

Program EVALPLOT
(Version 2015-2)

by

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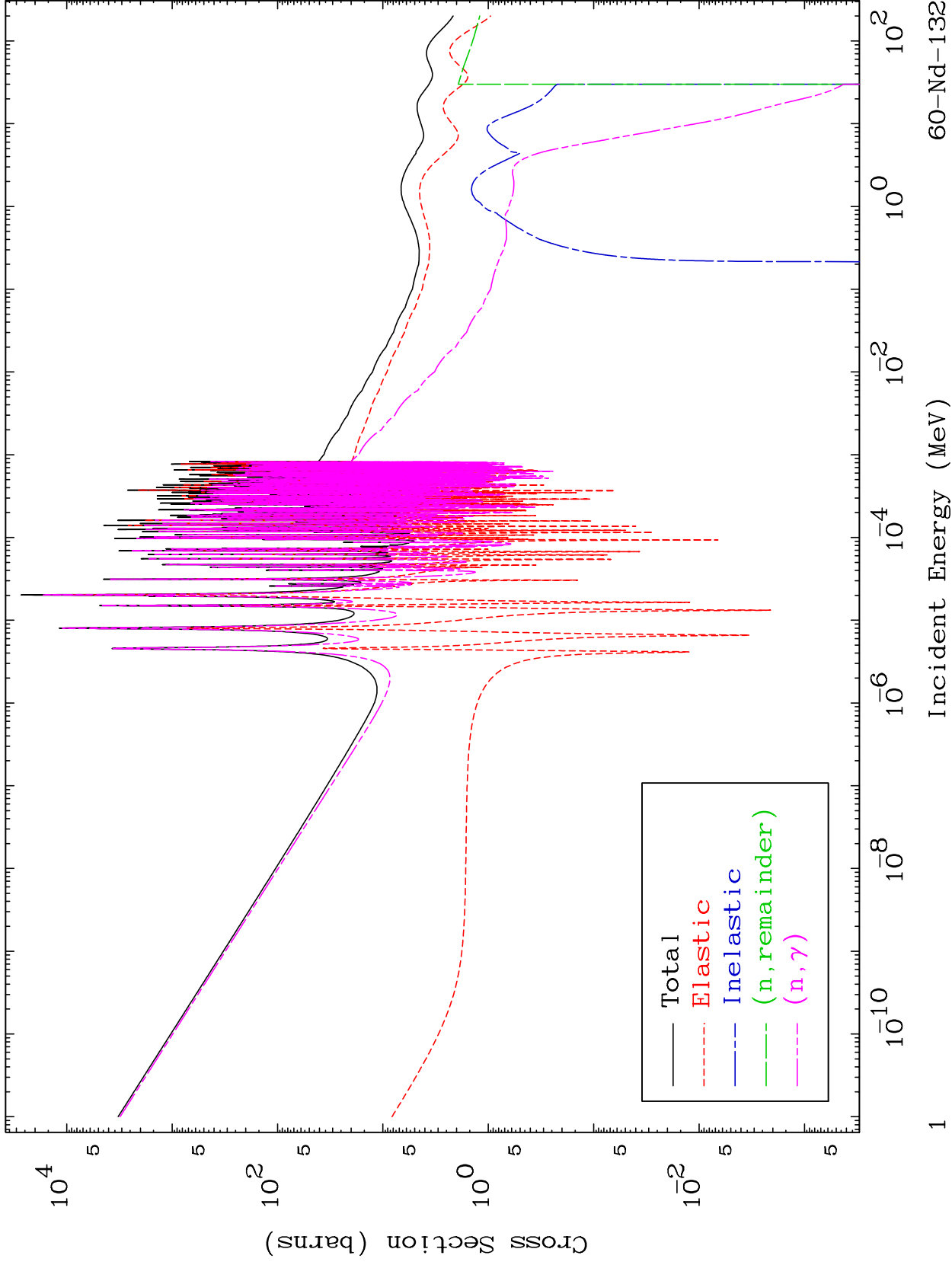
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5995

Major
293 Kelvin Cross Sections

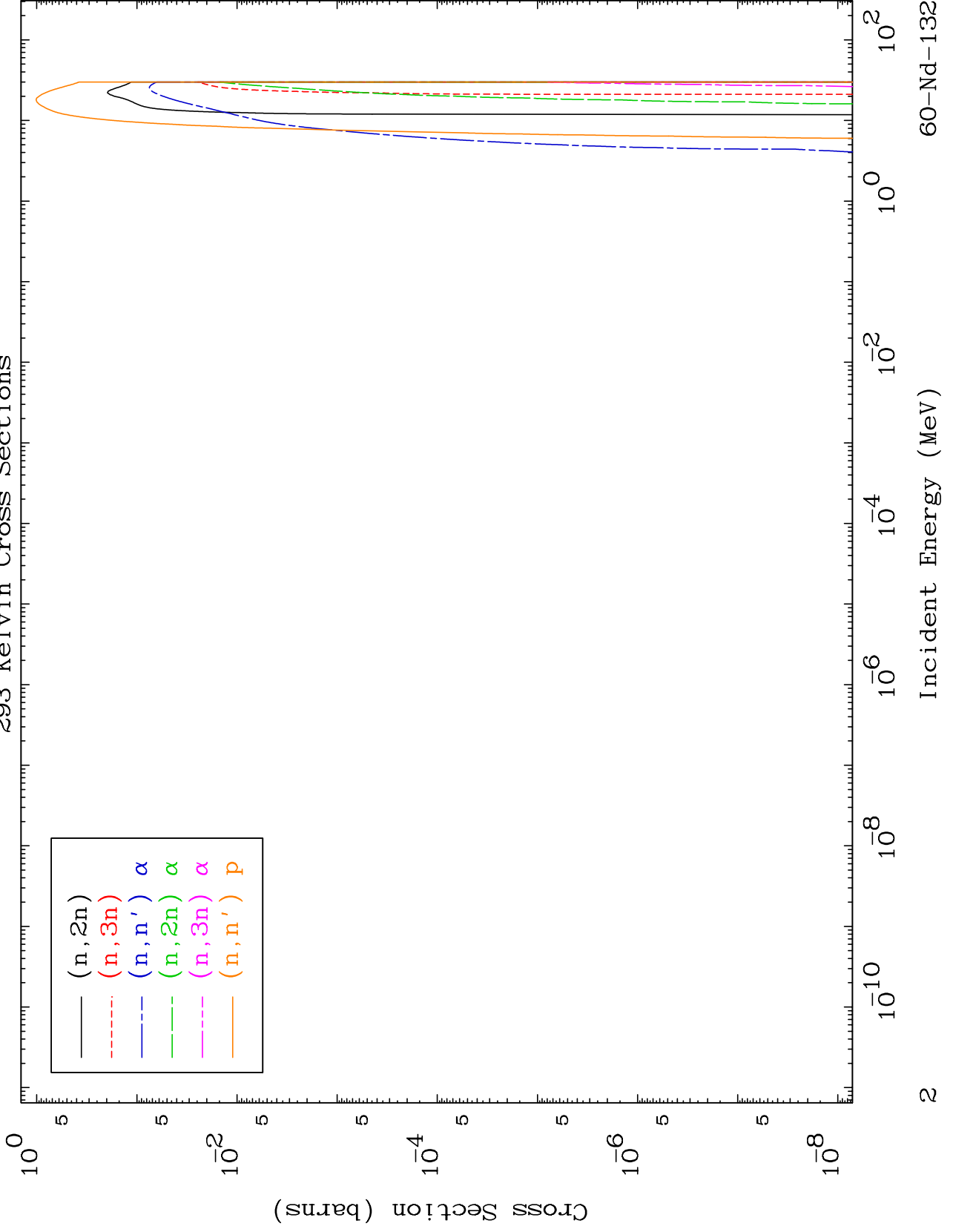
60-Nd-132



MAT 5995

Neutron Production
293 Kelvin Cross Sections

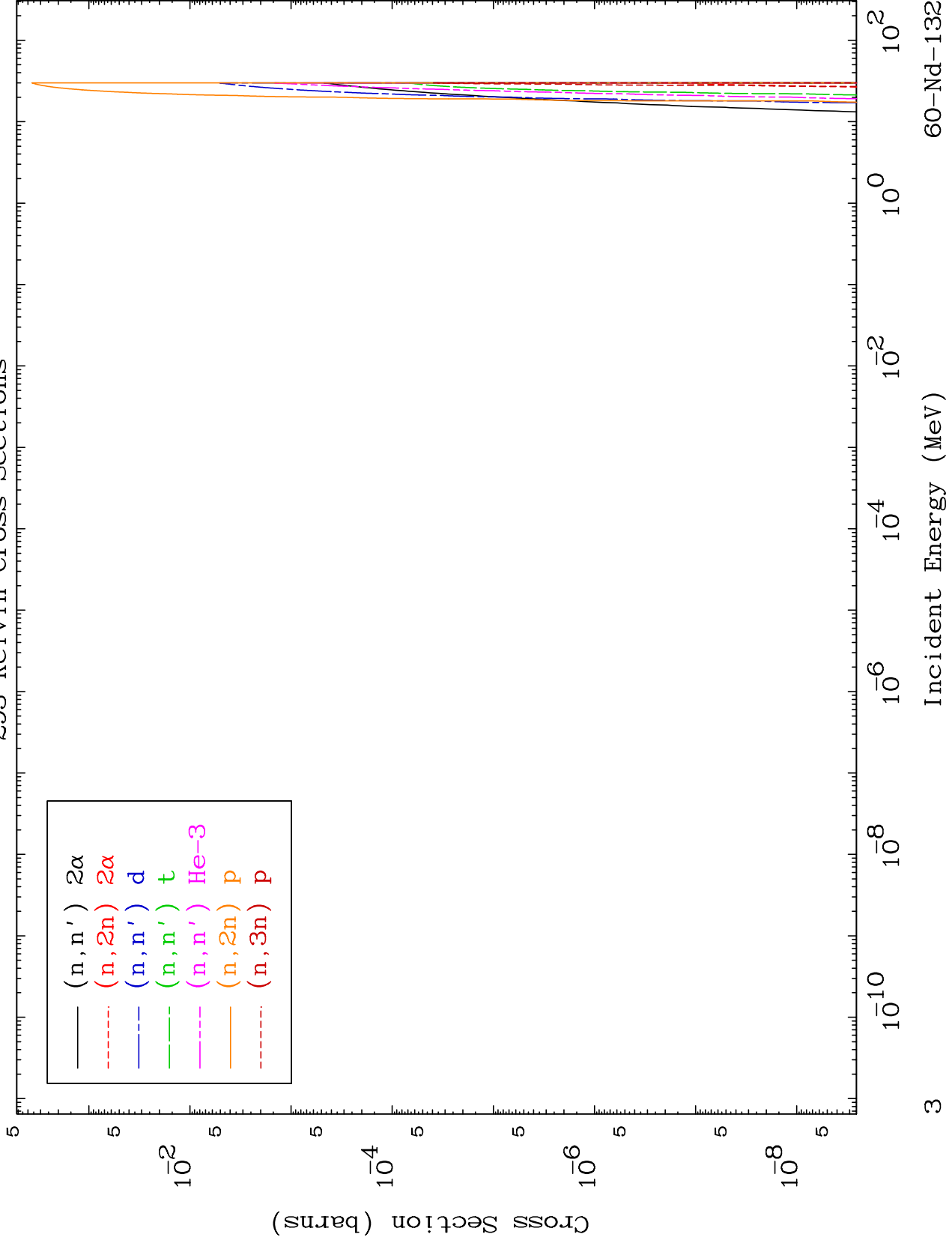
60-Nd-132



MAT 5995

Neutron Production
293 Kelvin Cross Sections

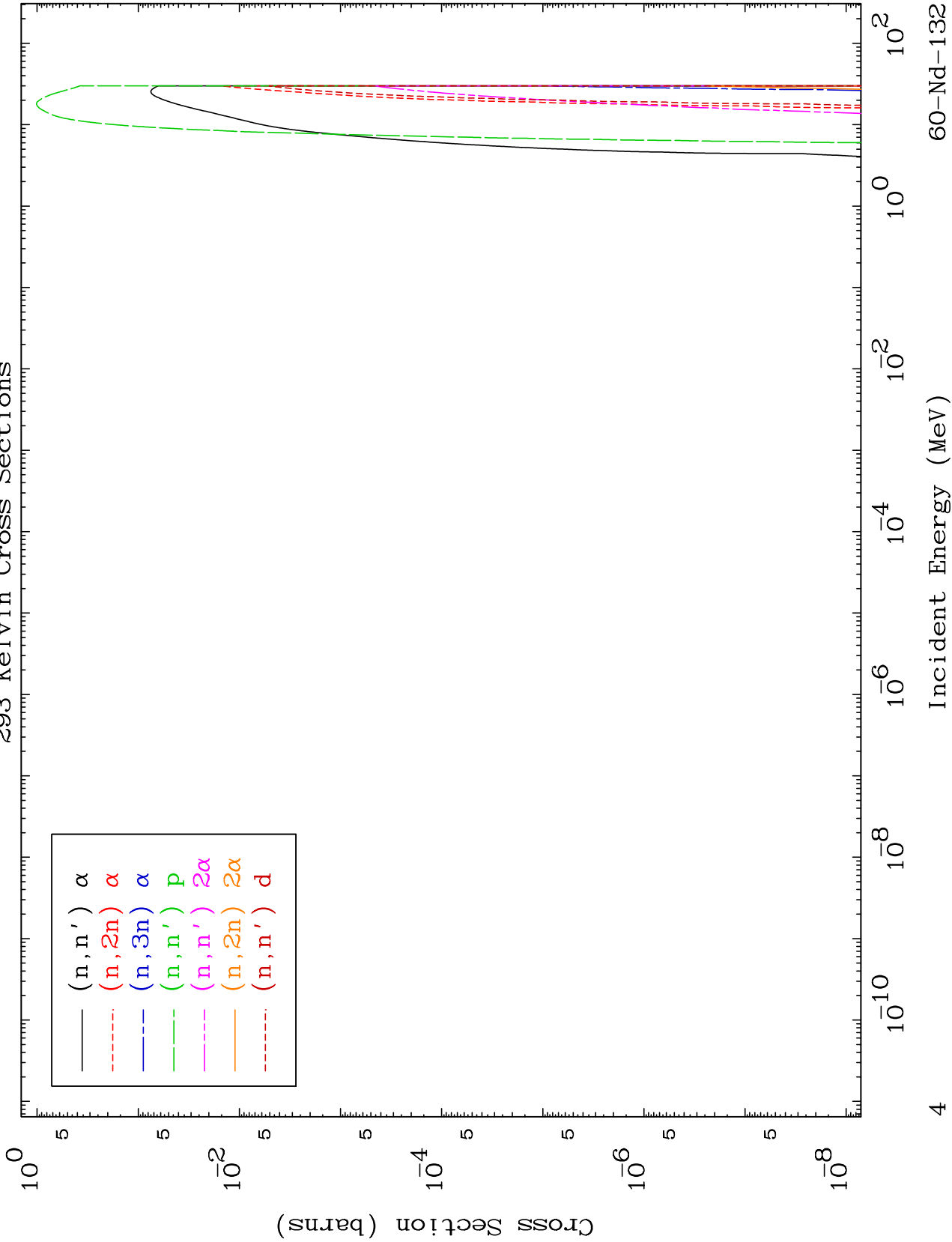
60-Nd-132



MAT 5995

Charged Particle
293 Kelvin Cross Sections

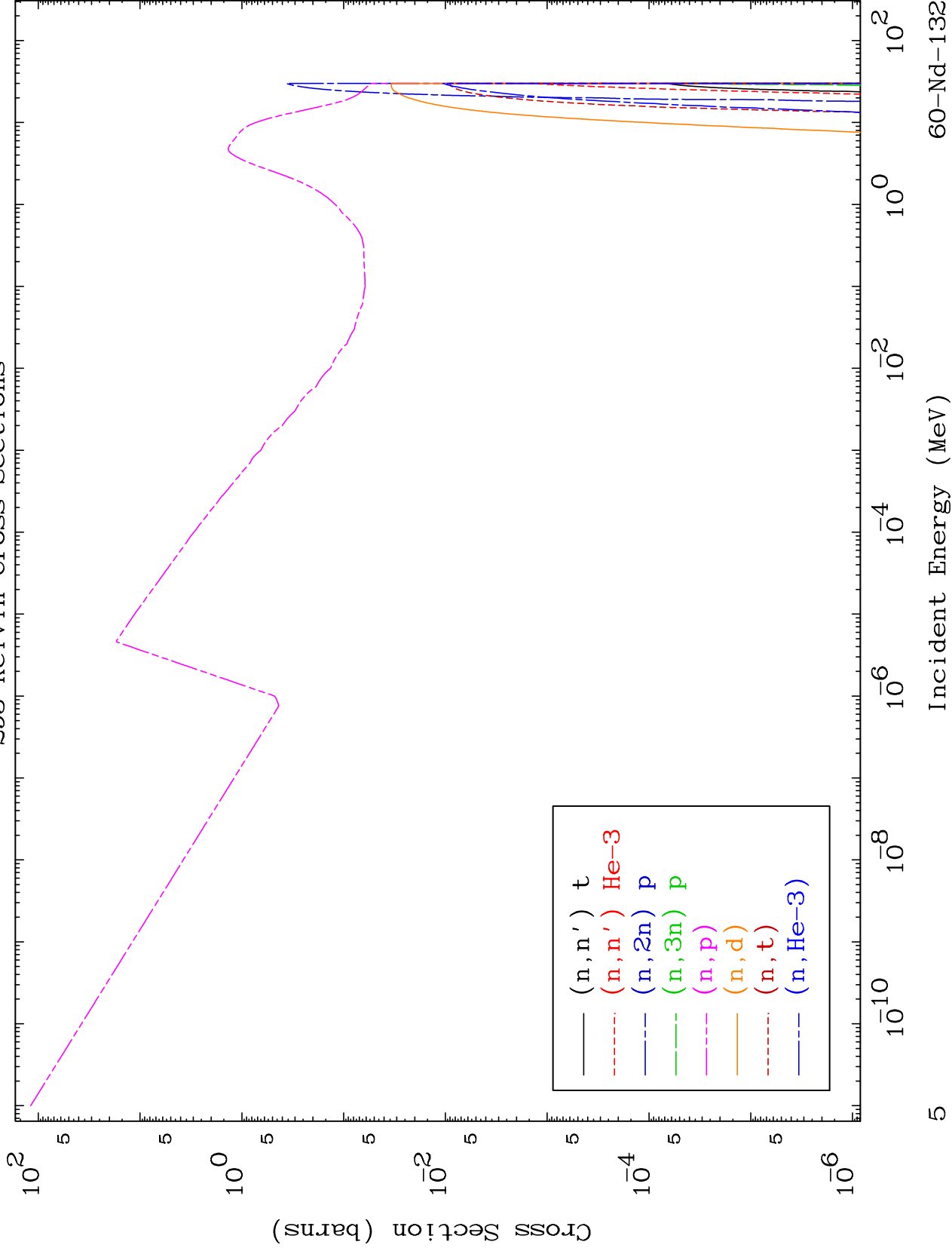
60-Nd-132



MAT 5995

Charged Particle
293 Kelvin Cross Sections

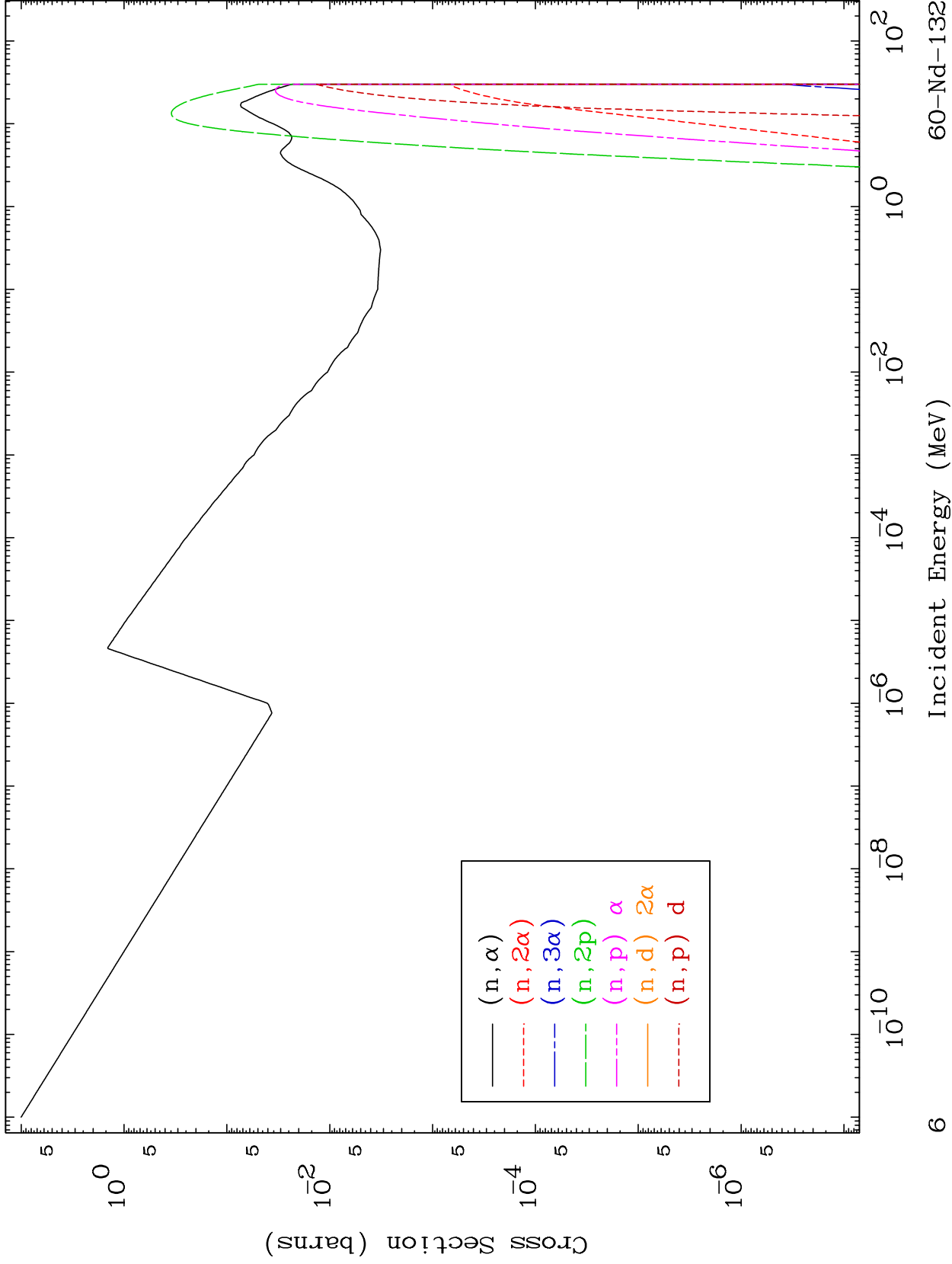
60-Nd-132



MAT 5995

Charged Particle
293 Kelvin Cross Sections

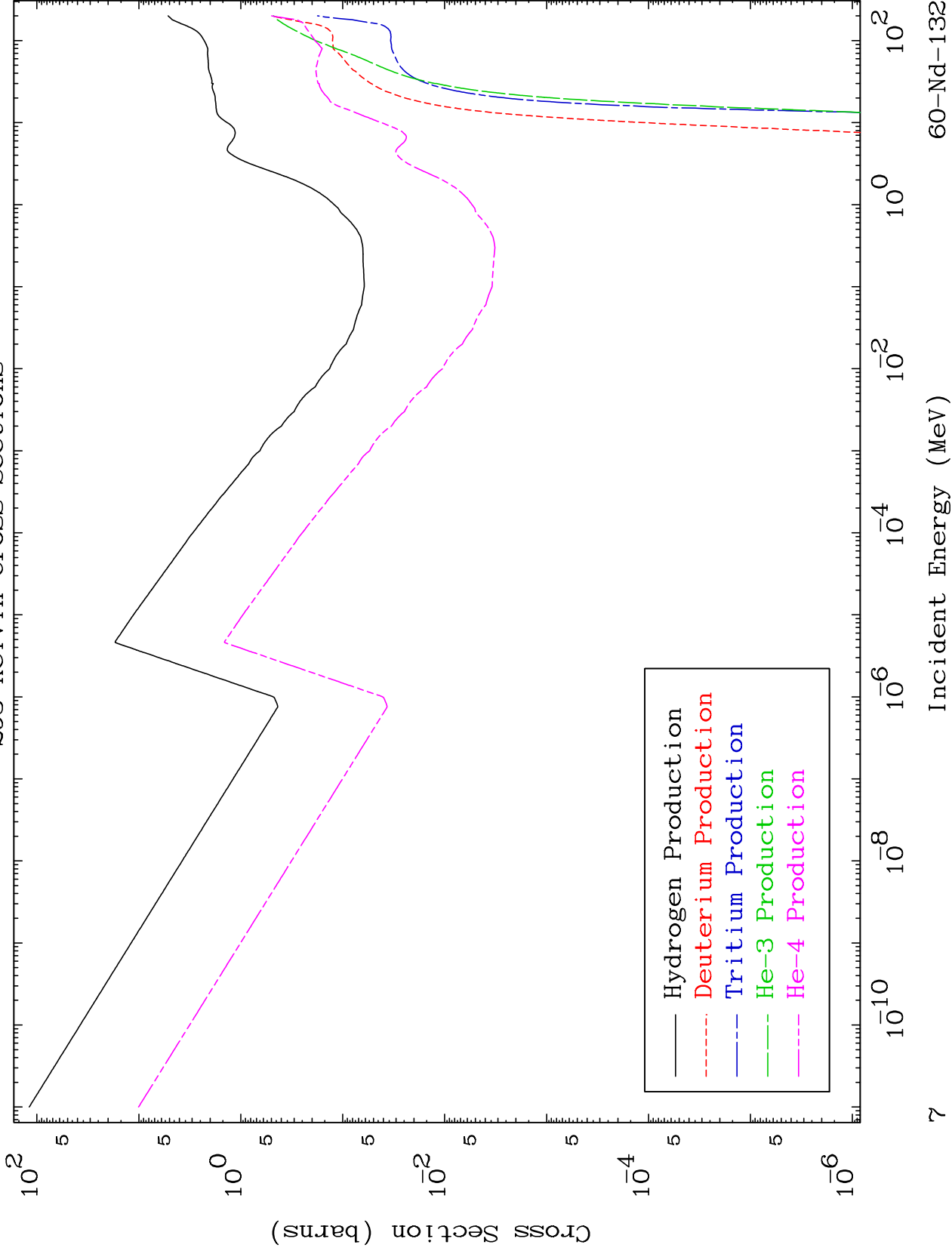
60-Nd-132



MAT 5995

Particle Production
293 Kelvin Cross Sections

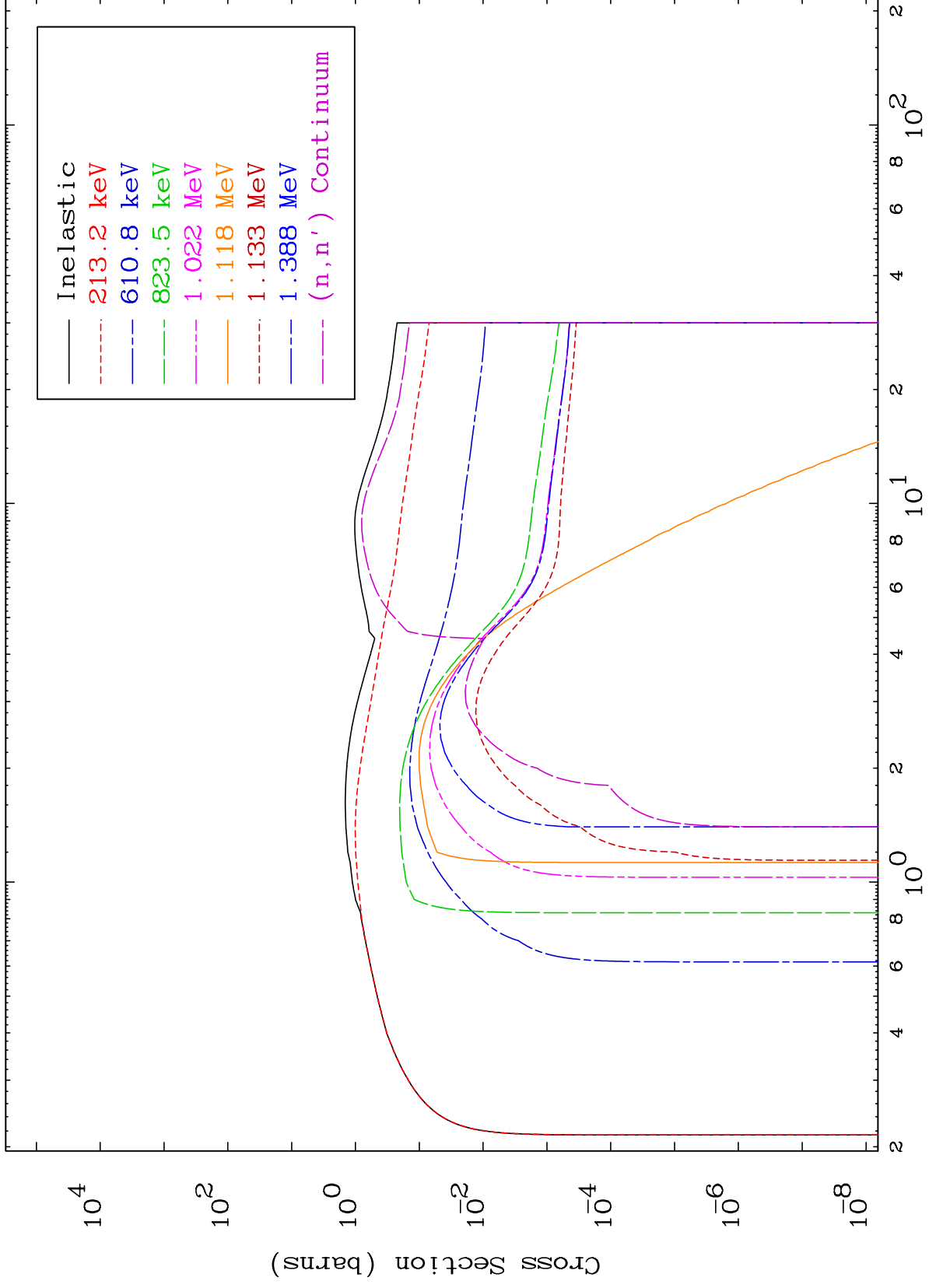
60-Nd-132



MAT 5995

(n,n') Level
293 Kelvin Cross Sections

60-Nd-132



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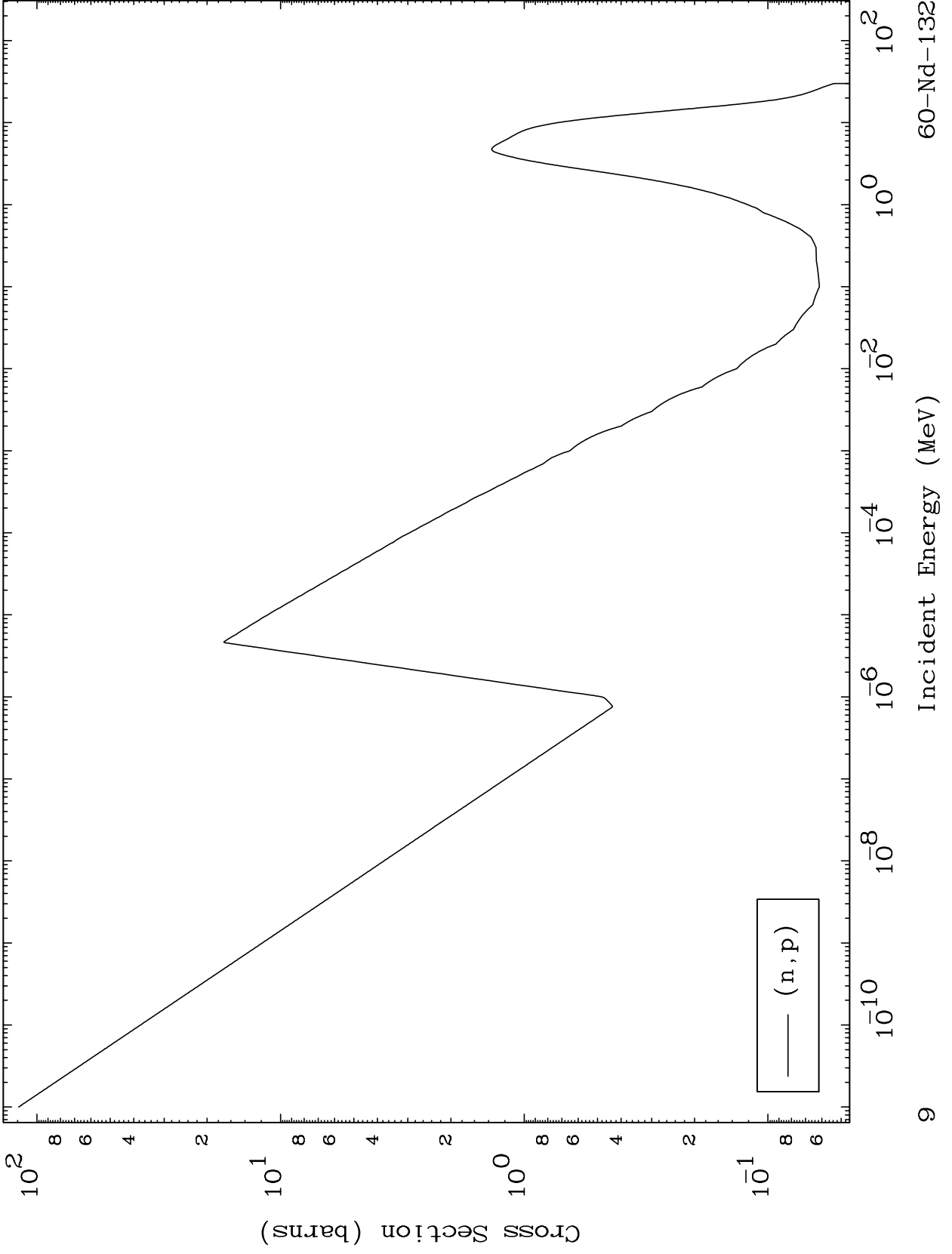
Incident Energy (MeV)

60-Nd-132

MAT 5995

(n,p) Levels
293 Kelvin Cross Sections

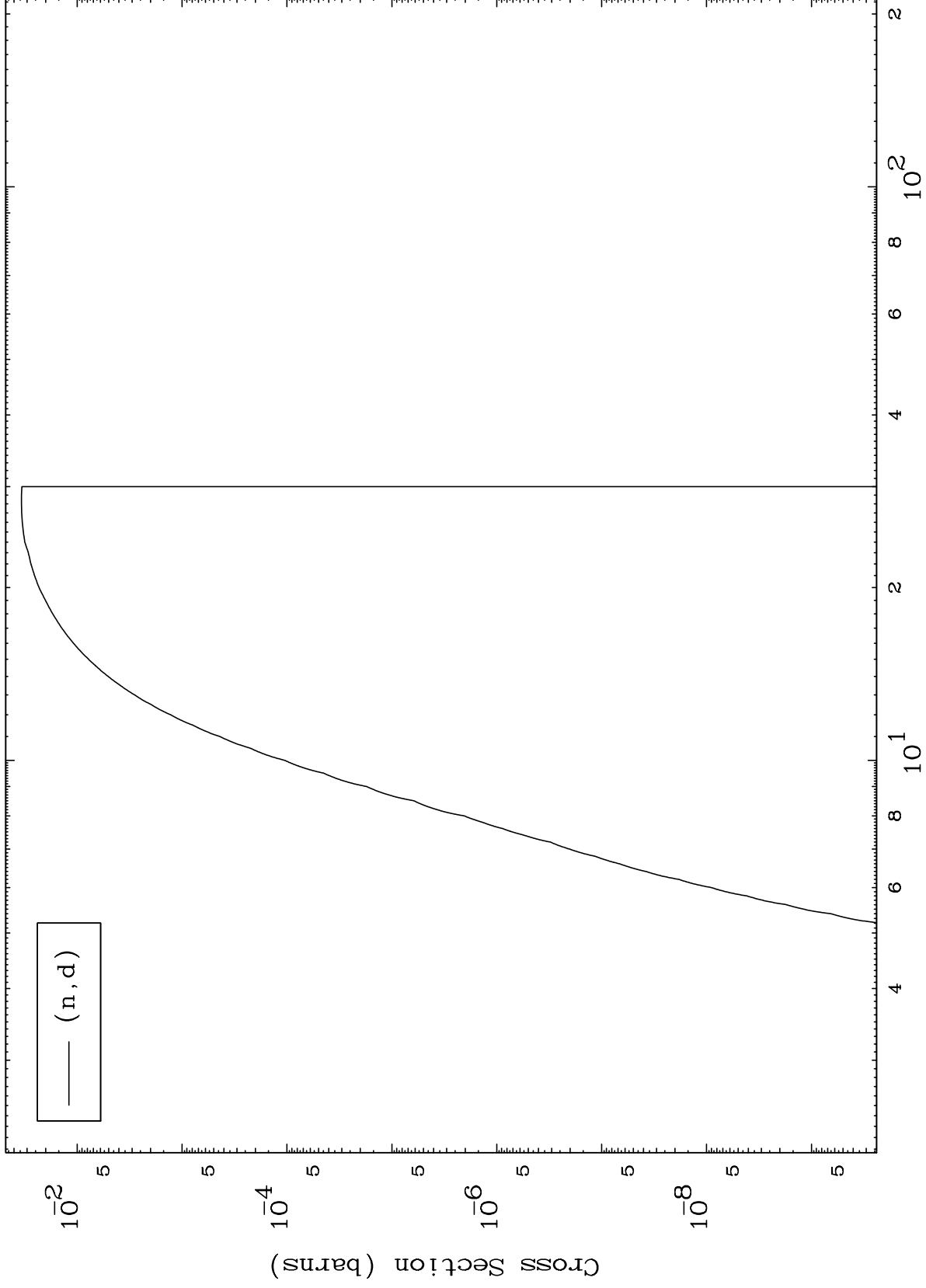
60-Nd-132



MAT 5995

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-132



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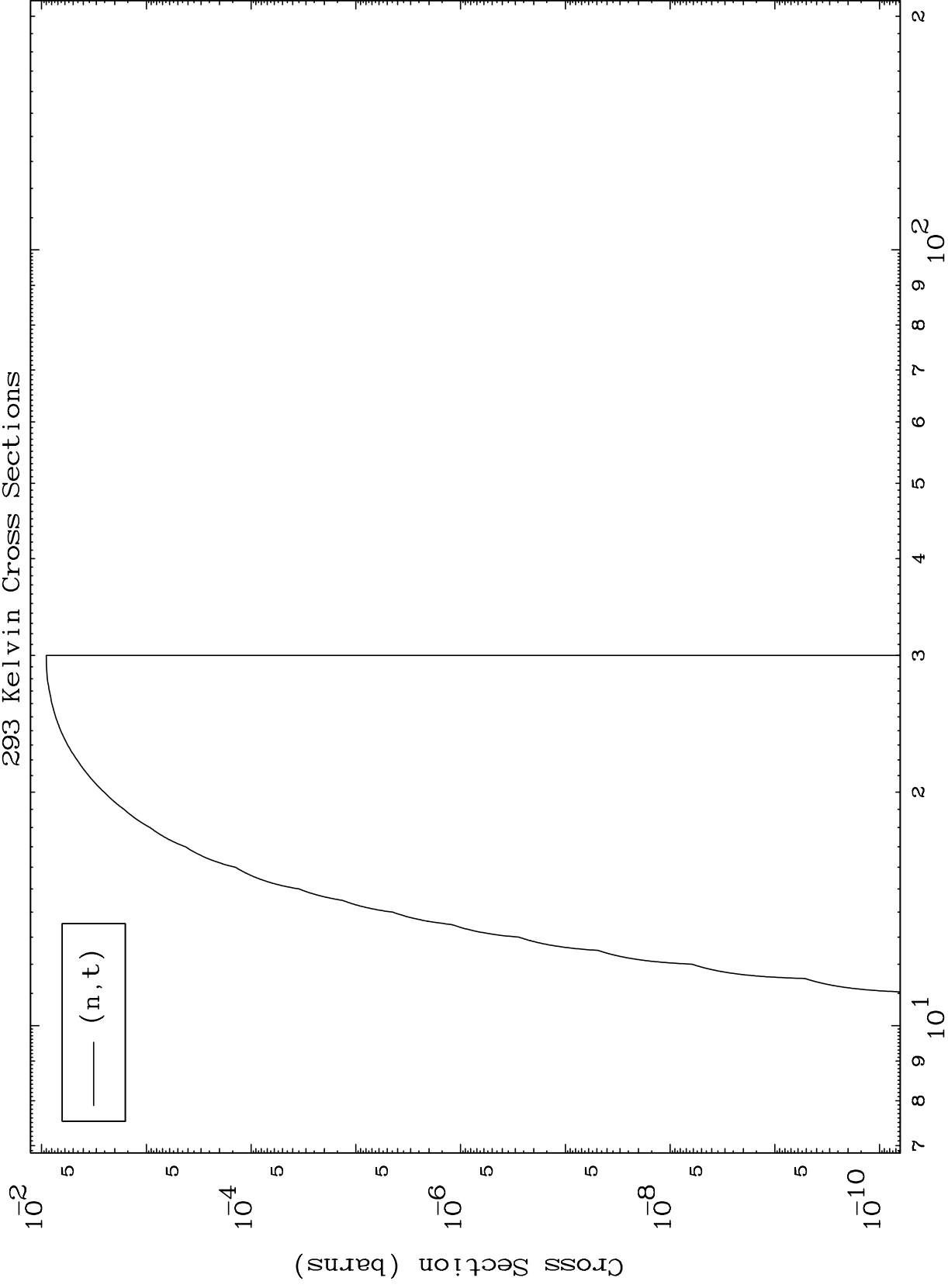
Incident Energy (MeV)

60-Nd-132

MAT 5995

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-132



Incident Energy (MeV)

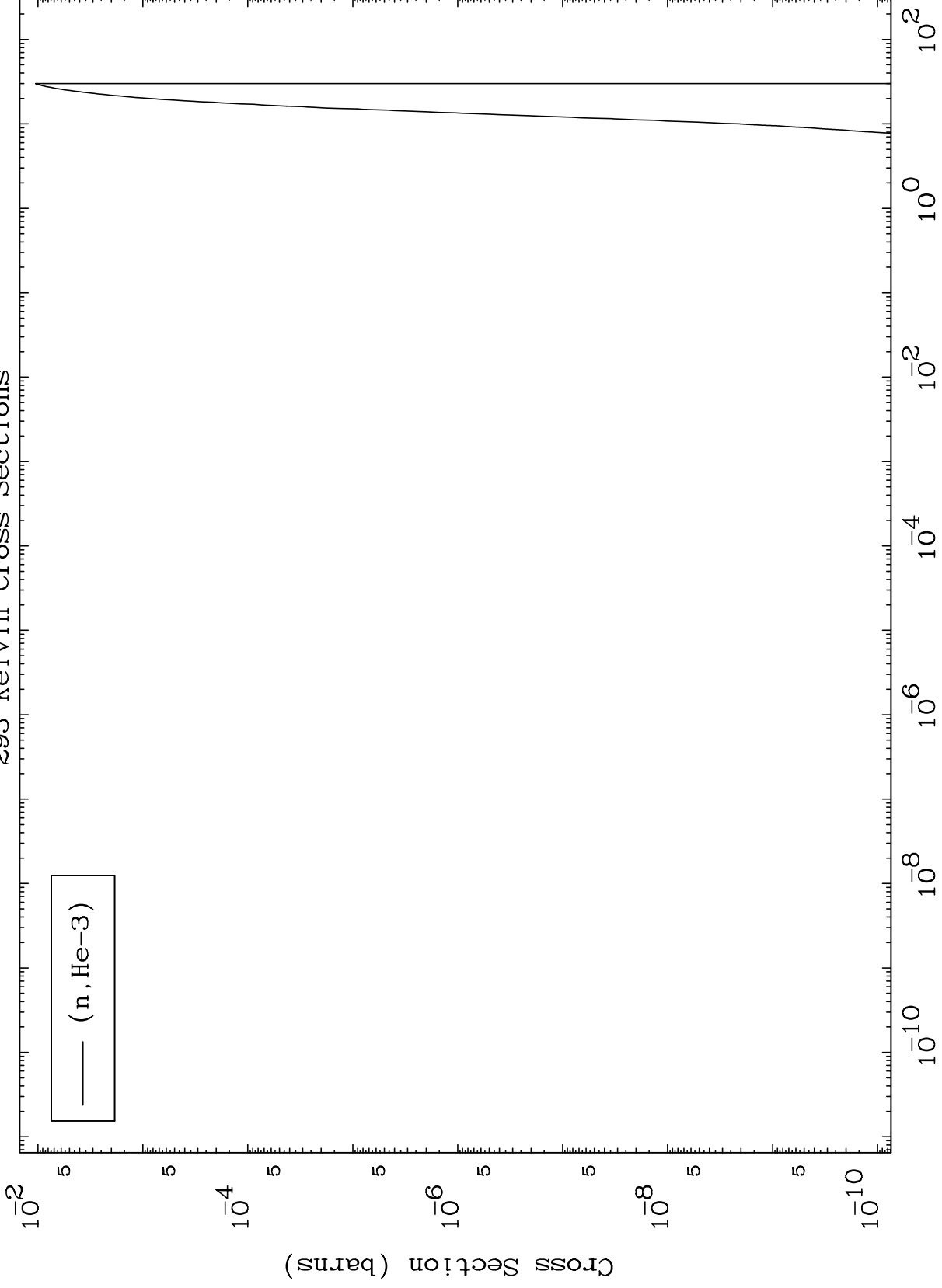
60-Nd-132

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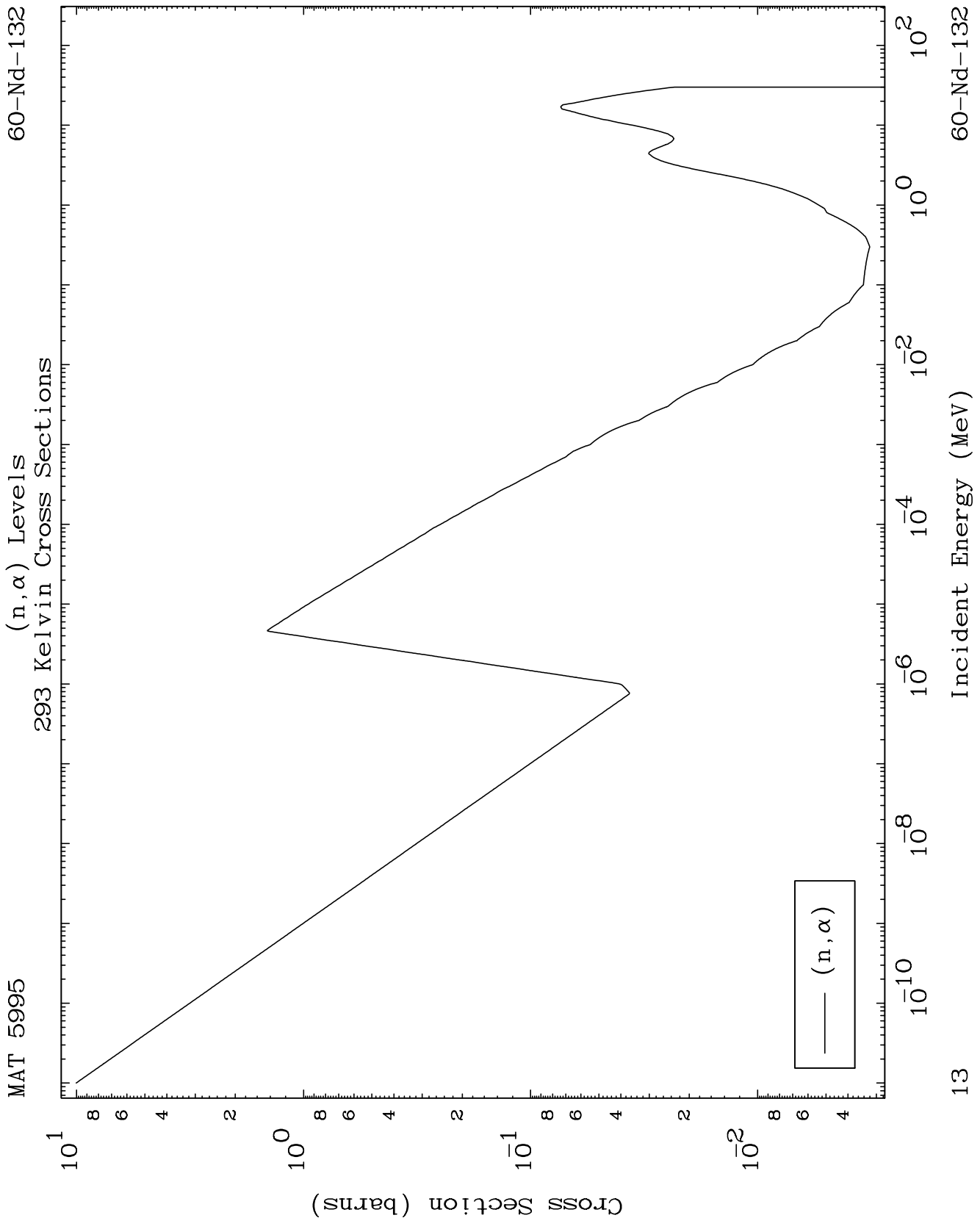
MAT 5995

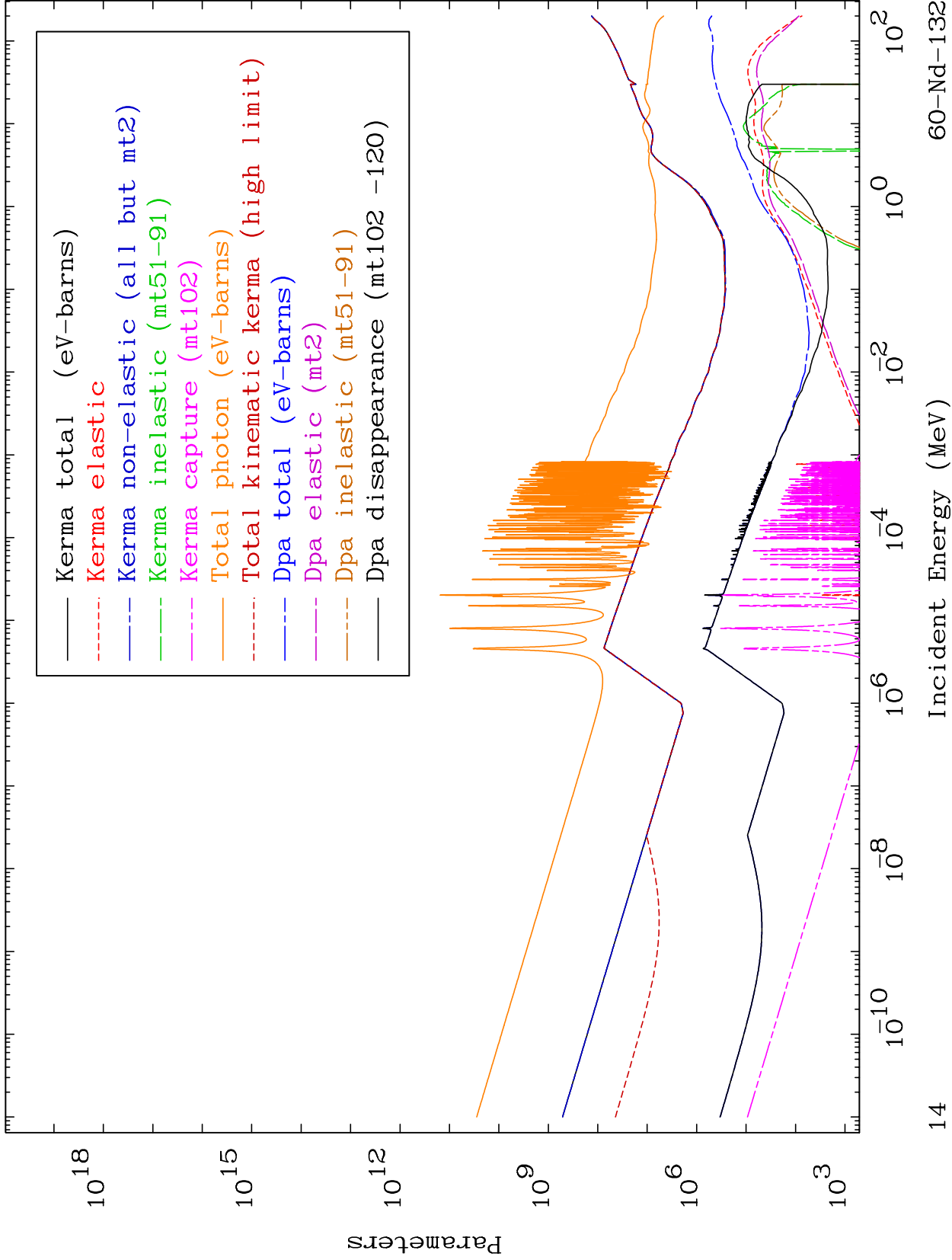
(n,He3) Levels
293 Kelvin Cross Sections

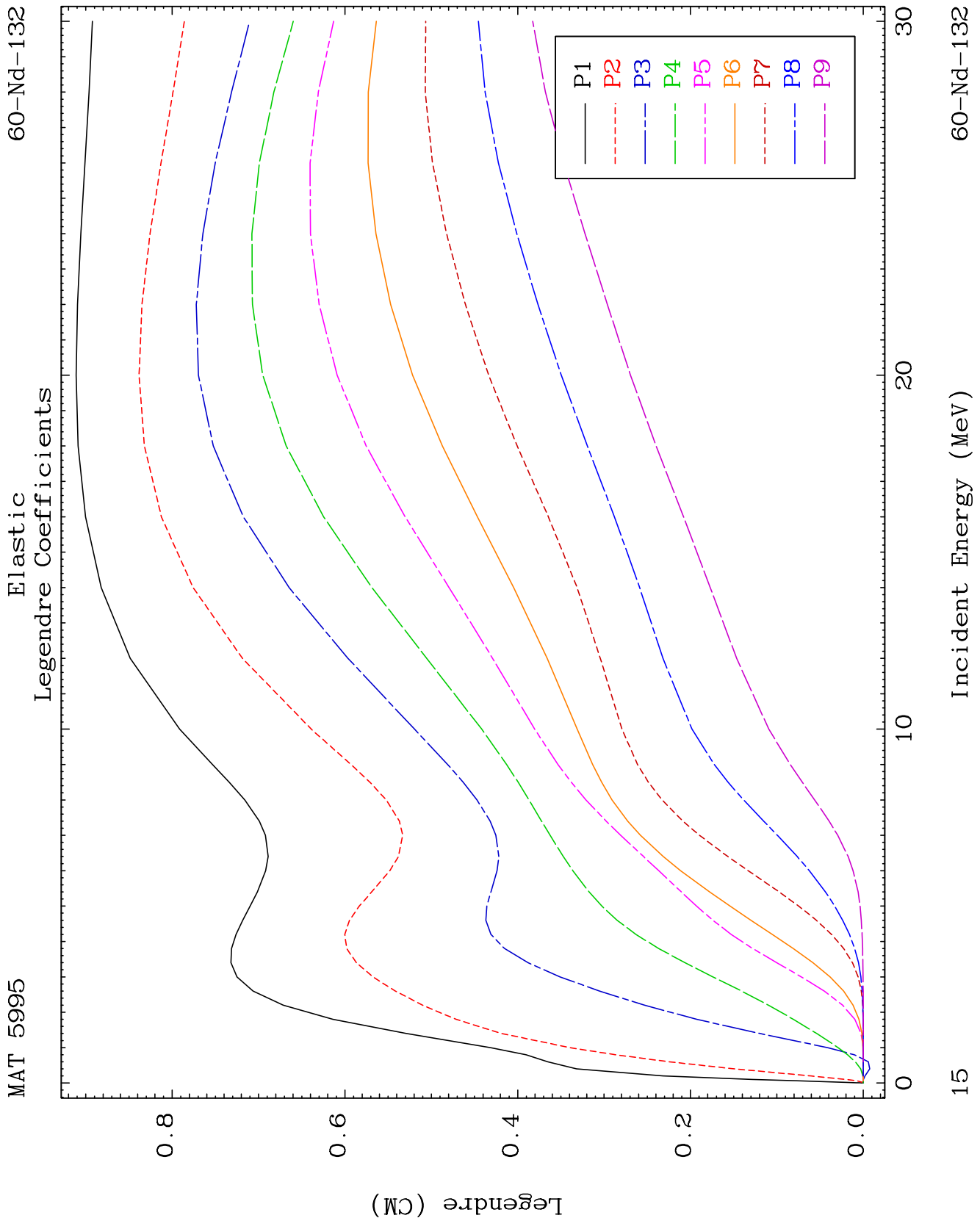
60-Nd-132

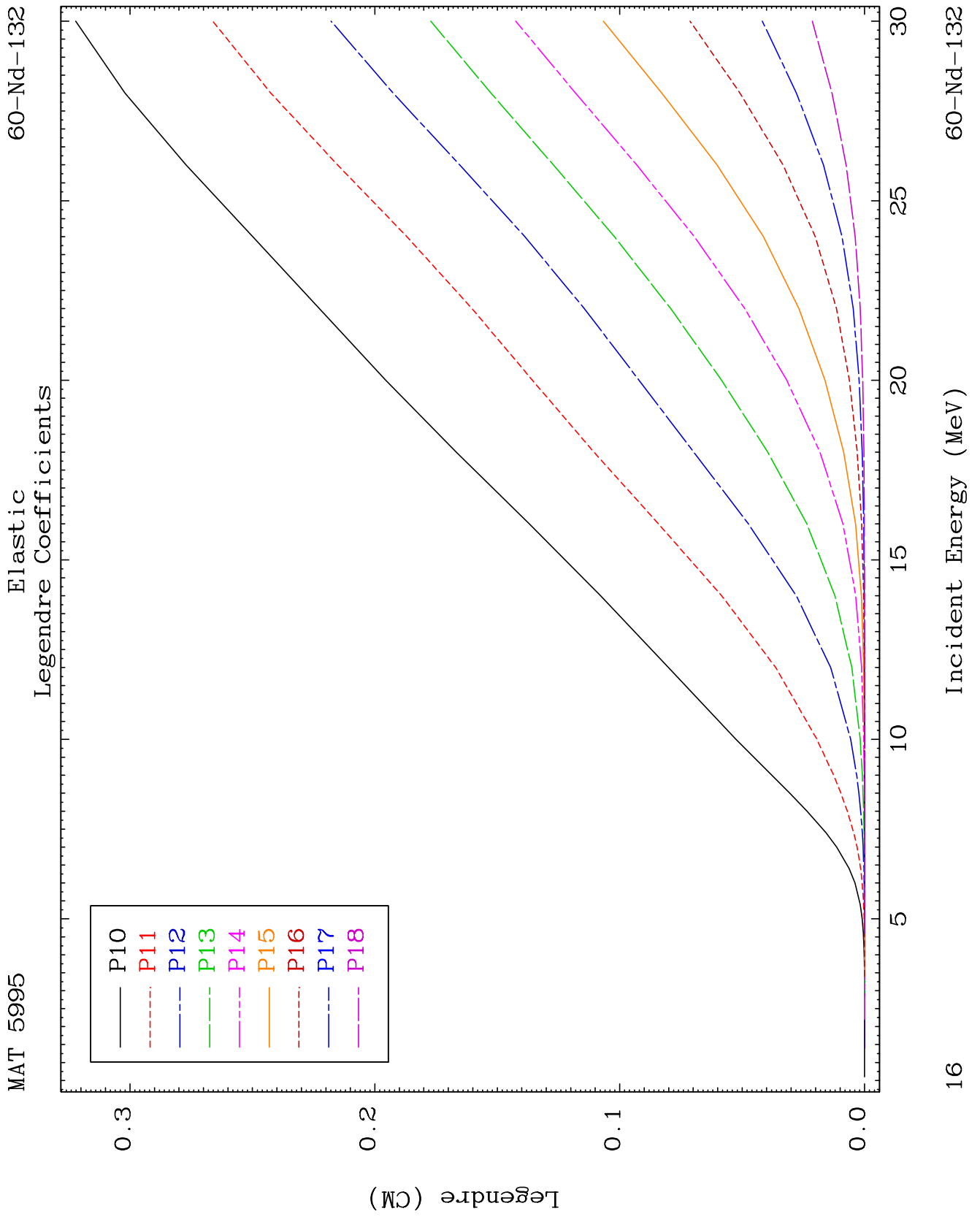


(n, He-3)





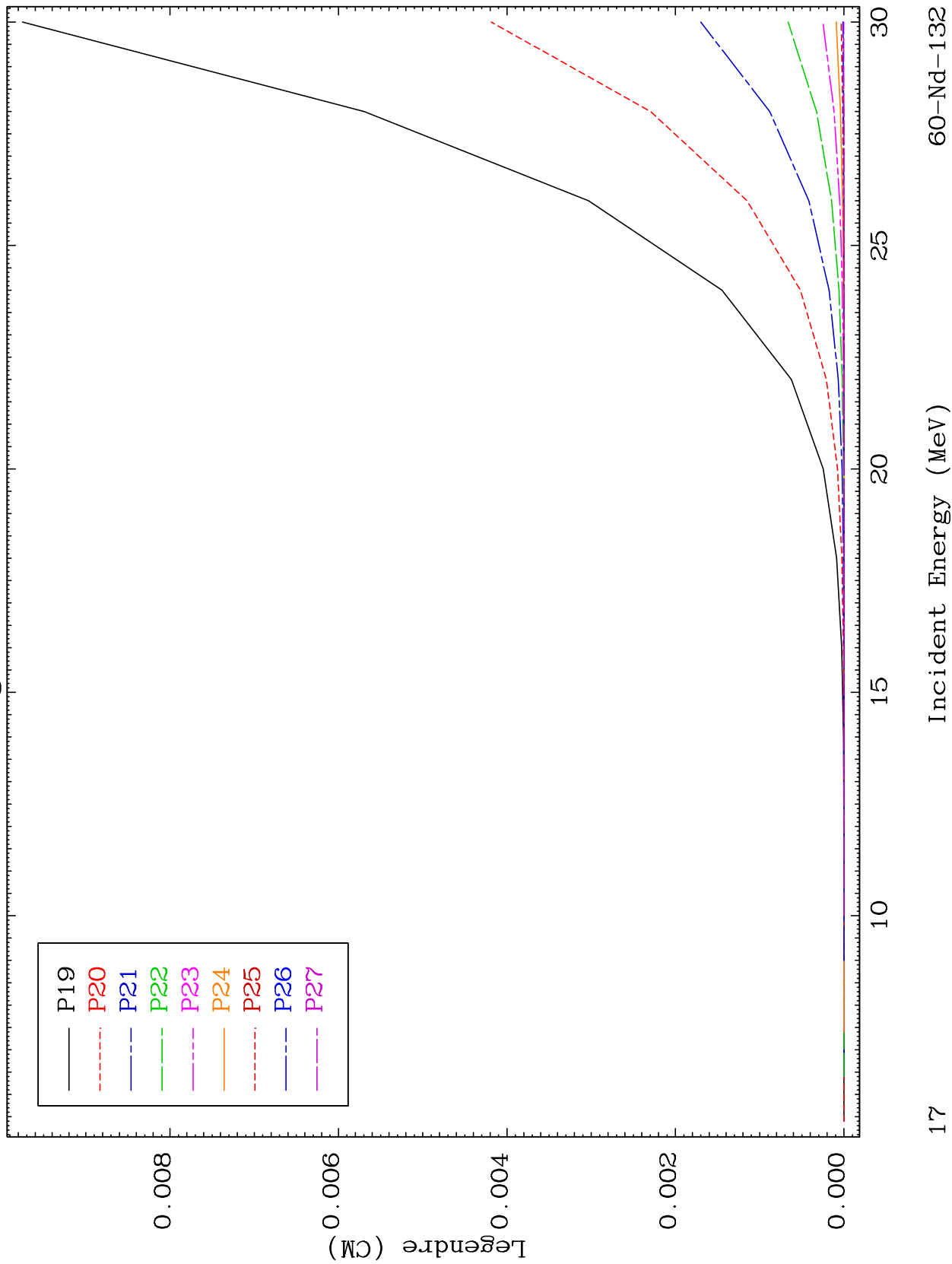




MAT 5995

Elastic Legendre Coefficients

60-Nd-132



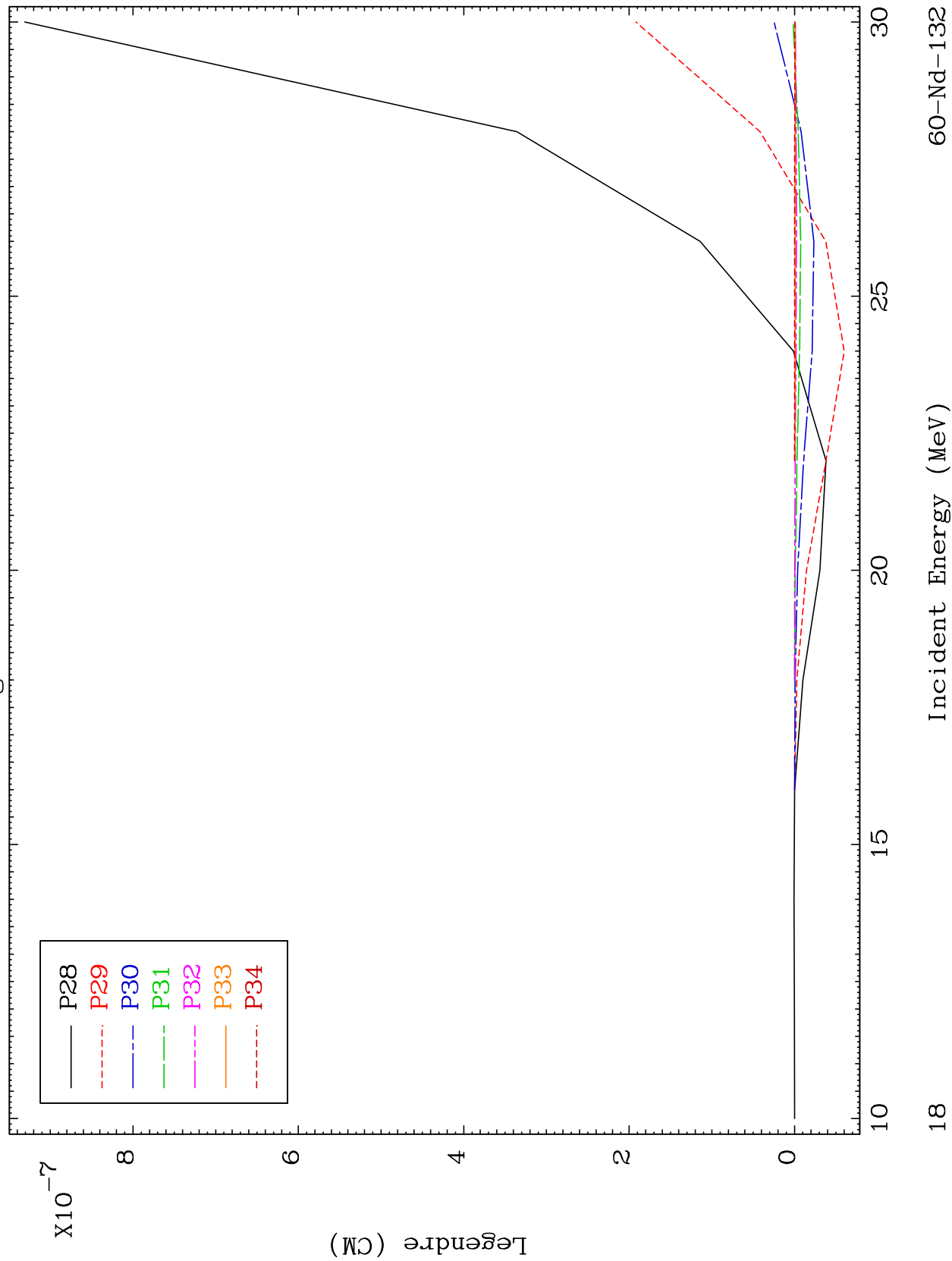
17

60-Nd-132

MAT 5995

Elastic Legendre Coefficients

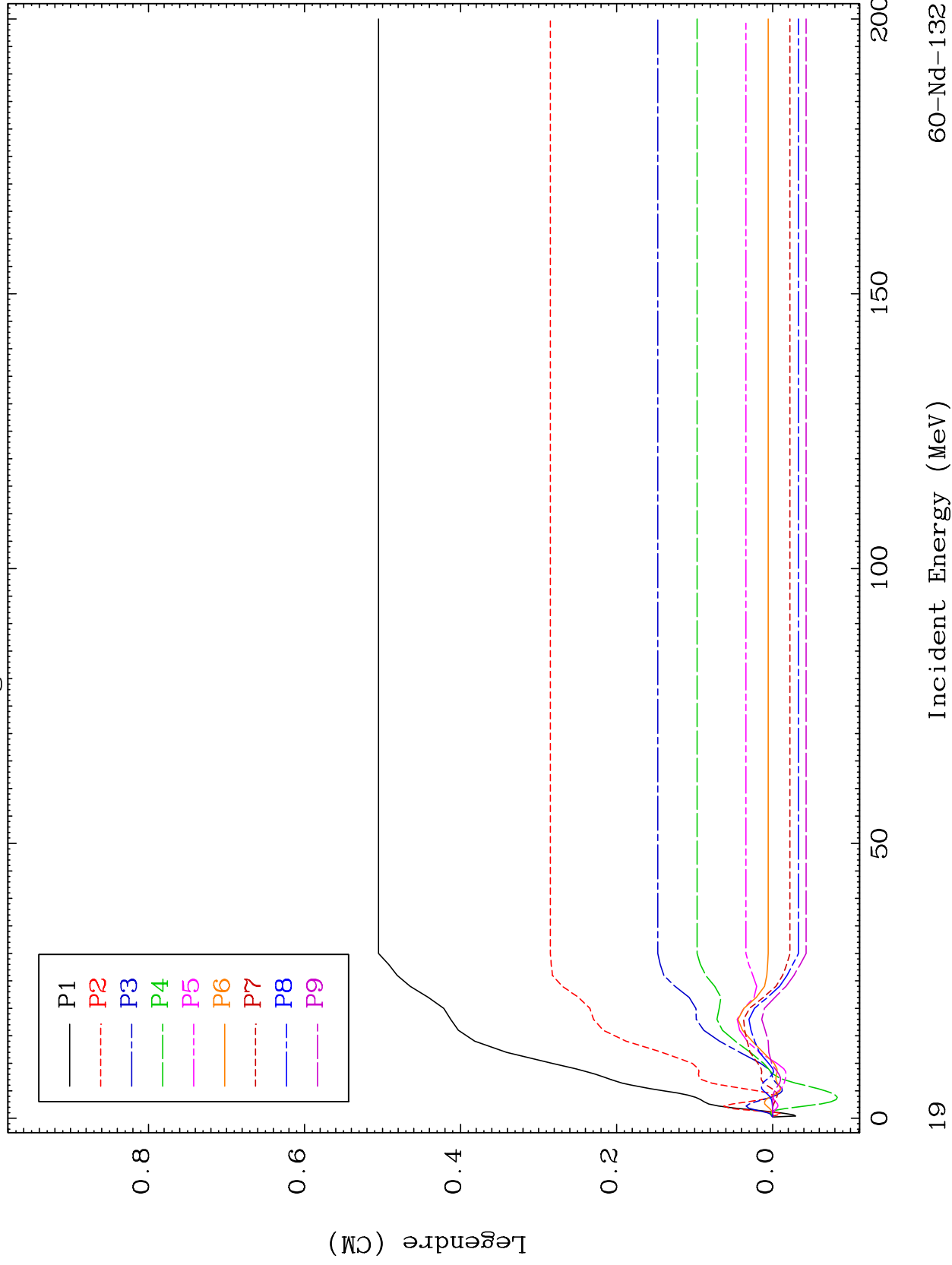
60-Nd-132



MAT 5995

213.2 keV (n,n') Level
Legendre Coefficients

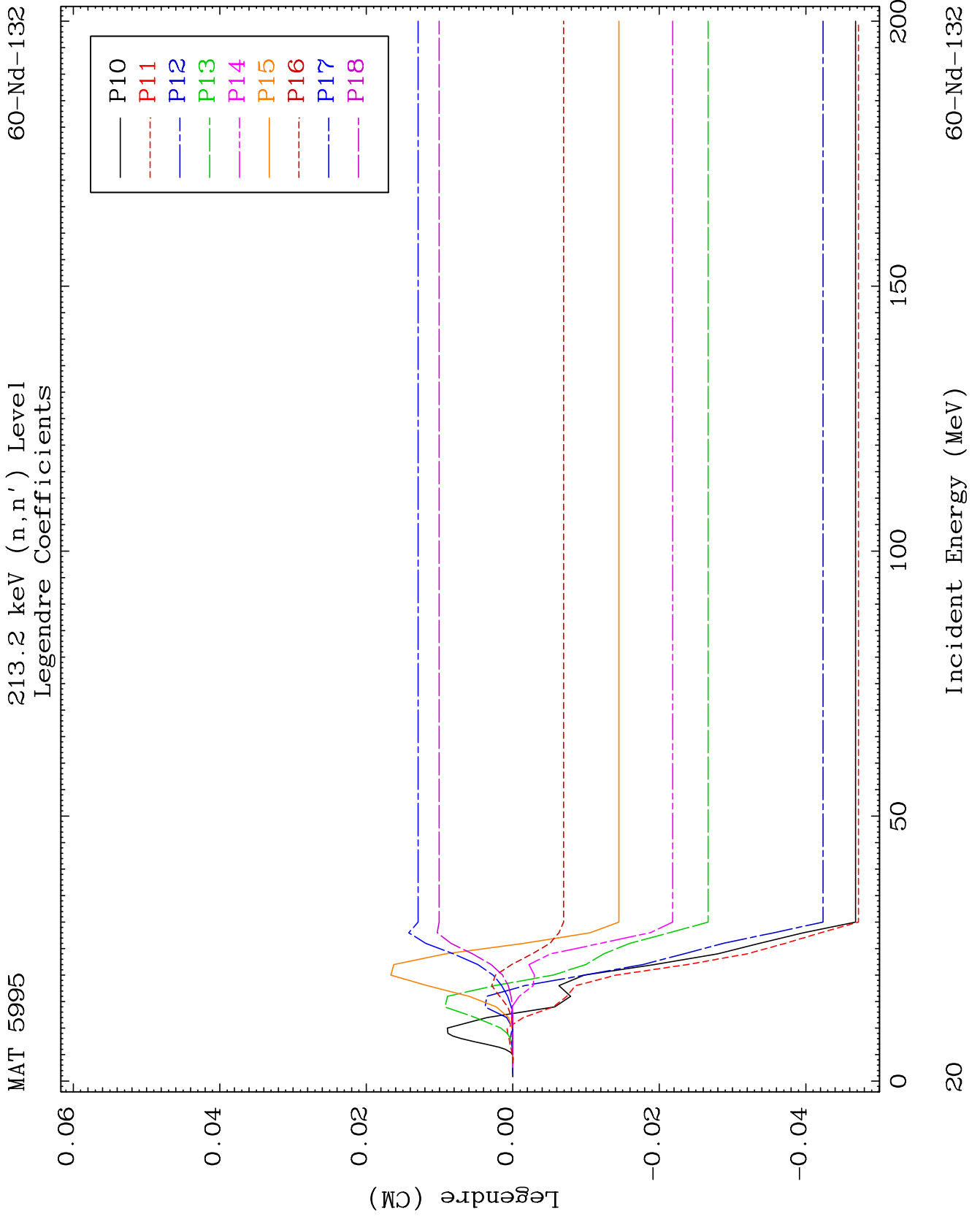
60-Nd-132



19

Incident Energy (MeV)

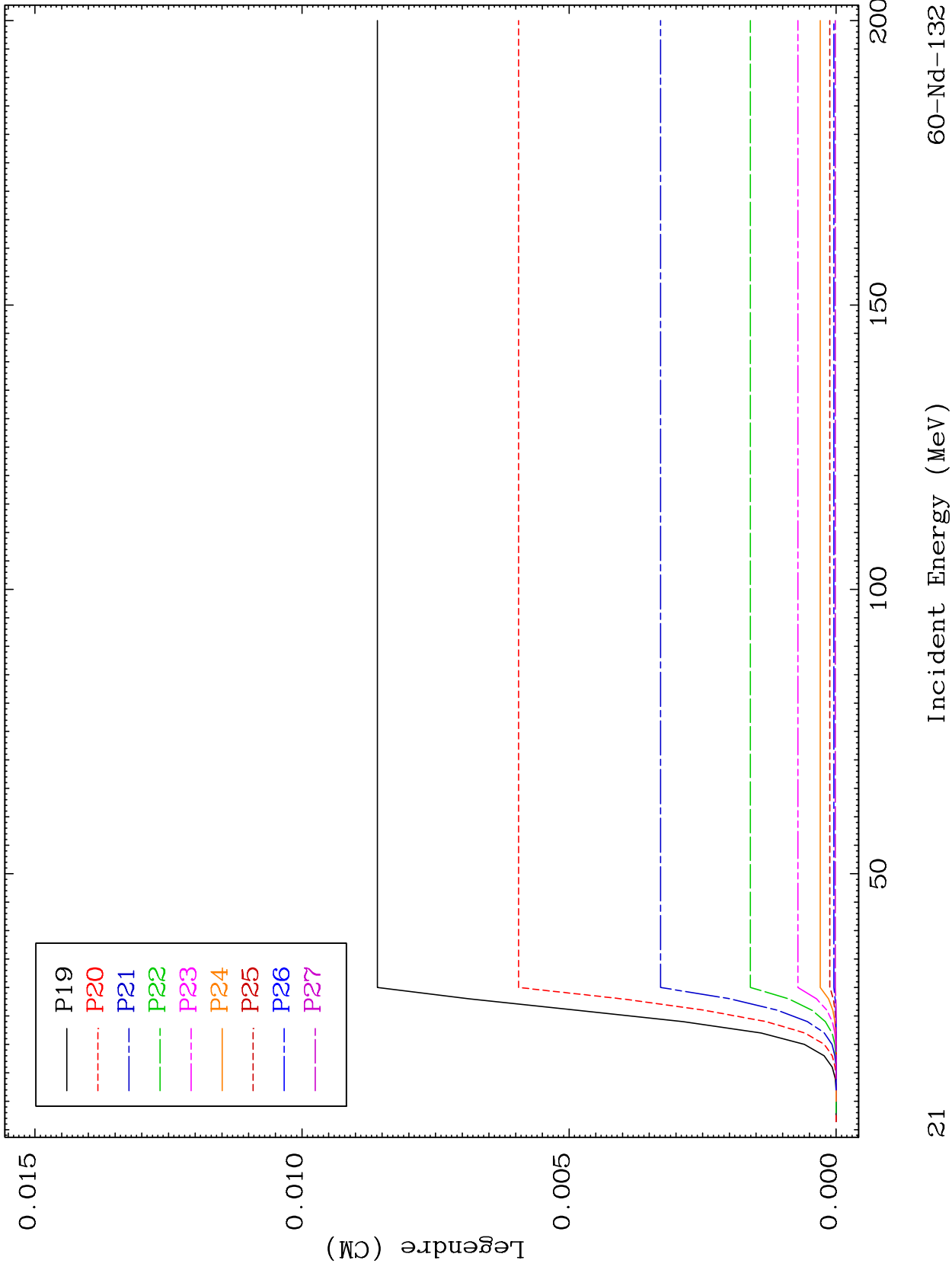
60-Nd-132

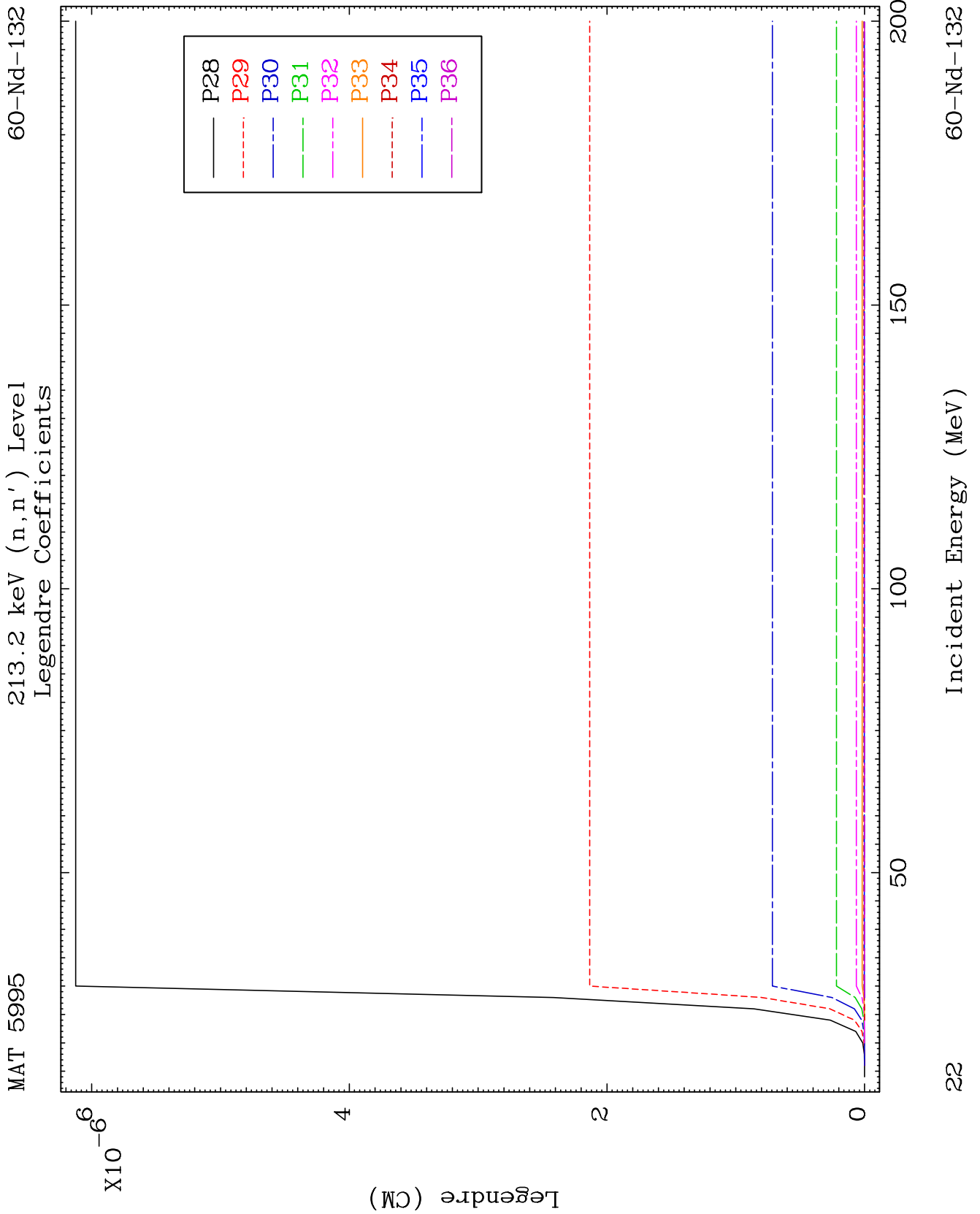


MAT 5995

213.2 keV (n,n') Level
Legendre Coefficients

60-Nd-132

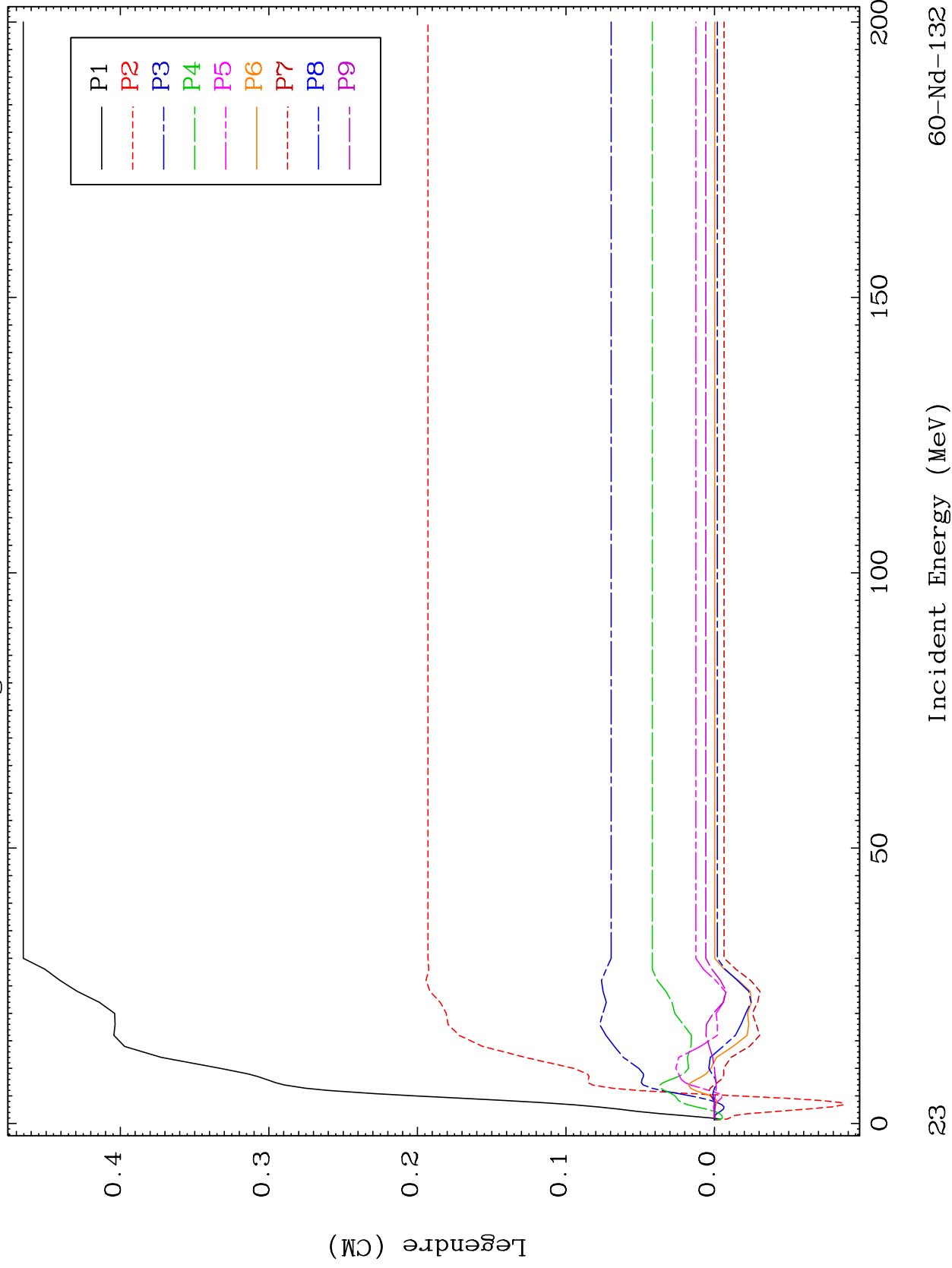




MAT 5995

610.8 keV (n,n') Level
Legendre Coefficients

60-Nd-132

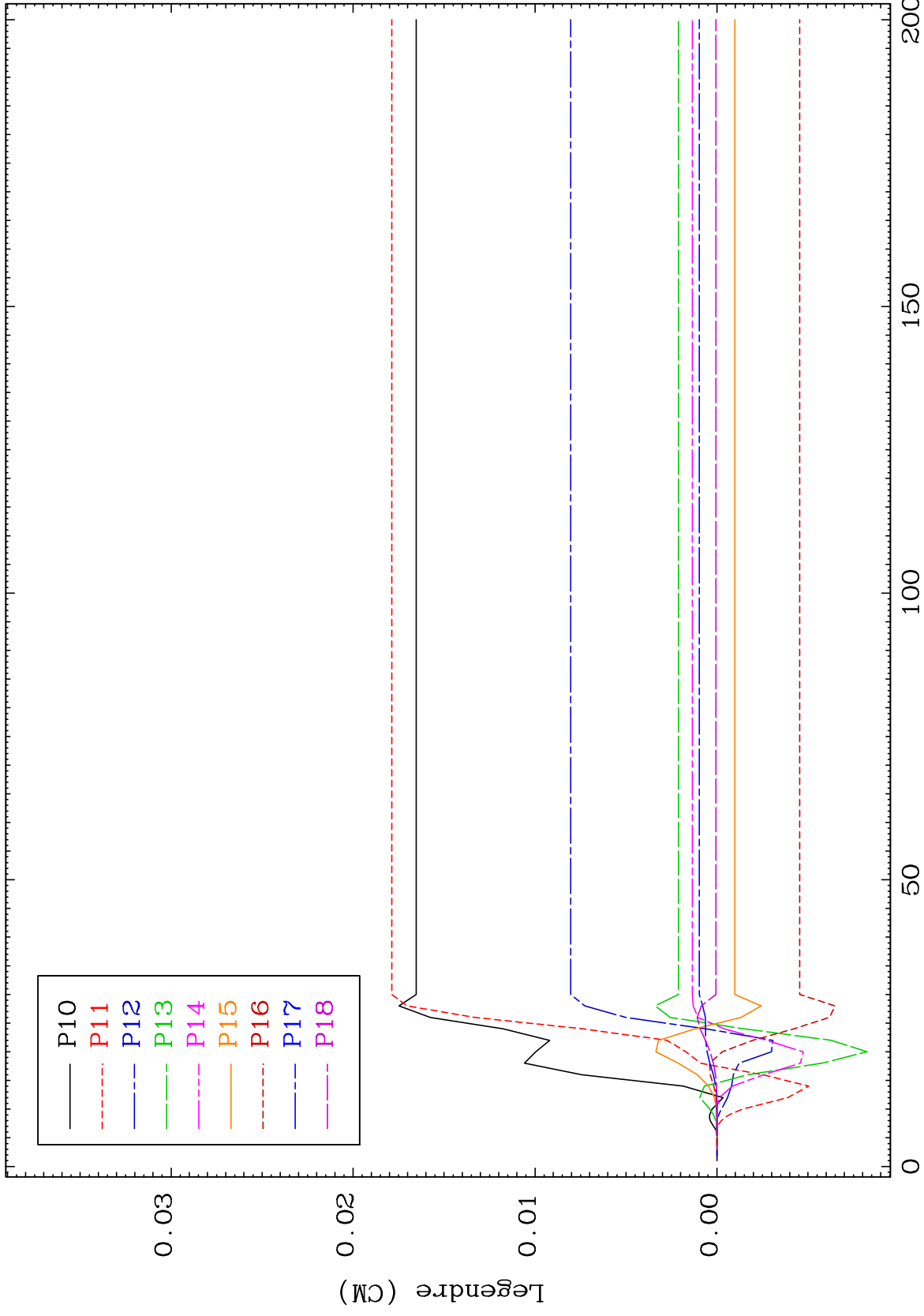


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MAT 5995

610.8 keV (n,n') Level
Legendre Coefficients

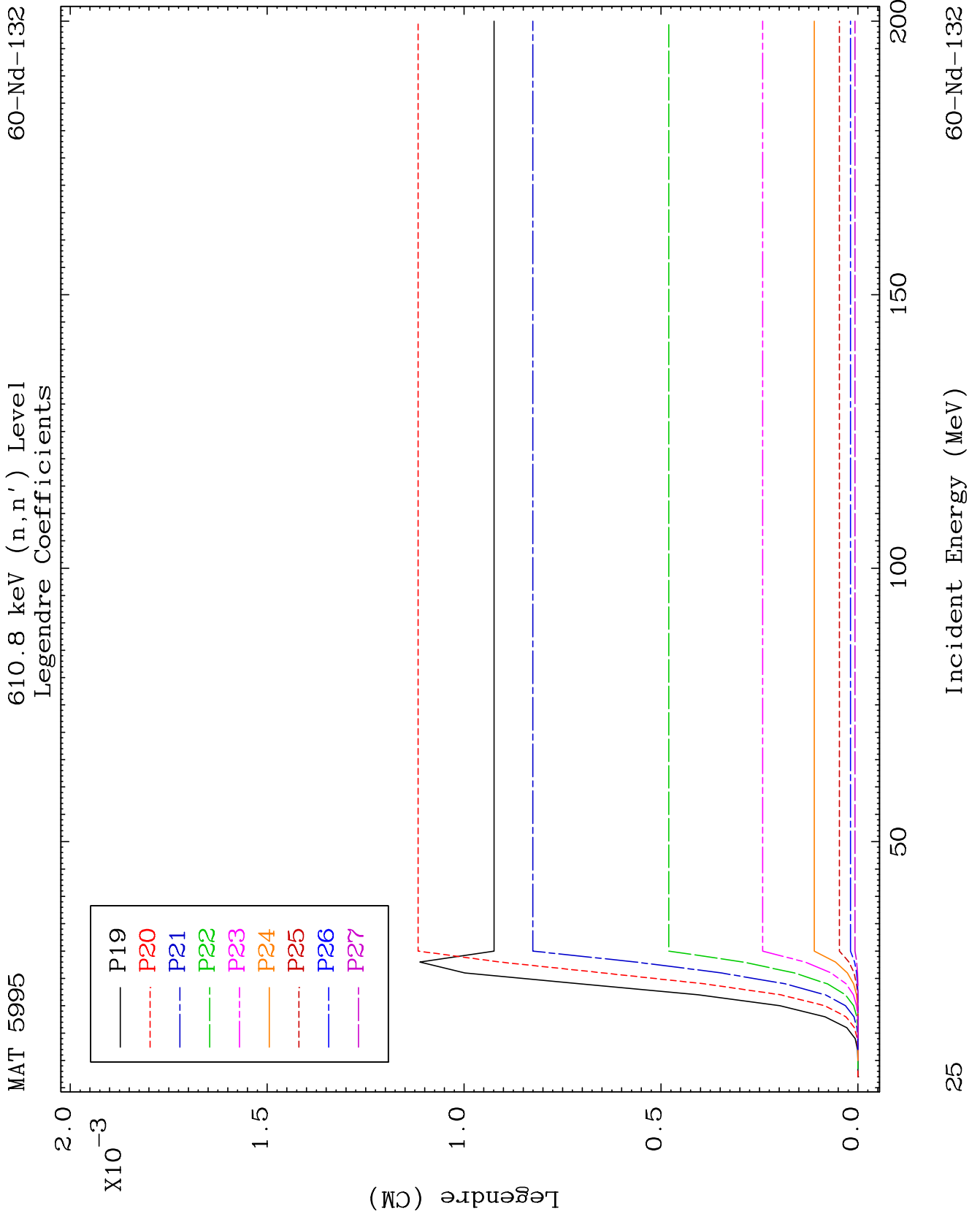
60-Nd-132



24

Incident Energy (MeV)

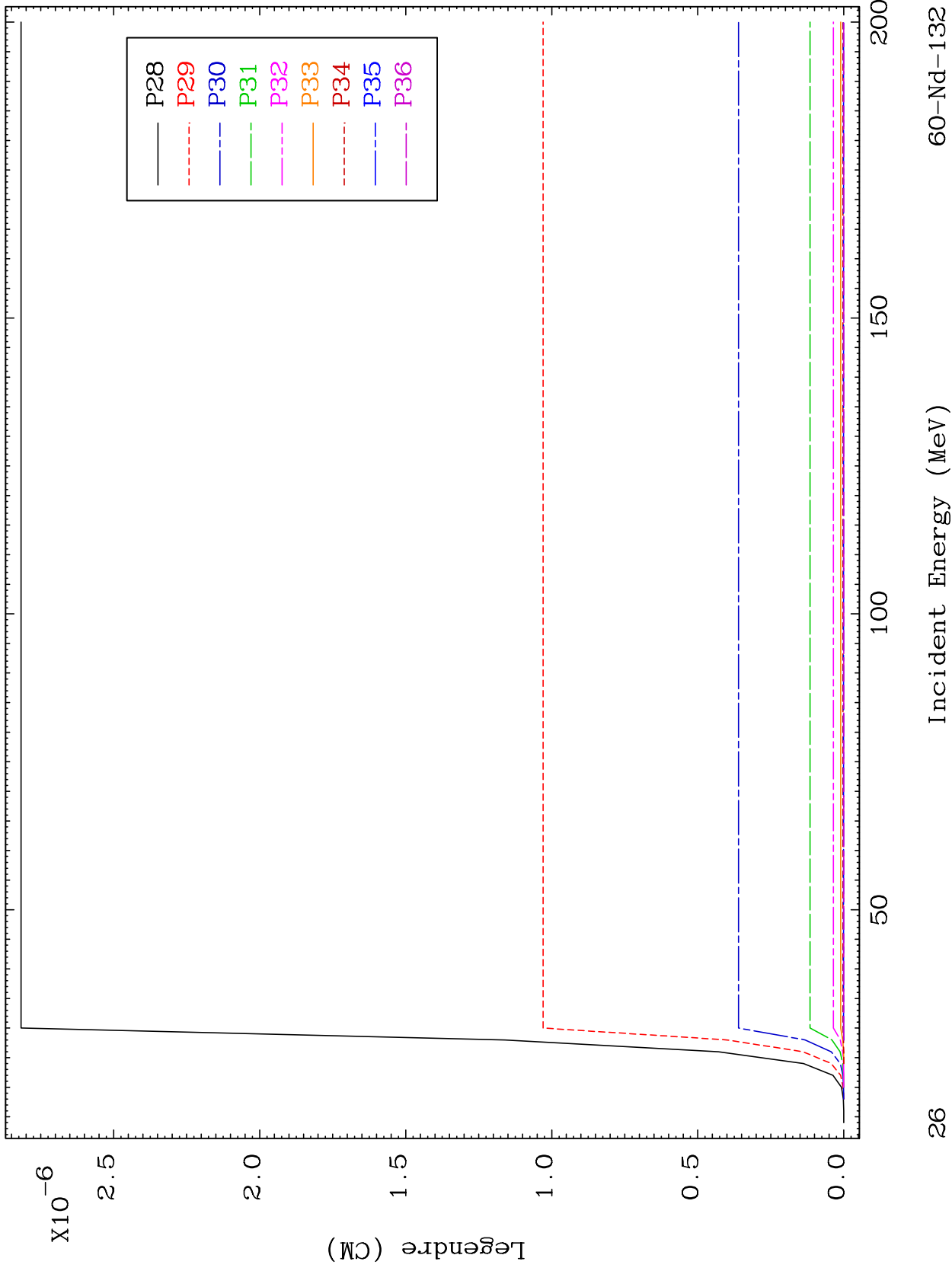
60-Nd-132



MAT 5995

610.8 keV (n,n') Level
Legendre Coefficients

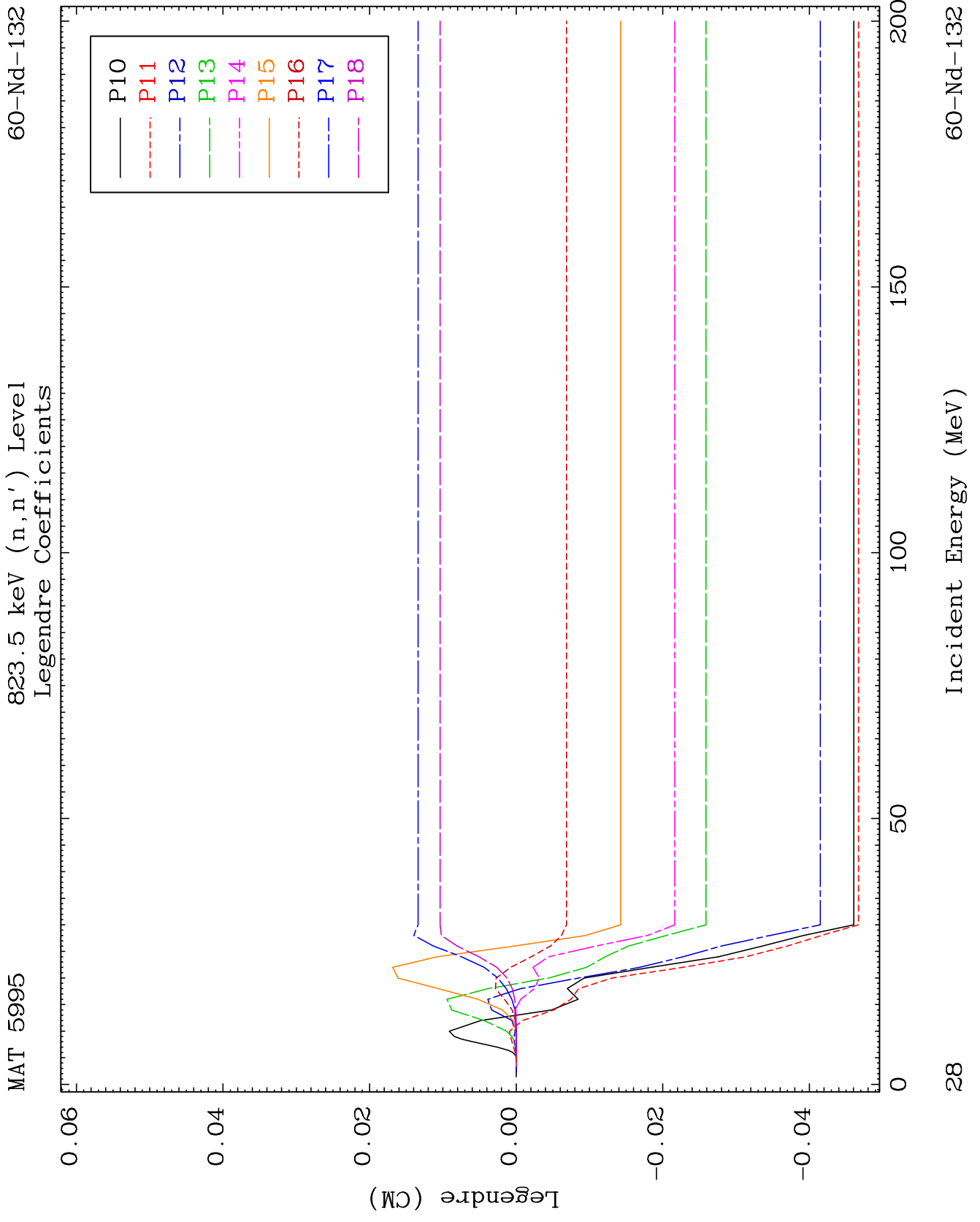
60-Nd-132



26

Incident Energy (MeV)

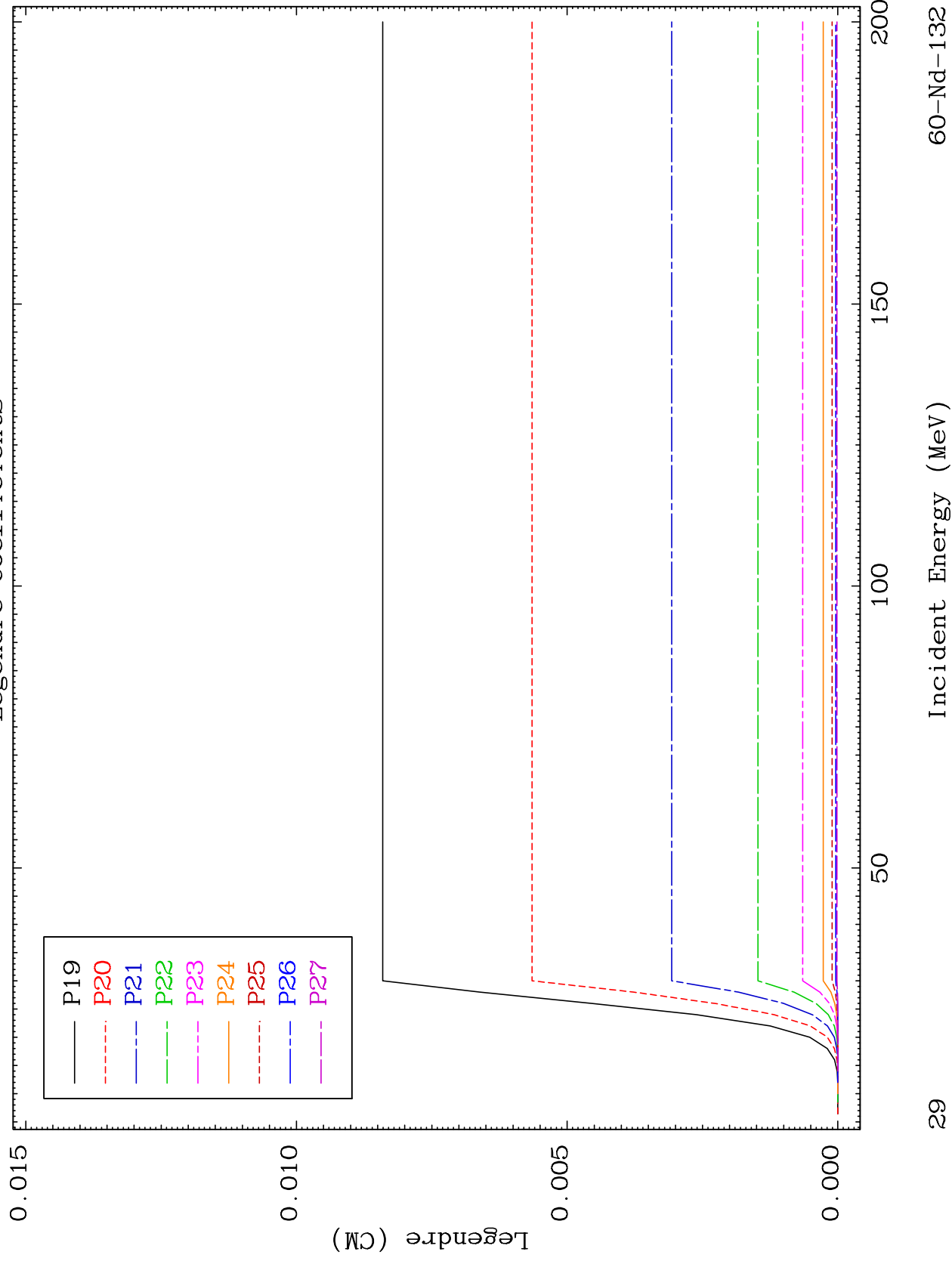
60-Nd-132



MAT 5995

823.5 keV (n,n') Level
Legendre Coefficients

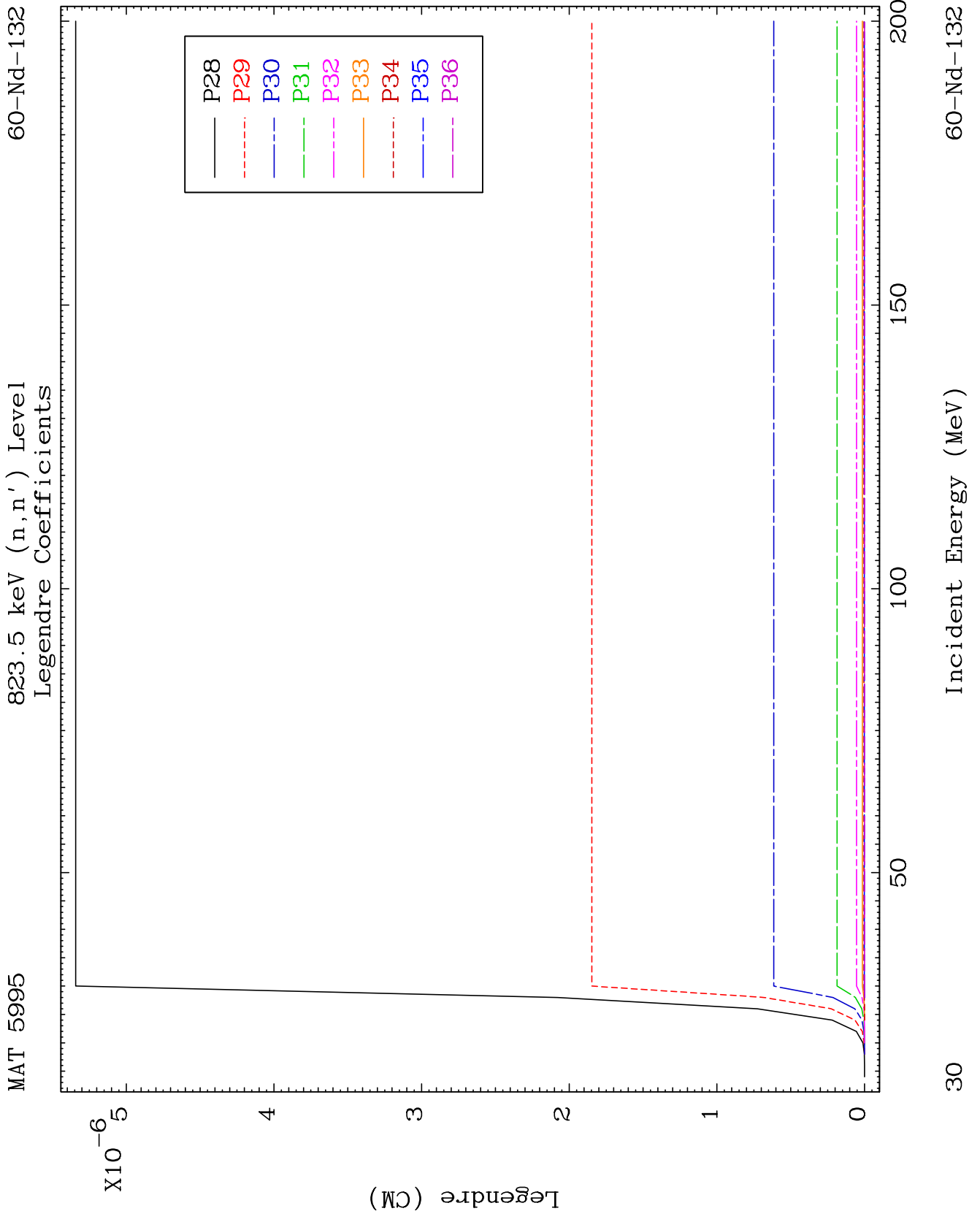
60-Nd-132



29

Incident Energy (MeV)

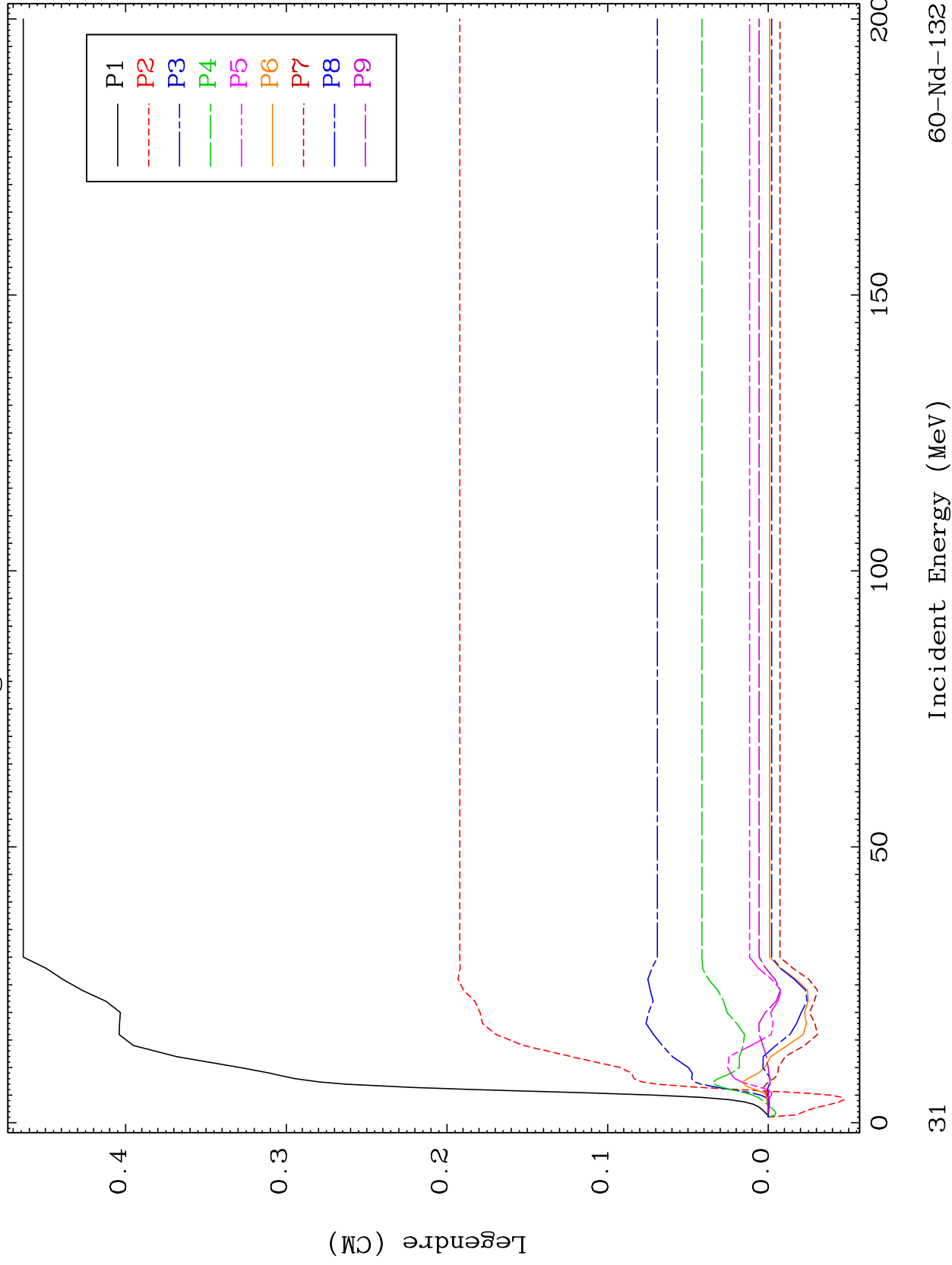
60-Nd-132



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1.022 MeV (n,n') Level
Legendre Coefficients

60-Nd-132



31

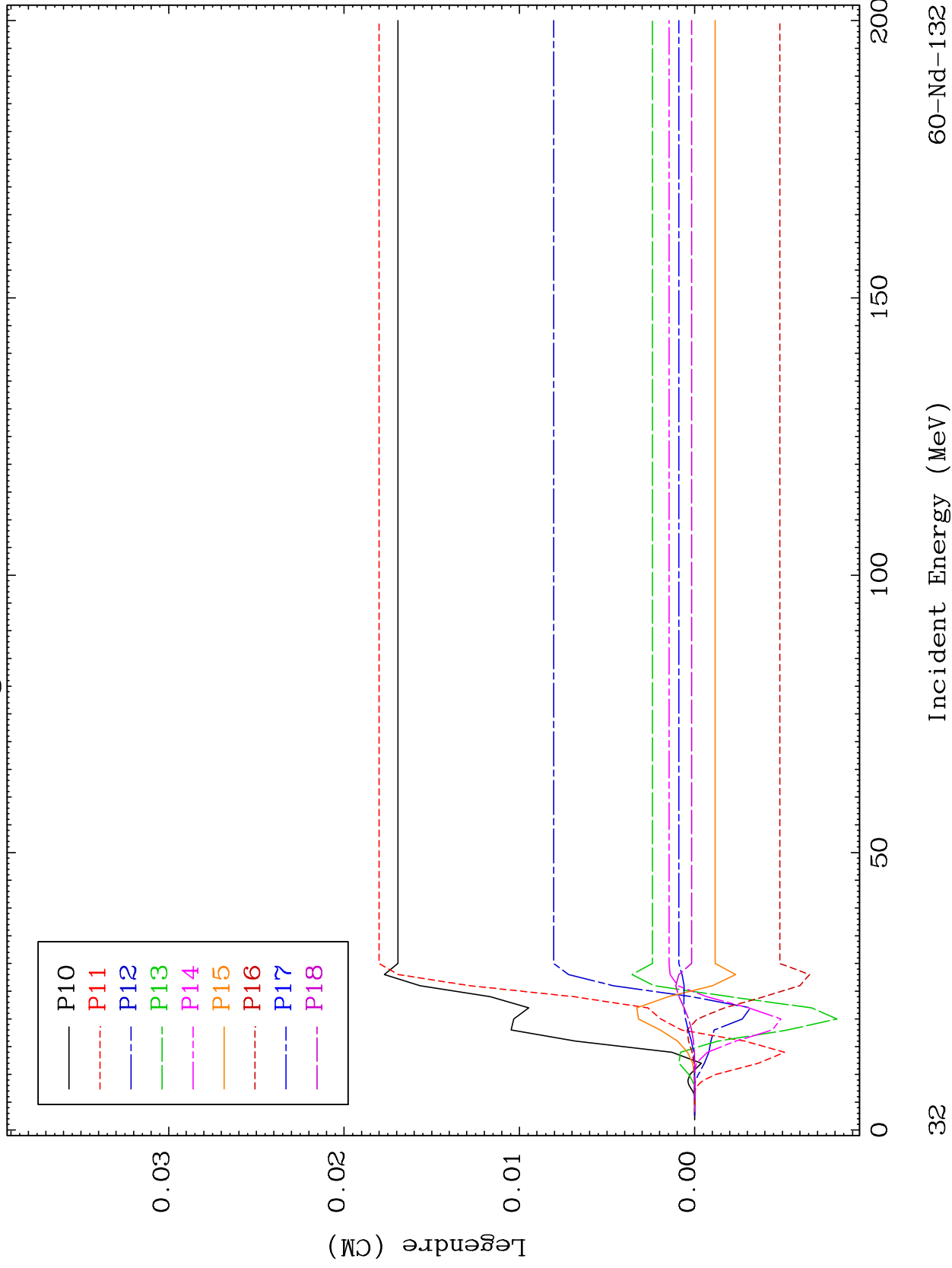
Incident Energy (MeV)

60-Nd-132

MAT 5995

1.022 MeV (n,n') Level
Legendre Coefficients

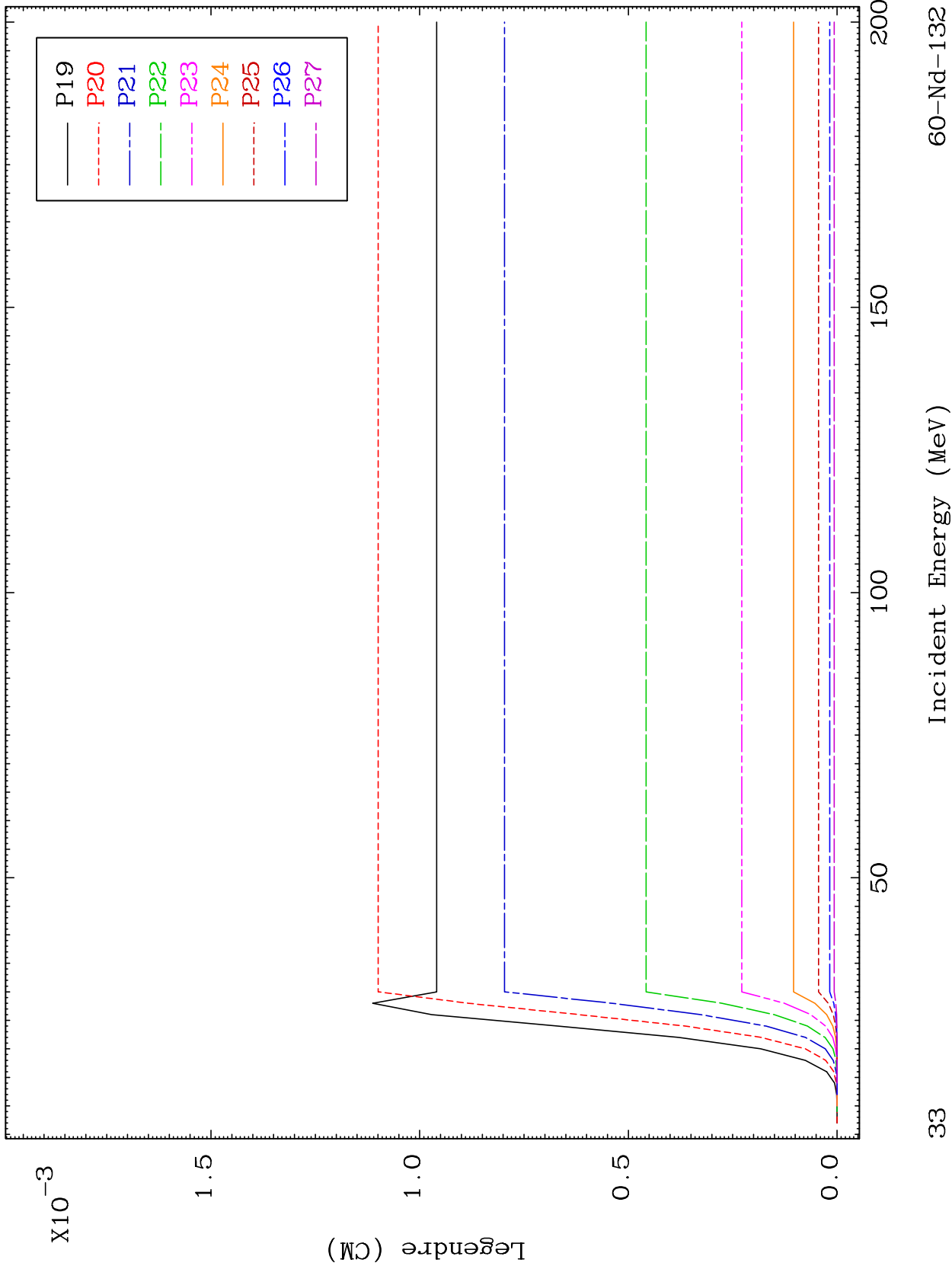
60-Nd-132

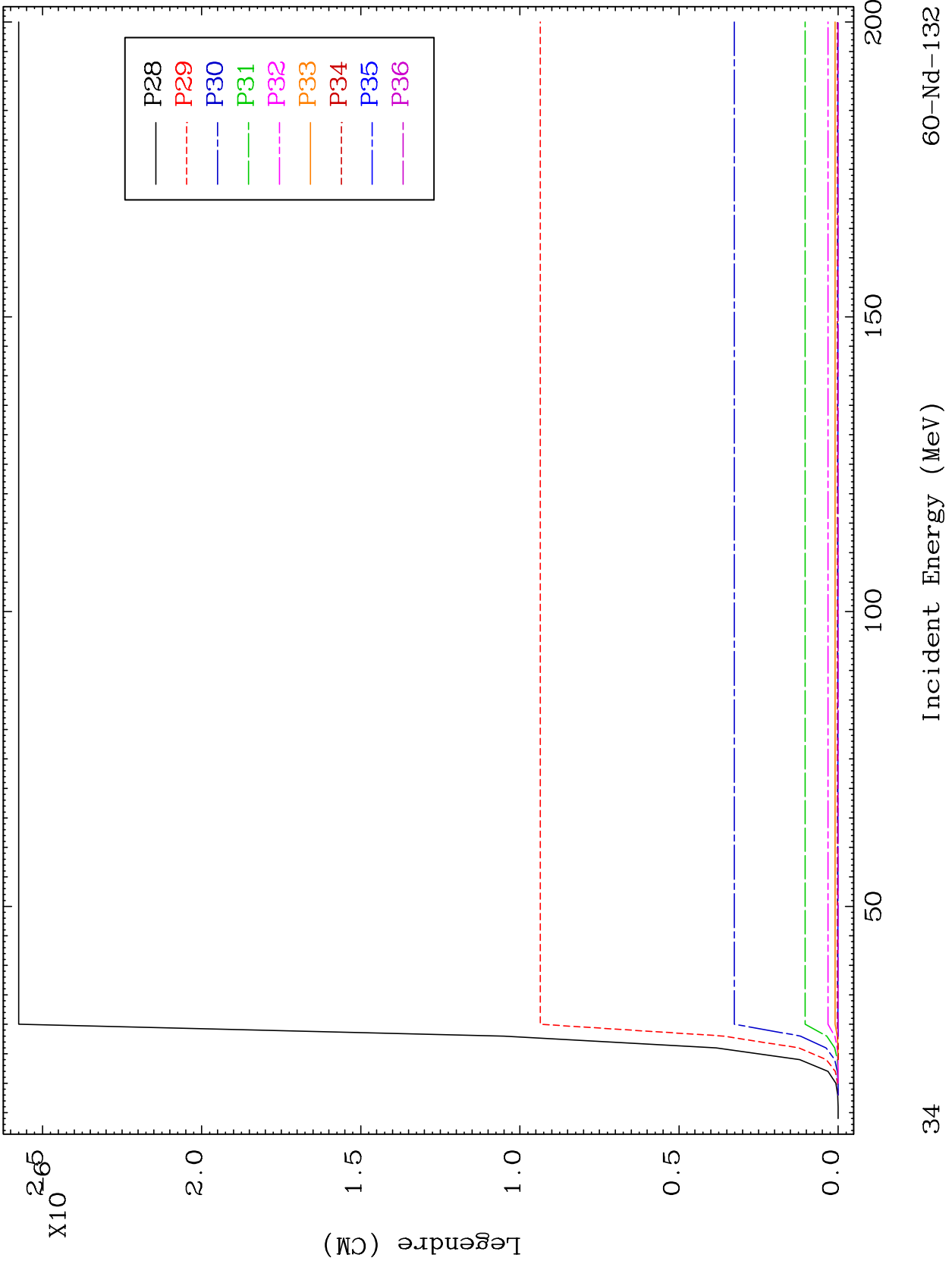


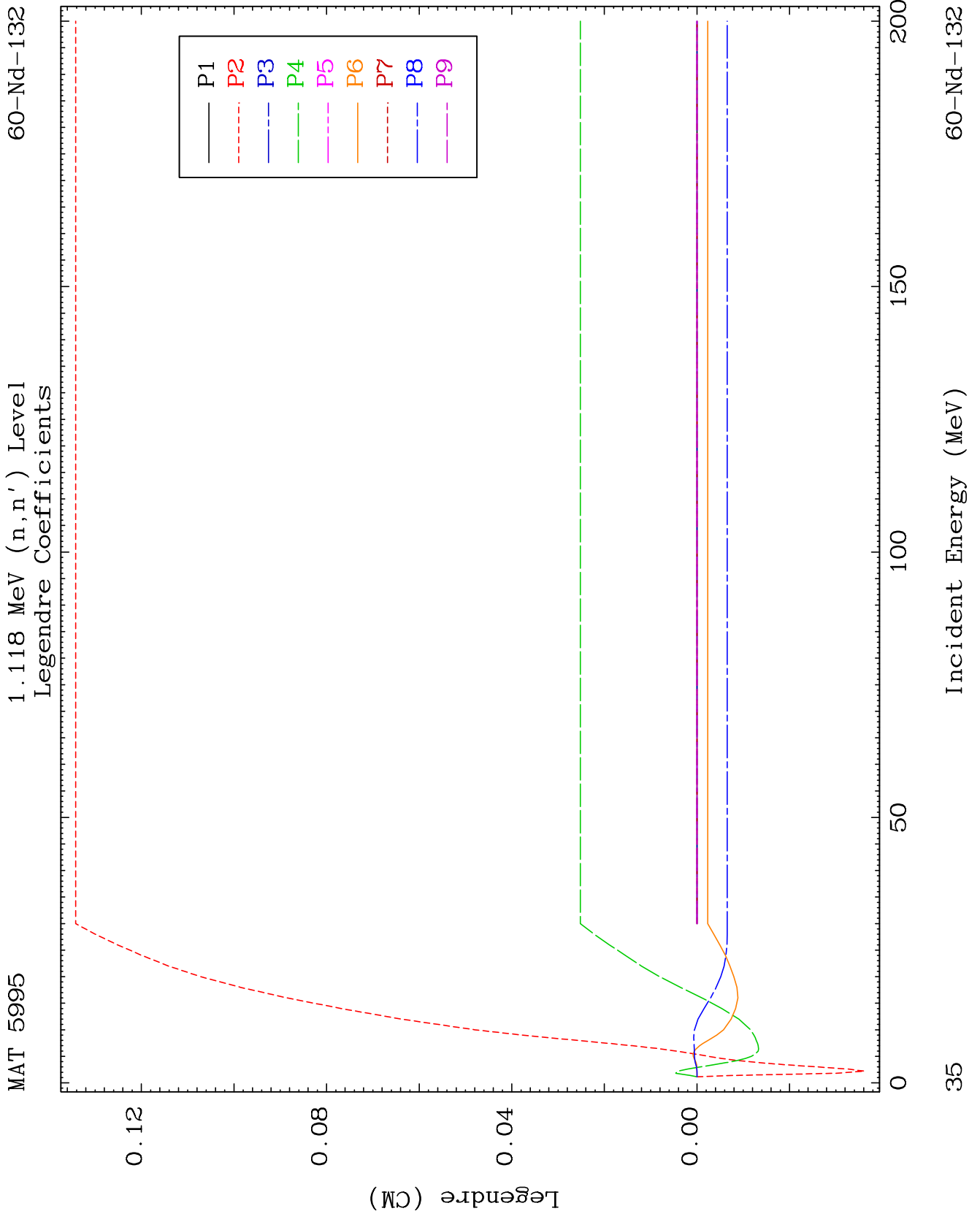
60-Nd-132

Incident Energy (MeV)

32



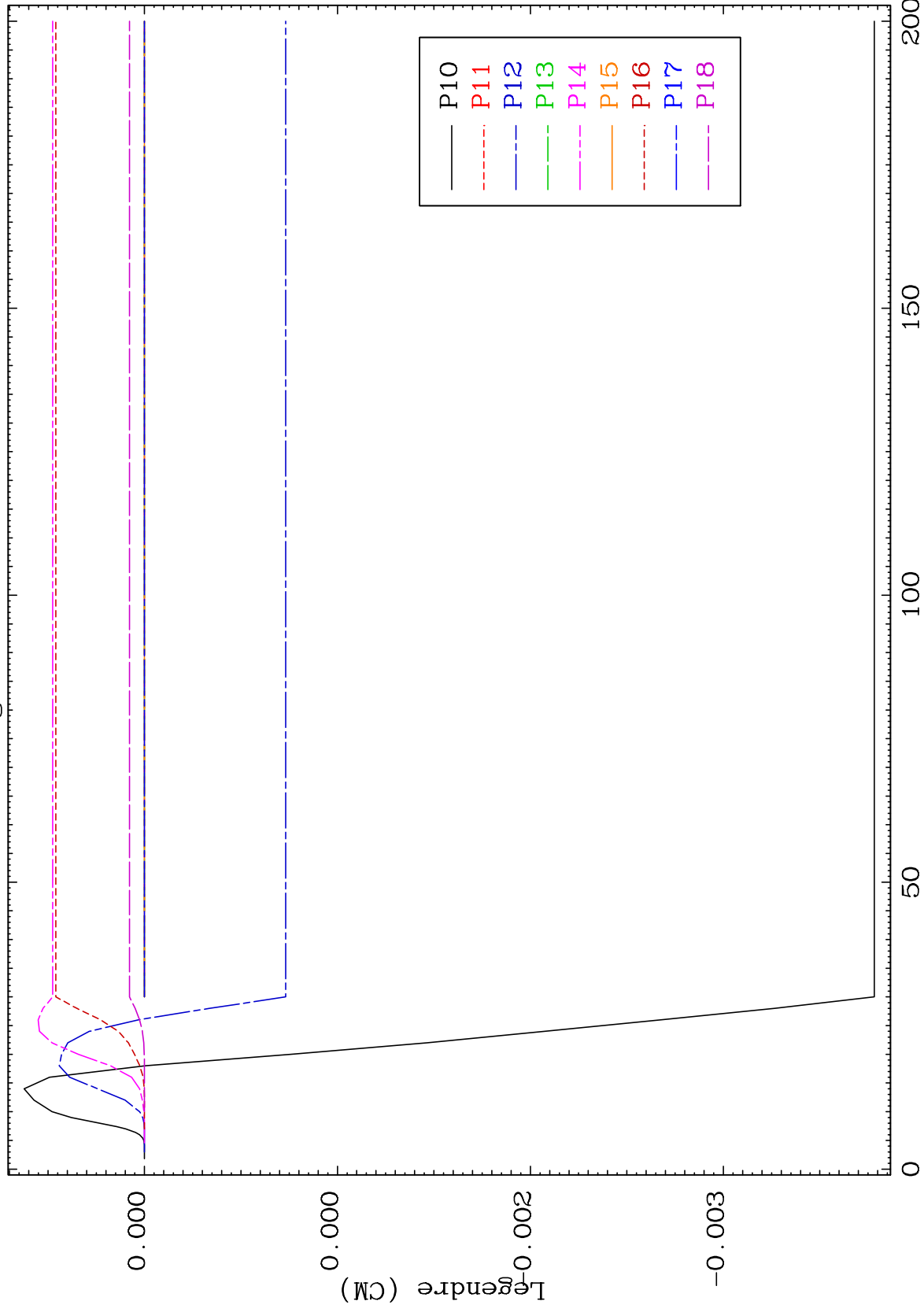




MAT 5995

1.118 MeV (n,n') Level
Legendre Coefficients

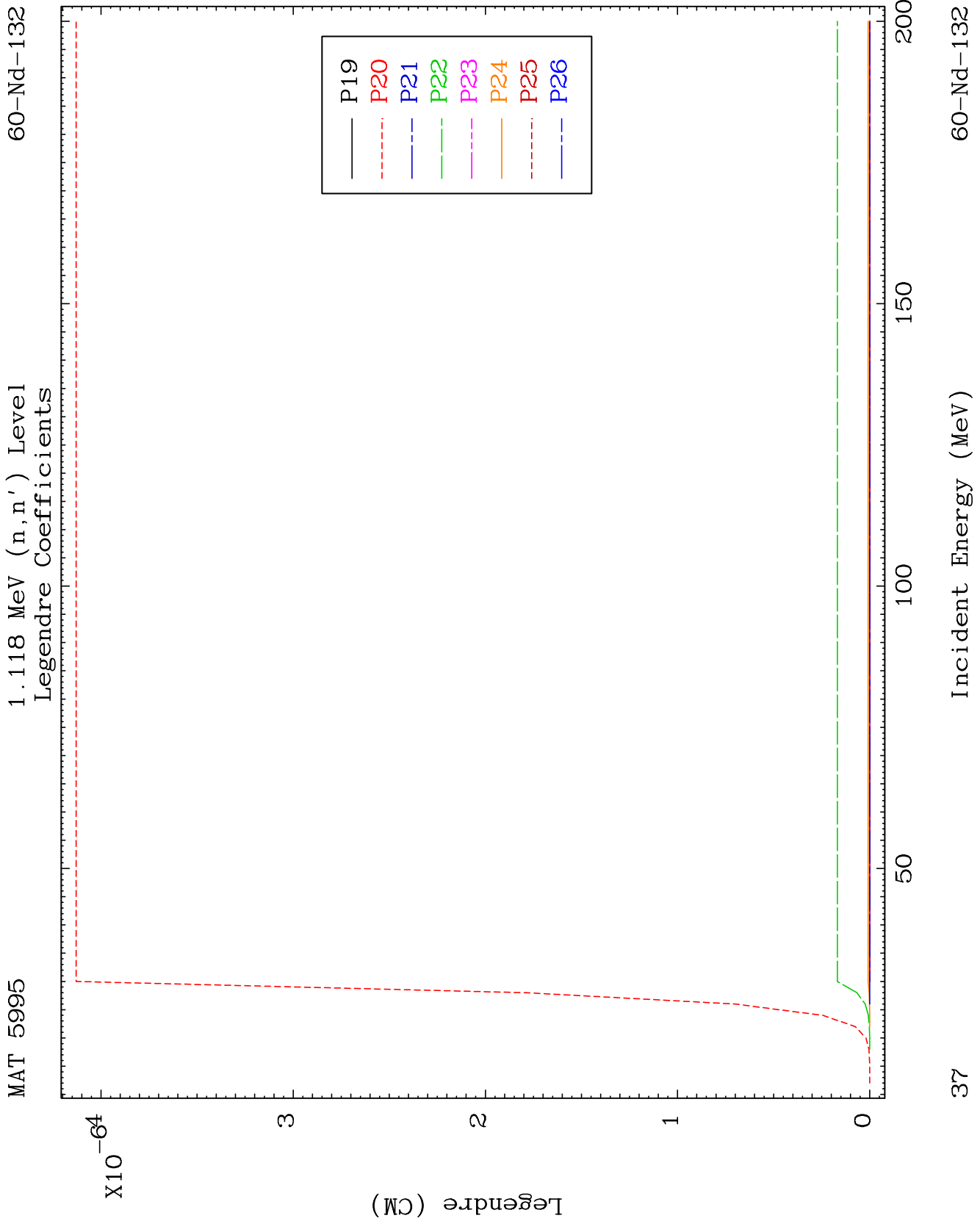
60-Nd-132



36

Incident Energy (MeV)

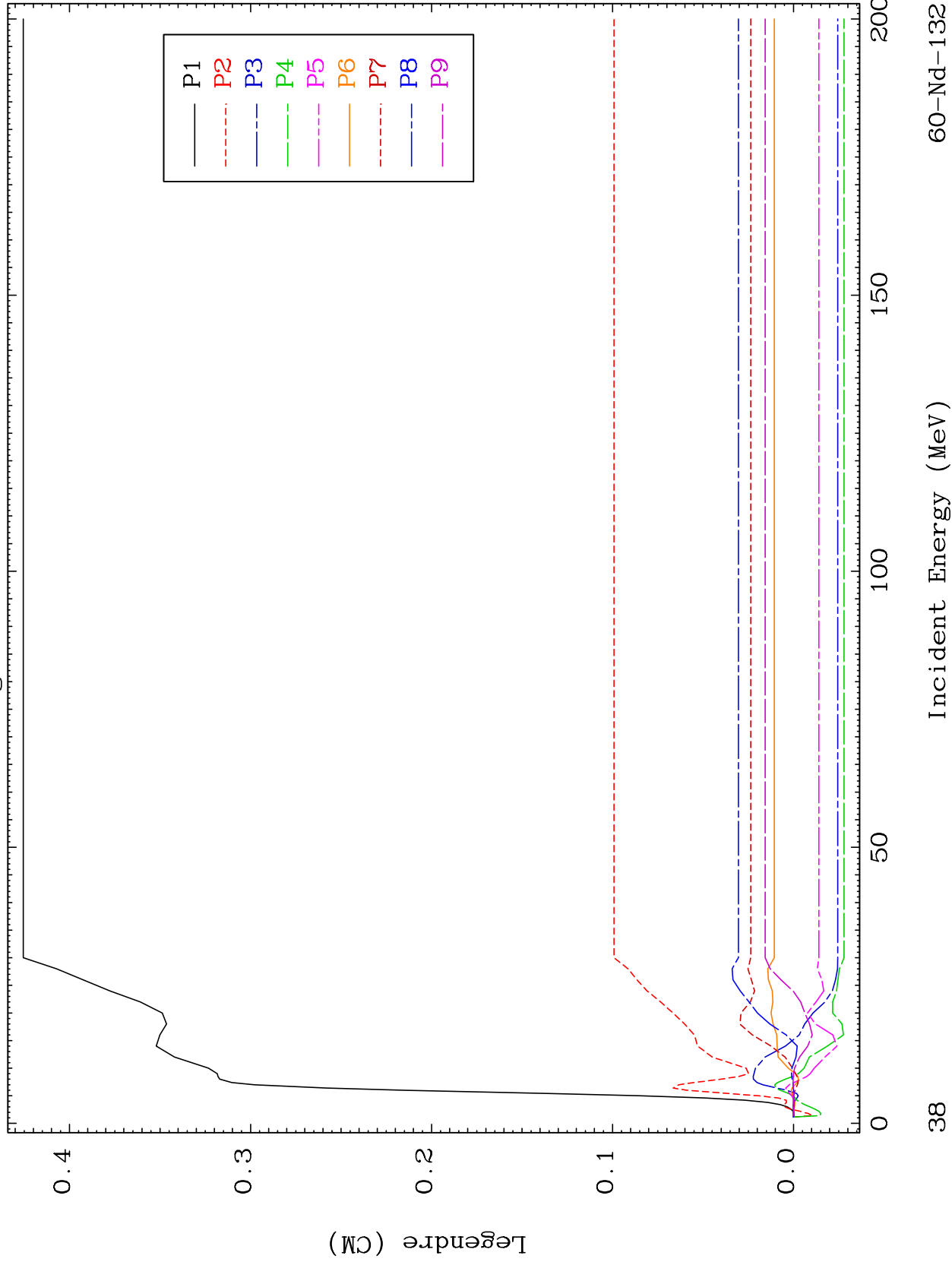
60-Nd-132

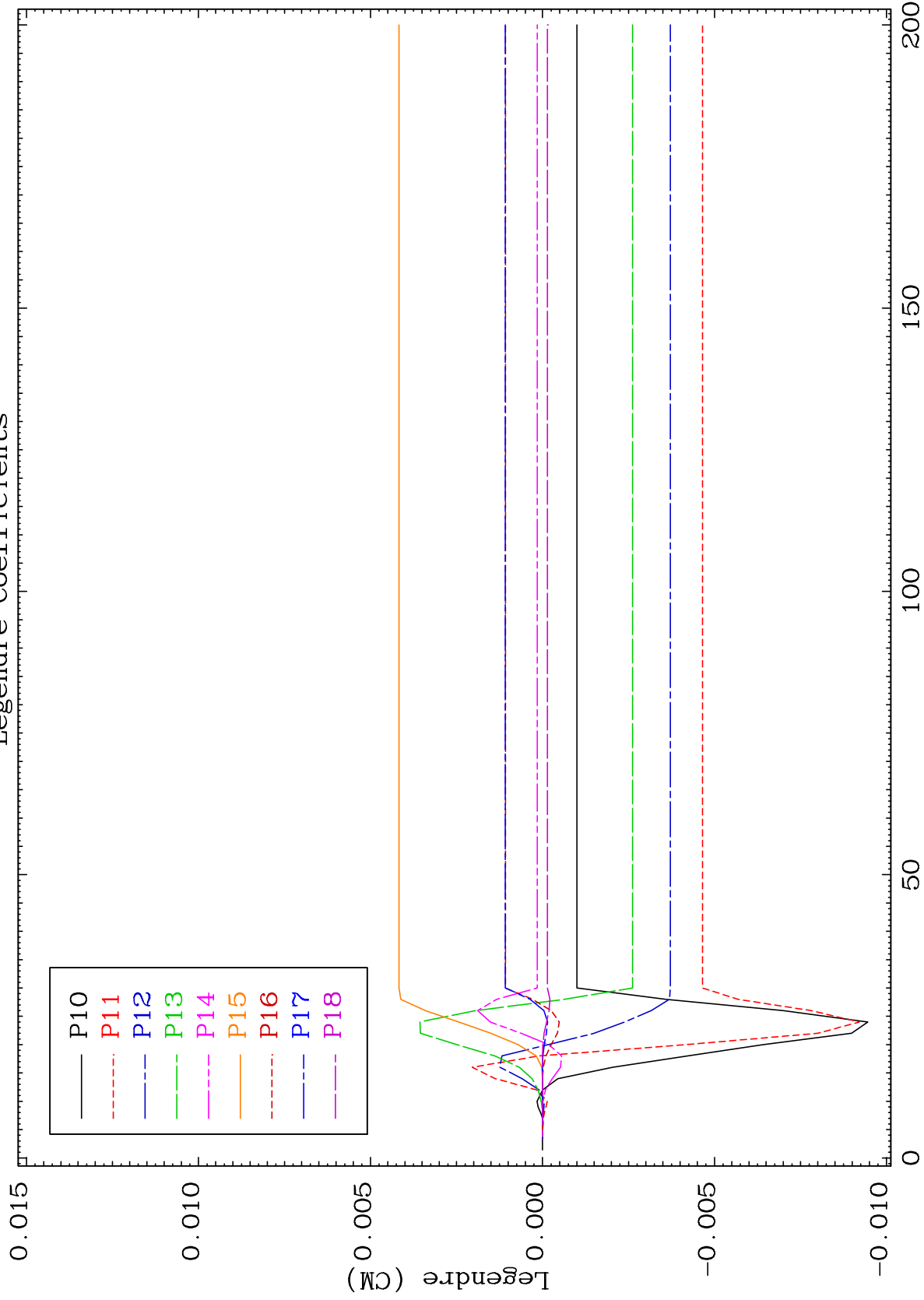


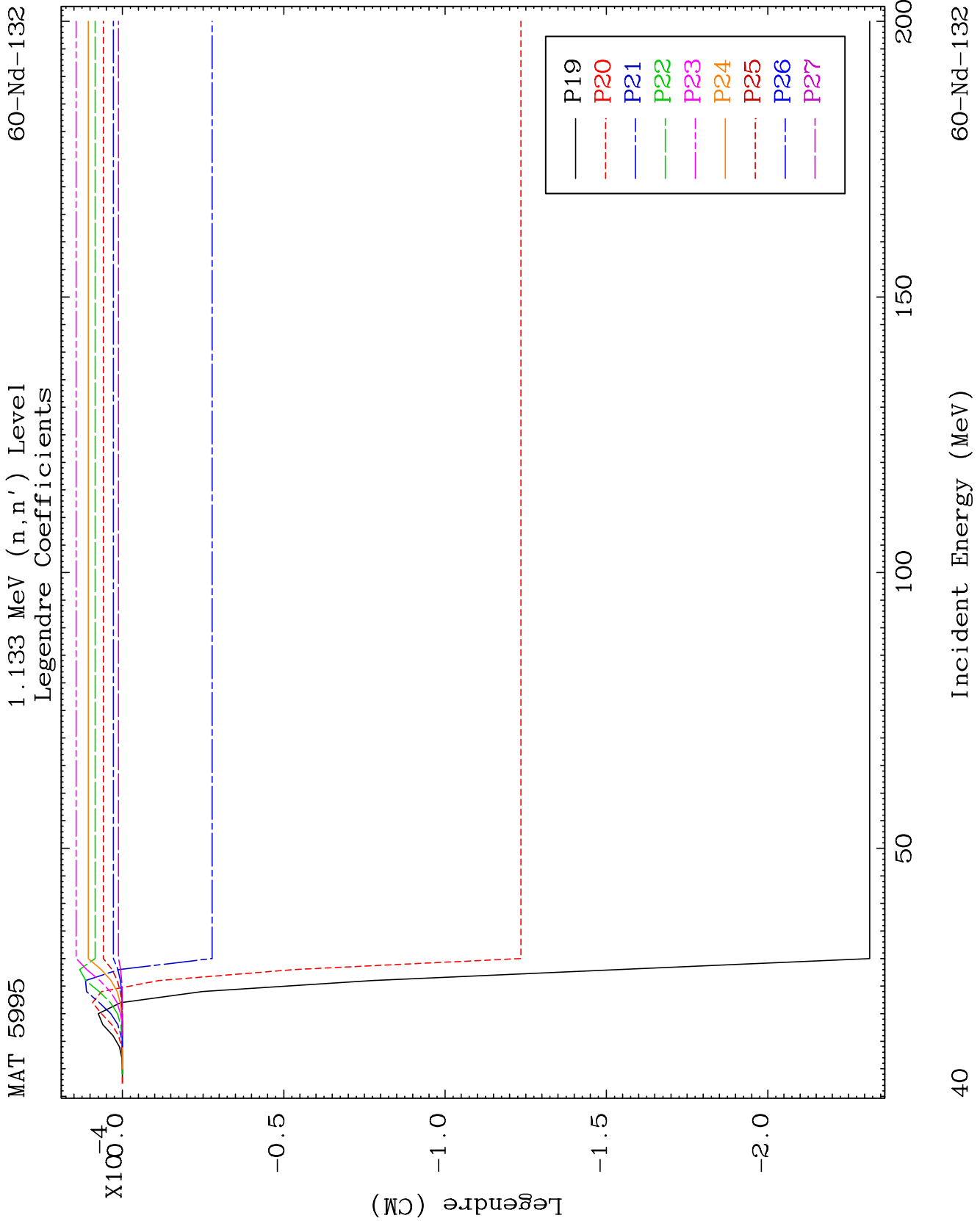
MAT 5995

1.133 MeV (n,n') Level
Legendre Coefficients

60-Nd-132



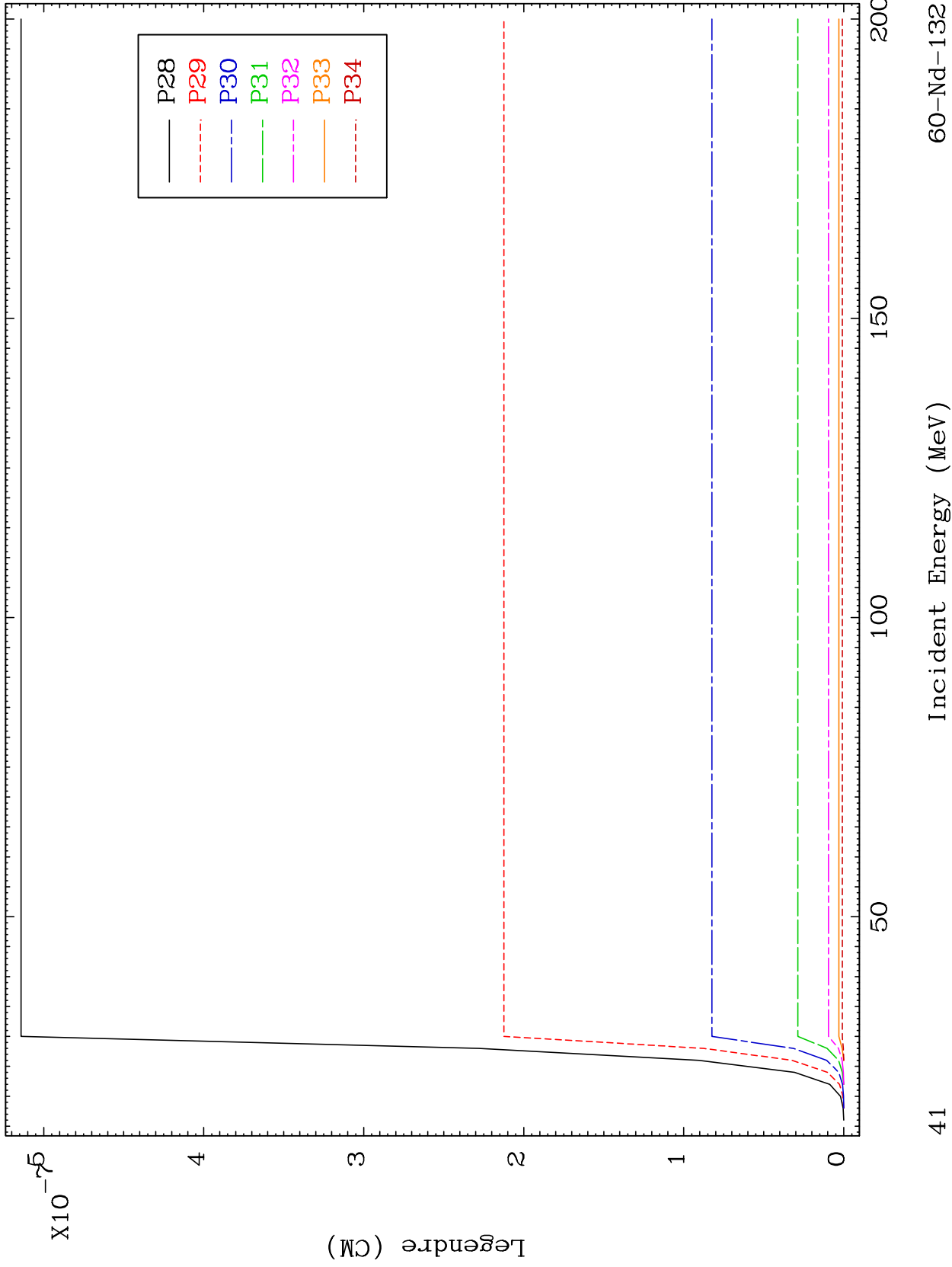




MAT 5995

1.133 MeV (n,n') Level
Legendre Coefficients

60-Nd-132



41

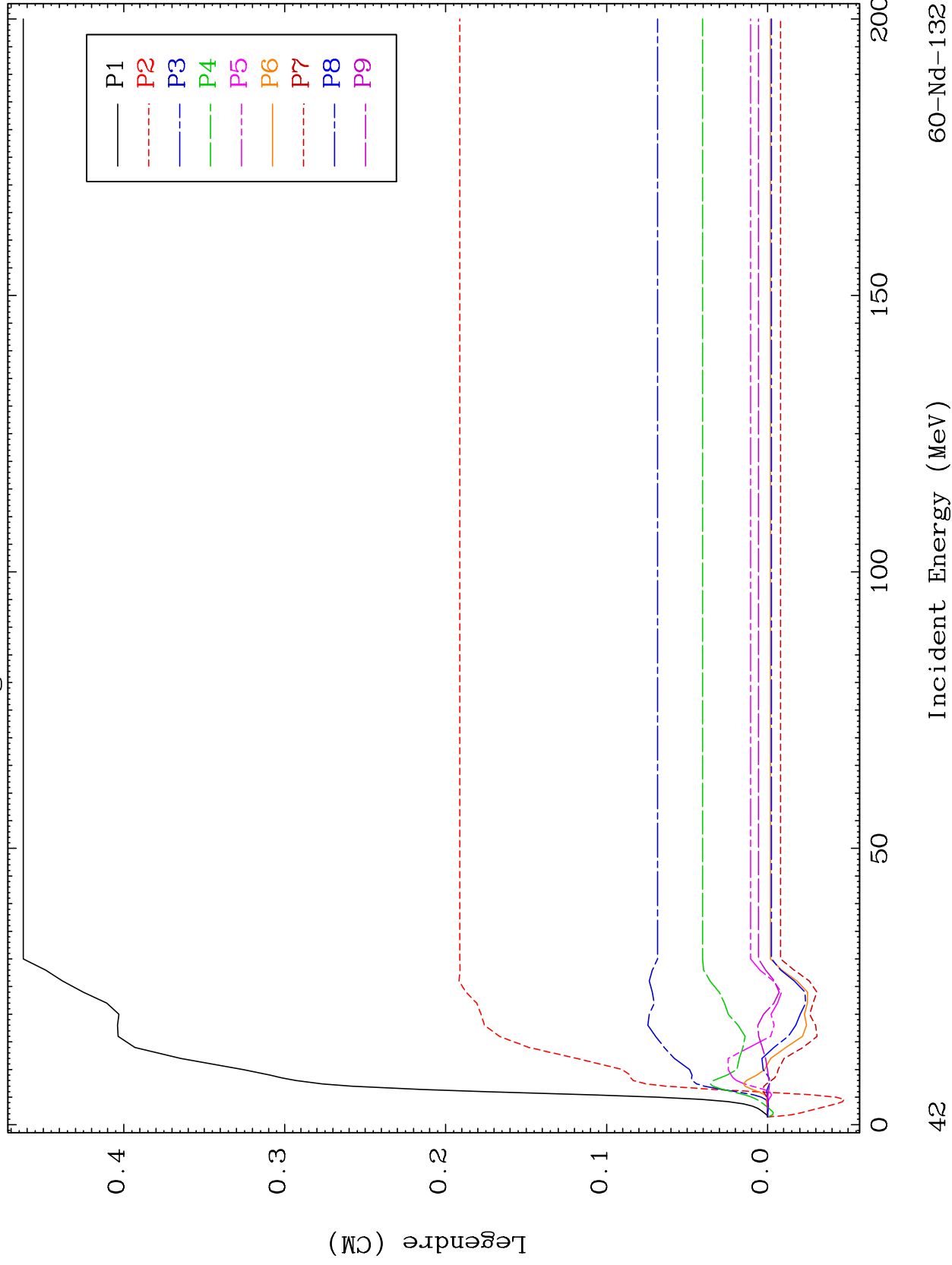
Incident Energy (MeV)

60-Nd-132

MAT 5995

1.388 MeV (n,n') Level
Legendre Coefficients

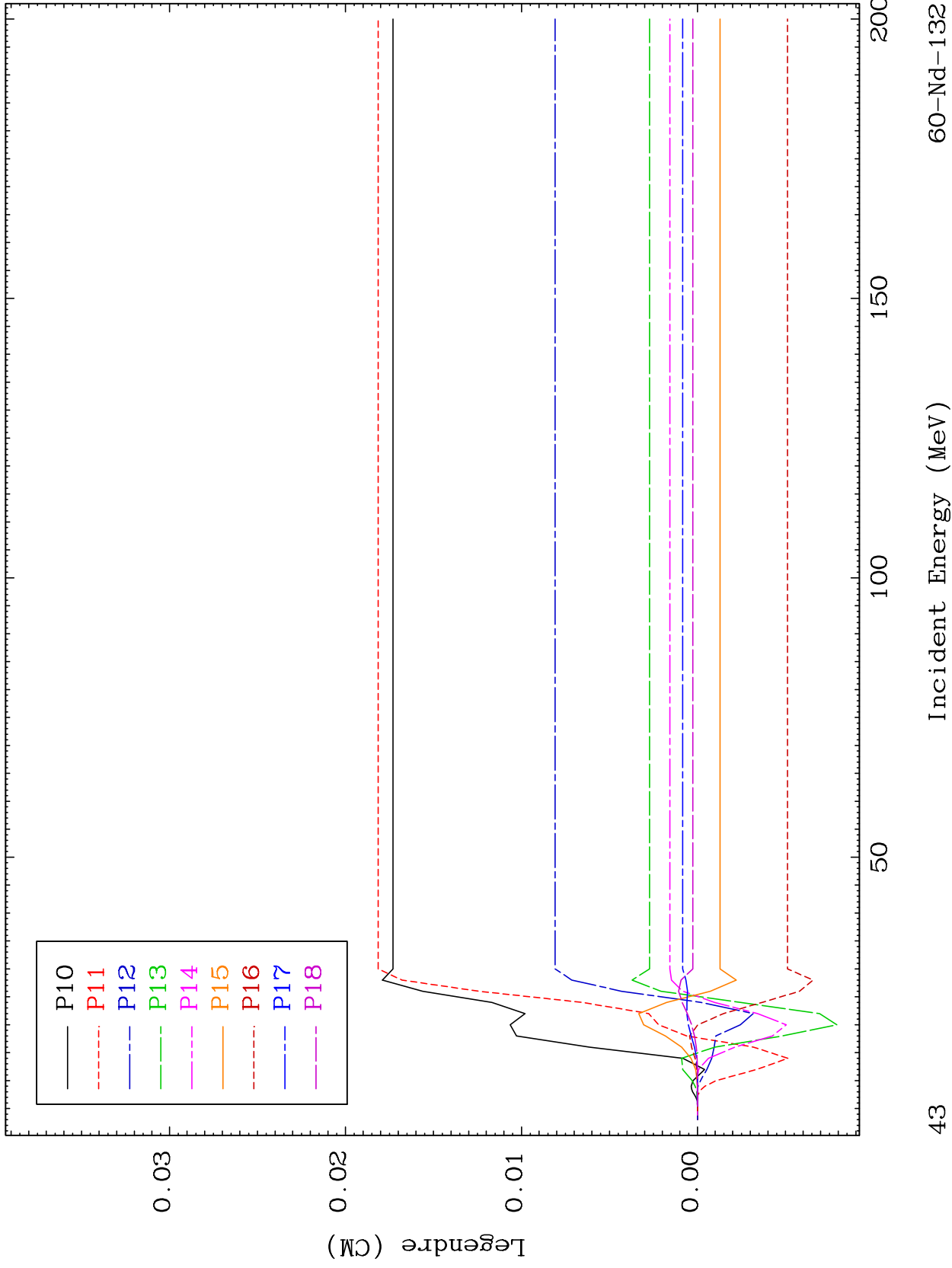
60-Nd-132



60-Nd-132

Incident Energy (MeV)

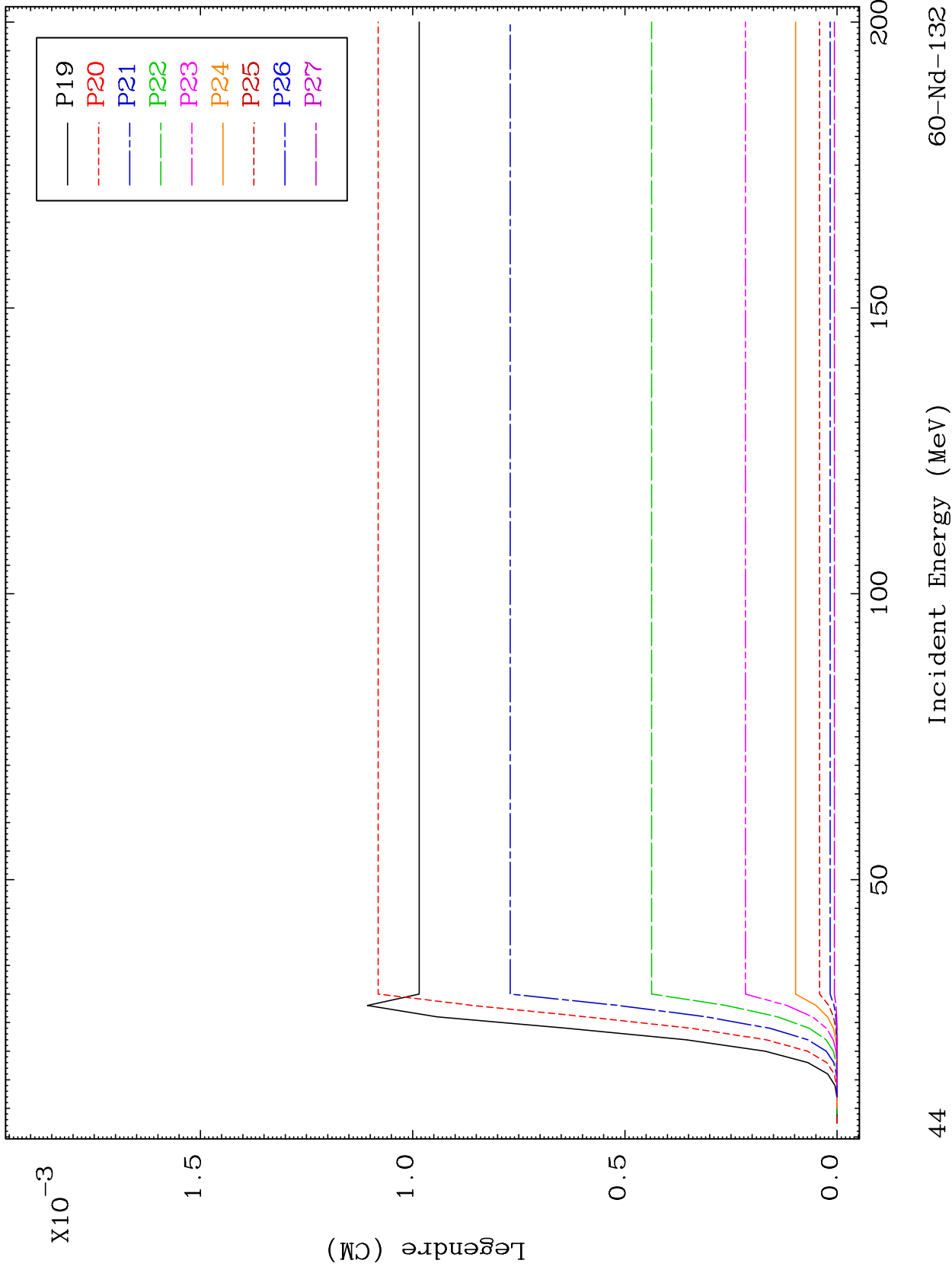
42



MAT 5995

1.388 MeV (n,n') Level
Legendre Coefficients

60-Nd-132

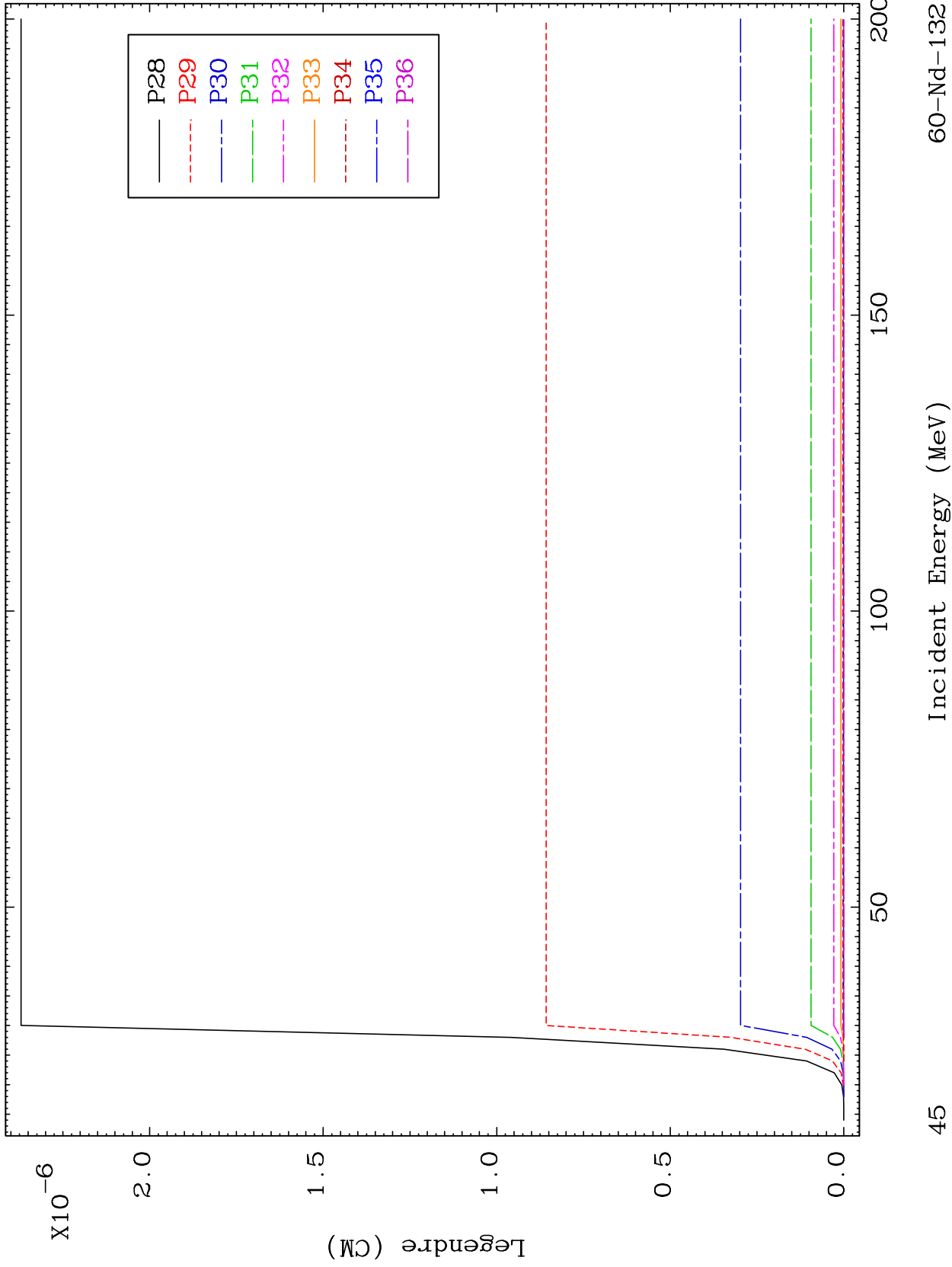


44

MAT 5995

1.388 MeV (n, n') Level
Legendre Coefficients

60-Nd-132



45

Incident Energy (MeV)

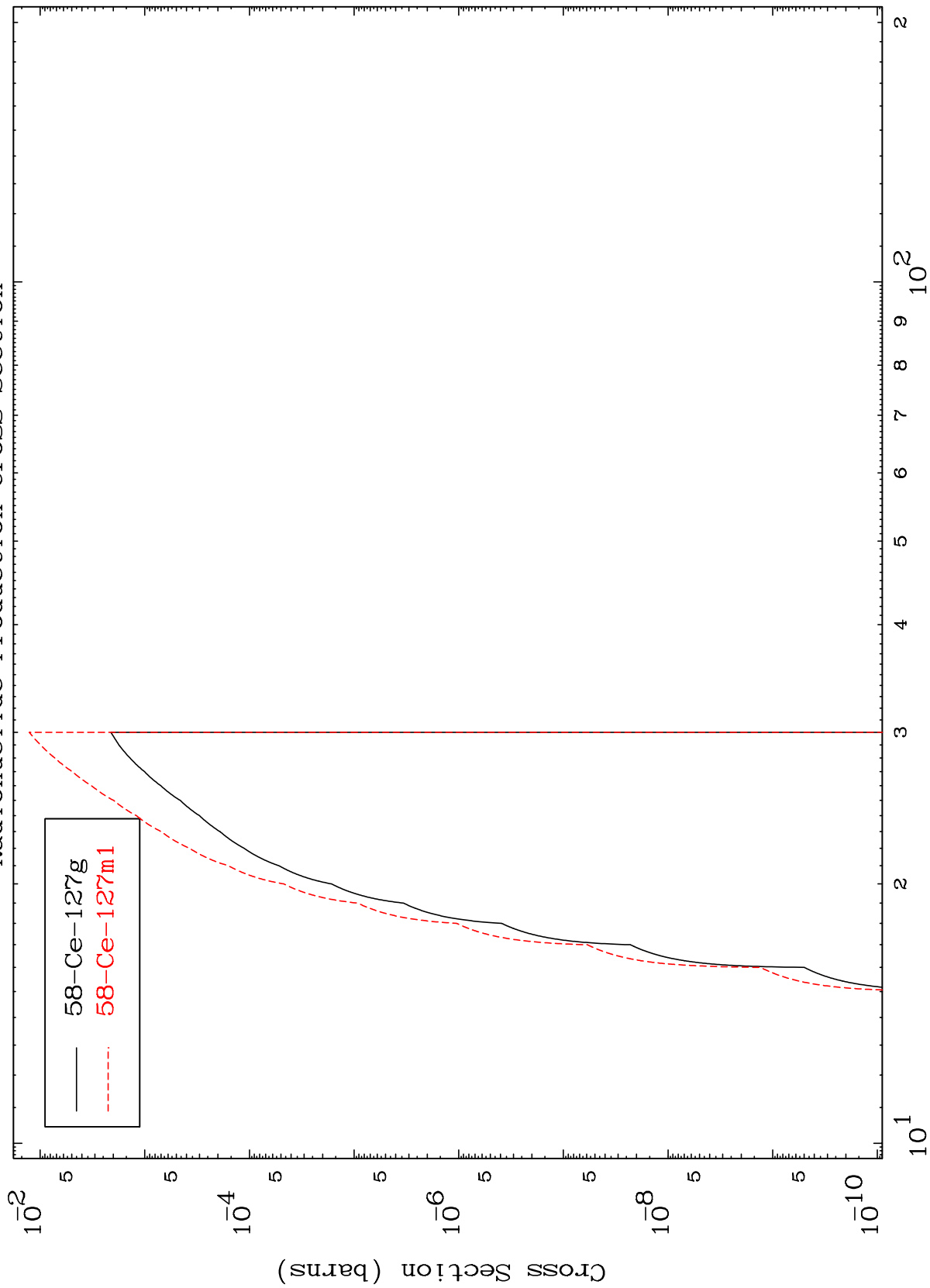
60-Nd-132

MAT 5995

(n,2n) α

60-Nd-132

Radionuclide Production Cross Section



46

Incident Energy (MeV)

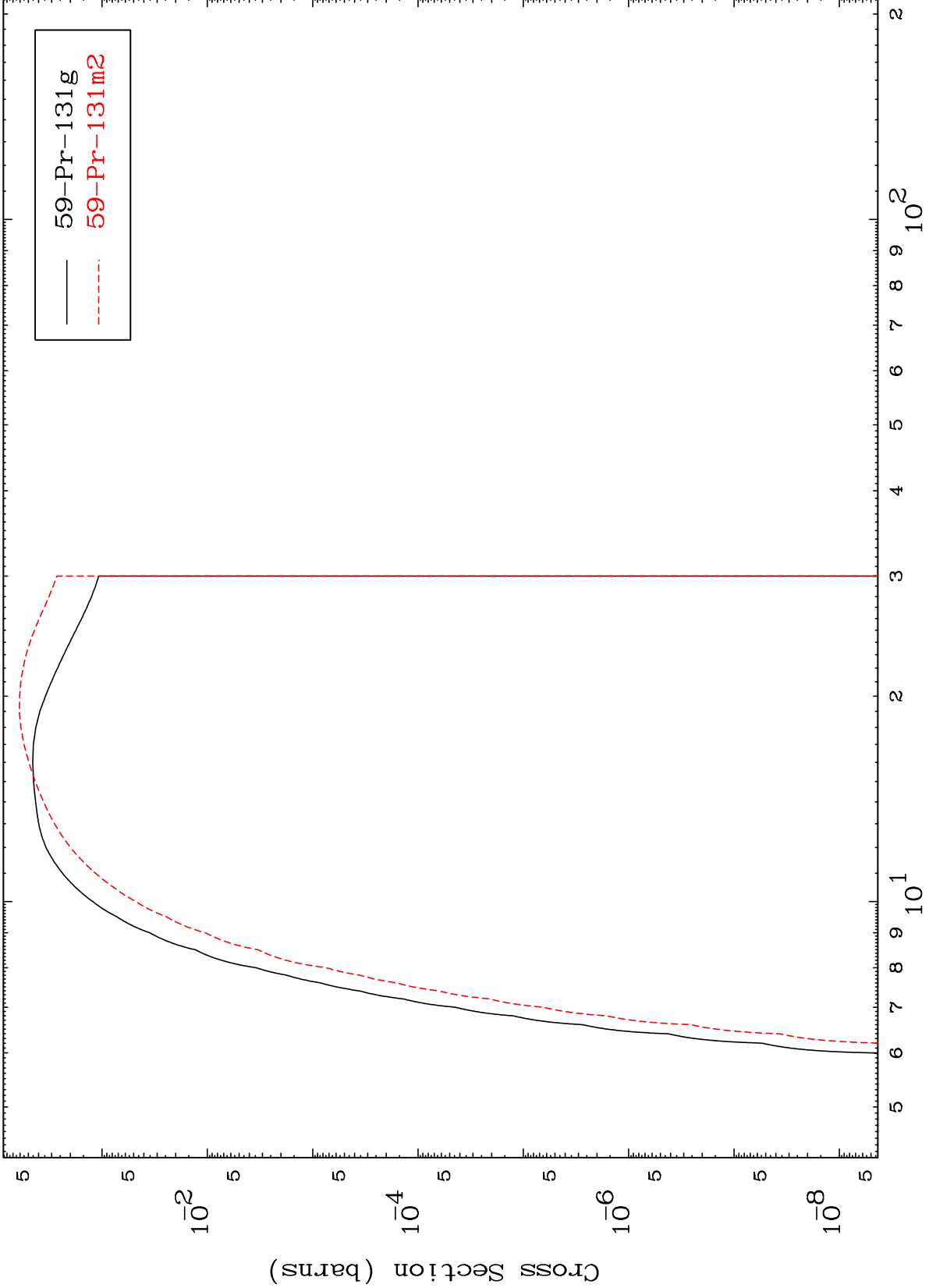
60-Nd-132

MAT 5995

(n,n') p

60-Nd-132

Radionuclide Production Cross Section



47

Incident Energy (MeV)

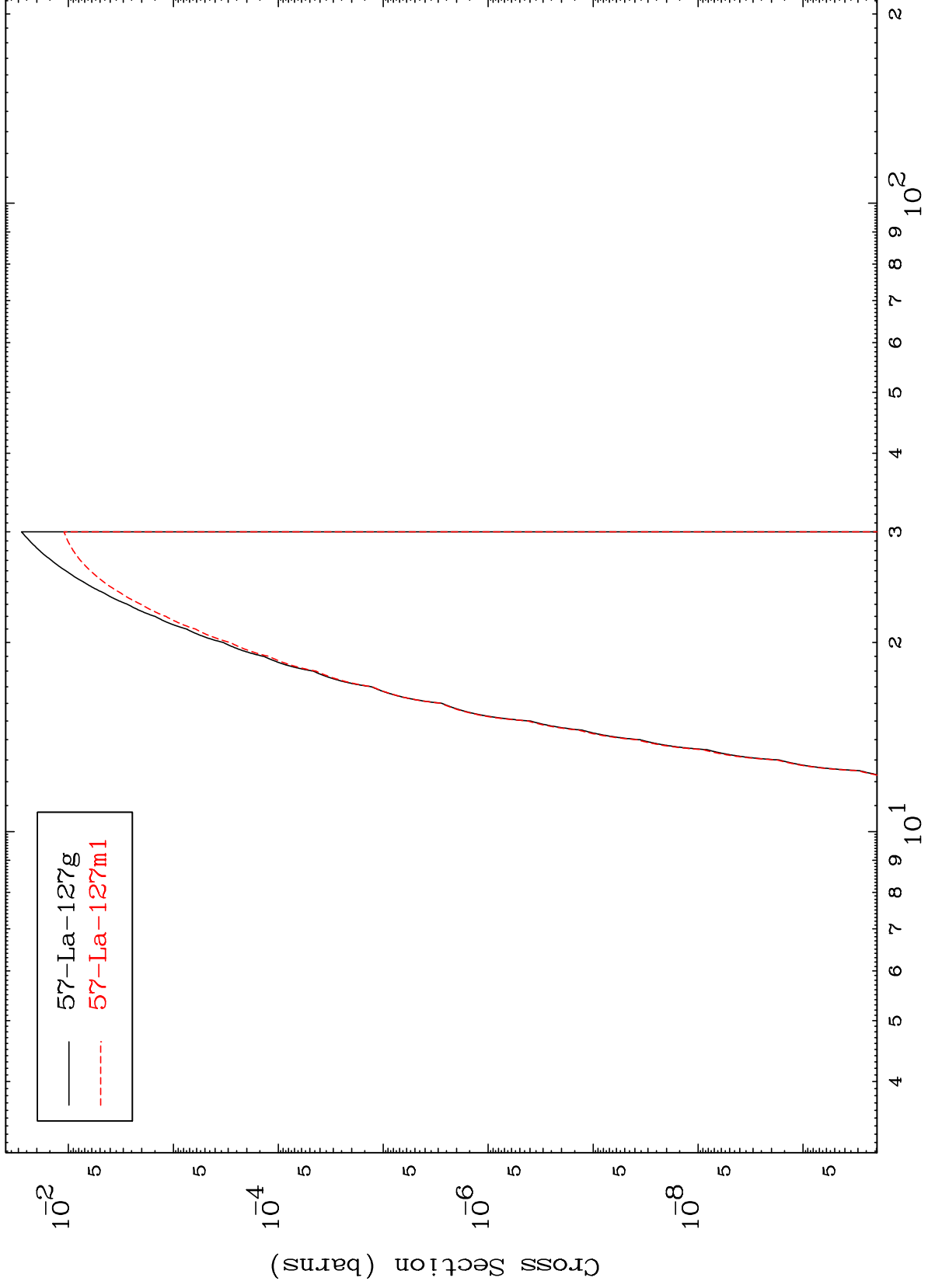
60-Nd-132

MAT 5995

(n,n') p α

60-Nd-132

Radionuclide Production Cross Section



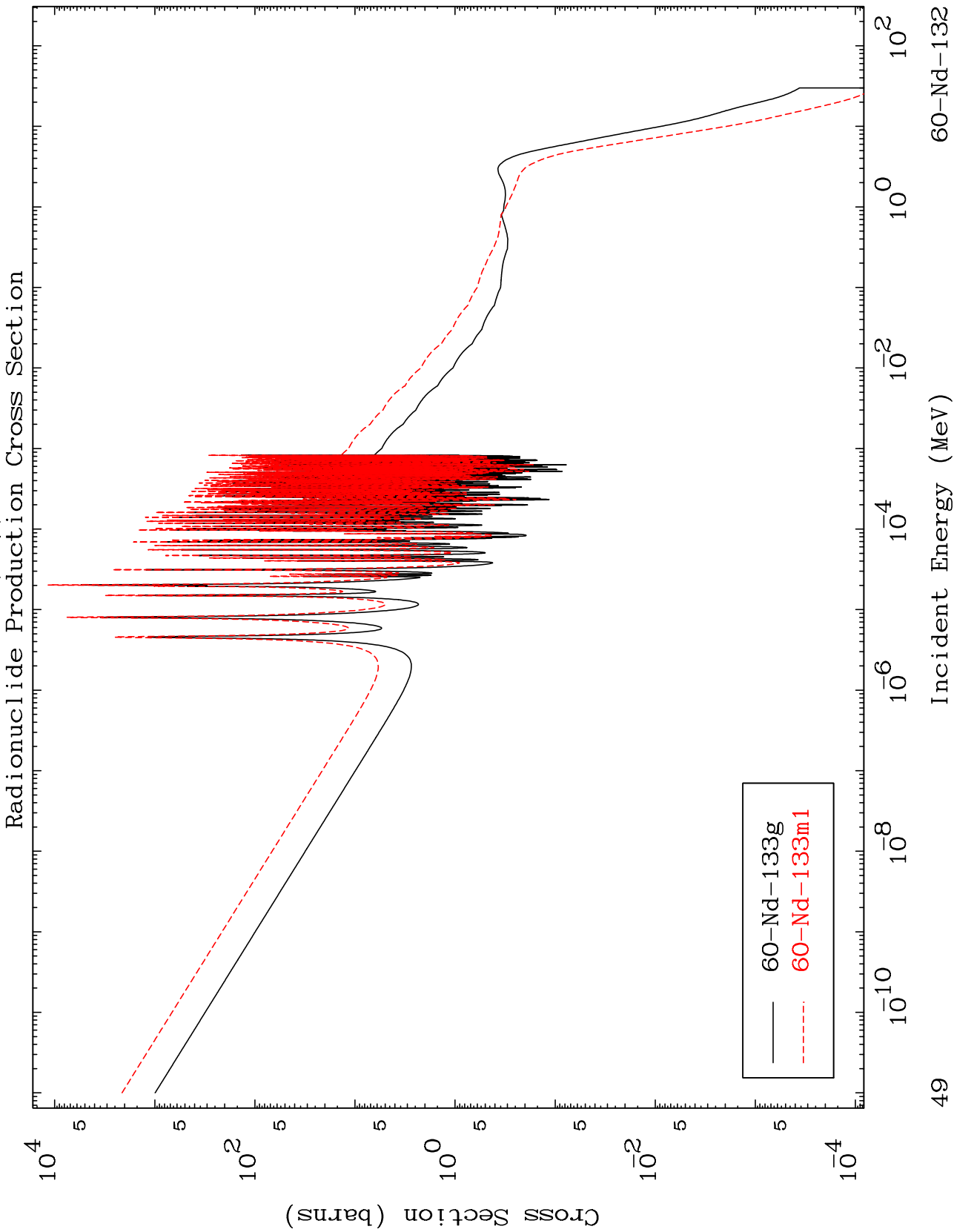
48

Incident Energy (MeV)

60-Nd-132

MAT 5995

60-Nd-132

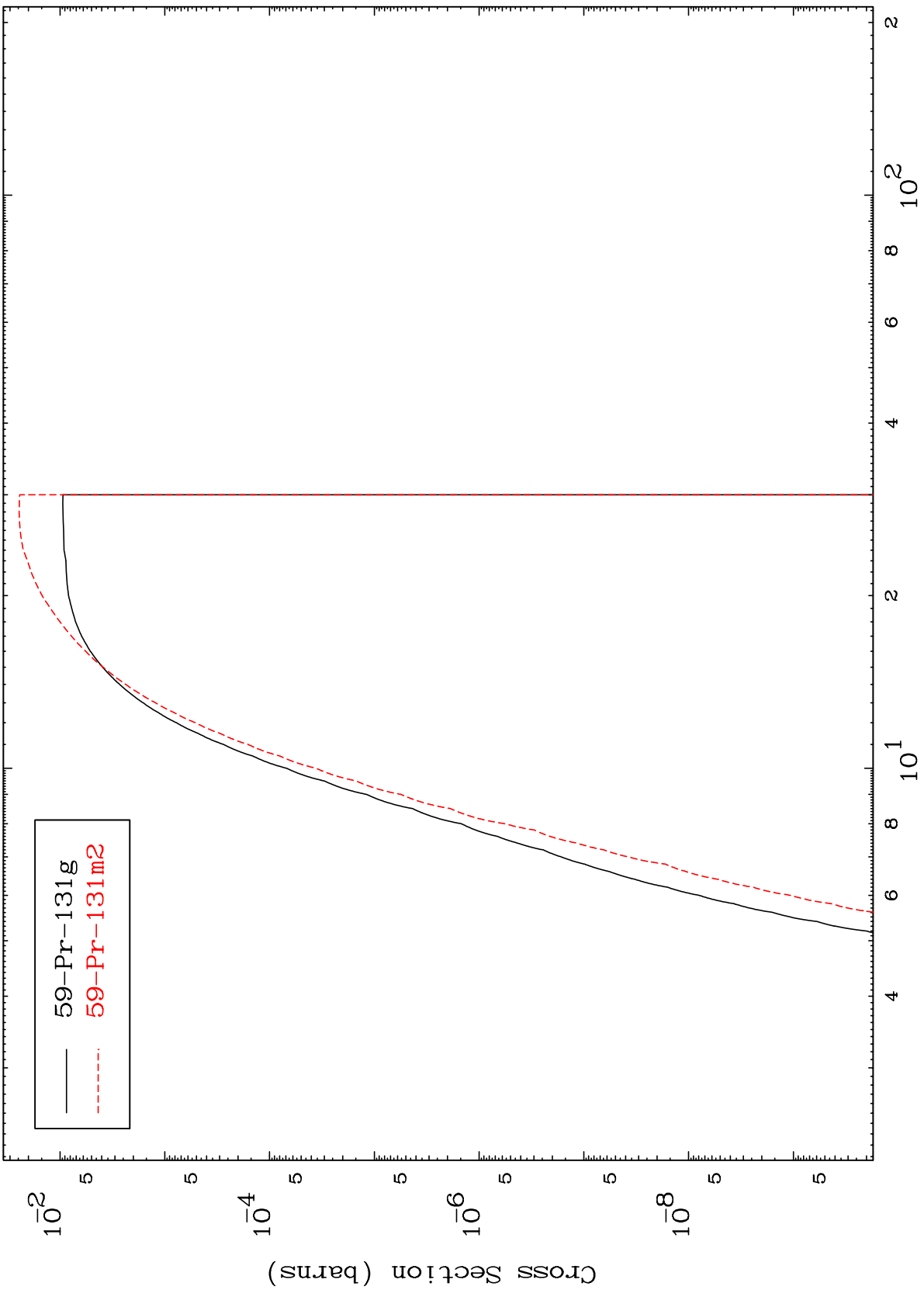


MAT 5995

(n,d)

60-Nd-132

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

50

Incident Energy (MeV)

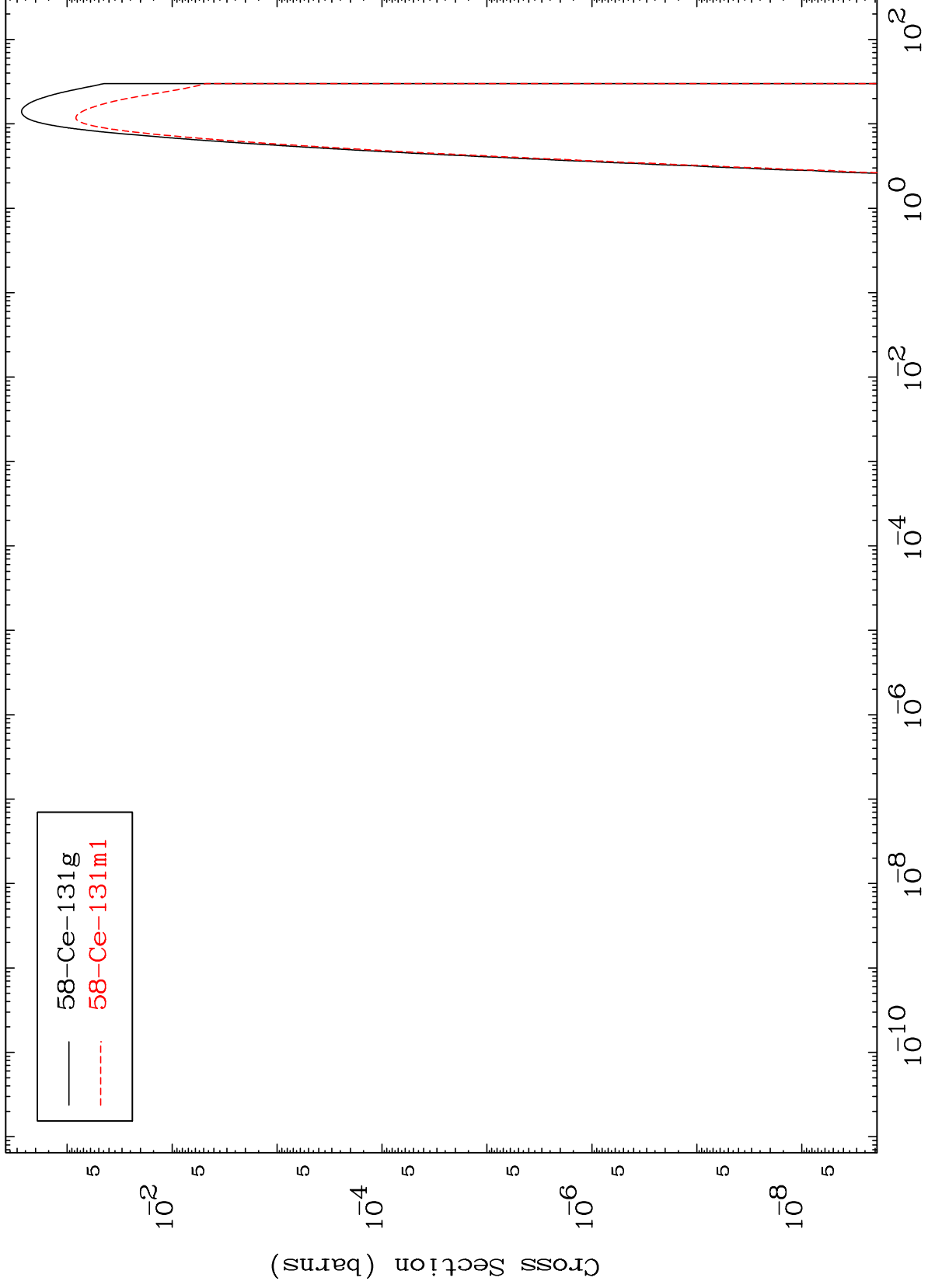
60-Nd-132

MAT 5995

(n,2p)

60-Nd-132

Radionuclide Production Cross Section

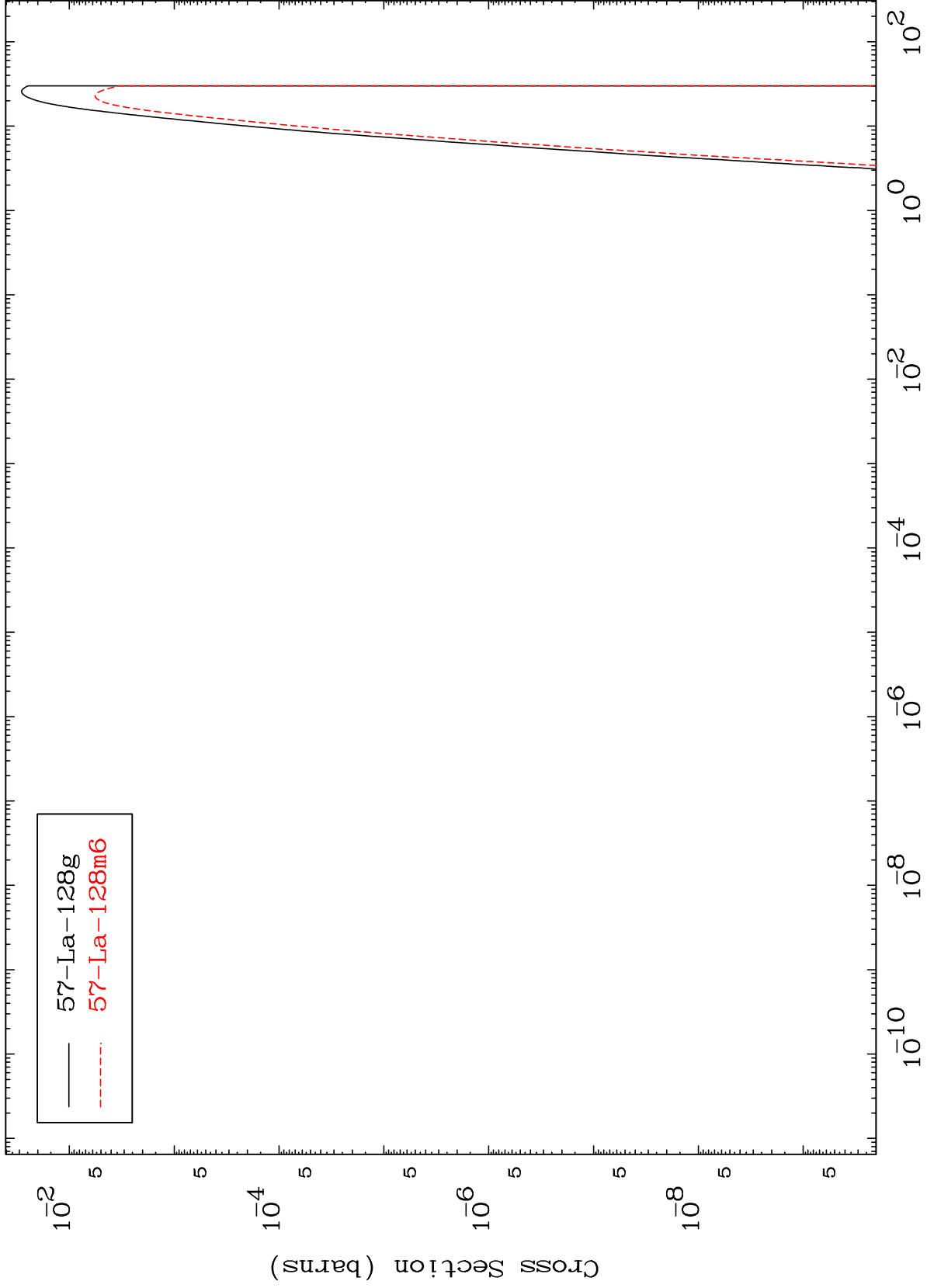


MAT 5995

(n,p) α

60-Nd-132

Radionuclide Production Cross Section



52

Incident Energy (MeV)

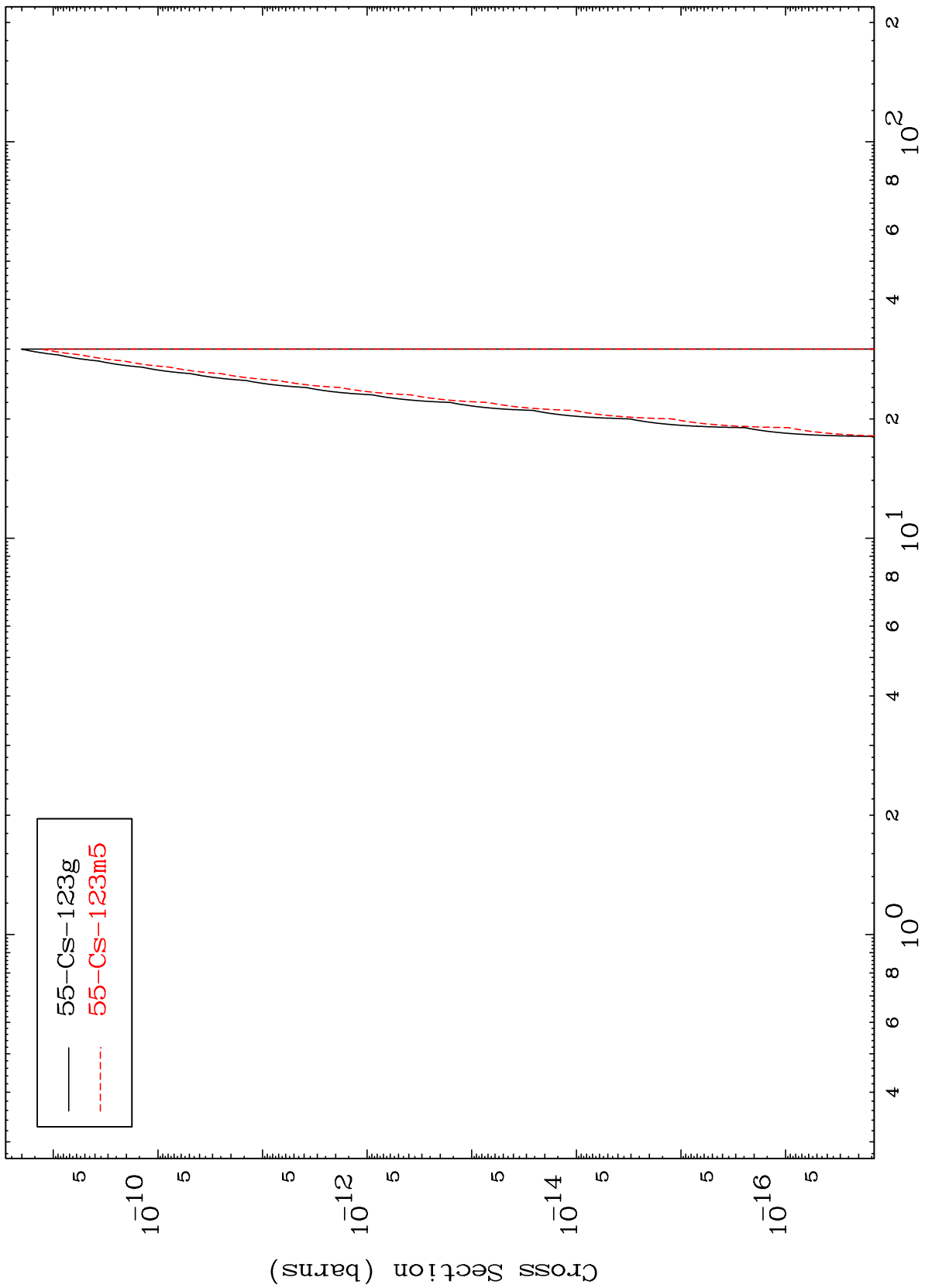
60-Nd-132

MAT 5995

(n,d) 2 α

60-Nd-132

Radionuclide Production Cross Section



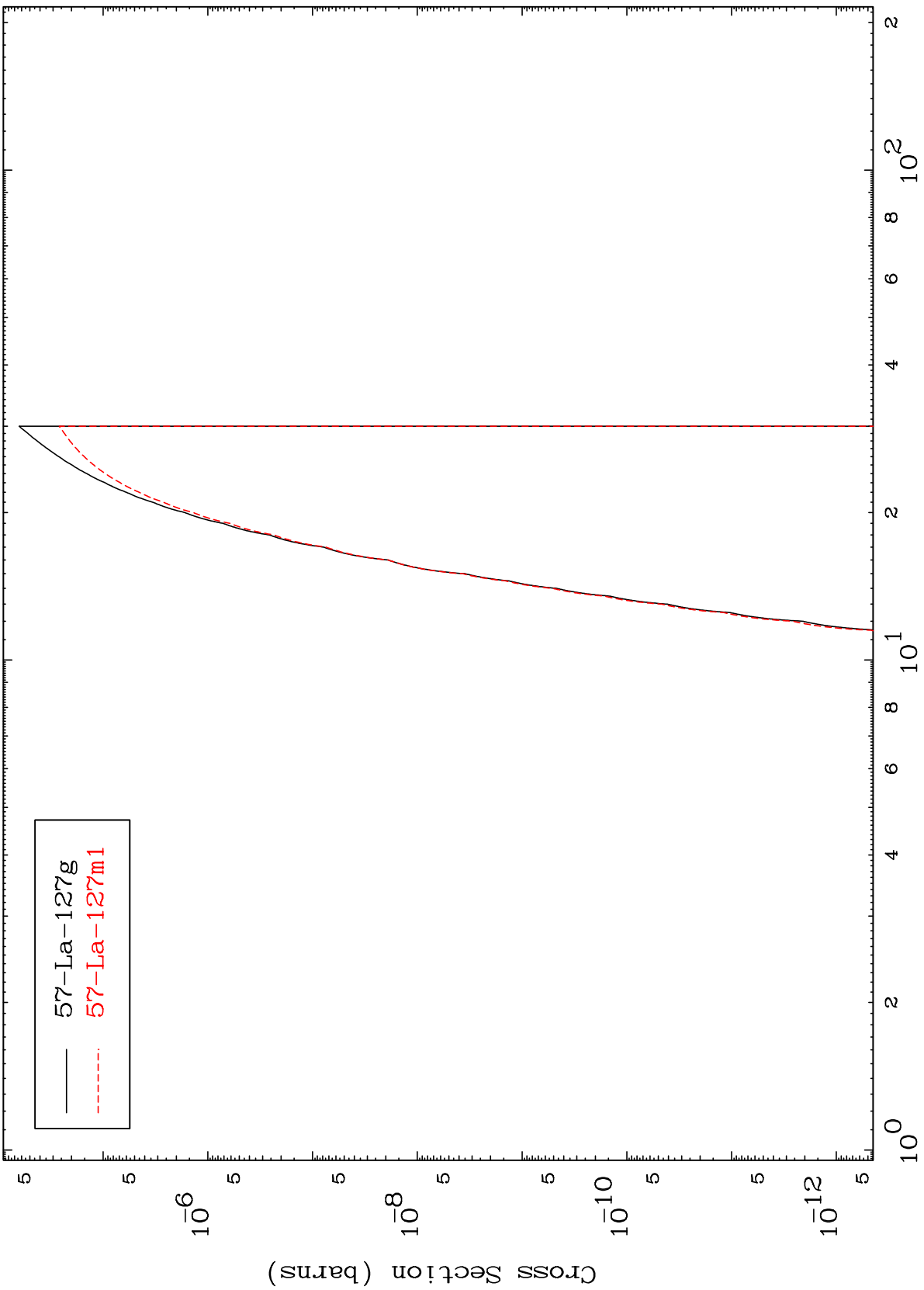
55-Cs-123g
55-Cs-123m5

MAT 5995

(n,d) α

60-Nd-132

Radionuclide Production Cross Section



54

Incident Energy (MeV)

60-Nd-132