

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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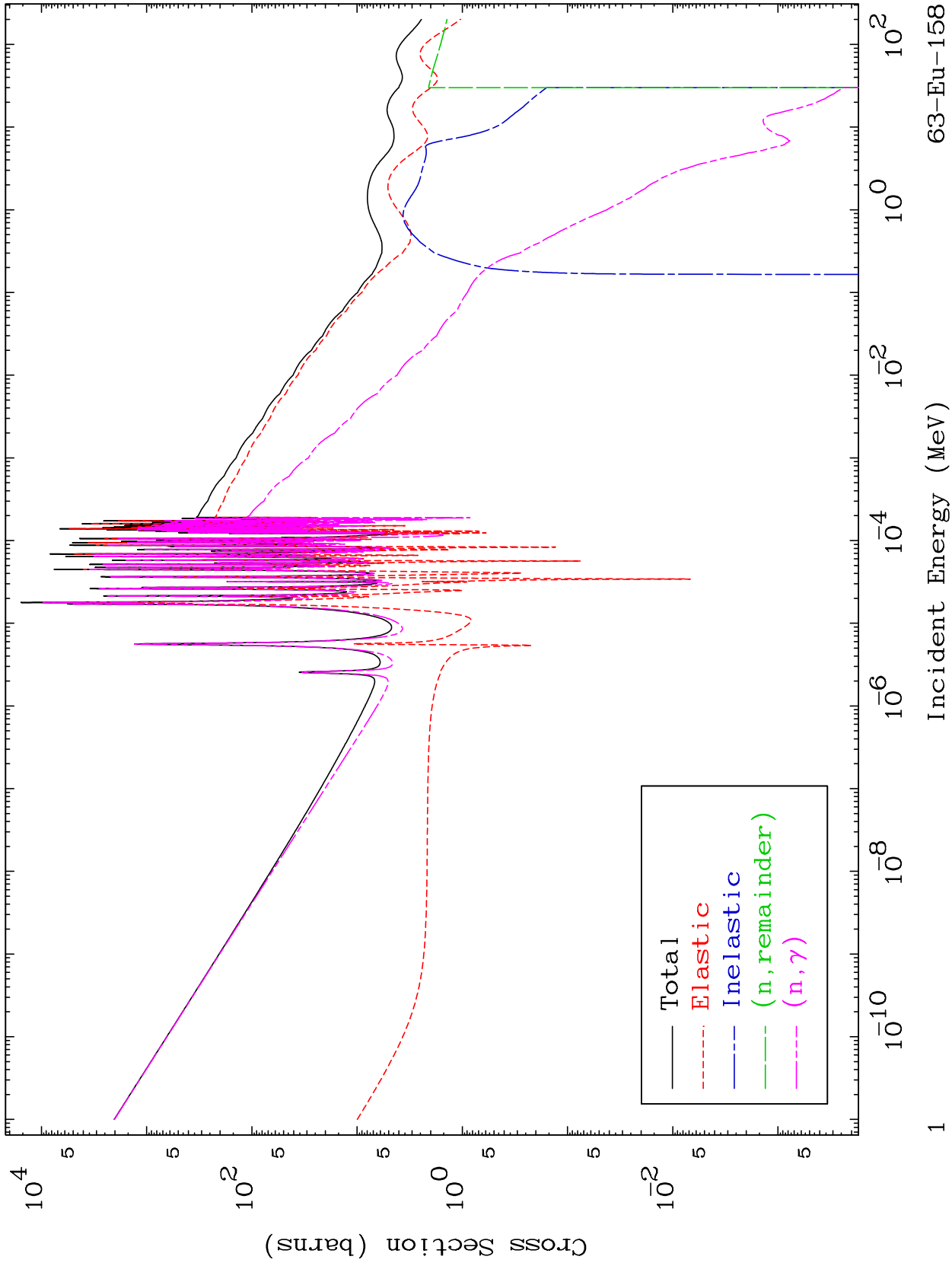
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6346

Major
293 Kelvin Cross Sections

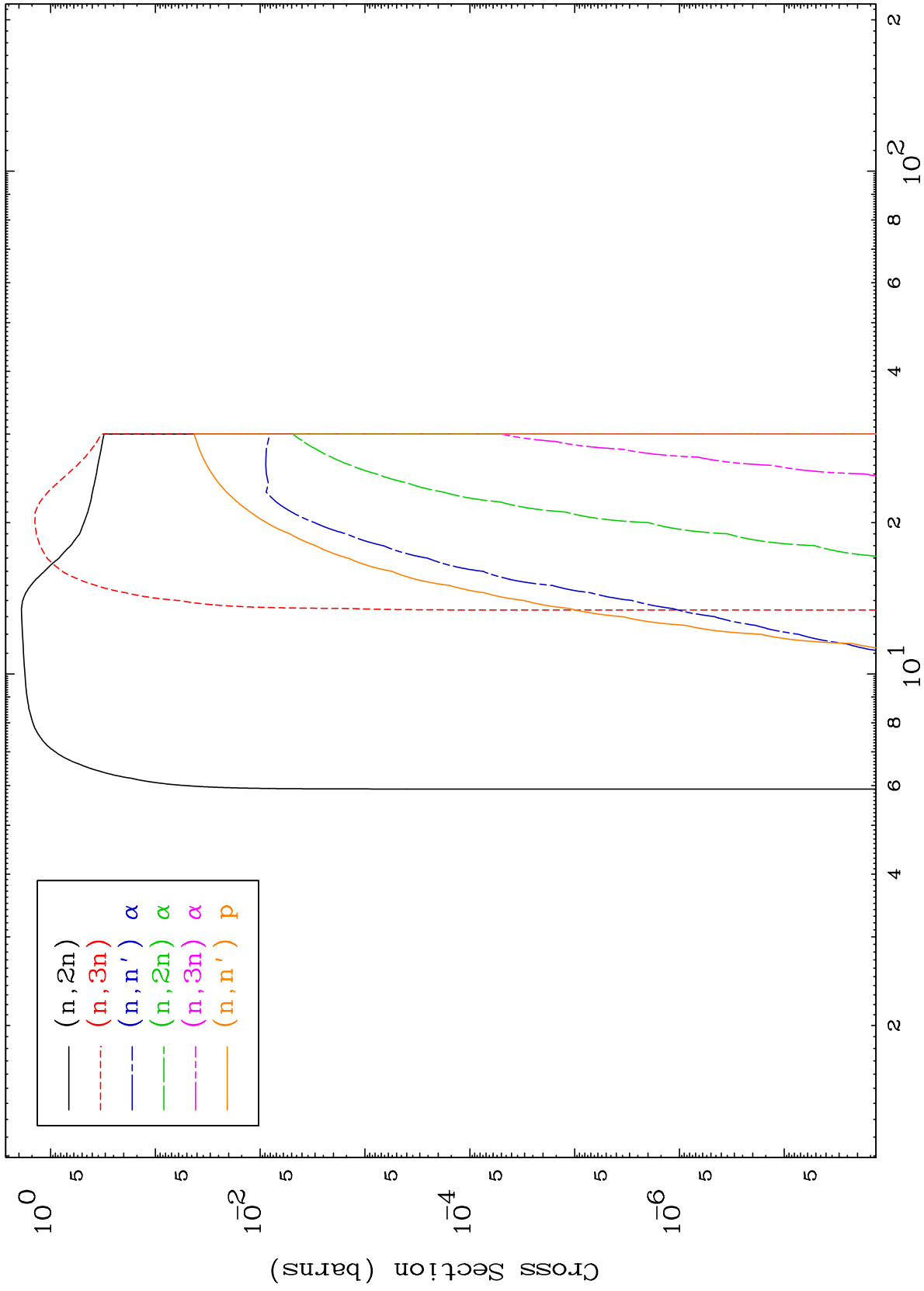
63-Eu-158



MAT 6346

Neutron Production
293 Kelvin Cross Sections

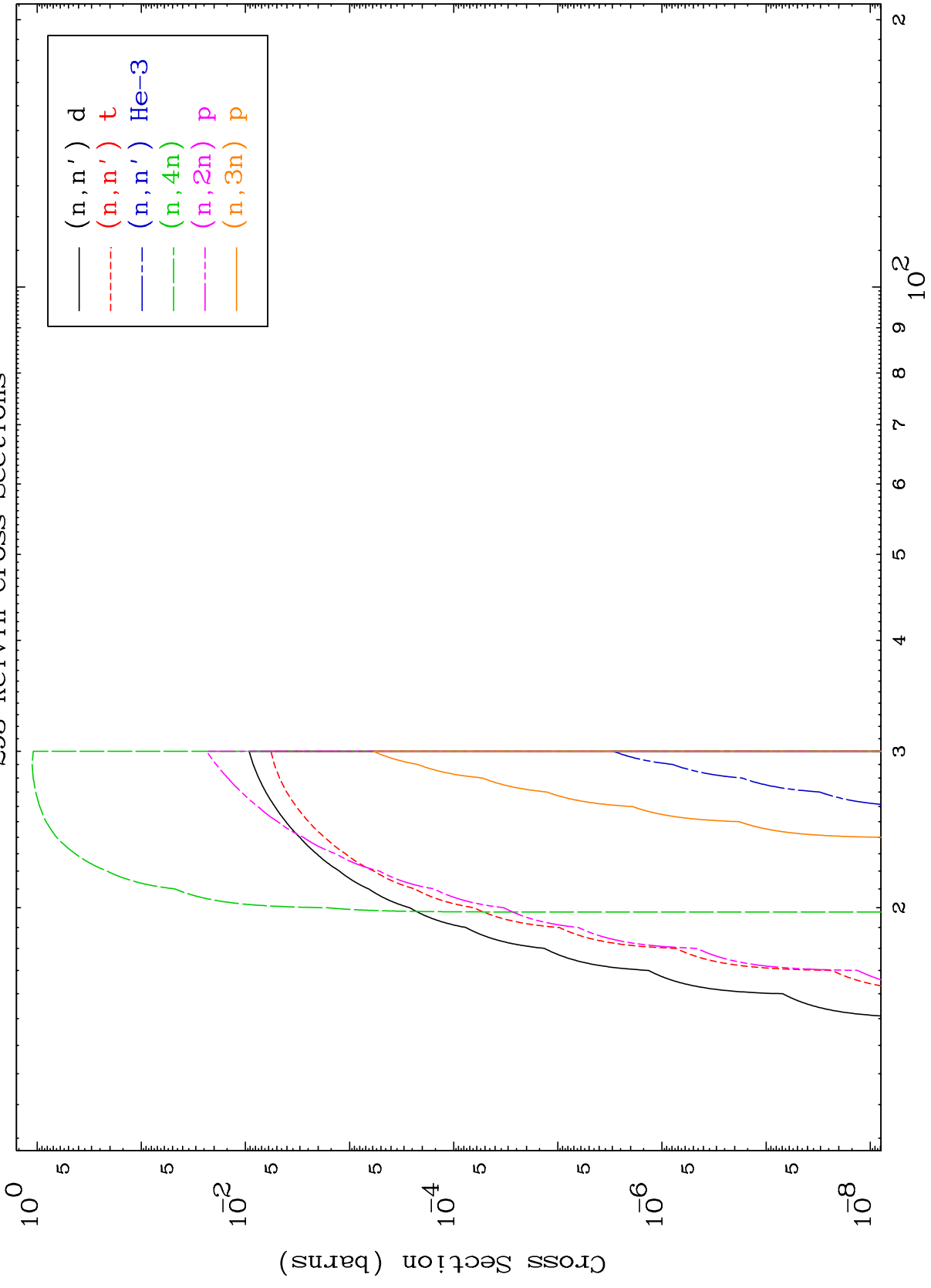
63-Eu-158

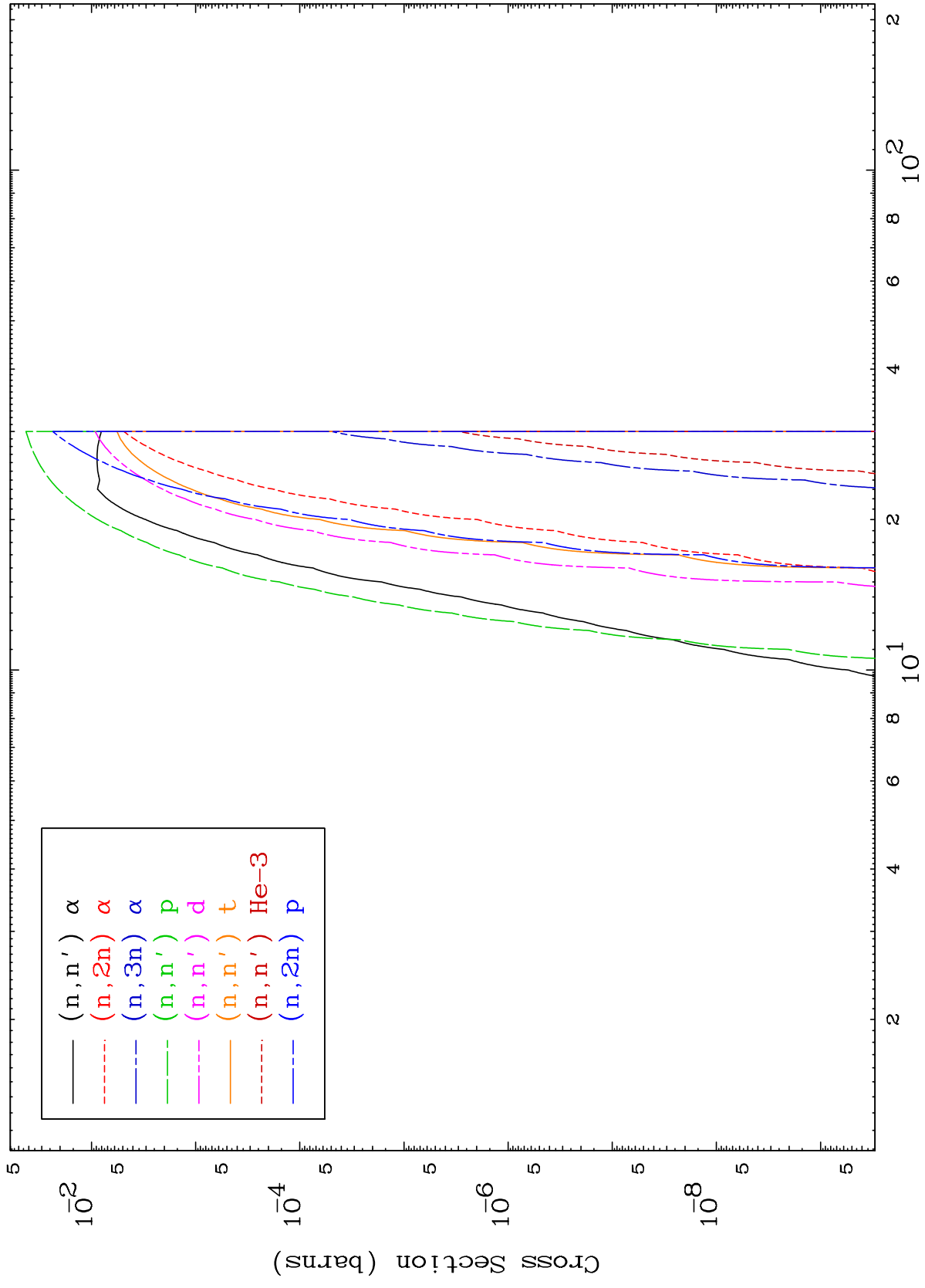


2

Incident Energy (MeV)

63-Eu-158

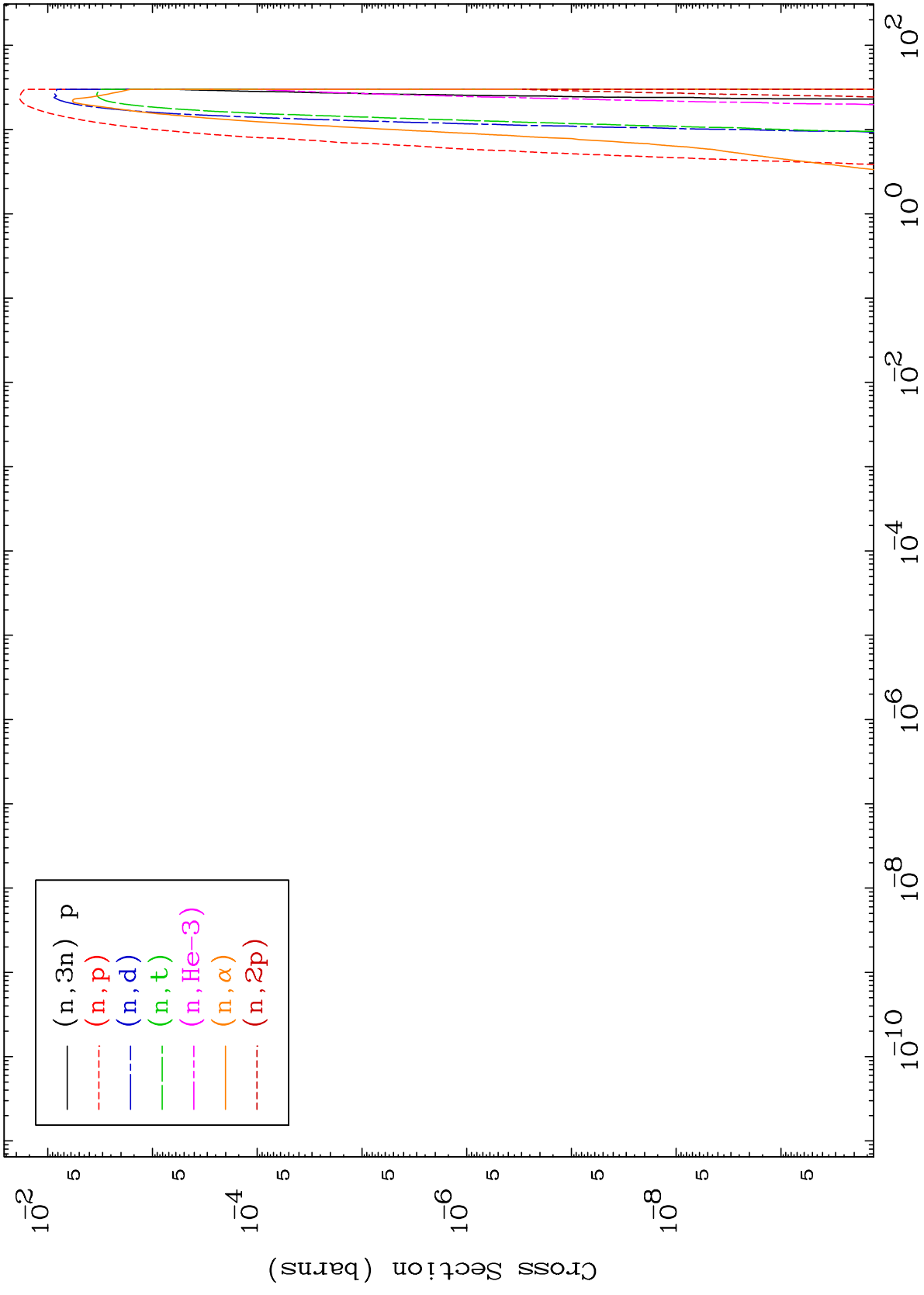




MAT 6346

Charged Particle
293 Kelvin Cross Sections

63-Eu-158



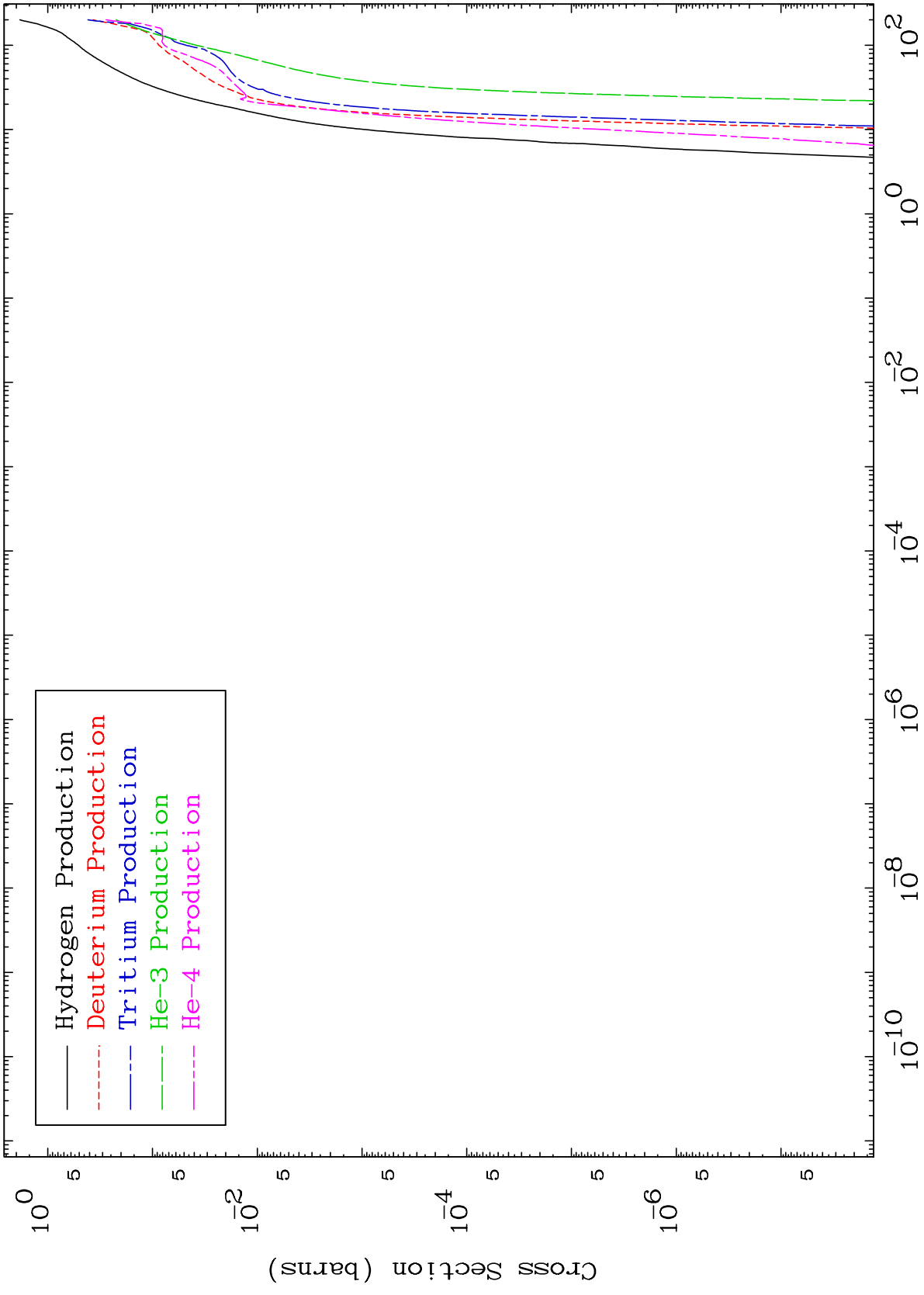
5

63-Eu-158

MAT 6346

Particle Production
293 Kelvin Cross Sections

63-Eu-158

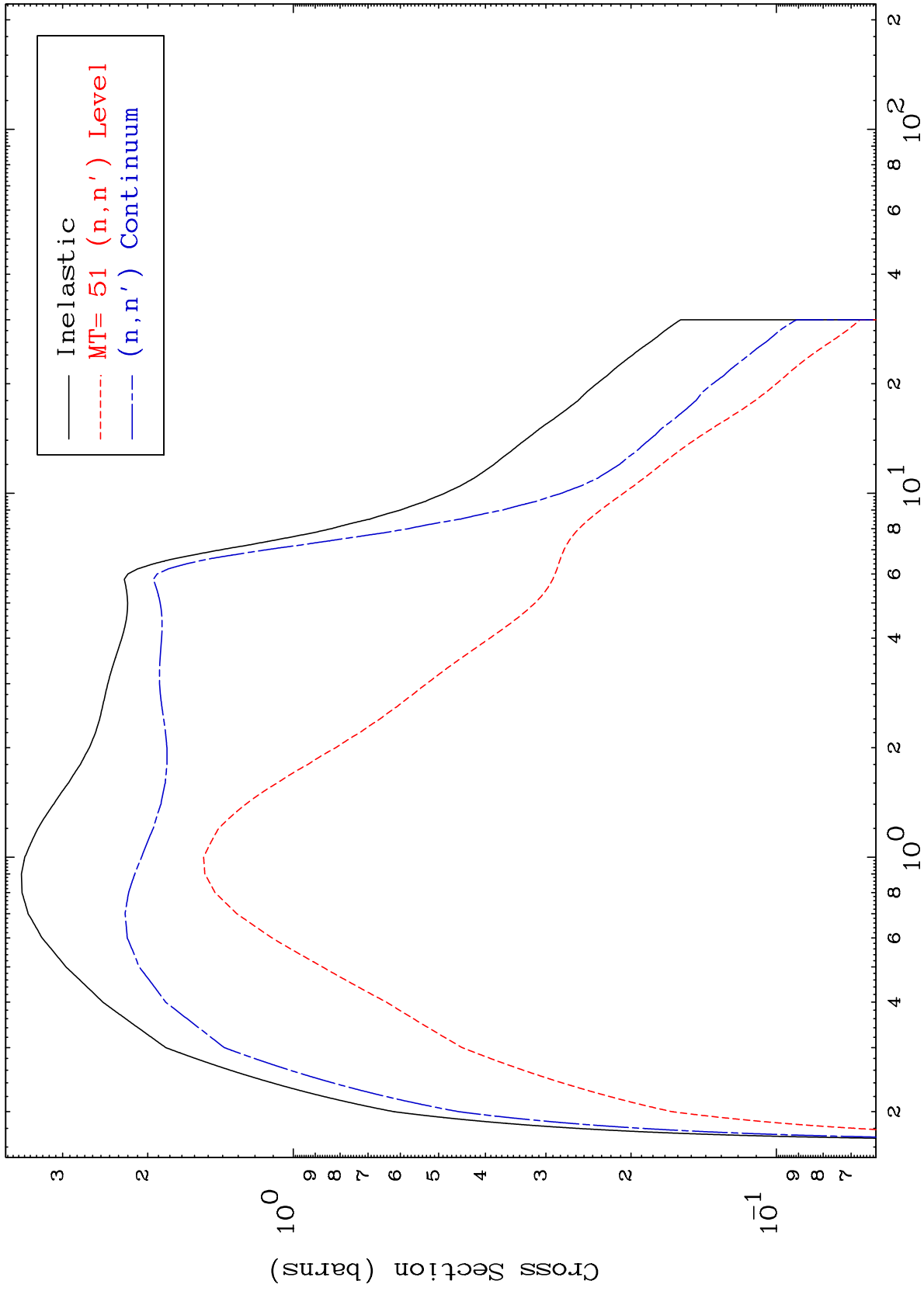


MAT 6346

(n,n') Level

63-Eu-158

293 Kelvin Cross Sections



7

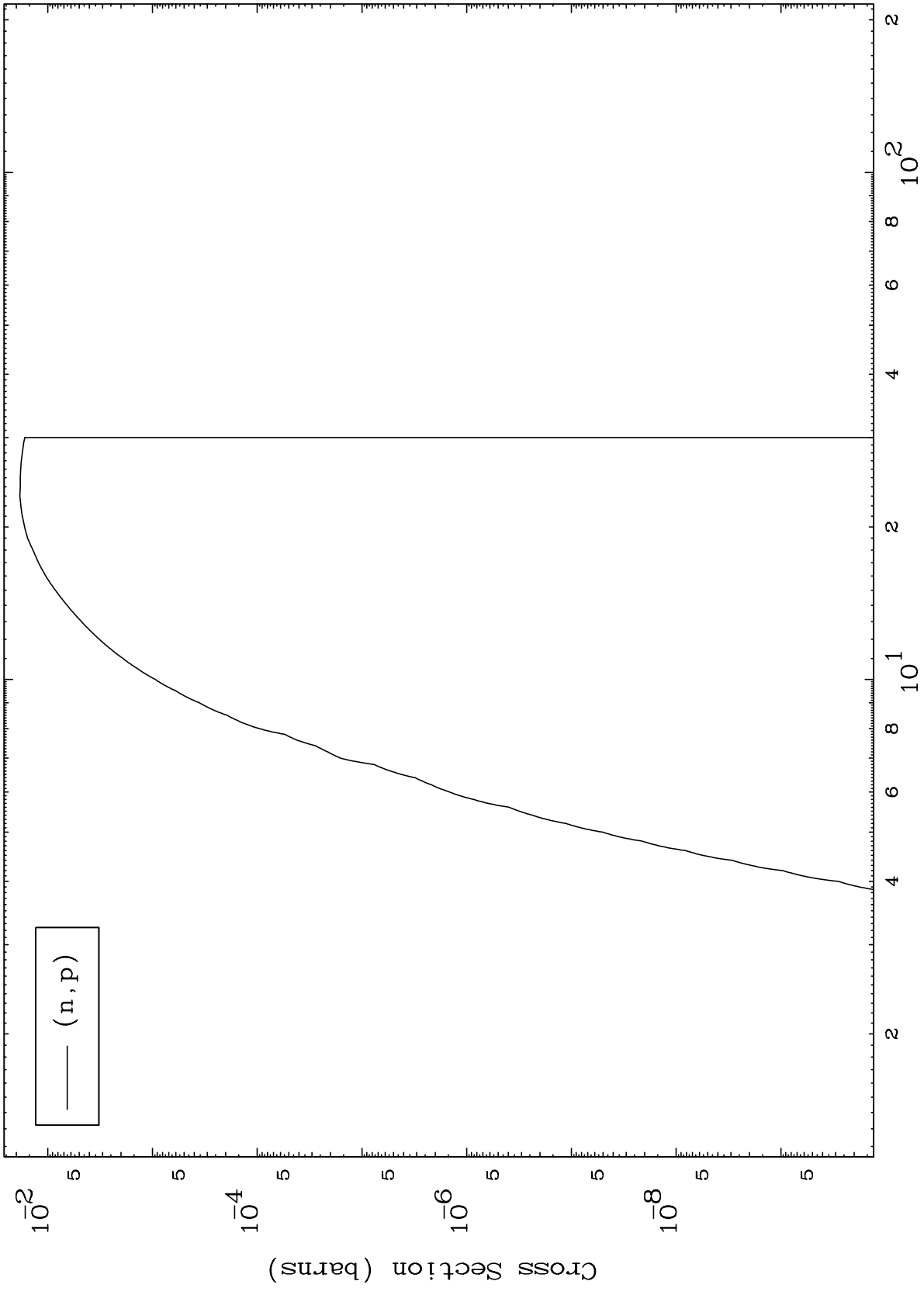
Incident Energy (MeV)

63-Eu-158

MAT 6346

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-158



8

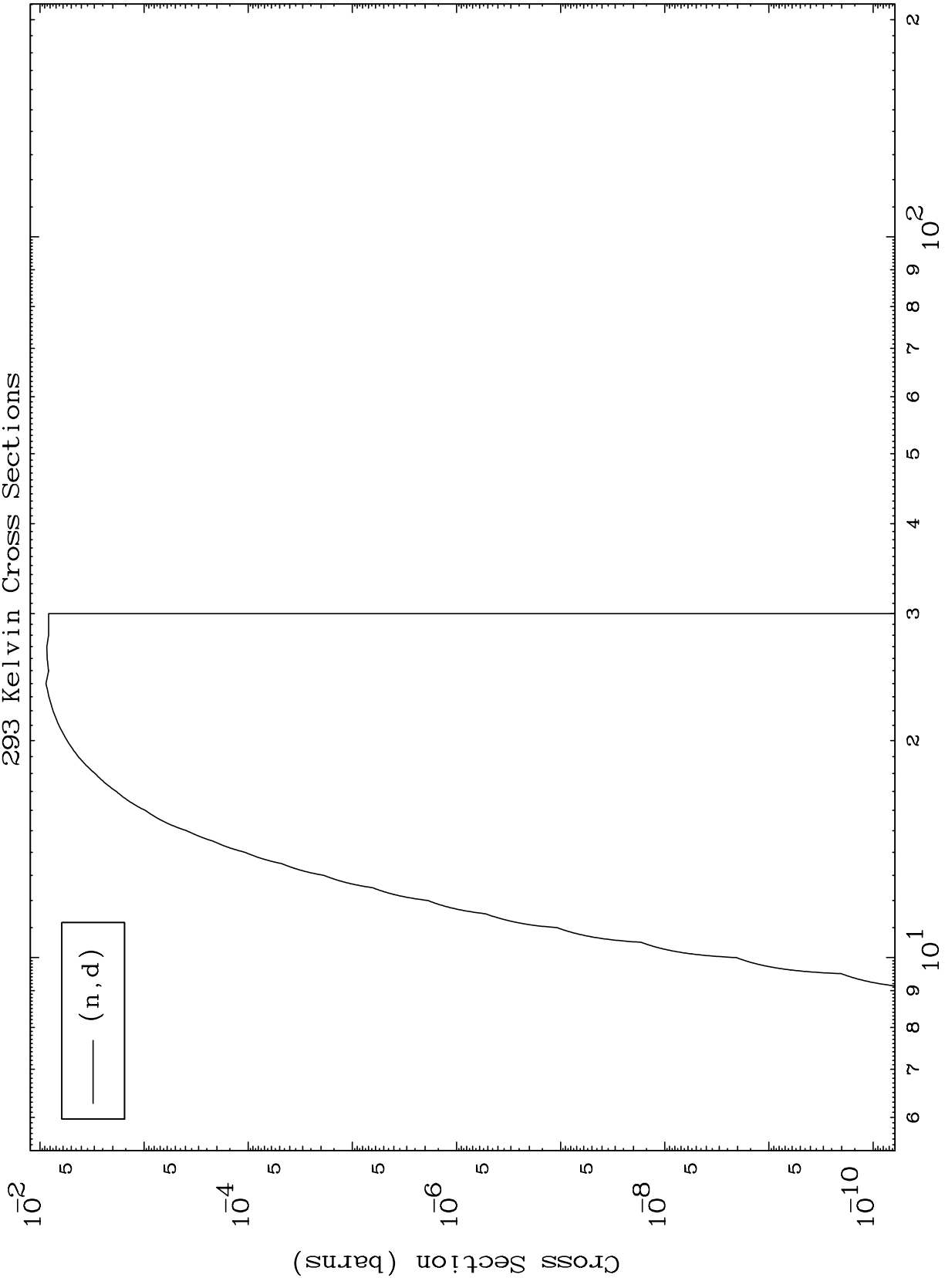
Incident Energy (MeV)

63-Eu-158

MAT 6346

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-158



9

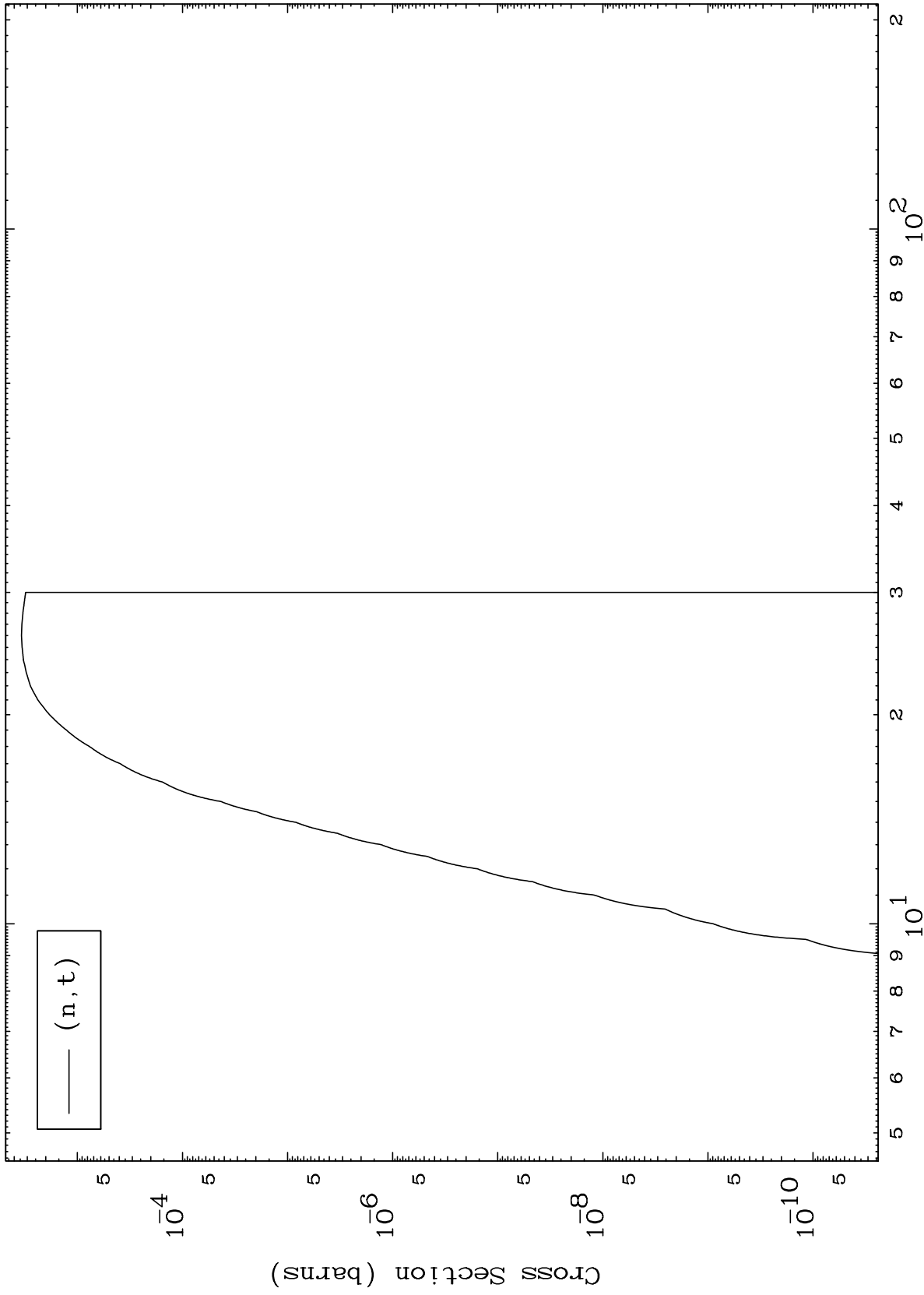
Incident Energy (MeV)

63-Eu-158

MAT 6346

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-158



10

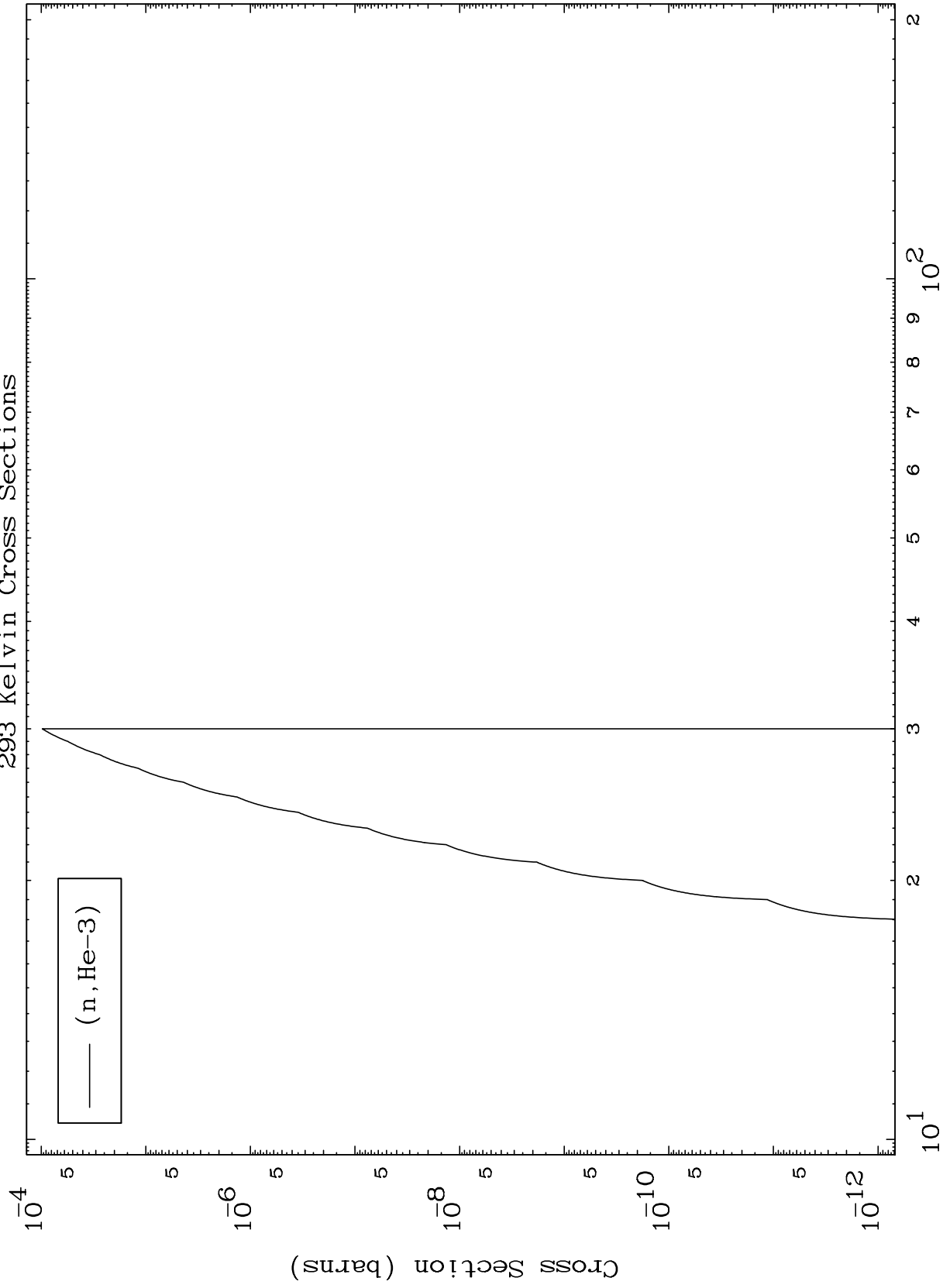
Incident Energy (MeV)

63-Eu-158

MAT 6346

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-158



11

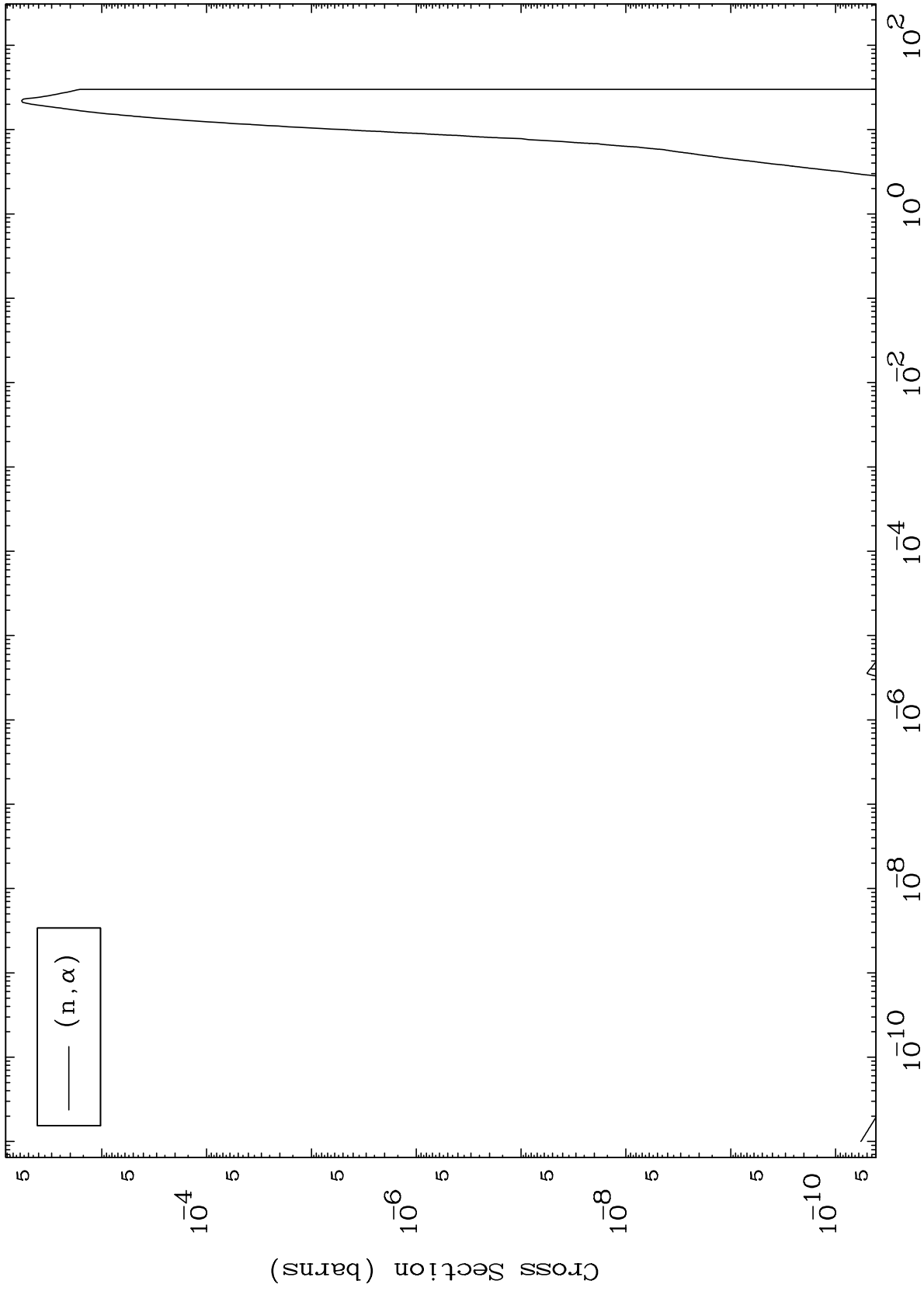
Incident Energy (MeV)

63-Eu-158

MAT 6346

(n,α) Levels
293 Kelvin Cross Sections

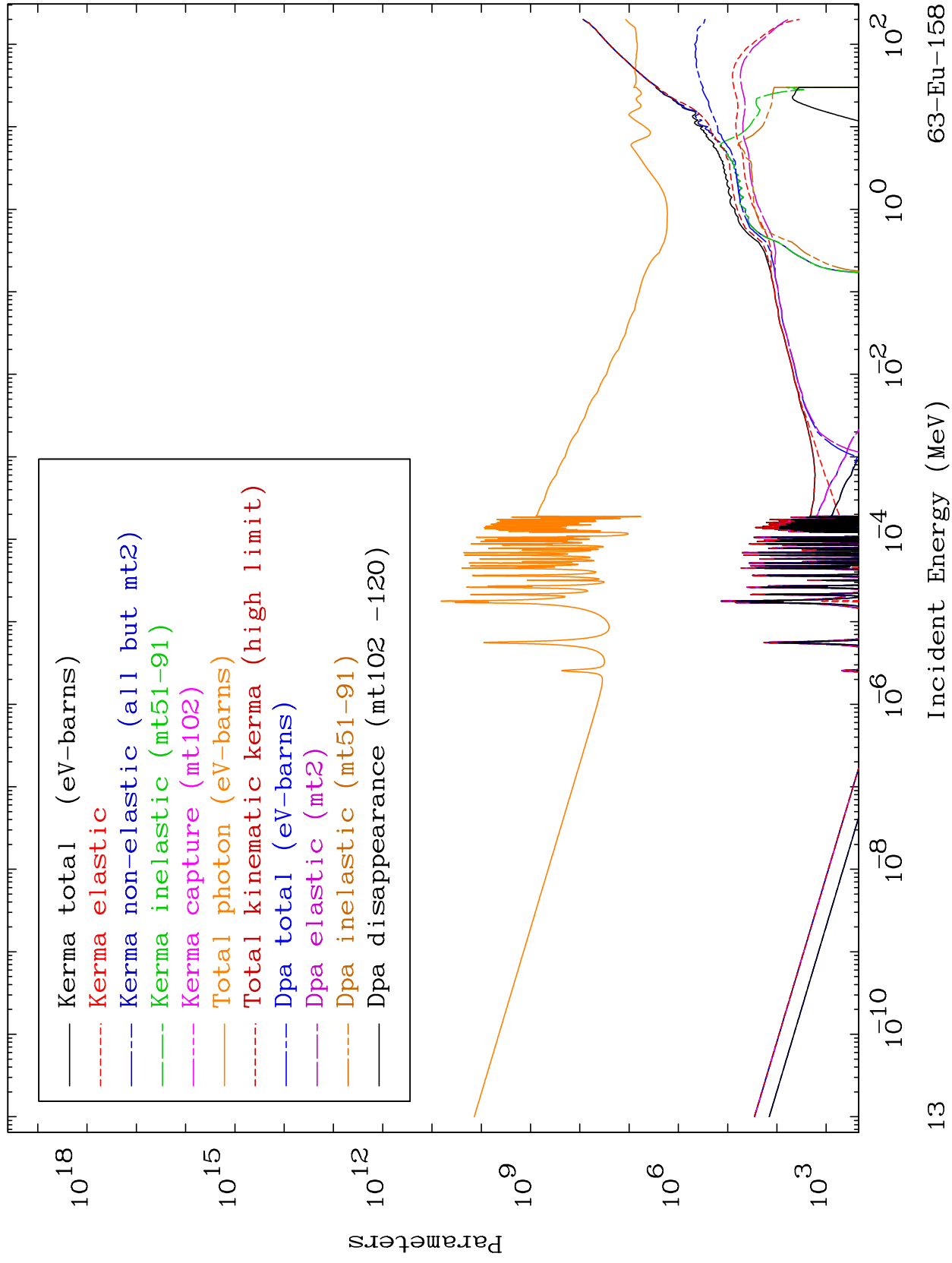
63-Eu-158



12

Incident Energy (MeV)

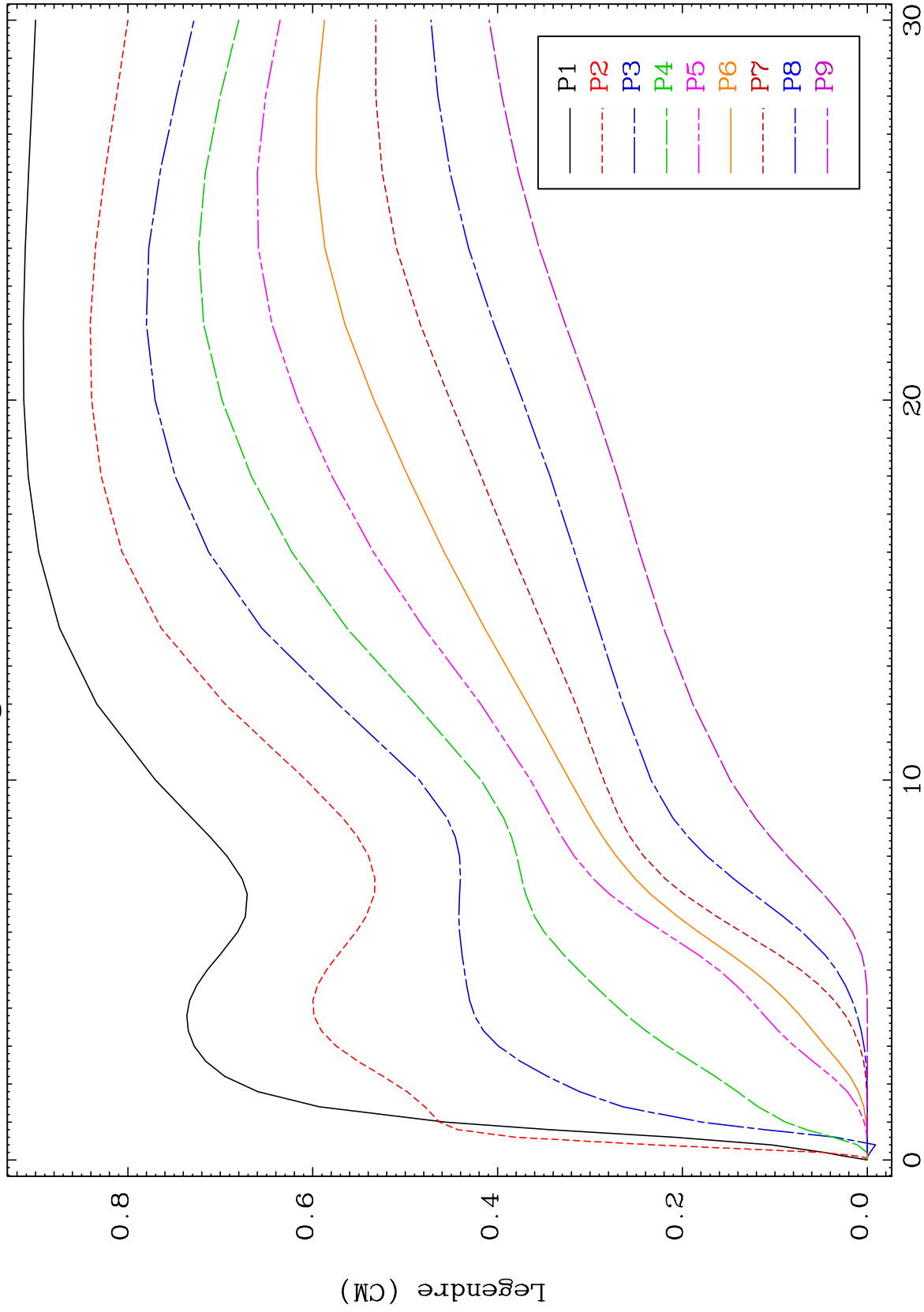
63-Eu-158



MAT 6346

Elastic Legendre Coefficients

63-Eu-158



14

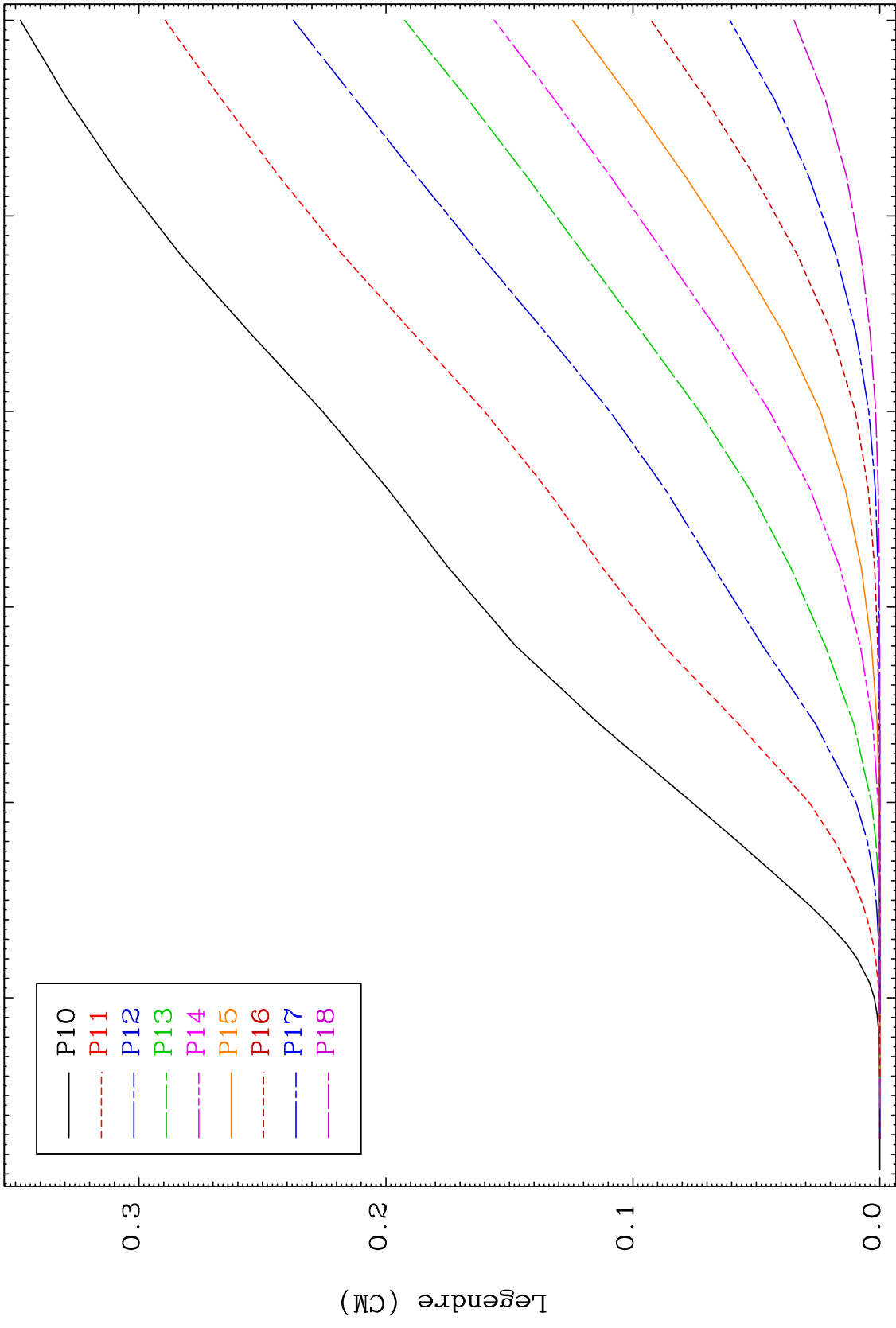
Incident Energy (MeV)

63-Eu-158

MAT 6346

Elastic Legendre Coefficients

63-Eu-158



15

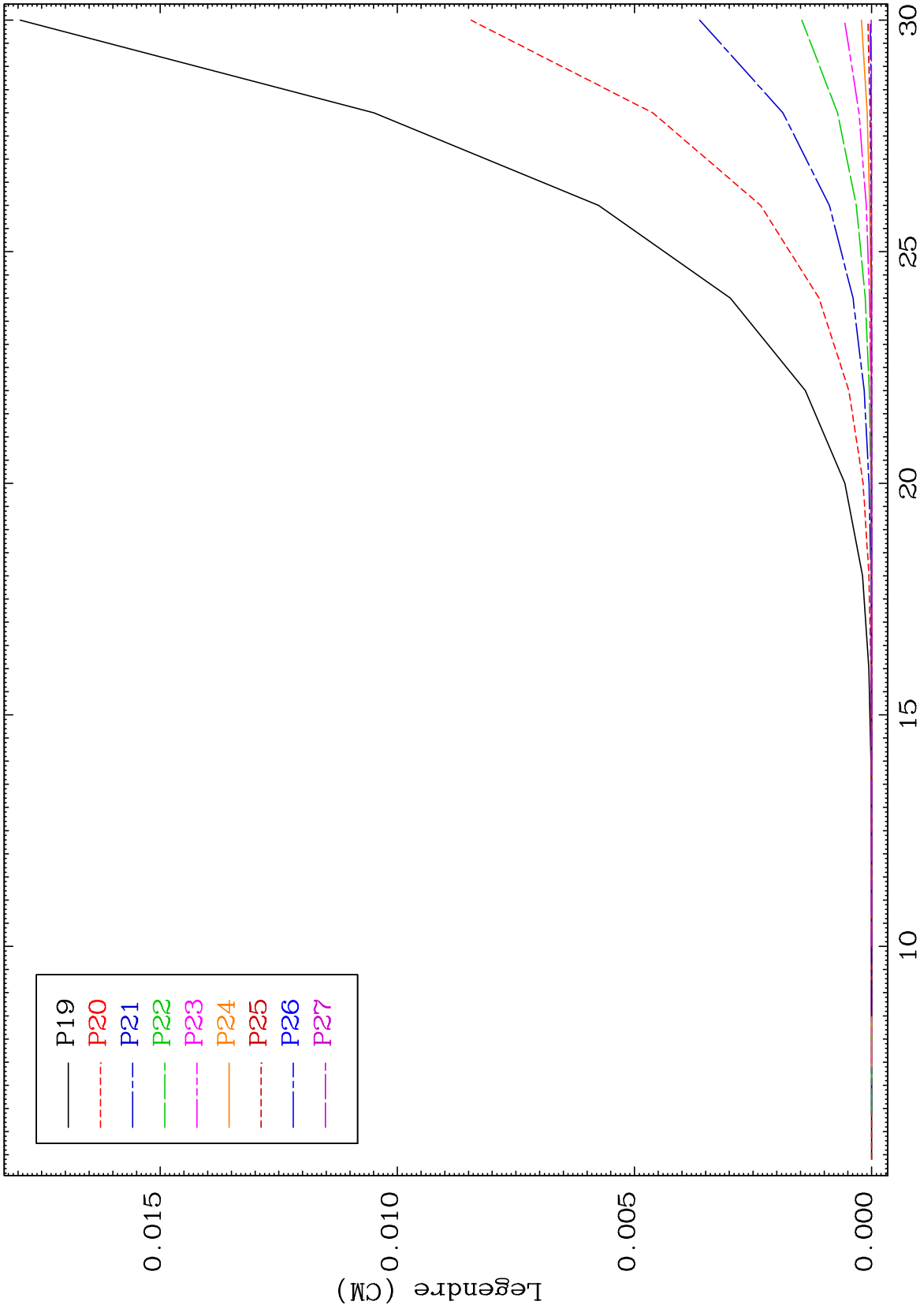
Incident Energy (MeV)

63-Eu-158

MAT 6346

Elastic Legendre Coefficients

63-Eu-158



16

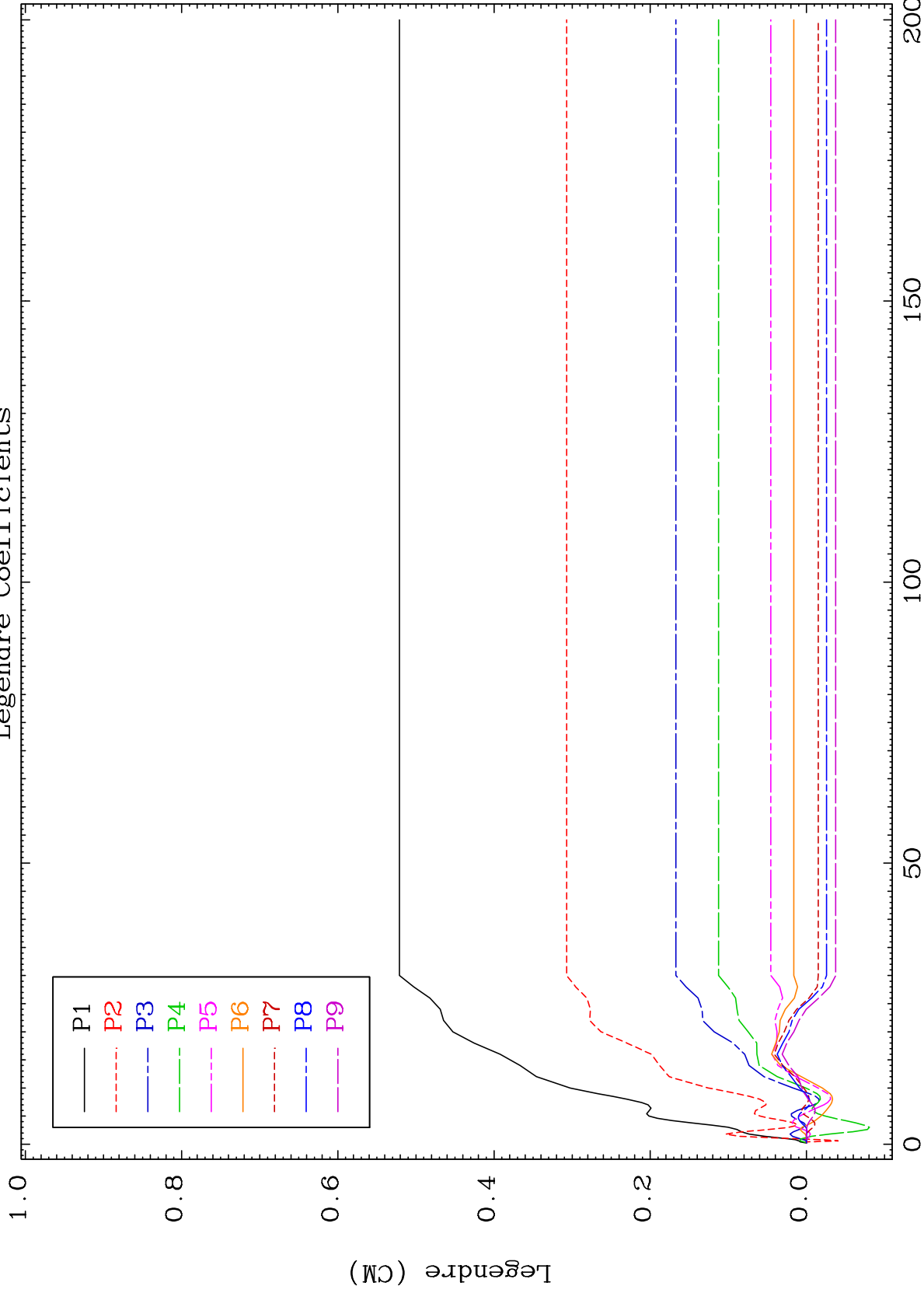
Incident Energy (MeV)

63-Eu-158

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

63-Eu-158



18

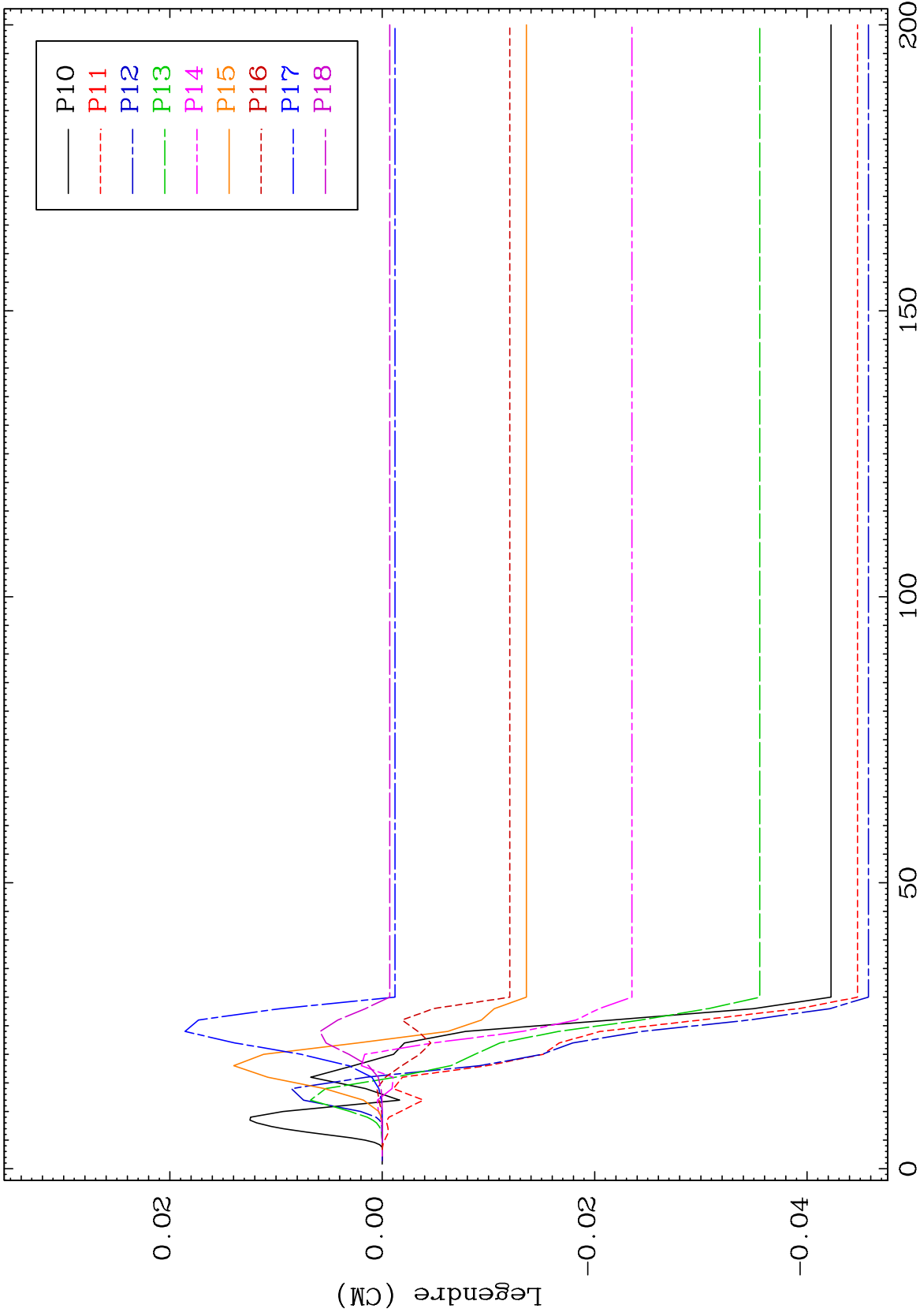
Incident Energy (MeV)

63-Eu-158

MAT 6346

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

63-Eu-158



19

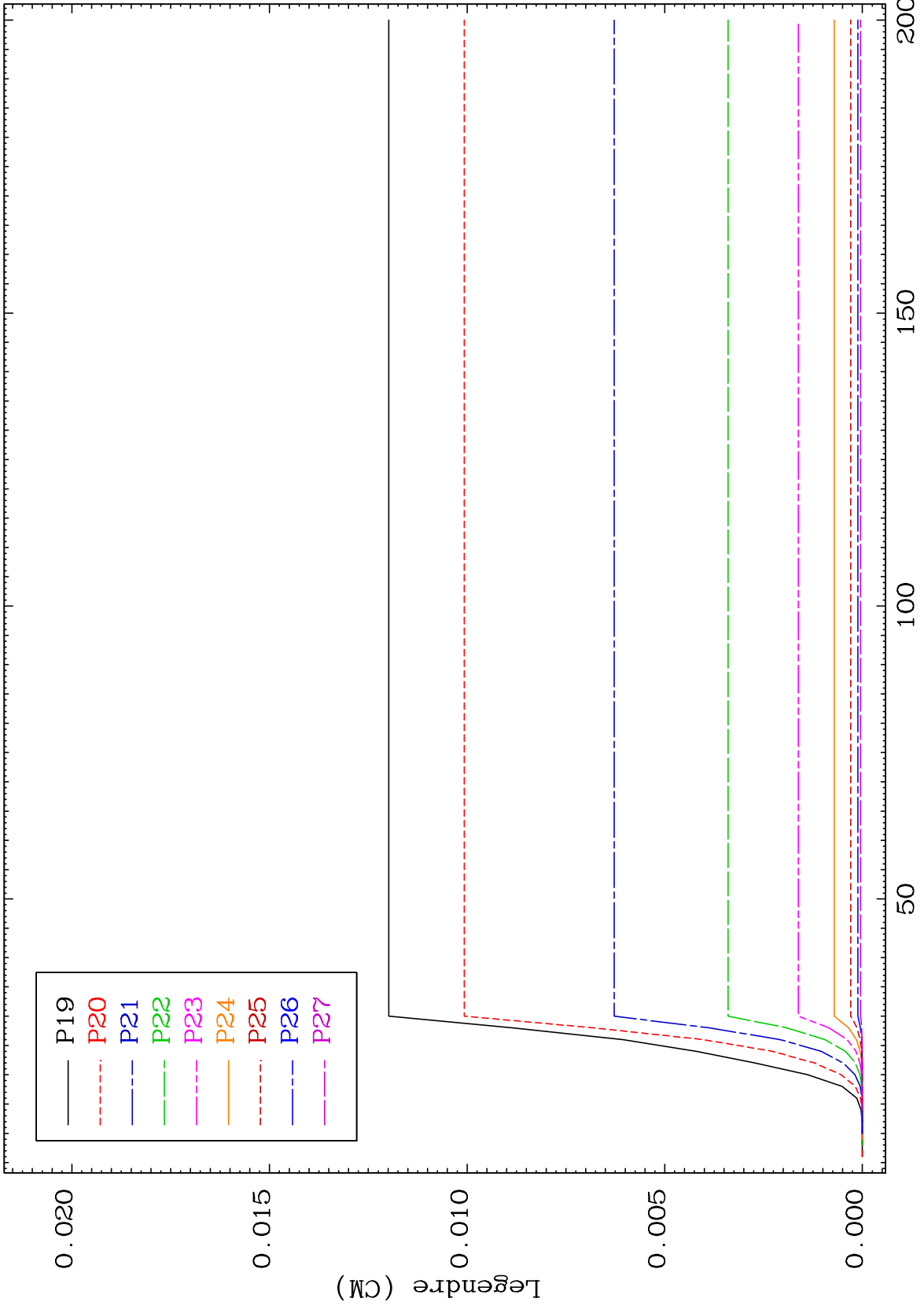
Incident Energy (MeV)

63-Eu-158

MAT 6346

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

63-Eu-158



20

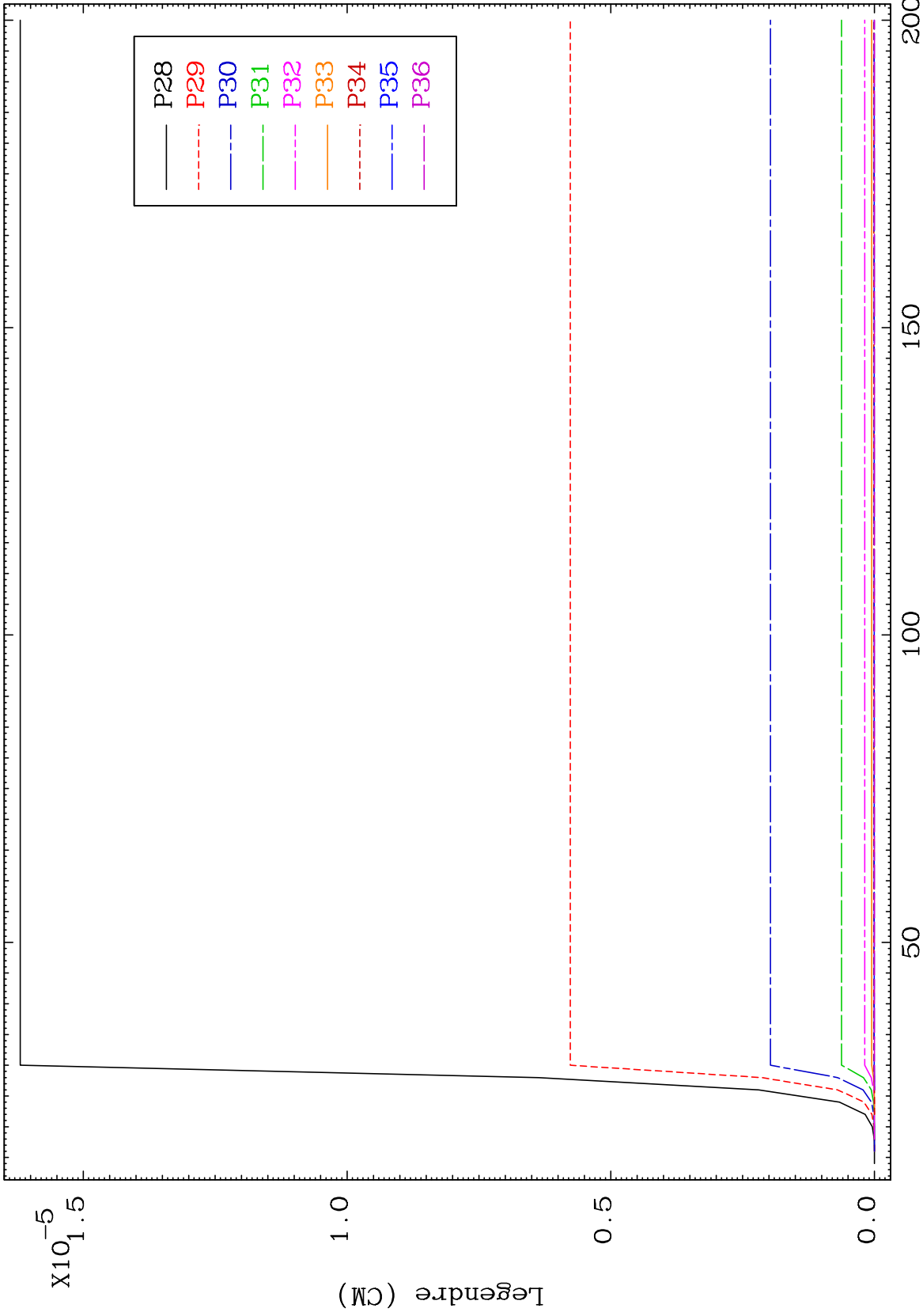
Incident Energy (MeV)

63-Eu-158

MAT 6346

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

63-Eu-158



21

Incident Energy (MeV)

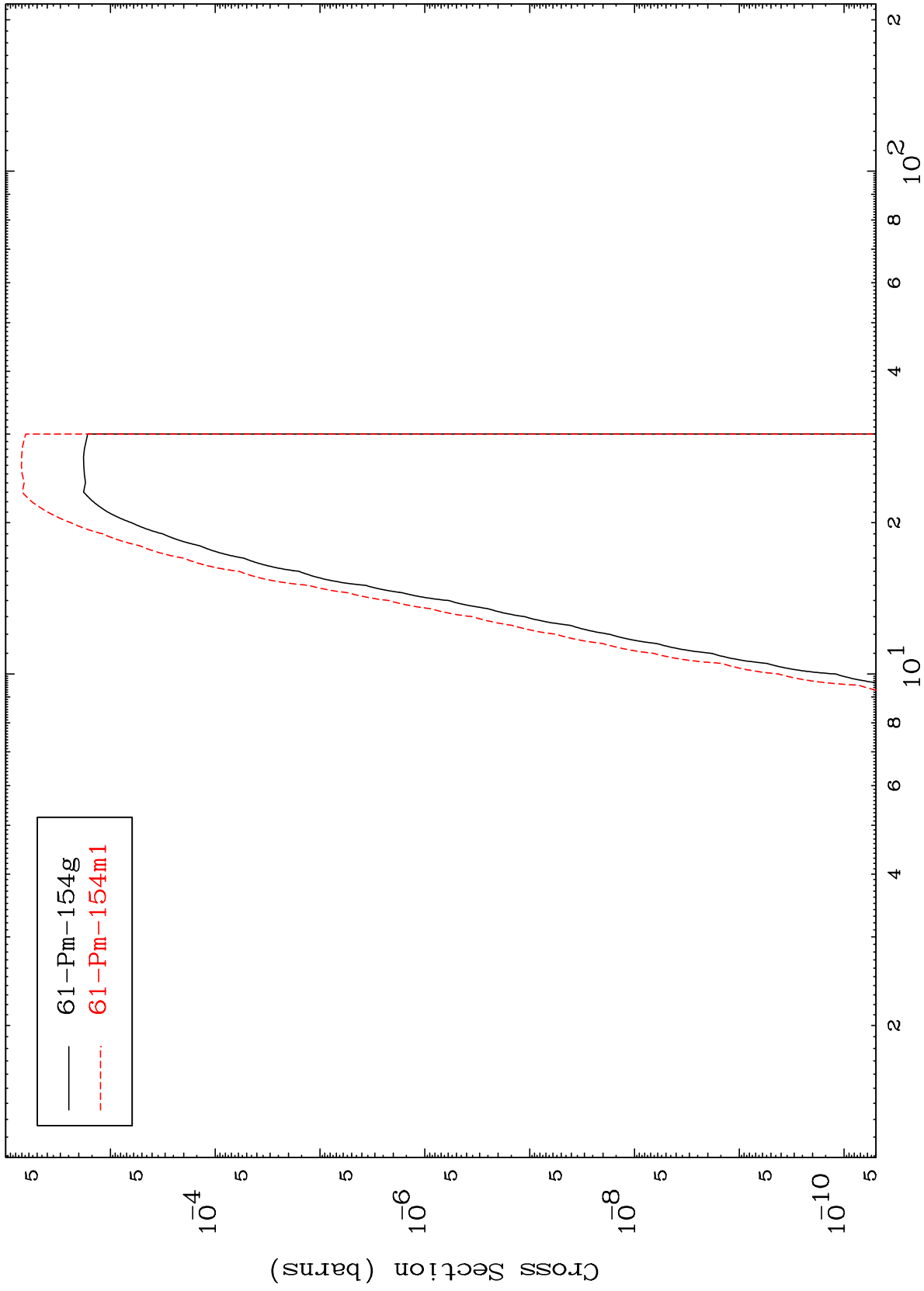
63-Eu-158

MAT 6346

(n,n') α

63-Eu-158

Radionuclide Production Cross Section

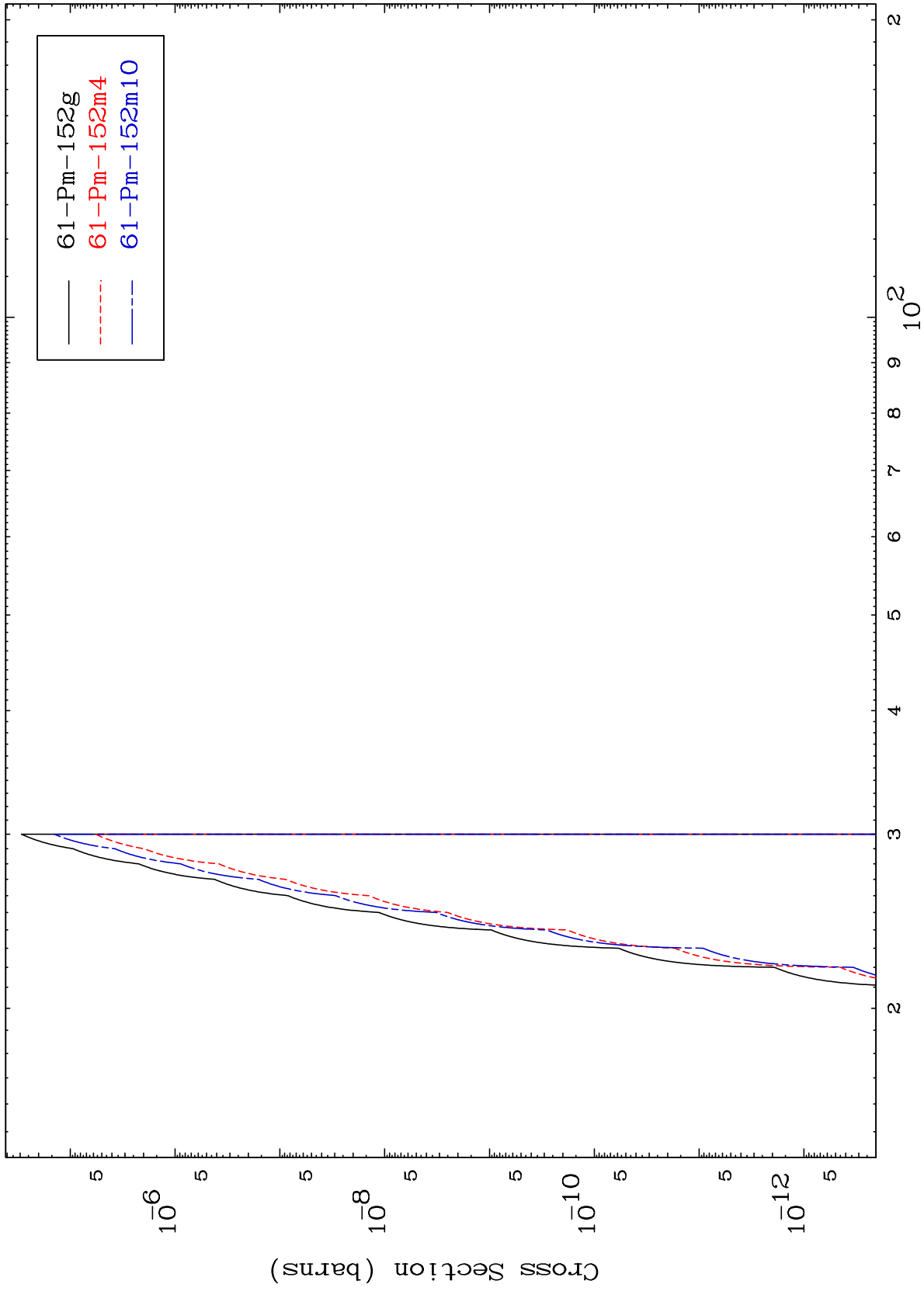


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(n,3n) α

63-Eu-158

Radionuclide Production Cross Section



23

Incident Energy (MeV)

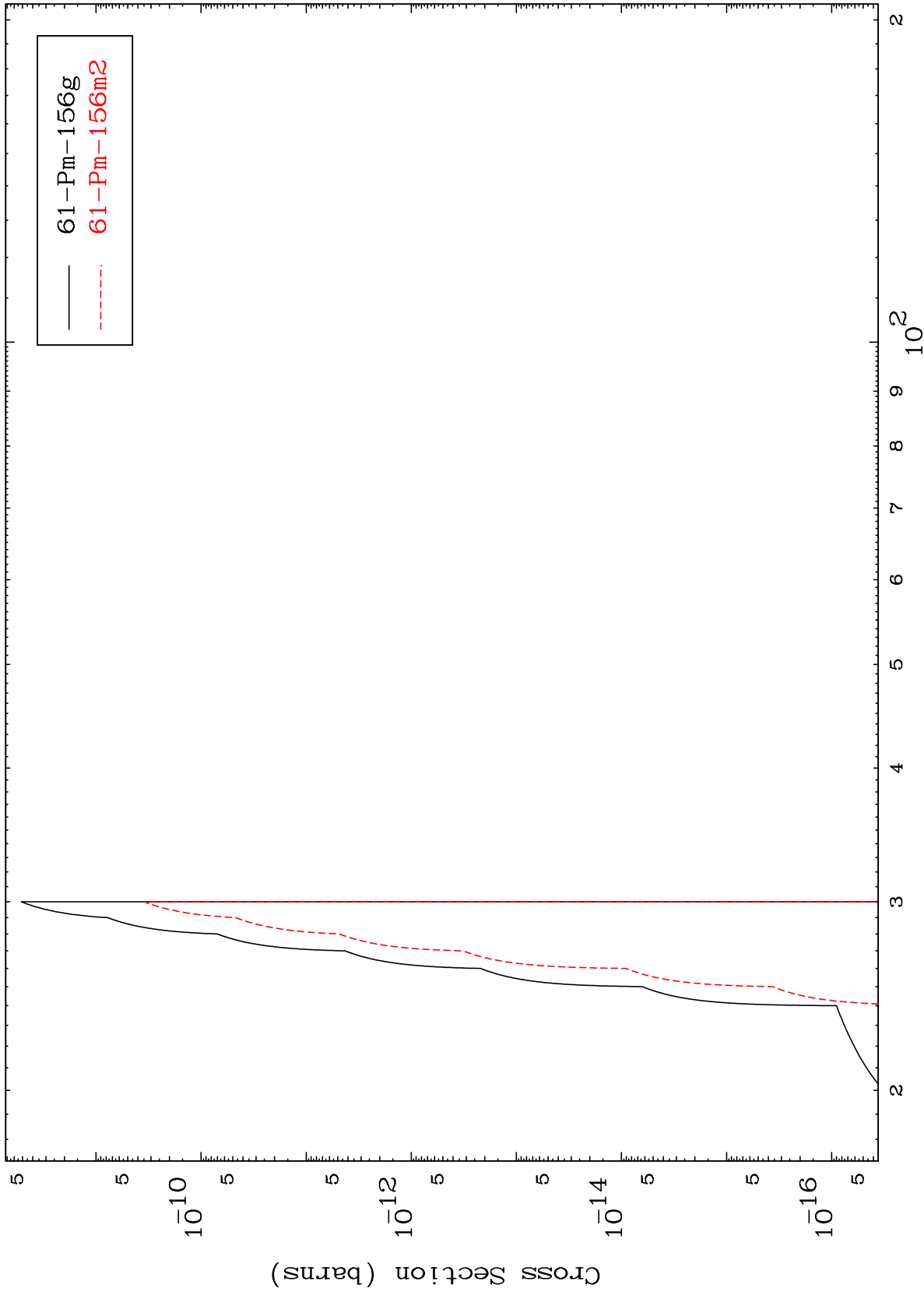
63-Eu-158

MAT 6346

(n,2n) p

63-Eu-158

Radionuclide Production Cross Section



24

Incident Energy (MeV)

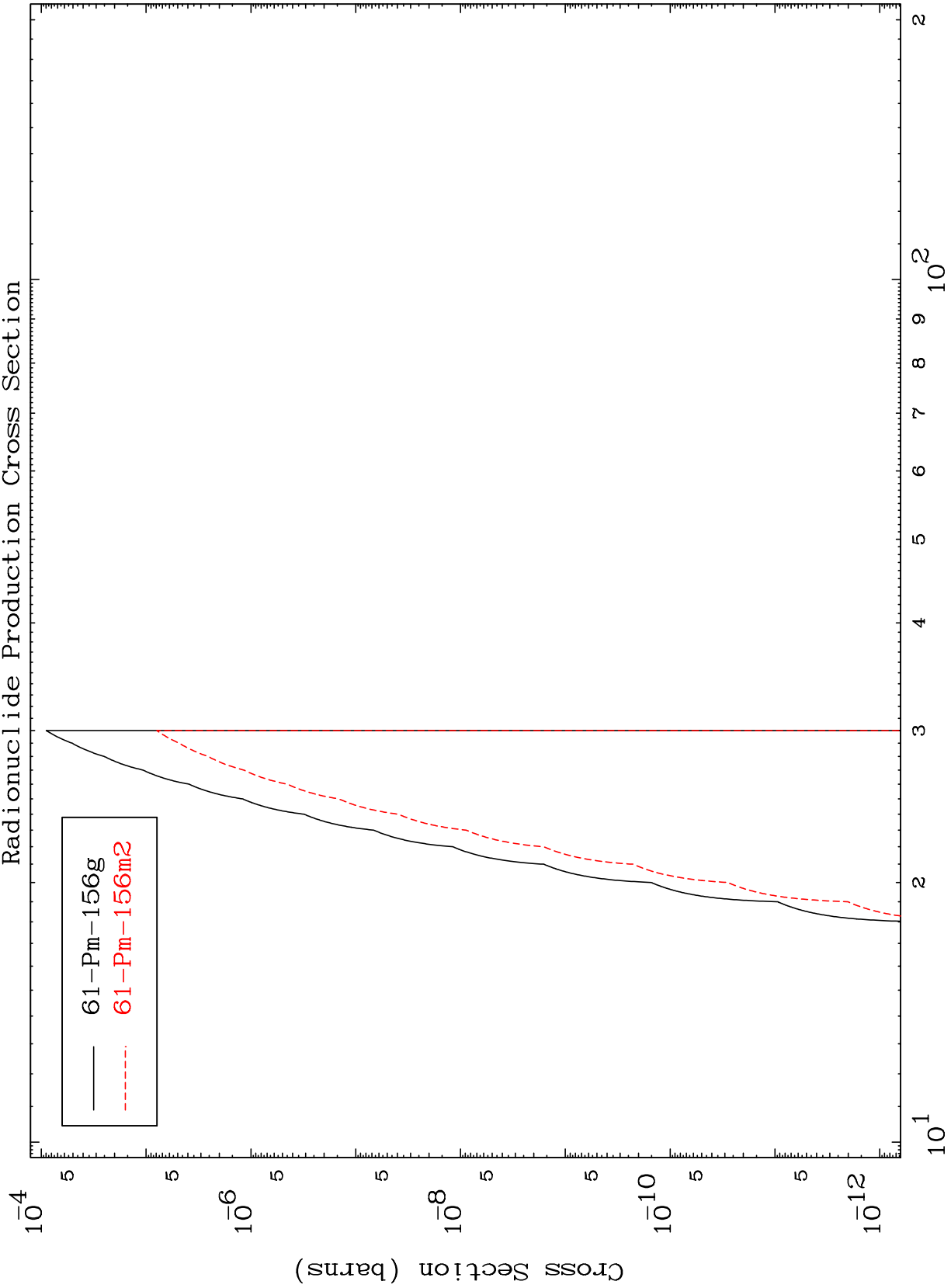
63-Eu-158

MAT 6346

(n,He-3)

63-Eu-158

Radionuclide Production Cross Section



61-Pm-156g
61-Pm-156m2

25

Incident Energy (MeV)

63-Eu-158