

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

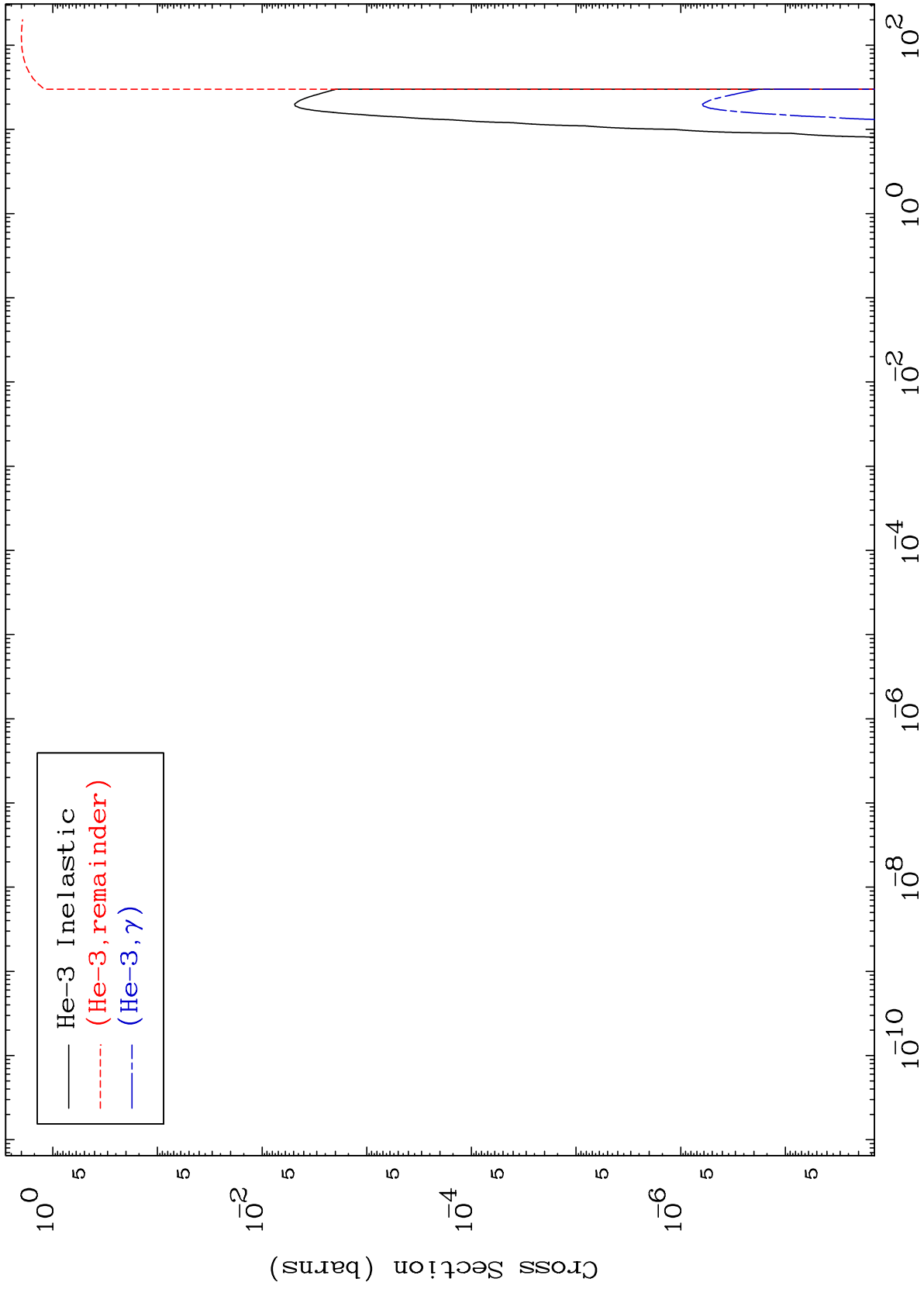
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5823

He-3 Major  
0 Kelvin Cross Sections

58-Ce-135



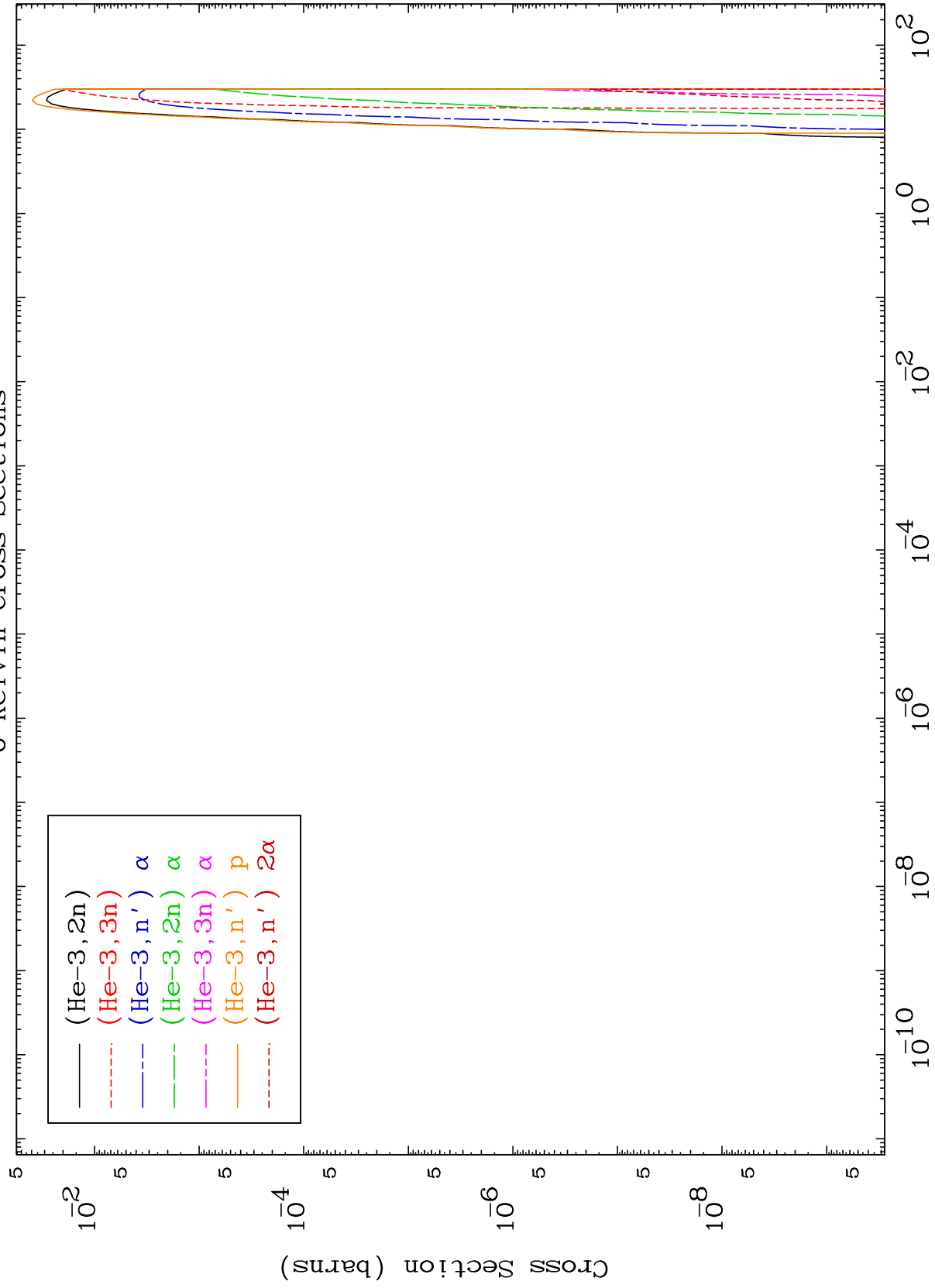
1

58-Ce-135

MAT 5823

He-3 Neutron Production  
0 Kelvin Cross Sections

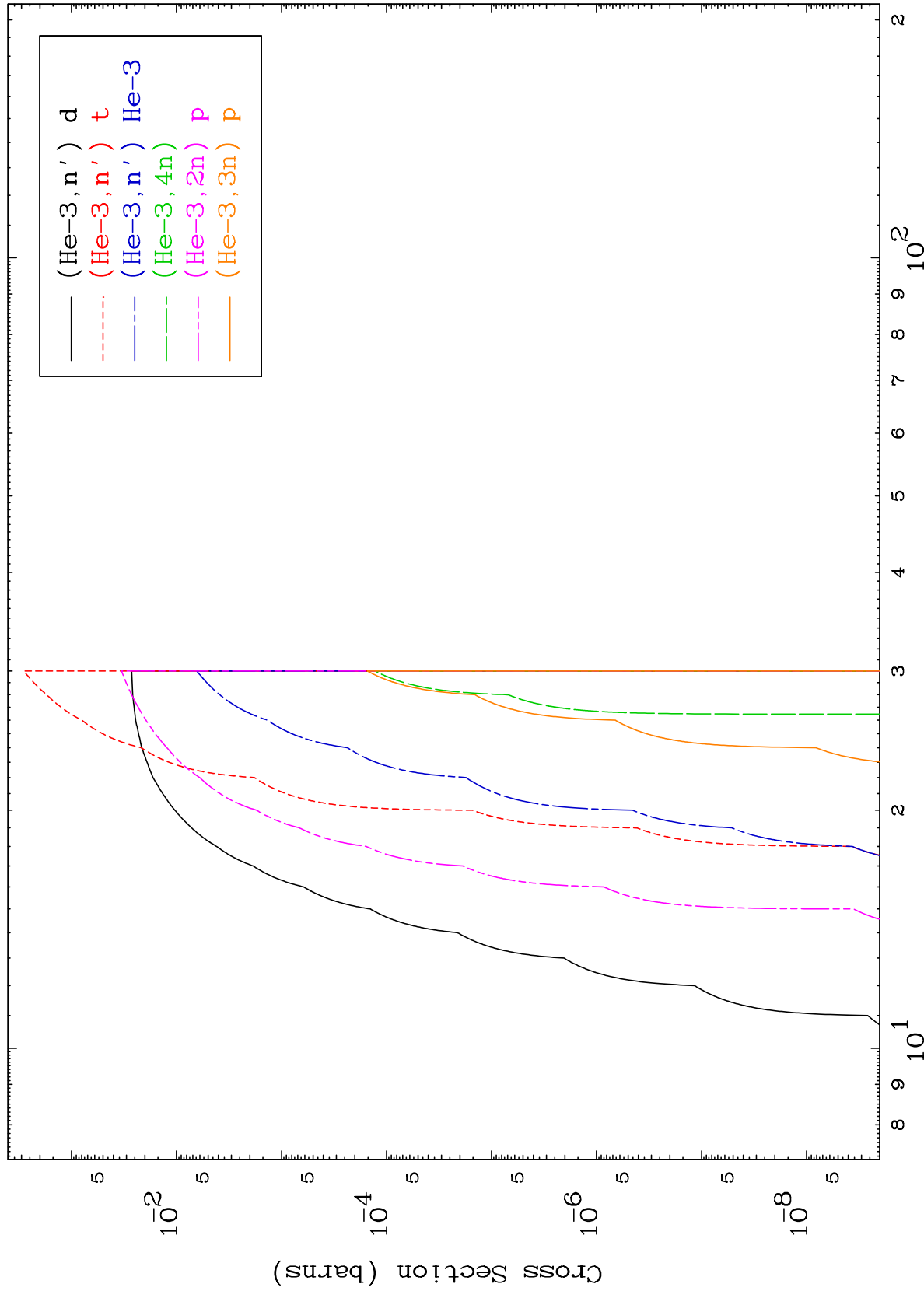
58-Ce-135



2

Incident Energy (MeV)

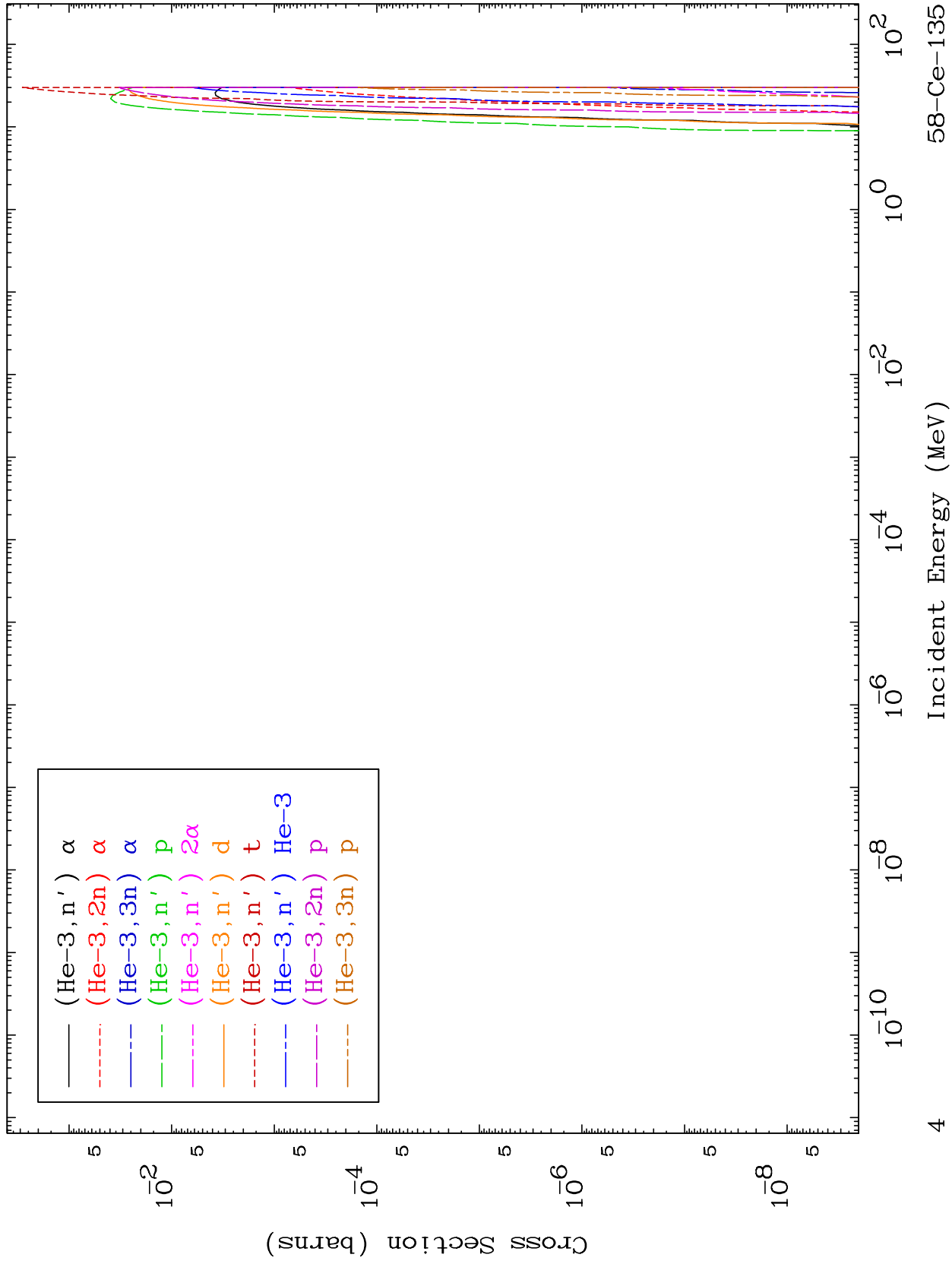
58-Ce-135



MAT 5823

He-3 Charged Particle  
0 Kelvin Cross Sections

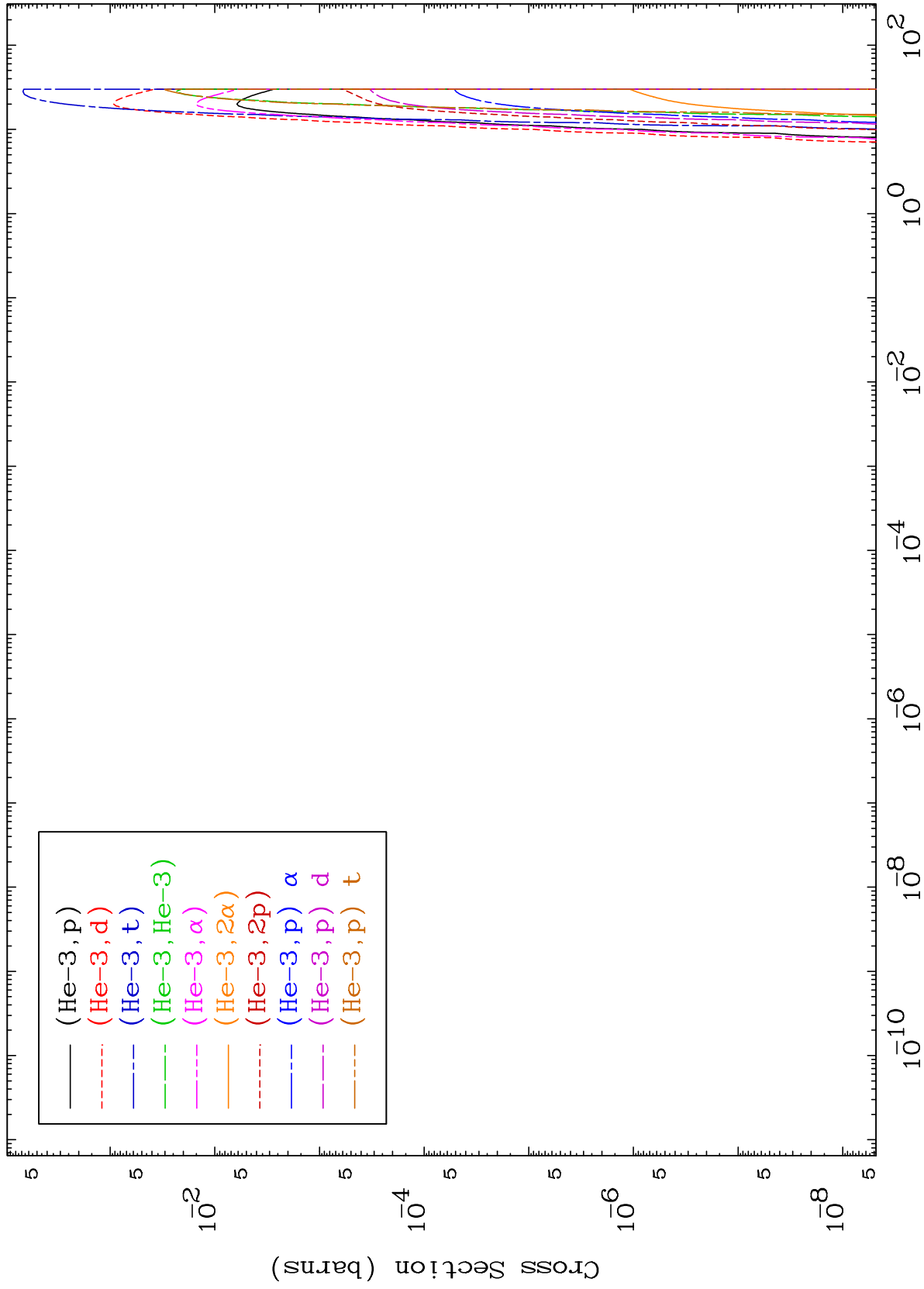
58-Ce-135



MAT 5823

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-135



5

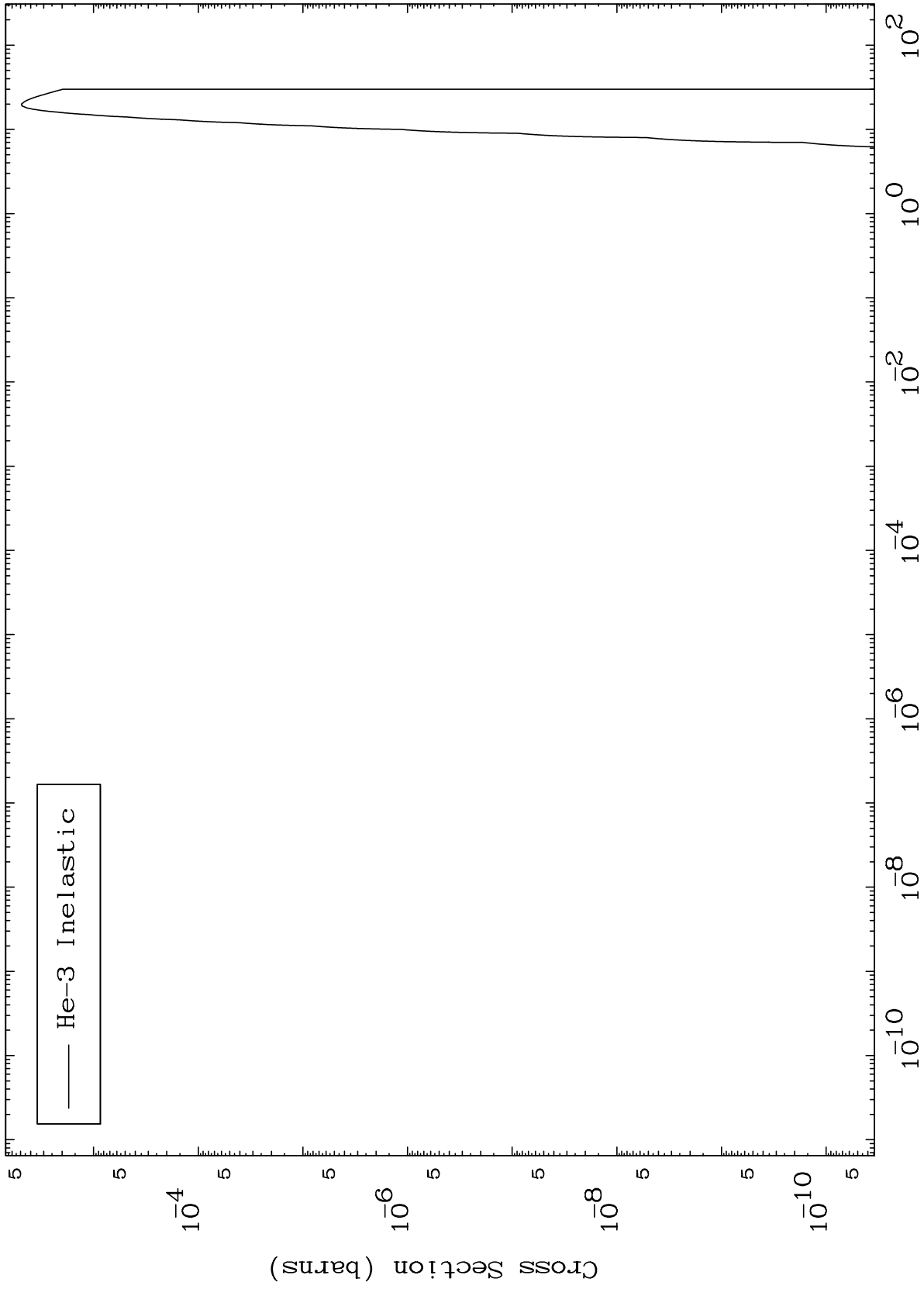
Incident Energy (MeV)

58-Ce-135

MAT 5823

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

58-Ce-135



6

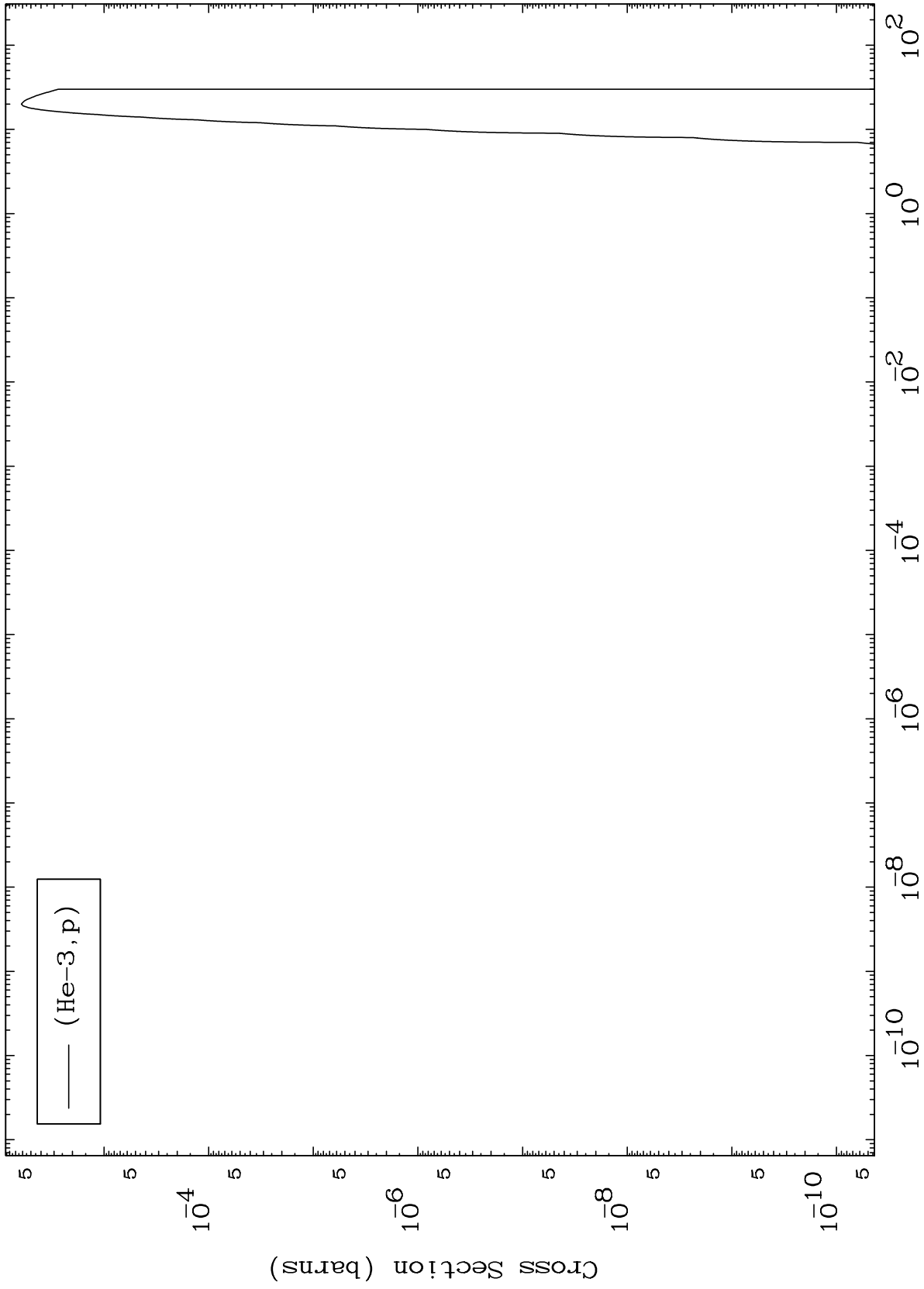
Incident Energy (MeV)

58-Ce-135

MAT 5823

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

58-Ce-135

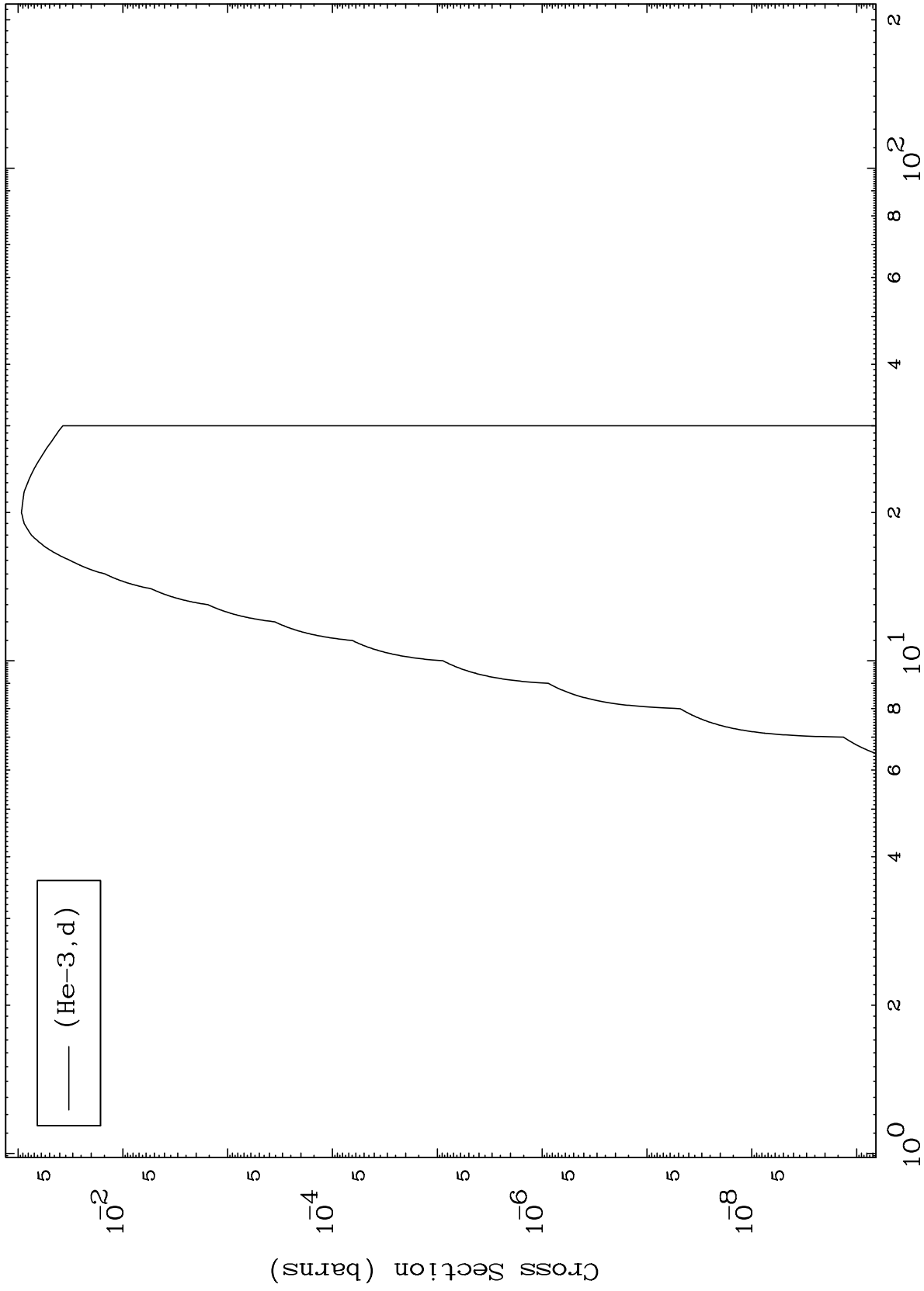




MAT 5823

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

58-Ce-135



8

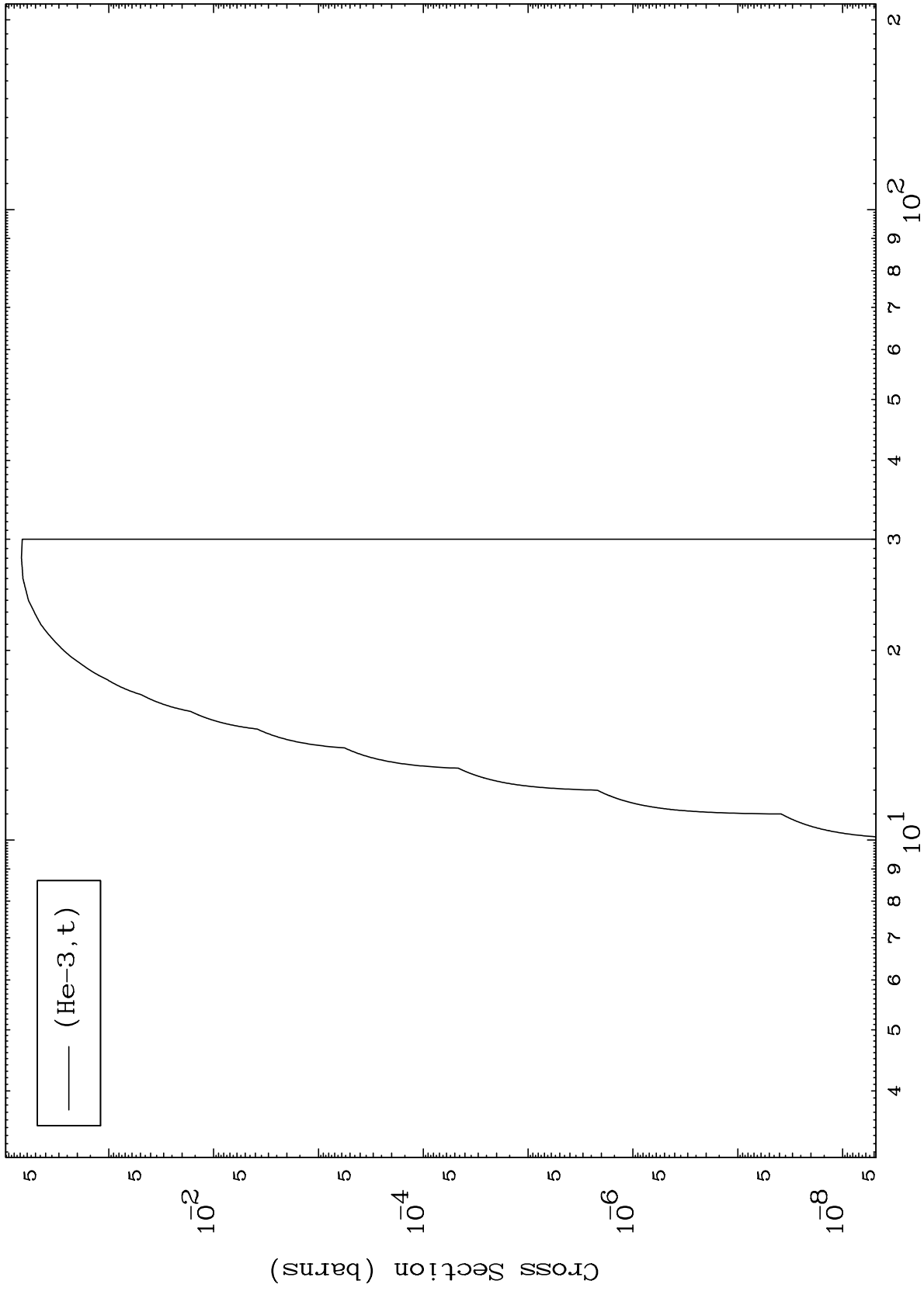
Incident Energy (MeV)

58-Ce-135

MAT 5823

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

58-Ce-135



9

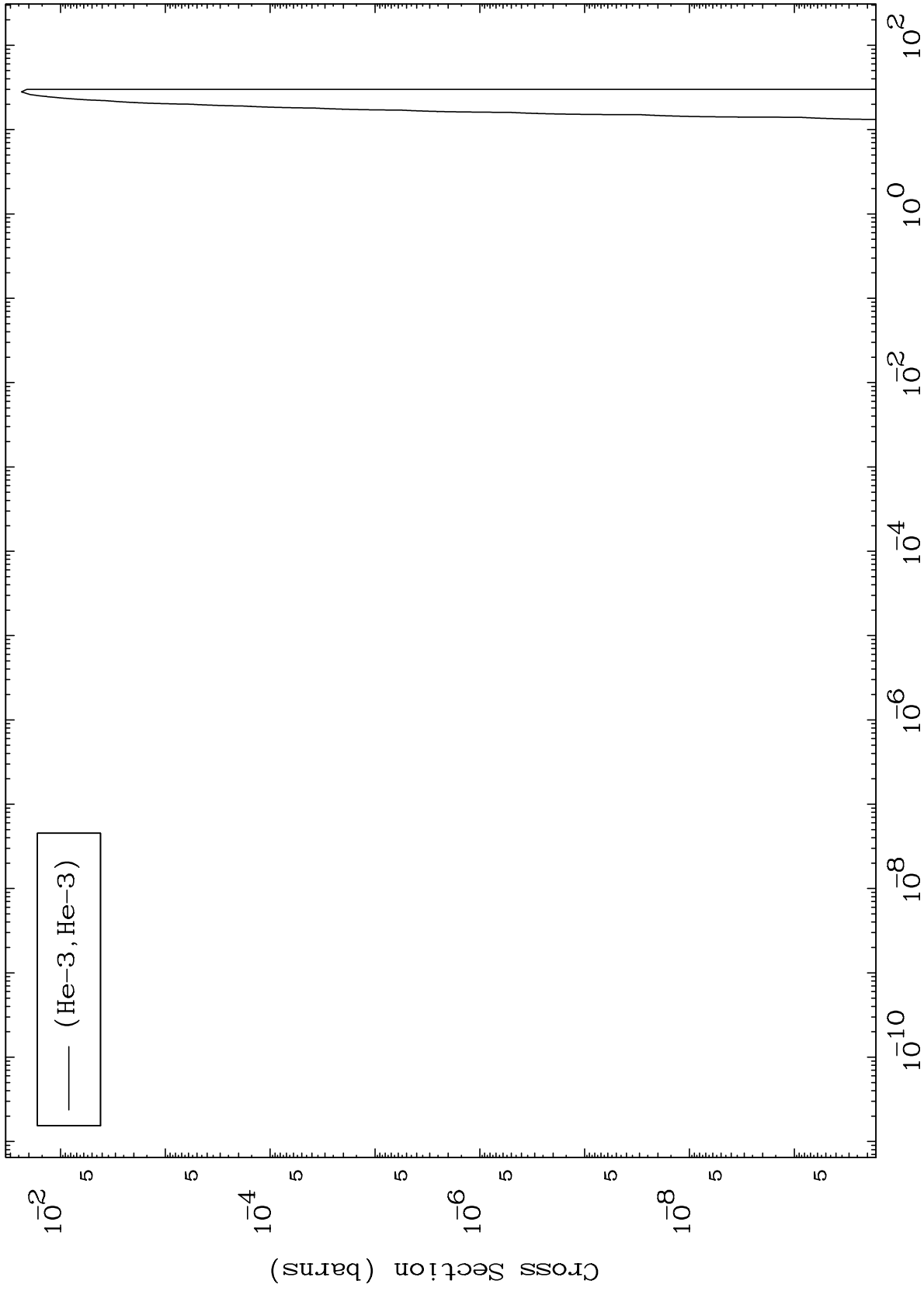
Incident Energy (MeV)

58-Ce-135

MAT 5823

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

58-Ce-135



10

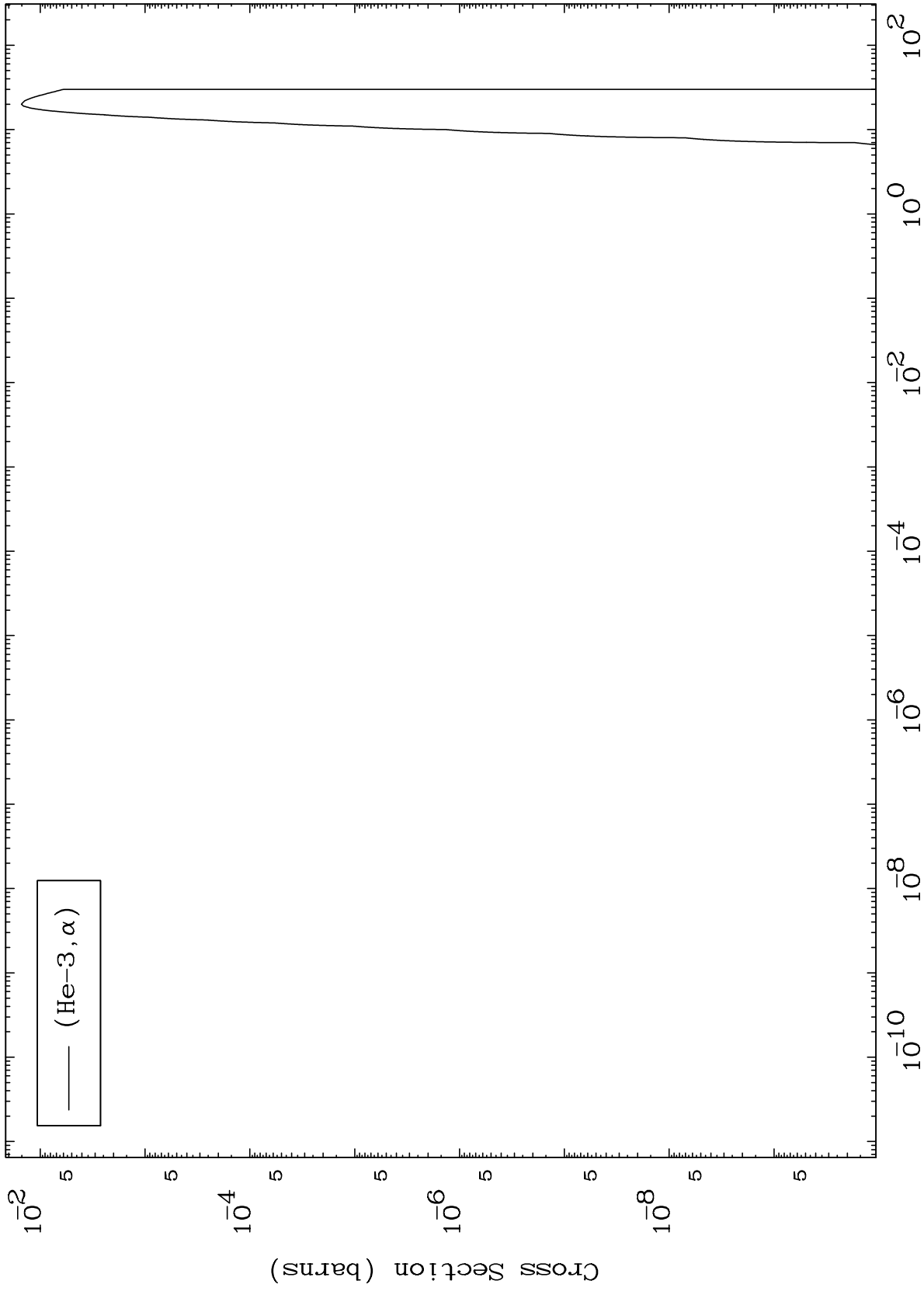
Incident Energy (MeV)

58-Ce-135

MAT 5823

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

58-Ce-135



11

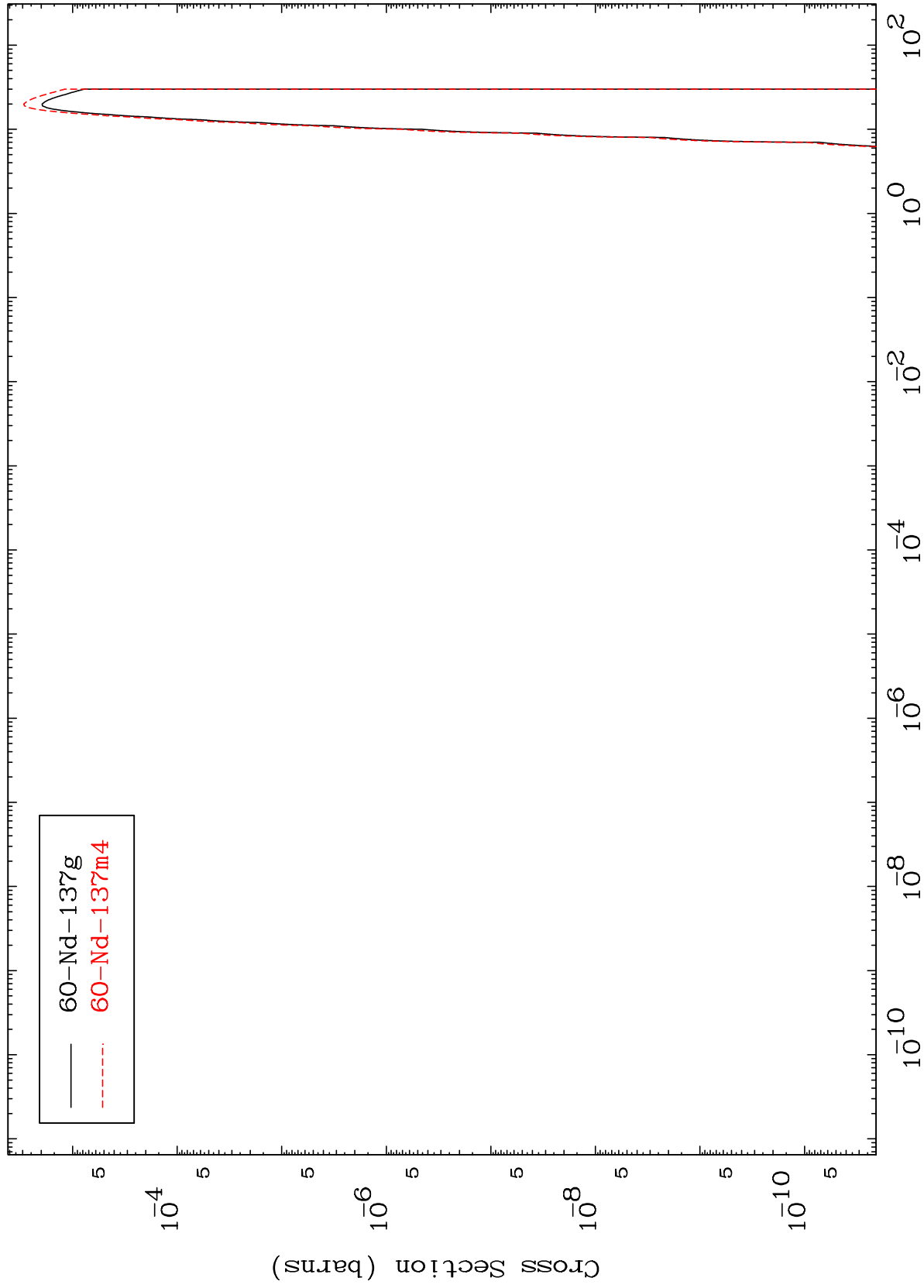
Incident Energy (MeV)

58-Ce-135

MAT 5823

He-3 Inelastic  
Radionuclide Production Cross Section

58-Ce-135



12

Incident Energy (MeV)

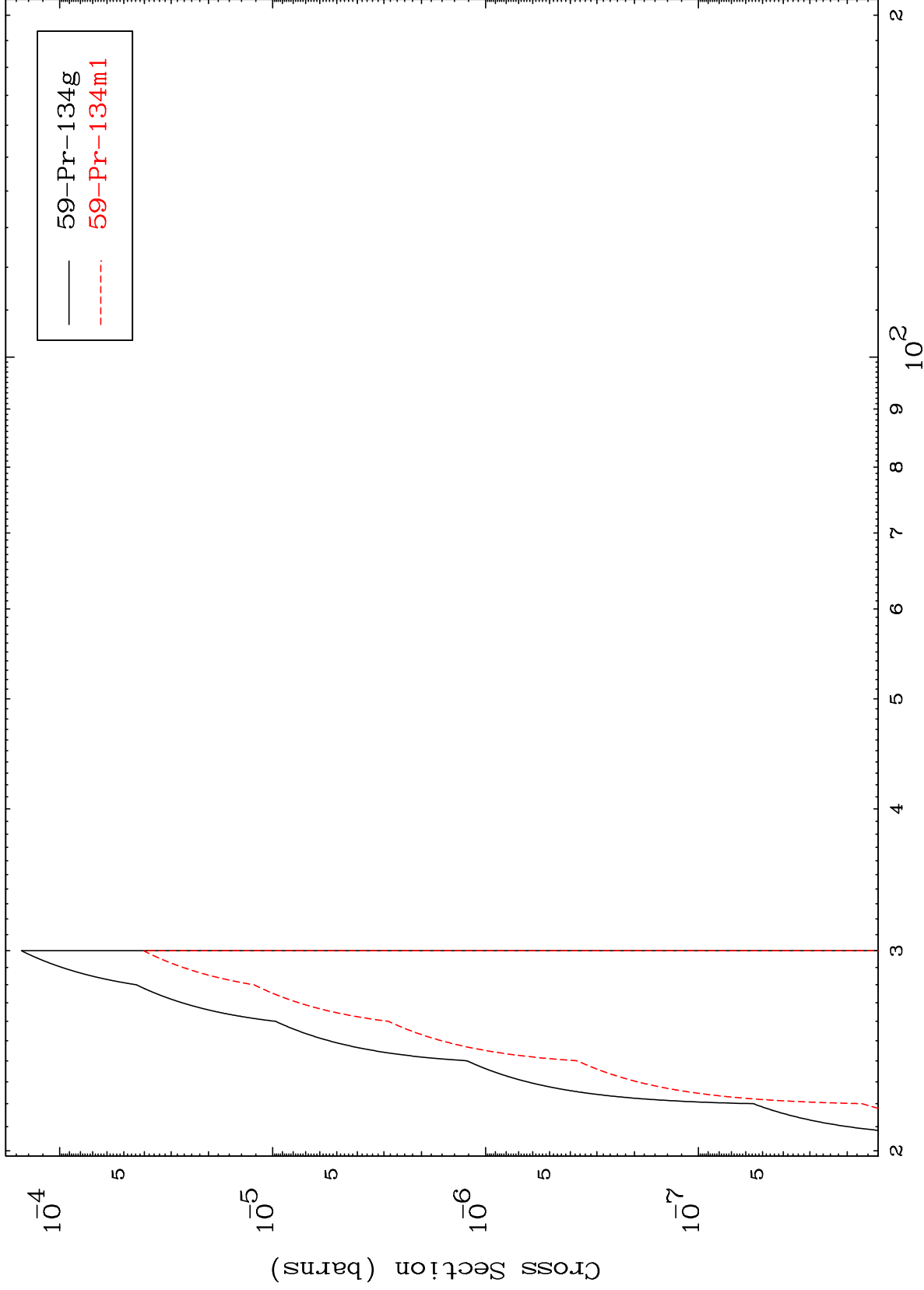
58-Ce-135

MAT 5823

(He-3,2n) d

58-Ce-135

Radionuclide Production Cross Section



13

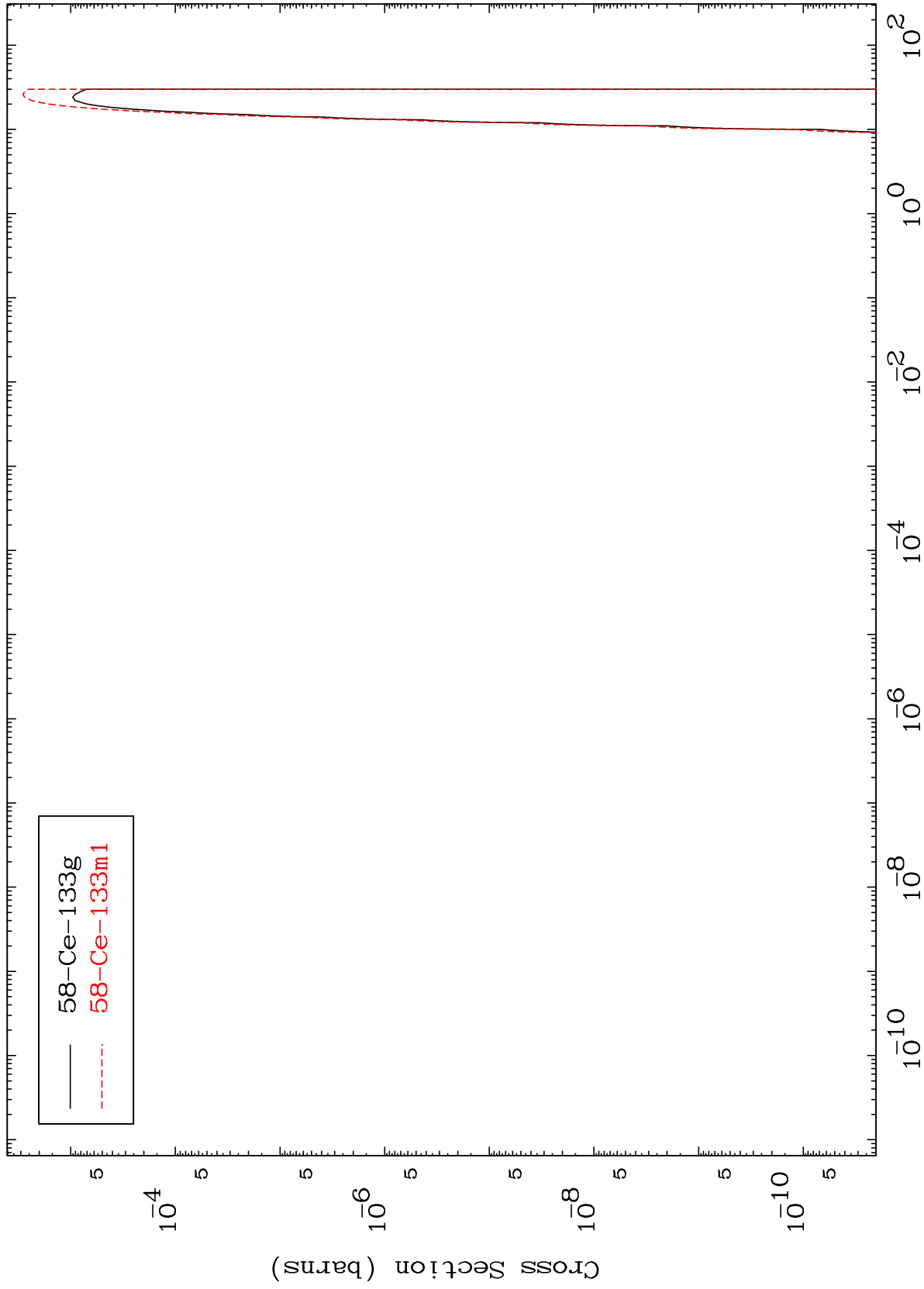
Incident Energy (MeV)

58-Ce-135

MAT 5823

(He-3, n')  $\alpha$   
Radionuclide Production Cross Section

58-Ce-135



14

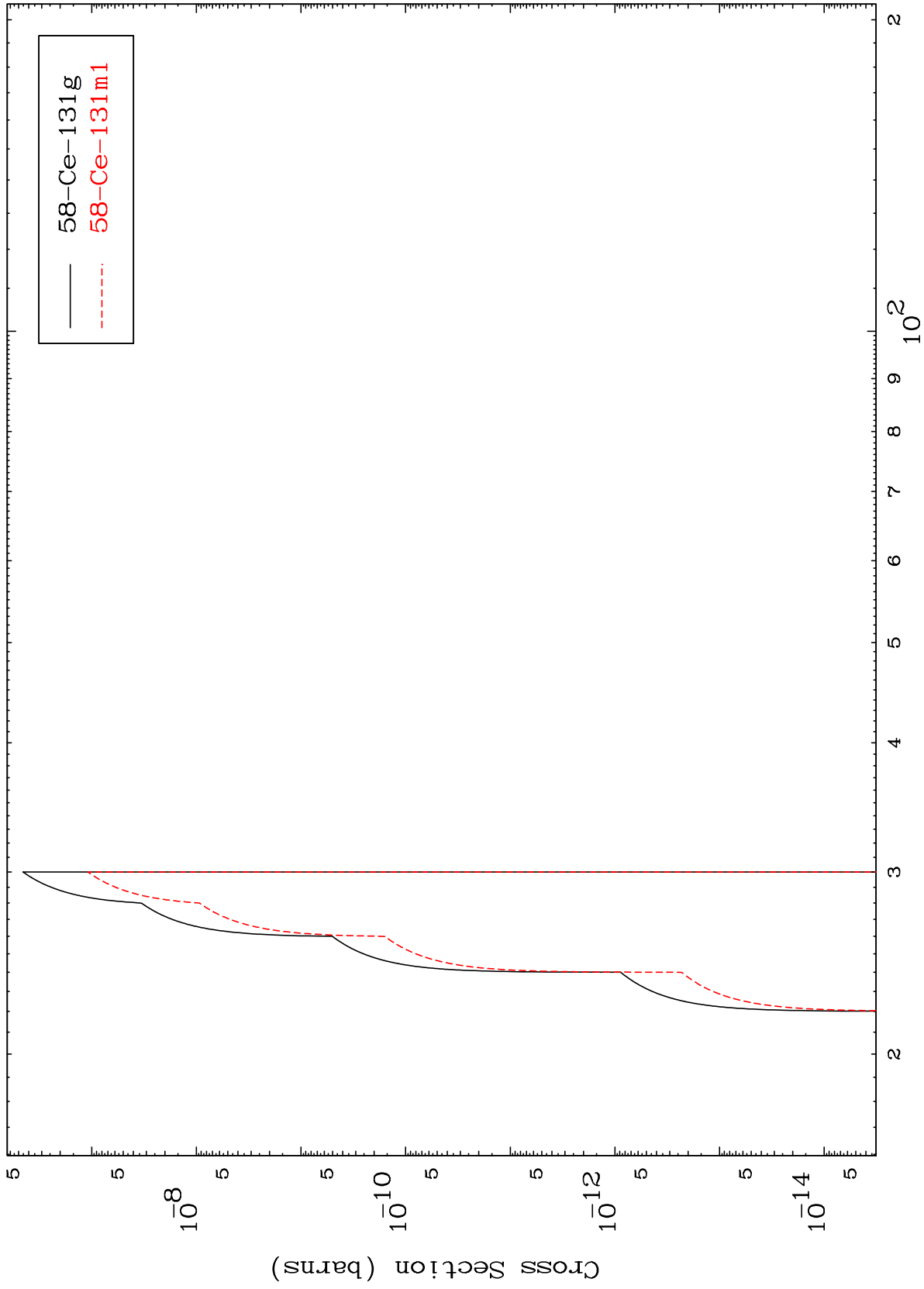
58-Ce-135

MAT 5823

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

58-Ce-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

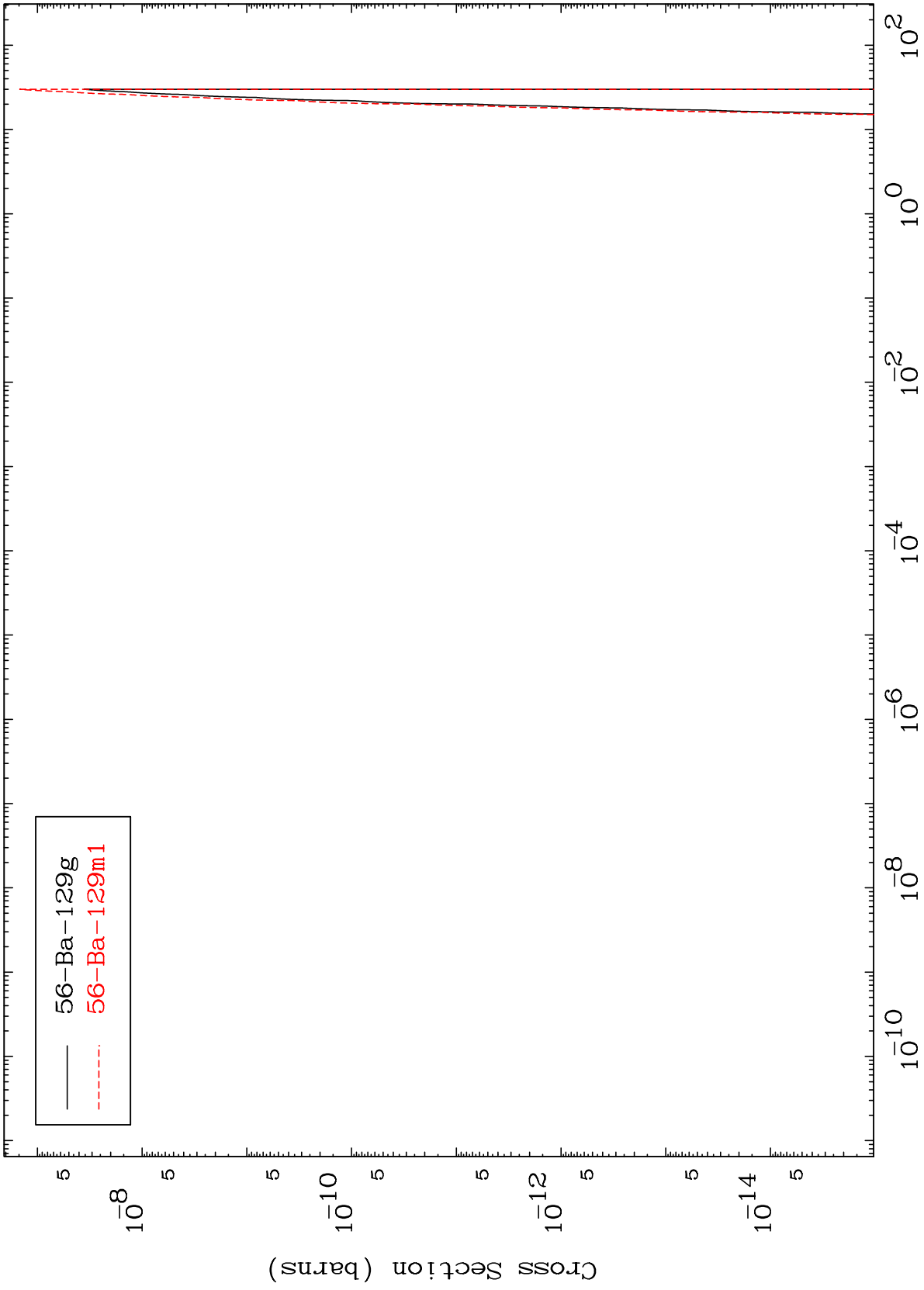
58-Ce-135



MAT 5823

(He-3, n') 2 $\alpha$   
Radionuclide Production Cross Section

58-Ce-135

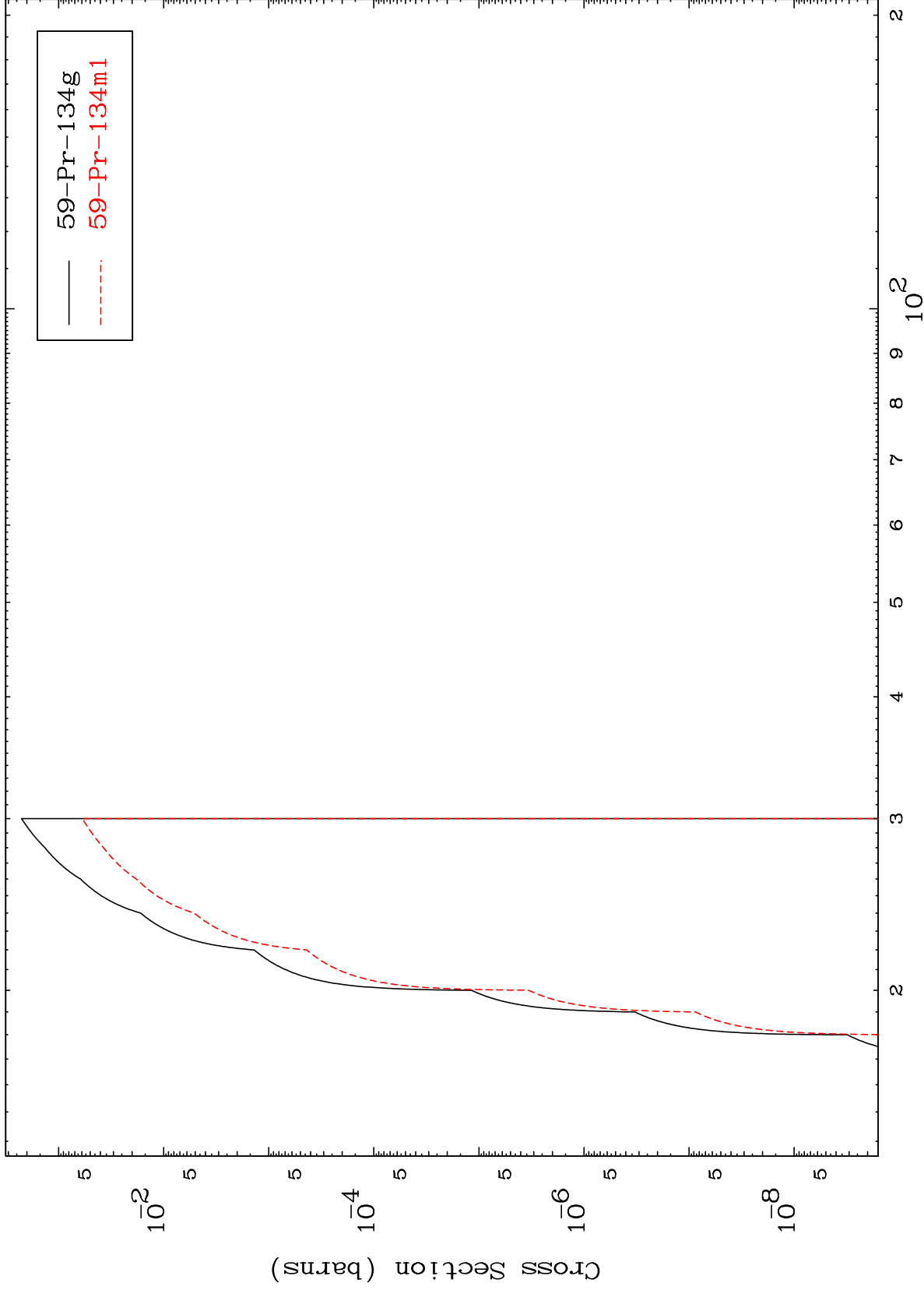


MAT 5823

(He-3, n') t

58-Ce-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

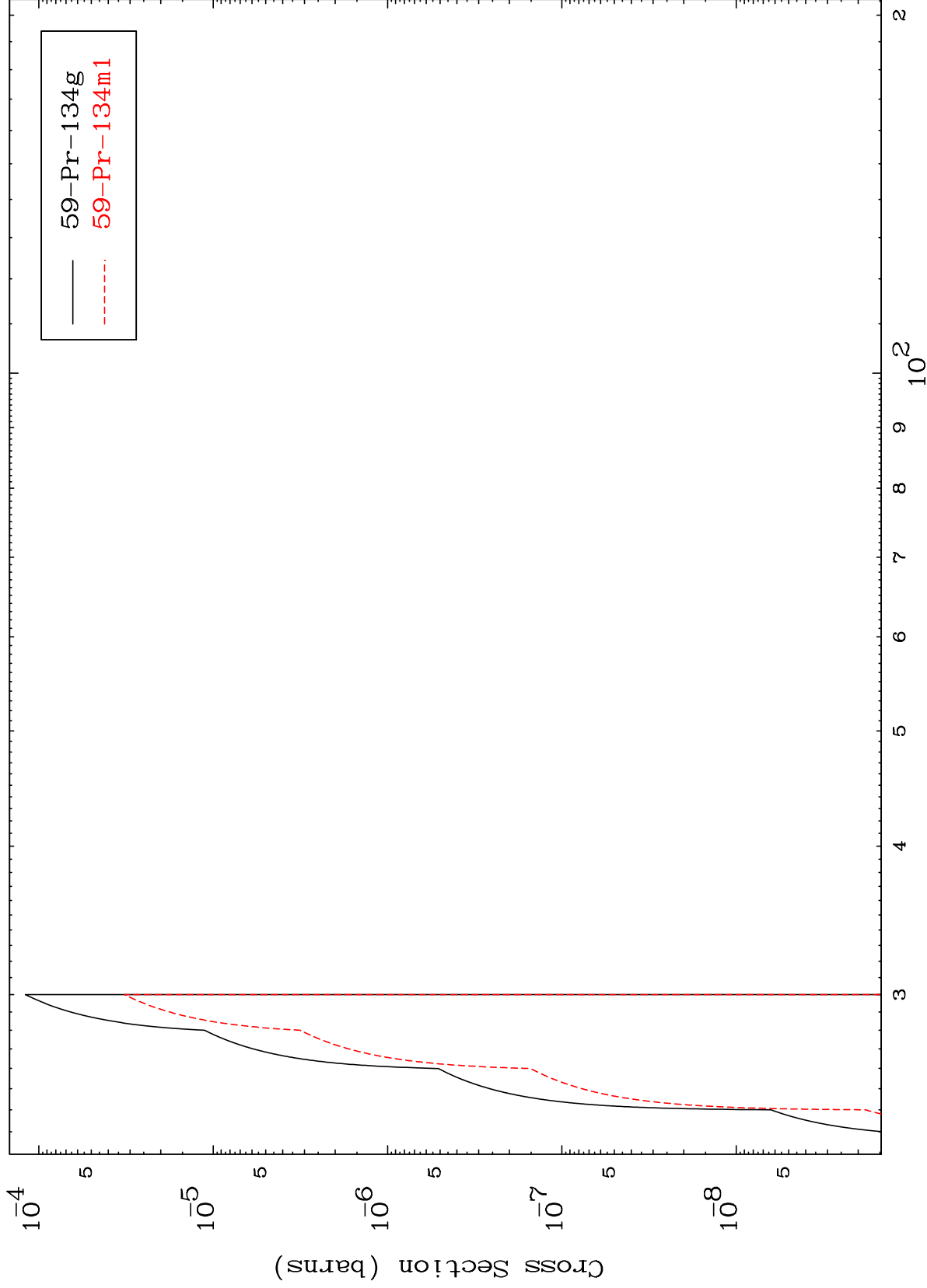
58-Ce-135

MAT 5823

(He-3,3n) p

58-Ce-135

Radionuclide Production Cross Section



18

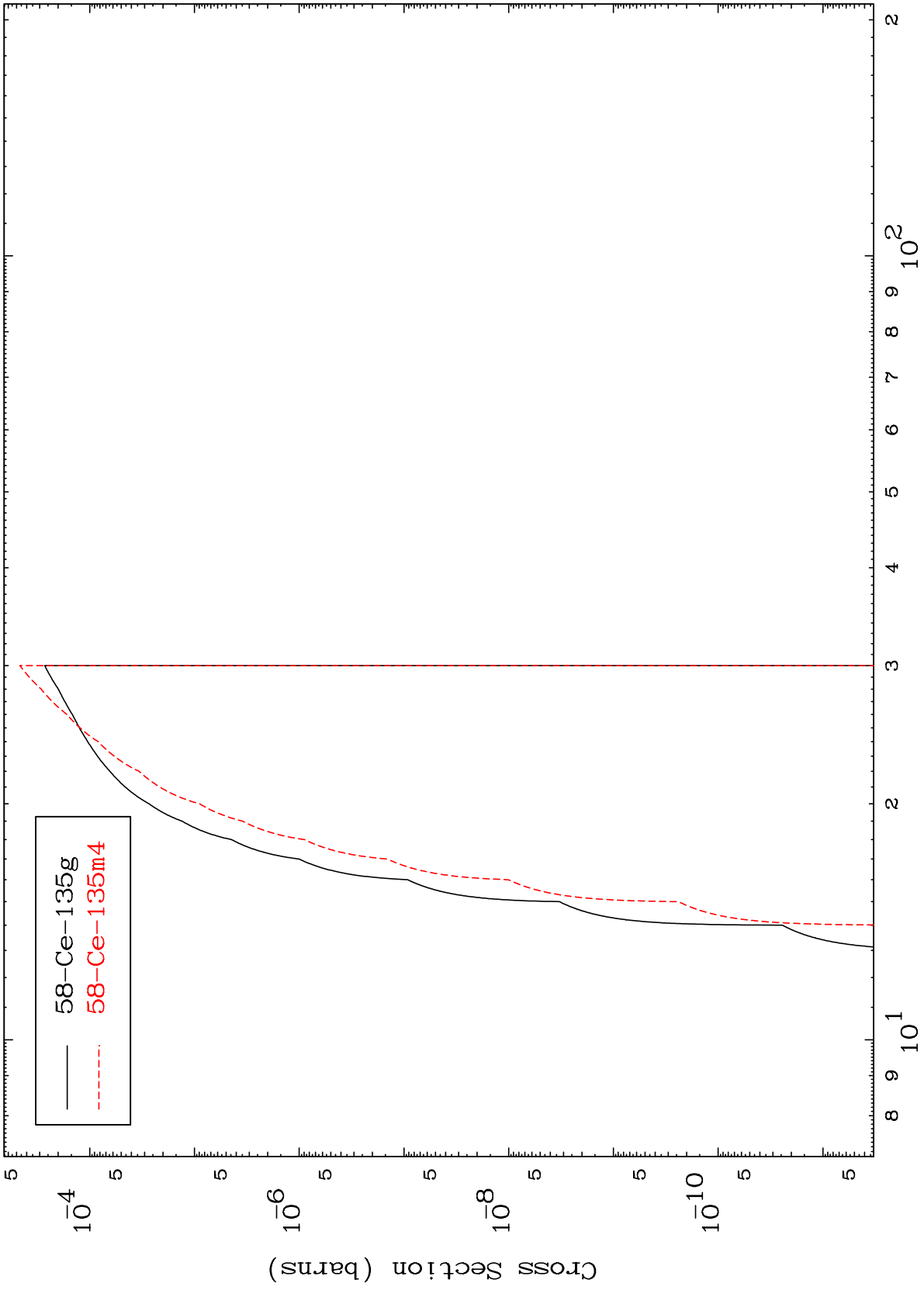
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(He-3,2n) p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

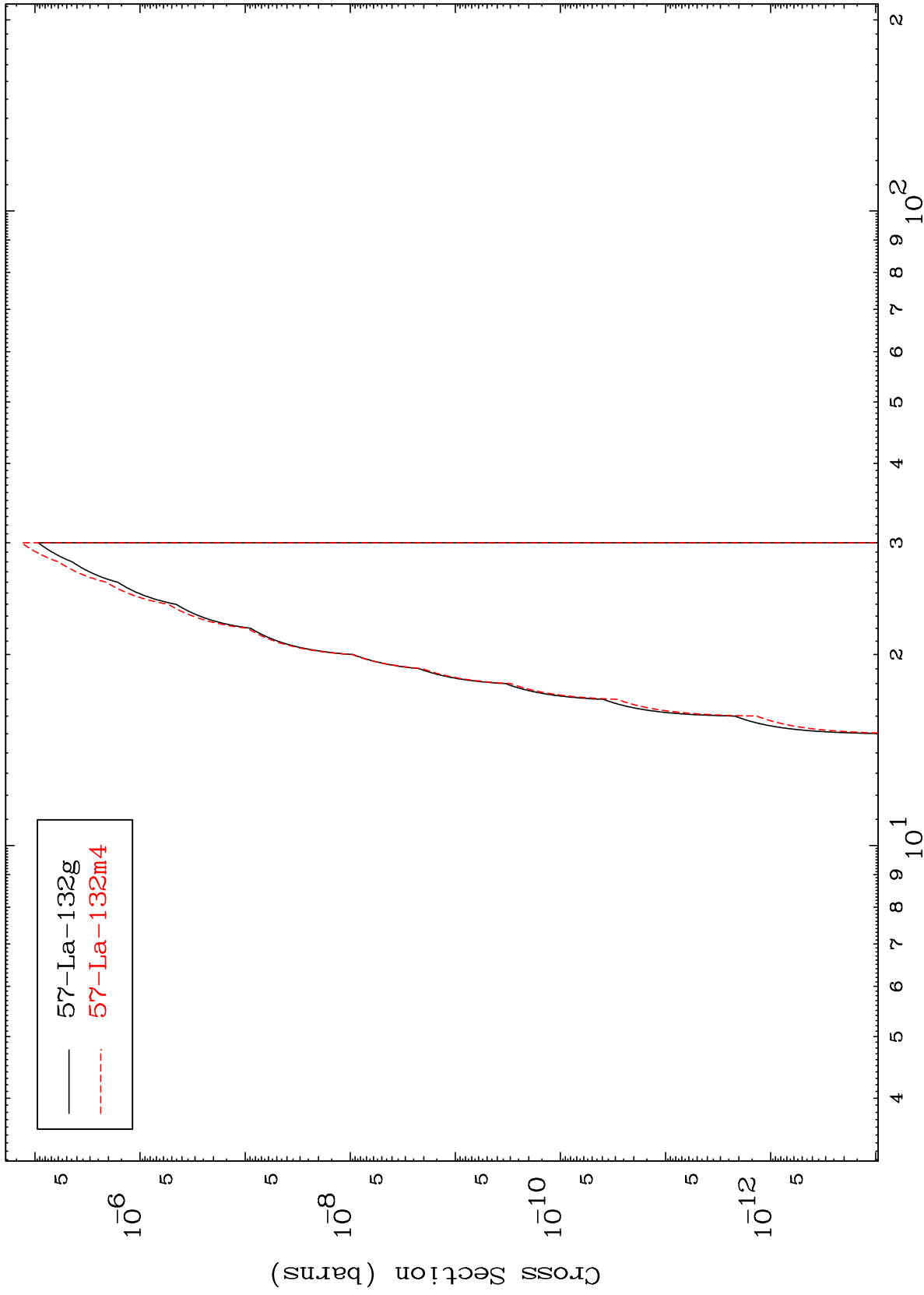
58-Ce-135

MAT 5823

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

58-Ce-135

Radionuclide Production Cross Section



57-La-132g  
57-La-132m4

20

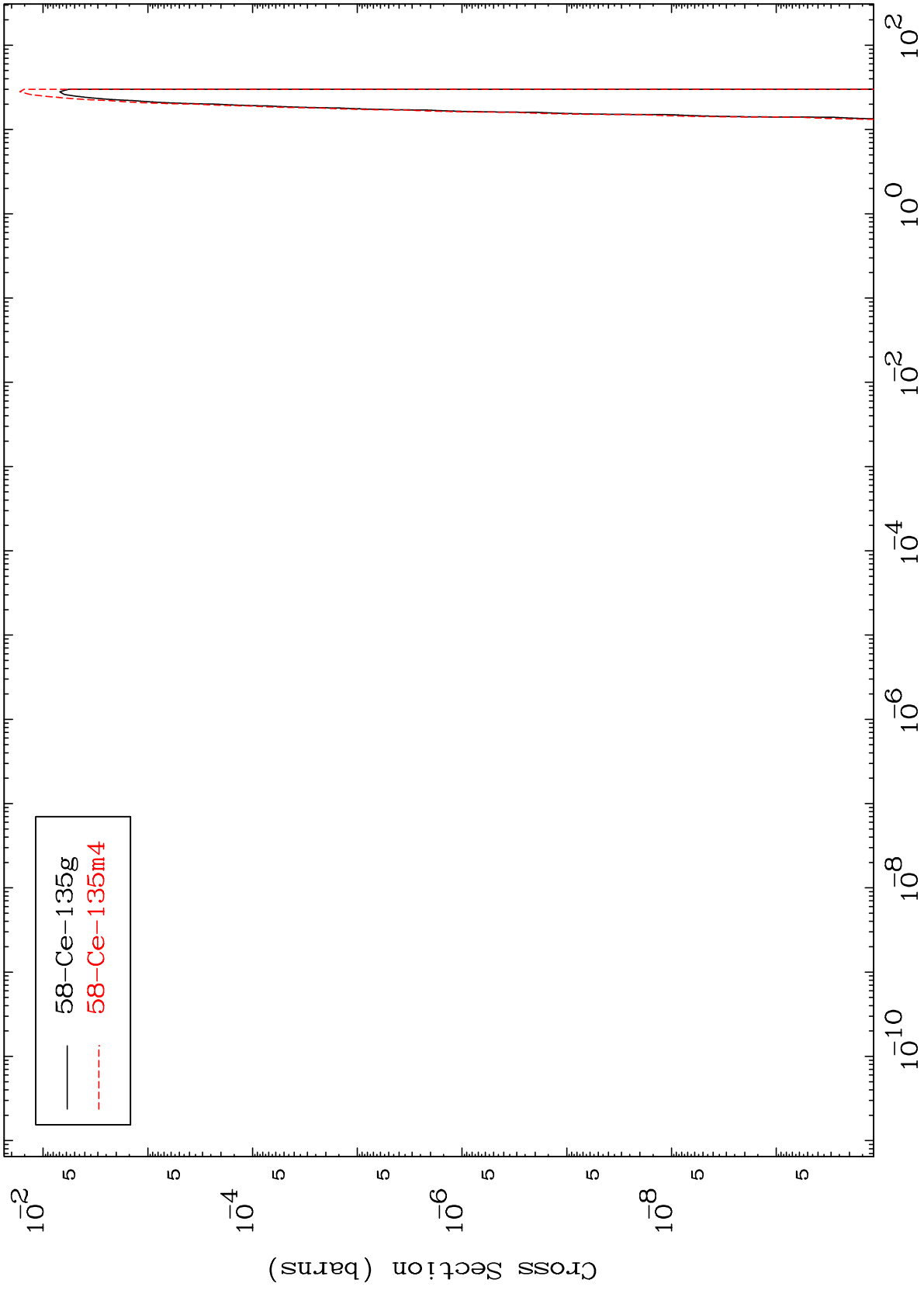
Incident Energy (MeV)

58-Ce-135

MAT 5823

(He-3, He-3)  
Radionuclide Production Cross Section

58-Ce-135

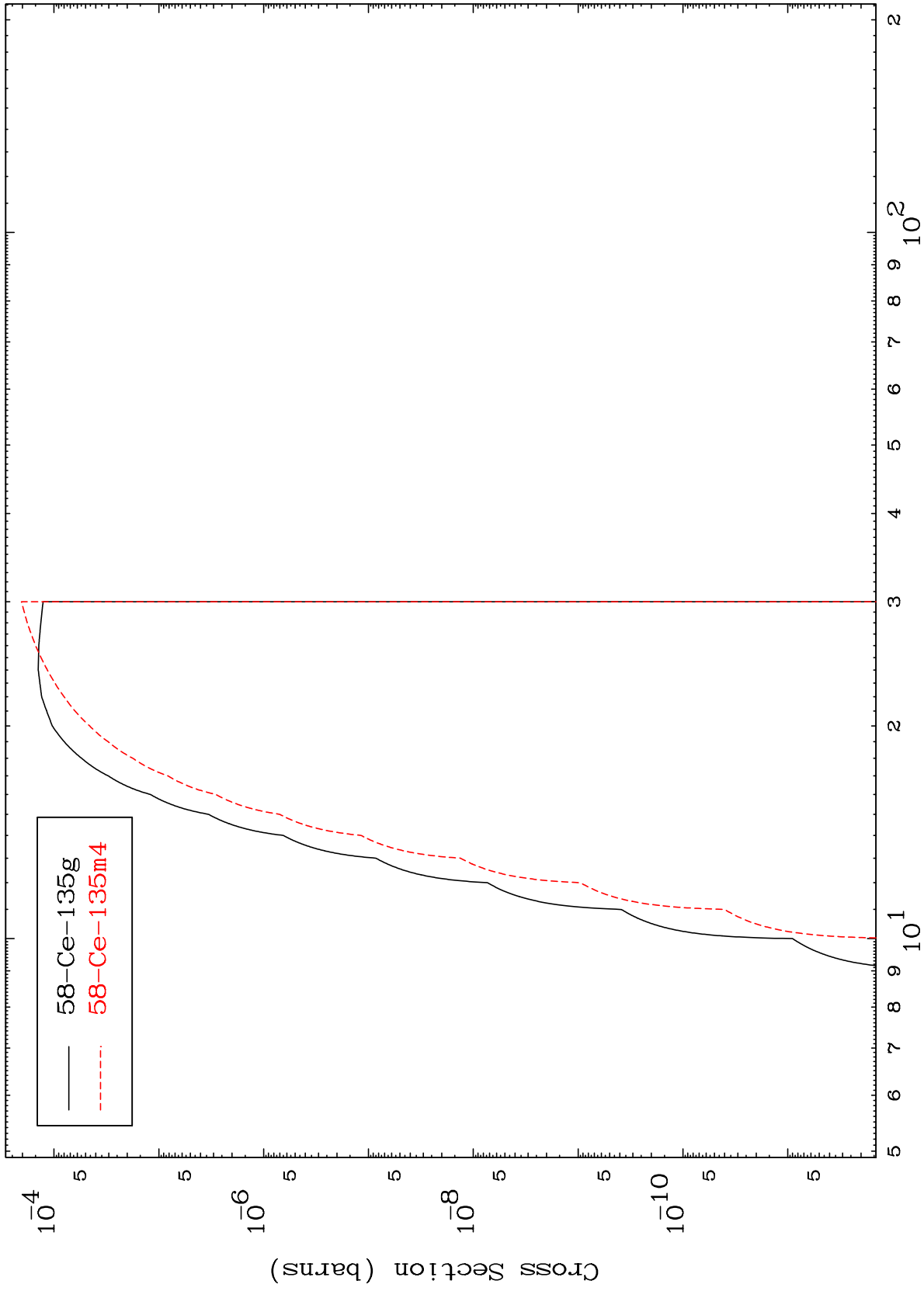


MAT 5823

(He-3,p) d

58-Ce-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

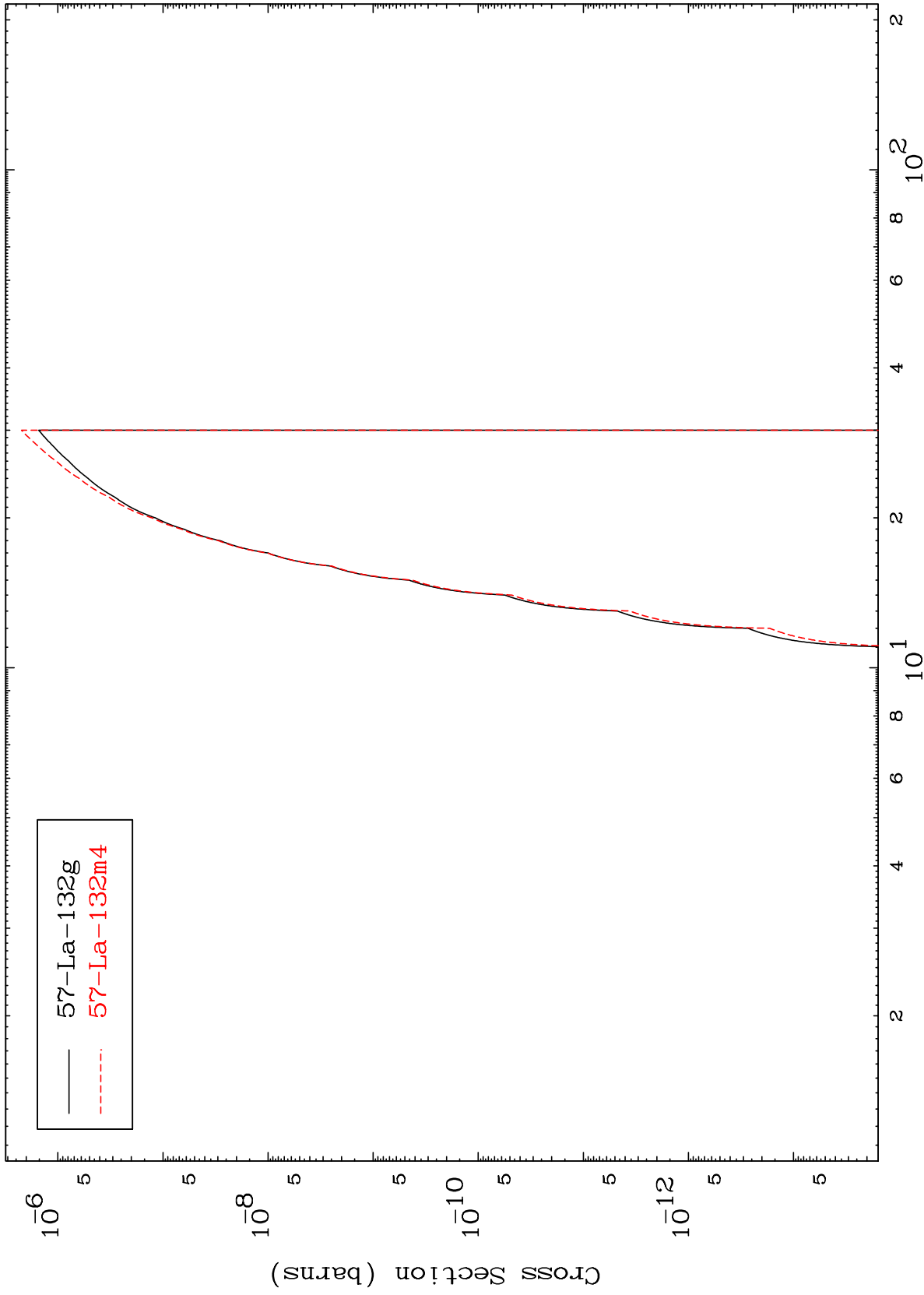
58-Ce-135

MAT 5823

(He-3,d)  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-135