

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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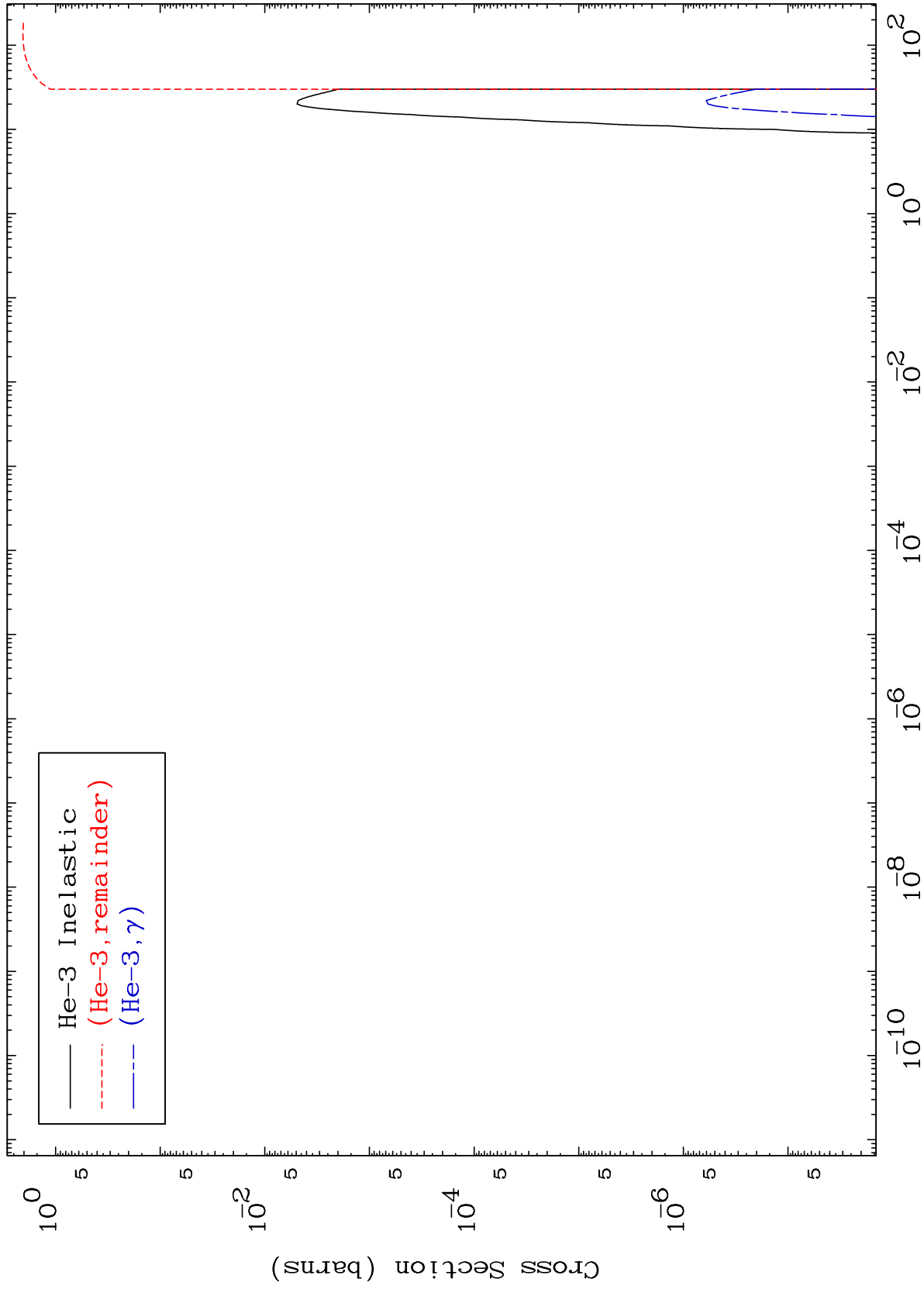
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6304

He-3 Major  
0 Kelvin Cross Sections

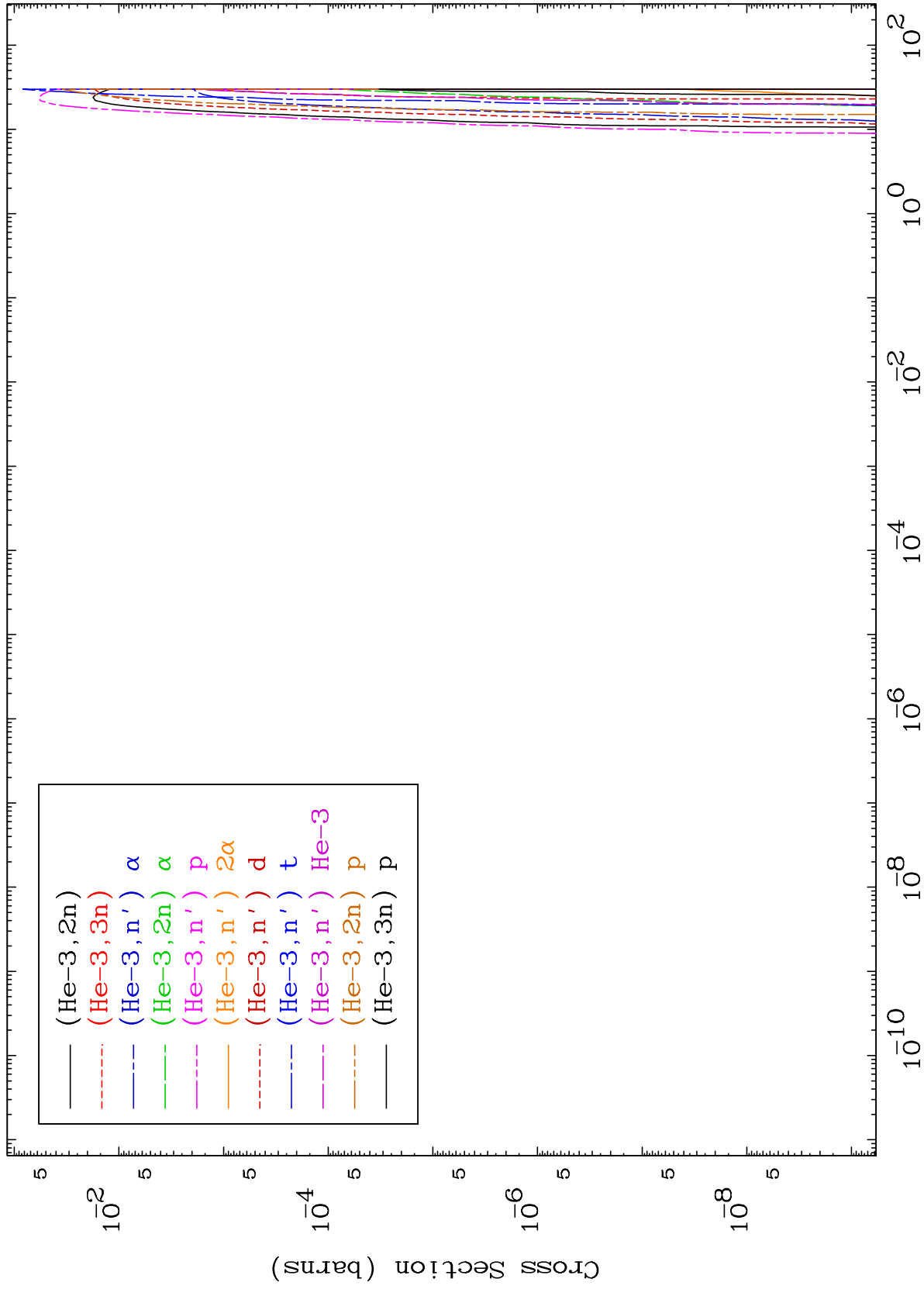
63-Eu-144



MAT 6304

He-3 Neutron Production  
0 Kelvin Cross Sections

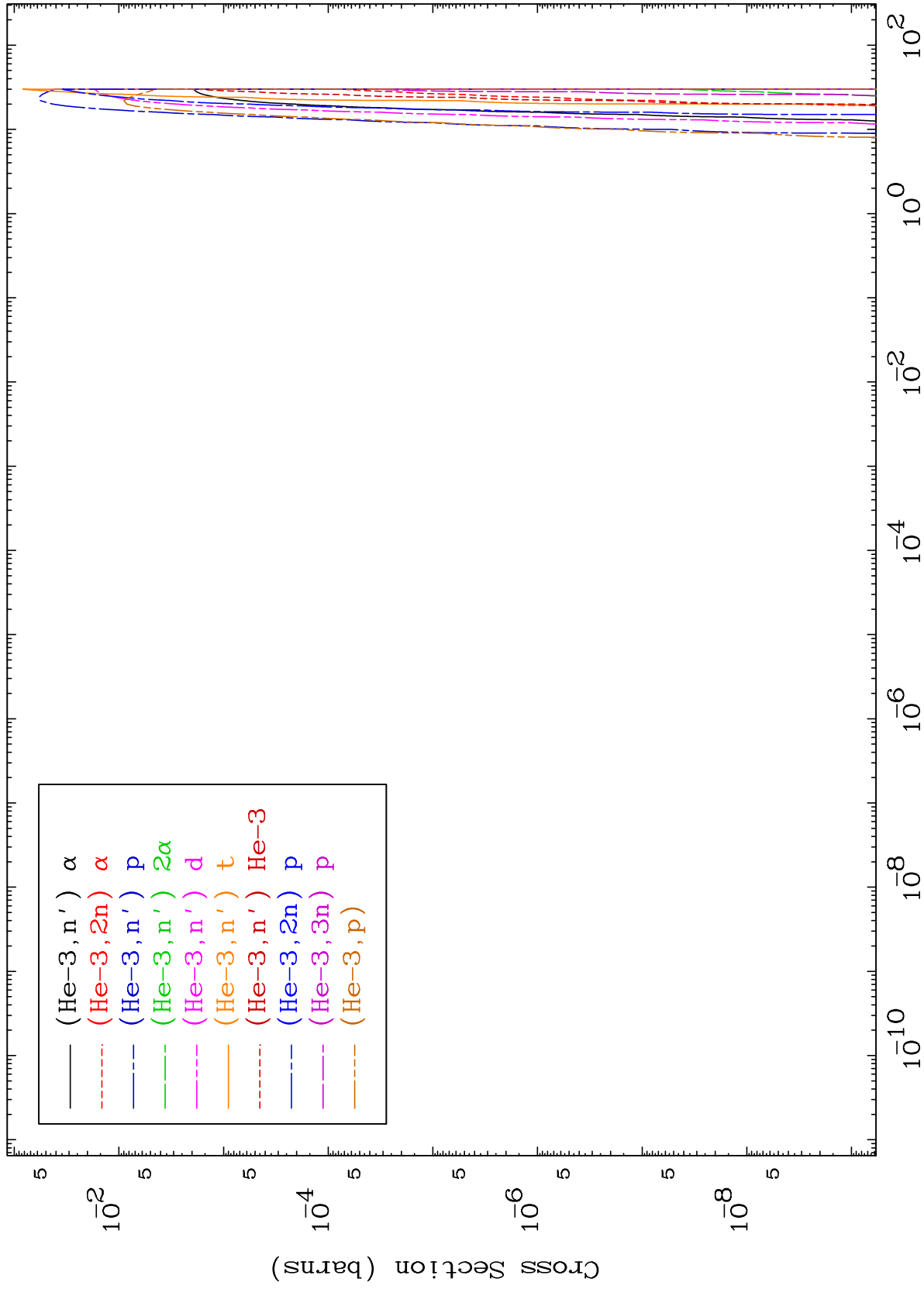
63-Eu-144



2

Incident Energy (MeV)

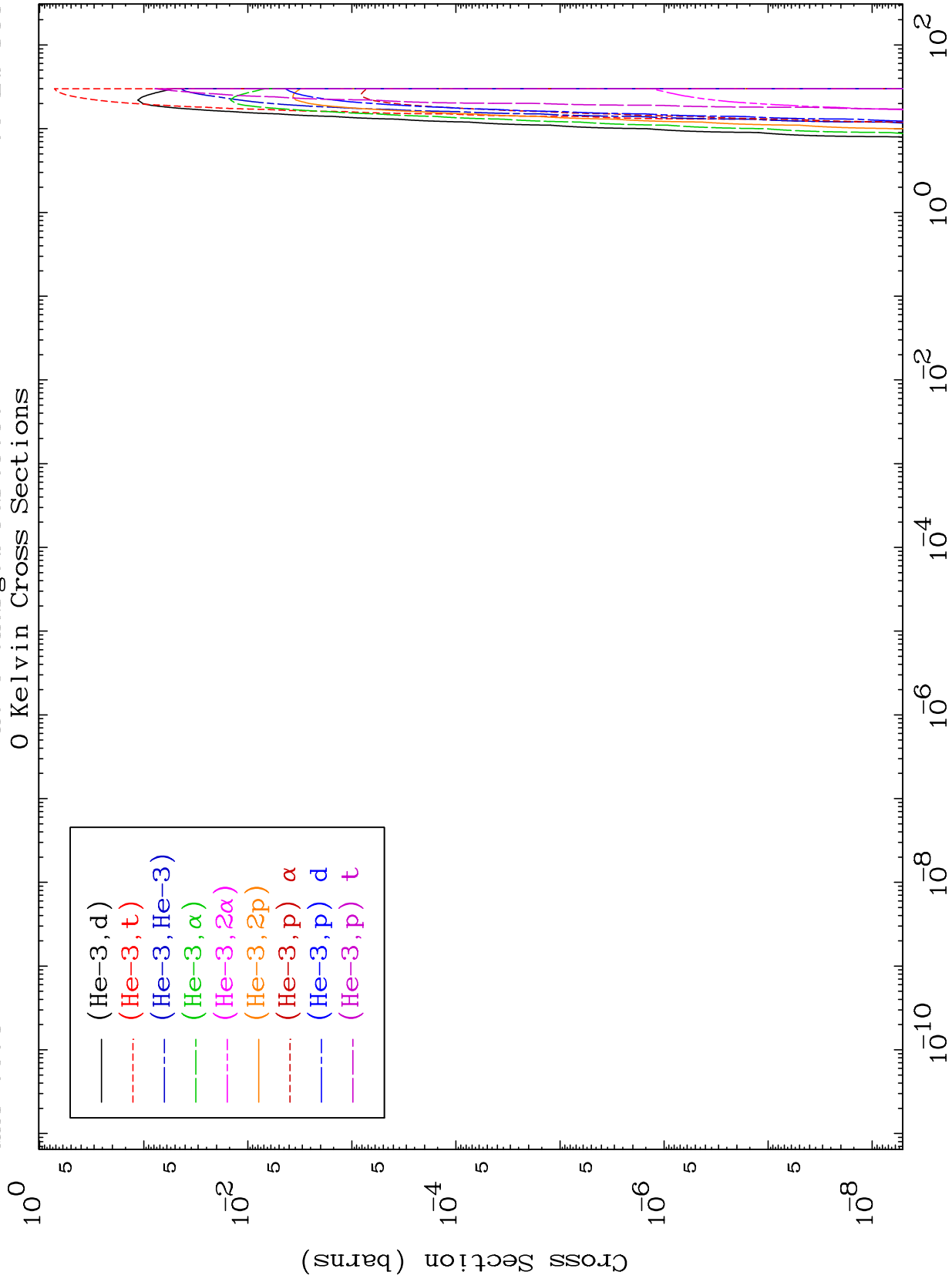
63-Eu-144



MAT 6304

He-3 Charged Particle  
0 Kelvin Cross Sections

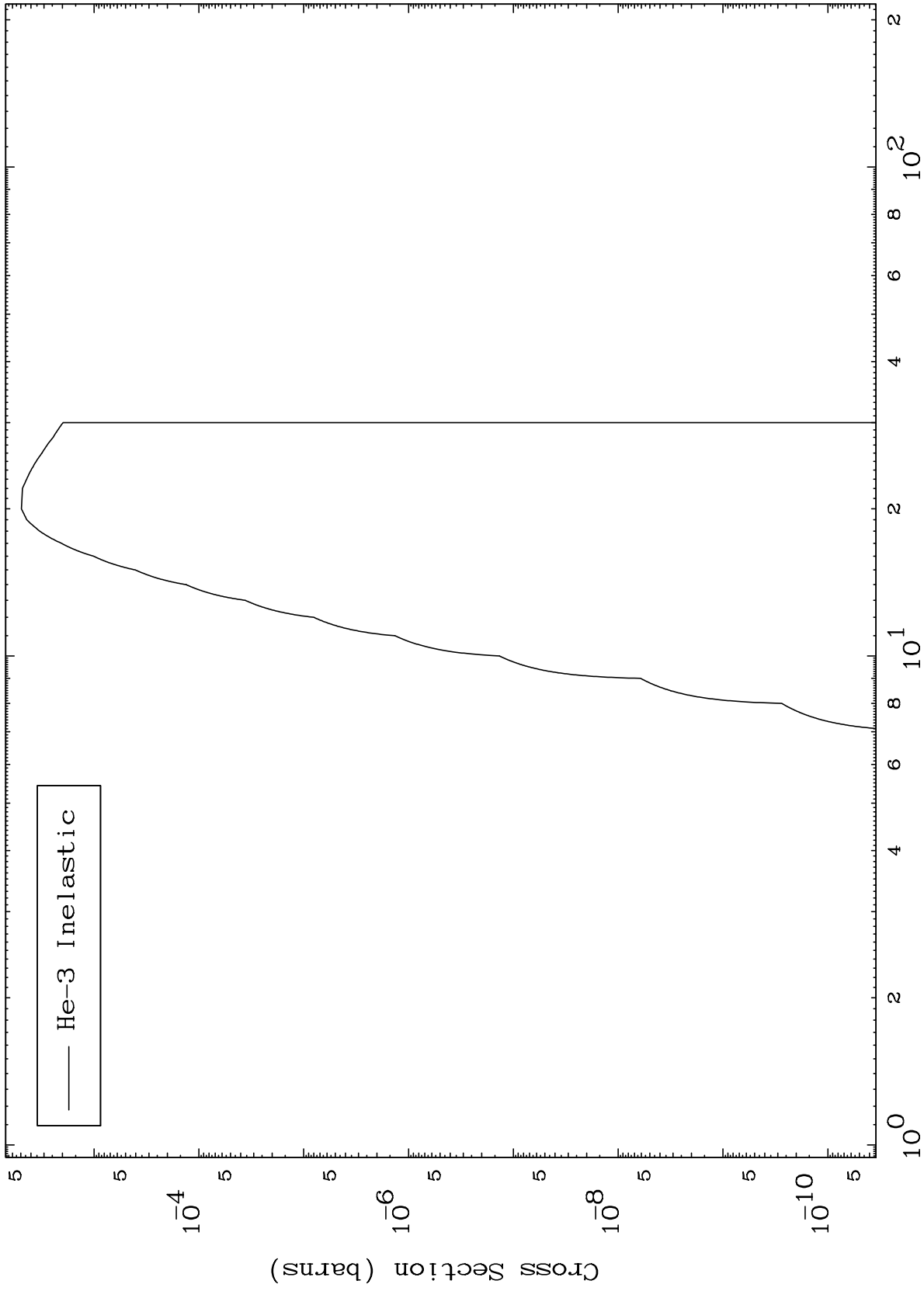
63-Eu-144



MAT 6304

(He-3, n') Level  
0 Kelvin Cross Sections

63-Eu-144



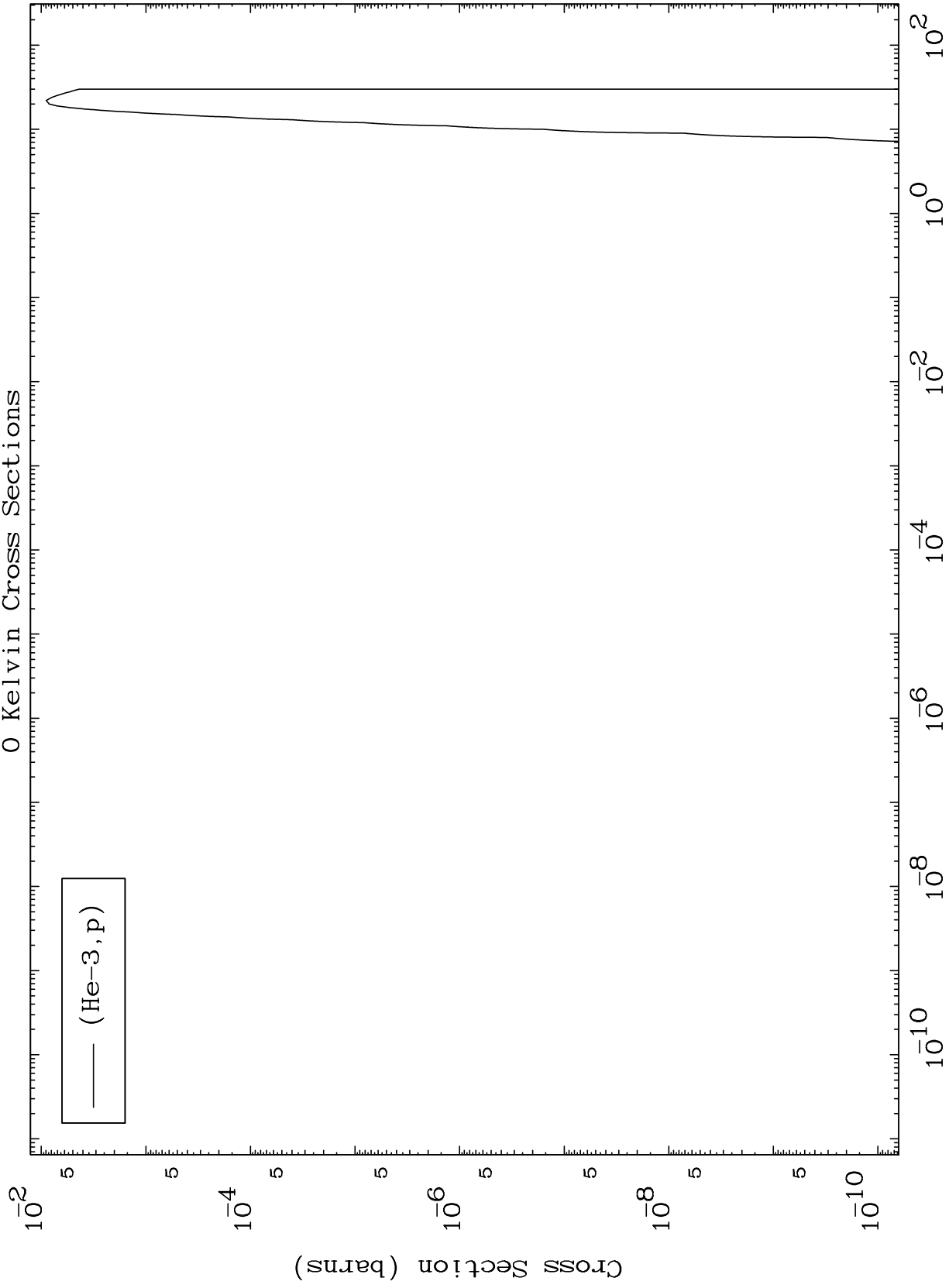
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3,p) Levels  
0 Kelvin Cross Sections

63-Eu-144



6

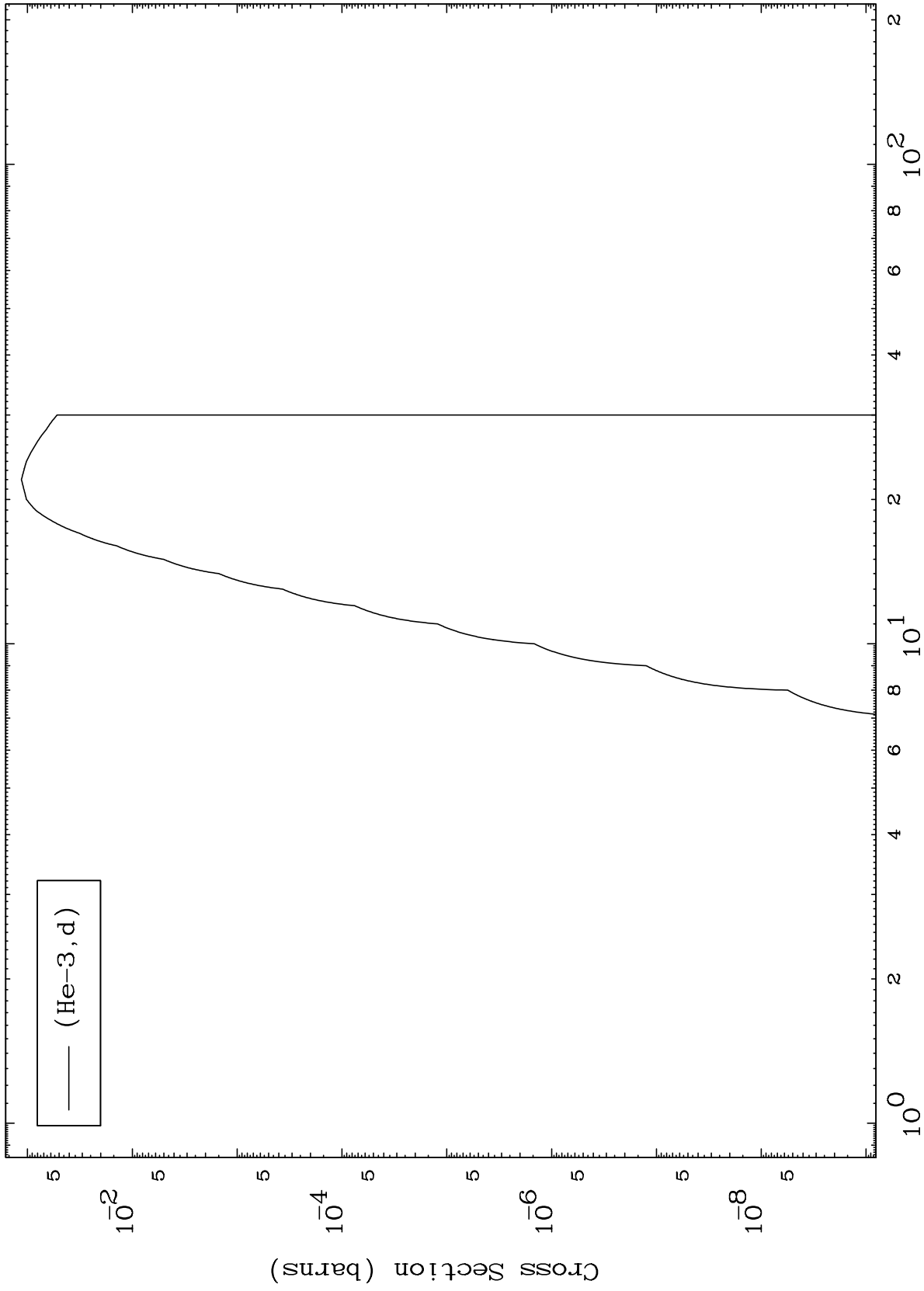
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3,d) Levels  
0 Kelvin Cross Sections

63-Eu-144



7

Incident Energy (MeV)

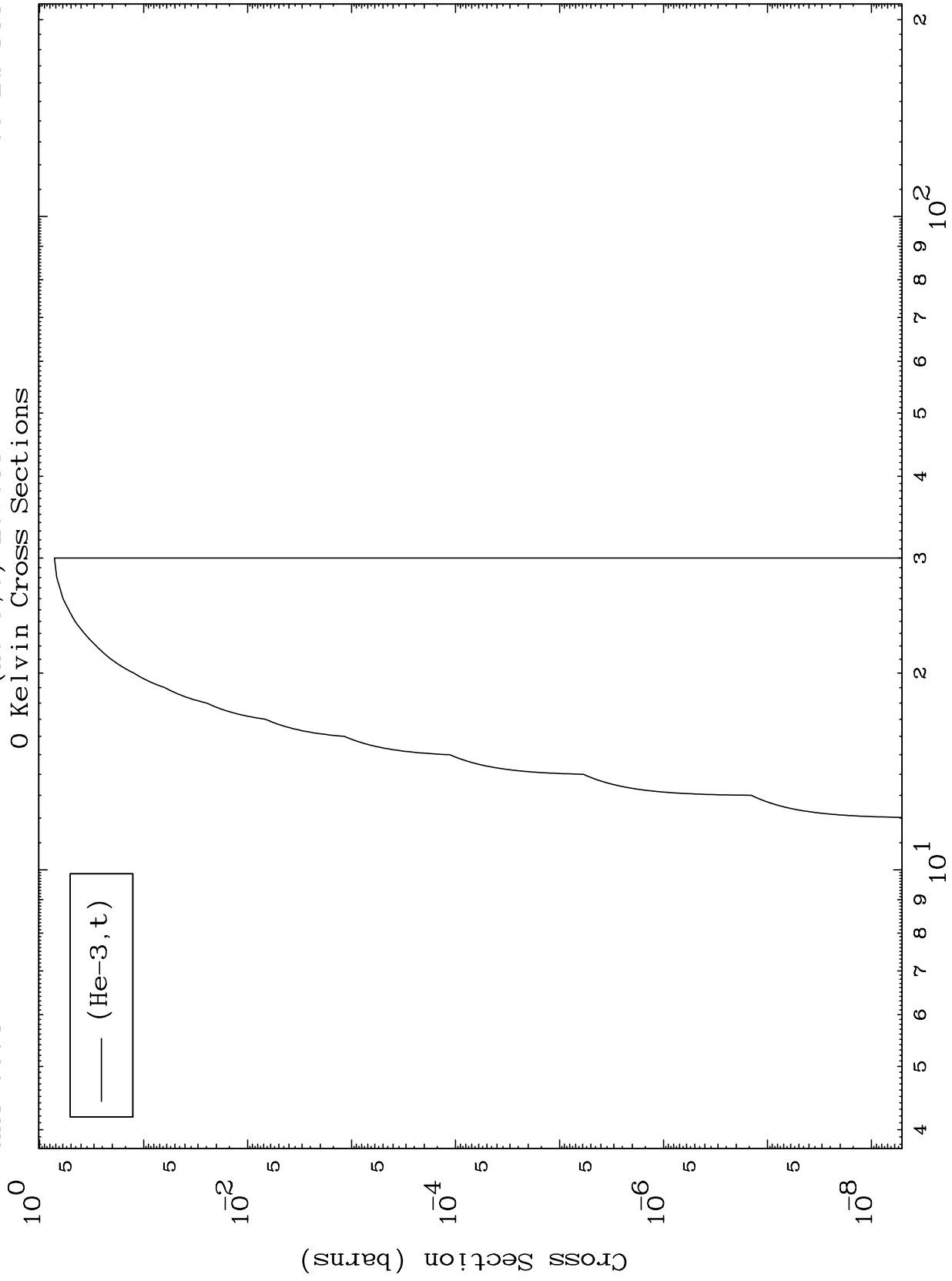
63-Eu-144



MAT 6304

(He-3,t) Levels  
0 Kelvin Cross Sections

63-Eu-144



8

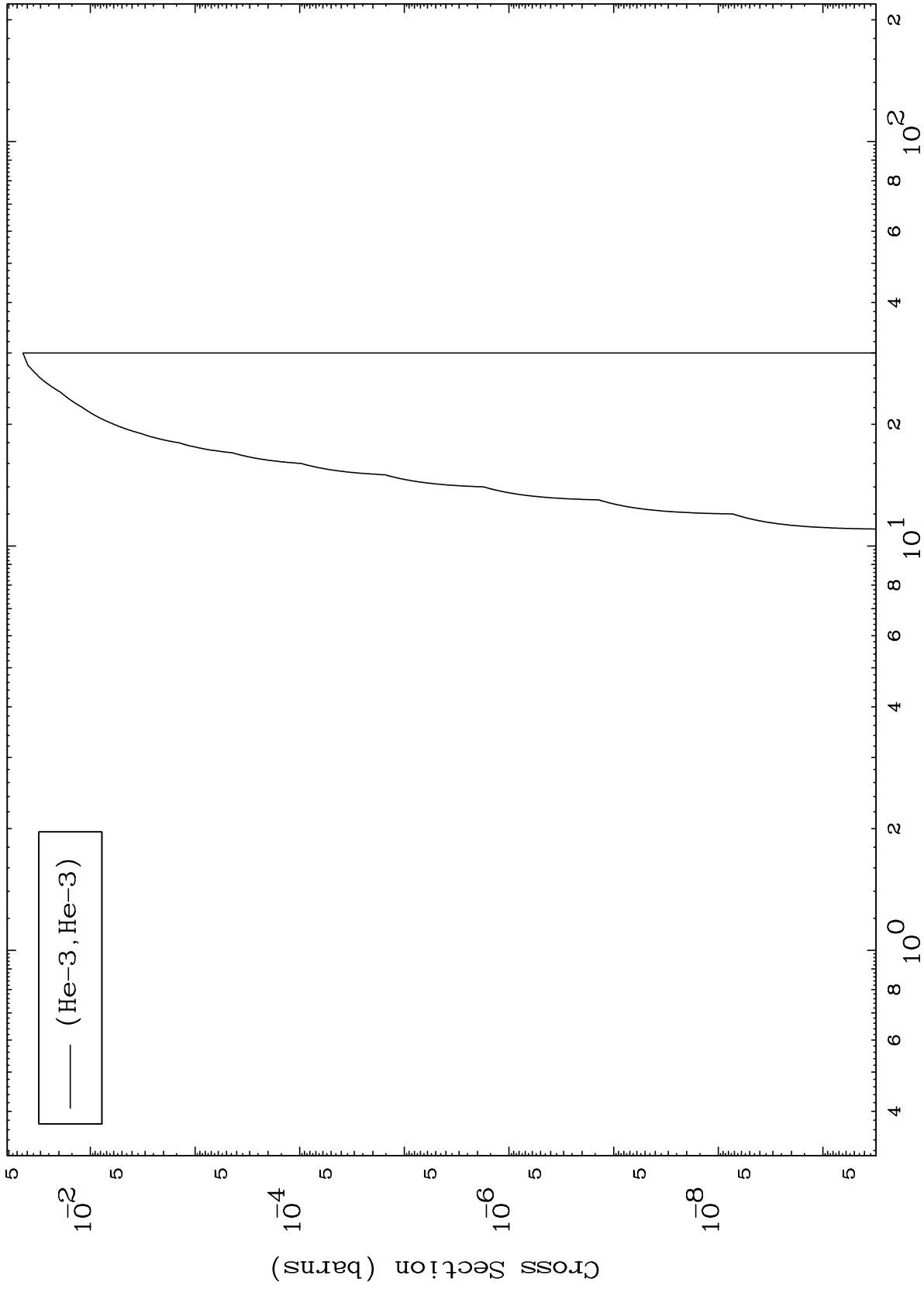
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3, He3) Levels  
0 Kelvin Cross Sections

63-Eu-144



9

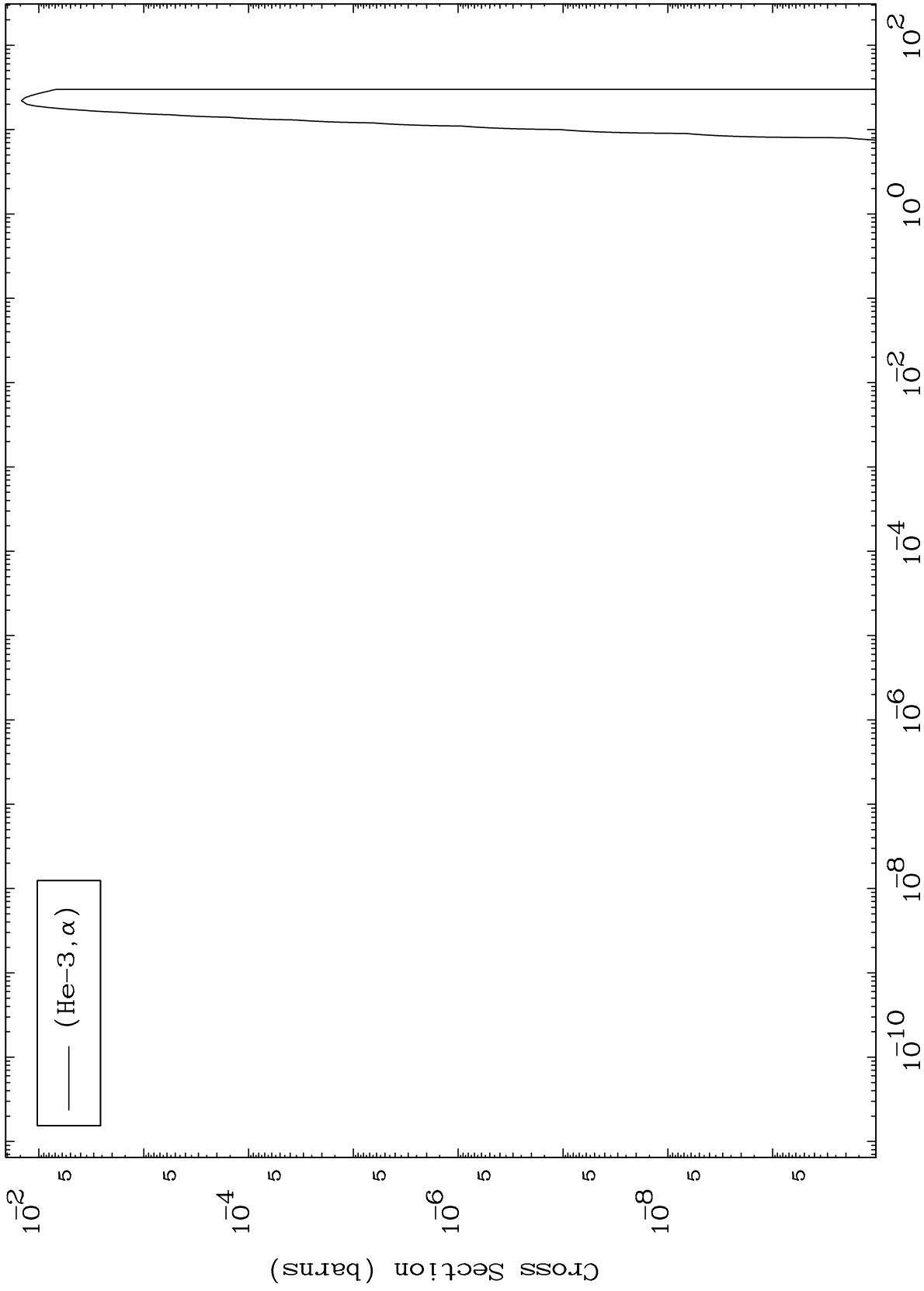
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

63-Eu-144



10

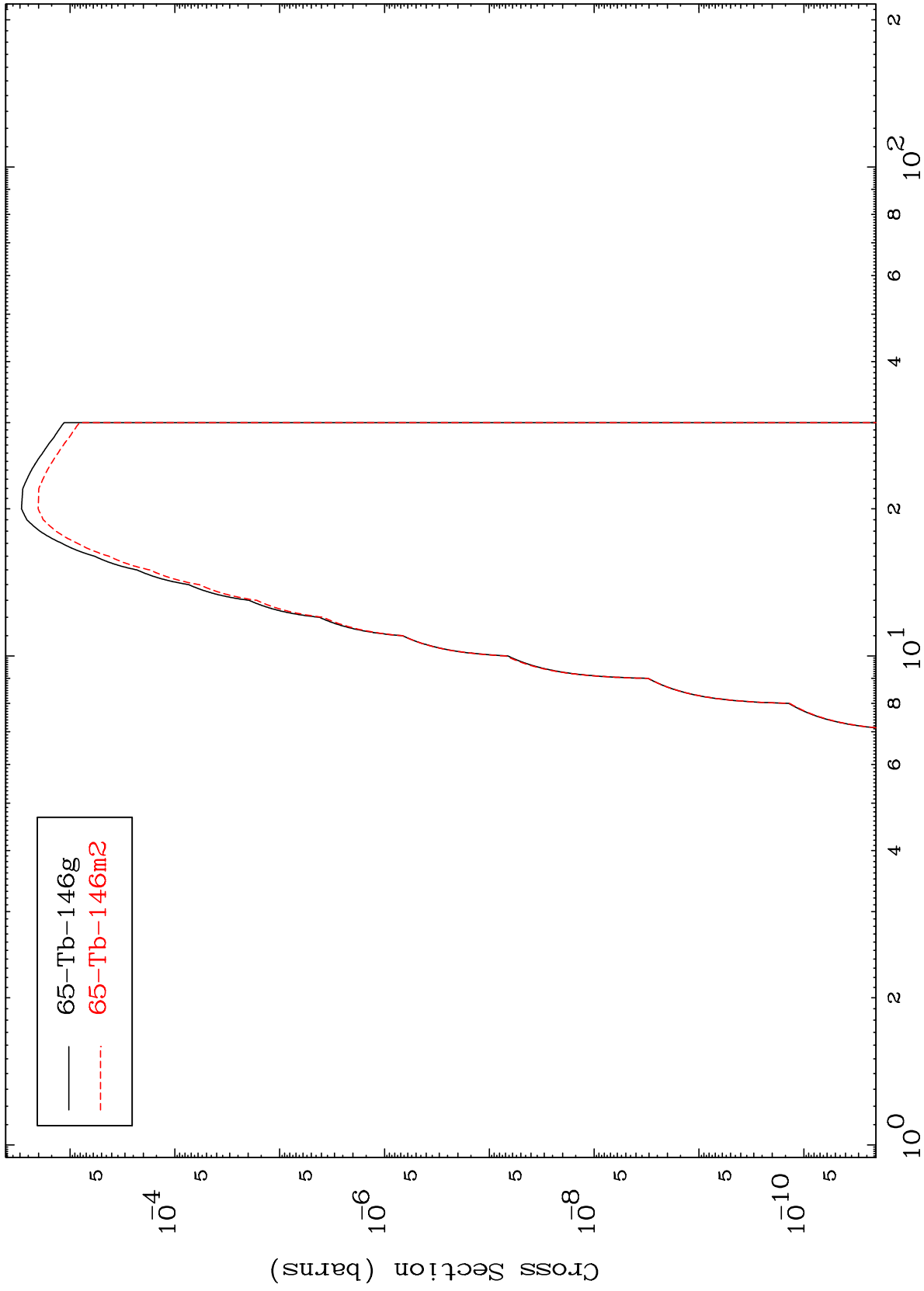
Incident Energy (MeV)

63-Eu-144

MAT 6304

He-3 Inelastic  
Radionuclide Production Cross Section

63-Eu-144



11

Incident Energy (MeV)

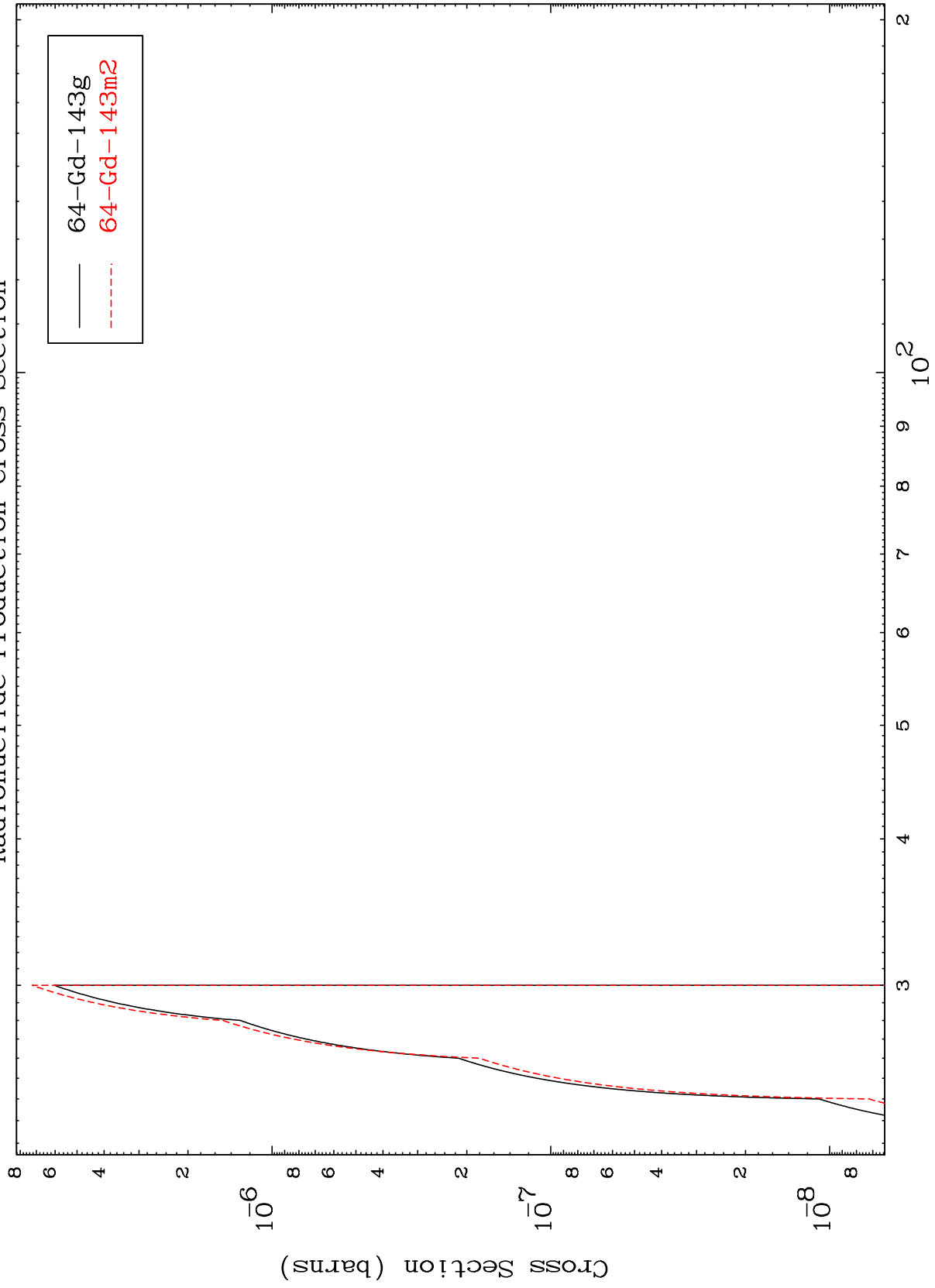
63-Eu-144

MAT 6304

(He-3,2n) d

63-Eu-144

Radionuclide Production Cross Section



12

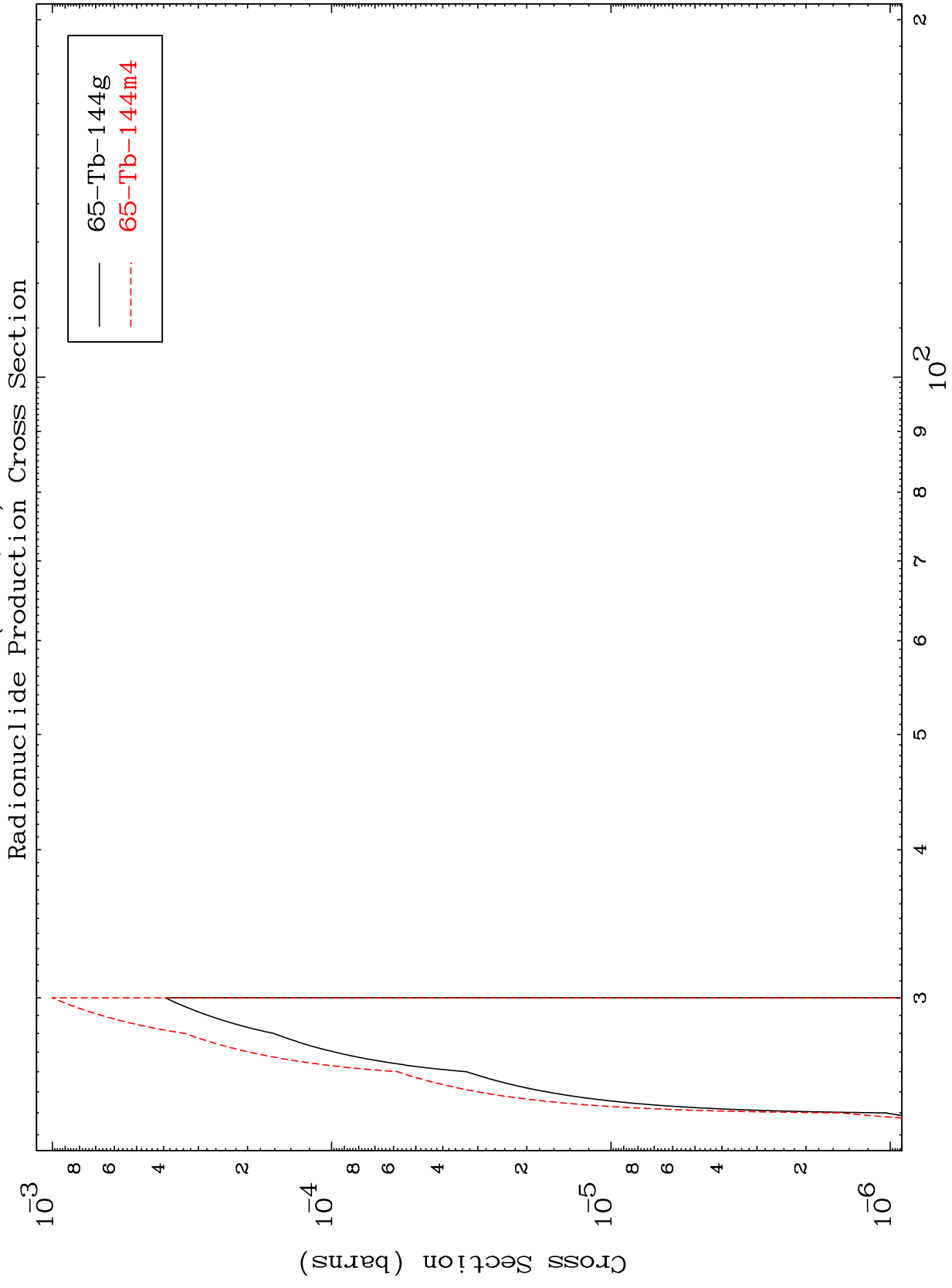
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3, 3n)

63-Eu-144



13

Incident Energy (MeV)

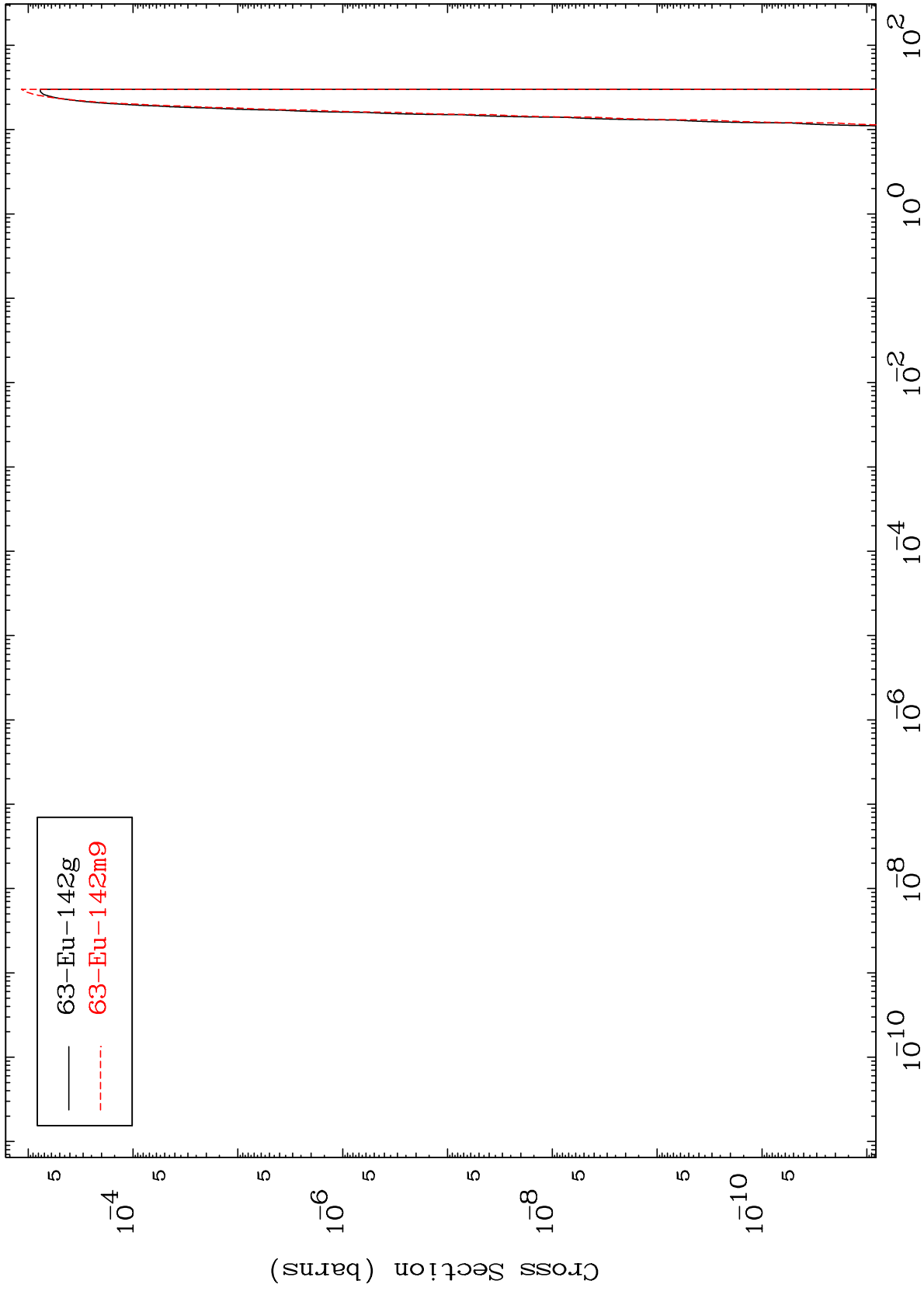
63-Eu-144

MAT 6304

(He-3, n')  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

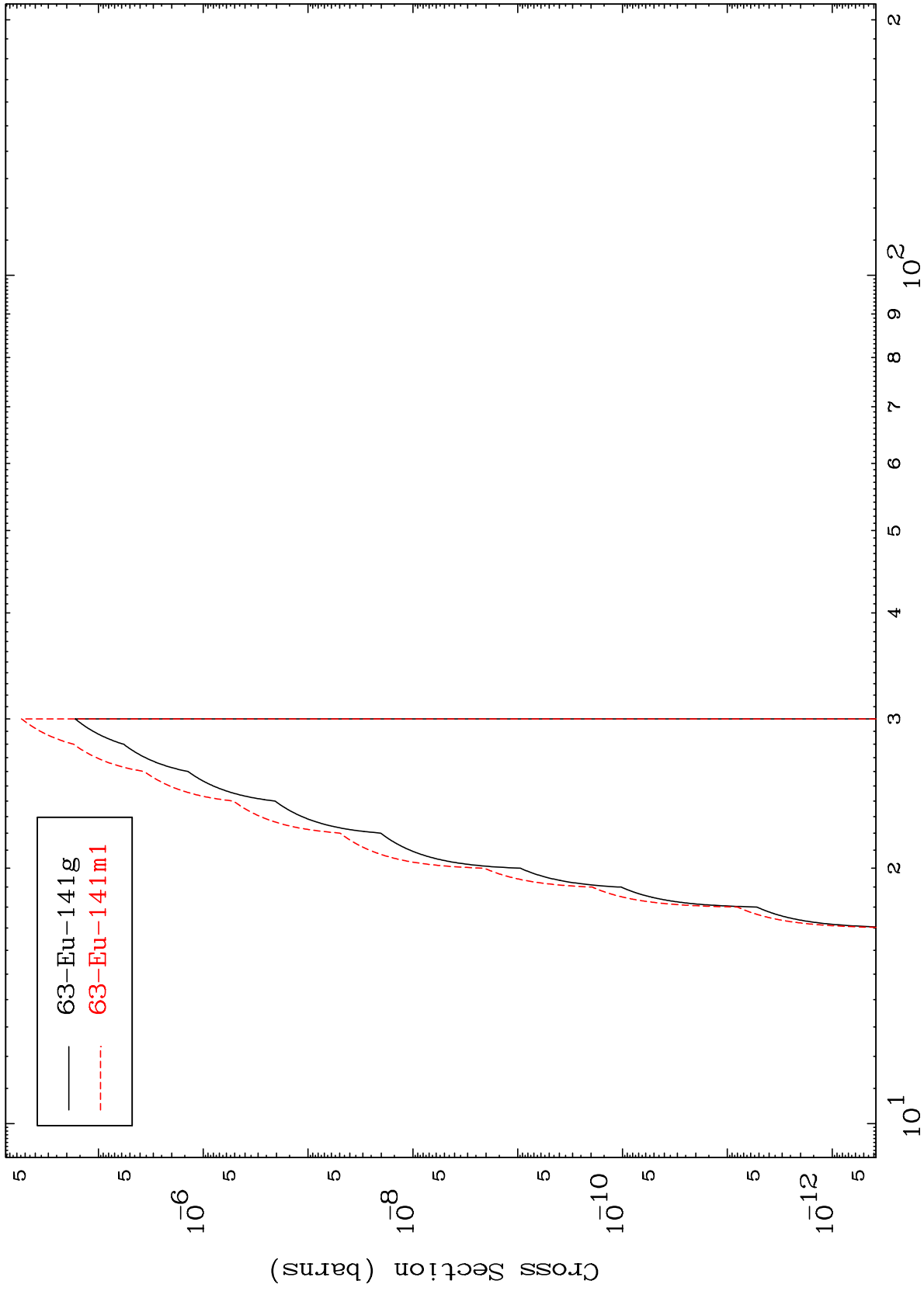
63-Eu-144

MAT 6304

(He-3,2n)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



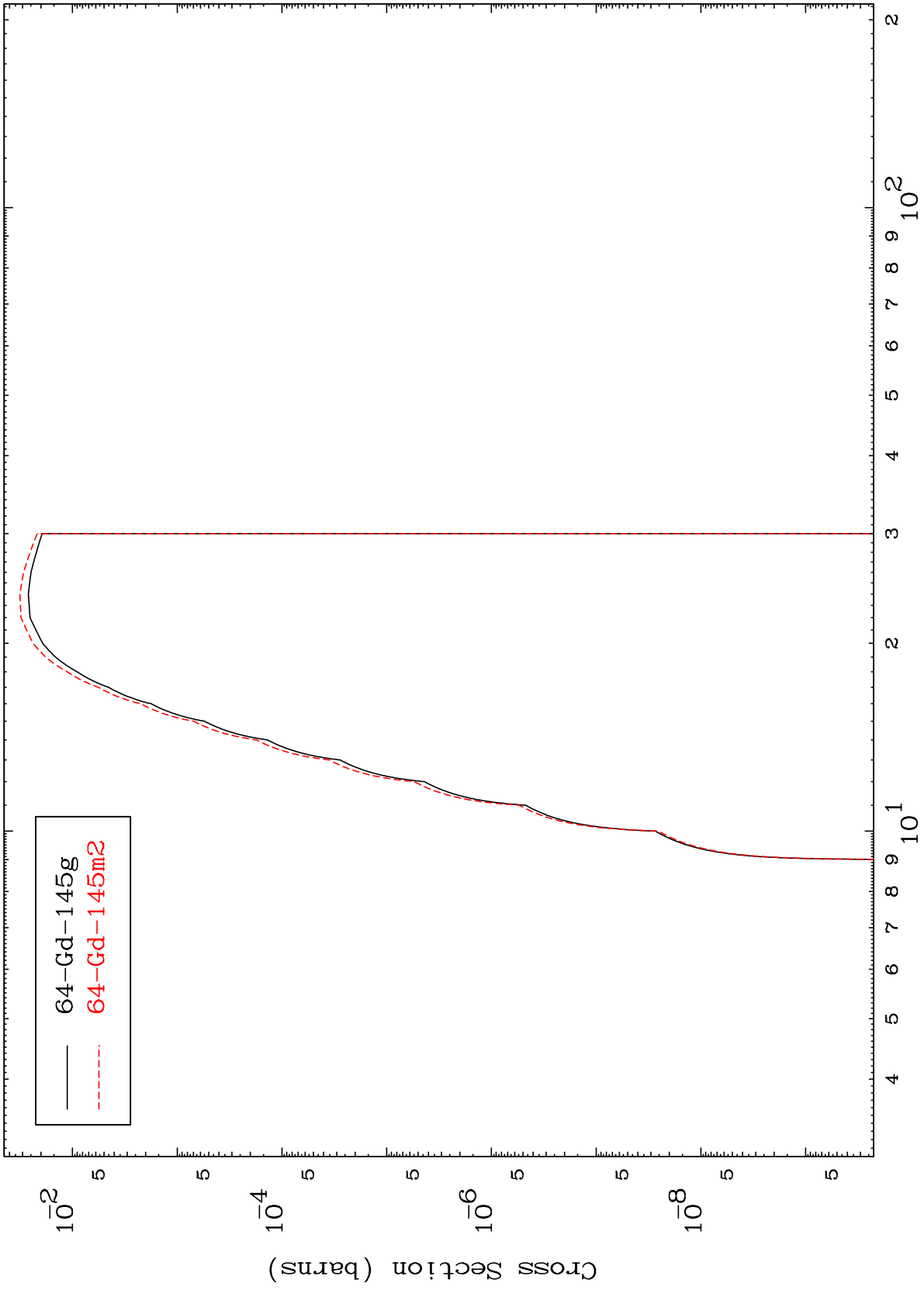
63-Eu-141g  
63-Eu-141m1



MAT 6304

63-Eu-144

(He-3, n') p  
Radionuclide Production Cross Section



16

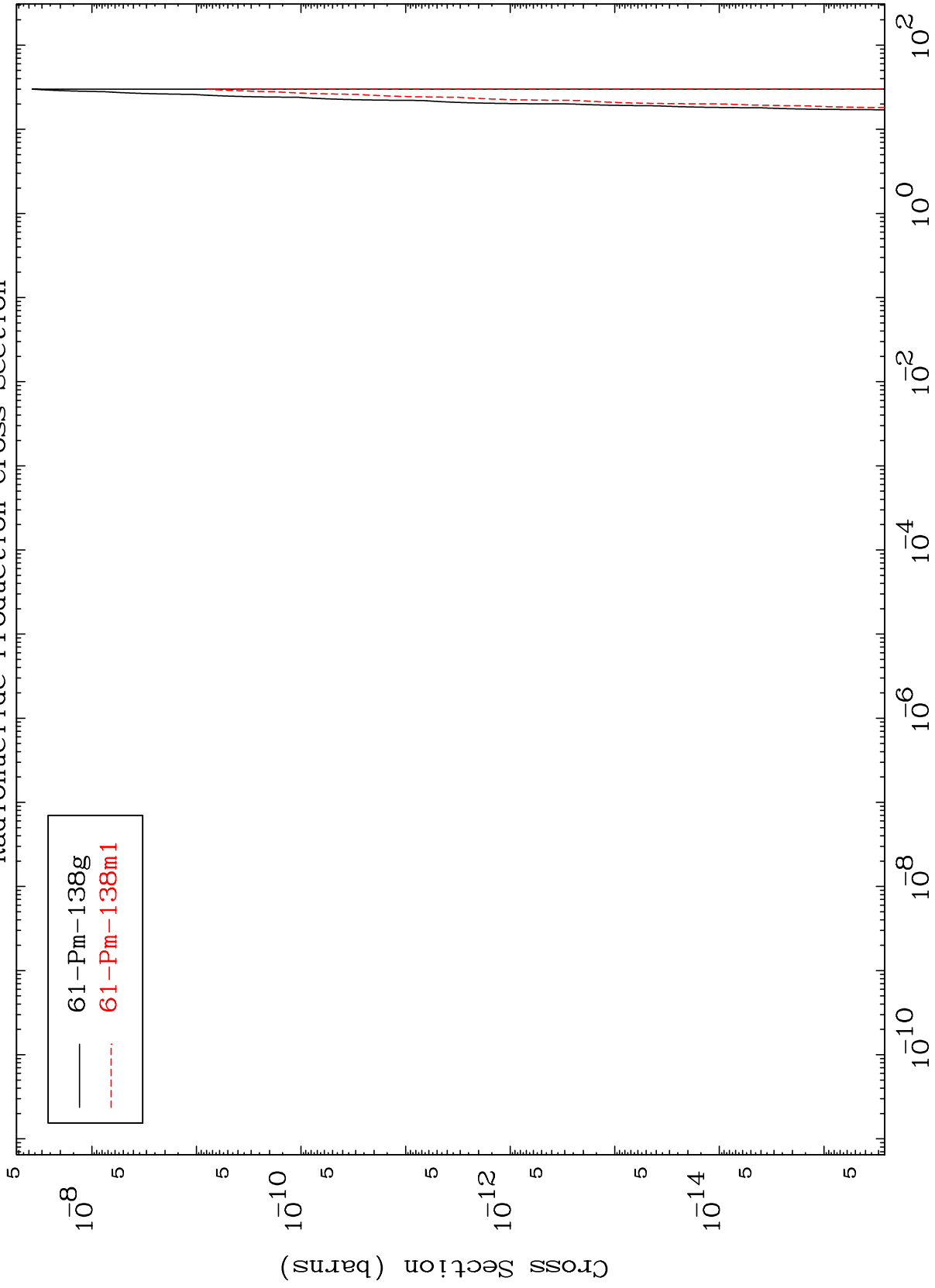
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3, n') 2 $\alpha$   
Radionuclide Production Cross Section

63-Eu-144

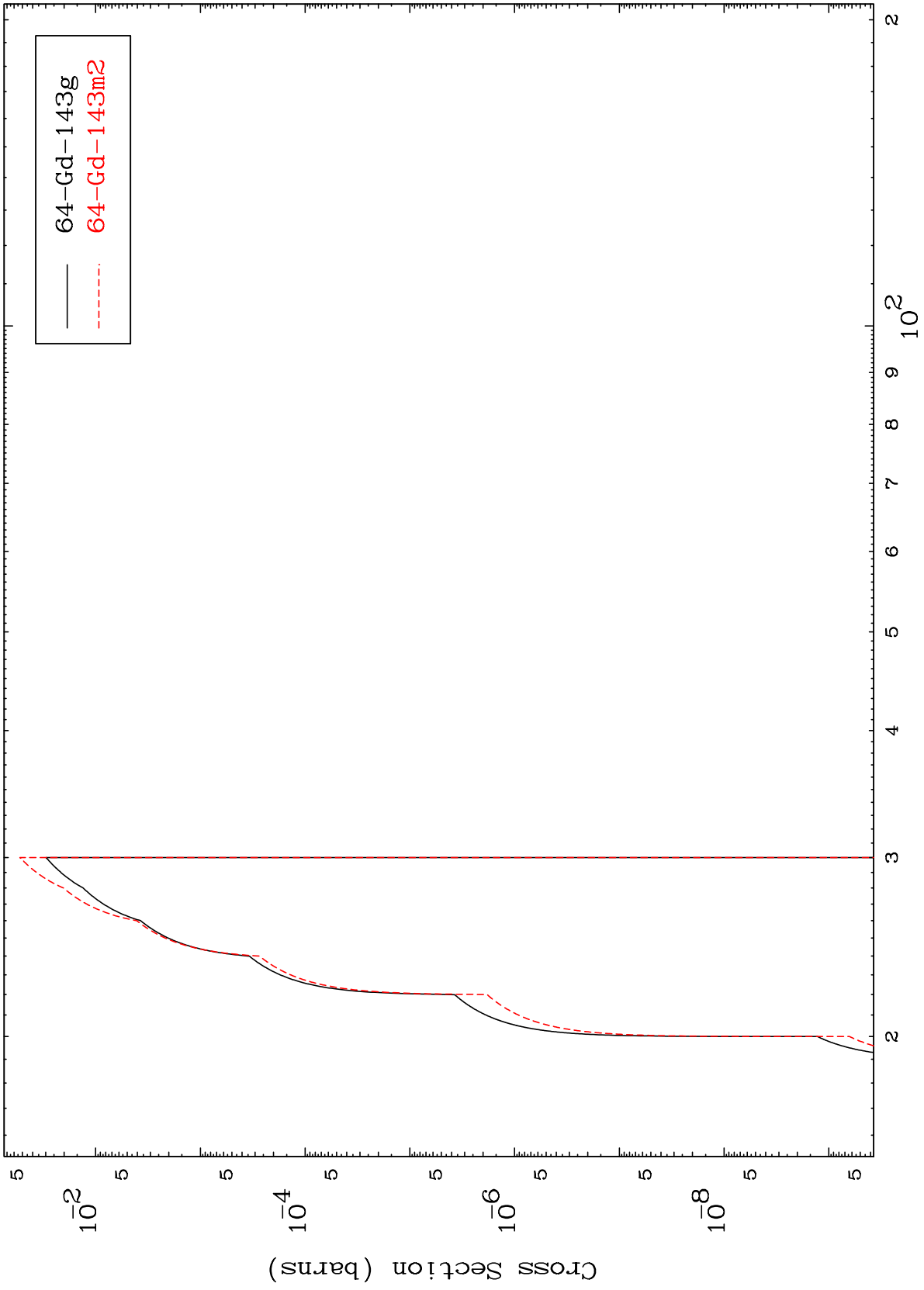


MAT 6304

(He-3, n') t

63-Eu-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

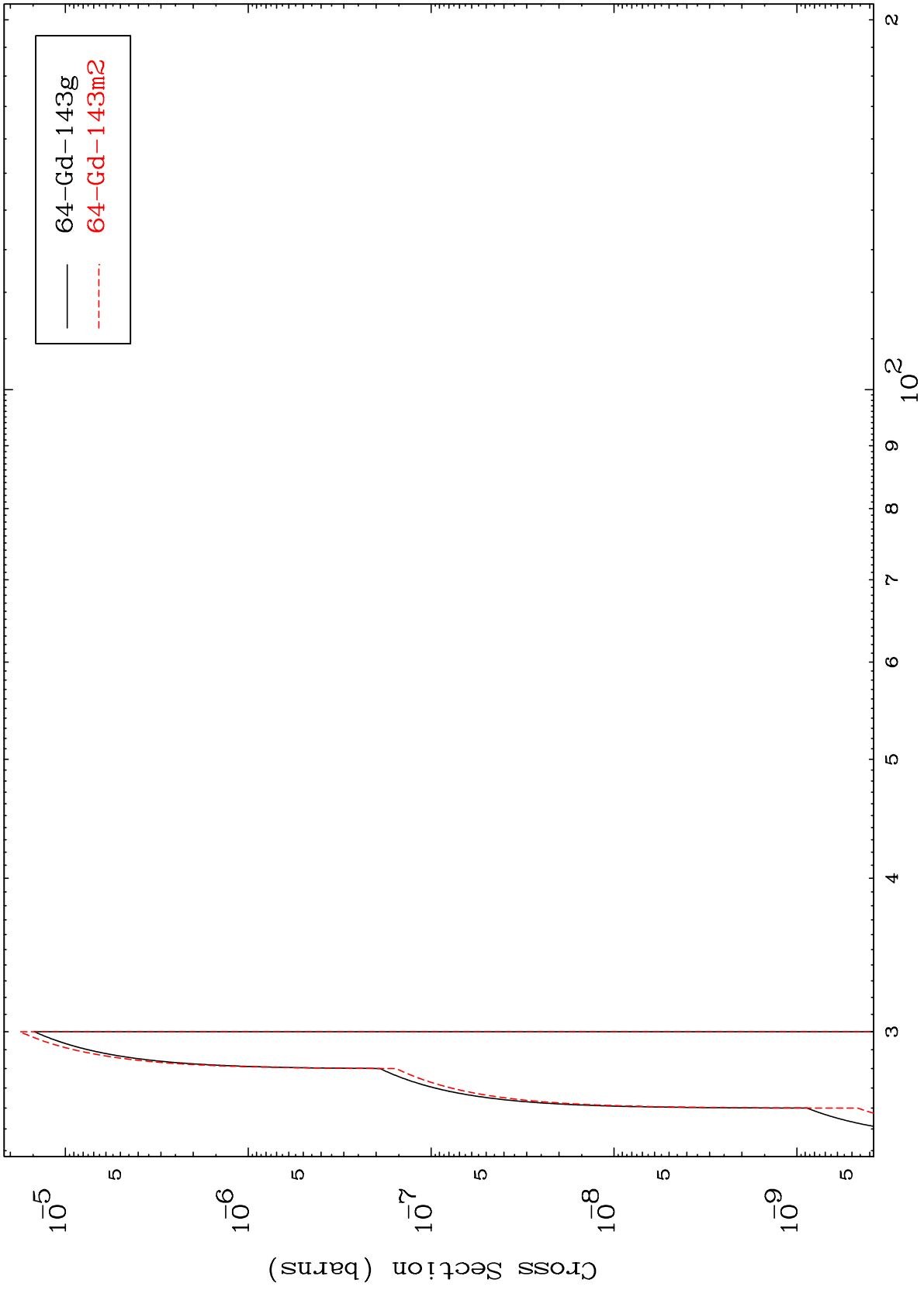
63-Eu-144

MAT 6304

(He-3,3n) p

63-Eu-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

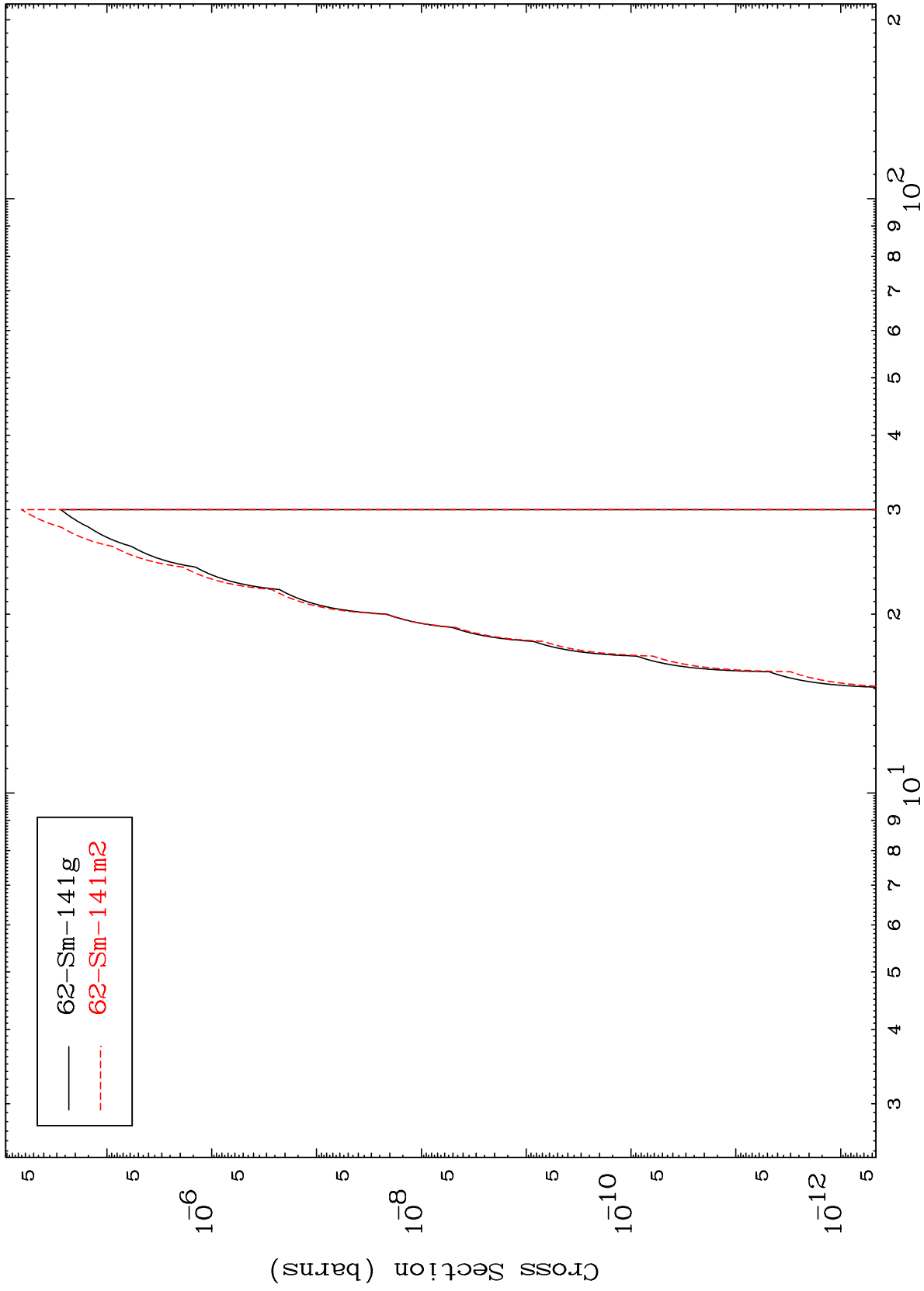
63-Eu-144

MAT 6304

(He-3, n') p  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



62-Sm-141g  
62-Sm-141m2

20

Incident Energy (MeV)

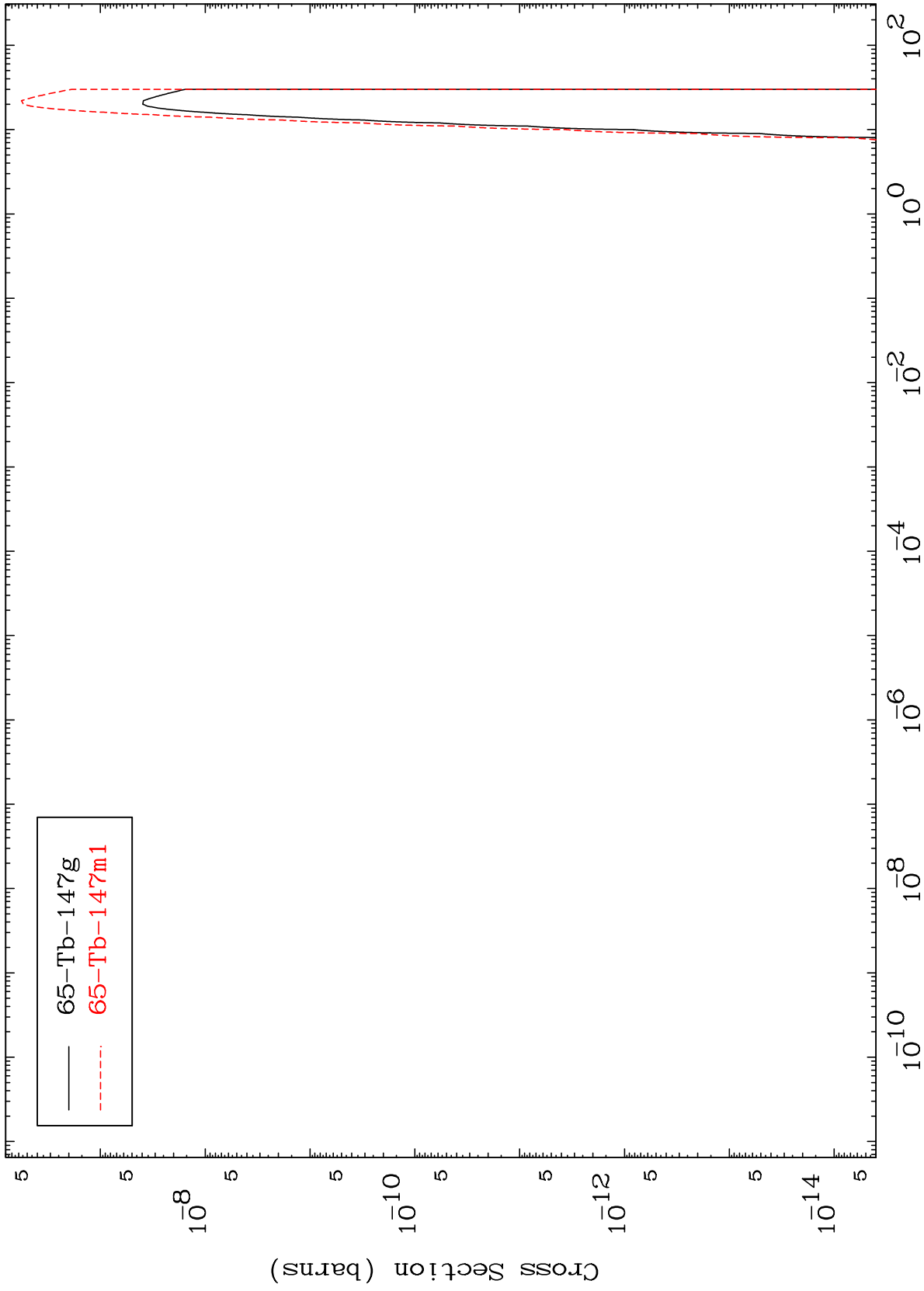
63-Eu-144

MAT 6304

(He-3,  $\gamma$ )

63-Eu-144

Radionuclide Production Cross Section

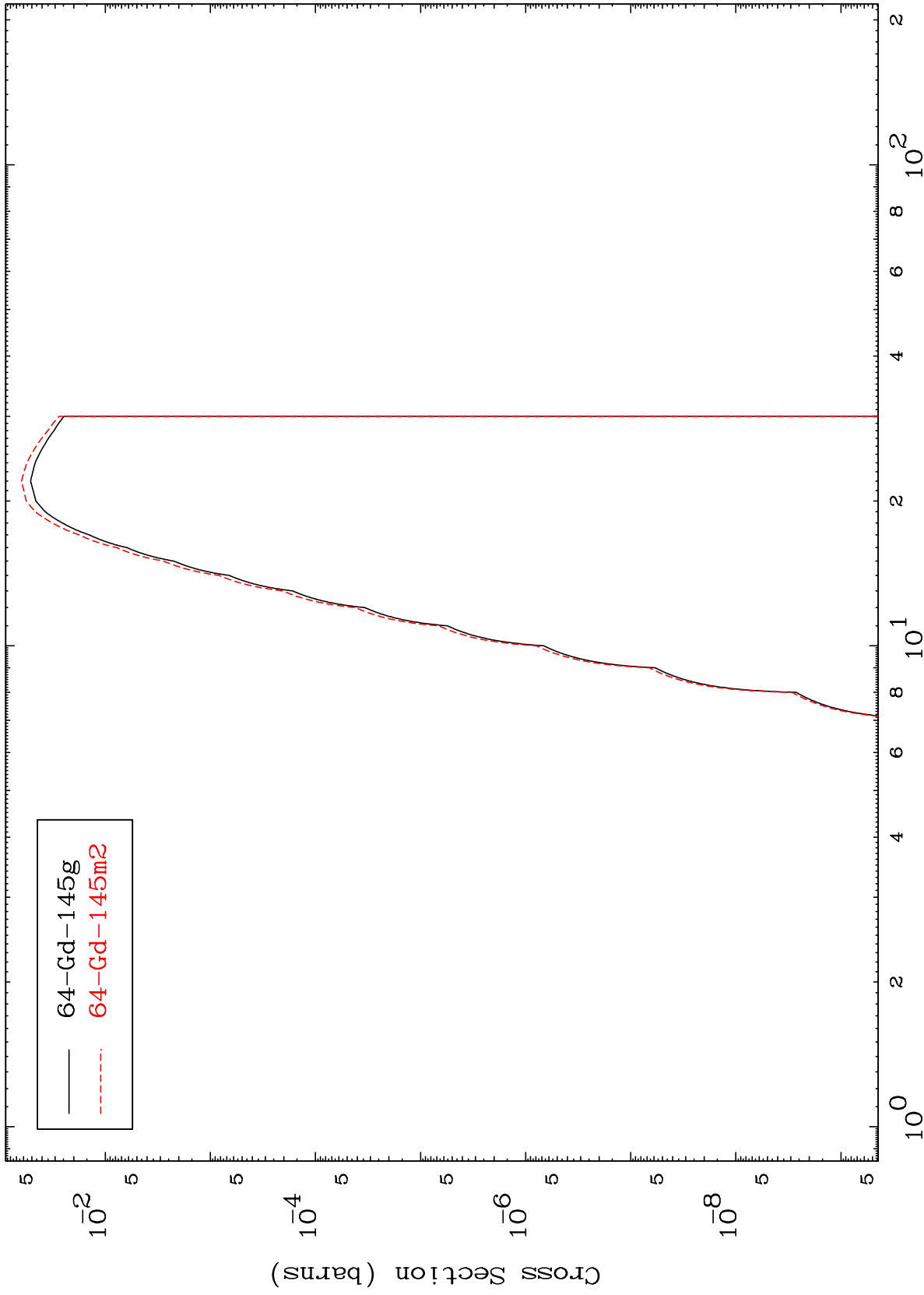


MAT 6304

(He-3,d)

63-Eu-144

### Radionuclide Production Cross Section



22

Incident Energy (MeV)

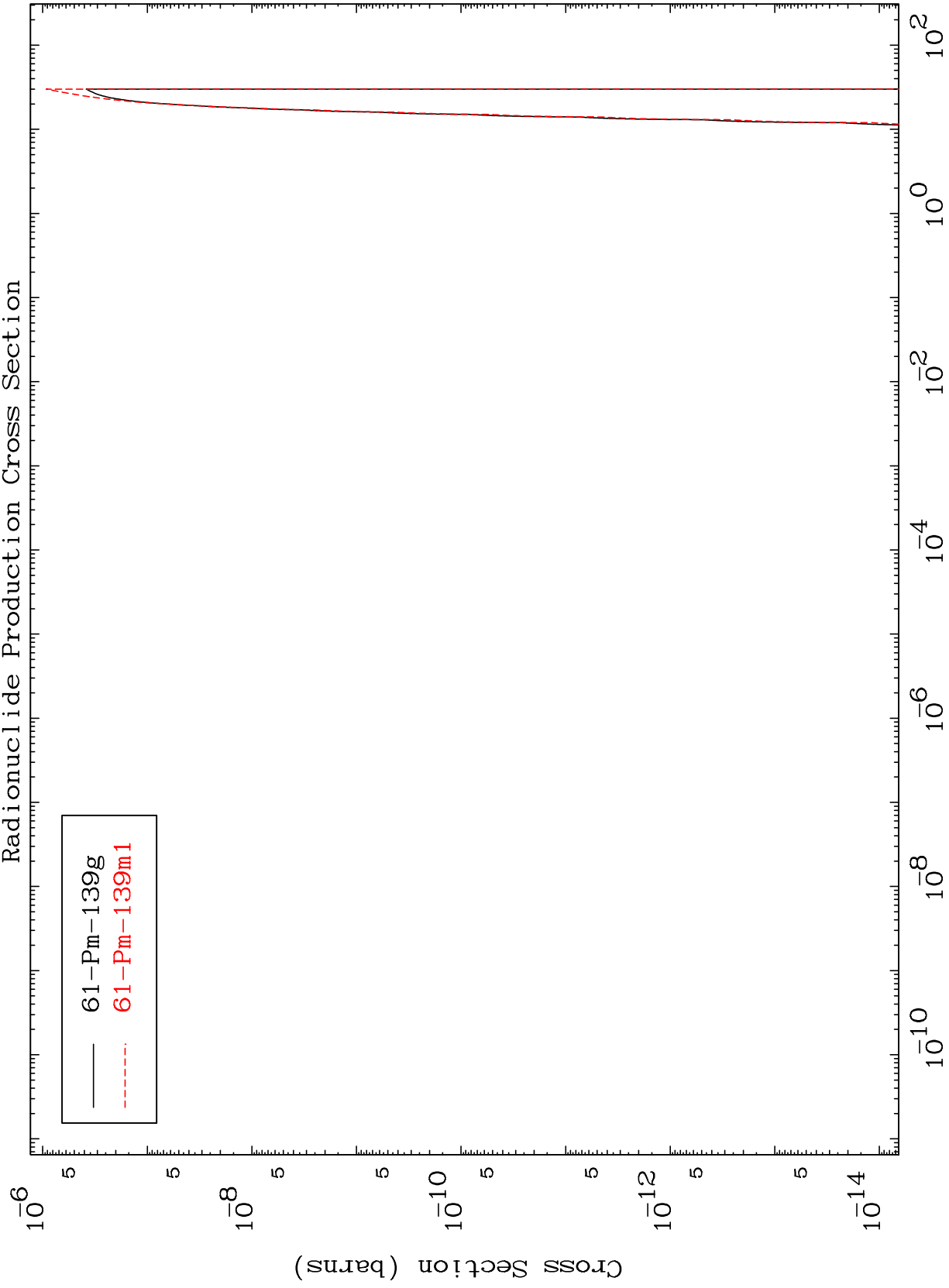
63-Eu-144

MAT 6304

(He-3,2α)

63-Eu-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

63-Eu-144

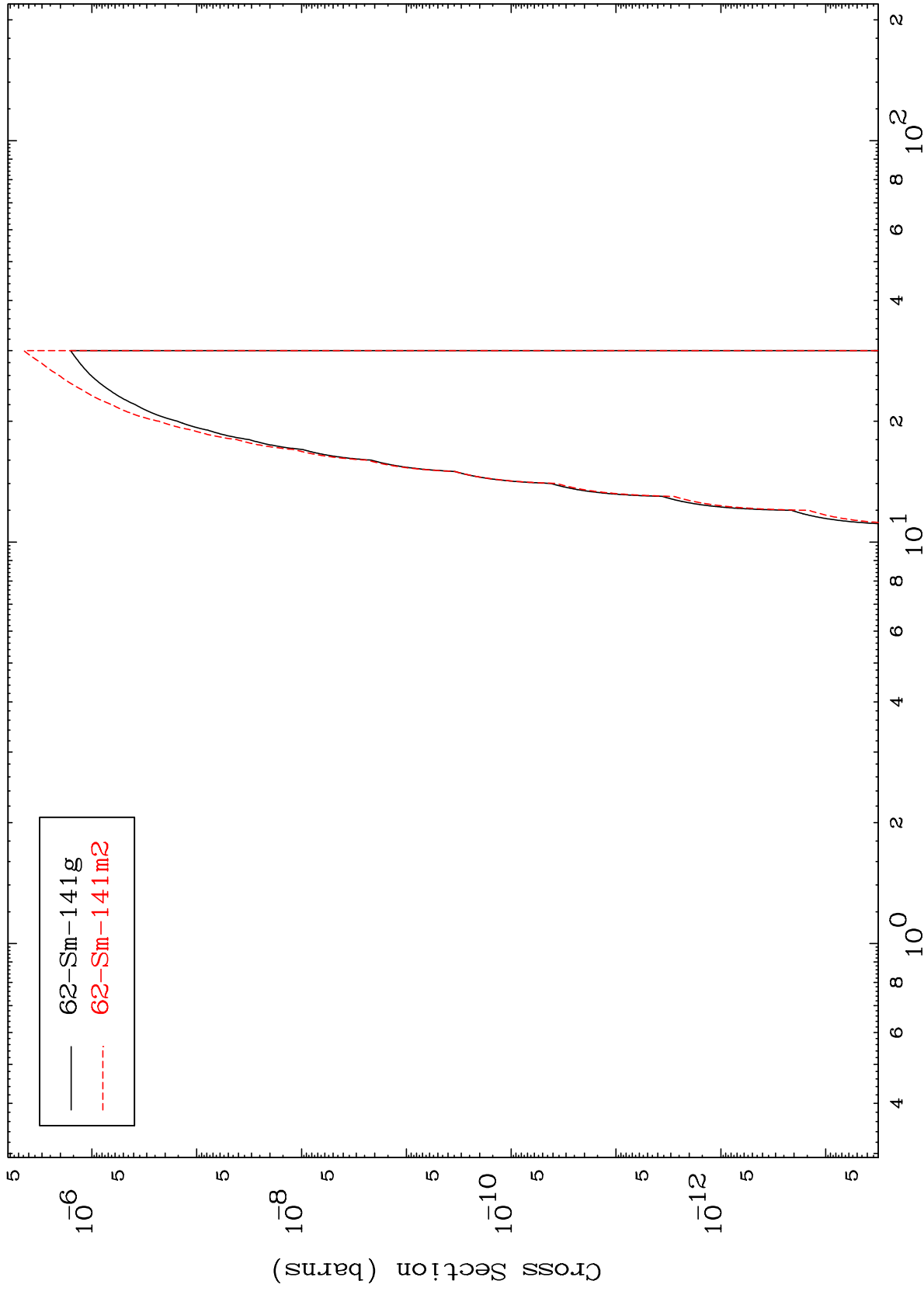


MAT 6304

(He-3,d)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-144