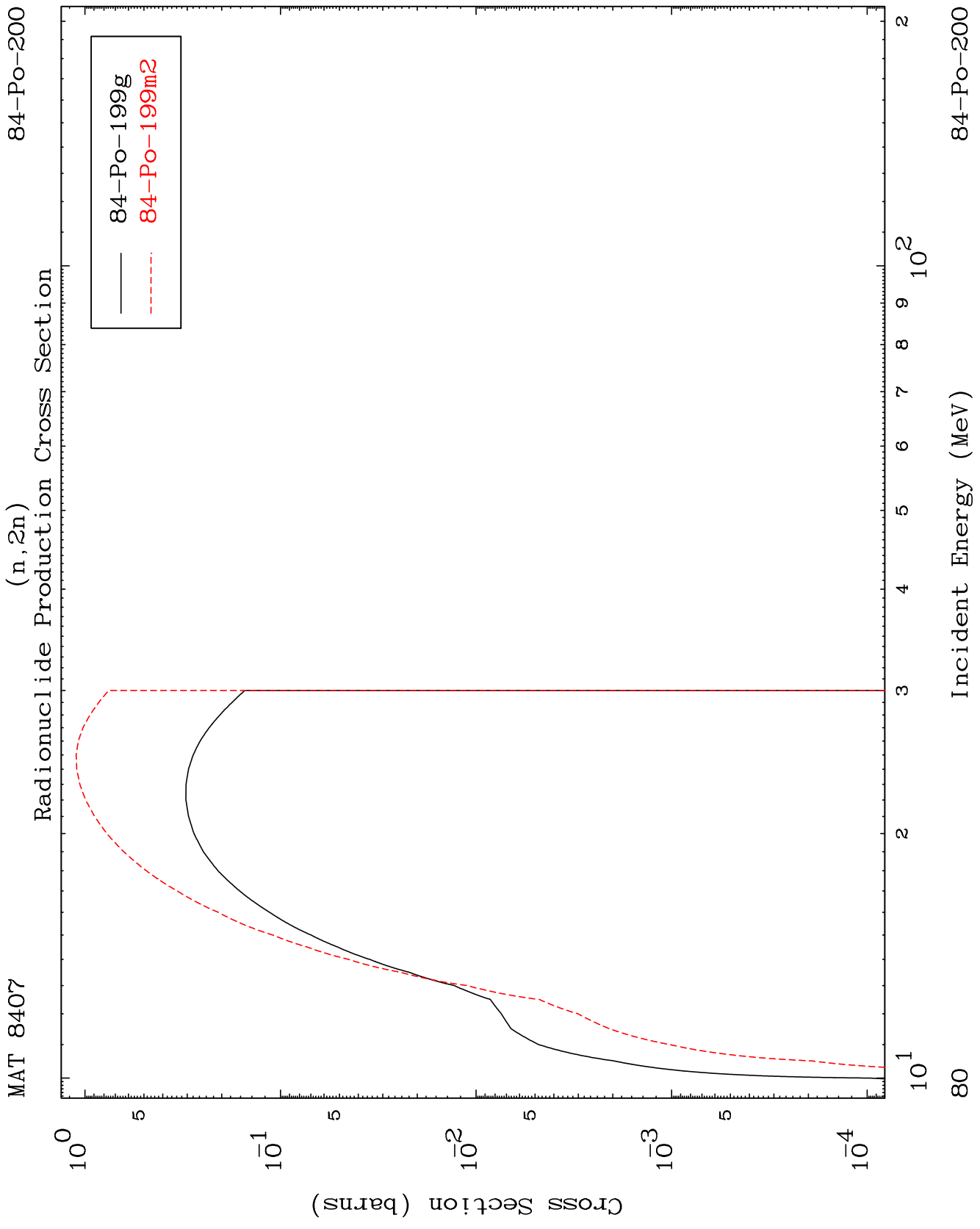


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Incident Energy (MeV)

84-Po-200



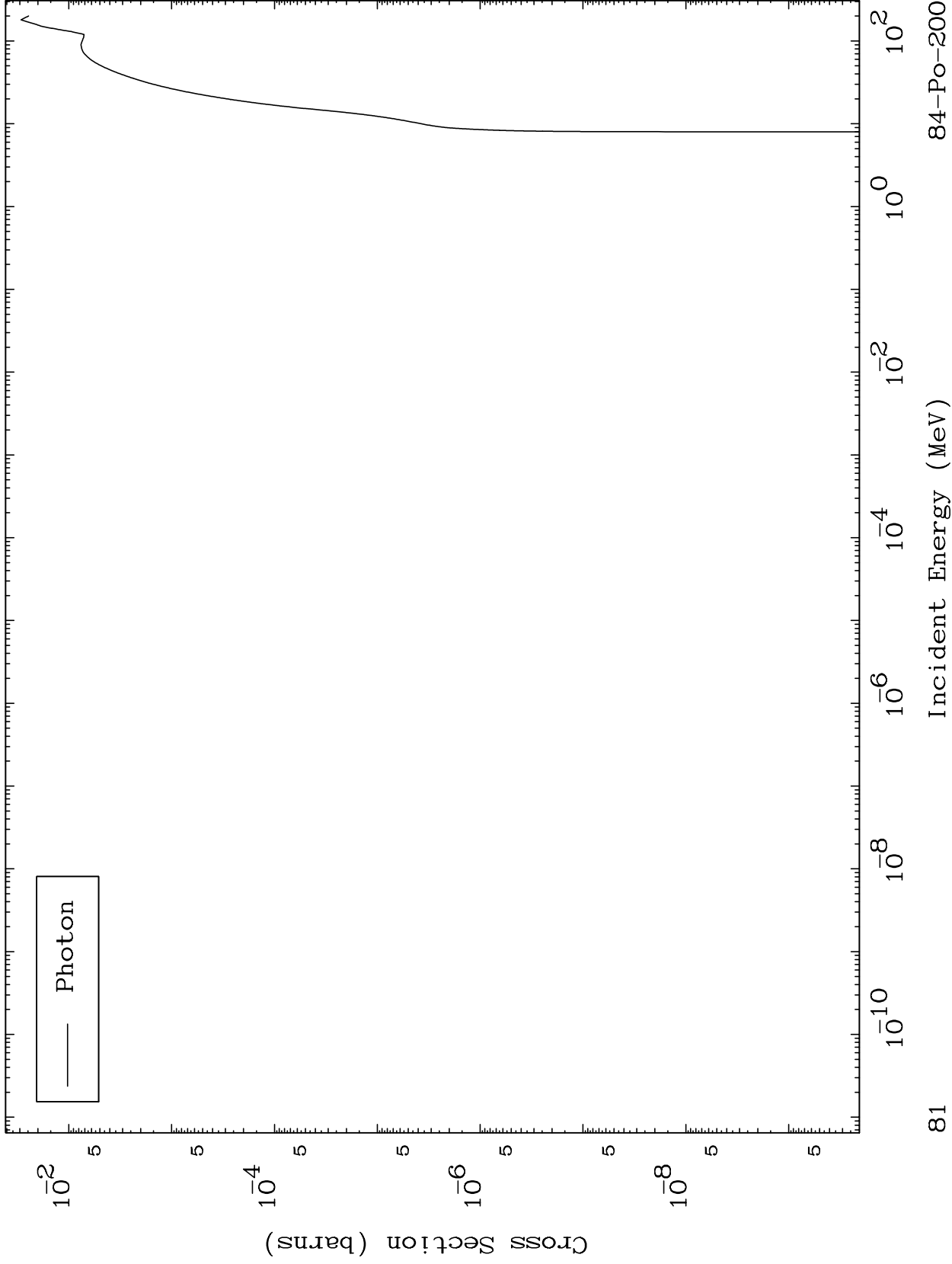


MAT 8407

Fission

84-Po-200

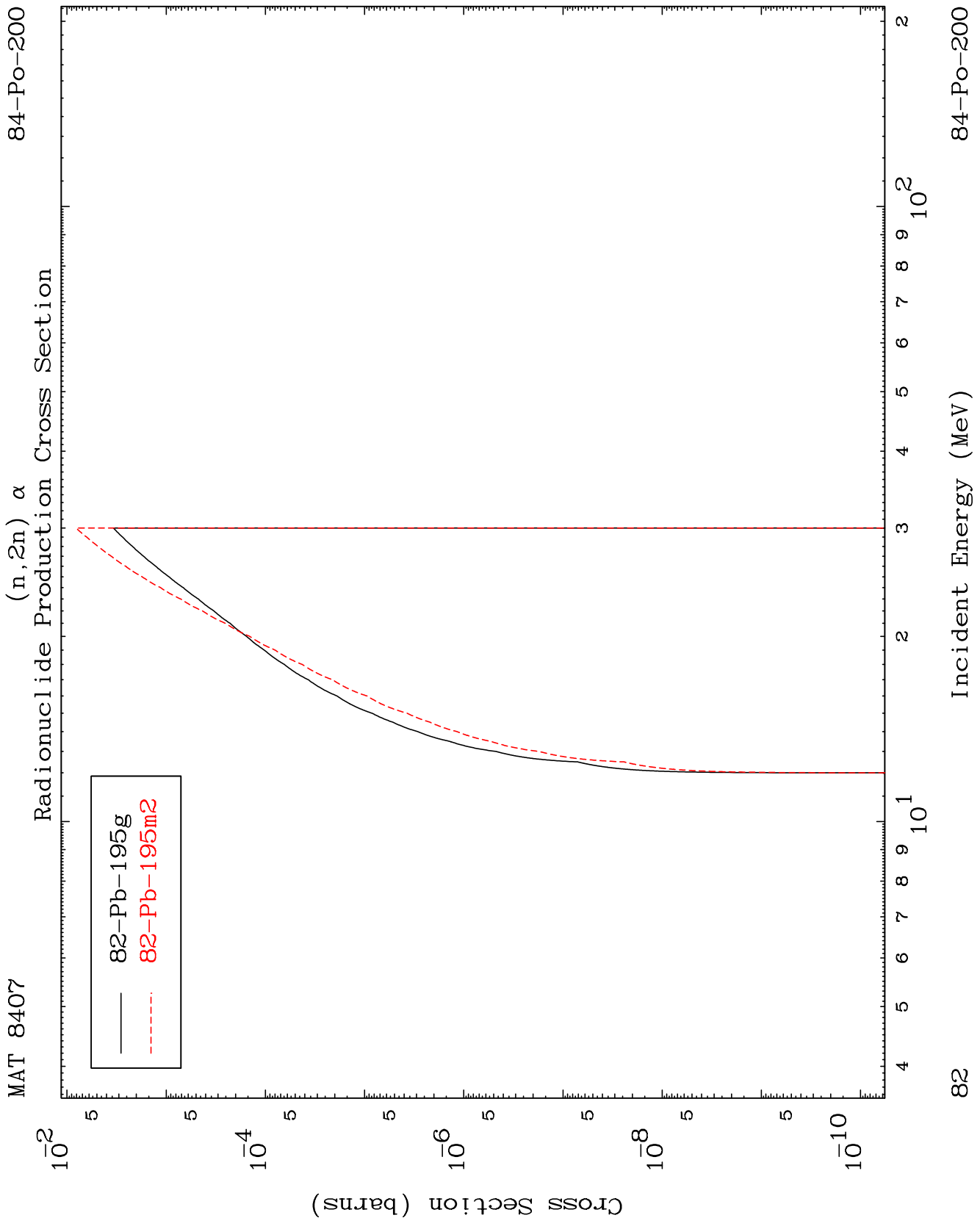
Radionuclide Production Cross Section



81

Incident Energy (MeV)

84-Po-200

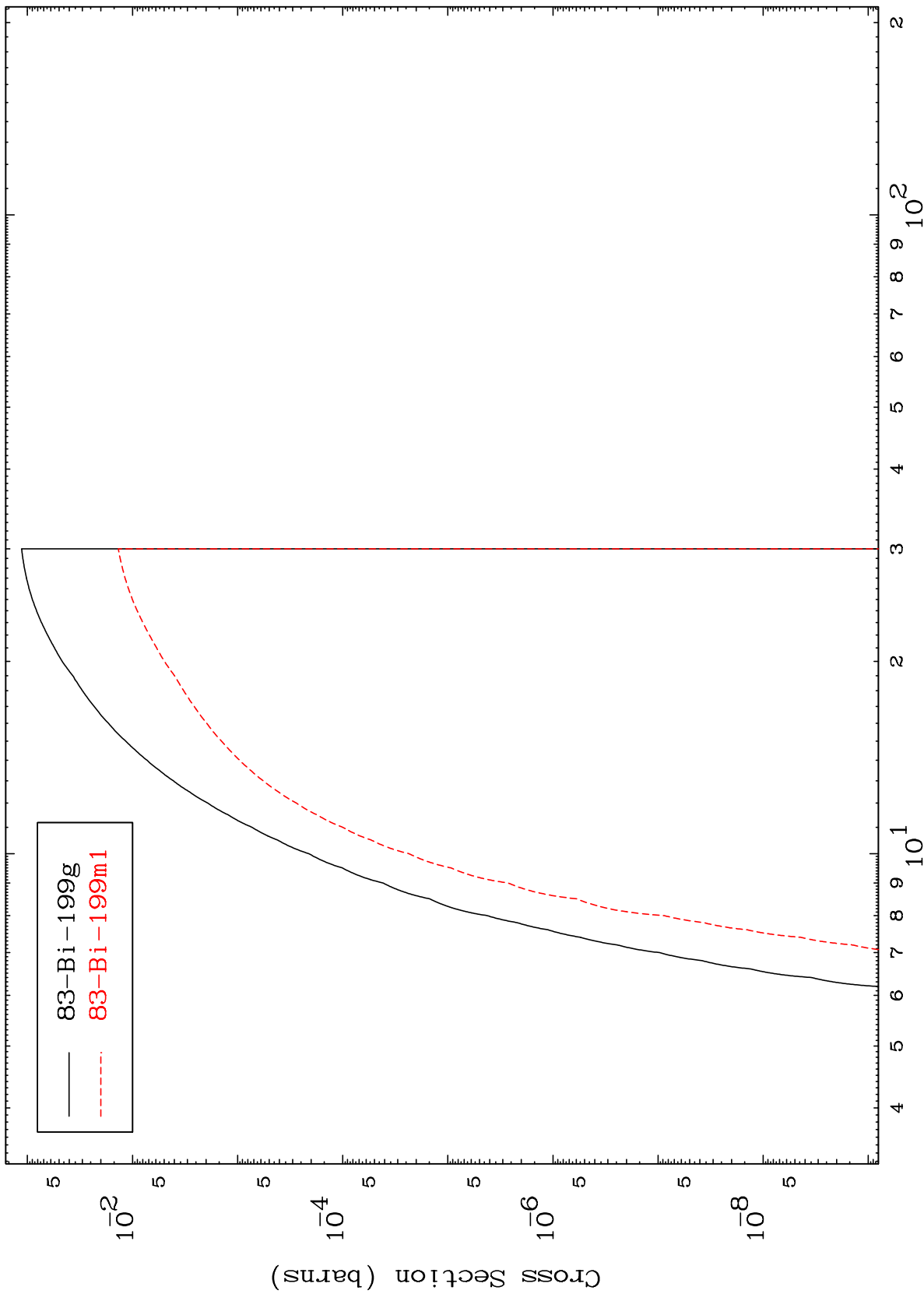


MAT 8407

(n,n') p

84-Po-200

Radionuclide Production Cross Section



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Incident Energy (MeV)

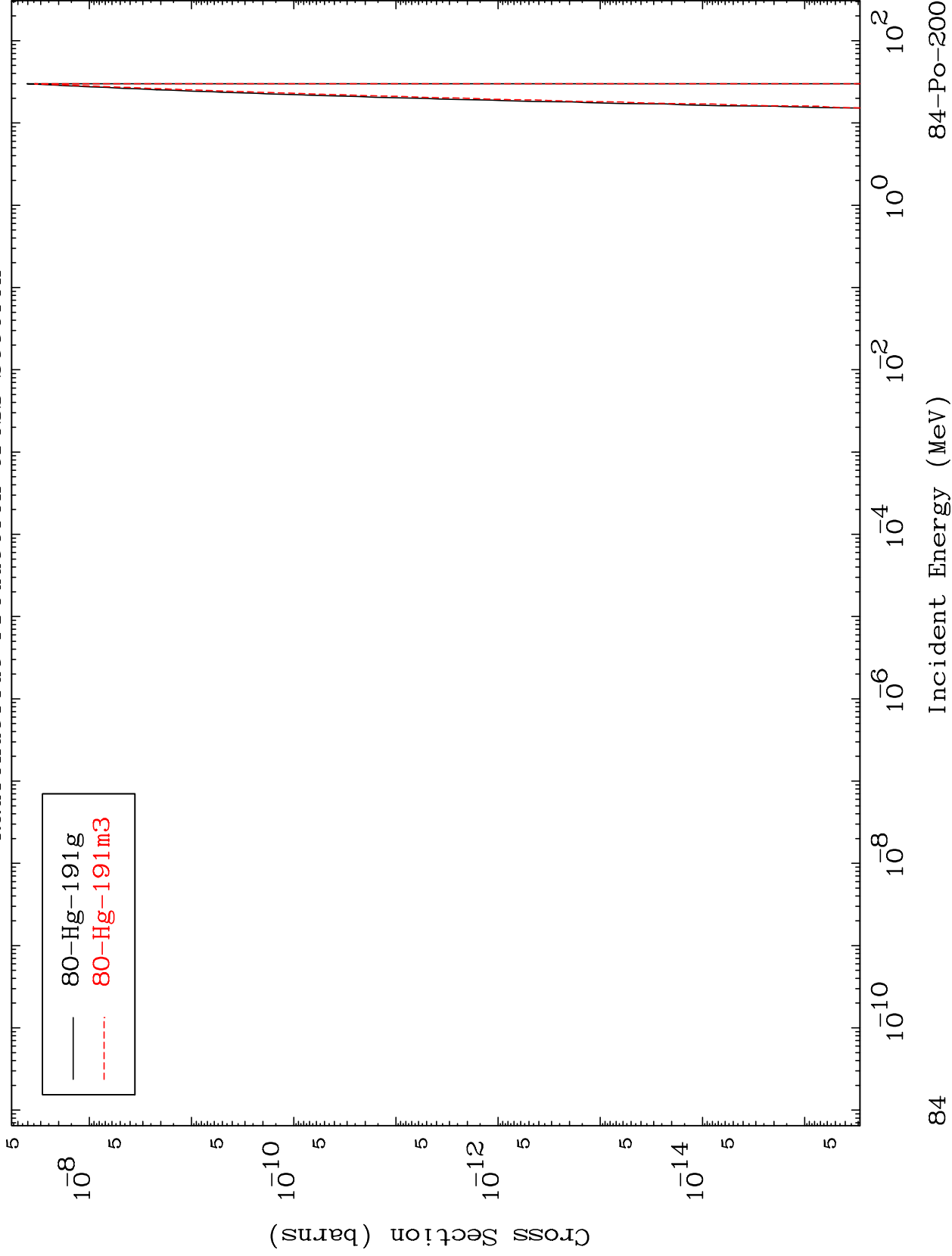
84-Po-200

MAT 8407

(n,2n) 2α

84-Po-200

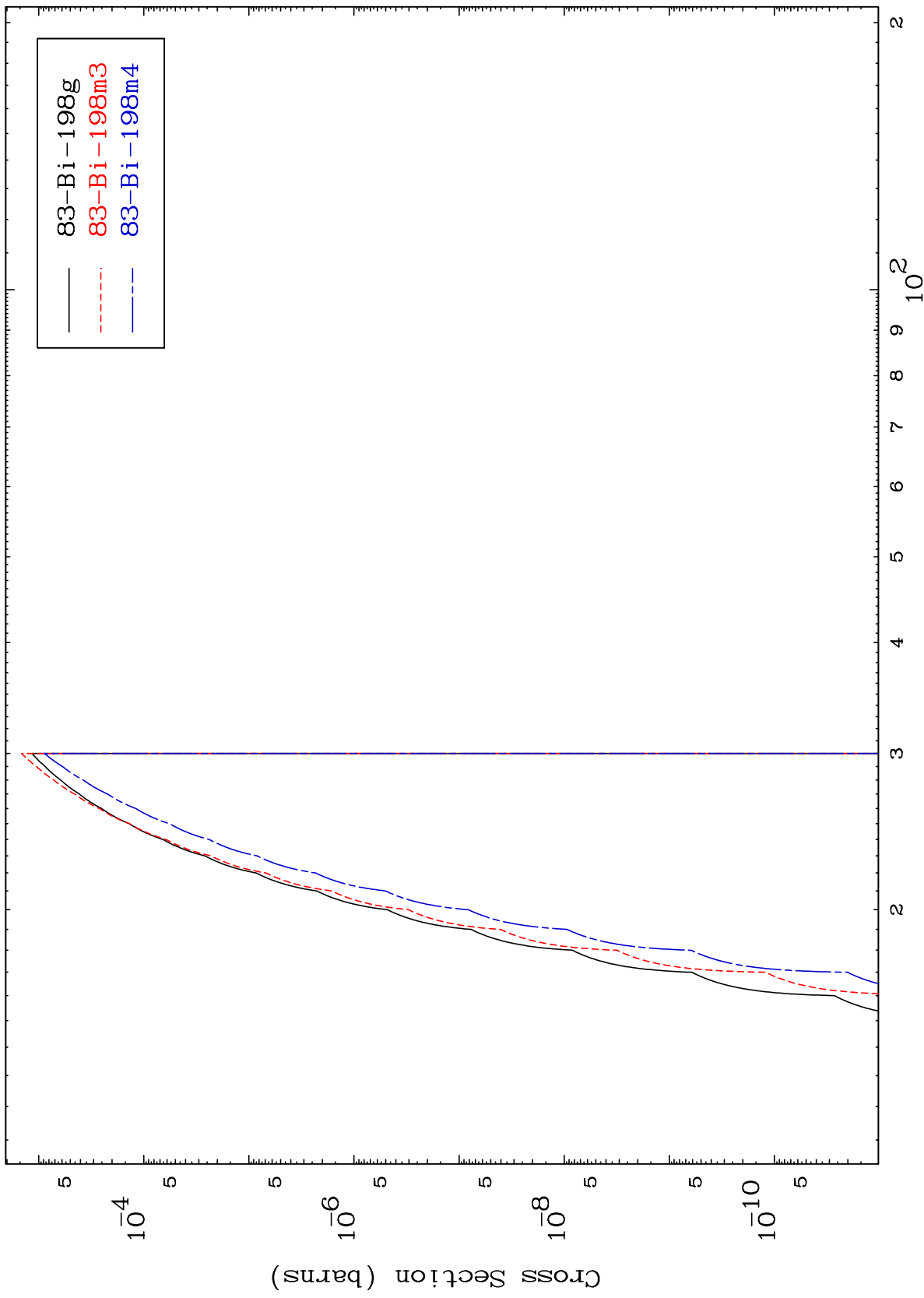
Radionuclide Production Cross Section



MAT 8407

84-Po-200

(n,n') d  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

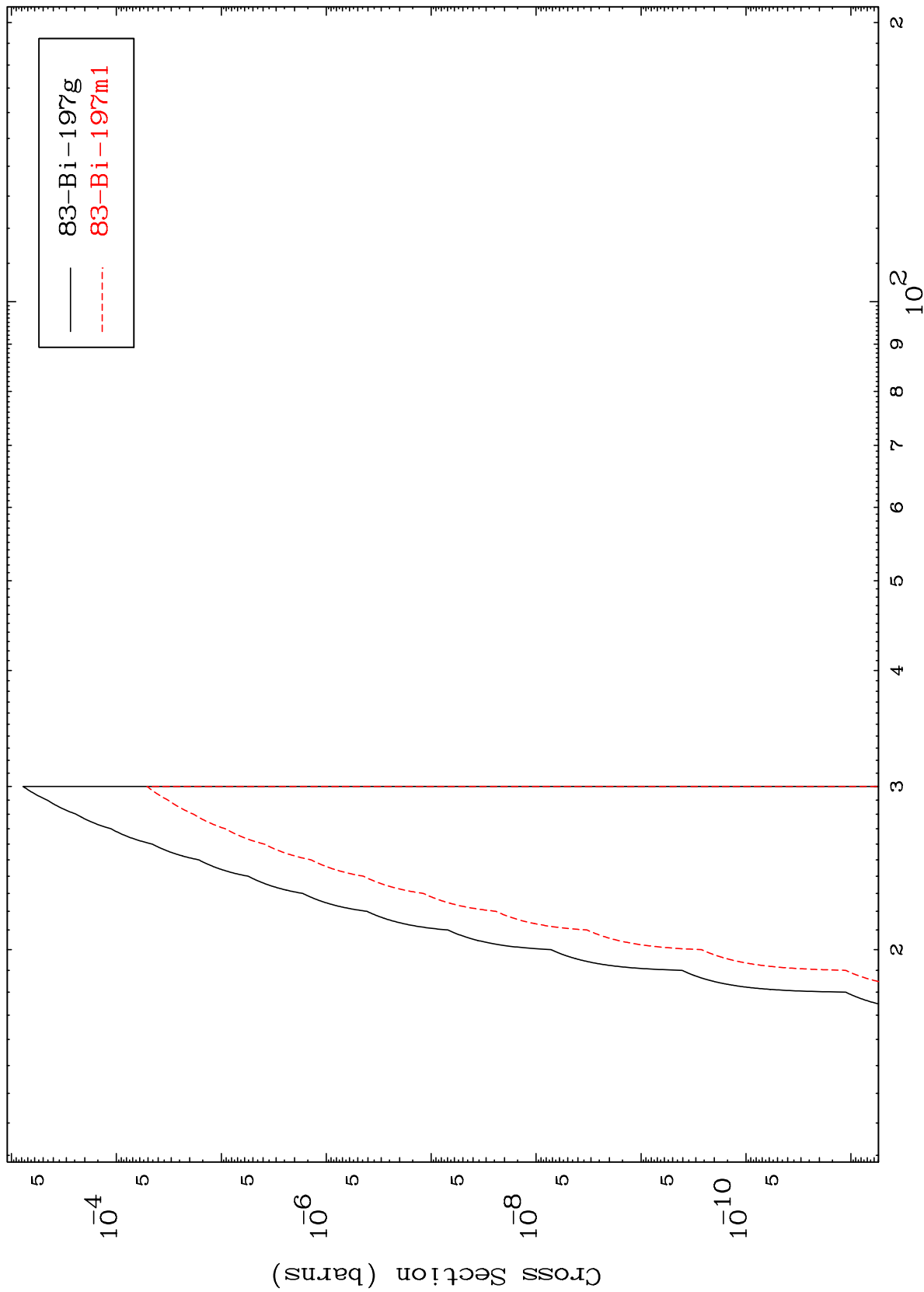
84-Po-200

MAT 8407

(n,n') t

84-Po-200

Radionuclide Production Cross Section



86

Incident Energy (MeV)

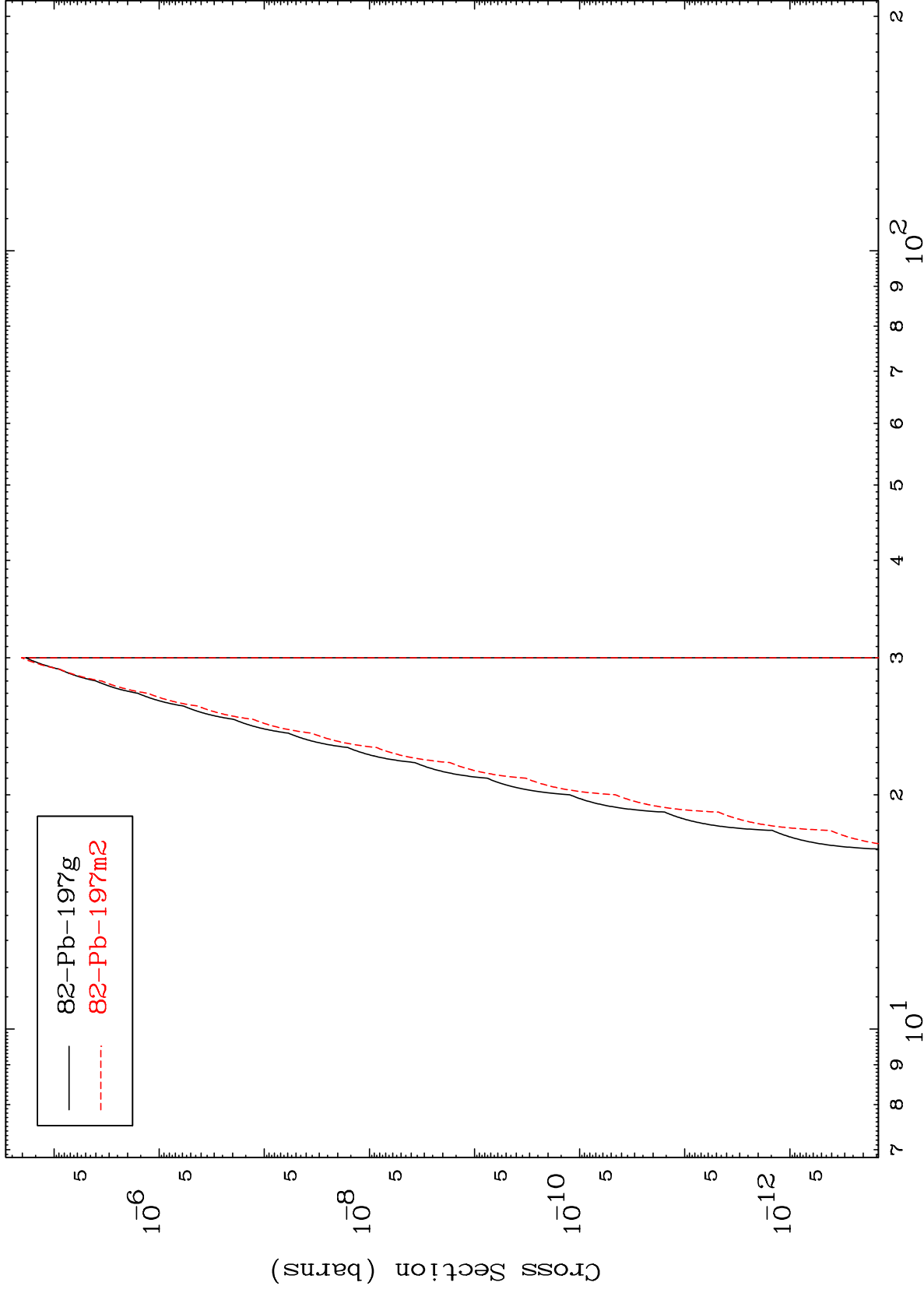
84-Po-200

MAT 8407

(n,n') He-3

84-Po-200

Radionuclide Production Cross Section



87

Incident Energy (MeV)

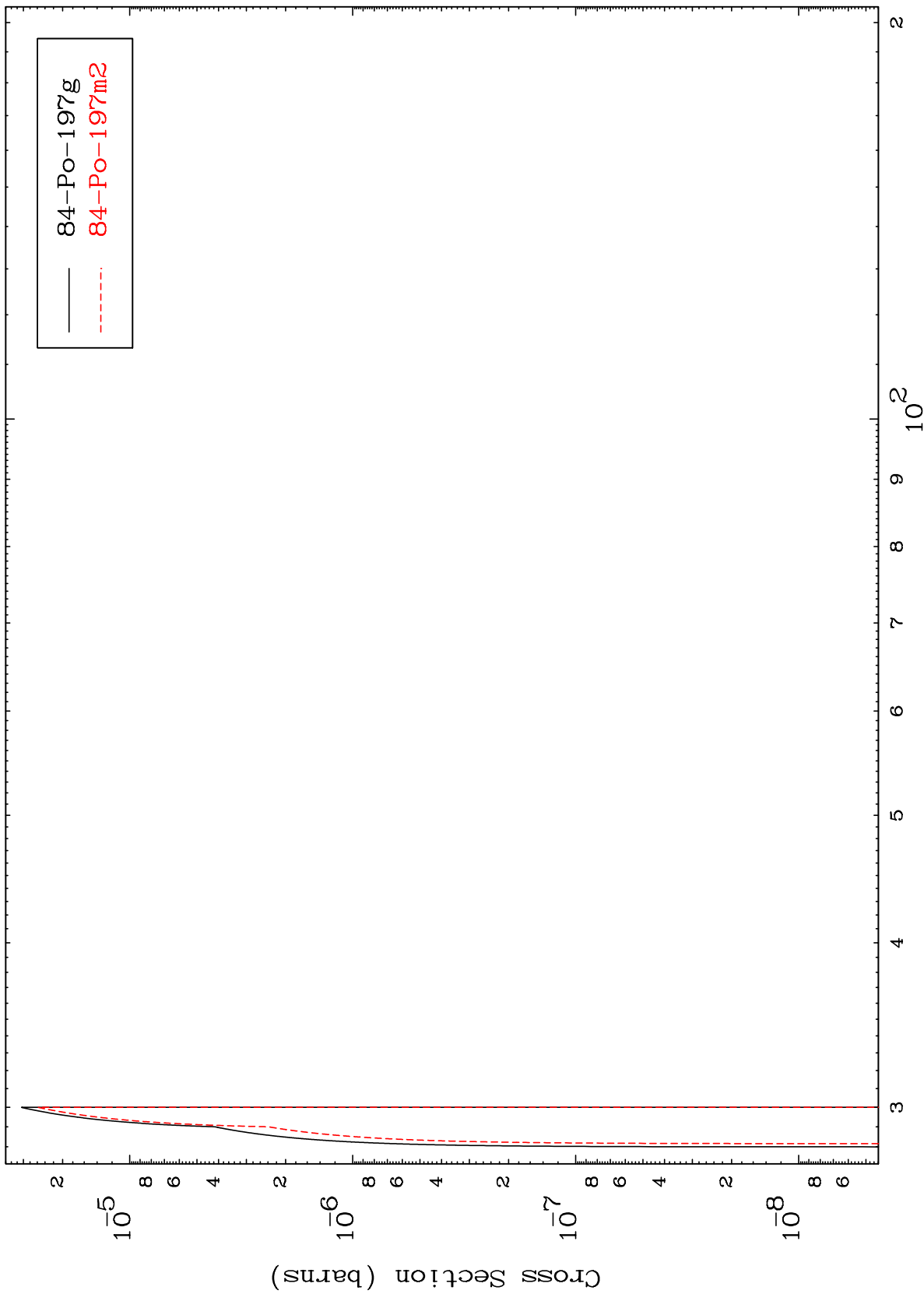
84-Po-200



MAT 8407

84-Po-200

(n,4n)  
Radionuclide Production Cross Section



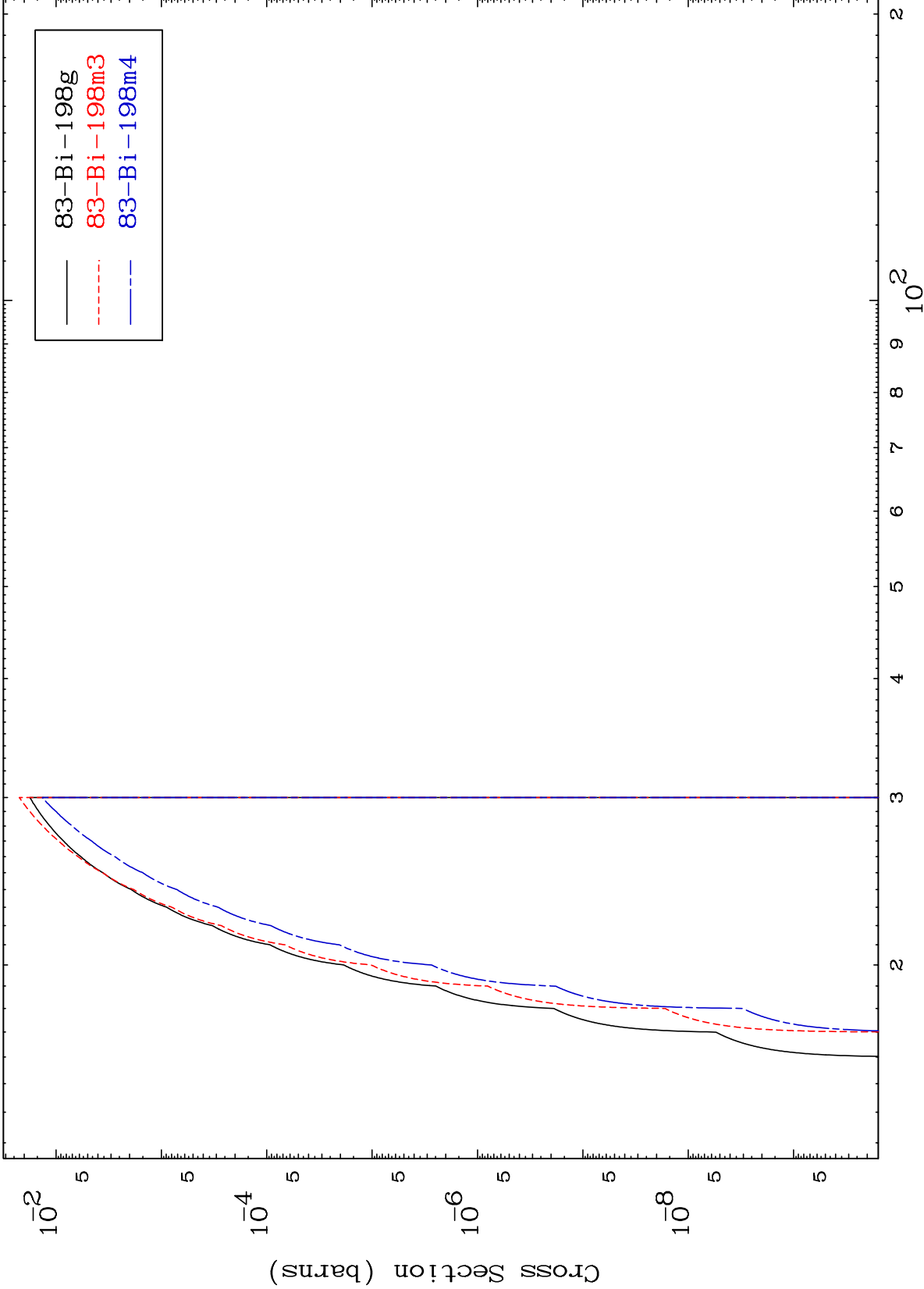
84-Po-197g  
84-Po-197m2

88

84-Po-200

Incident Energy (MeV)

Radionuclide Production Cross Section

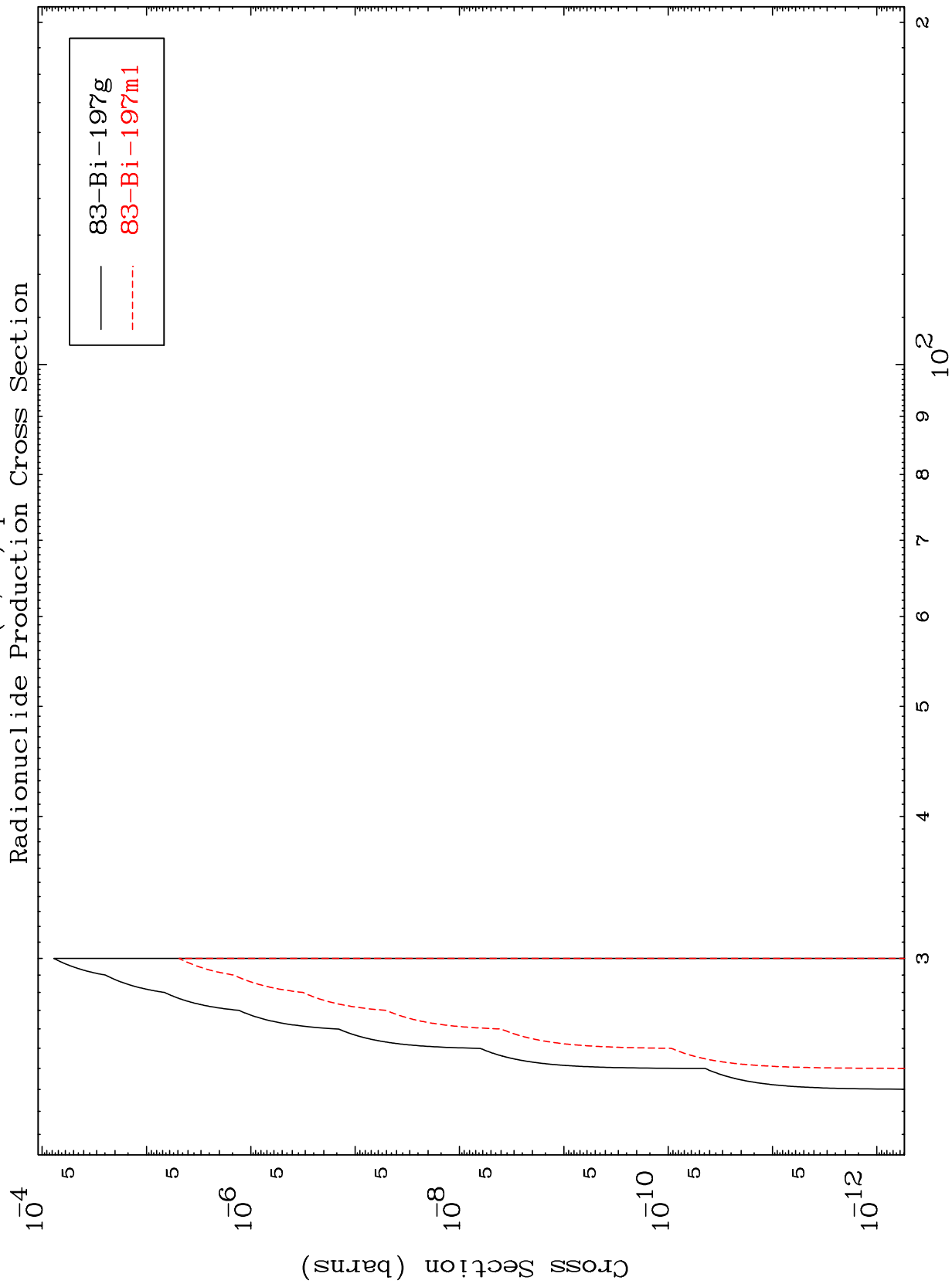


MAT 8407

(n,3n) p

84-Po-200

Radionuclide Production Cross Section



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

90

Incident Energy (MeV)

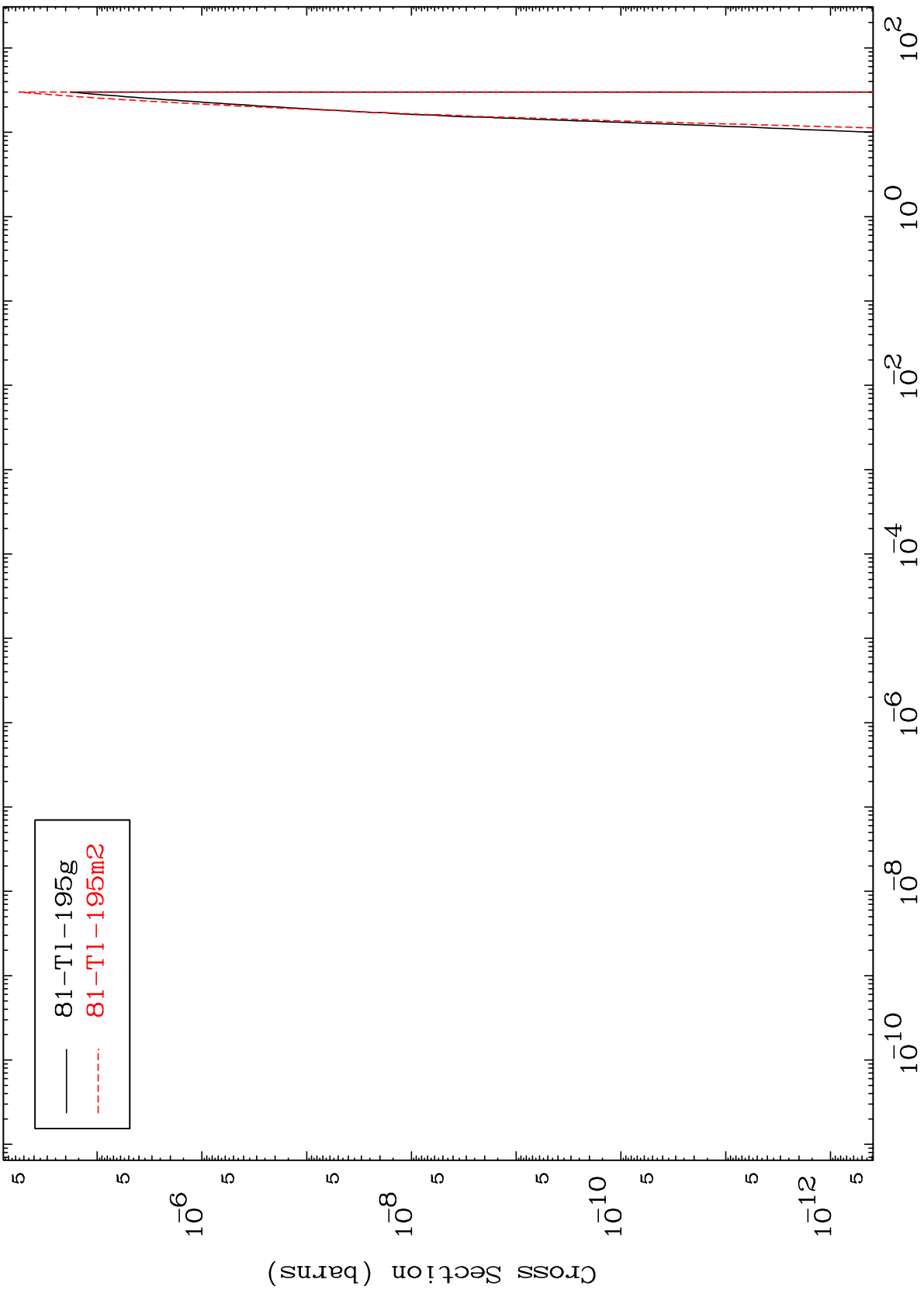
84-Po-200

MAT 8407

(n,n') p  $\alpha$

84-Po-200

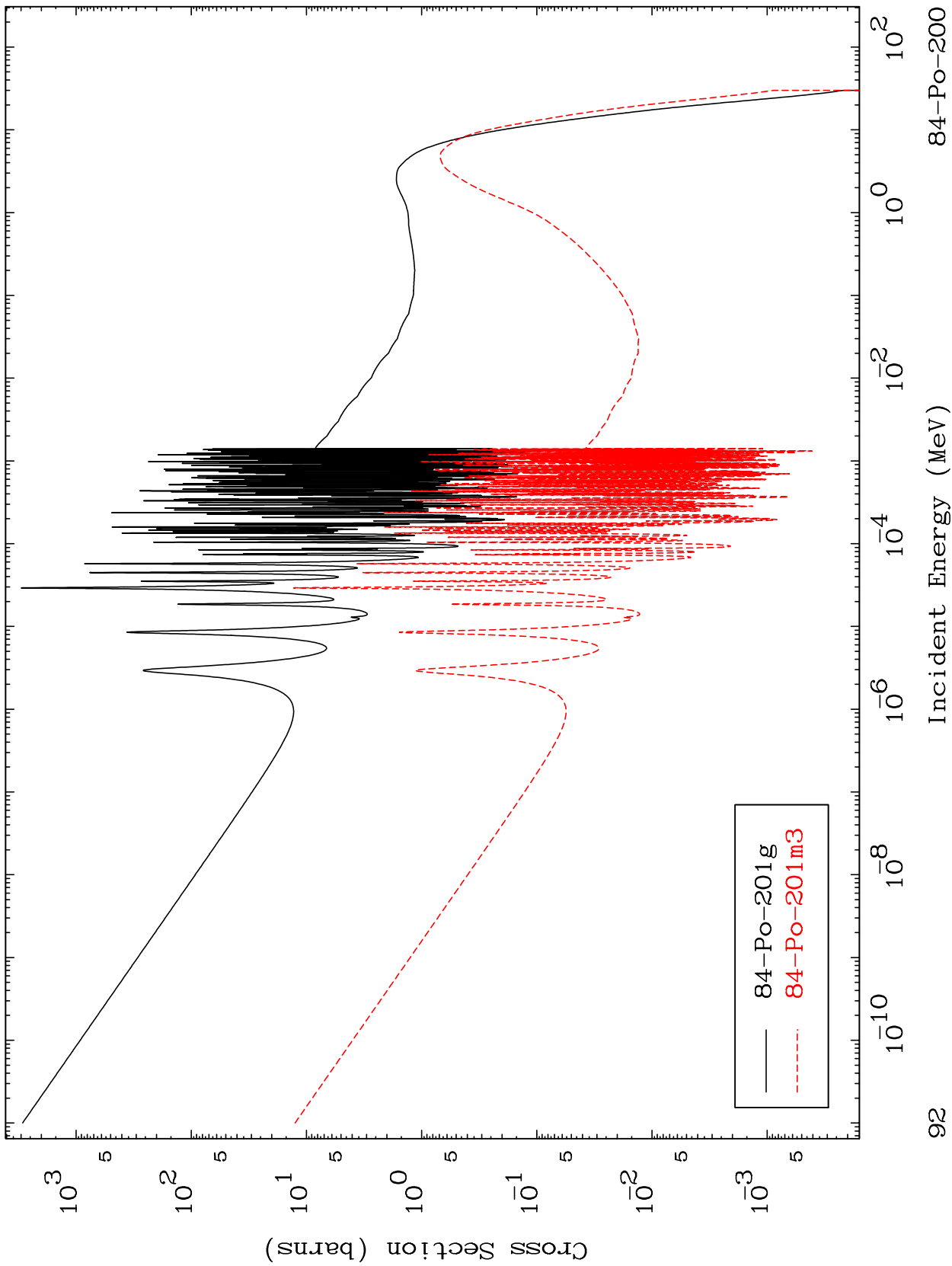
Radionuclide Production Cross Section



MAT 8407

84-Po-200

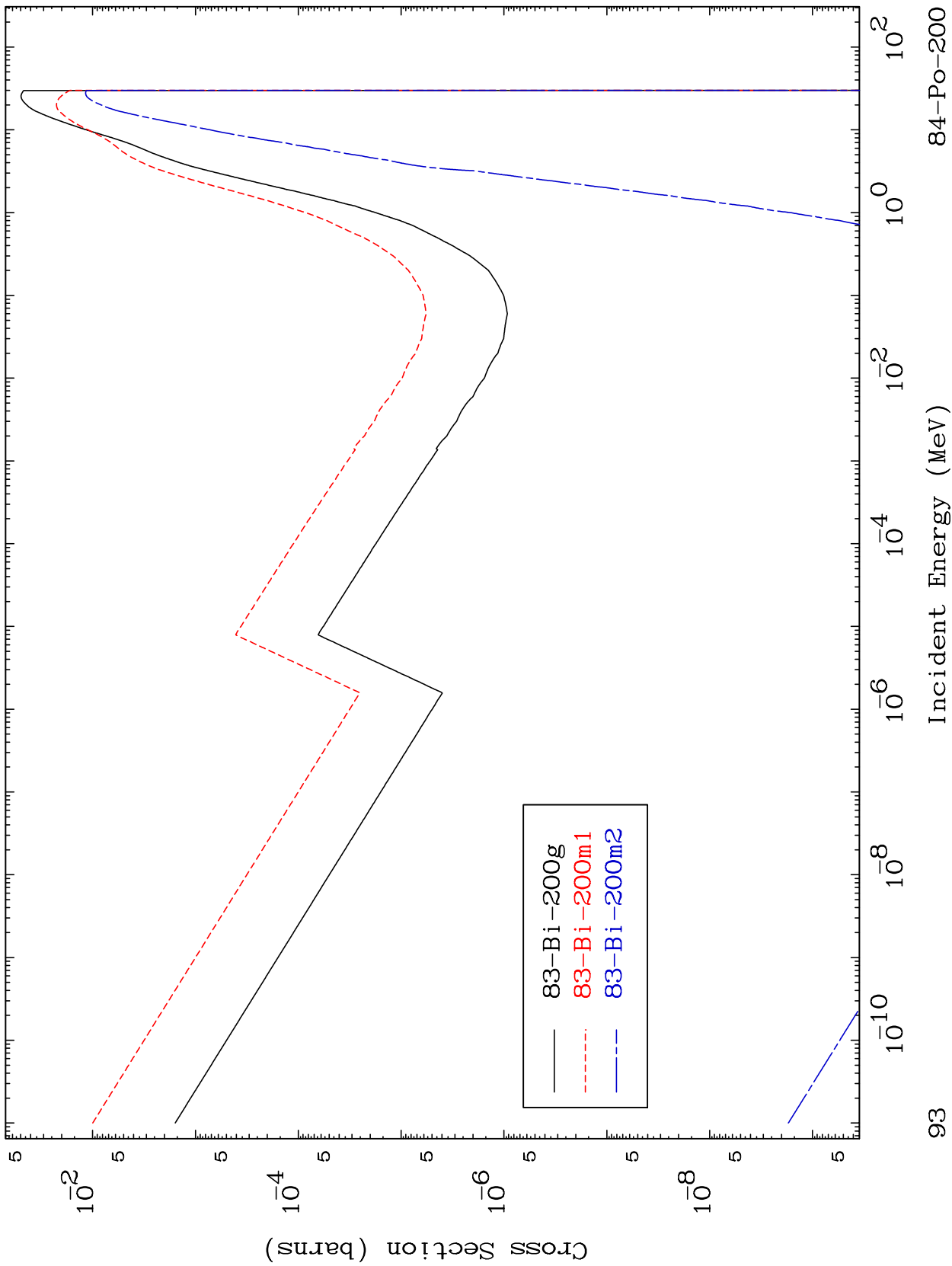
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8407

84-Po-200

(n,p)  
Radionuclide Production Cross Section



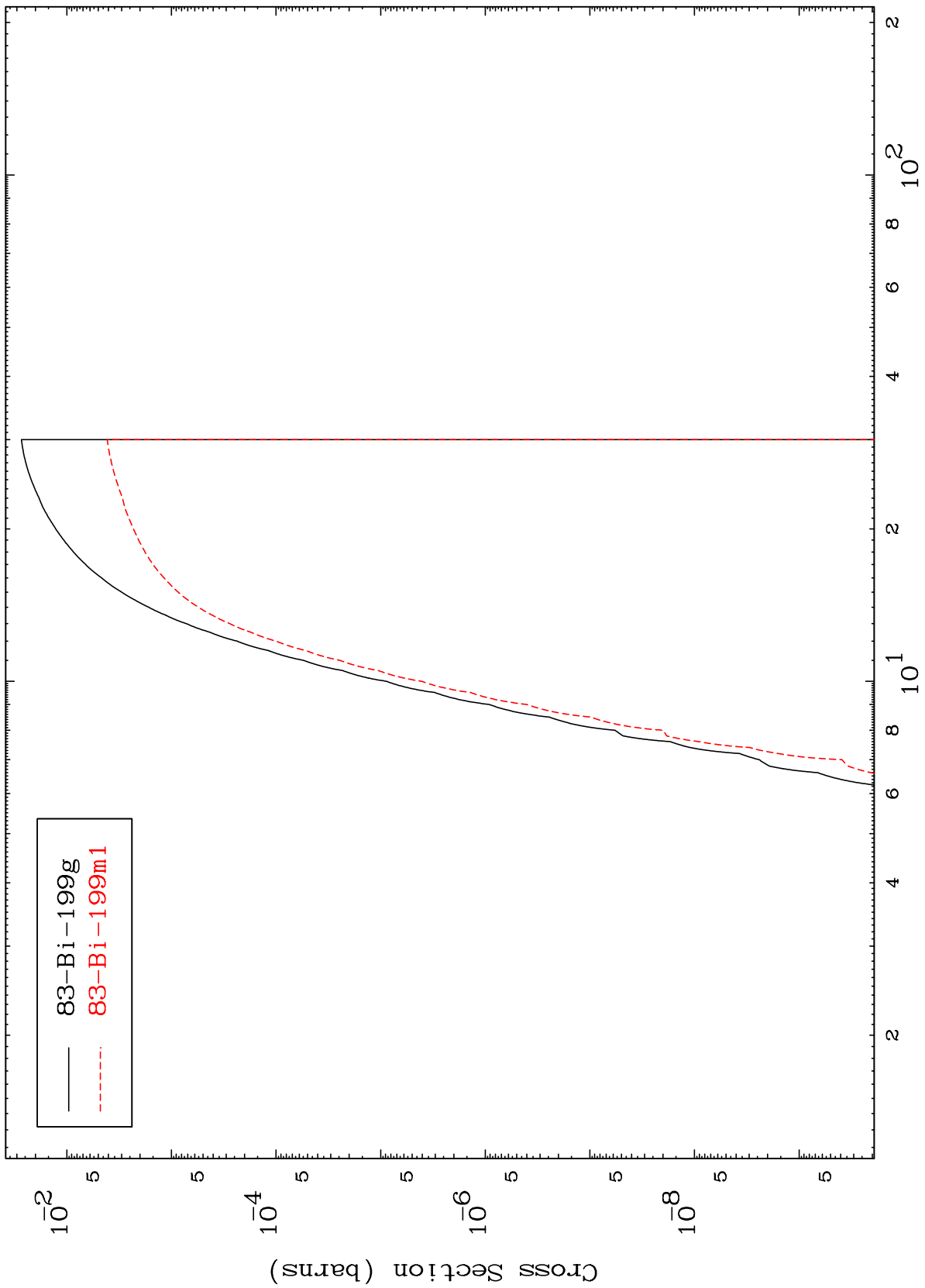
93

84-Po-200

MAT 8407

84-Po-200

(n,d)  
Radionuclide Production Cross Section



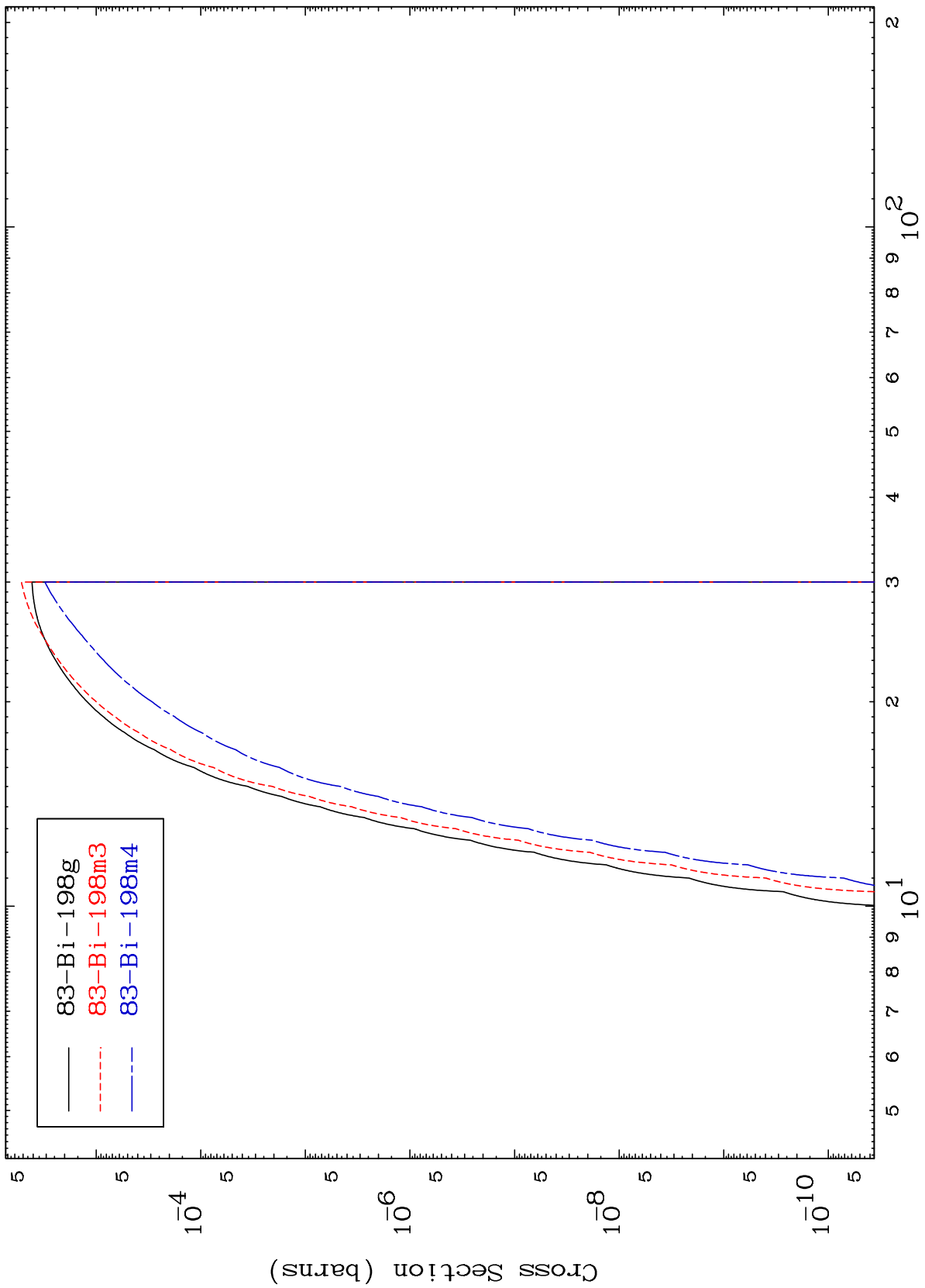
— 83-Bi-199g  
- - - 83-Bi-199m1

94

84-Po-200

Incident Energy (MeV)

Radionuclide Production Cross Section (n,t)

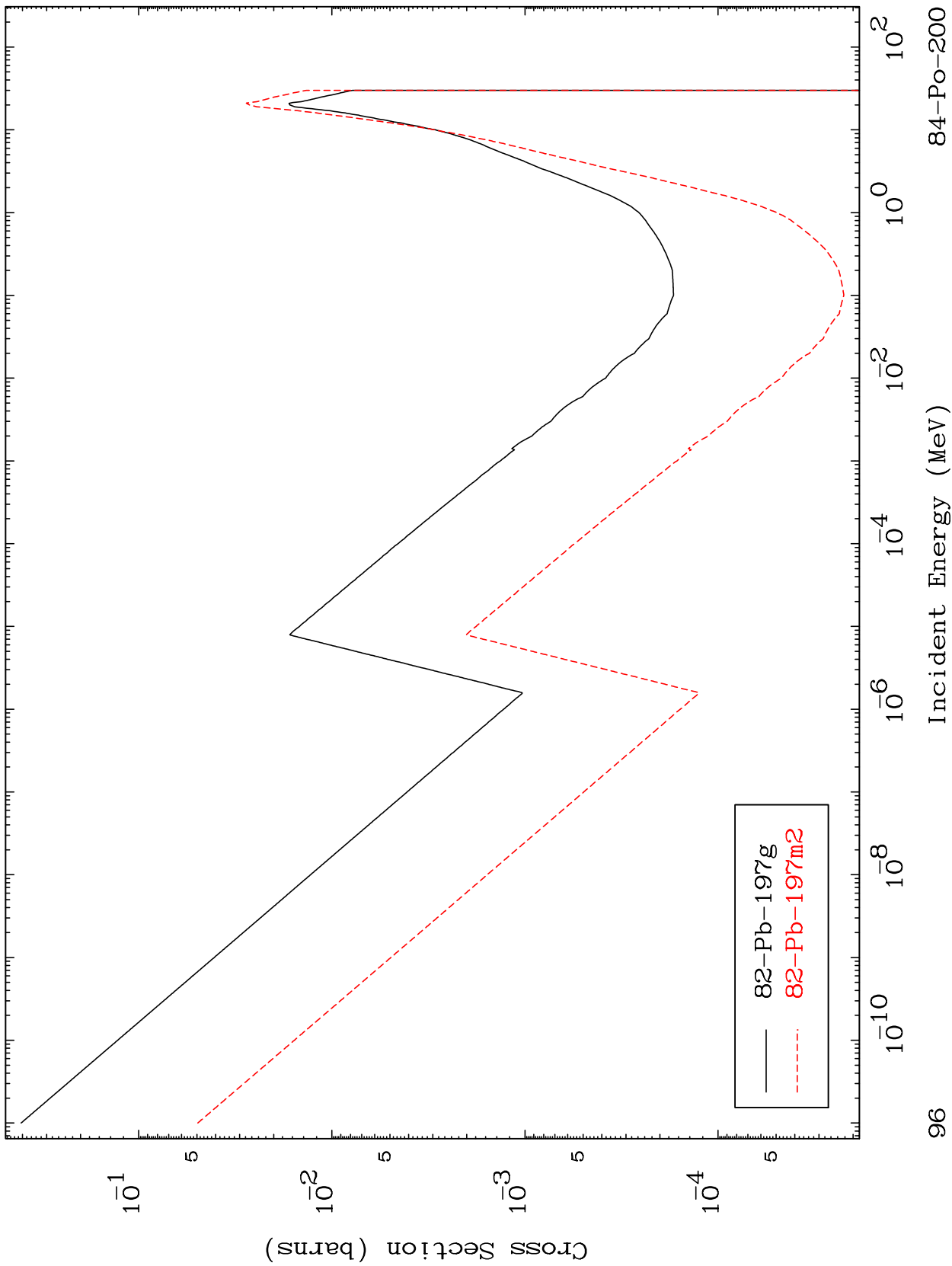




MAT 8407

84-Po-200

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



96

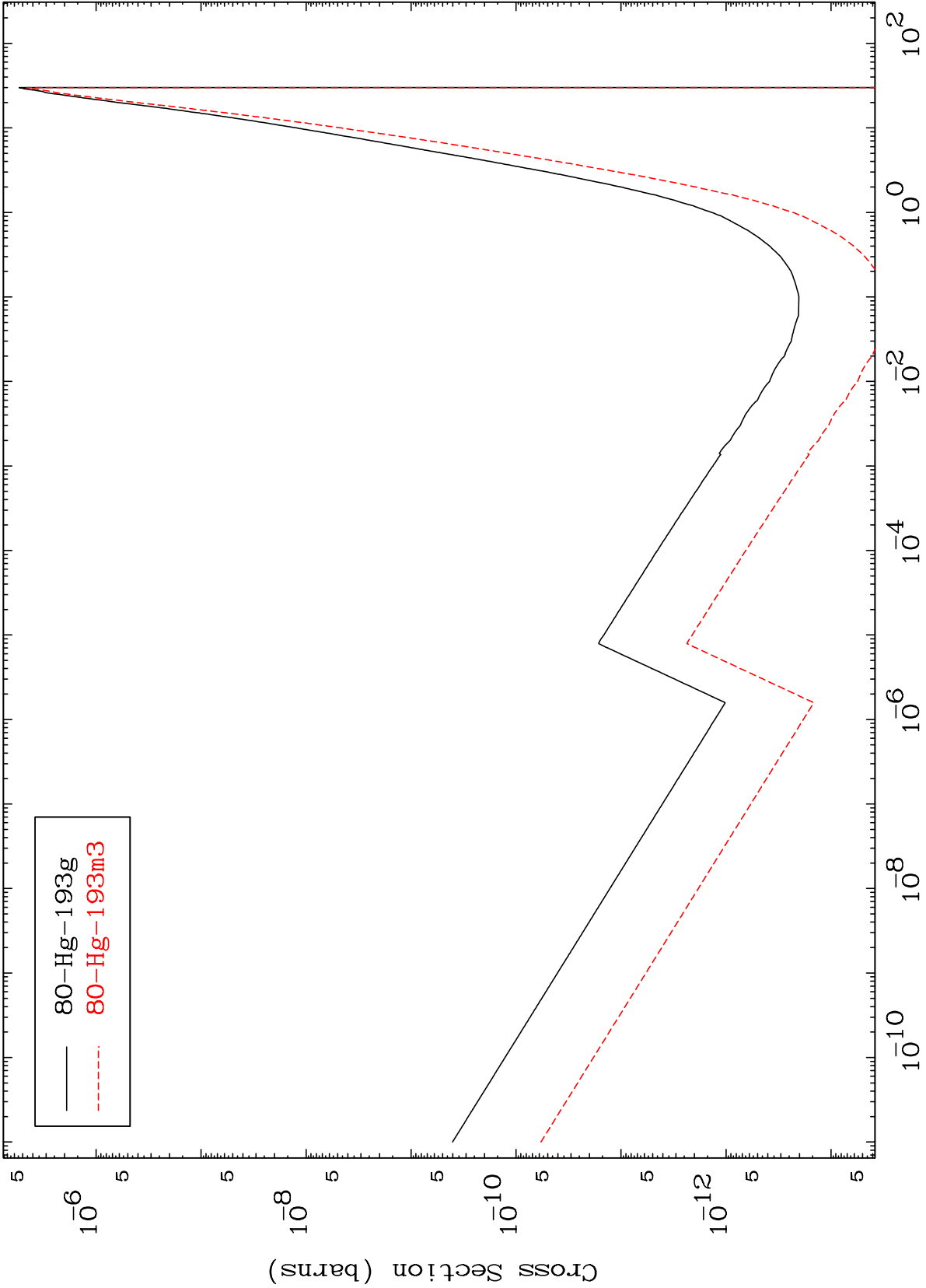
84-Po-200

MAT 8407

(n,2α)

84-Po-200

Radionuclide Production Cross Section



97

Incident Energy (MeV)

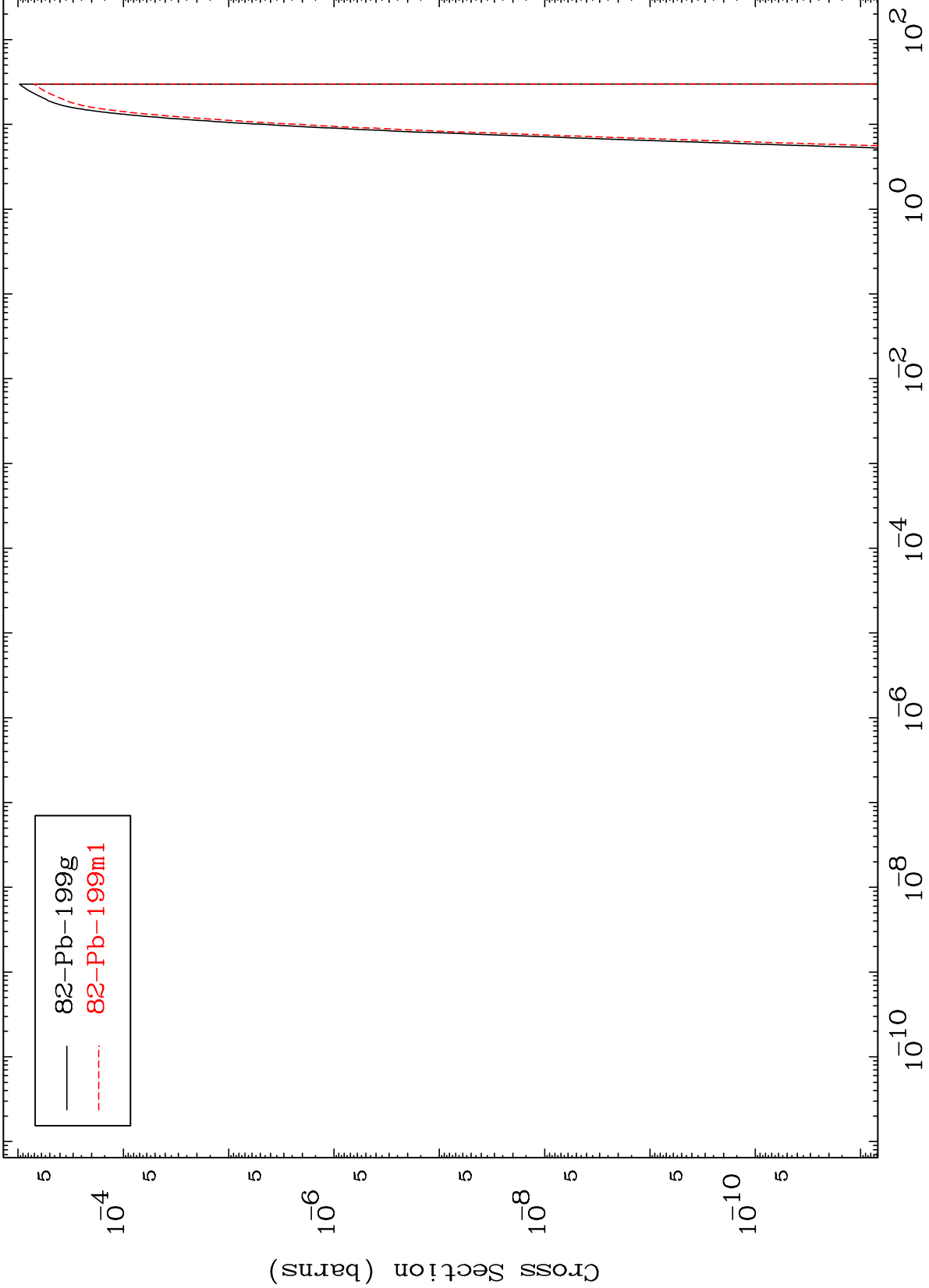
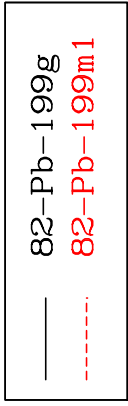
84-Po-200

MAT 8407

(n,2p)

84-Po-200

Radionuclide Production Cross Section



98

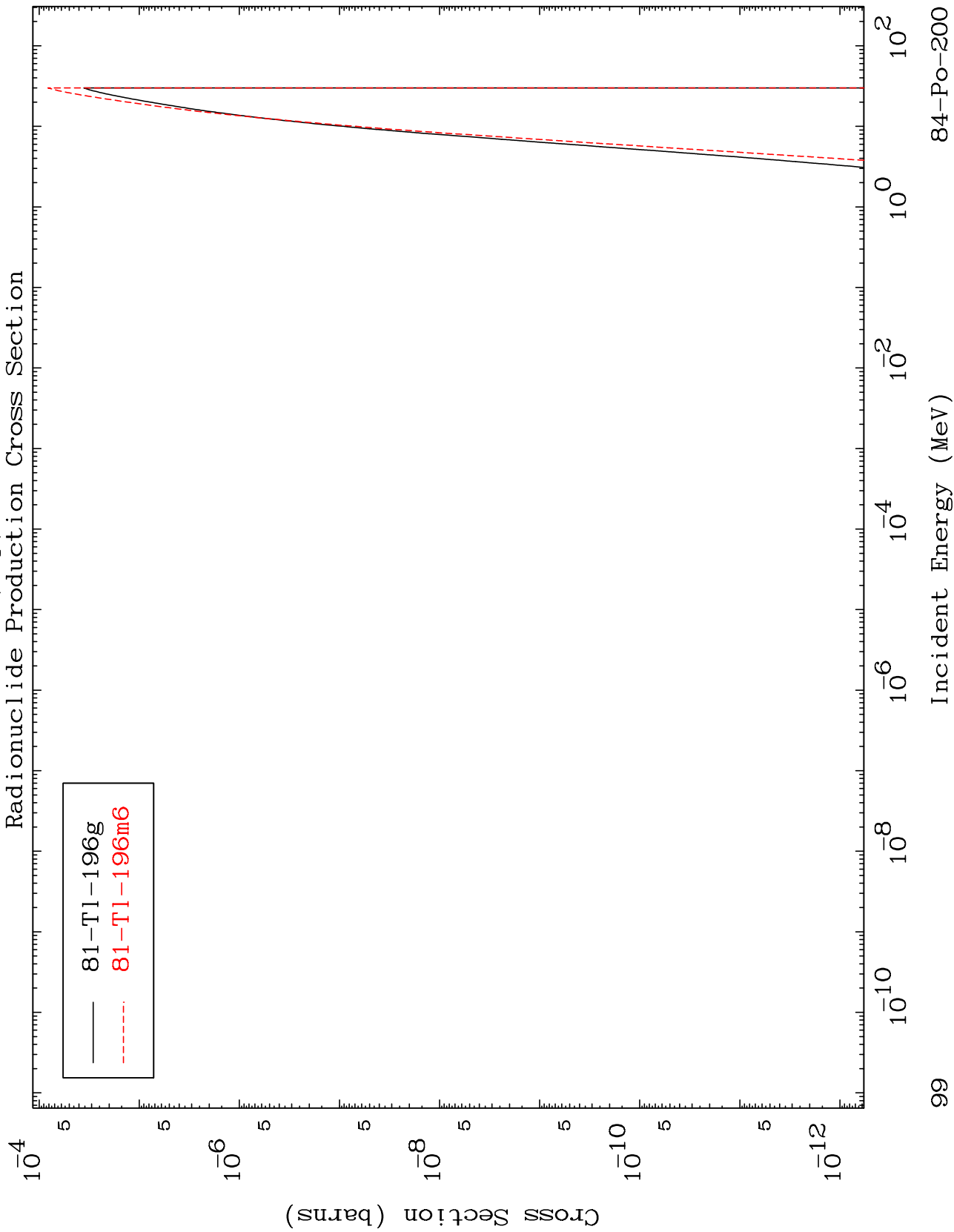
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p)  $\alpha$

84-Po-200

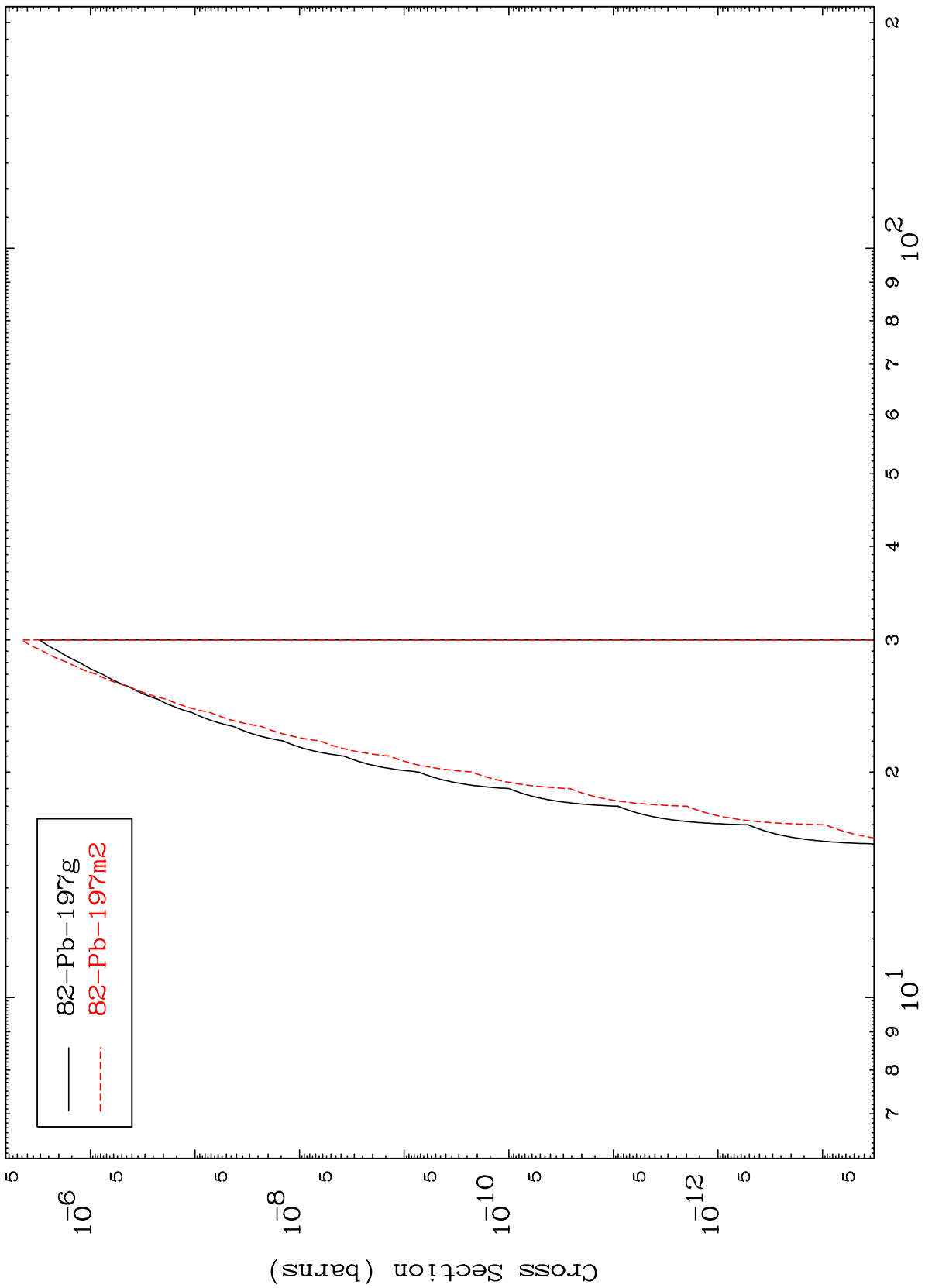


MAT 8407

(n,p) t

84-Po-200

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

100

Incident Energy (MeV)

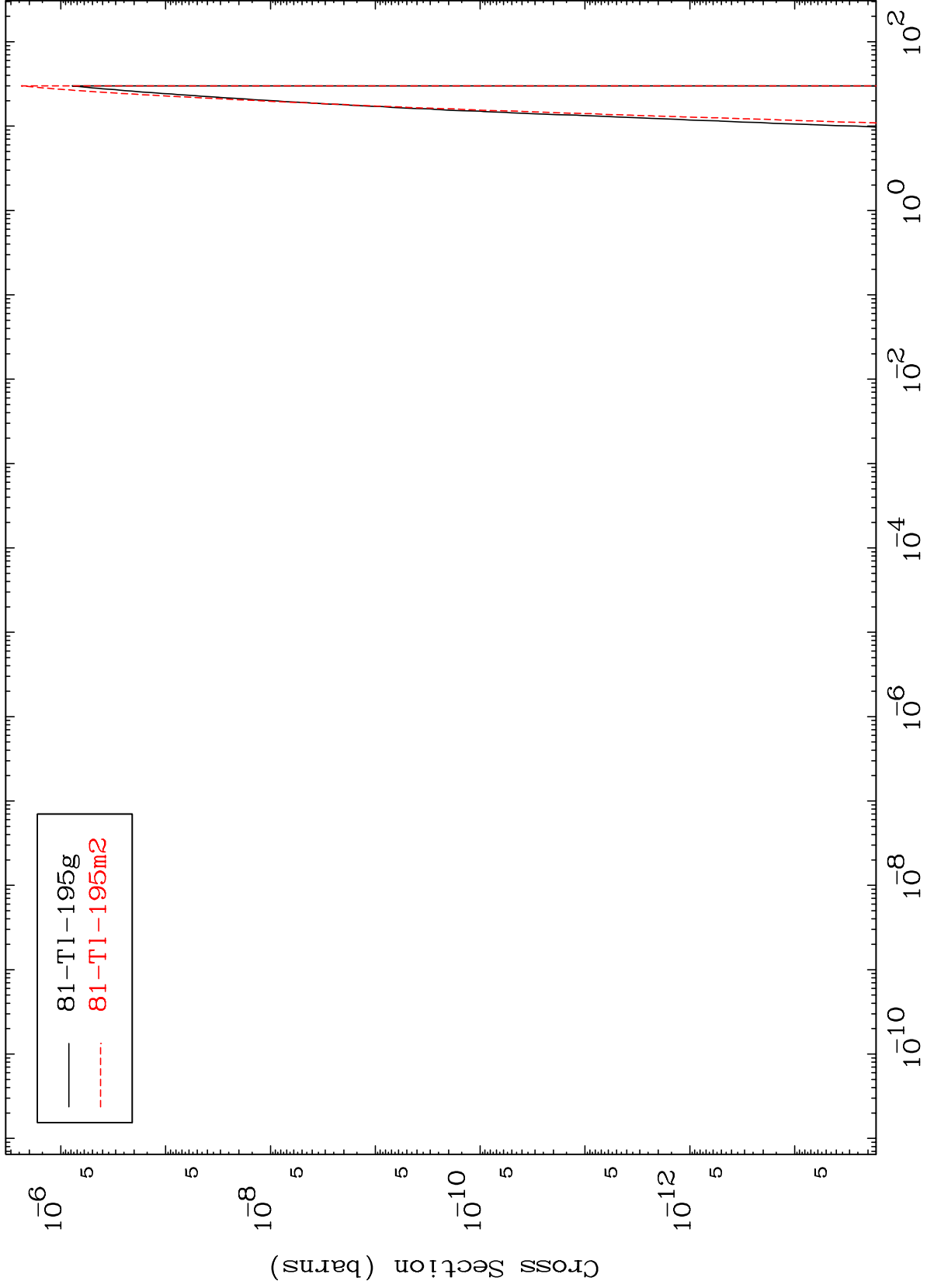
84-Po-200

MAT 8407

(n,d)  $\alpha$

84-Po-200

Radionuclide Production Cross Section



101

Incident Energy (MeV)

84-Po-200