

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

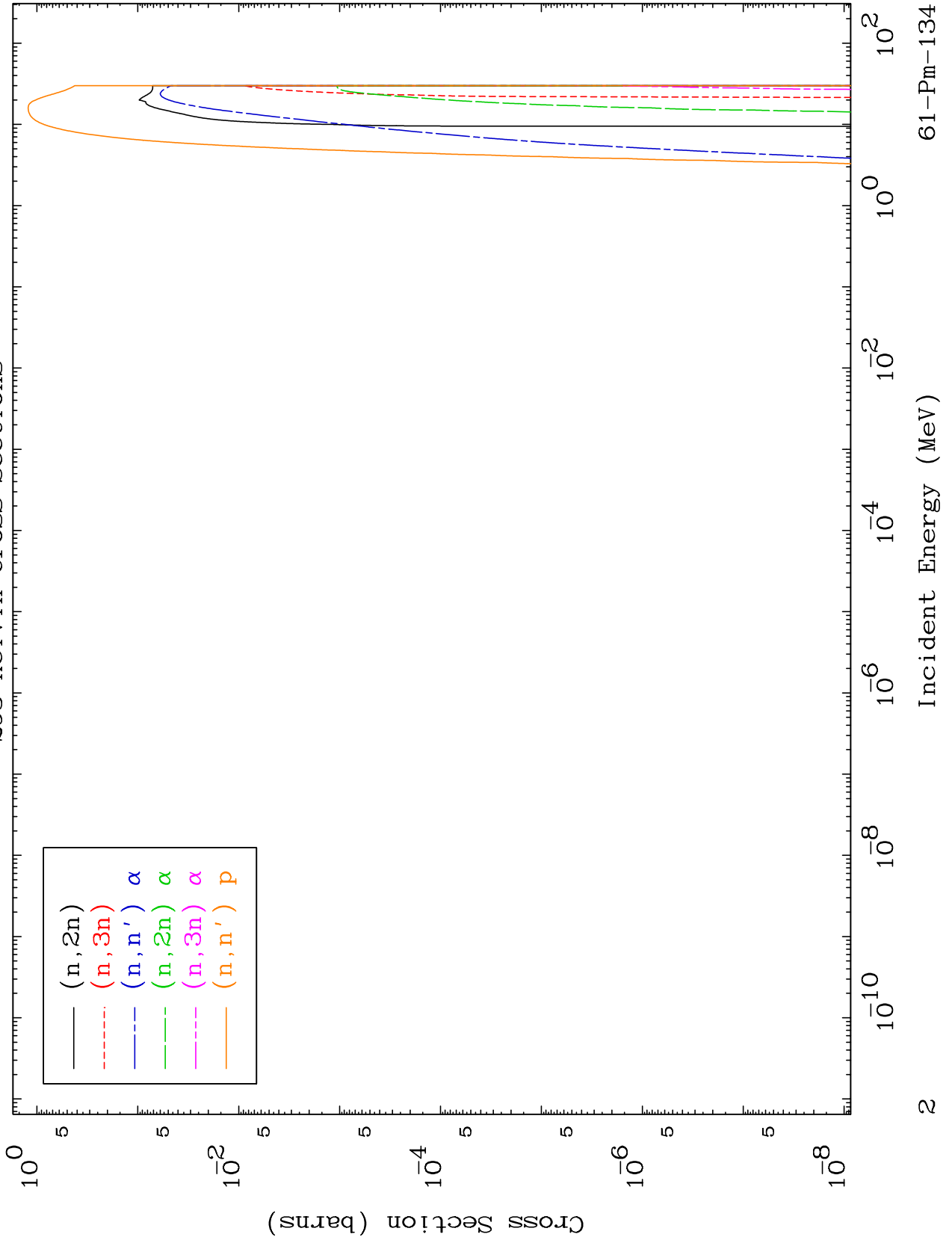
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6110

Neutron Production
293 Kelvin Cross Sections

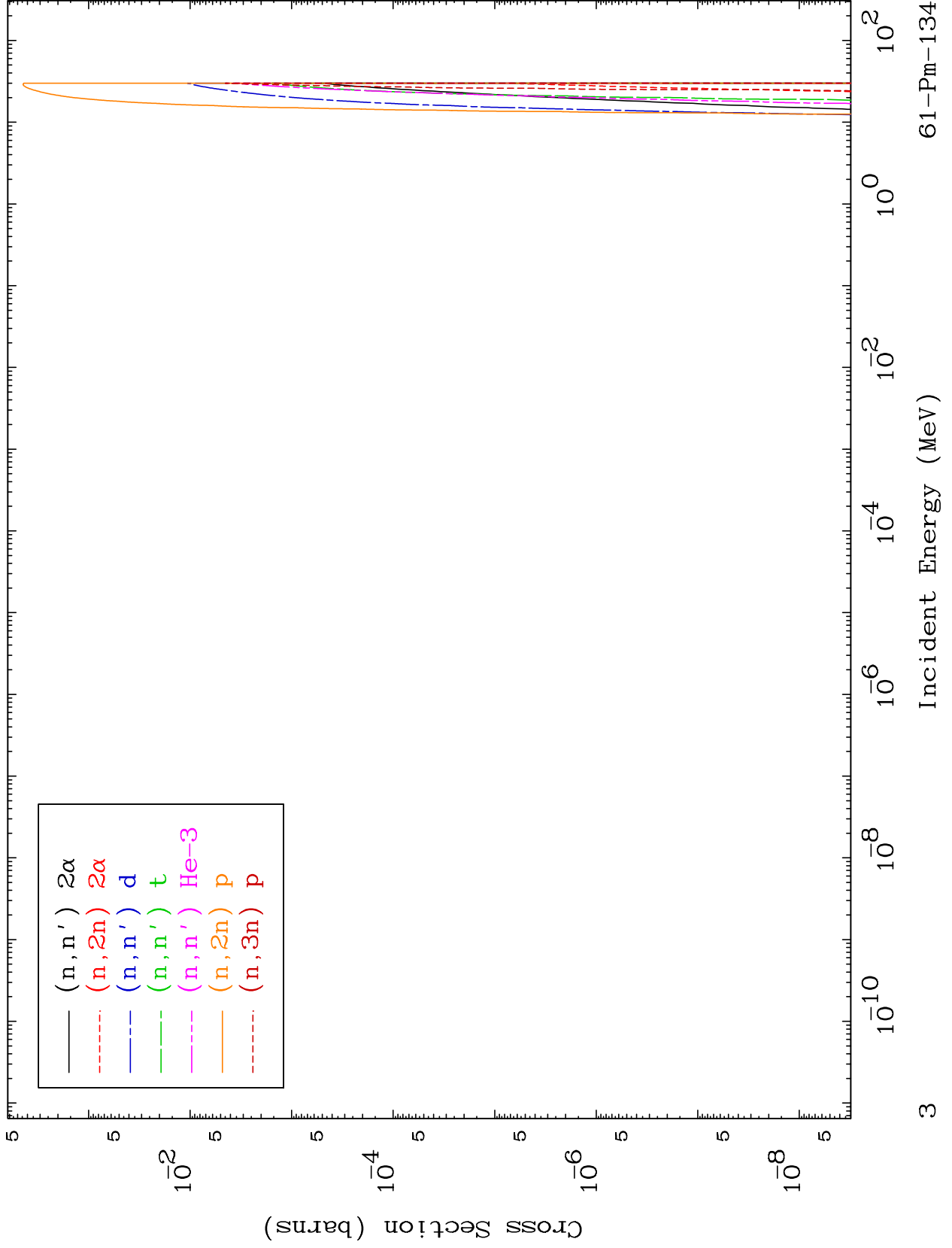
61-Pm-134



MAT 6110

Neutron Production
293 Kelvin Cross Sections

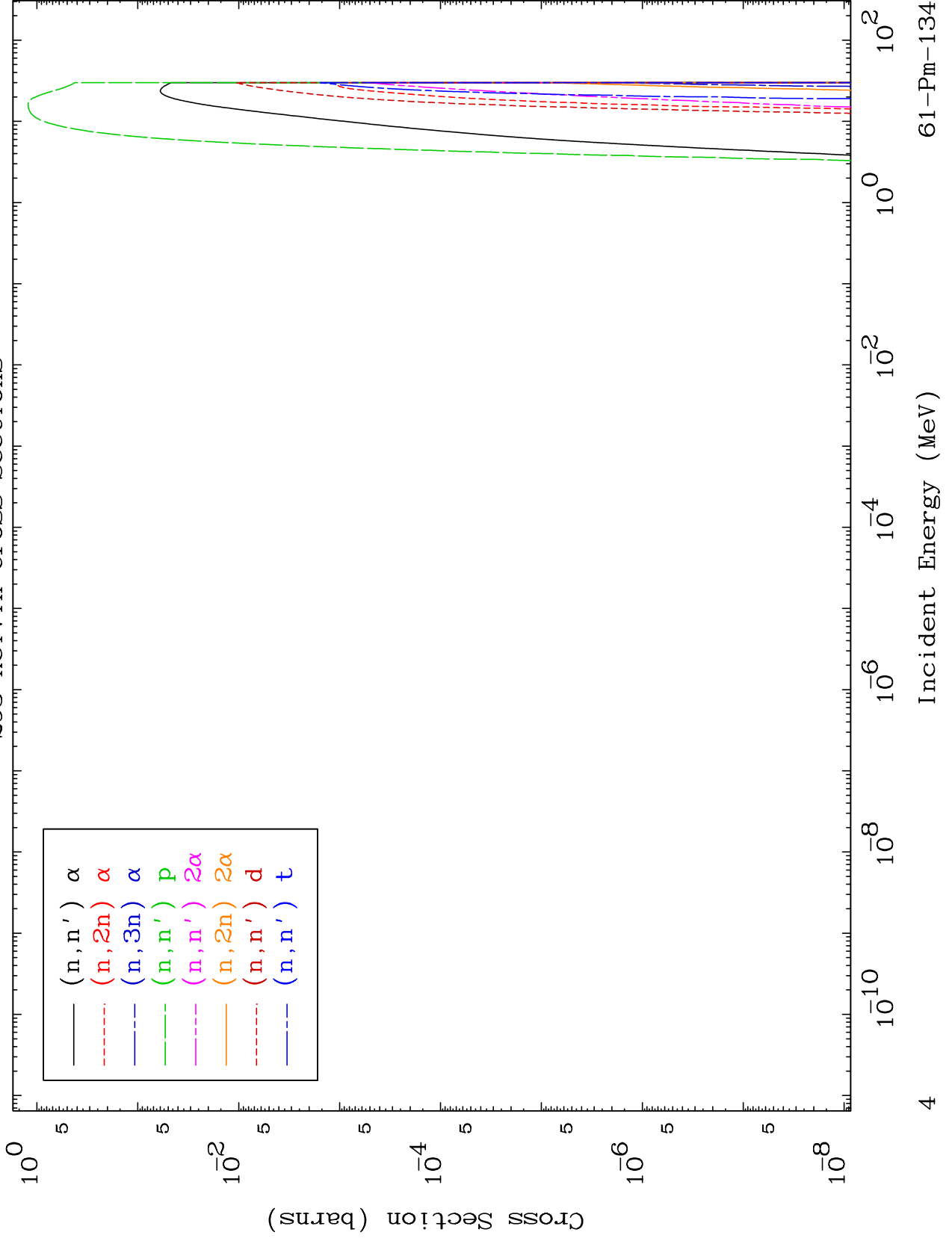
61-Pm-134



MAT 6110

Charged Particle
293 Kelvin Cross Sections

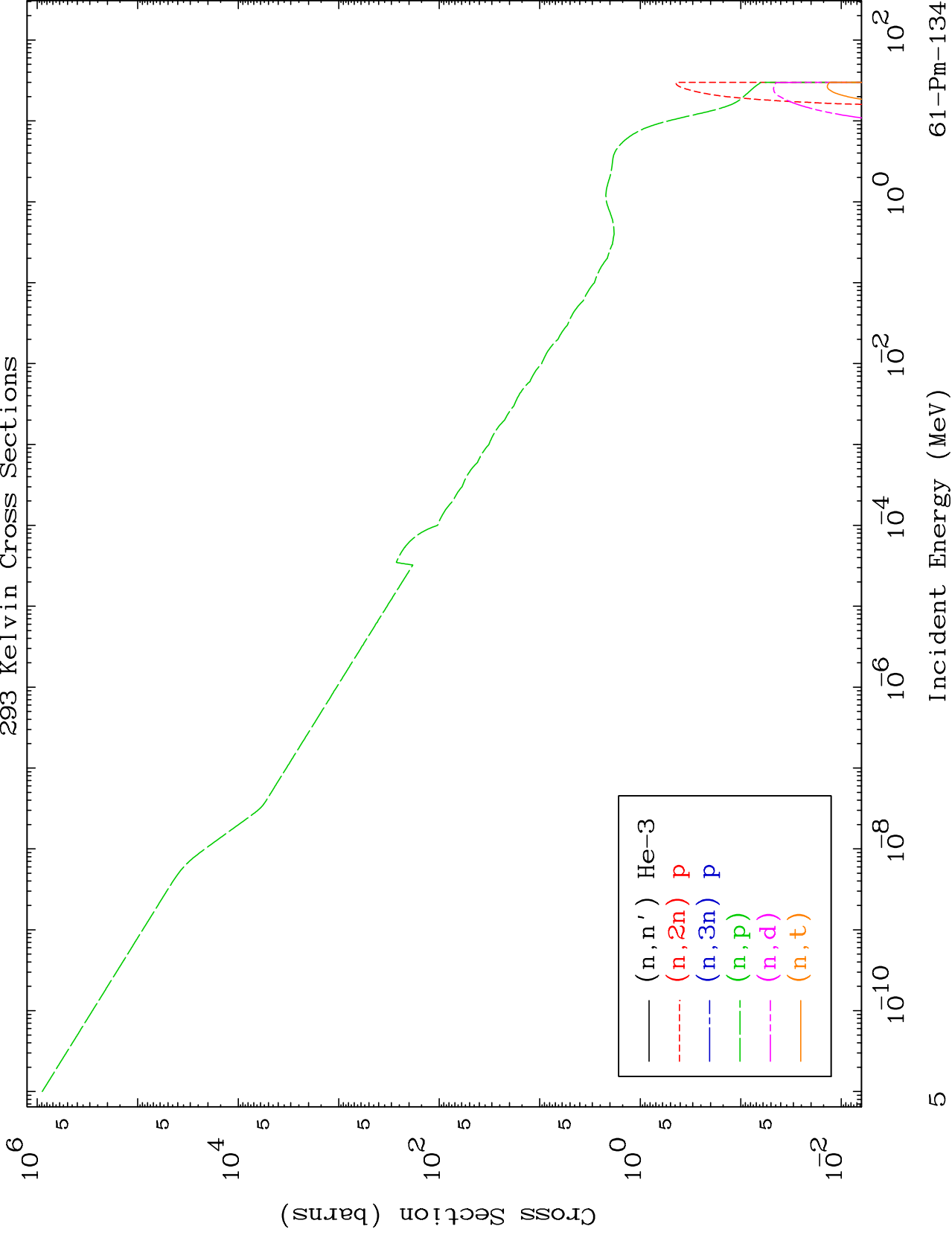
61-Pm-134



MAT 6110

Charged Particle
293 Kelvin Cross Sections

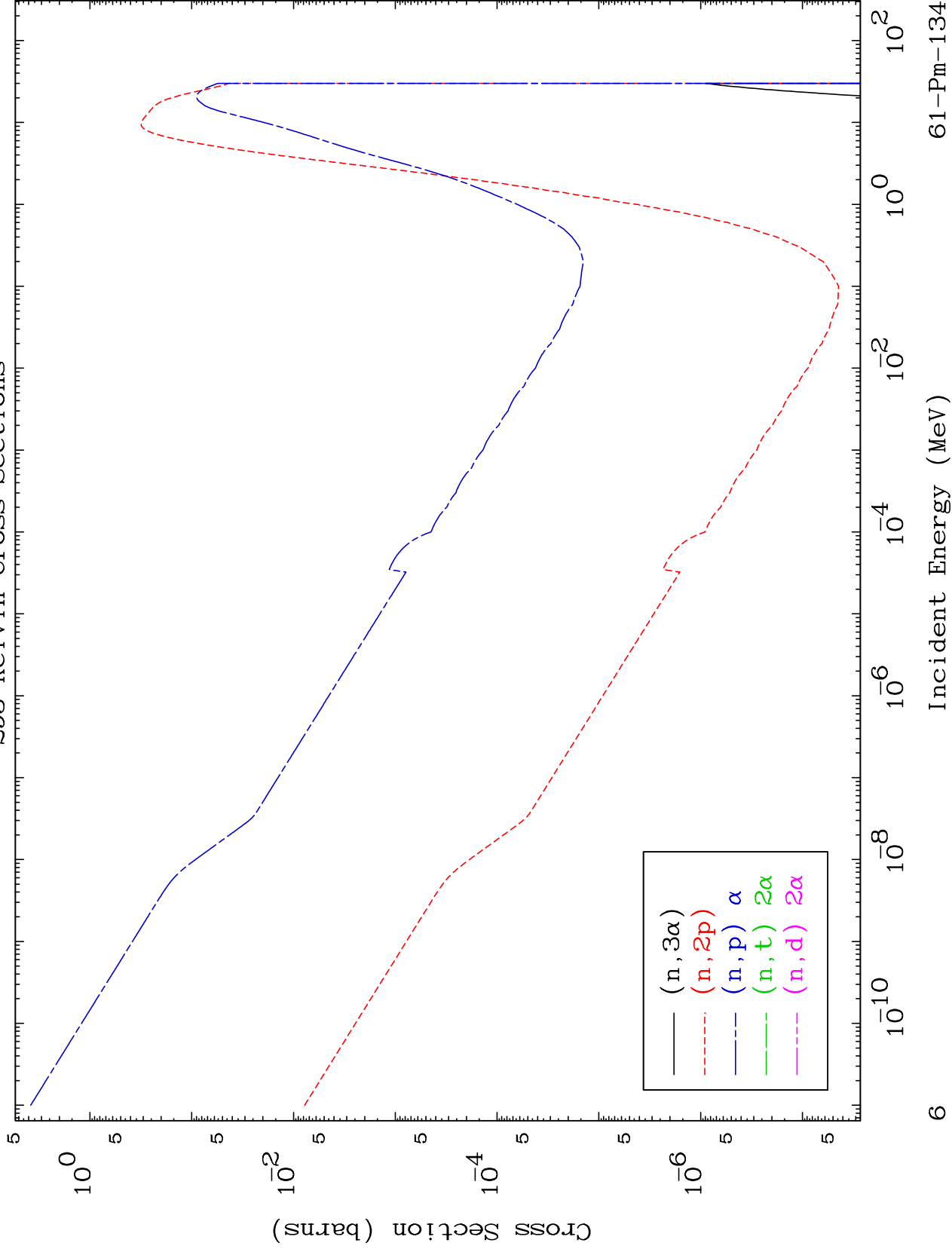
61-Pm-134



MAT 6110

Charged Particle
293 Kelvin Cross Sections

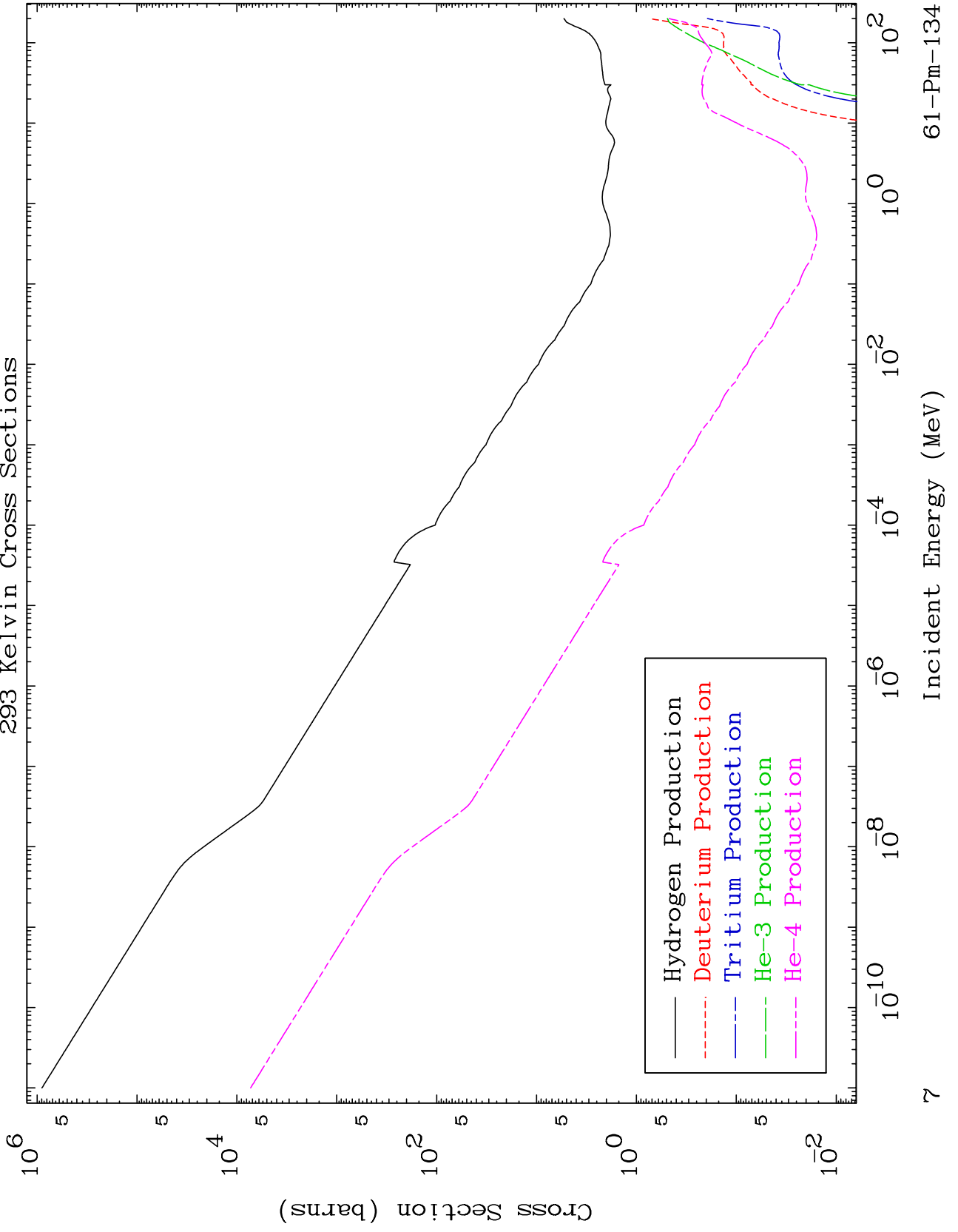
61-Pm-134



MAT 6110

Particle Production
293 Kelvin Cross Sections

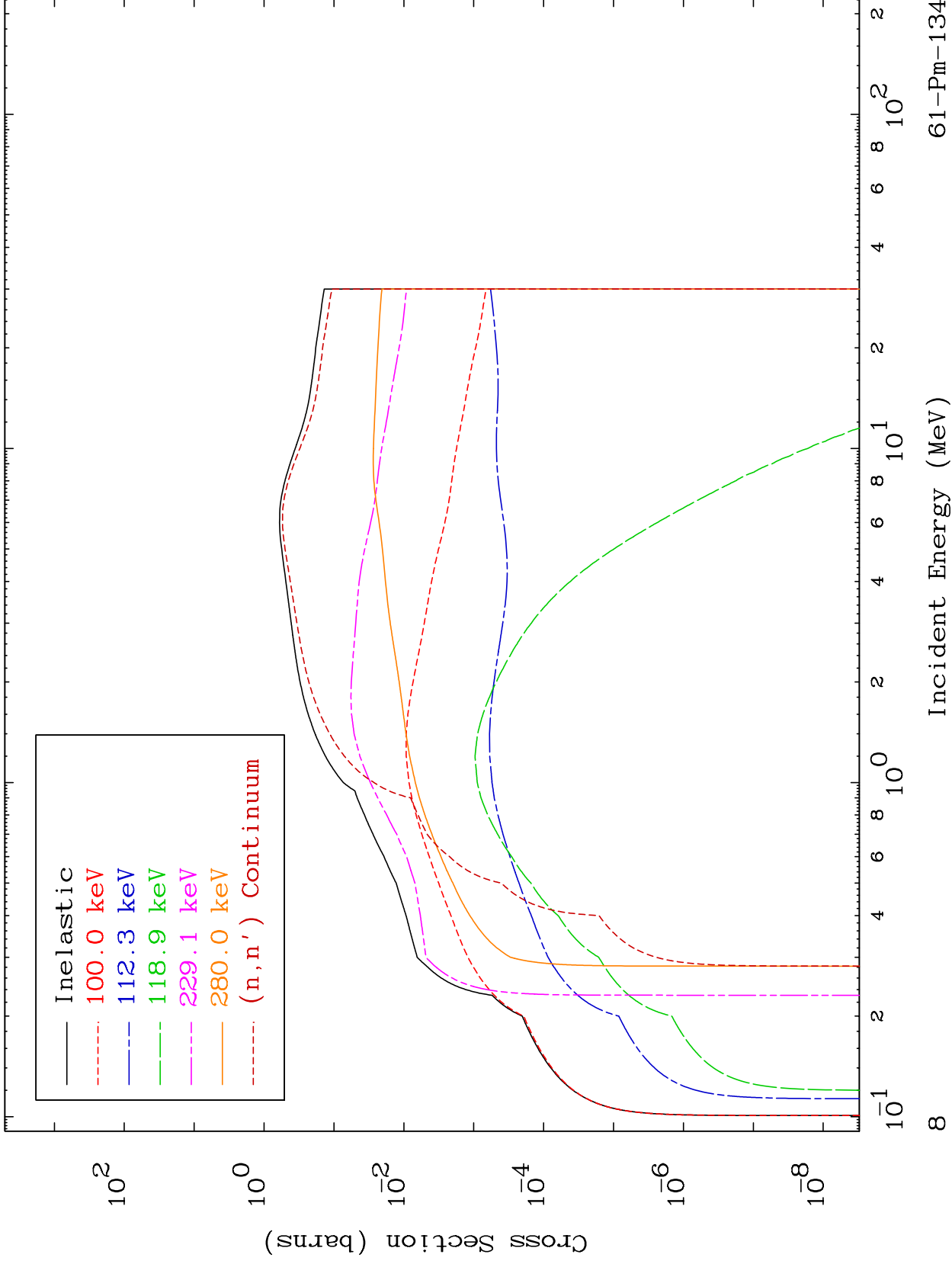
61-Pm-134



MAT 6110

(n,n') Level
293 Kelvin Cross Sections

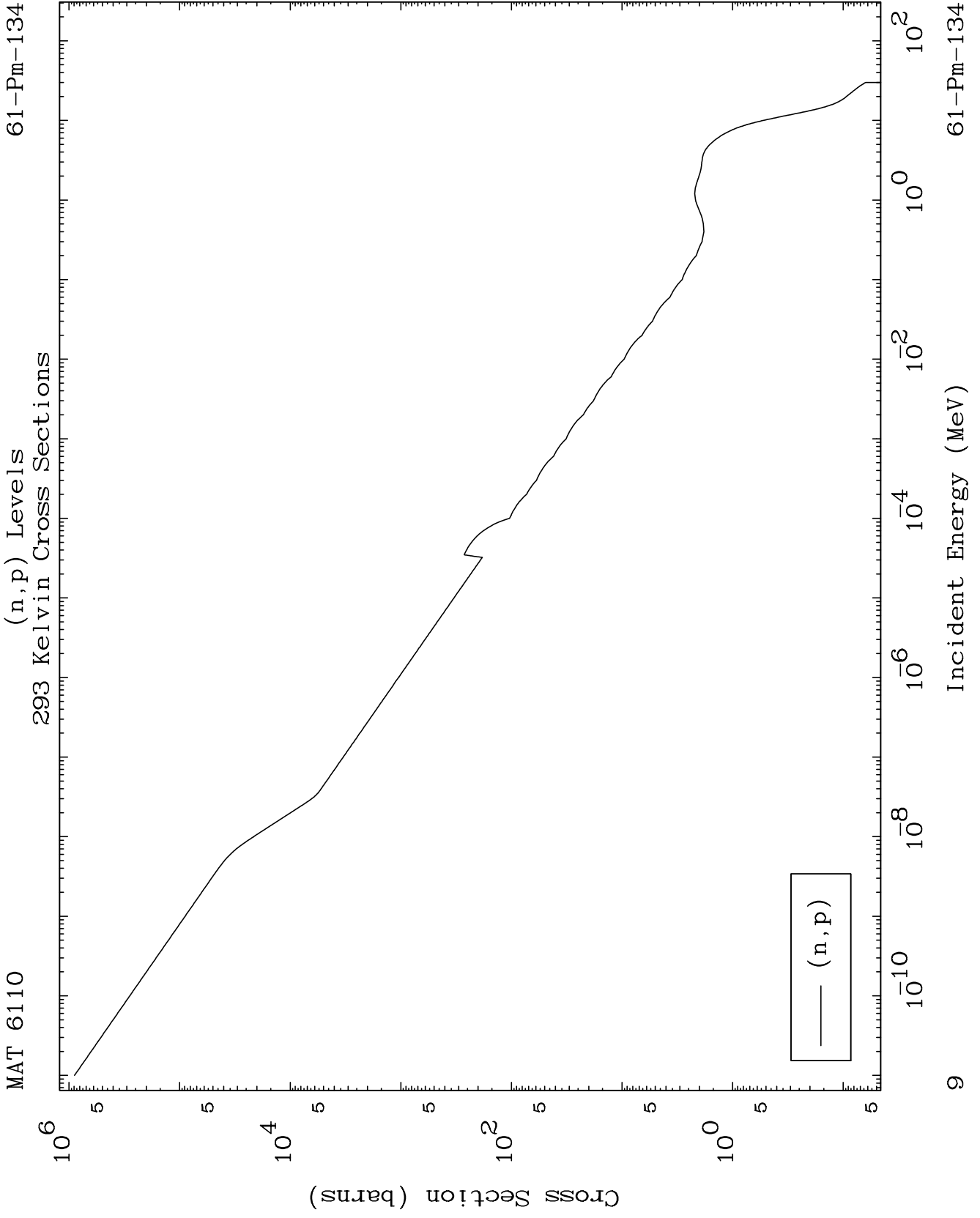
61-Pm-134



61-Pm-134

Incident Energy (MeV)

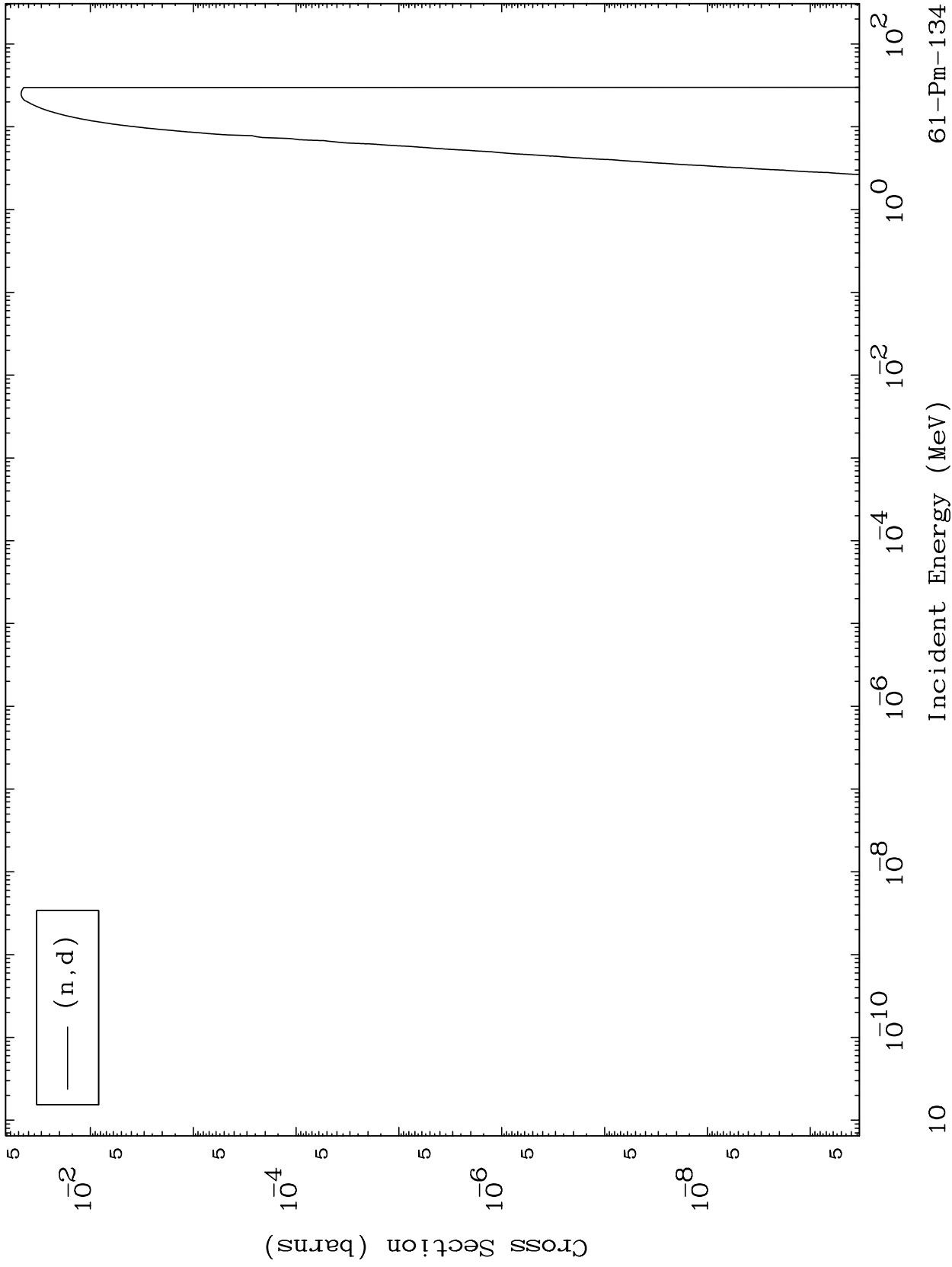
8



MAT 6110

(n,d) Levels
293 Kelvin Cross Sections

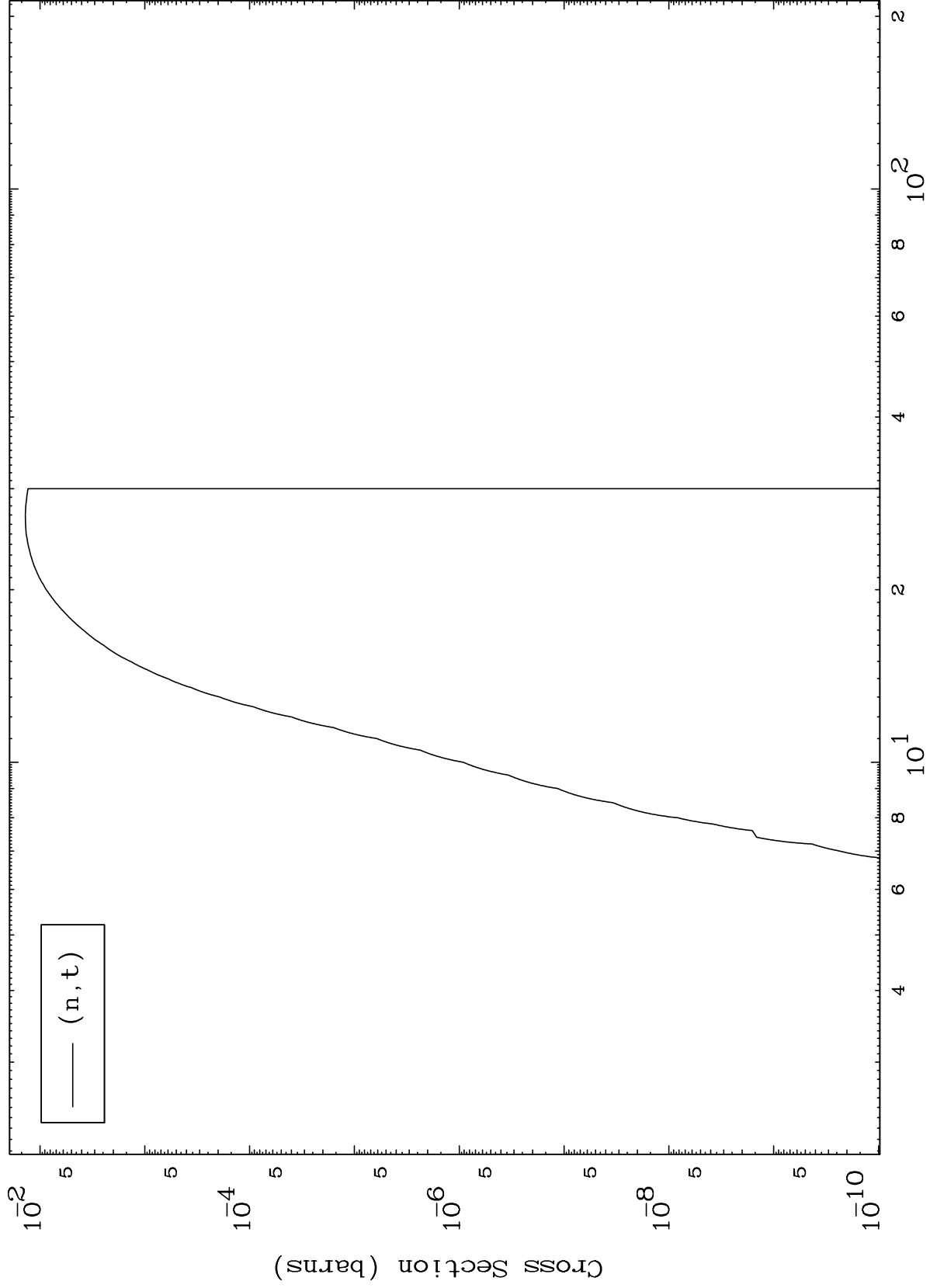
61-Pm-134



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(n,t) Levels
293 Kelvin Cross Sections

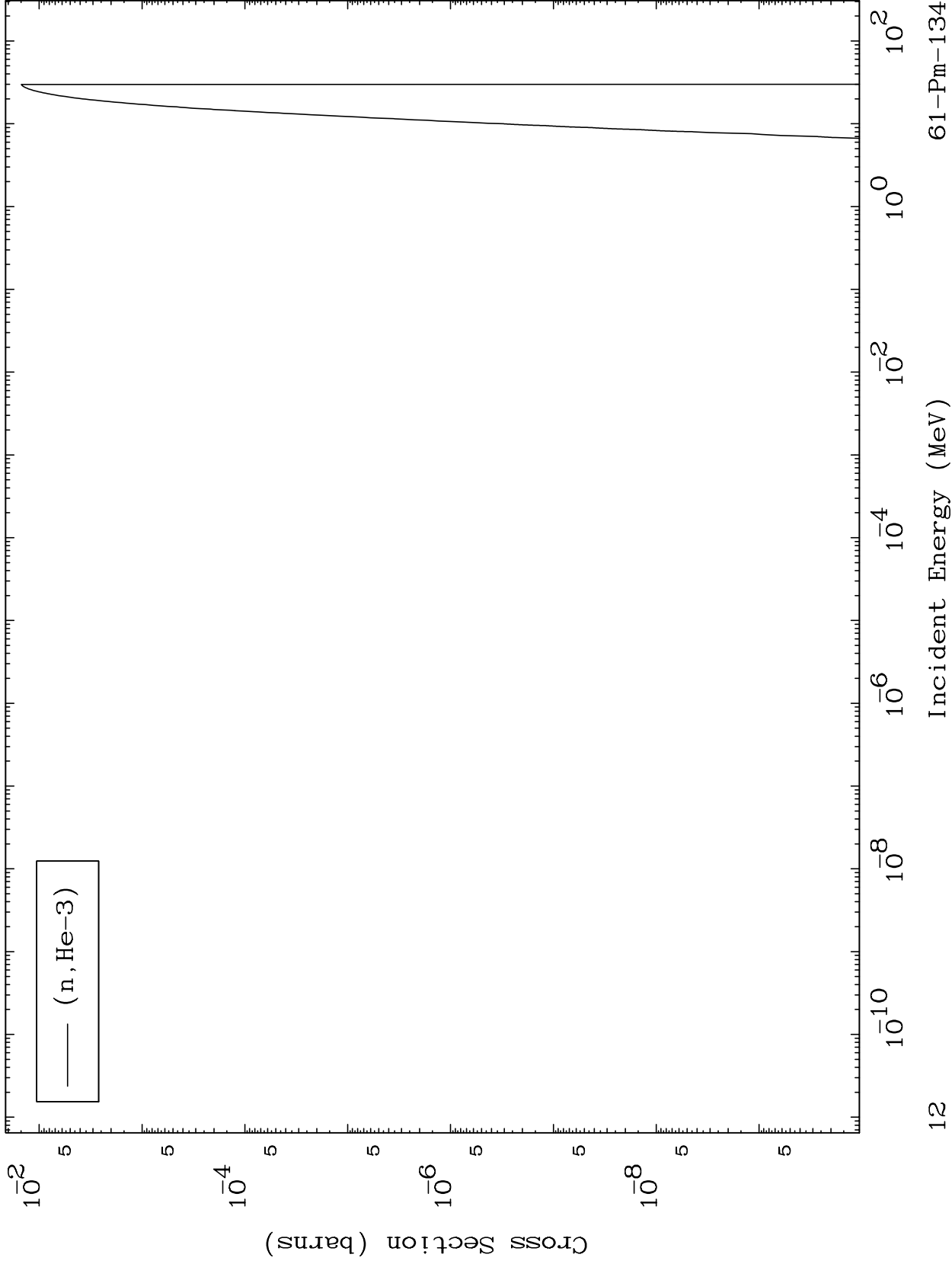
61-Pm-134



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(n,He3) Levels
293 Kelvin Cross Sections

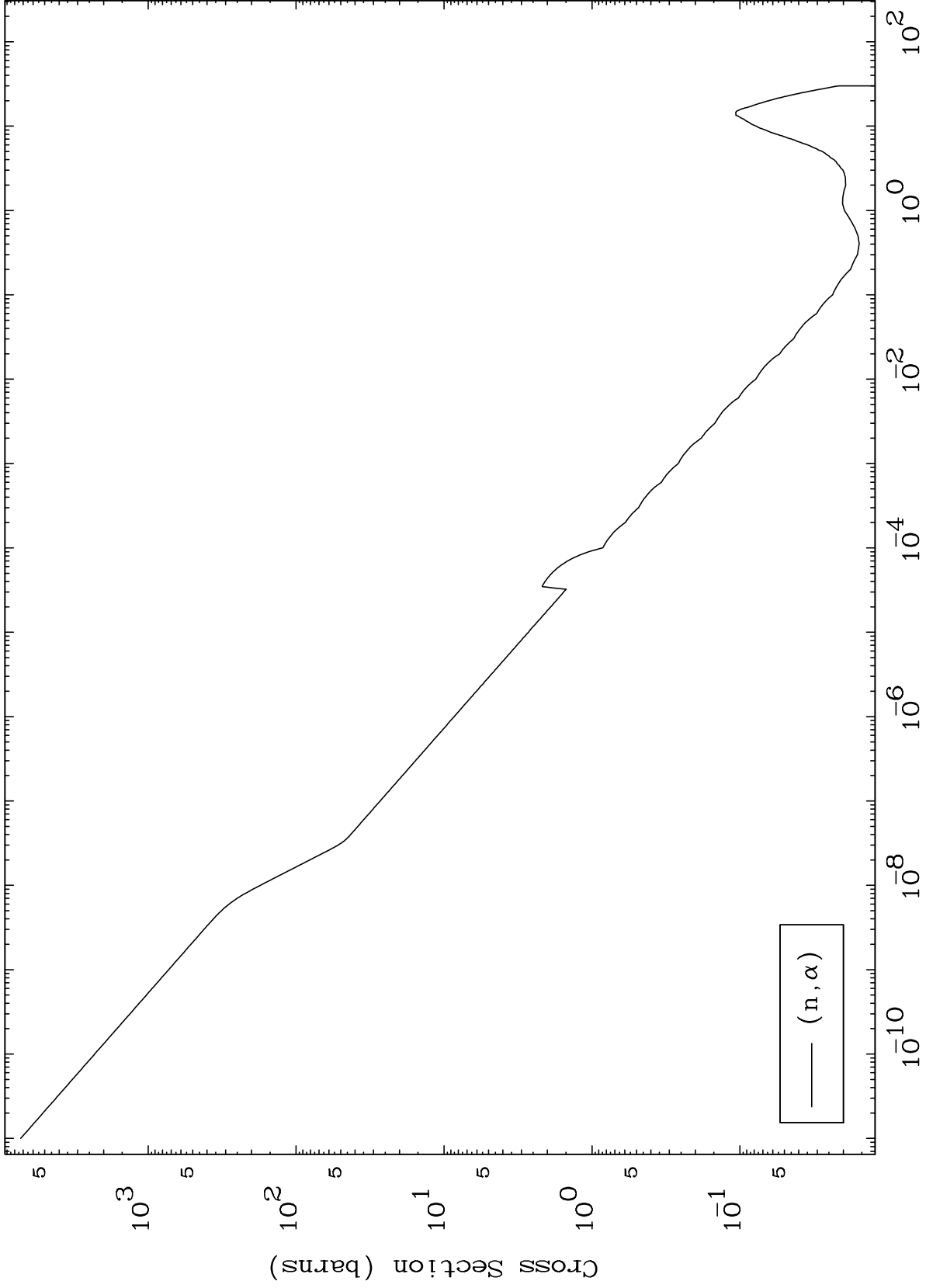
61-Pm-134



MAT 6110

(n,α) Levels
293 Kelvin Cross Sections

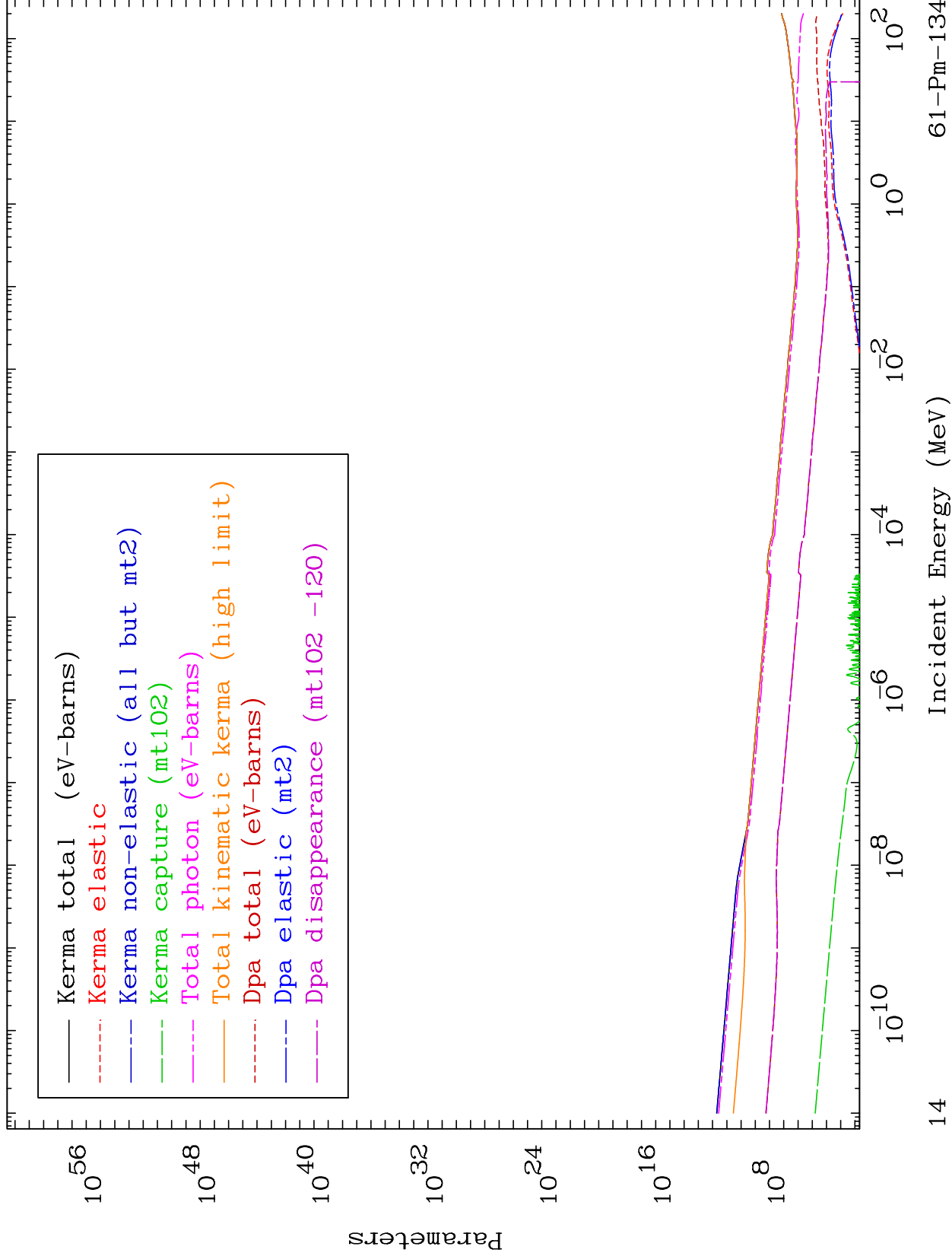
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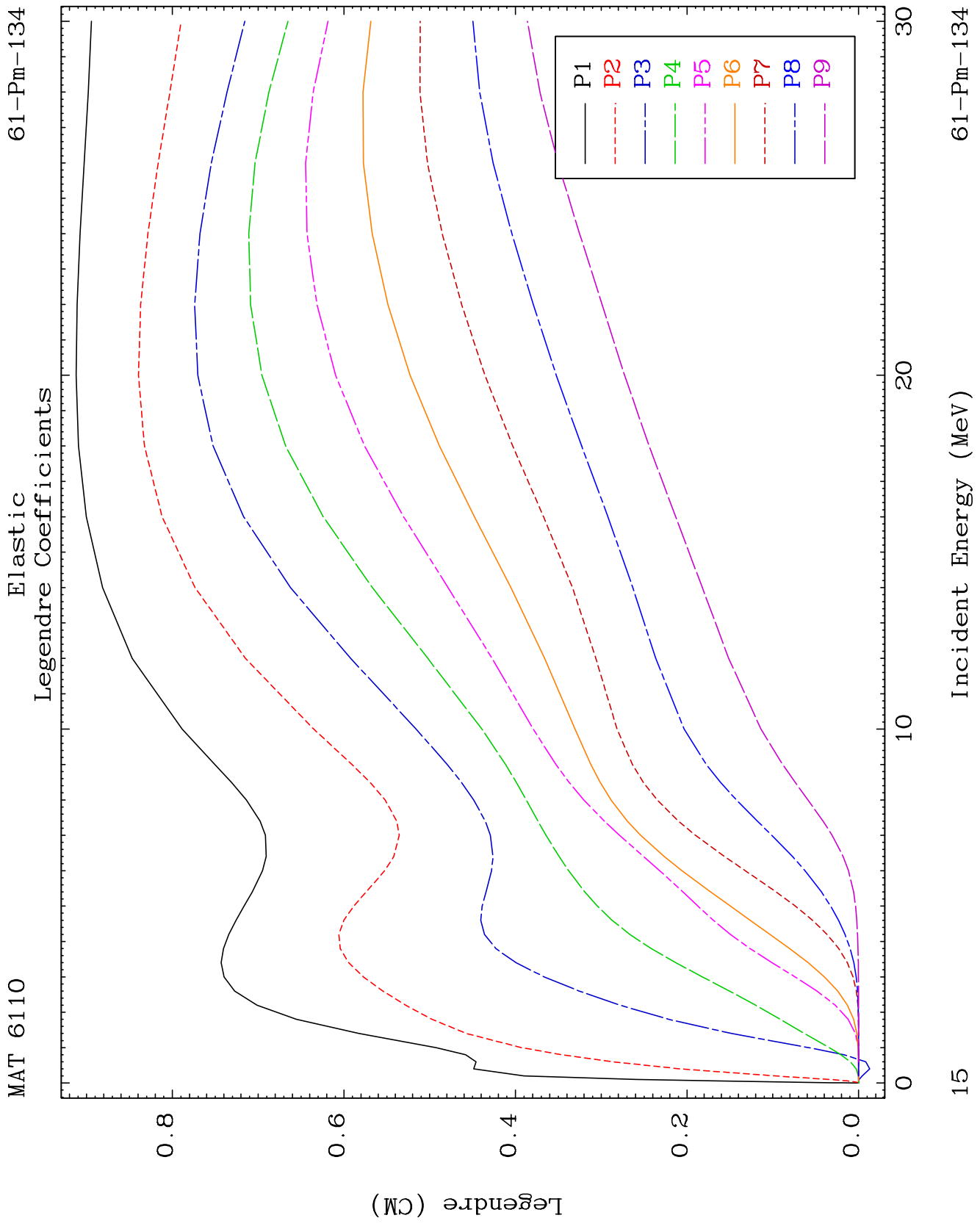


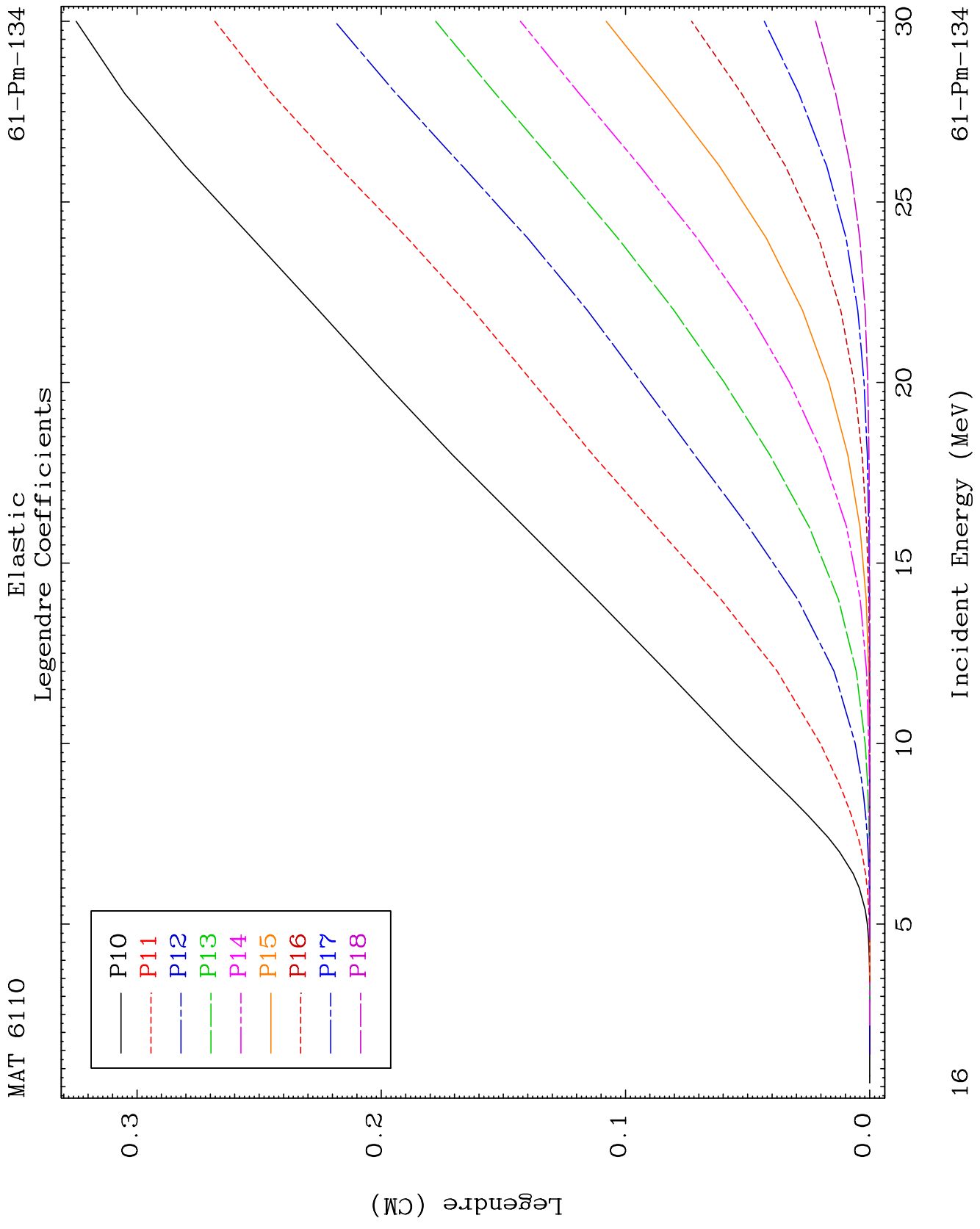
13

Incident Energy (MeV)

61-Pm-134



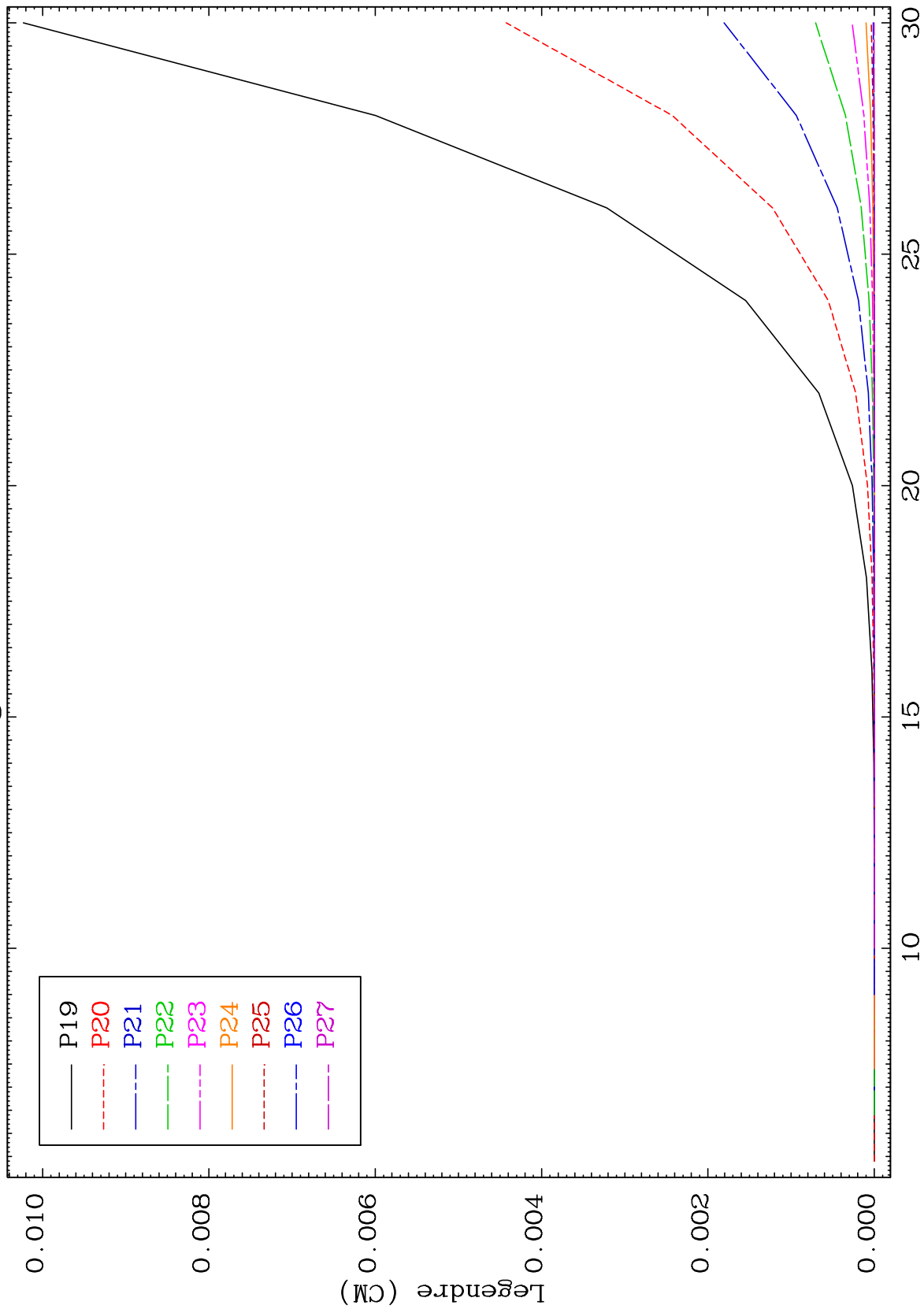




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Elastic Legendre Coefficients

61-Pm-134



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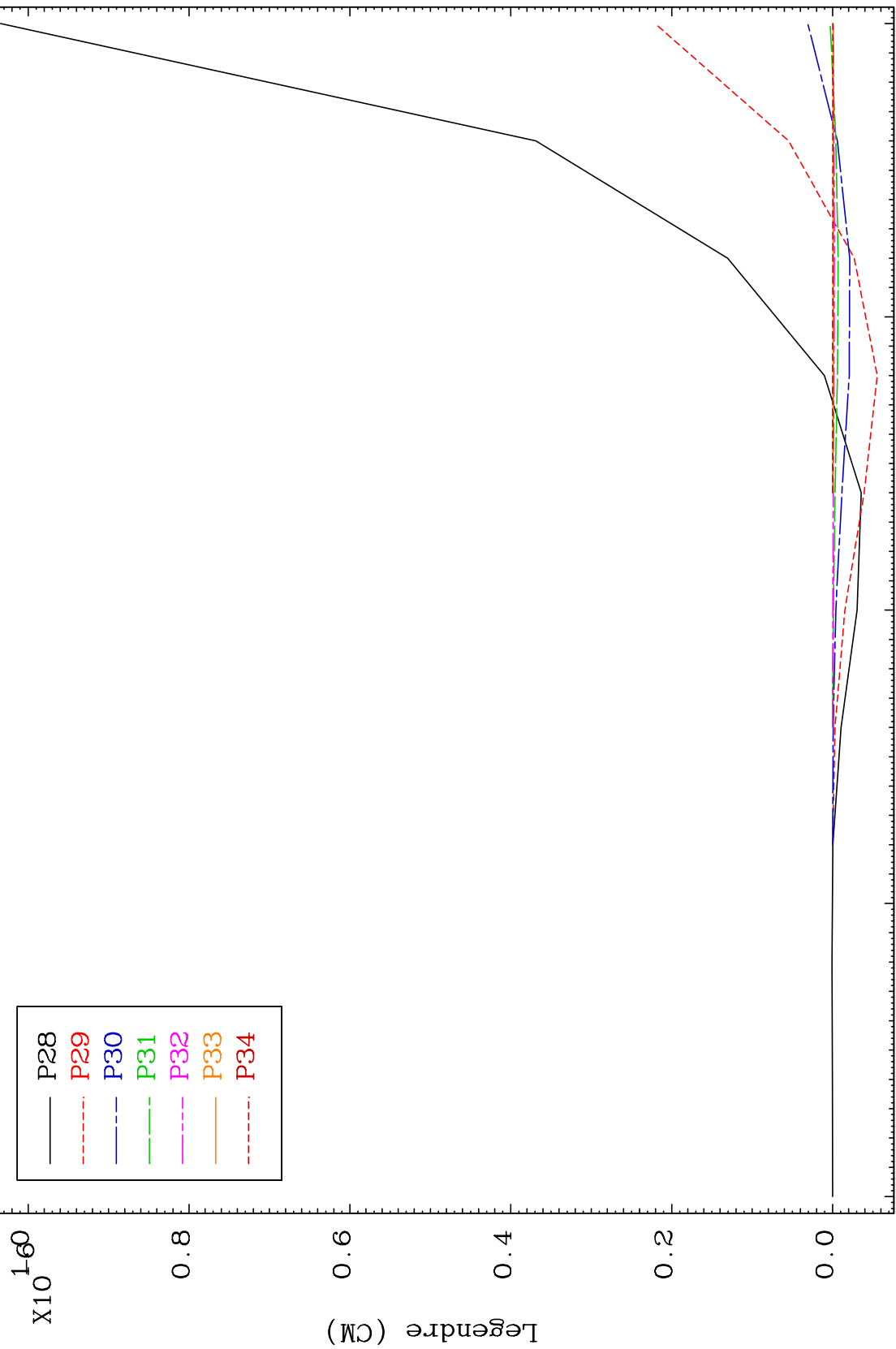
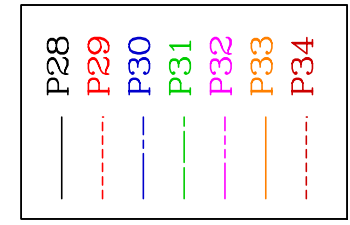
Incident Energy (MeV)

61-Pm-134

MAT 6110

Elastic Legendre Coefficients

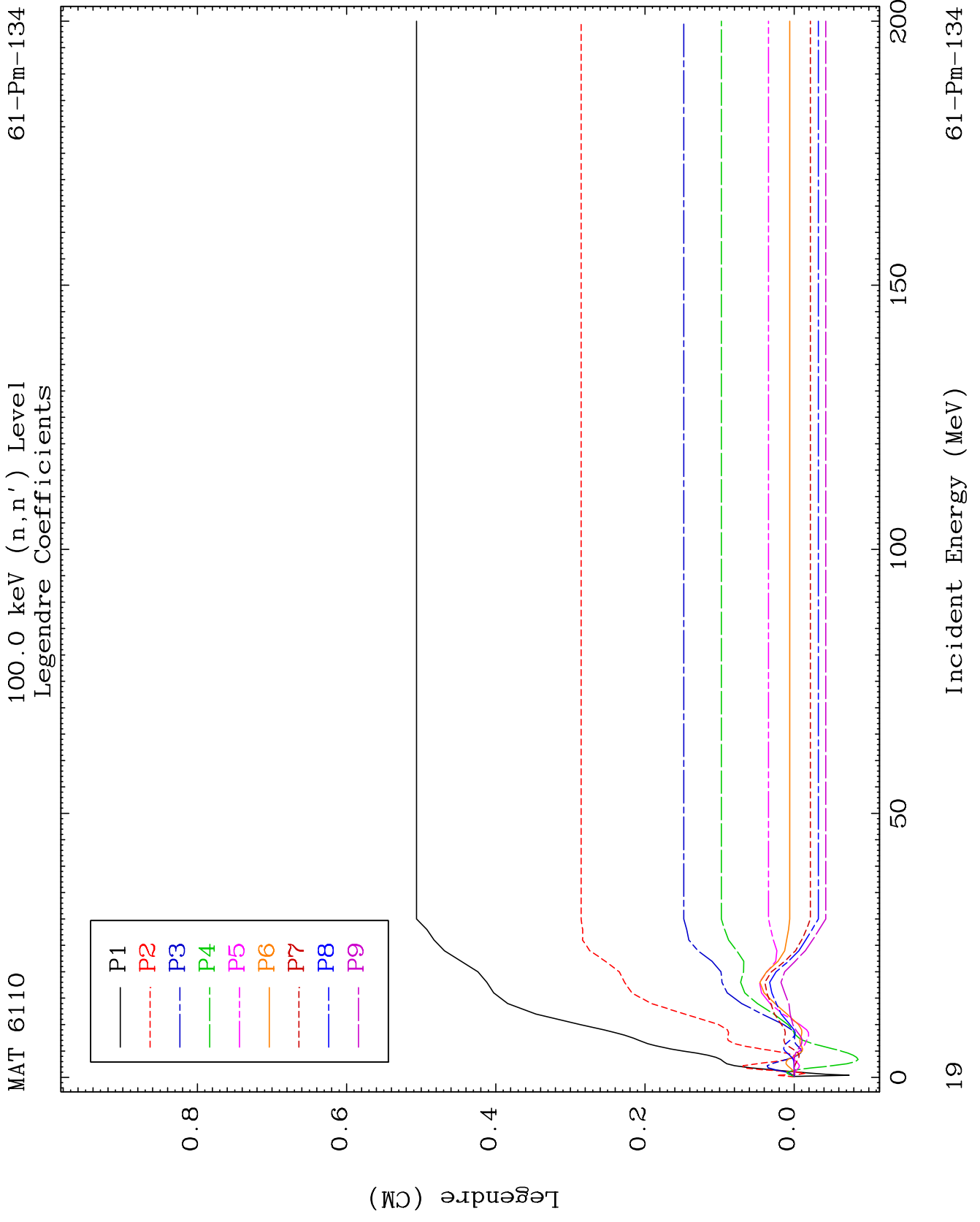
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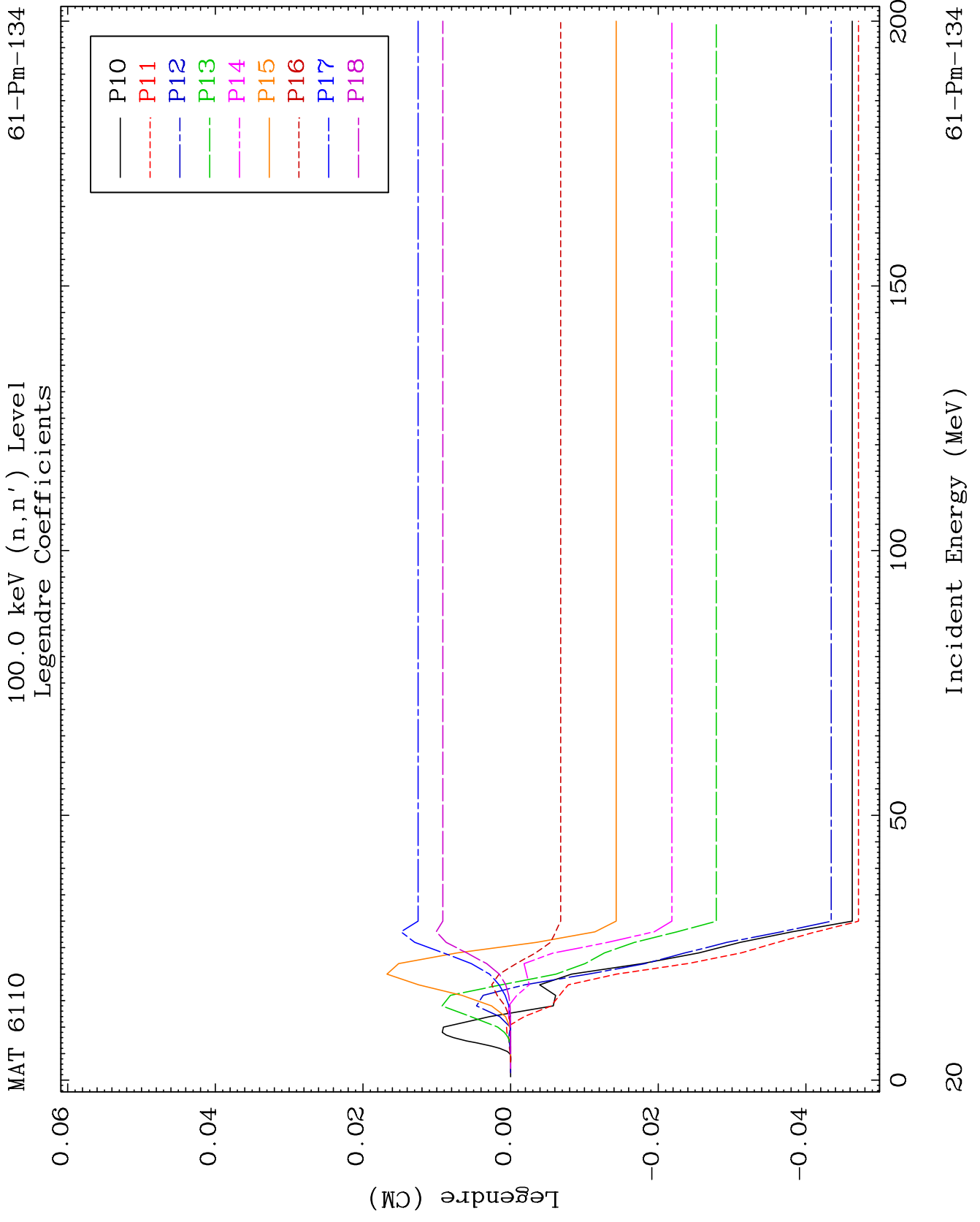


18

Incident Energy (MeV)

61-Pm-134

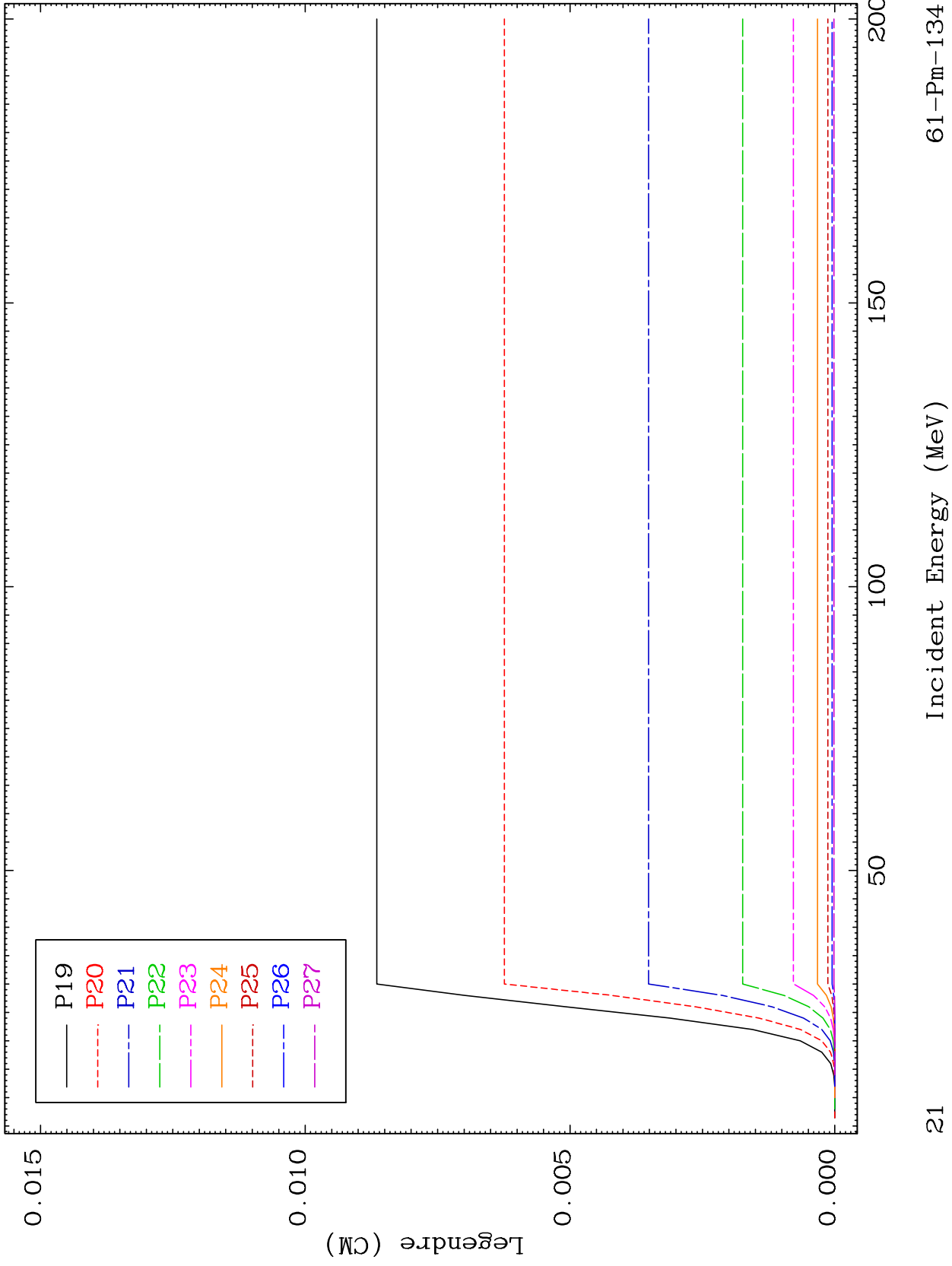




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100.0 keV (n,n') Level
Legendre Coefficients

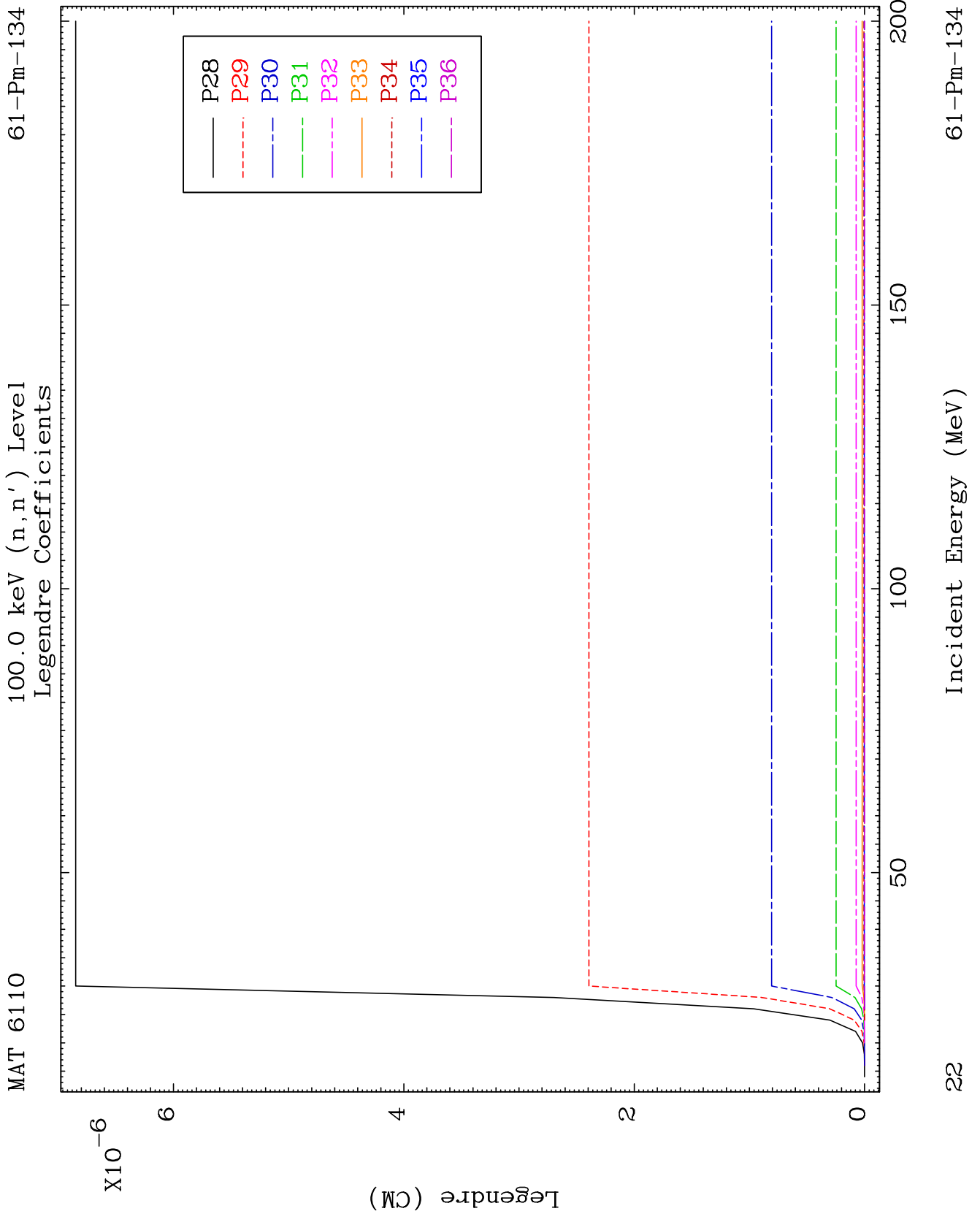
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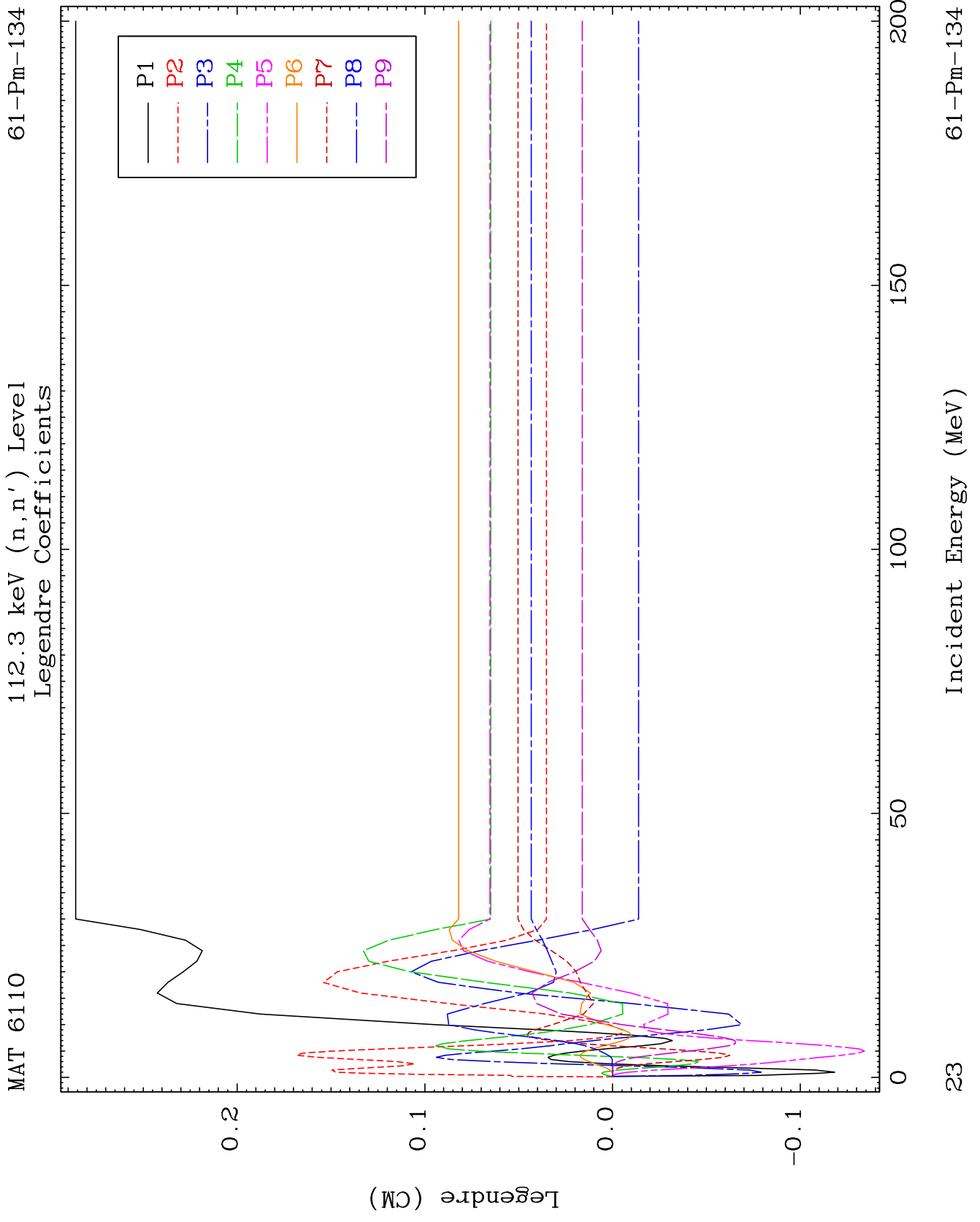


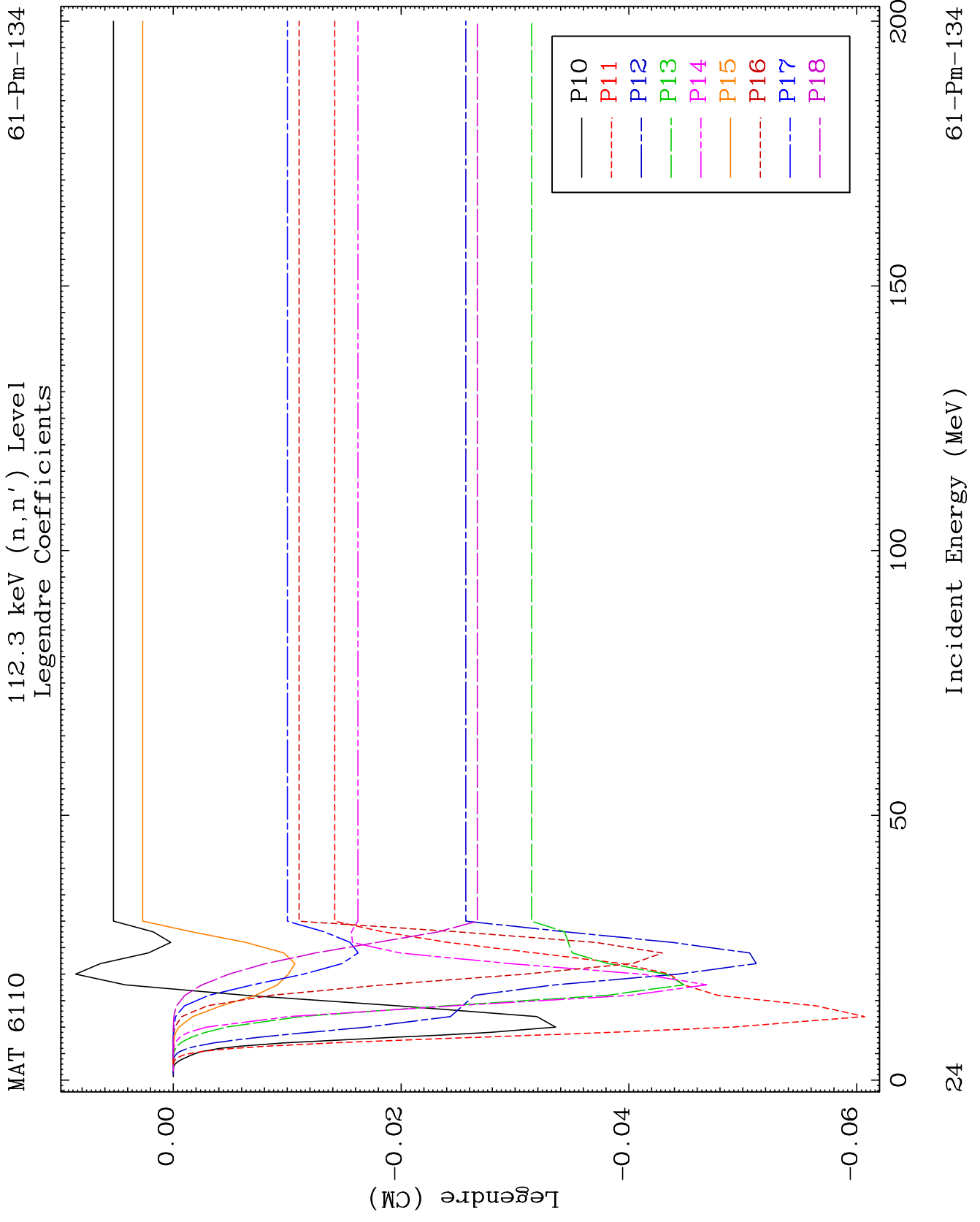
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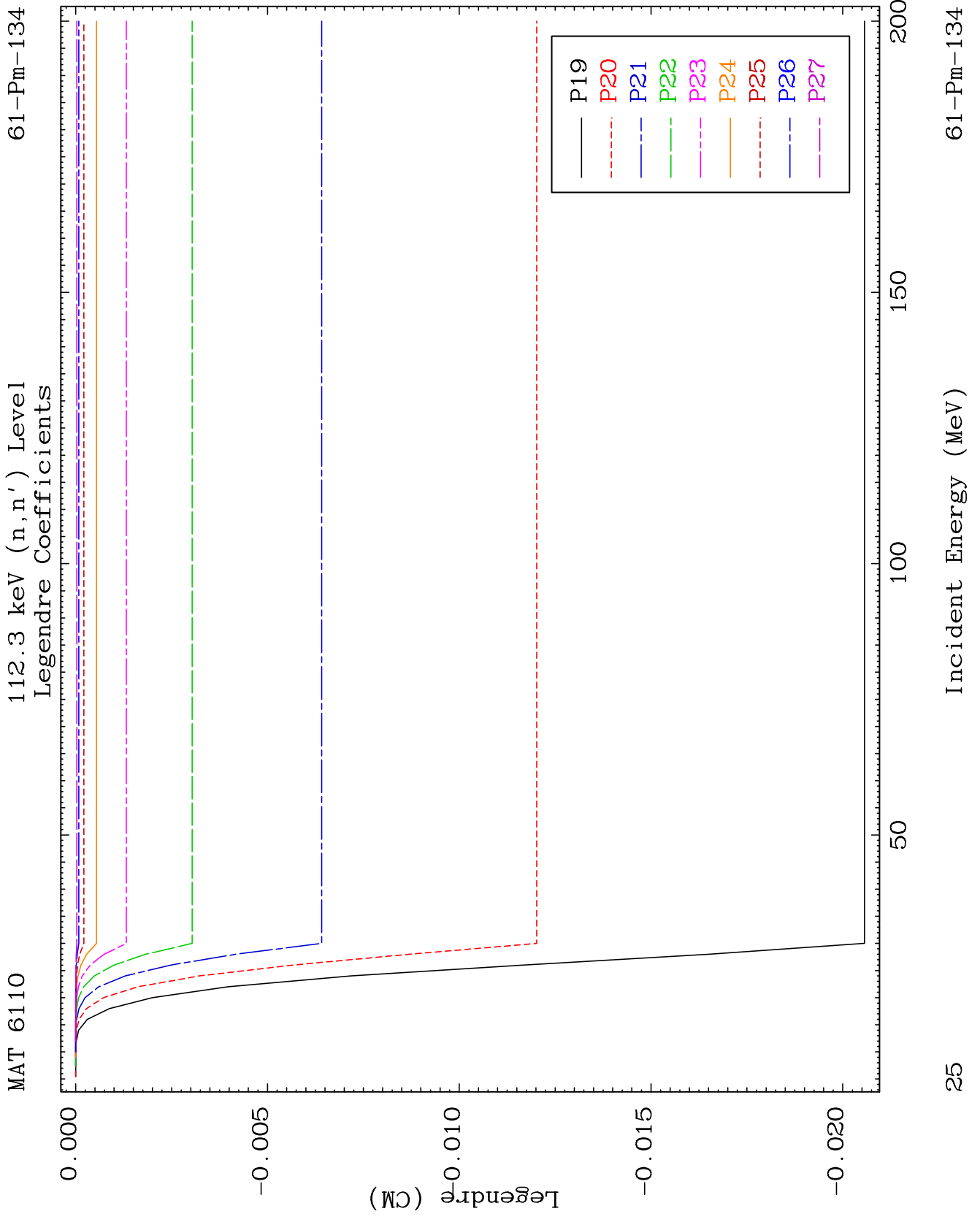
Incident Energy (MeV)

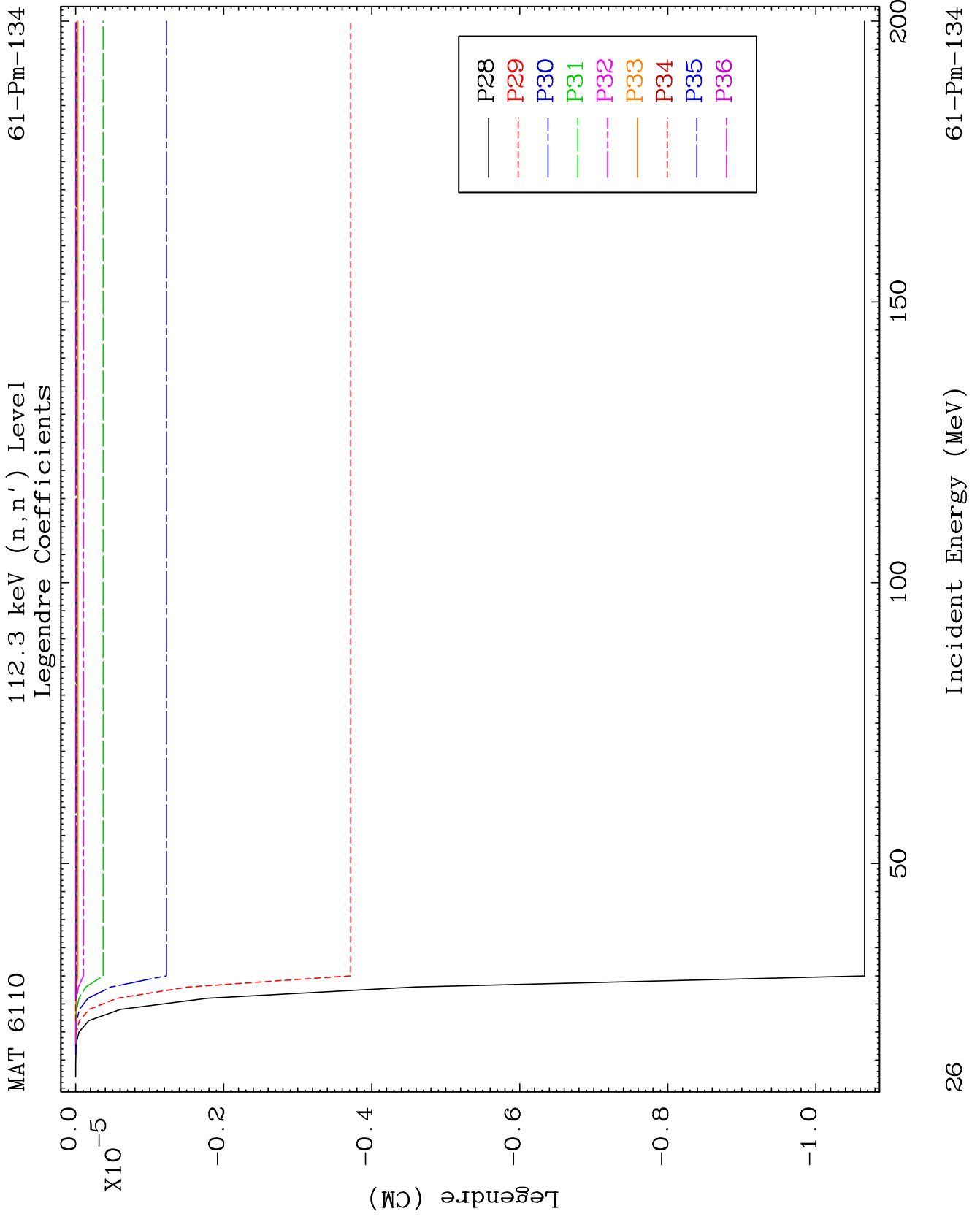
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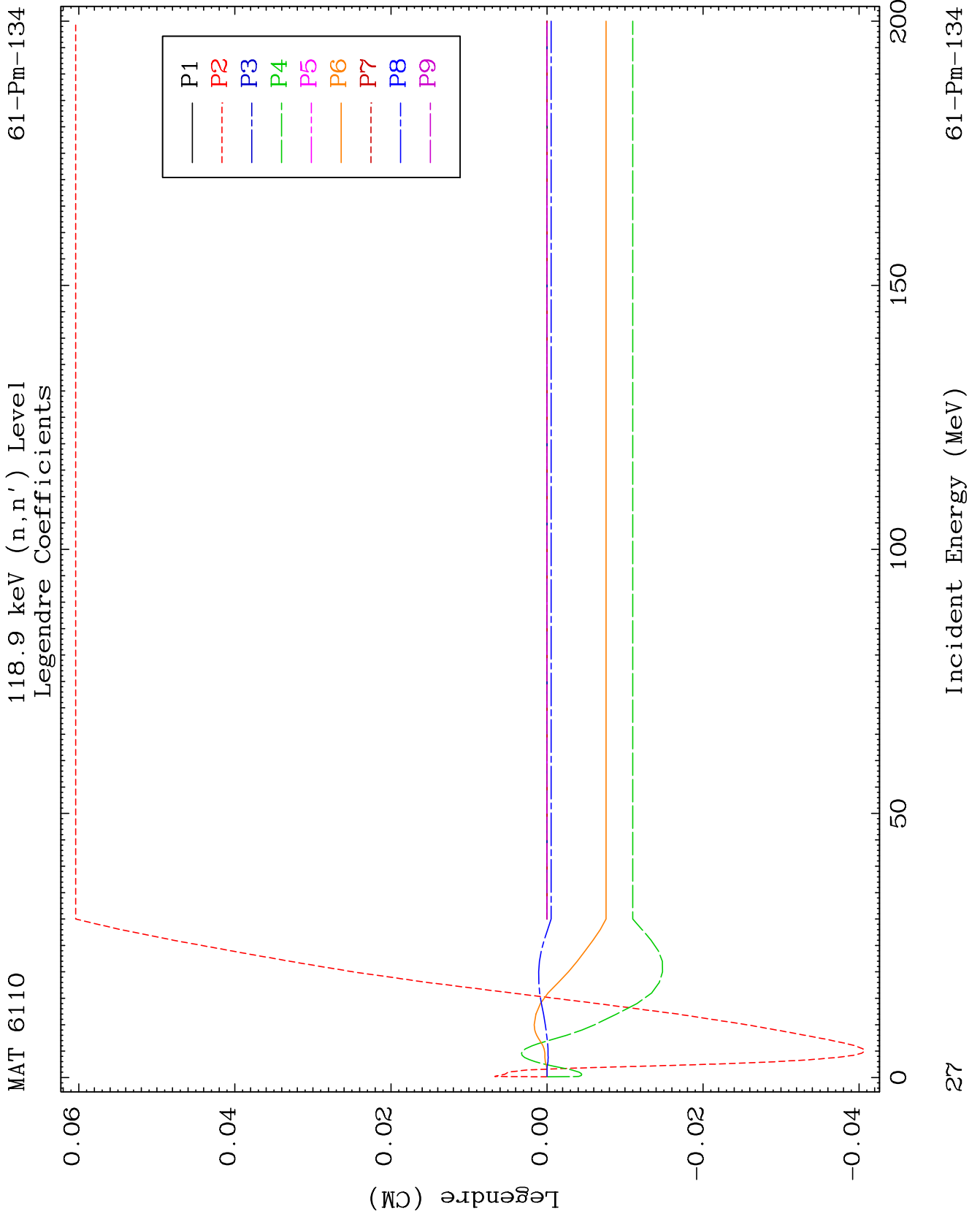


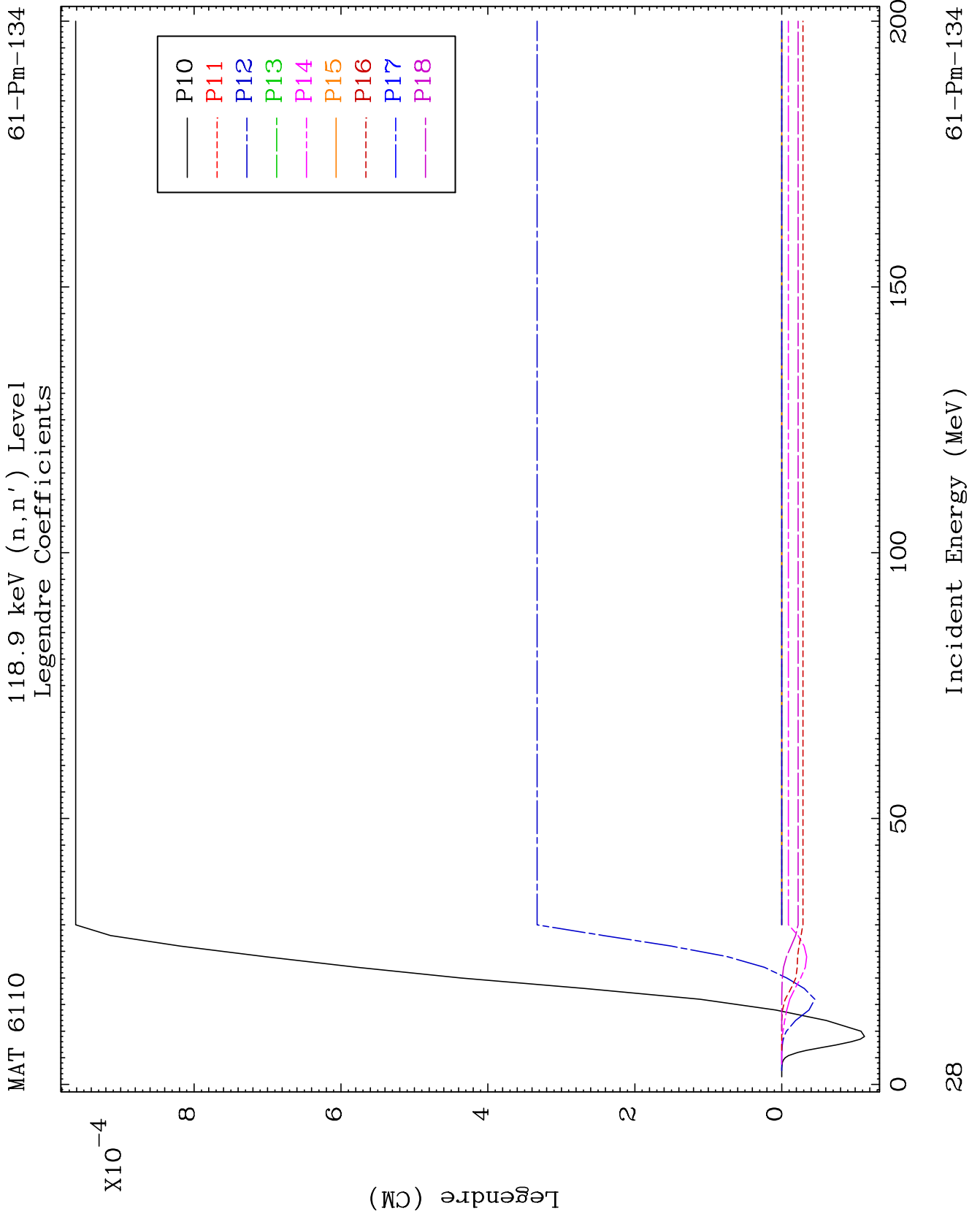


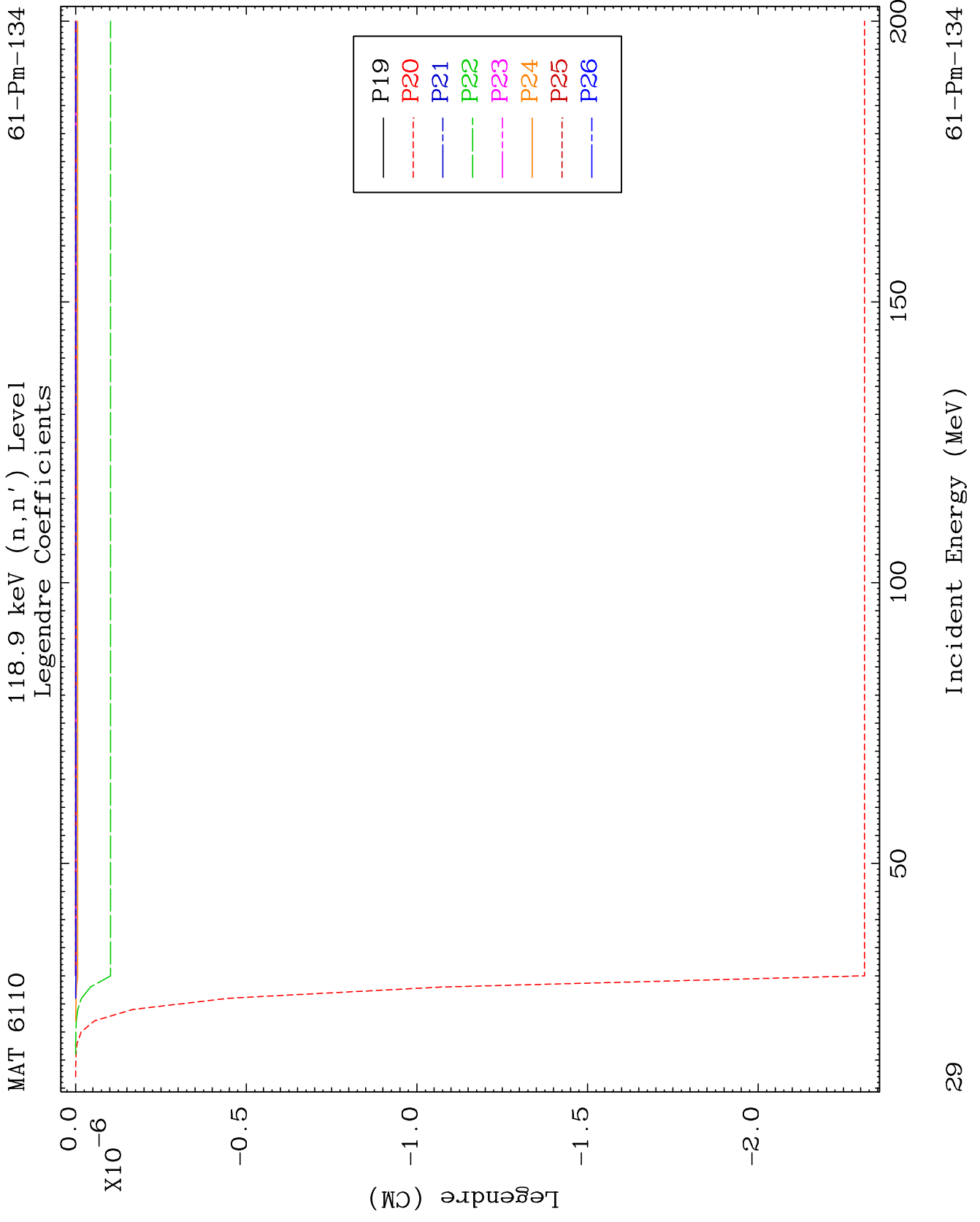


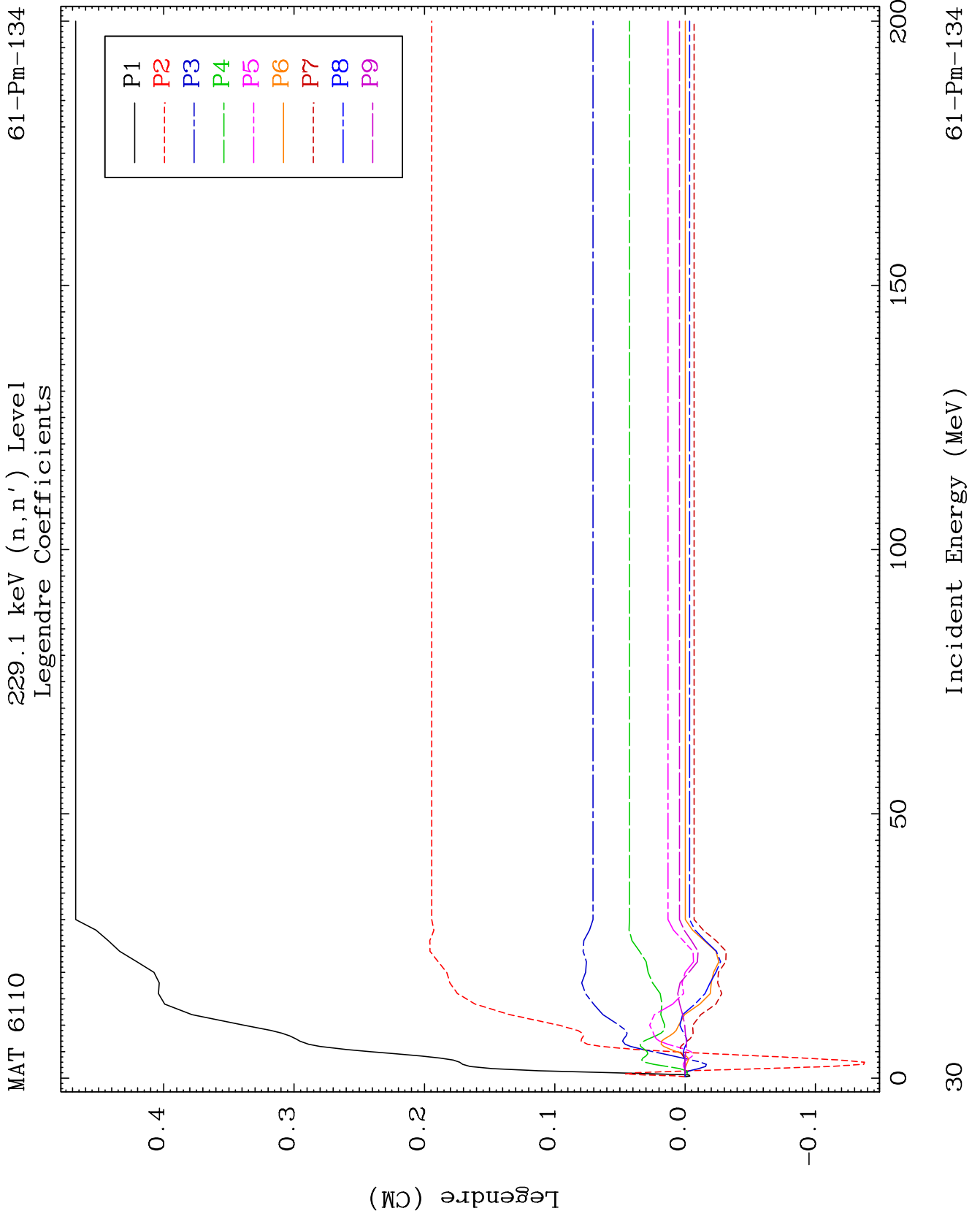








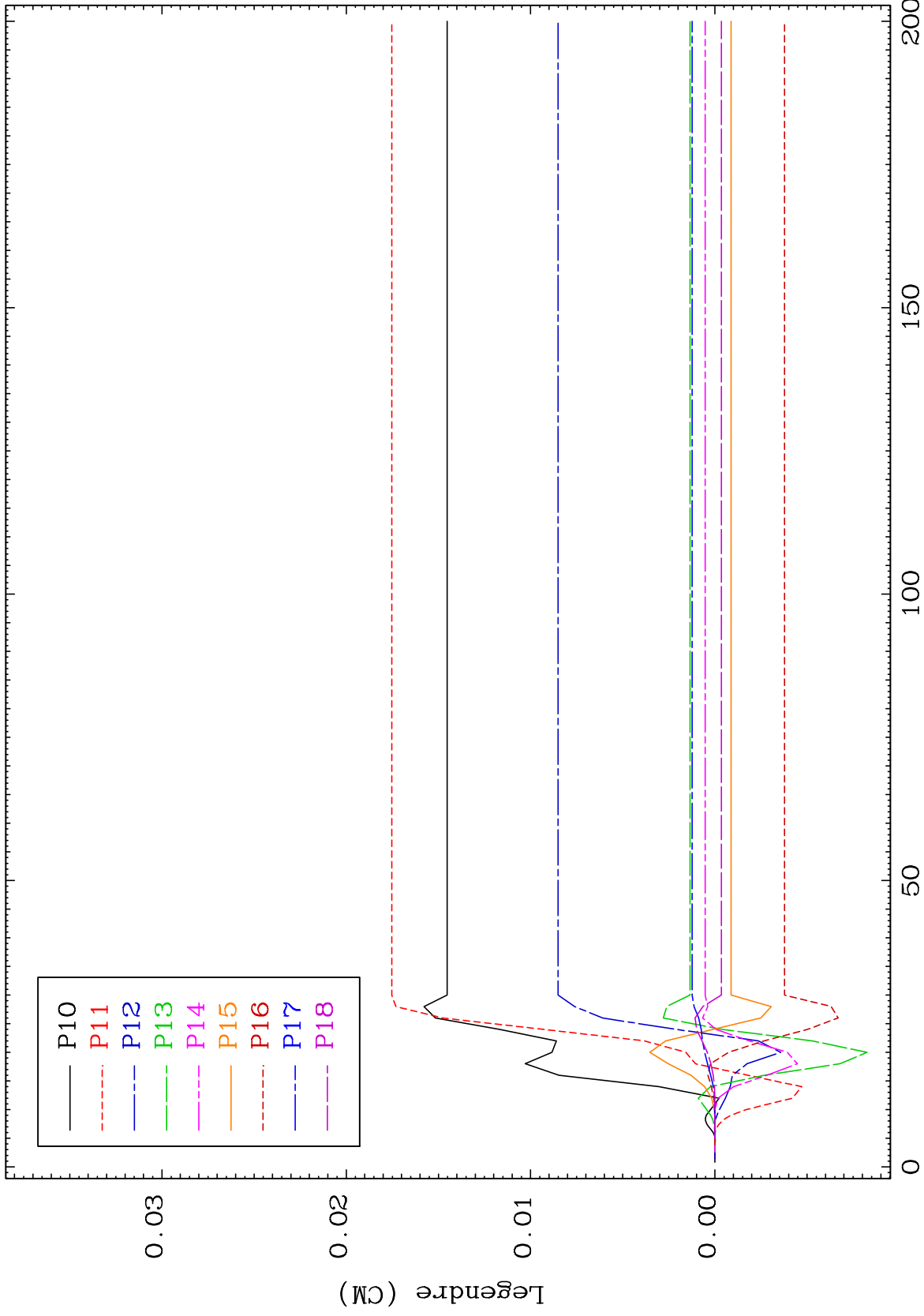




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229.1 keV (n, n') Level
Legendre Coefficients

61-Pm-134



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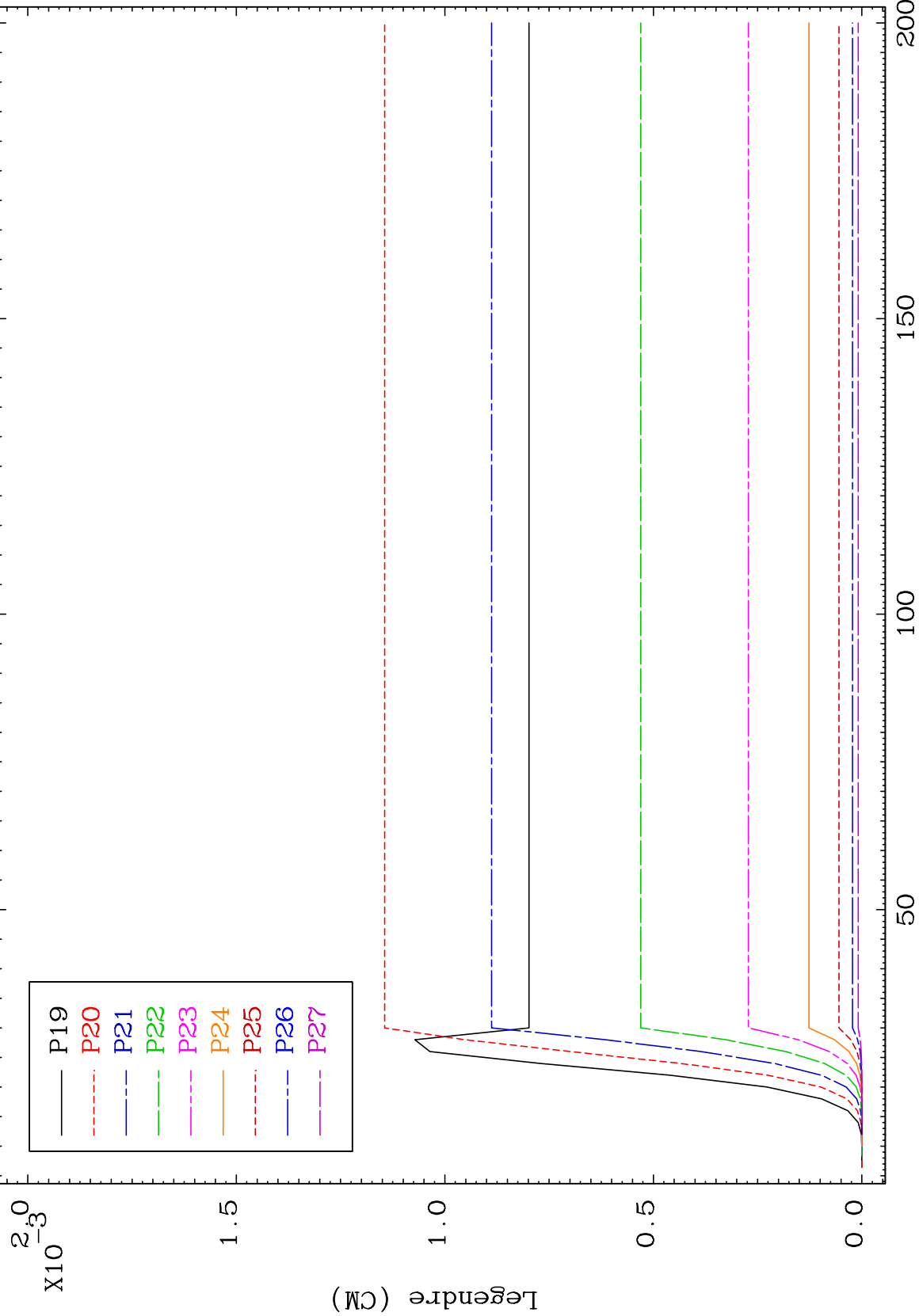
Incident Energy (MeV)

61-Pm-134

MAT 6110

229.1 keV (n,n') Level
Legendre Coefficients

61-Pm-134



32

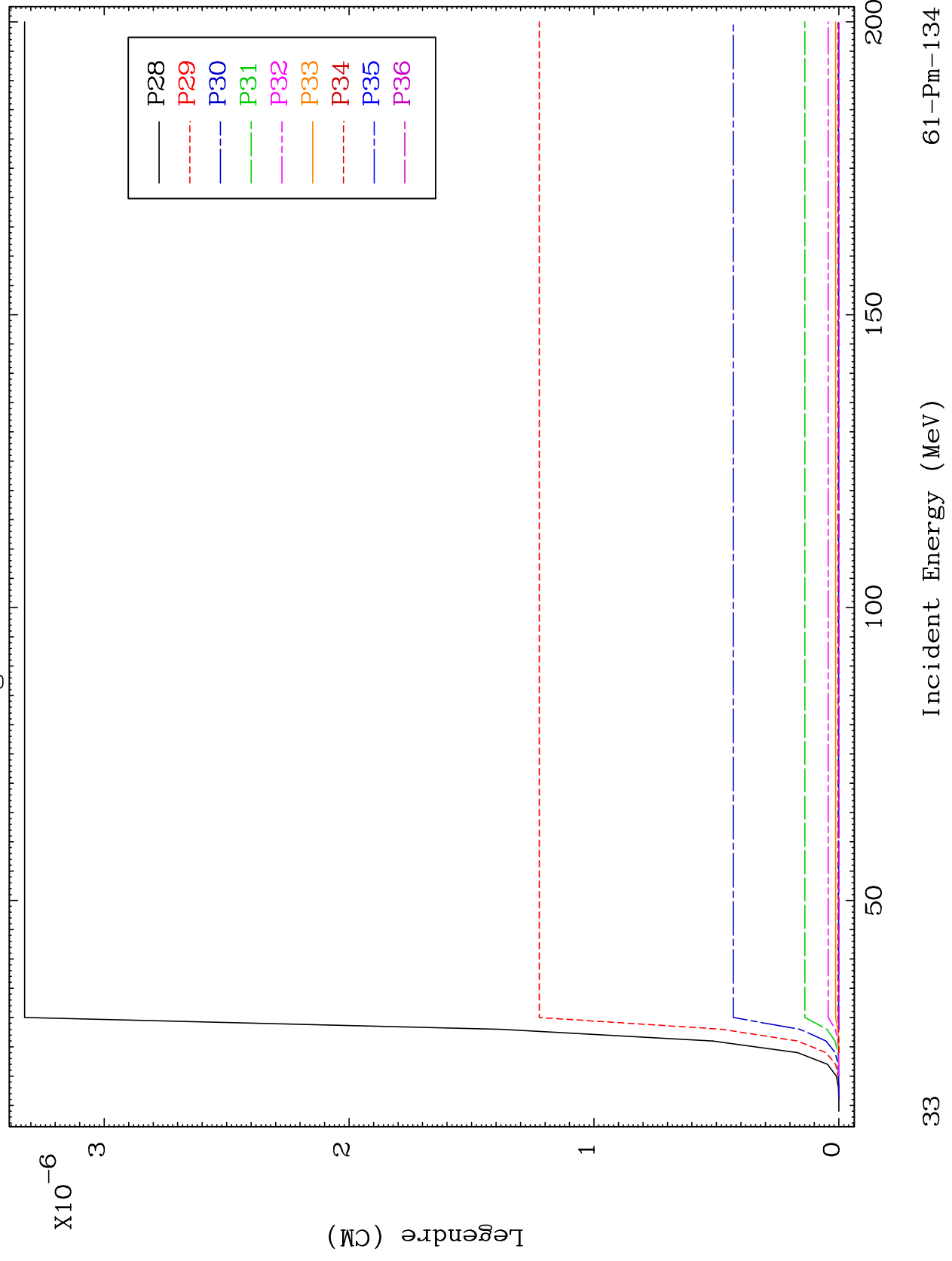
Incident Energy (MeV)

61-Pm-134

MAT 6110

229.1 keV (n,n') Level
Legendre Coefficients

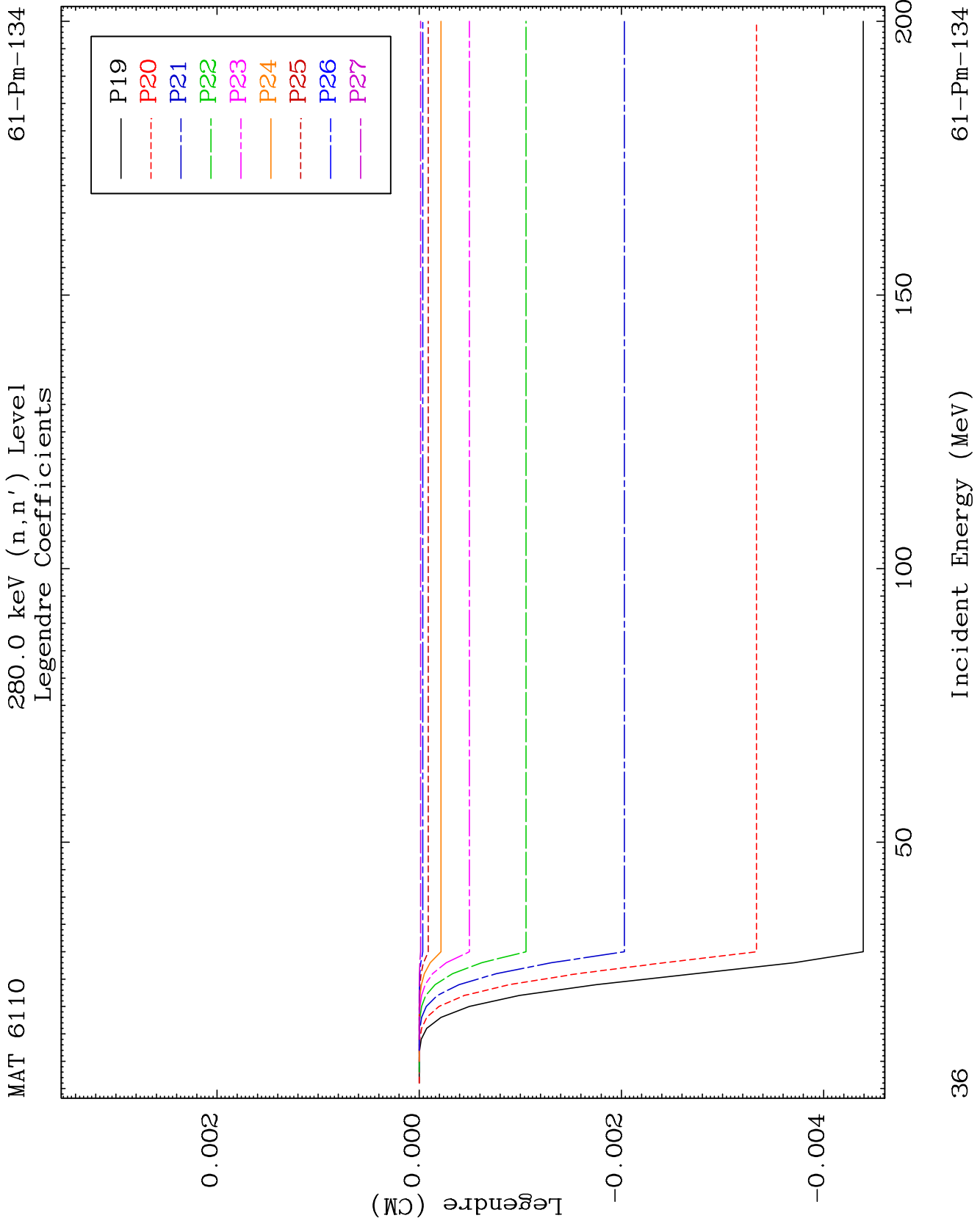
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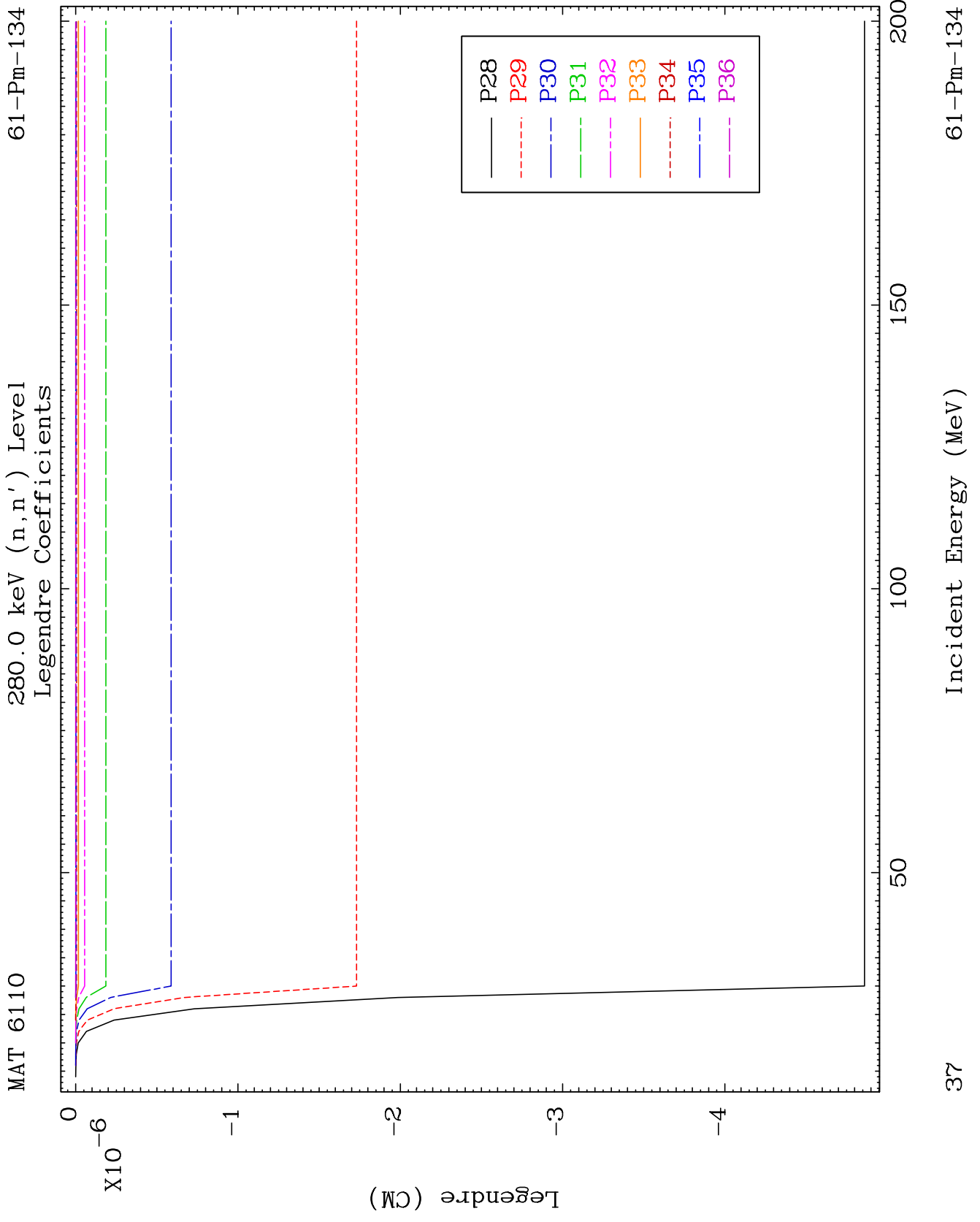


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Incident Energy (MeV)

61-Pm-134

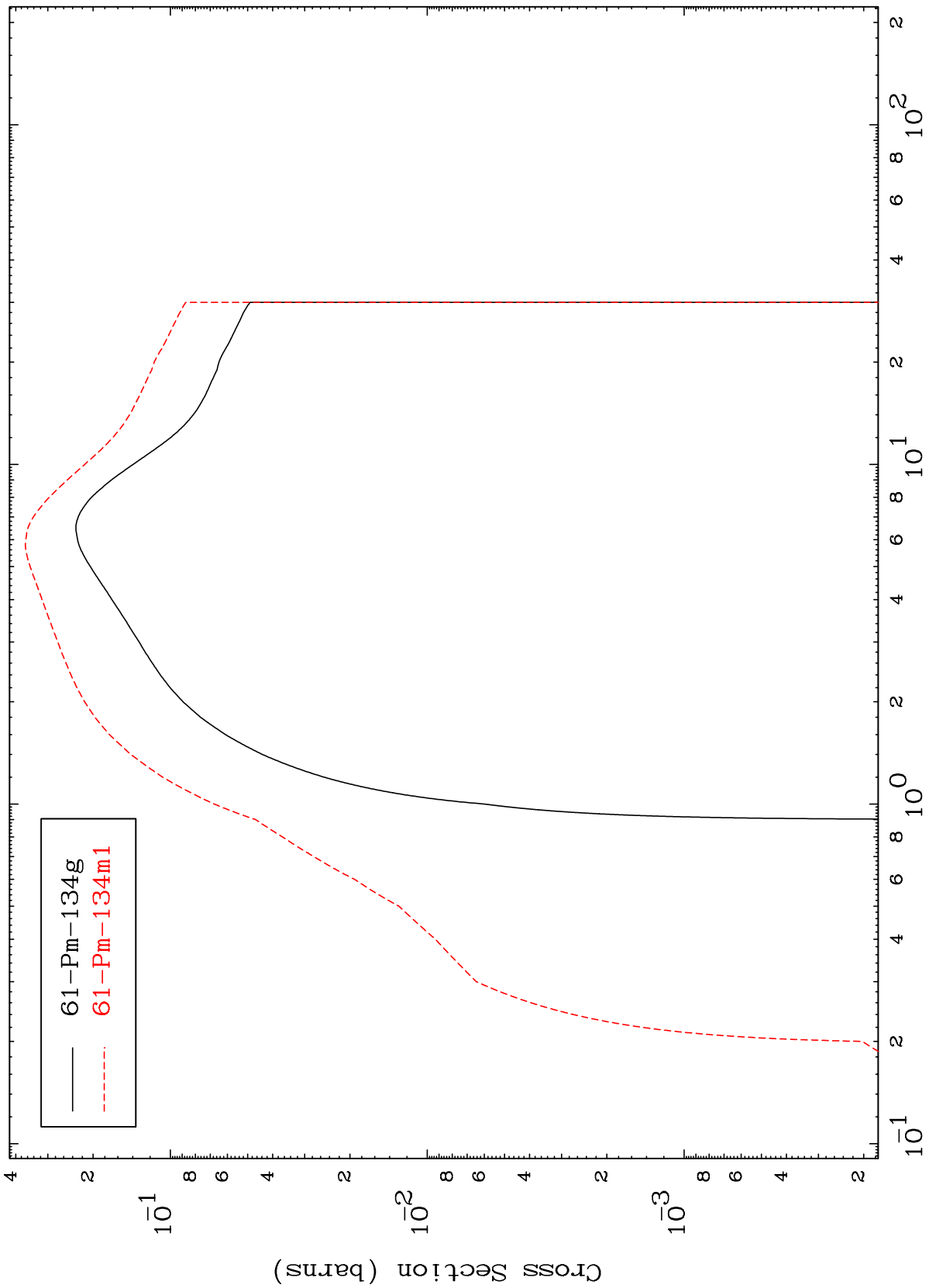




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61-Pm-134

Inelastic
Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

61-Pm-134

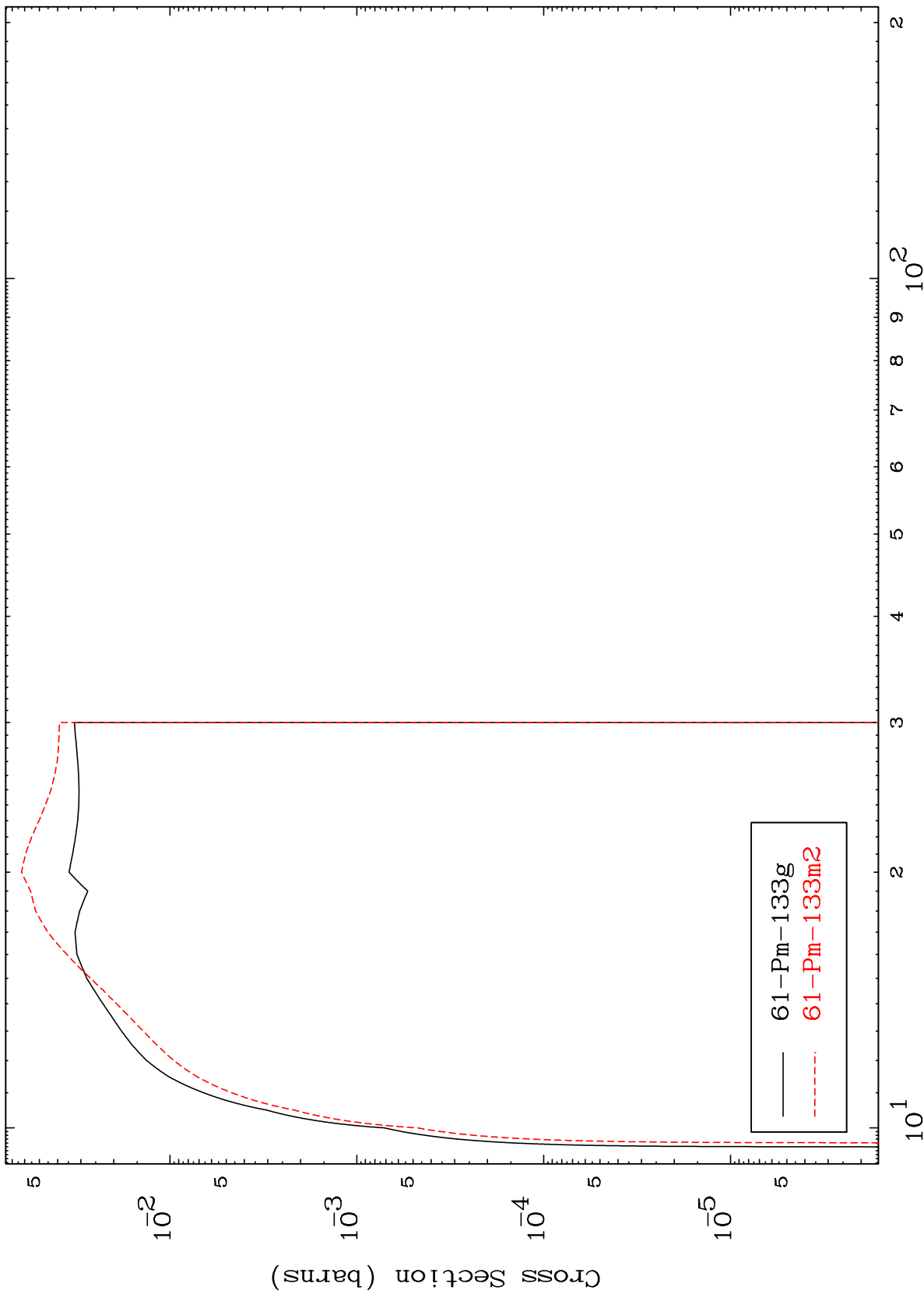
Incident Energy (MeV)

38

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61-Pm-134

(n,2n)
Radionuclide Production Cross Section



61-Pm-134

Incident Energy (MeV)

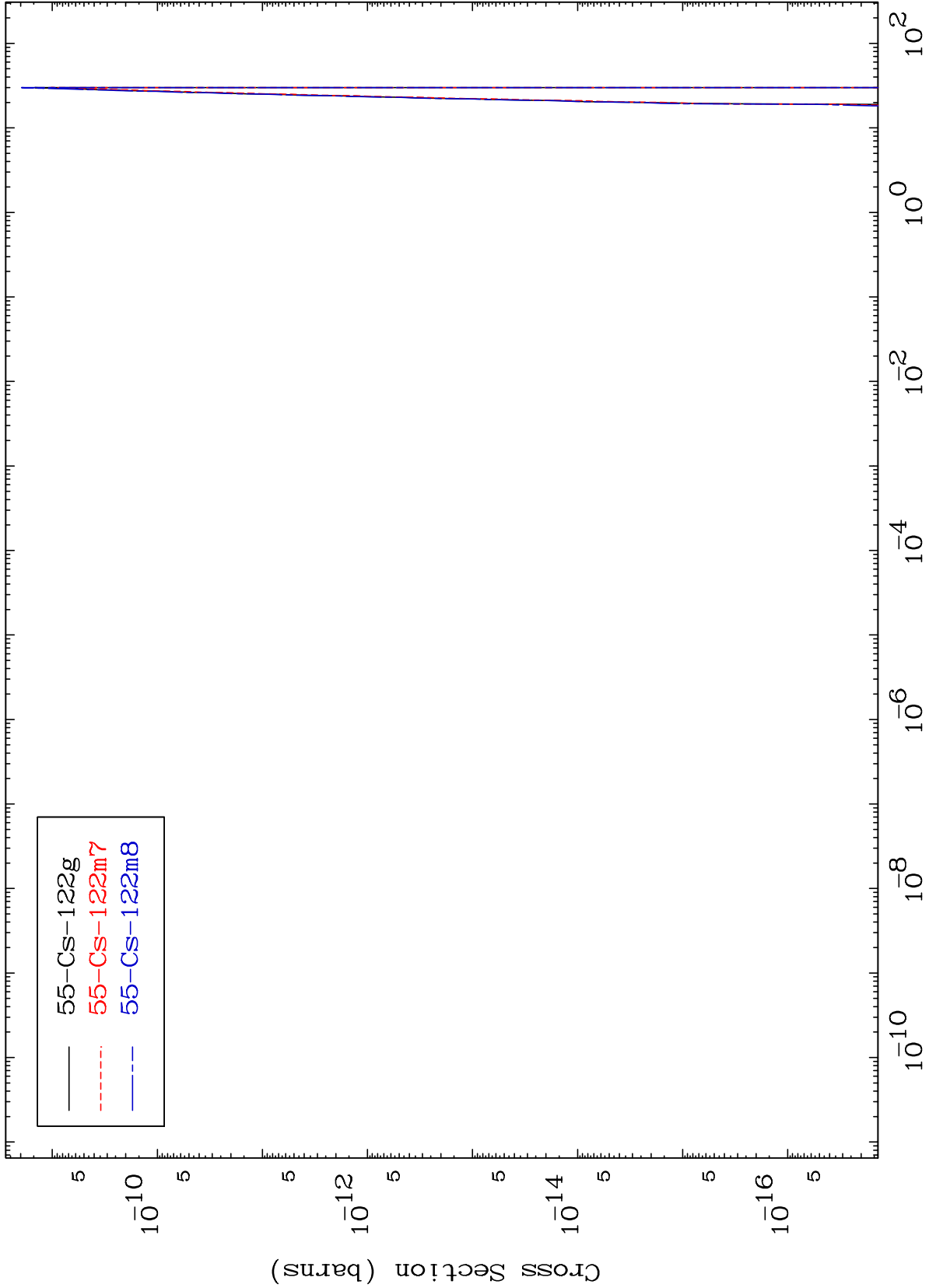
39

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(n,n') 3 α

61-Pm-134

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

40

Incident Energy (MeV)

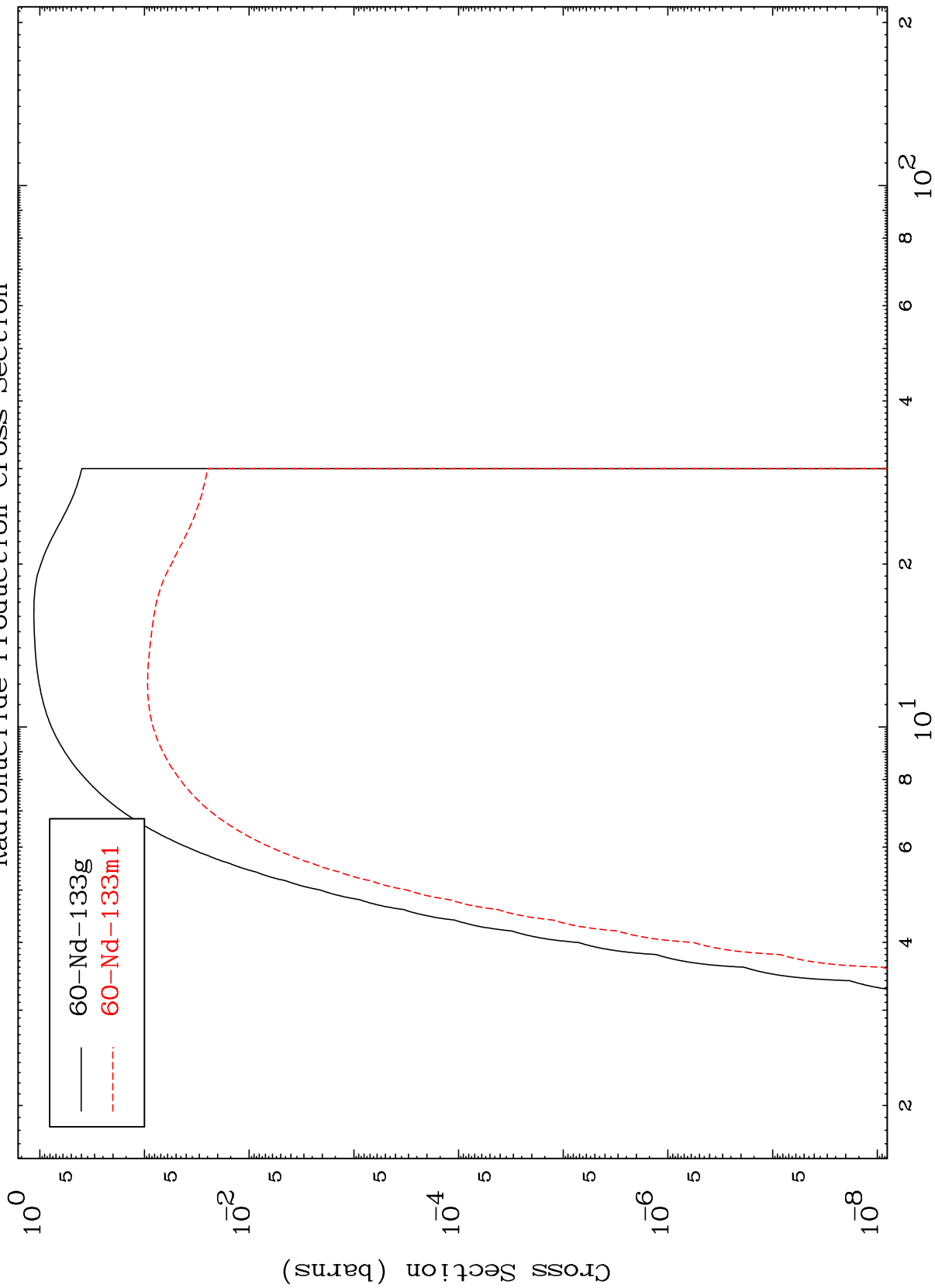
61-Pm-134

MAT 6110

(n,n') p

61-Pm-134

Radionuclide Production Cross Section



41

Incident Energy (MeV)

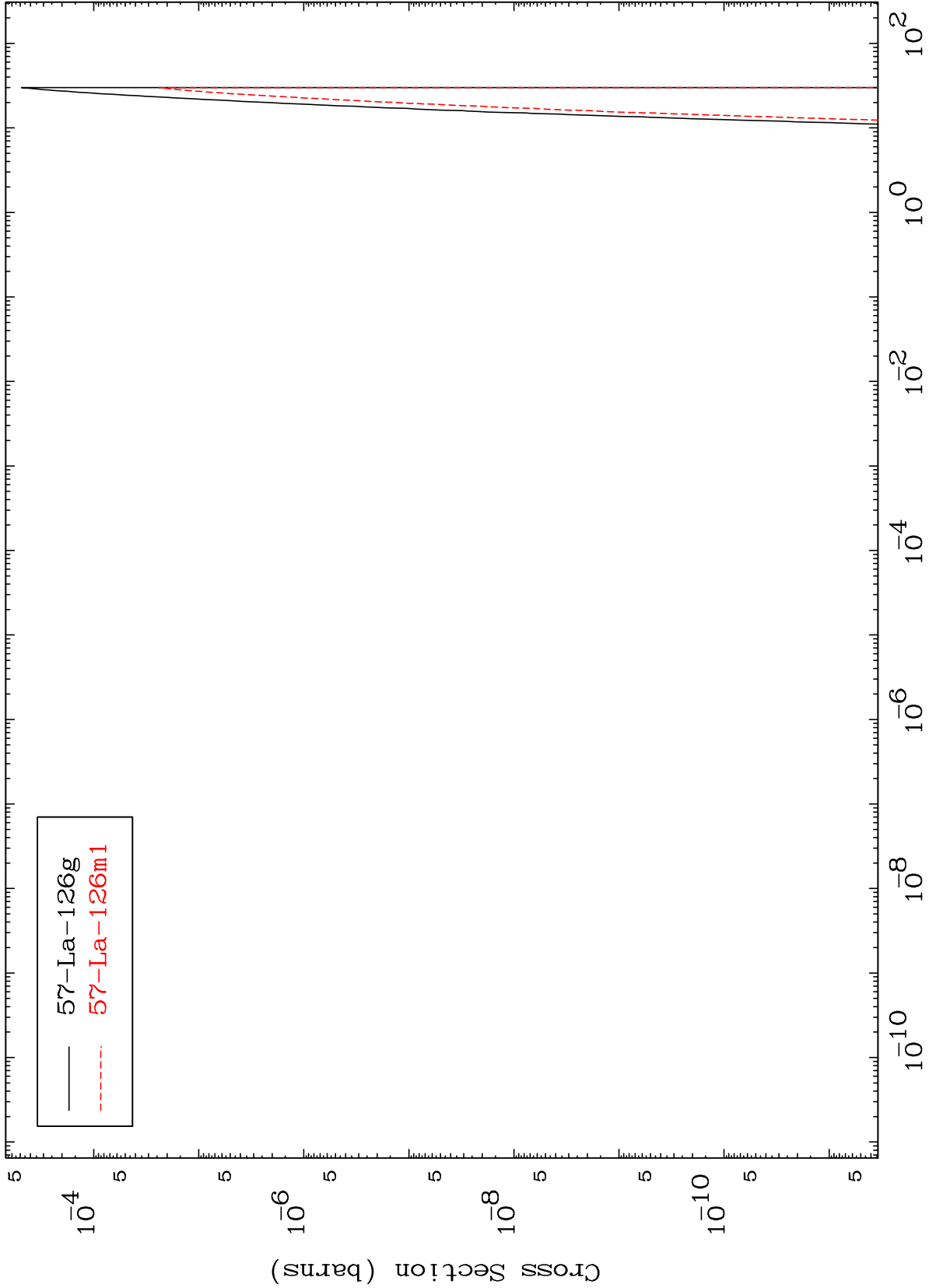
61-Pm-134

MAT 6110

(n,n') 2α

61-Pm-134

Radionuclide Production Cross Section

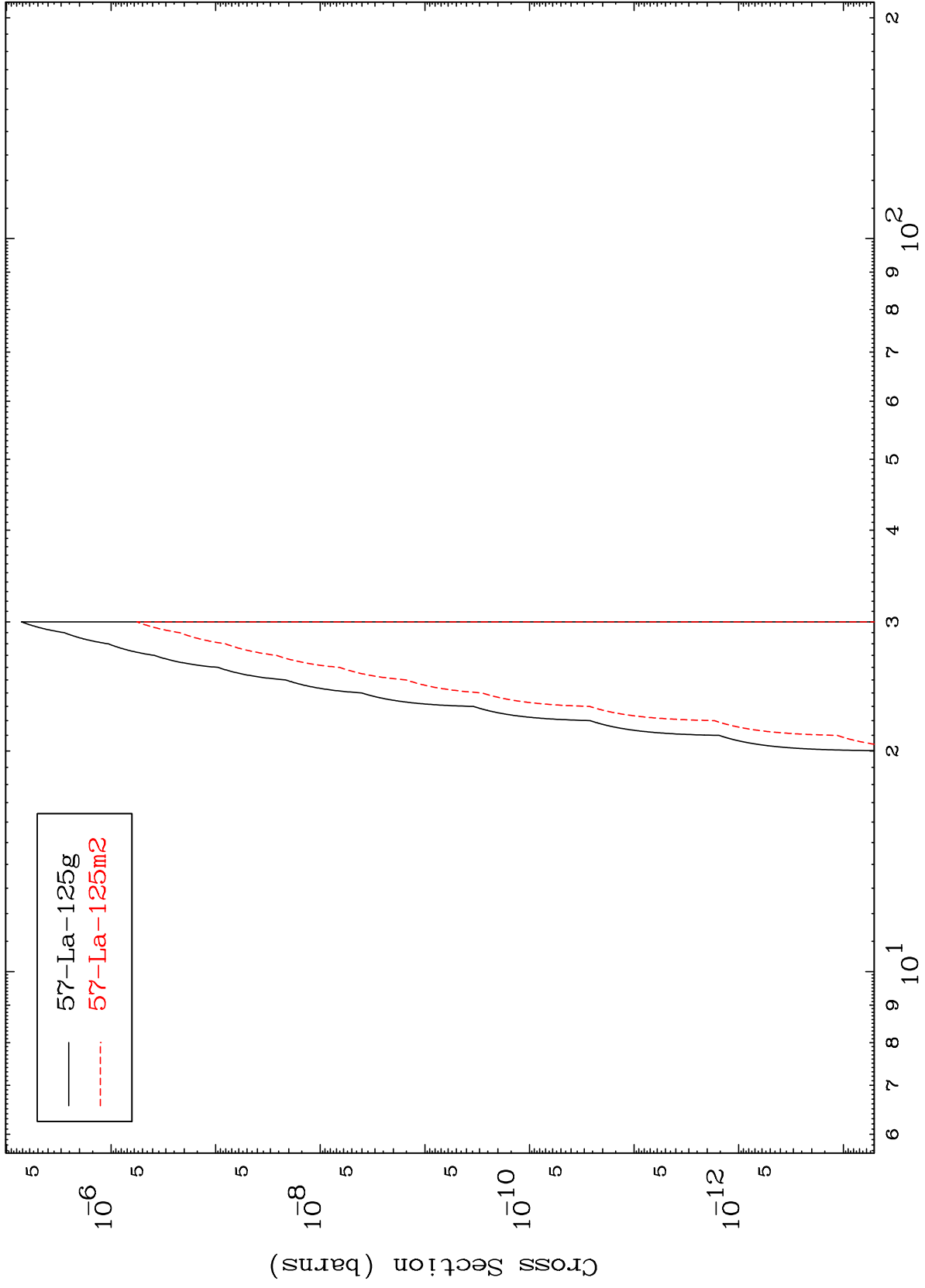


MAT 6110

(n,2n) 2α

61-Pm-134

Radionuclide Production Cross Section



43

Incident Energy (MeV)

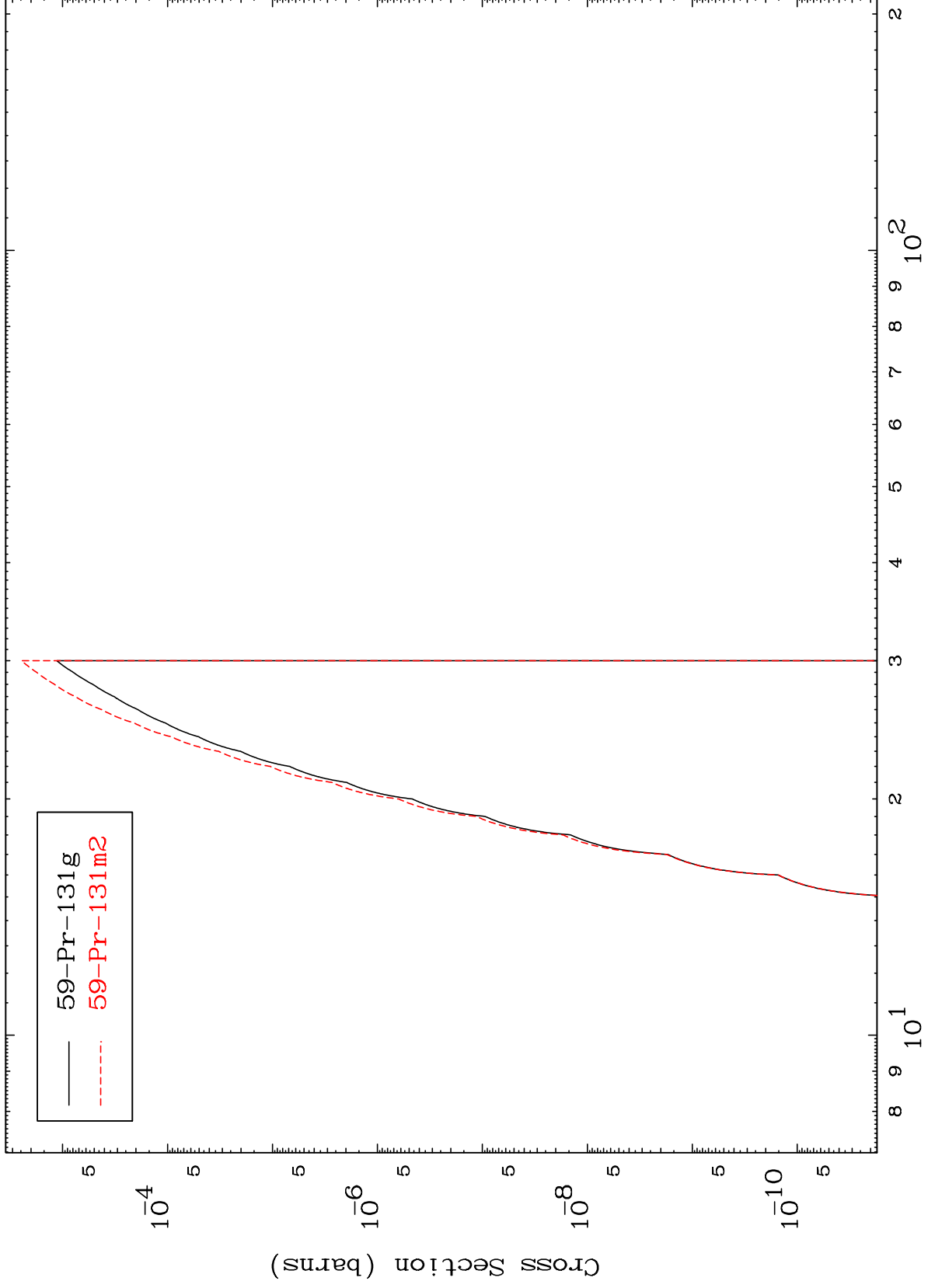
61-Pm-134

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(n,n') He-3

61-Pm-134

Radionuclide Production Cross Section



44

Incident Energy (MeV)

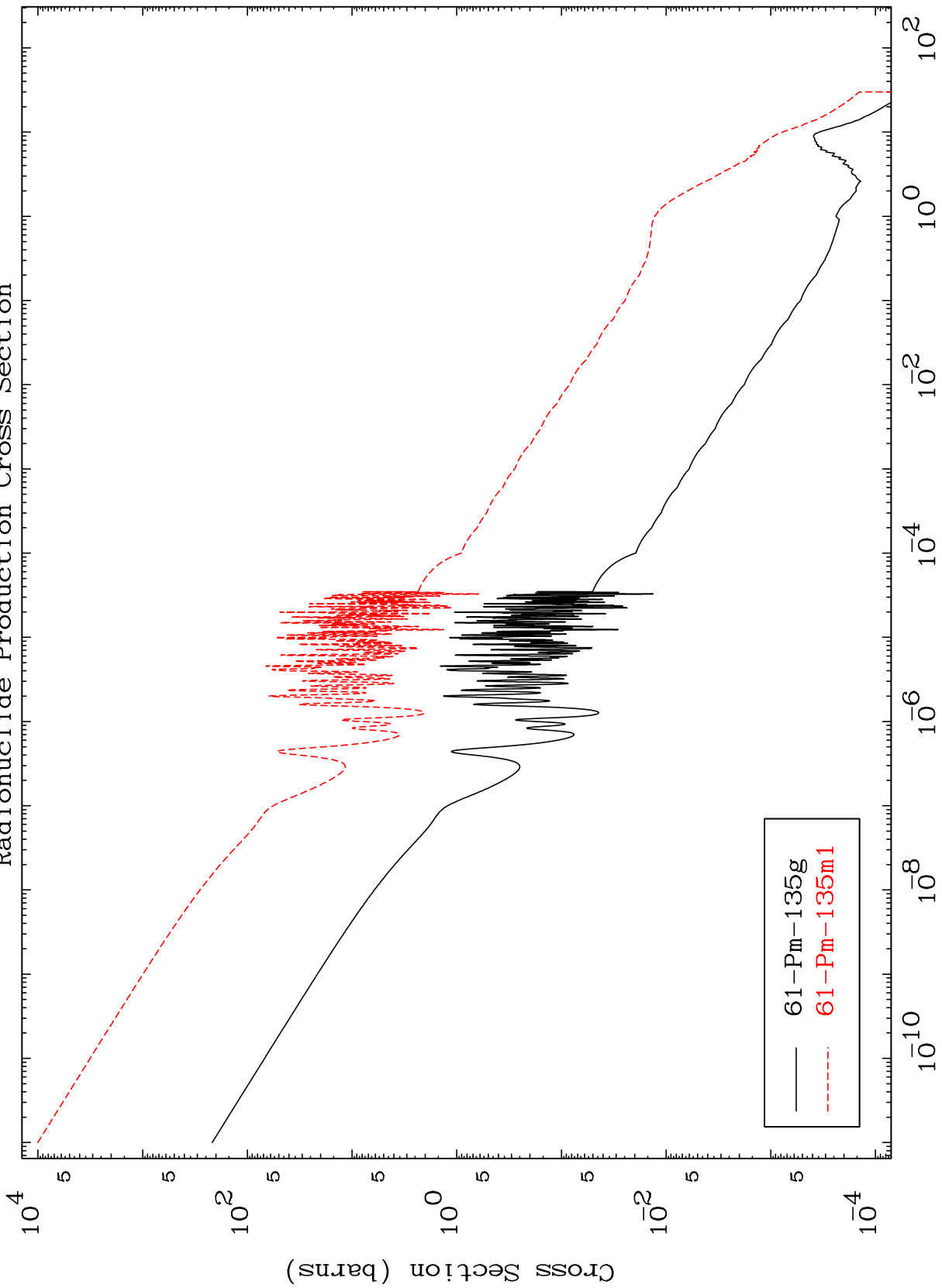
61-Pm-134

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61-Pm-134

Radionuclide Production Cross Section

(n, γ)



61-Pm-135g
61-Pm-135m1

Incident Energy (MeV)

61-Pm-134

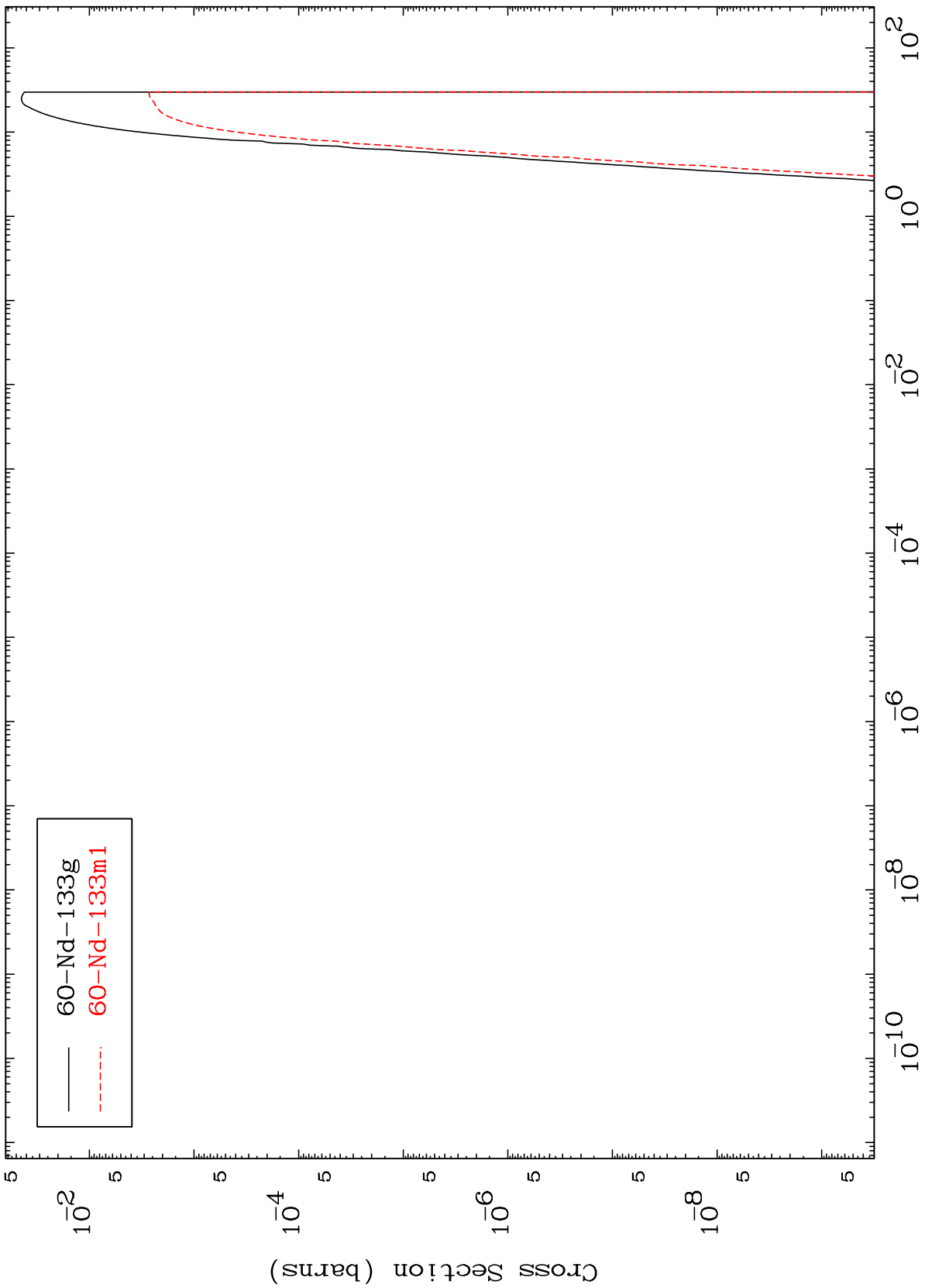
45

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(n,d)

61-Pm-134

Radionuclide Production Cross Section



46

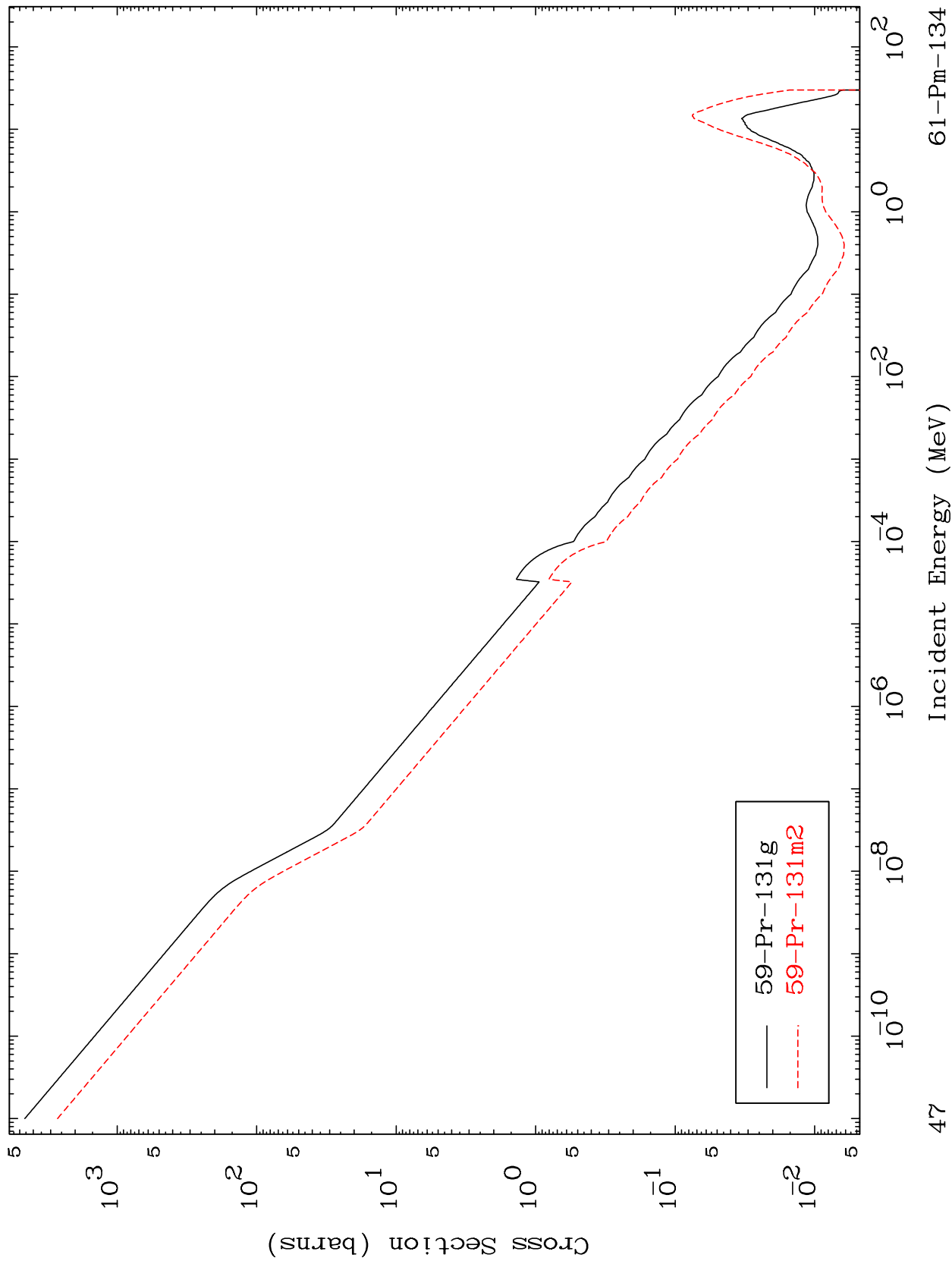
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

Radionuclide Production Cross Section

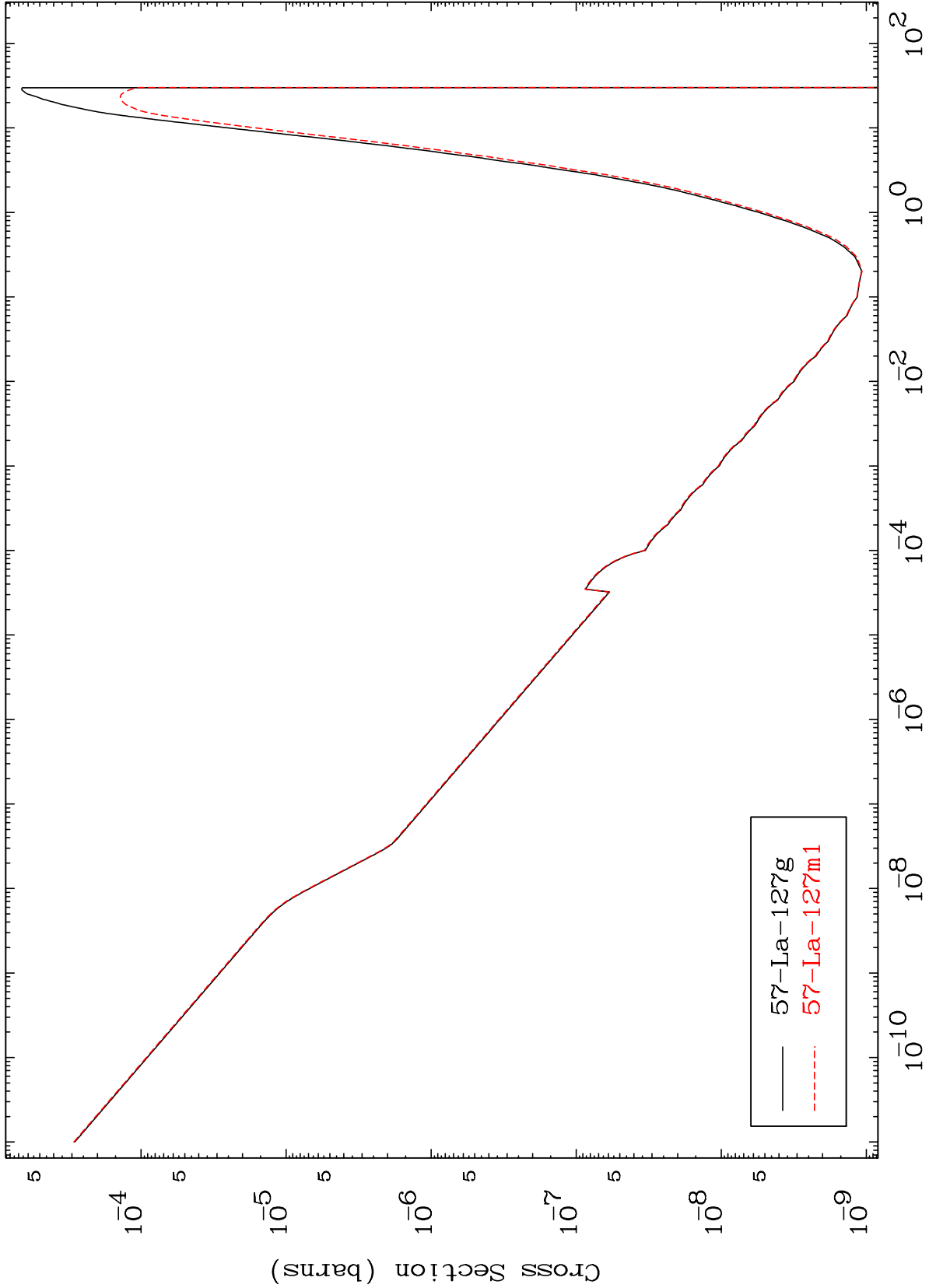


MAT 6110

(n,2α)

61-Pm-134

Radionuclide Production Cross Section

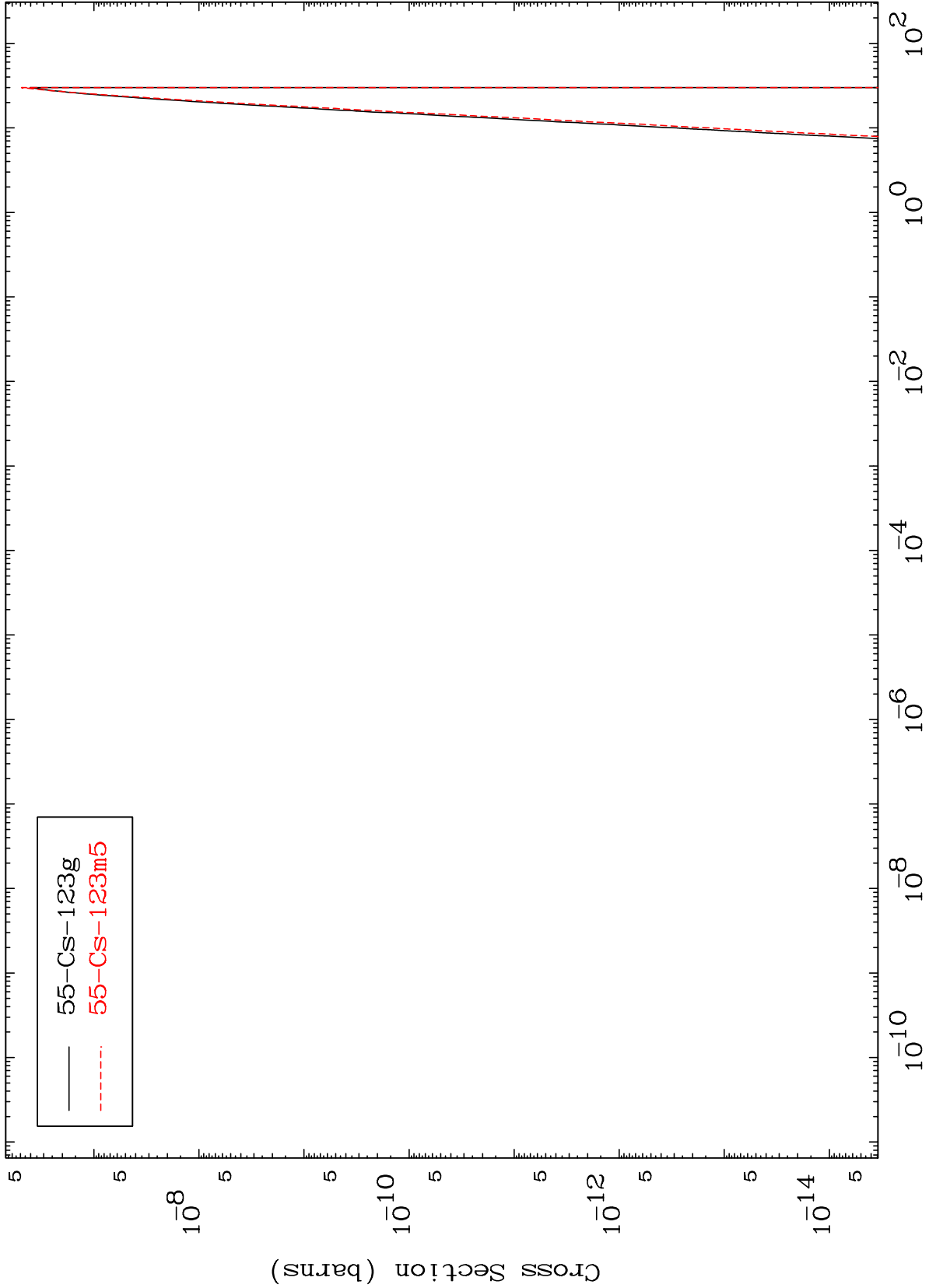


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(n, 3α)

61-Pm-134

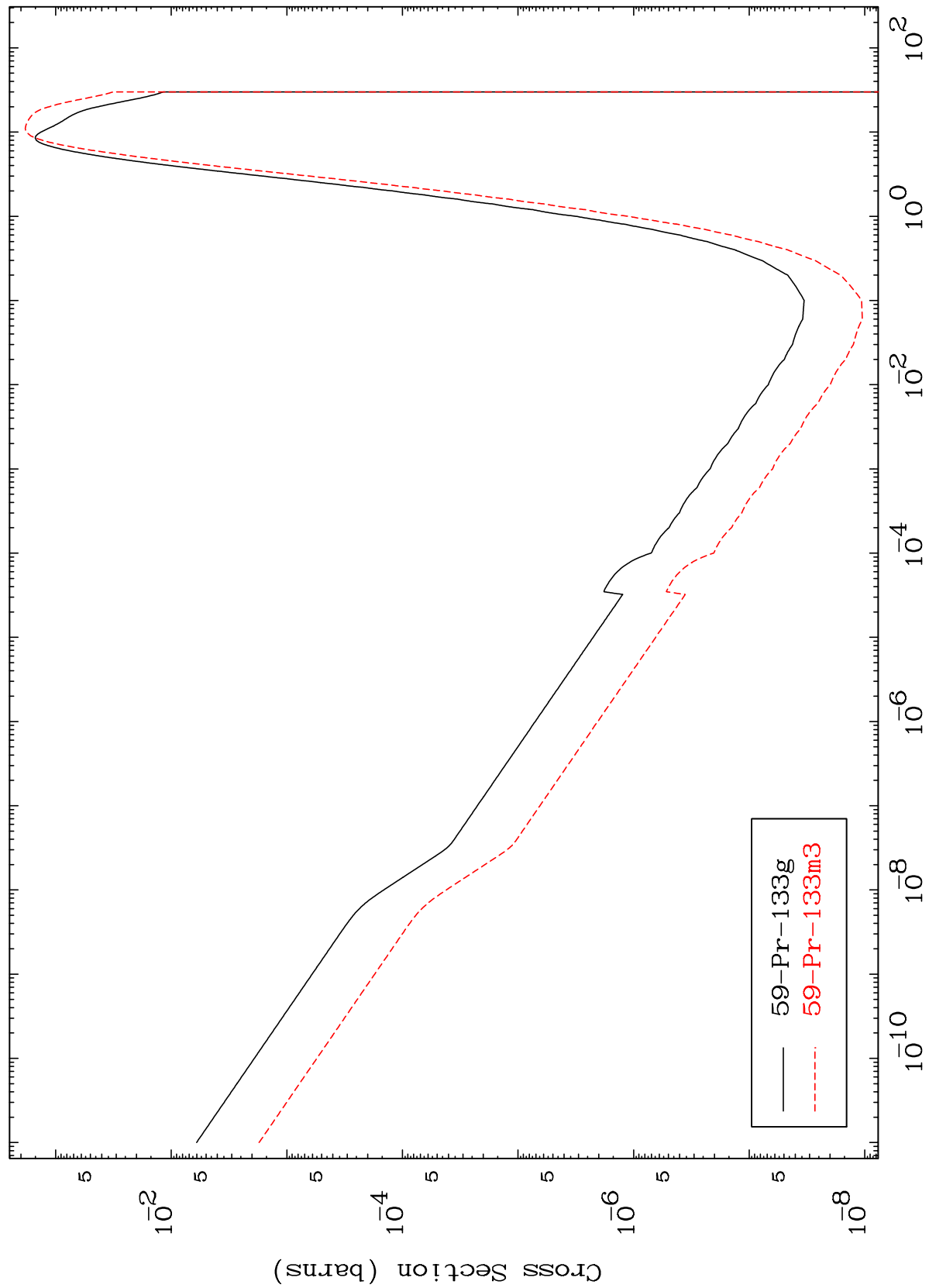
Radionuclide Production Cross Section



MAT 6110

61-Pm-134

Radionuclide Production Cross Section
(n,2p)



50

61-Pm-134

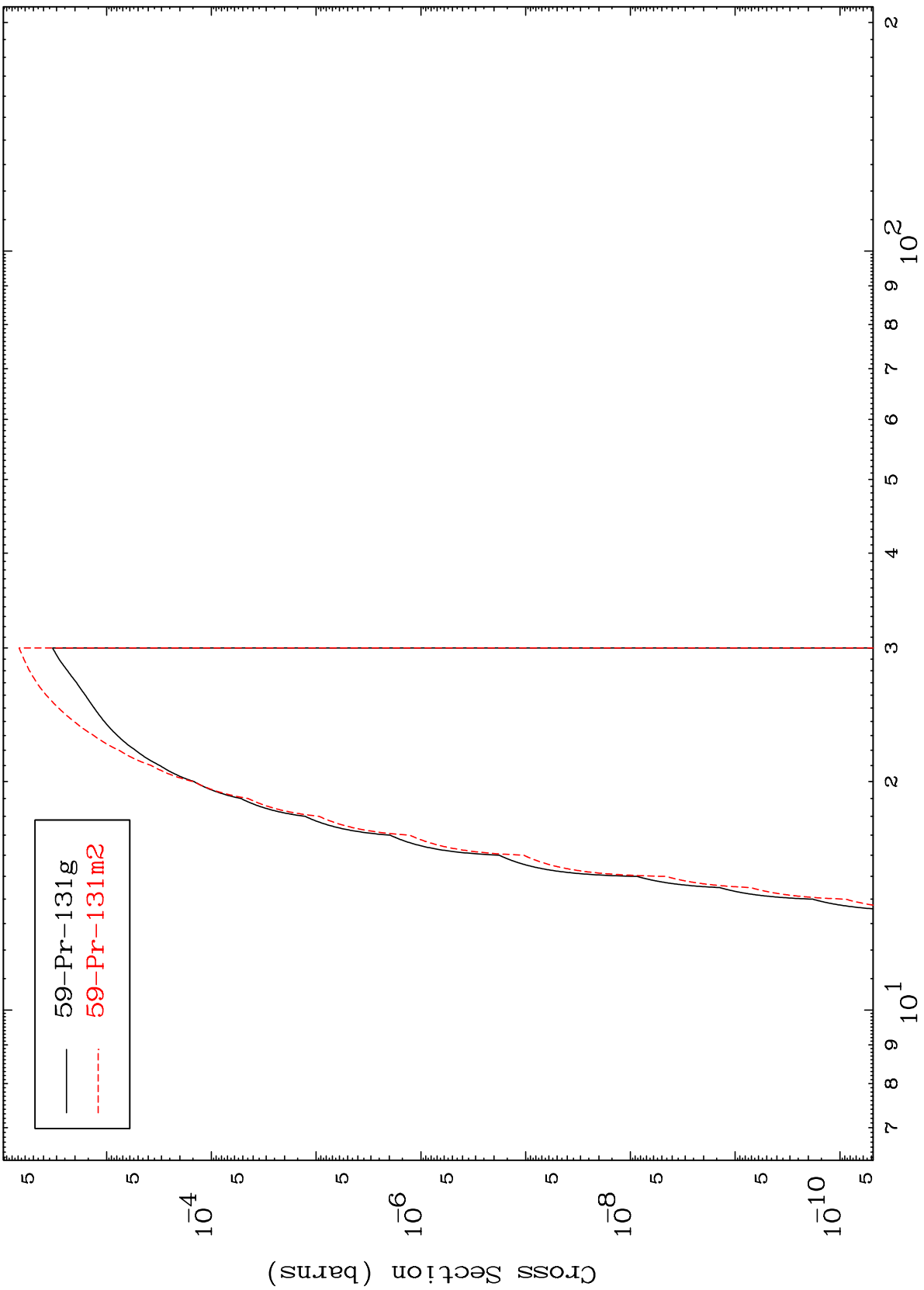
Incident Energy (MeV)

MAT 6110

(n,p) t

61-Pm-134

Radionuclide Production Cross Section



51

Incident Energy (MeV)

61-Pm-134