

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

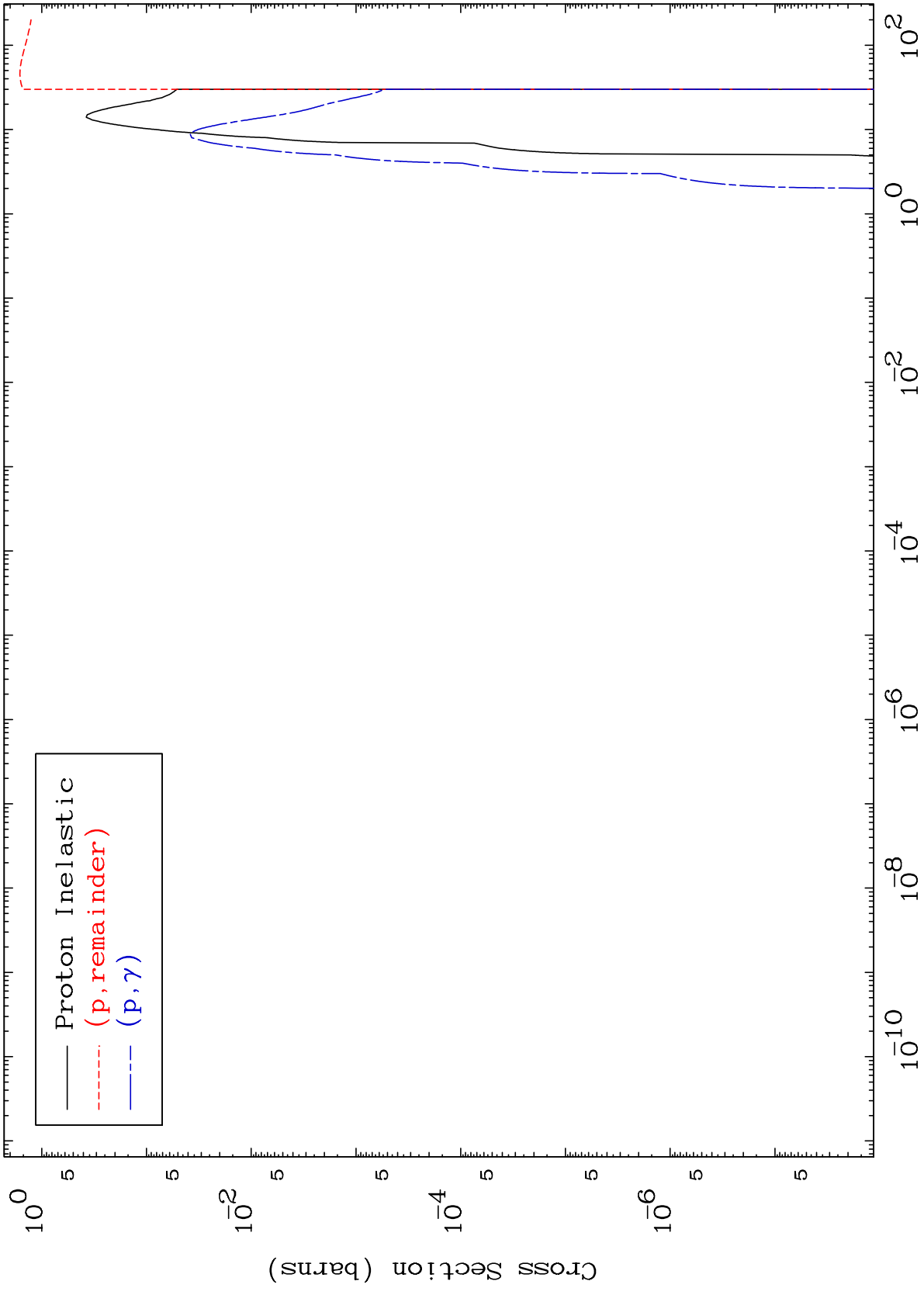
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6299

Proton Major  
0 Kelvin Cross Sections

63-Eu-142

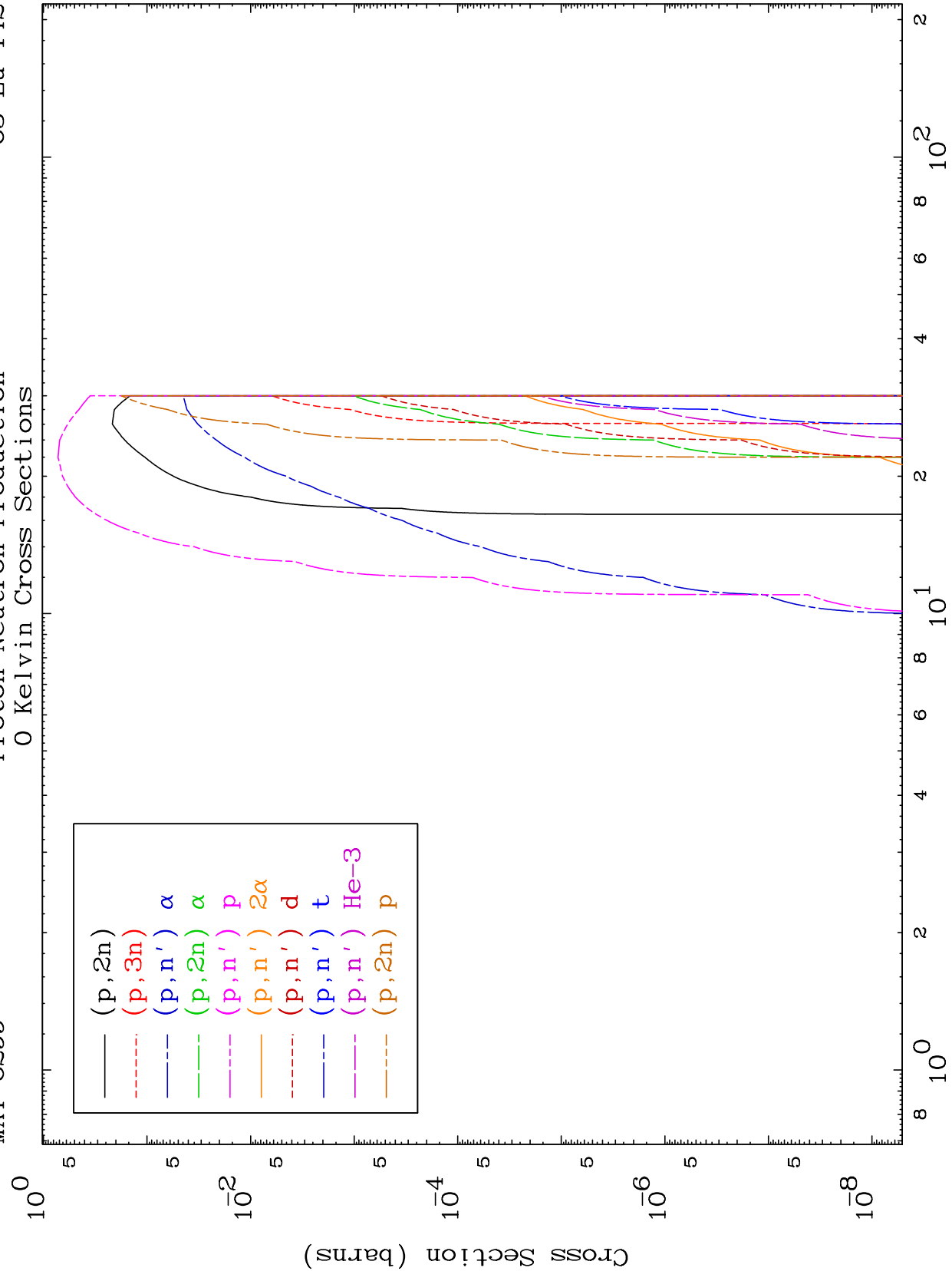


63-Eu-142

MAT 6299

Proton Neutron Production  
0 Kelvin Cross Sections

63-Eu-142



2

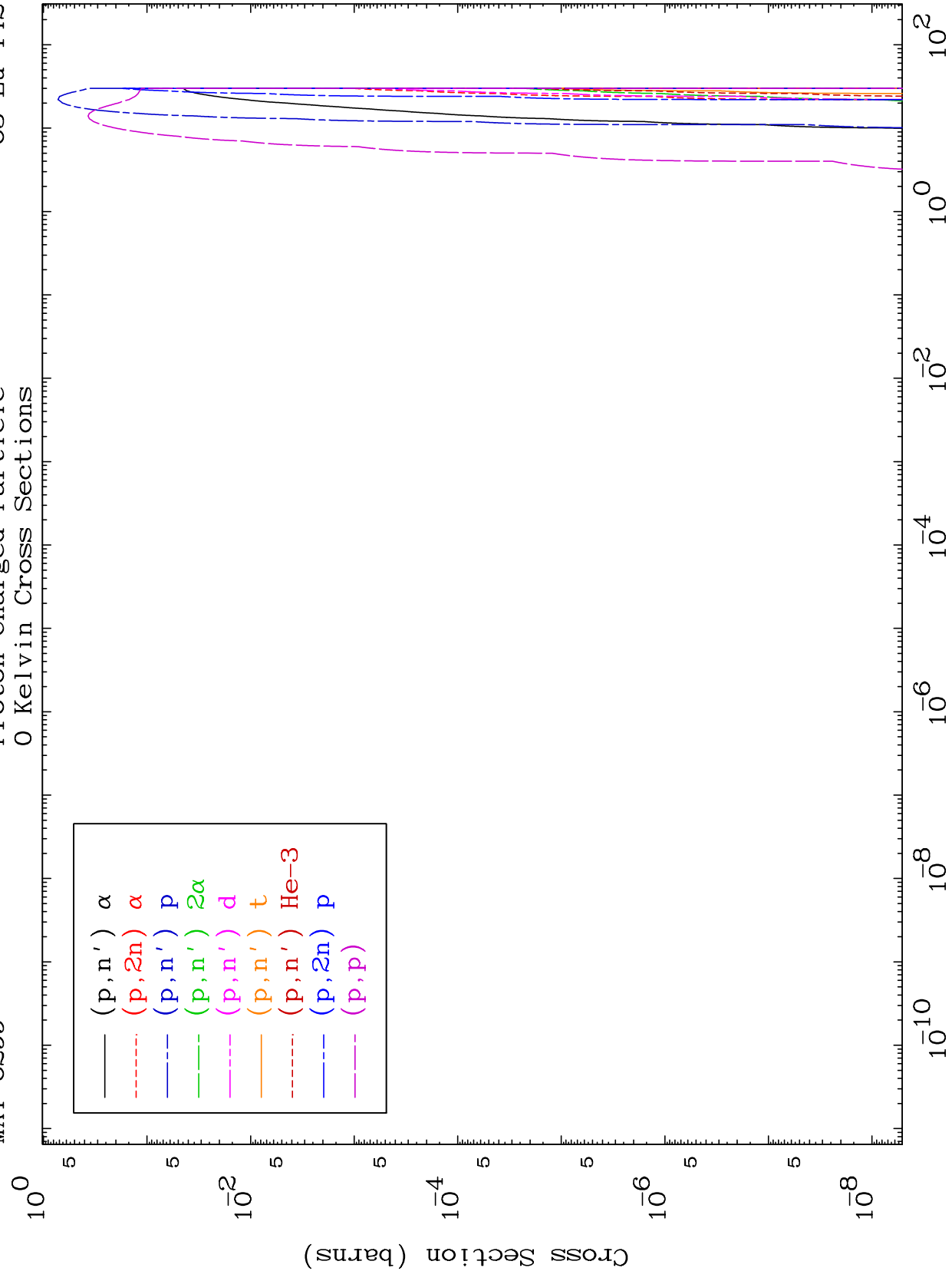
Incident Energy (MeV)

63-Eu-142

MAT 6299

Proton Charged Particle  
0 Kelvin Cross Sections

63-Eu-142



3

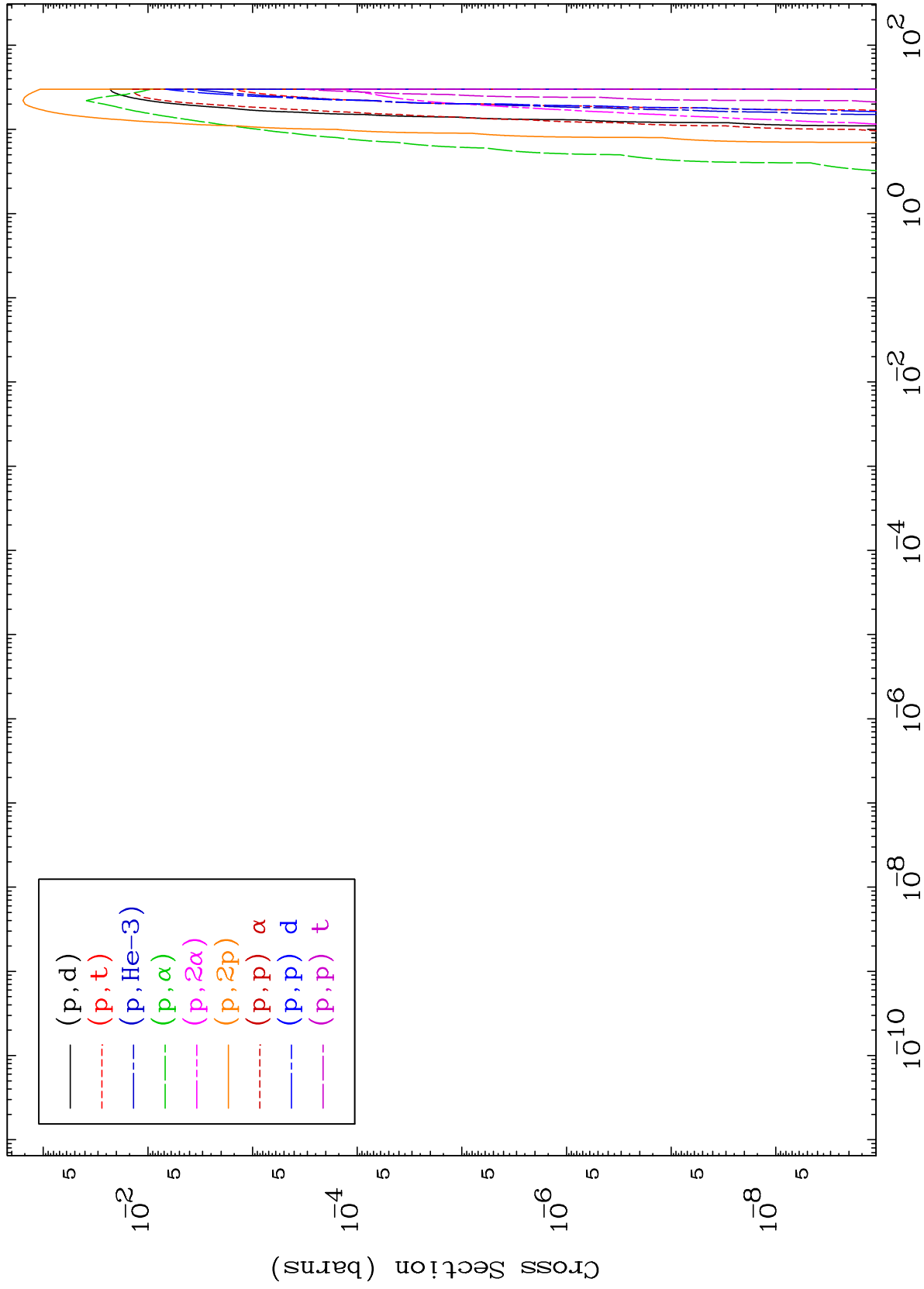
Incident Energy (MeV)

63-Eu-142

MAT 6299

Proton Charged Particle  
0 Kelvin Cross Sections

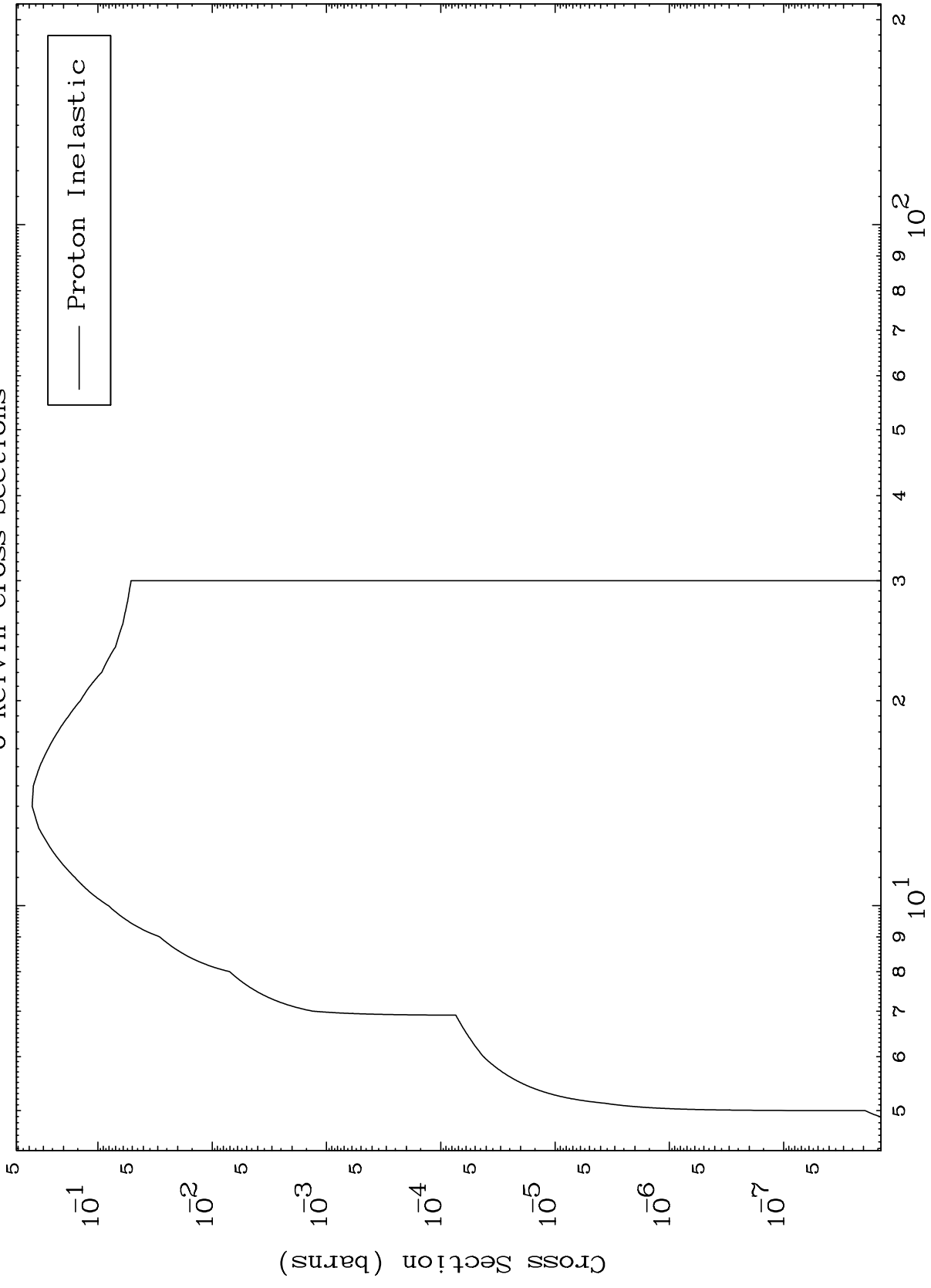
63-Eu-142



MAT 6299

63-Eu-142

(p,n') Level  
0 Kelvin Cross Sections



63-Eu-142

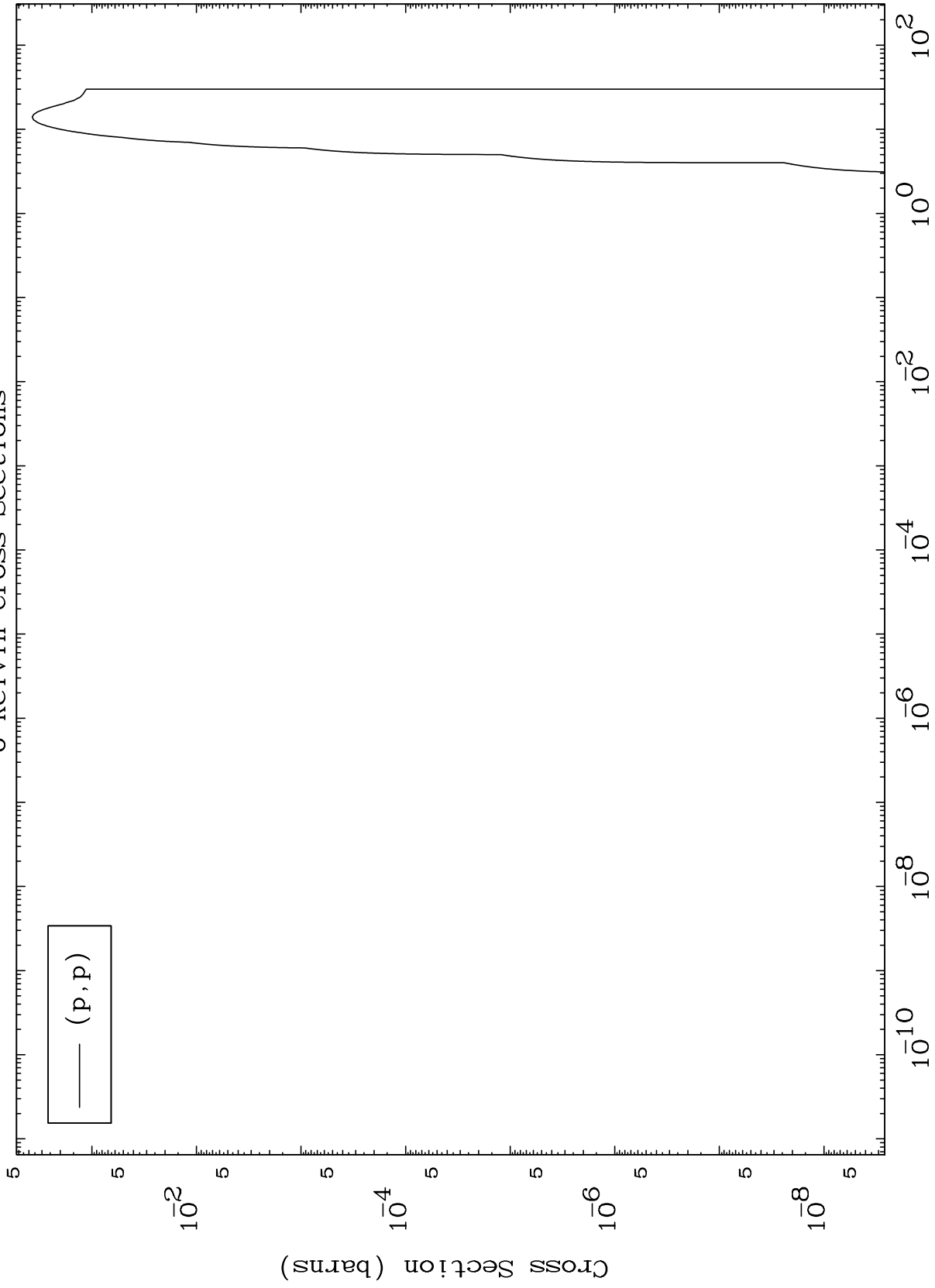
Incident Energy (MeV)

5

MAT 6299

(p,p) Levels  
0 Kelvin Cross Sections

63-Eu-142



6

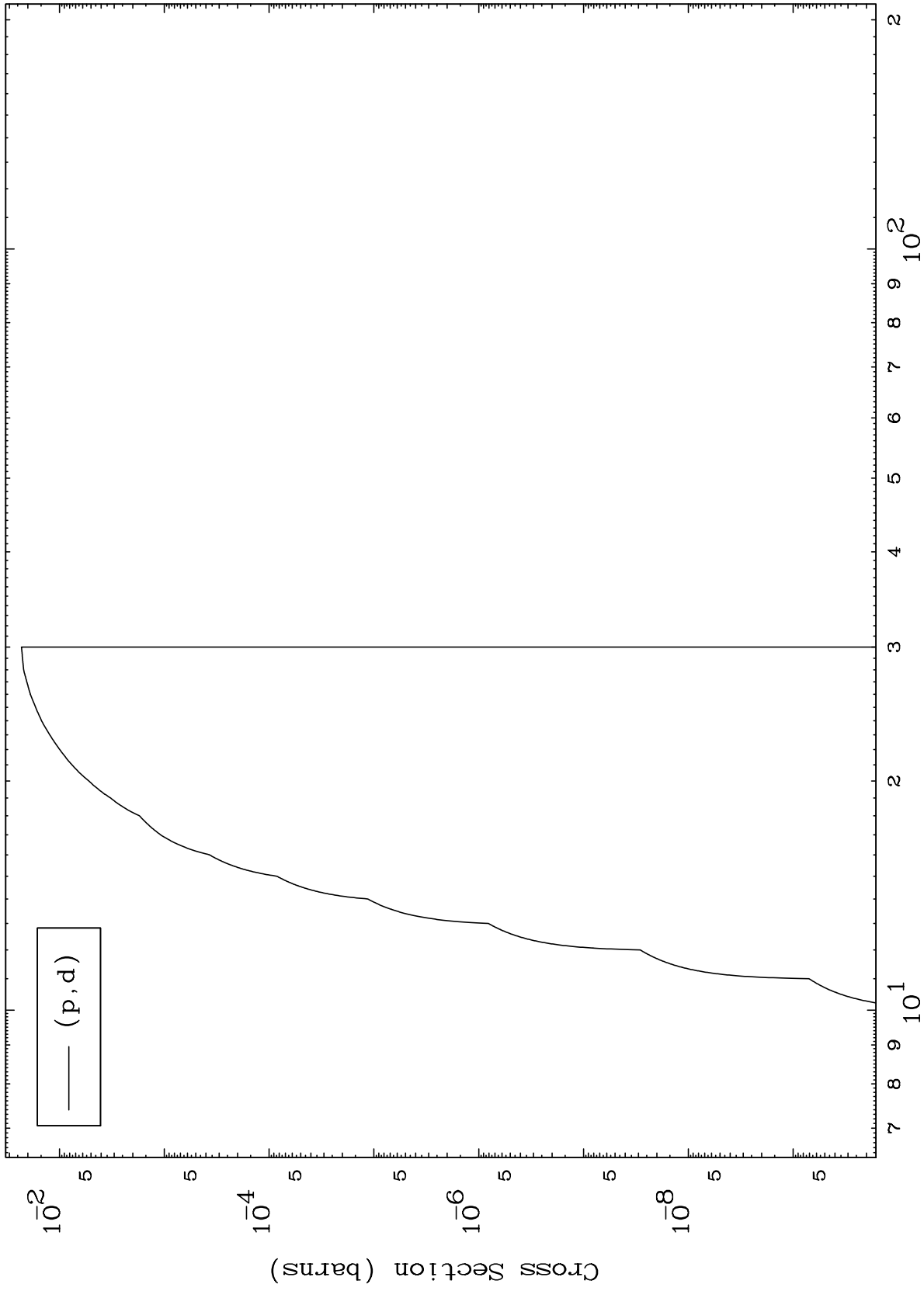
Incident Energy (MeV)

63-Eu-142

MAT 6299

(p,d) Levels  
0 Kelvin Cross Sections

63-Eu-142

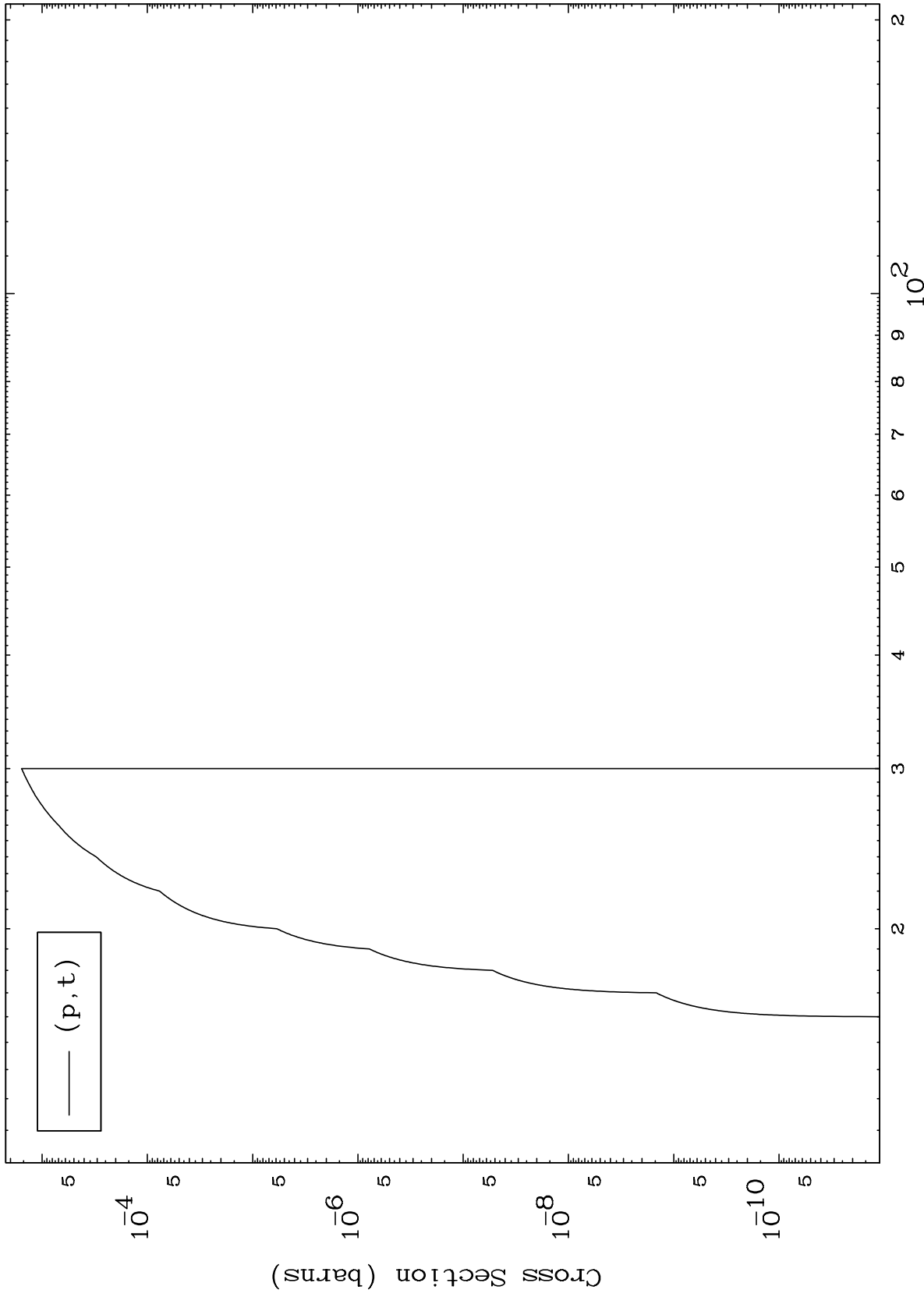


7

Incident Energy (MeV)

63-Eu-142

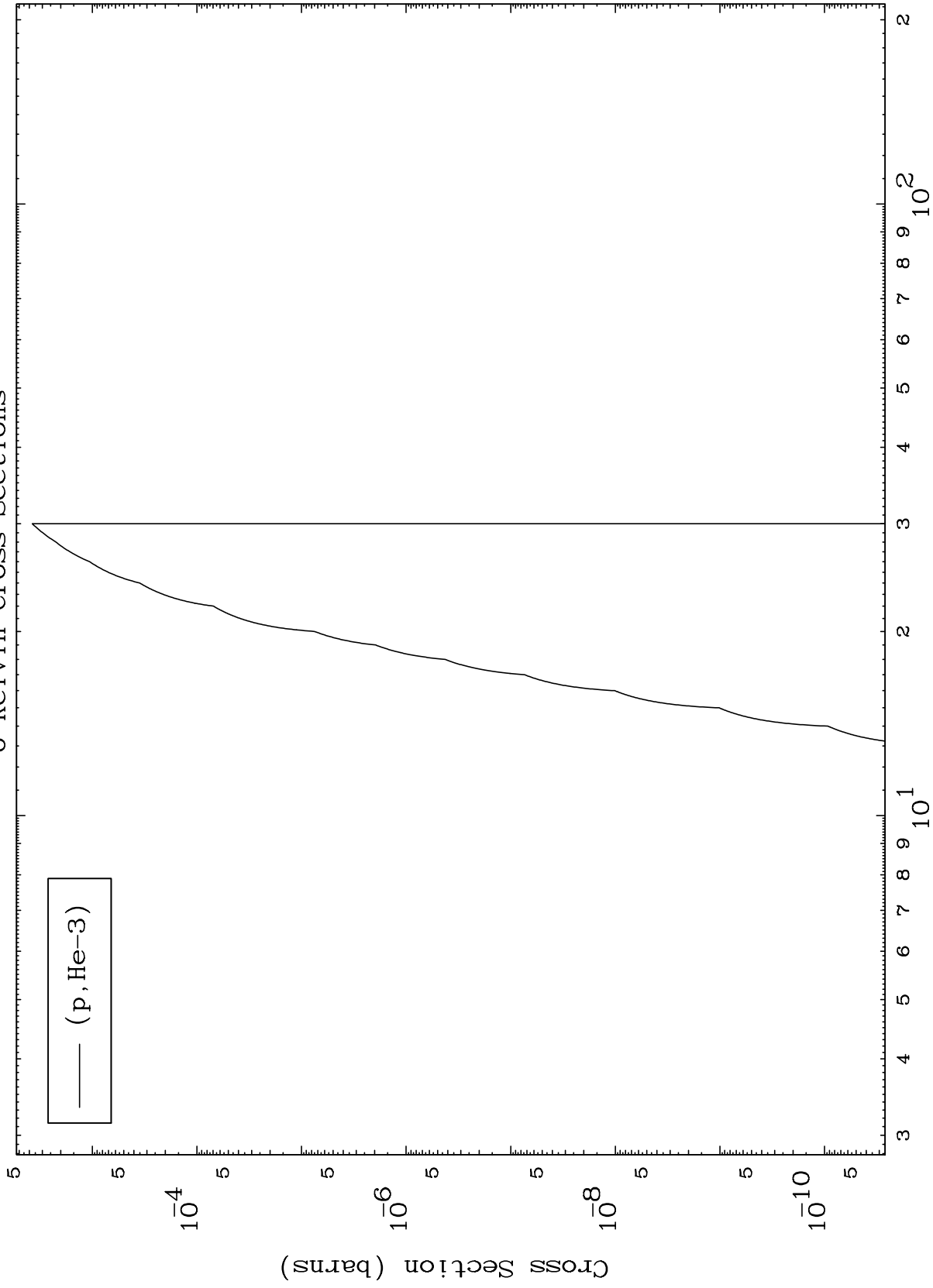




MAT 6299

(p,He3) Levels  
0 Kelvin Cross Sections

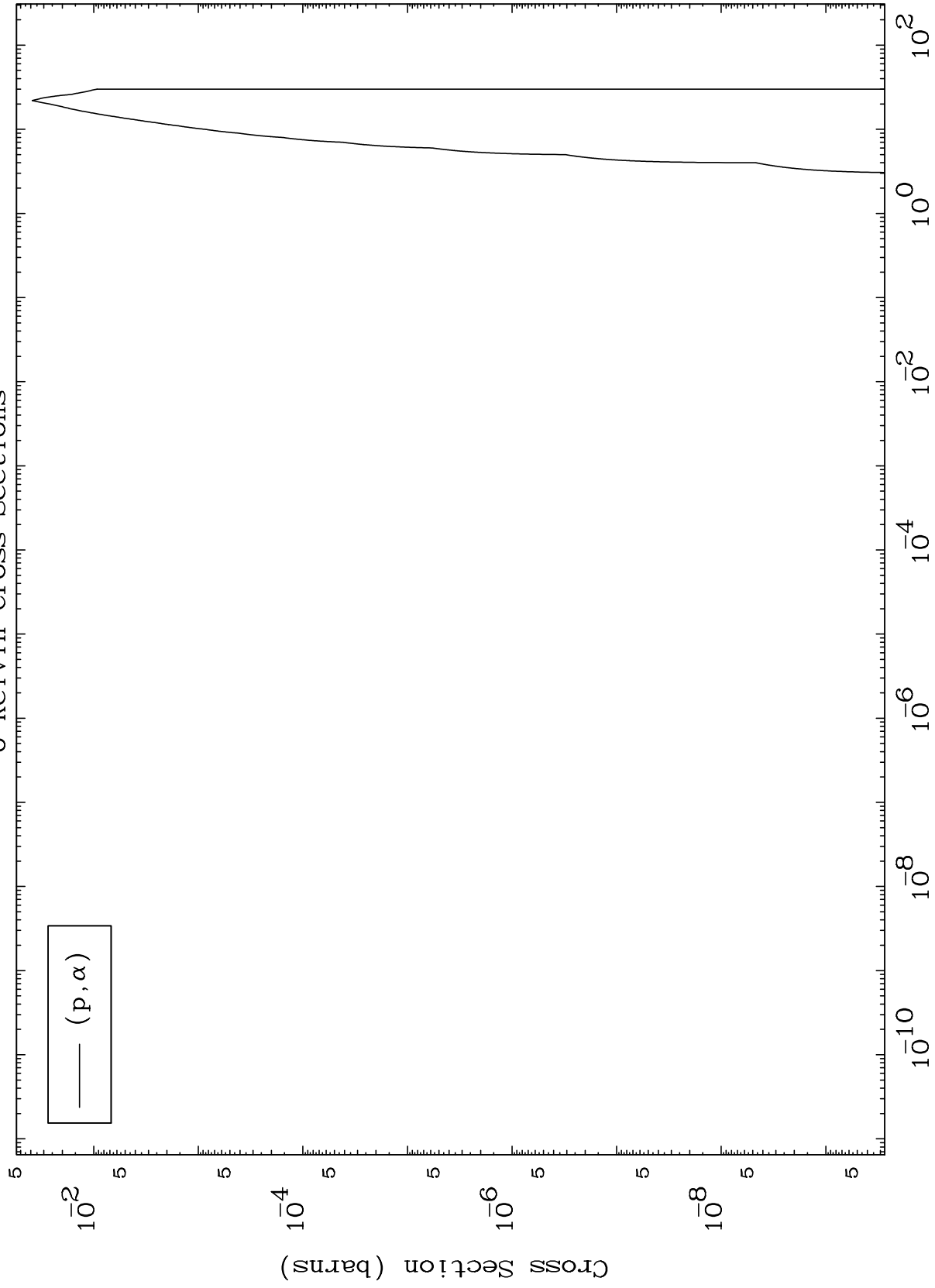
63-Eu-142



MAT 6299

(p,α) Levels  
0 Kelvin Cross Sections

63-Eu-142

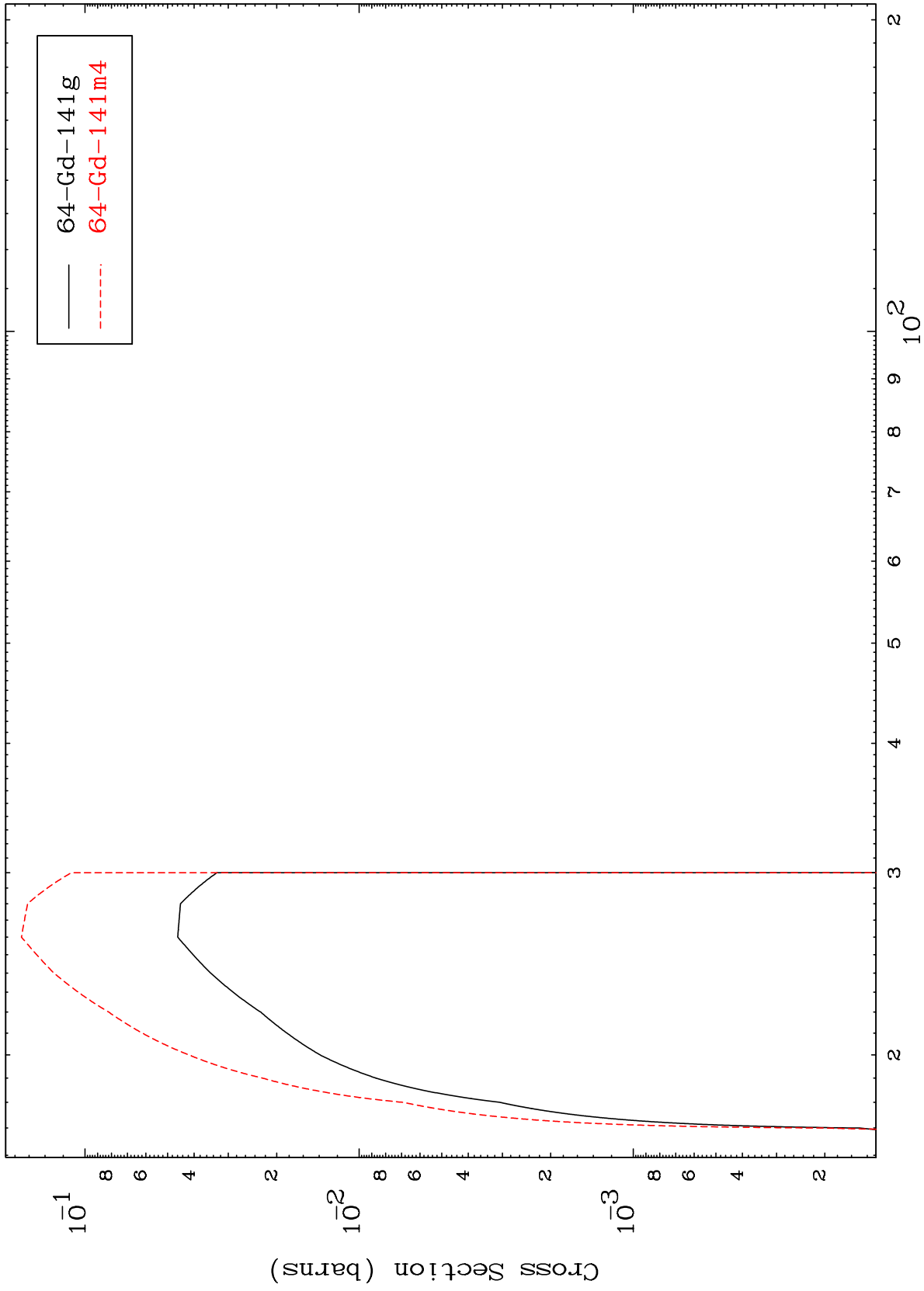


10

Incident Energy (MeV)

63-Eu-142

Radionuclide Production Cross Section

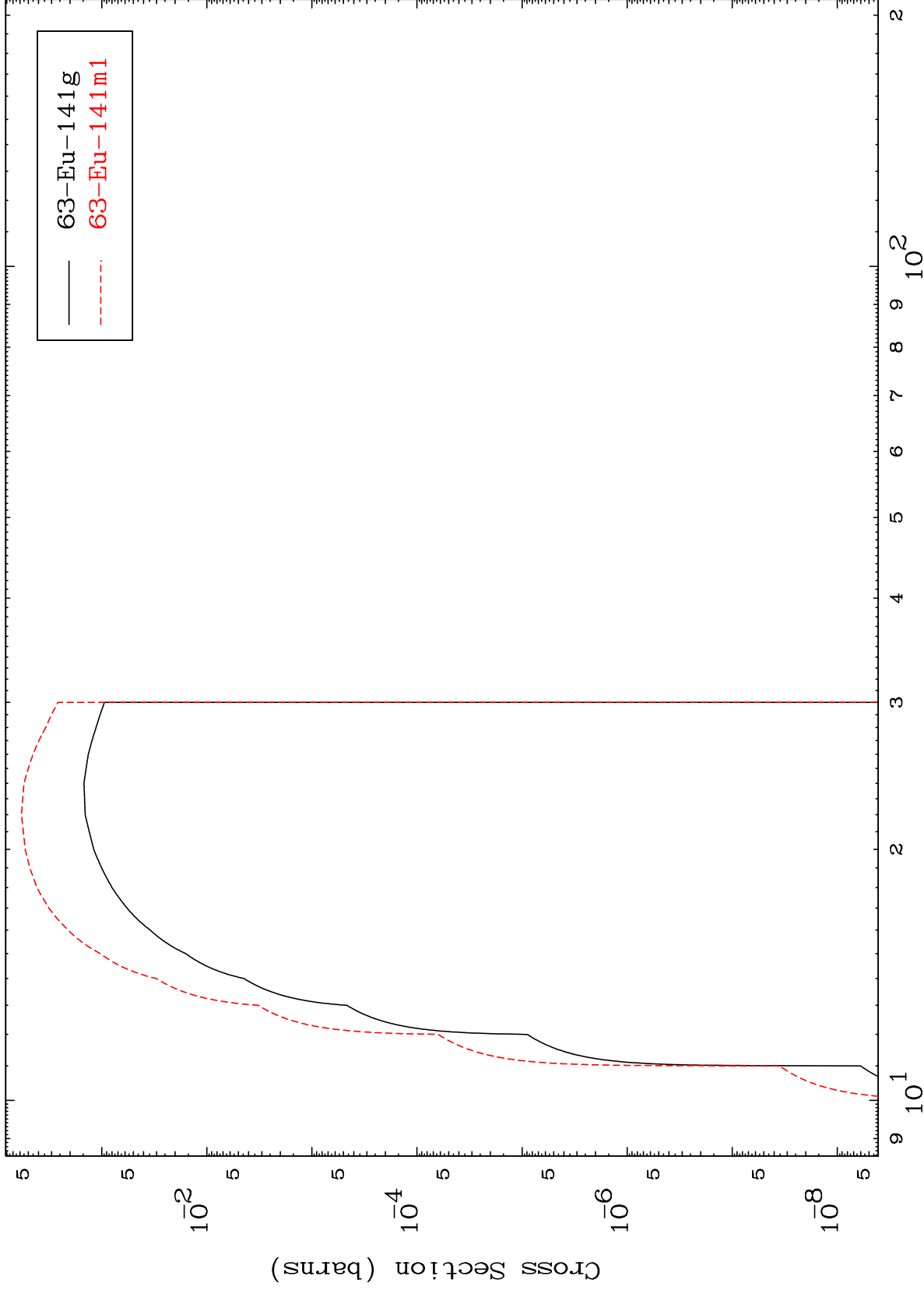


MAT 6299

(p,n') p

<sup>63</sup>Eu-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

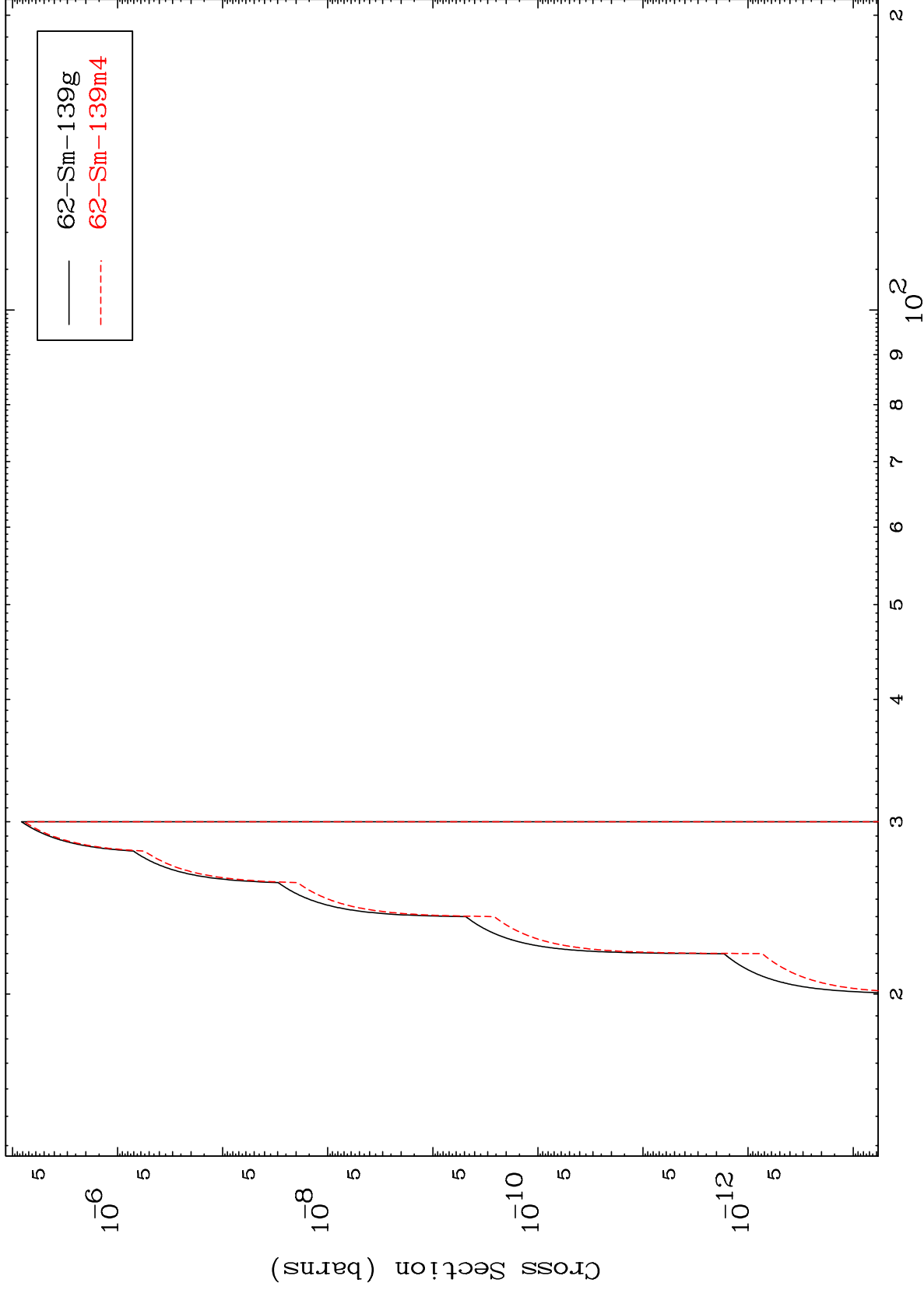
<sup>63</sup>Eu-142

MAT 6299

(p,n') He-3

63-Eu-142

Radionuclide Production Cross Section



13

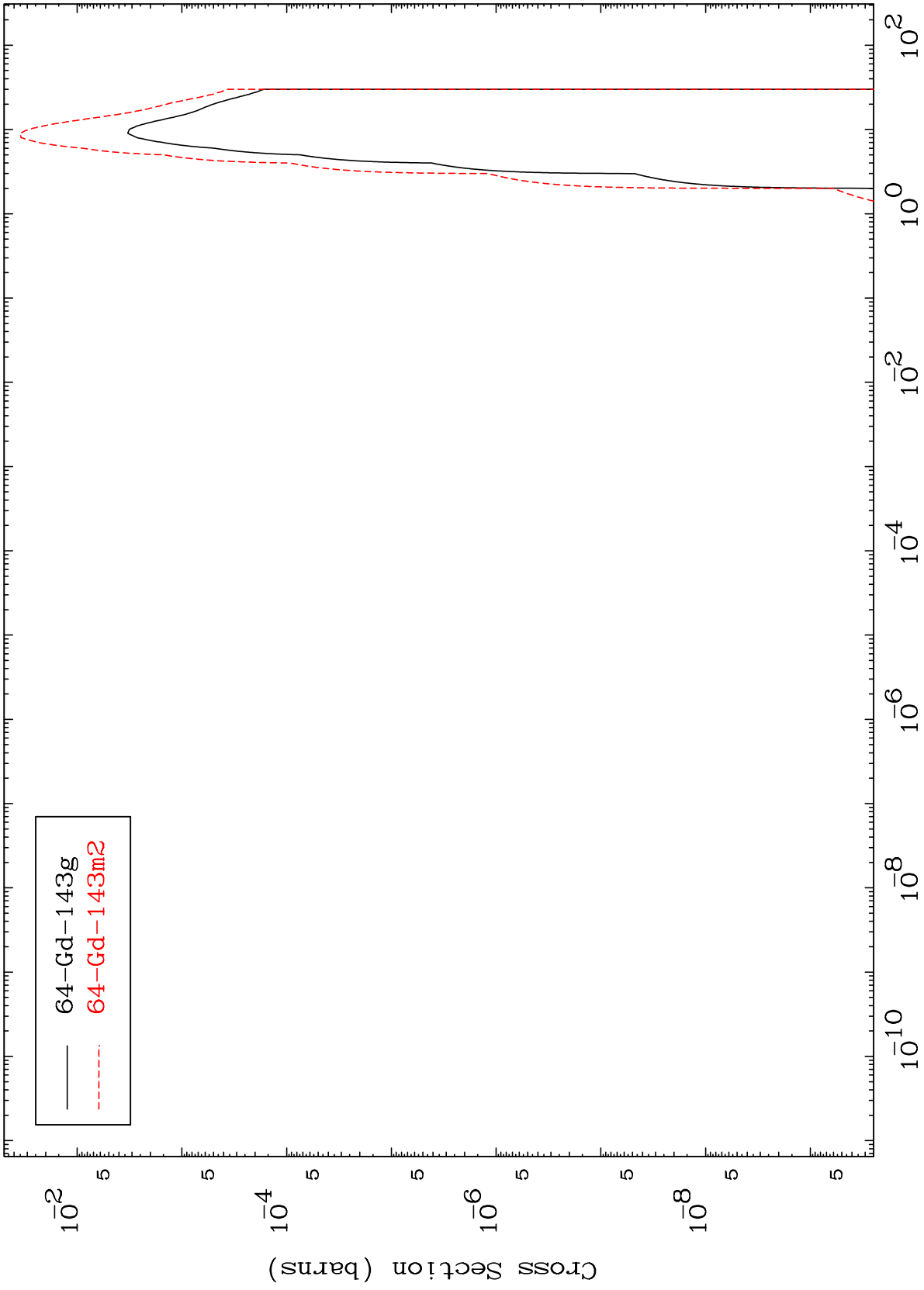
Incident Energy (MeV)

63-Eu-142

MAT 6299

Radionuclide Production Cross Section  
(p,γ)

63-Eu-142

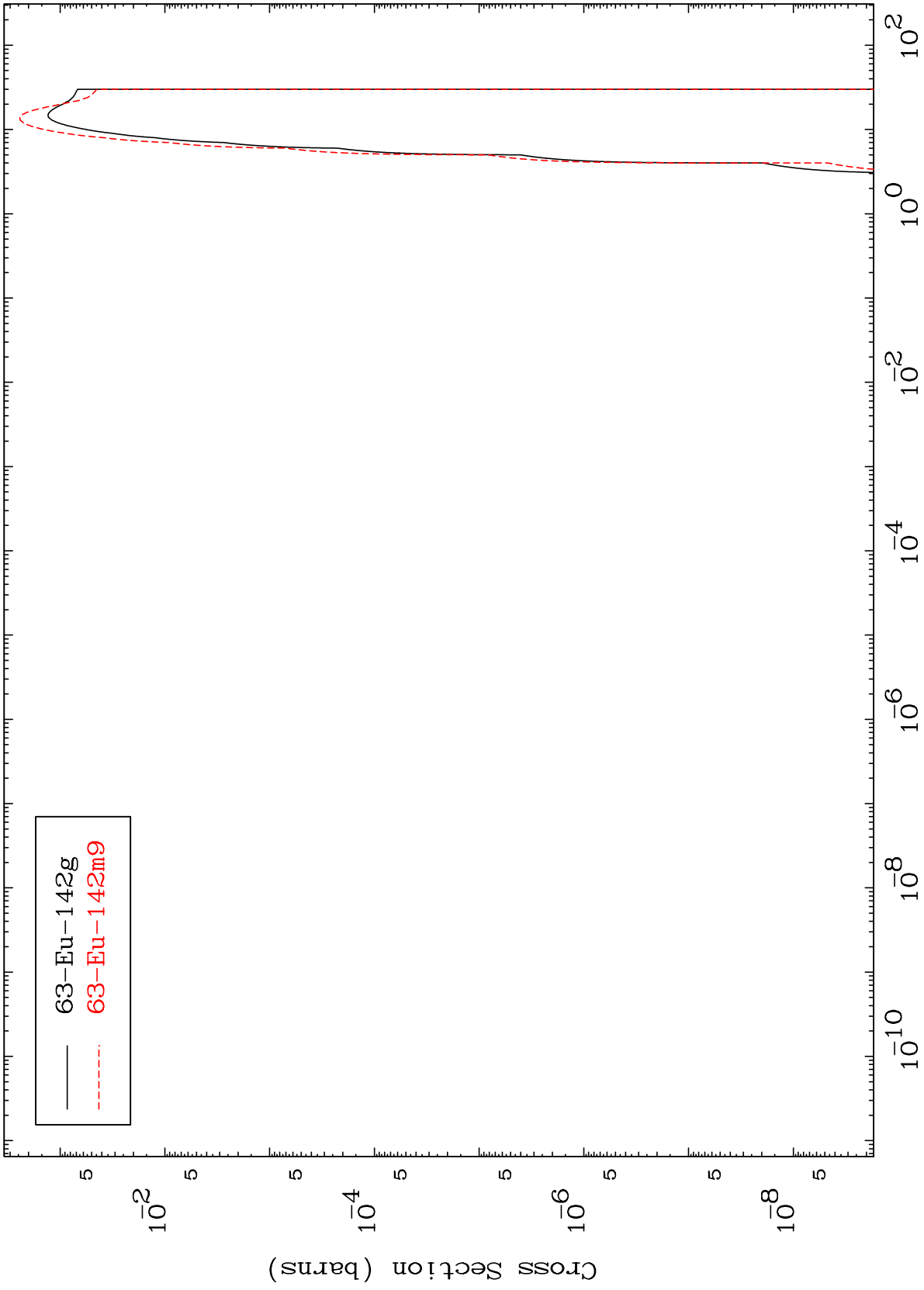


63-Eu-142

MAT 6299

(p,p)  
Radionuclide Production Cross Section

63-Eu-142



15

Incident Energy (MeV)

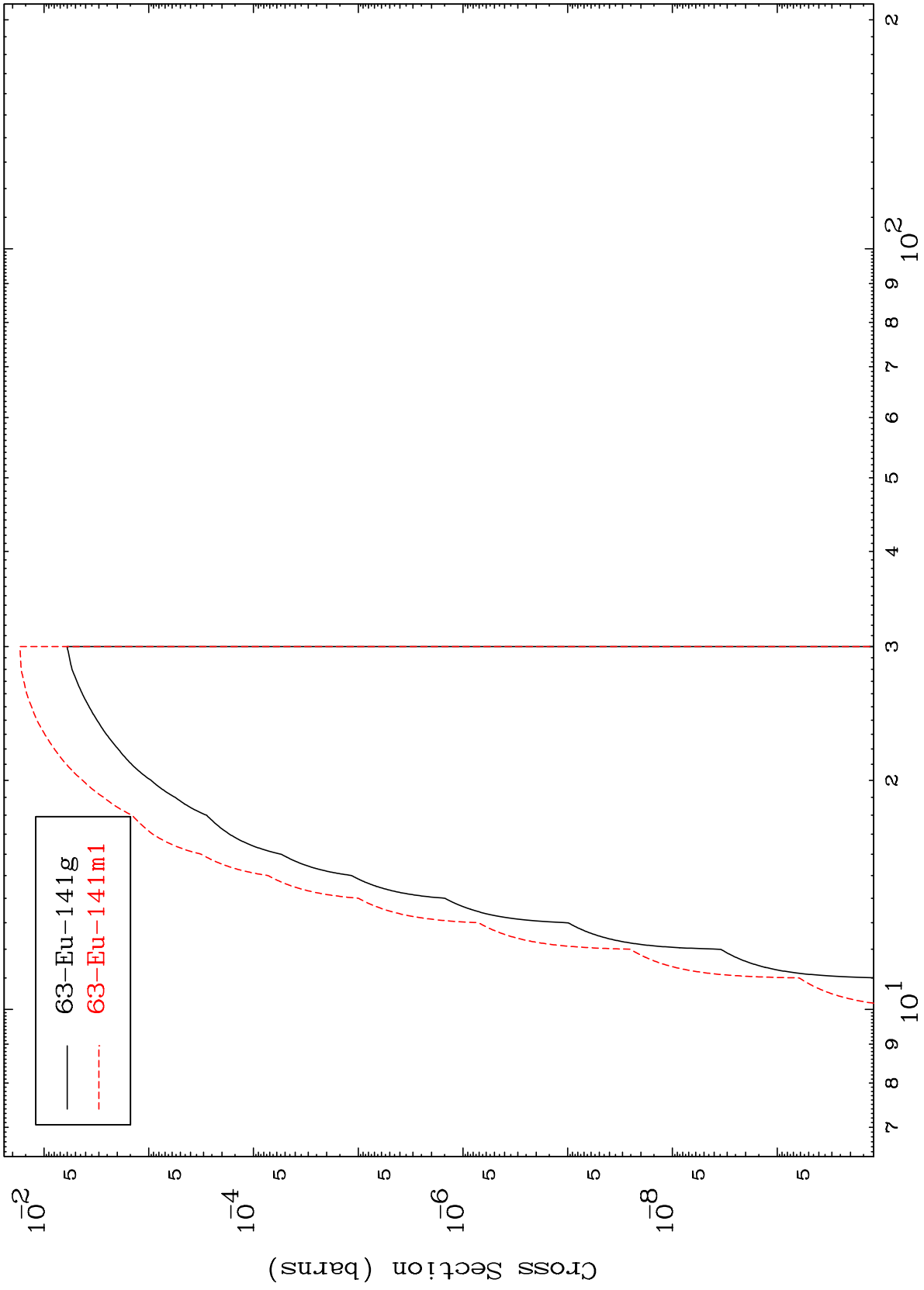
63-Eu-142



MAT 6299

63-Eu-142

(p,d)  
Radionuclide Production Cross Section



16

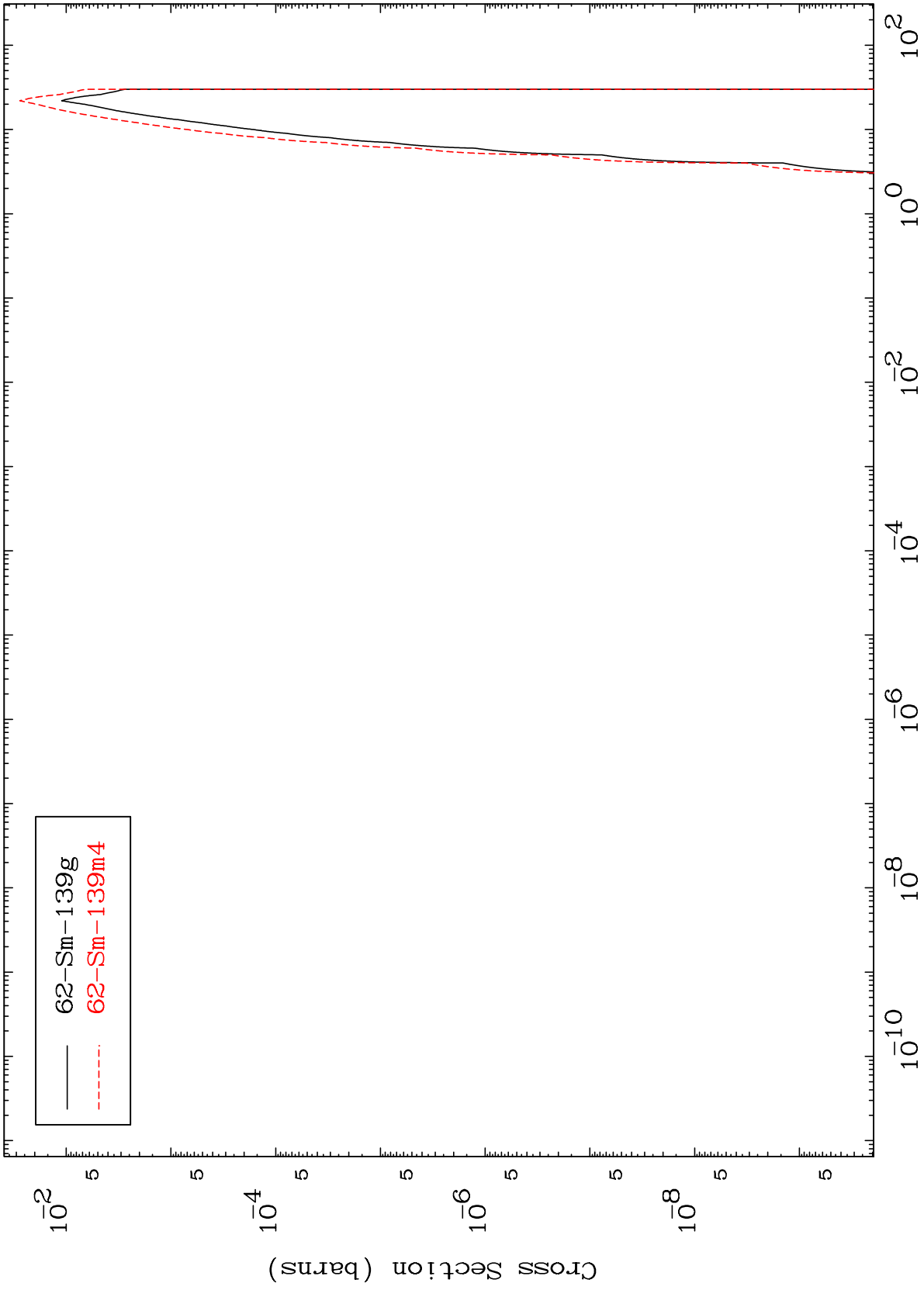
Incident Energy (MeV)

63-Eu-142

MAT 6299

Radionuclide Production Cross Section  
(p,α)

63-Eu-142



17

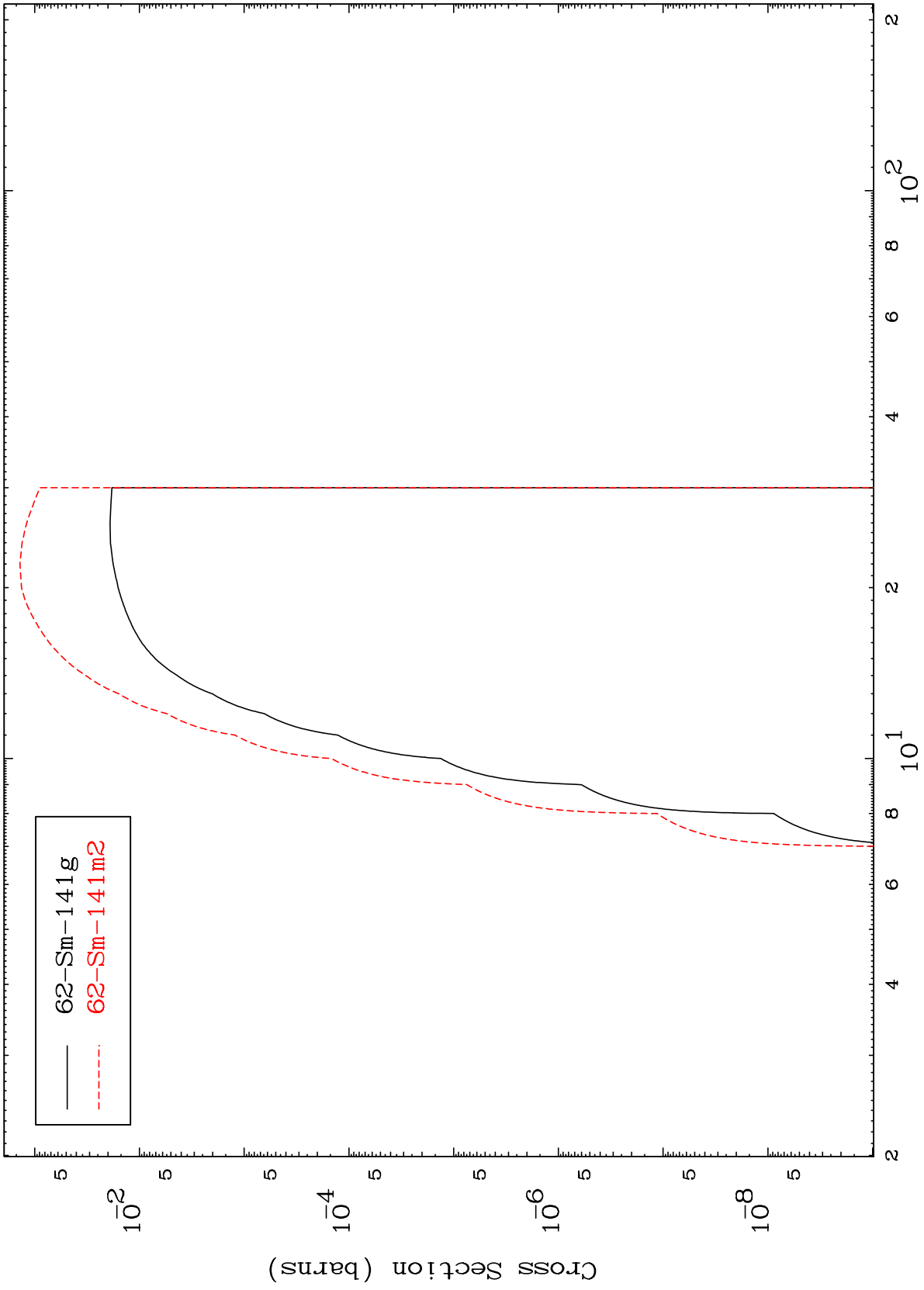
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

(p,2p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

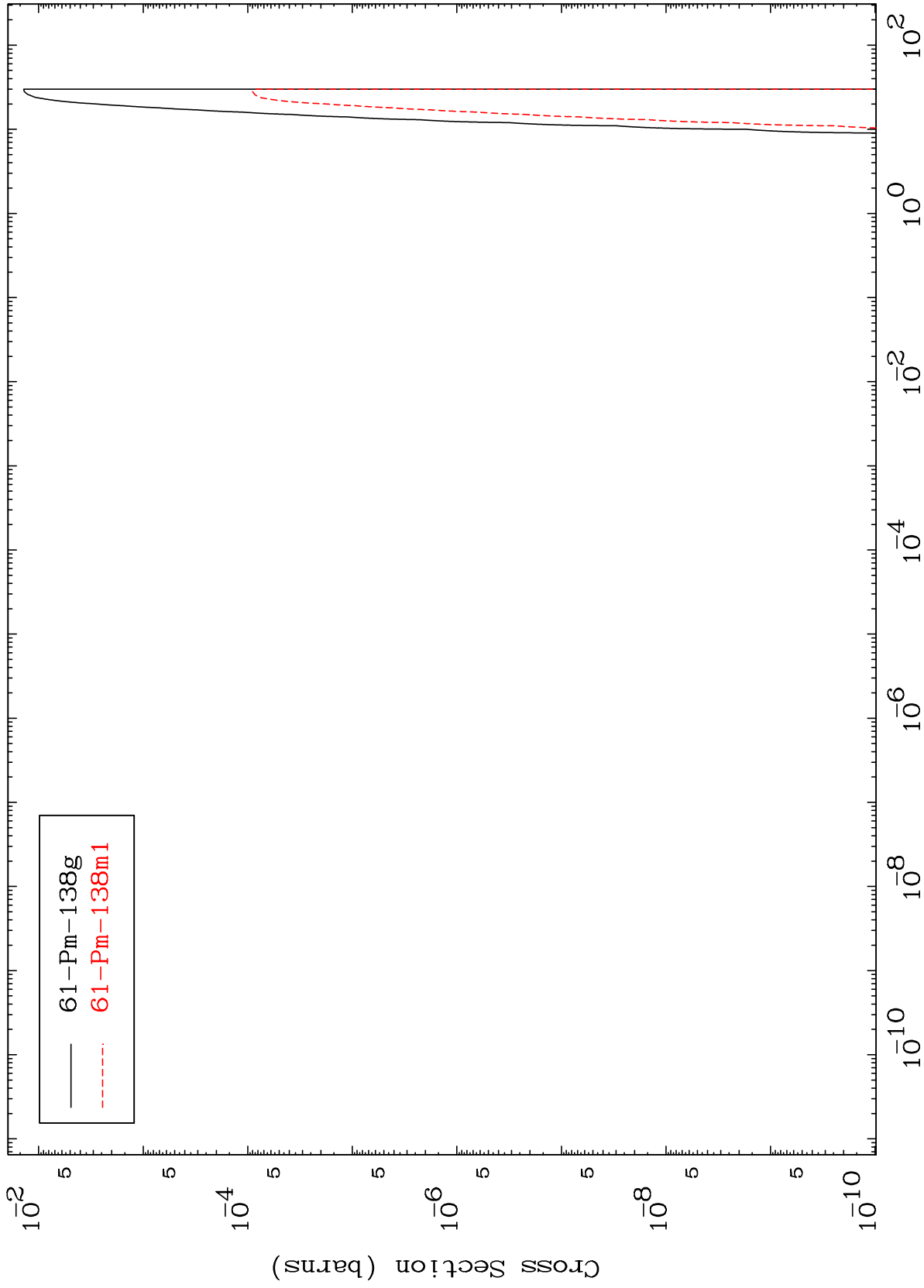
63-Eu-142

MAT 6299

(p,p)  $\alpha$

63-Eu-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

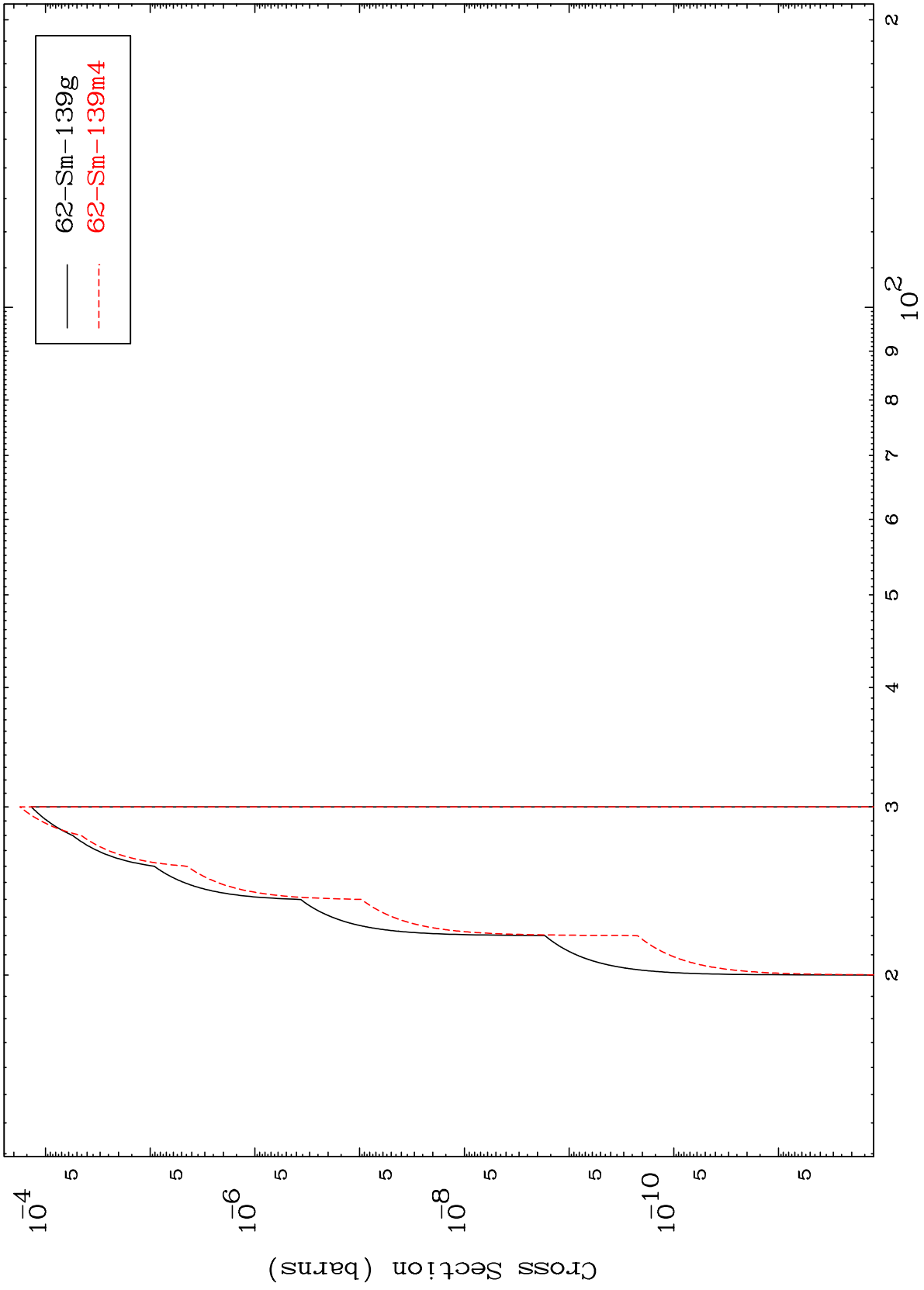
63-Eu-142

MAT 6299

(p,p) t

63-Eu-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

63-Eu-142