

Program EVALPLOT  
(Version 2015-2)

by

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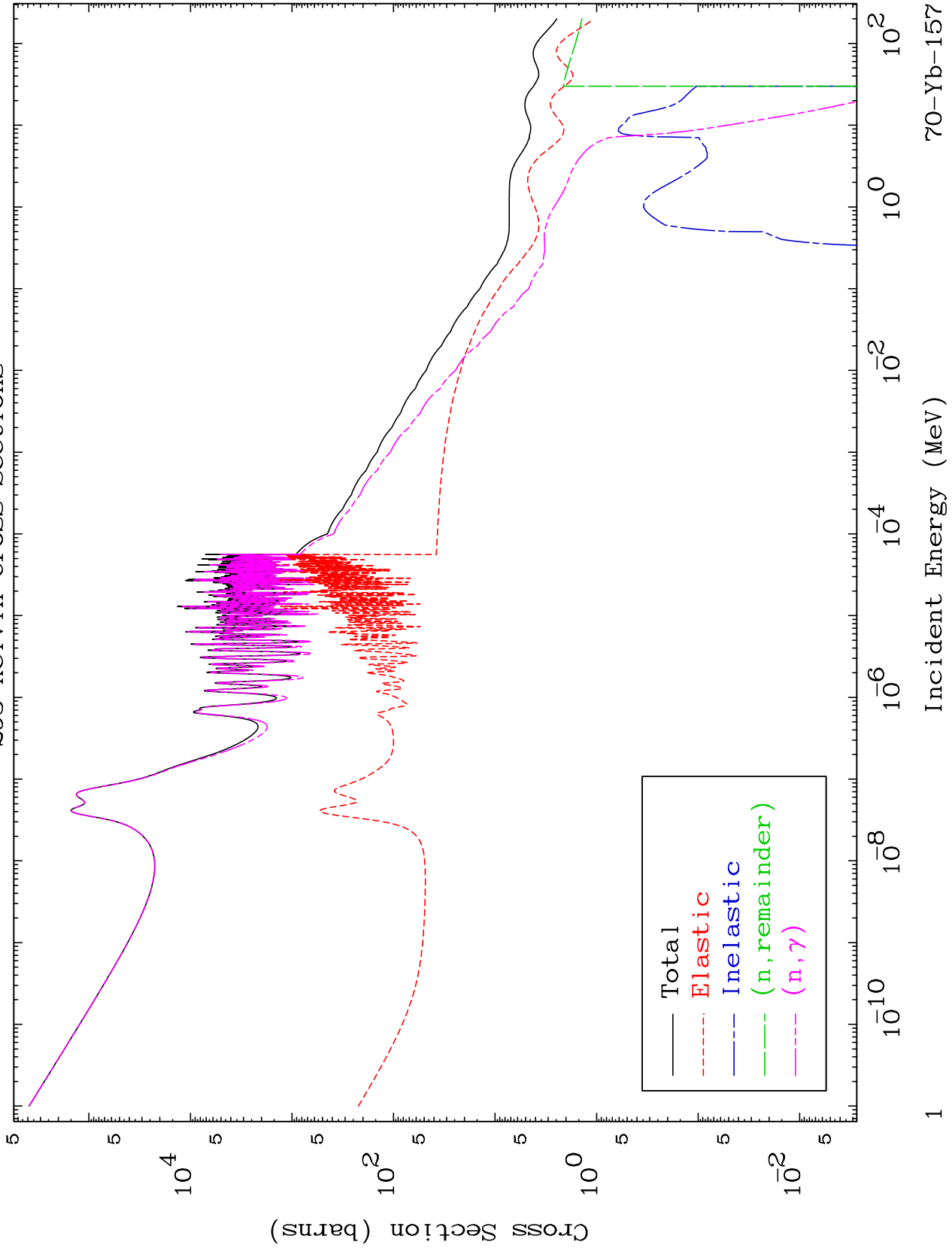
Press Mouse Button to Start

MAT 6992

Major

293 Kelvin Cross Sections

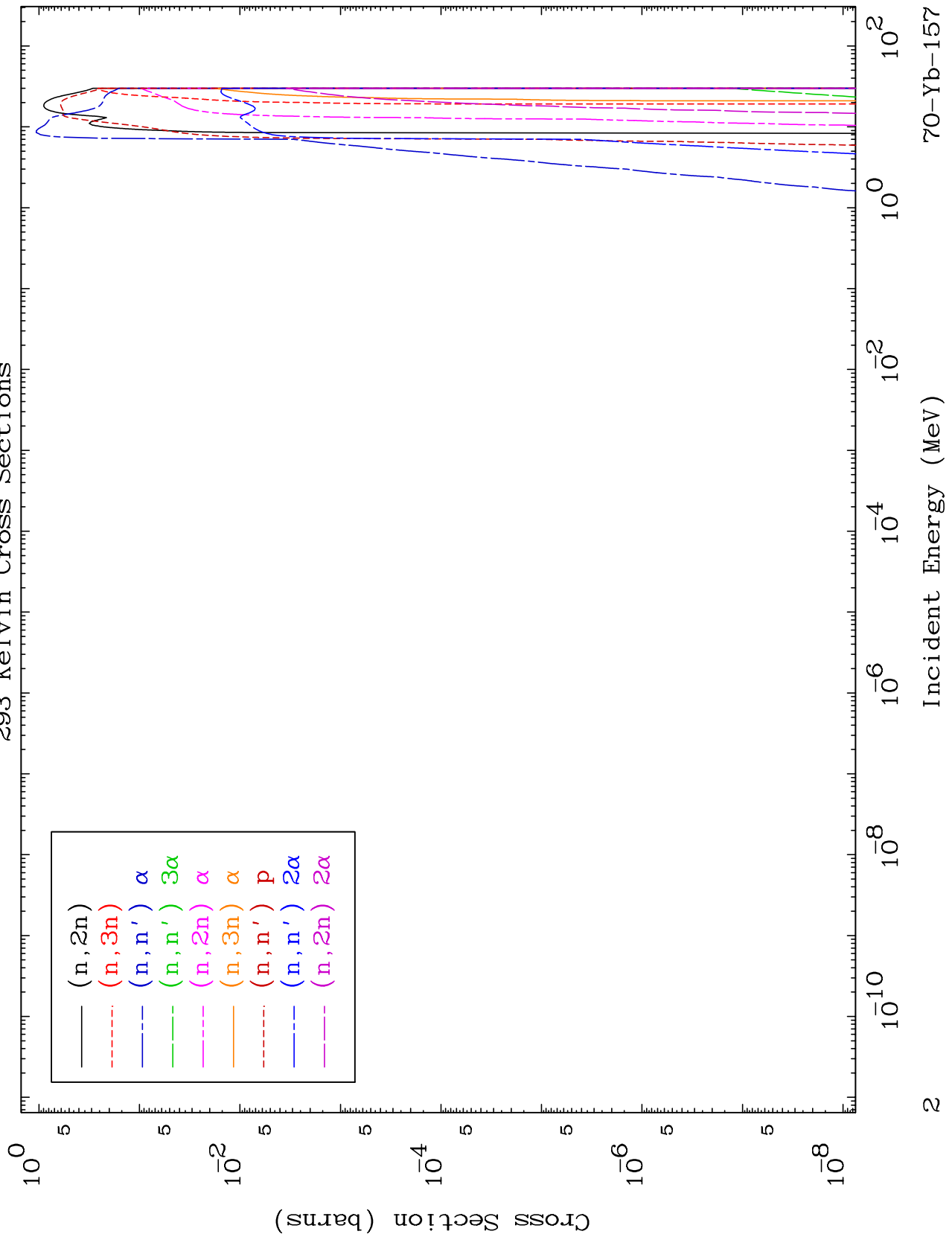
70-Yb-157

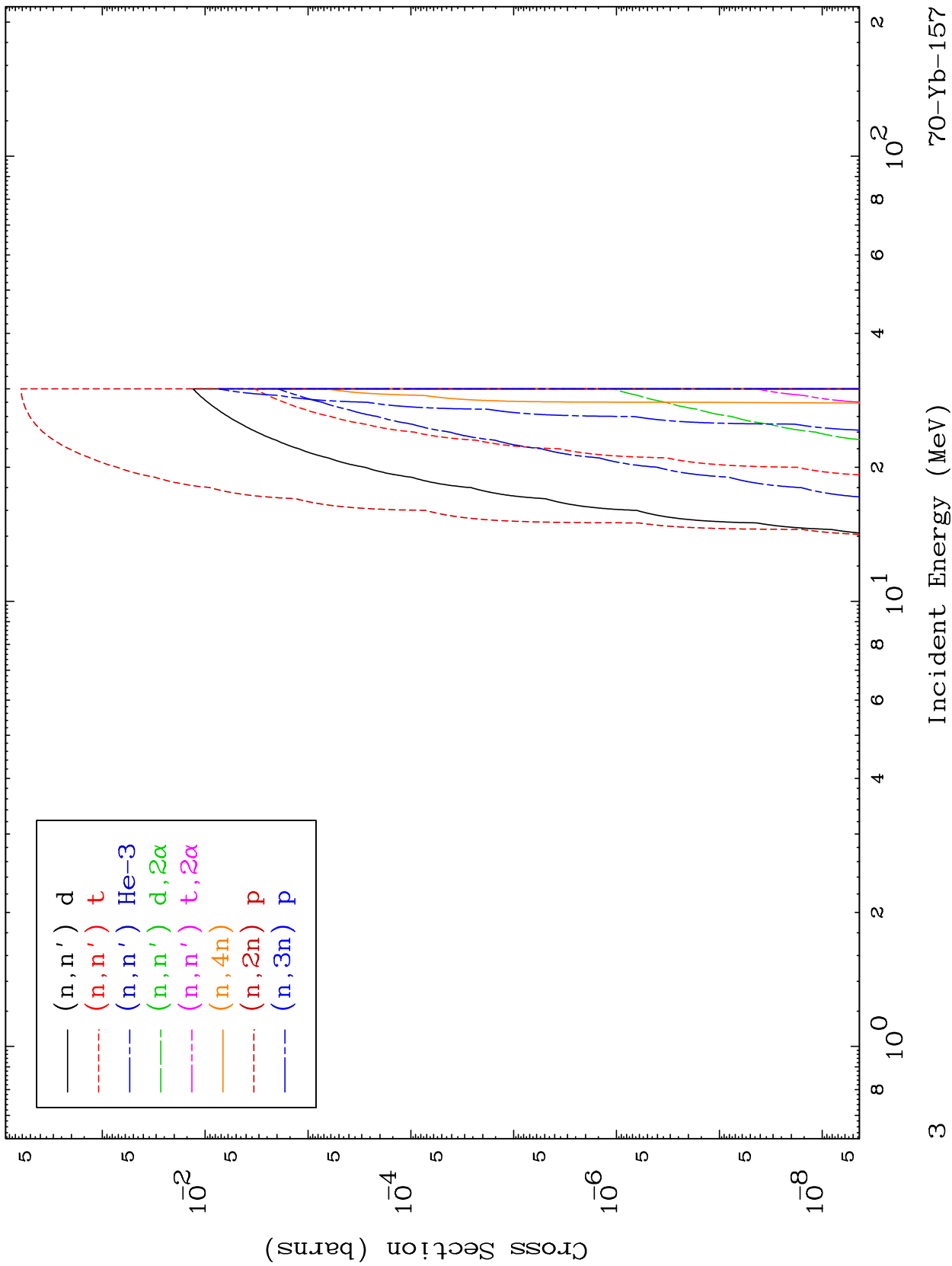


MAT 6992

Neutron Production  
293 Kelvin Cross Sections

70-Yb-157

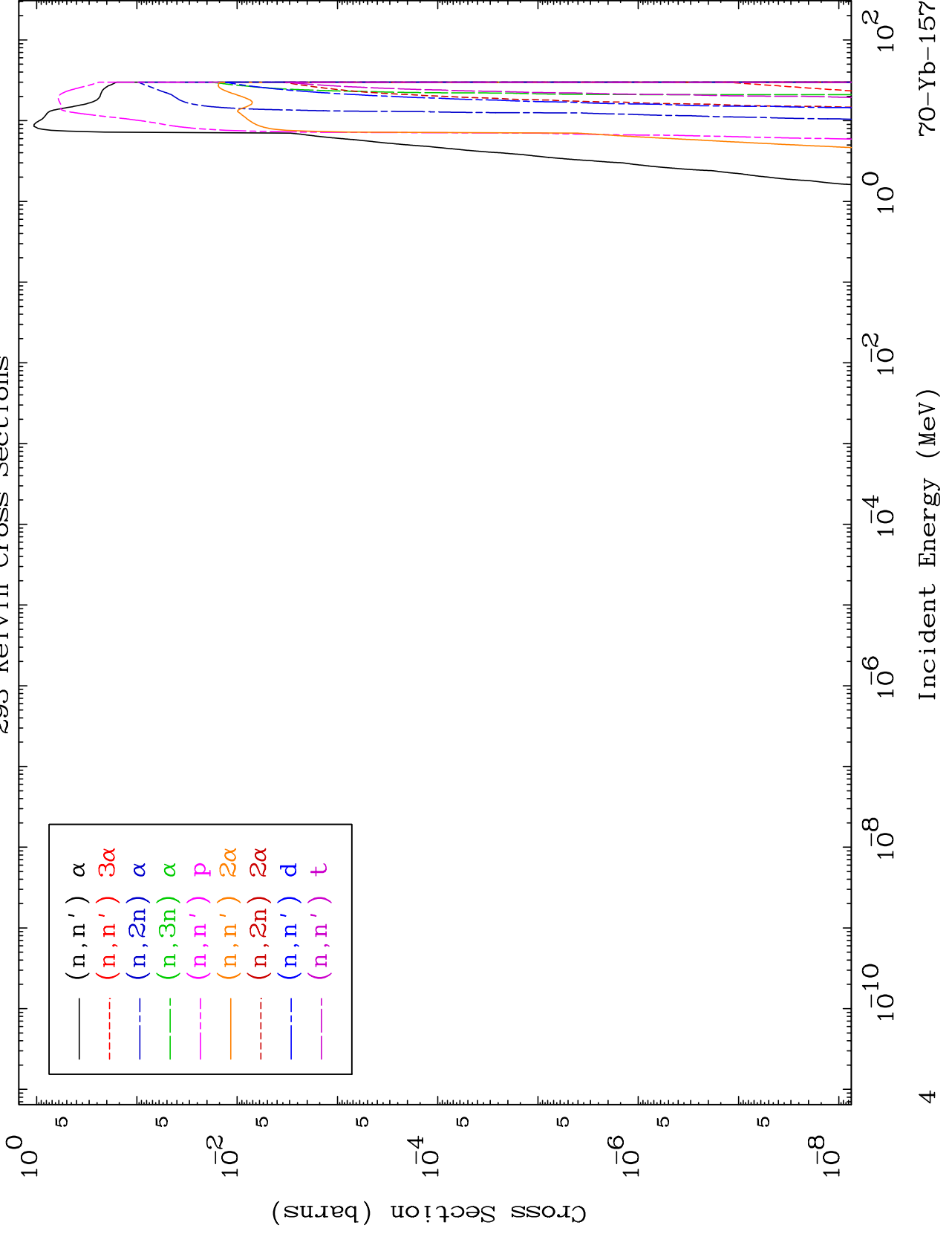




MAT 6992

Charged Particle  
293 Kelvin Cross Sections

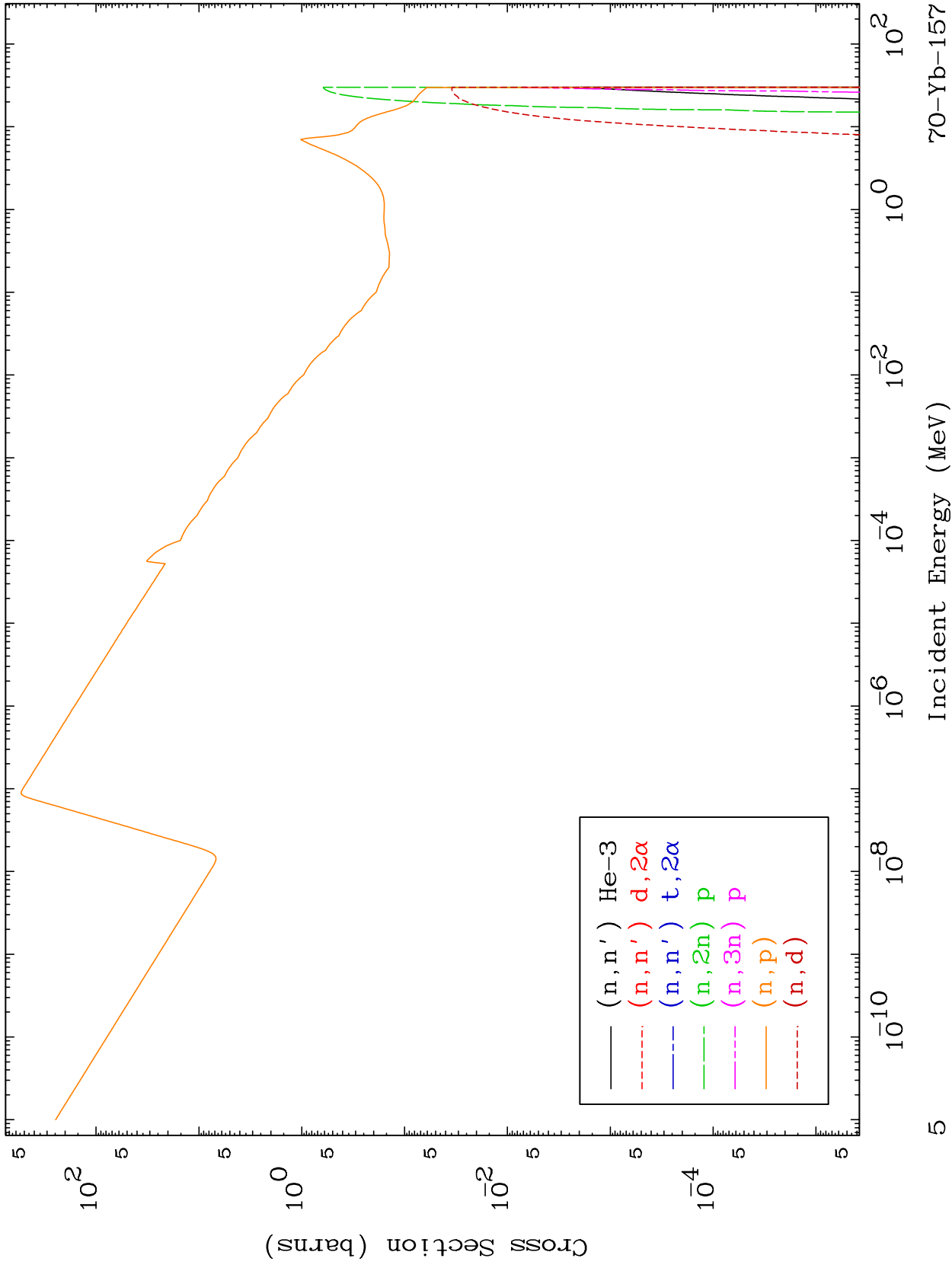
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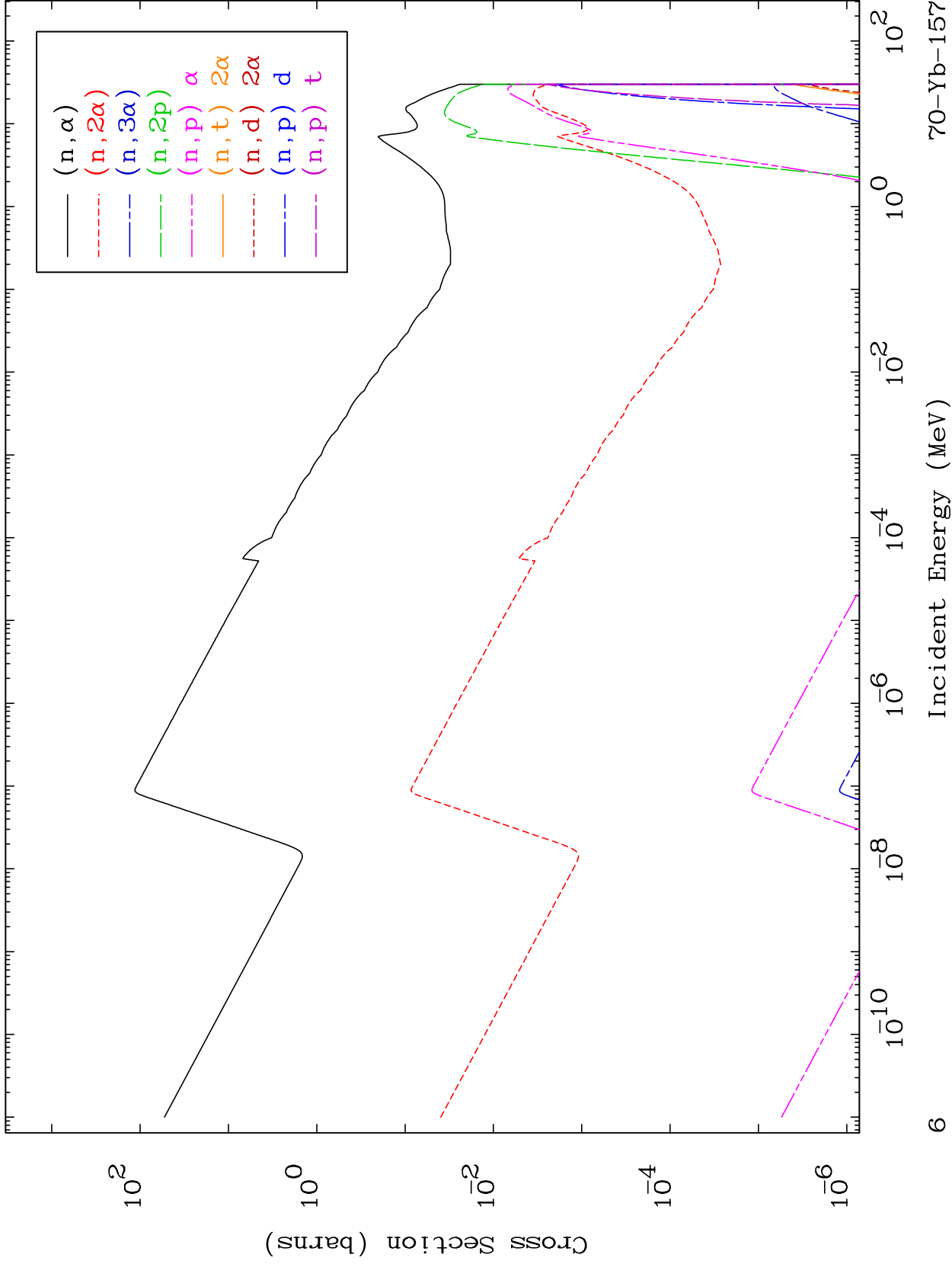


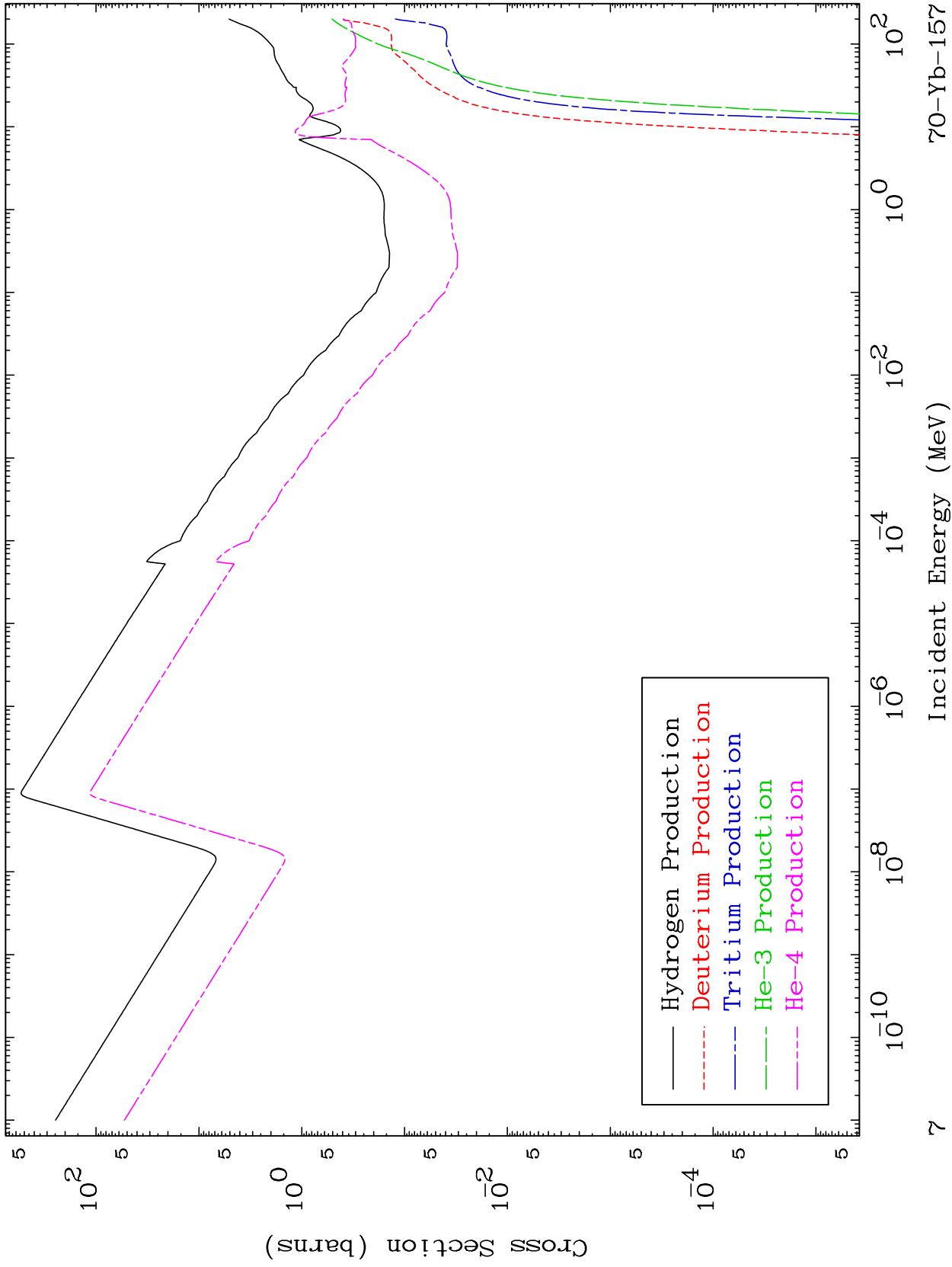
MAT 6992

Charged Particle  
293 Kelvin Cross Sections

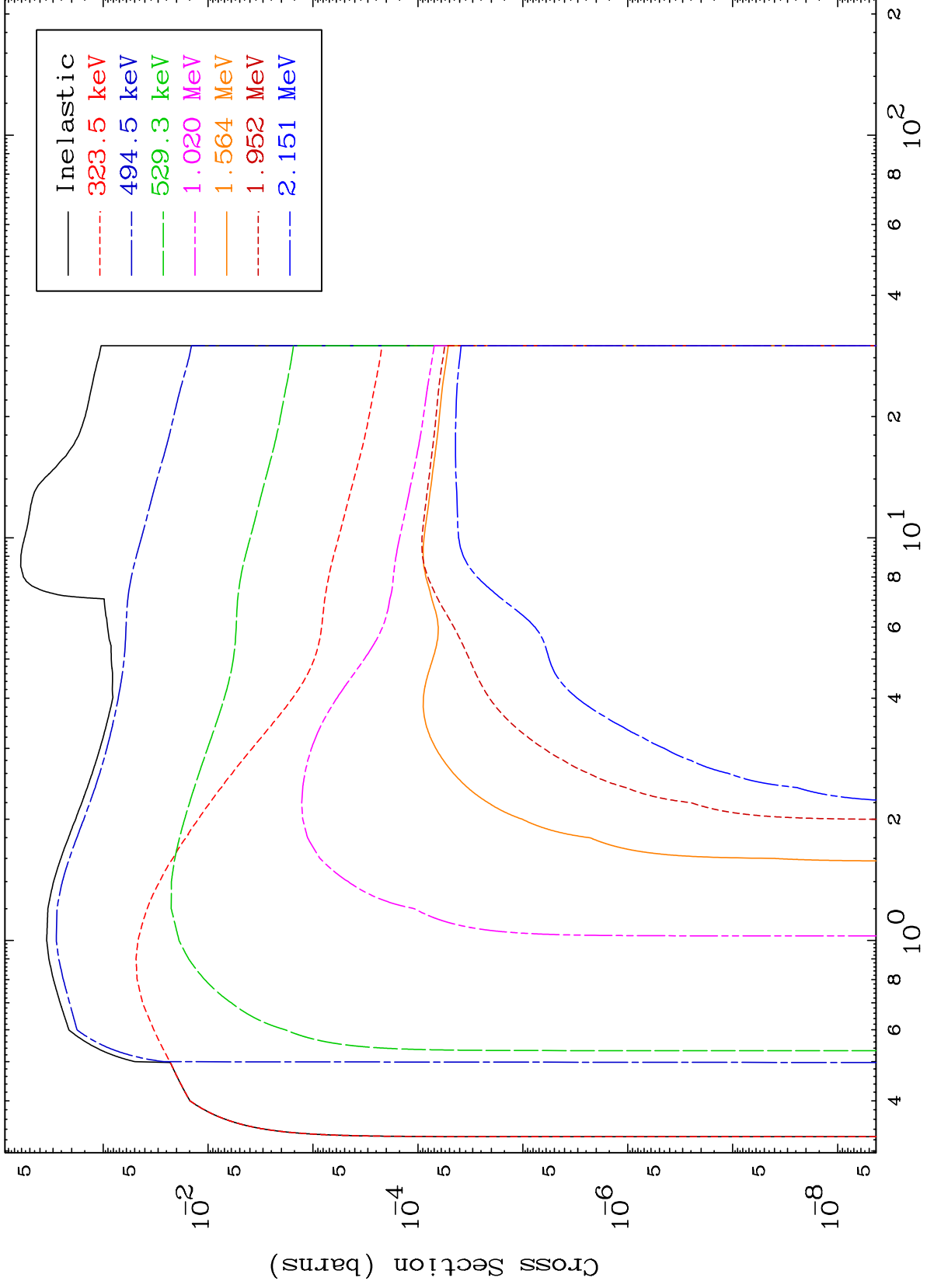
70-Yb-157

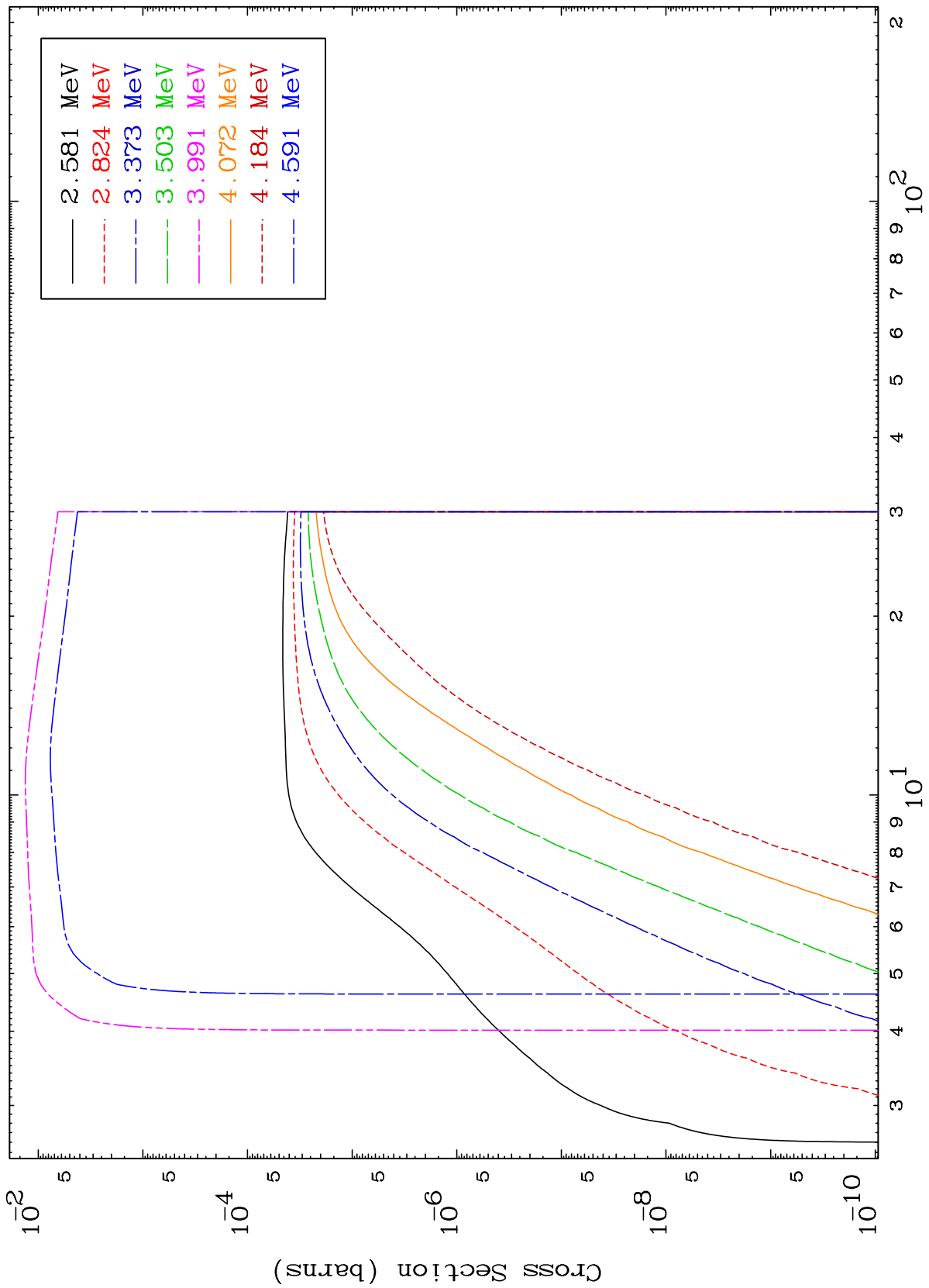










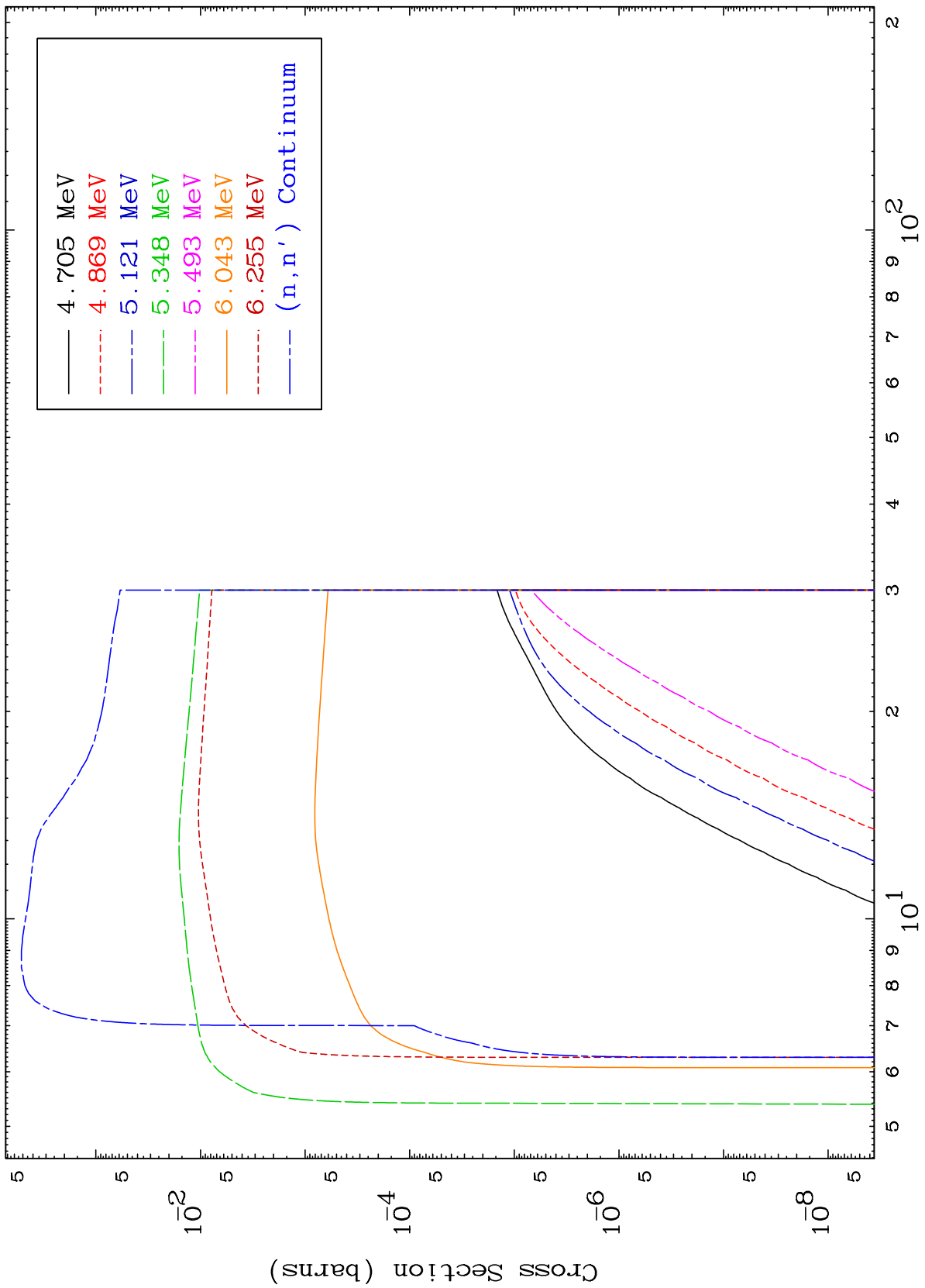


MAT 6992

(n,n') Level

70-Yb-157

293 Kelvin Cross Sections



Incident Energy (MeV)

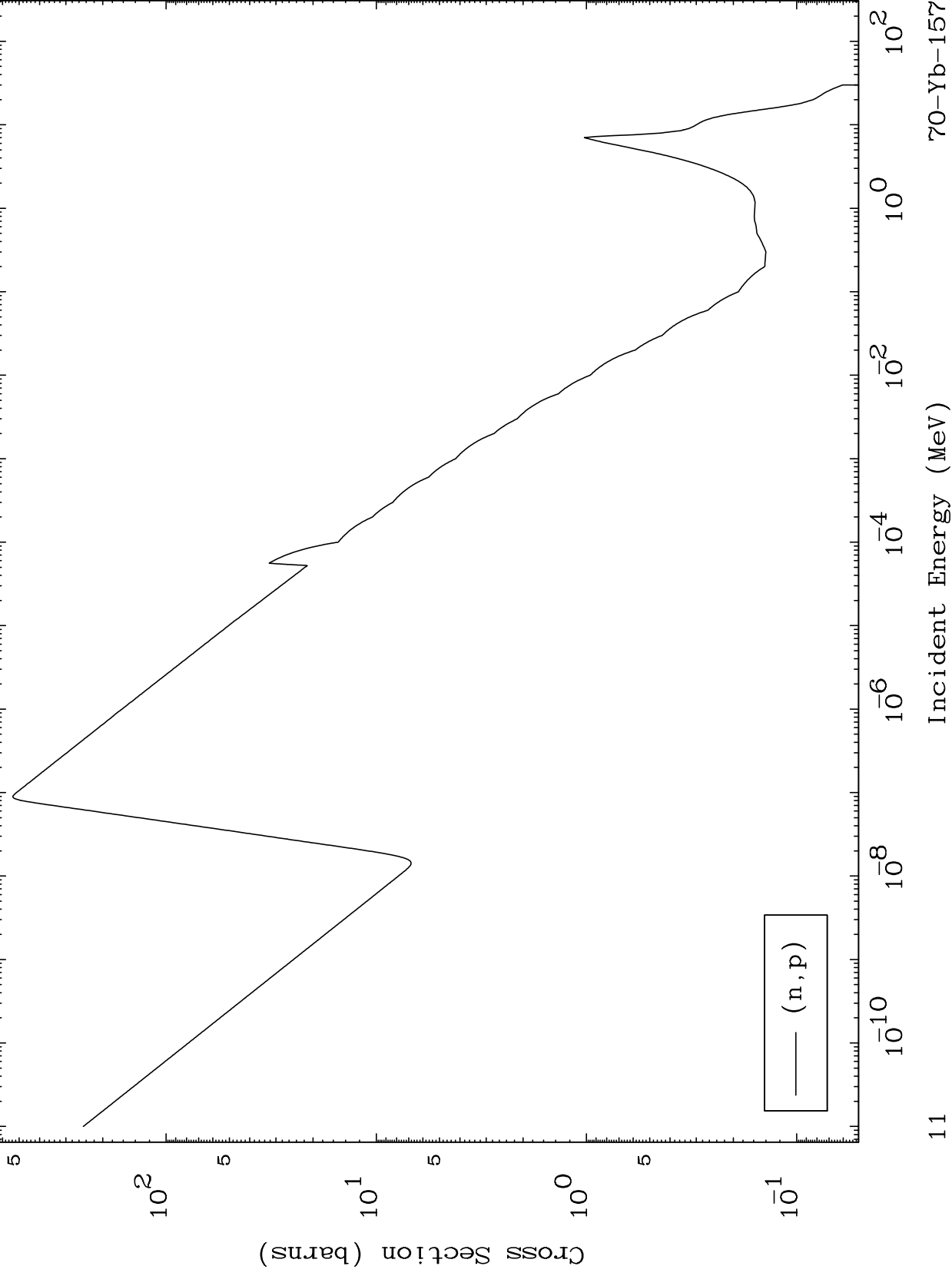
70-Yb-157

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MAT 6992

(n,p) Levels  
293 Kelvin Cross Sections

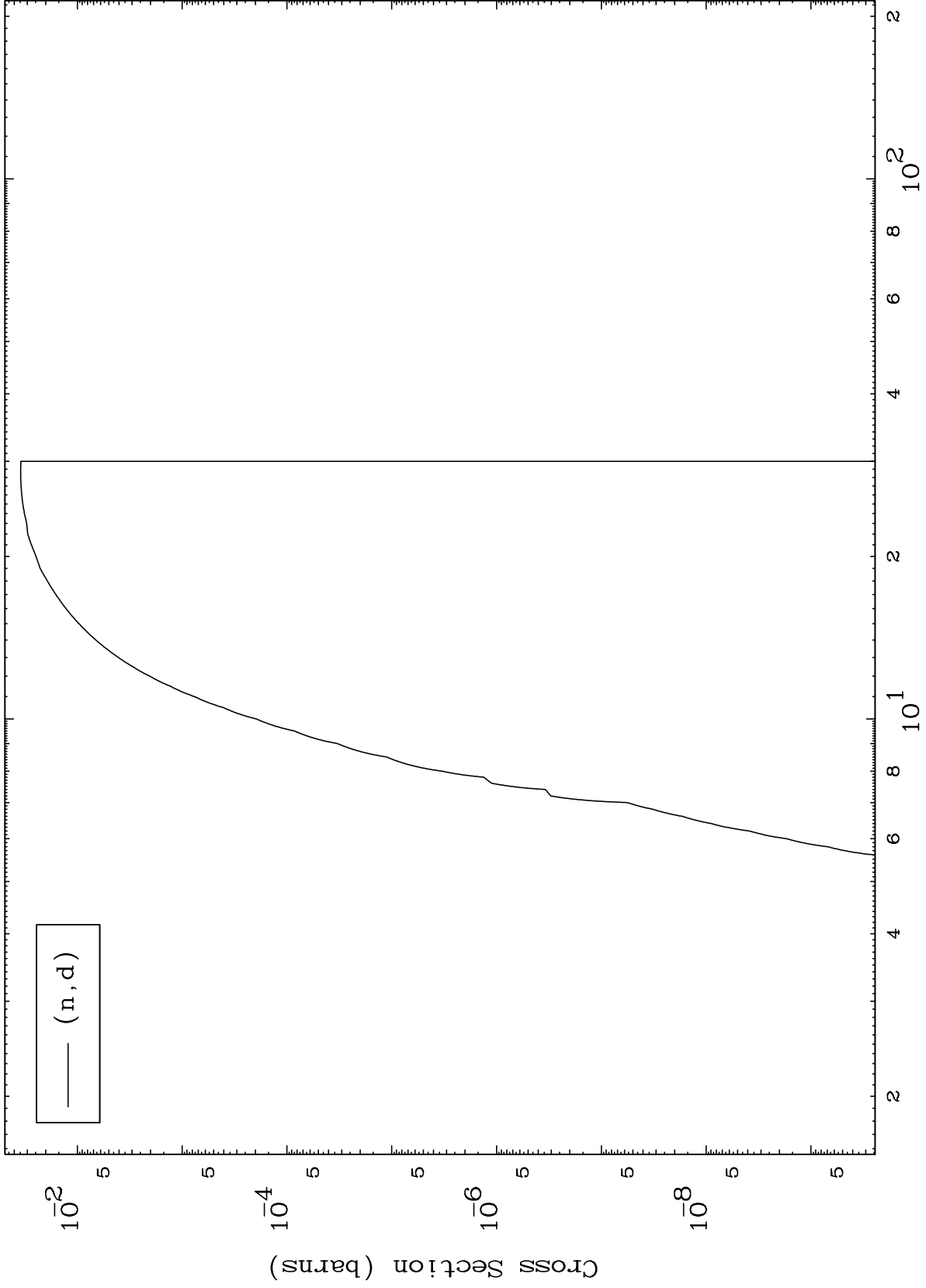
70-Yb-157



MAT 6992

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-157



12

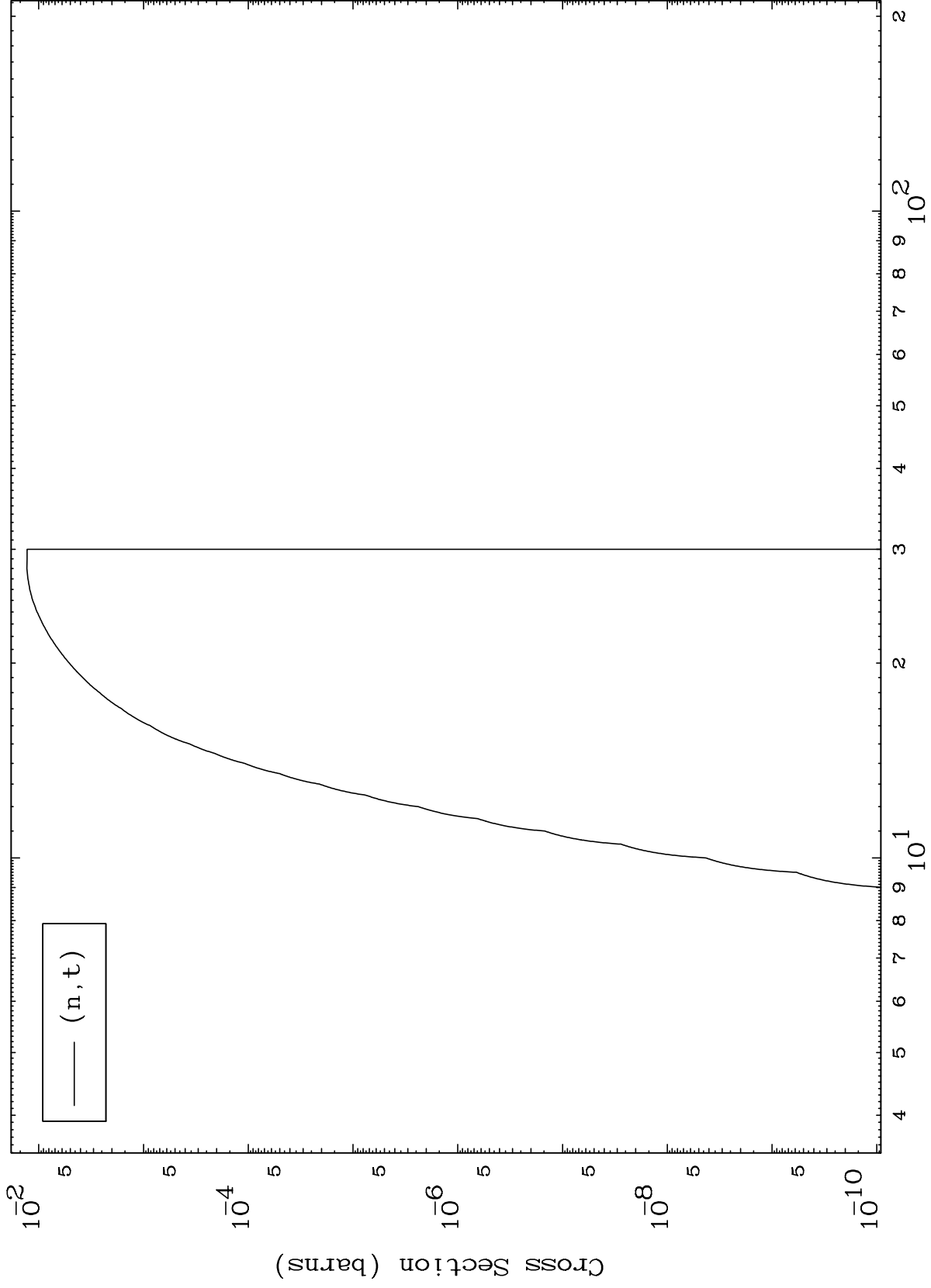
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-157



13

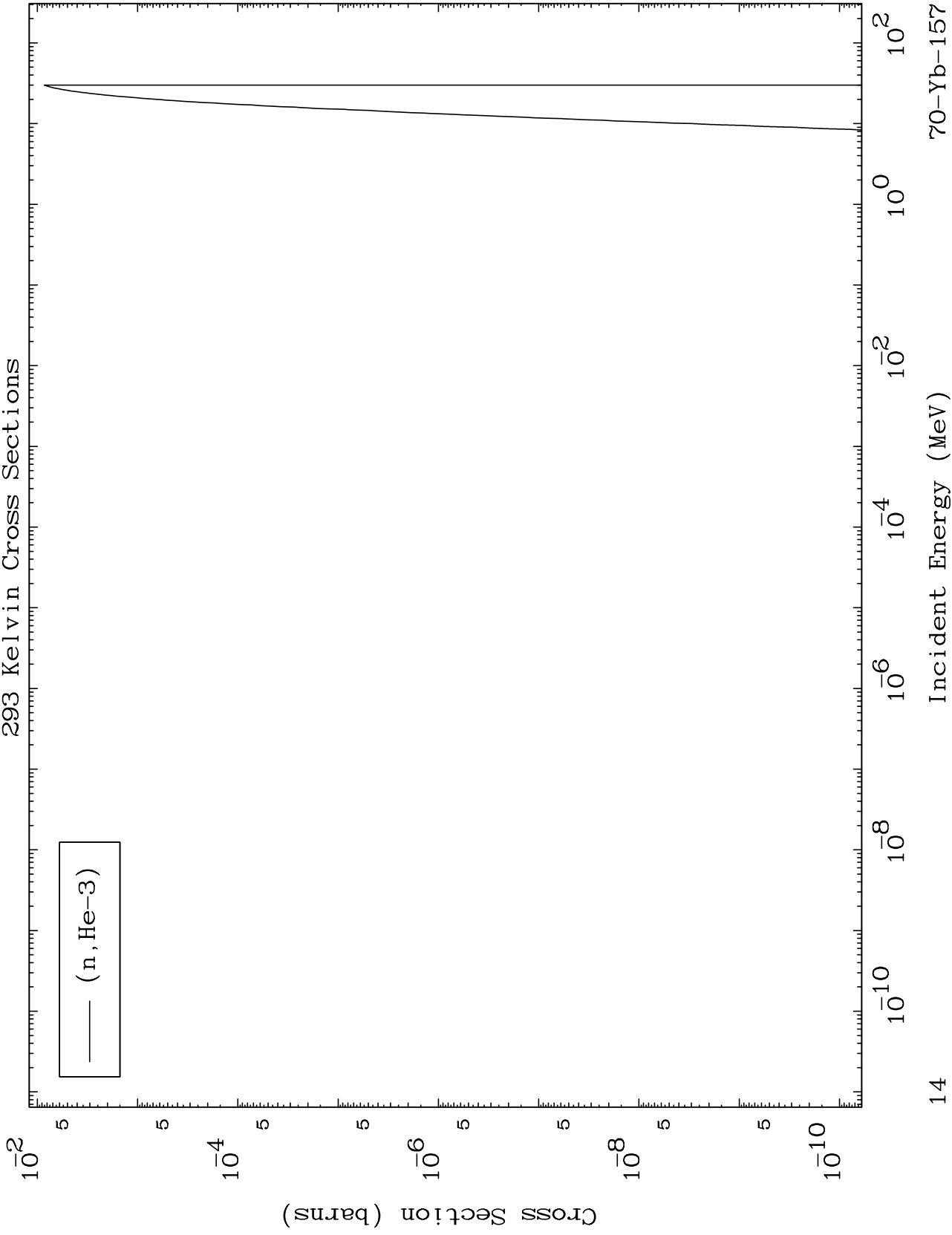
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,He3) Levels  
293 Kelvin Cross Sections

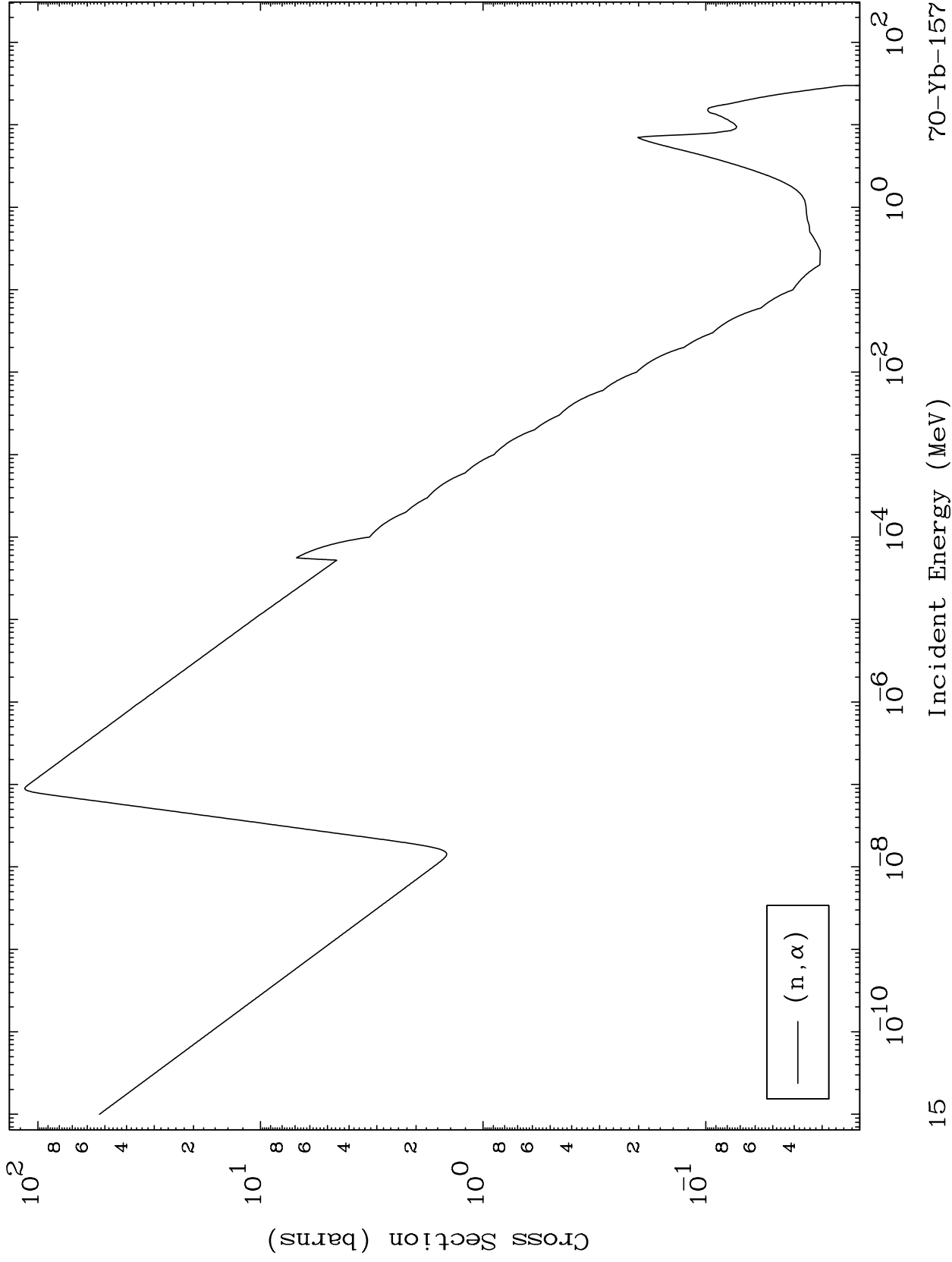
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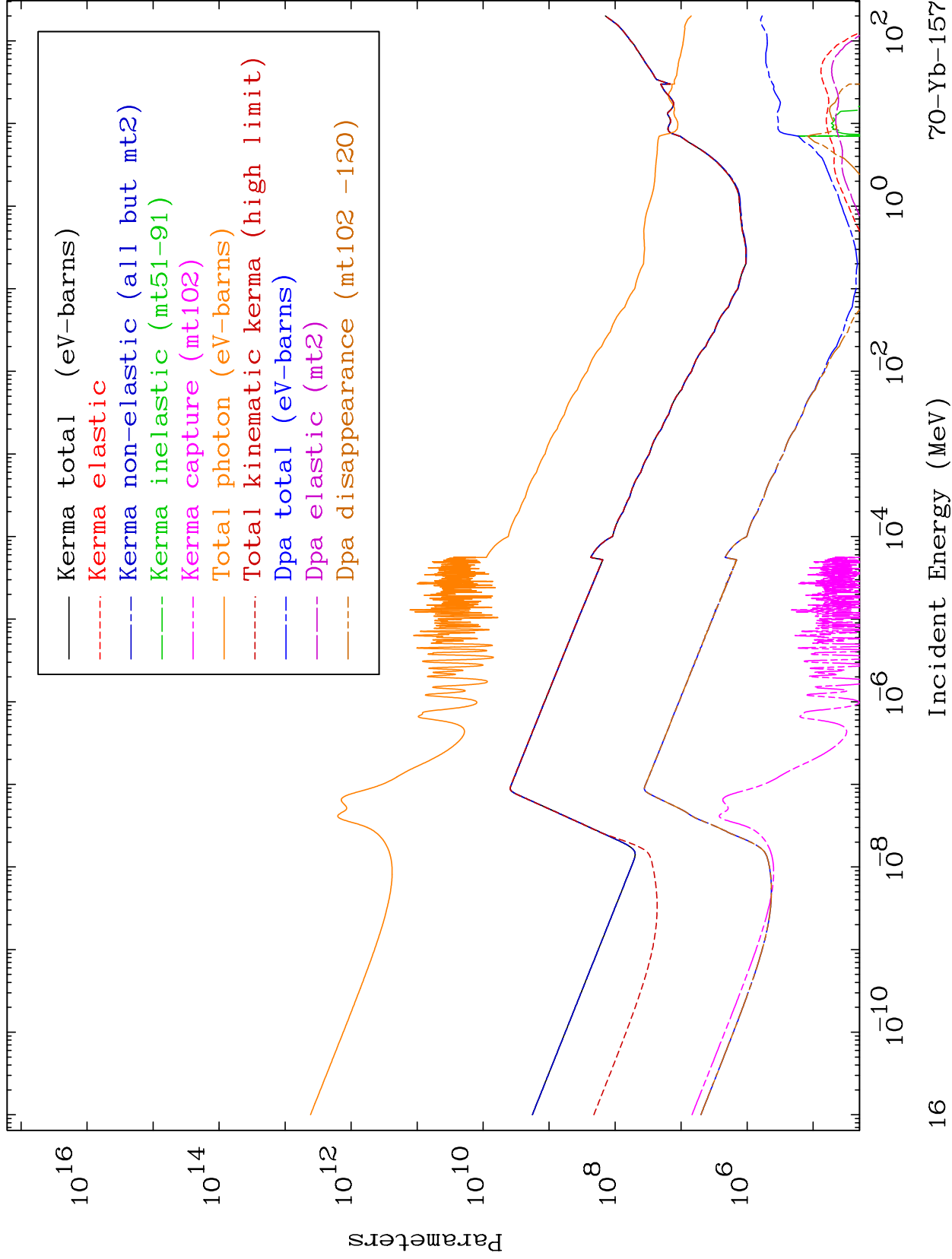
MAT 6992

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

70-Yb-157



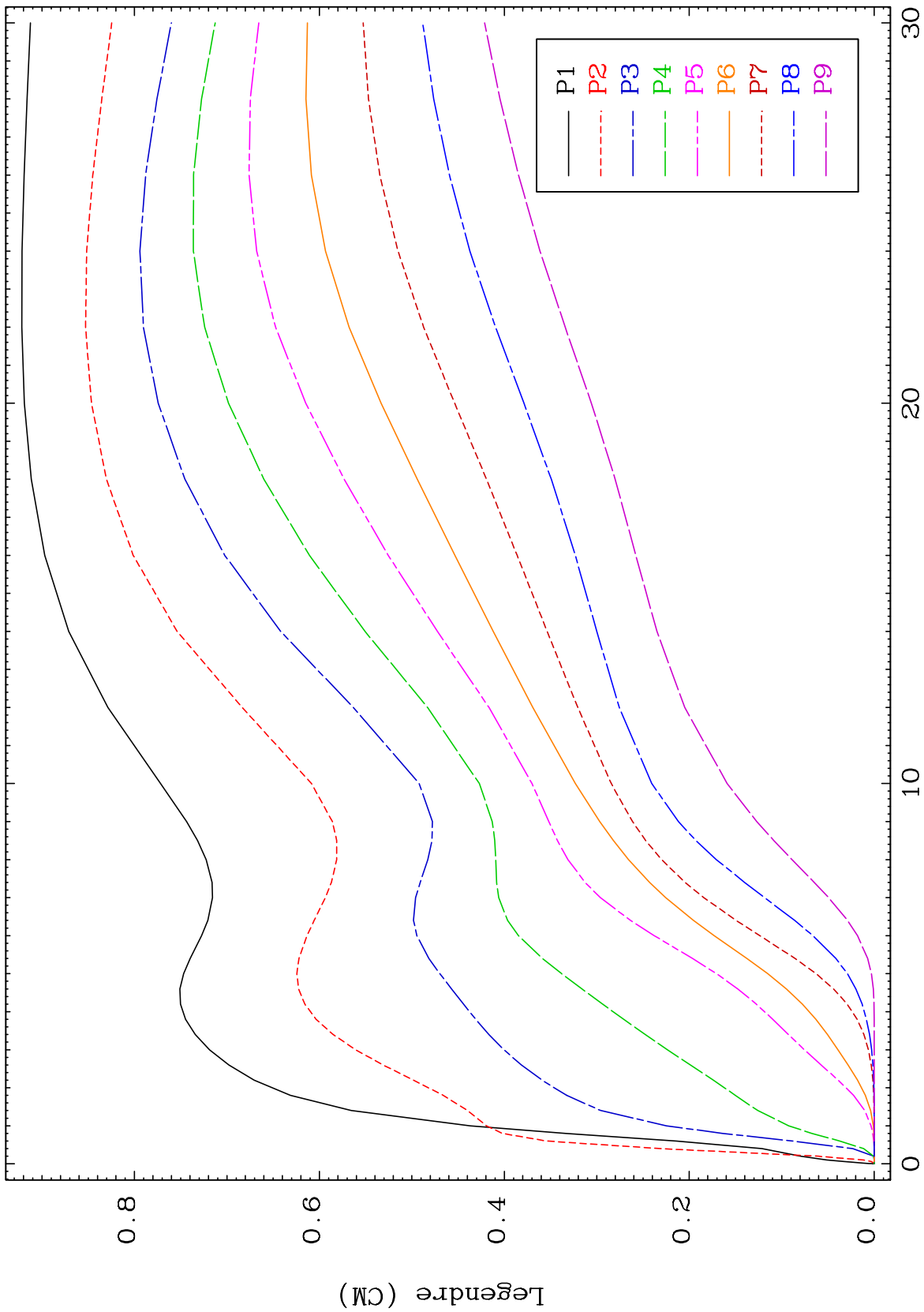




MAT 6992

70-Yb-157

Elastic Legendre Coefficients



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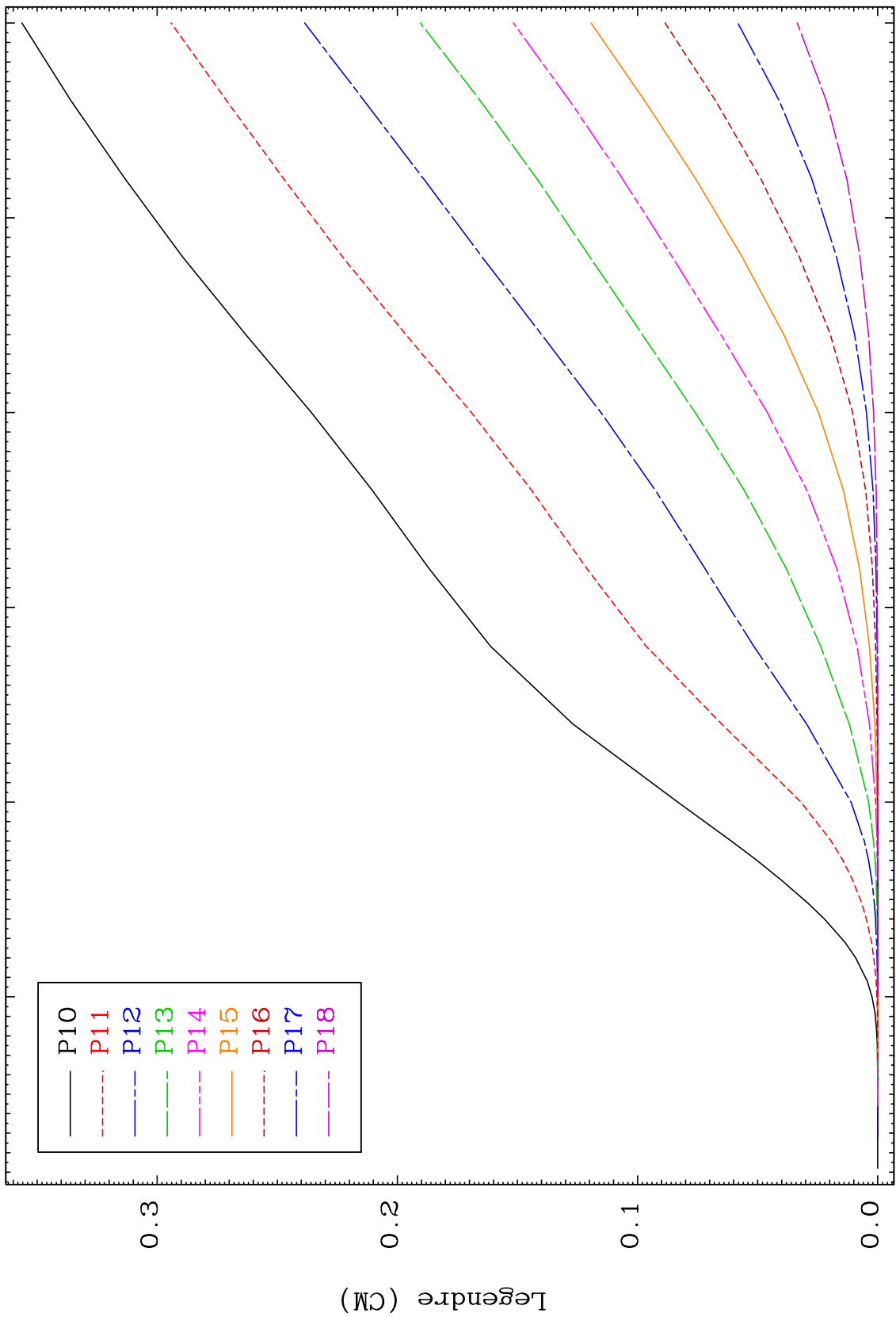
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



18

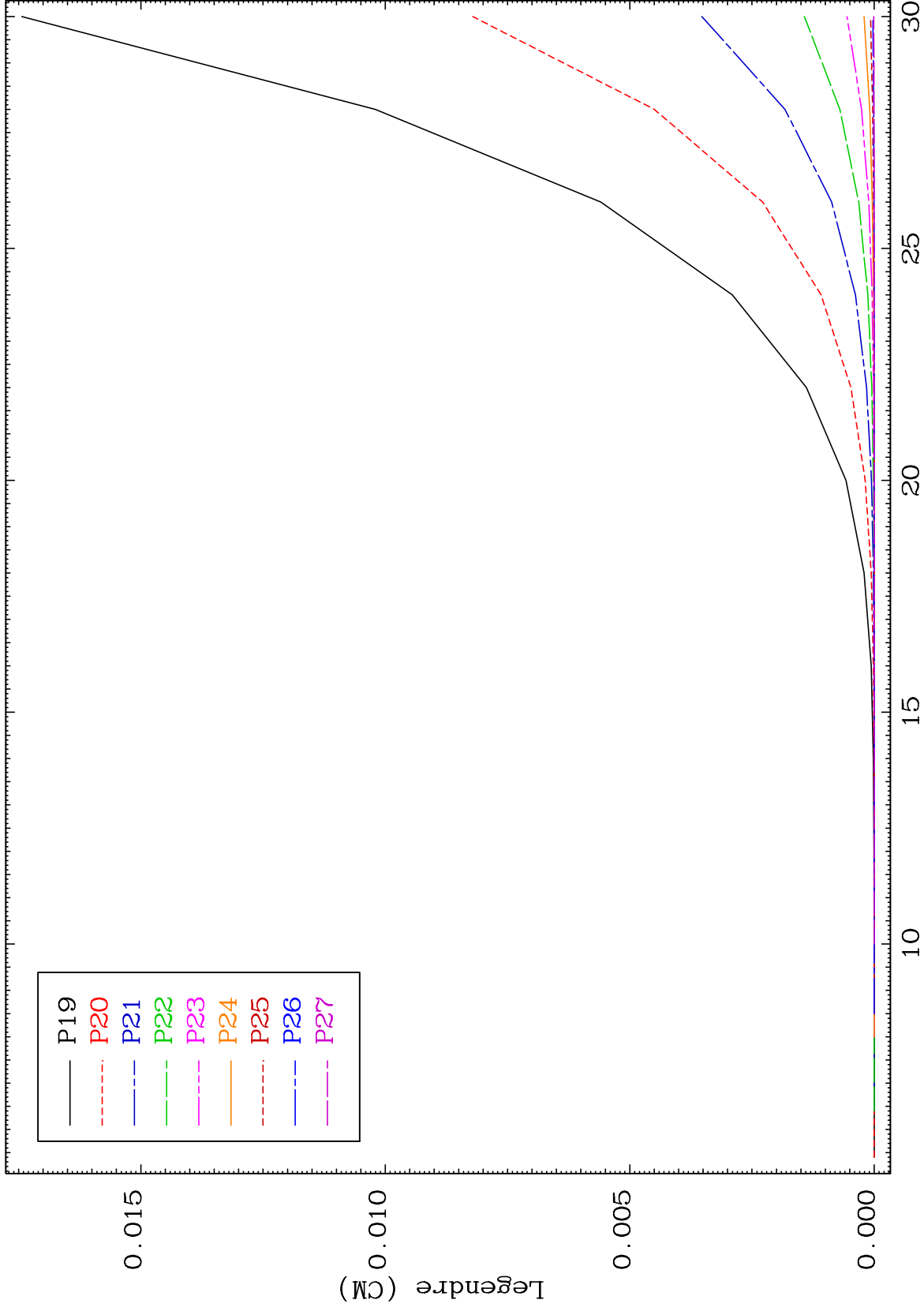
Incident Energy (MeV)

70-Yb-157

MAT 6992

### Elastic Legendre Coefficients

70-Yb-157



19

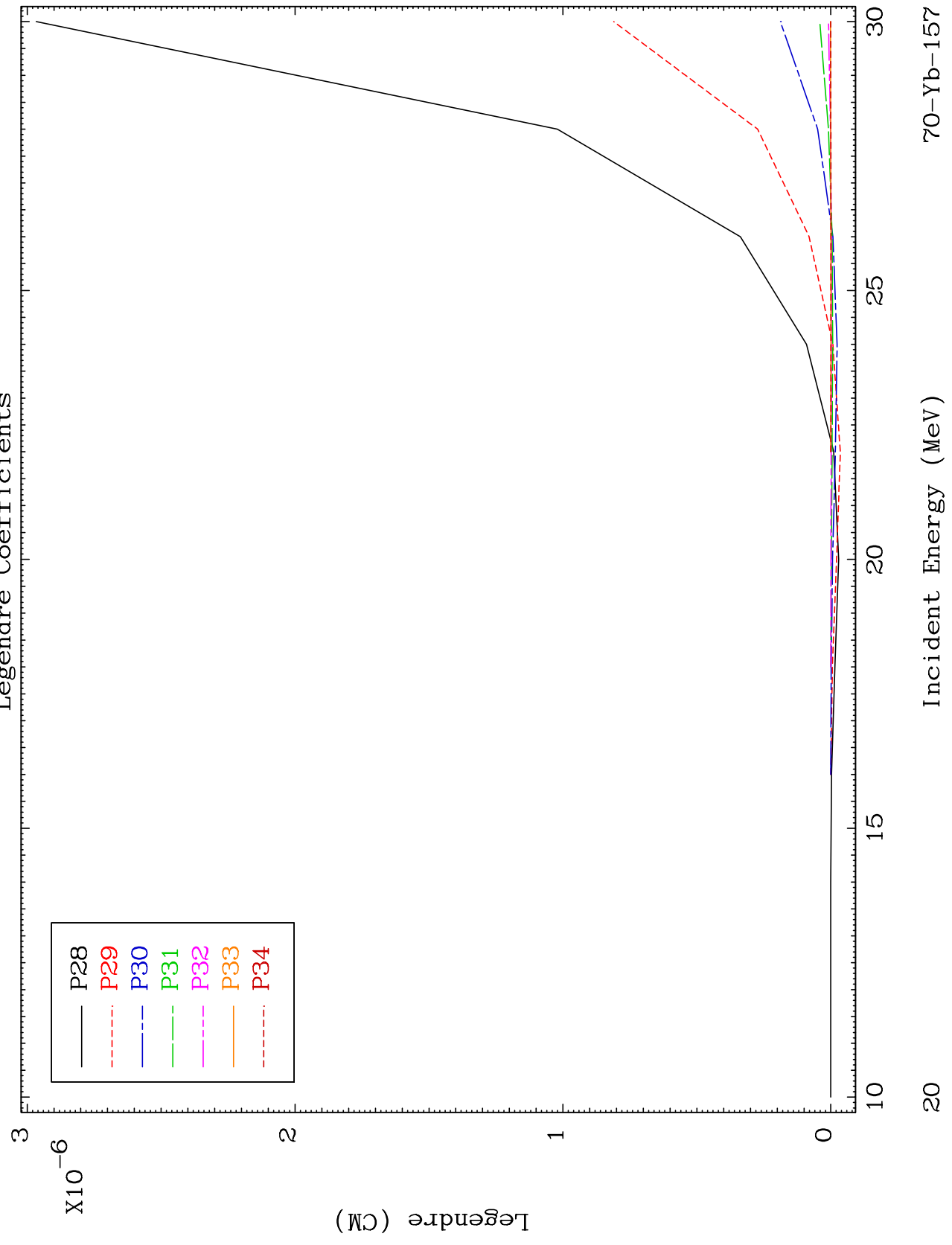
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

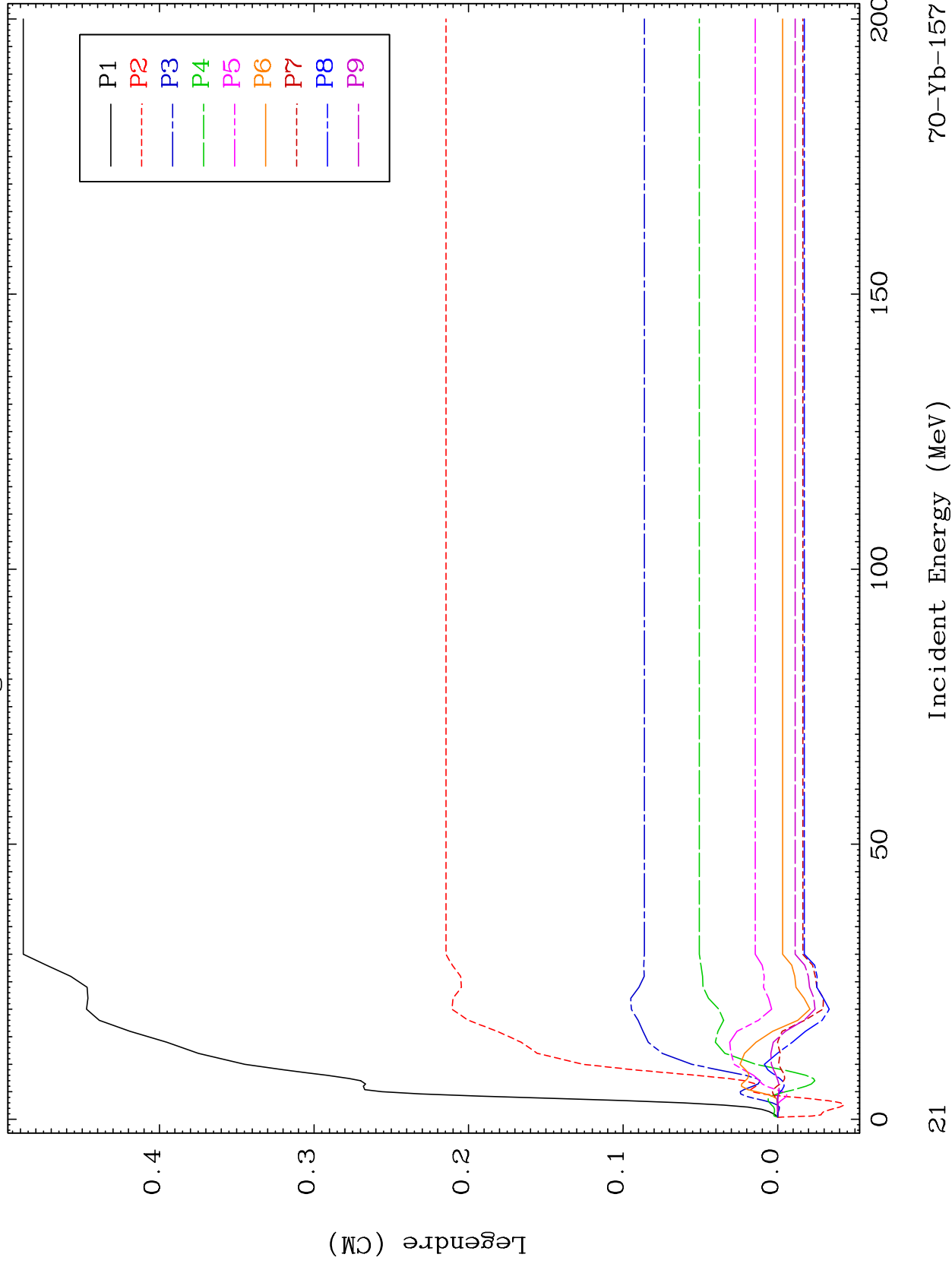
70-Yb-157



MAT 6992

323.5 keV (n,n') Level  
Legendre Coefficients

70-Yb-157



70-Yb-157

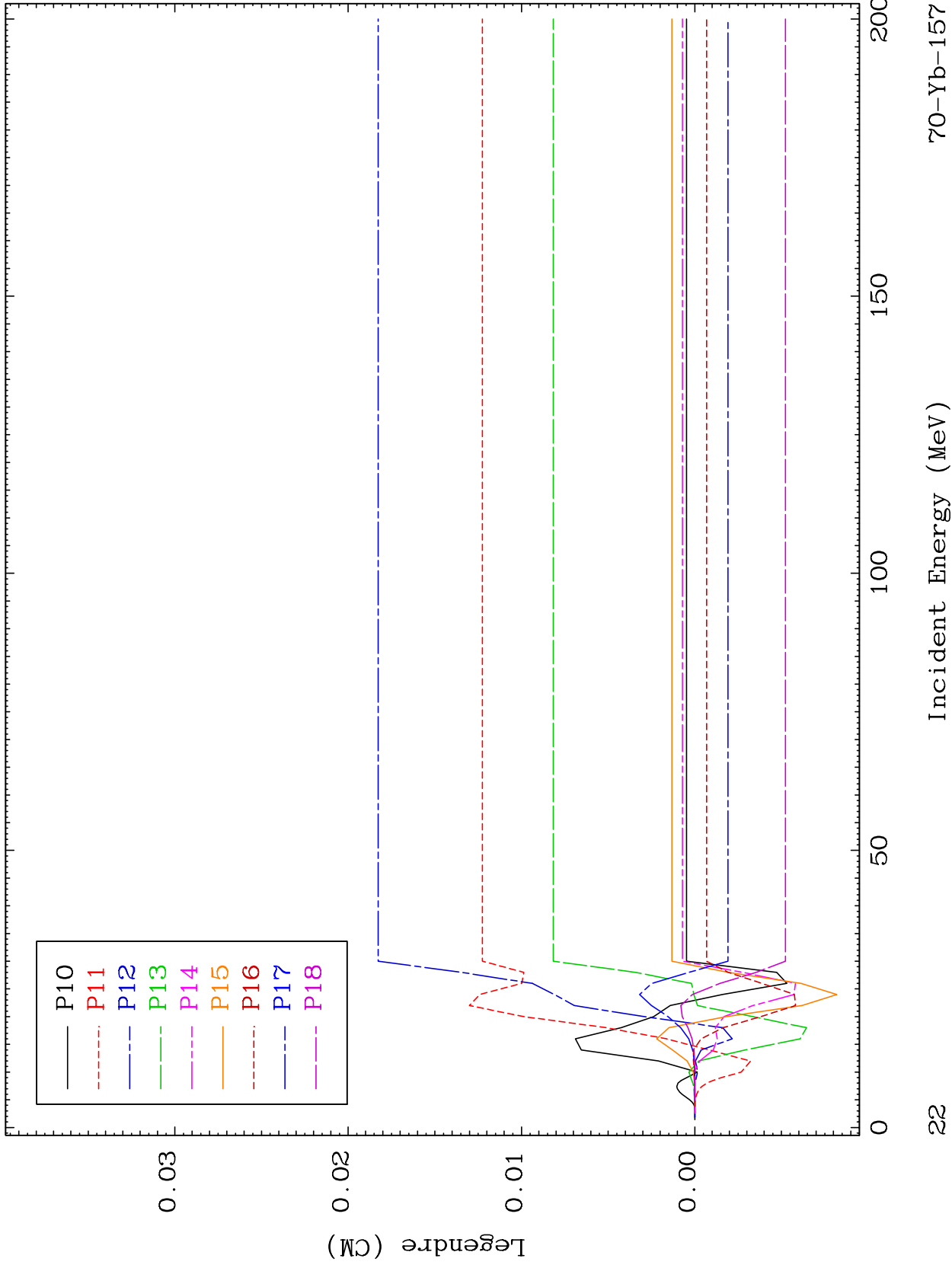
Incident Energy (MeV)

21

MAT 6992

323.5 keV (n, n') Level  
Legendre Coefficients

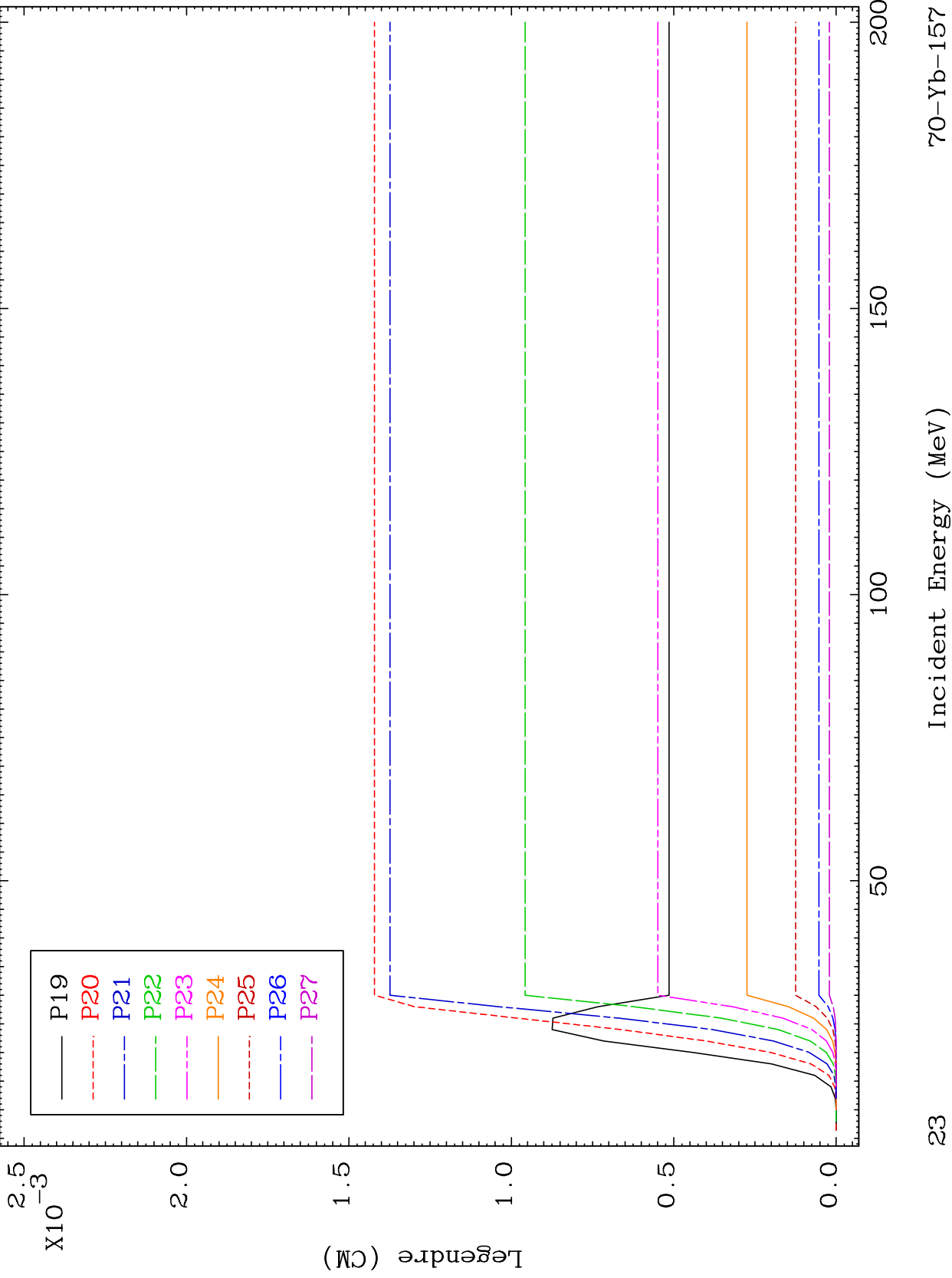
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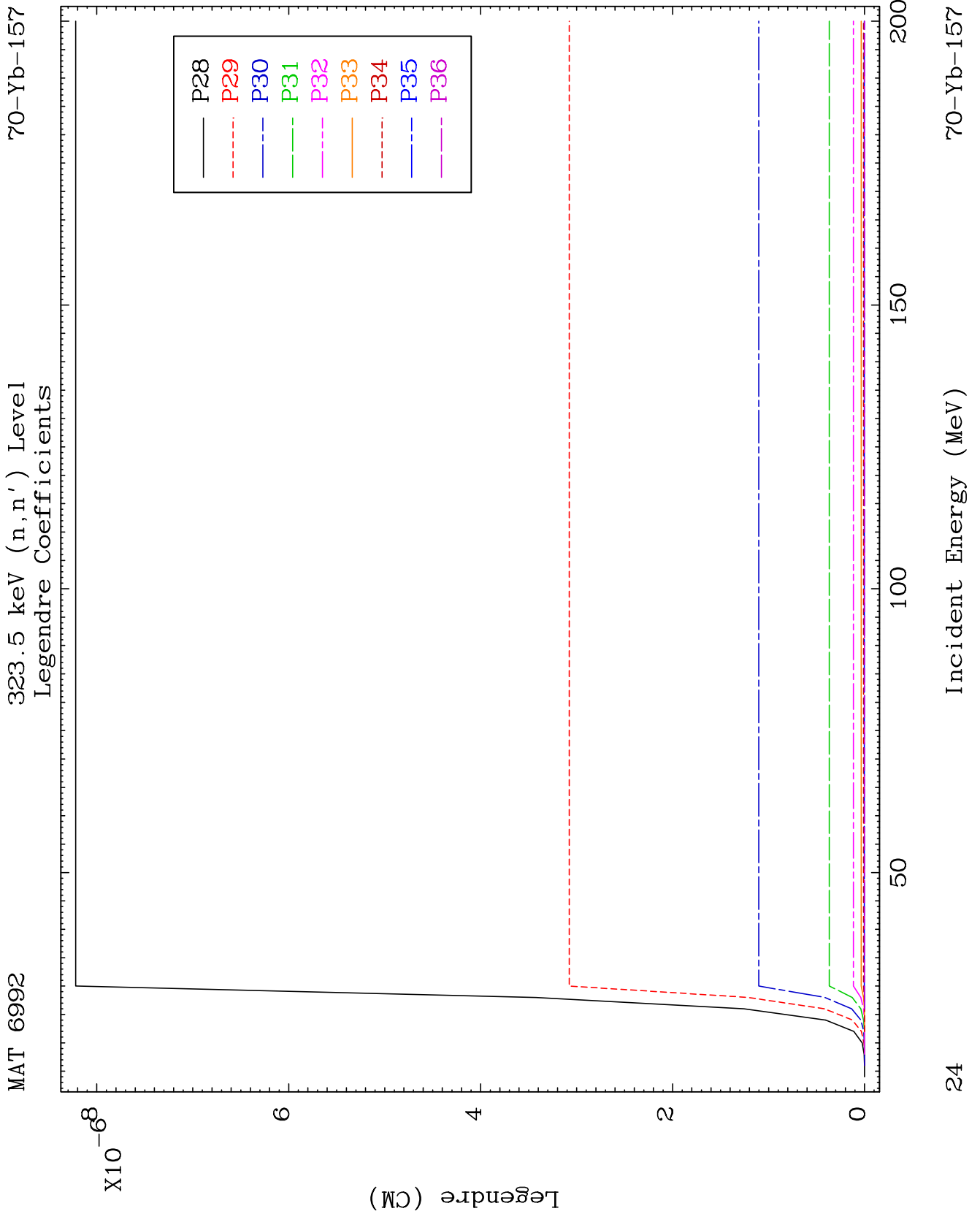
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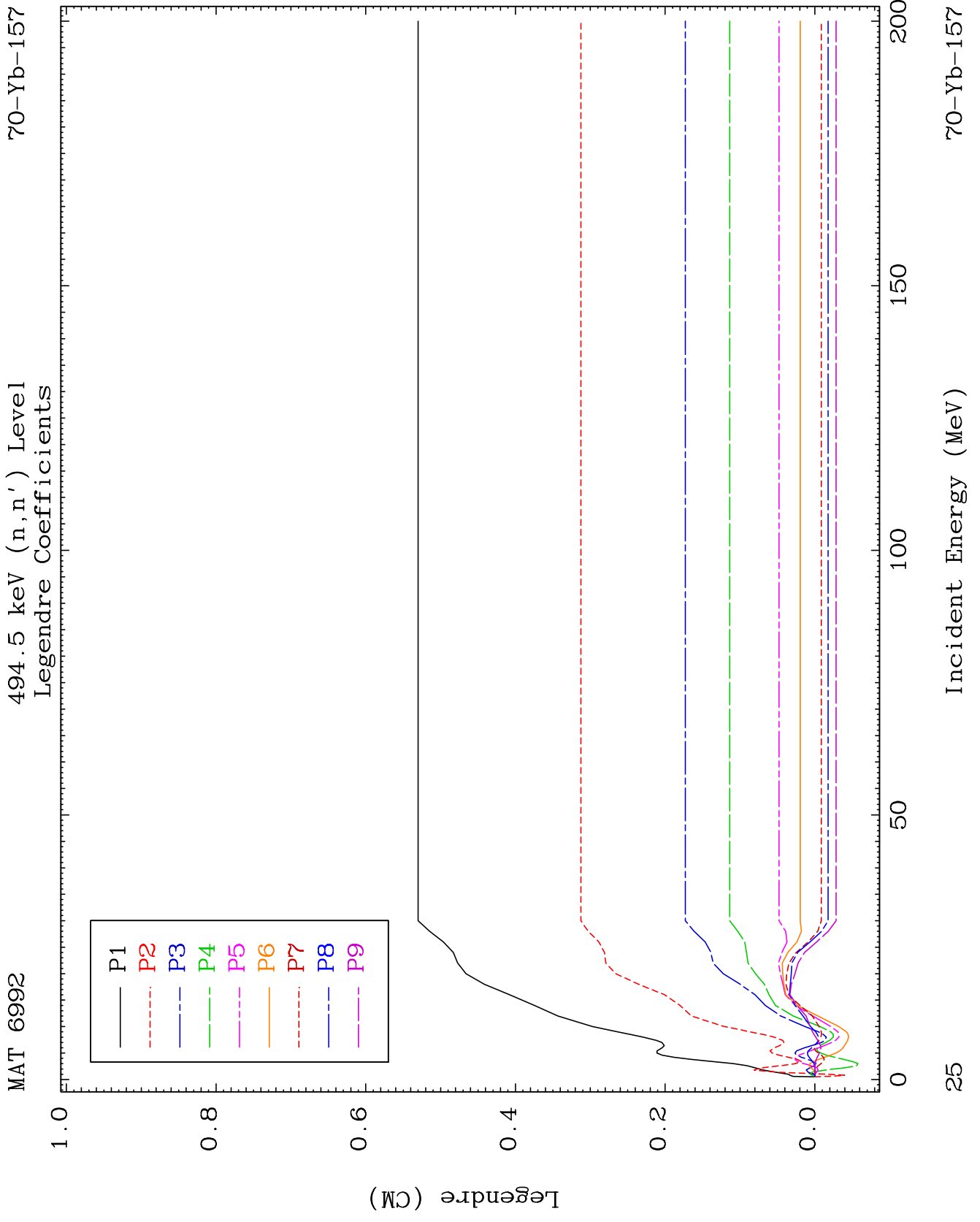
Incident Energy (MeV)

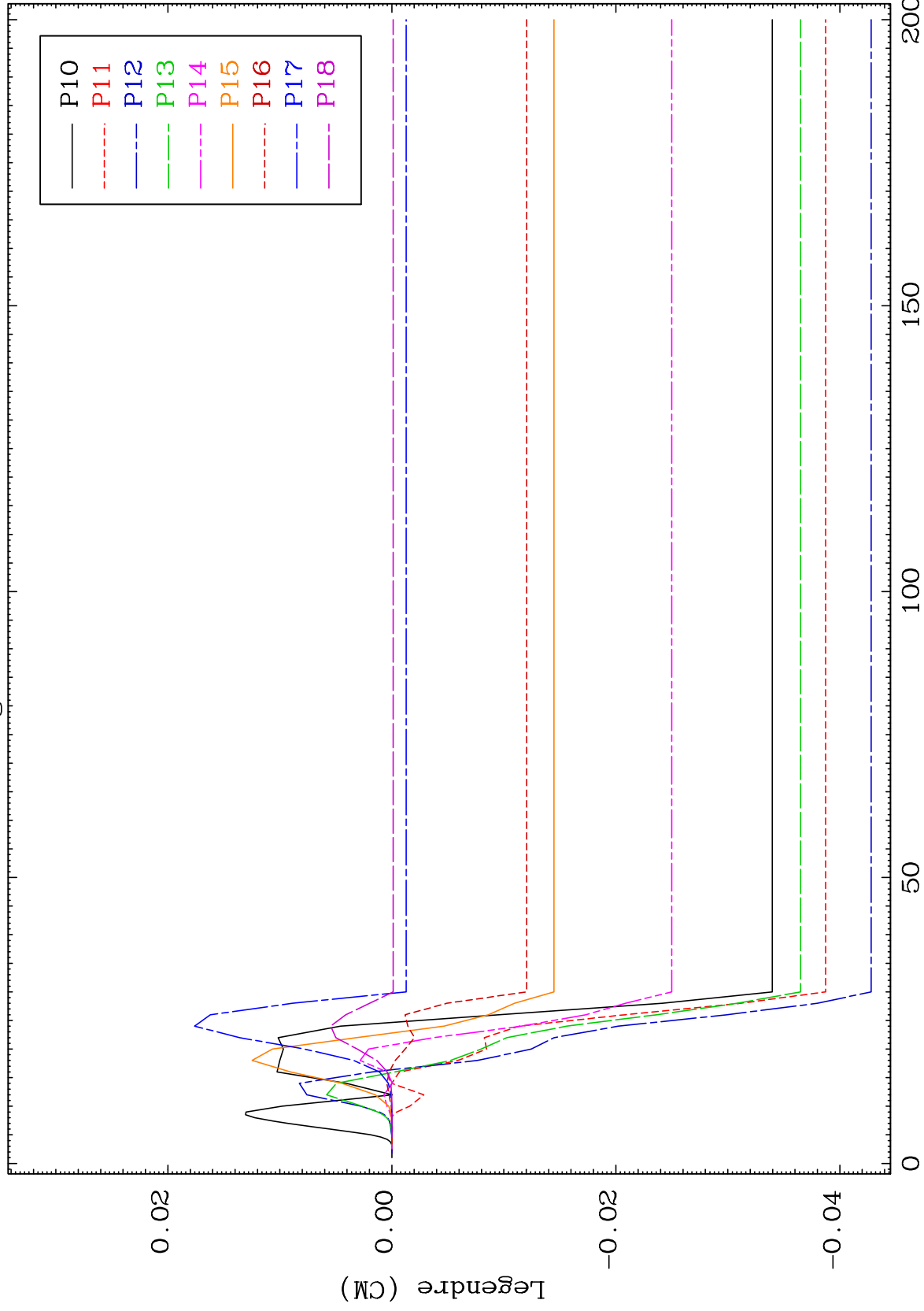
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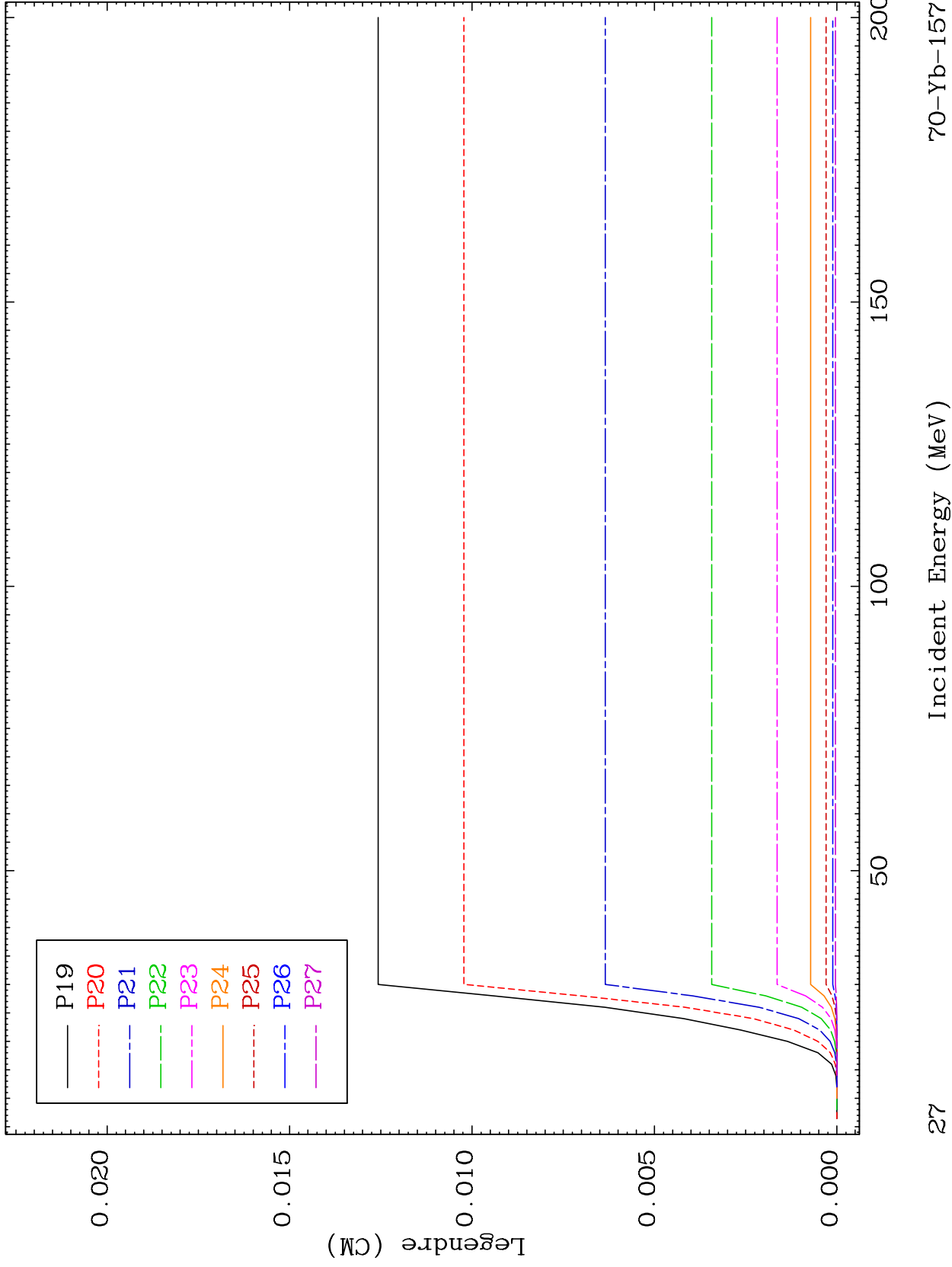


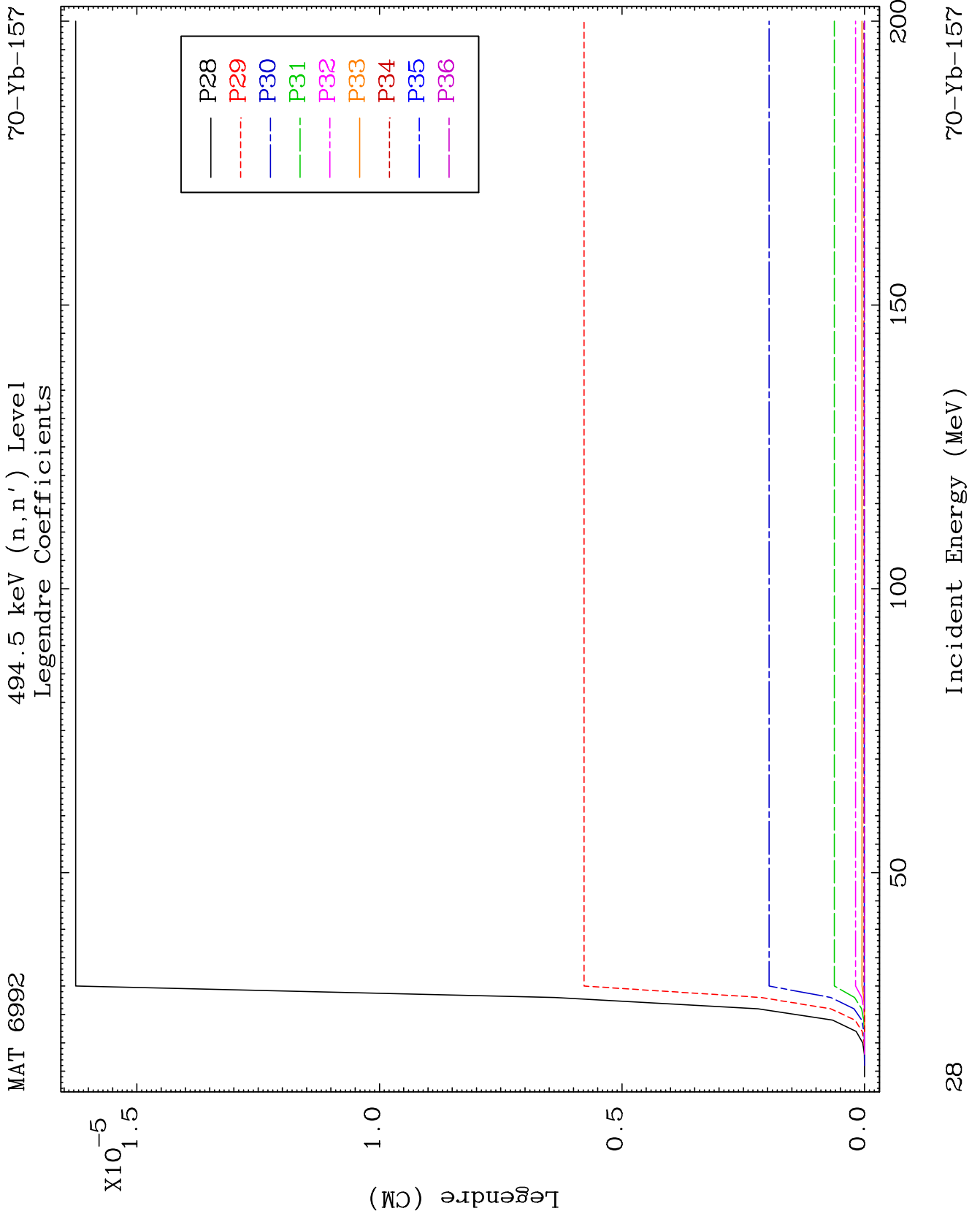


MAT 6992

494.5 keV (n,n') Level  
Legendre Coefficients

70-Yb-157

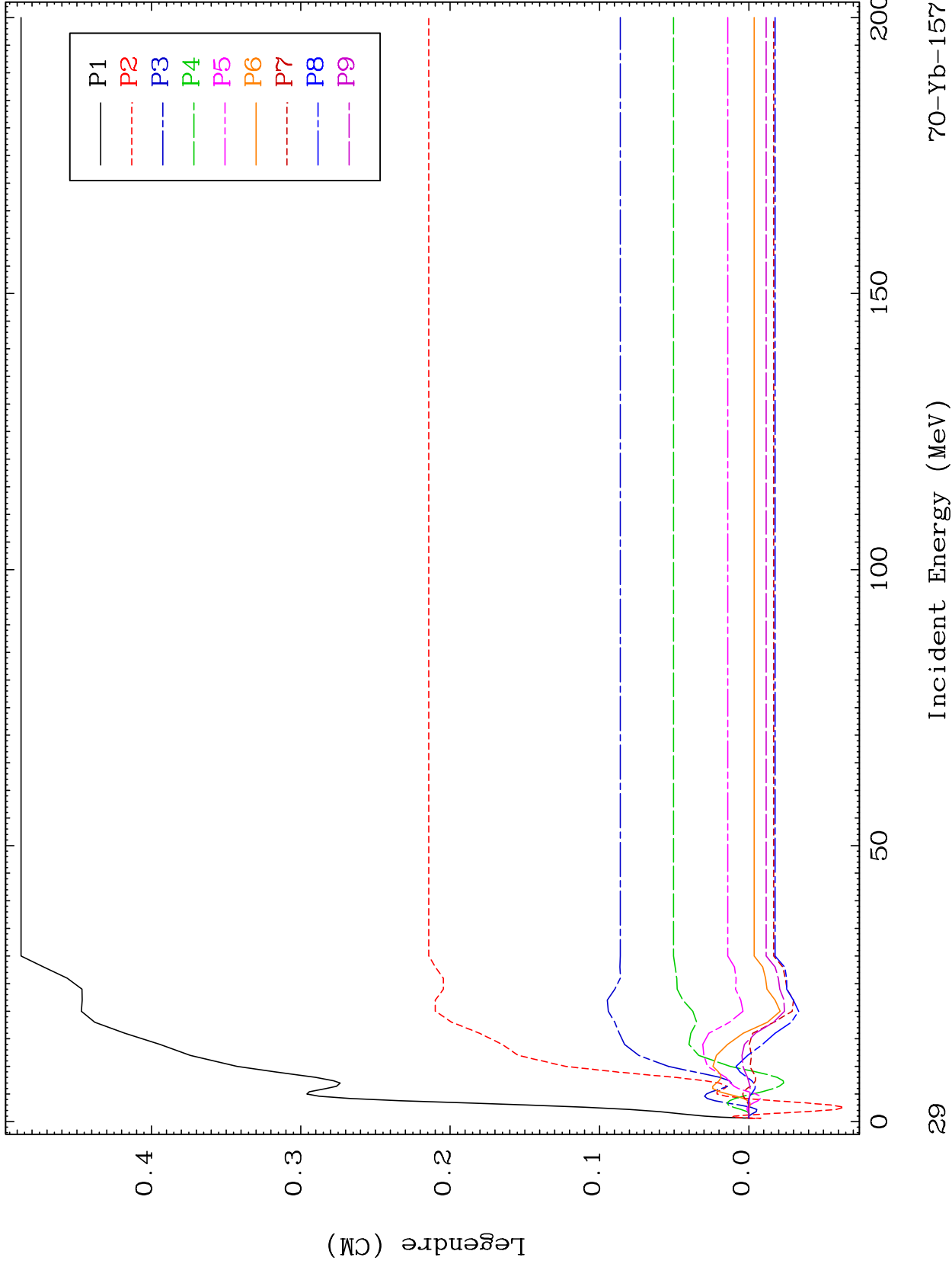




MAT 6992

529.3 keV (n,n') Level  
Legendre Coefficients

70-Yb-157



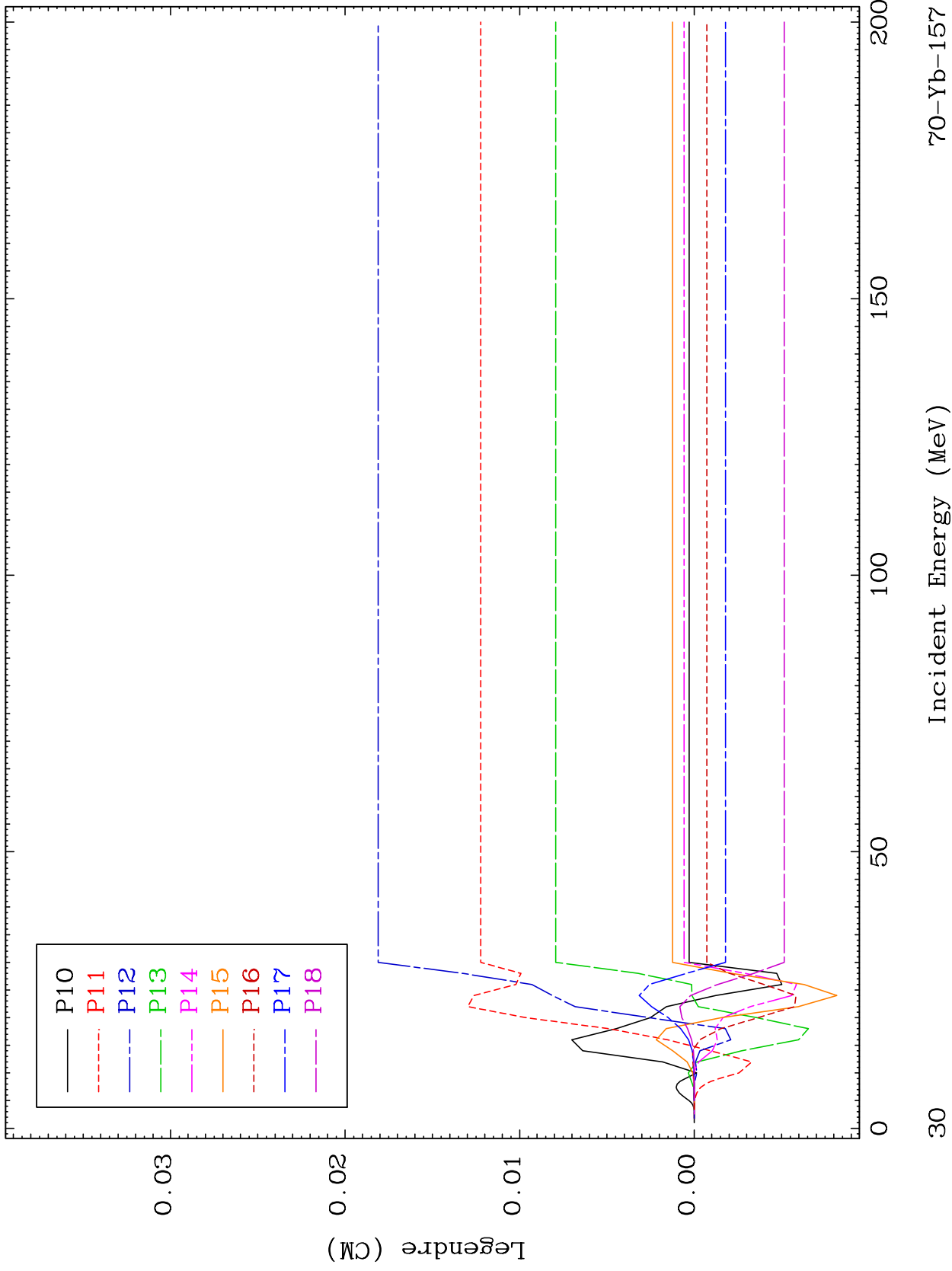
29

70-Yb-157

MAT 6992

529.3 keV (n, n') Level  
Legendre Coefficients

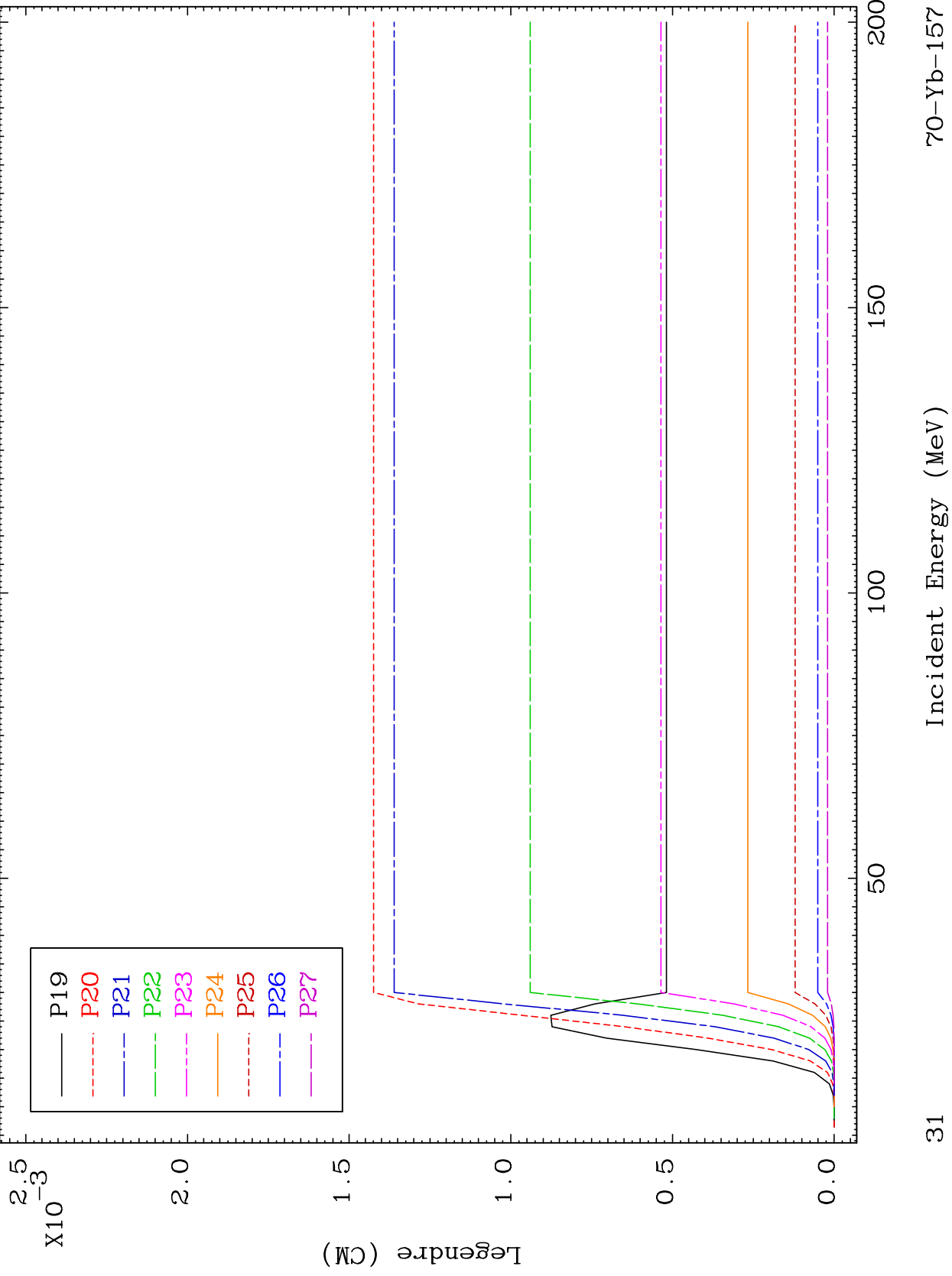
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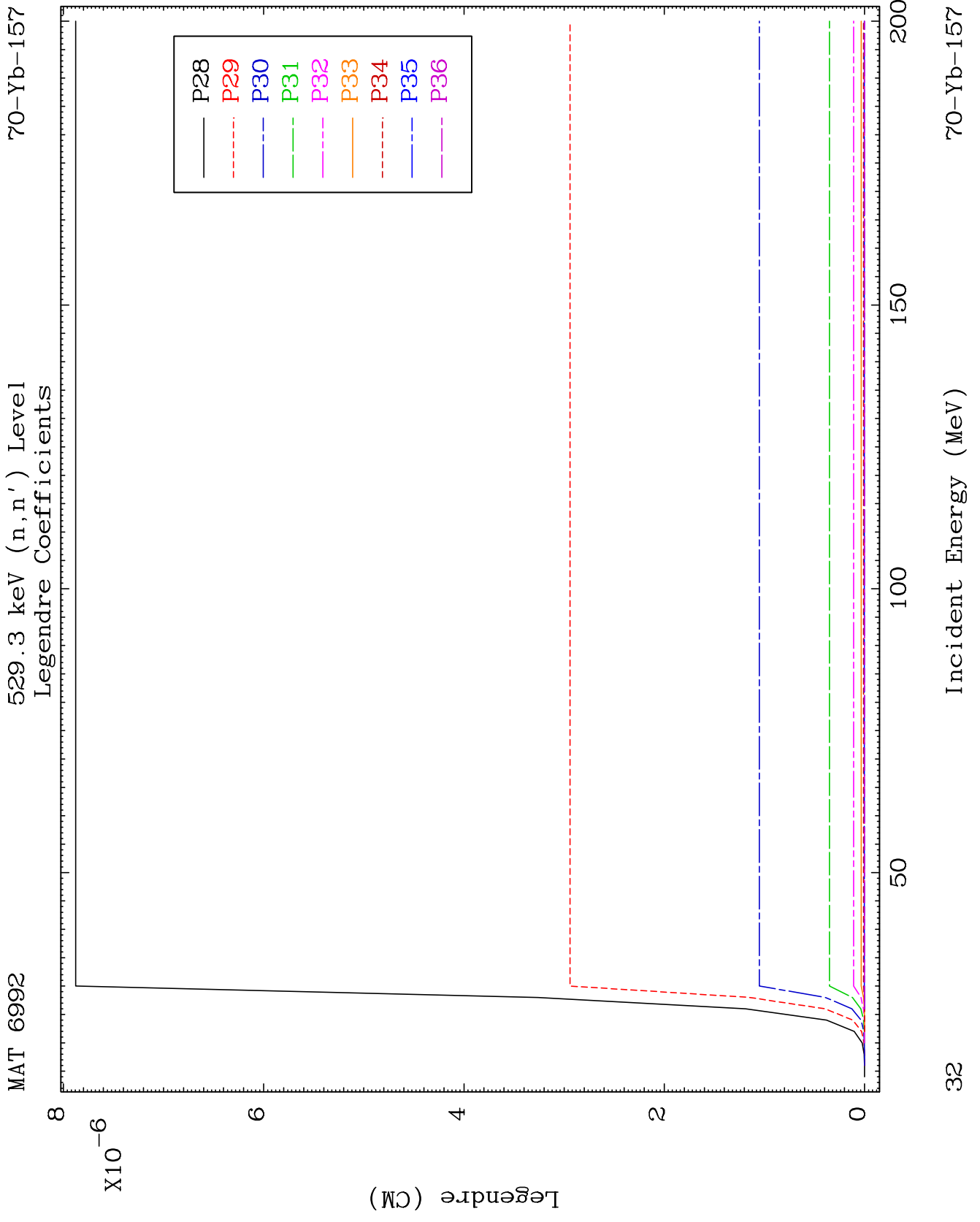
70-Yb-157

Incident Energy (MeV)

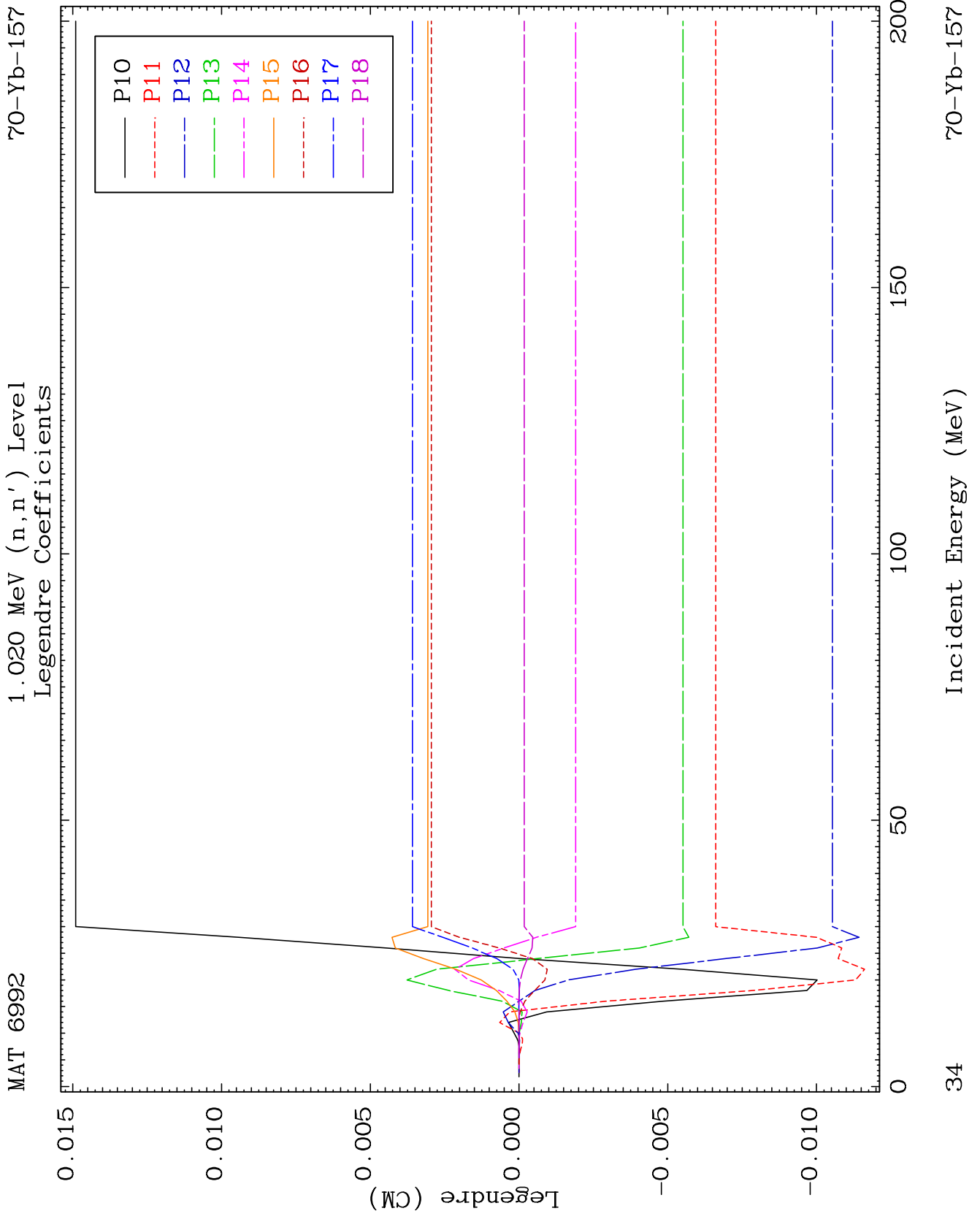
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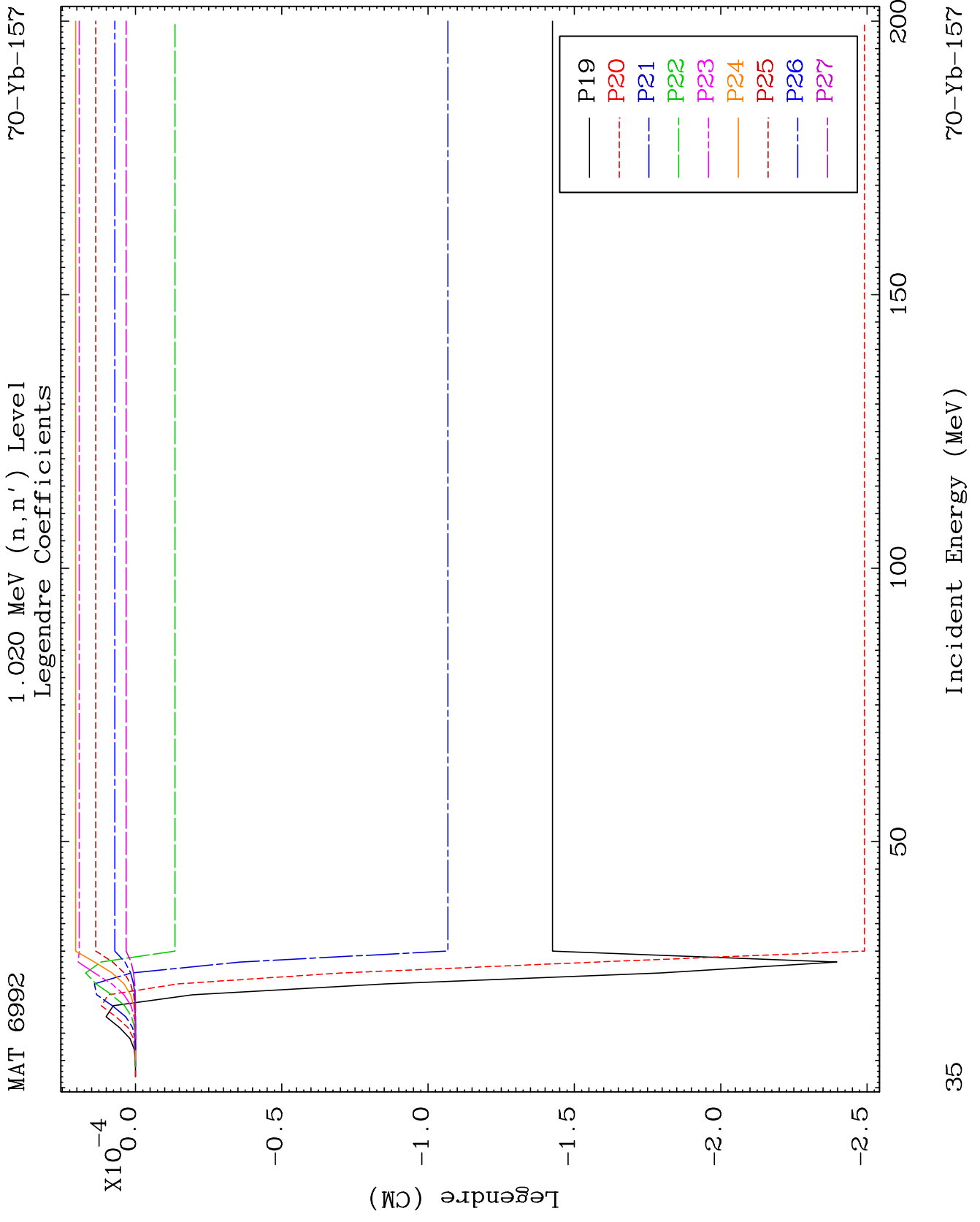


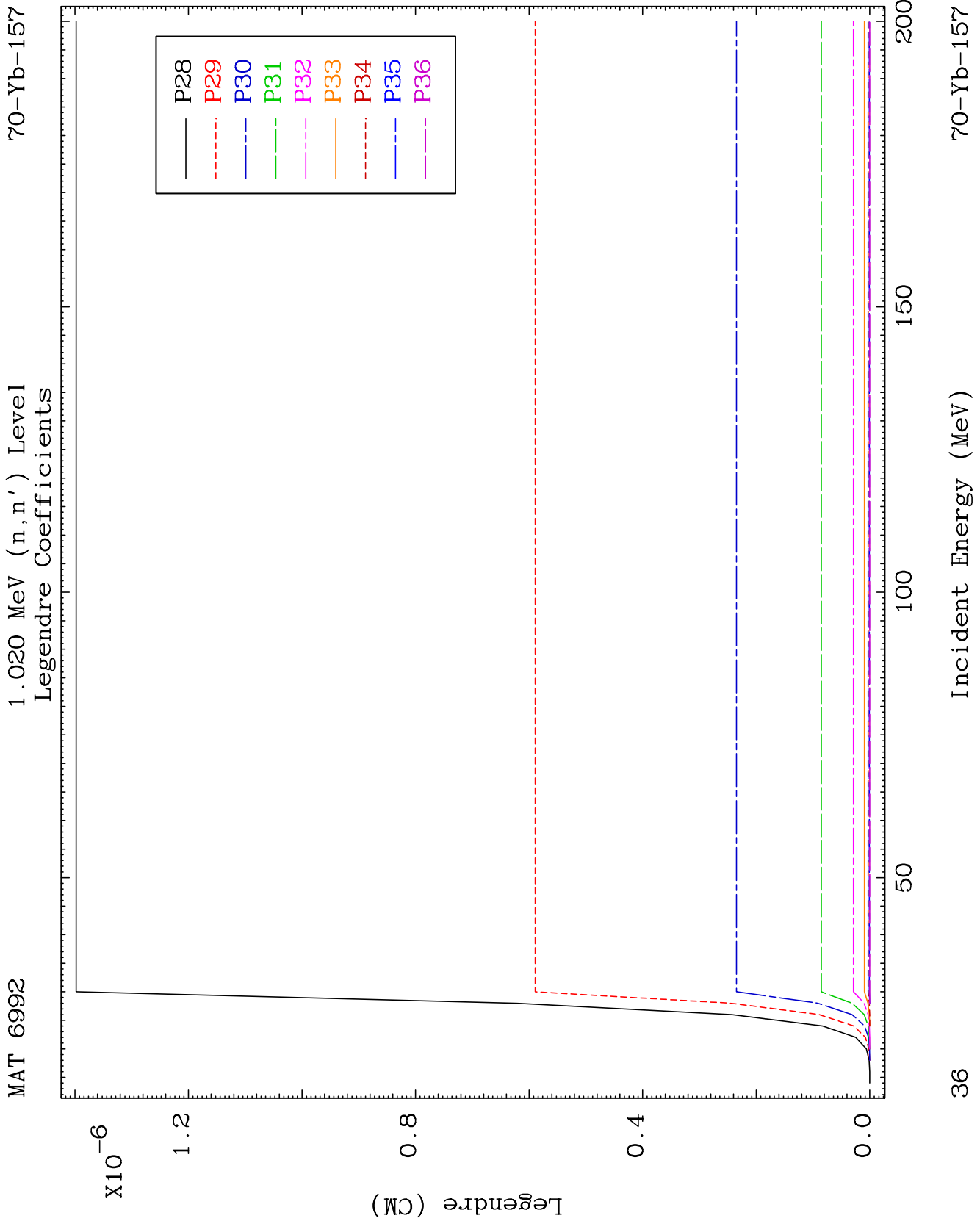


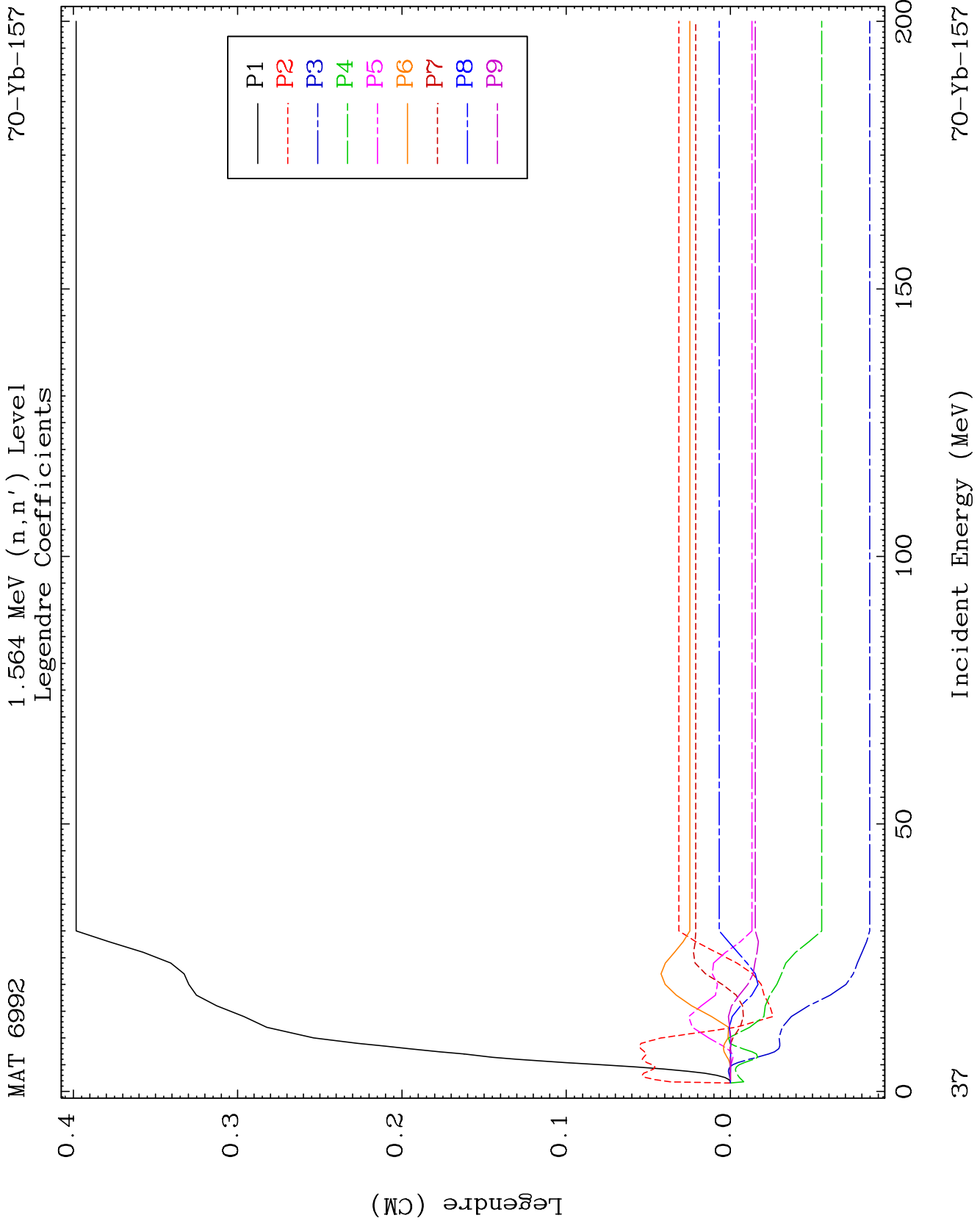








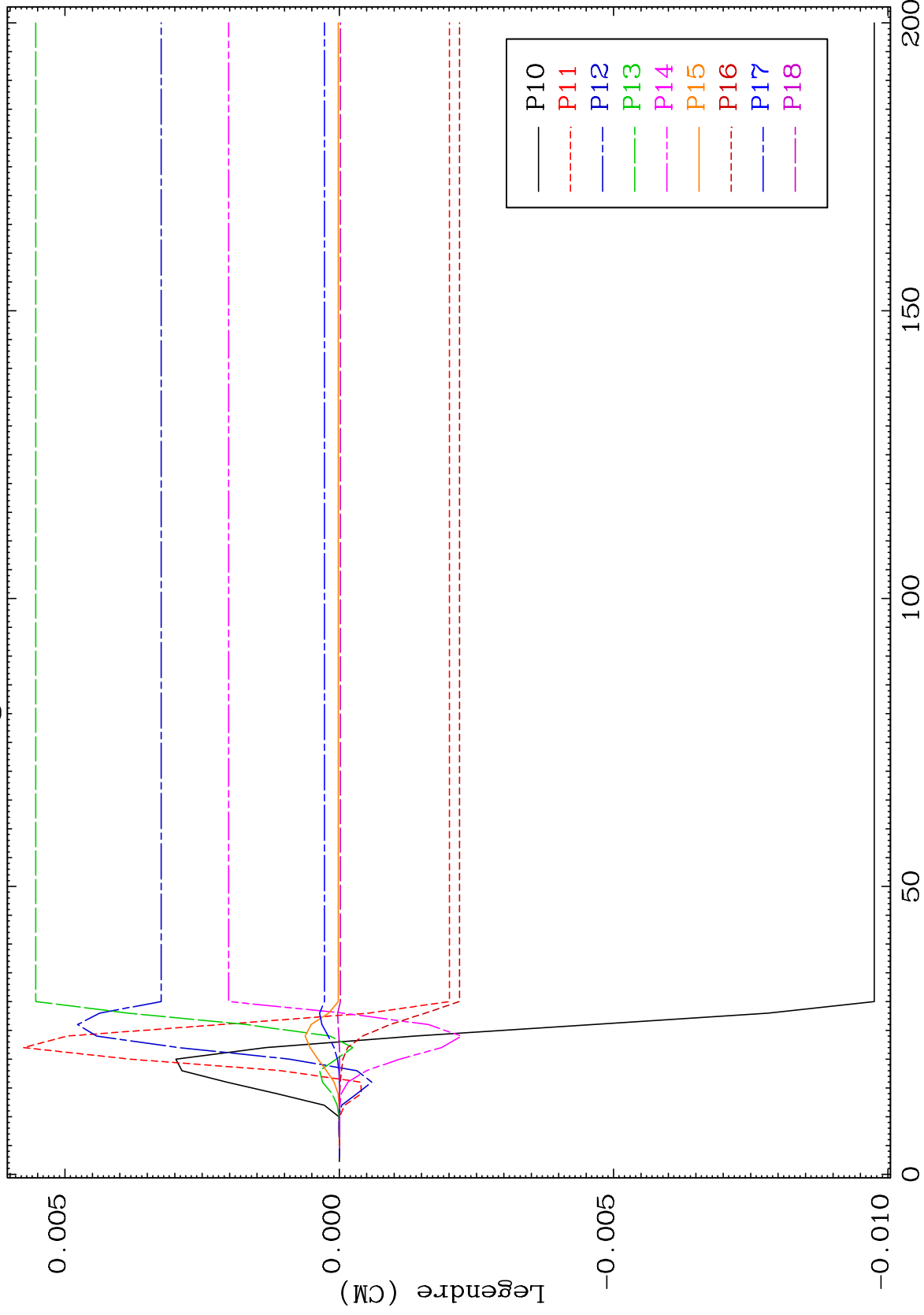




MAT 6992

1.564 MeV (n, n') Level  
Legendre Coefficients

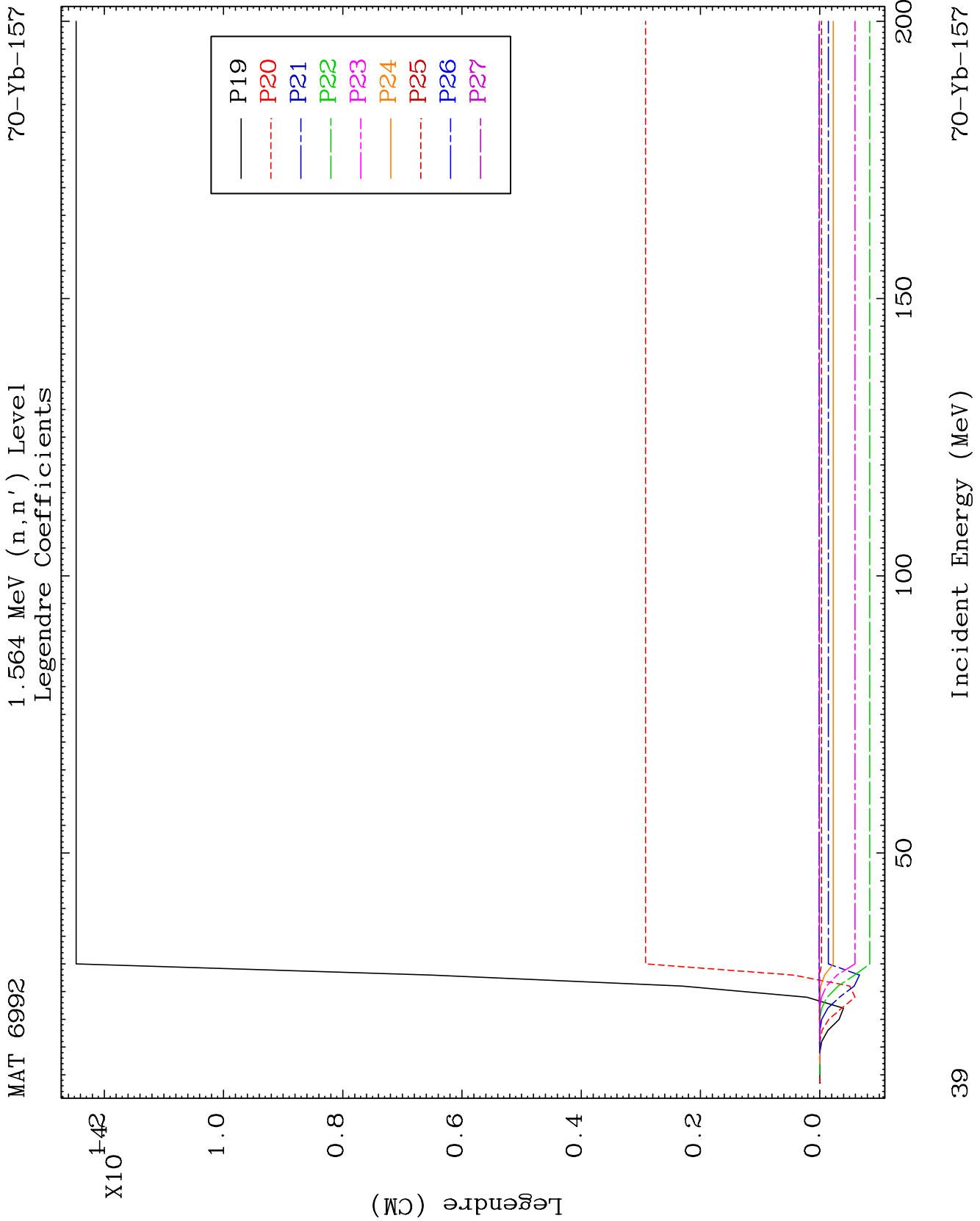
70-Yb-157



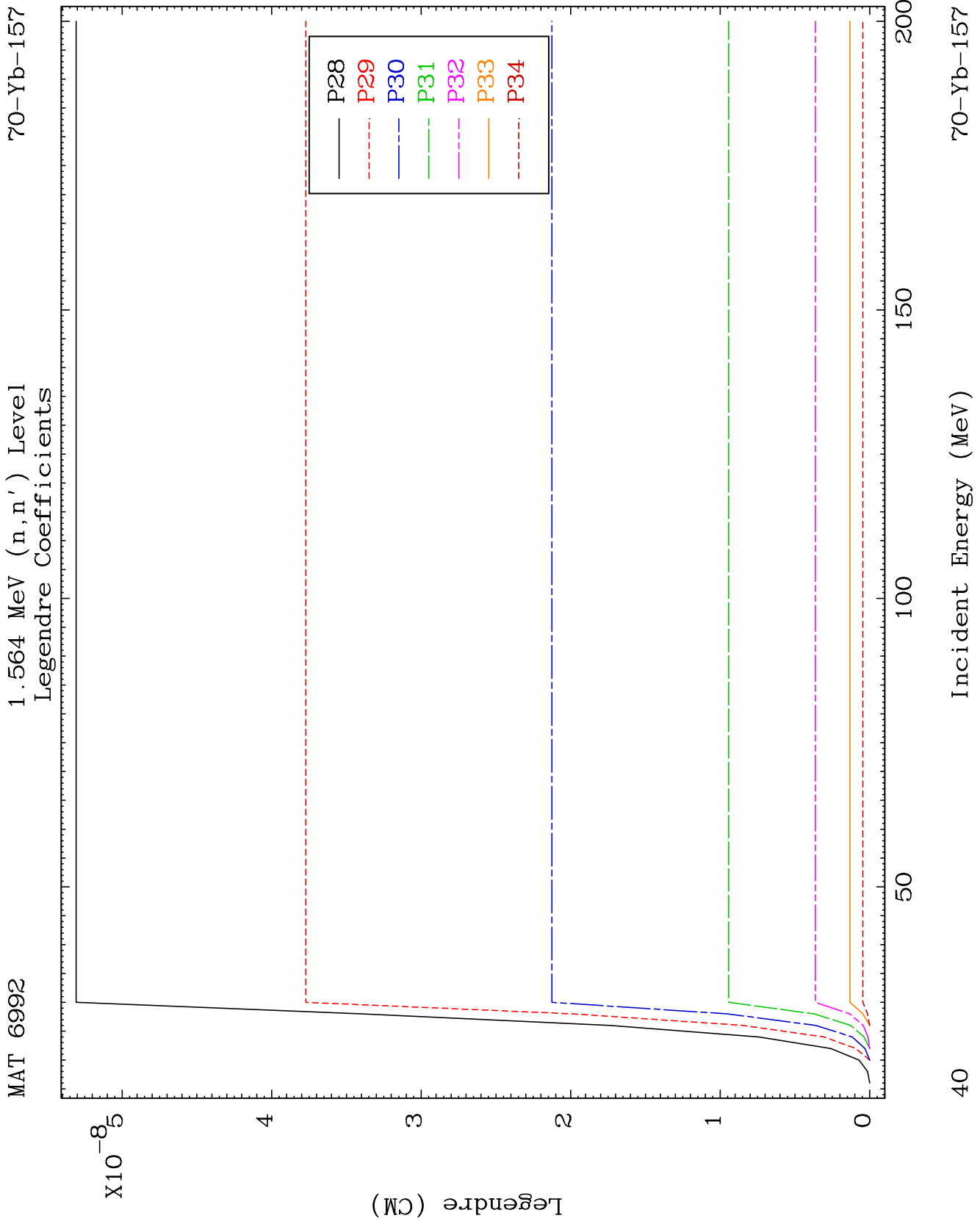
38

Incident Energy (MeV)

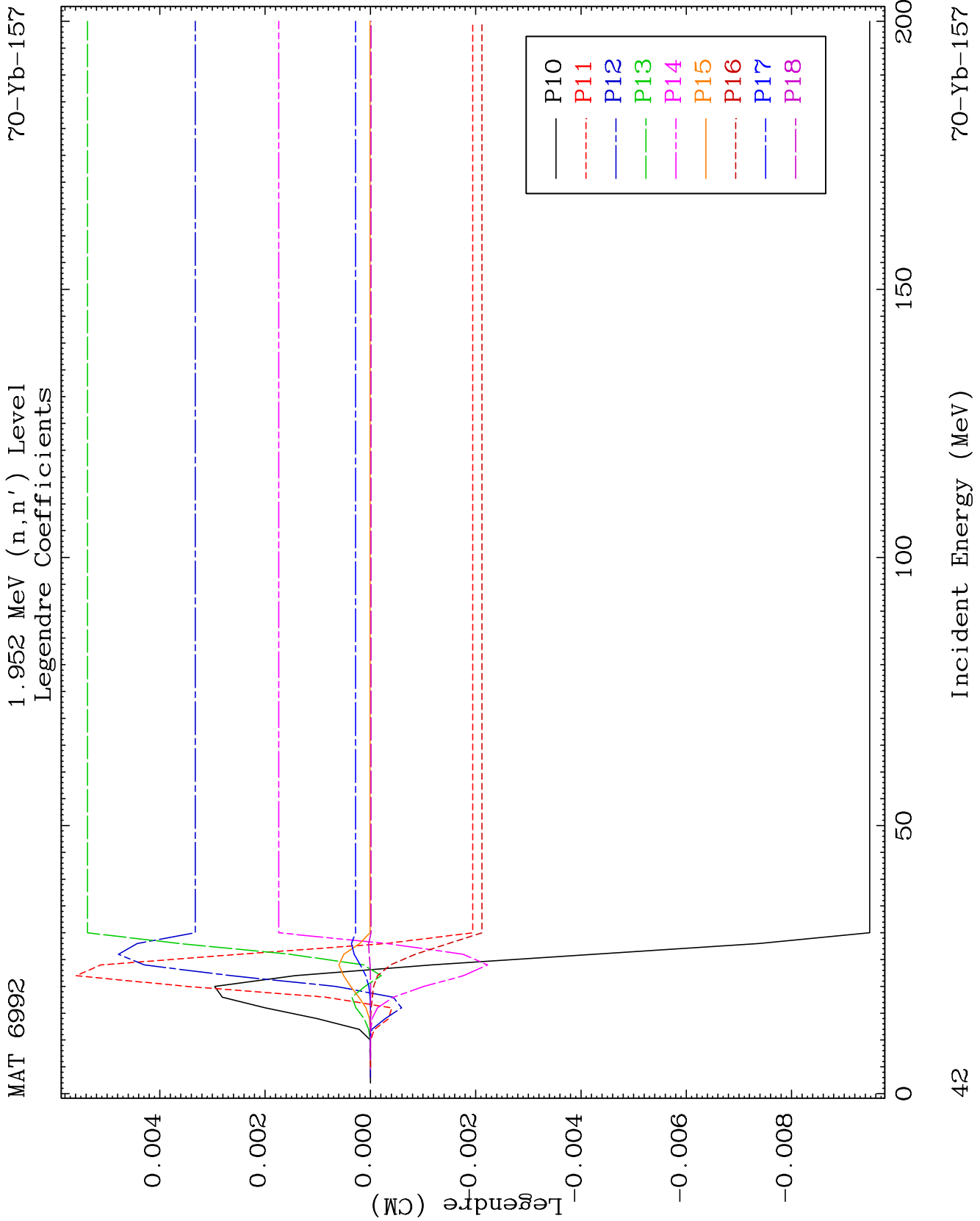
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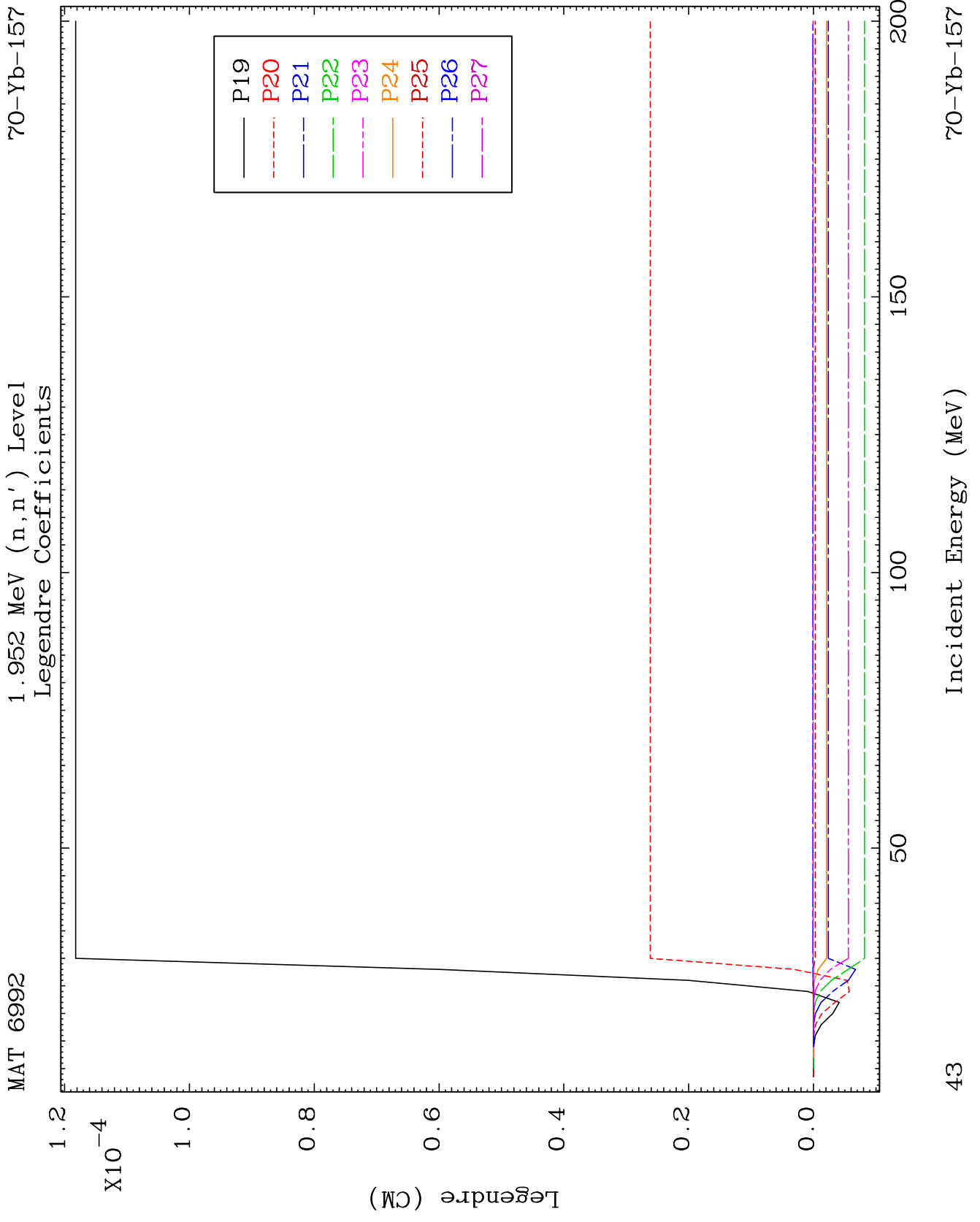








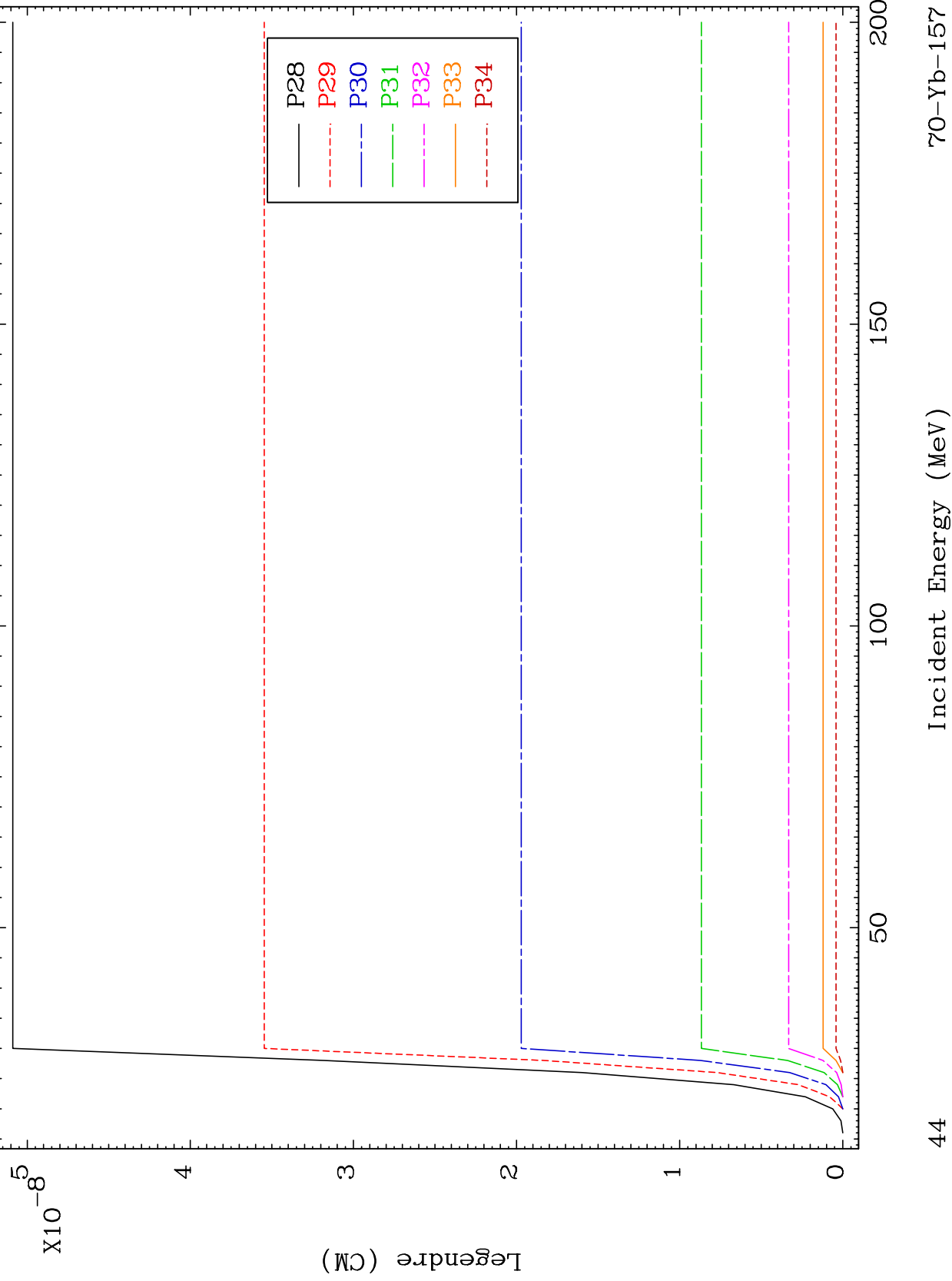




MAT 6992

1.952 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



44

Incident Energy (MeV)

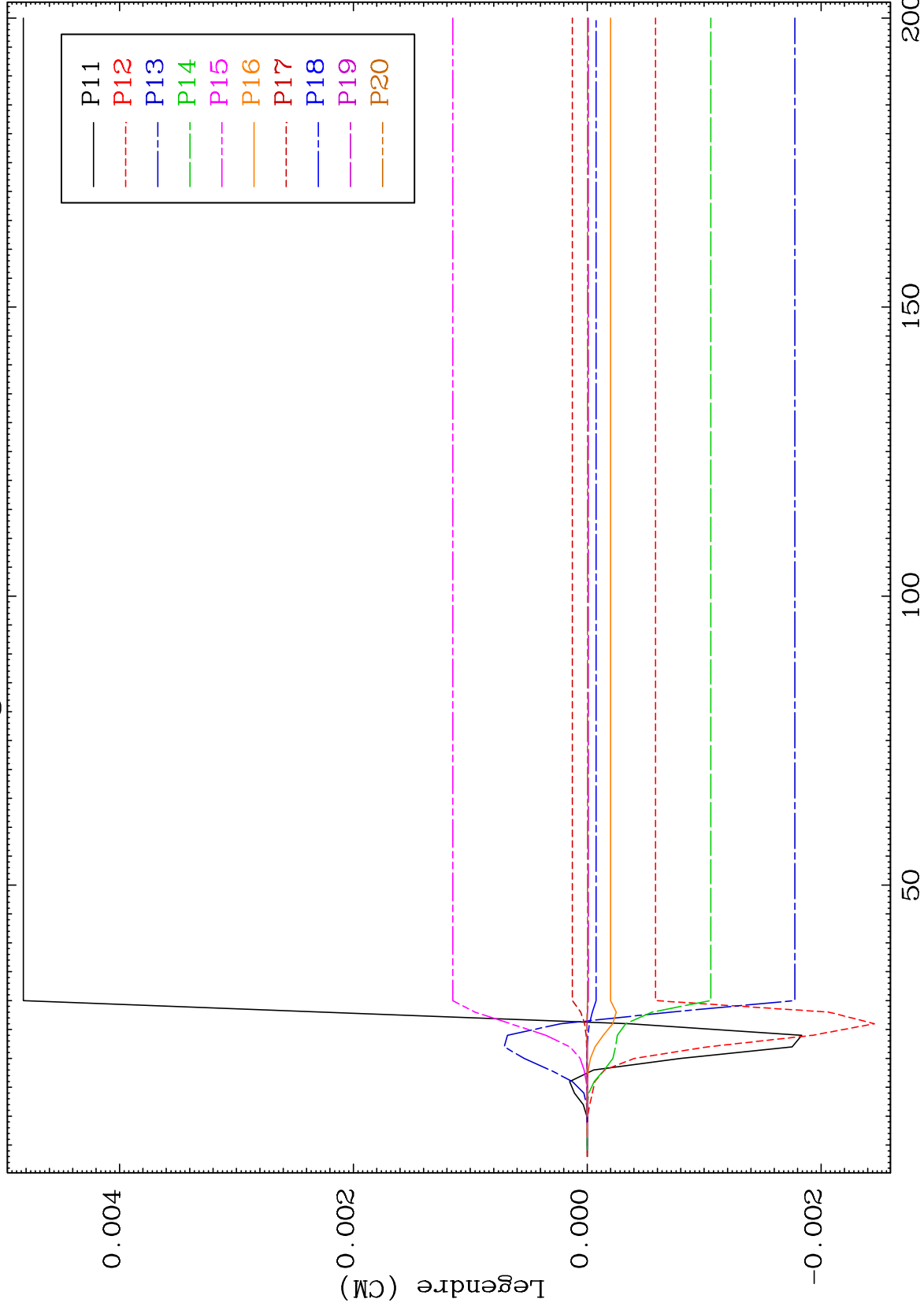
70-Yb-157



MAT 6992

2.151 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



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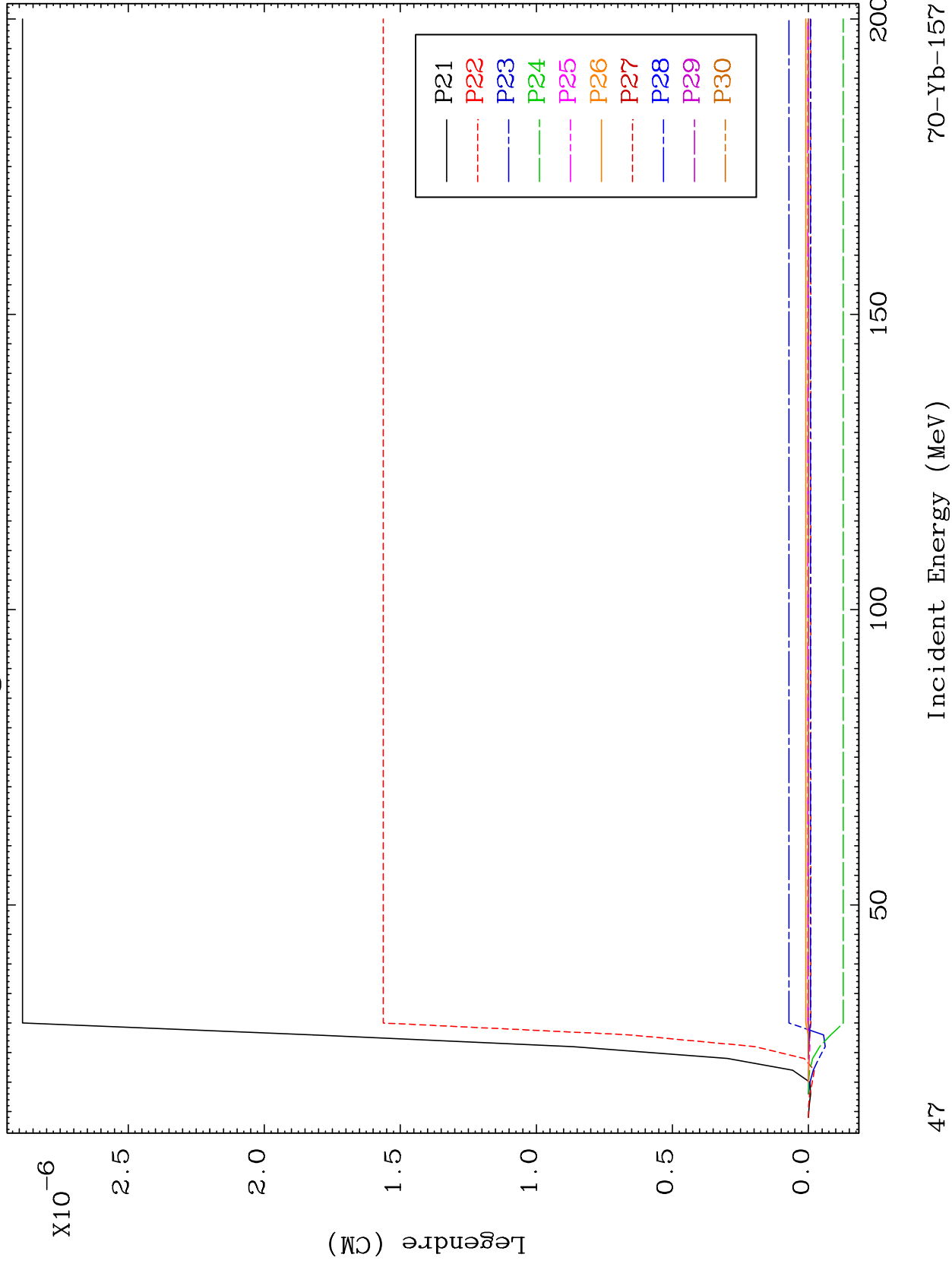
Incident Energy (MeV)

70-Yb-157

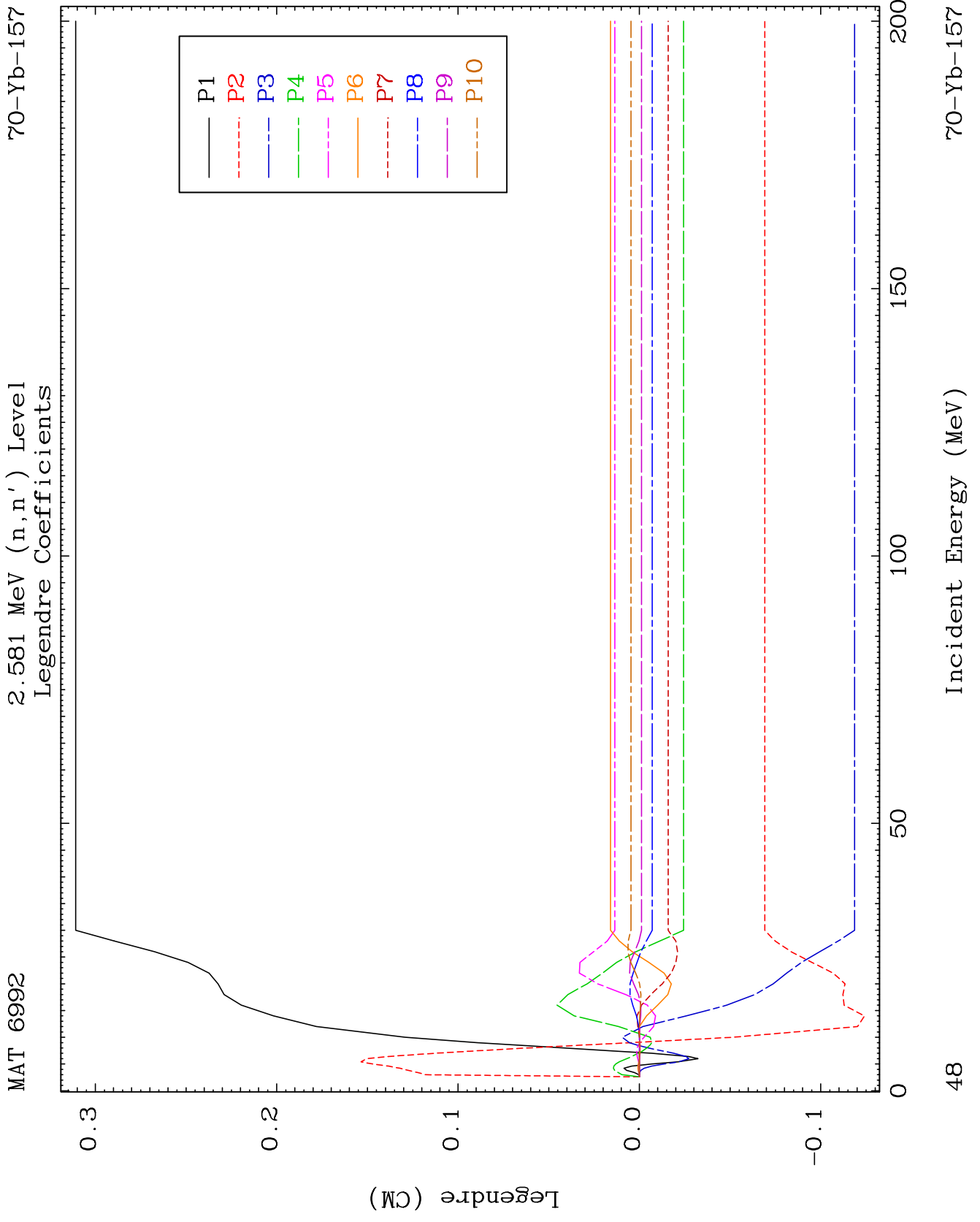
MAT 6992

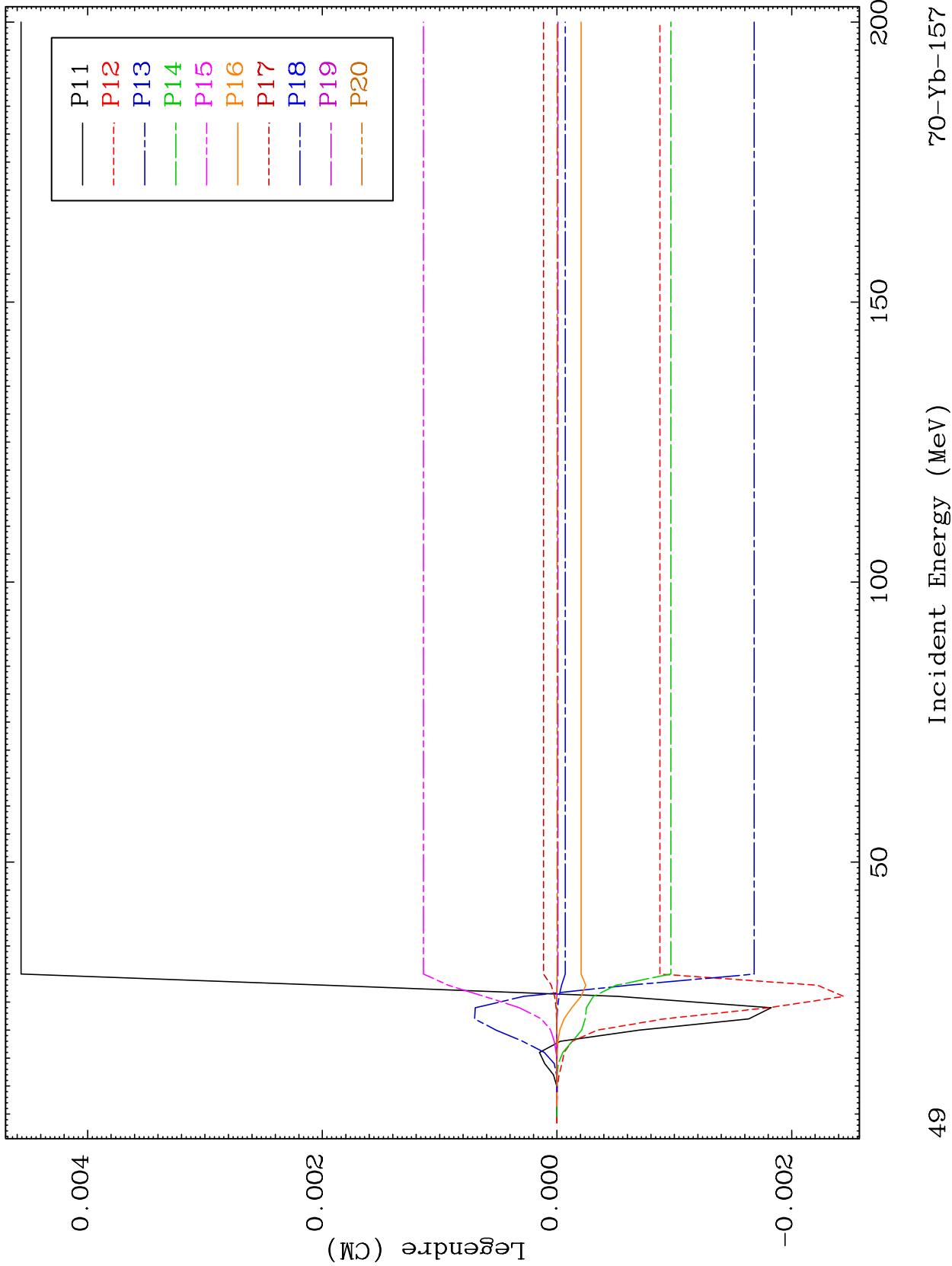
2.151 MeV (n,n') Level  
Legendre Coefficients

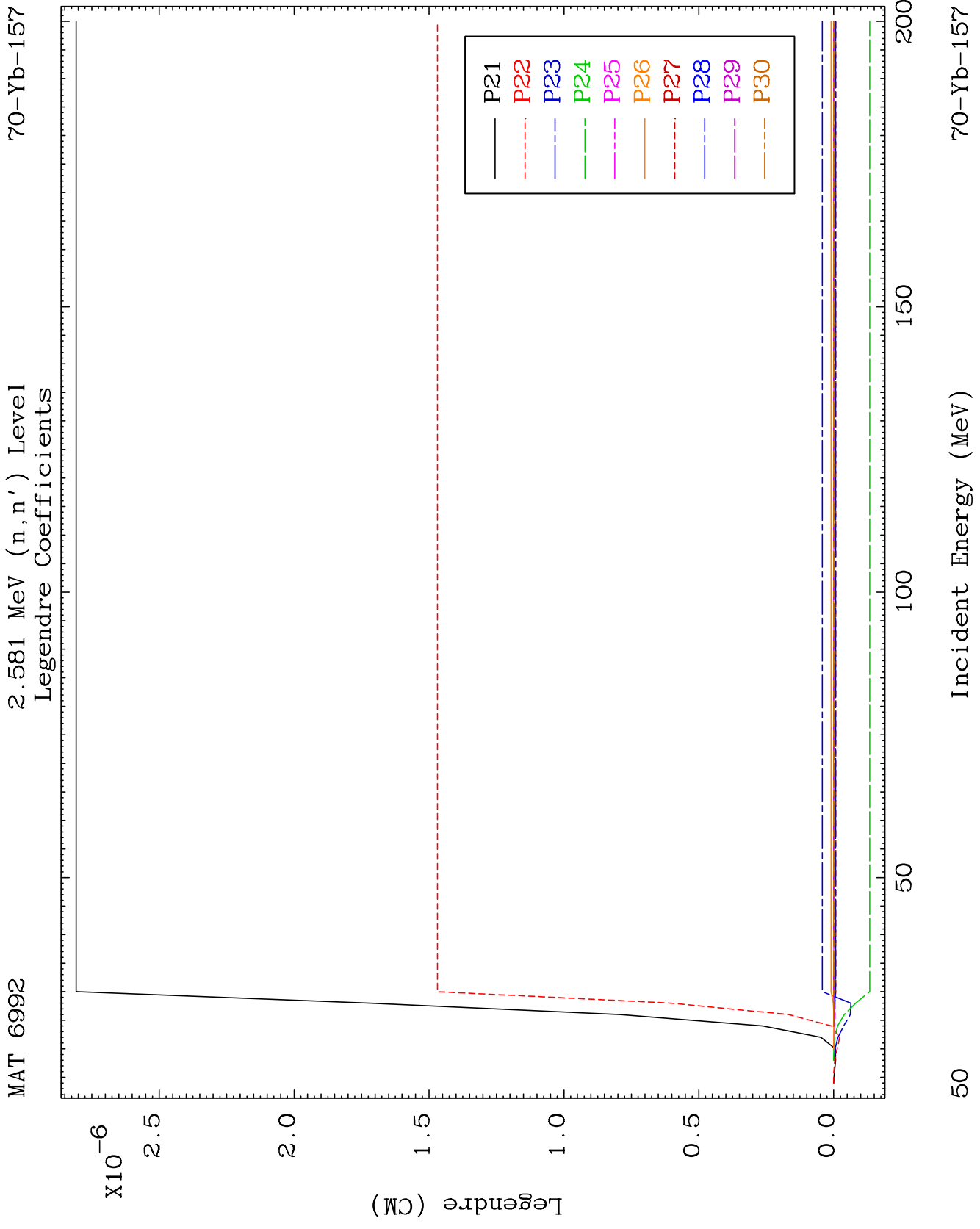
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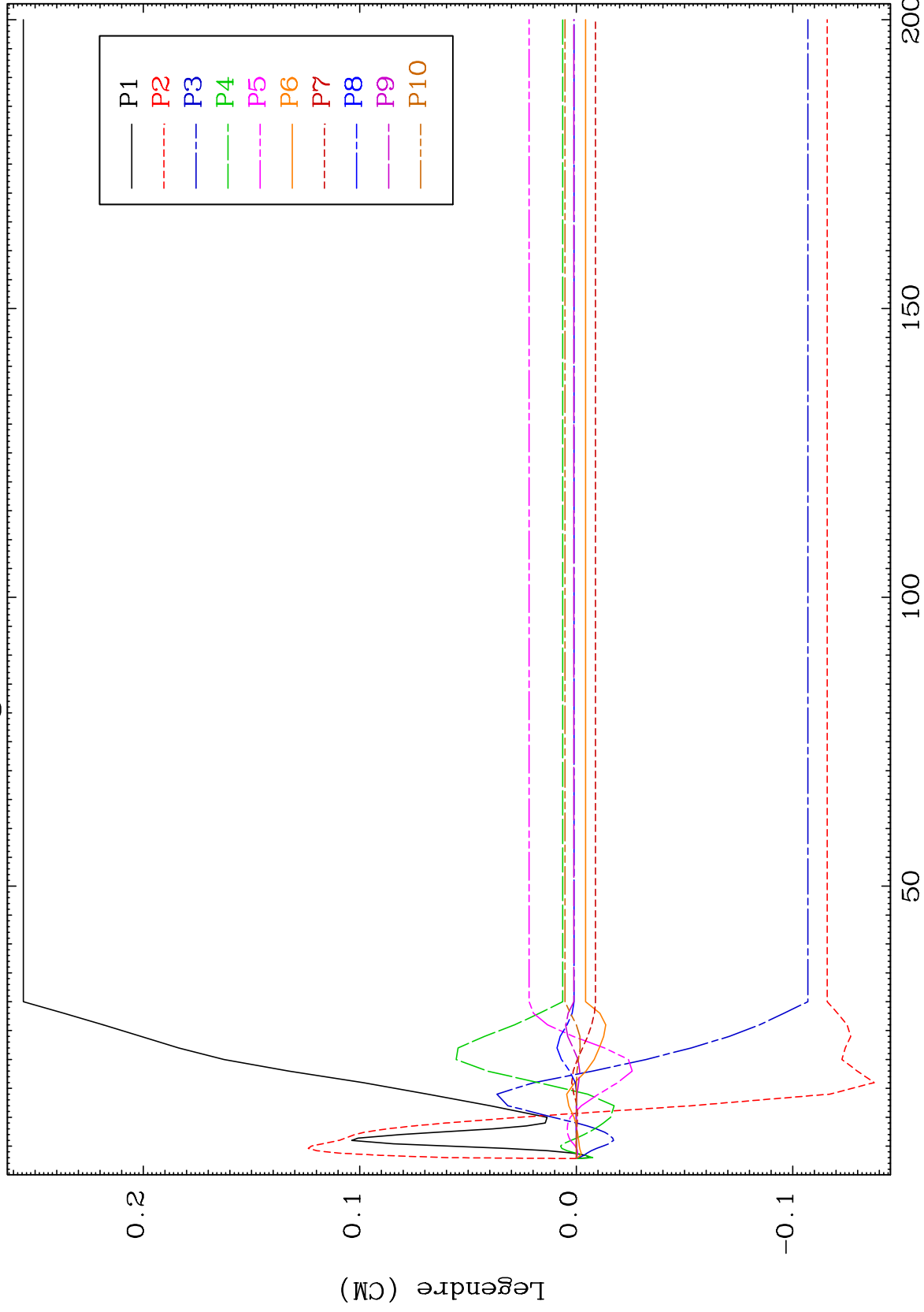




MAT 6992

2.824 MeV (n,n') Level  
Legendre Coefficients

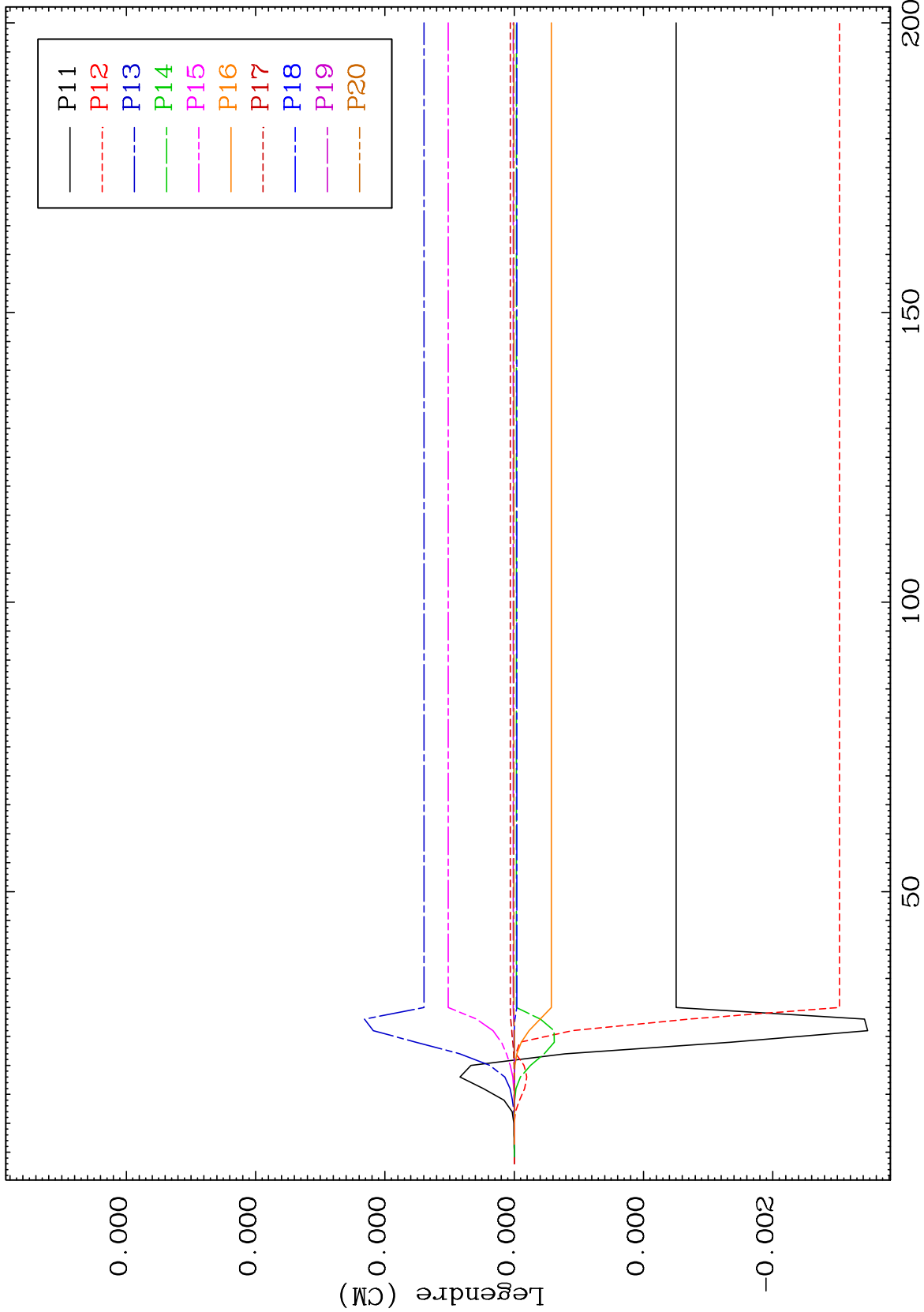
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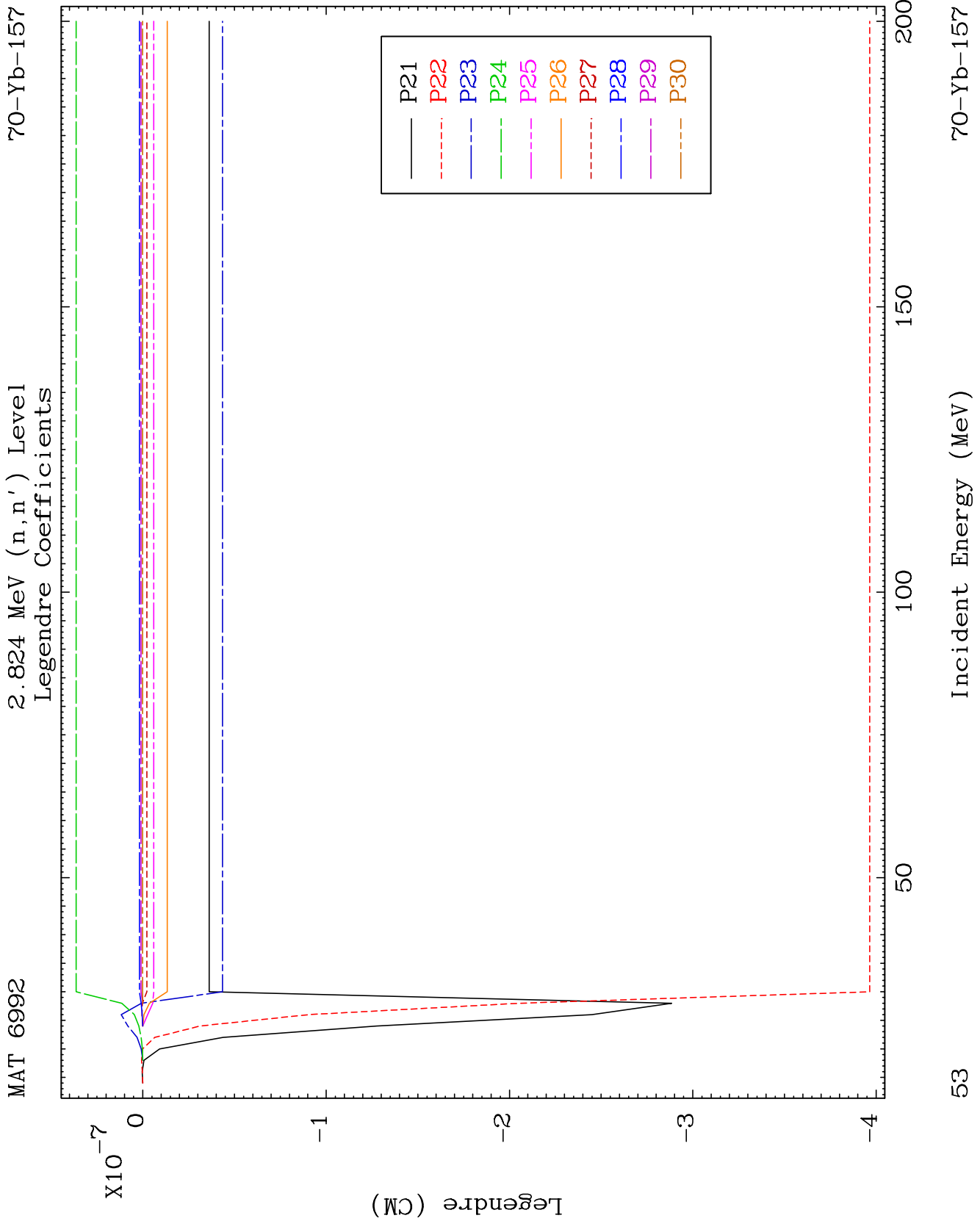


51

Incident Energy (MeV)

70-Yb-157

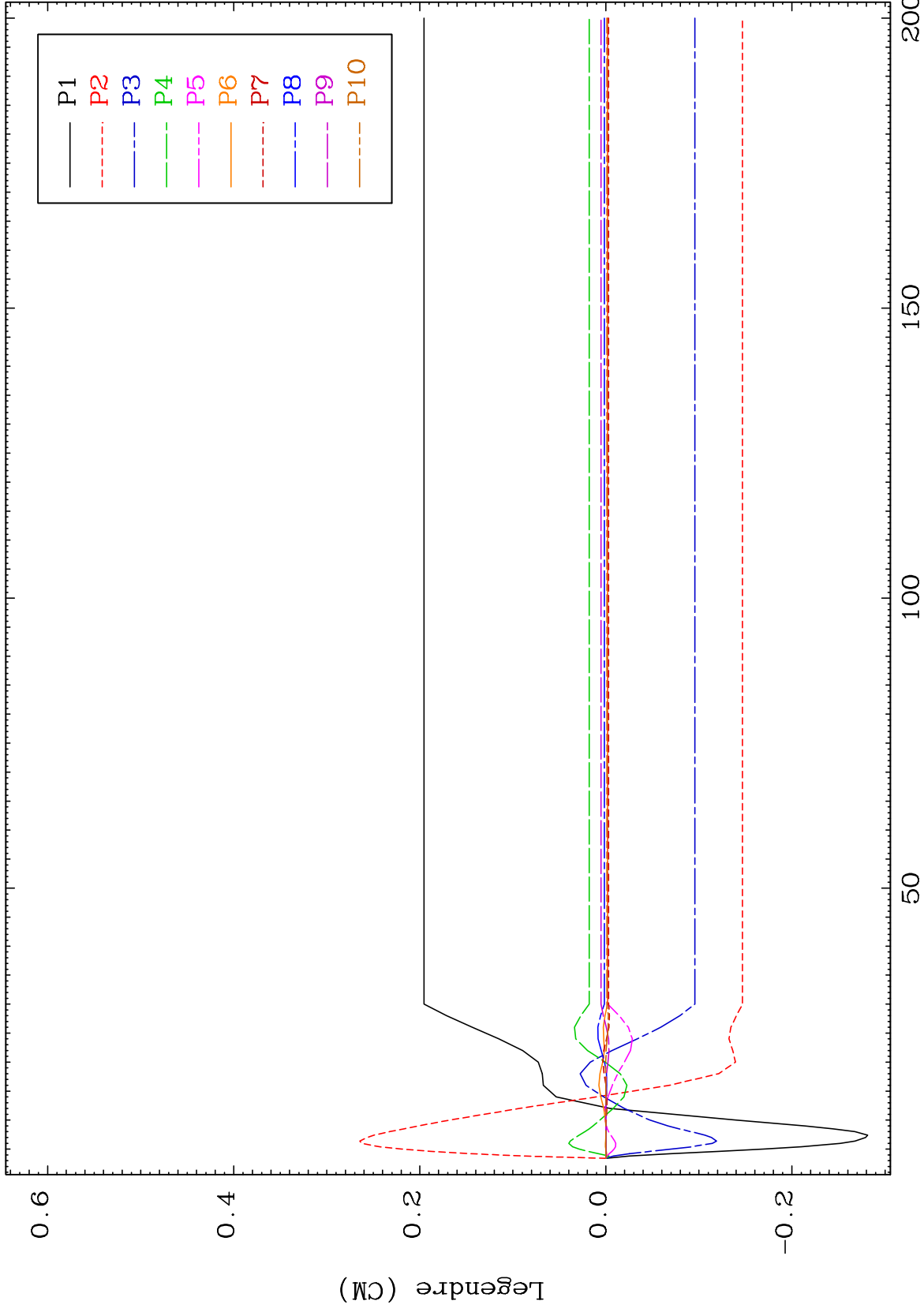




MAT 6992

3.373 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



54

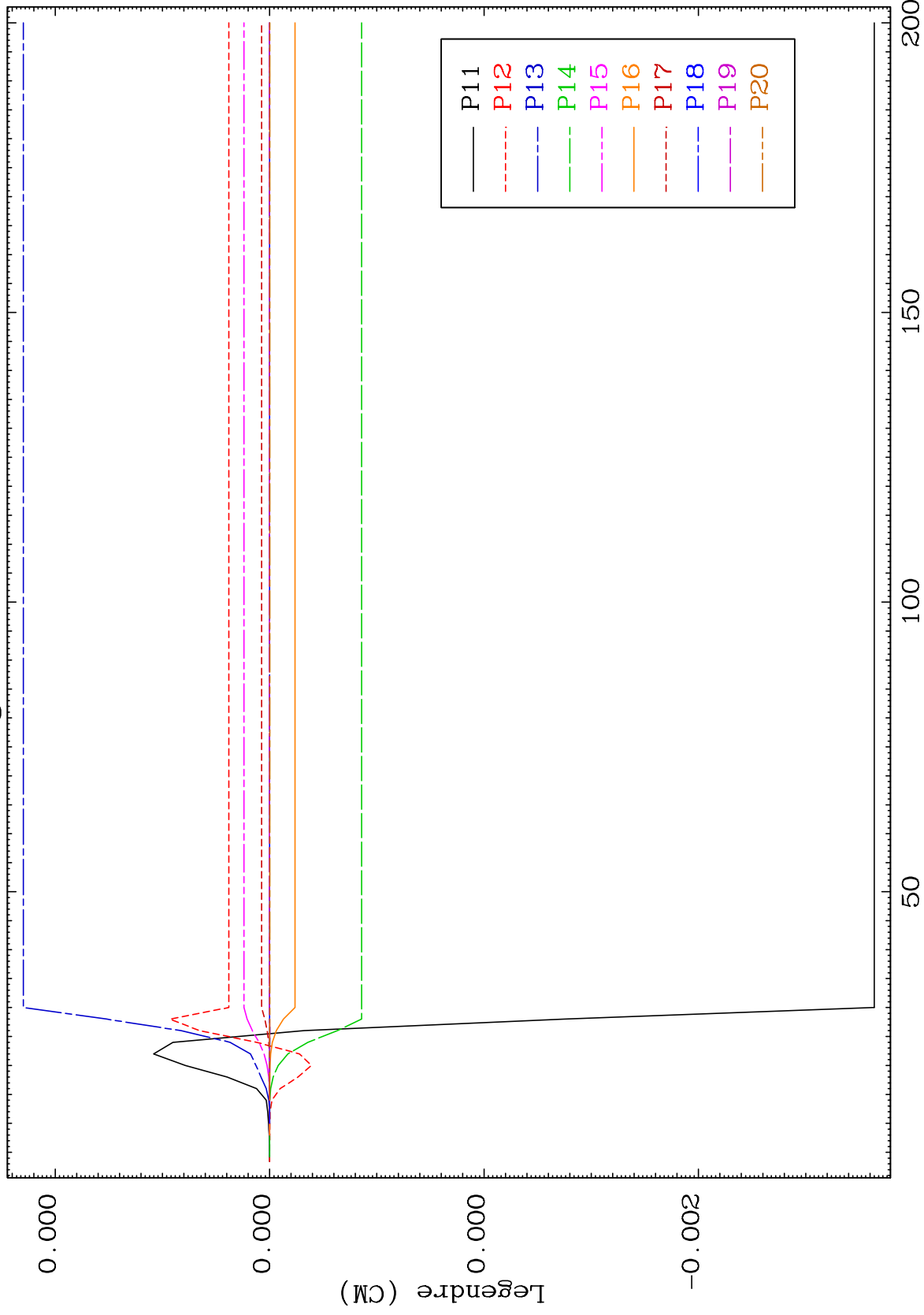
Incident Energy (MeV)

70-Yb-157

MAT 6992

3.373 MeV (n, n') Level  
Legendre Coefficients

70-Yb-157

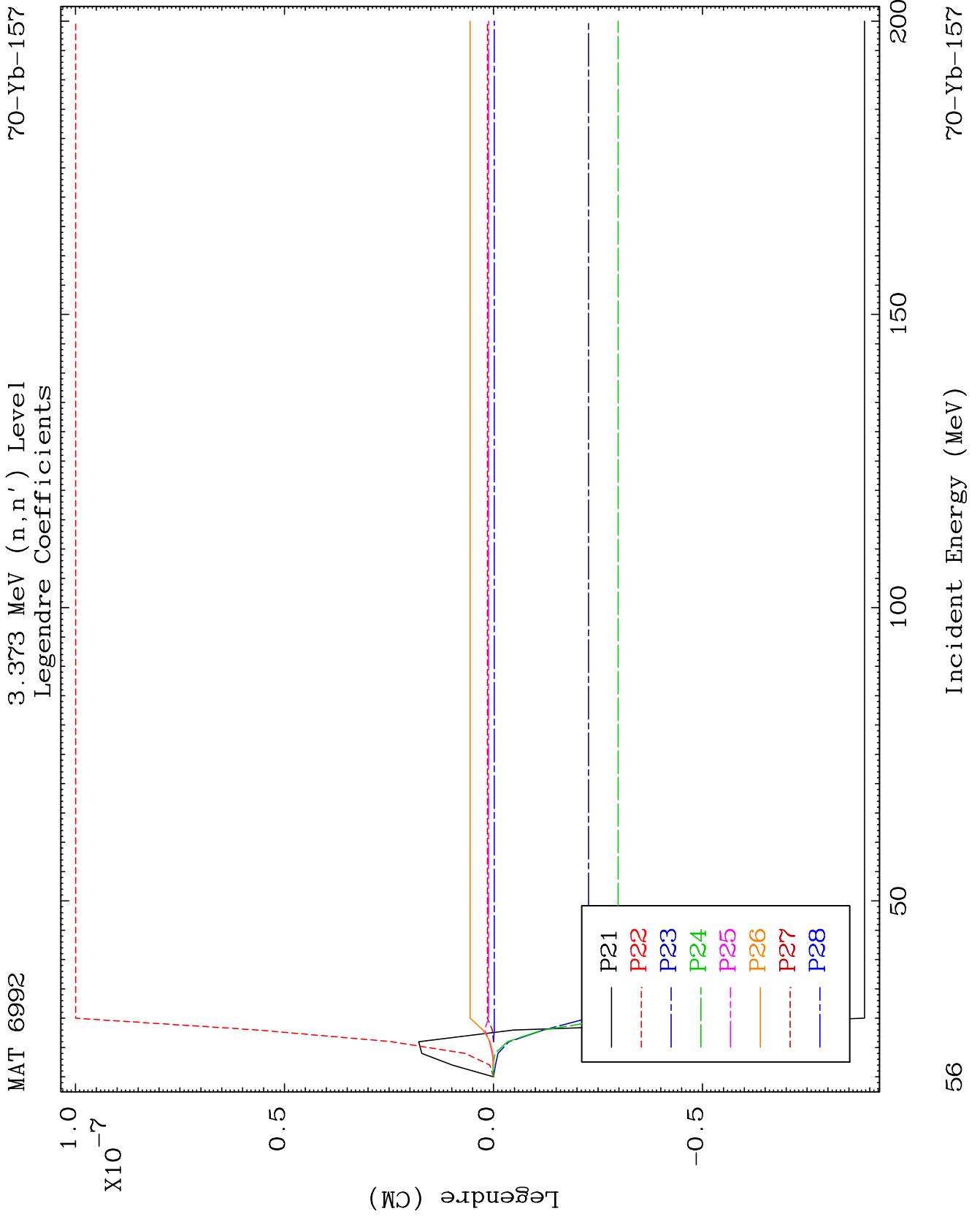


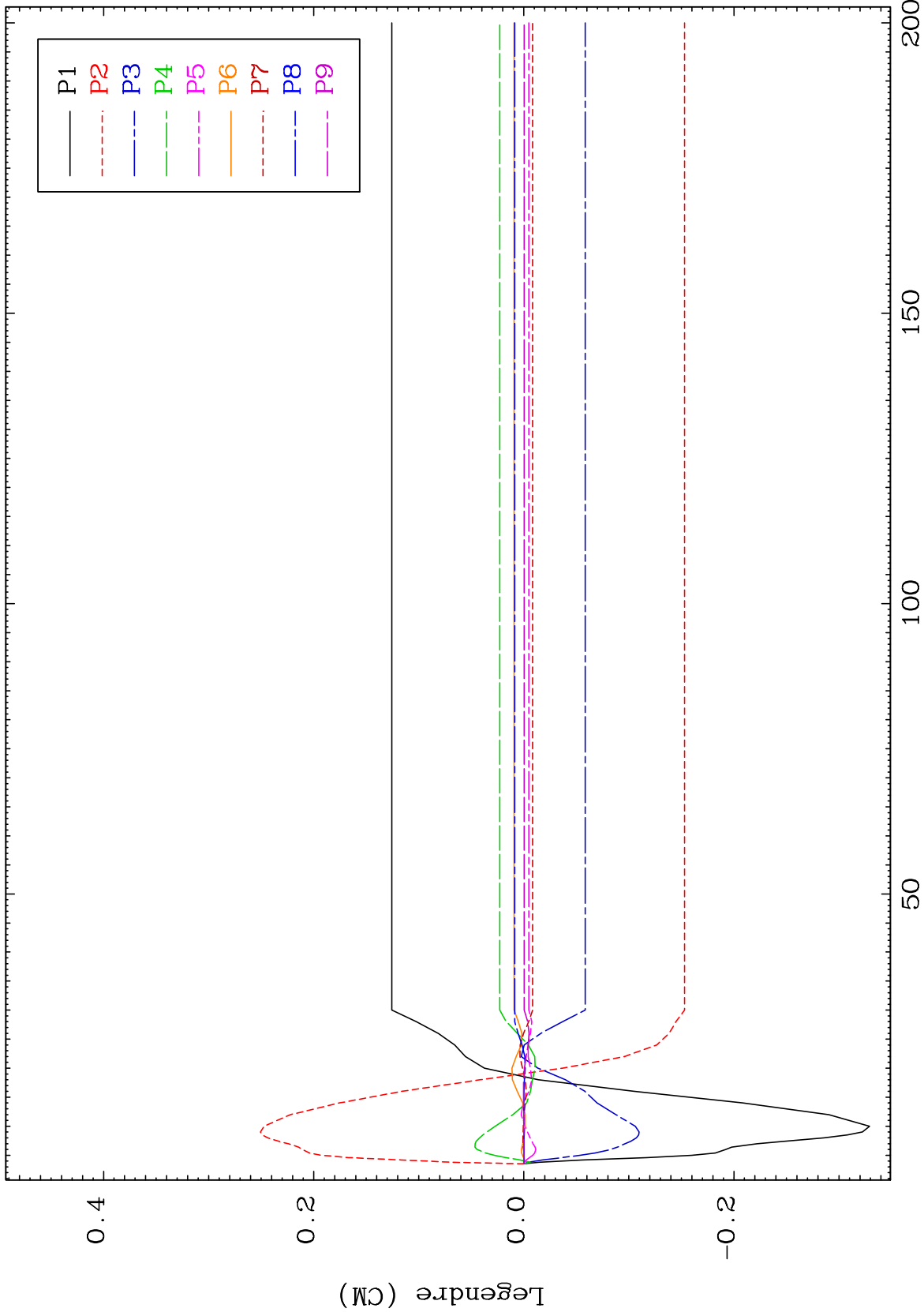
55

Incident Energy (MeV)

70-Yb-157



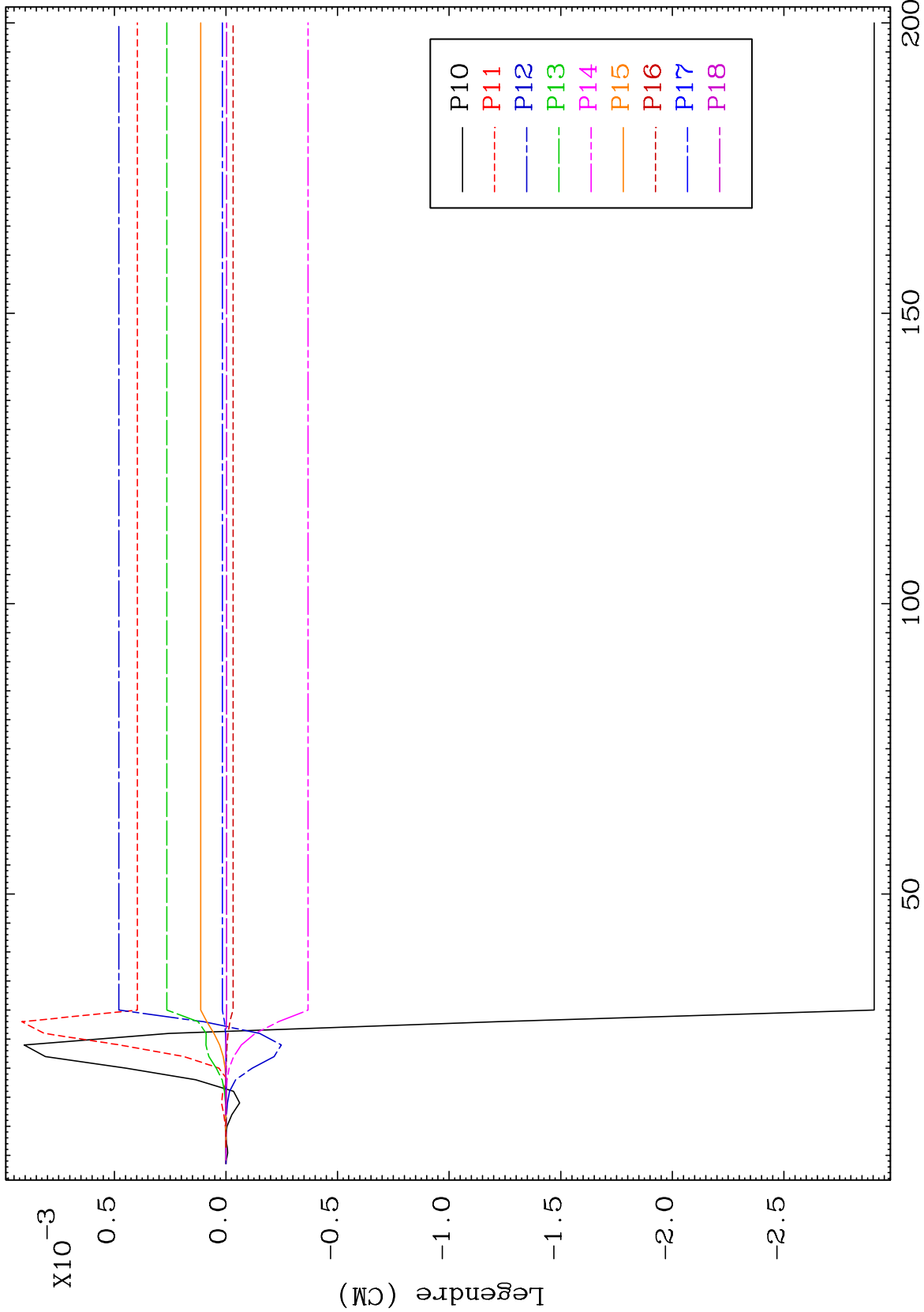


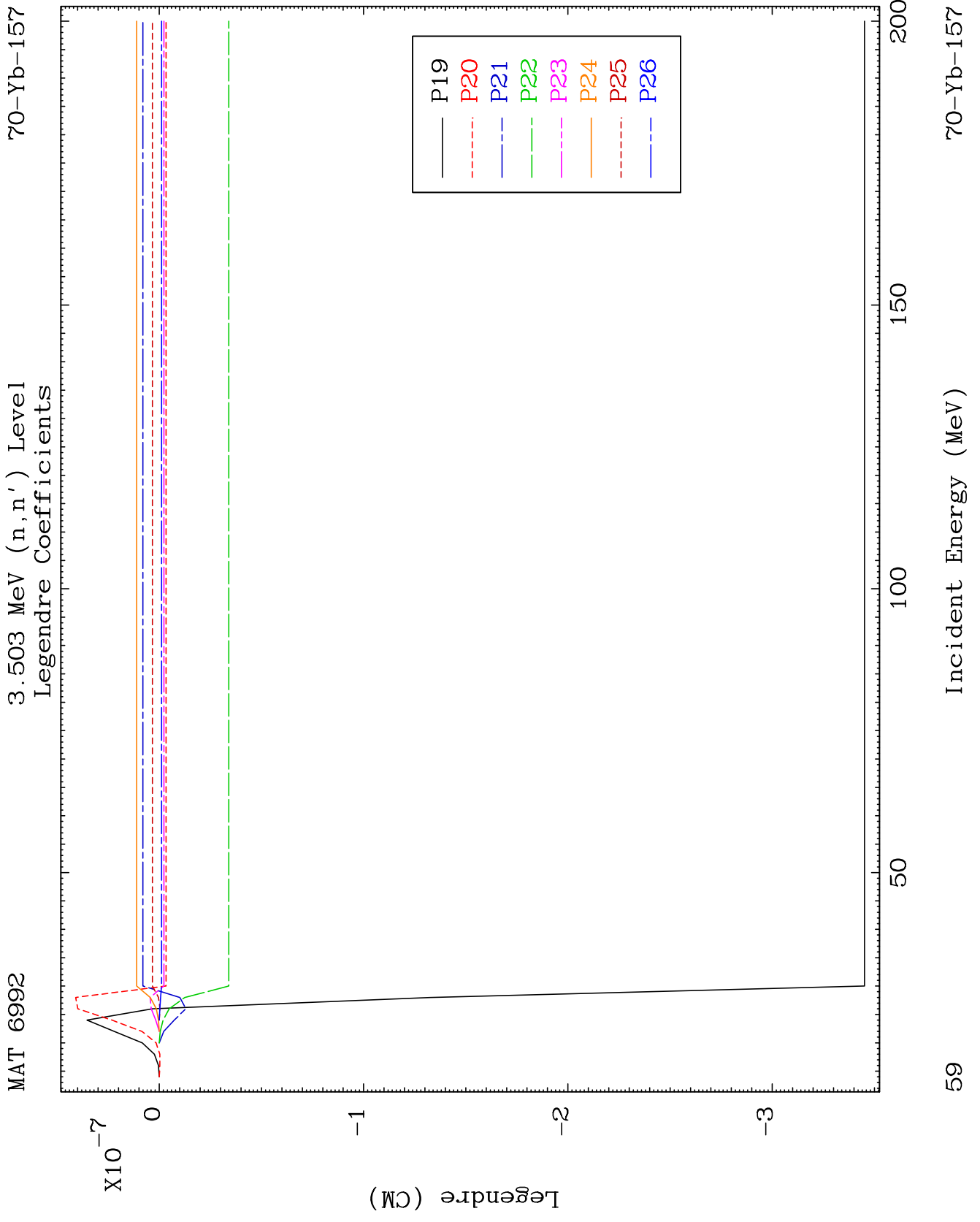


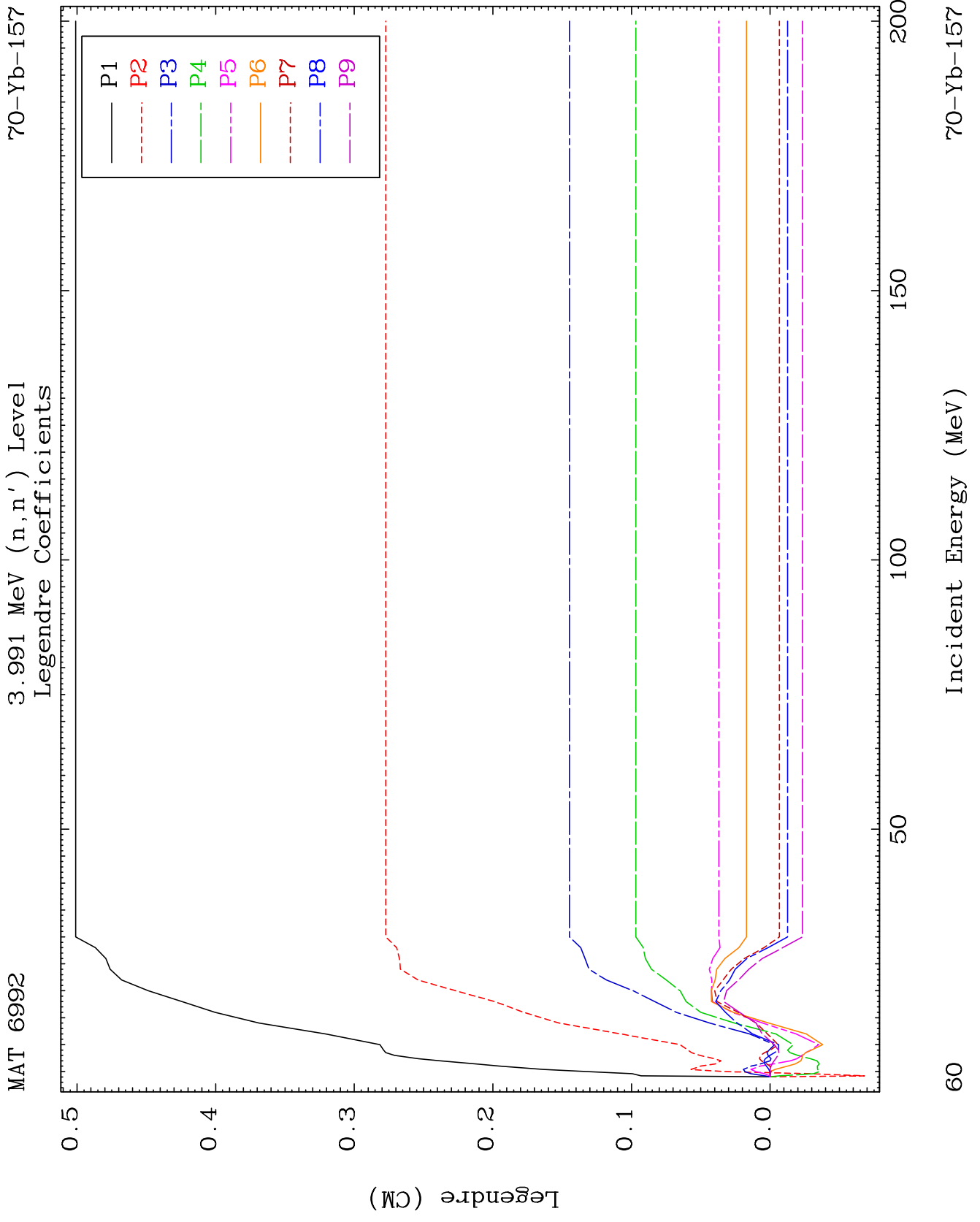
MAT 6992

3.503 MeV (n, n') Level  
Legendre Coefficients

70-Yb-157



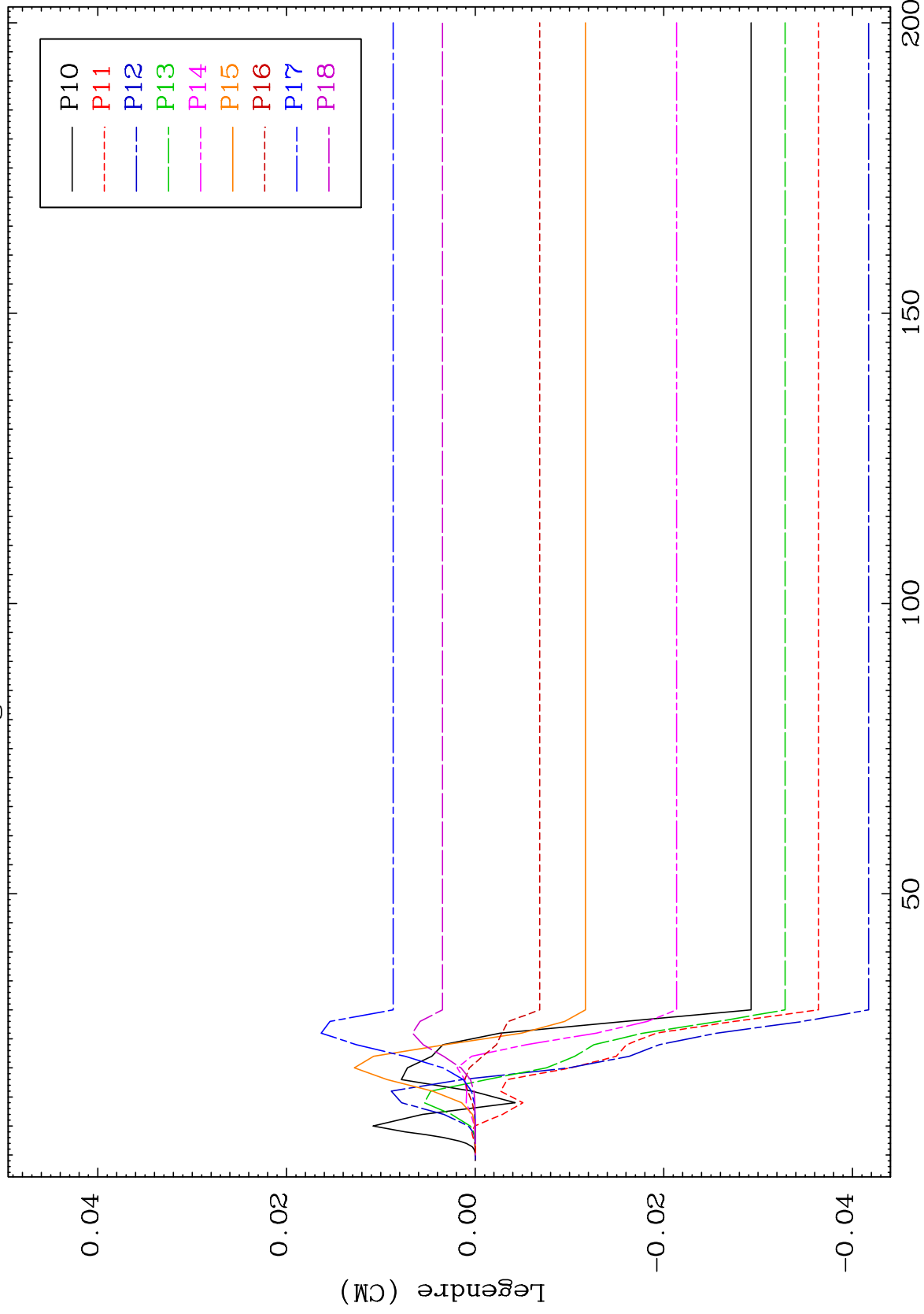




MAT 6992

3.991 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



61

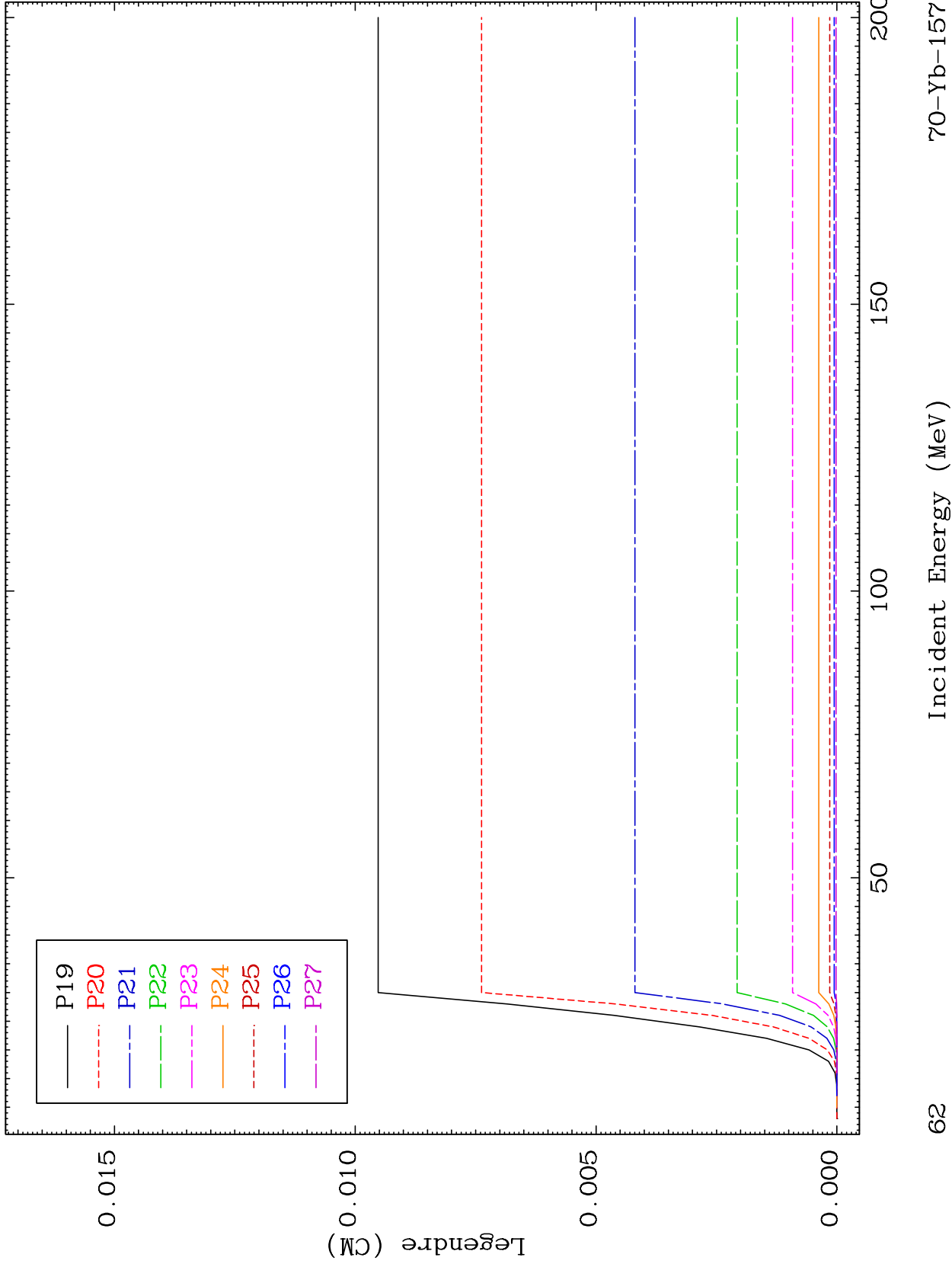
Incident Energy (MeV)

70-Yb-157

MAT 6992

3.991 MeV (n,n') Level  
Legendre Coefficients

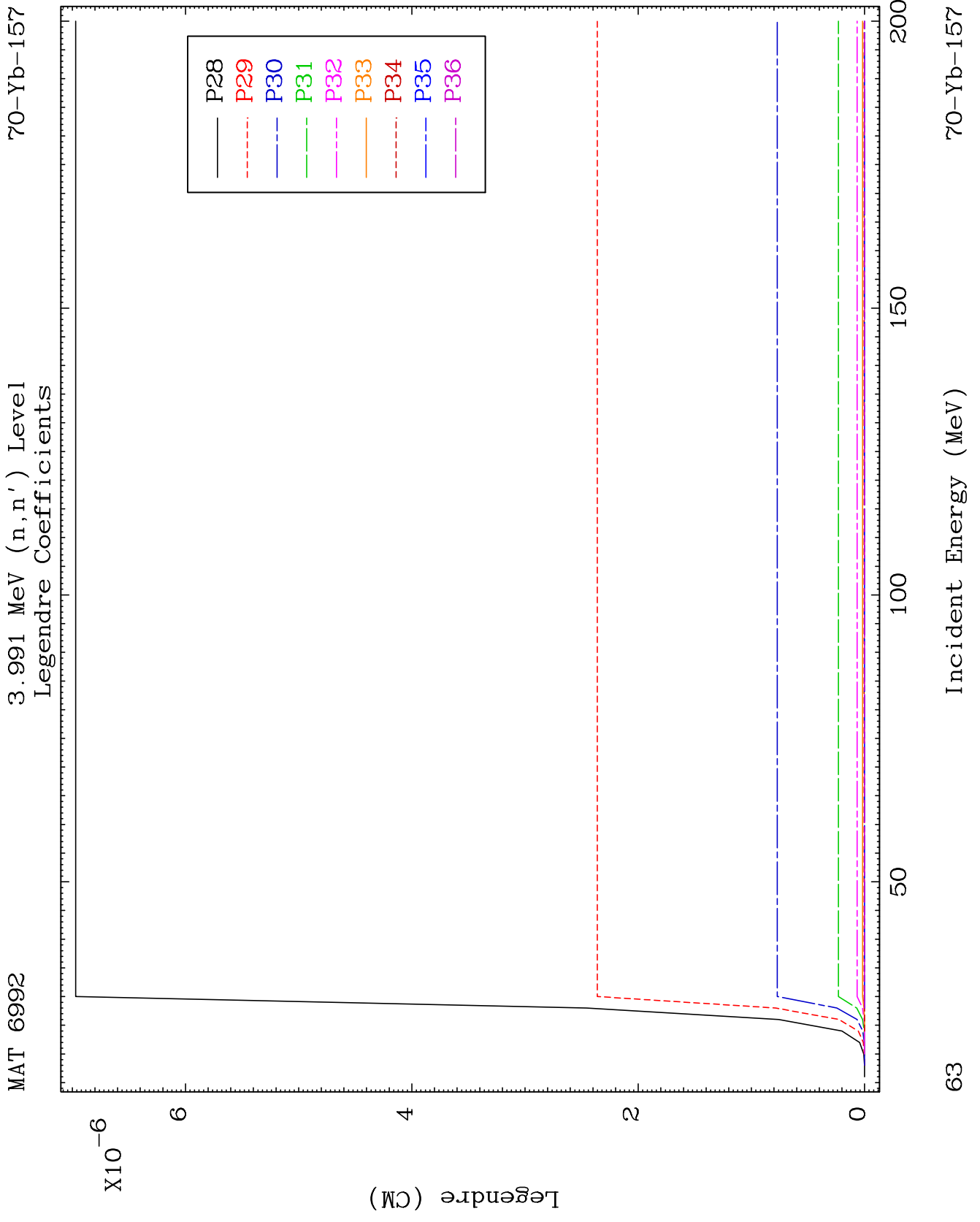
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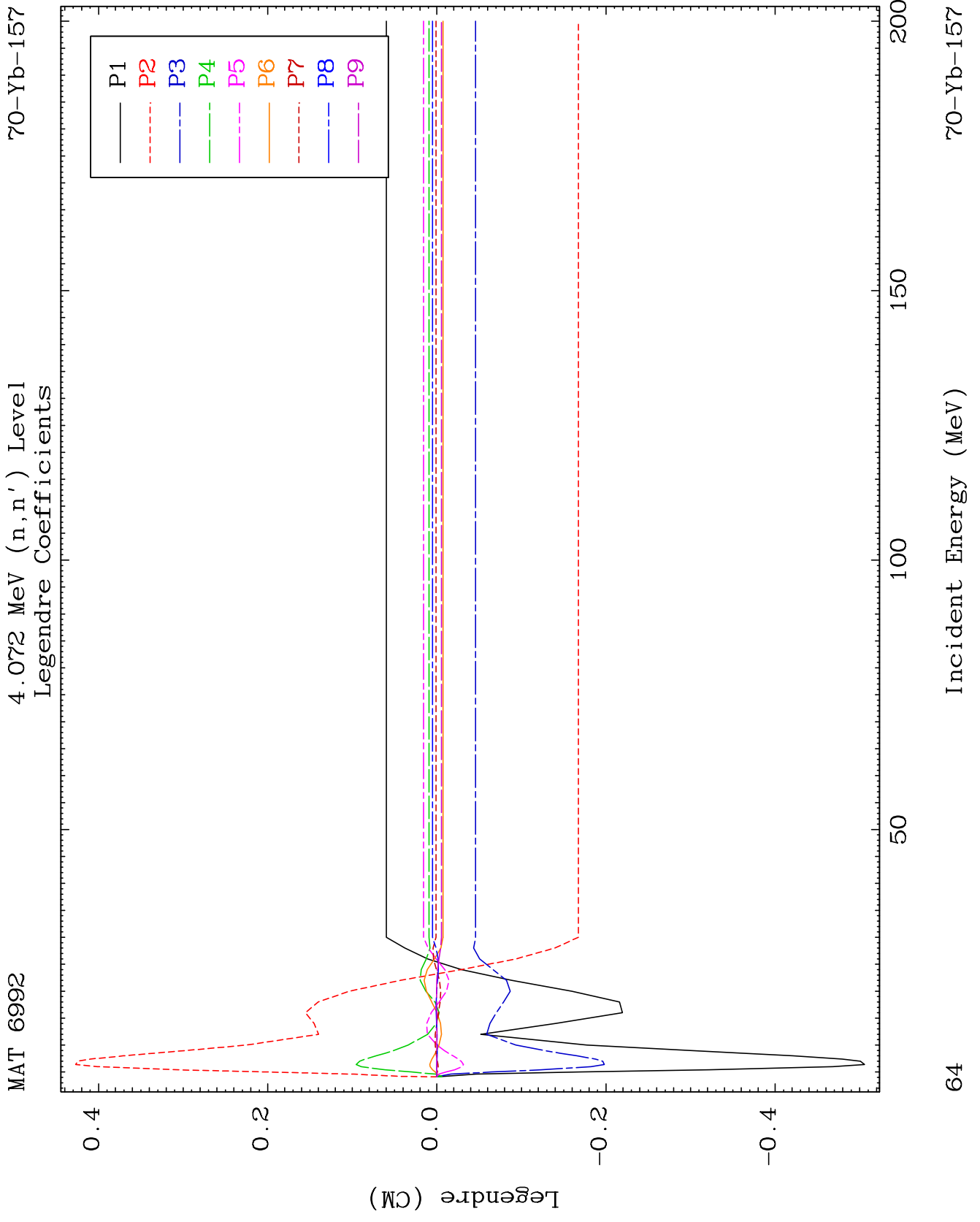
62

Incident Energy (MeV)

70-Yb-157



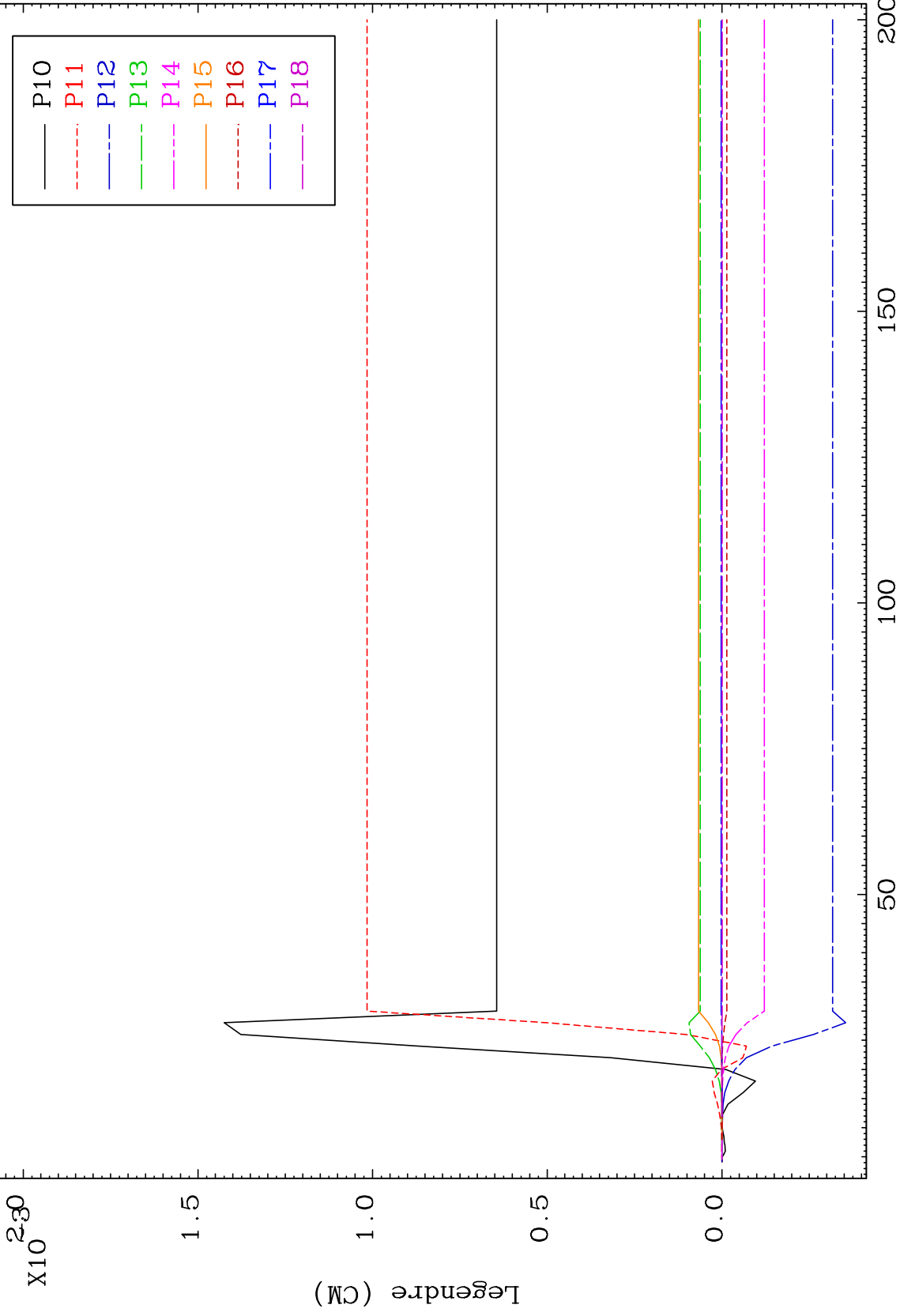




MAT 6992

4.072 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



65

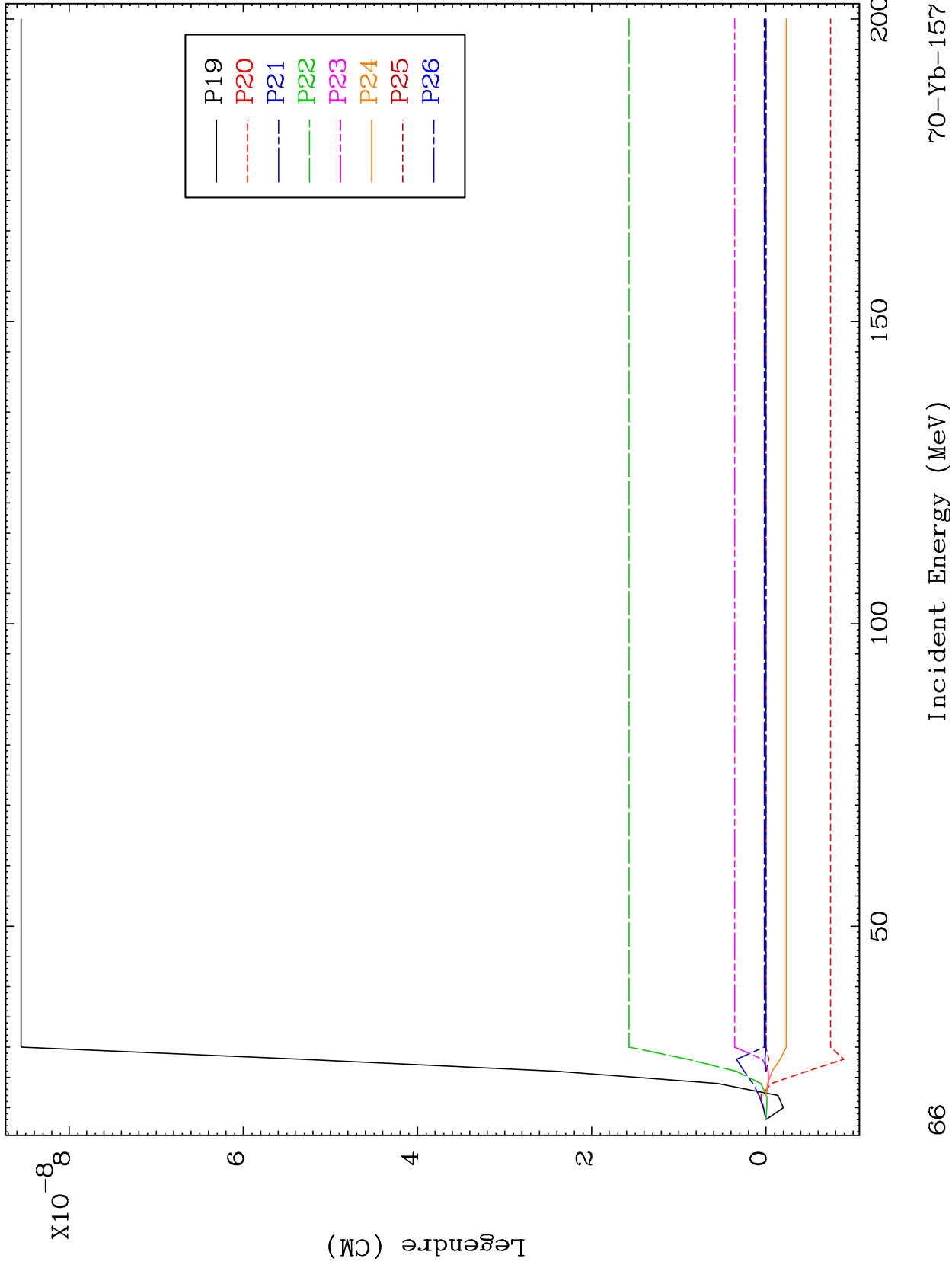
Incident Energy (MeV)

70-Yb-157

MAT 6992

4.072 MeV (n, n') Level  
Legendre Coefficients

70-Yb-157



66

Incident Energy (MeV)

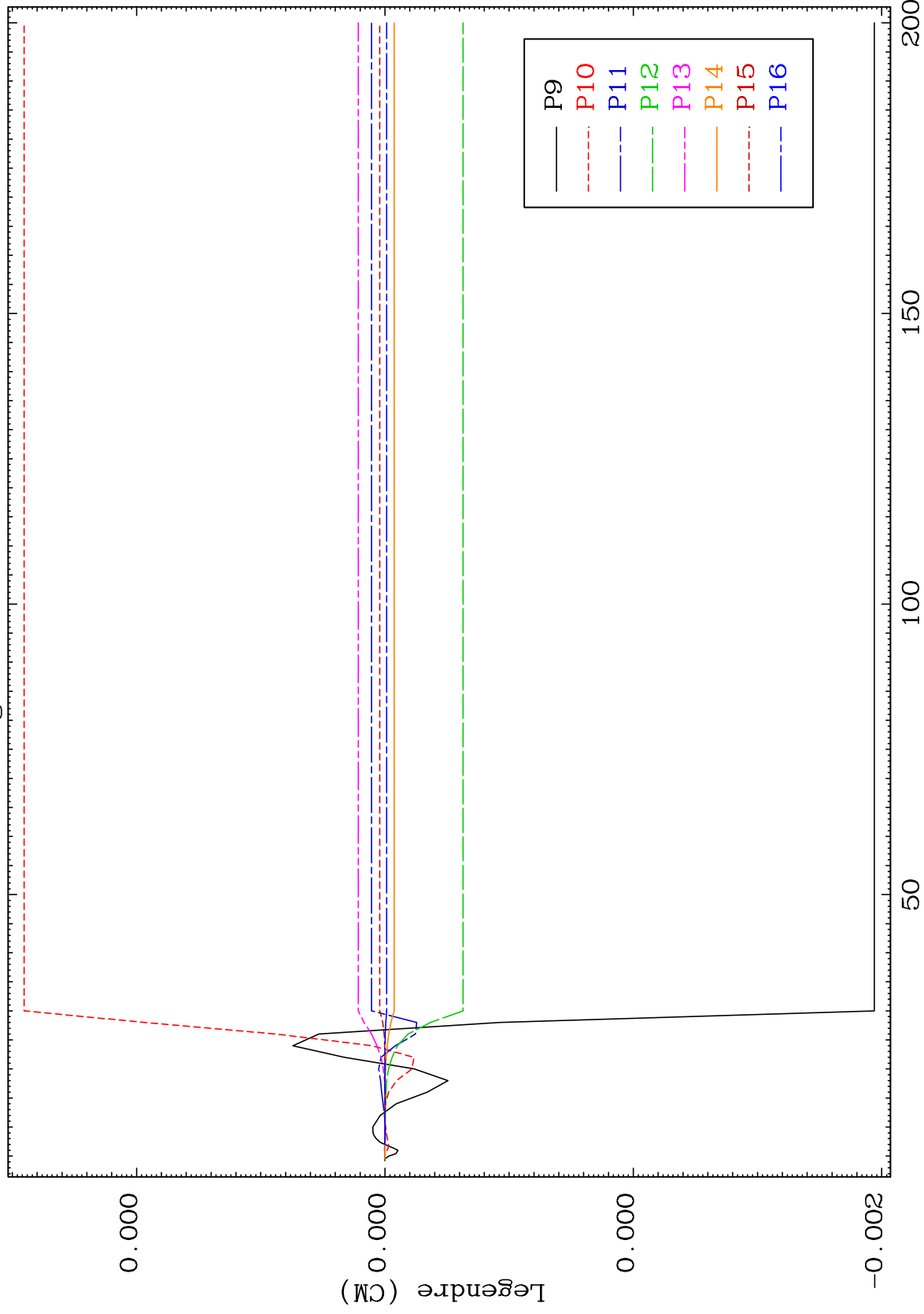
70-Yb-157



MAT 6992

4.184 MeV (n,n') Level  
Legendre Coefficients

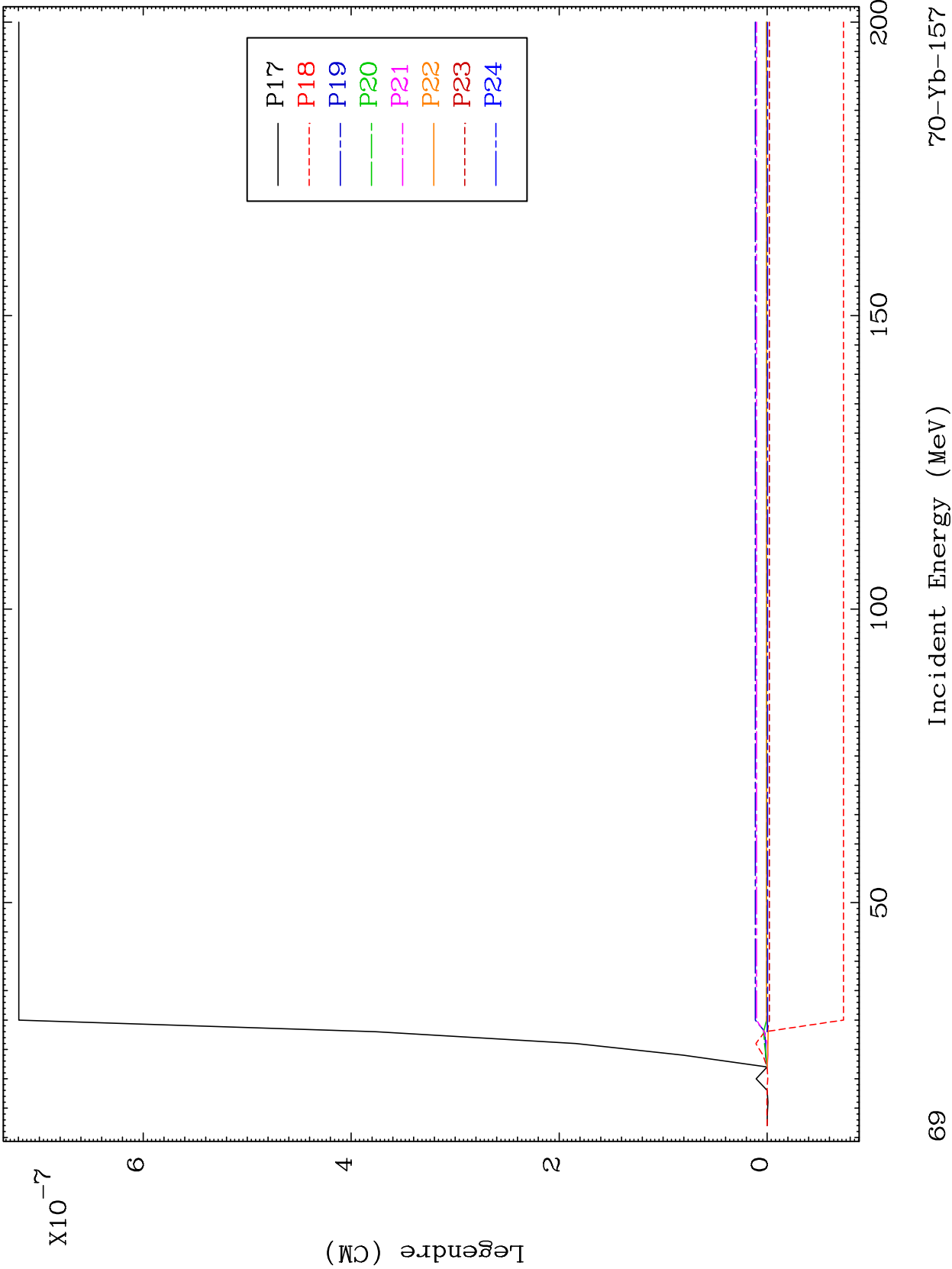
70-Yb-157

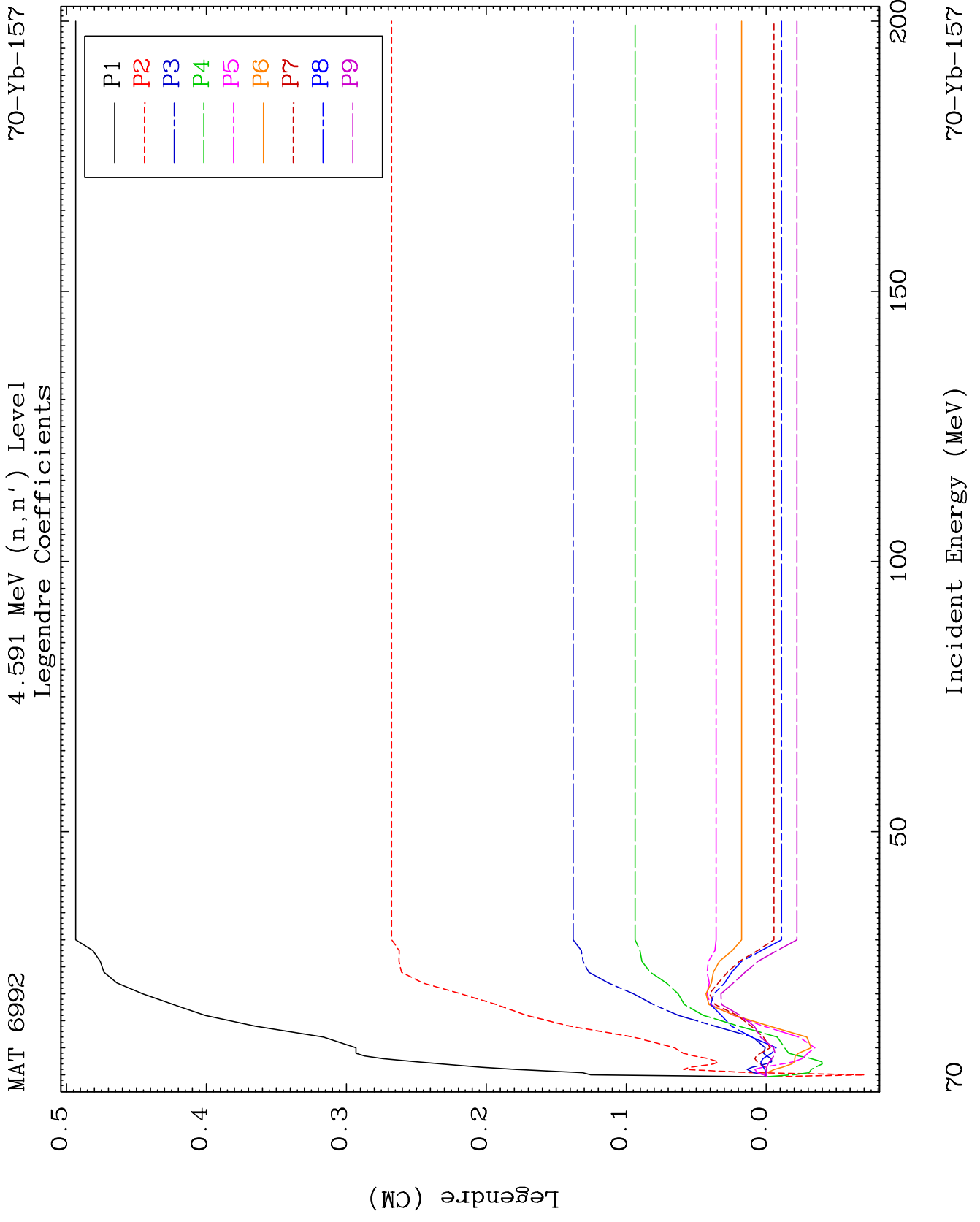


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Incident Energy (MeV)

70-Yb-157

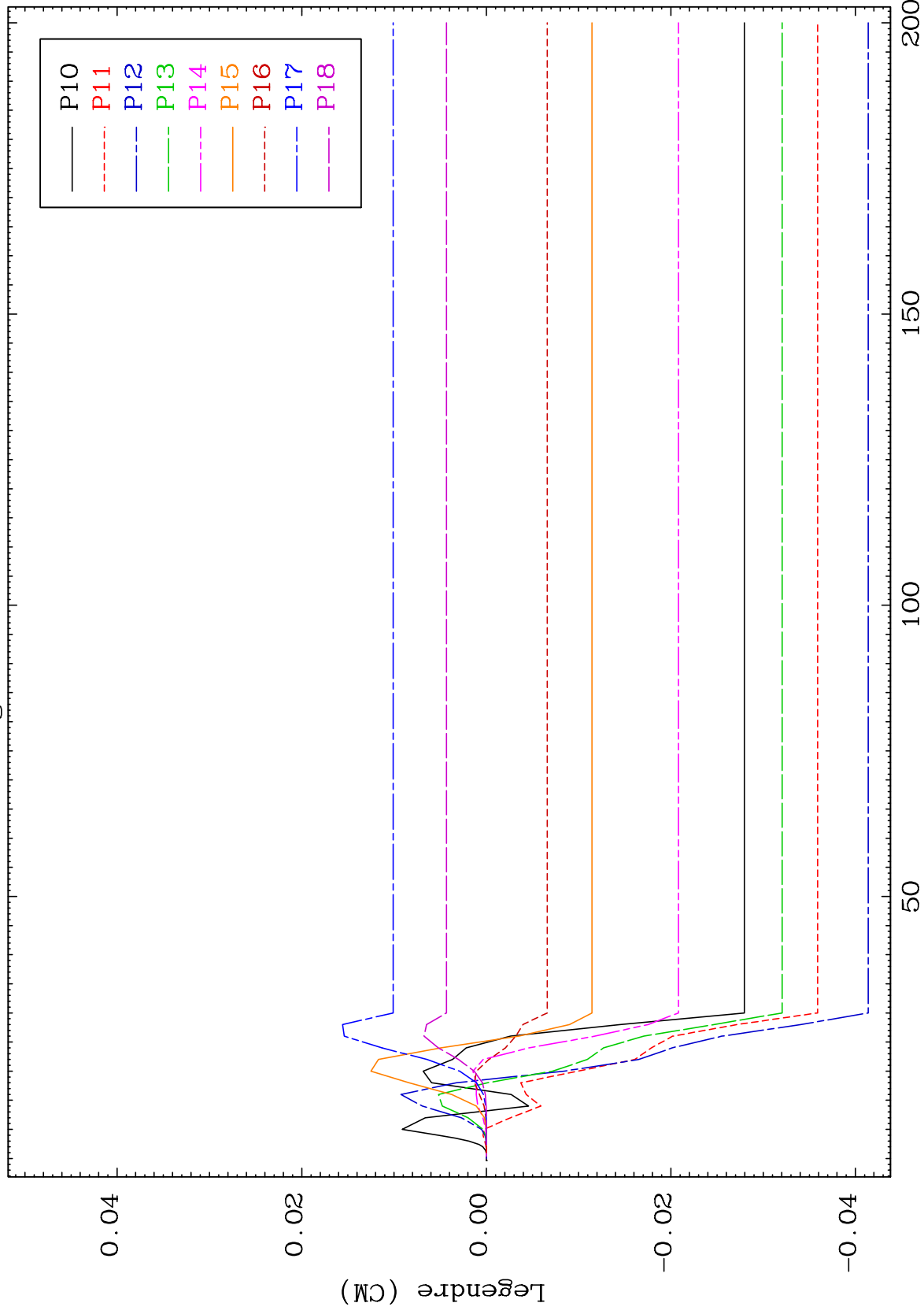




MAT 6992

4.591 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



71

Incident Energy (MeV)

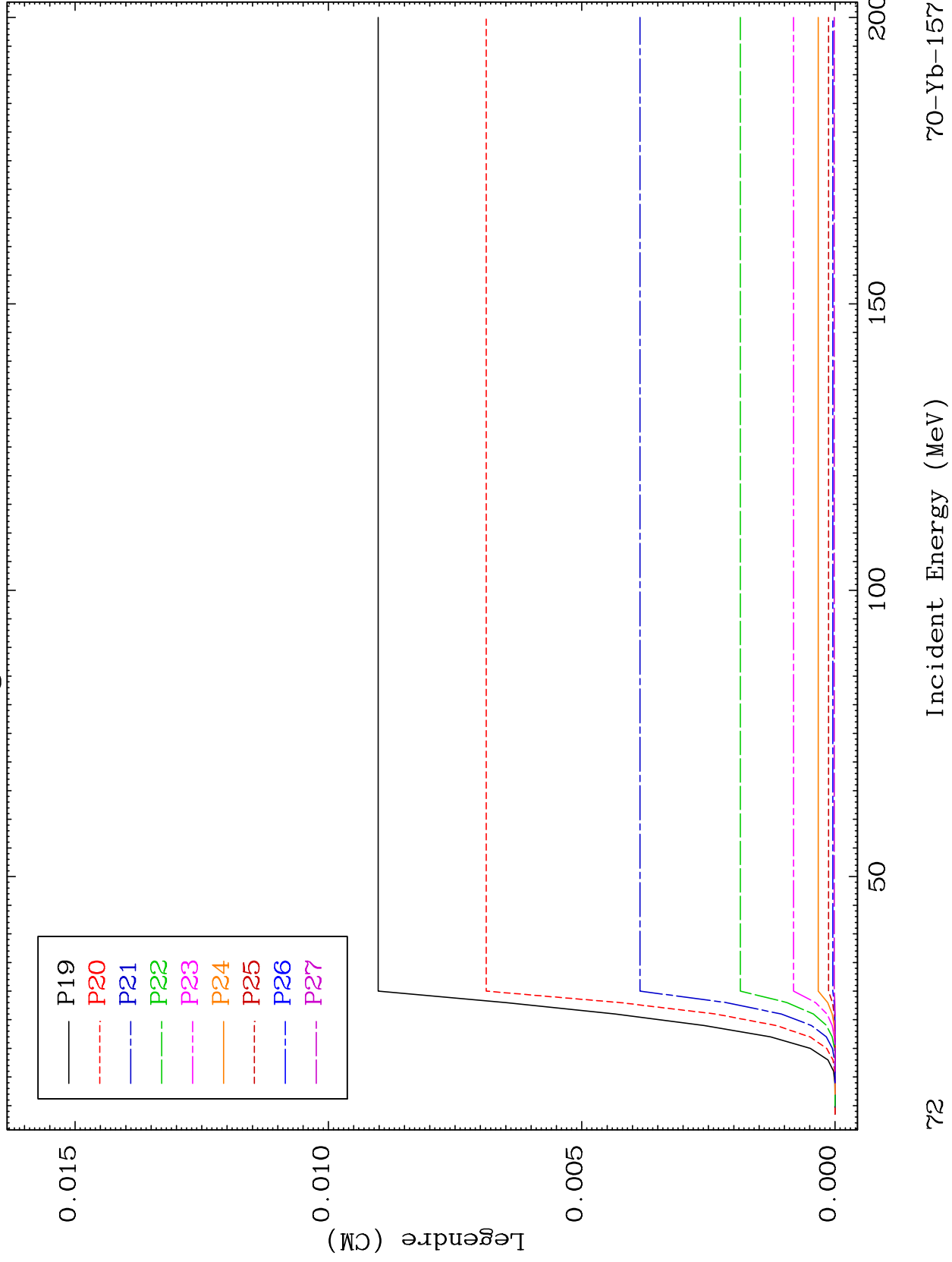
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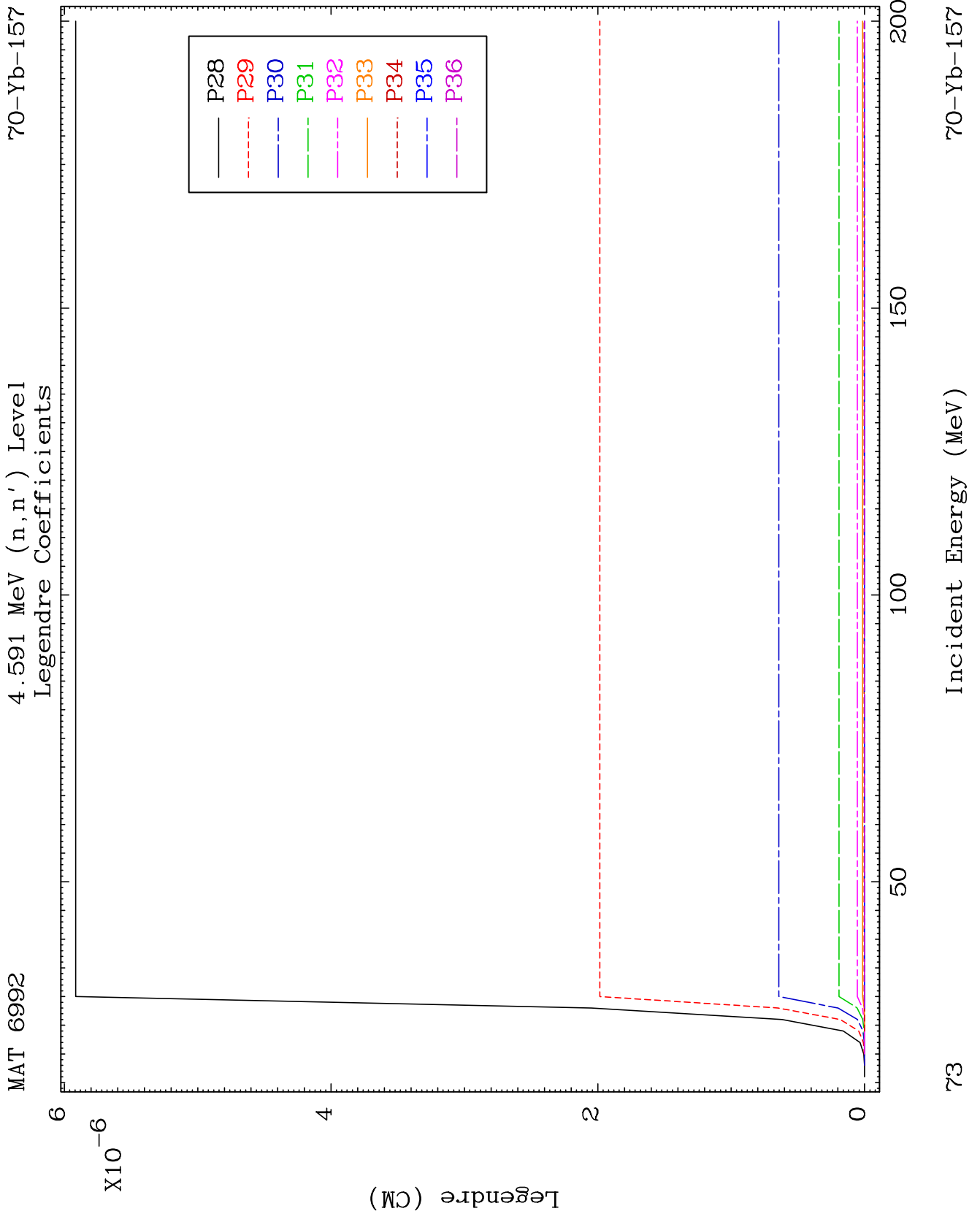
MAT 6992

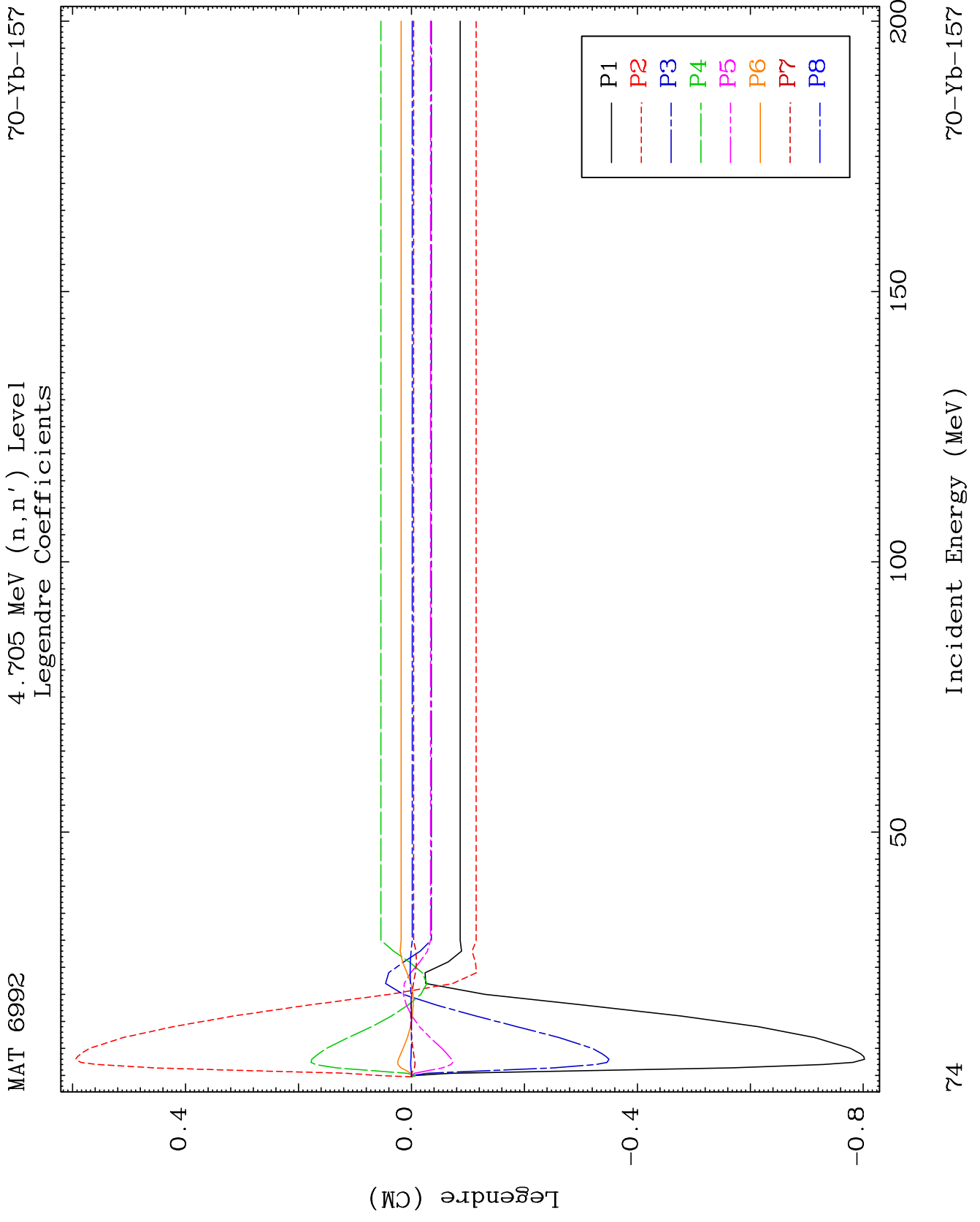
4.591 MeV (n, n') Level  
Legendre Coefficients

70-Yb-157



72

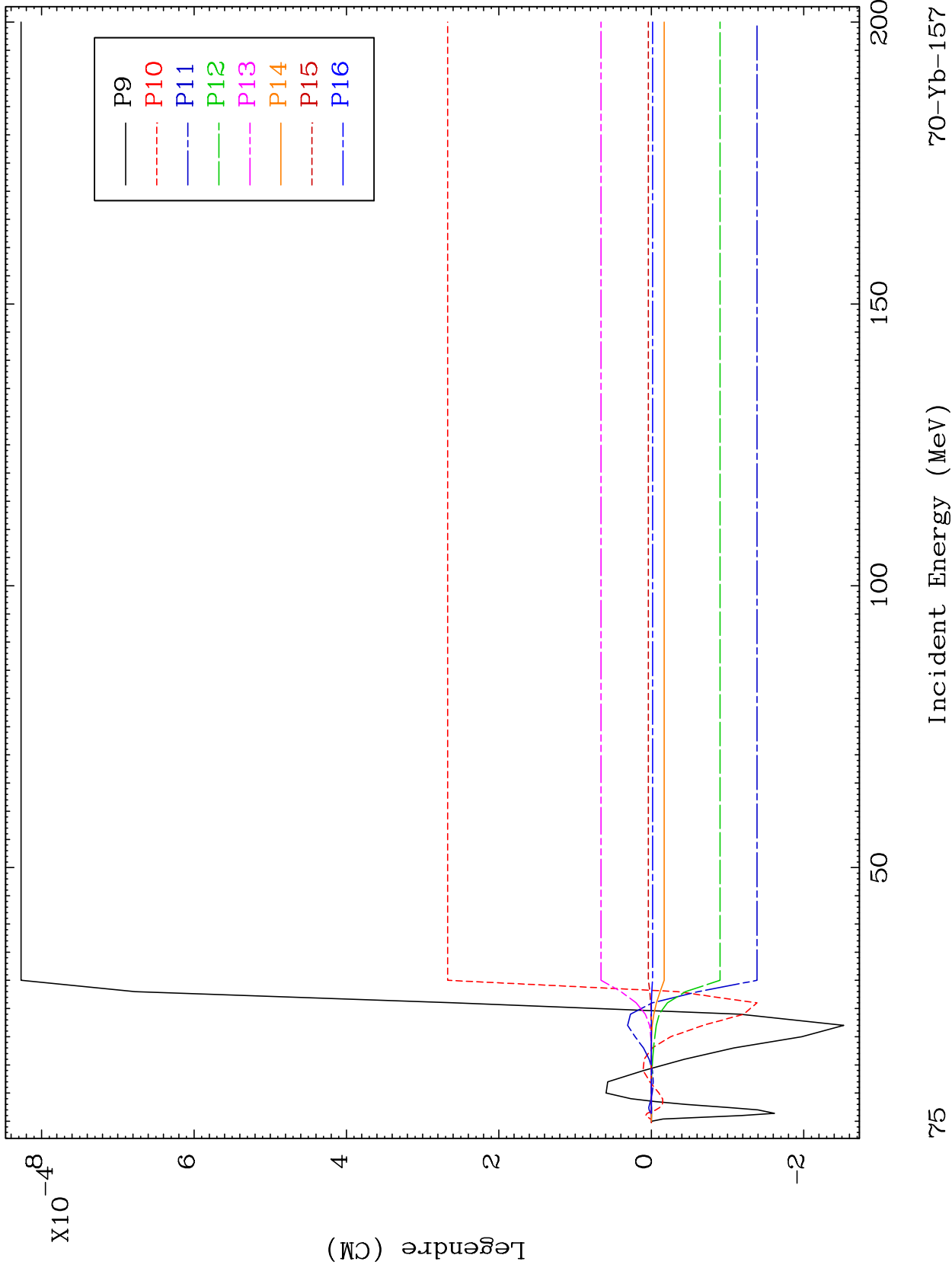




MAT 6992

4.705 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



75

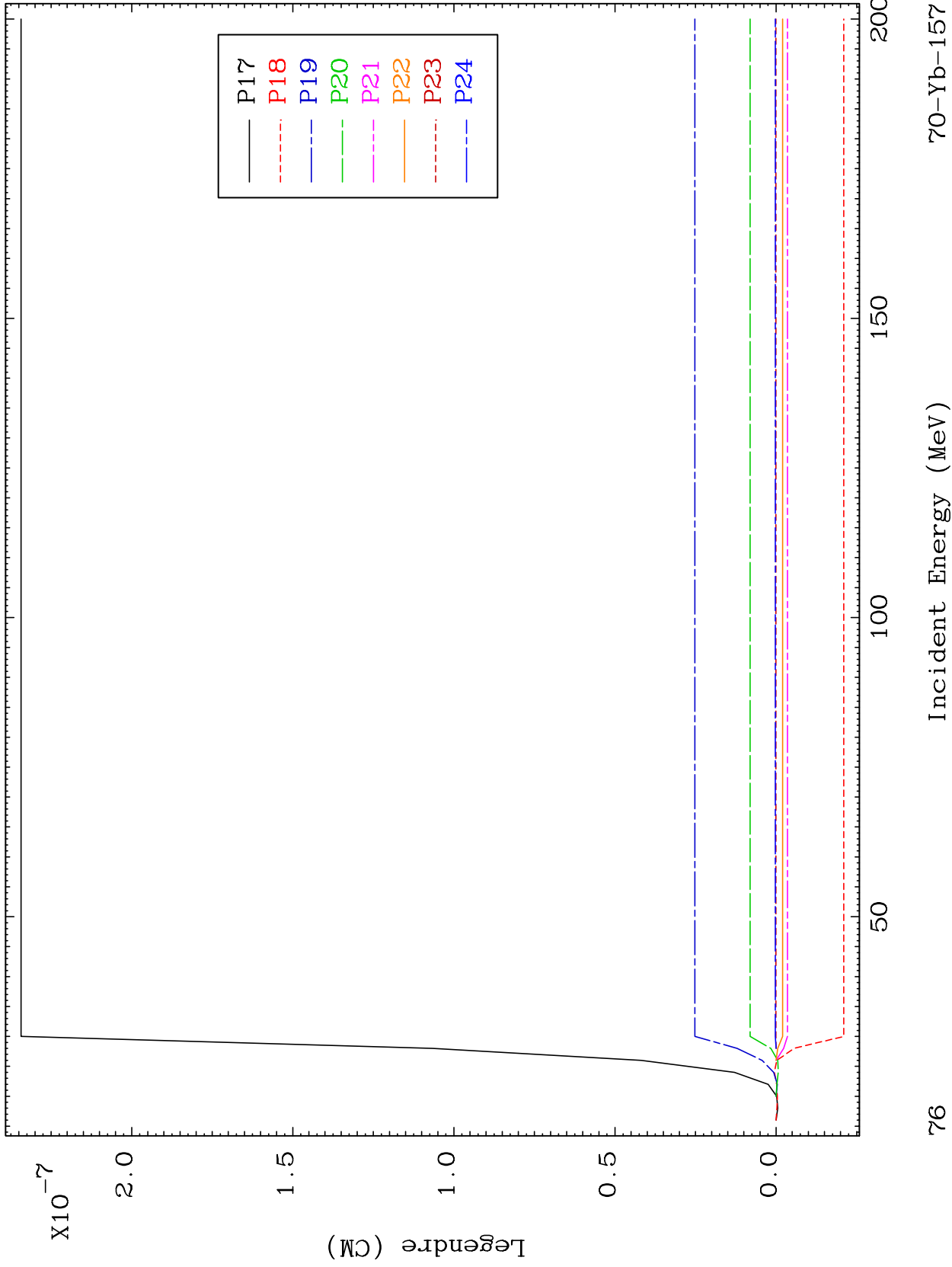
Incident Energy (MeV)

70-Yb-157

MAT 6992

4.705 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



76

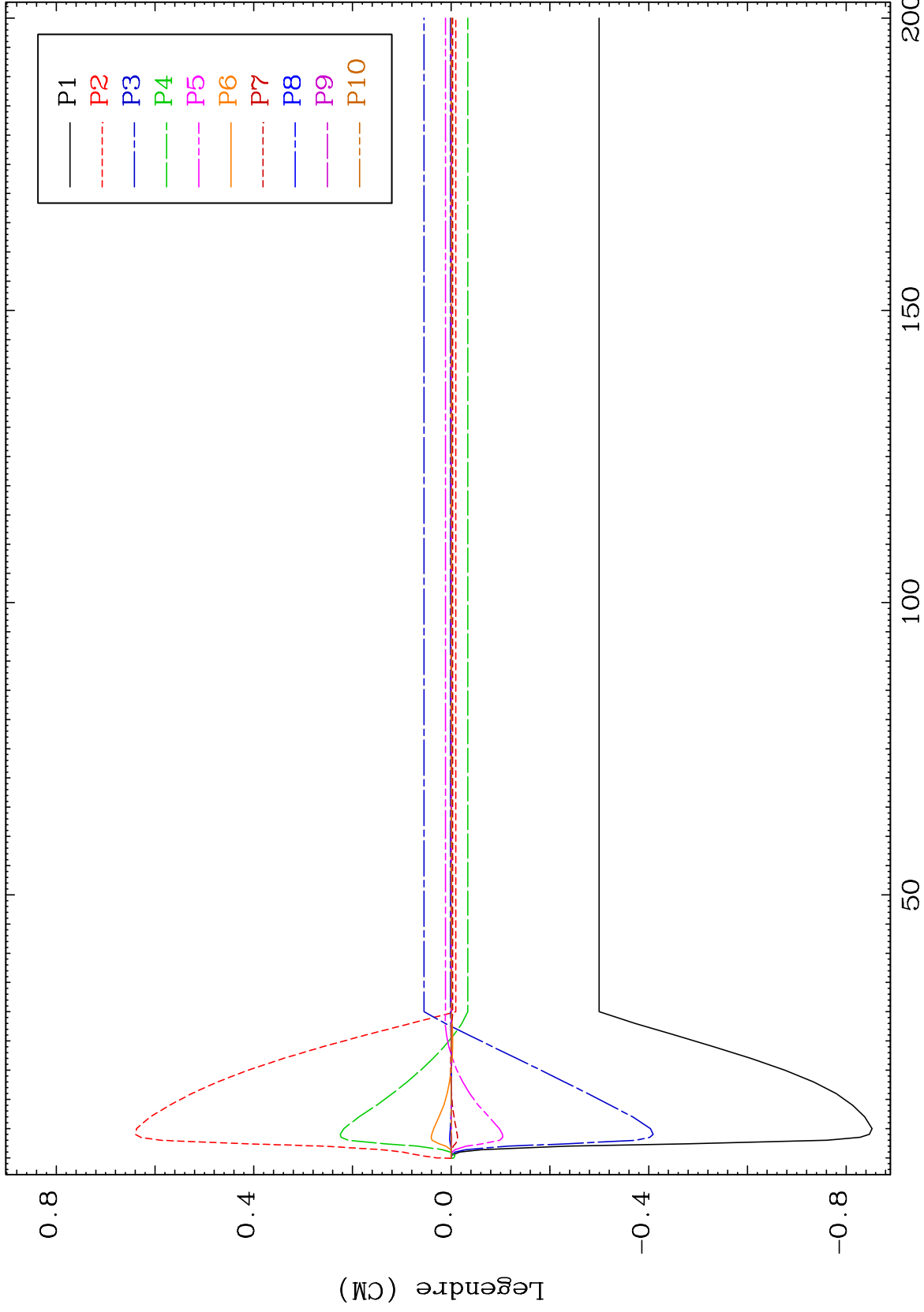
Incident Energy (MeV)

70-Yb-157

MAT 6992

4.869 MeV (n,n') Level  
Legendre Coefficients

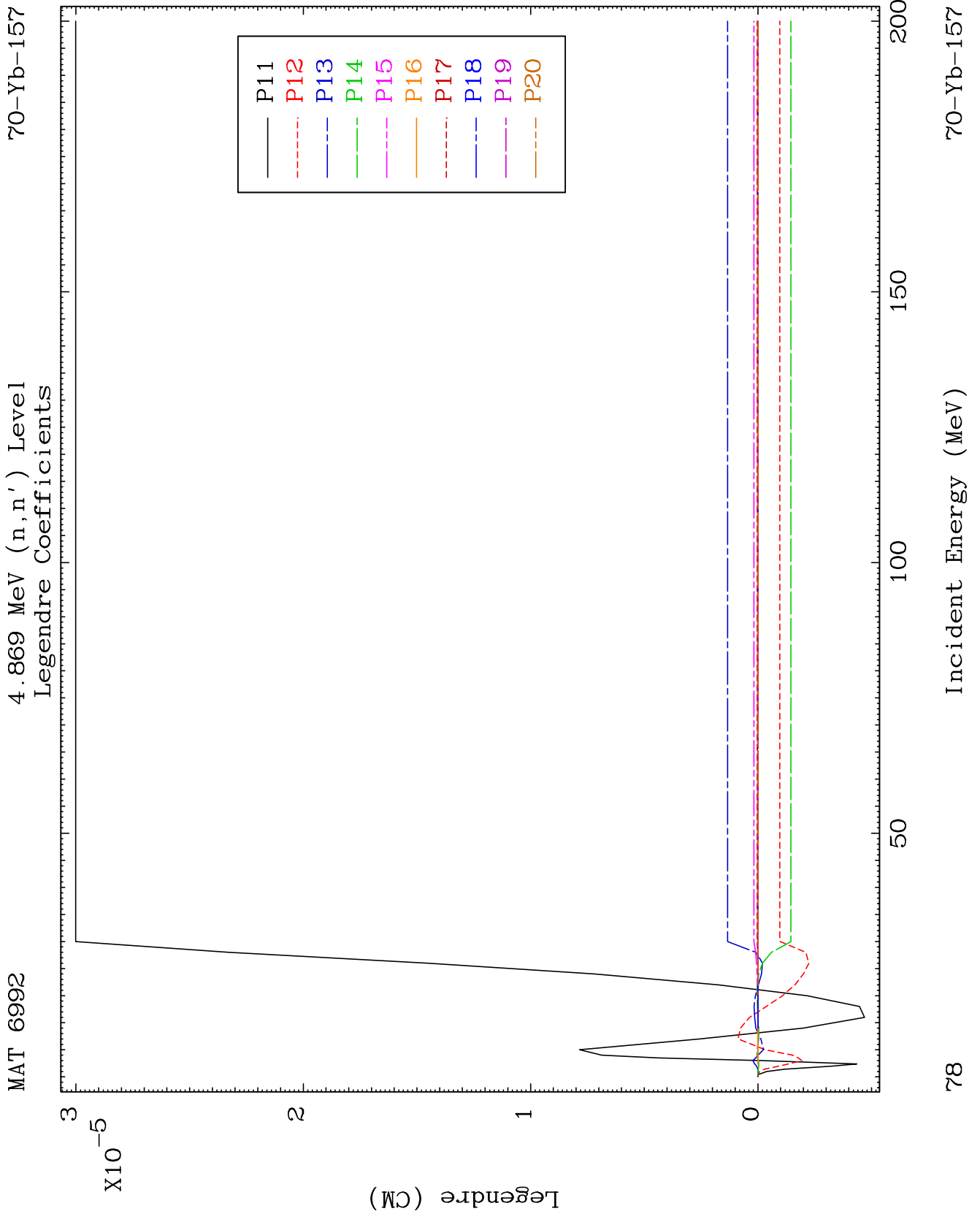
70-Yb-157



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Incident Energy (MeV)

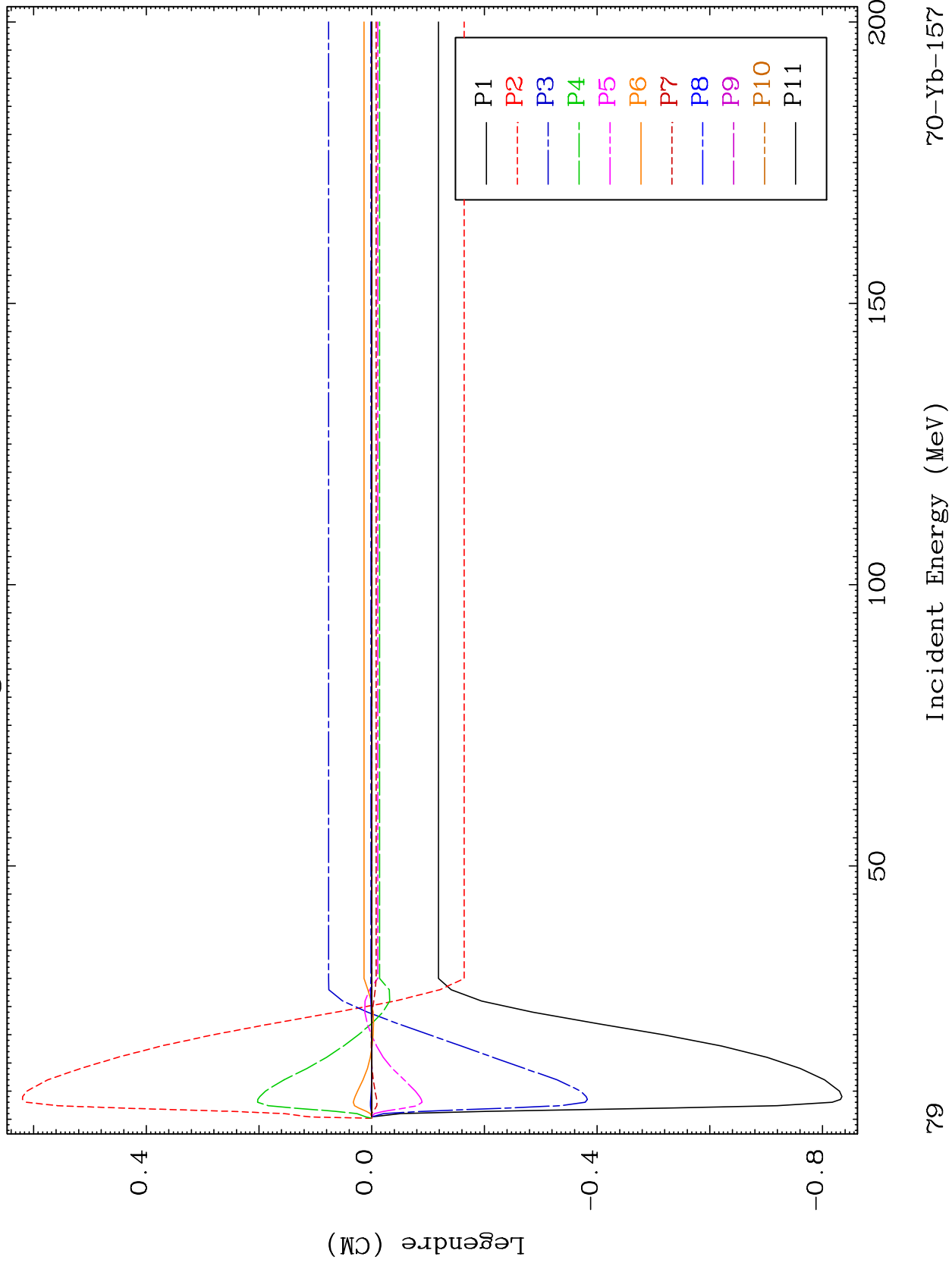
70-Yb-157



MAT 6992

5.121 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157

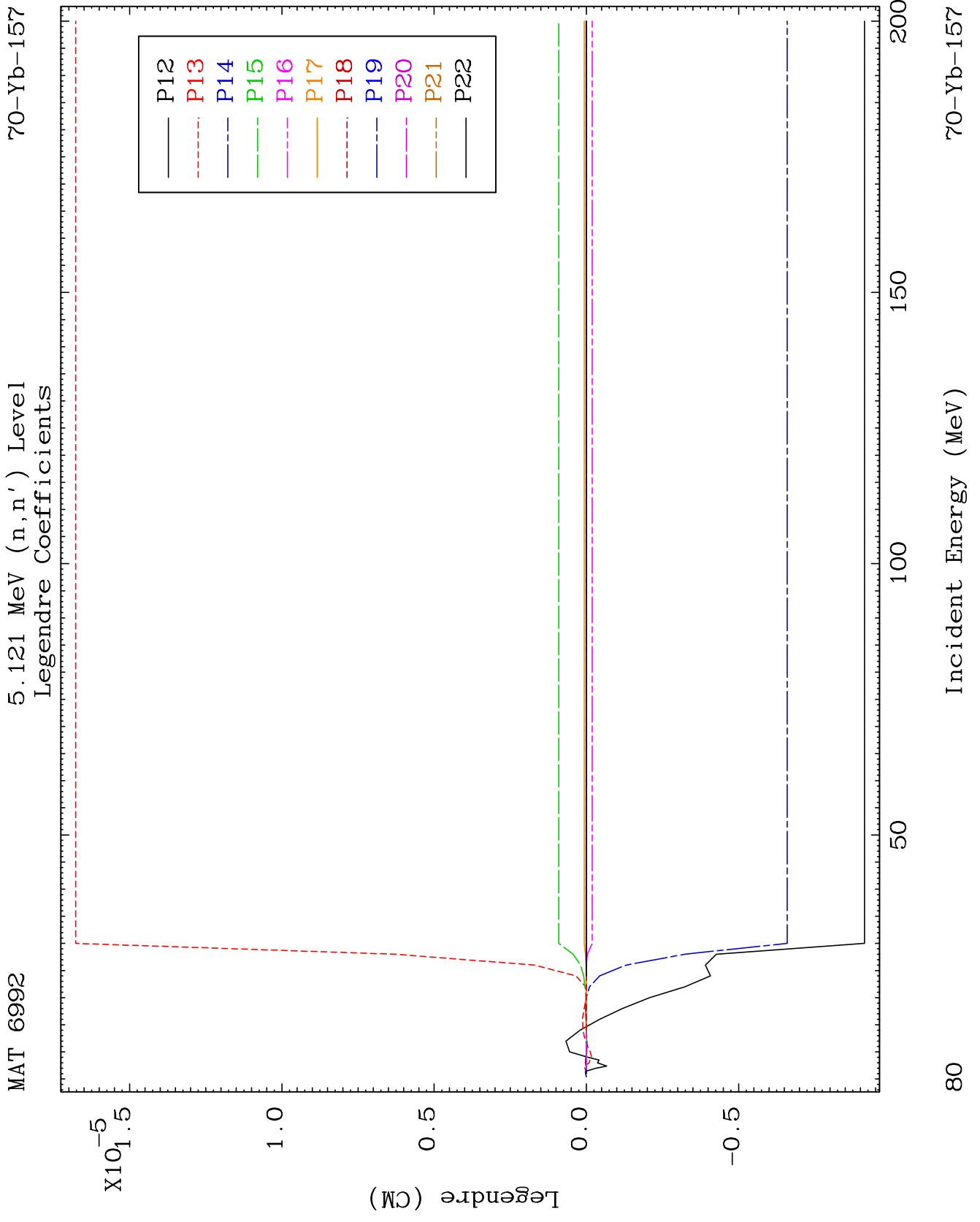


79

Incident Energy (MeV)

70-Yb-157



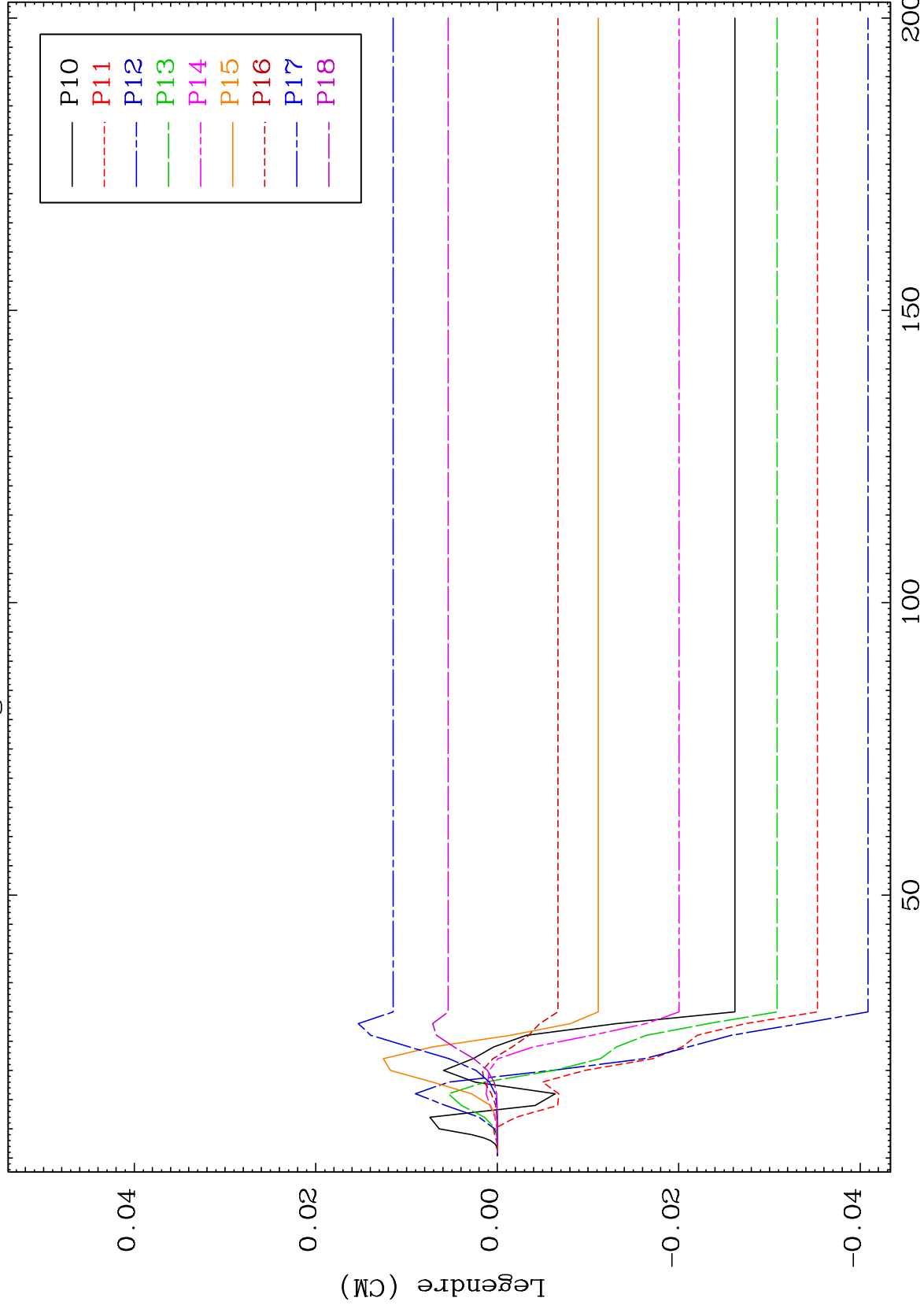




MAT 6992

5.348 MeV (n,n') Level  
Legendre Coefficients

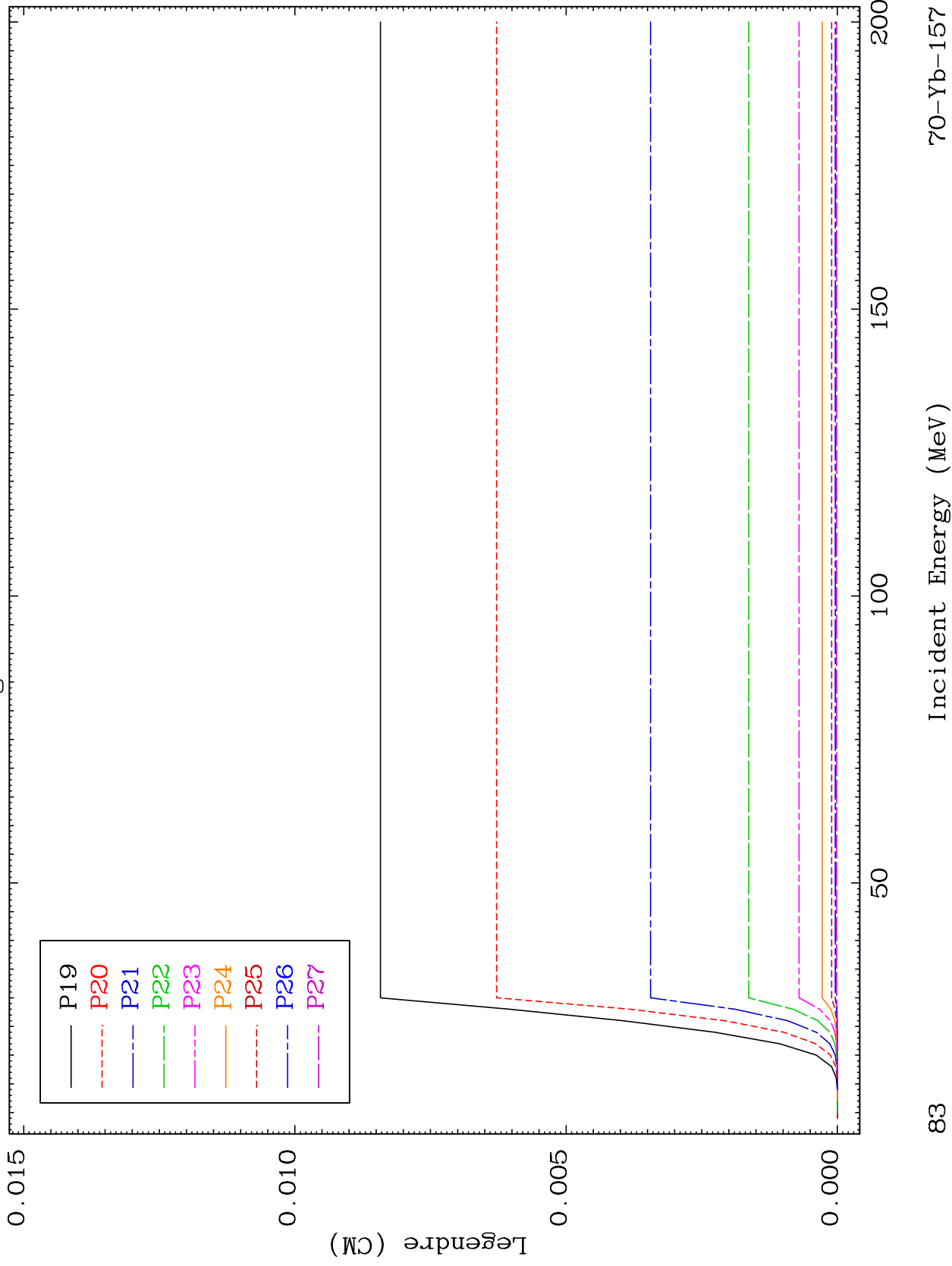
70-Yb-157



82

Incident Energy (MeV)

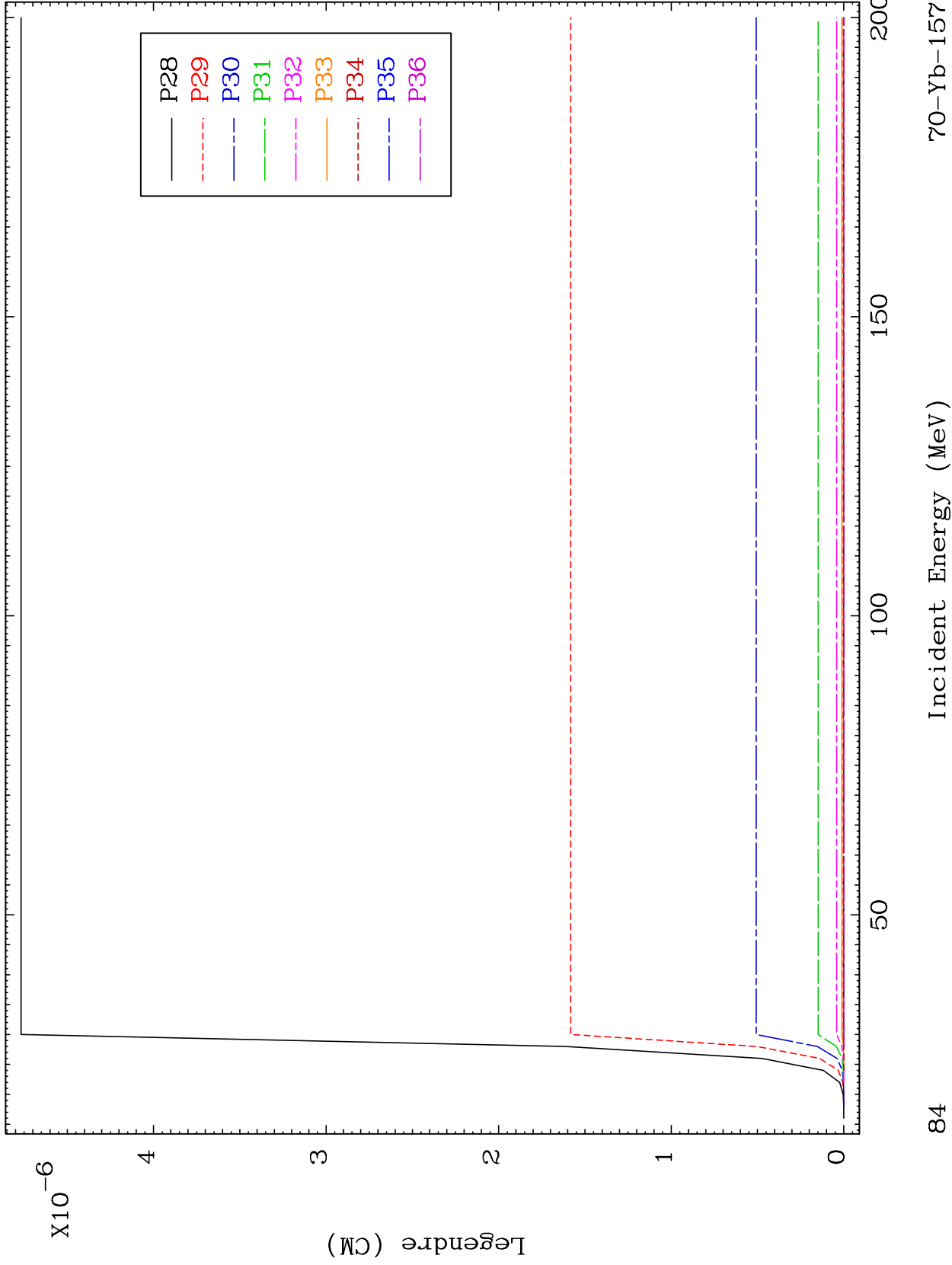
70-Yb-157



MAT 6992

5.348 MeV (n, n') Level  
Legendre Coefficients

70-Yb-157

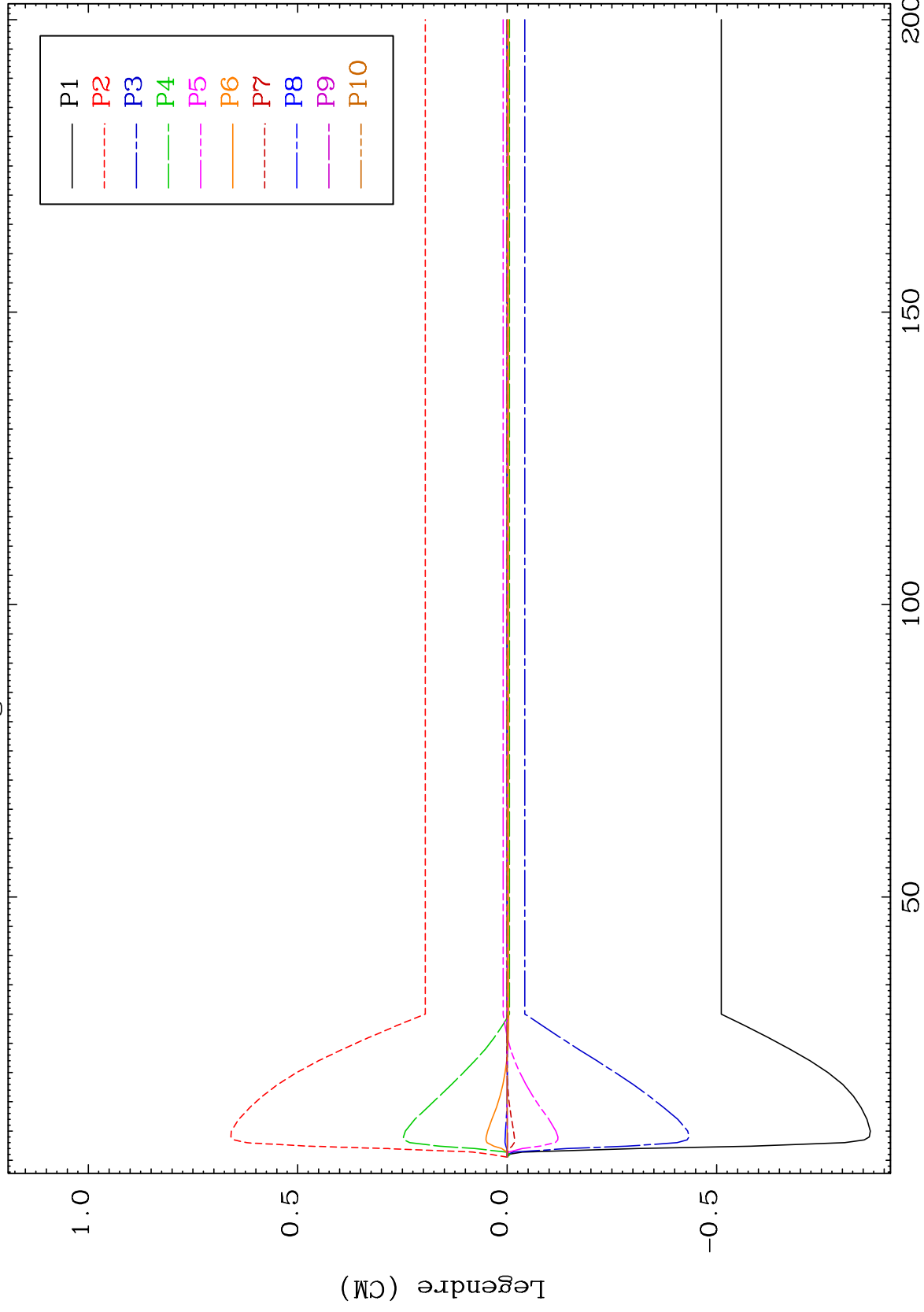


84

MAT 6992

5.493 MeV (n,n') Level  
Legendre Coefficients

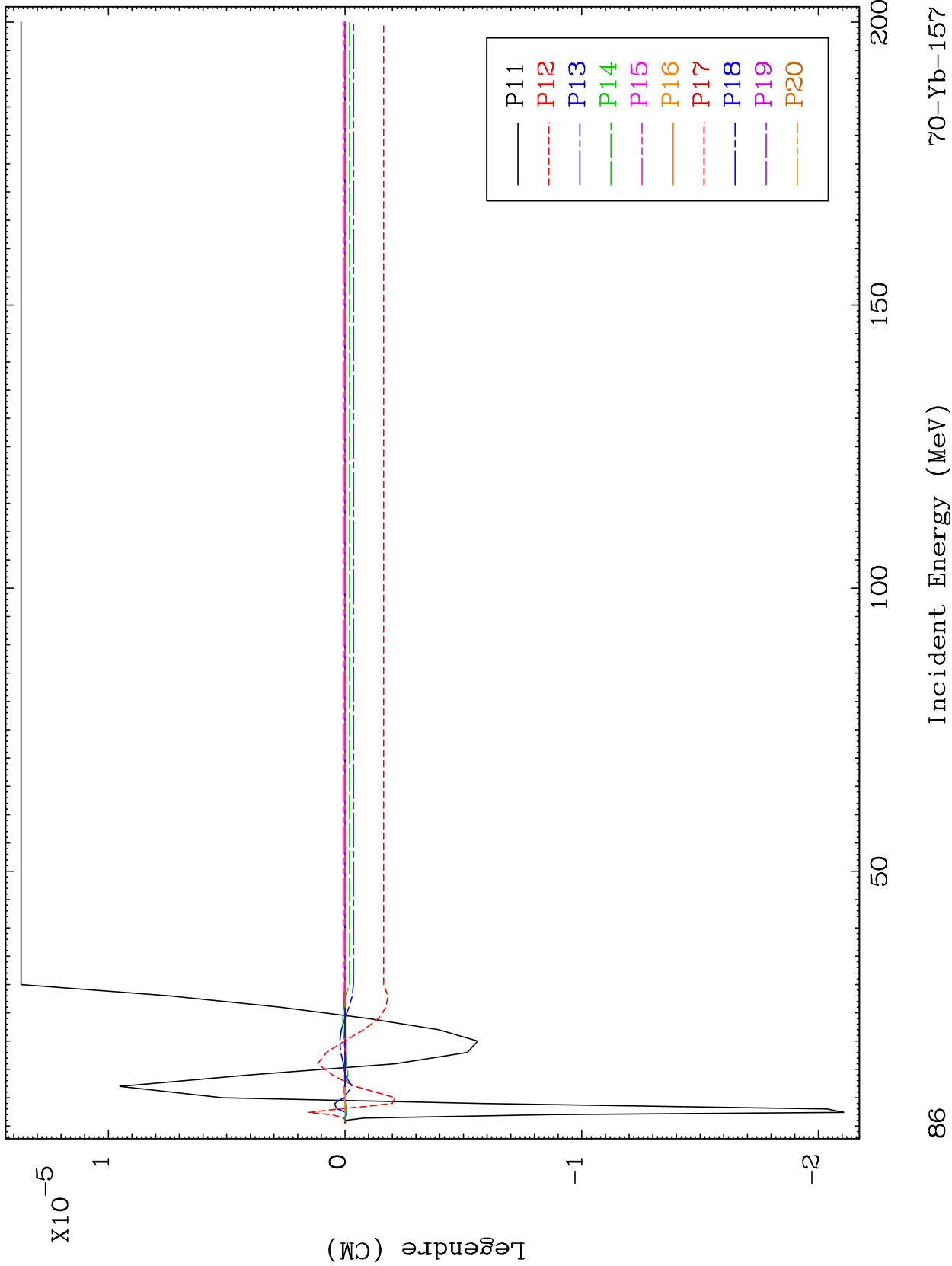
70-Yb-157



85

Incident Energy (MeV)

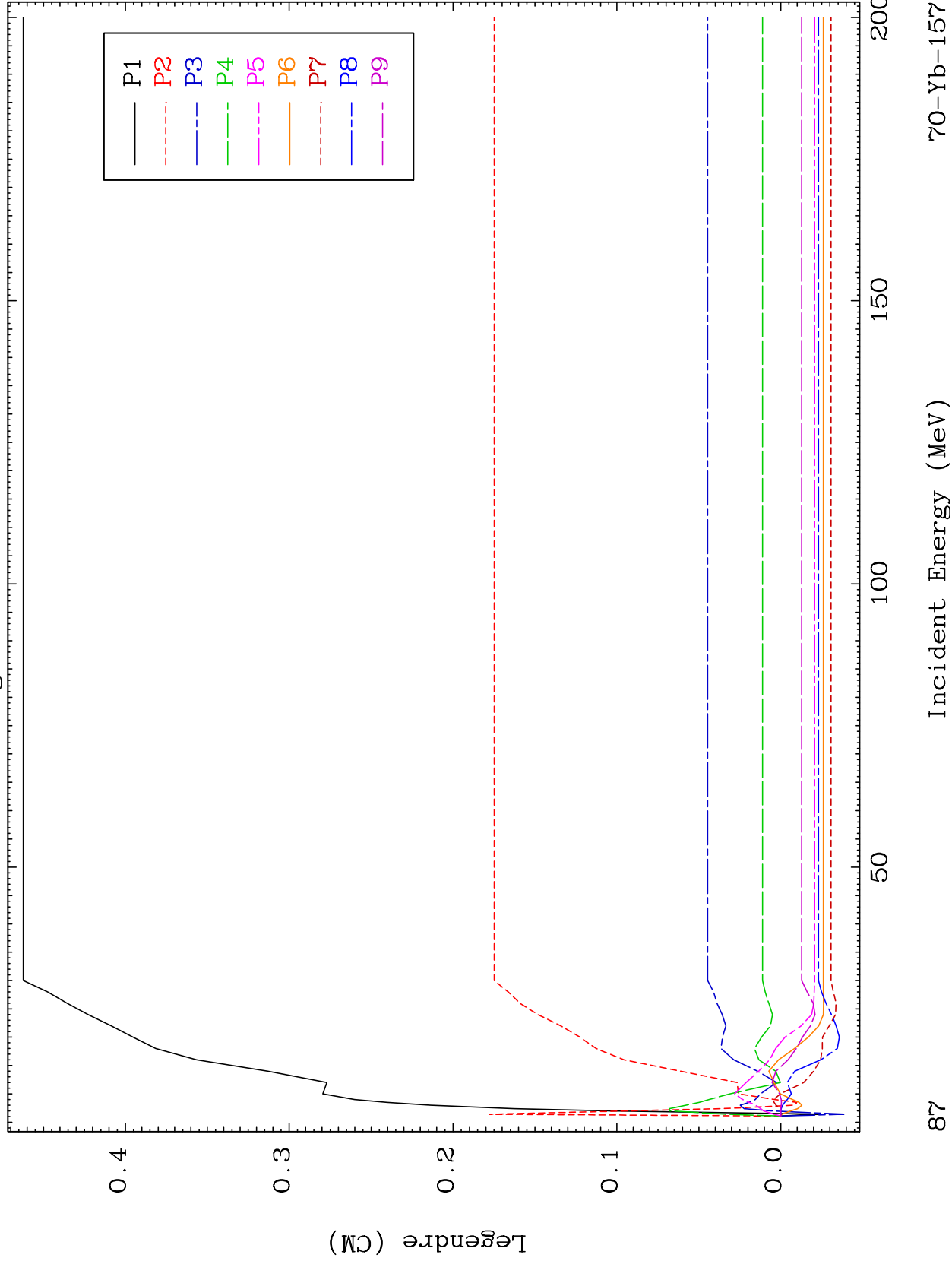
70-Yb-157



MAT 6992

6.043 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



87

70-Yb-157

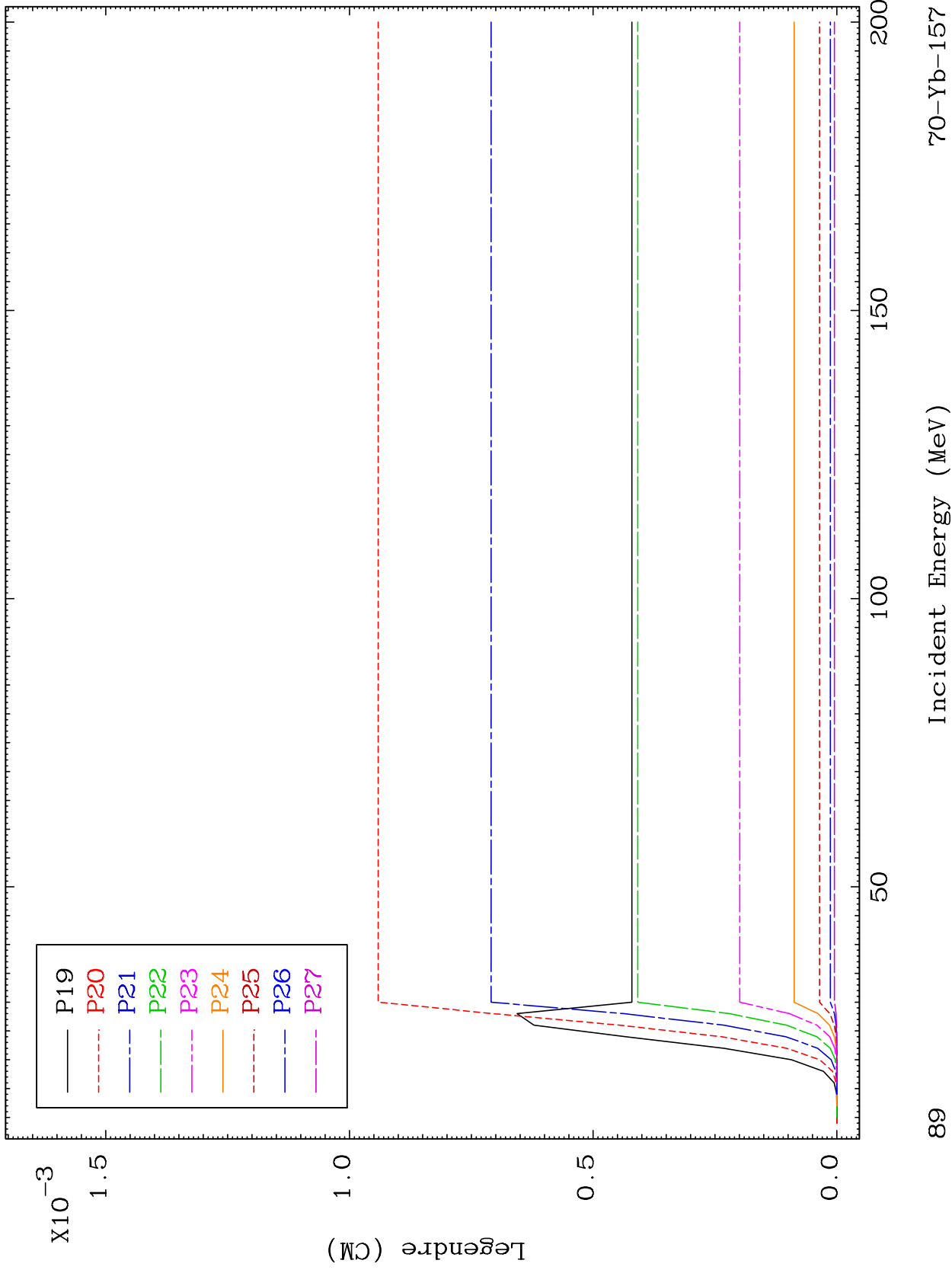




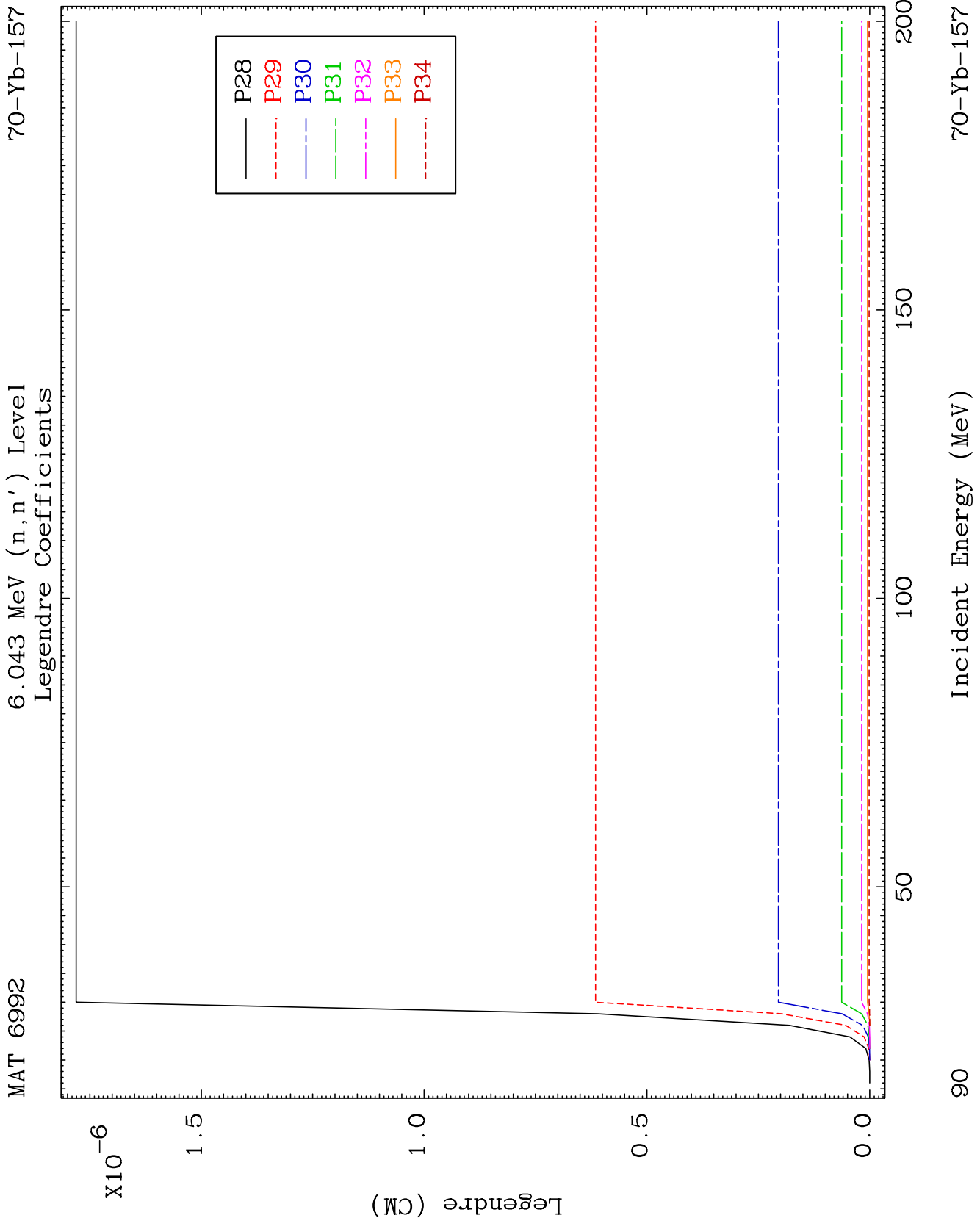
MAT 6992

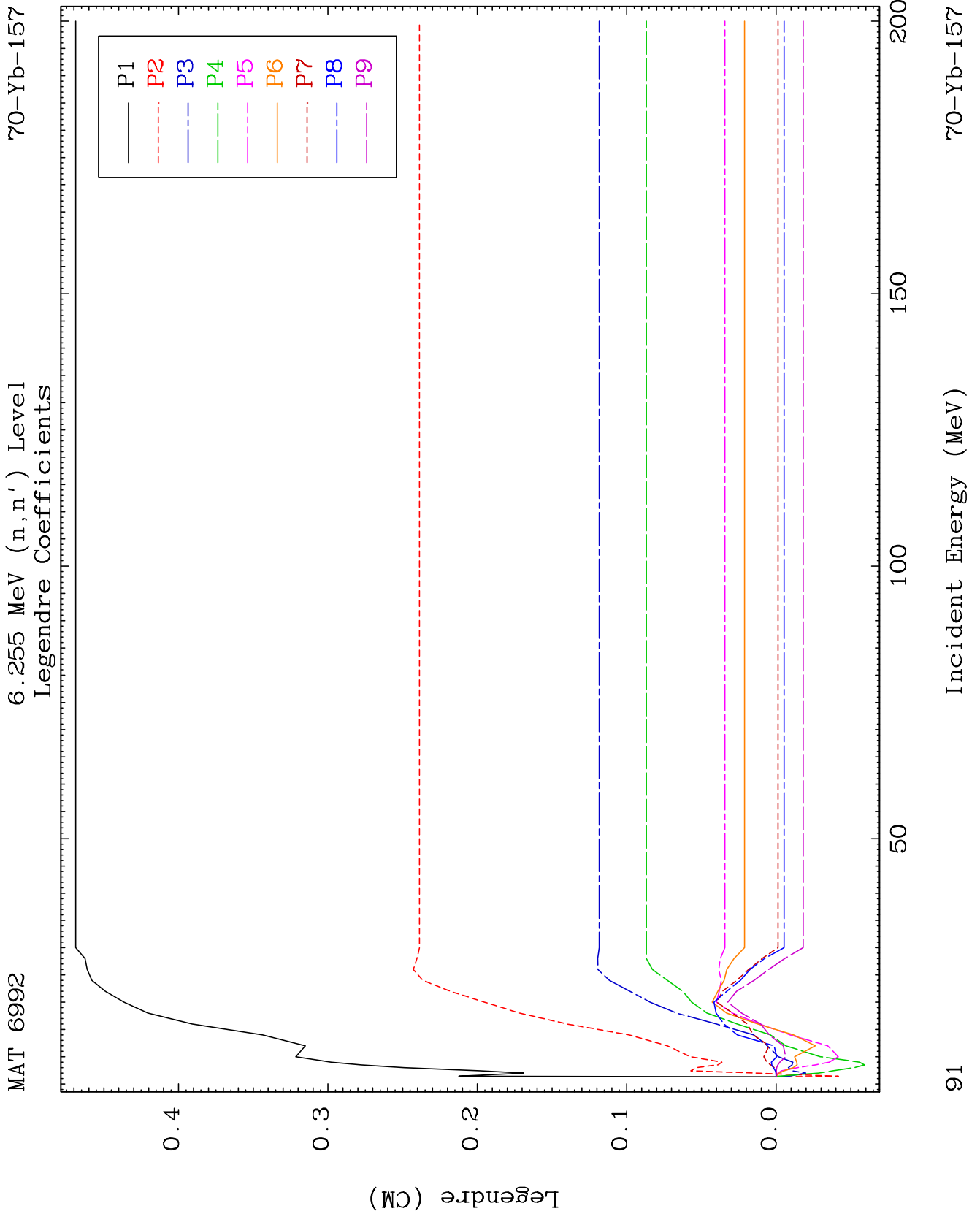
6.043 MeV (n, n') Level  
Legendre Coefficients

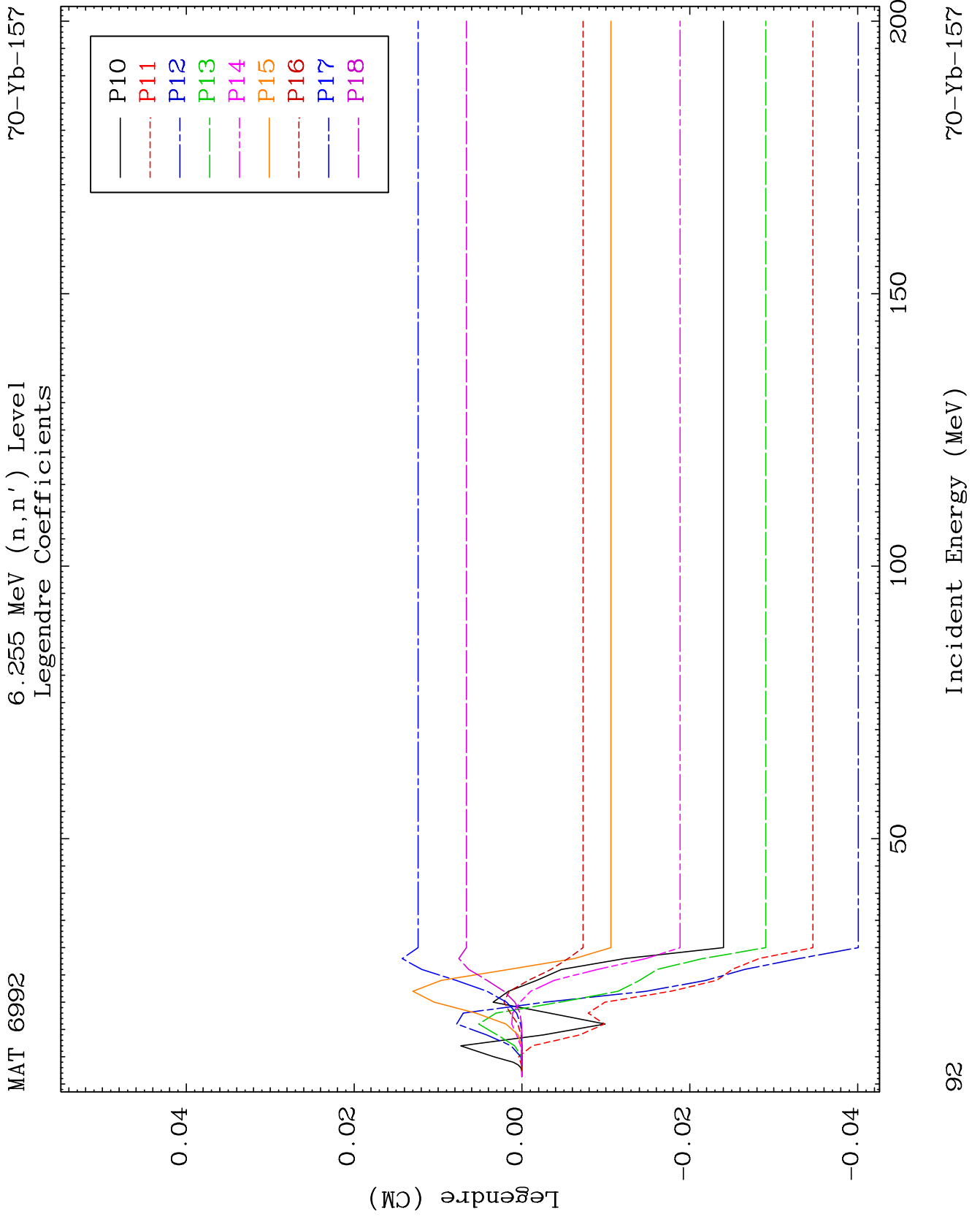
70-Yb-157



89



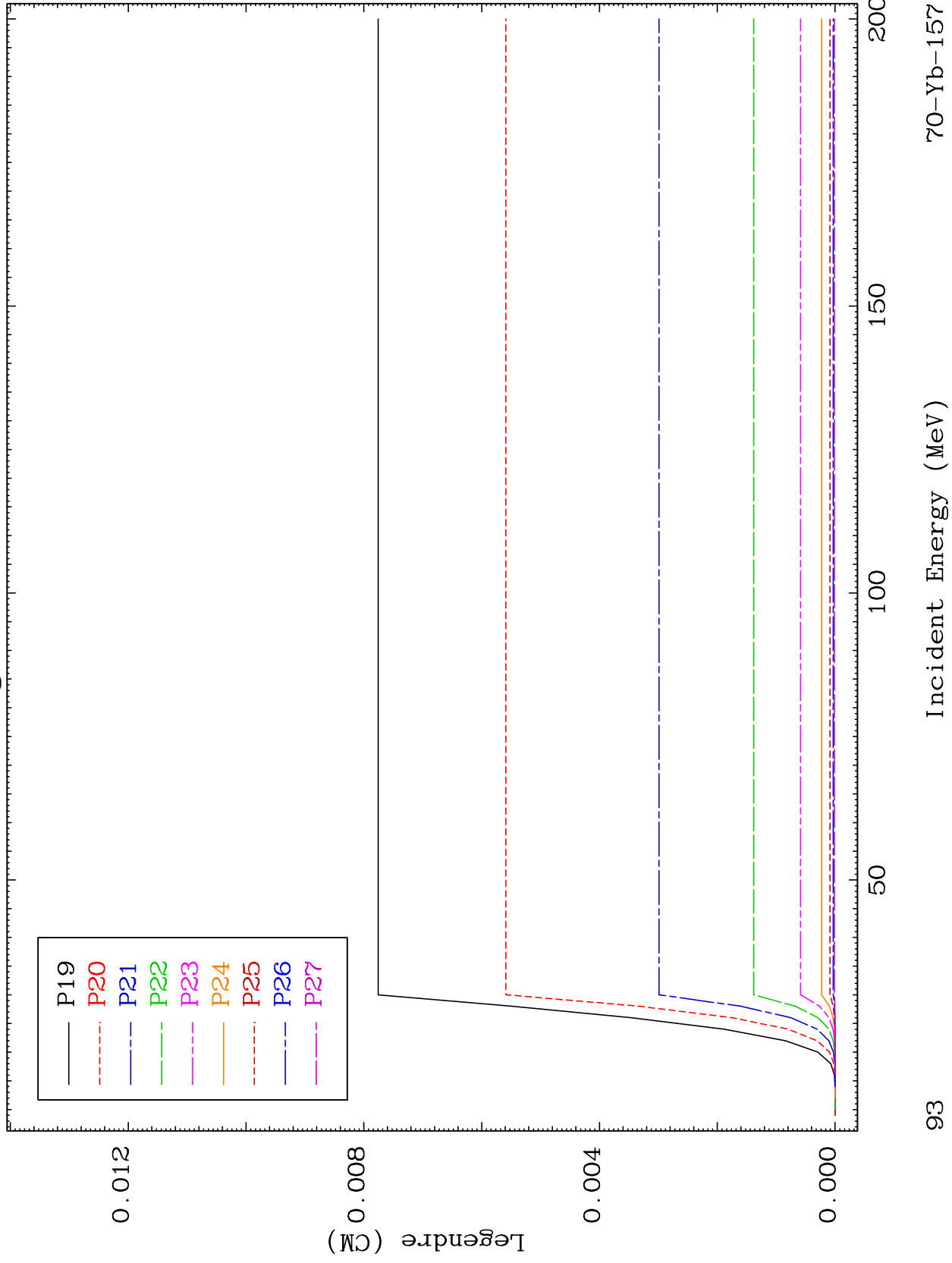




MAT 6992

6.255 MeV (n, n') Level  
Legendre Coefficients

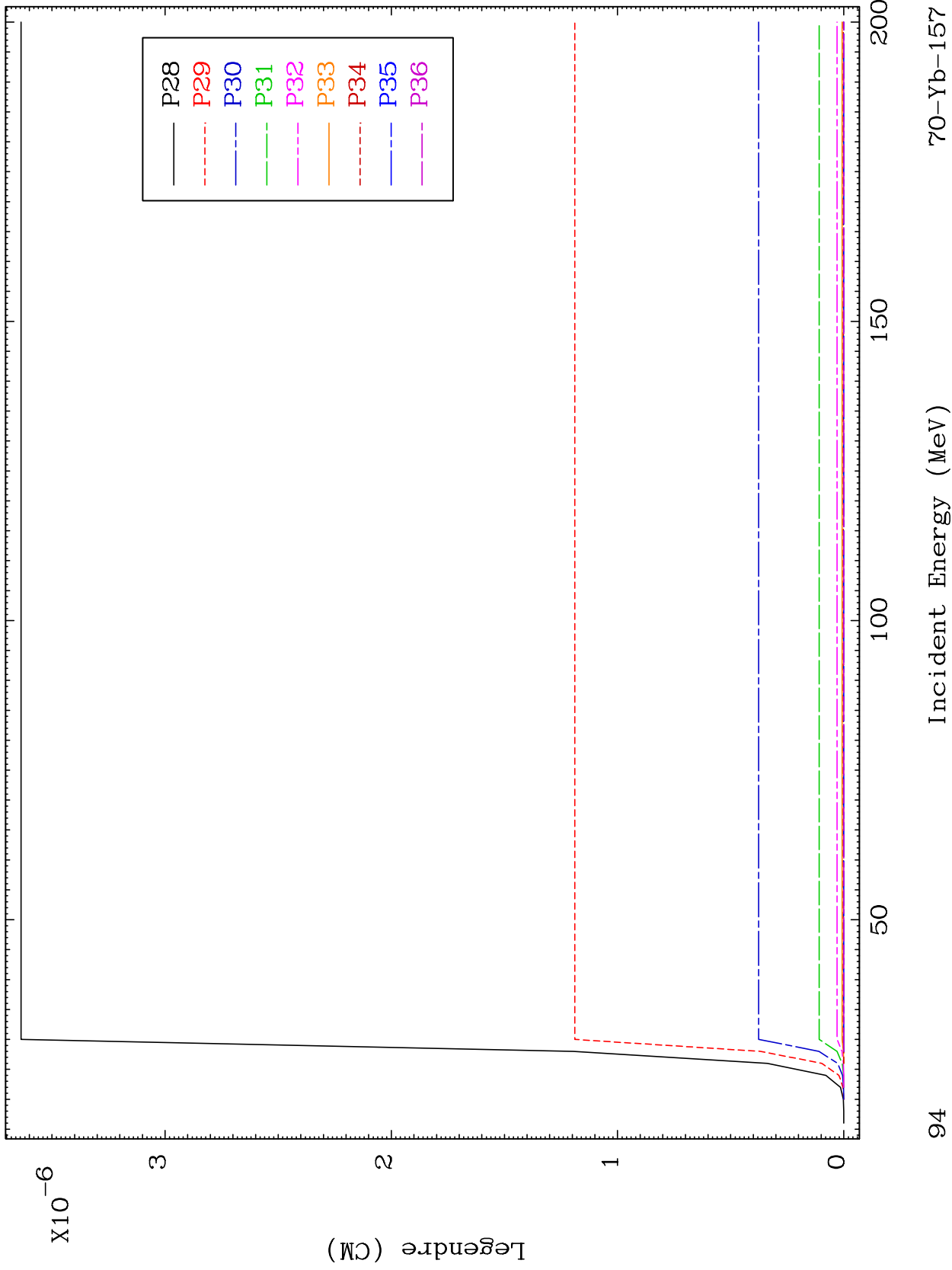
70-Yb-157



MAT 6992

6.255 MeV (n,n') Level  
Legendre Coefficients

70-Yb-157



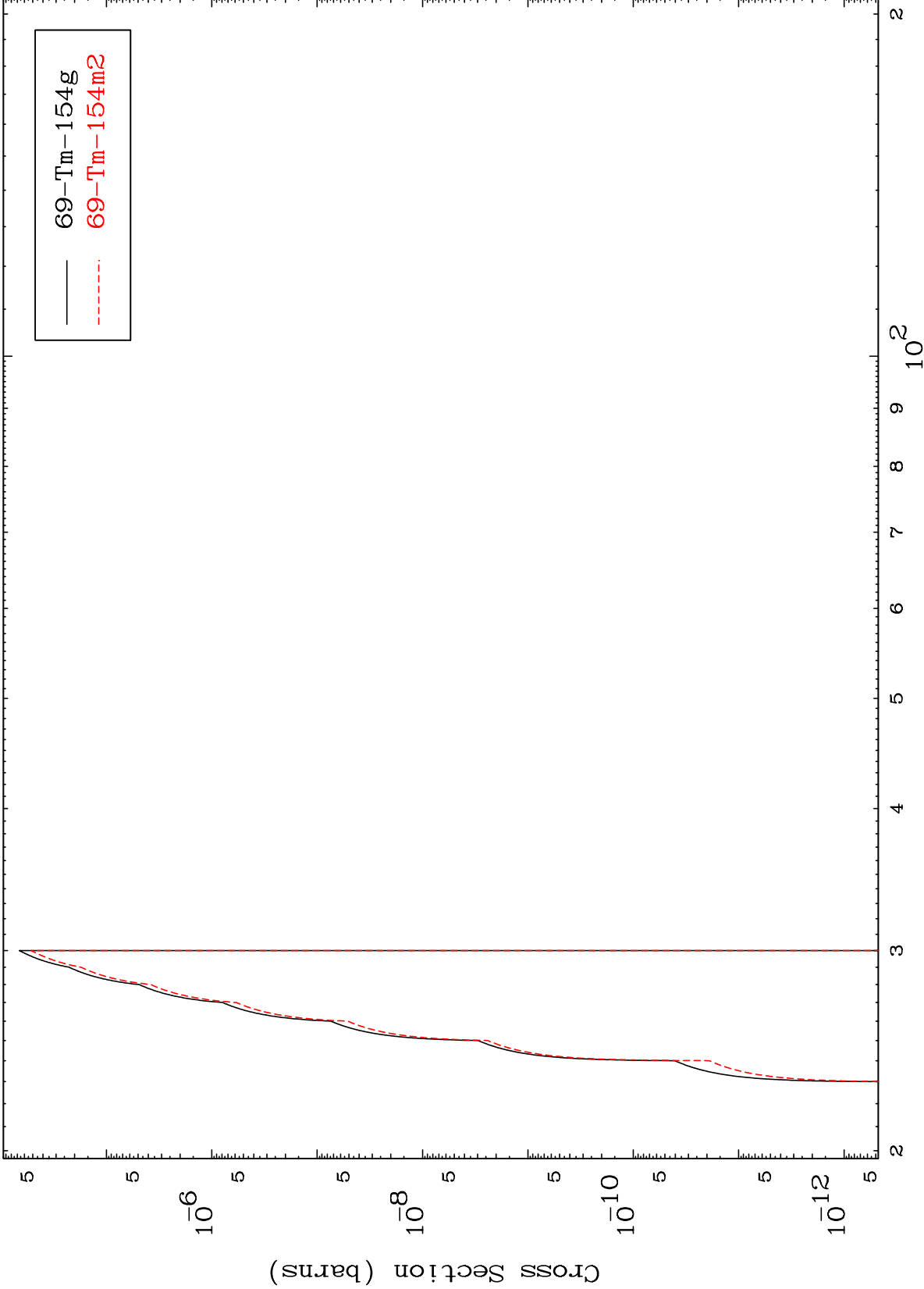
94

MAT 6992

(n,2n) d

70-Yb-157

Radionuclide Production Cross Section



95

Incident Energy (MeV)

70-Yb-157

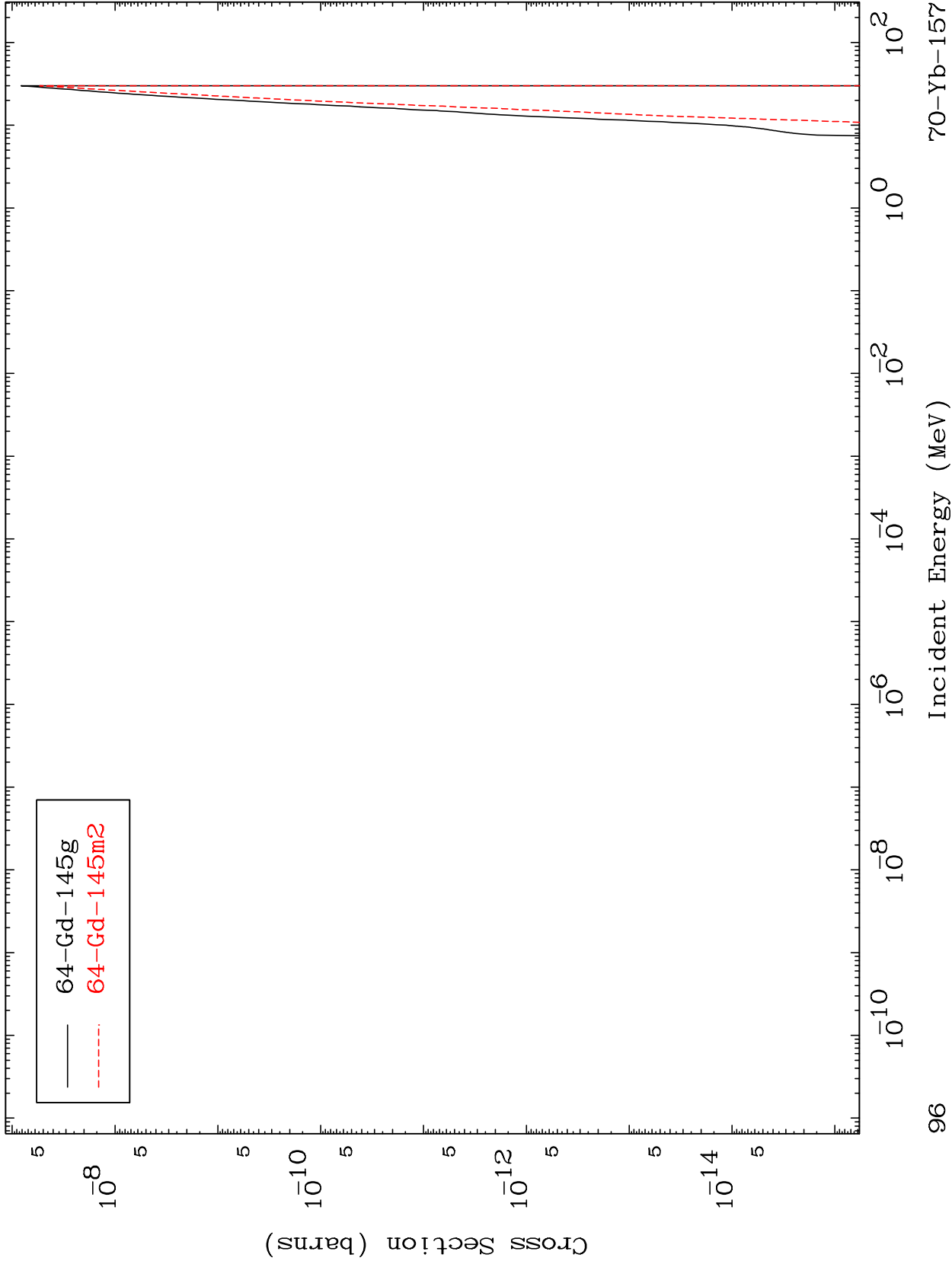


MAT 6992

(n,n') 3 $\alpha$

70-Yb-157

Radionuclide Production Cross Section

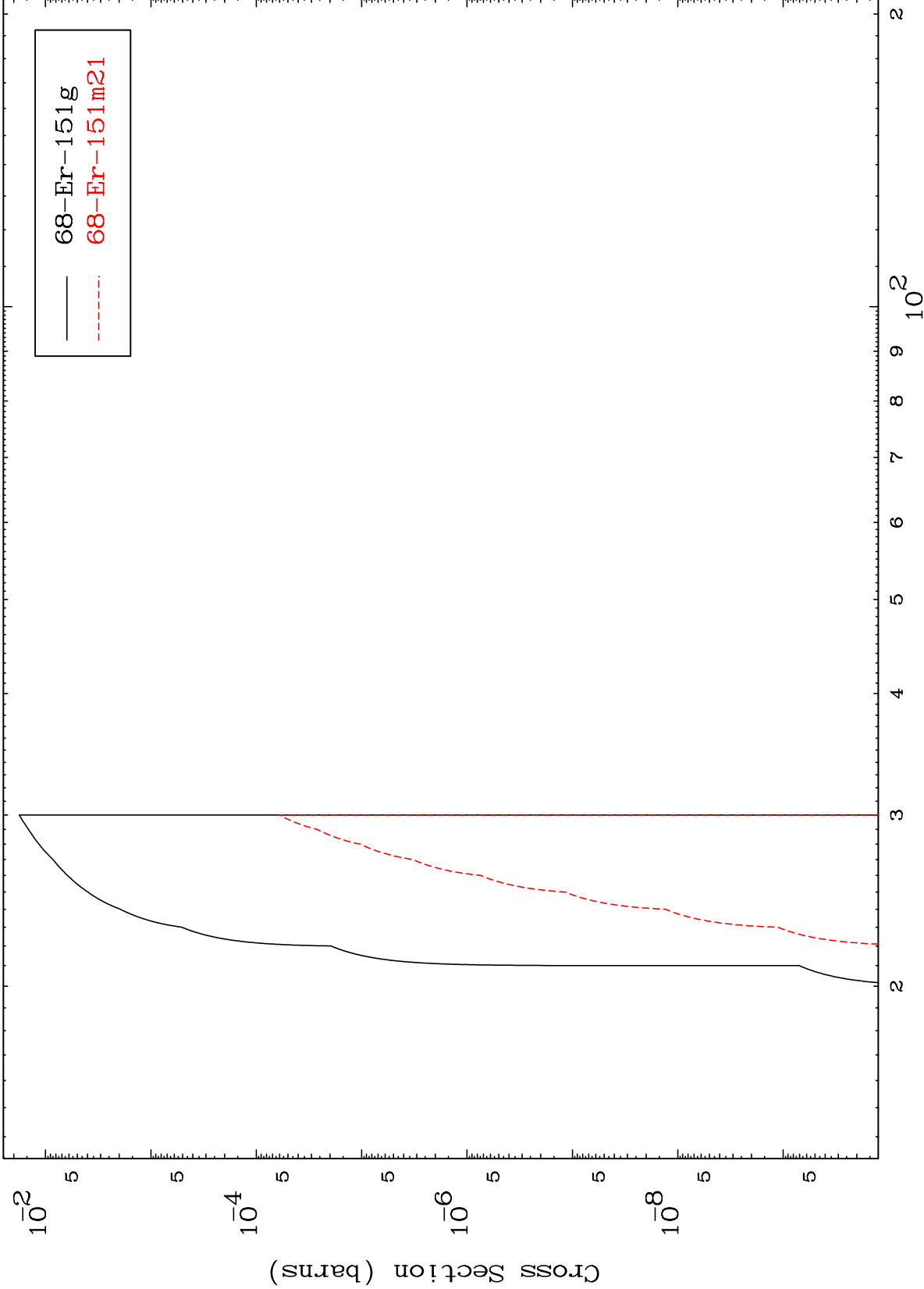


MAT 6992

(n,3n)  $\alpha$

70-Yb-157

Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m21

97

Incident Energy (MeV)

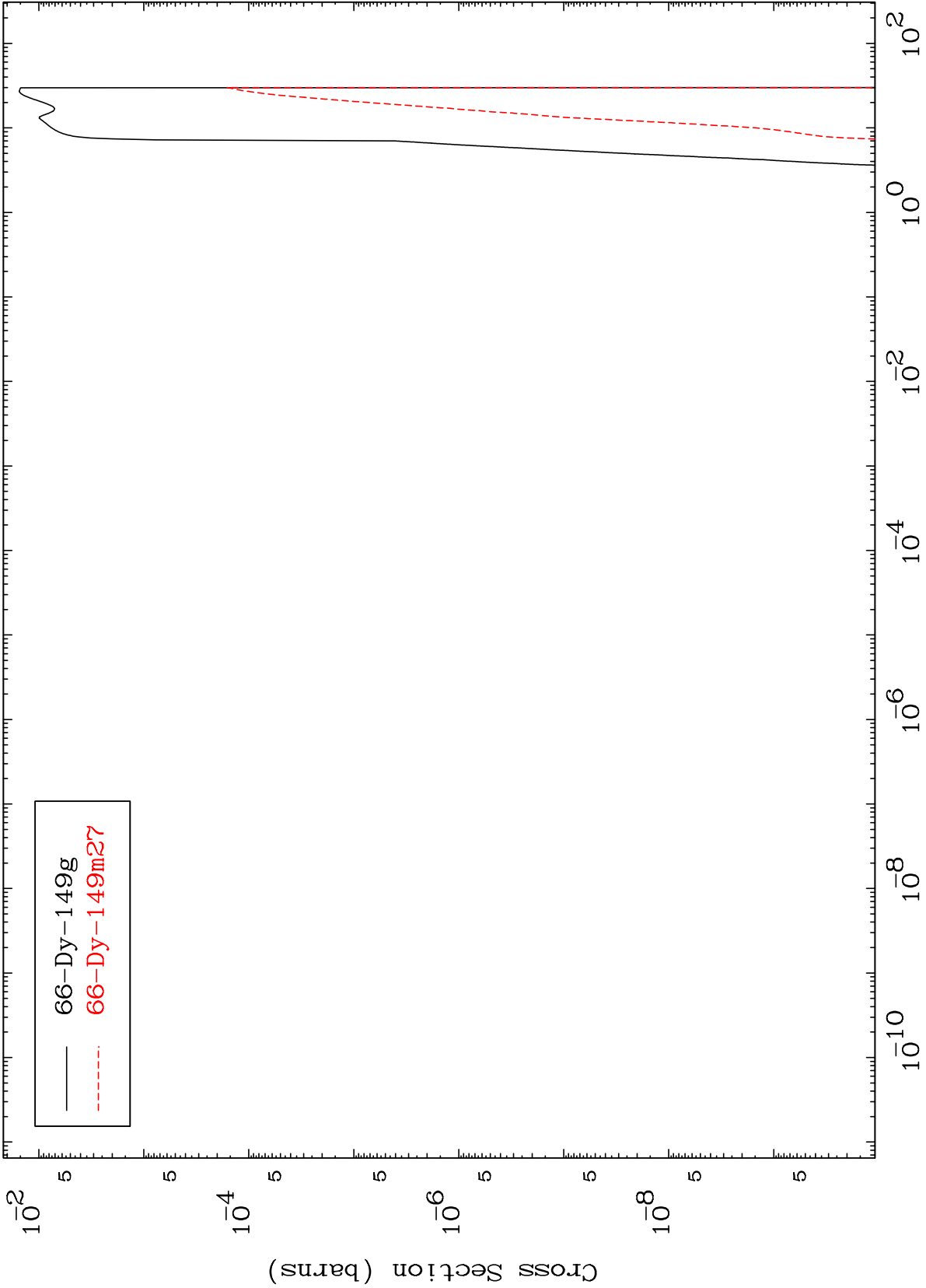
70-Yb-157

MAT 6992

(n,n') 2 $\alpha$

70-Yb-157

Radionuclide Production Cross Section

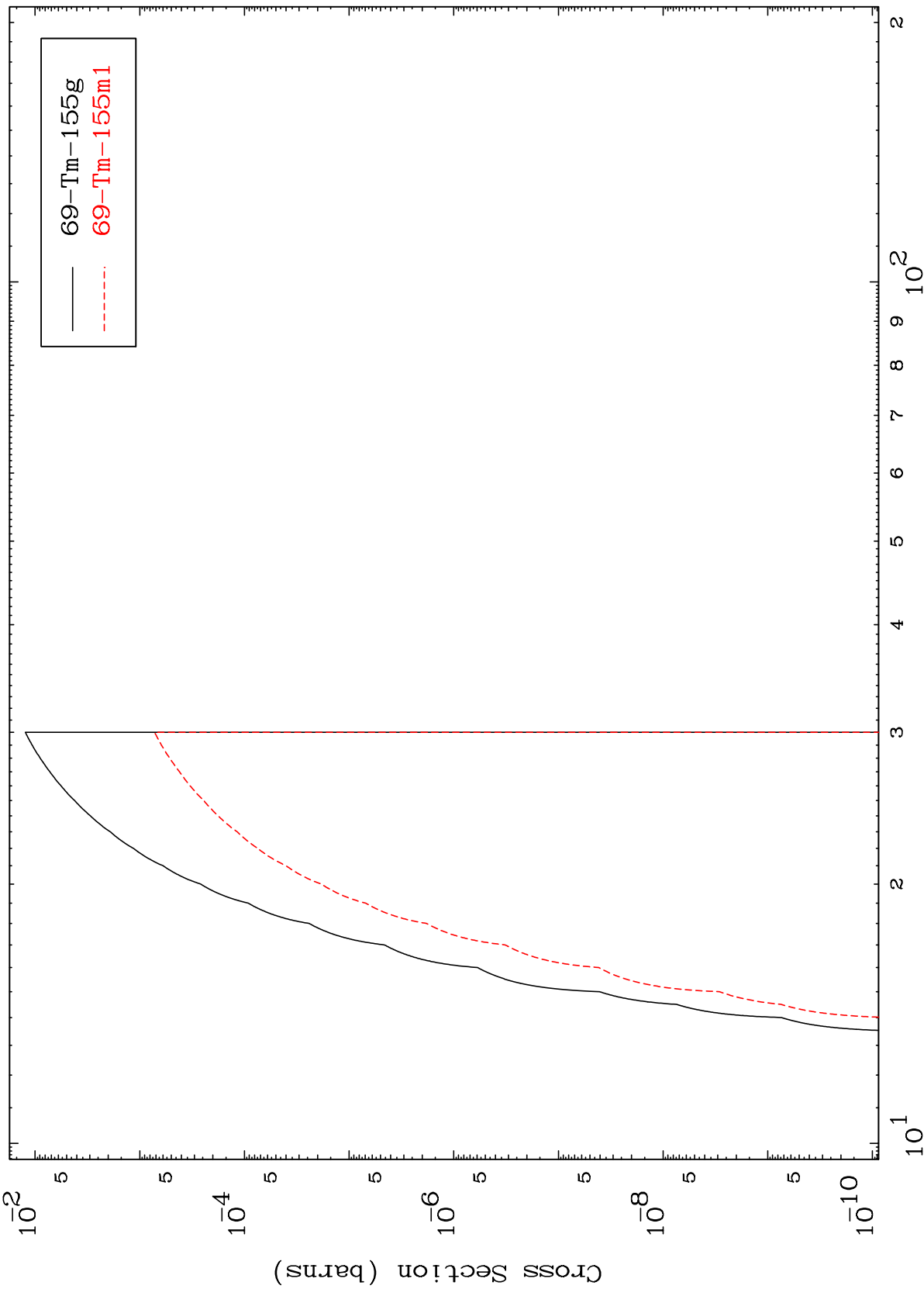


MAT 6992

(n,n') d

70-Yb-157

Radionuclide Production Cross Section



Incident Energy (MeV)

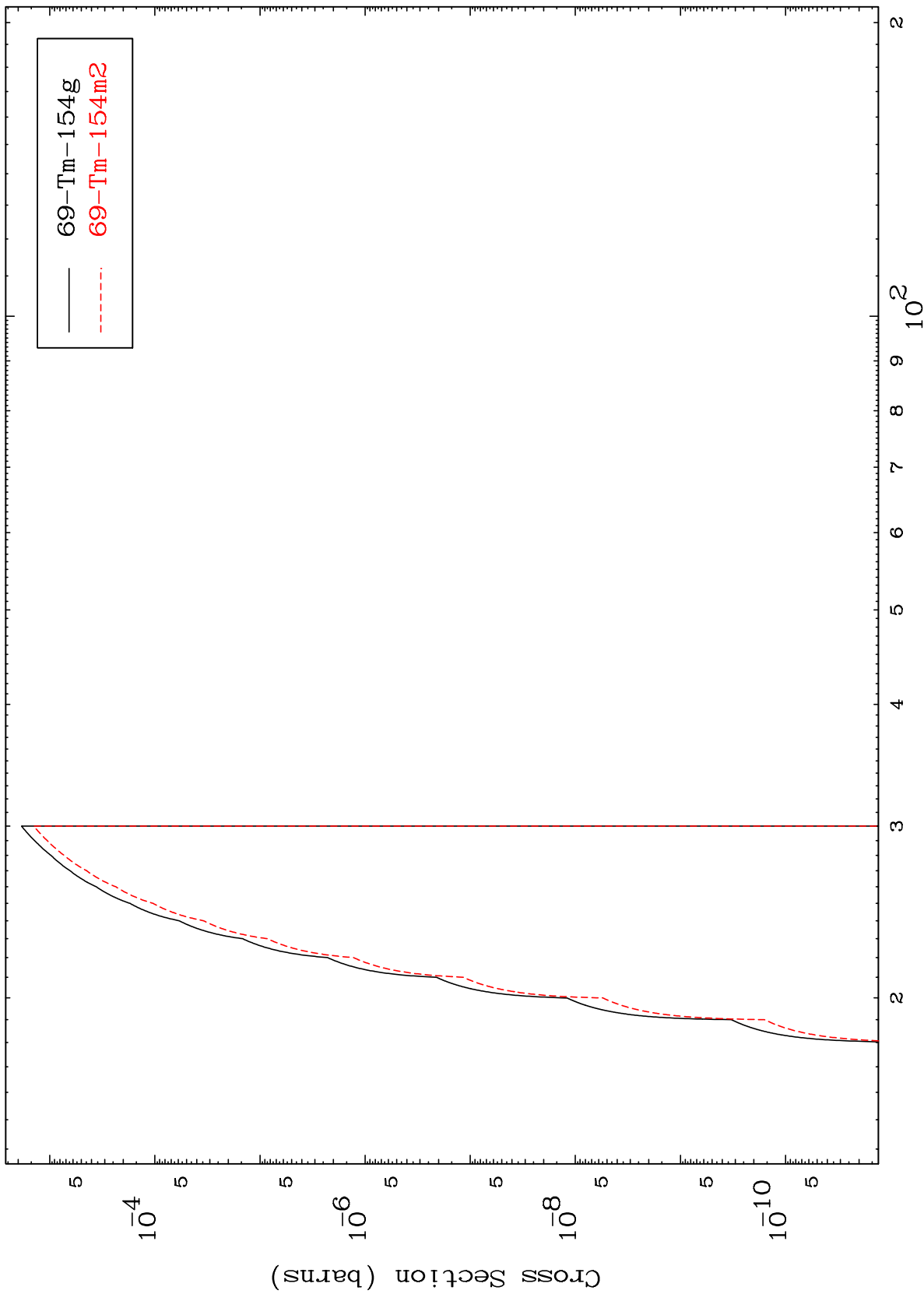
70-Yb-157

MAT 6992

(n,n') t

70-Yb-157

Radionuclide Production Cross Section



100

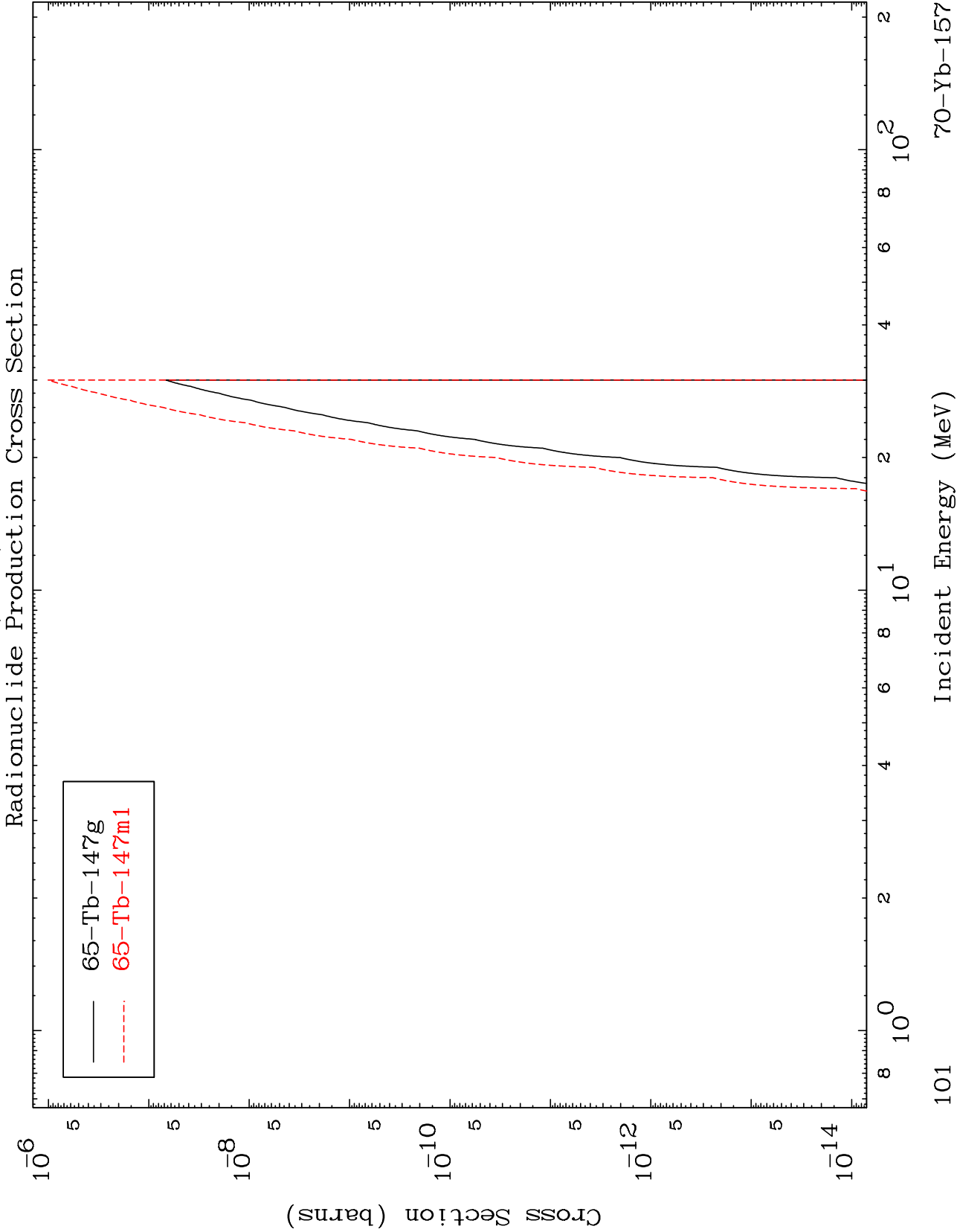
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,n') d,2α

70-Yb-157



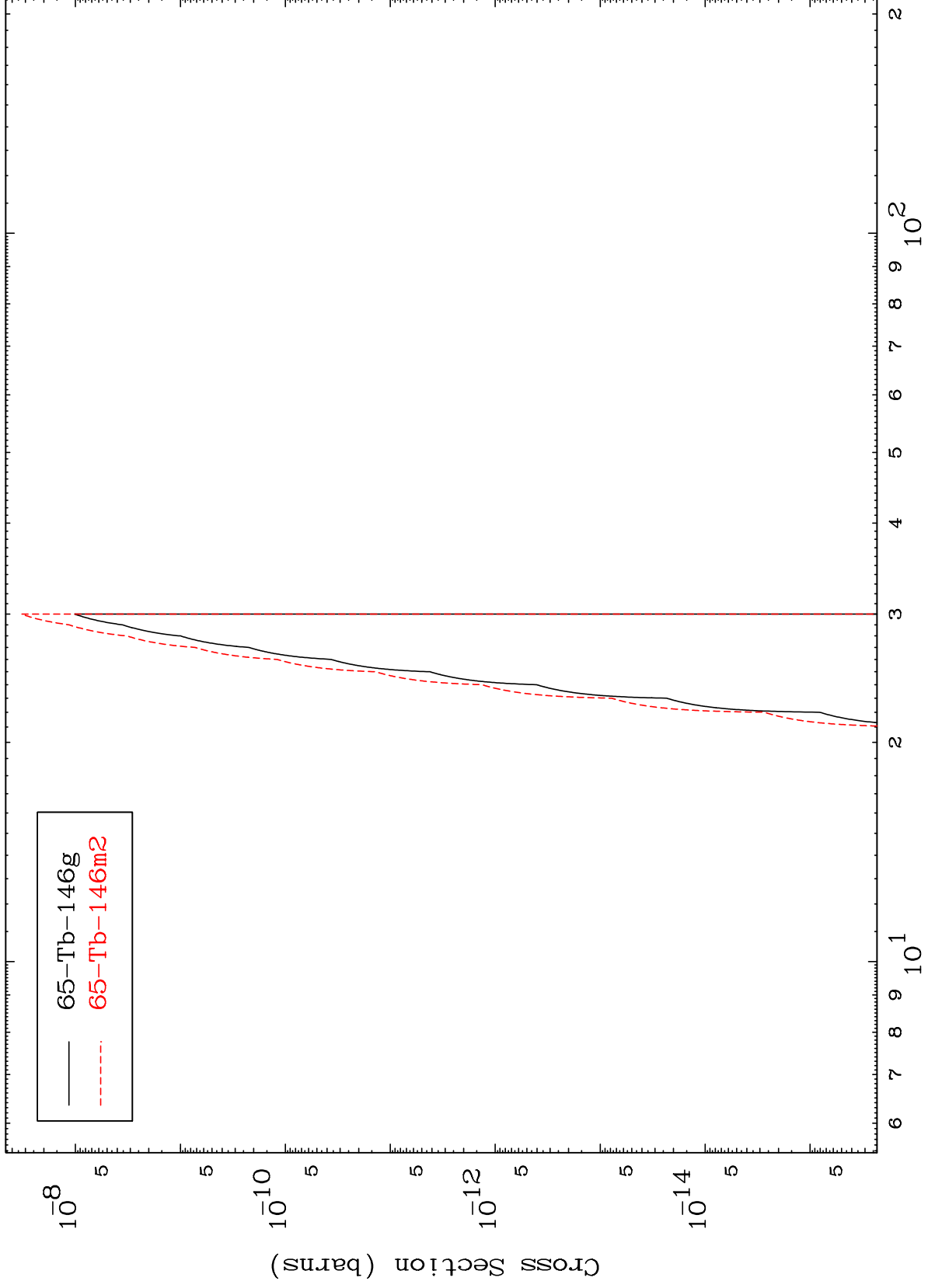
101

MAT 6992

(n,n') t,2α

70-Yb-157

Radionuclide Production Cross Section

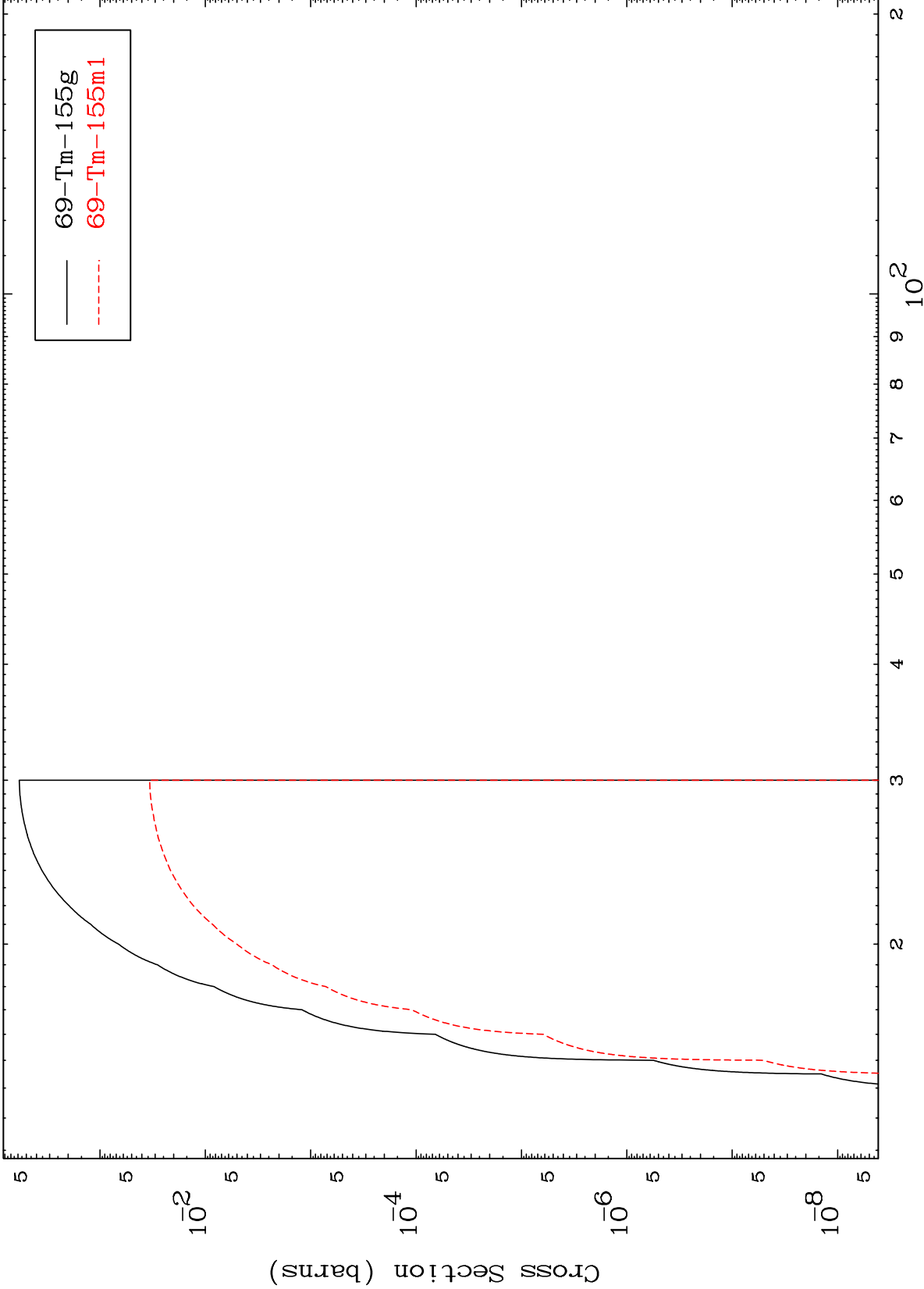


102

Incident Energy (MeV)

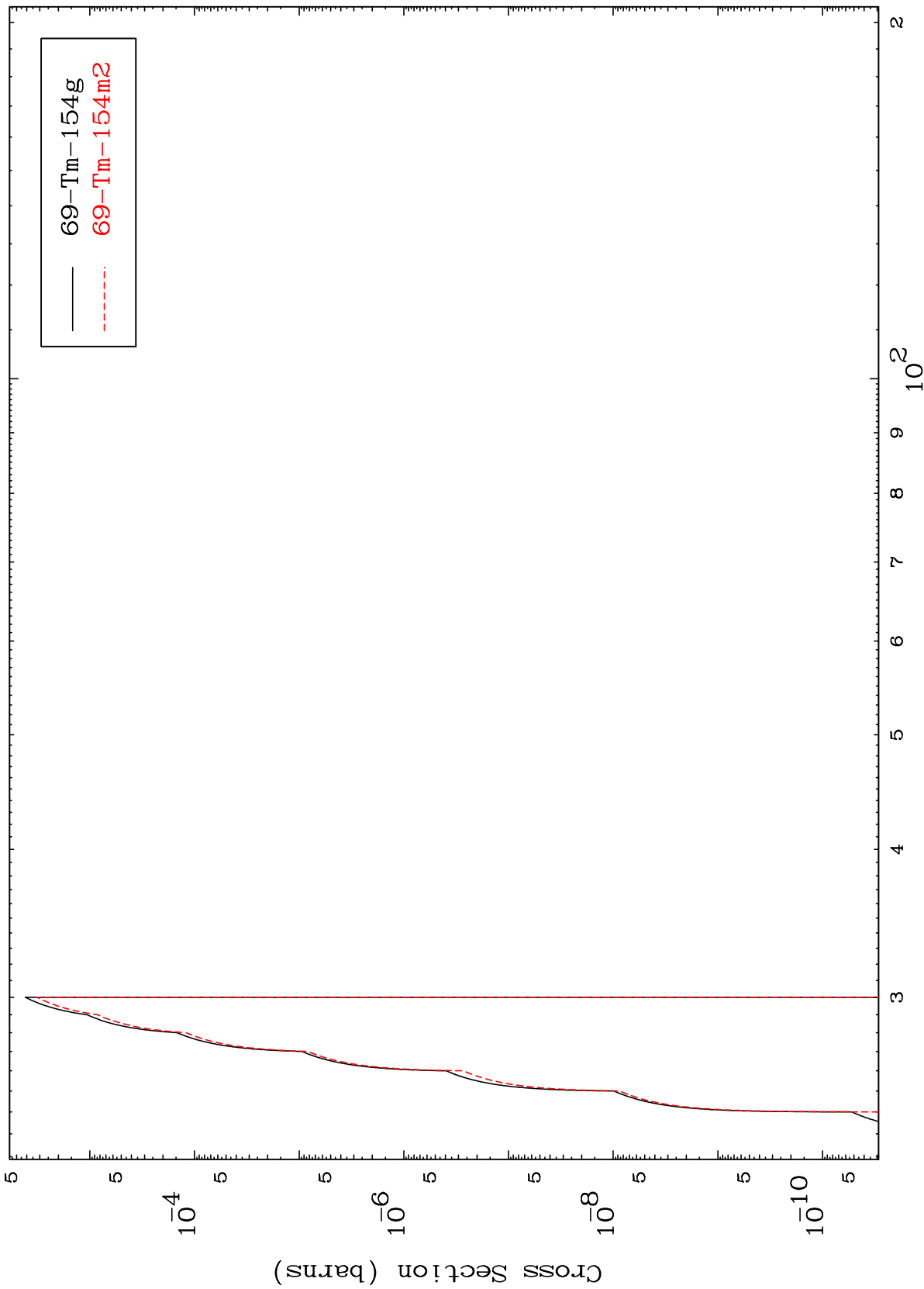
70-Yb-157

Radionuclide Production Cross Section





Radionuclide Production Cross Section

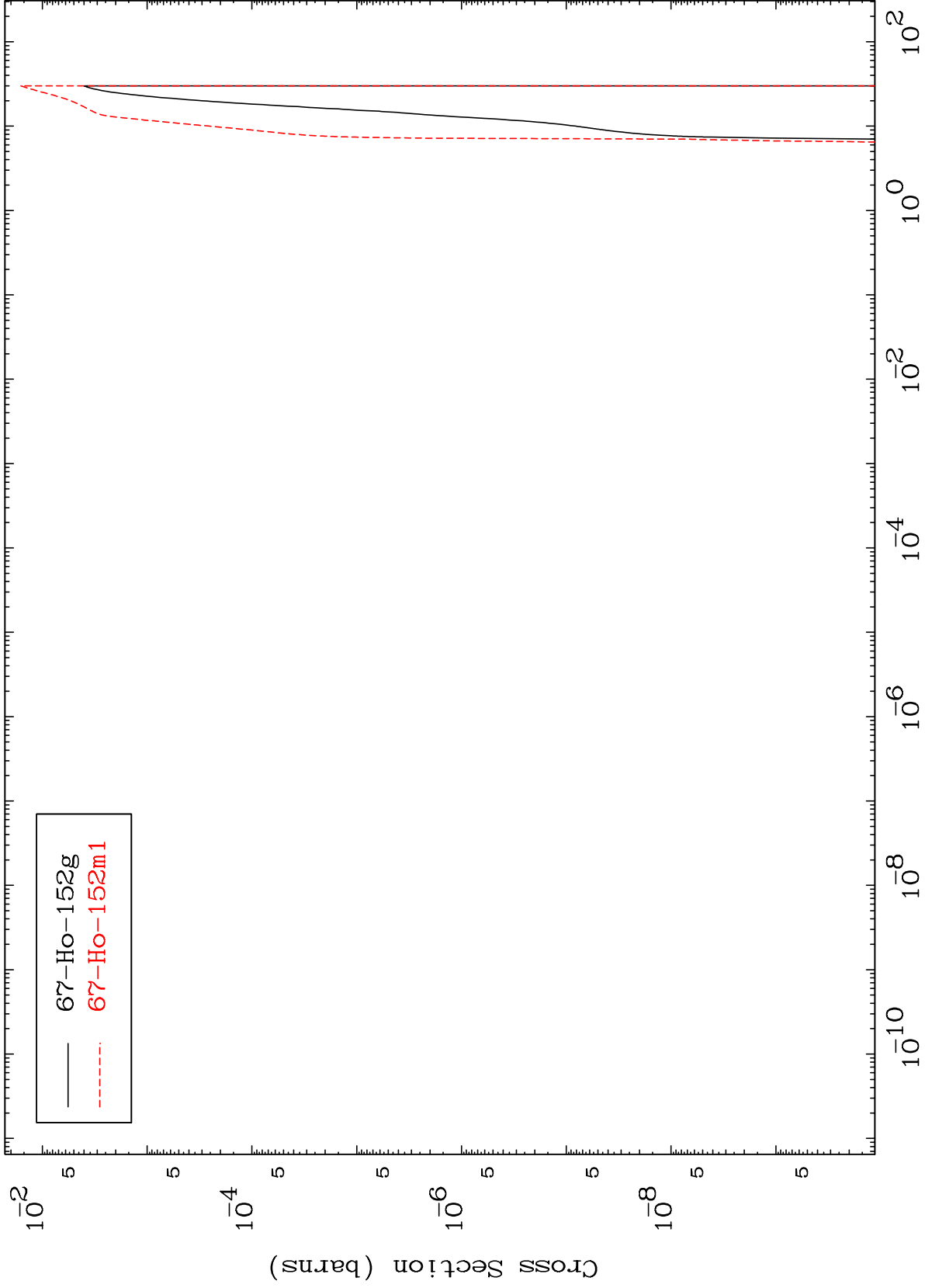


MAT 6992

(n,n') p  $\alpha$

70-Yb-157

Radionuclide Production Cross Section



105

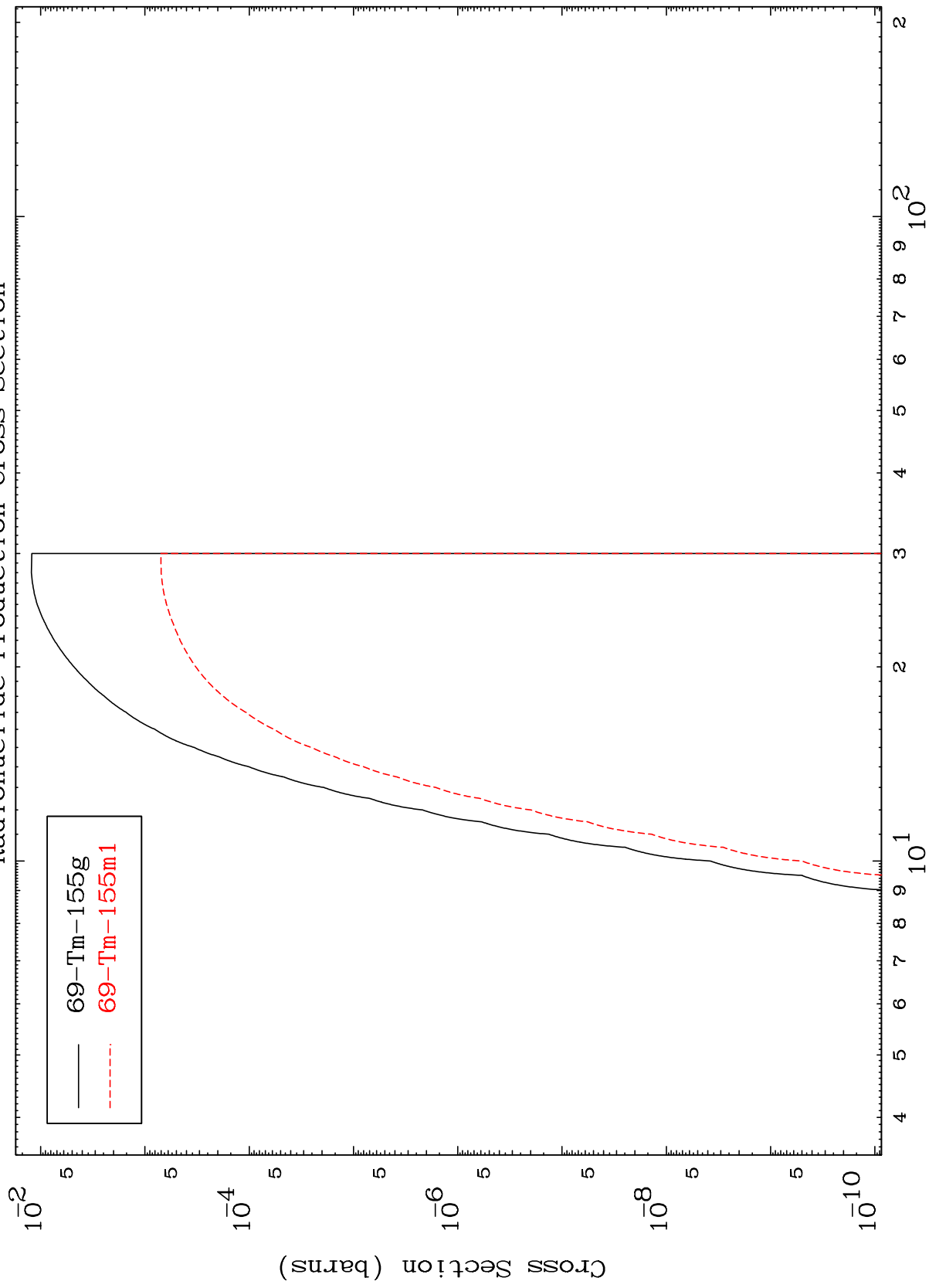
Incident Energy (MeV)

70-Yb-157

MAT 6992

70-Yb-157

Radionuclide Production Cross Section



106

Incident Energy (MeV)

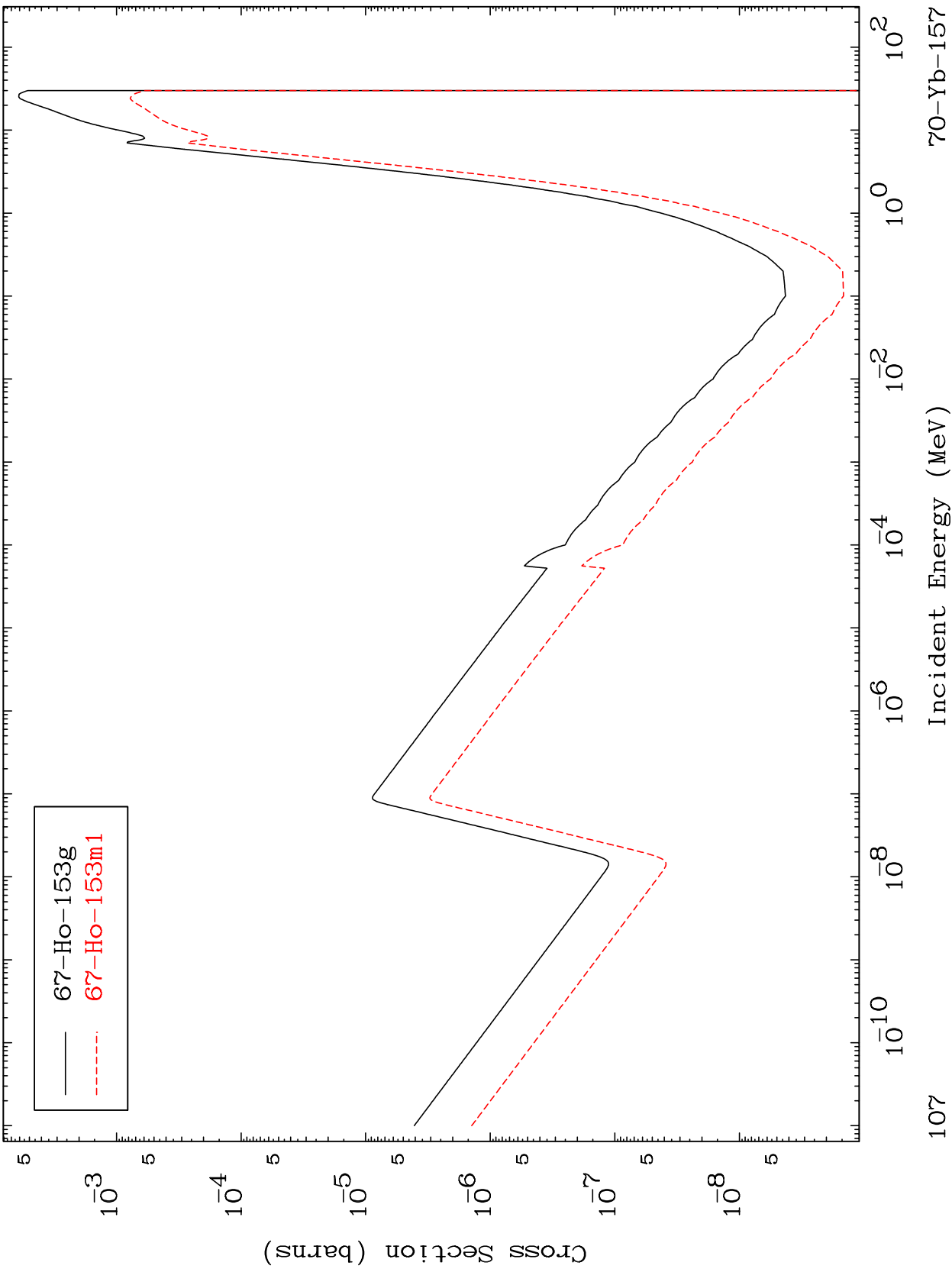
70-Yb-157

MAT 6992

(n,p)  $\alpha$

70-Yb-157

Radionuclide Production Cross Section



— 67-Ho-153g  
- - - 67-Ho-153m1

107

Incident Energy (MeV)

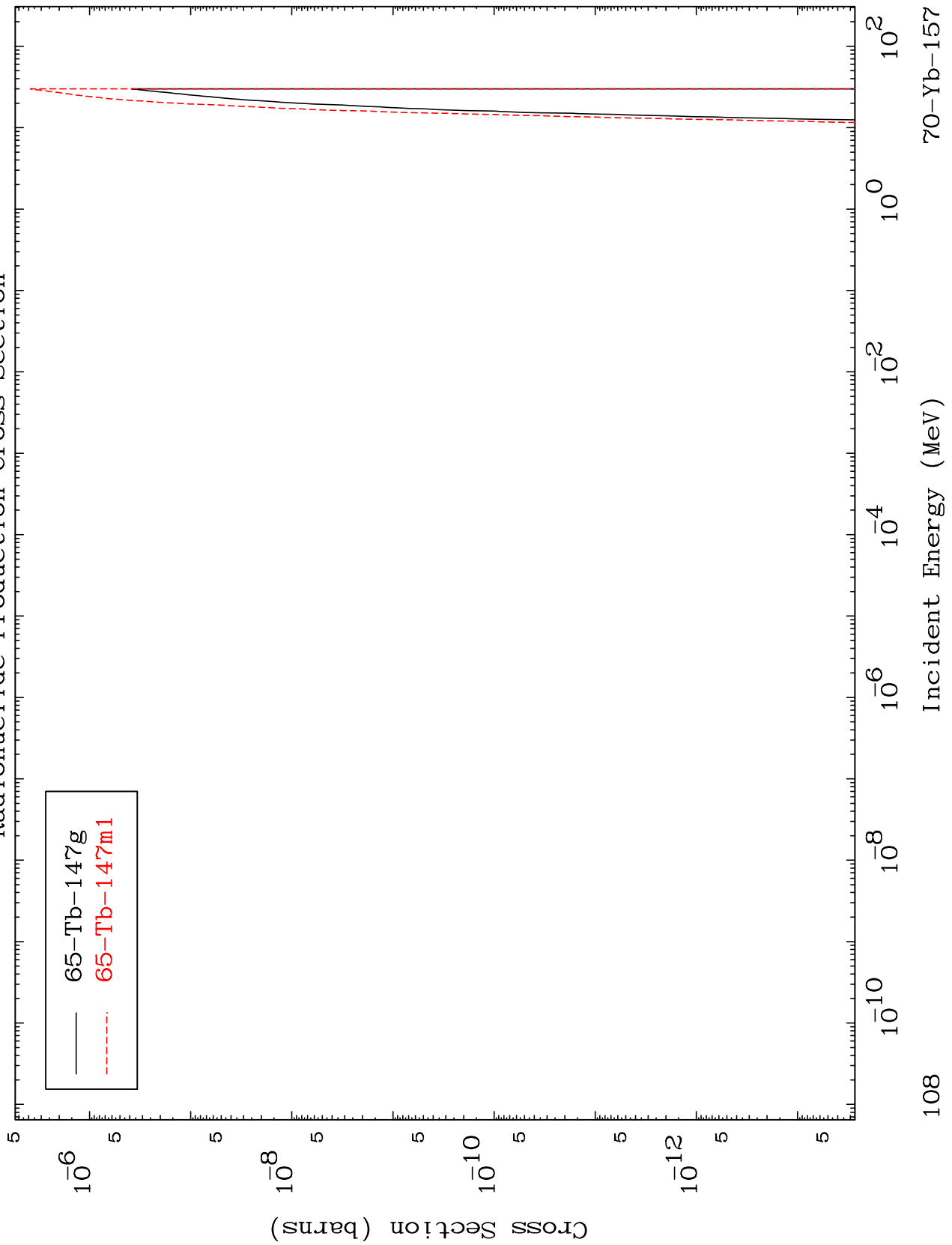
70-Yb-157

MAT 6992

(n,t) 2 $\alpha$

70-Yb-157

Radionuclide Production Cross Section

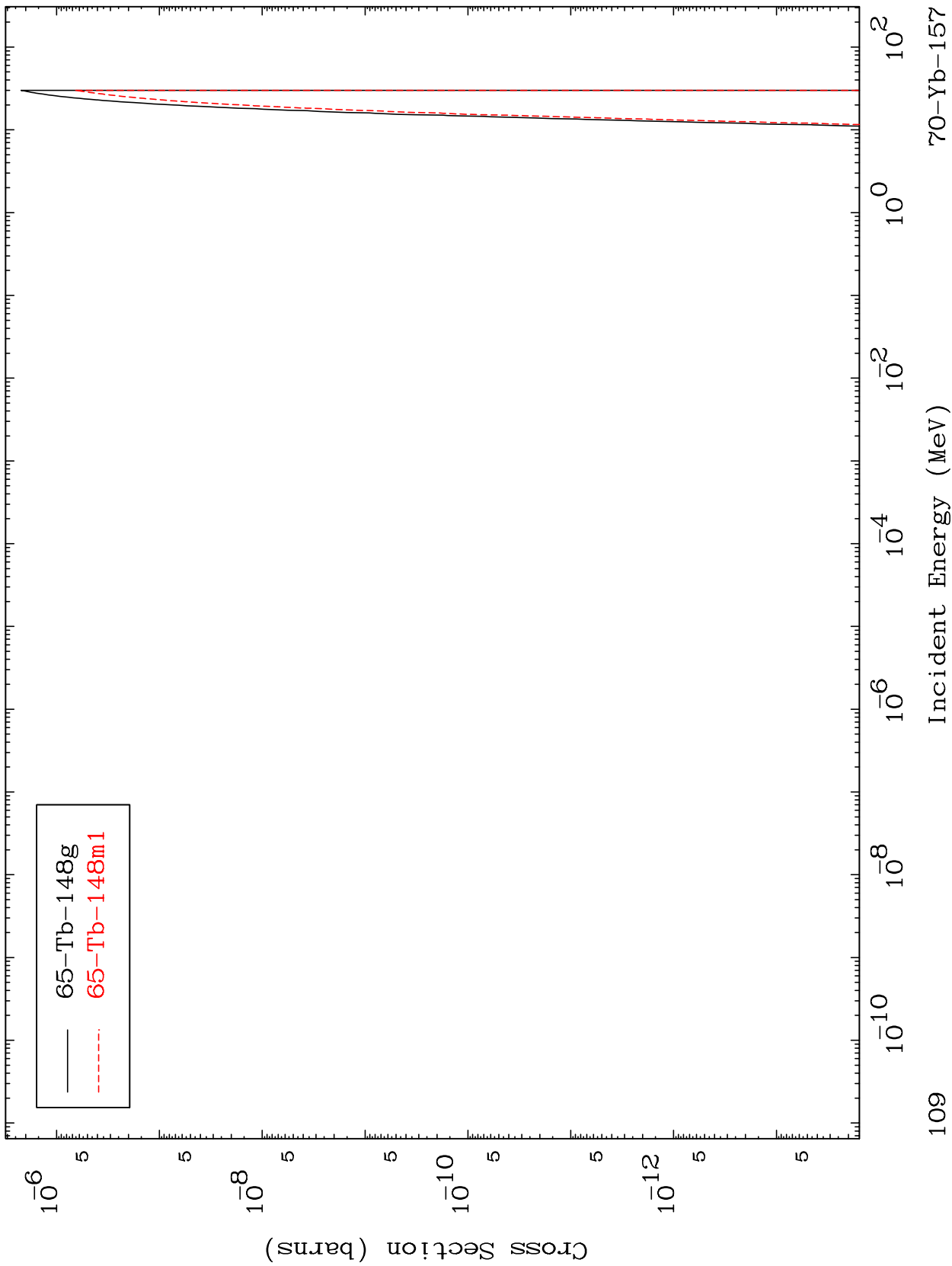


MAT 6992

(n,d) 2 $\alpha$

70-Yb-157

Radionuclide Production Cross Section



MAT 6992

(n,d)  $\alpha$

70-Yb-157

Radionuclide Production Cross Section

