

Program EVALPLOT
(Version 2018-1)

by

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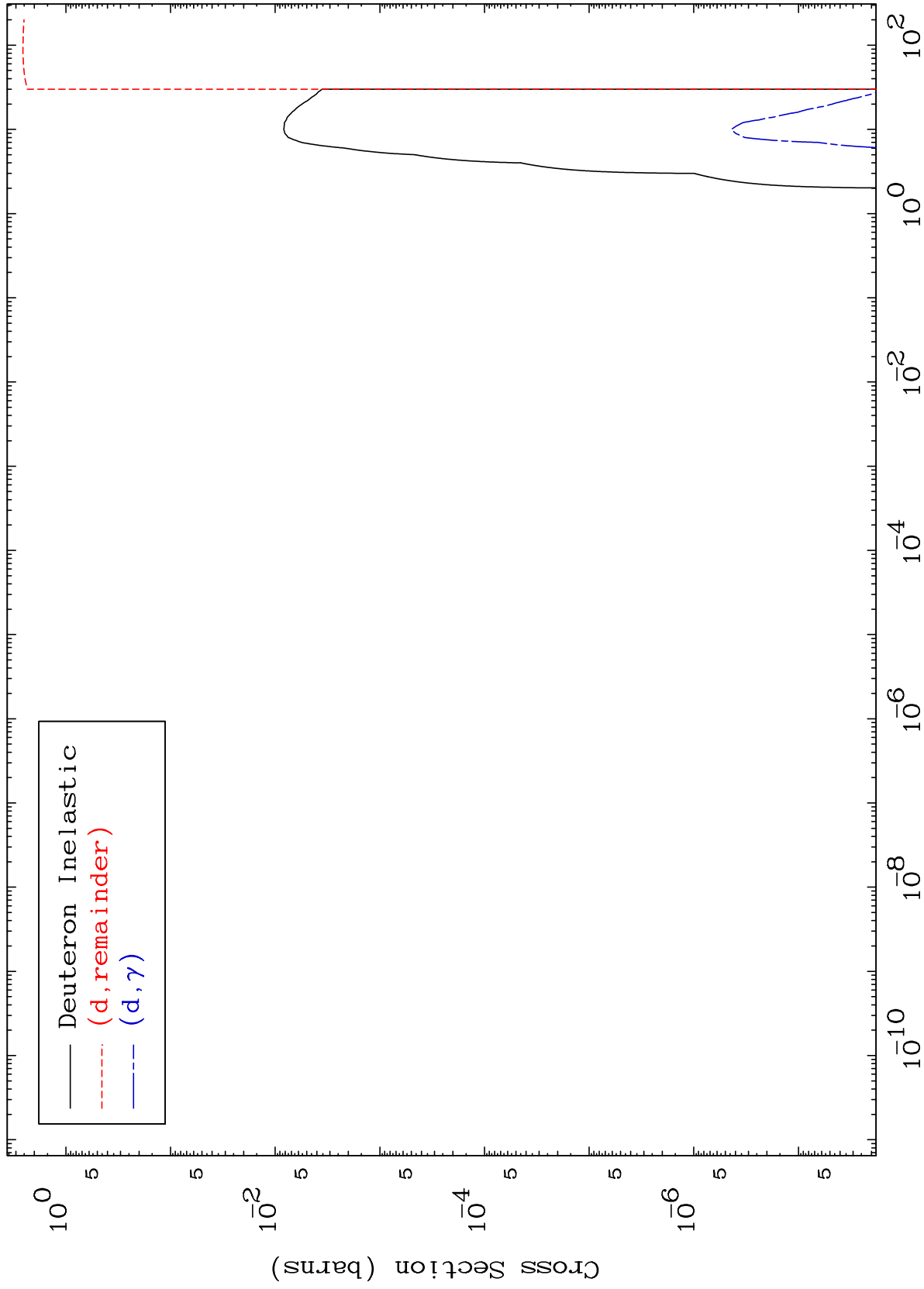
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5464

Deuteron Major
0 Kelvin Cross Sections

54-Xe-137



1

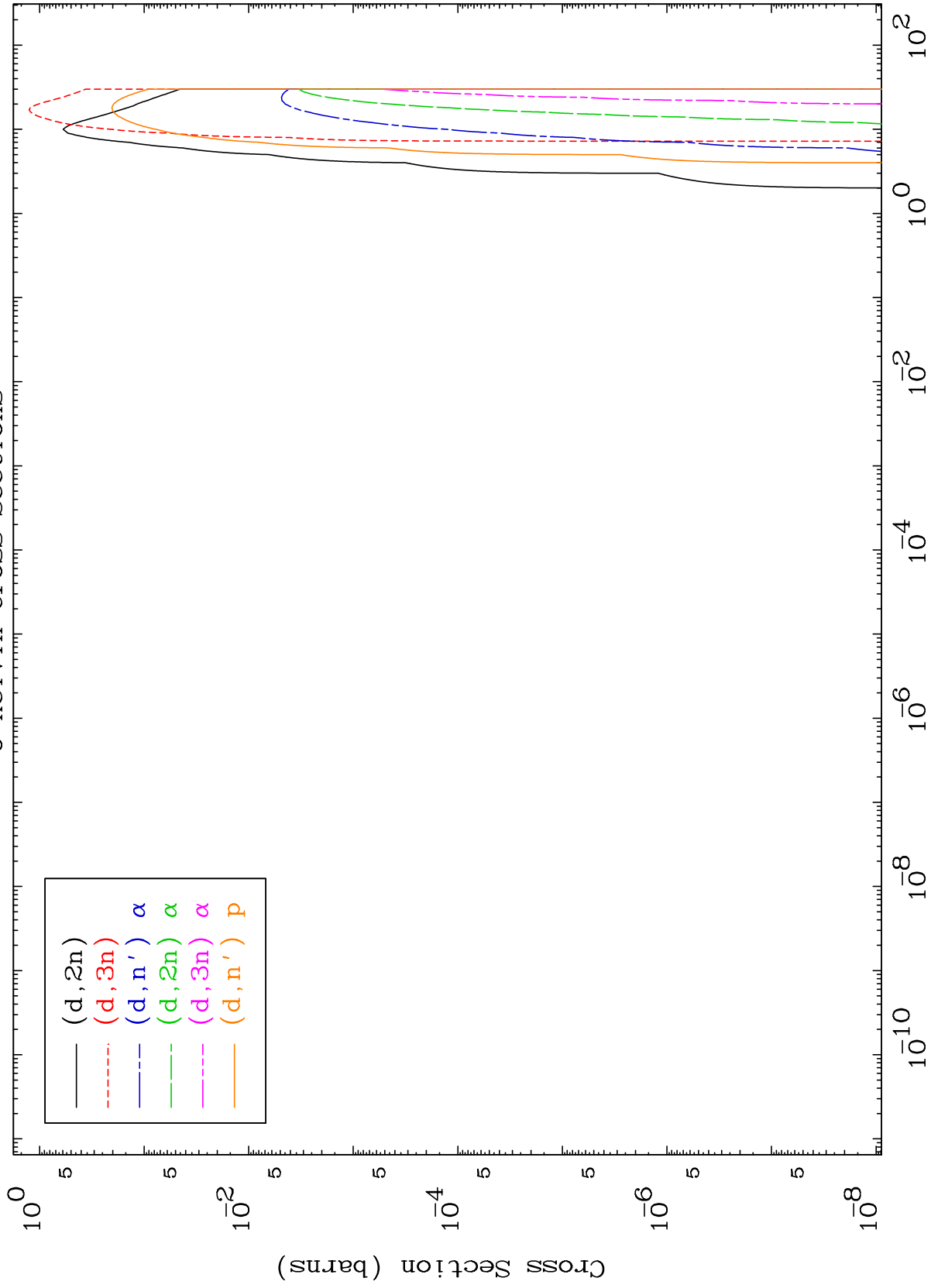
Incident Energy (MeV)

54-Xe-137

MAT 5464

Deuteron Neutron Production
0 Kelvin Cross Sections

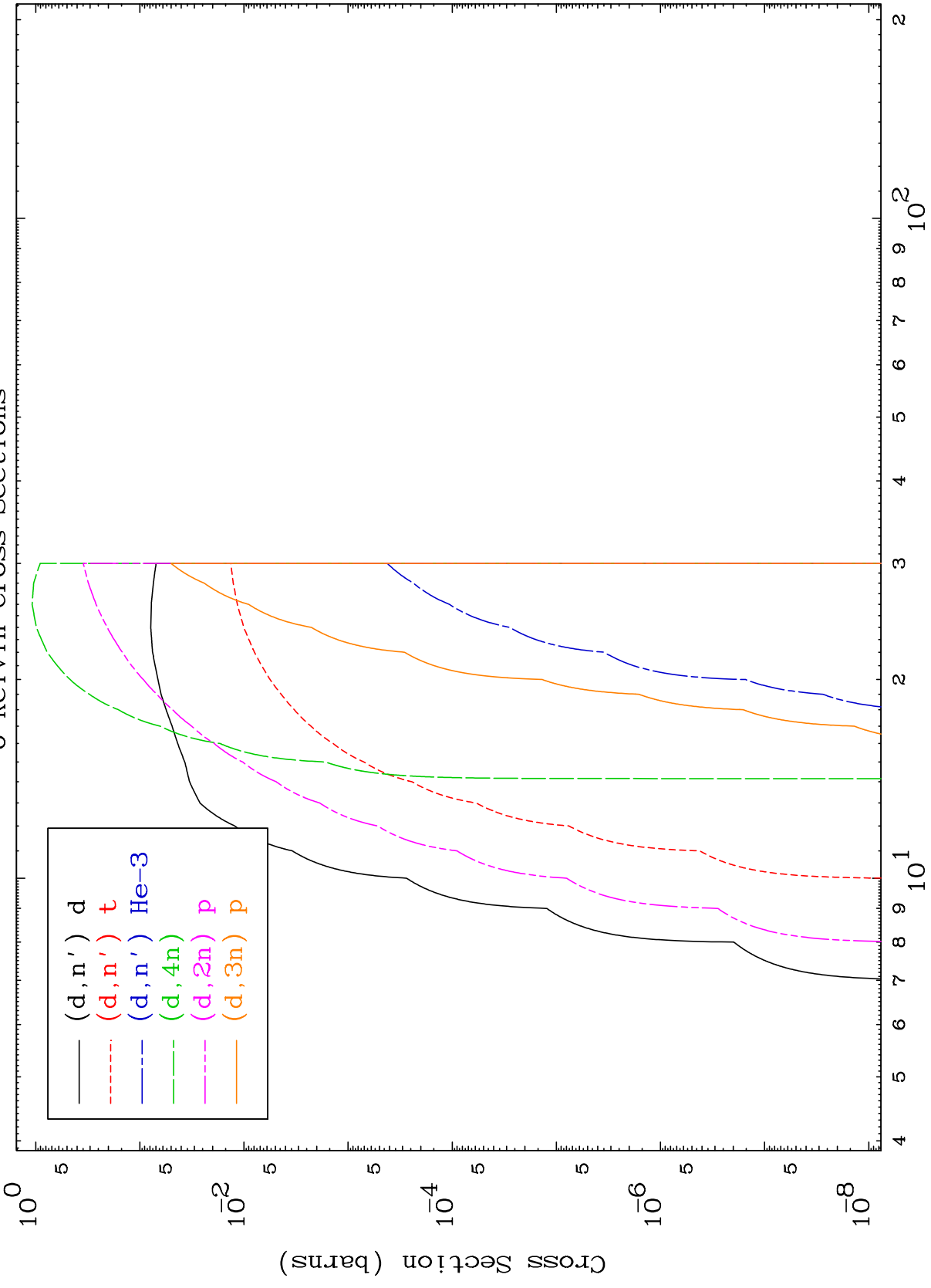
54-Xe-137



2

Incident Energy (MeV)

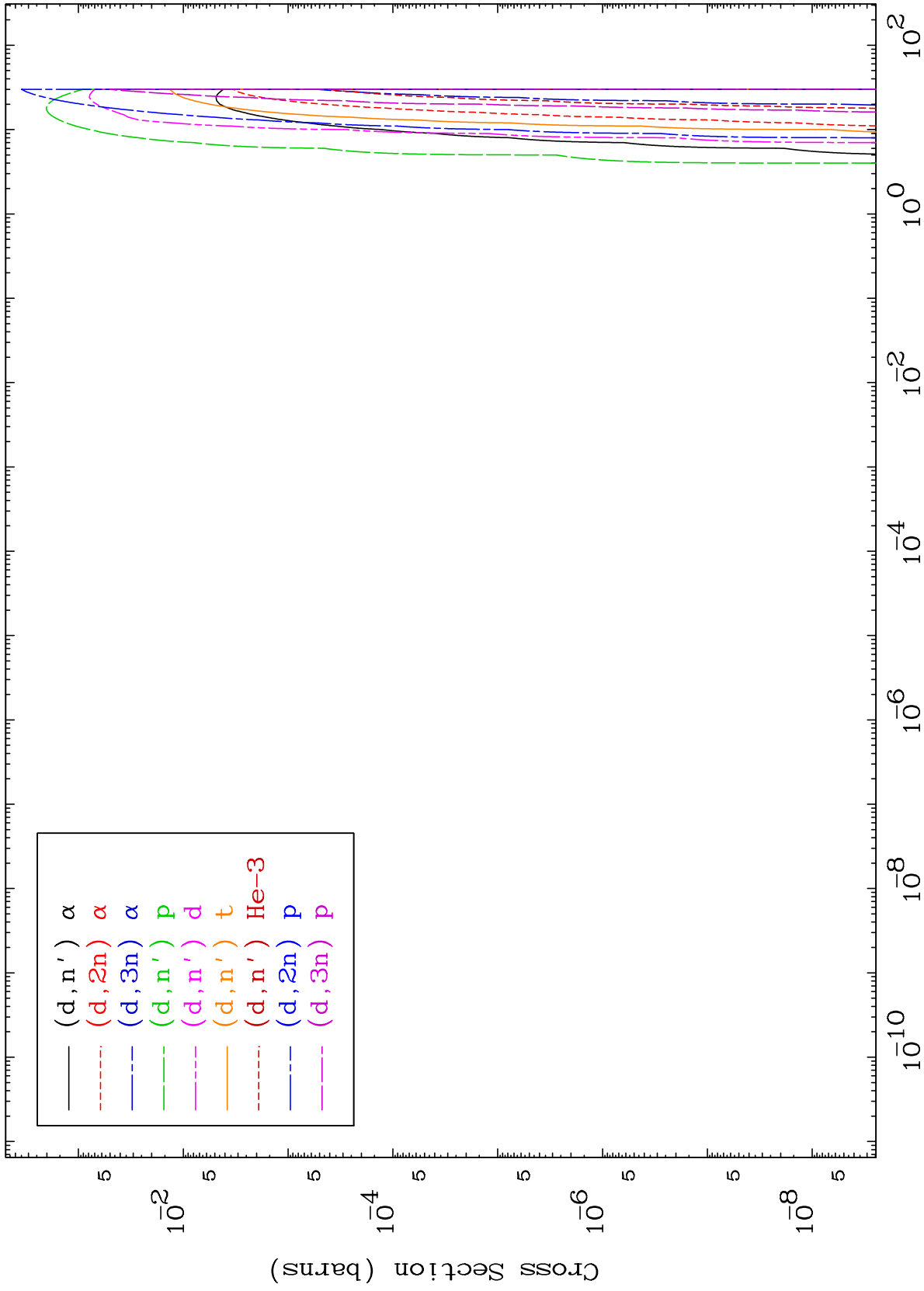
54-Xe-137



MAT 5464

Deuteron Charged Particle
0 Kelvin Cross Sections

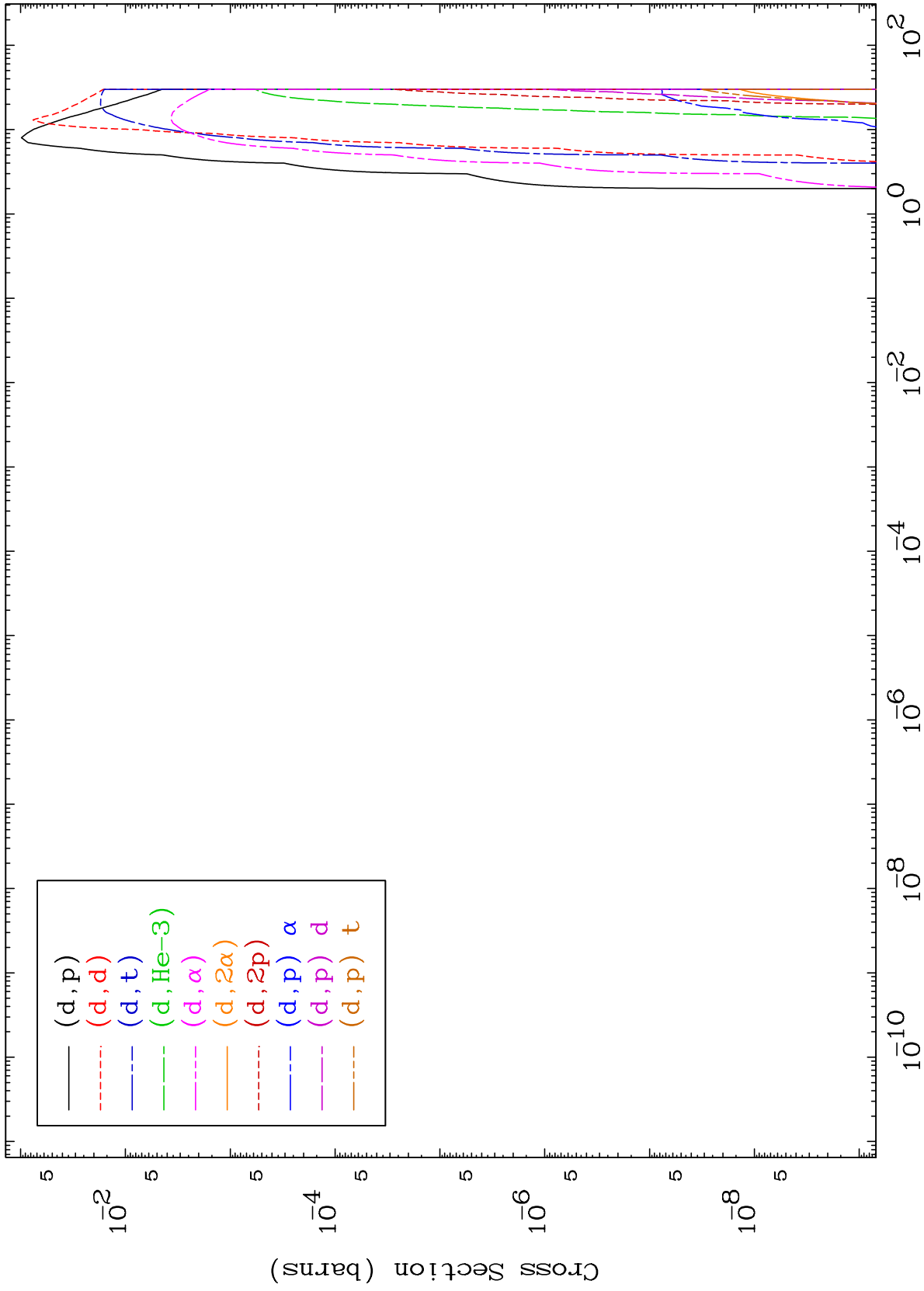
54-Xe-137



MAT 5464

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-137



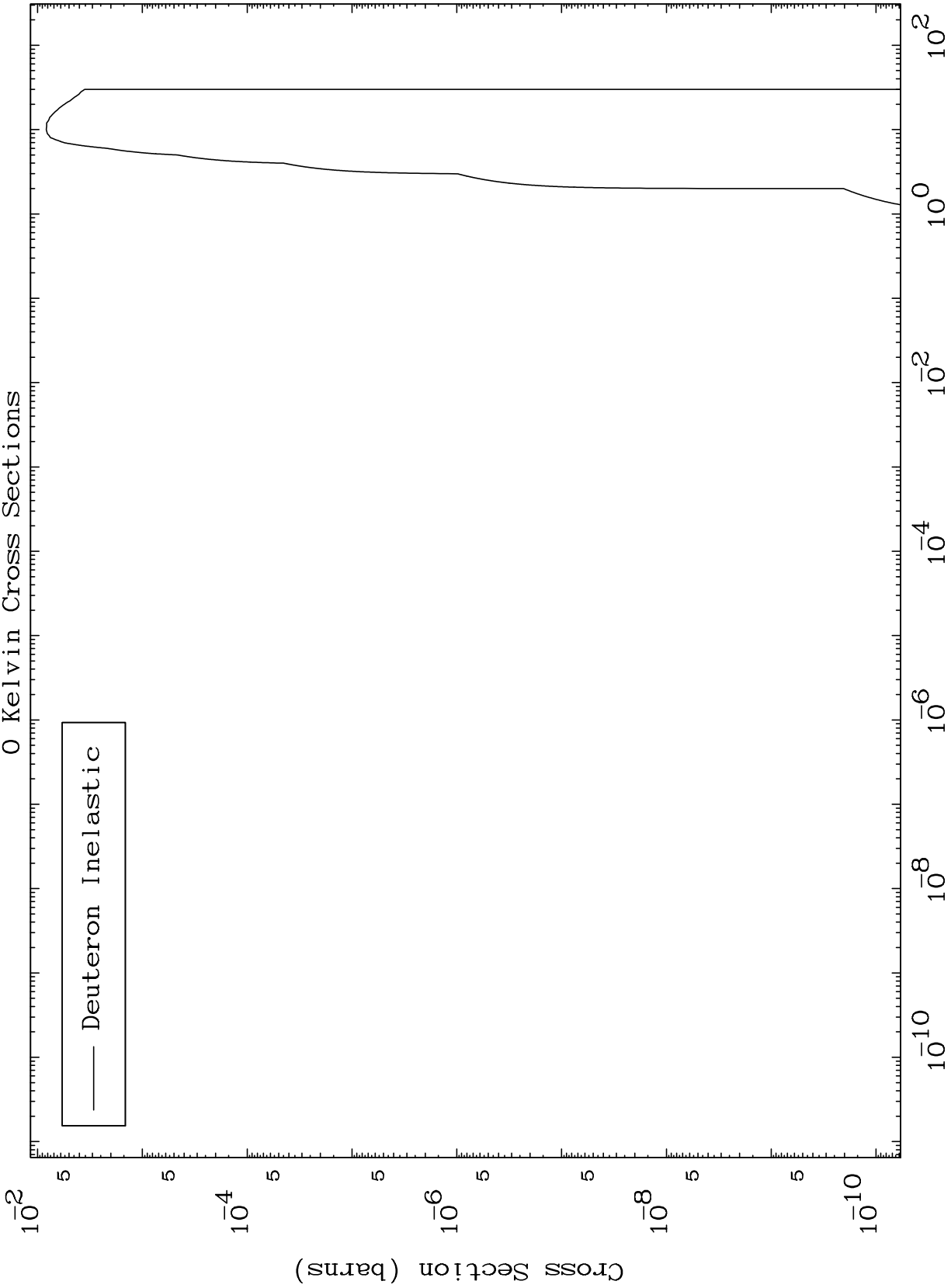
5

54-Xe-137

MAT 5464

(d,n') Level
0 Kelvin Cross Sections

54-Xe-137

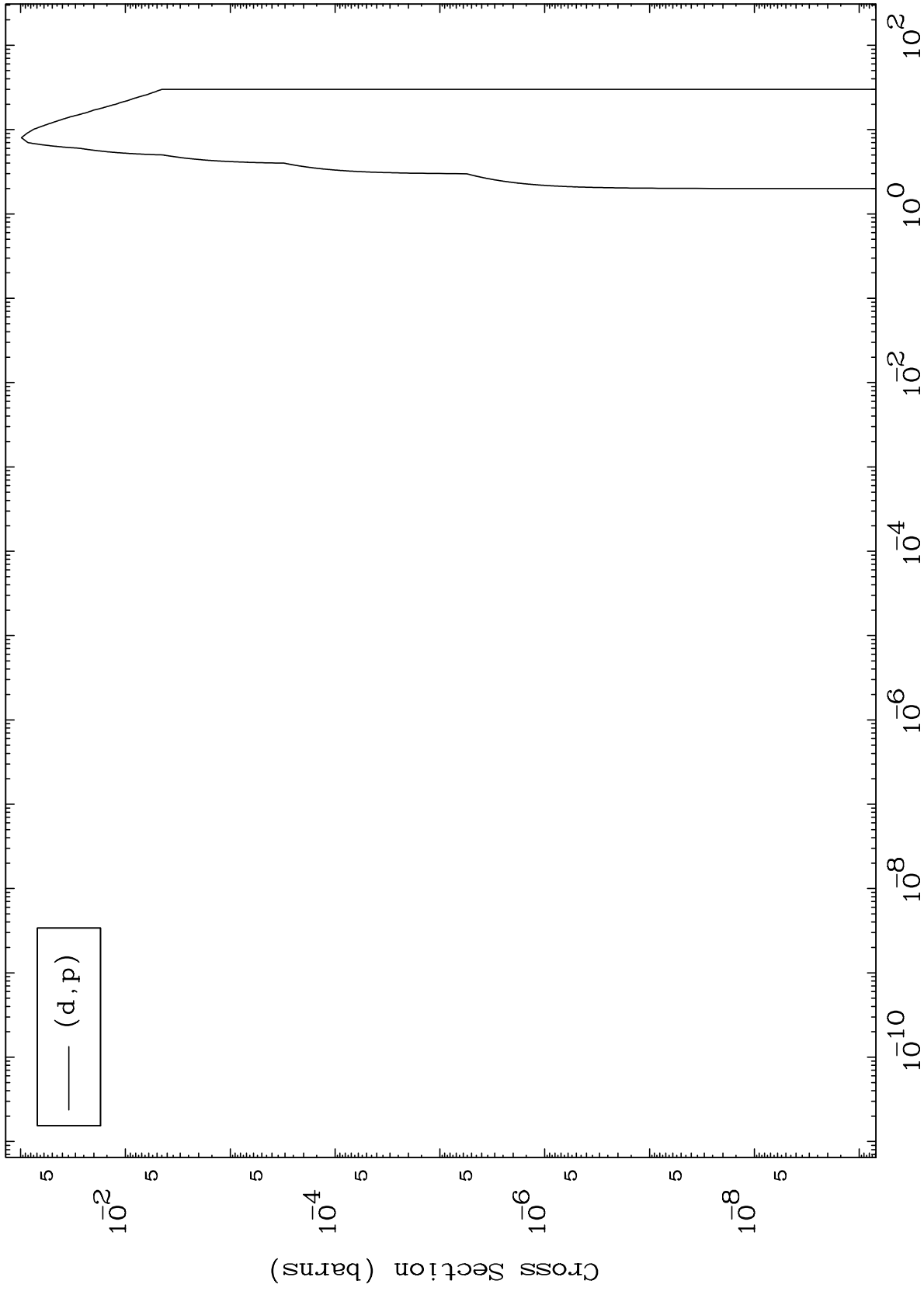


54-Xe-137

MAT 5464

(d,p) Levels
0 Kelvin Cross Sections

54-Xe-137



7

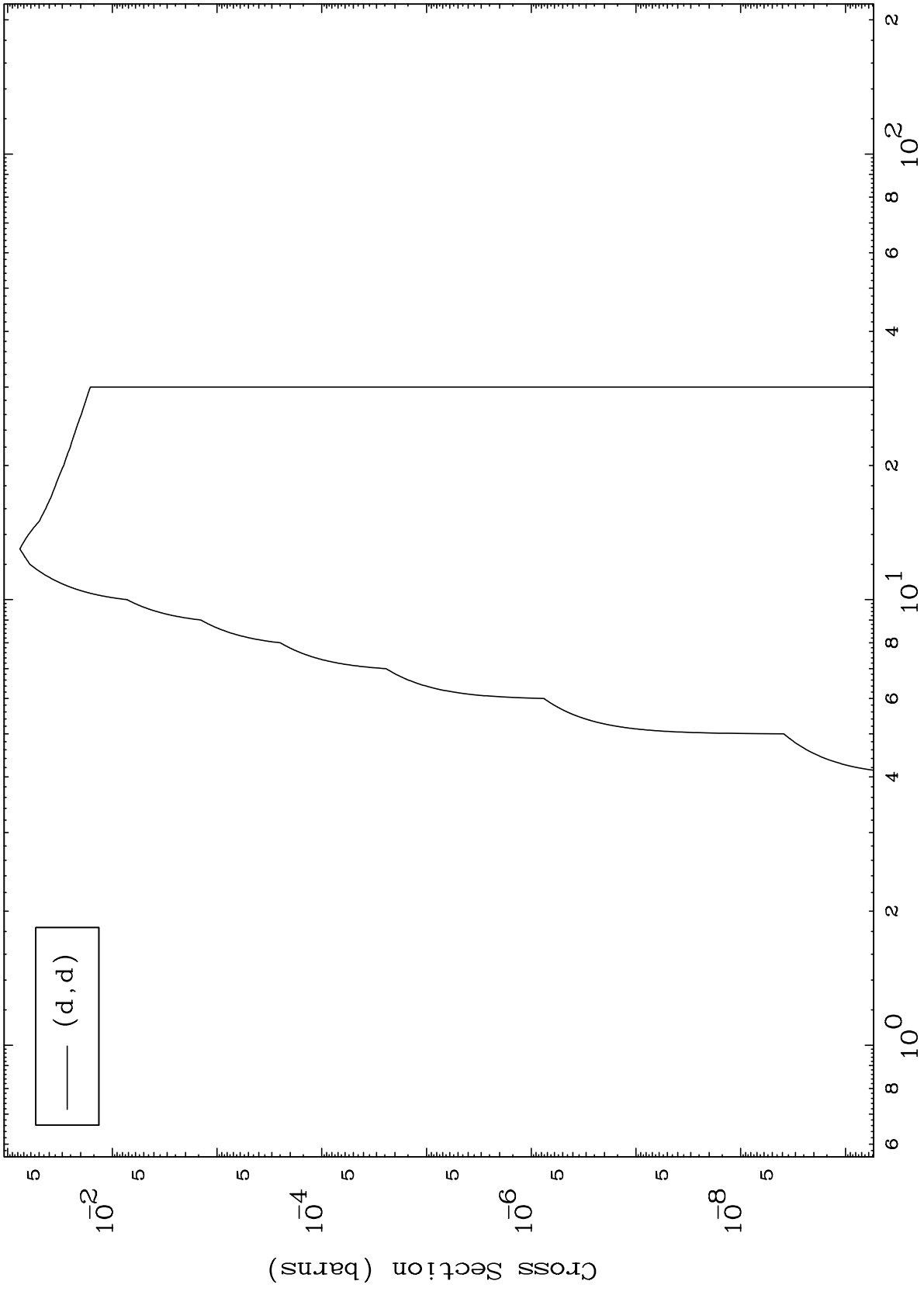
Incident Energy (MeV)

54-Xe-137

MAT 5464

(d,d) Levels
0 Kelvin Cross Sections

54-Xe-137



8

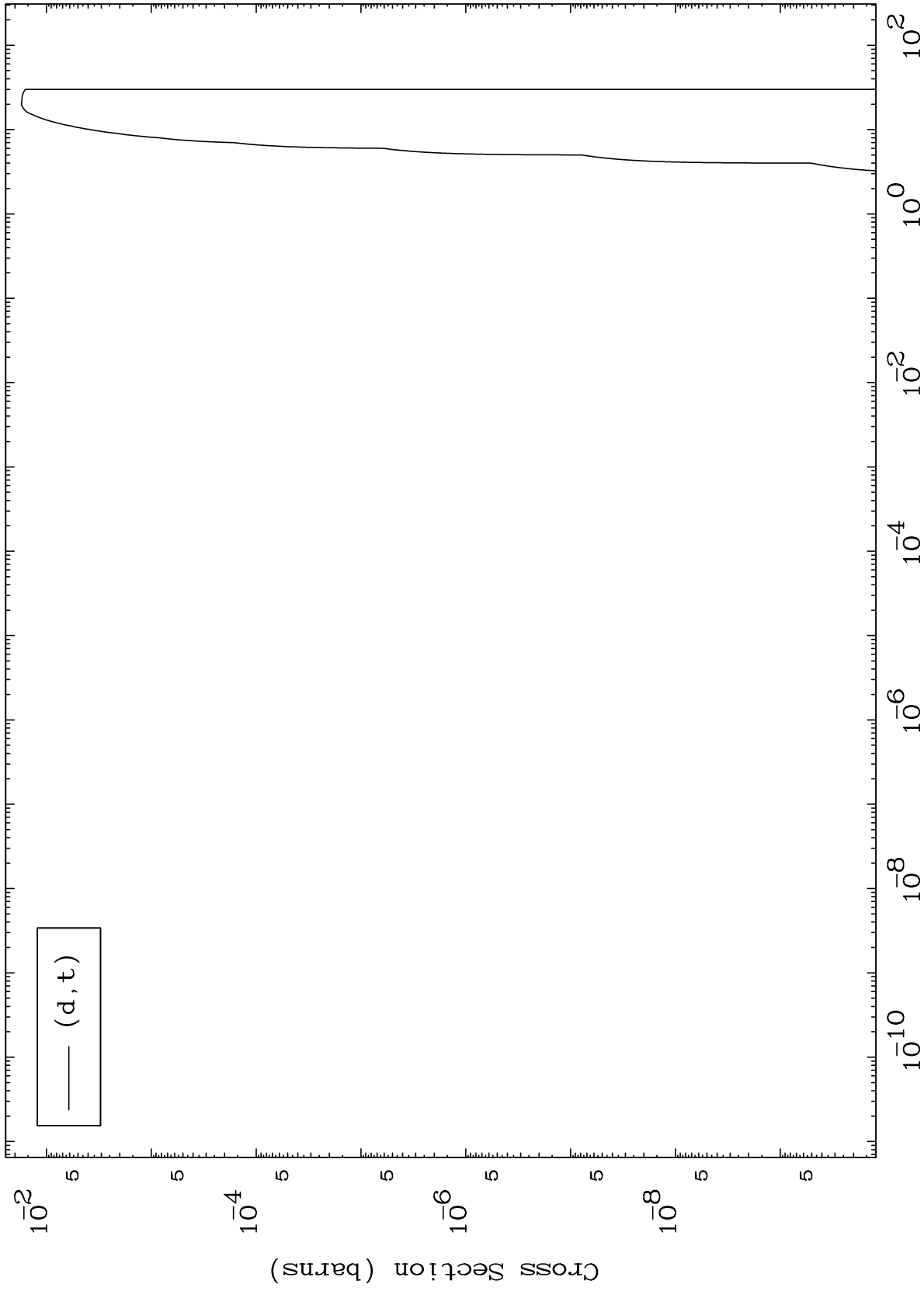
Incident Energy (MeV)

54-Xe-137

MAT 5464

(d,t) Levels
0 Kelvin Cross Sections

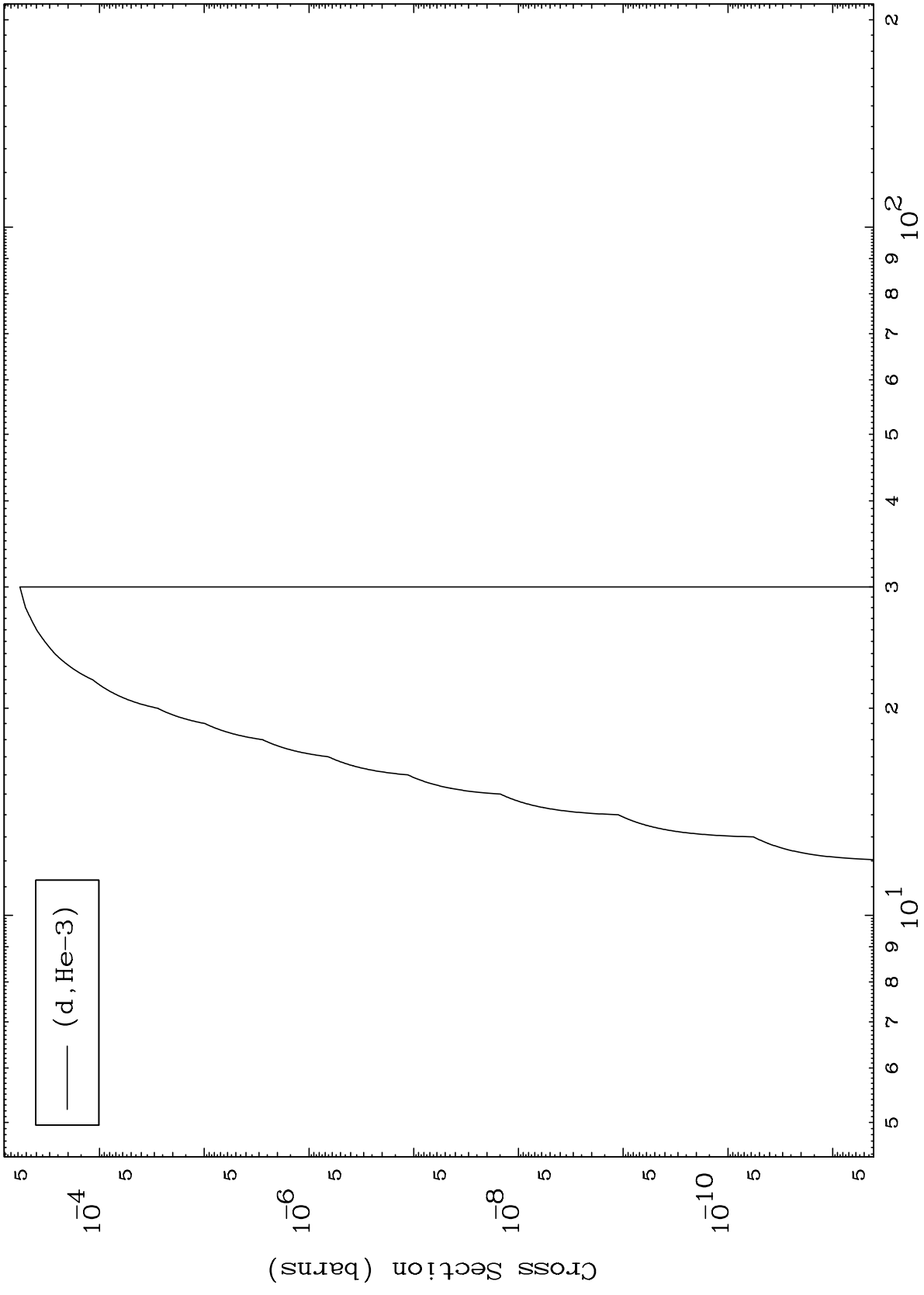
54-Xe-137



MAT 5464

(d,He3) Levels
0 Kelvin Cross Sections

54-Xe-137



10

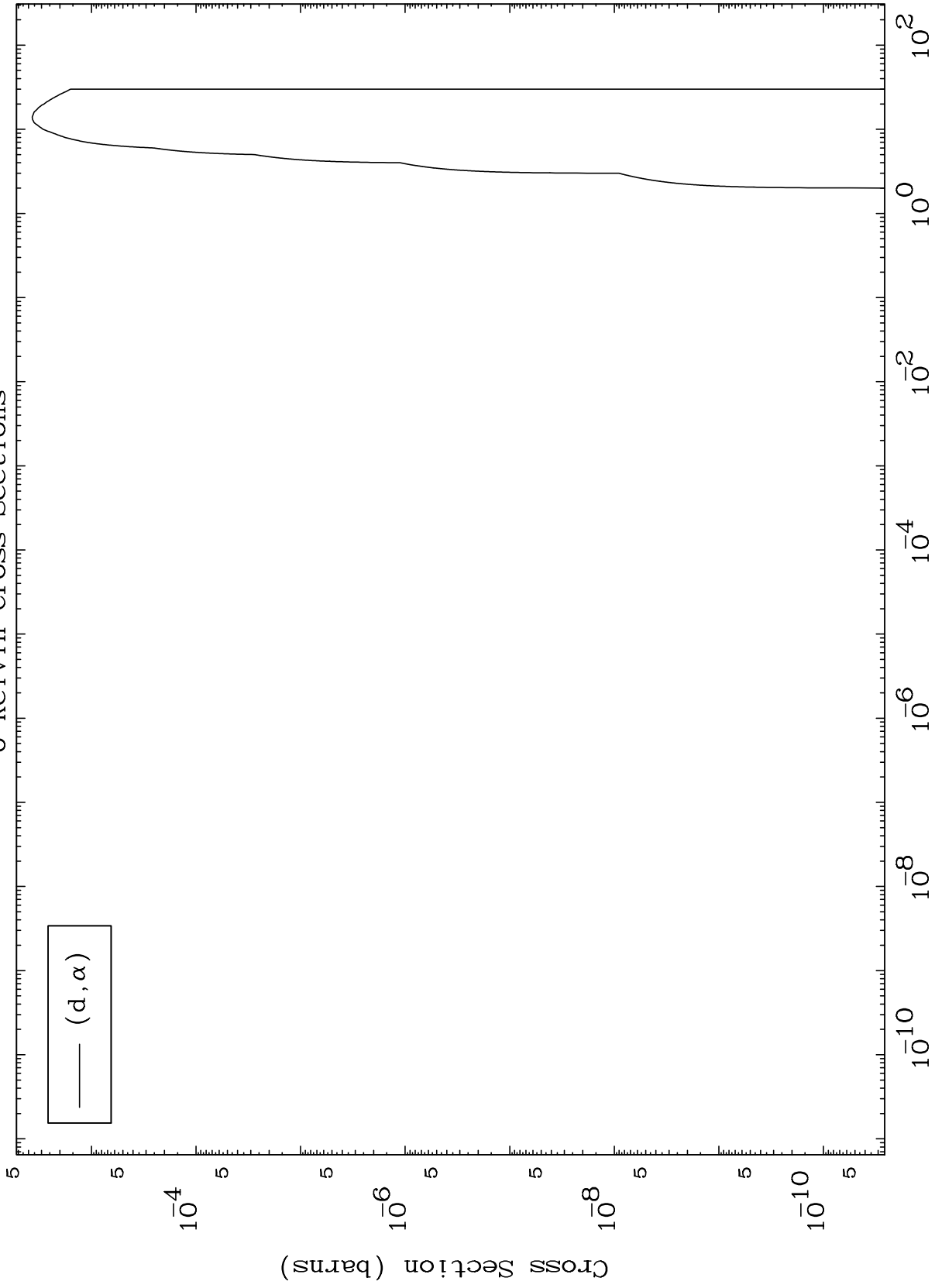
Incident Energy (MeV)

54-Xe-137

MAT 5464

(d, α) Levels
0 Kelvin Cross Sections

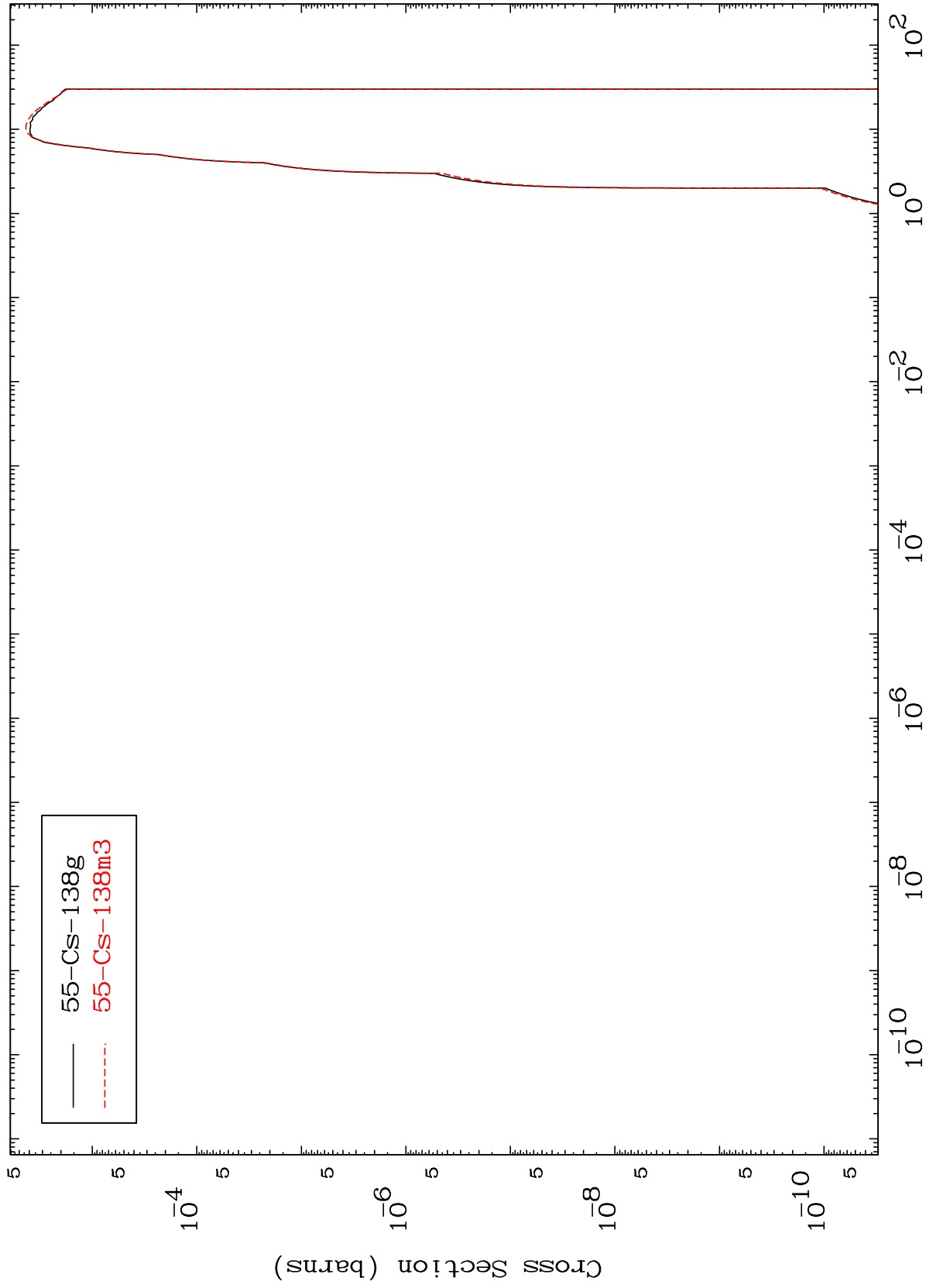
54-Xe-137



MAT 5464

Deuteron Inelastic
Radionuclide Production Cross Section

54-Xe-137



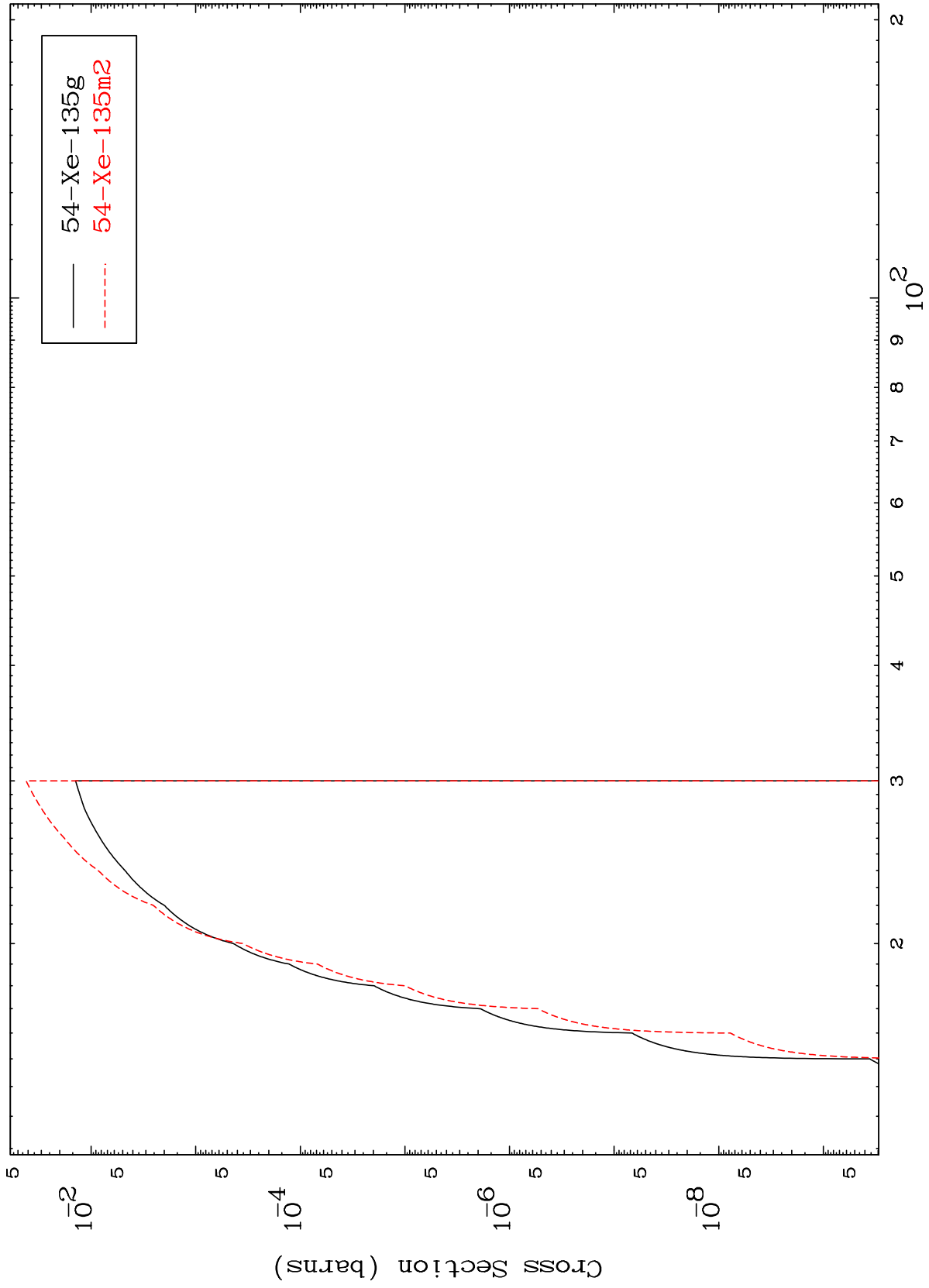
54-Xe-137

MAT 5464

(d,2n) d

⁵⁴Xe-137

Radionuclide Production Cross Section



13

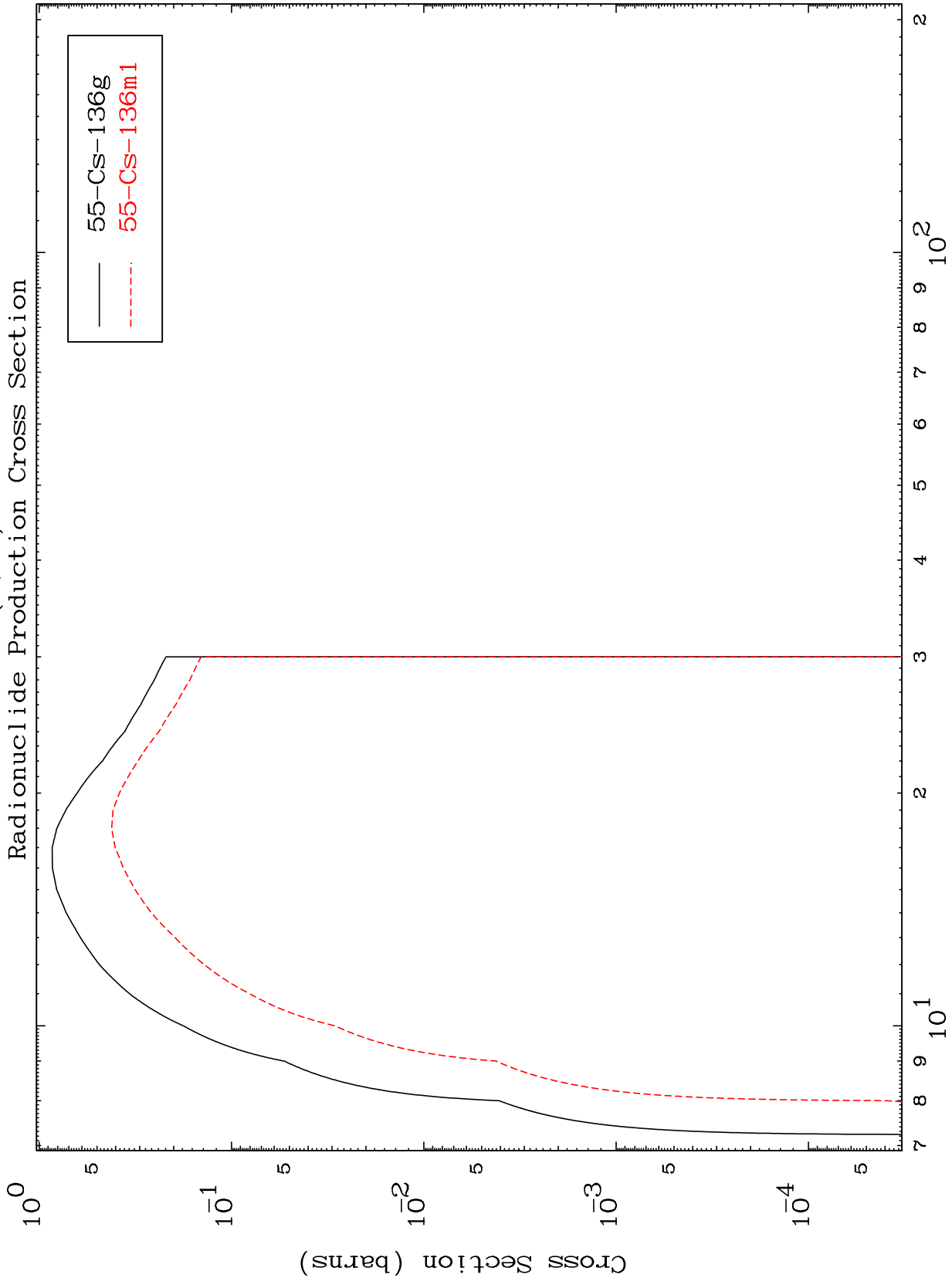
Incident Energy (MeV)

⁵⁴Xe-137

MAT 5464

(d,3n)

54-Xe-137



14

Incident Energy (MeV)

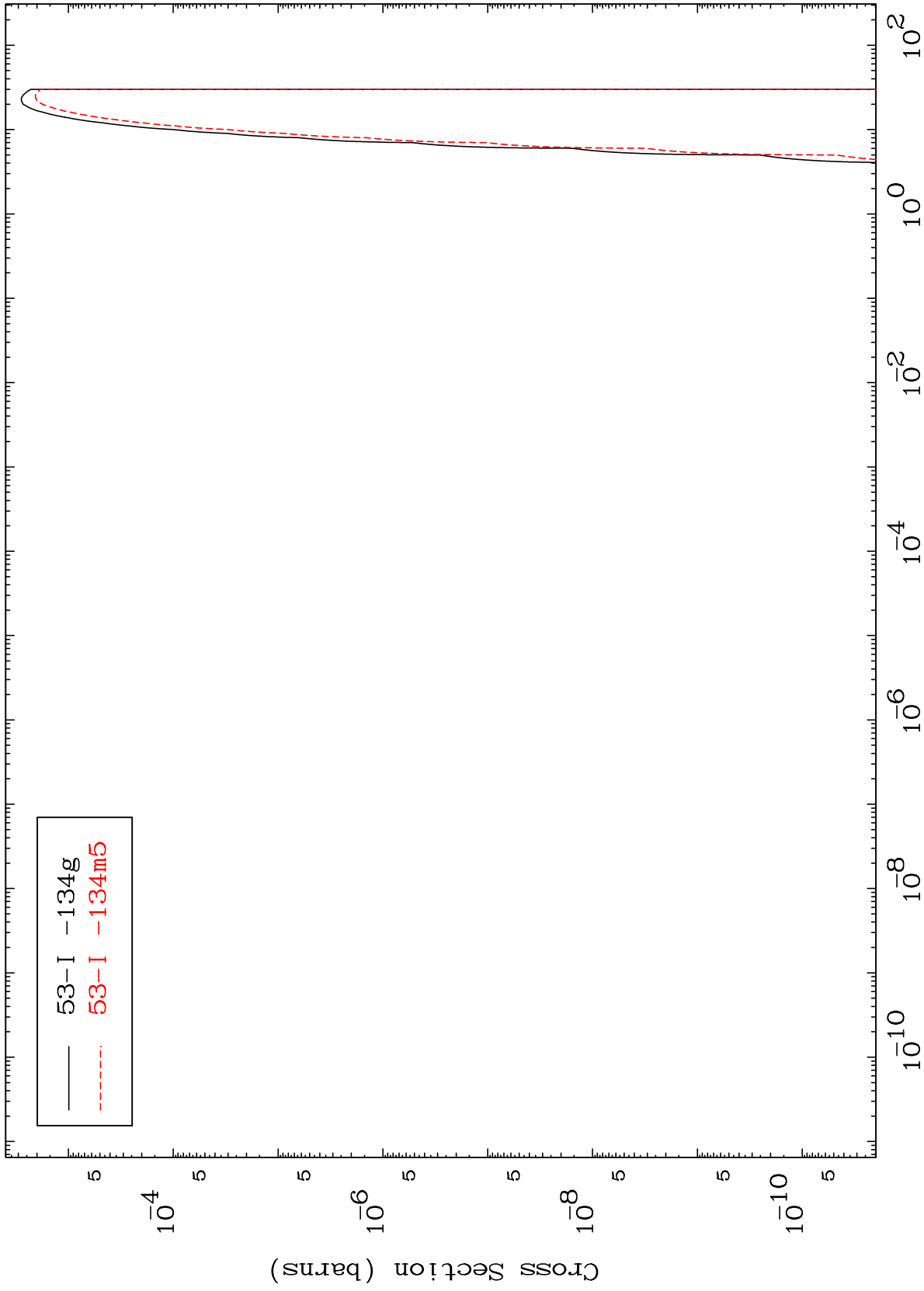
54-Xe-137

MAT 5464

(d,n') α

54-Xe-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

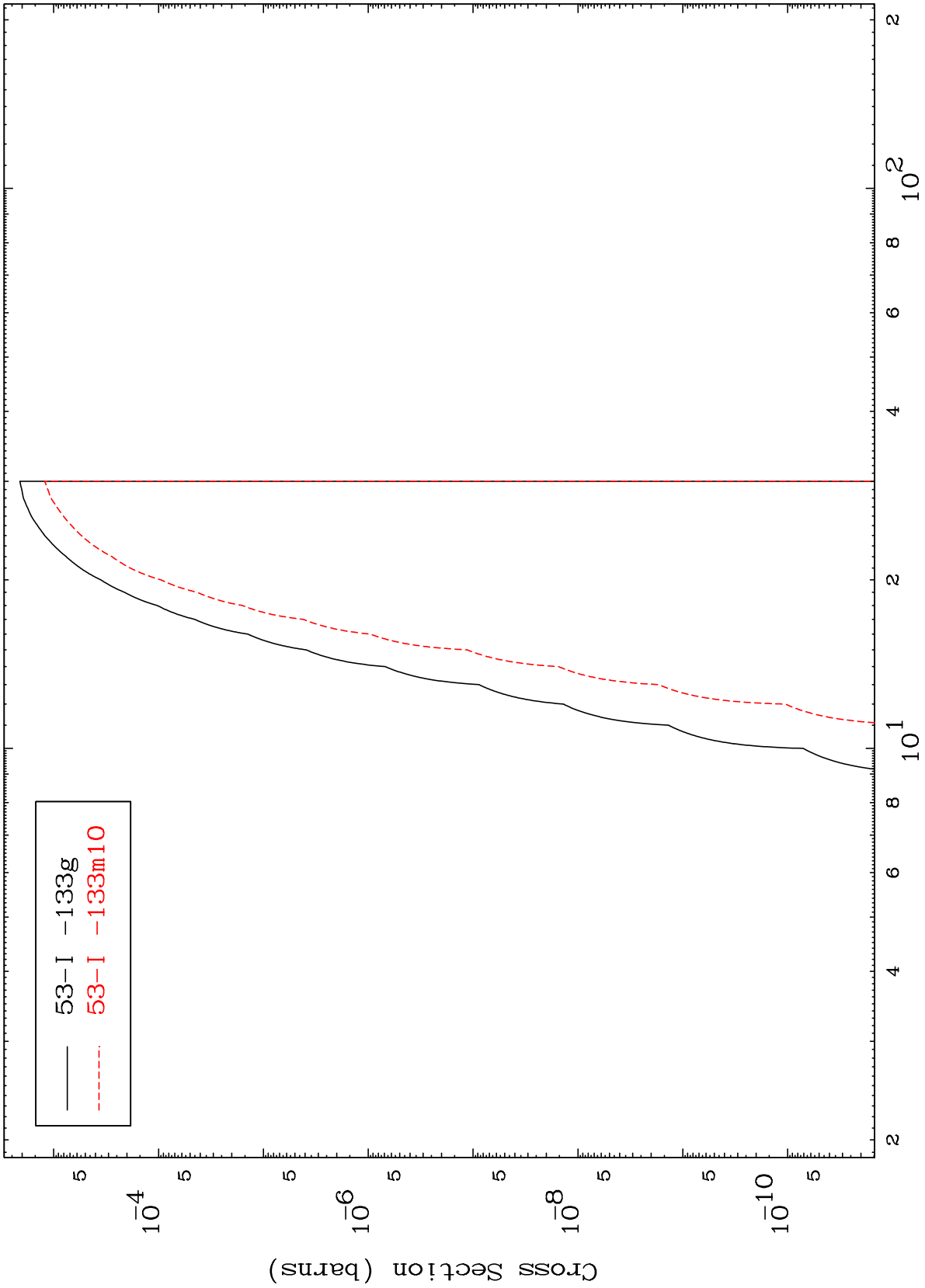
54-Xe-137

MAT 5464

(d,2n) α

54-Xe-137

Radionuclide Production Cross Section



53-I -133g
53-I -133m10

16

Incident Energy (MeV)

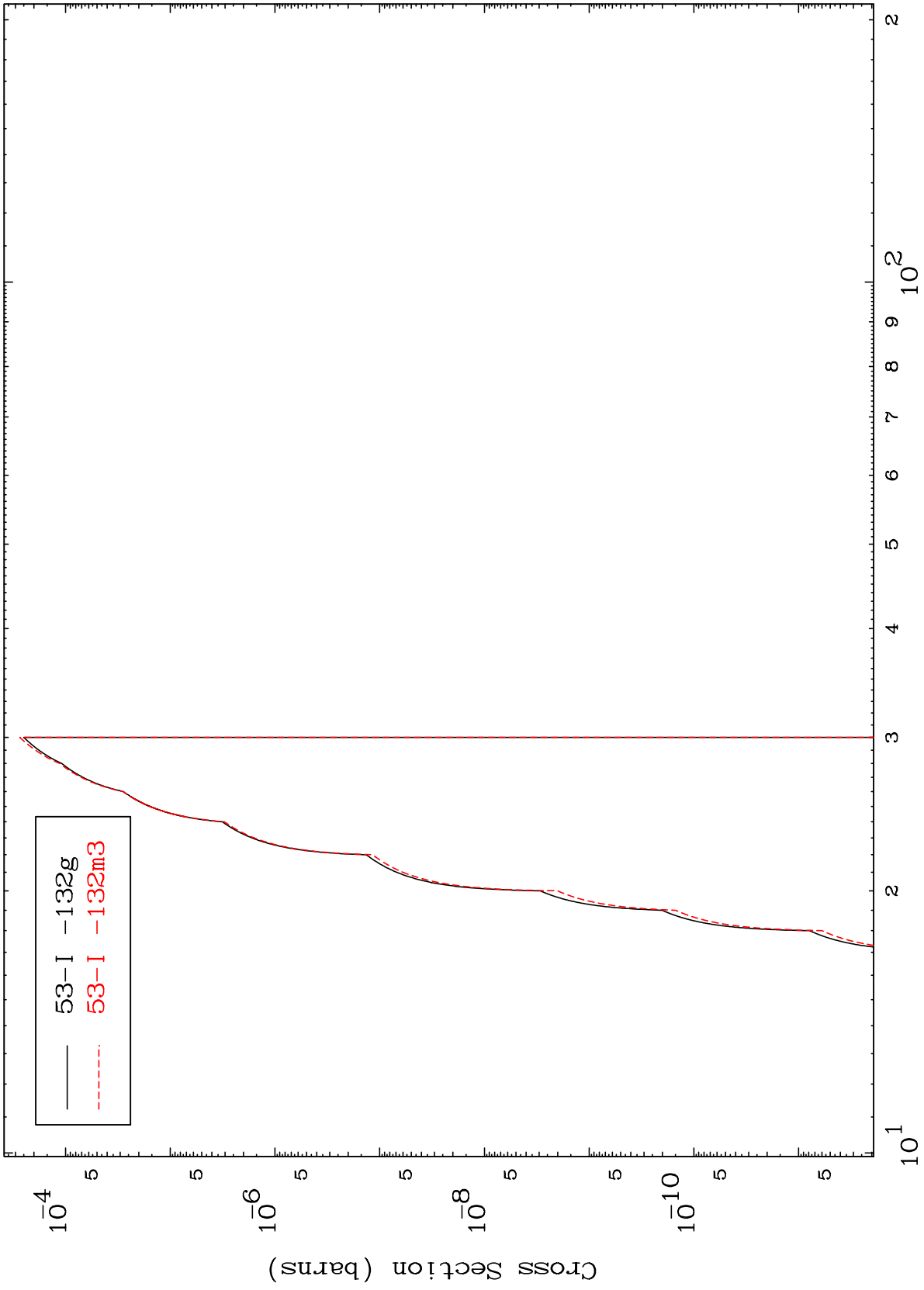
54-Xe-137

MAT 5464

(d,3n) α

54-Xe-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

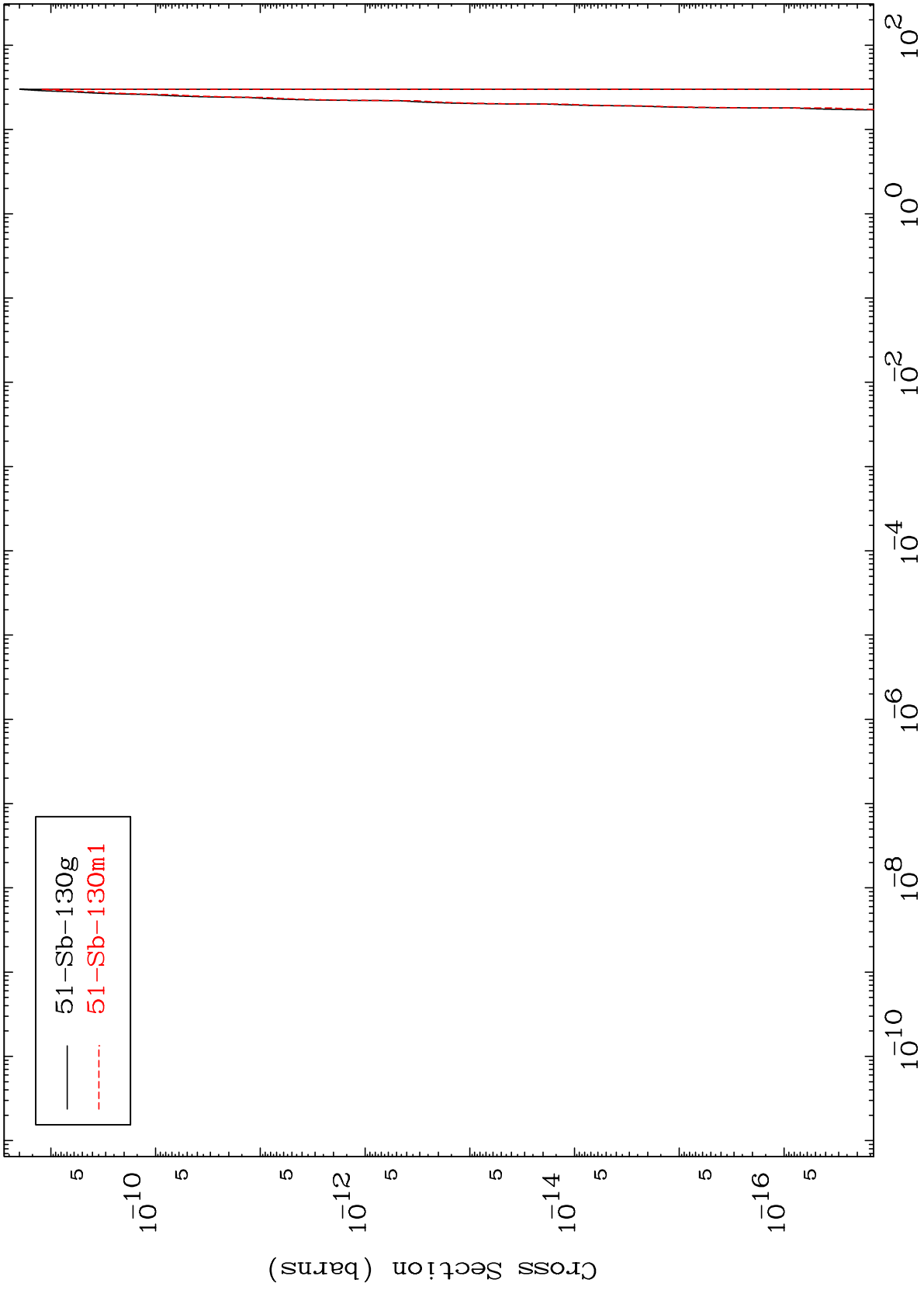
54-Xe-137

MAT 5464

(d,n') 2 α

54-Xe-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

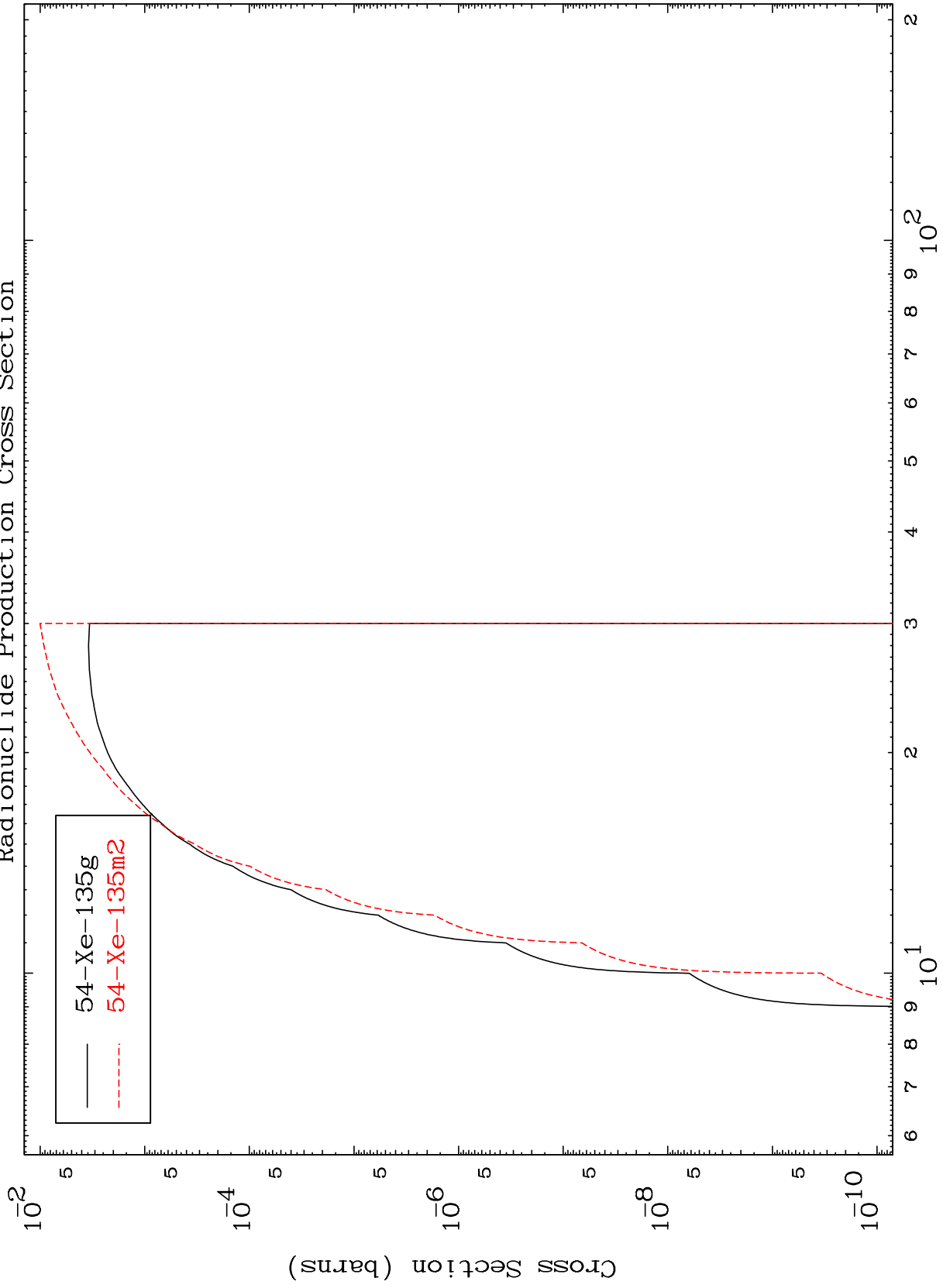
54-Xe-137

MAT 5464

(d,n') t

54-Xe-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

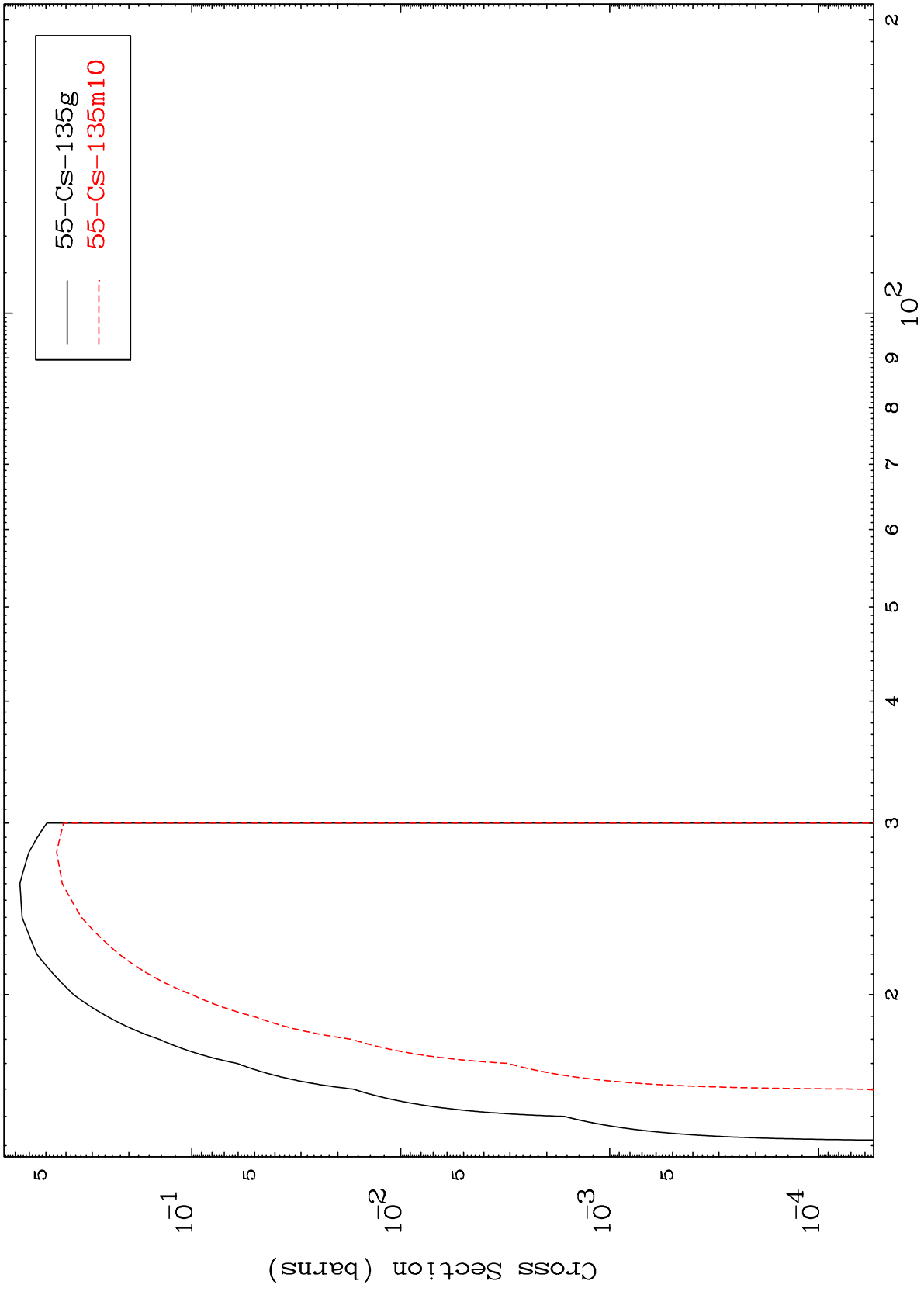
54-Xe-137

MAT 5464

(d,4n)

54-Xe-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

10²

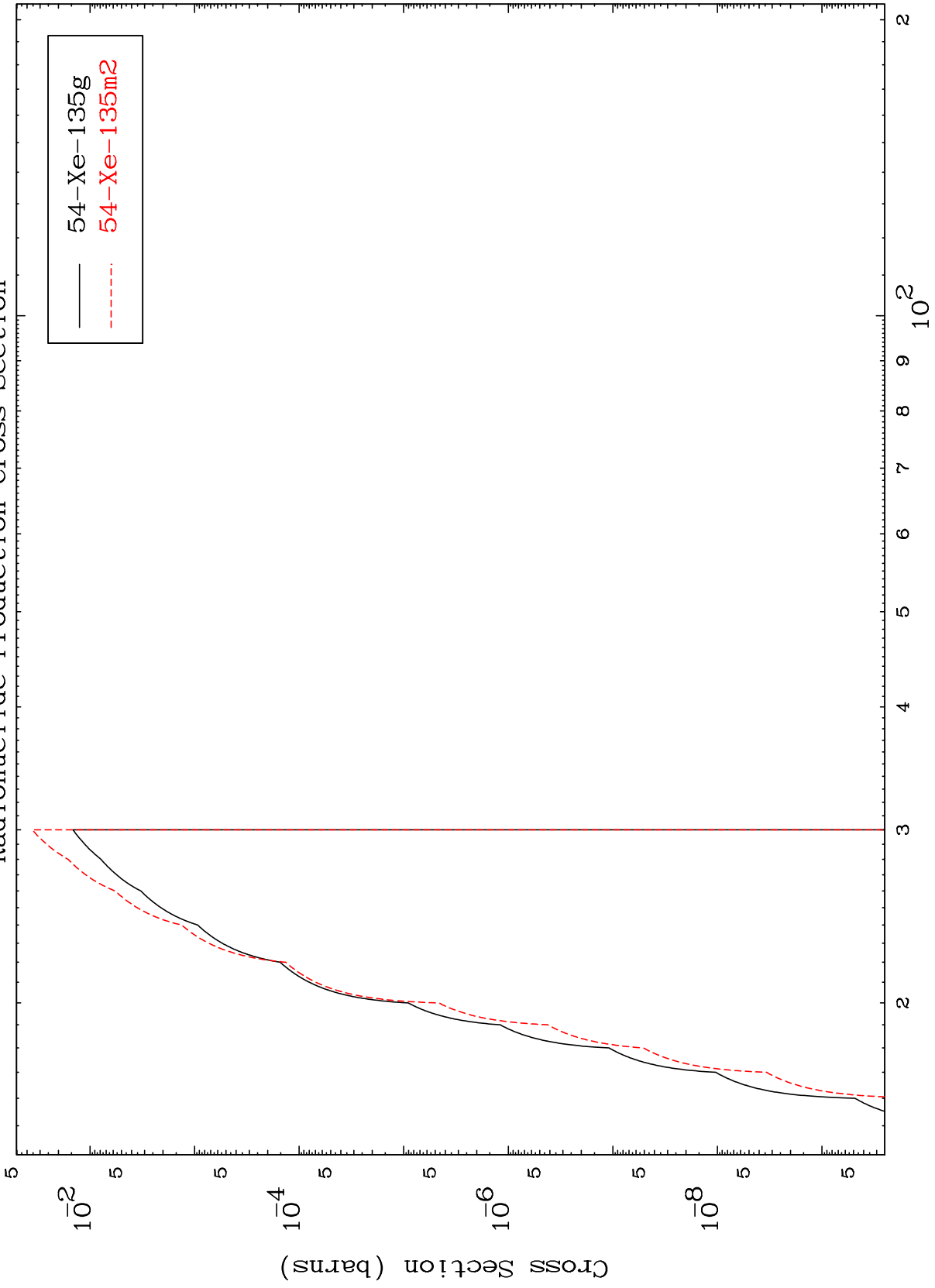
54-Xe-137

MAT 5464

(d,3n) p

⁵⁴Xe-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

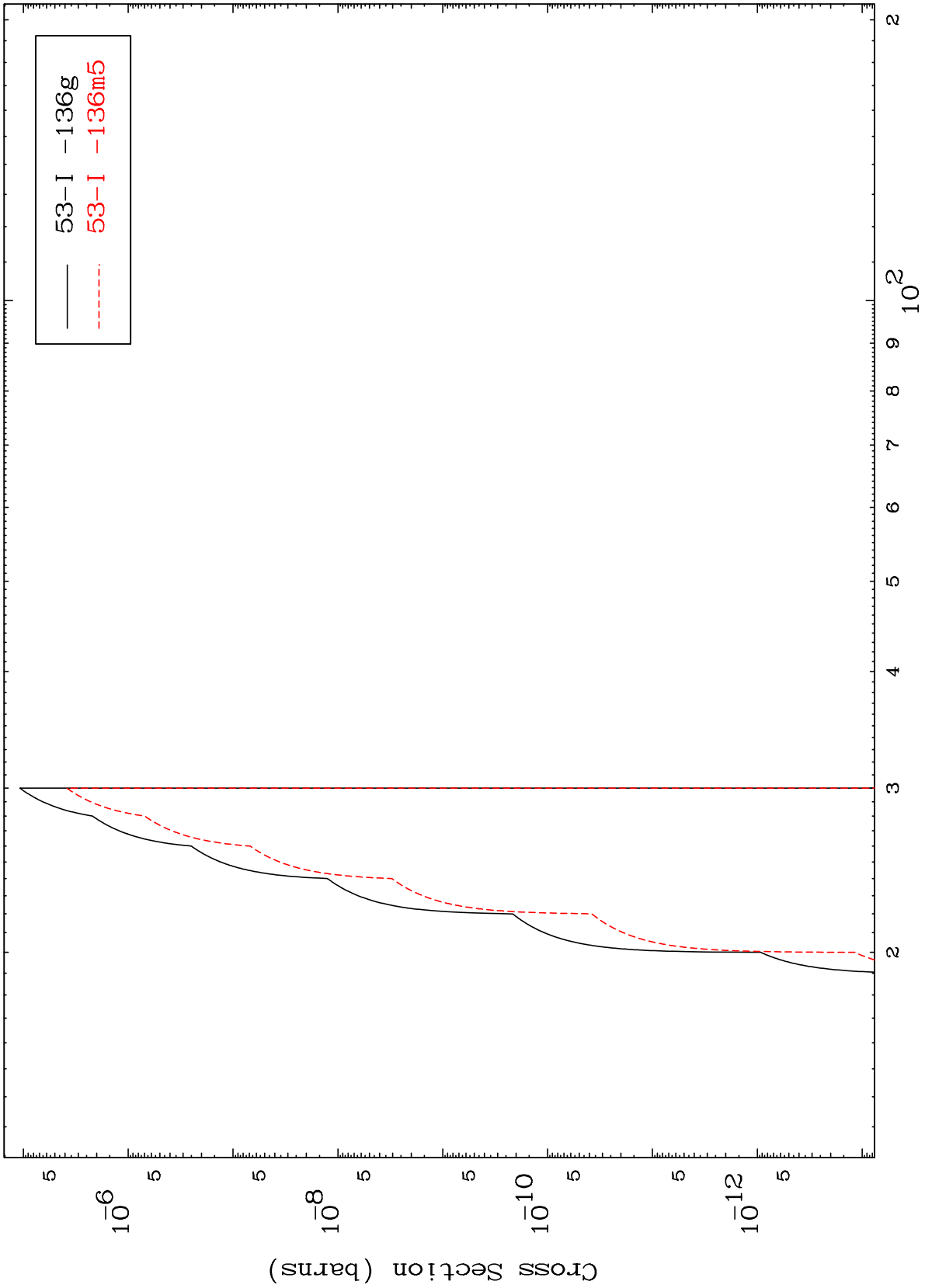
⁵⁴Xe-137

MAT 5464

(d,2n) p

54-Xe-137

Radionuclide Production Cross Section



53-I -136g
53-I -136m5

22

Incident Energy (MeV)

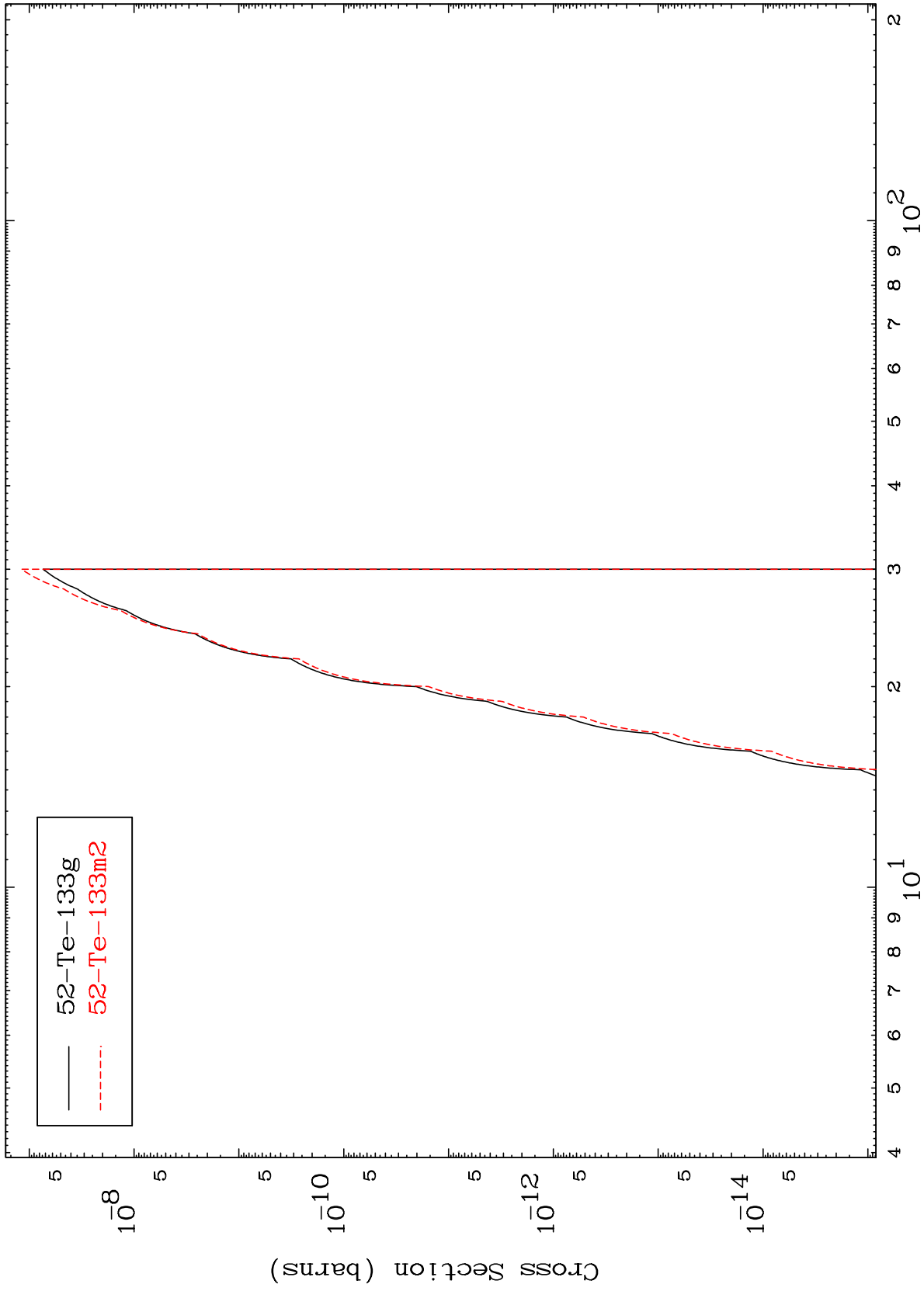
54-Xe-137

MAT 5464

(d,n') p α

54-Xe-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

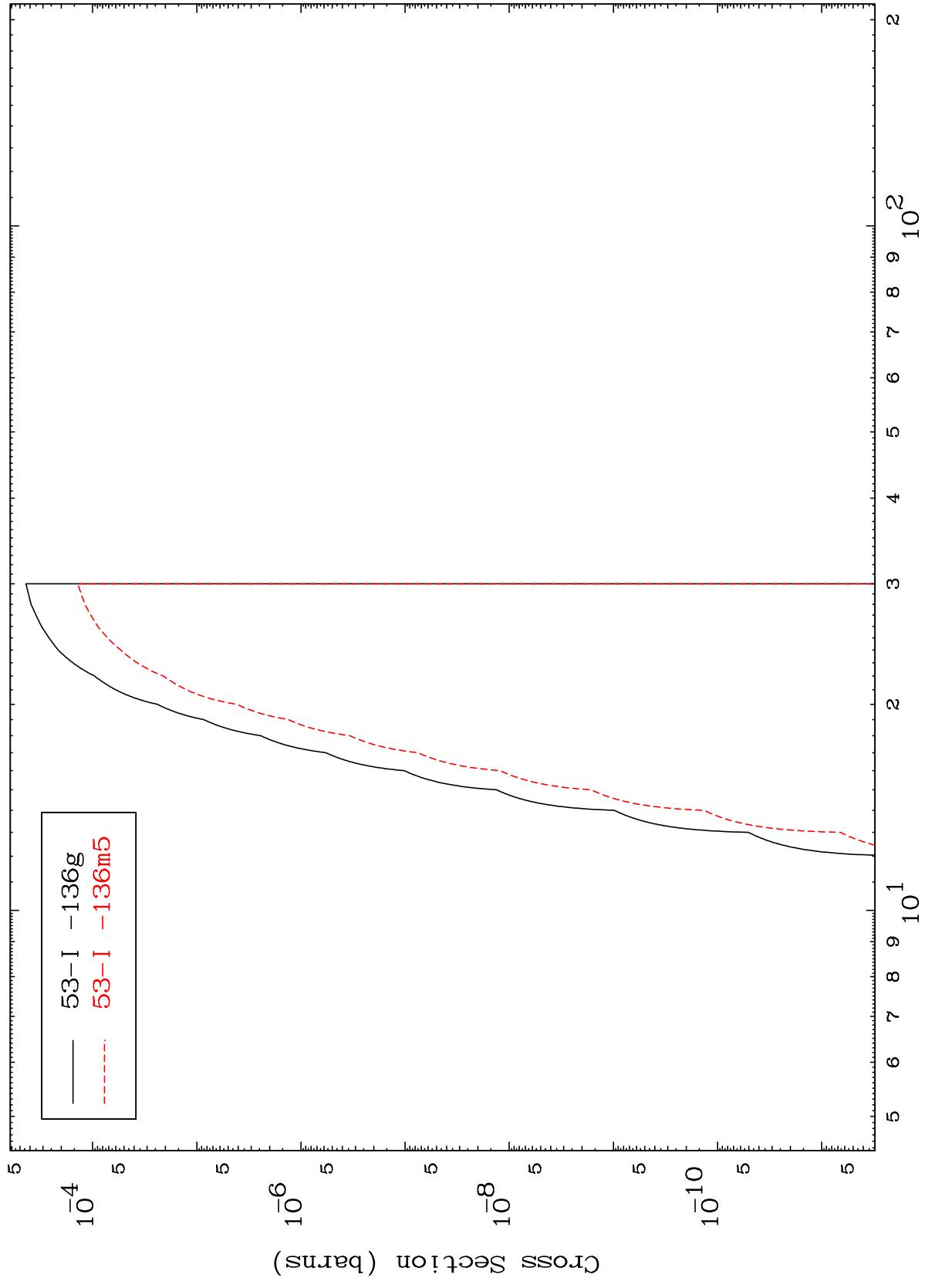
54-Xe-137

MAT 5464

(d, He-3)

54-Xe-137

Radionuclide Production Cross Section



53-I-136g
53-I-136m5

24

Incident Energy (MeV)

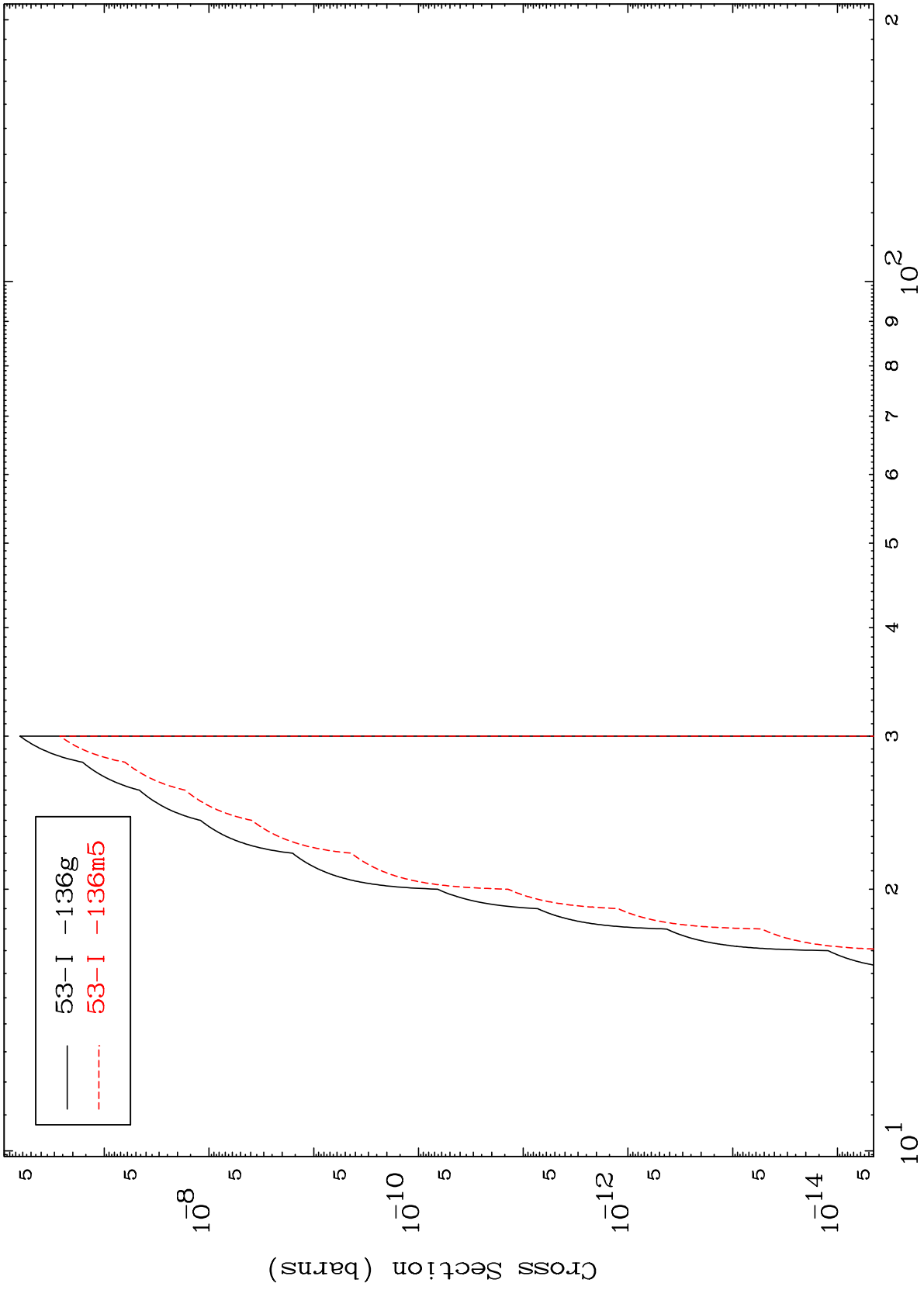
54-Xe-137

MAT 5464

(d,p) d

54-Xe-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

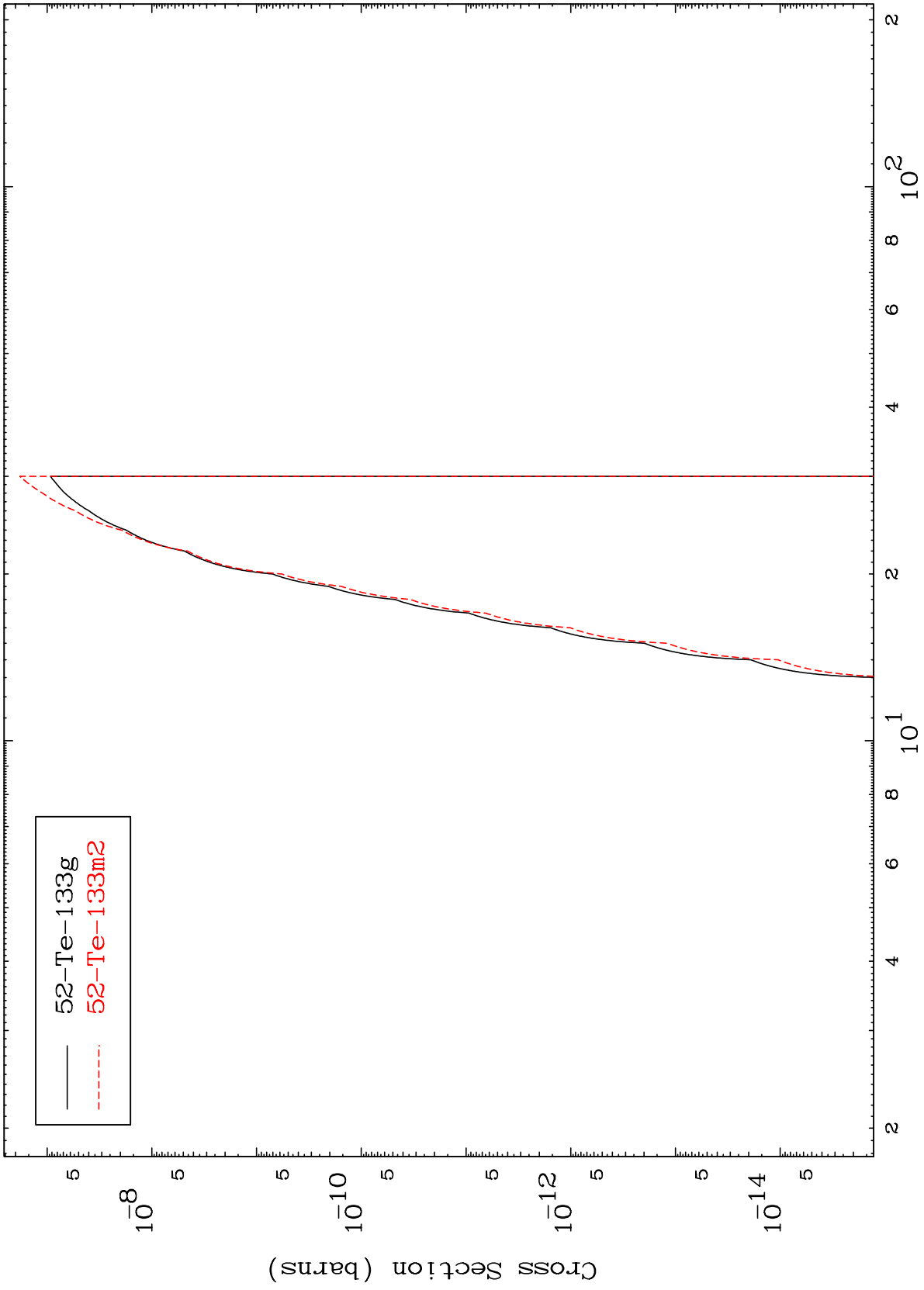
54-Xe-137

MAT 5464

(d,d) α

54-Xe-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

54-Xe-137