

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

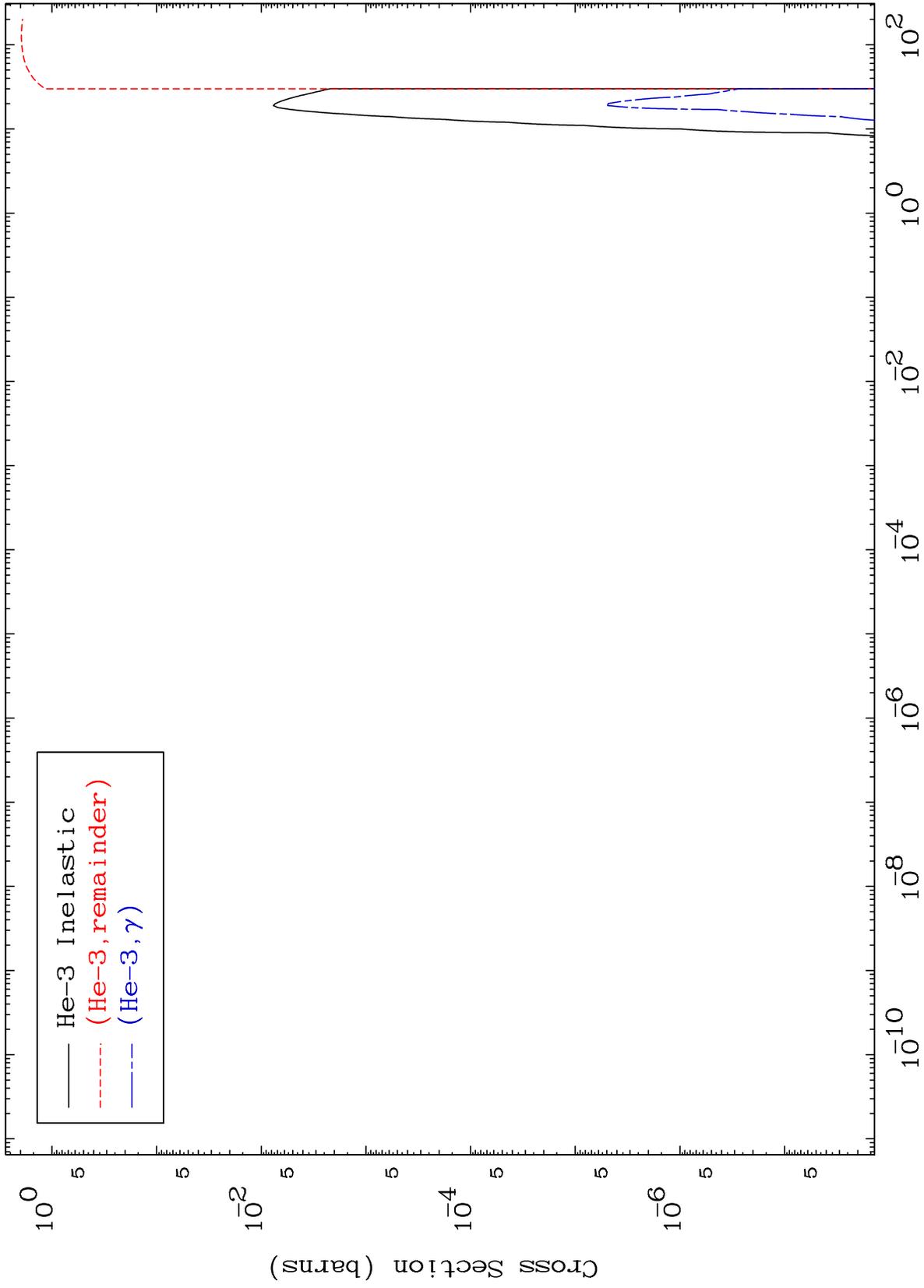
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5810

He-3 Major  
0 Kelvin Cross Sections

58-Ce-131



1

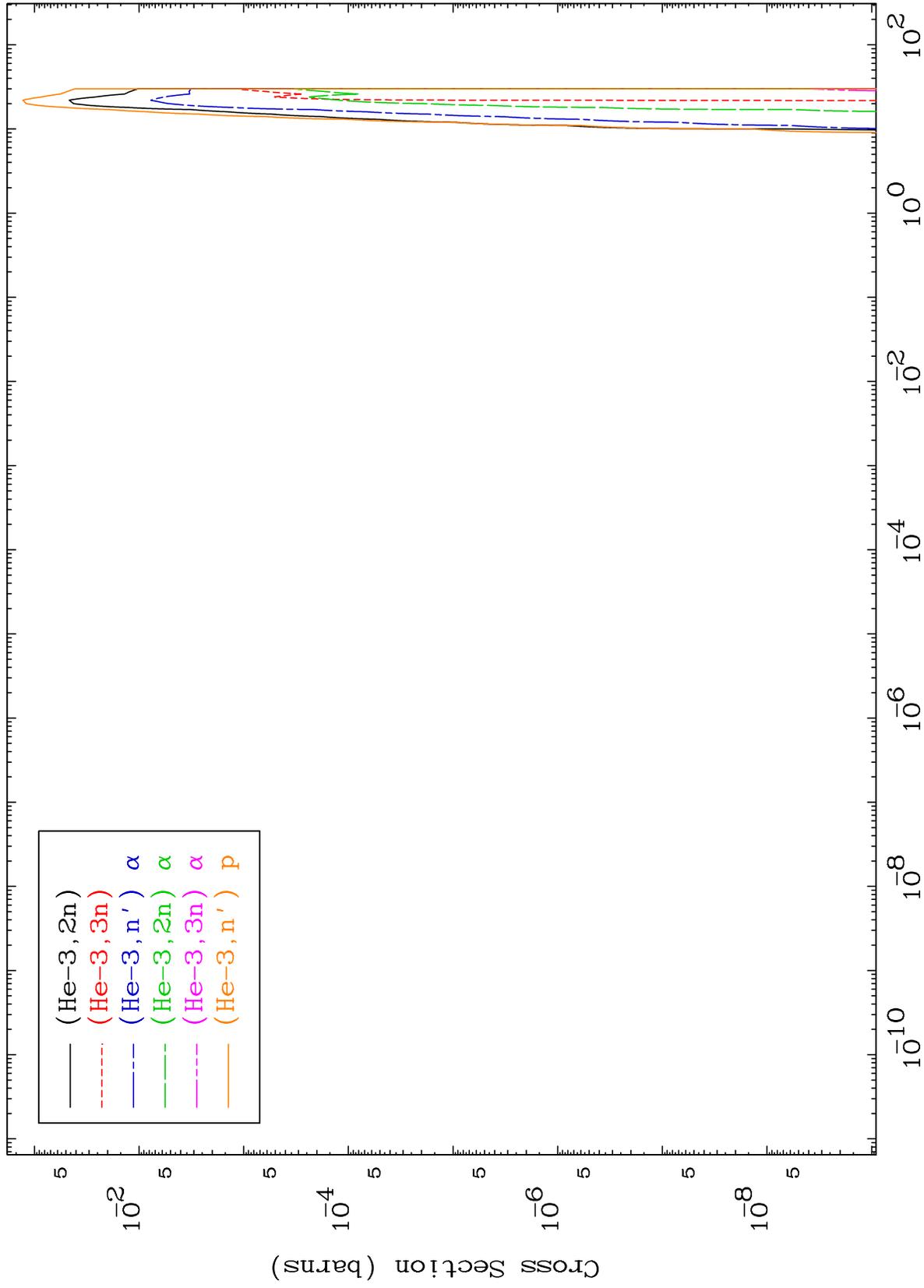
Incident Energy (MeV)

58-Ce-131

MAT 5810

He-3 Neutron Production  
0 Kelvin Cross Sections

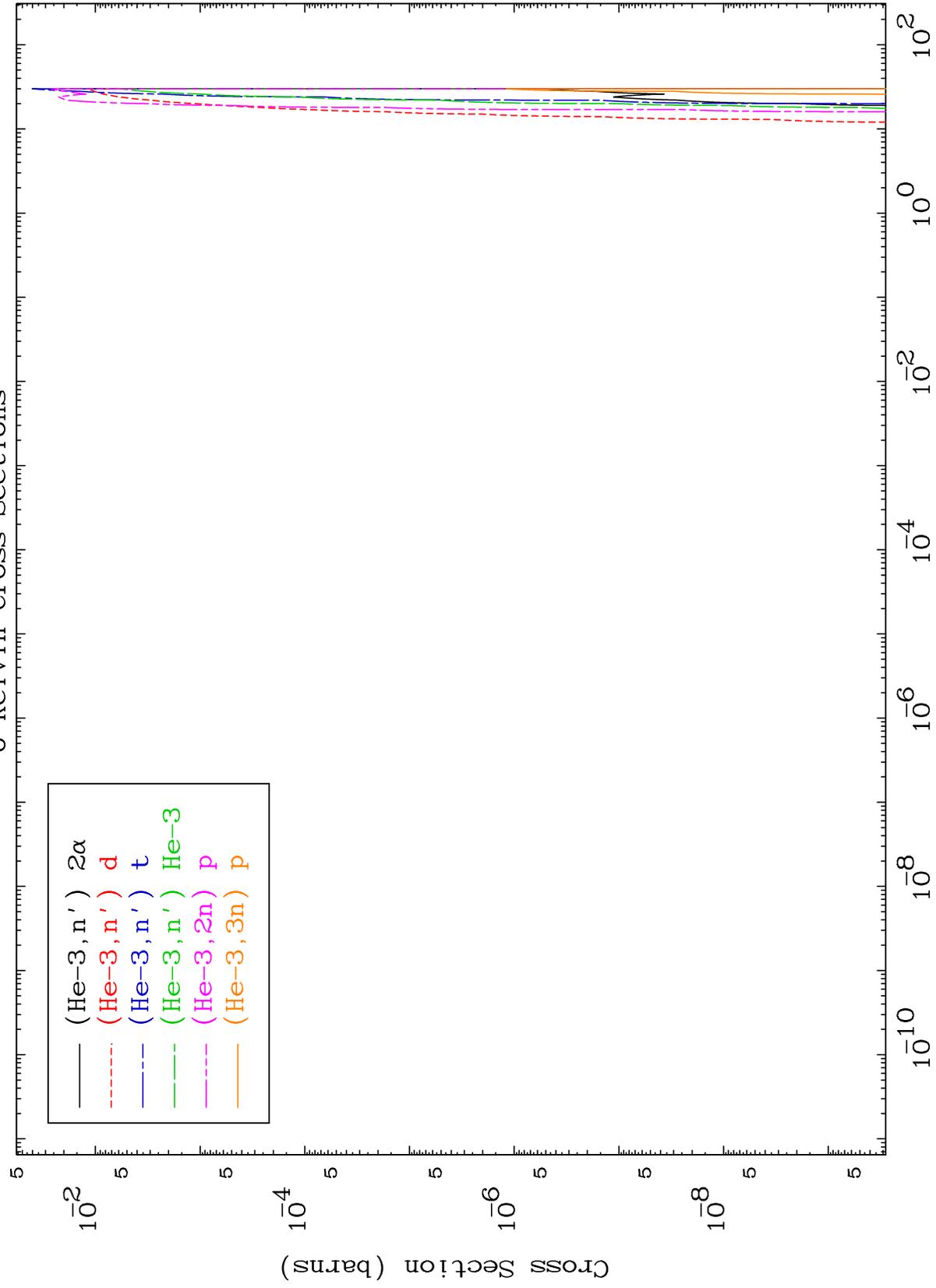
58-Ce-131



MAT 5810

He-3 Neutron Production  
0 Kelvin Cross Sections

58-Ce-131



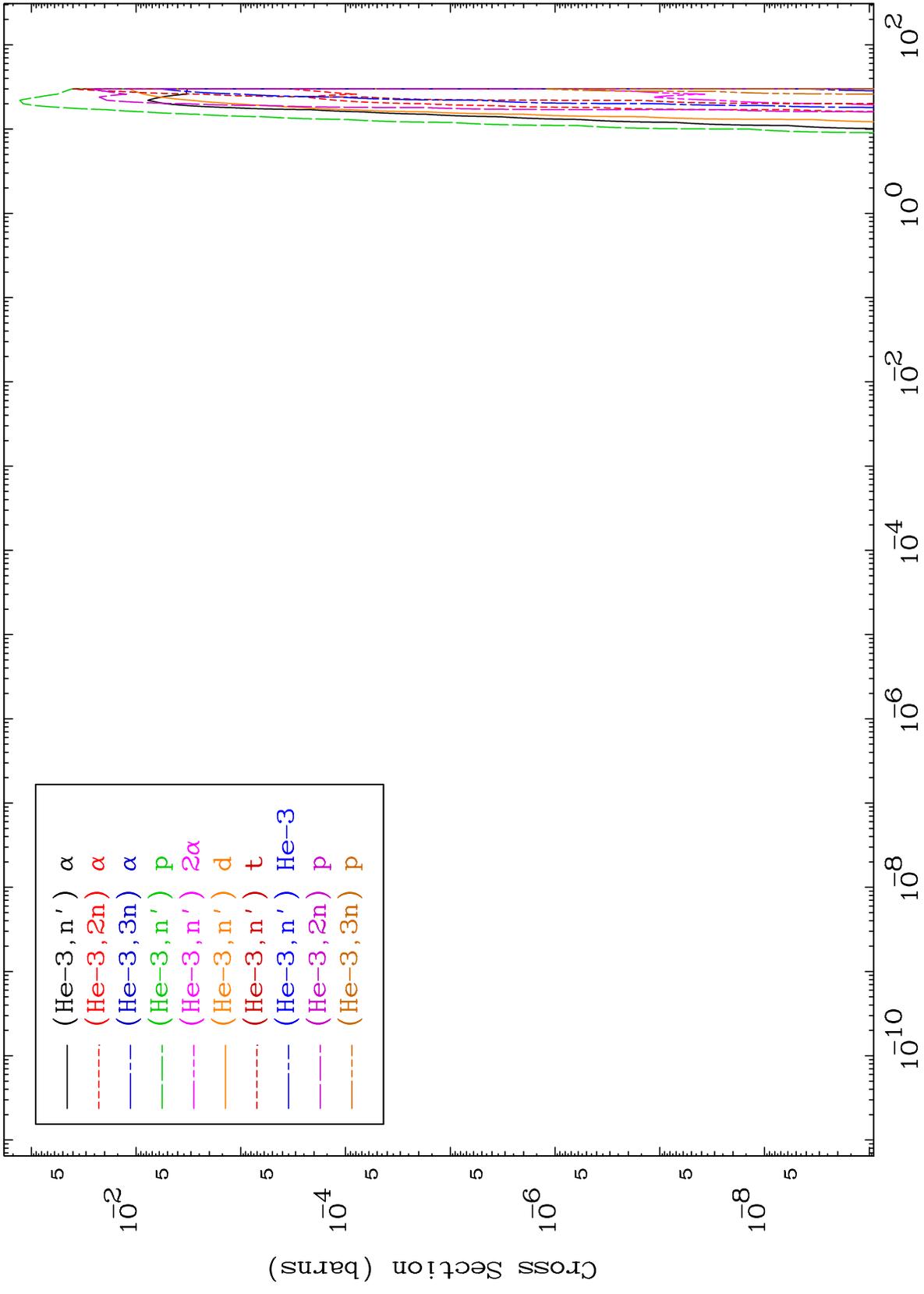
3

58-Ce-131

MAT 5810

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-131

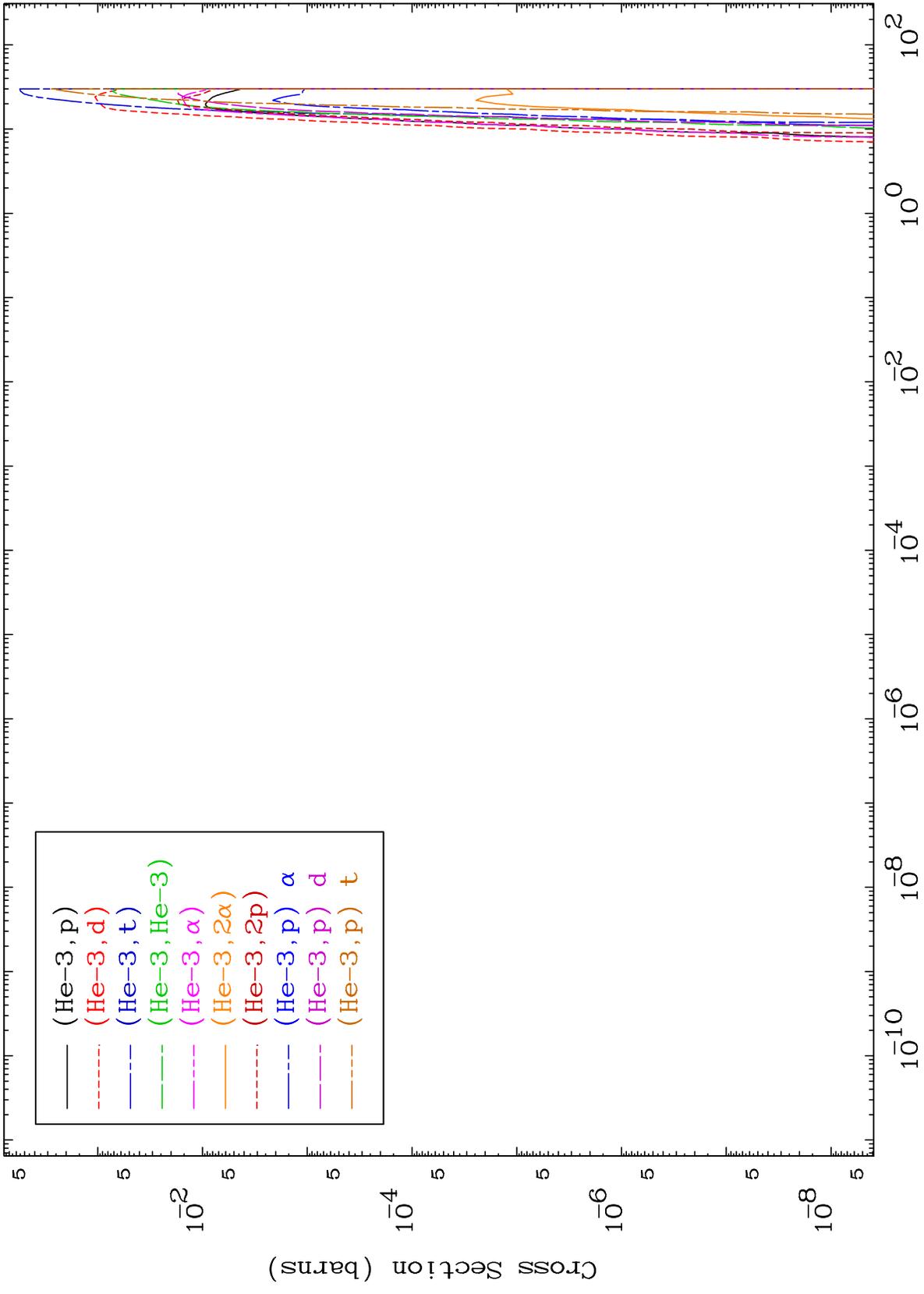


58-Ce-131

MAT 5810

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-131



5

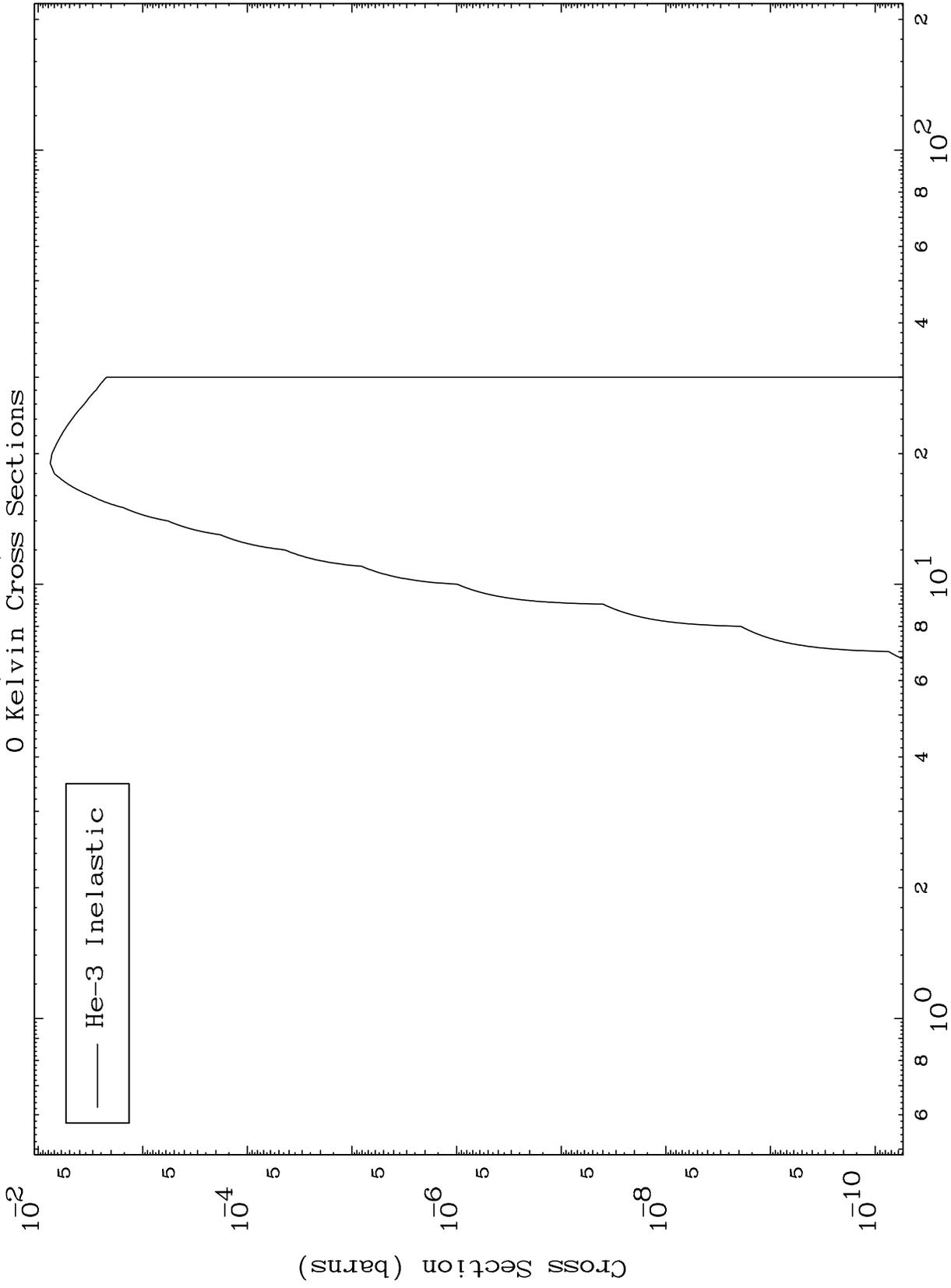
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

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



6

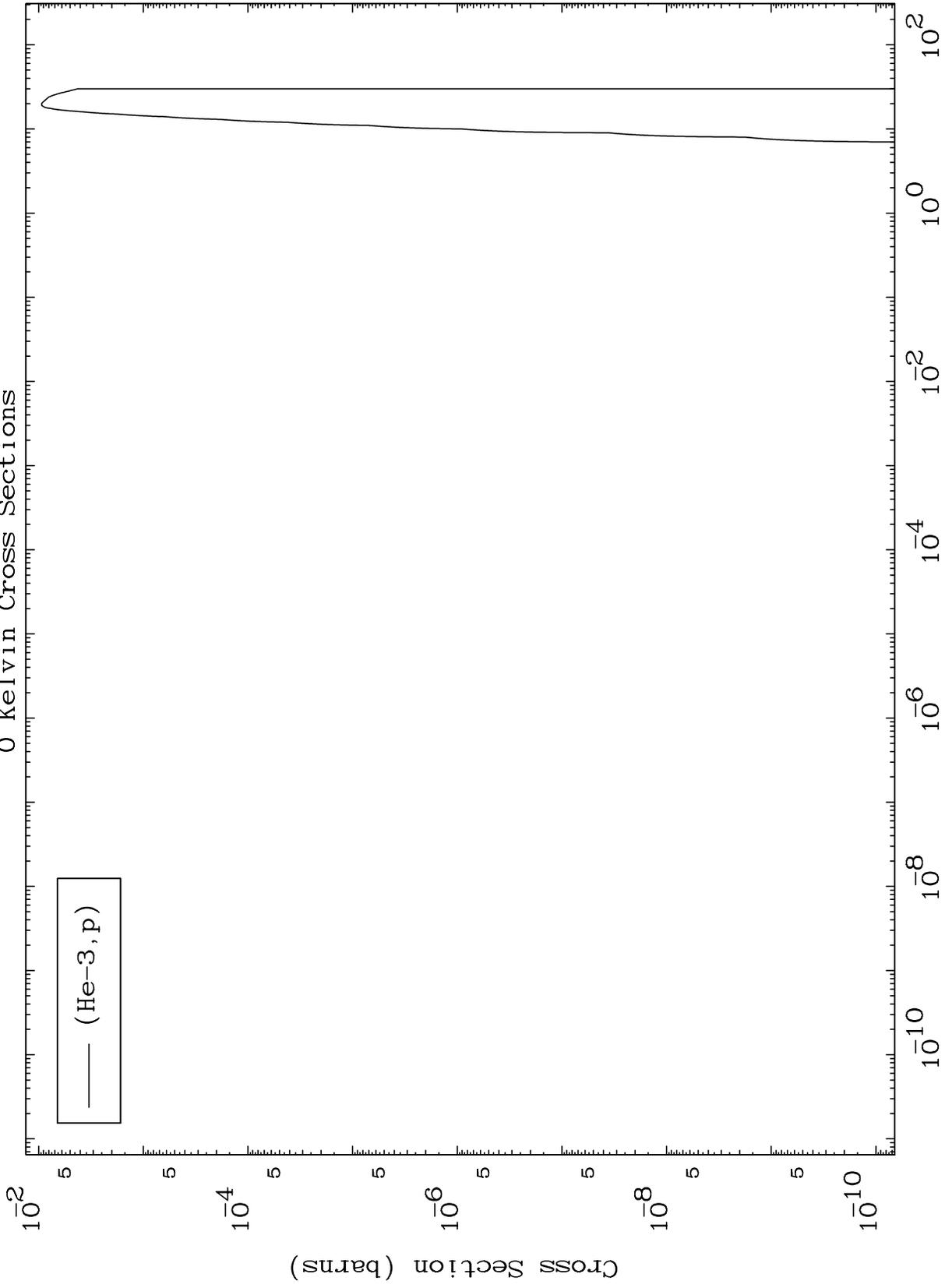
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



7

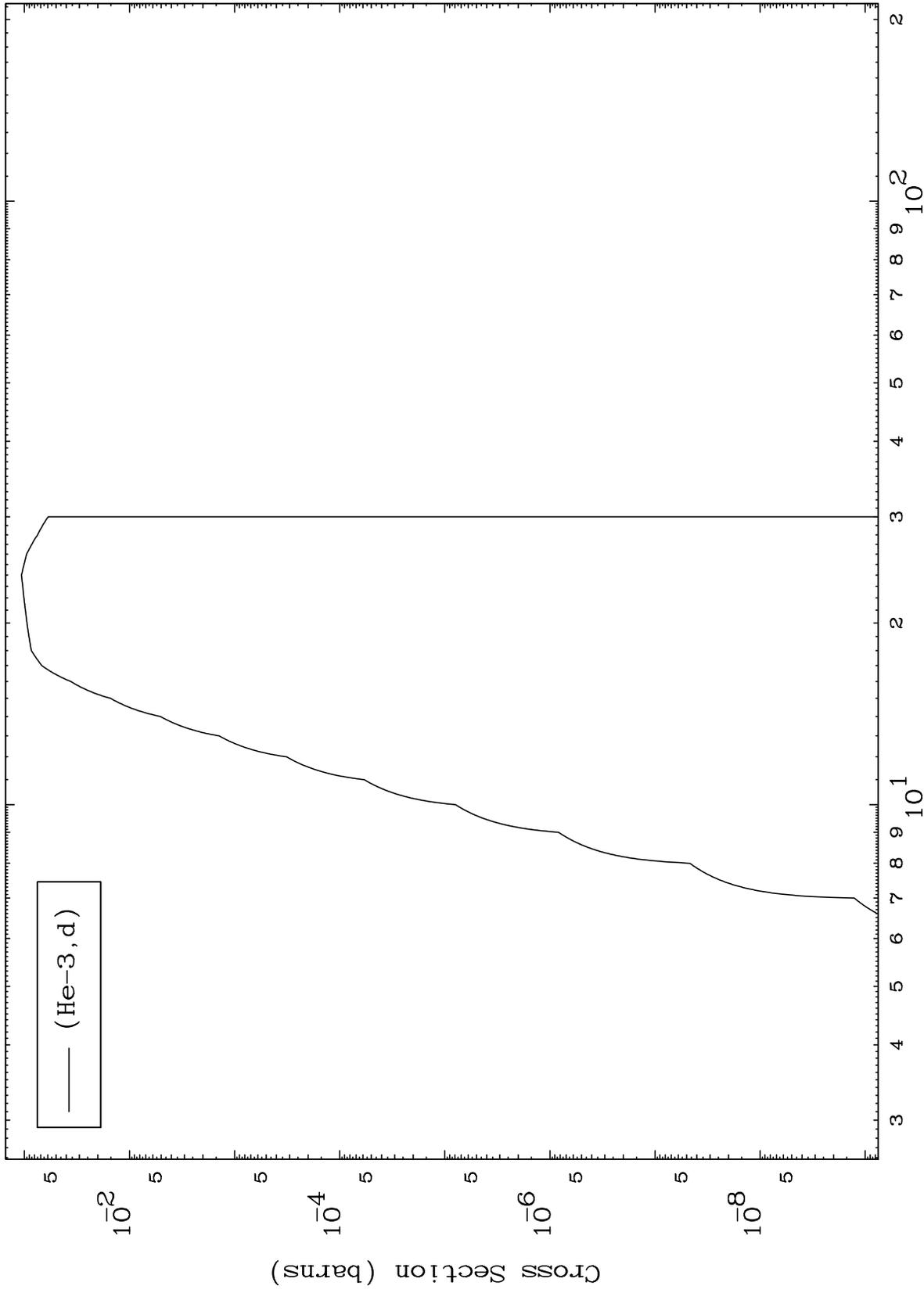
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



8

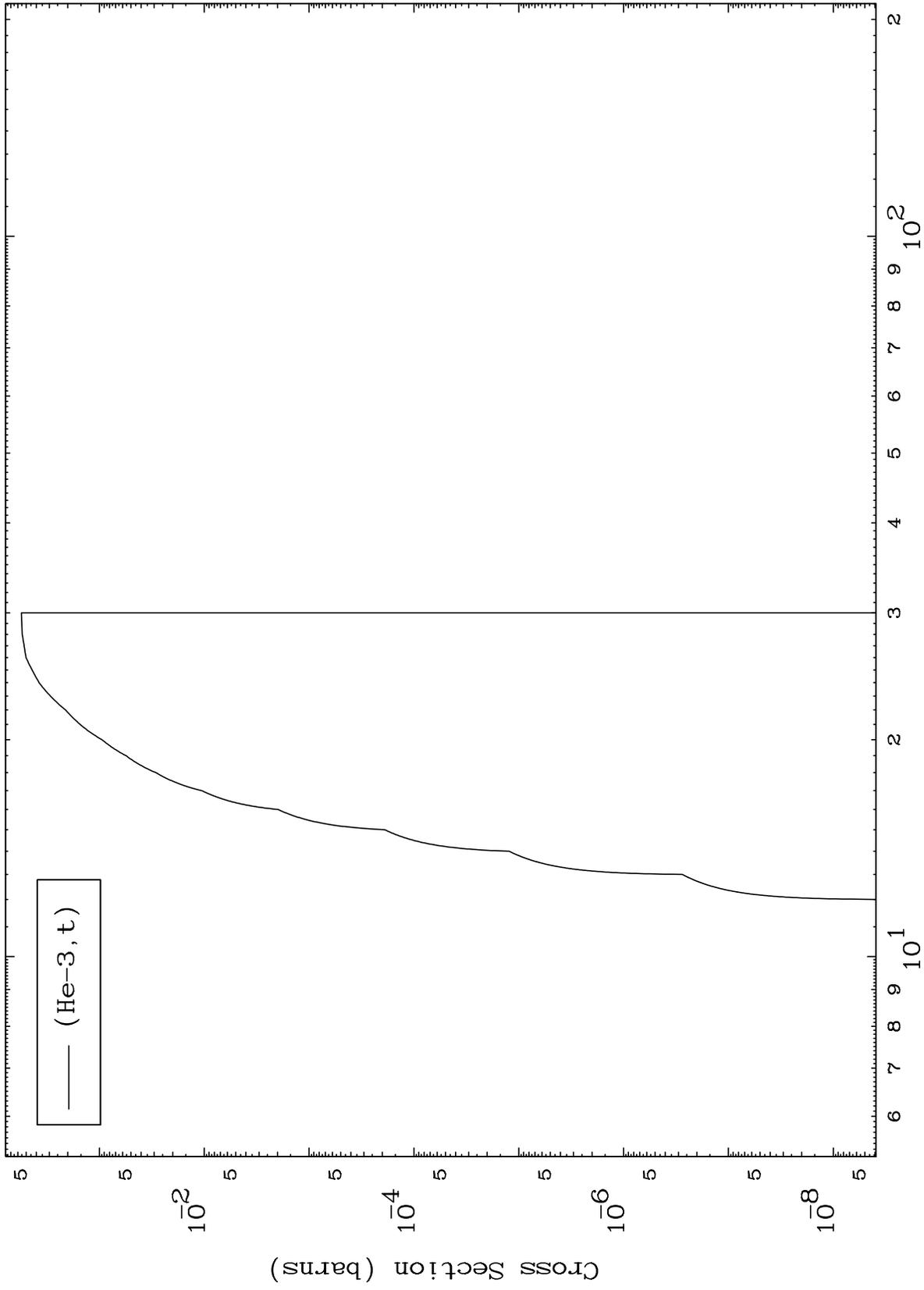
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



9

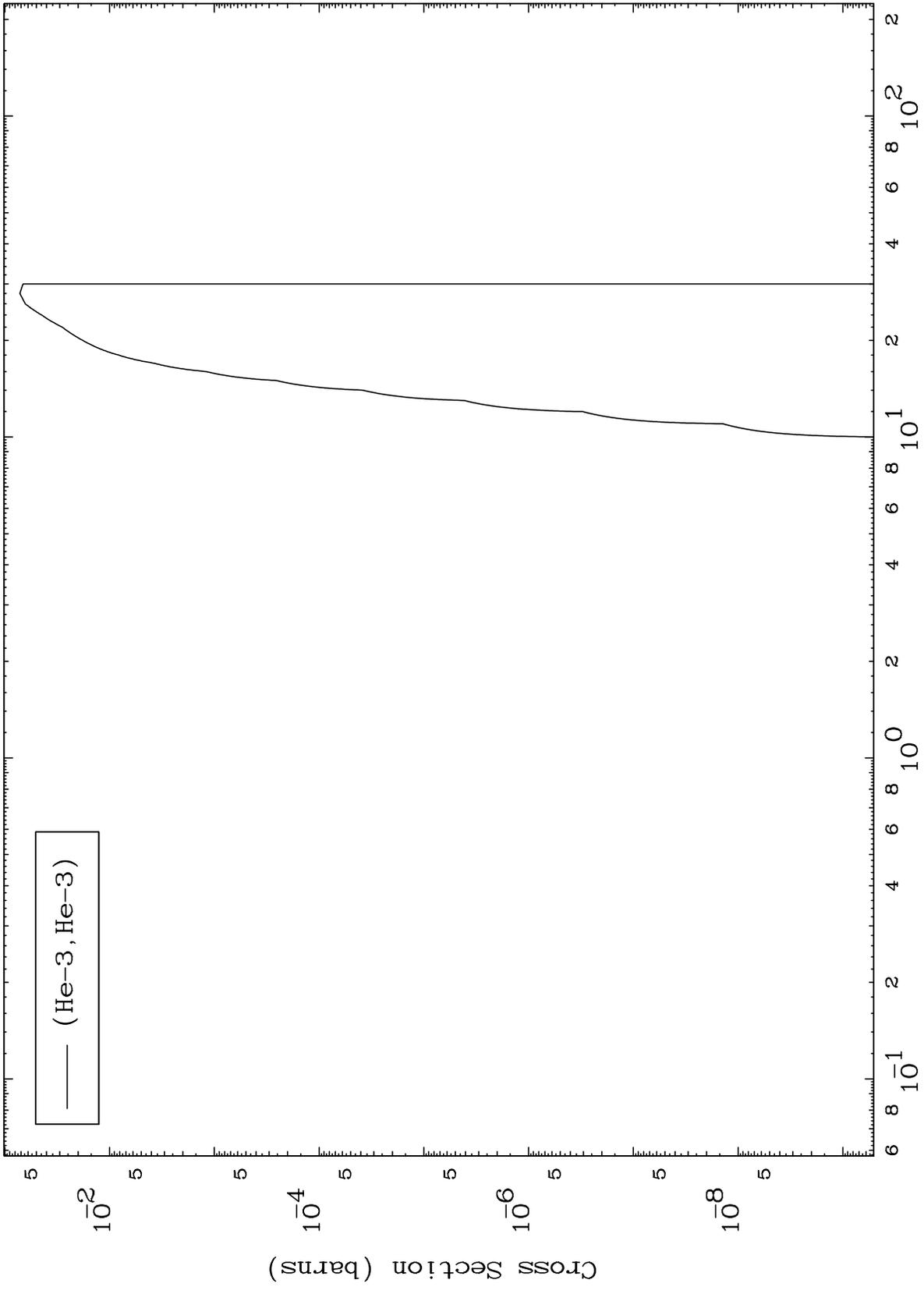
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



10

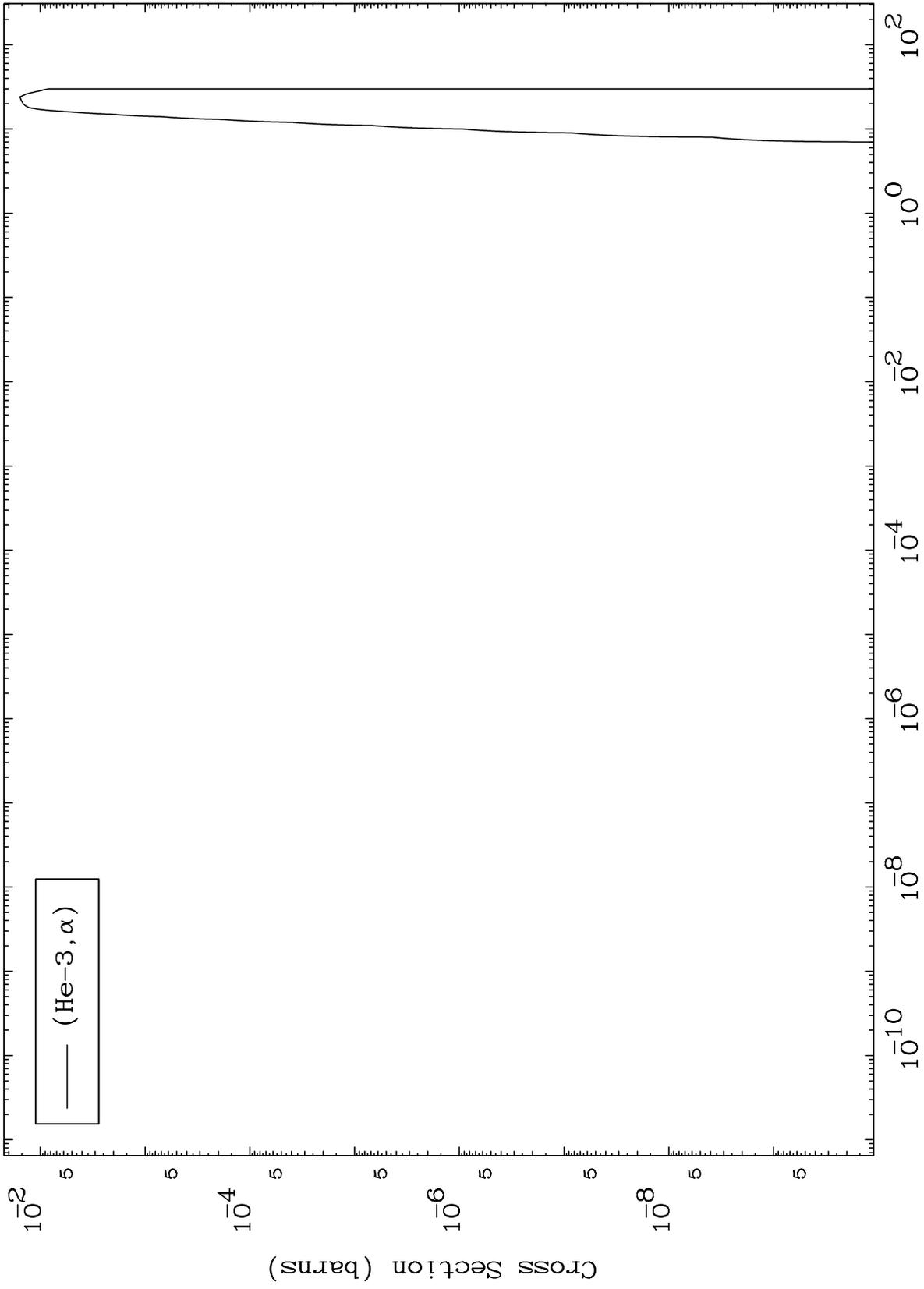
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



11

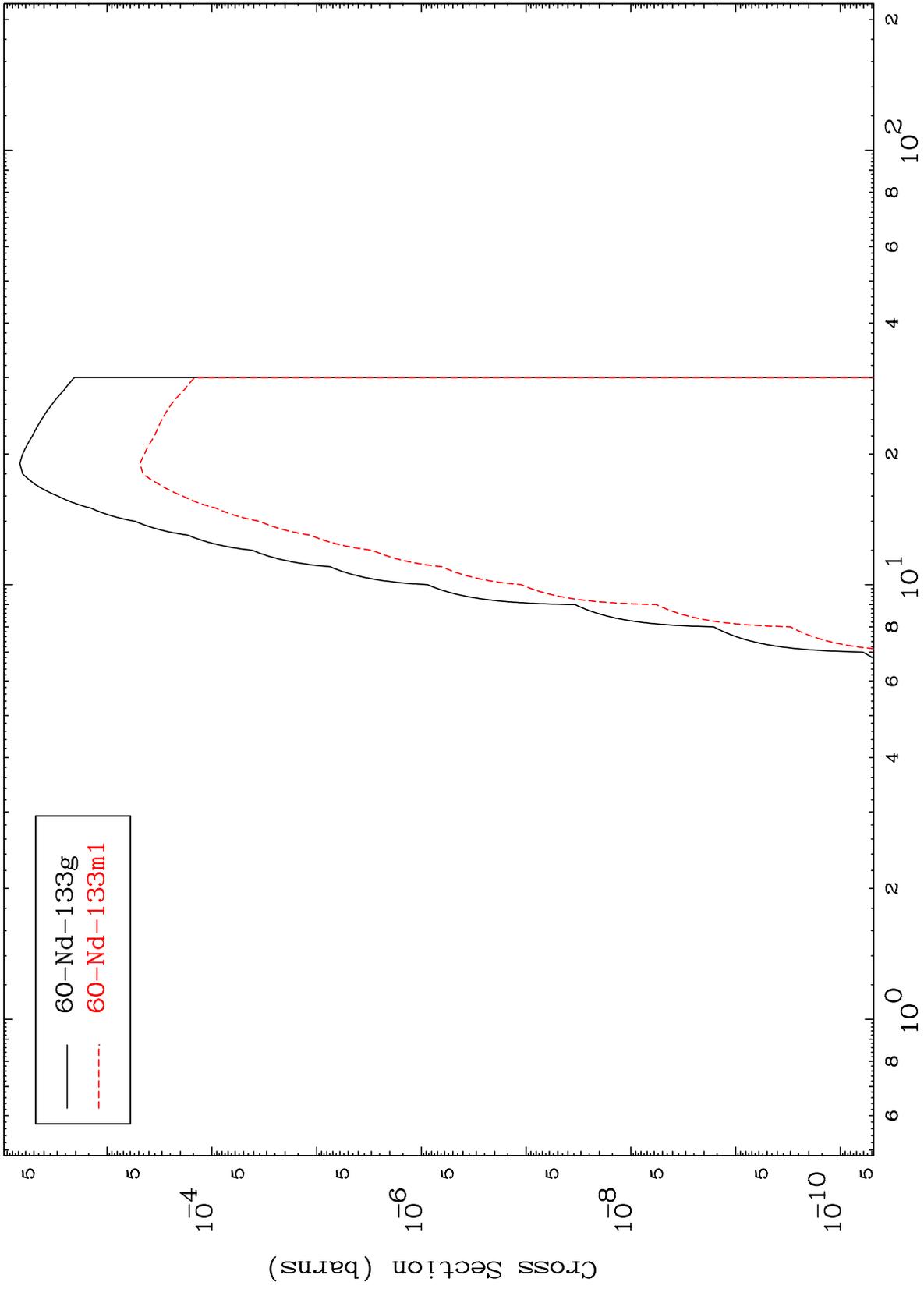
Incident Energy (MeV)

58-Ce-131

MAT 5810

He-3 Inelastic  
Radionuclide Production Cross Section

58-Ce-131



12

Incident Energy (MeV)

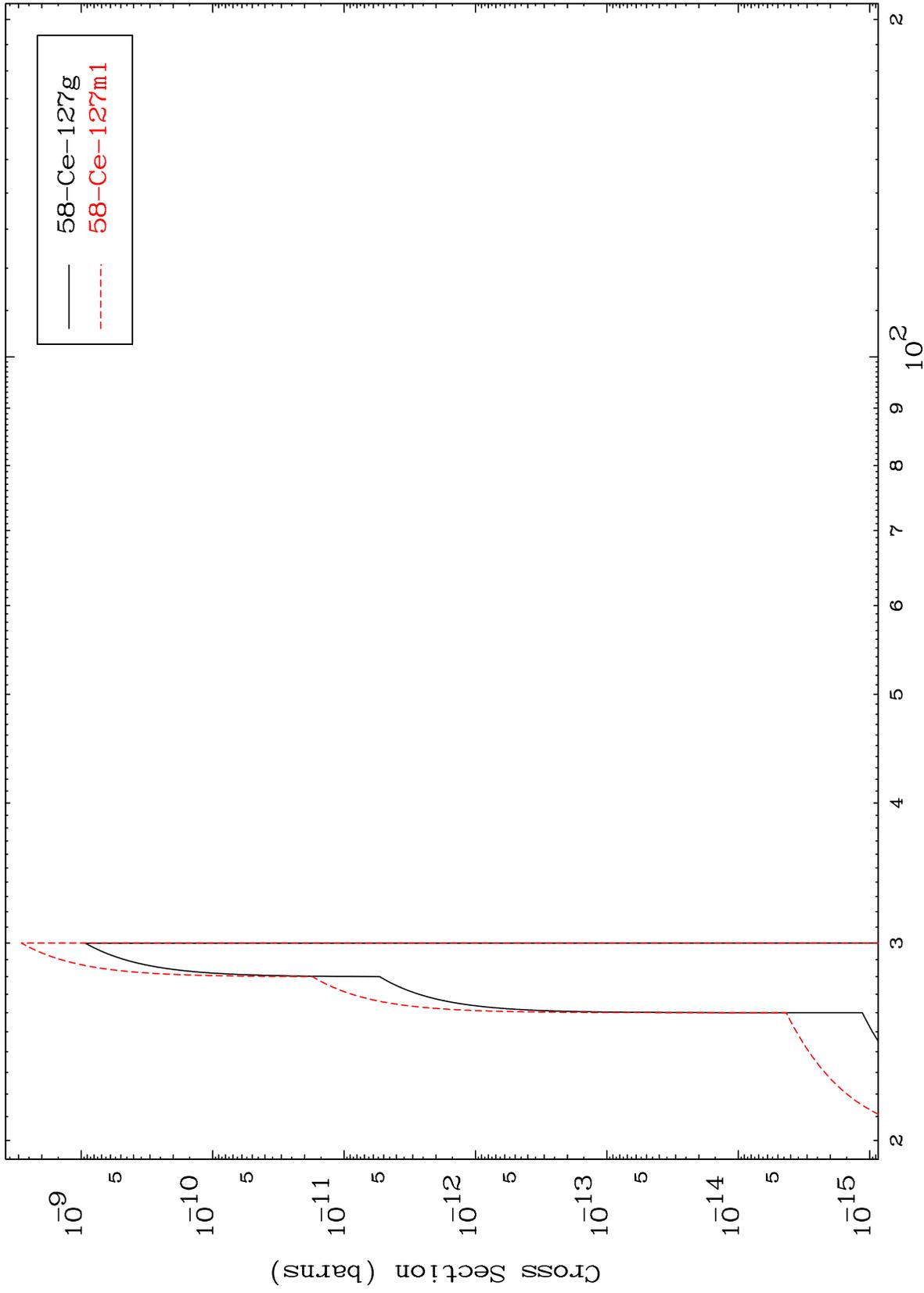
58-Ce-131

MAT 5810

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

58-Ce-131

Radionuclide Production Cross Section



13

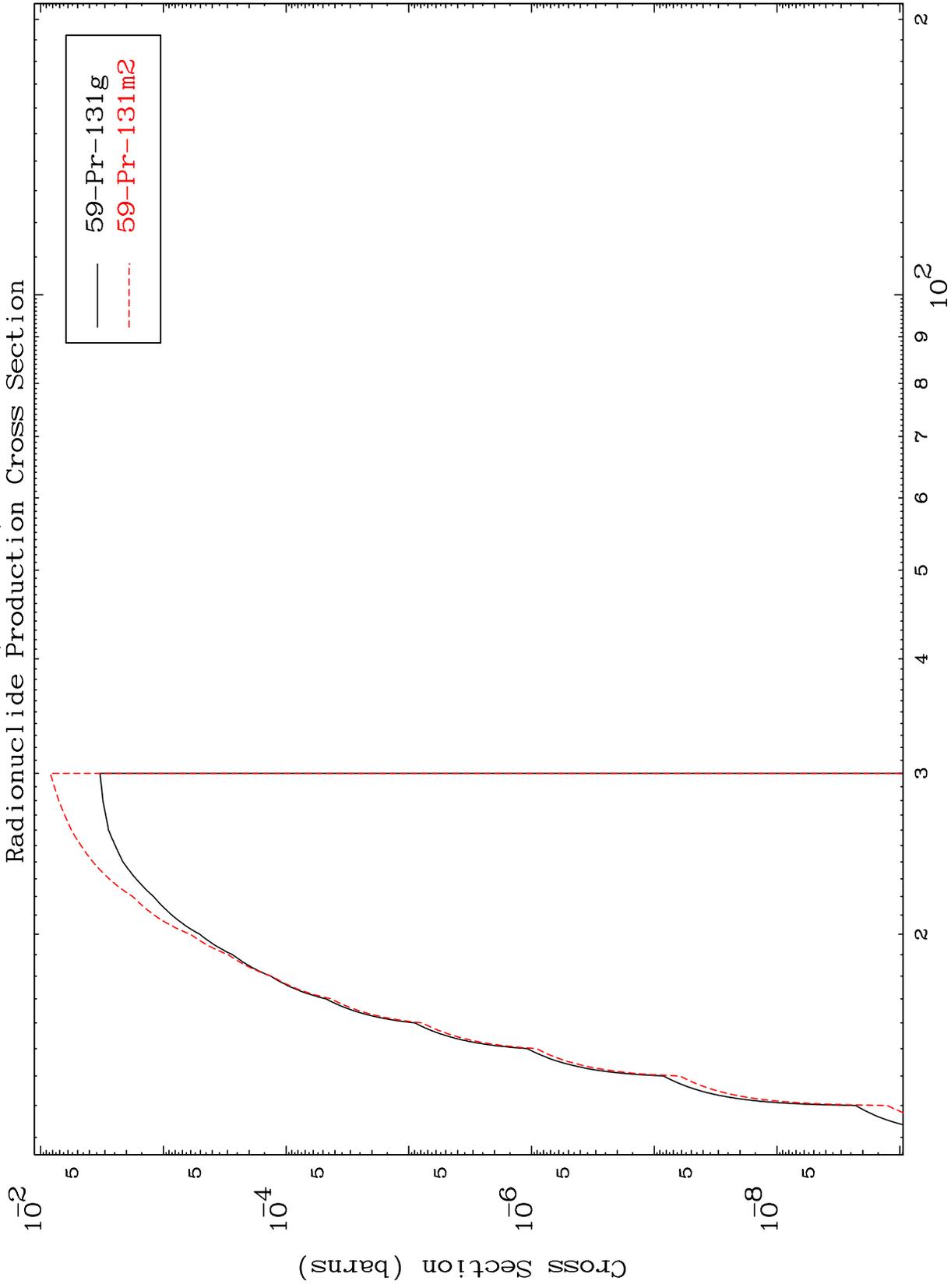
Incident Energy (MeV)

58-Ce-131

MAT 5810

(He-3, n') d

58-Ce-131



14

Incident Energy (MeV)

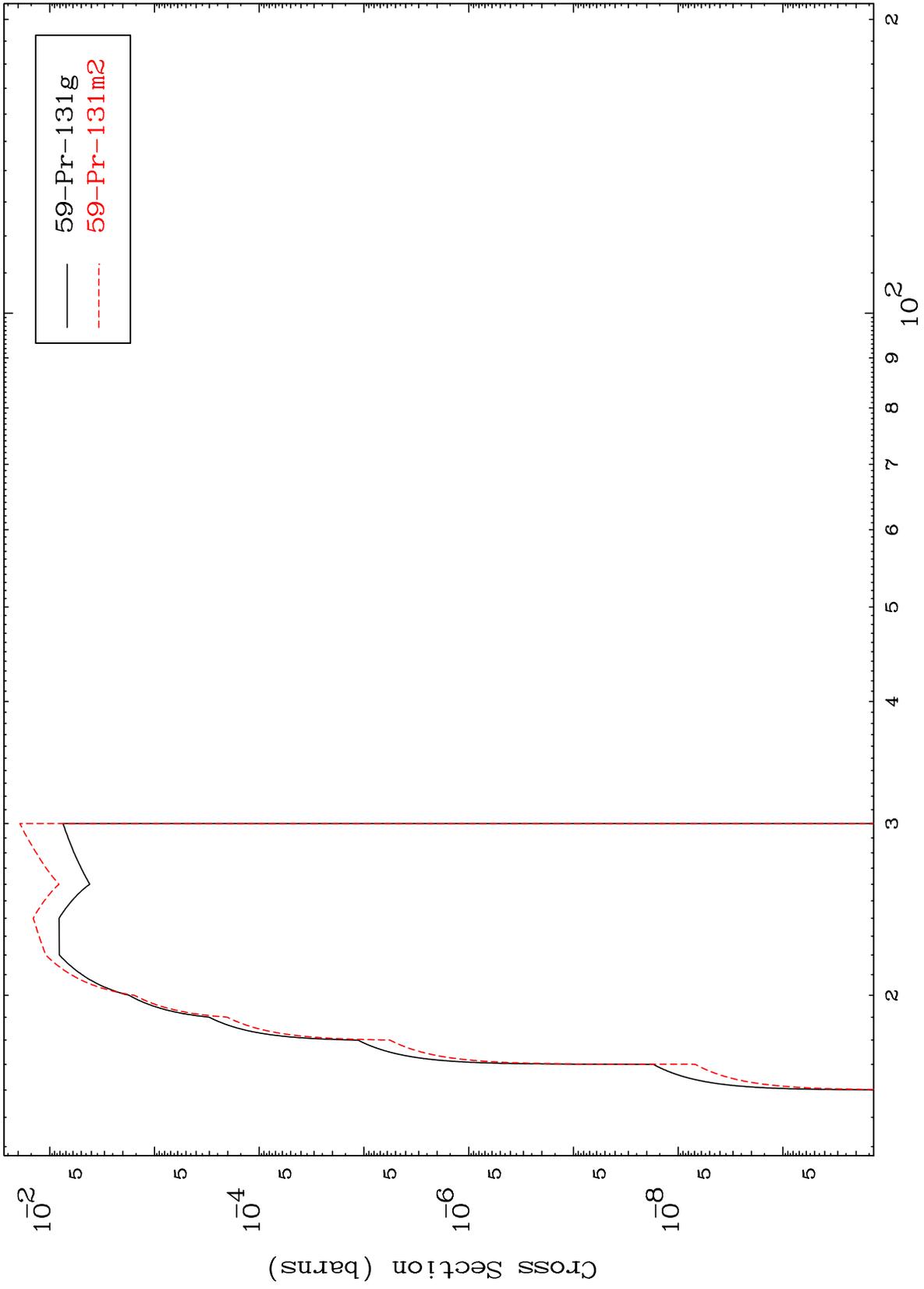
58-Ce-131

MAT 5810

(He-3,2n) p

58-Ce-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

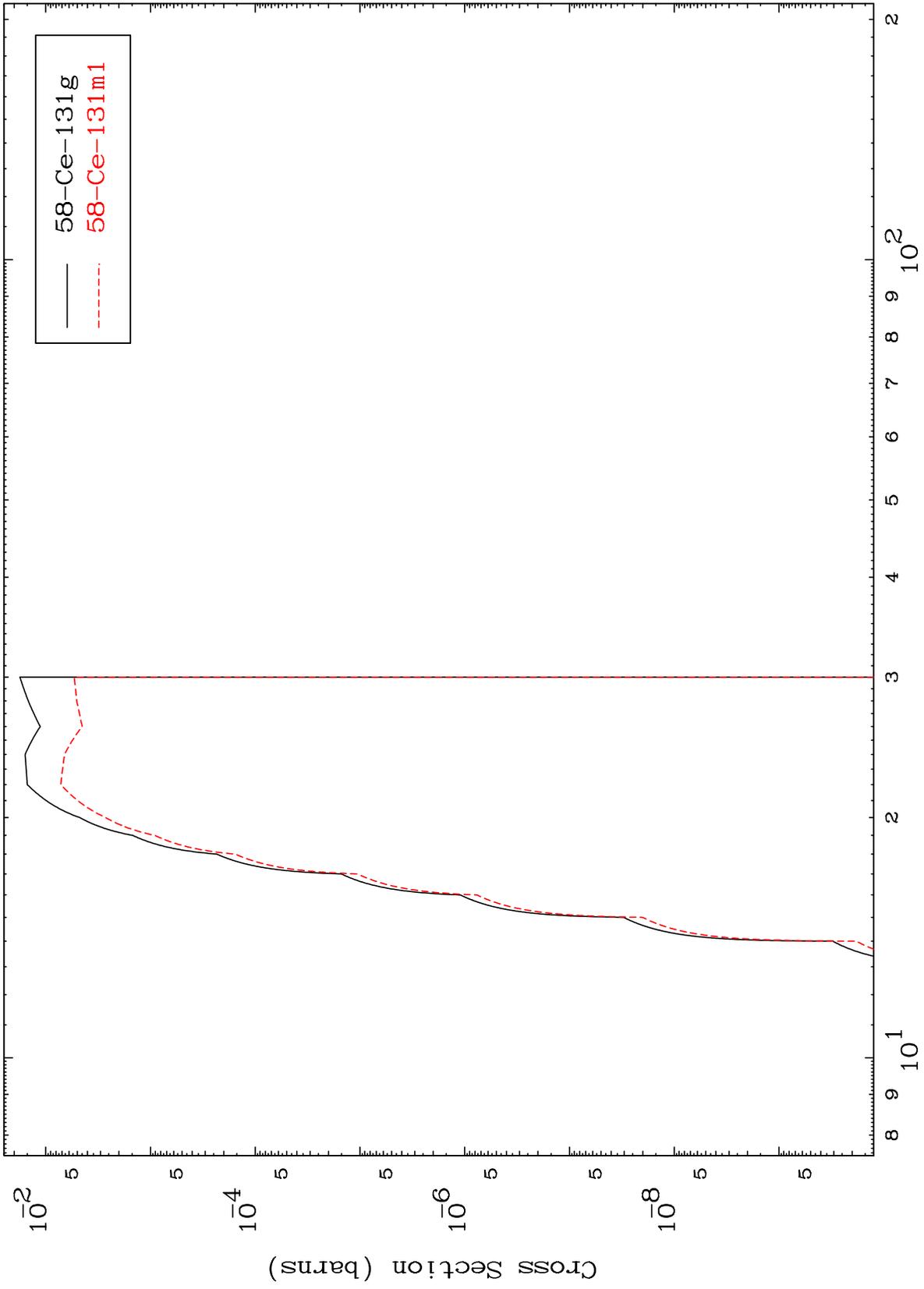
58-Ce-131

MAT 5810

(He-3,2n) p

58-Ce-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

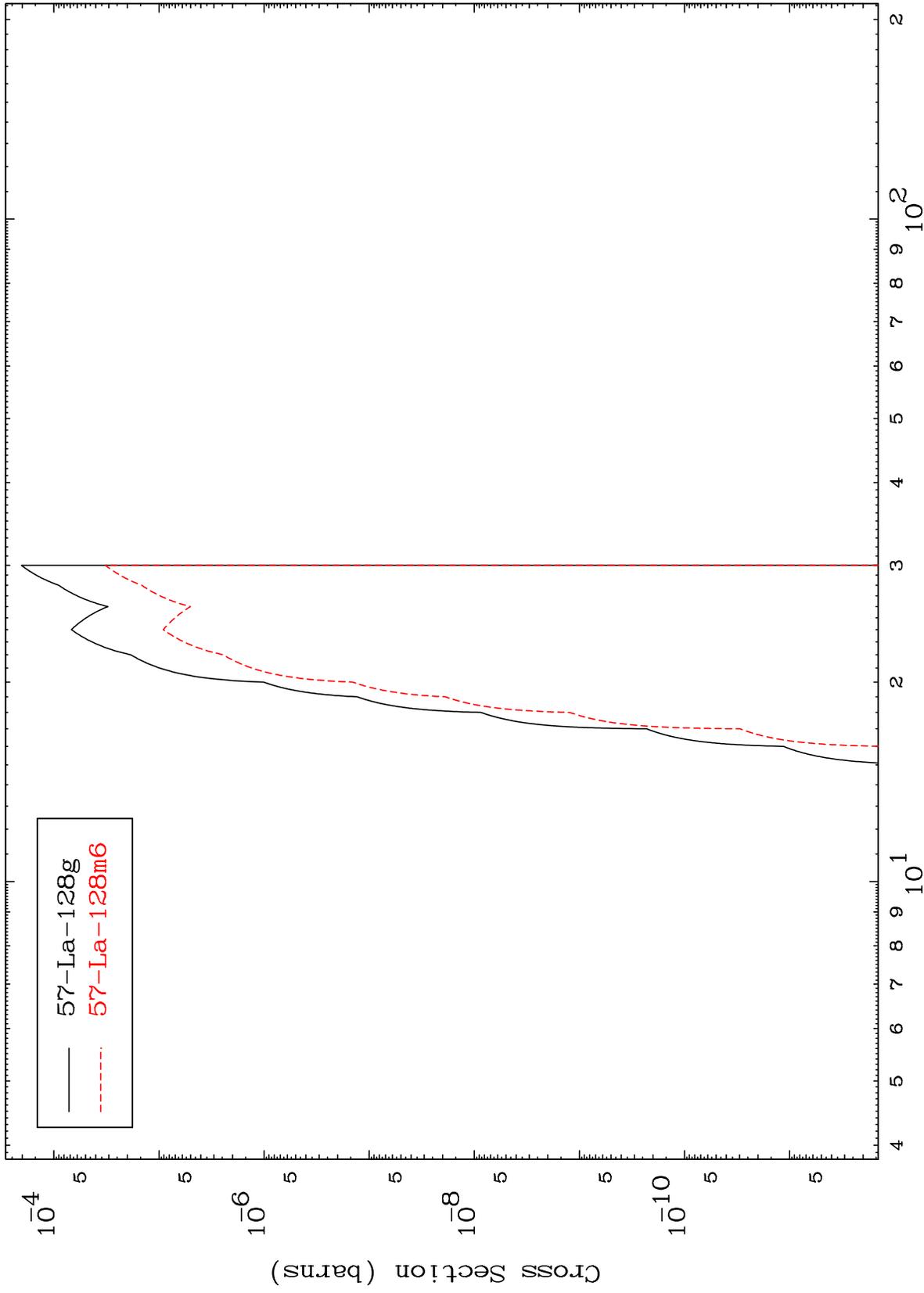
58-Ce-131

MAT 5810

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

58-Ce-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

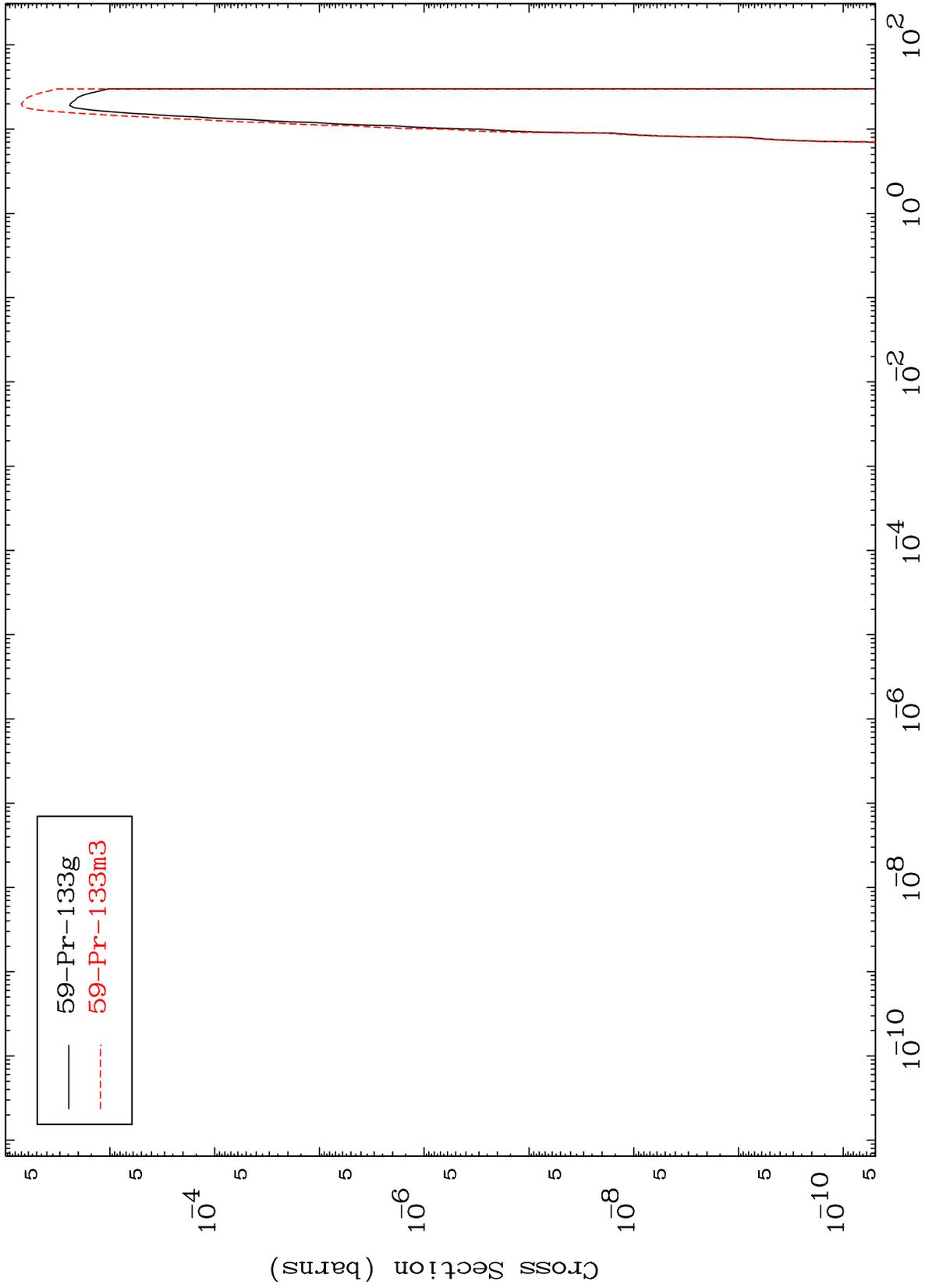
58-Ce-131

MAT 5810

(He-3, p)

58-Ce-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

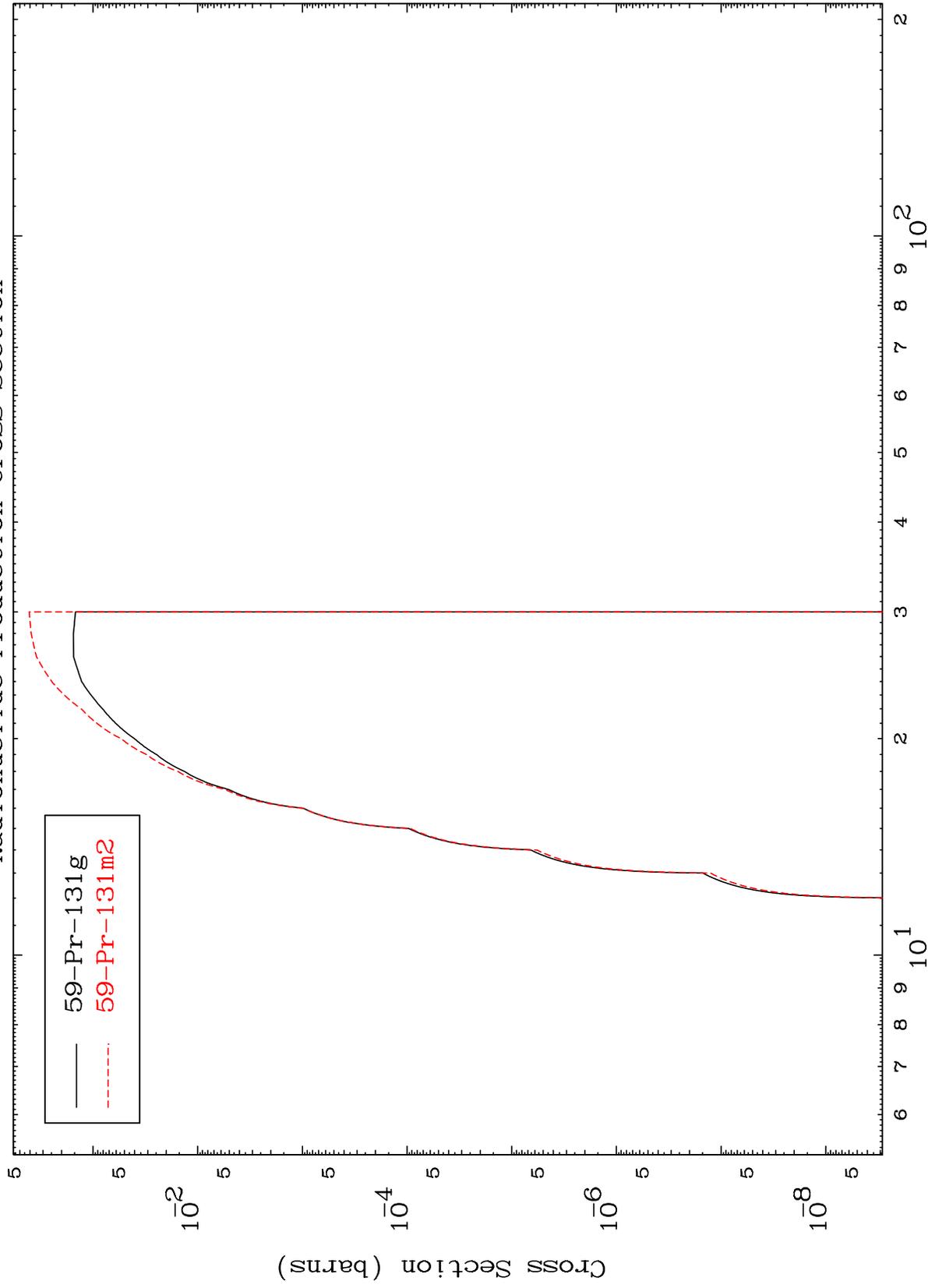
58-Ce-131

MAT 5810

(He-3, t)

58-Ce-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

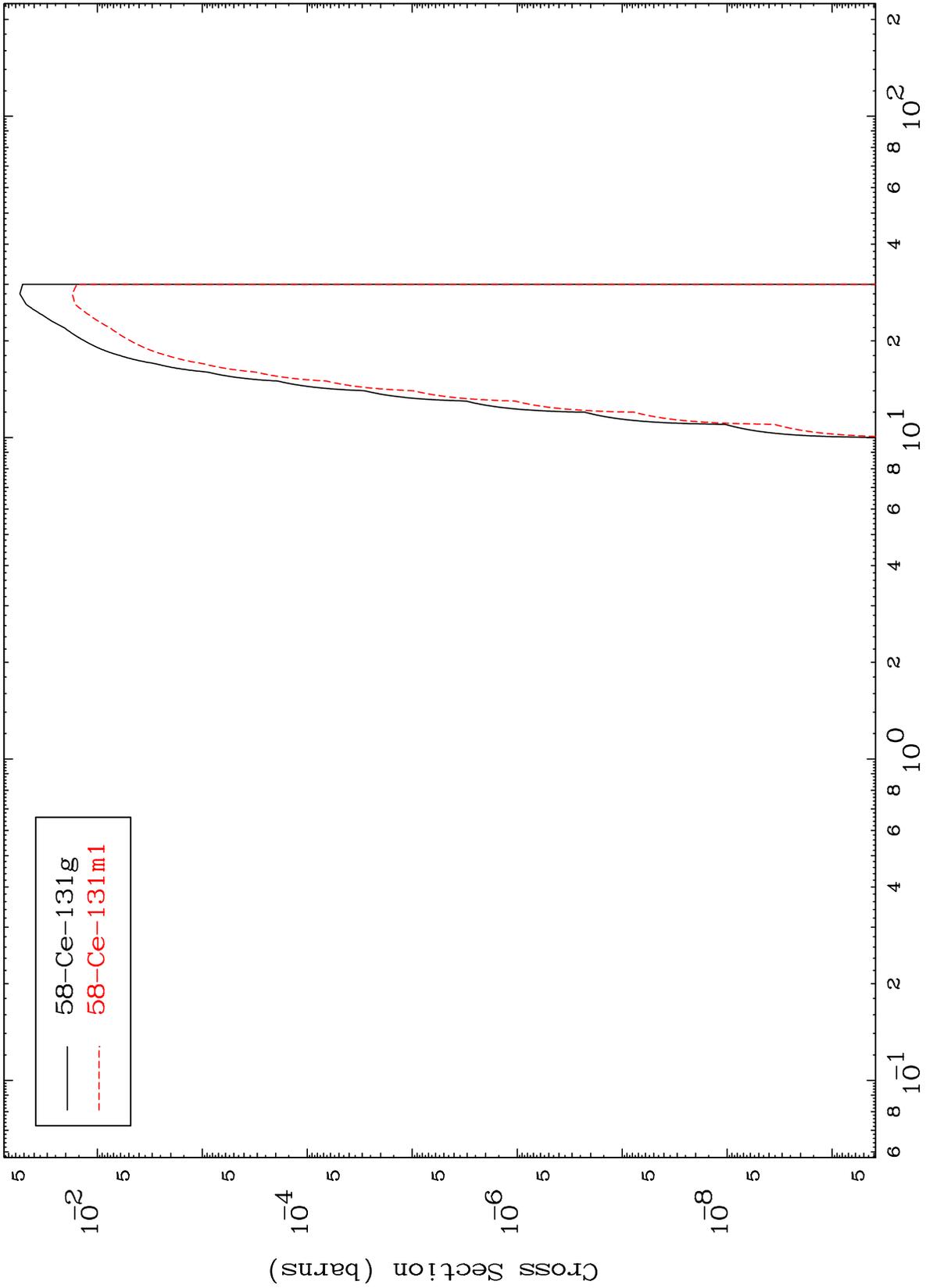
58-Ce-131

MAT 5810

(He-3, He-3)

58-Ce-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

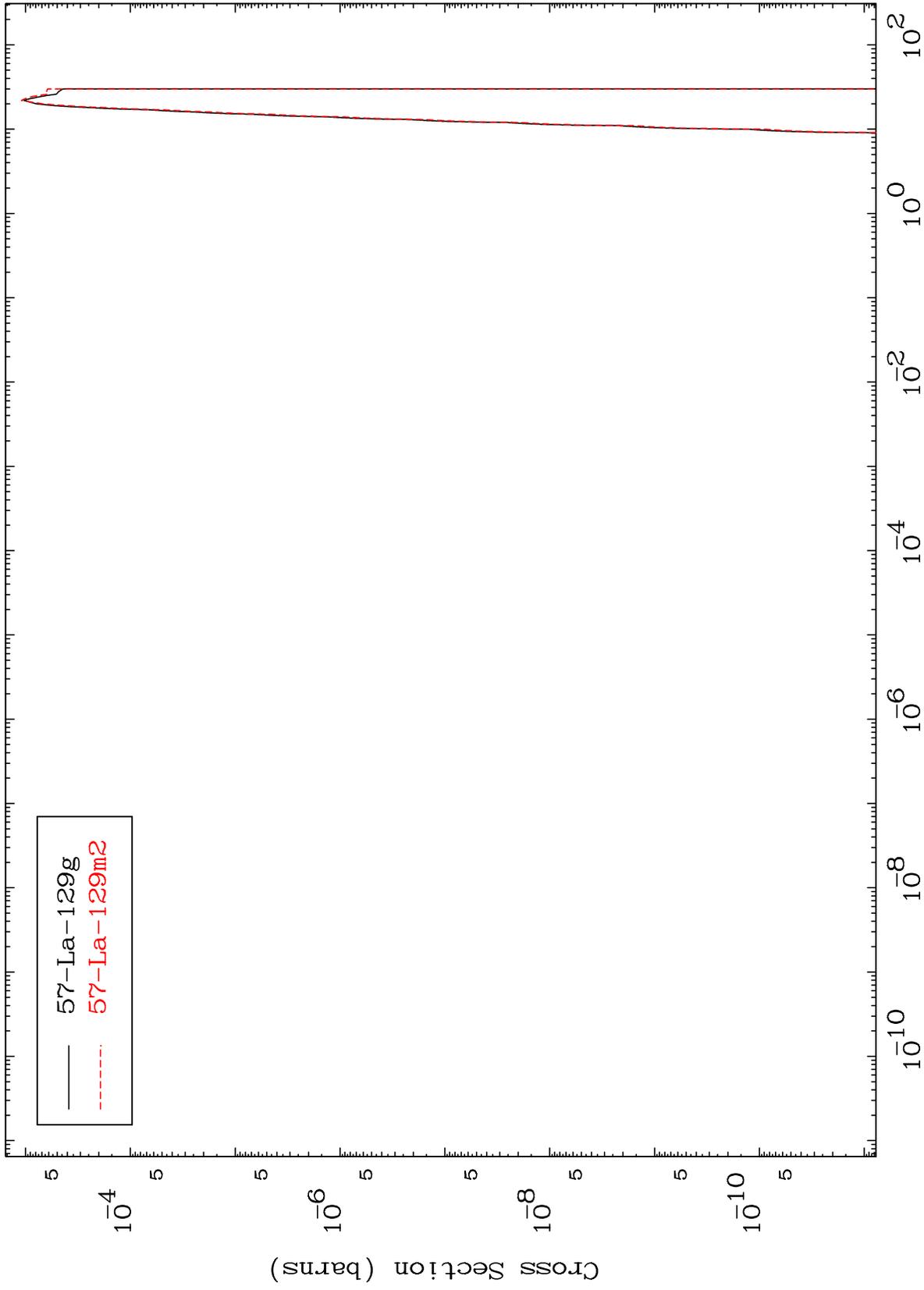
58-Ce-131

MAT 5810

(He-3,p)  $\alpha$

58-Ce-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

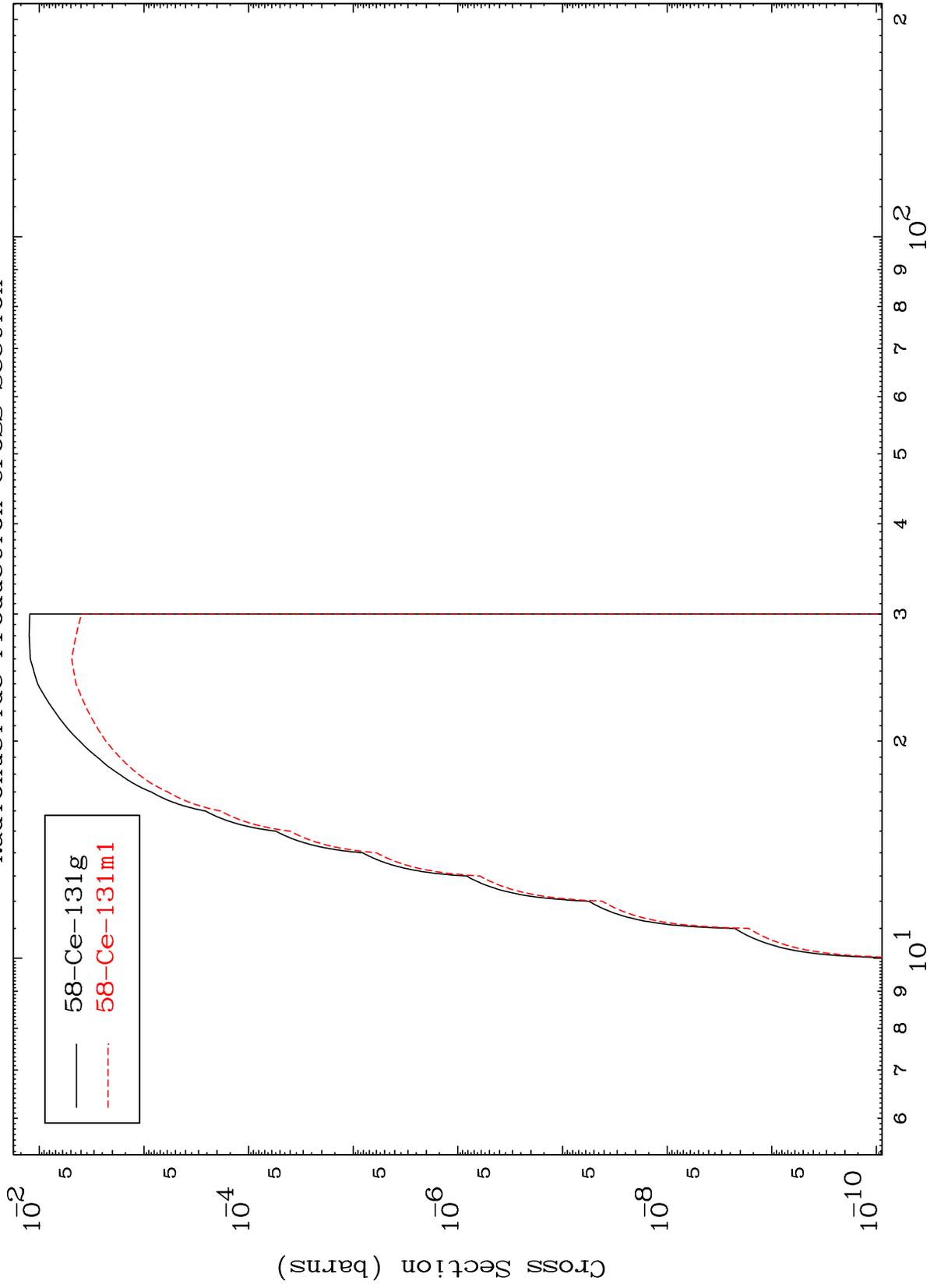
58-Ce-131

MAT 5810

(He-3,p) d

58-Ce-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

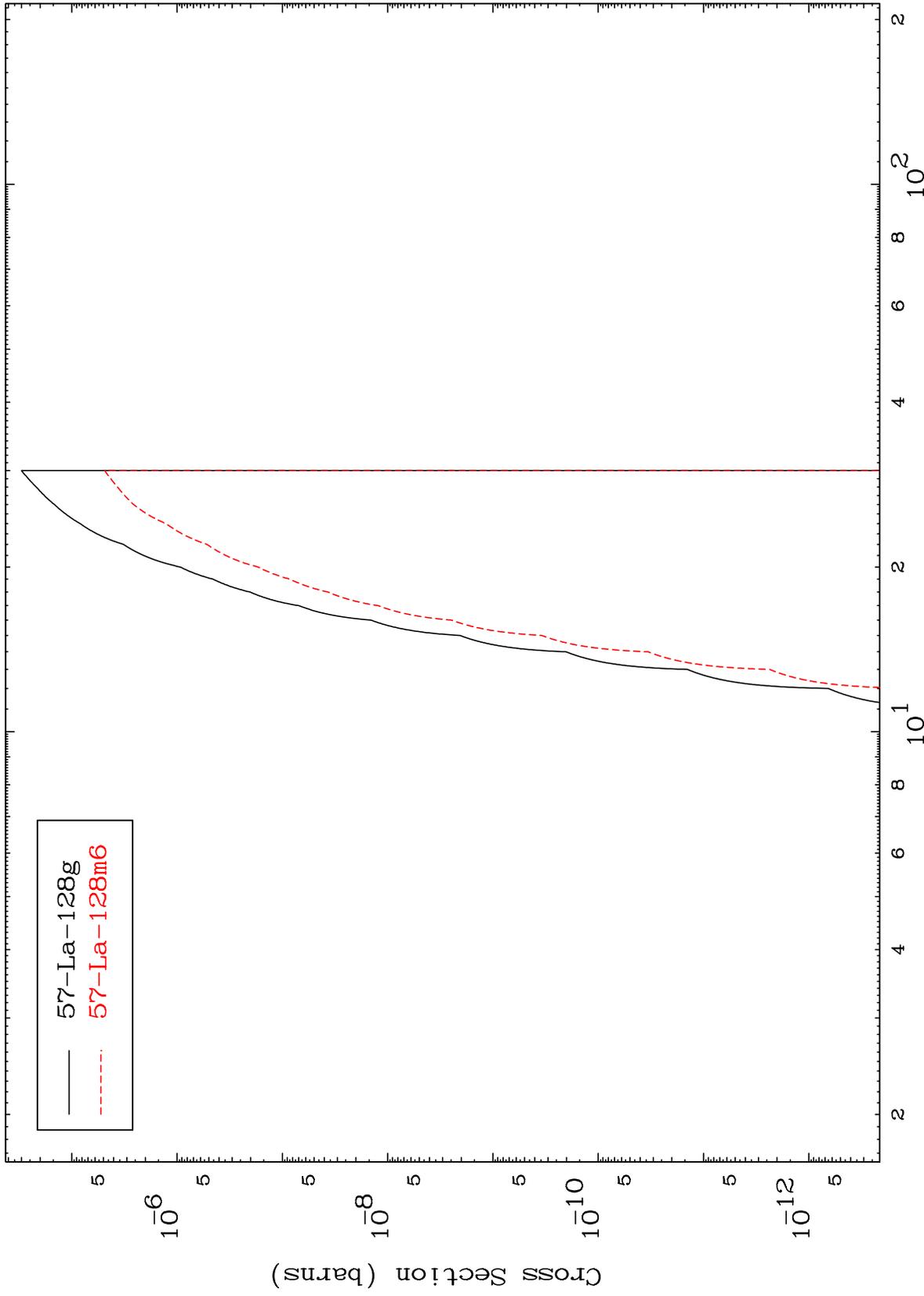
58-Ce-131

MAT 5810

(He-3,d)  $\alpha$

58-Ce-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-131