

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

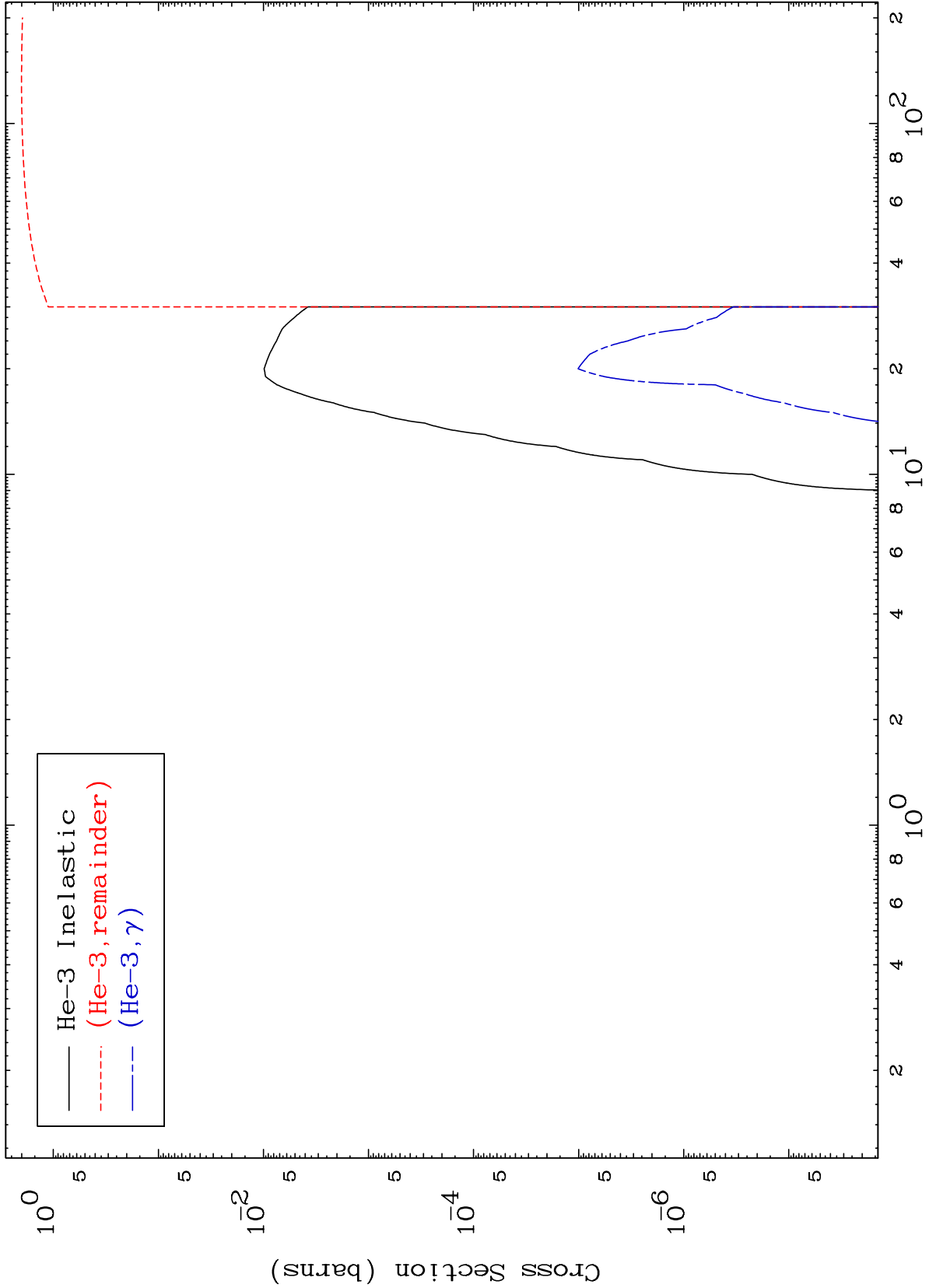
Press Mouse Button to Start

MAT 6210

He-3 Major

62-Sm-139

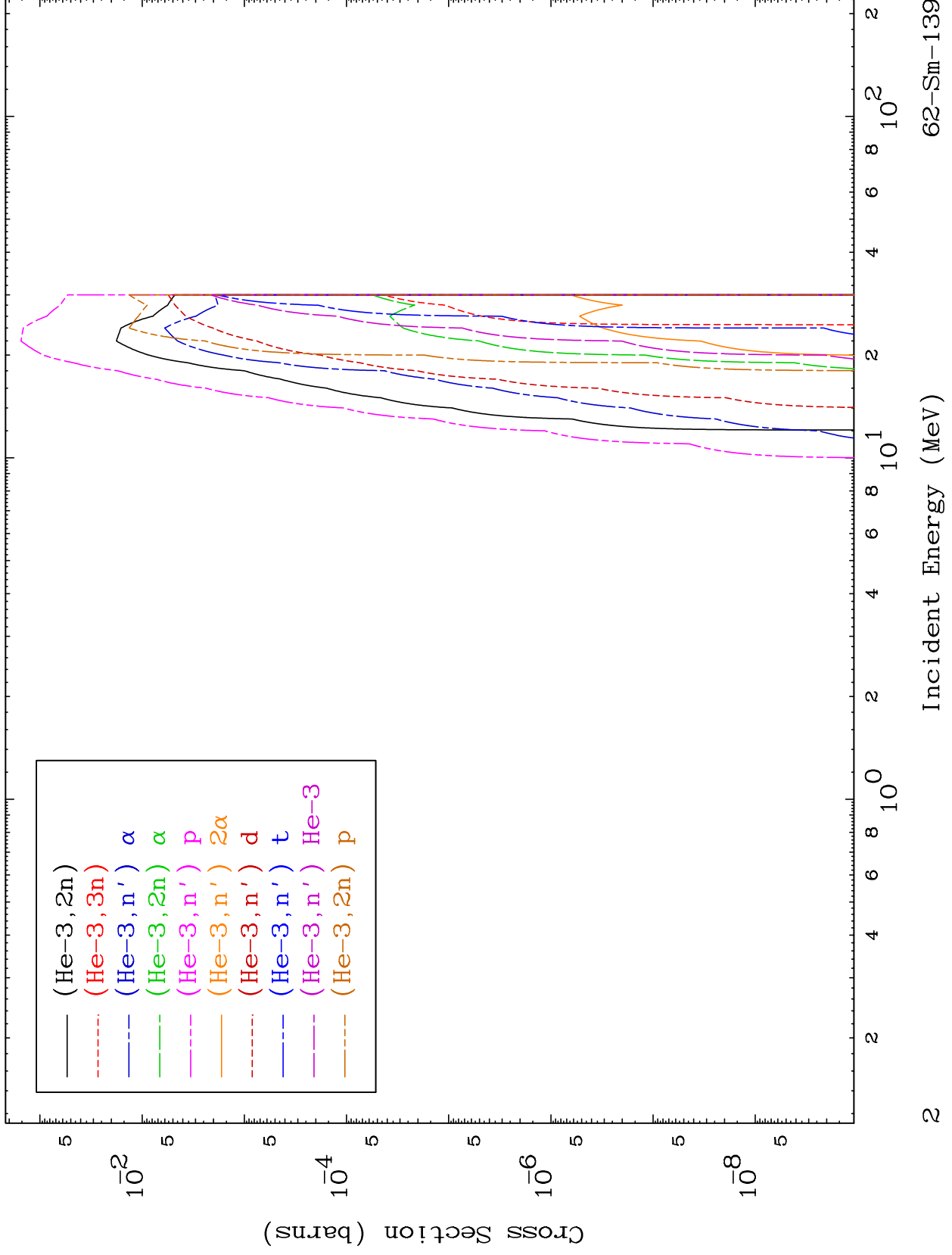
0 Kelvin Cross Sections



MAT 6210

He-3 Neutron Production  
0 Kelvin Cross Sections

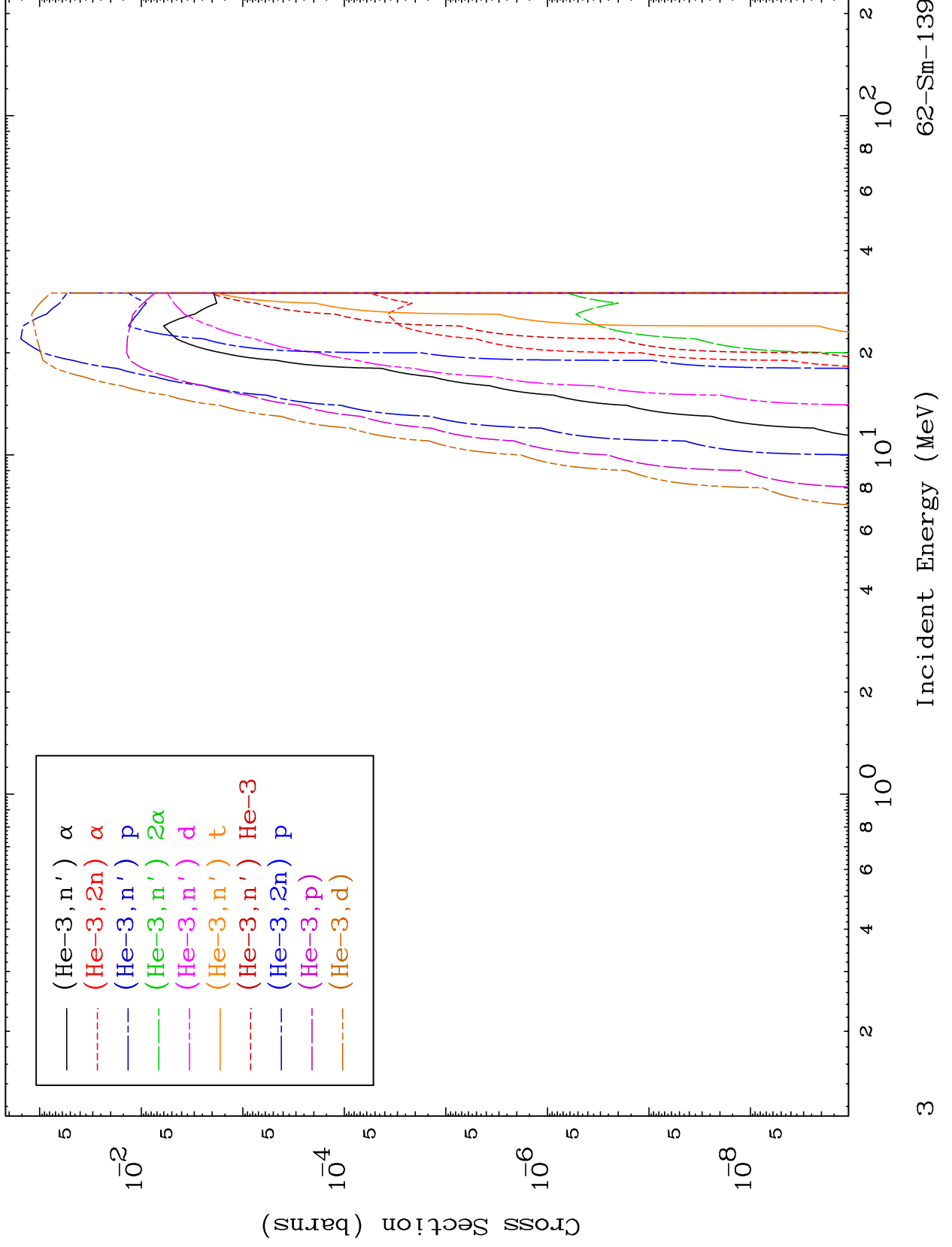
62-Sm-139



MAT 6210

He-3 Charged Particle  
0 Kelvin Cross Sections

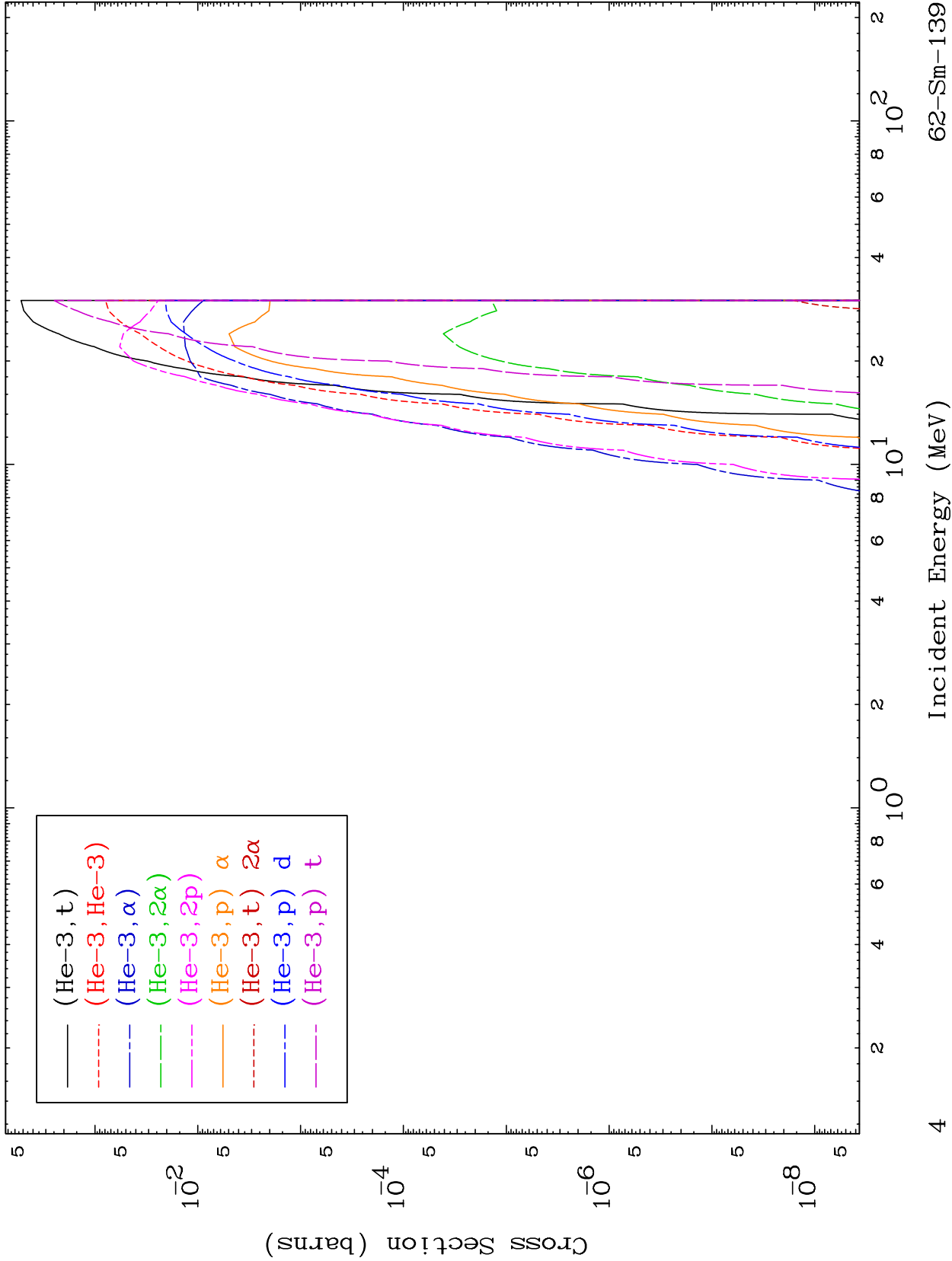
62-Sm-139



MAT 6210

He-3 Charged Particle  
0 Kelvin Cross Sections

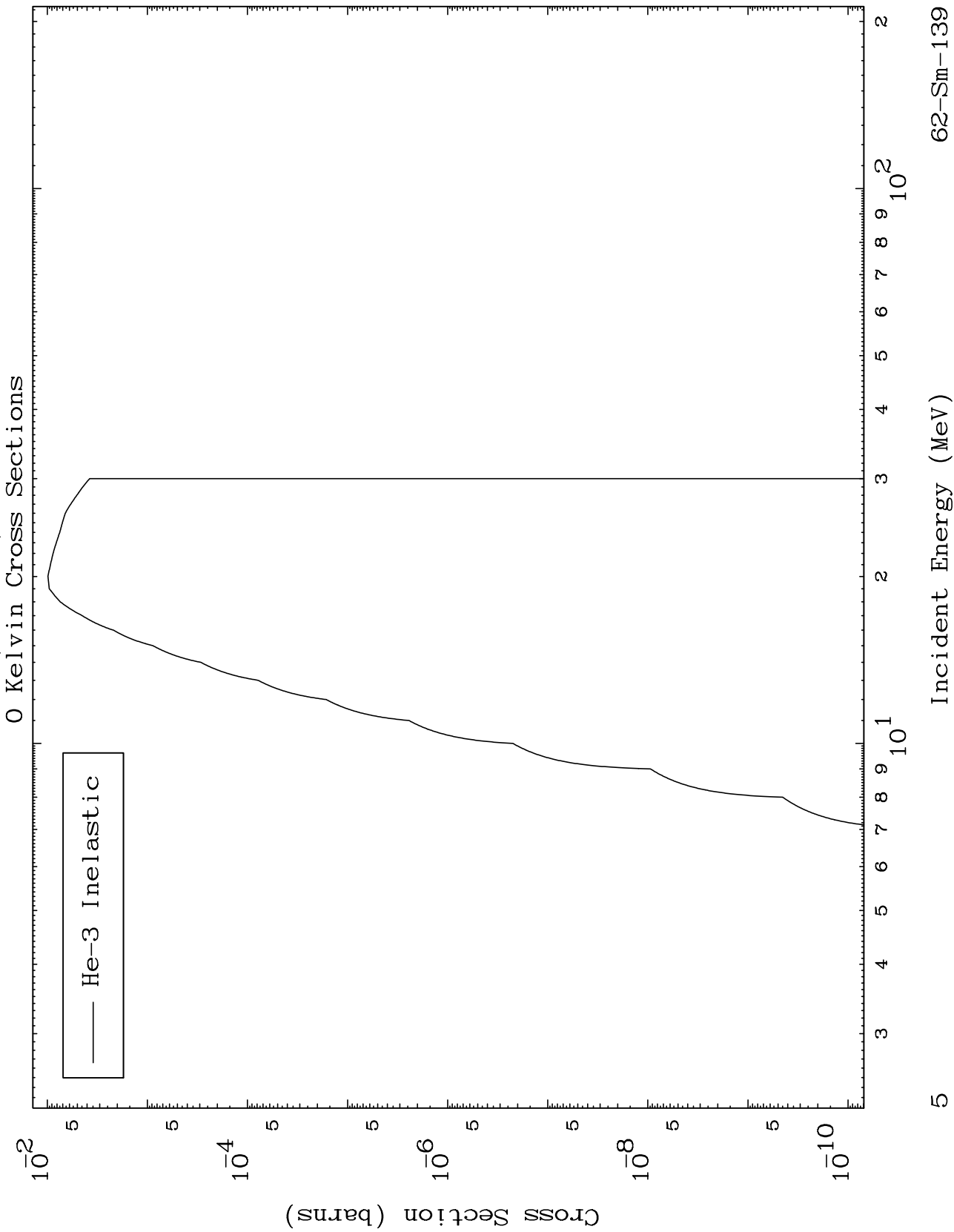
62-Sm-139



MAT 6210

(He-3, n') Level

62-Sm-139



5

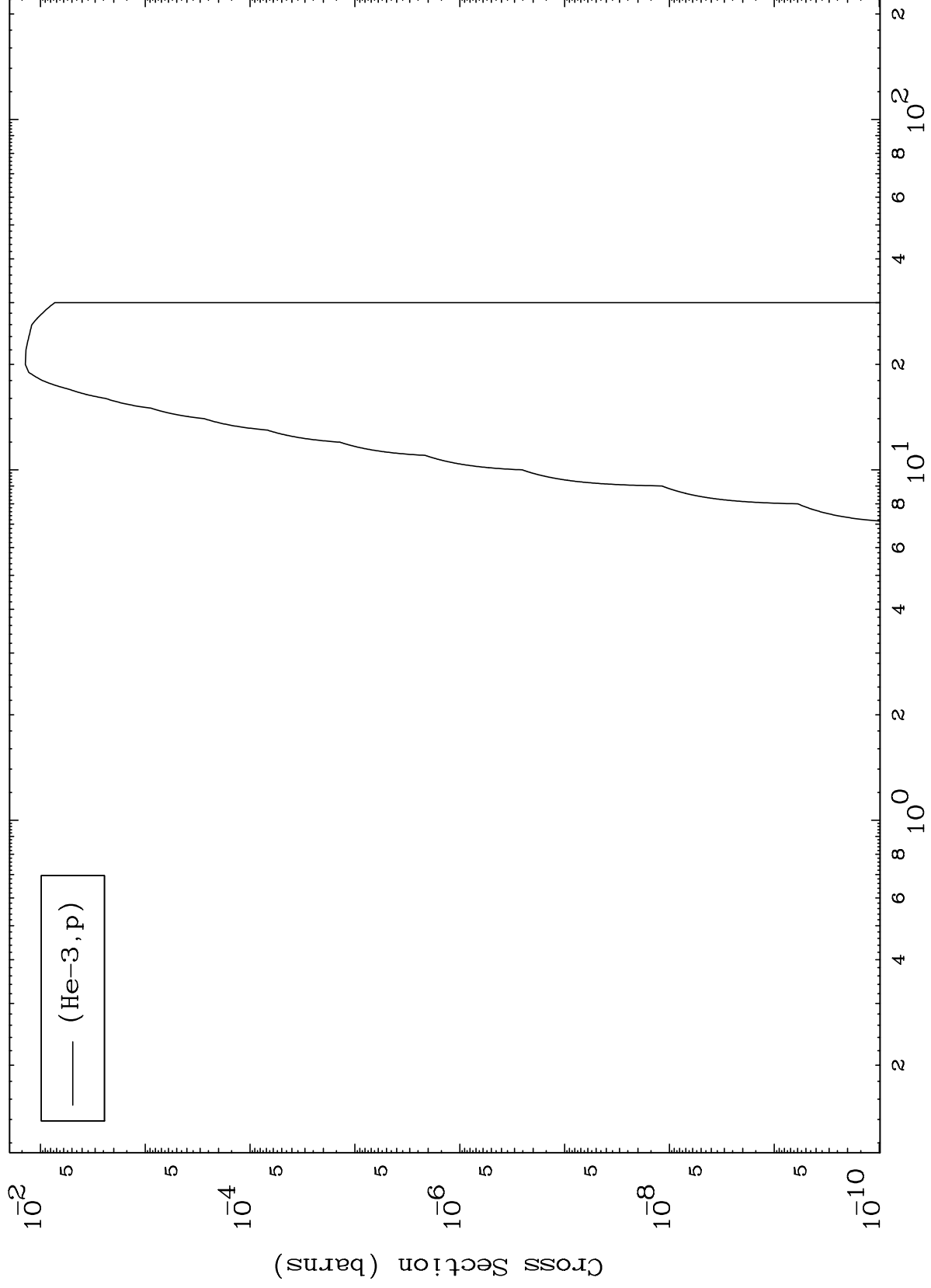
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

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



62-Sm-139

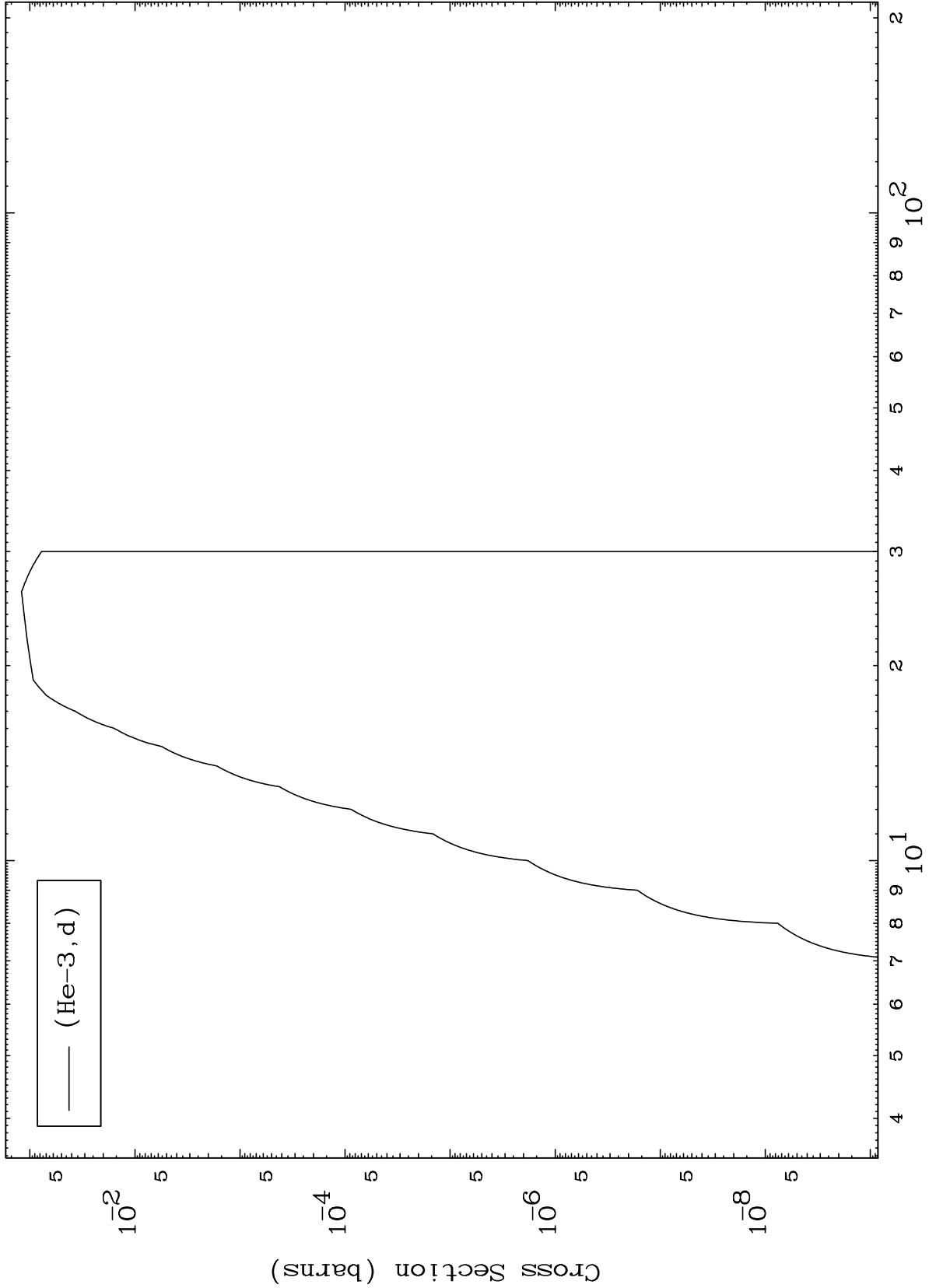
Incident Energy (MeV)

6

MAT 6210

62-Sm-139

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



62-Sm-139

Incident Energy (MeV)

7

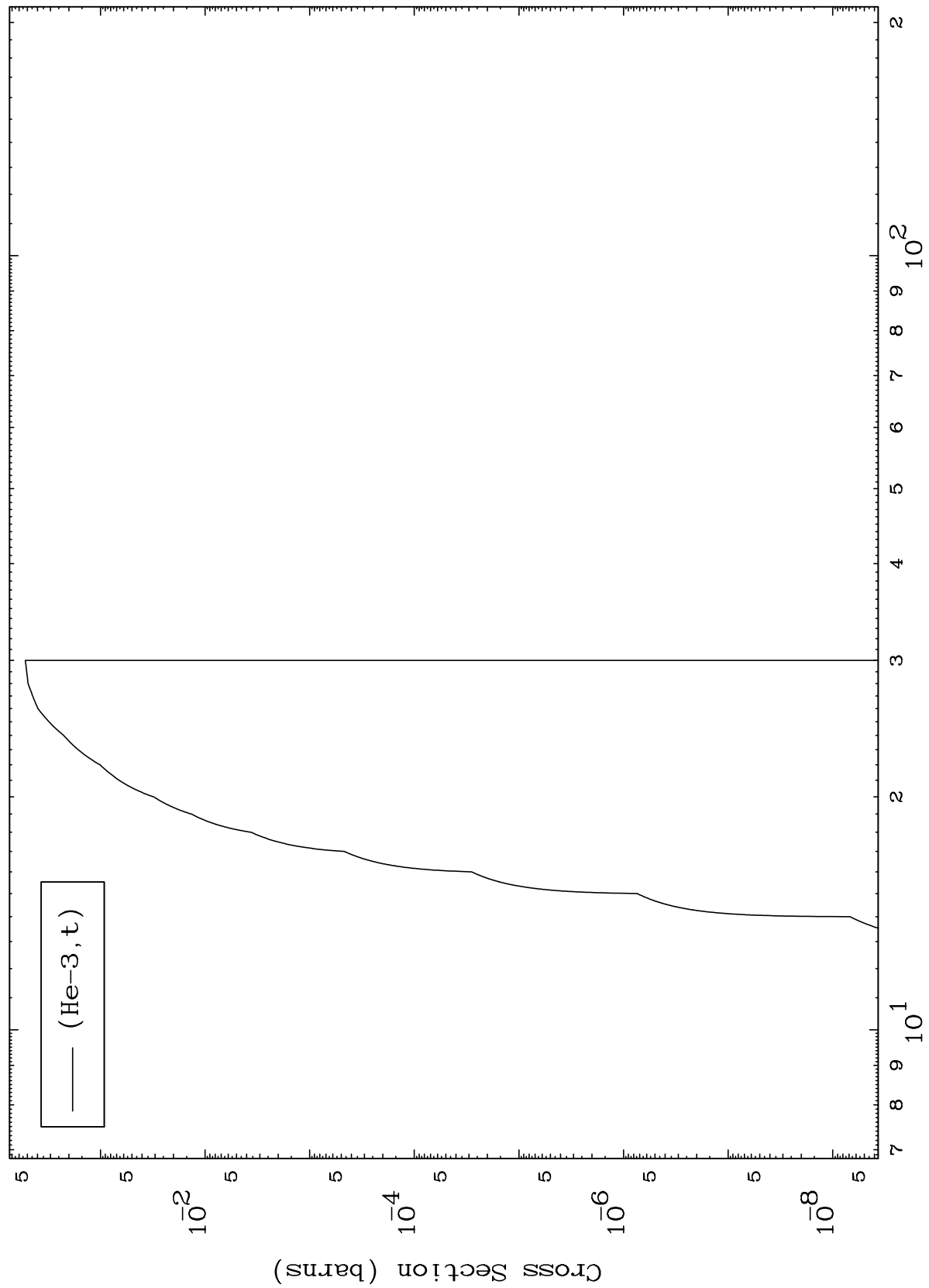


MAT 6210

(He-3,t) Levels

62-Sm-139

0 Kelvin Cross Sections



(He-3, t)

8

Incident Energy (MeV)

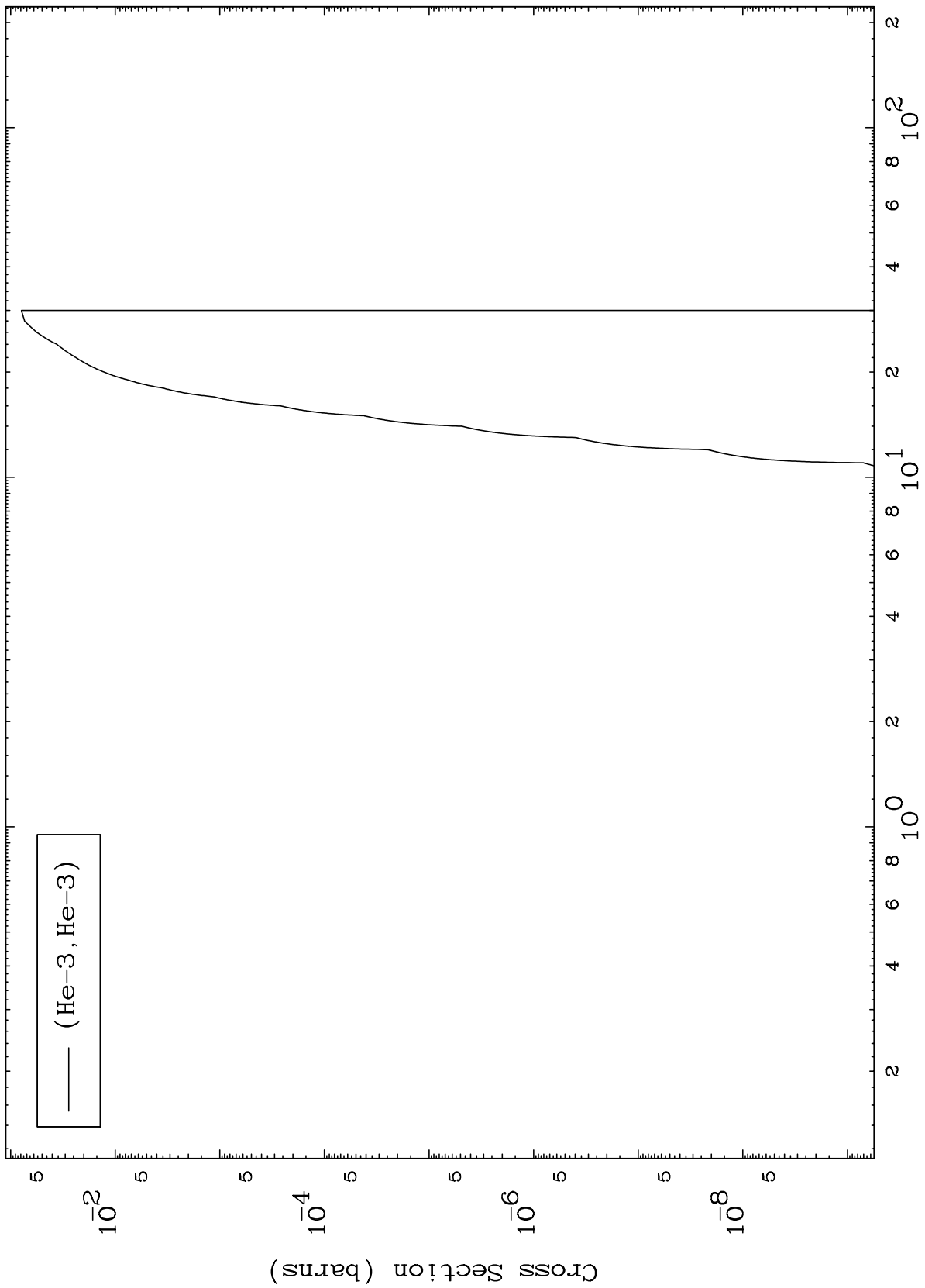
62-Sm-139

MAT 6210

(He-3, He3) Levels

62-Sm-139

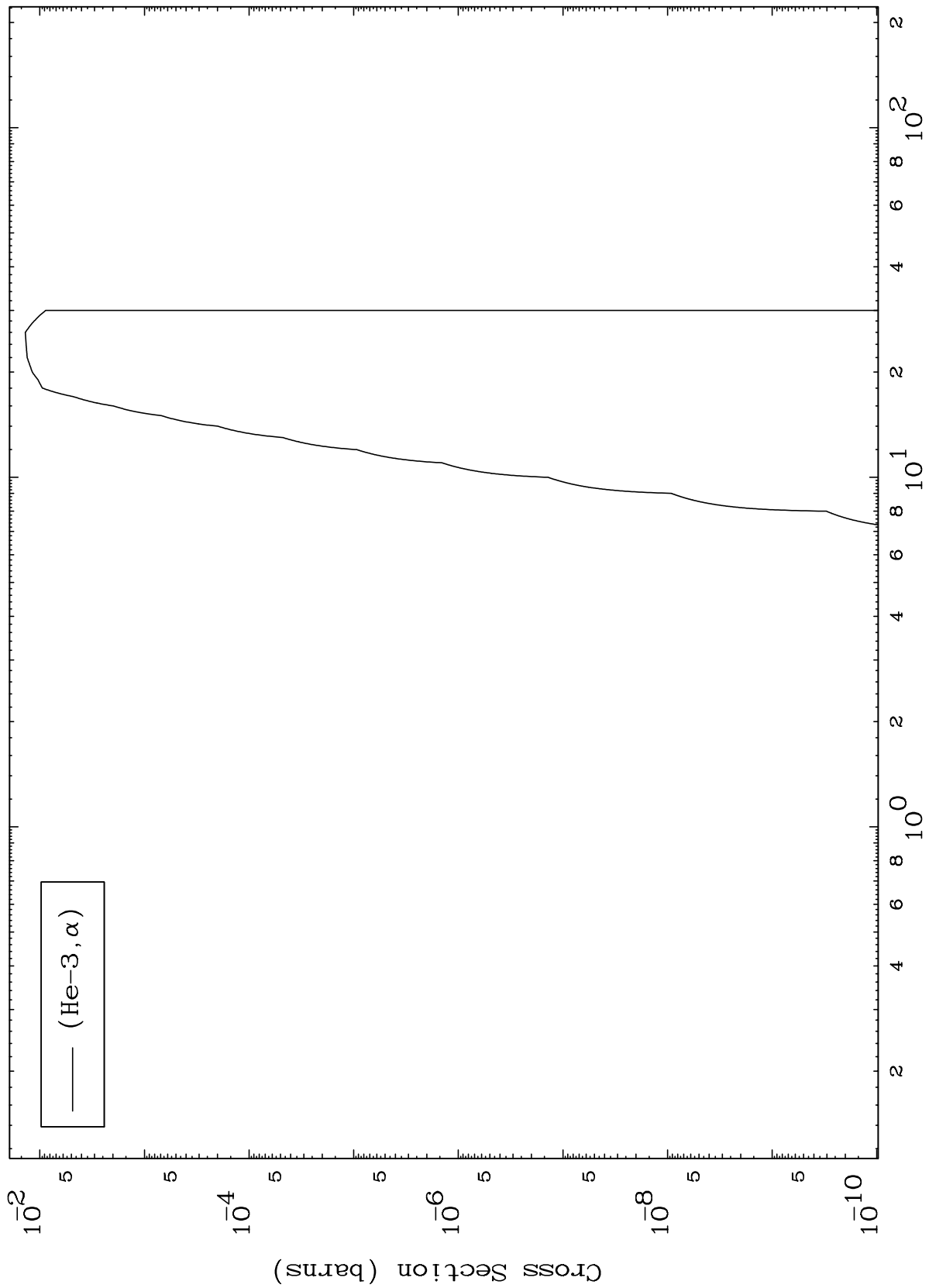
0 Kelvin Cross Sections



MAT 6210

62-Sm-139

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



(He-3,  $\alpha$ )

62-Sm-139

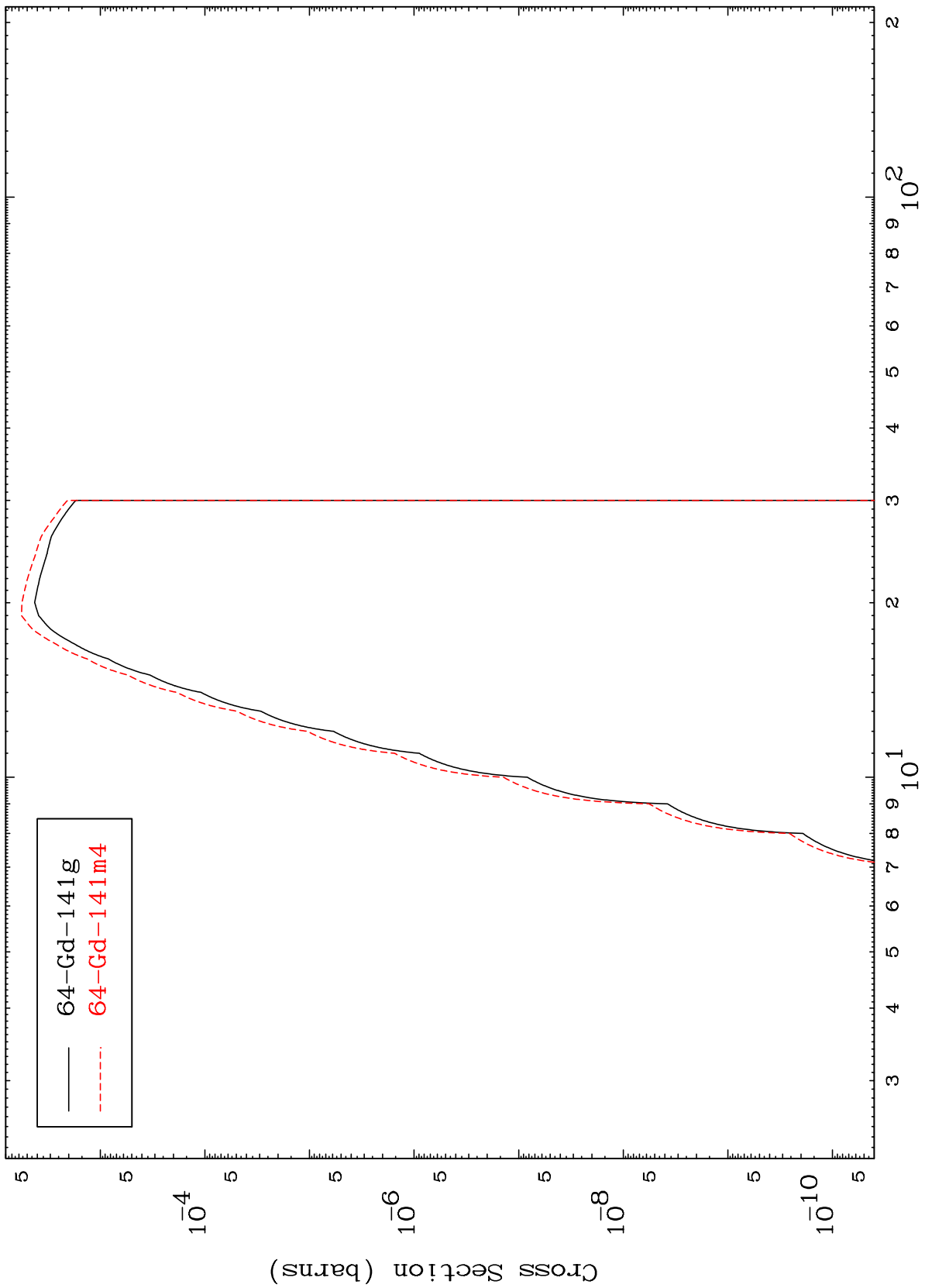
Incident Energy (MeV)

10

MAT 6210

He-3 Inelastic  
Radionuclide Production Cross Section

62-Sm-139



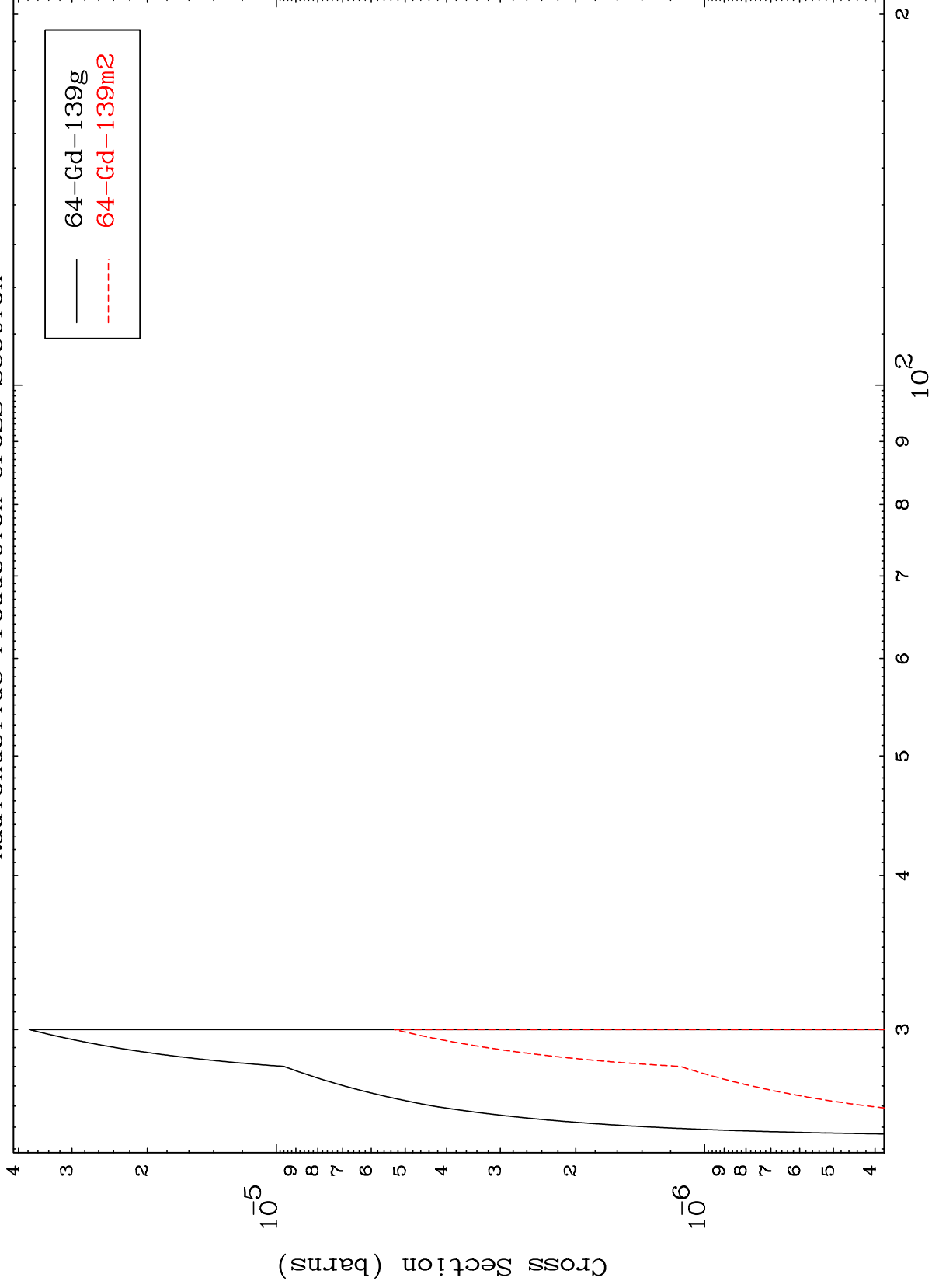
62-Sm-139

MAT 6210

(He-3,3n)

62-Sm-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

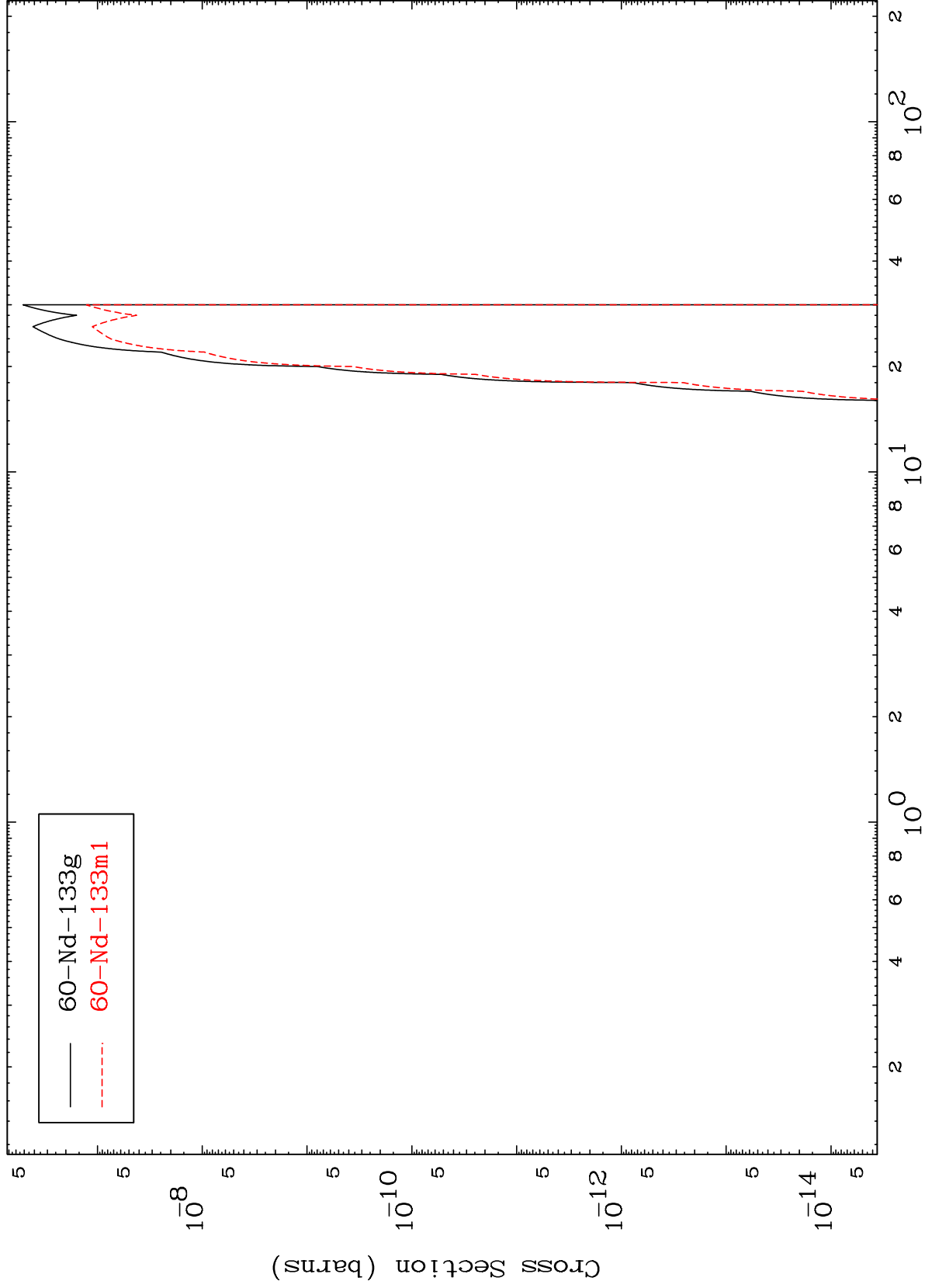
62-Sm-139

MAT 6210

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

62-Sm-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

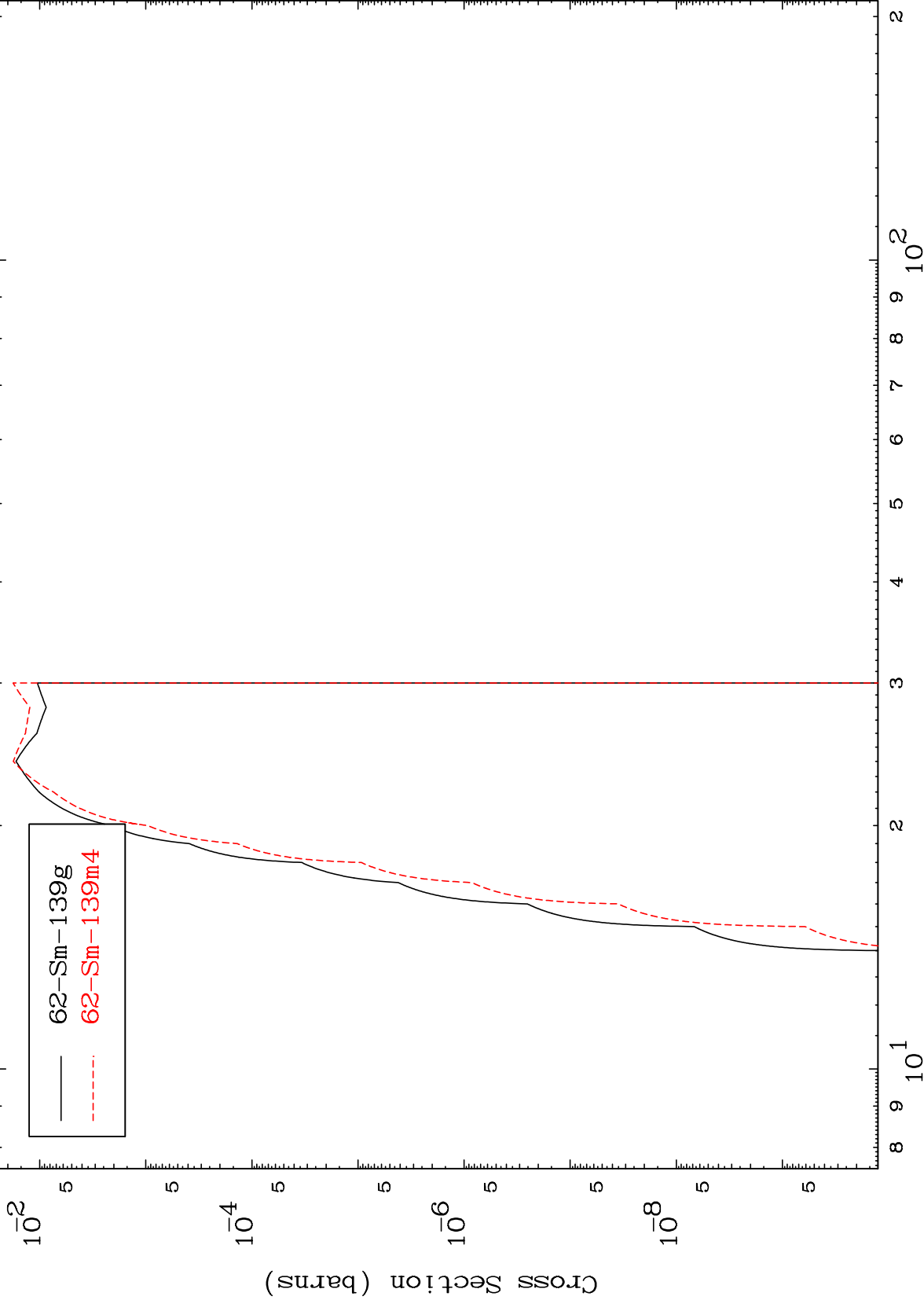
62-Sm-139

MAT 6210

(He-3,2n) p

62-Sm-139

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

Incident Energy (MeV)

62-Sm-139

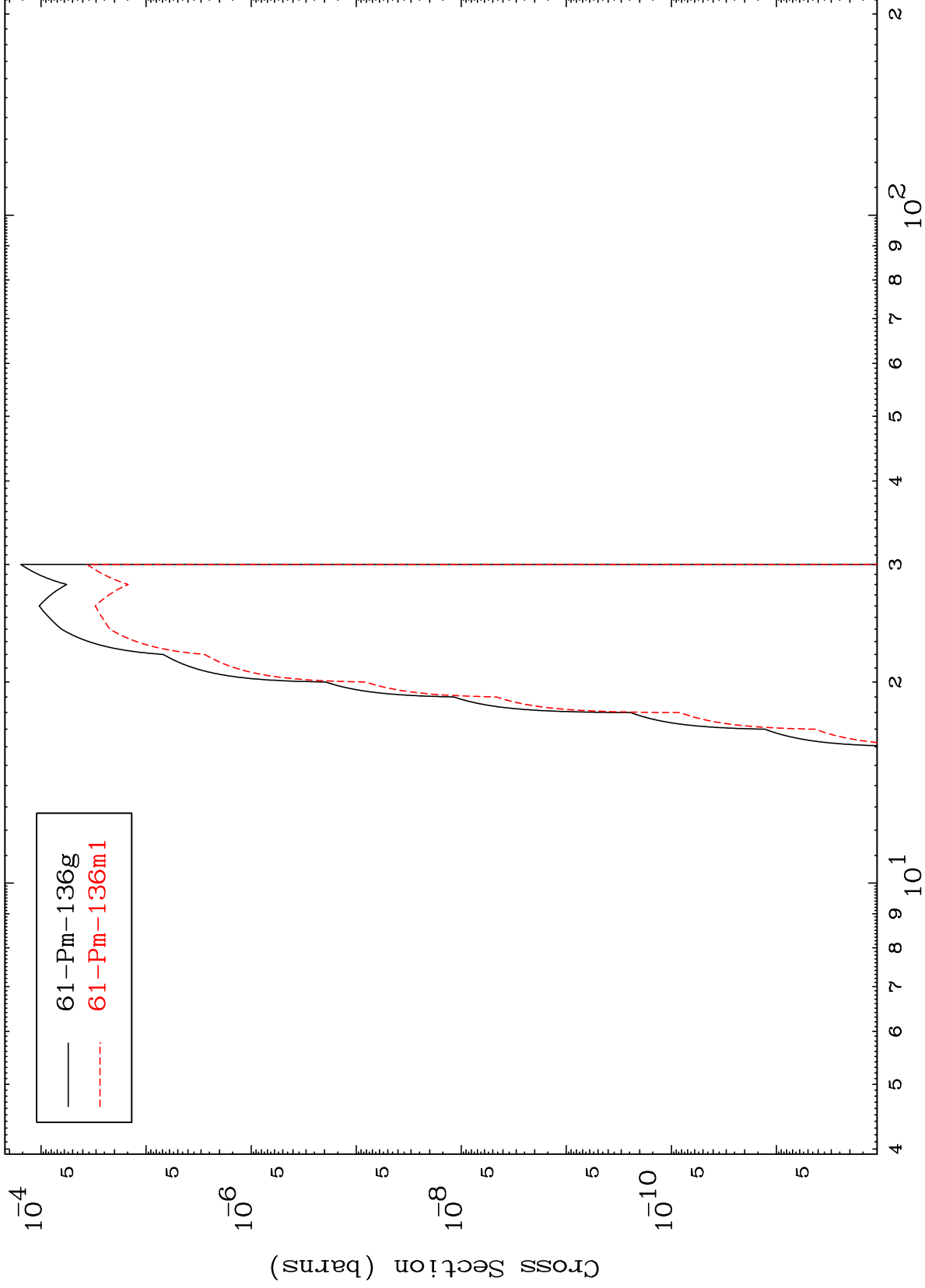
14

MAT 6210

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

62-Sm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-139

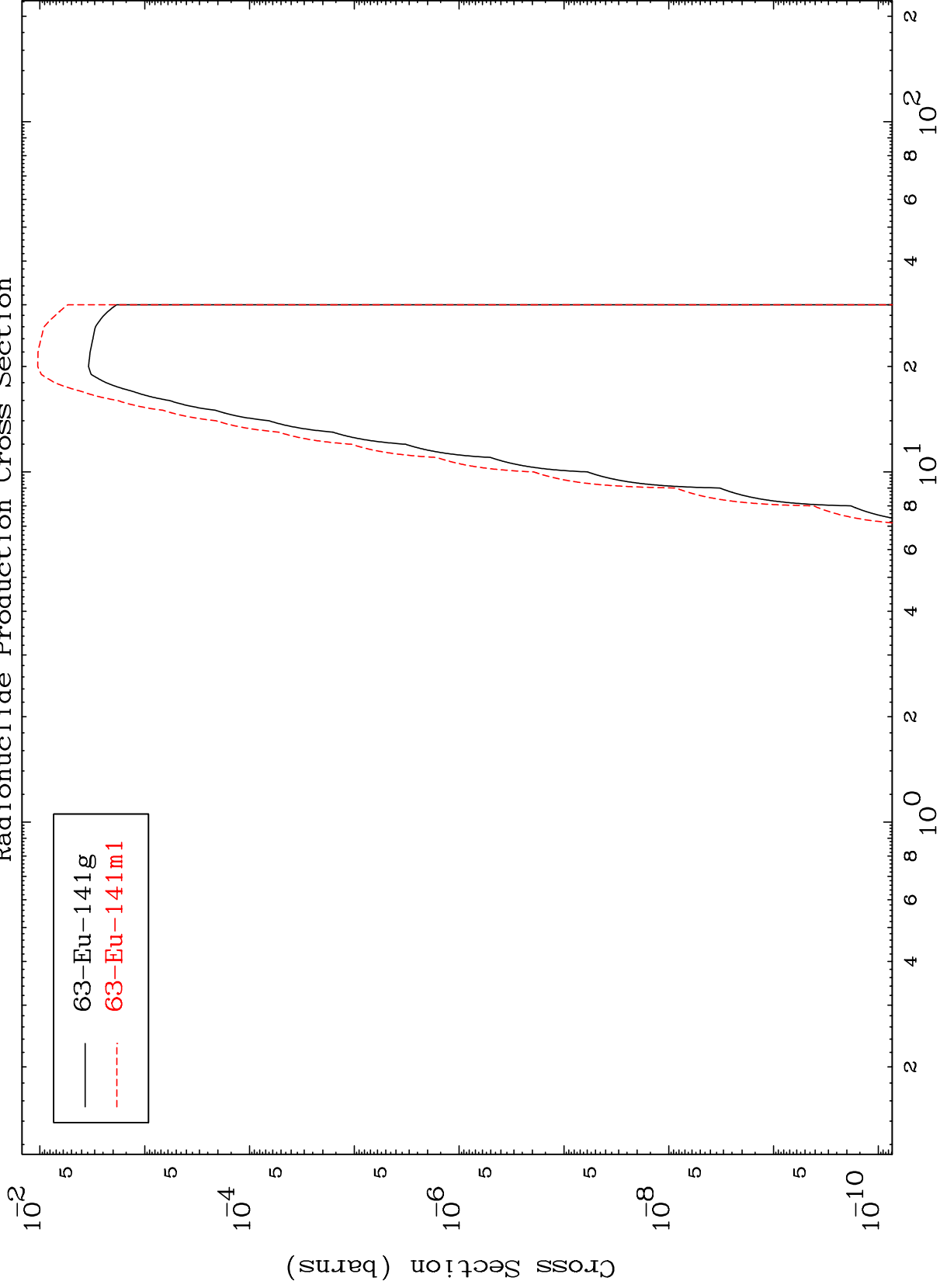


MAT 6210

(He-3, p)

62-Sm-139

Radionuclide Production Cross Section



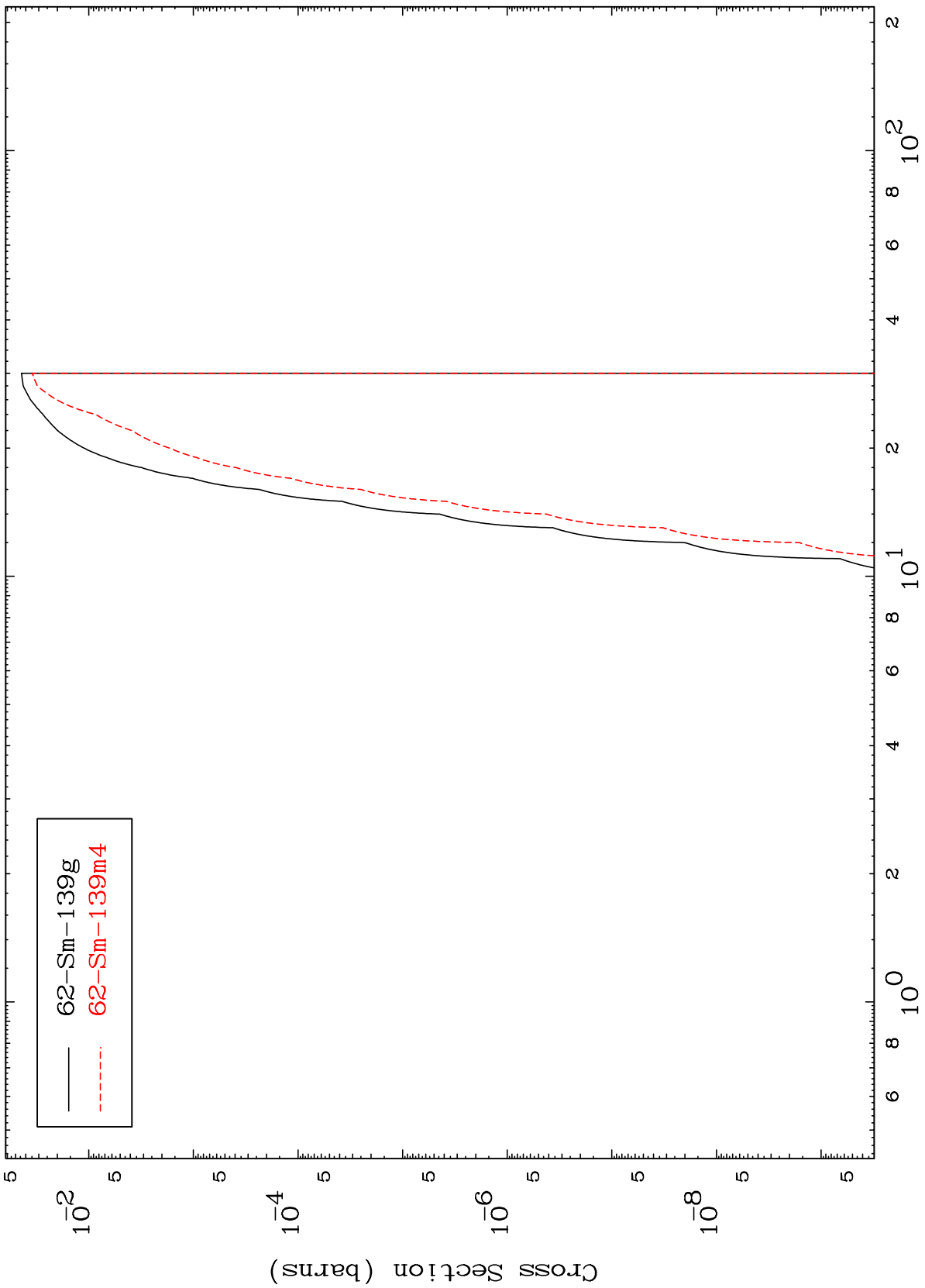
63-Eu-141g  
63-Eu-141m1

MAT 6210

(He-3, He-3)

62-Sm-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

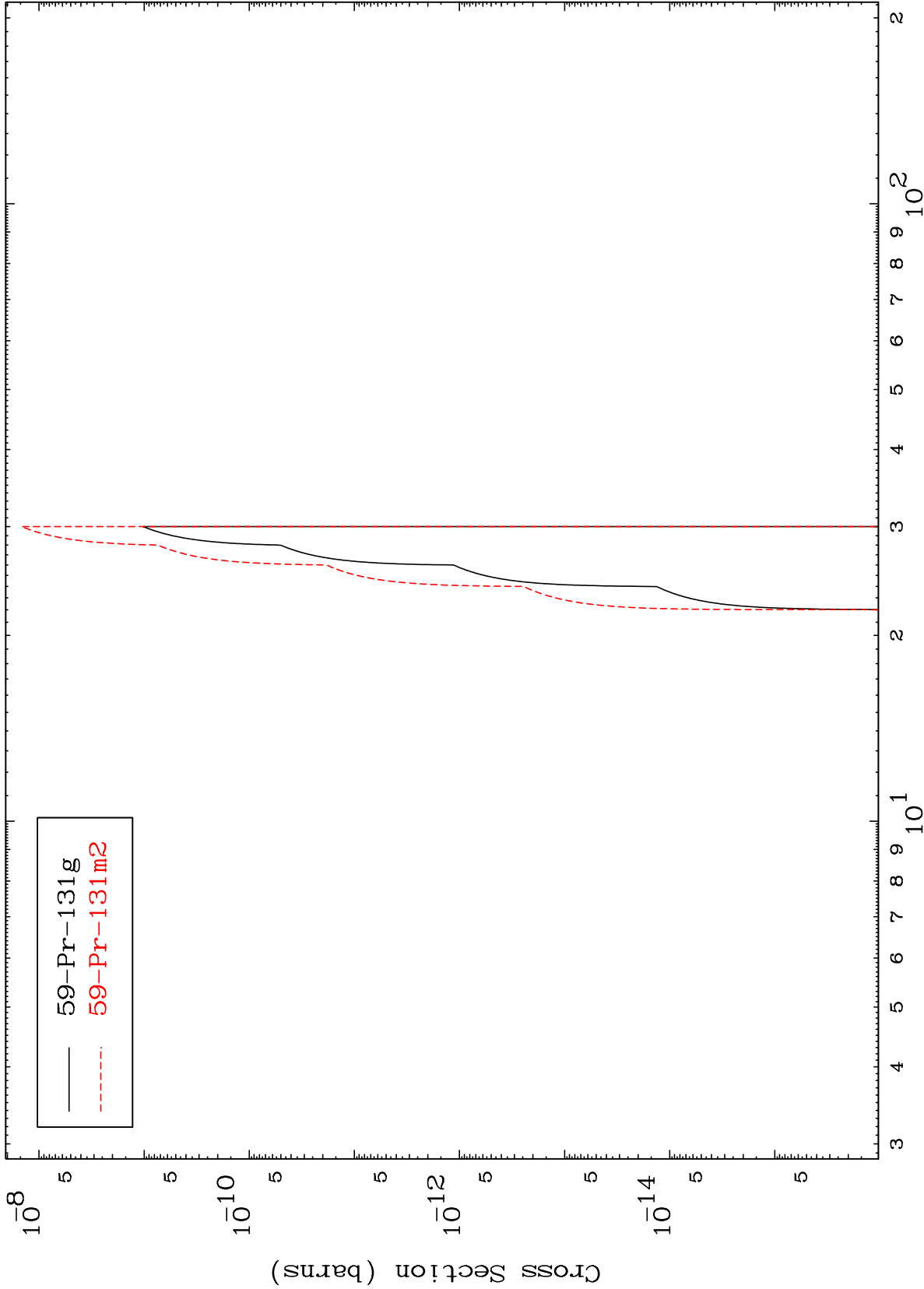
62-Sm-139

MAT 6210

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

62-Sm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

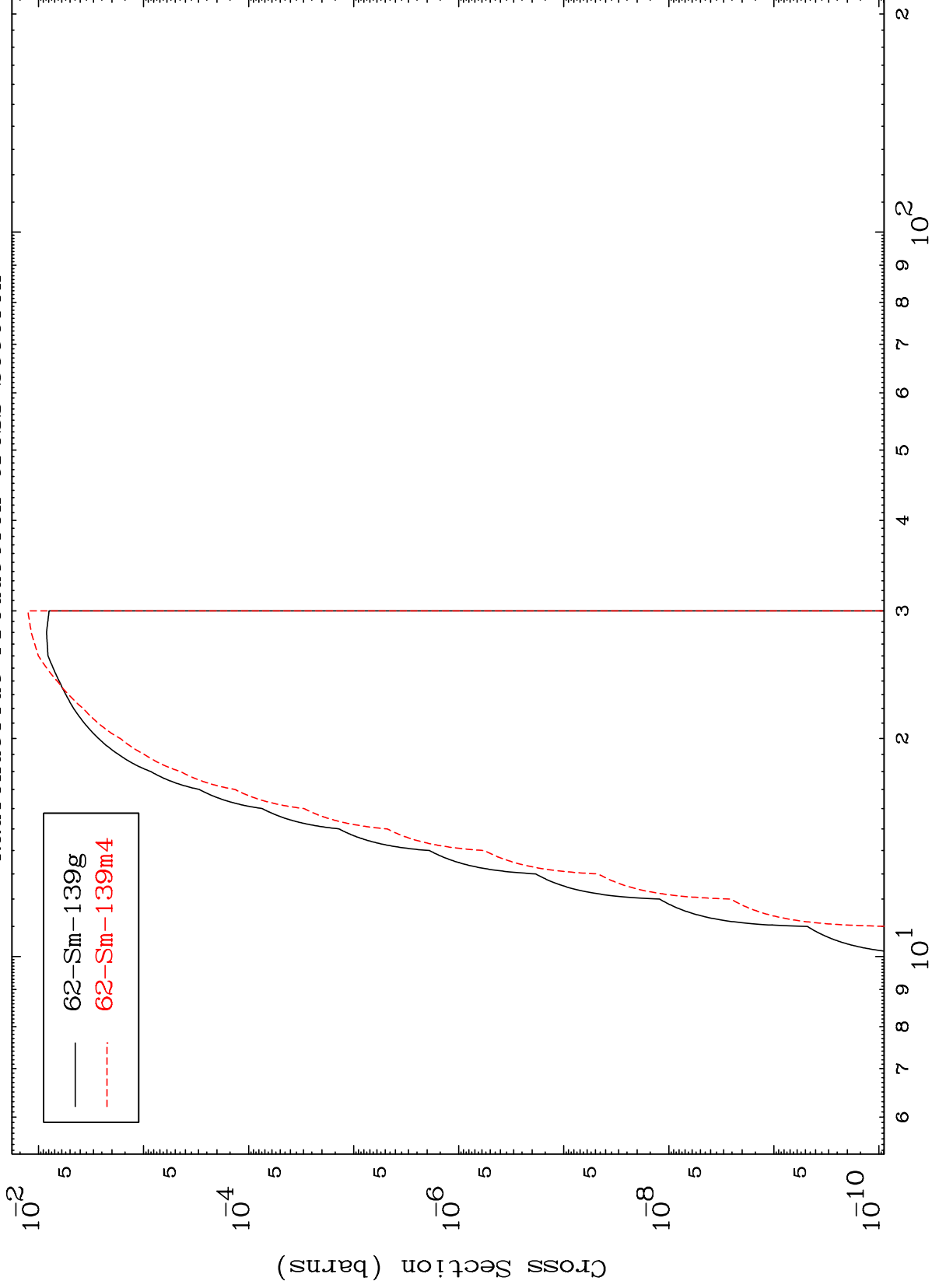
62-Sm-139

MAT 6210

(He-3,p) d

62-Sm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

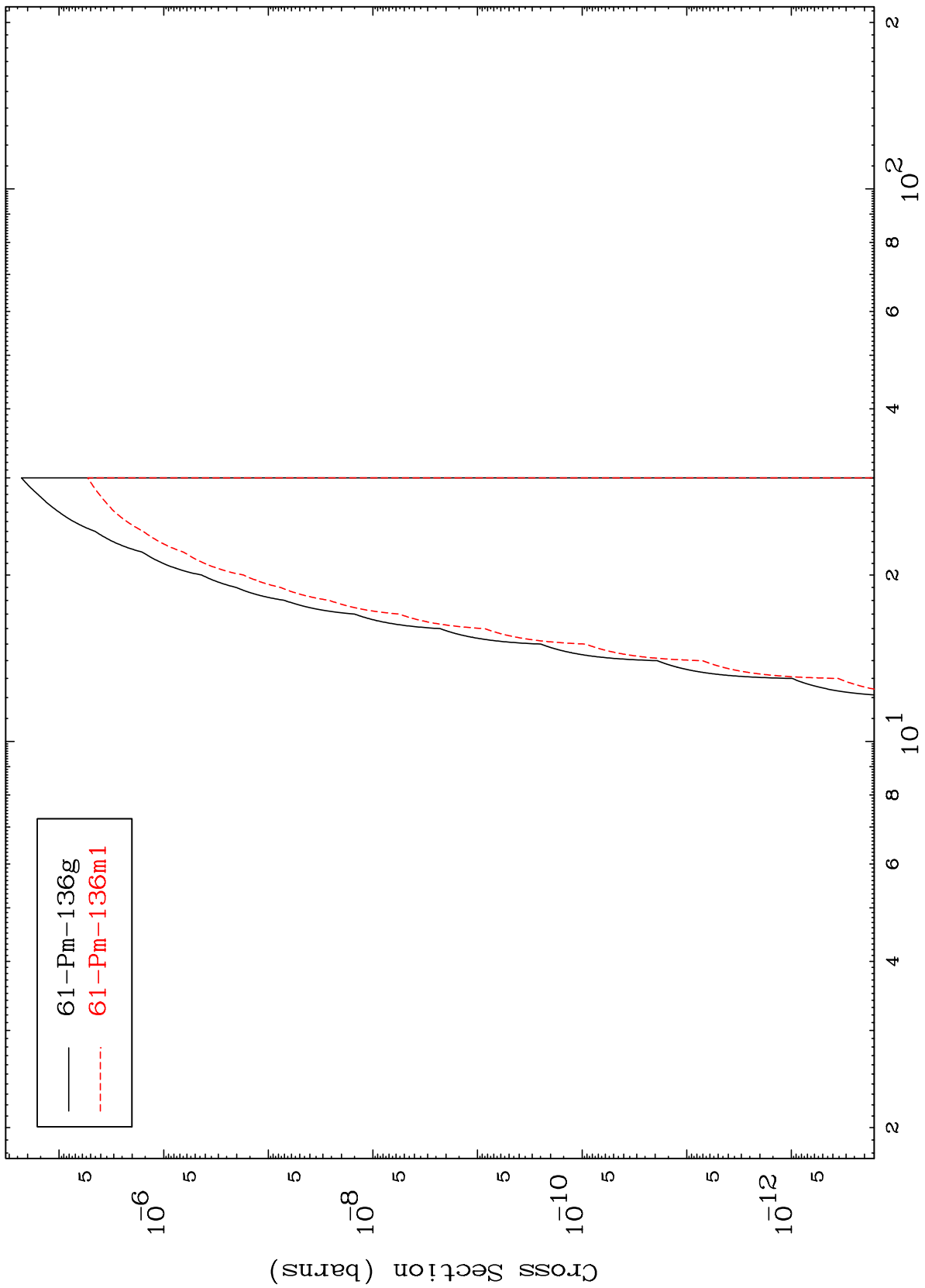
62-Sm-139

MAT 6210

(He-3, d)  $\alpha$

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

62-Sm-139