

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

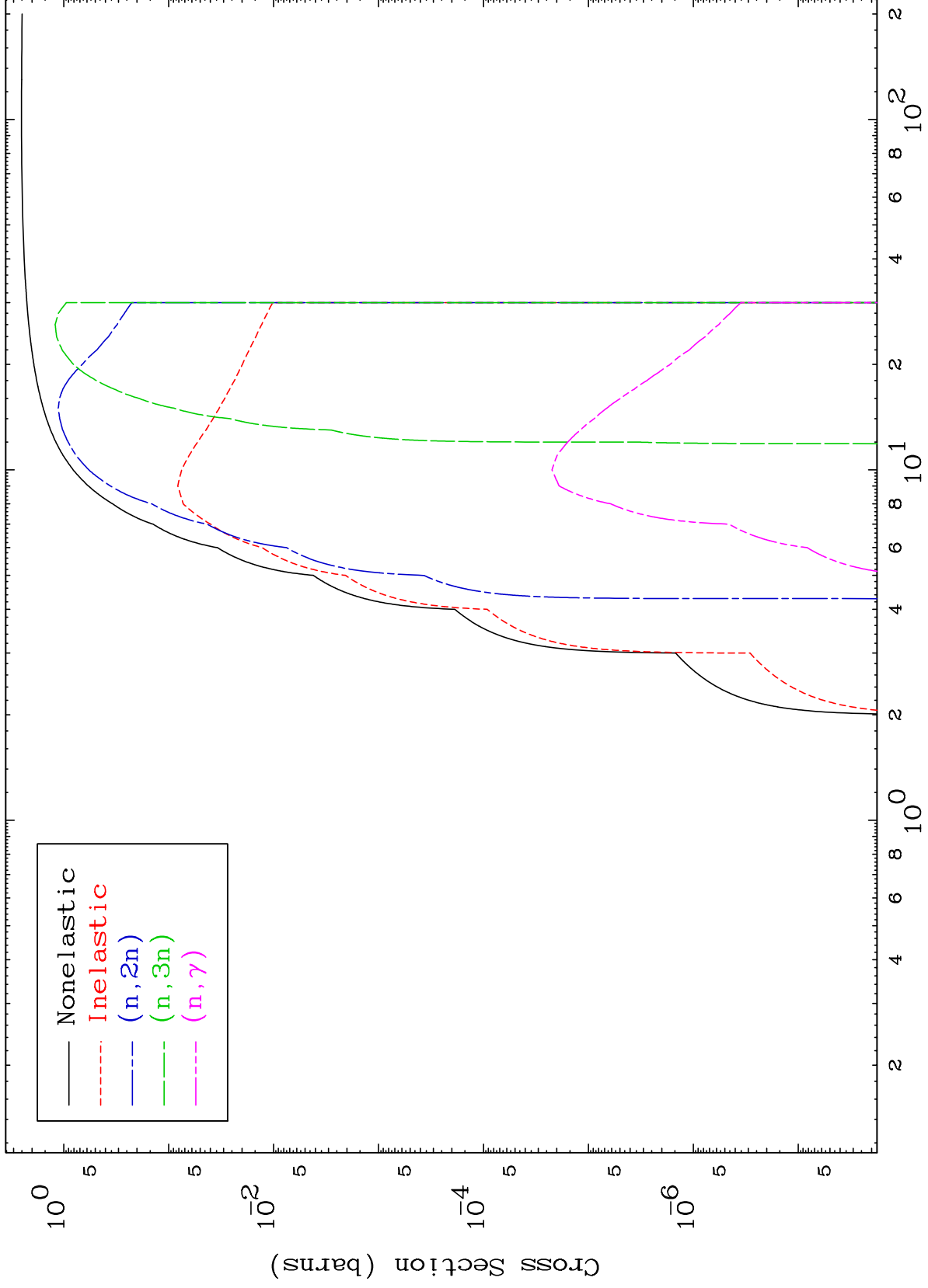
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

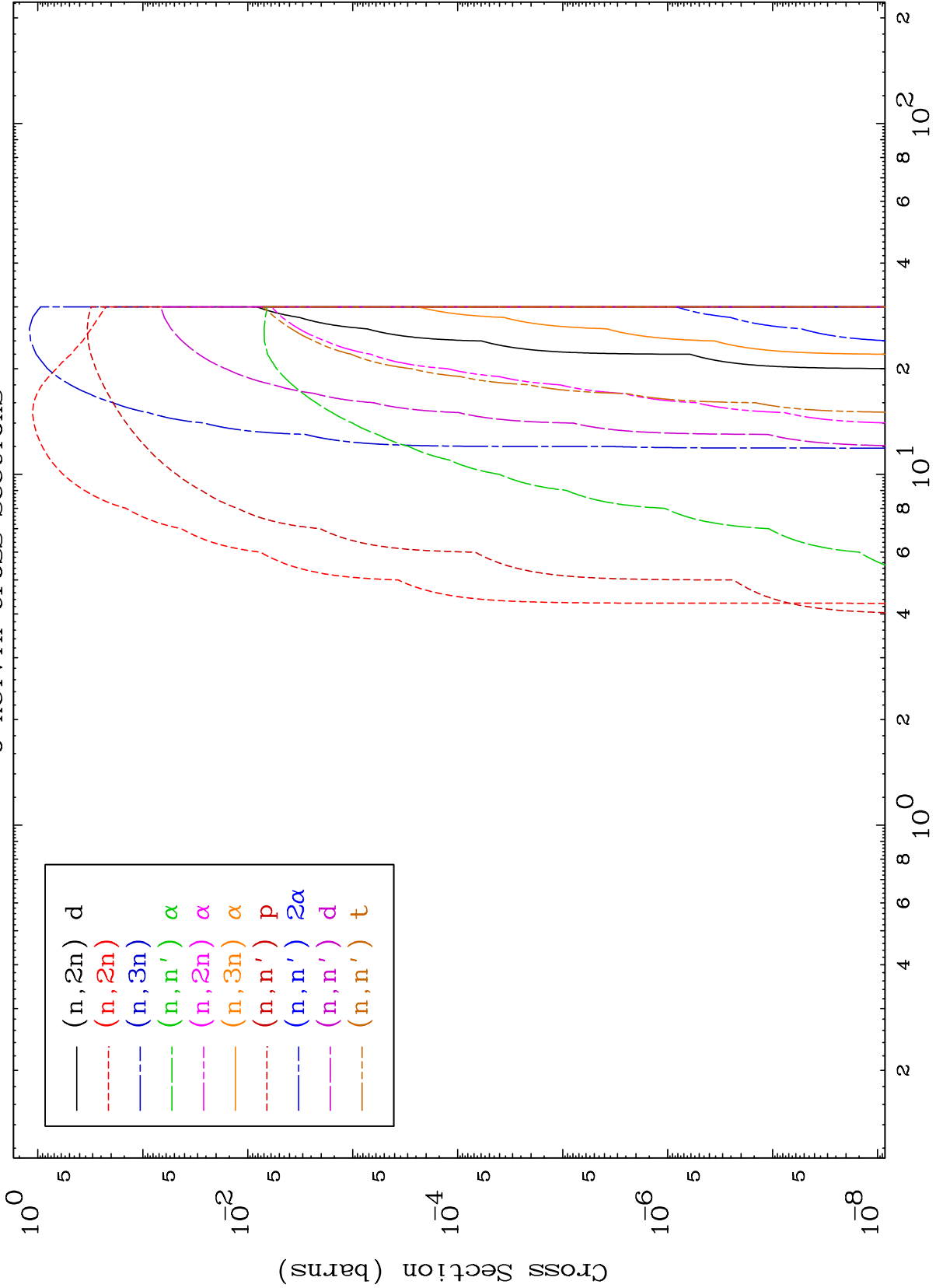
Tele: 925-443-1911

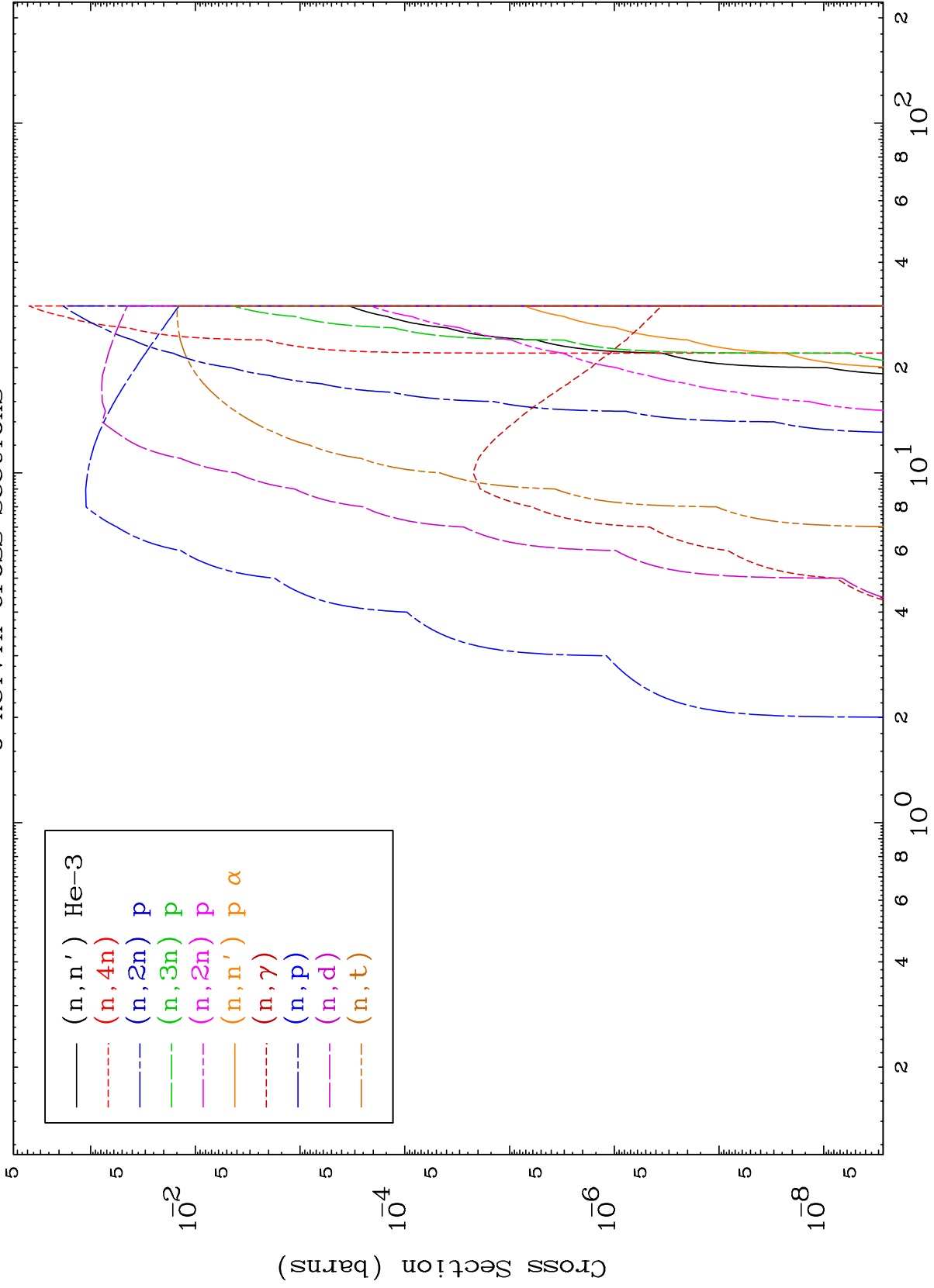
E.Mail:redcullen1@comcast.net

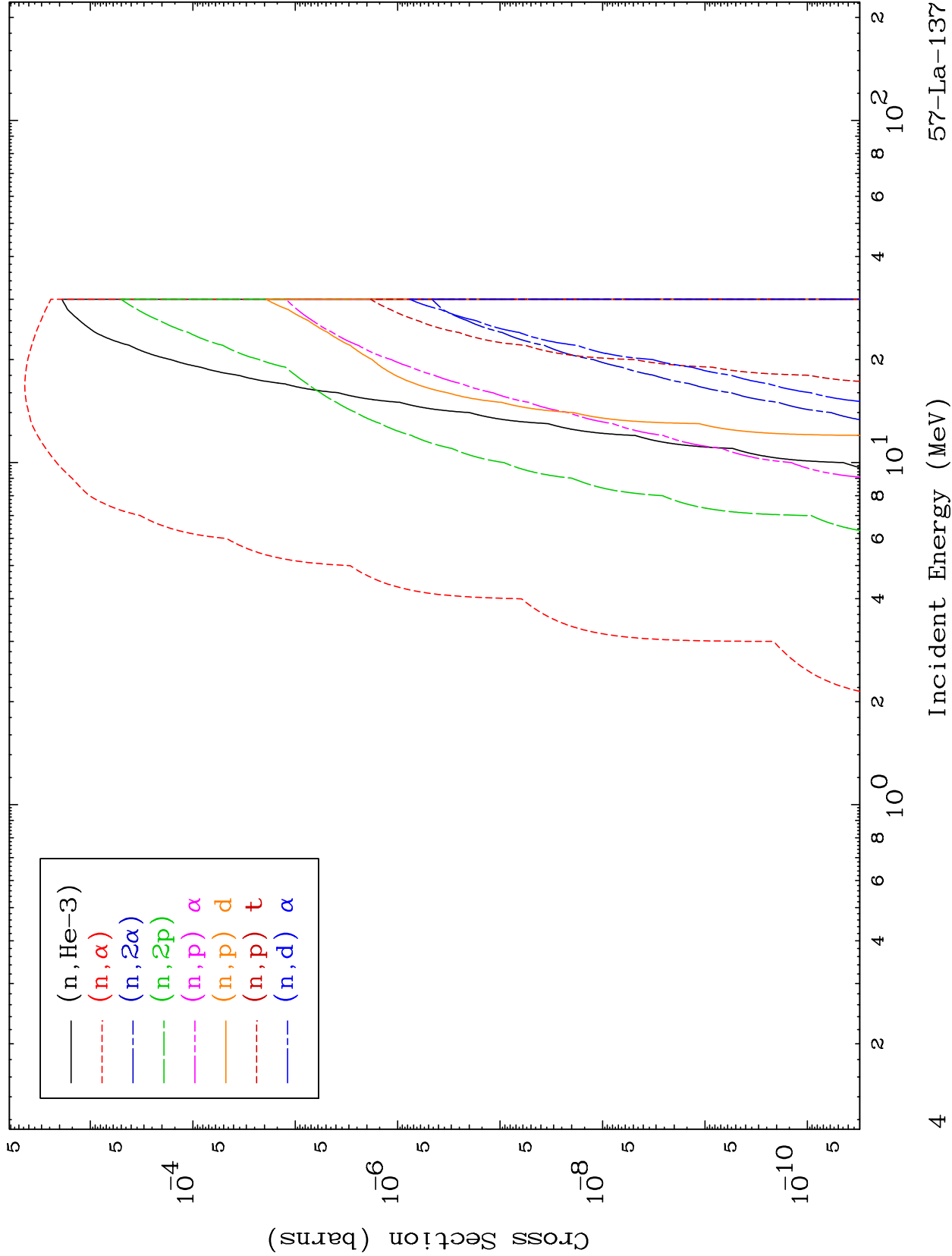
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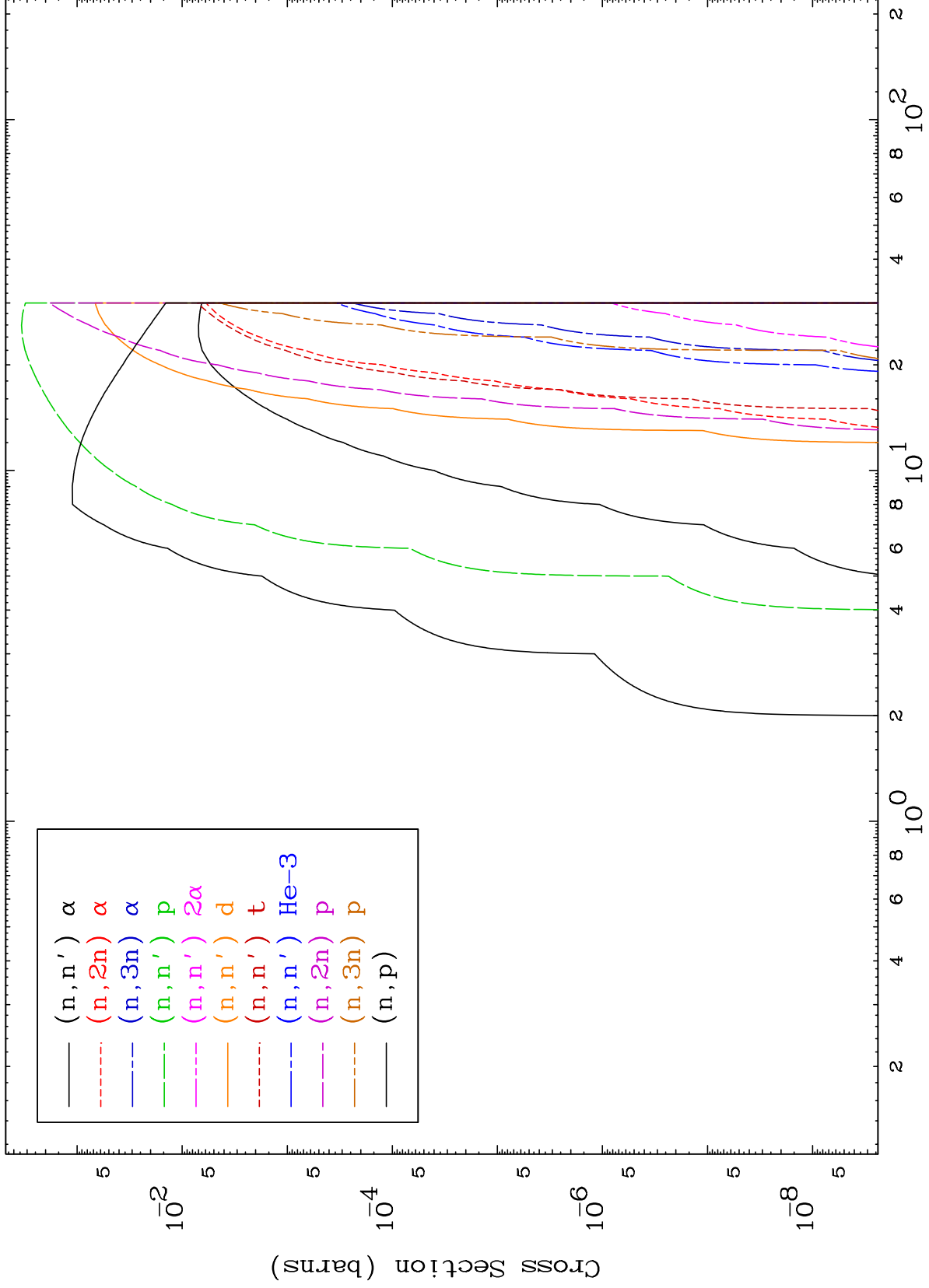
Press Mouse Button to Start

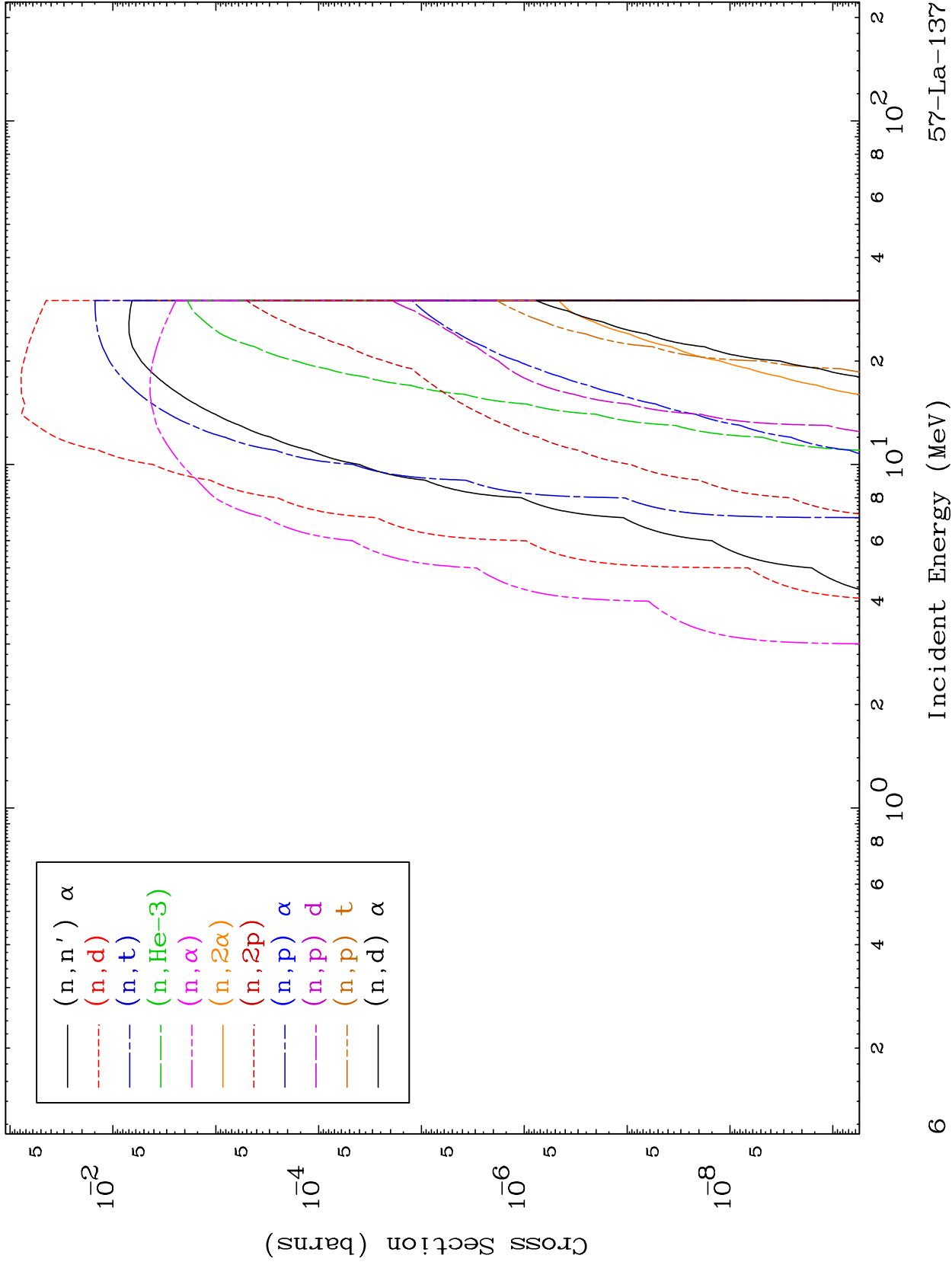










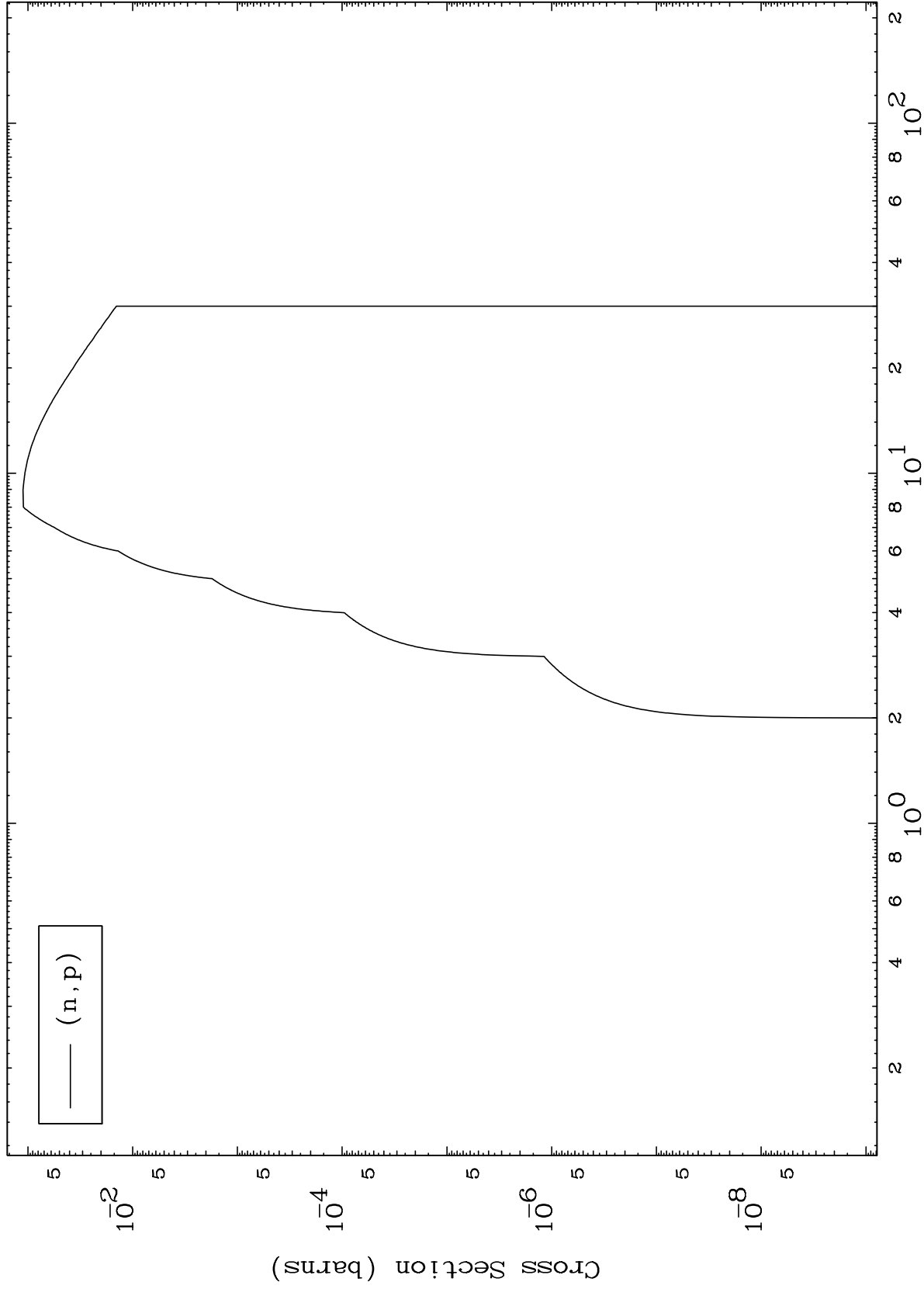


MAT 5722

(d,p) Levels

57-La-137

0 Kelvin Cross Sections

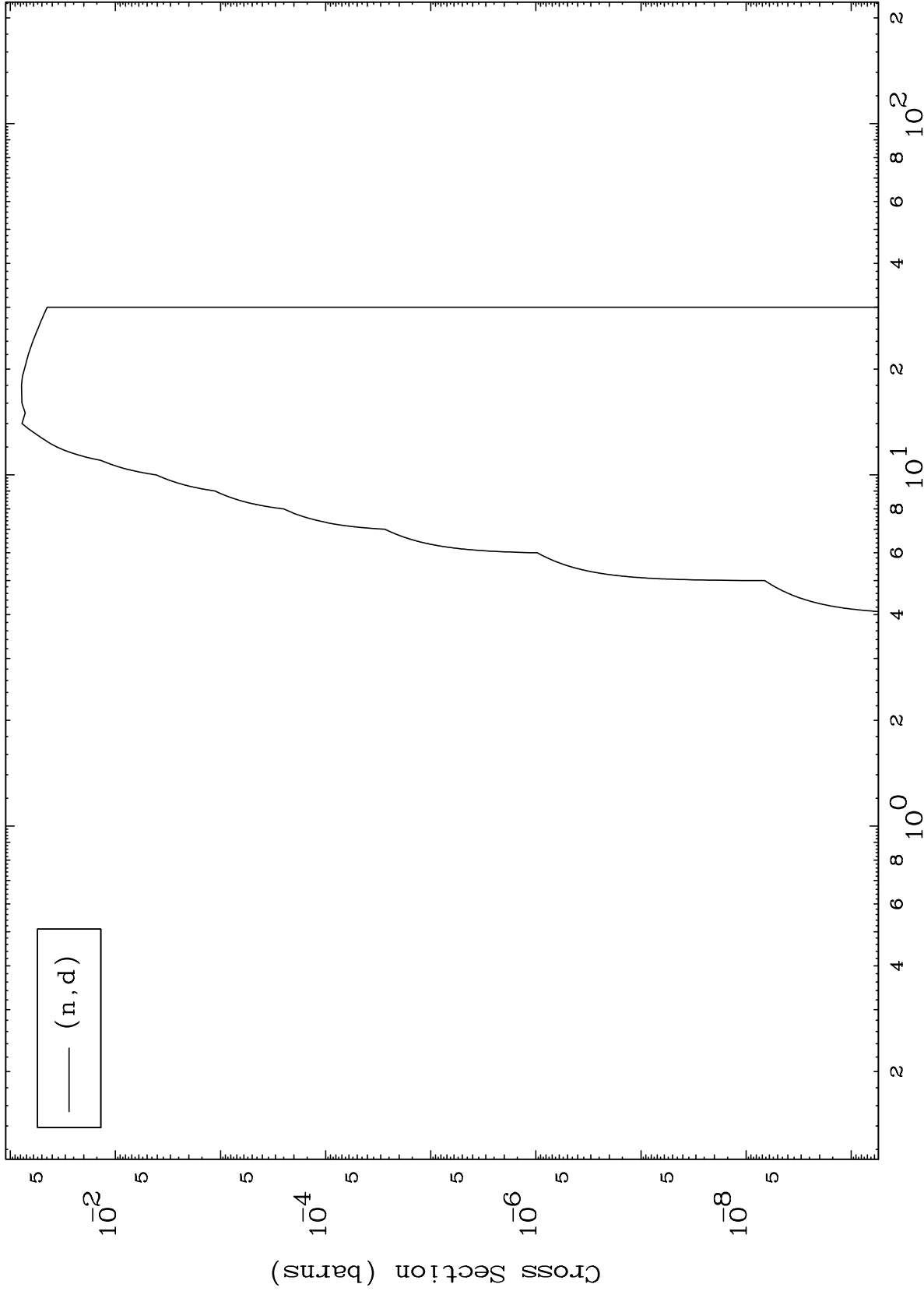


MAT 5722

(d,d) Levels

57-La-137

0 Kelvin Cross Sections

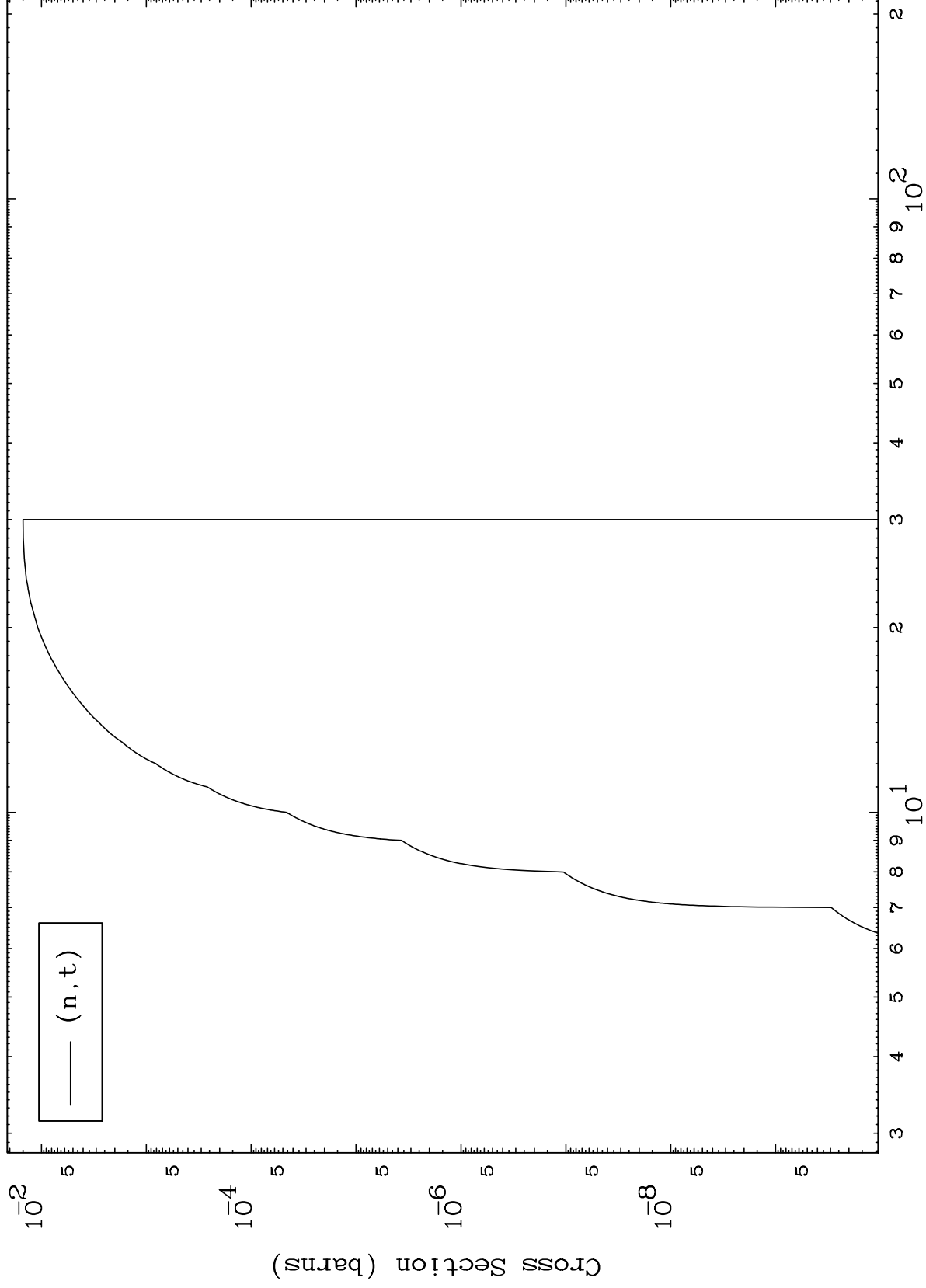


(n,d)

MAT 5722

(d,t) Levels
0 Kelvin Cross Sections

57-La-137



9

Incident Energy (MeV)

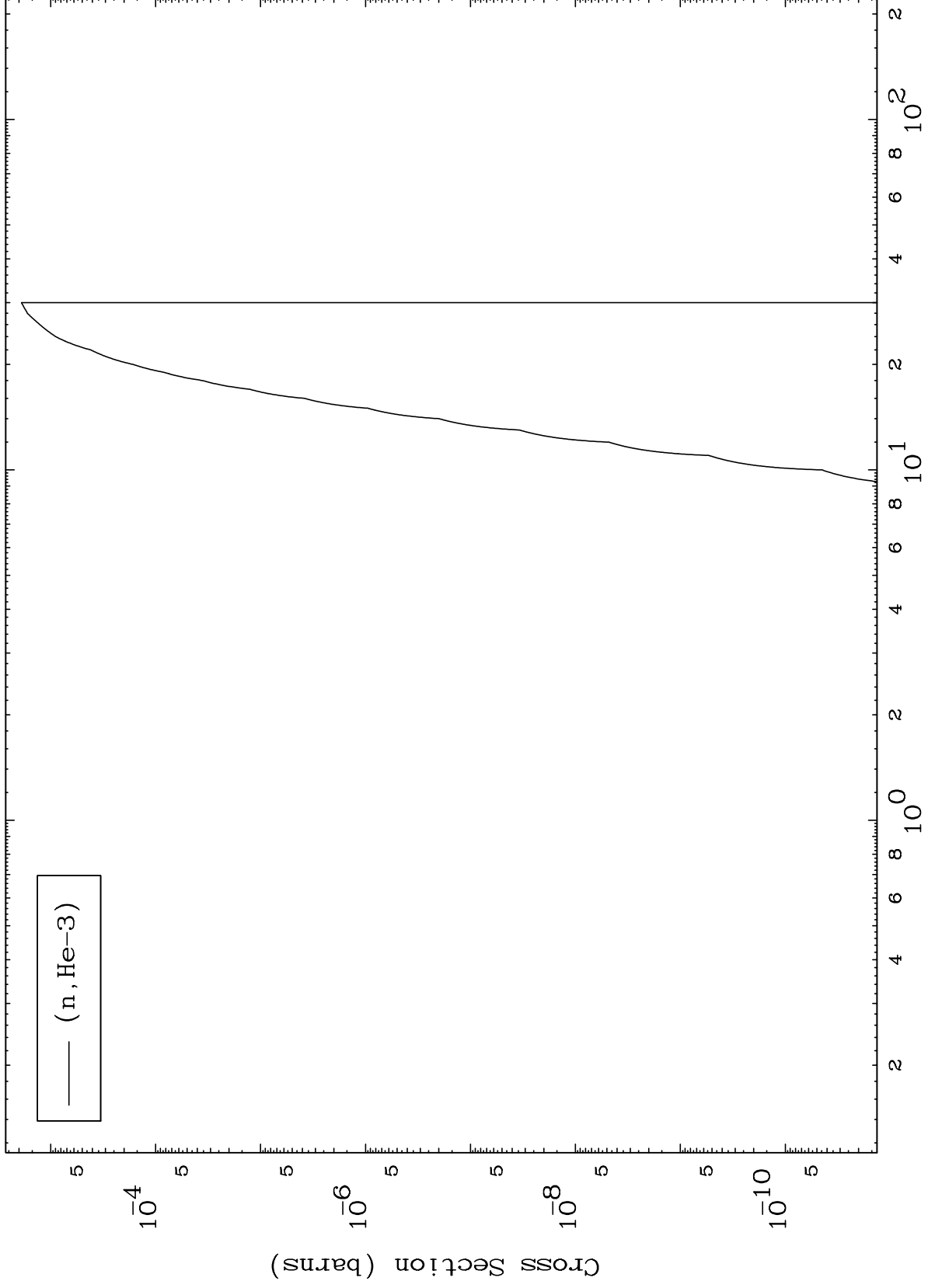
57-La-137

MAT 5722

(d,He3) Levels

57-La-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

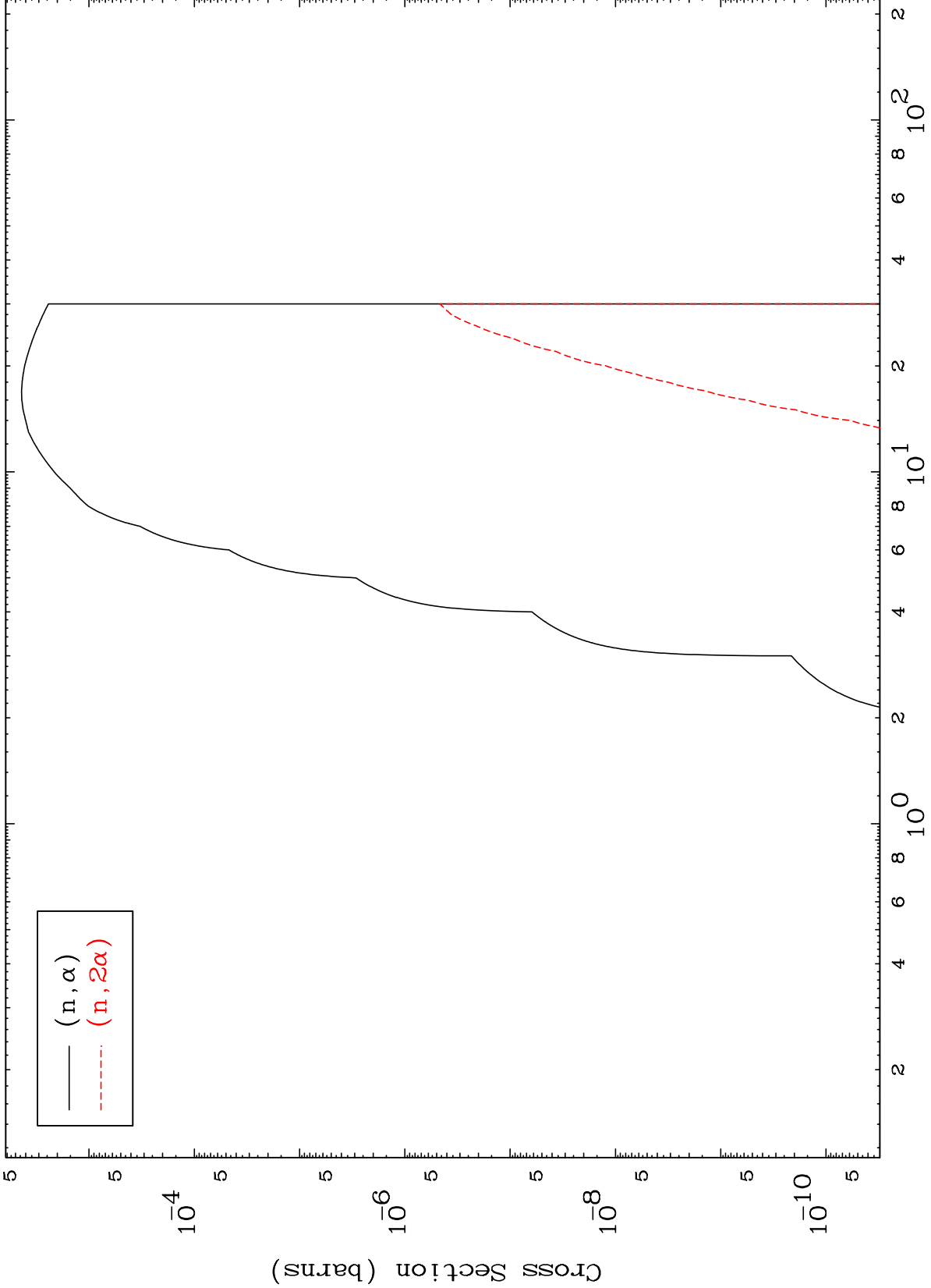
57-La-137

MAT 5722

(d, α) Levels

57-La-137

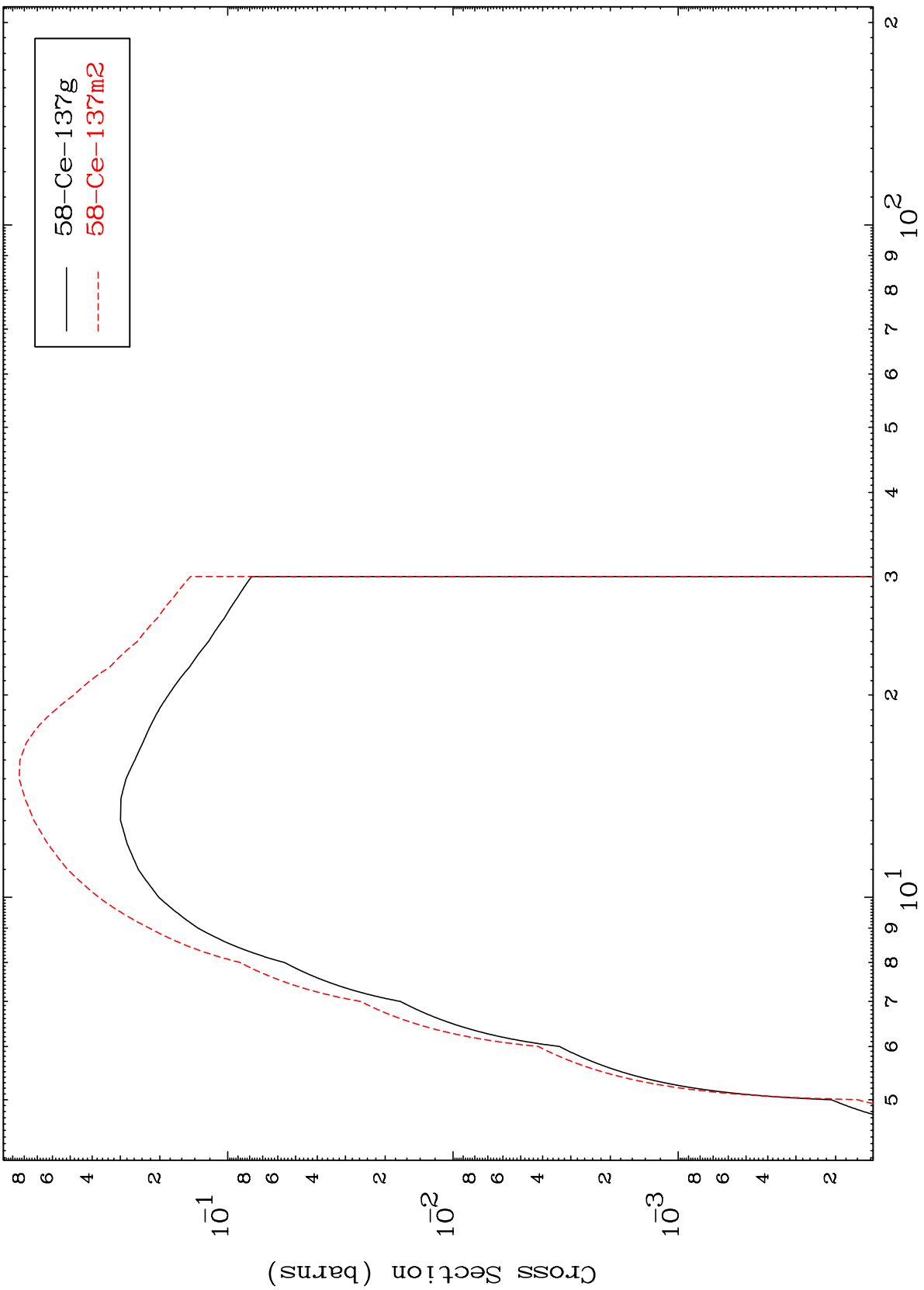
0 Kelvin Cross Sections



MAT 5722

57-La-137

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

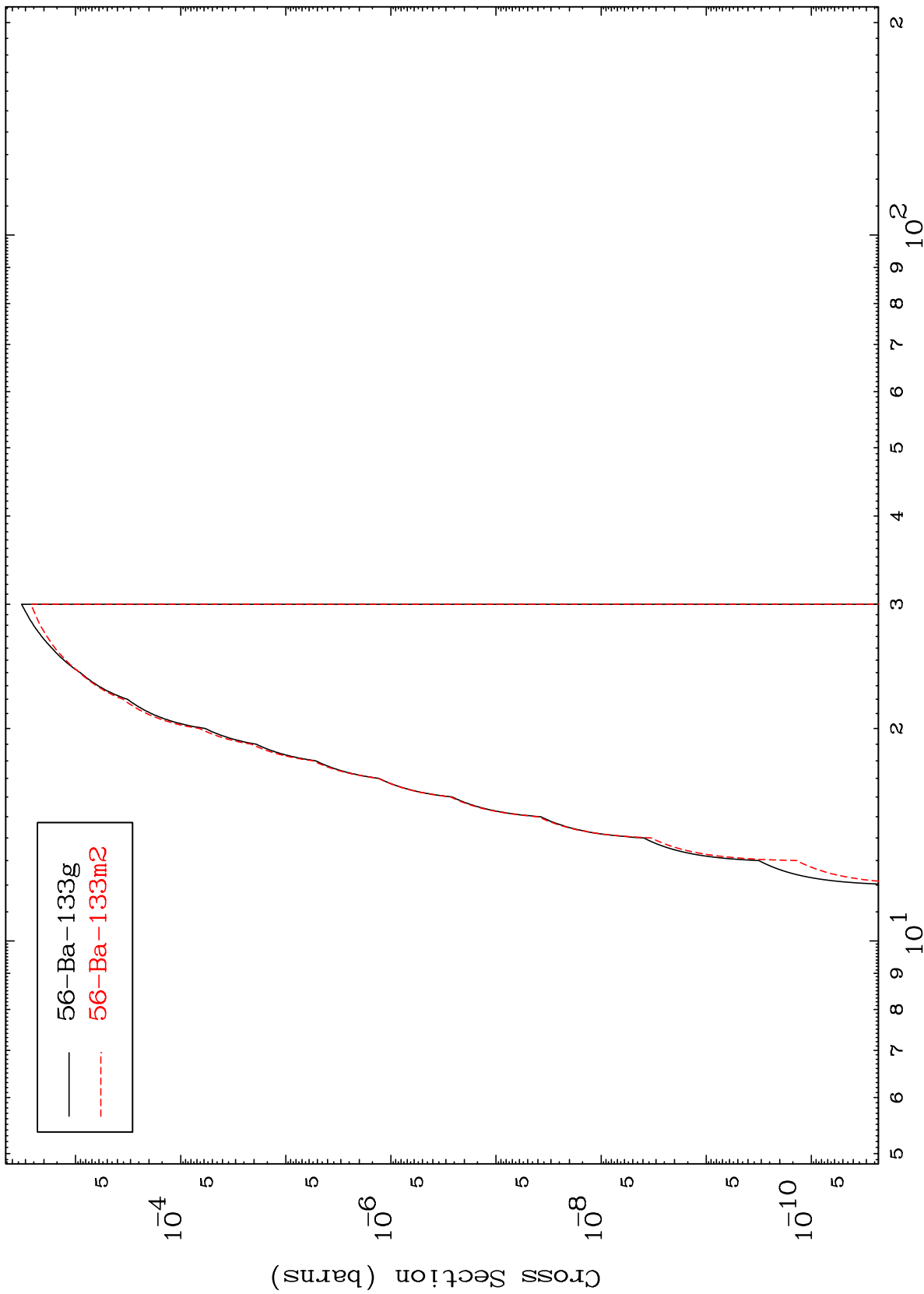
57-La-137

MAT 5722

57-La-137

(n,2n) α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

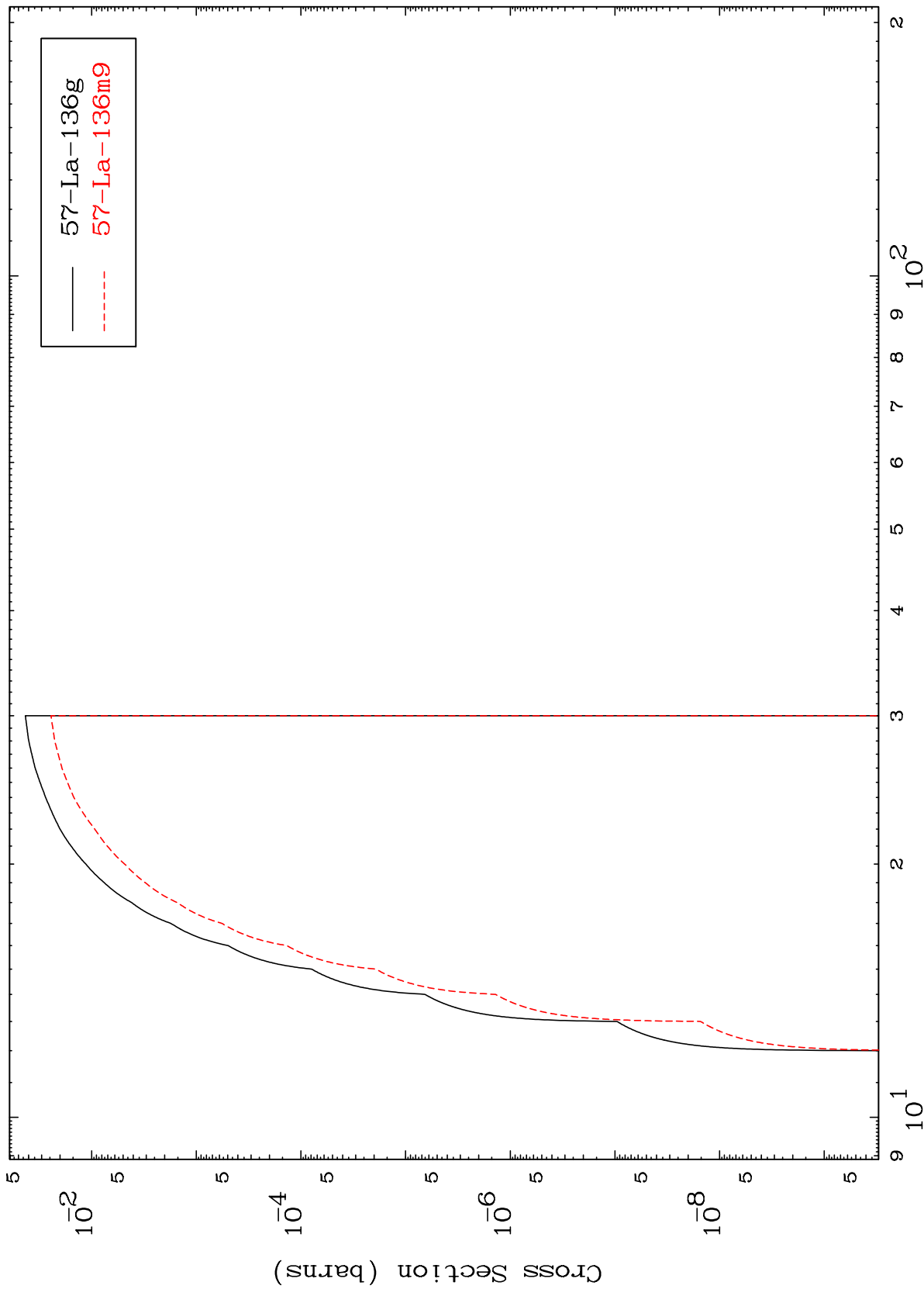
57-La-137

MAT 5722

(n,n') d

57-La-137

Radionuclide Production Cross Section



Incident Energy (MeV)

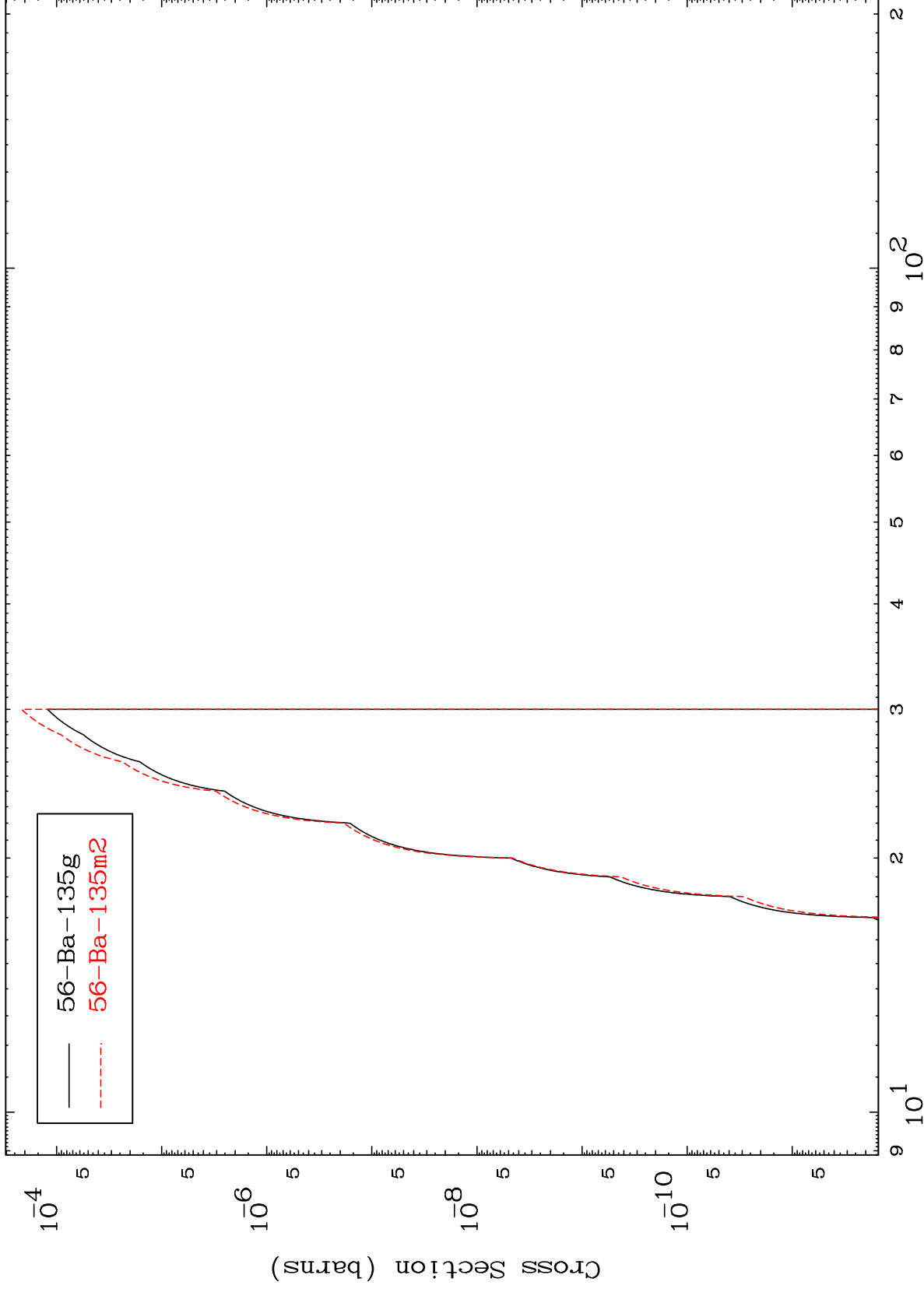
57-La-137

MAT 5722

(n,n') He-3

57-La-137

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-137

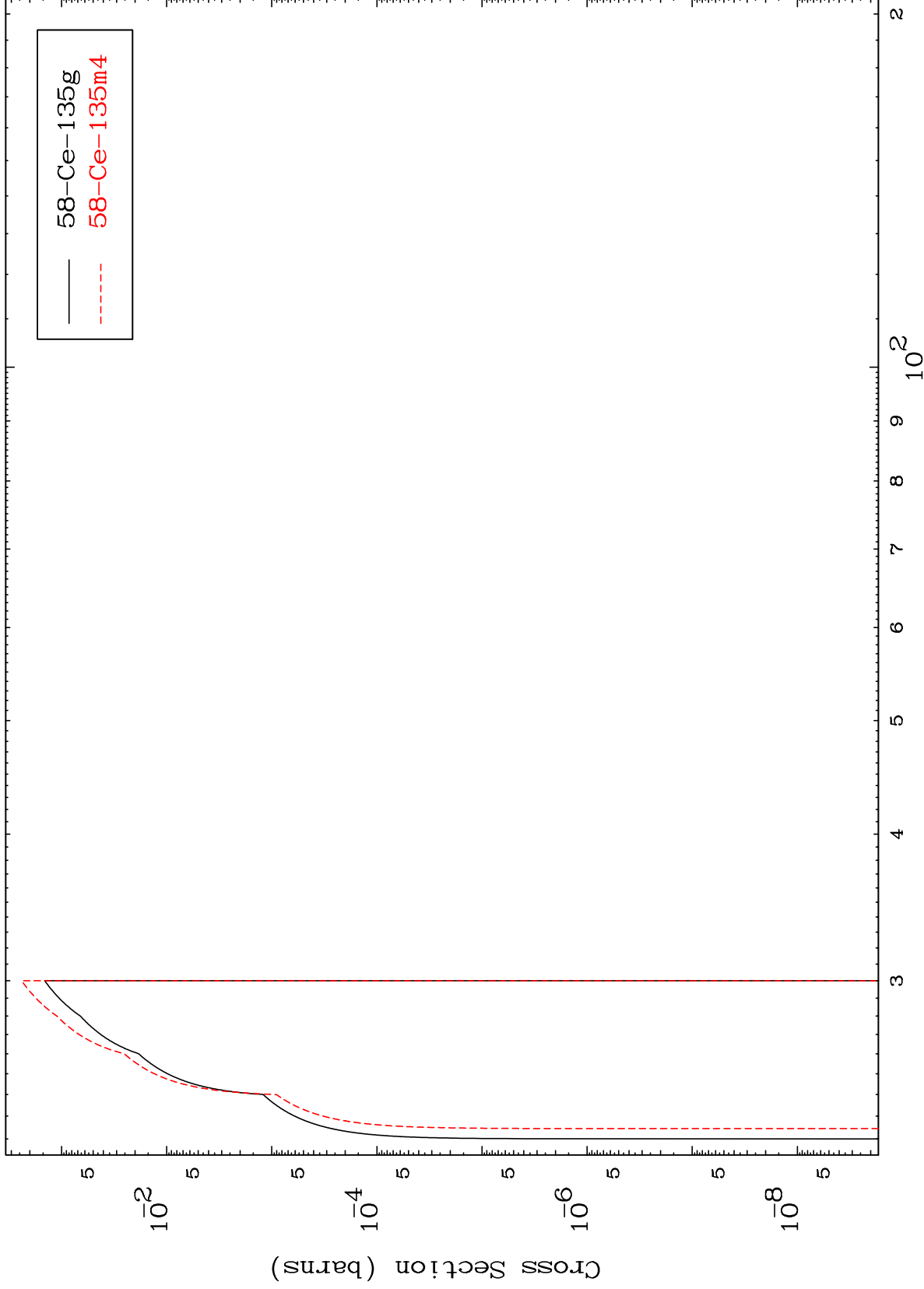
15

MAT 5722

(n,4n)

57-La-137

Radionuclide Production Cross Section

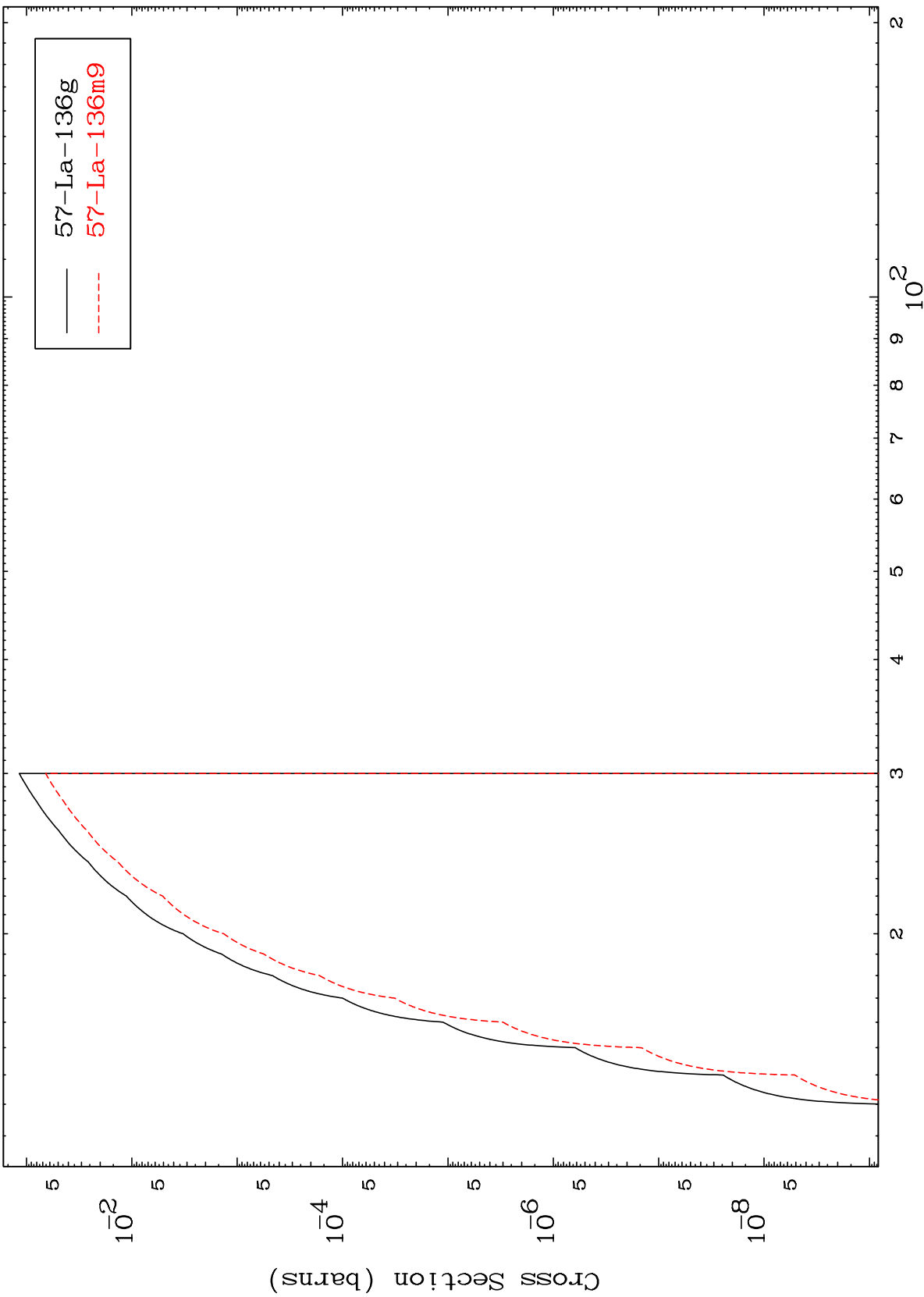


16

Incident Energy (MeV)

57-La-137

(n,2n) p
Radionuclide Production Cross Section

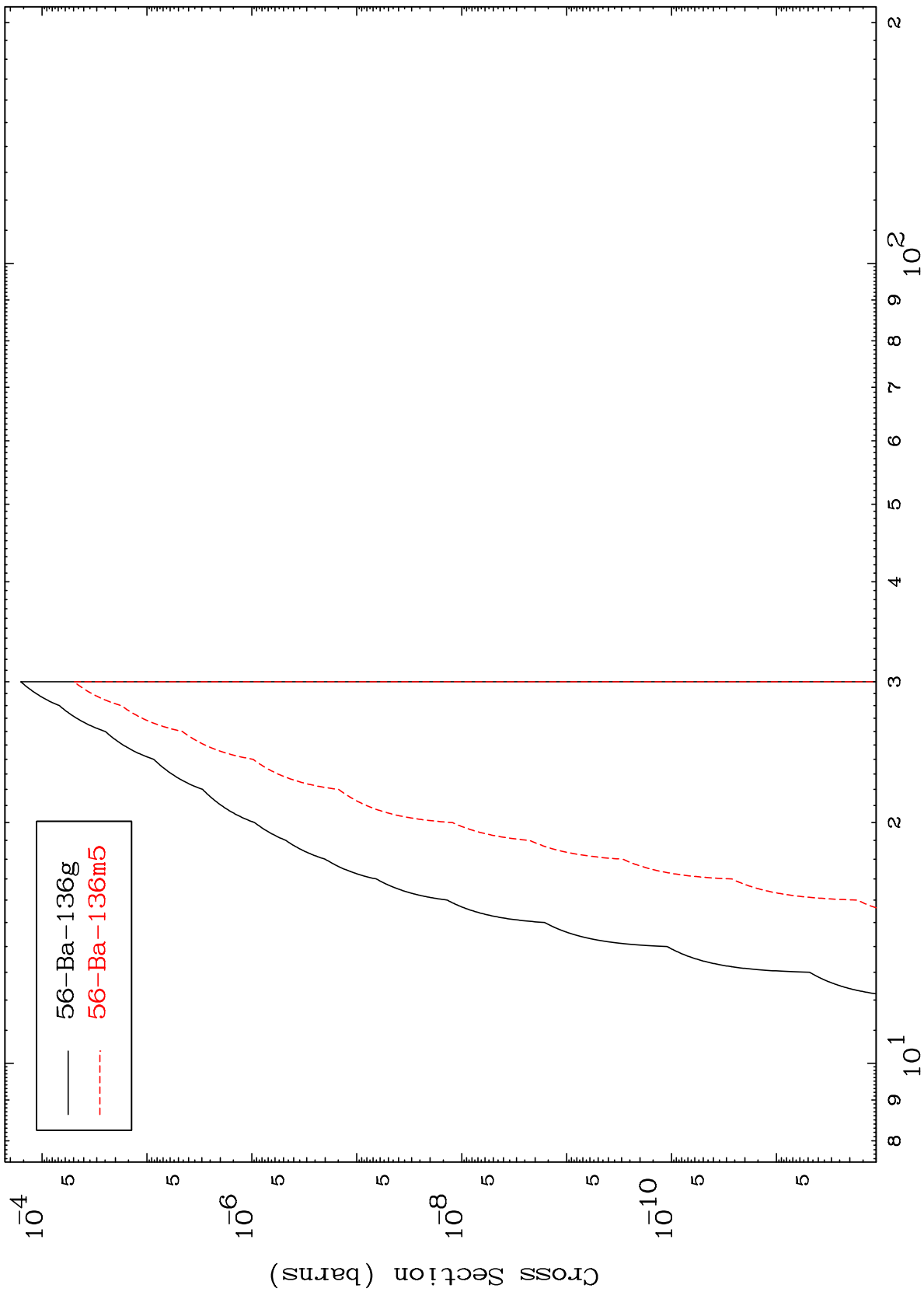


MAT 5722

(n,2n) p

57-La-137

Radionuclide Production Cross Section



18

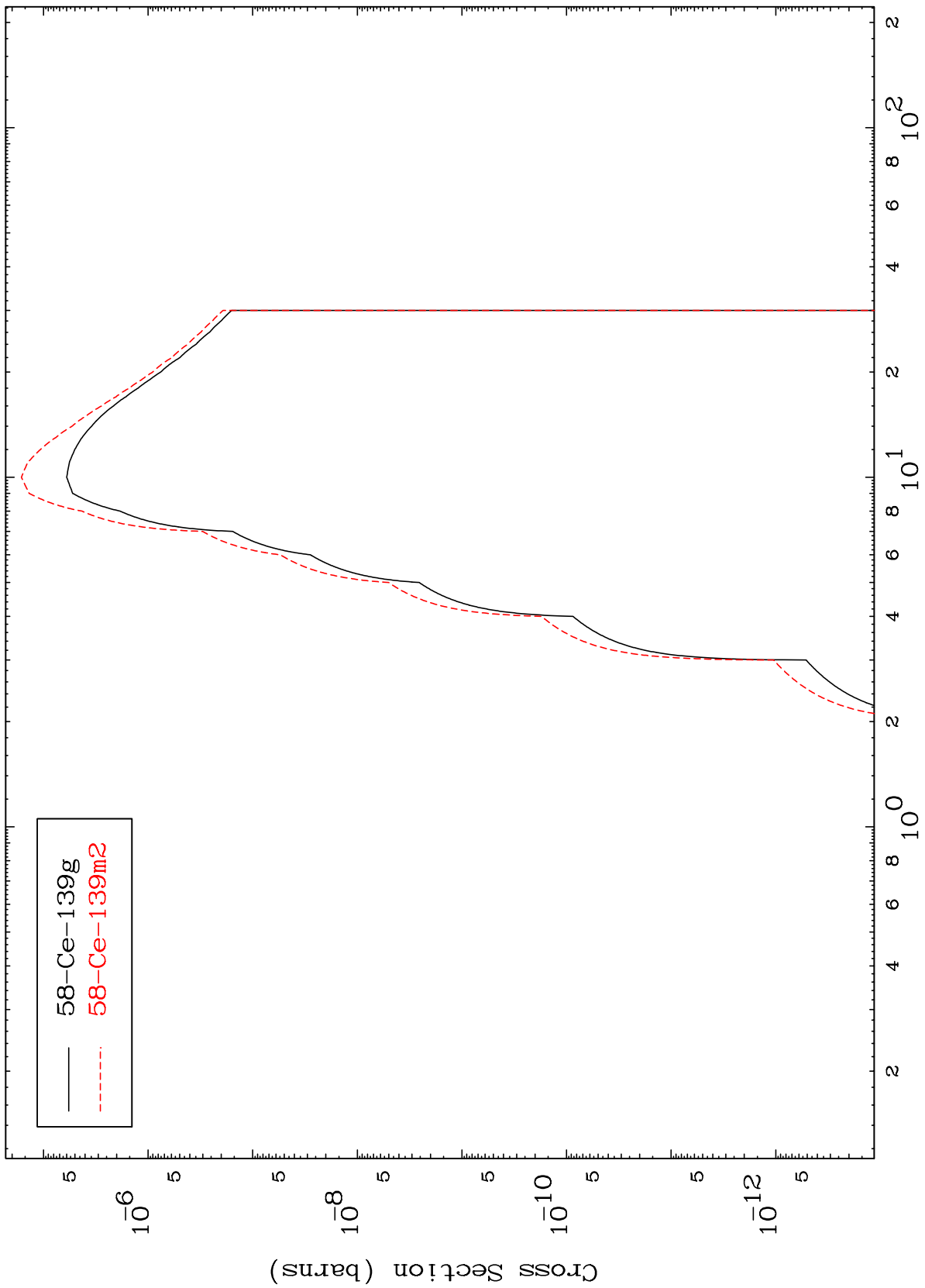
Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137

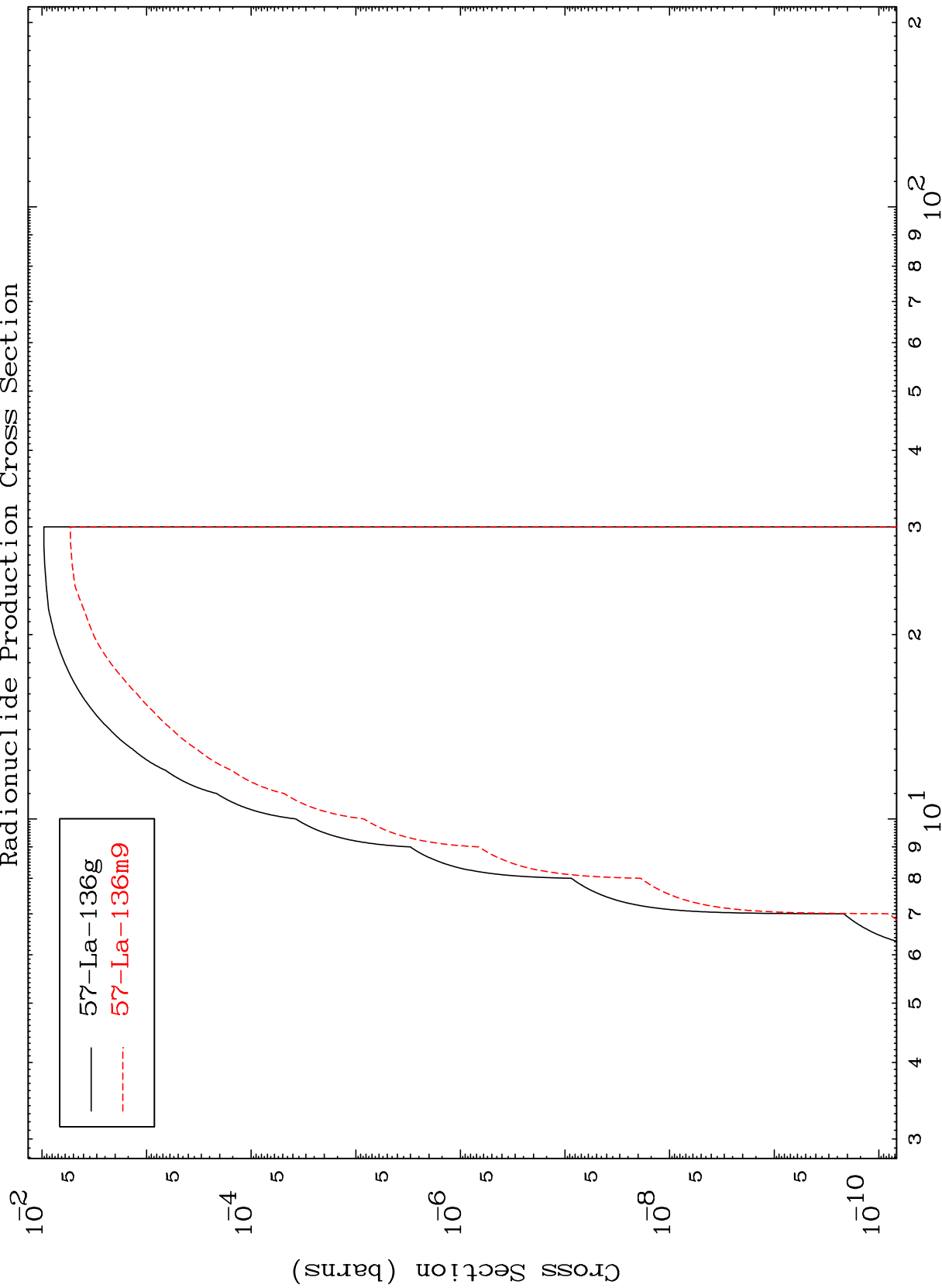
(n,γ)
Radionuclide Production Cross Section



MAT 5722

57-La-137

Radionuclide Production Cross Section (n,t)



57-La-137

Incident Energy (MeV)

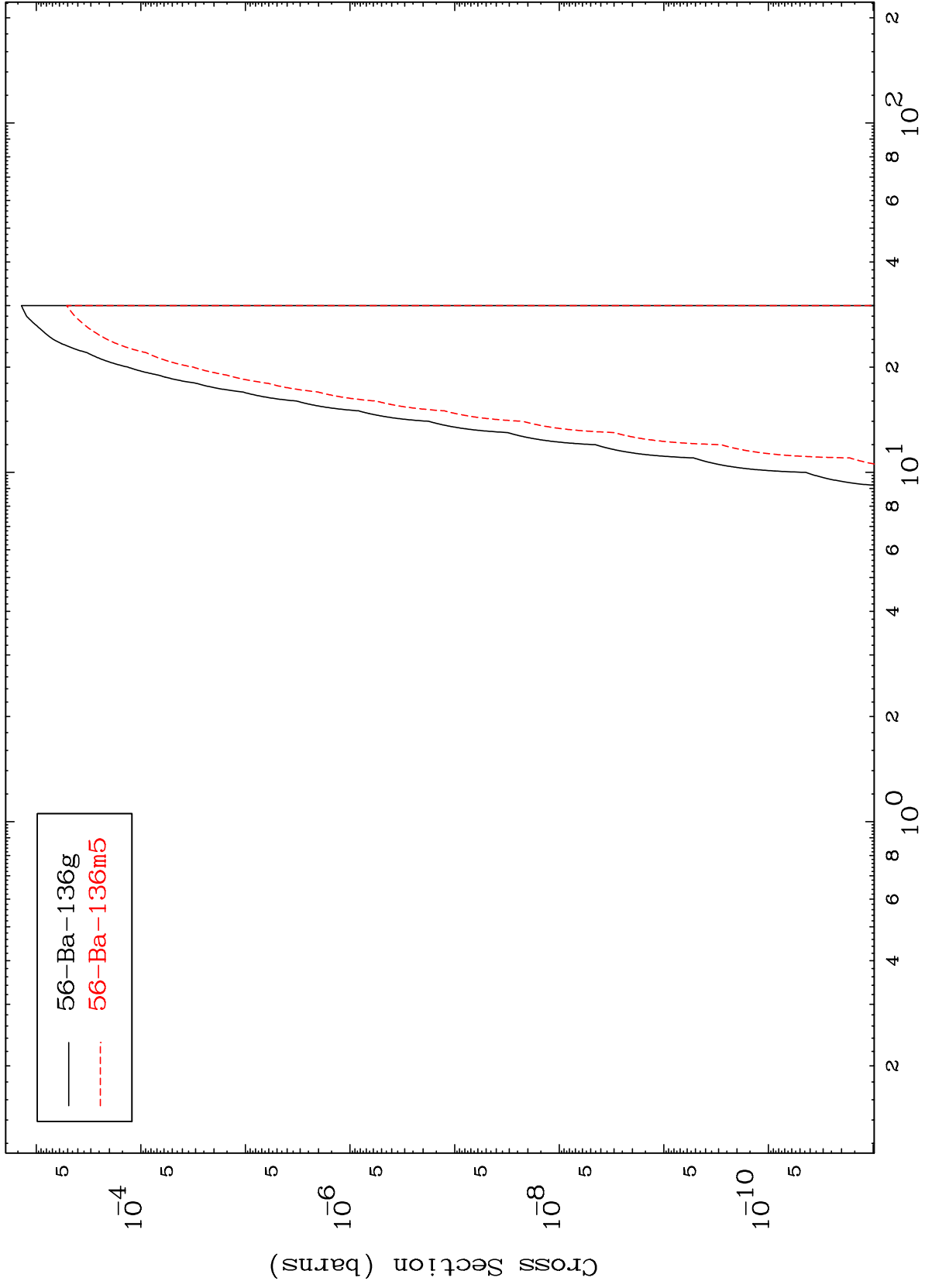
20

MAT 5722

(n,He-3)

57-La-137

Radionuclide Production Cross Section

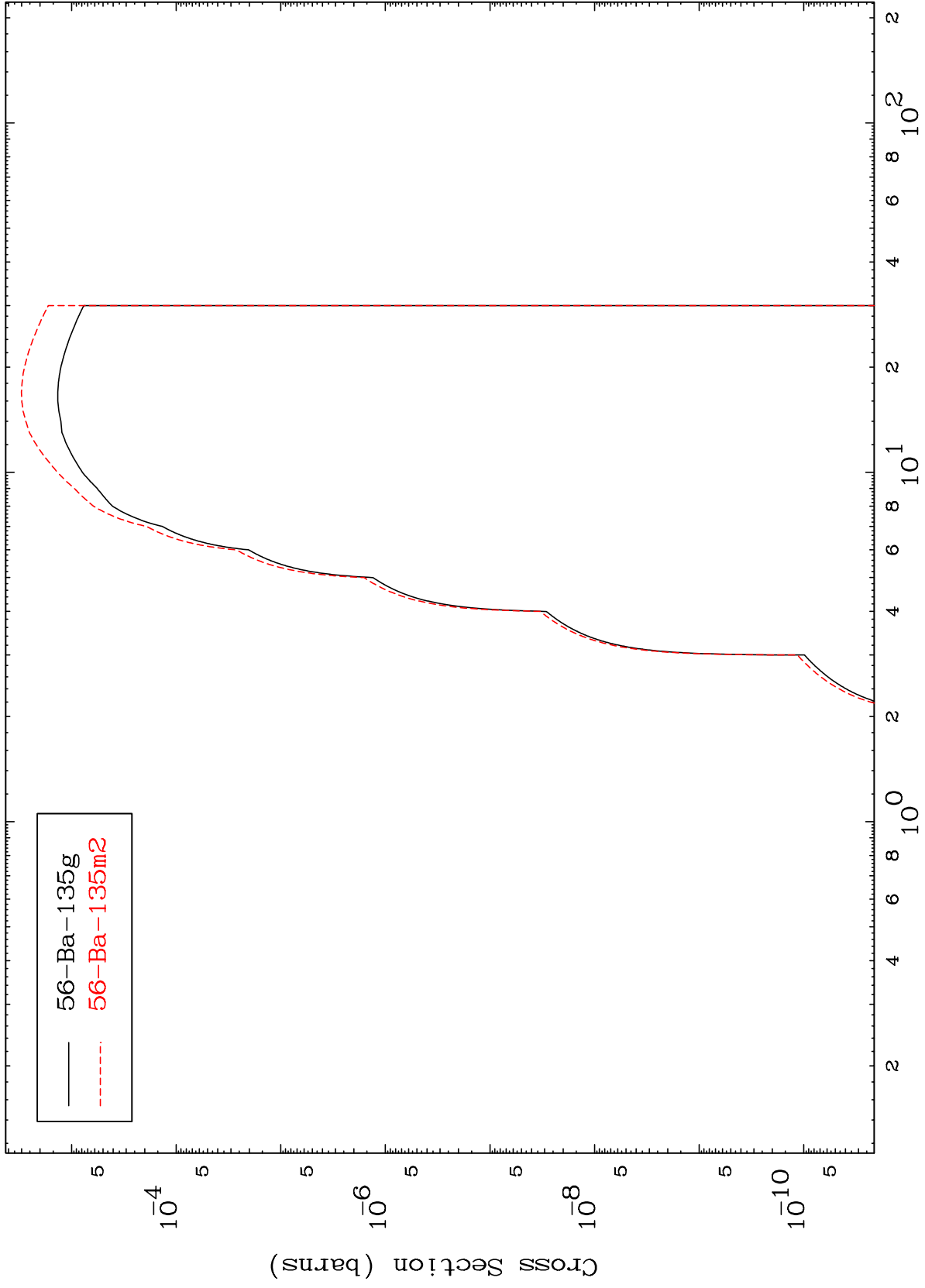


56-Ba-136g
56-Ba-136m5

MAT 5722

57-La-137

(n, α)
Radionuclide Production Cross Section



57-La-137

Incident Energy (MeV)

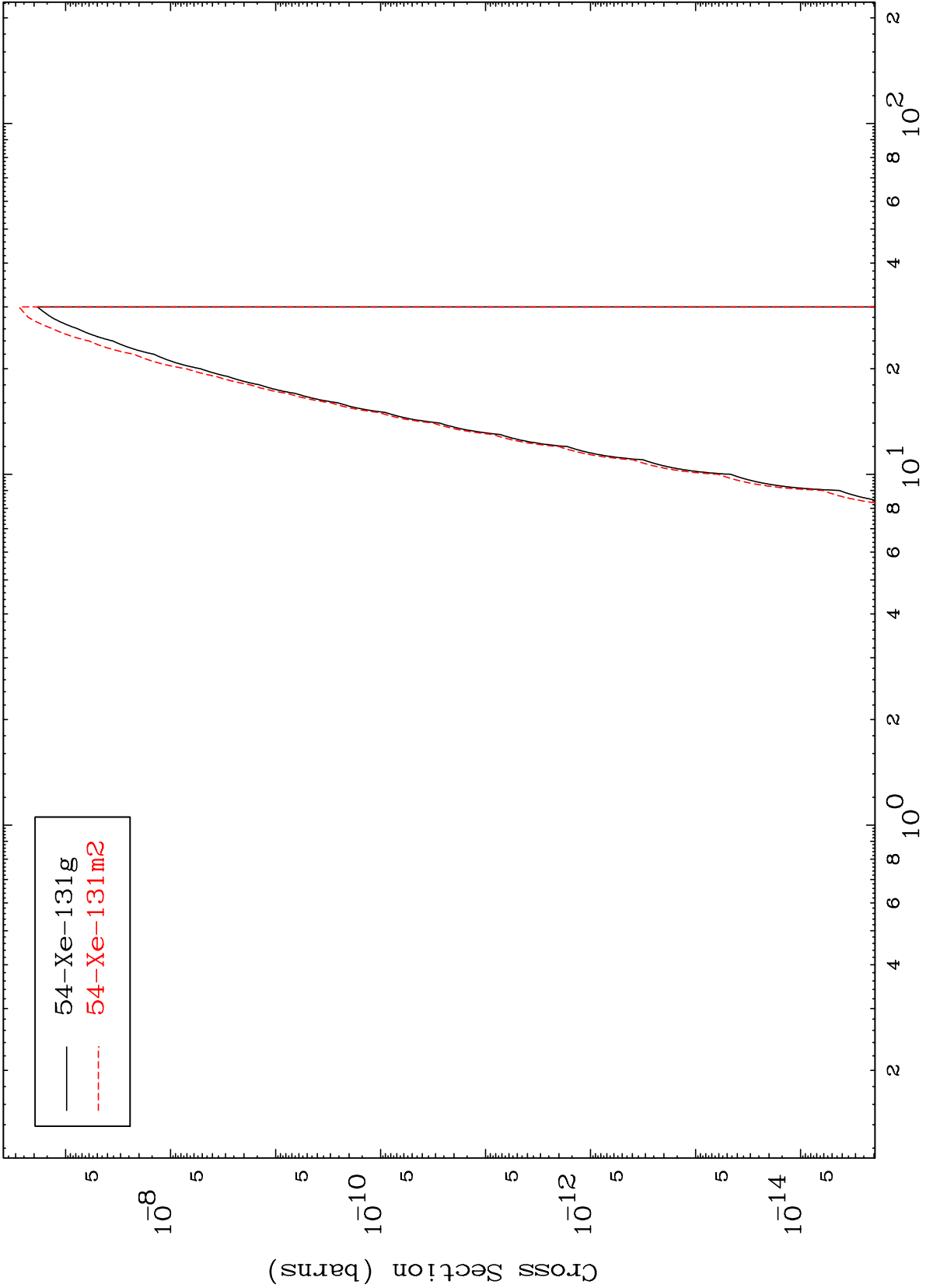
22

MAT 5722

(n,2α)

57-La-137

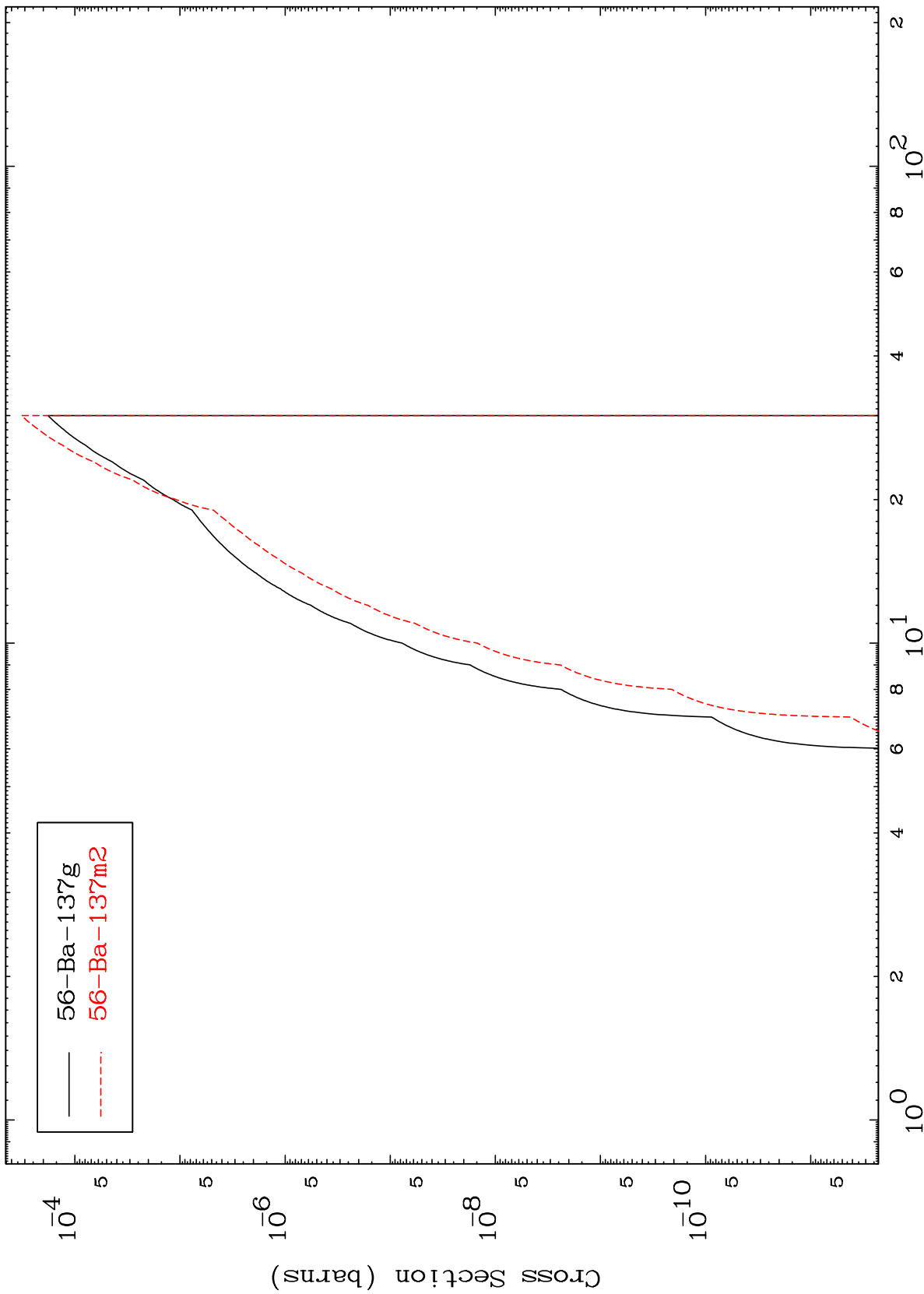
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,2p)
Radionuclide Production Cross Section



— 56-Ba-137g
- - - 56-Ba-137m2

57-La-137

Incident Energy (MeV)

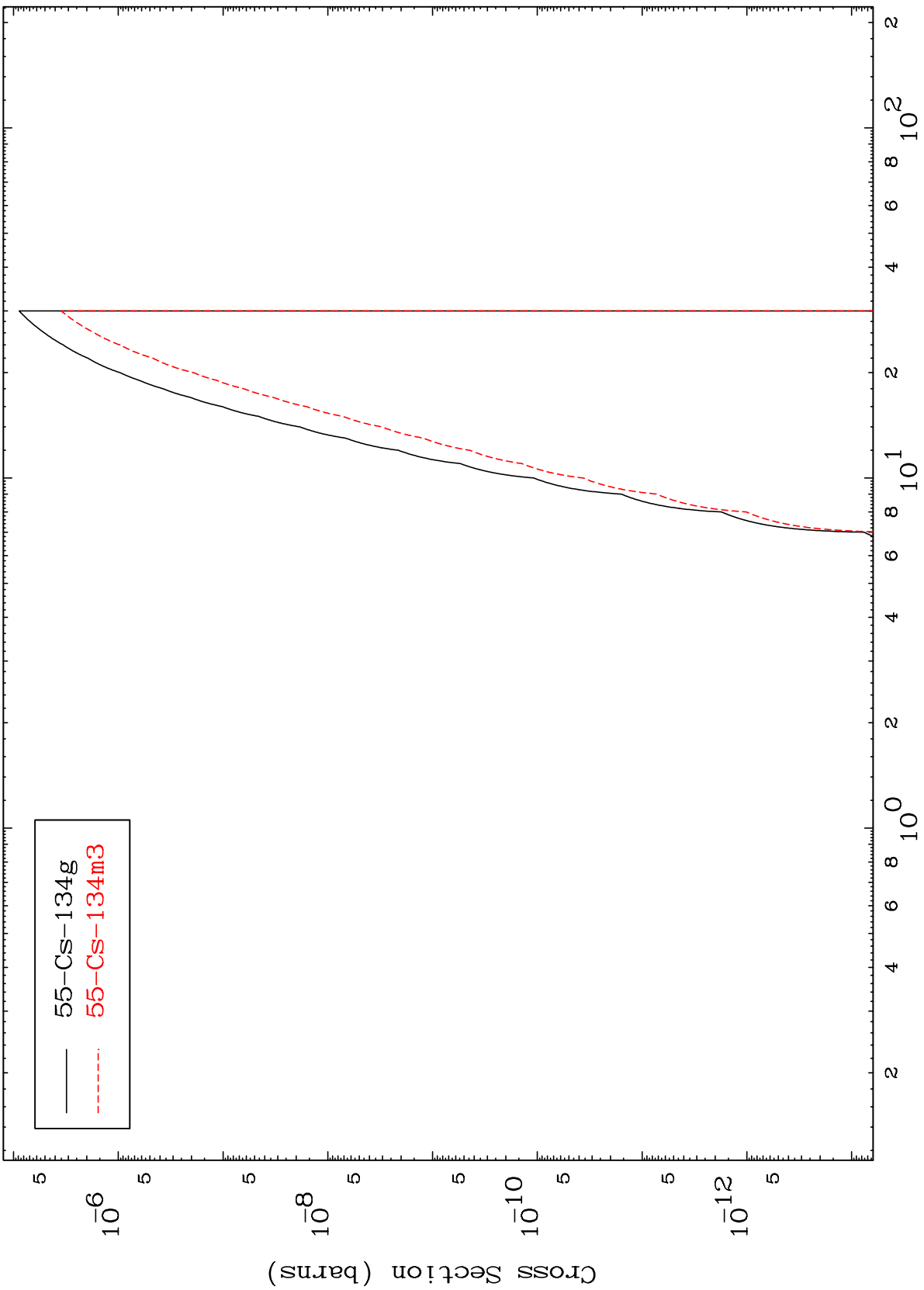
24

MAT 5722

(n,p) α

57-La-137

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

25

Incident Energy (MeV)

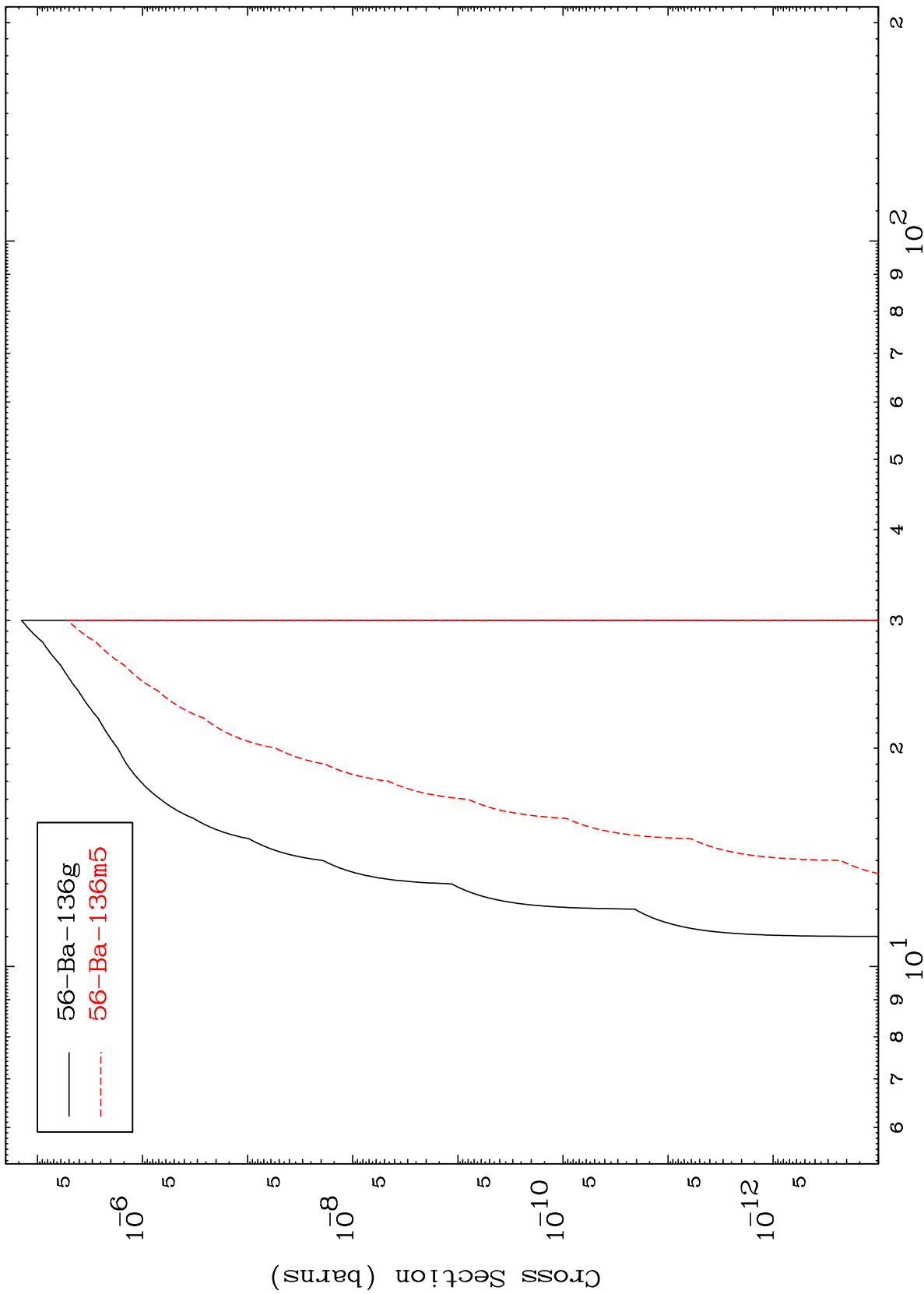
57-La-137

MAT 5722

(n,p) d

57-La-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

57-La-137

MAT 5722

(n,p) t

57-La-137

