

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

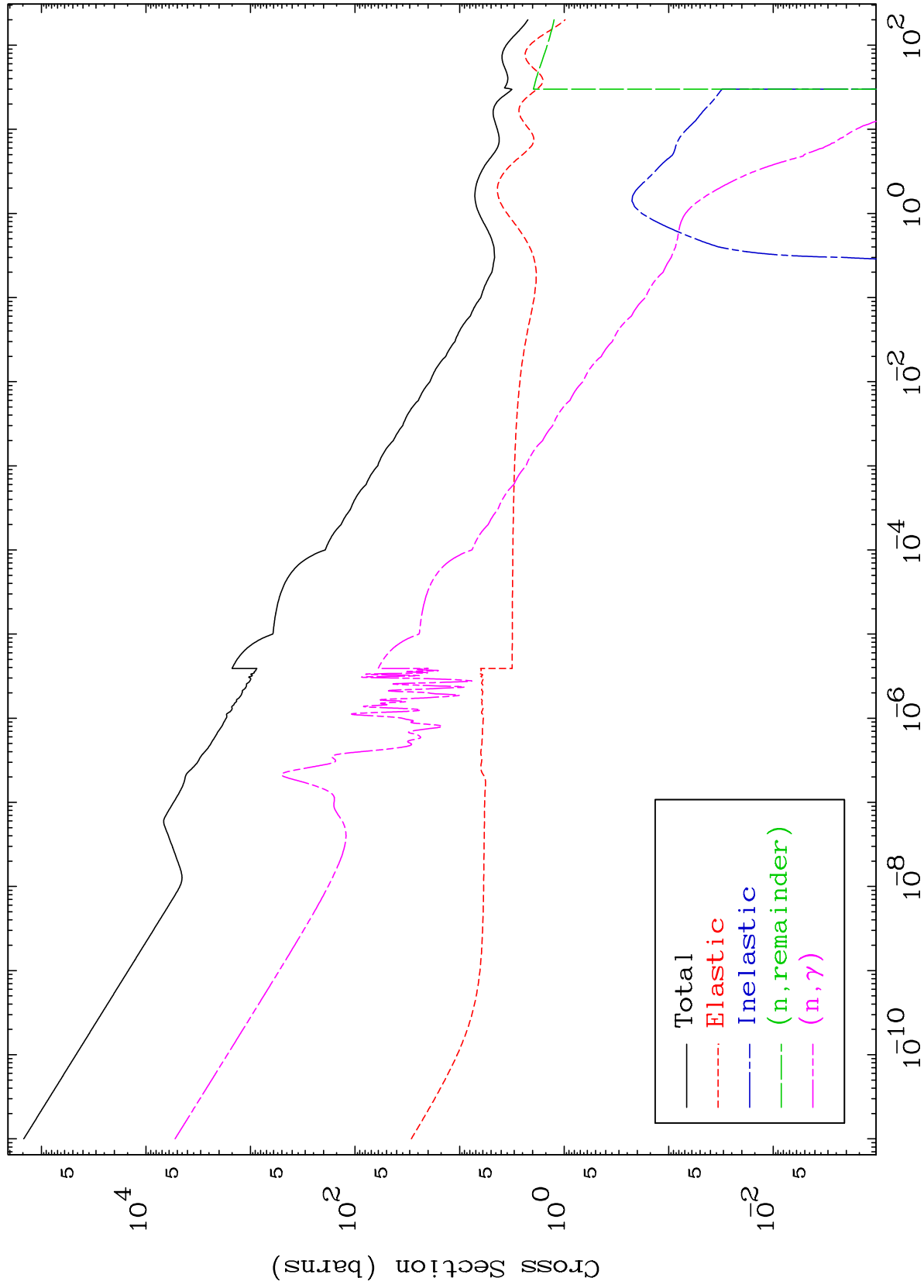
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6283

Major
293 Kelvin Cross Sections

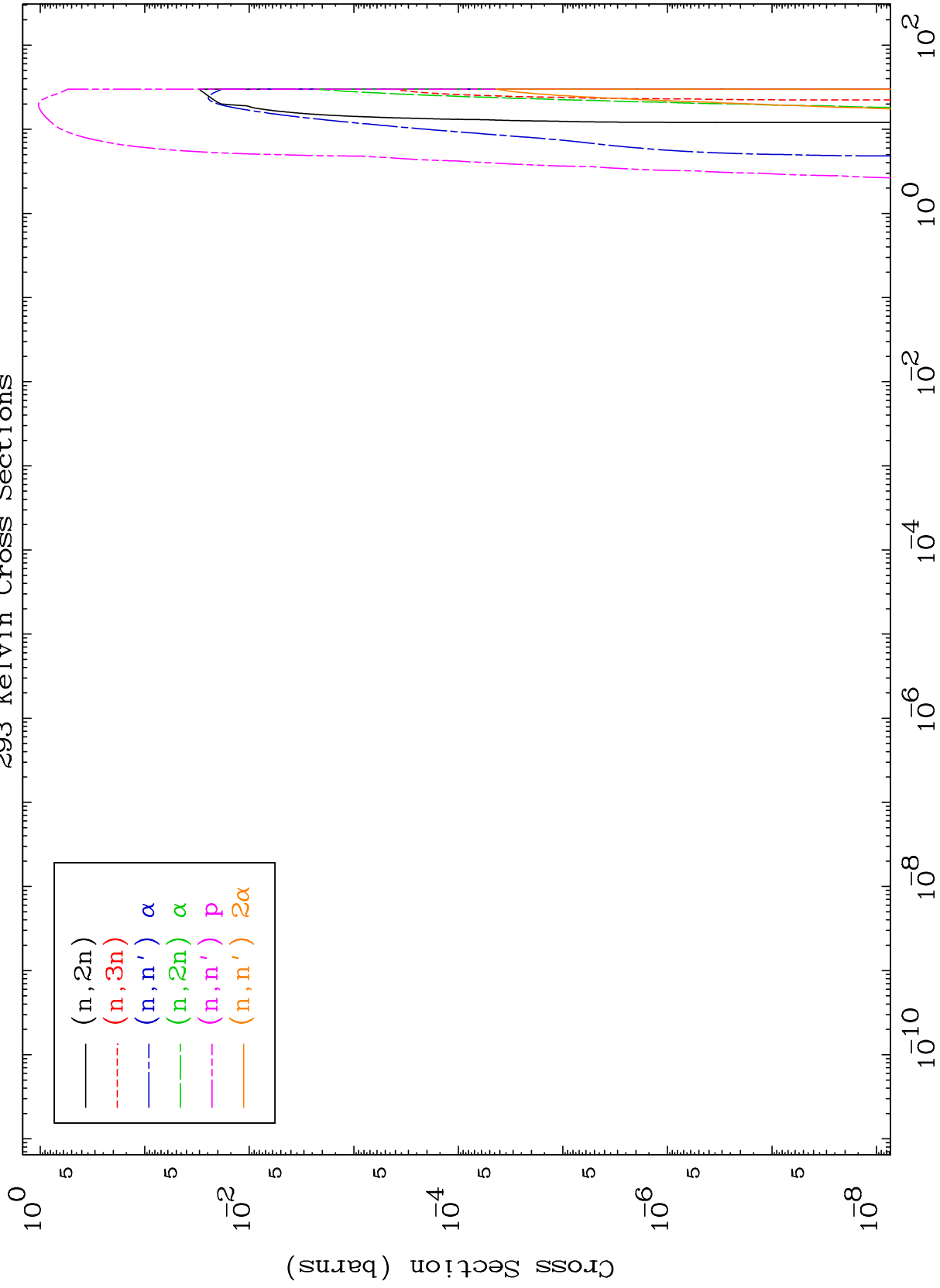
63-Eu-137



MAT 6283

Neutron Production
293 Kelvin Cross Sections

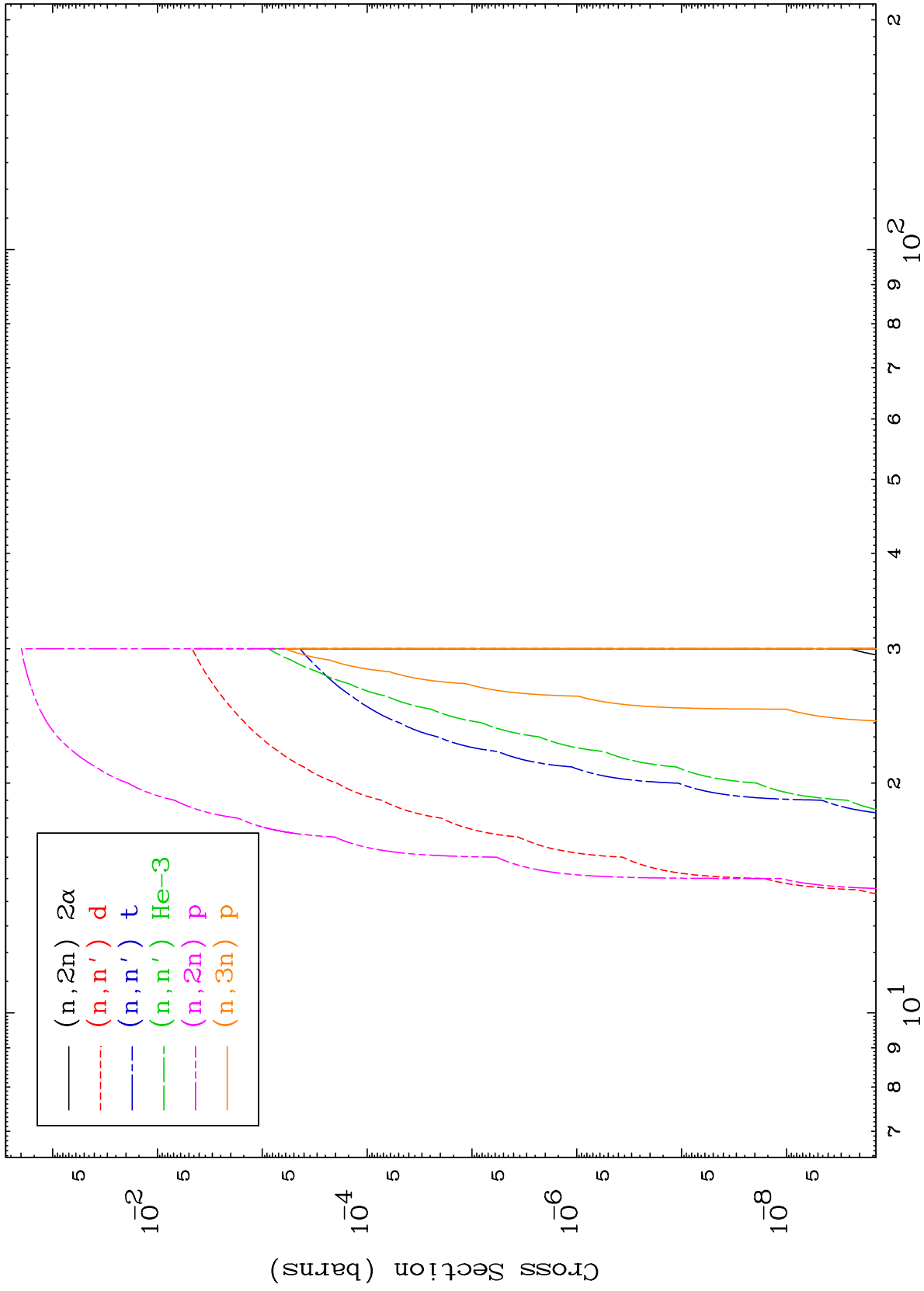
63-Eu-137



2

Incident Energy (MeV)

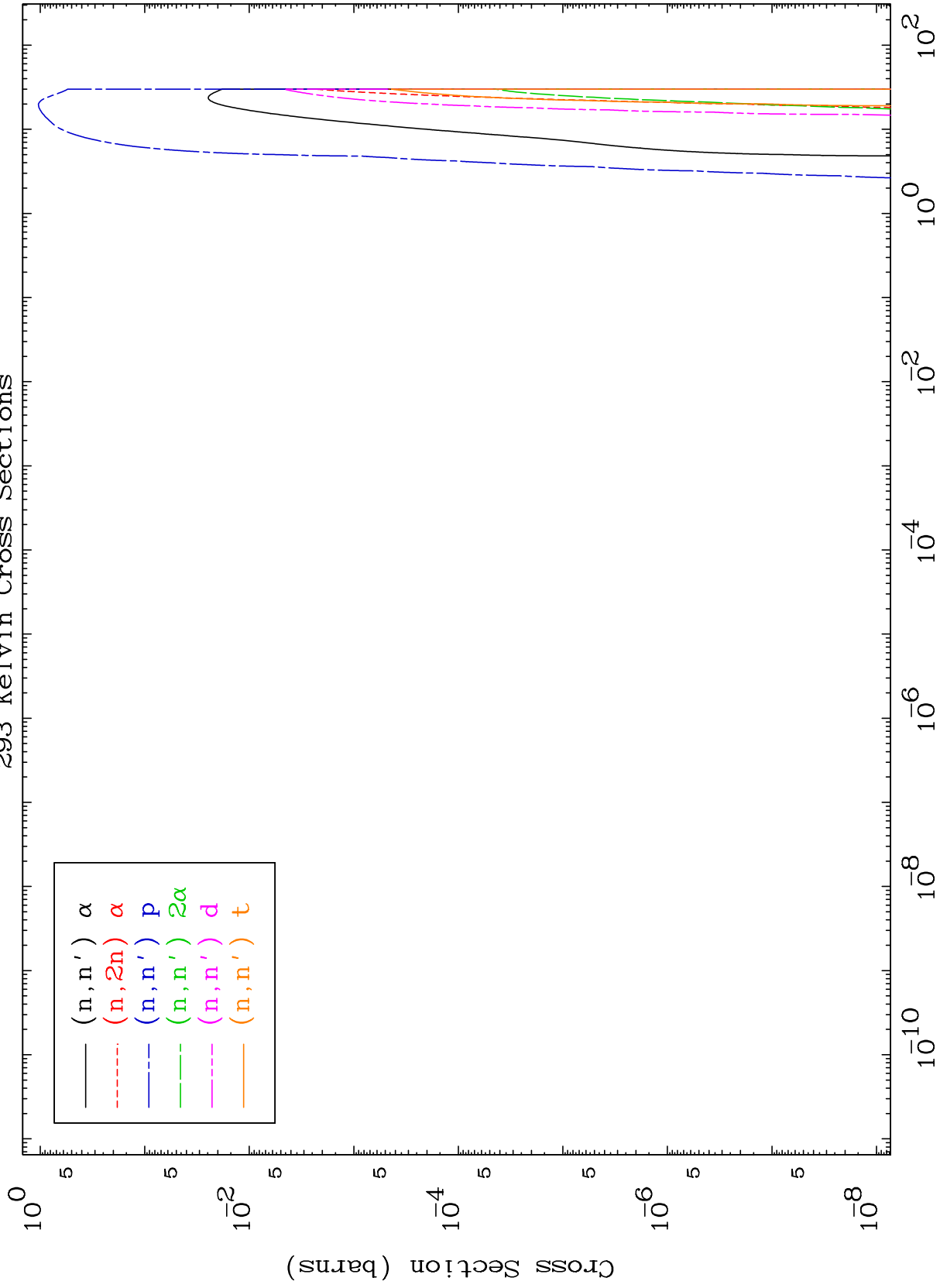
63-Eu-137



MAT 6283

Charged Particle
293 Kelvin Cross Sections

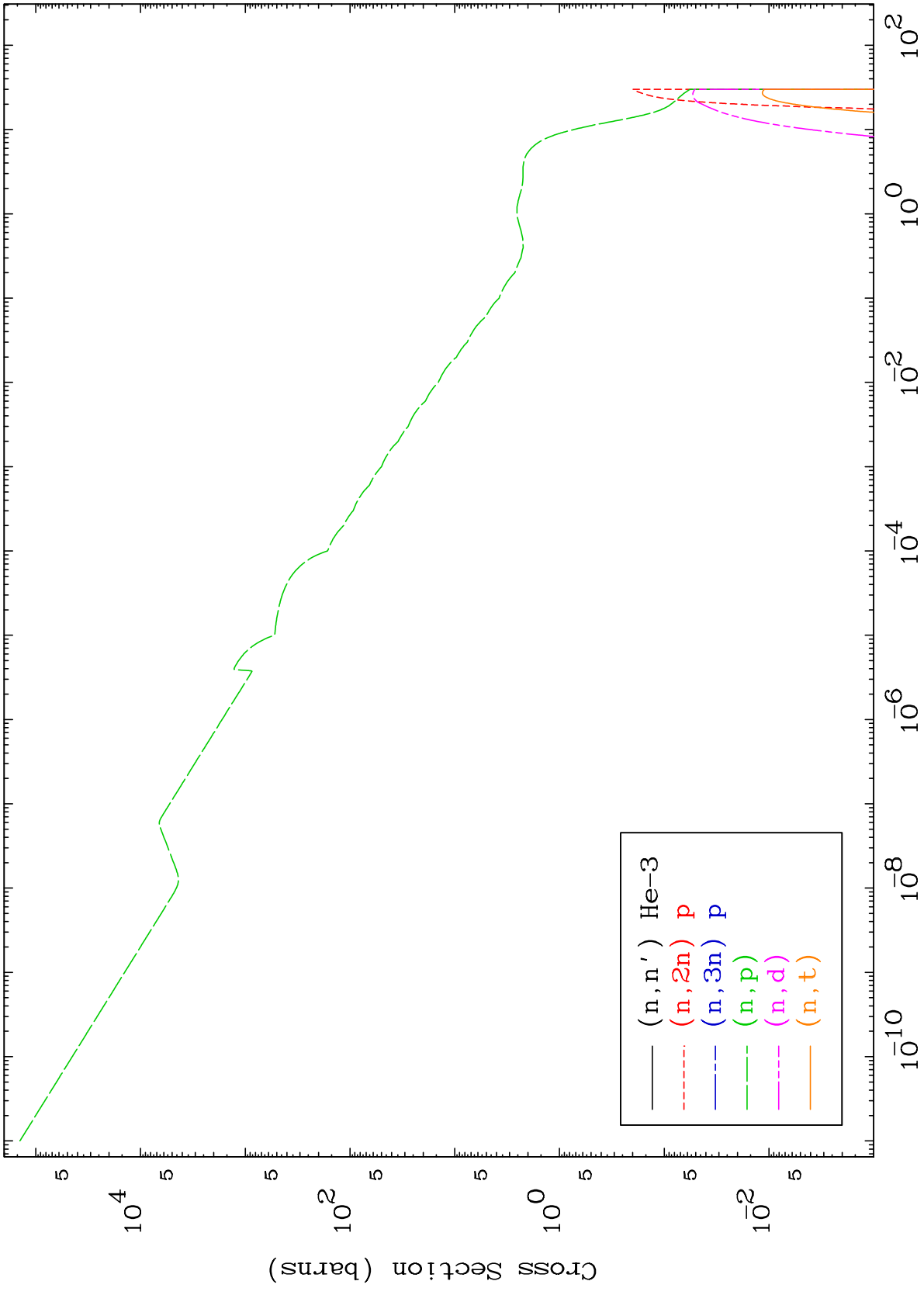
63-Eu-137



MAT 6283

Charged Particle
293 Kelvin Cross Sections

63-Eu-137

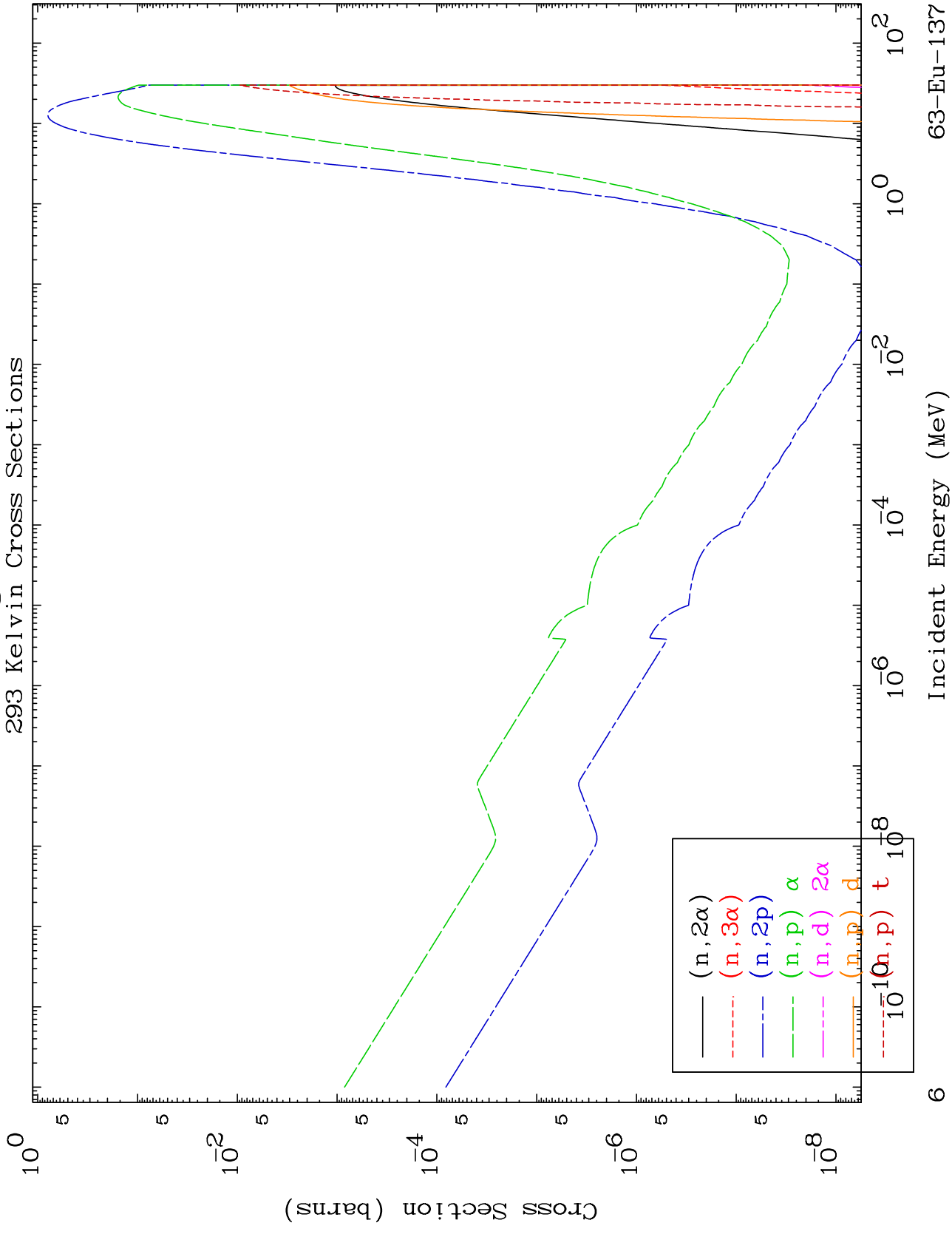


63-Eu-137

MAT 6283

Charged Particle
293 Kelvin Cross Sections

63-Eu-137



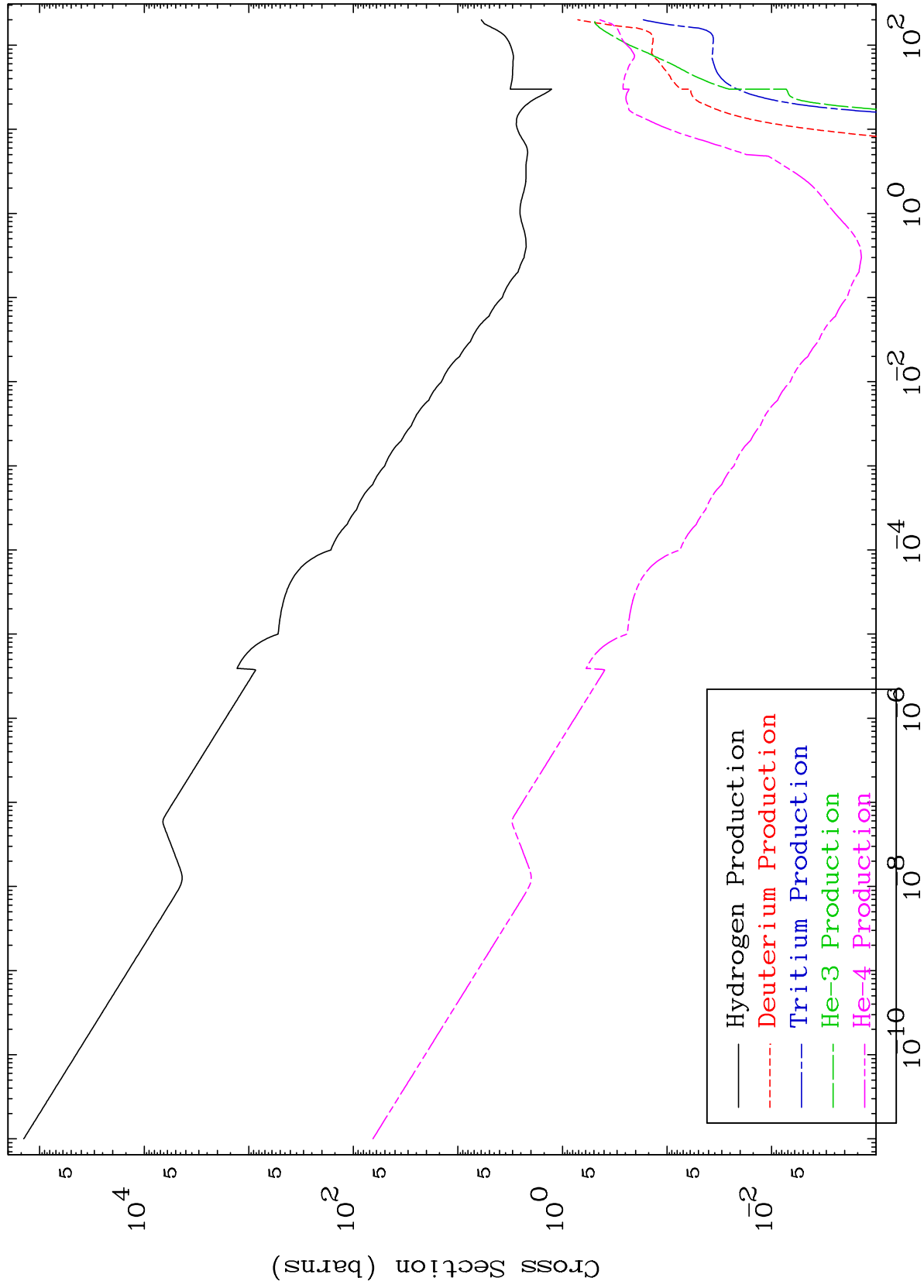
6

63-Eu-137

MAT 6283

Particle Production
293 Kelvin Cross Sections

63-Eu-137



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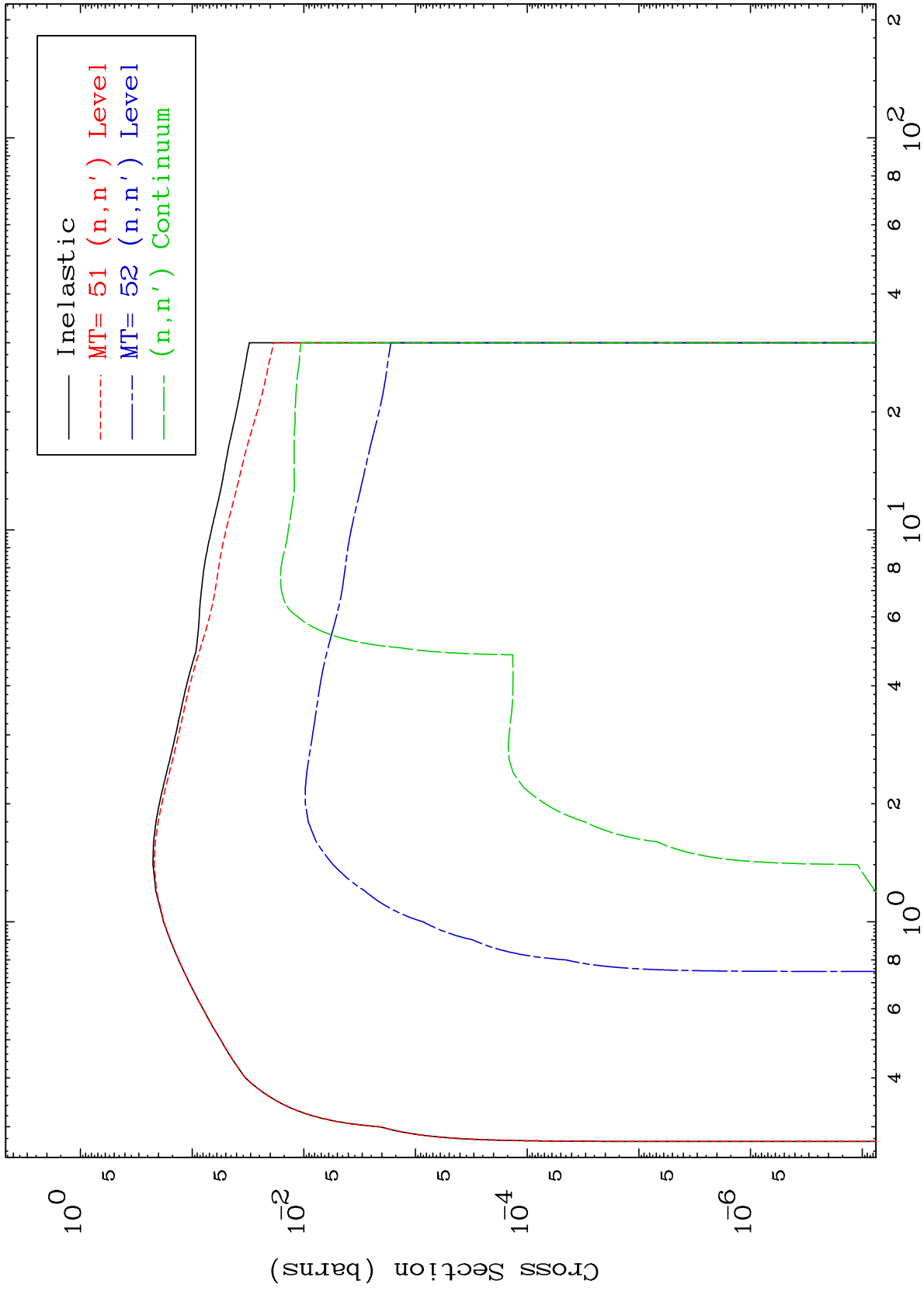
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,n') Level
293 Kelvin Cross Sections

63-Eu-137



8

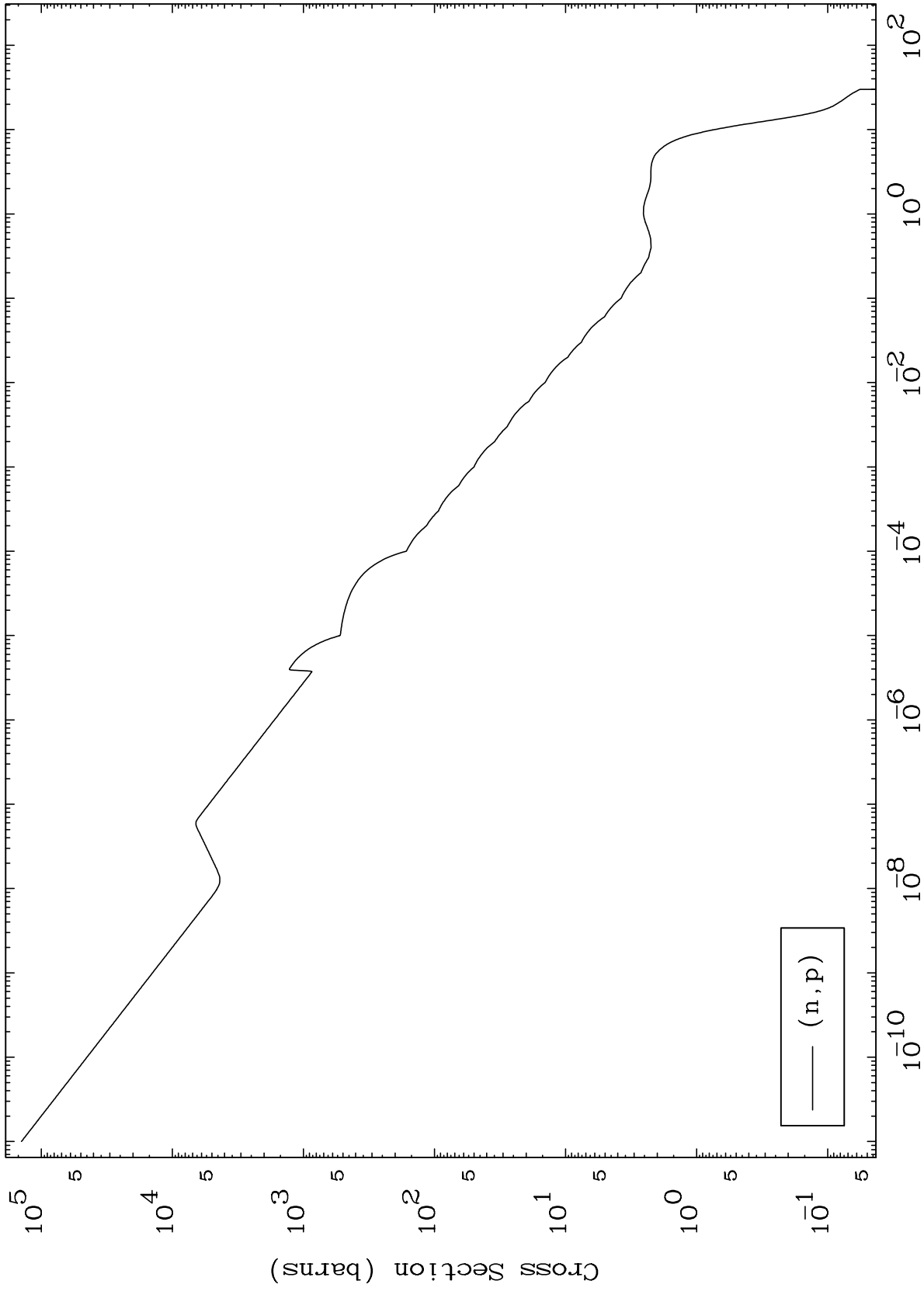
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,p) Levels
293 Kelvin Cross Sections

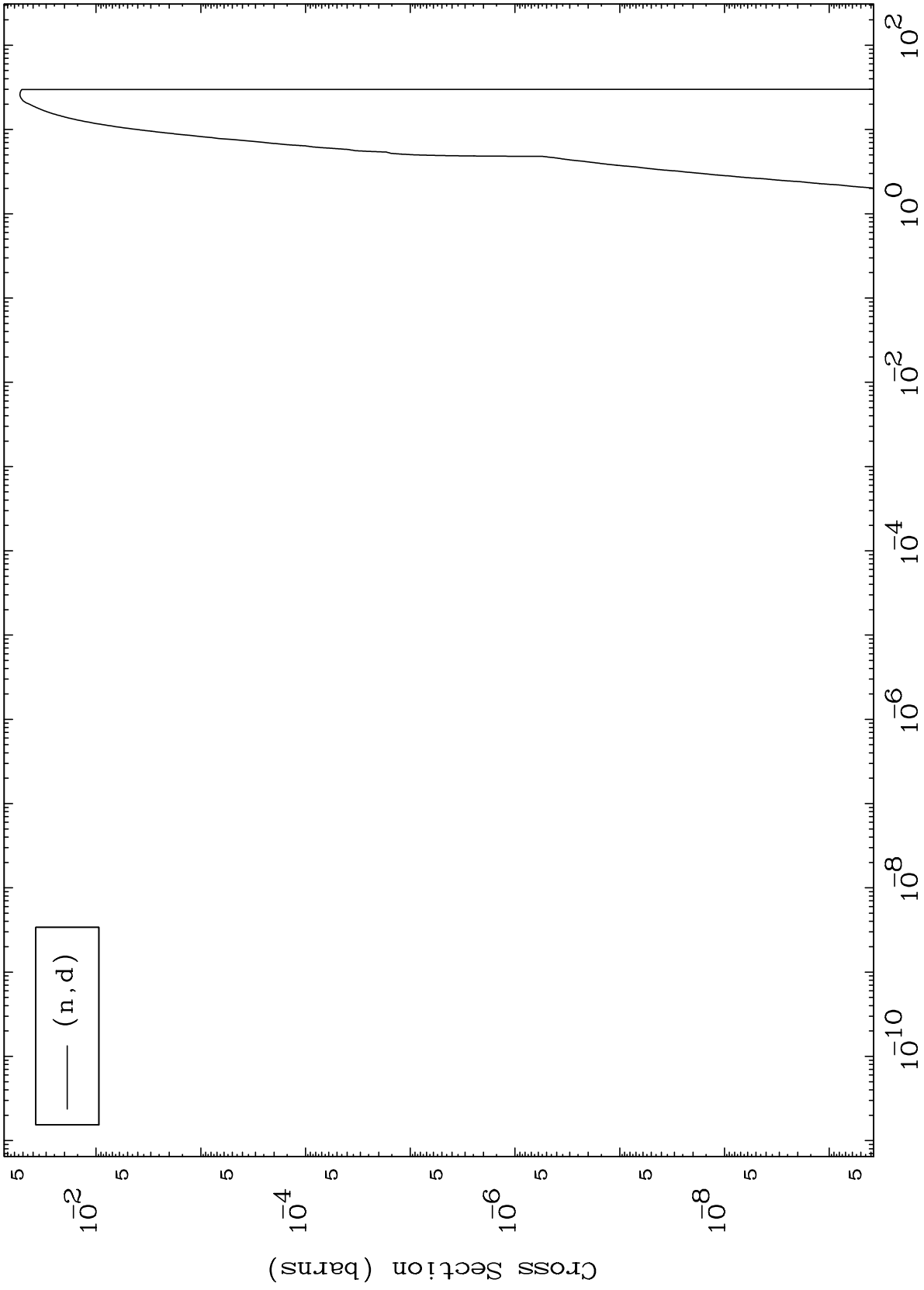
63-Eu-137



MAT 6283

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-137



10

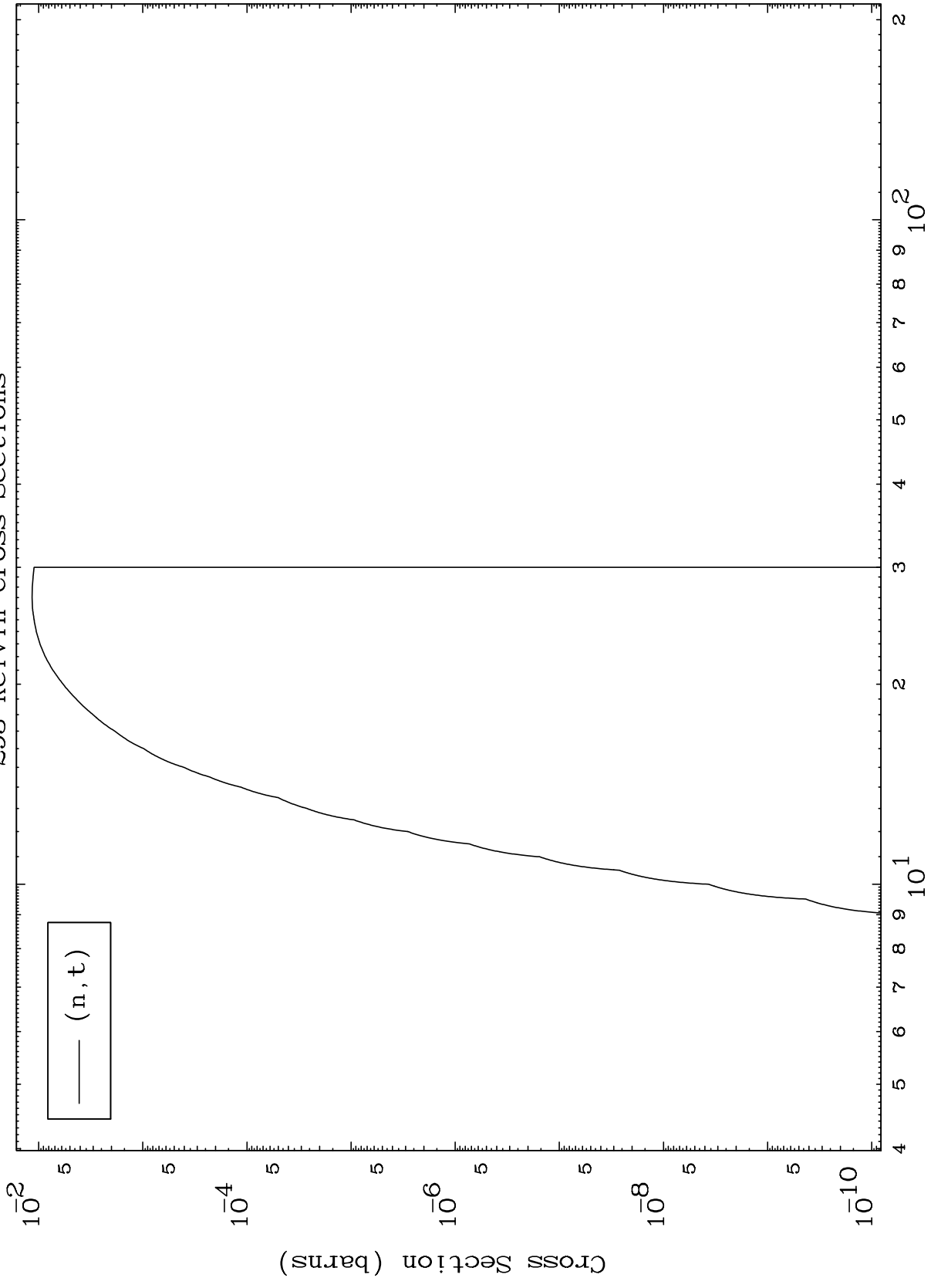
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-137



11

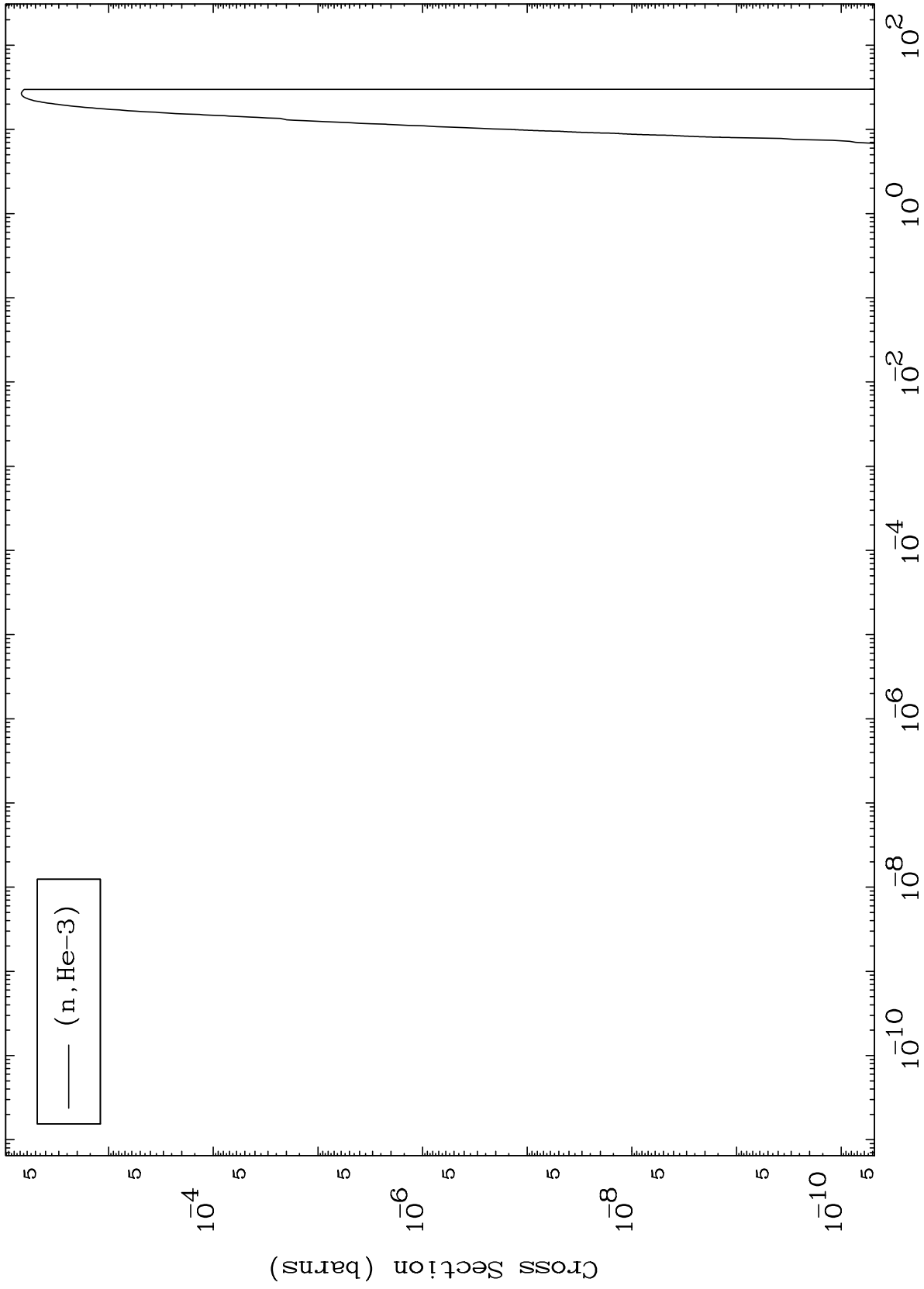
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-137



12

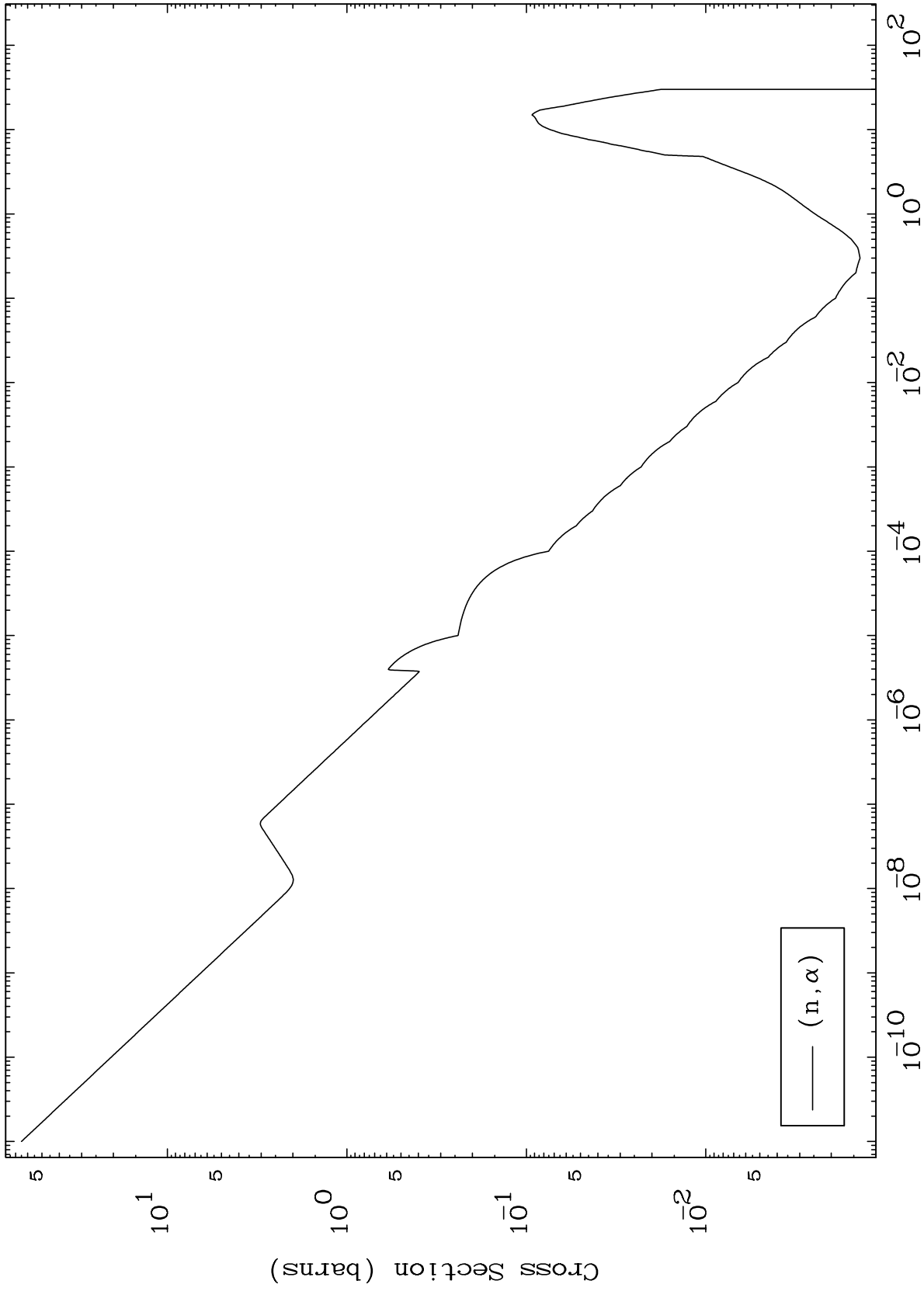
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,α) Levels
293 Kelvin Cross Sections

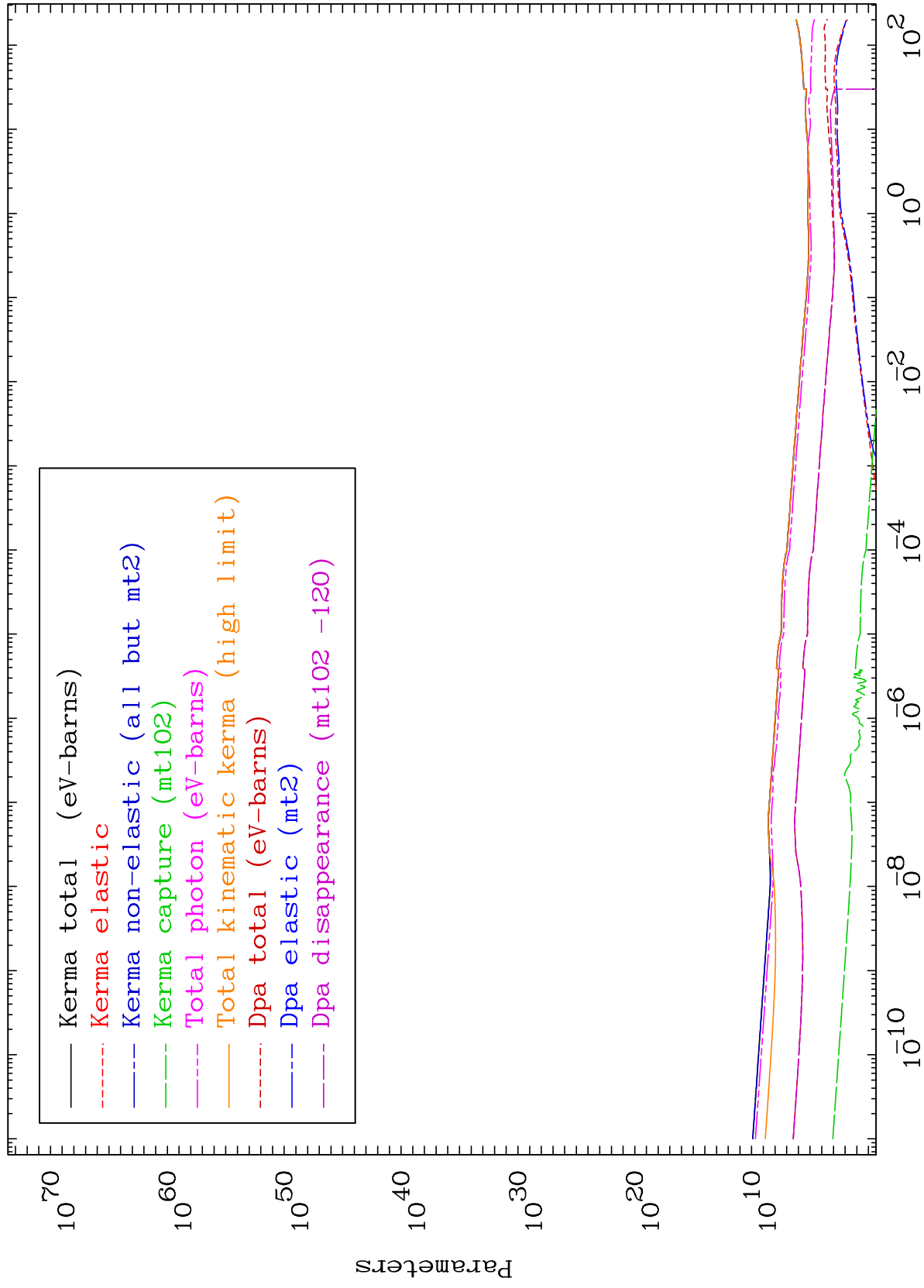
63-Eu-137



13

Incident Energy (MeV)

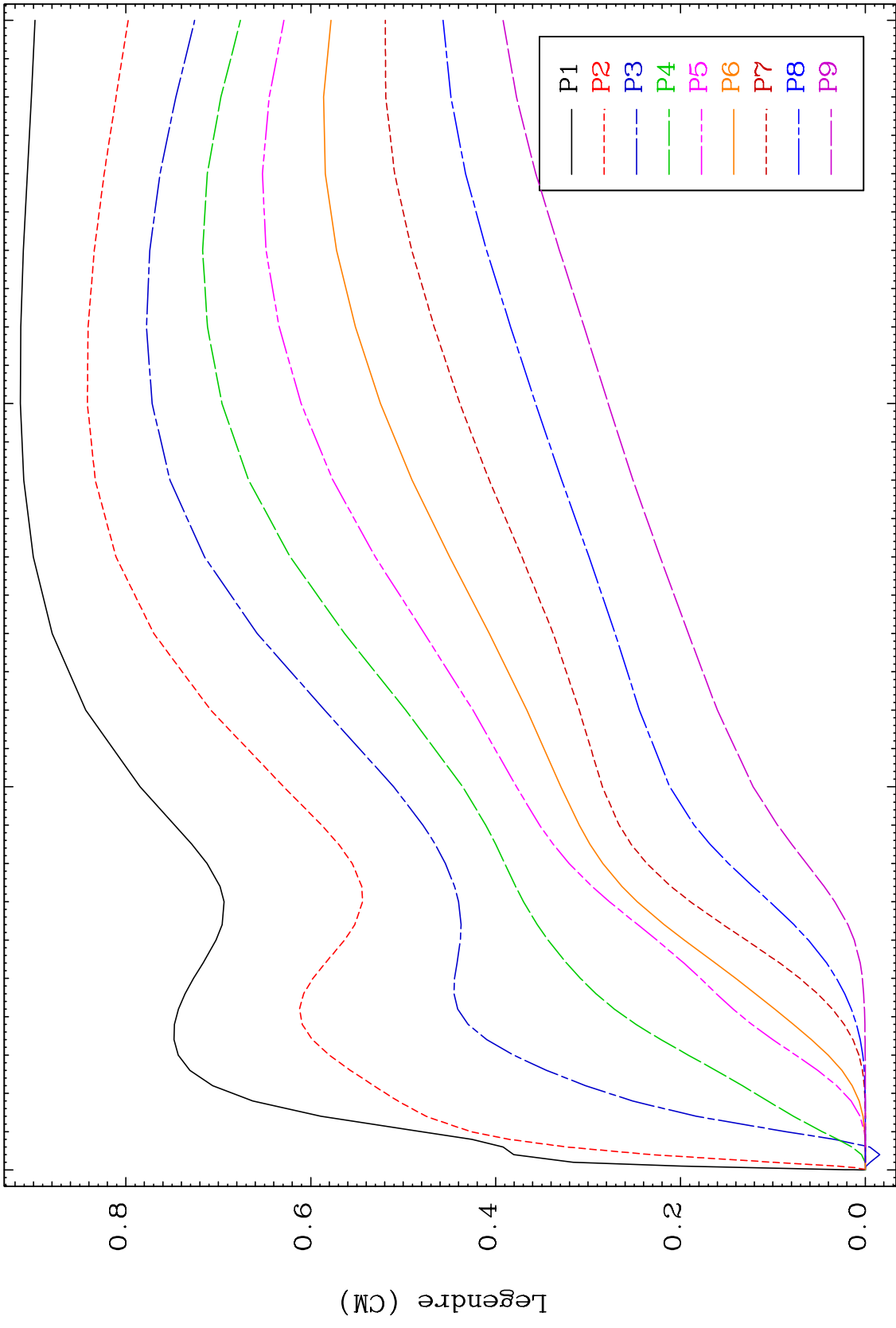
63-Eu-137



MAT 6283

Elastic Legendre Coefficients

63-Eu-137



15

Incident Energy (MeV)

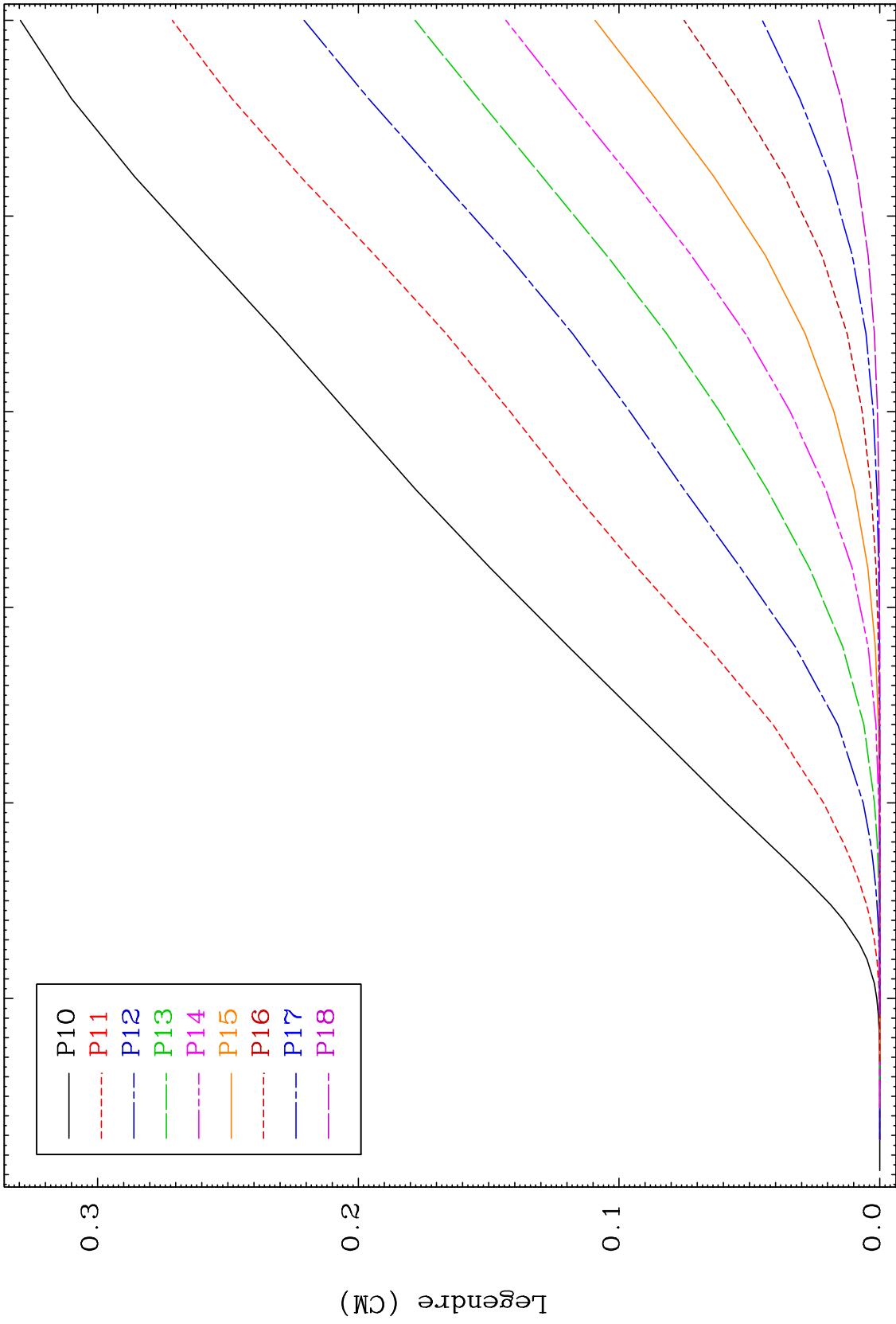
63-Eu-137

30

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



16

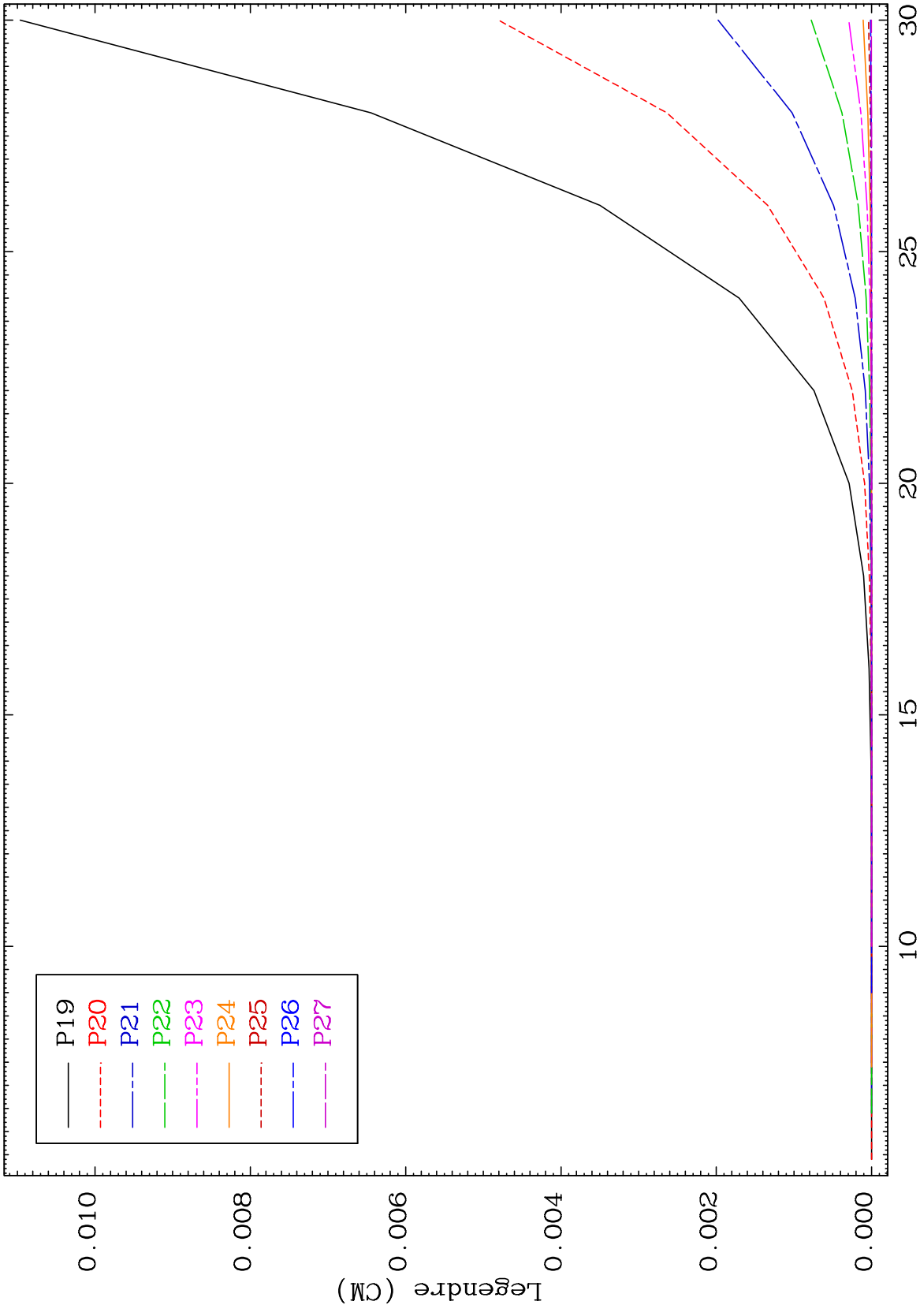
Incident Energy (MeV)

63-Eu-137

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



17

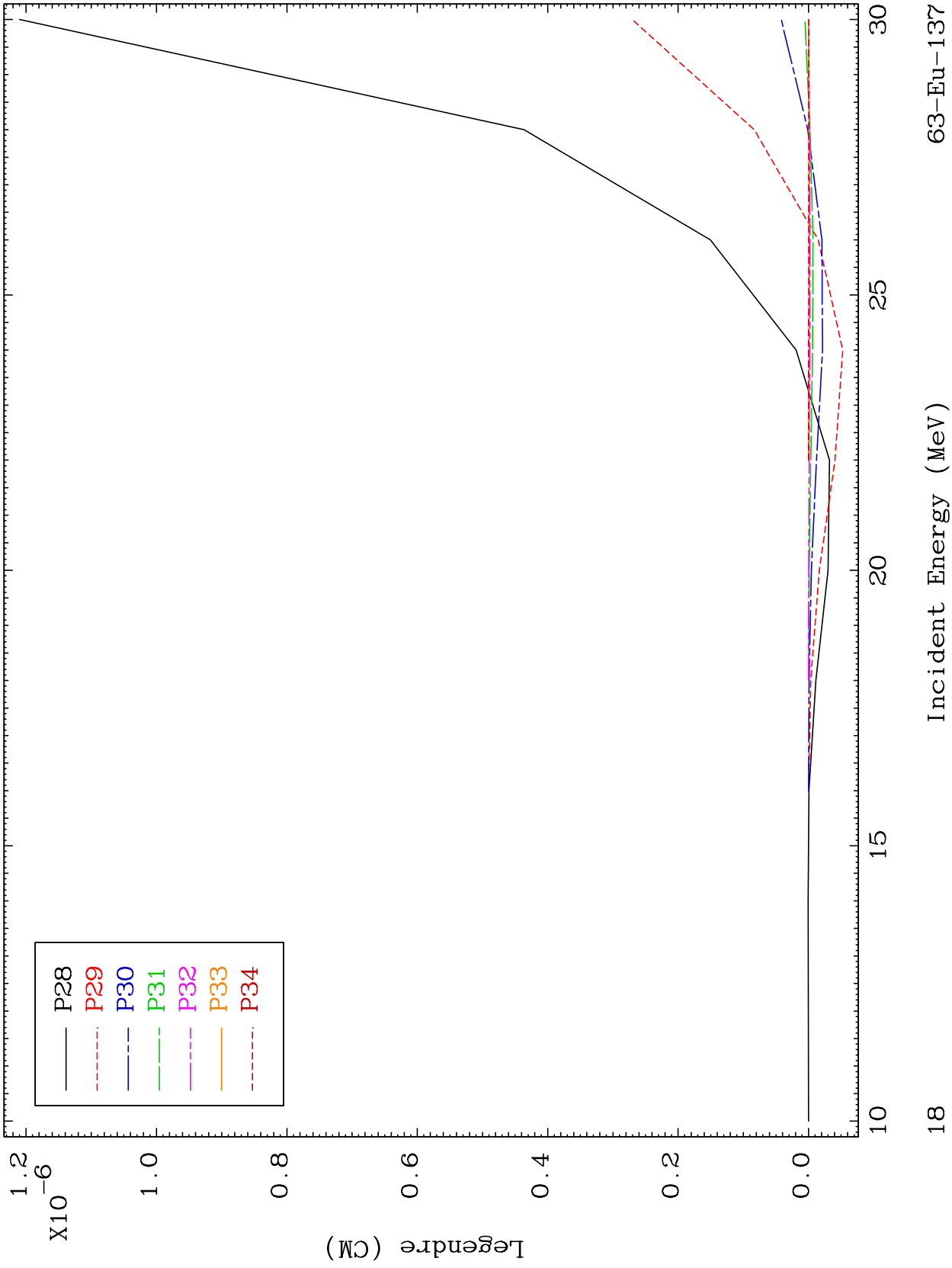
Incident Energy (MeV)

63-Eu-137

MAT 6283

Elastic Legendre Coefficients

63-Eu-137



18

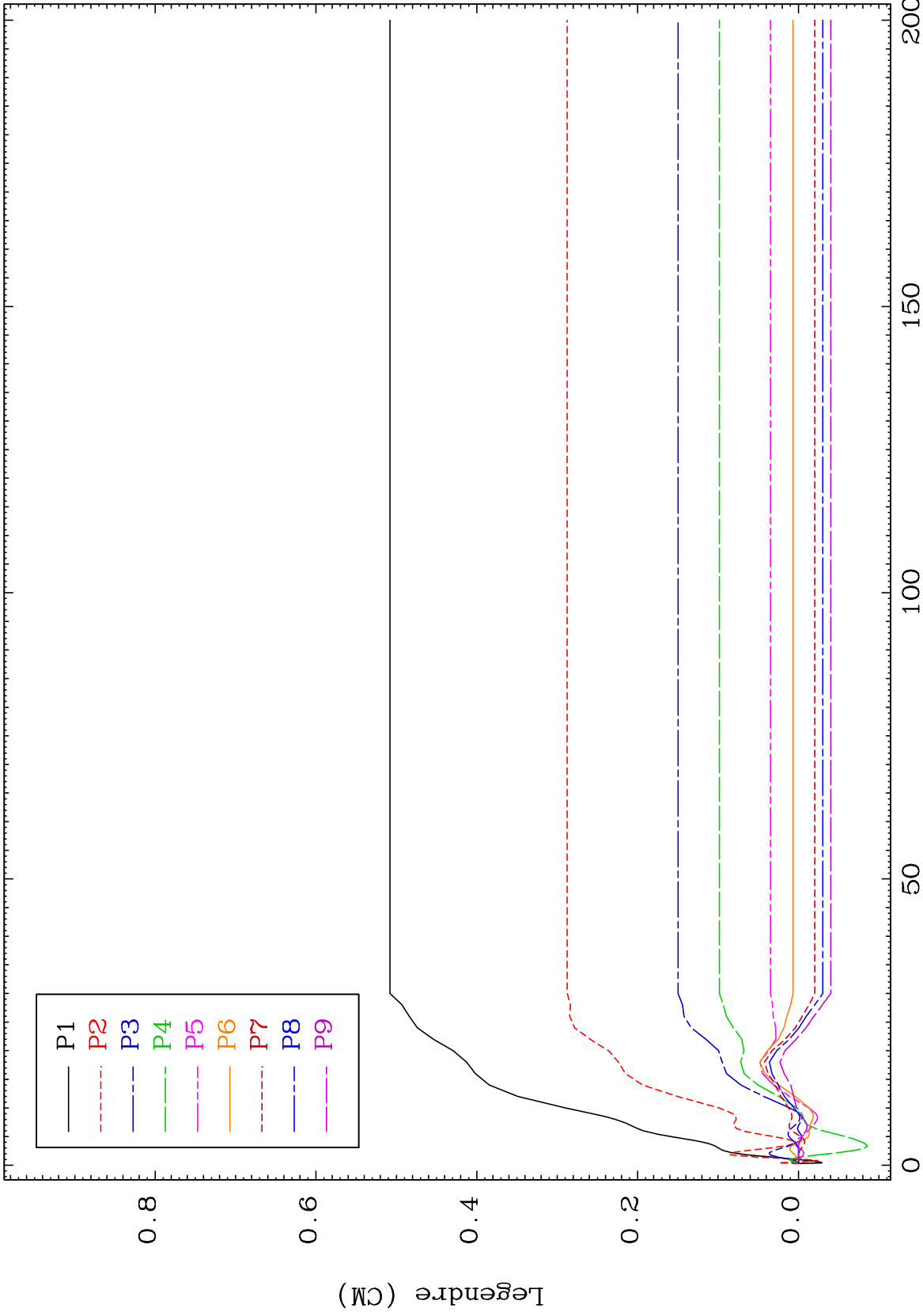
Incident Energy (MeV)

63-Eu-137

MAT 6283

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

63-Eu-137



19

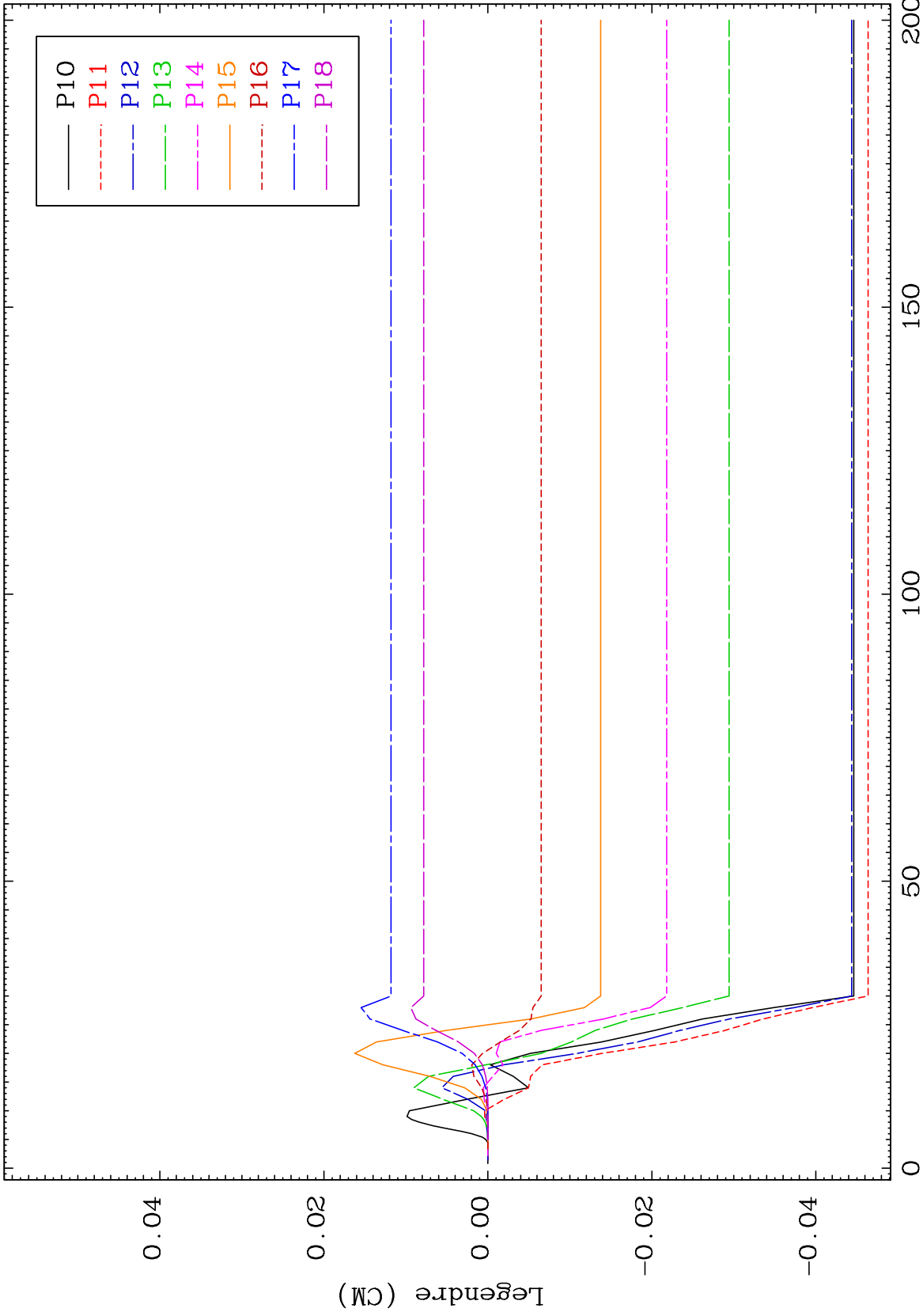
Incident Energy (MeV)

63-Eu-137

MAT 6283

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

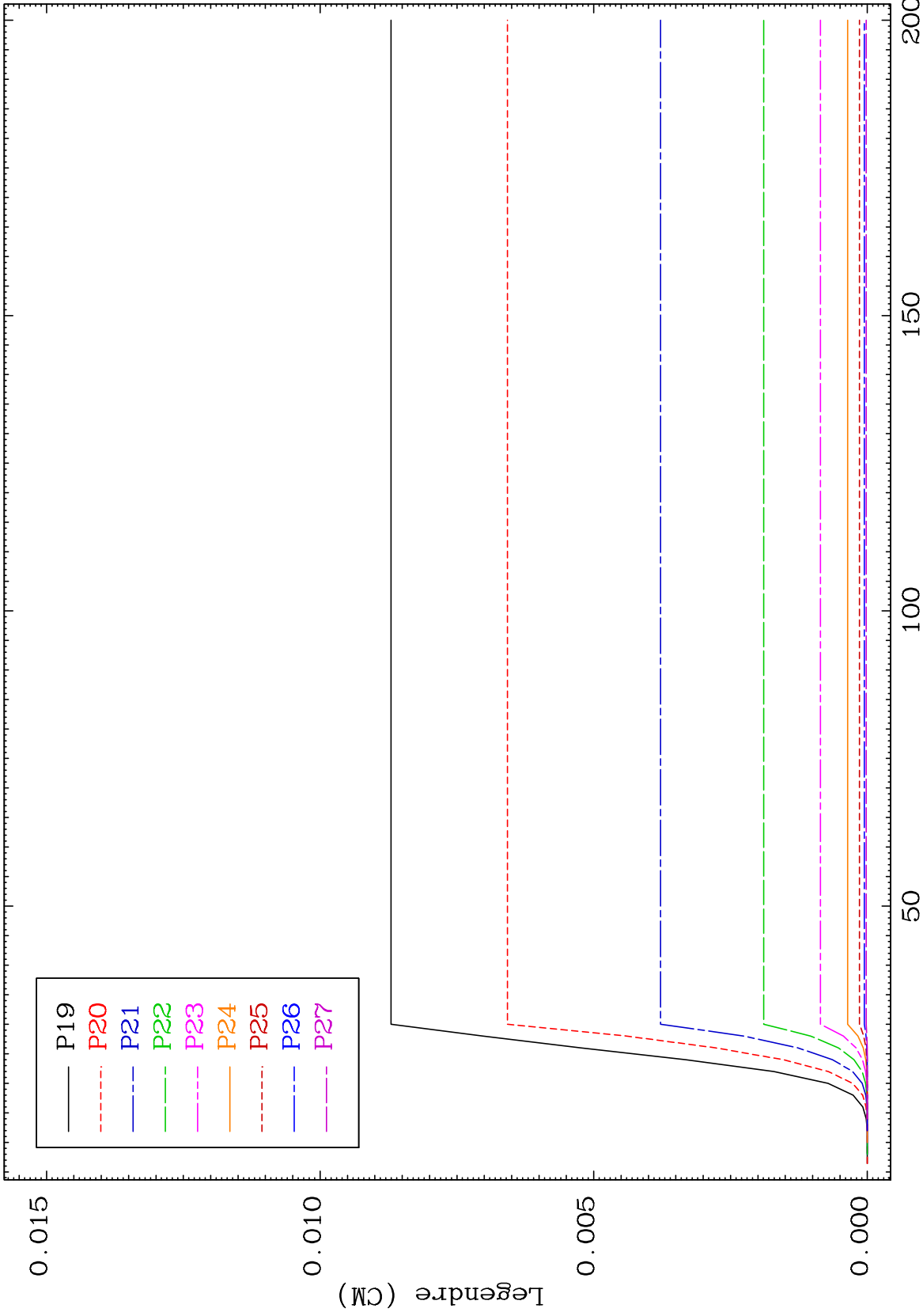
63-Eu-137



20

Incident Energy (MeV)

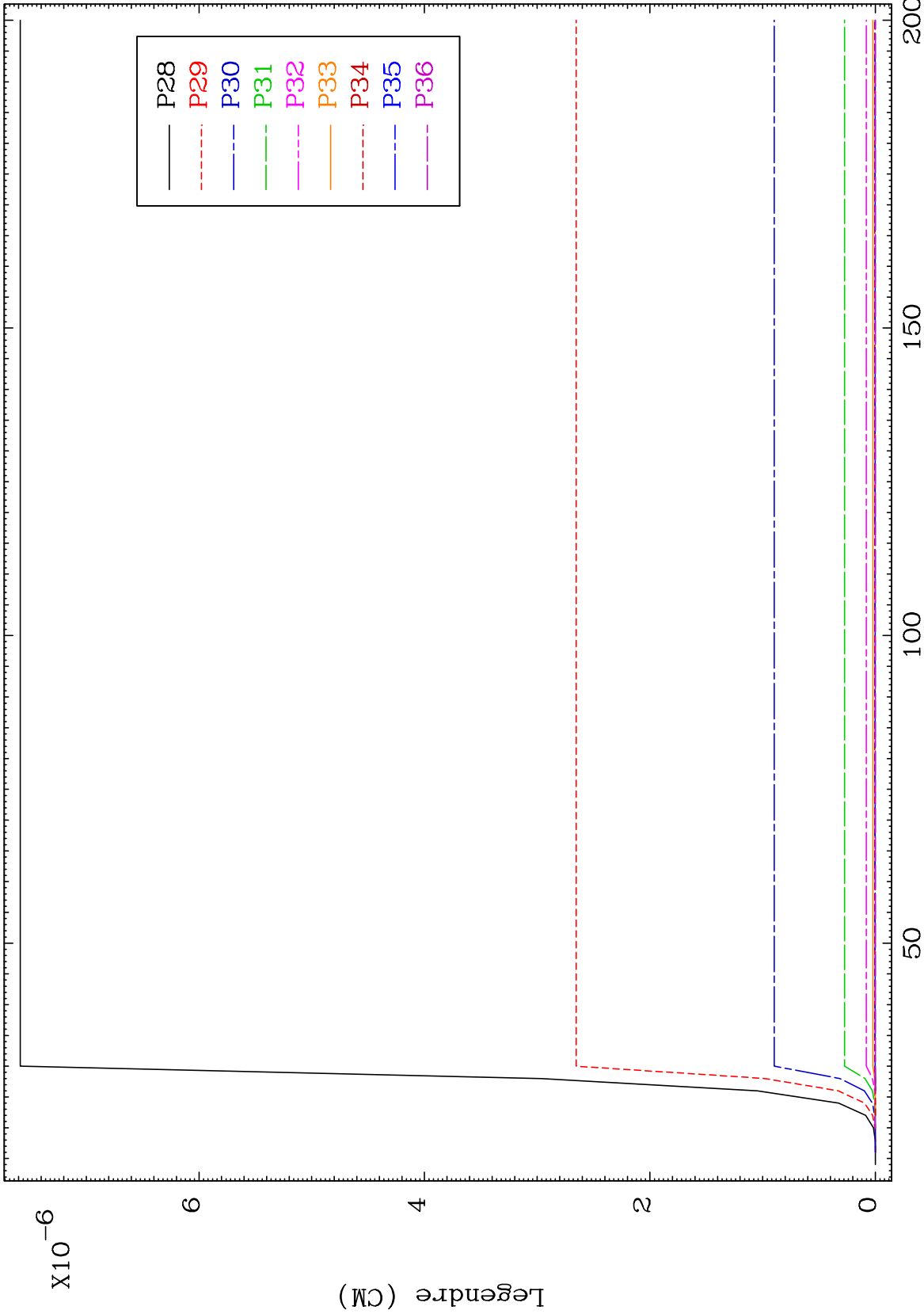
63-Eu-137



MAT 6283

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

63-Eu-137



22

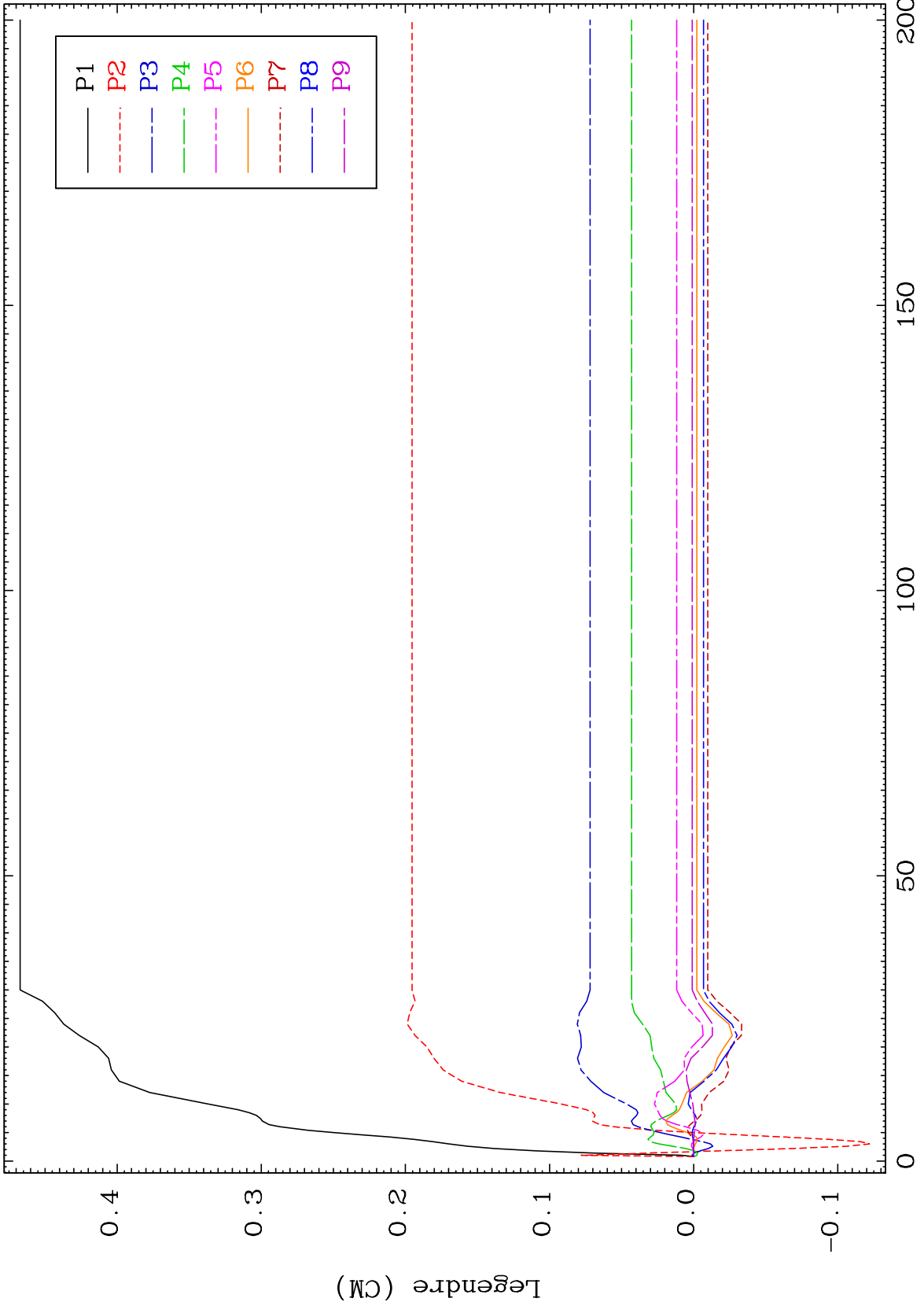
Incident Energy (MeV)

63-Eu-137

MAT 6283

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-137



23

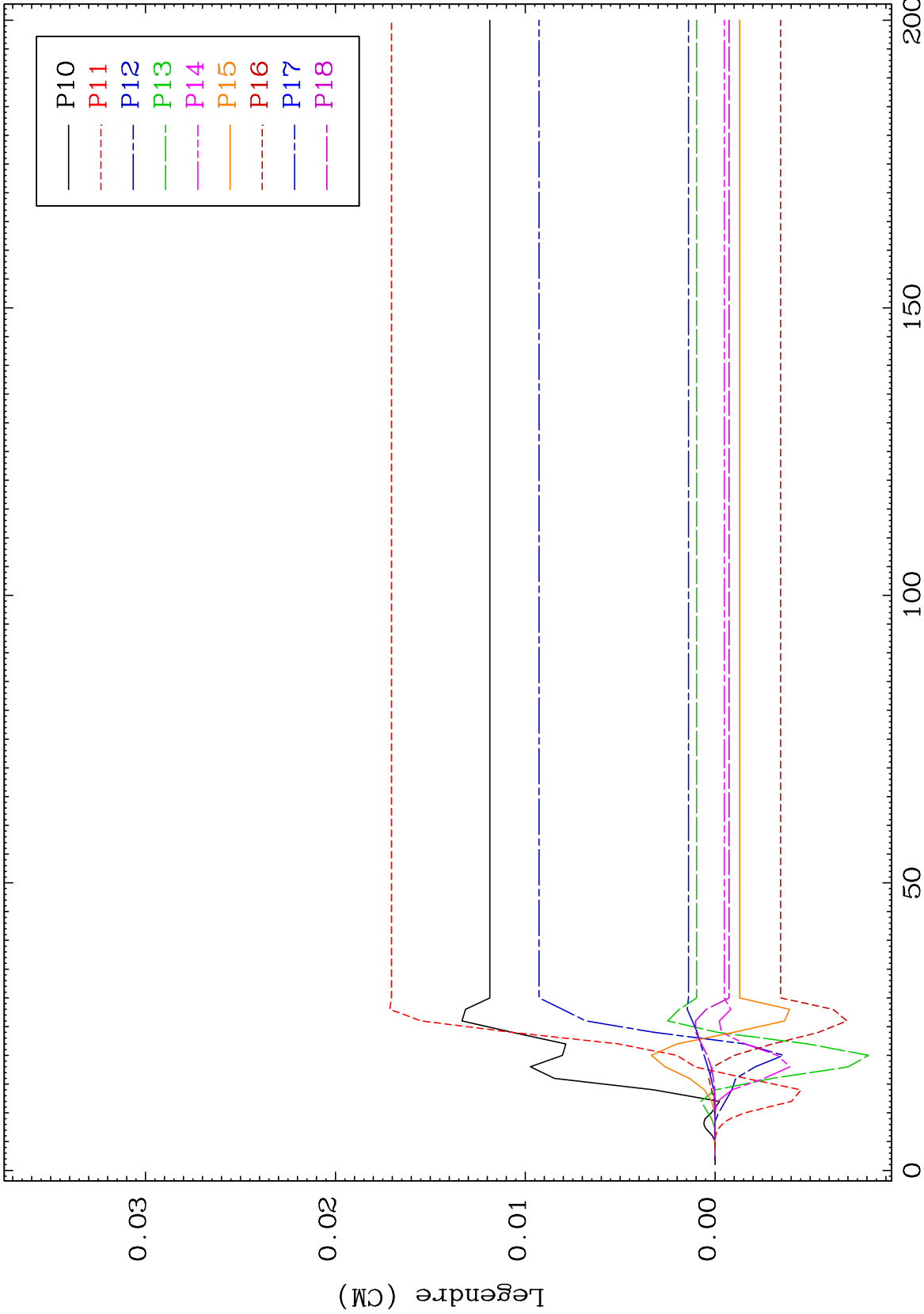
Incident Energy (MeV)

63-Eu-137

MAT 6283

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-137



24

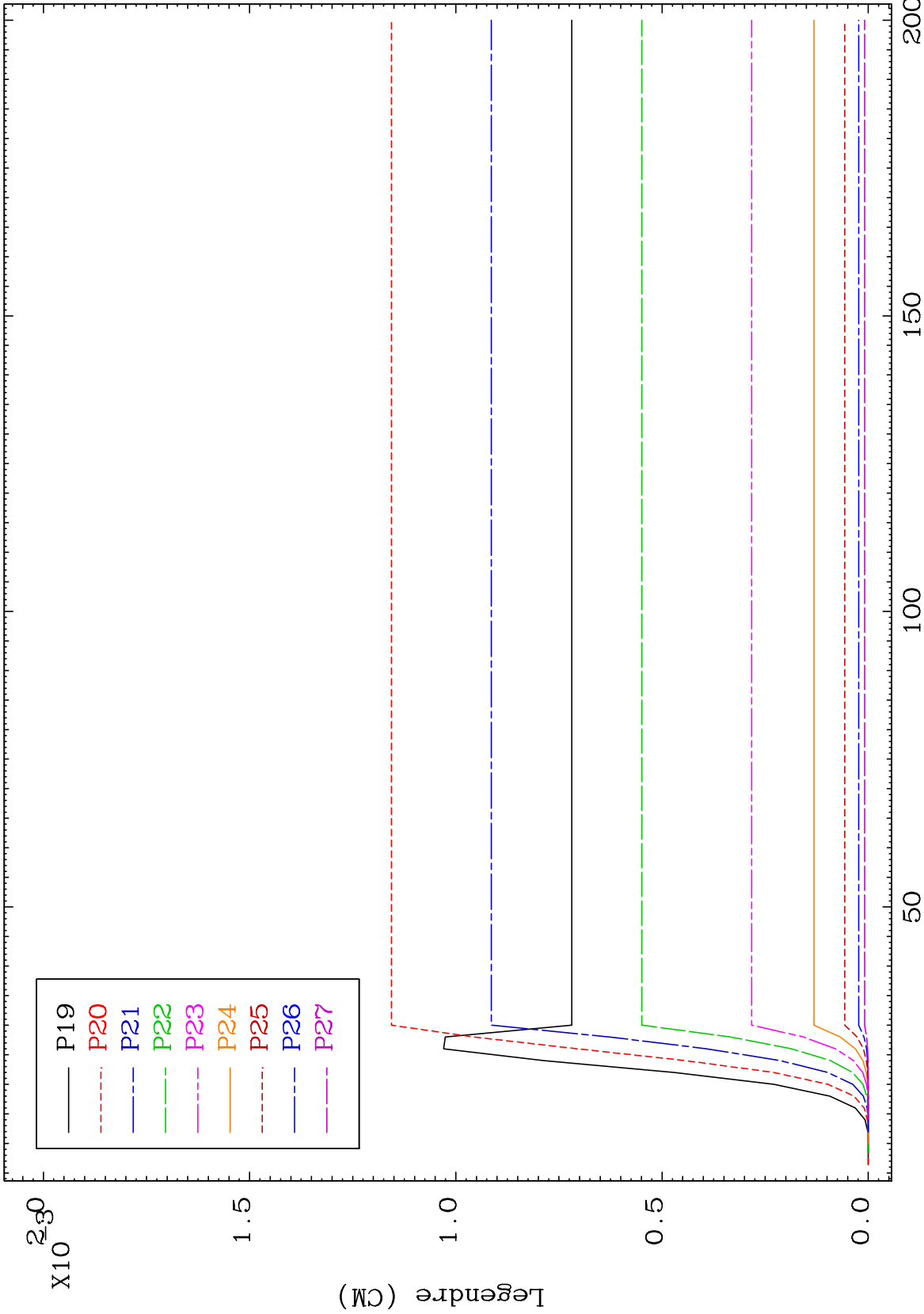
Incident Energy (MeV)

63-Eu-137

MAT 6283

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-137



25

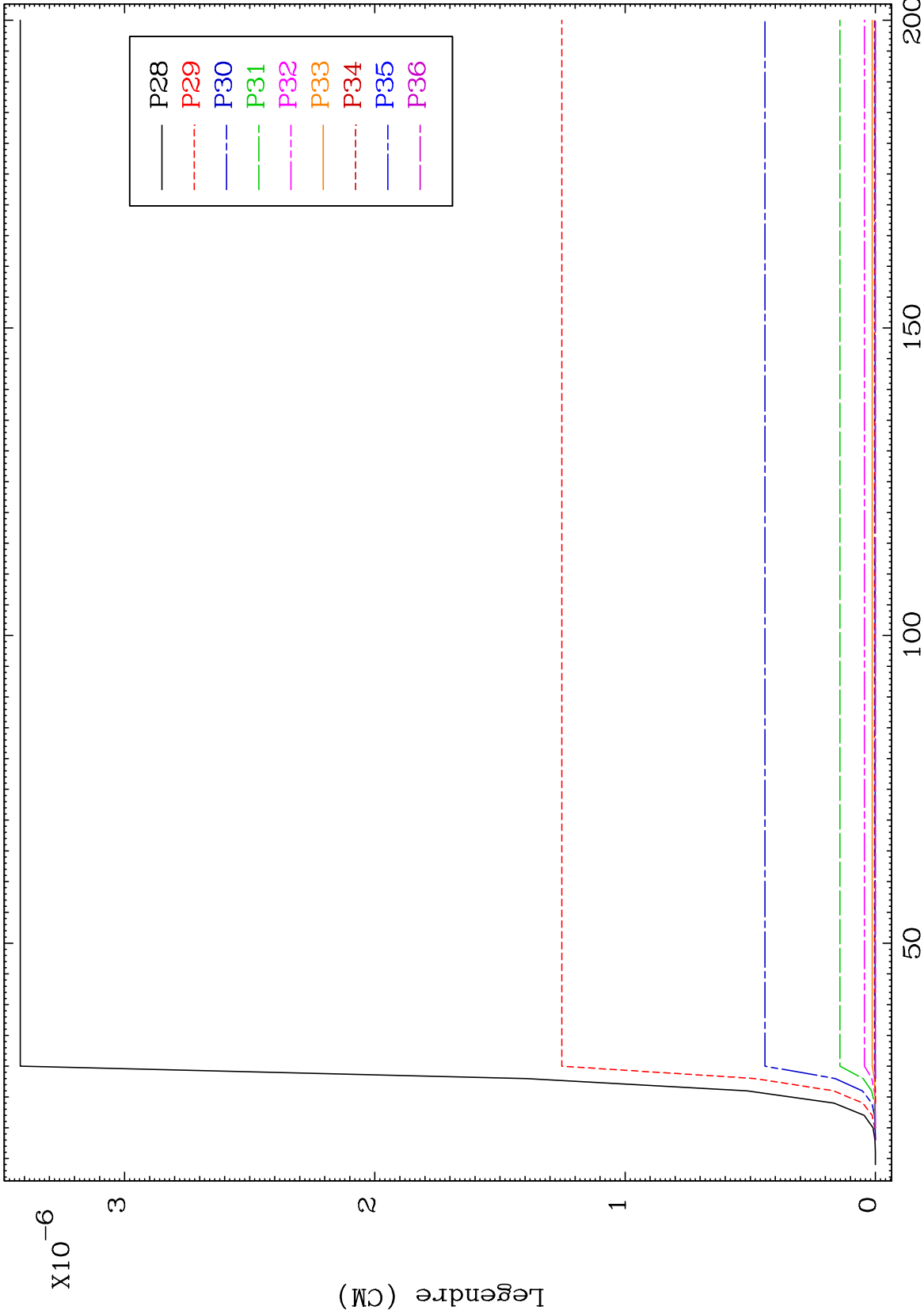
Incident Energy (MeV)

63-Eu-137

MAT 6283

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-137



26

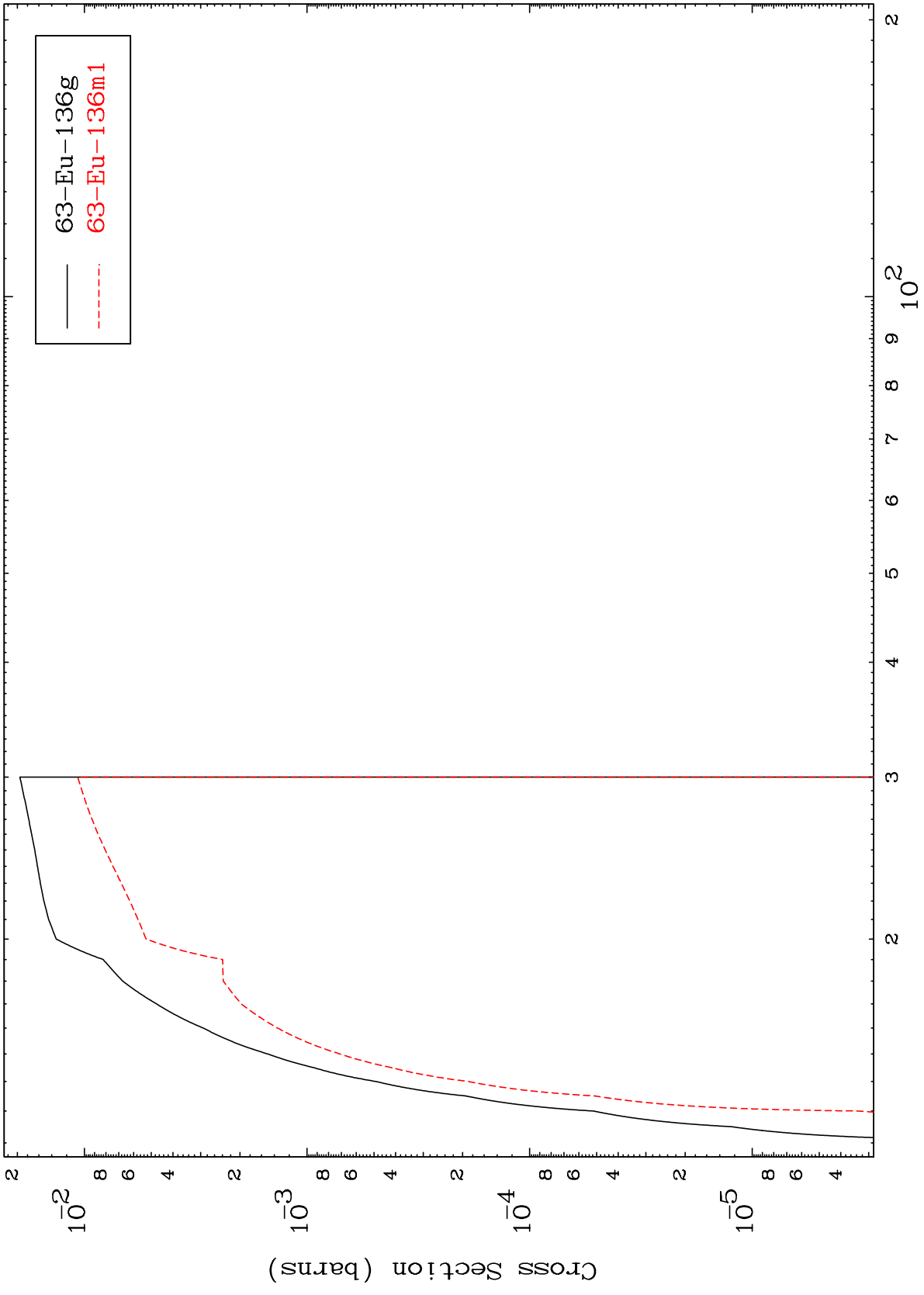
63-Eu-137

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(n,2n)

63-Eu-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

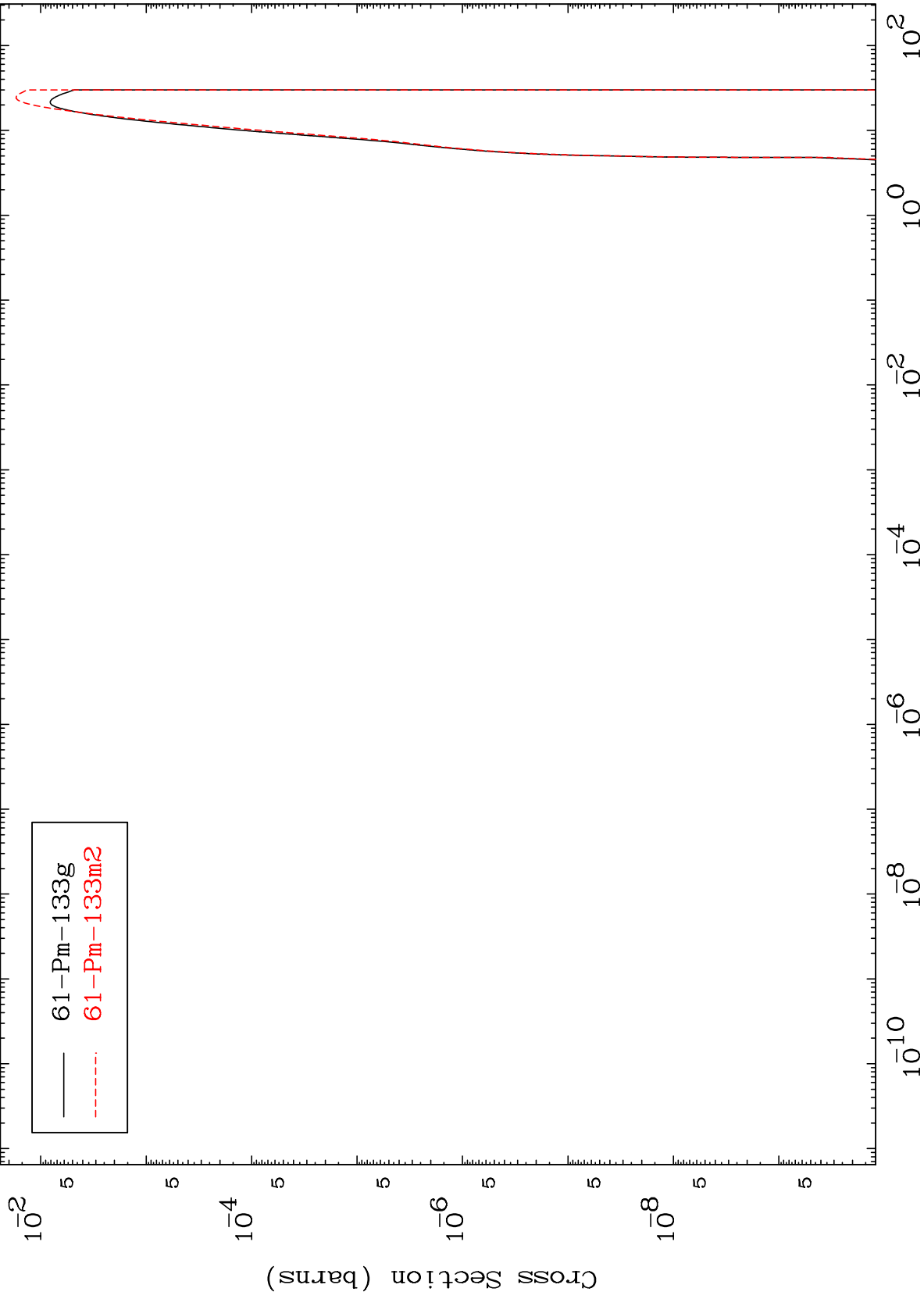
63-Eu-137

MAT 6283

(n,n') α

63-Eu-137

Radionuclide Production Cross Section

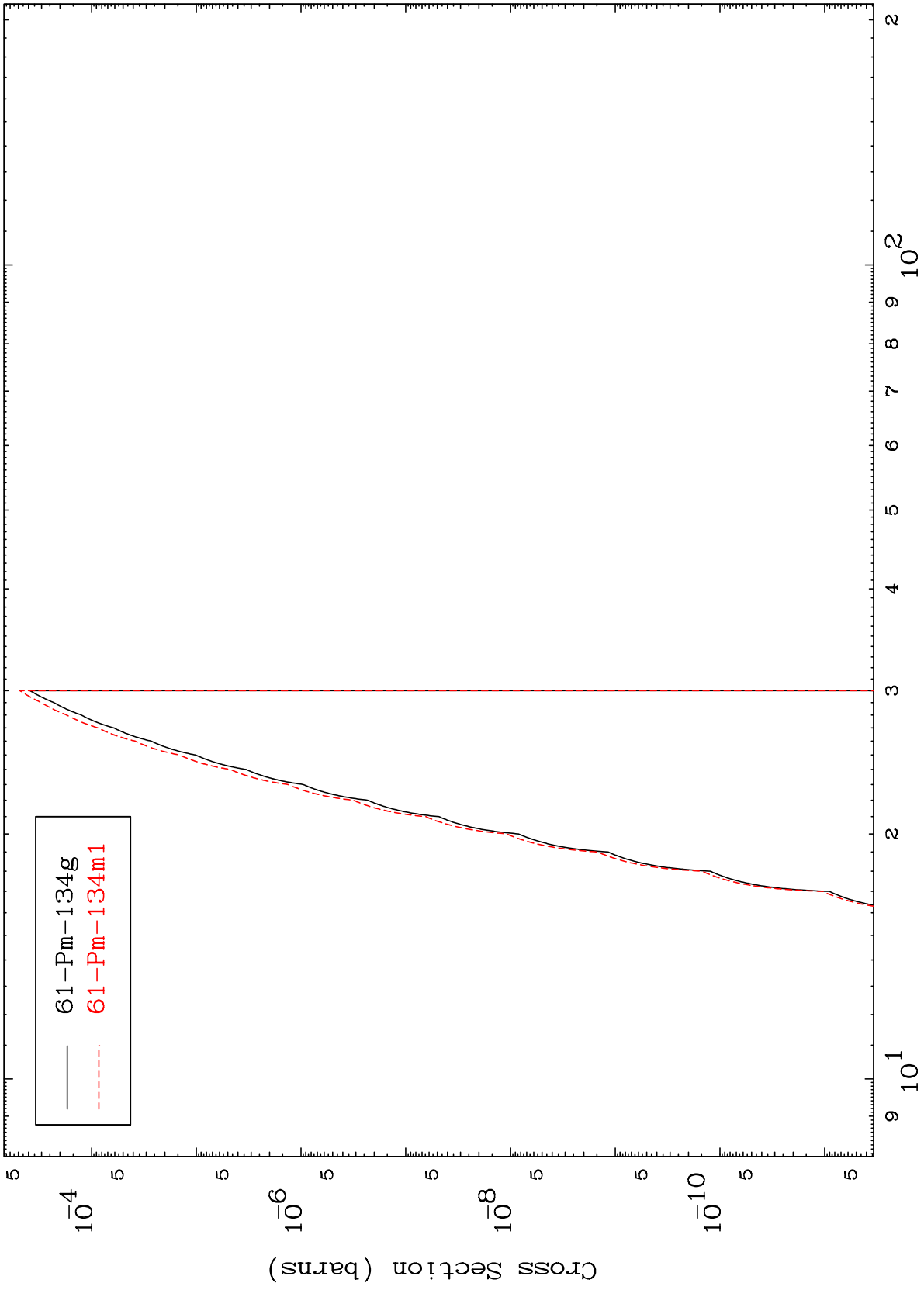


MAT 6283

(n, n') He-3

63-Eu-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

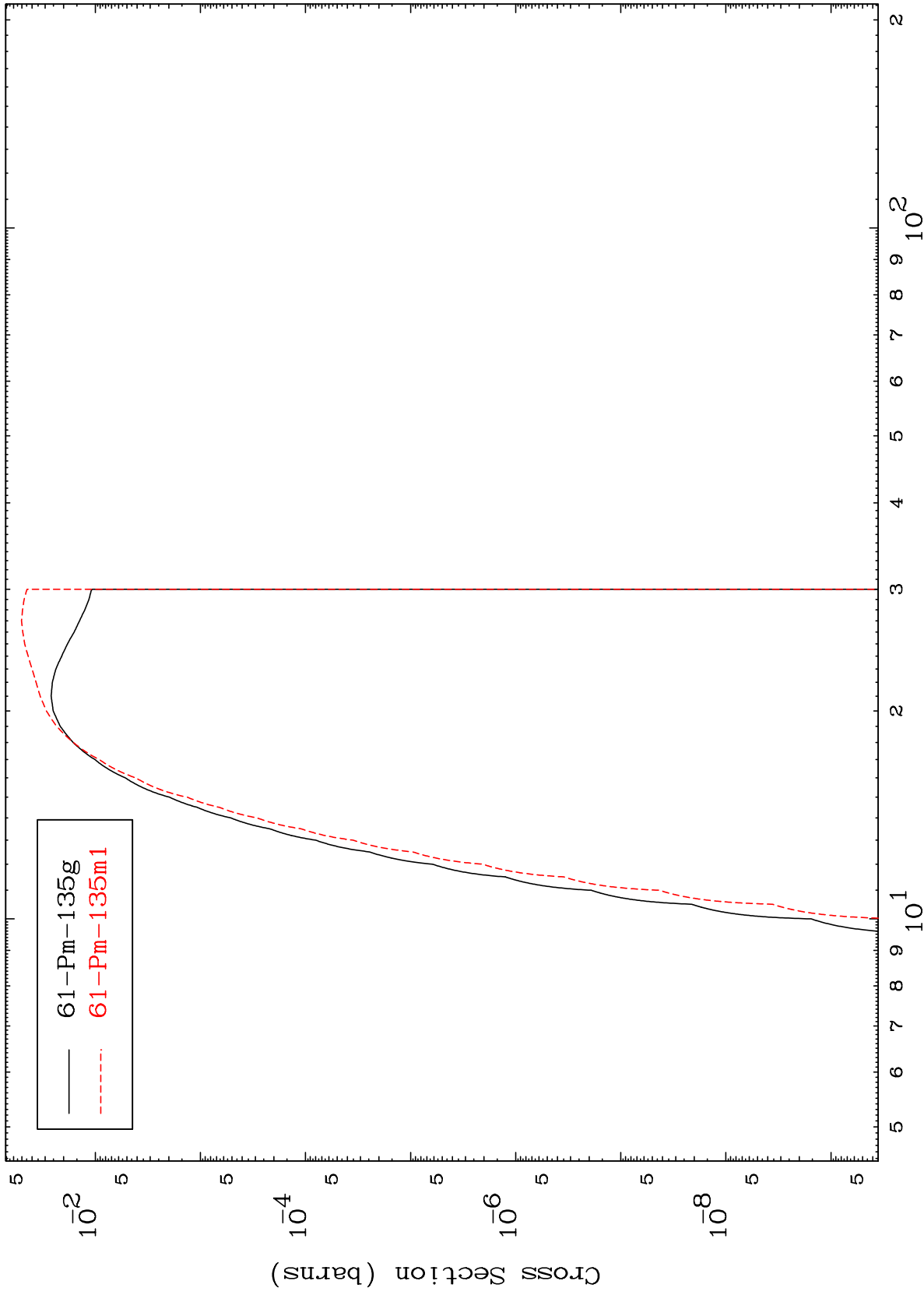
63-Eu-137

MAT 6283

(n,2n) p

63-Eu-137

Radionuclide Production Cross Section



30

Incident Energy (MeV)

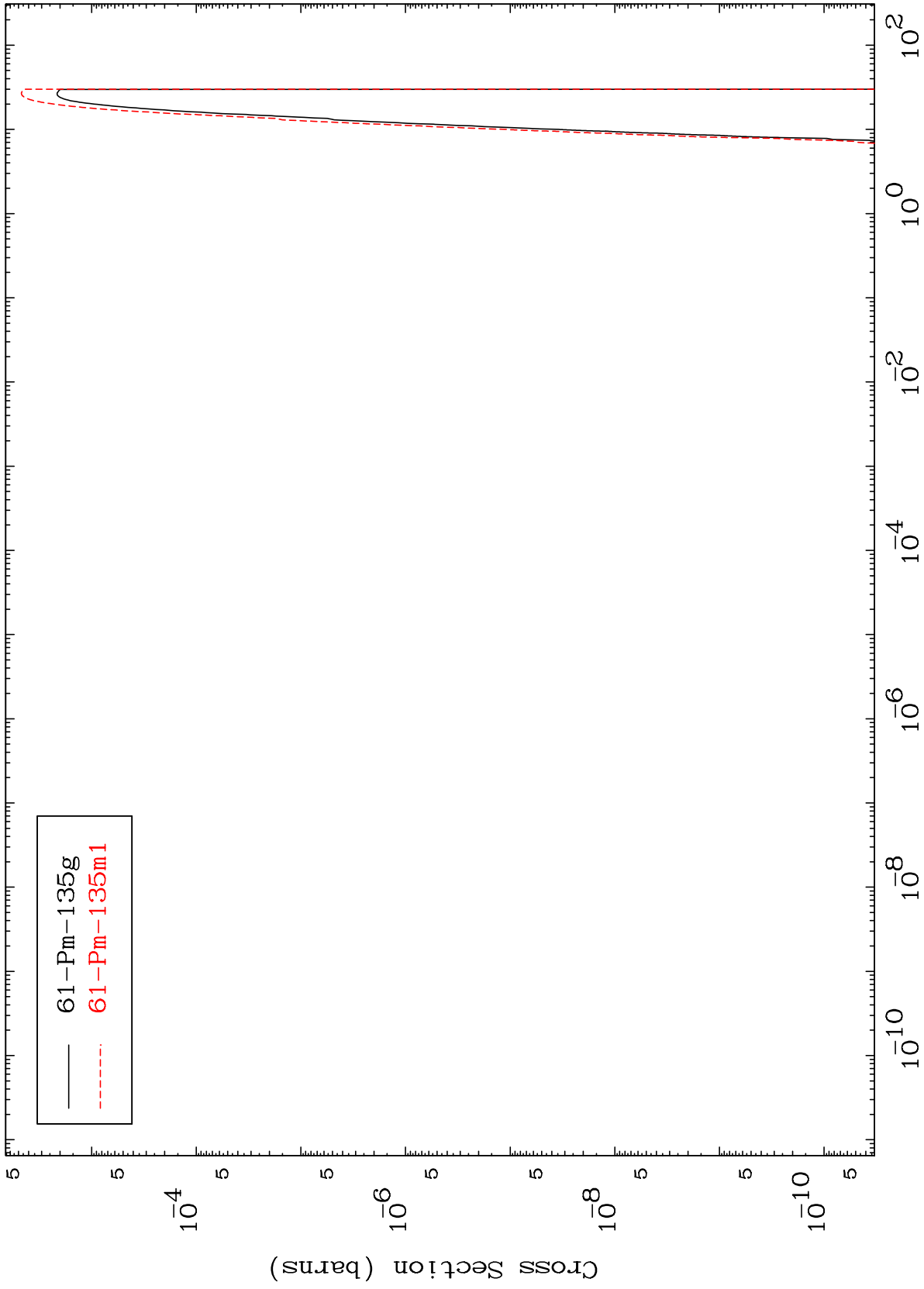
63-Eu-137

MAT 6283

(n, He-3)

63-Eu-137

Radionuclide Production Cross Section



31

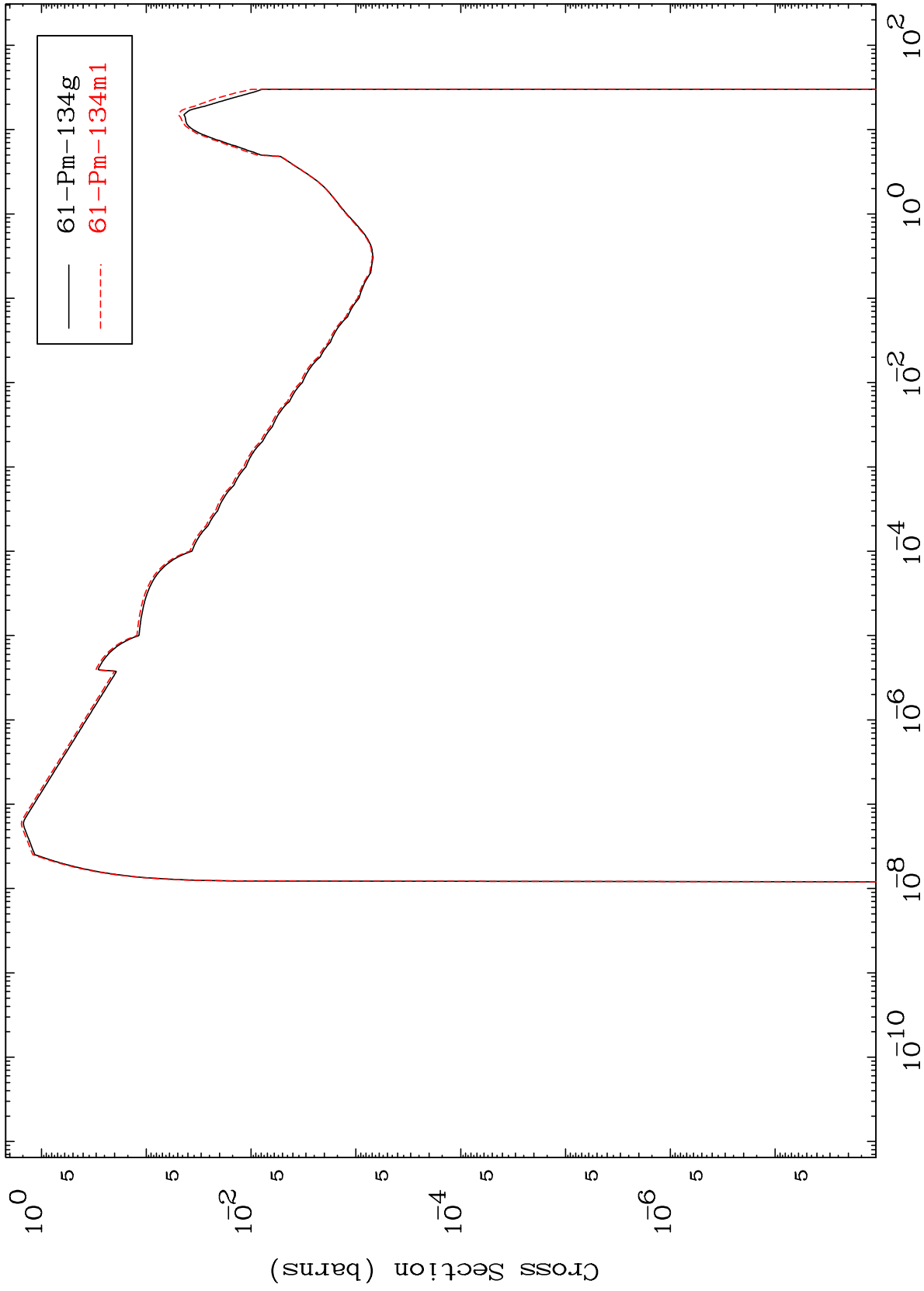
Incident Energy (MeV)

63-Eu-137

MAT 6283

63-Eu-137

(n, α)
Radionuclide Production Cross Section



32

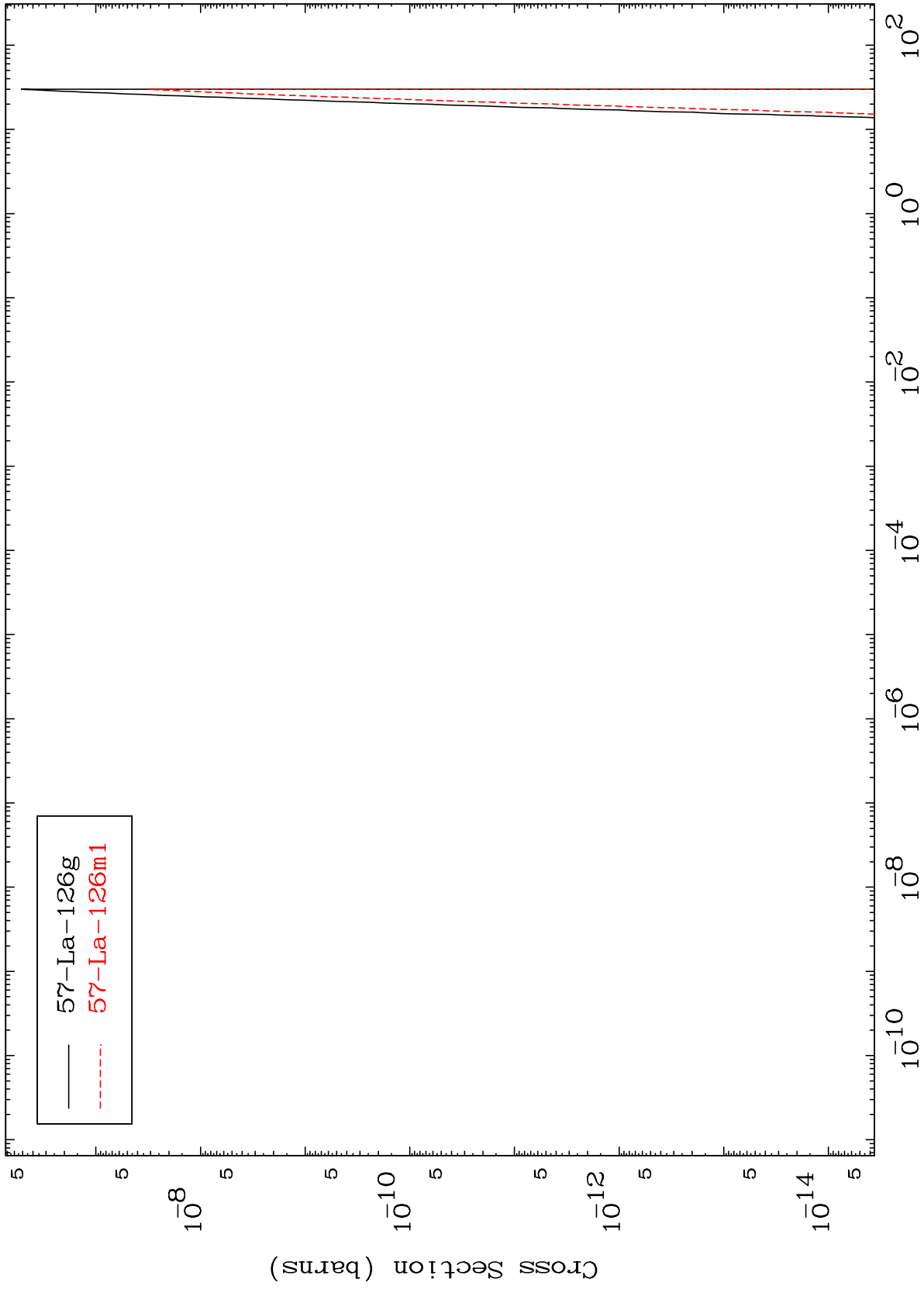
63-Eu-137

MAT 6283

(n,3α)

63-Eu-137

Radionuclide Production Cross Section



33

Incident Energy (MeV)

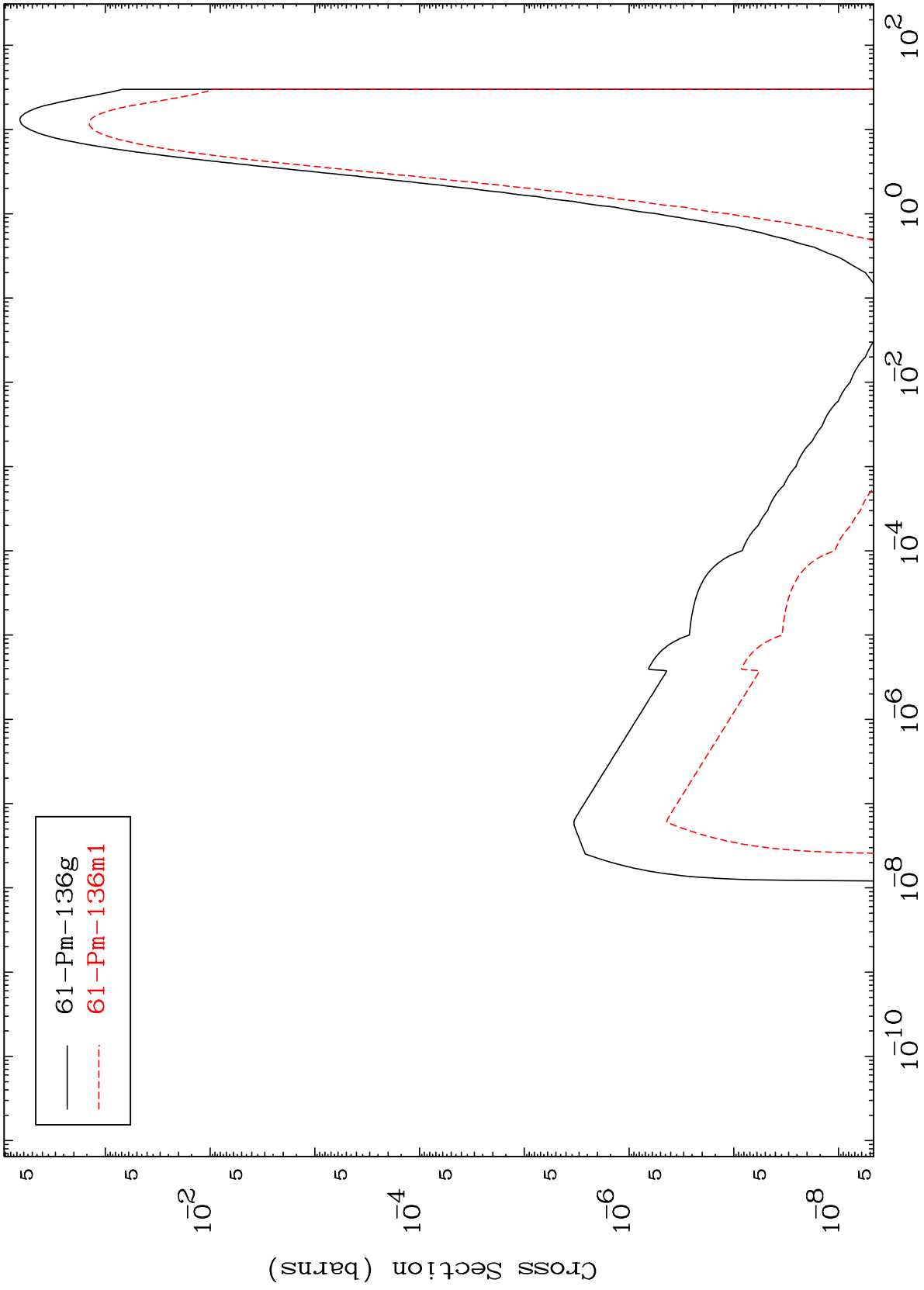
63-Eu-137

MAT 6283

(n,2p)

63-Eu-137

Radionuclide Production Cross Section



34

Incident Energy (MeV)

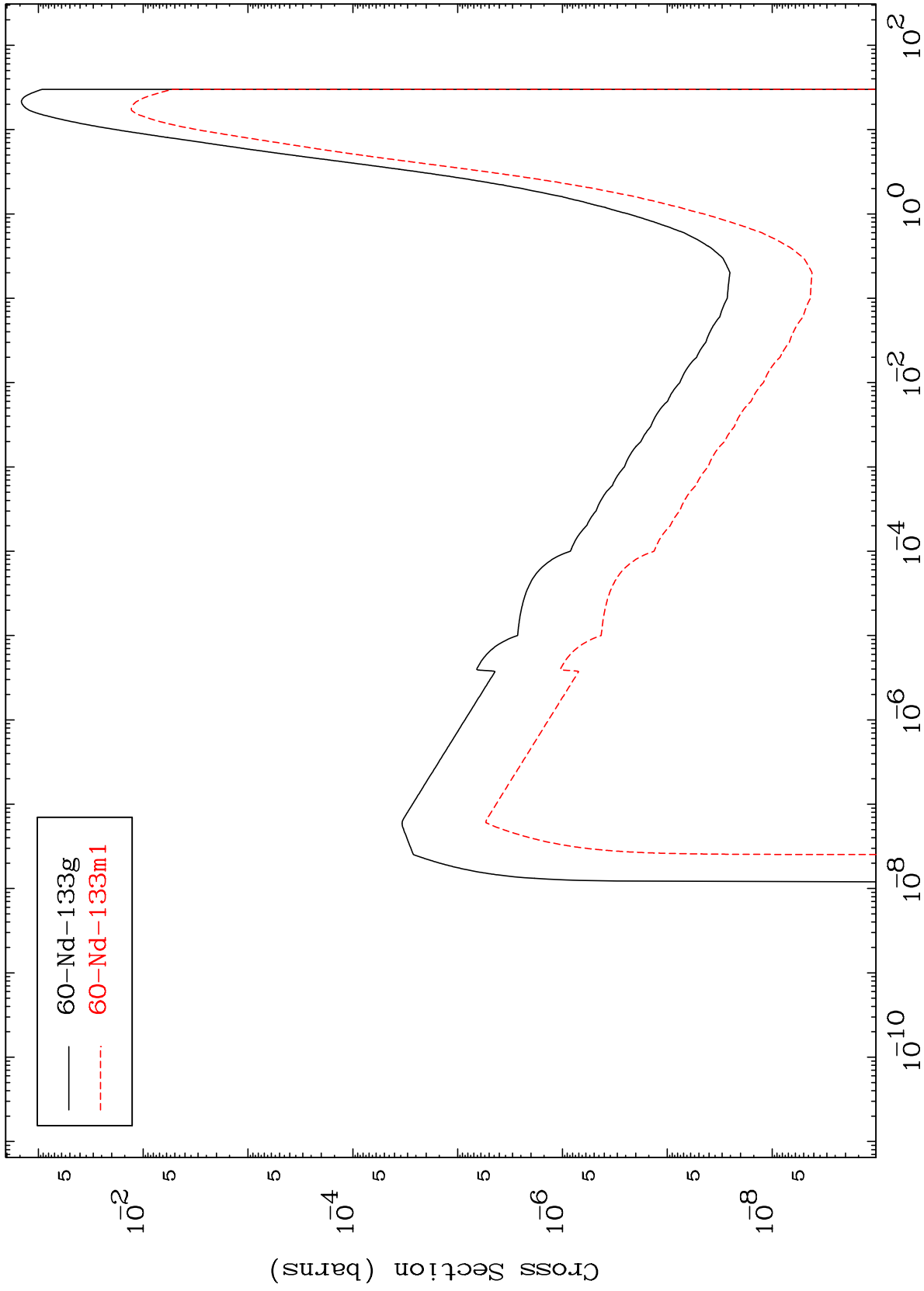
63-Eu-137

MAT 6283

(n,p) α

63-Eu-137

Radionuclide Production Cross Section



35

Incident Energy (MeV)

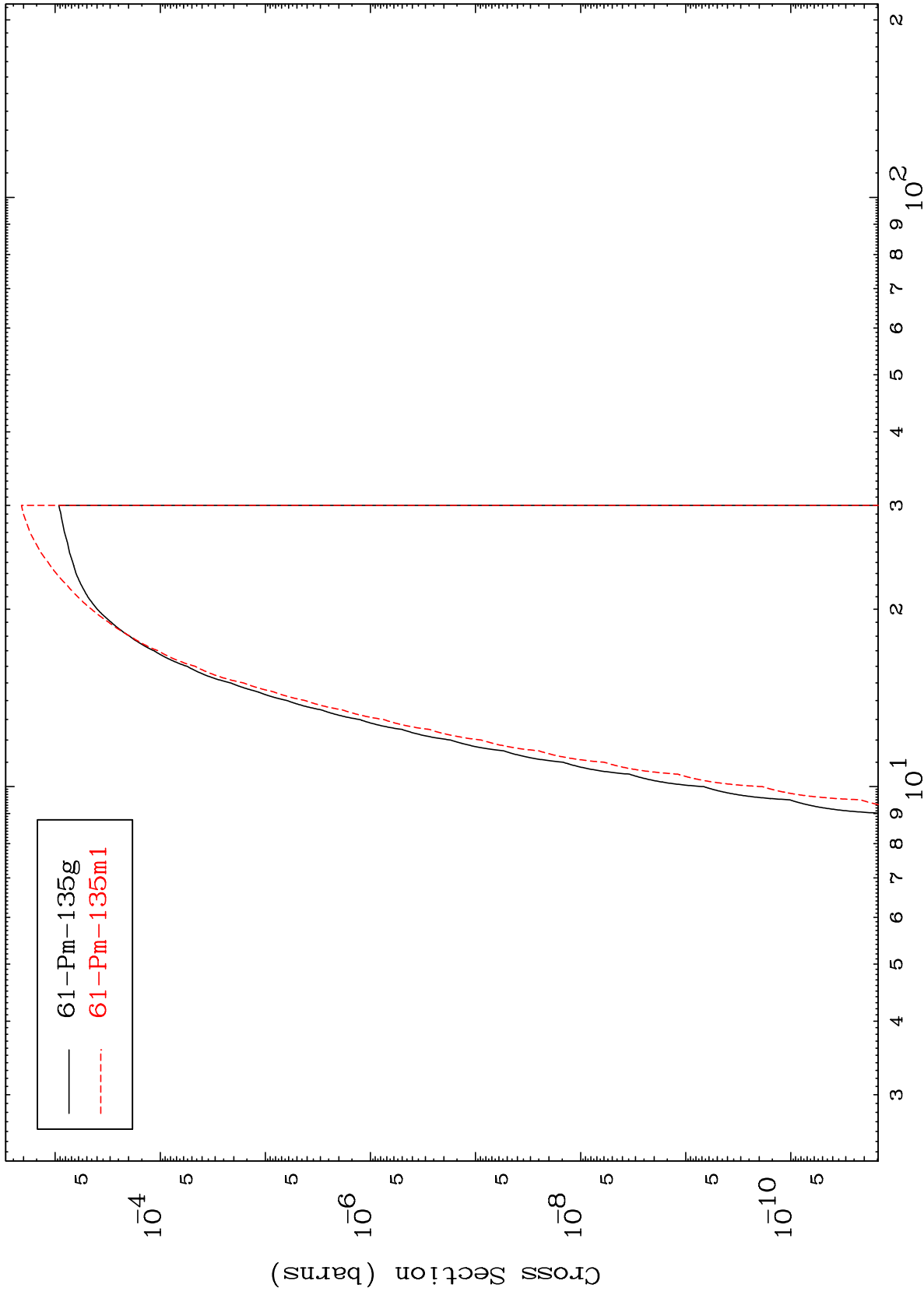
63-Eu-137

MAT 6283

(n,p) d

63-Eu-137

Radionuclide Production Cross Section



36

Incident Energy (MeV)

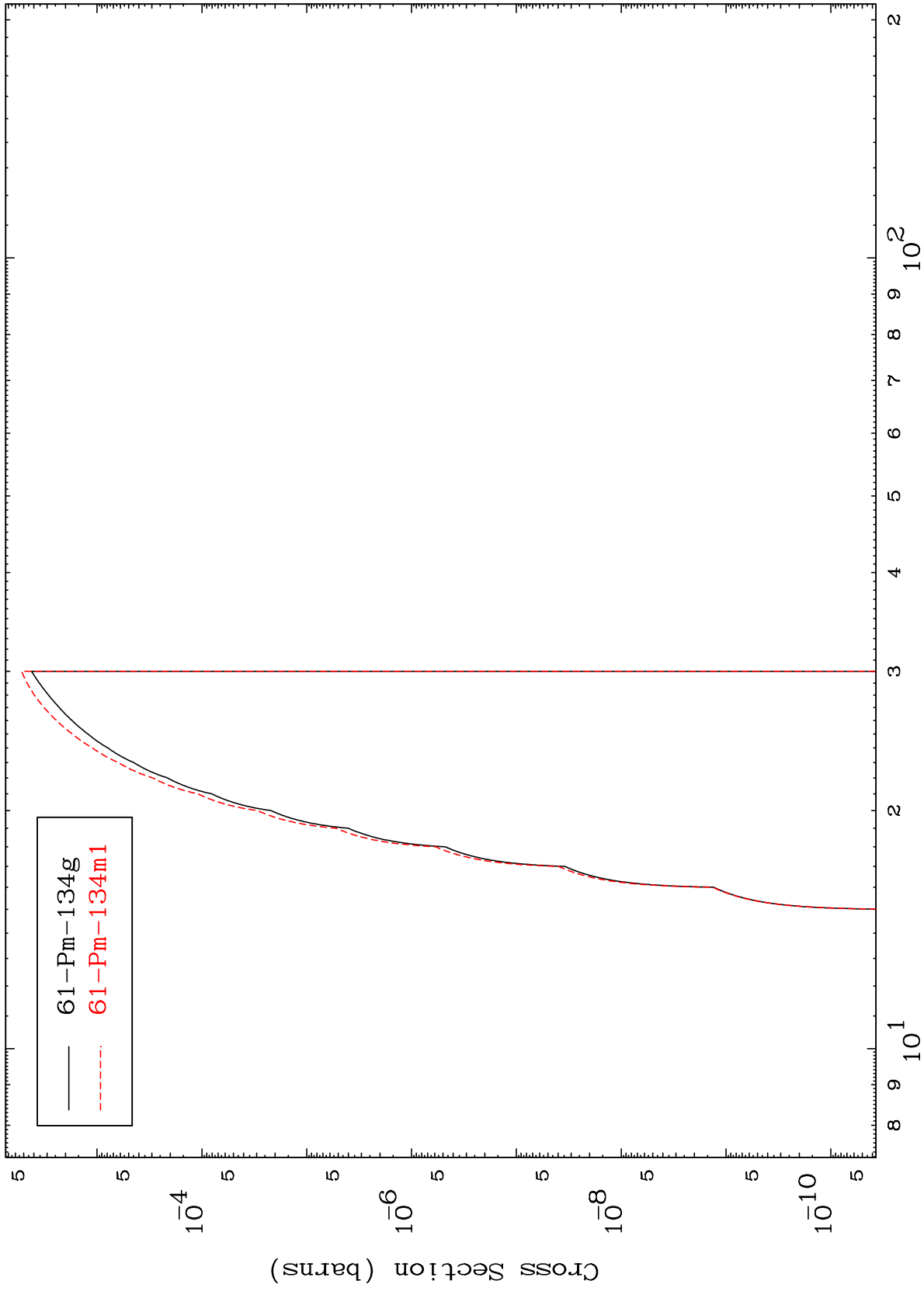
63-Eu-137

MAT 6283

(n,p) t

63-Eu-137

Radionuclide Production Cross Section



37

Incident Energy (MeV)

63-Eu-137