

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

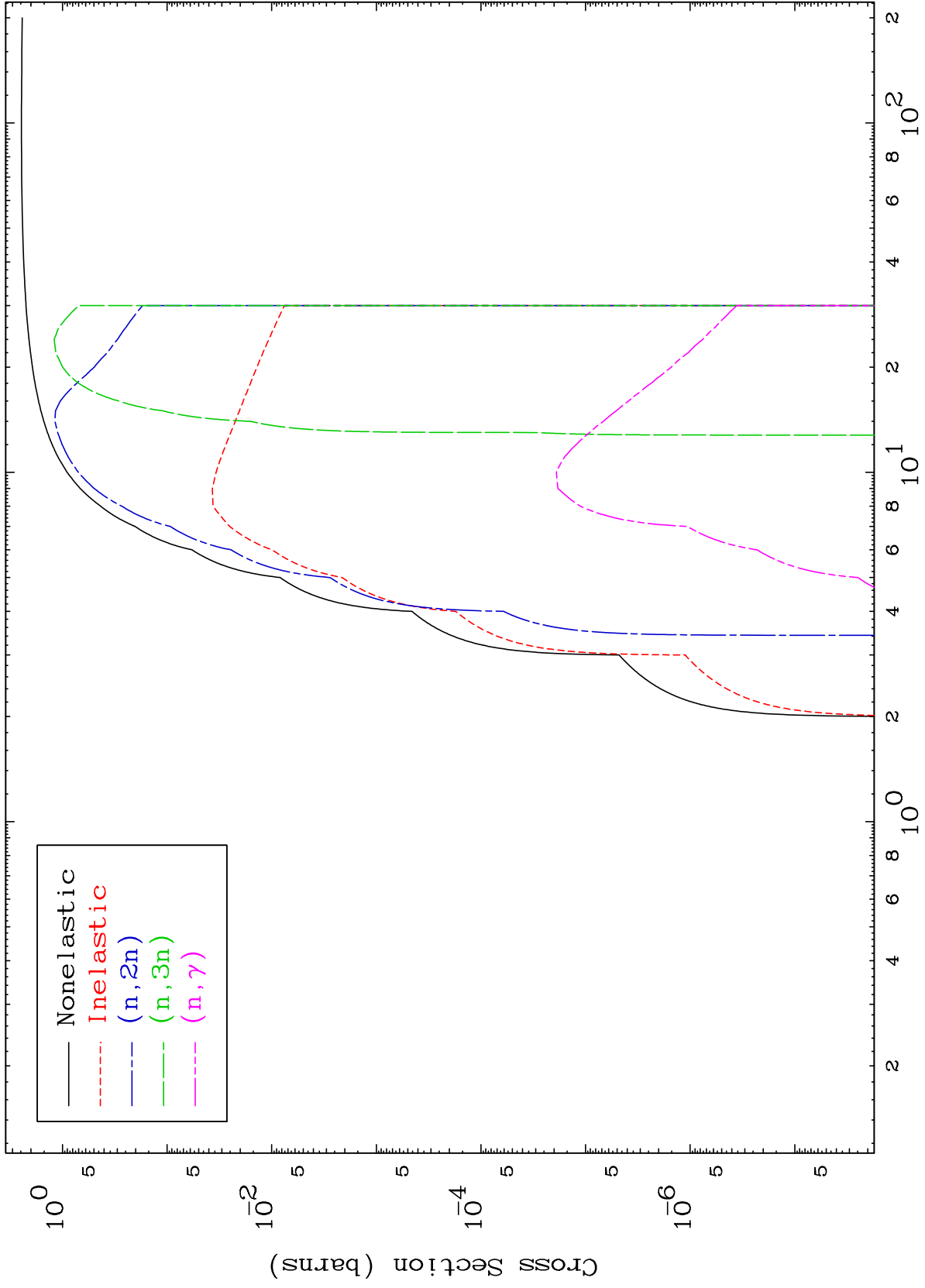
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E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

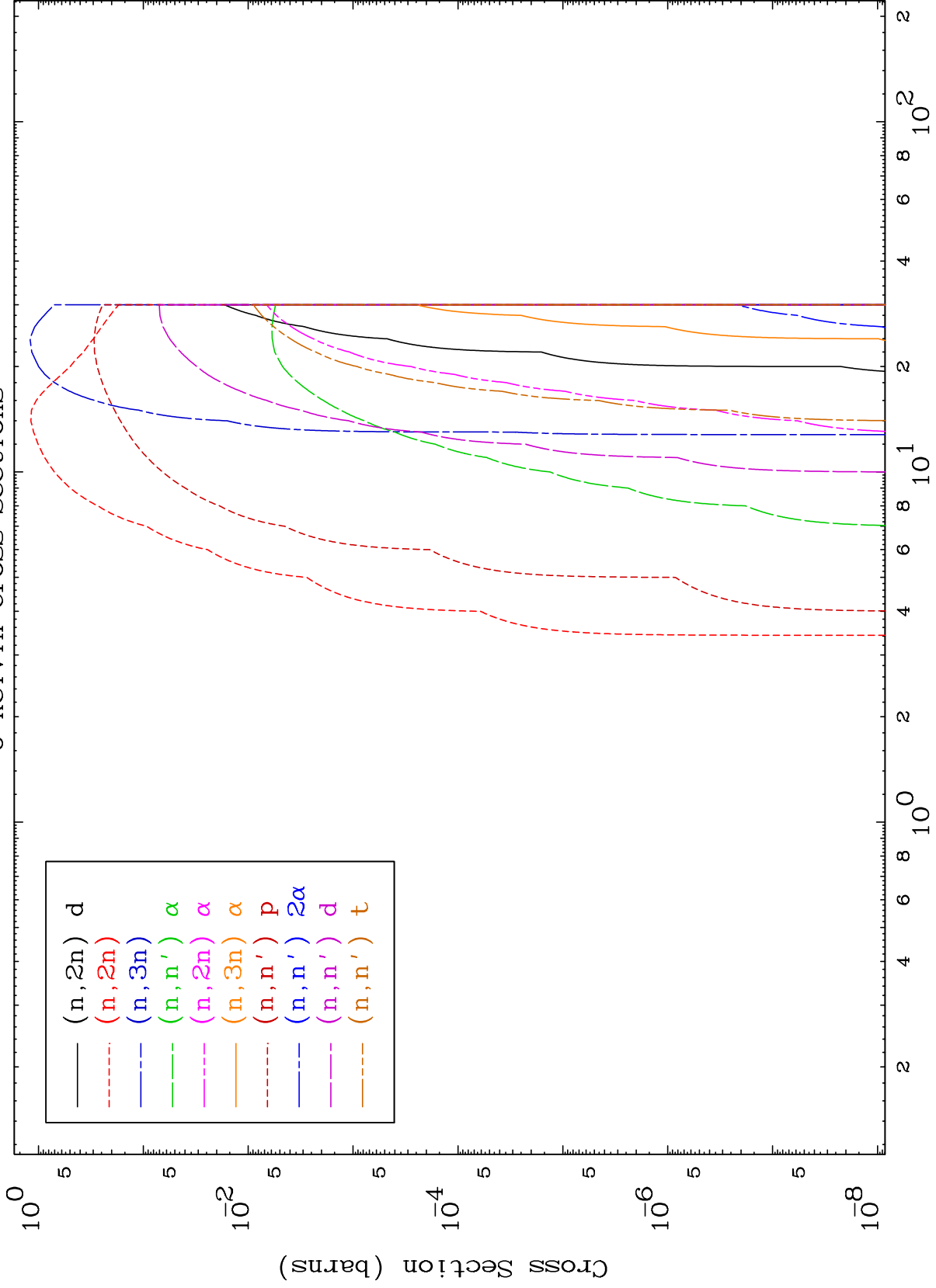
Press Mouse Button to Start

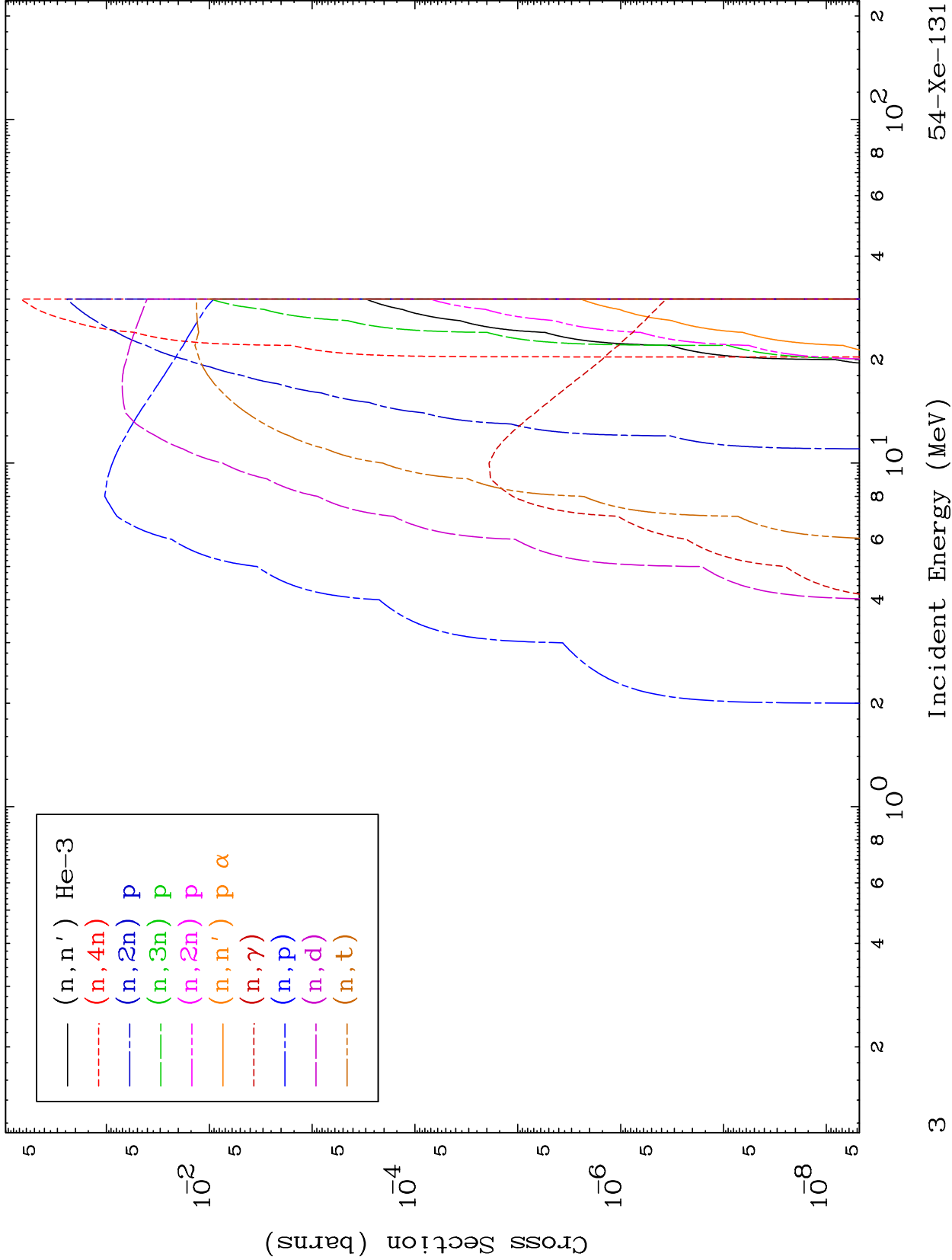


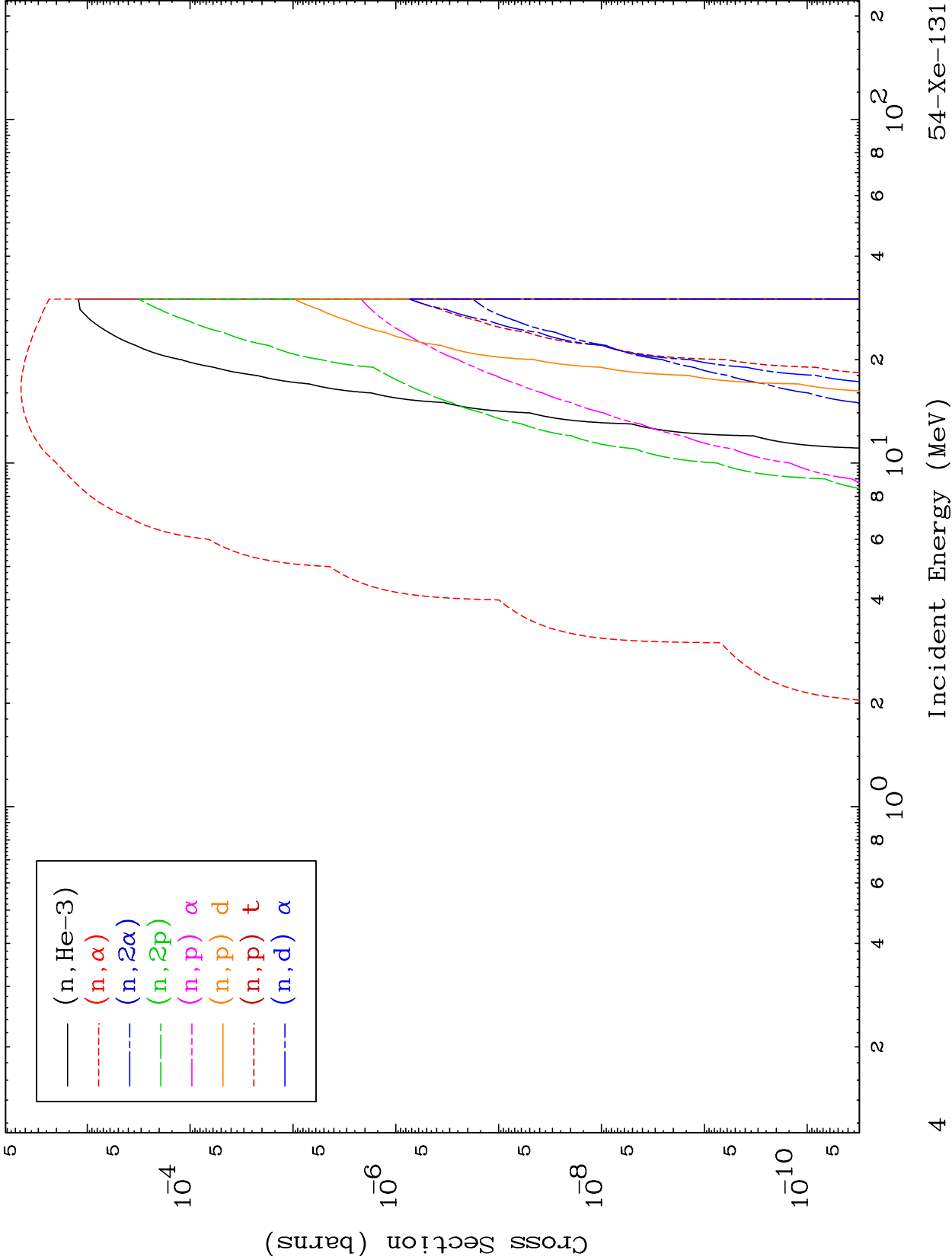
MAT 5446

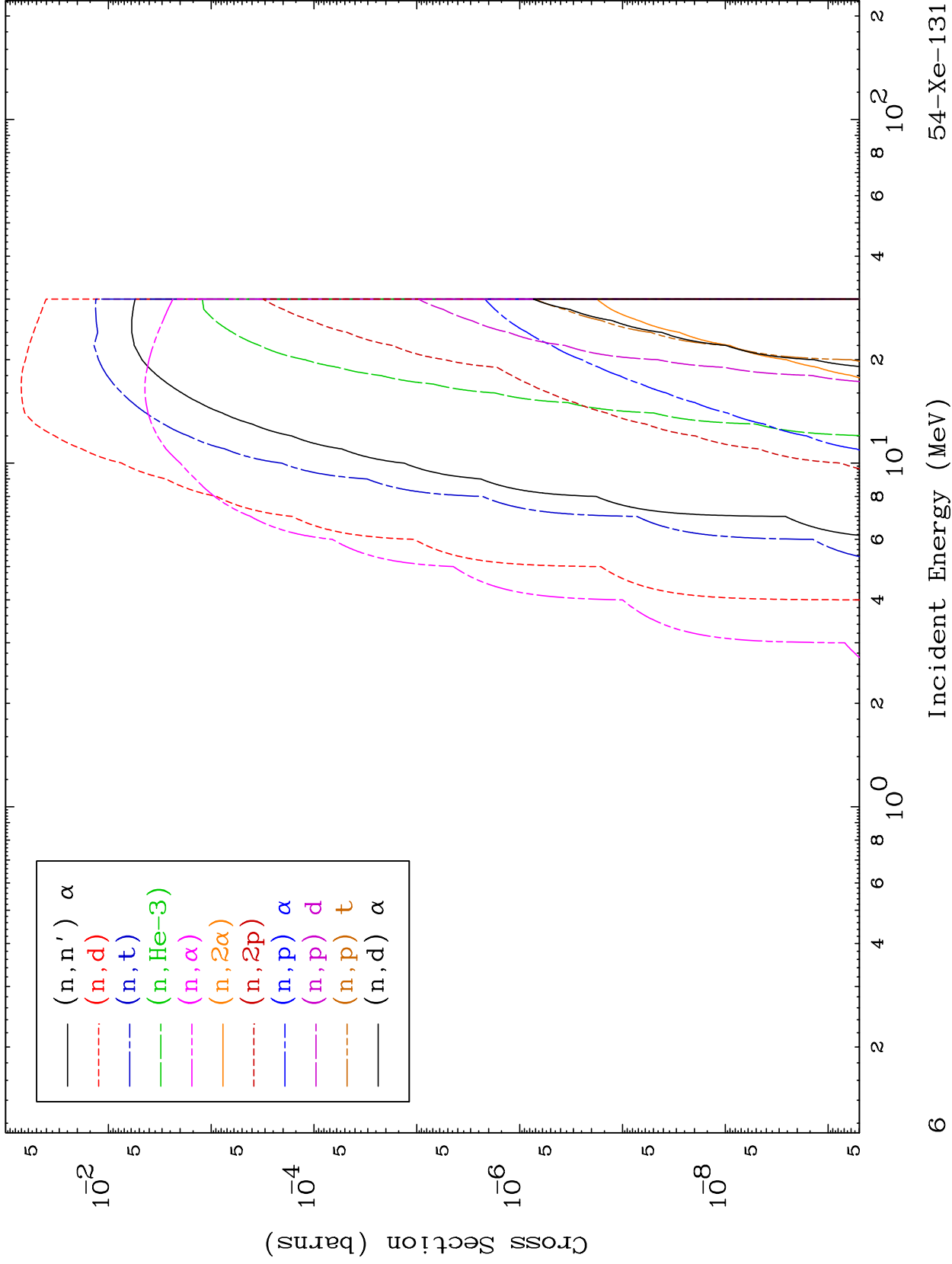
Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-131





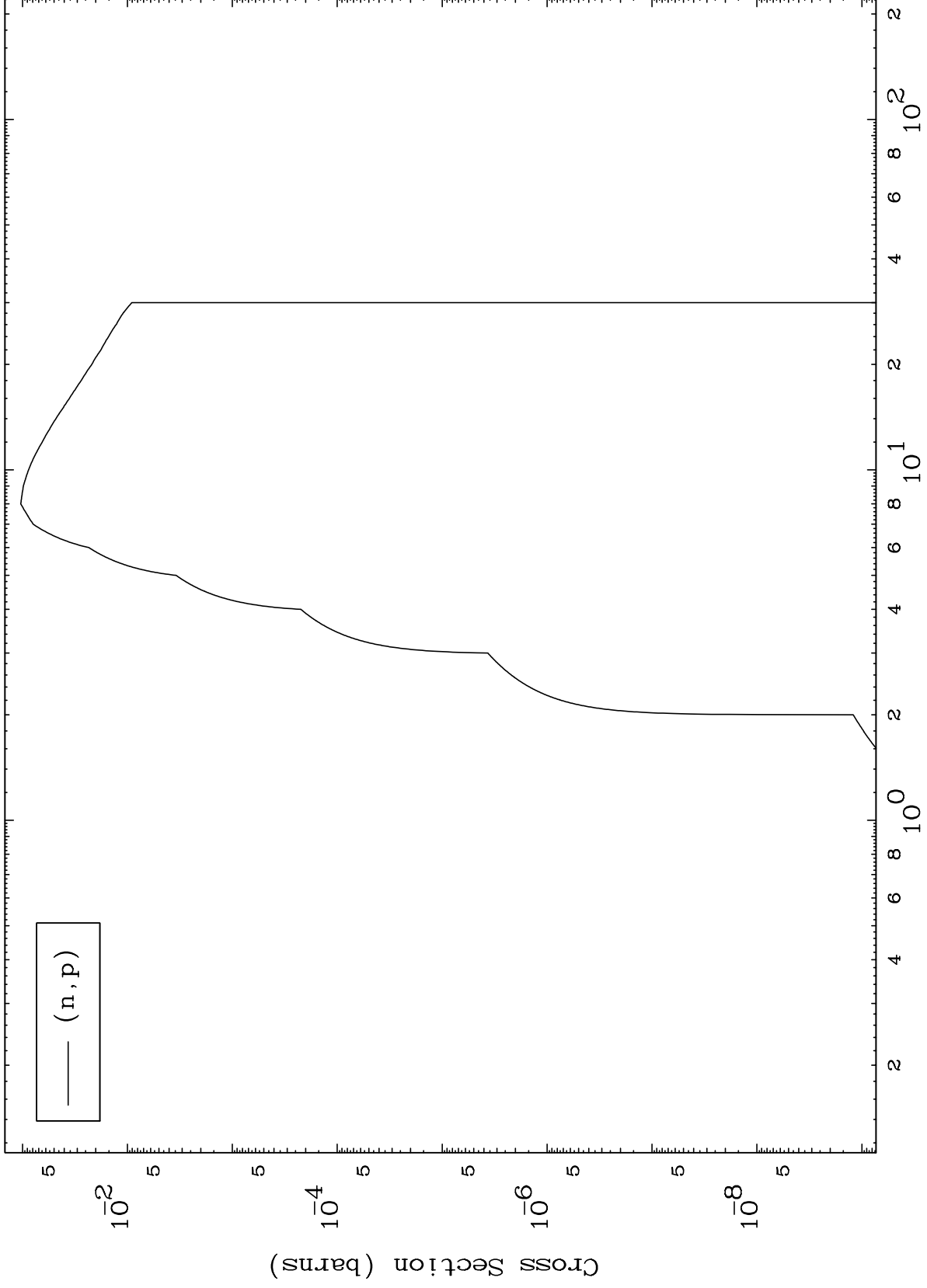




MAT 5446

54-Xe-131

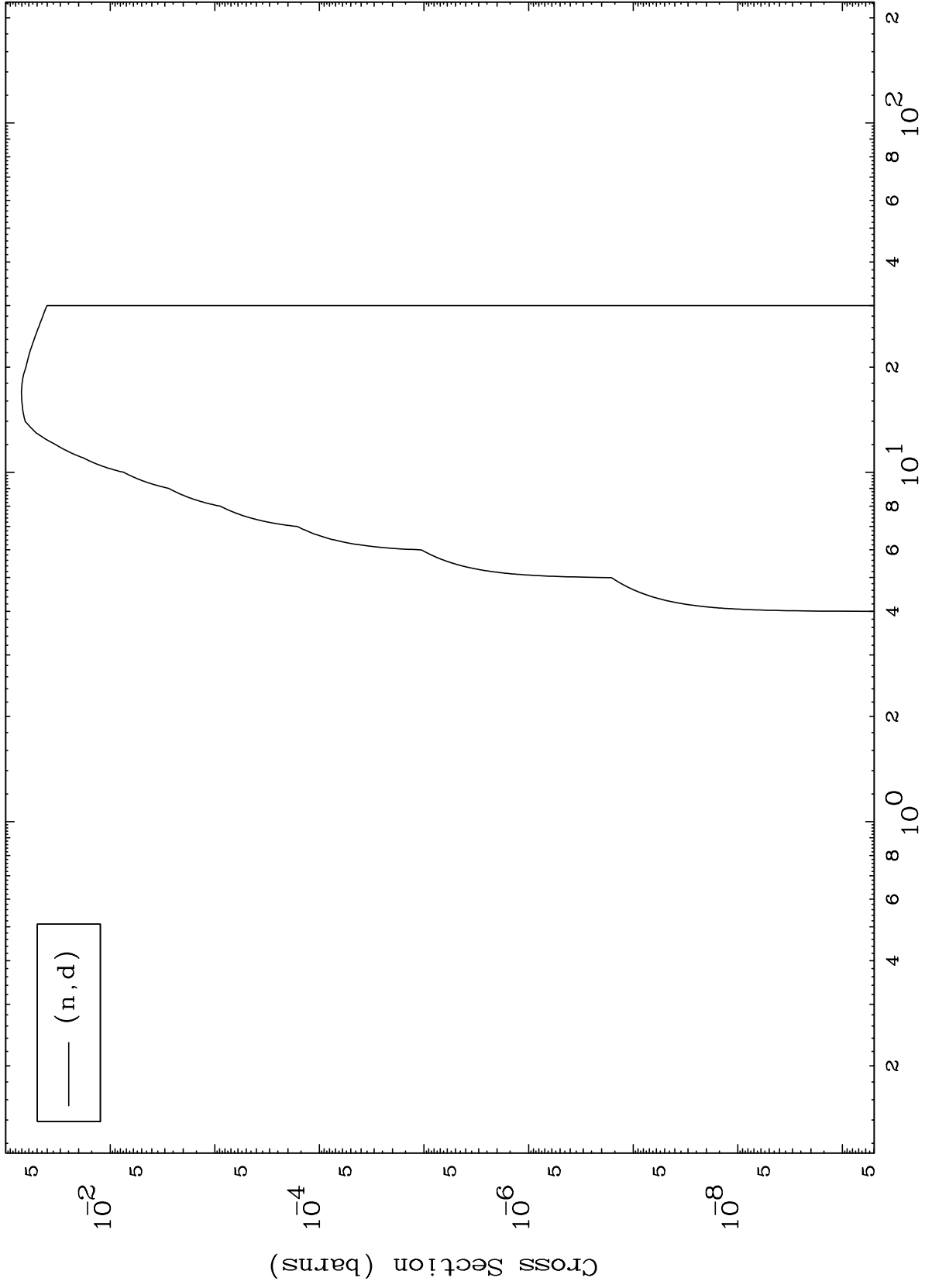
(d,p) Levels
0 Kelvin Cross Sections



MAT 5446

54-Xe-131

(d,d) Levels
0 Kelvin Cross Sections

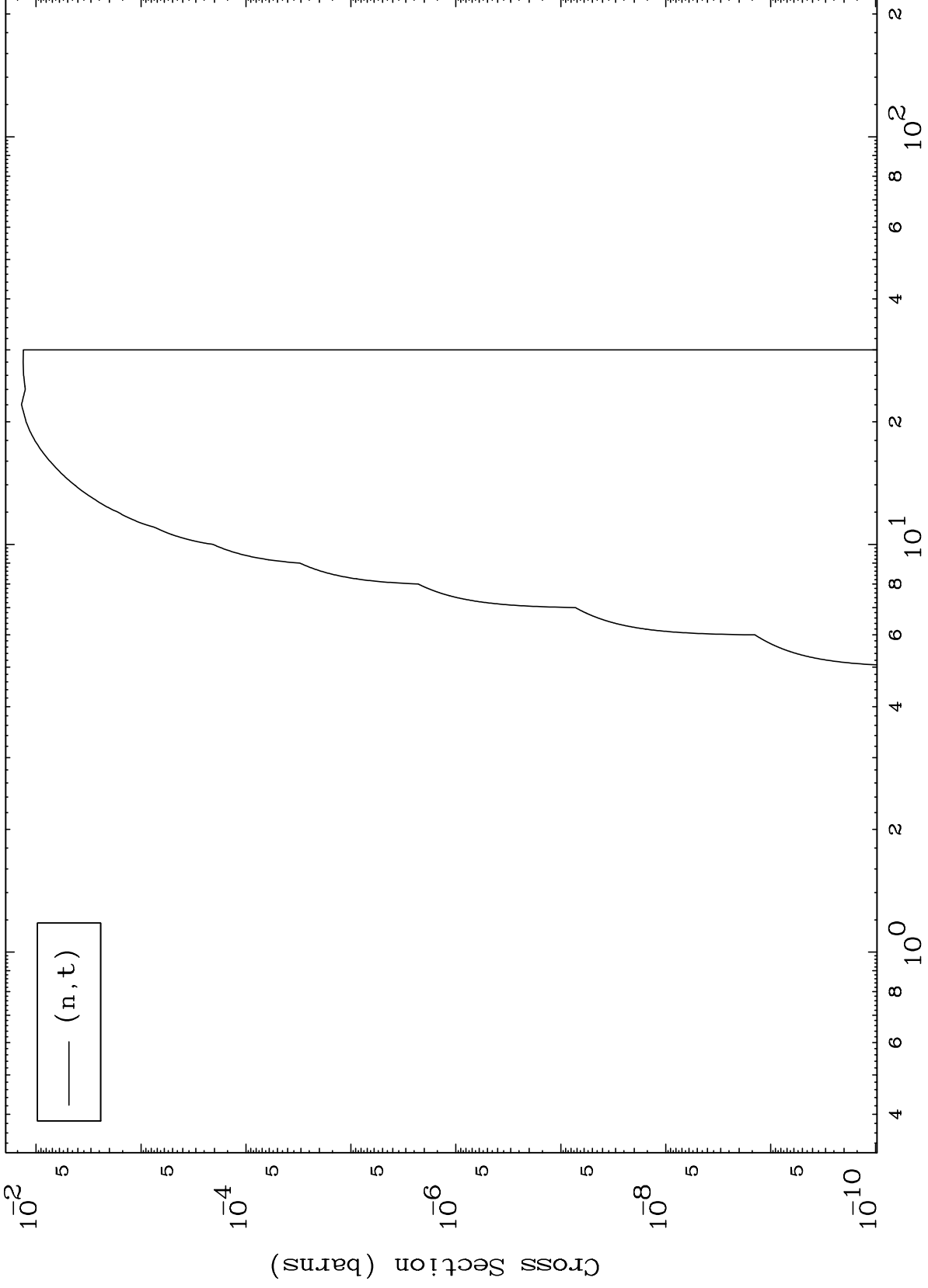


MAT 5446

(d, t) Levels

54-Xe-131

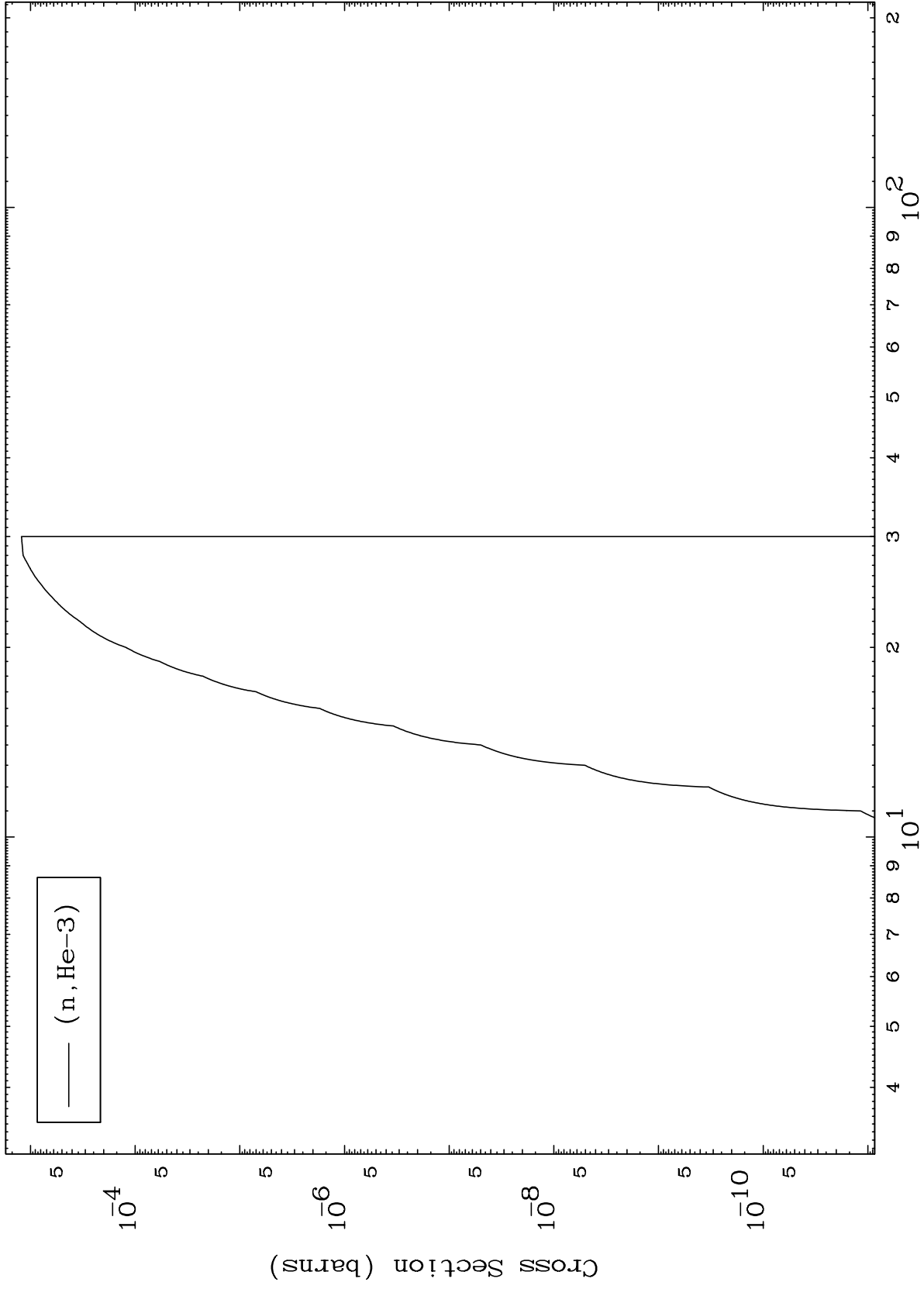
0 Kelvin Cross Sections



MAT 5446

54-Xe-131

(d,He3) Levels
0 Kelvin Cross Sections



10

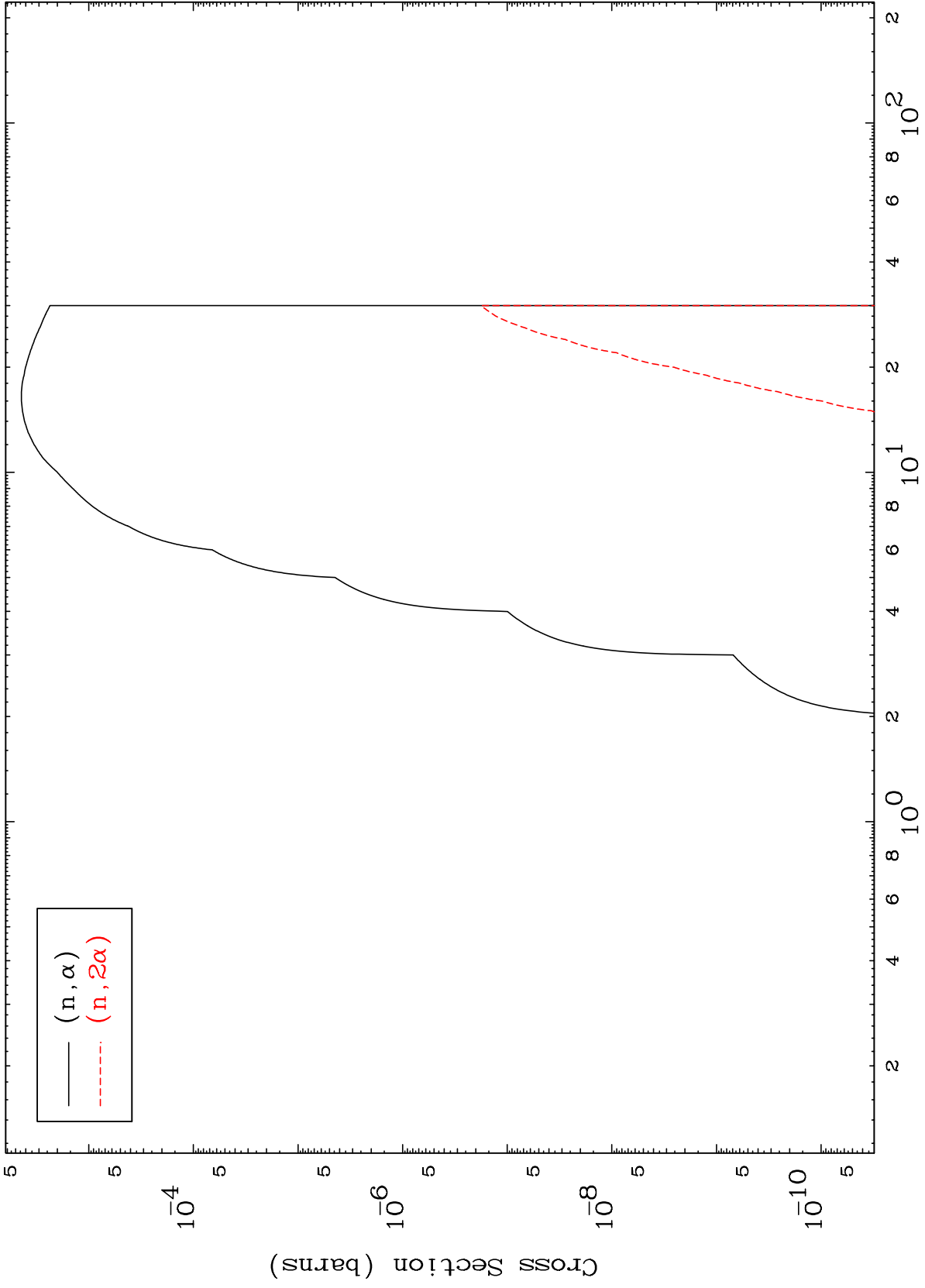
Incident Energy (MeV)

54-Xe-131

MAT 5446

(d, α) Levels
0 Kelvin Cross Sections

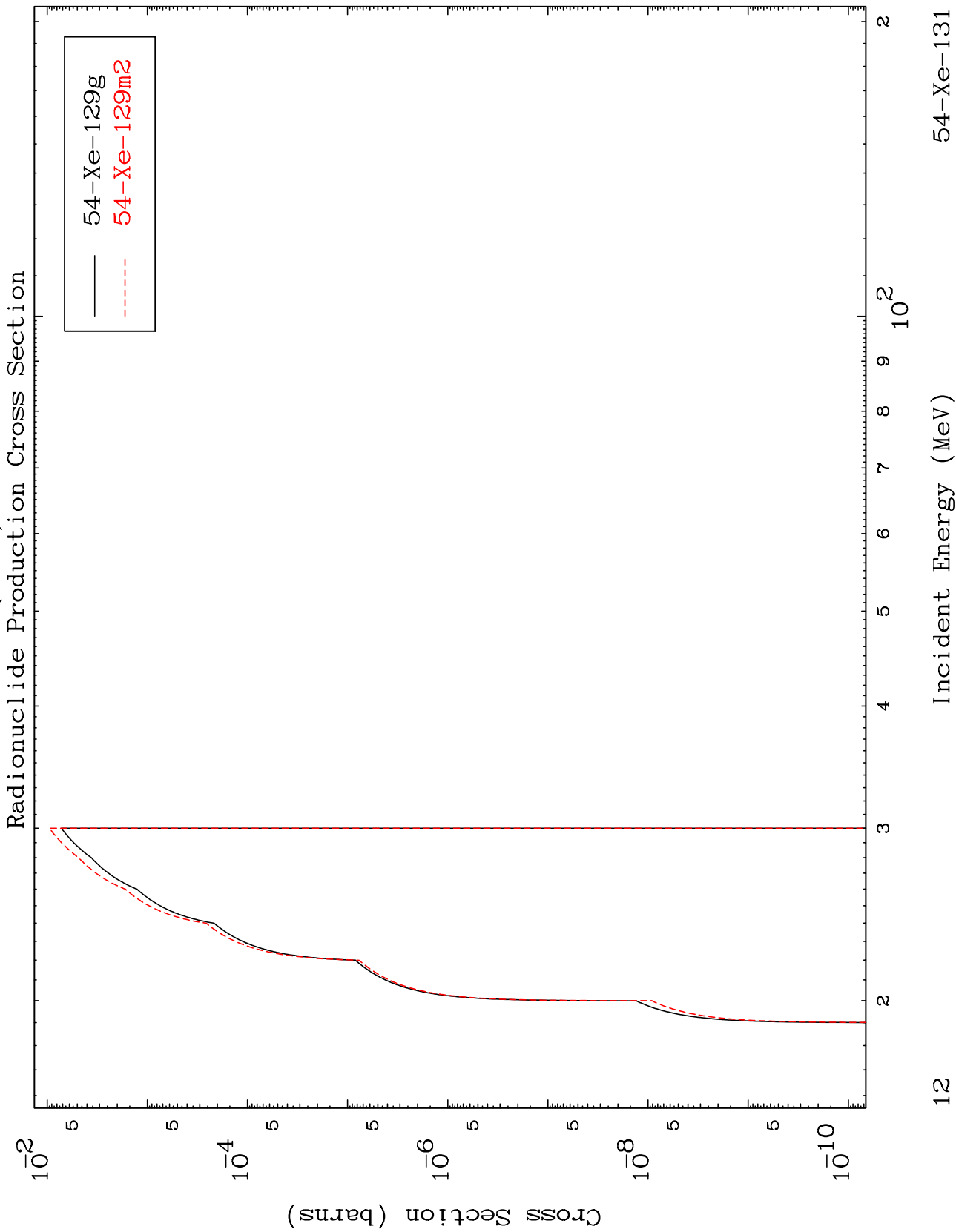
54-Xe-131



MAT 5446

(n,2n) d

54-Xe-131



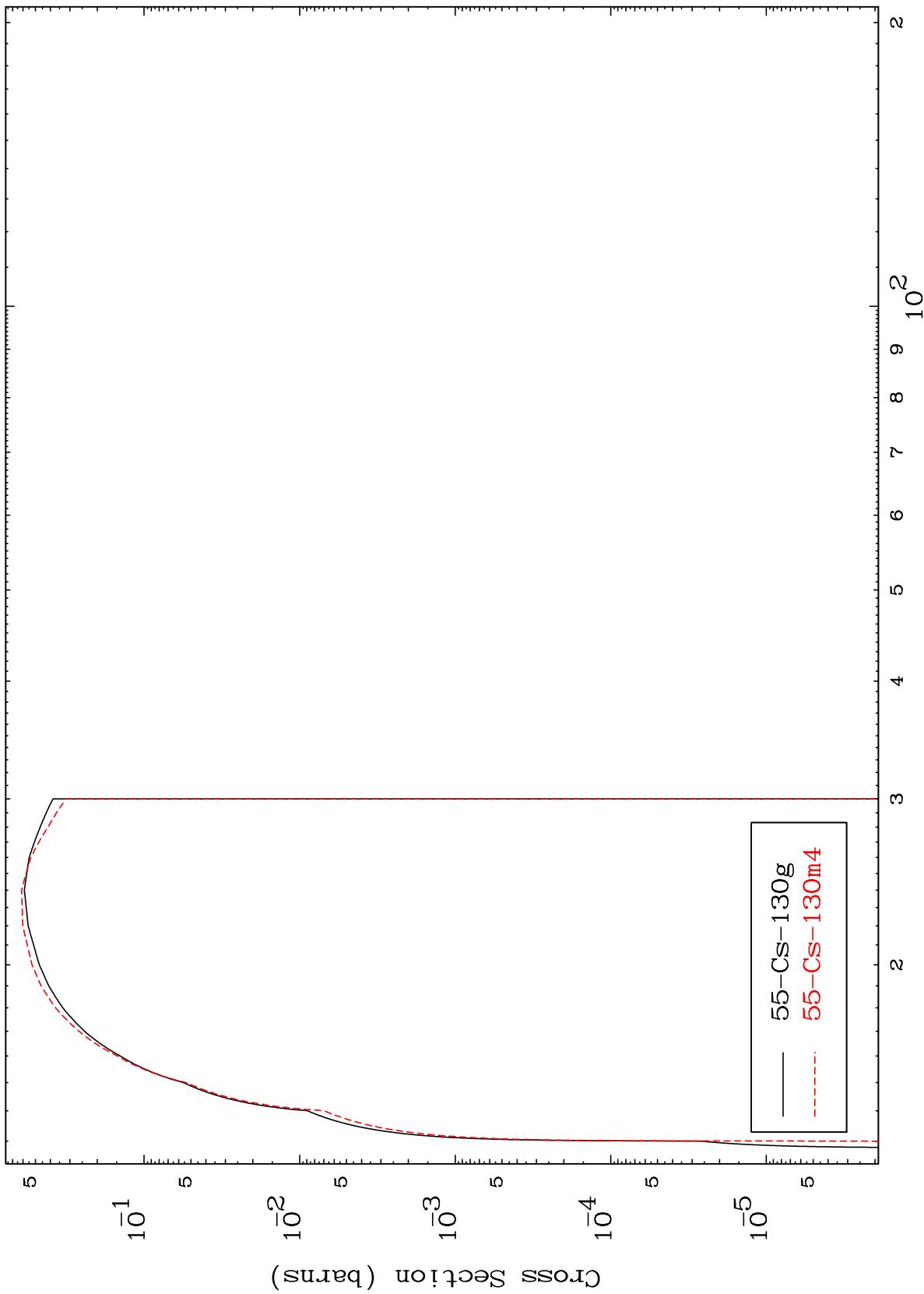
12

54-Xe-131

MAT 5446

54-Xe-131

(n,3n)
Radionuclide Production Cross Section



13

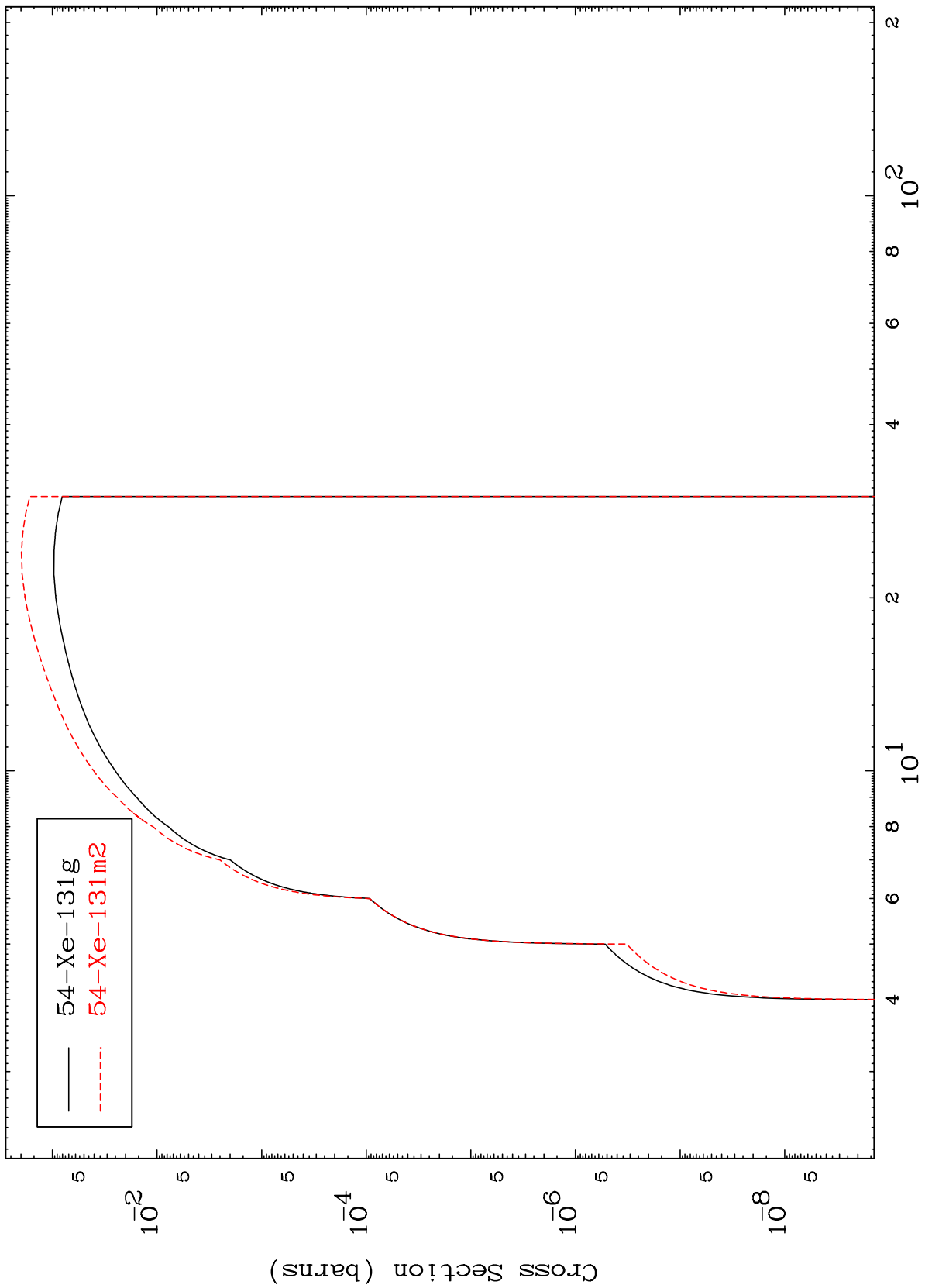
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

Radionuclide Production Cross Section



14

54-Xe-131

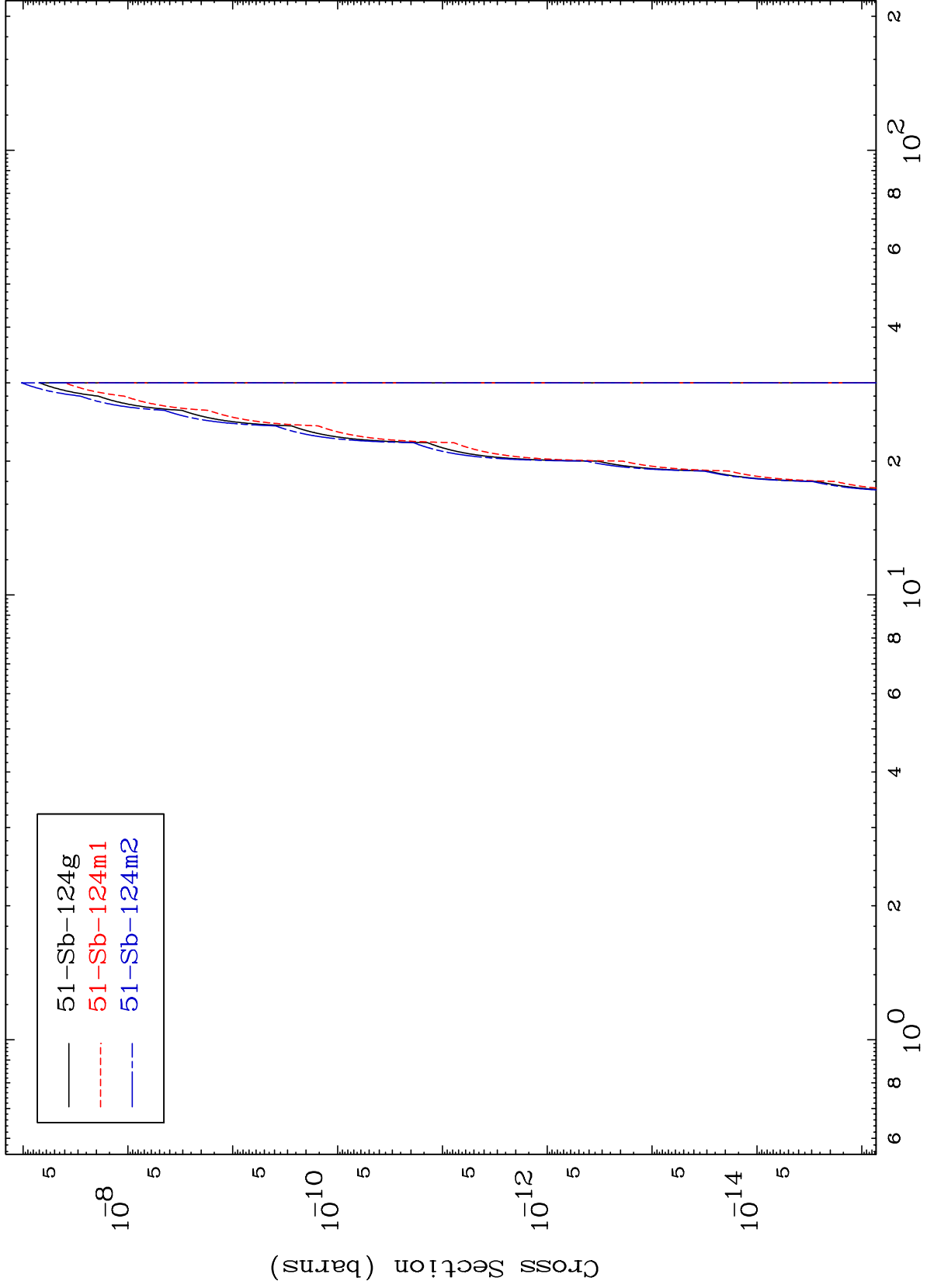
Incident Energy (MeV)

MAT 5446

(n,n') 2 α

54-Xe-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

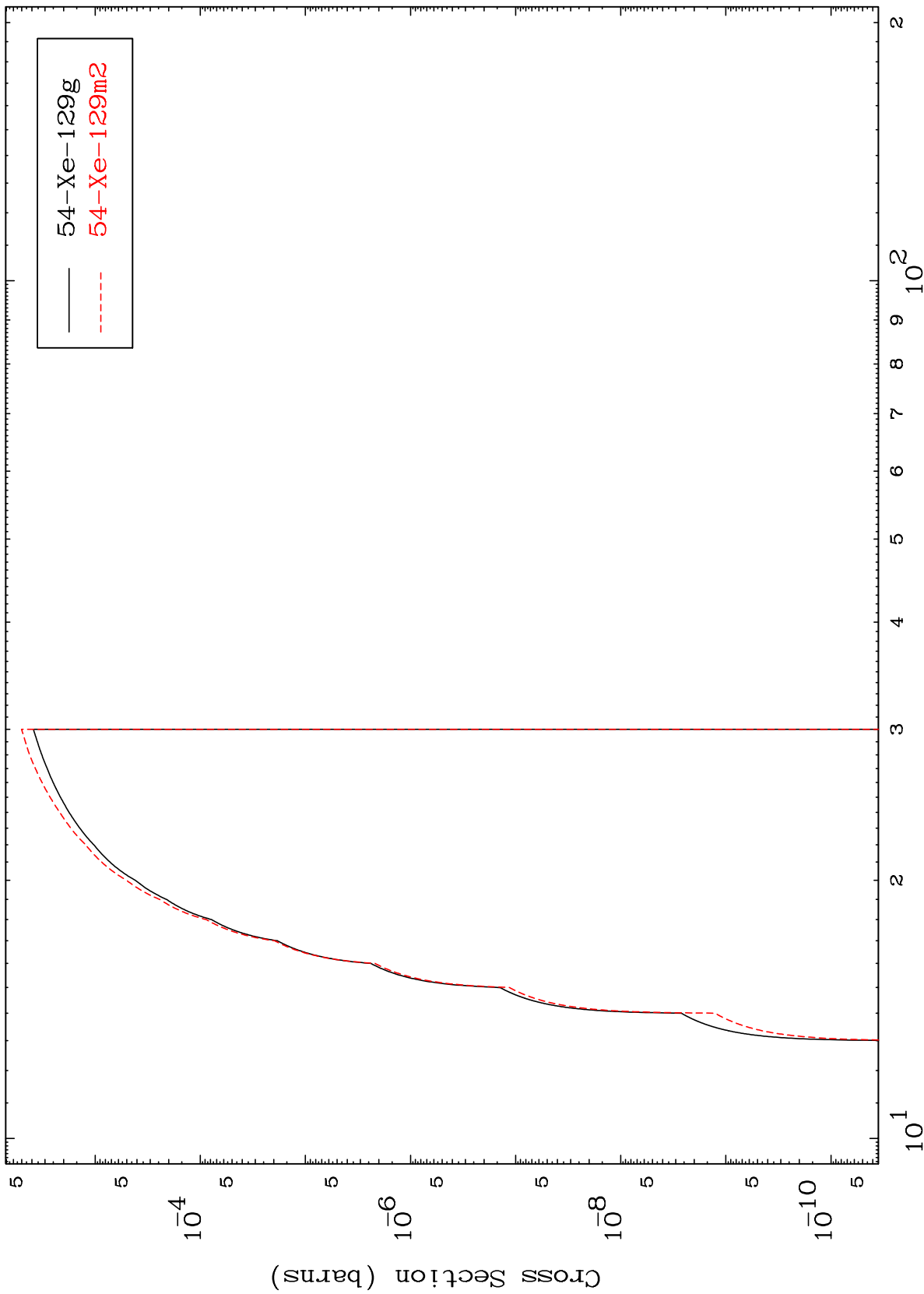
54-Xe-131

MAT 5446

(n,n') t

54-Xe-131

Radionuclide Production Cross Section



Incident Energy (MeV)

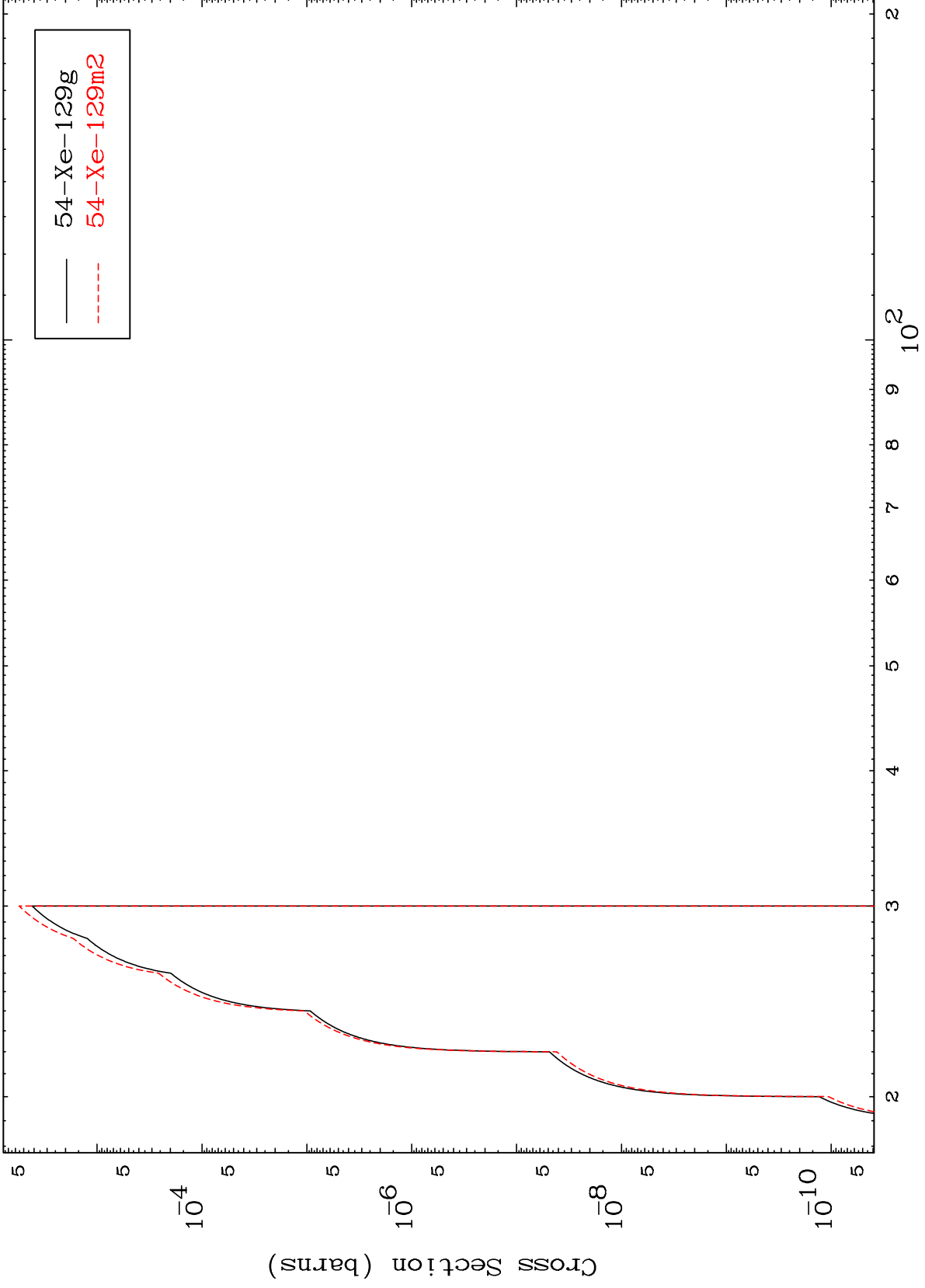
54-Xe-131

MAT 5446

(n,3n) p

54-Xe-131

Radionuclide Production Cross Section



17

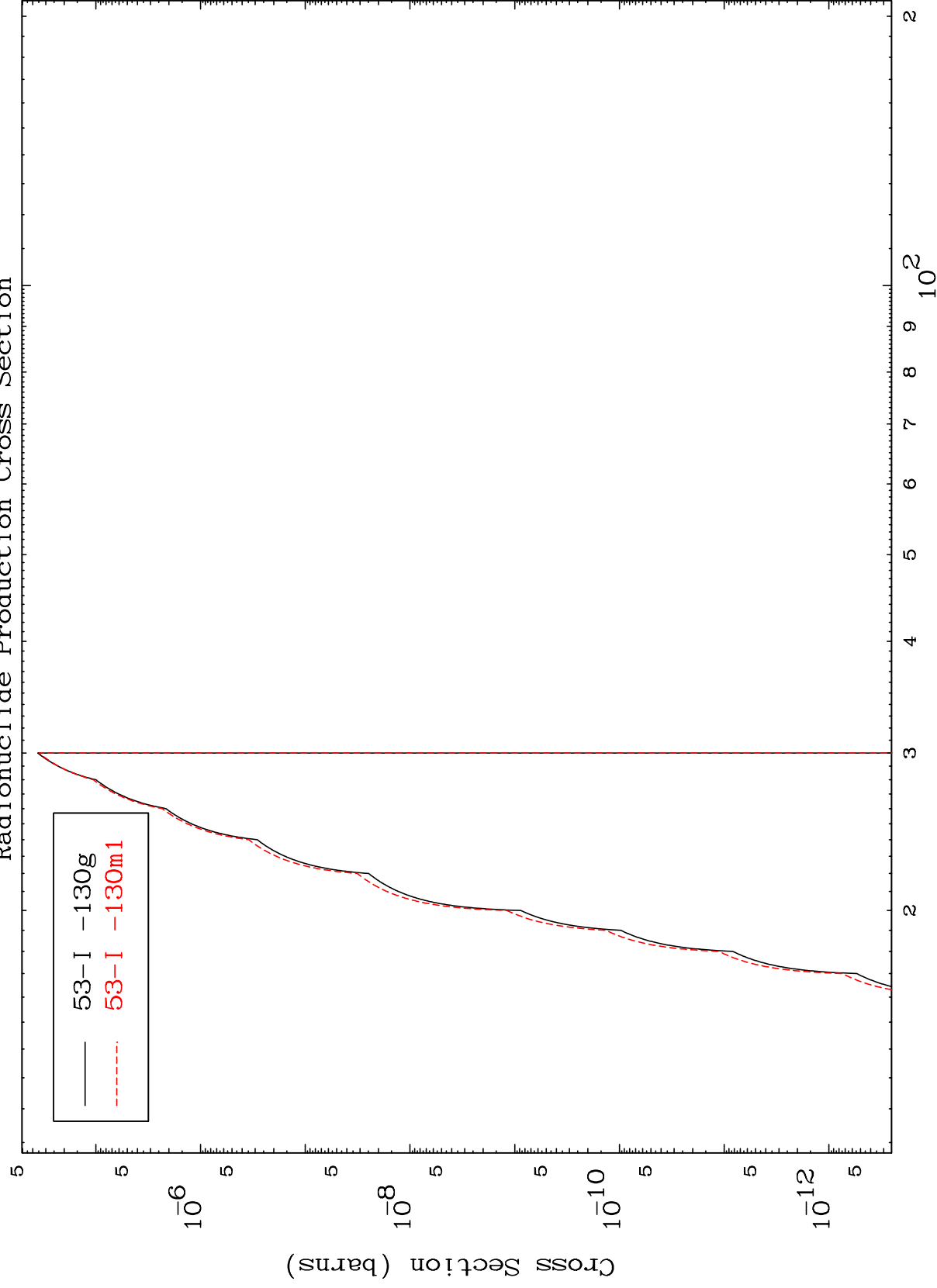
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,2n) p
Radionuclide Production Cross Section



54-Xe-131

Incident Energy (MeV)

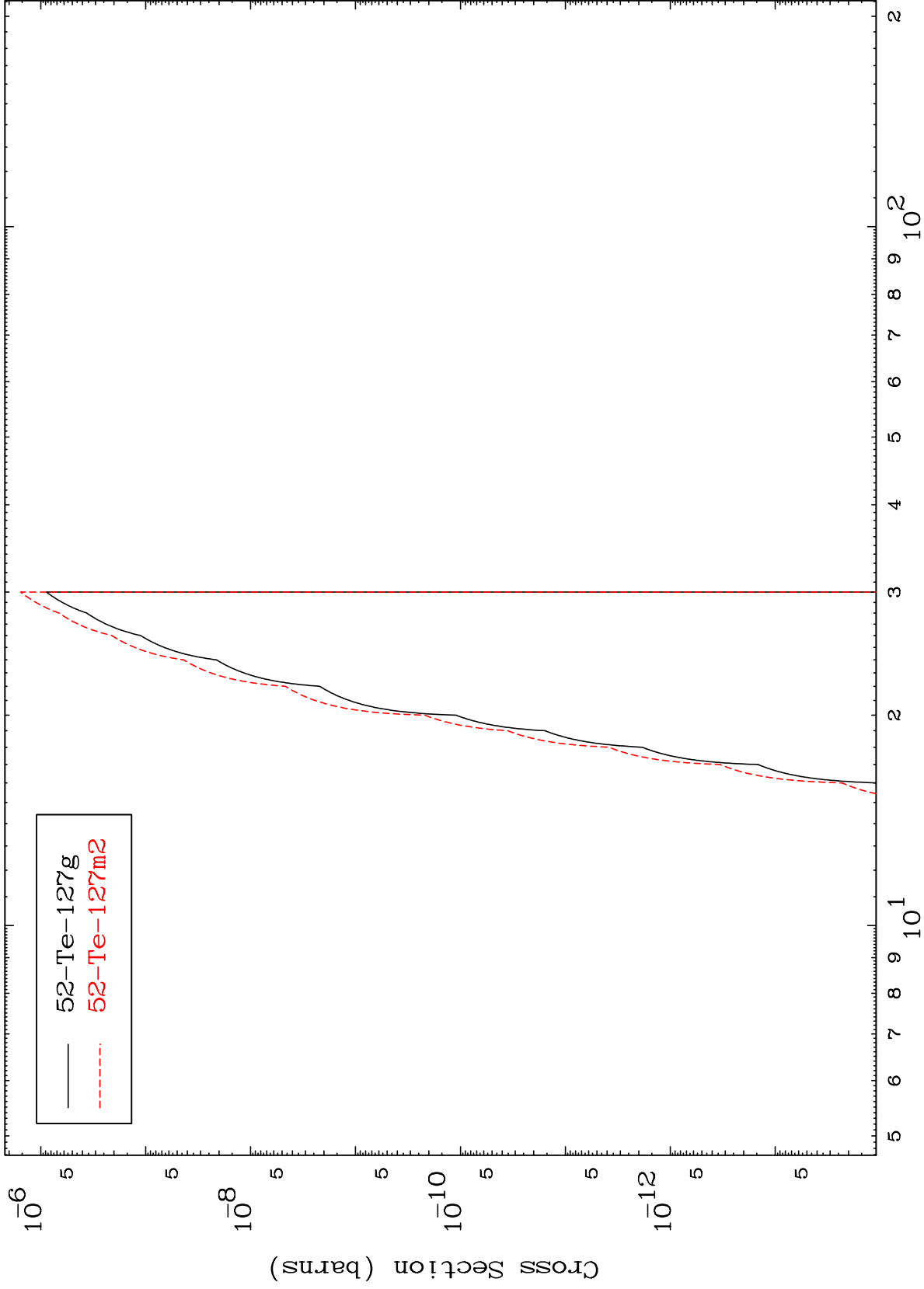
18

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(n,n') p α

54-Xe-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

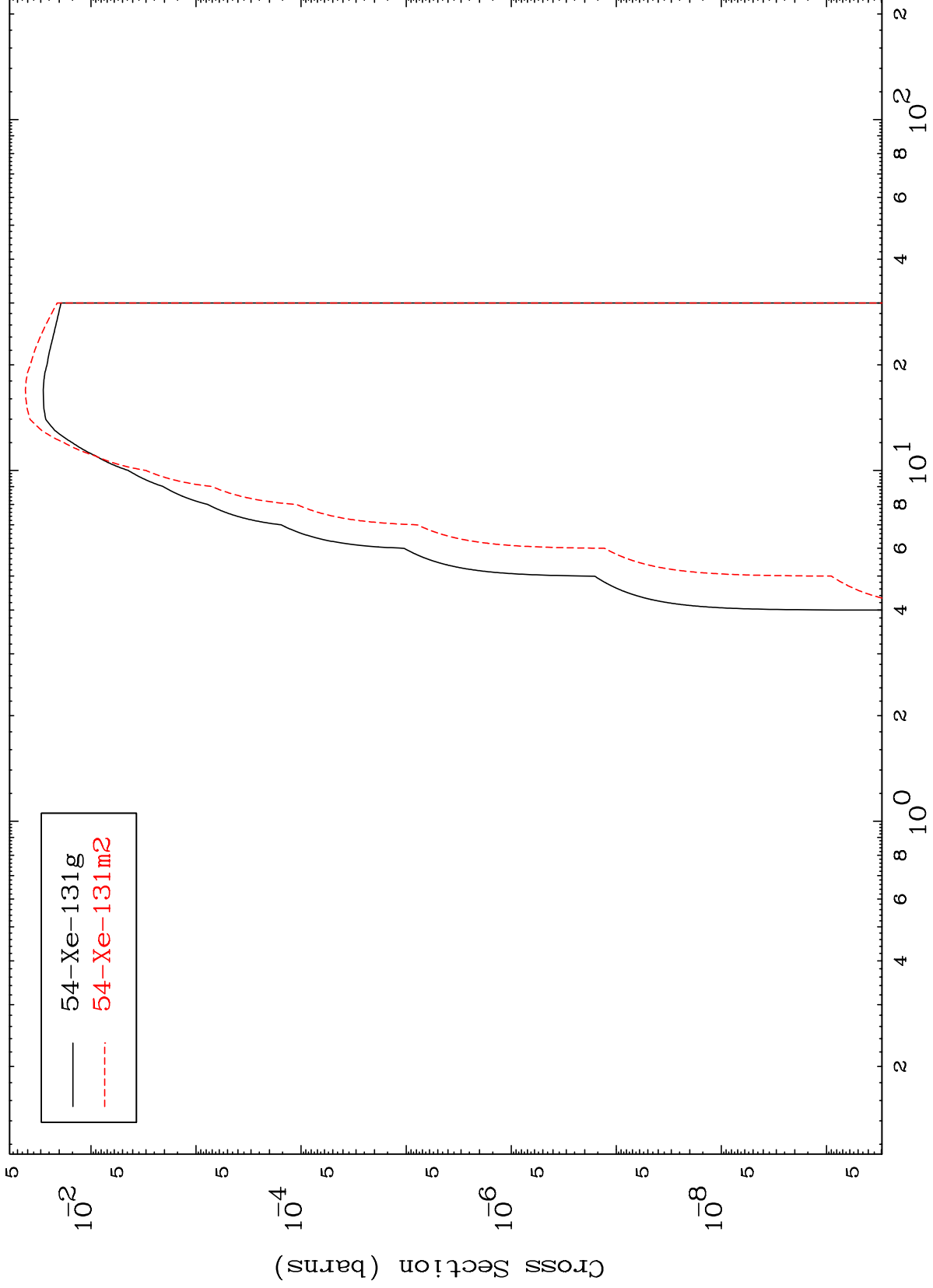
54-Xe-131

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(n,d)

54-Xe-131

Radionuclide Production Cross Section



20

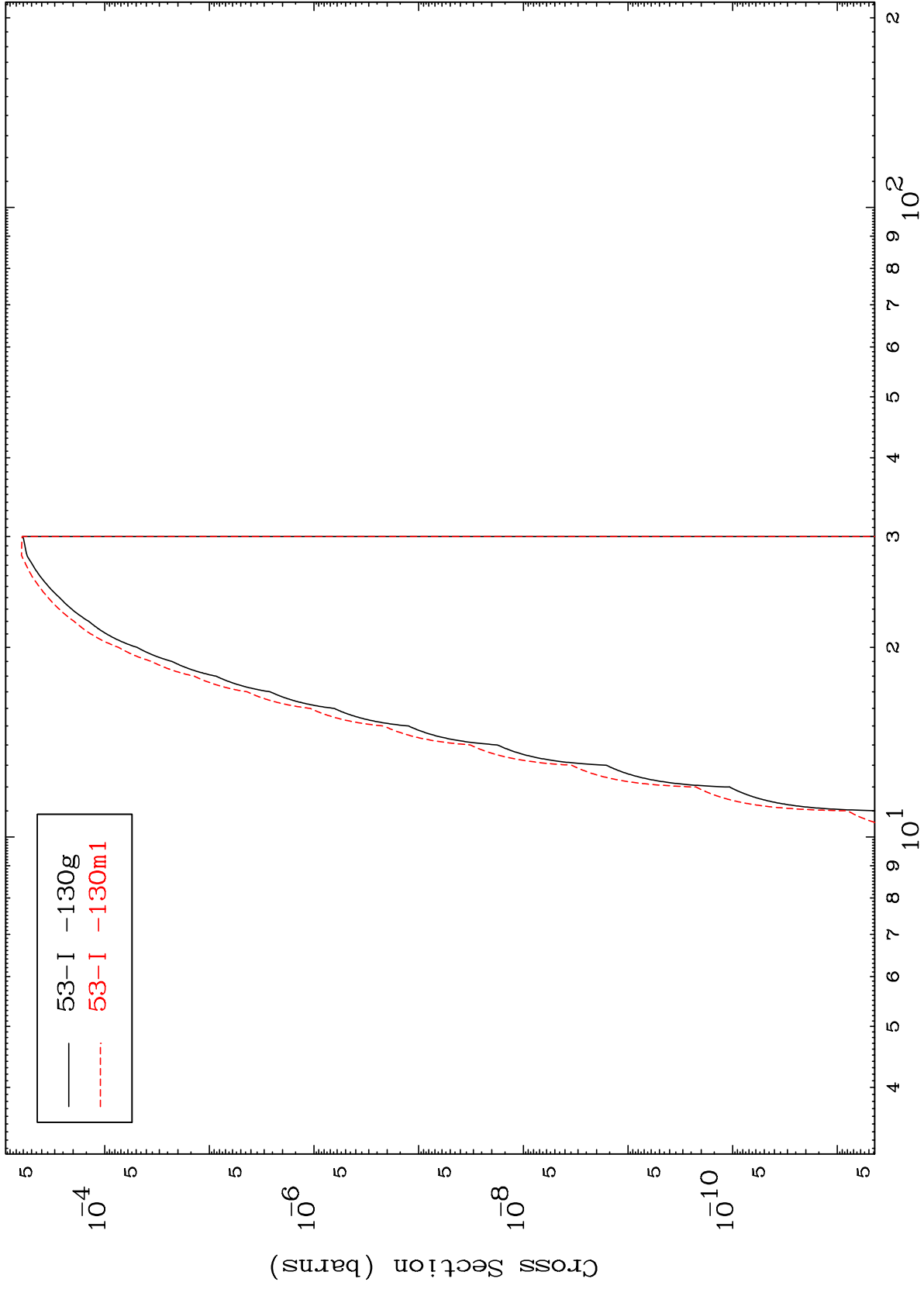
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,He-3)
Radionuclide Production Cross Section



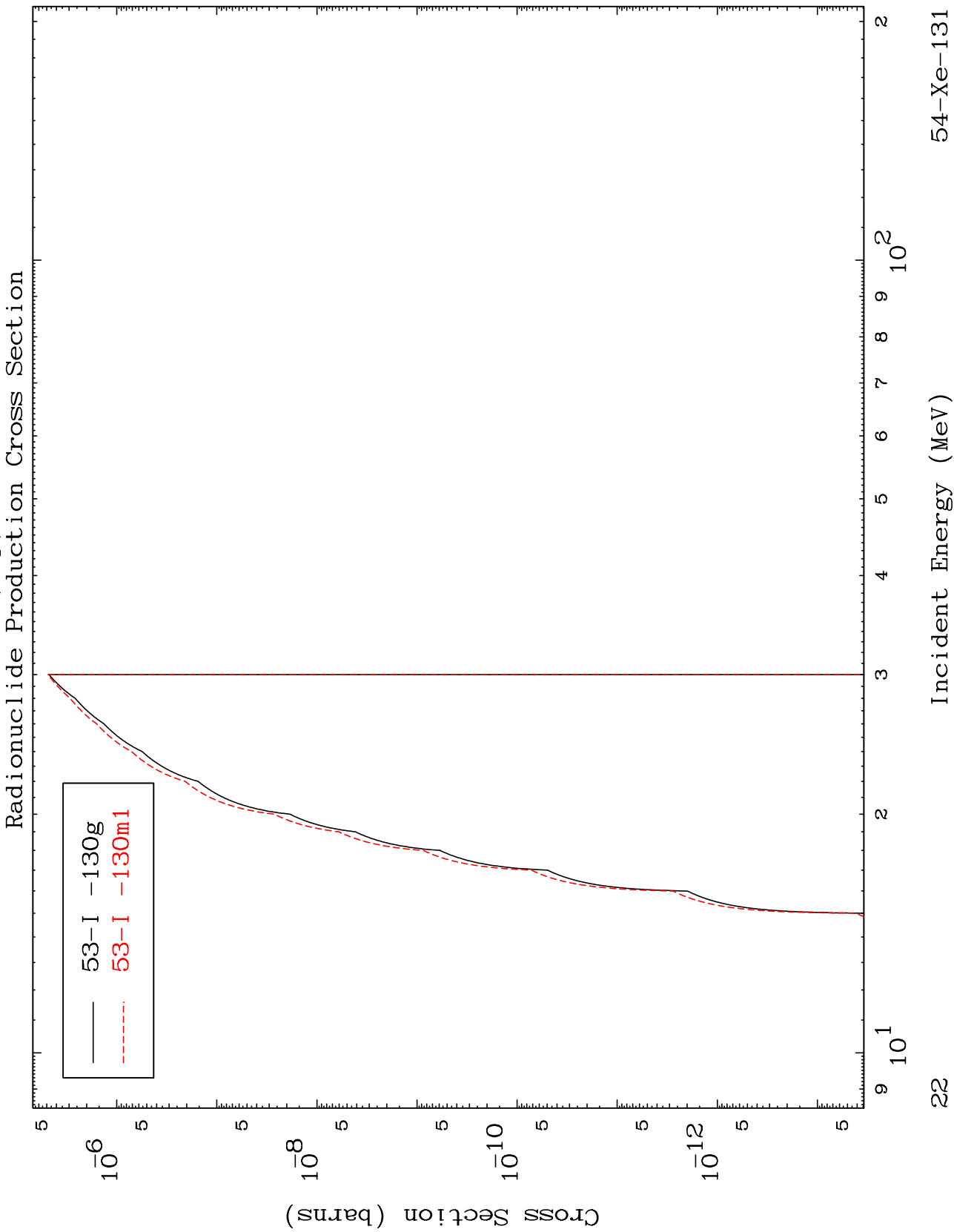
21

54-Xe-131

MAT 5446

(n,p) d

54-Xe-131



22

Incident Energy (MeV)

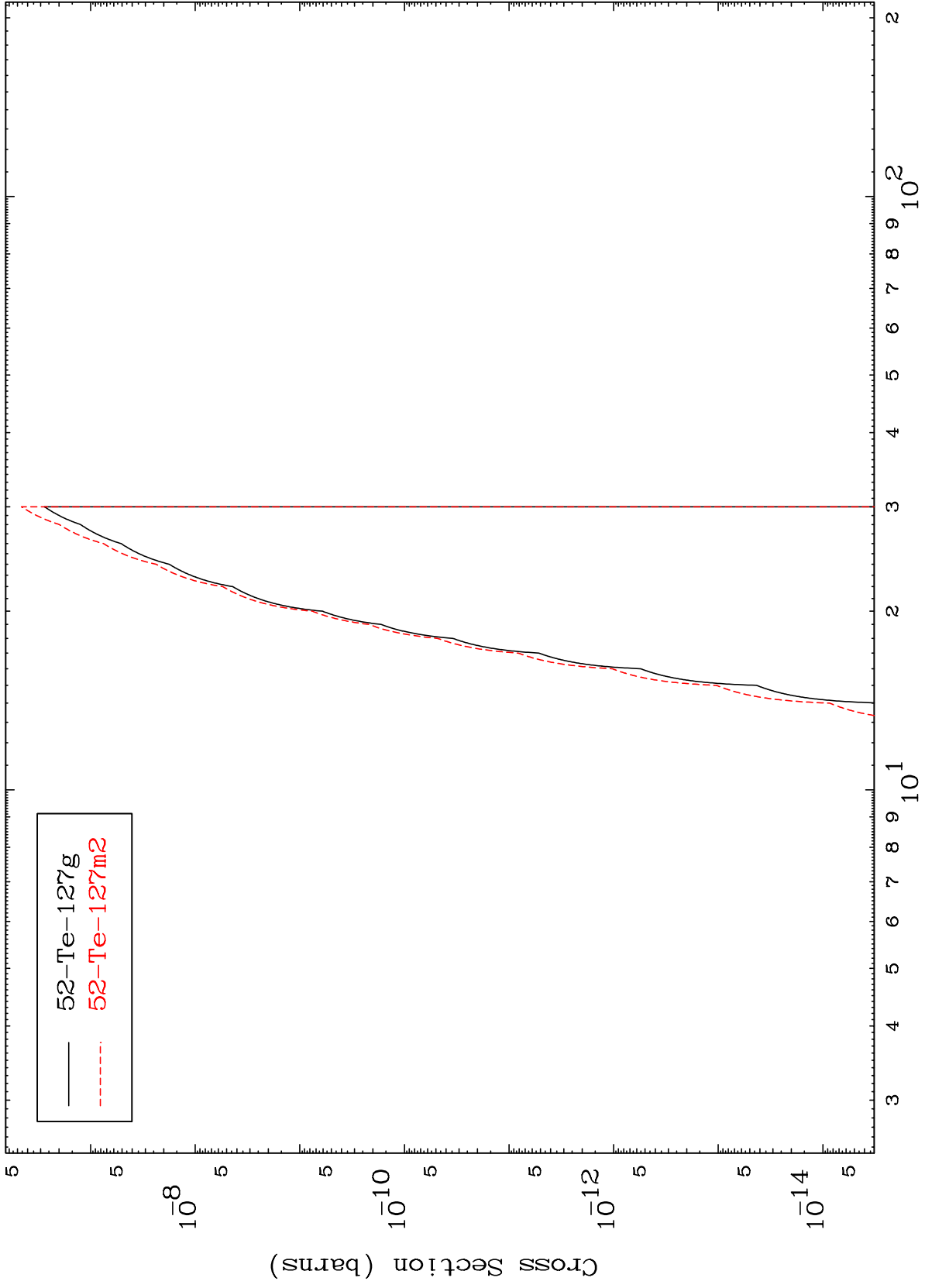
54-Xe-131

MAT 5446

(n,d) α

54-Xe-131

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2