

Program EVALPLOT
(Version 2021-1)

by

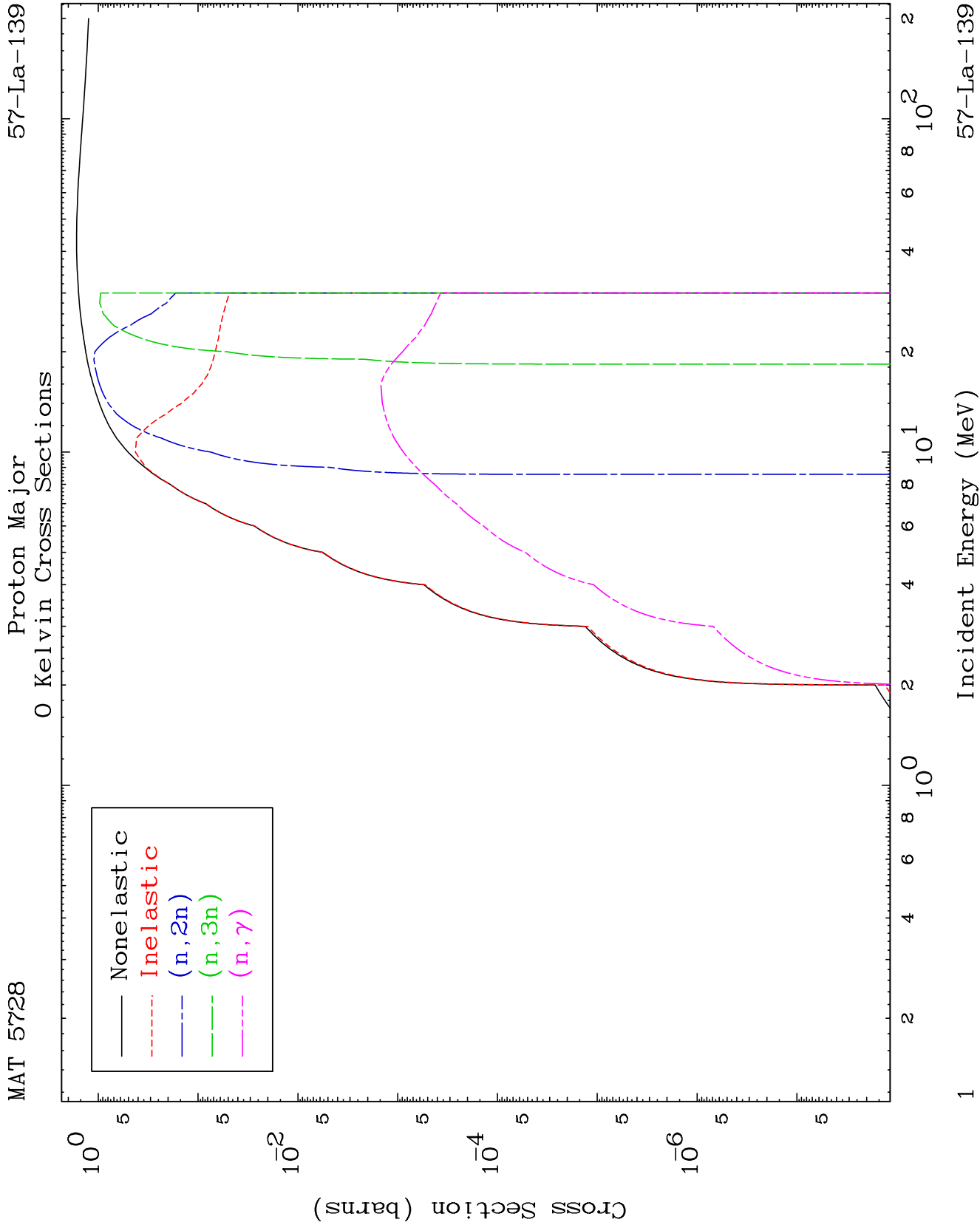
Dermott E. Cullen
(Present Contact Information)

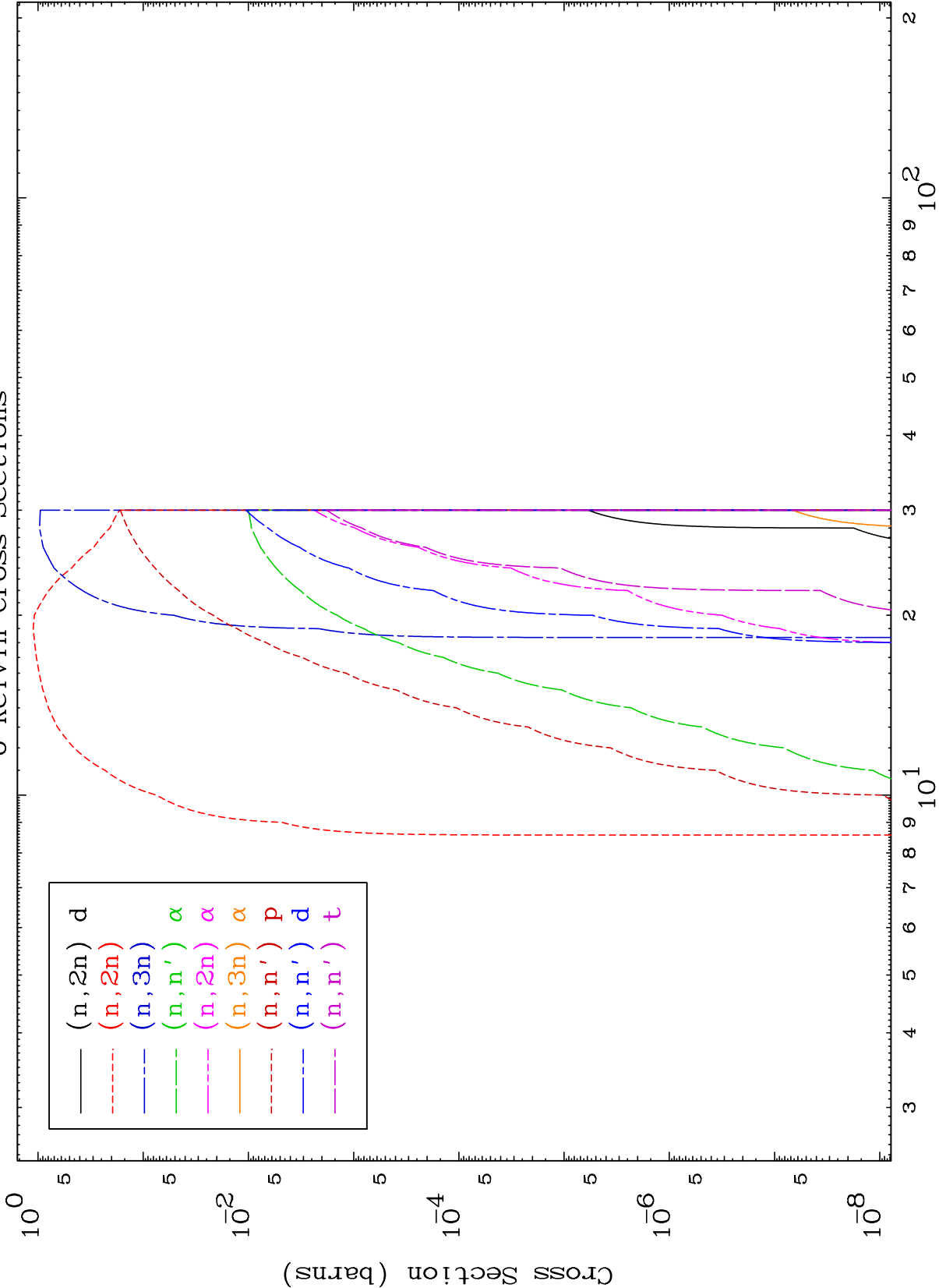
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

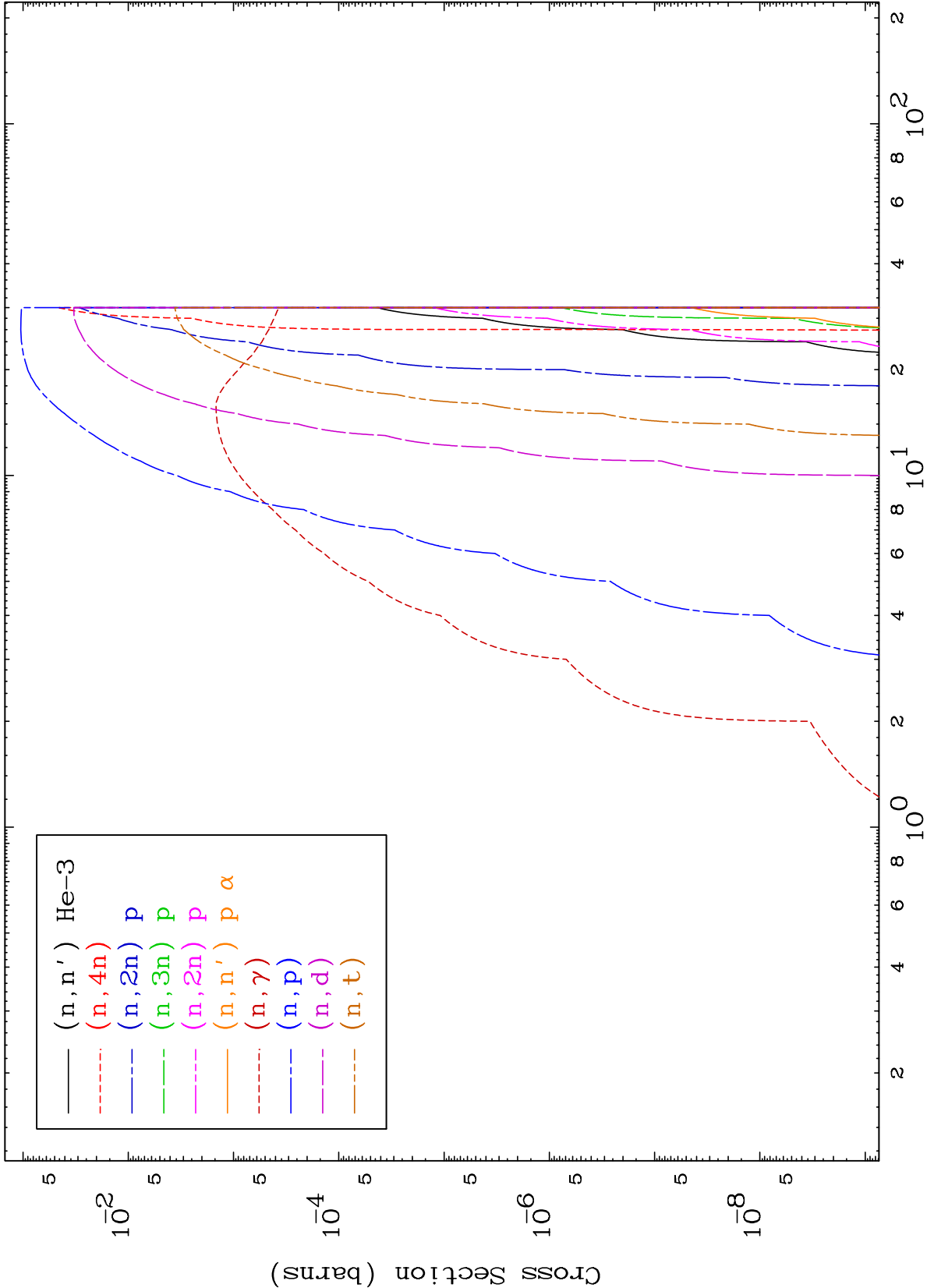
Tele: 925-443-1911

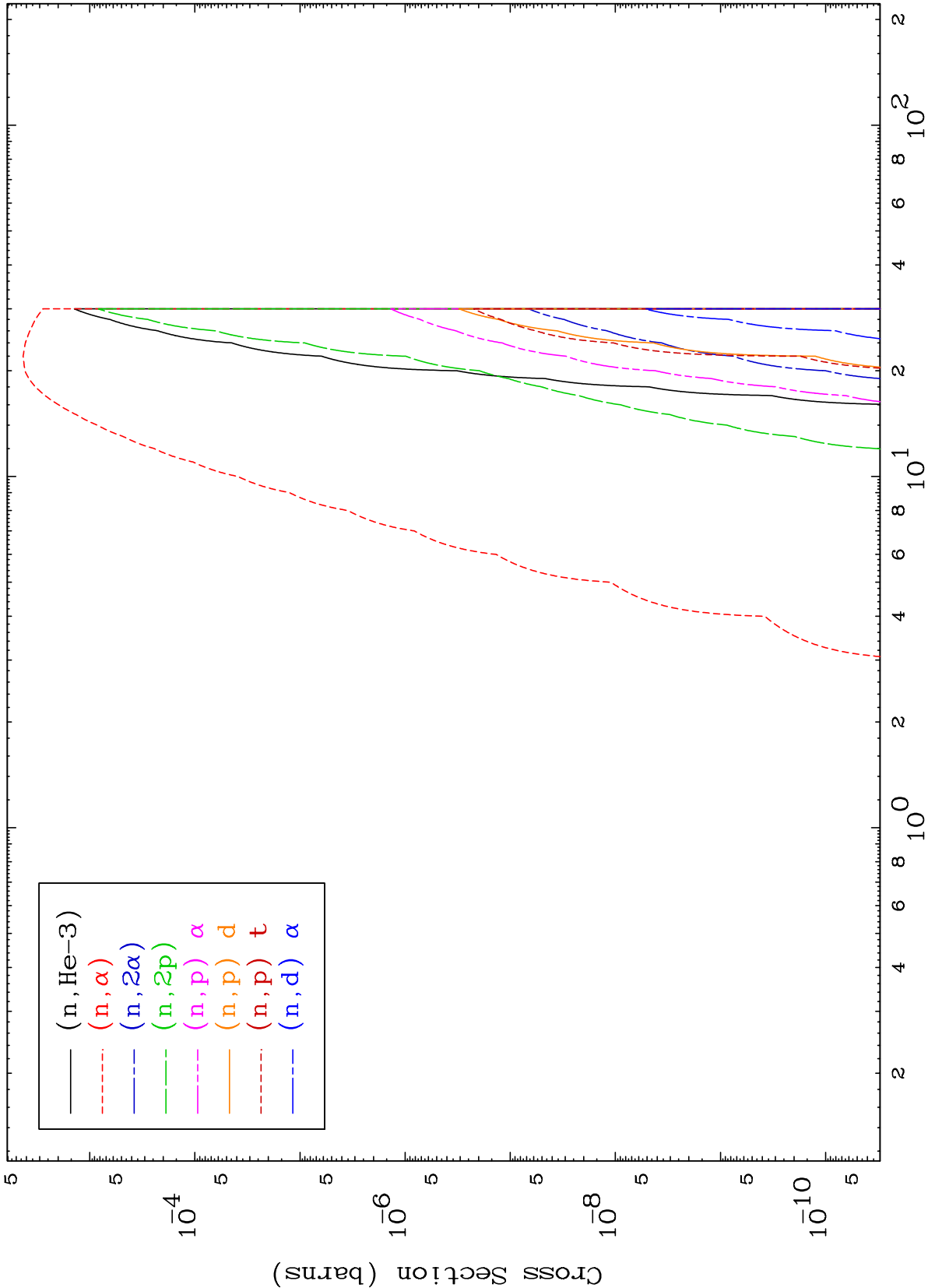
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

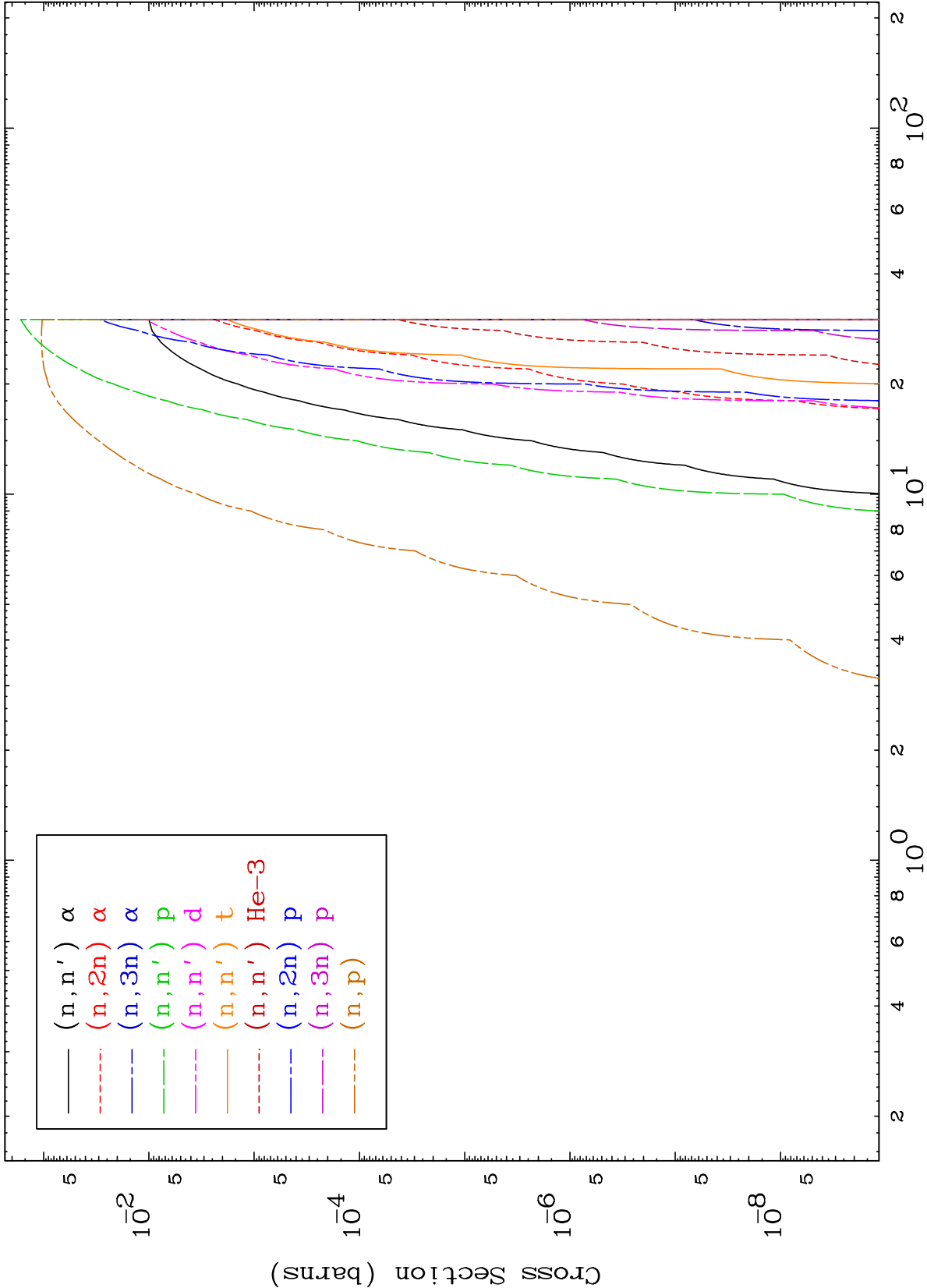
Press Mouse Button to Start

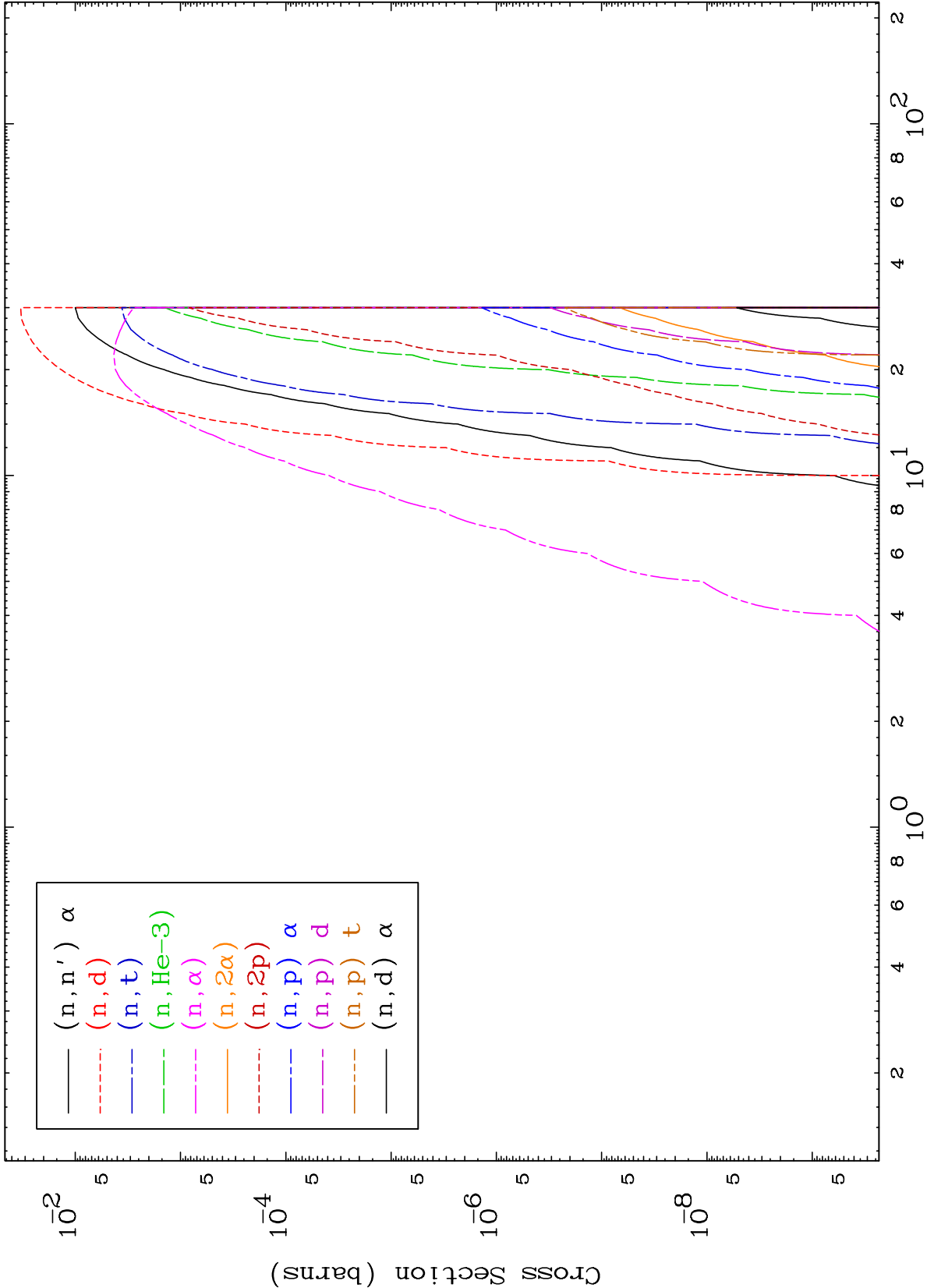








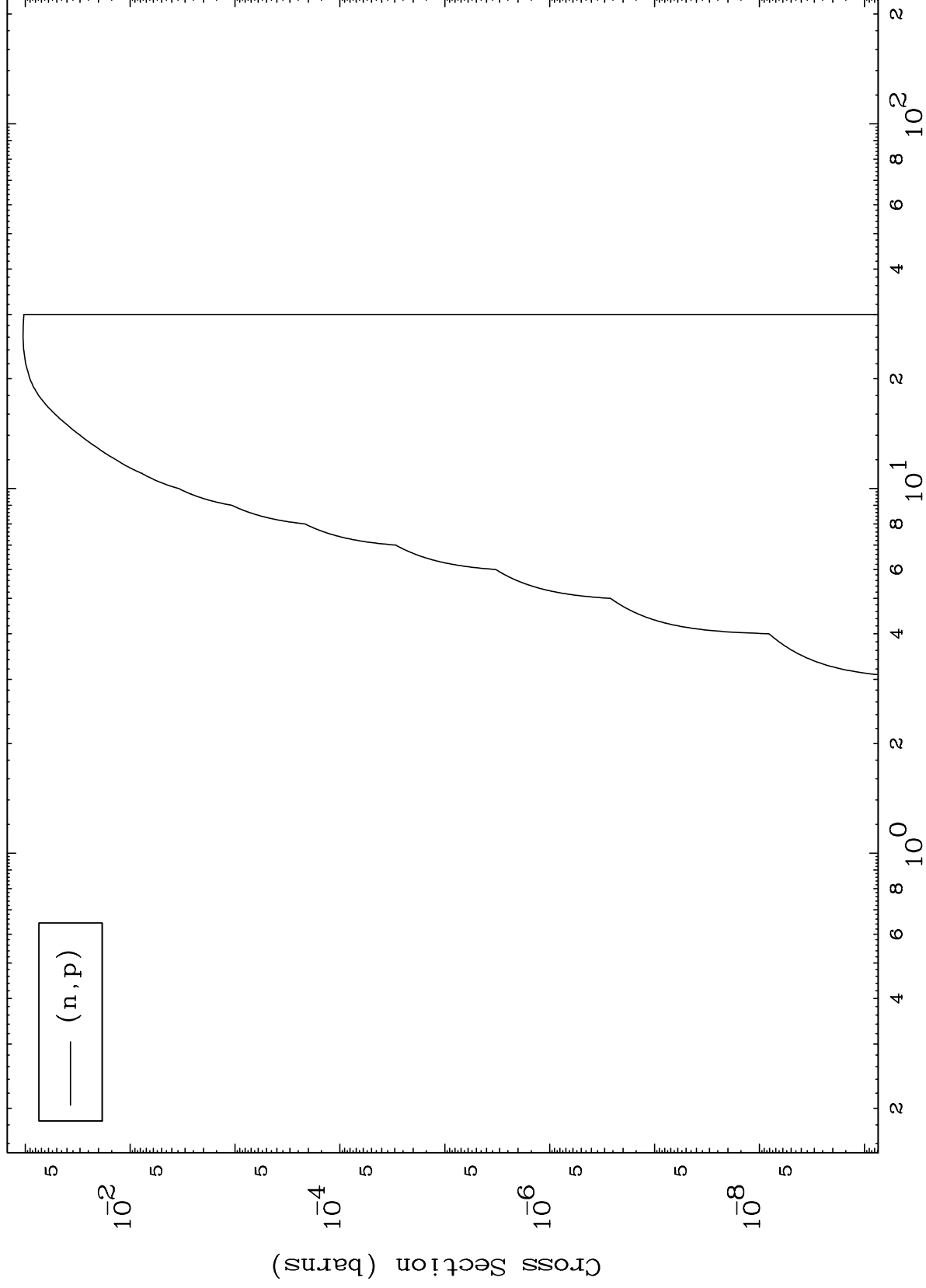




MAT 5728

57-La-139

(p,p) Levels
0 Kelvin Cross Sections



57-La-139

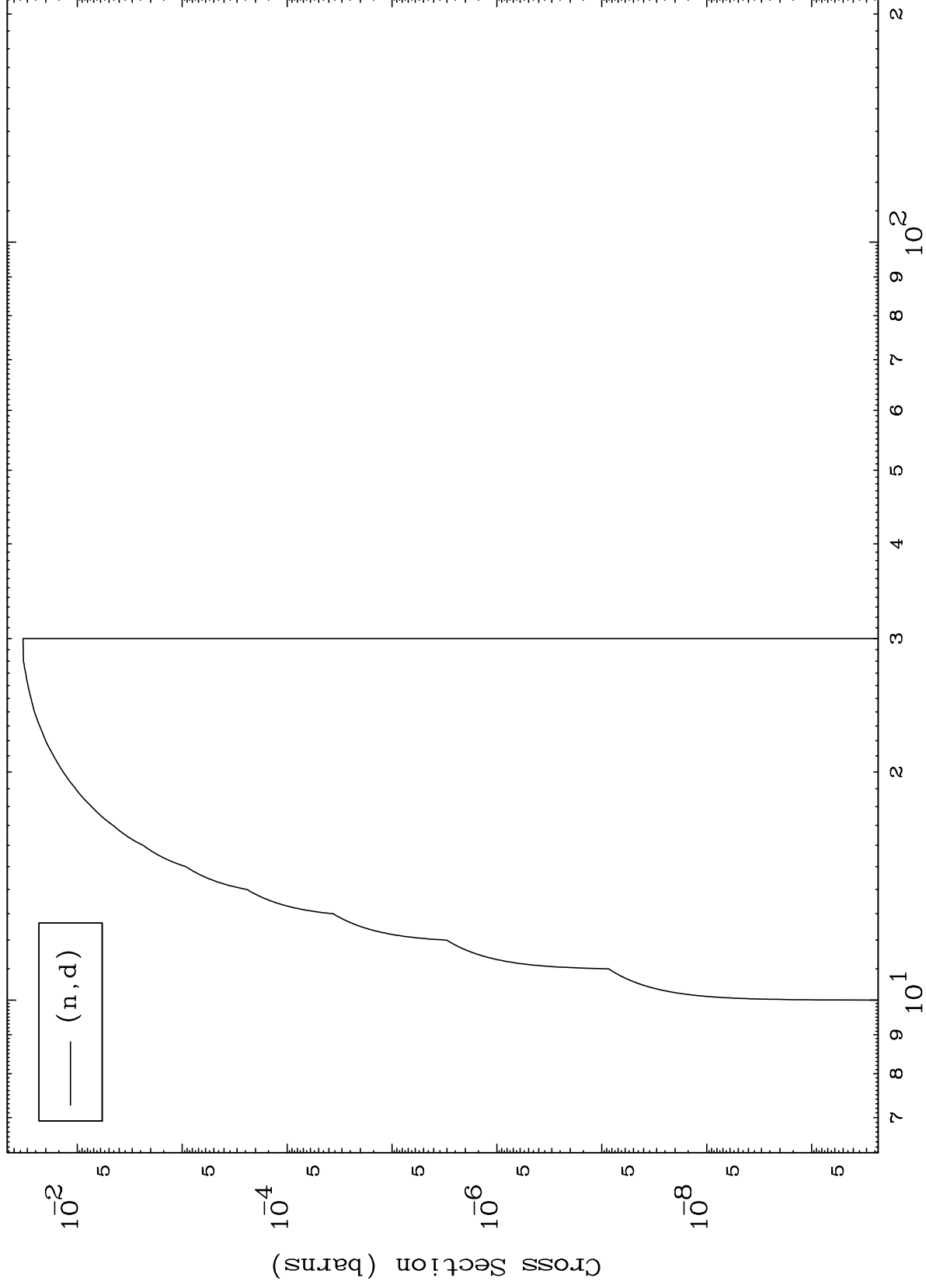
Incident Energy (MeV)

7

MAT 5728

57-La-139

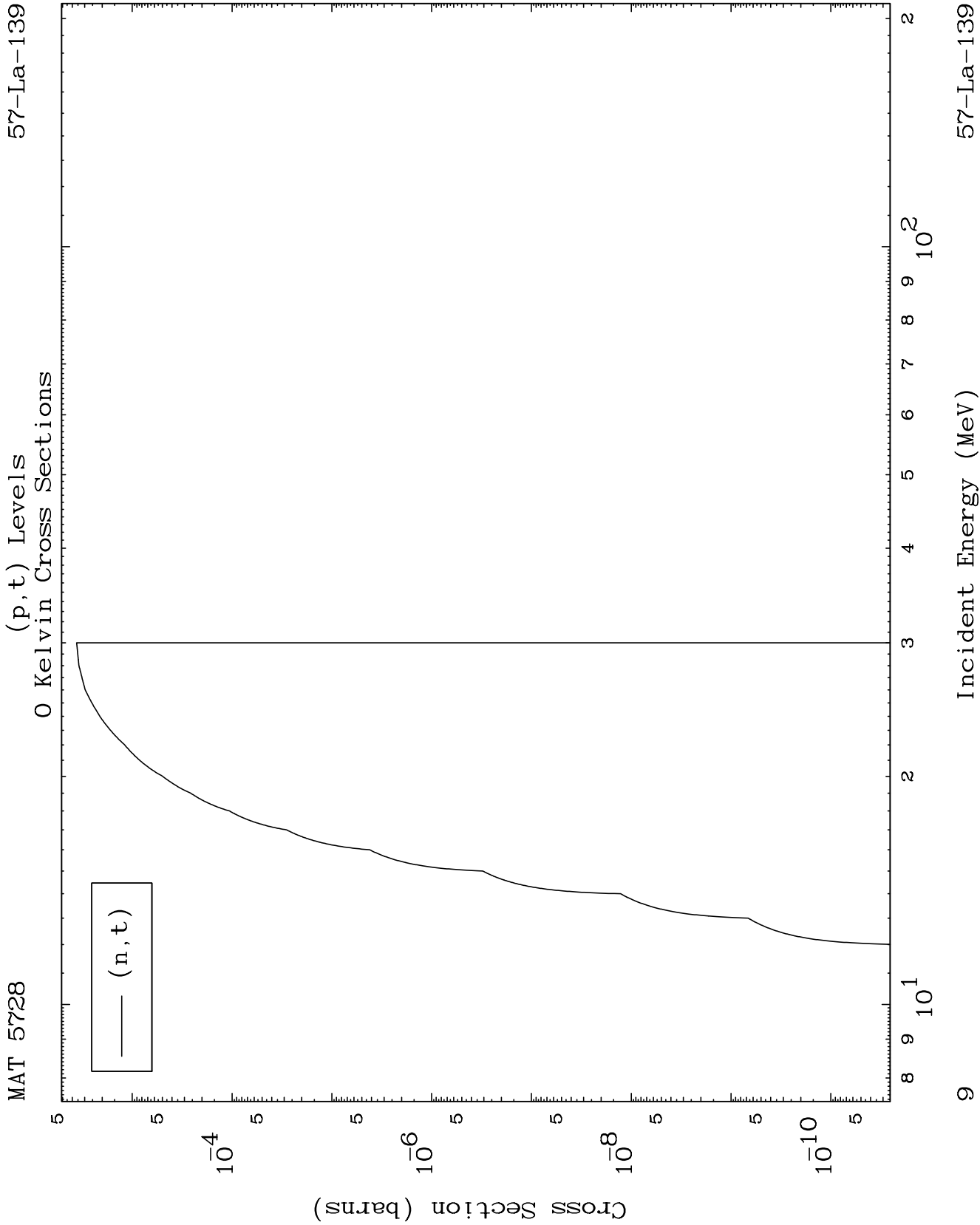
(p,d) Levels
0 Kelvin Cross Sections

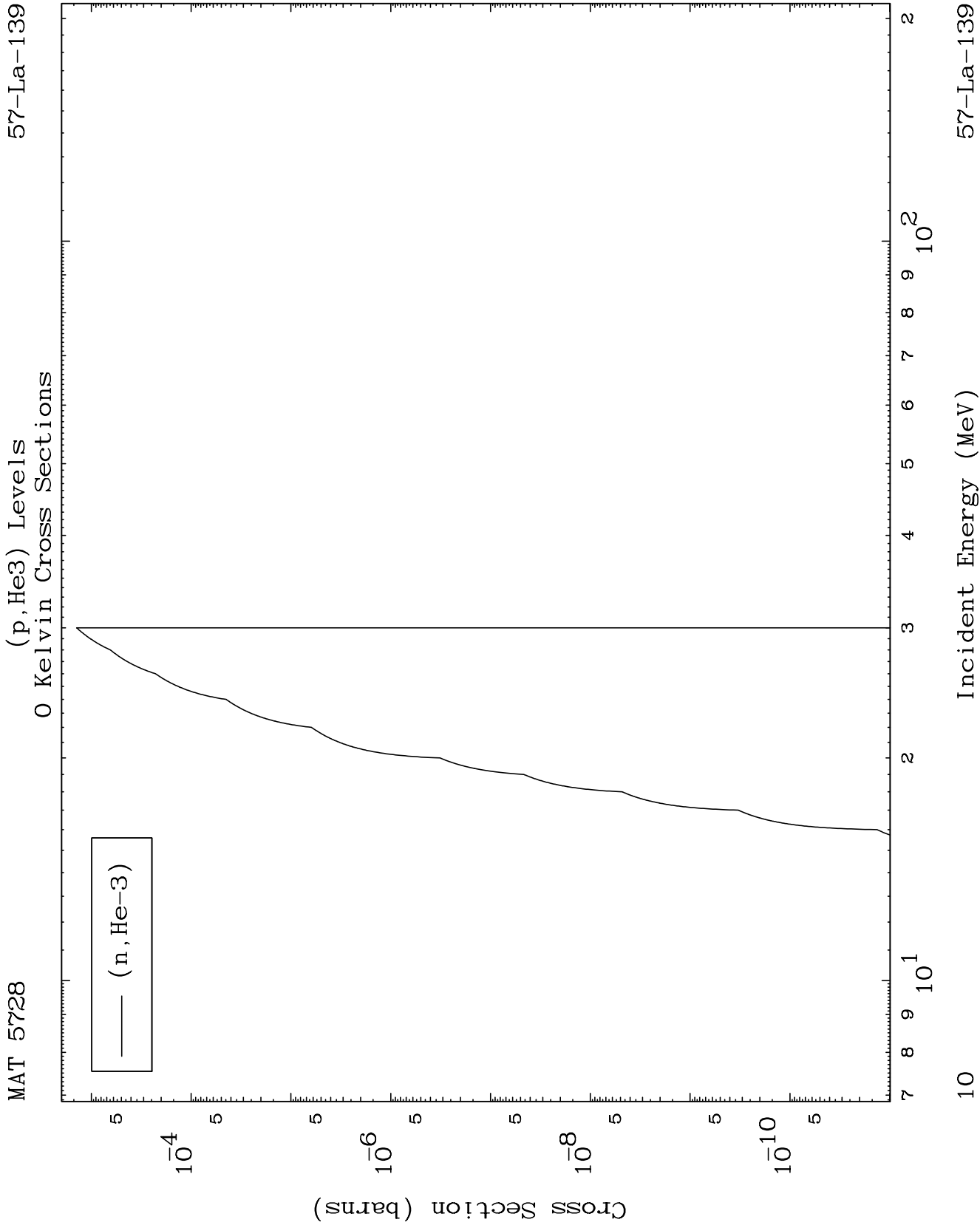


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Incident Energy (MeV)

8



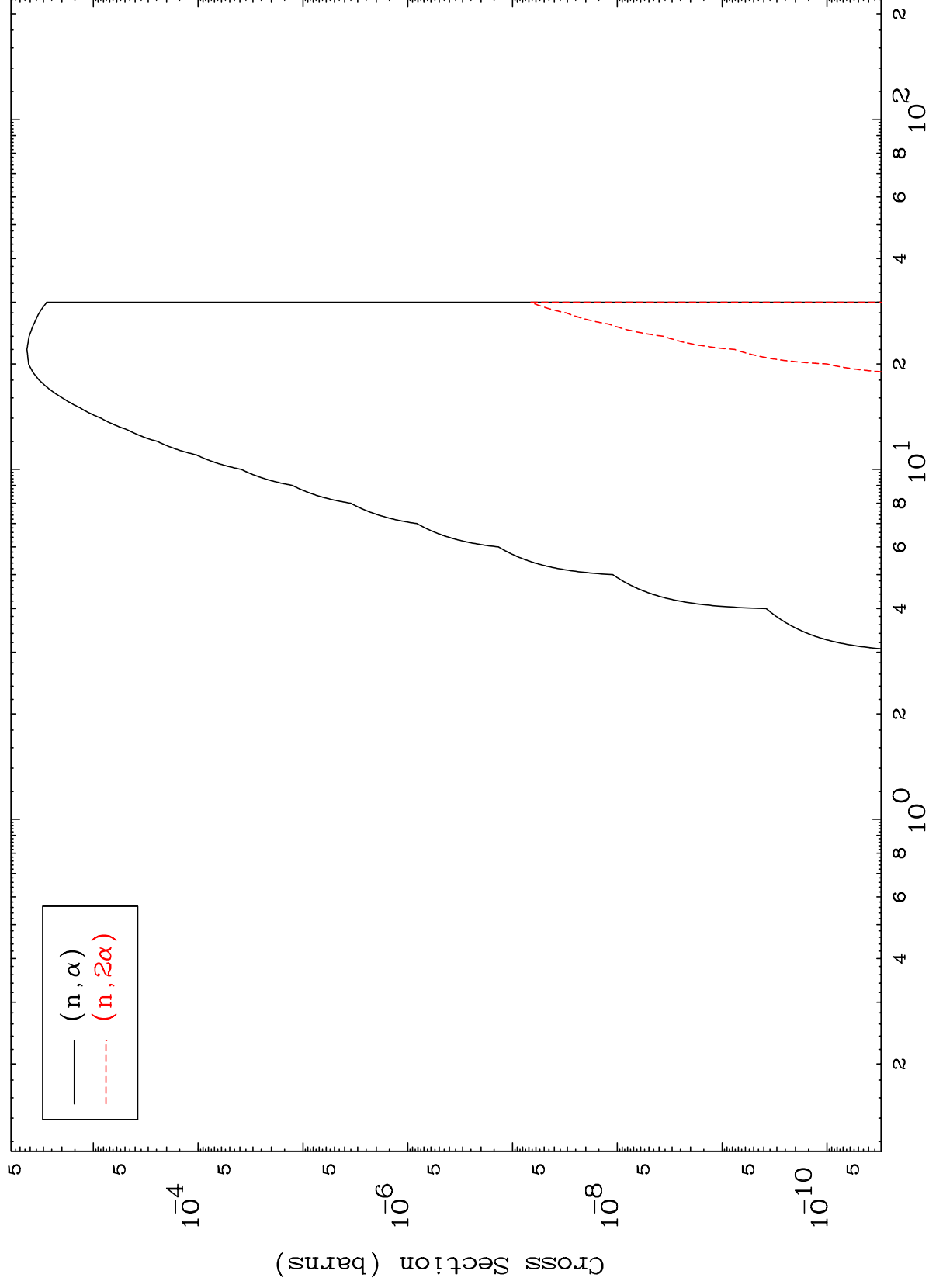


MAT 5728

(p, α) Levels

57-La-139

0 Kelvin Cross Sections



11

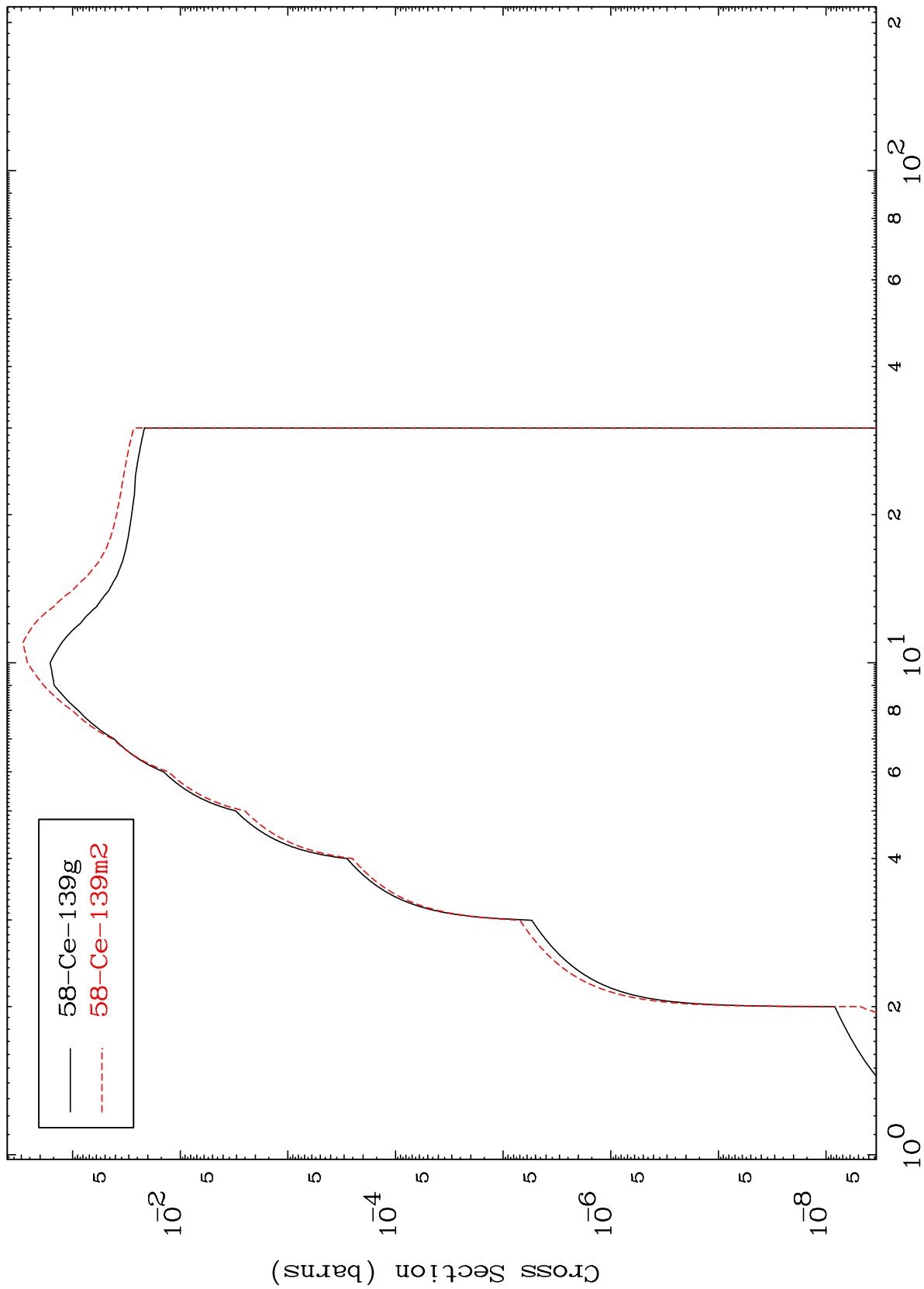
Incident Energy (MeV)

57-La-139

MAT 5728

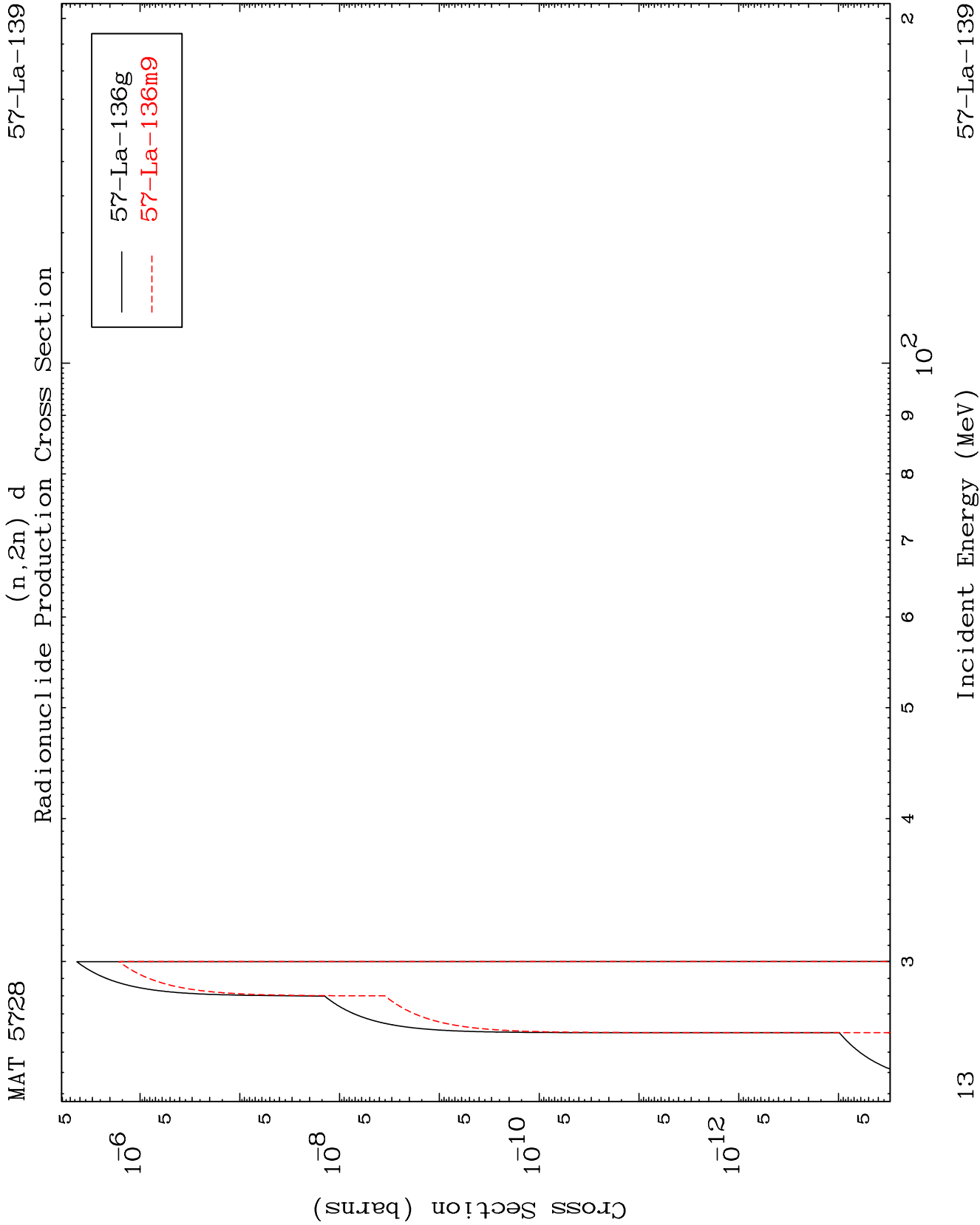
57-La-139

Radionuclide Production Cross Section



57-La-139

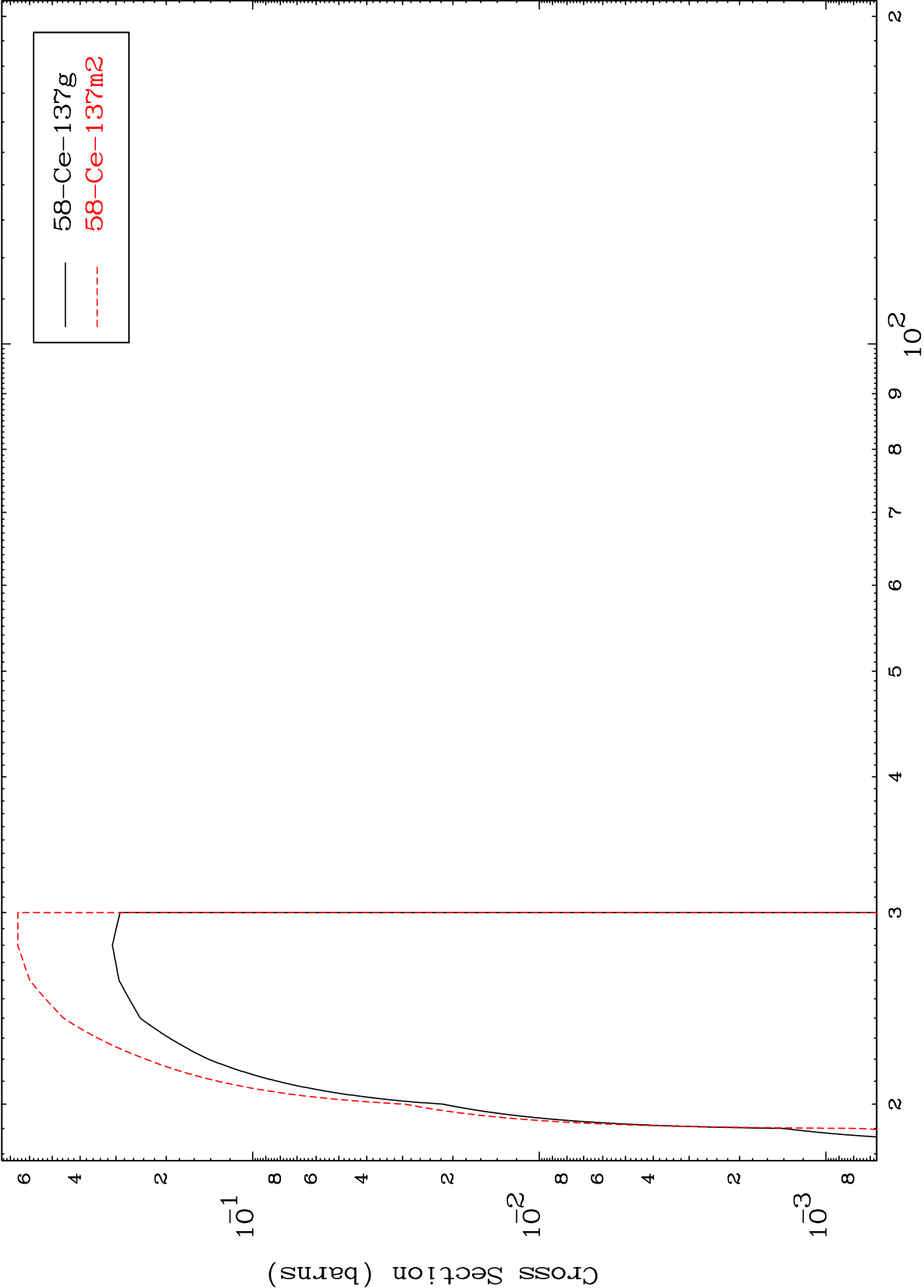
Incident Energy (MeV)



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(n,3n)
Radionuclide Production Cross Section



14

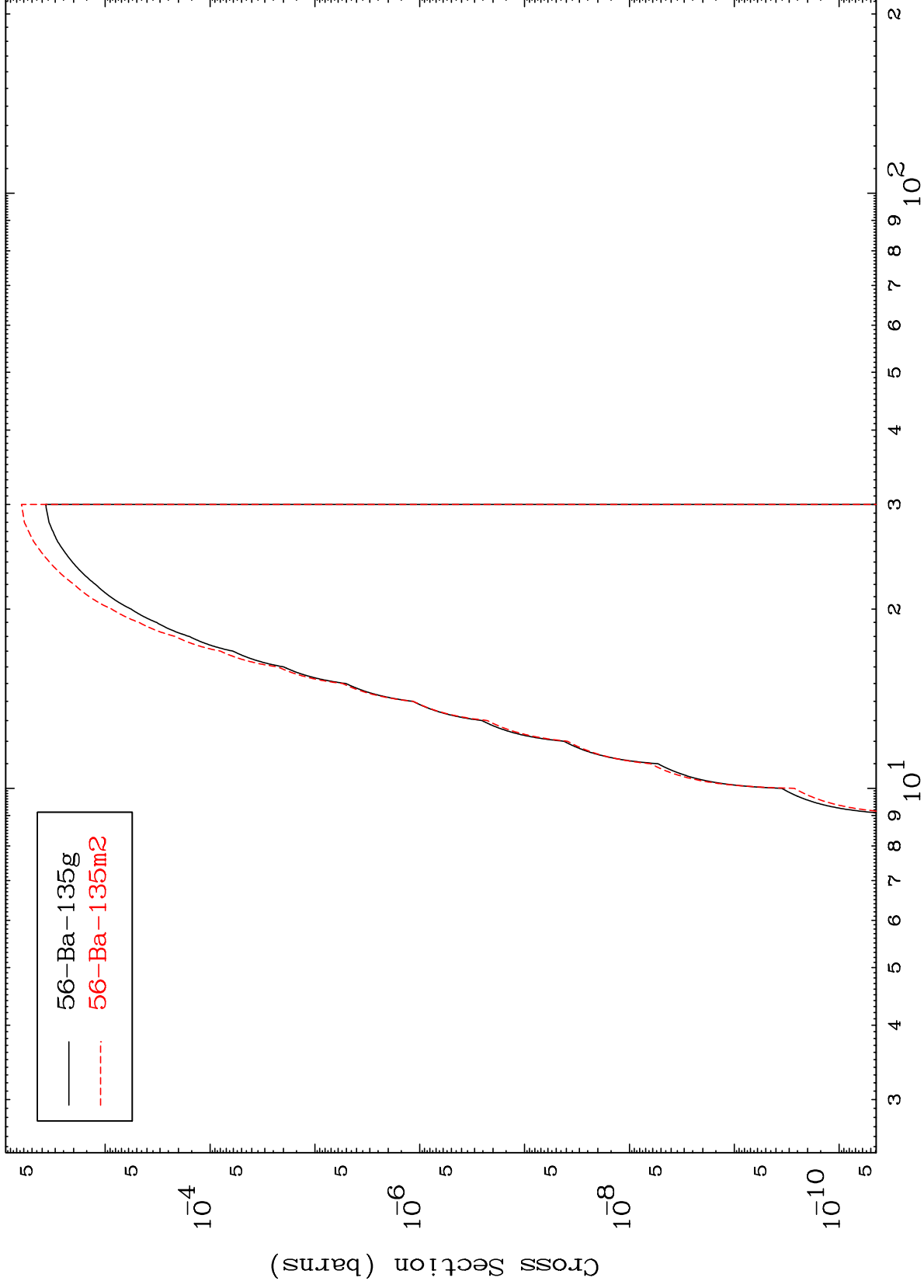
Incident Energy (MeV)

57-La-139

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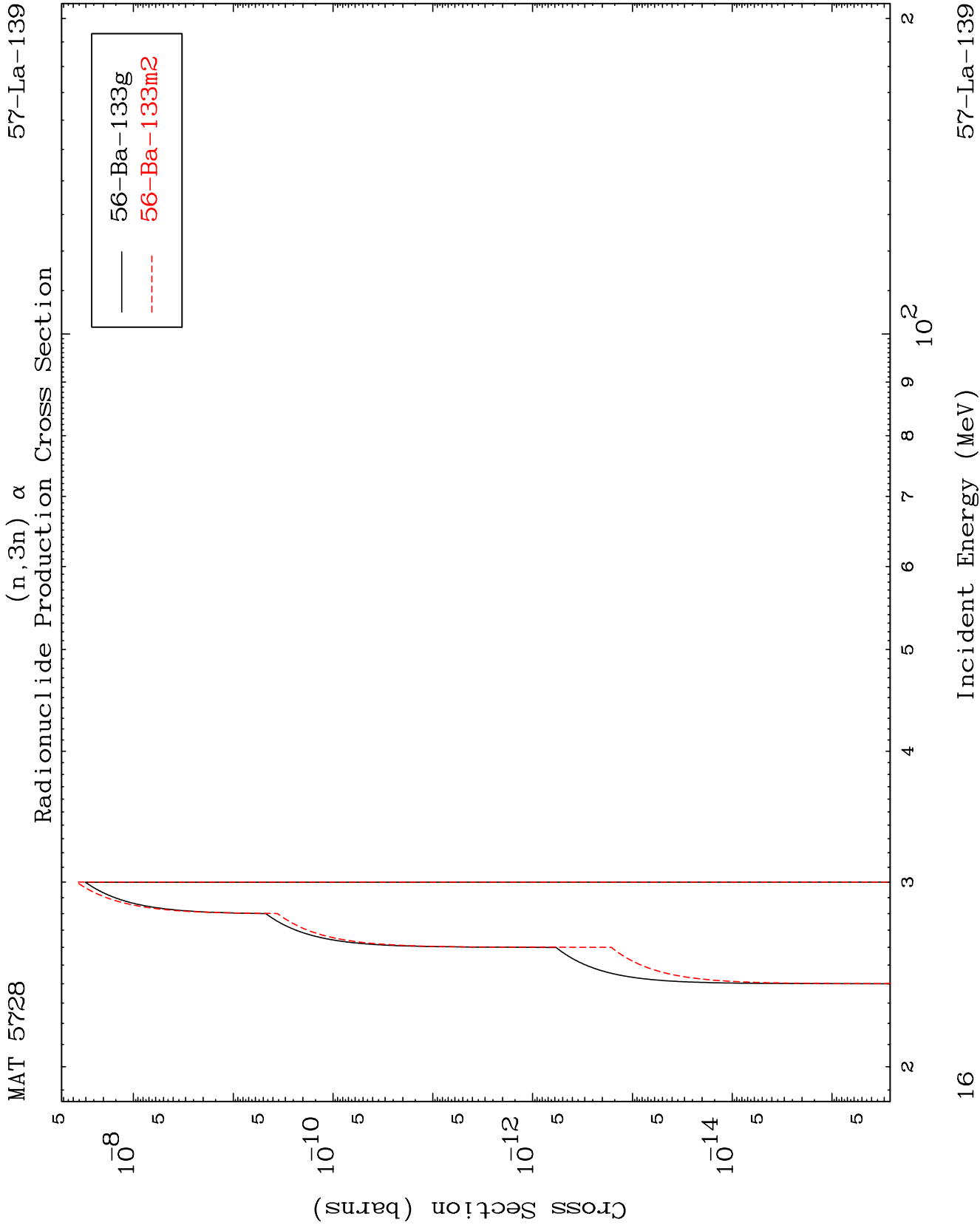
$(n,n') \alpha$
Radionuclide Production Cross Section



15

Incident Energy (MeV)

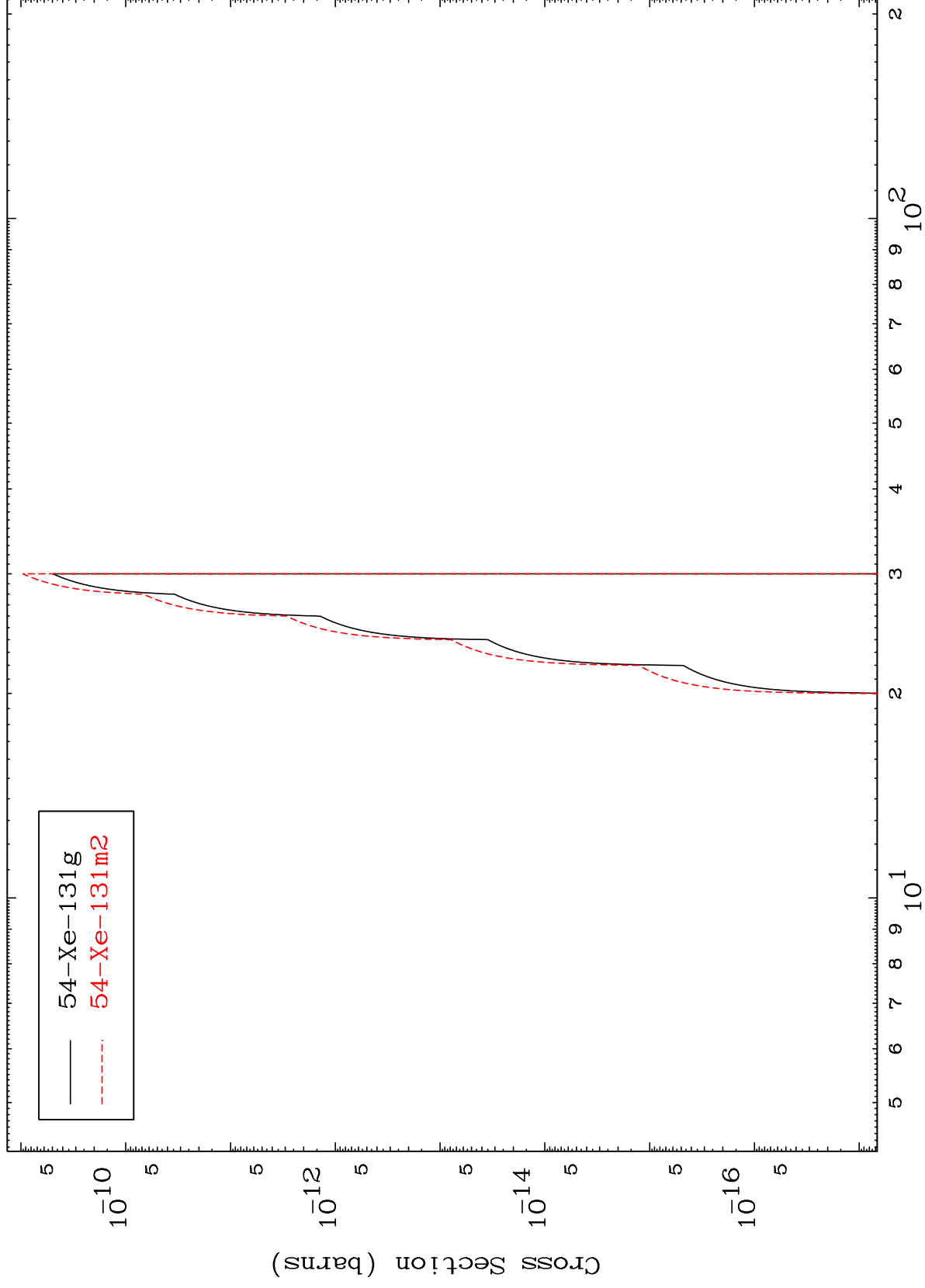
57-La-139



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(n,n') 2 α
Radionuclide Production Cross Section

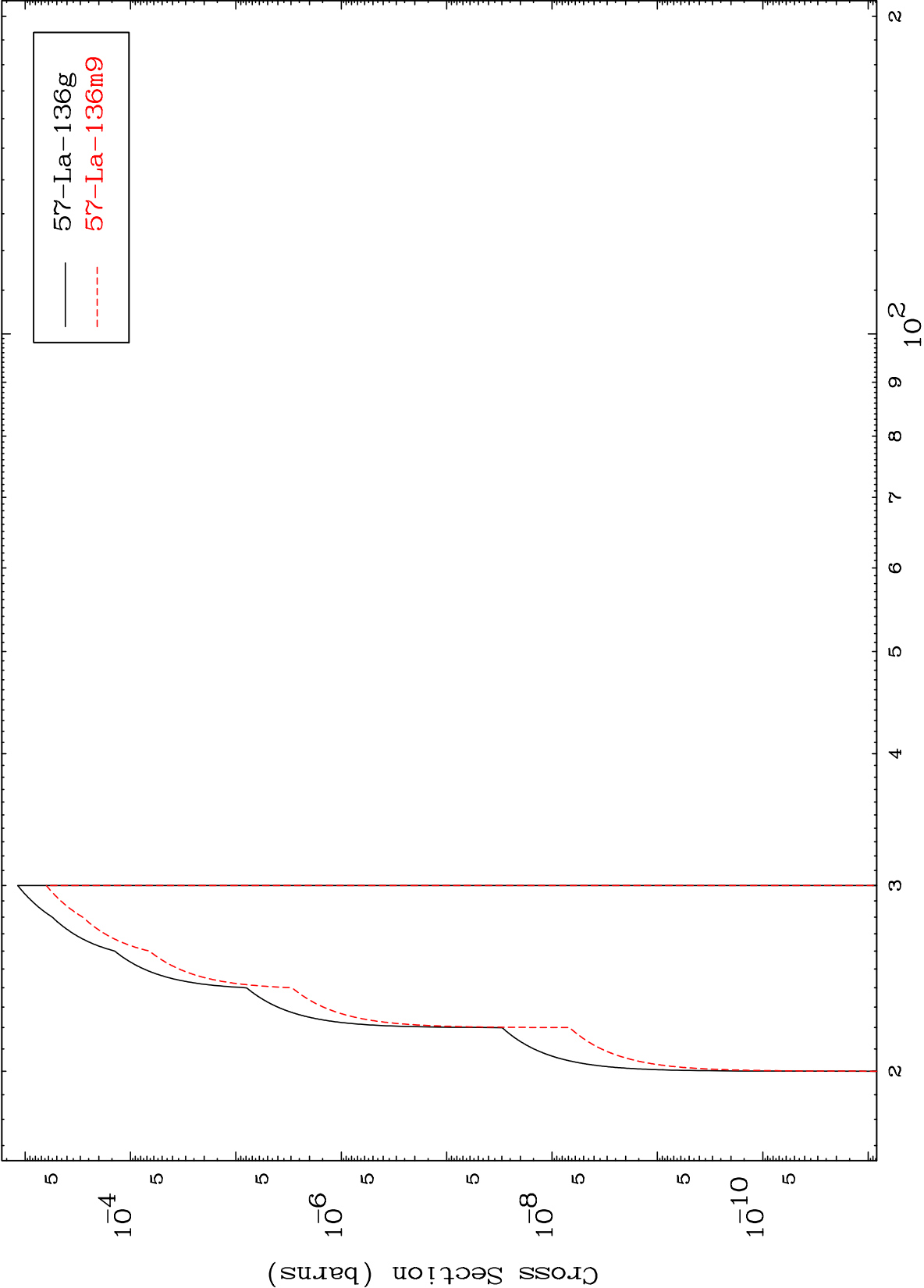


17

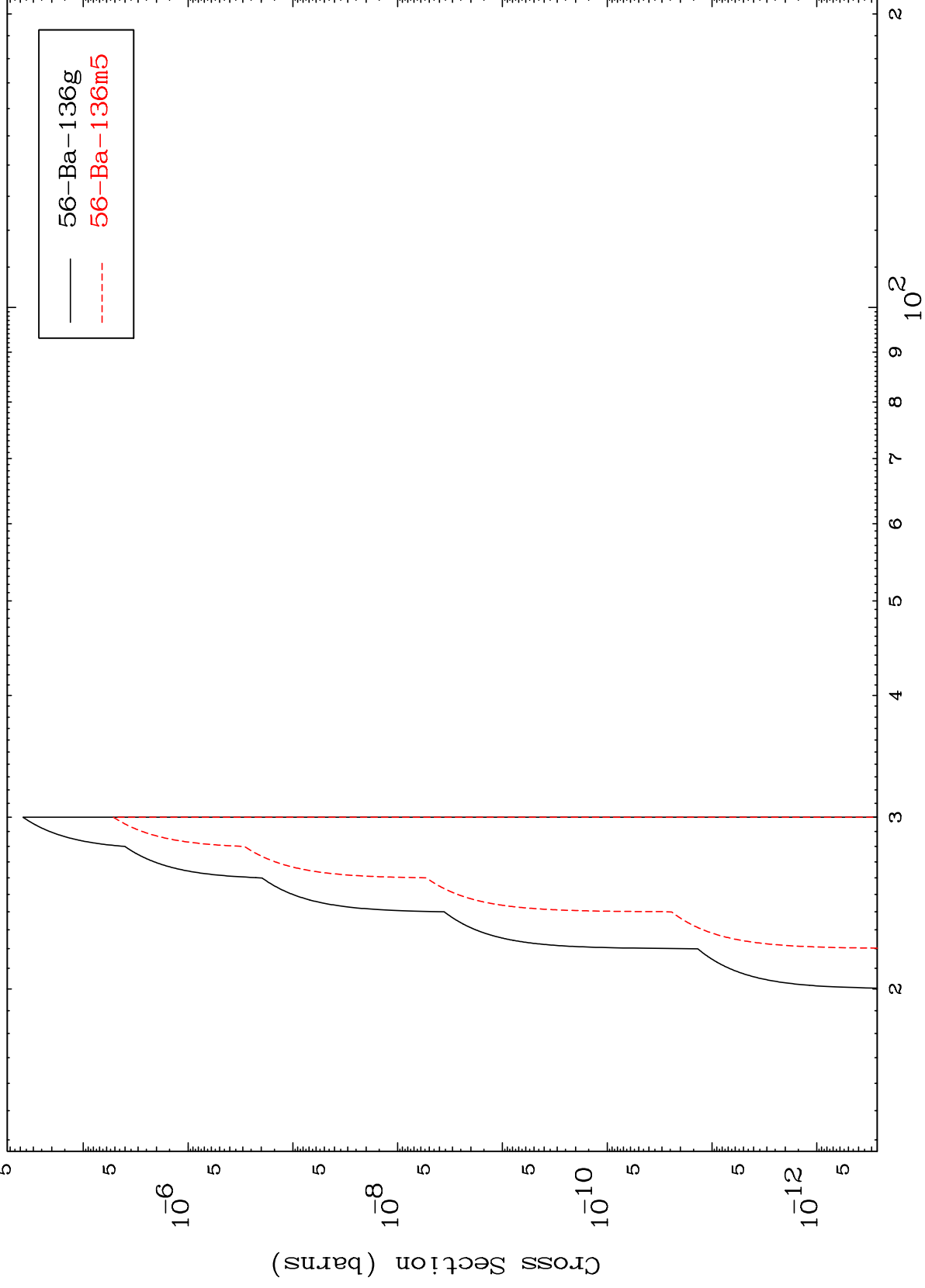
Incident Energy (MeV)

57-La-139

Radionuclide Production Cross Section



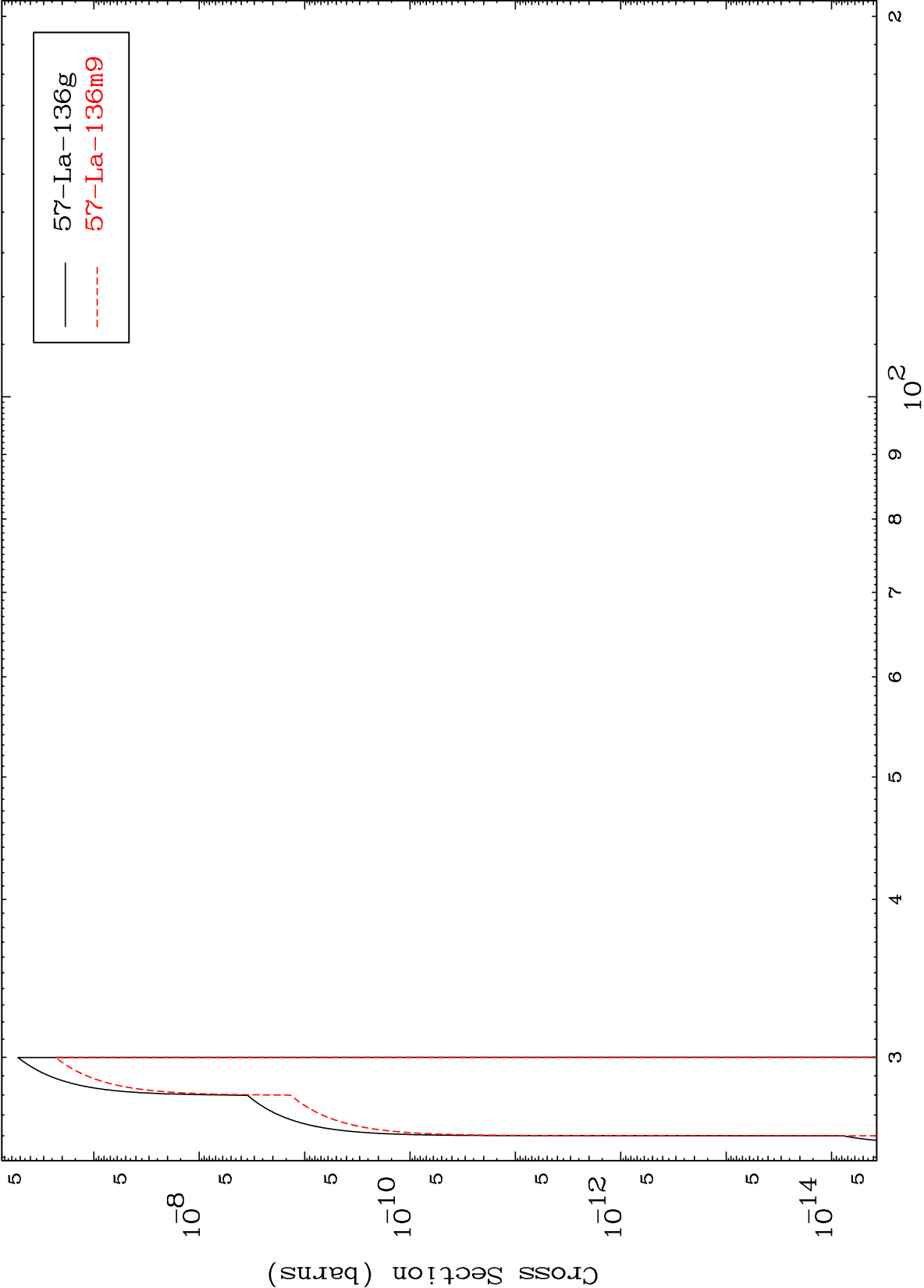
Radionuclide Production Cross Section



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(n,3n) p
Radionuclide Production Cross Section

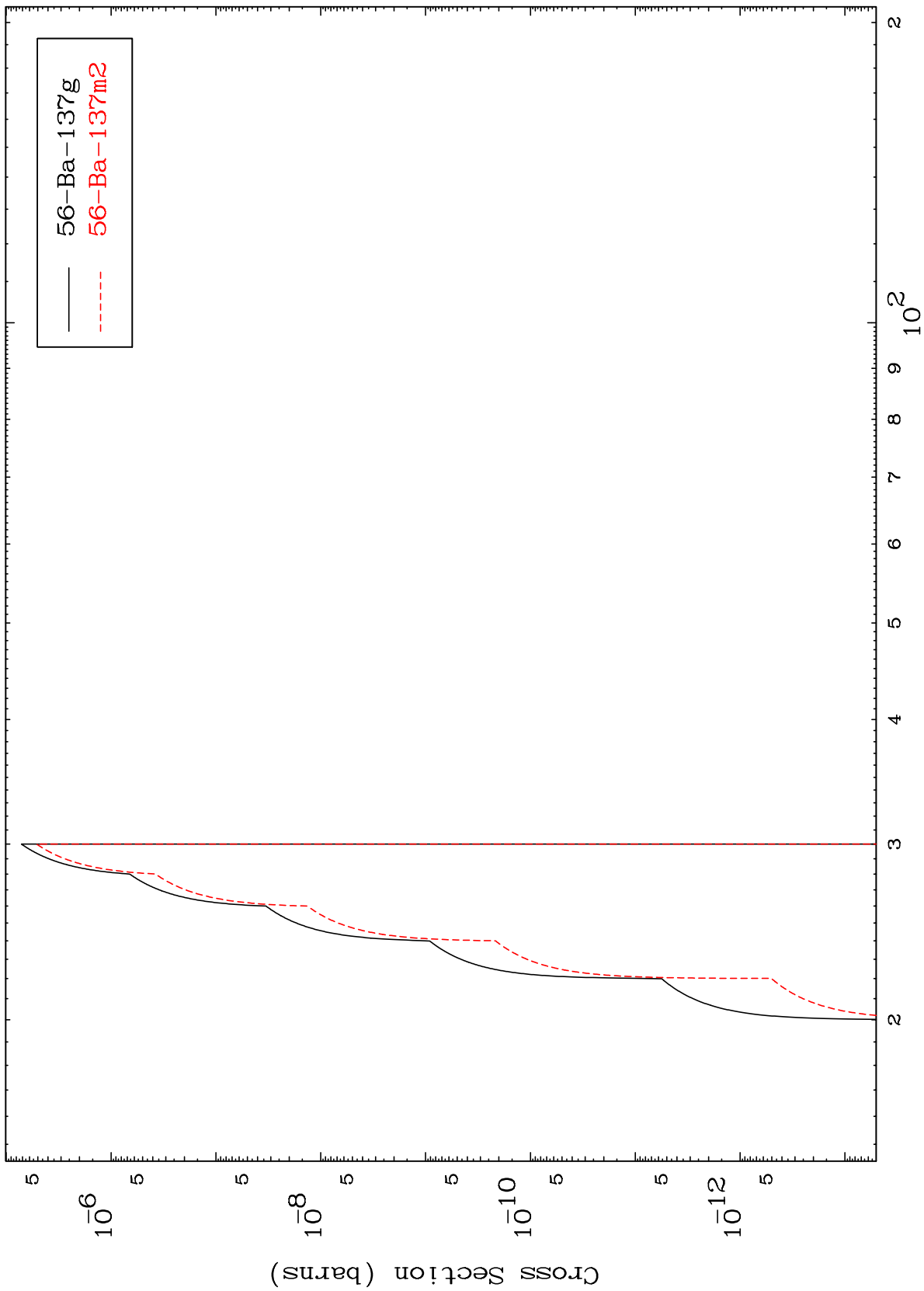


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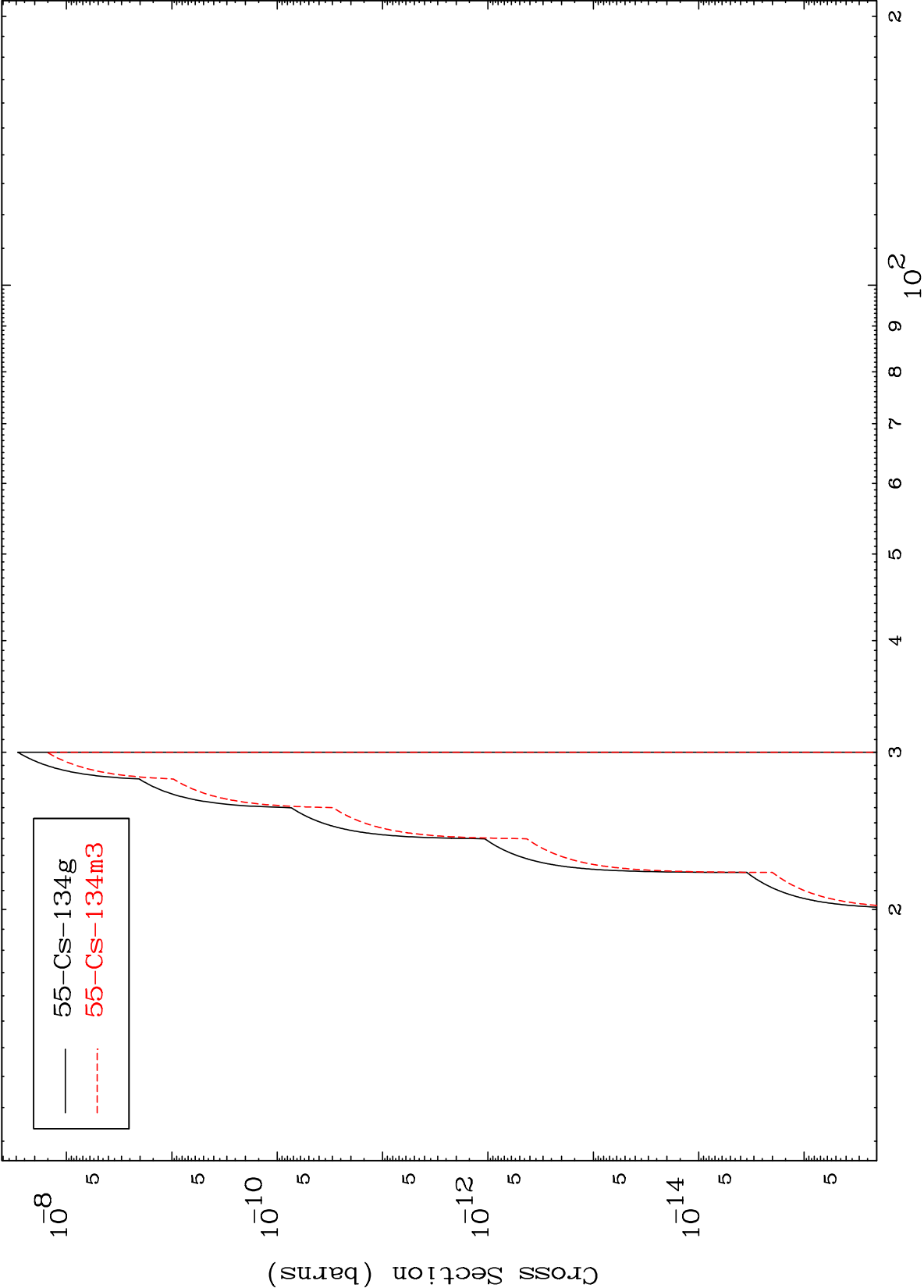
Incident Energy (MeV)

20

(n,2n) p
Radionuclide Production Cross Section



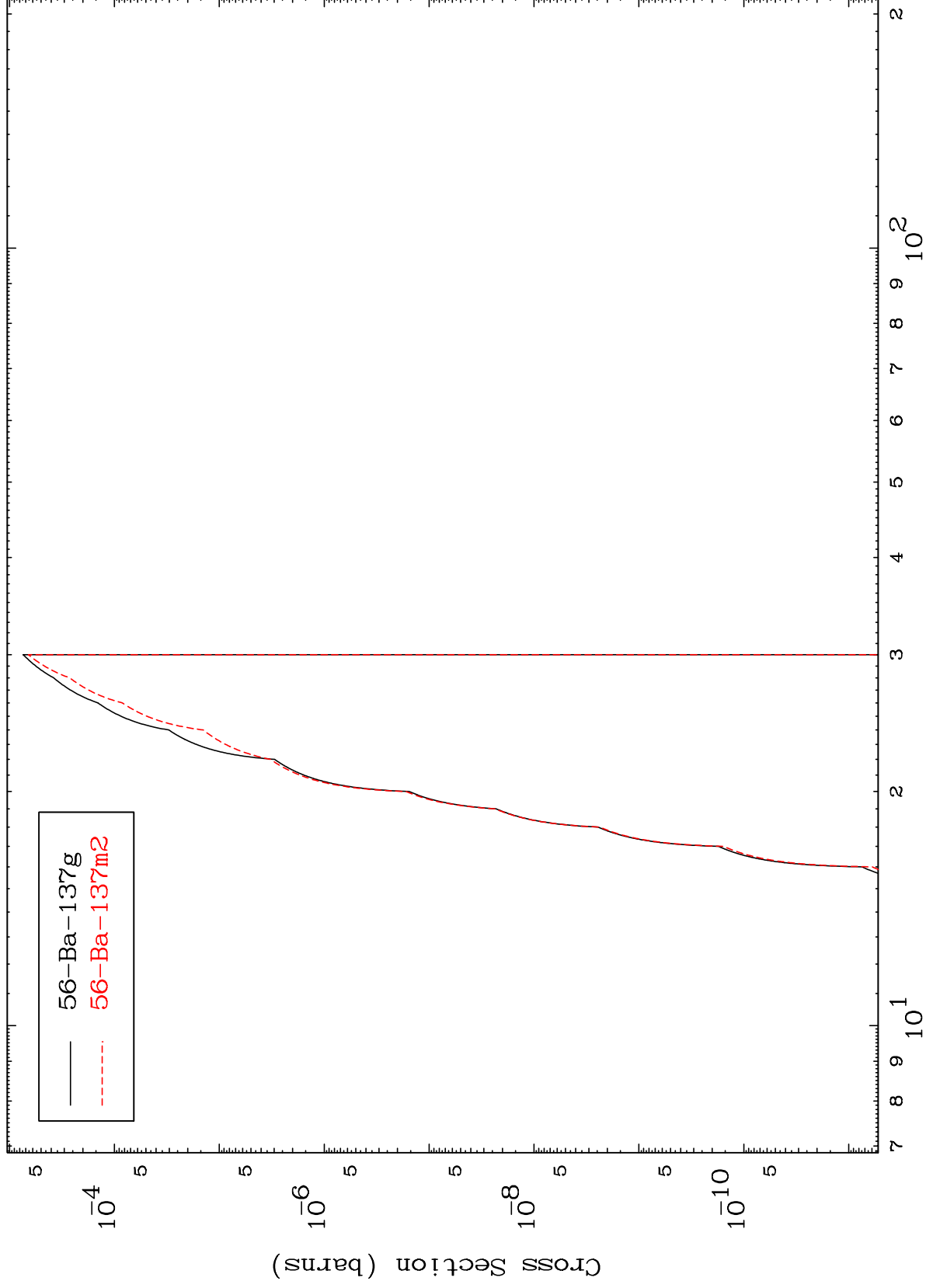
(n,n') p α
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(n,He-3)



57-La-139

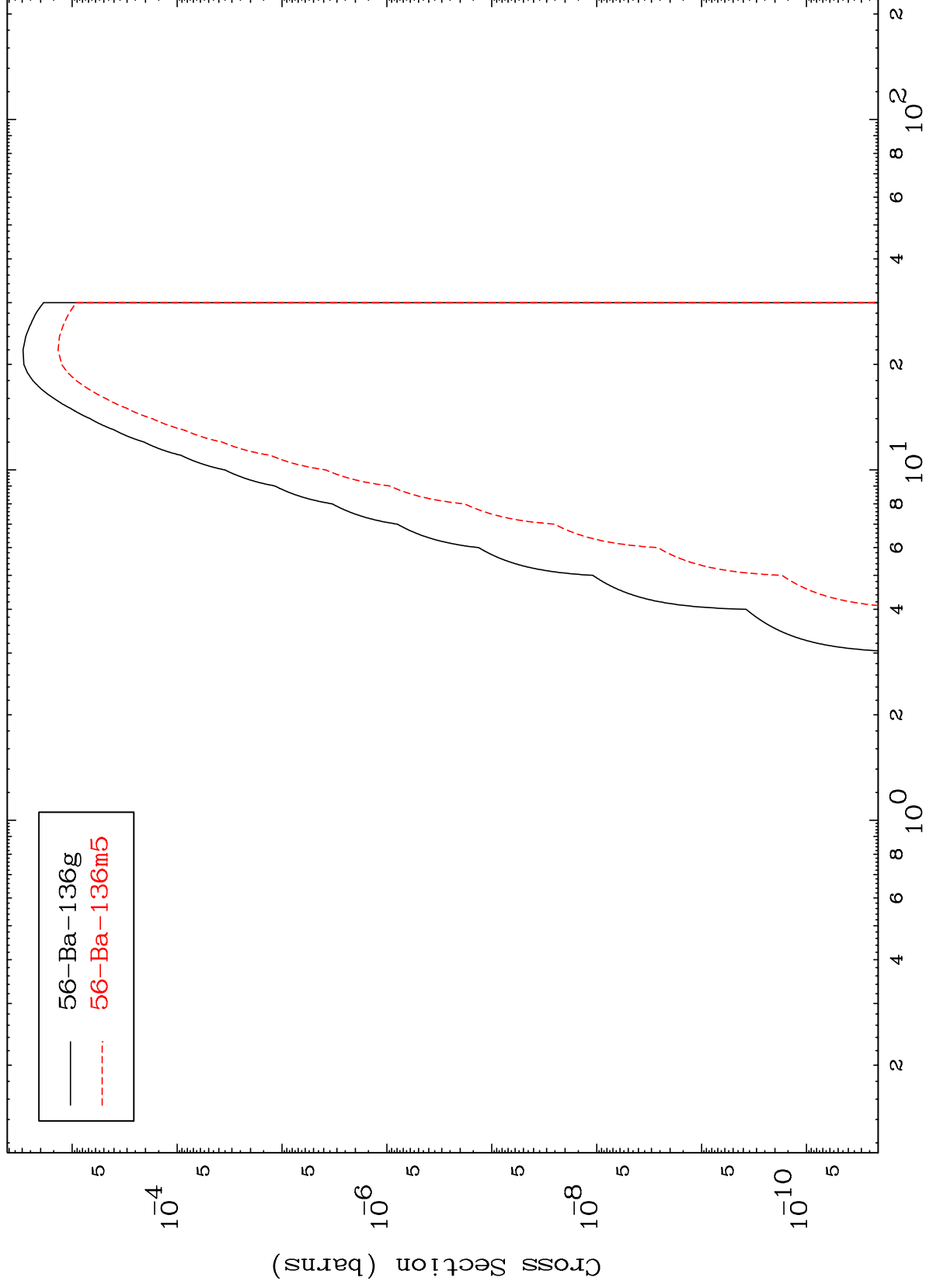
Incident Energy (MeV)

23

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57-La-139

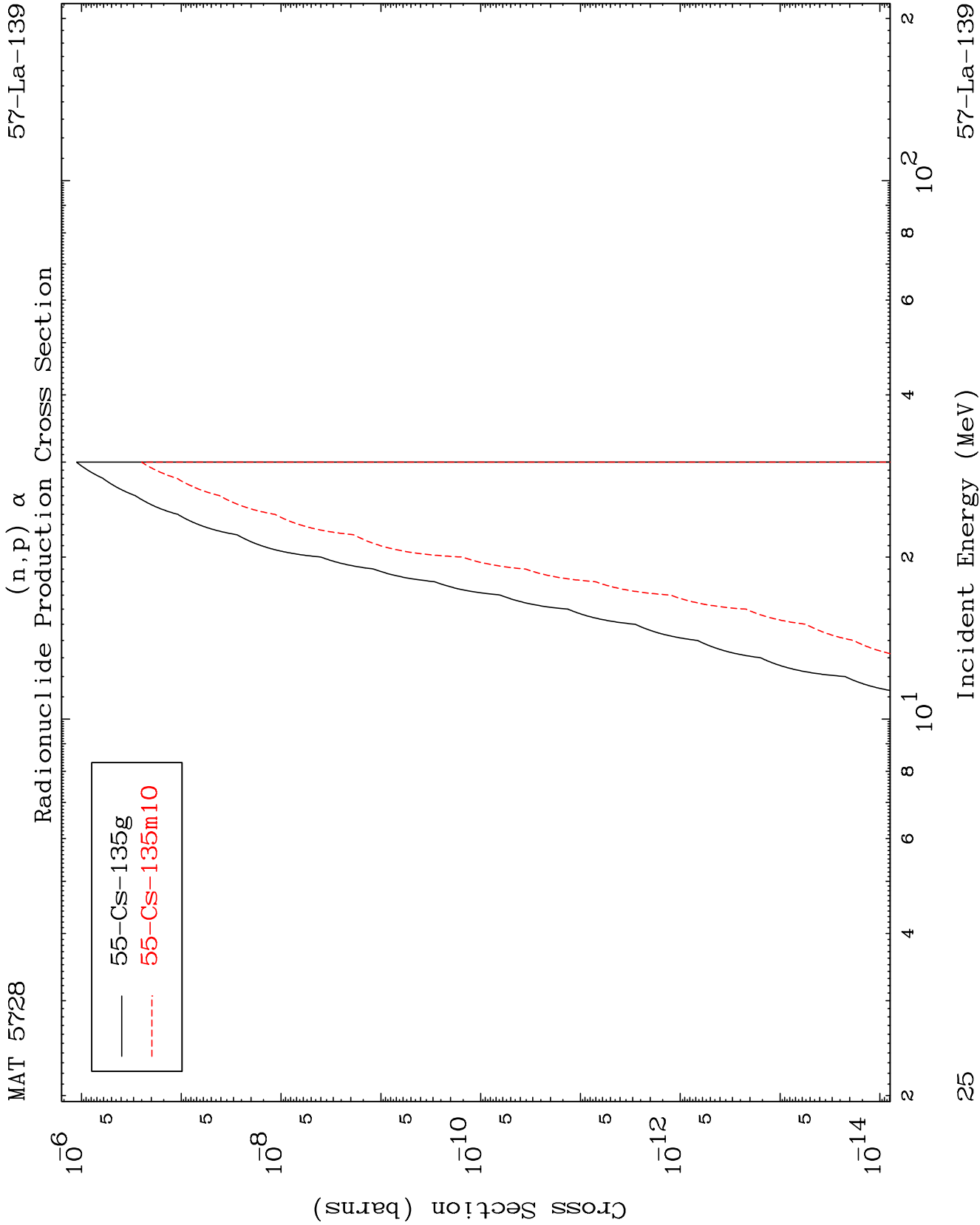
Radionuclide Production Cross Section



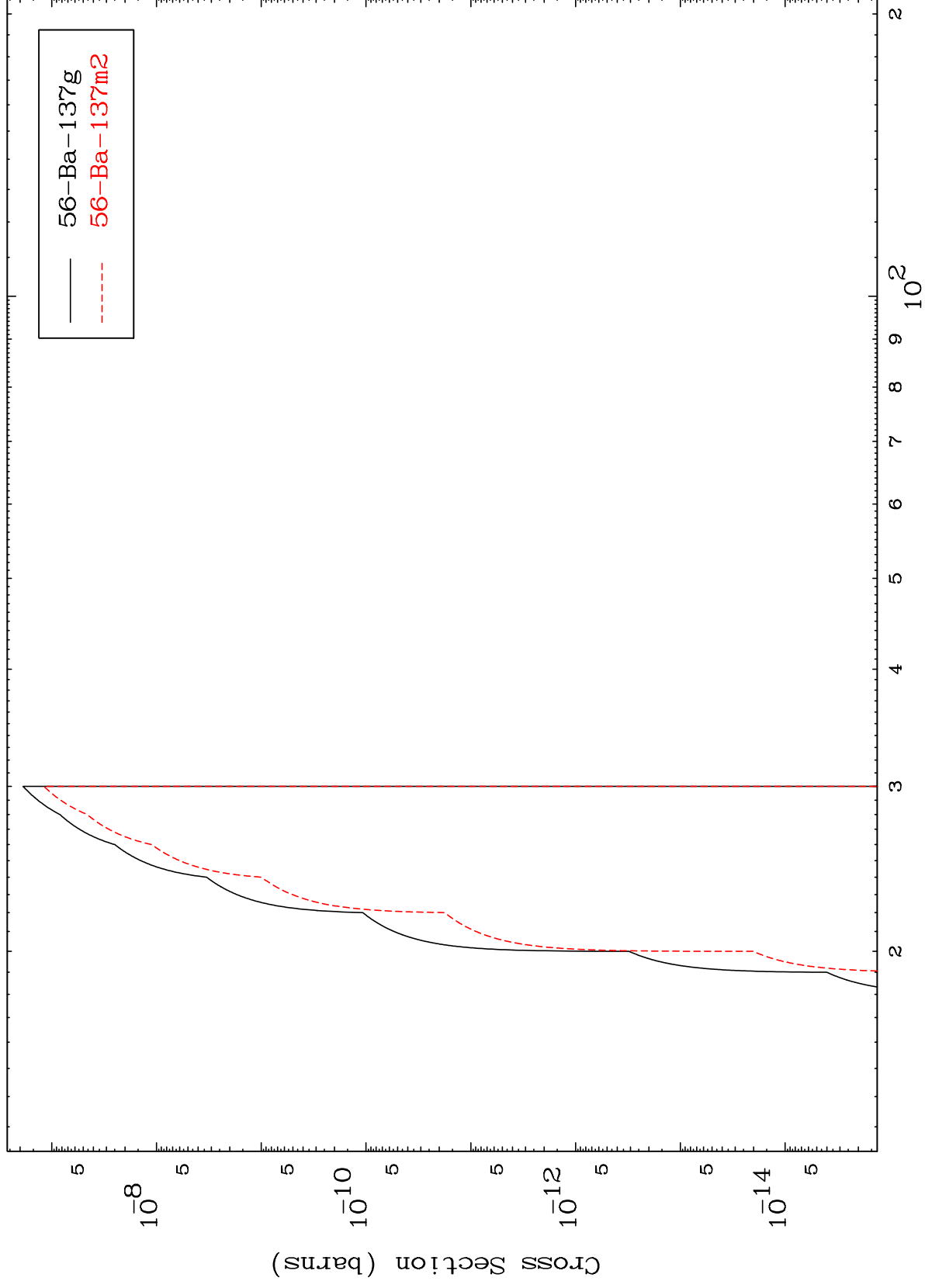
24

Incident Energy (MeV)

57-La-139



(n,p) d
Radionuclide Production Cross Section



Radionuclide Production Cross Section

