

Program EVALPLOT
(Version 2018-1)

by

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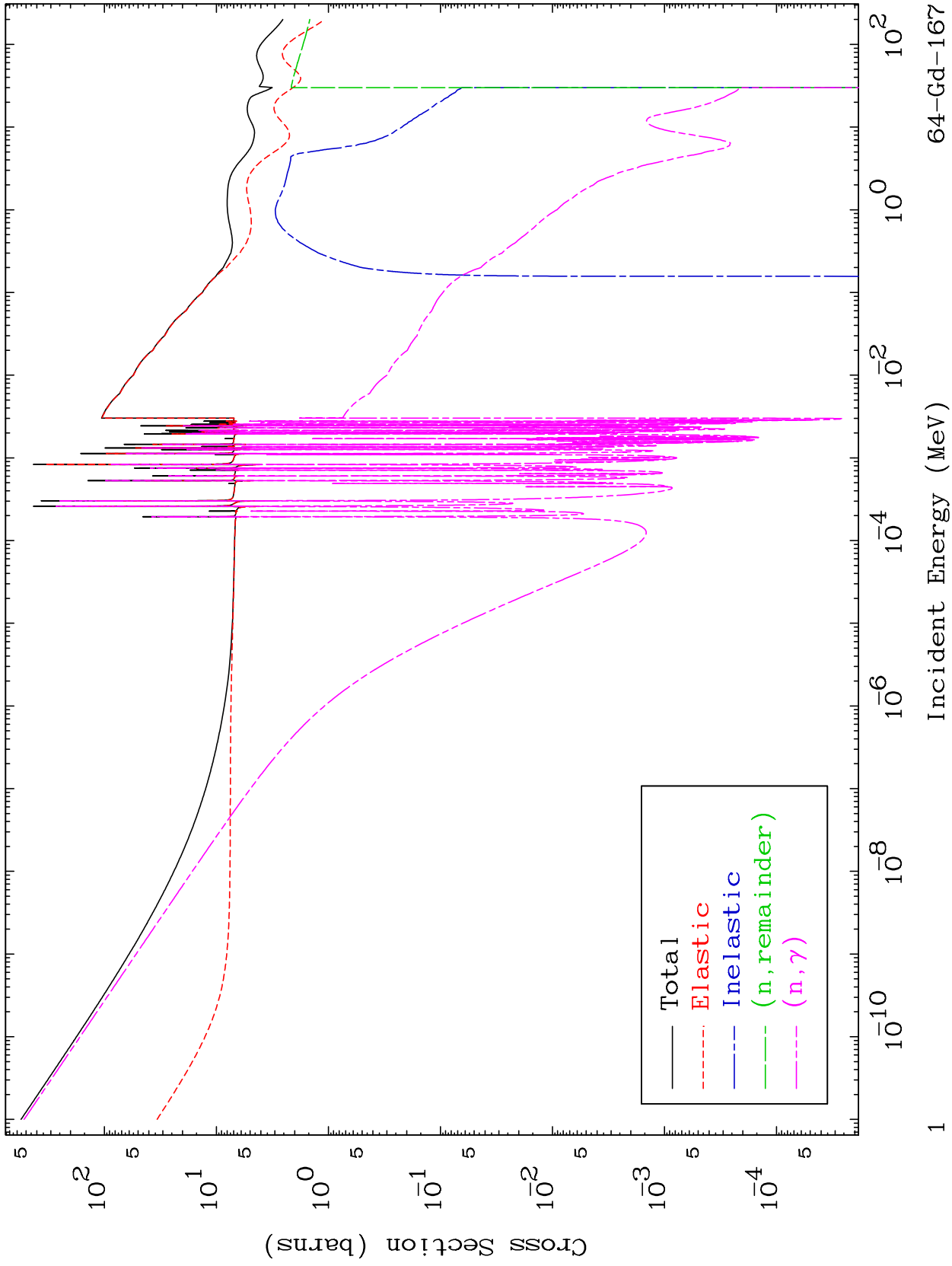
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6470

Major
293 Kelvin Cross Sections

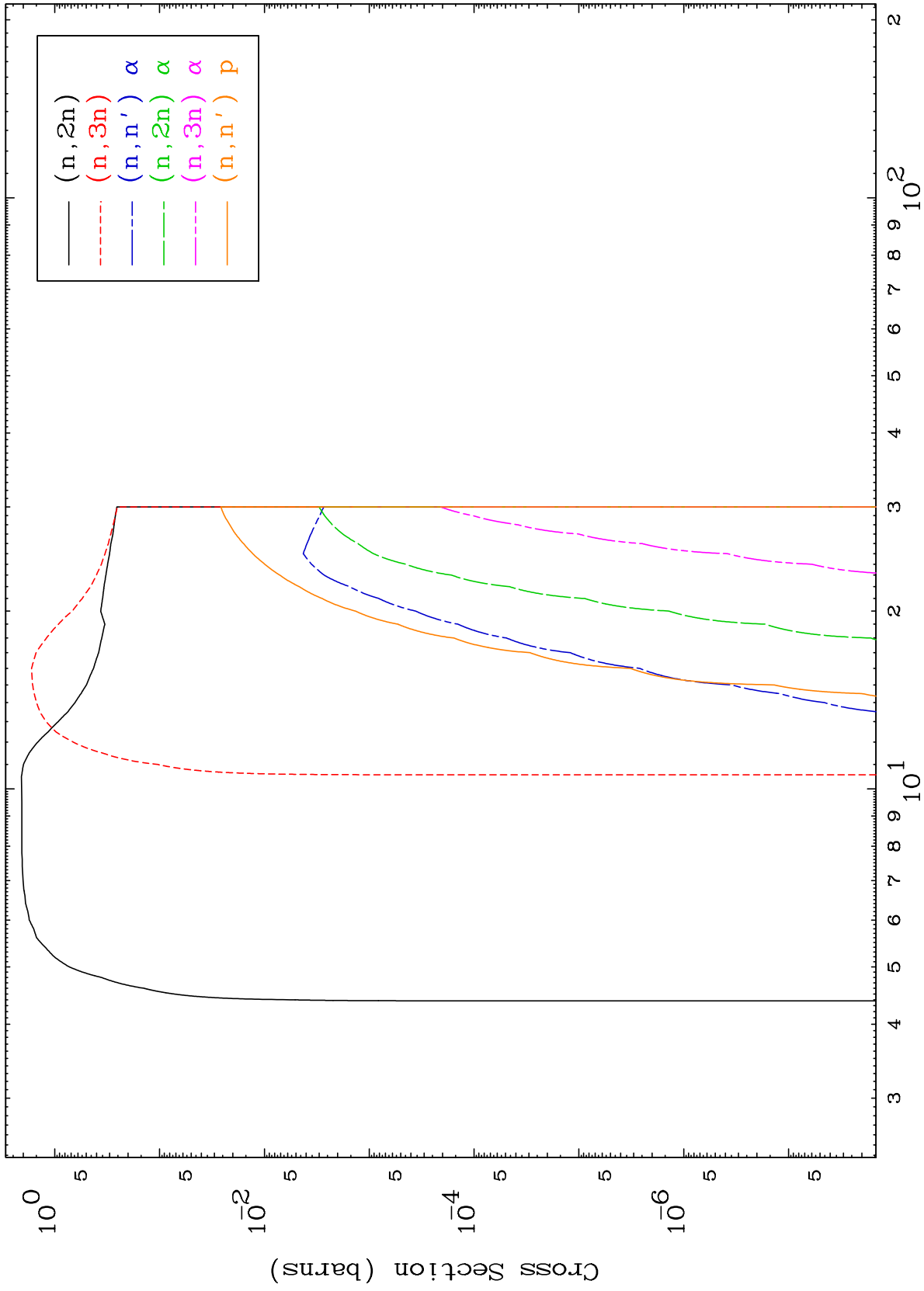
64-Gd-167



MAT 6470

Neutron Production 293 Kelvin Cross Sections

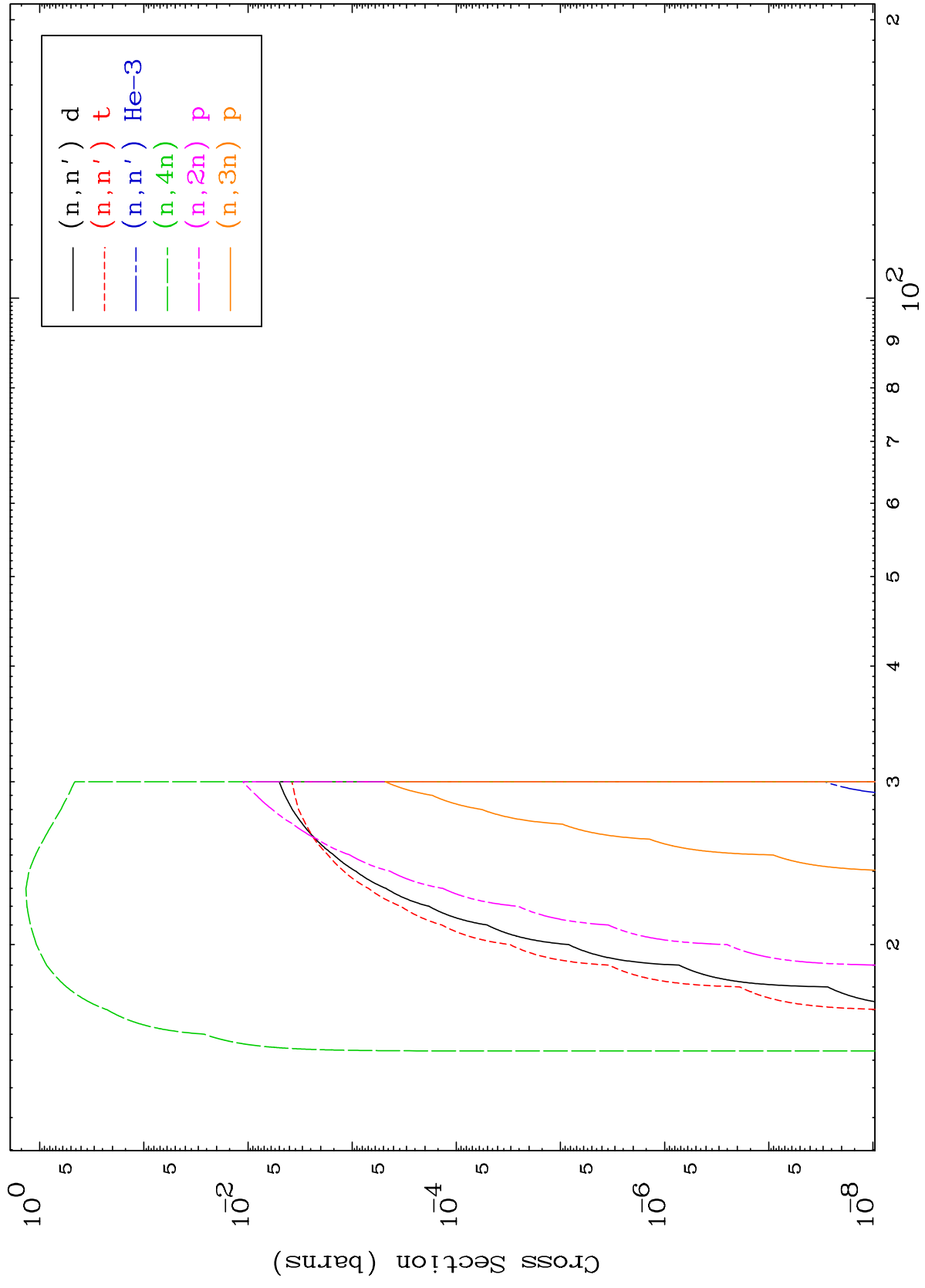
64-Gd-167



2

Incident Energy (MeV)

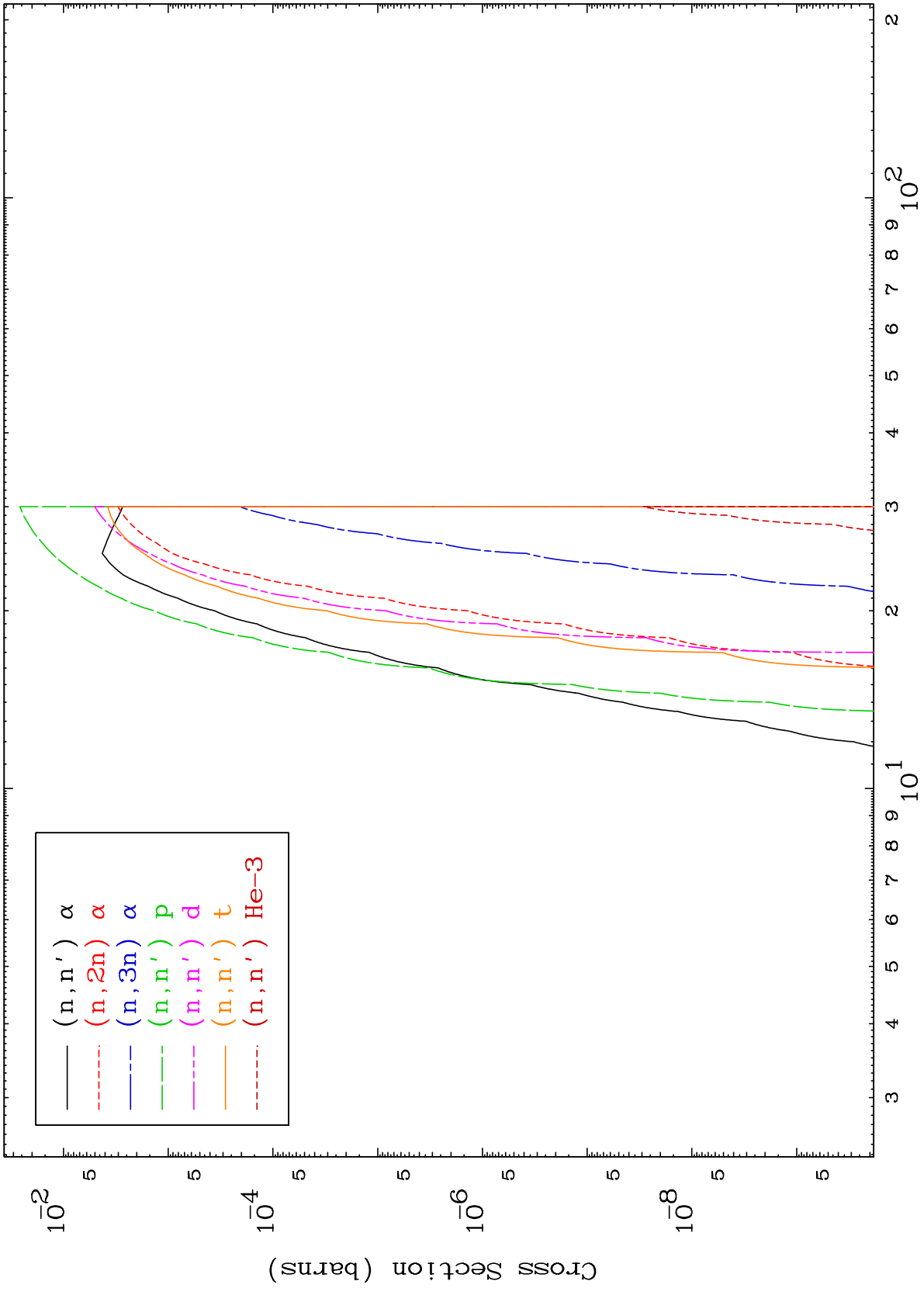
64-Gd-167



MAT 6470

Charged Particle
293 Kelvin Cross Sections

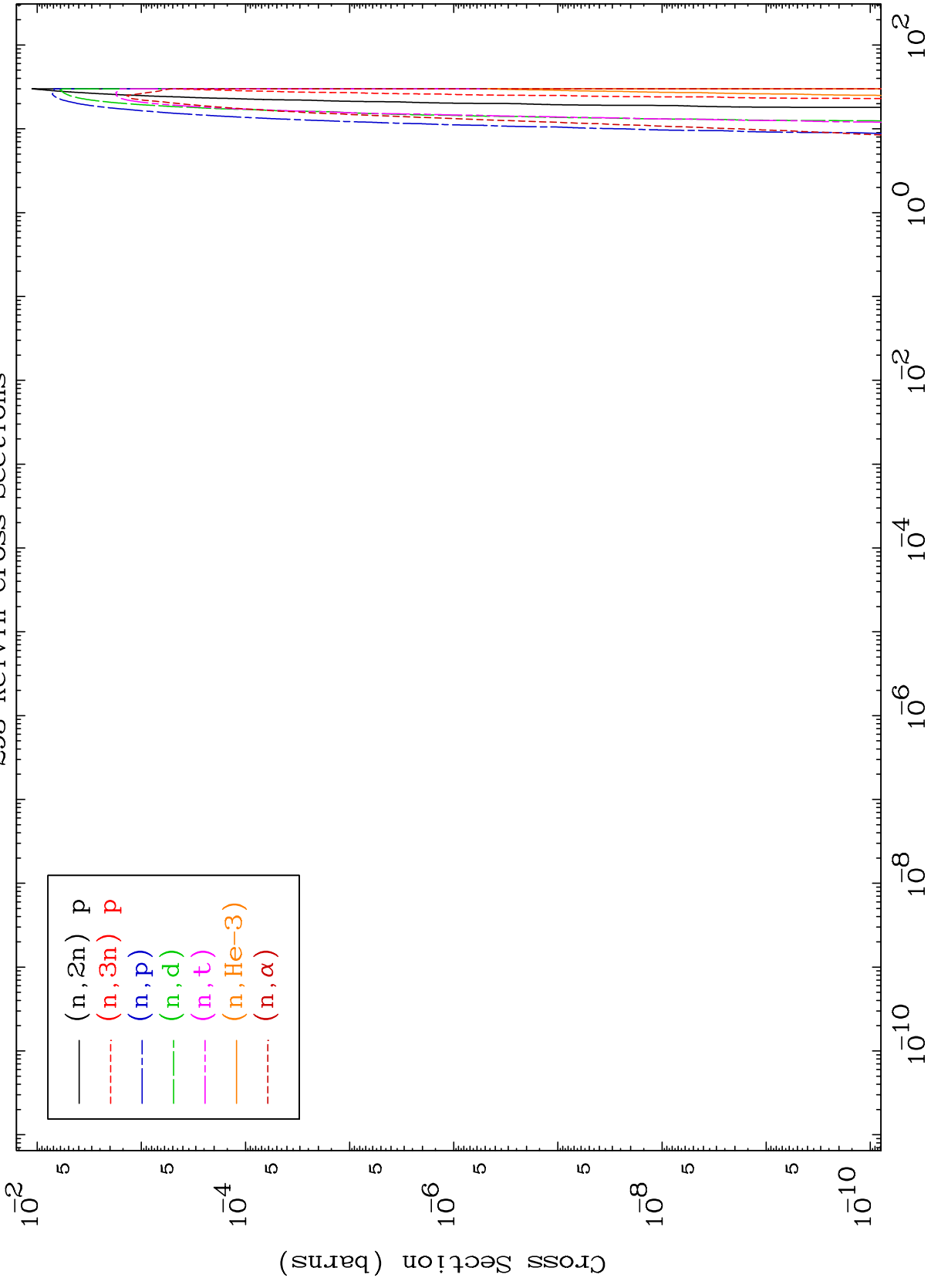
64-Gd-167



MAT 6470

293 Kelvin Cross Sections
Charged Particle

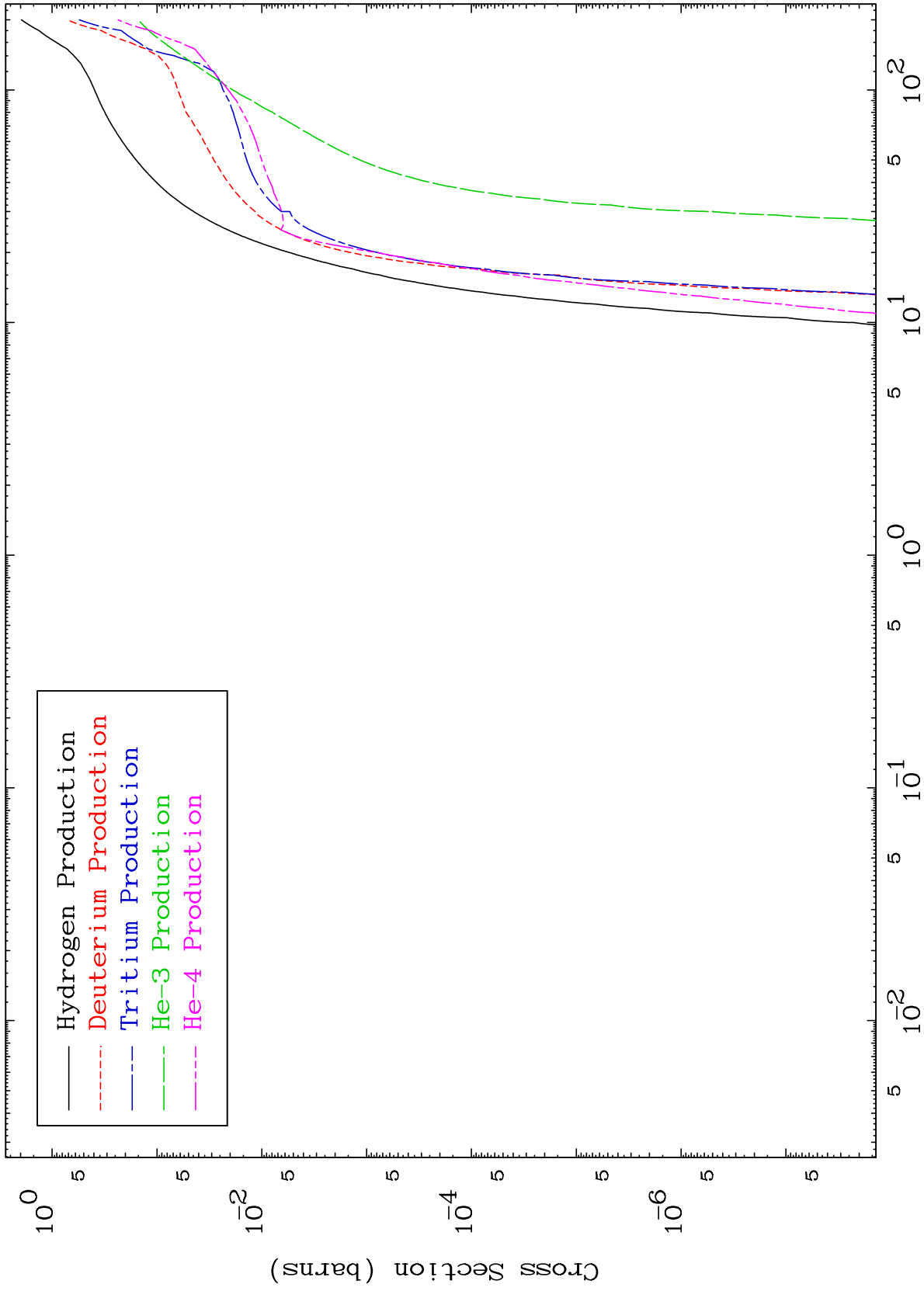
64-Gd-167



MAT 6470

Particle Production
293 Kelvin Cross Sections

64-Gd-167



6

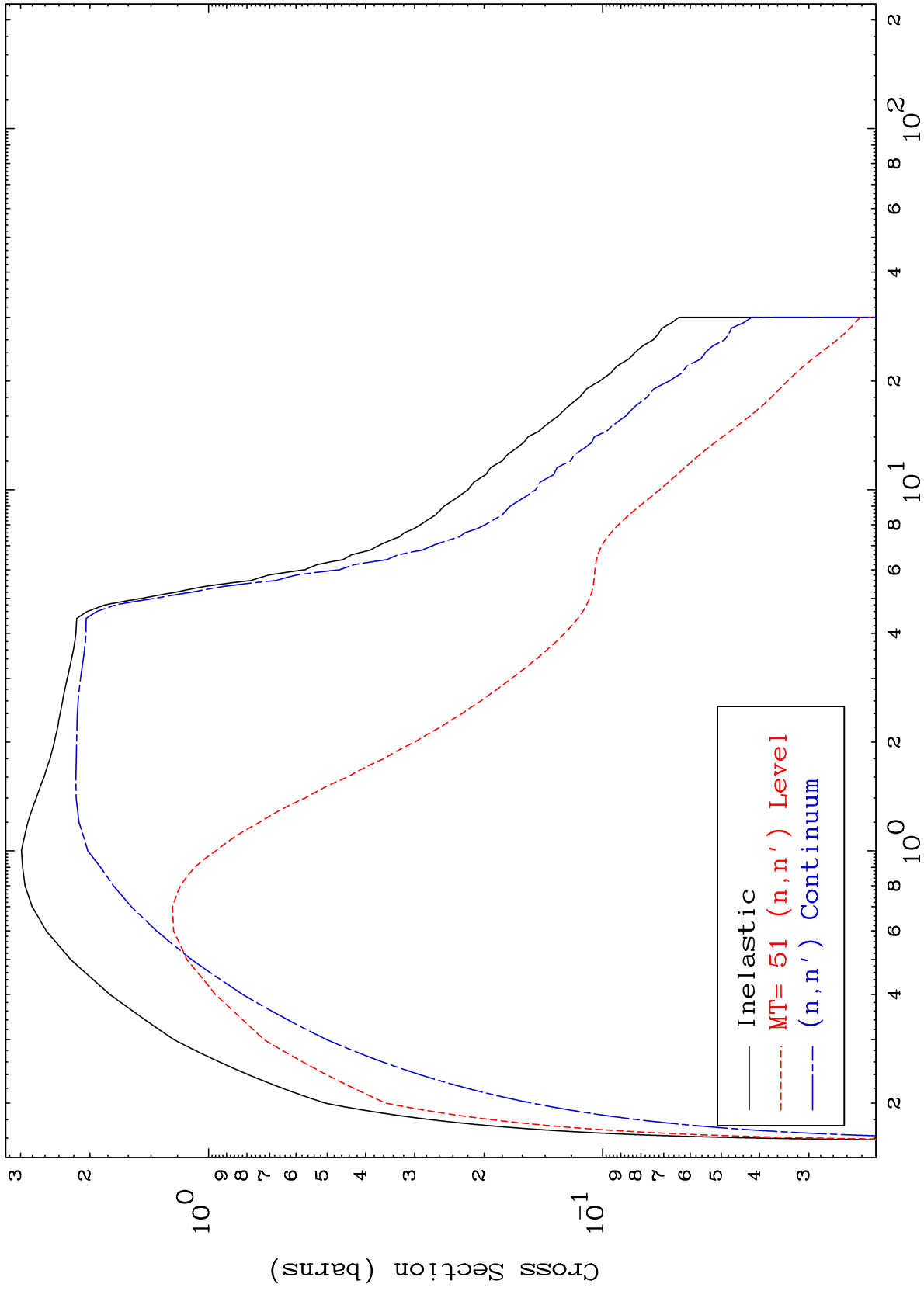
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,n') Level
293 Kelvin Cross Sections

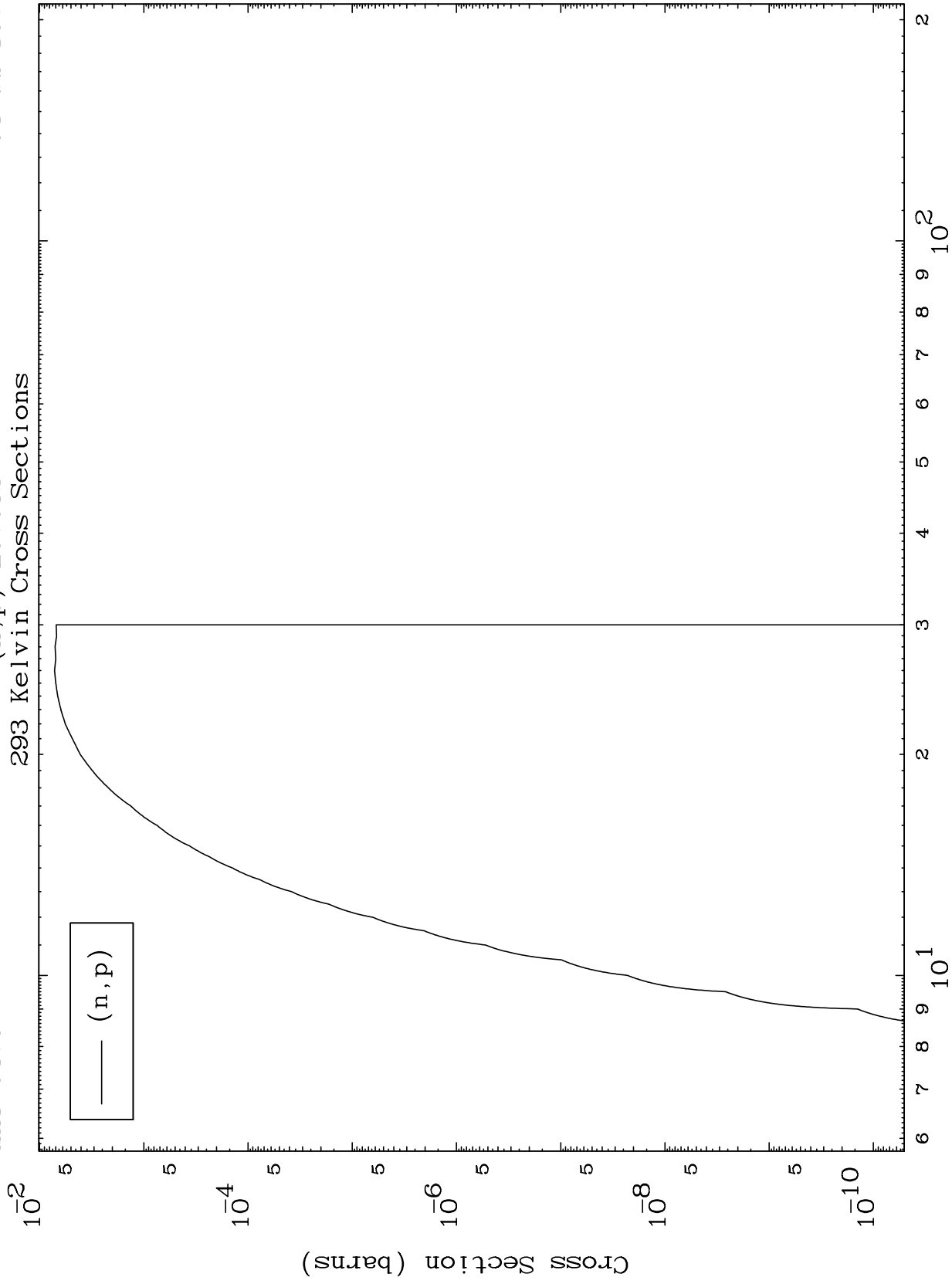
64-Gd-167



MAT 6470

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-167



8

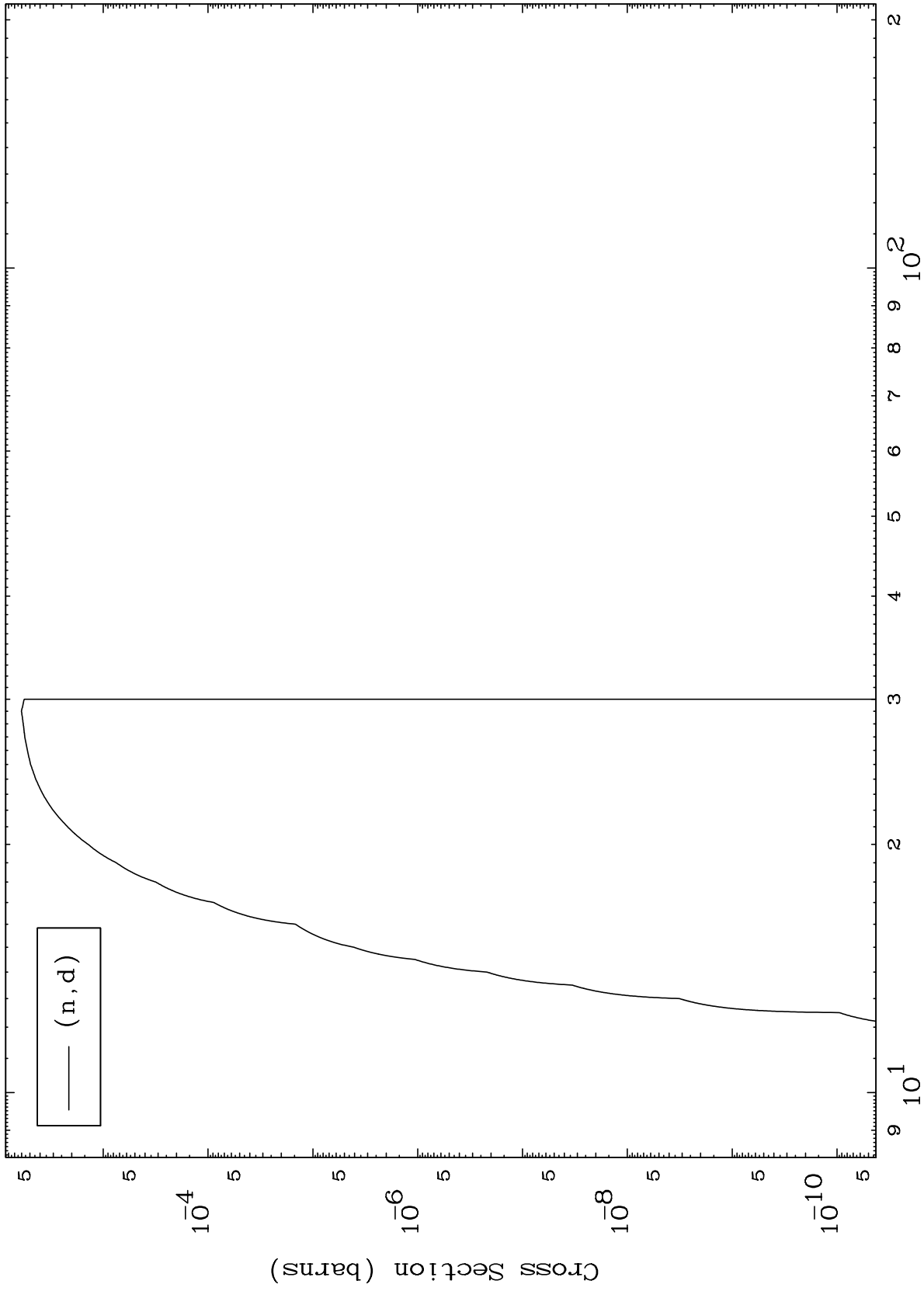
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-167



9

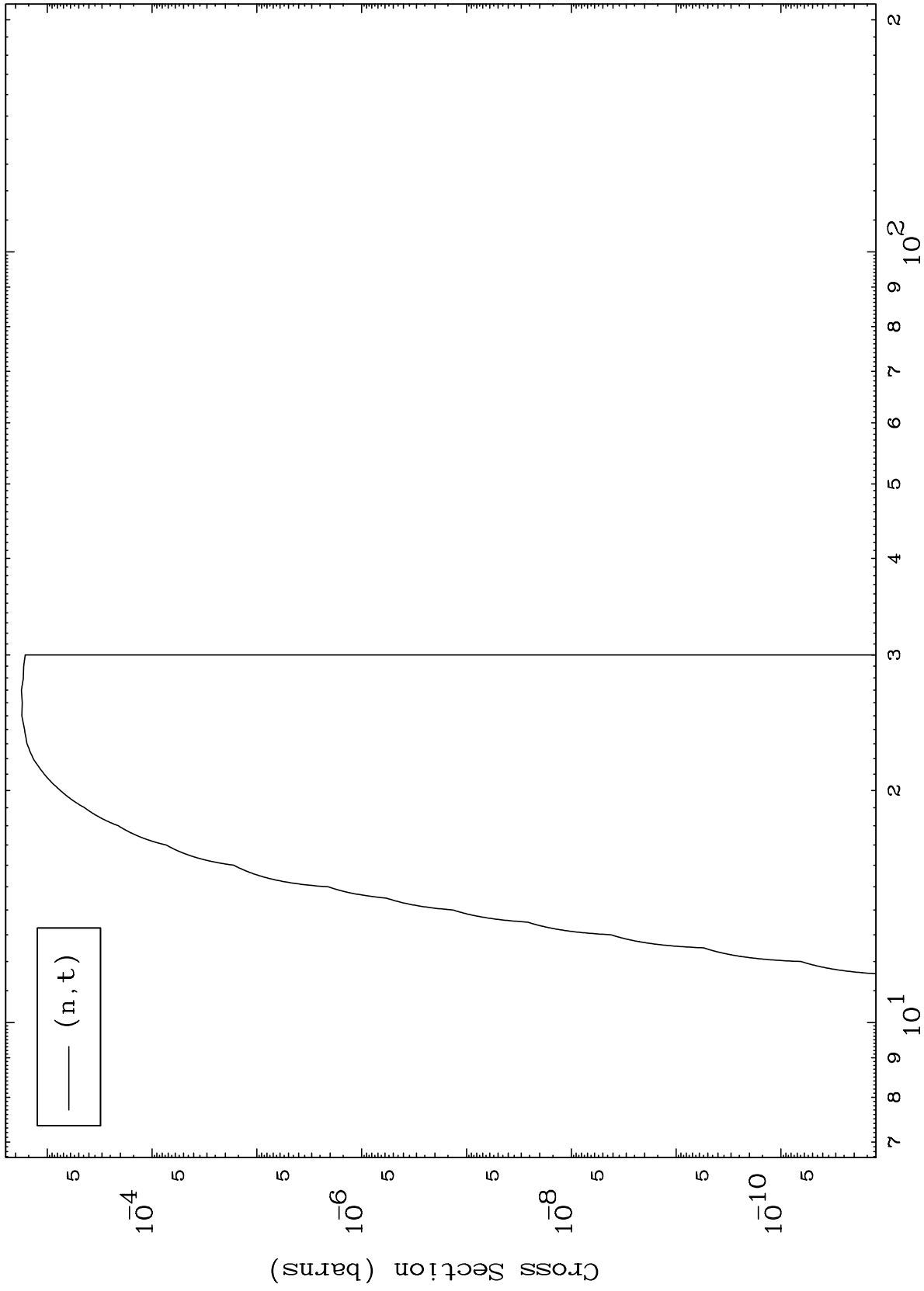
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-167



10

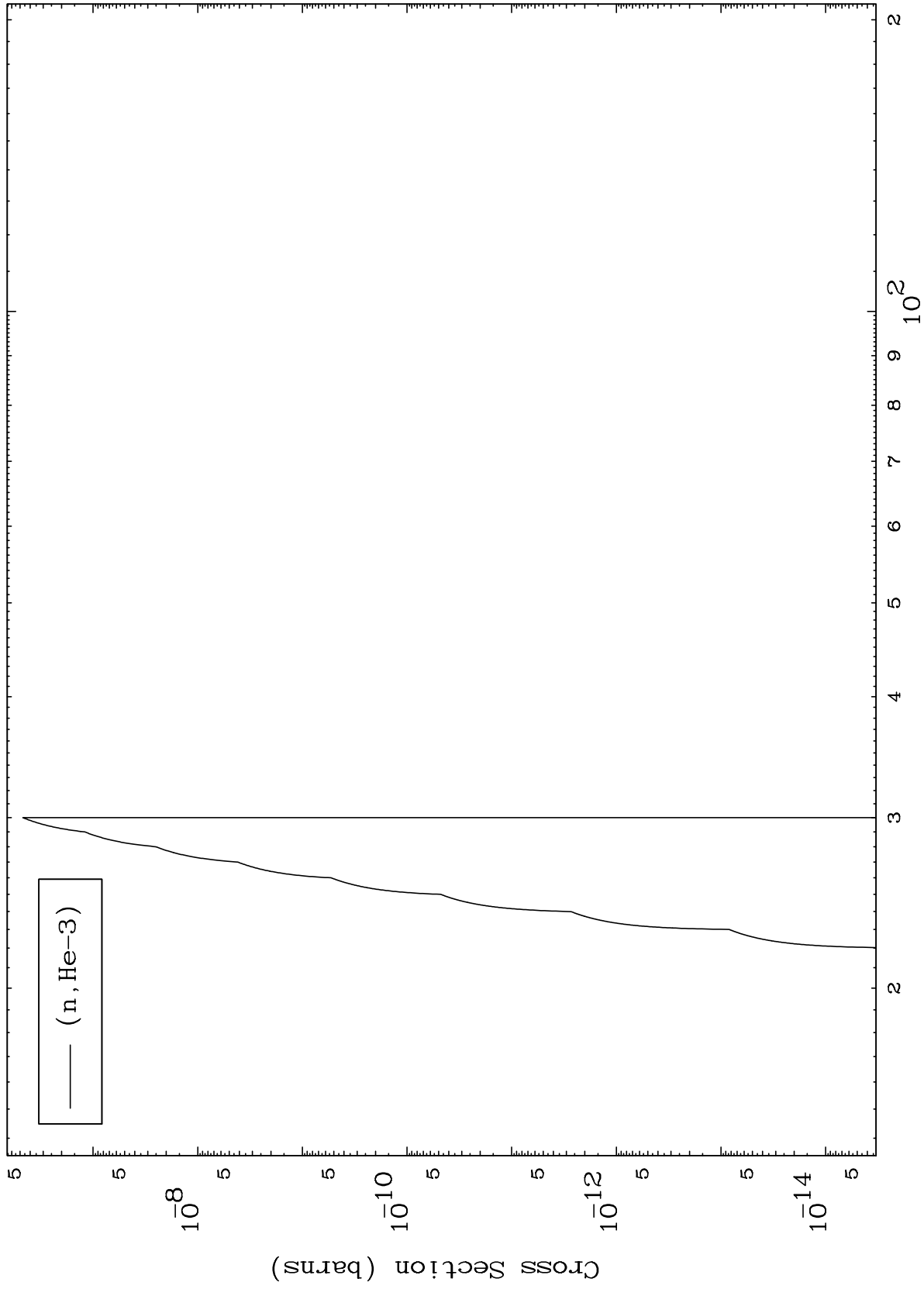
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-167



11

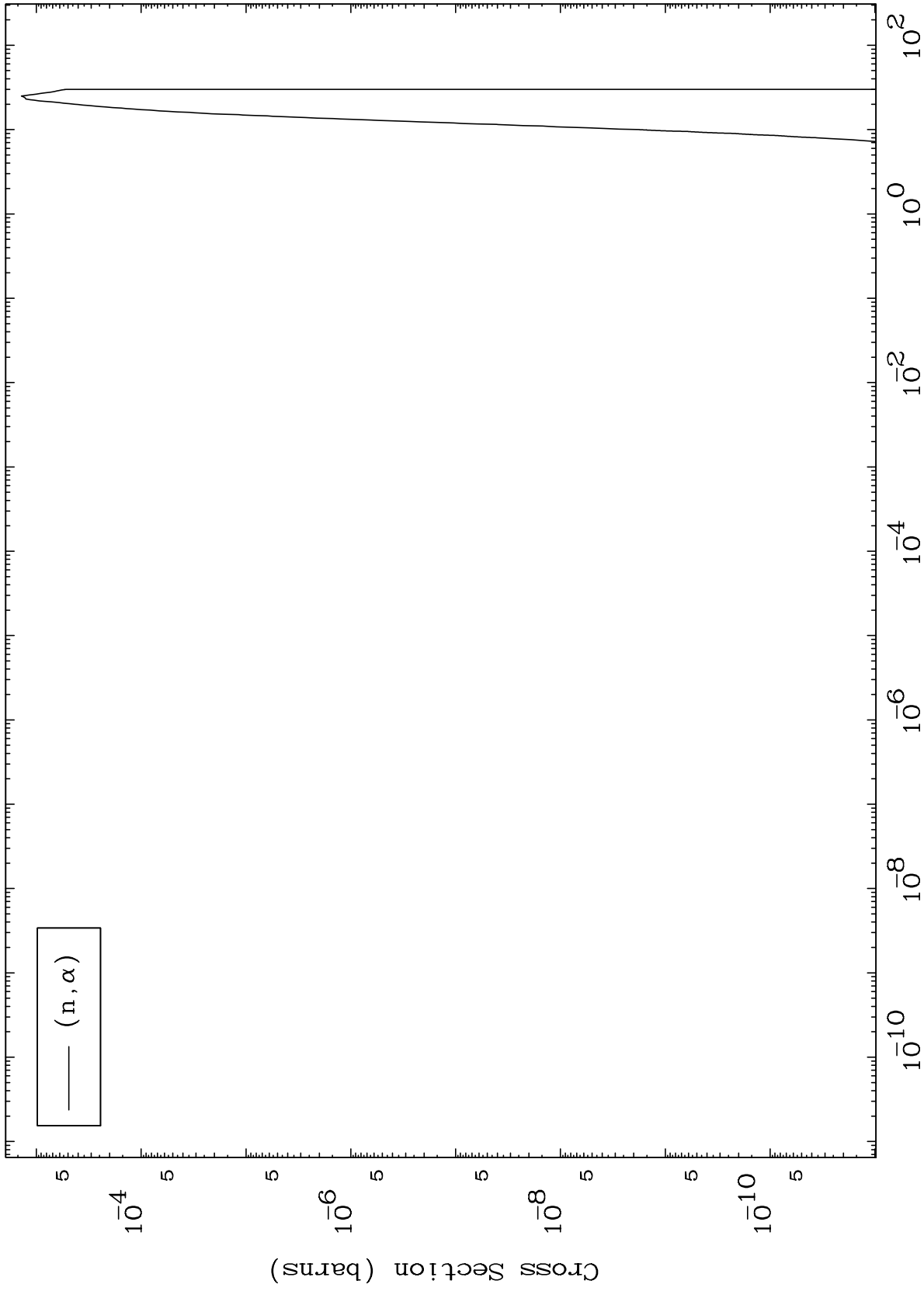
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,α) Levels
293 Kelvin Cross Sections

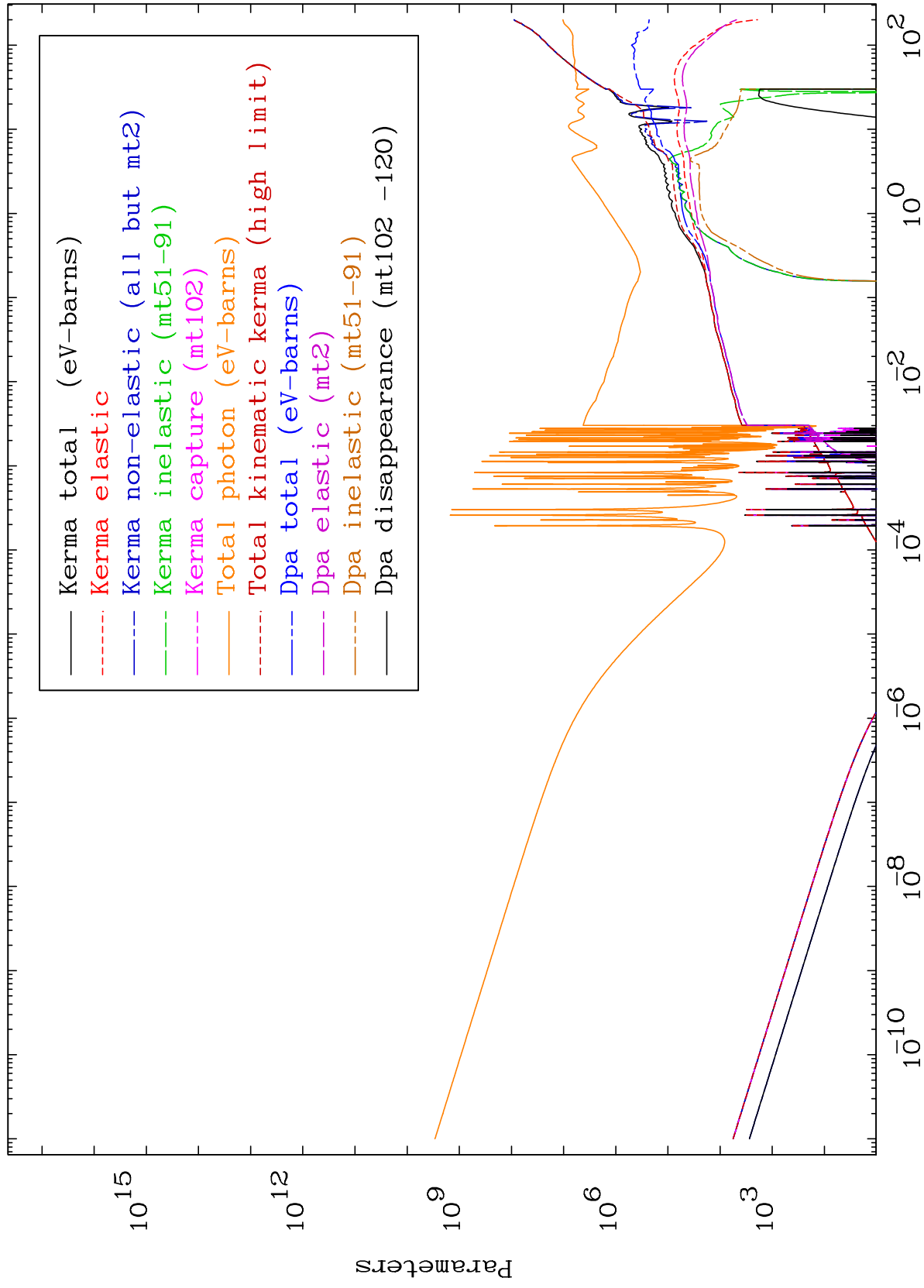
64-Gd-167



12

Incident Energy (MeV)

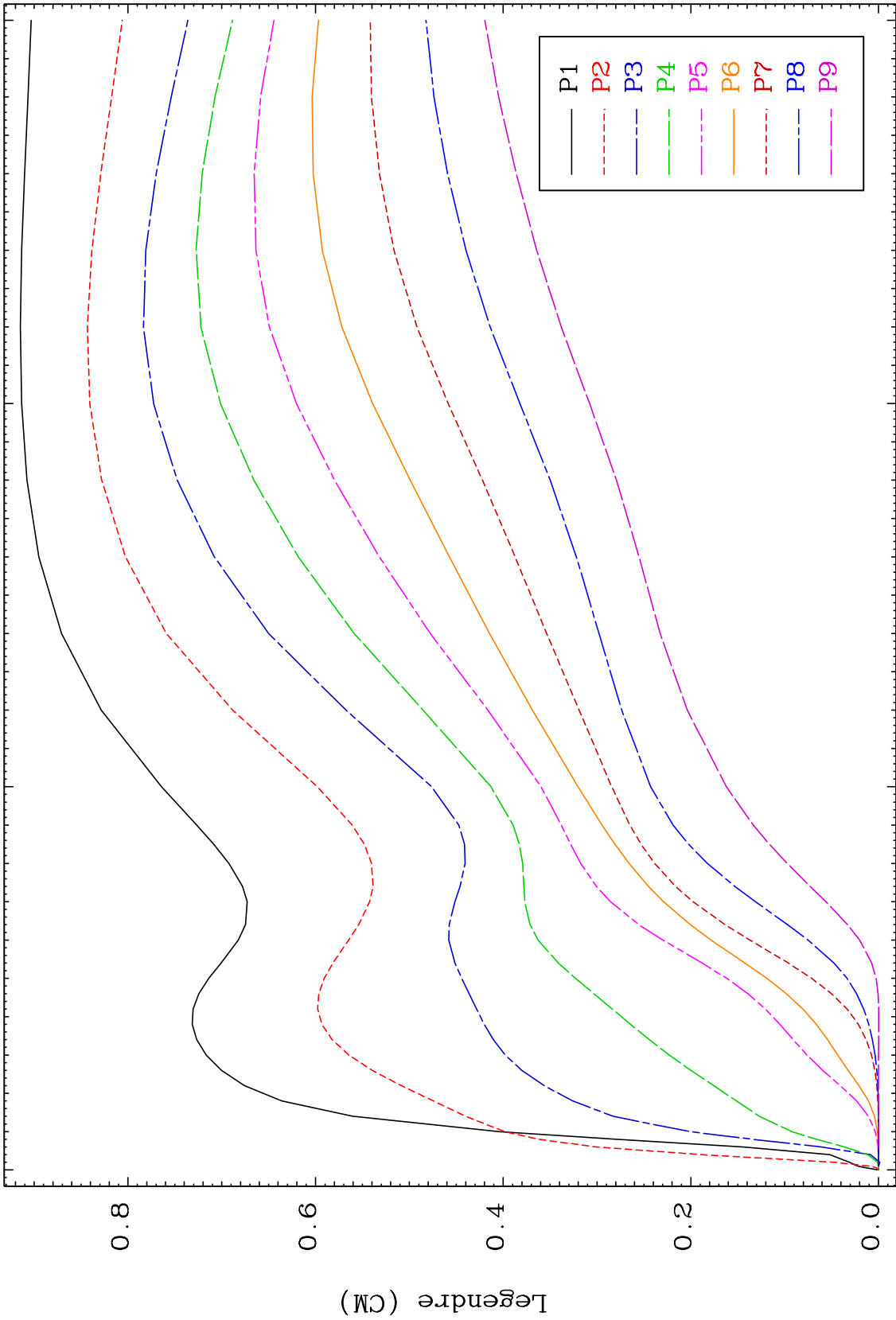
64-Gd-167



MAT 6470

64-Gd-167

Elastic Legendre Coefficients



14

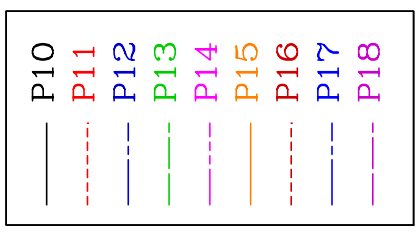
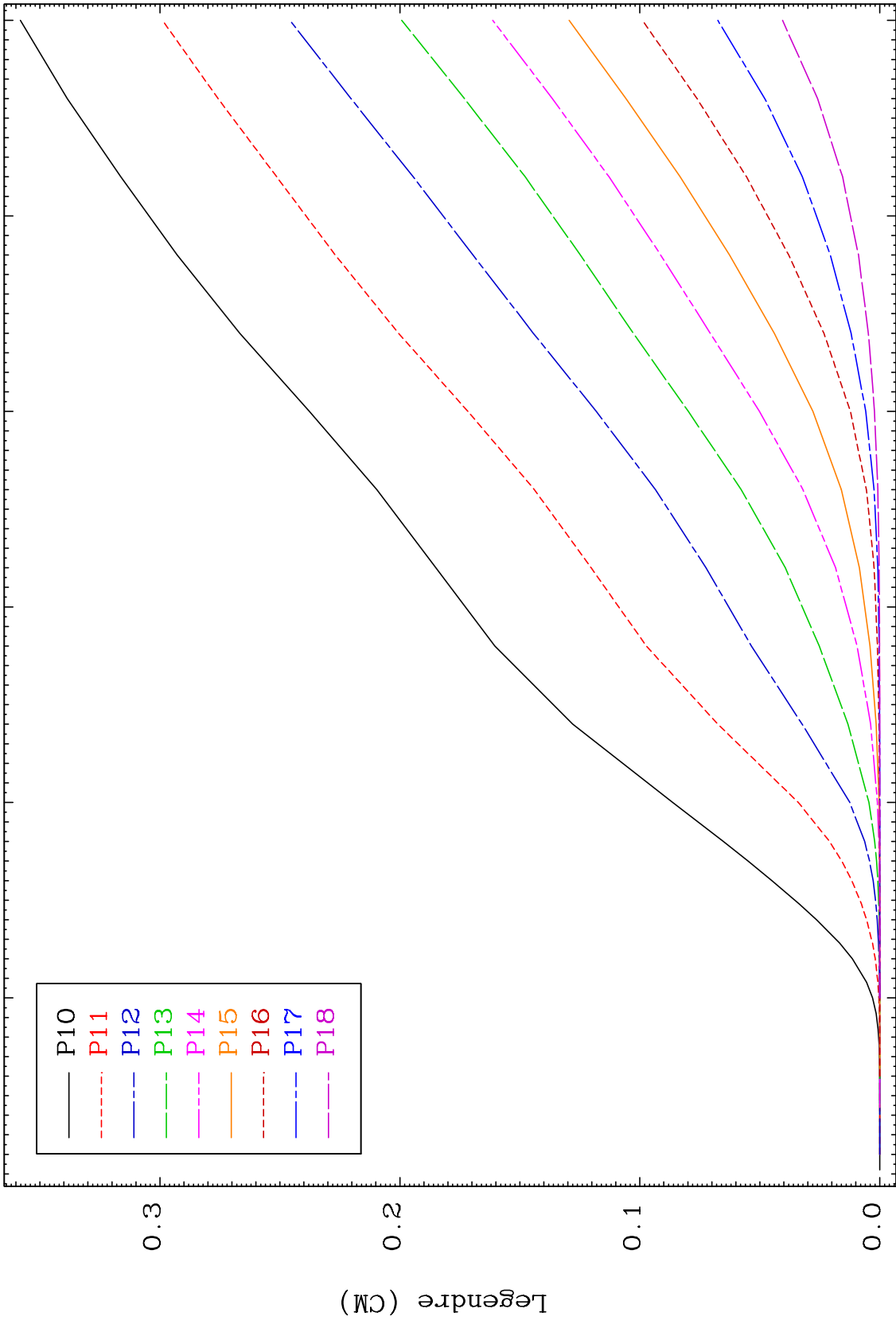
Incident Energy (MeV)

64-Gd-167

MAT 6470

Elastic Legendre Coefficients

64-Gd-167



Legendre (CM)

15

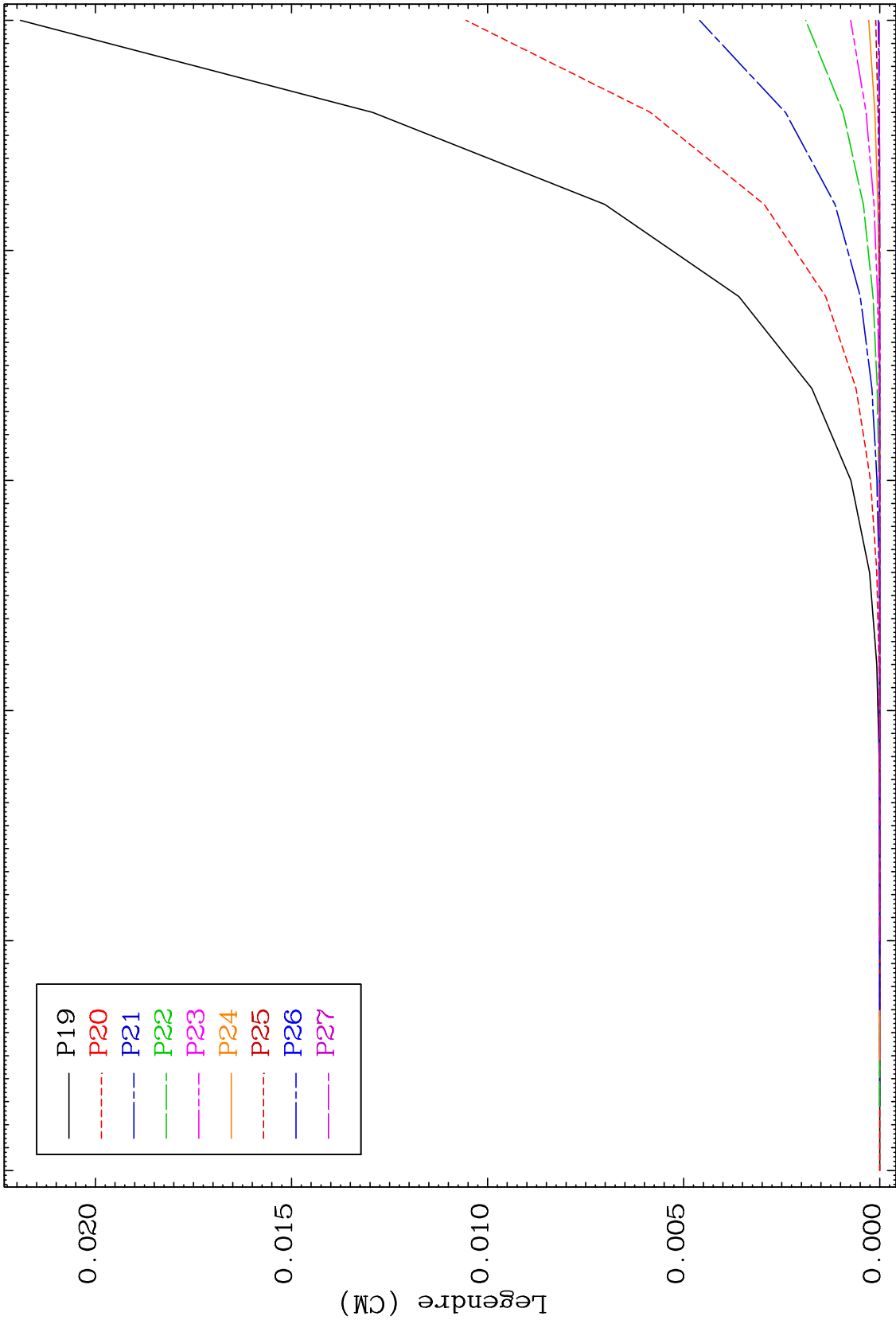
Incident Energy (MeV)

64-Gd-167

MAT 6470

Elastic Legendre Coefficients

64-Gd-167



64-Gd-167

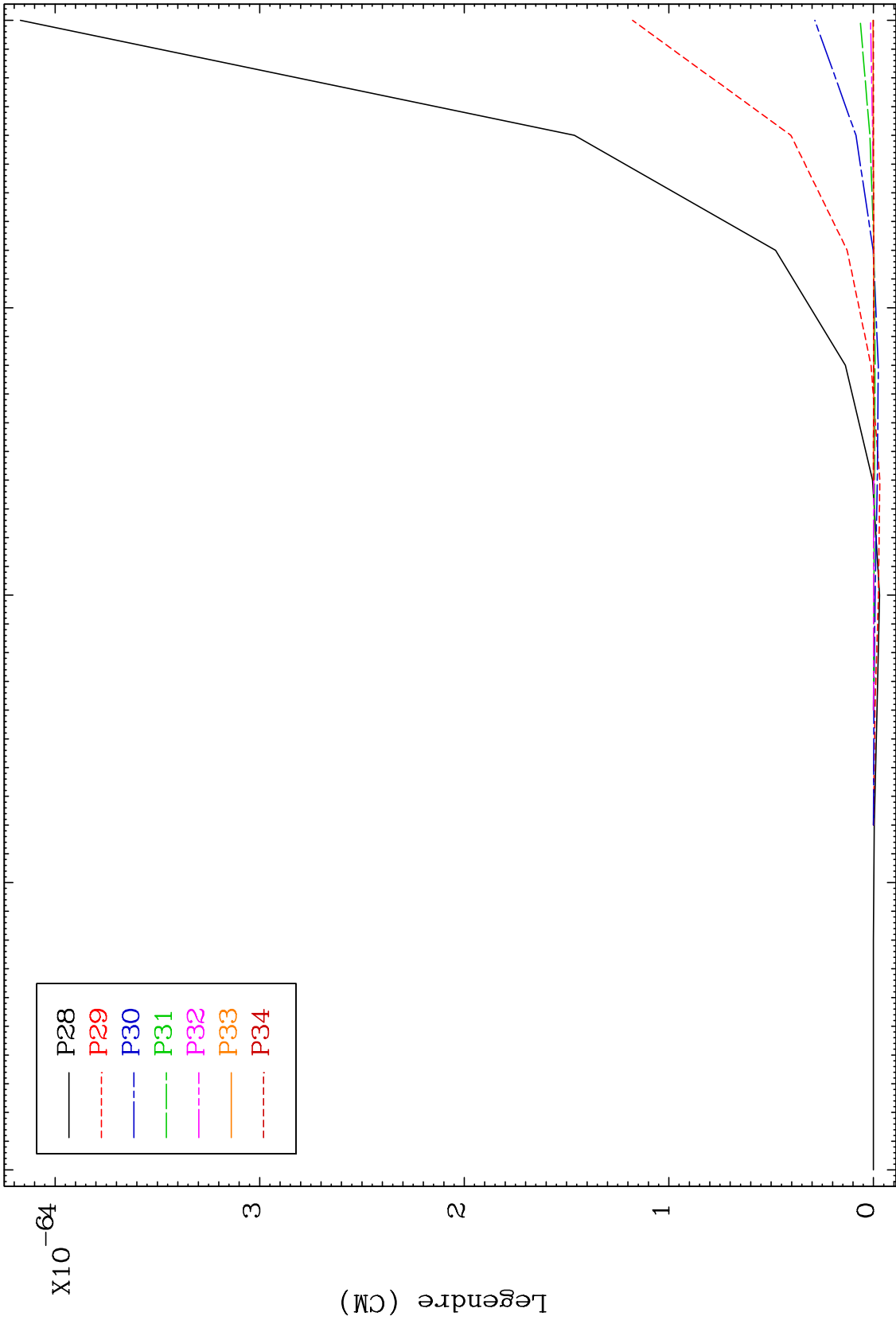
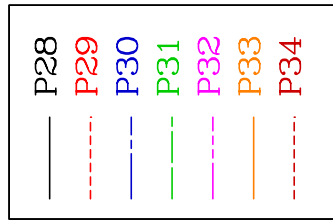
Incident Energy (MeV)

16

MAT 6470

Elastic Legendre Coefficients

64-Gd-167



10

15

20

25

30

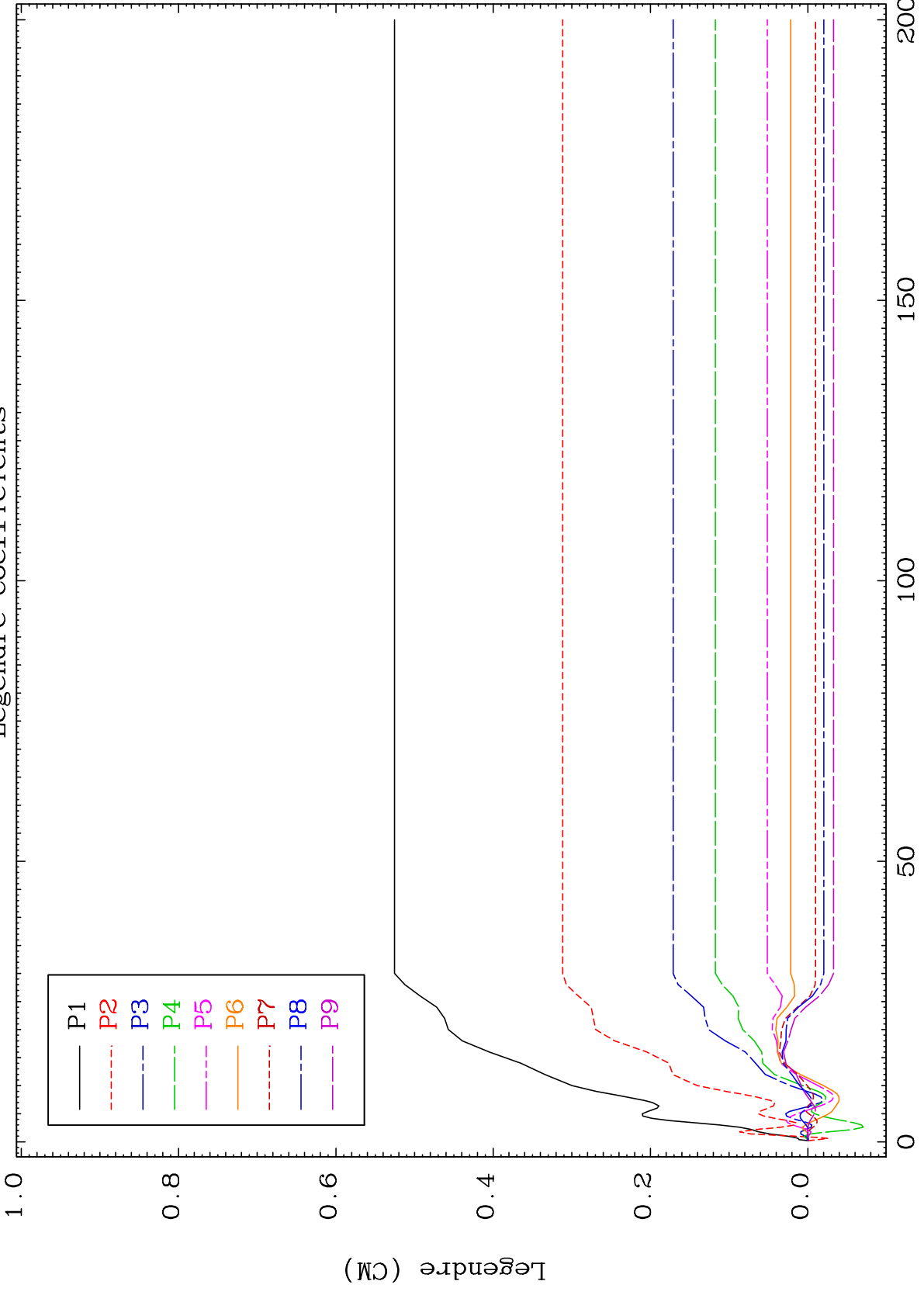
Incident Energy (MeV)

64-Gd-167

MAT 6470

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-167



64-Gd-167

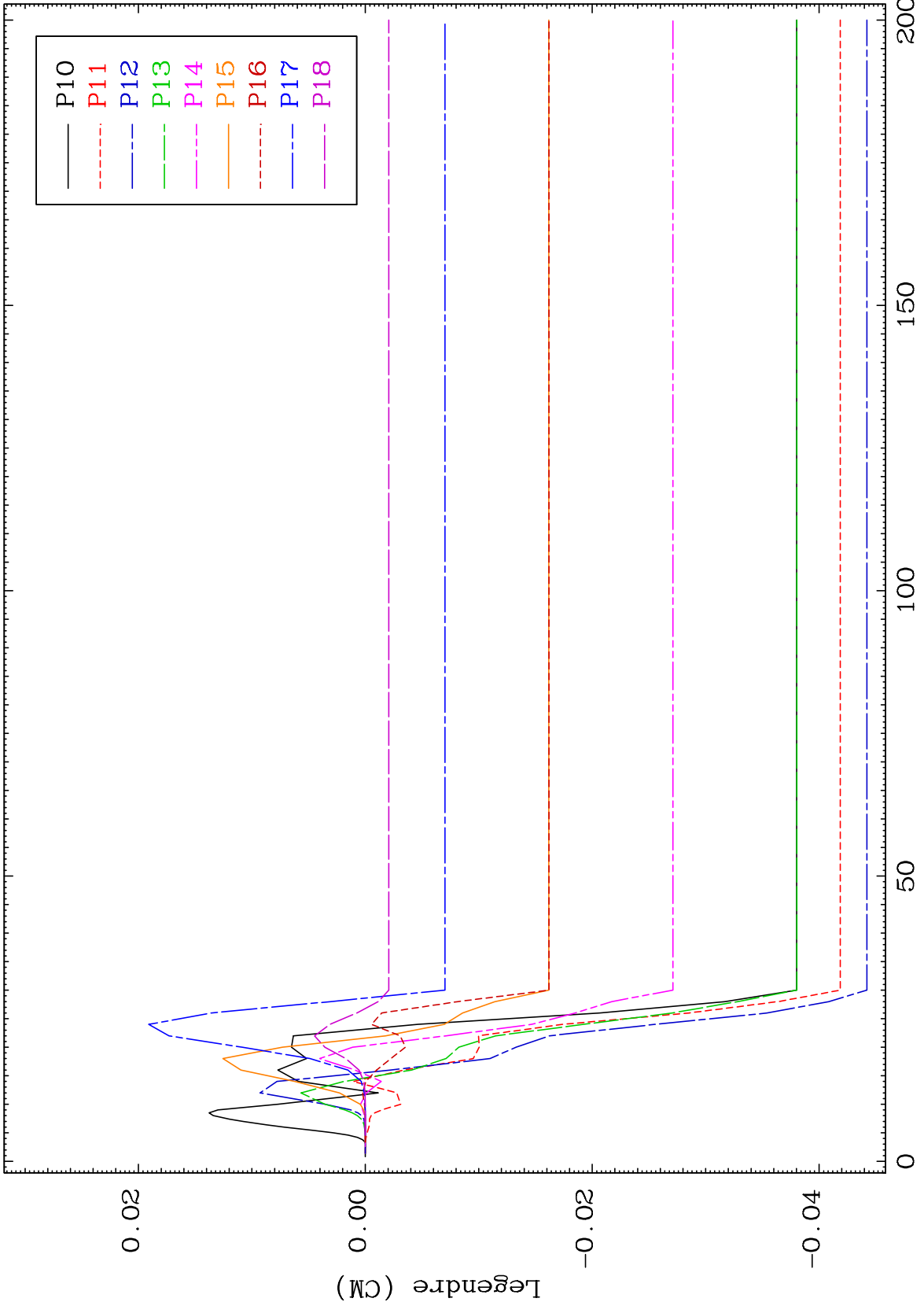
Incident Energy (MeV)

18

MAT 6470

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-167



19

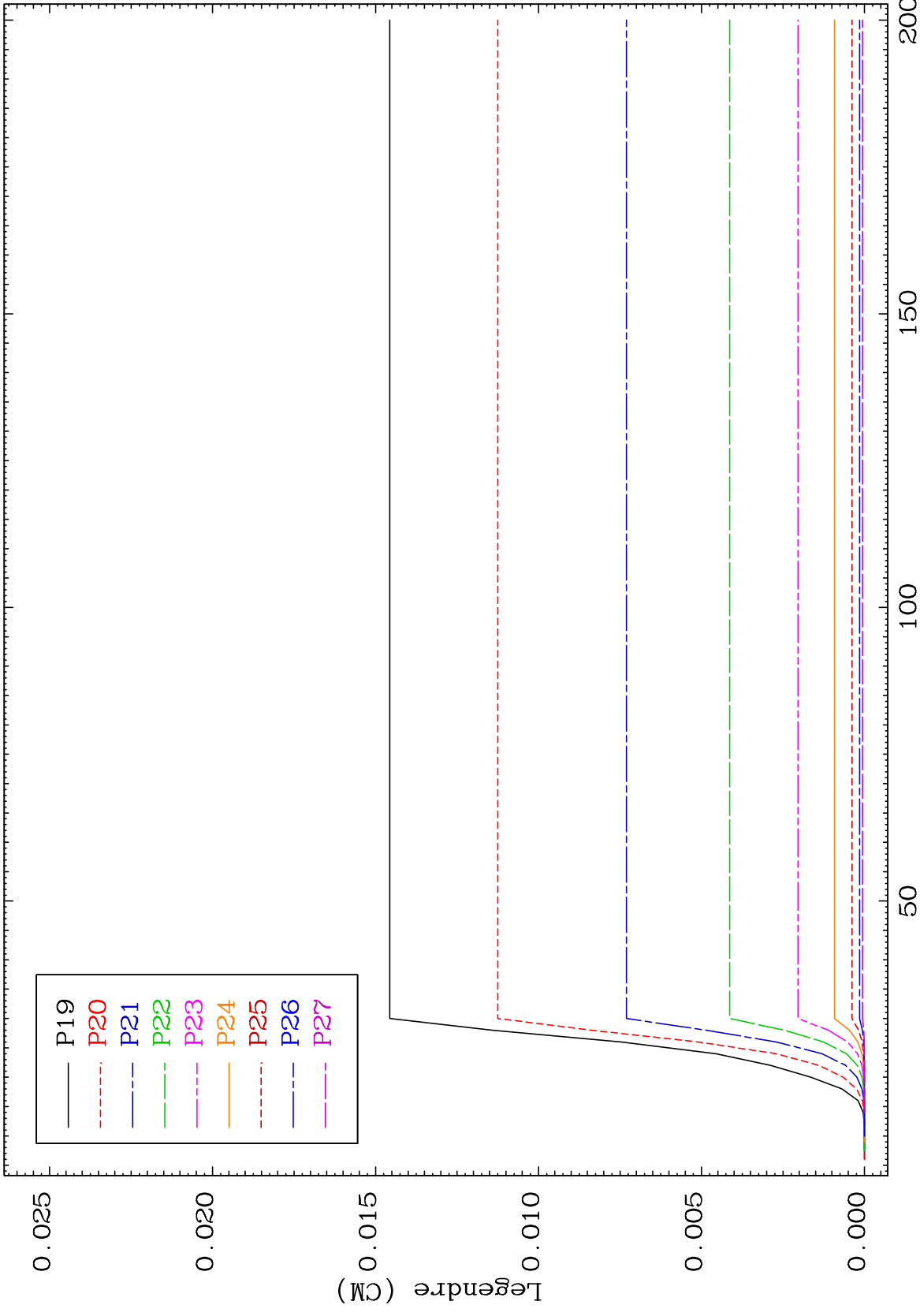
Incident Energy (MeV)

64-Gd-167

MAT 6470

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-167



20

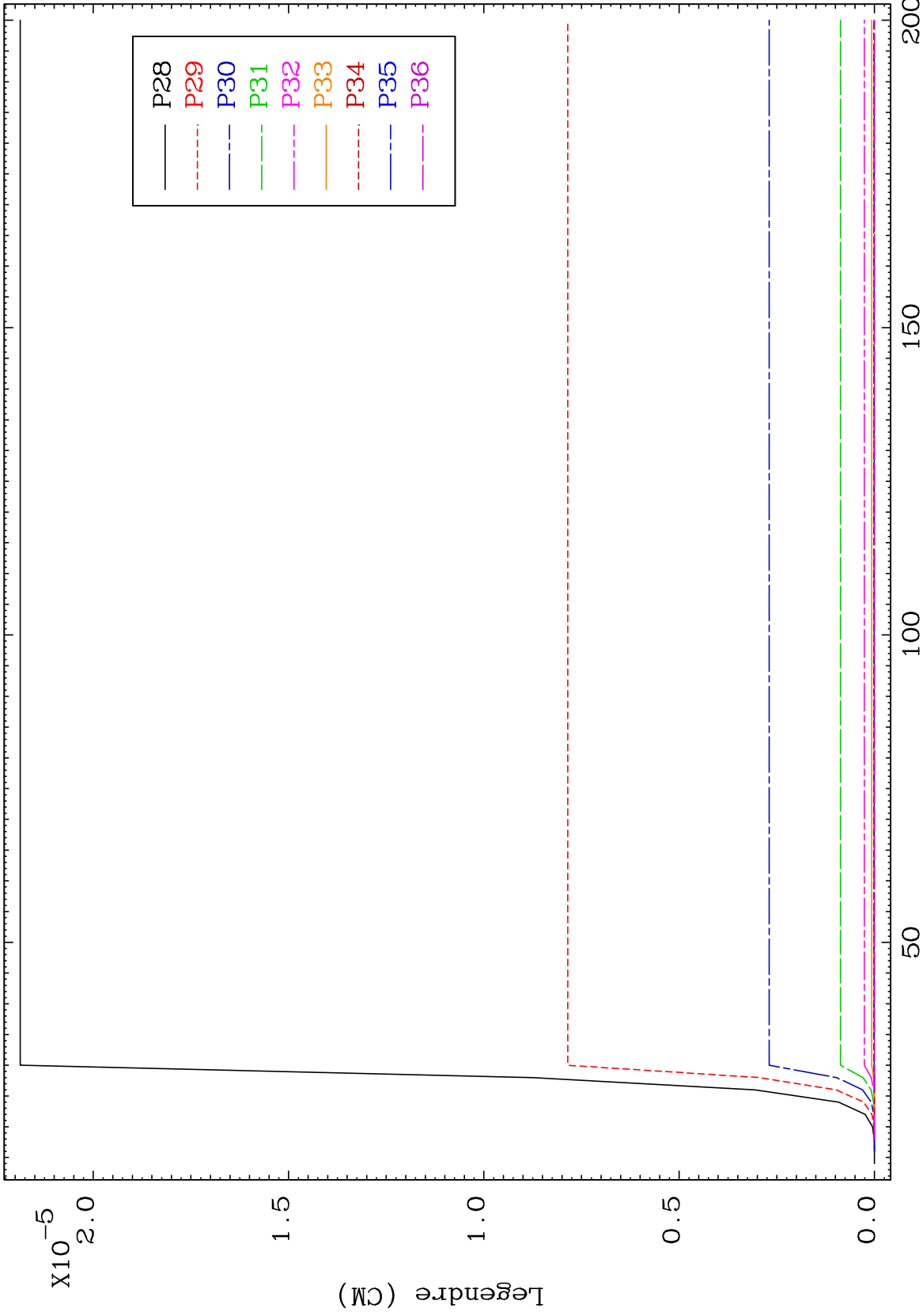
Incident Energy (MeV)

64-Gd-167

MAT 6470

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-167



21

64-Gd-167