

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

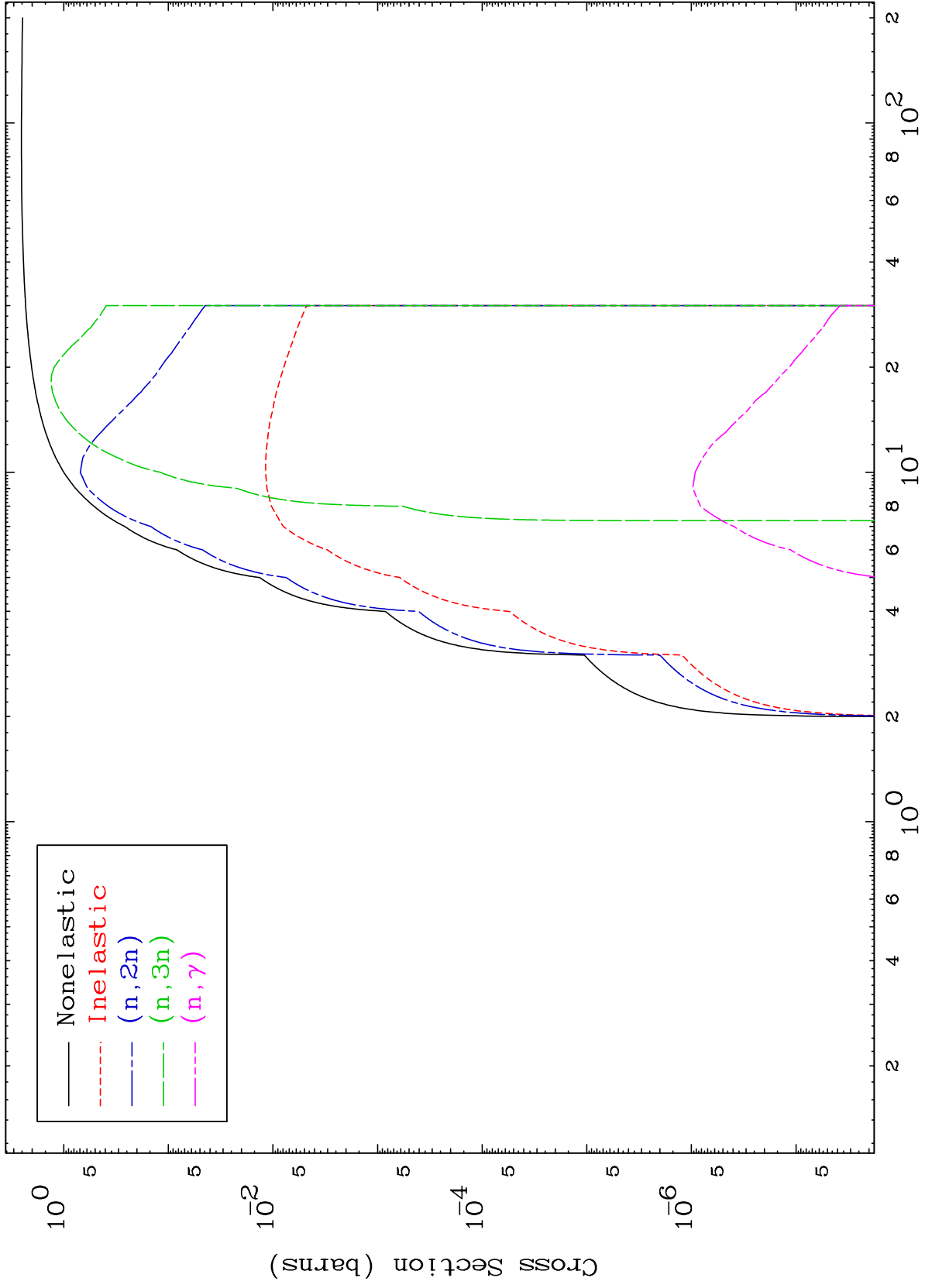
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

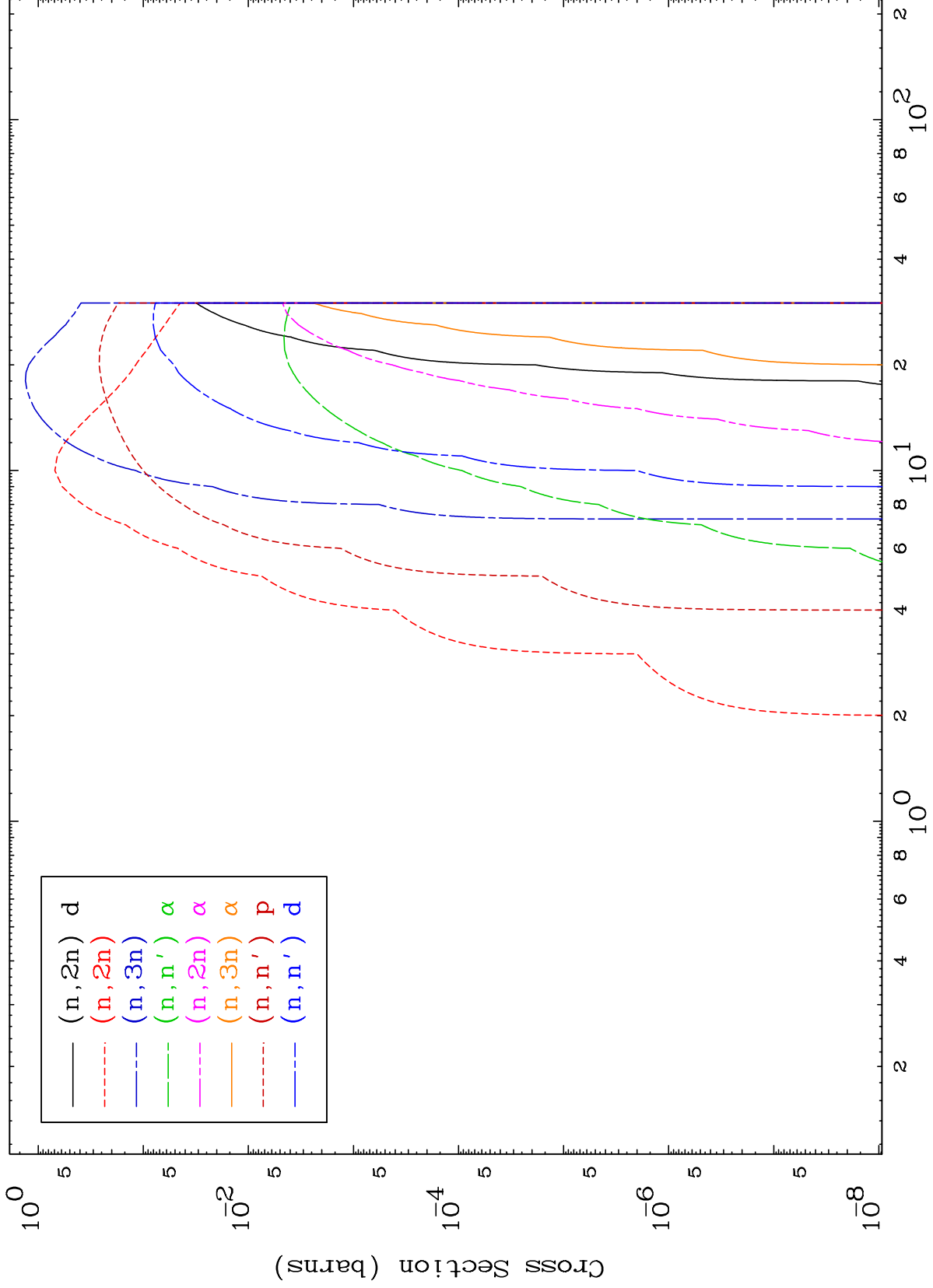
Tele: 925-443-1911

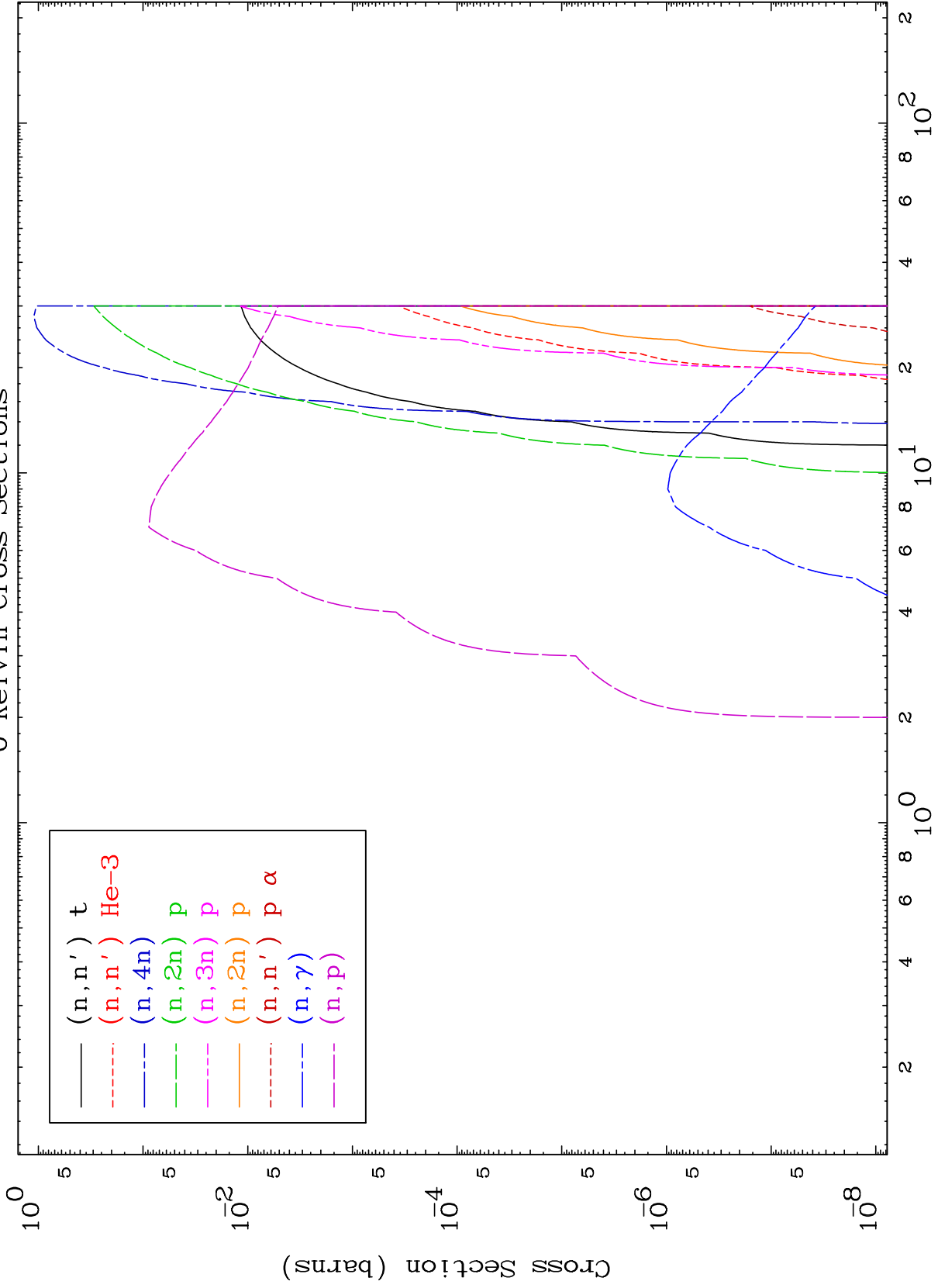
E.Mail:redcullen1@comcast.net

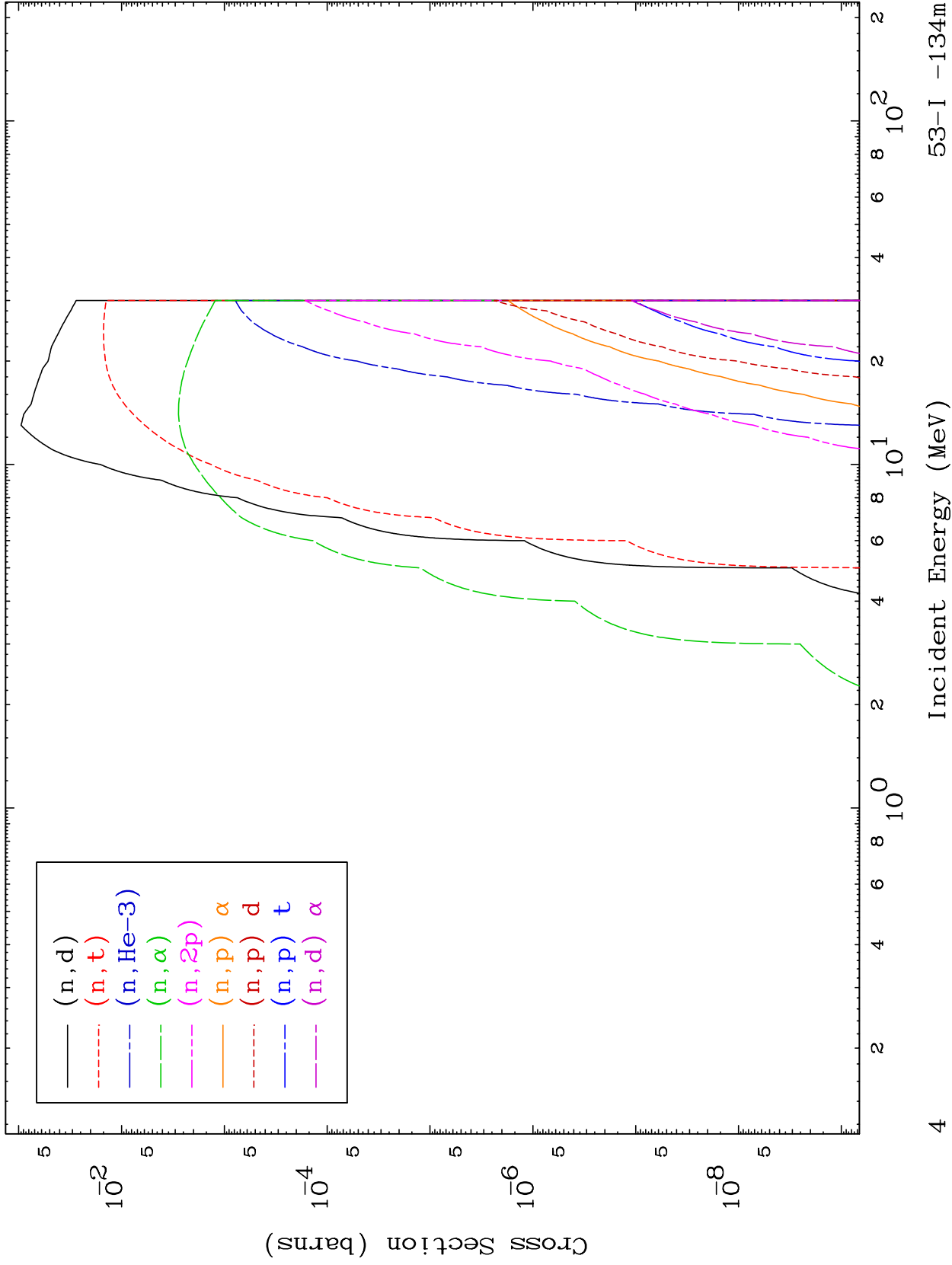
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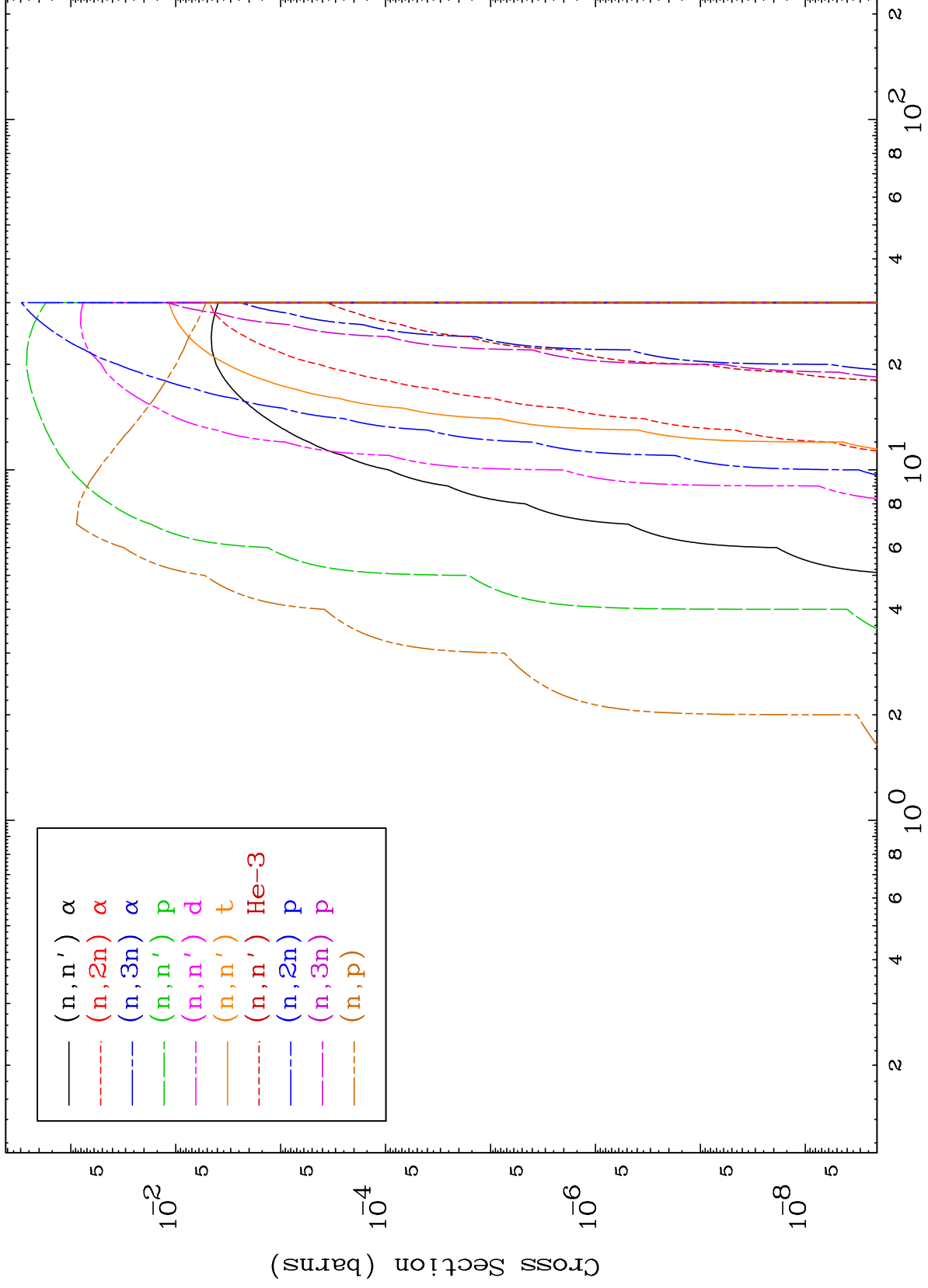
Press Mouse Button to Start

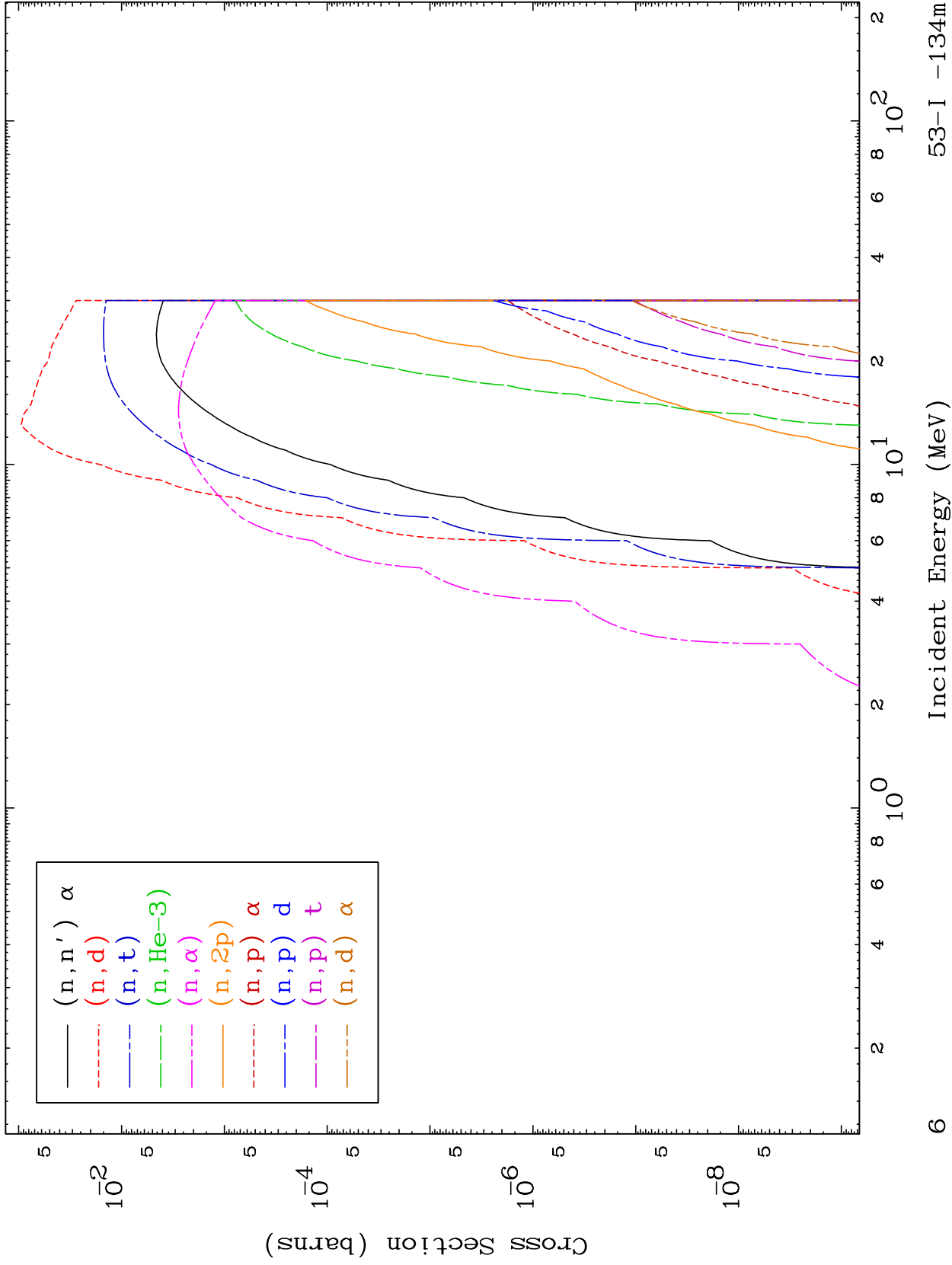










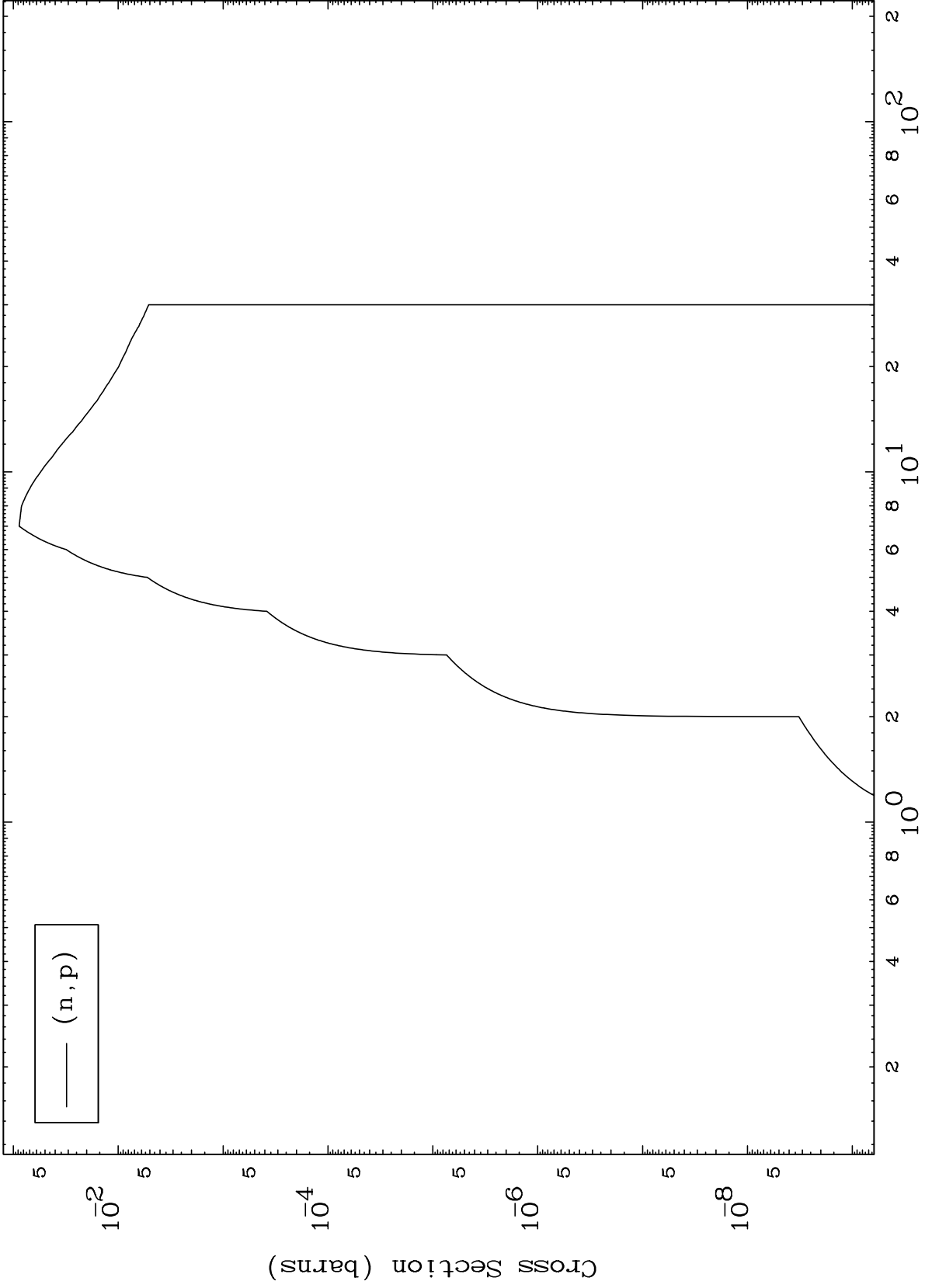


MAT 5347

(d,p) Levels

53-I -134m

0 Kelvin Cross Sections

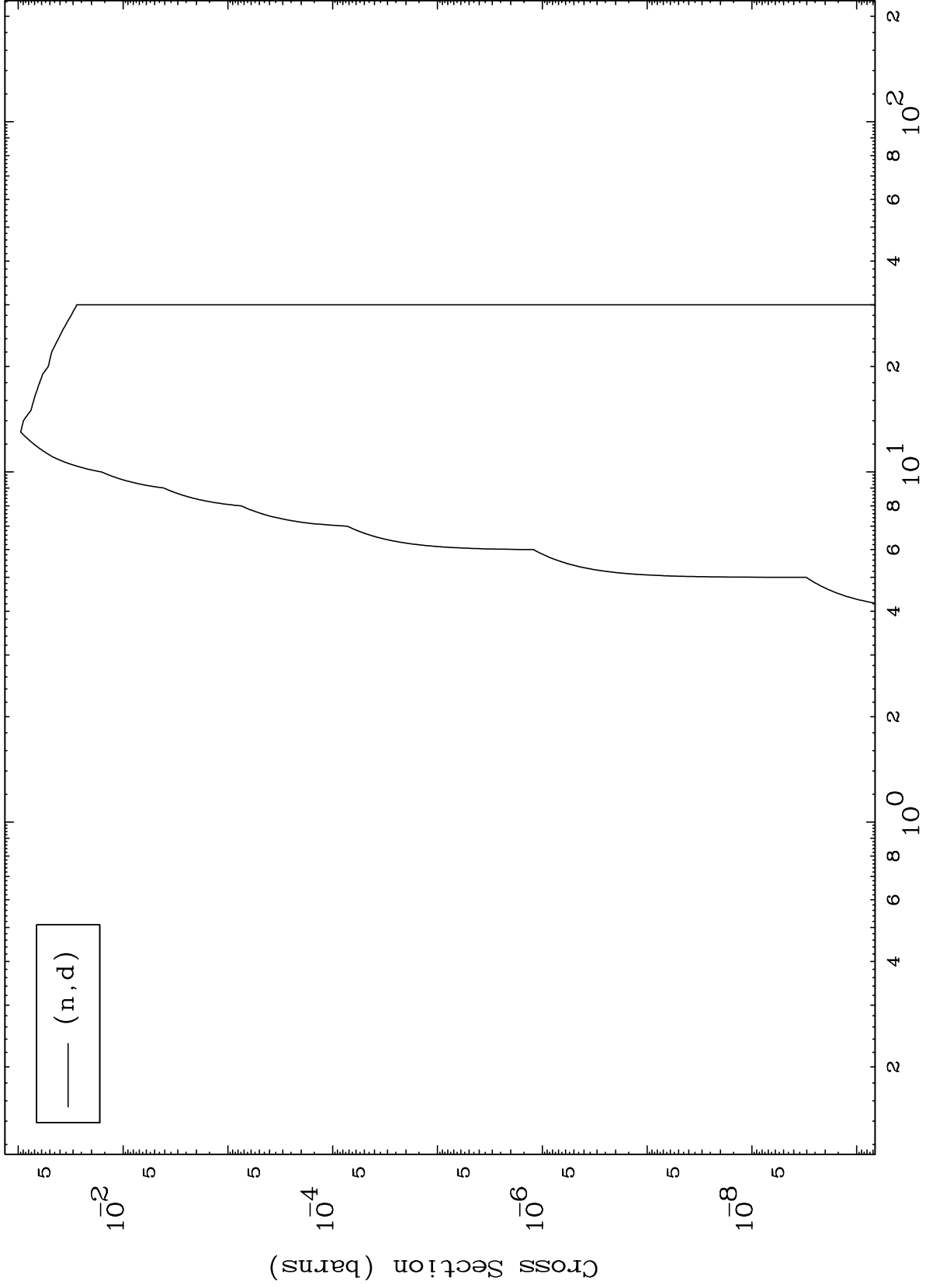


MAT 5347

(d,d) Levels

0 Kelvin Cross Sections

53-I -134m

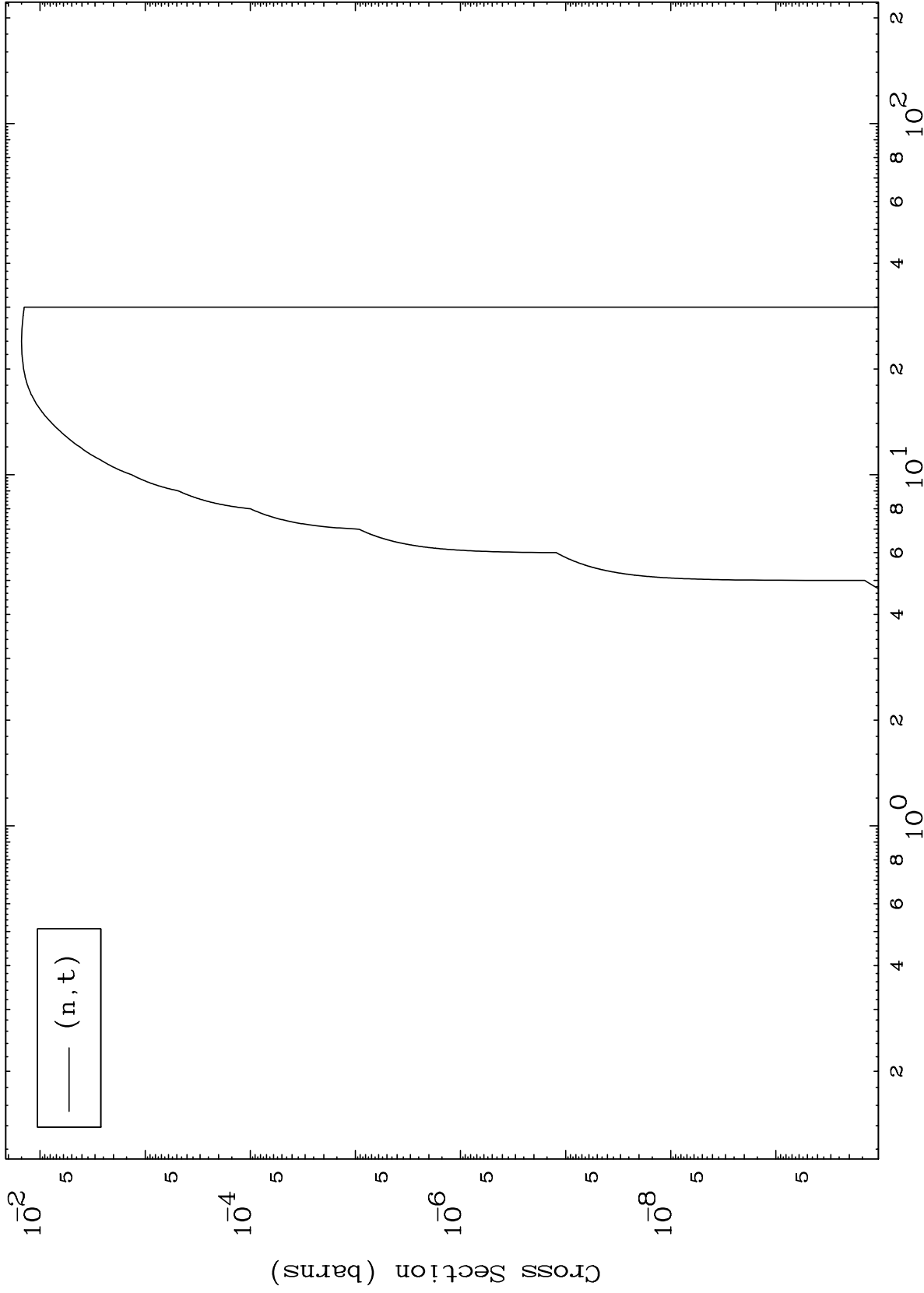


MAT 5347

(d,t) Levels

53-I -134m

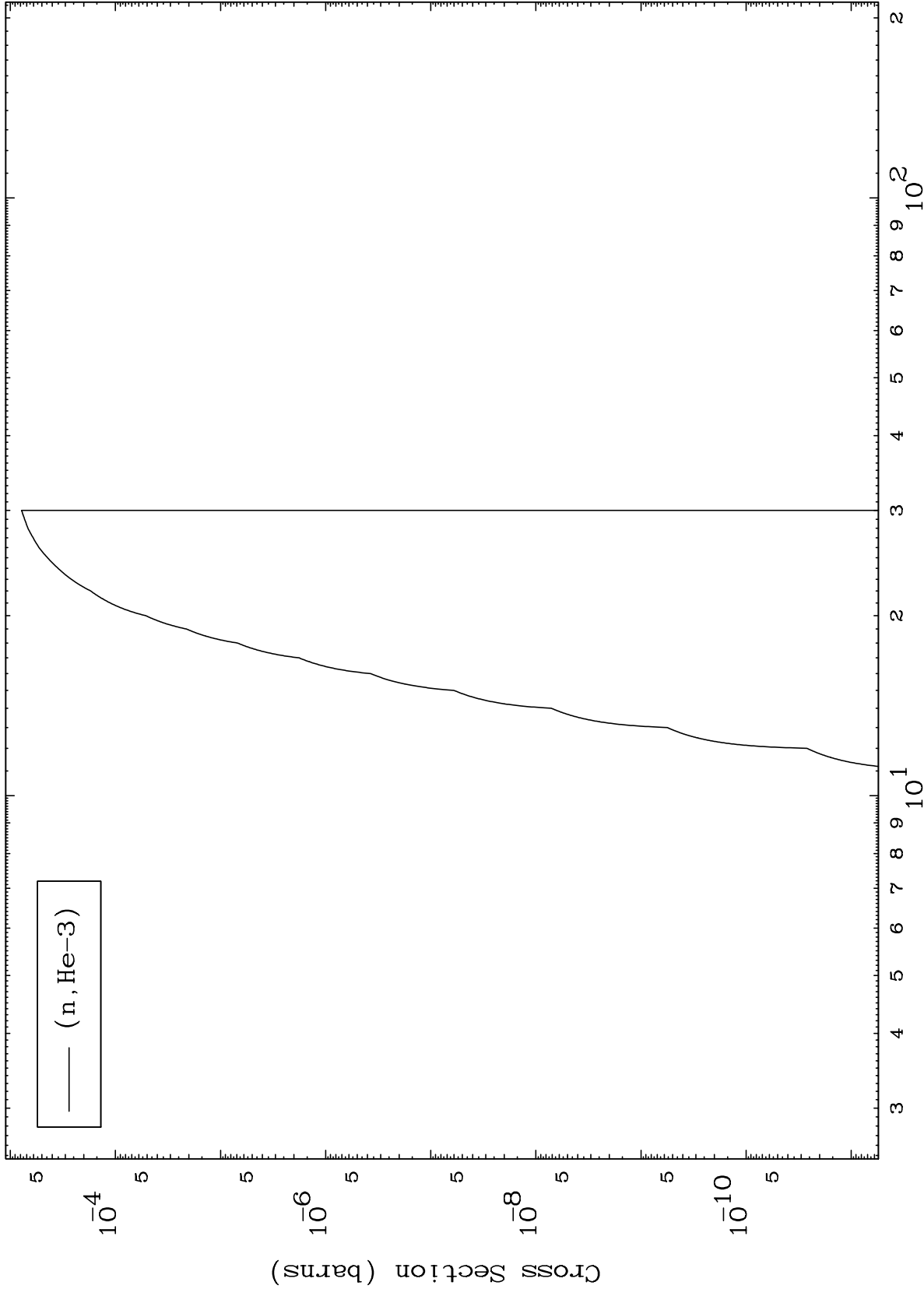
0 Kelvin Cross Sections



MAT 5347

(d,He3) Levels
0 Kelvin Cross Sections

53-I -134m



10

Incident Energy (MeV)

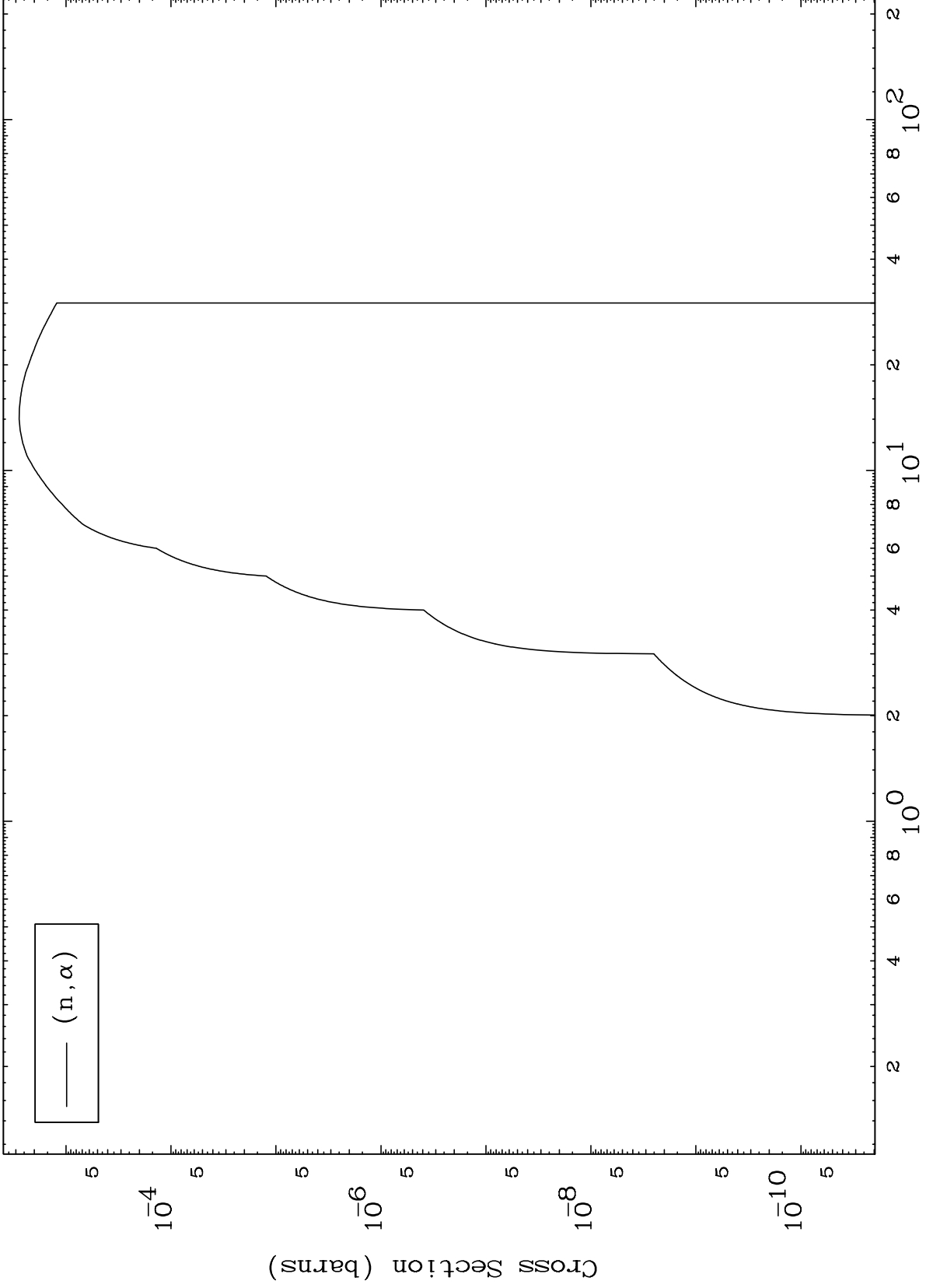
53-I -134m

MAT 5347

(d, α) Levels

53-I -134m

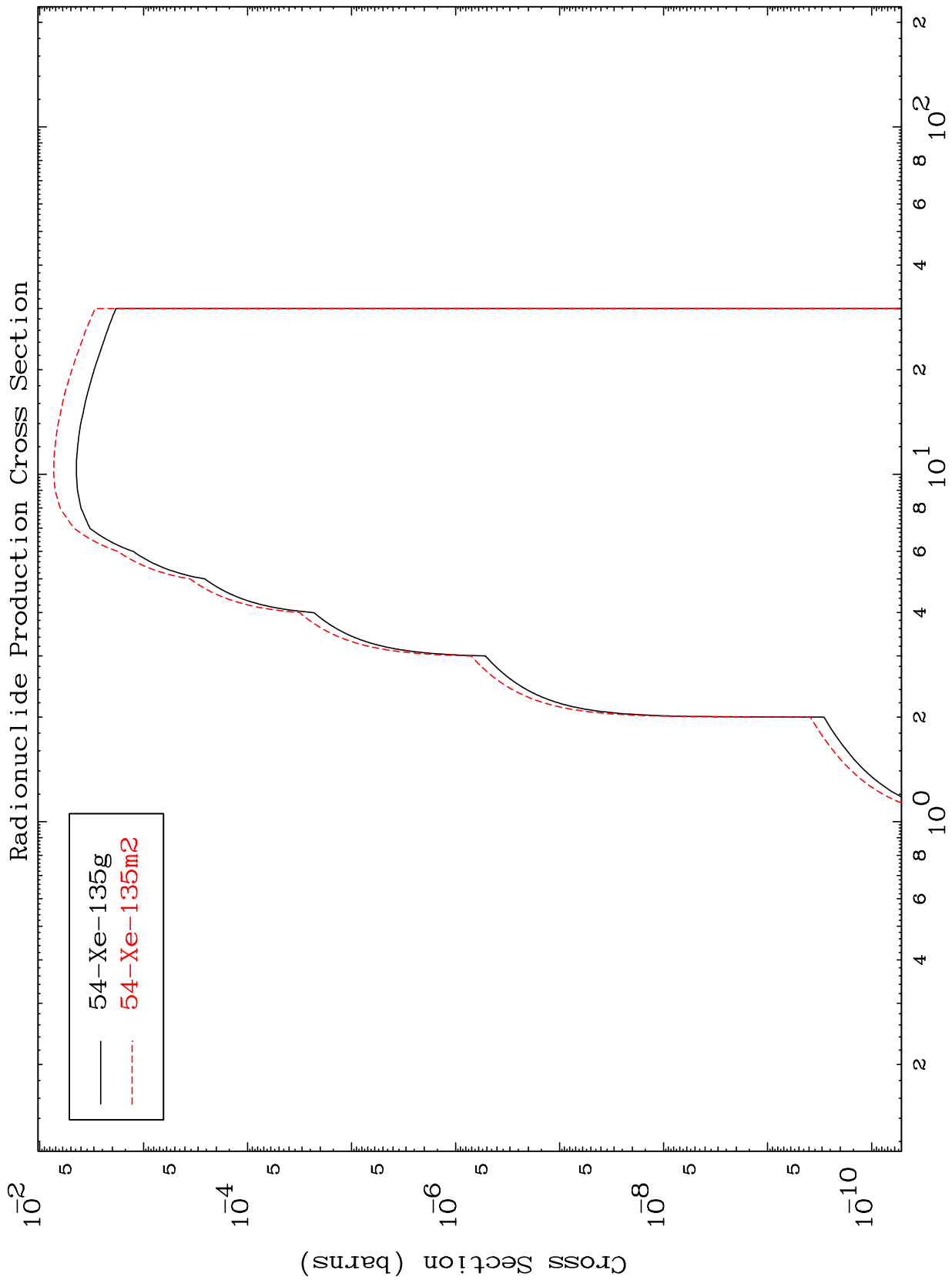
0 Kelvin Cross Sections



MAT 5347

53-I -134m

Inelastic
Radionuclide Production Cross Section



— 54-Xe-135g
- - - 54-Xe-135m2

53-I -134m

Incident Energy (MeV)

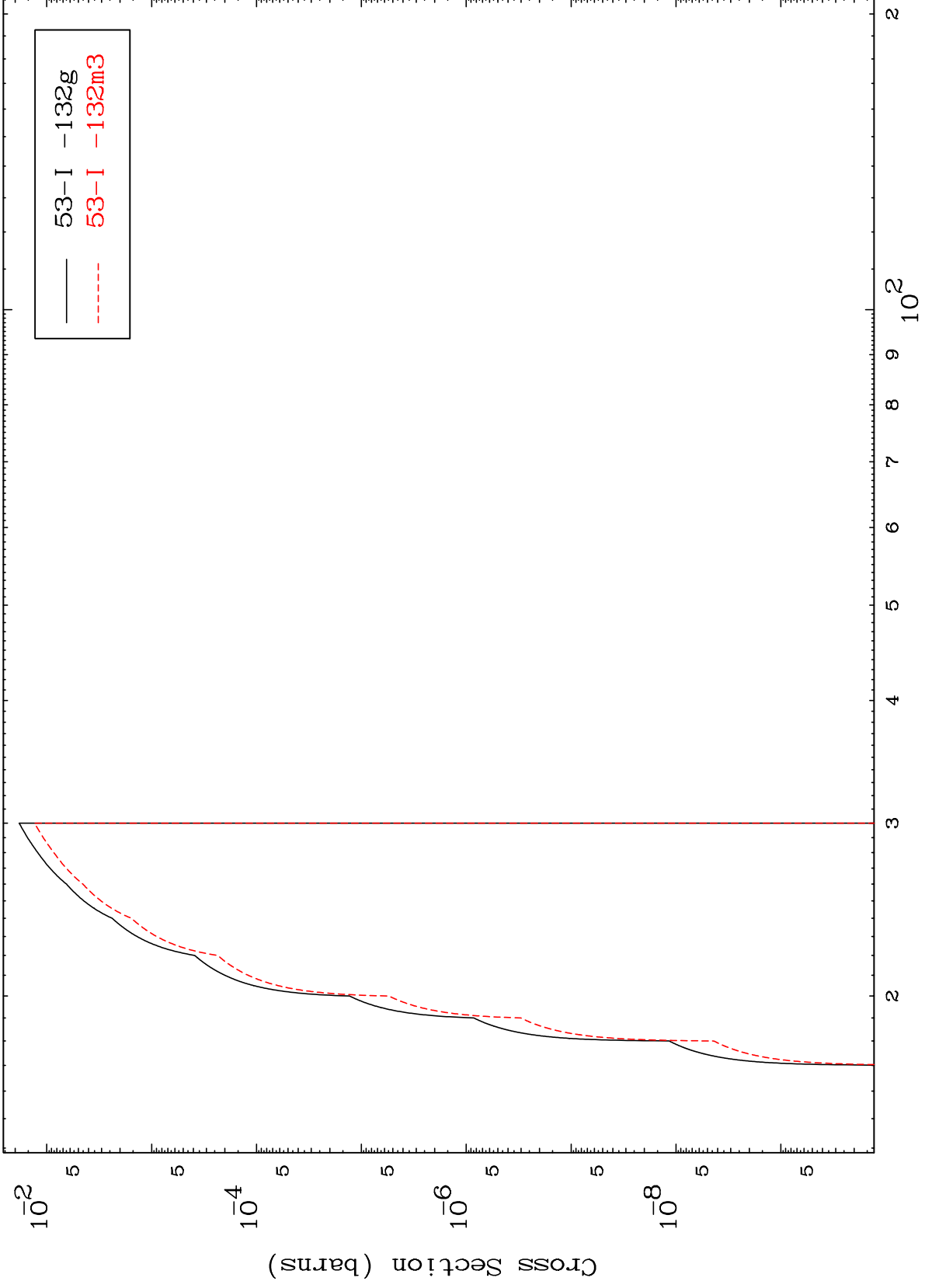
12

MAT 5347

(n,2n) d

53-I -134m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

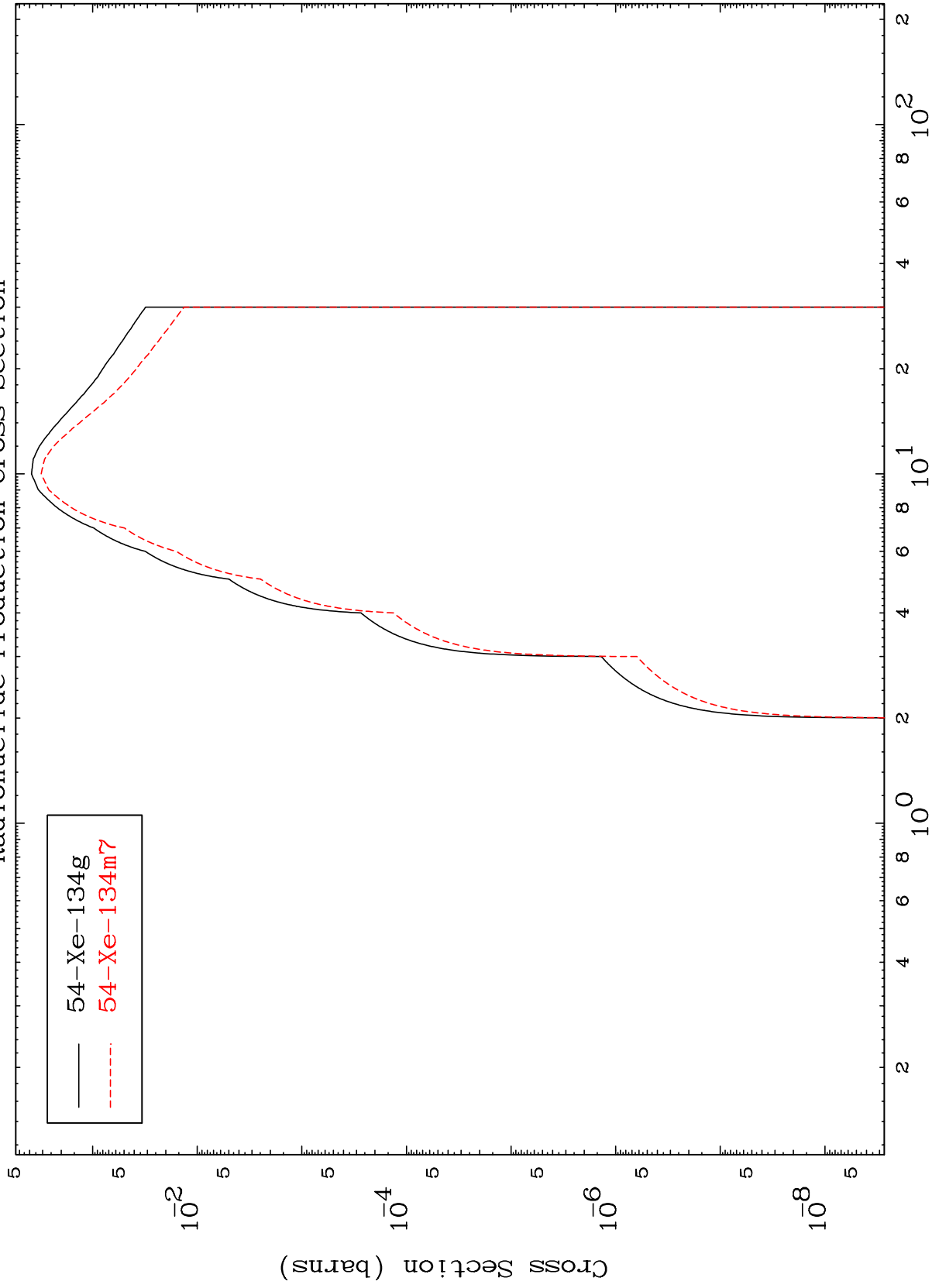
53-I -134m

MAT 5347

(n,2n)

53-I -134m

Radionuclide Production Cross Section



14

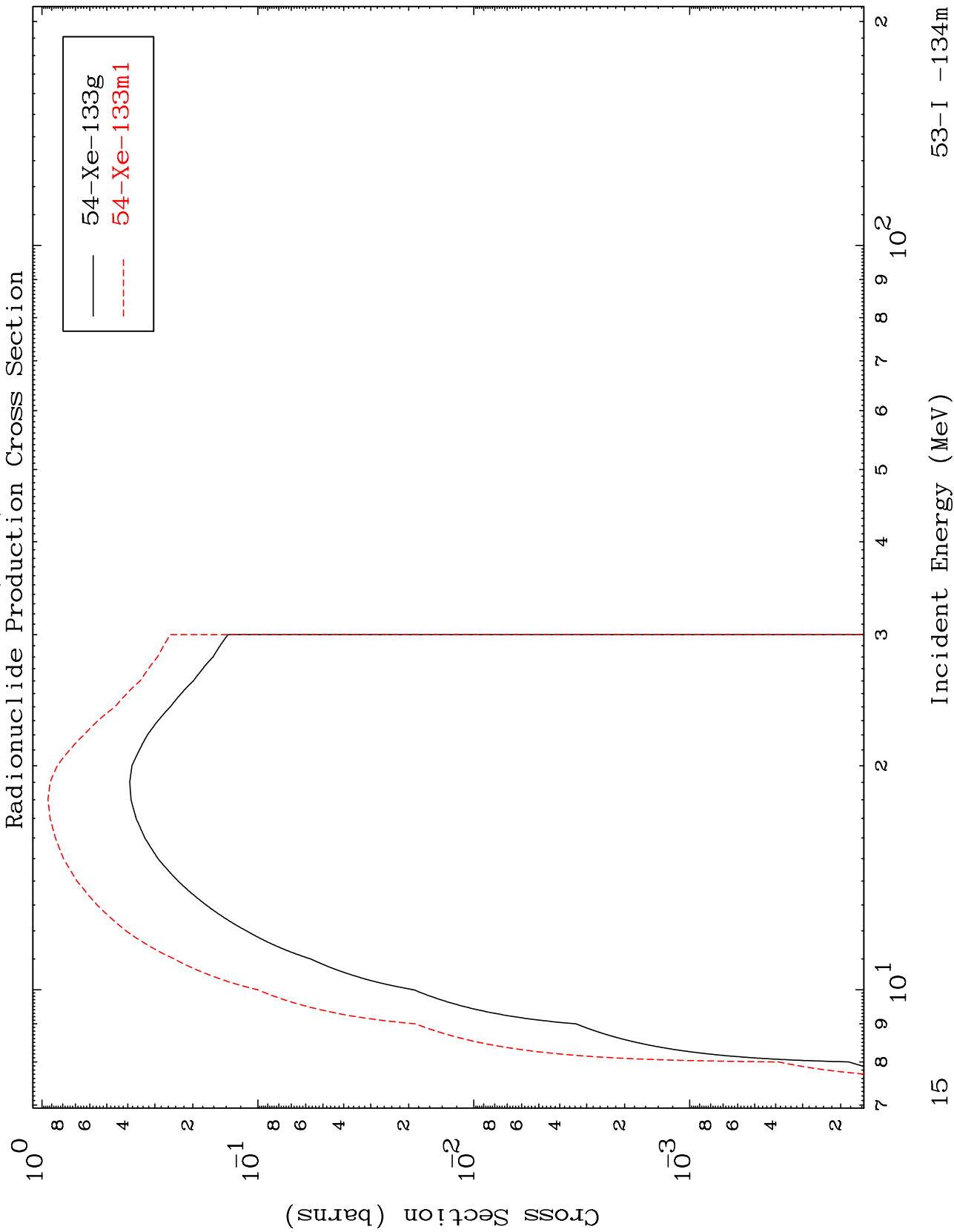
Incident Energy (MeV)

53-I -134m

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(n,3n)

53-I -134m



15

Incident Energy (MeV)

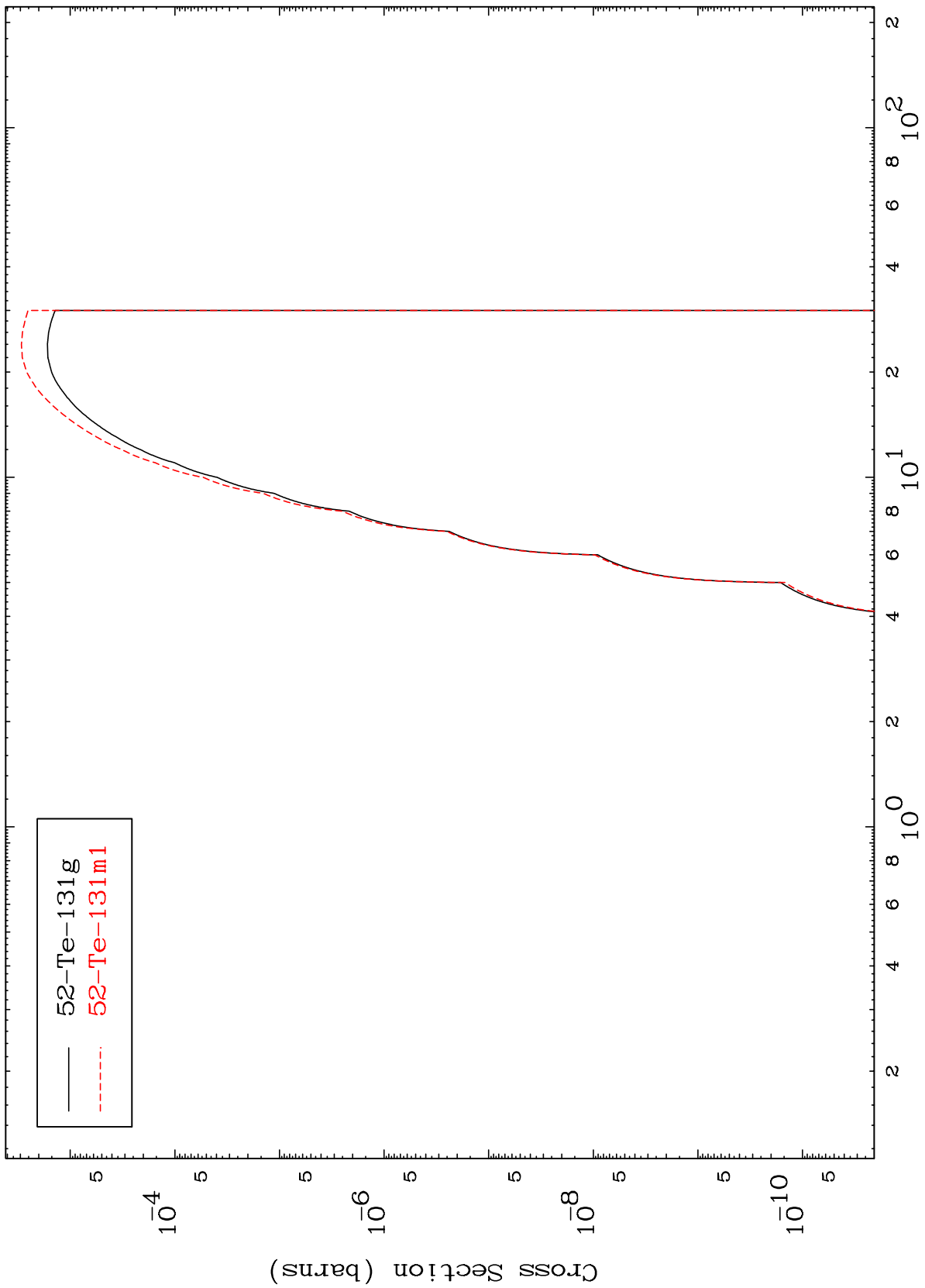
53-I -134m

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(n,n') α

53-I -134m

Radionuclide Production Cross Section

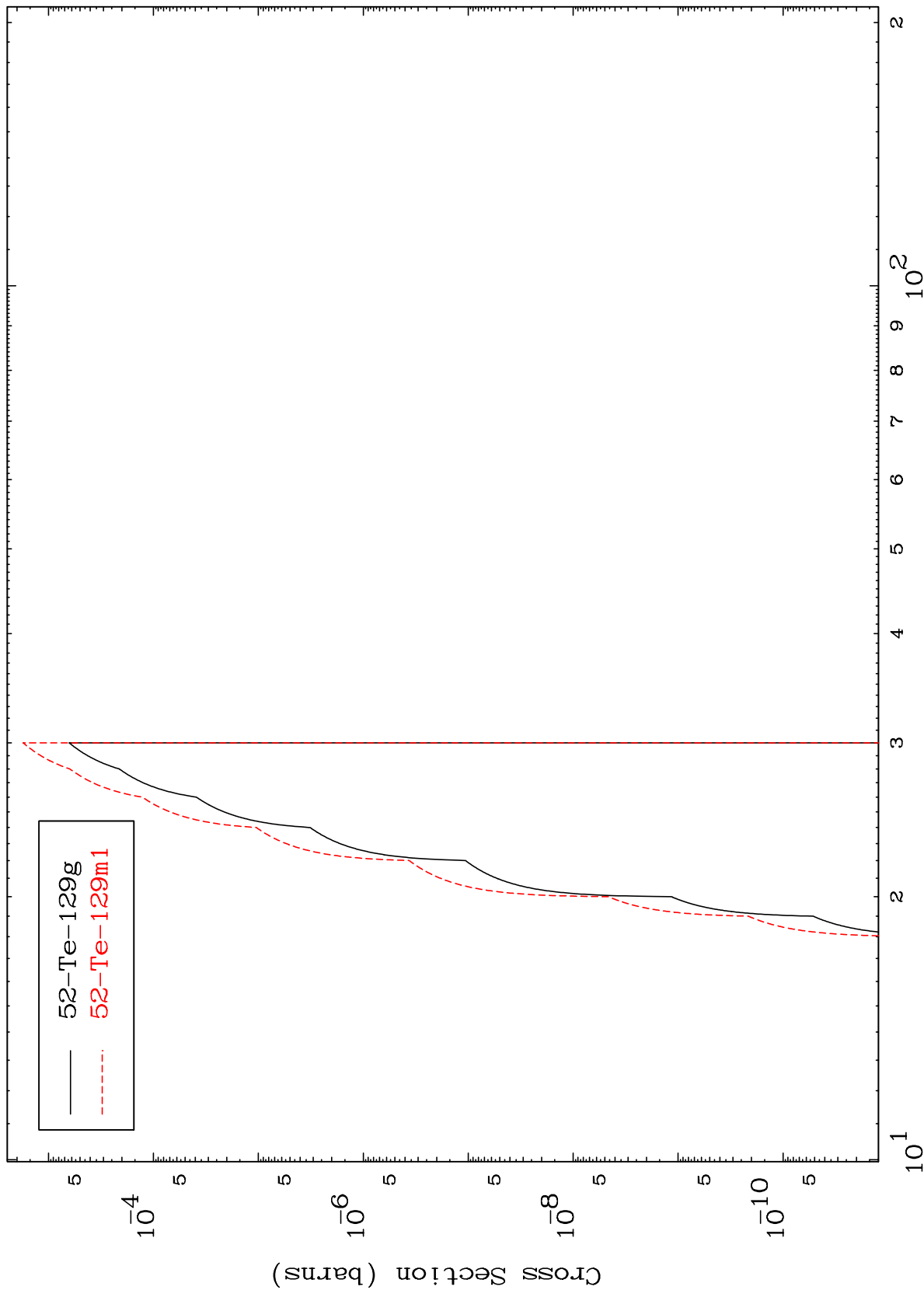


MAT 5347

(n,3n) α

53-I -134m

Radionuclide Production Cross Section



17

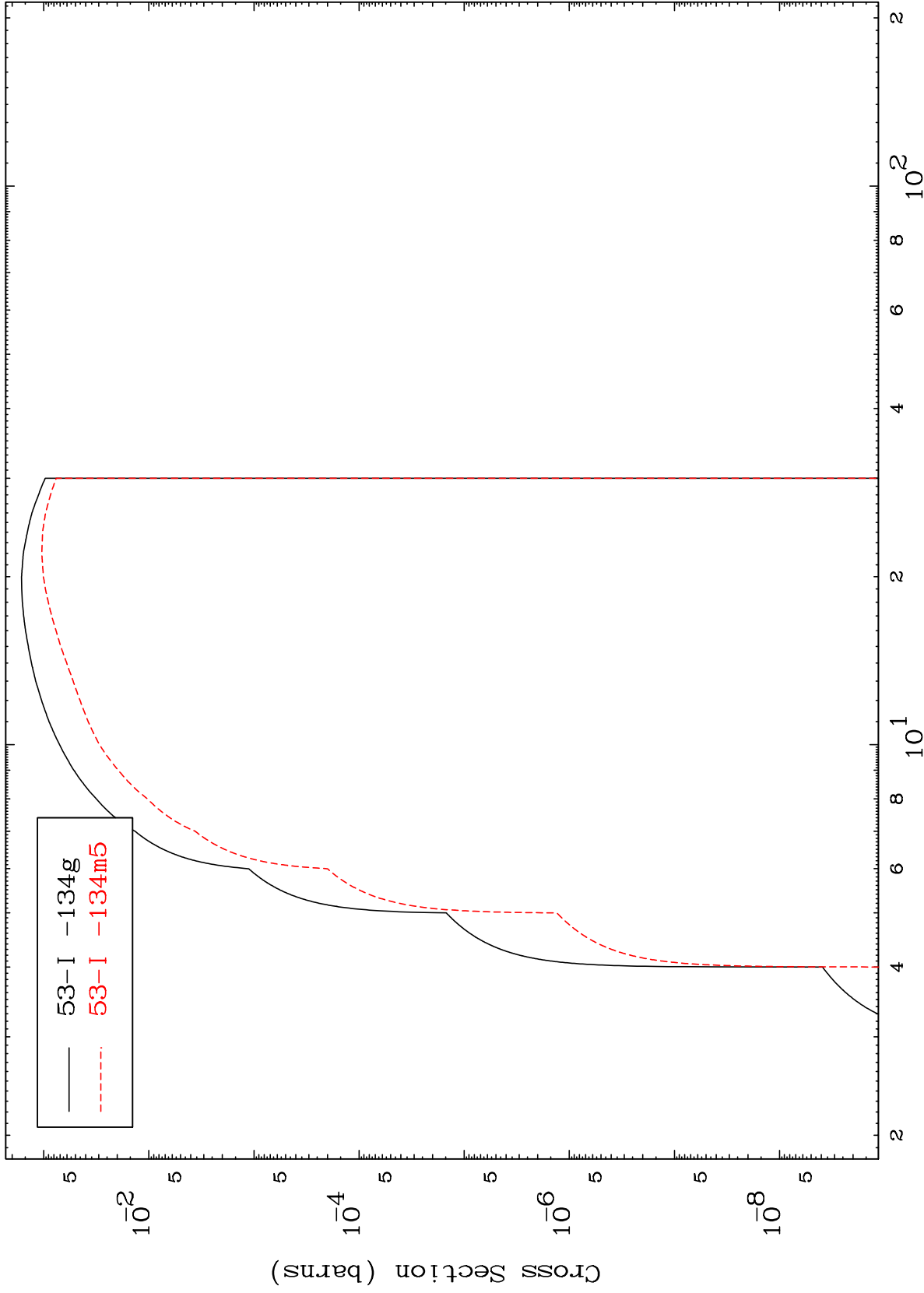
Incident Energy (MeV)

53-I -134m

MAT 5347

53-I -134m

(n,n') p
Radionuclide Production Cross Section



18

53-I -134m

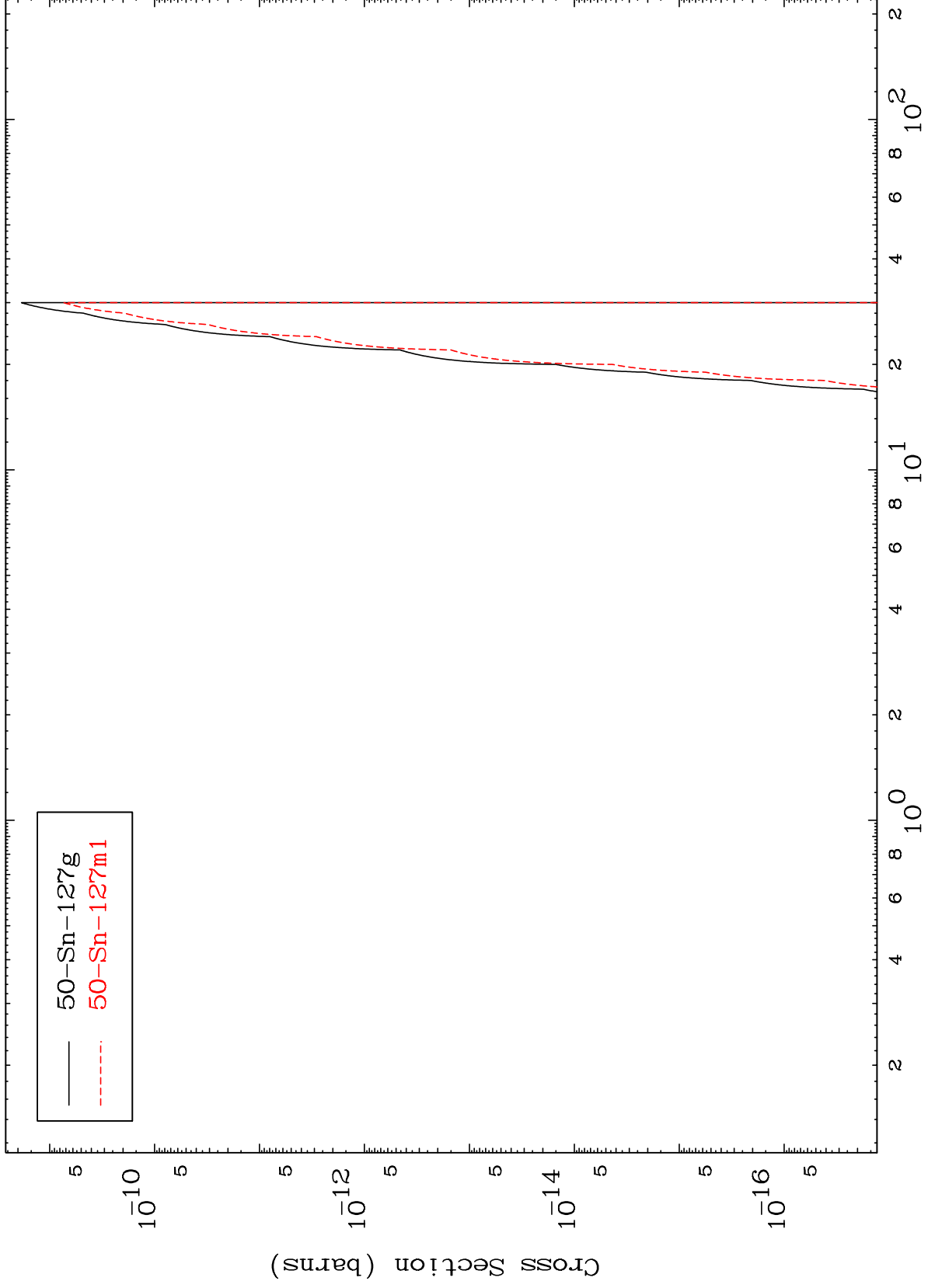
Incident Energy (MeV)

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(n,n') 2α

53-I -134m

Radionuclide Production Cross Section

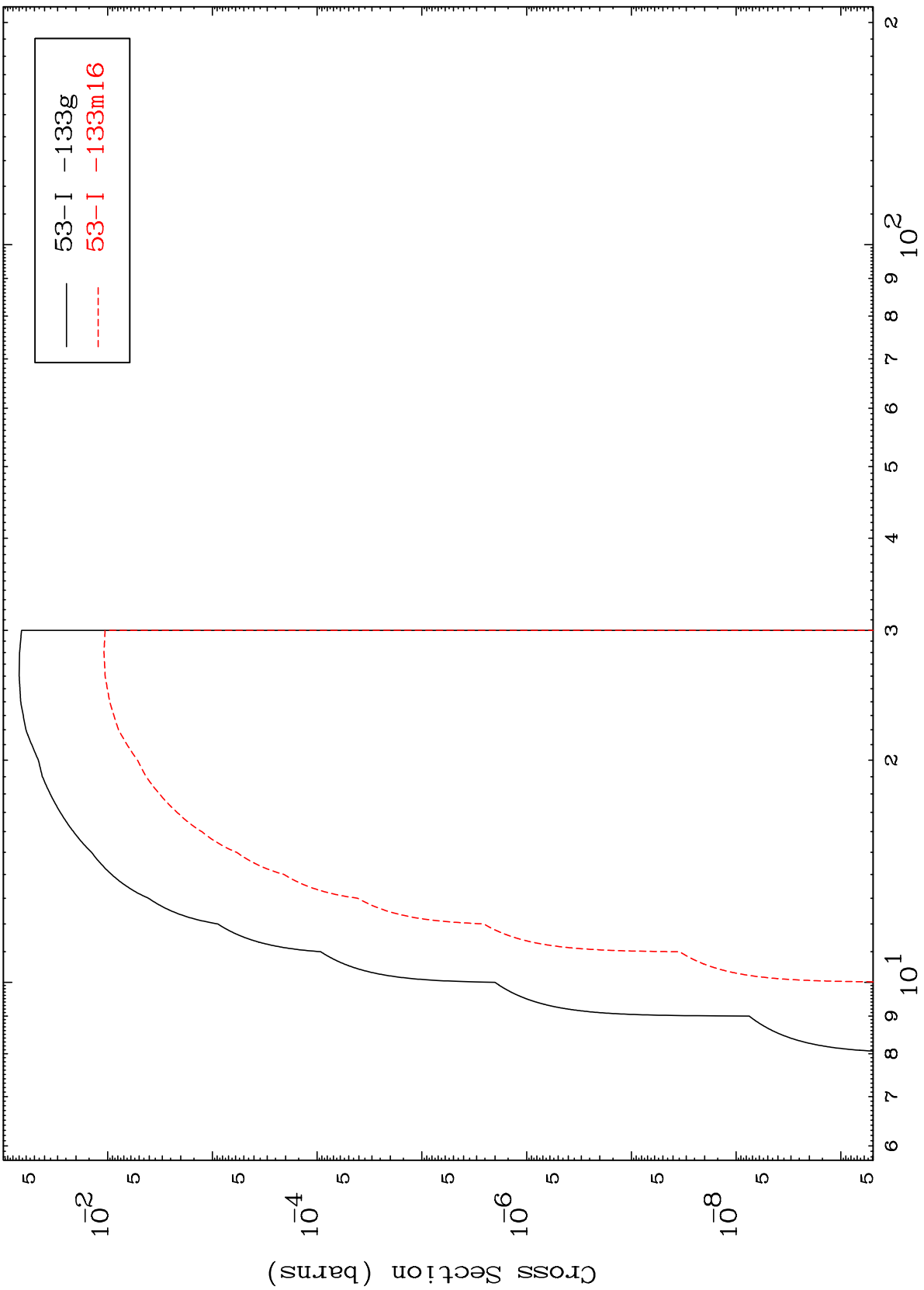


MAT 5347

(n,n') d

53-I -134m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

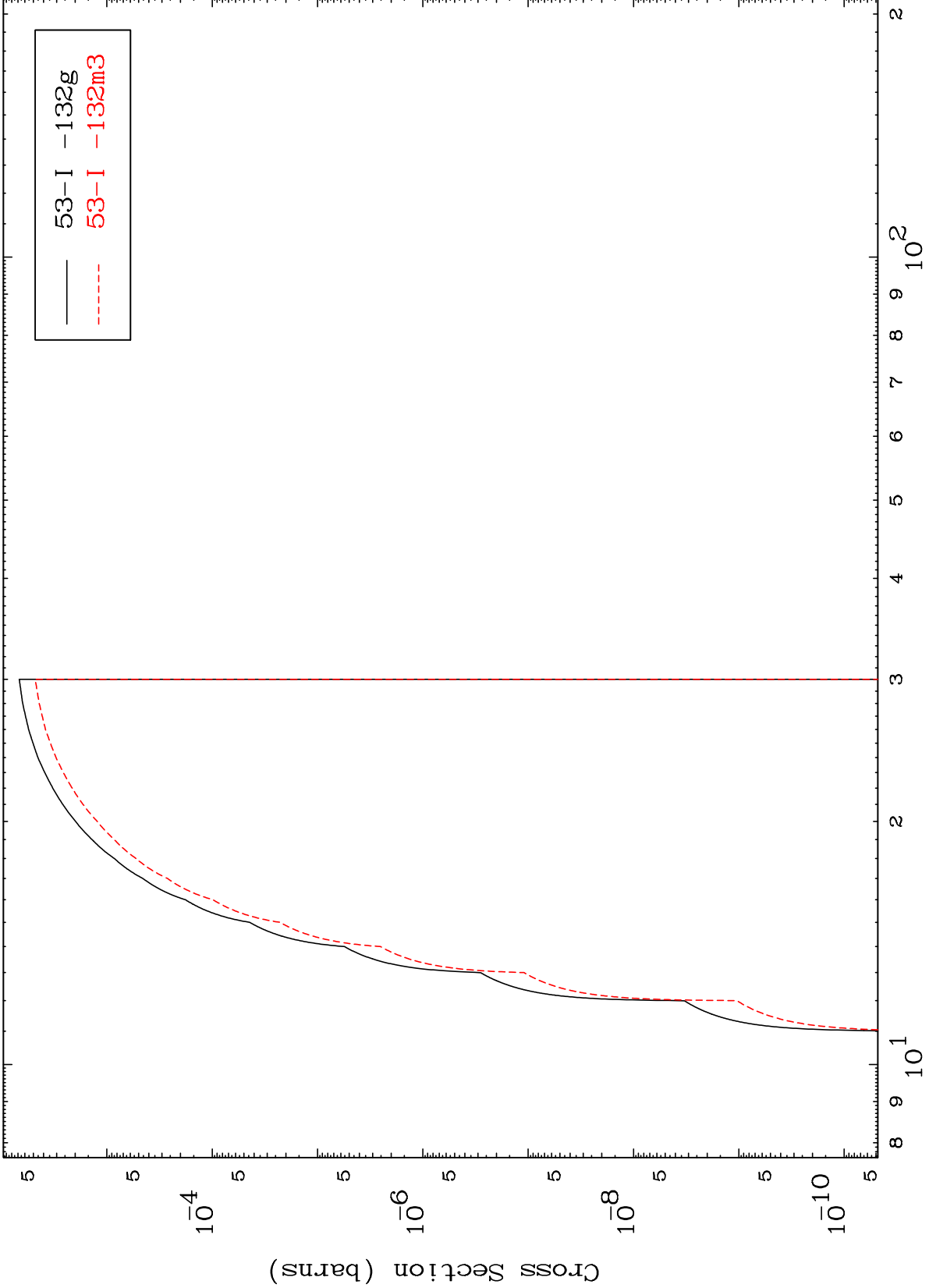
53-I -134m

MAT 5347

(n,n') t

53-I -134m

Radionuclide Production Cross Section

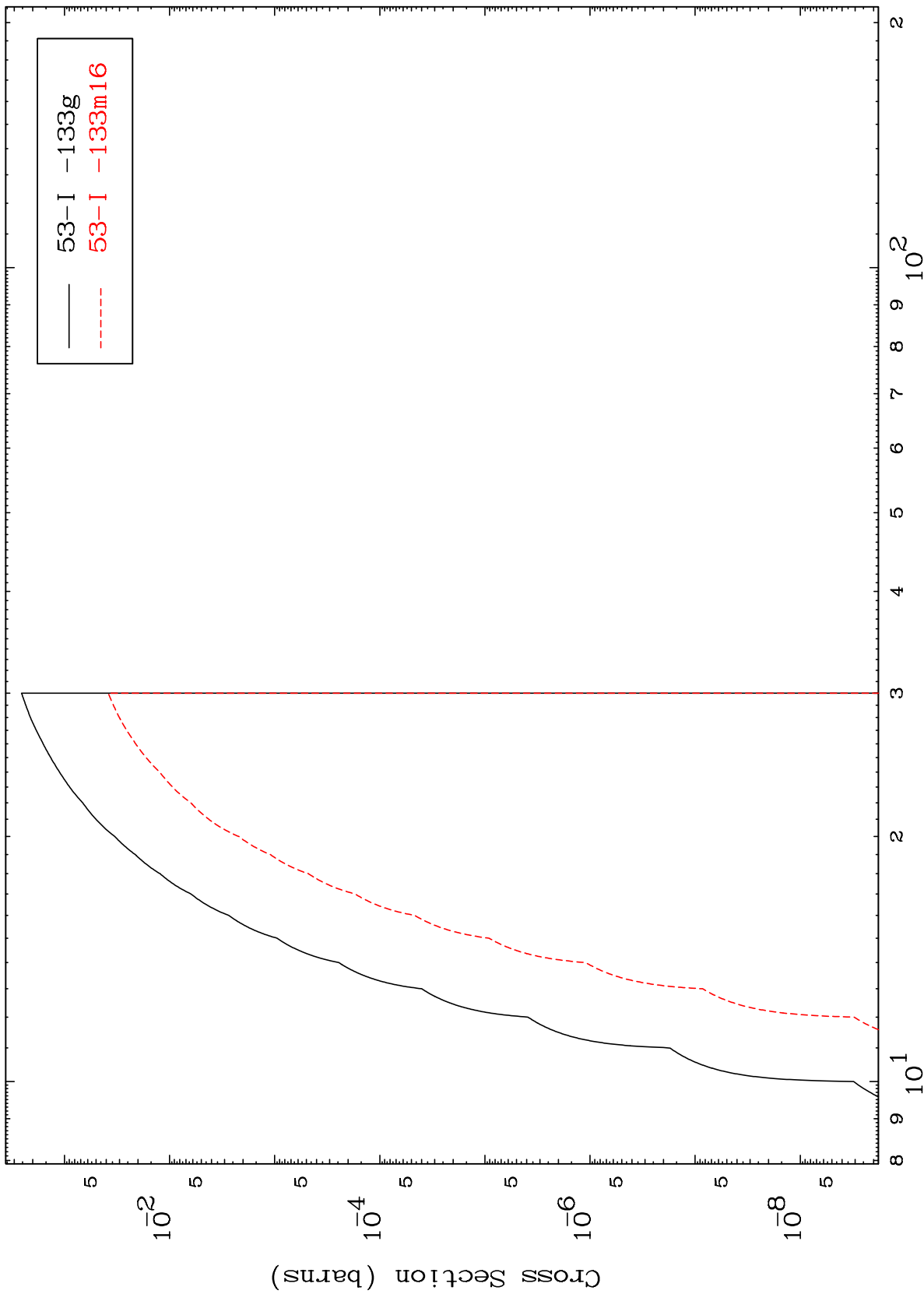


MAT 5347

(n,2n) p

53-I -134m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

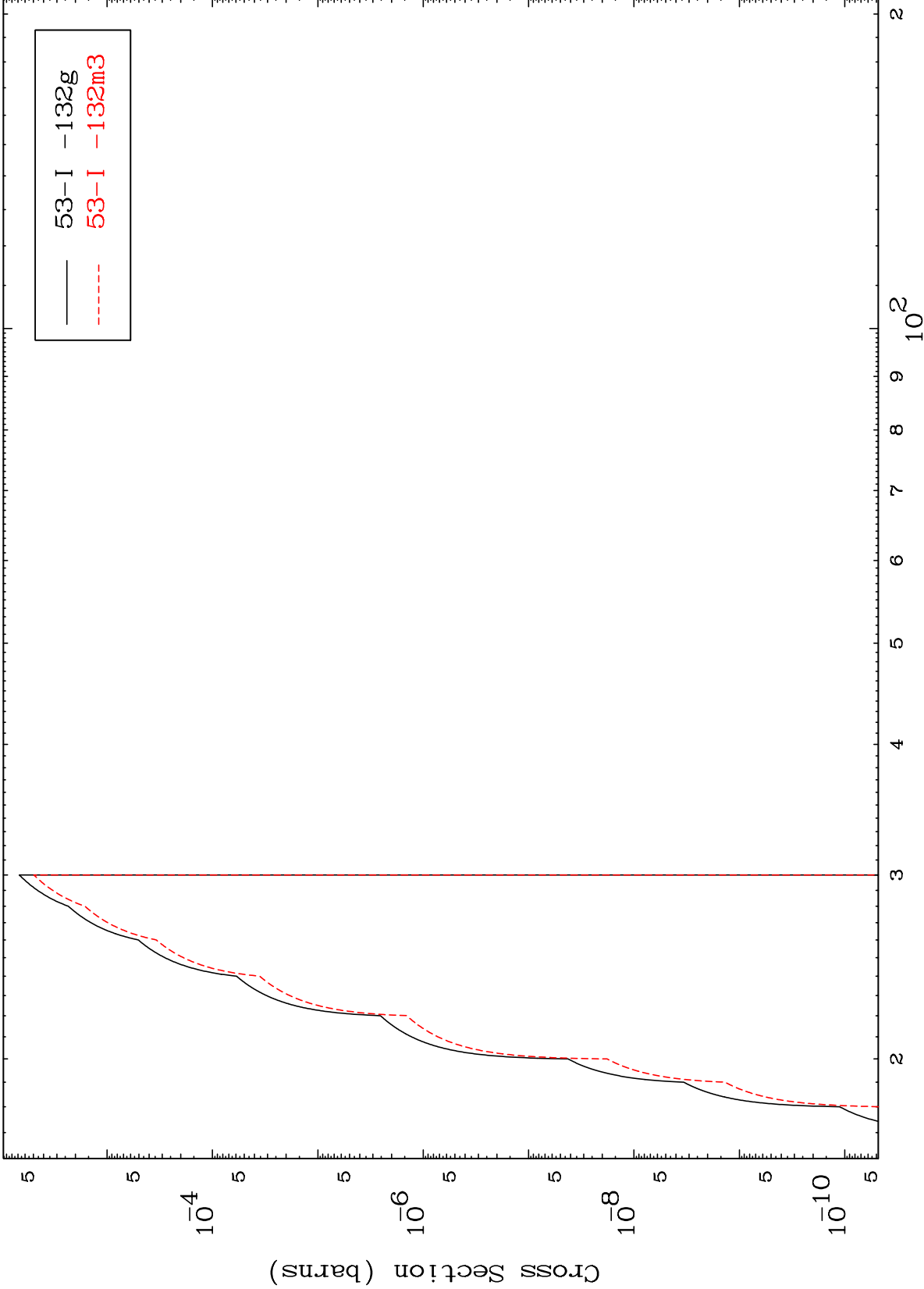
53-I -134m

MAT 5347

(n,3n) p

53-I -134m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

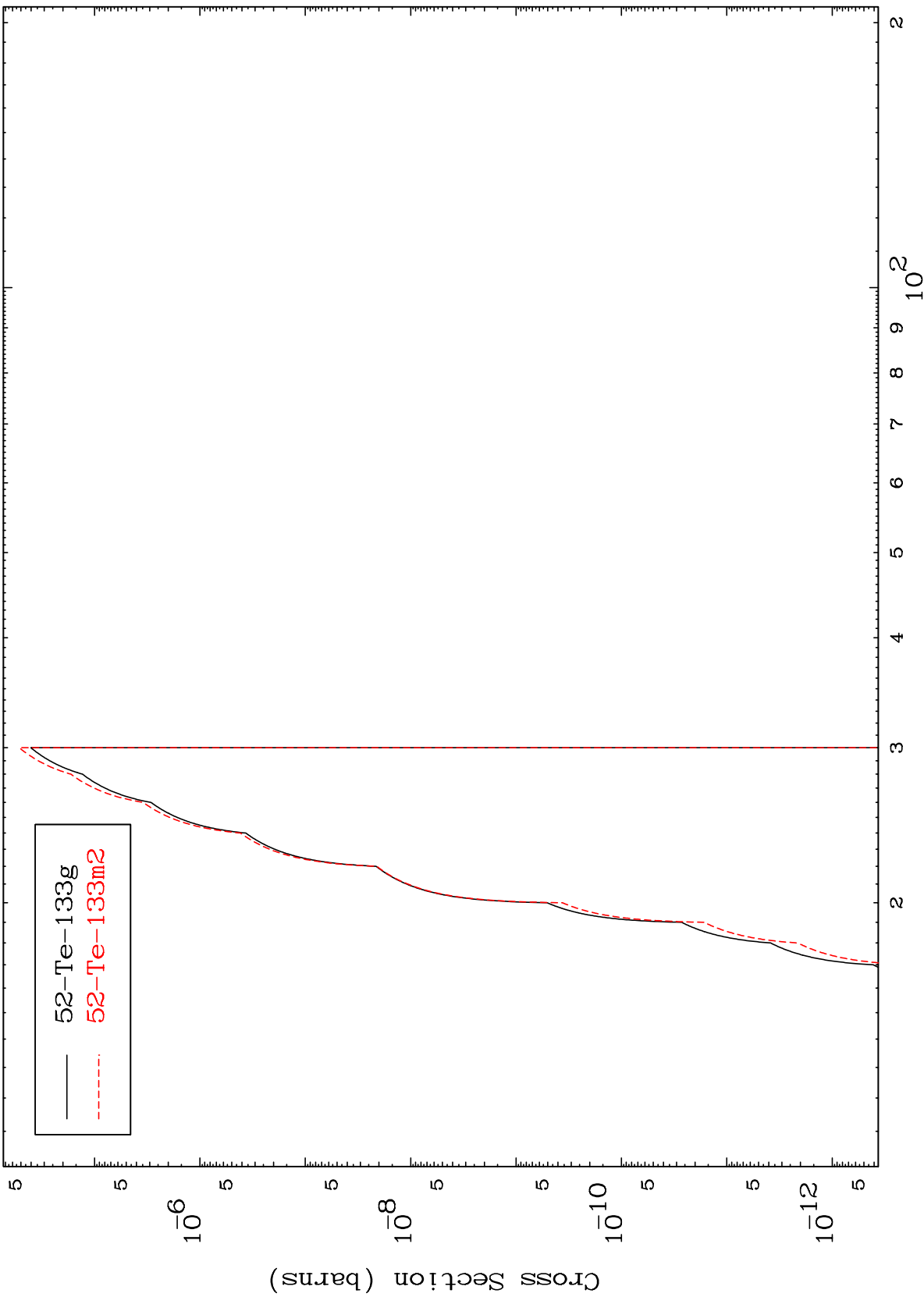
53-I -134m

MAT 5347

(n,2n) p

53-I -134m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

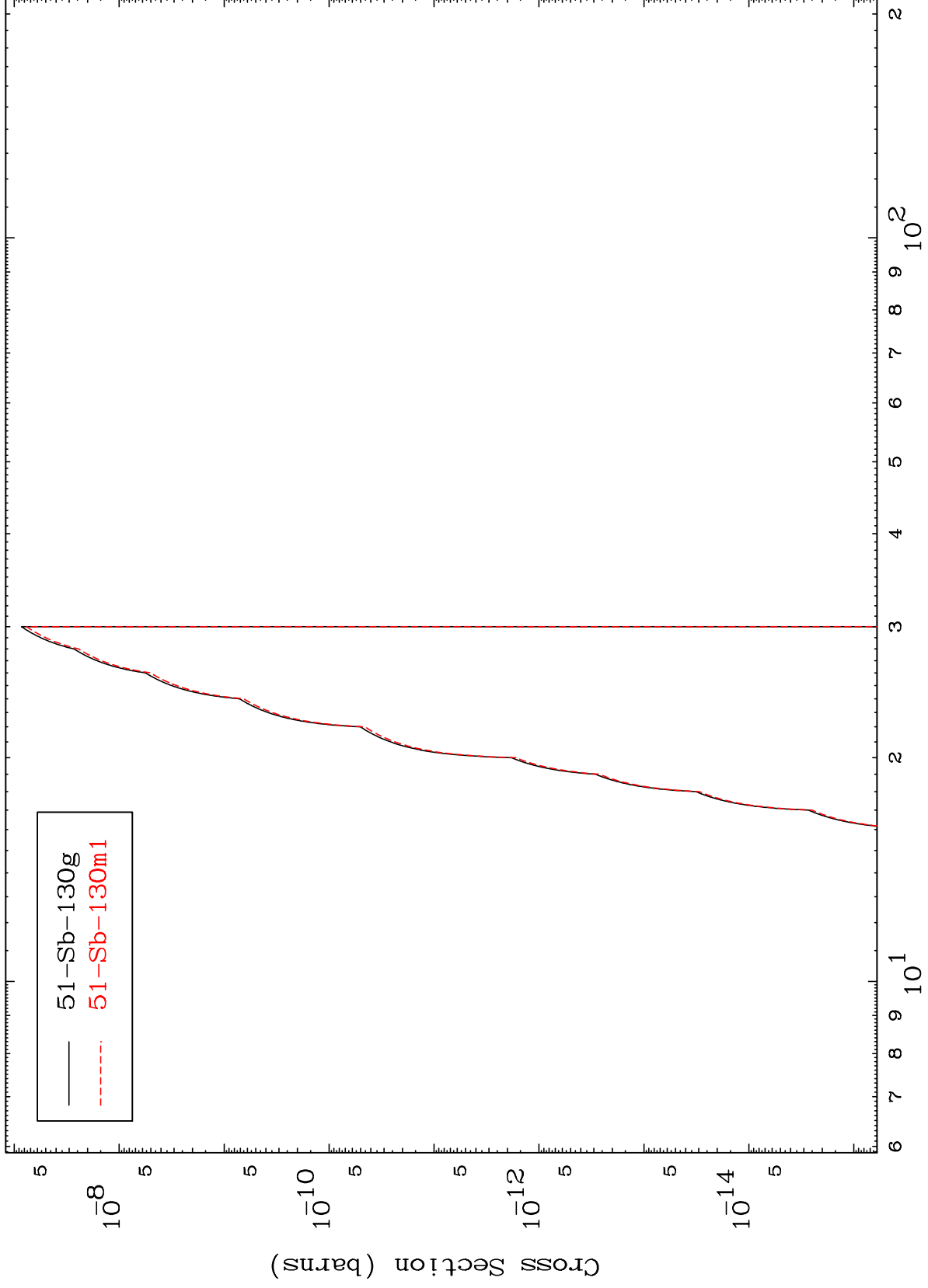
53-I -134m

MAT 5347

(n,n') p α

53-I -134m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

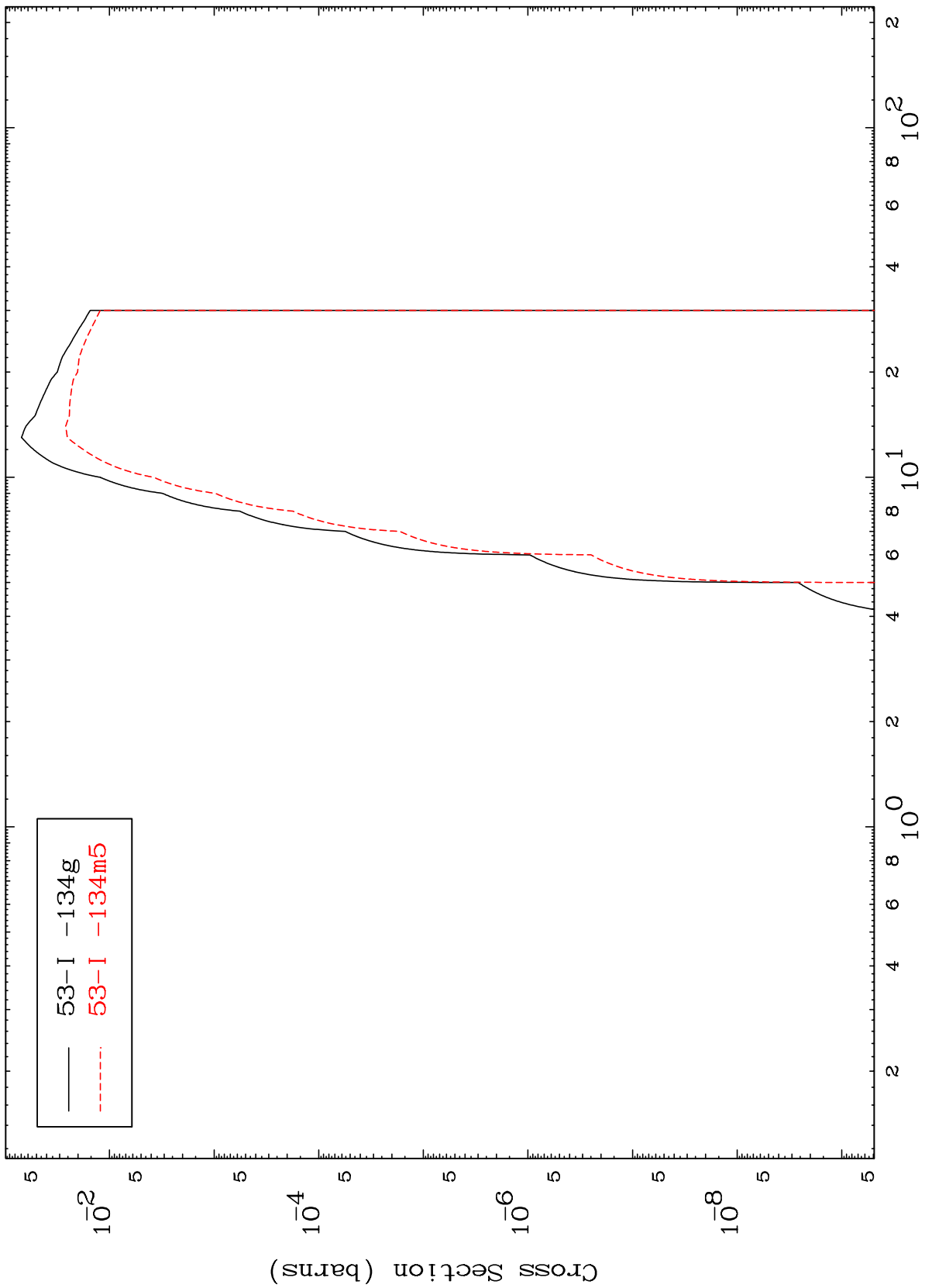
53-I -134m

MAT 5347

(n,d)

53-I -134m

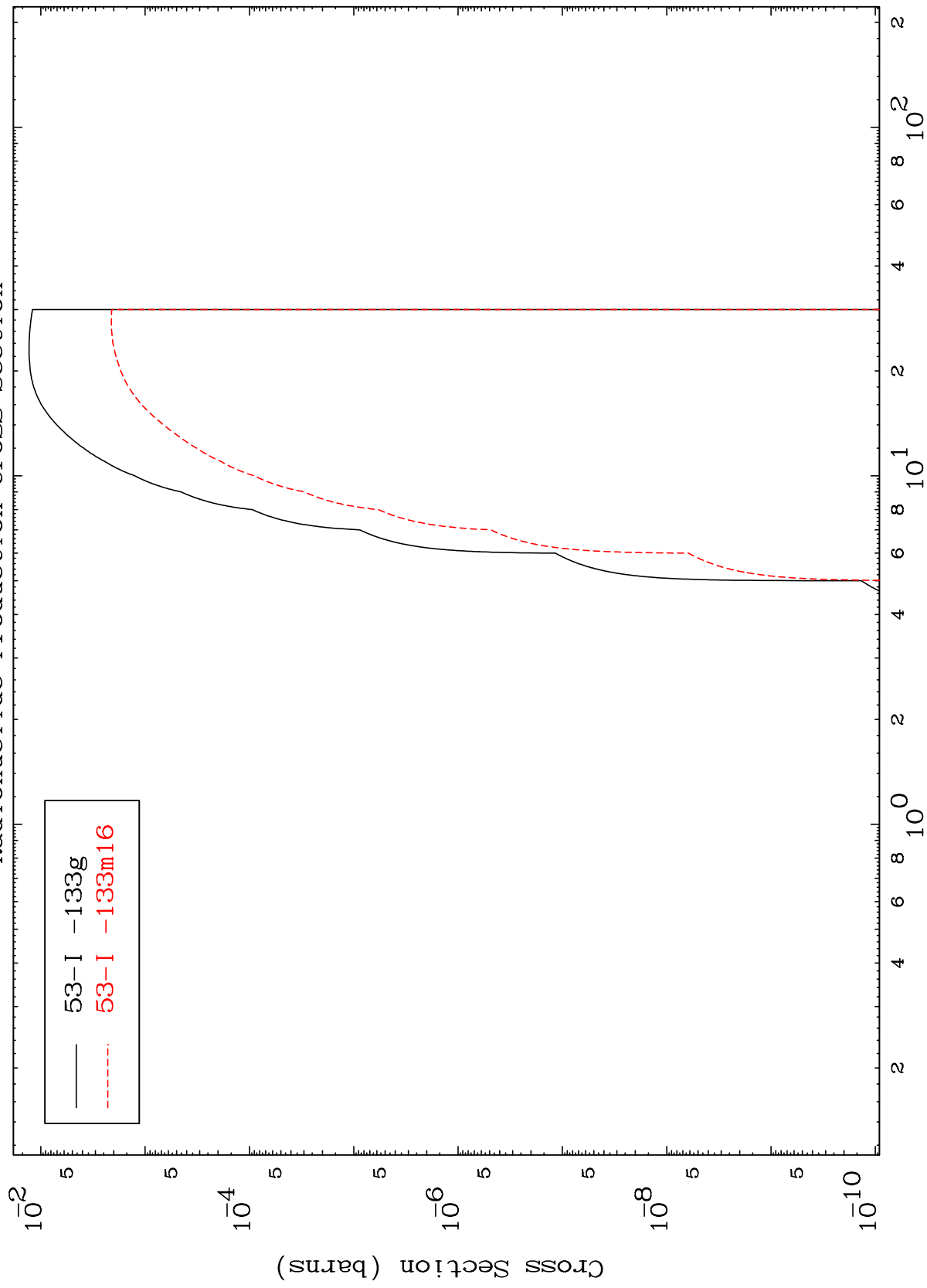
Radionuclide Production Cross Section



MAT 5347

53-I -134m

(n, t)
Radionuclide Production Cross Section



53-I -134m

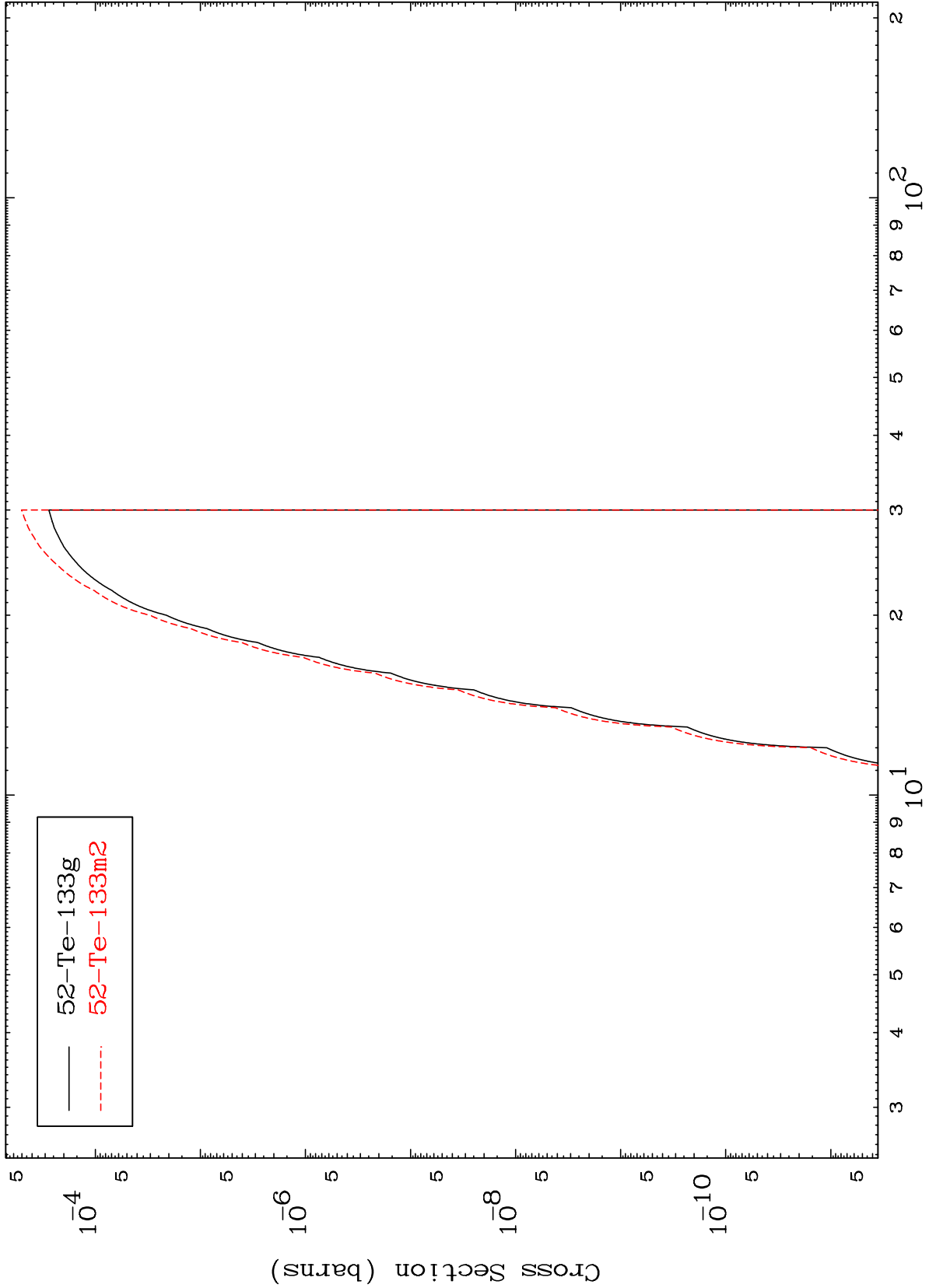
Incident Energy (MeV)

MAT 5347

(n,He-3)

53-I -134m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

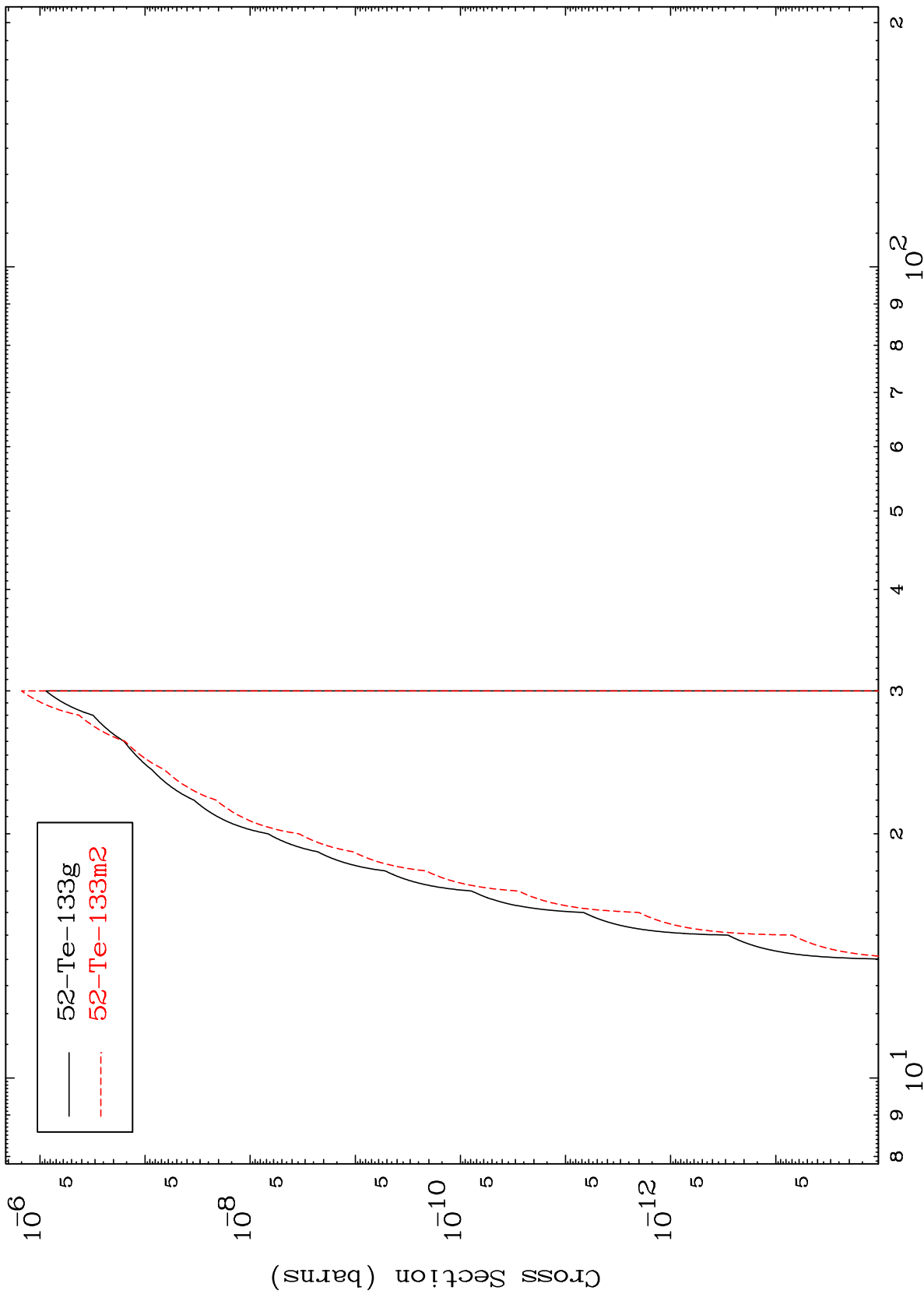
53-I -134m

MAT 5347

(n,p) d

53-I -134m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

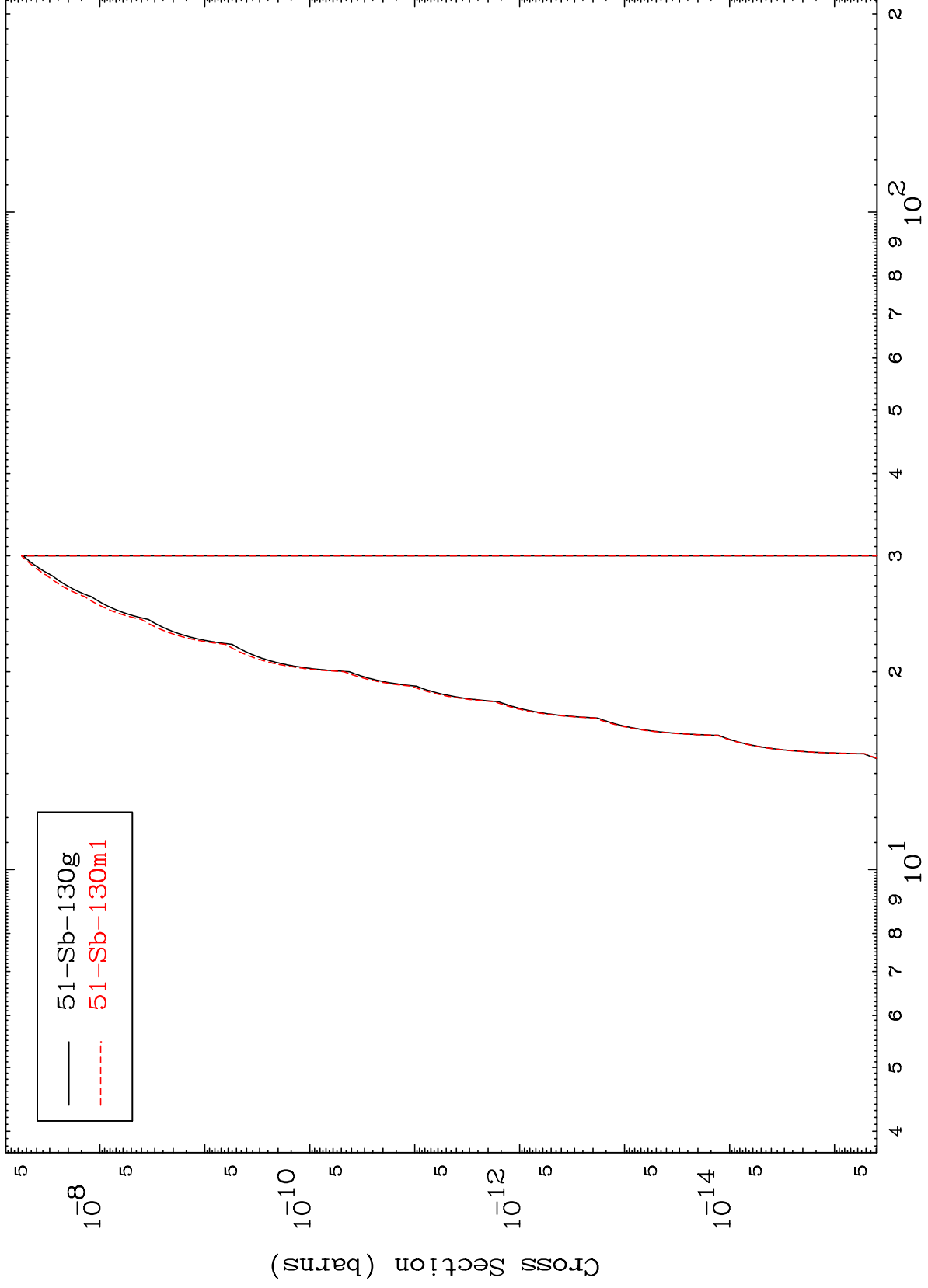
53-I -134m

MAT 5347

(n,d) α

53-I -134m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

53-I -134m