

Program EVALPLOT
(Version 2018-1)

by

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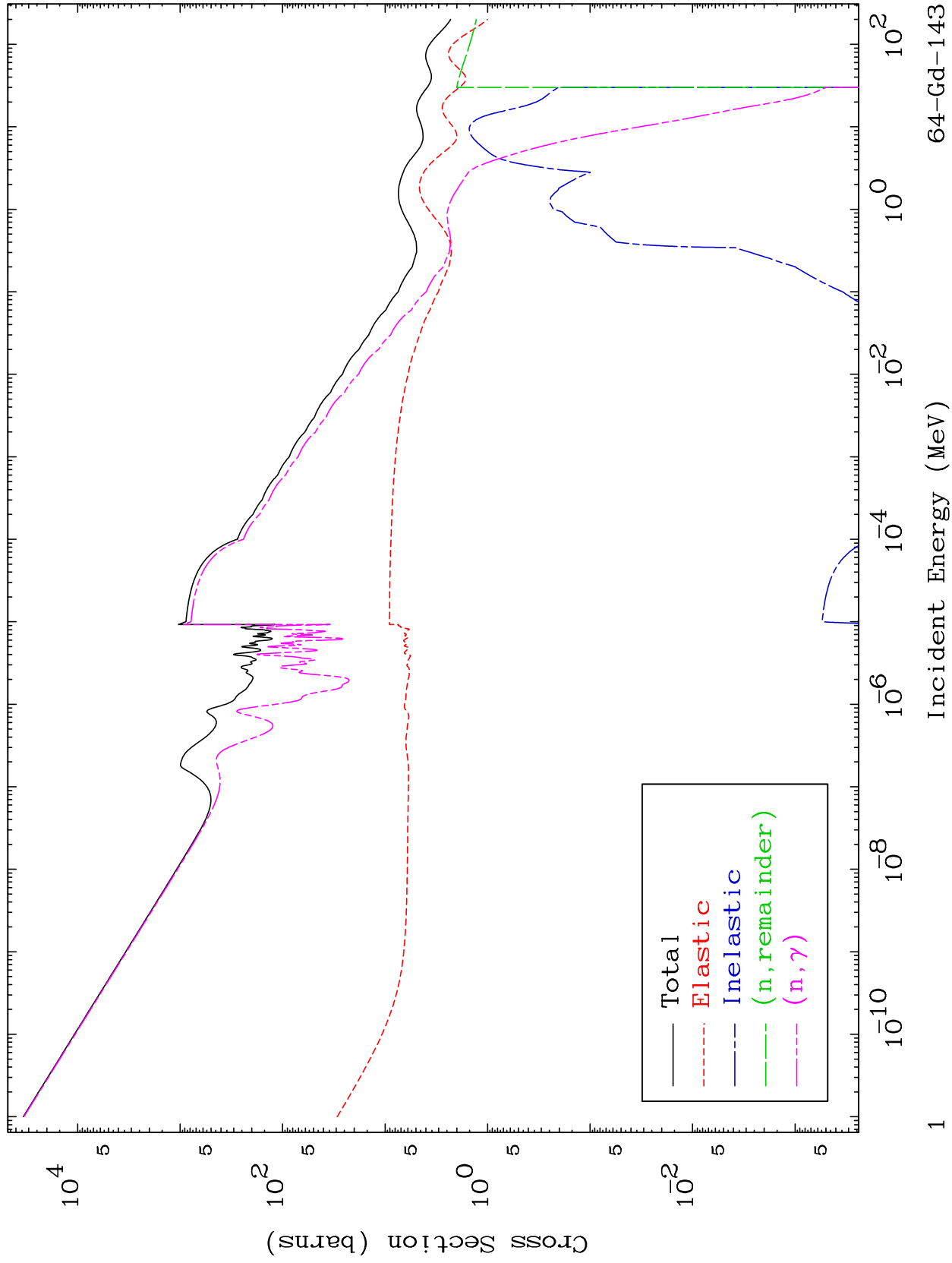
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

Major
293 Kelvin Cross Sections

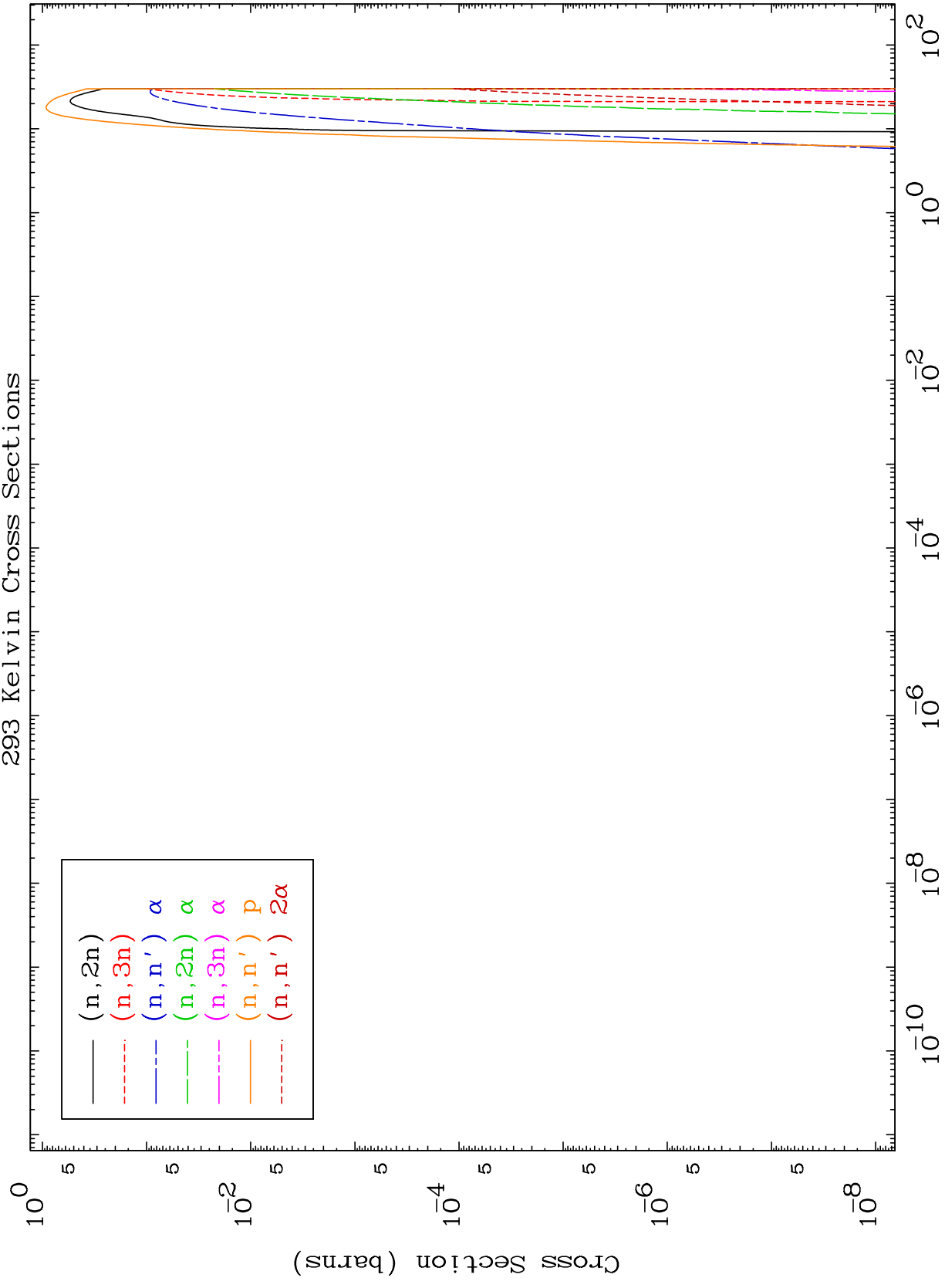
64-Gd-143



MAT 6399

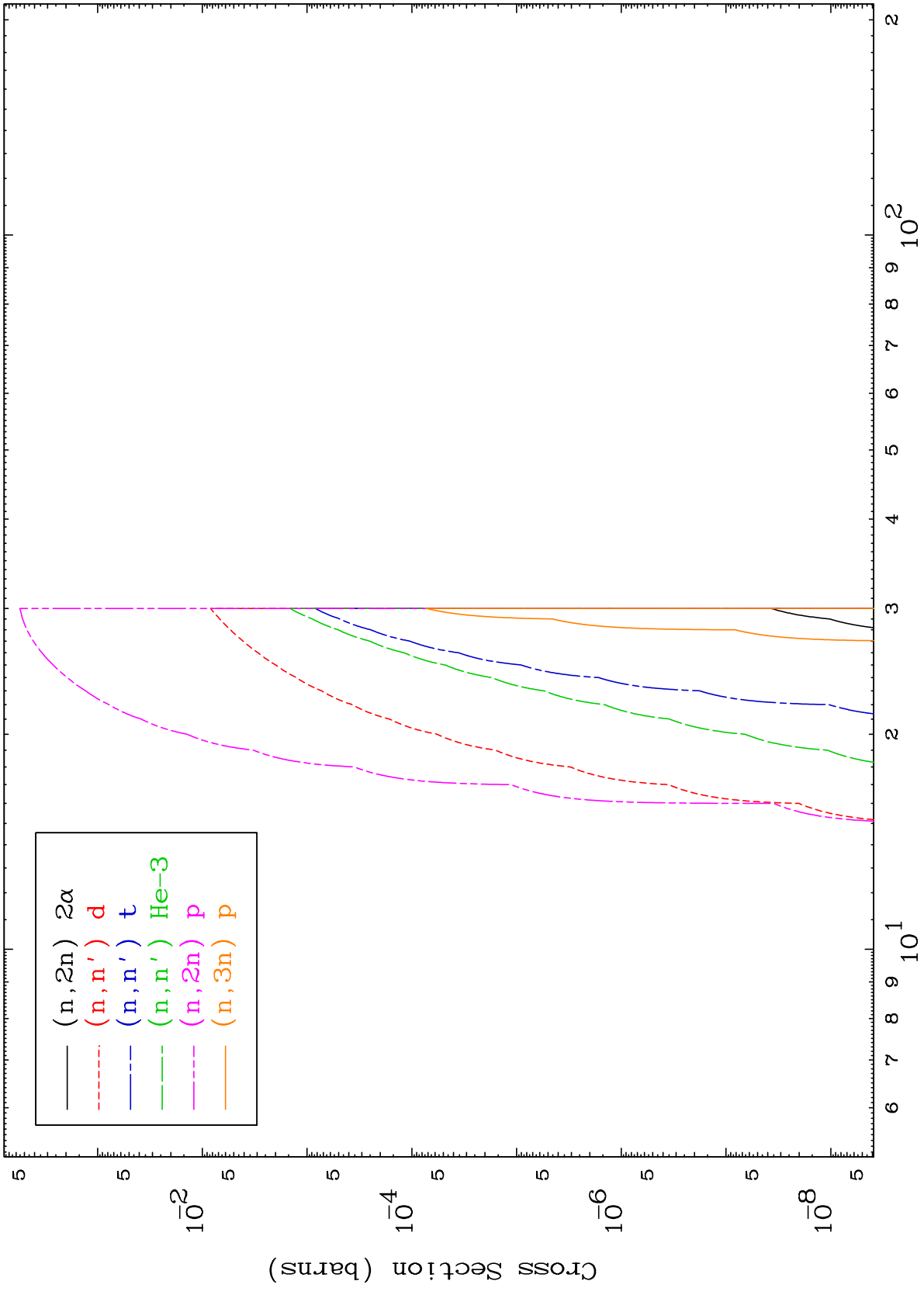
Neutron Production
293 Kelvin Cross Sections

64-Gd-143



2

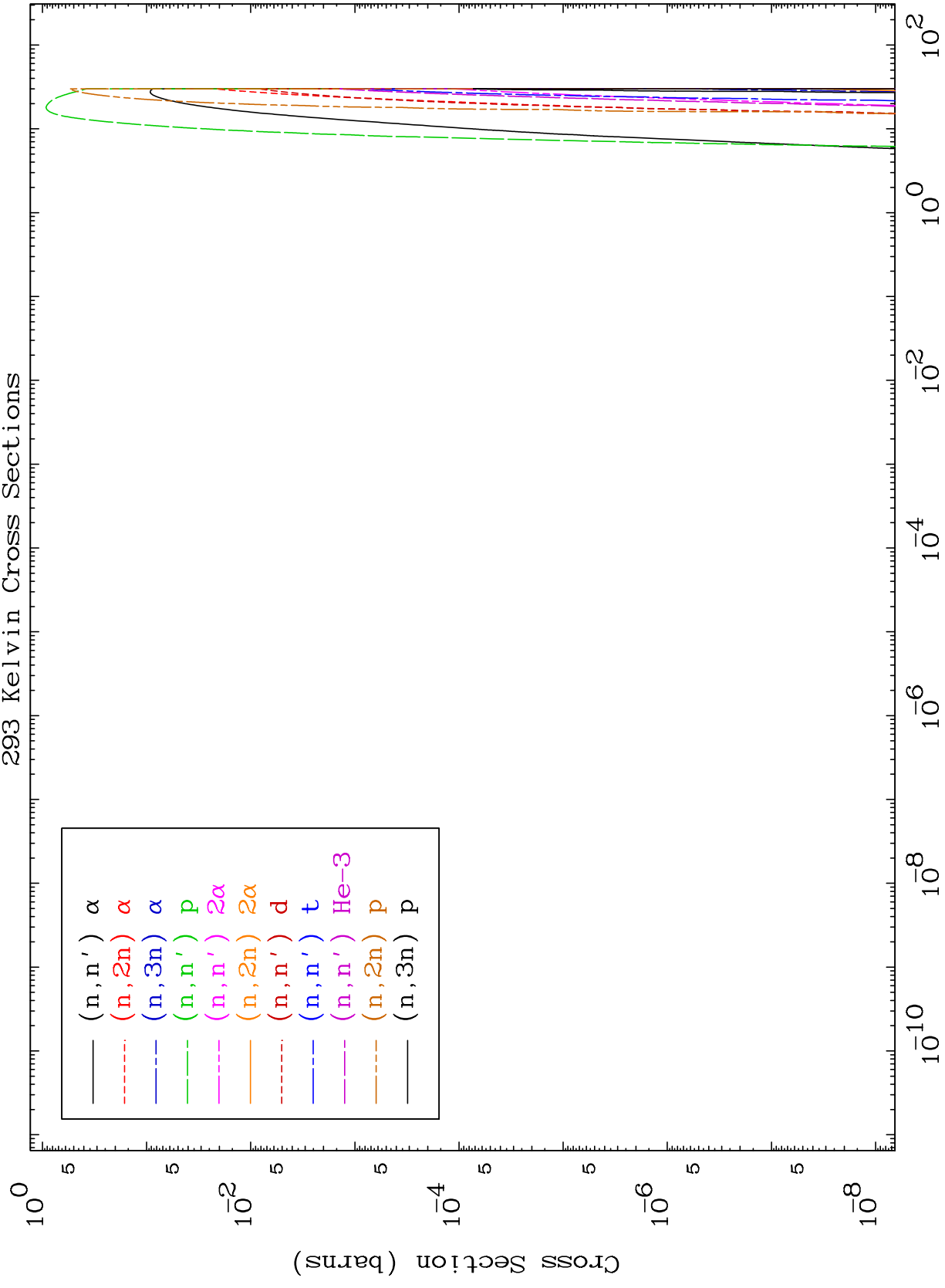
64-Gd-143



MAT 6399

293 Charged Particle
Kelvin Cross Sections

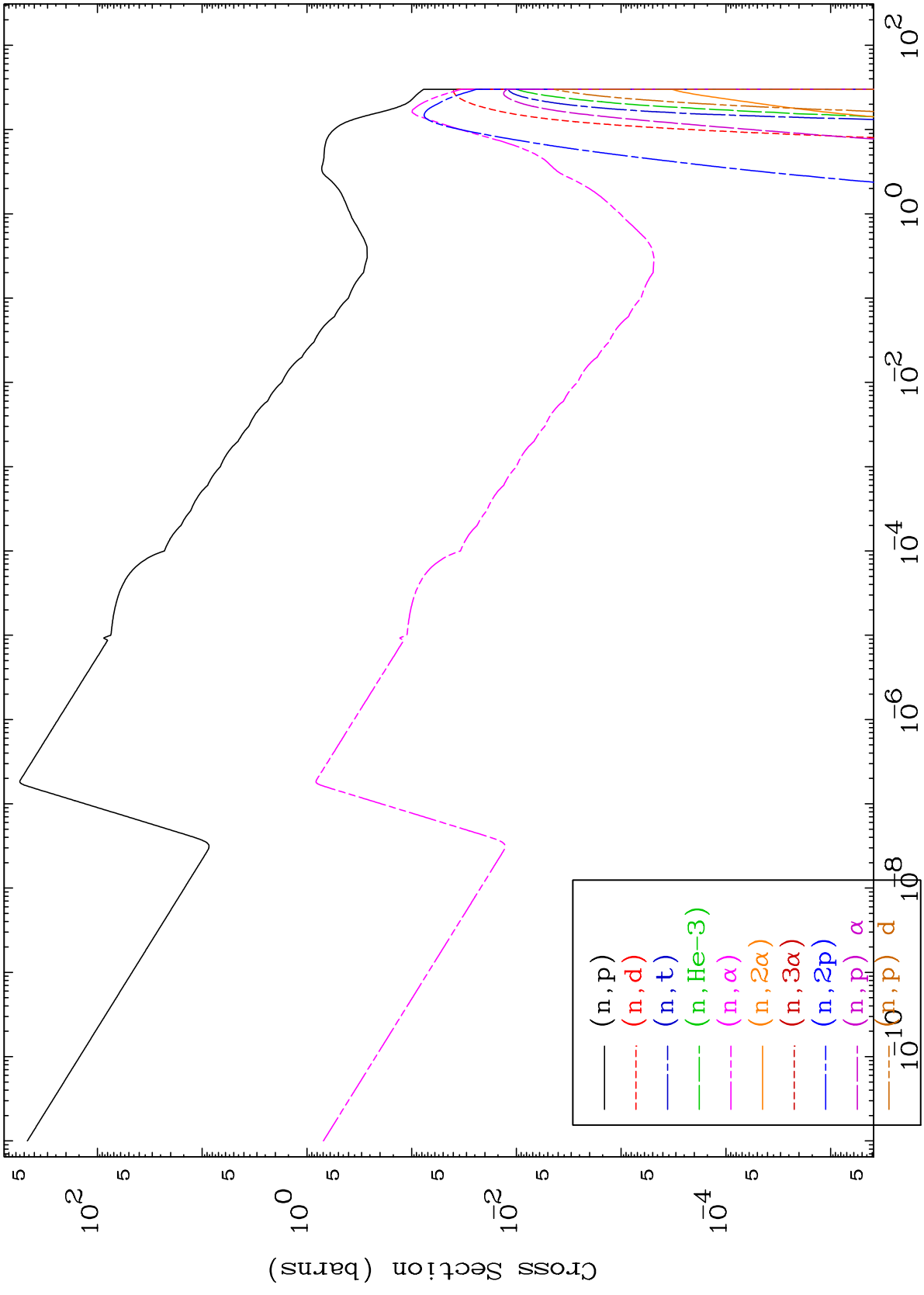
64-Gd-143



MAT 6399

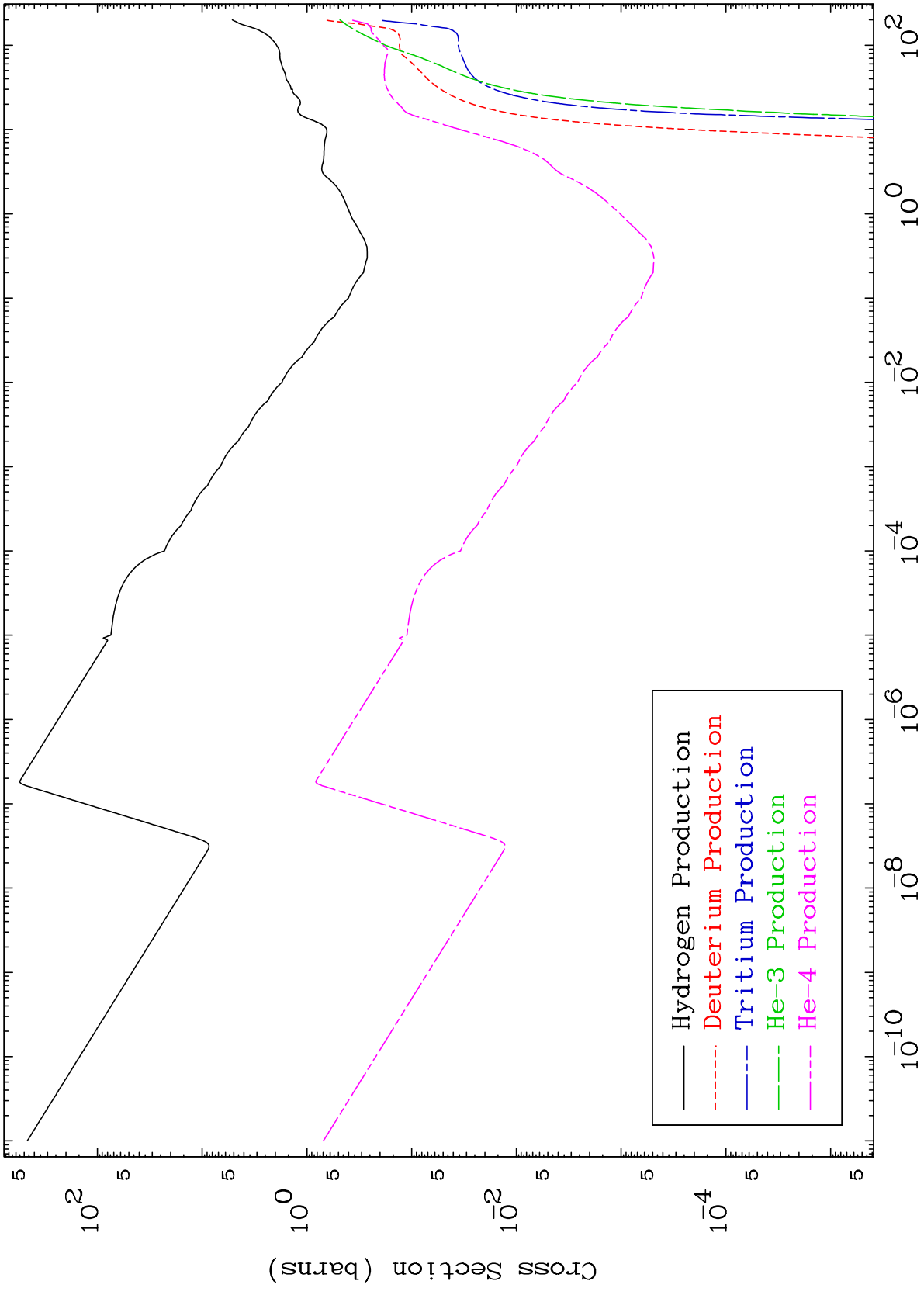
Charged Particle
293 Kelvin Cross Sections

64-Gd-143



5

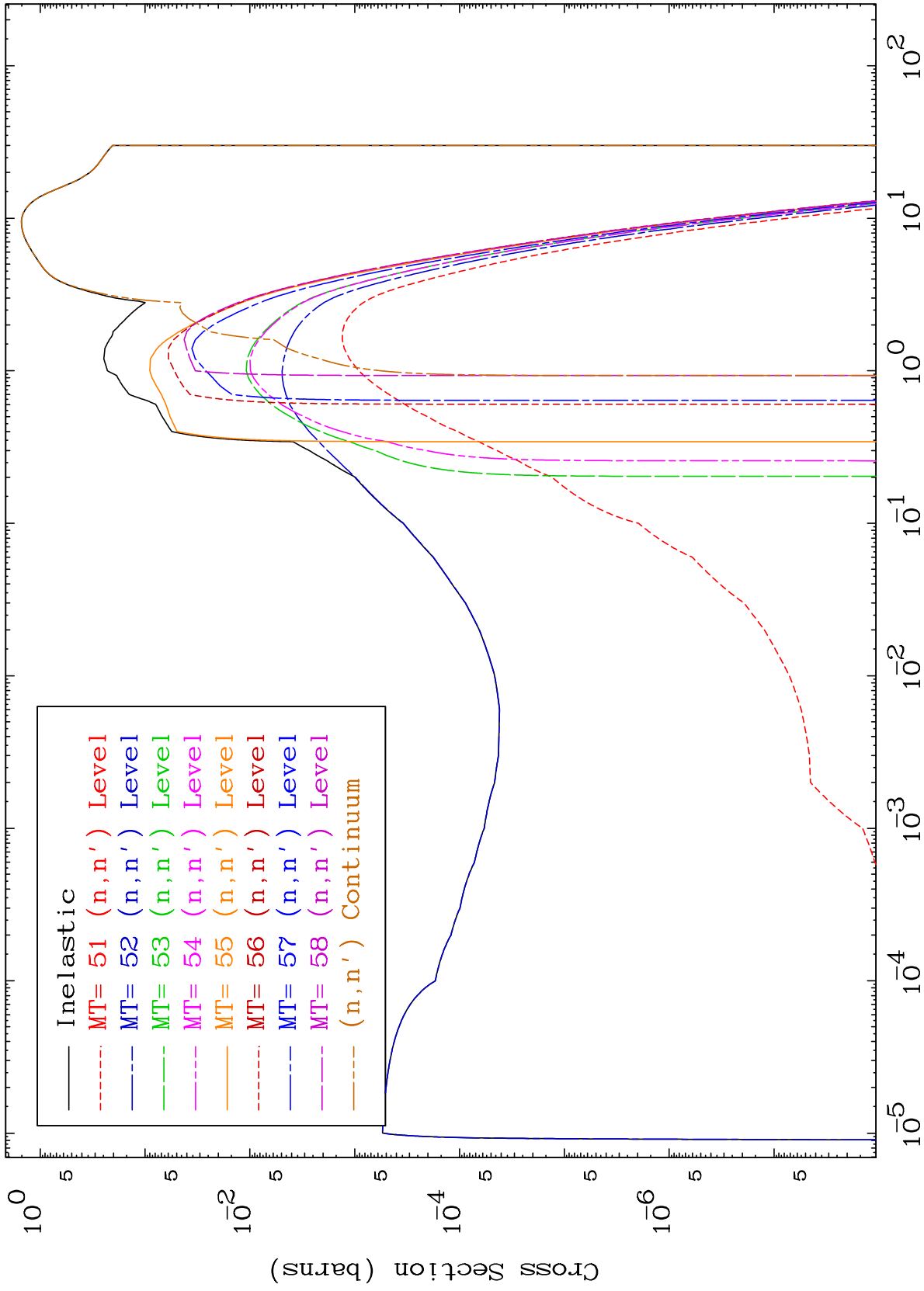
64-Gd-143



MAT 6399

293 Kelvin Cross Sections

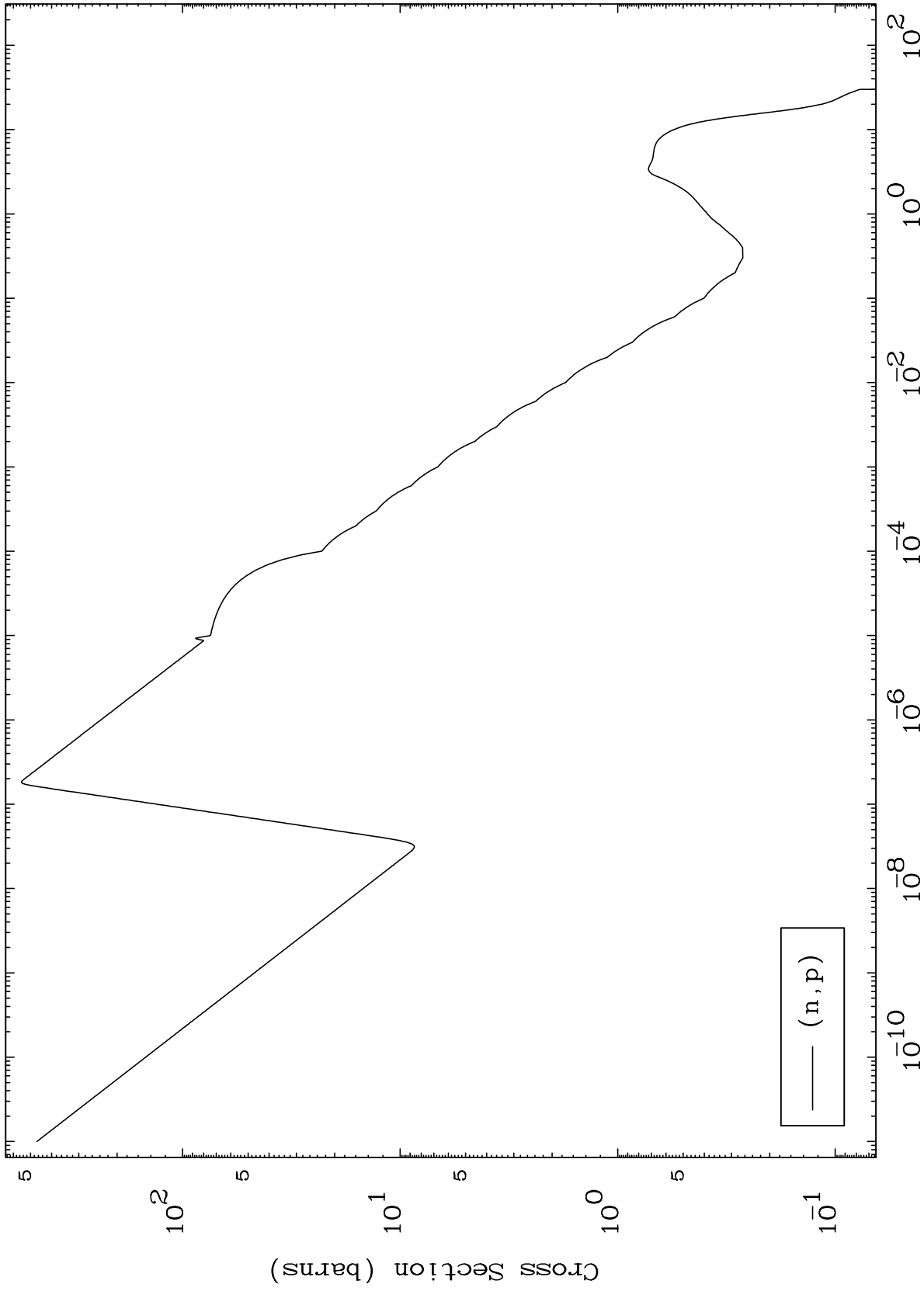
64-Gd-143



MAT 6399

(n,p) Levels
293 Kelvin Cross Sections

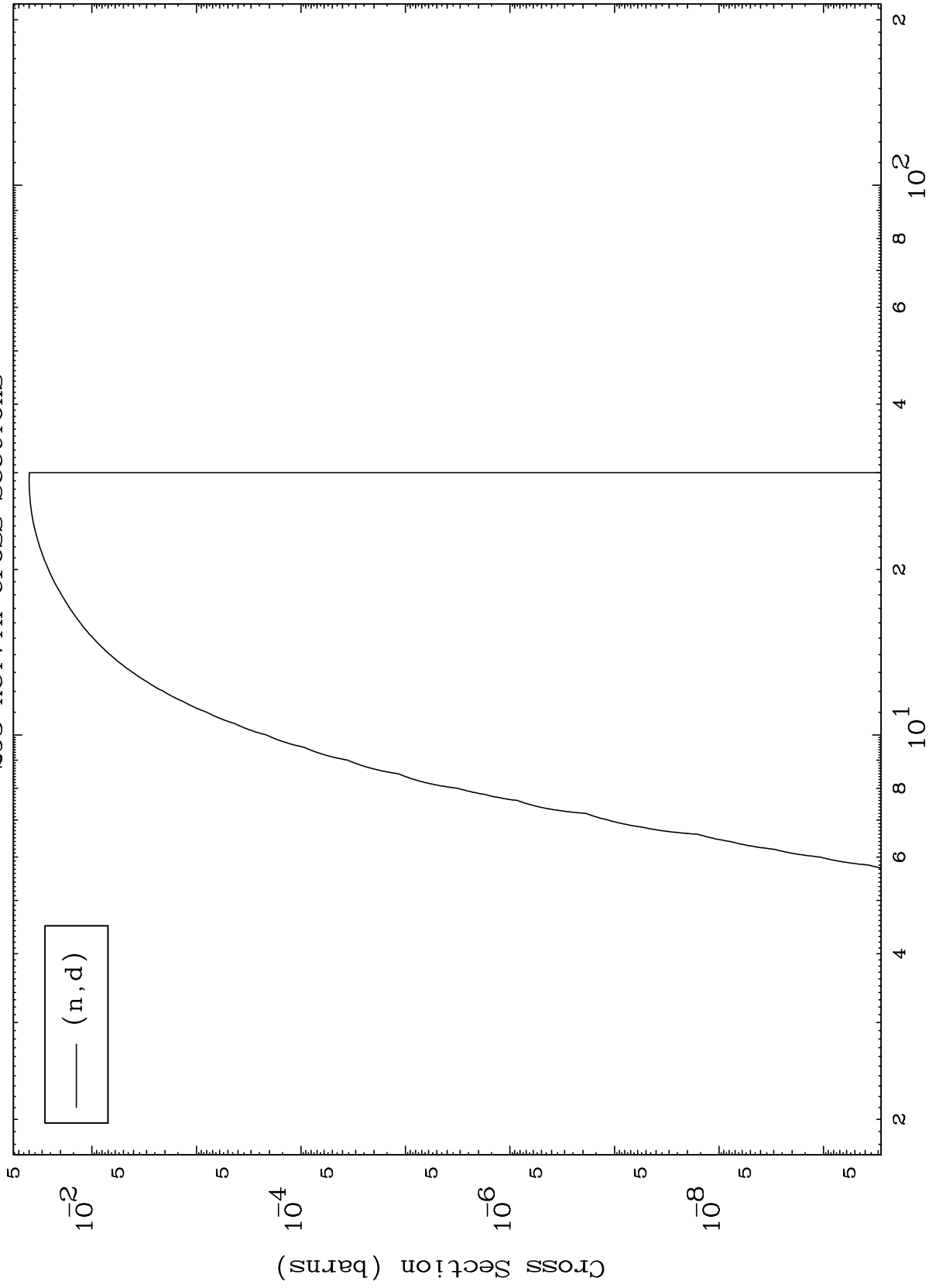
64-Gd-143



MAT 6399

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-143



9

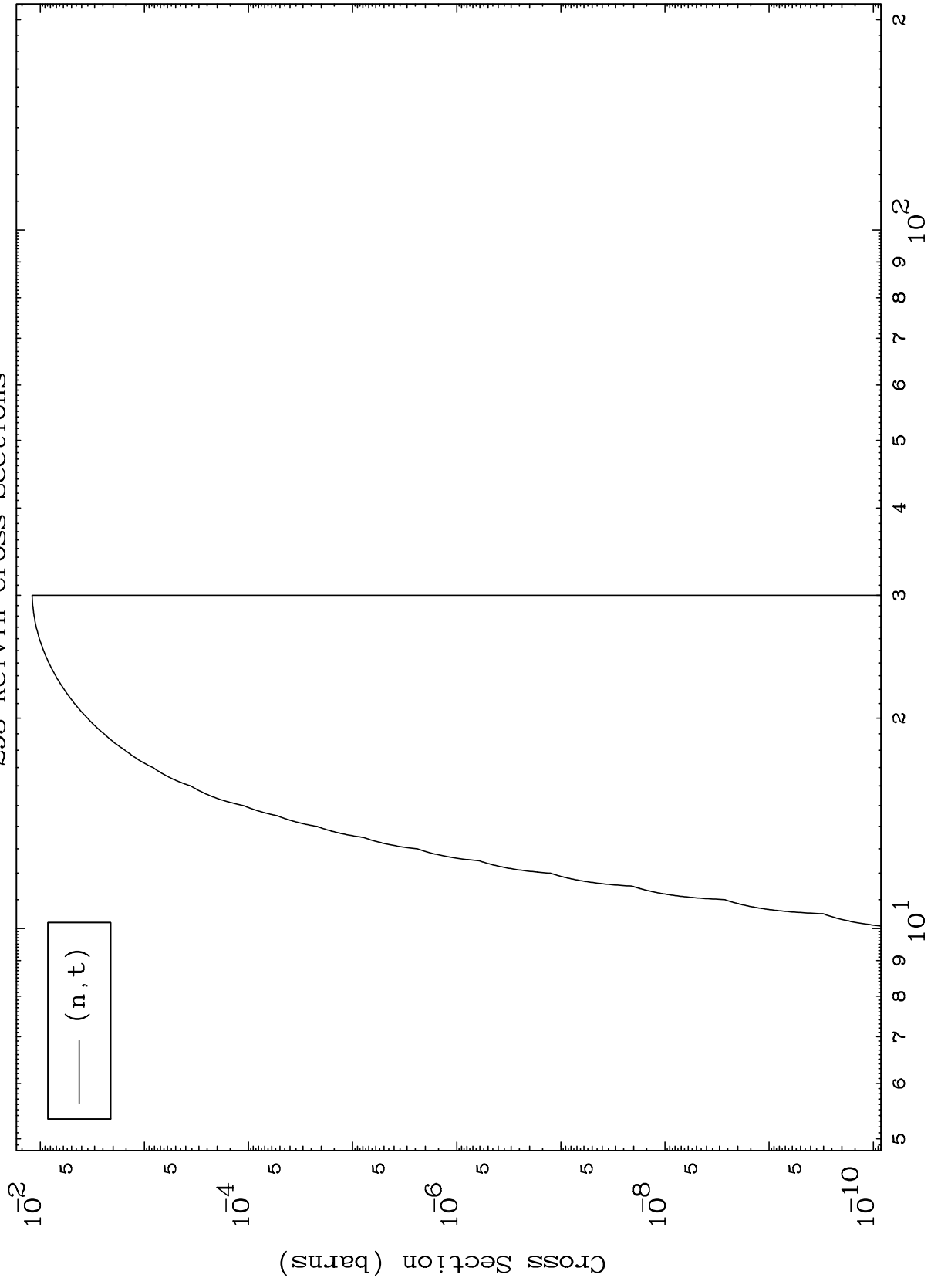
Incident Energy (MeV)

64-Gd-143

MAT 6399

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-143



10

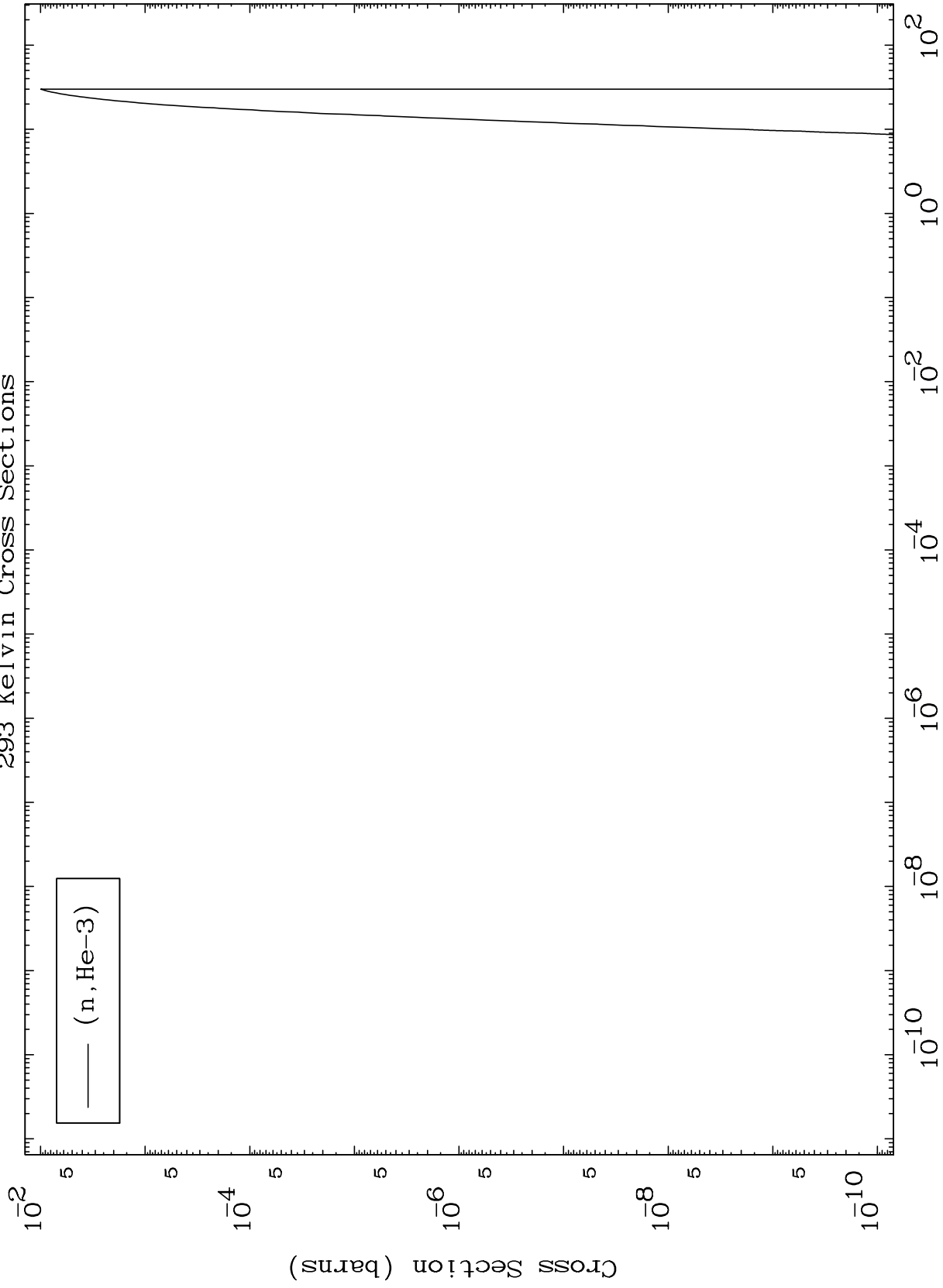
Incident Energy (MeV)

64-Gd-143

MAT 6399

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-143

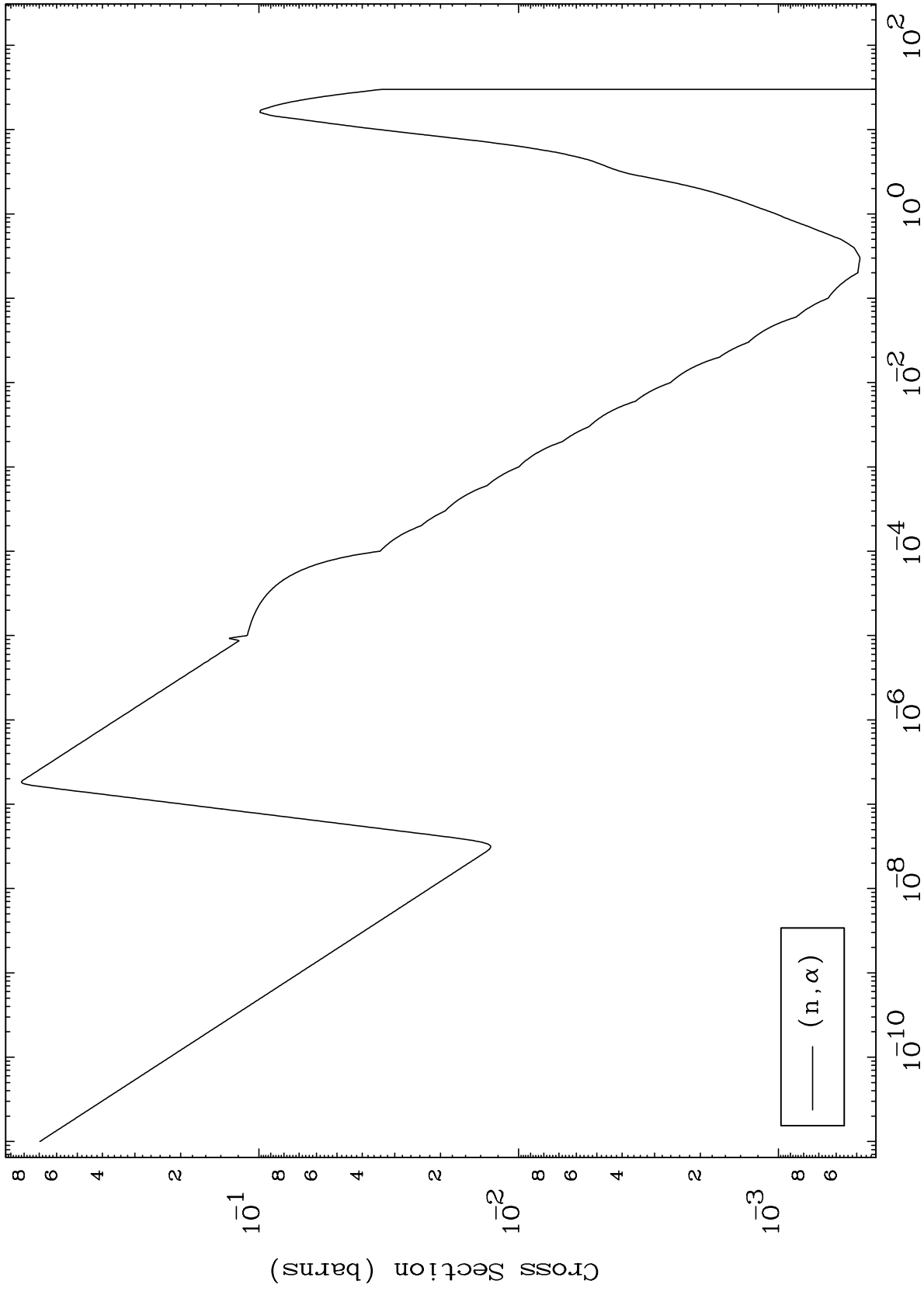


(n, He-3)

MAT 6399

(n,α) Levels
293 Kelvin Cross Sections

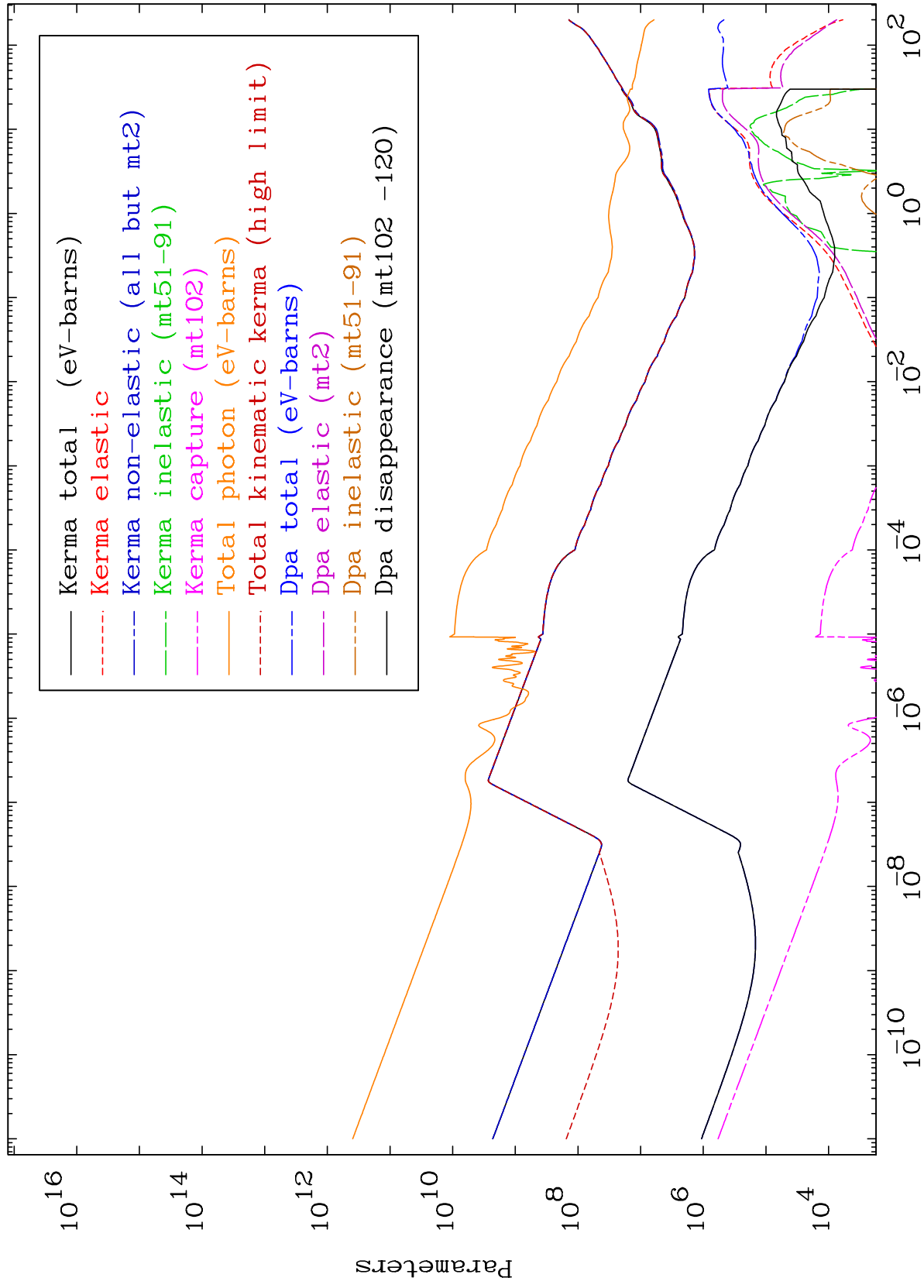
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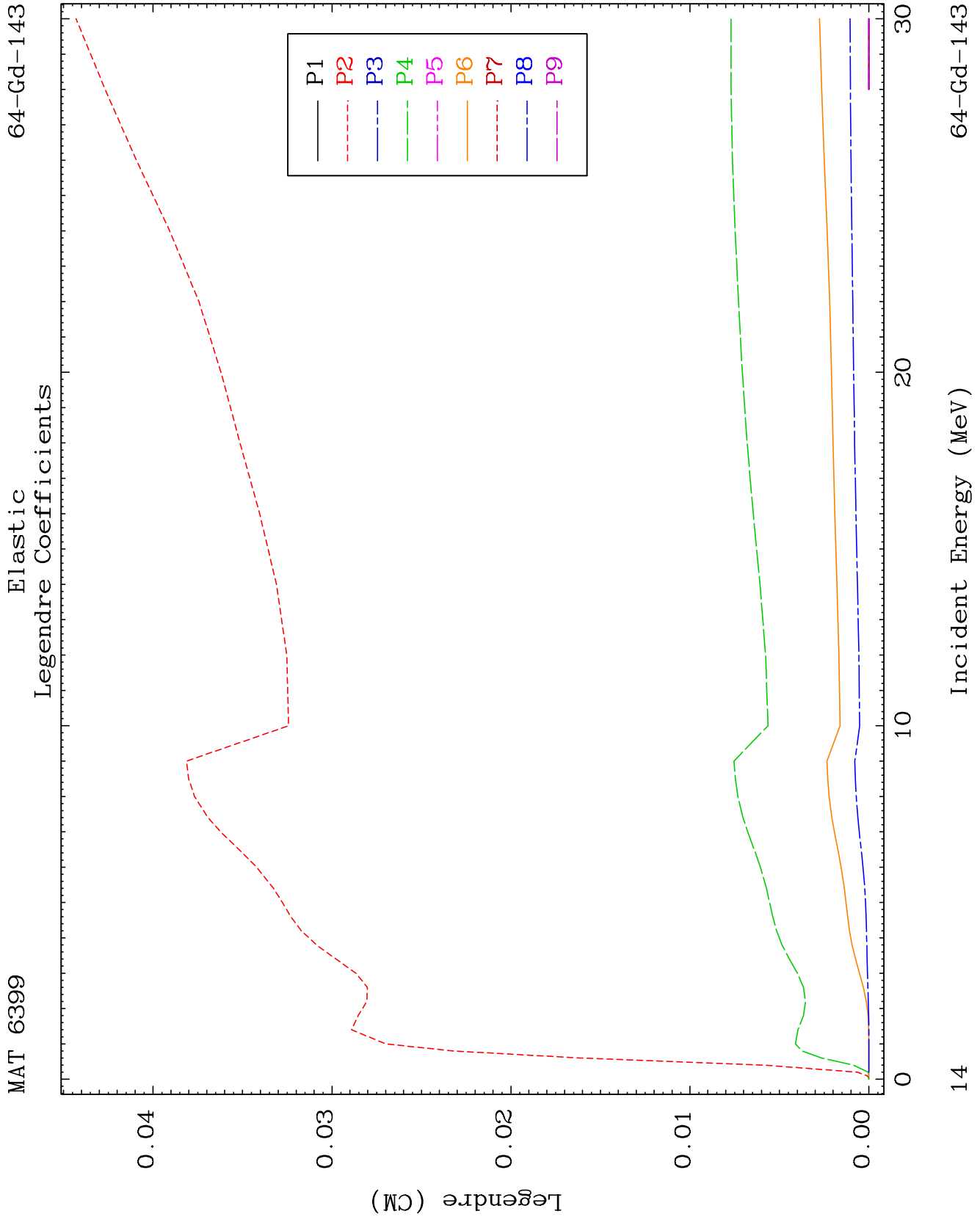


12

Incident Energy (MeV)

64-Gd-143

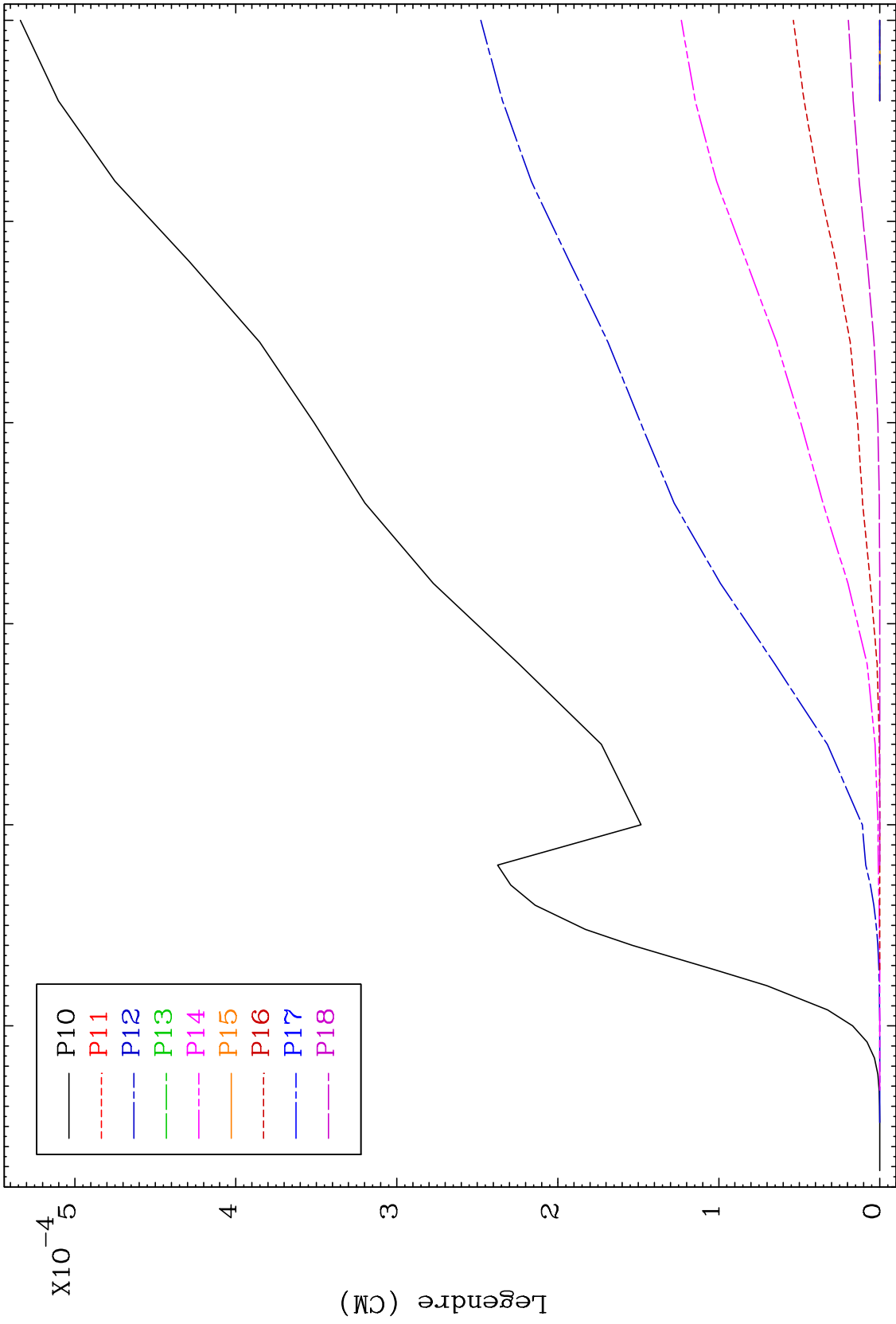




MAT 6399

Elastic Legendre Coefficients

64-Gd-143



15

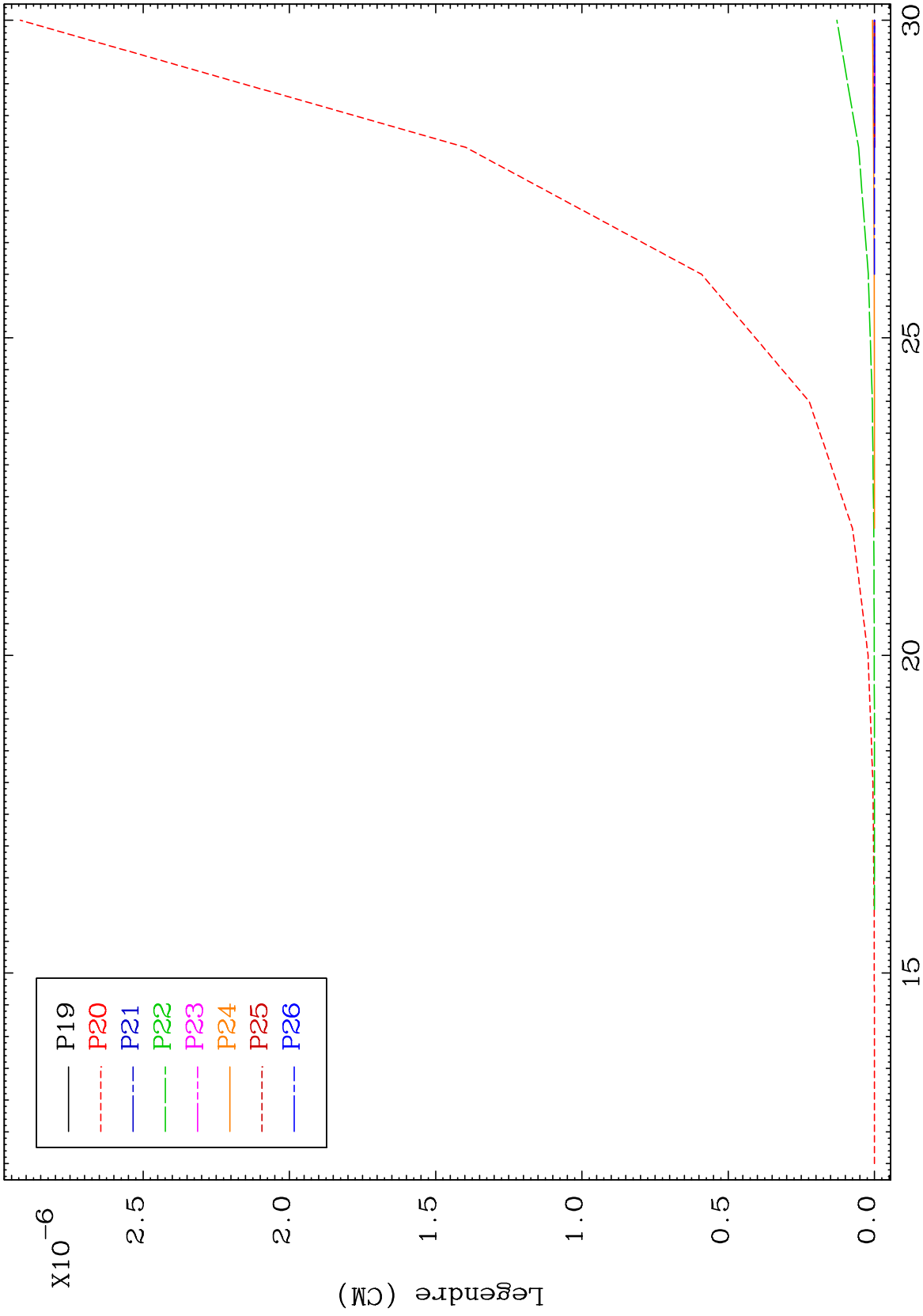
Incident Energy (MeV)

64-Gd-143

MAT 6399

Elastic Legendre Coefficients

64-Gd-143



16

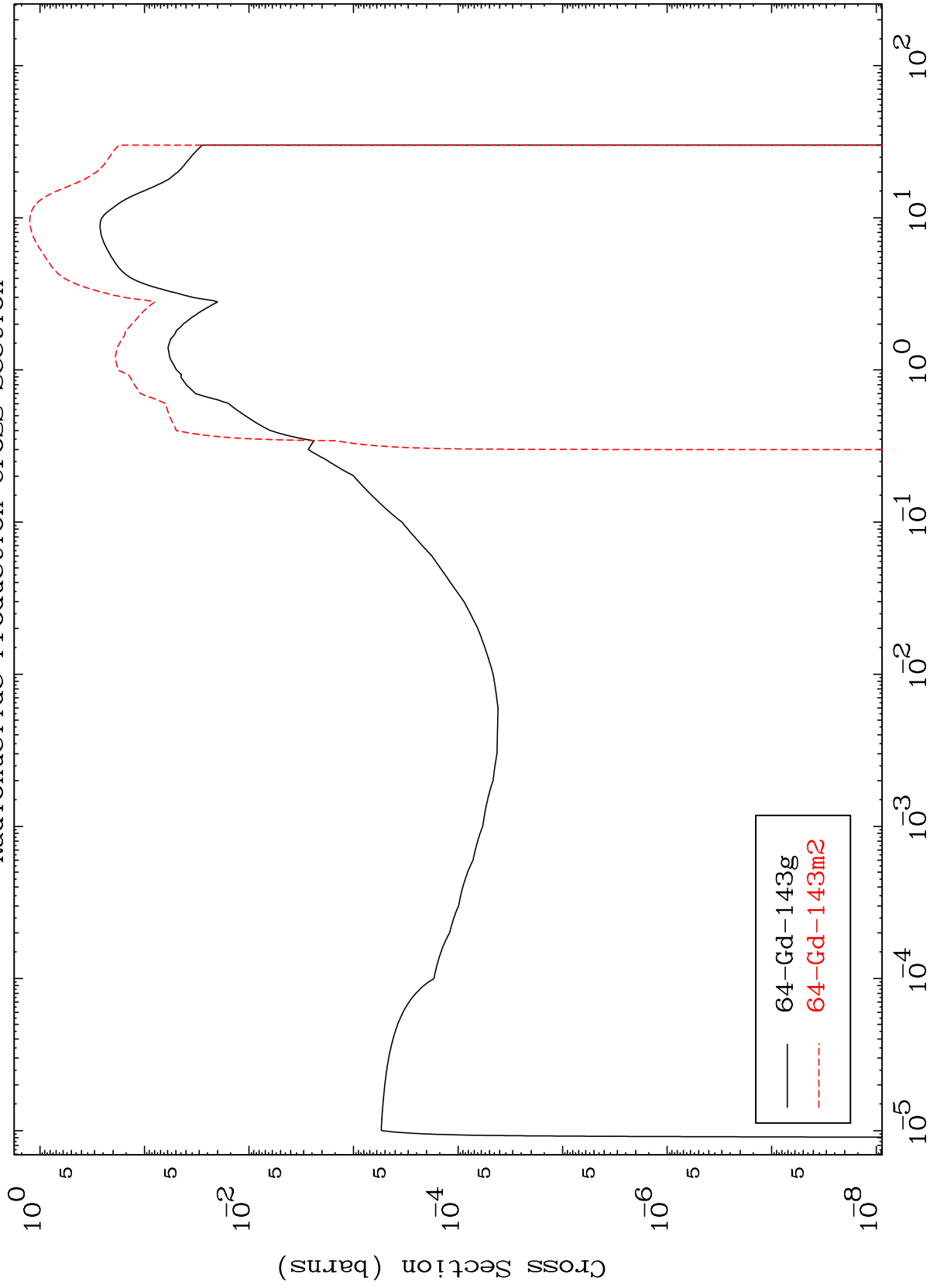
Incident Energy (MeV)

64-Gd-143

MAT 6399

Inelastic
Radionuclide Production Cross Section

64-Gd-143



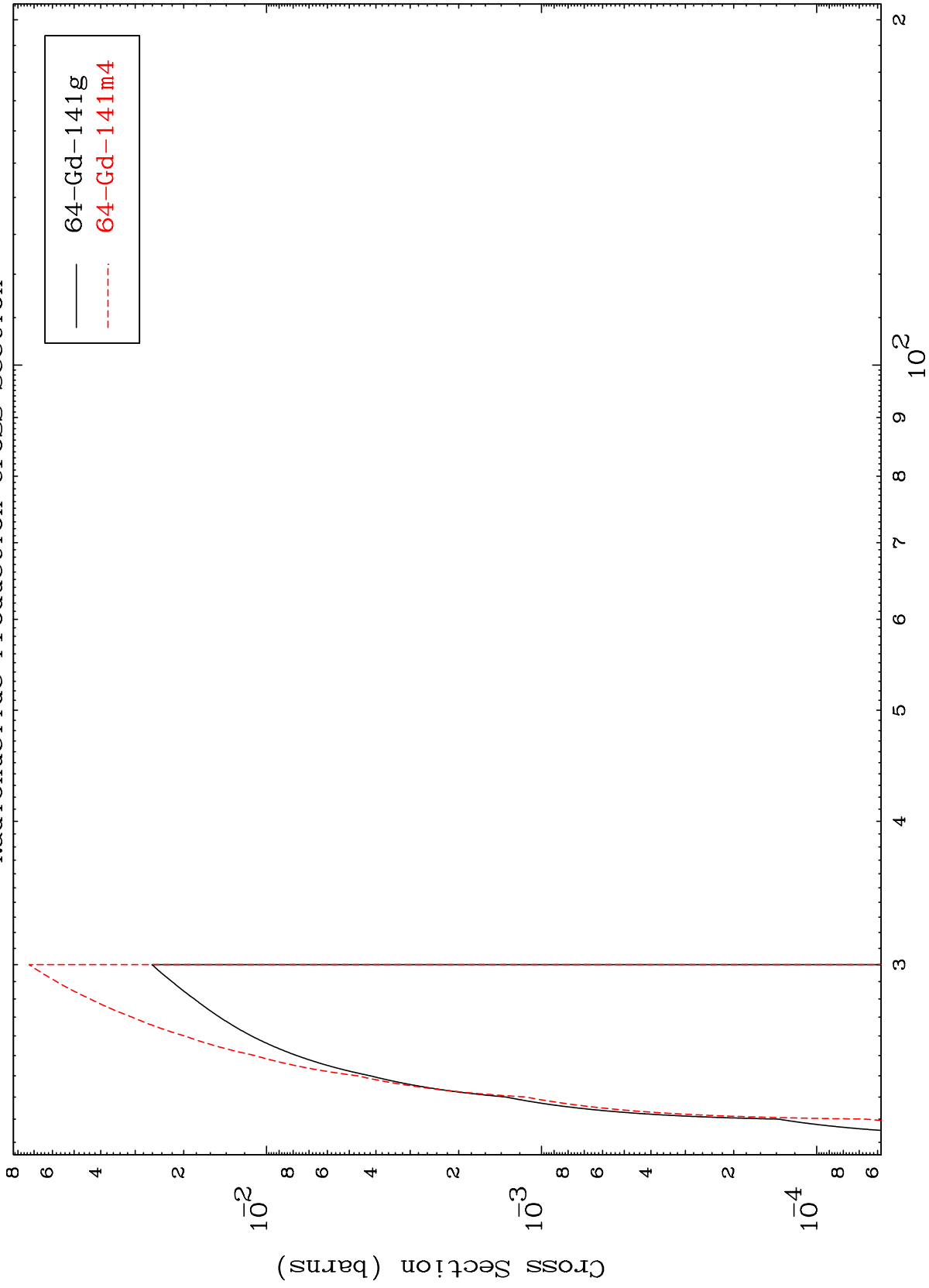
64-Gd-143g
64-Gd-143m2

MAT 6399

(n,3n)

64-Gd-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

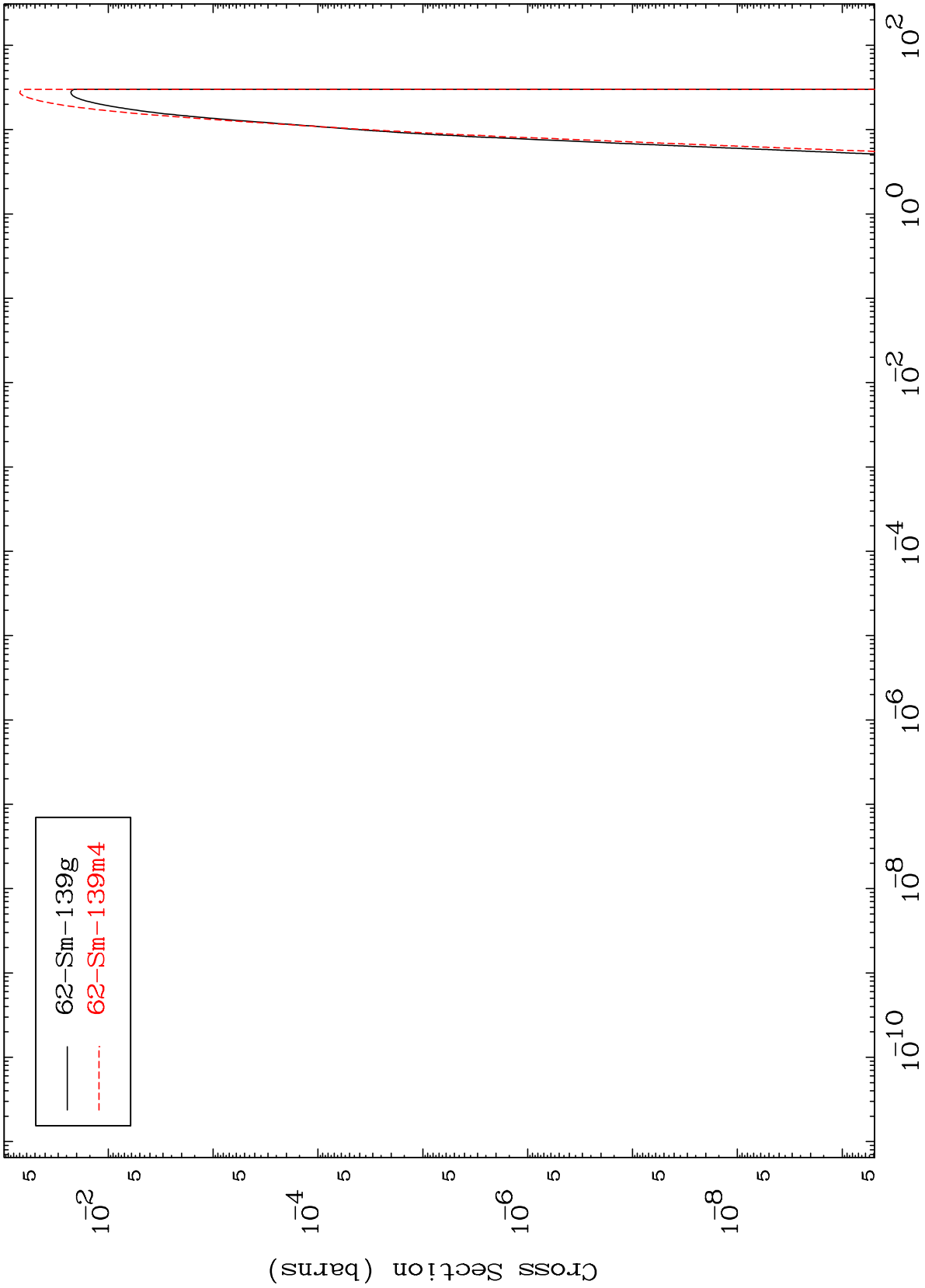
64-Gd-143

MAT 6399

(n,n') α

64-Gd-143

Radionuclide Production Cross Section



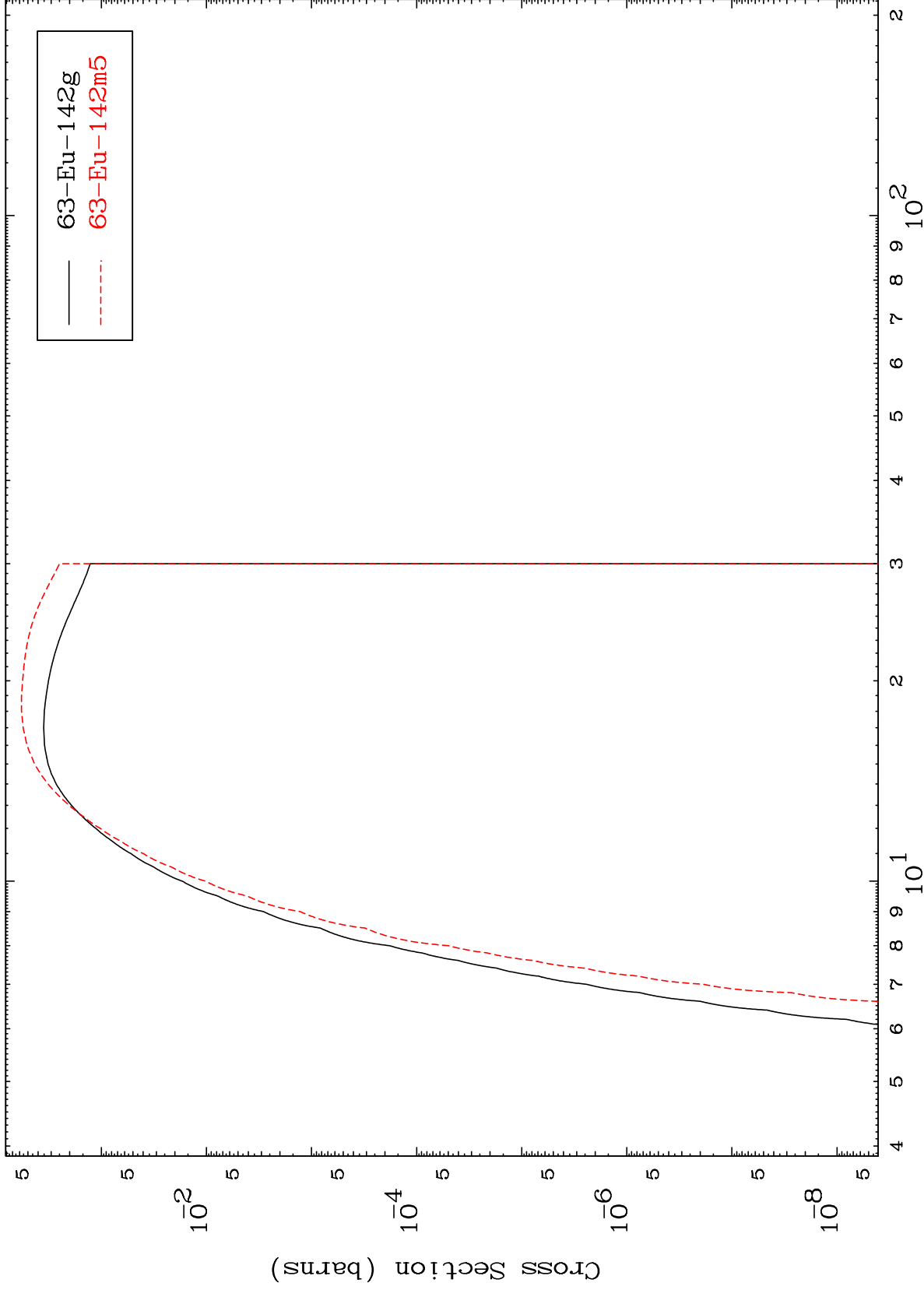
64-Gd-143

MAT 6399

(n,n') p

64-Gd-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

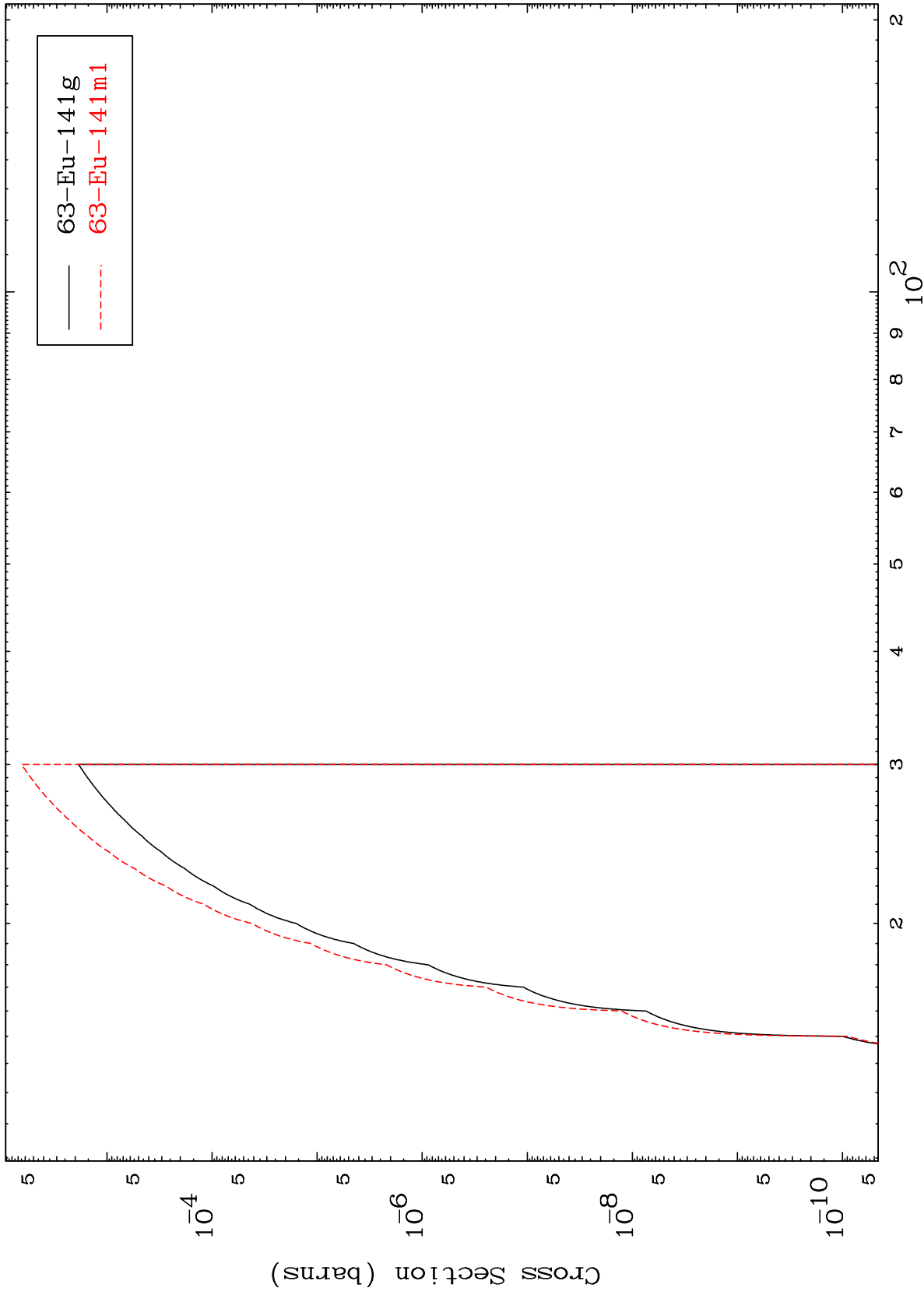
64-Gd-143

MAT 6399

(n,n') d

64-Gd-143

Radionuclide Production Cross Section



21

Incident Energy (MeV)

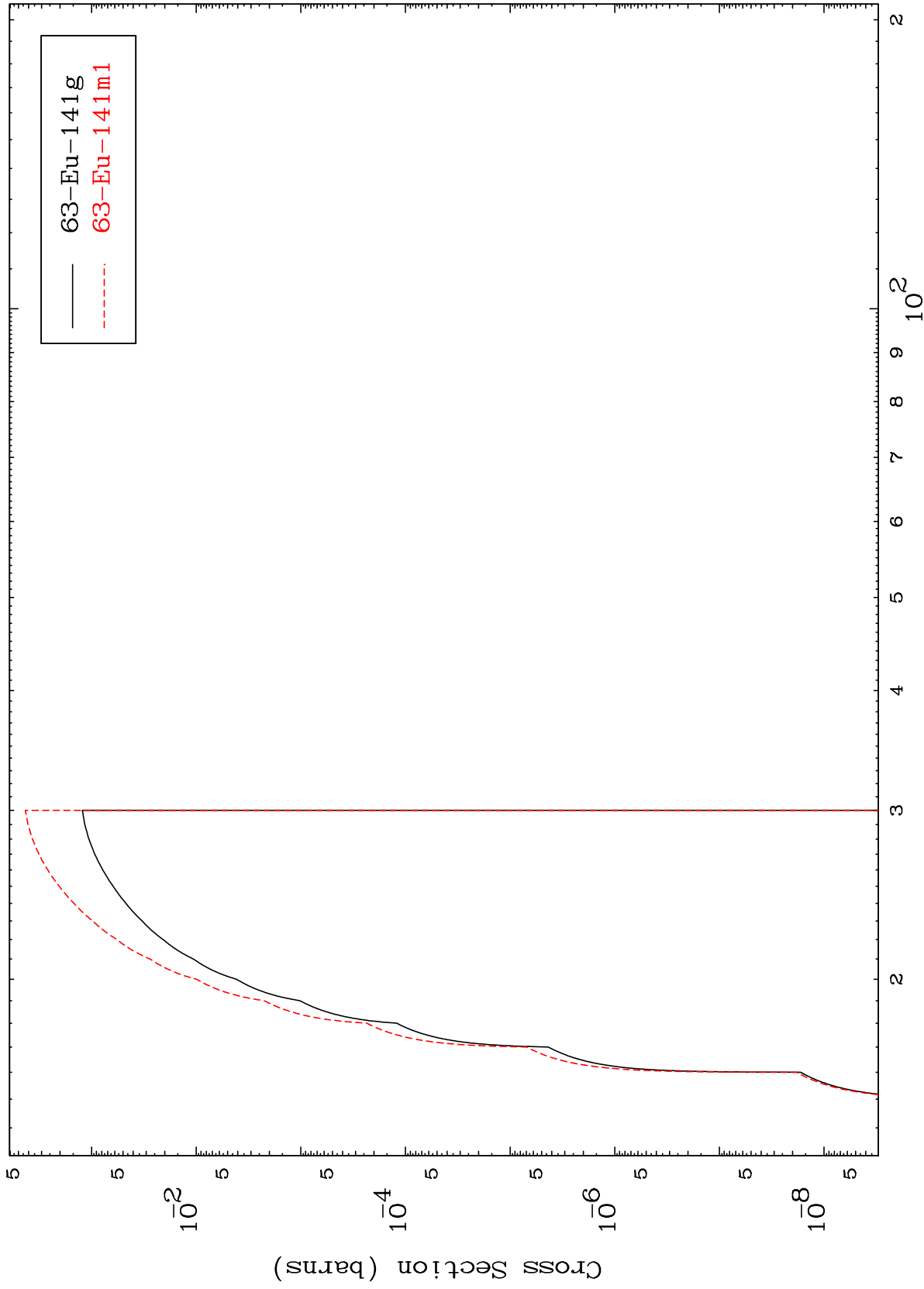
64-Gd-143

MAT 6399

(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

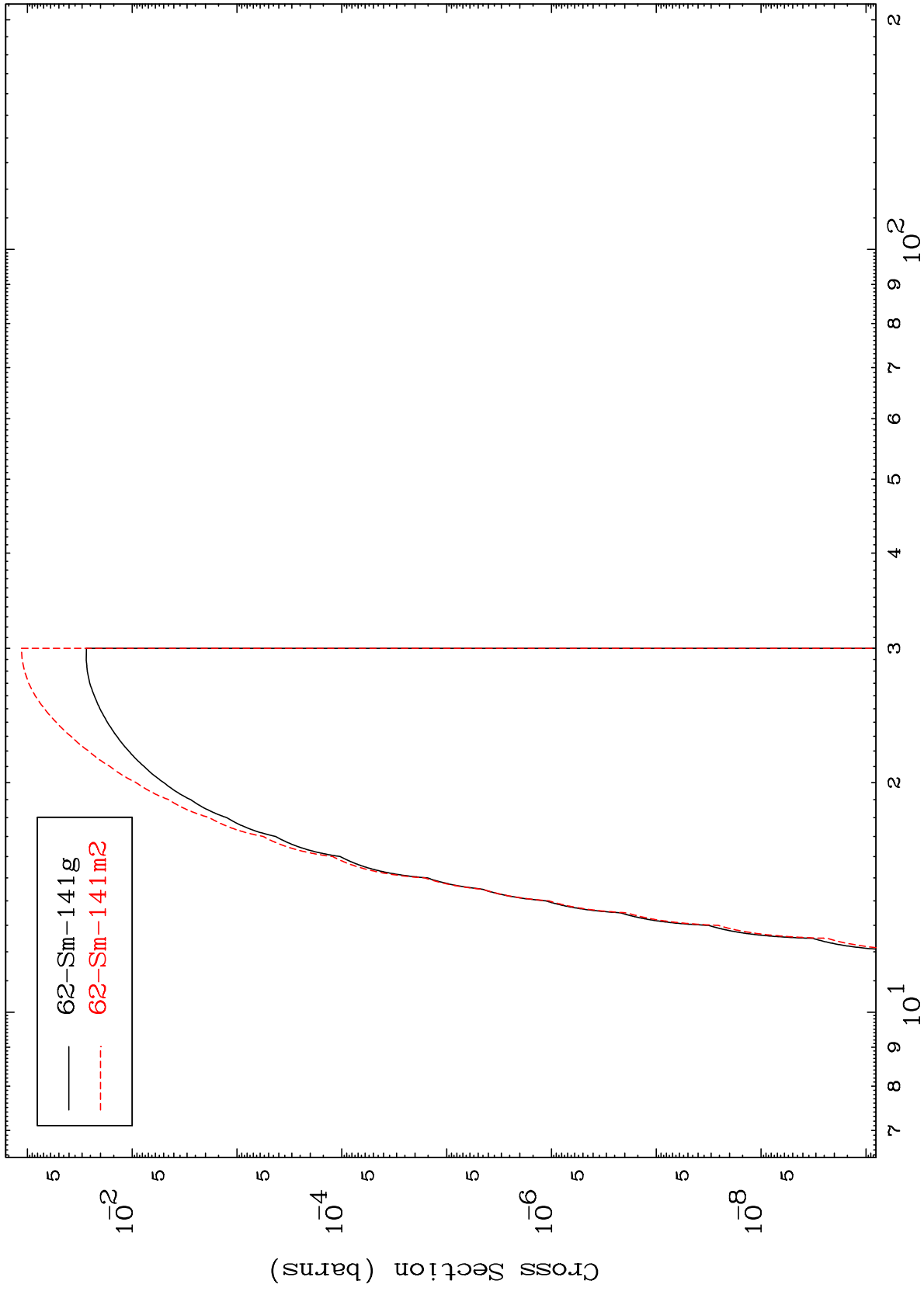
64-Gd-143

MAT 6399

(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

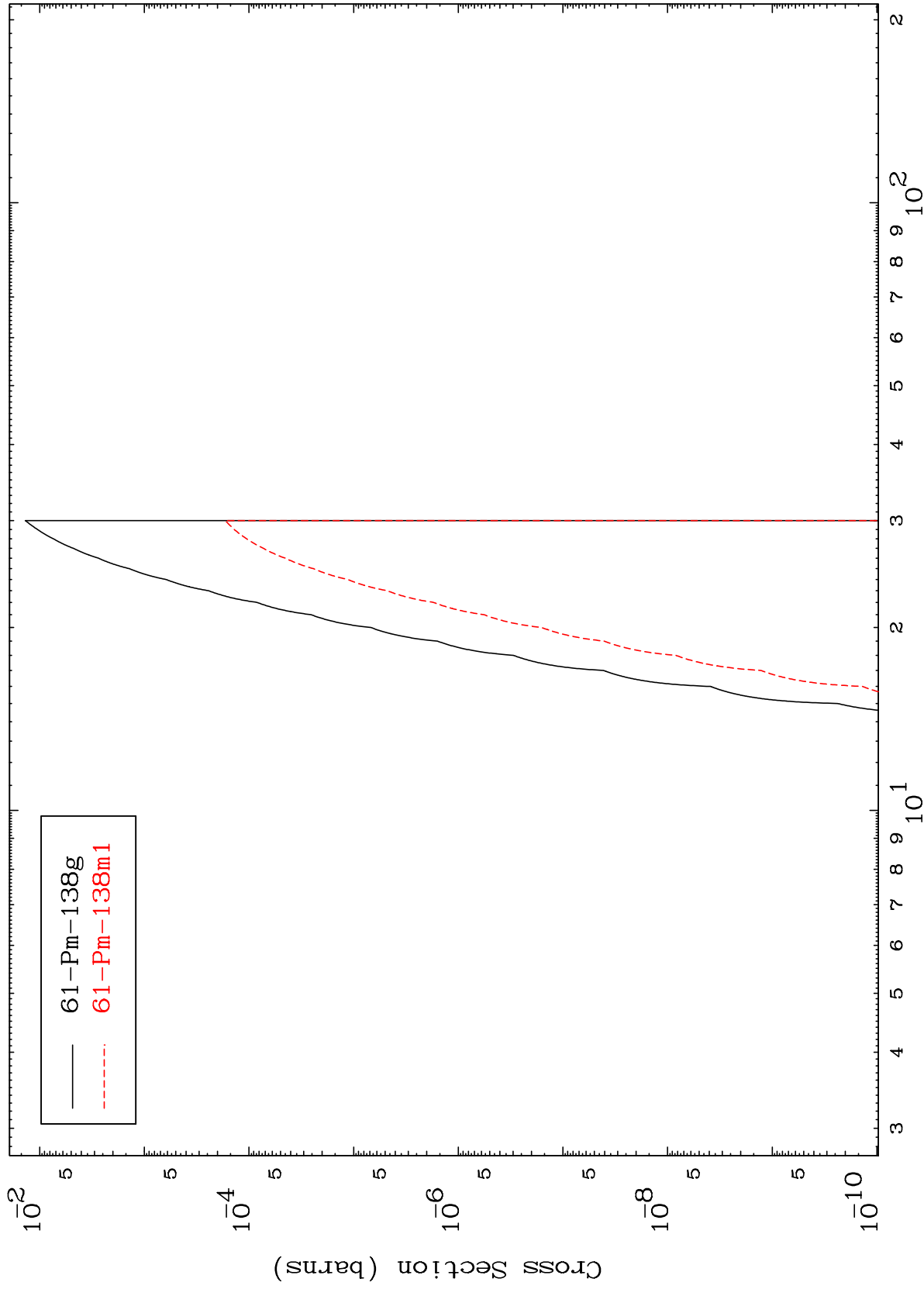
64-Gd-143

MAT 6399

(n,n') p α

64-Gd-143

Radionuclide Production Cross Section



24

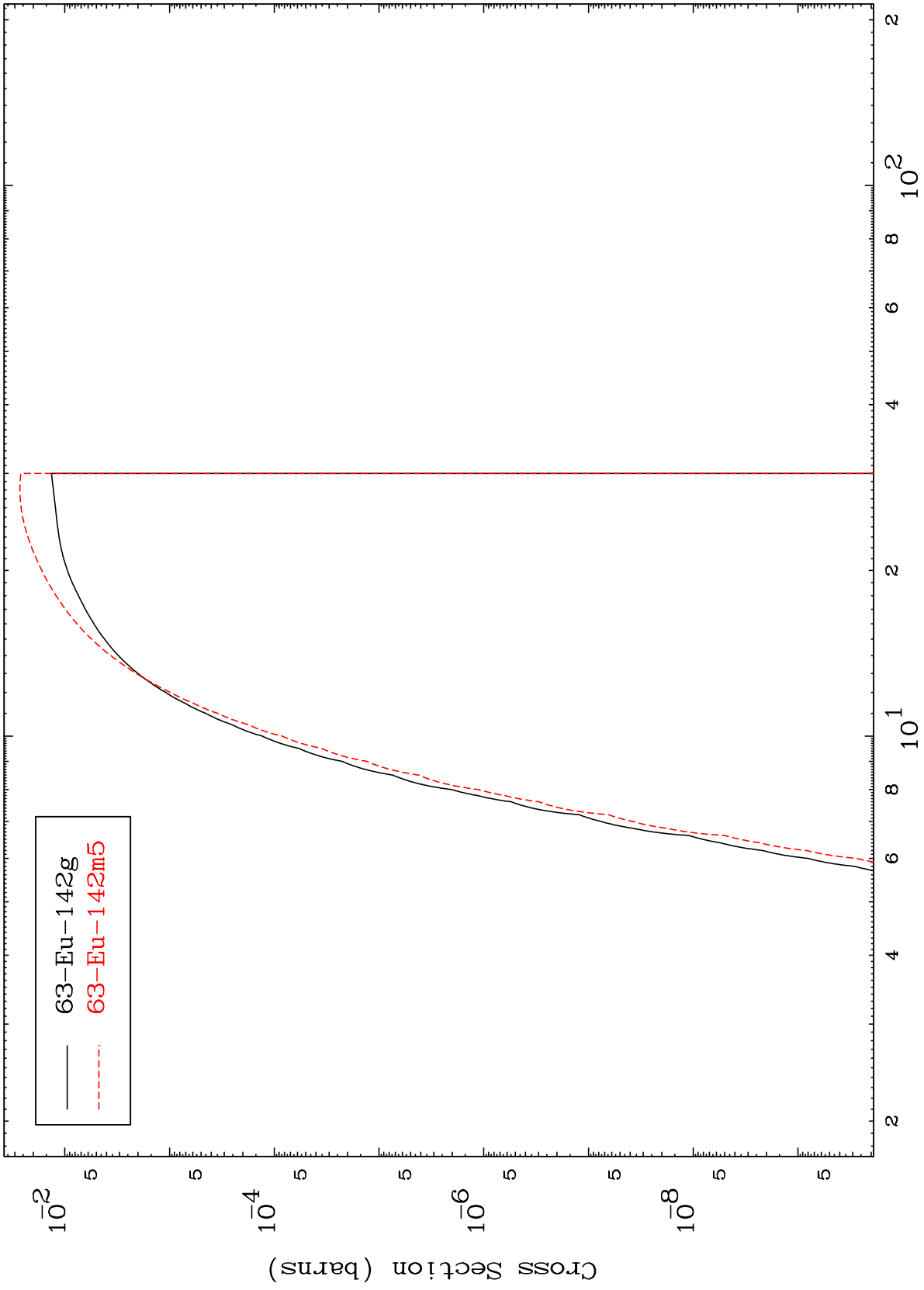
Incident Energy (MeV)

64-Gd-143

MAT 6399

(n,d)
Radionuclide Production Cross Section

64-Gd-143



25

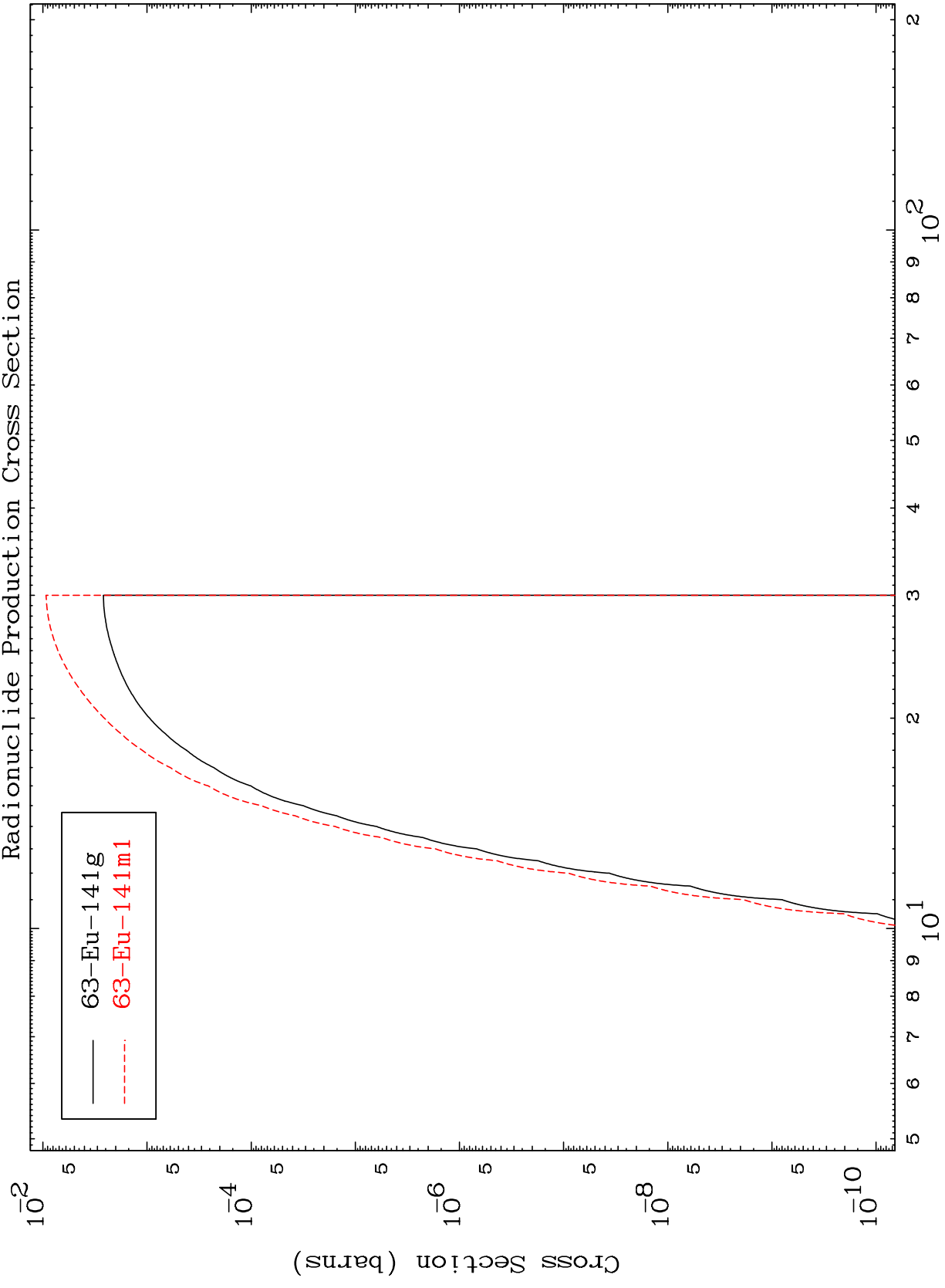
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

Radionuclide Production Cross Section (n, t)



63-Eu-141g
63-Eu-141m1

26

Incident Energy (MeV)

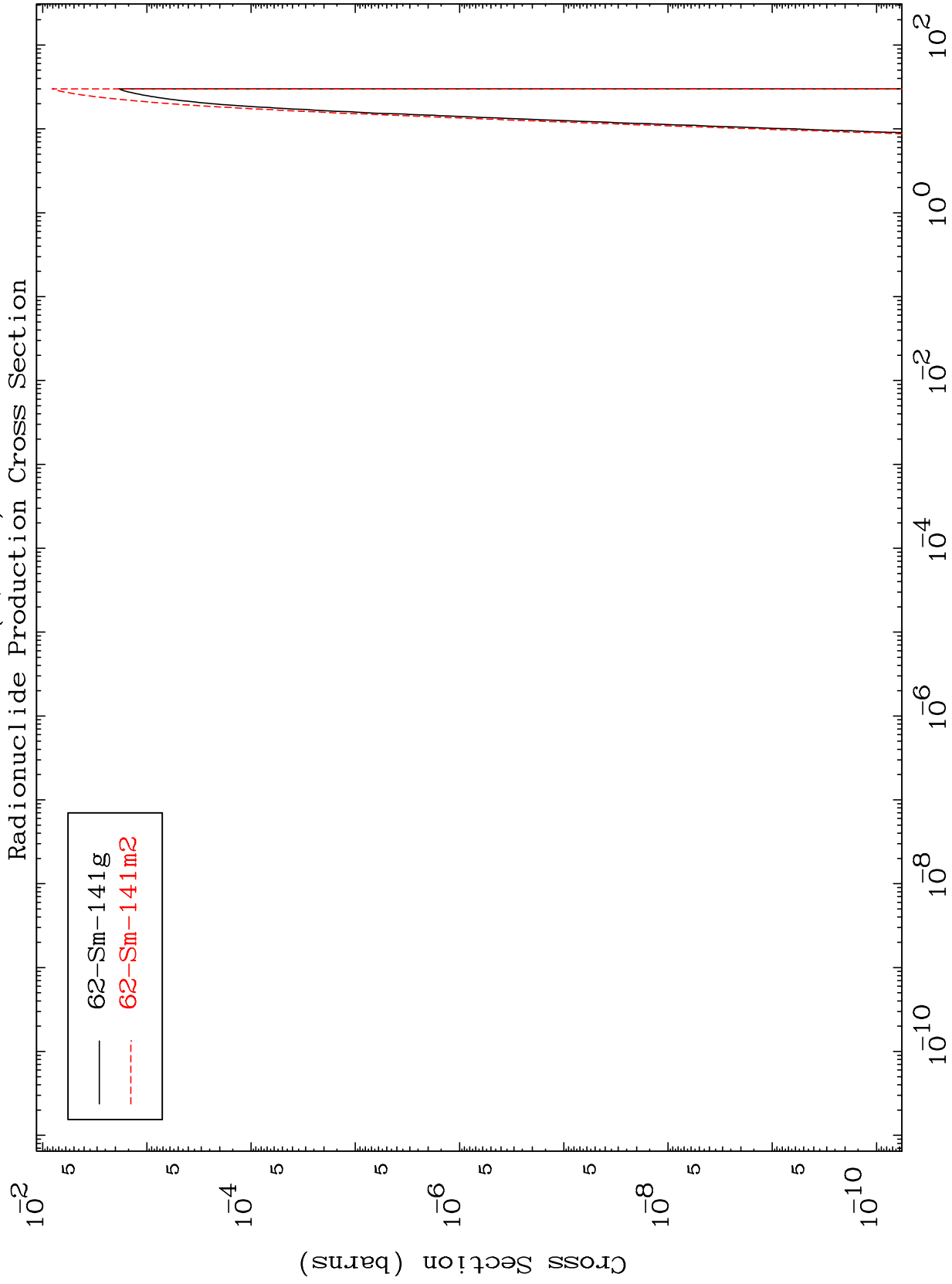
64-Gd-143

MAT 6399

(n, He-3)

64-Gd-143

Radionuclide Production Cross Section



27

Incident Energy (MeV)

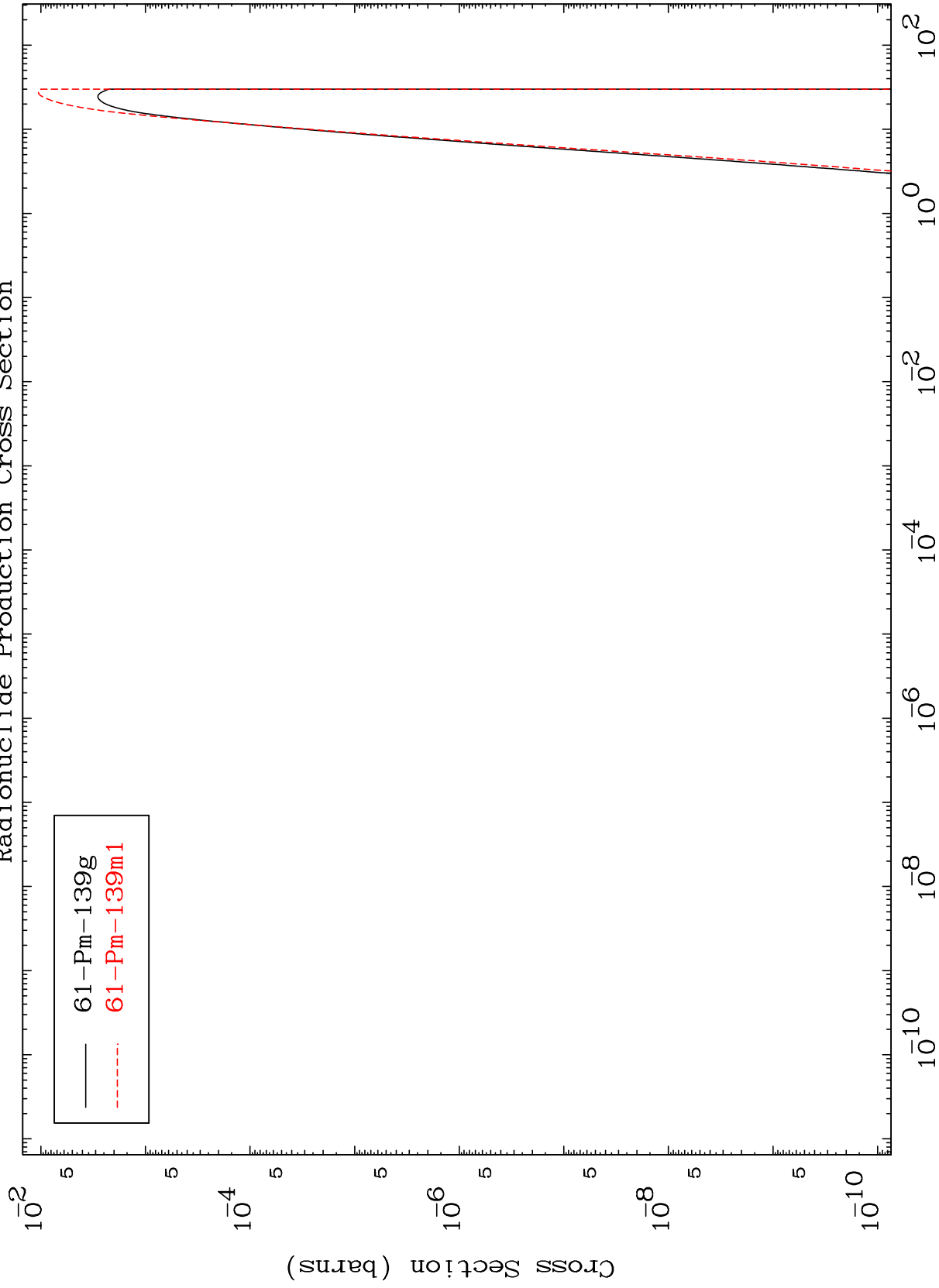
64-Gd-143

MAT 6399

(n,p) α

64-Gd-143

Radionuclide Production Cross Section



28

Incident Energy (MeV)

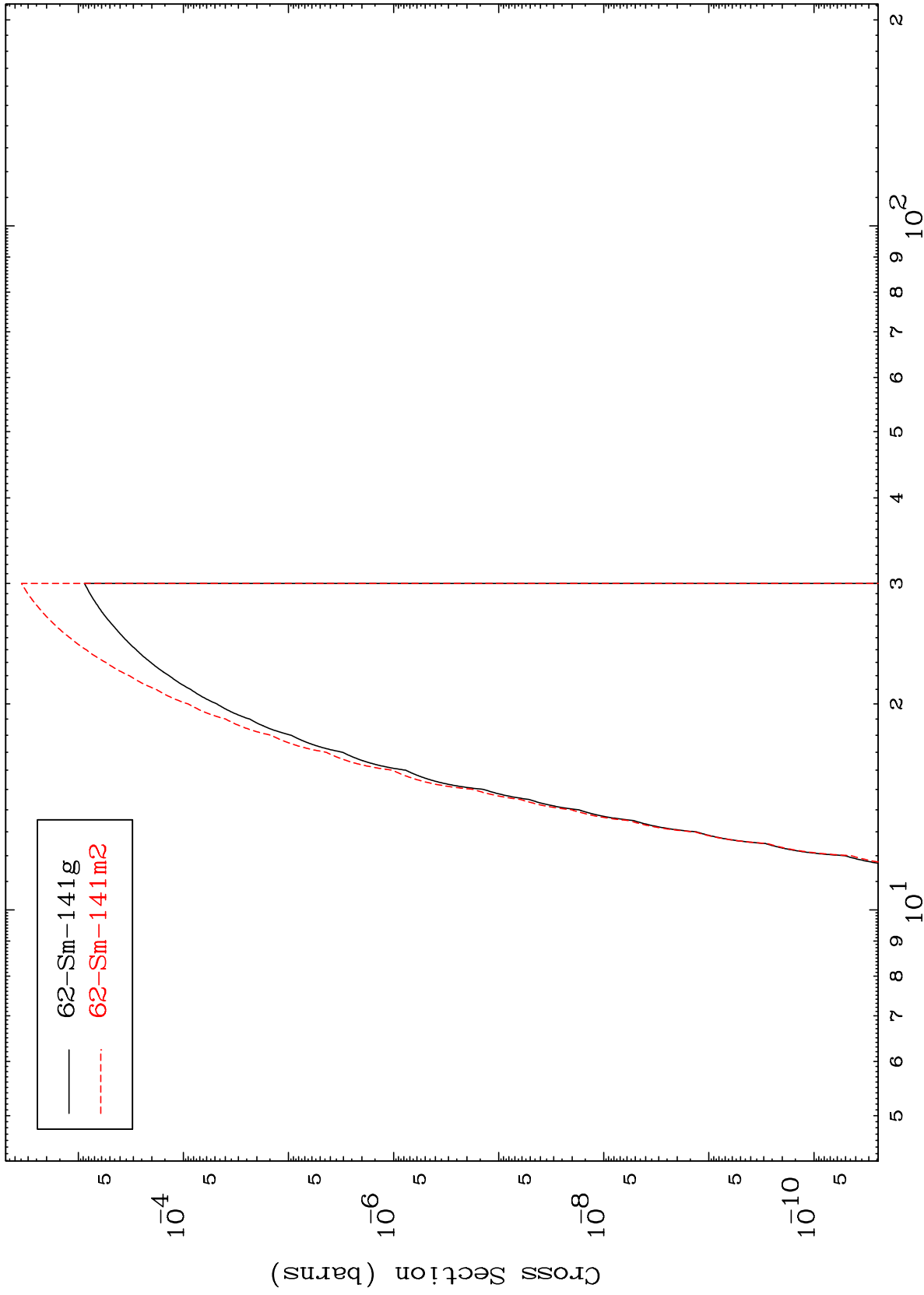
64-Gd-143

MAT 6399

(n,p) d

64-Gd-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

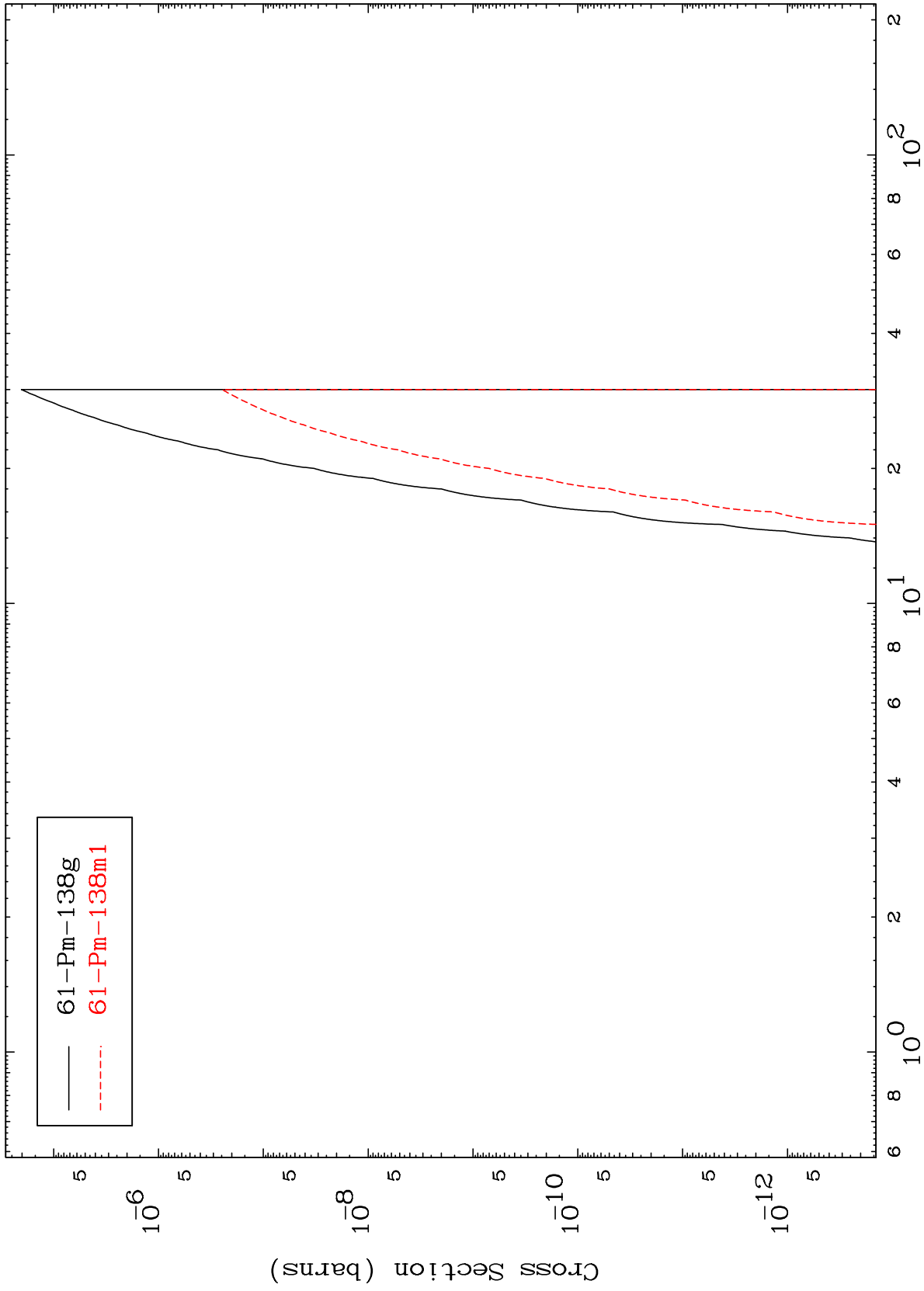
64-Gd-143

MAT 6399

(n,d) α

64-Gd-143

Radionuclide Production Cross Section



30

Incident Energy (MeV)

64-Gd-143