

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

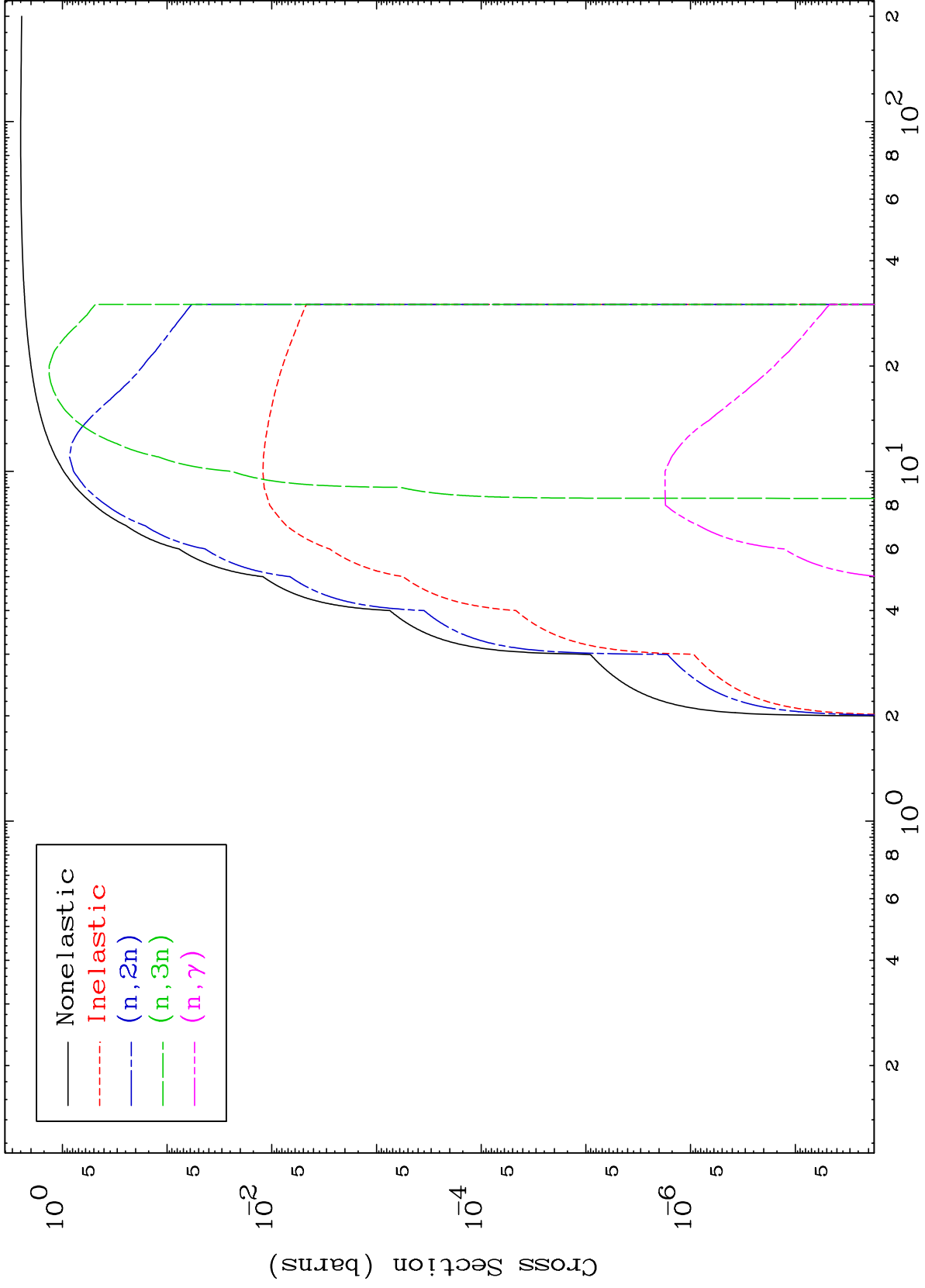
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Web:redcullen1.net/HOMEPAGE.NEW

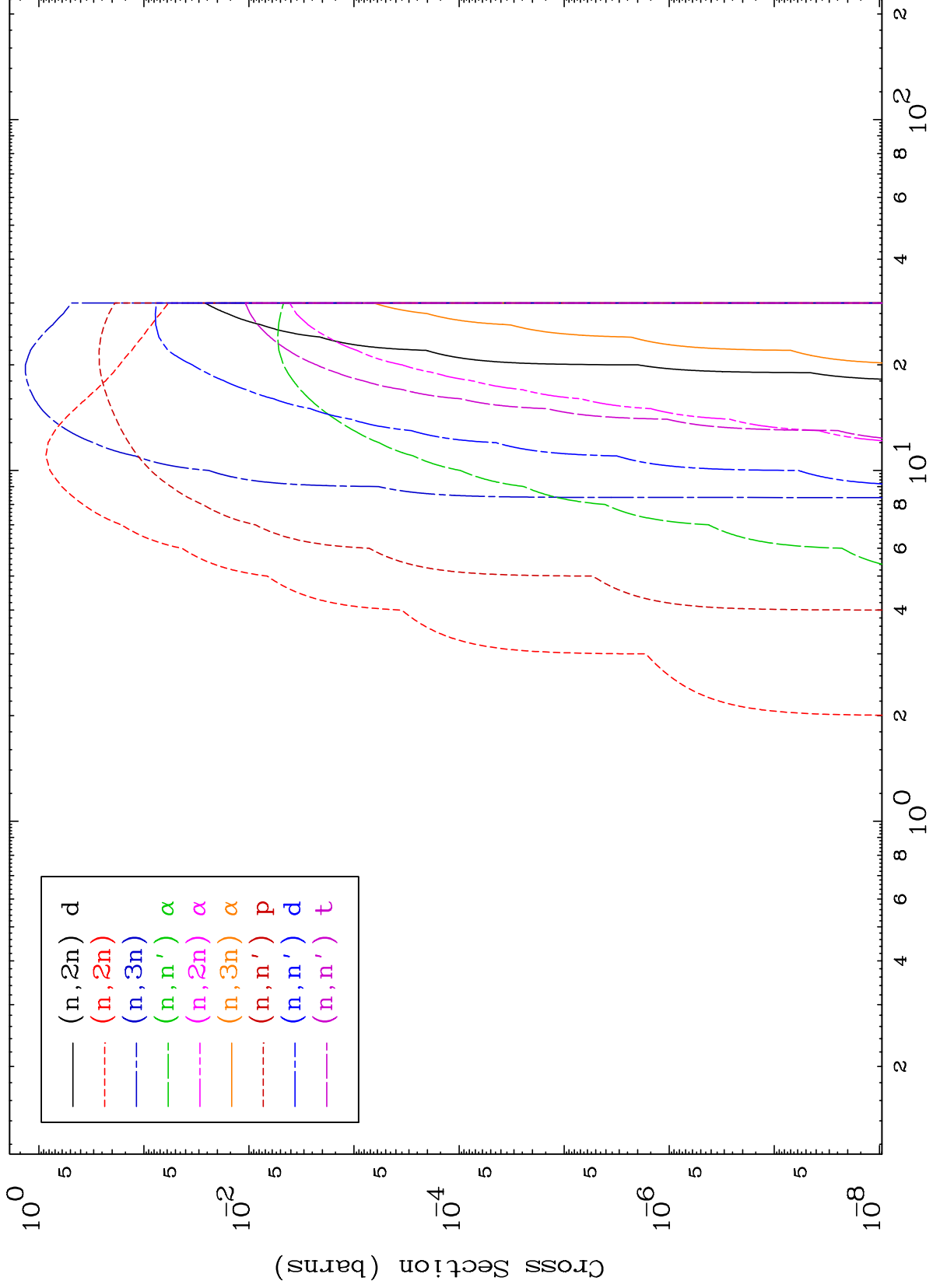
Press Mouse Button to Start



MAT 5341

Deuteron Neutron Absorption
0 Kelvin Cross Sections

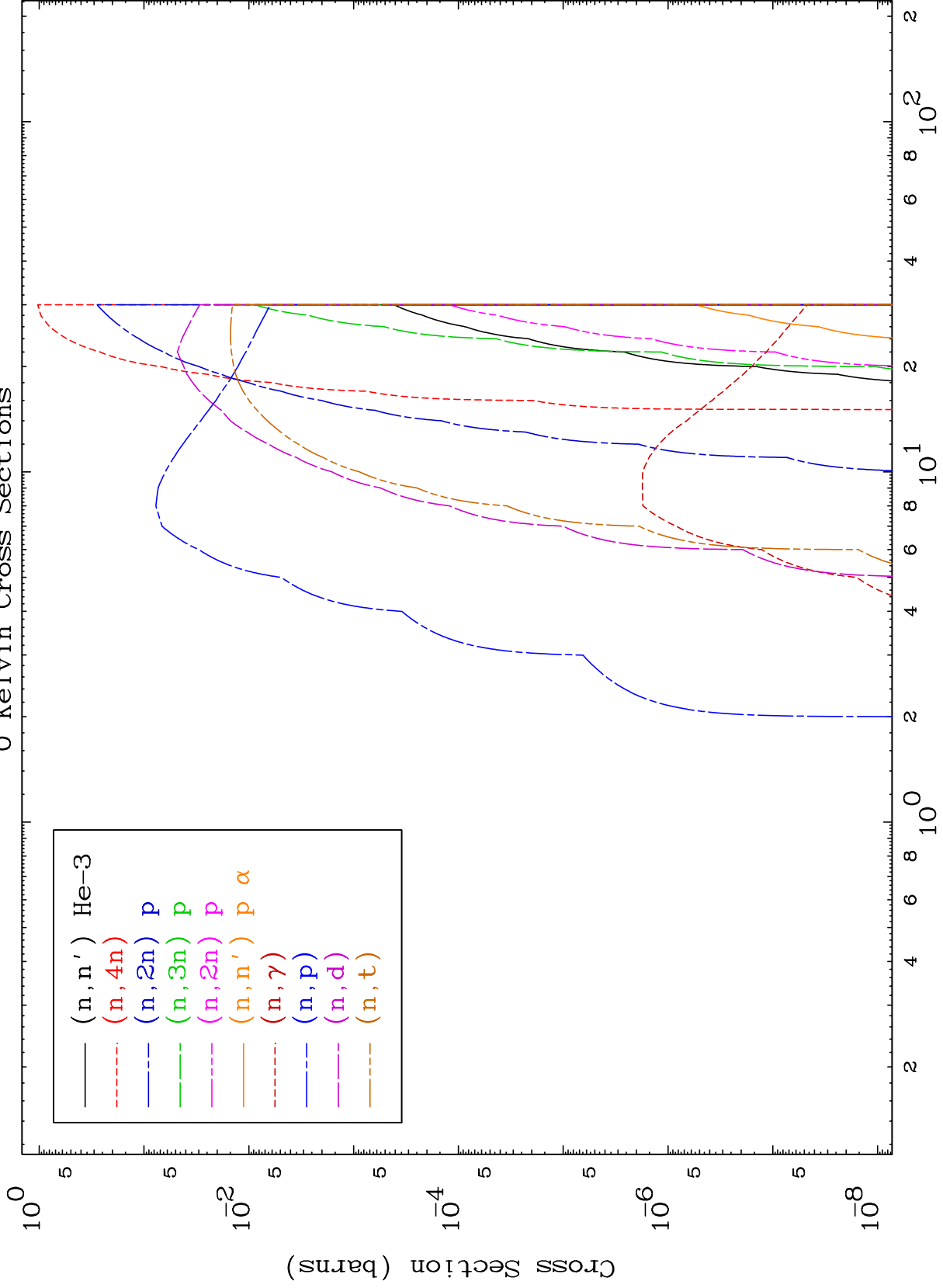
53-I -132m

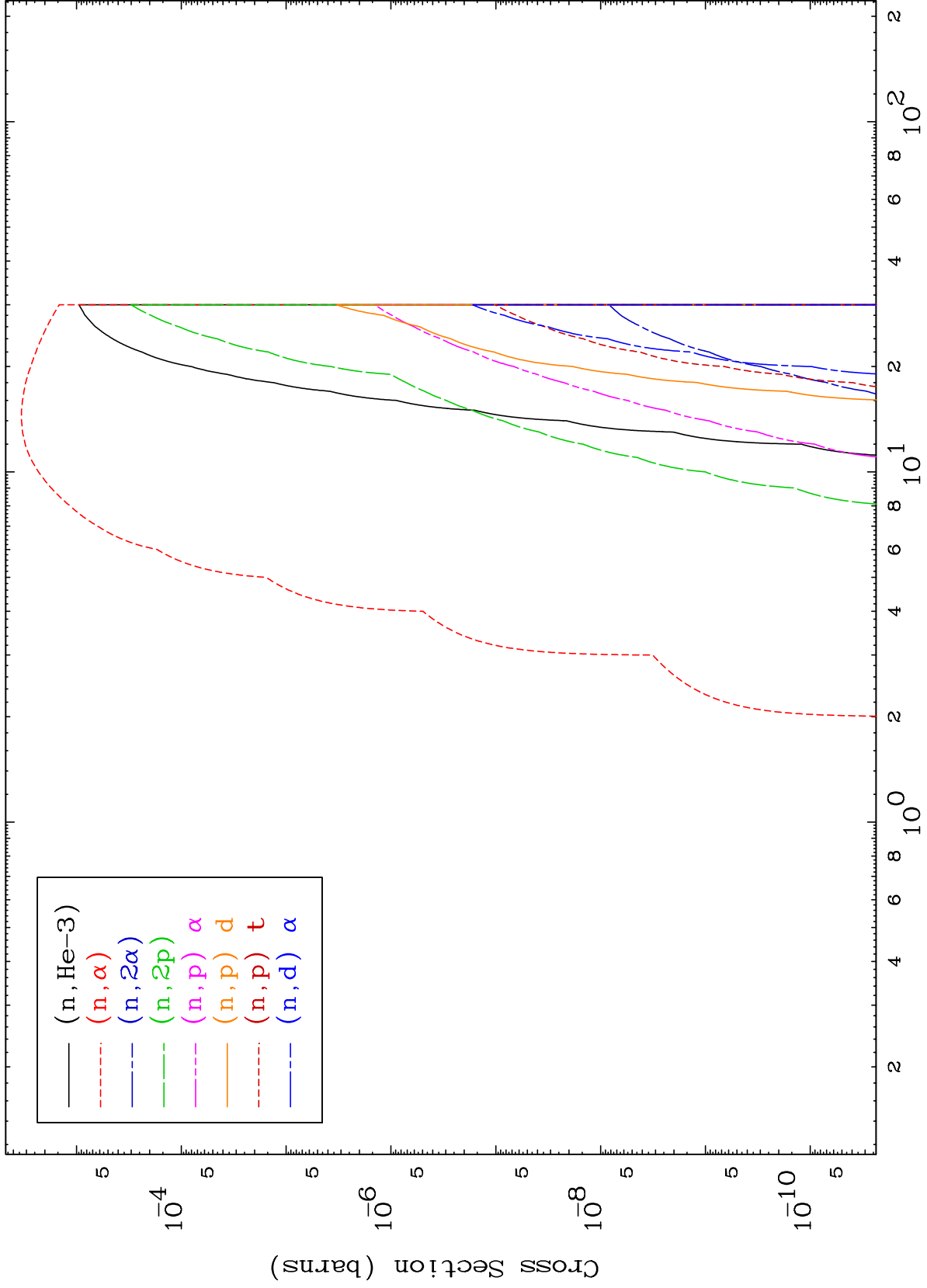


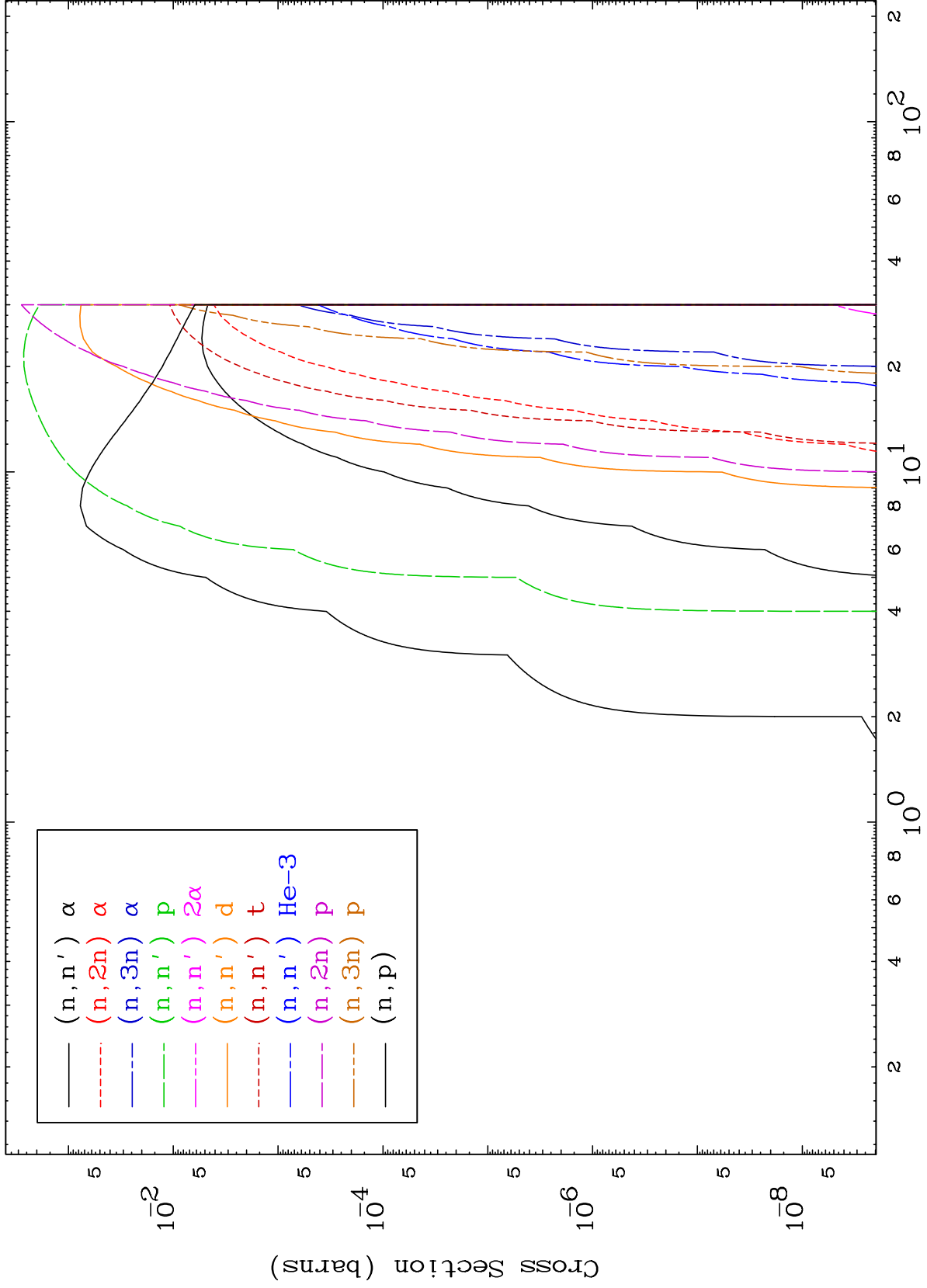
MAT 5341

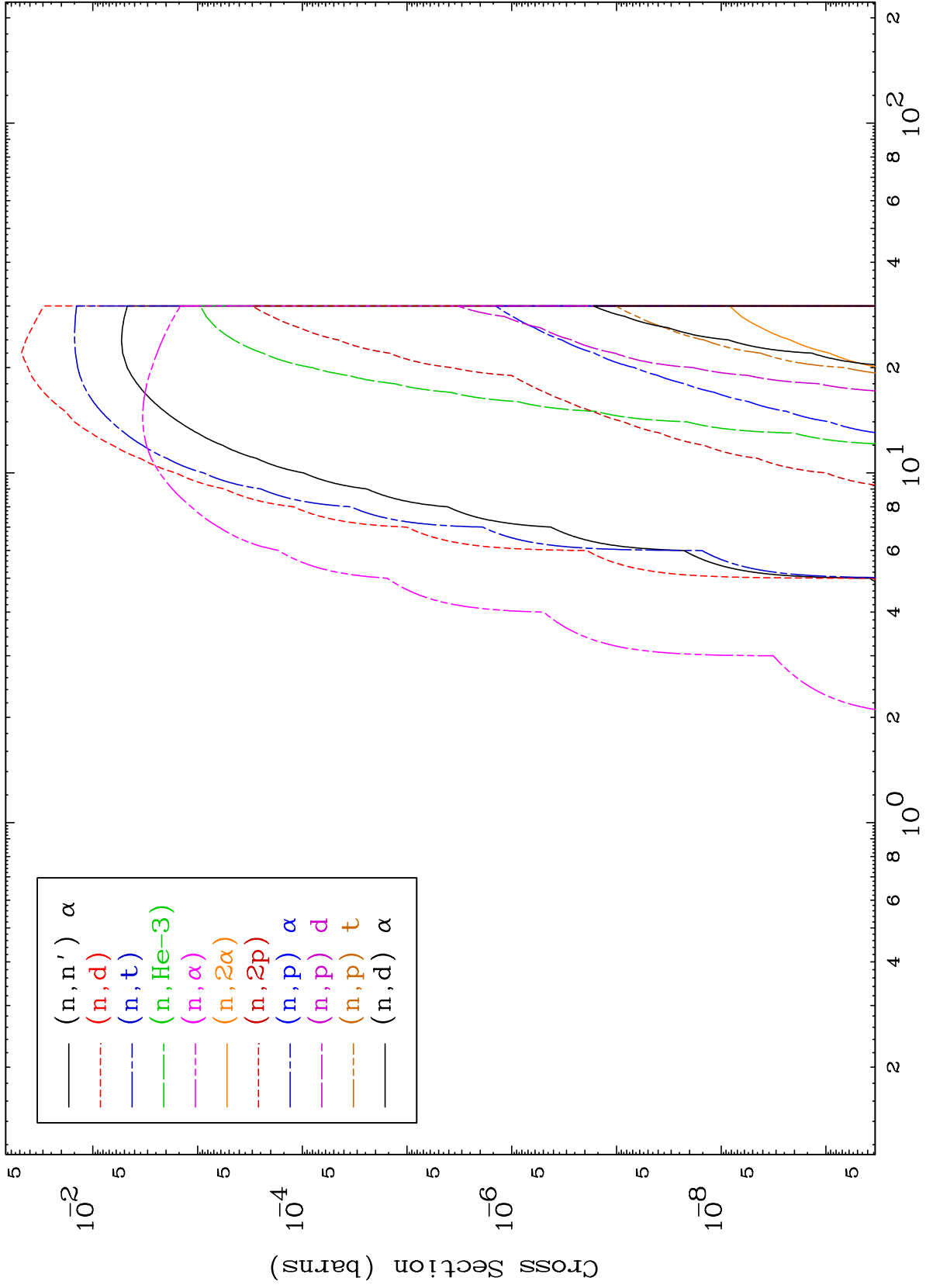
Deuteron Neutron Absorption
0 Kelvin Cross Sections

53-I -132m







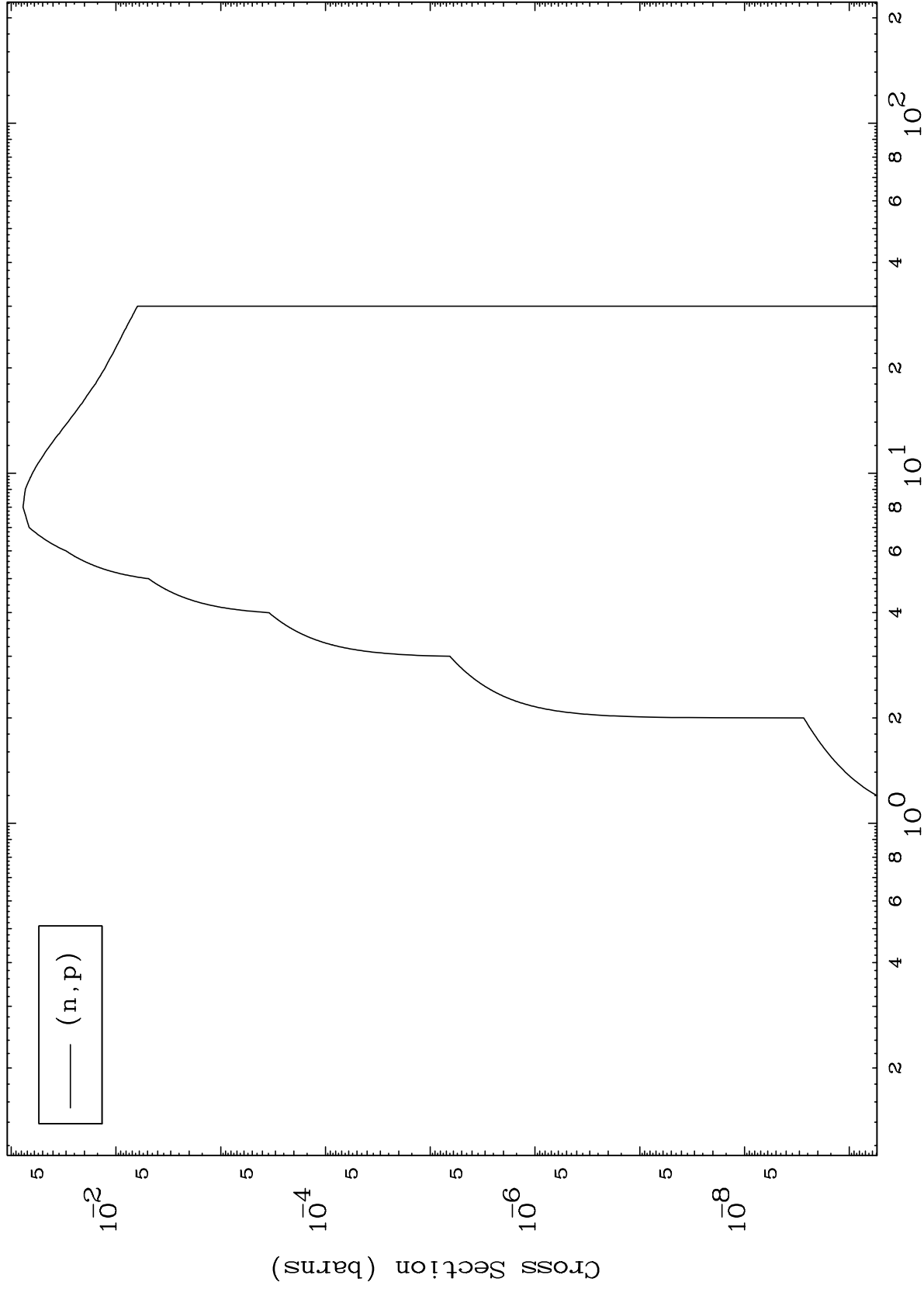


MAT 5341

(d,p) Levels

53-I -132m

0 Kelvin Cross Sections

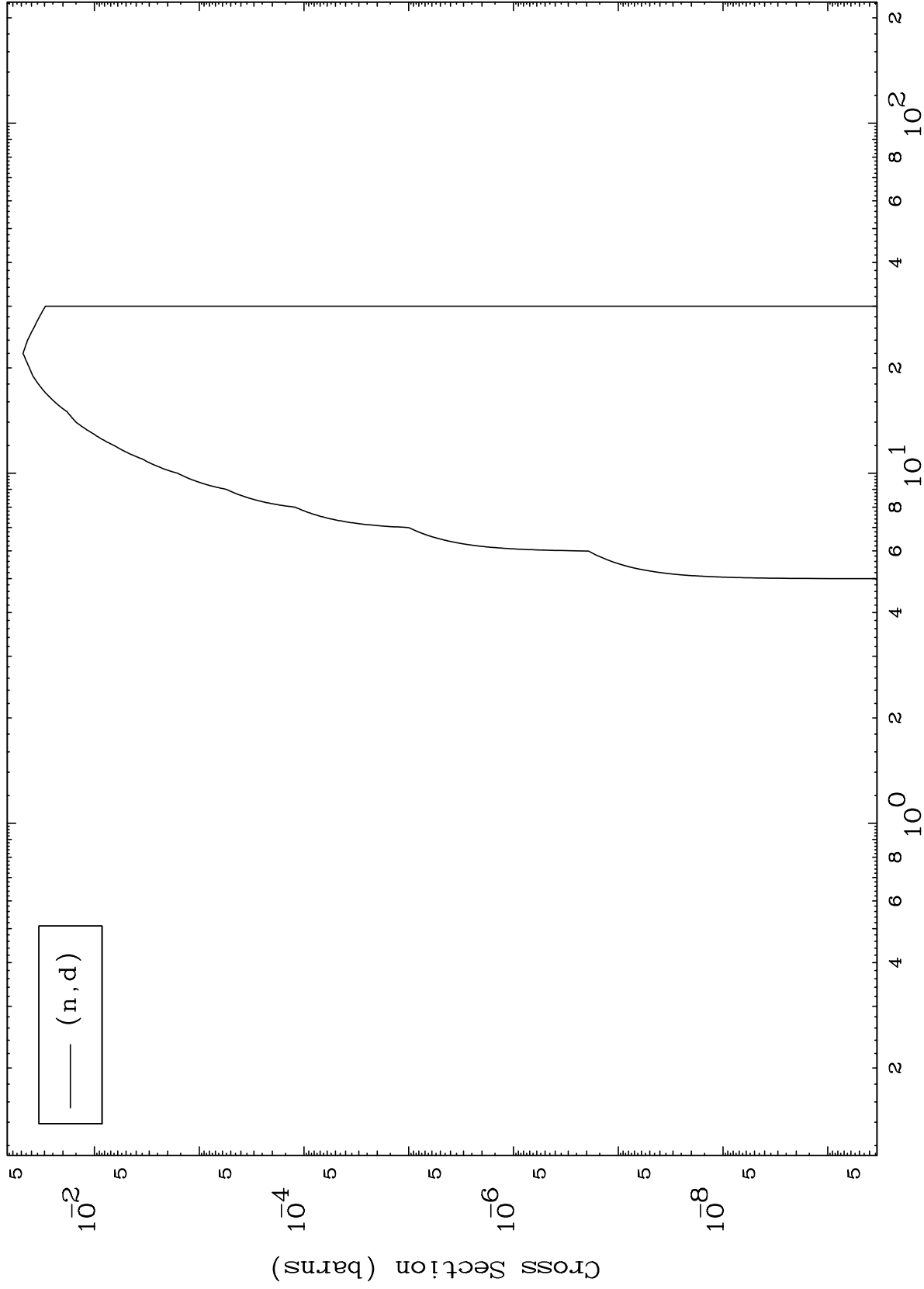


MAT 5341

(d,d) Levels

53-I -132m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

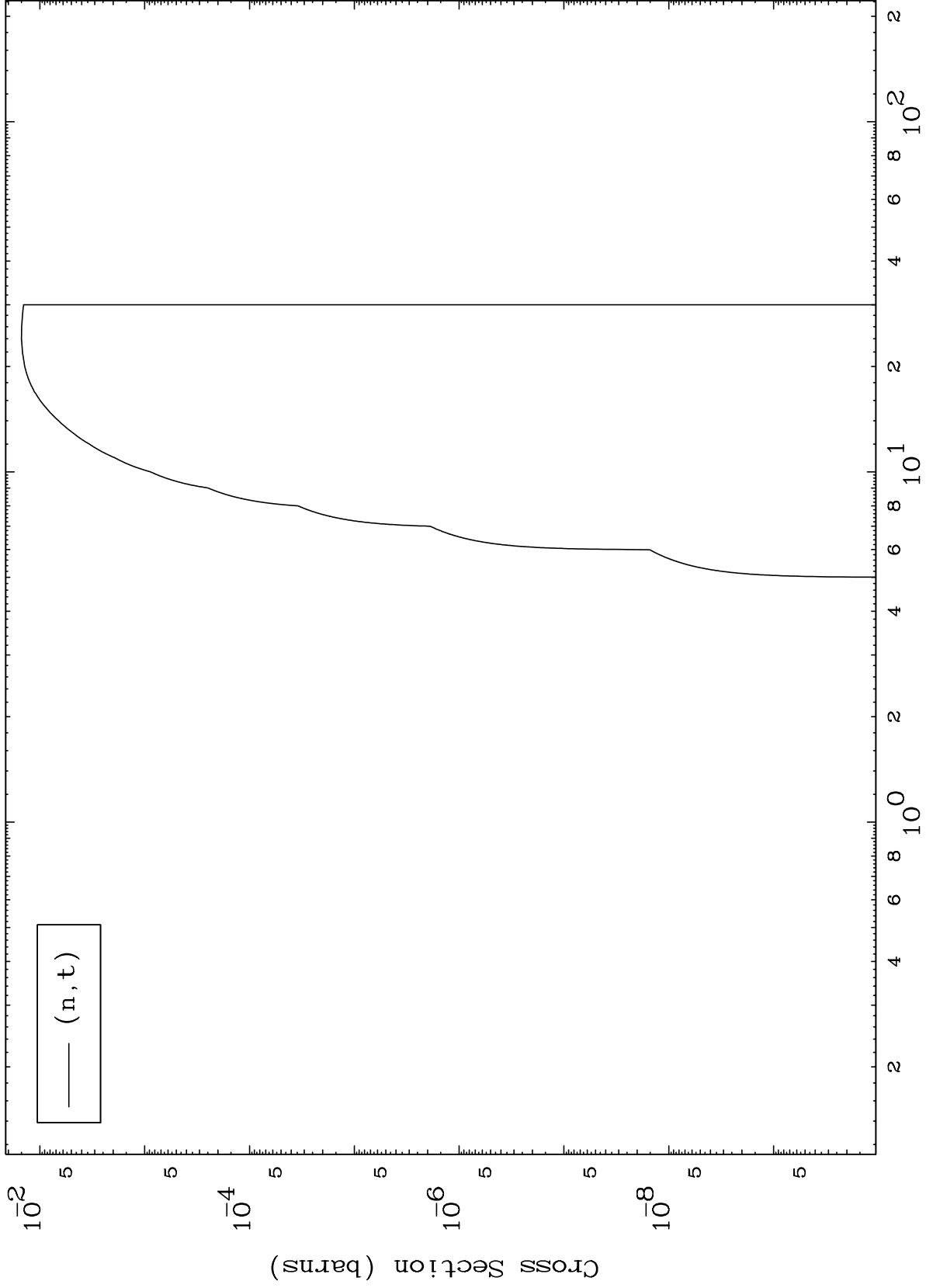
53-I -132m

MAT 5341

(d,t) Levels

53-I -132m

0 Kelvin Cross Sections

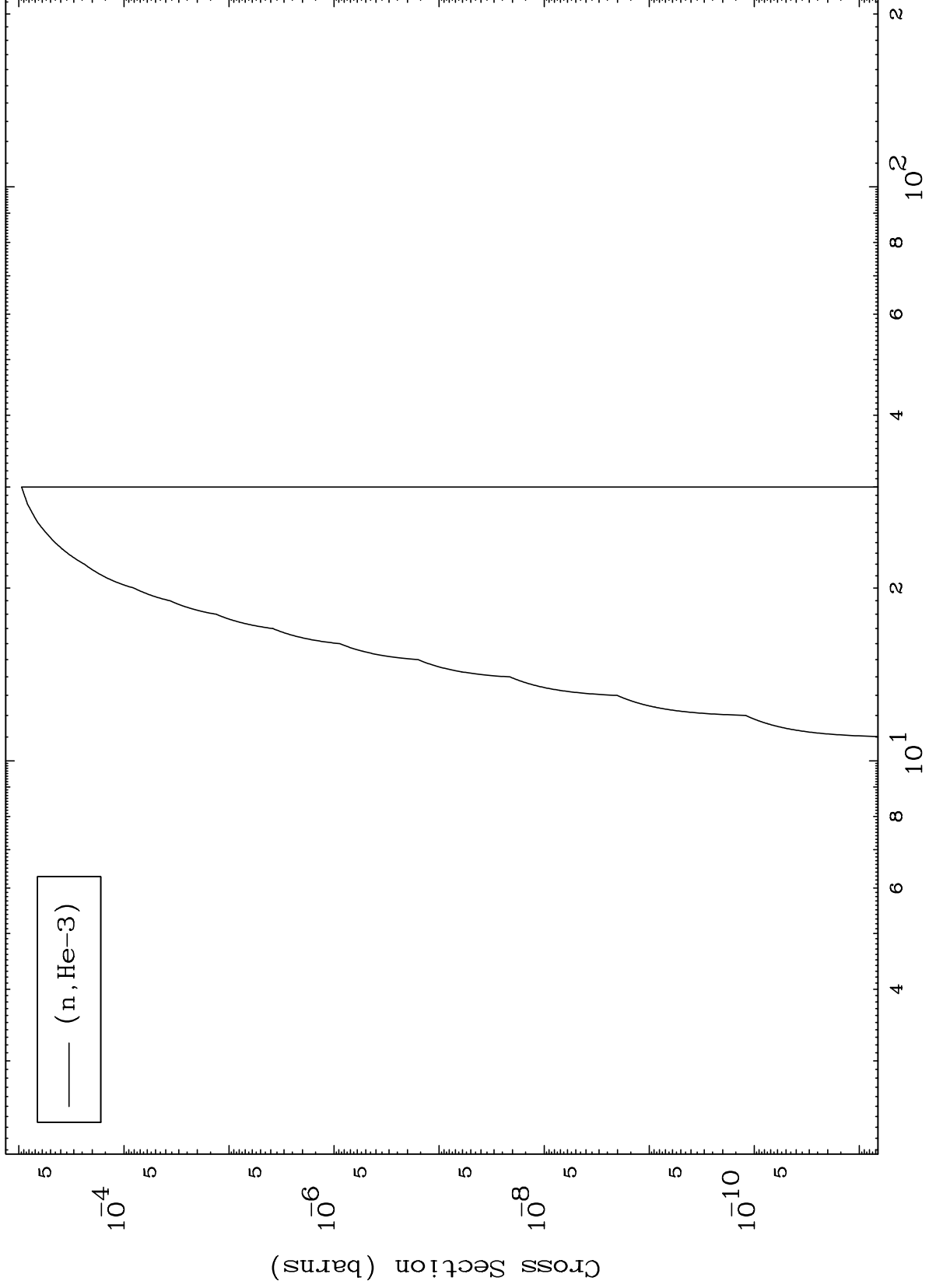


MAT 5341

(d,He3) Levels

53-I -132m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

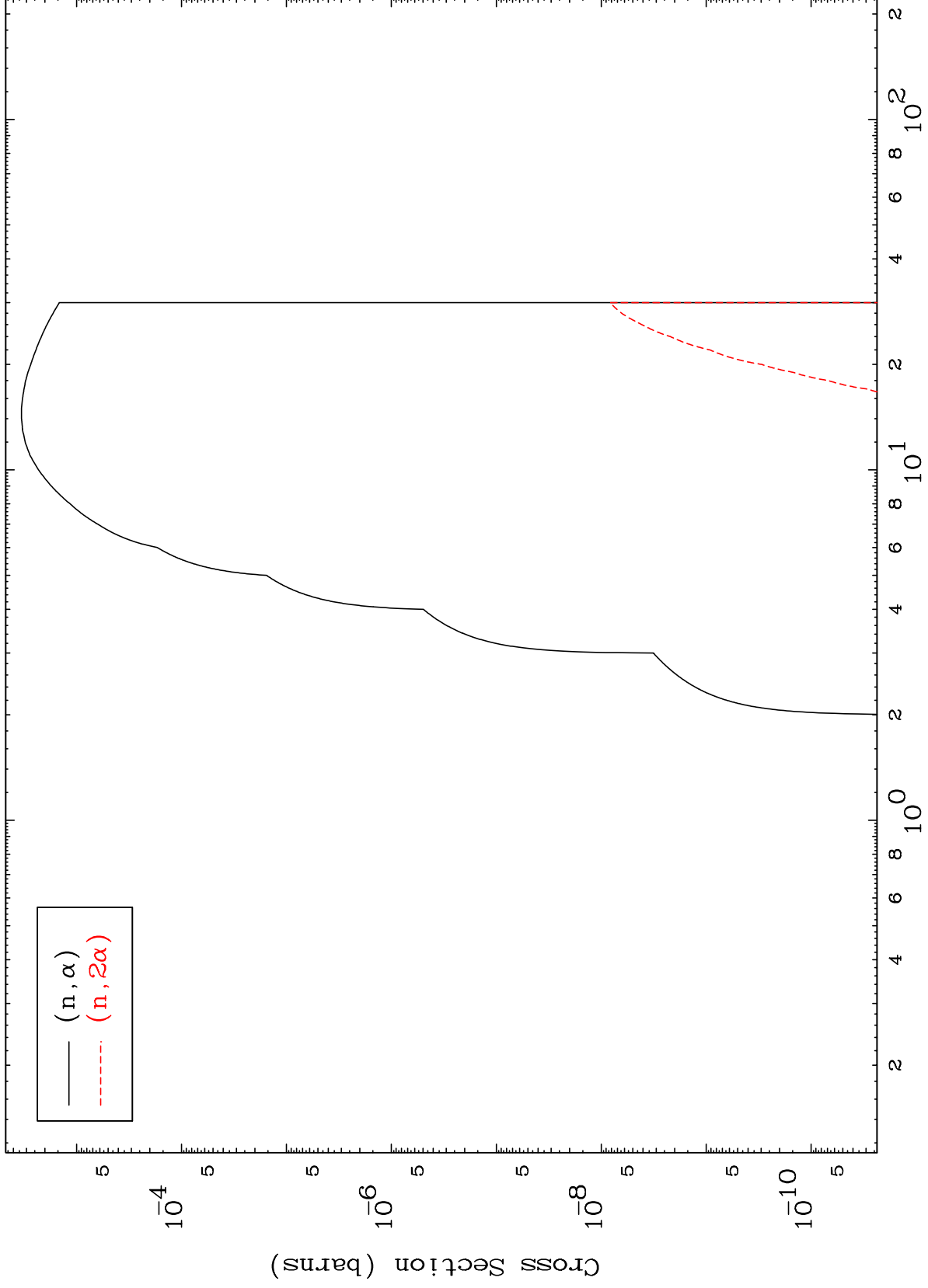
53-I -132m

MAT 5341

(d, α) Levels

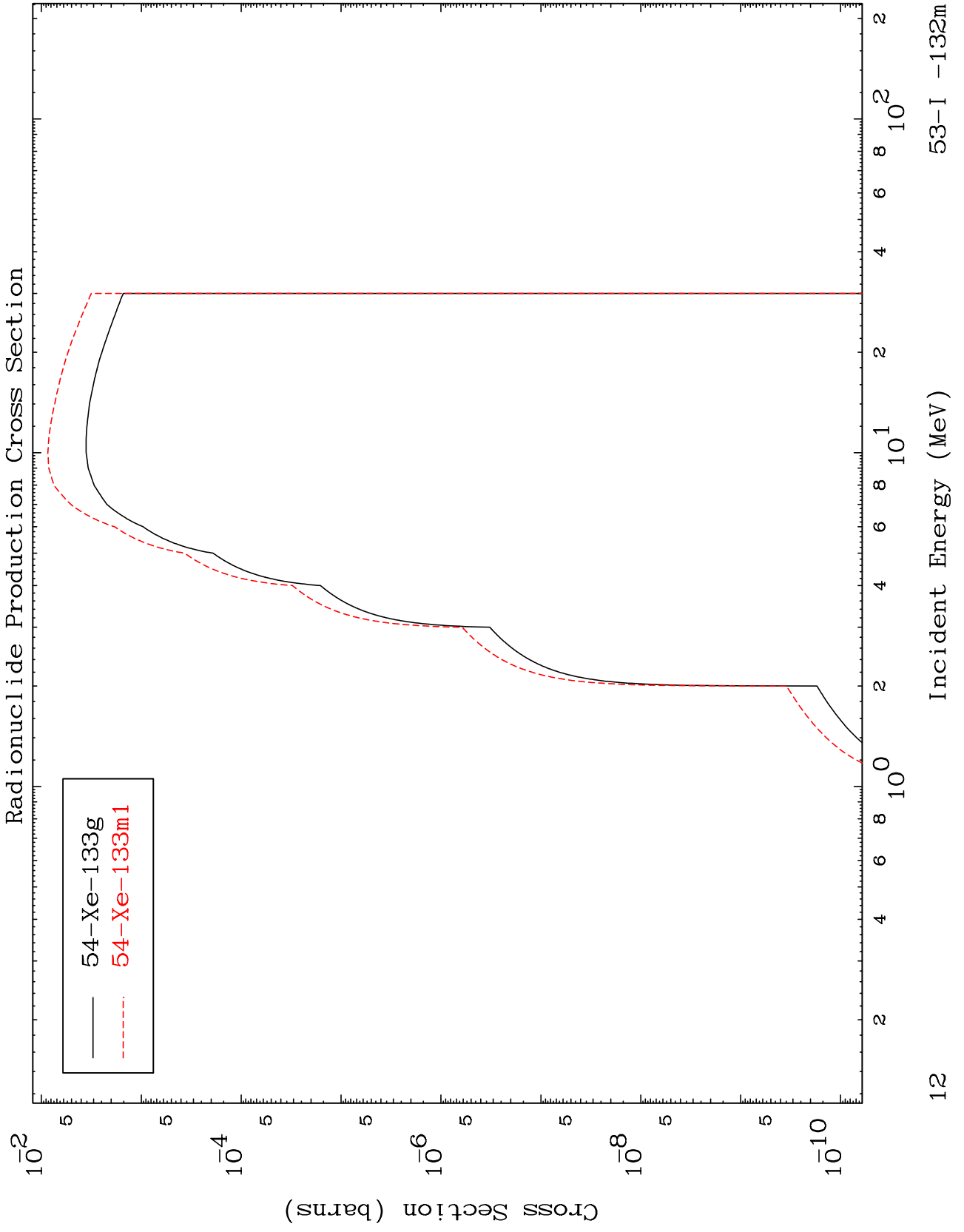
53-I -132m

0 Kelvin Cross Sections



MAT 5341

53-I -132m

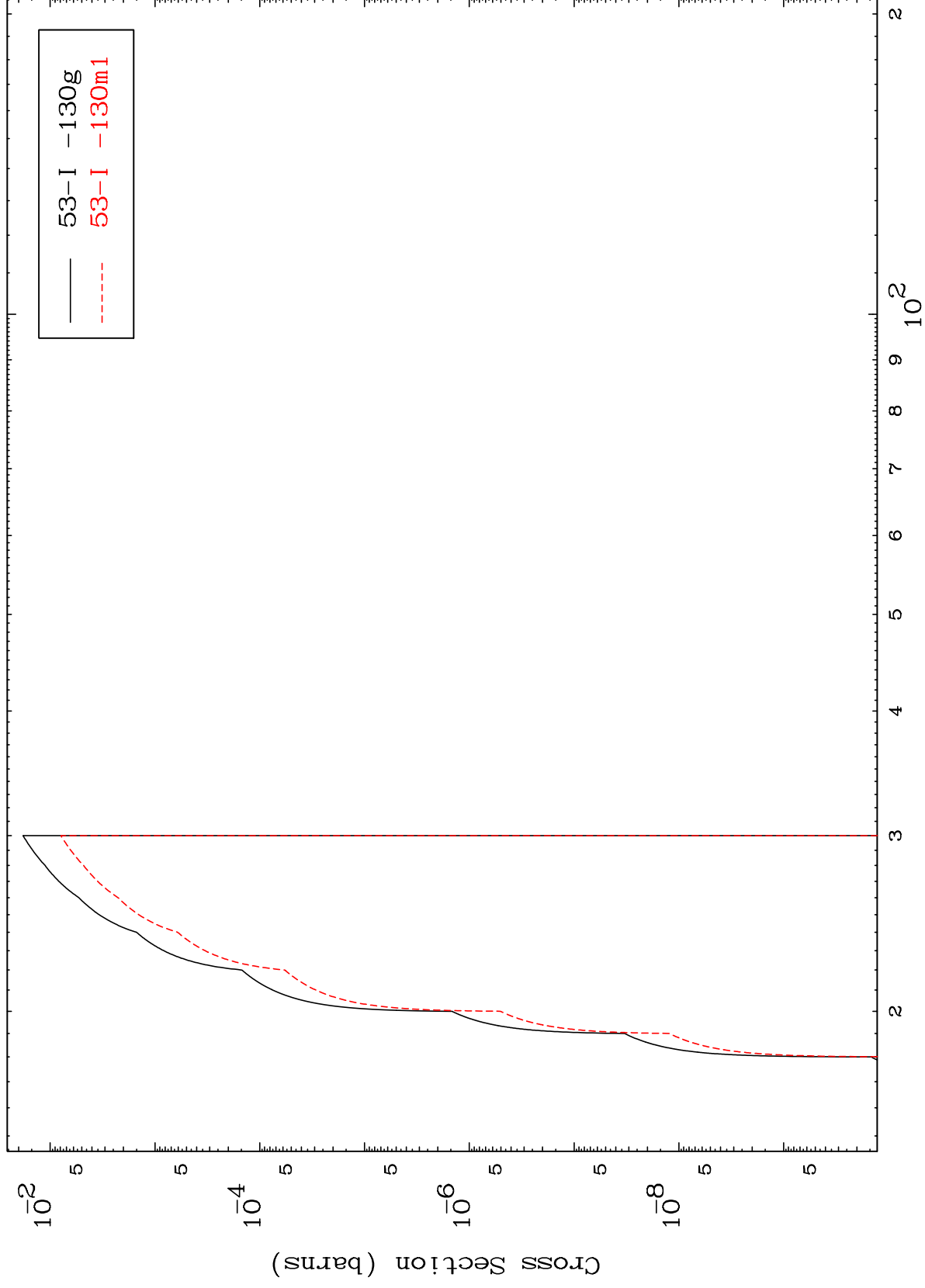


MAT 5341

(n,2n) d

53-I -132m

Radionuclide Production Cross Section



13

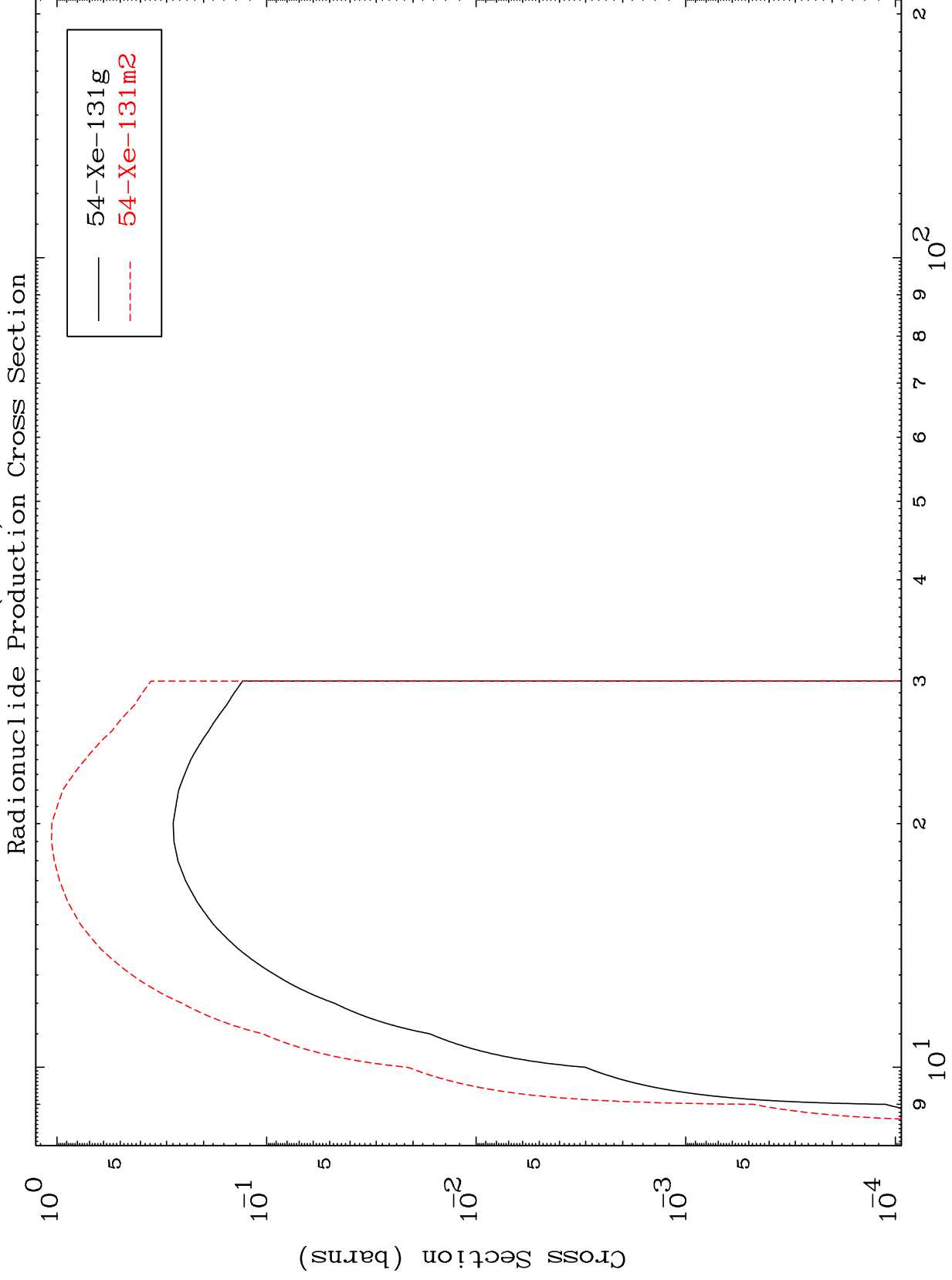
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,3n)

53-I -132m



14

Incident Energy (MeV)

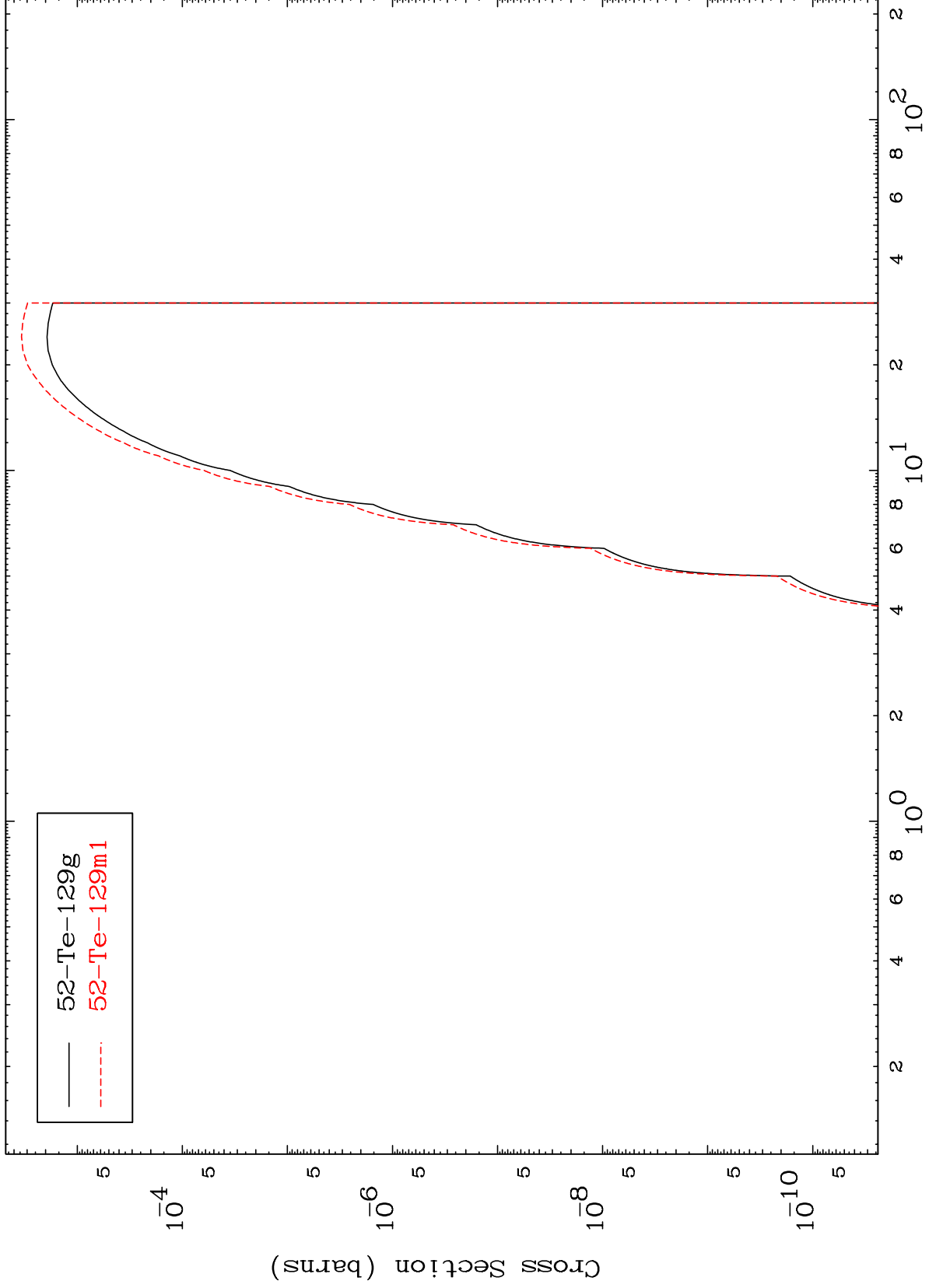
53-I -132m

MAT 5341

(n,n') α

53-I -132m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

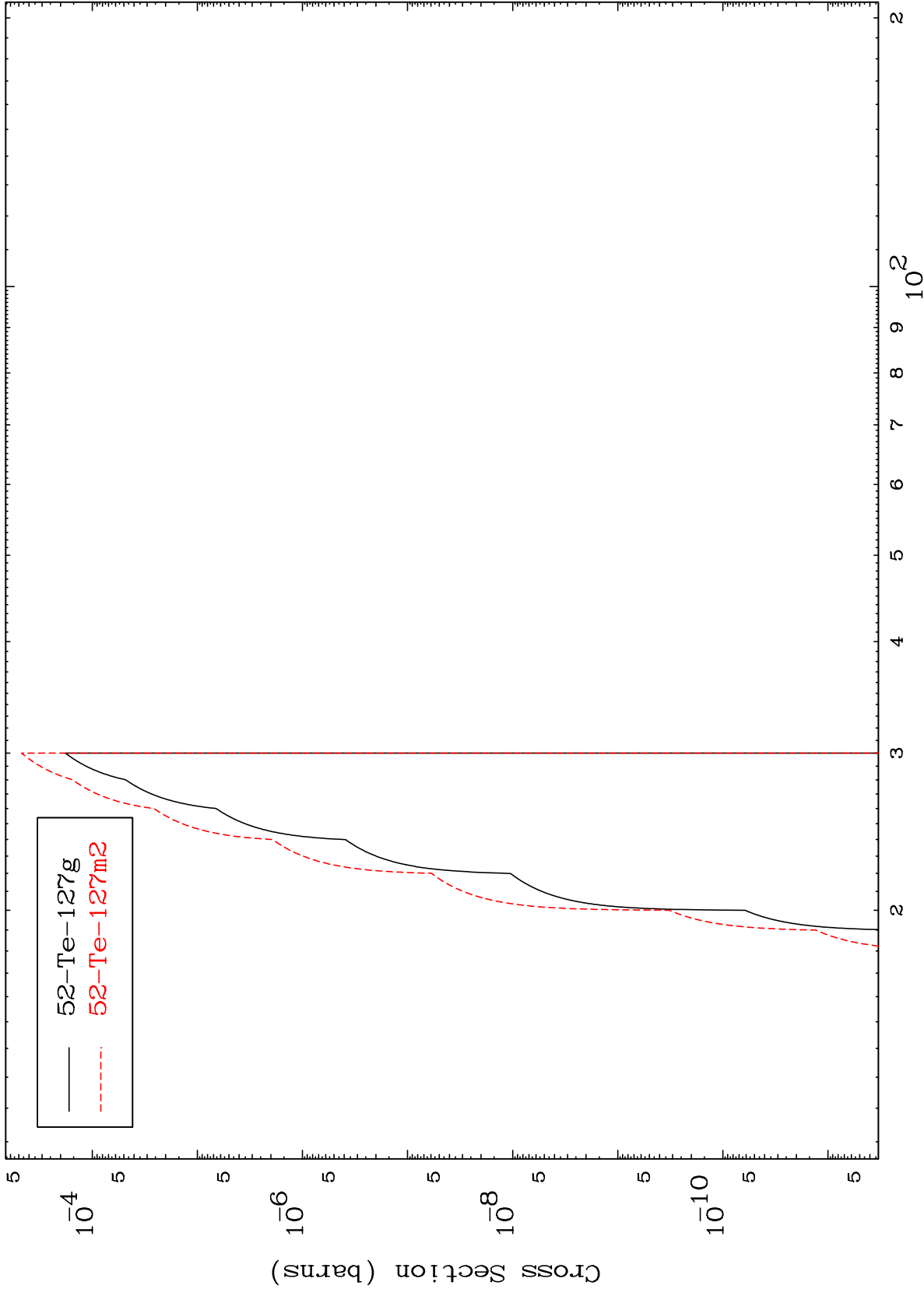
53-I -132m

MAT 5341

(n,3n) α

53-I -132m

Radionuclide Production Cross Section

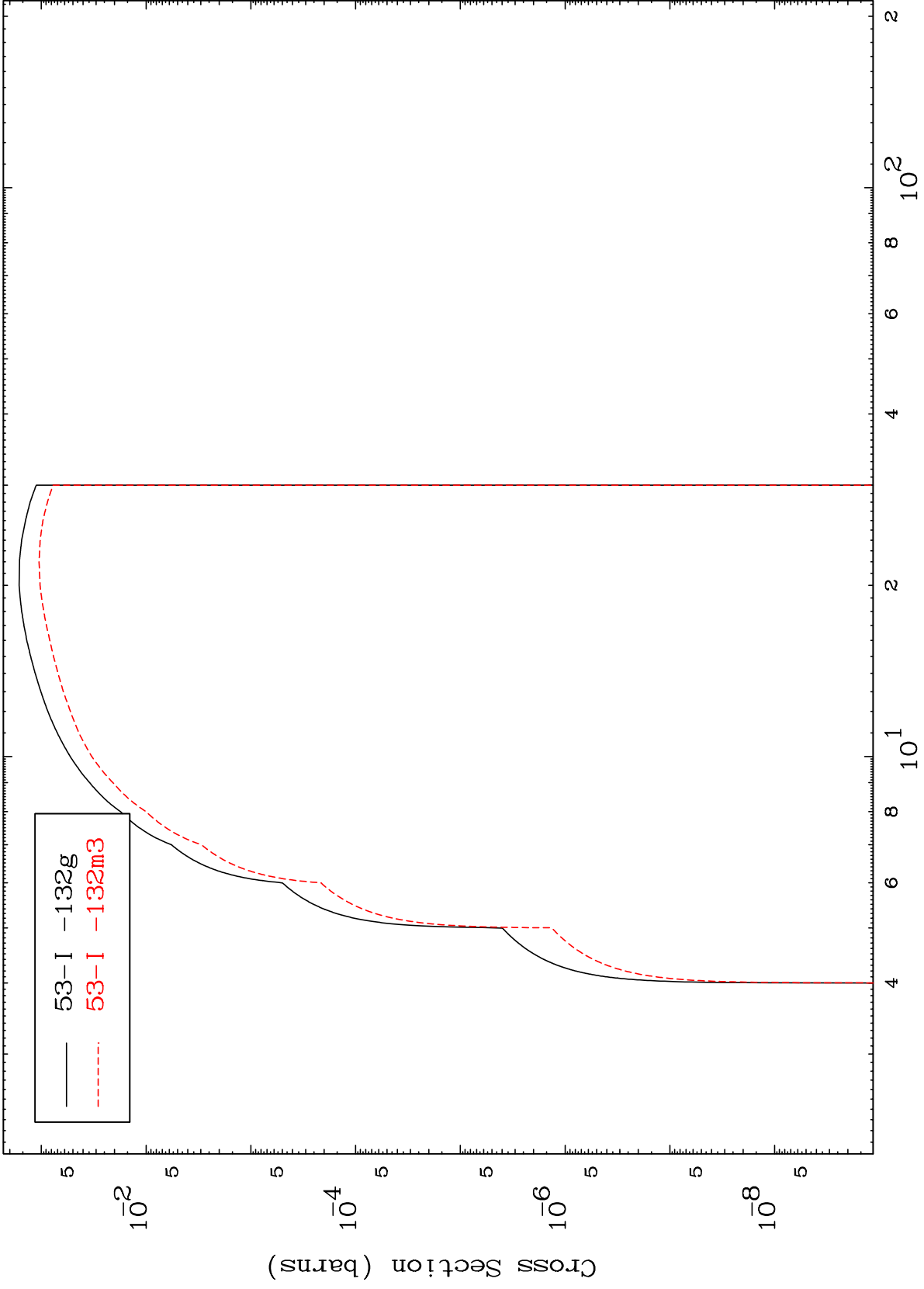


52-Te-127g
52-Te-127m2

MAT 5341

53-I -132m

(n,n') p
Radionuclide Production Cross Section



17

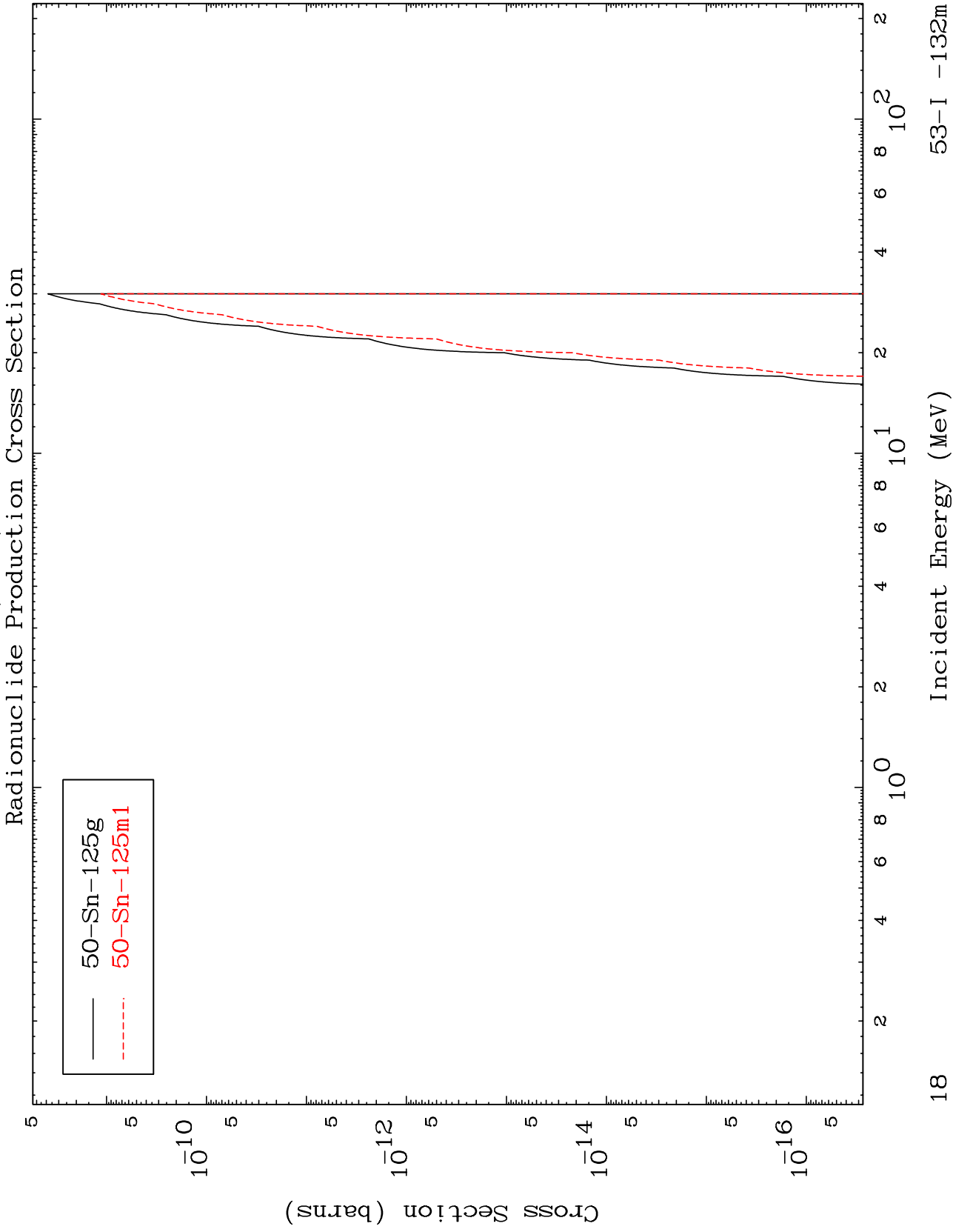
53-I -132m

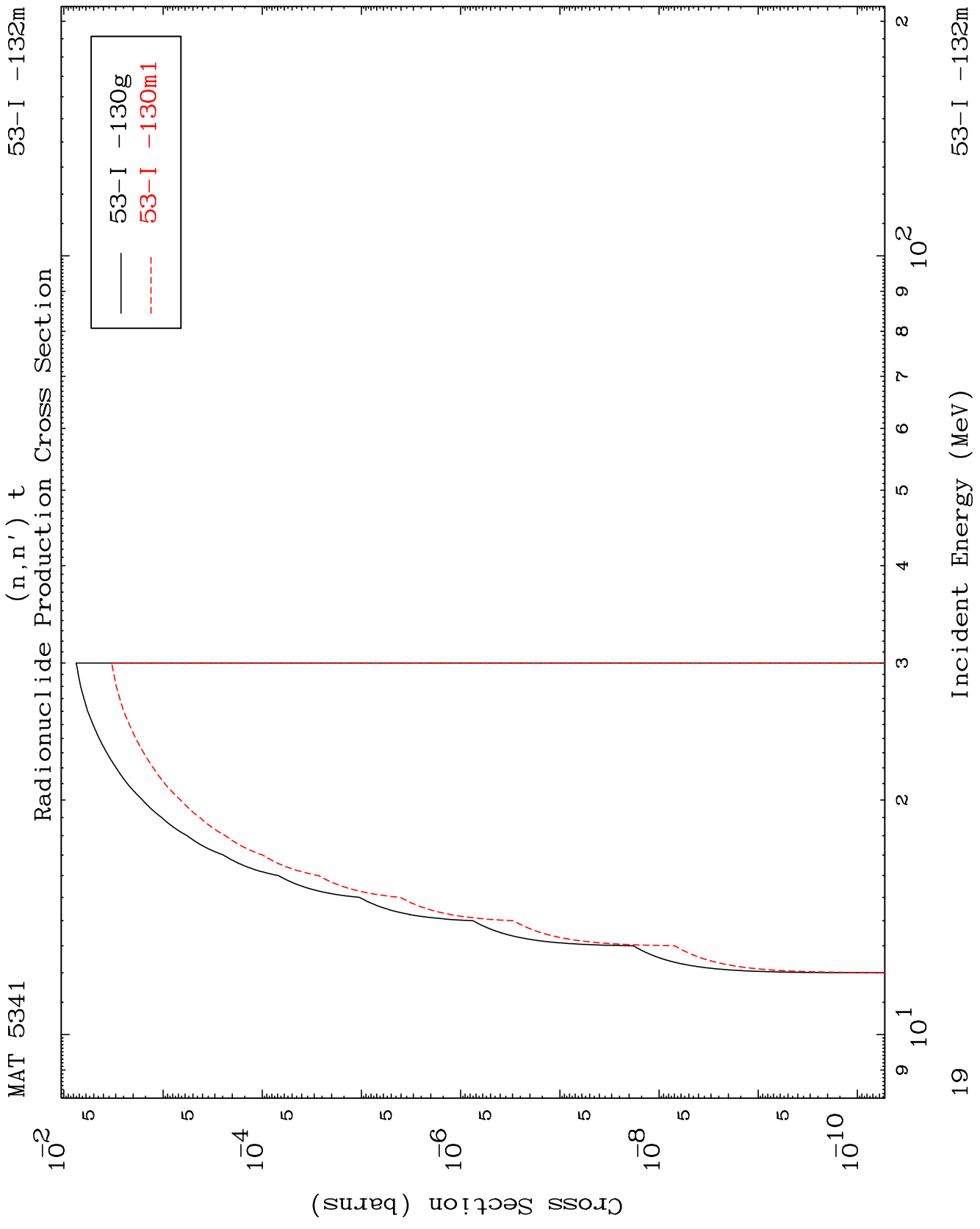
Incident Energy (MeV)

MAT 5341

(n,n') 2α

53-I -132m



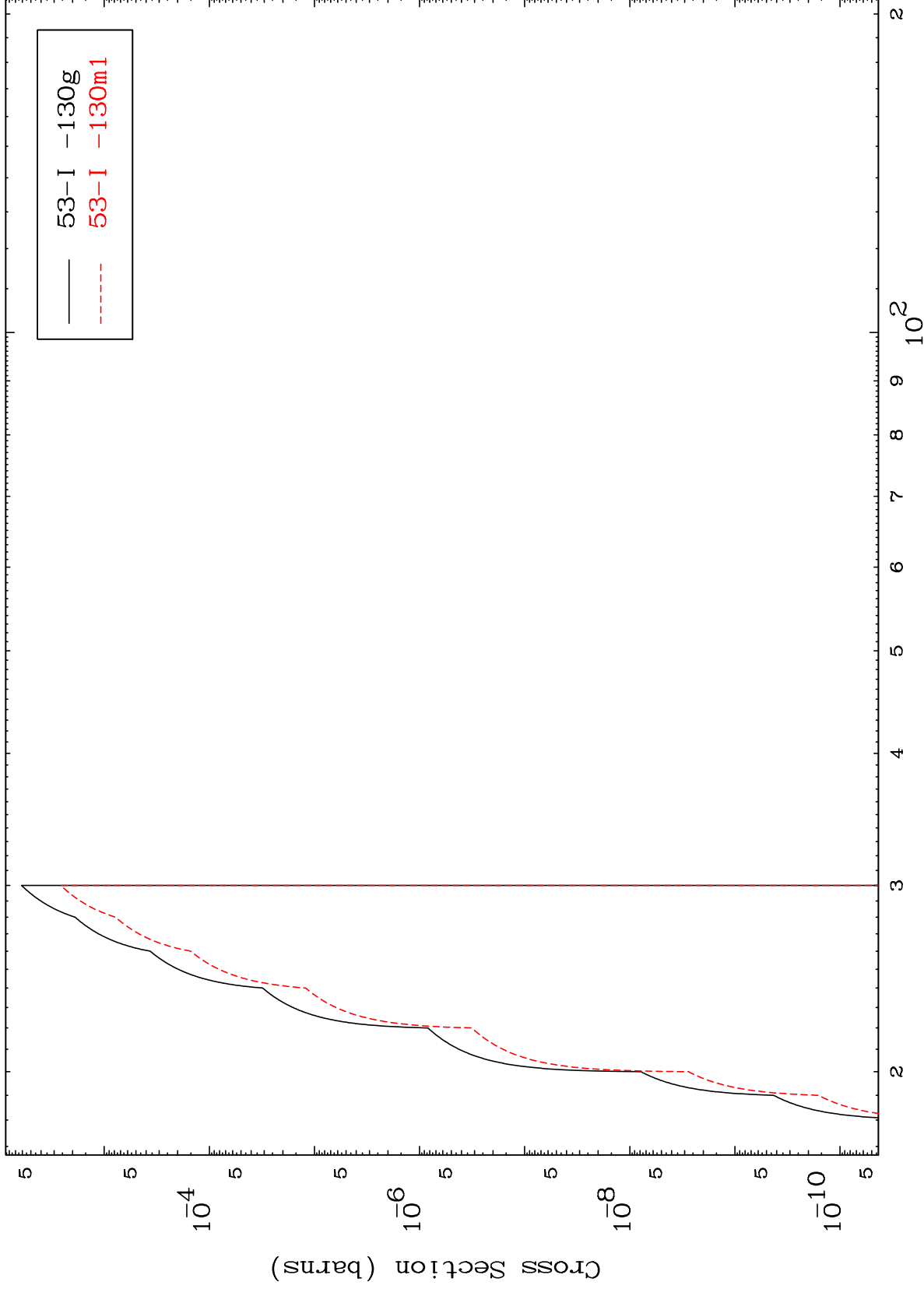


MAT 5341

(n,3n) p

53-I -132m

Radionuclide Production Cross Section



20

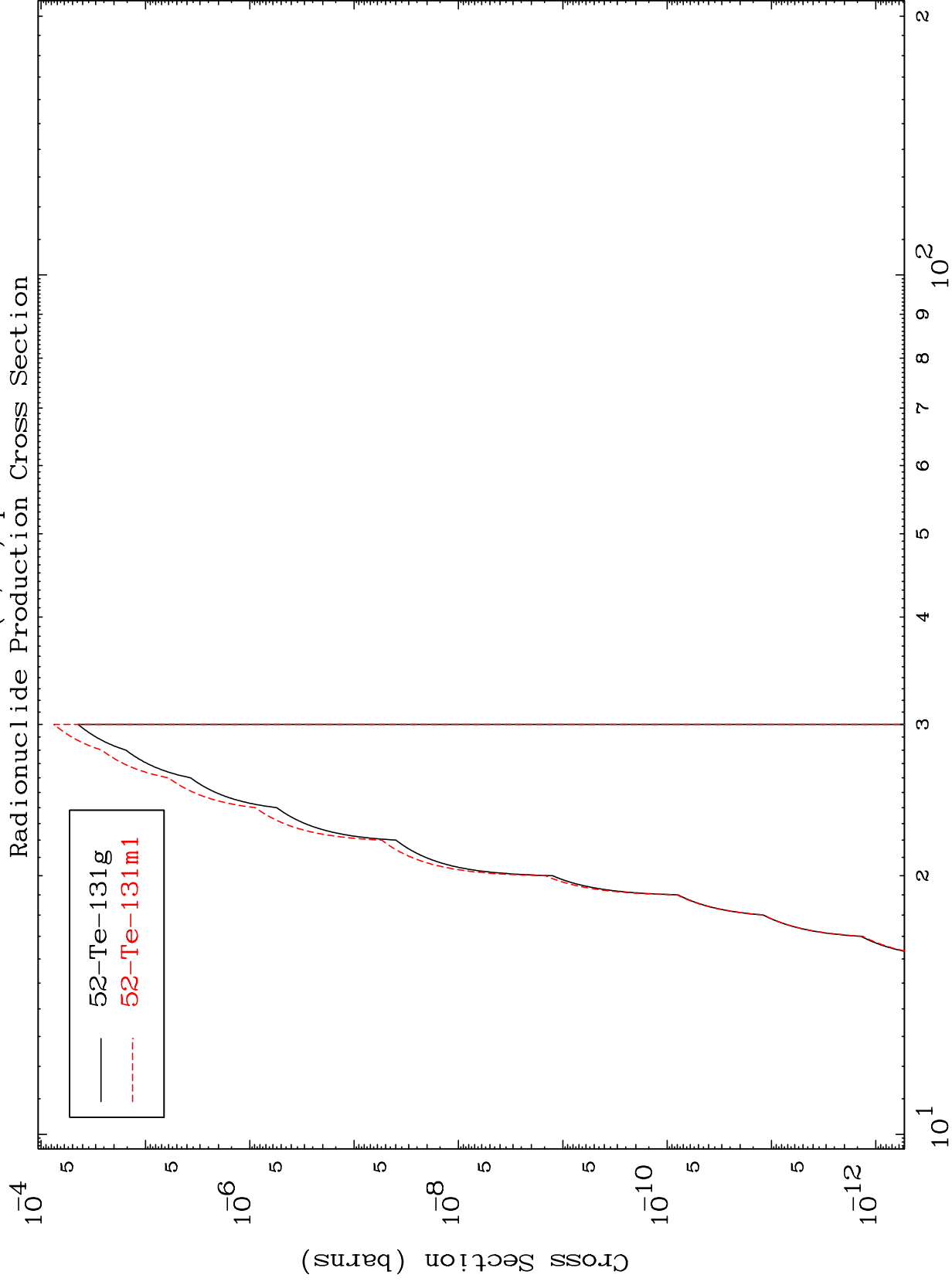
Incident Energy (MeV)

53-I -132m

MAT 5341

53-I -132m

(n,2n) p
Radionuclide Production Cross Section



53-I -132m

Incident Energy (MeV)

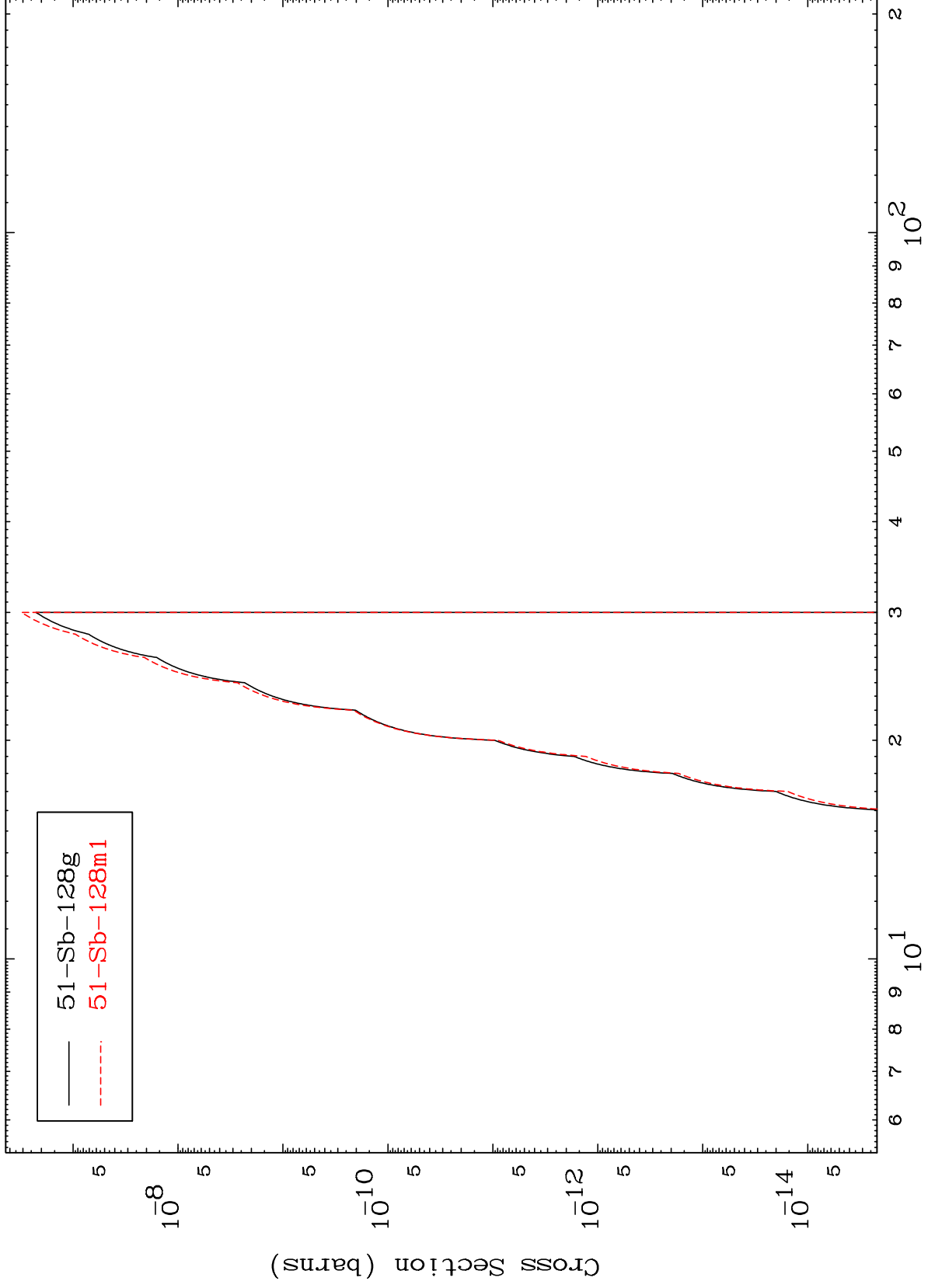
21

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(n,n') p α

53-I -132m

Radionuclide Production Cross Section



22

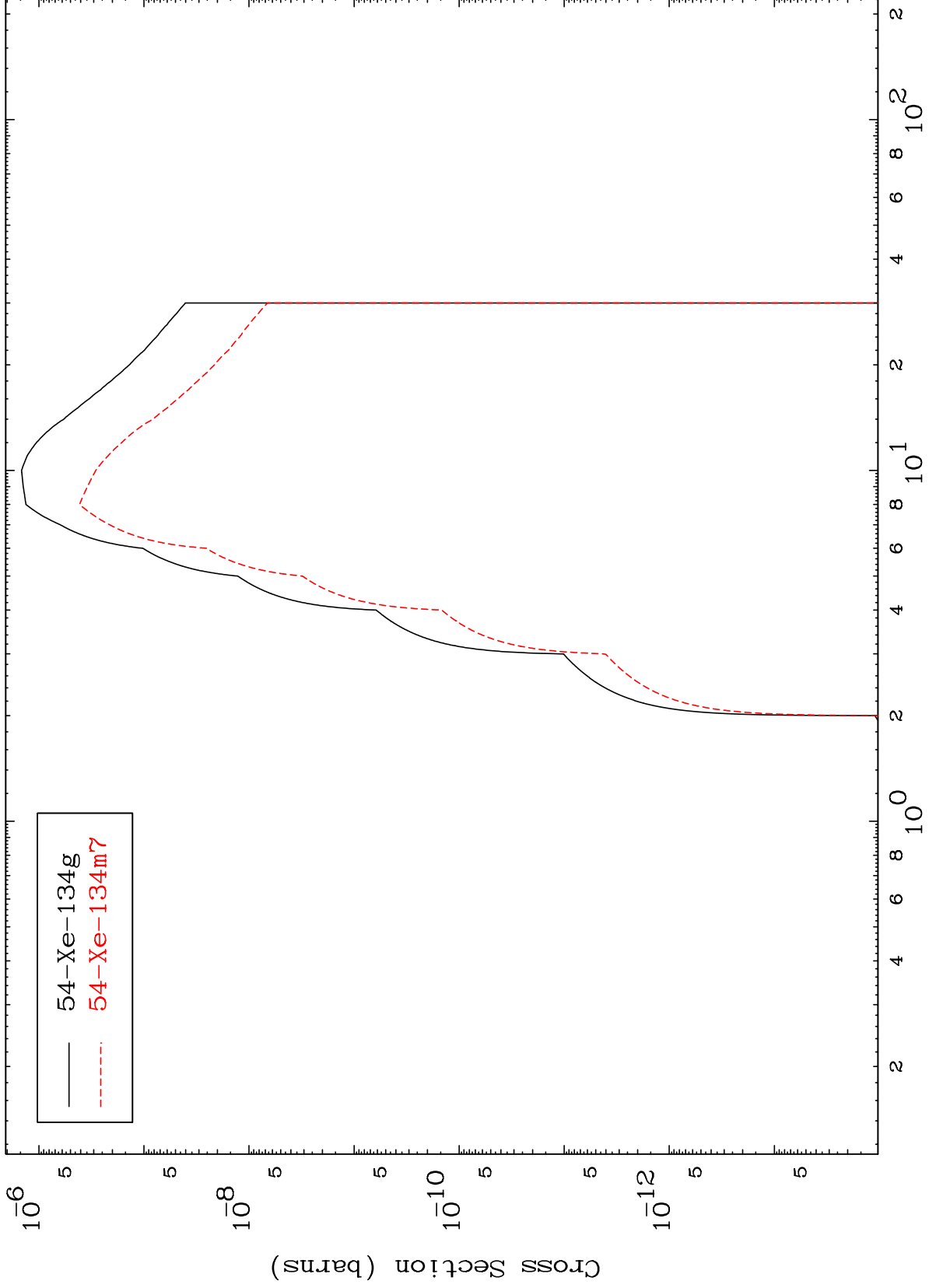
Incident Energy (MeV)

53-I -132m

MAT 5341

53-I -132m

(n, γ)
Radionuclide Production Cross Section



53-I -132m

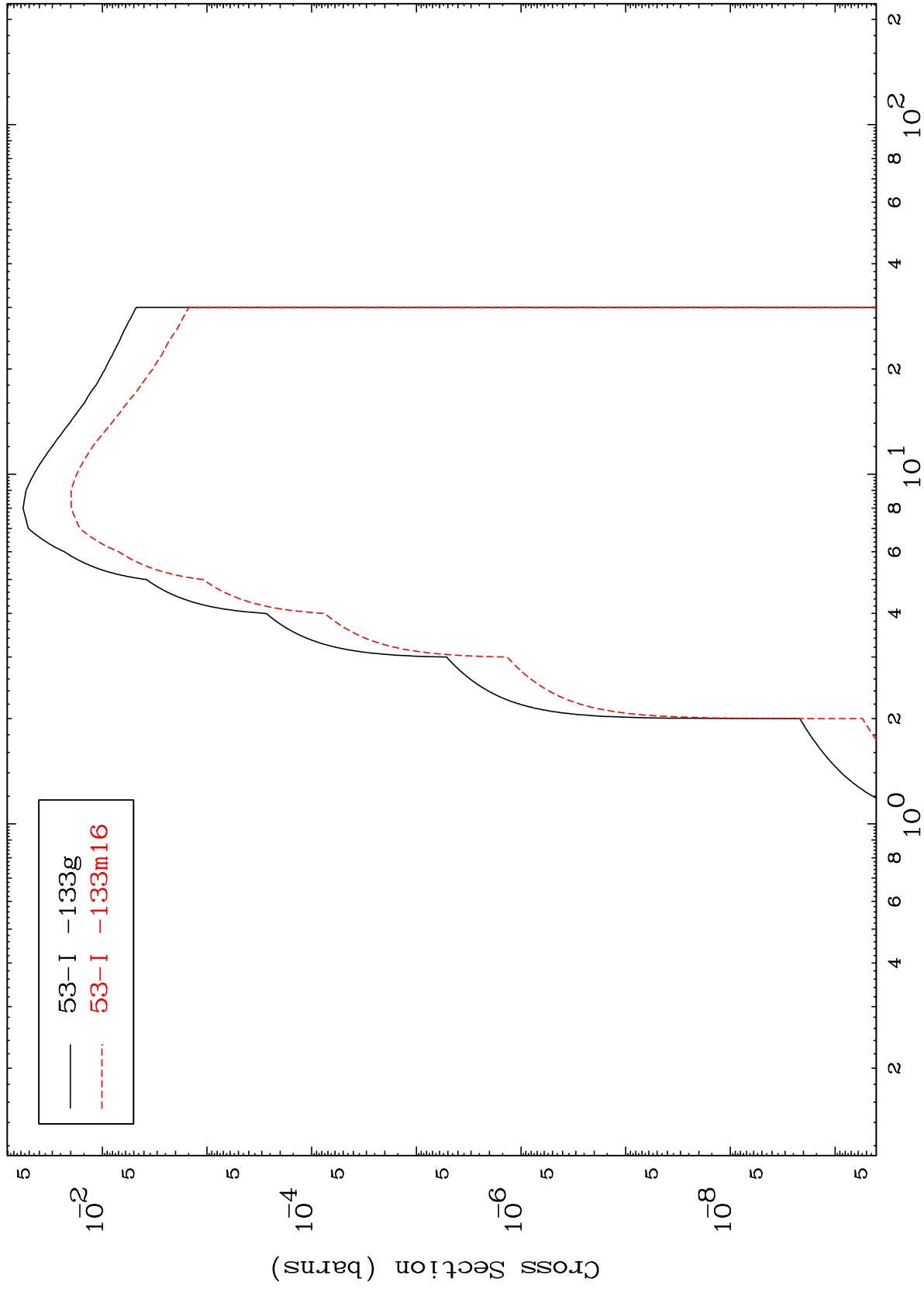
Incident Energy (MeV)

23

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53-I -132m

(n,p)
Radionuclide Production Cross Section



24

53-I -132m

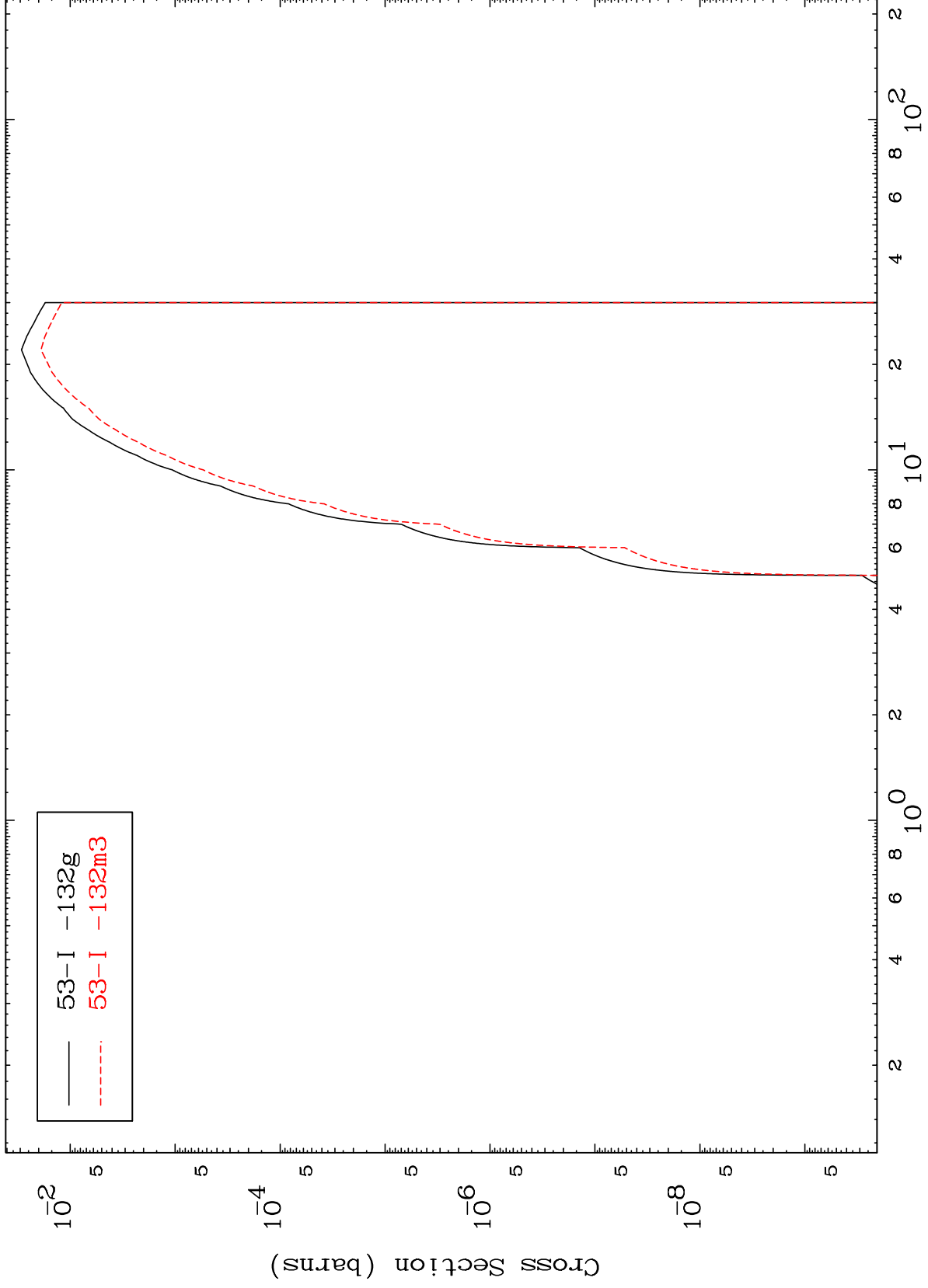
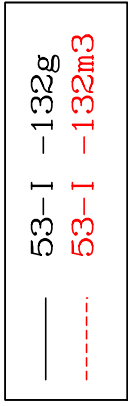
Incident Energy (MeV)

MAT 5341

(n, d)

53-I -132m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

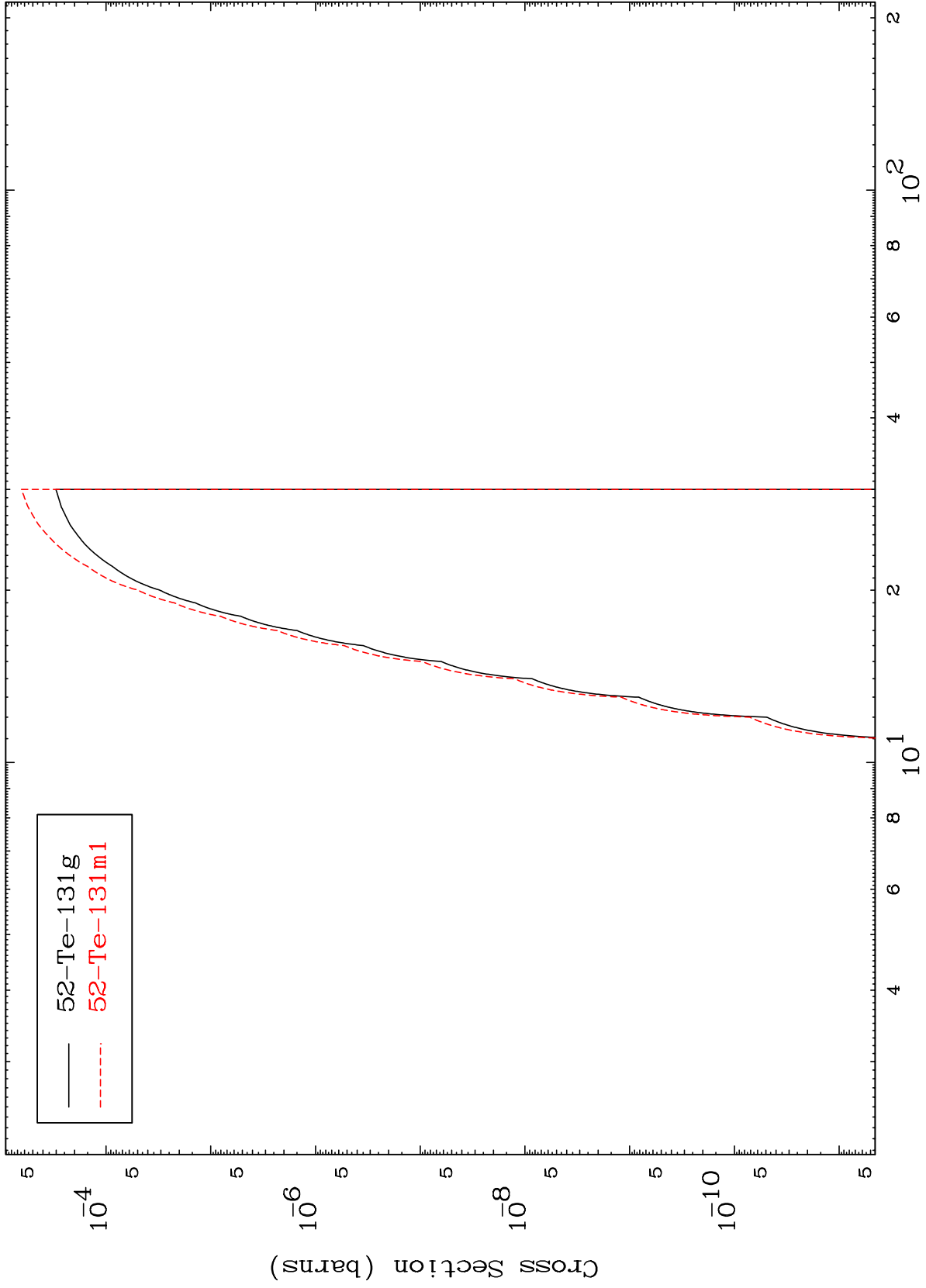
53-I -132m

MAT 5341

(n,He-3)

53-I -132m

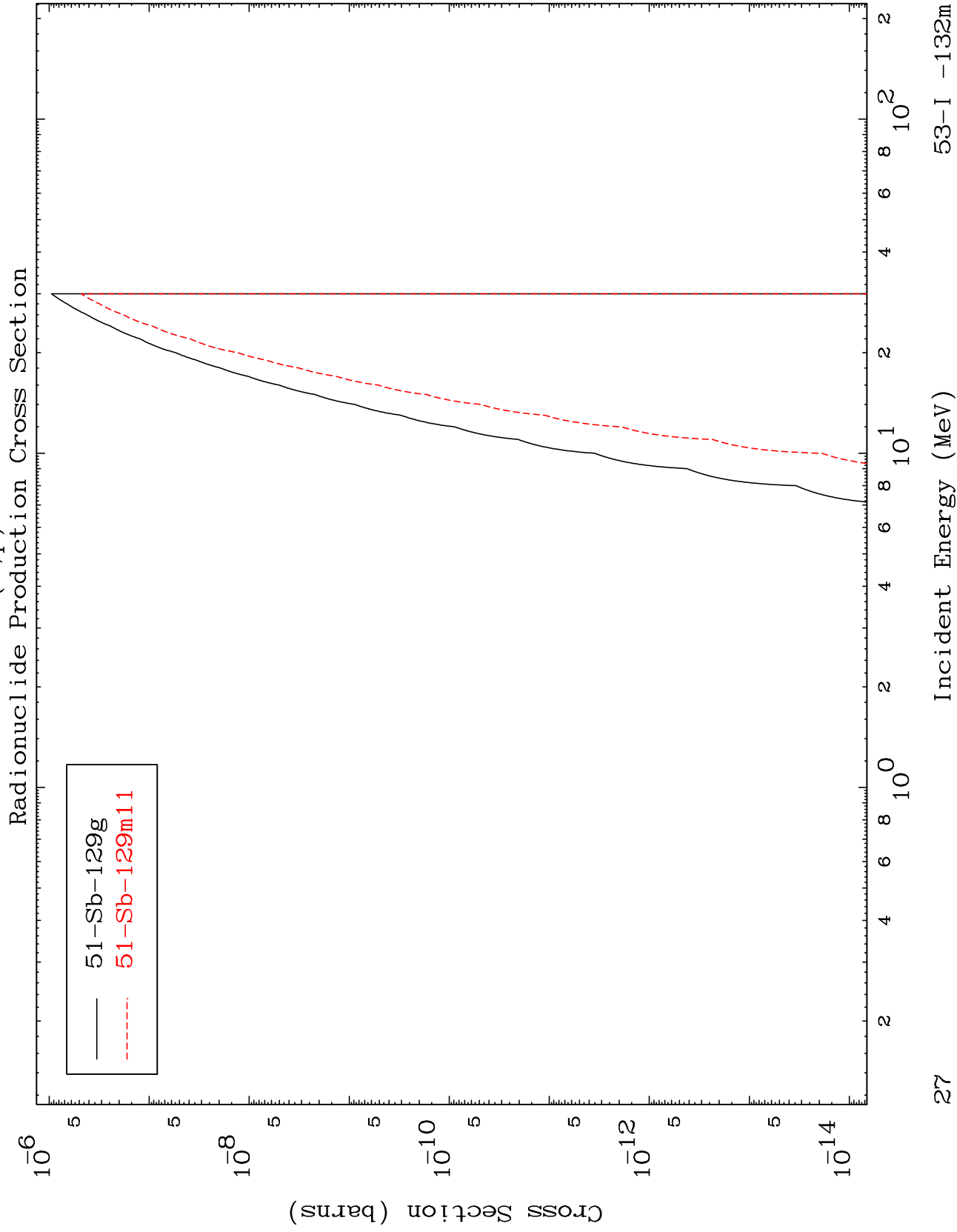
Radionuclide Production Cross Section



MAT 5341

(n,p) α

53-I -132m

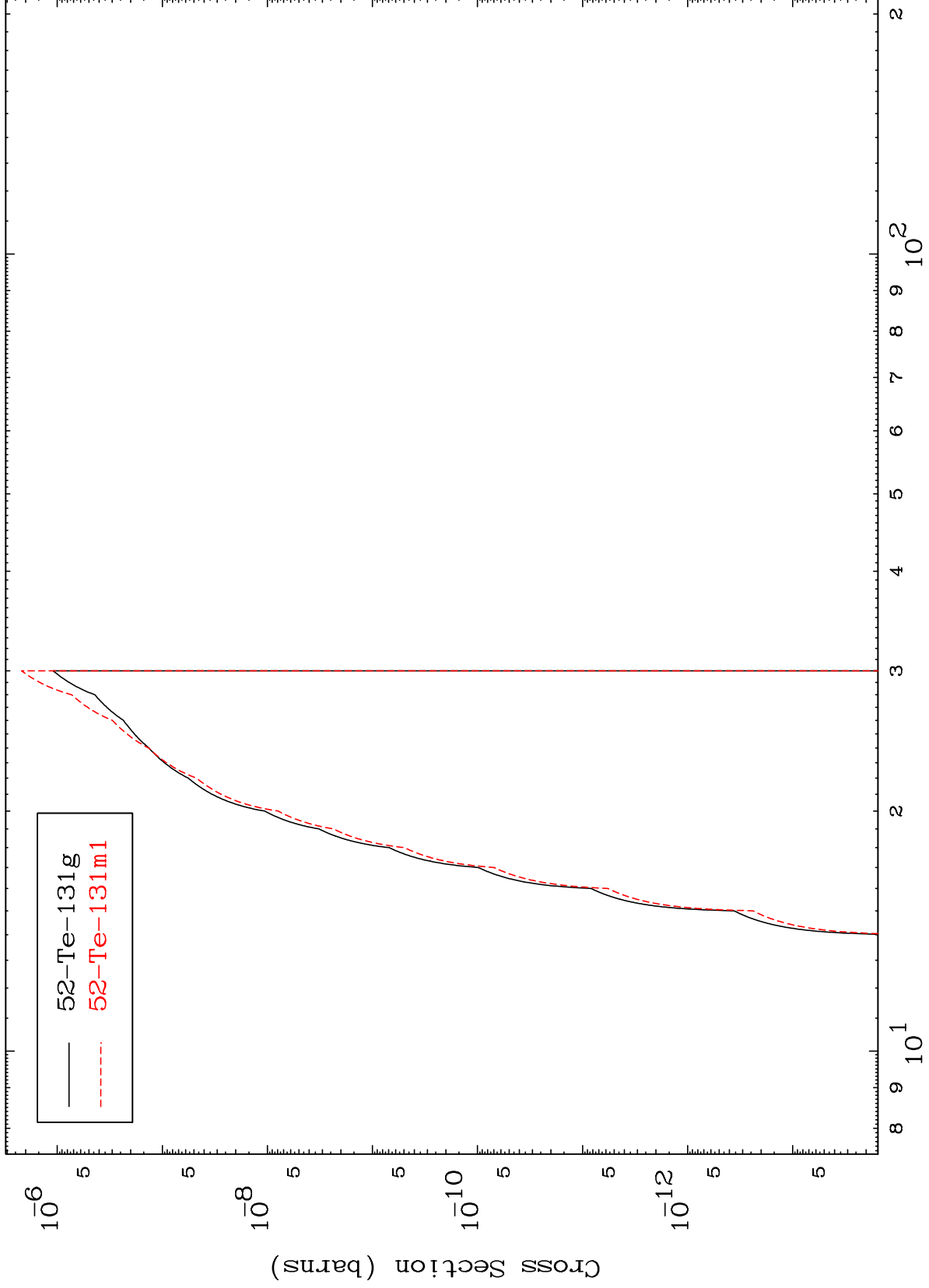


MAT 5341

(n,p) d

53-I -132m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

53-I -132m

MAT 5341

(n,d) α

53-I -132m

Radionuclide Production Cross Section

