

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

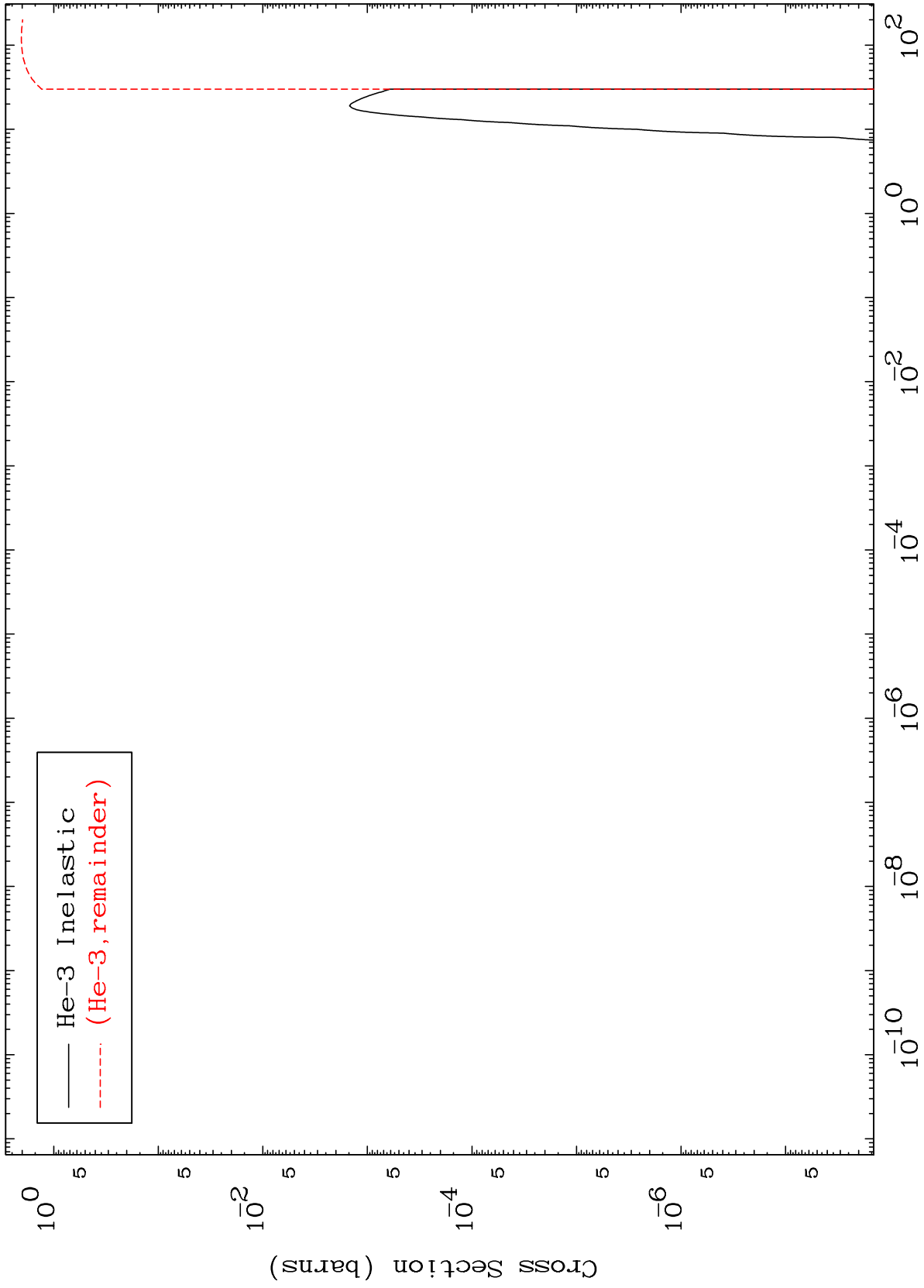
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5537

He-3 Major  
0 Kelvin Cross Sections

55-Cs-137

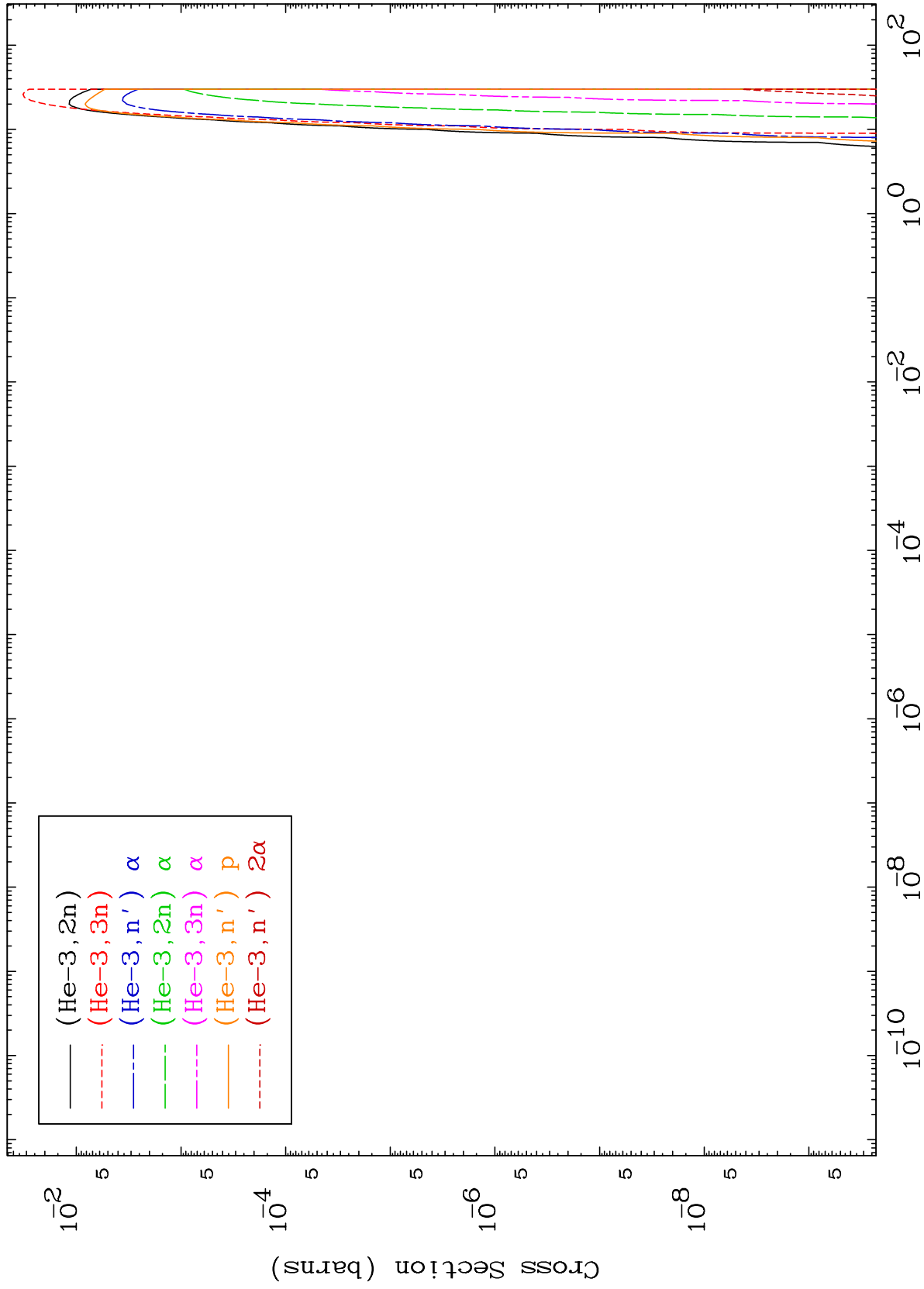


— He-3 Inelastic  
- - - (He-3, remainder)

MAT 5537

He-3 Neutron Production  
0 Kelvin Cross Sections

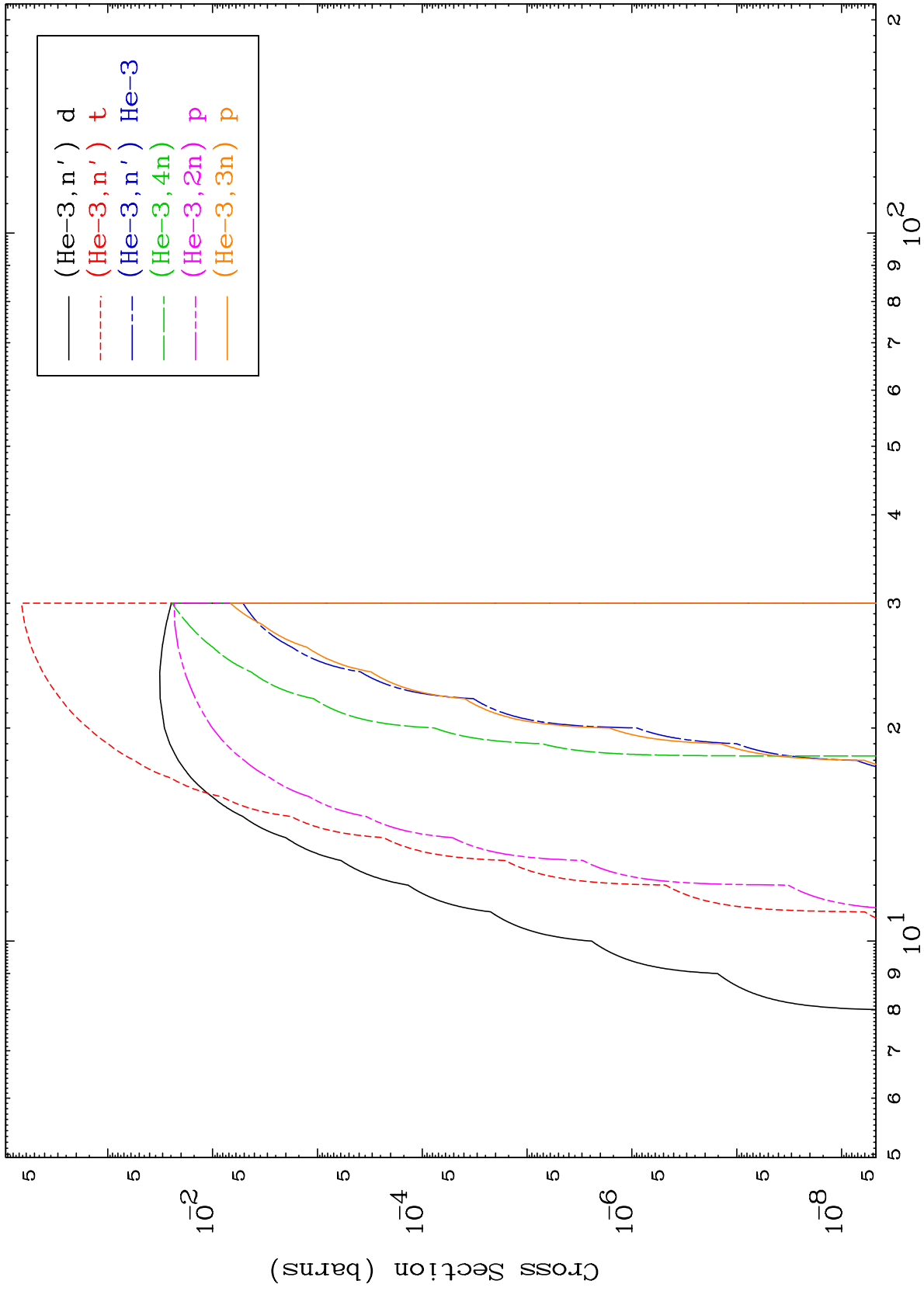
55-Cs-137



2

Incident Energy (MeV)

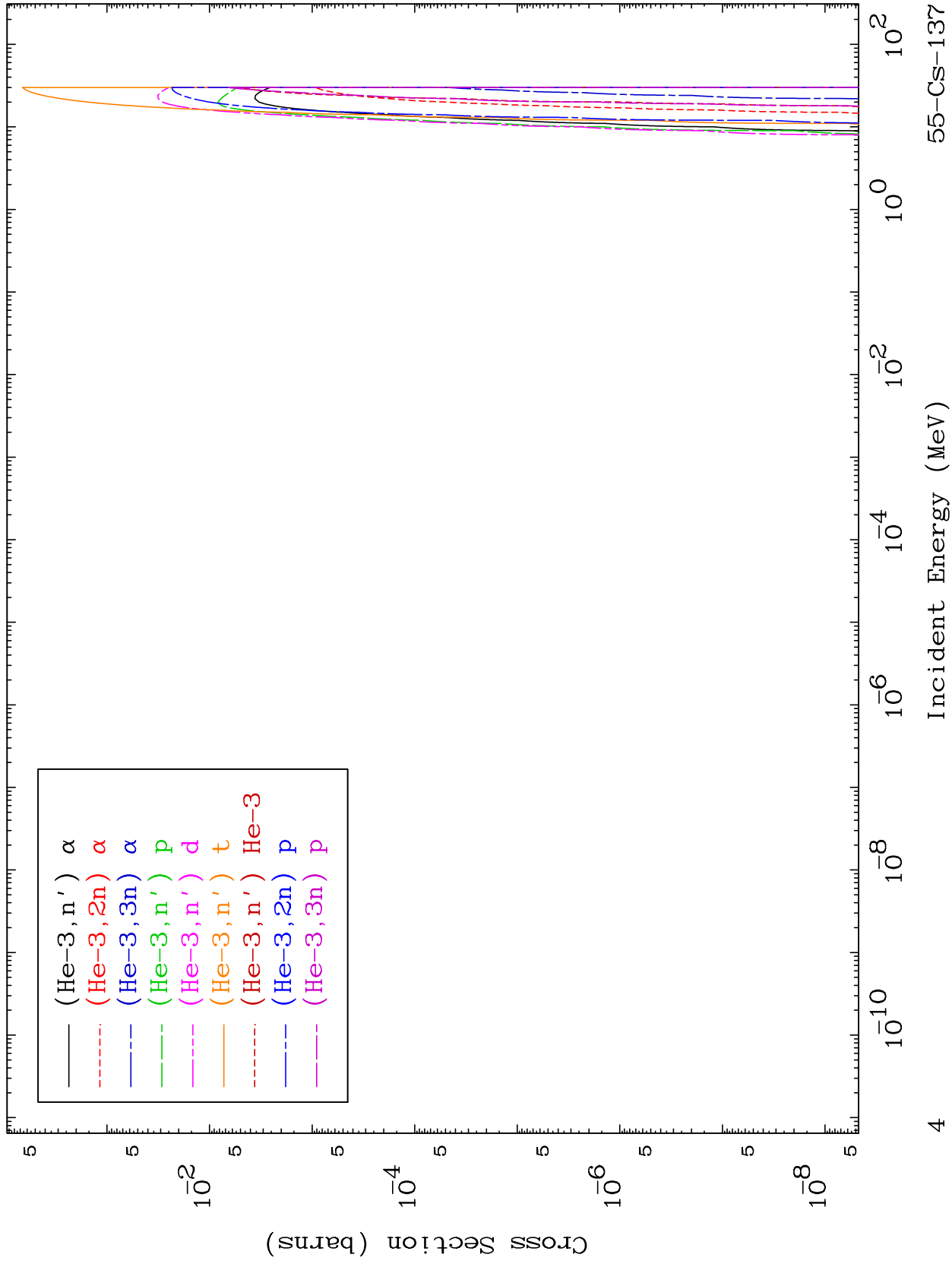
55-Cs-137



MAT 5537

He-3 Charged Particle  
0 Kelvin Cross Sections

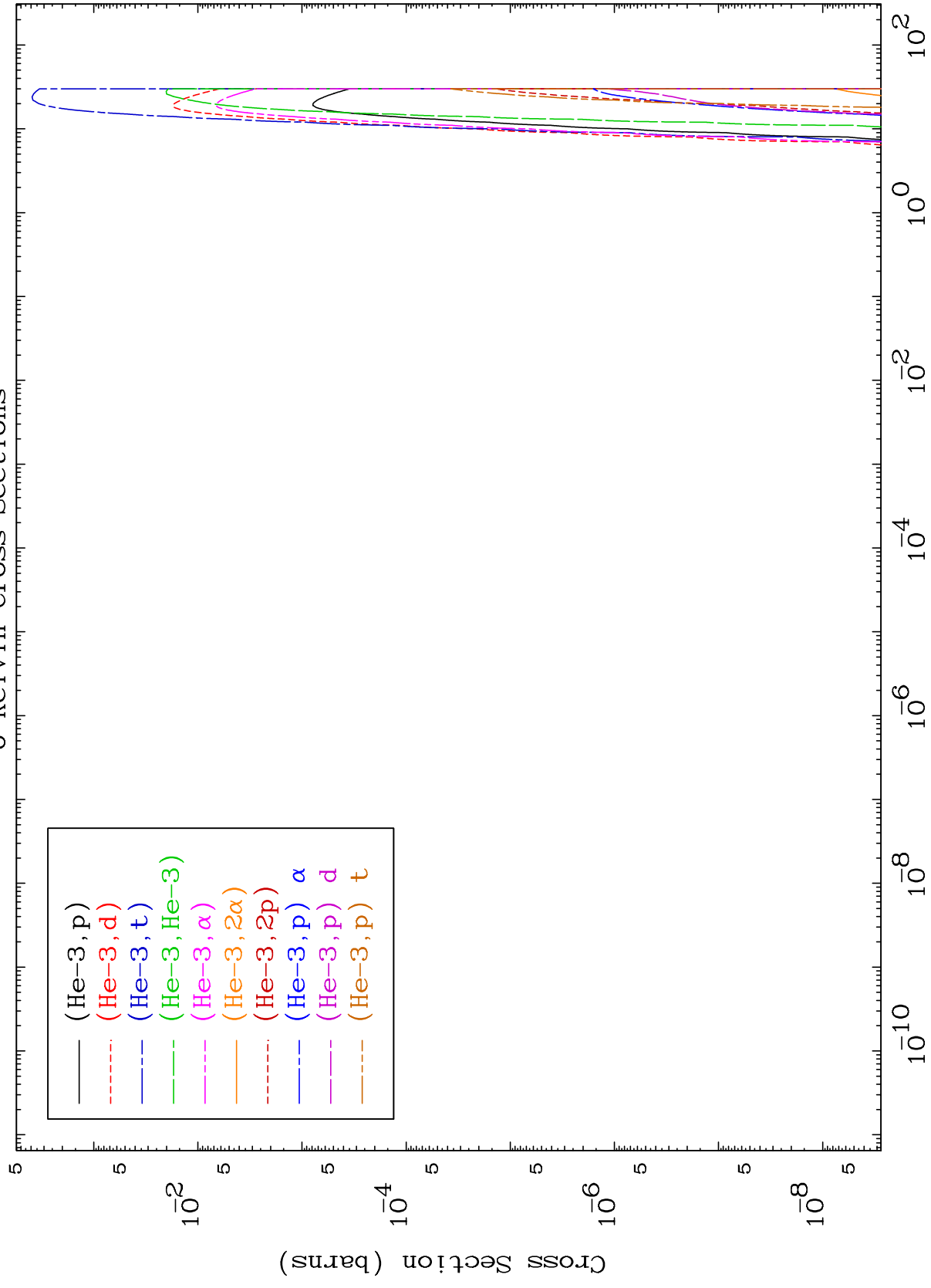
55-Cs-137



MAT 5537

He-3 Charged Particle  
0 Kelvin Cross Sections

55-Cs-137



5

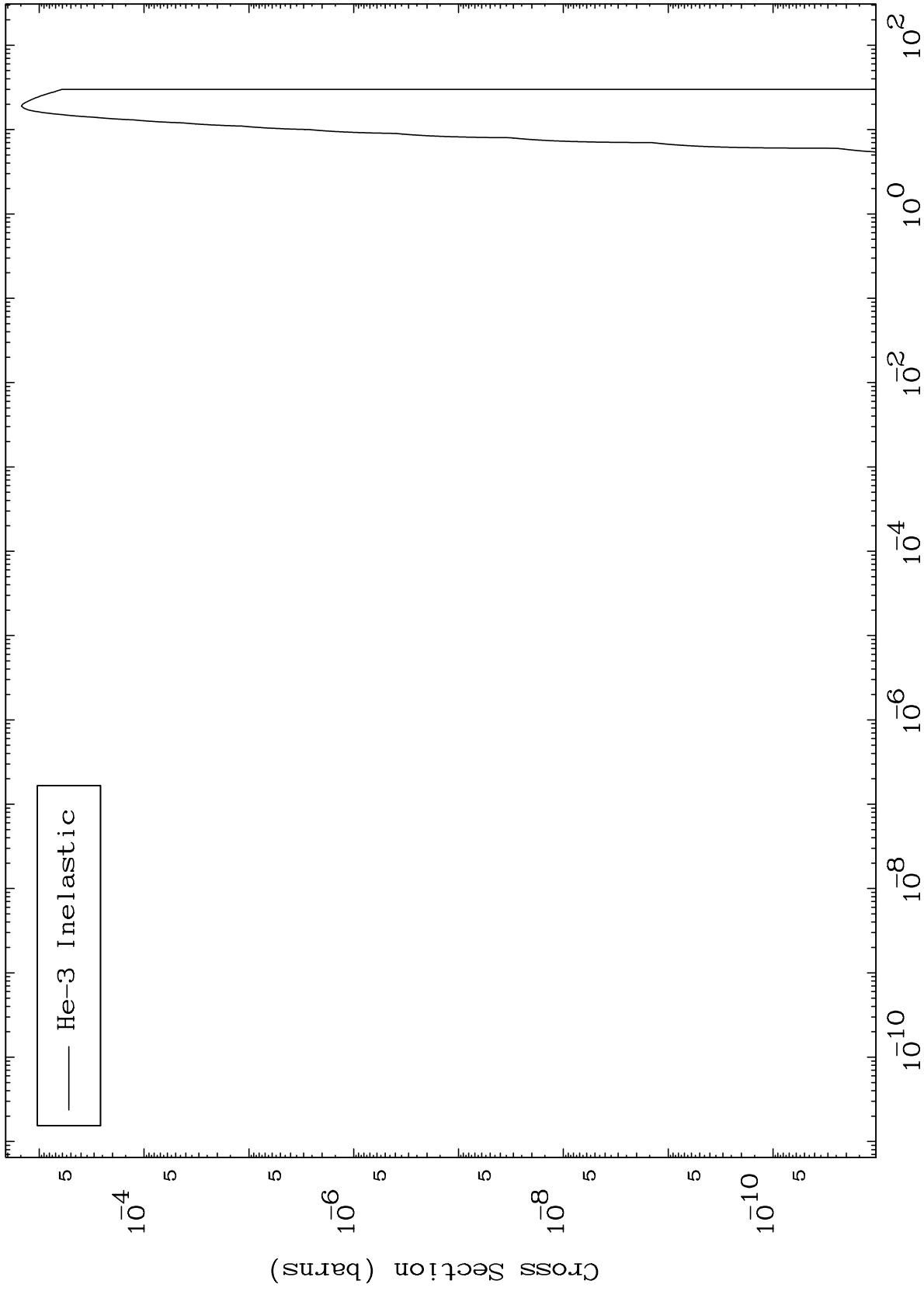
Incident Energy (MeV)

55-Cs-137

MAT 5537

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

55-Cs-137



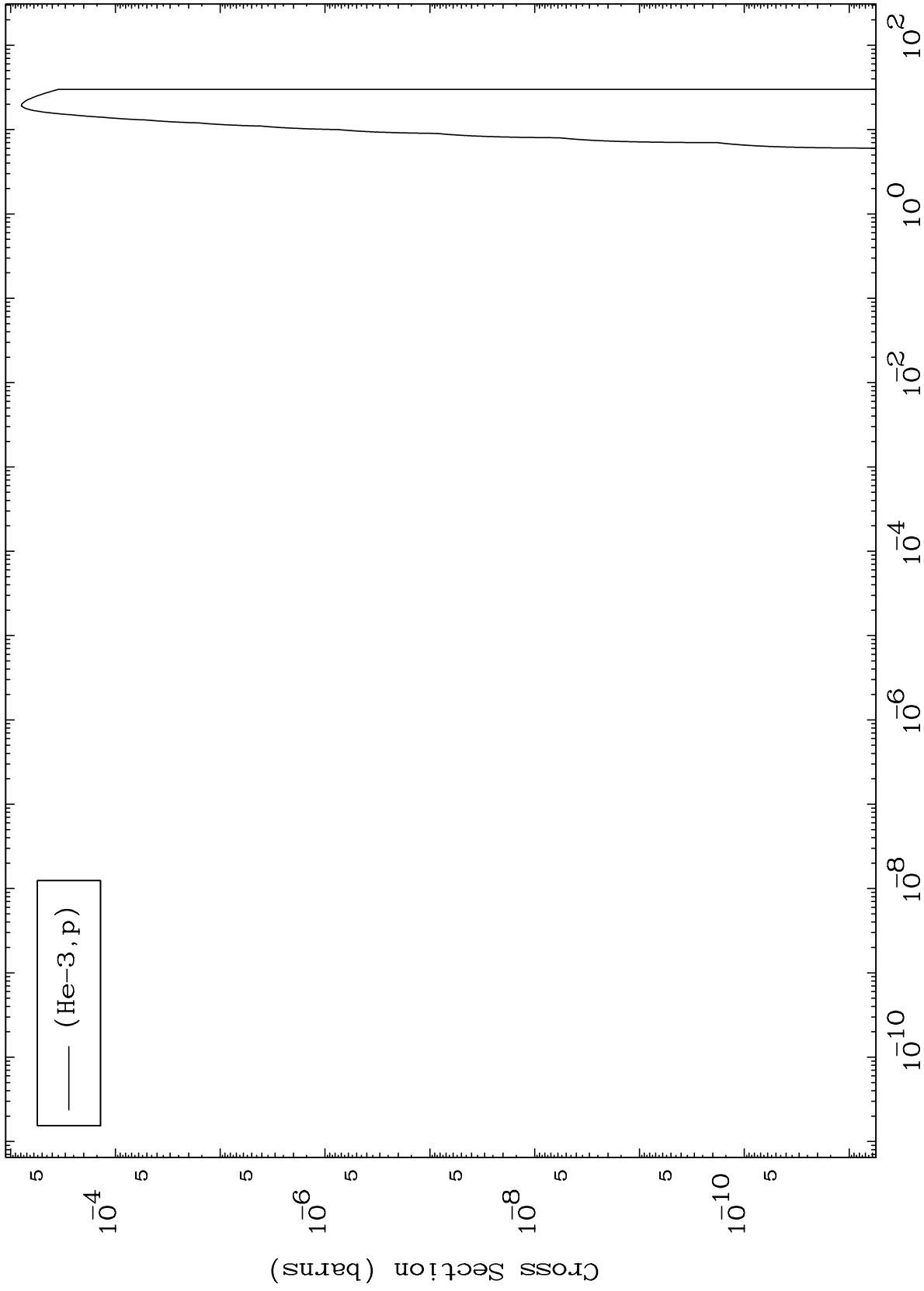
6

55-Cs-137

MAT 5537

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

55-Cs-137

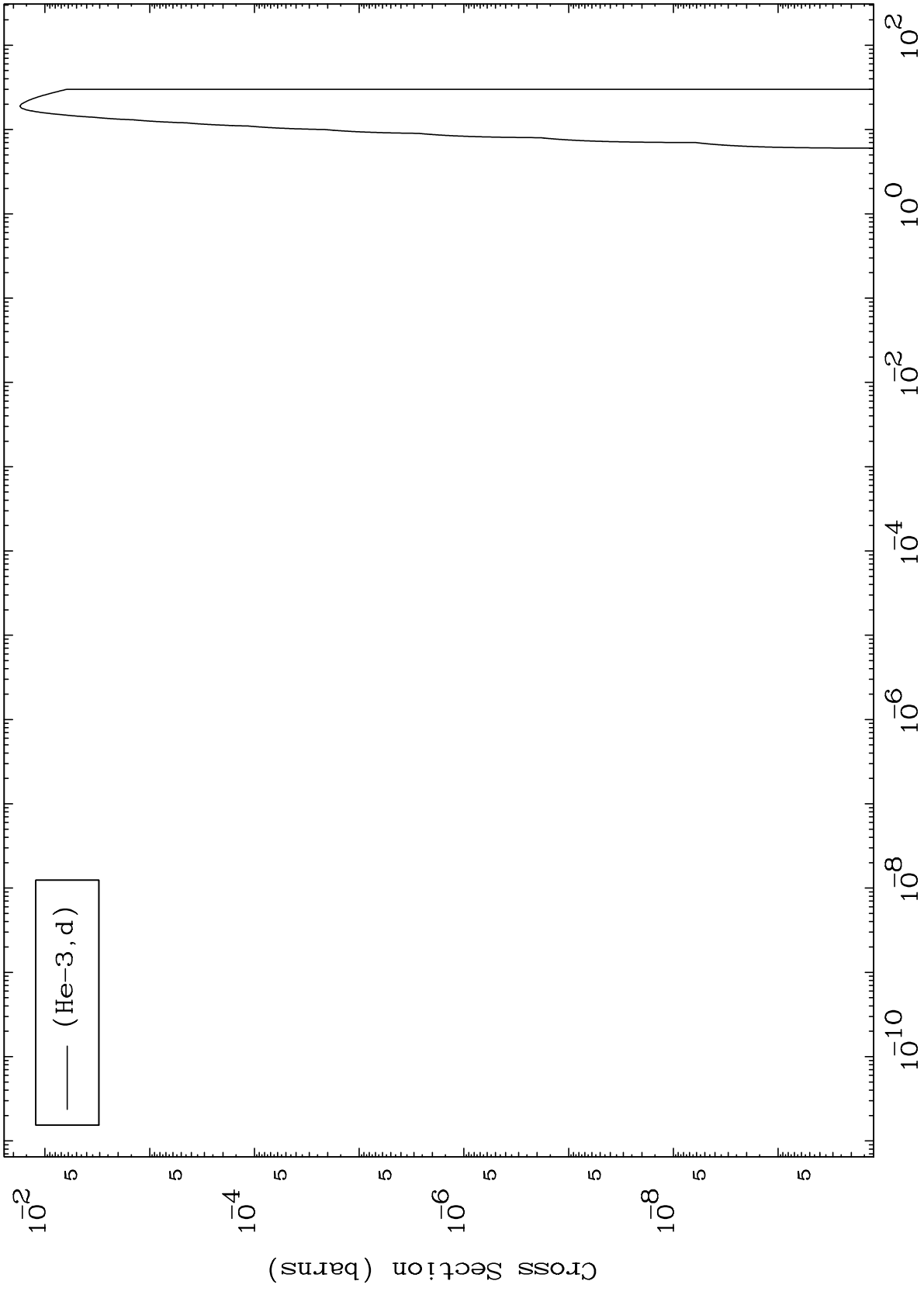




MAT 5537

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

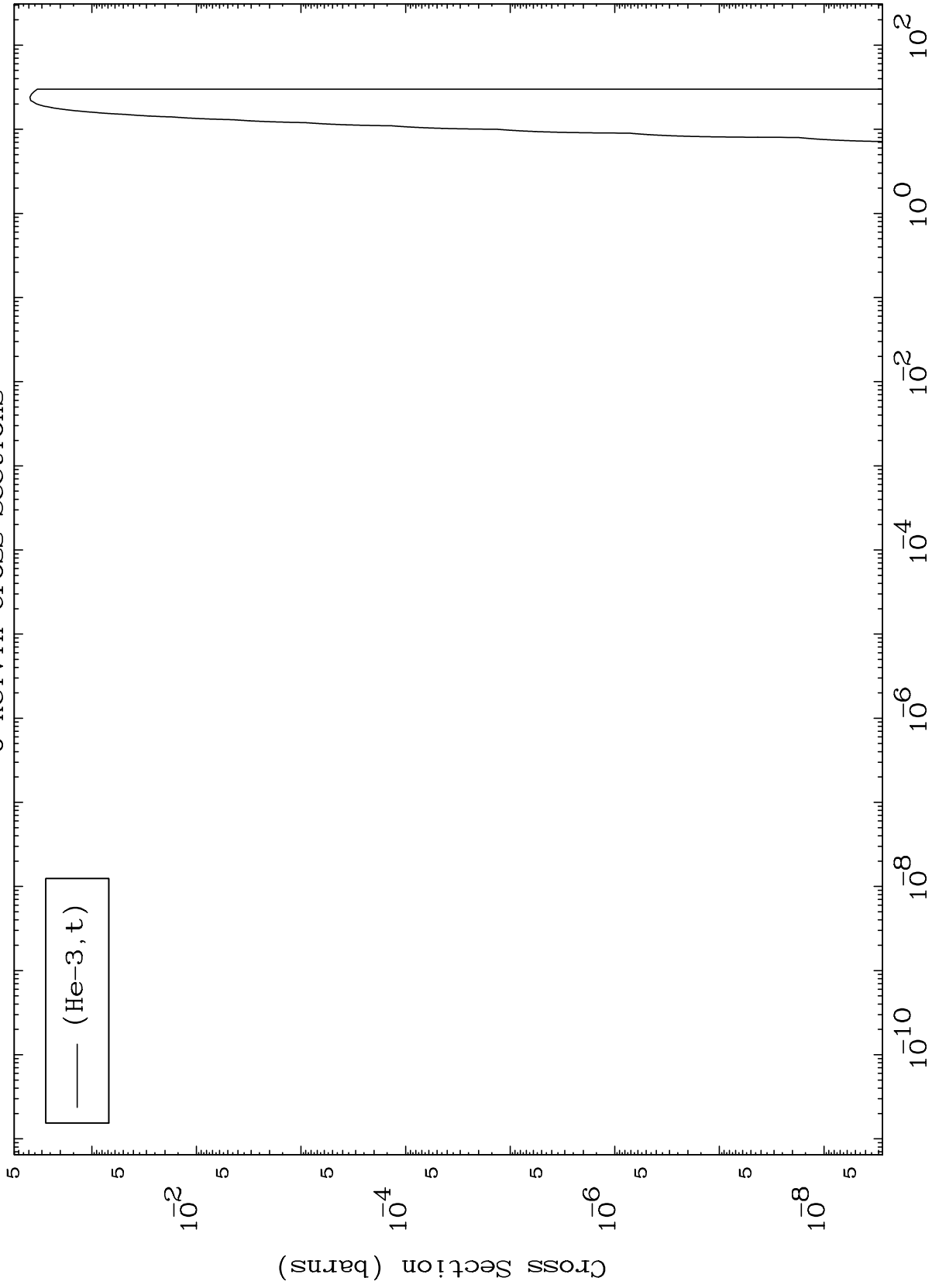
55-Cs-137



MAT 5537

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

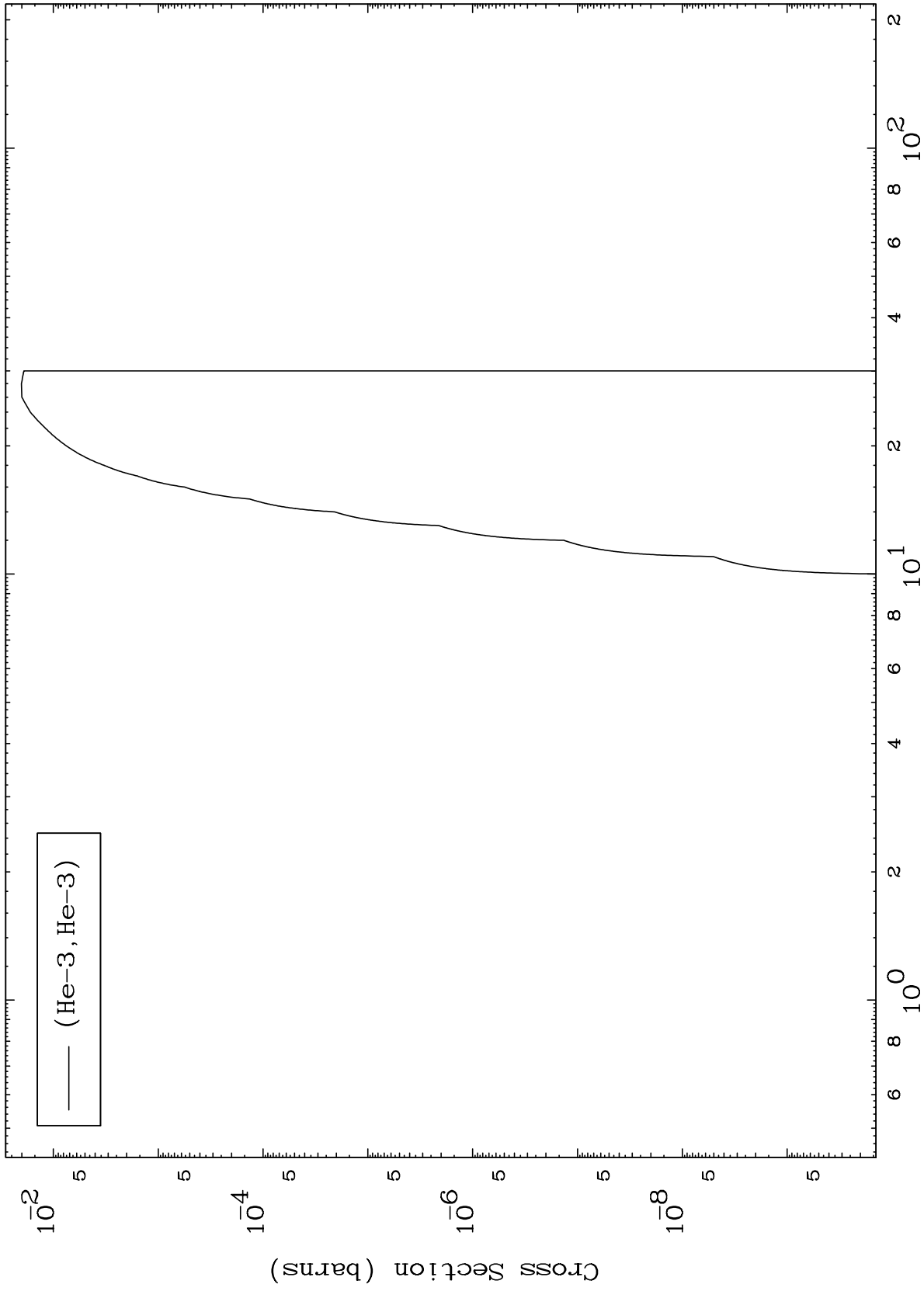
55-Cs-137



MAT 5537

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

55-Cs-137



10

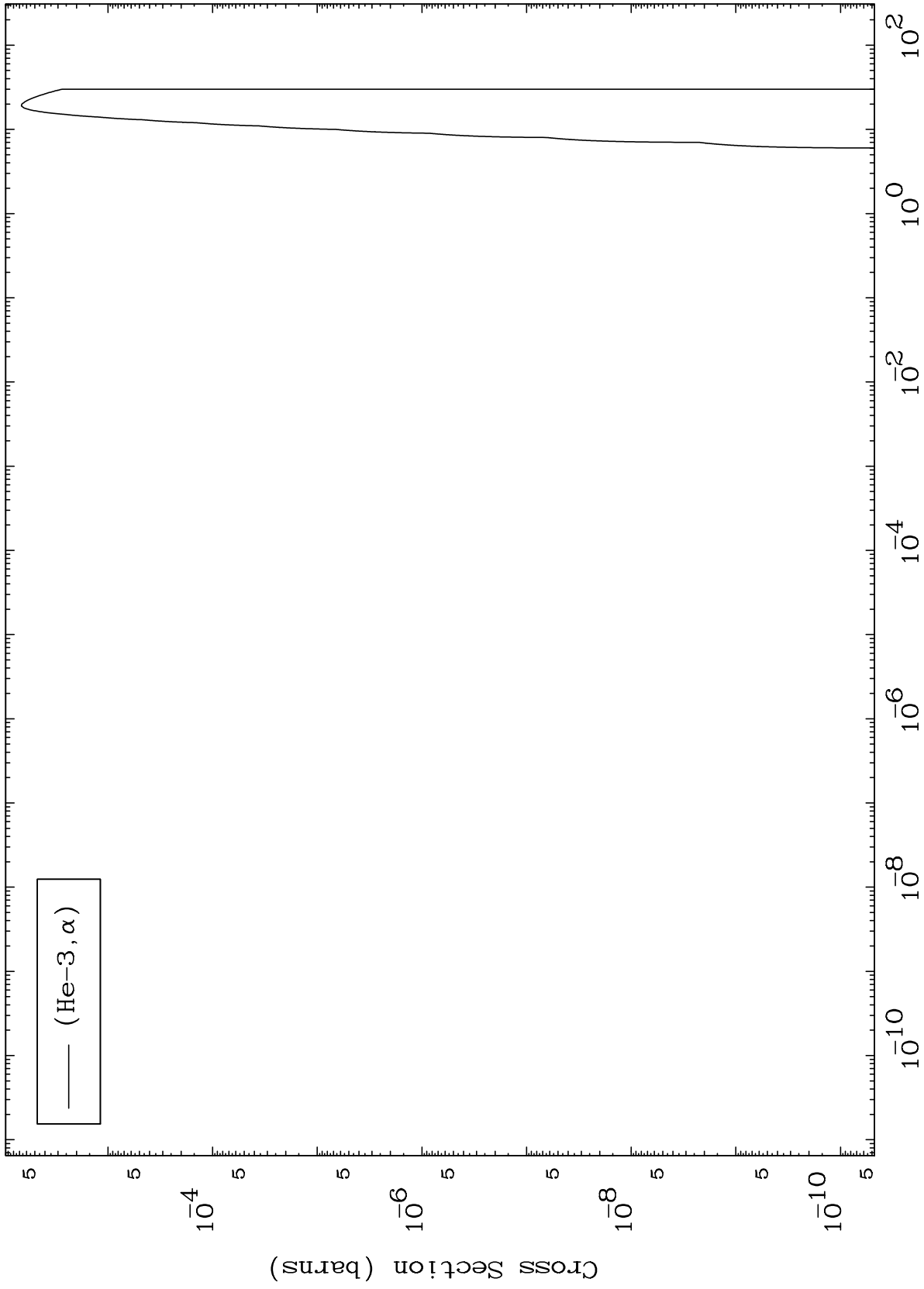
Incident Energy (MeV)

55-Cs-137

MAT 5537

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

55-Cs-137



11

Incident Energy (MeV)

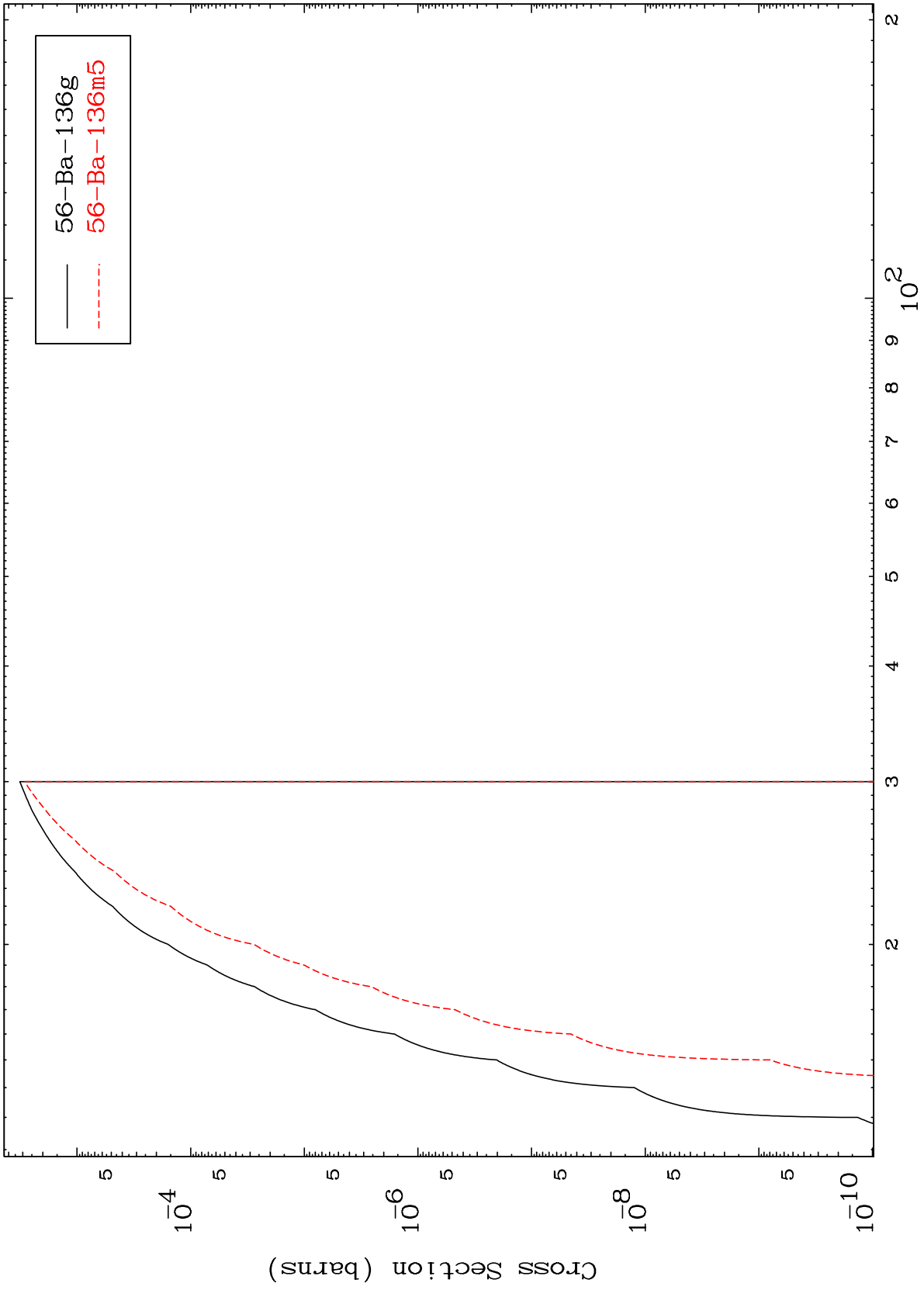
55-Cs-137

MAT 5537

(He-3,2n) d

55-Cs-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

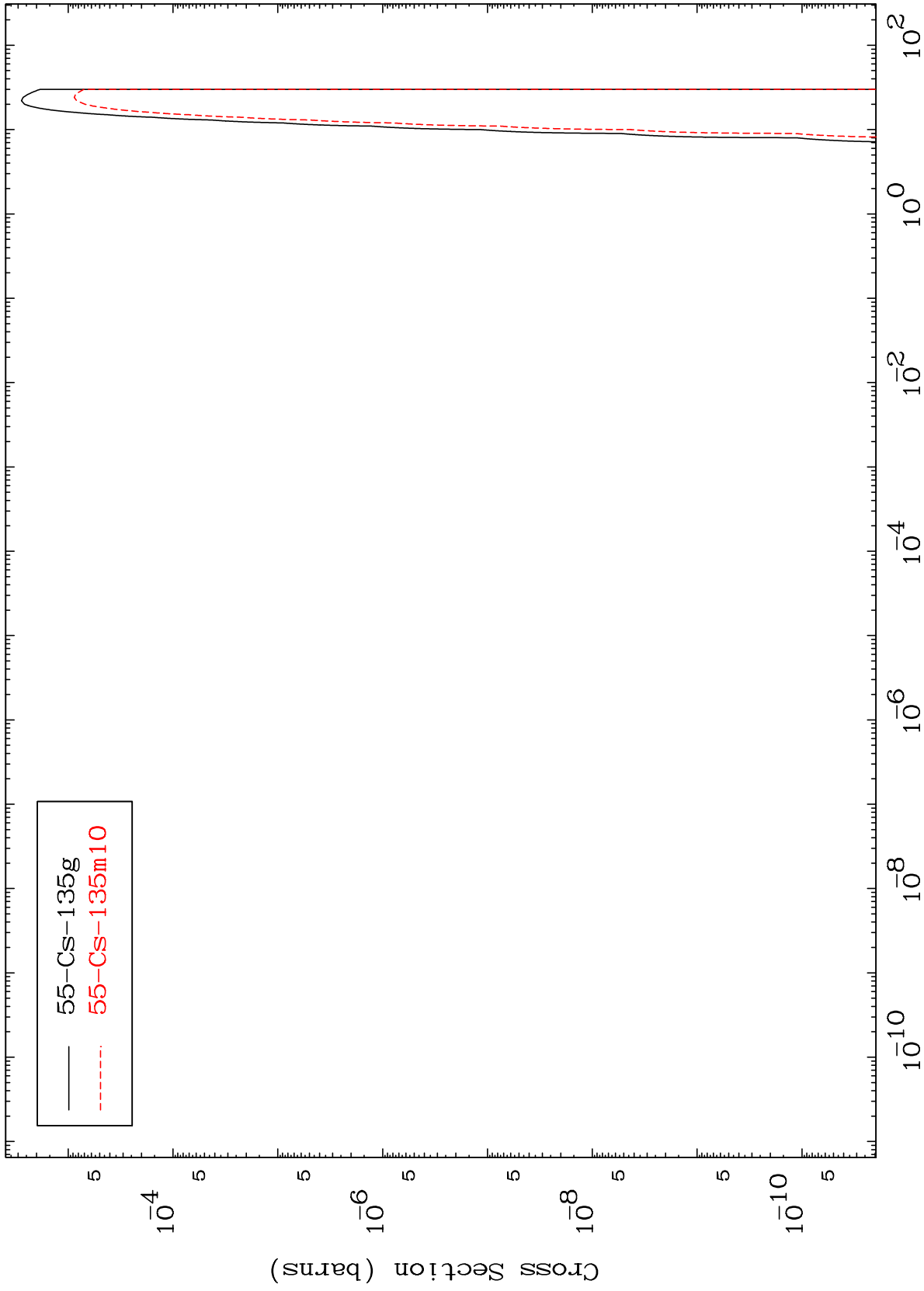
55-Cs-137

MAT 5537

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

55-Cs-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

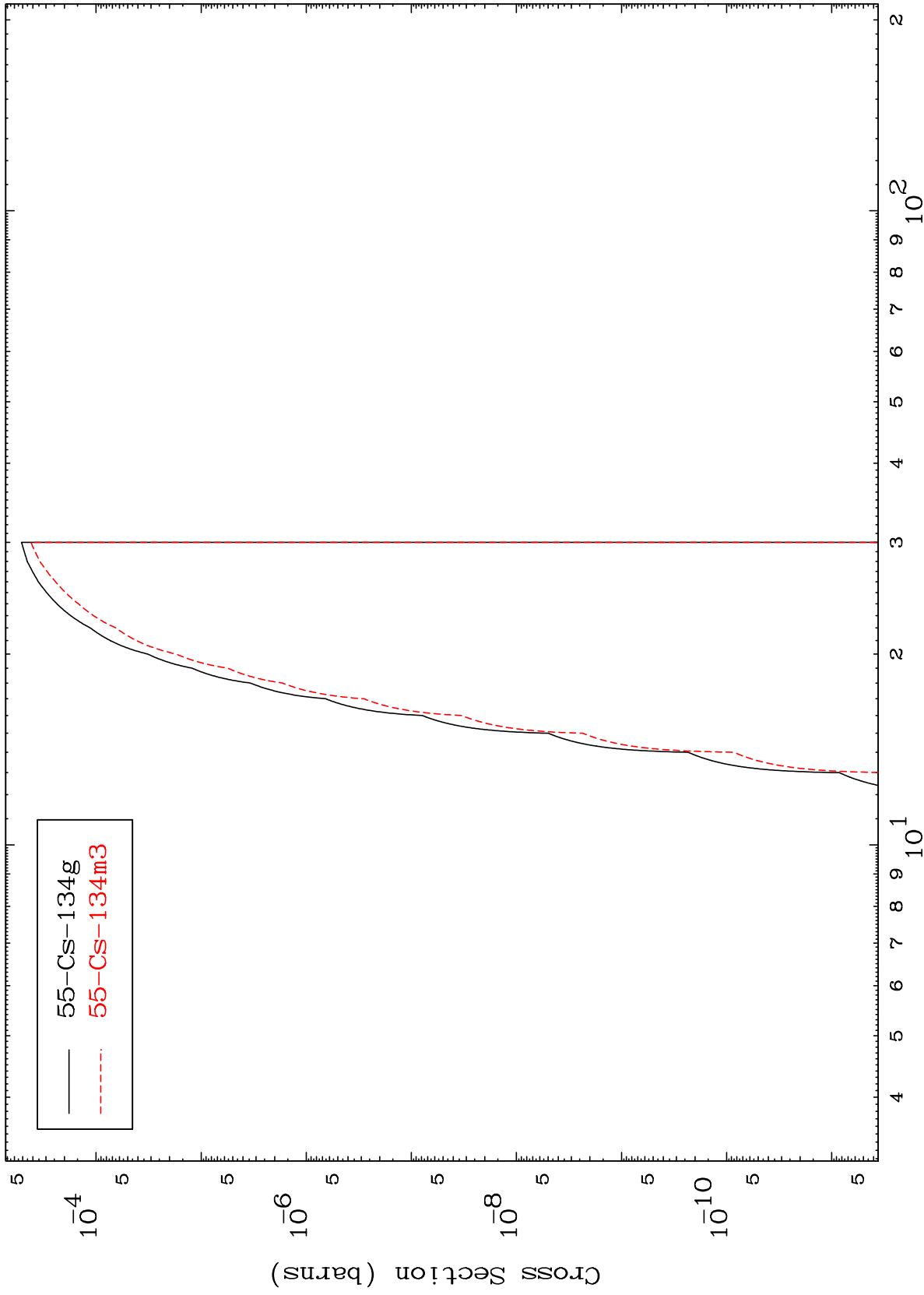
55-Cs-137

MAT 5537

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

55-Cs-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

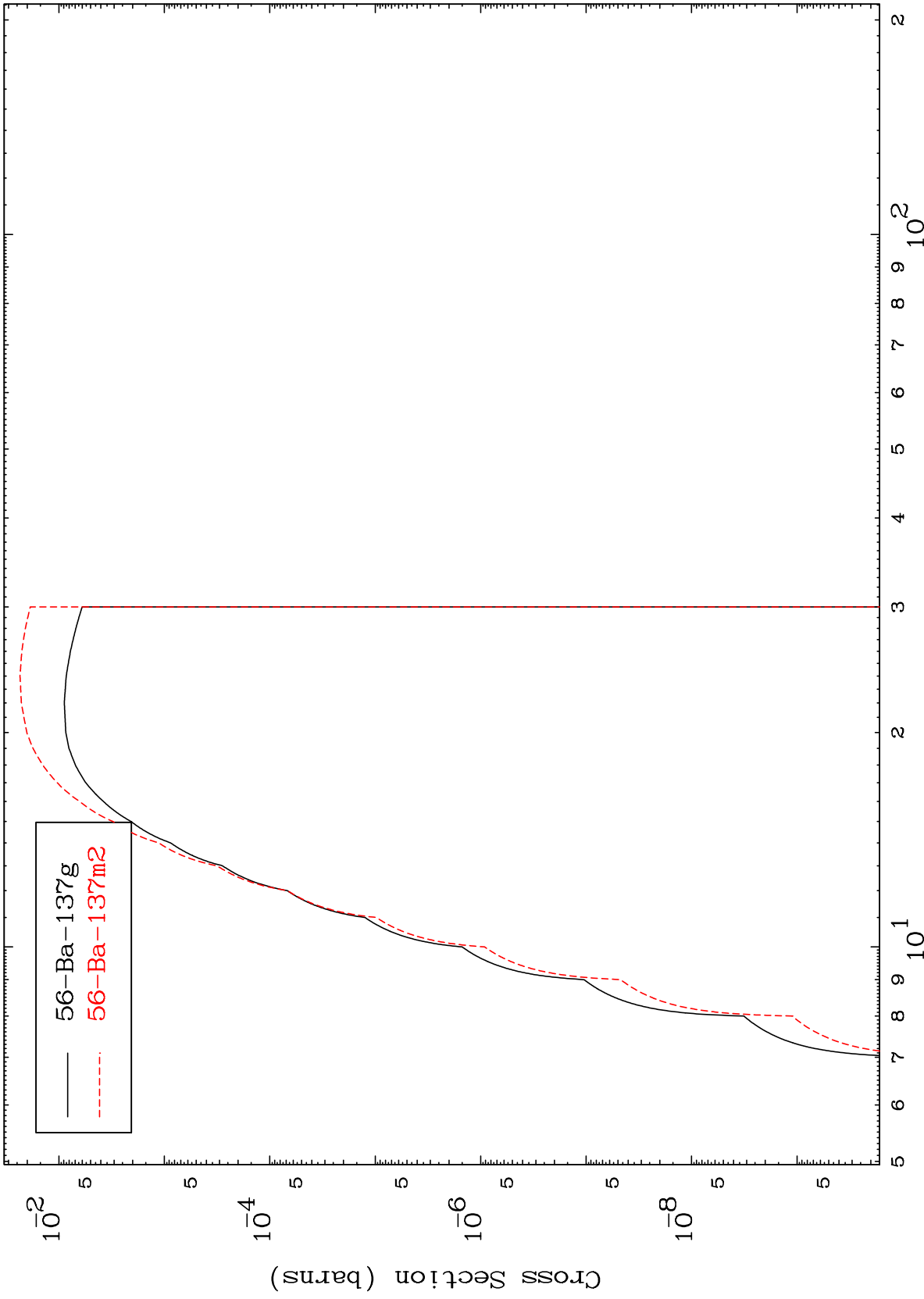
55-Cs-137

MAT 5537

(He-3, n') d

55-Cs-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-137

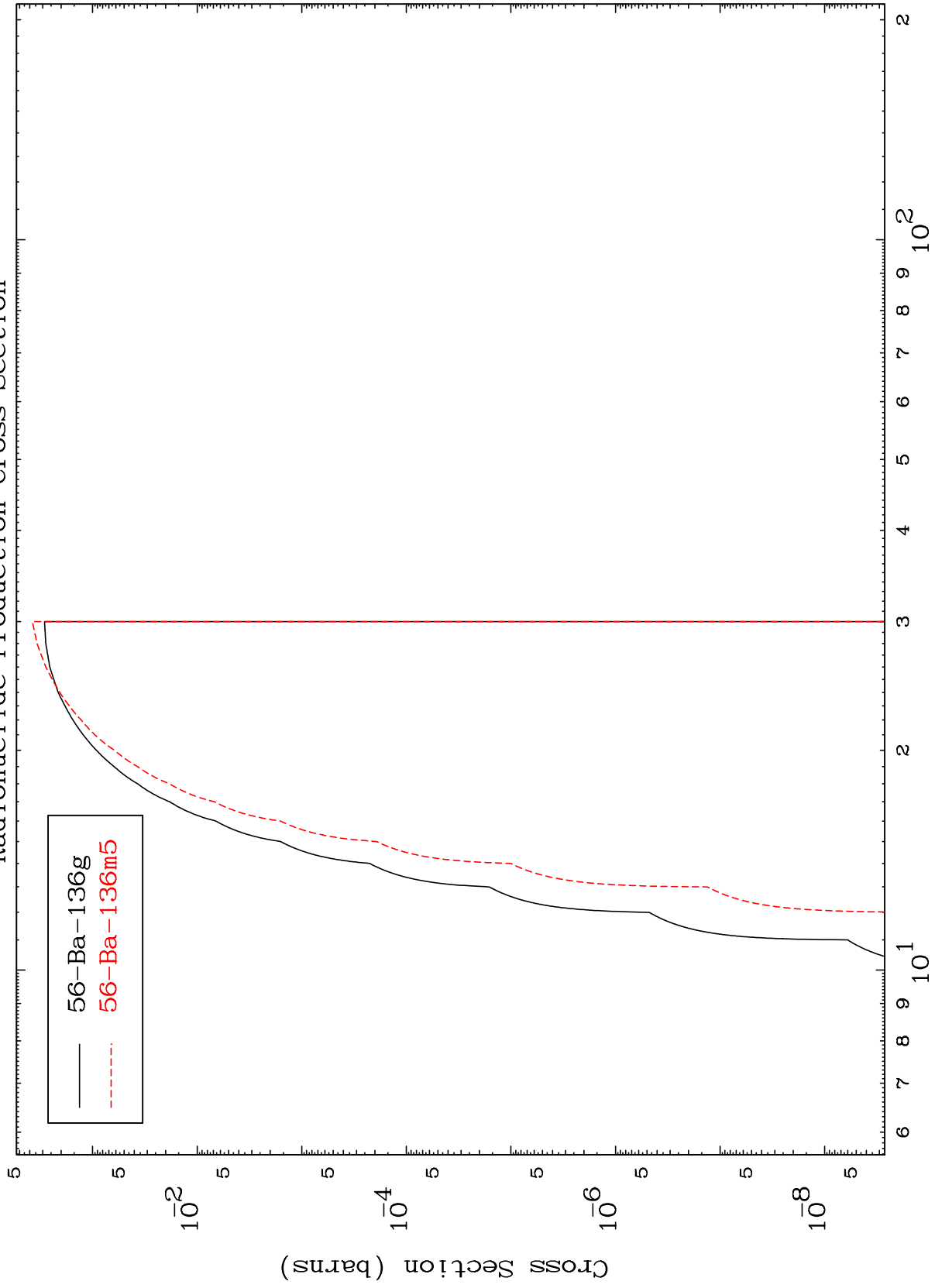


MAT 5537

(He-3, n') t

55-Cs-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

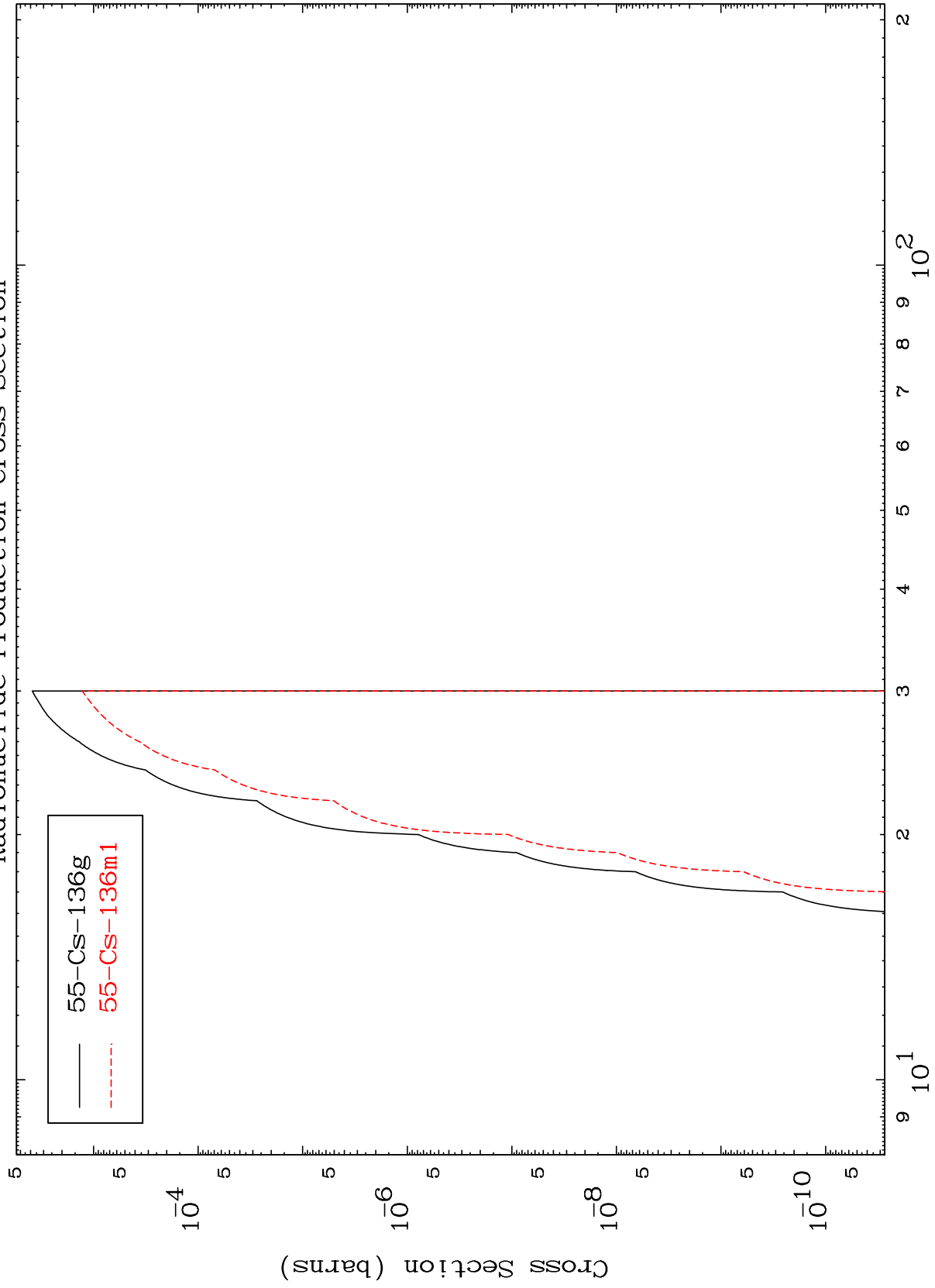
55-Cs-137

MAT 5537

(He-3, n') He-3

55-Cs-137

Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

17

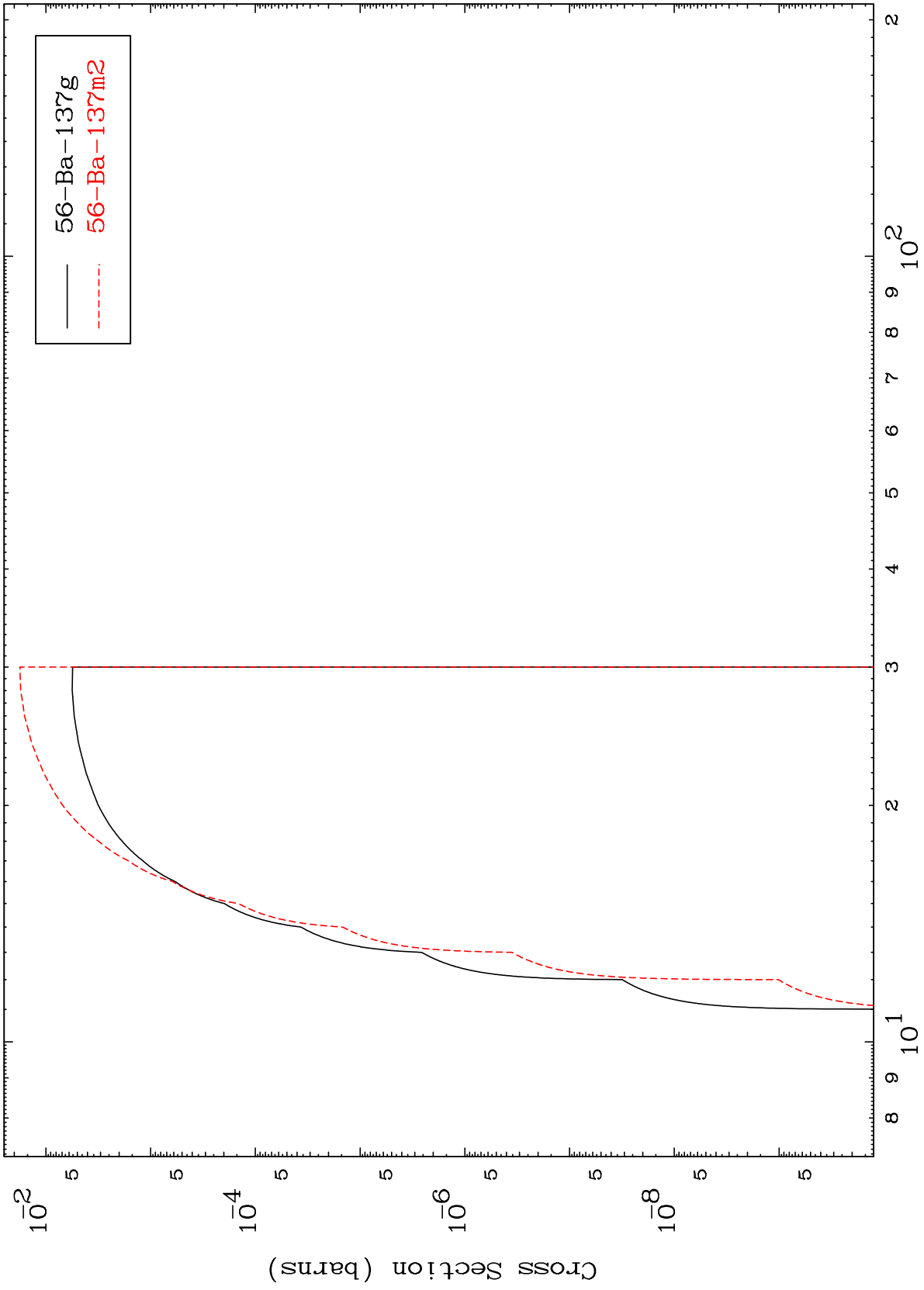
Incident Energy (MeV)

55-Cs-137

MAT 5537

55-Cs-137

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



18

Incident Energy (MeV)

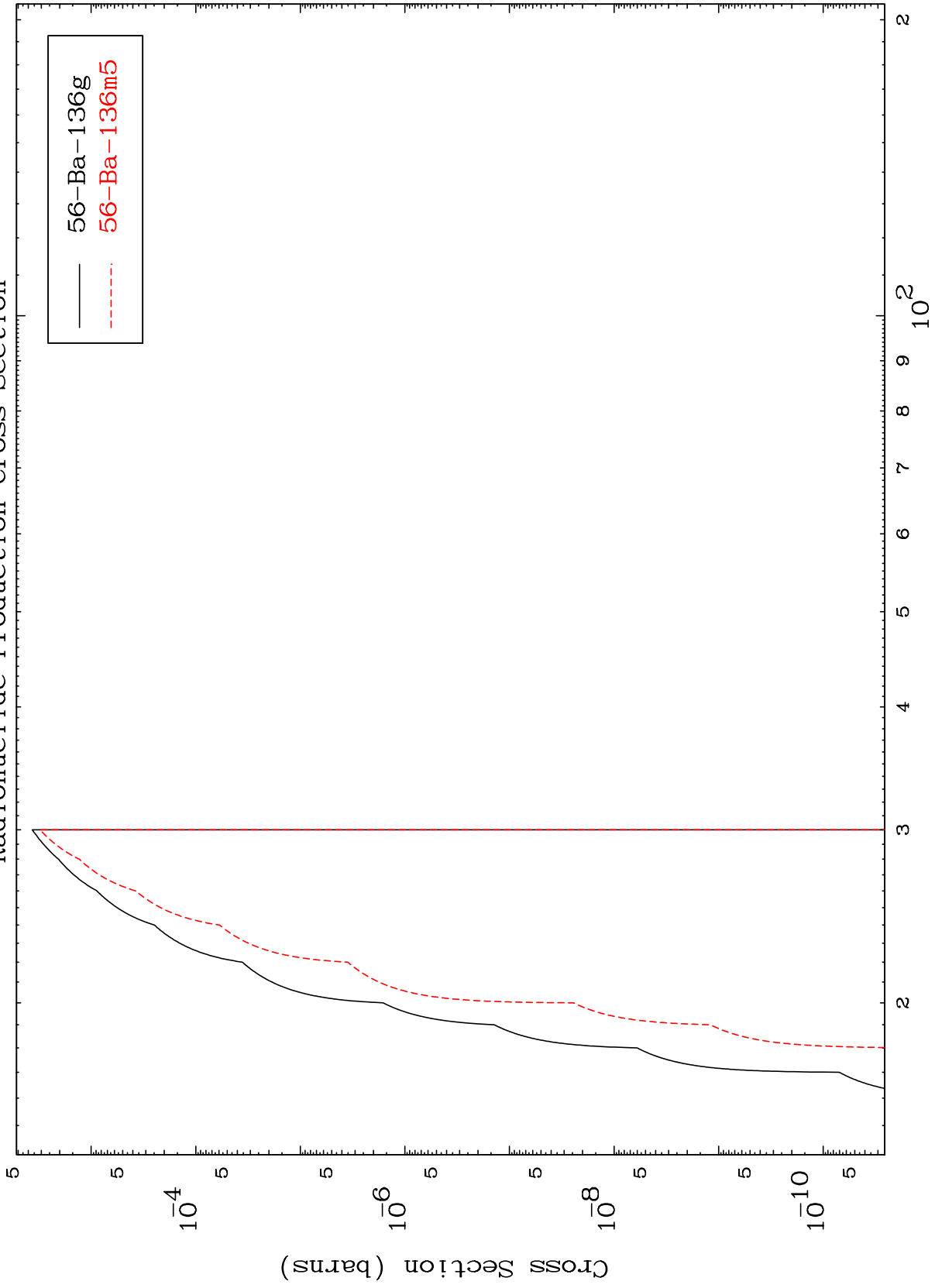
55-Cs-137

MAT 5537

(He-3,3n) p

55-Cs-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

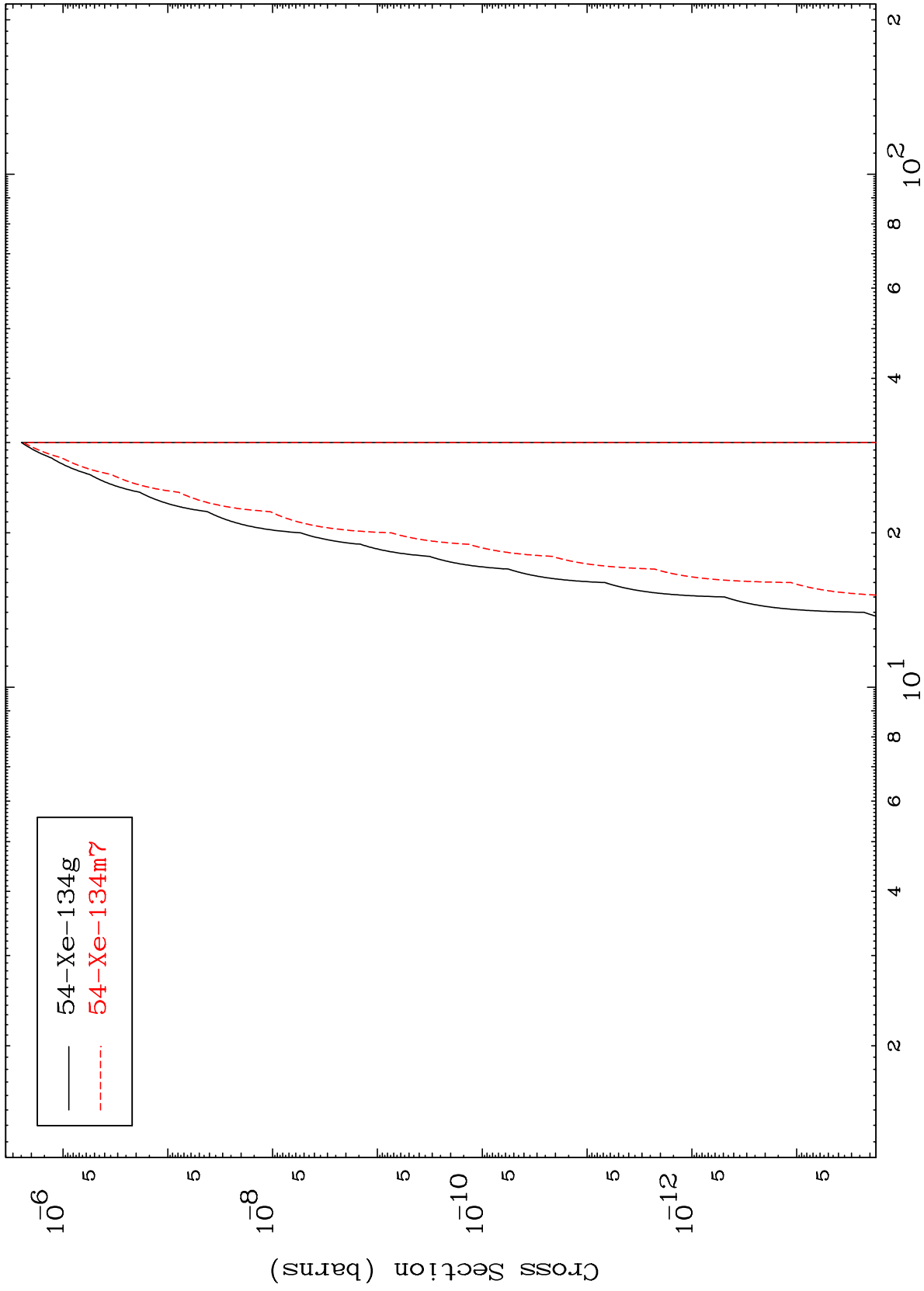
55-Cs-137

MAT 5537

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

55-Cs-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

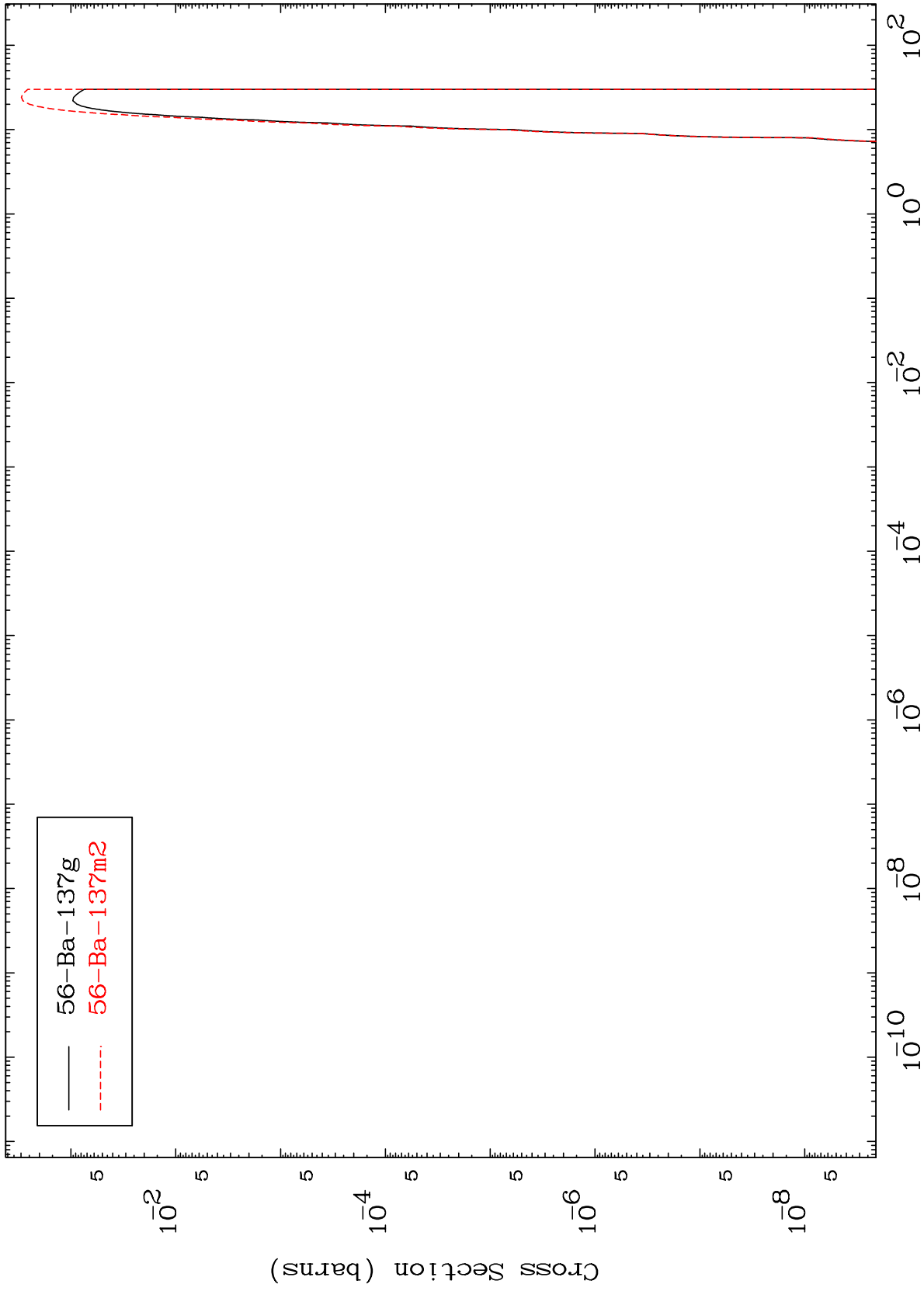
55-Cs-137

MAT 5537

(He-3, t)

55-Cs-137

Radionuclide Production Cross Section



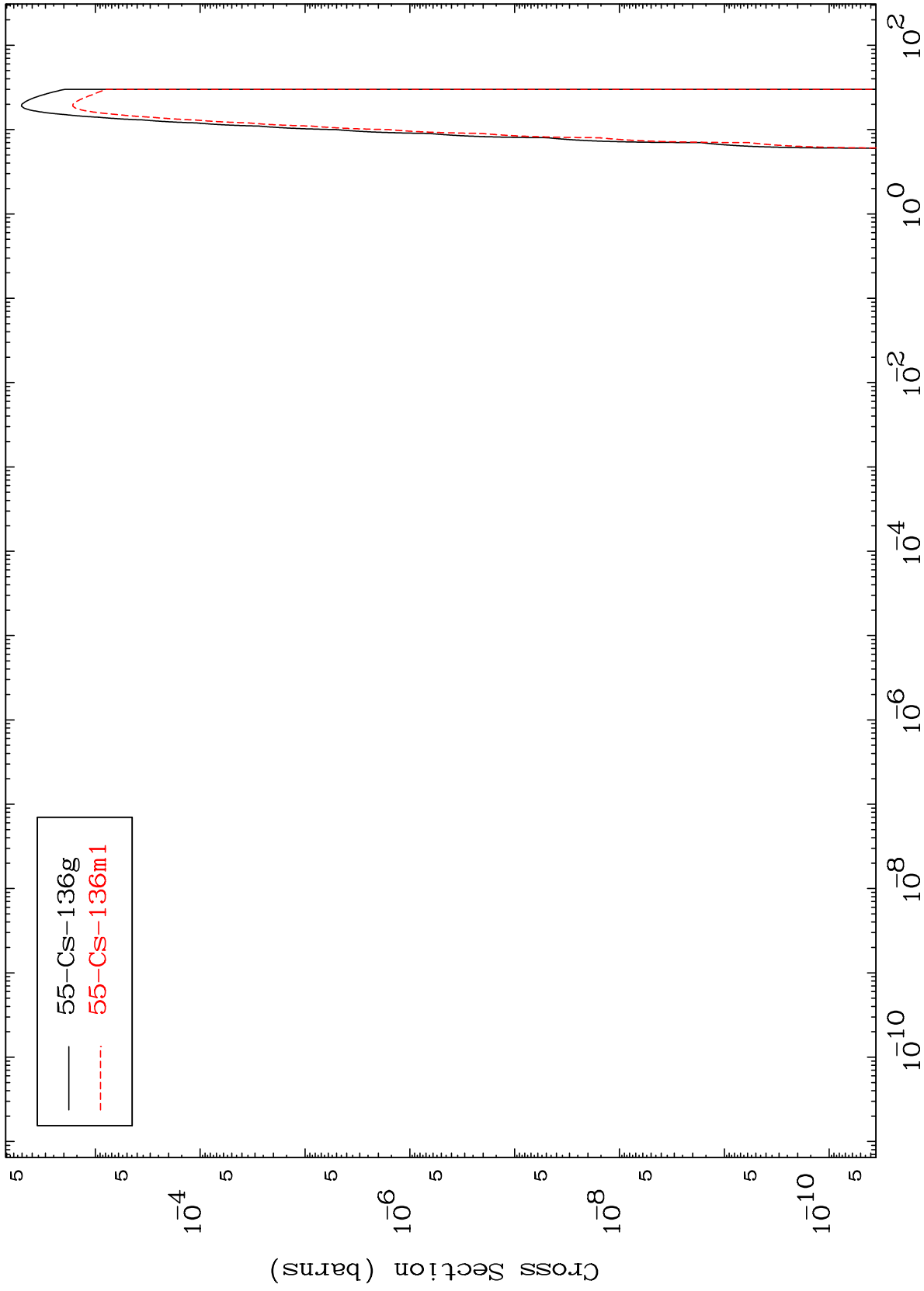
— 56-Ba-137g  
- - - 56-Ba-137m2

MAT 5537

(He-3,  $\alpha$ )

55-Cs-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

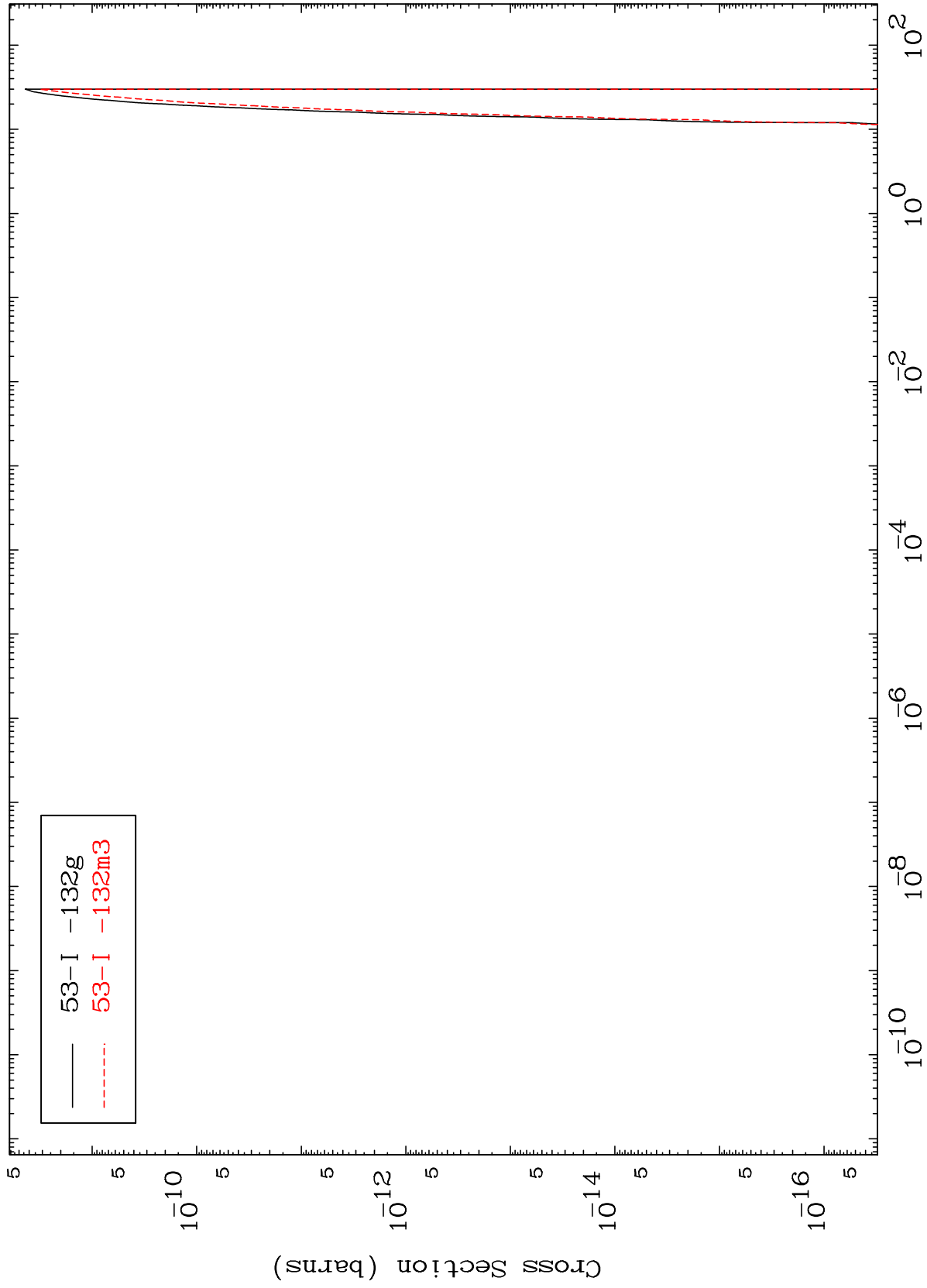
55-Cs-137

MAT 5537

(He-3,2α)

55-Cs-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

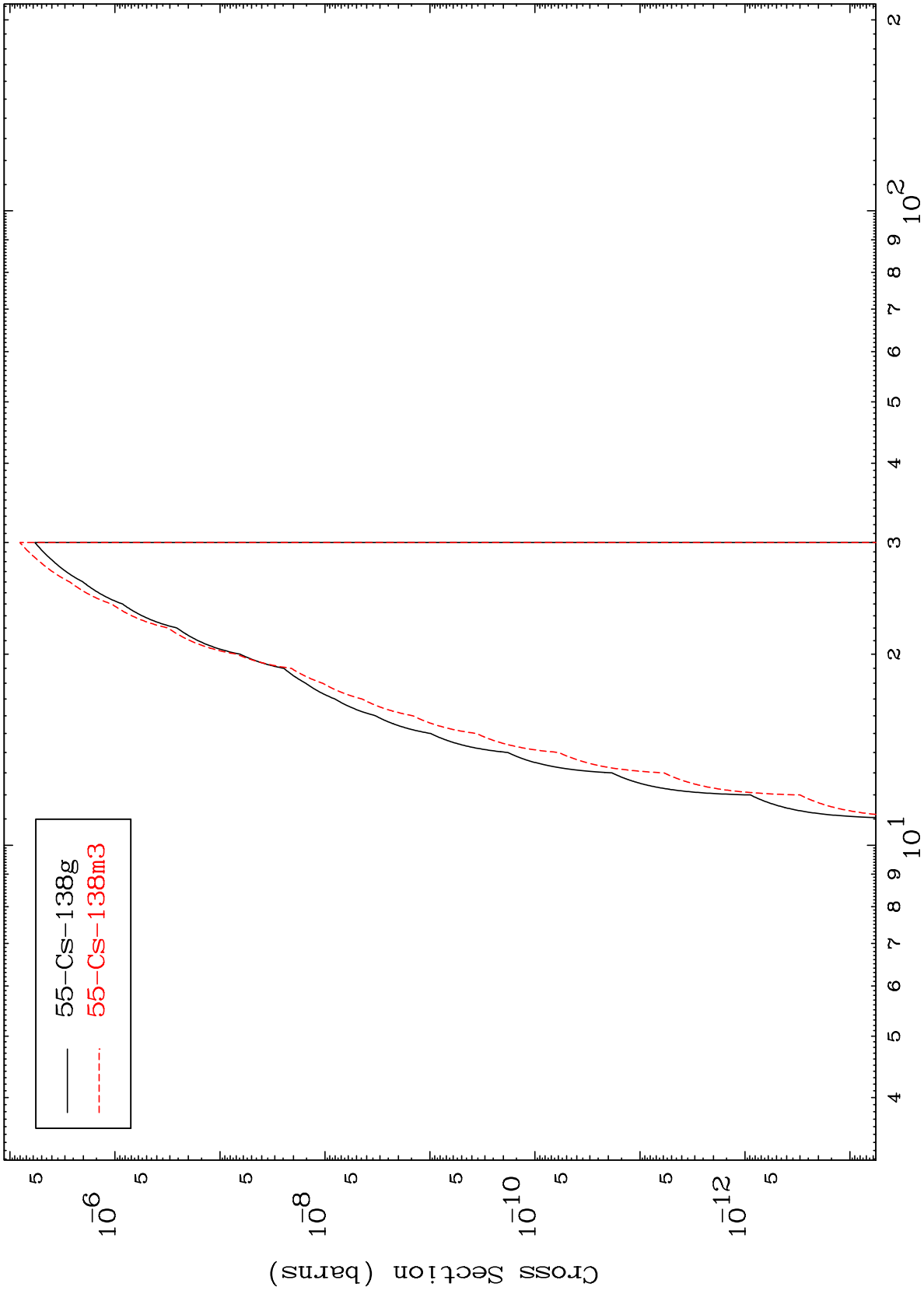
55-Cs-137



MAT 5537

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

55-Cs-137



24

Incident Energy (MeV)

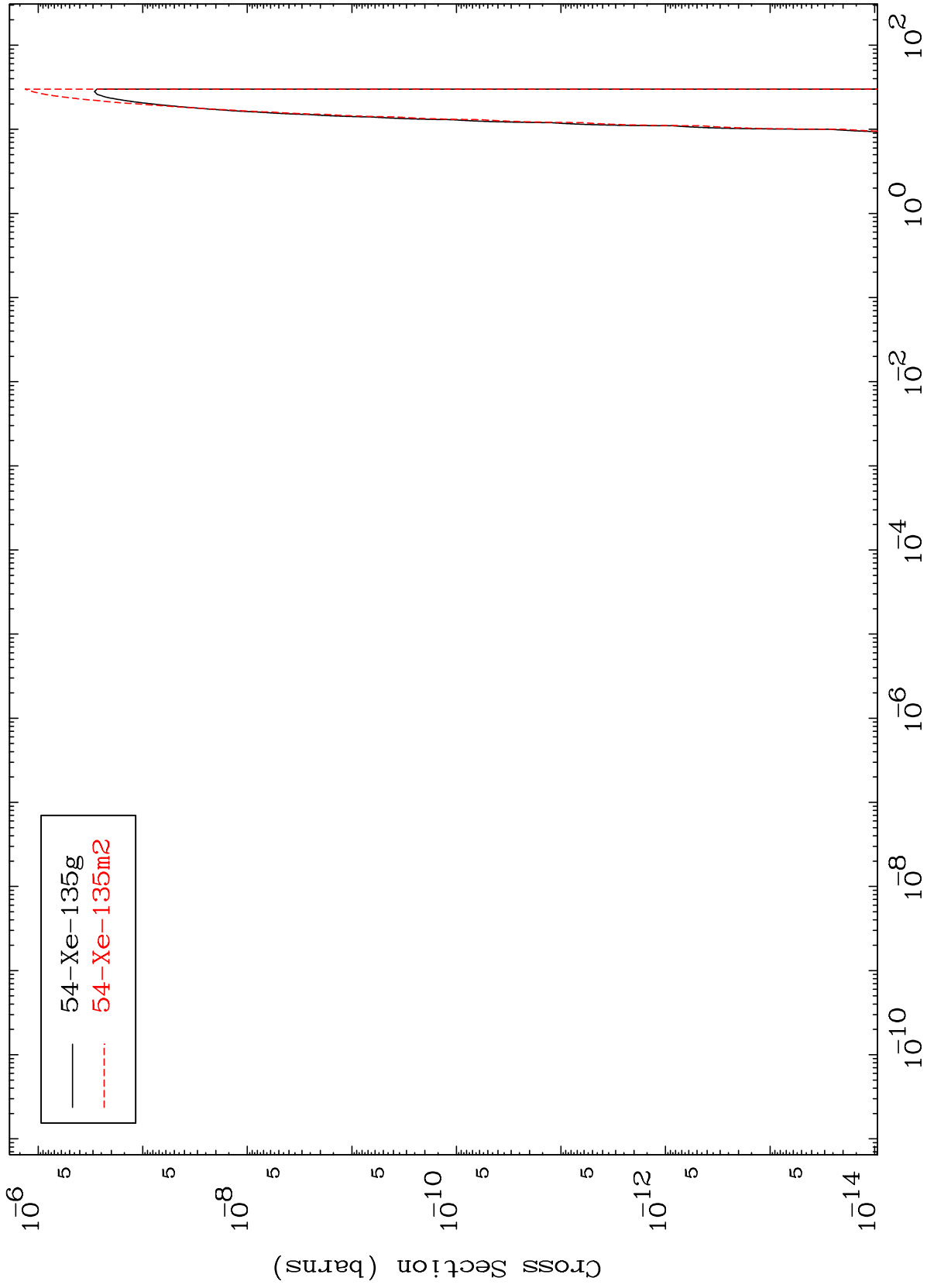
55-Cs-137

MAT 5537

(He-3, p)  $\alpha$

55-Cs-137

Radionuclide Production Cross Section



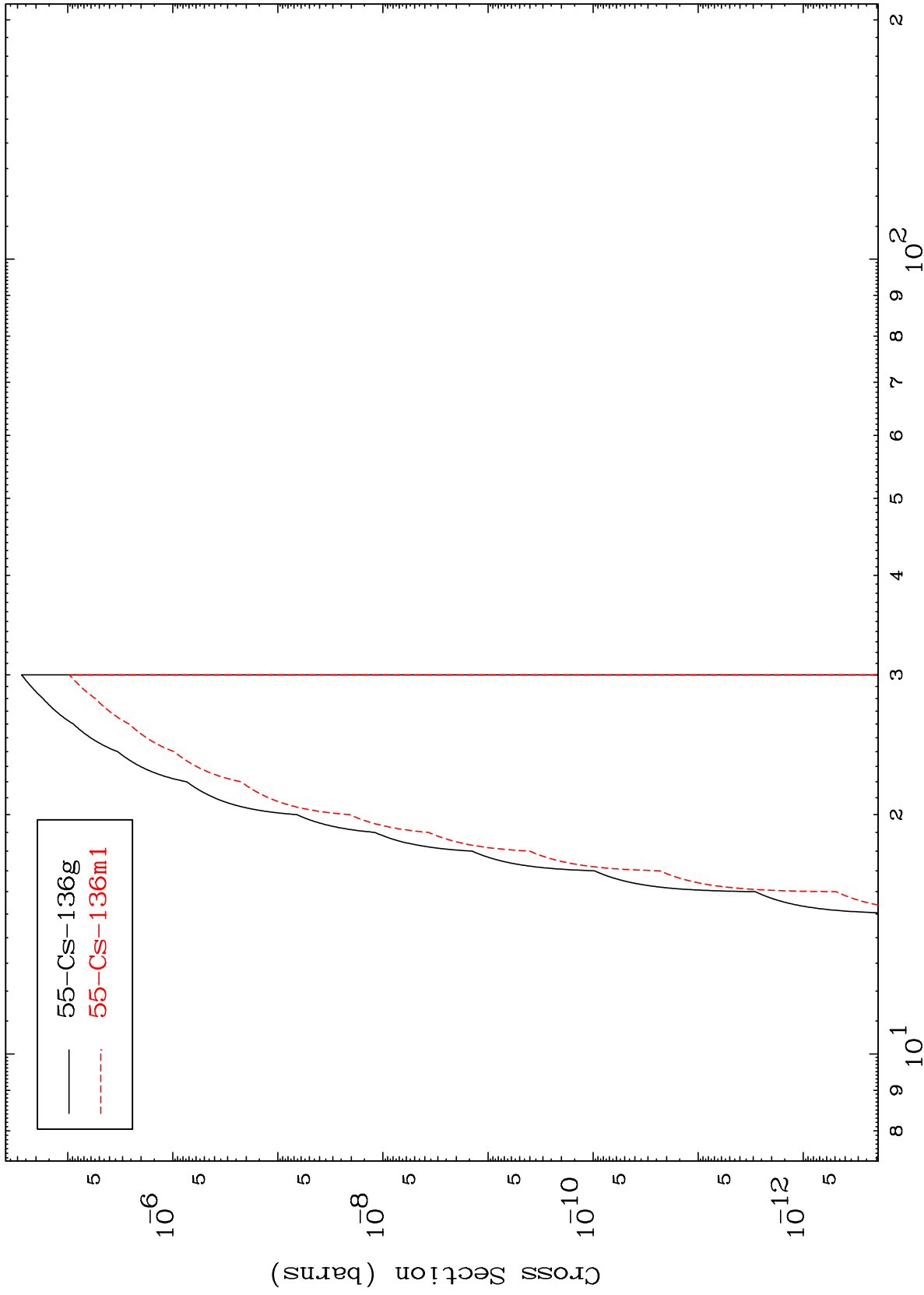
25

MAT 5537

(He-3,p) t

55-Cs-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

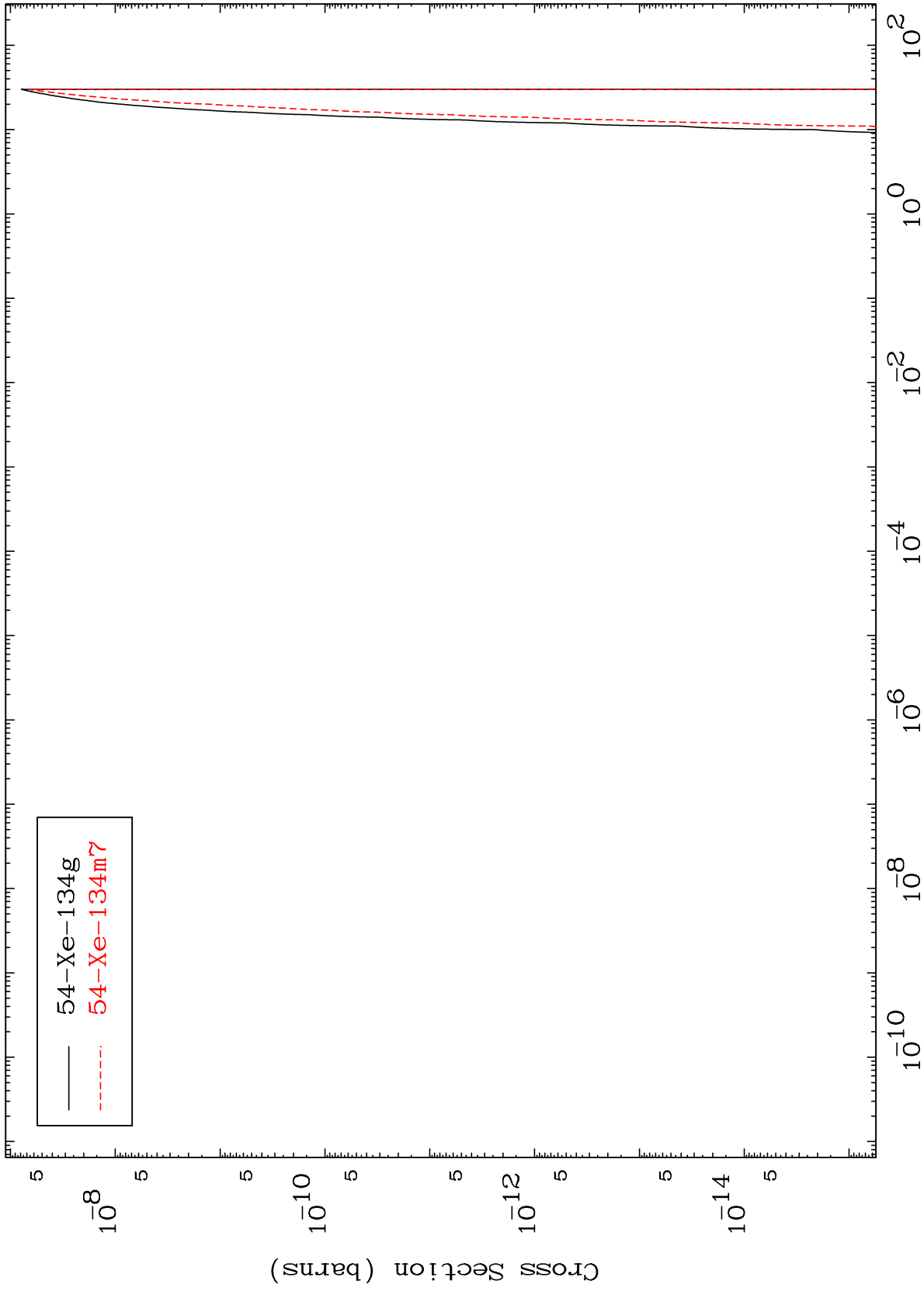
55-Cs-137

MAT 5537

(He-3,d)  $\alpha$

55-Cs-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-137