

Program EVALPLOT  
(Version 2015-2)

by

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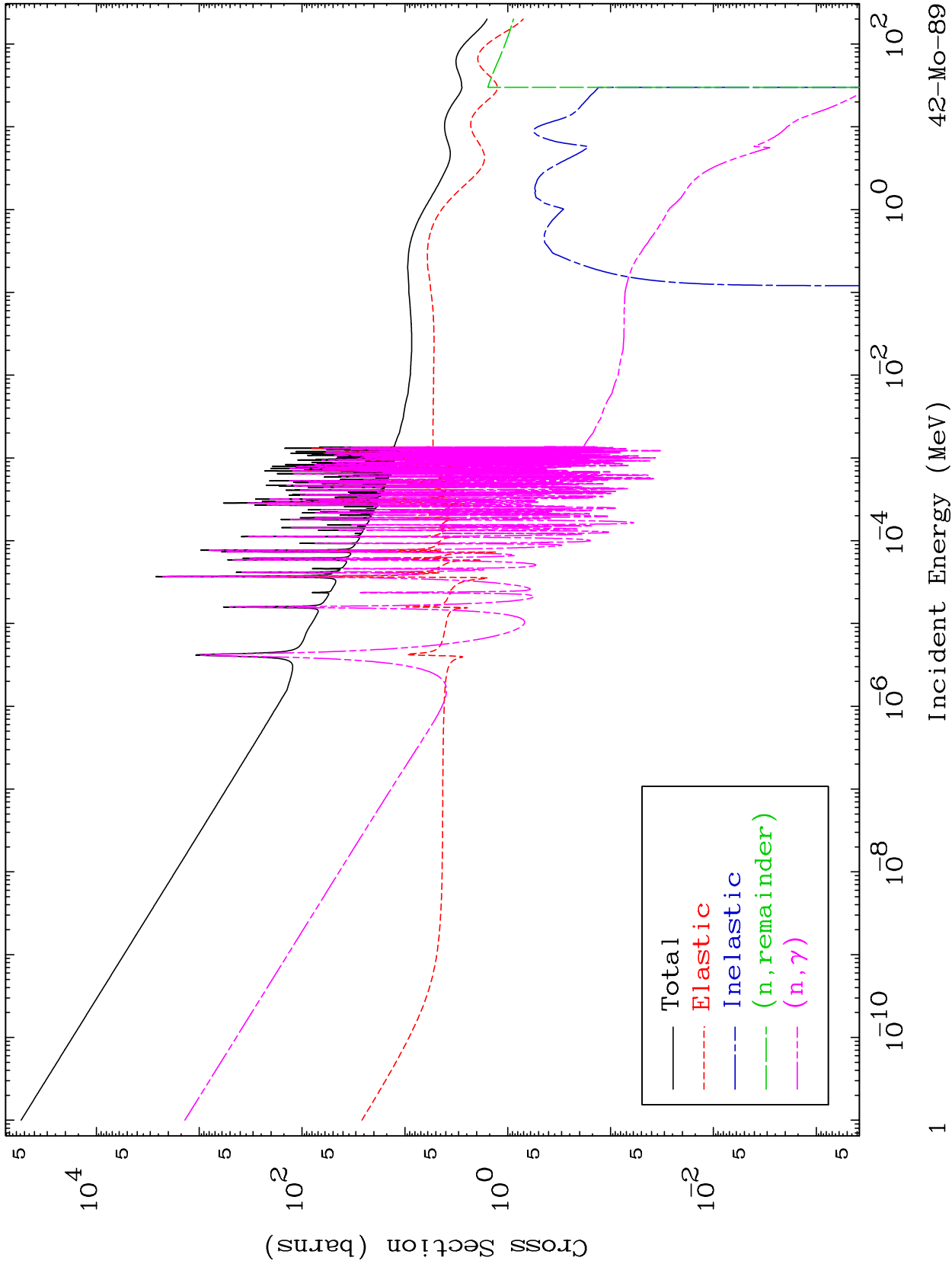
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4216

Major  
293 Kelvin Cross Sections

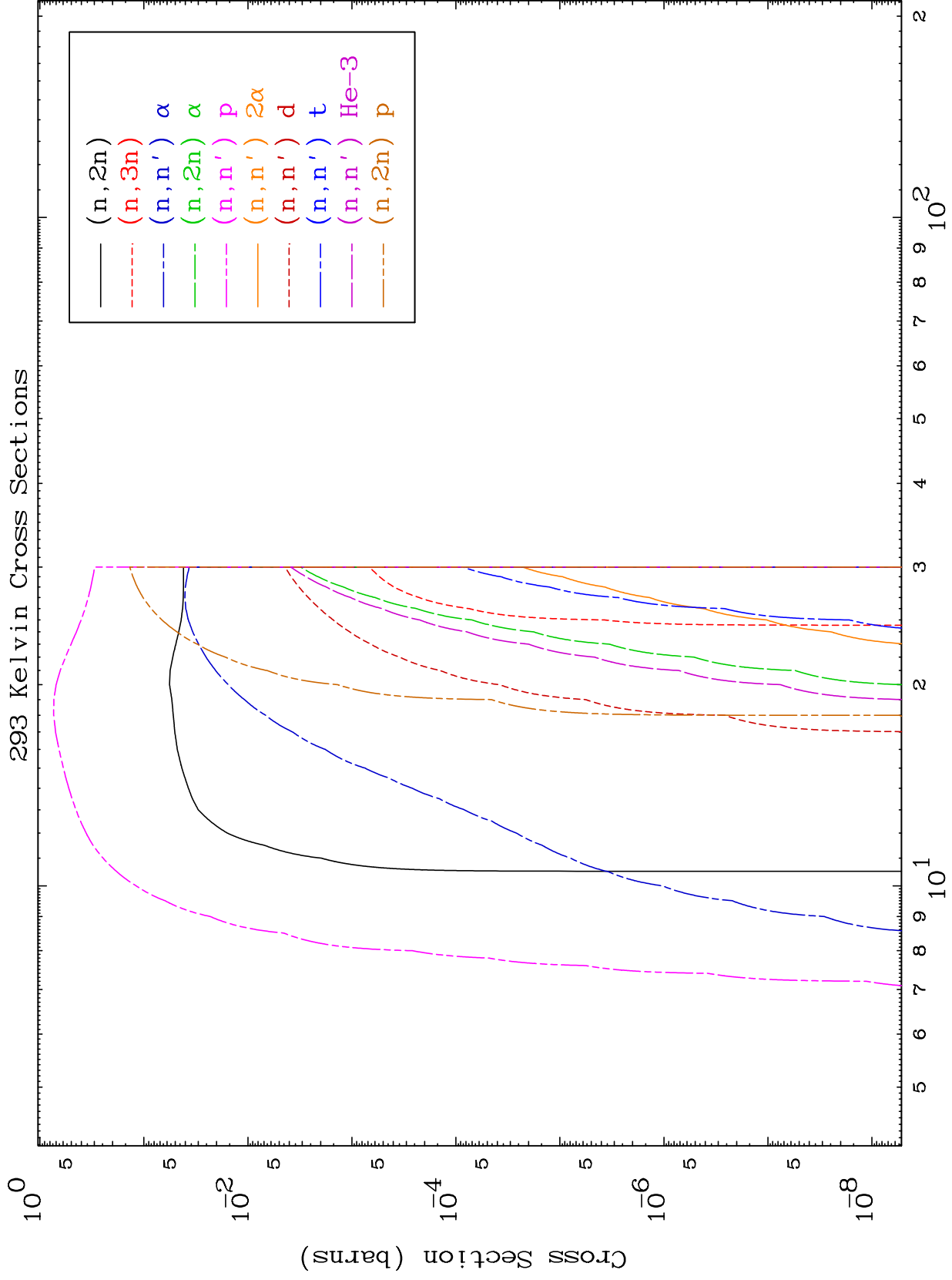
42-Mo-89



MAT 4216

Neutron Production  
293 Kelvin Cross Sections

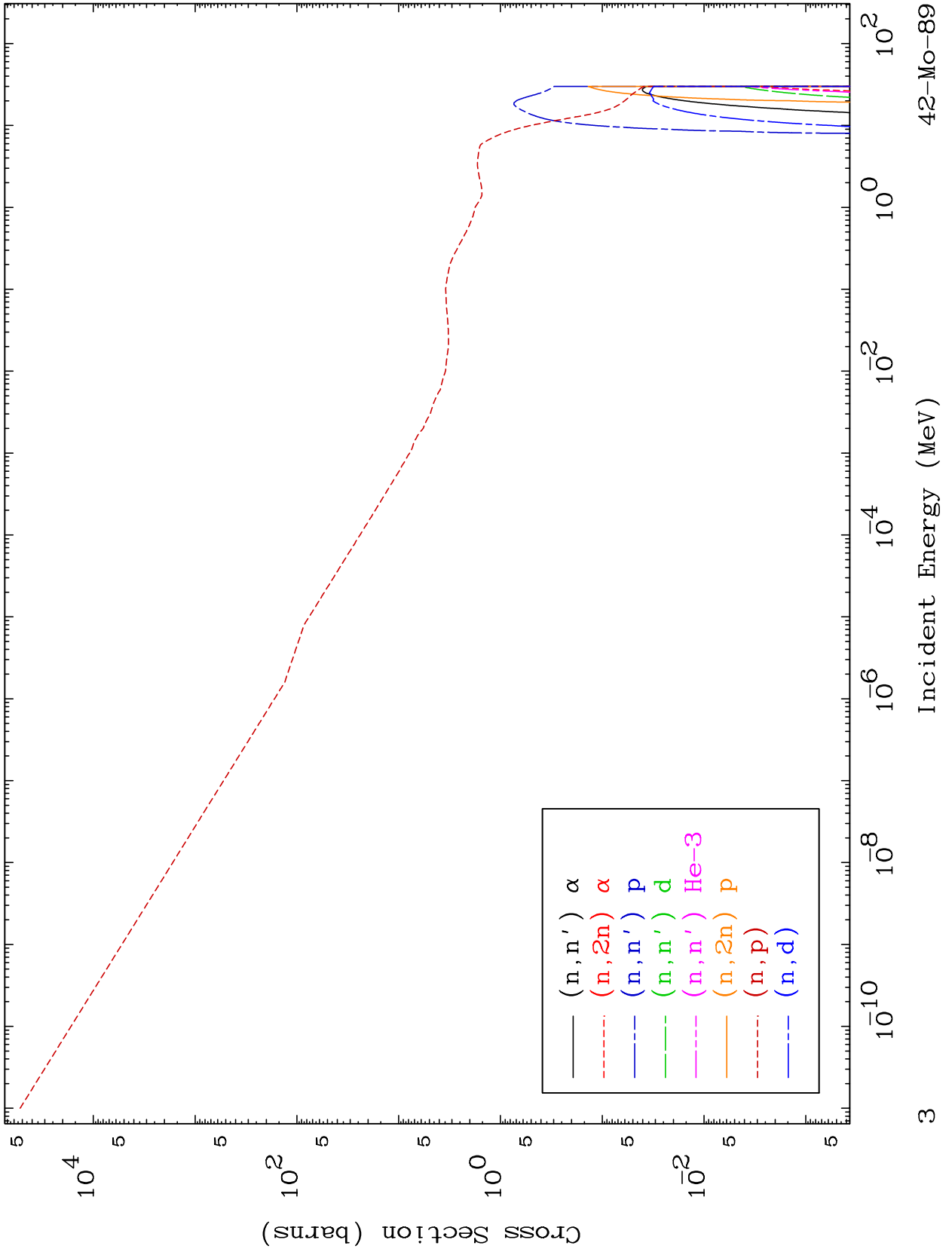
42-Mo-89



MAT 4216

Charged Particle  
293 Kelvin Cross Sections

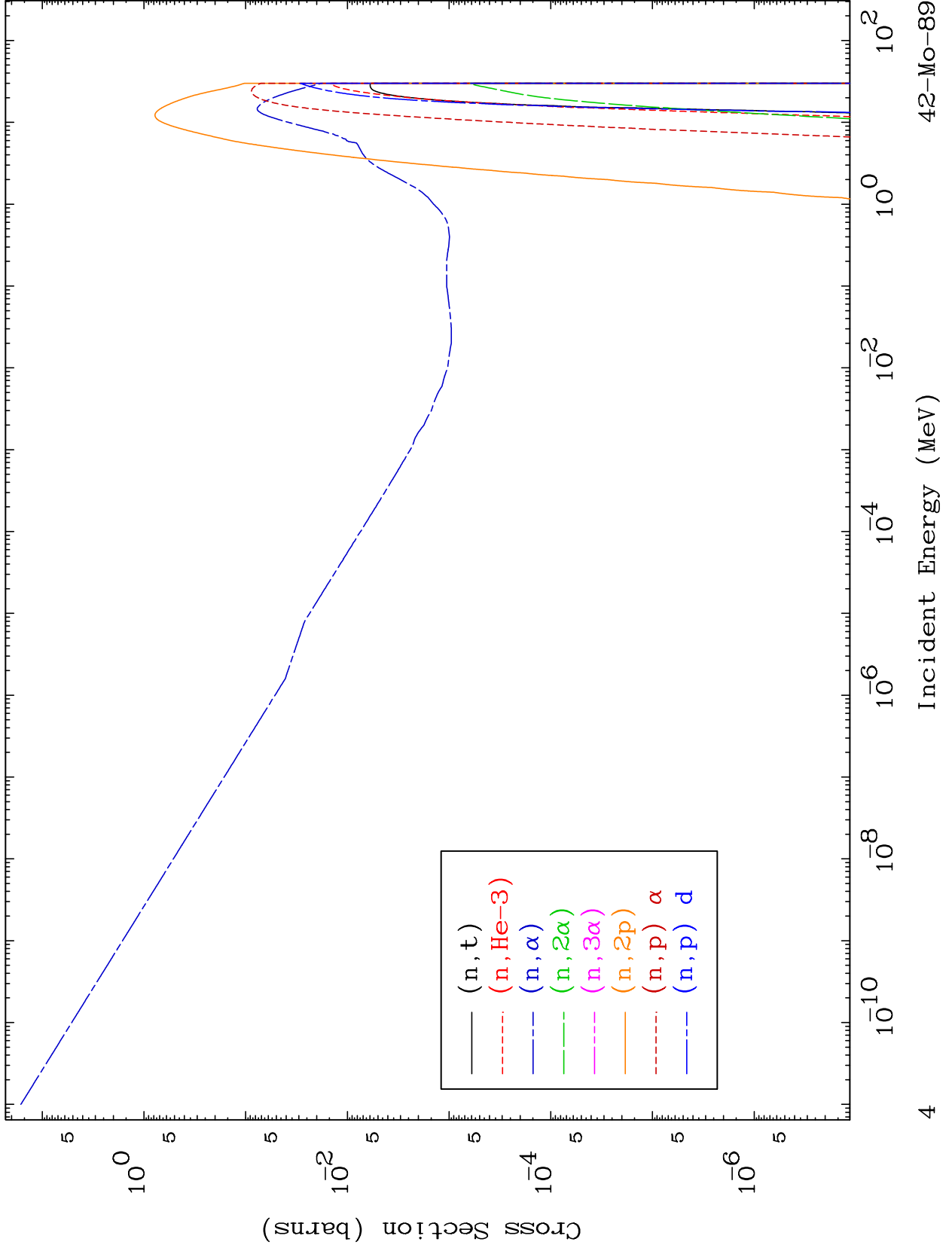
42-Mo-89

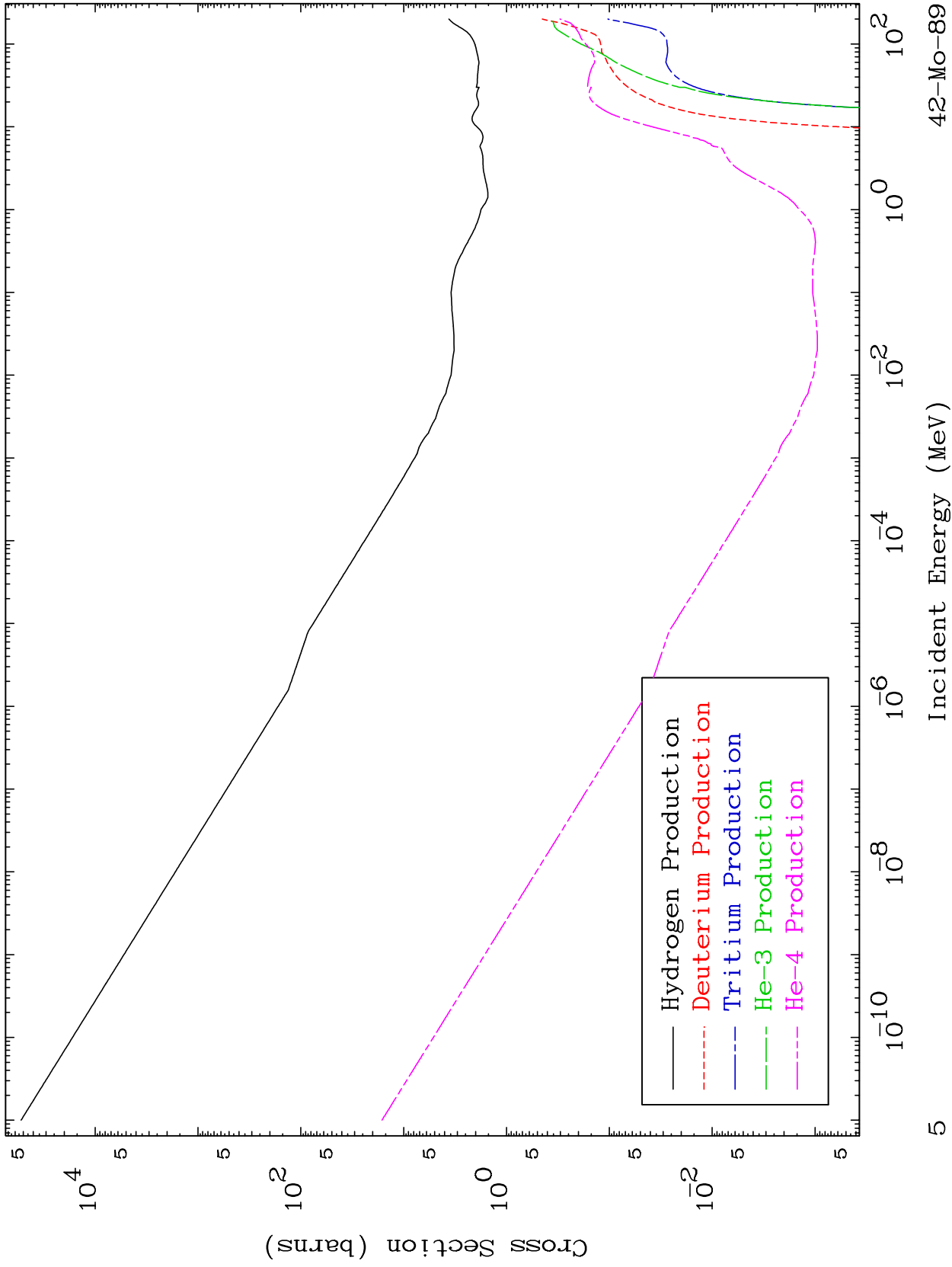


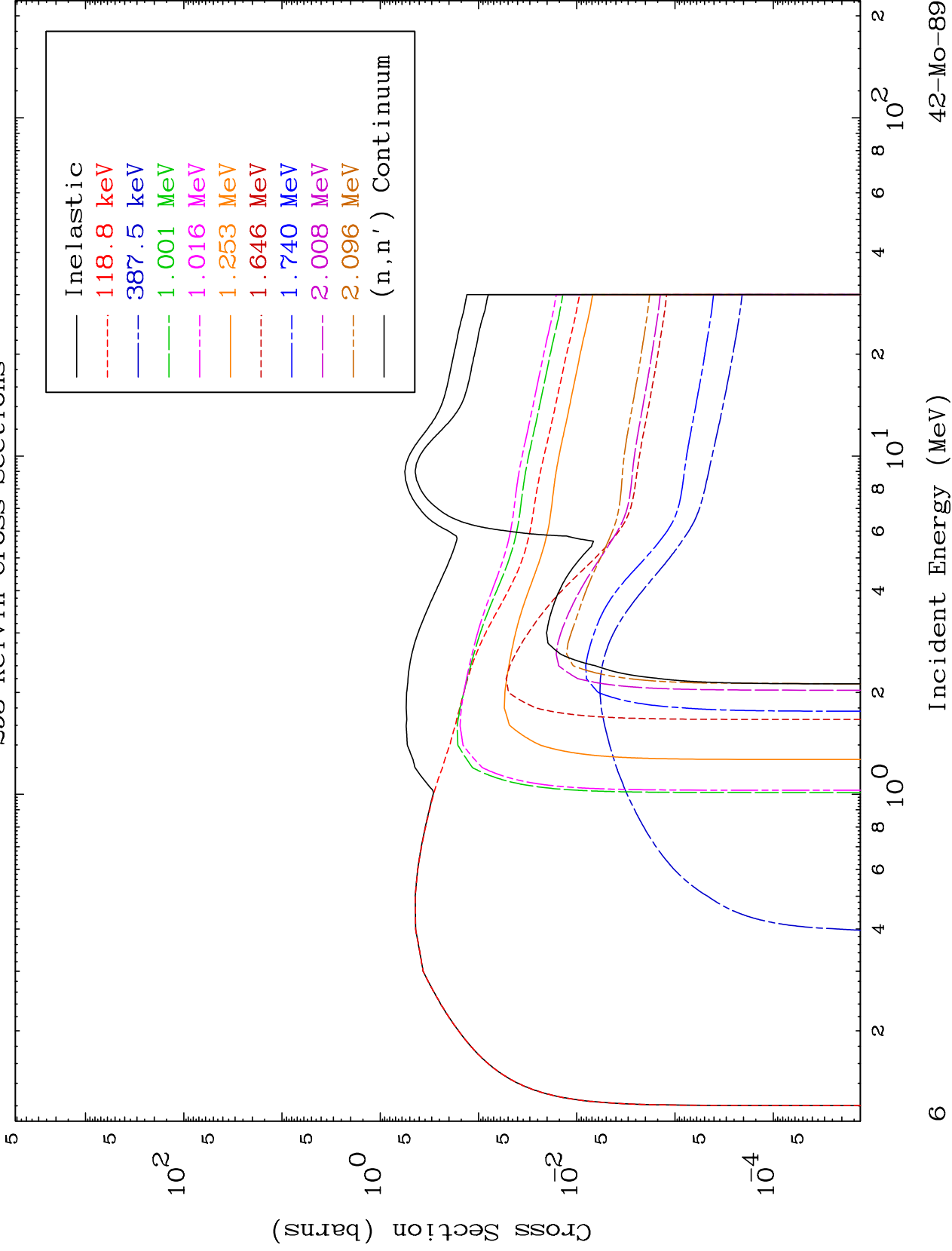
MAT 4216

Charged Particle  
293 Kelvin Cross Sections

42-Mo-89



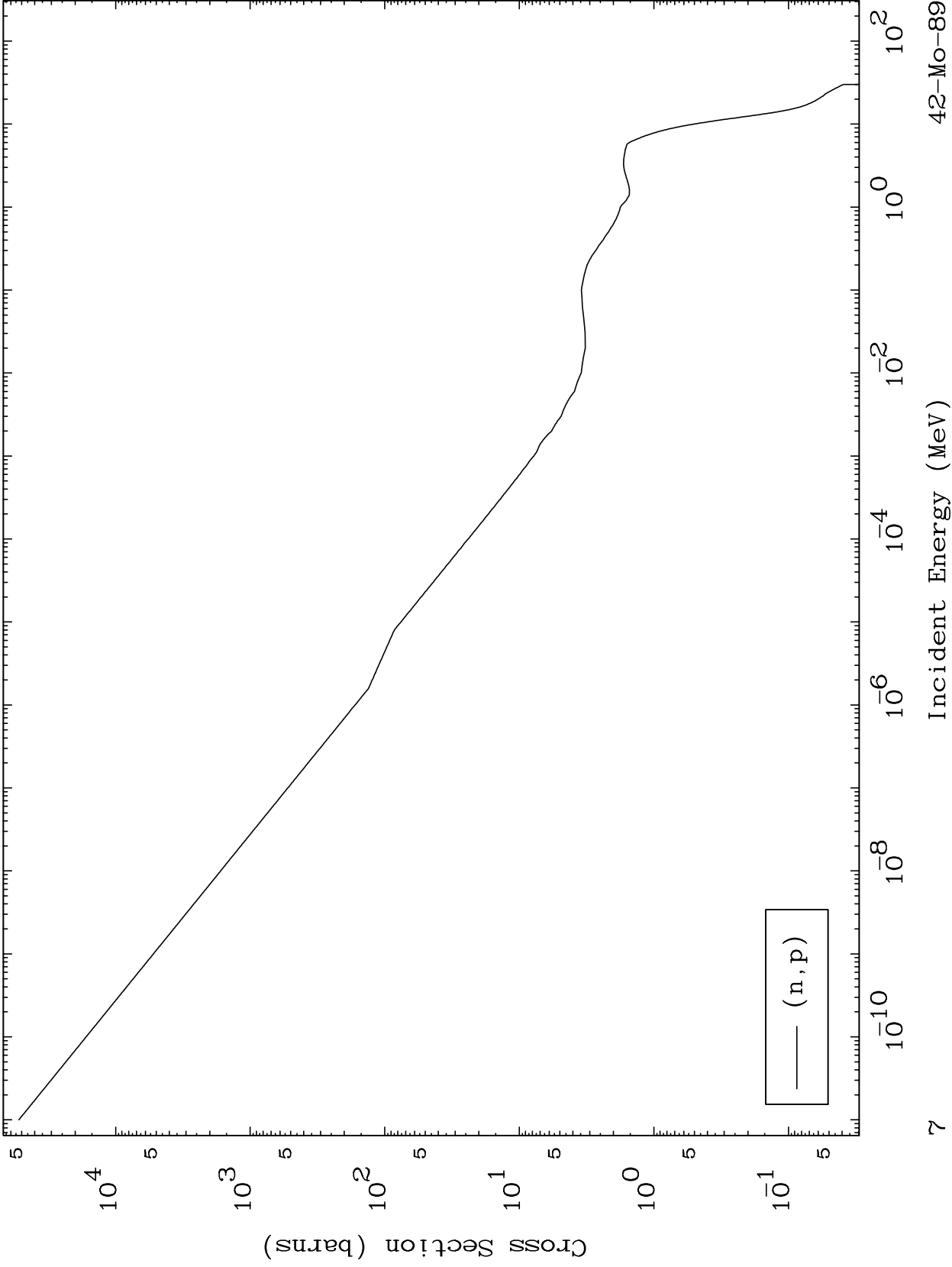




MAT 4216

(n,p) Levels  
293 Kelvin Cross Sections

42-Mo-89

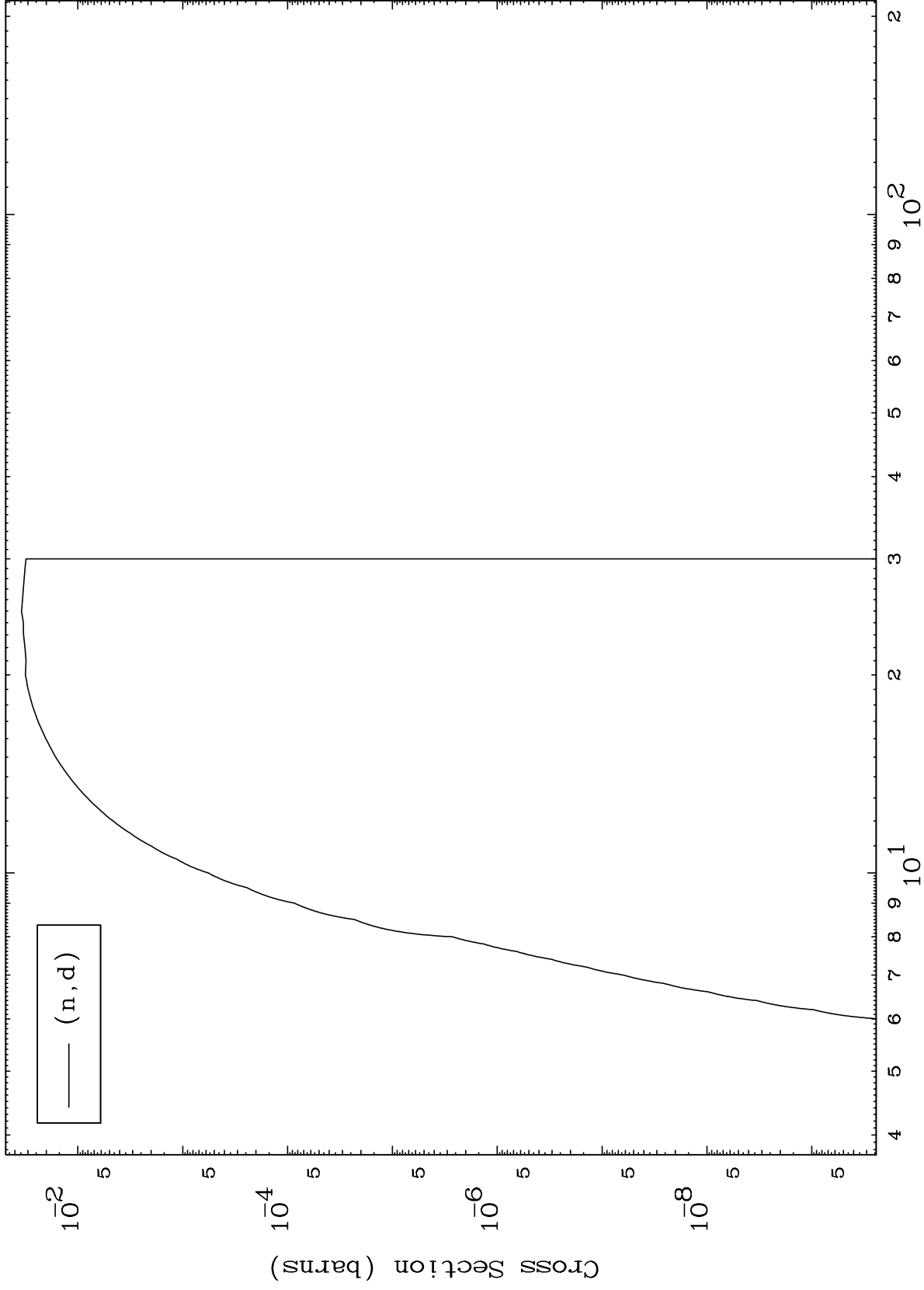




MAT 4216

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-89



8

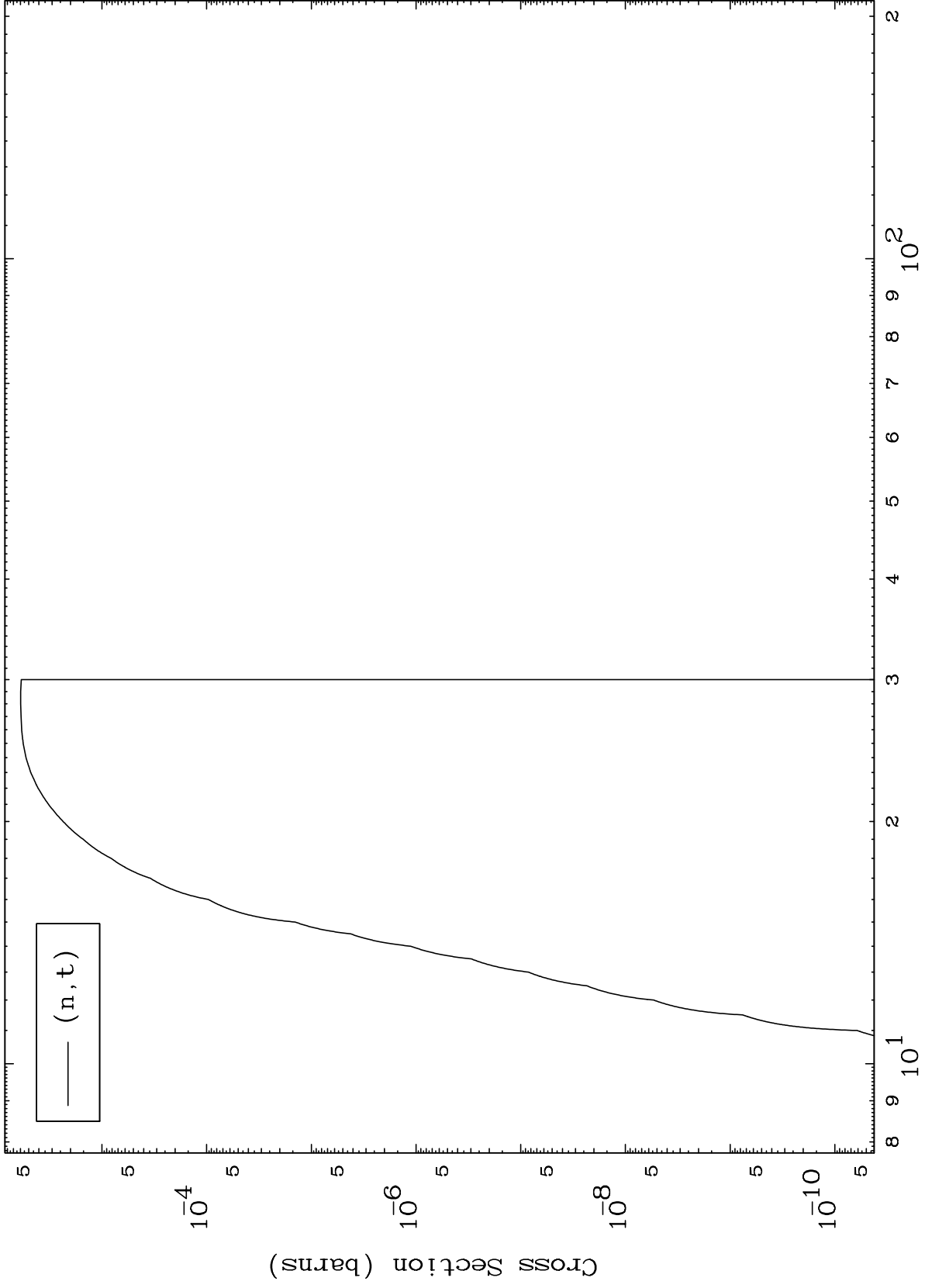
Incident Energy (MeV)

42-Mo-89

MAT 4216

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-89



9

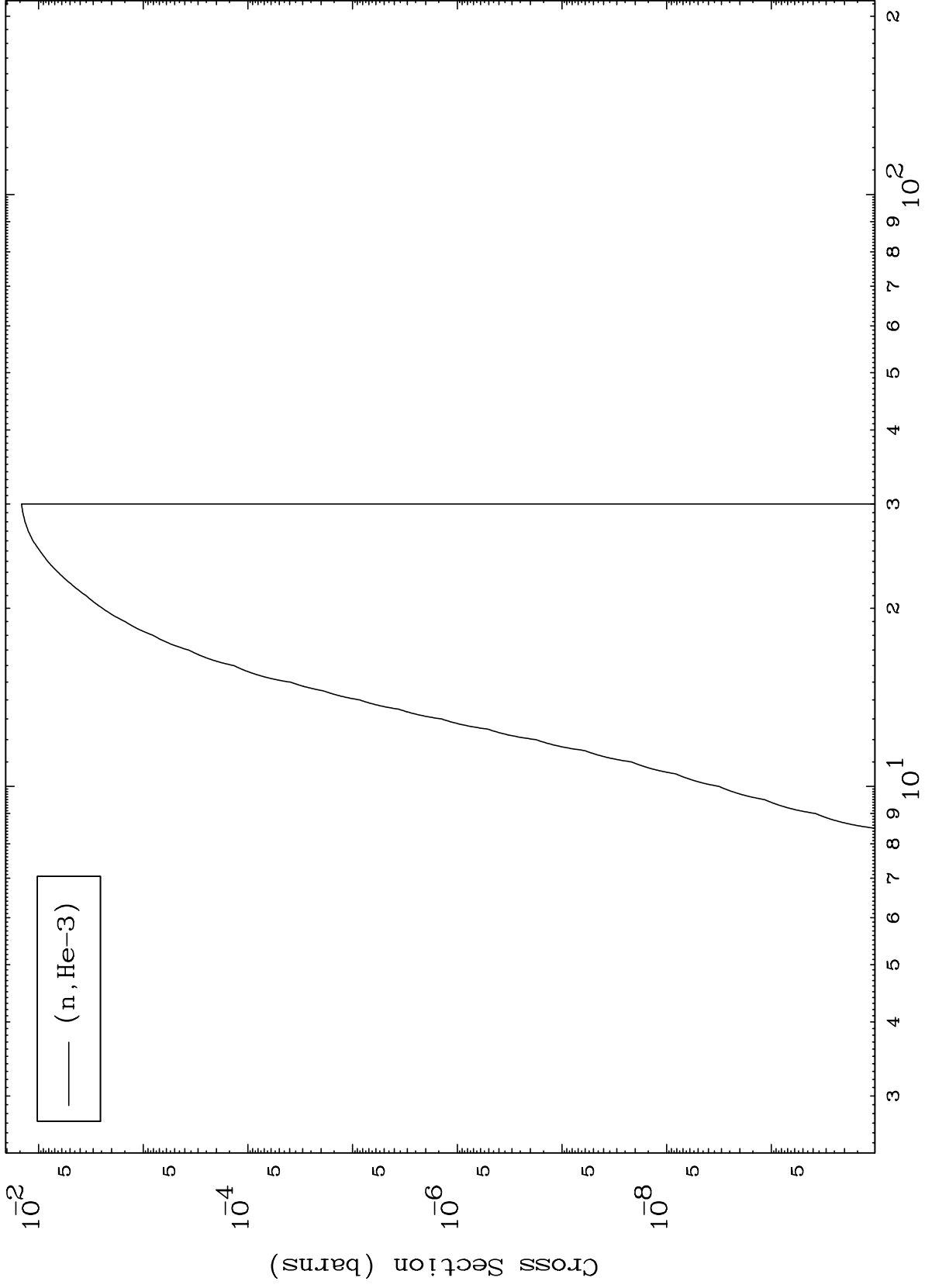
Incident Energy (MeV)

42-Mo-89

MAT 4216

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-89



10

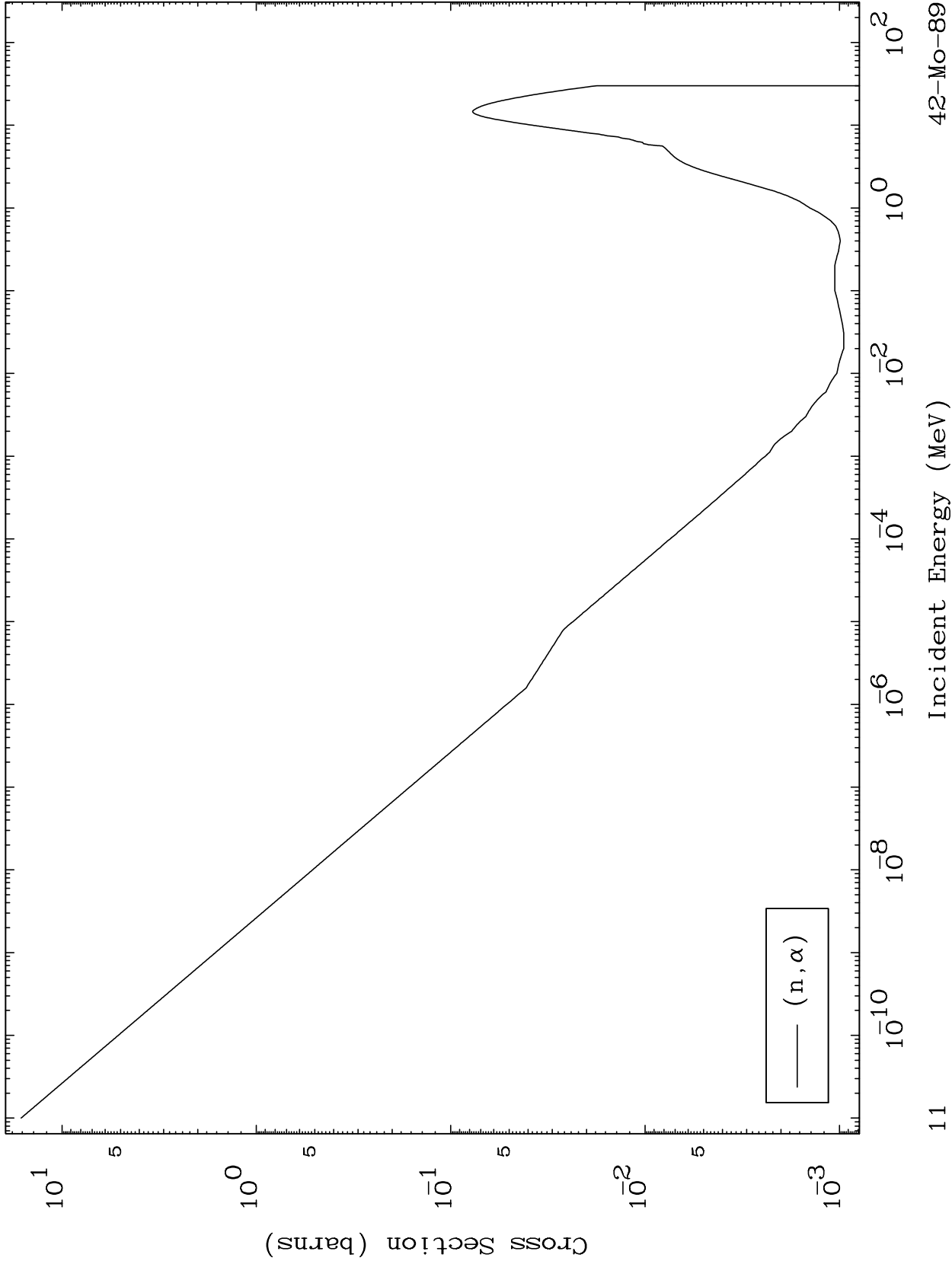
Incident Energy (MeV)

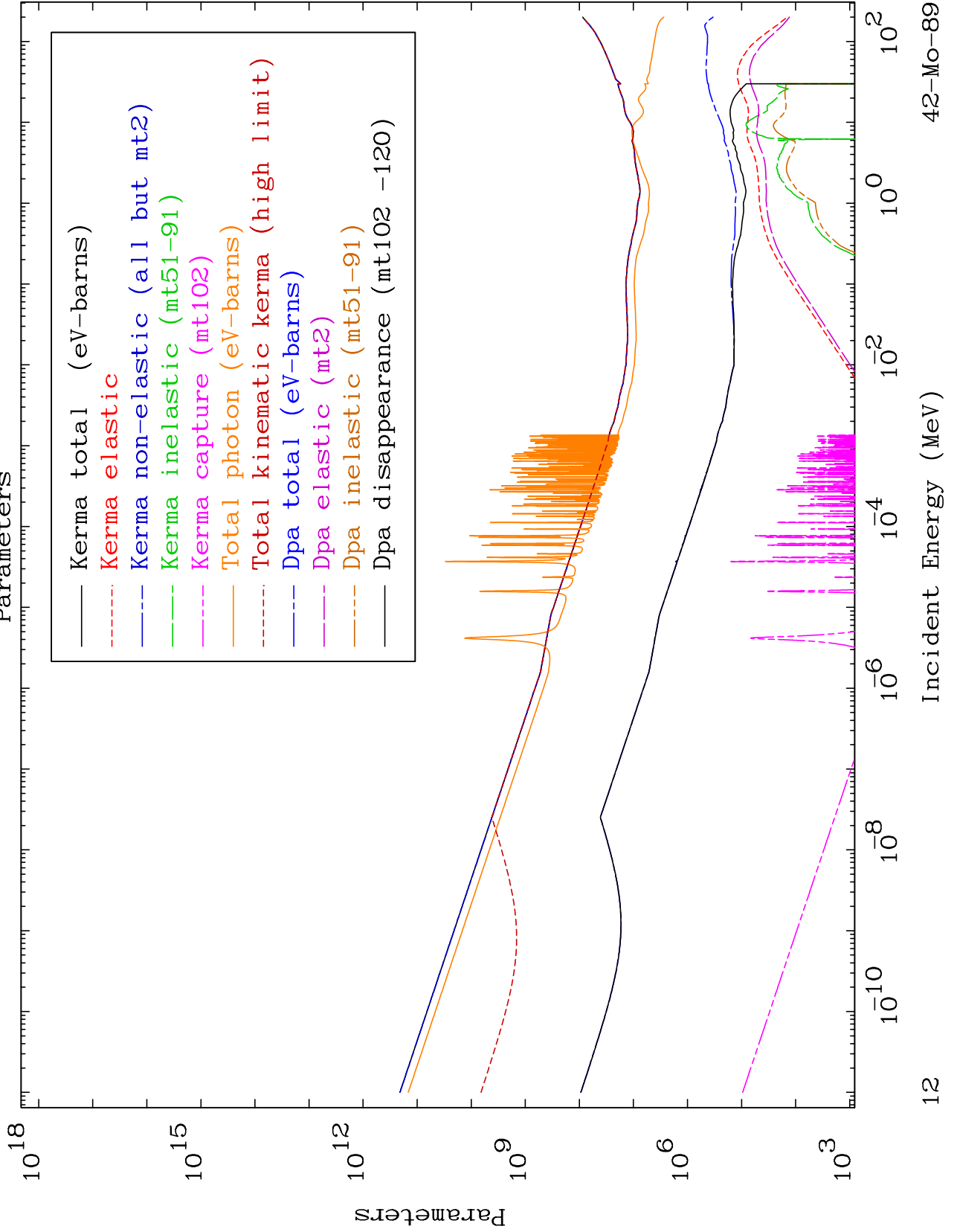
42-Mo-89

MAT 4216

(n,α) Levels  
293 Kelvin Cross Sections

42-Mo-89

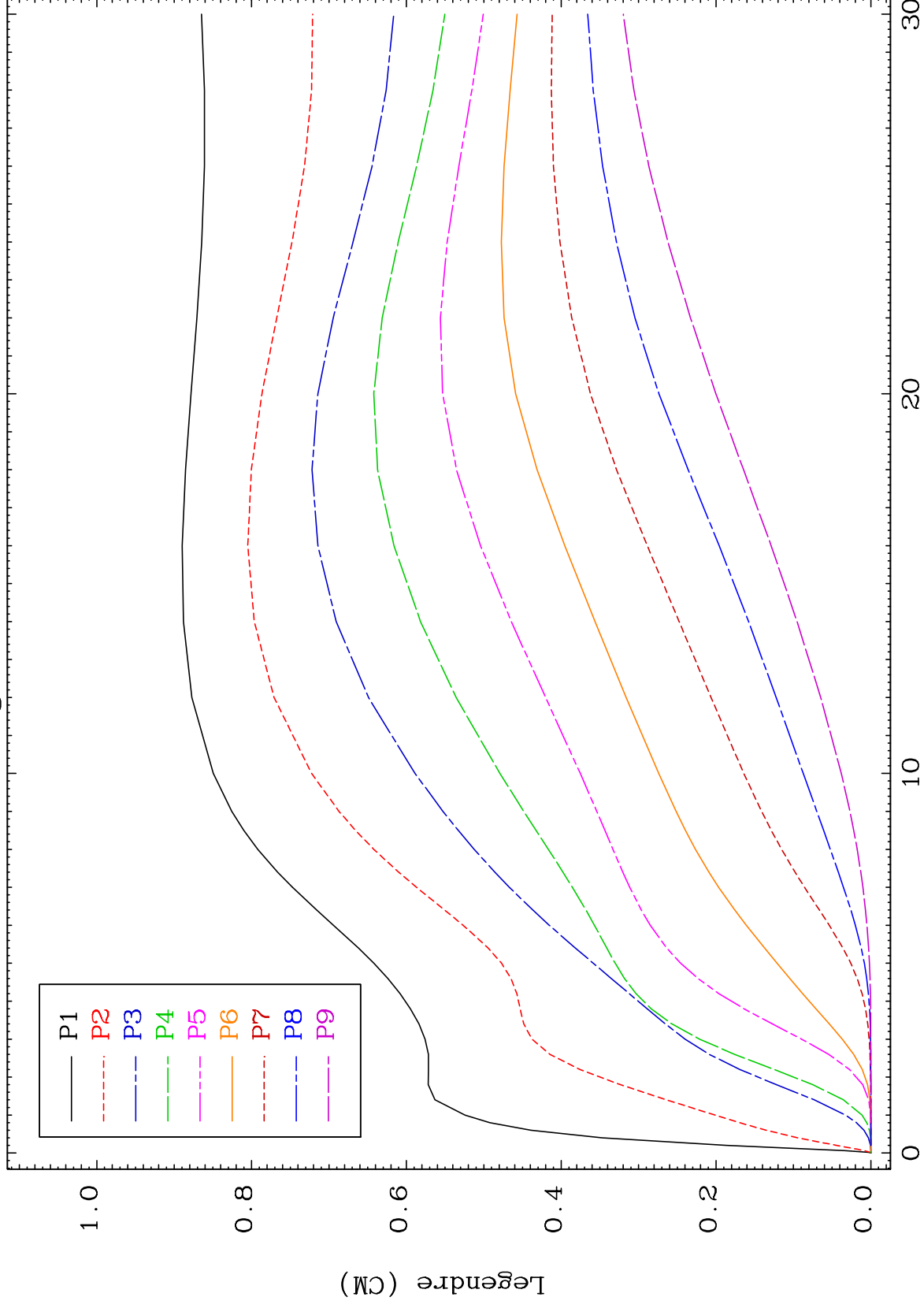




MAT 4216

Elastic Legendre Coefficients

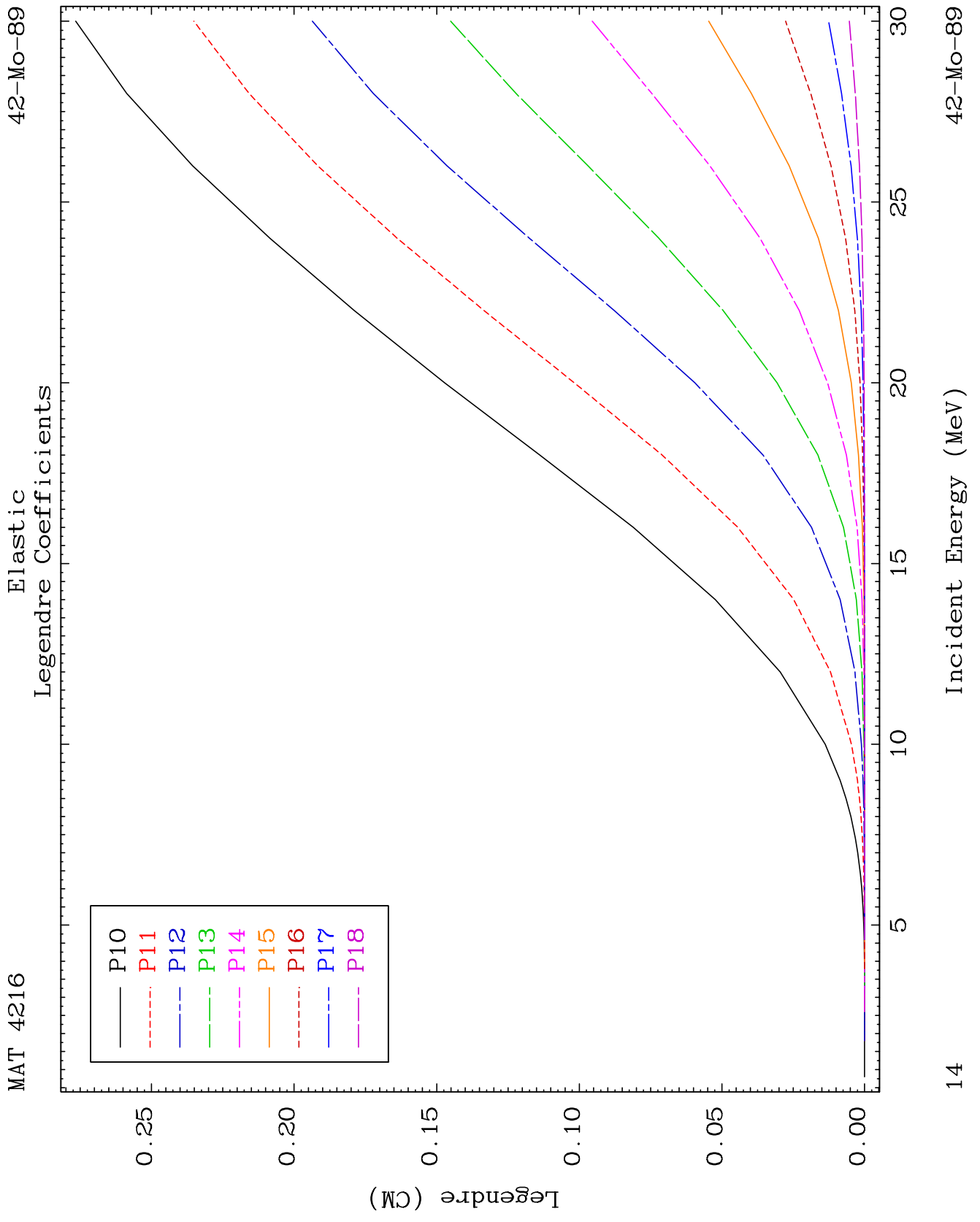
42-Mo-89



13

Incident Energy (MeV)

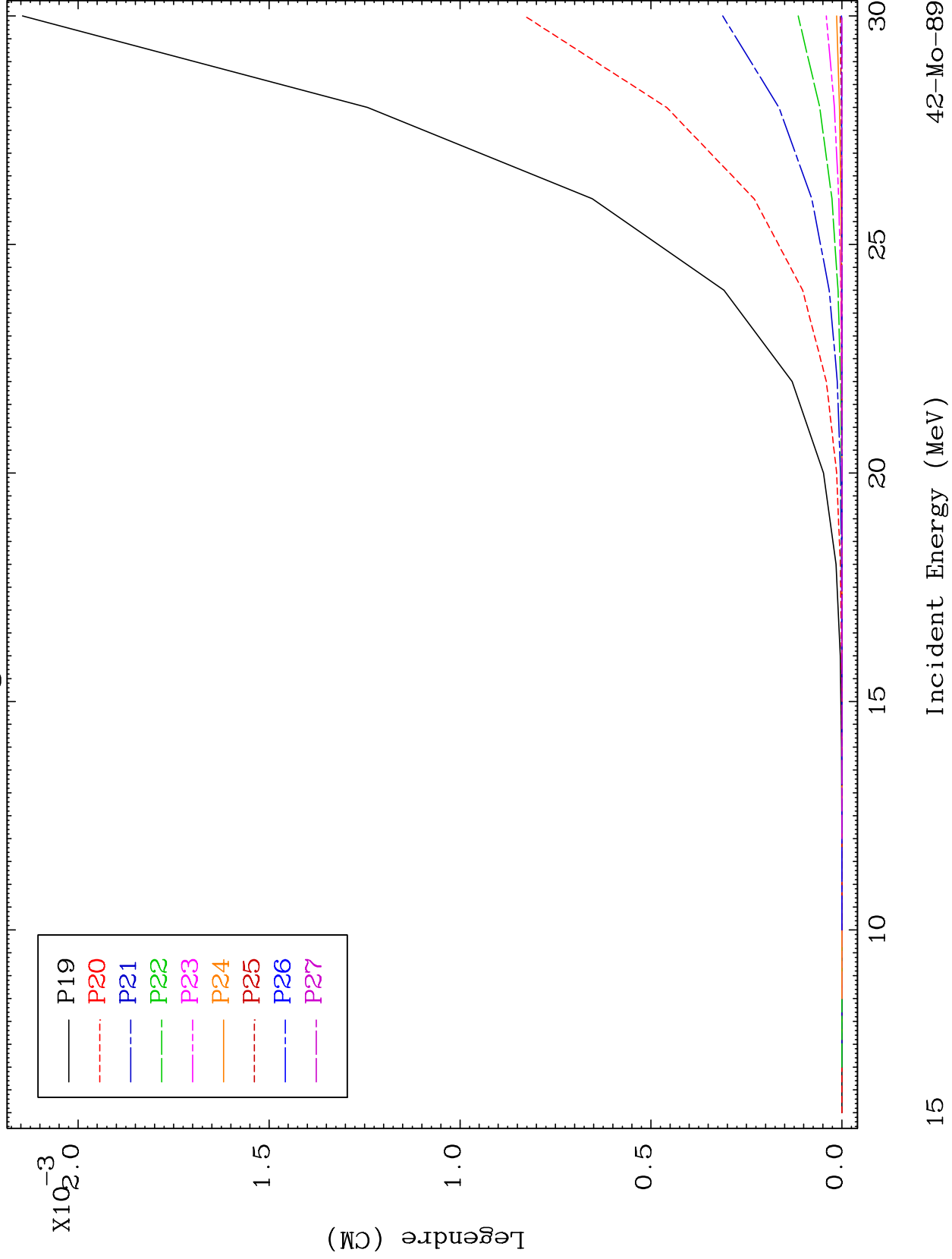
42-Mo-89



MAT 4216

Elastic Legendre Coefficients

42-Mo-89



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Incident Energy (MeV)

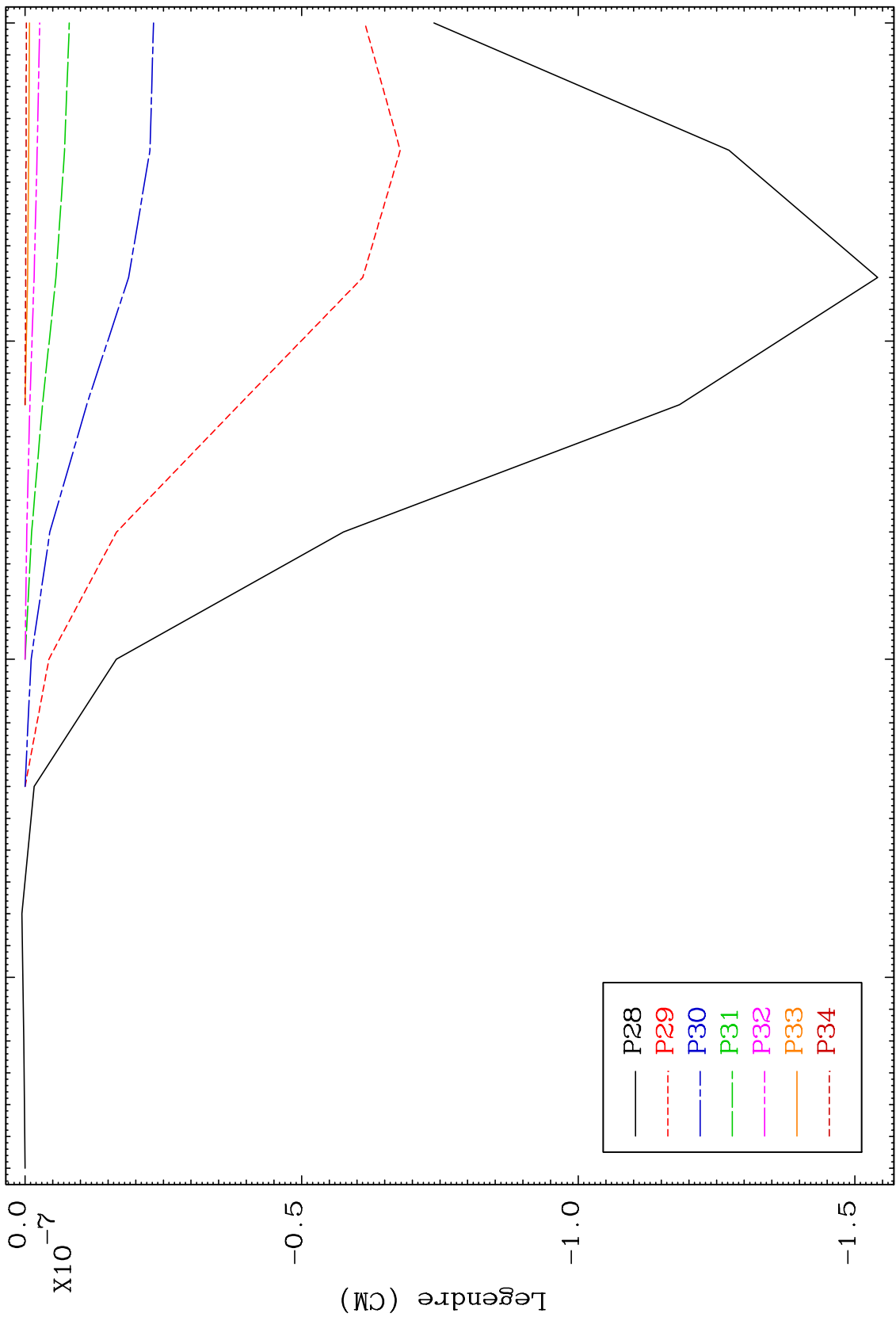
42-Mo-89



MAT 4216

42-Mo-89

Elastic Legendre Coefficients



16

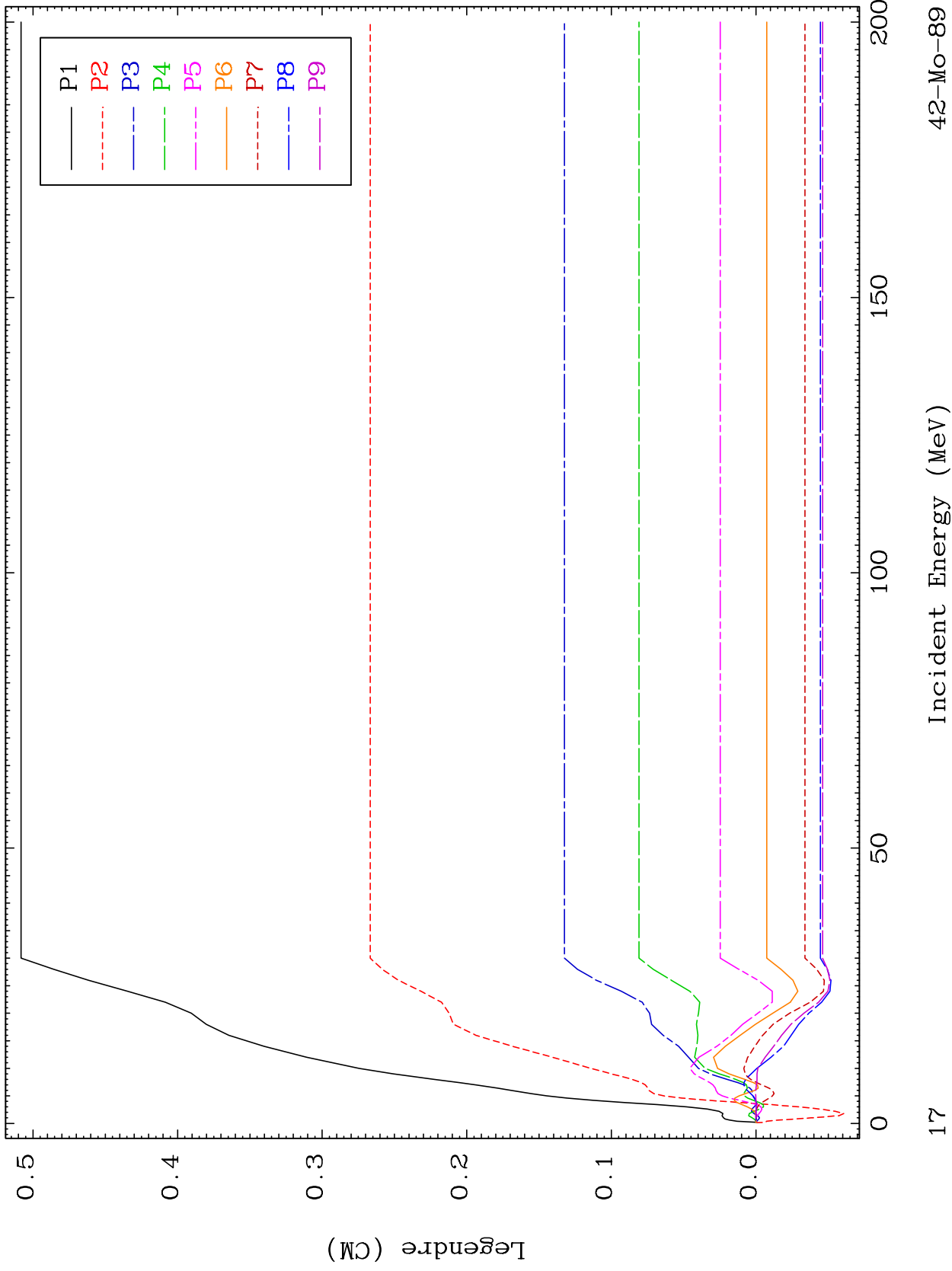
Incident Energy (MeV)

42-Mo-89

MAT 4216

118.8 keV (n,n') Level  
Legendre Coefficients

42-Mo-89



42-Mo-89

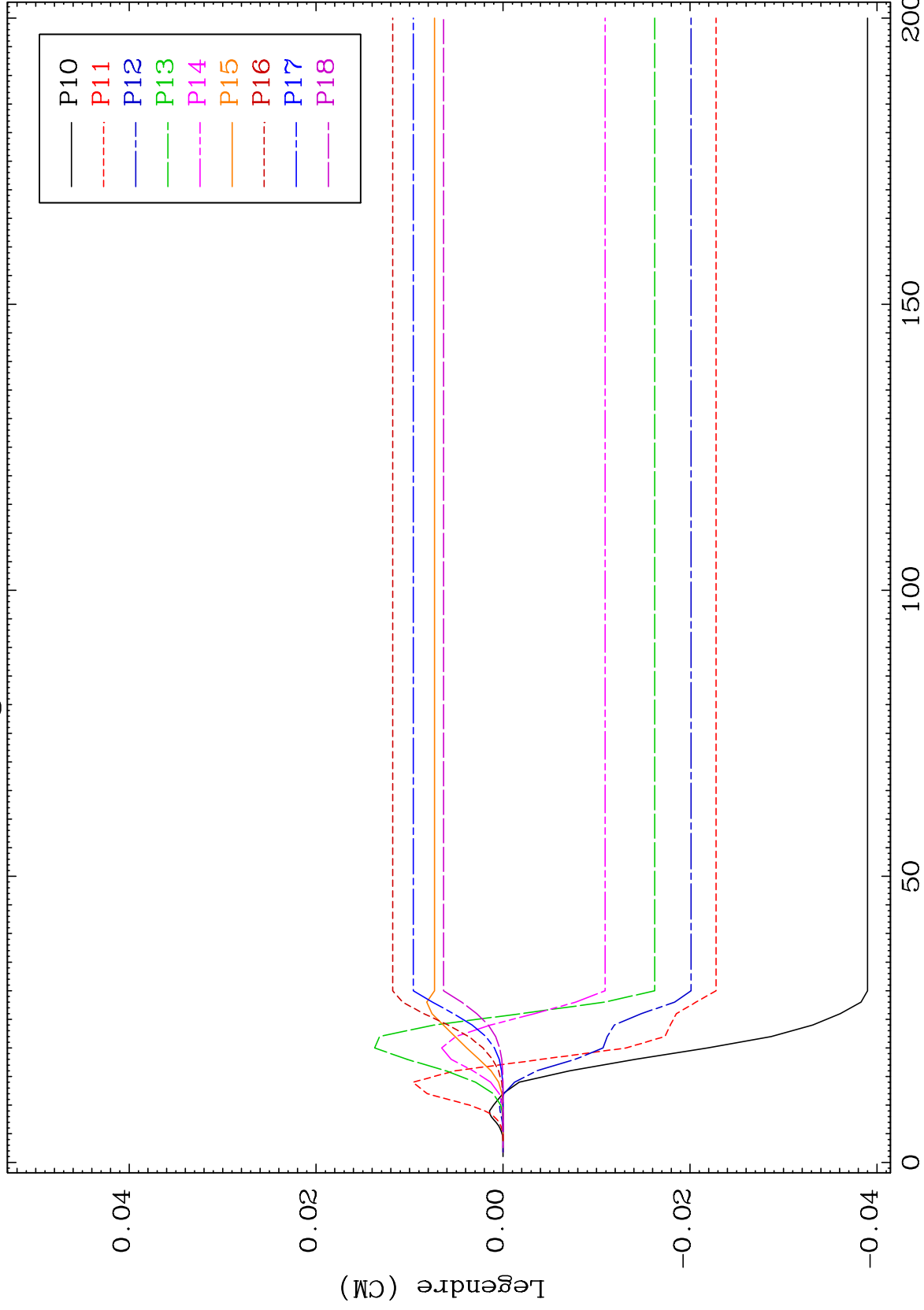
Incident Energy (MeV)

17

MAT 4216

118.8 keV (n,n') Level  
Legendre Coefficients

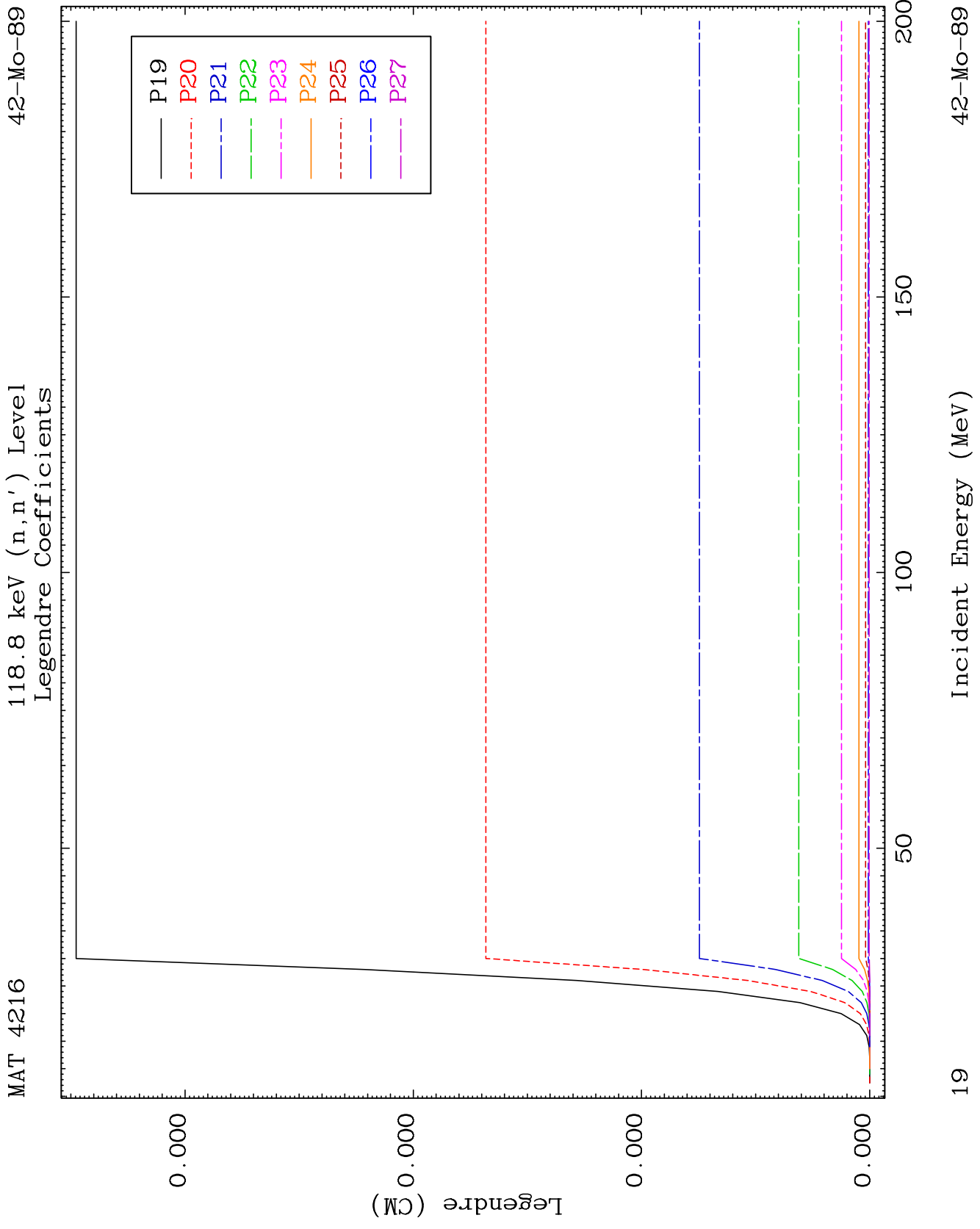
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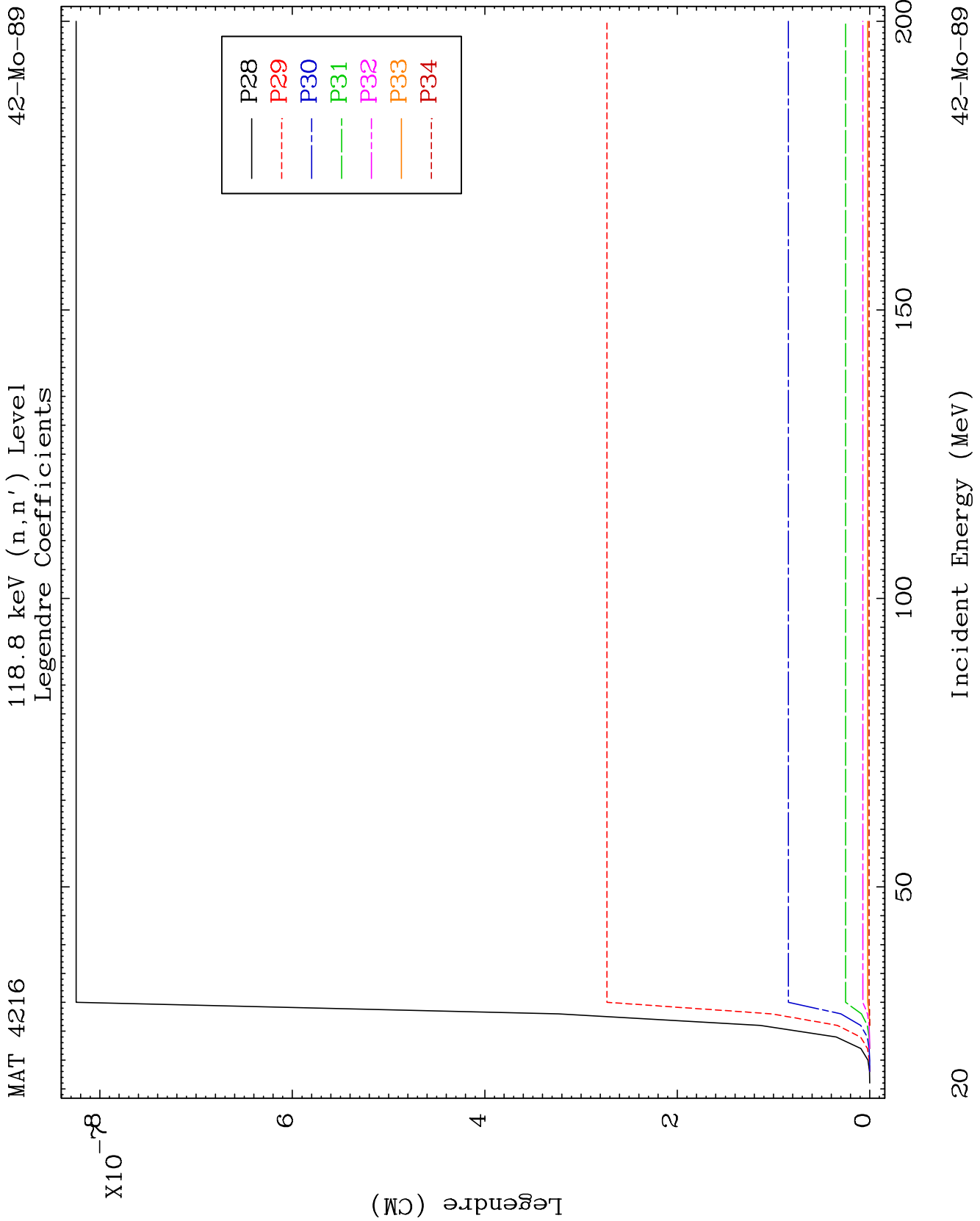


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Incident Energy (MeV)

42-Mo-89

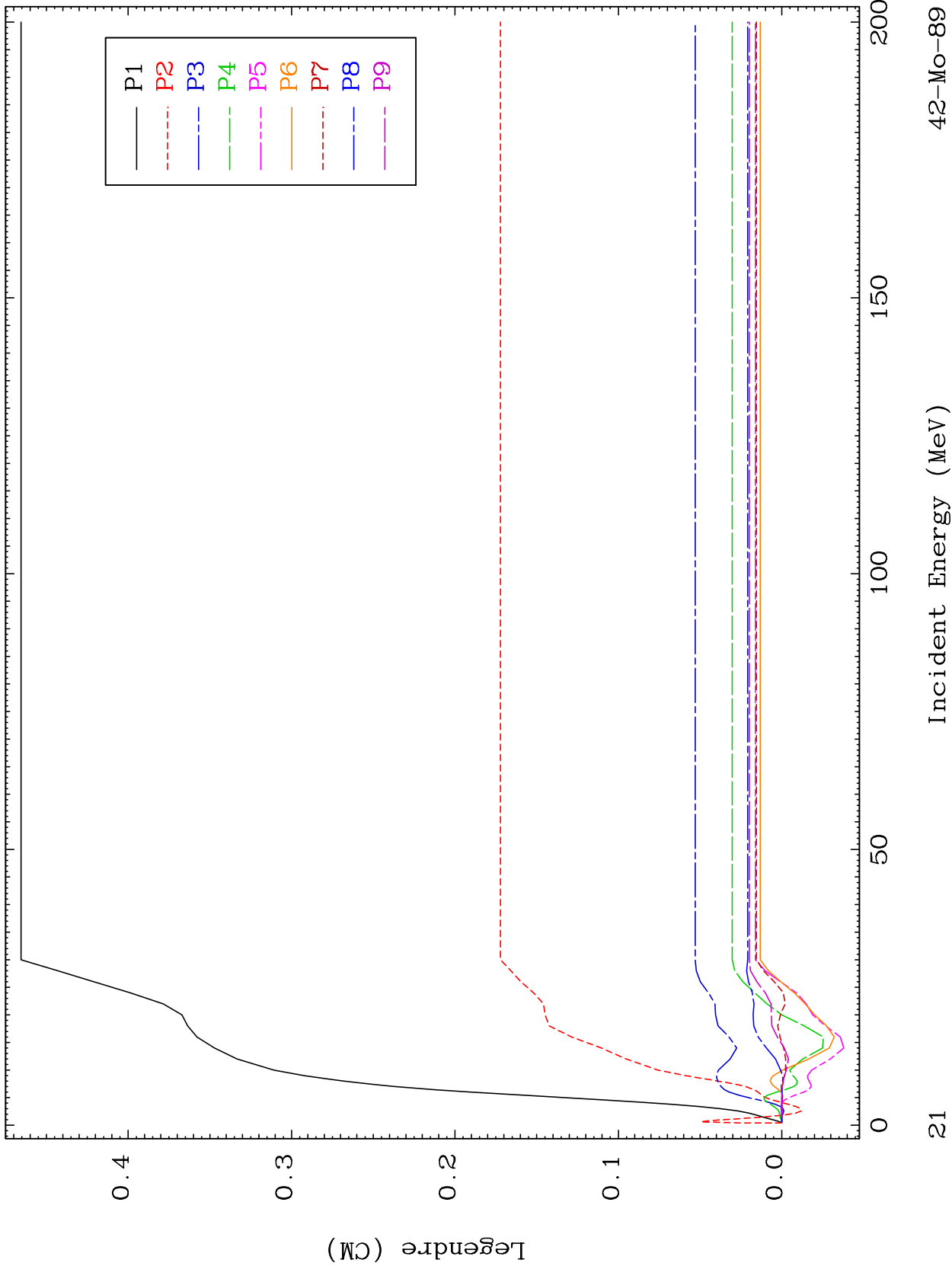




MAT 4216

387.5 keV (n,n') Level  
Legendre Coefficients

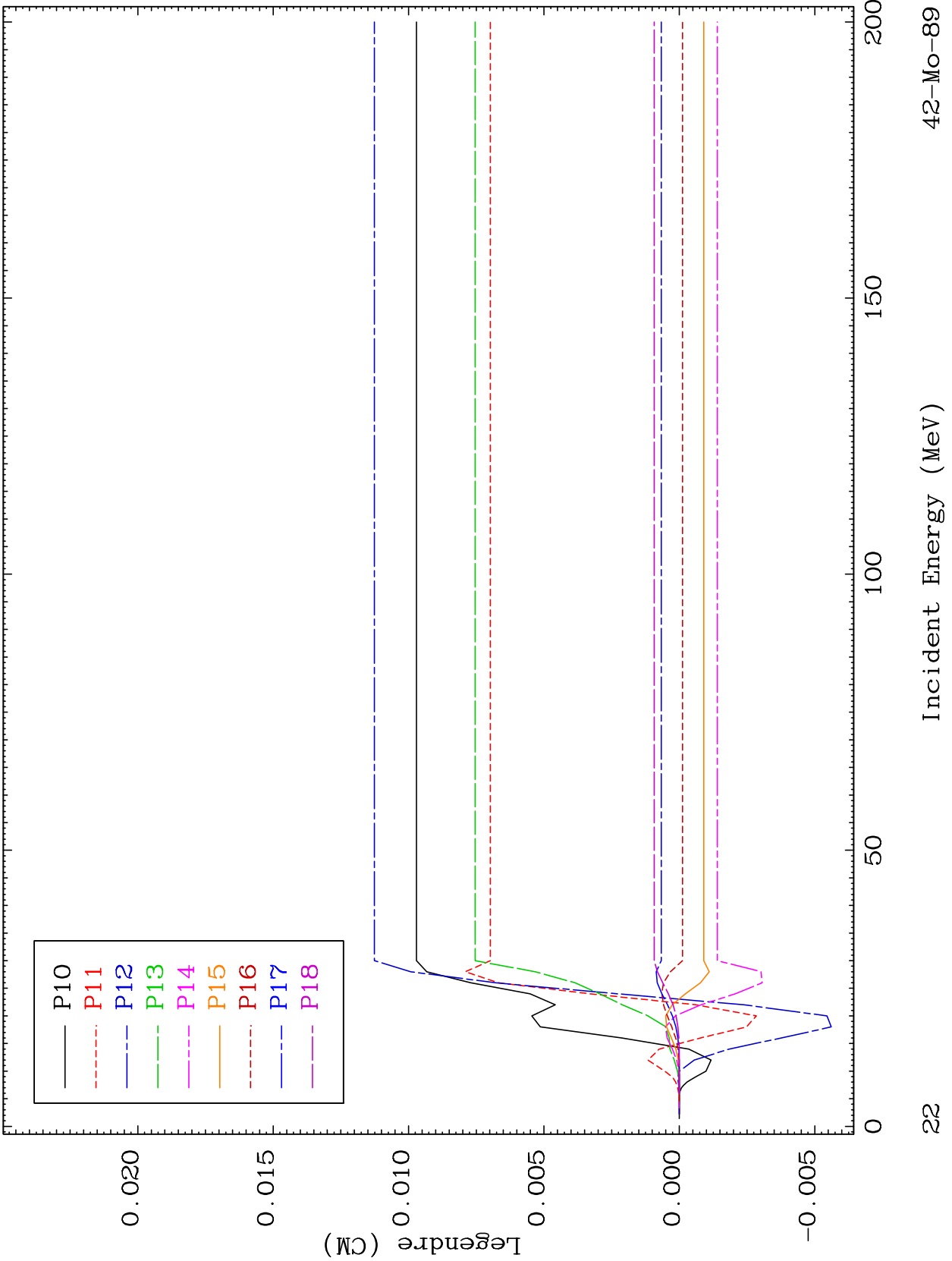
42-Mo-89

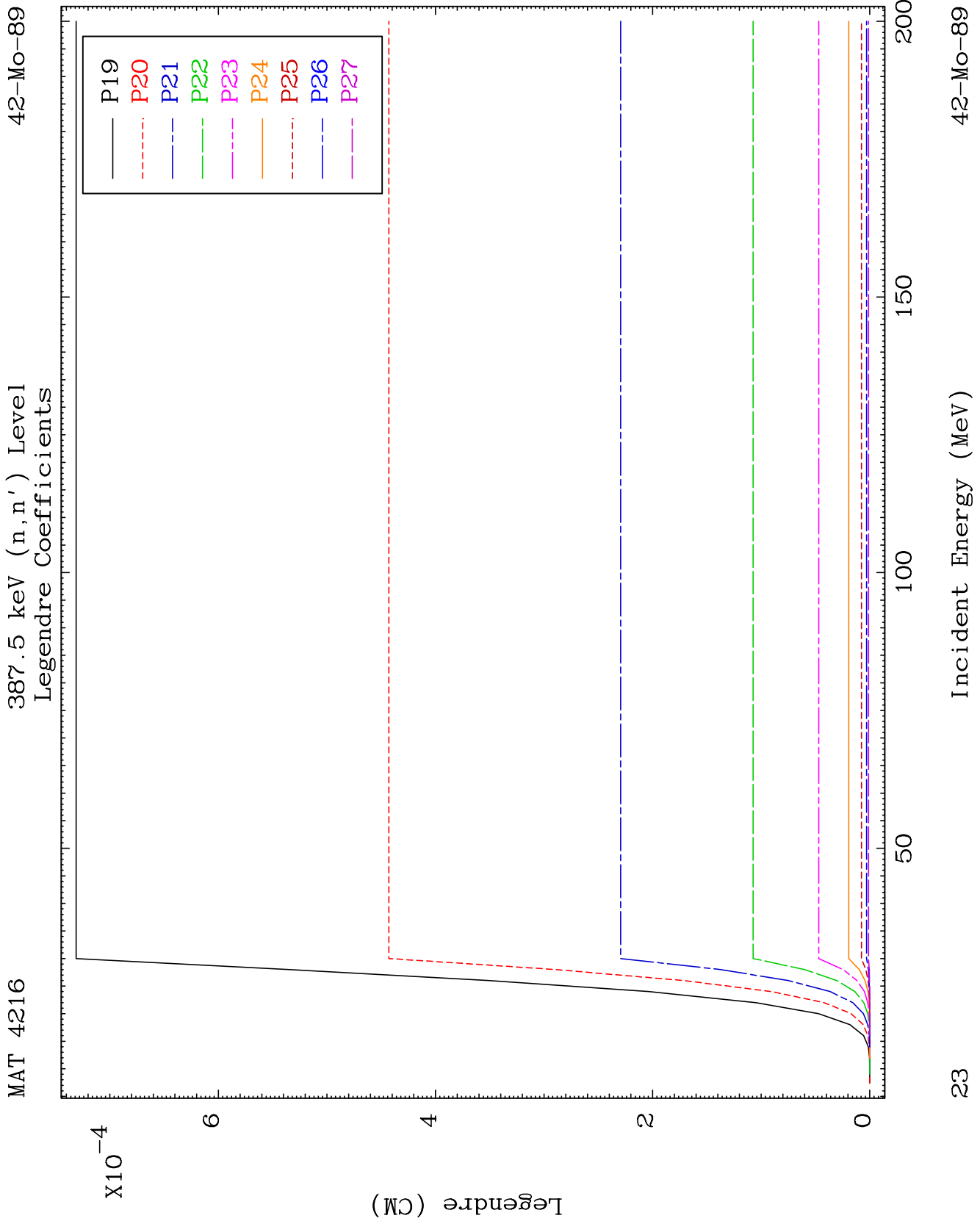


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Incident Energy (MeV)

42-Mo-89



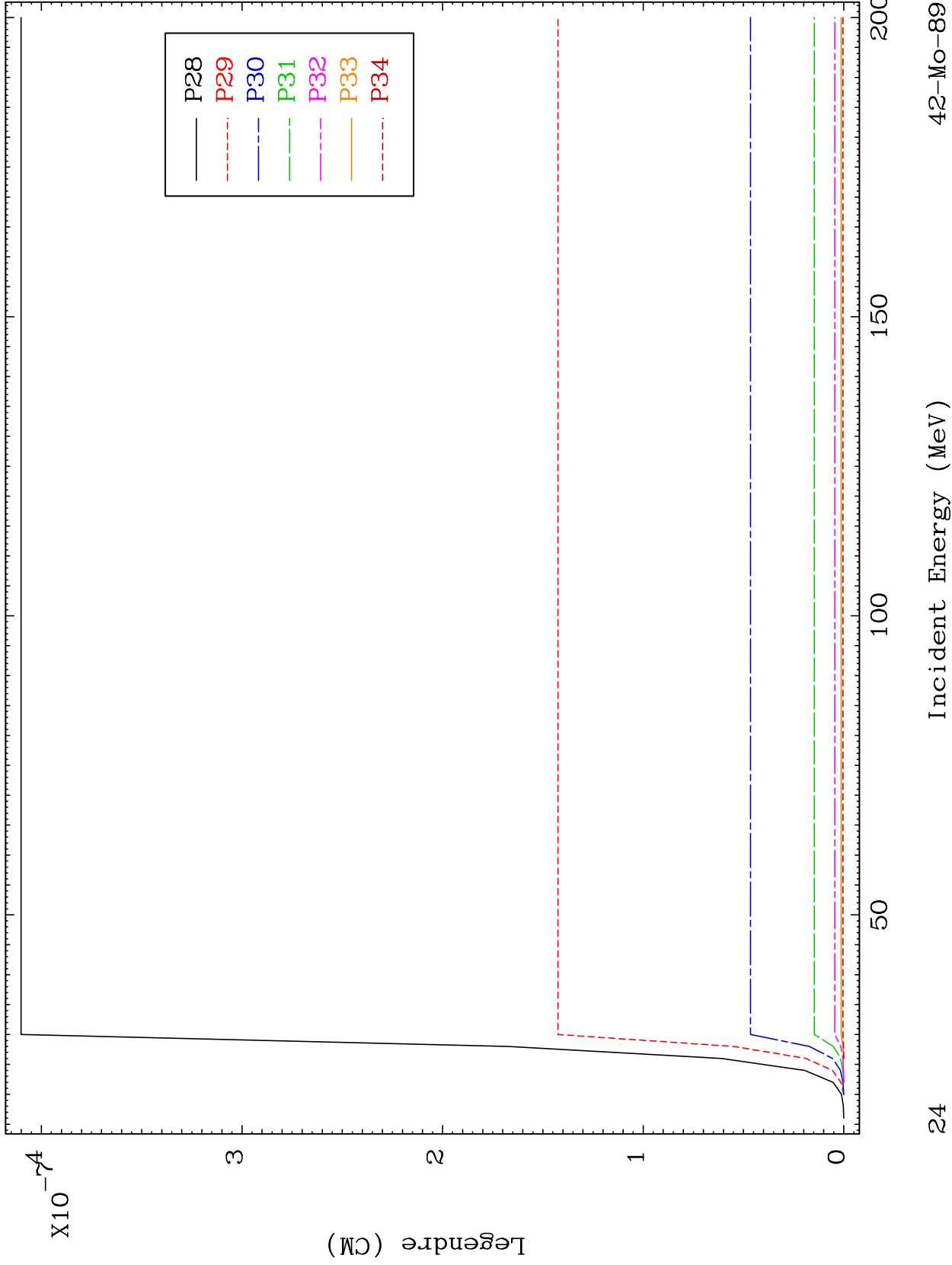


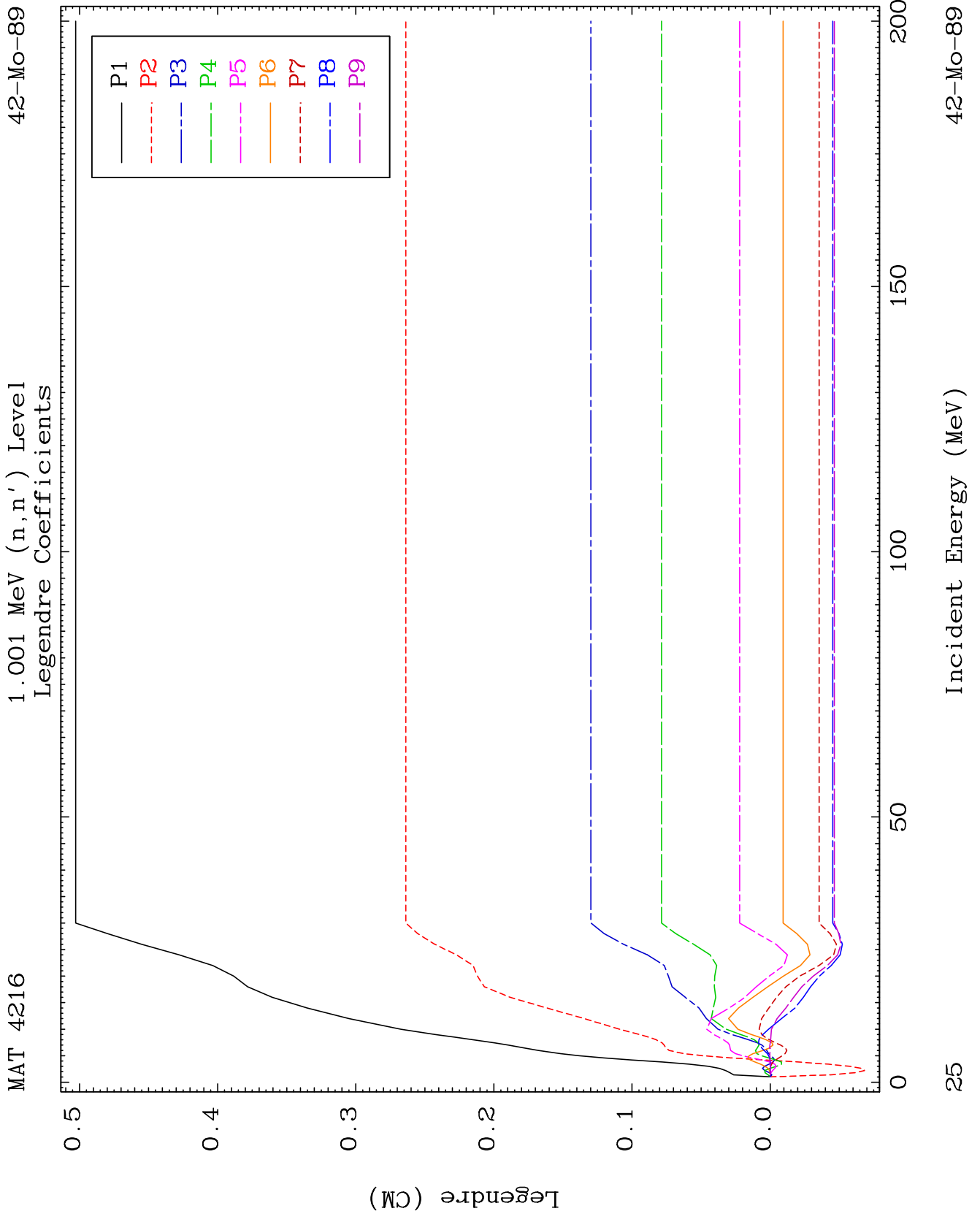


MAT 4216

387.5 keV (n,n') Level  
Legendre Coefficients

42-Mo-89

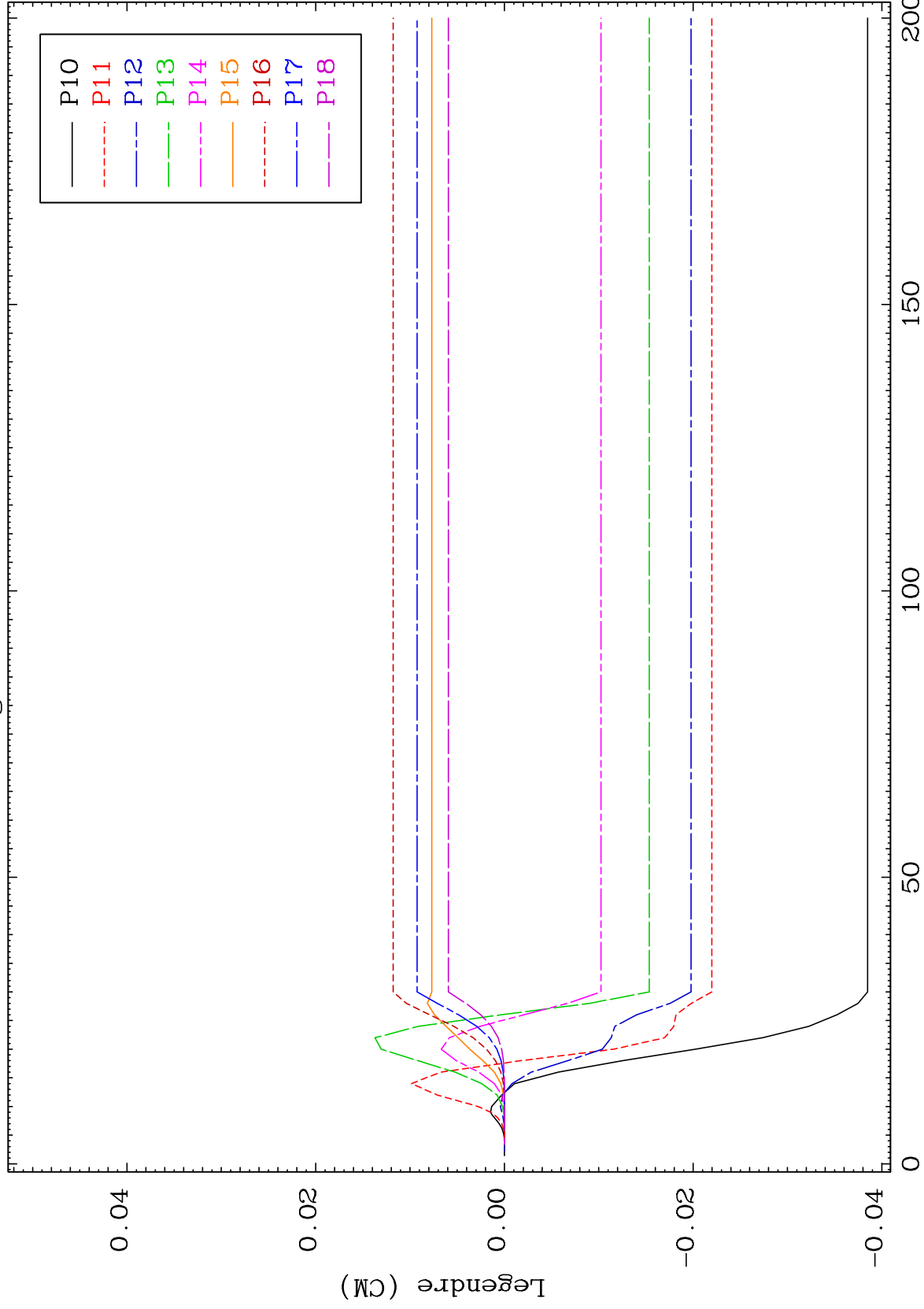




MAT 4216

1.001 MeV (n,n') Level  
Legendre Coefficients

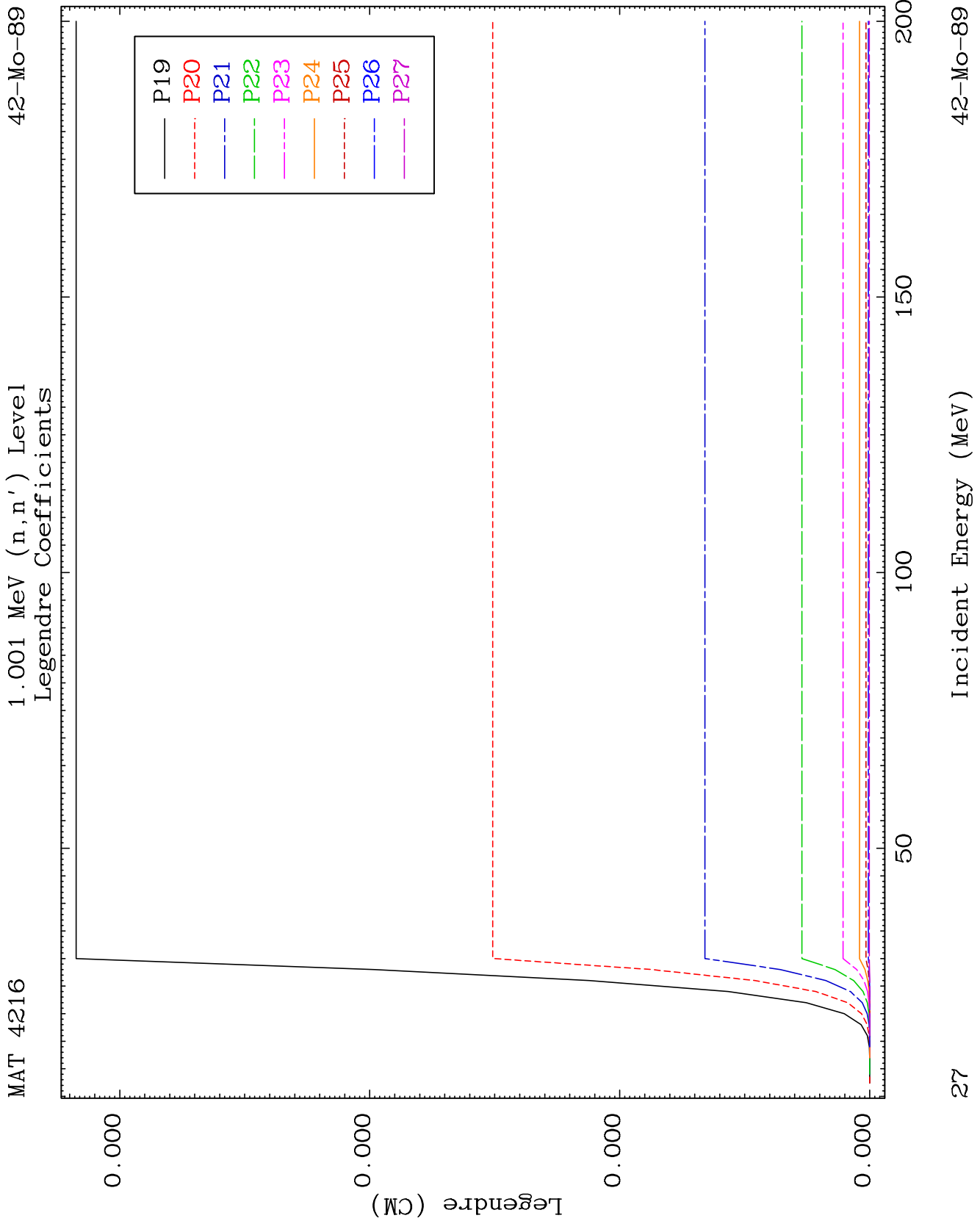
42-Mo-89

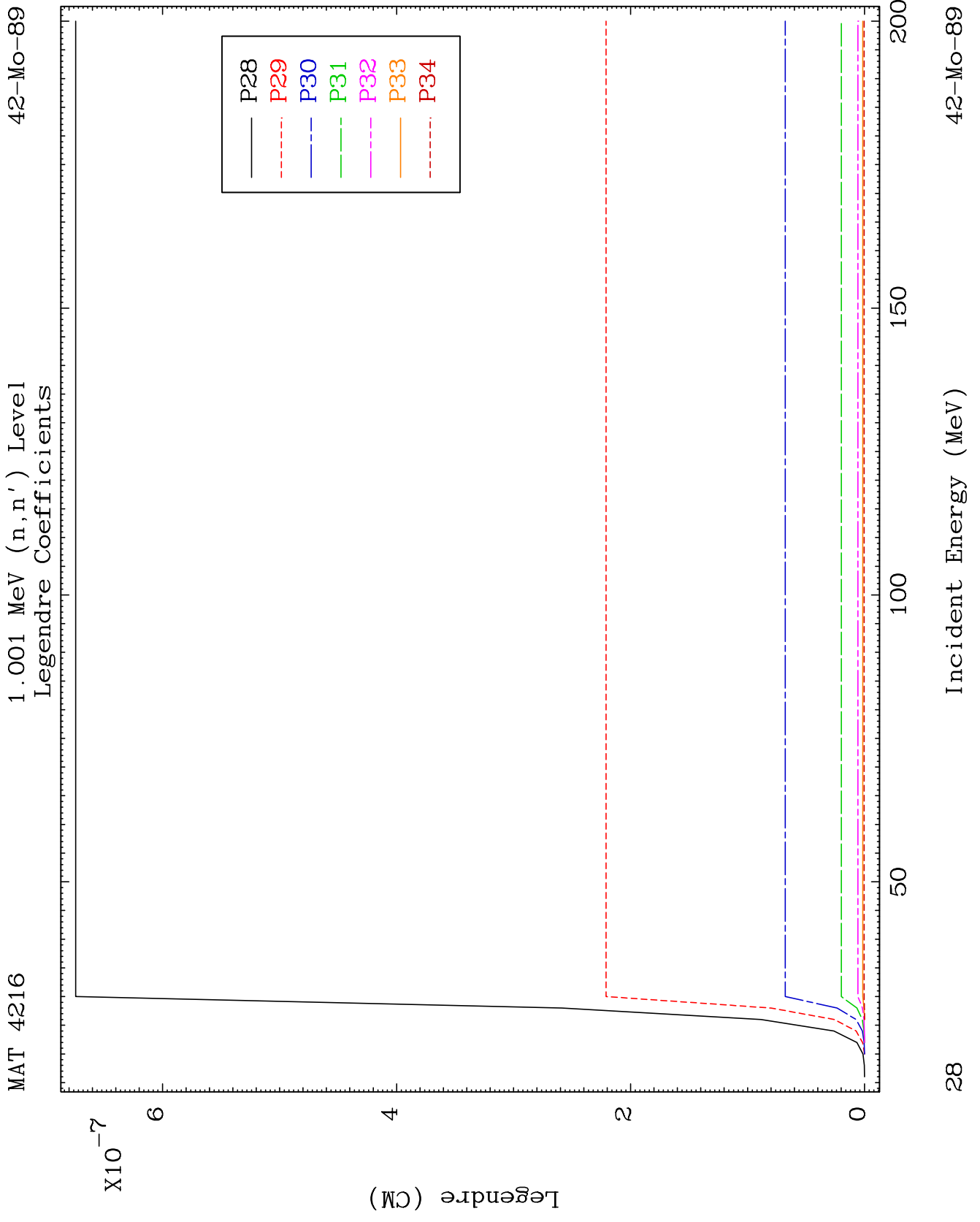


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Incident Energy (MeV)

42-Mo-89





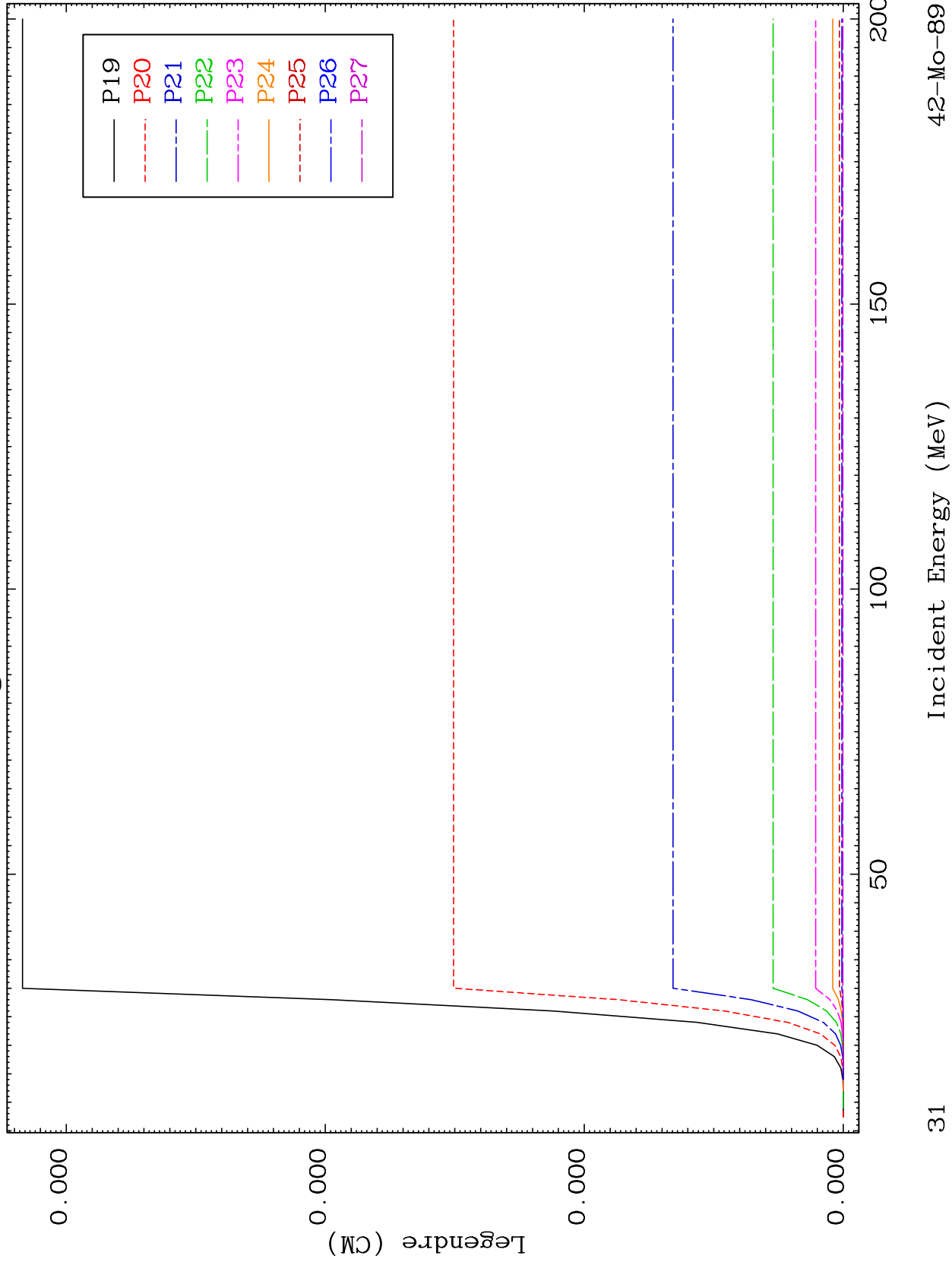




MAT 4216

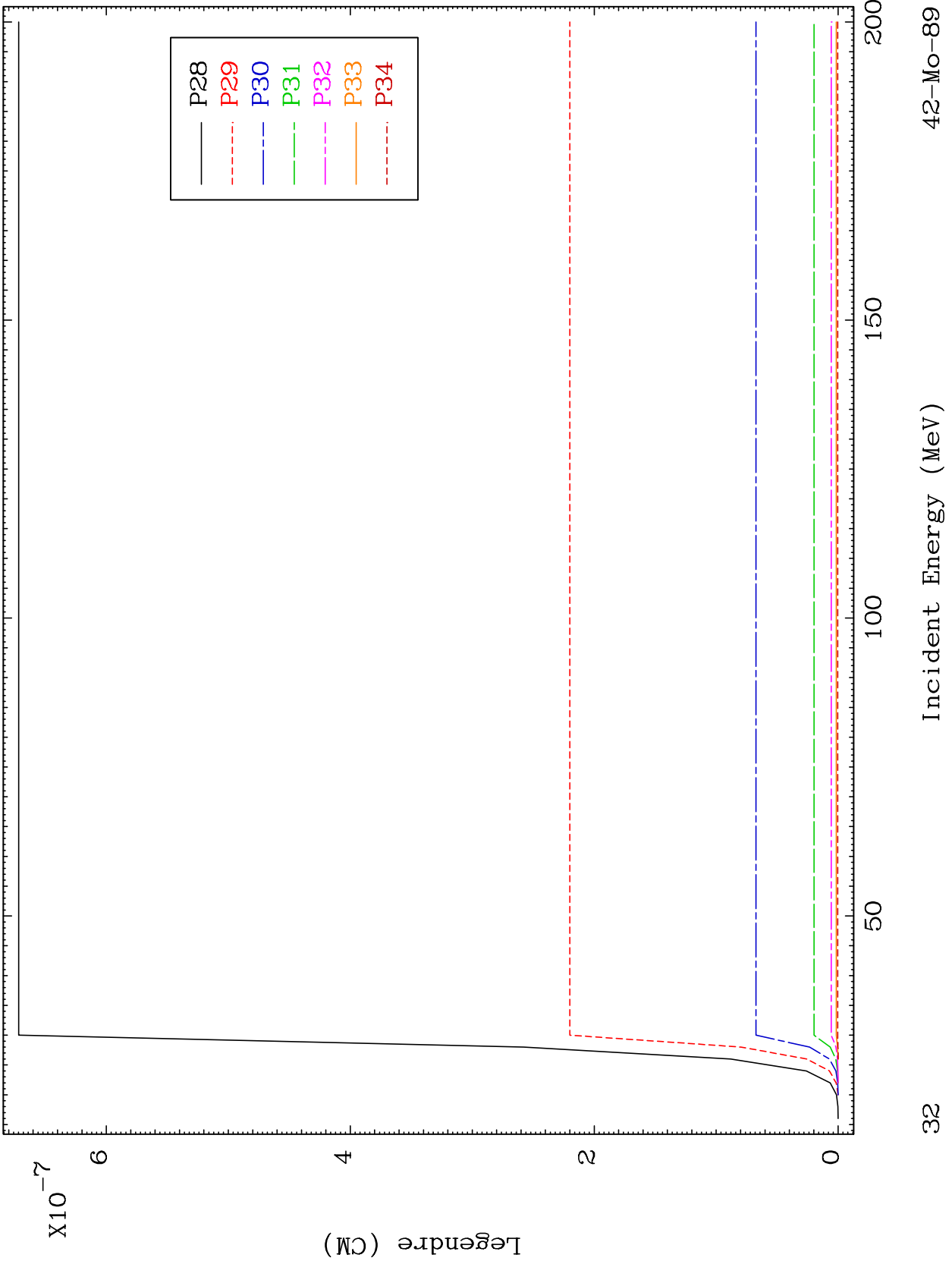
1.016 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



31

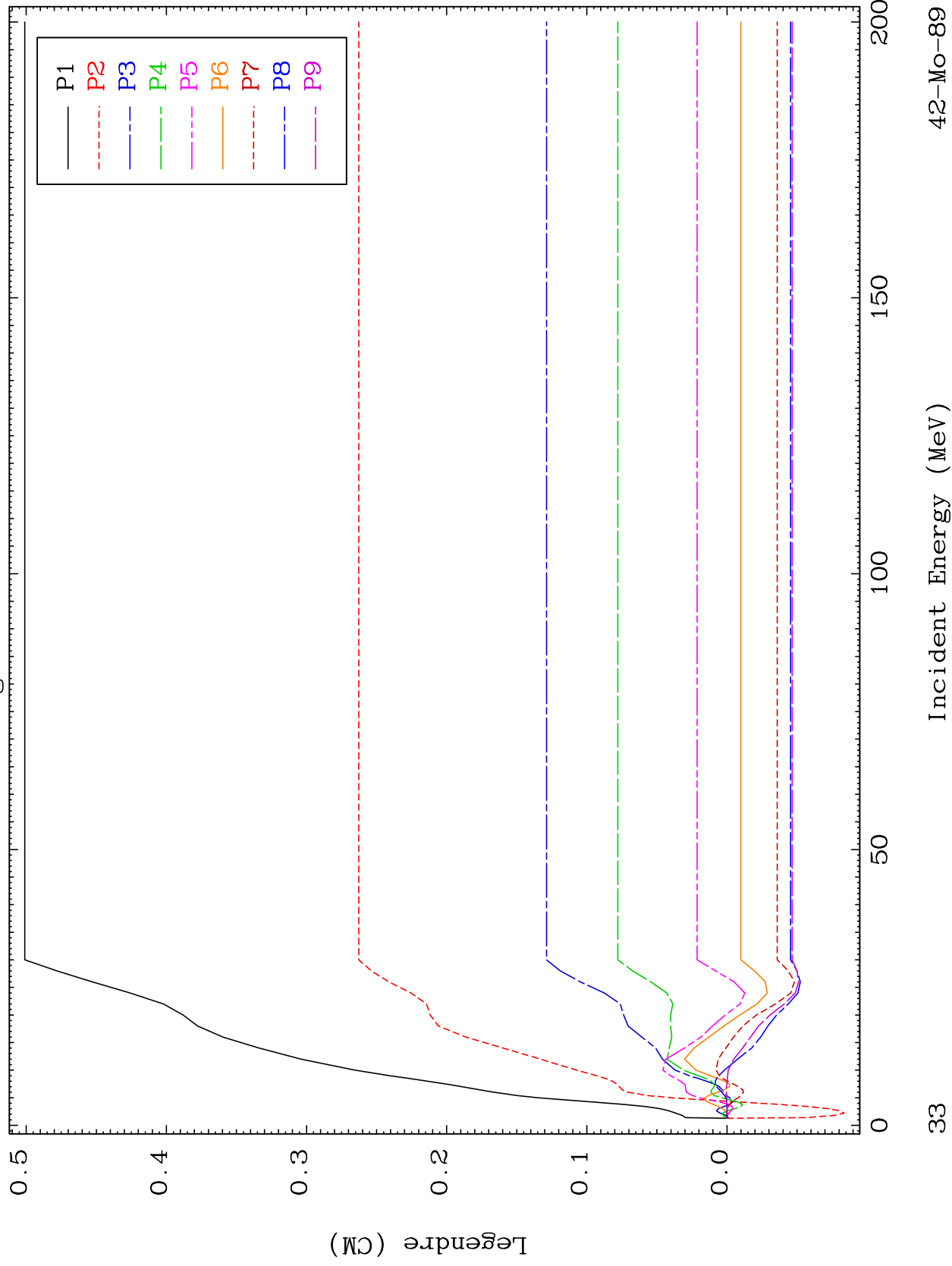




MAT 4216

1.253 MeV (n,n') Level  
Legendre Coefficients

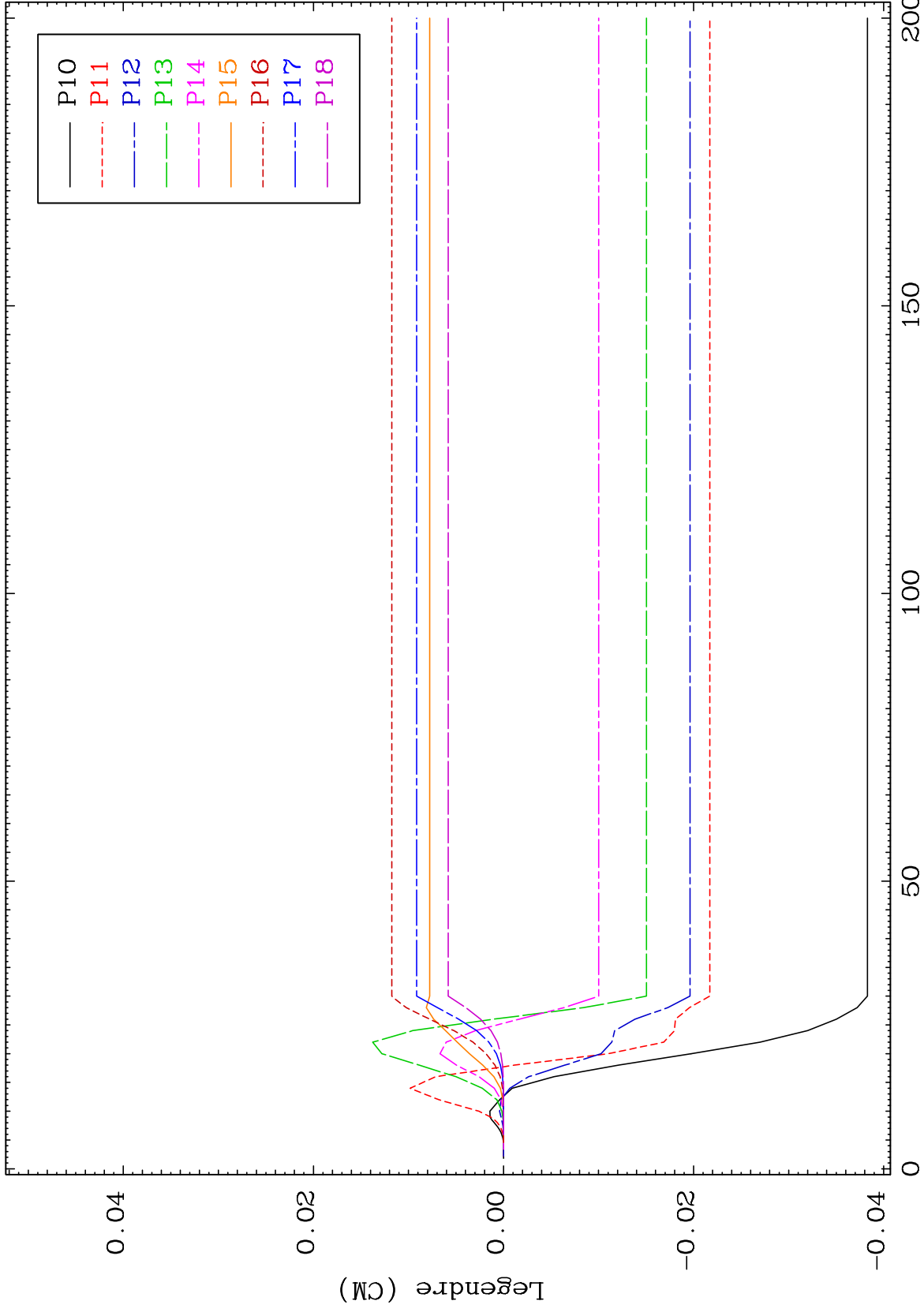
42-Mo-89



MAT 4216

1.253 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



34

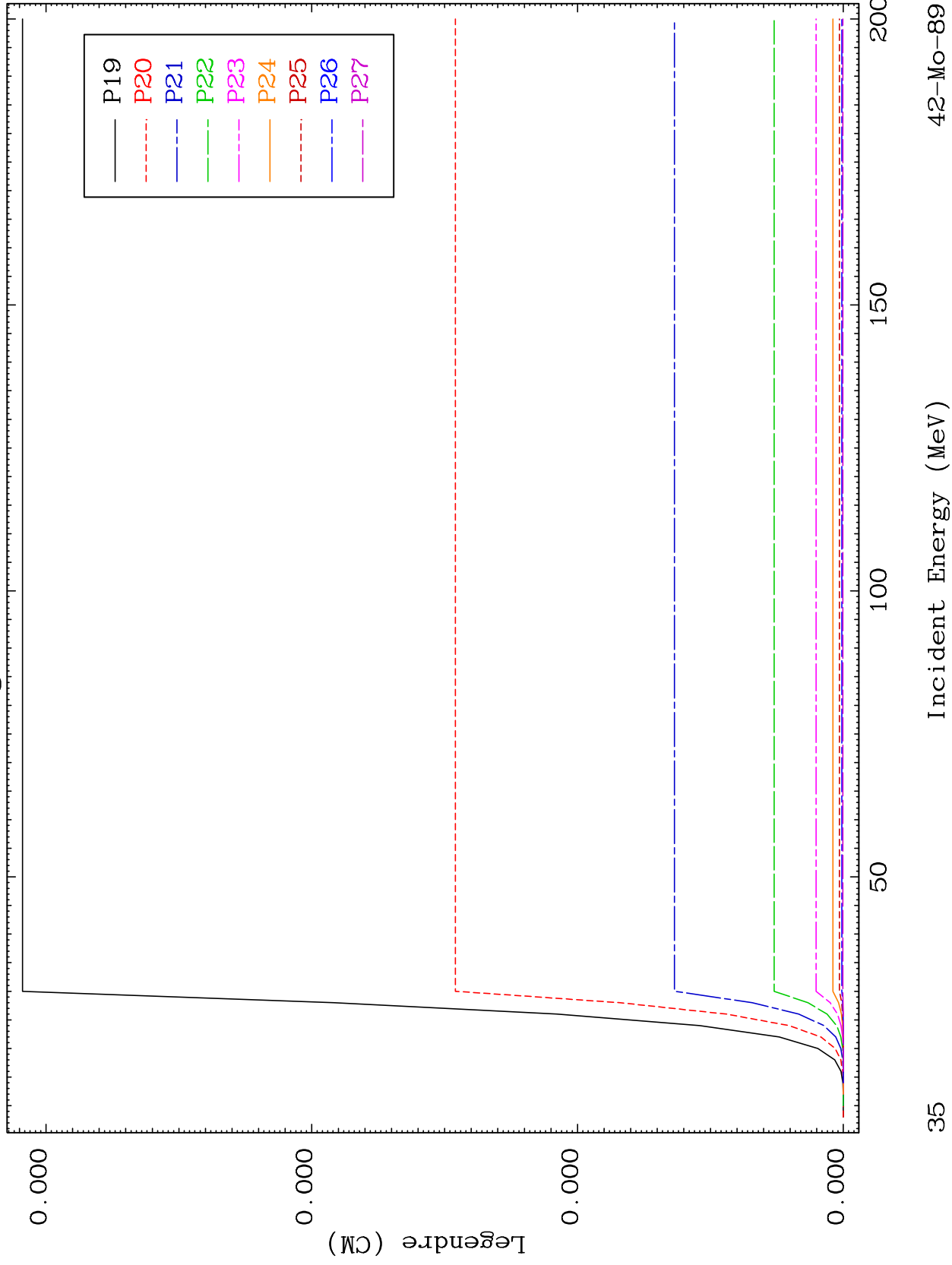
Incident Energy (MeV)

42-Mo-89

MAT 4216

1.253 MeV (n, n') Level  
Legendre Coefficients

42-Mo-89

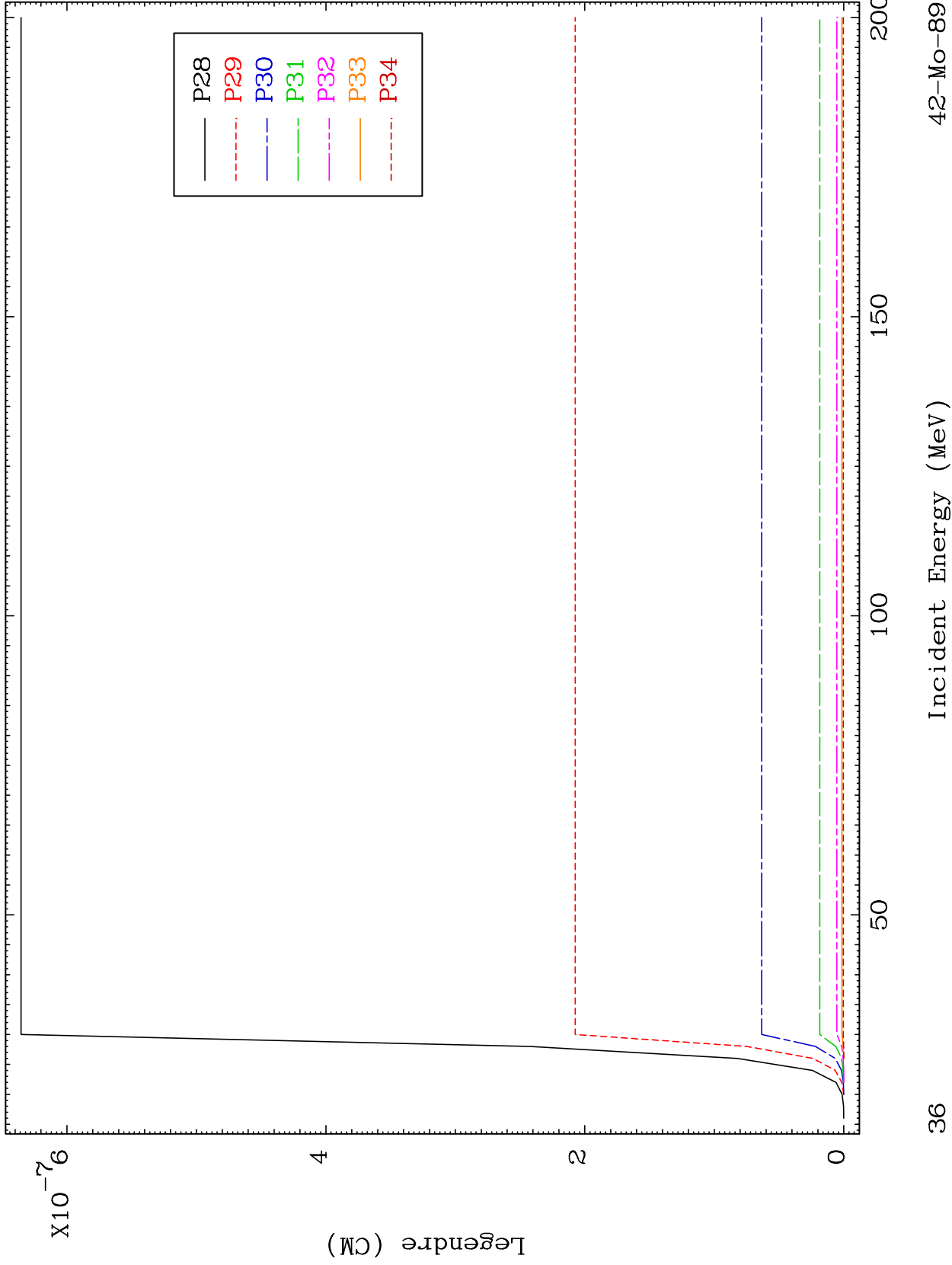


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MAT 4216

1.253 MeV (n, n') Level  
Legendre Coefficients

42-Mo-89



36

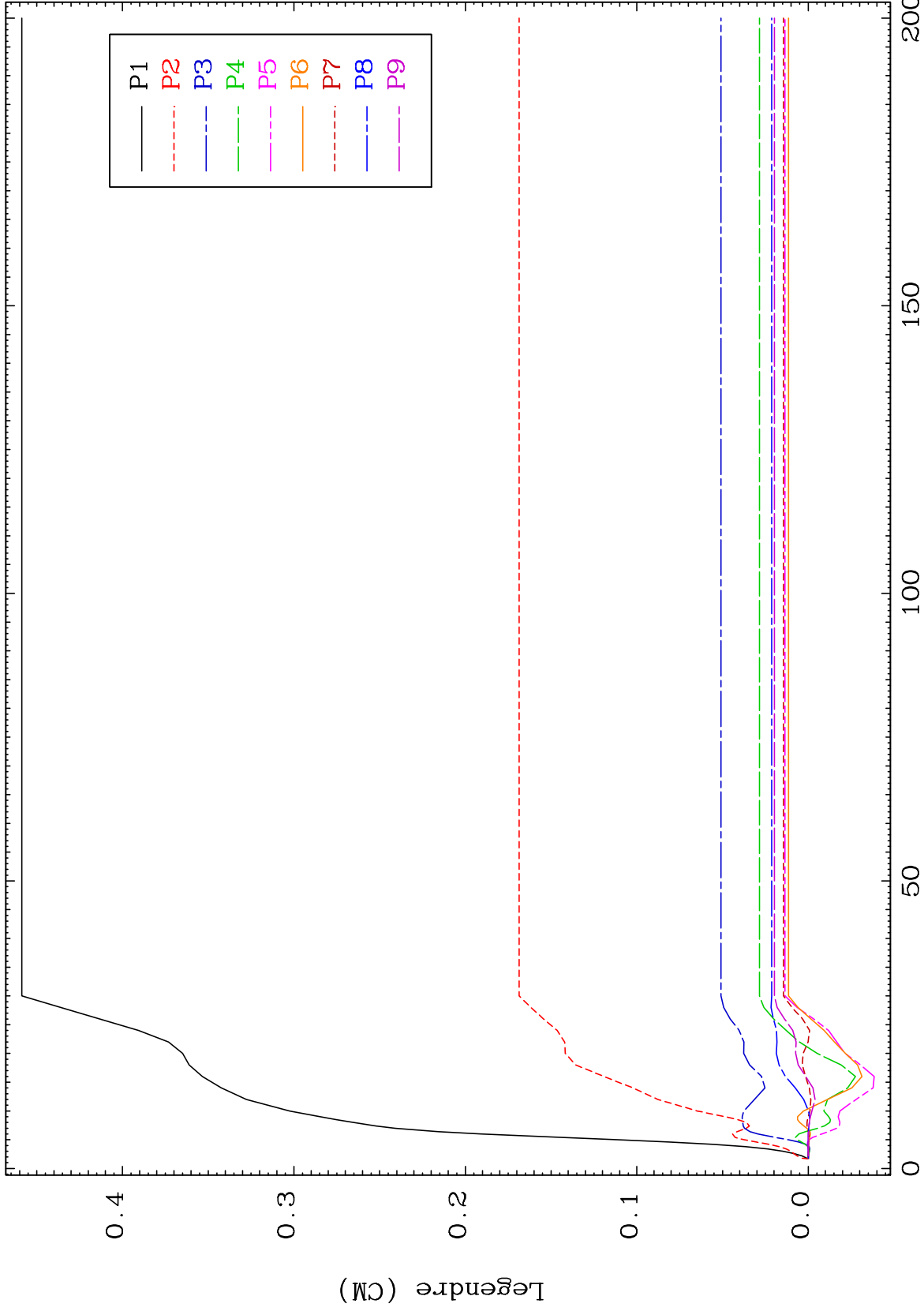
Incident Energy (MeV)

42-Mo-89

MAT 4216

1.646 MeV (n,n') Level  
Legendre Coefficients

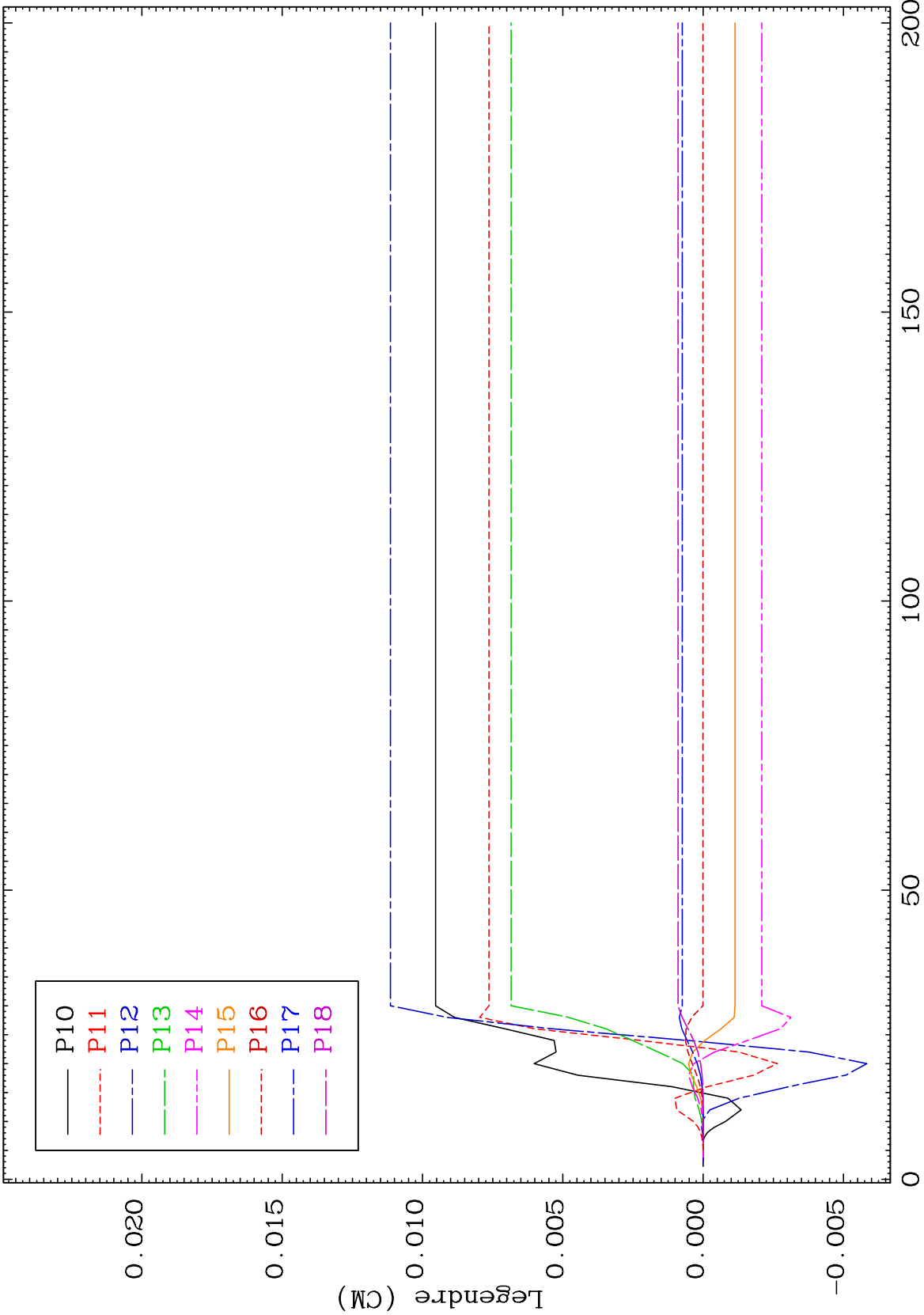
42-Mo-89



37

Incident Energy (MeV)

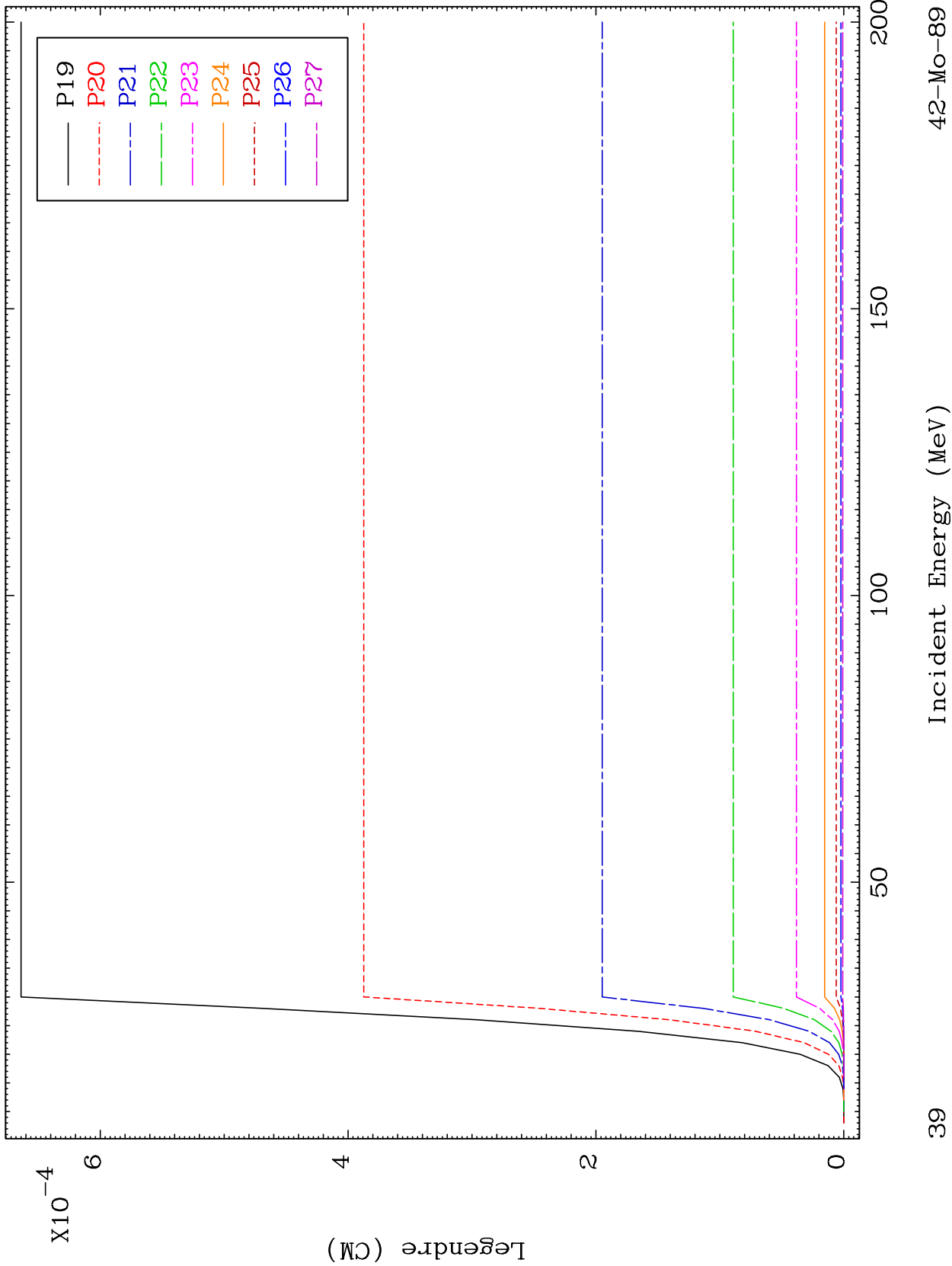
42-Mo-89



MAT 4216

1.646 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



39

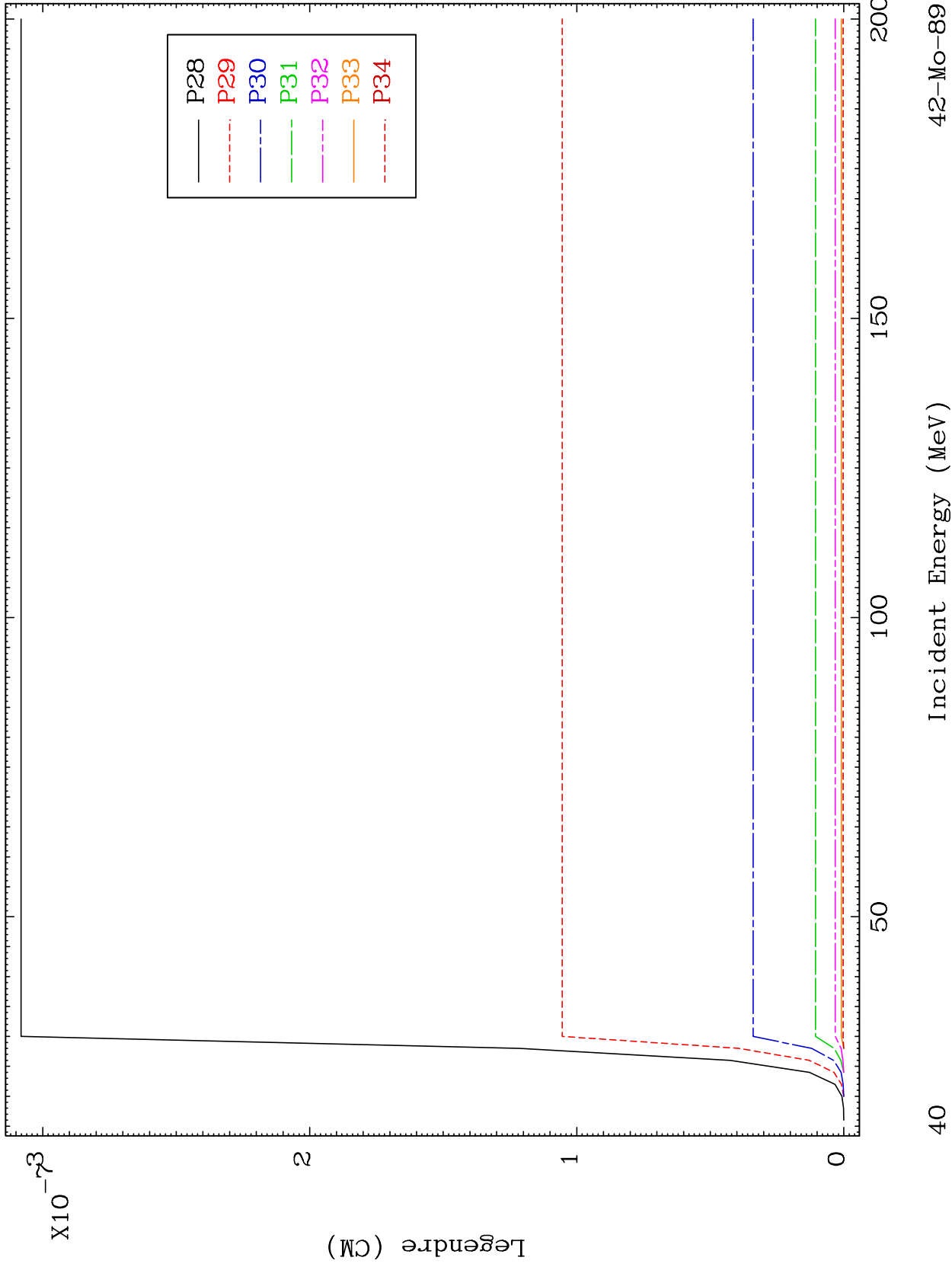
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MAT 4216

1.646 MeV (n, n') Level  
Legendre Coefficients

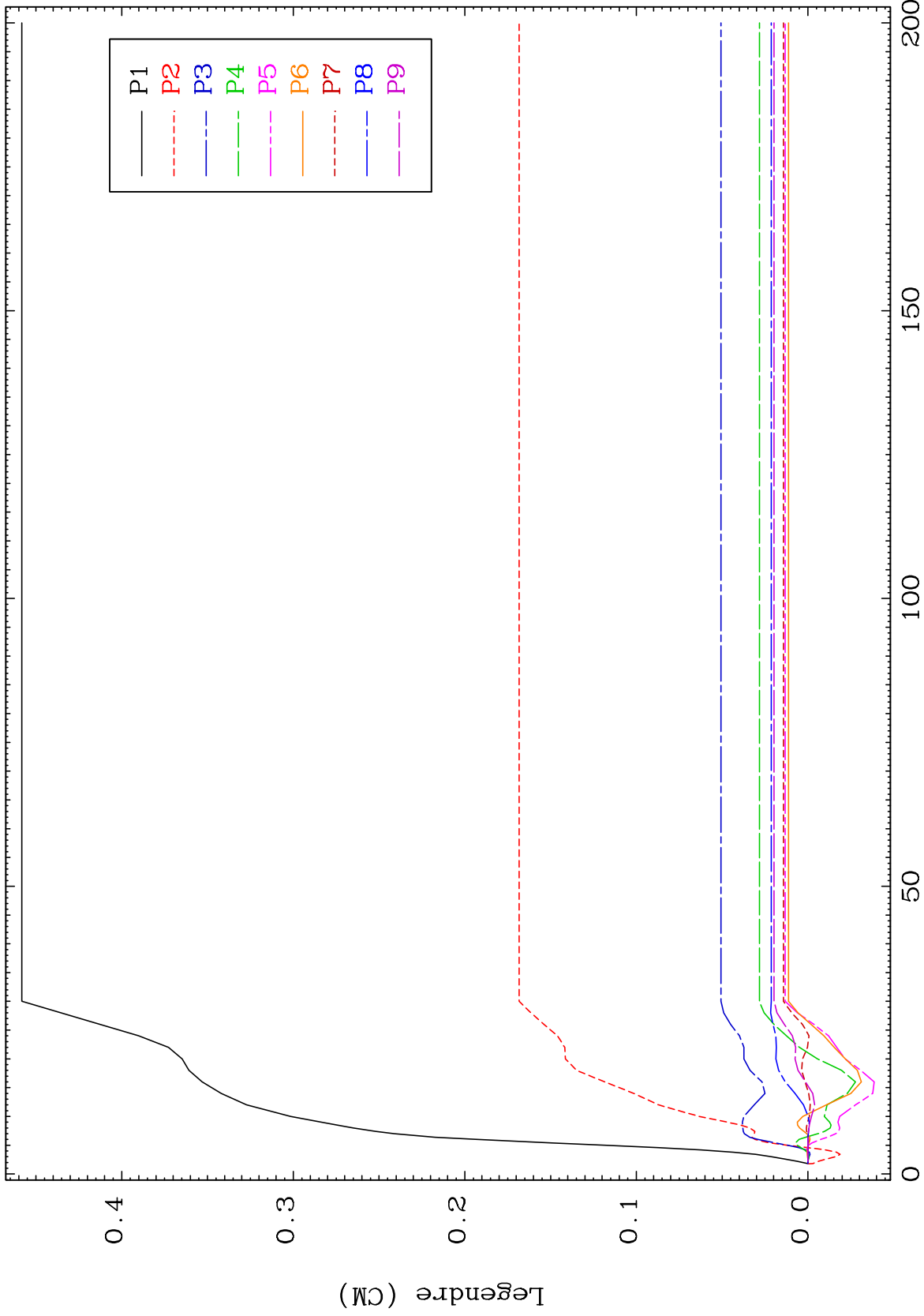
42-Mo-89



MAT 4216

1.740 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



41

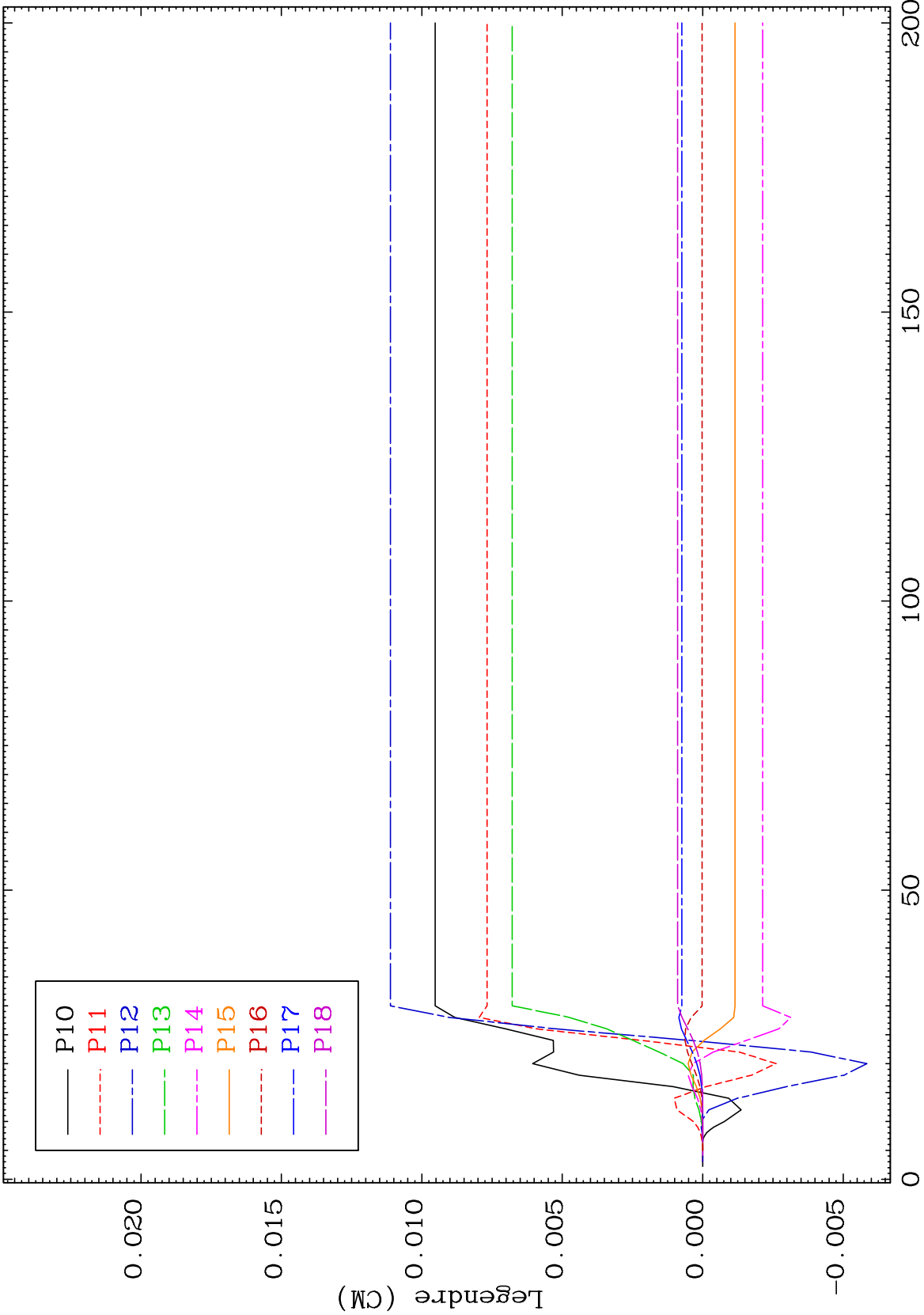
Incident Energy (MeV)

42-Mo-89

MAT 4216

1.740 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



42

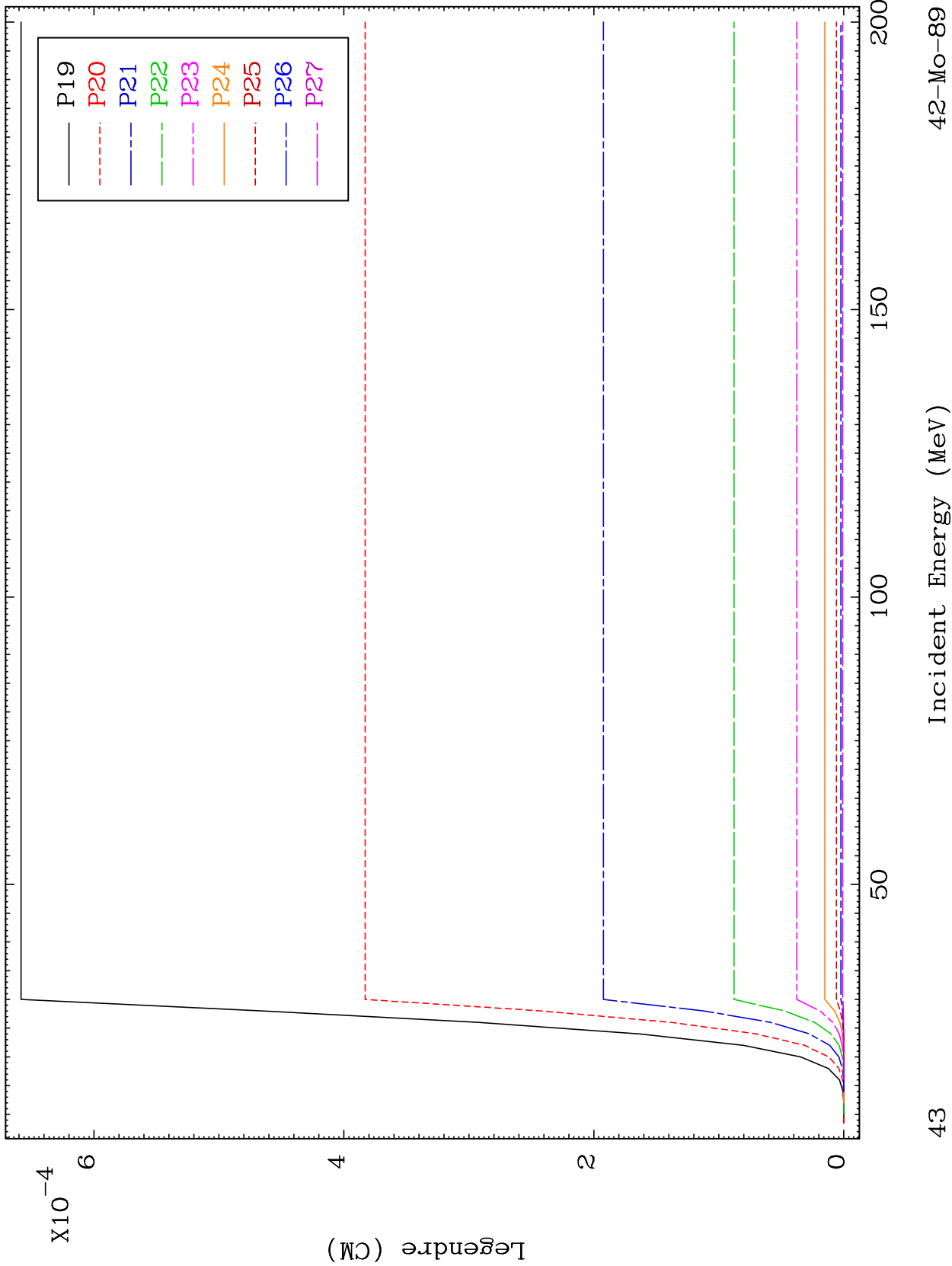
Incident Energy (MeV)

42-Mo-89

MAT 4216

1.740 MeV (n, n') Level  
Legendre Coefficients

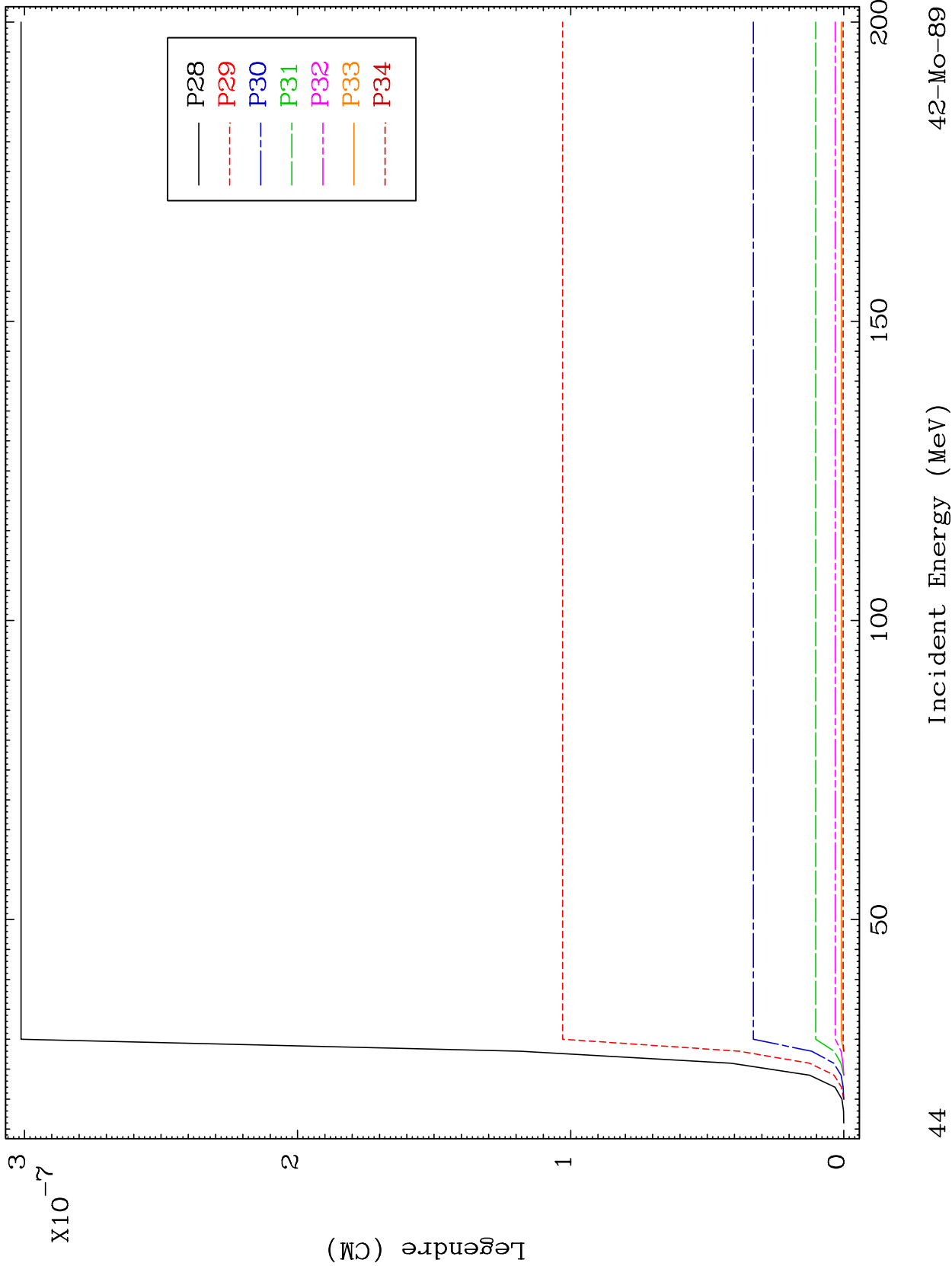
42-Mo-89



MAT 4216

1.740 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



44

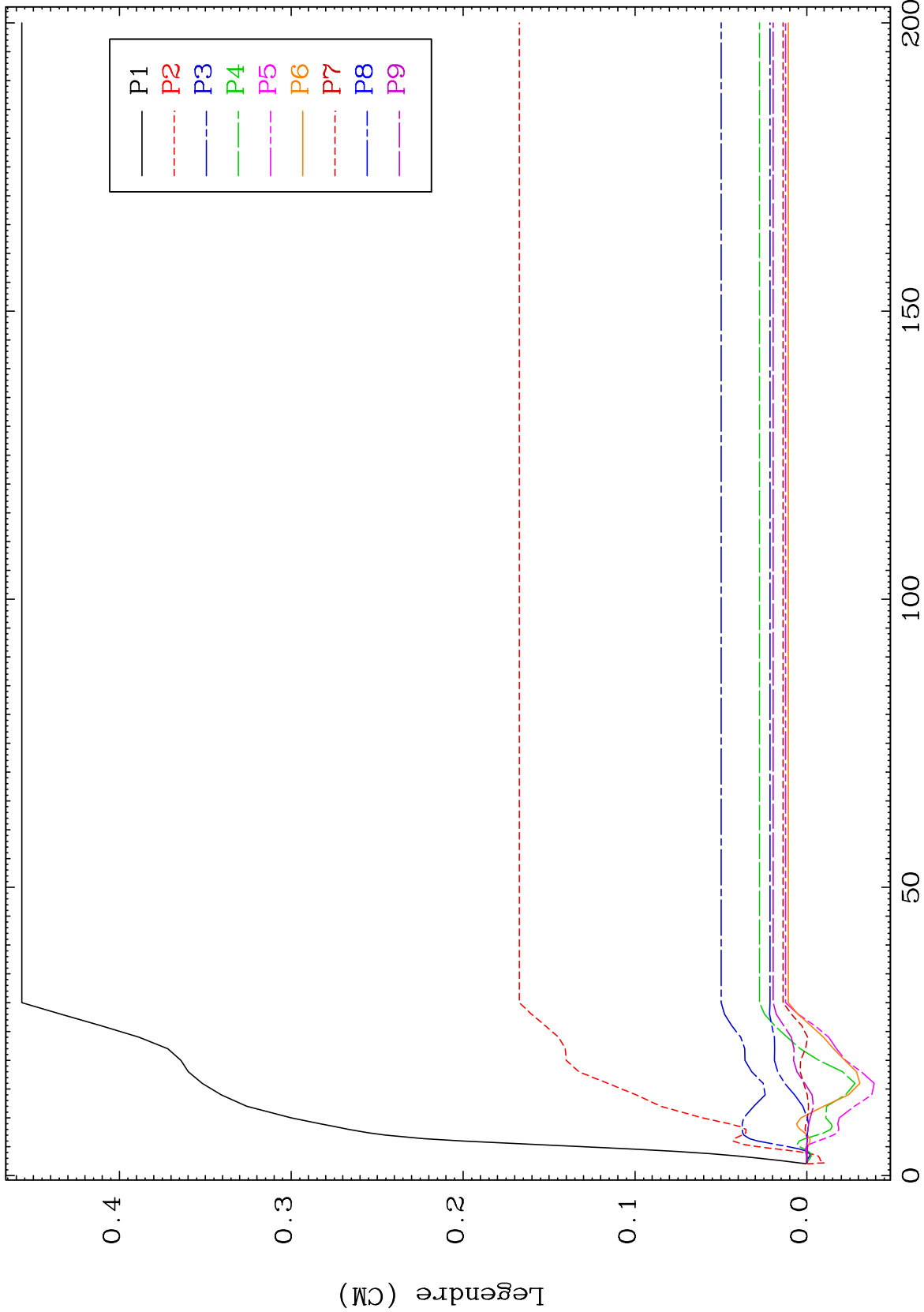
Incident Energy (MeV)

42-Mo-89

MAT 4216

2.008 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



42-Mo-89

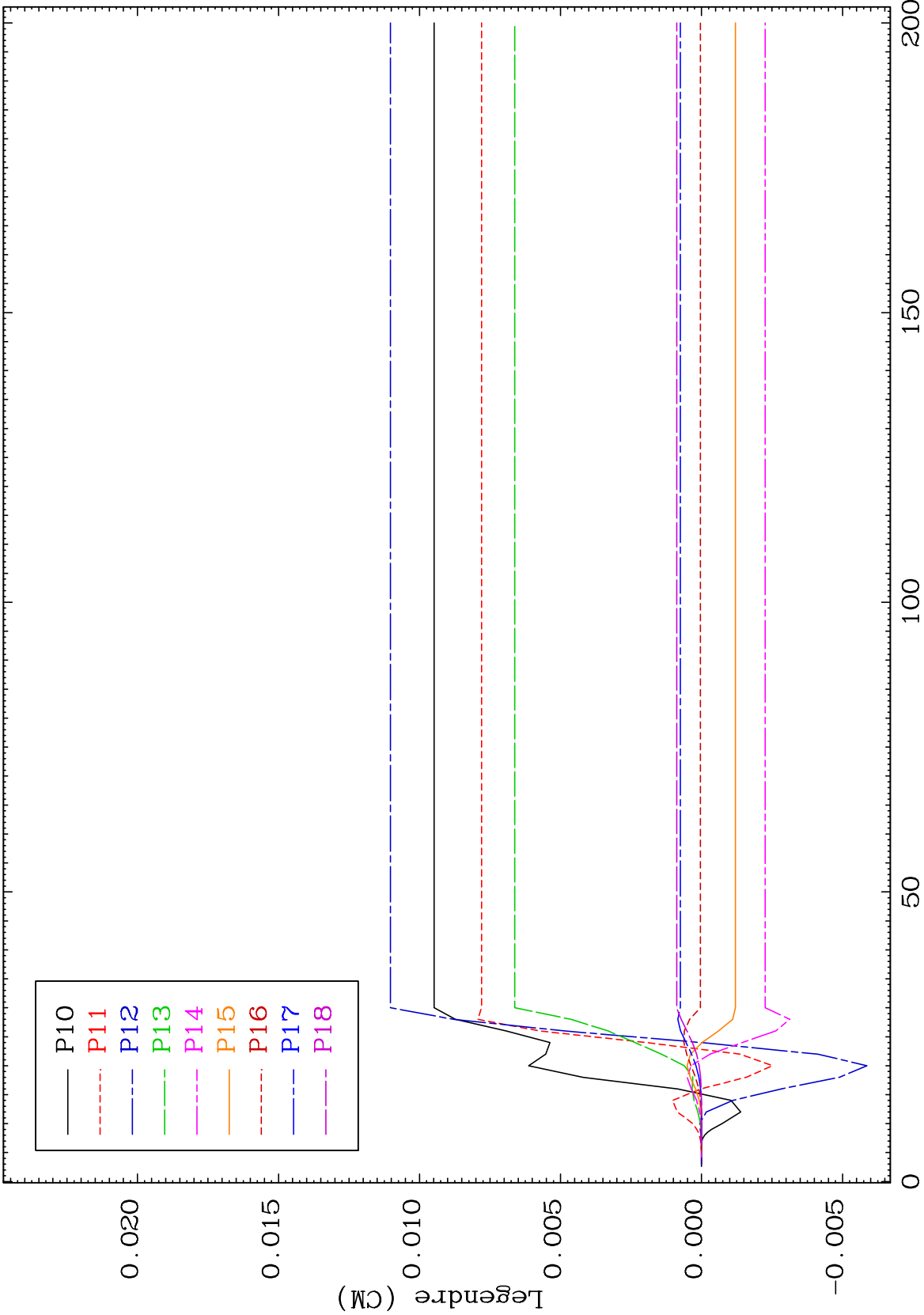
Incident Energy (MeV)

45

MAT 4216

2.008 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



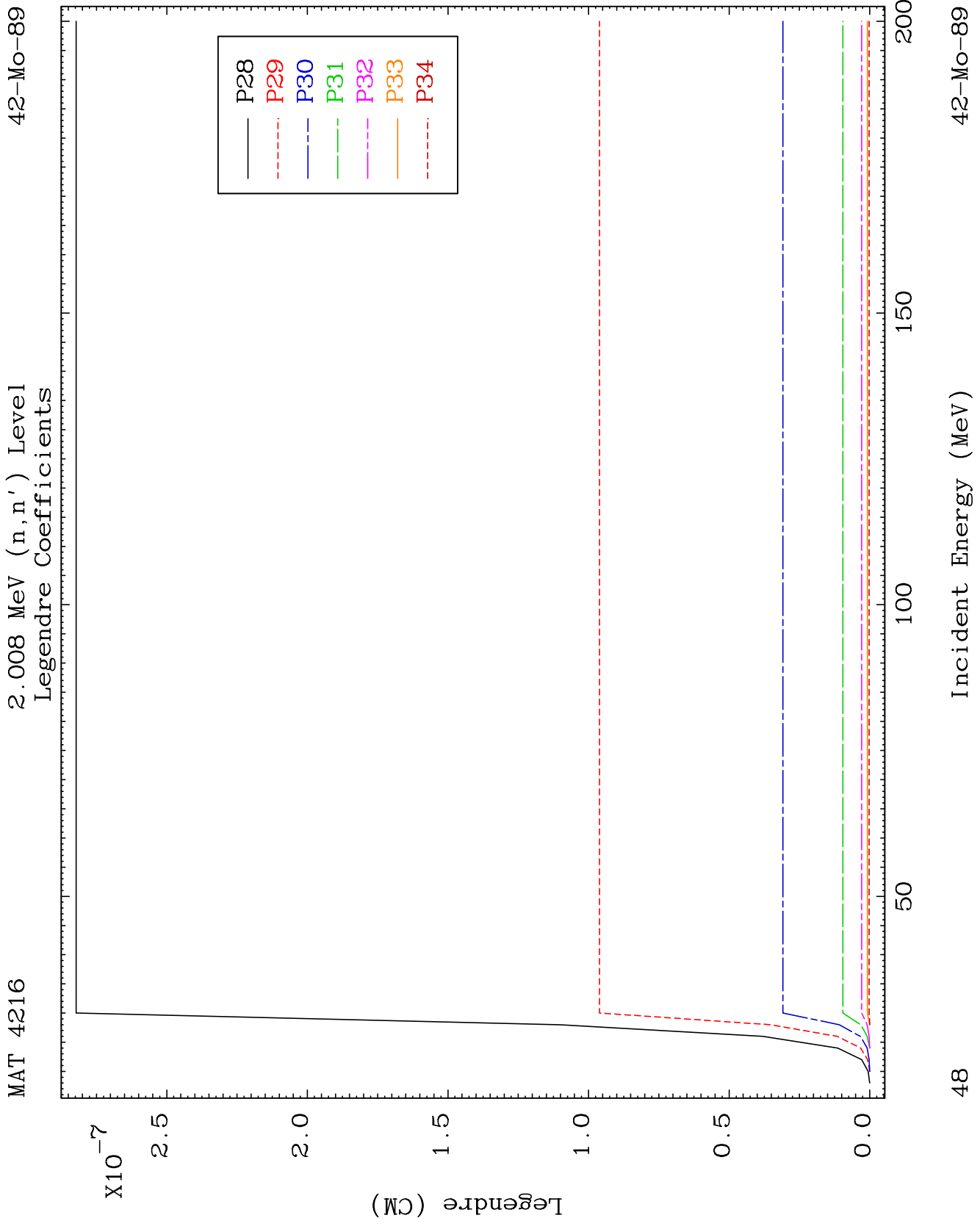
46

Incident Energy (MeV)

42-Mo-89



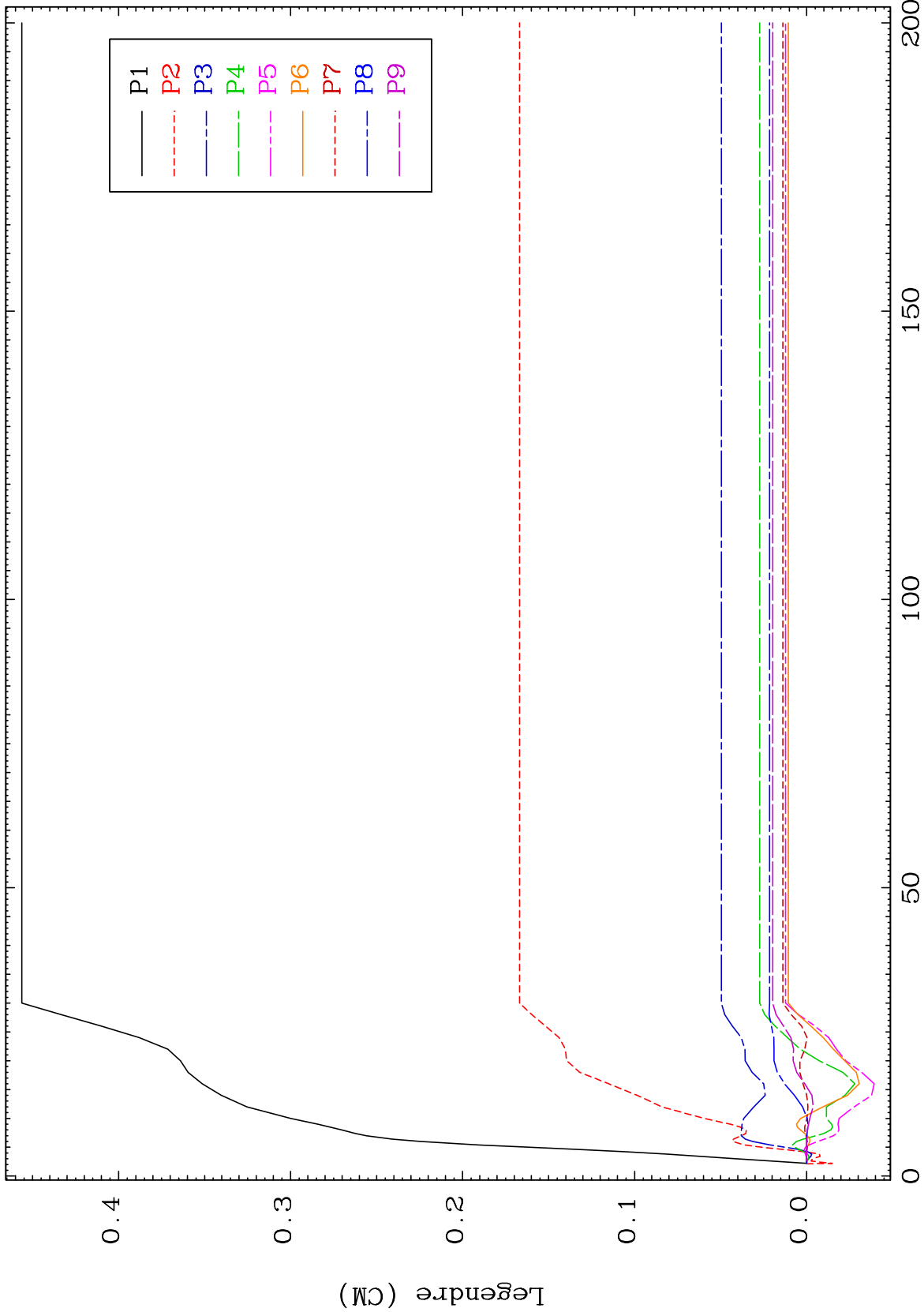




MAT 4216

2.096 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



49

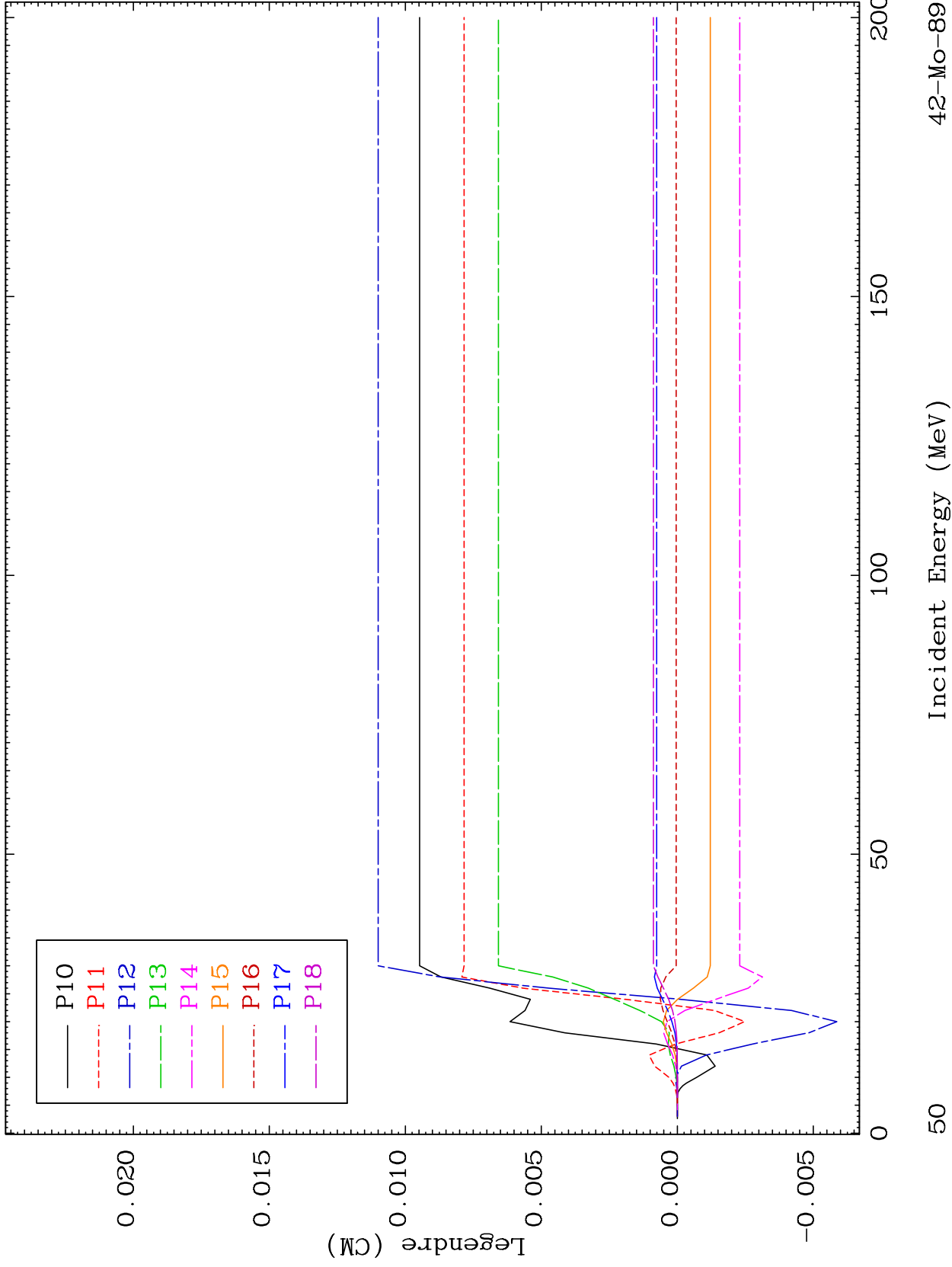
Incident Energy (MeV)

42-Mo-89

MAT 4216

2.096 MeV (n,n') Level  
Legendre Coefficients

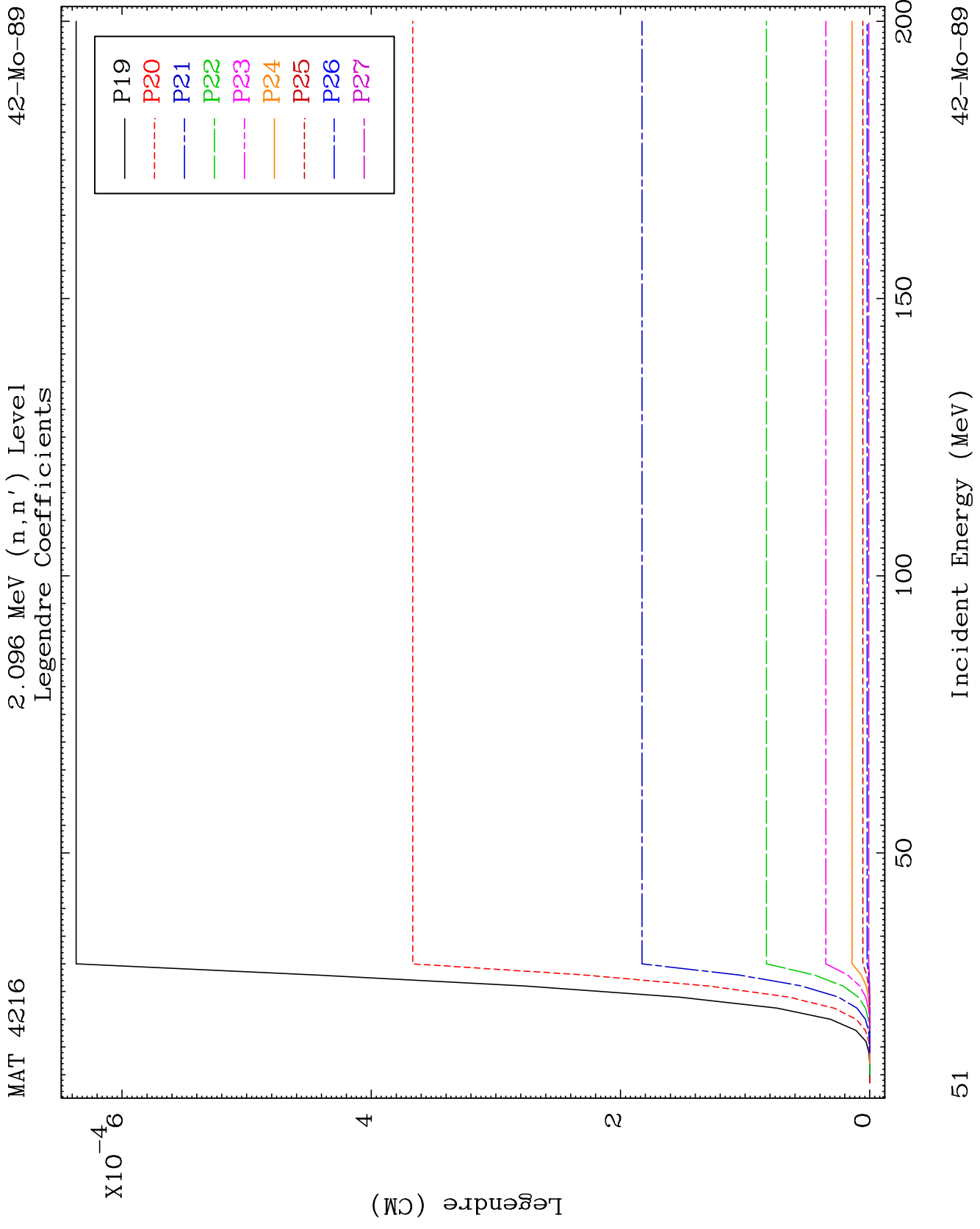
42-Mo-89



42-Mo-89

Incident Energy (MeV)

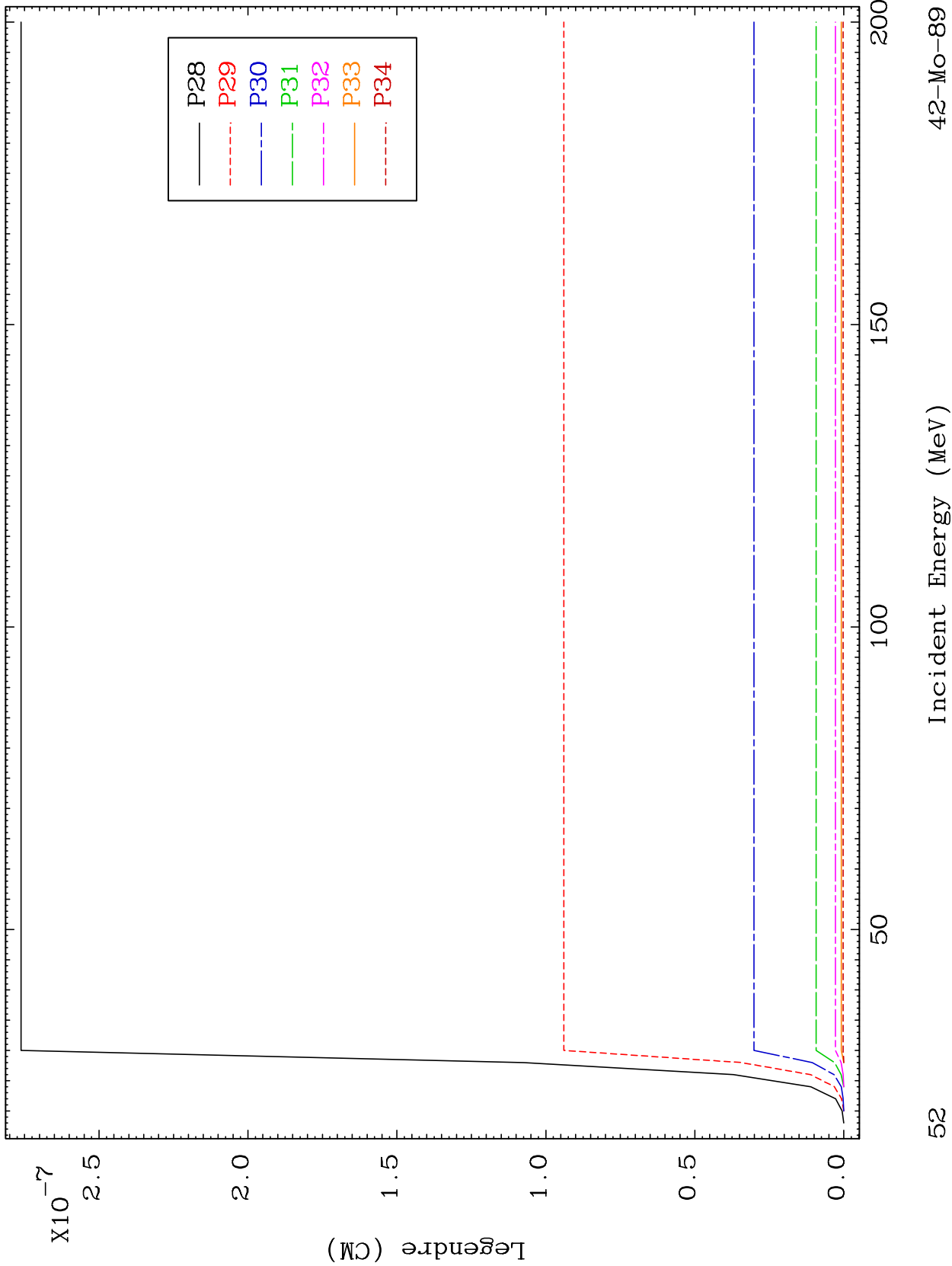
50



MAT 4216

2.096 MeV (n,n') Level  
Legendre Coefficients

42-Mo-89



52

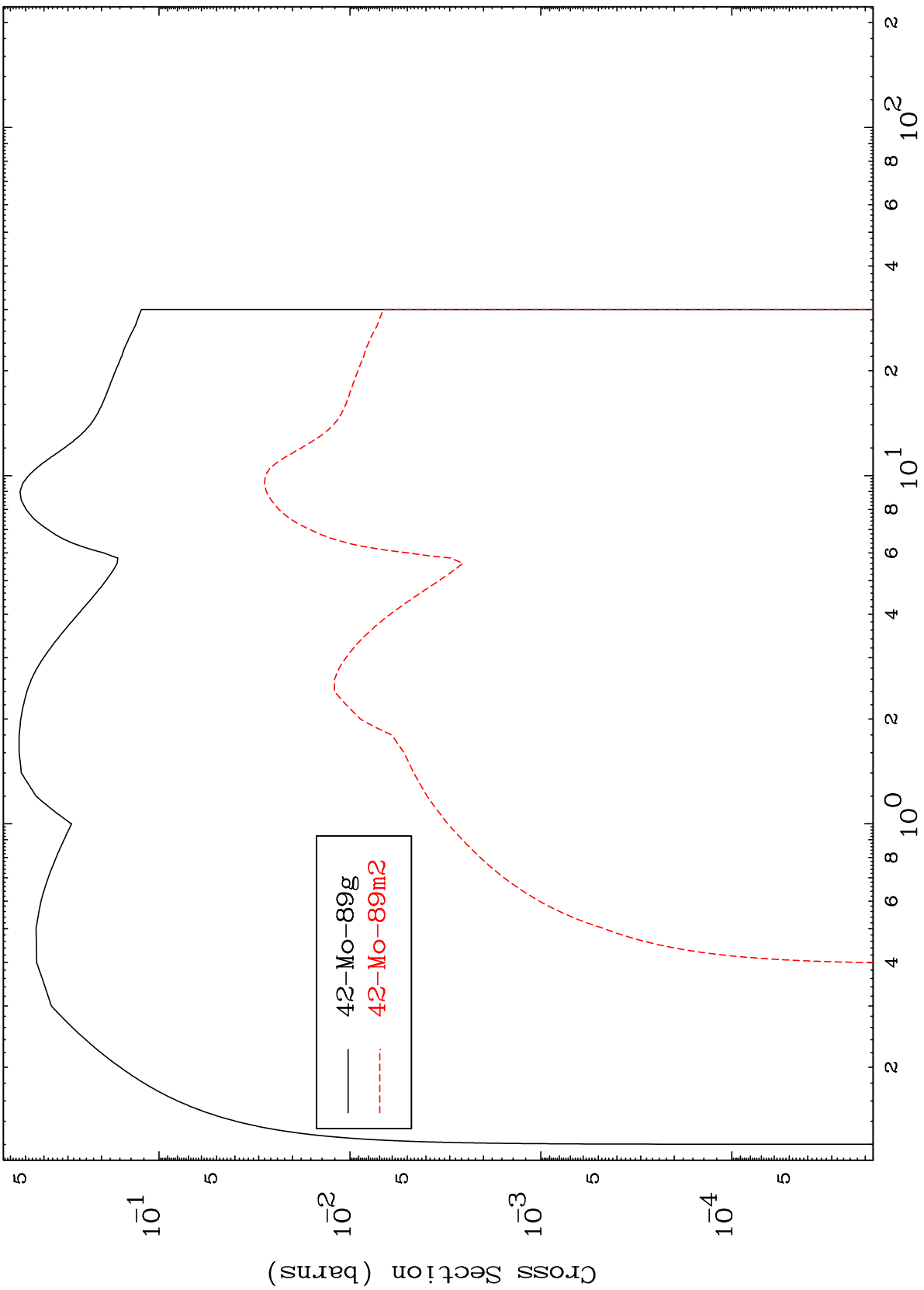
Incident Energy (MeV)

42-Mo-89

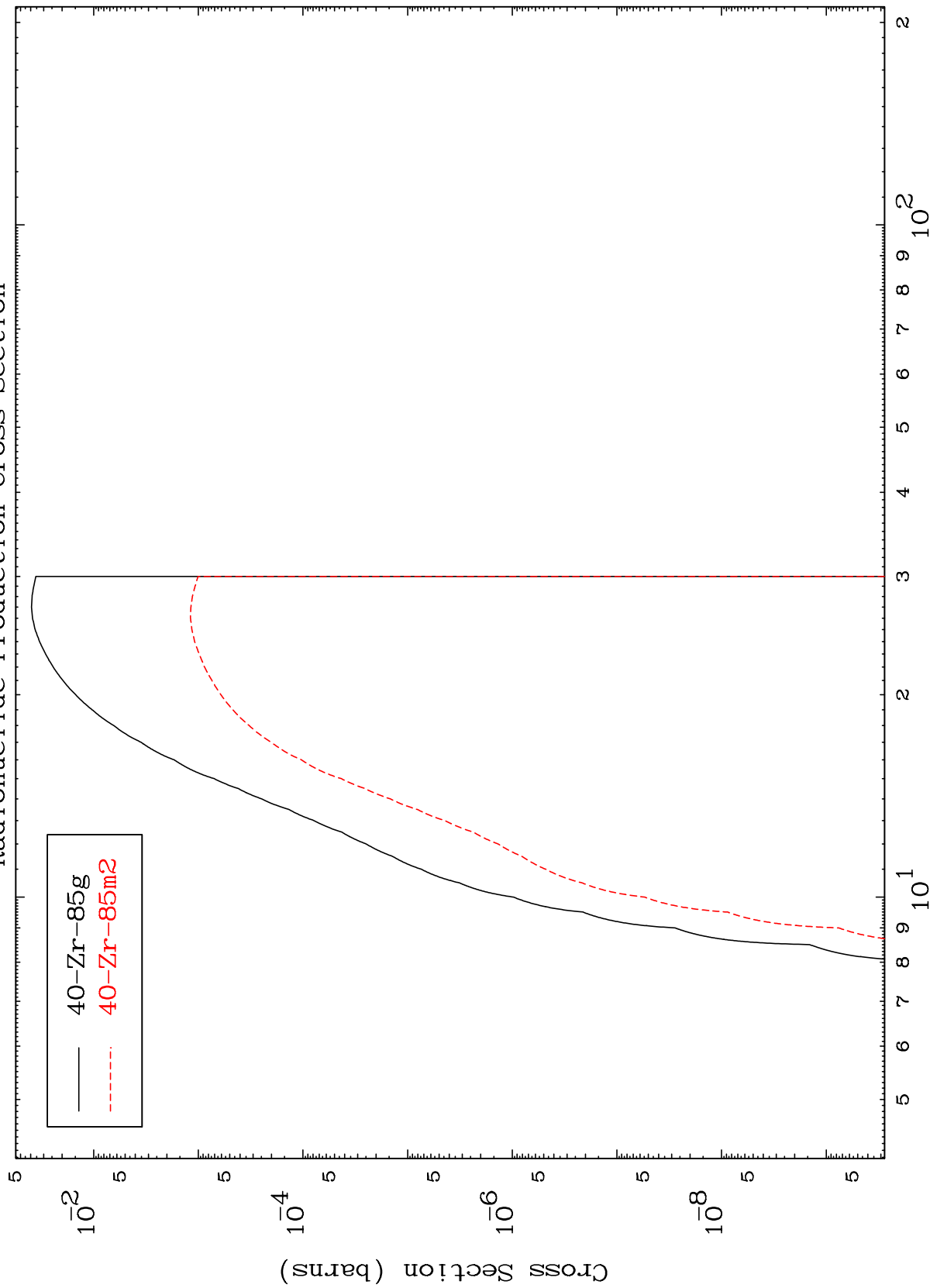
MAT 4216

42-Mo-89

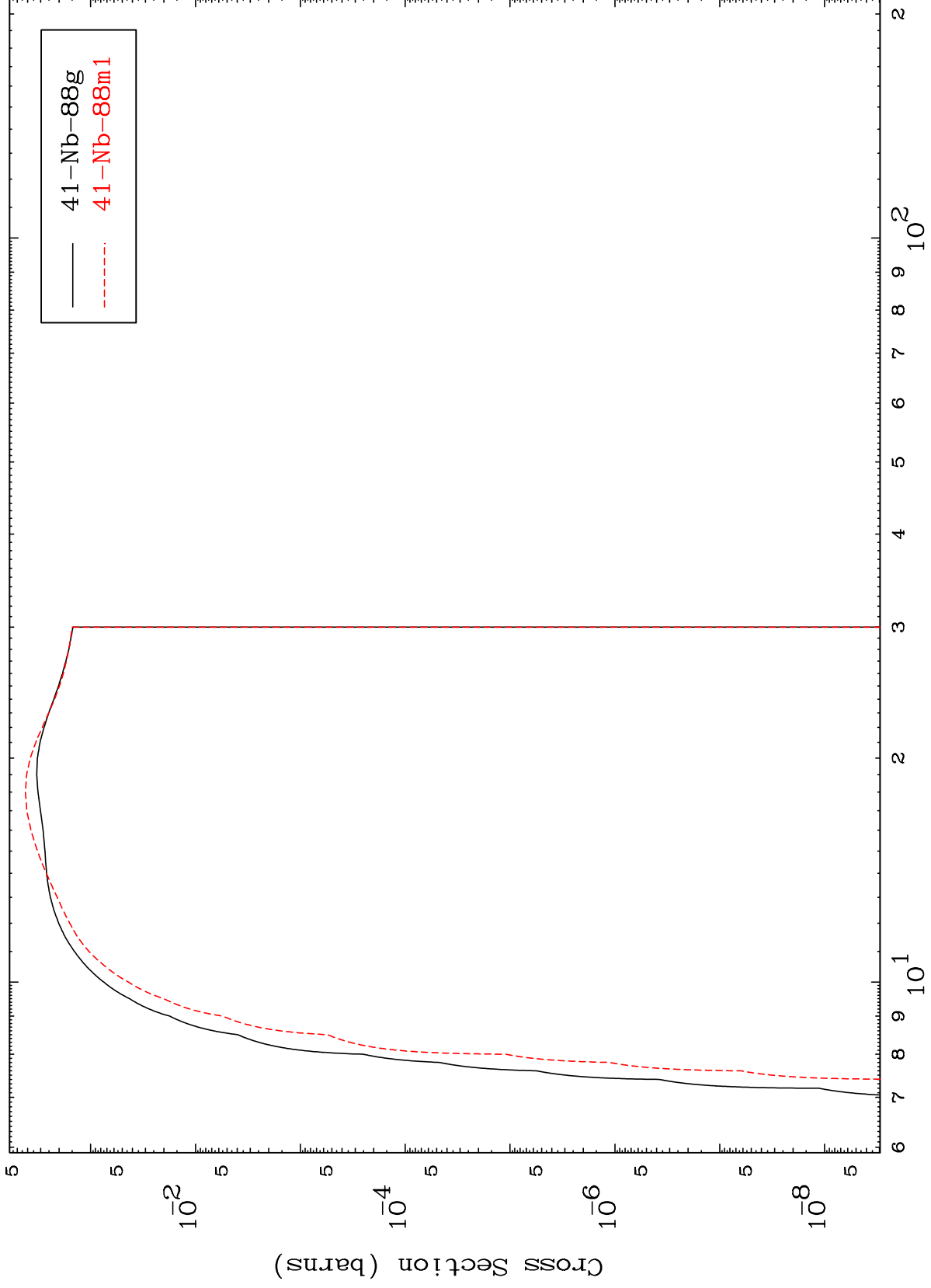
Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

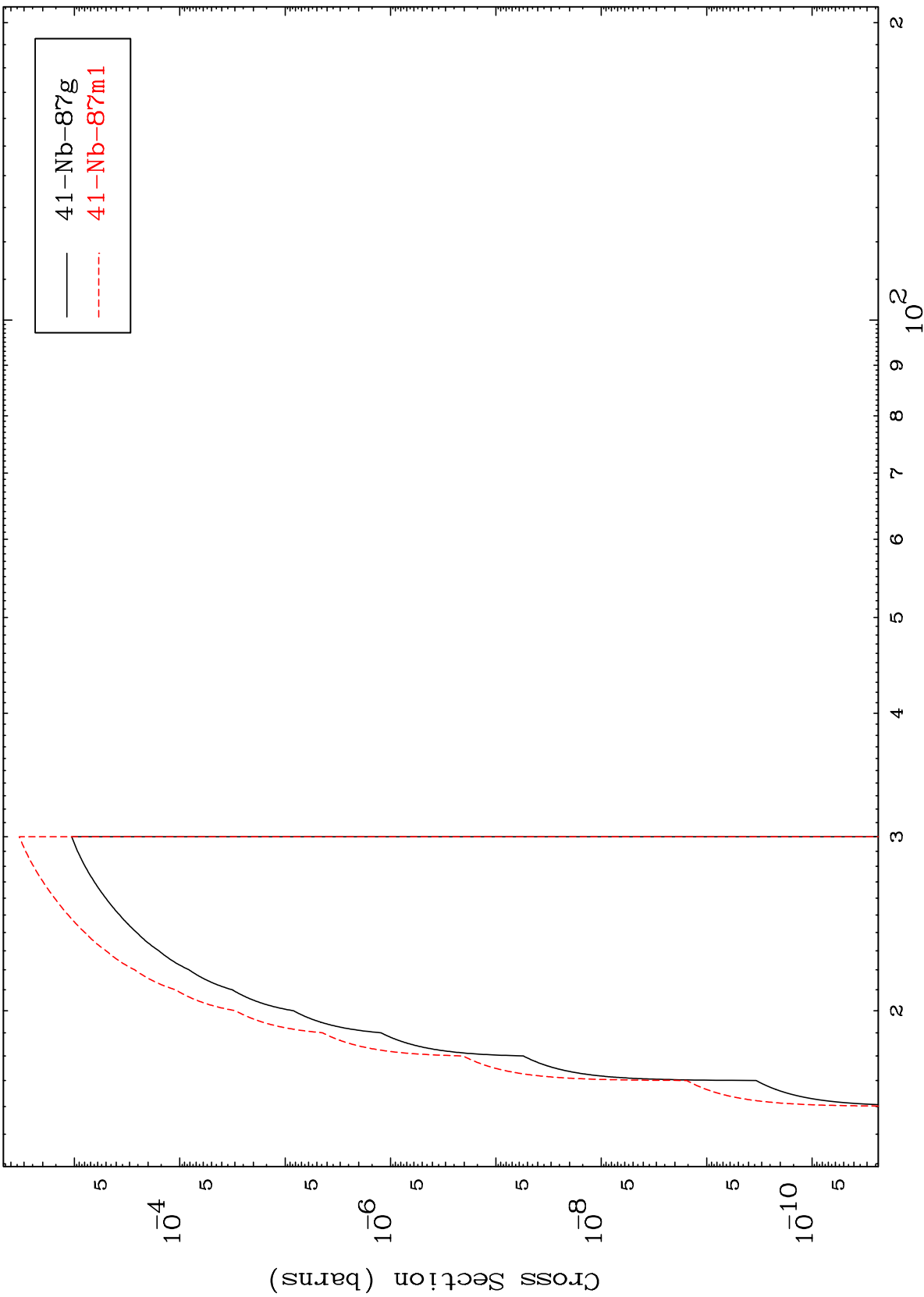


$(n, n')$  p  
Radionuclide Production Cross Section





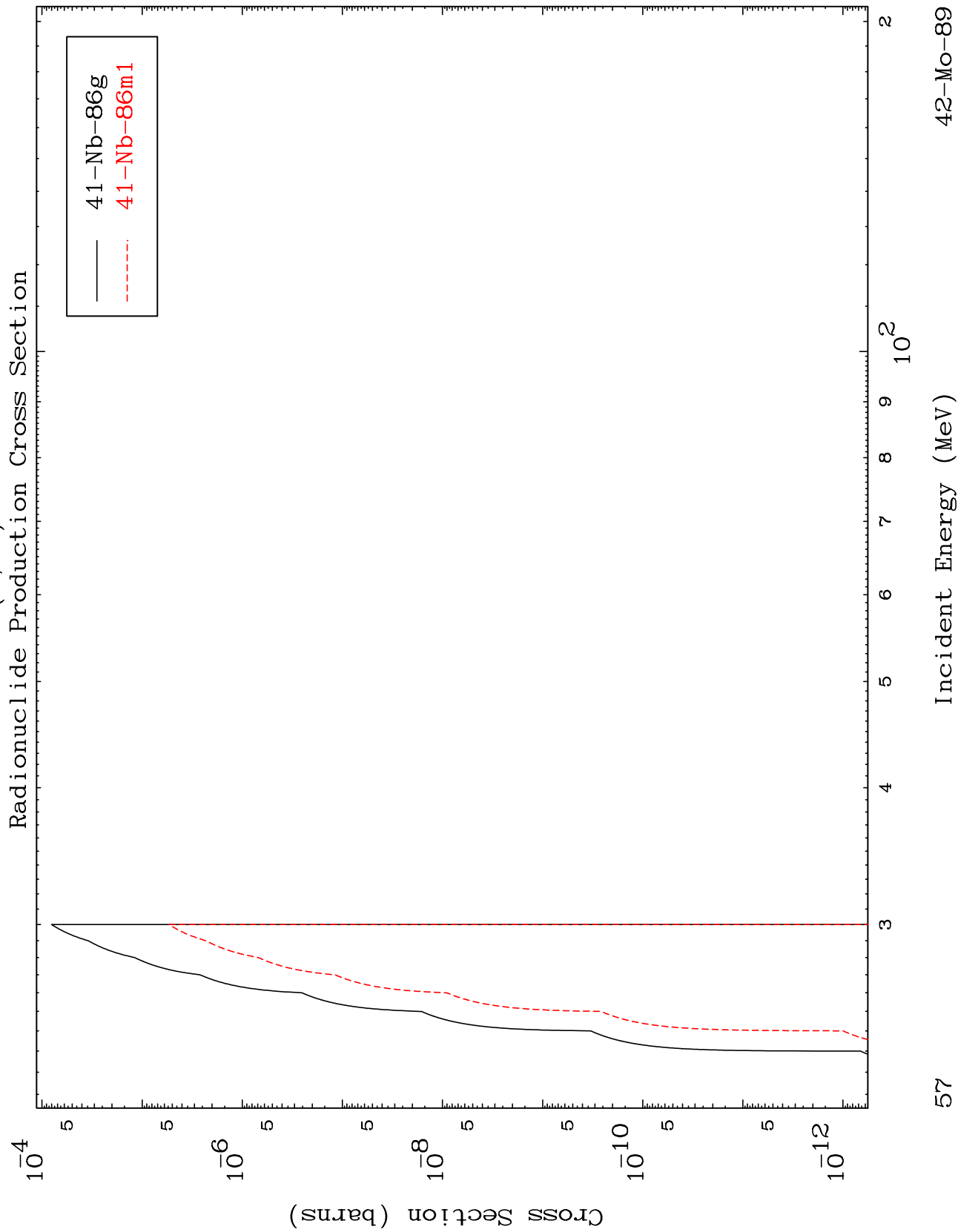
Radionuclide Production Cross Section



MAT 4216

(n,n') t

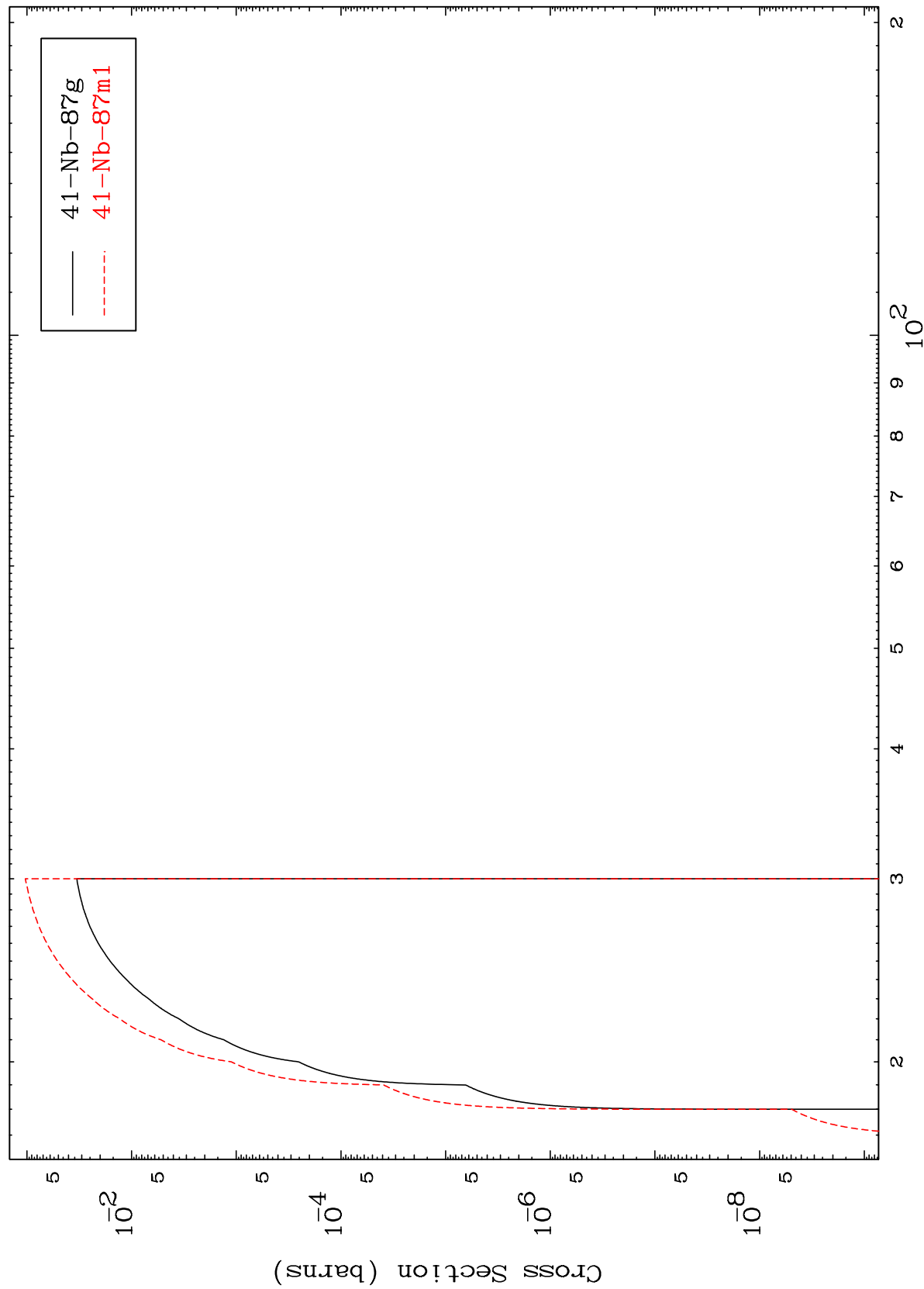
42-Mo-89



57

42-Mo-89

Radionuclide Production Cross Section

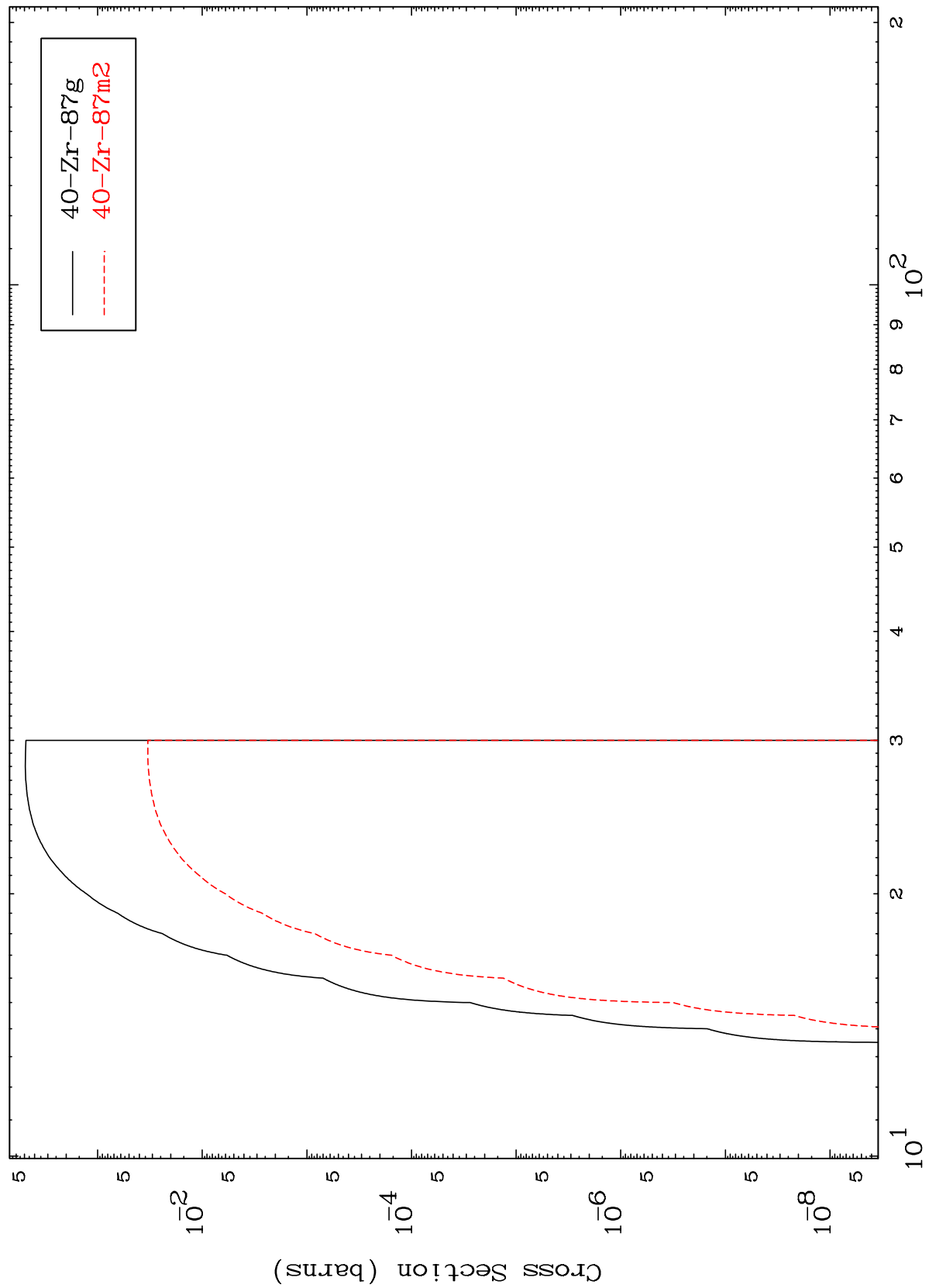


MAT 4216

(n,2n) p

42-Mo-89

Radionuclide Production Cross Section



Incident Energy (MeV)

42-Mo-89

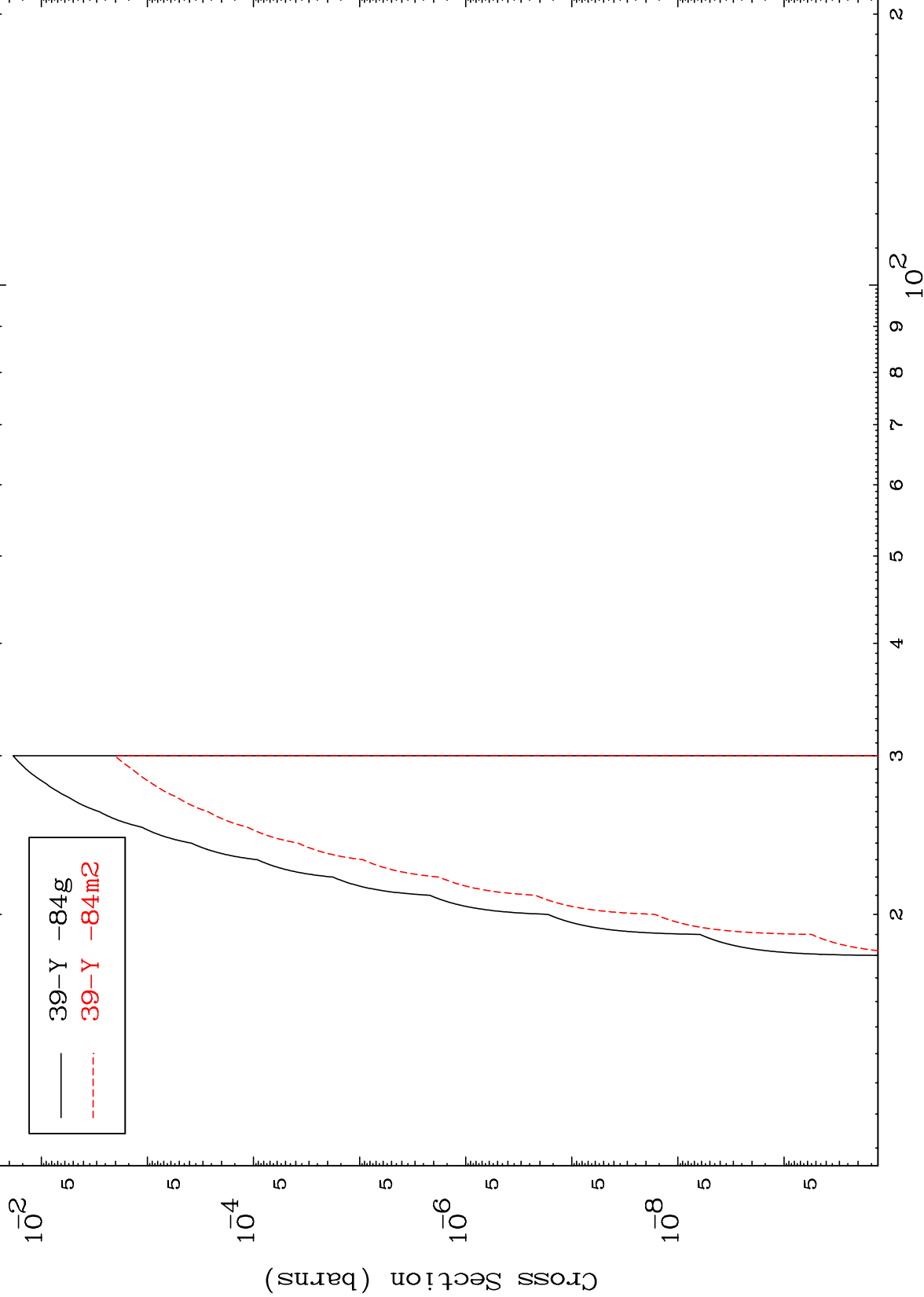
59

MAT 4216

(n,n') p  $\alpha$

42-Mo-89

Radionuclide Production Cross Section



39-Y -84g  
39-Y -84m2

60

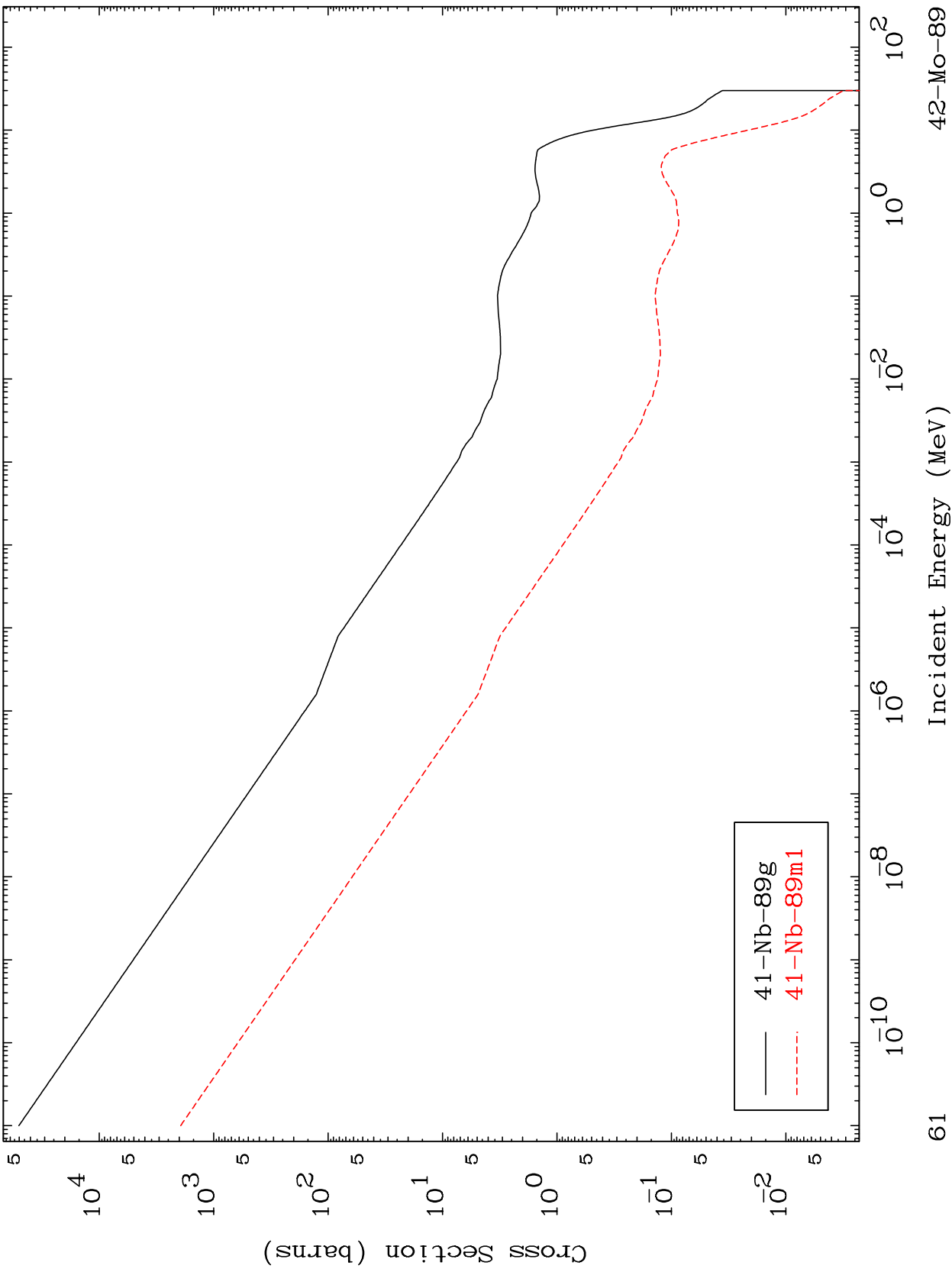
Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89

(n,p)  
Radionuclide Production Cross Section



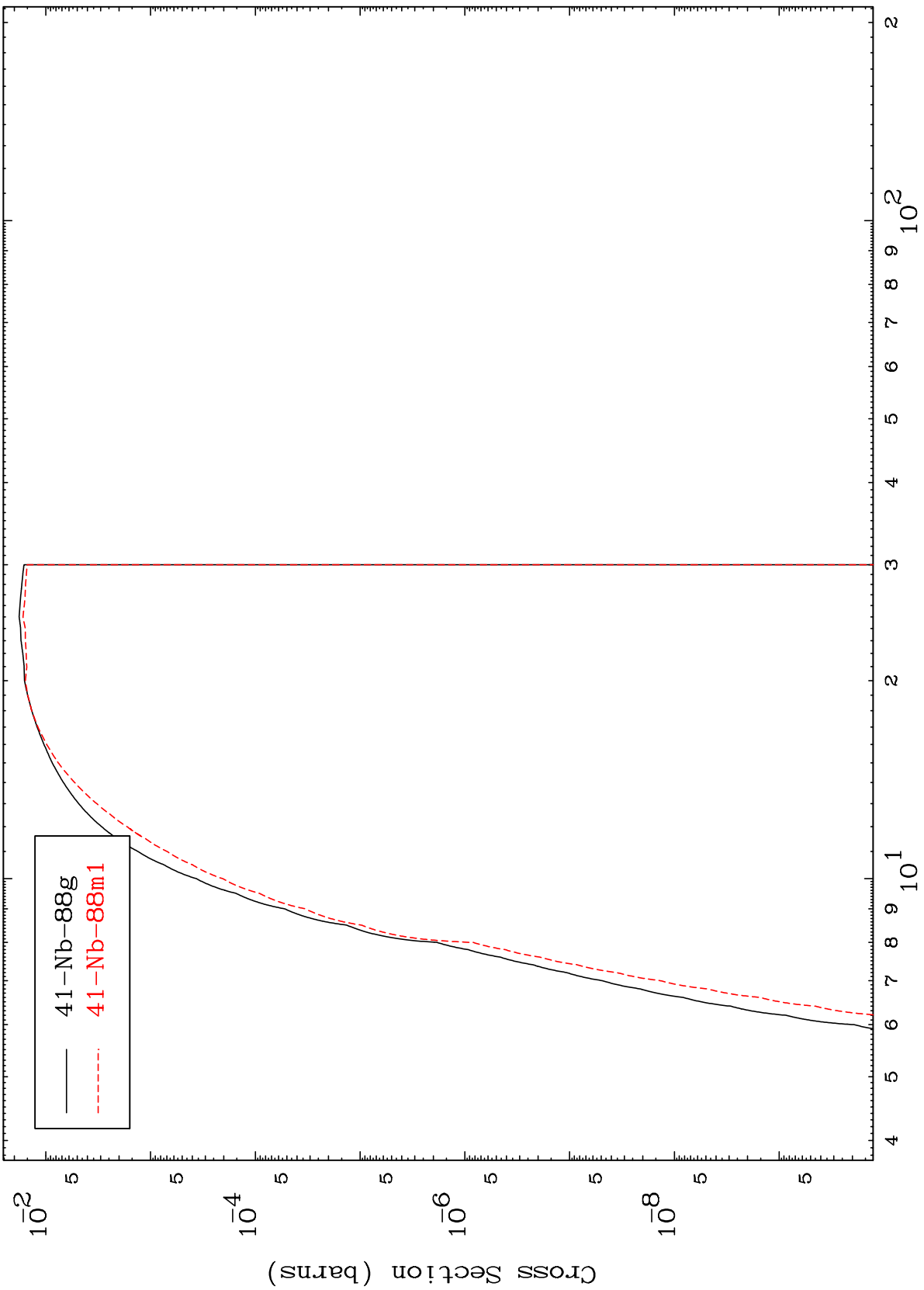
61

42-Mo-89

MAT 4216

42-Mo-89

(n,d)  
Radionuclide Production Cross Section



— 41-Nb-88g  
- - - 41-Nb-88m1

62

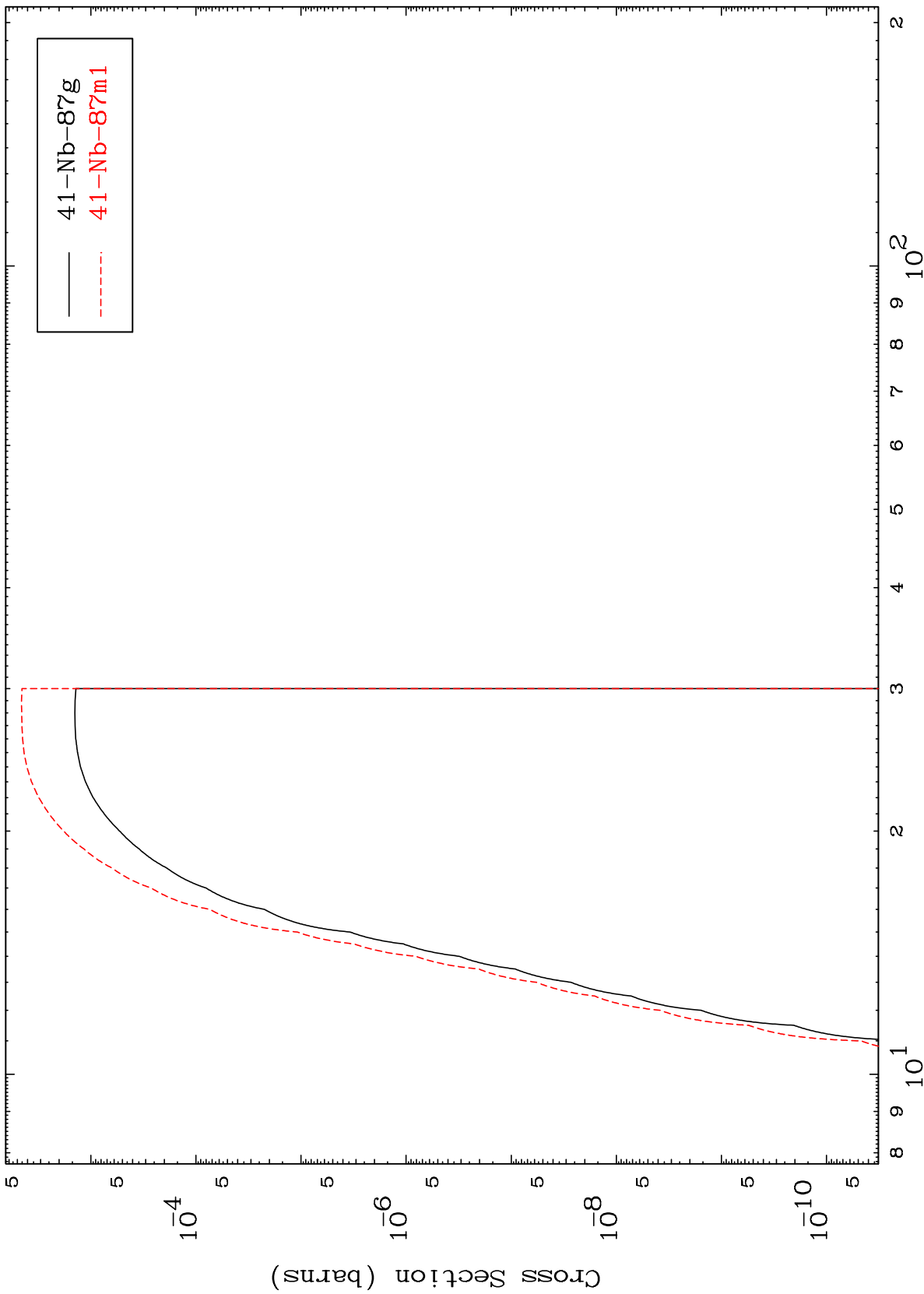
Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89

(n, t)  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

42-Mo-89

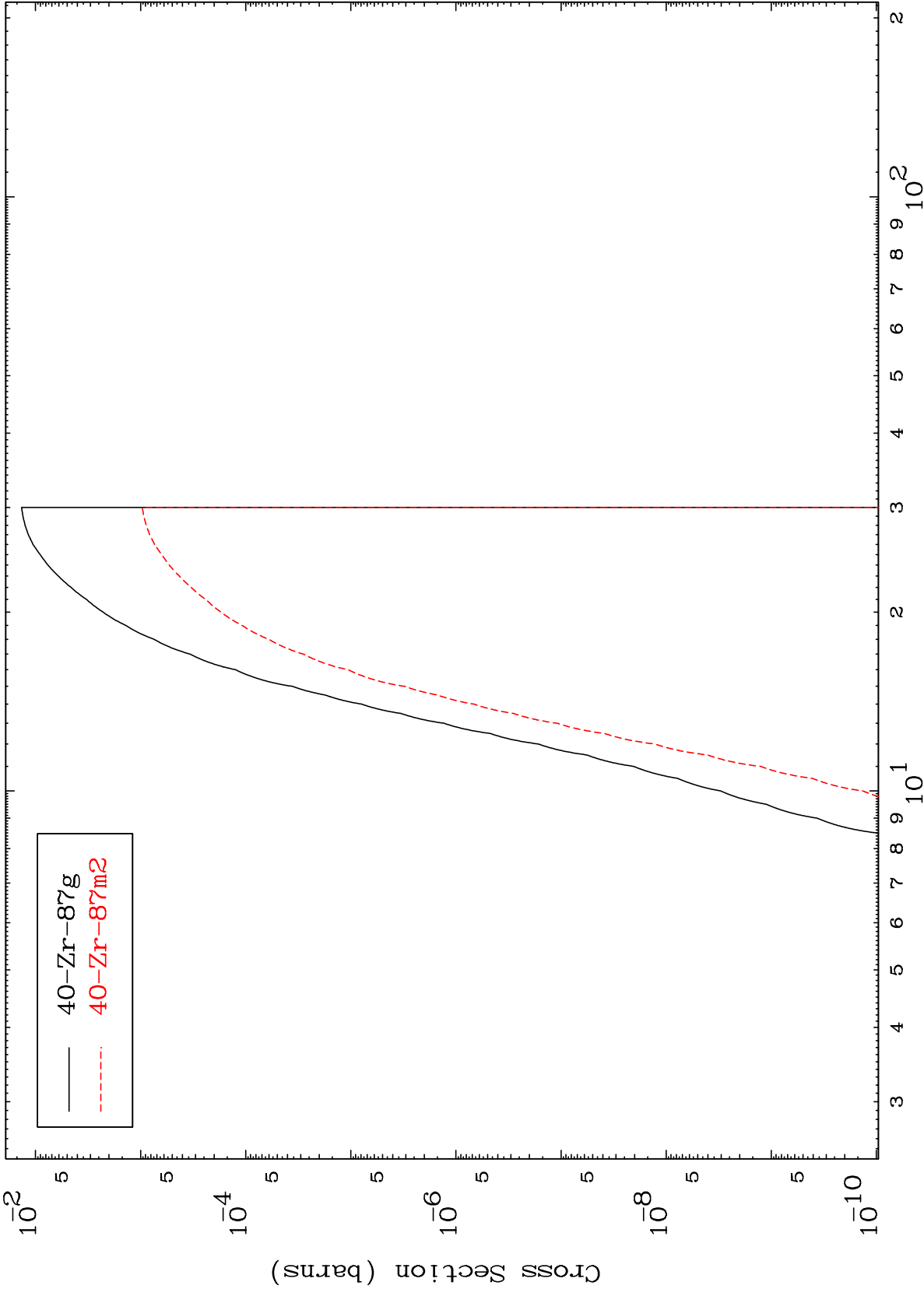


MAT 4216

(n,He-3)

42-Mo-89

Radionuclide Production Cross Section



64

Incident Energy (MeV)

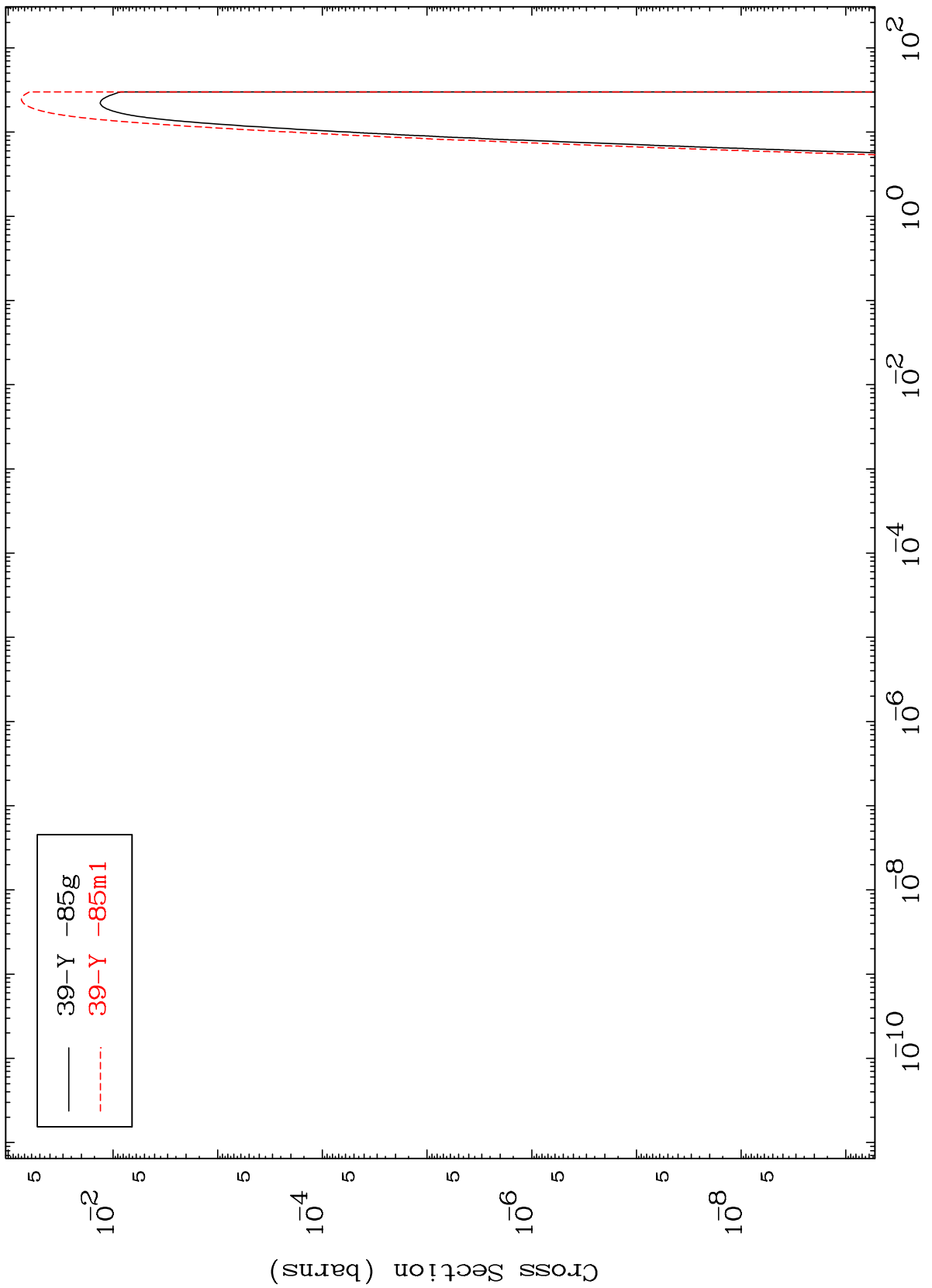
42-Mo-89

MAT 4216

(n,p)  $\alpha$

42-Mo-89

Radionuclide Production Cross Section

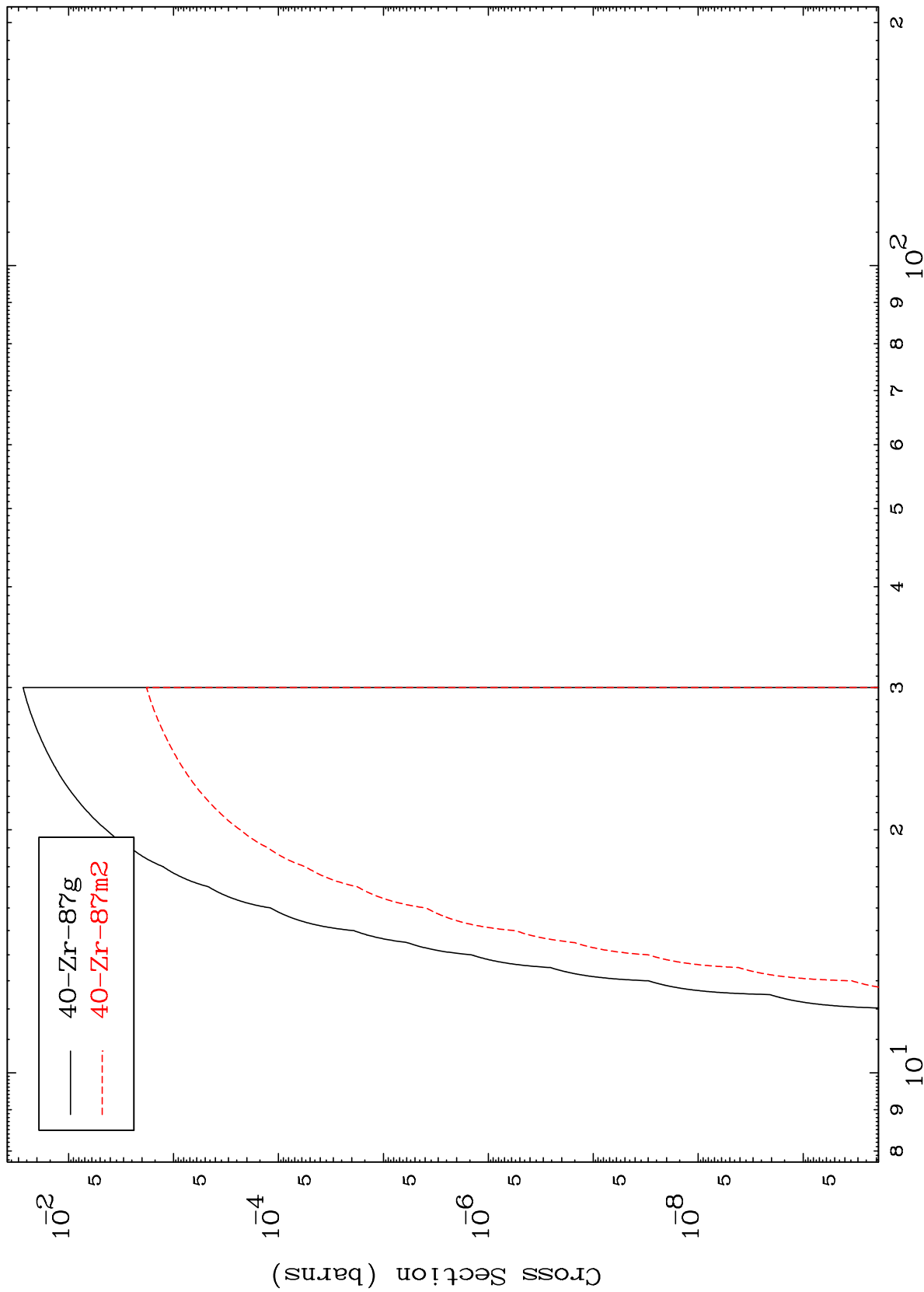


65

Incident Energy (MeV)

42-Mo-89

Radionuclide Production Cross Section

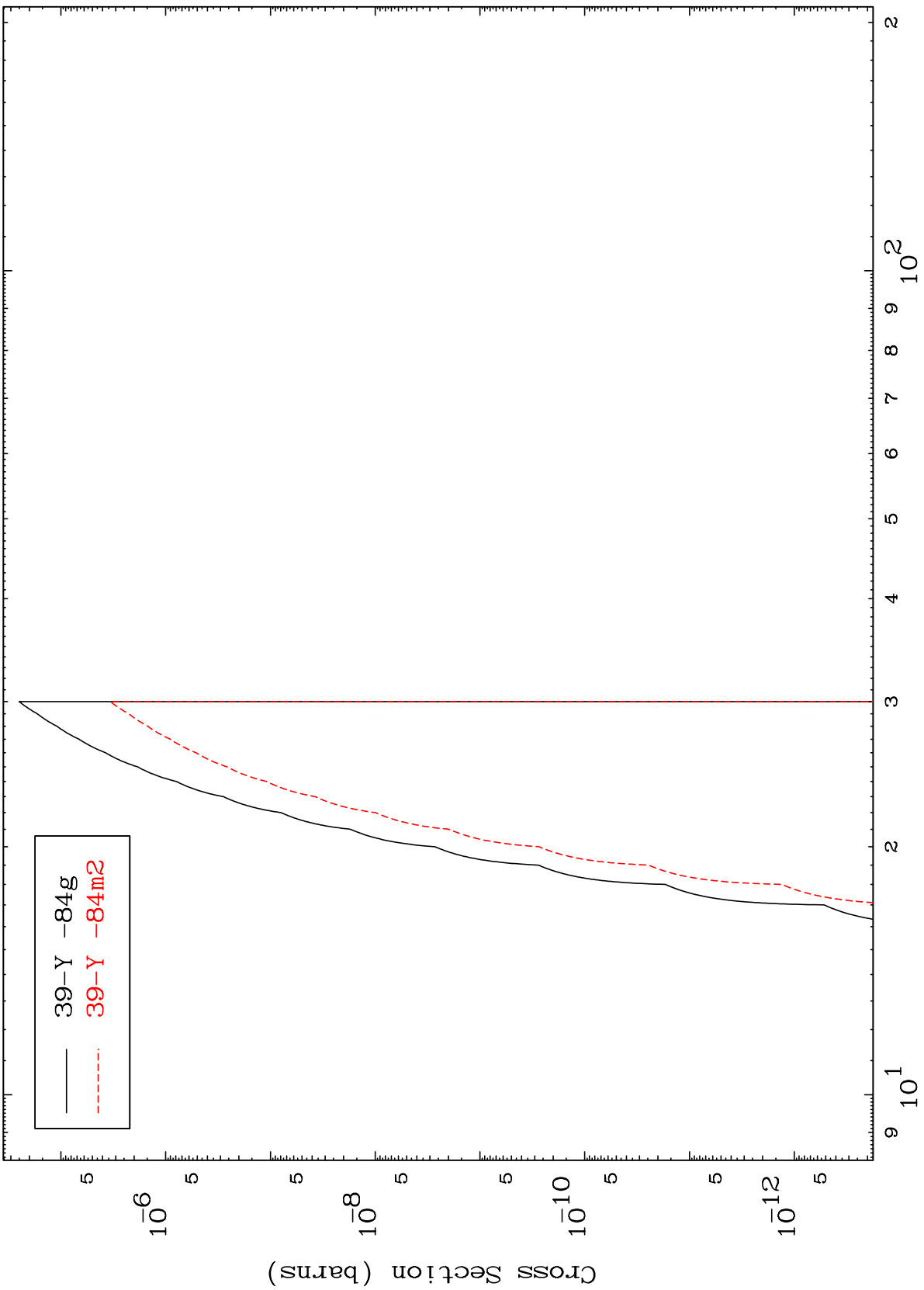


MAT 4216

(n,d)  $\alpha$

42-Mo-89

Radionuclide Production Cross Section



— 39-Y -84g  
- - - 39-Y -84m2

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Incident Energy (MeV)

42-Mo-89