

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

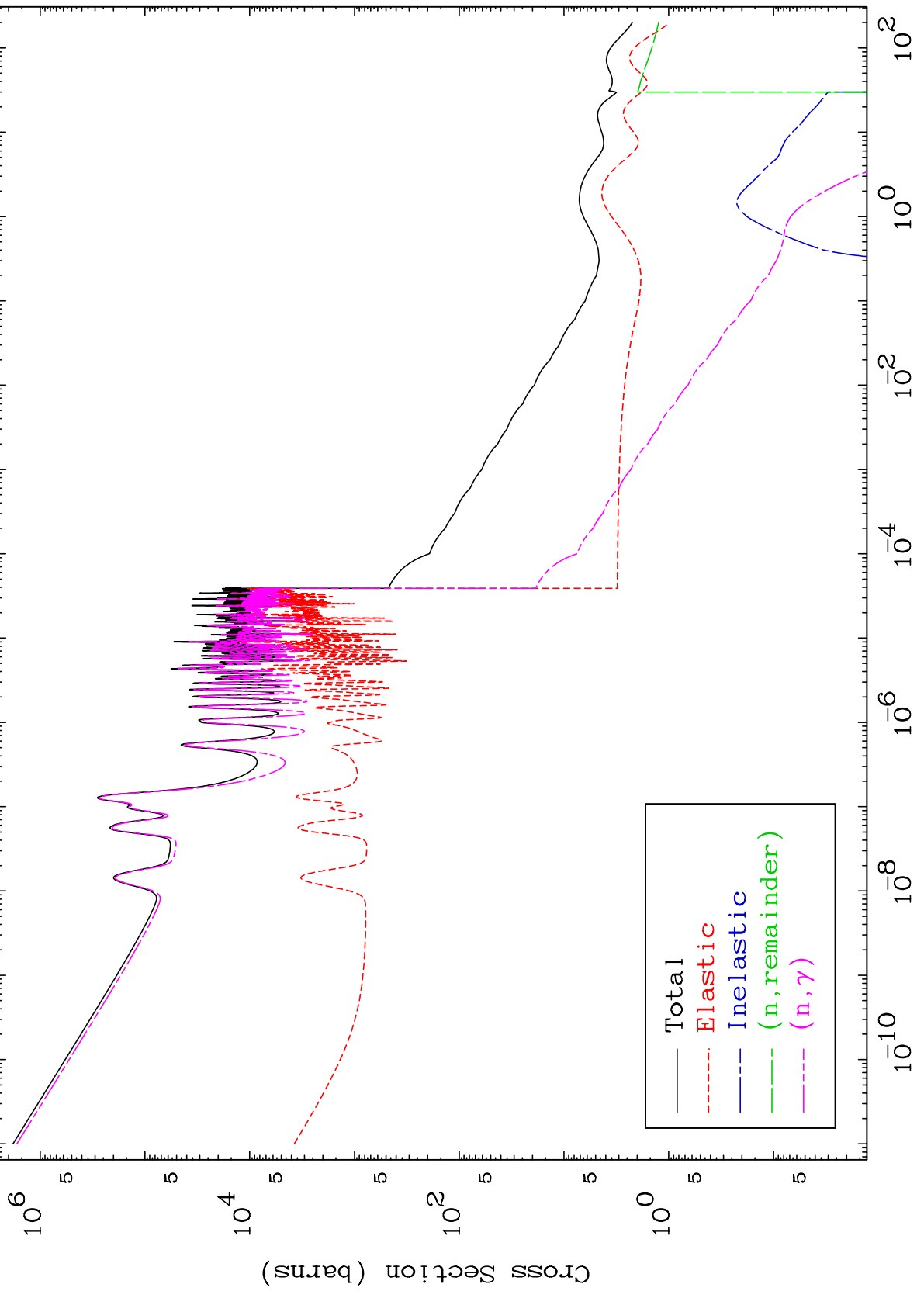
Press Mouse Button to Start

MAT 6283

Major

293 Kelvin Cross Sections

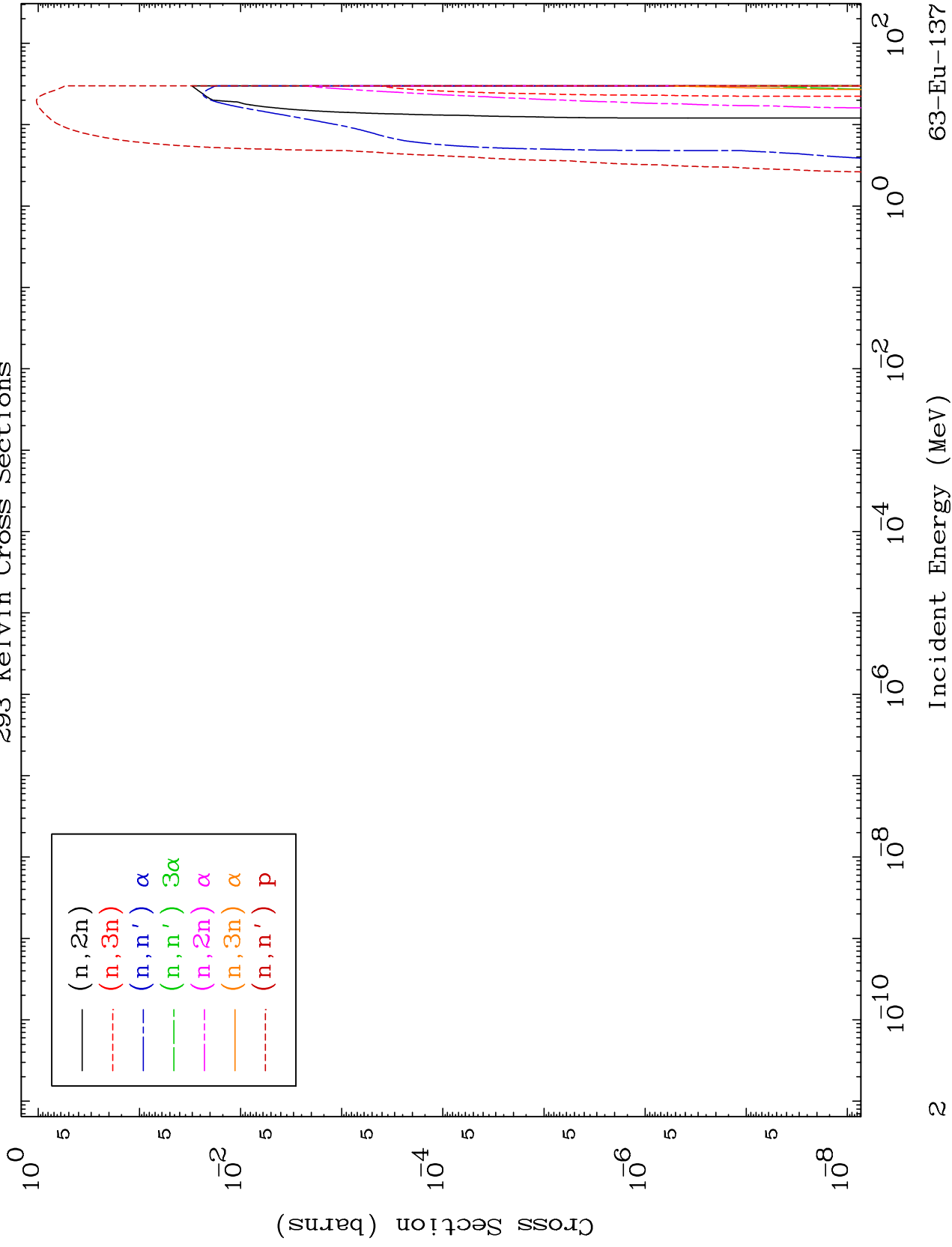
63-Eu-137



MAT 6283

Neutron Production
293 Kelvin Cross Sections

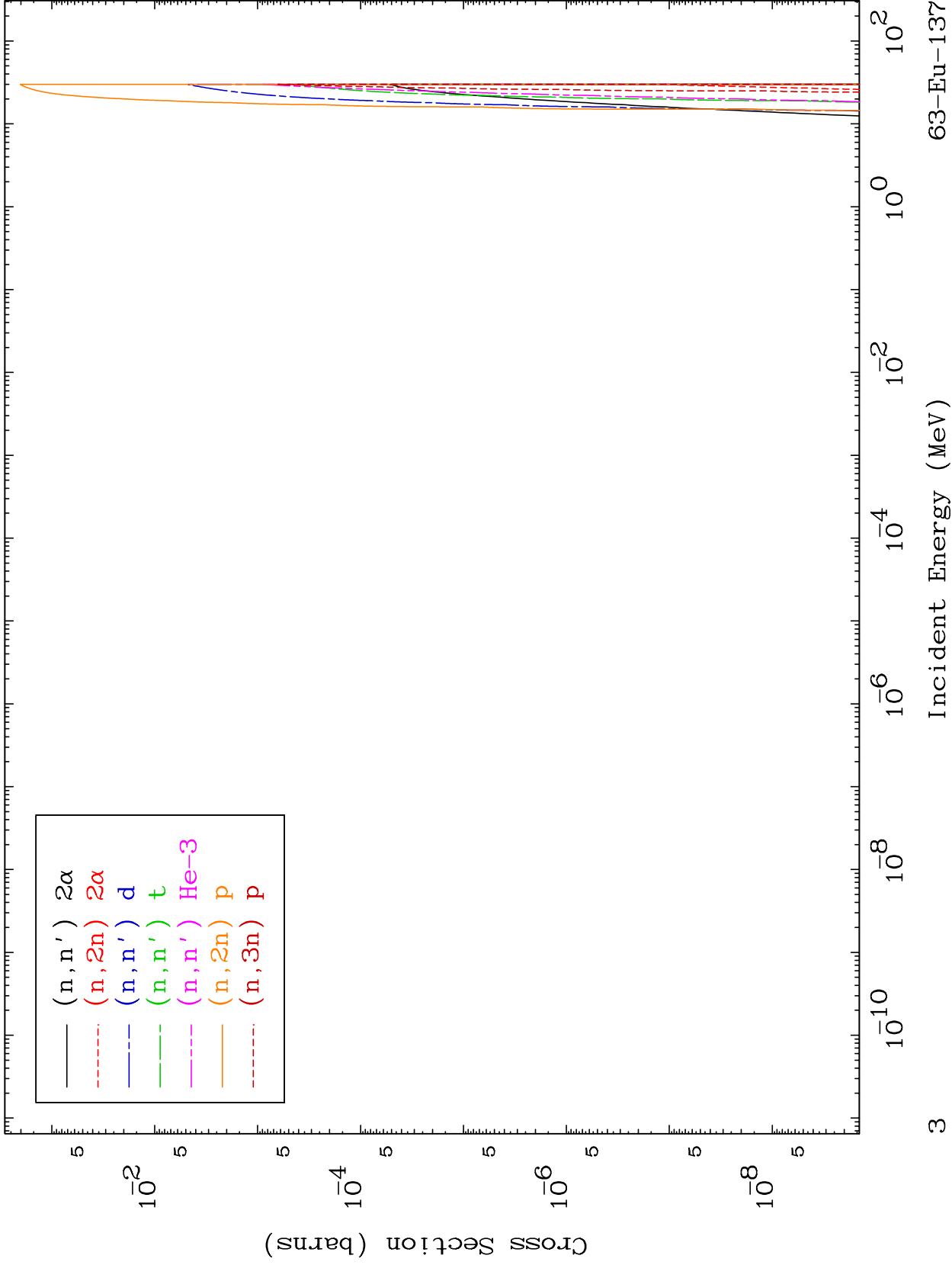
63-Eu-137



MAT 6283

Neutron Production
293 Kelvin Cross Sections

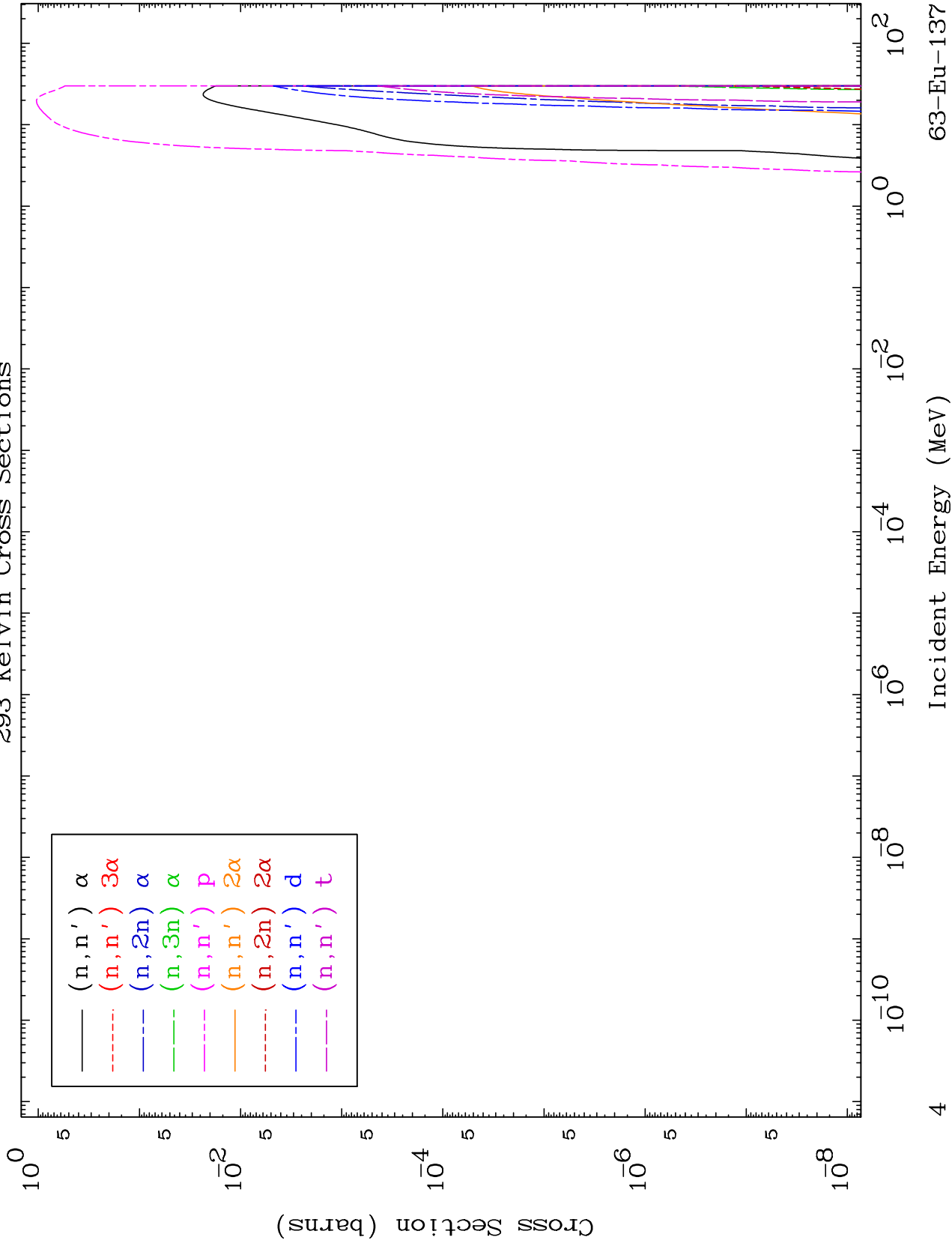
63-Eu-137



MAT 6283

Charged Particle
293 Kelvin Cross Sections

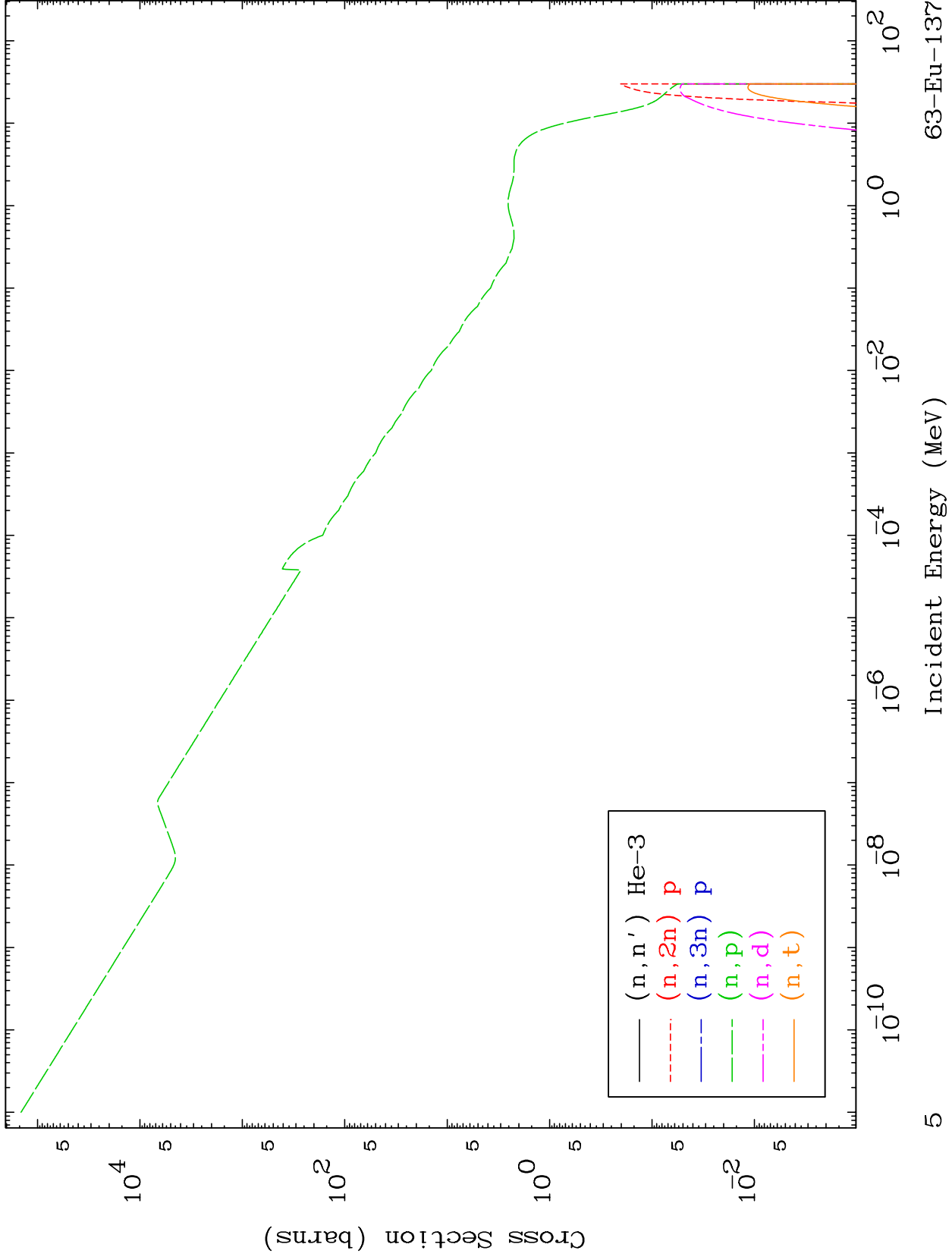
63-Eu-137



MAT 6283

Charged Particle
293 Kelvin Cross Sections

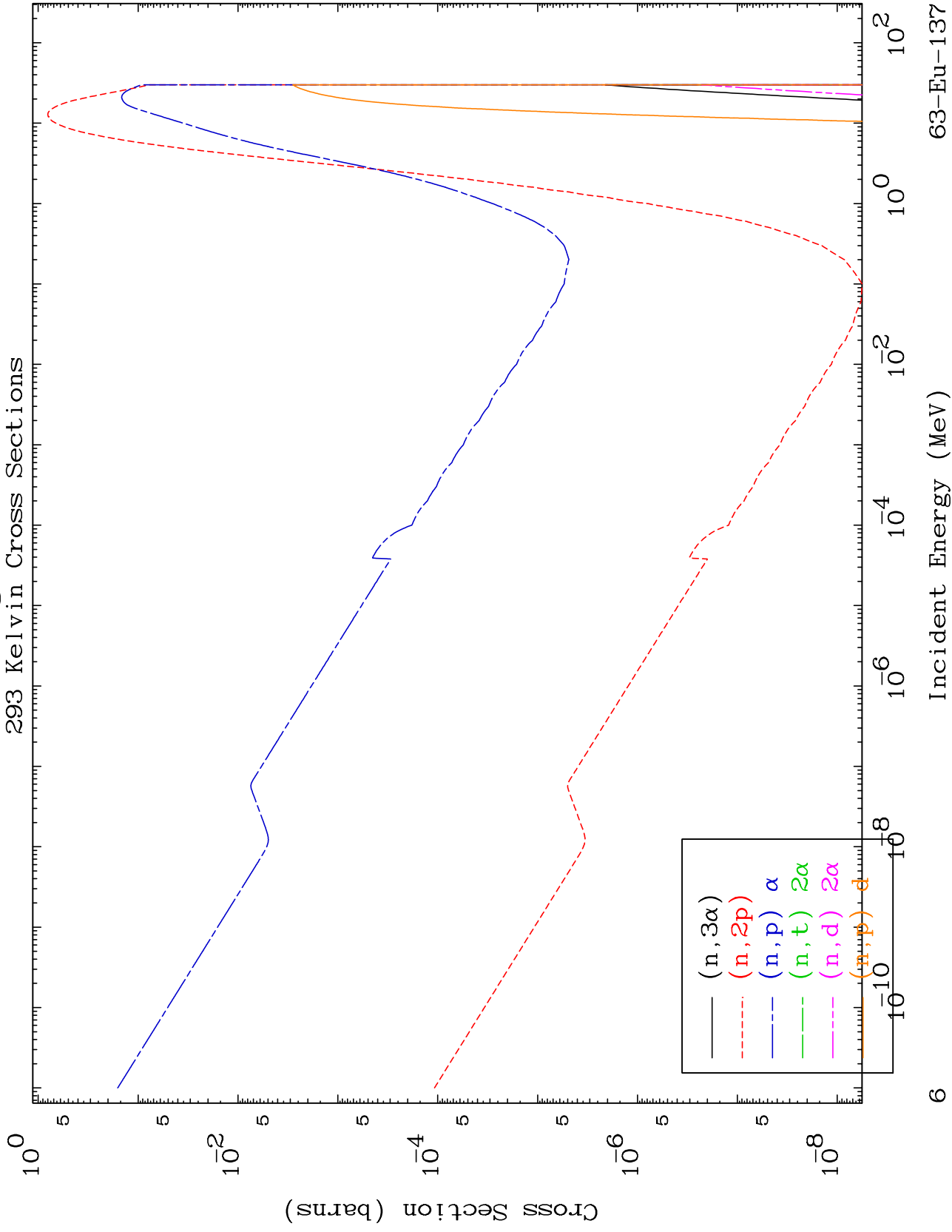
63-Eu-137



MAT 6283

Charged Particle
293 Kelvin Cross Sections

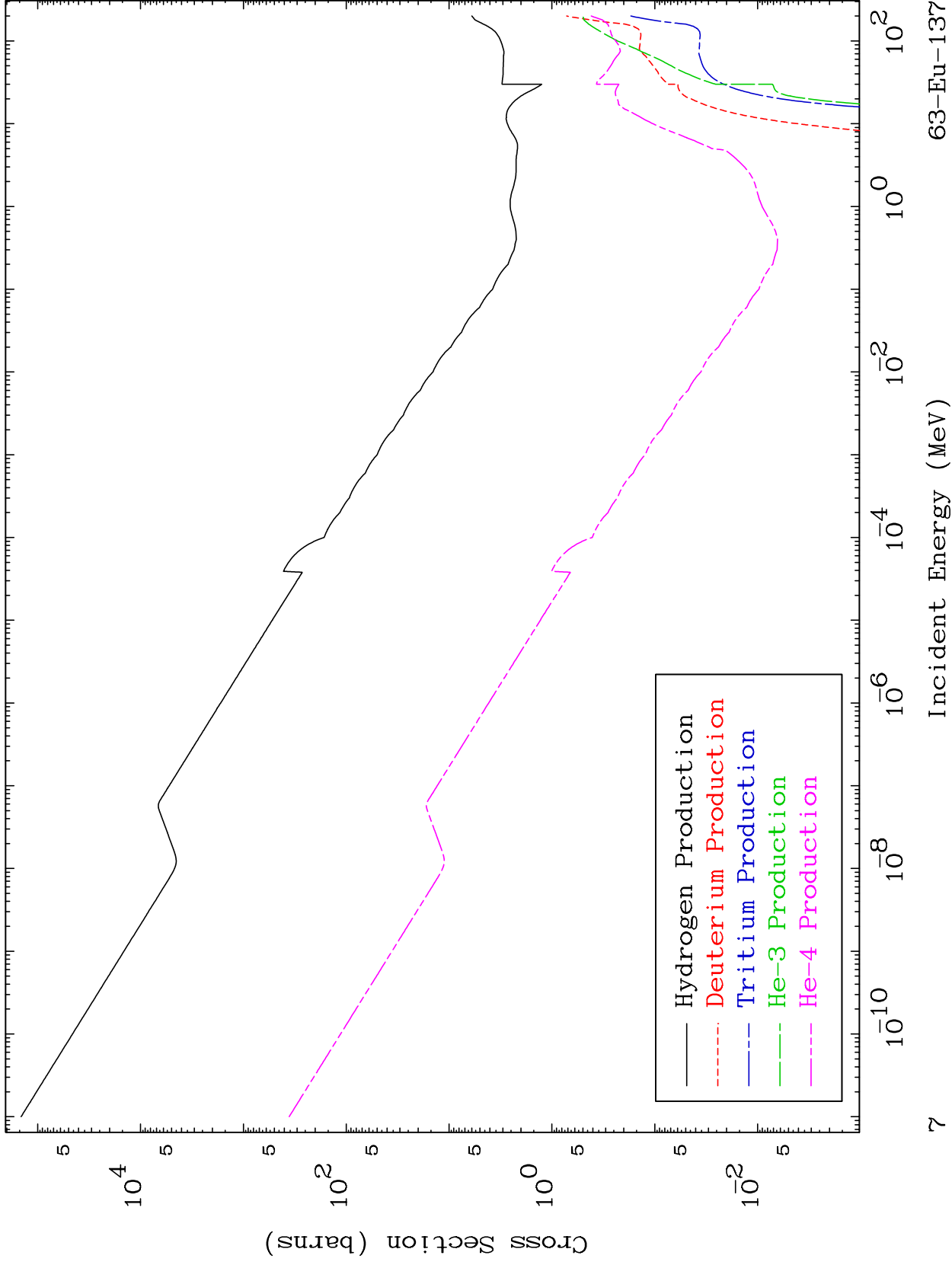
63-Eu-137

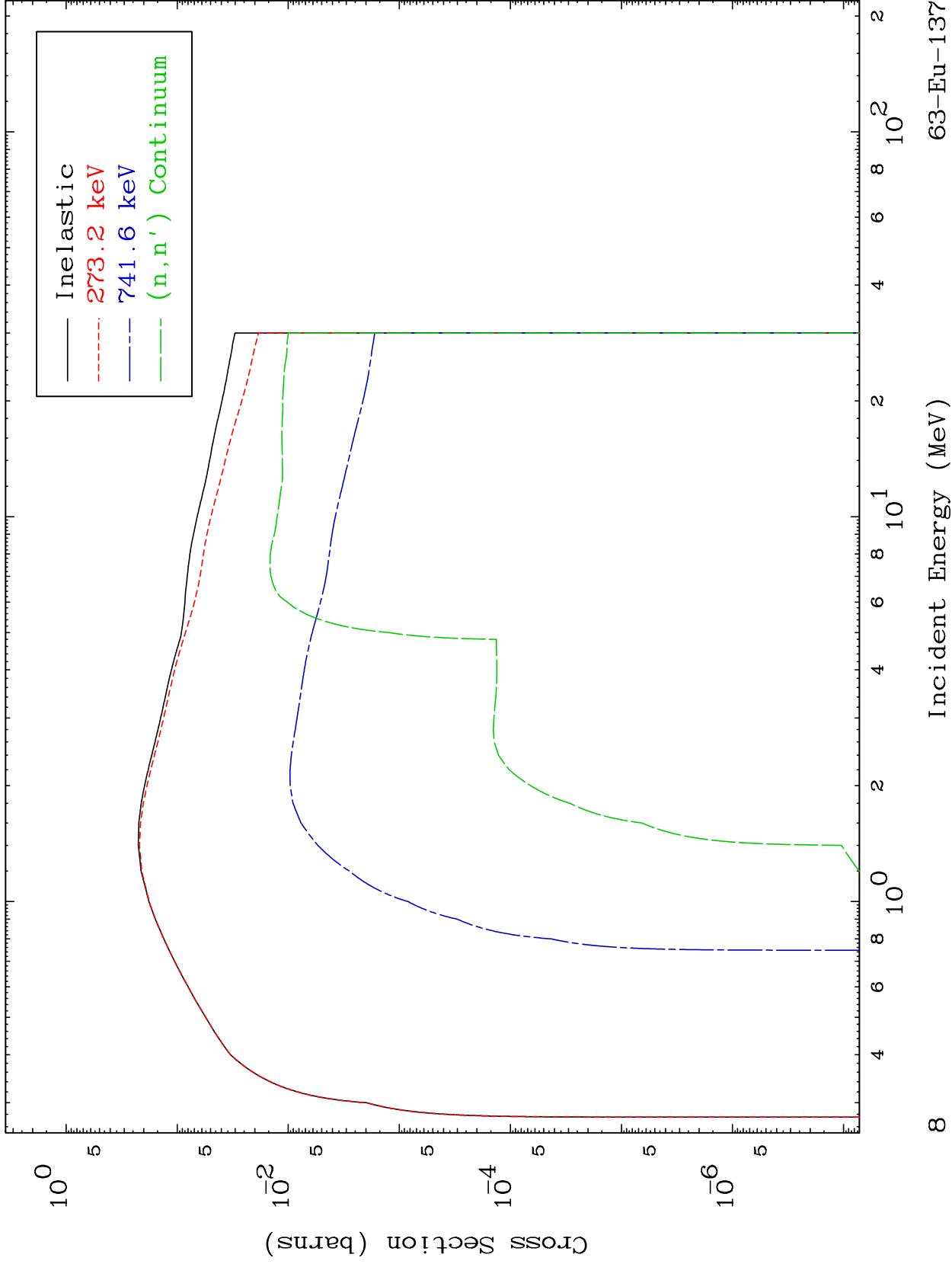


MAT 6283

Particle Production
293 Kelvin Cross Sections

63-Eu-137

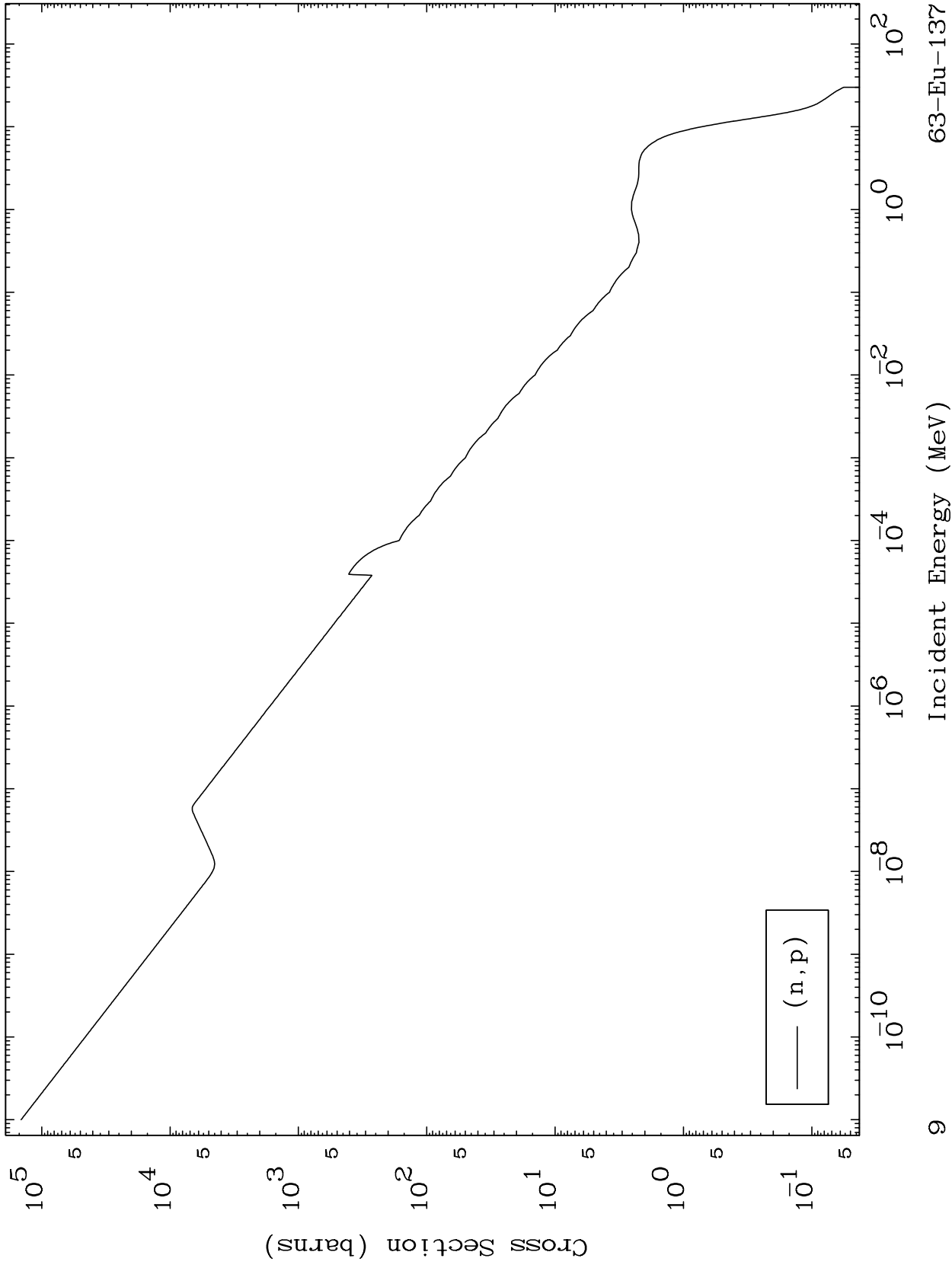




MAT 6283

(n,p) Levels
293 Kelvin Cross Sections

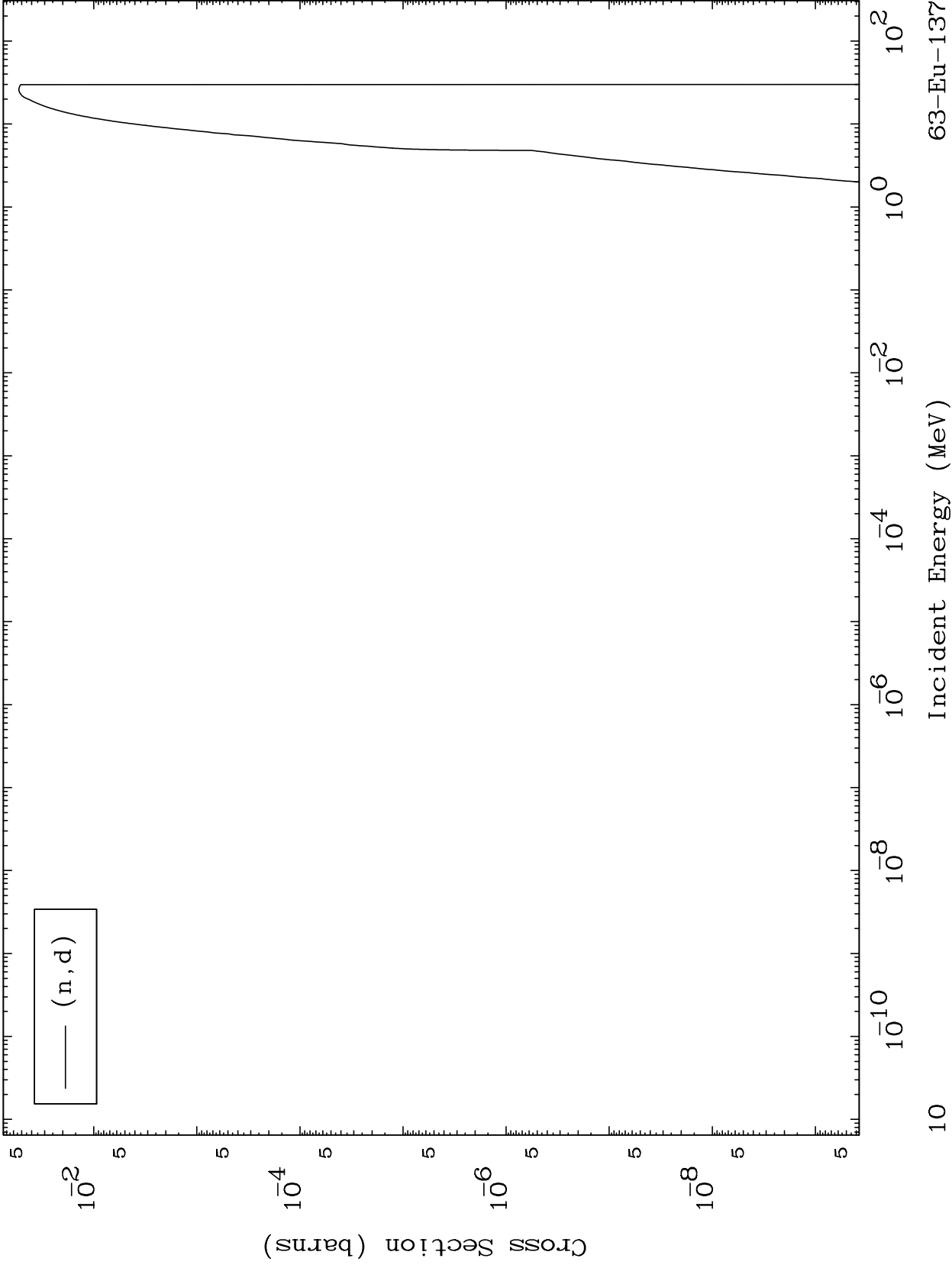
63-Eu-137



MAT 6283

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-137



10

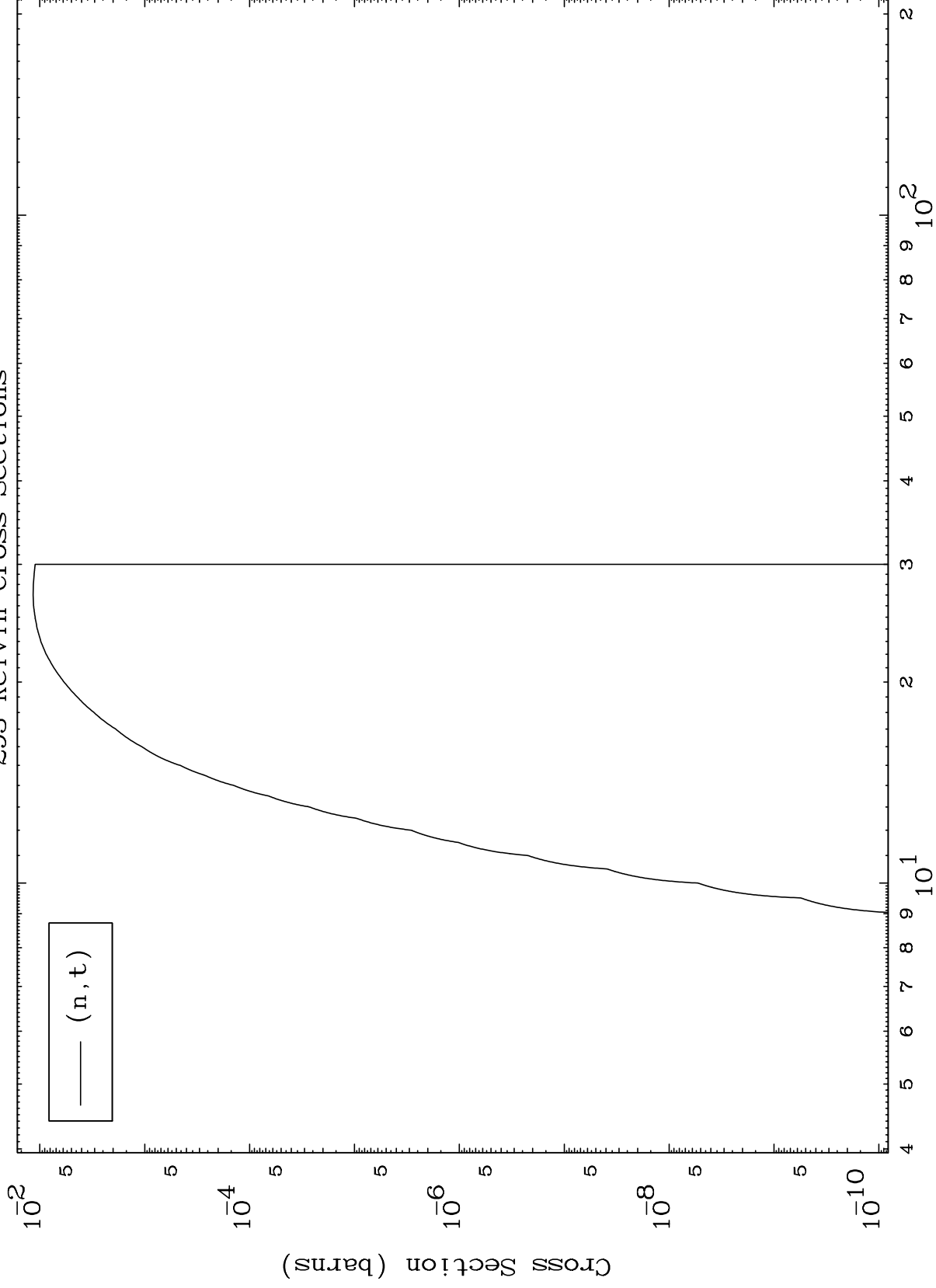
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-137



(n,t)

11

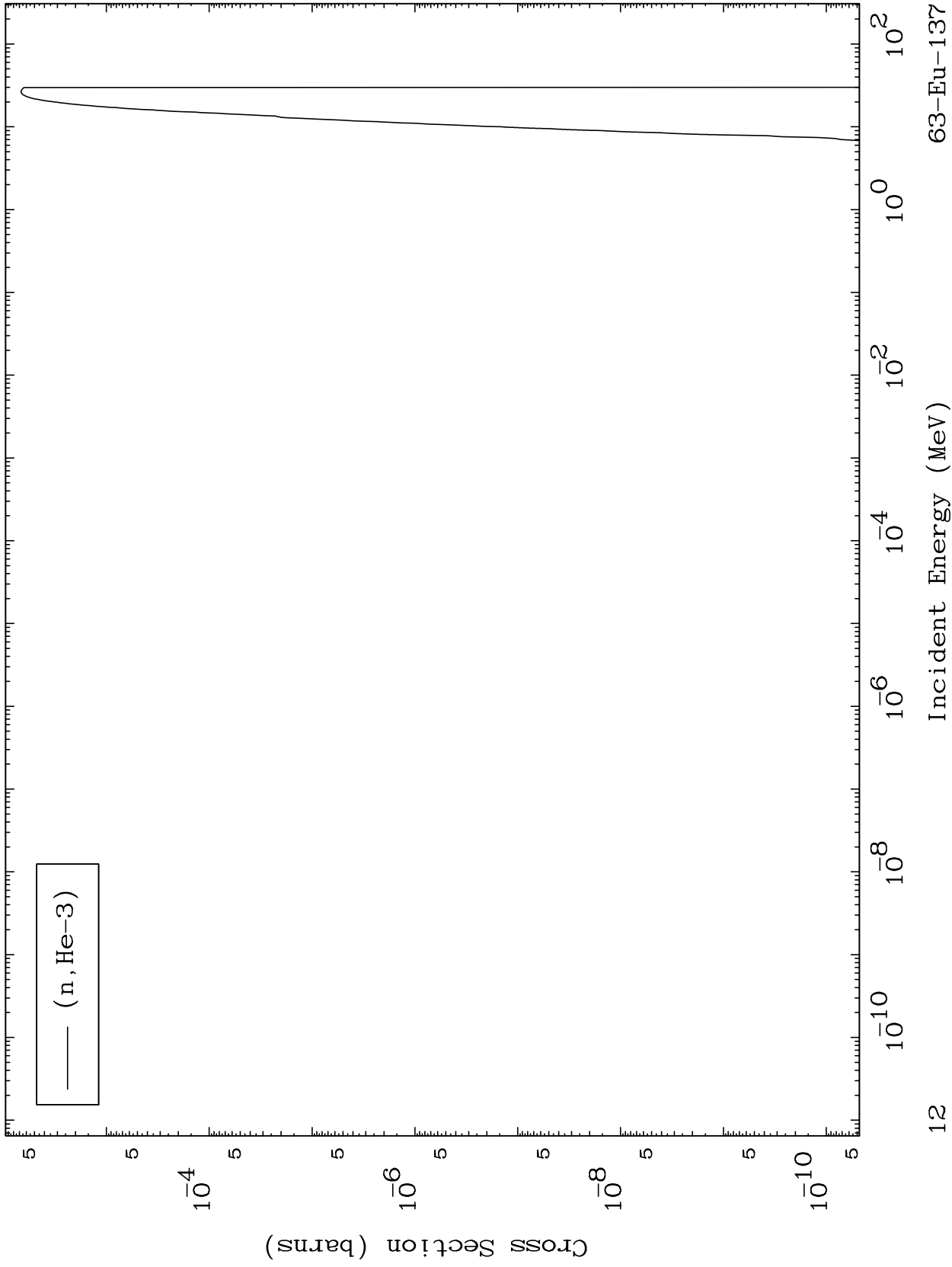
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-137



12

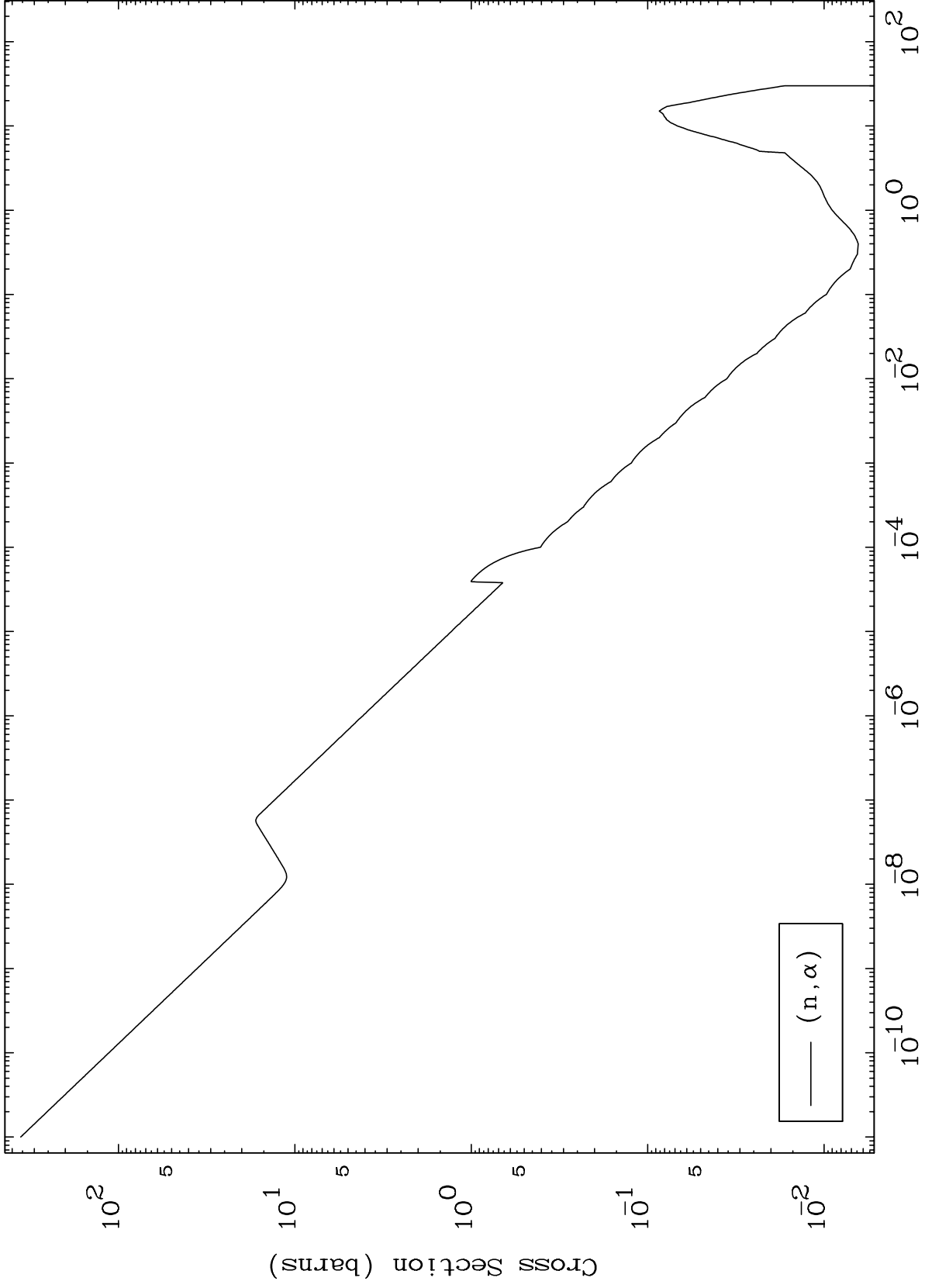
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,α) Levels
293 Kelvin Cross Sections

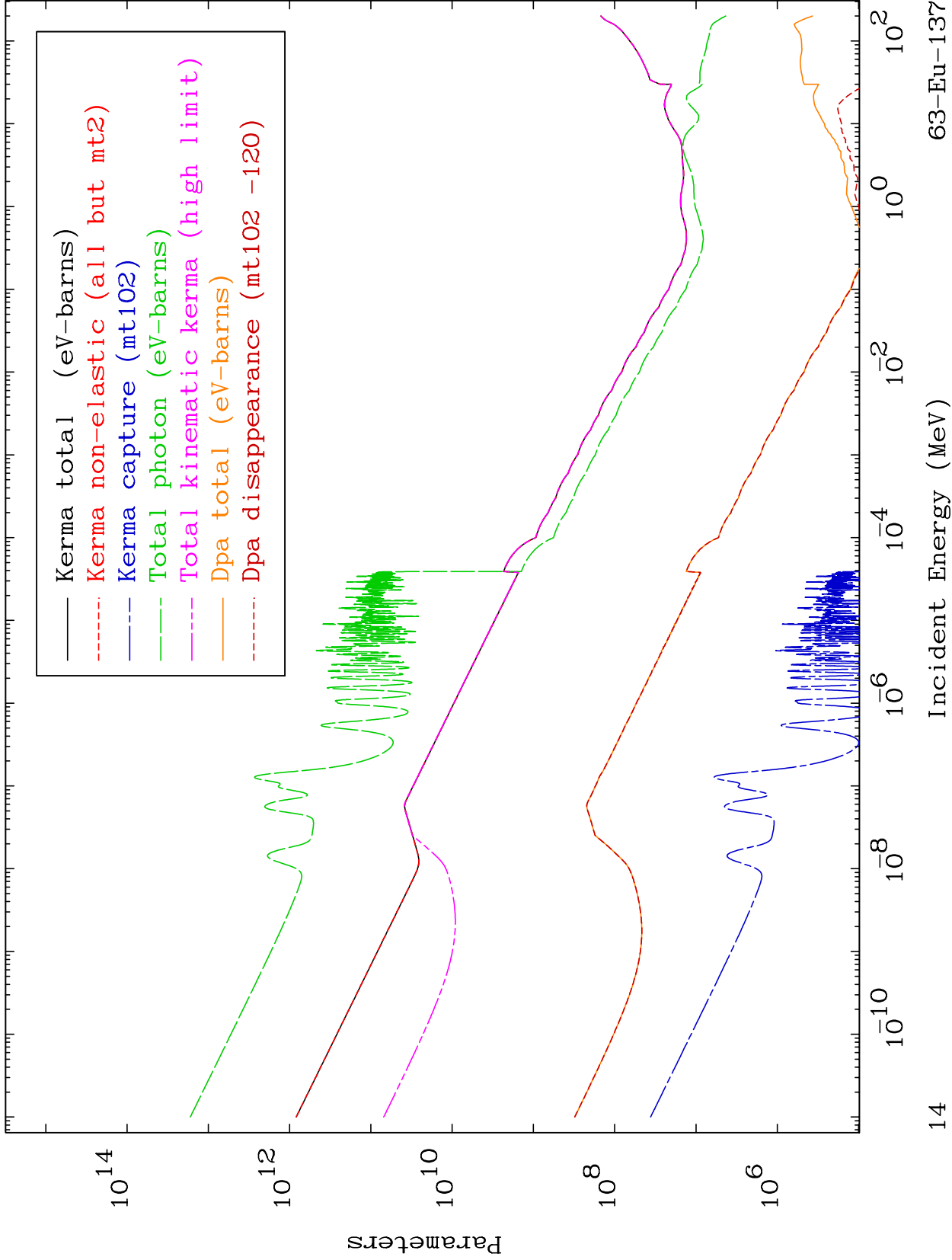
63-Eu-137



13

Incident Energy (MeV)

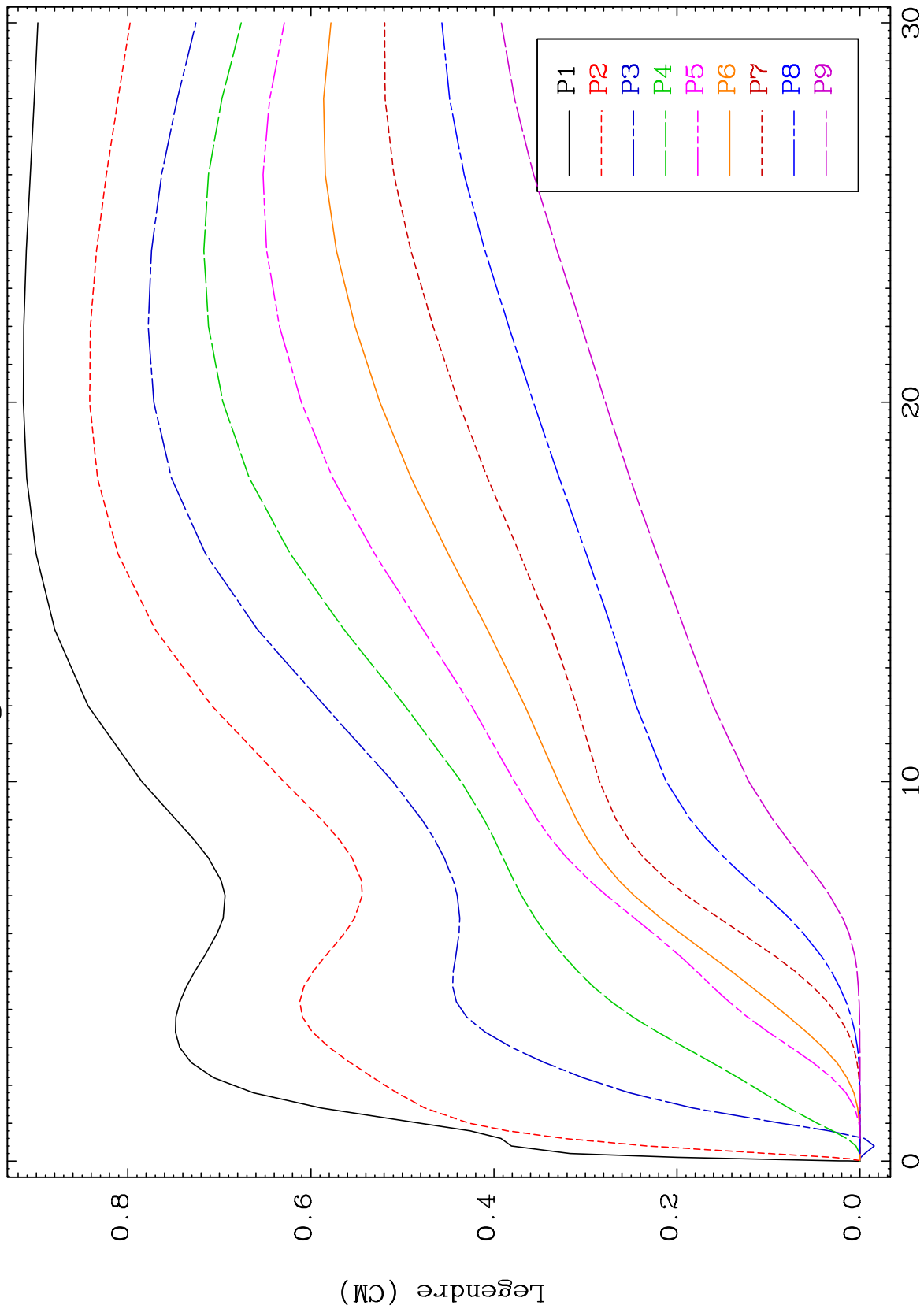
63-Eu-137



MAT 6283

Elastic Legendre Coefficients

63-Eu-137



63-Eu-137

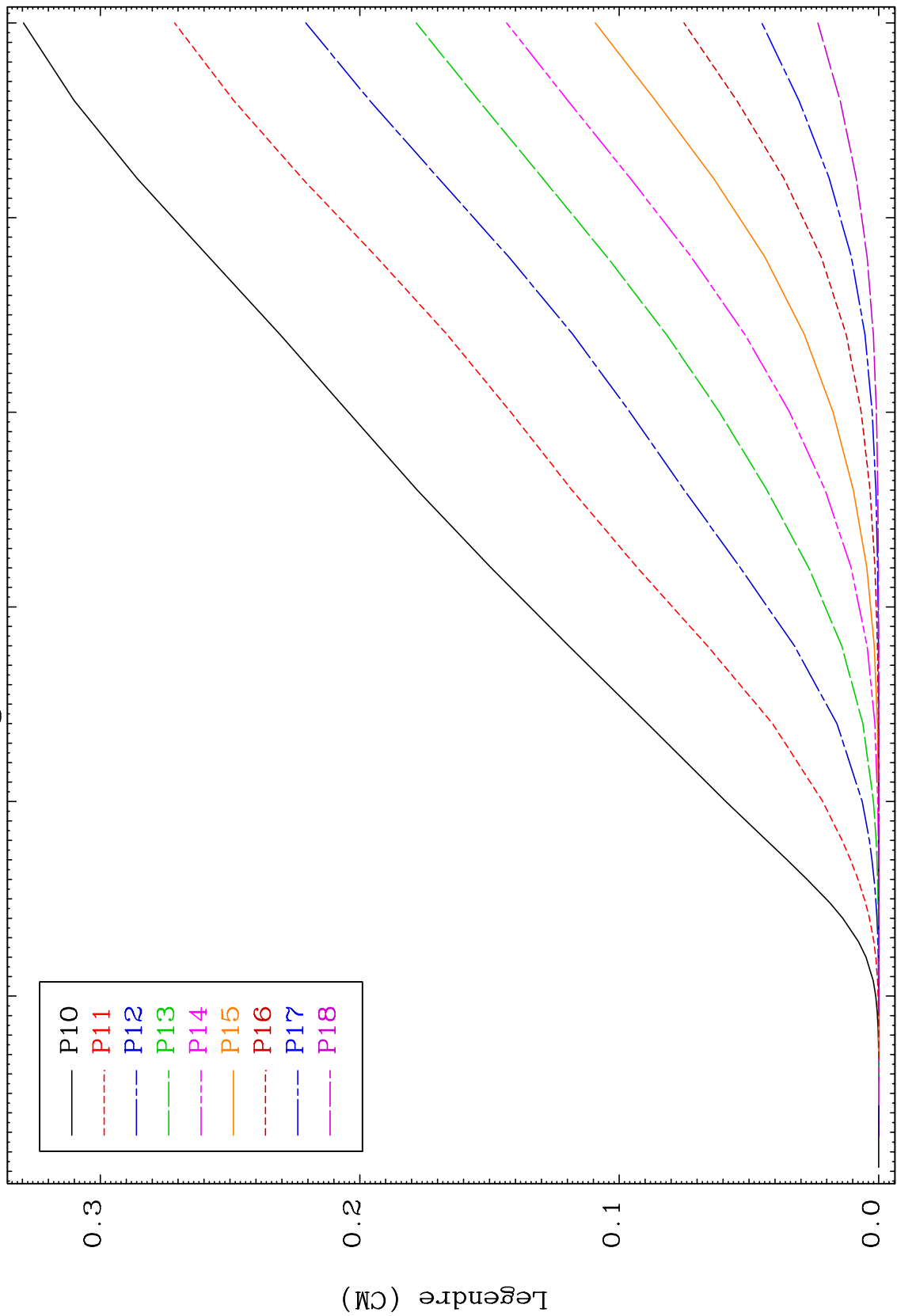
Incident Energy (MeV)

15

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



16

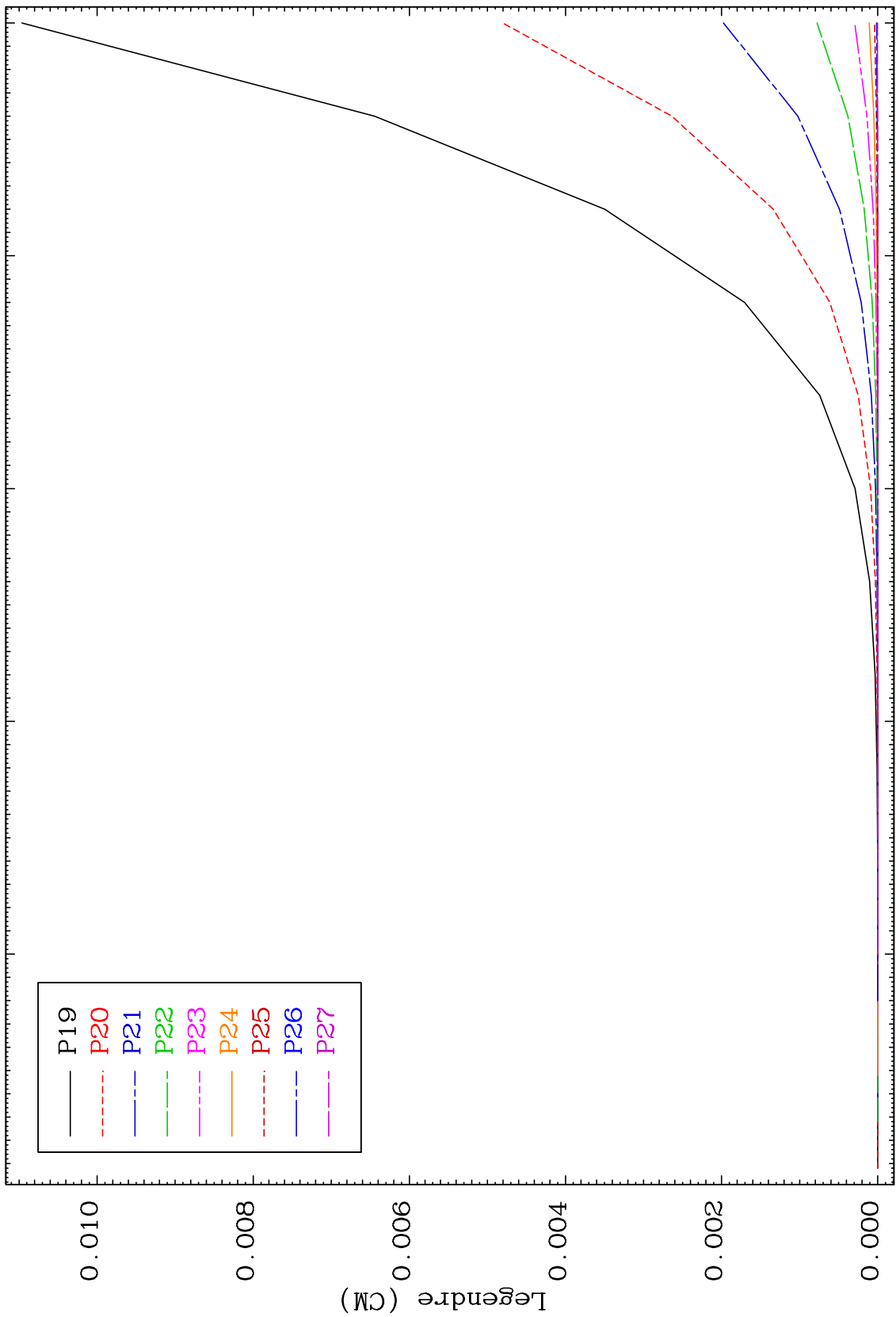
Incident Energy (MeV)

63-Eu-137

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



17

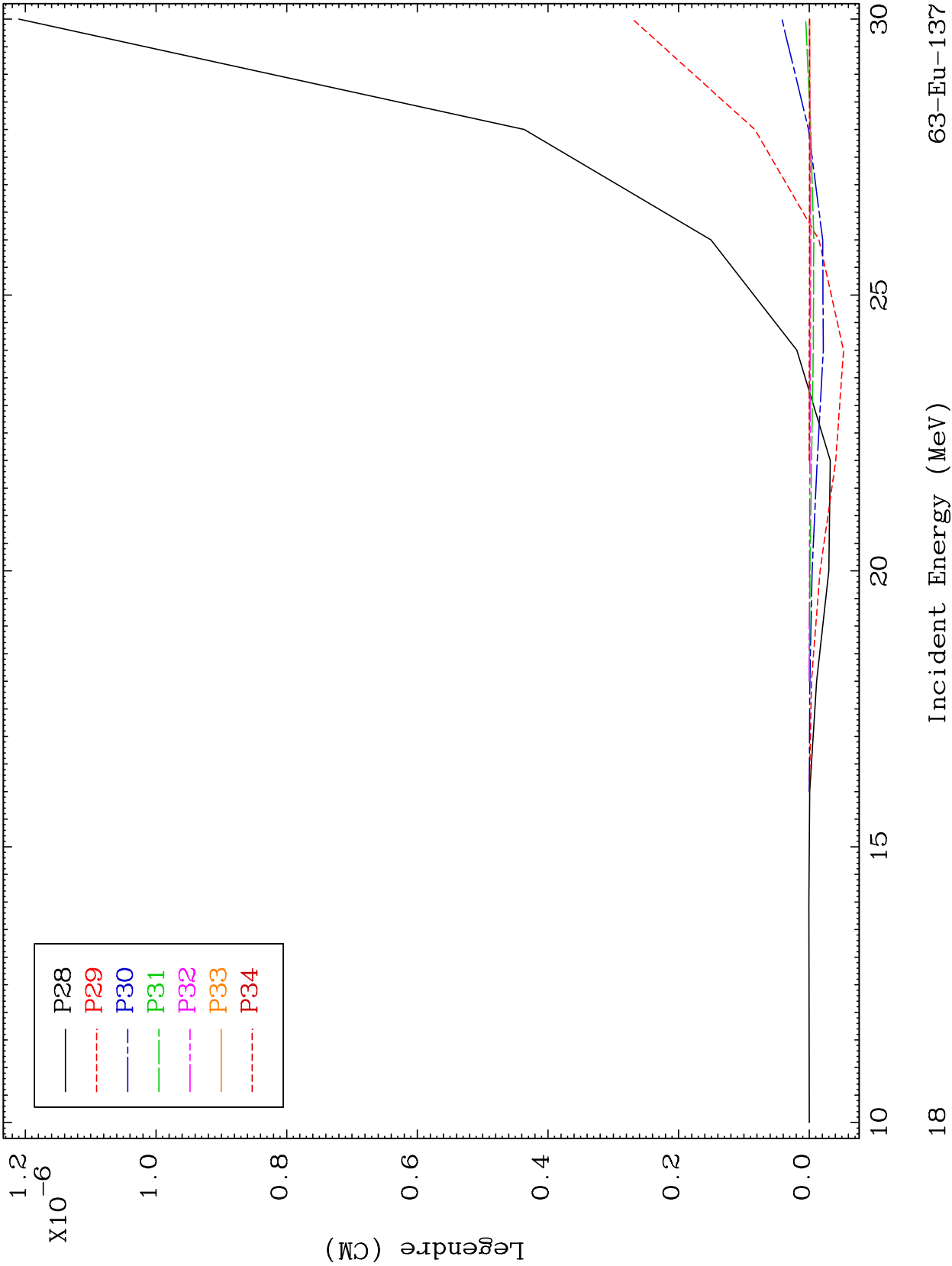
Incident Energy (MeV)

63-Eu-137

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



63-Eu-137

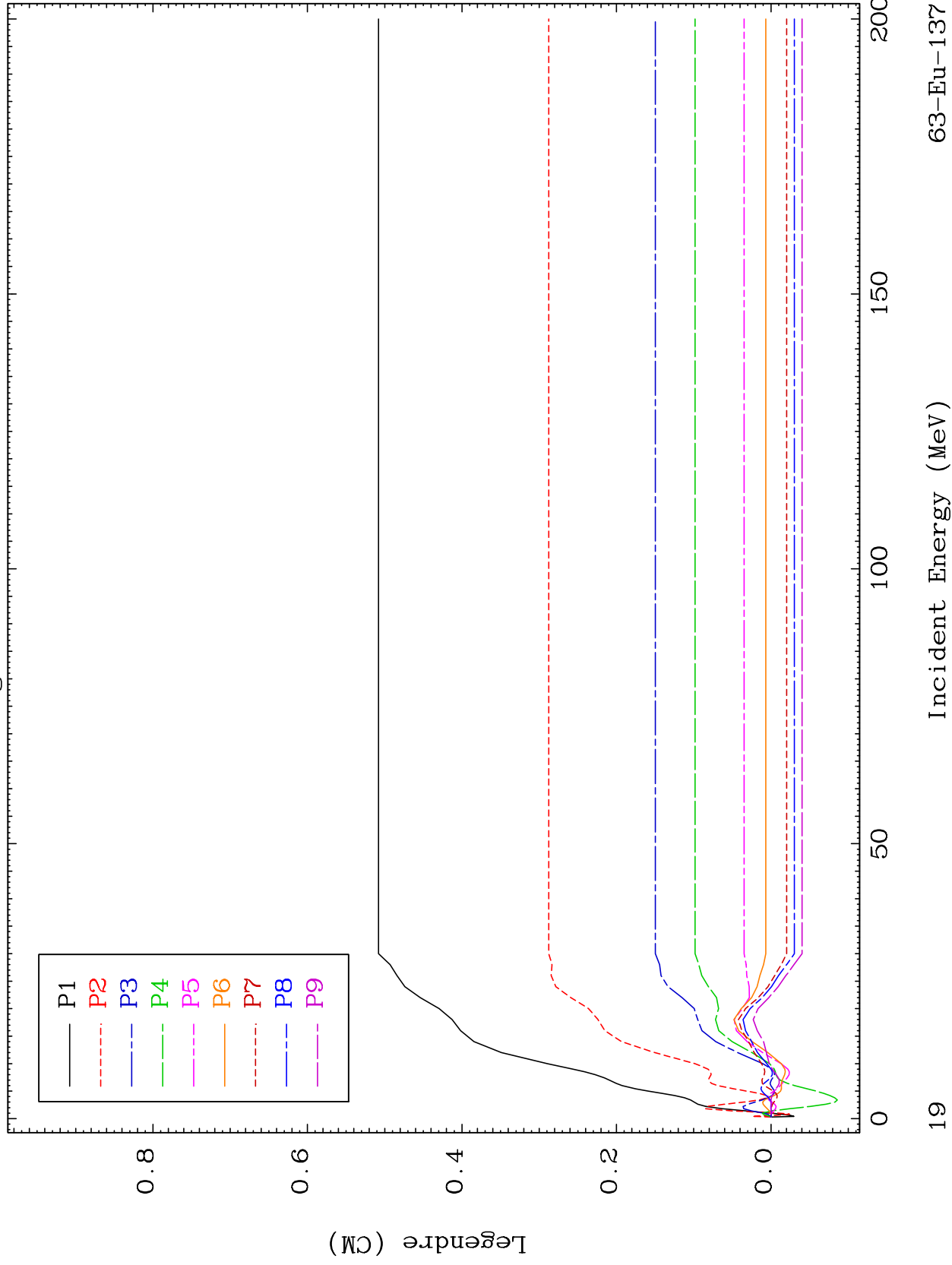
Incident Energy (MeV)

18

MAT 6283

273.2 keV (n,n') Level
Legendre Coefficients

63-Eu-137



63-Eu-137

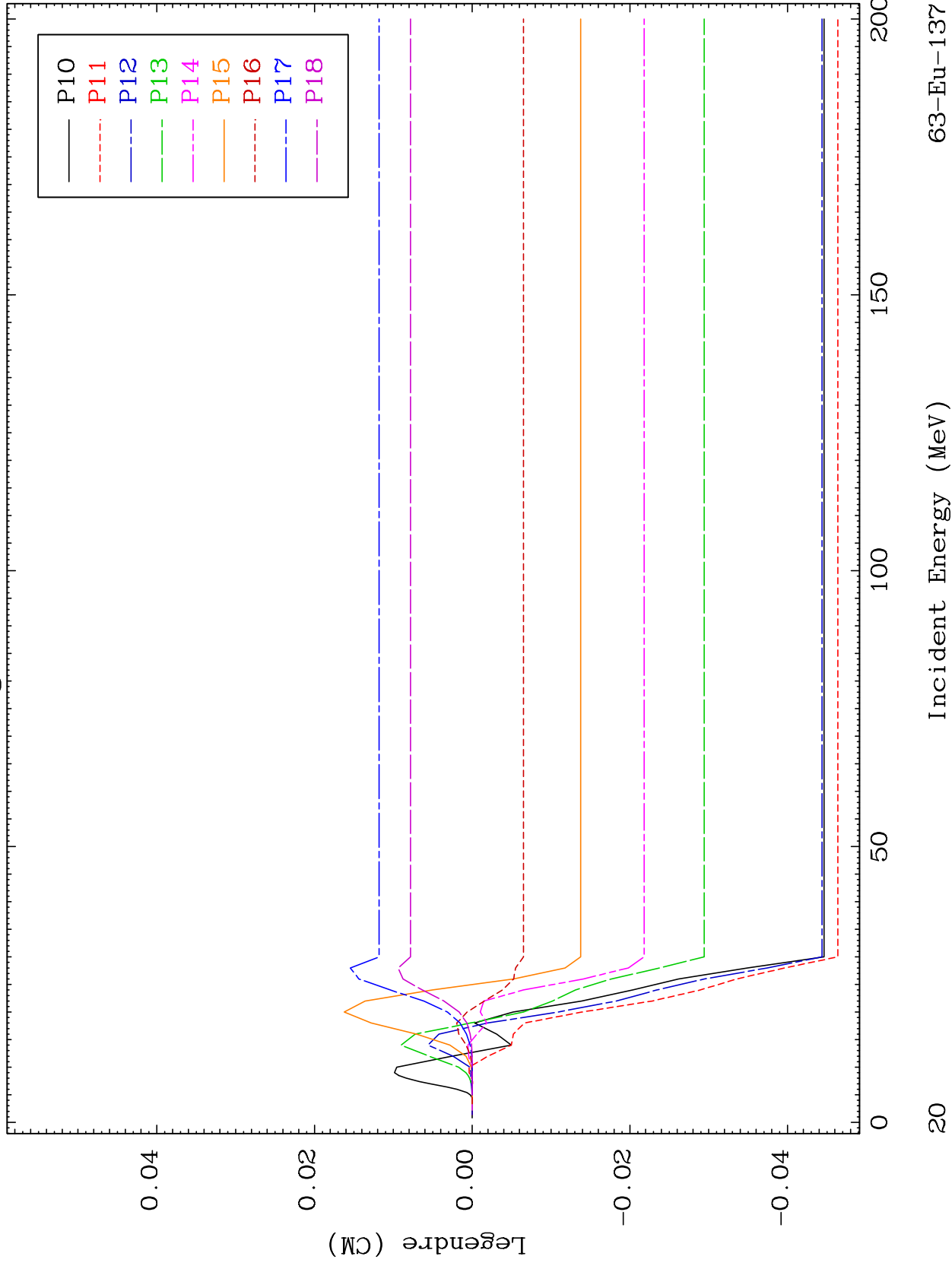
Incident Energy (MeV)

19

MAT 6283

273.2 keV (n,n') Level
Legendre Coefficients

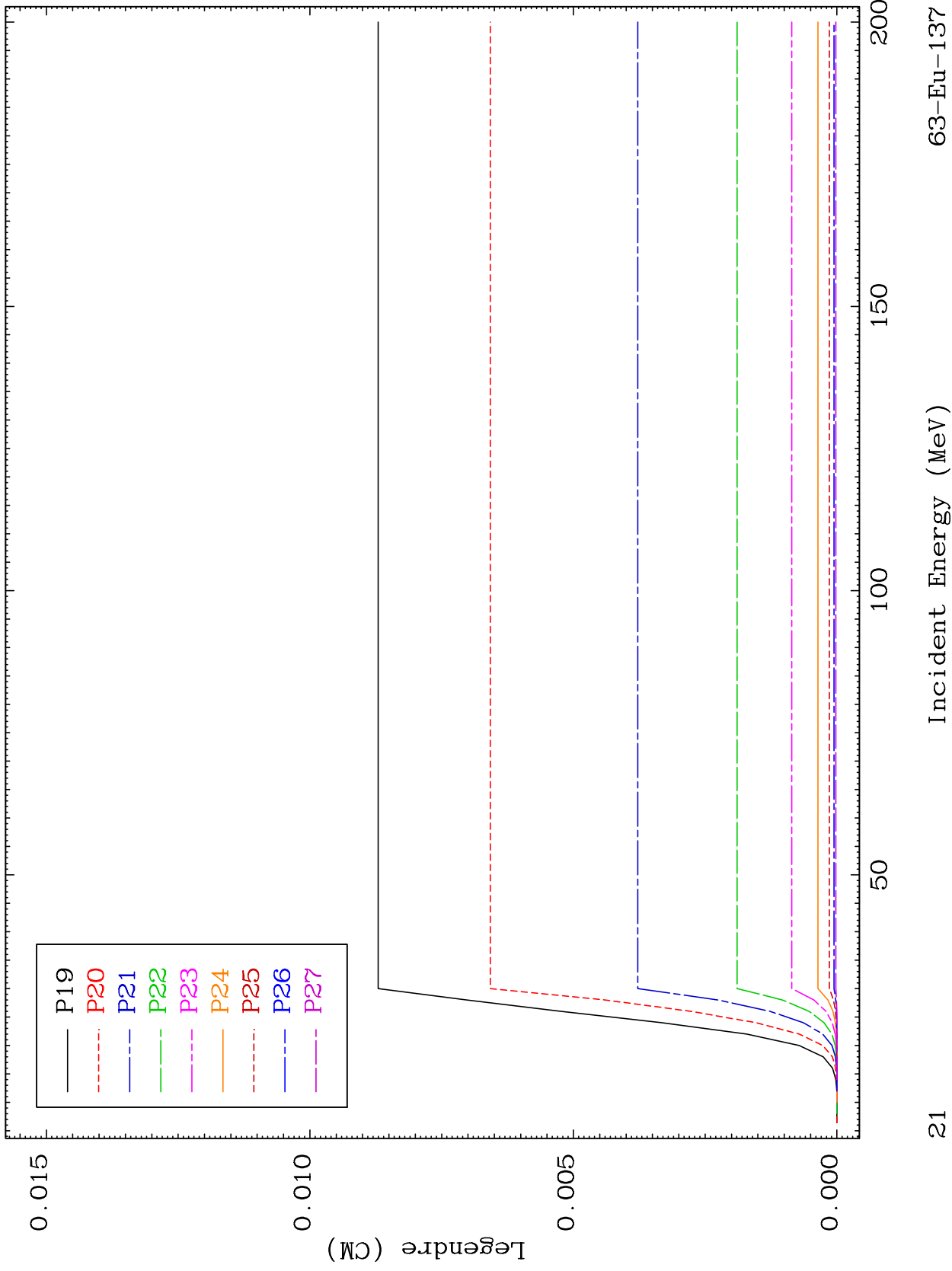
63-Eu-137



63-Eu-137

Incident Energy (MeV)

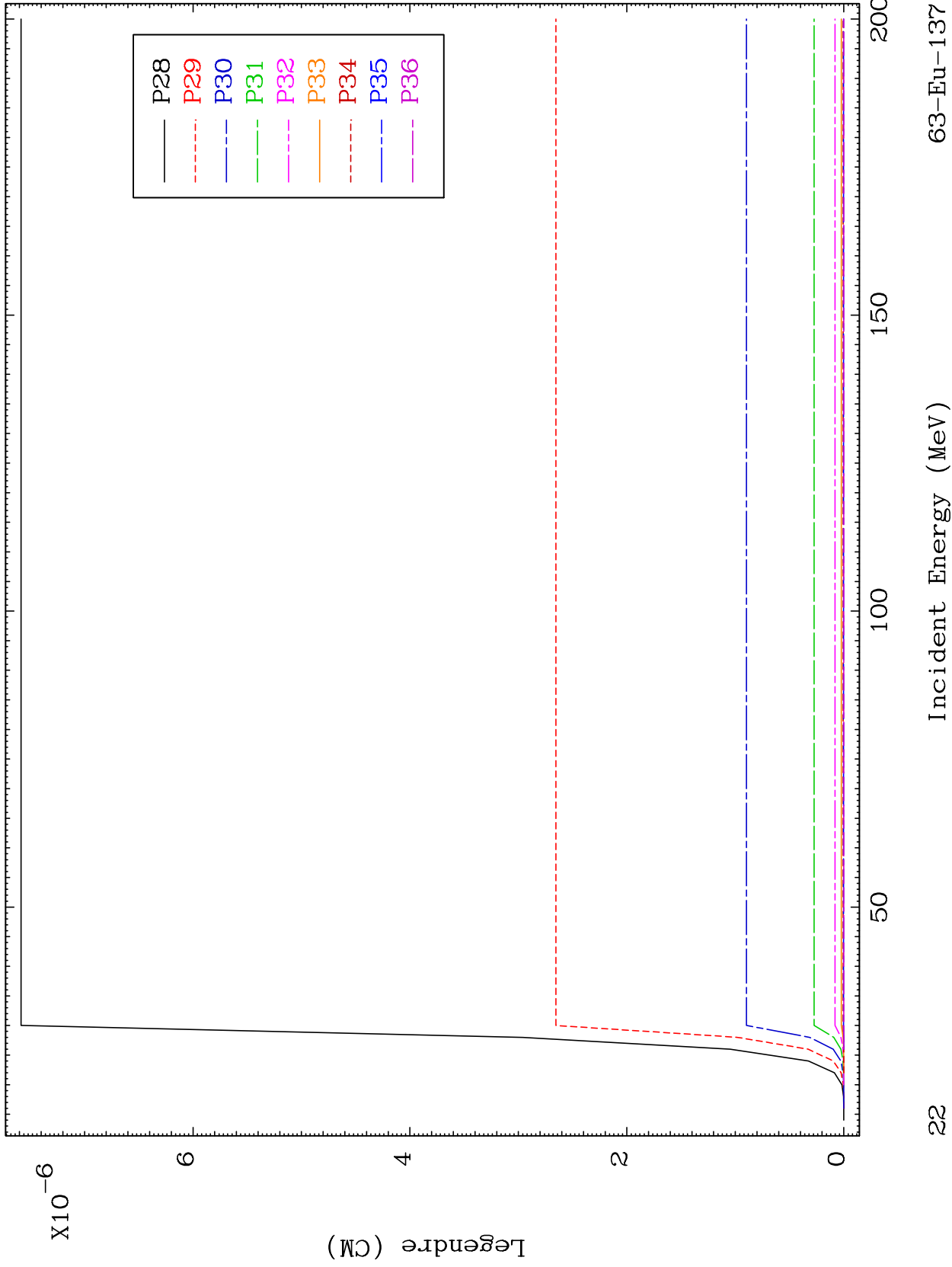
20



MAT 6283

273.2 keV (n,n') Level
Legendre Coefficients

63-Eu-137



22

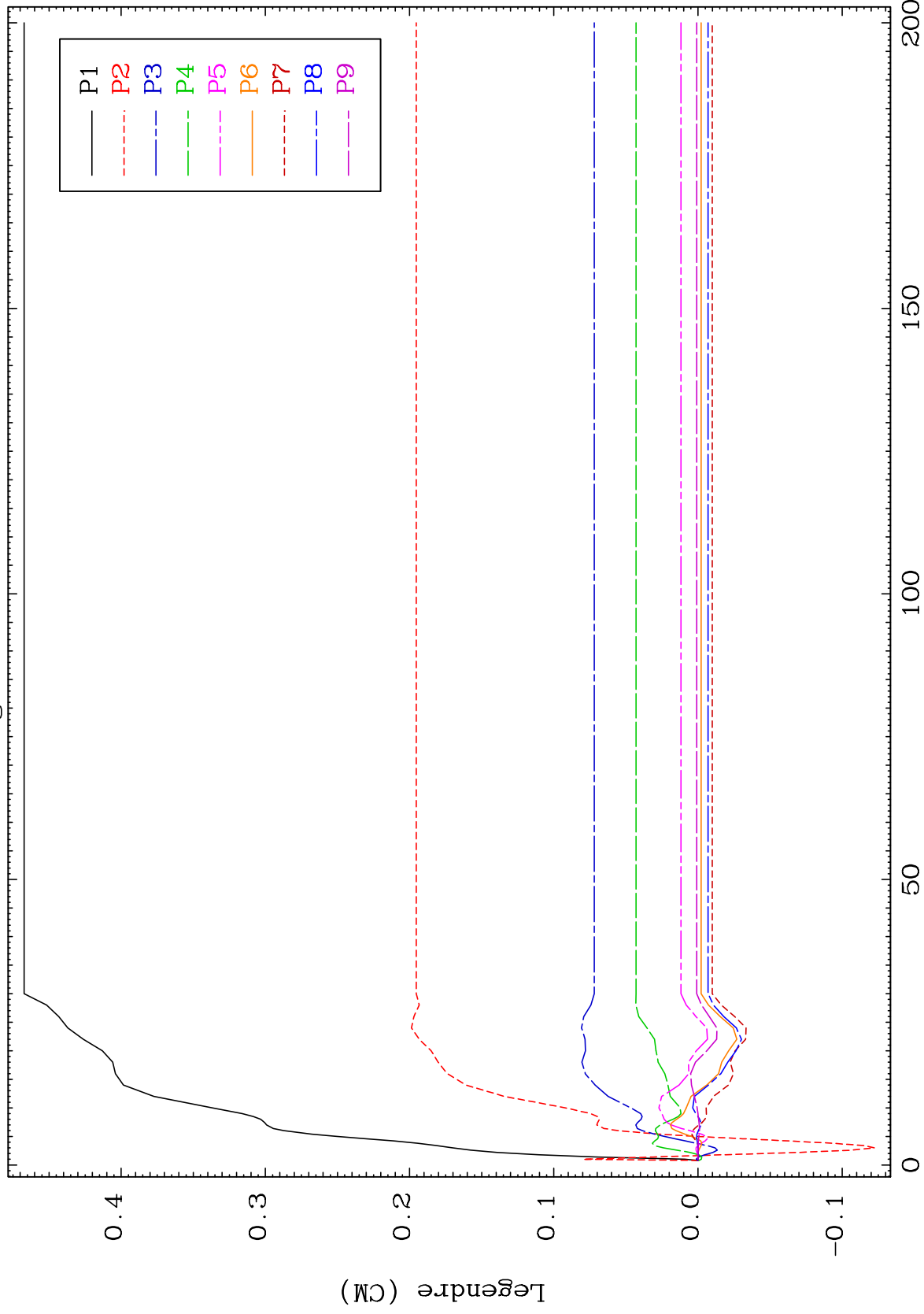
Incident Energy (MeV)

63-Eu-137

MAT 6283

741.6 keV (n,n') Level
Legendre Coefficients

63-Eu-137



23

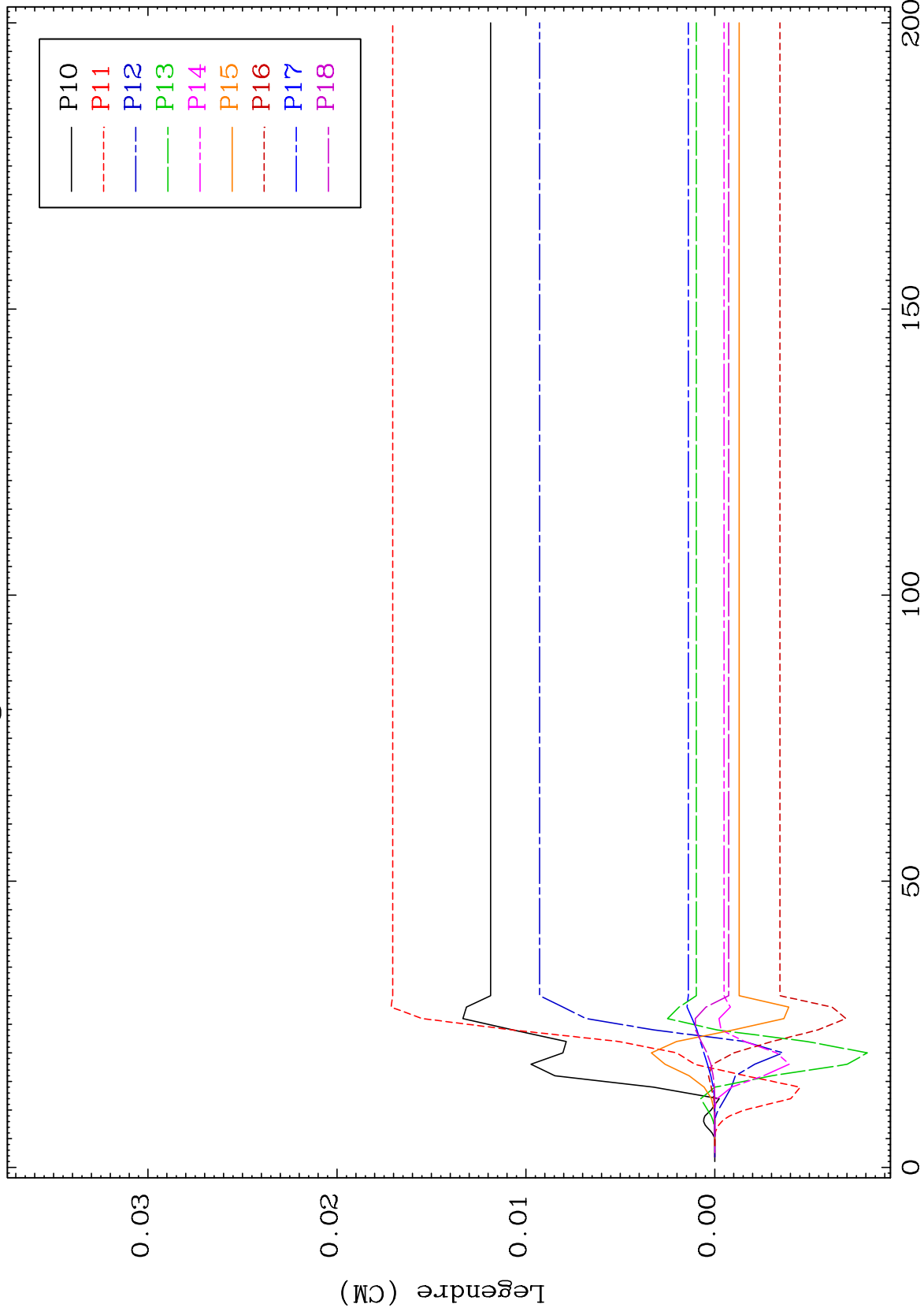
Incident Energy (MeV)

63-Eu-137

MAT 6283

741.6 keV (n,n') Level
Legendre Coefficients

63-Eu-137



24

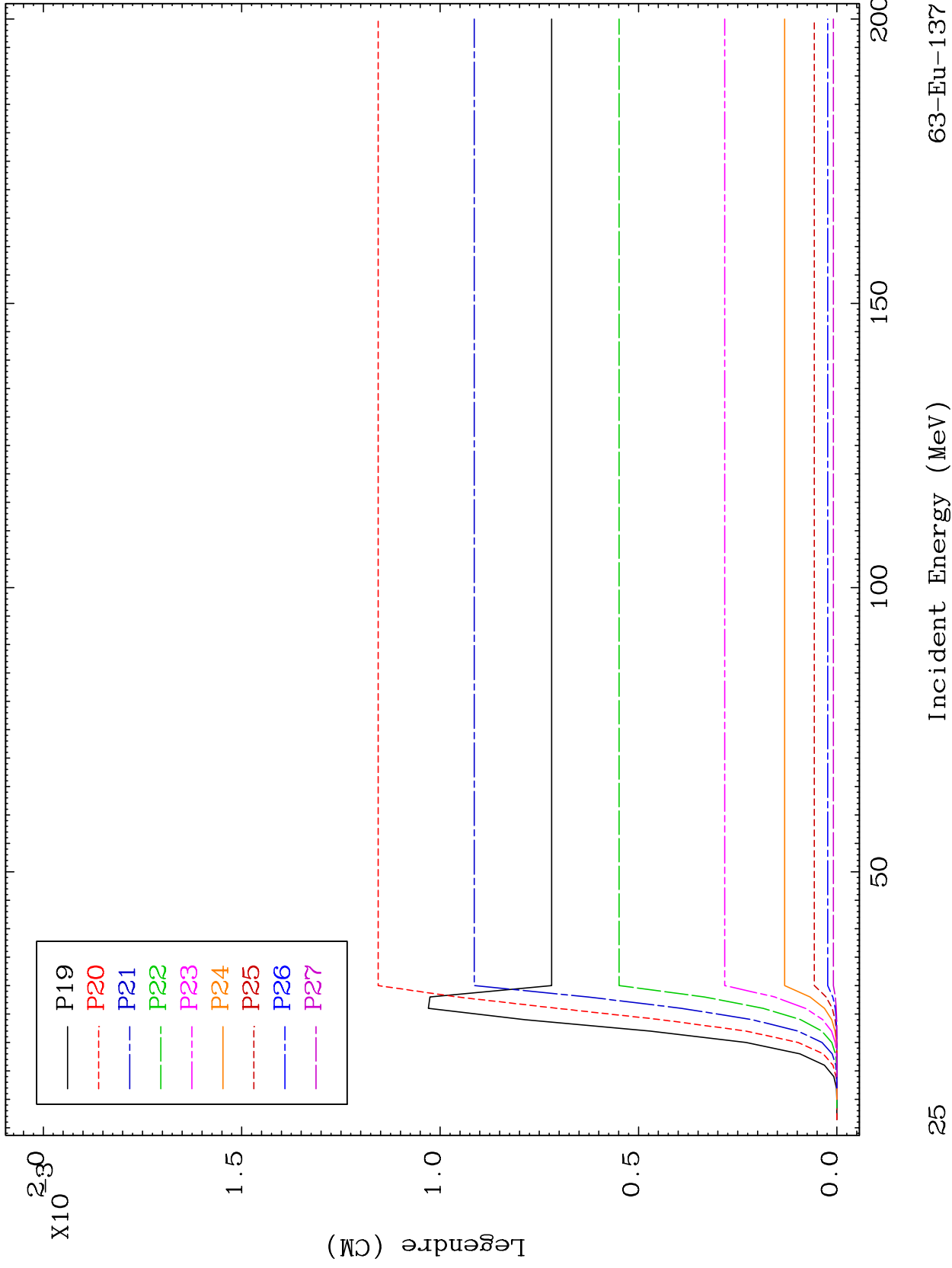
Incident Energy (MeV)

63-Eu-137

MAT 6283

741.6 keV (n, n') Level
Legendre Coefficients

63-Eu-137



25

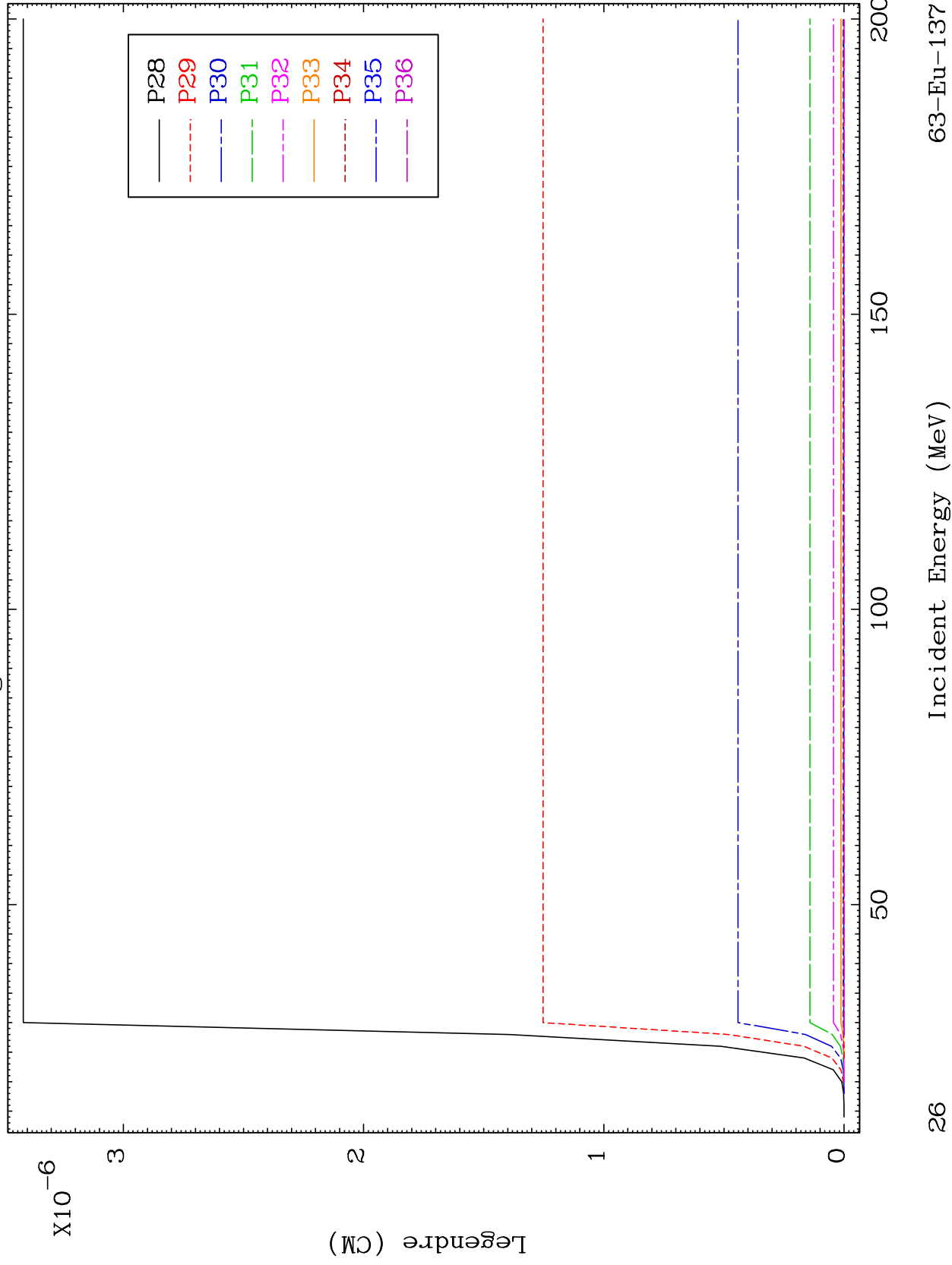
Incident Energy (MeV)

63-Eu-137

MAT 6283

741.6 keV (n,n') Level
Legendre Coefficients

63-Eu-137



26

Incident Energy (MeV)

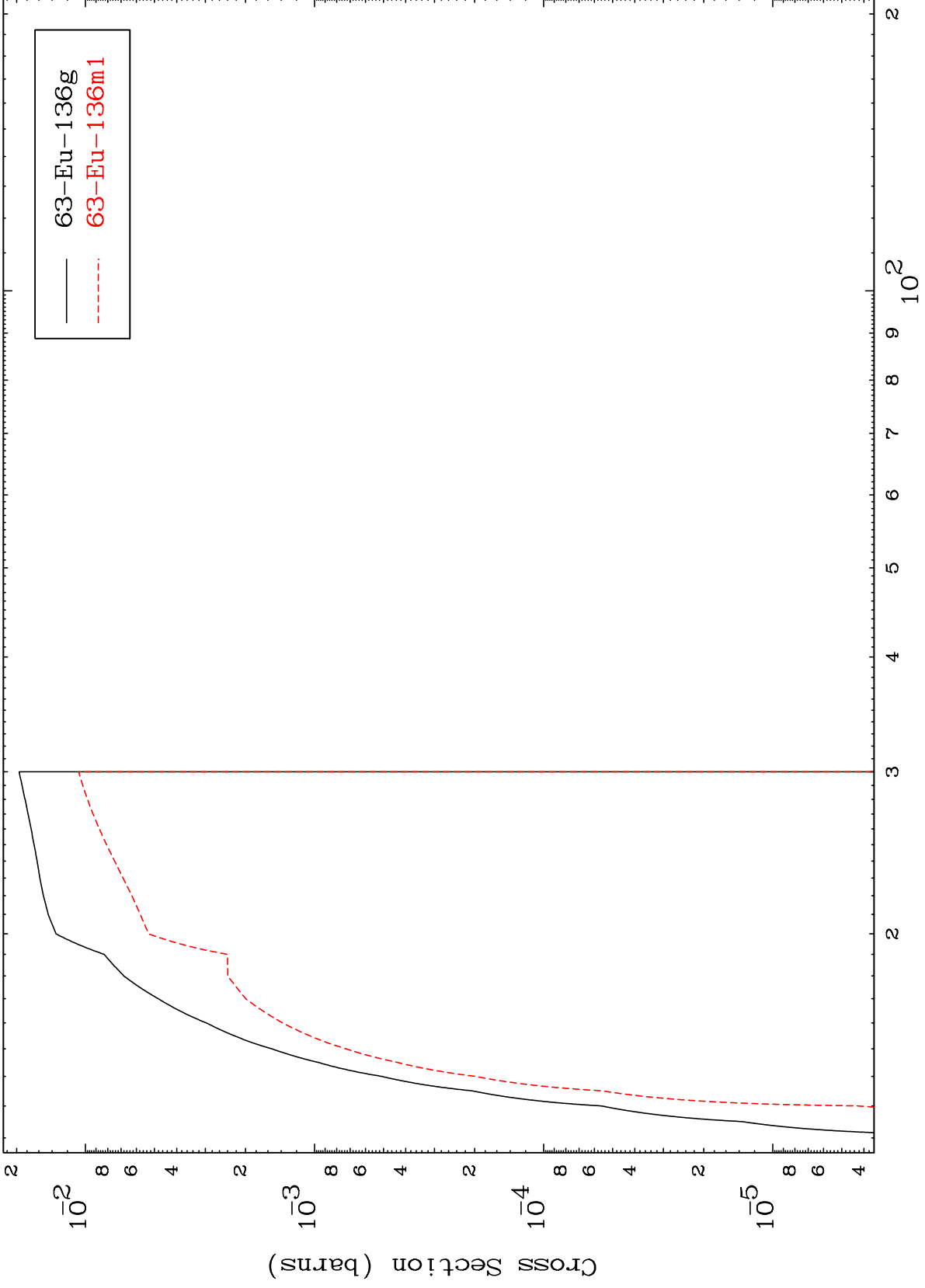
63-Eu-137

MAT 6283

(n,2n)

63-Eu-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

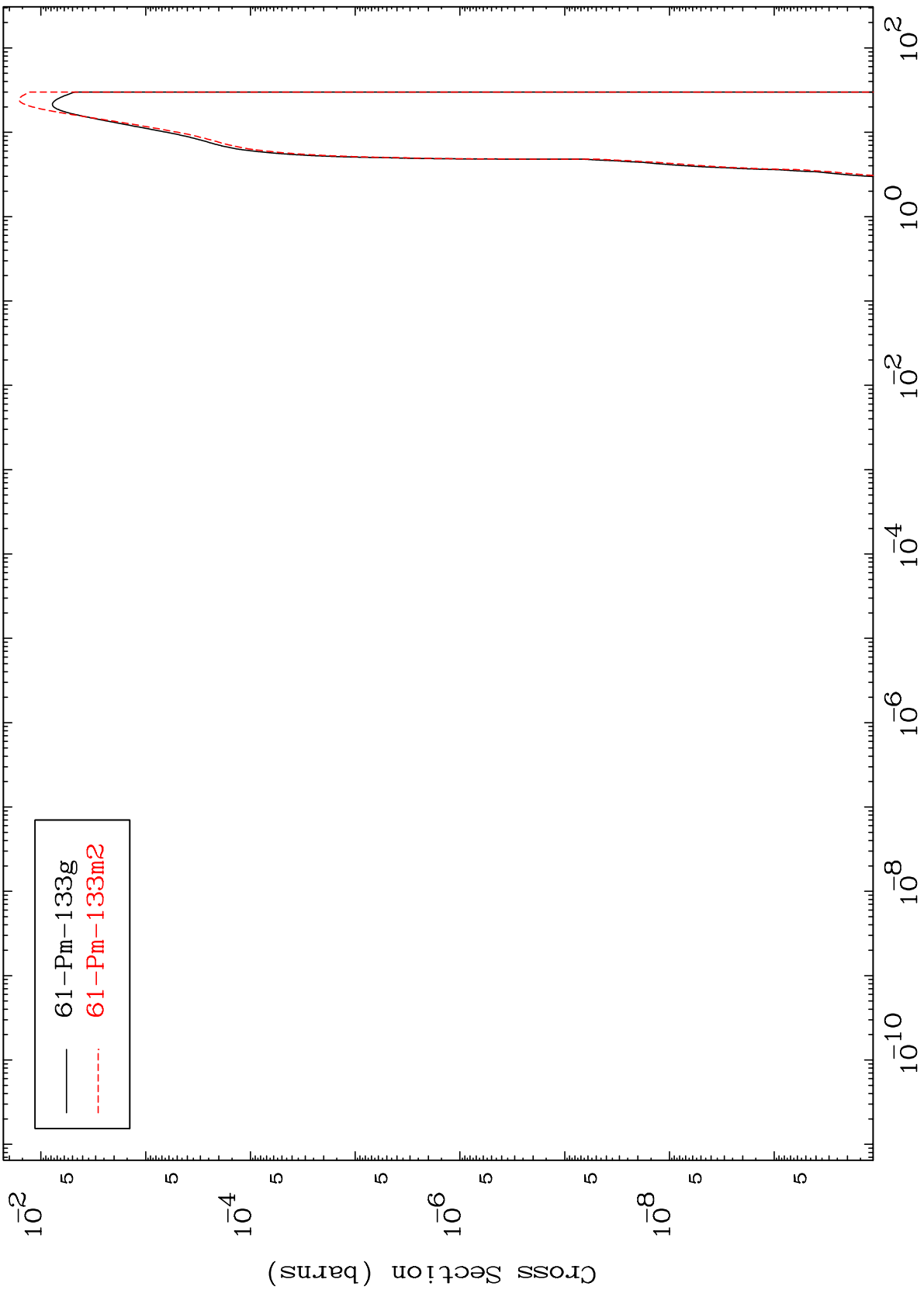
63-Eu-137

MAT 6283

$(n, n') \alpha$

63-Eu-137

Radionuclide Production Cross Section

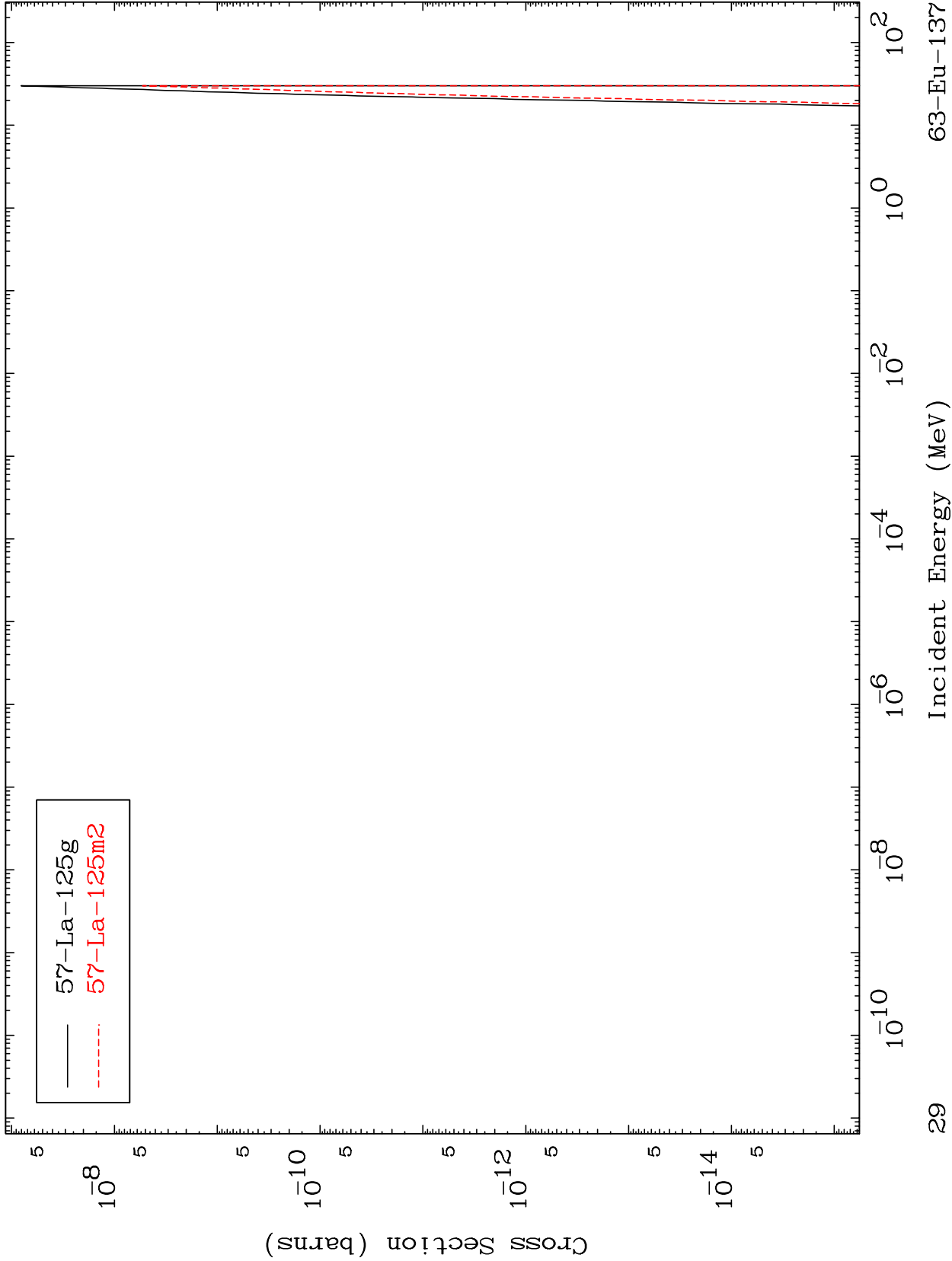


MAT 6283

(n,n') 3 α

63-Eu-137

Radionuclide Production Cross Section

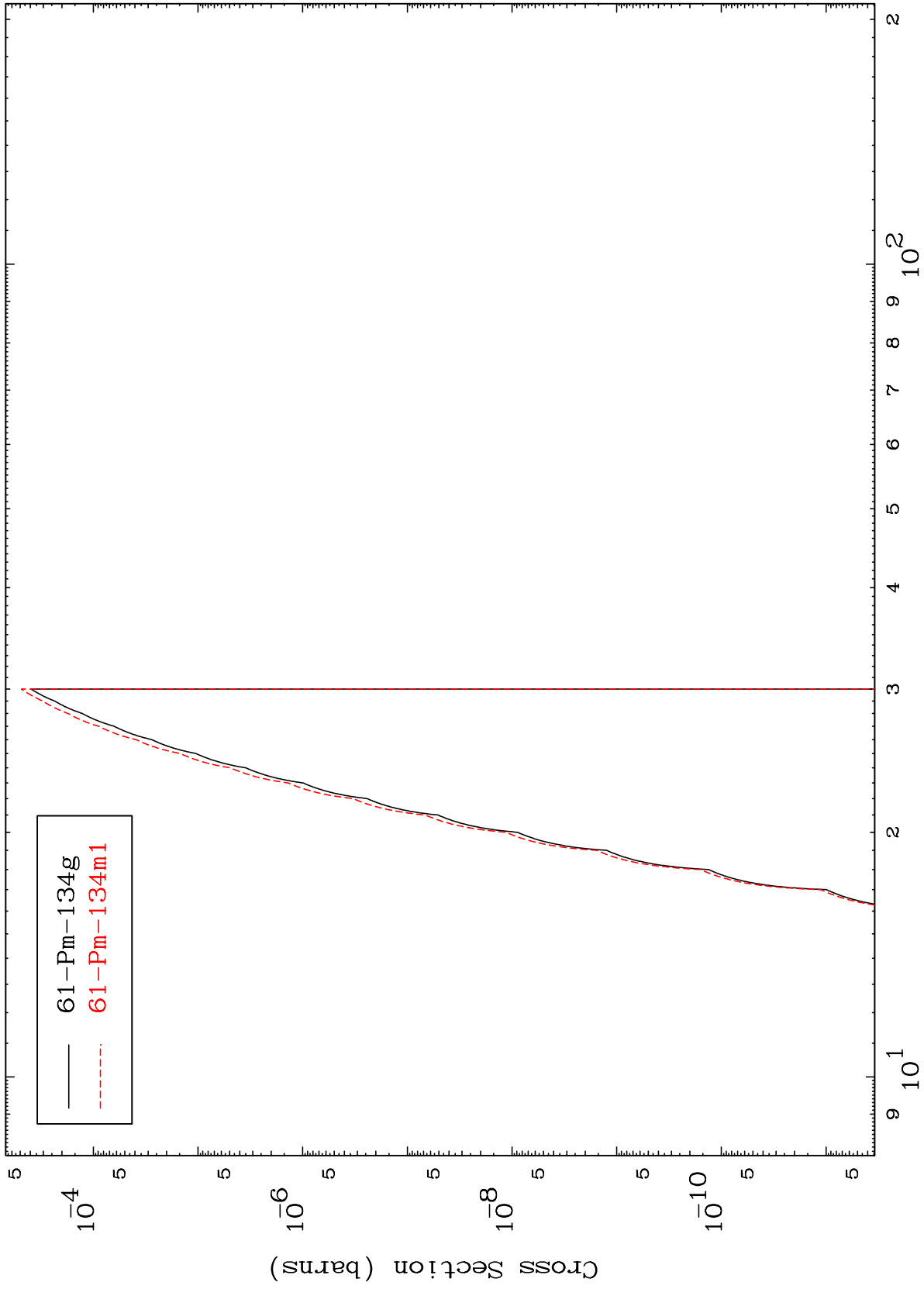


MAT 6283

(n,n') He-3

63-Eu-137

Radionuclide Production Cross Section



30

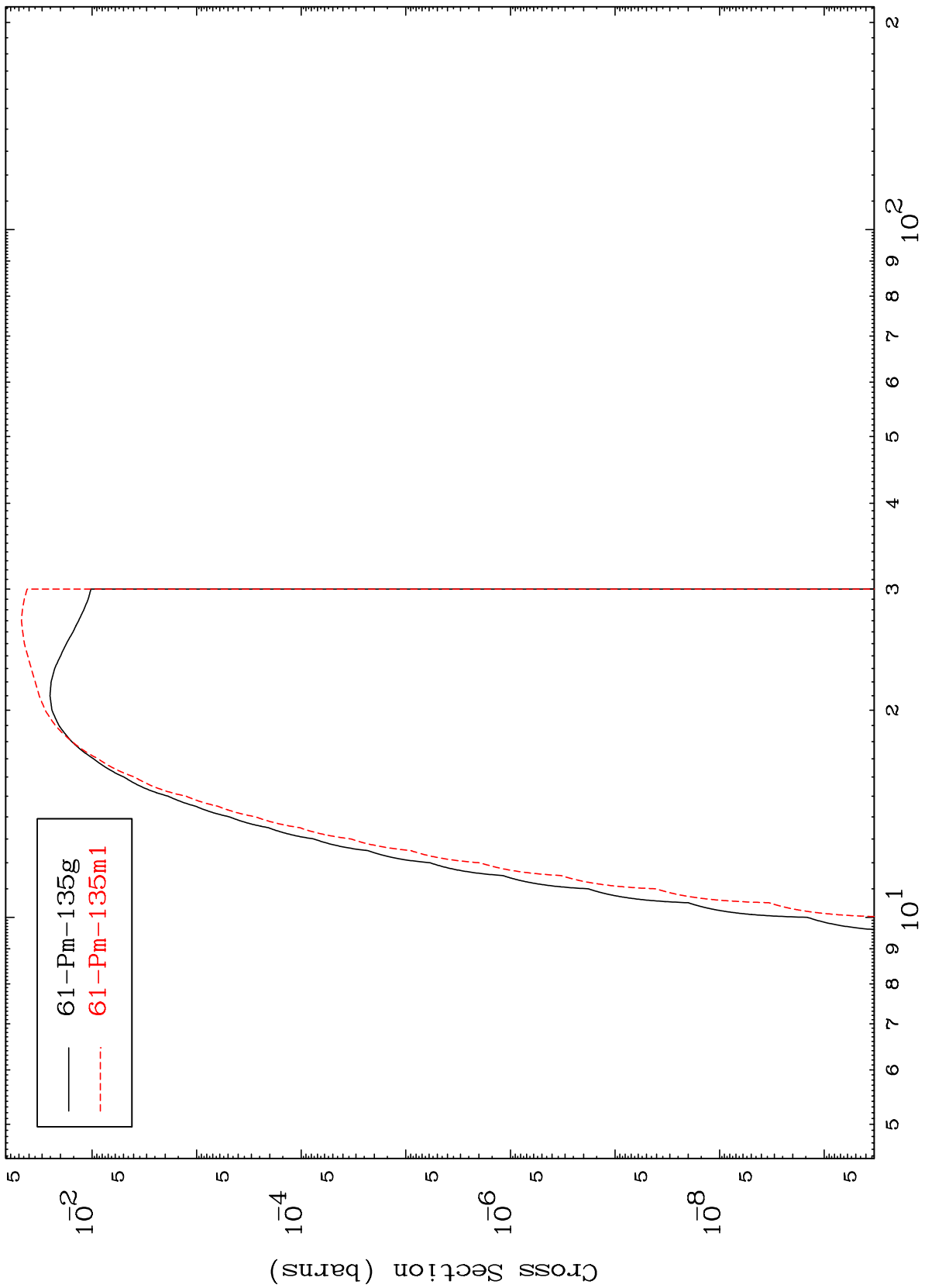
Incident Energy (MeV)

63-Eu-137

MAT 6283

63-Eu-137

(n,2n) p
Radionuclide Production Cross Section



31

Incident Energy (MeV)

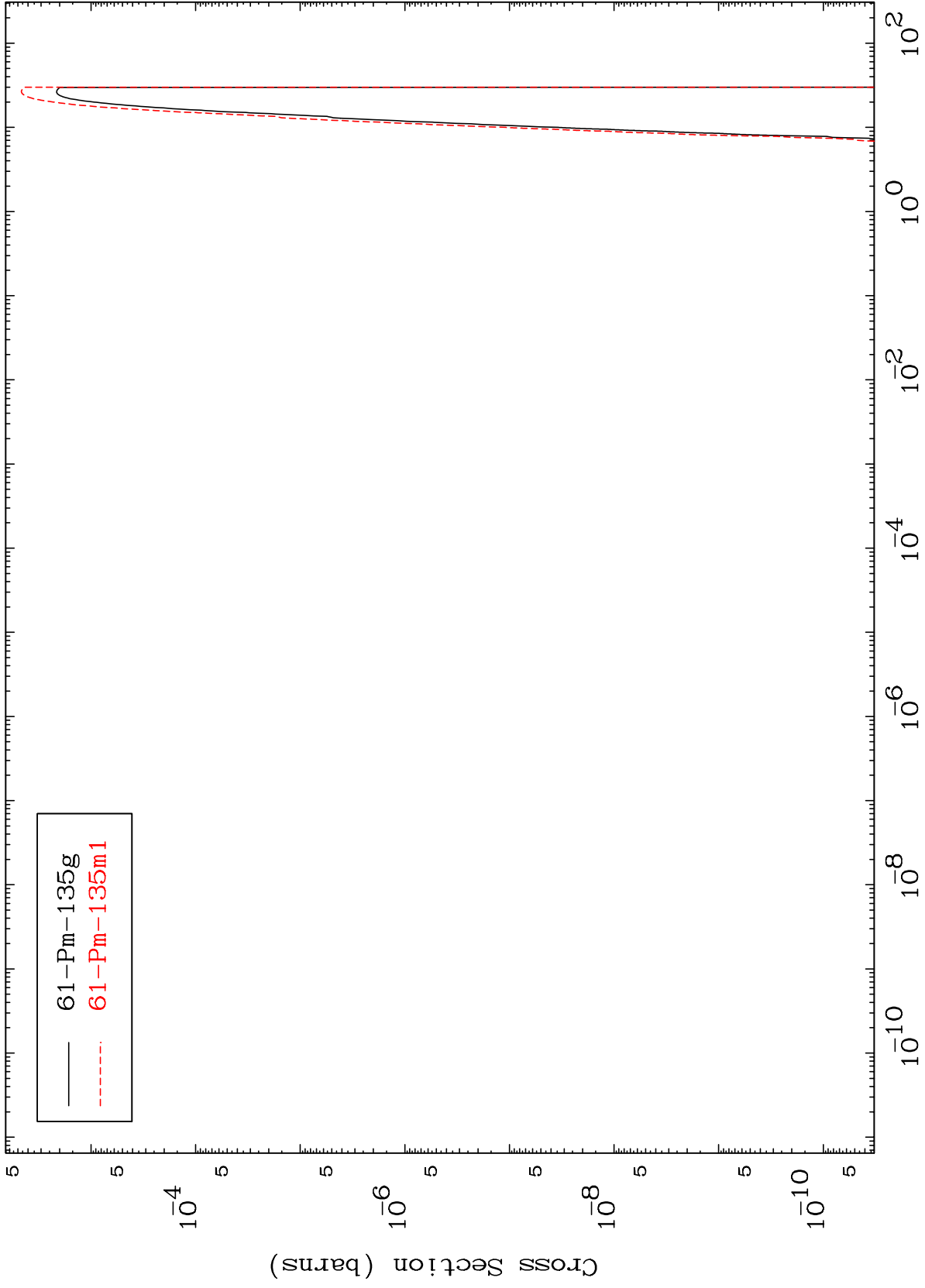
63-Eu-137

MAT 6283

(n,He-3)

63-Eu-137

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

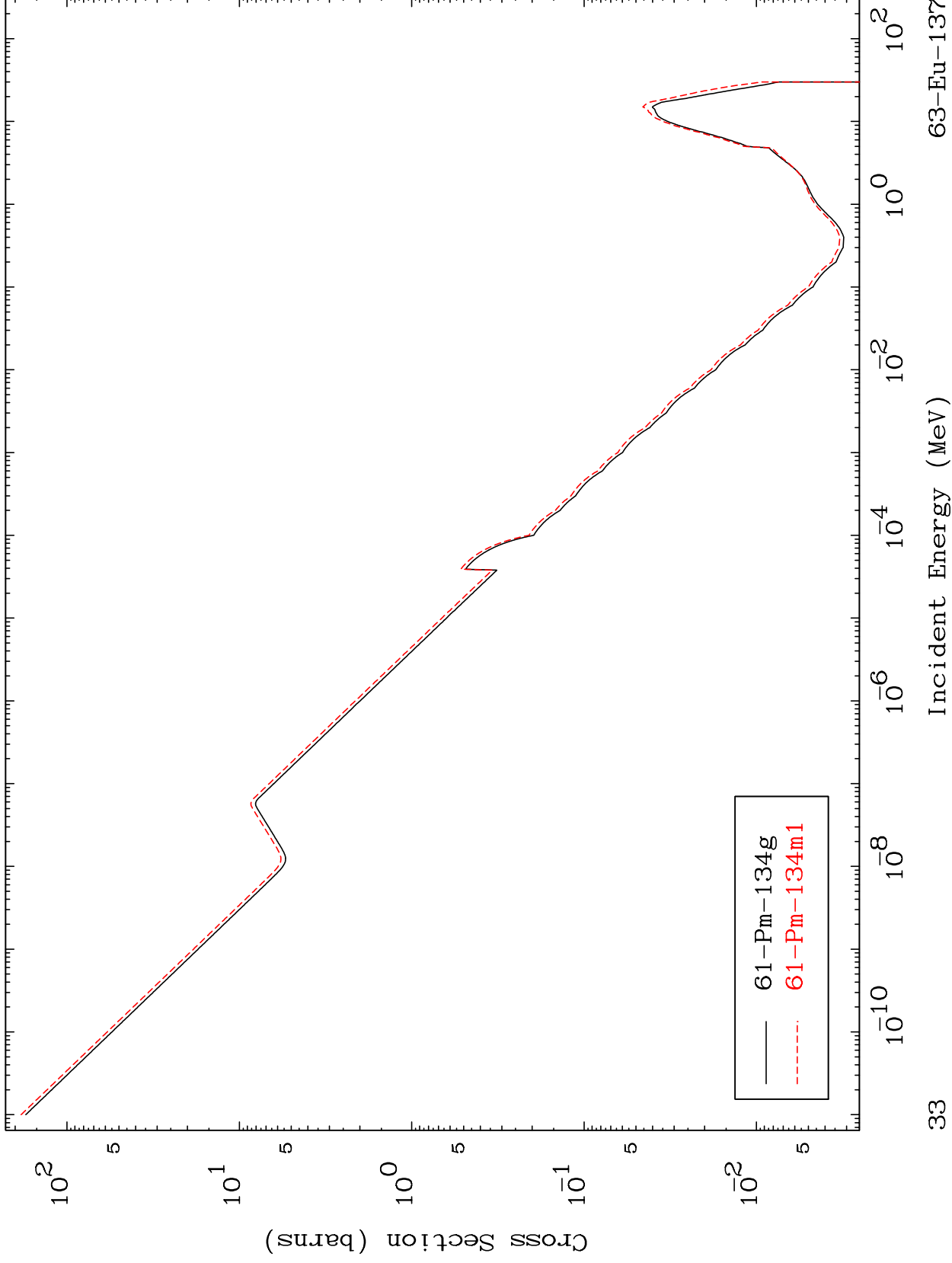
63-Eu-137

MAT 6283

(n, α)

63-Eu-137

Radionuclide Production Cross Section



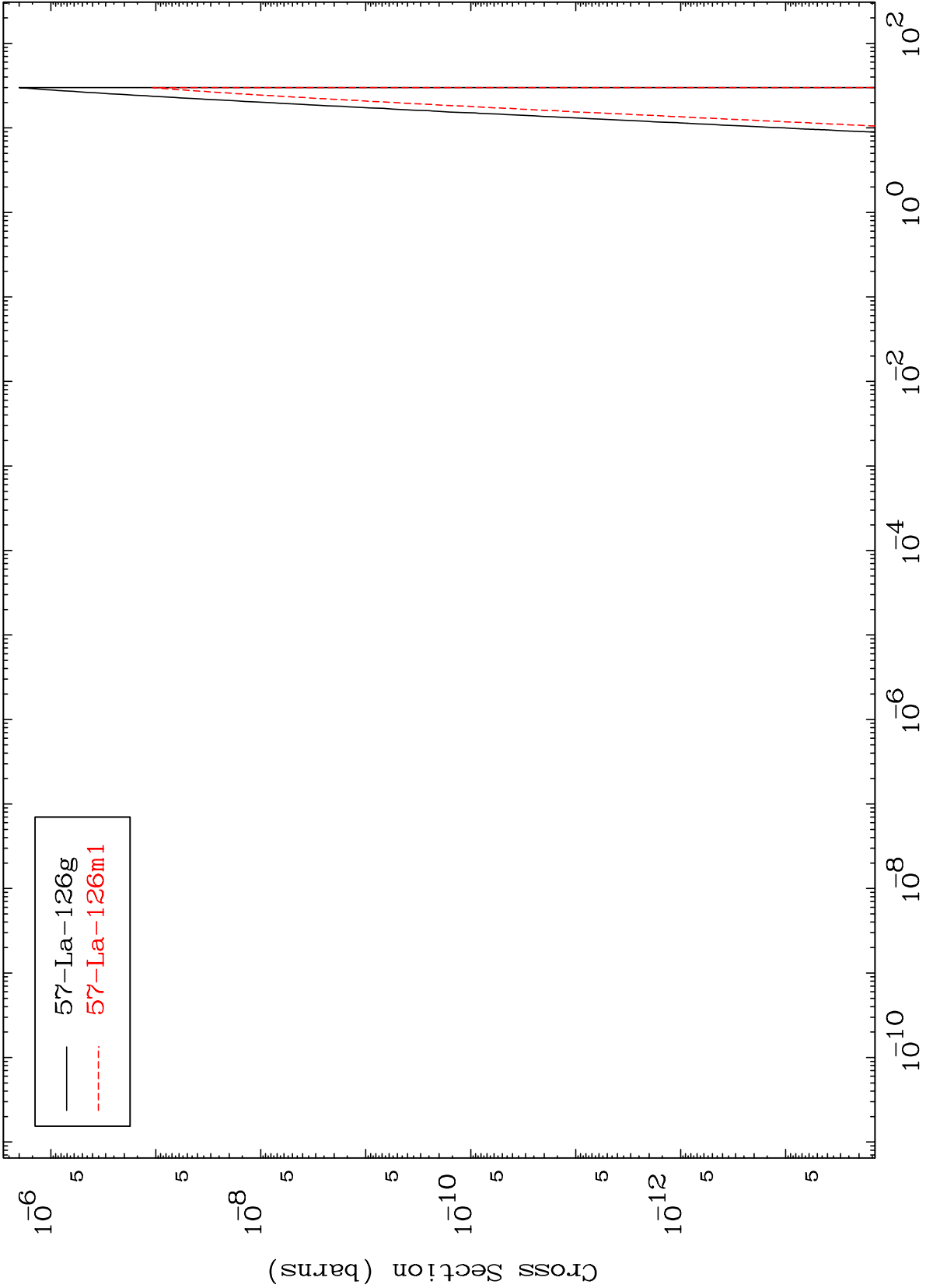
33

MAT 6283

(n,3 α)

63-Eu-137

Radionuclide Production Cross Section



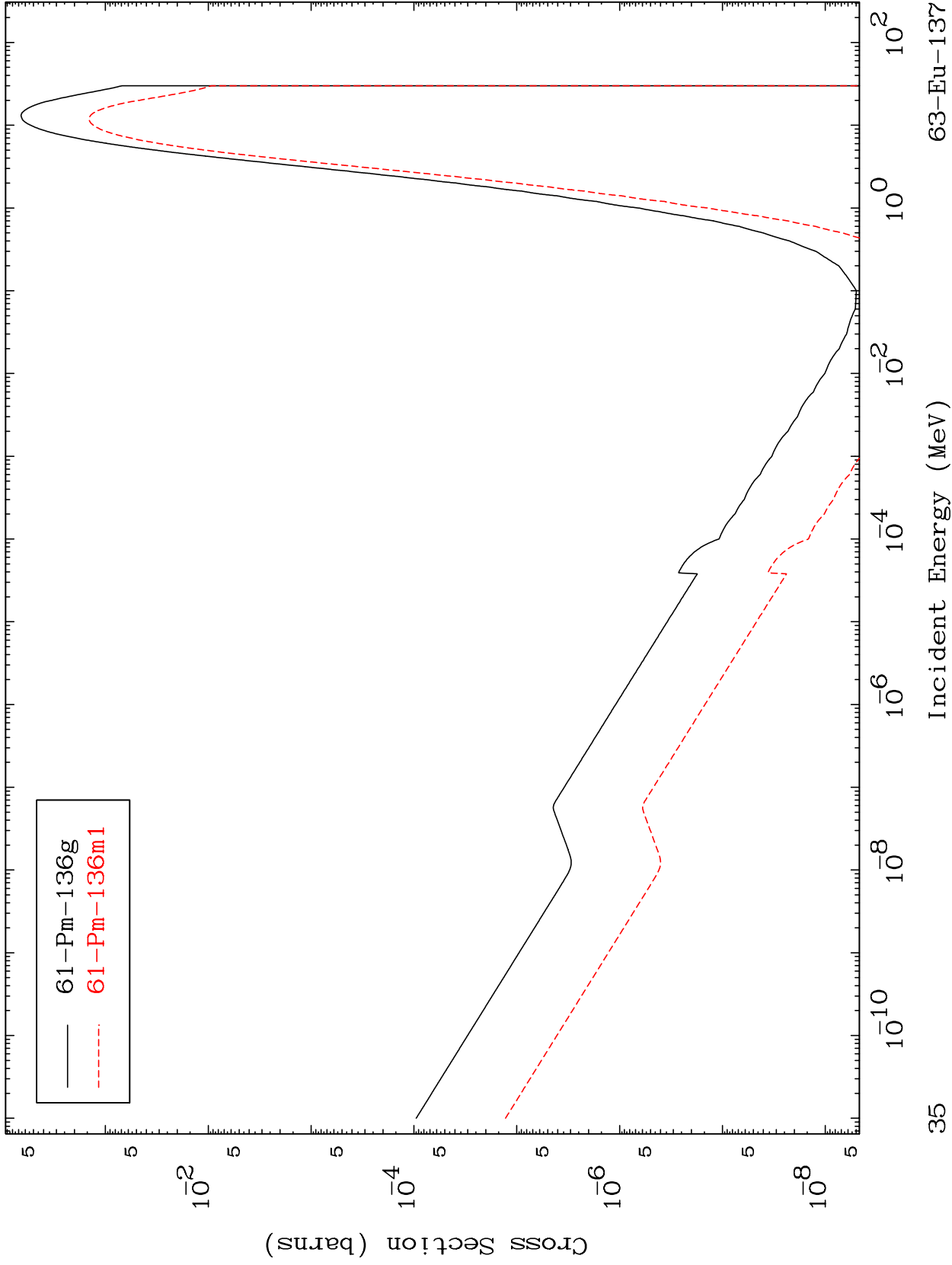
57-La-126g
57-La-126m1

MAT 6283

(n,2p)

63-Eu-137

Radionuclide Production Cross Section

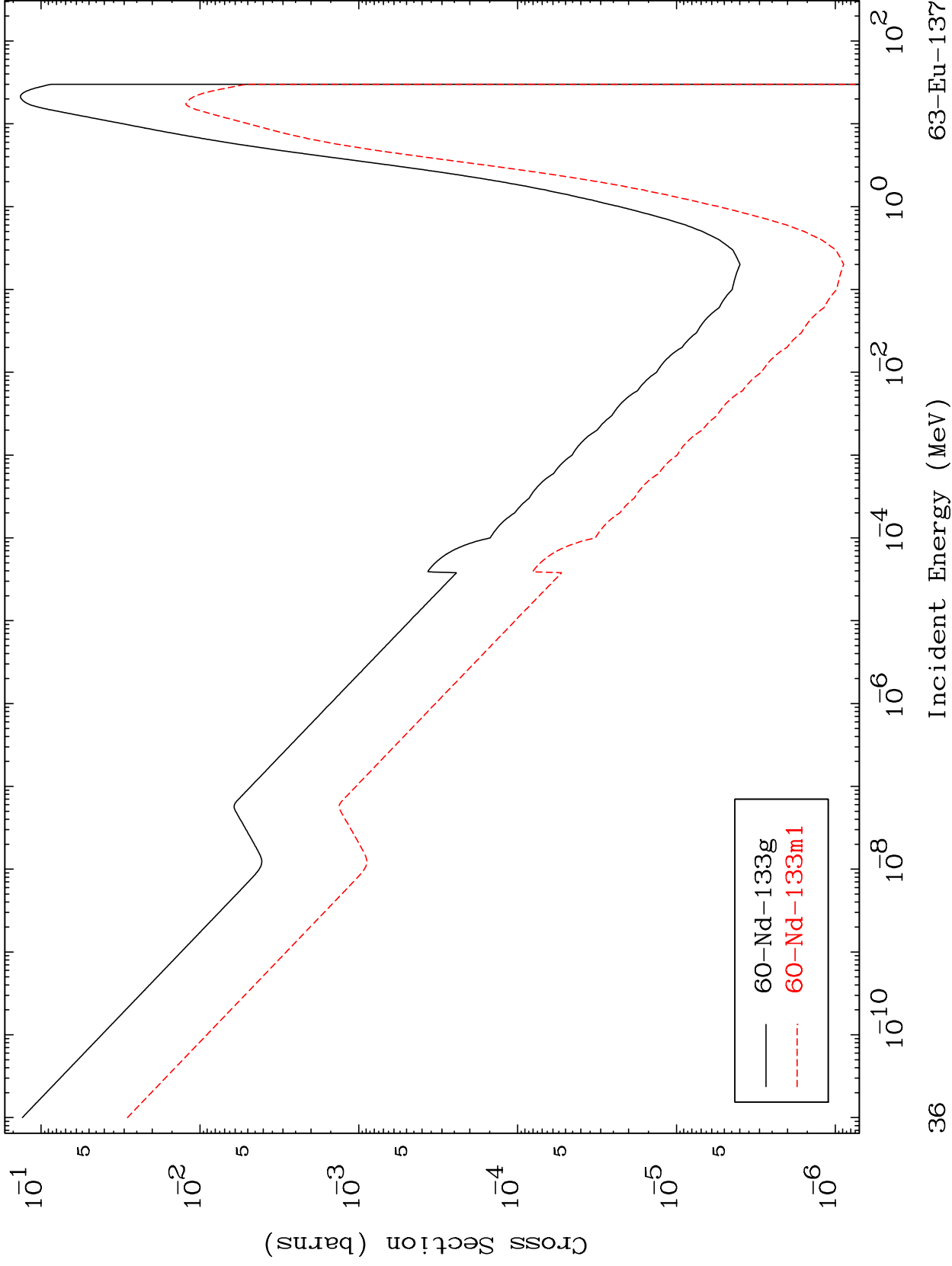


MAT 6283

(n,p) α

$^{63}\text{Eu-137}$

Radionuclide Production Cross Section

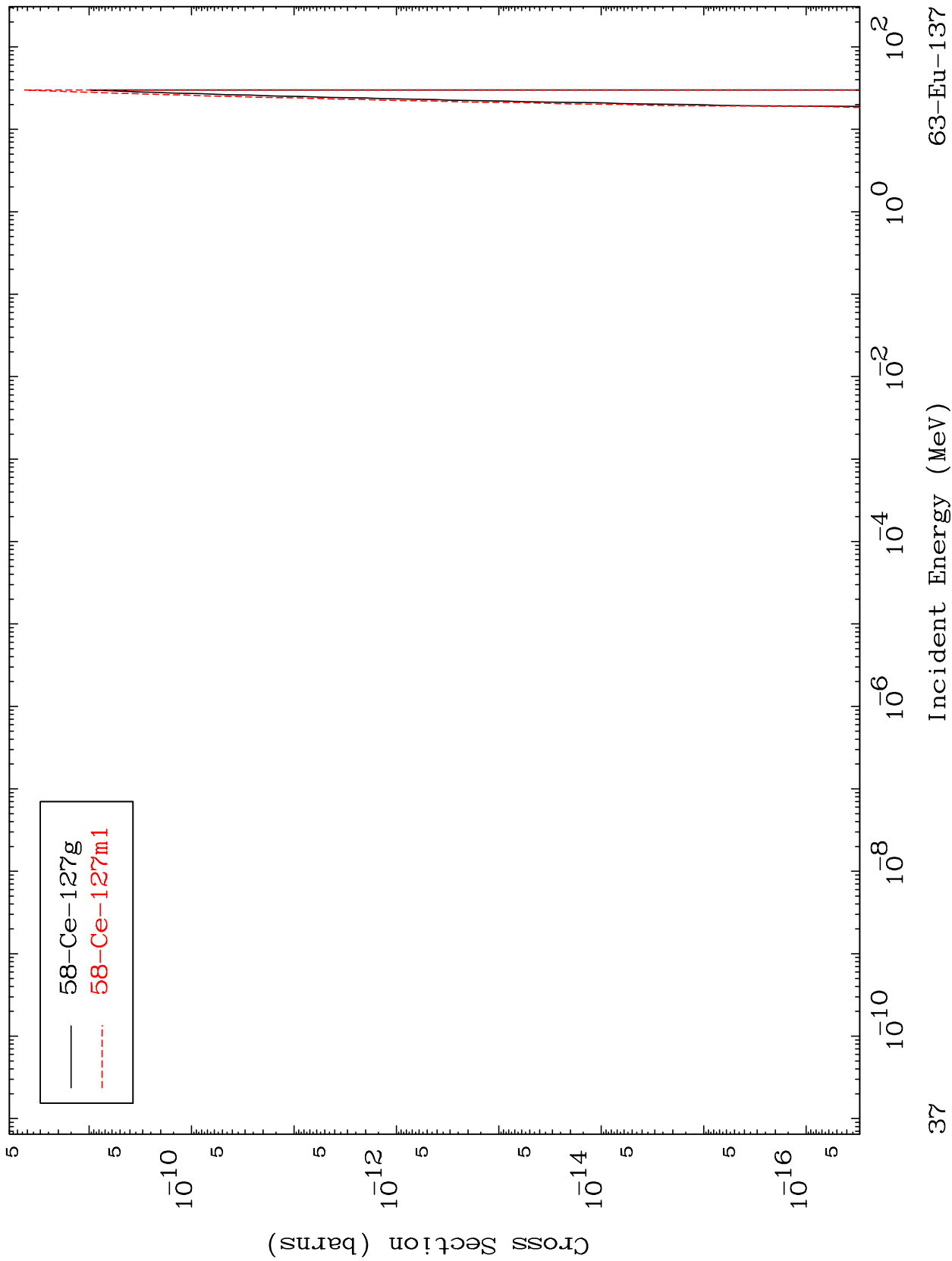


MAT 6283

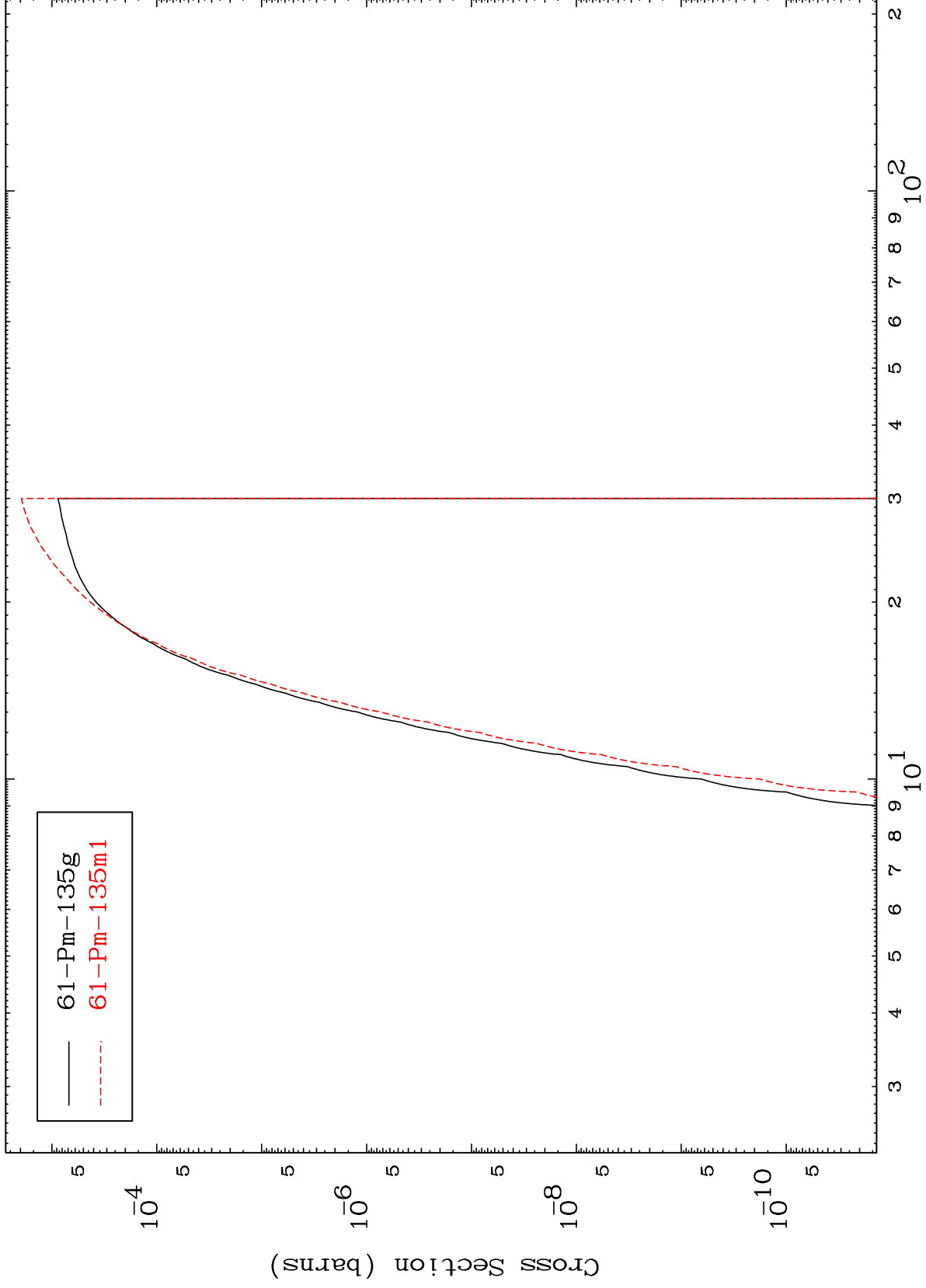
(n,t) 2 α

63-Eu-137

Radionuclide Production Cross Section



Radionuclide Production Cross Section

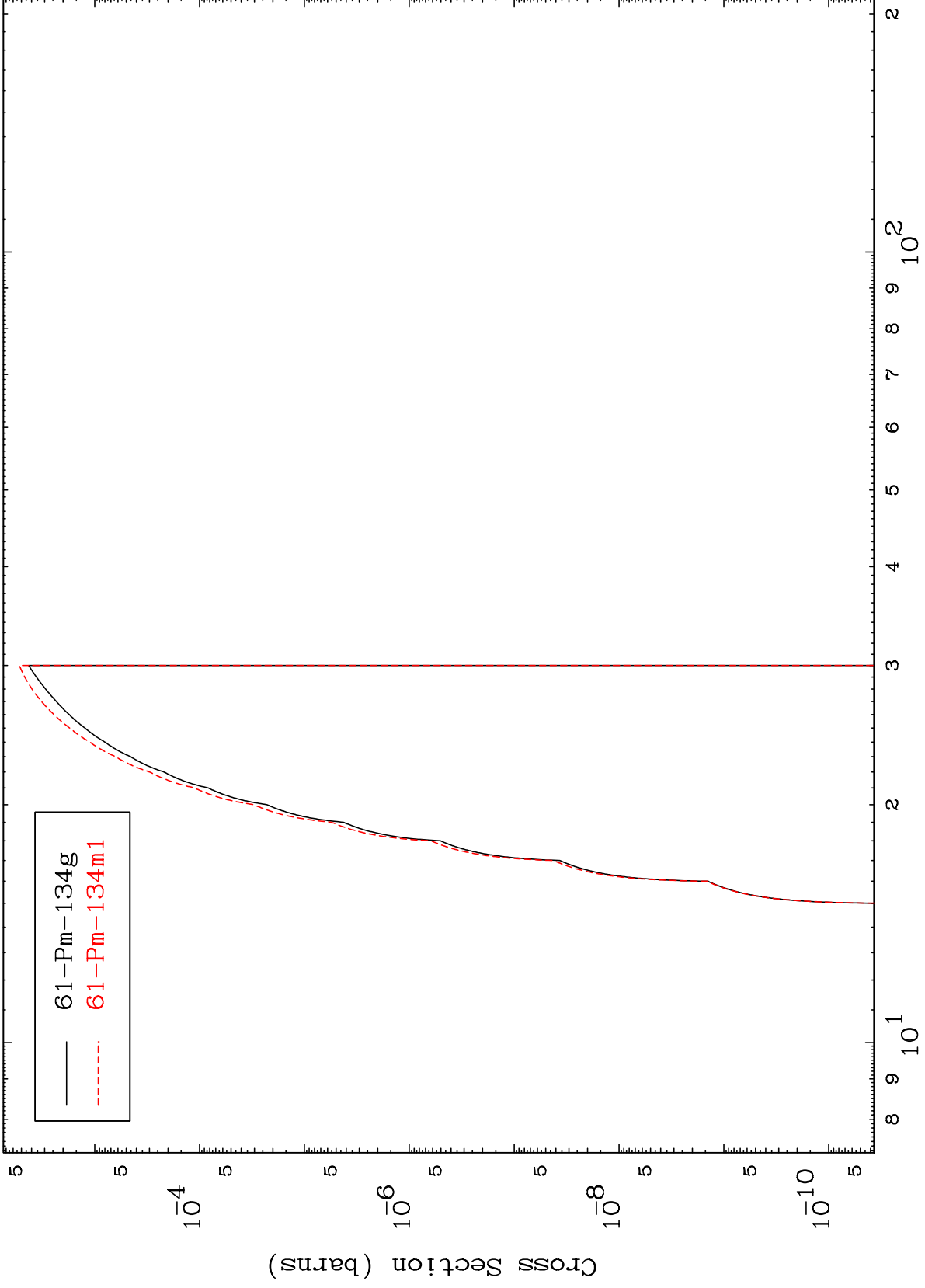


MAT 6283

(n,p) t

63-Eu-137

Radionuclide Production Cross Section



39

Incident Energy (MeV)

63-Eu-137