

Program EVALPLOT
(Version 2015-2)

by

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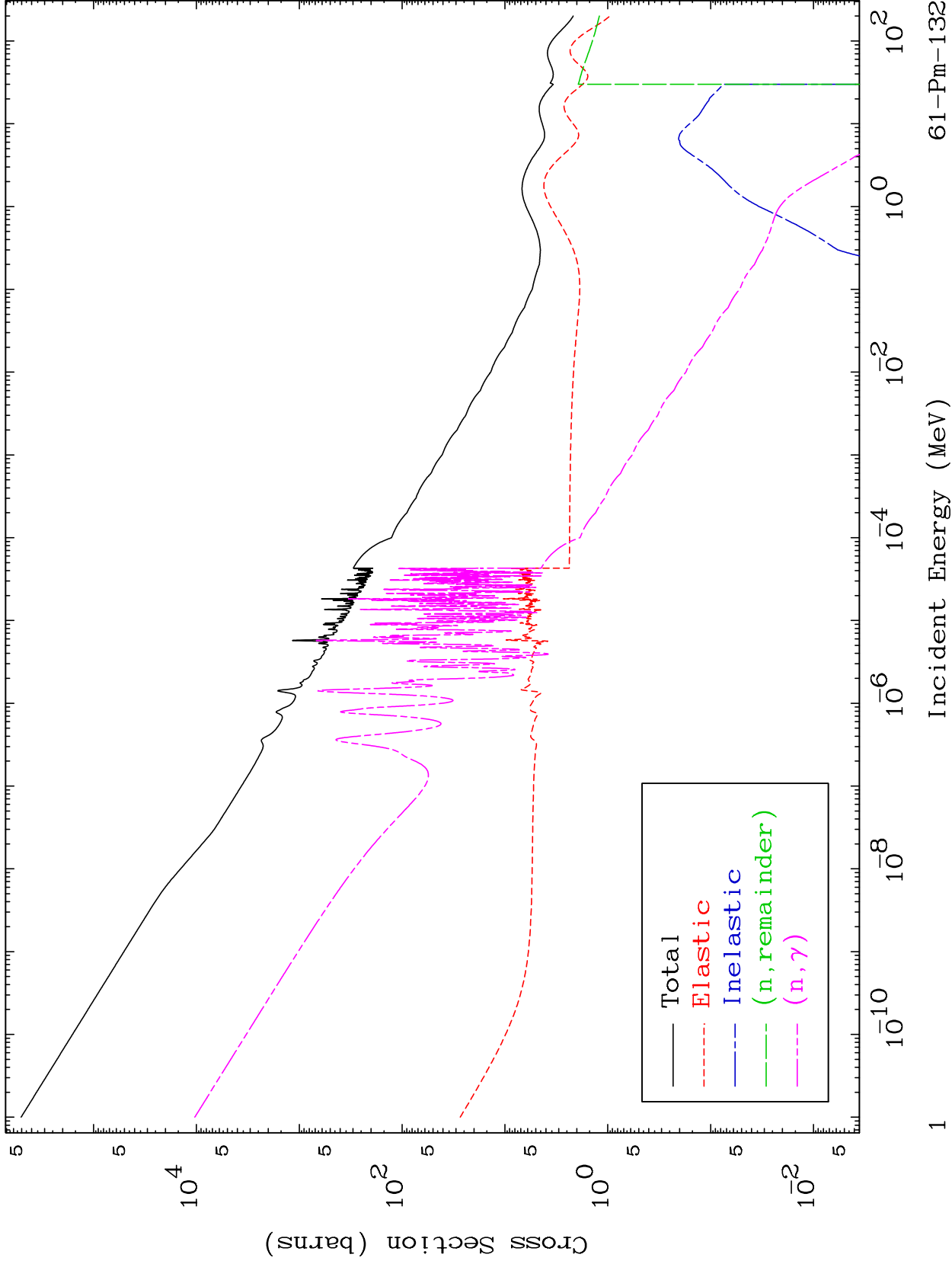
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6104

Major
293 Kelvin Cross Sections

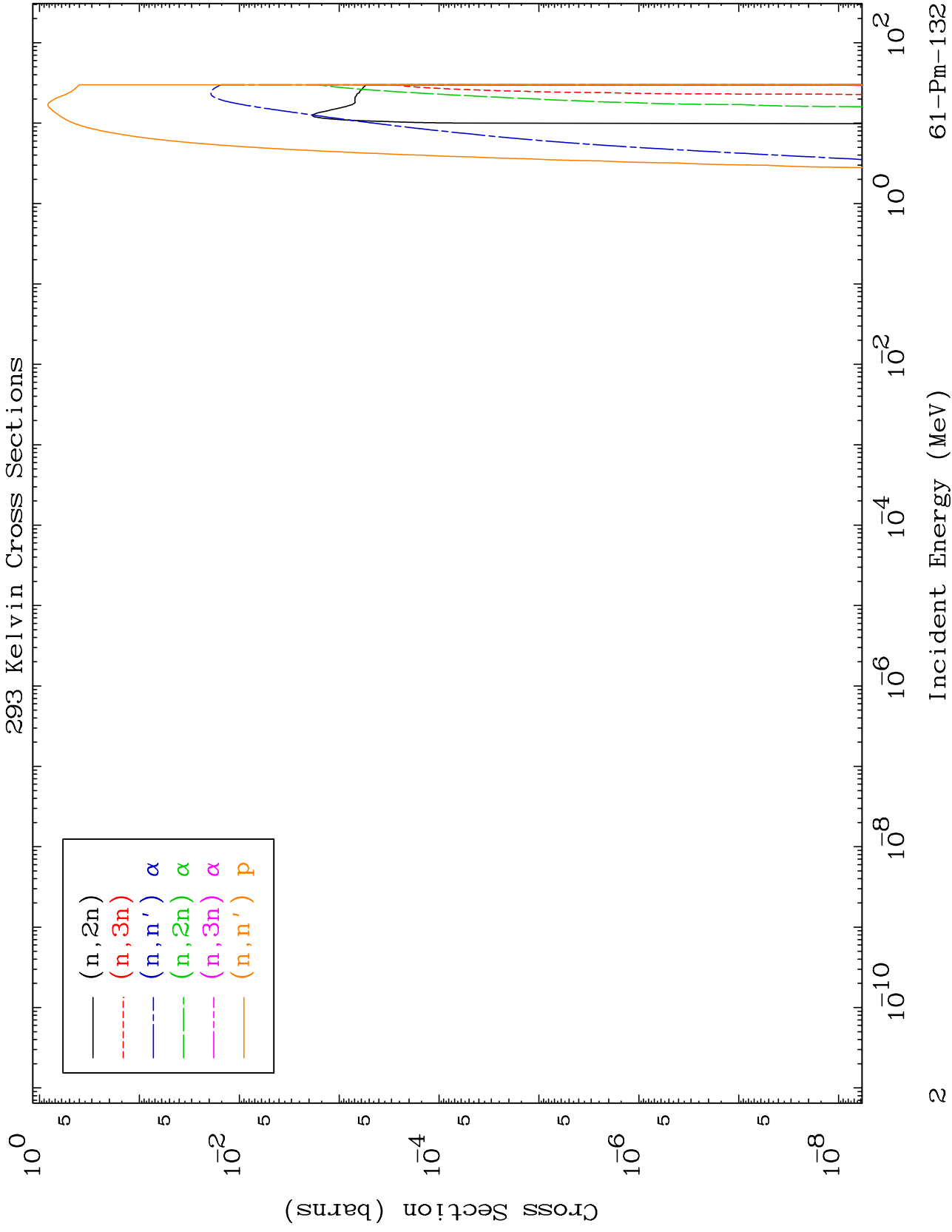
61-Pm-132



MAT 6104

Neutron Production
293 Kelvin Cross Sections

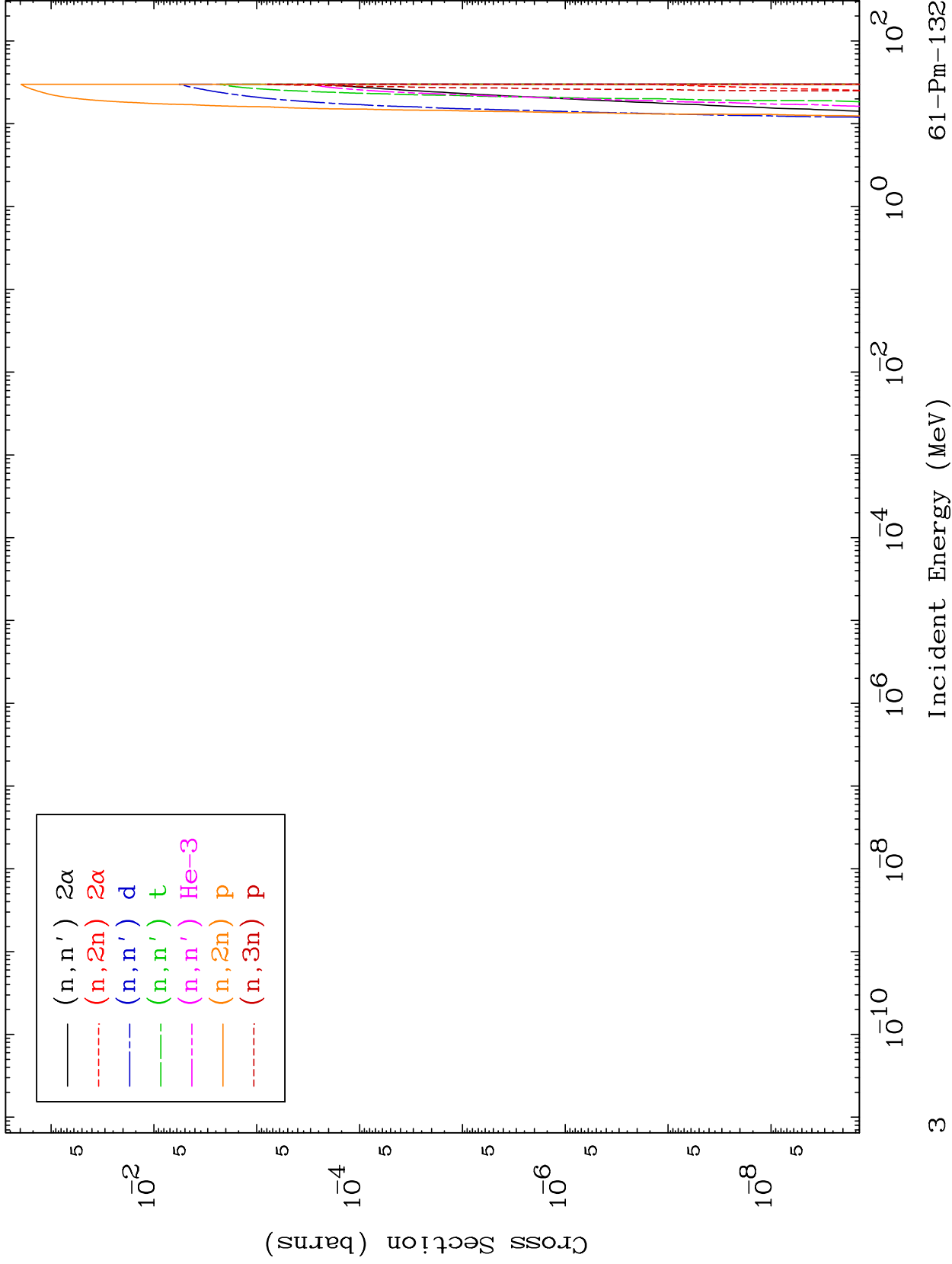
61-Pm-132



MAT 6104

Neutron Production
293 Kelvin Cross Sections

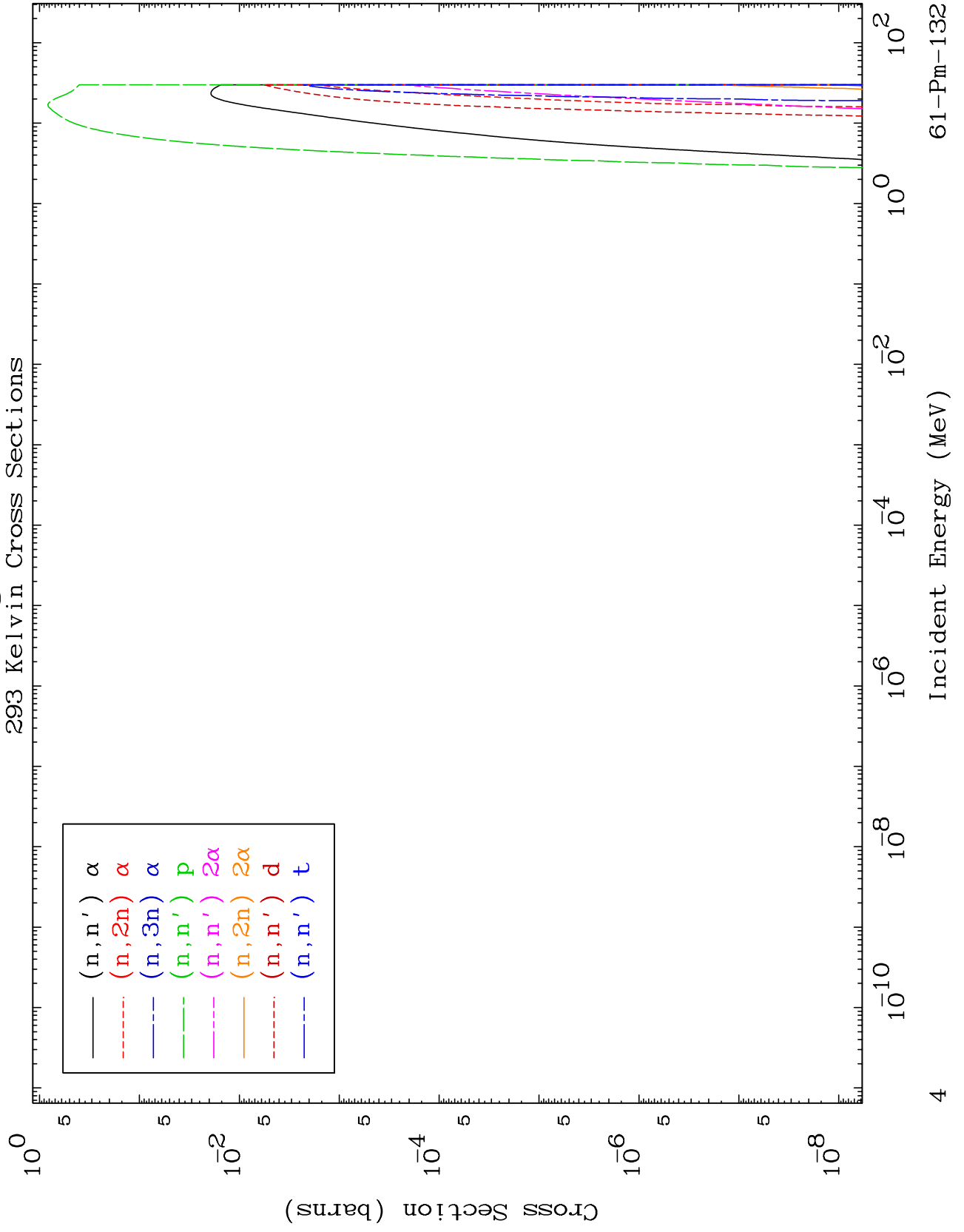
61-Pm-132



MAT 6104

Charged Particle
293 Kelvin Cross Sections

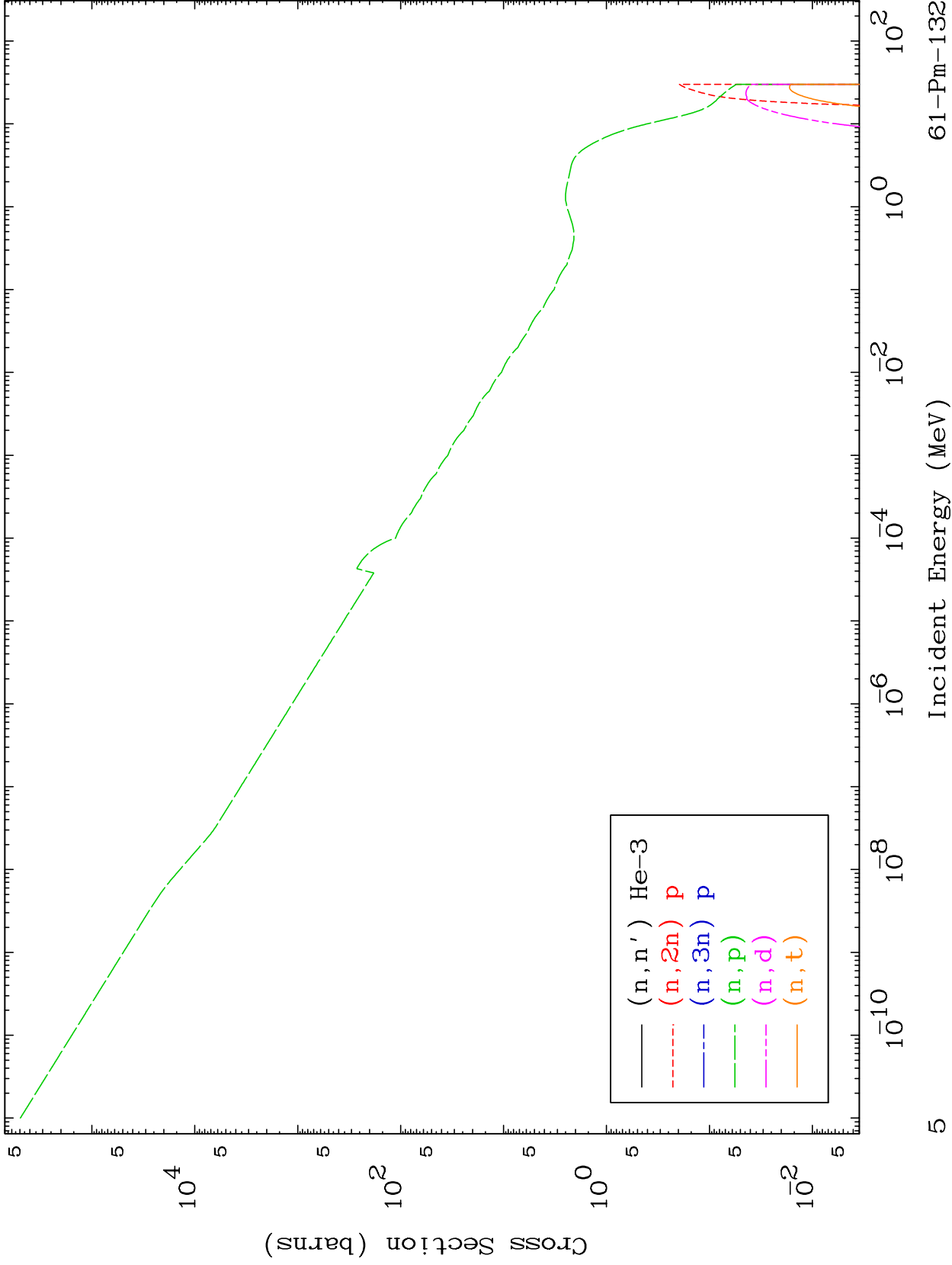
61-Pm-132



MAT 6104

Charged Particle
293 Kelvin Cross Sections

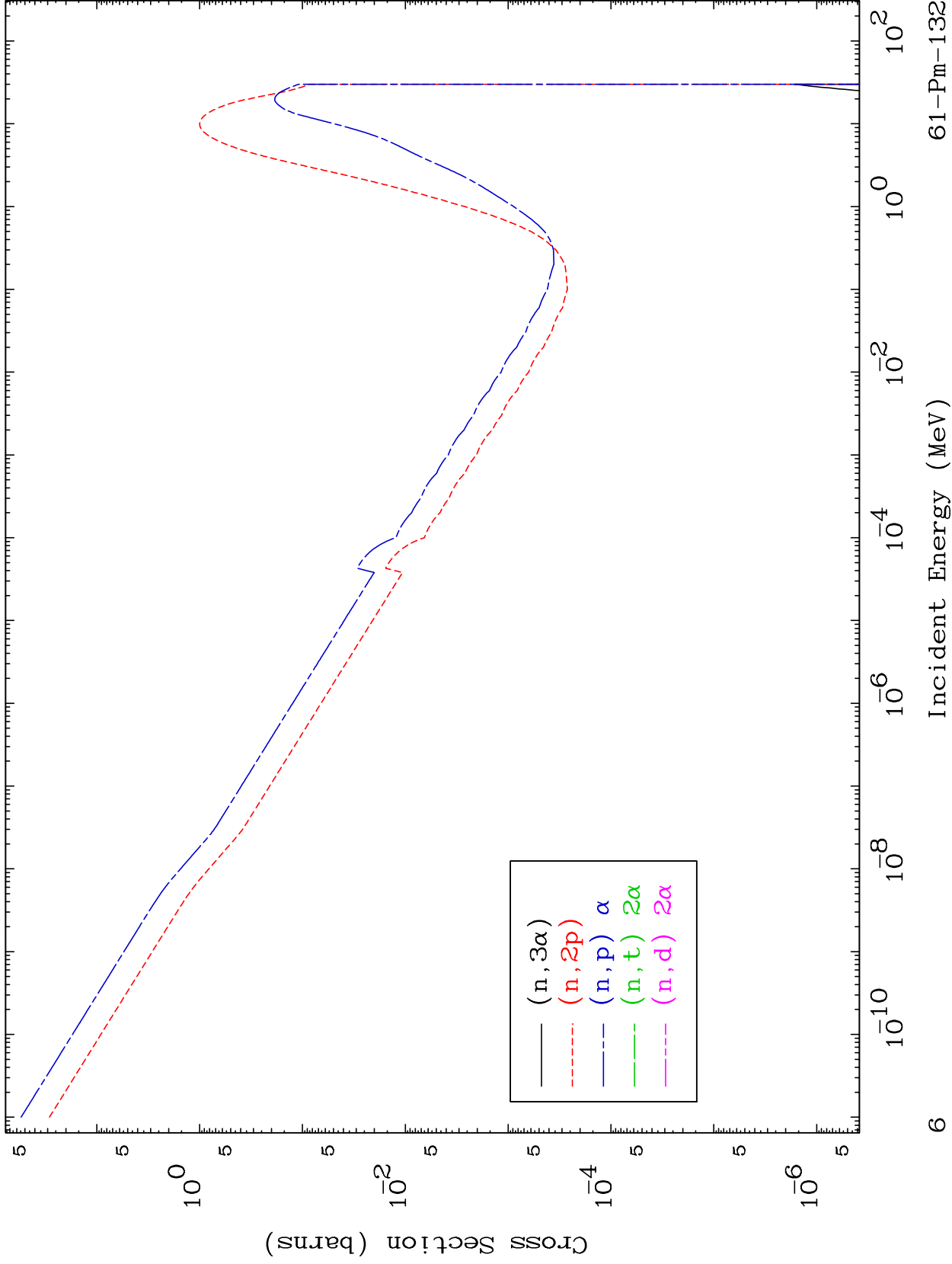
61-Pm-132



MAT 6104

Charged Particle
293 Kelvin Cross Sections

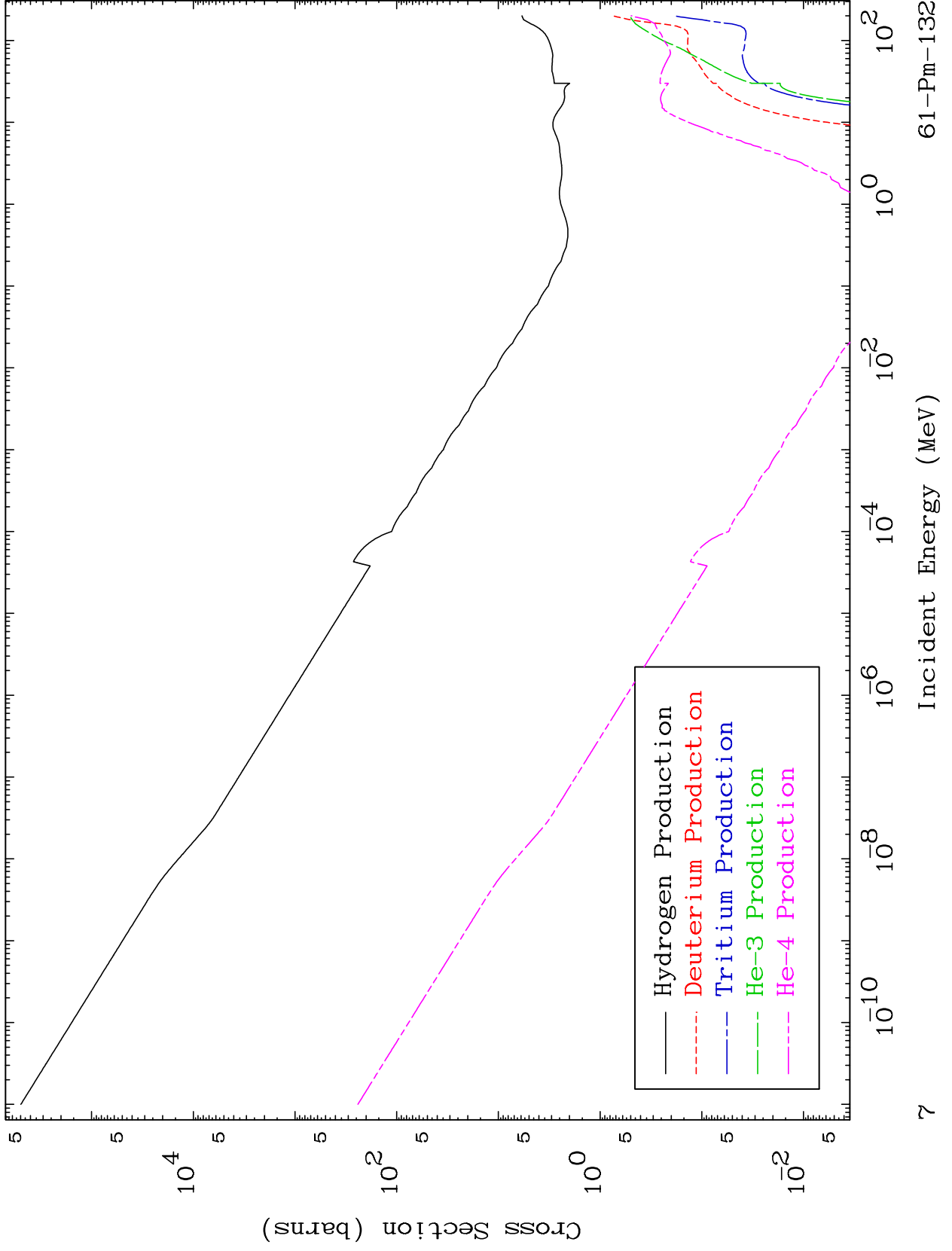
61-Pm-132



MAT 6104

Particle Production
293 Kelvin Cross Sections

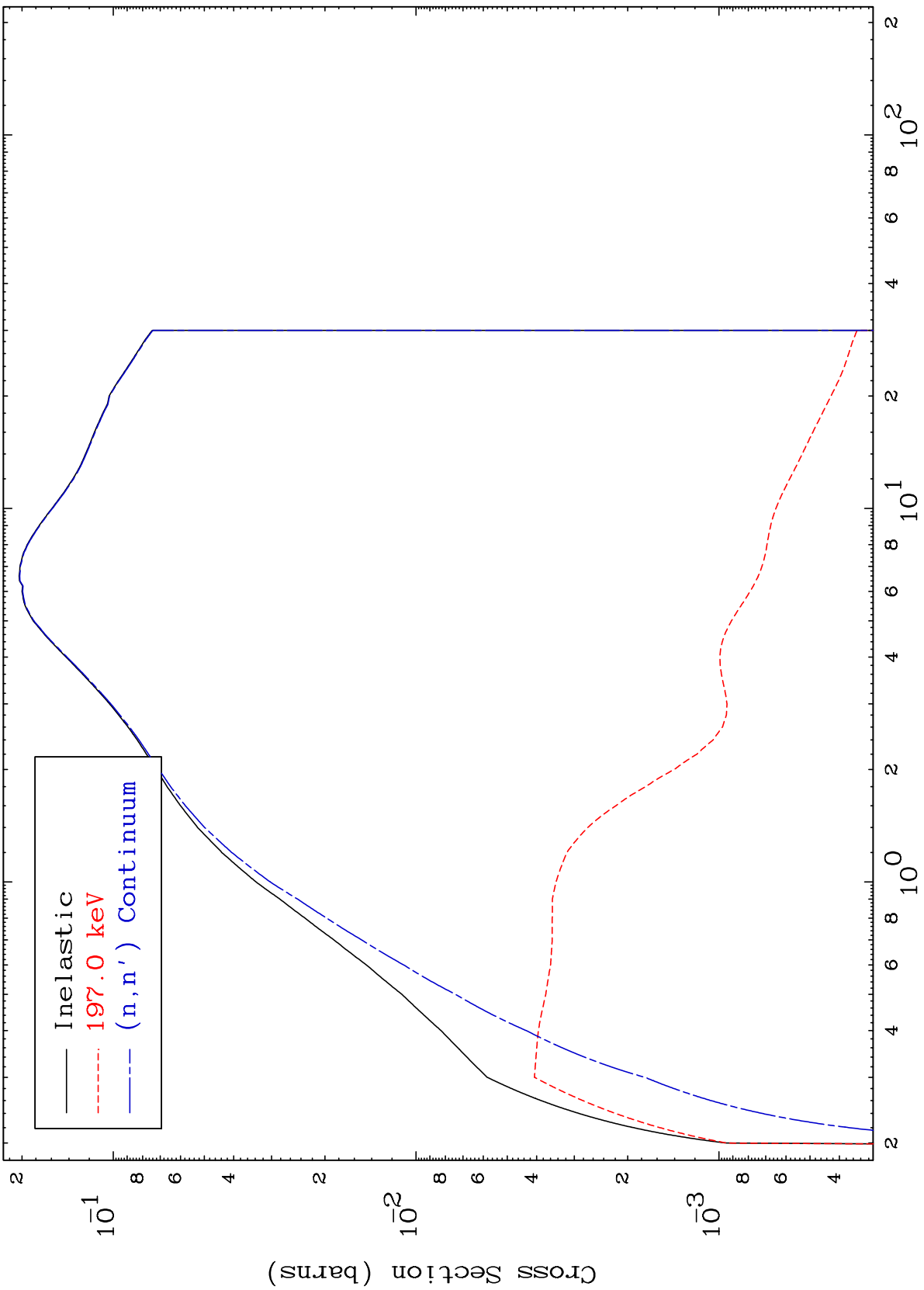
61-Pm-132



MAT 6104

61-Pm-132

(n,n') Level
293 Kelvin Cross Sections



61-Pm-132

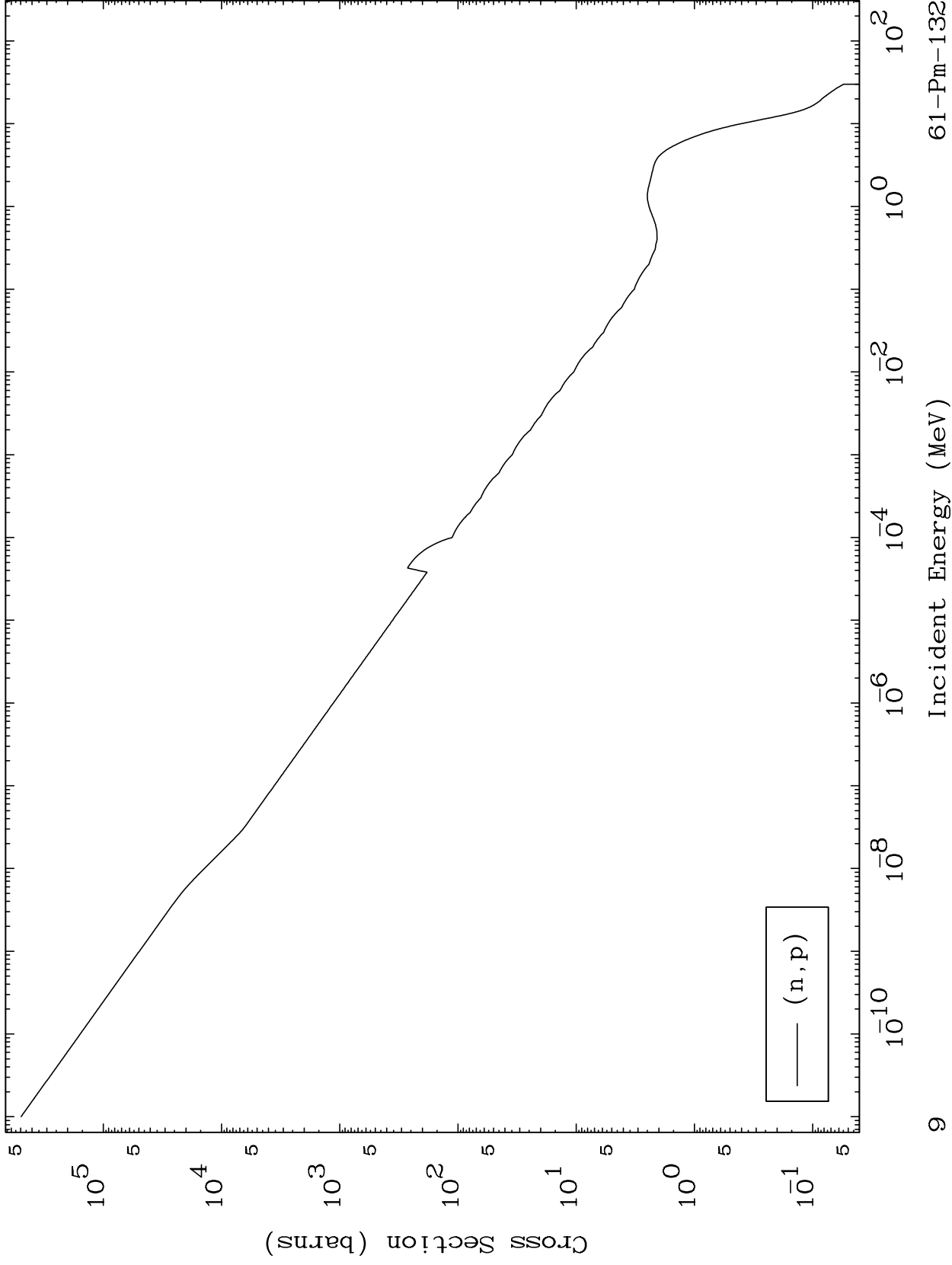
Incident Energy (MeV)

8

MAT 6104

(n,p) Levels
293 Kelvin Cross Sections

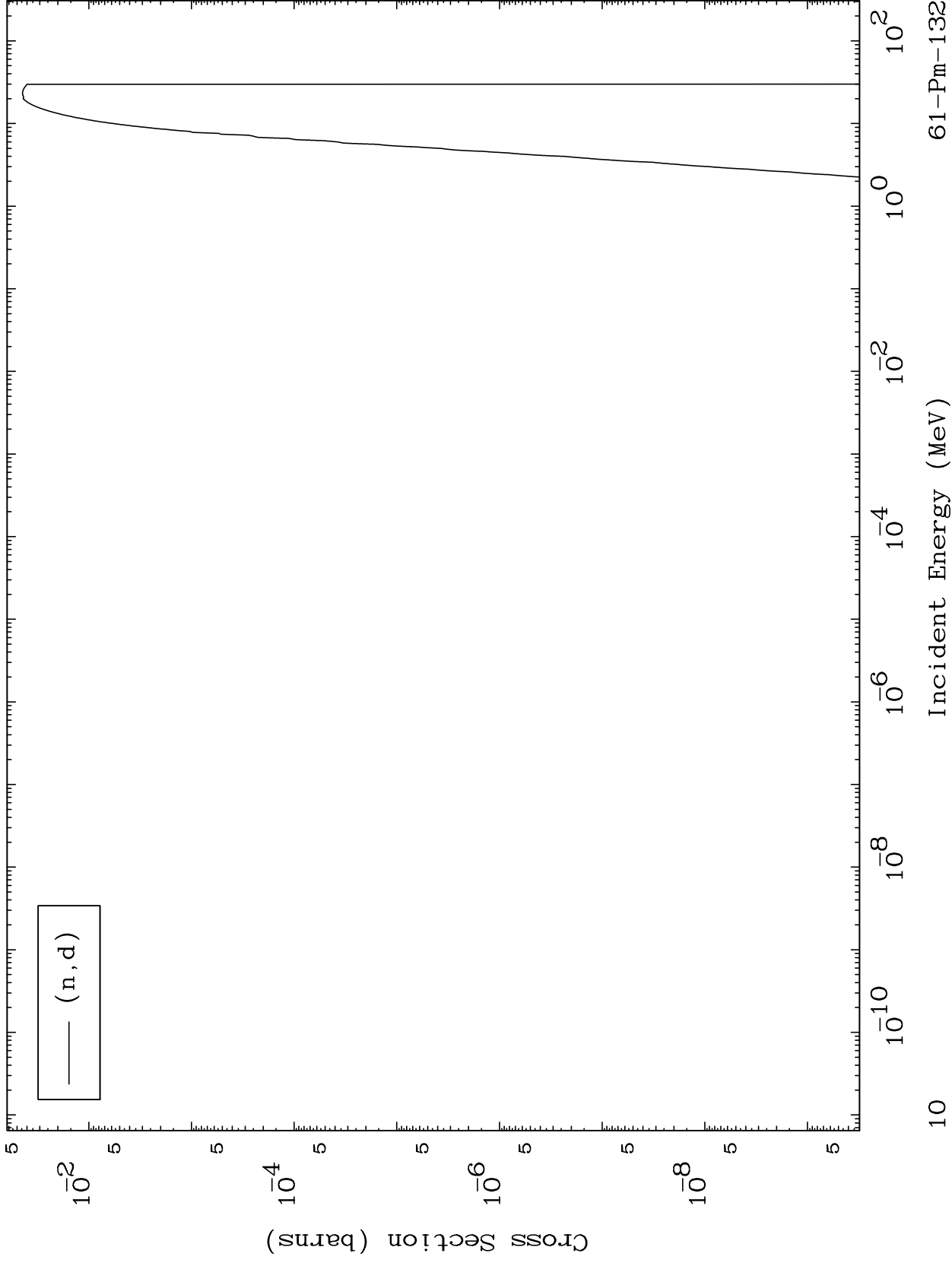
61-Pm-132



MAT 6104

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-132



10

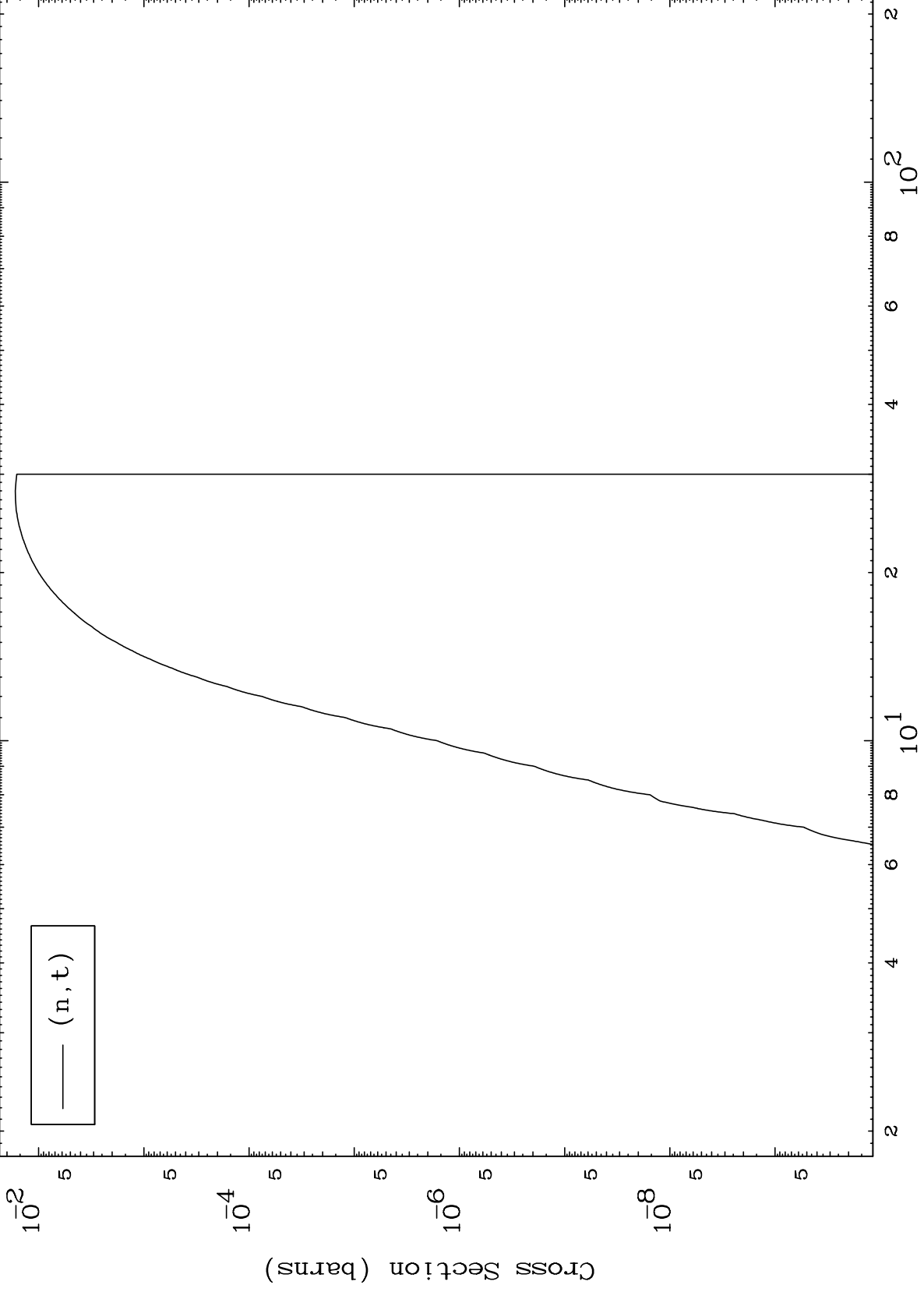
Incident Energy (MeV)

61-Pm-132

MAT 6104

(n,t) Levels
293 Kelvin Cross Sections

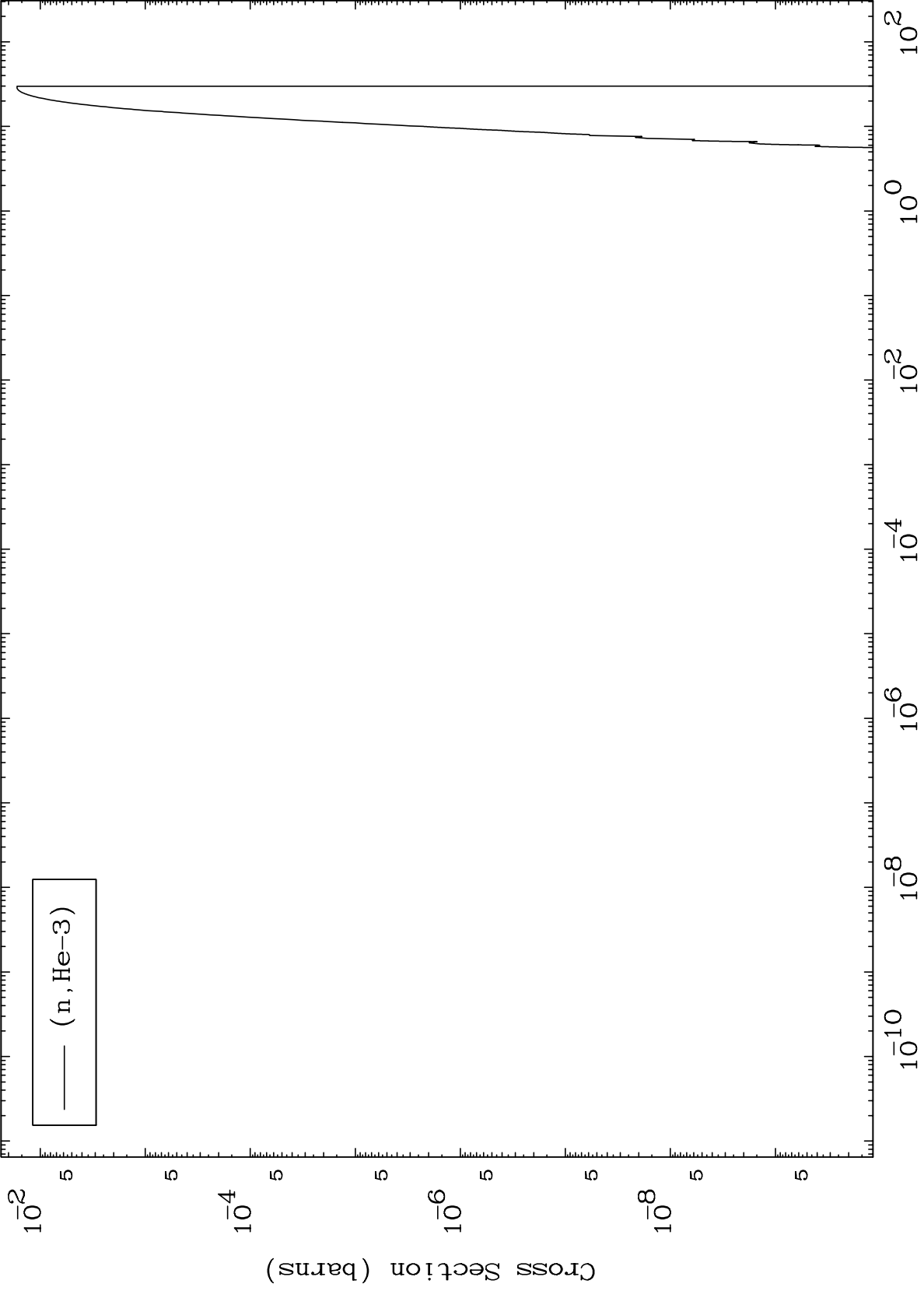
61-Pm-132



MAT 6104

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-132



12

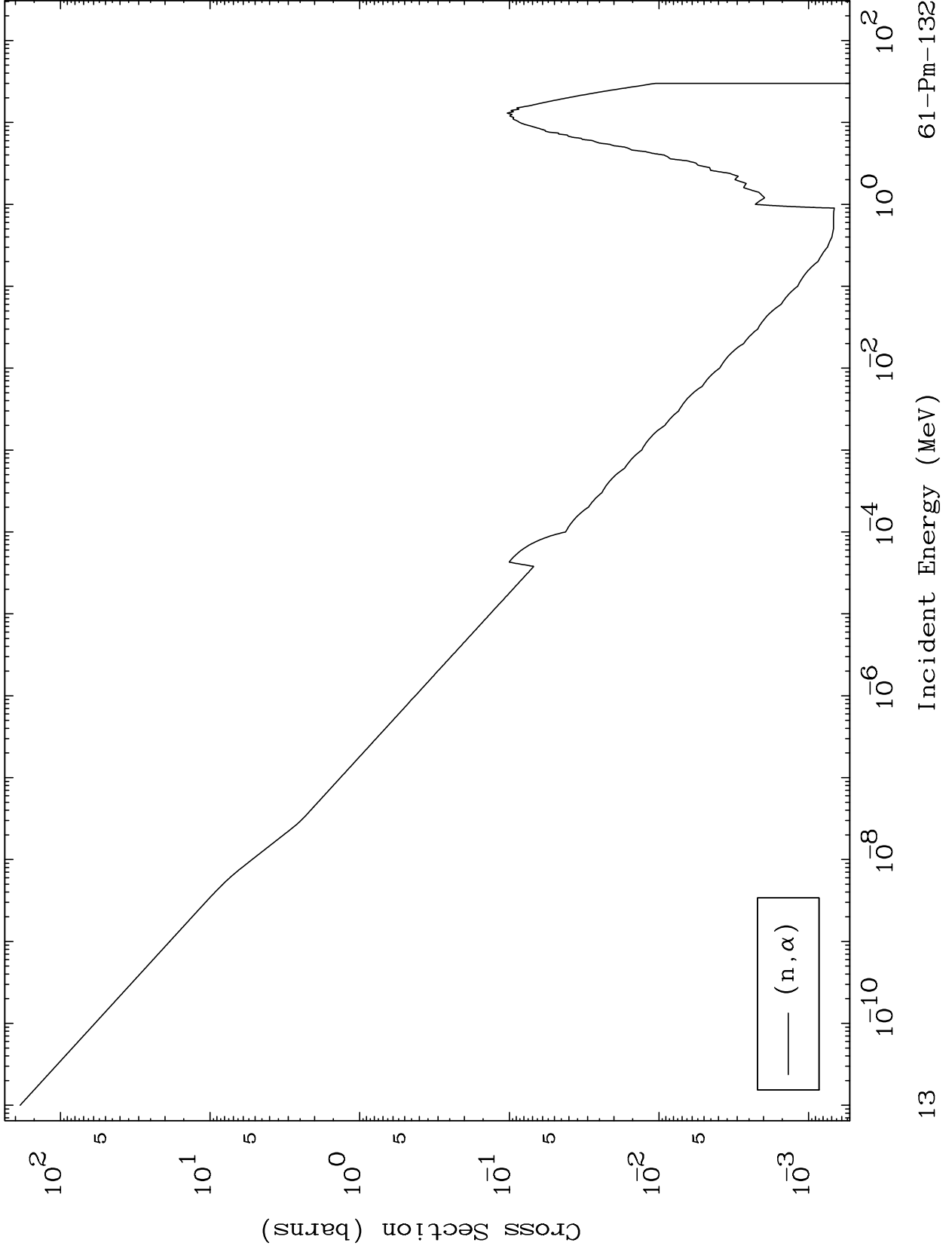
Incident Energy (MeV)

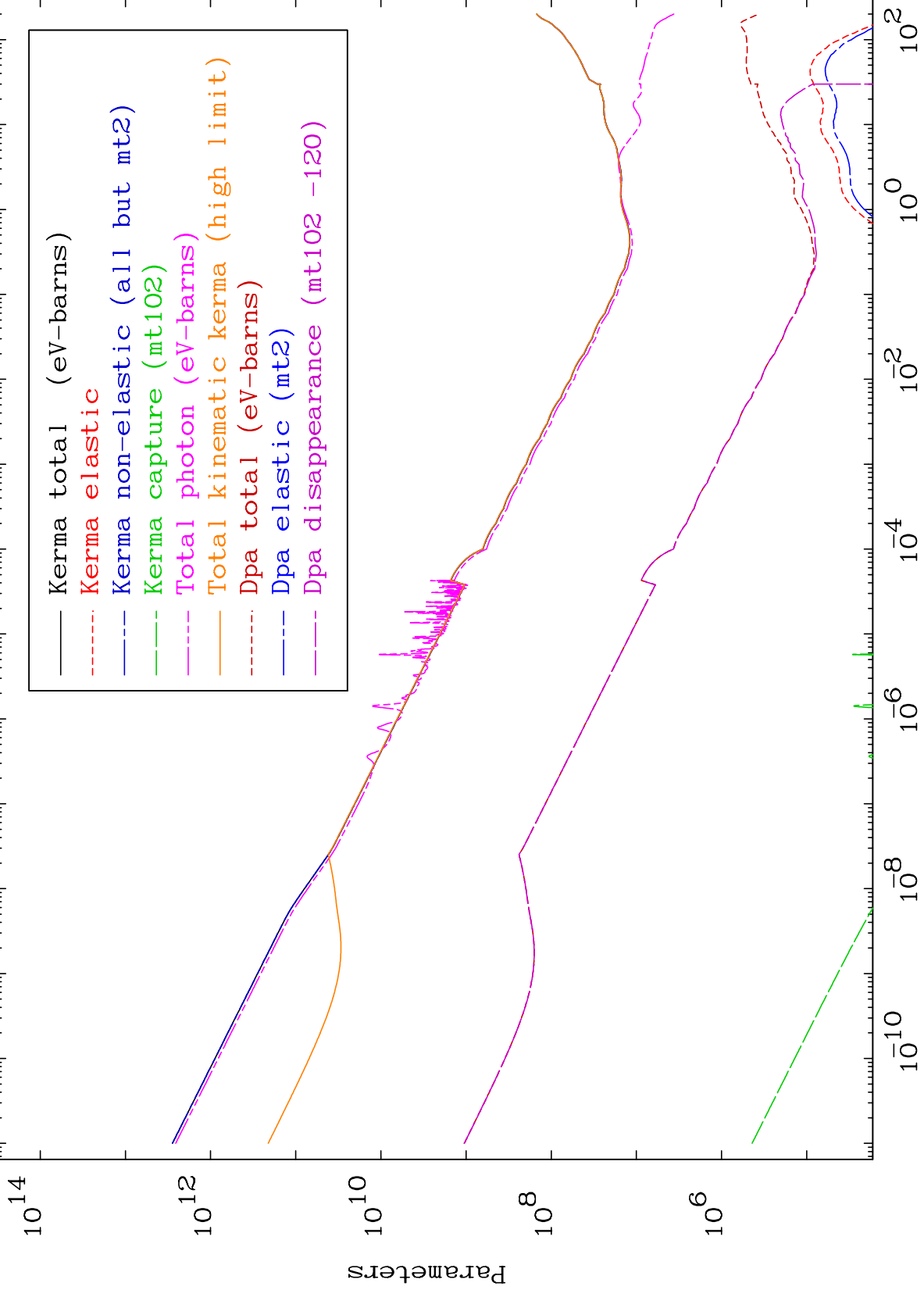
61-Pm-132

MAT 6104

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-132

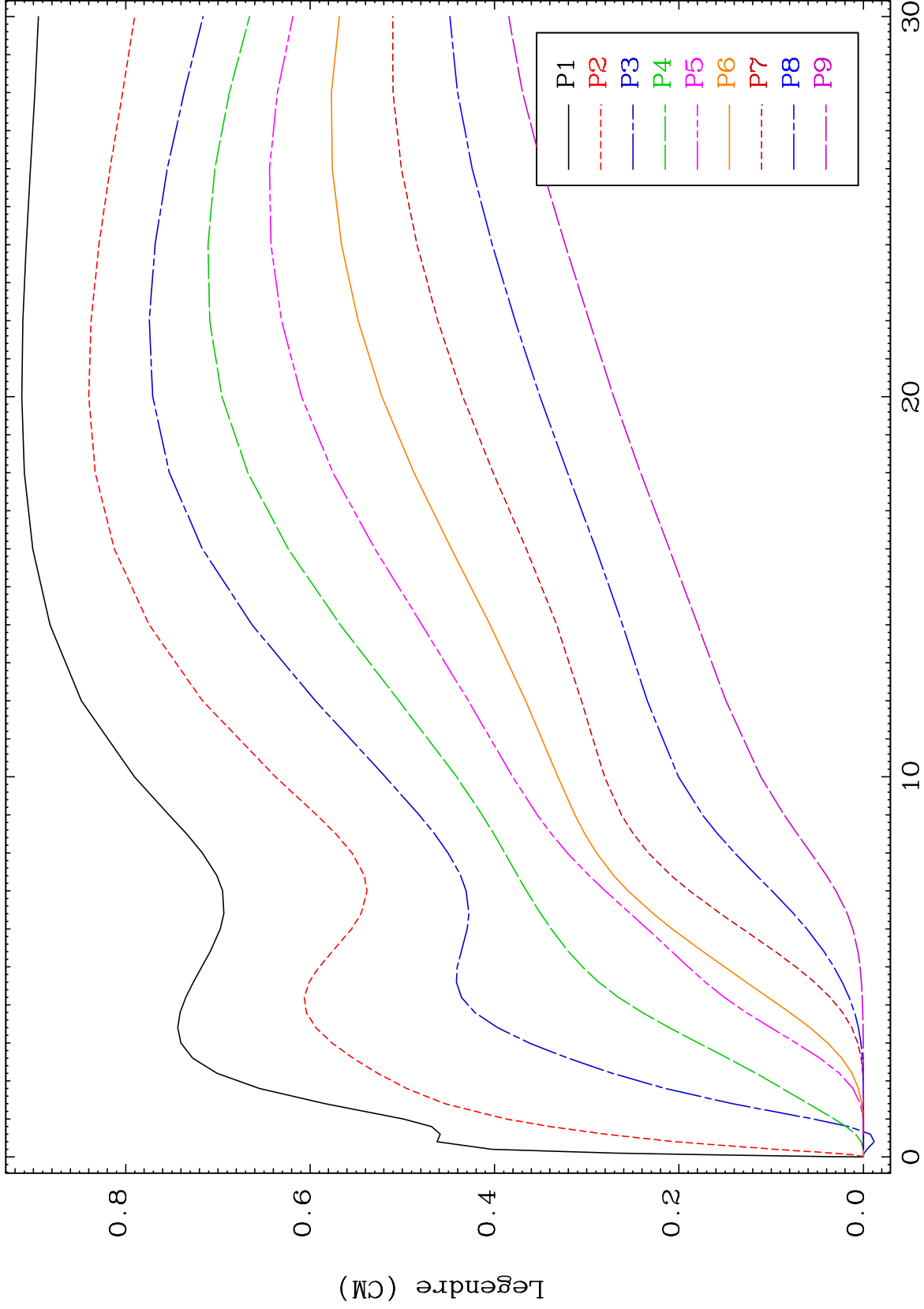




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Elastic Legendre Coefficients

61-Pm-132



15

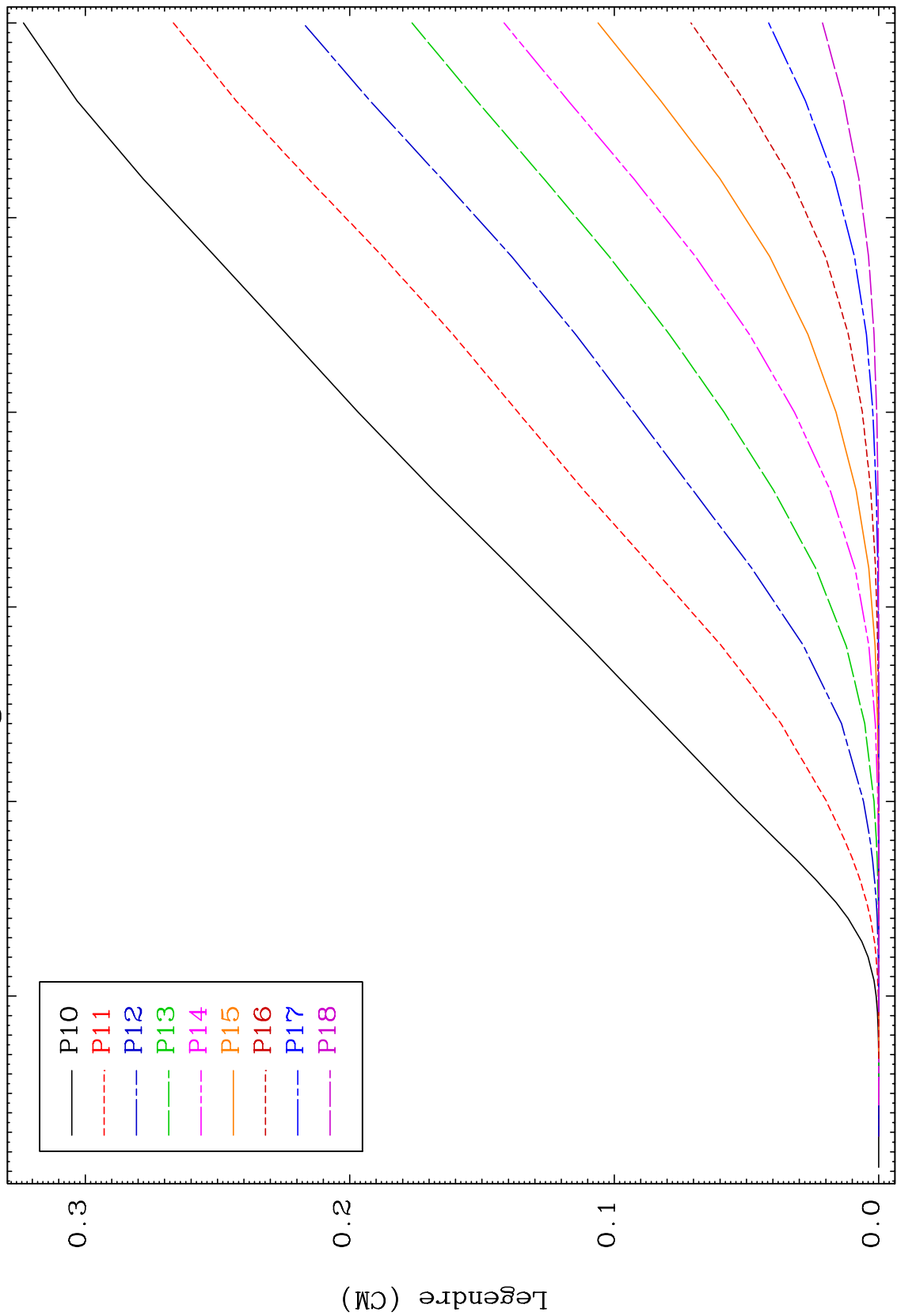
Incident Energy (MeV)

61-Pm-132

MAT 6104

Elastic Legendre Coefficients

61-Pm-132



16

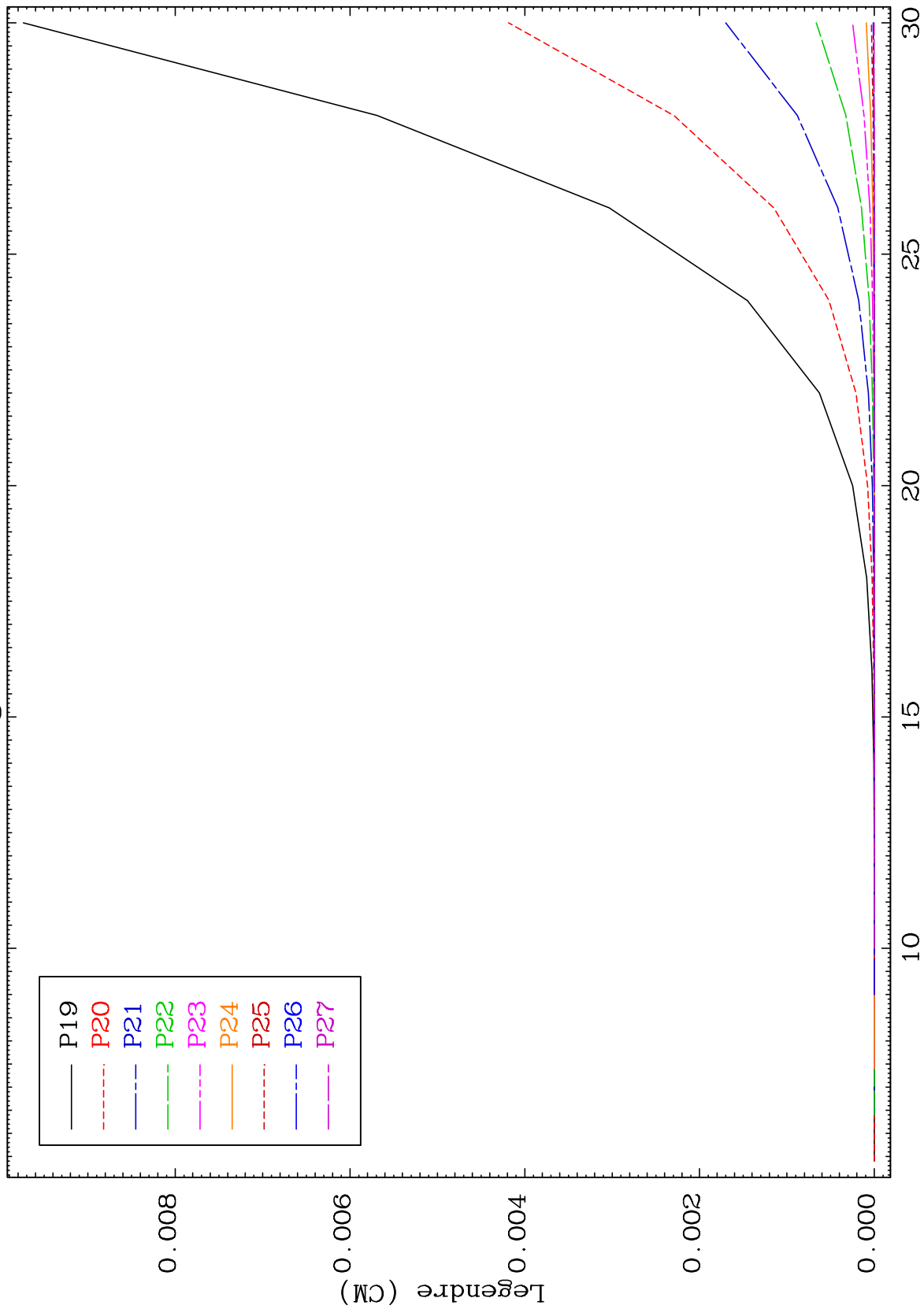
Incident Energy (MeV)

61-Pm-132

MAT 6104

Elastic Legendre Coefficients

61-Pm-132



17

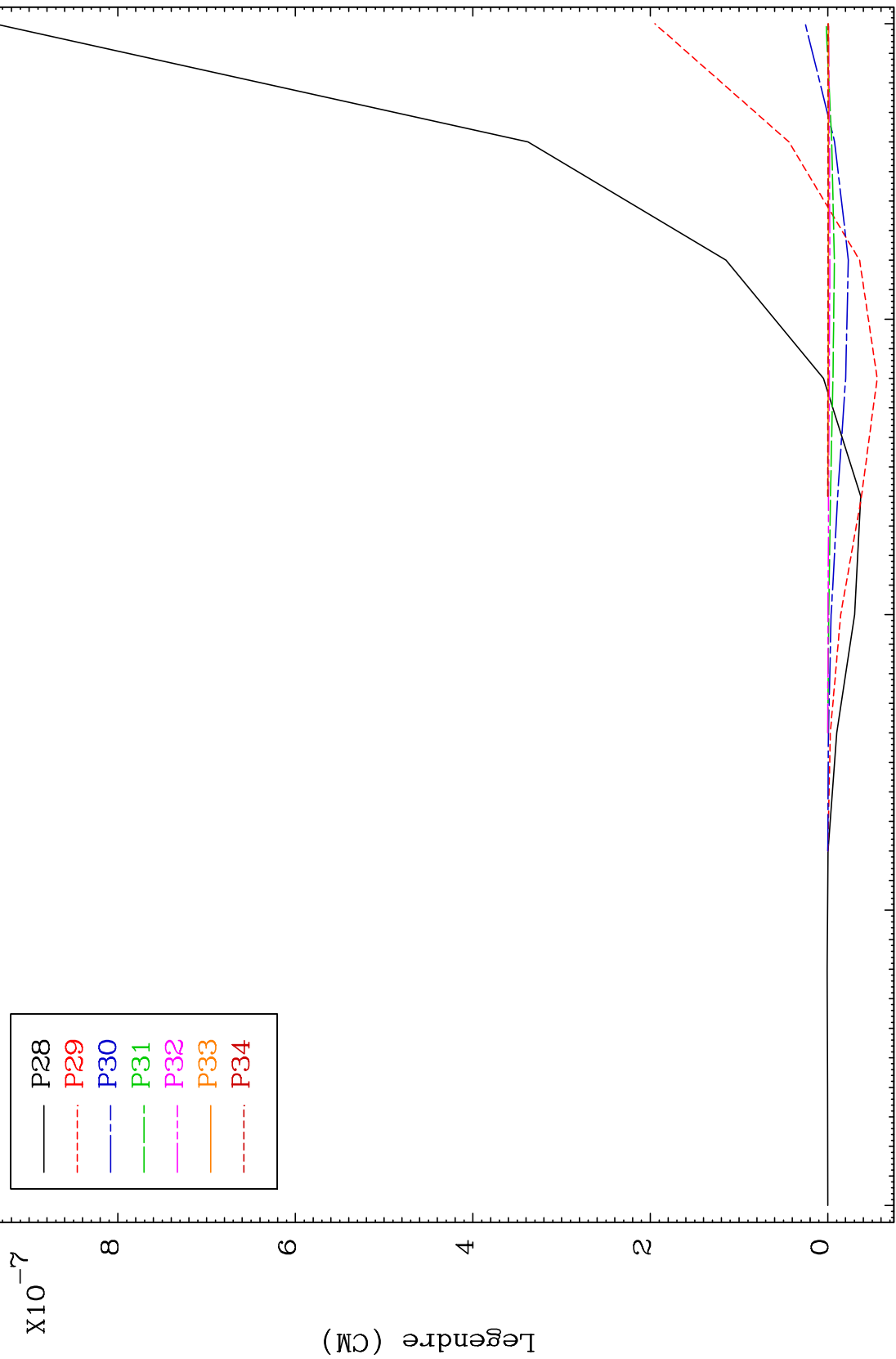
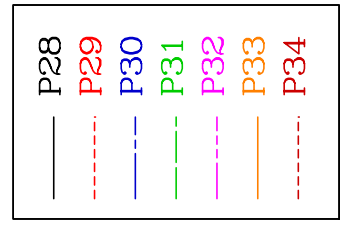
Incident Energy (MeV)

61-Pm-132

MAT 6104

Elastic
Legendre Coefficients

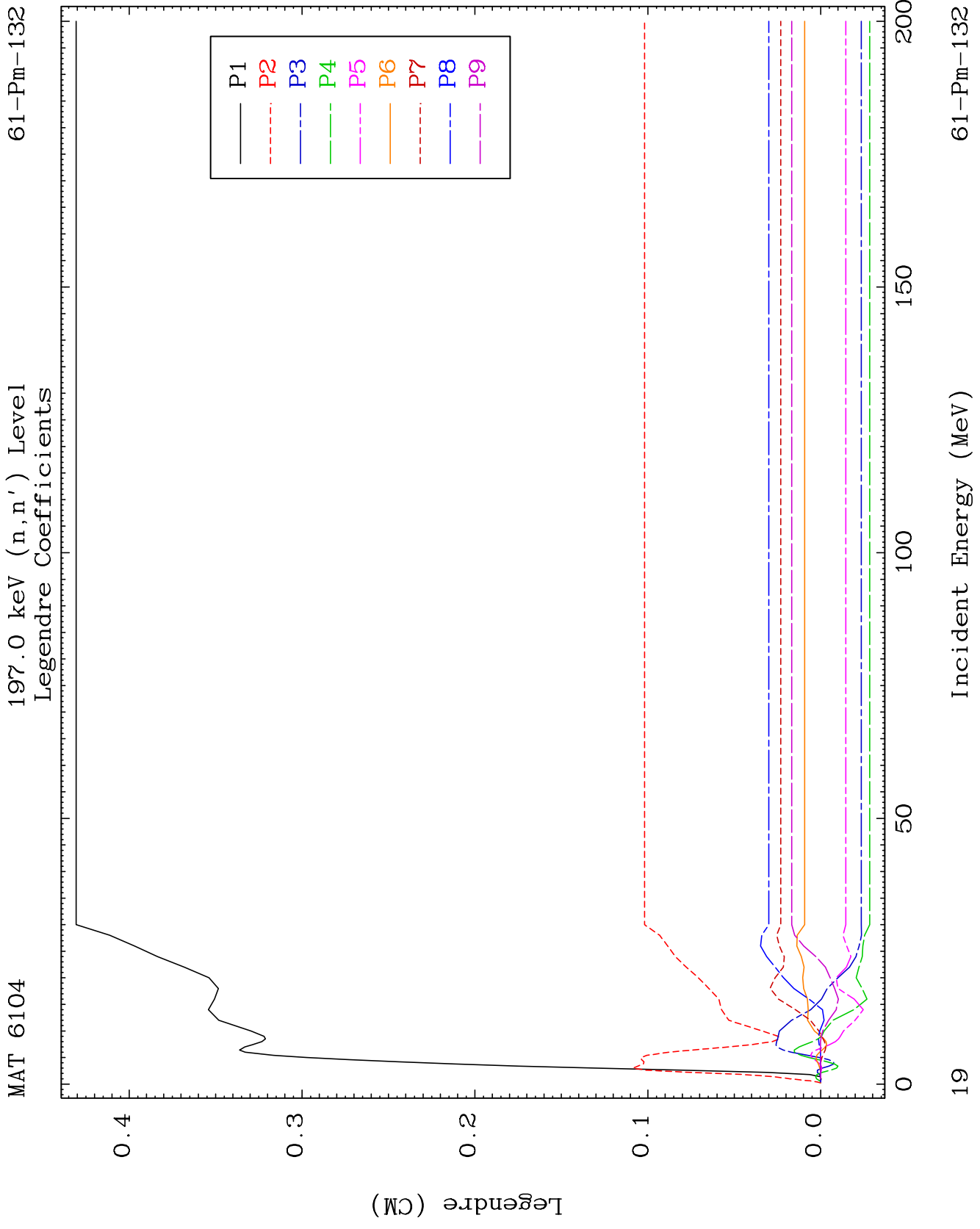
61-Pm-132

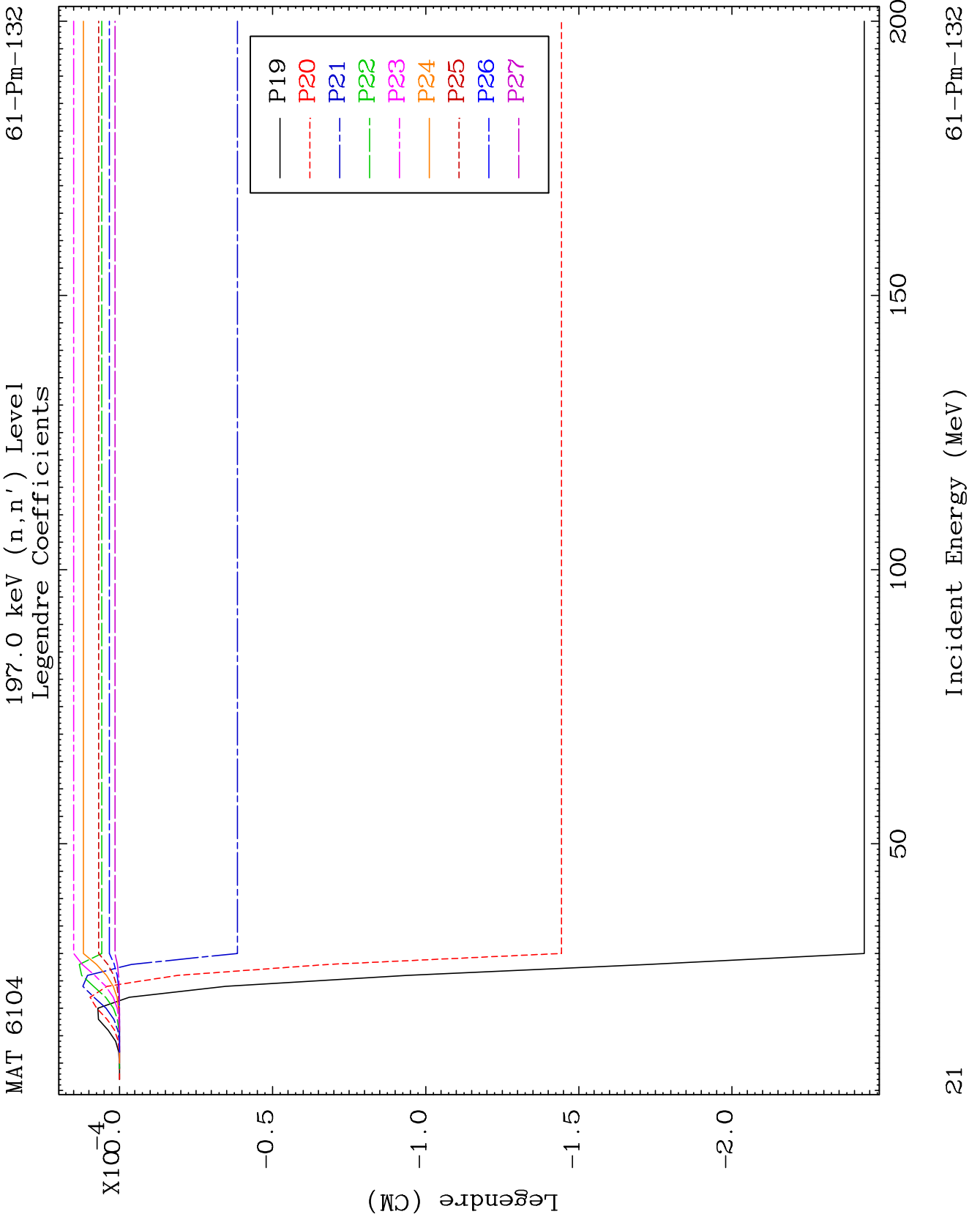


18

Incident Energy (MeV)

61-Pm-132

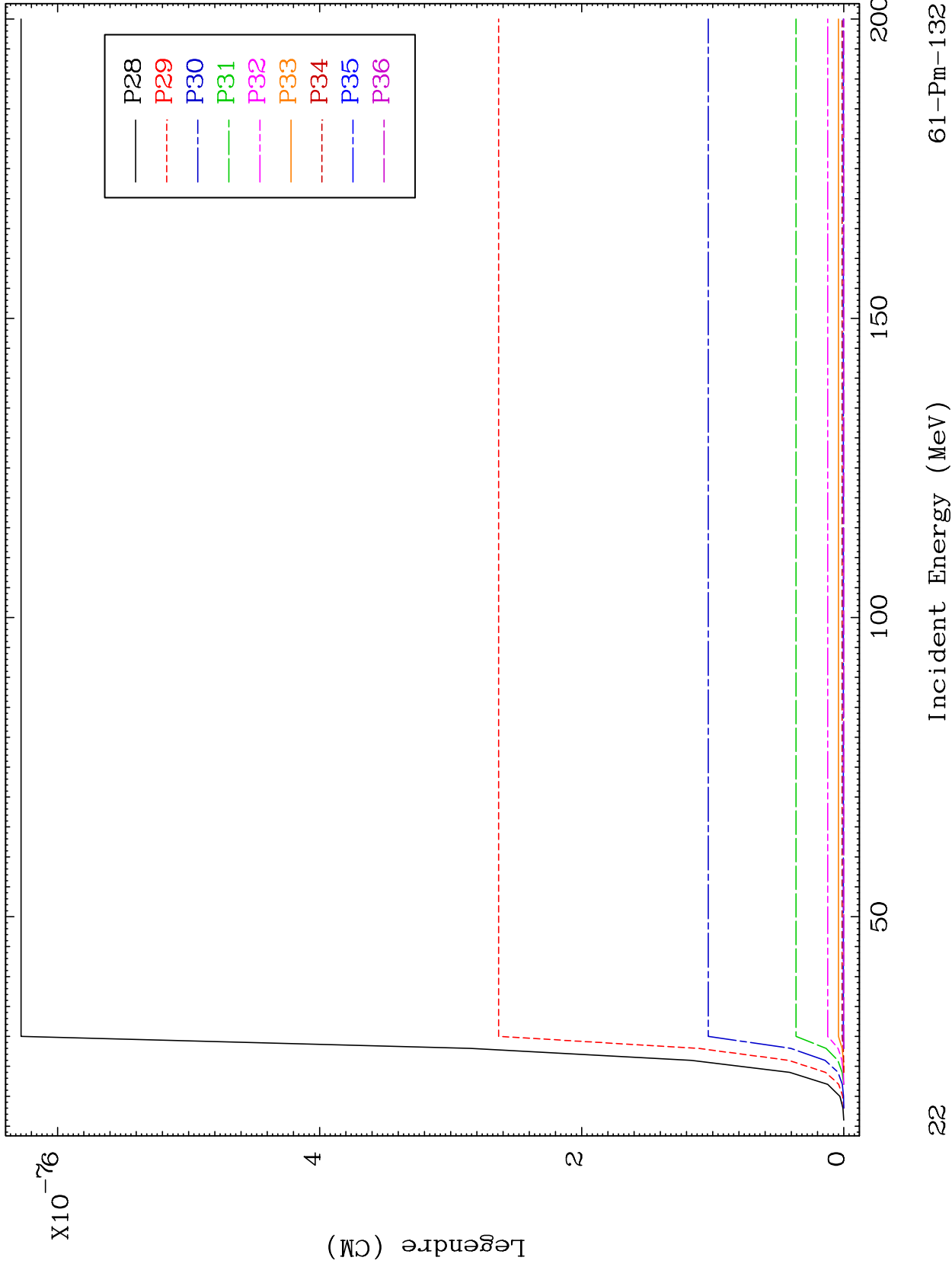




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197.0 keV (n,n') Level
Legendre Coefficients

61-Pm-132



22

Incident Energy (MeV)

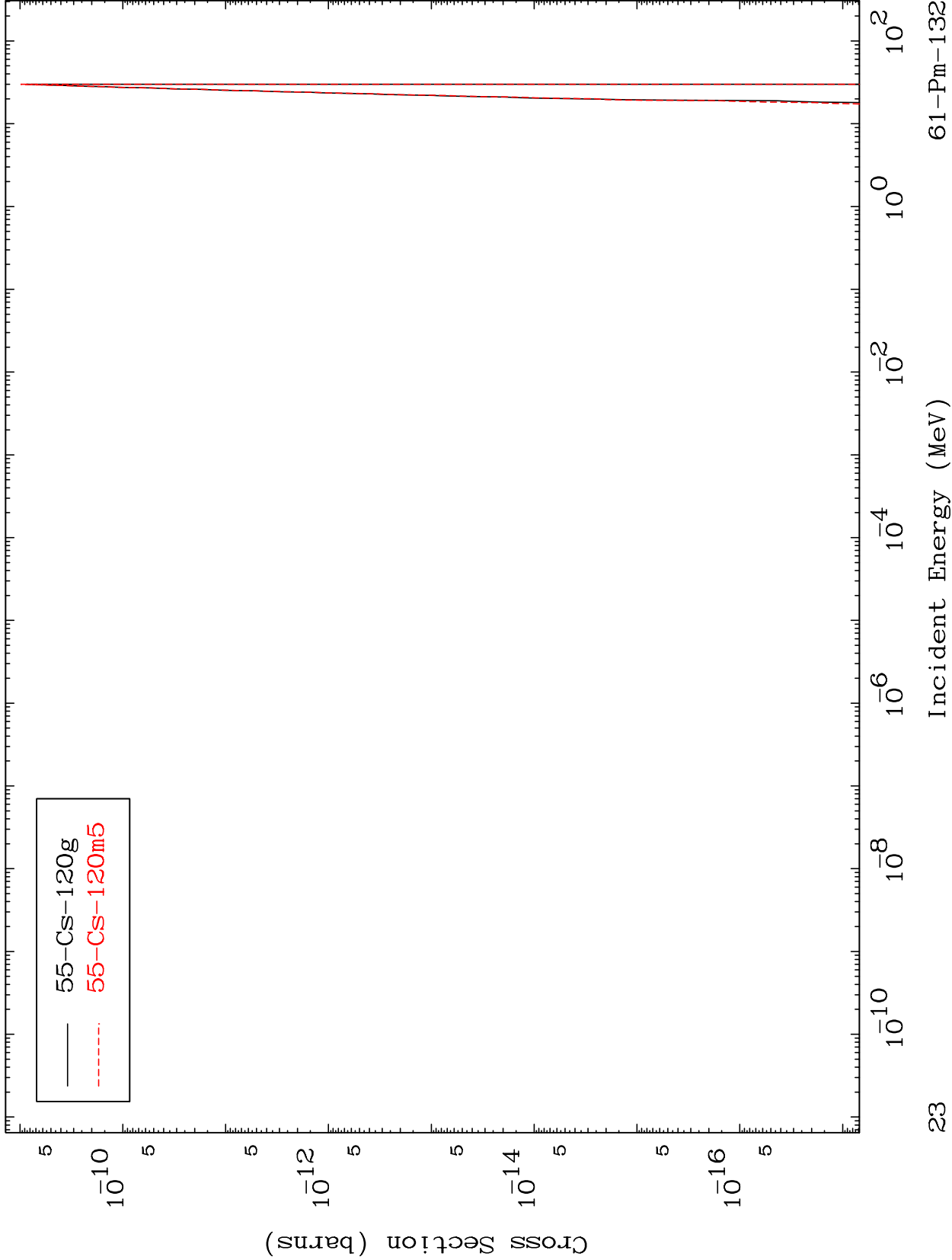
61-Pm-132

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(n,n') 3 α

61-Pm-132

Radionuclide Production Cross Section

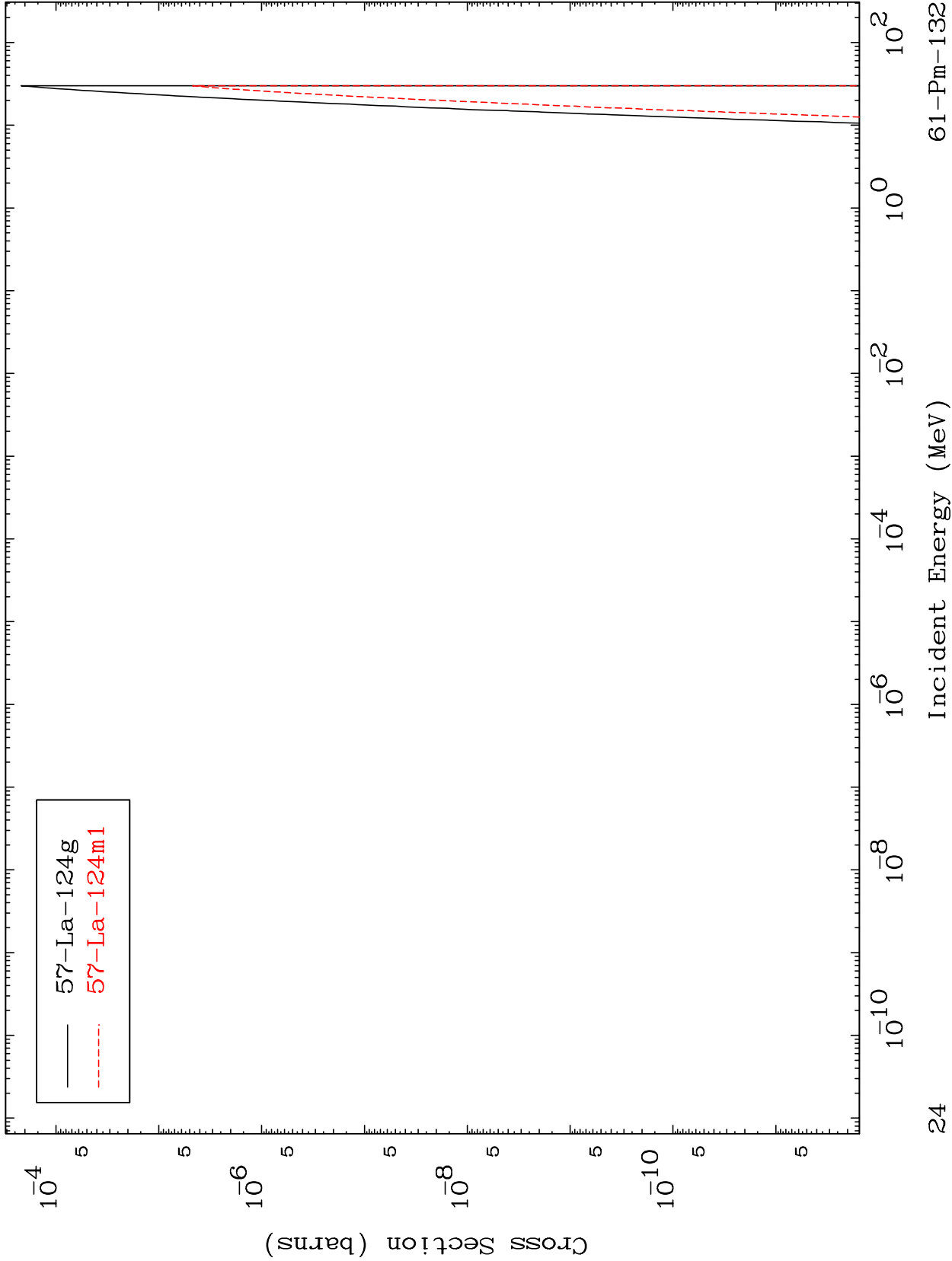


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(n,n') 2α

61-Pm-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

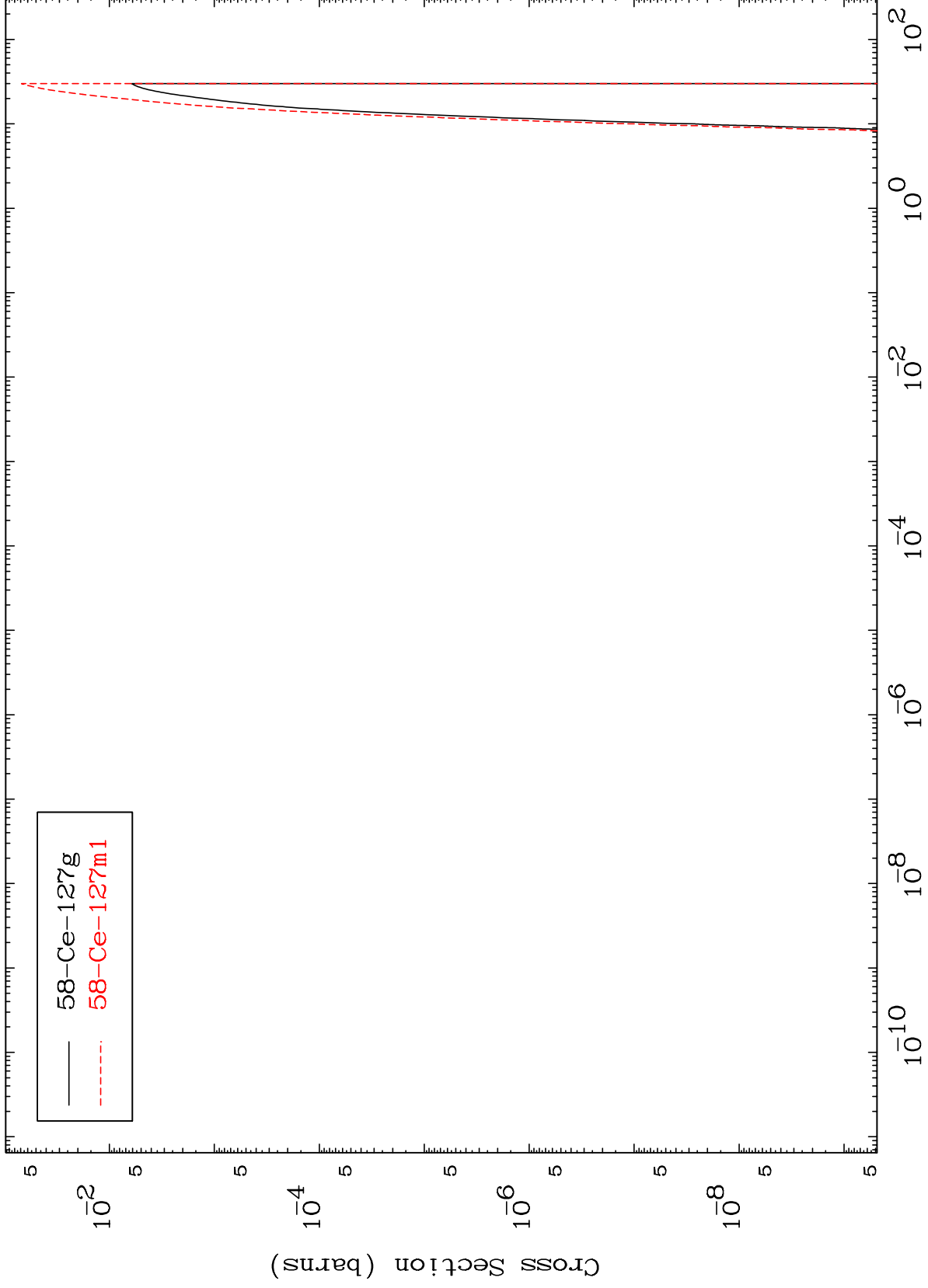
61-Pm-132

MAT 6104

(n,n') p α

61-Pm-132

Radionuclide Production Cross Section



25

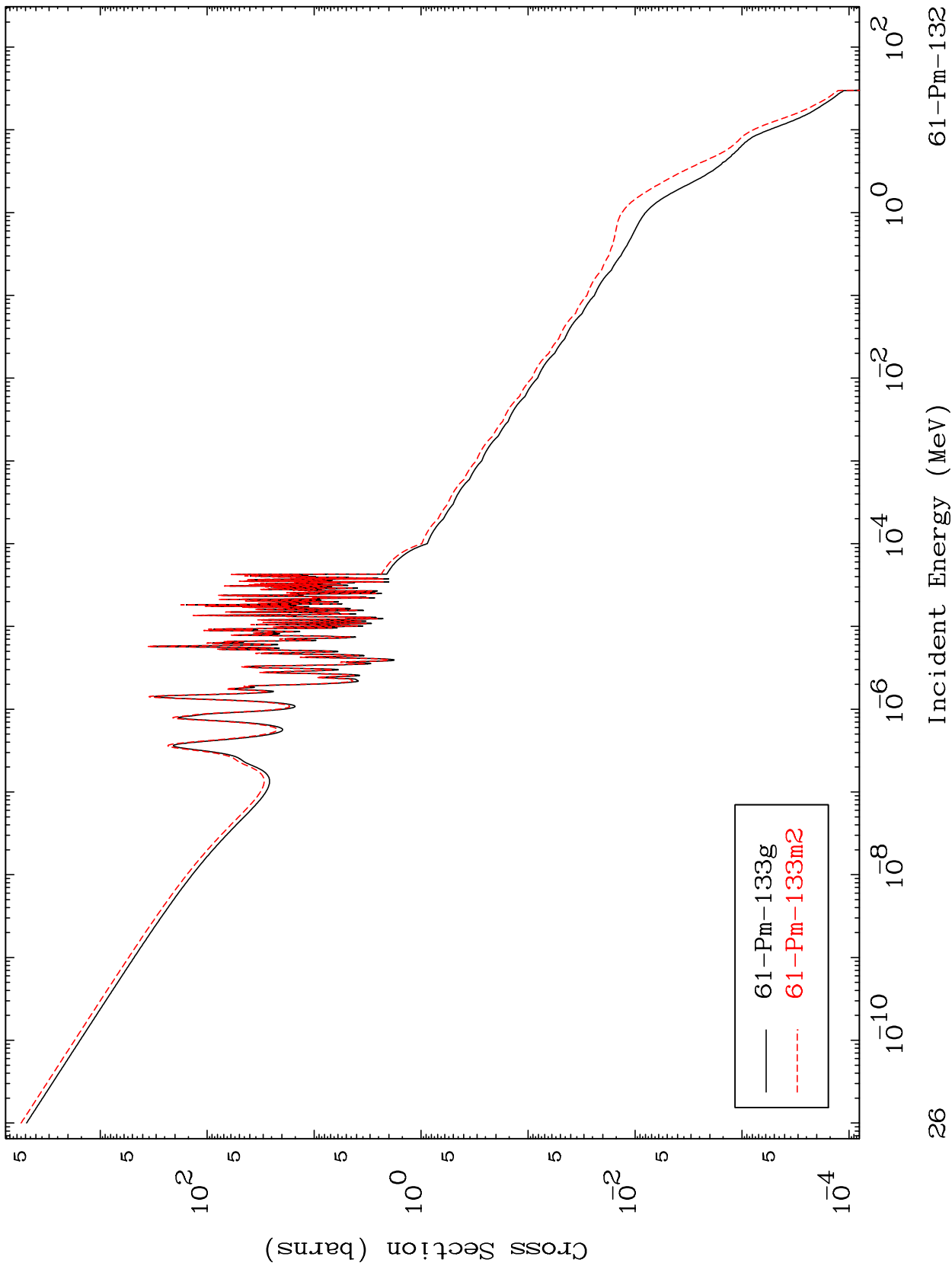
Incident Energy (MeV)

61-Pm-132

MAT 6104

61-Pm-132

(n, γ)
Radionuclide Production Cross Section

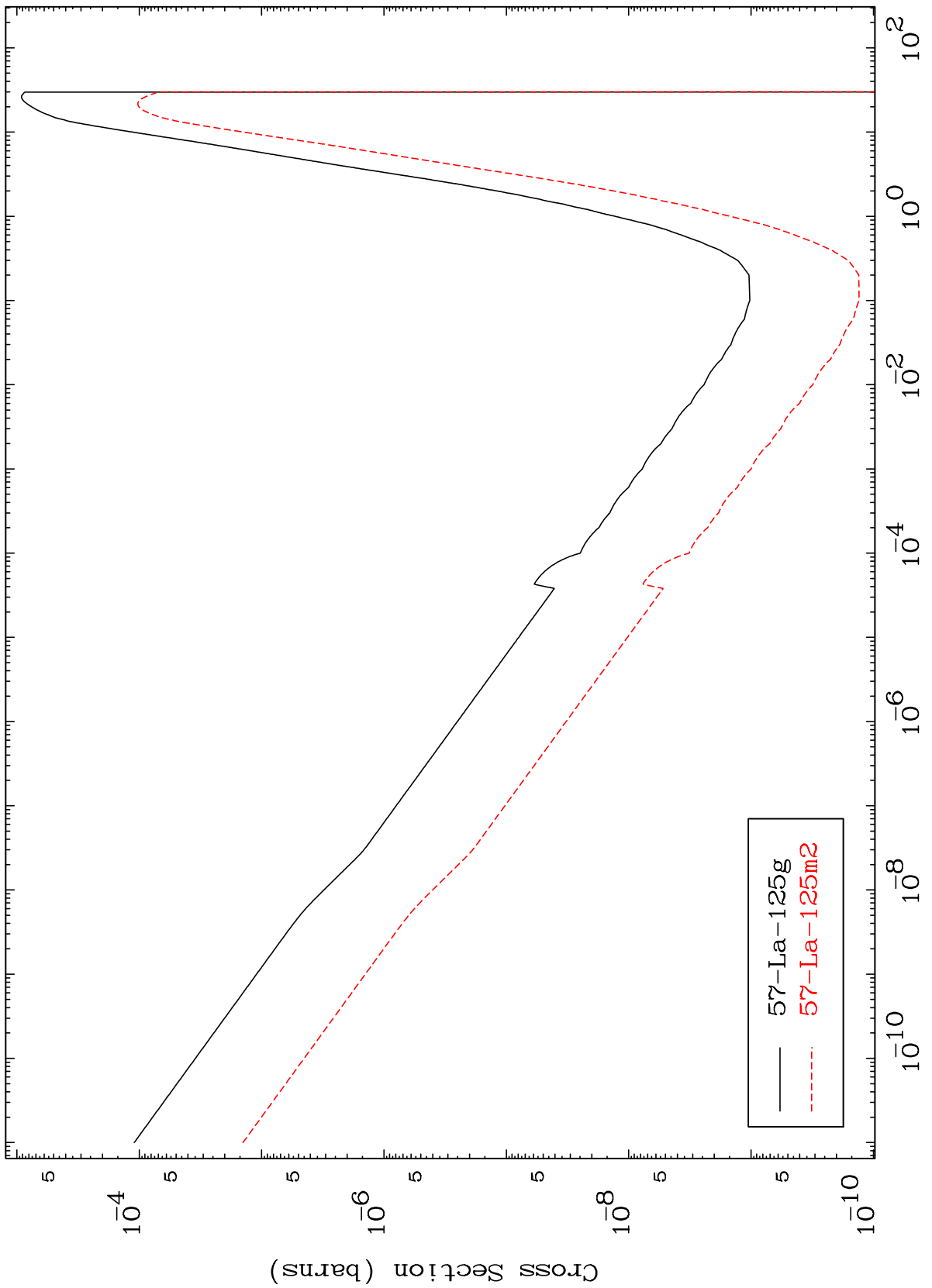


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(n,2α)

61-Pm-132

Radionuclide Production Cross Section



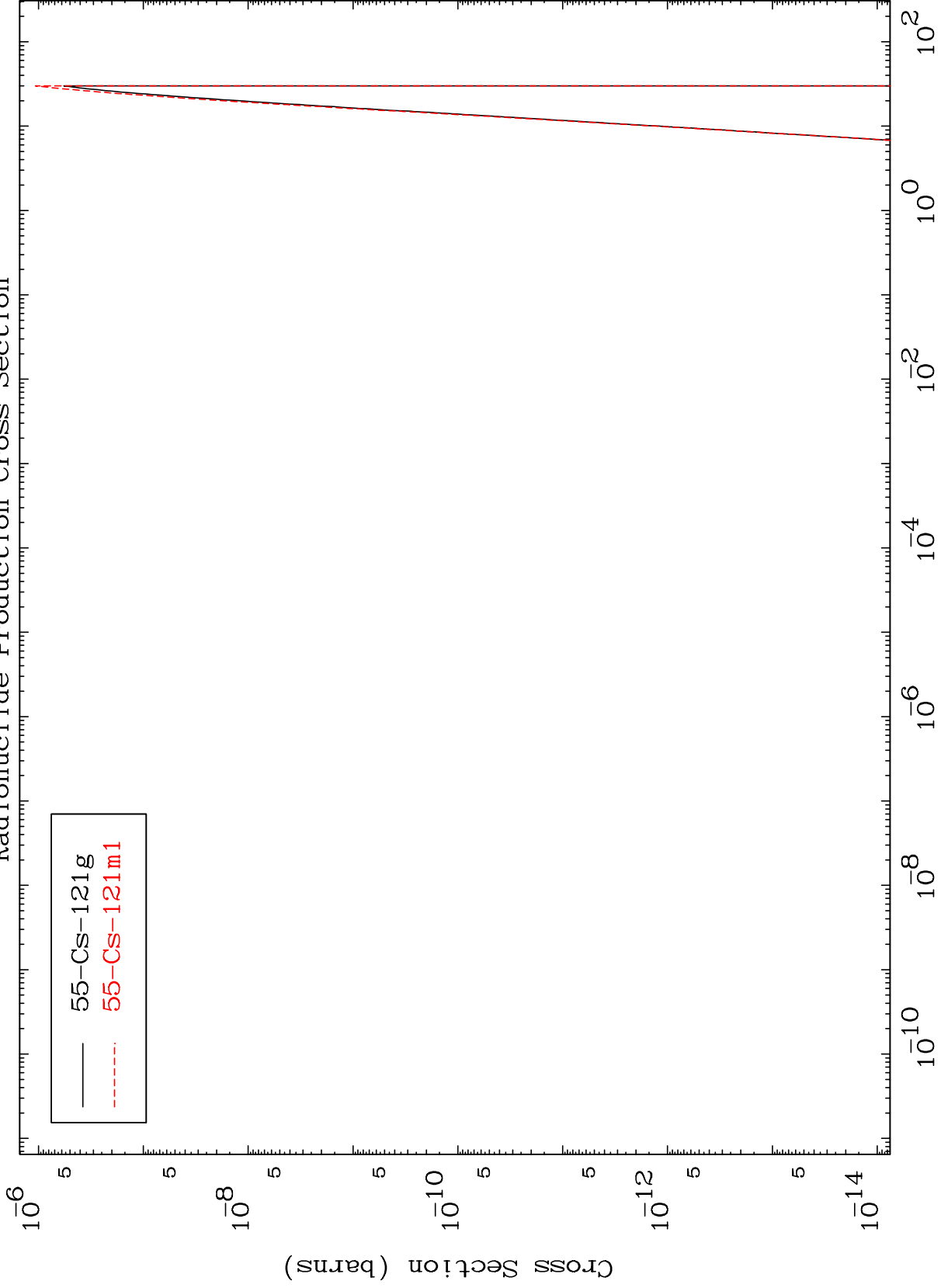
— 57-La-125g
- - - 57-La-125m2

MAT 6104

(n, 3α)

61-Pm-132

Radionuclide Production Cross Section

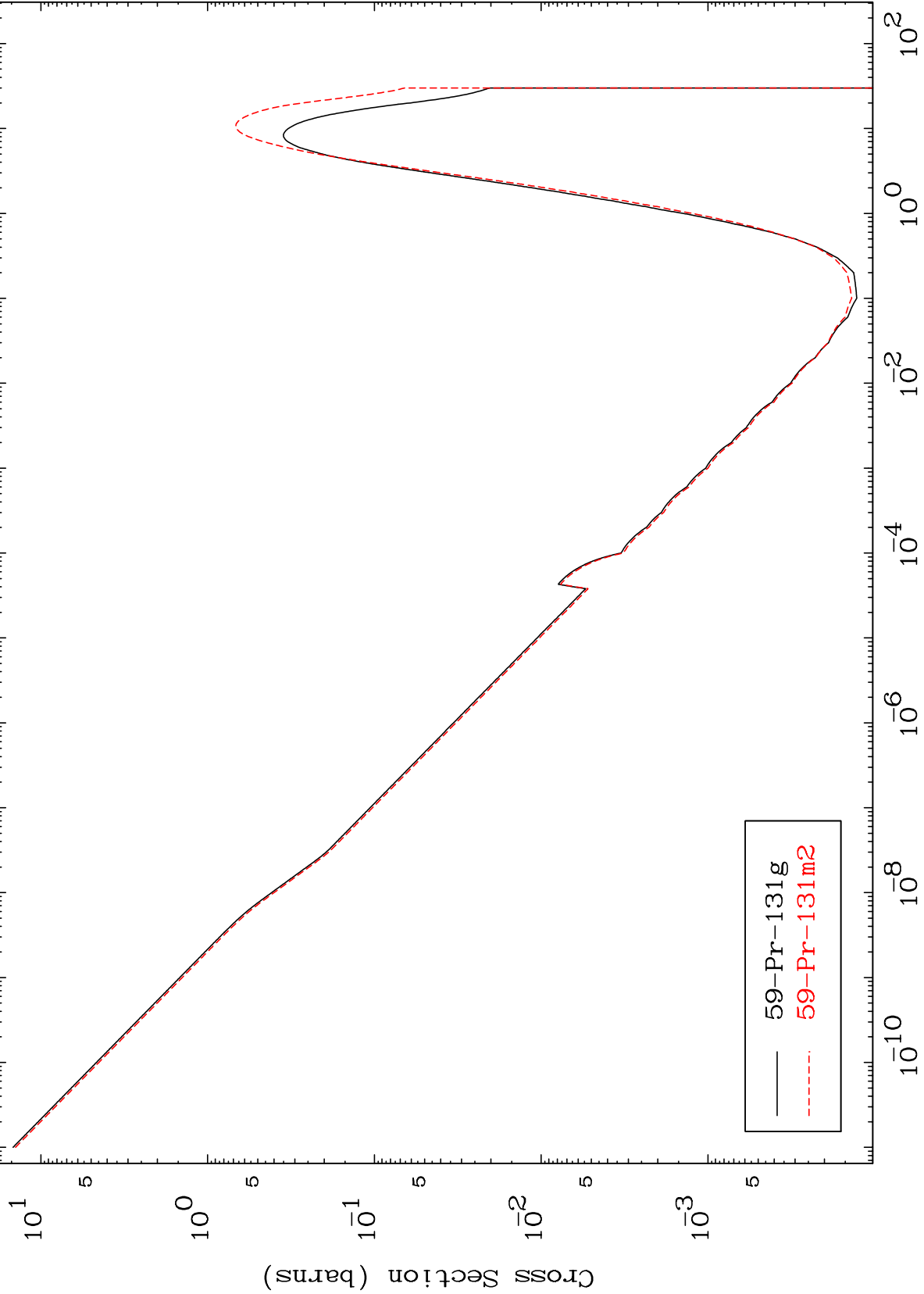


MAT 6104

(n,2p)

61-Pm-132

Radionuclide Production Cross Section



— 59-Pr-131g
- - - 59-Pr-131m2

MAT 6104

(n,d) α

61-Pm-132

Radionuclide Production Cross Section

