

Program EVALPLOT
(Version 2015-2)

by

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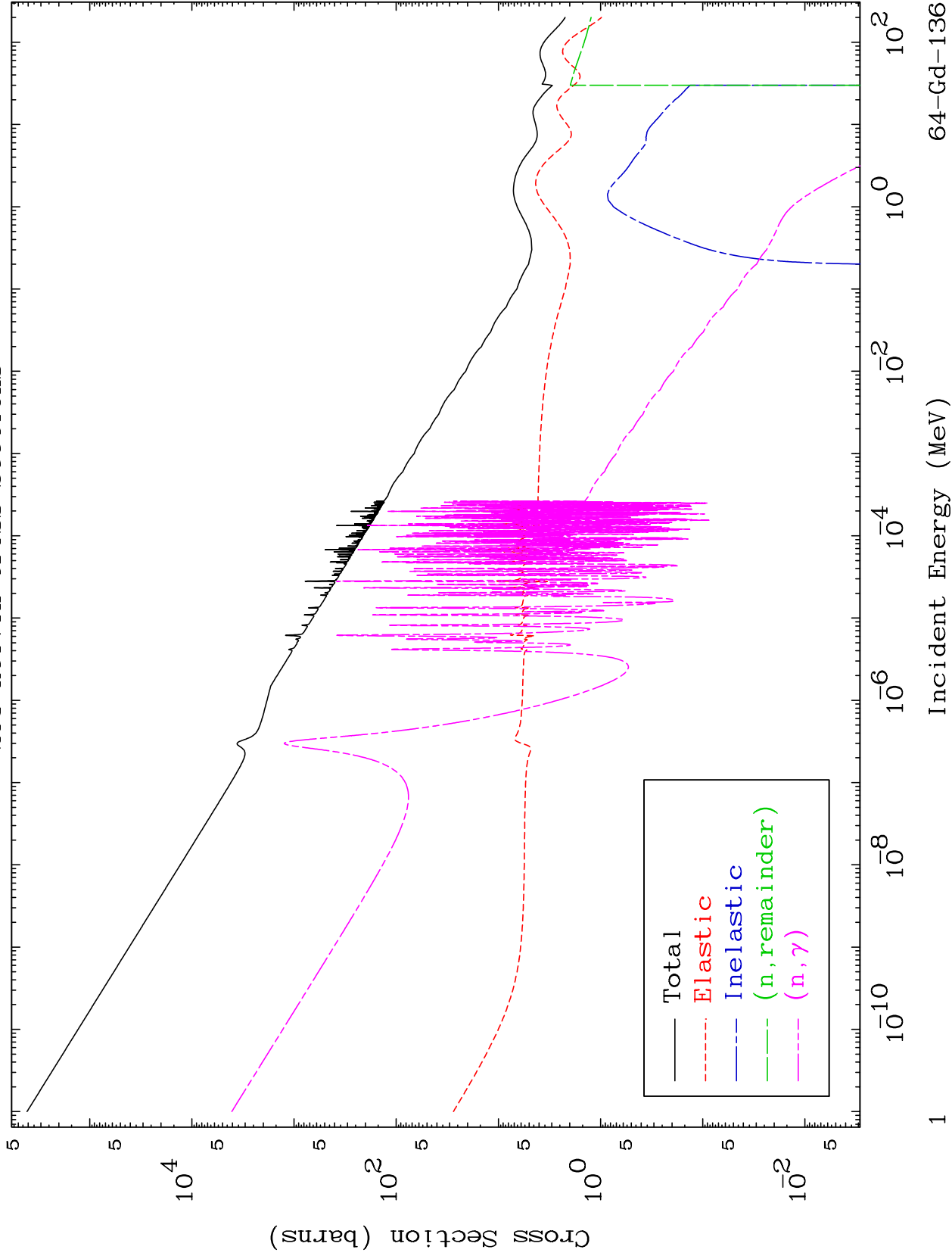
Press Mouse Button to Start

MAT 6377

Major

293 Kelvin Cross Sections

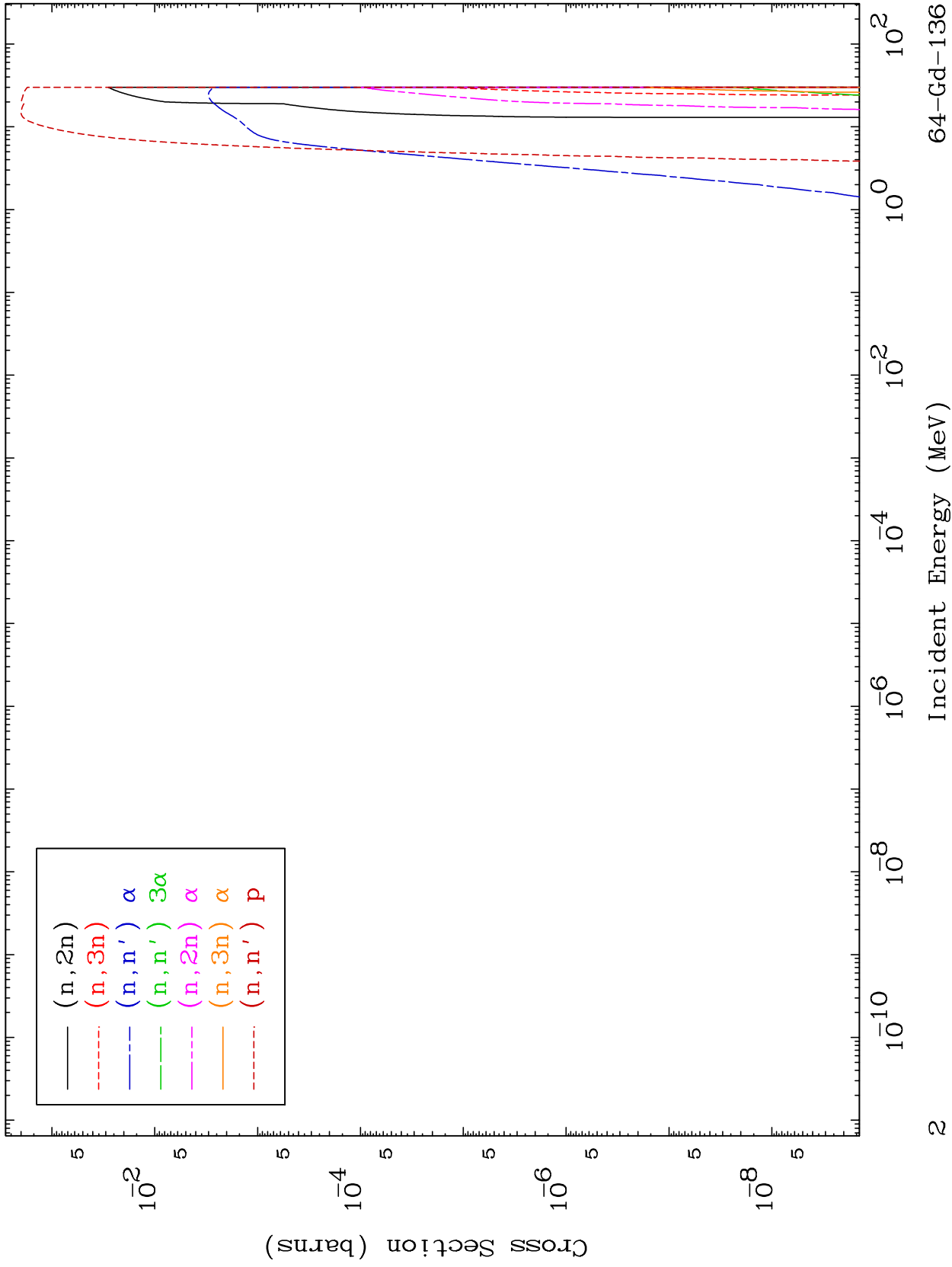
64-Gd-136



MAT 6377

Neutron Production
293 Kelvin Cross Sections

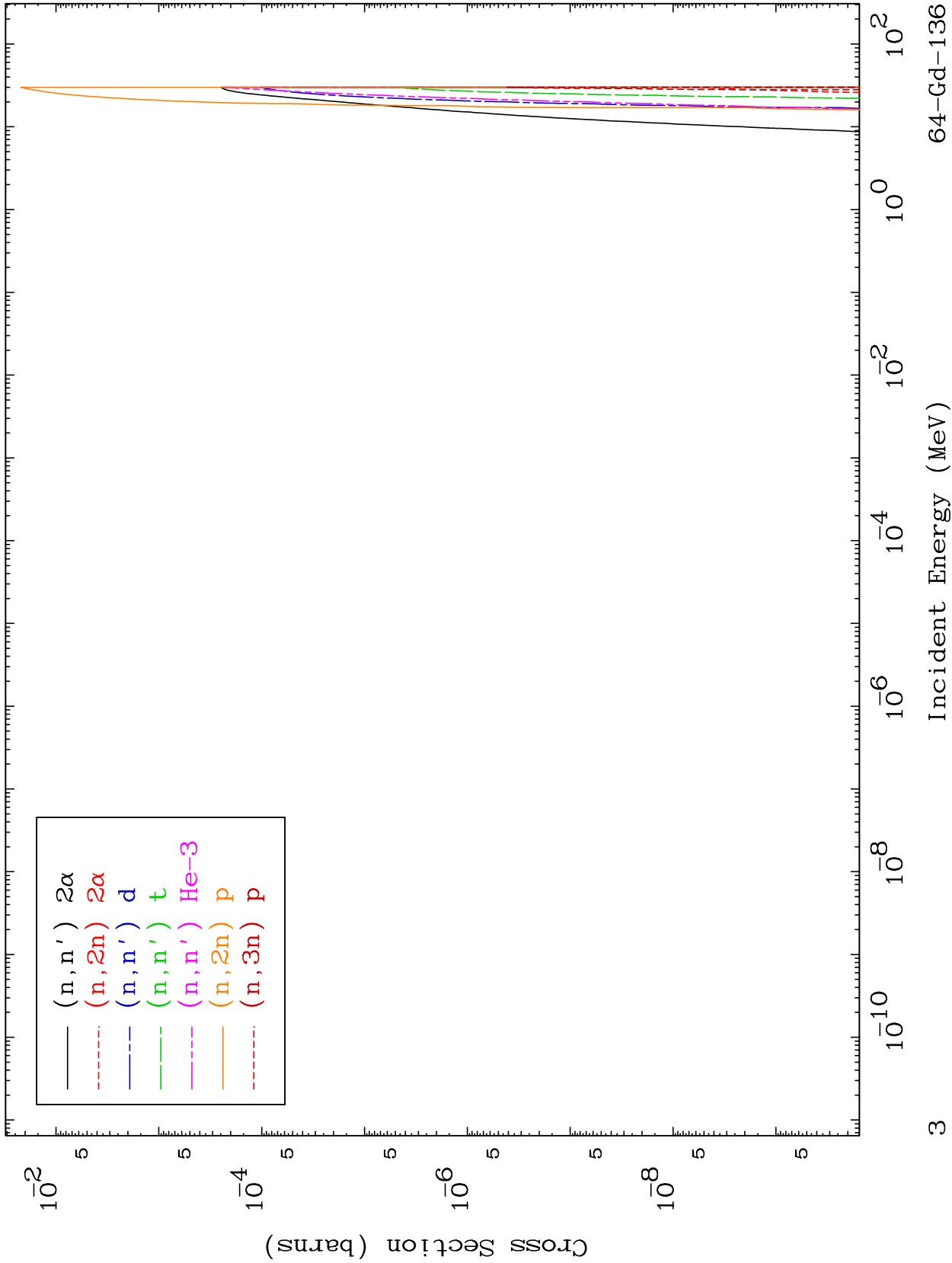
64-Gd-136



MAT 6377

Neutron Production
293 Kelvin Cross Sections

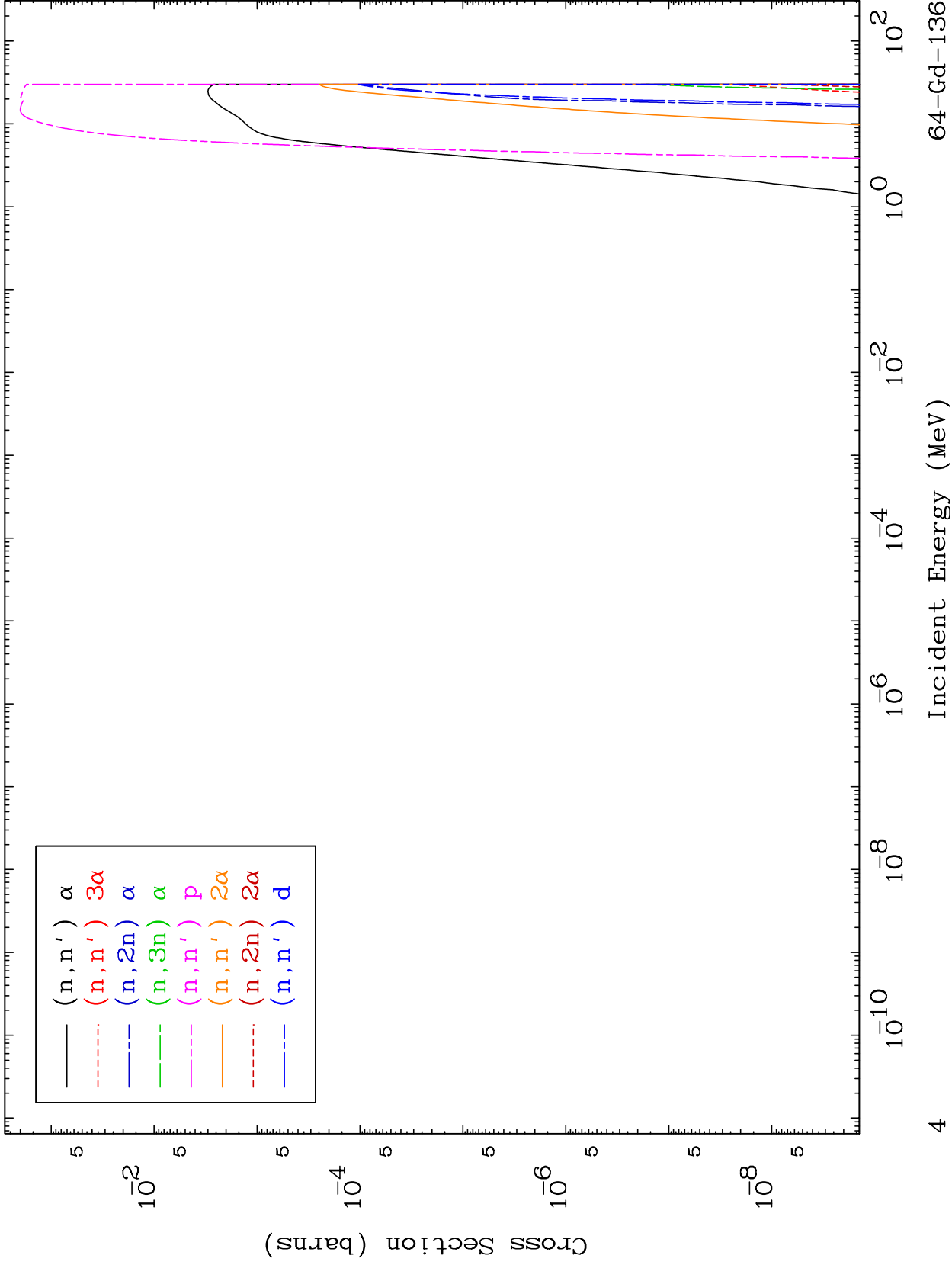
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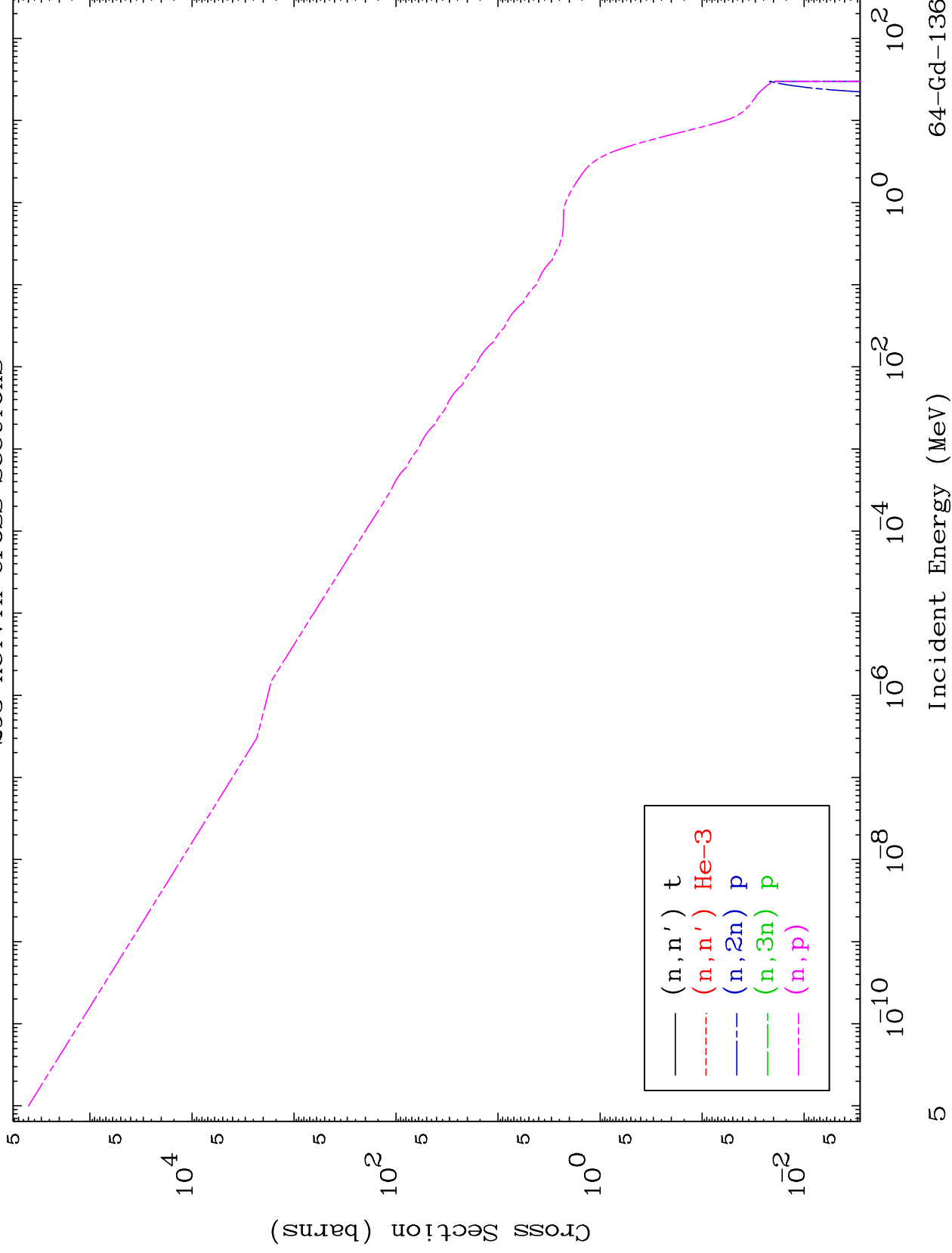


MAT 6377

Charged Particle
293 Kelvin Cross Sections

64-Gd-136

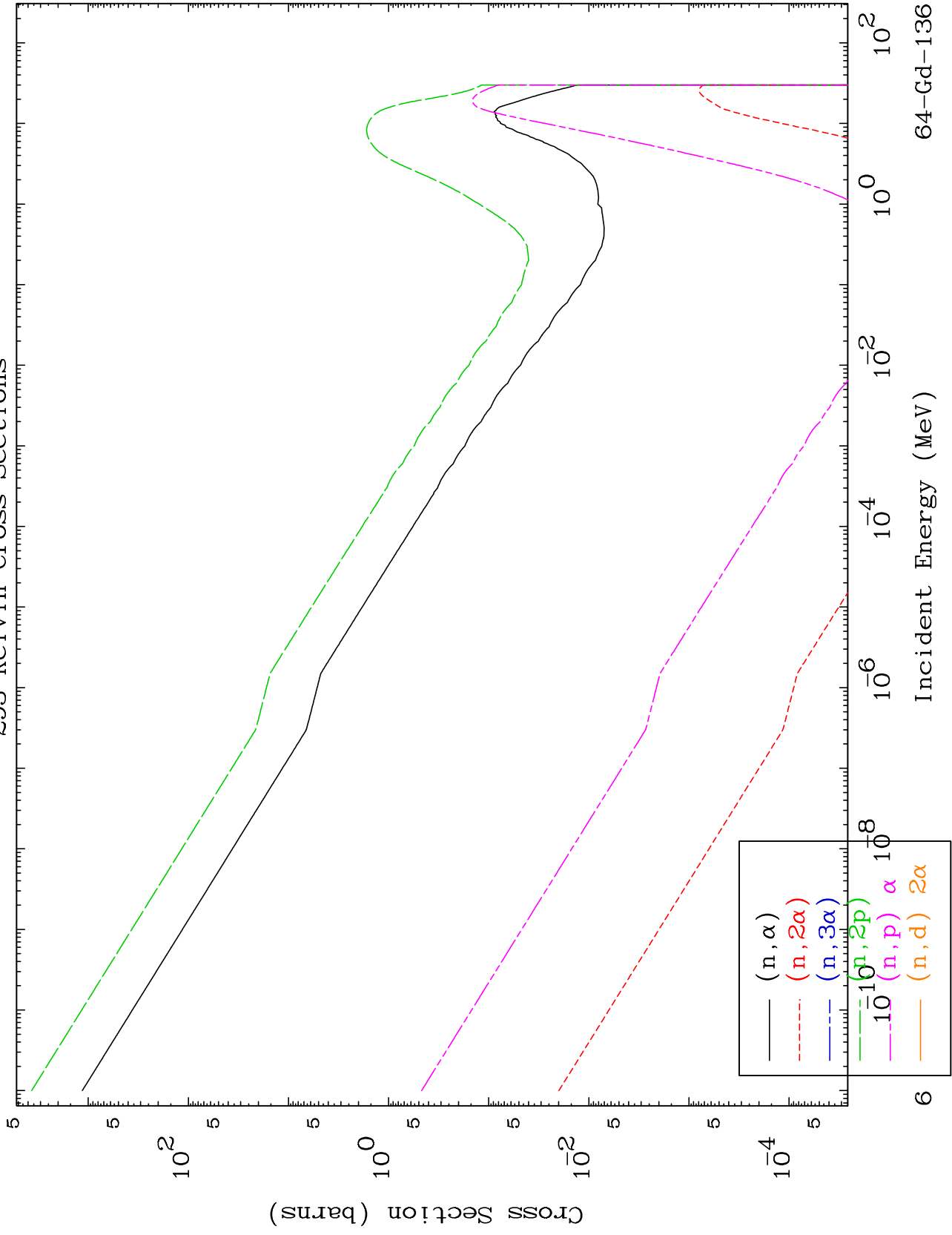




MAT 6377

Charged Particle
293 Kelvin Cross Sections

64-Gd-136

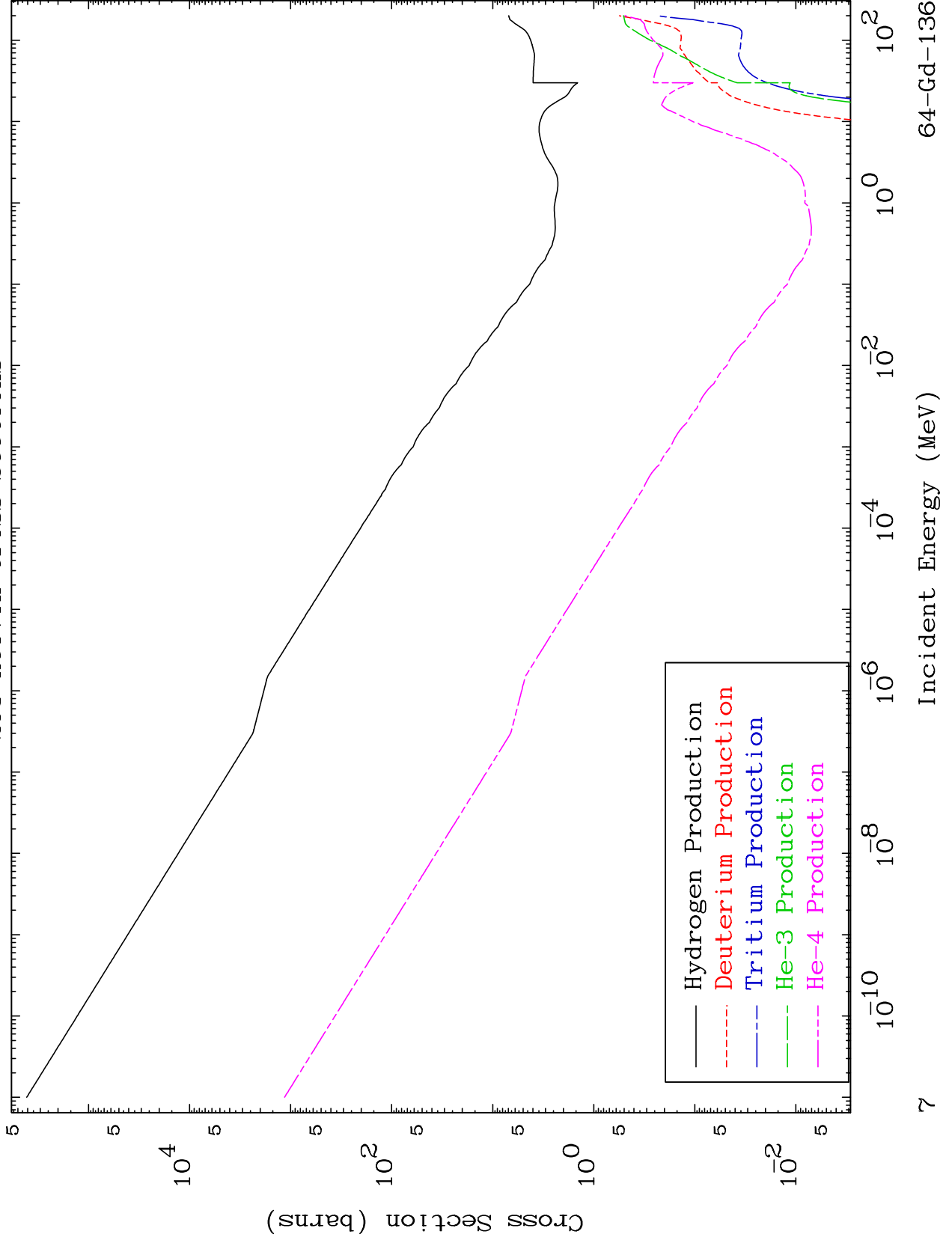


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Particle Production
293 Kelvin Cross Sections

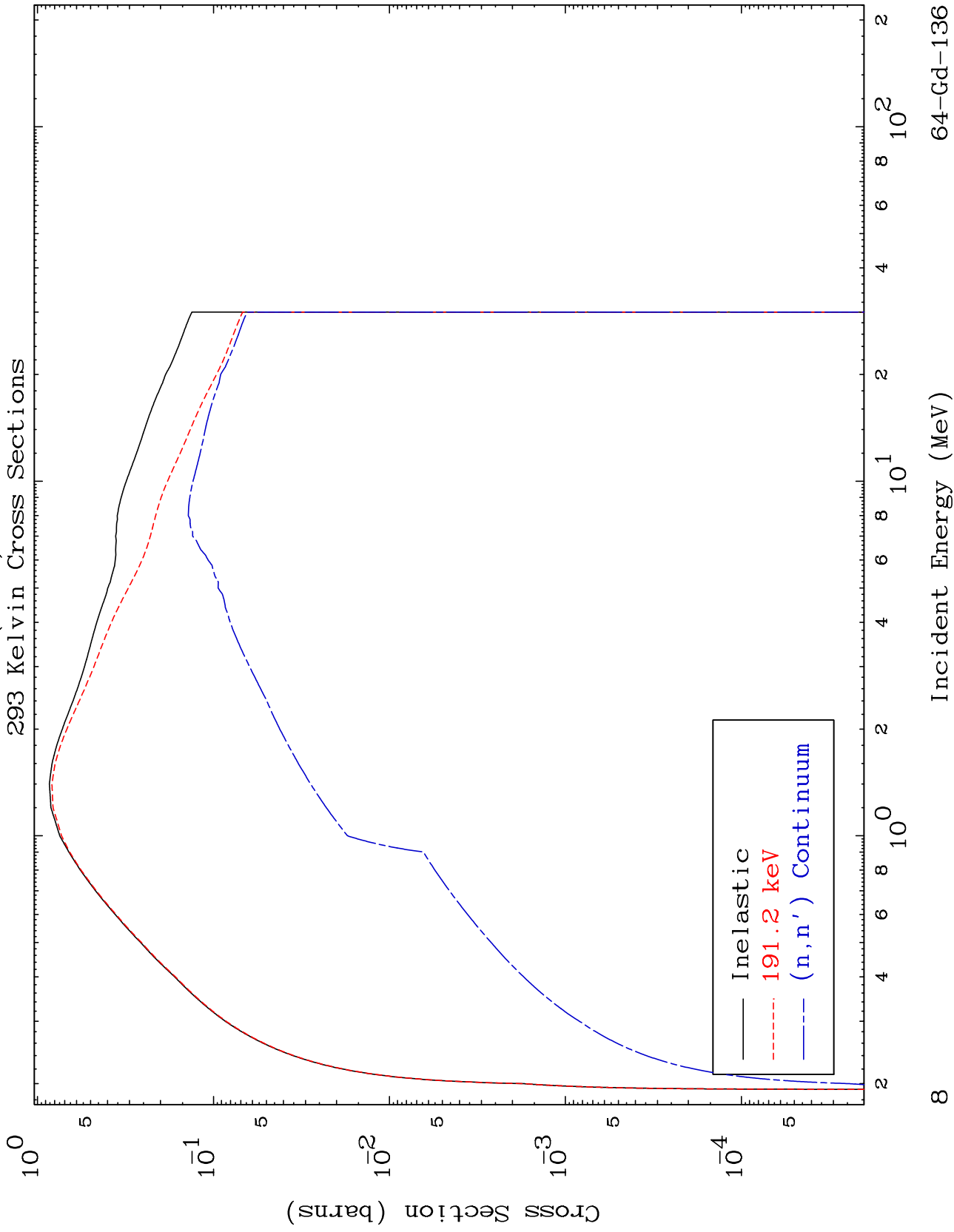
64-Gd-136



MAT 63777

(n,n') Level

64-Gd-136



8

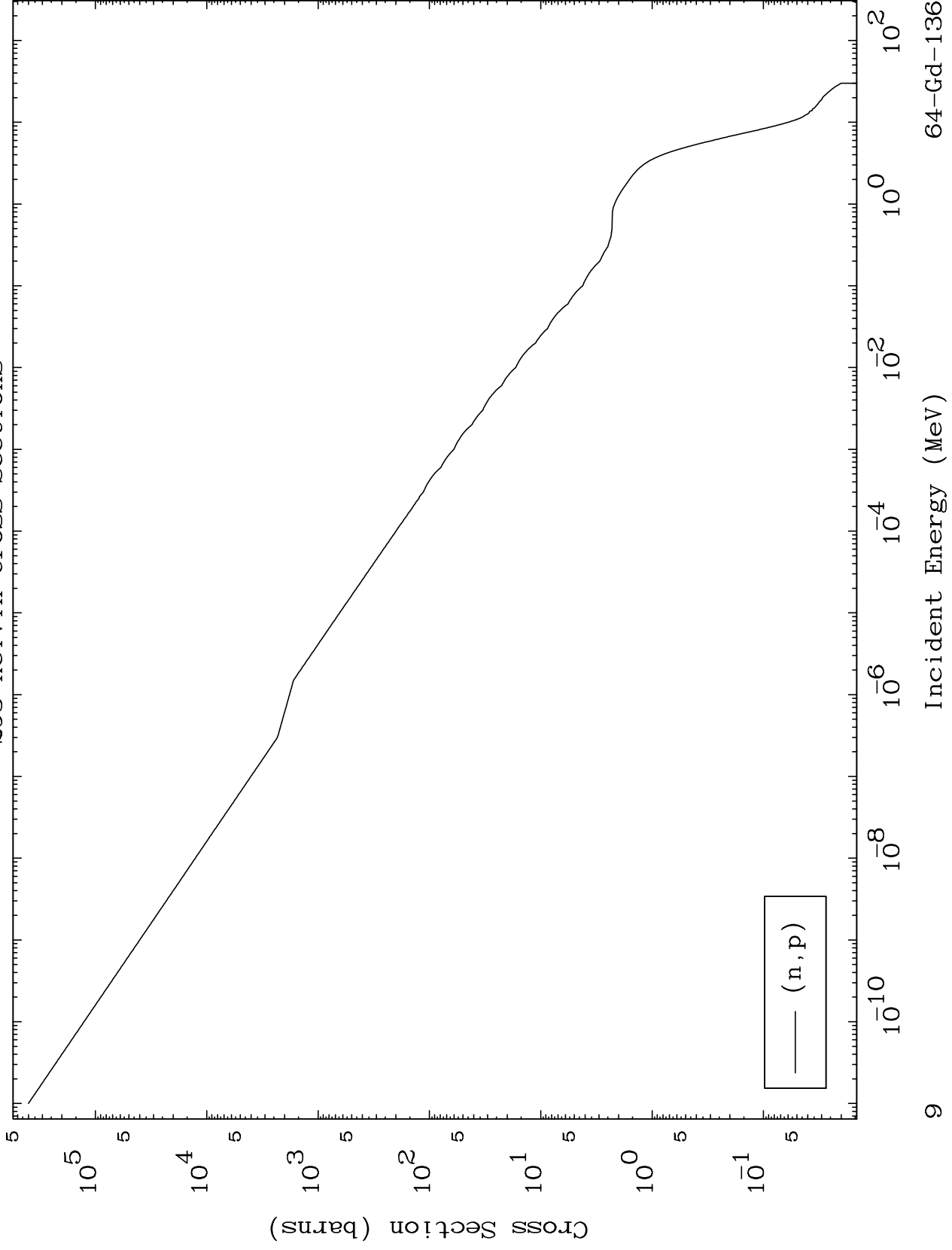
Incident Energy (MeV)

64-Gd-136

MAT 63777

(n,p) Levels
293 Kelvin Cross Sections

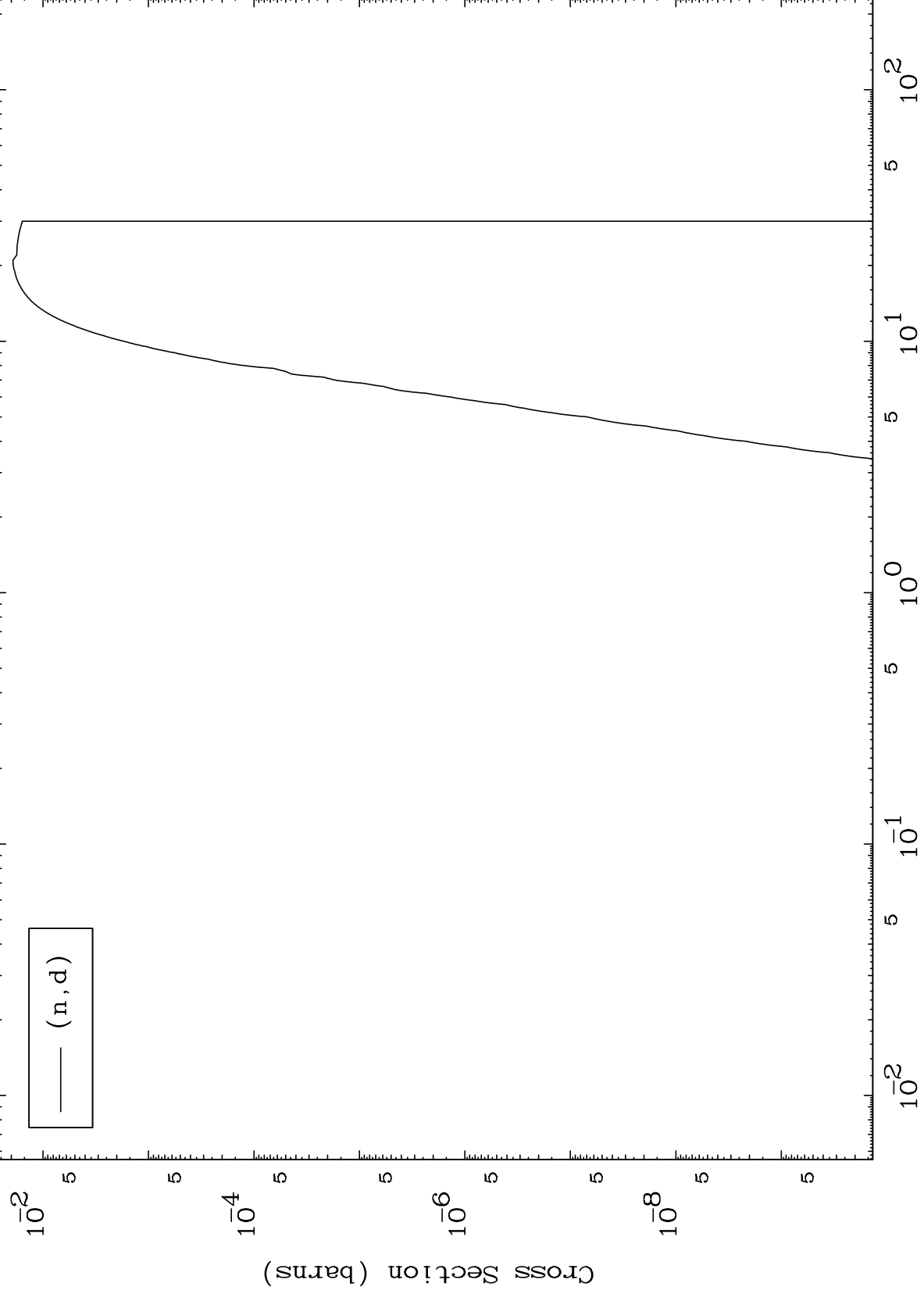
64-Gd-136



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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-136



10

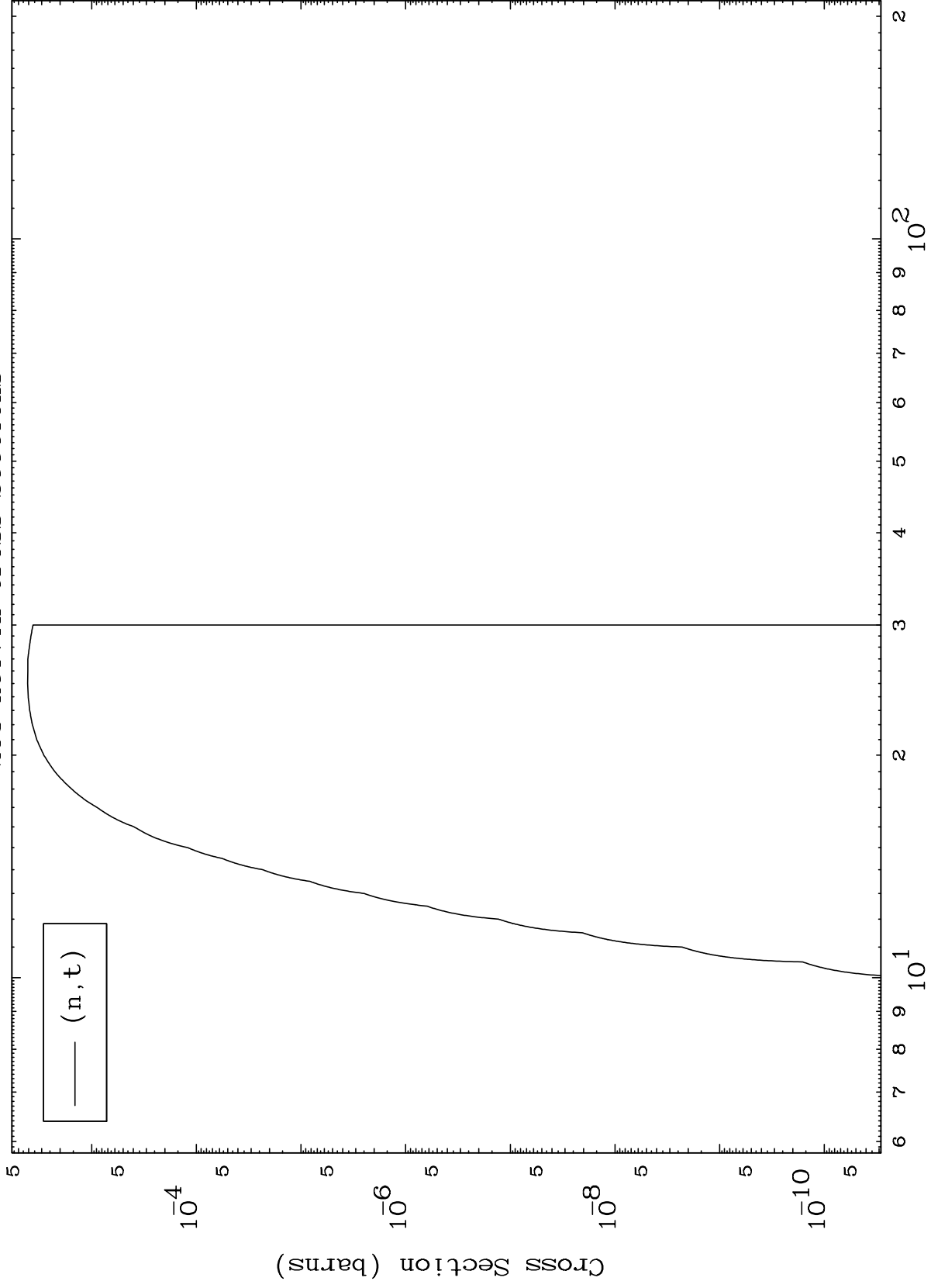
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-136



11

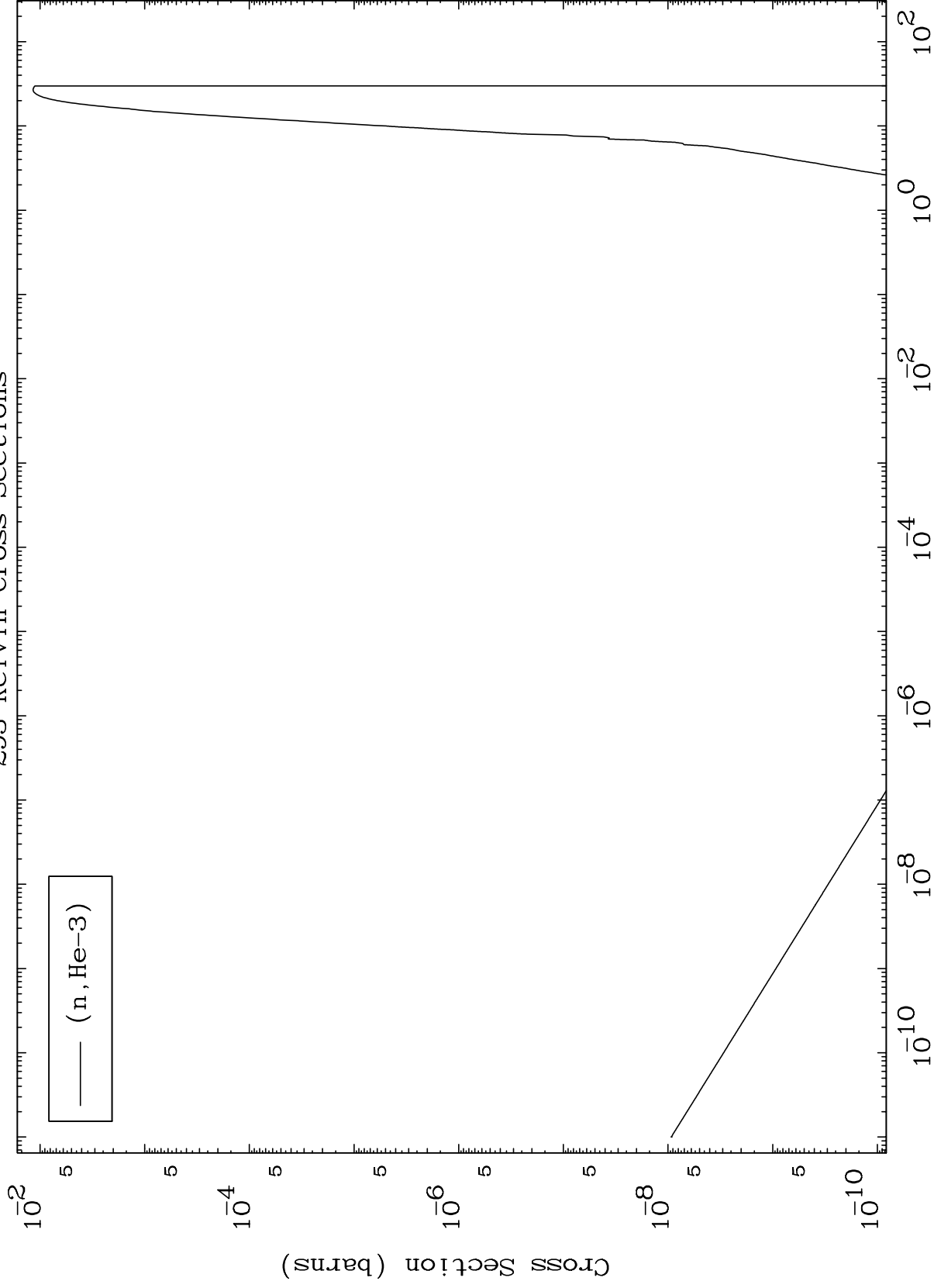
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-136



12

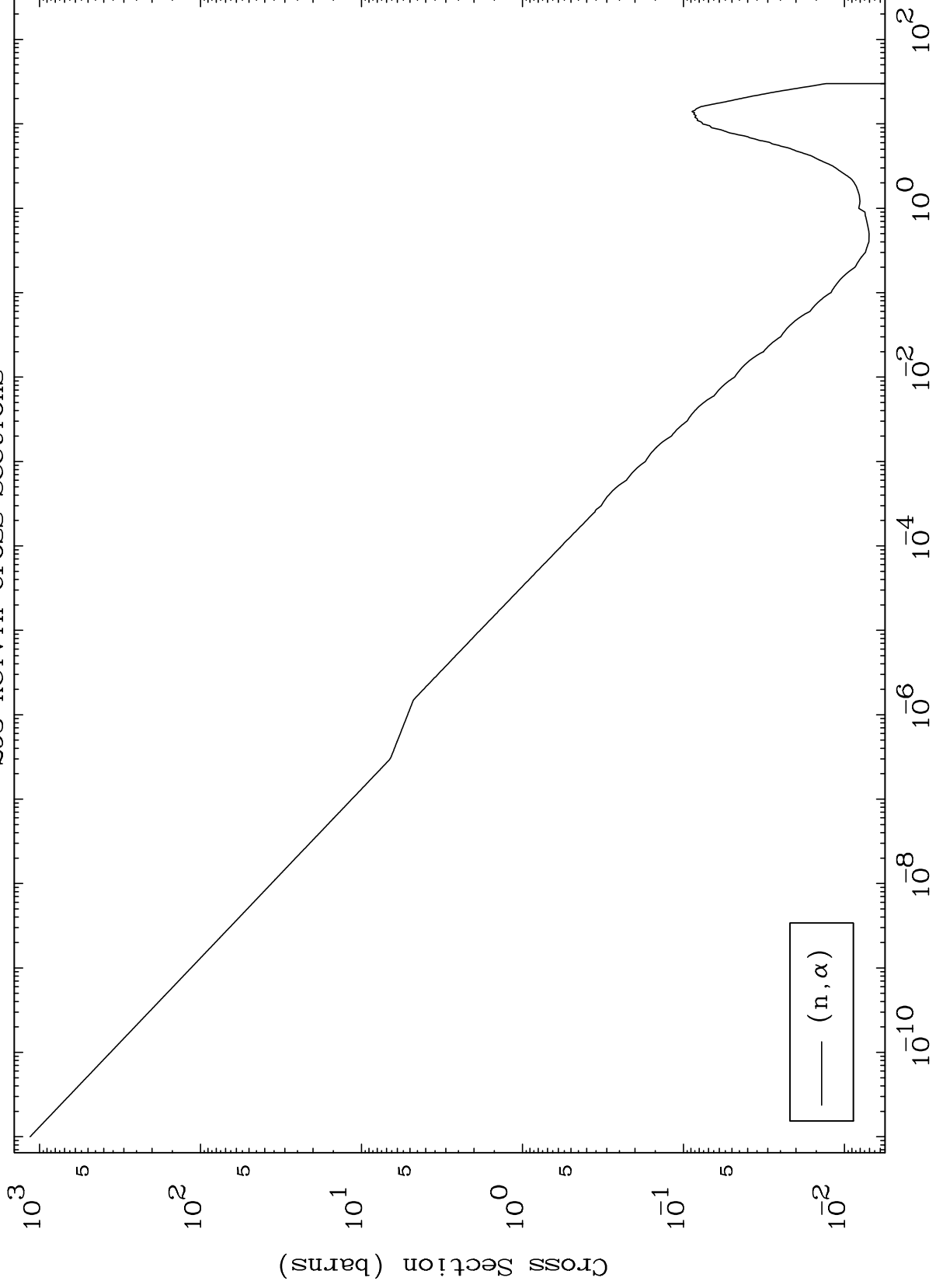
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,α) Levels
293 Kelvin Cross Sections

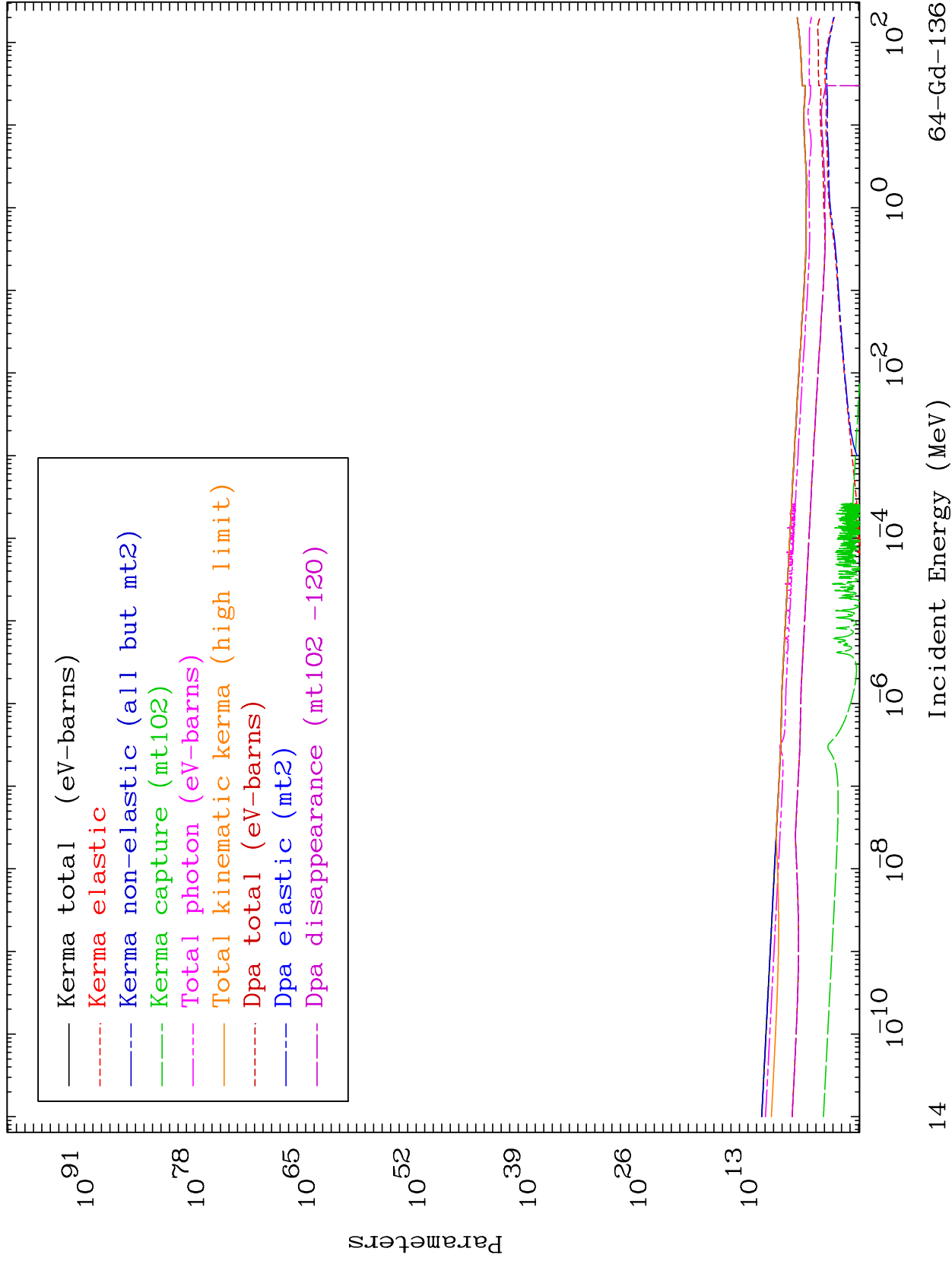
64-Gd-136



13

Incident Energy (MeV)

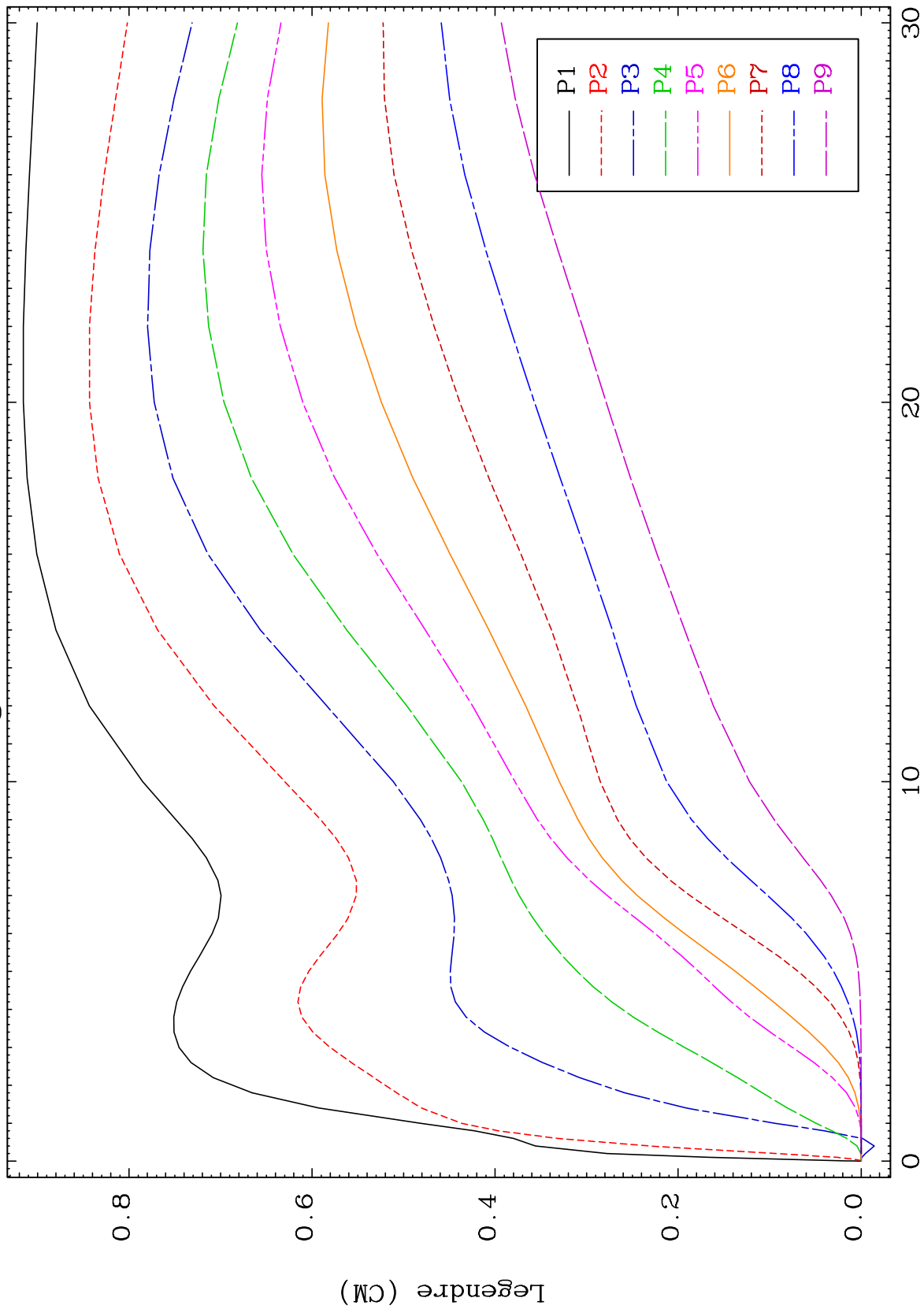
64-Gd-136



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Elastic Legendre Coefficients

64-Gd-136



15

Incident Energy (MeV)

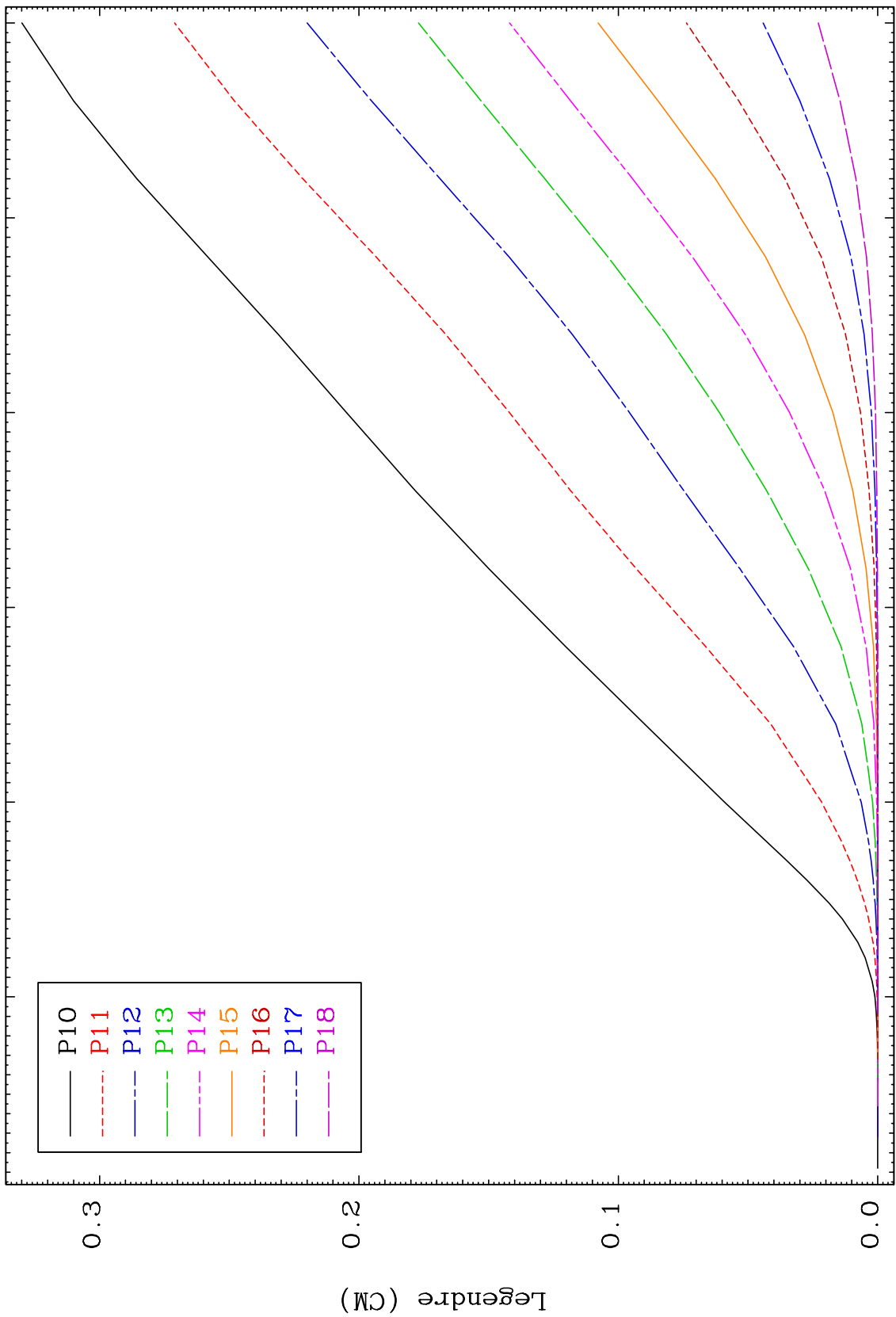
64-Gd-136

30

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Elastic Legendre Coefficients

64-Gd-136



16

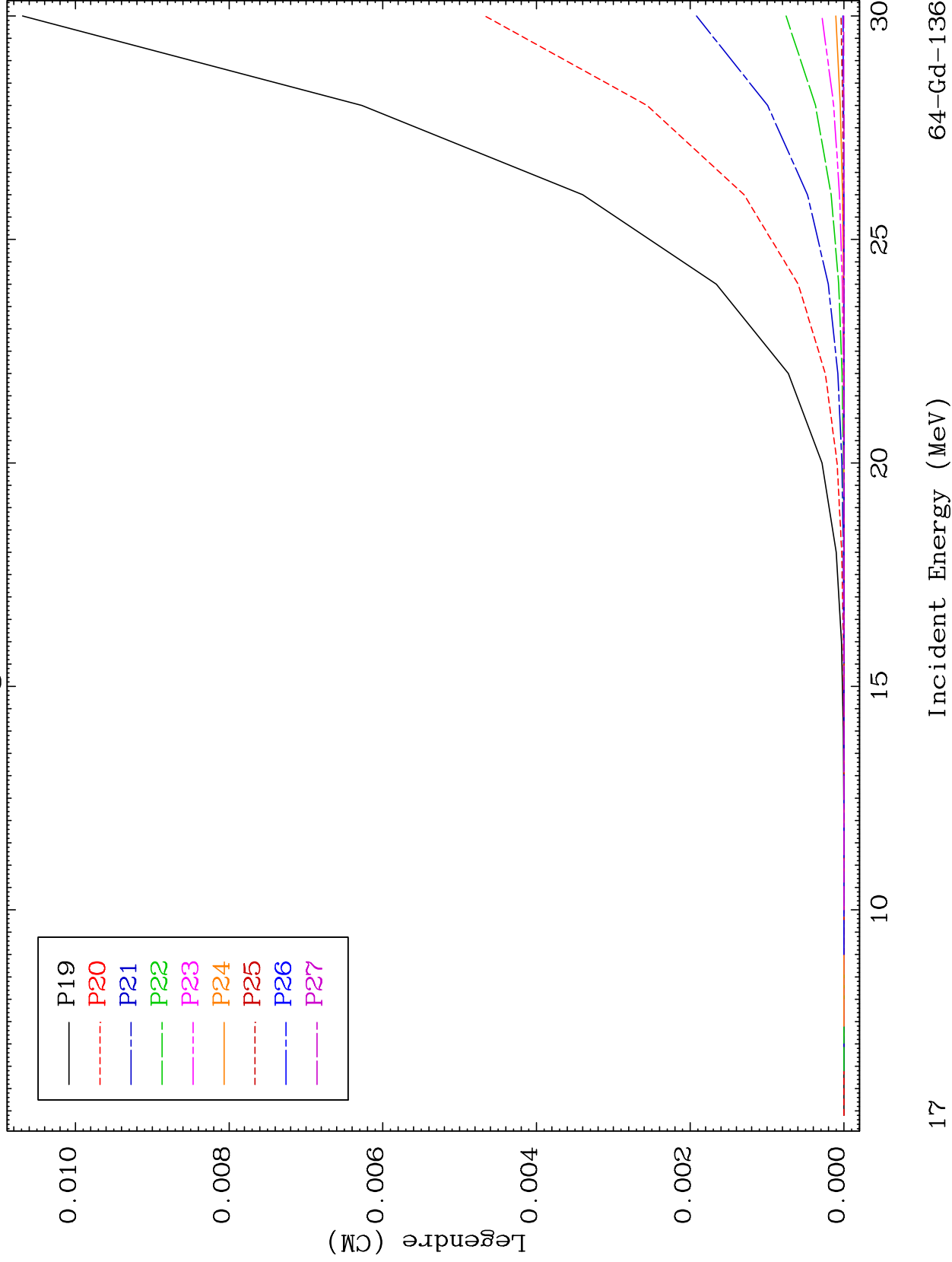
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



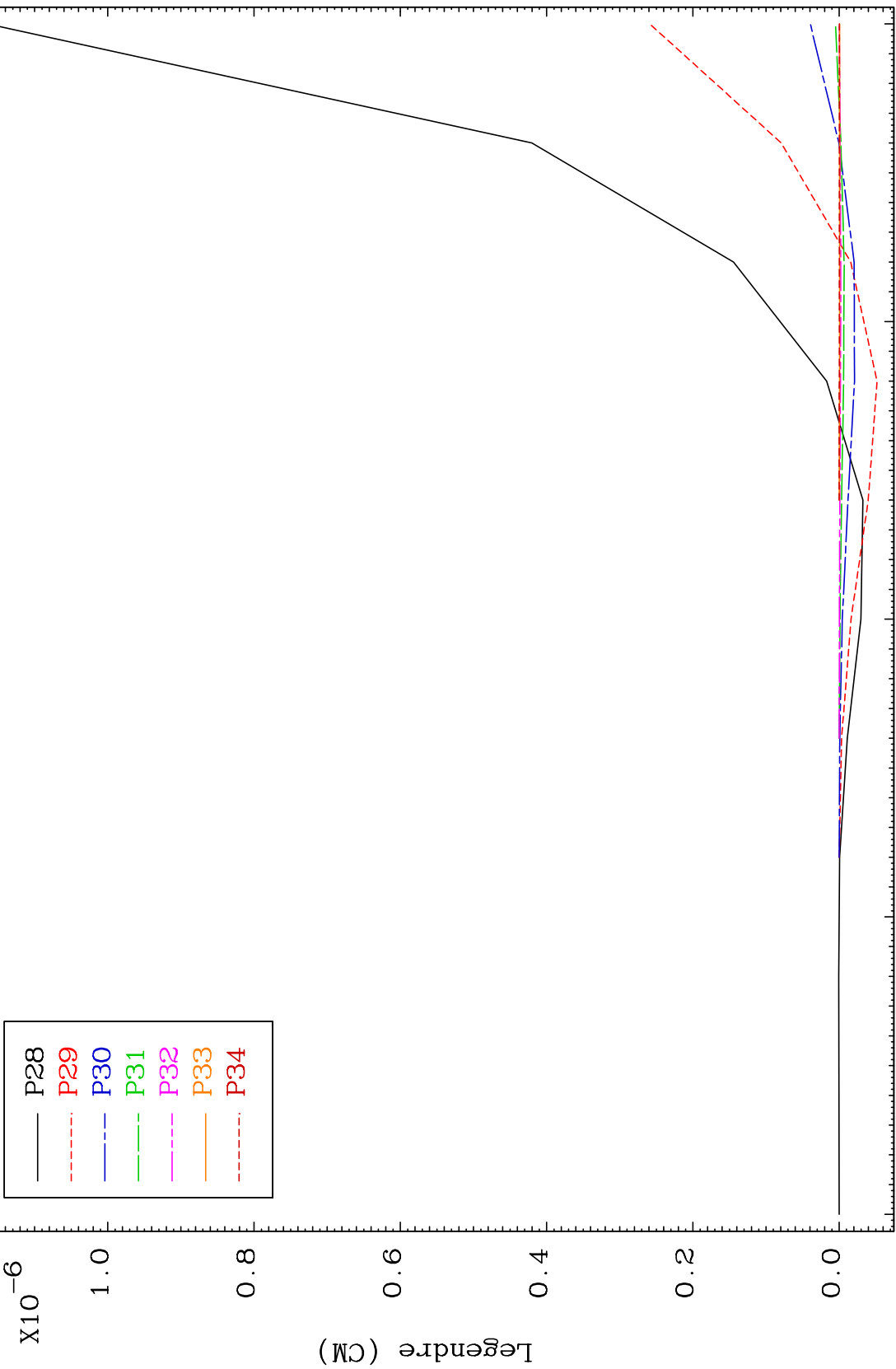
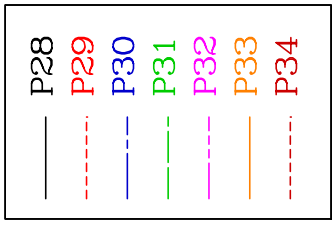
17

64-Gd-136

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Elastic Legendre Coefficients

64-Gd-136



18

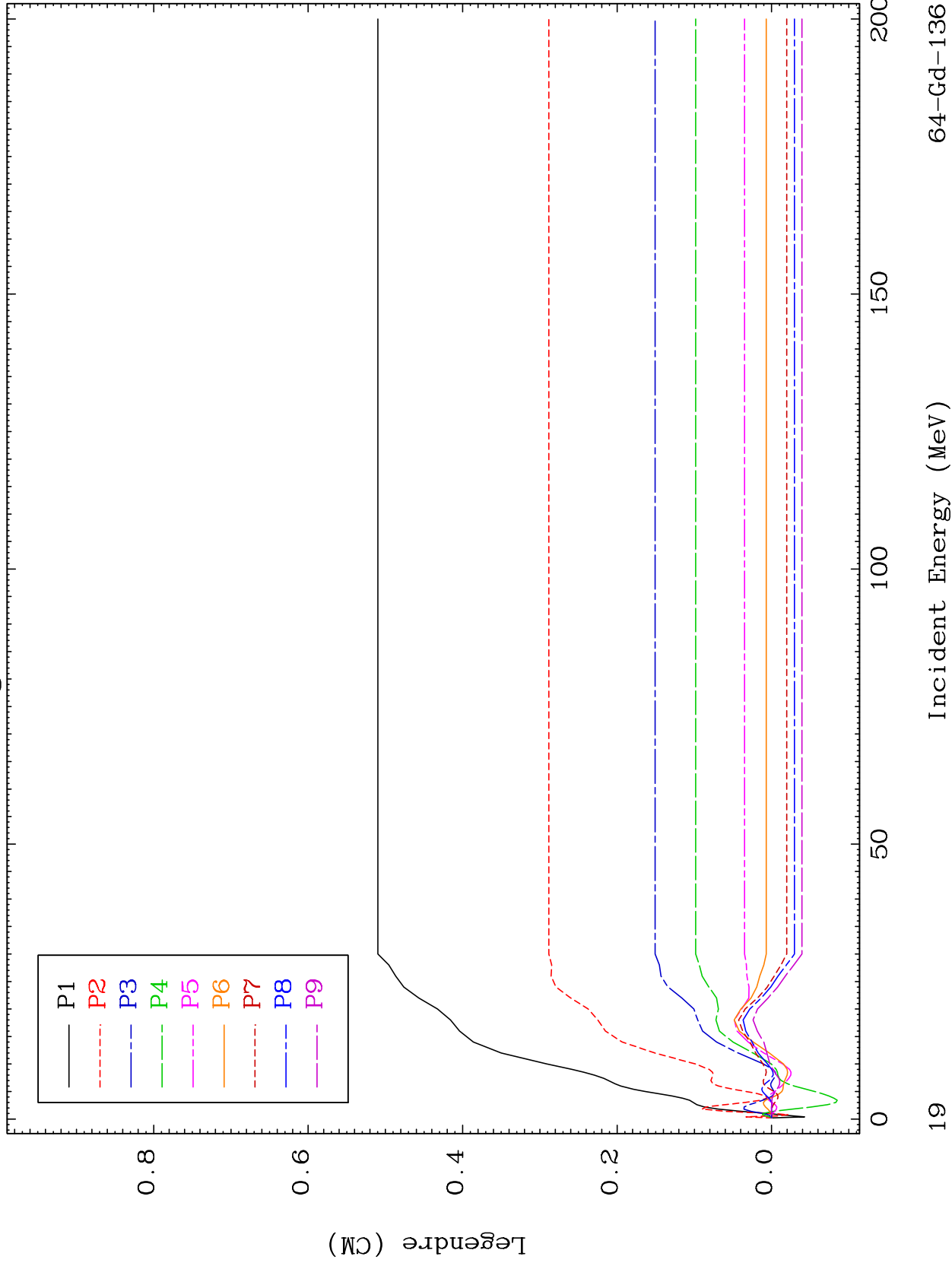
Incident Energy (MeV)

64-Gd-136

MAT 6377

191.2 keV (n,n') Level
Legendre Coefficients

64-Gd-136



64-Gd-136

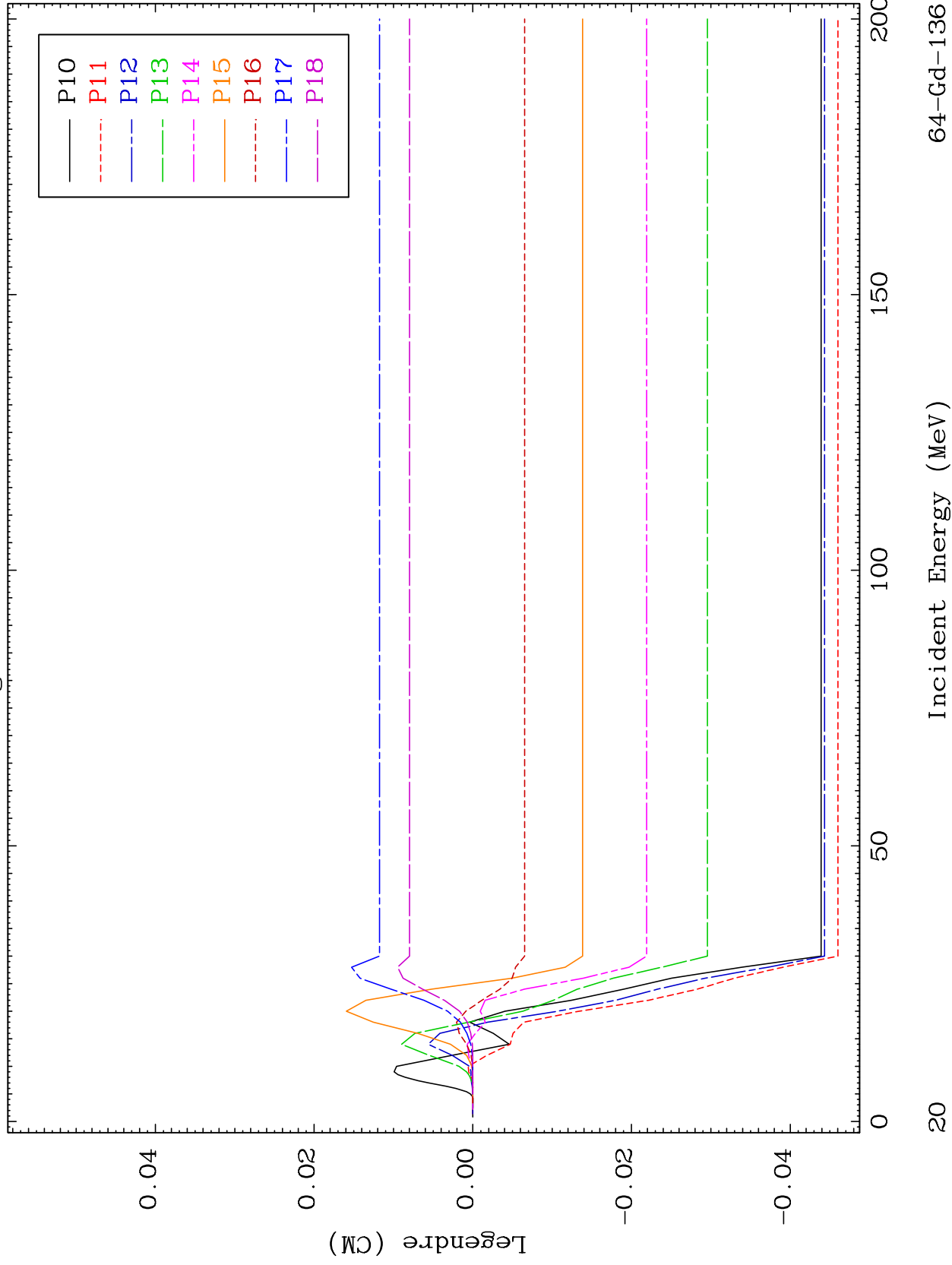
Incident Energy (MeV)

19

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191.2 keV (n,n') Level
Legendre Coefficients

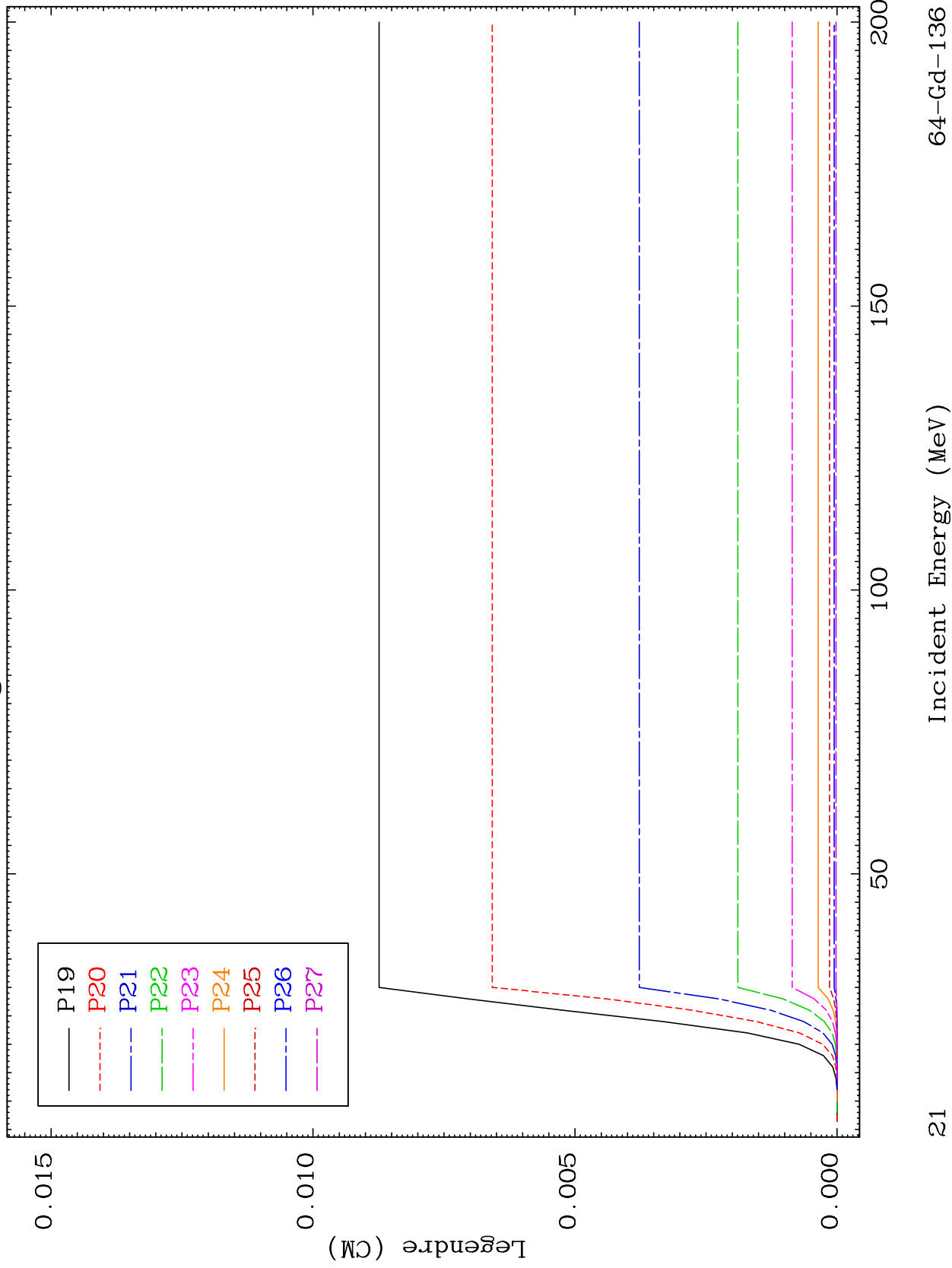
64-Gd-136



64-Gd-136

Incident Energy (MeV)

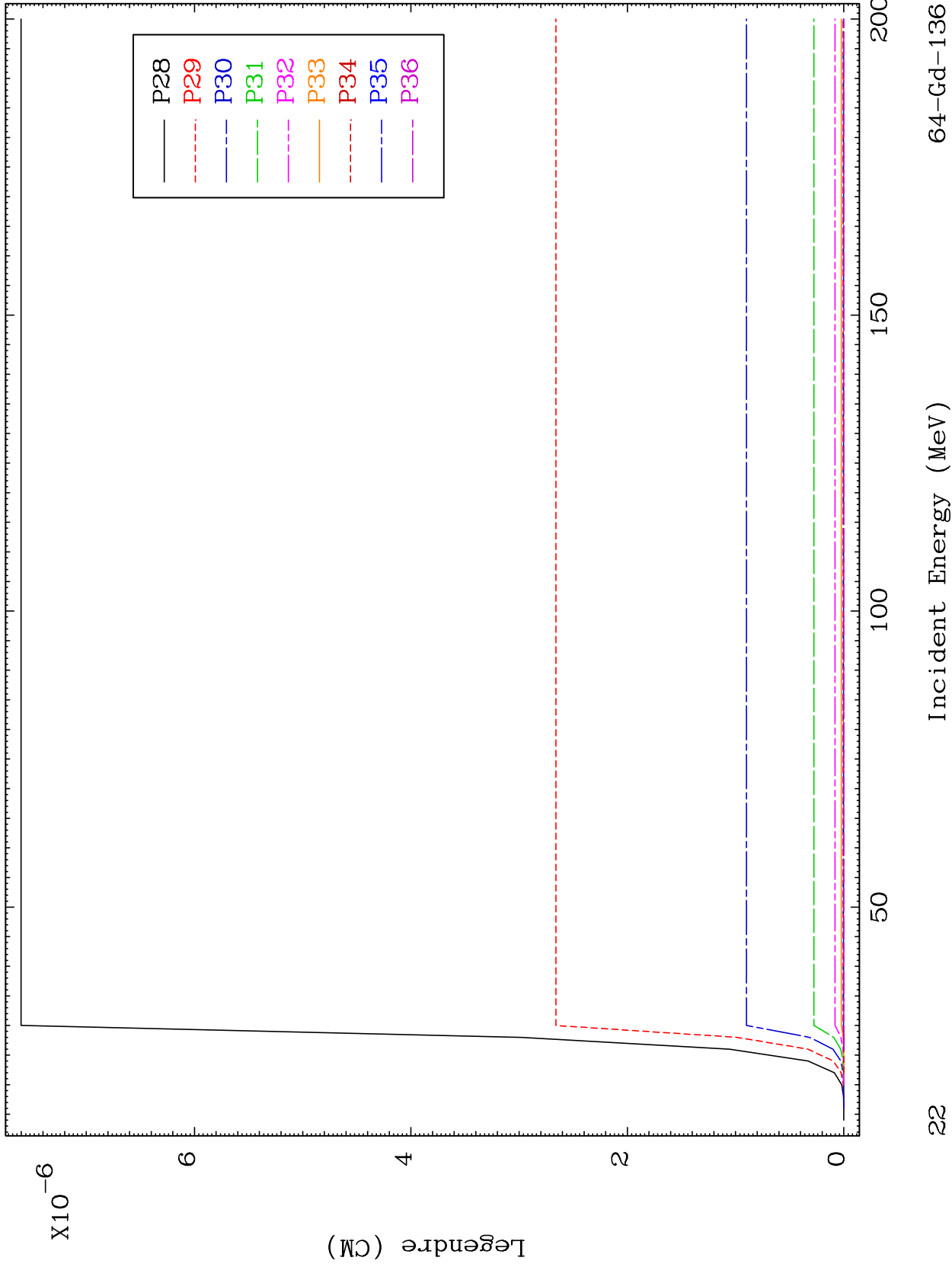
20



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191.2 keV (n,n') Level
Legendre Coefficients

64-Gd-136



22

Incident Energy (MeV)

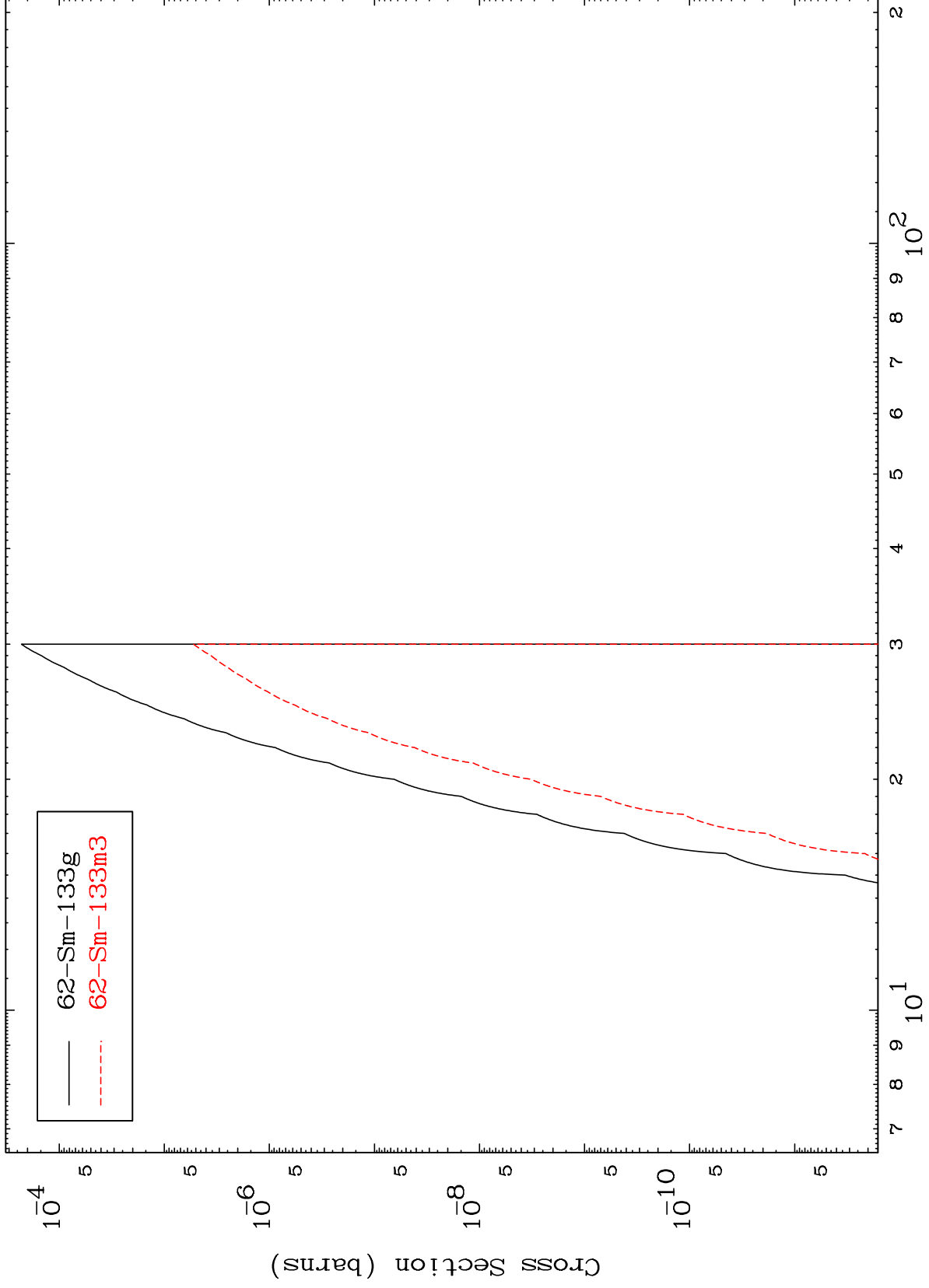
64-Gd-136

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(n,n') He-3

64-Gd-136

Radionuclide Production Cross Section



23

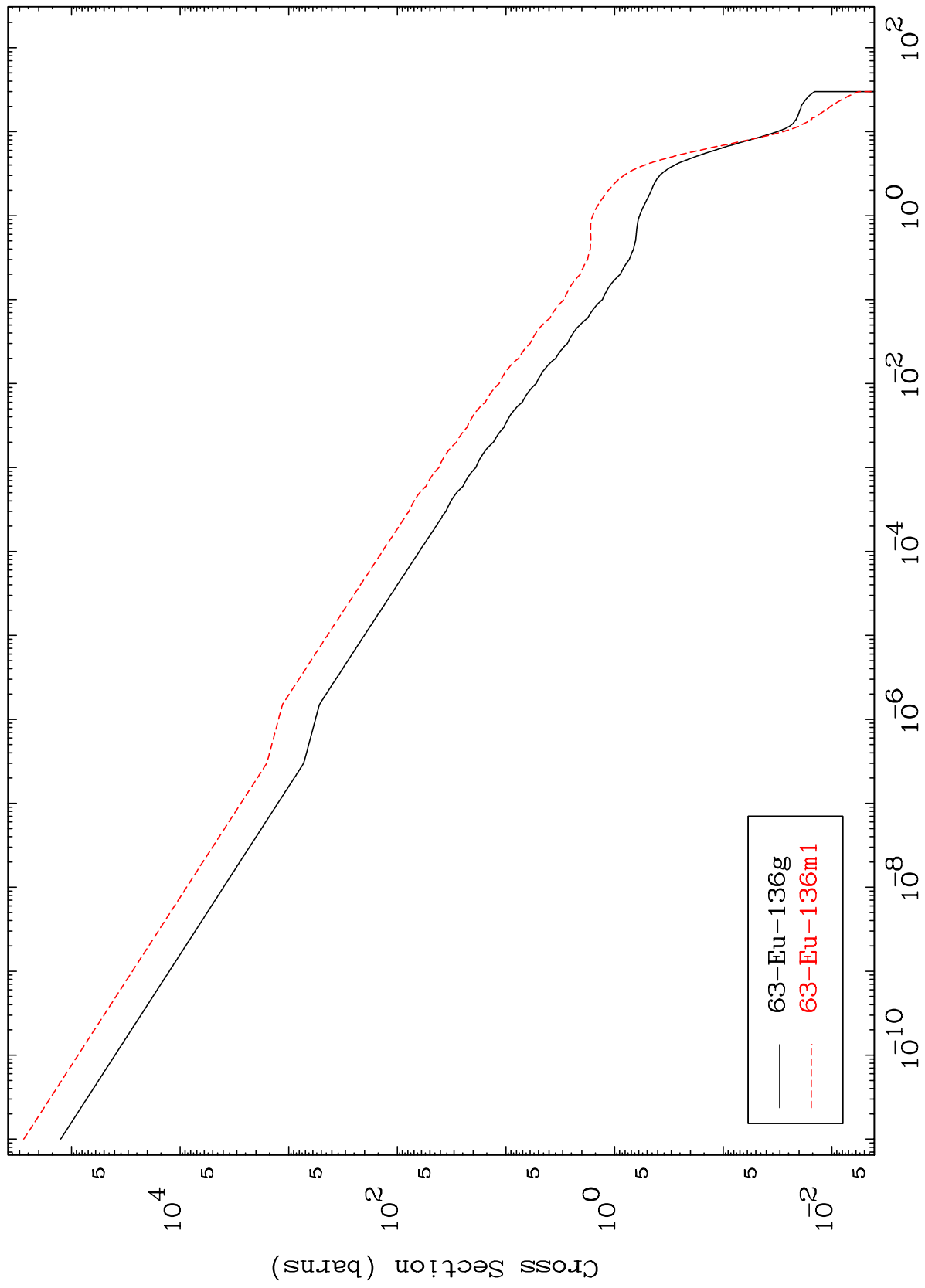
Incident Energy (MeV)

64-Gd-136

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64-Gd-136

(n,p)
Radionuclide Production Cross Section



24

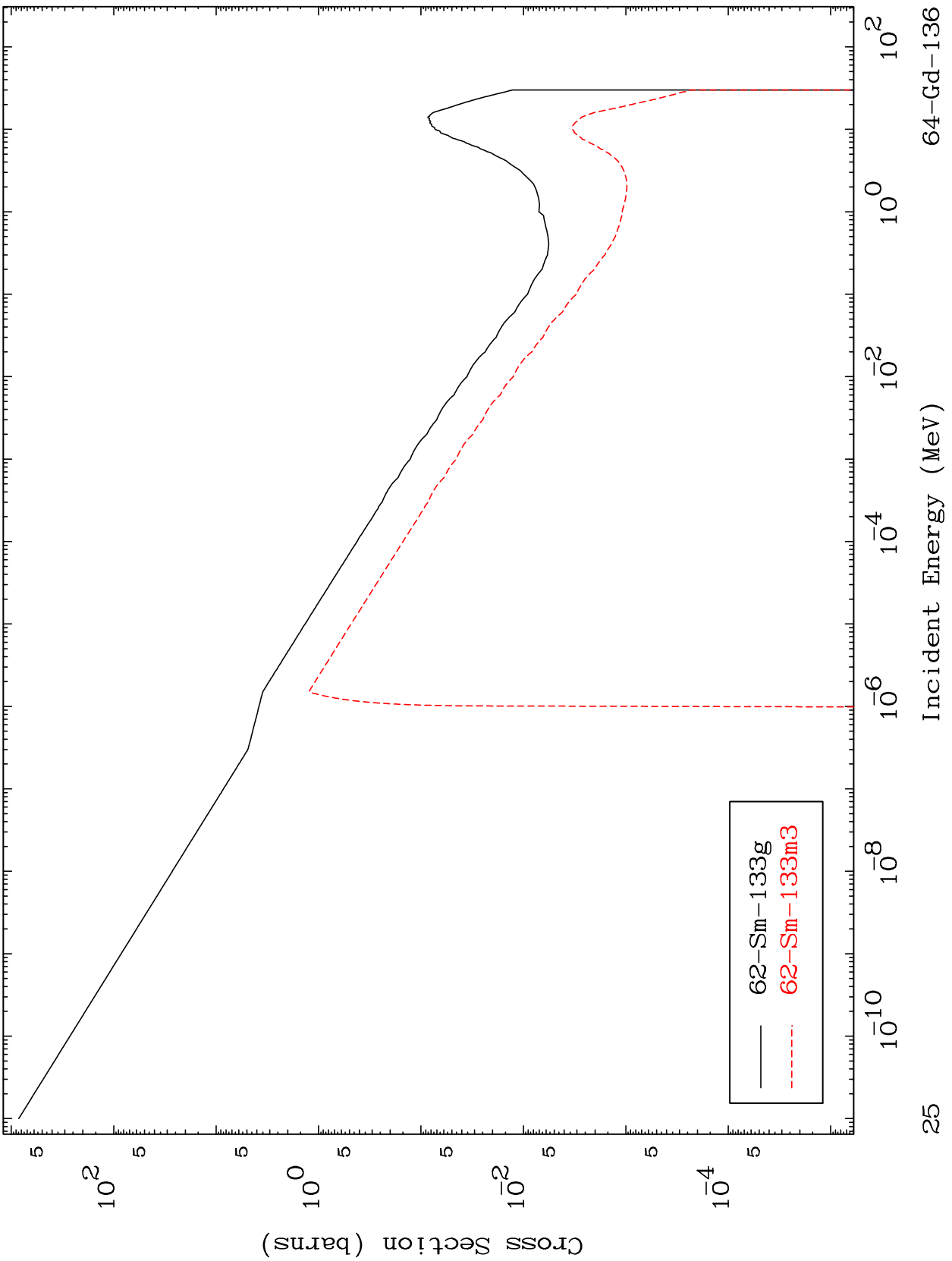
64-Gd-136

Incident Energy (MeV)

MAT 6377

64-Gd-136

Radionuclide Production Cross Section

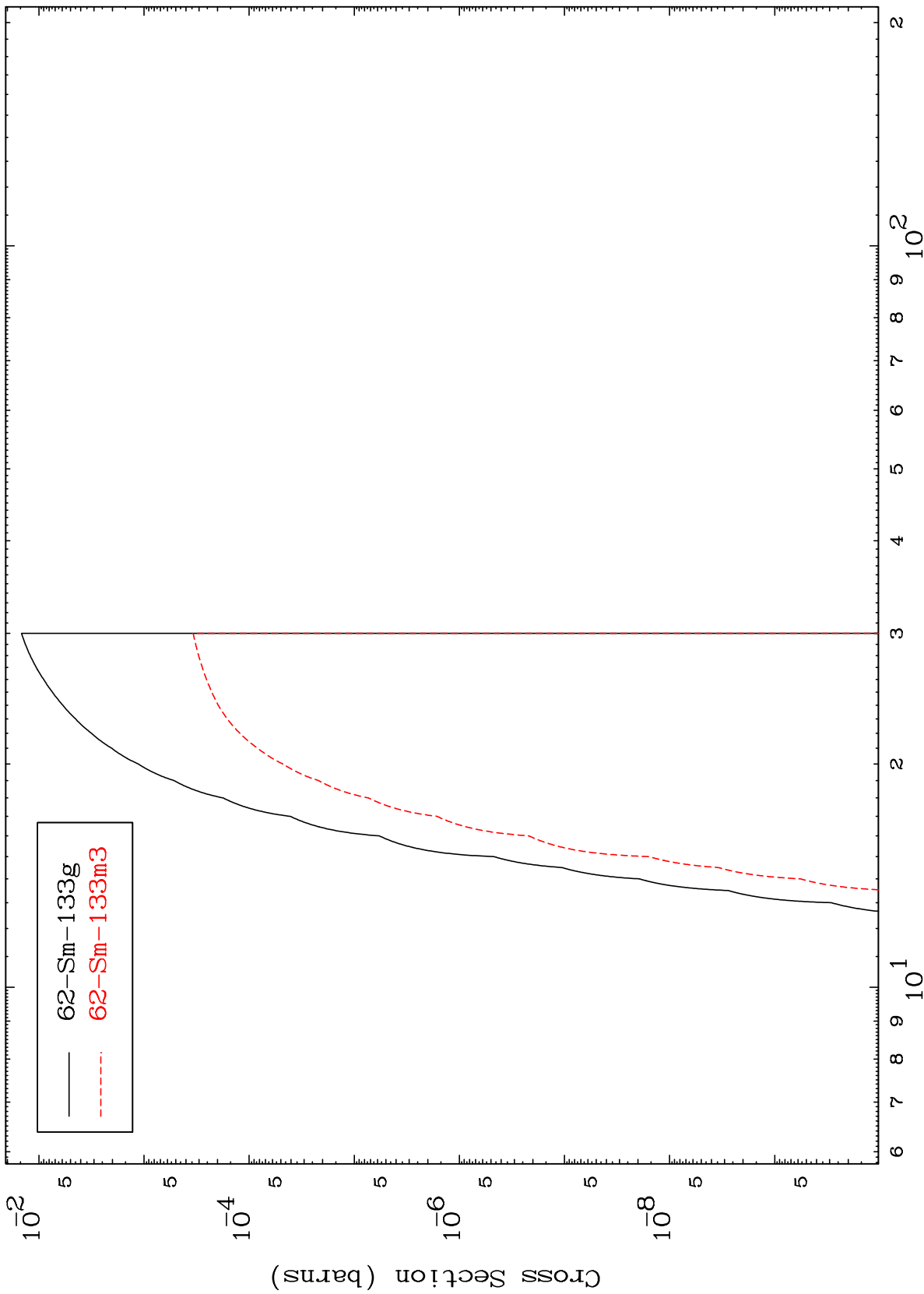


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(n,p) t

64-Gd-136

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

64-Gd-136