

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

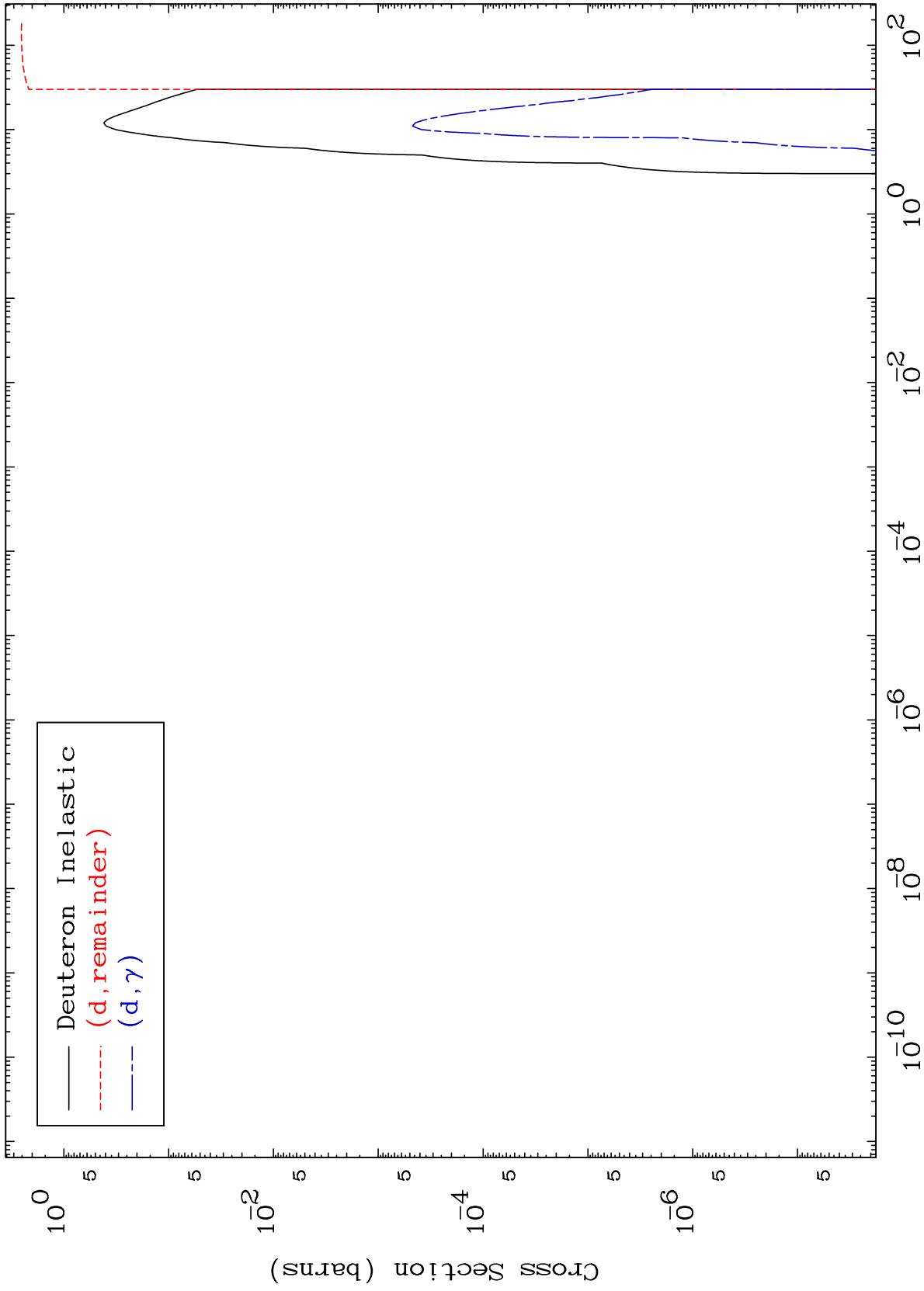
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6301

Deuteron Major  
0 Kelvin Cross Sections

63-Eu-143



1

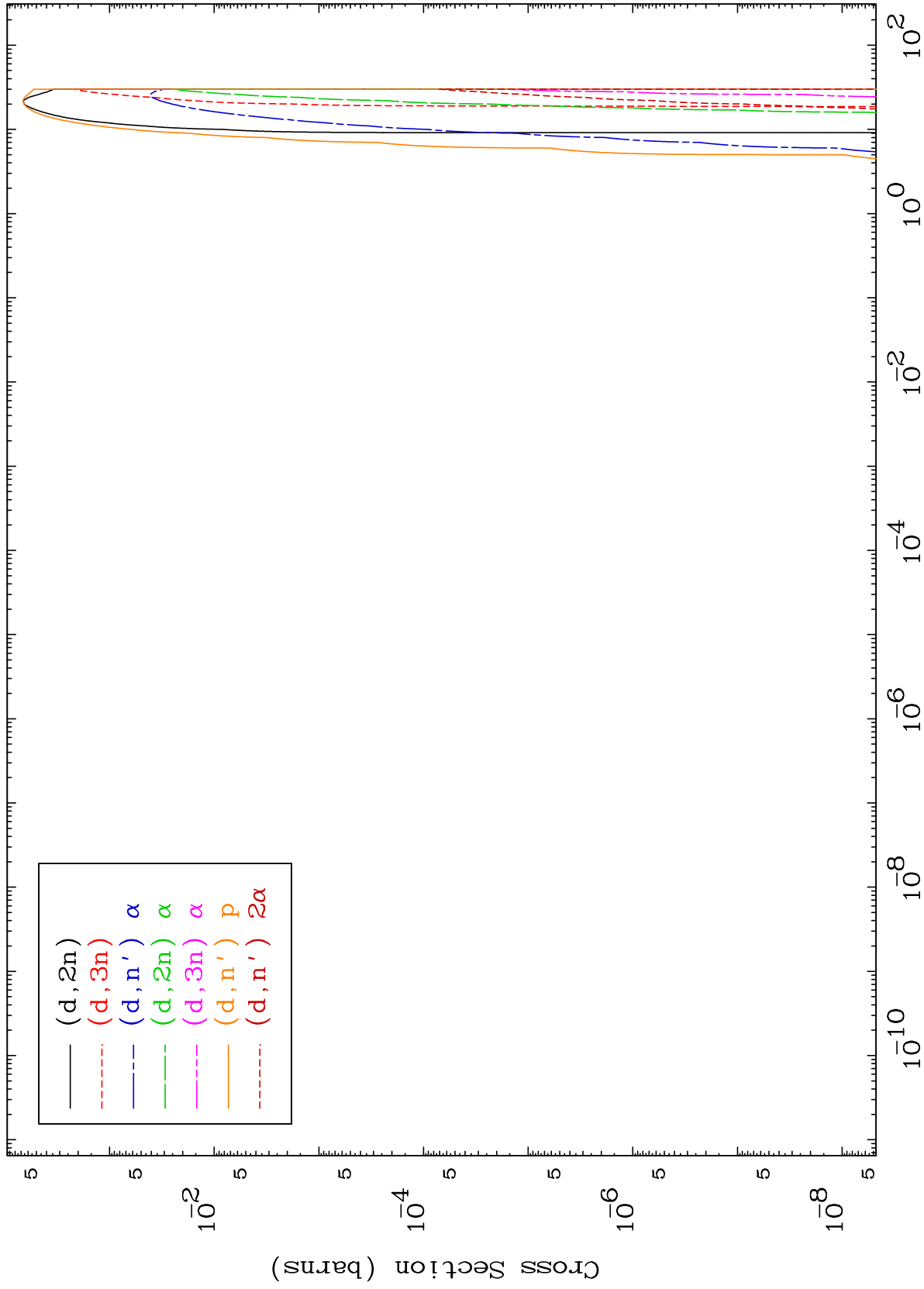
Incident Energy (MeV)

63-Eu-143

MAT 6301

Deuteron Neutron Production  
0 Kelvin Cross Sections

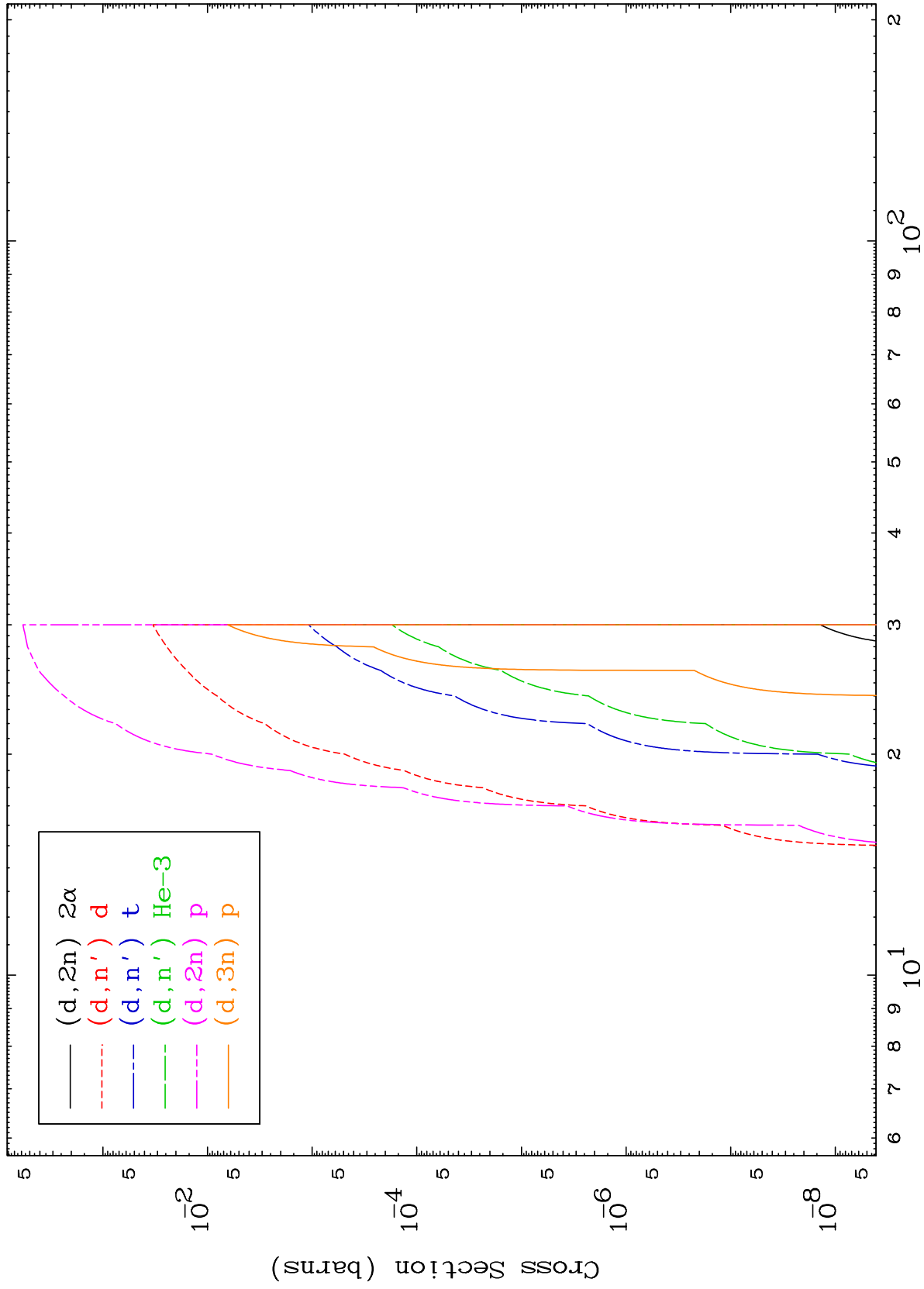
63-Eu-143



2

Incident Energy (MeV)

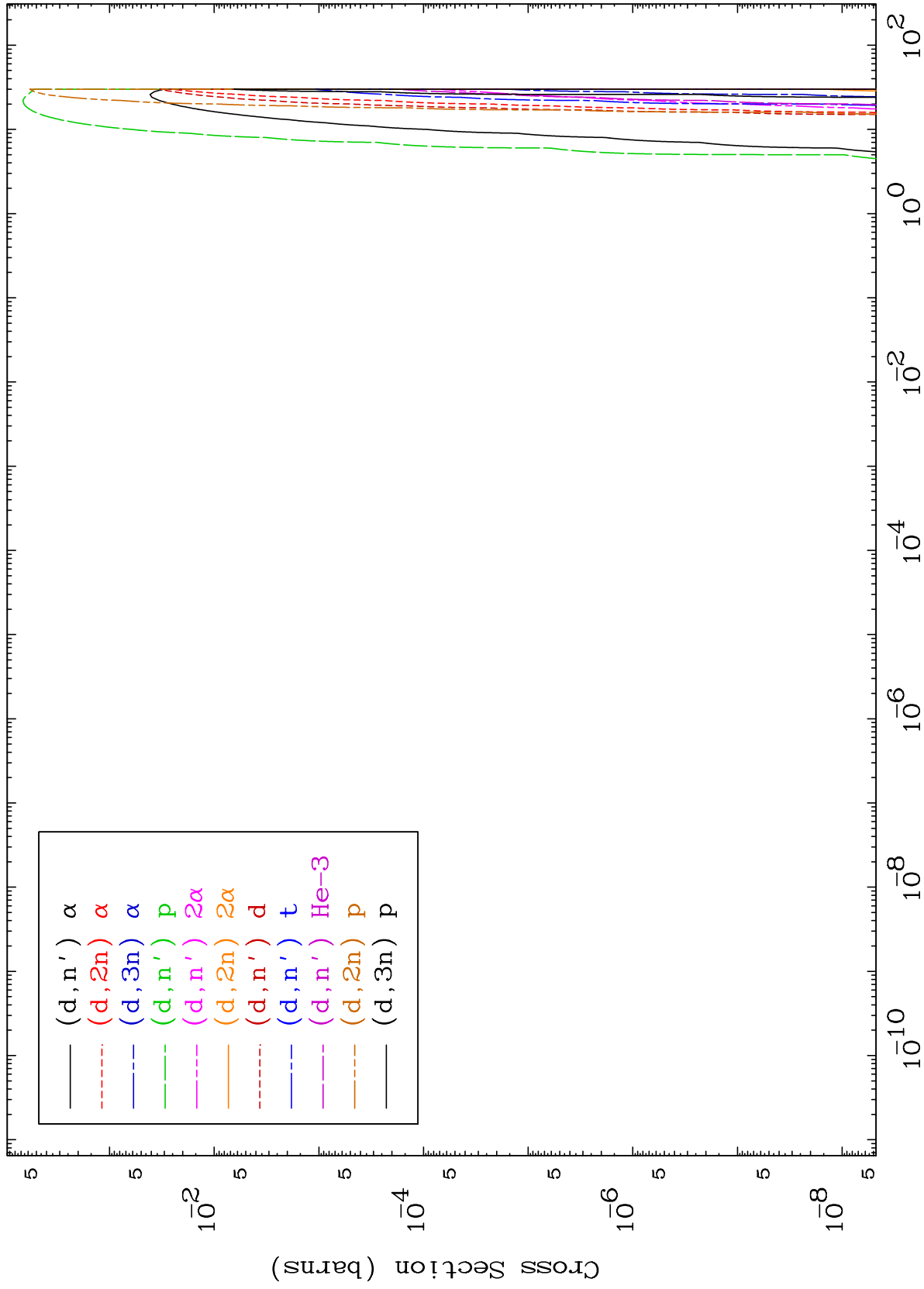
63-Eu-143



MAT 6301

Deuteron Charged Particle  
0 Kelvin Cross Sections

63-Eu-143

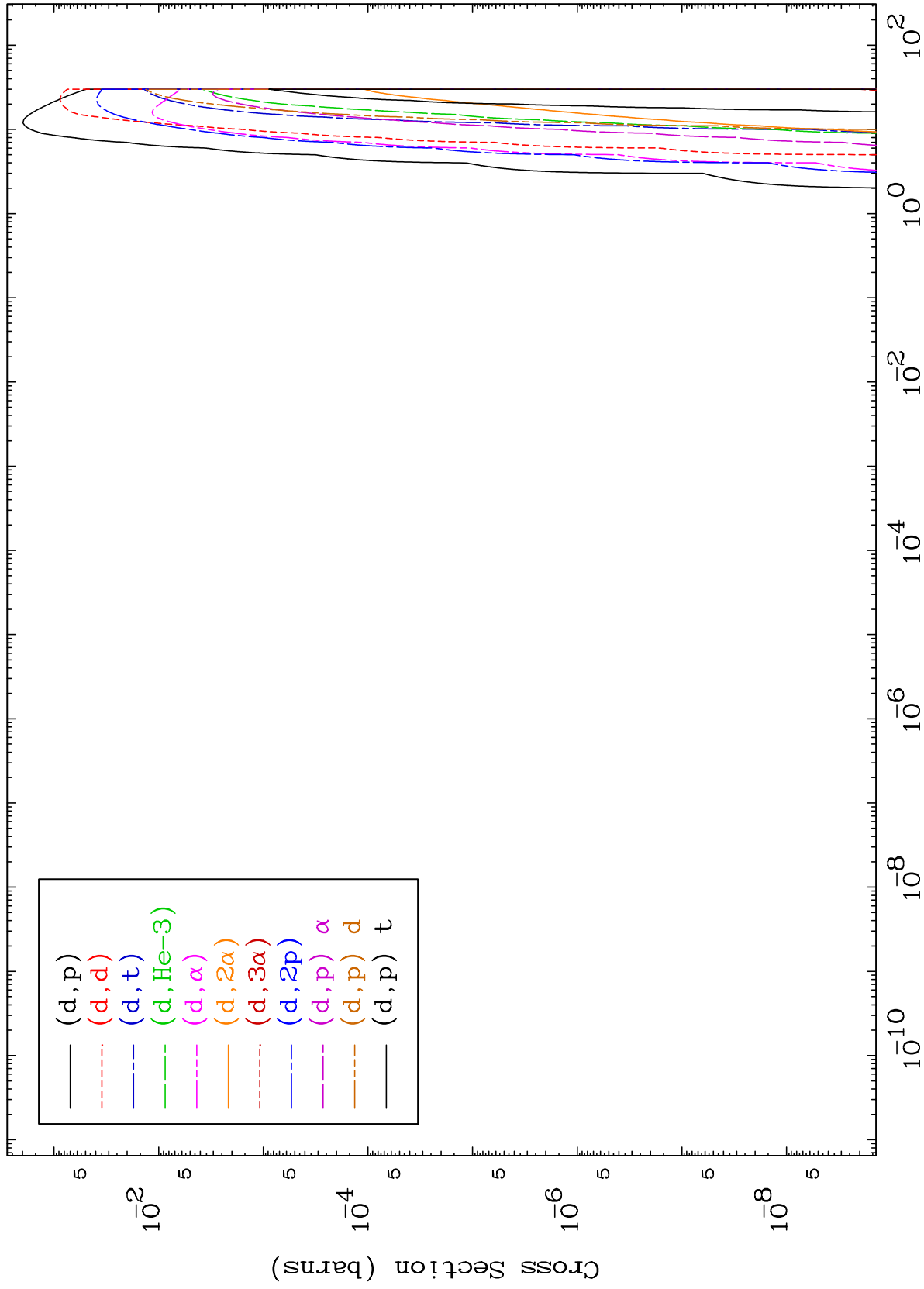


63-Eu-143

MAT 6301

Deuteron Charged Particle  
0 Kelvin Cross Sections

63-Eu-143



5

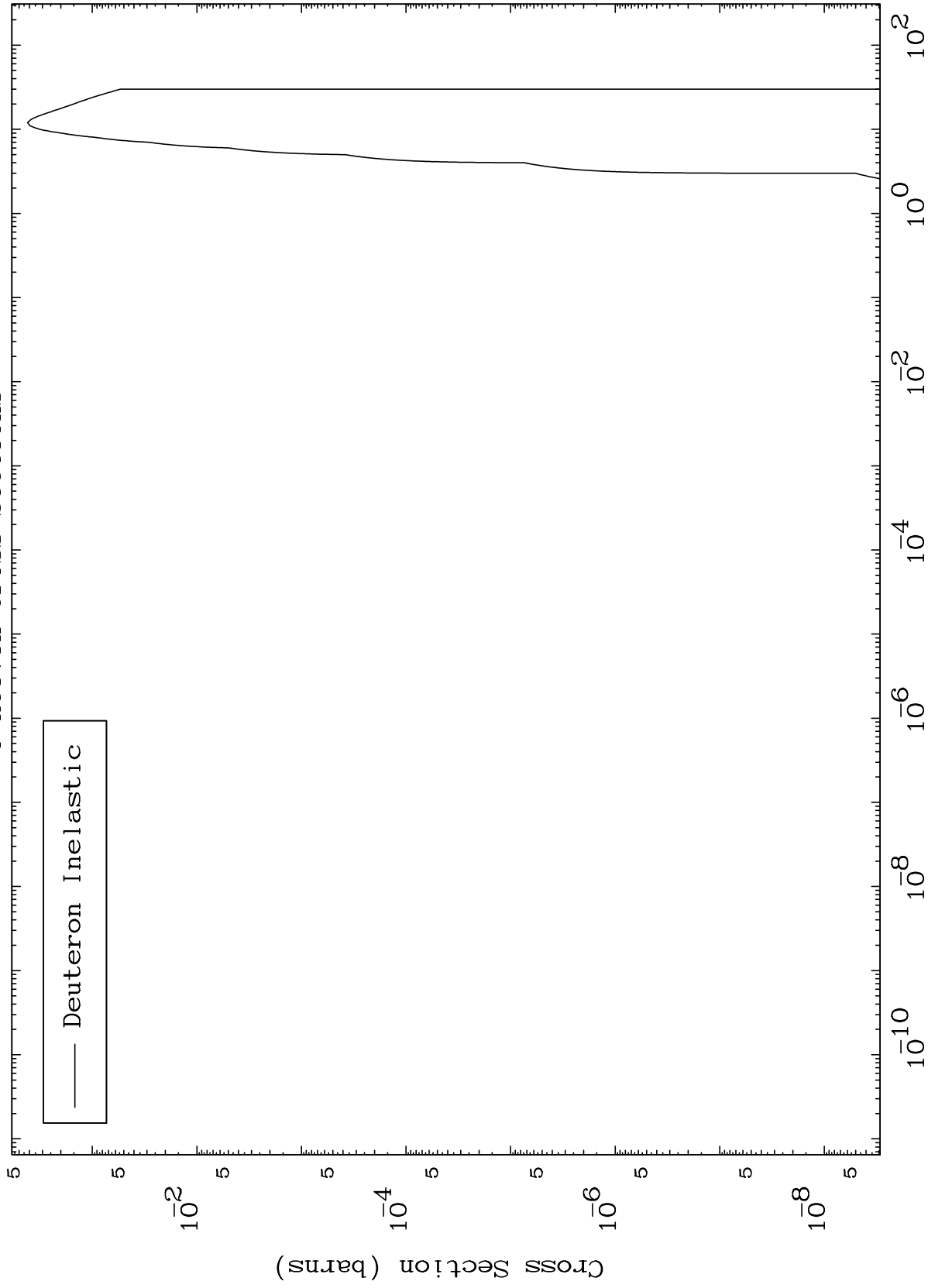
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d,n') Level  
0 Kelvin Cross Sections

63-Eu-143



6

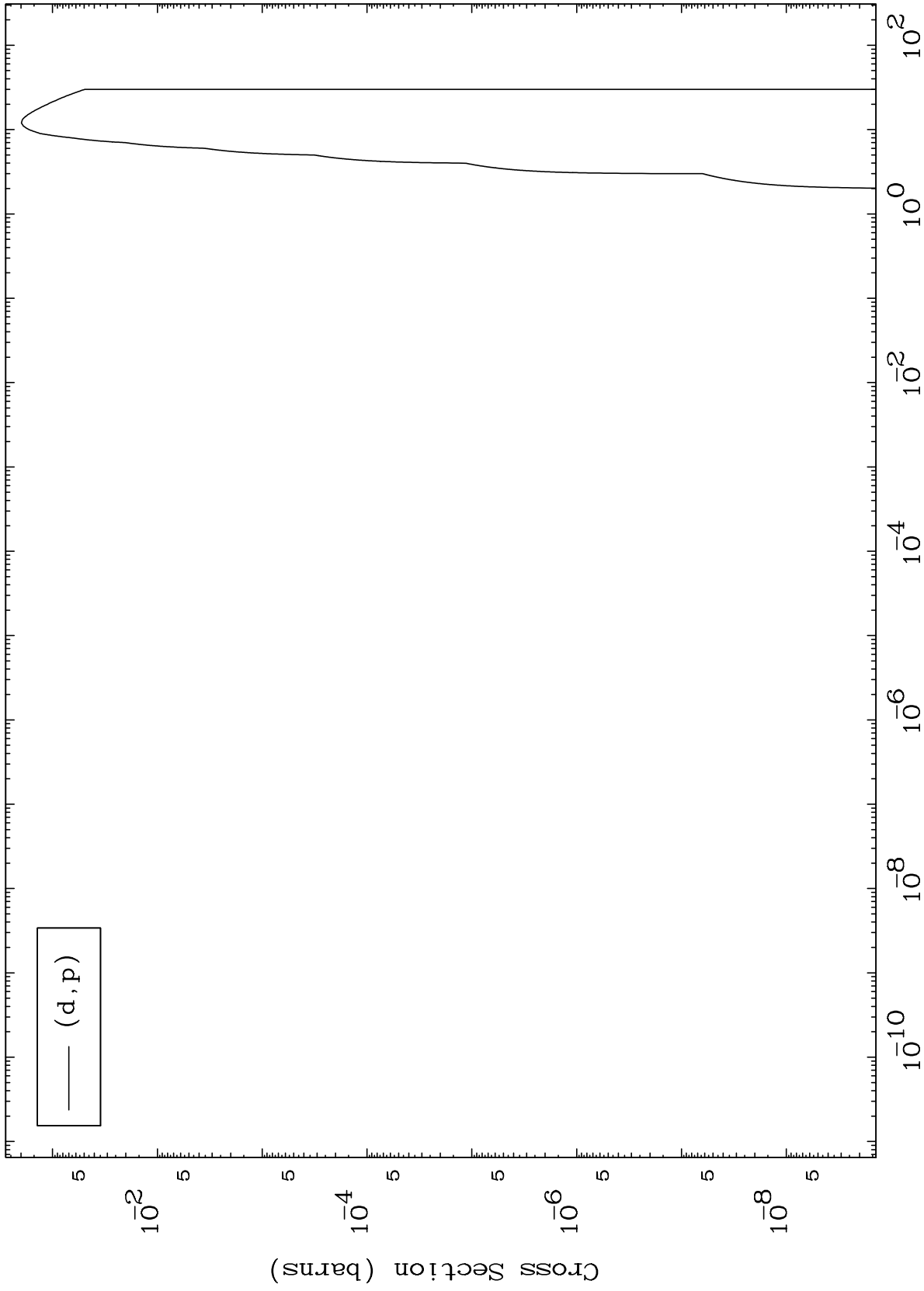
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d,p) Levels  
0 Kelvin Cross Sections

63-Eu-143



7

Incident Energy (MeV)

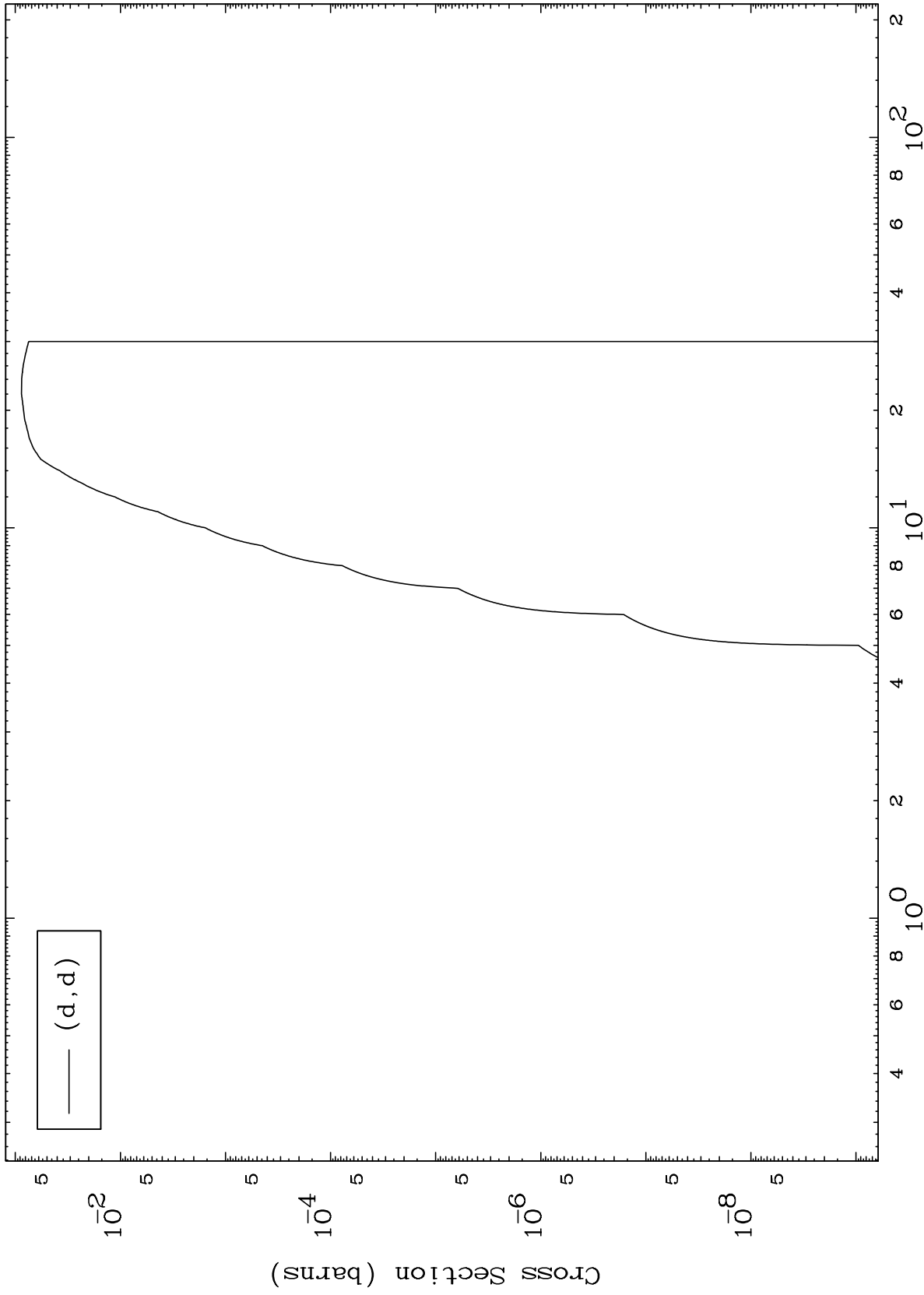
63-Eu-143



MAT 6301

(d,d) Levels  
0 Kelvin Cross Sections

63-Eu-143



8

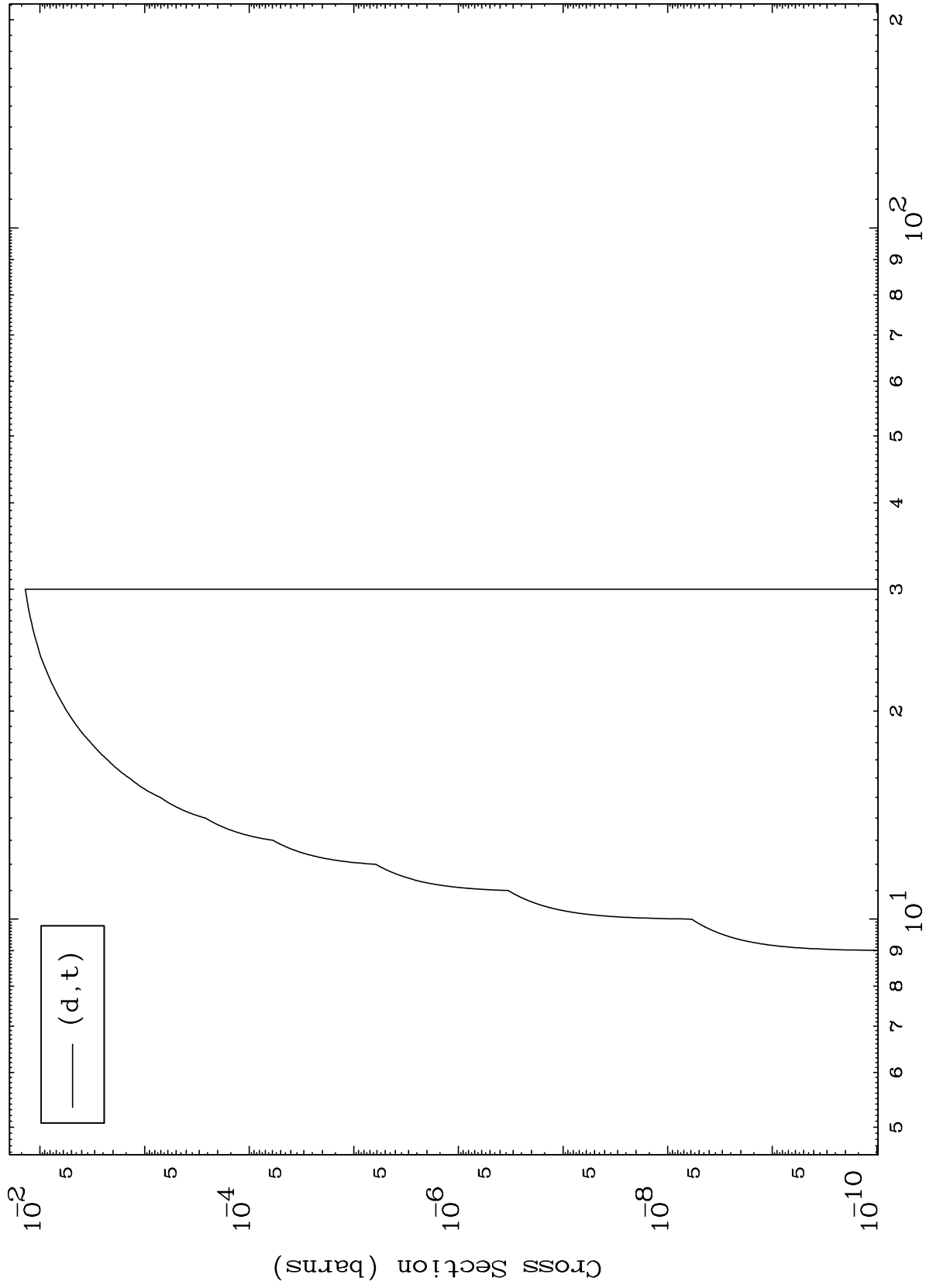
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d,t) Levels  
0 Kelvin Cross Sections

63-Eu-143



9

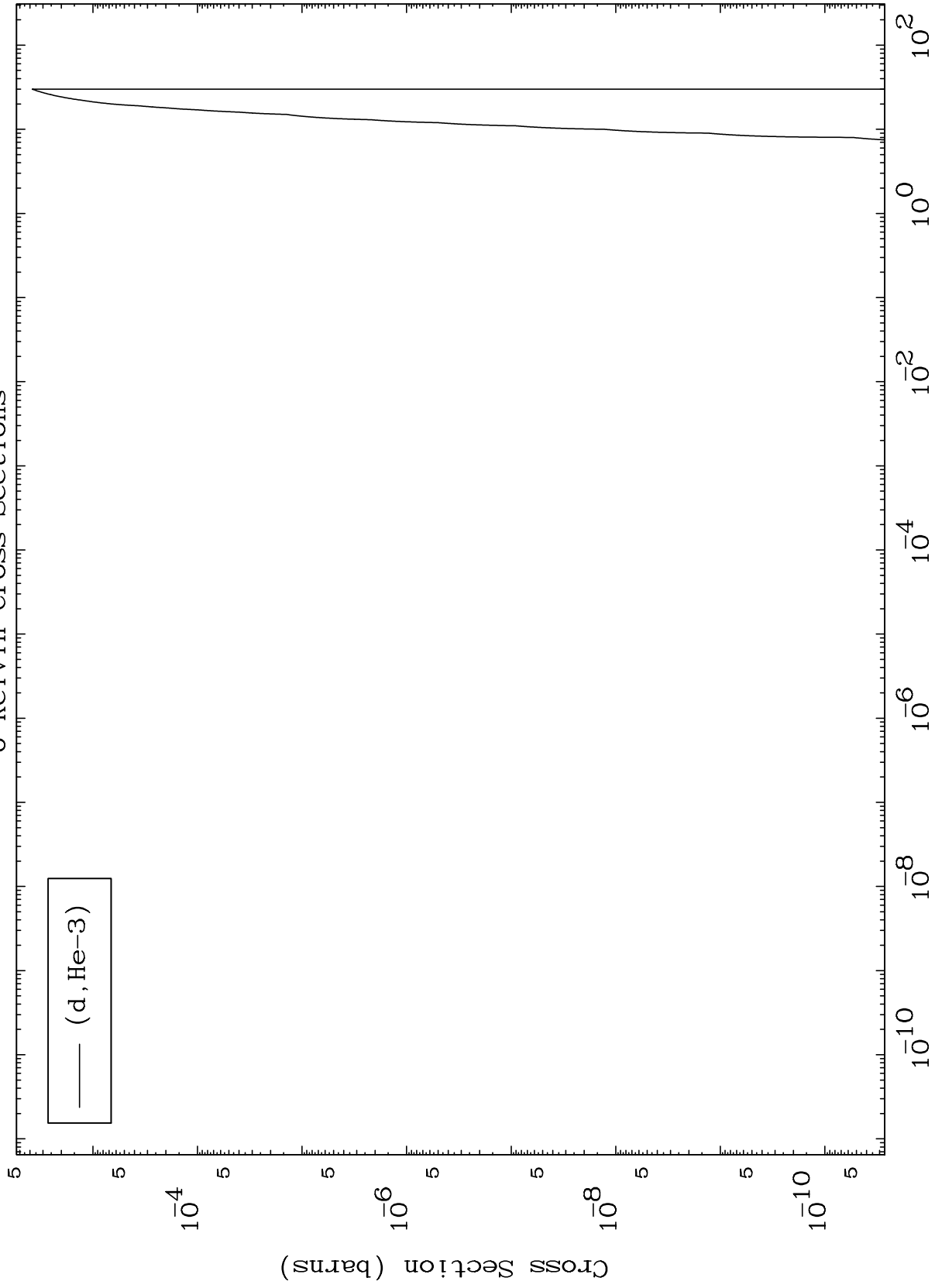
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d,He3) Levels  
0 Kelvin Cross Sections

63-Eu-143



10

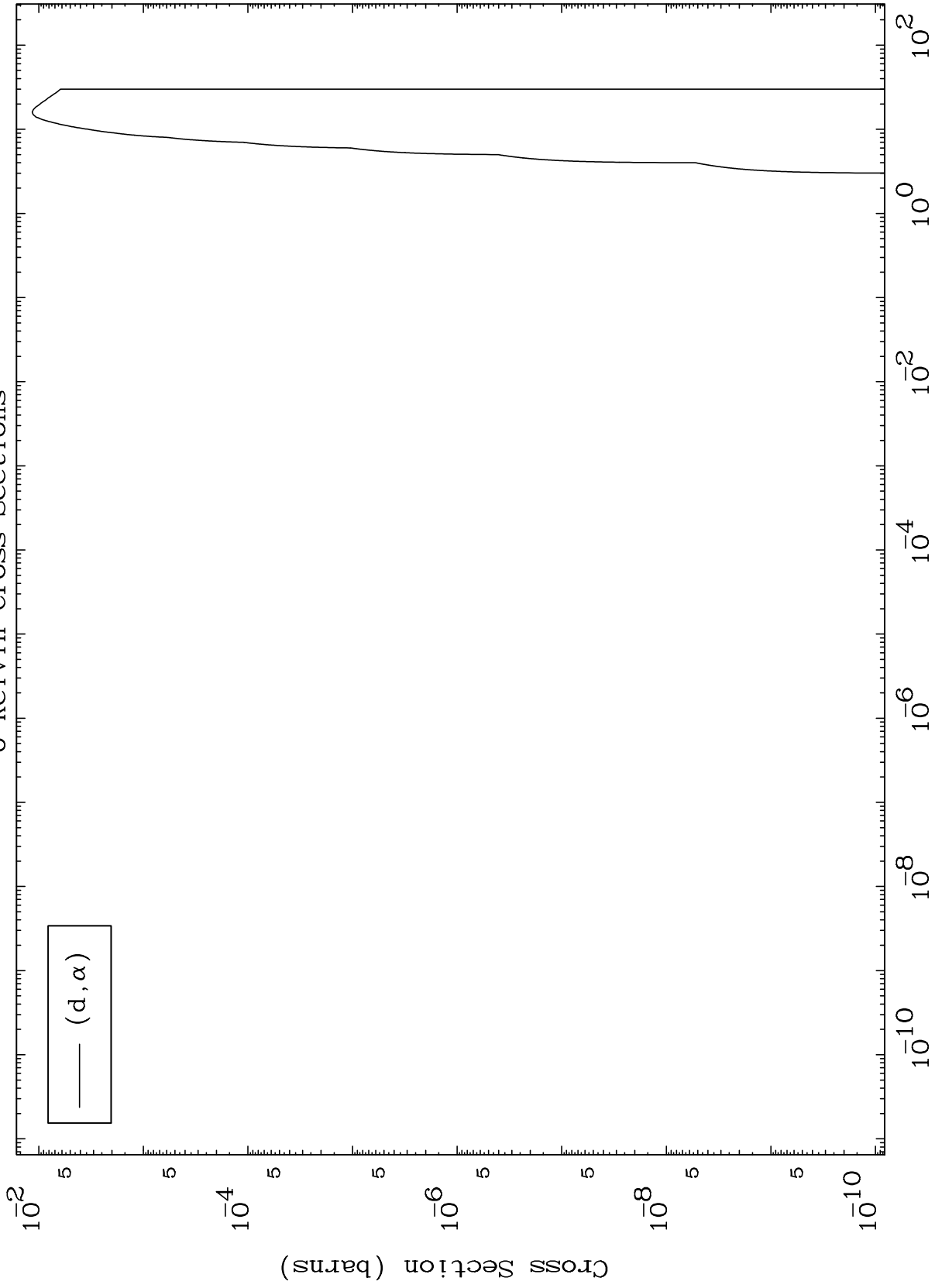
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

63-Eu-143



11

Incident Energy (MeV)

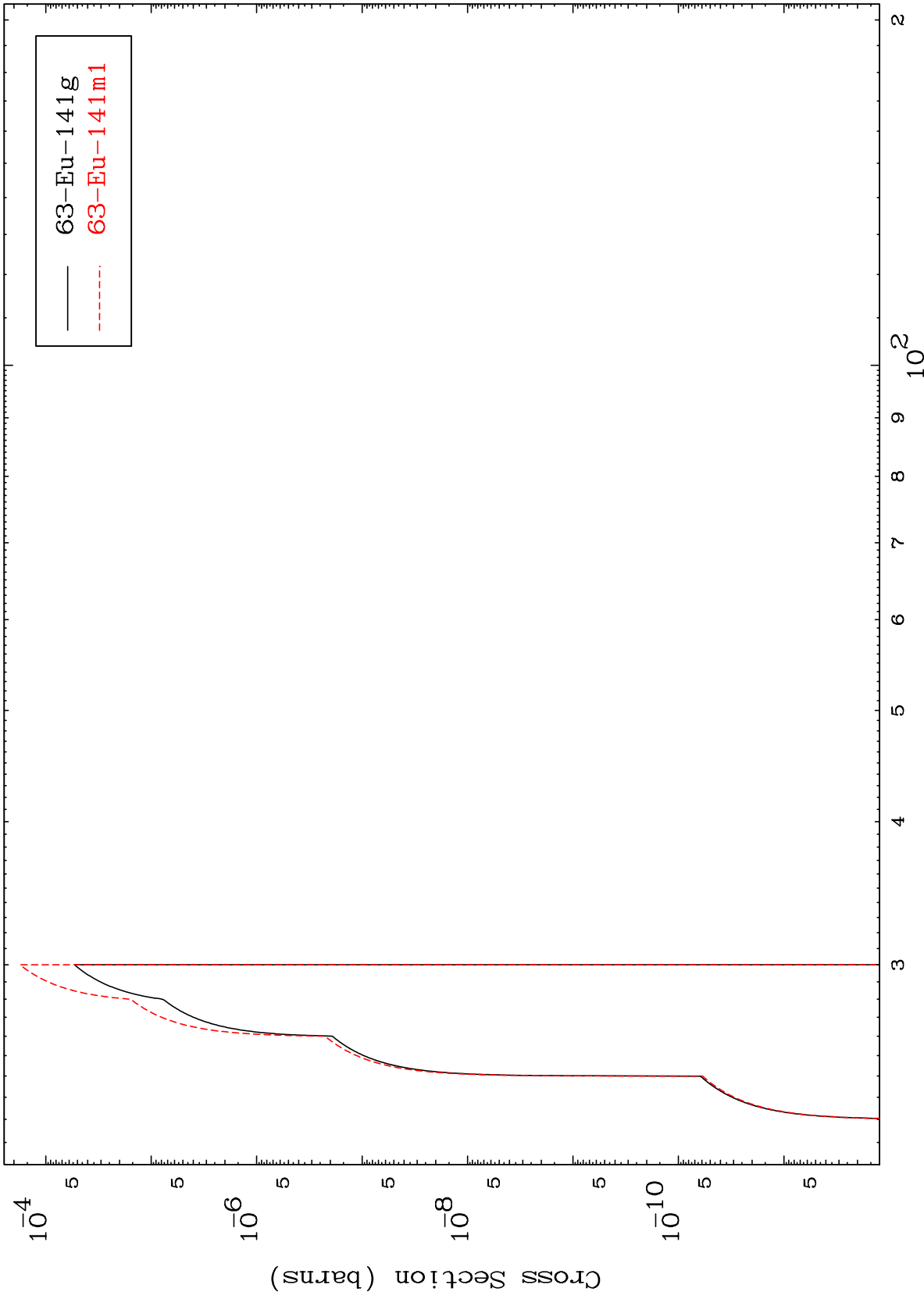
63-Eu-143

MAT 6301

(d,2n) d

63-Eu-143

Radionuclide Production Cross Section



12

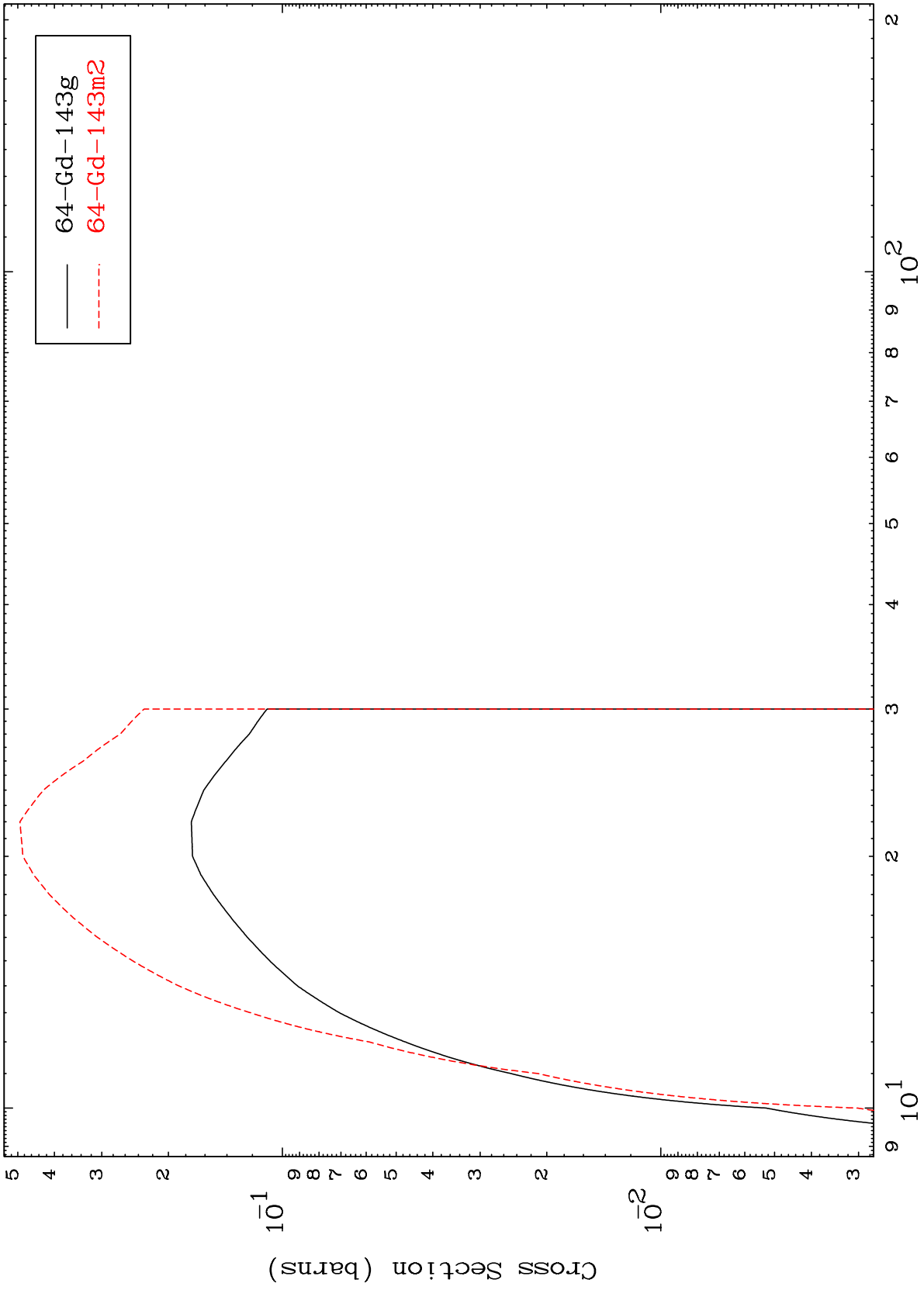
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

(d,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

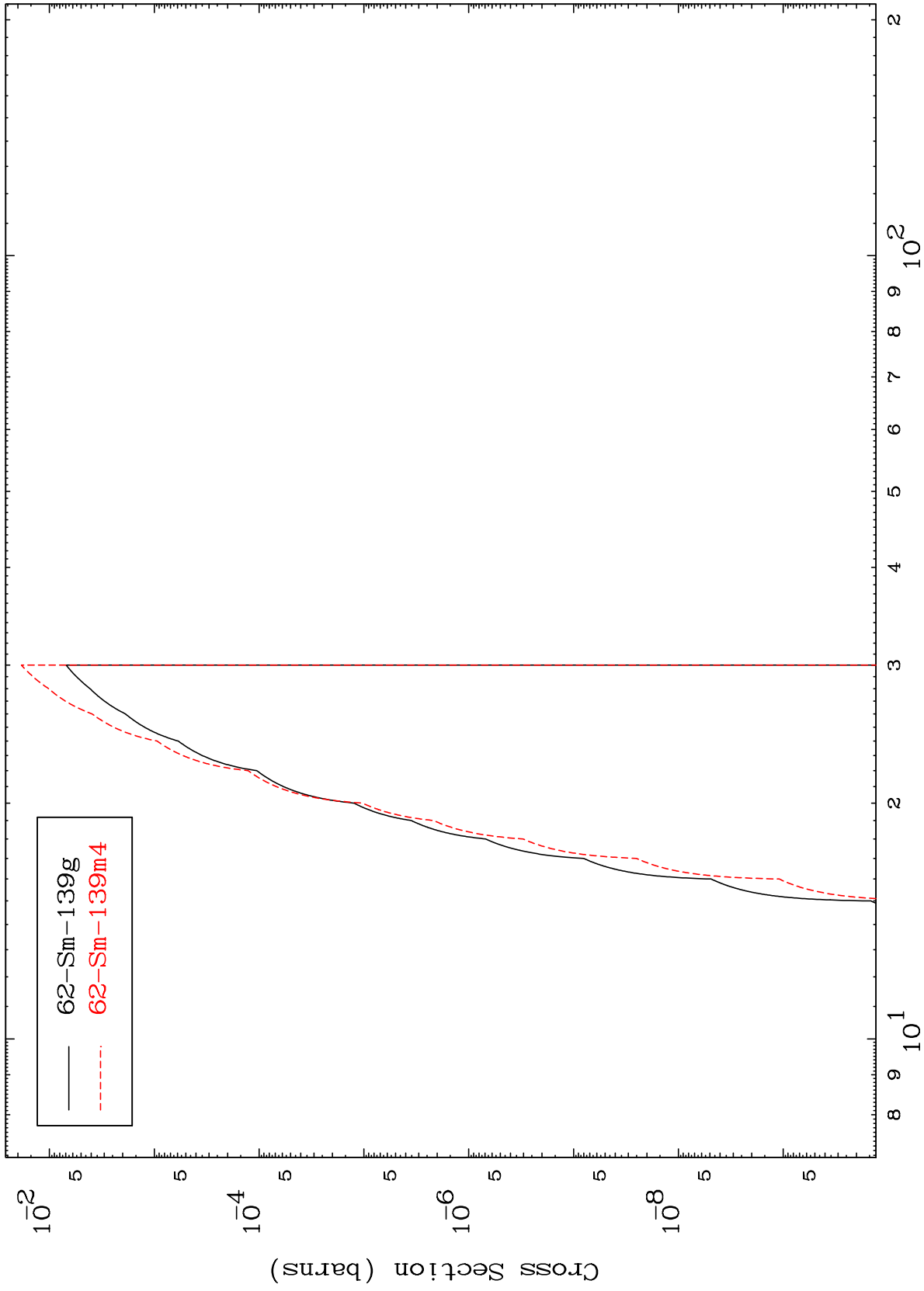
63-Eu-143

MAT 6301

(d,2n)  $\alpha$

63-Eu-143

Radionuclide Production Cross Section

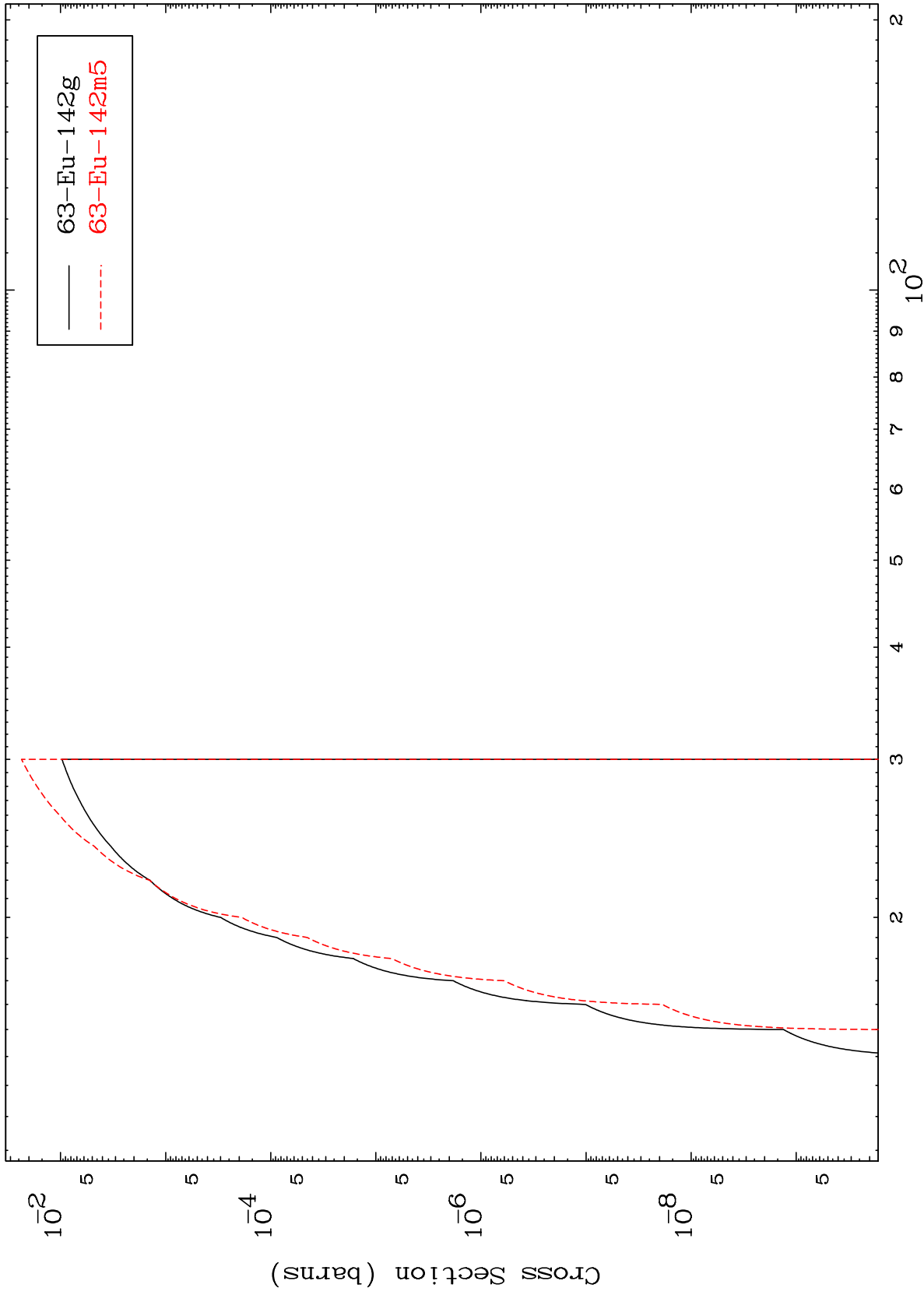


14

Incident Energy (MeV)

63-Eu-143

Radionuclide Production Cross Section



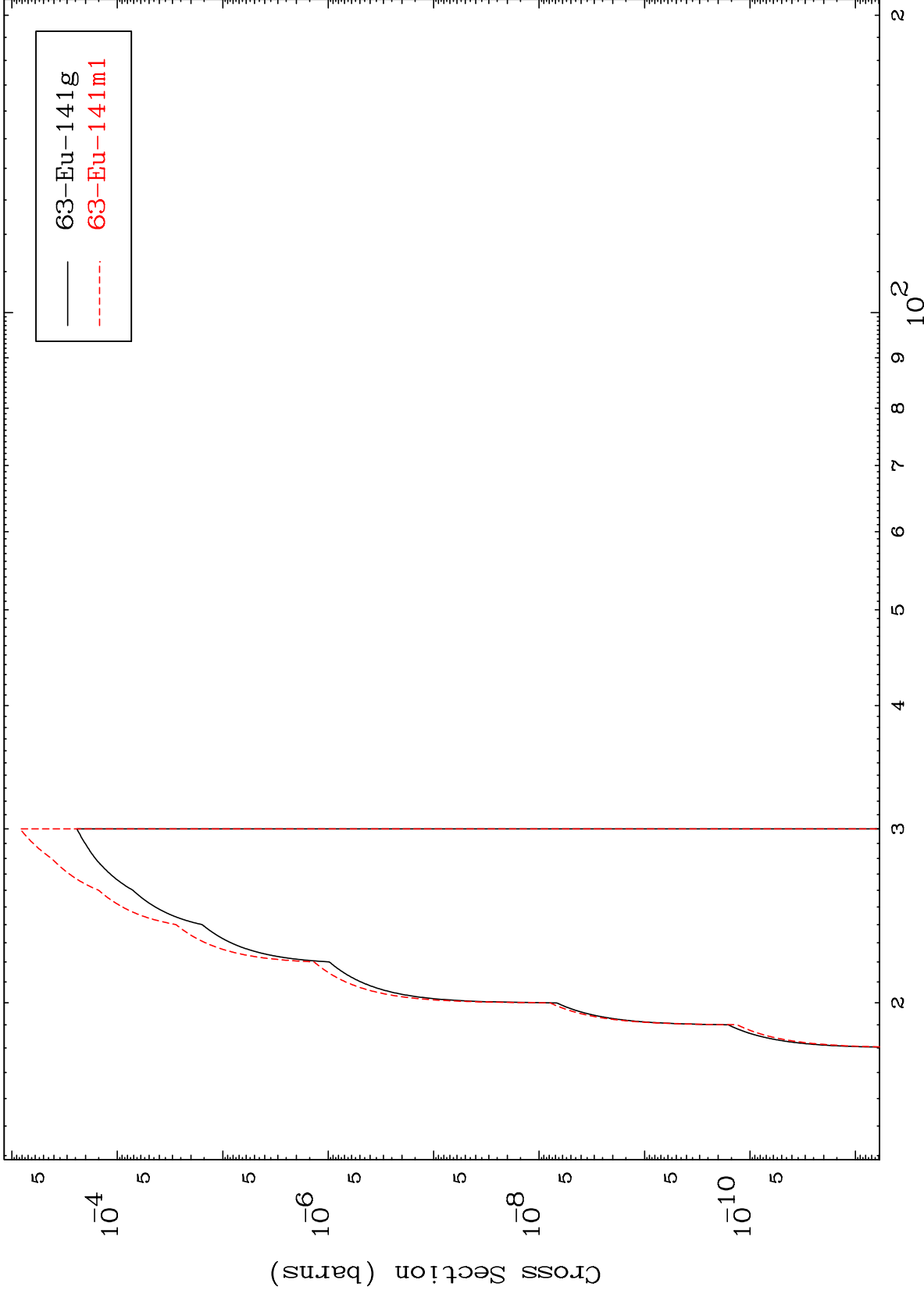


MAT 6301

(d,n') t

<sup>63</sup>Eu-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

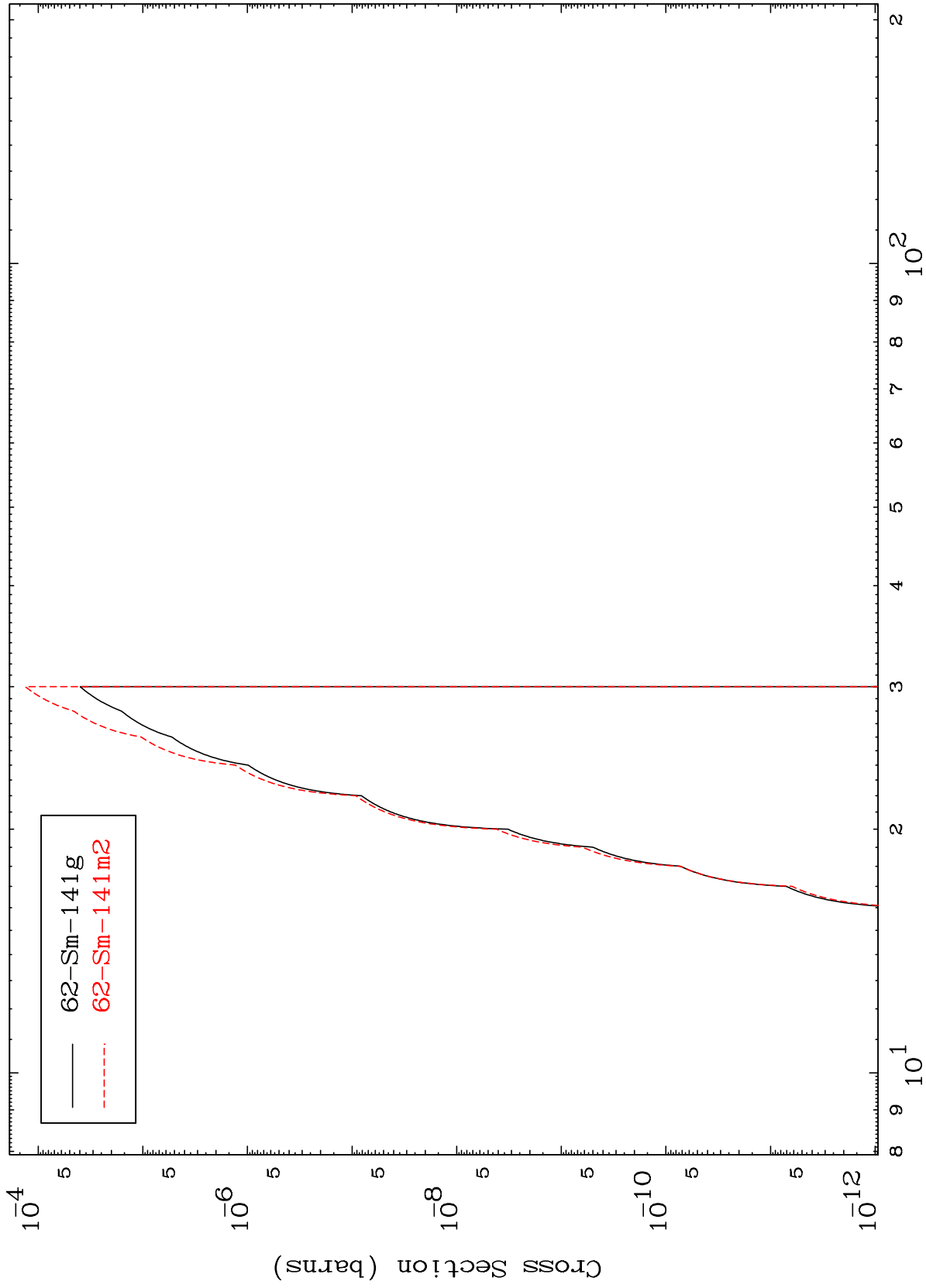
<sup>63</sup>Eu-143

MAT 6301

(d, n') He-3

63-Eu-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

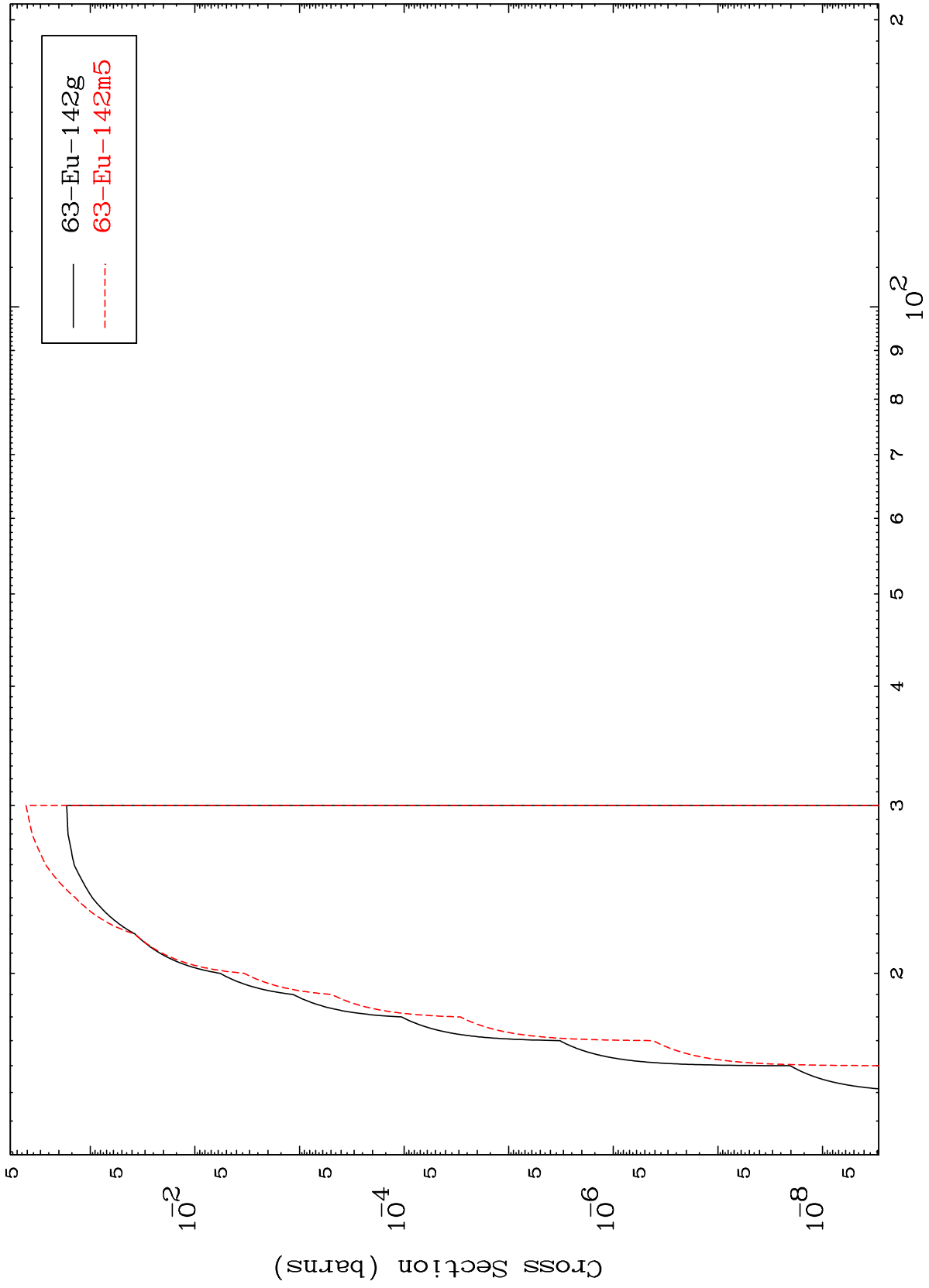
63-Eu-143

MAT 6301

(d,2n) p

63-Eu-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

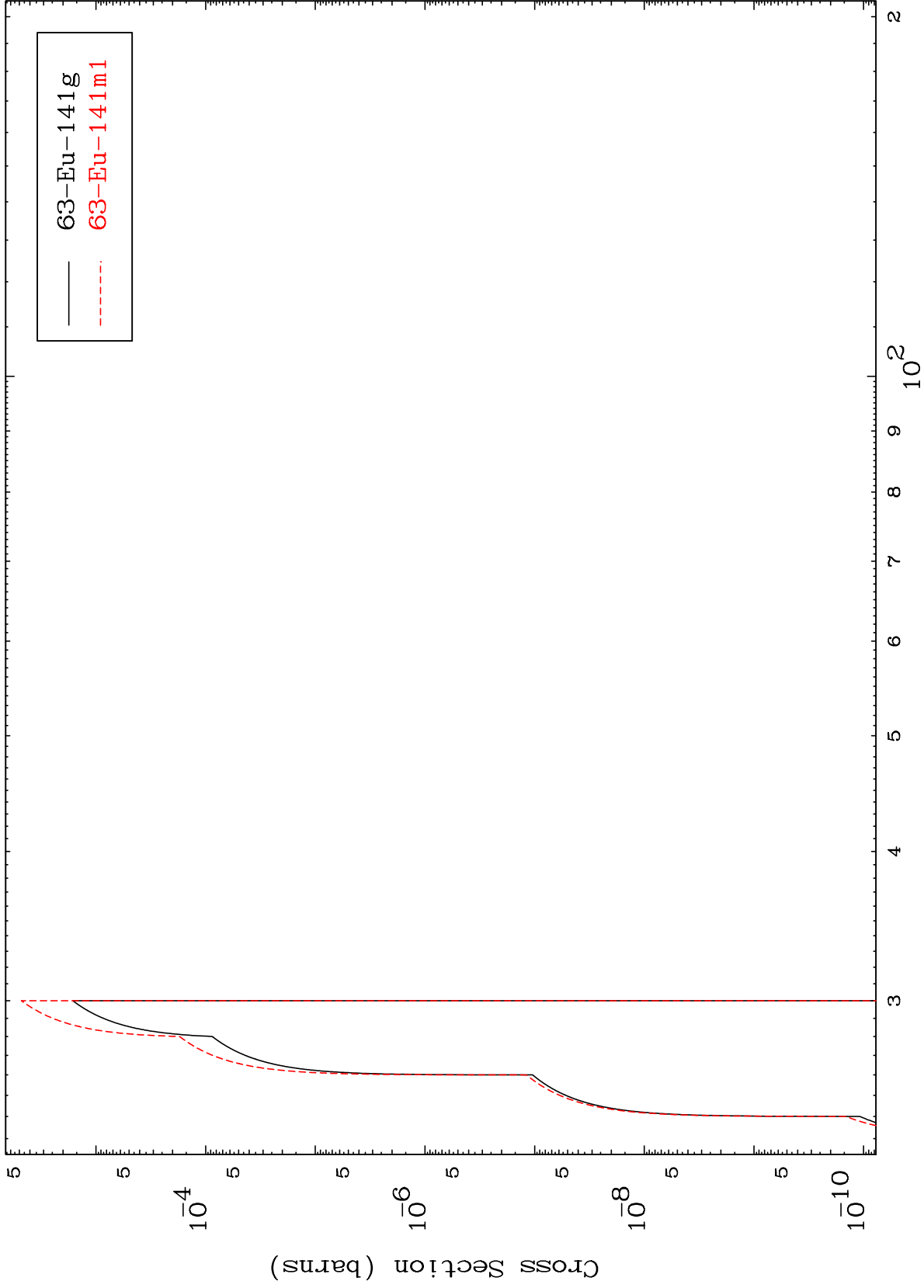
63-Eu-143

MAT 6301

(d,3n) p

63-Eu-143

Radionuclide Production Cross Section



19

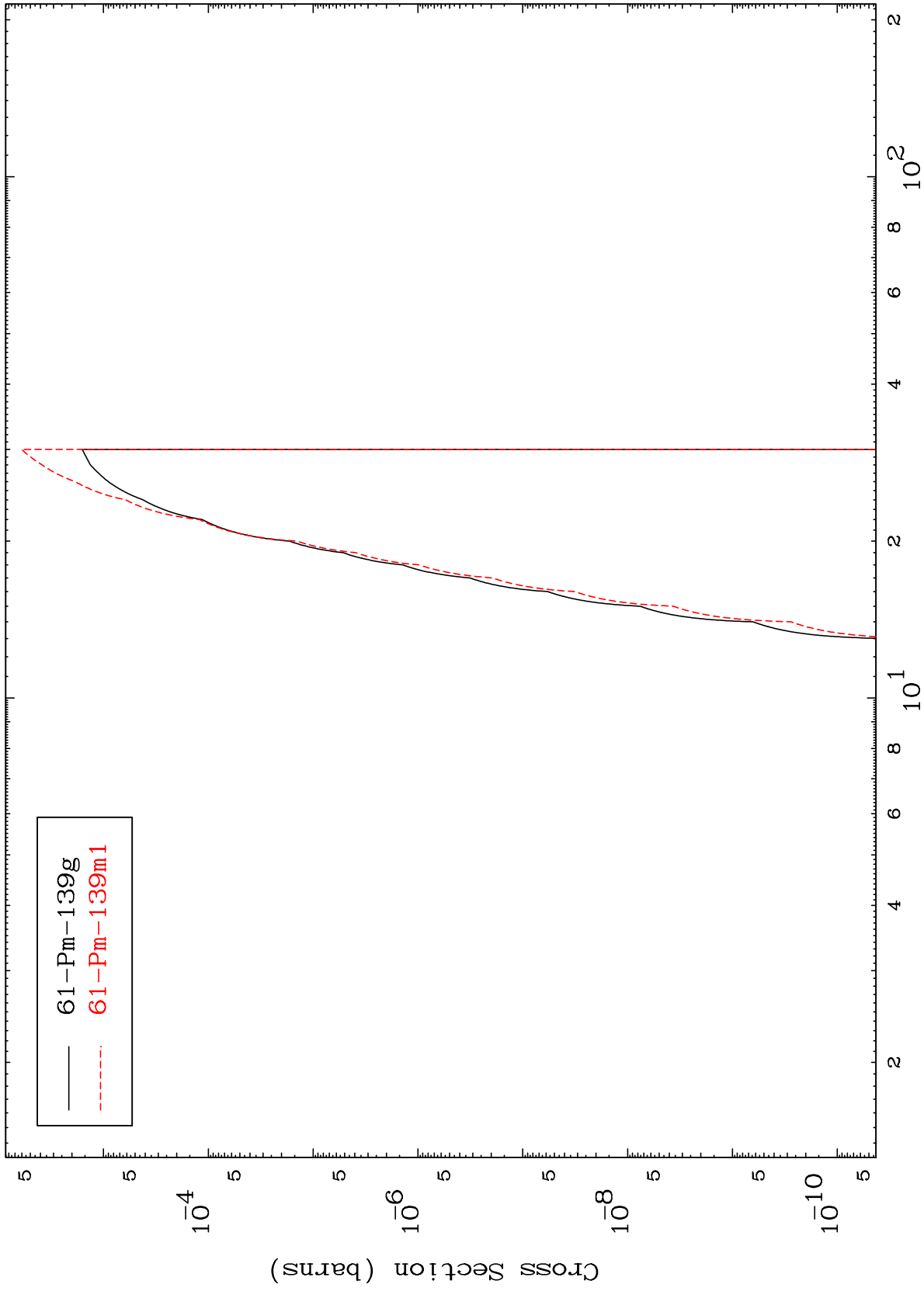
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



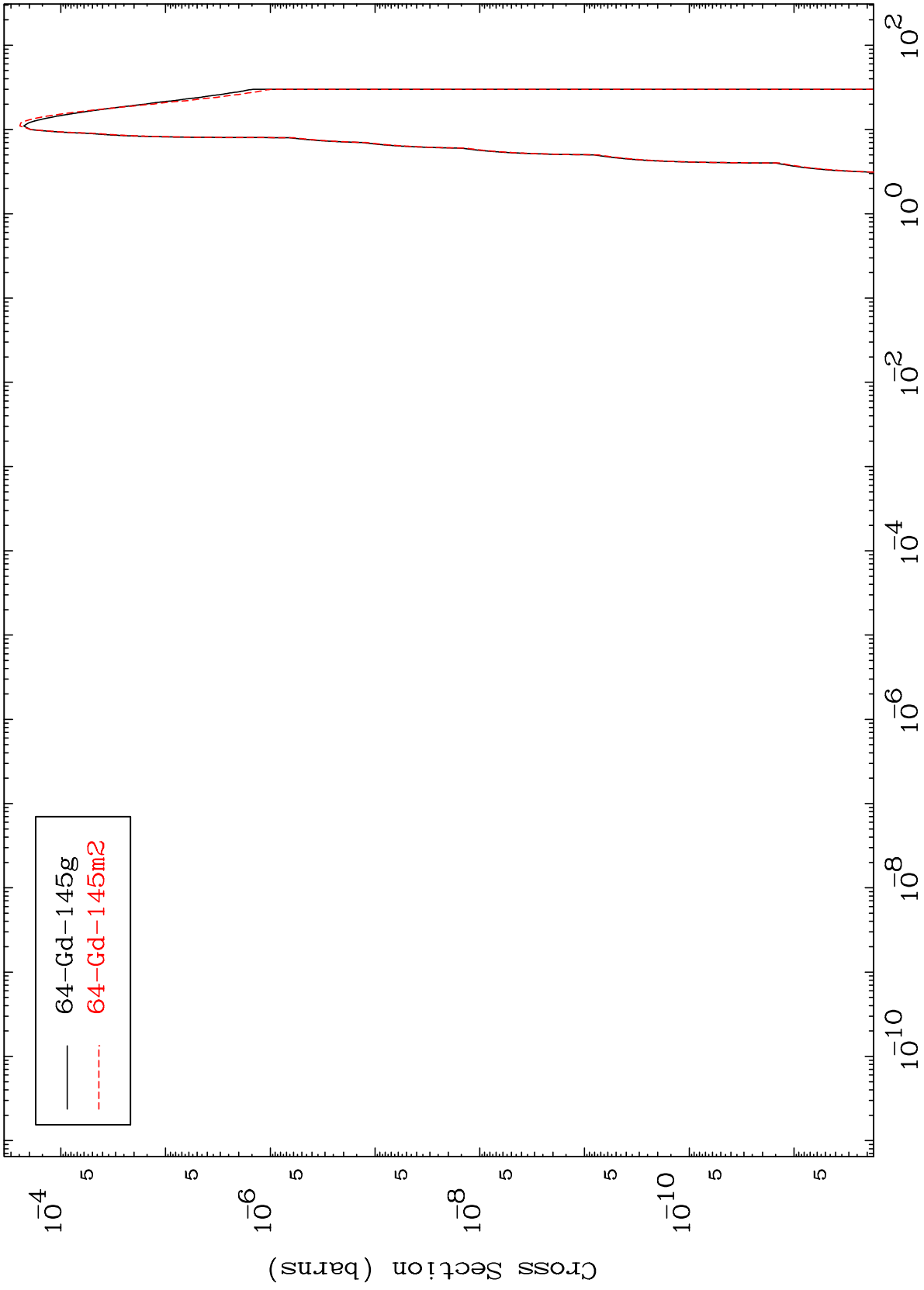
20

63-Eu-143

MAT 6301

(d,  $\gamma$ )  
Radionuclide Production Cross Section

63-Eu-143

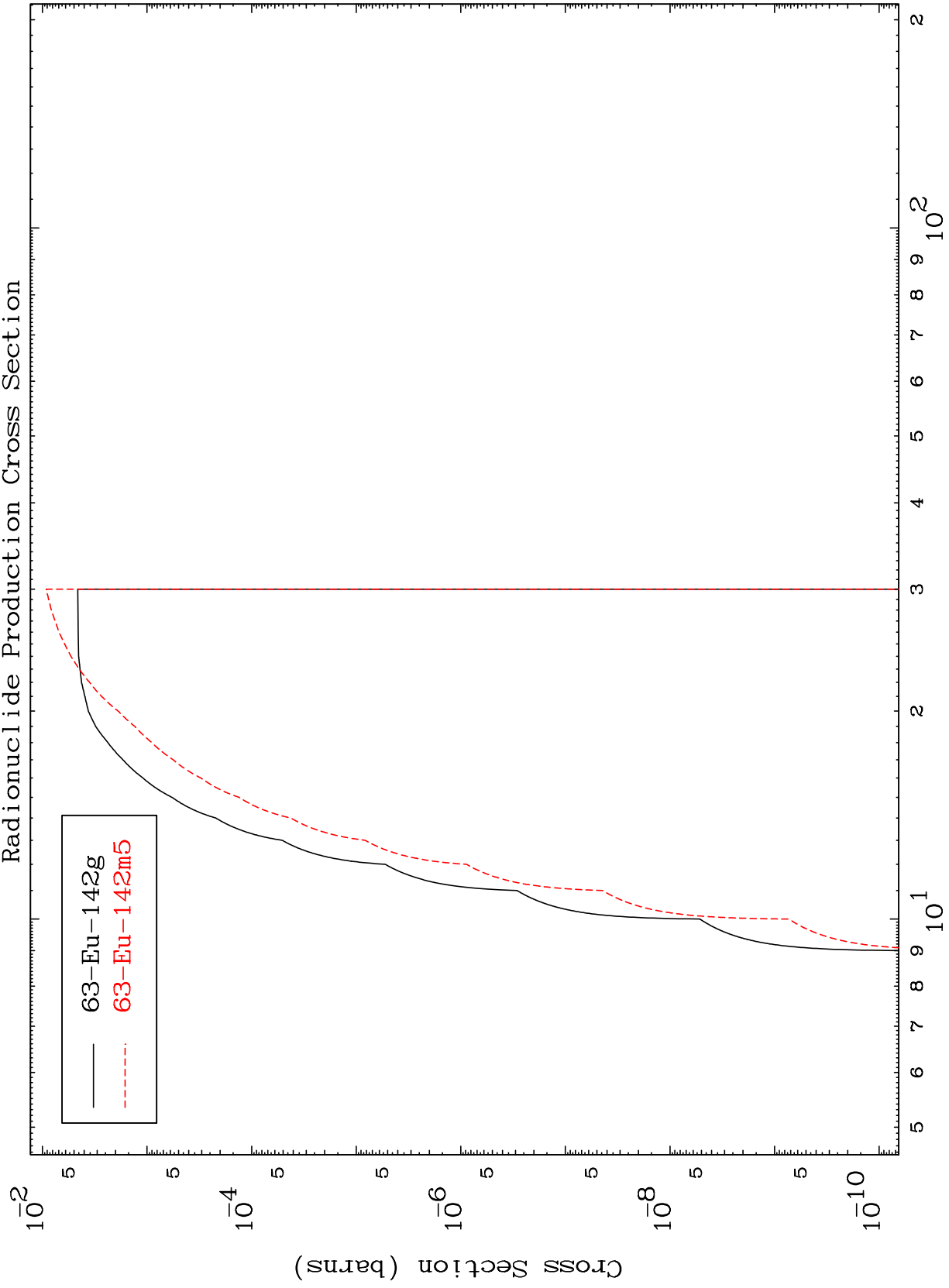


63-Eu-143

MAT 6301

63-Eu-143

(d, t)  
Radionuclide Production Cross Section



22

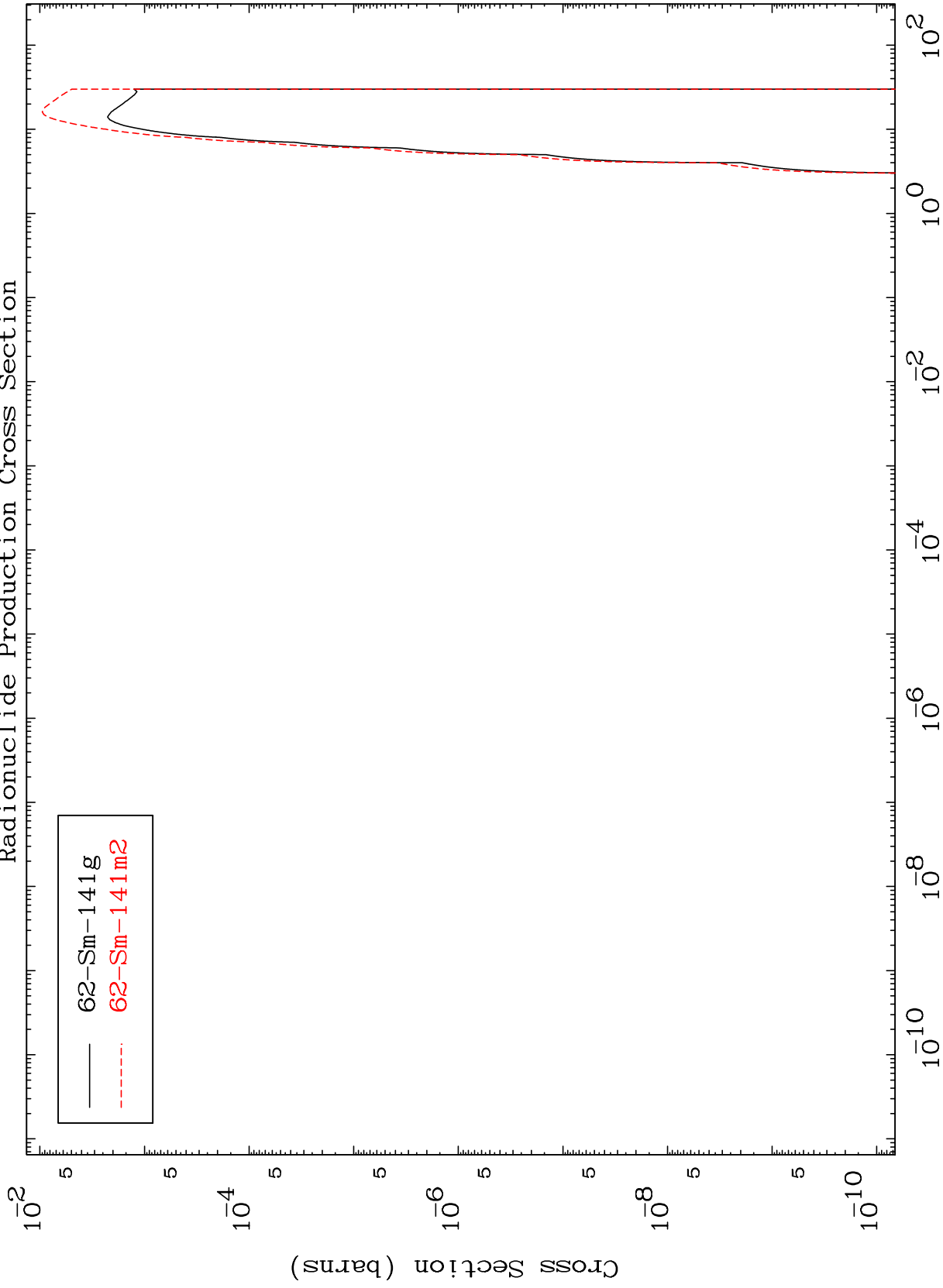
63-Eu-143

MAT 6301

(d,  $\alpha$ )

63-Eu-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

63-Eu-143

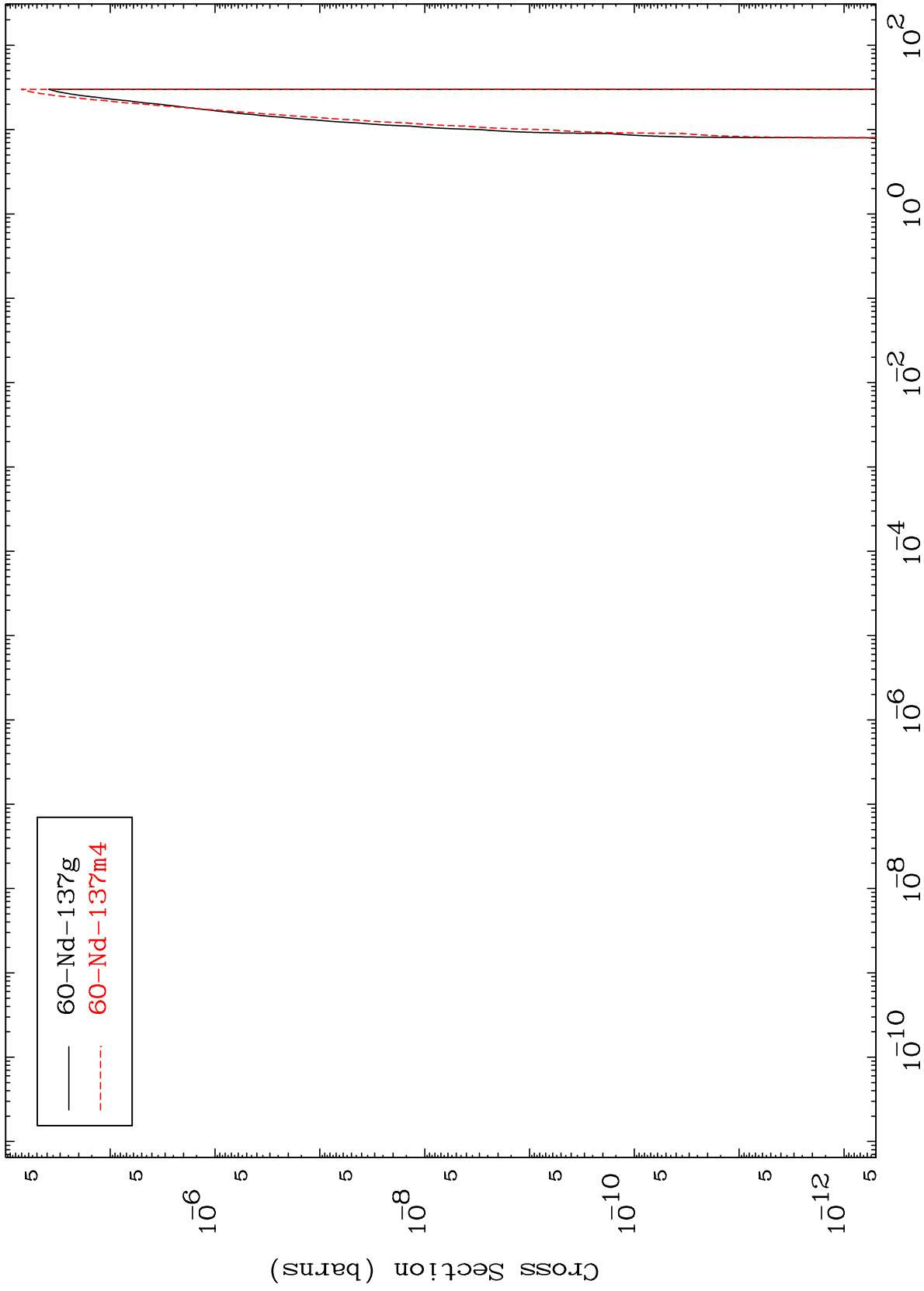


MAT 6301

(d,2α)

63-Eu-143

Radionuclide Production Cross Section



24

Incident Energy (MeV)

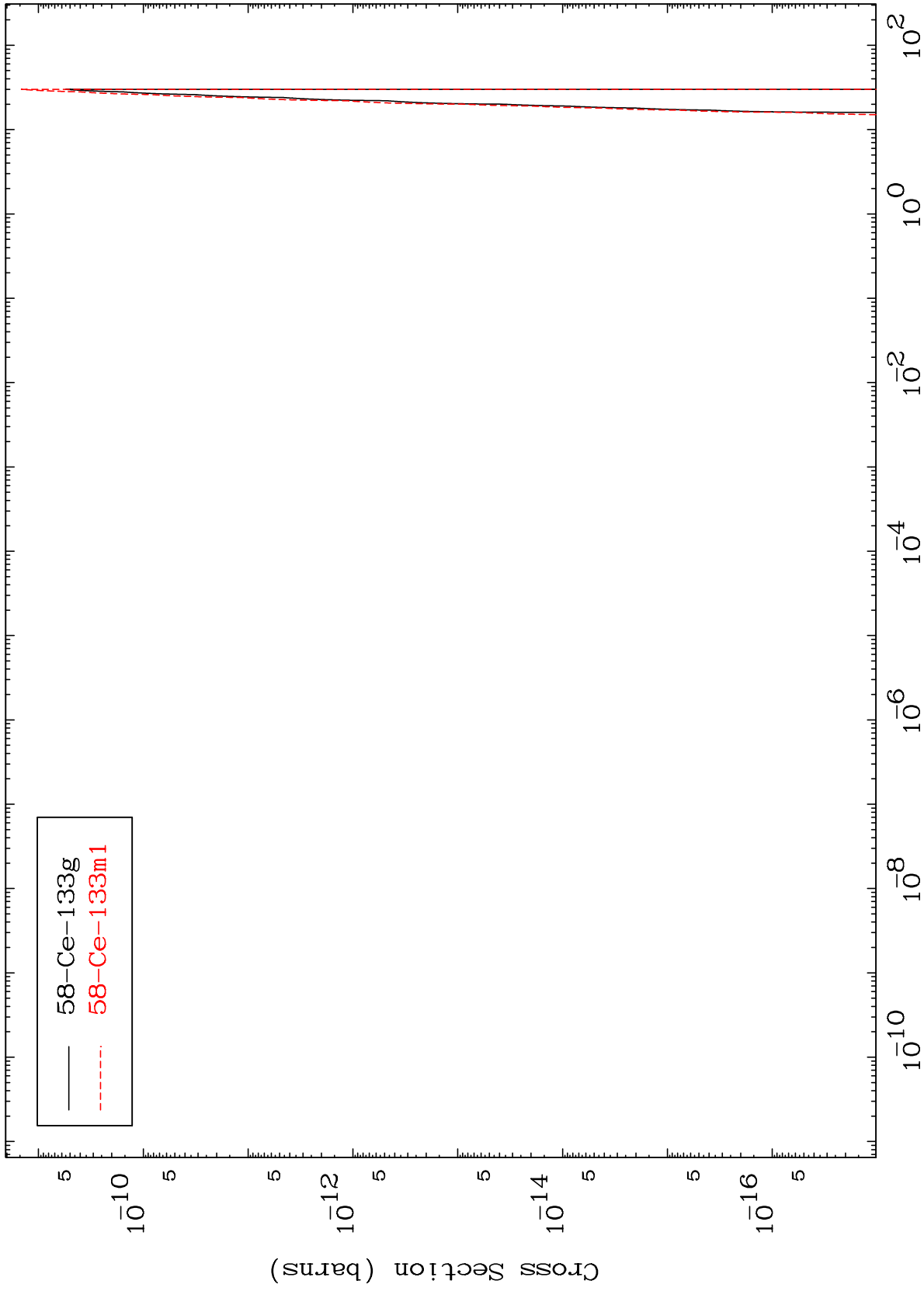
63-Eu-143

MAT 6301

(d,3 $\alpha$ )

63-Eu-143

Radionuclide Production Cross Section



25

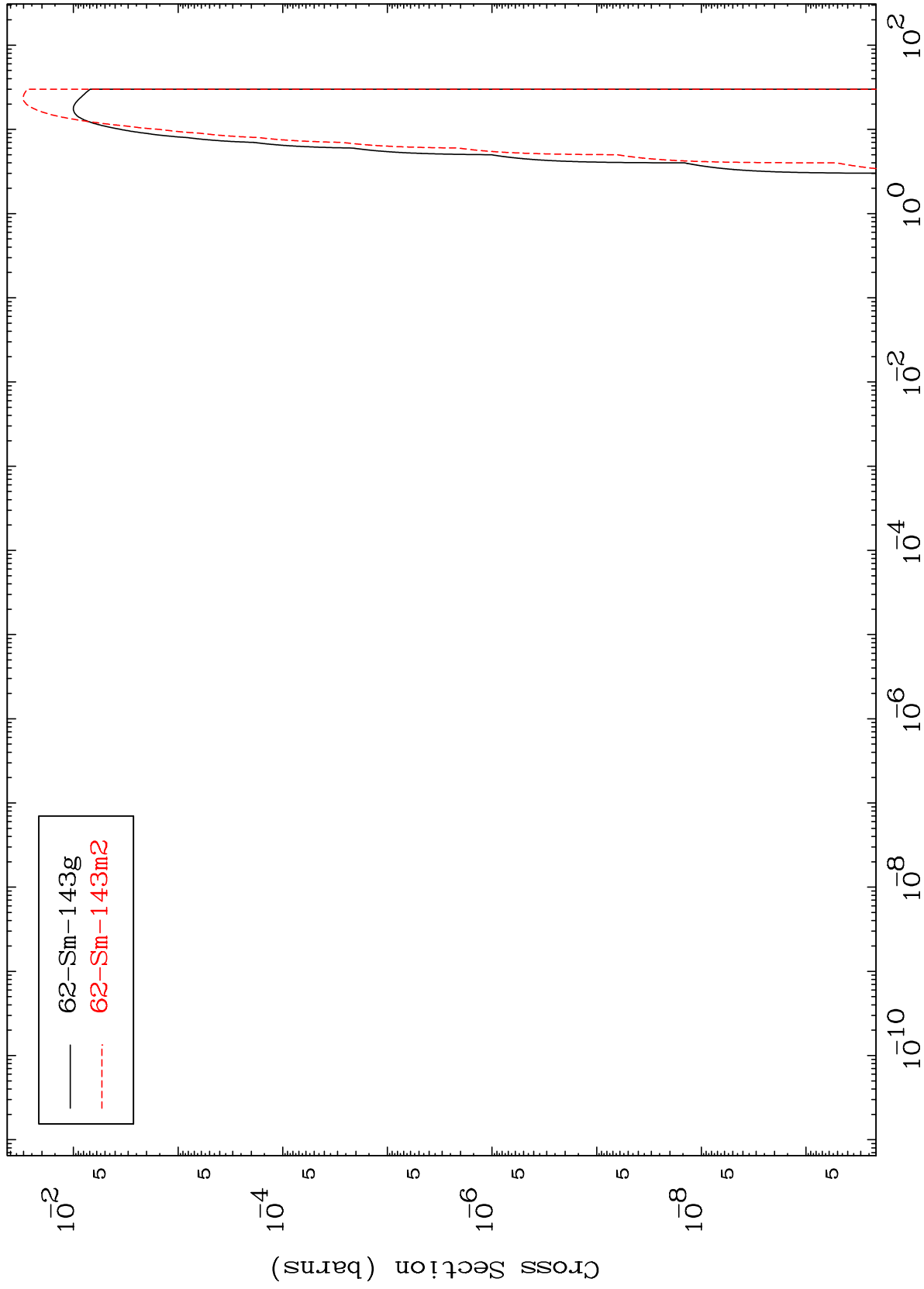
Incident Energy (MeV)

63-Eu-143

MAT 6301

(d,2p)  
Radionuclide Production Cross Section

63-Eu-143



26

Incident Energy (MeV)

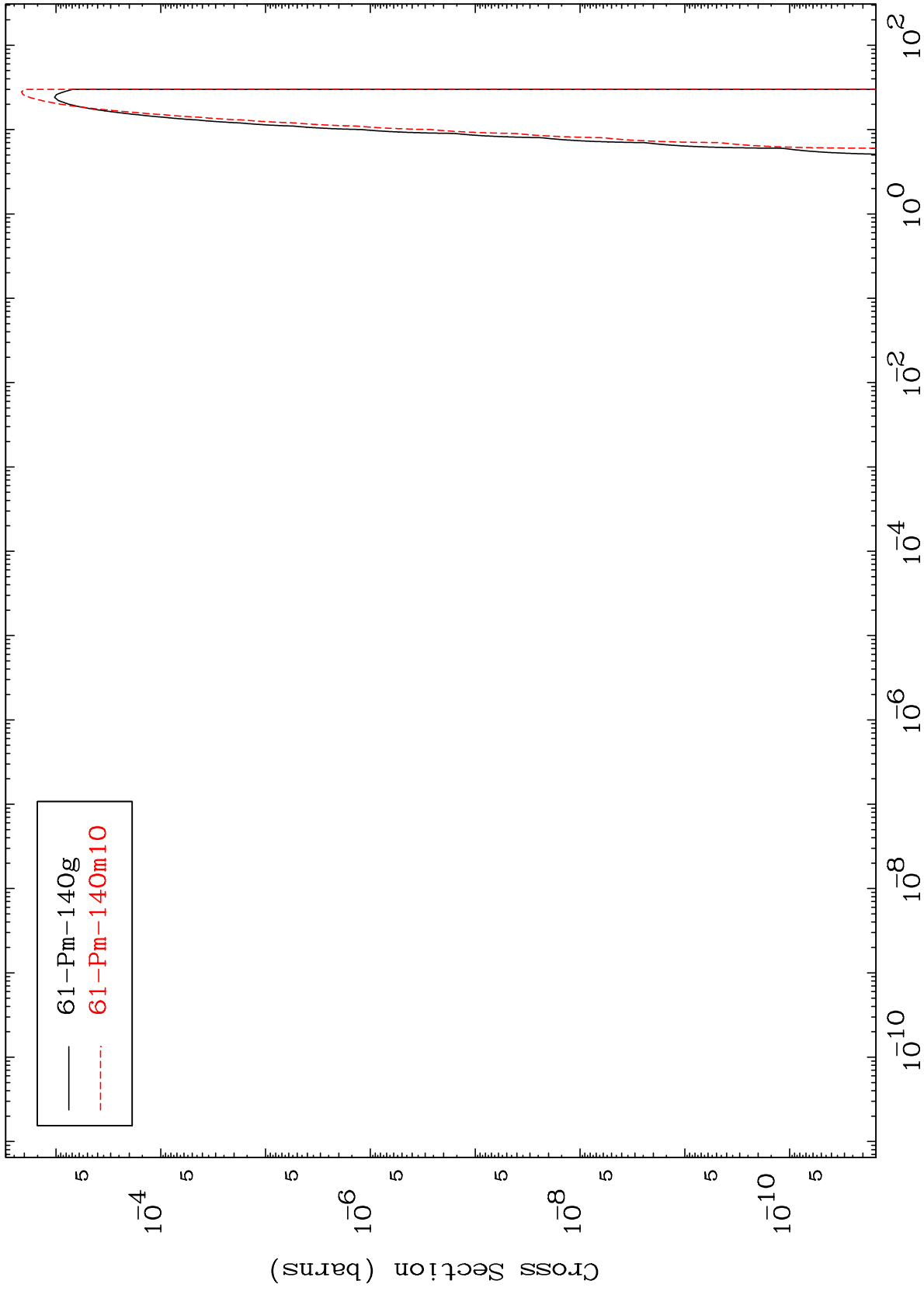
63-Eu-143

MAT 6301

(d,p)  $\alpha$

63-Eu-143

Radionuclide Production Cross Section



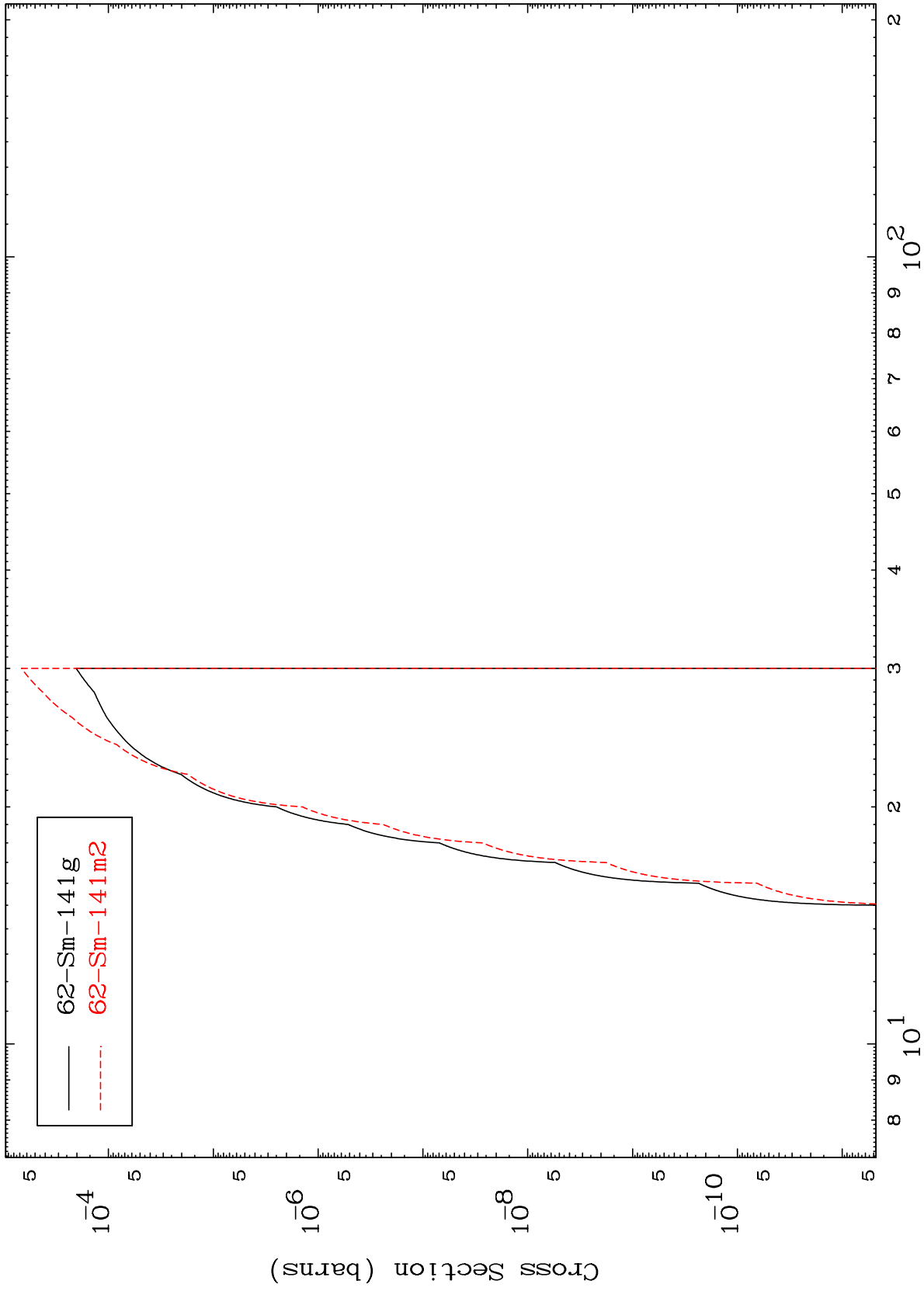
63-Eu-143

MAT 6301

(d,p) t

63-Eu-143

Radionuclide Production Cross Section



28

Incident Energy (MeV)

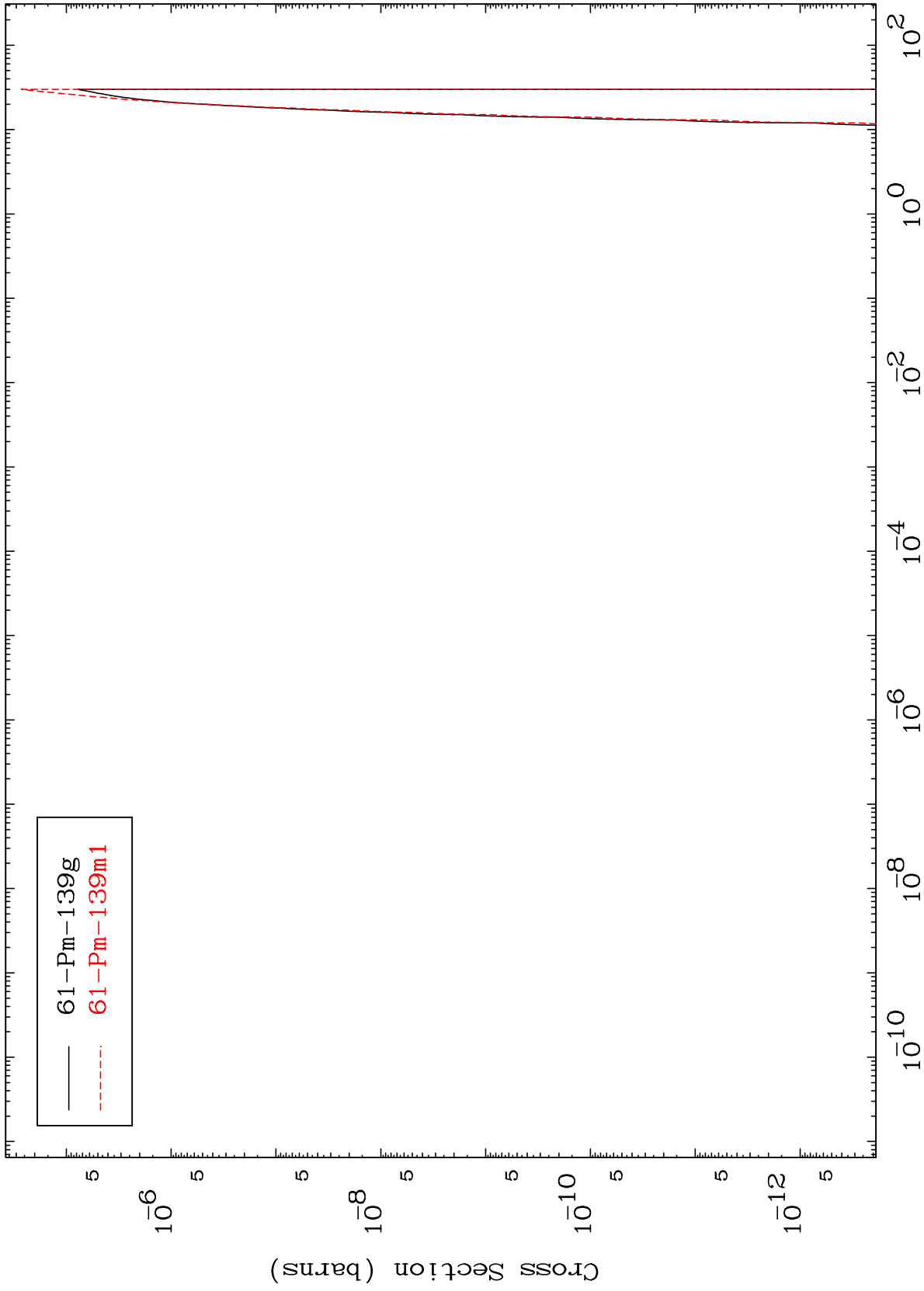
63-Eu-143

MAT 6301

(d,d)  $\alpha$

63-Eu-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

63-Eu-143