

Program EVALPLOT  
(Version 2021-1)

by

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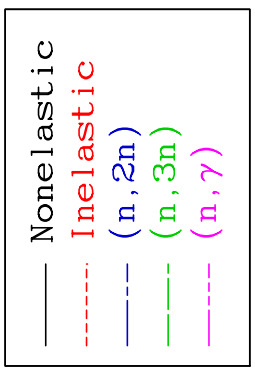
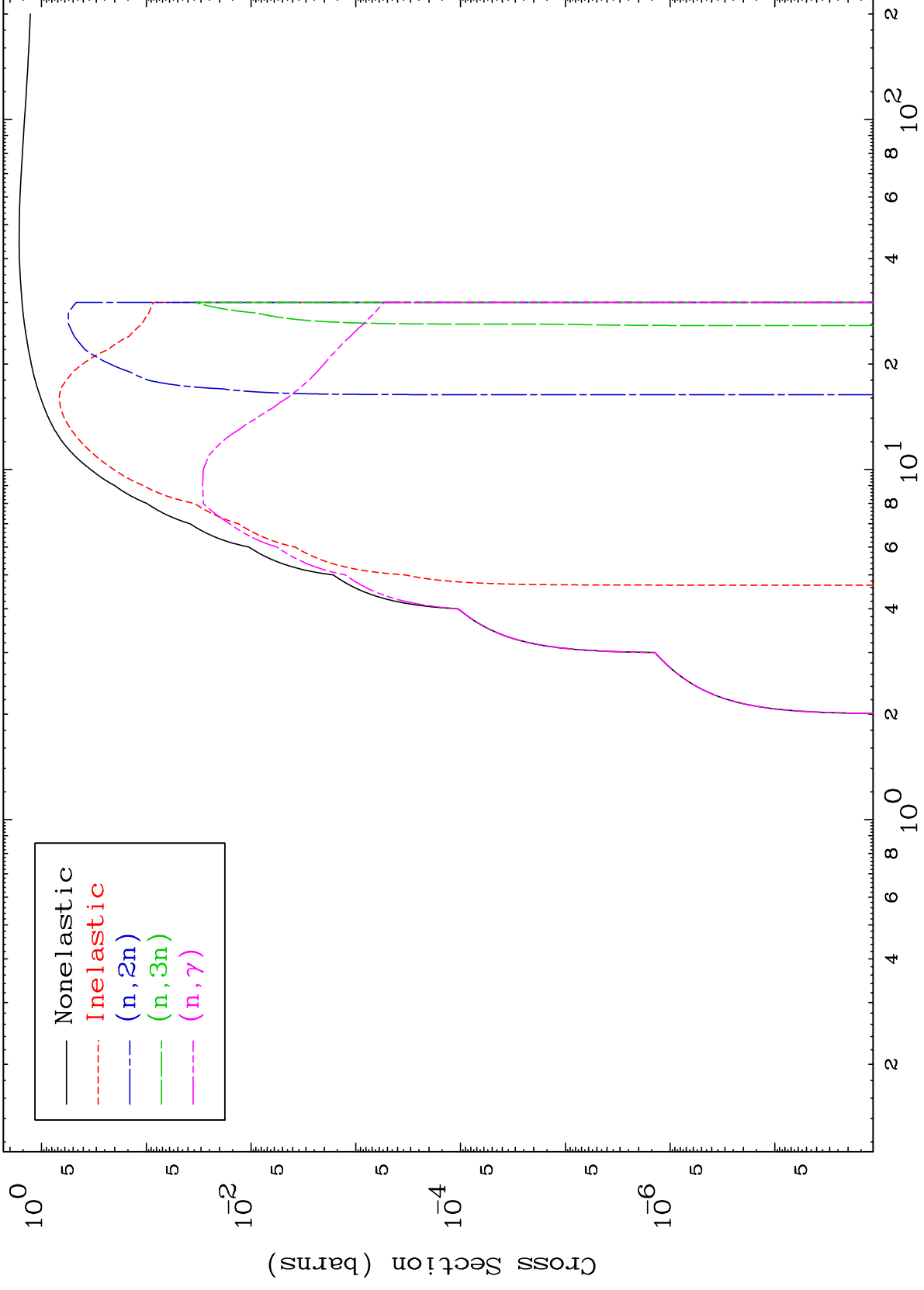
Press Mouse Button to Start

MAT 6304

Proton Major

63-Eu-144

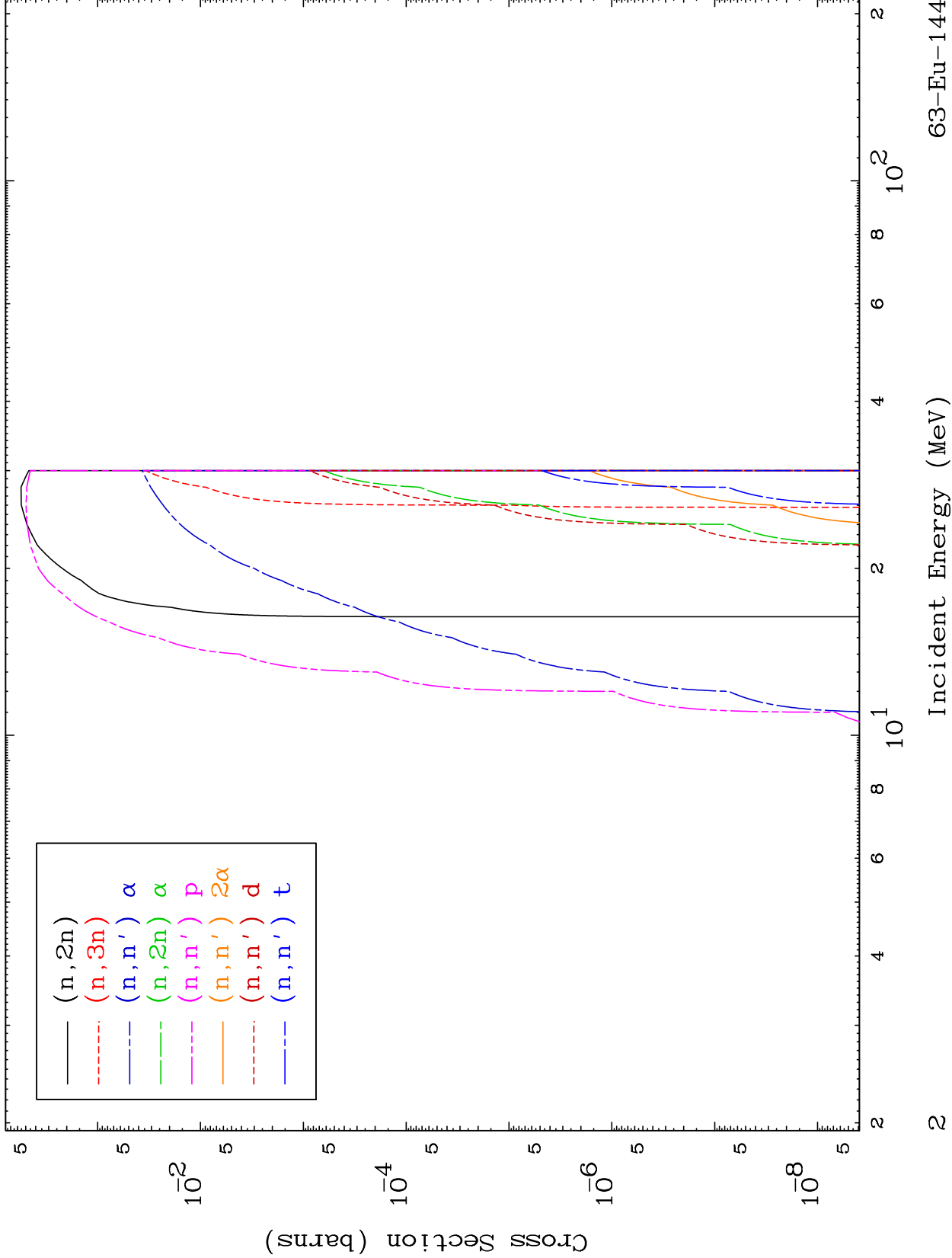
0 Kelvin Cross Sections



MAT 6304

Proton Neutron Absorption  
0 Kelvin Cross Sections

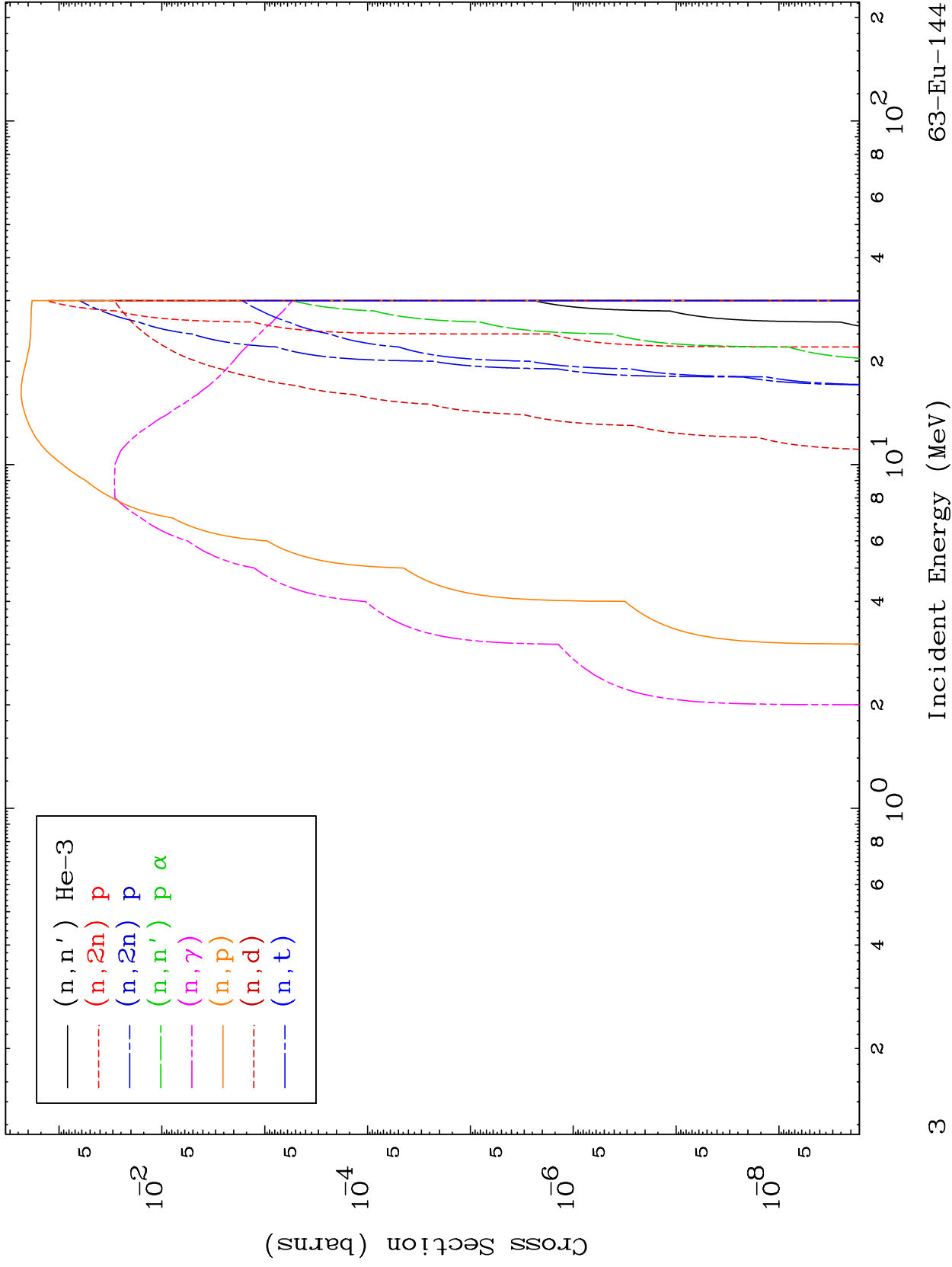
63-Eu-144

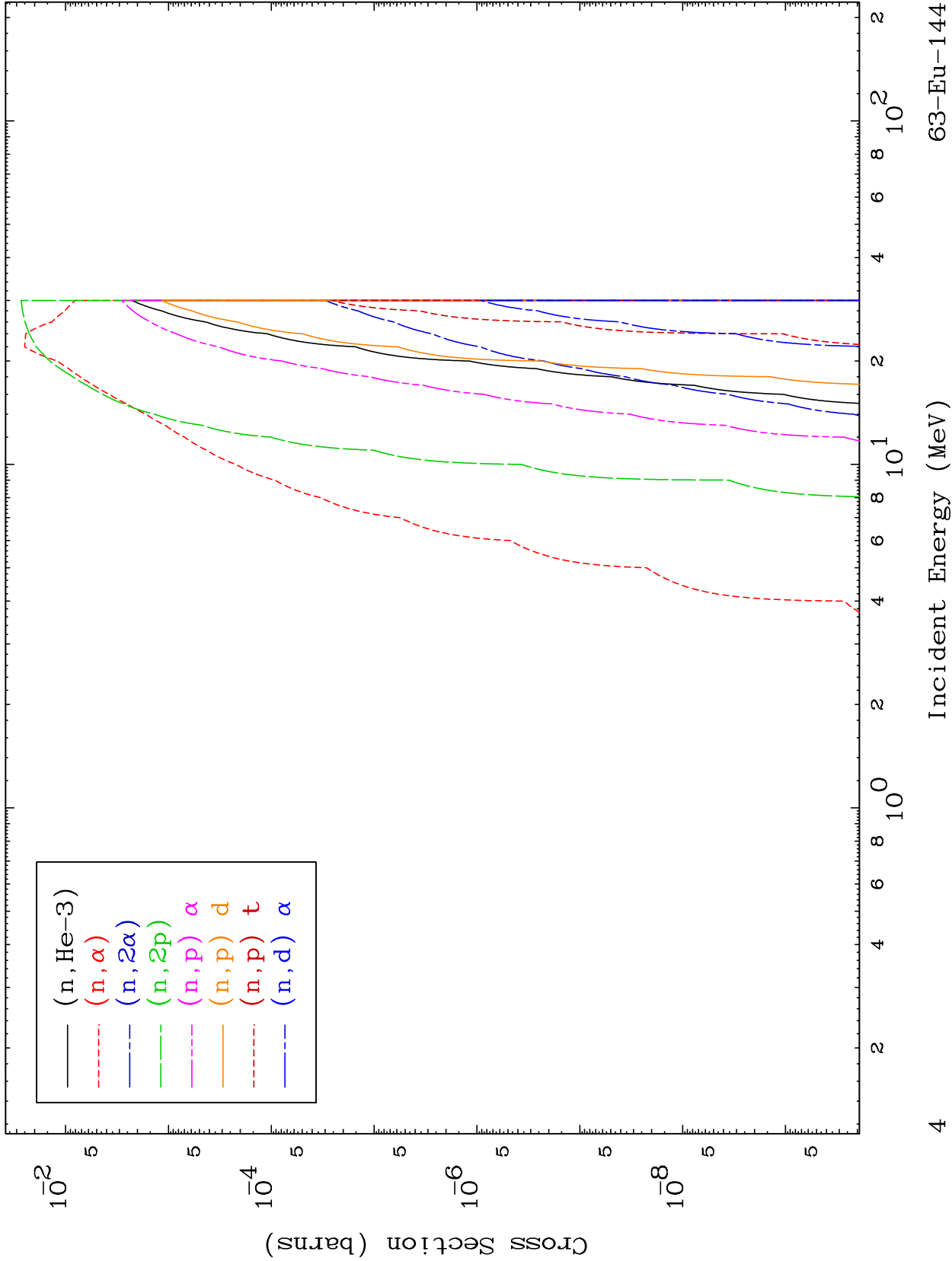


63-Eu-144

Incident Energy (MeV)

2

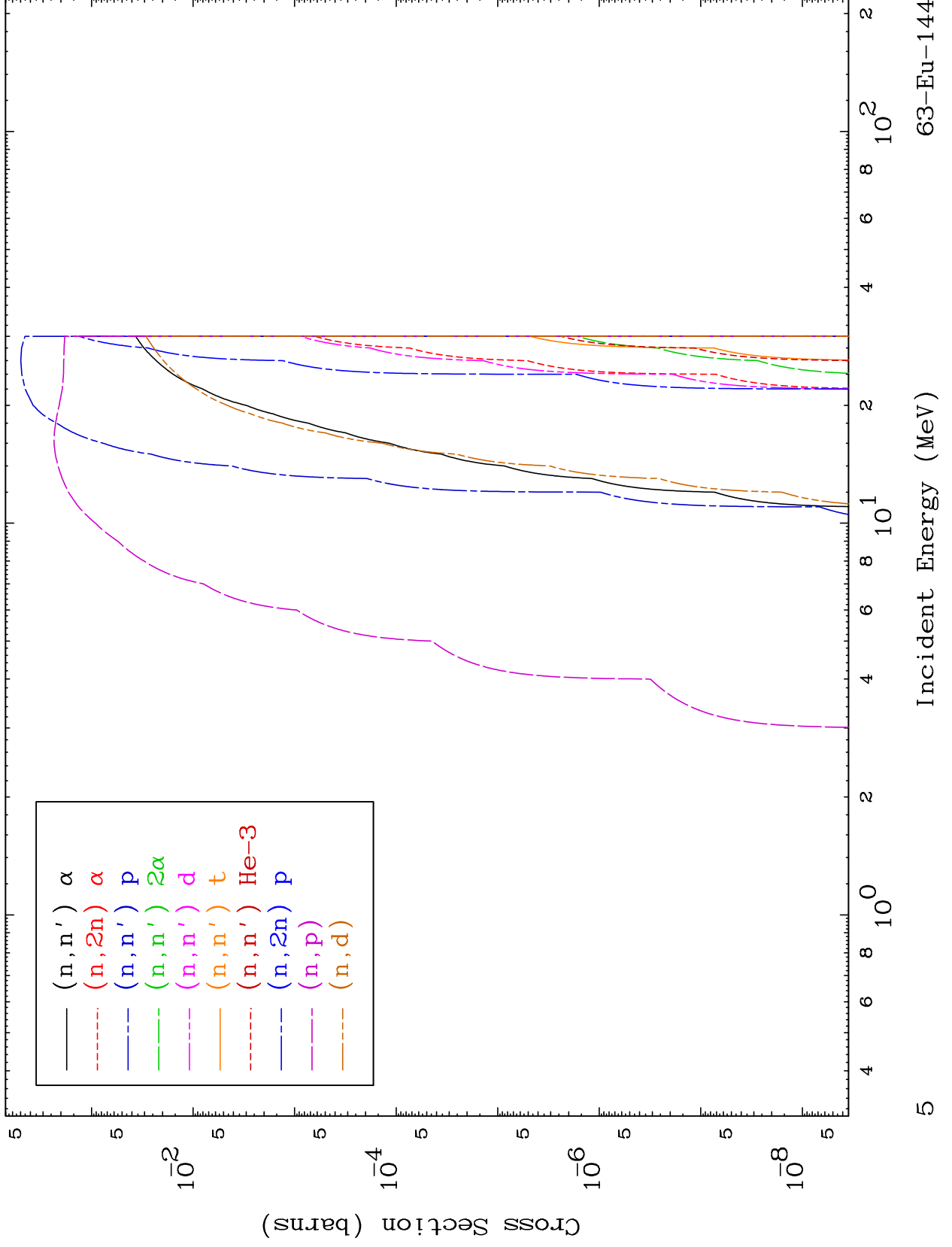




MAT 6304

Proton Charged Particle  
0 Kelvin Cross Sections

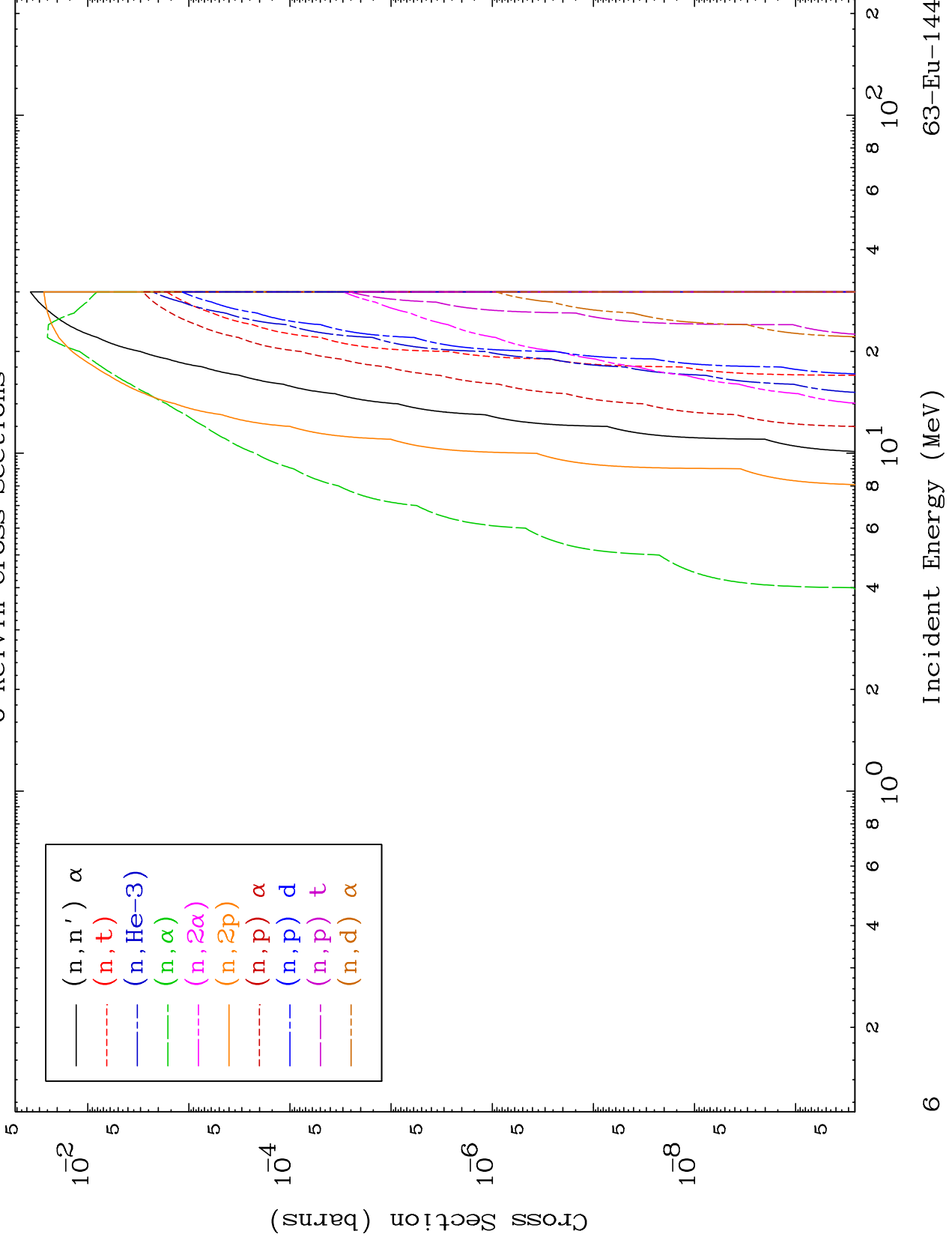
63-Eu-144



MAT 6304

Proton Charged Particle  
0 Kelvin Cross Sections

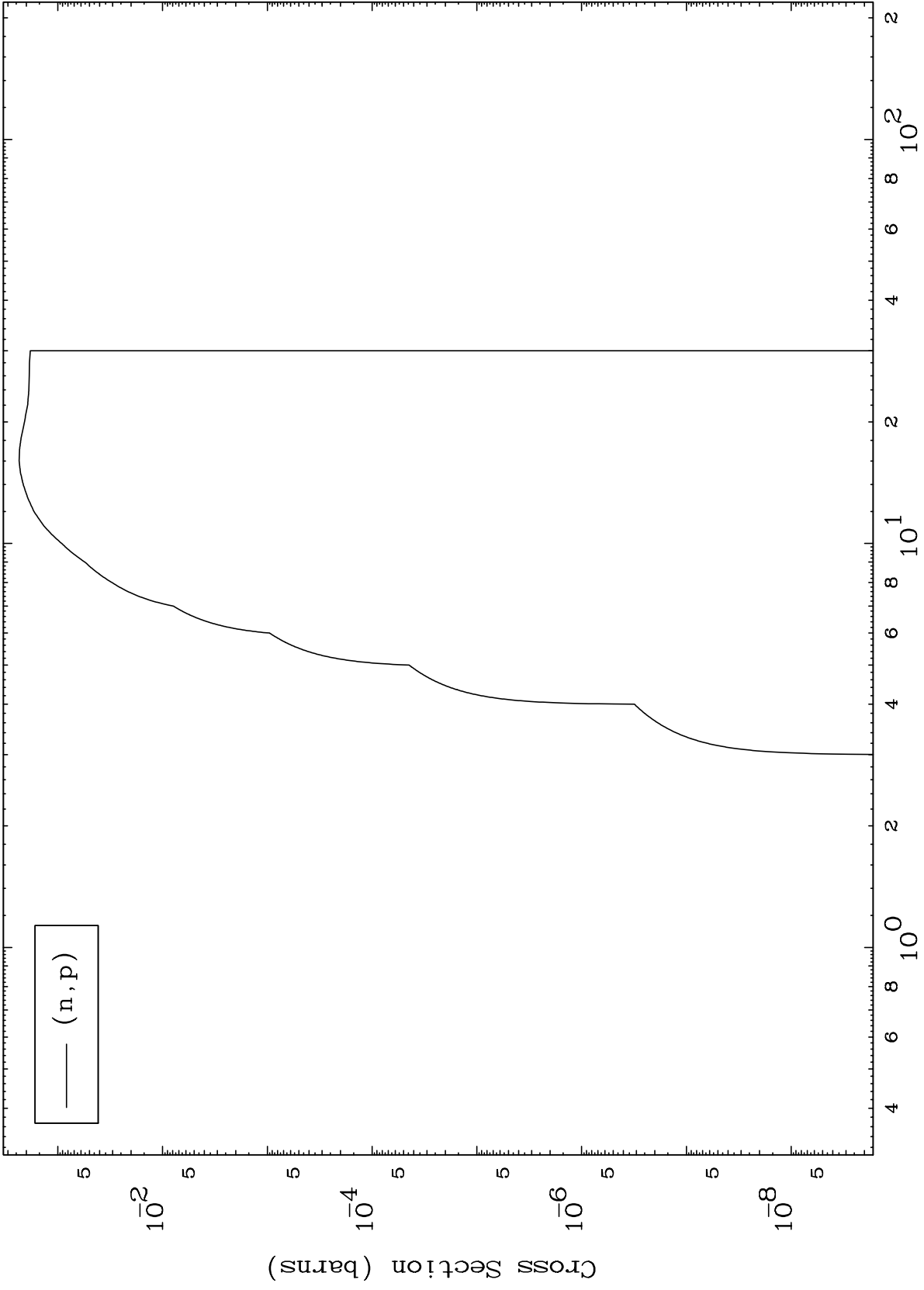
63-Eu-144



MAT 6304

63-Eu-144

(p,p) Levels  
0 Kelvin Cross Sections

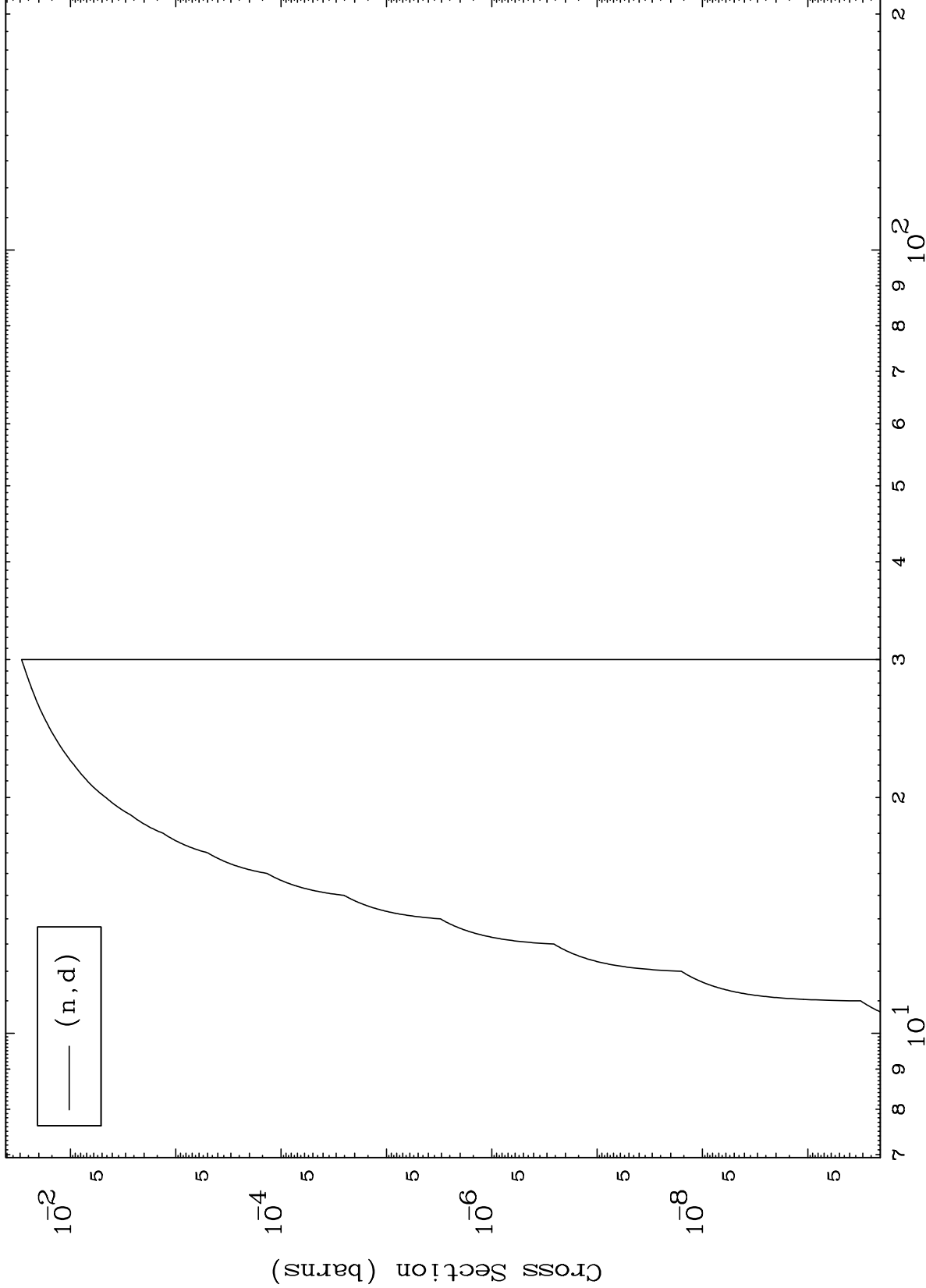




MAT 6304

(p,d) Levels  
0 Kelvin Cross Sections

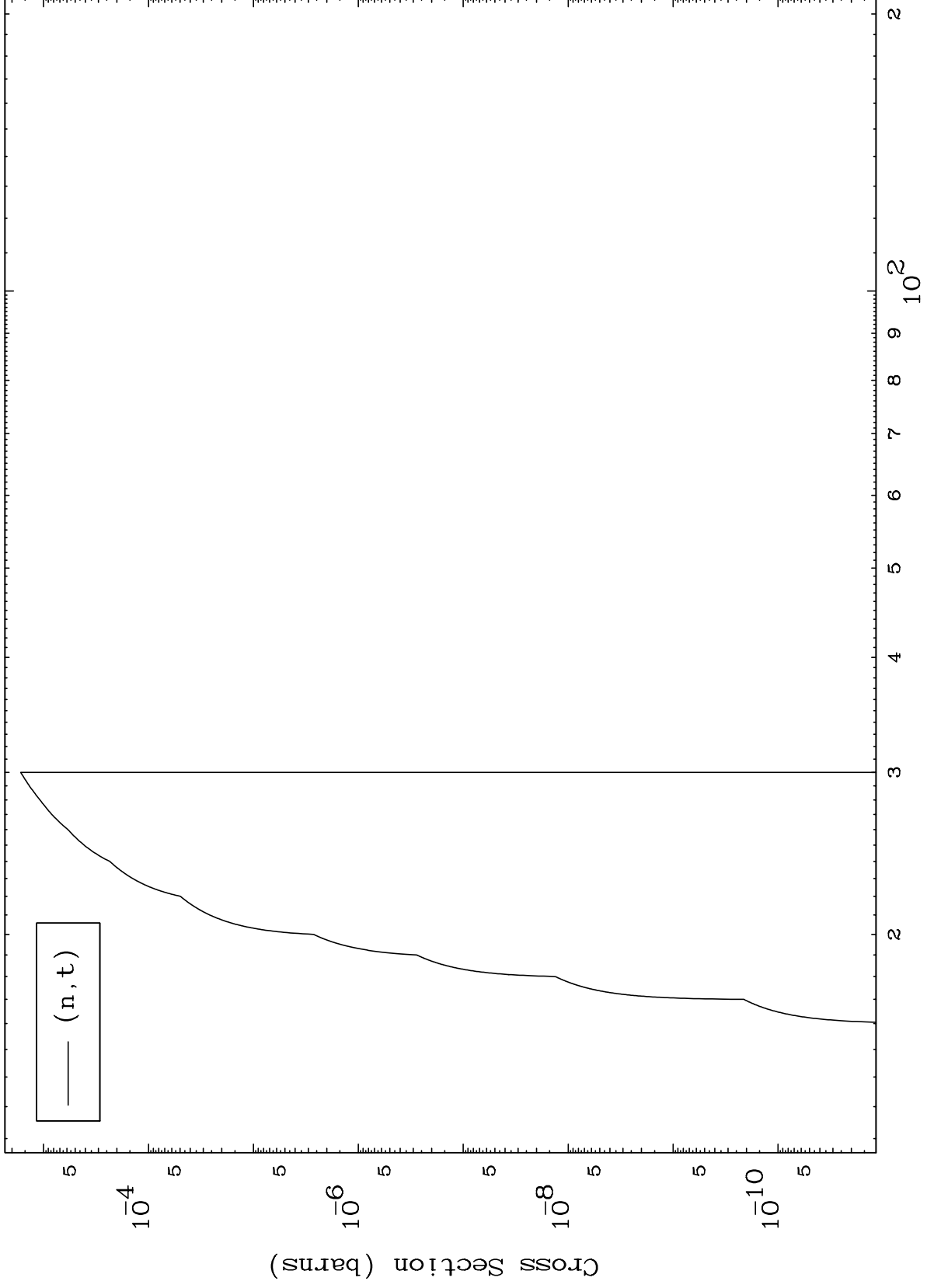
63-Eu-144



8

Incident Energy (MeV)

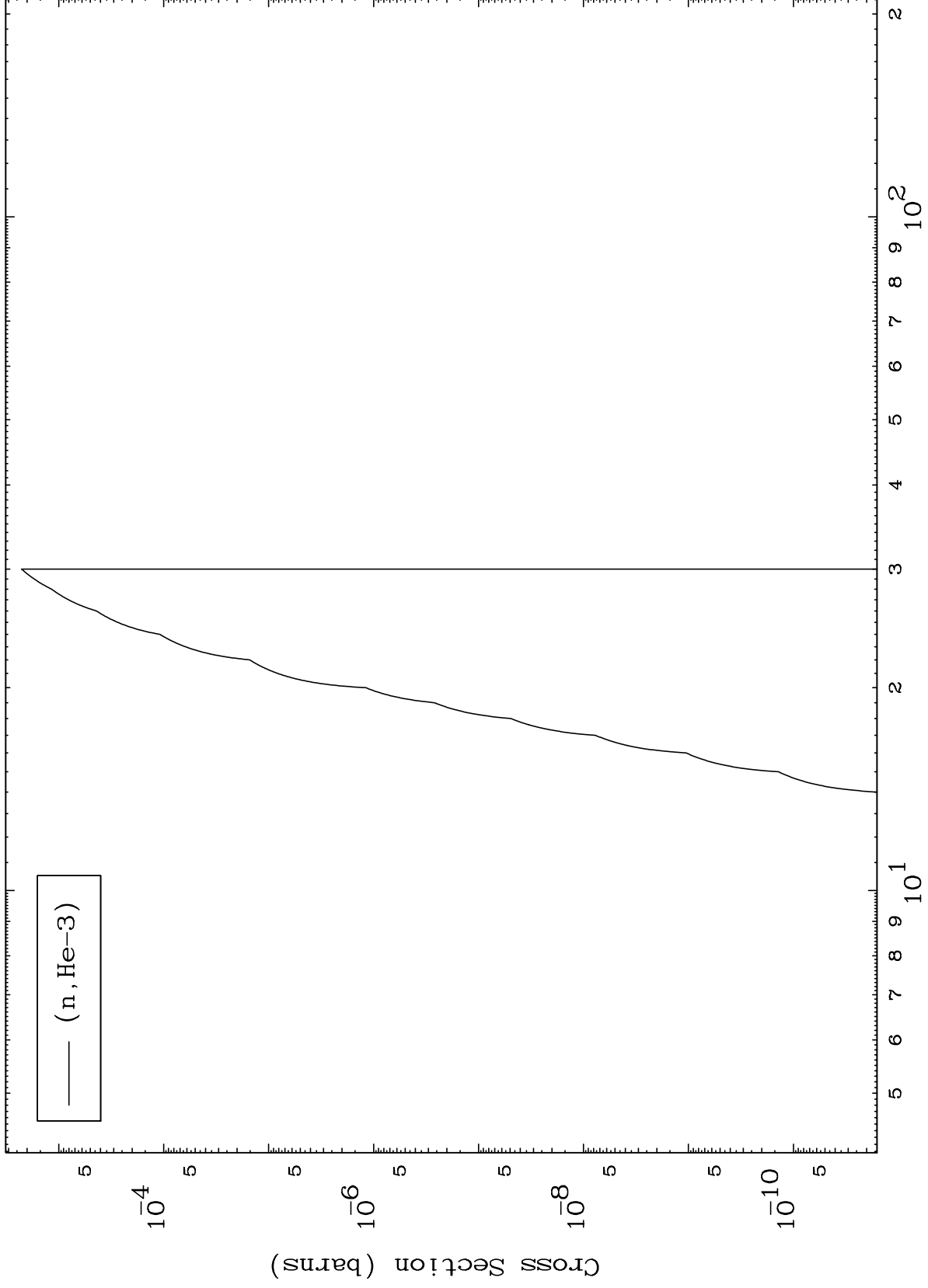
63-Eu-144



MAT 6304

(p,He3) Levels  
0 Kelvin Cross Sections

63-Eu-144



10

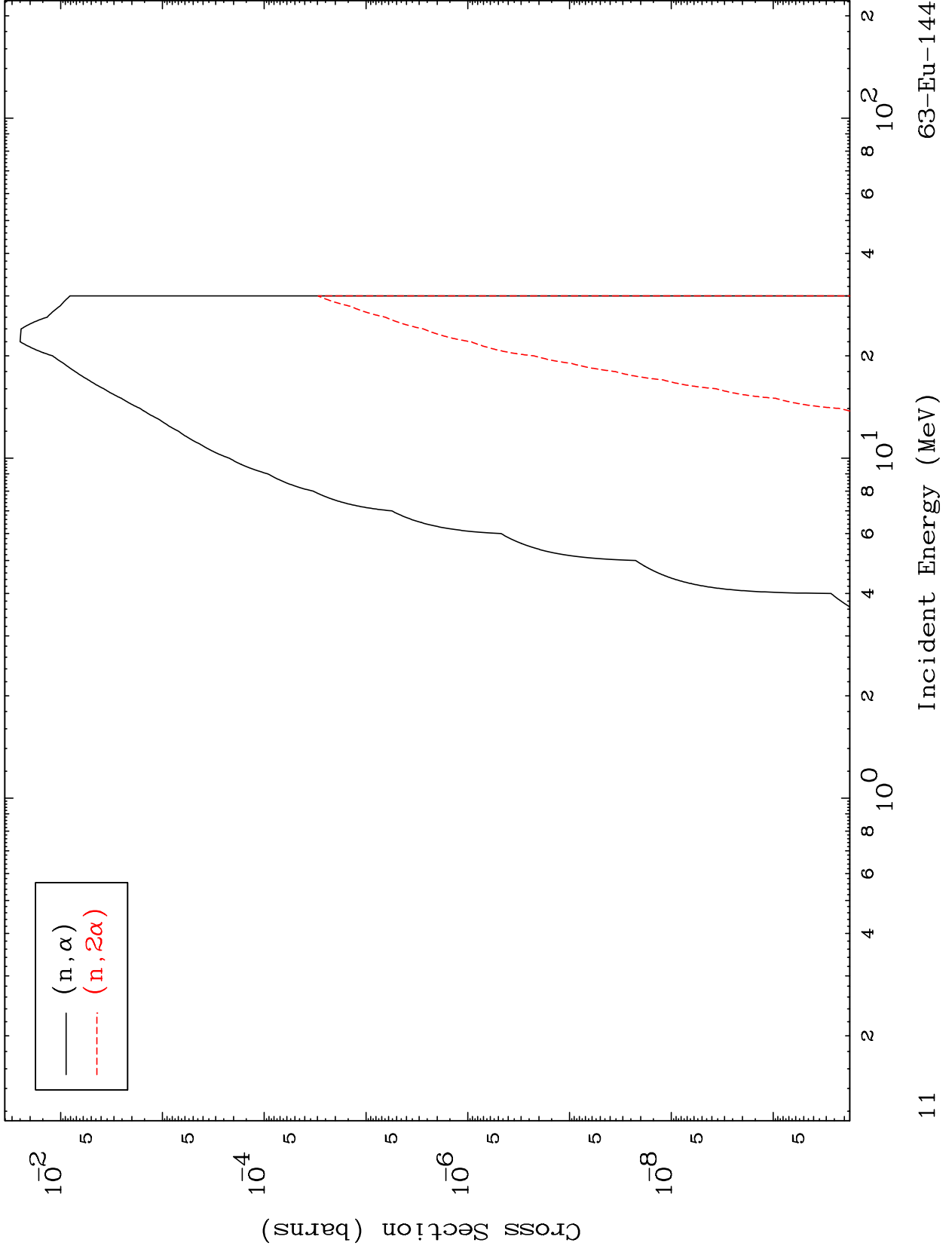
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144

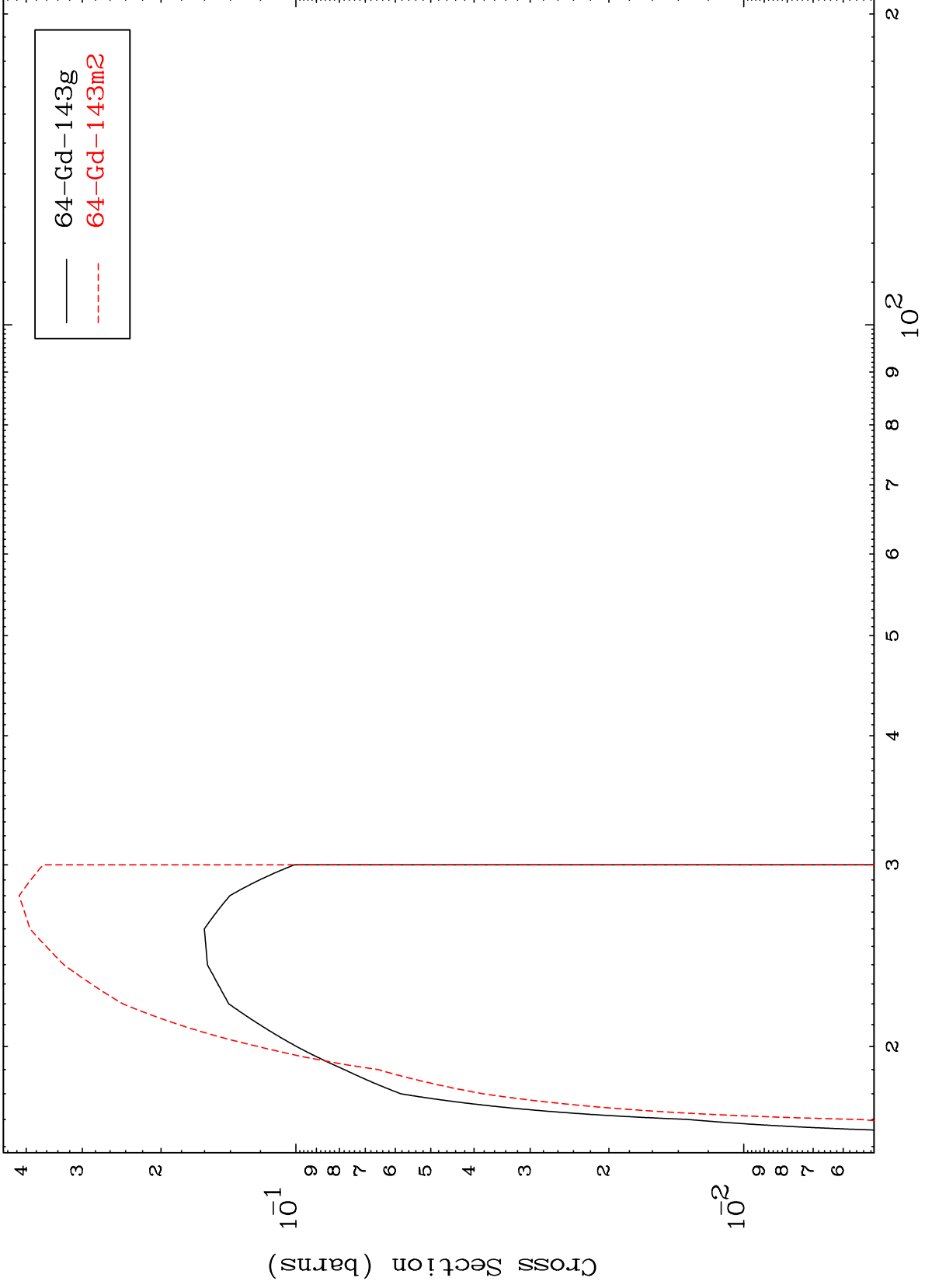


MAT 6304

(n,2n)

63-Eu-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

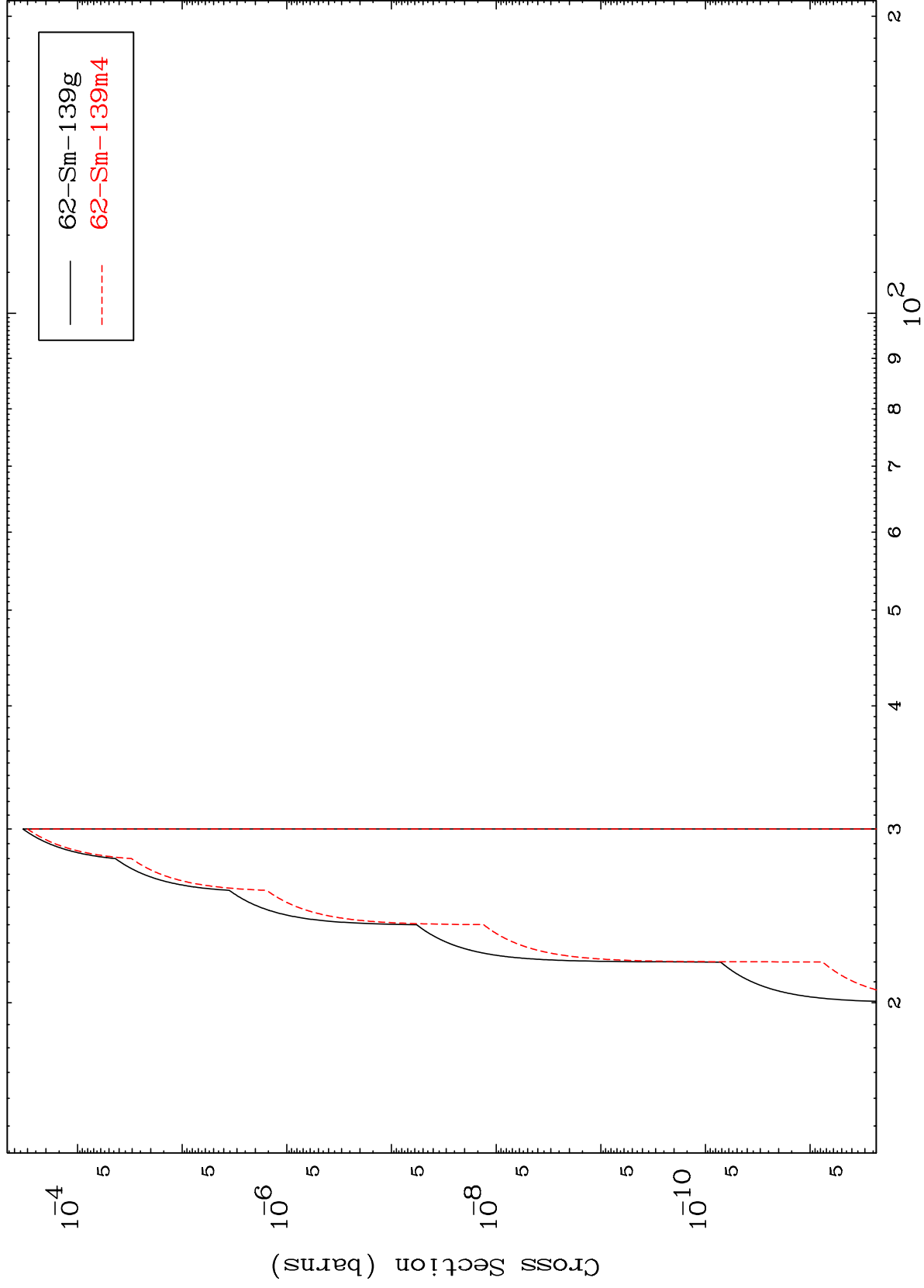
63-Eu-144

MAT 6304

$(n,2n) \alpha$

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

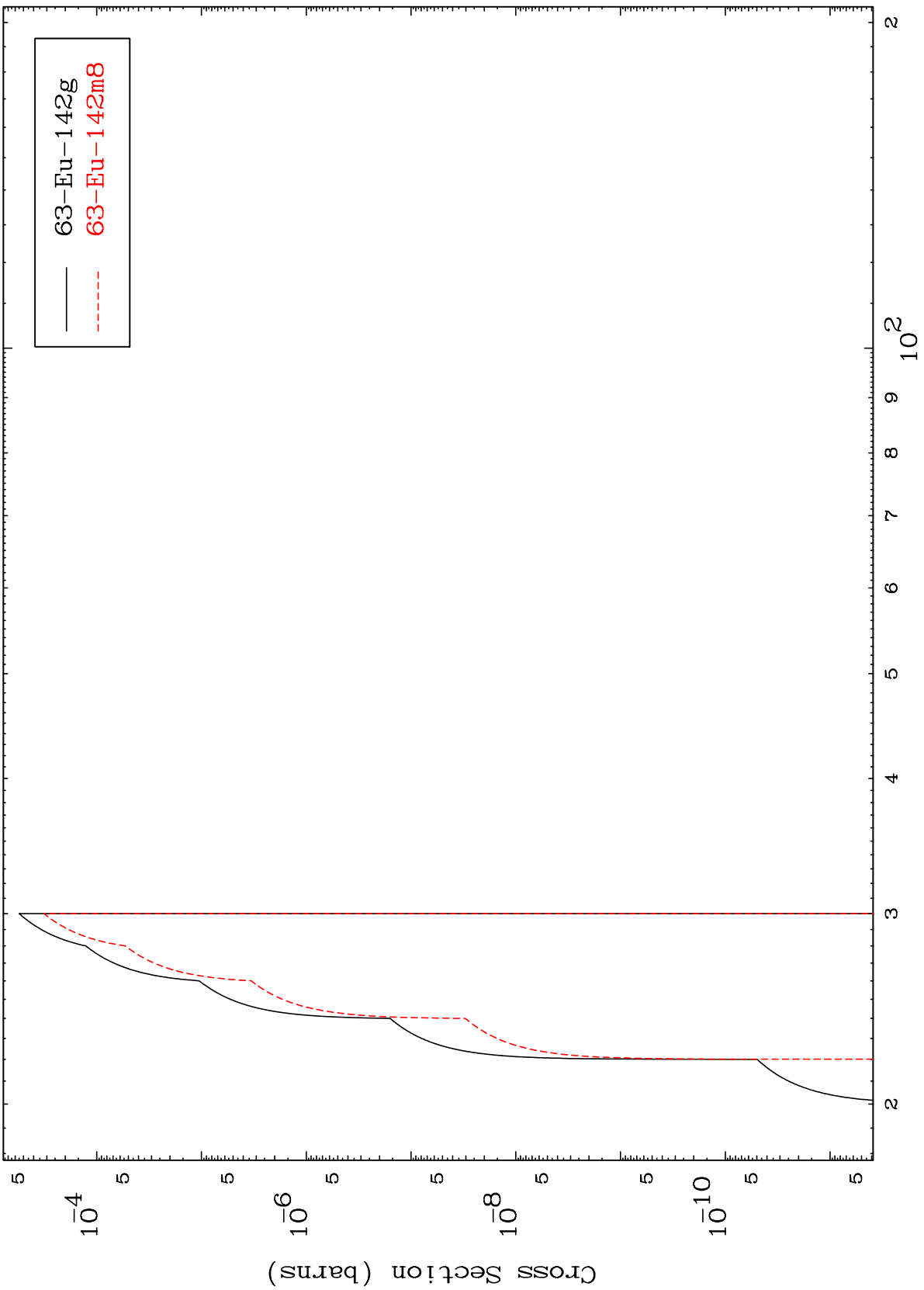
63-Eu-144

MAT 6304

(n,n') d

63-Eu-144

Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m8

14

Incident Energy (MeV)

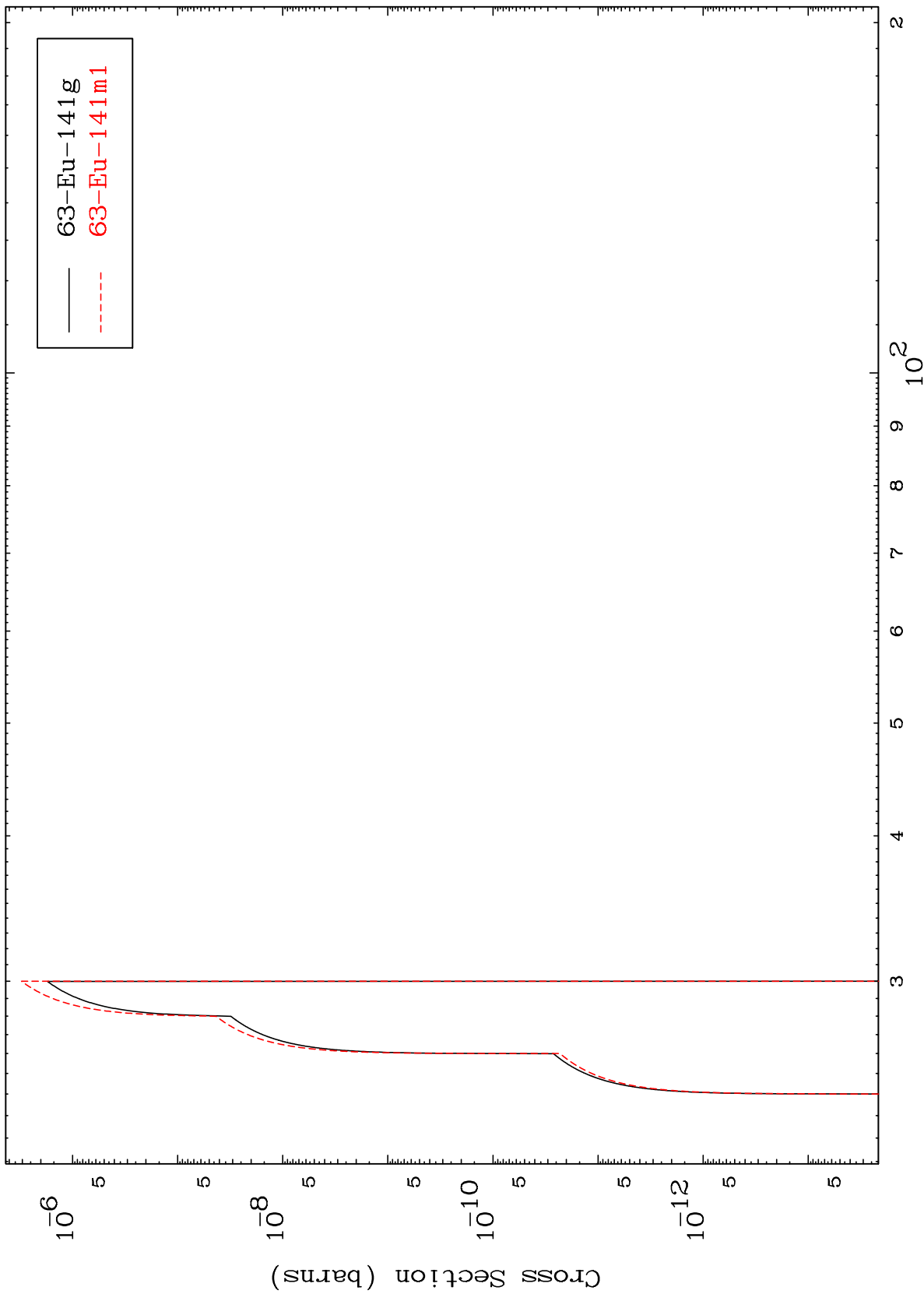
63-Eu-144

MAT 6304

(n,n') t

63-Eu-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

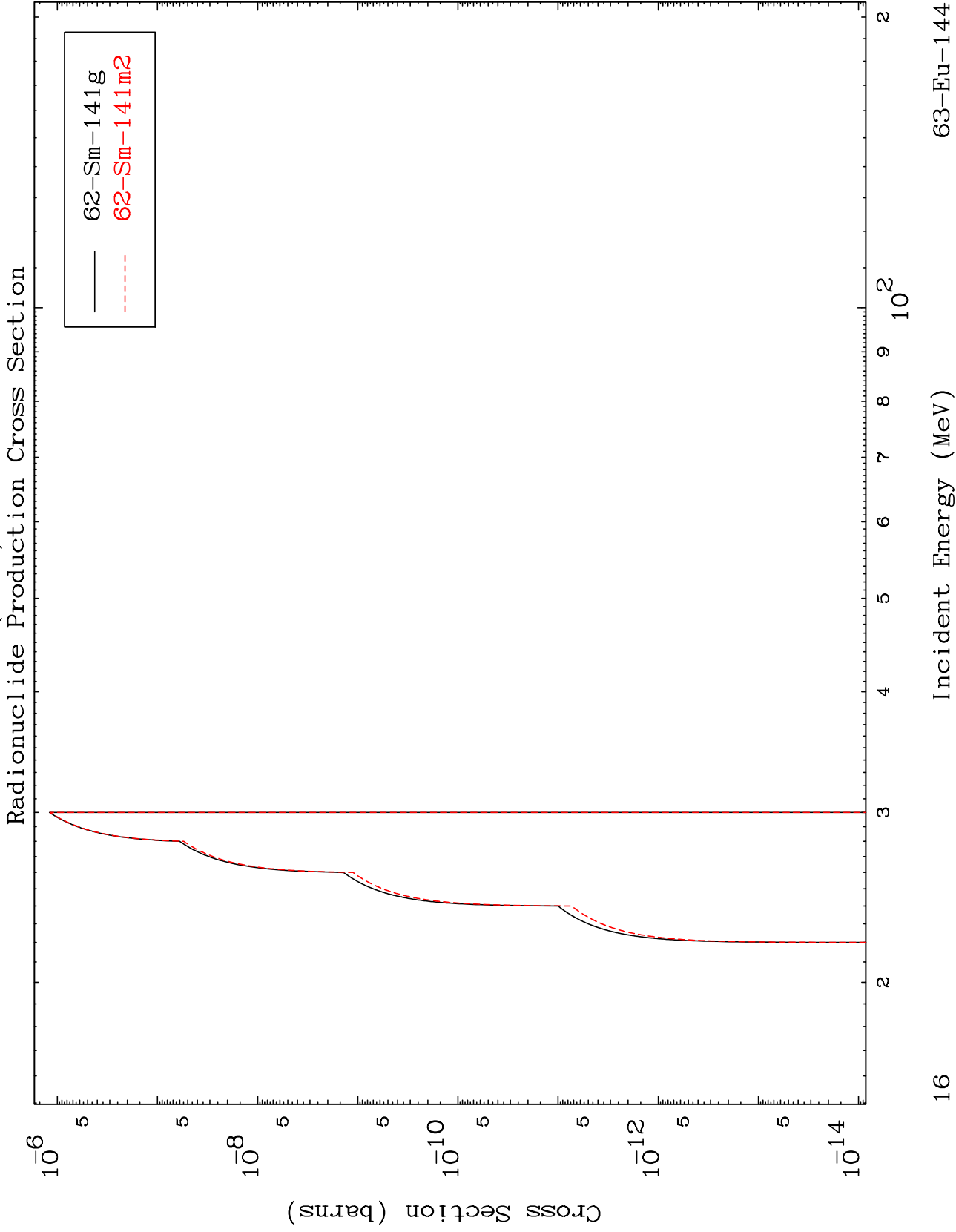
63-Eu-144



MAT 6304

(n,n') He-3

63-Eu-144

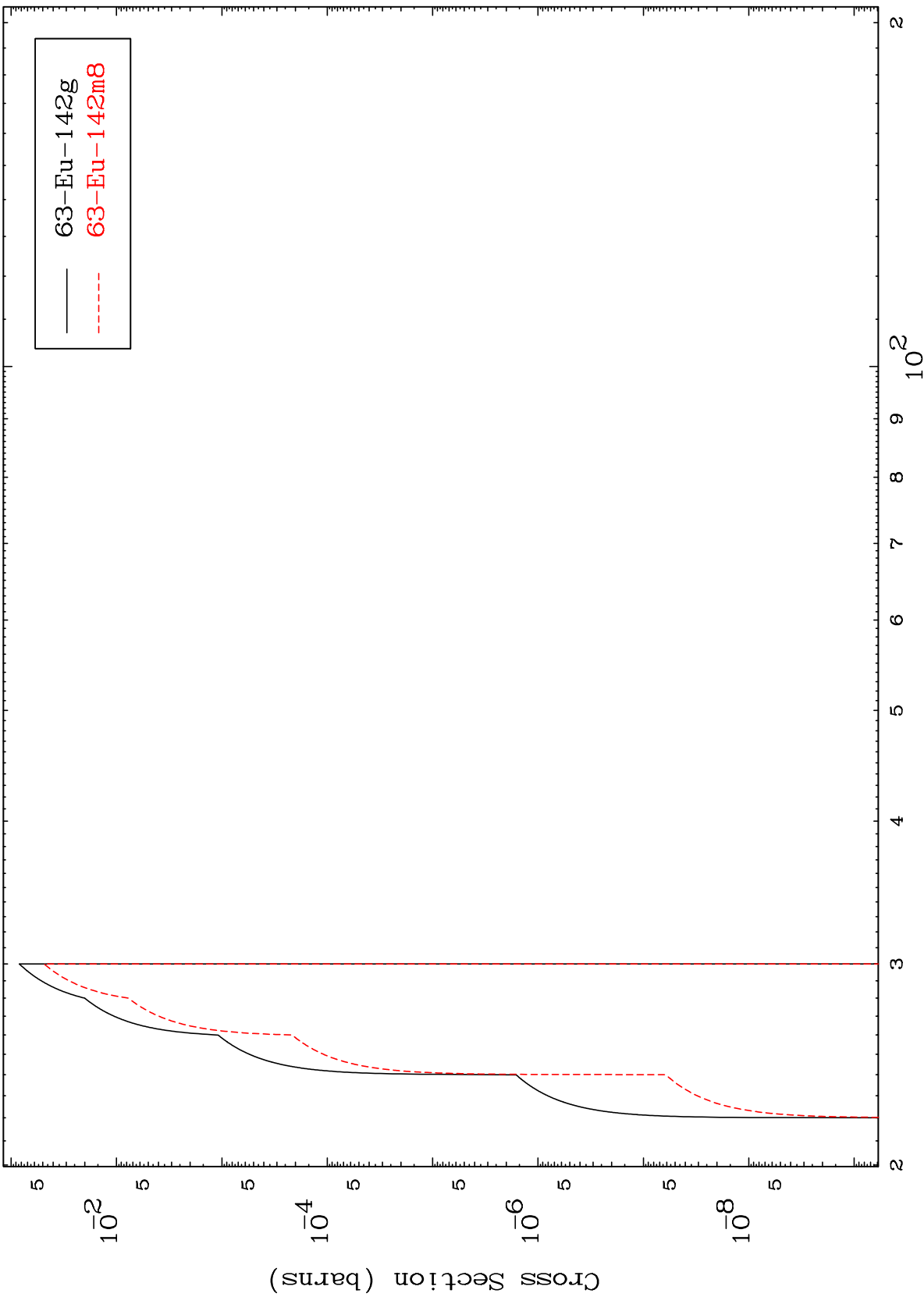


MAT 6304

(n,2n) p

63-Eu-144

Radionuclide Production Cross Section



17

Incident Energy (MeV)

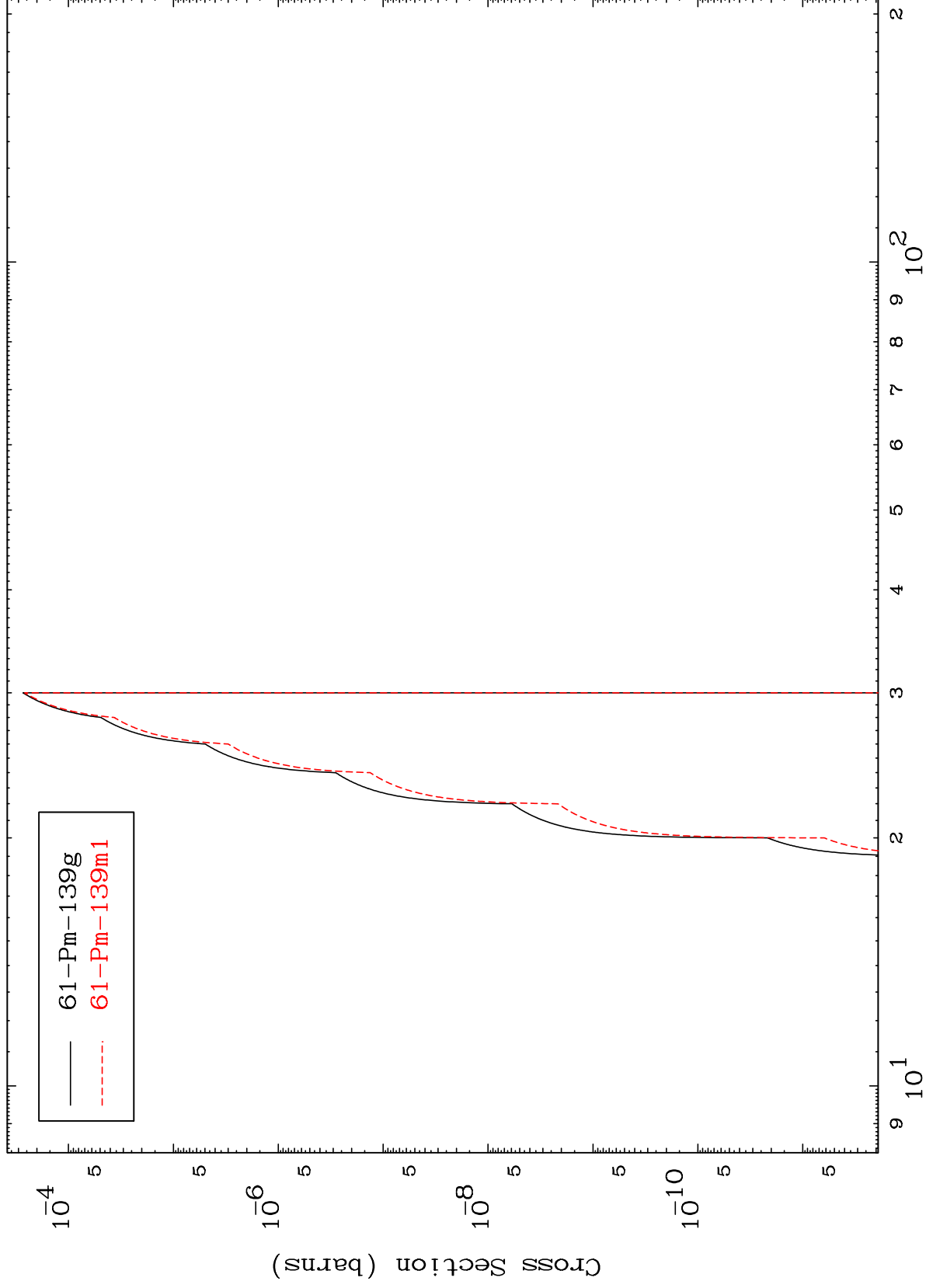
63-Eu-144

MAT 6304

(n,n') p  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



18

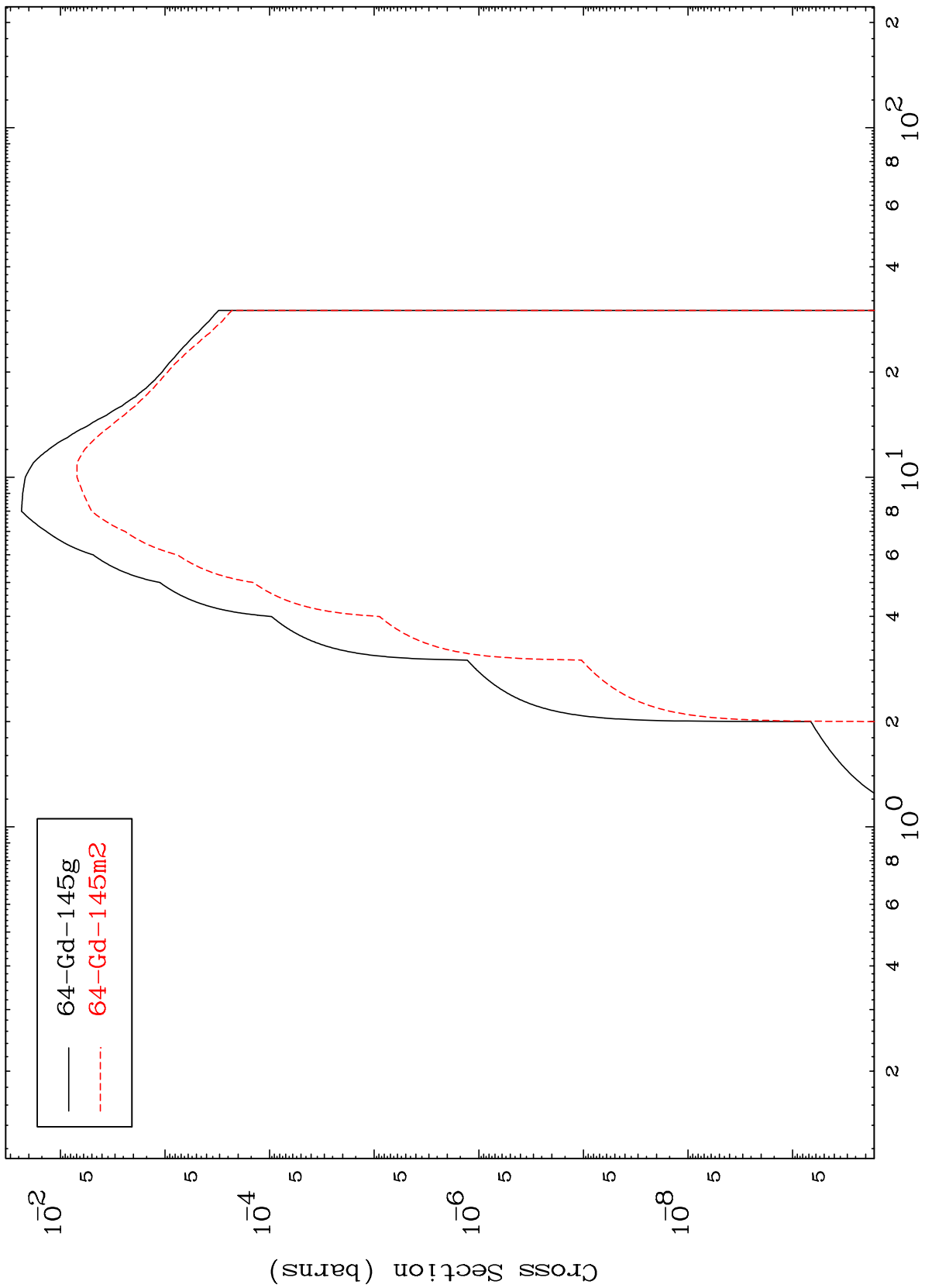
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

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

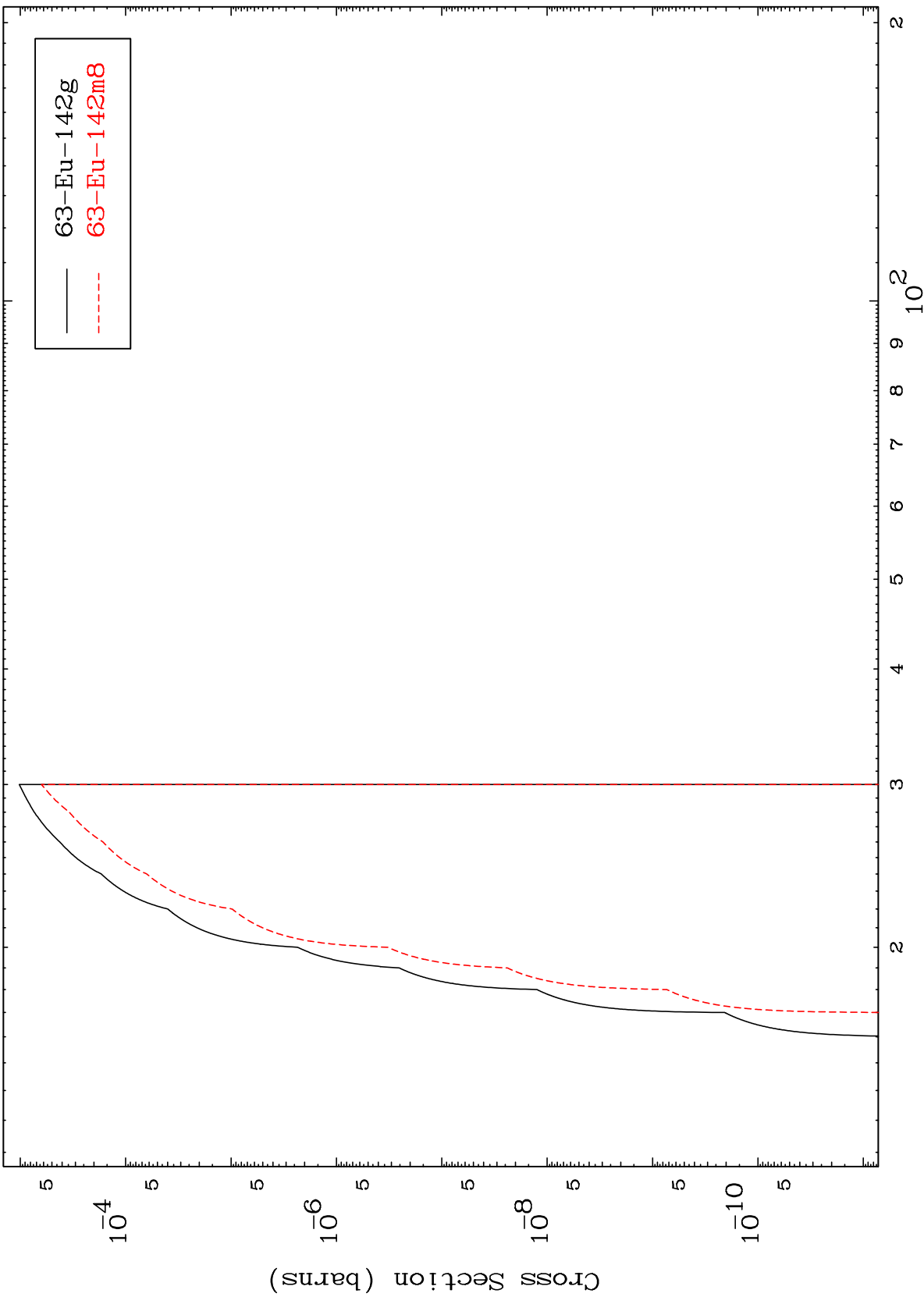


MAT 6304

(n, t)

63-Eu-144

Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m8

20

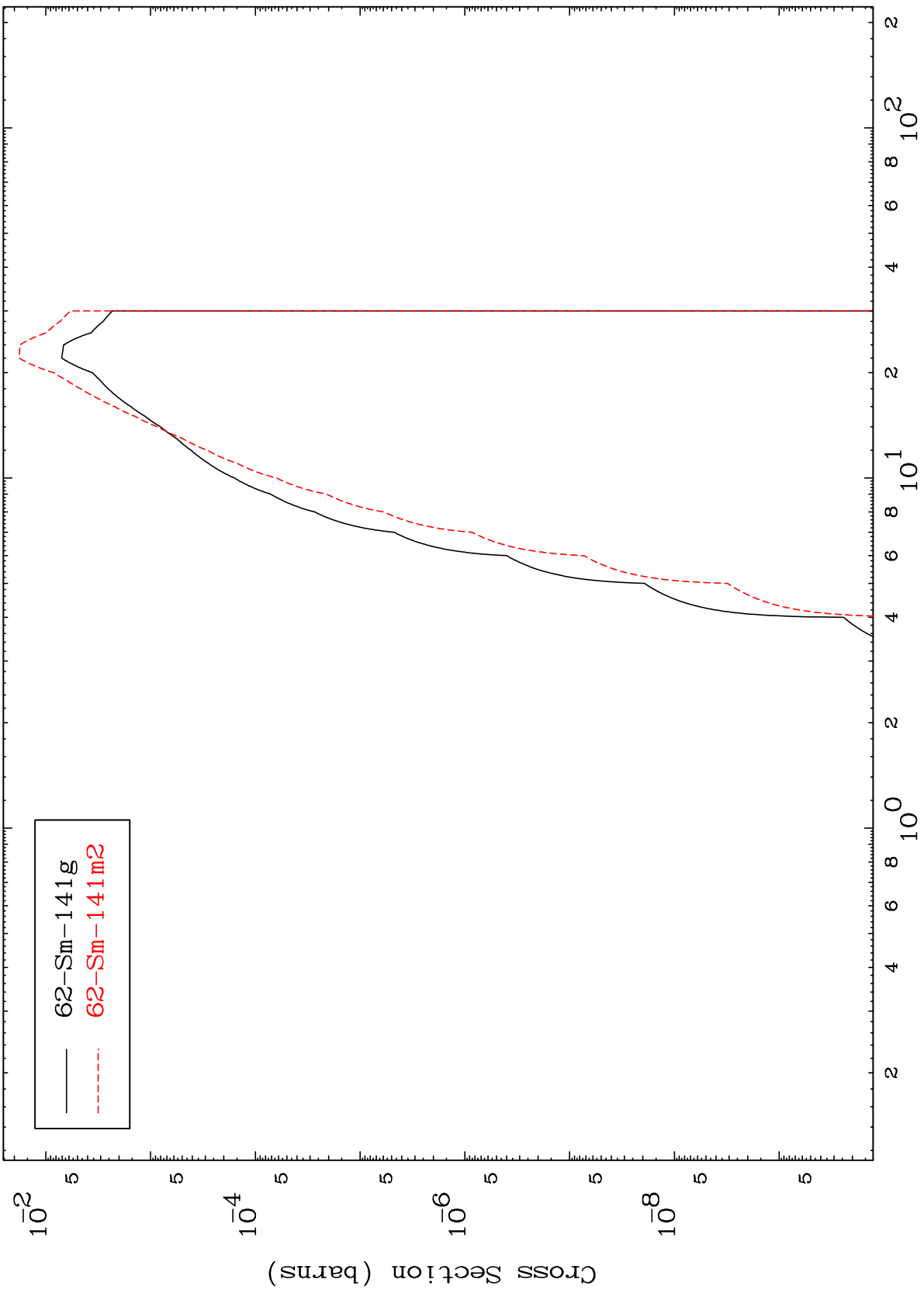
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(n,  $\alpha$ )  
Radionuclide Production Cross Section



63-Eu-144

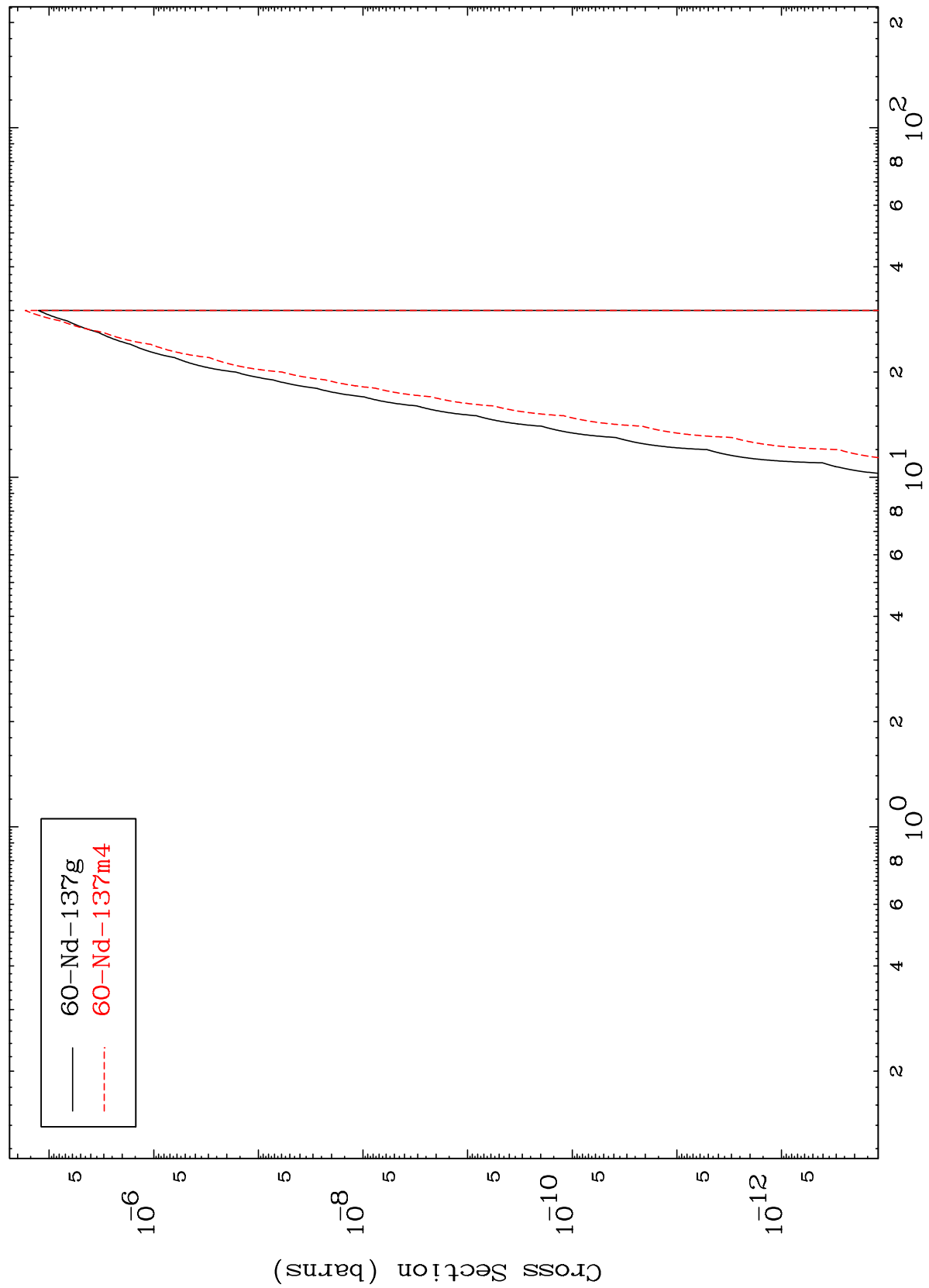
Incident Energy (MeV)

MAT 6304

(n,2α)

63-Eu-144

Radionuclide Production Cross Section

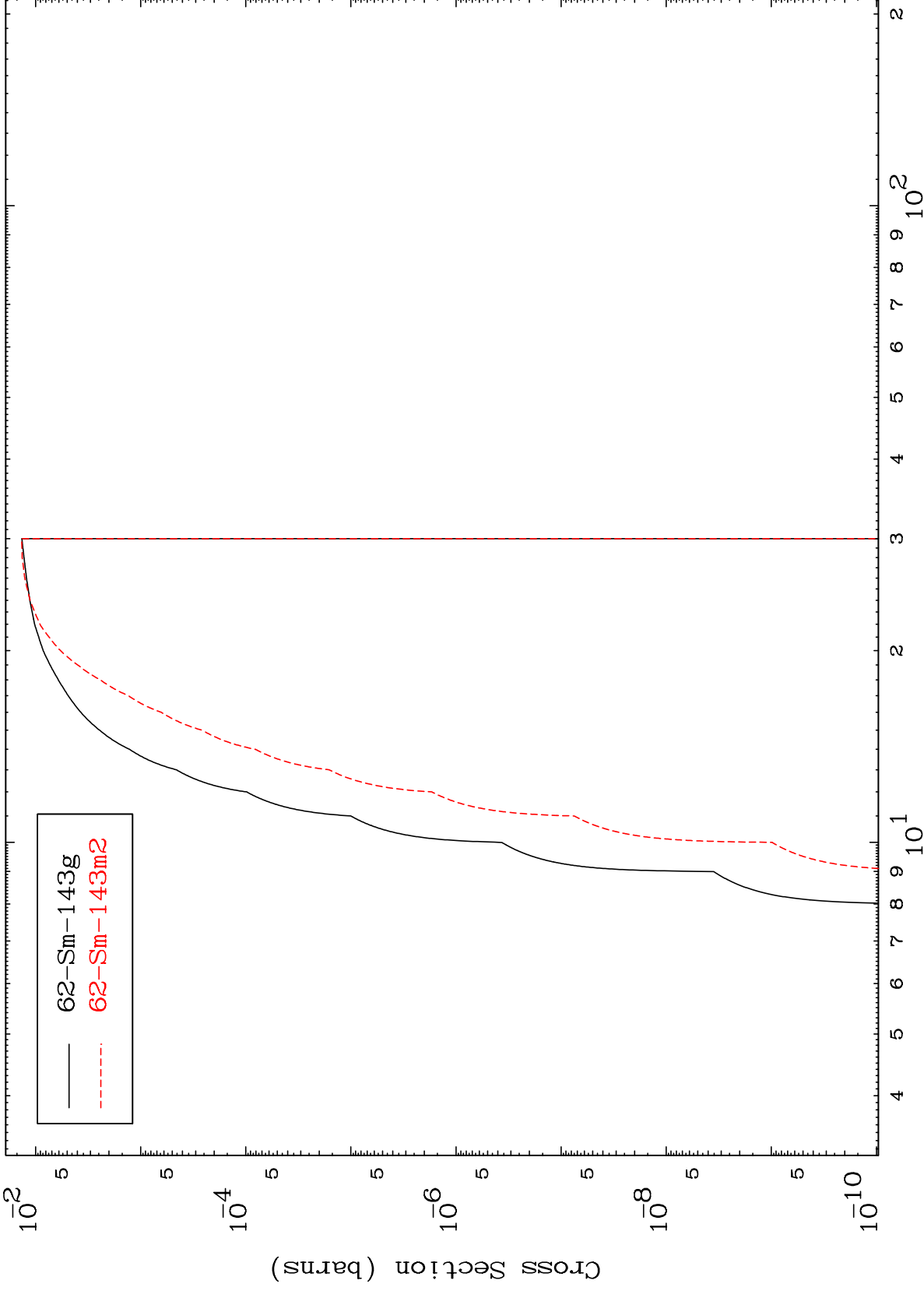


60-Nd-137g  
60-Nd-137m4

MAT 6304

63-Eu-144

(n,2p)  
Radionuclide Production Cross Section



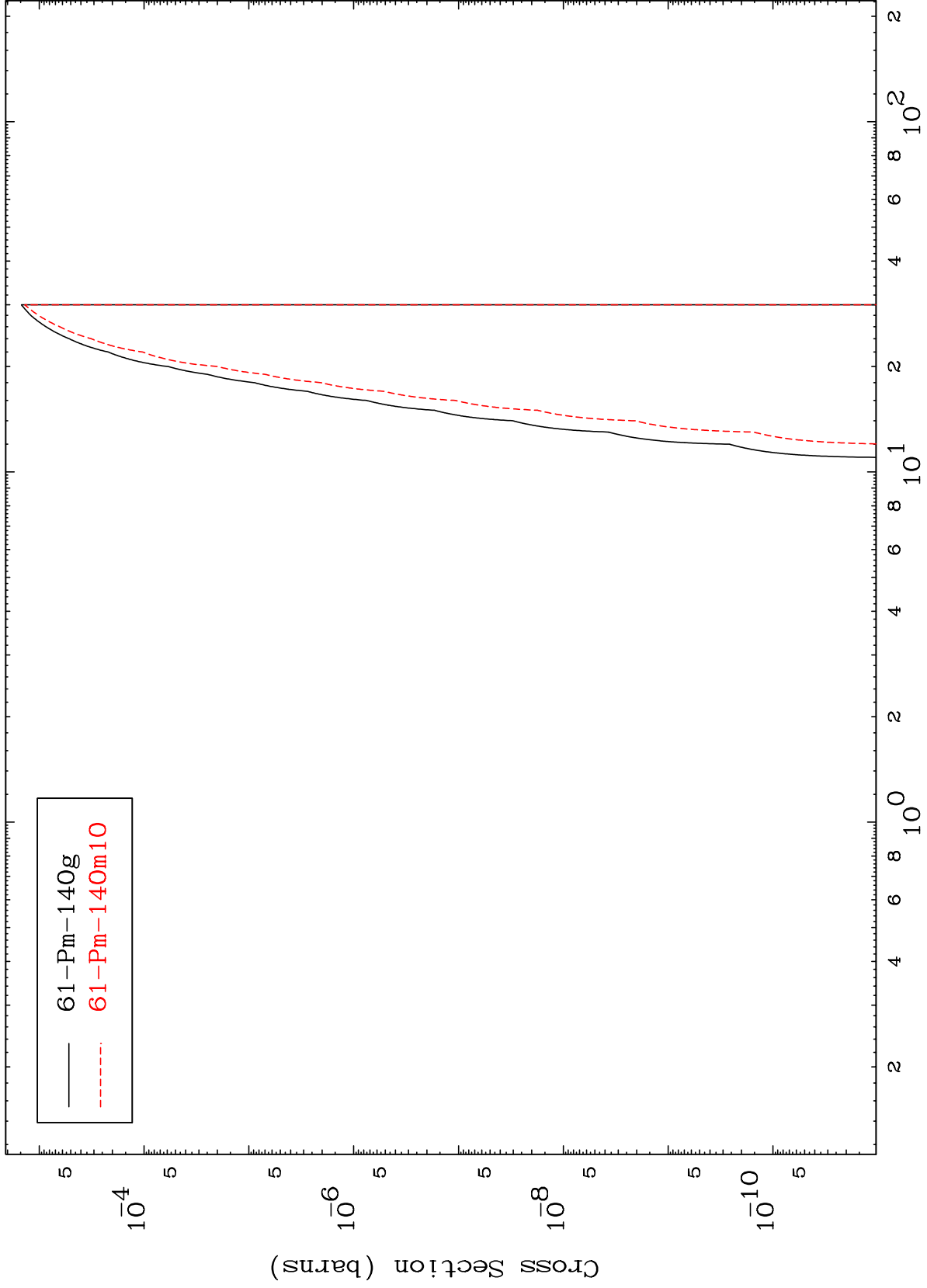


MAT 6304

(n,p)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



24

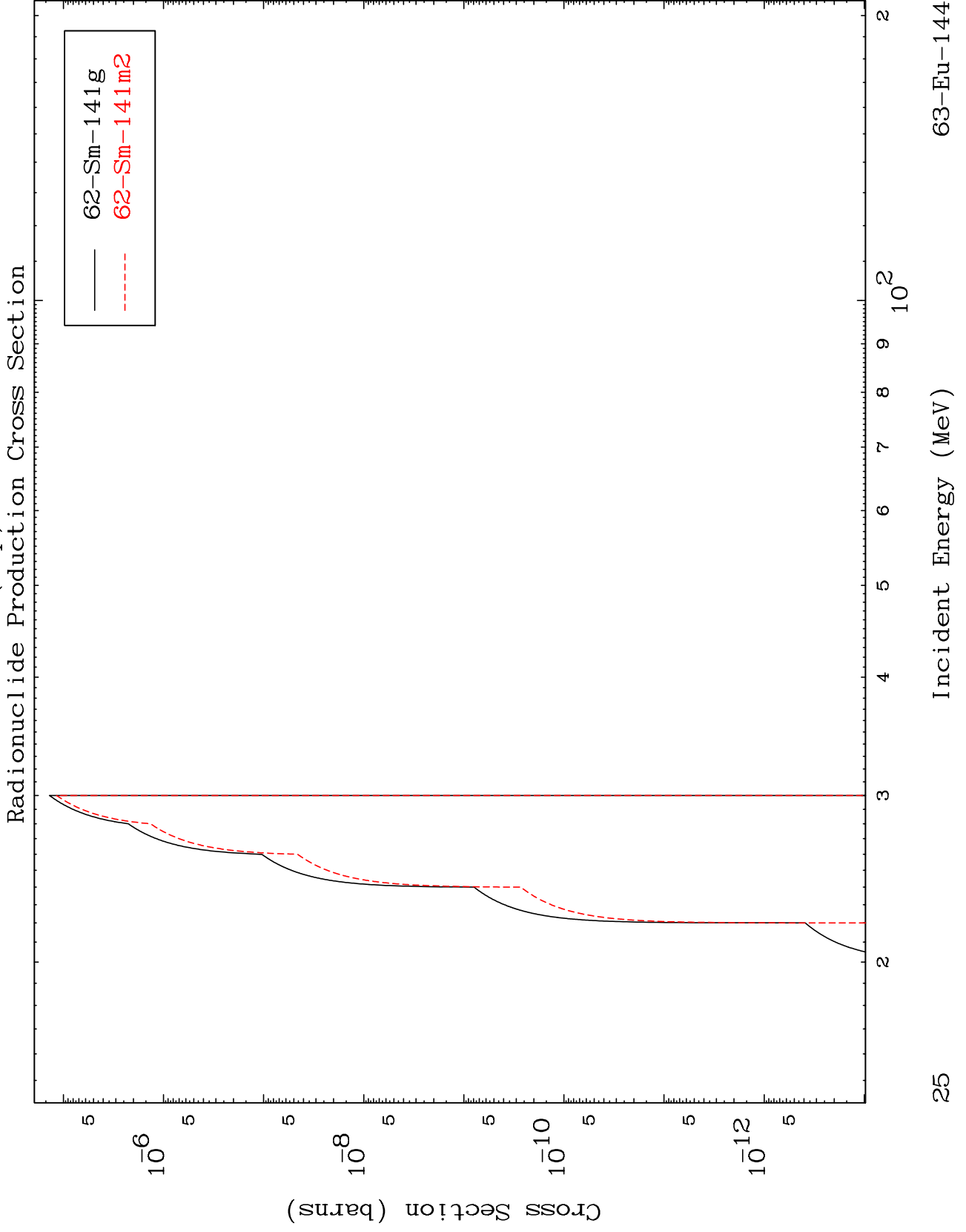
Incident Energy (MeV)

63-Eu-144

MAT 6304

(n,p) t

63-Eu-144



25

Incident Energy (MeV)

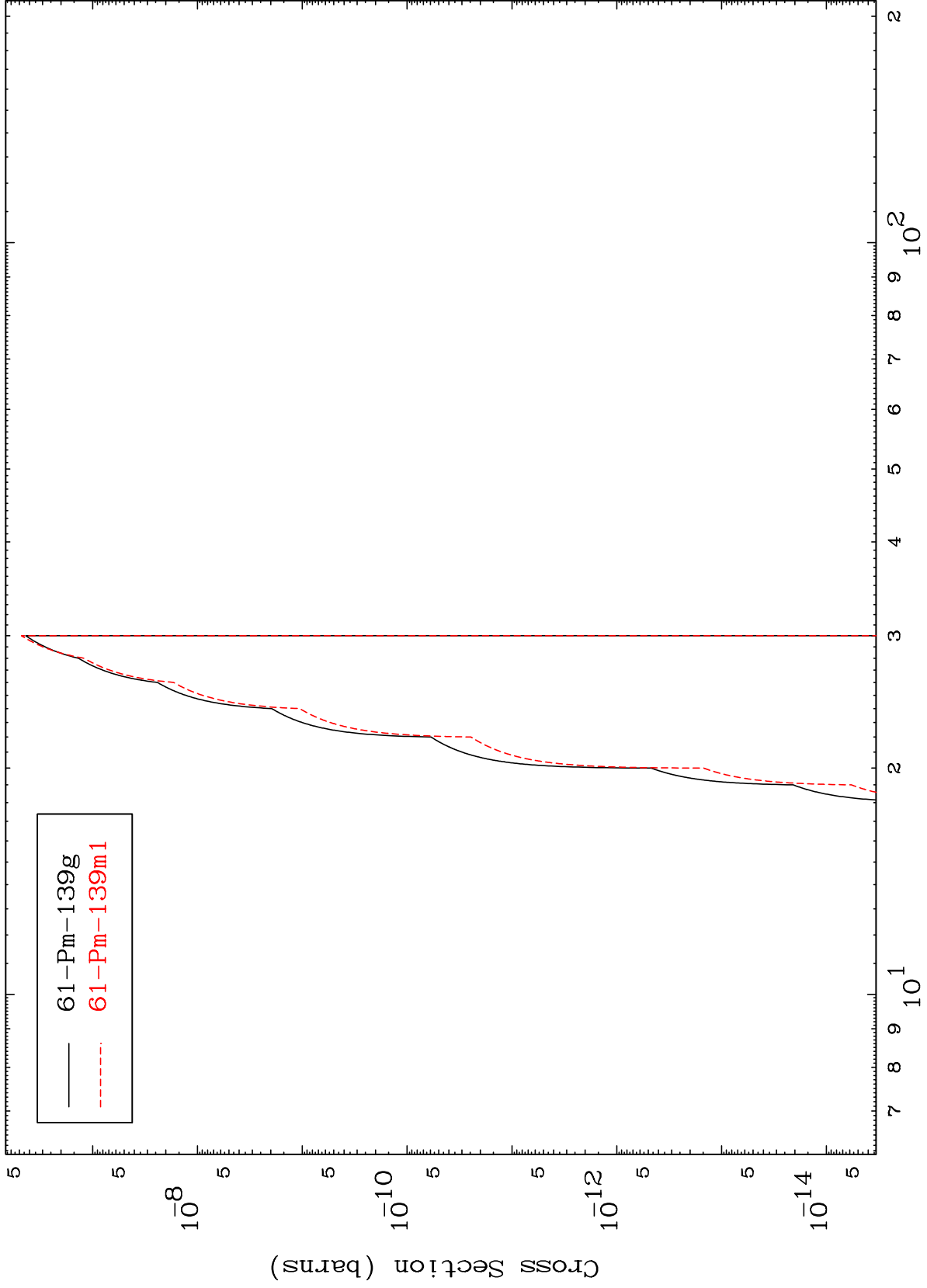
63-Eu-144

MAT 6304

(n,d)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



26

Incident Energy (MeV)

63-Eu-144