

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

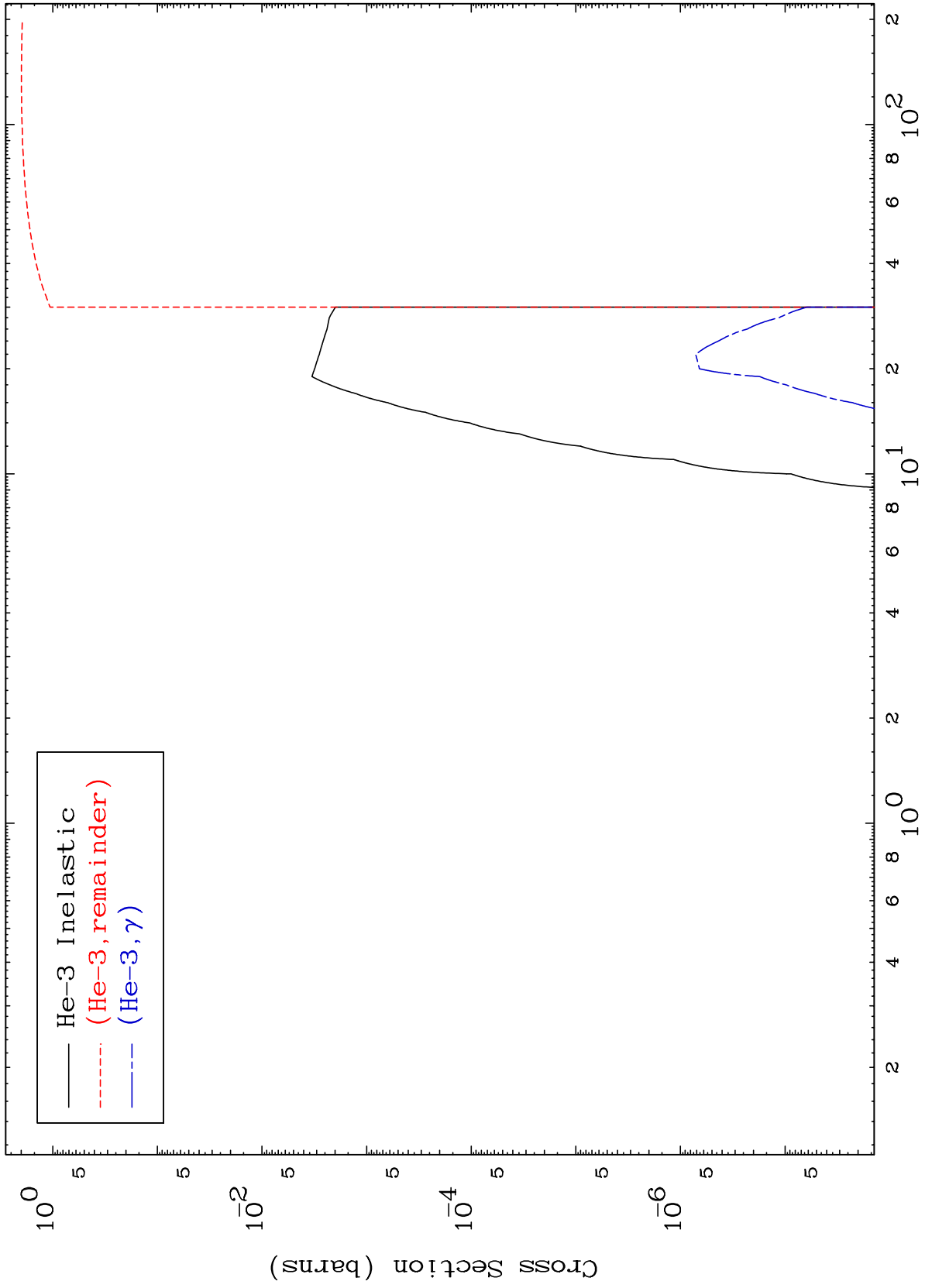
Press Mouse Button to Start

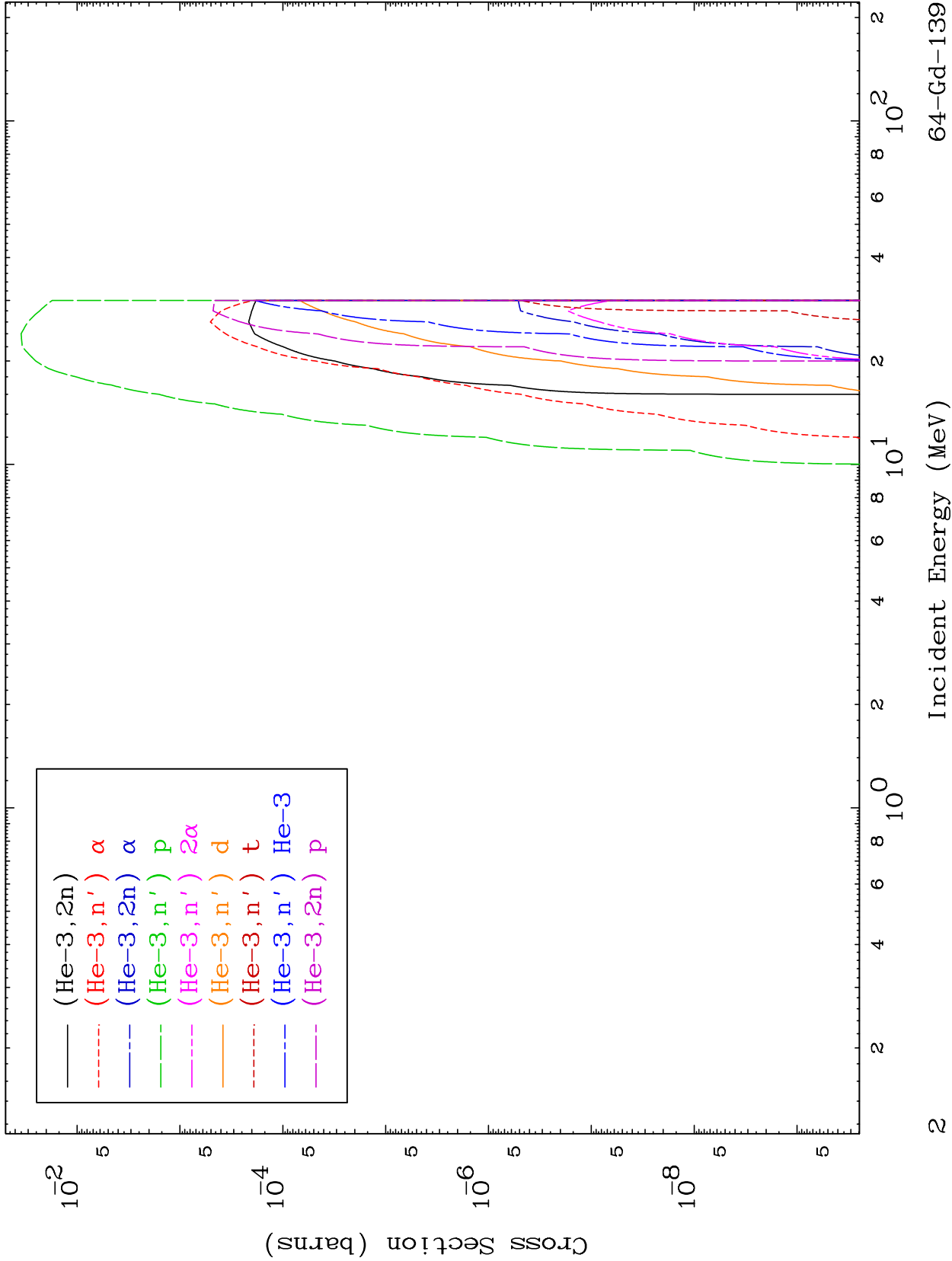
MAT 6387

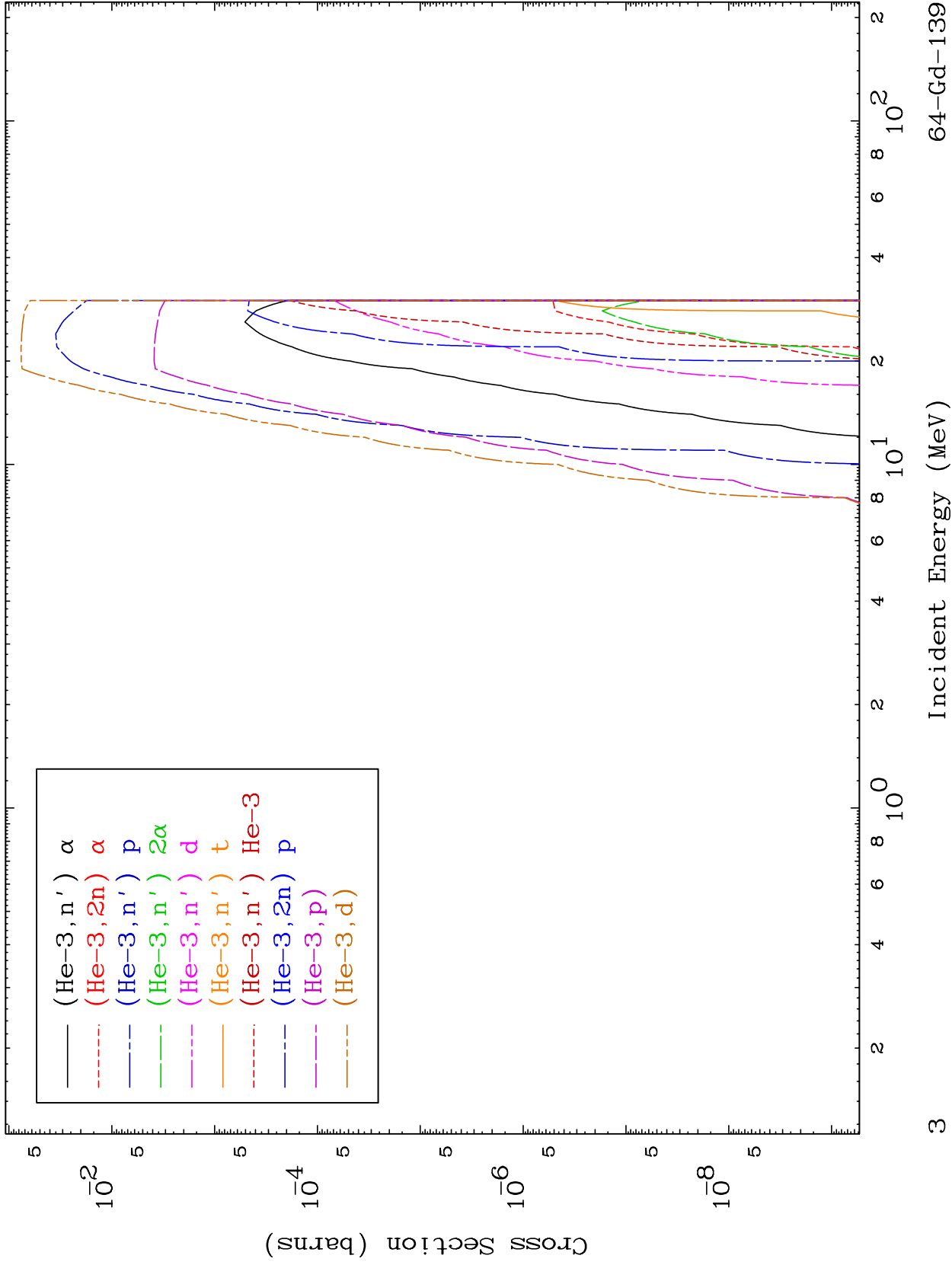
He-3 Major

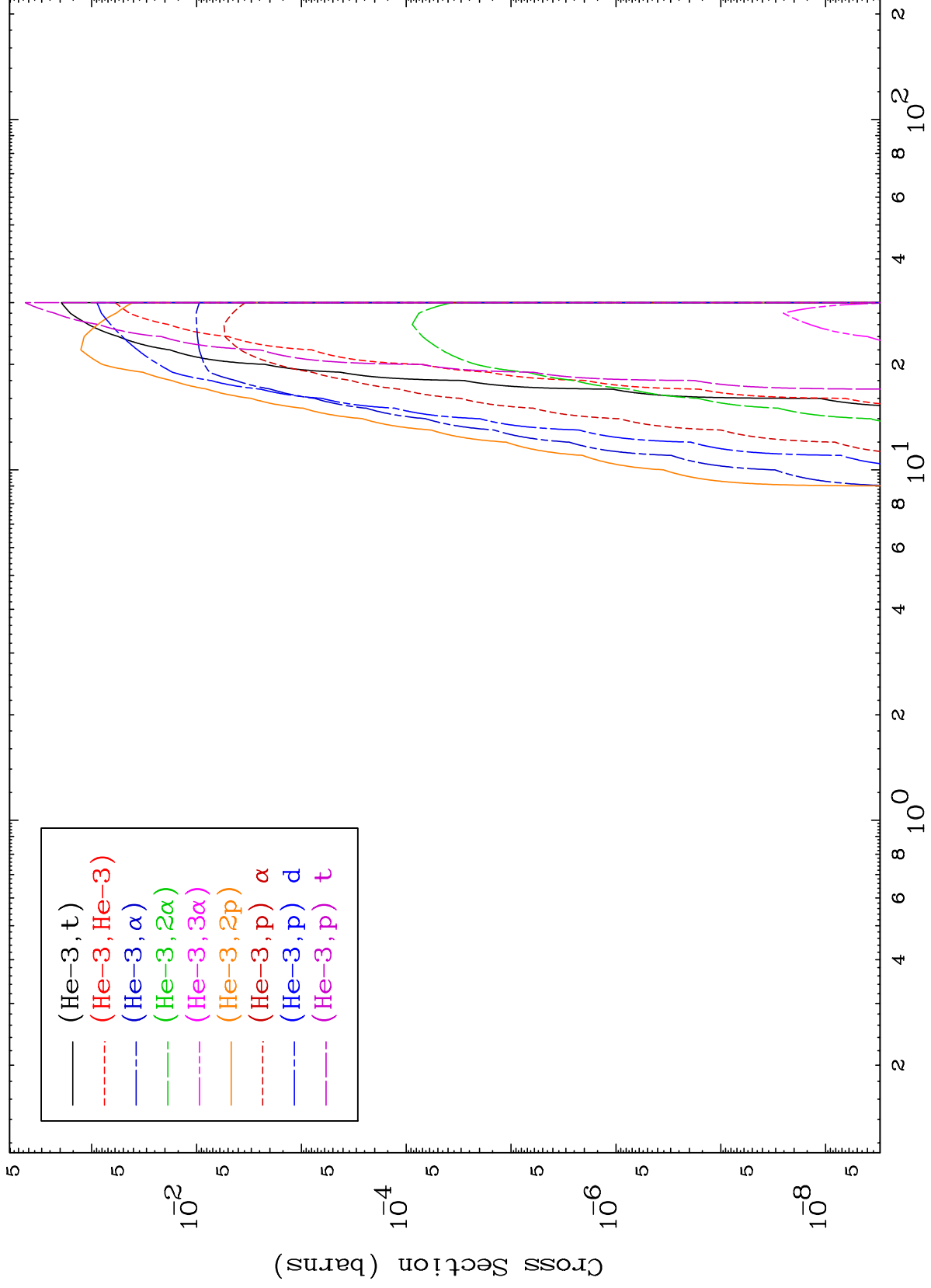
64-Gd-139

0 Kelvin Cross Sections







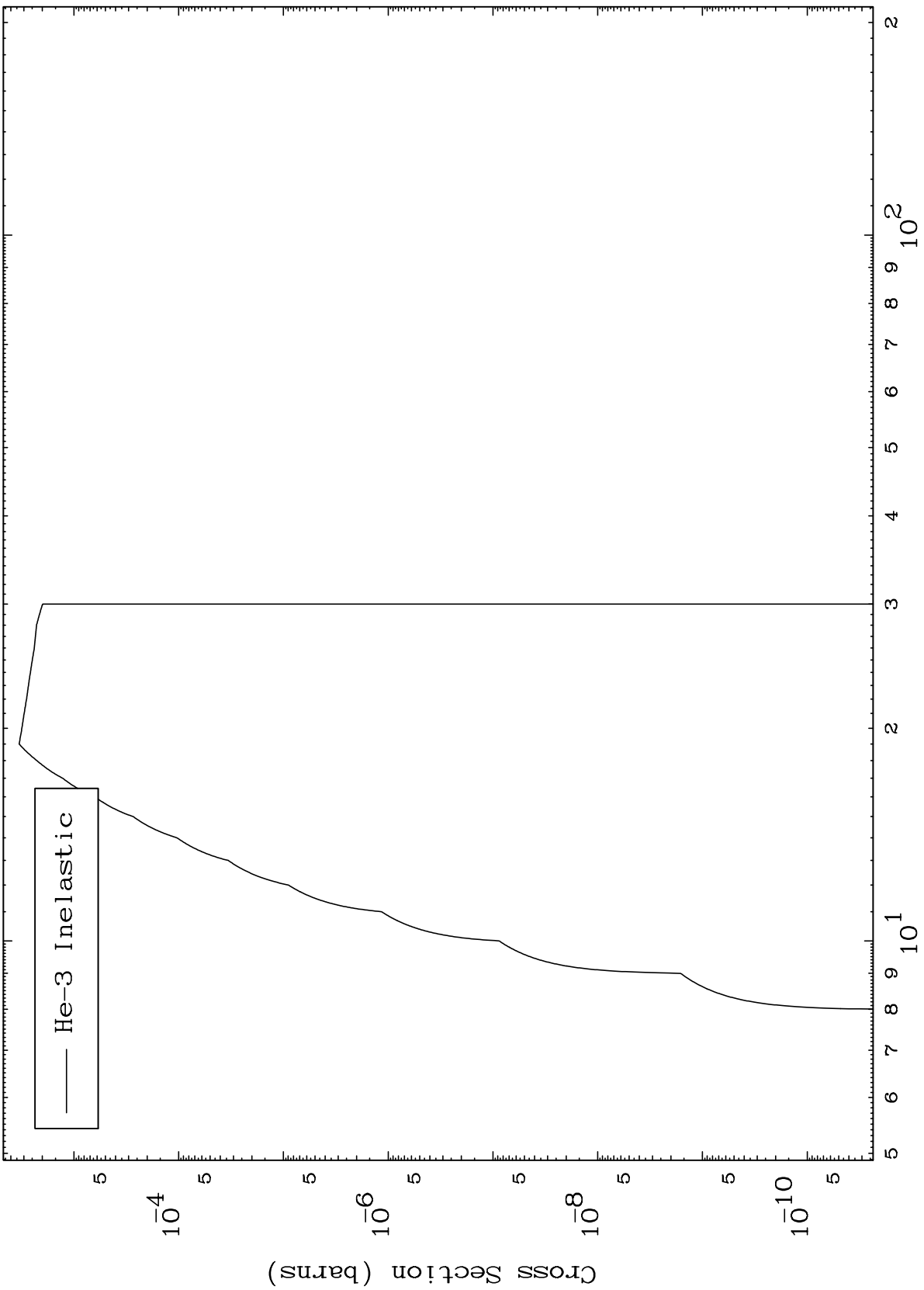


MAT 6387

(He-3, n') Level

64-Gd-139

0 Kelvin Cross Sections



Incident Energy (MeV)

64-Gd-139

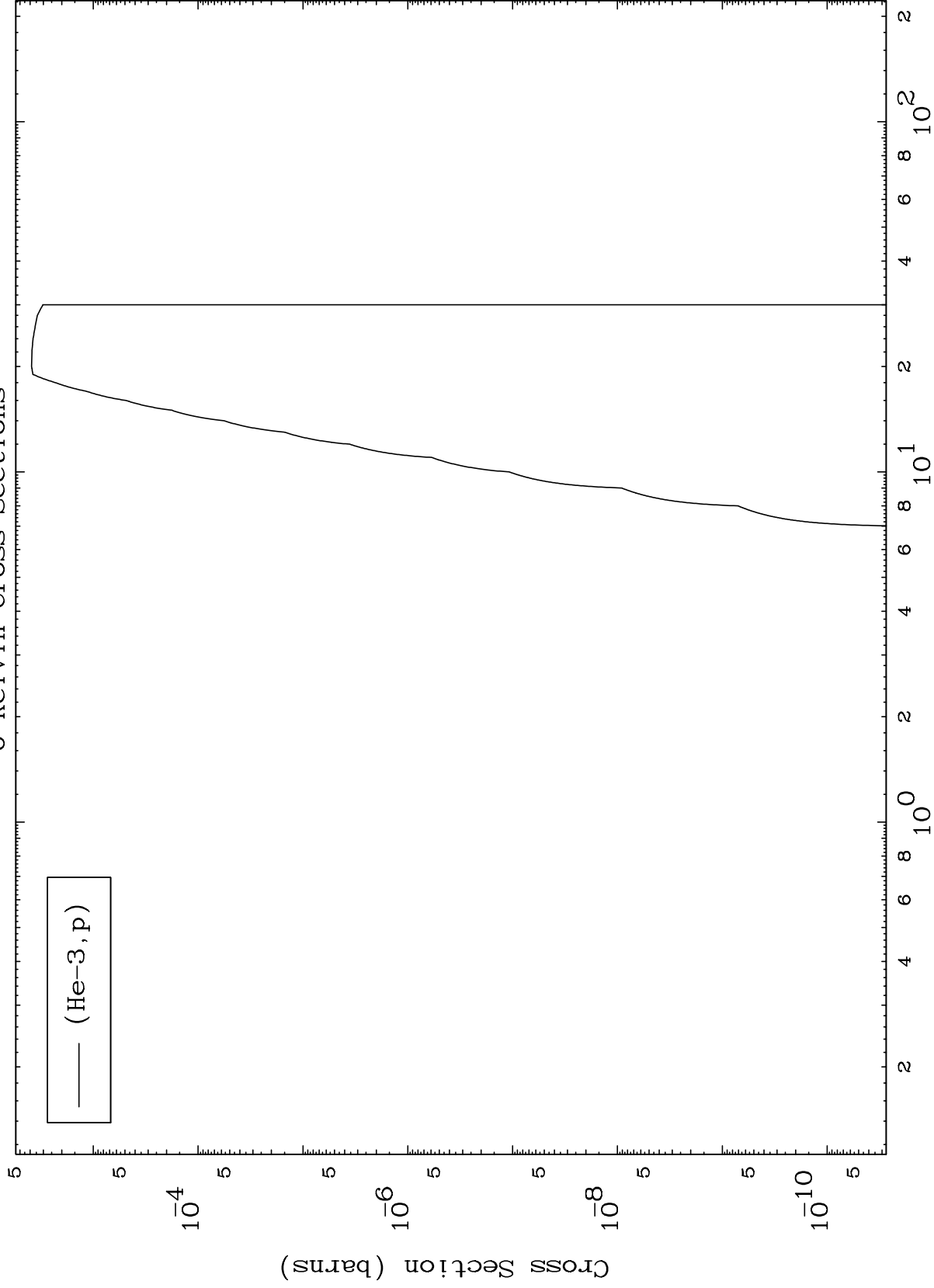
5

MAT 6387

(He-3,p) Levels

64-Gd-139

0 Kelvin Cross Sections



6

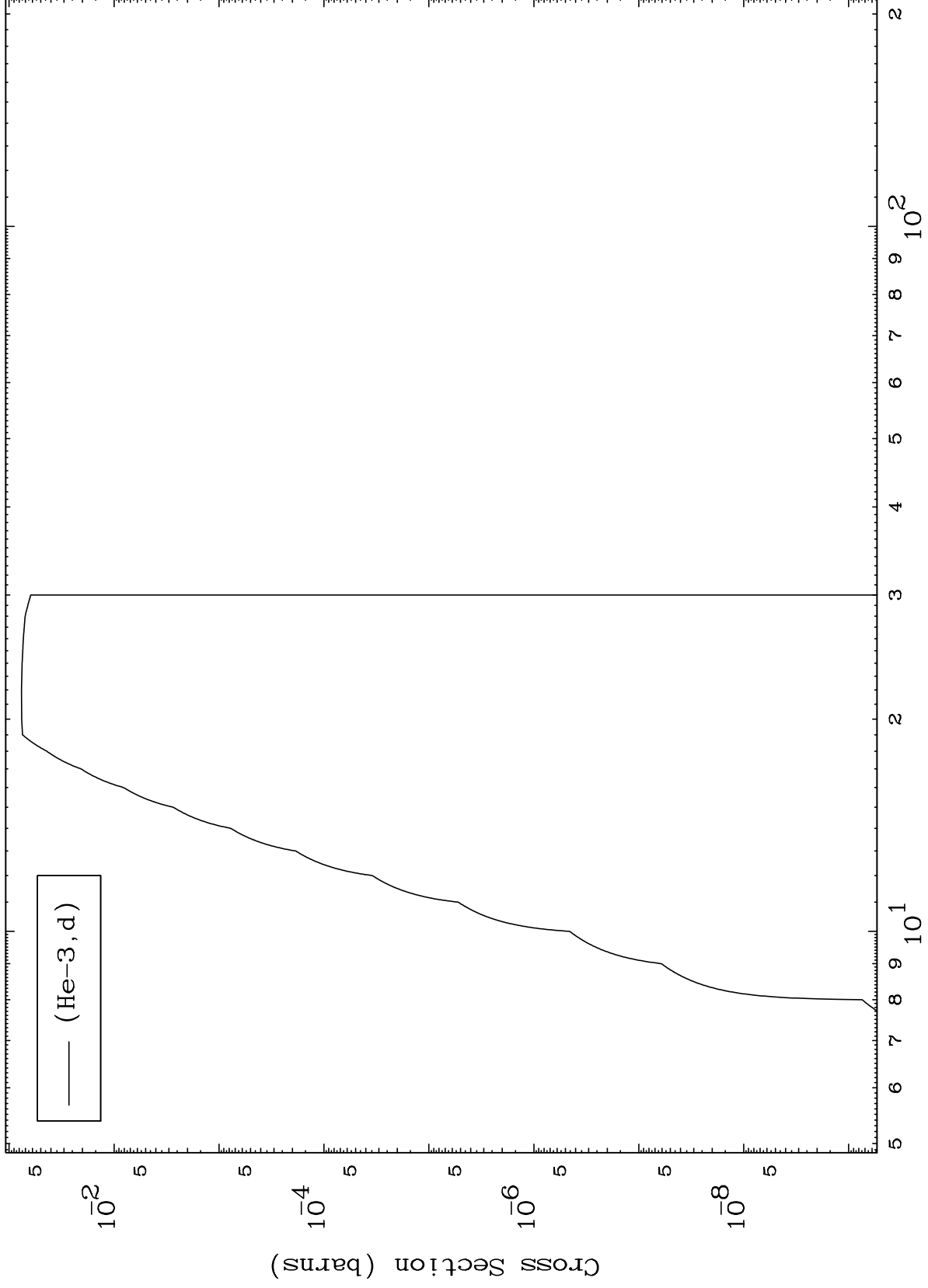
Incident Energy (MeV)

64-Gd-139

MAT 6387

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

64-Gd-139



7

Incident Energy (MeV)

64-Gd-139

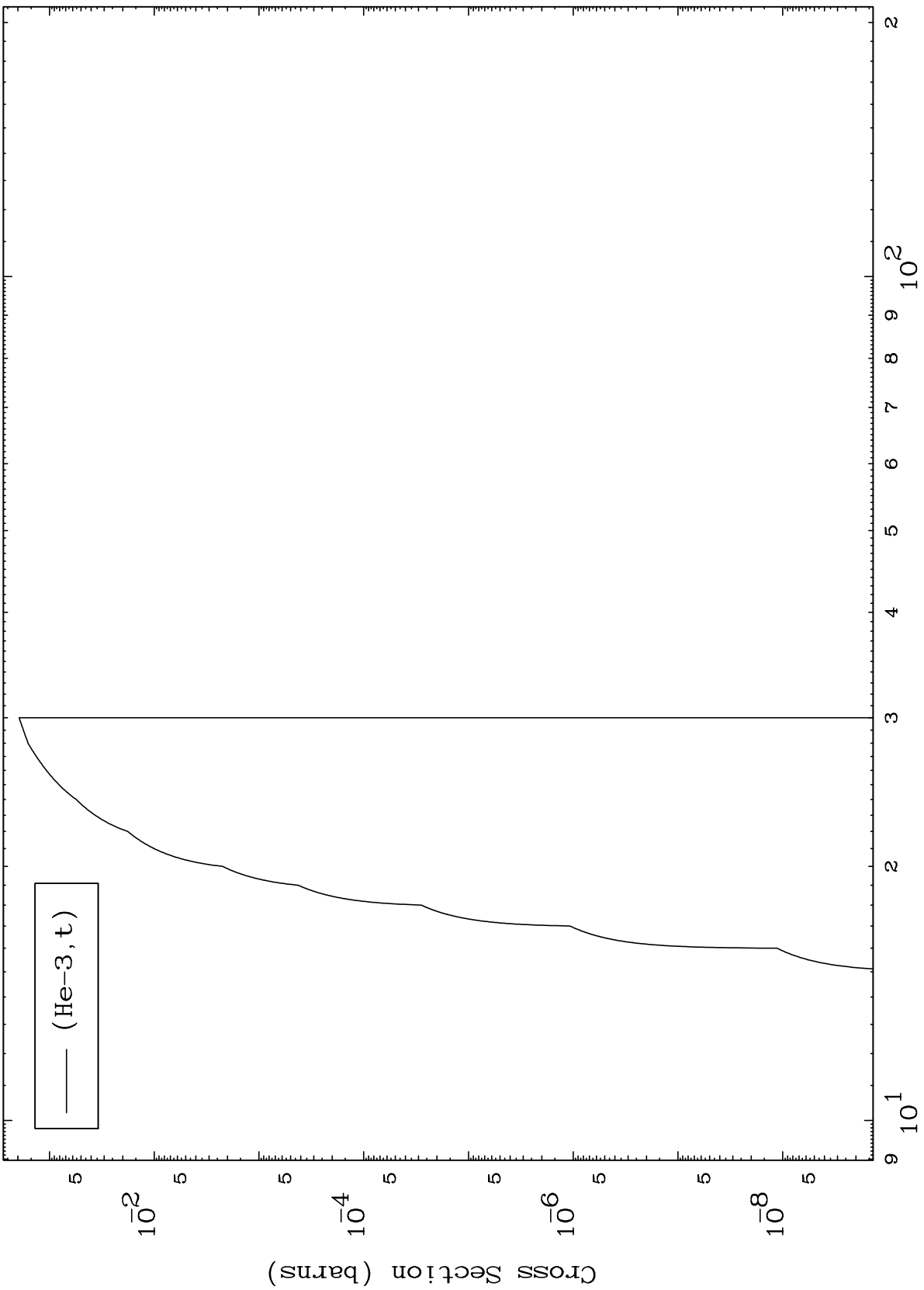


MAT 6387

(He-3,t) Levels

64-Gd-139

0 Kelvin Cross Sections

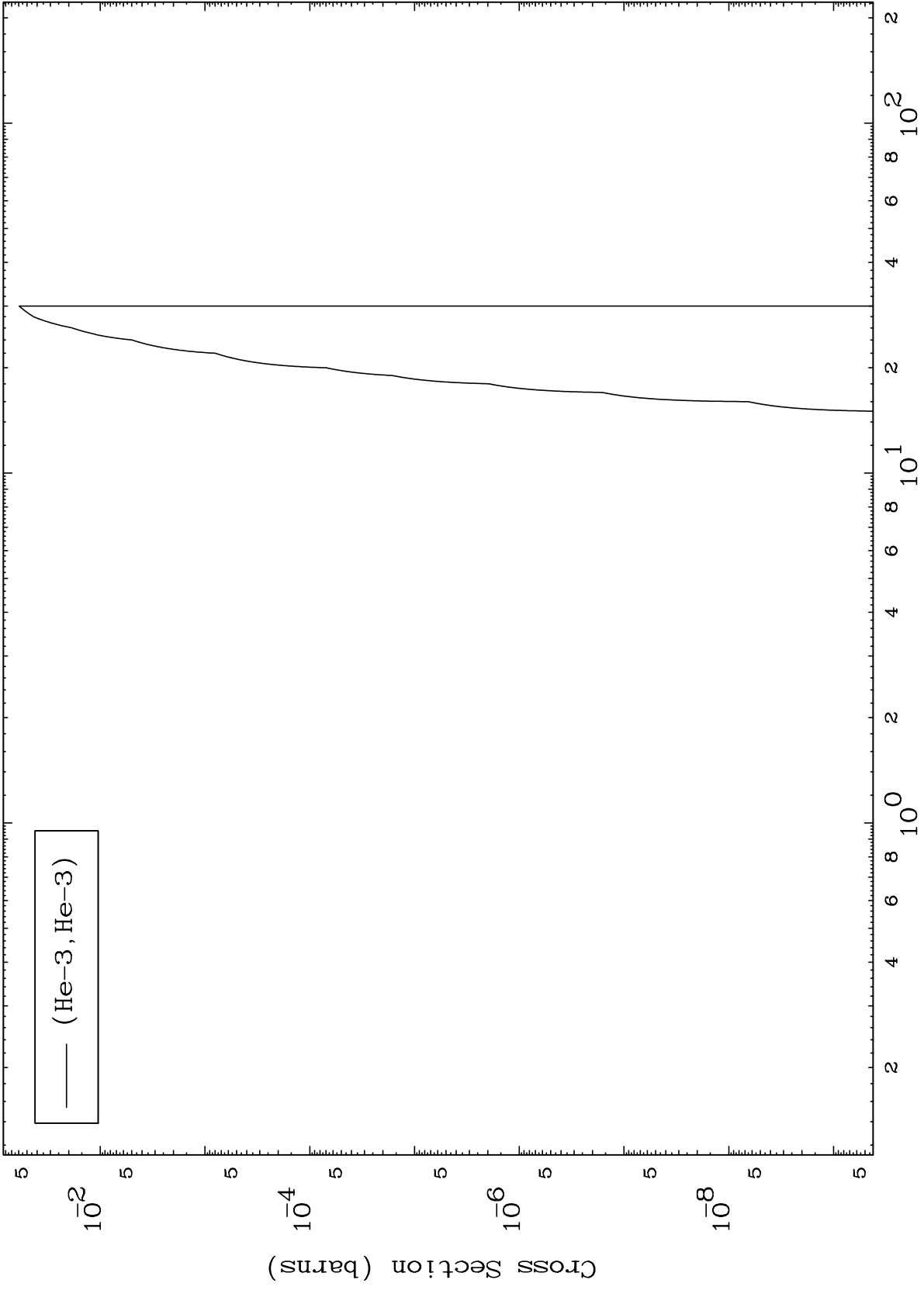


(He-3,t)

Incident Energy (MeV)

64-Gd-139

8

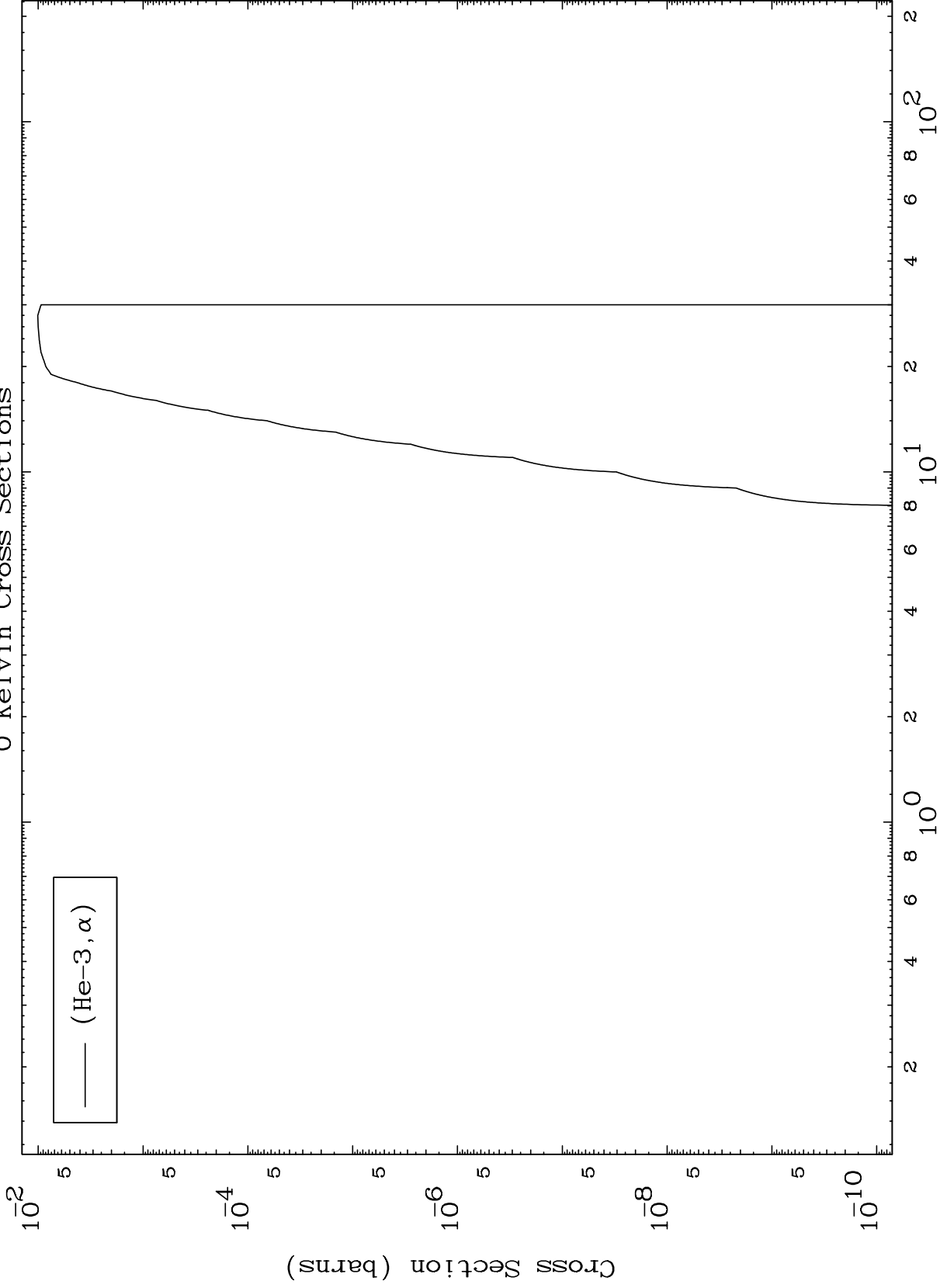


MAT 6387

(He-3,  $\alpha$ ) Levels

64-Gd-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

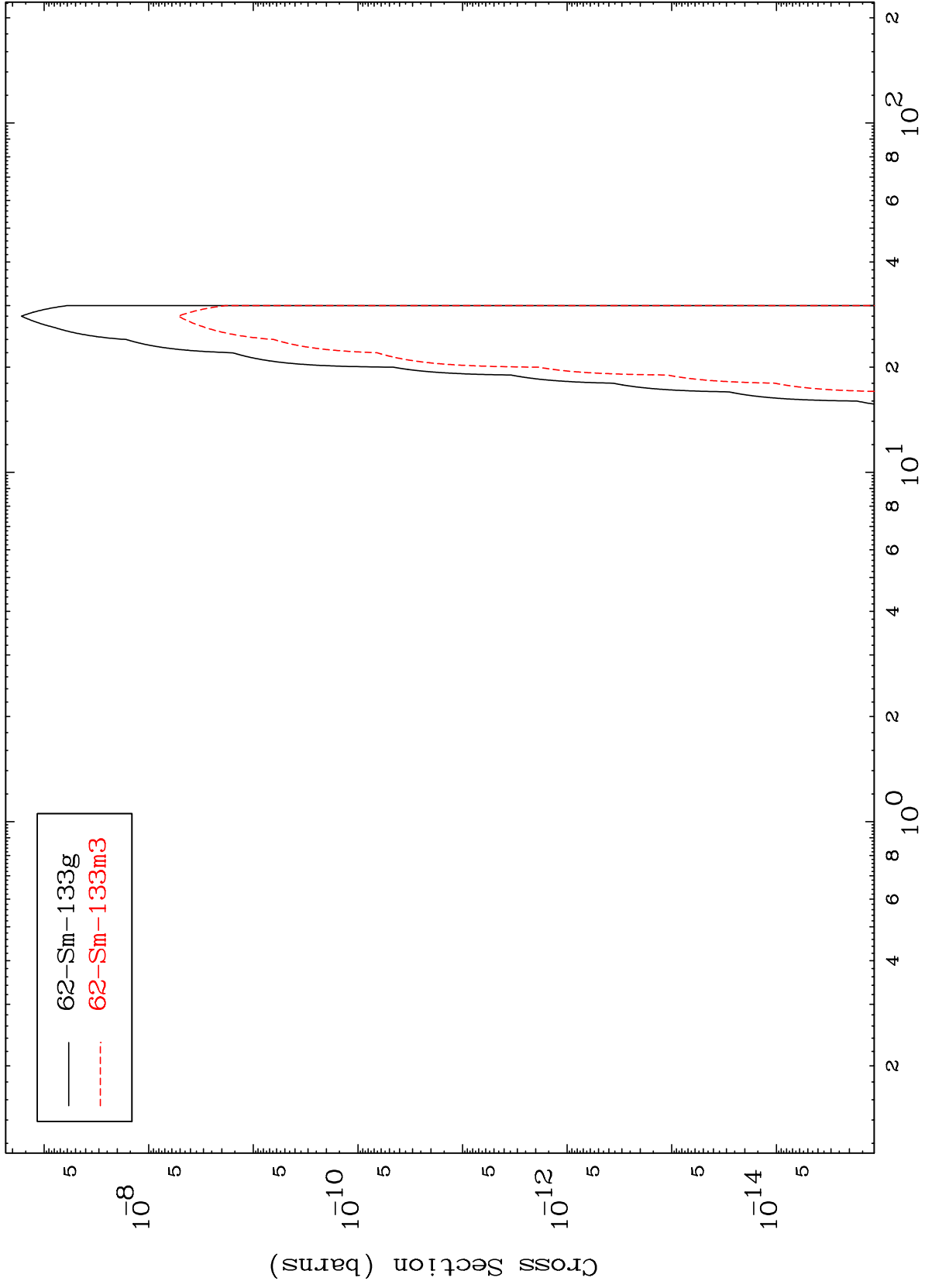
64-Gd-139

MAT 6387

(He-3, n') 2α

64-Gd-139

Radionuclide Production Cross Section

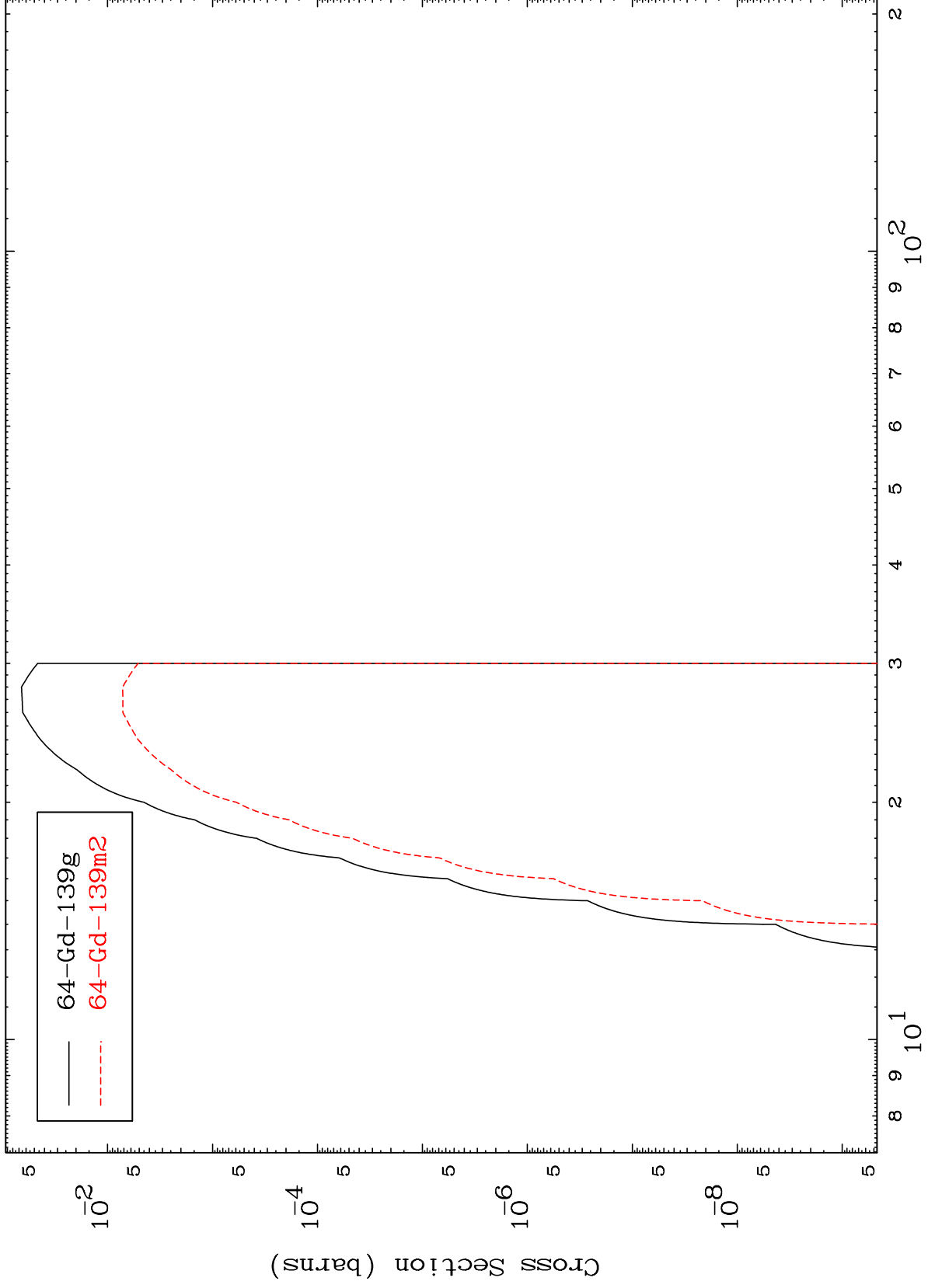


MAT 6387

(He-3,2n) p

64-Gd-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

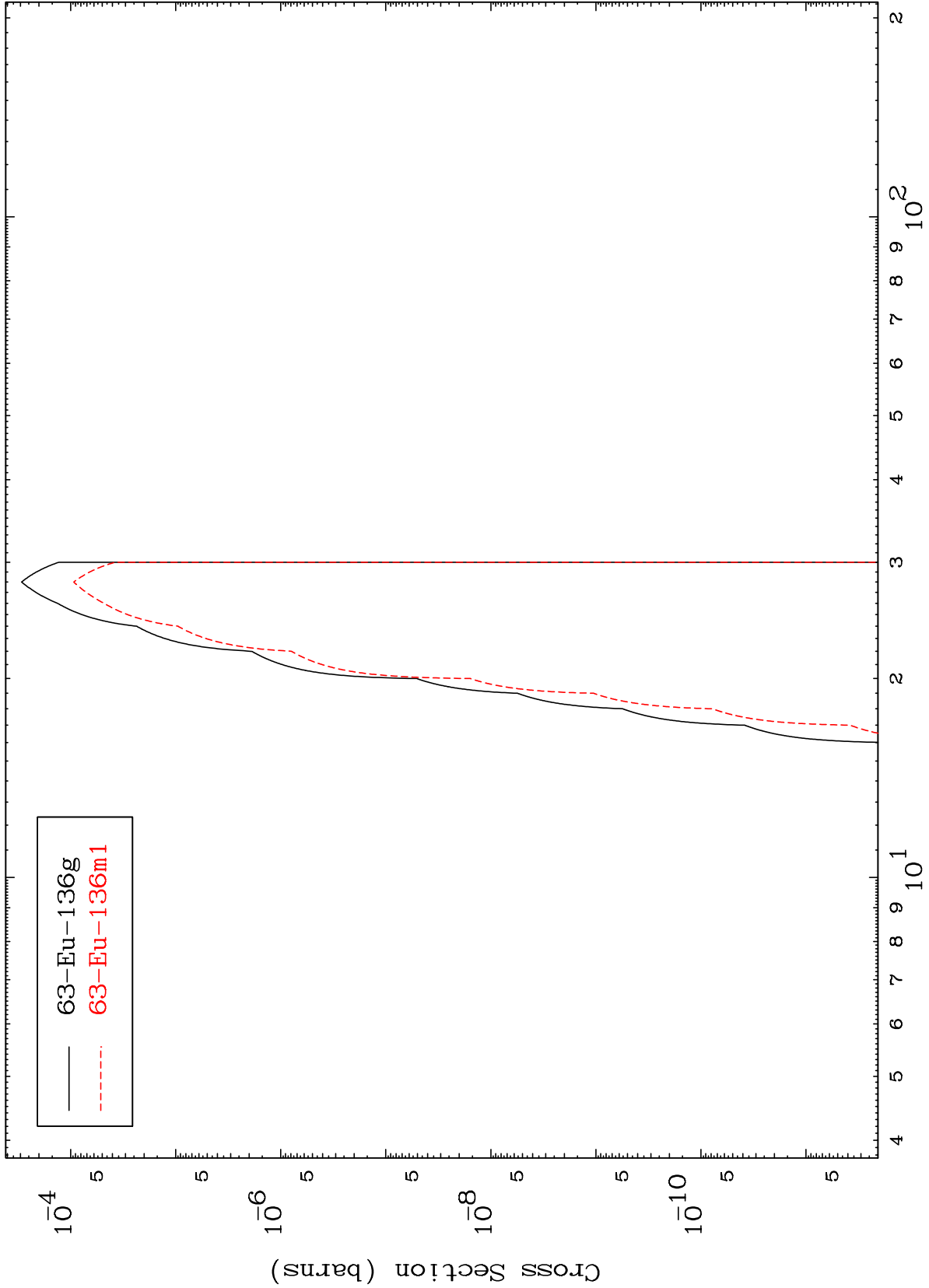
64-Gd-139

MAT 6387

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

64-Gd-139

Radionuclide Production Cross Section



63-Eu-136g  
63-Eu-136m1

13

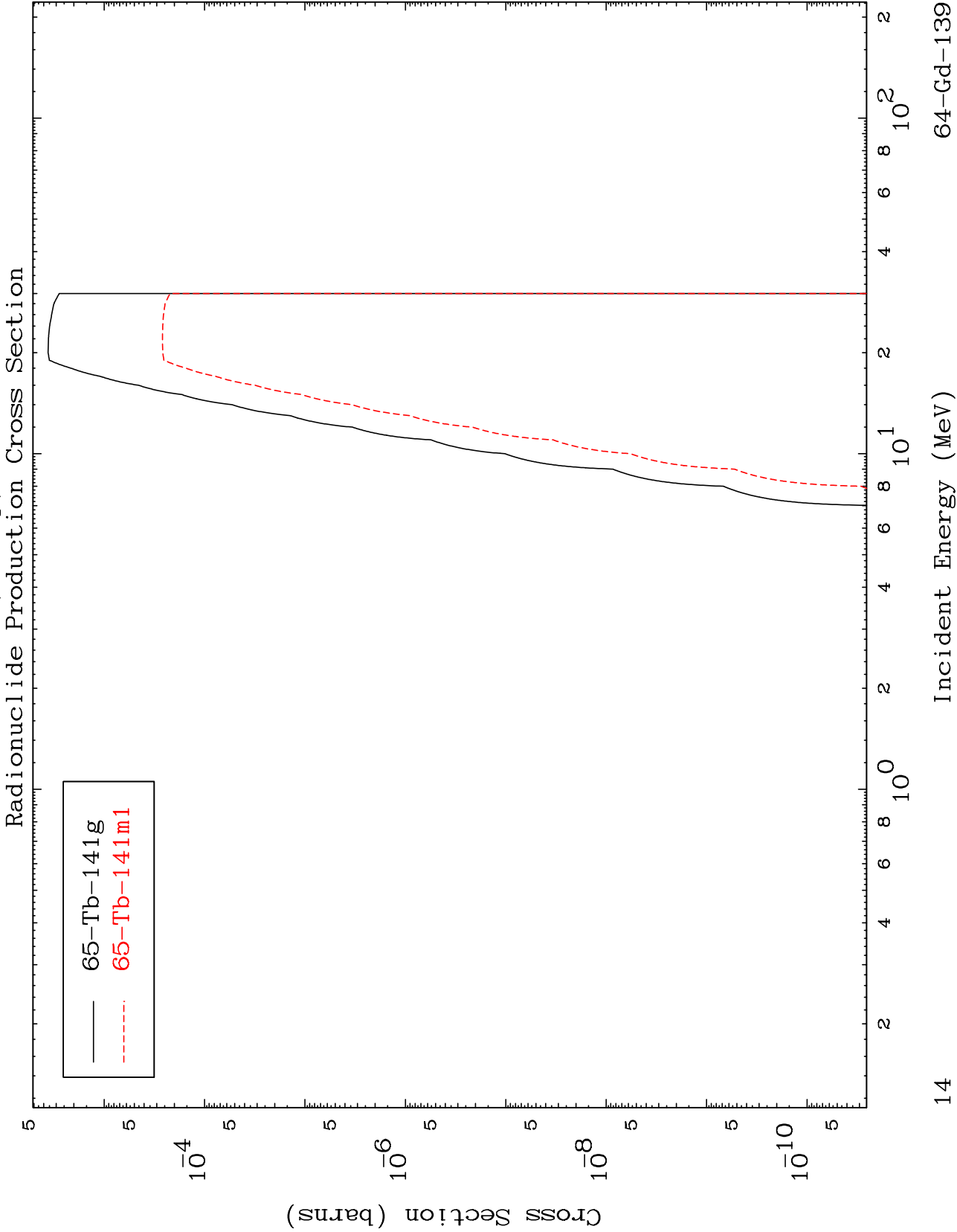
Incident Energy (MeV)

64-Gd-139

MAT 6387

(He-3,p)

64-Gd-139

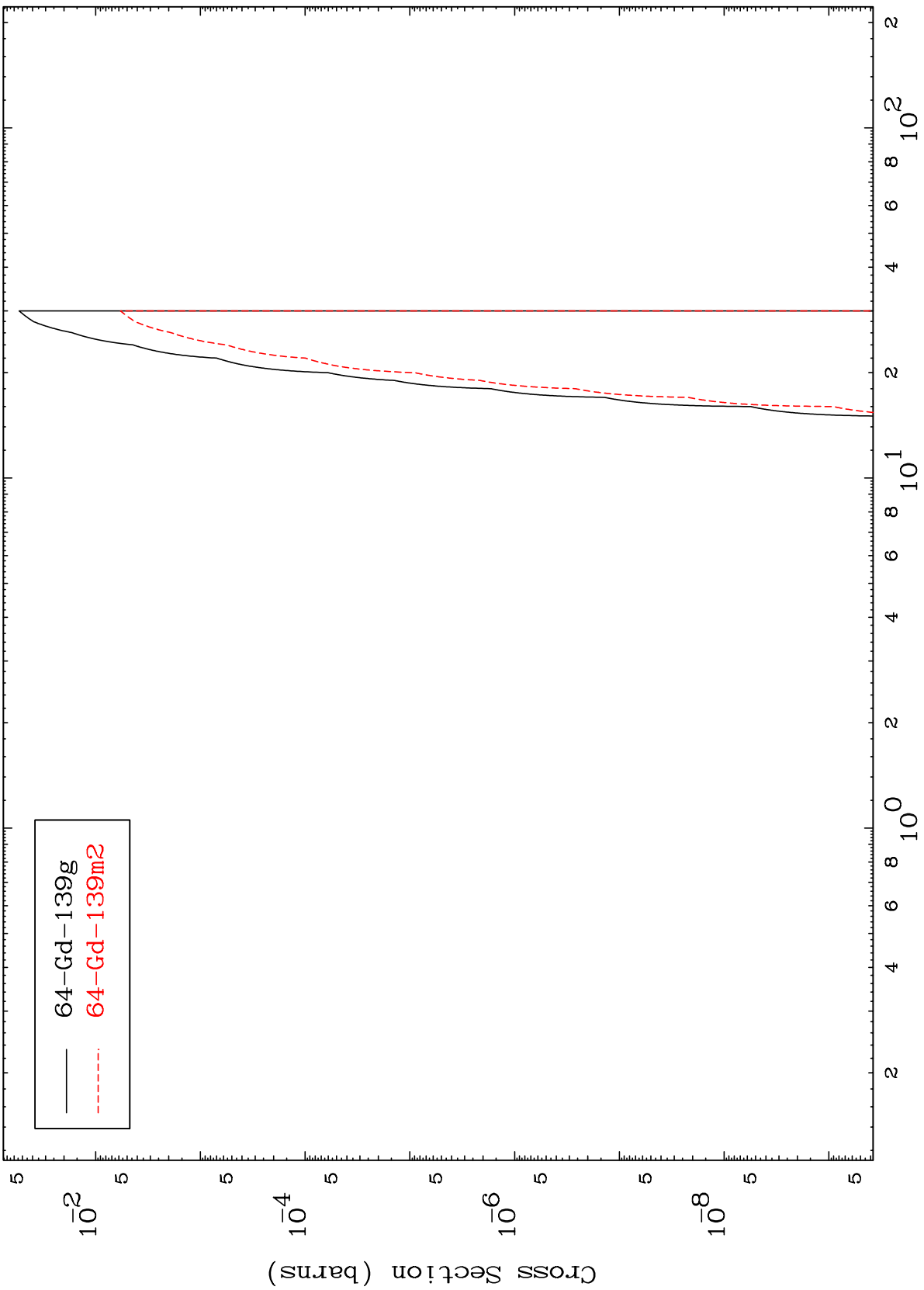


MAT 6387

(He-3, He-3)

64-Gd-139

Radionuclide Production Cross Section



64-Gd-139g  
64-Gd-139m2

15

Incident Energy (MeV)

64-Gd-139

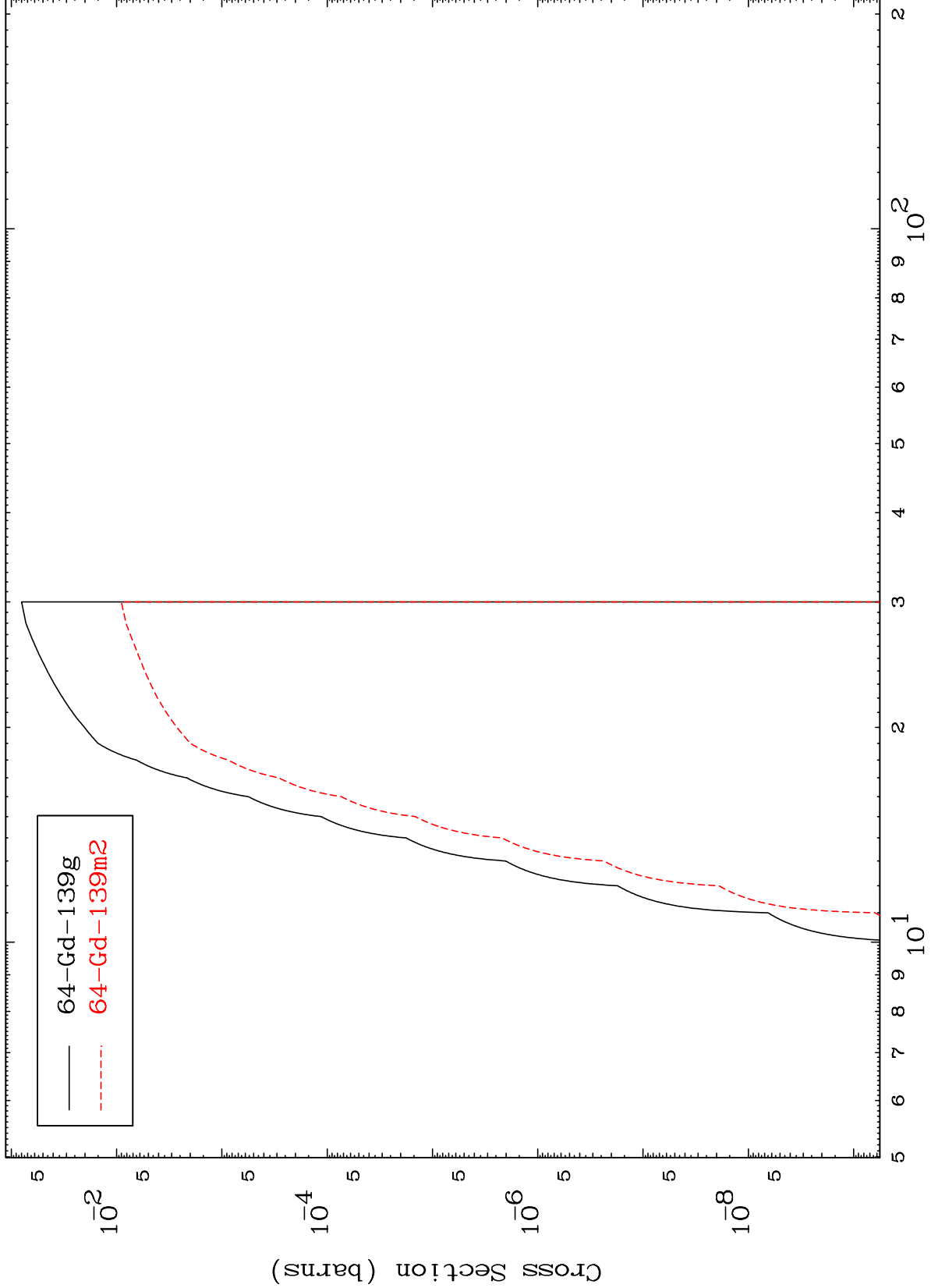


MAT 6387

(He-3, p) d

64-Gd-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

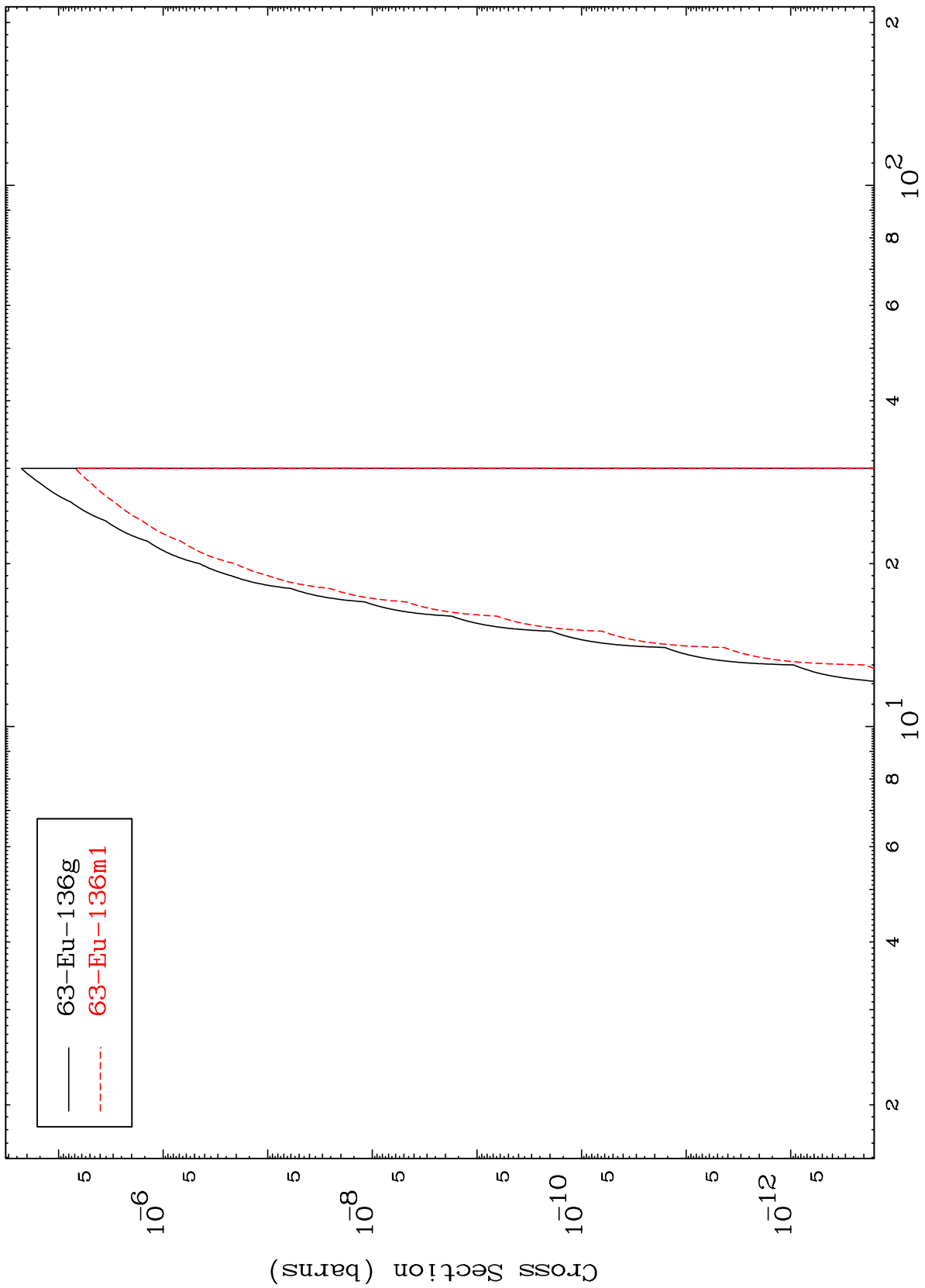
64-Gd-139

MAT 6387

(He-3, d)  $\alpha$

64-Gd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-139