

Program EVALPLOT
(Version 2018-1)

by

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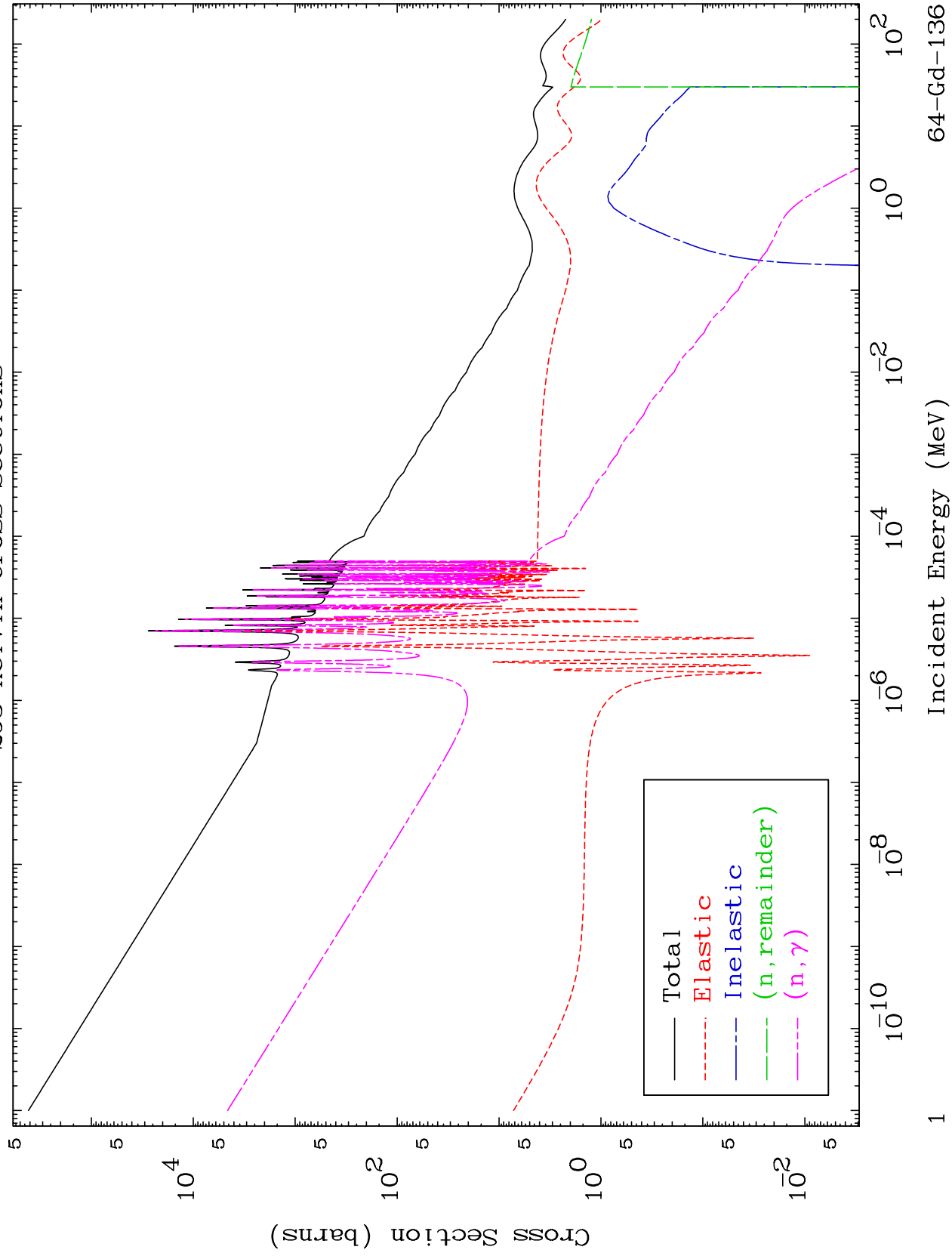
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6377

Major
293 Kelvin Cross Sections

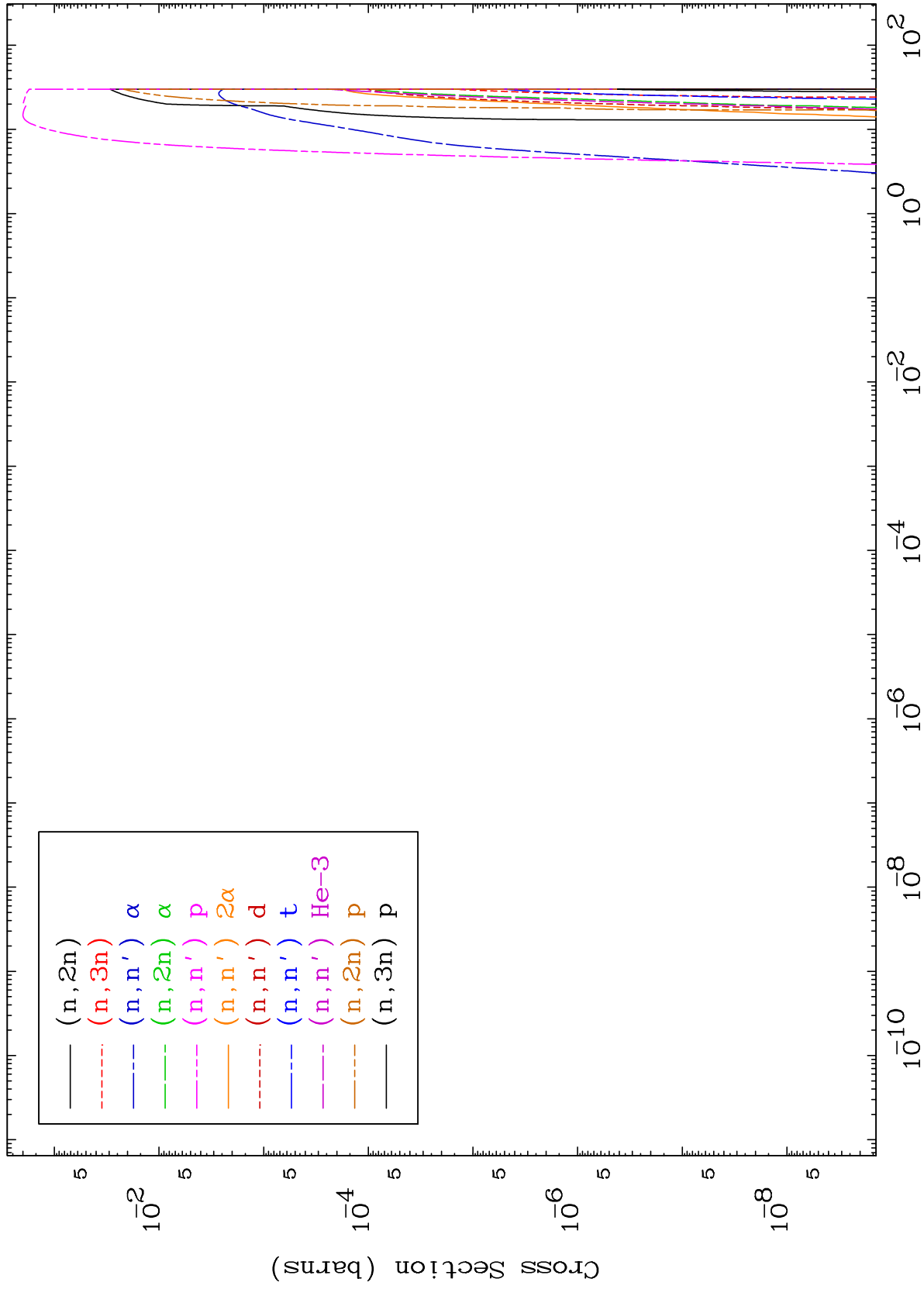
64-Gd-136



MAT 6377

Neutron Production
293 Kelvin Cross Sections

64-Gd-136

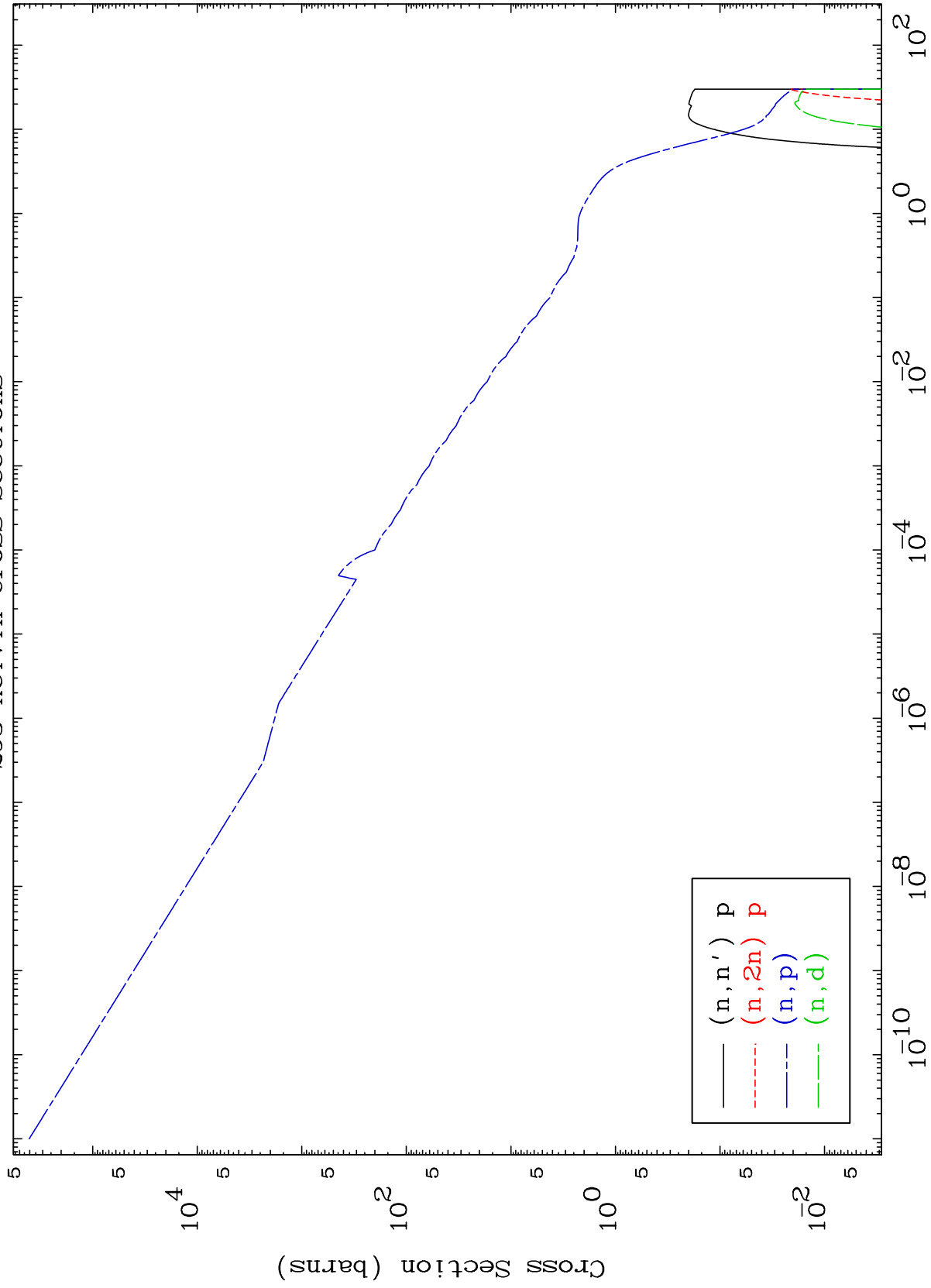


64-Gd-136

MAT 6377

Charged Particle
293 Kelvin Cross Sections

64-Gd-136



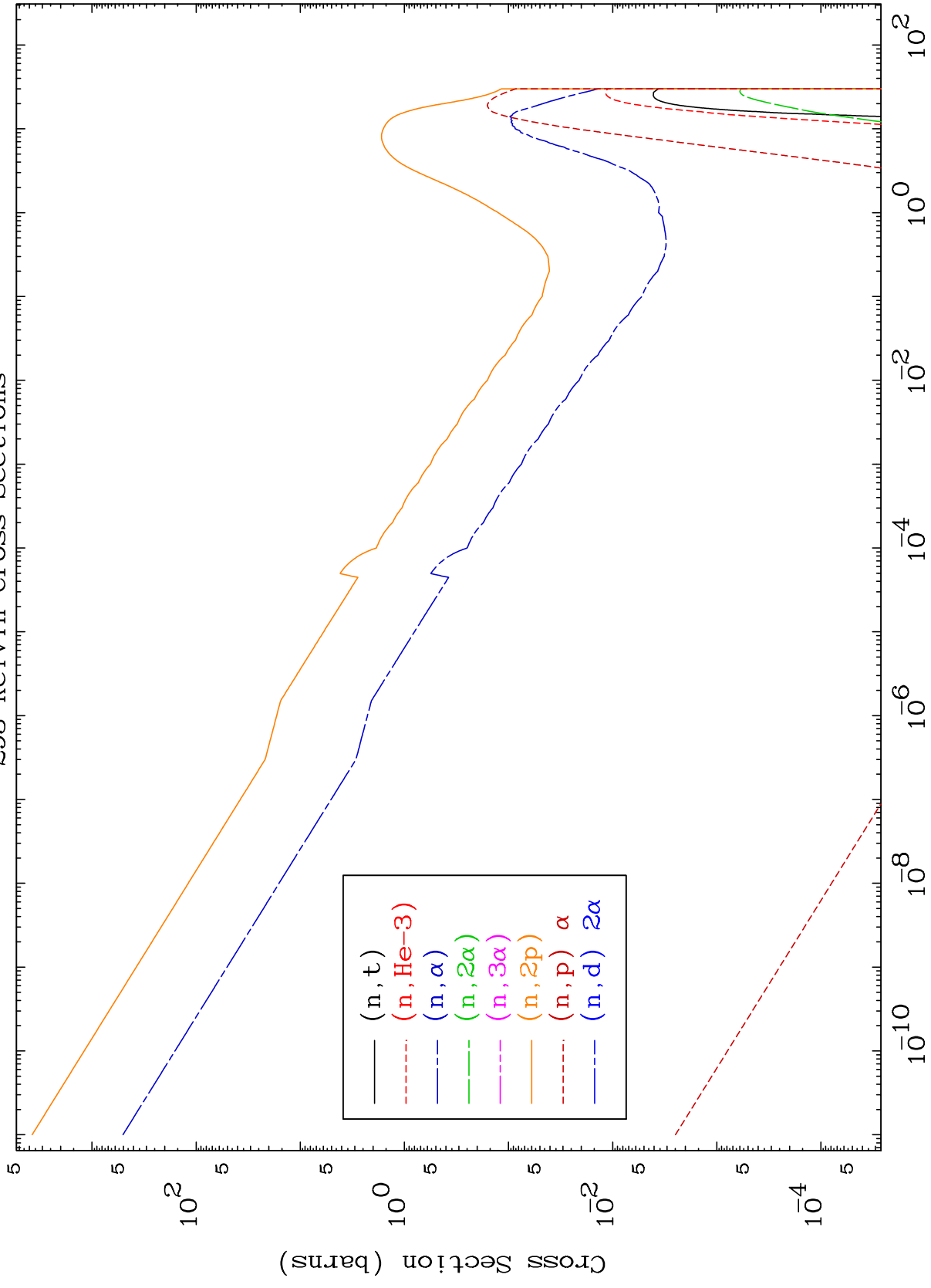
3

64-Gd-136

MAT 6377

293 Charged Particle
Kelvin Cross Sections

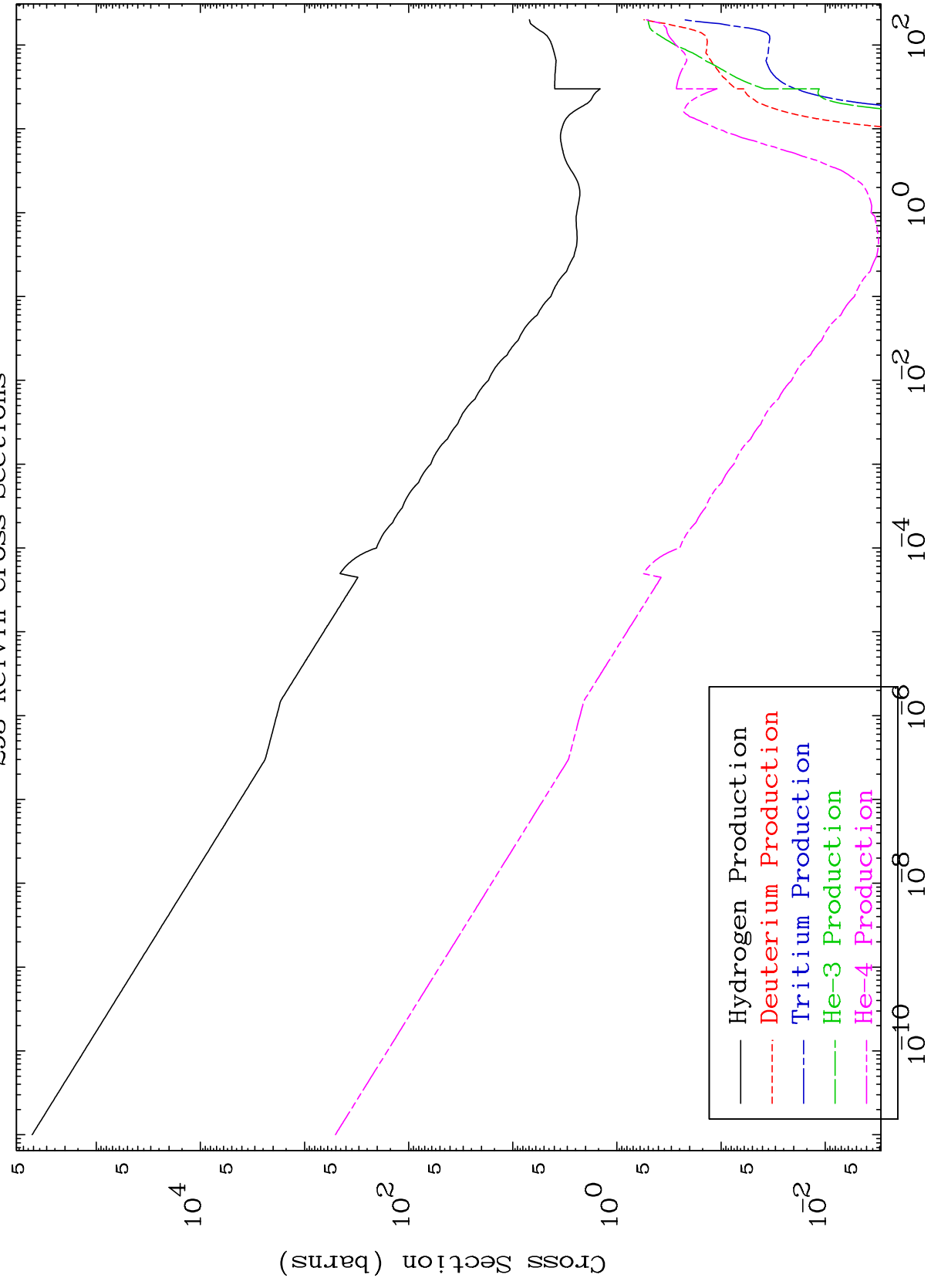
64-Gd-136



MAT 6377

Particle Production
293 Kelvin Cross Sections

64-Gd-136

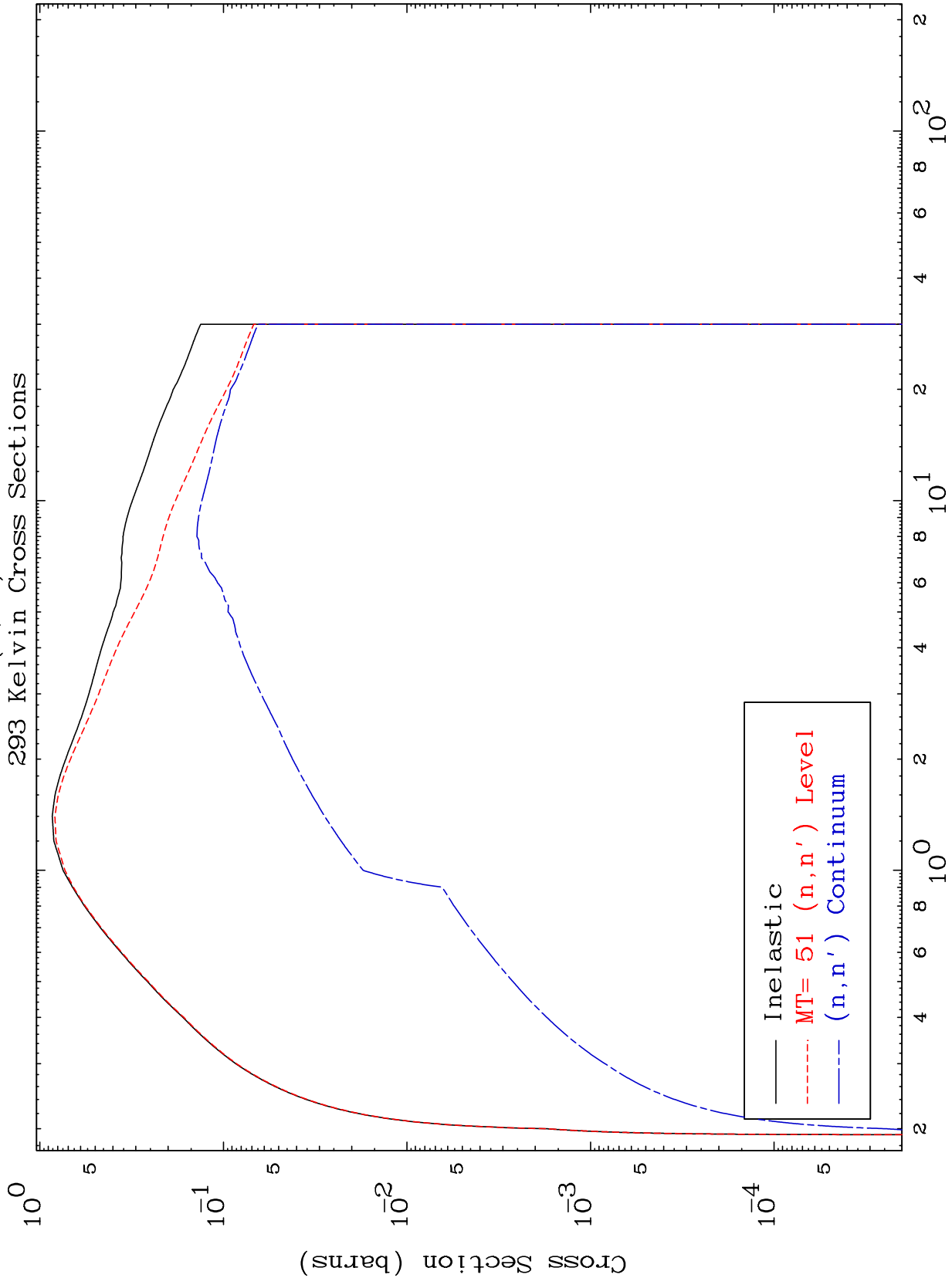


64-Gd-136

MAT 6377

(n,n') Level
293 Kelvin Cross Sections

64-Gd-136



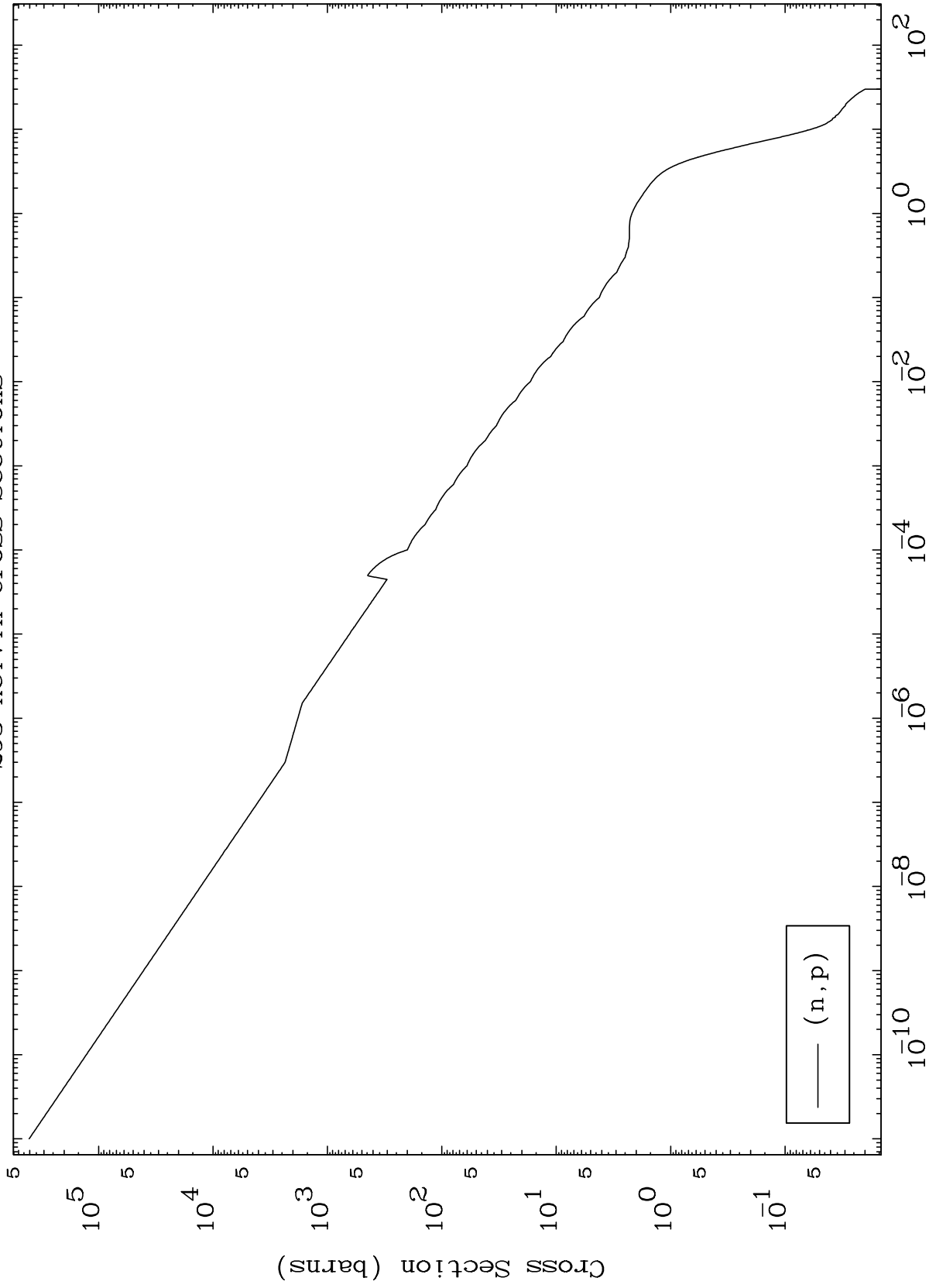
6

64-Gd-136

MAT 6377

(n,p) Levels
293 Kelvin Cross Sections

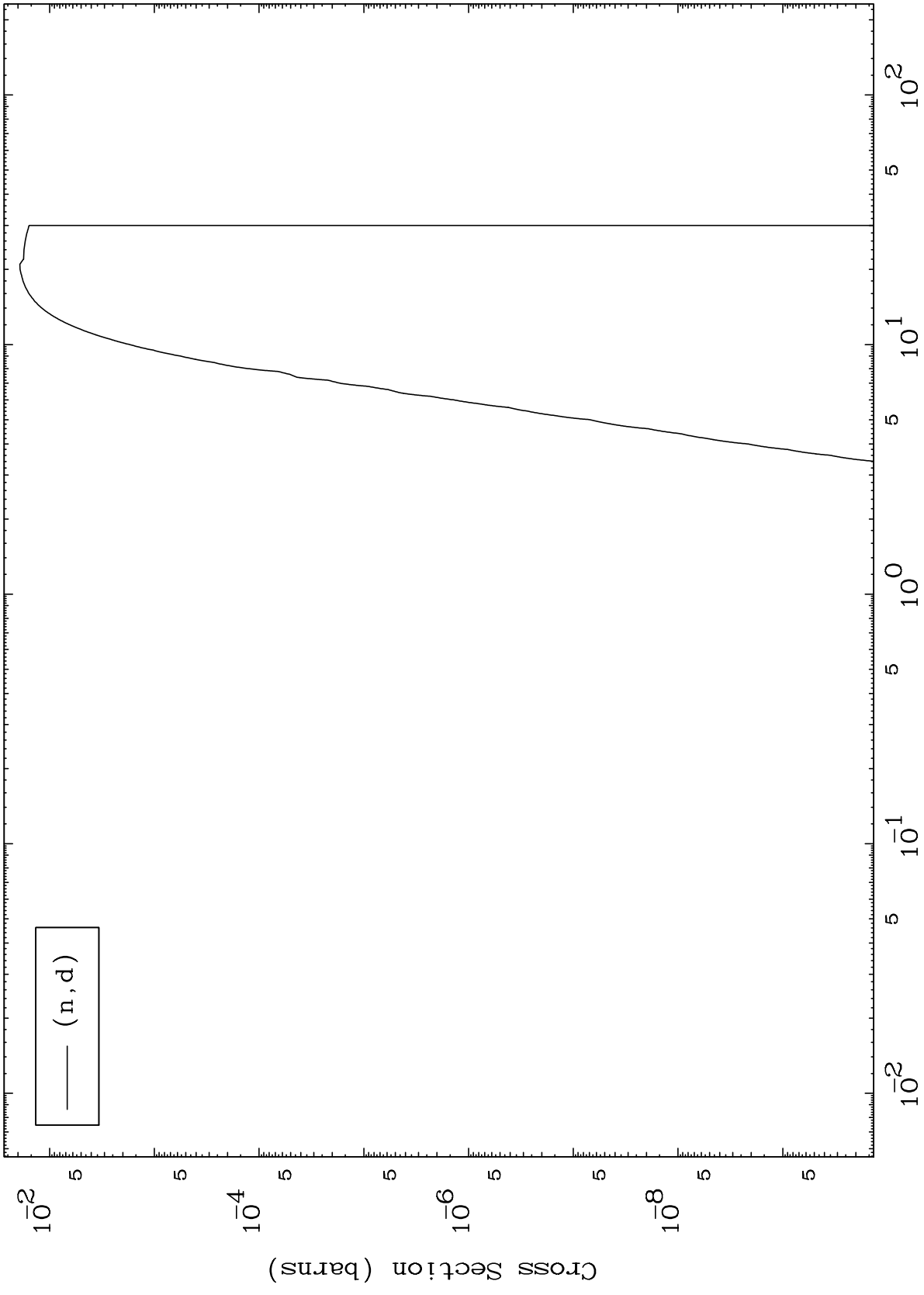
64-Gd-136



MAT 6377

(n,d) Levels
293 Kelvin Cross Sections

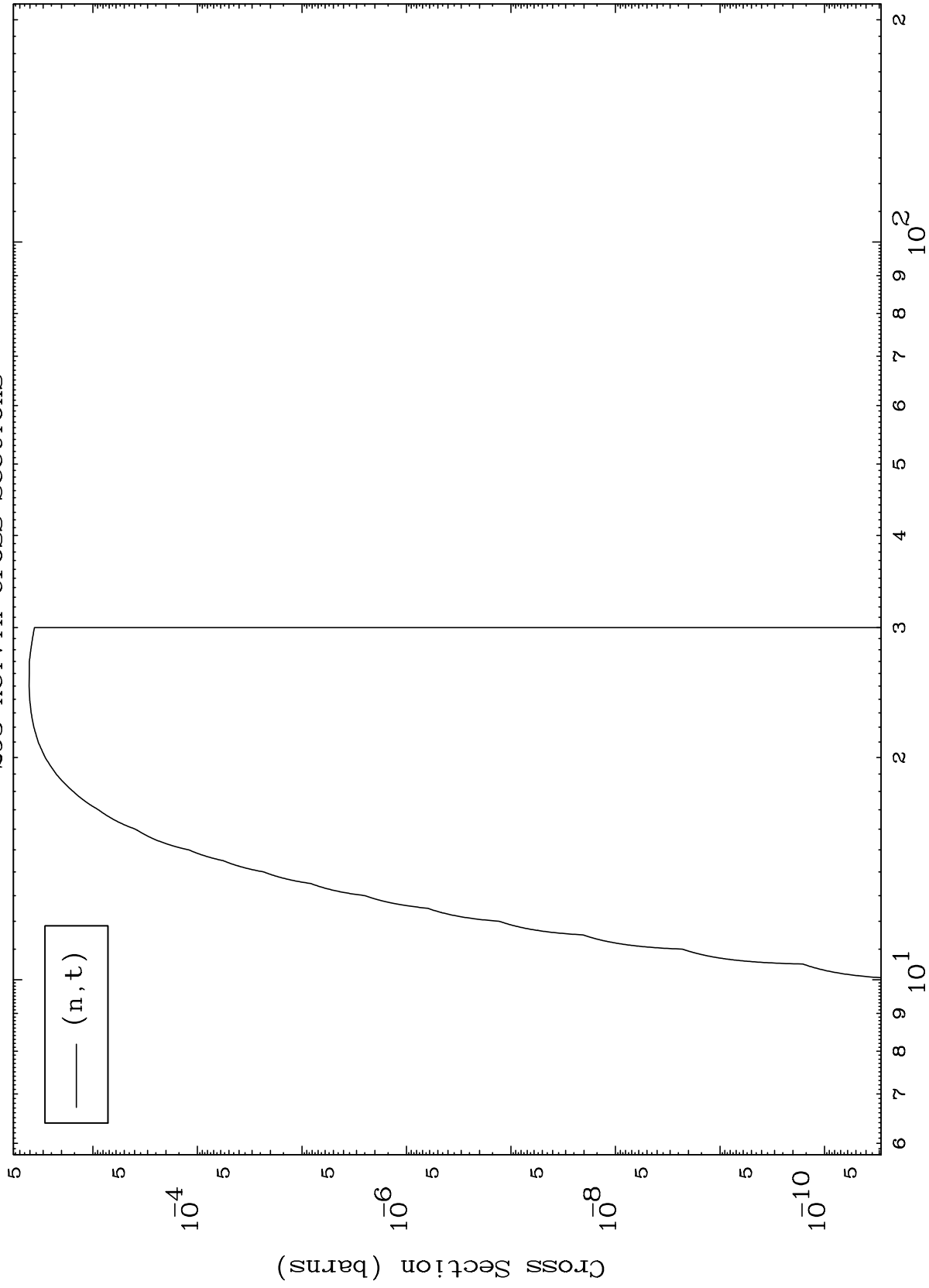
64-Gd-136



MAT 6377

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-136



9

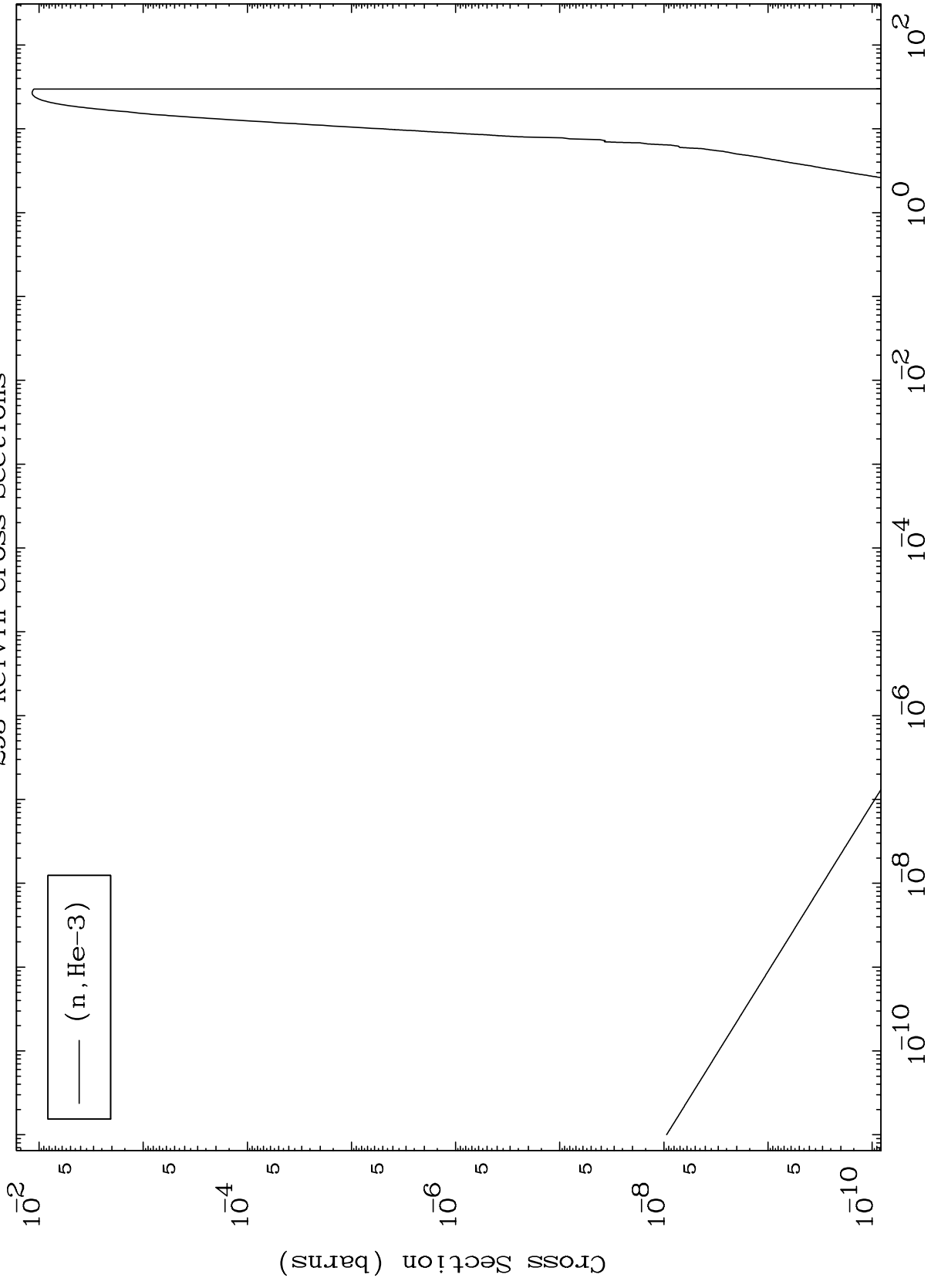
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-136



10

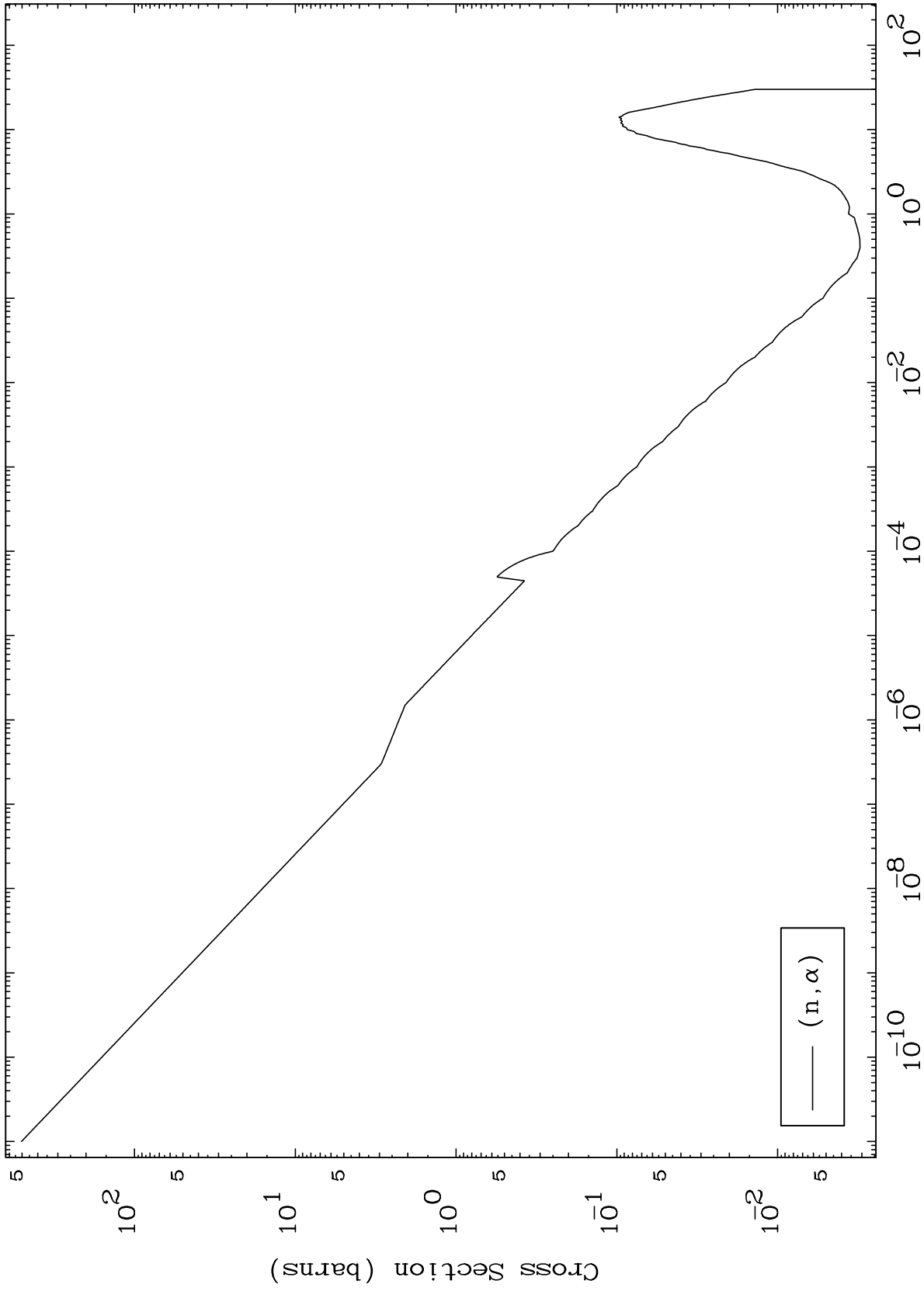
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,α) Levels
293 Kelvin Cross Sections

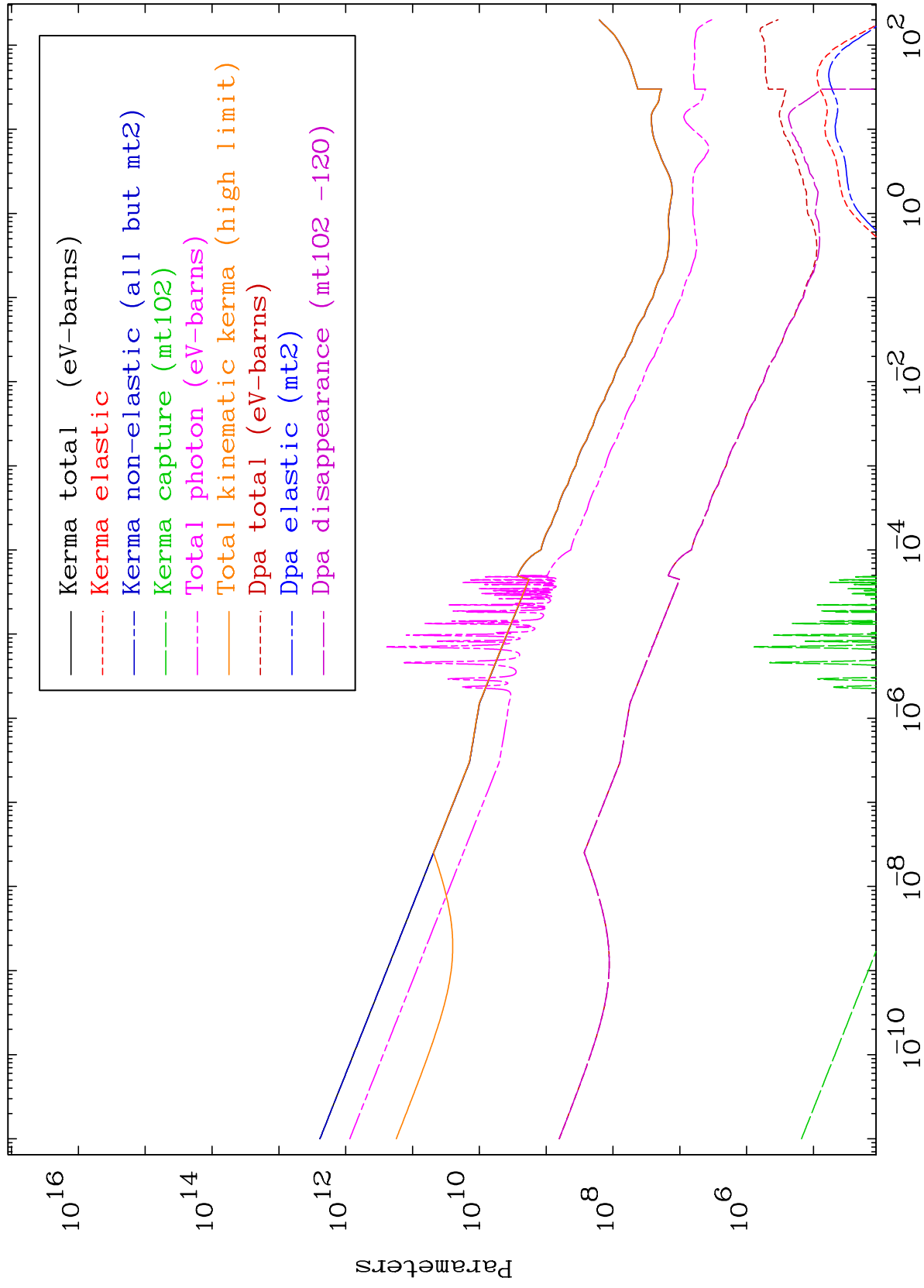
64-Gd-136



11

Incident Energy (MeV)

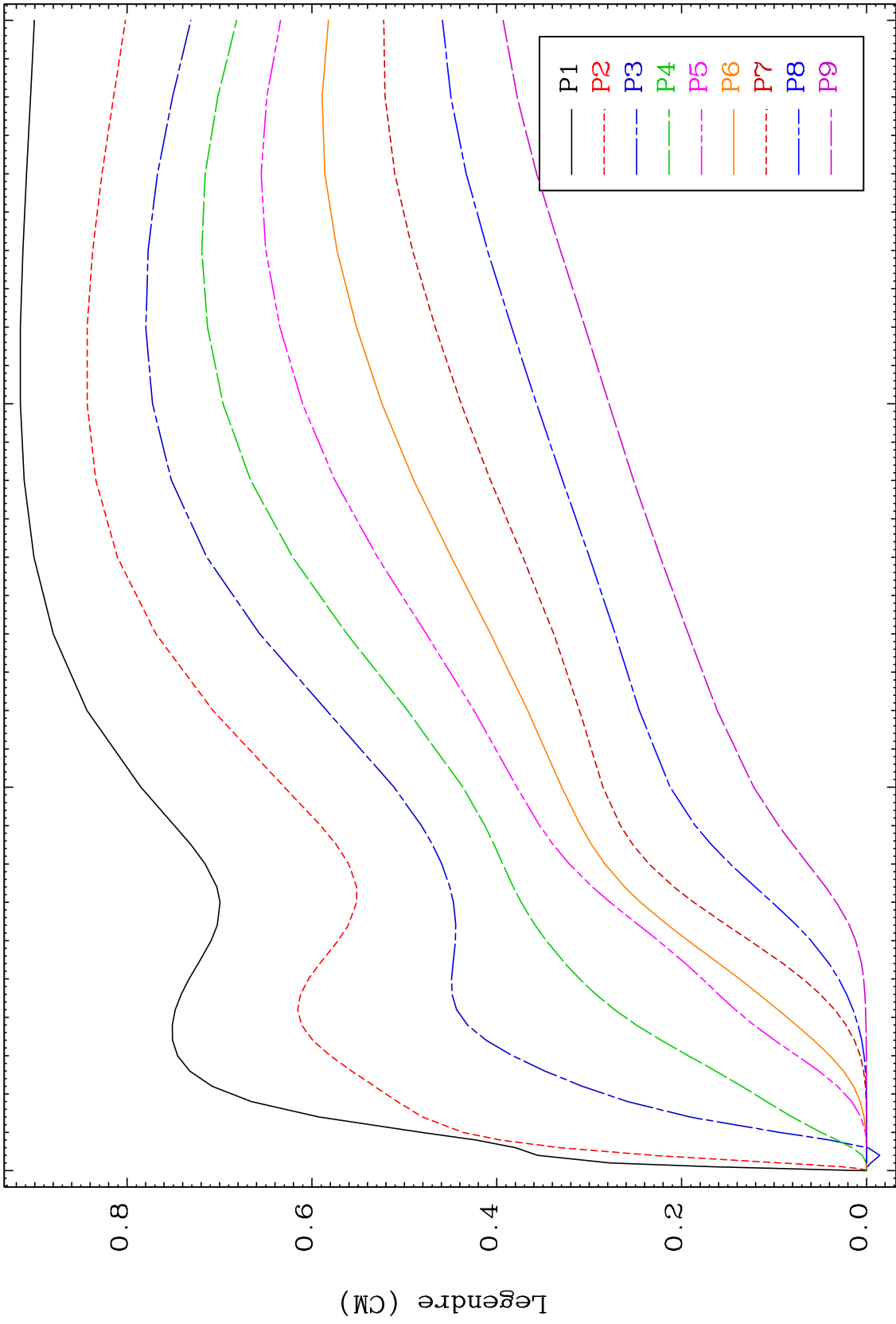
64-Gd-136



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Elastic Legendre Coefficients

64-Gd-136



13

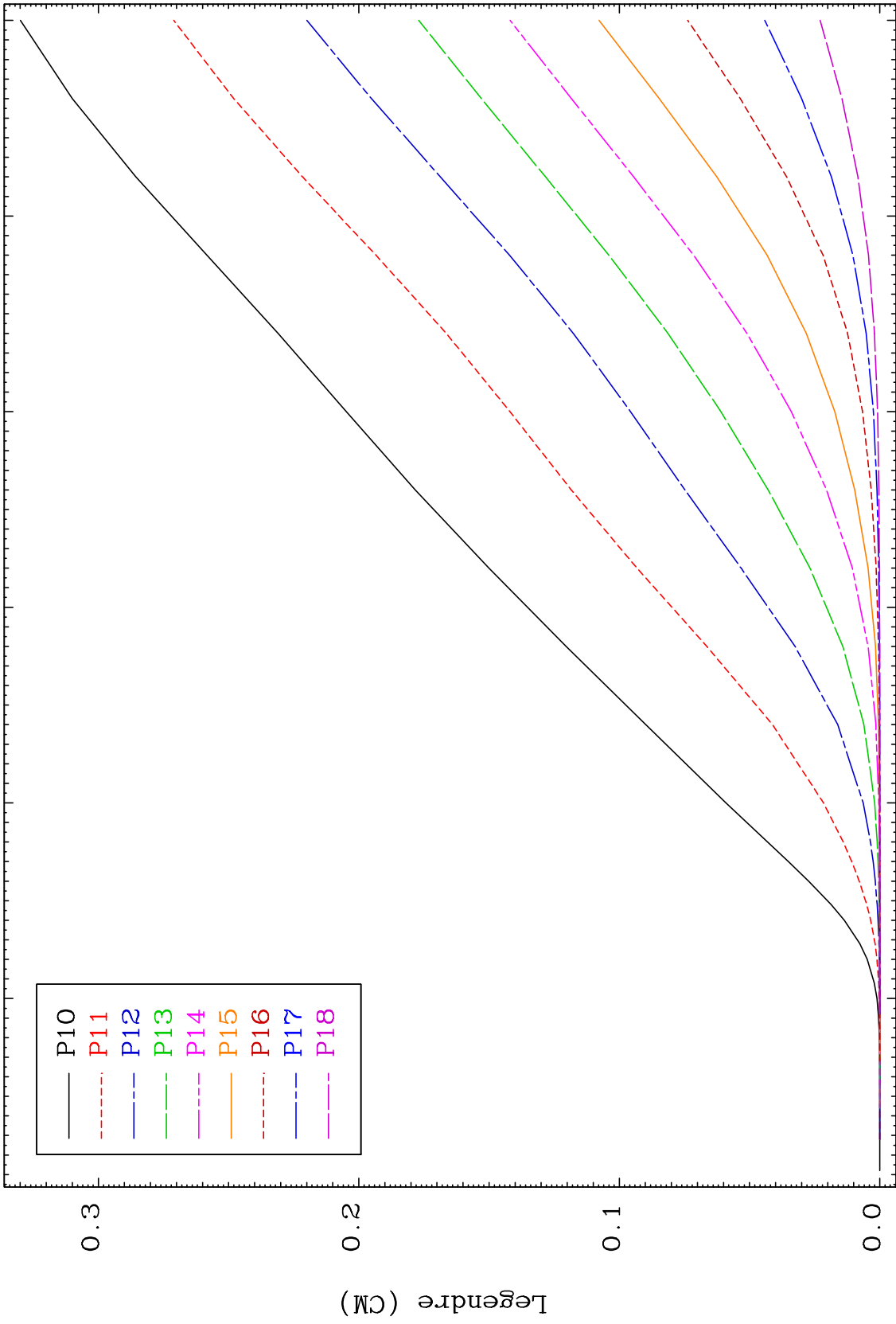
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



14

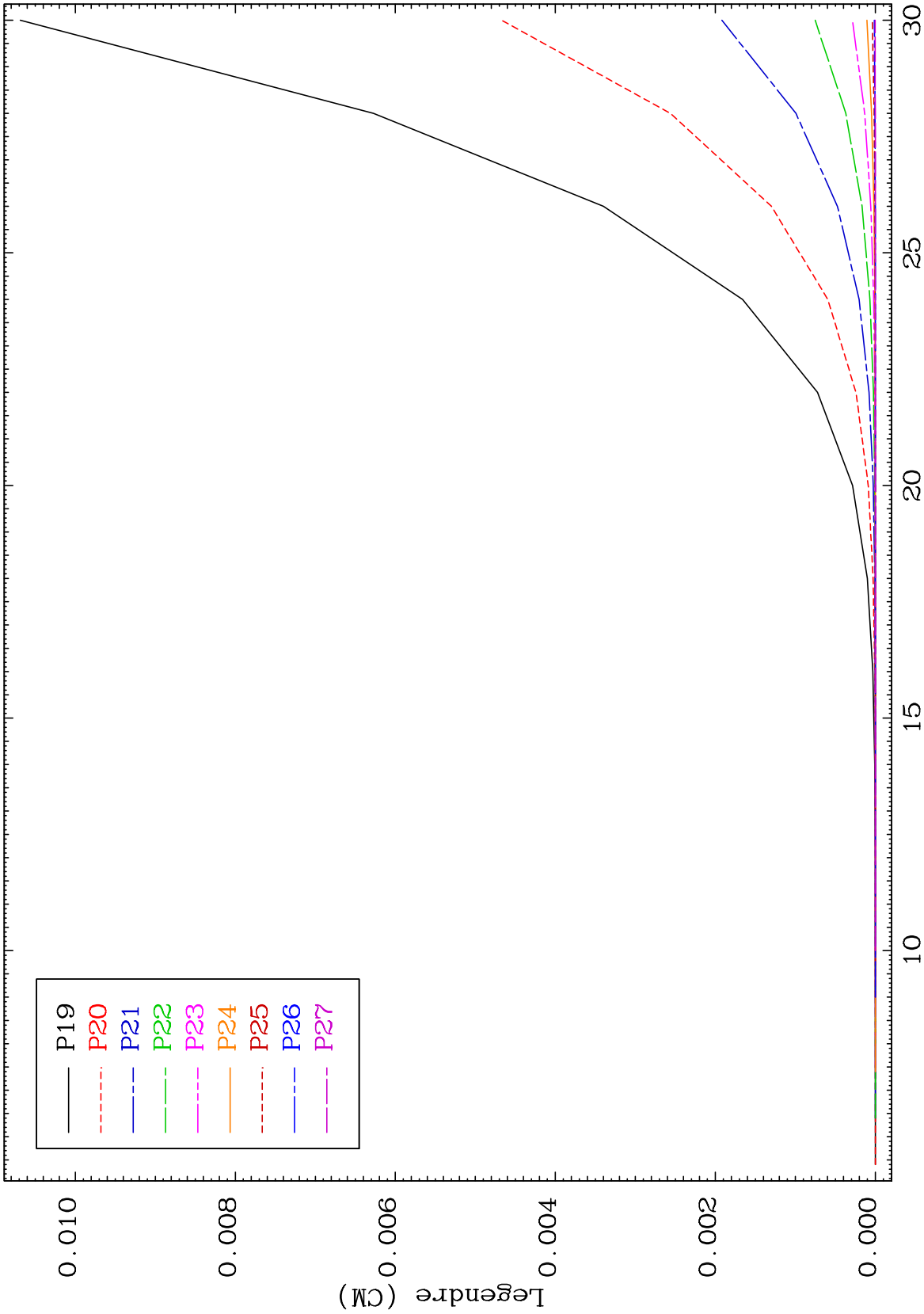
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



15

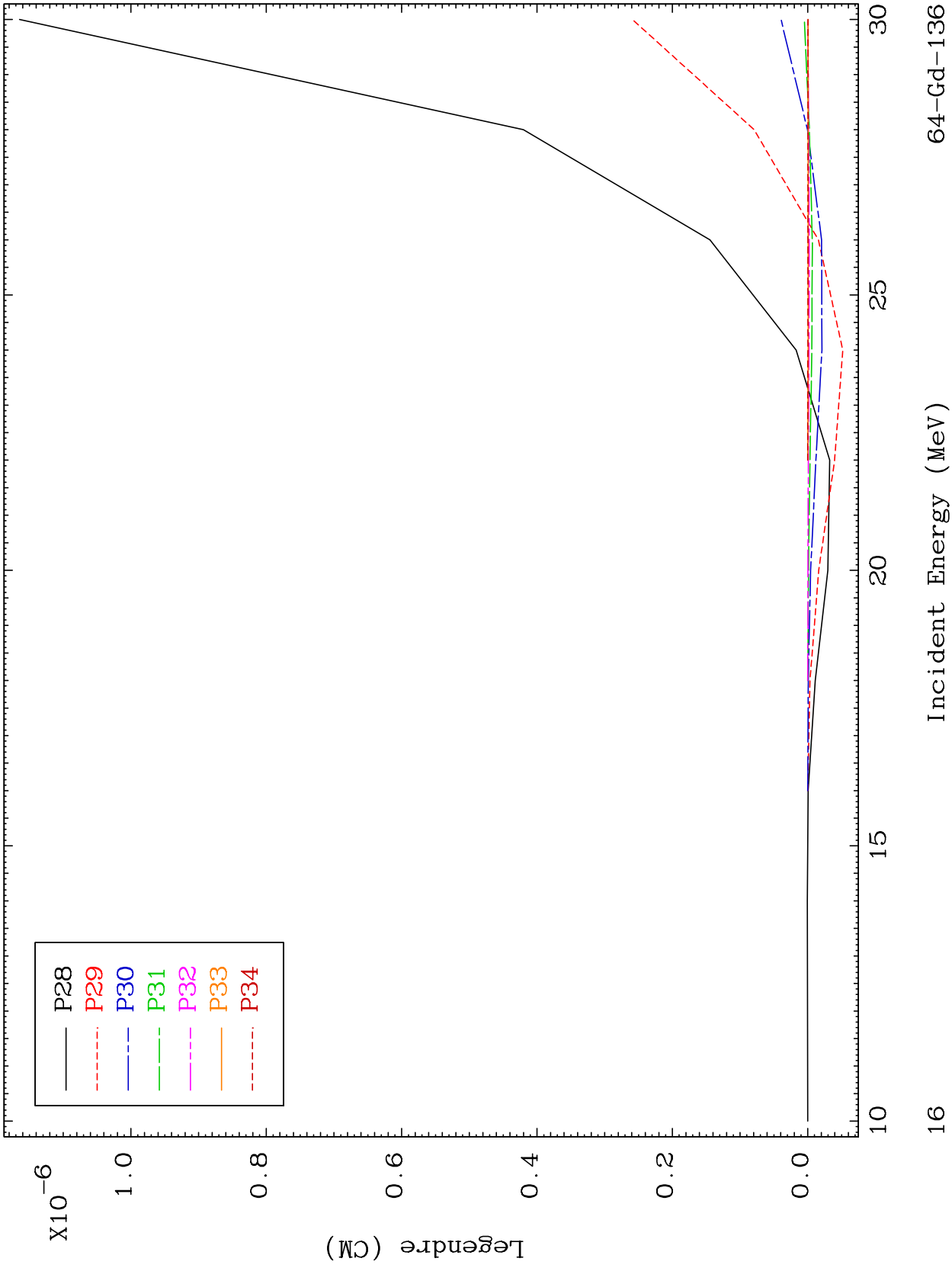
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

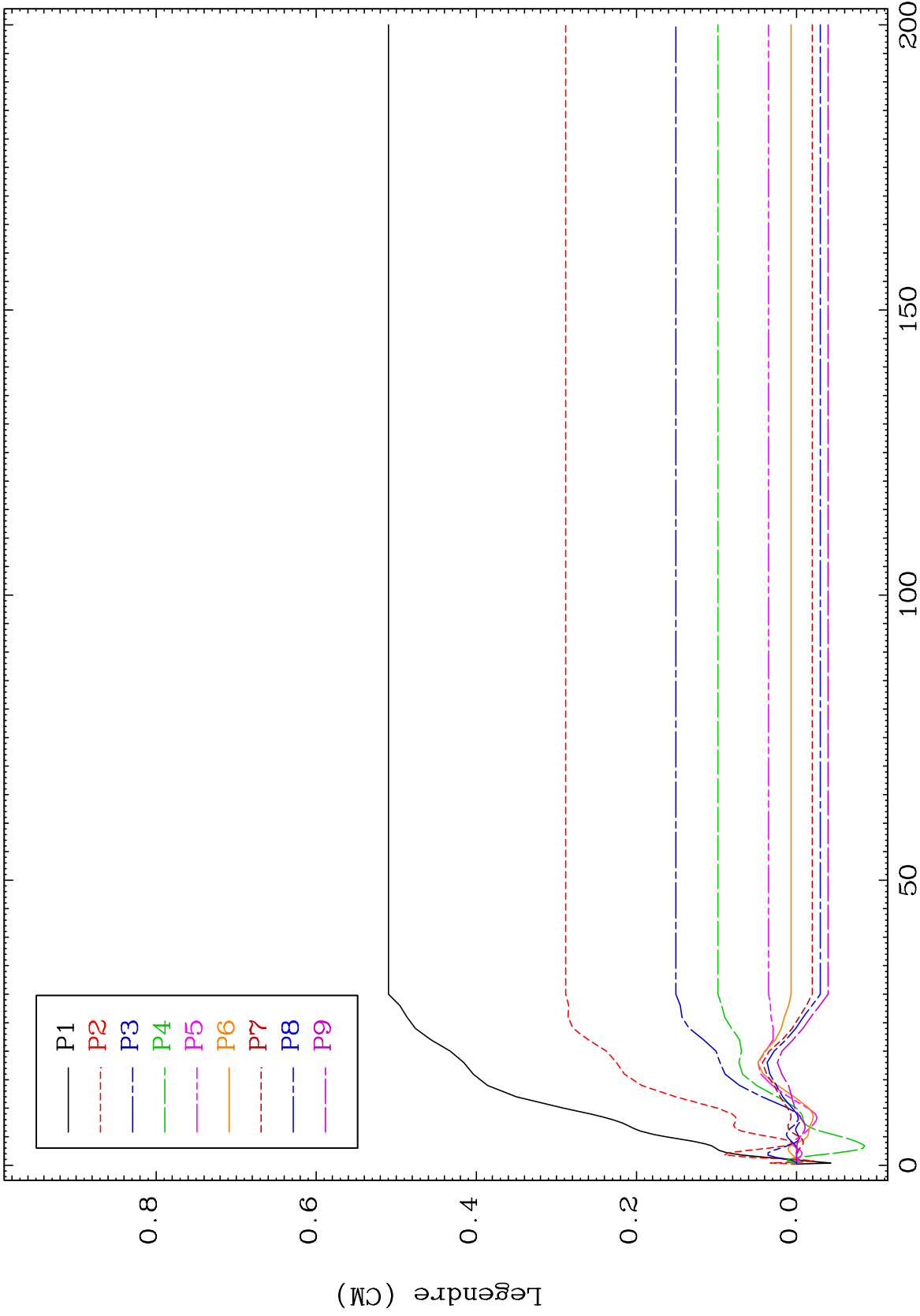
64-Gd-136



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

64-Gd-136



17

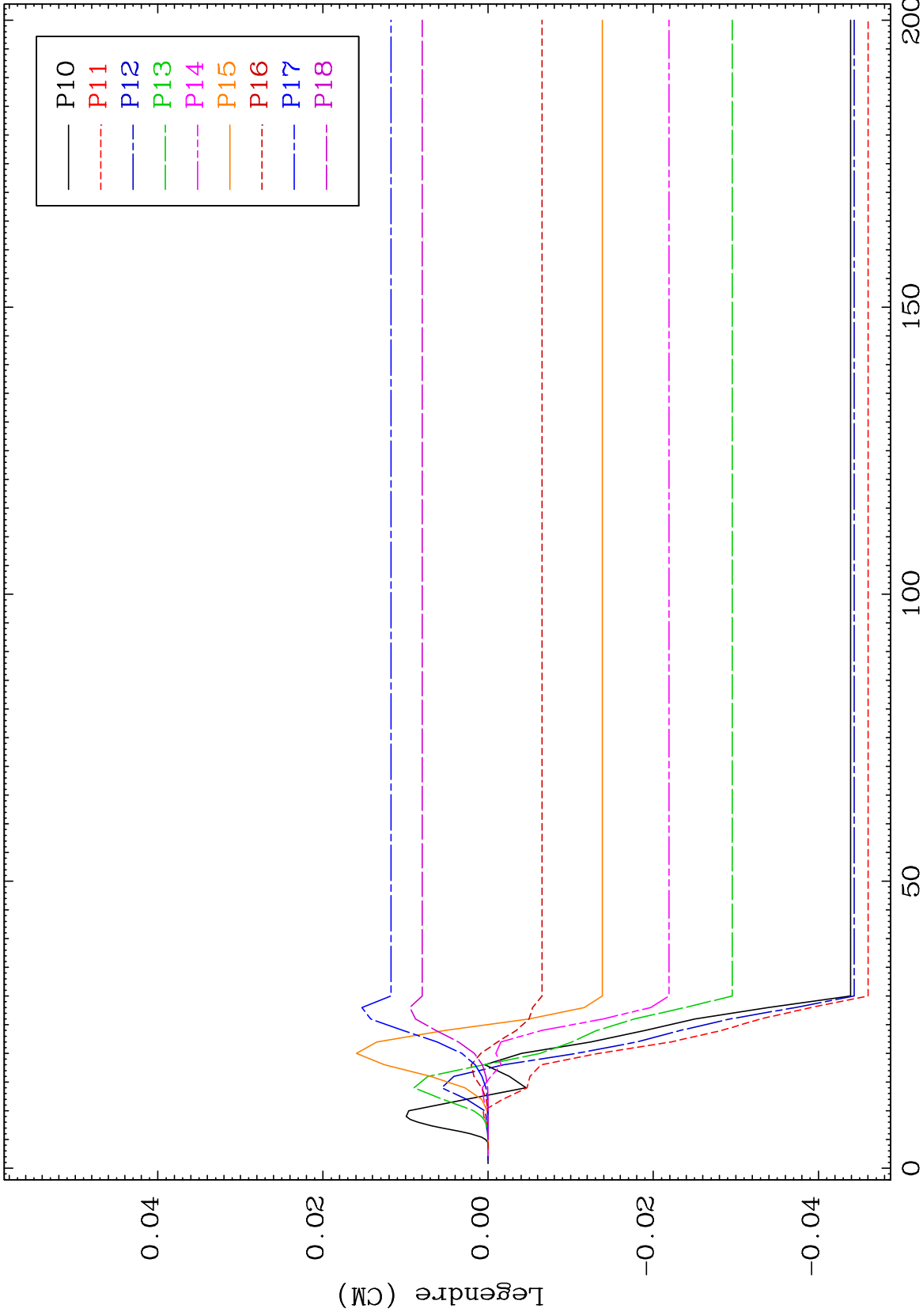
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



18

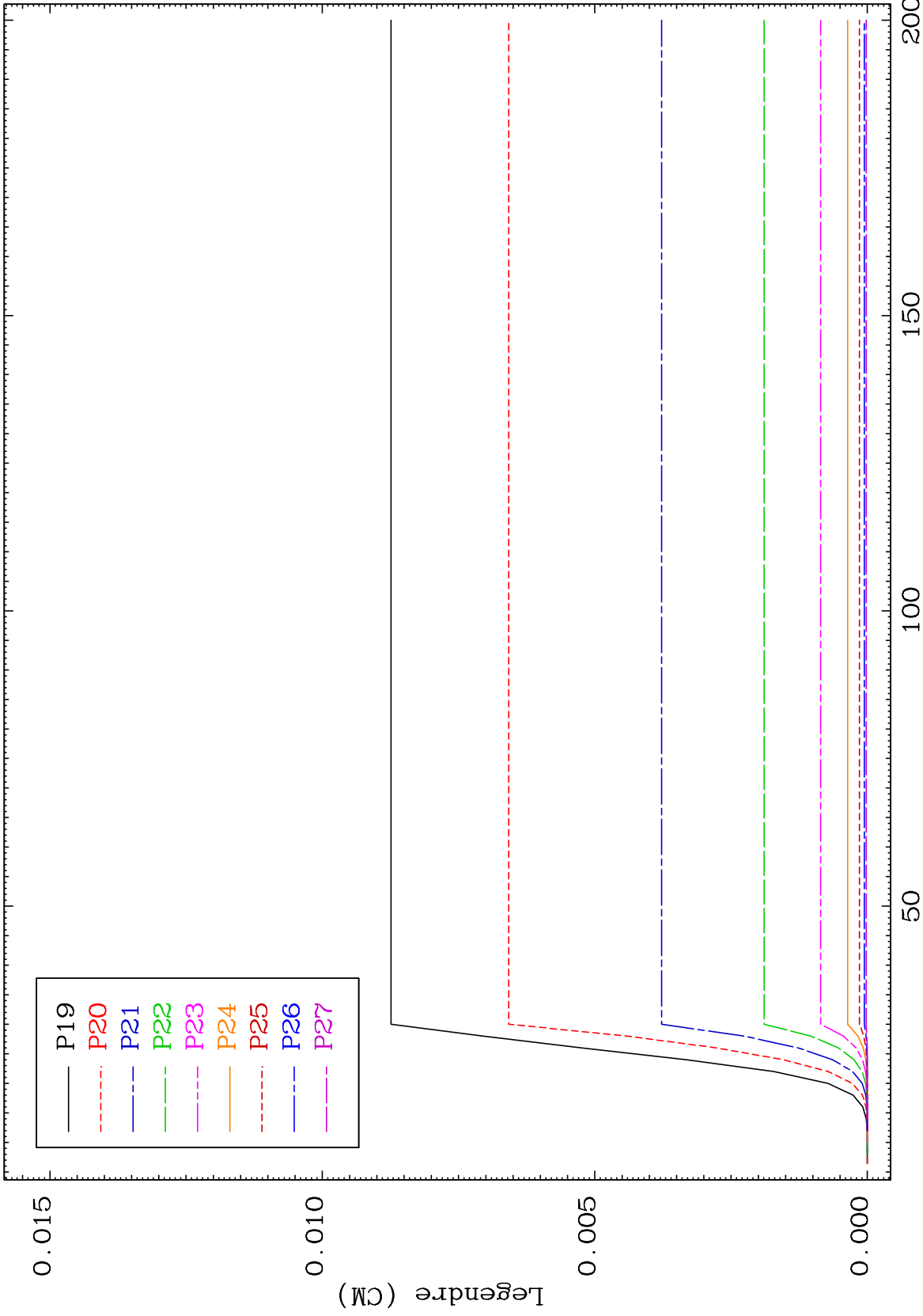
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



19

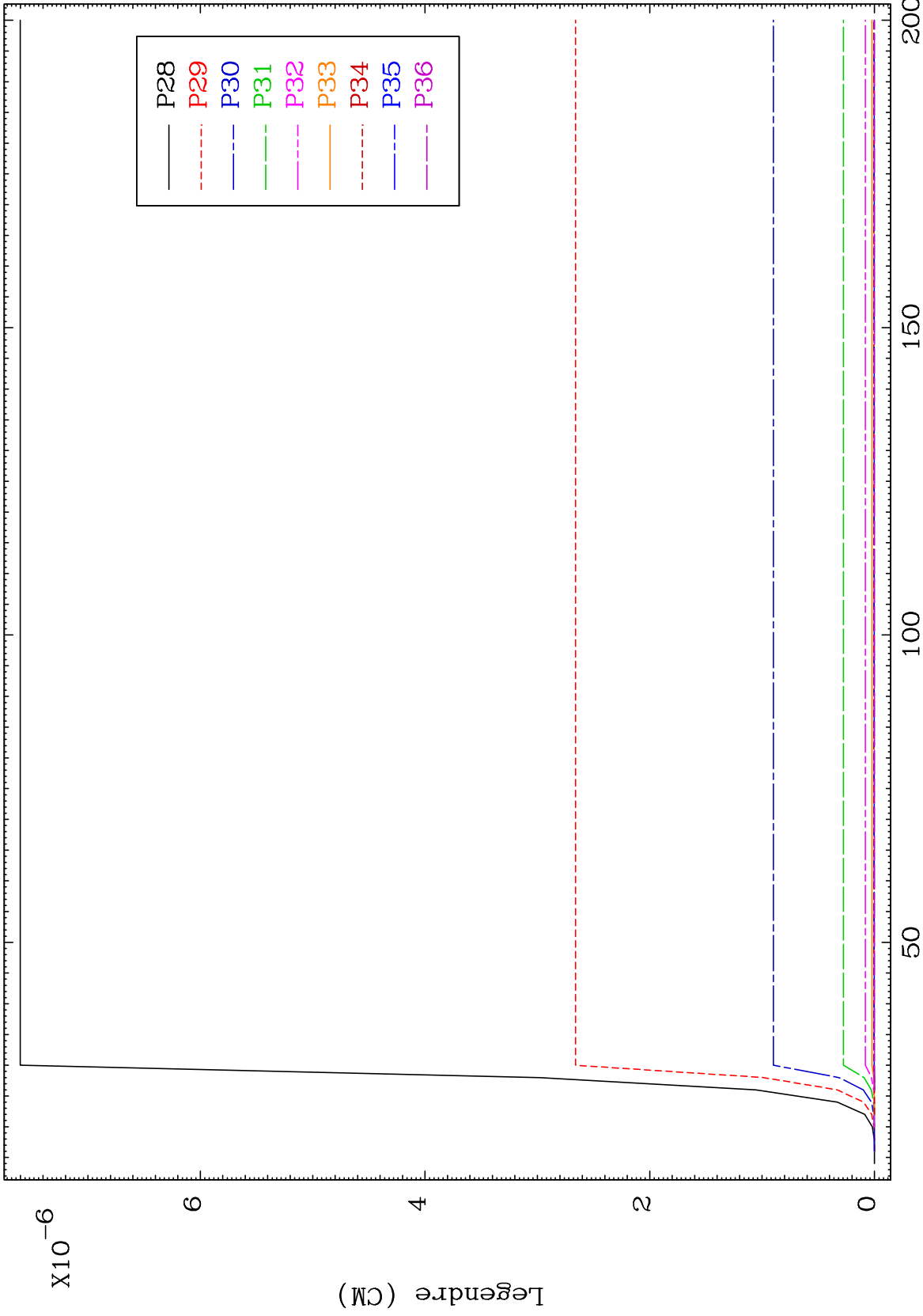
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



20

50

100

150

200

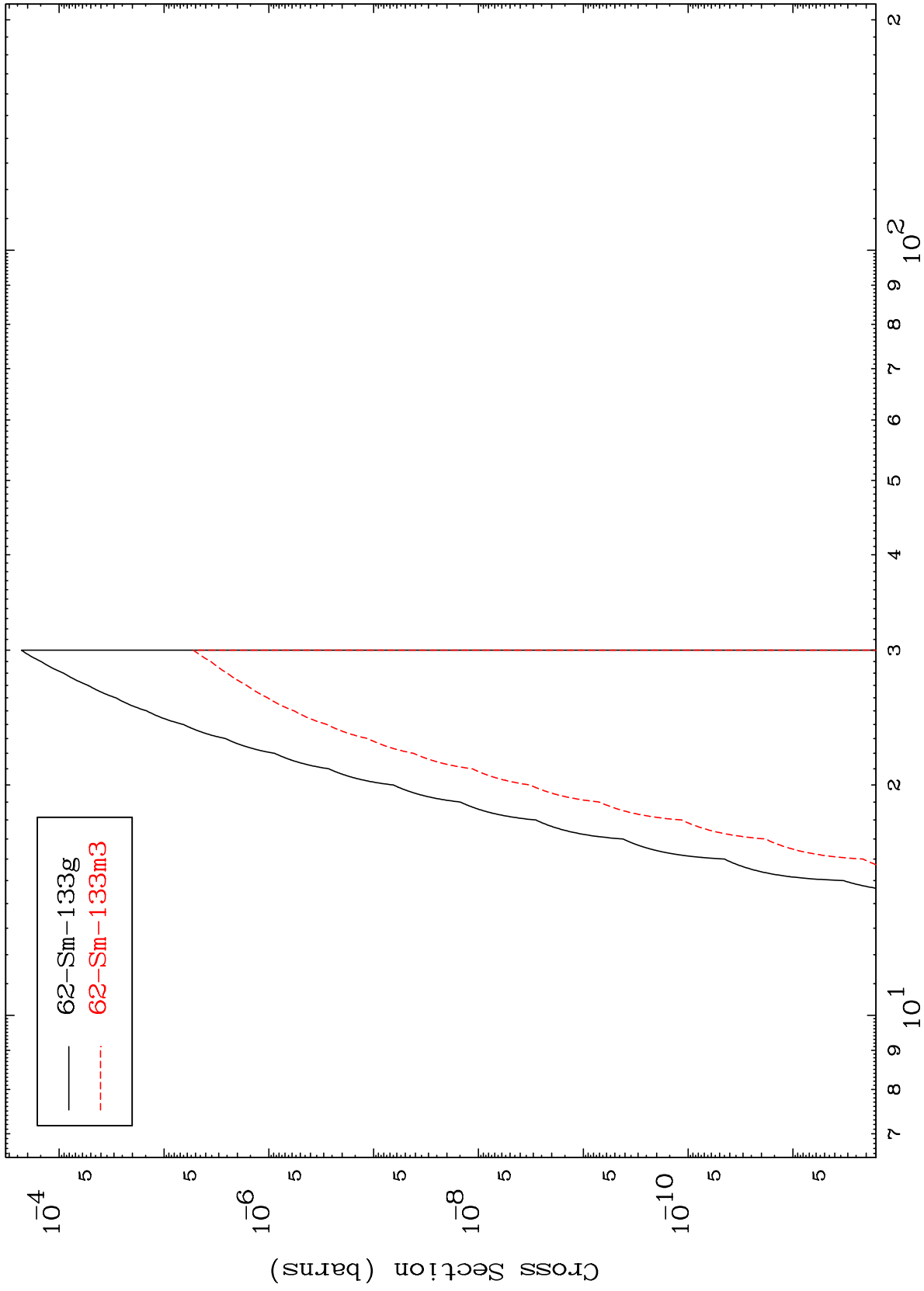
64-Gd-136

MAT 6377

(n, n') He-3

64-Gd-136

Radionuclide Production Cross Section



21

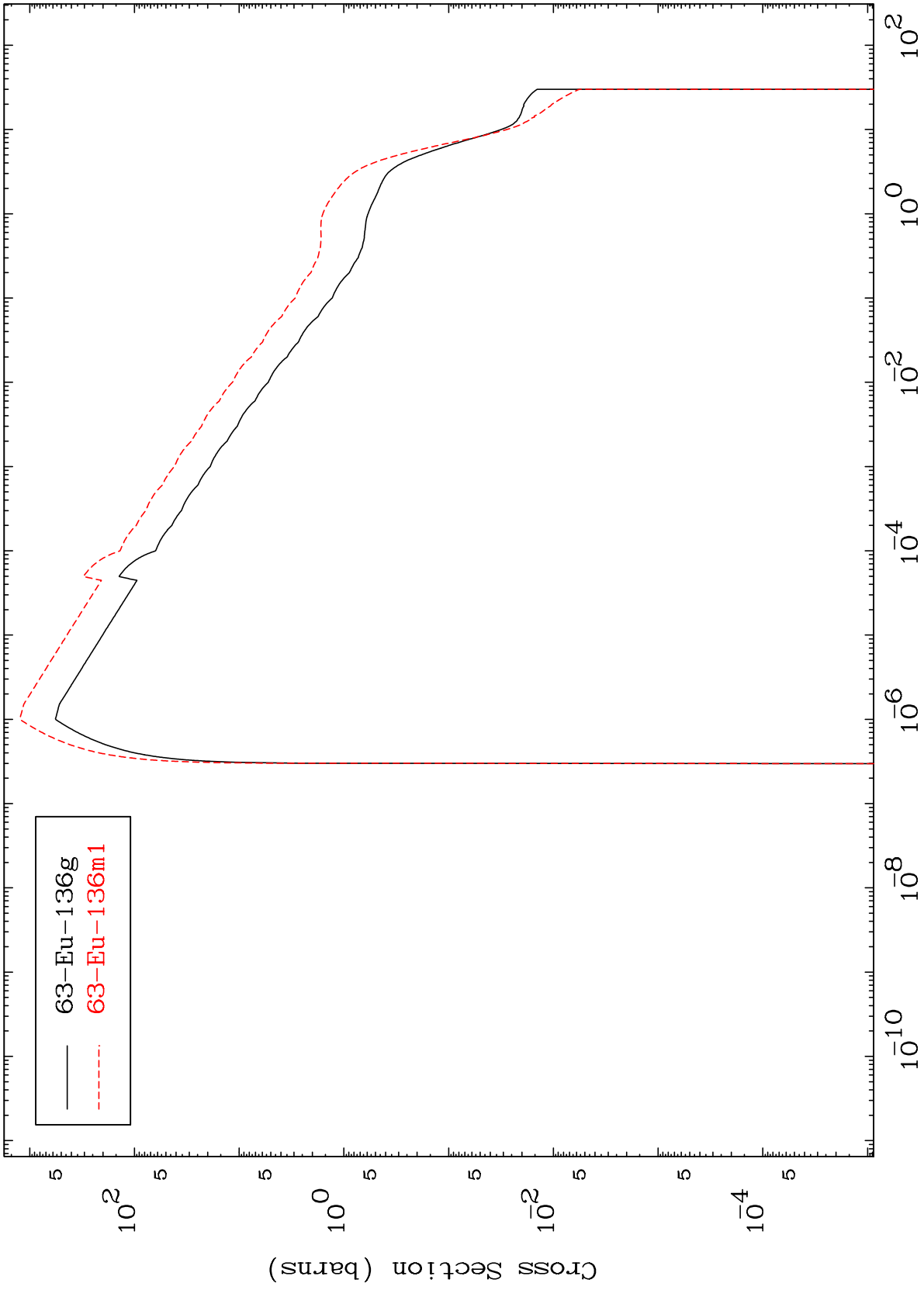
Incident Energy (MeV)

64-Gd-136

MAT 6377

64-Gd-136

(n,p)
Radionuclide Production Cross Section



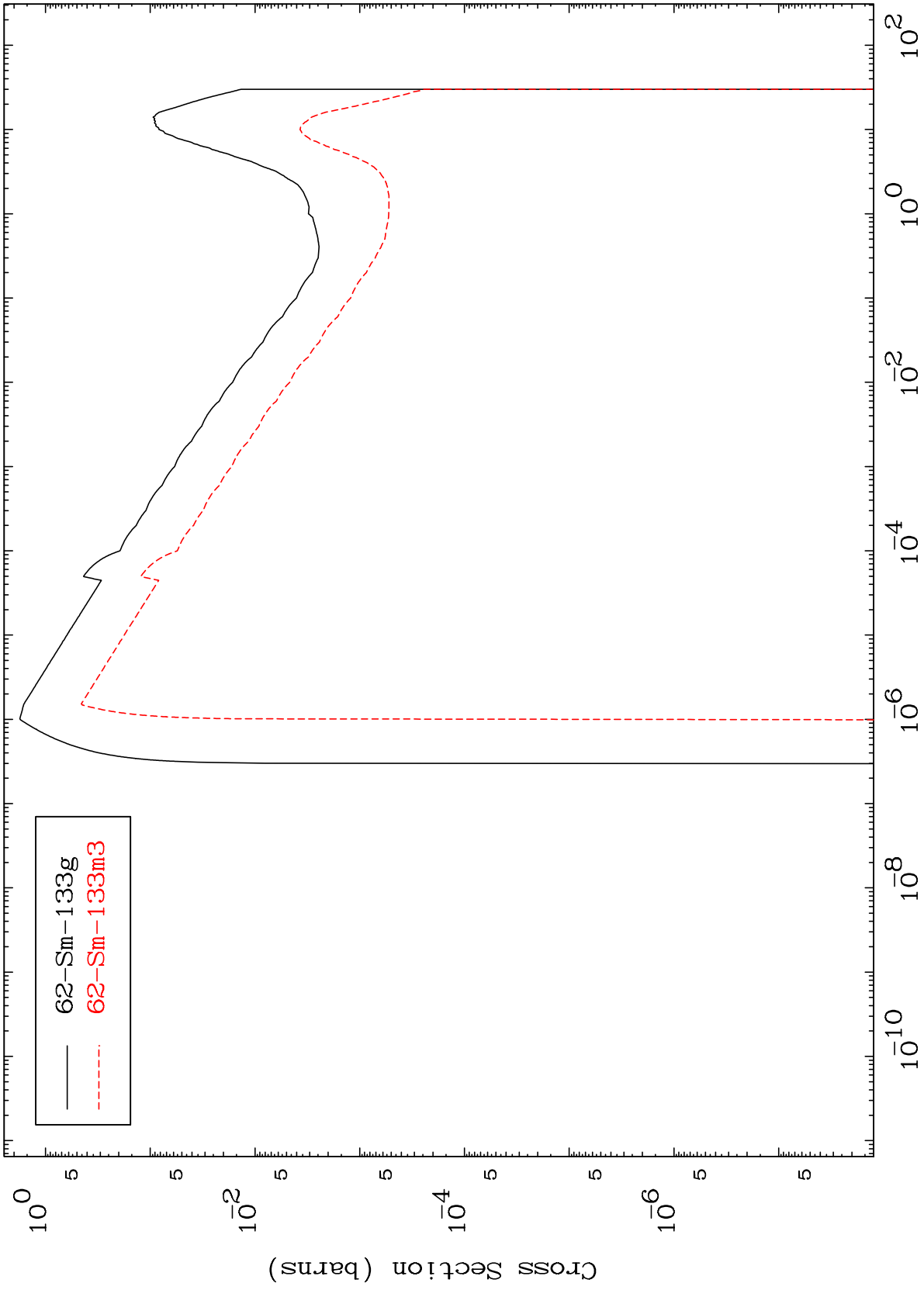
63-Eu-136g
63-Eu-136m1

MAT 6377

(n, α)

64-Gd-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

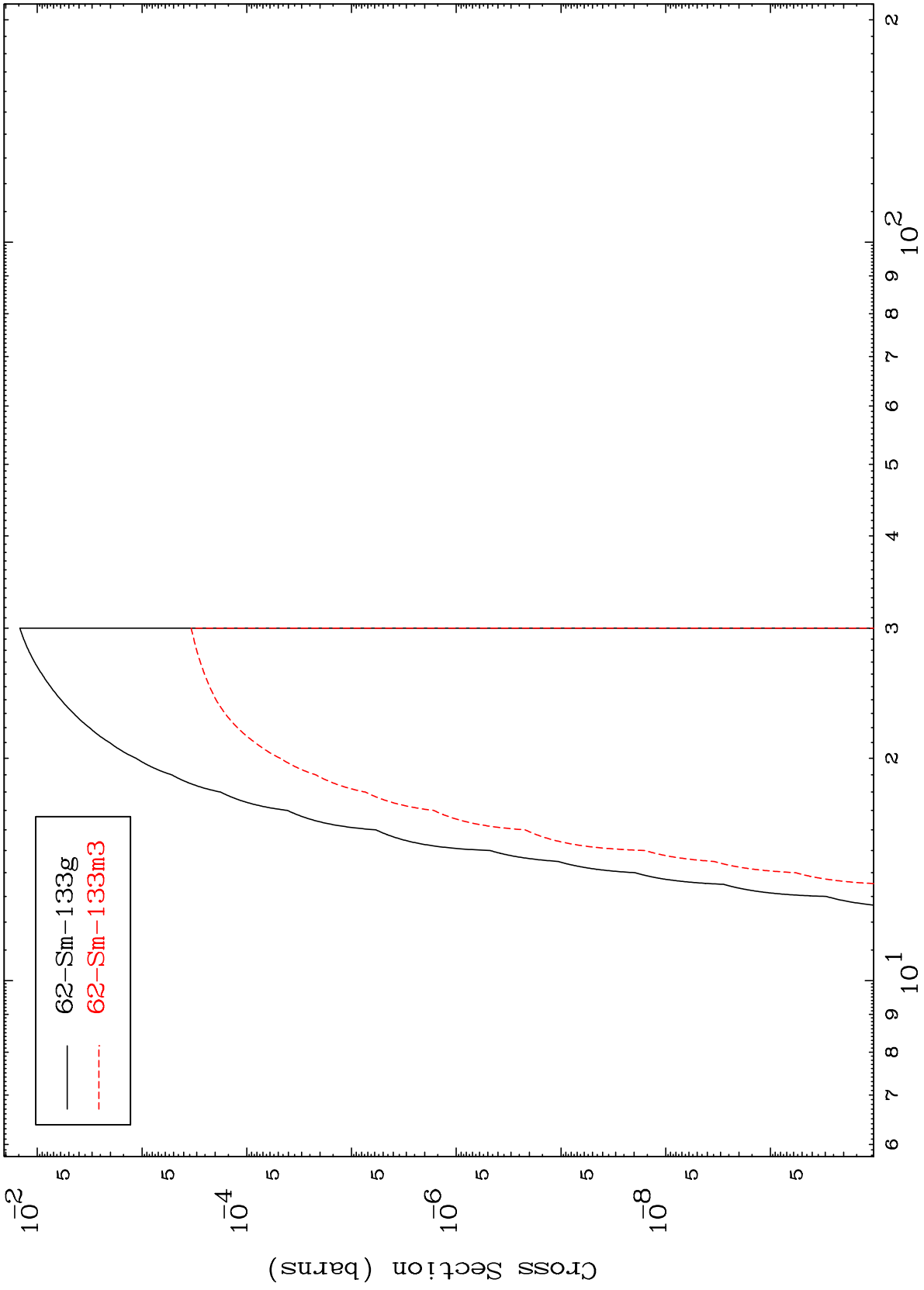
64-Gd-136

MAT 6377

(n,p) t

64-Gd-136

Radionuclide Production Cross Section



62-Sm-133g
62-Sm-133m3

24

Incident Energy (MeV)

64-Gd-136