

Program EVALPLOT
(Version 2018-1)

by

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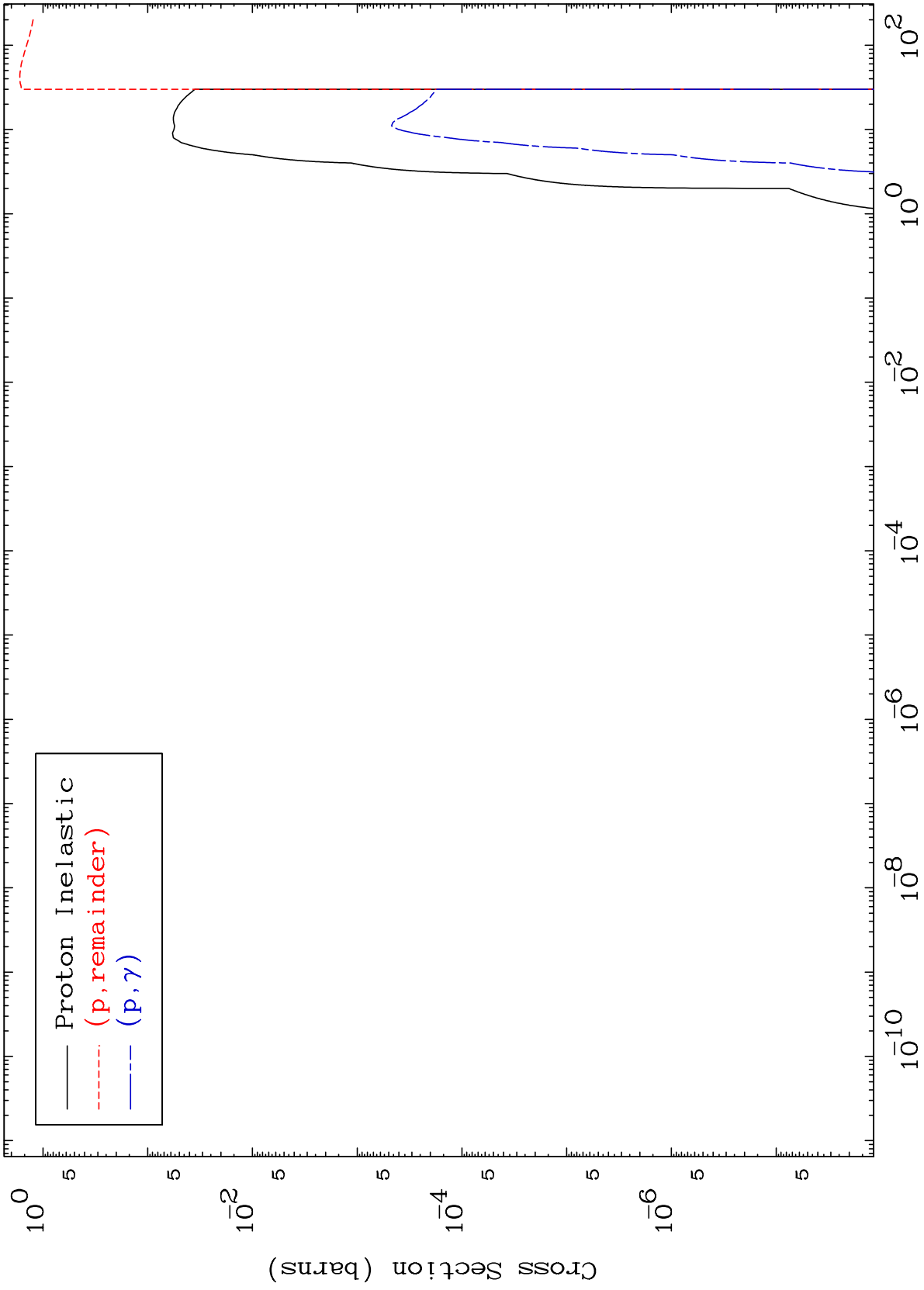
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5464

Proton Major
0 Kelvin Cross Sections

54-Xe-137



1

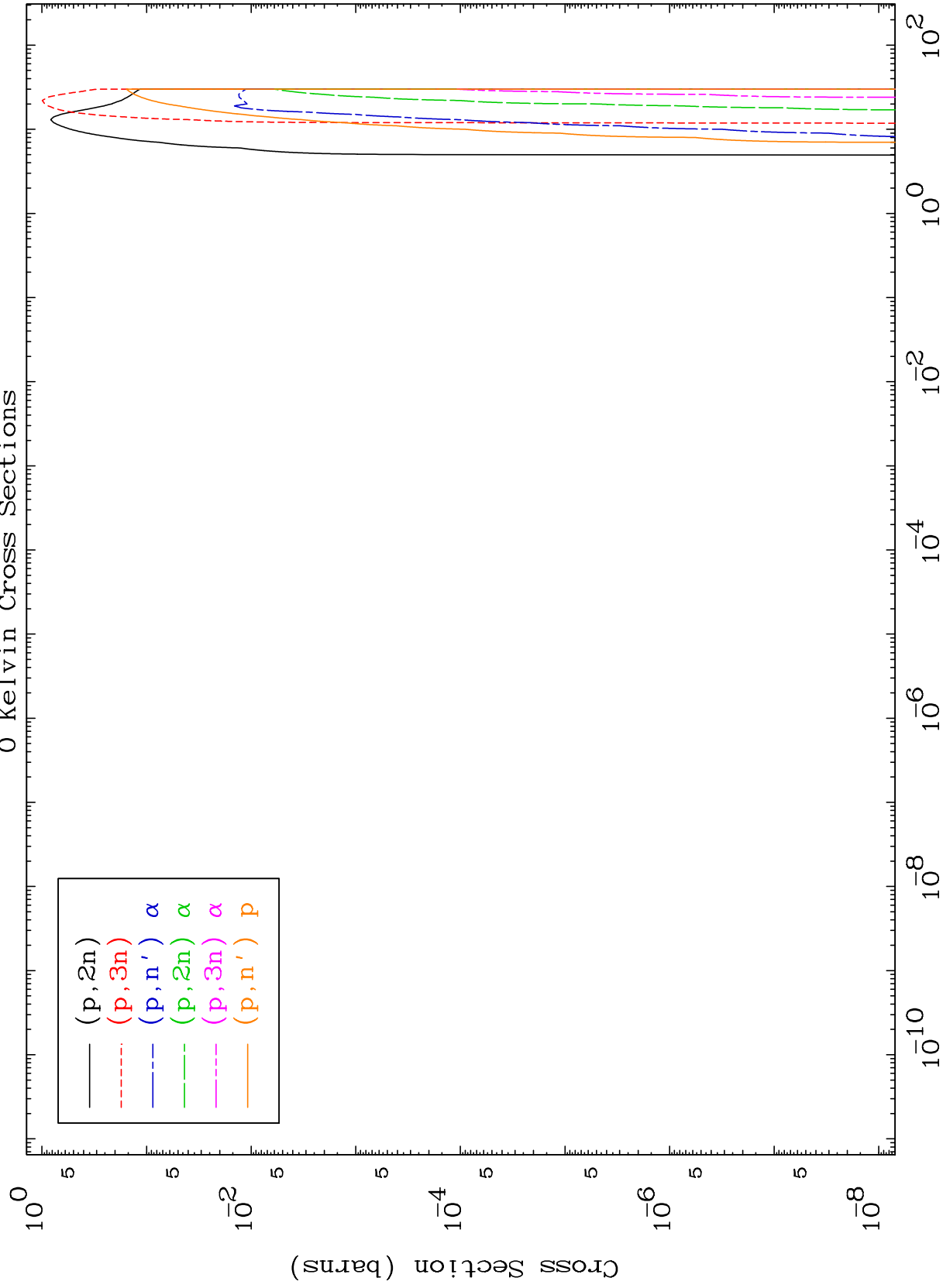
Incident Energy (MeV)

54-Xe-137

MAT 5464

Proton Neutron Production
0 Kelvin Cross Sections

54-Xe-137



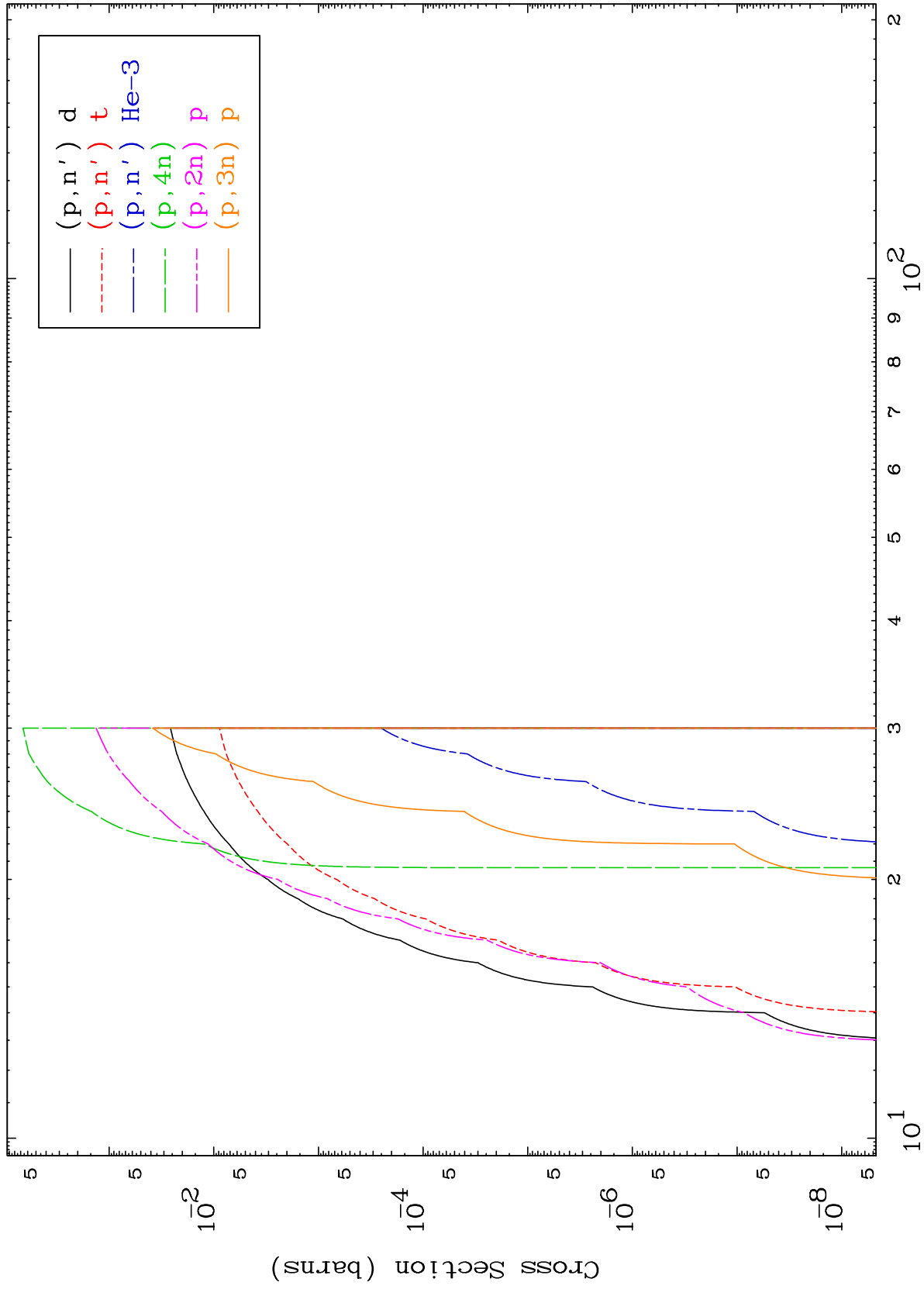
2

54-Xe-137

MAT 5464

Proton Neutron Production
0 Kelvin Cross Sections

54-Xe-137



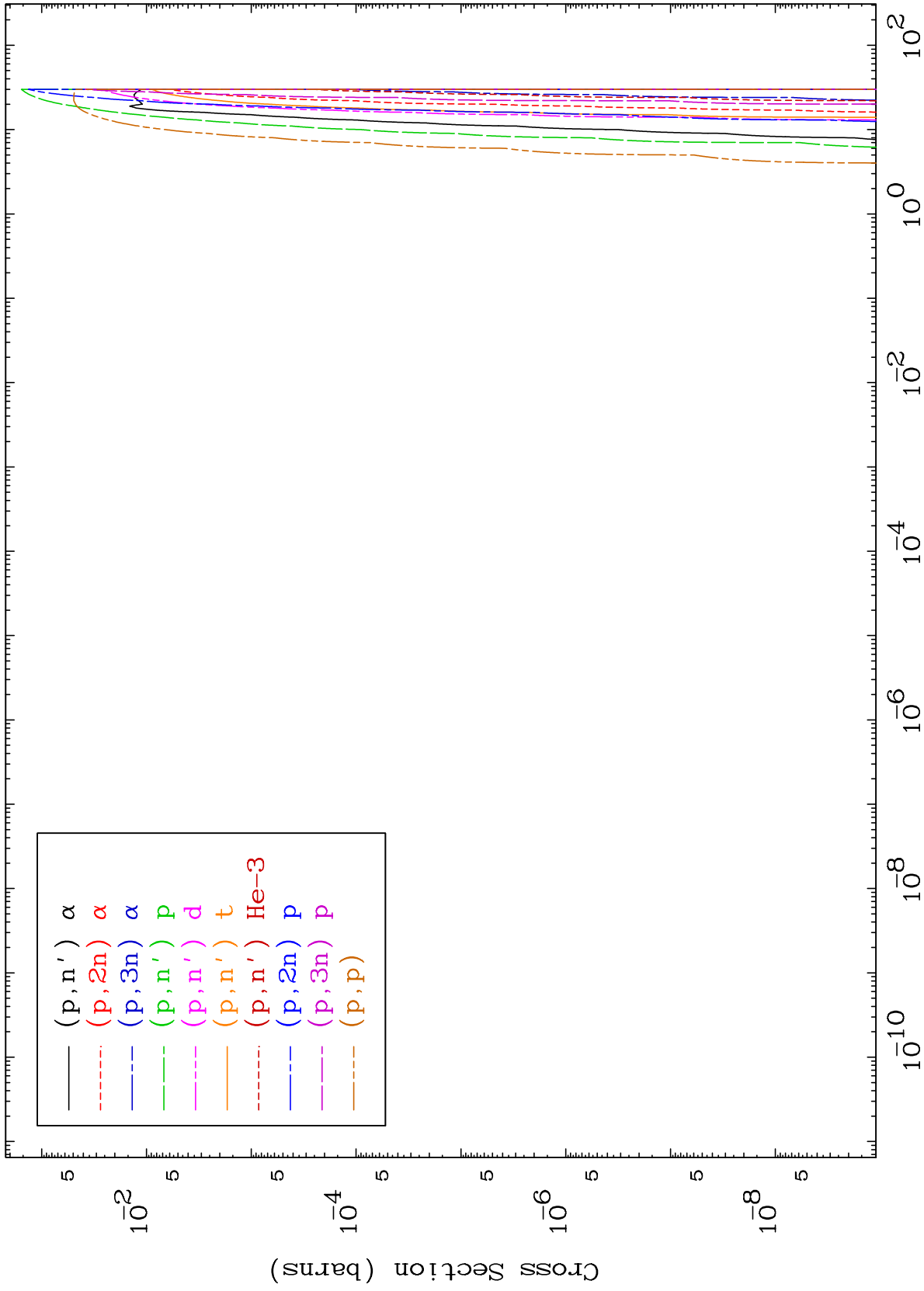
Incident Energy (MeV)

54-Xe-137

MAT 5464

Proton Charged Particle
0 Kelvin Cross Sections

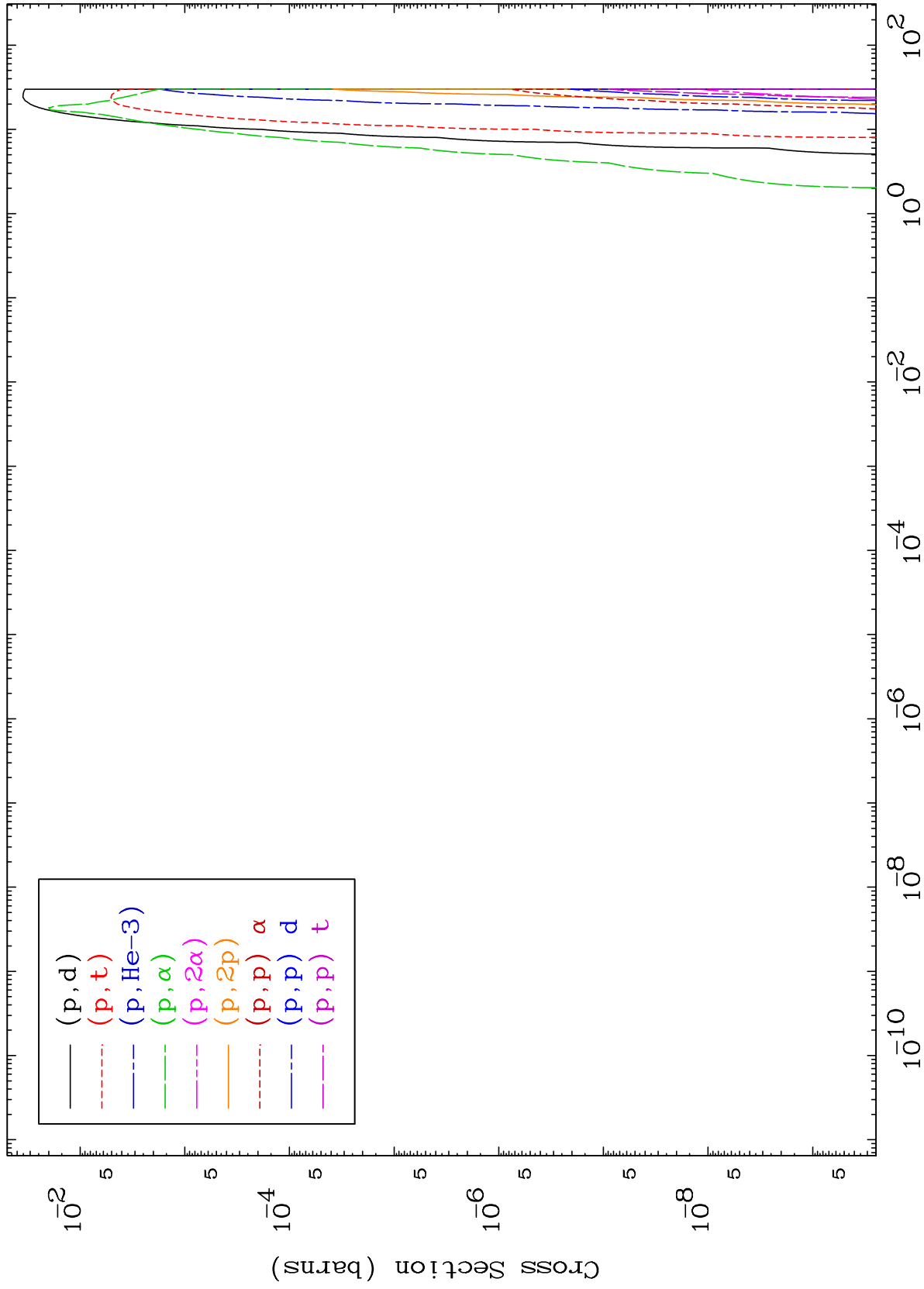
54-Xe-137



MAT 5464

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-137



5

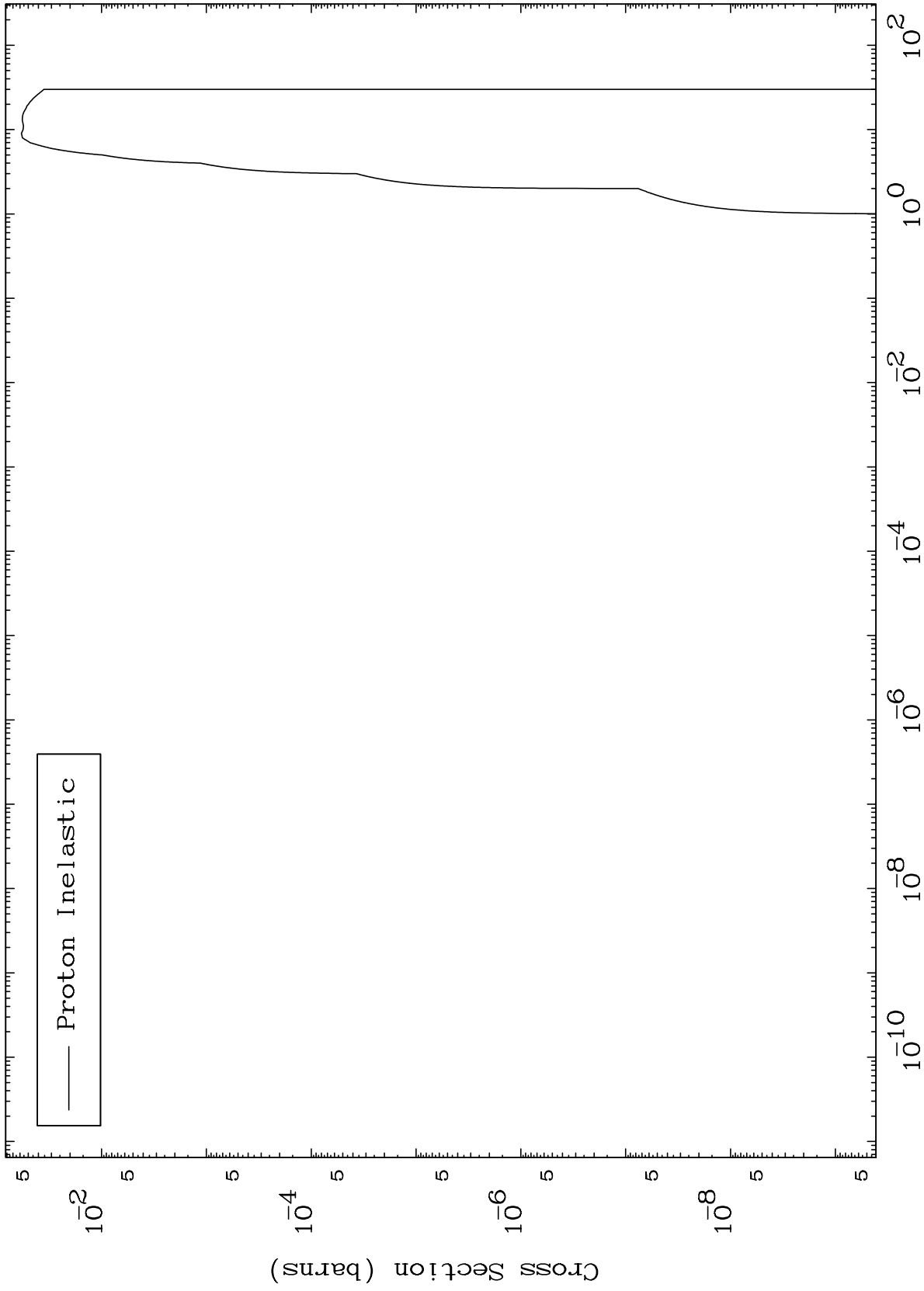
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p,n') Level
0 Kelvin Cross Sections

54-Xe-137



6

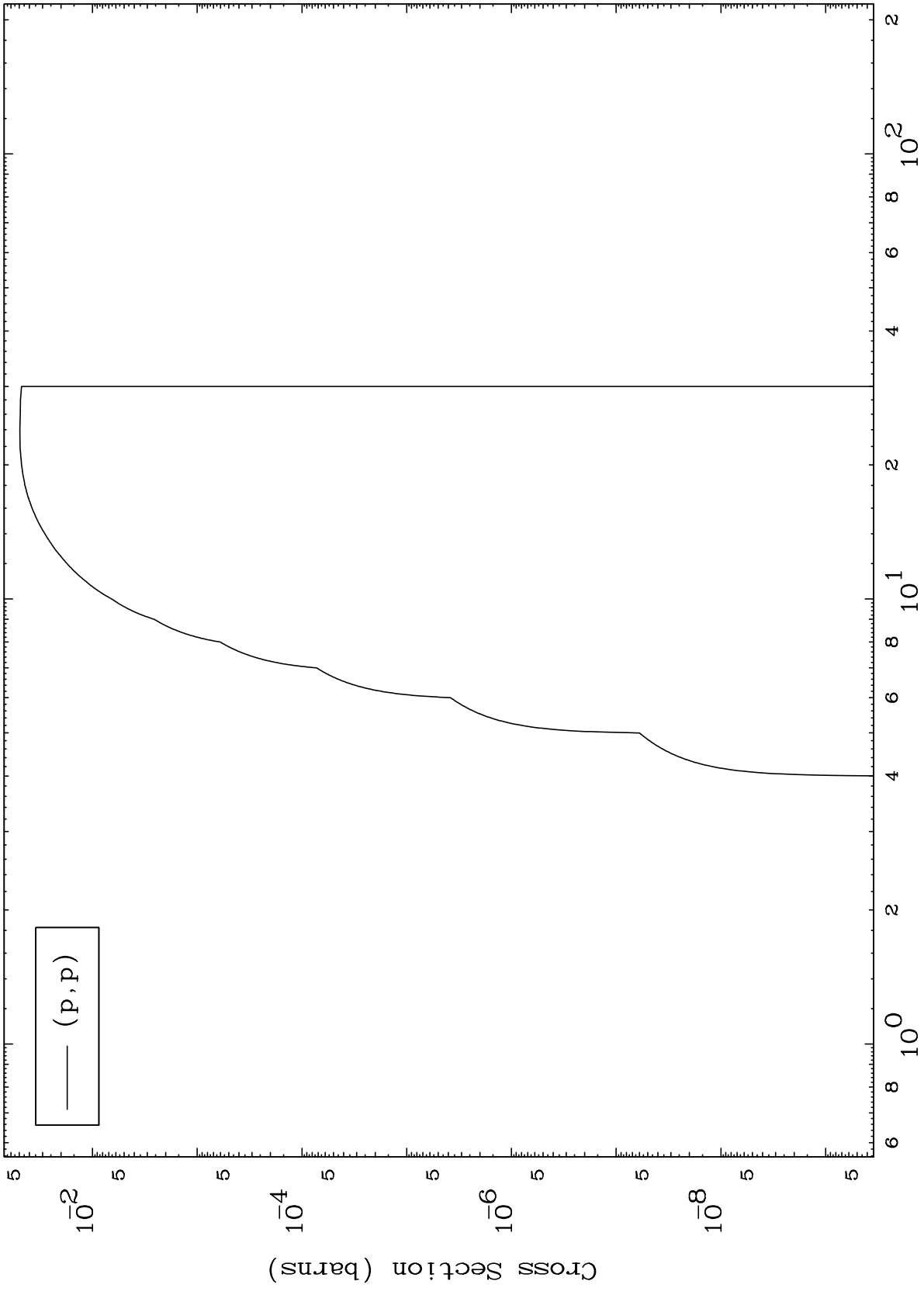
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p,p) Levels
0 Kelvin Cross Sections

54-Xe-137



7

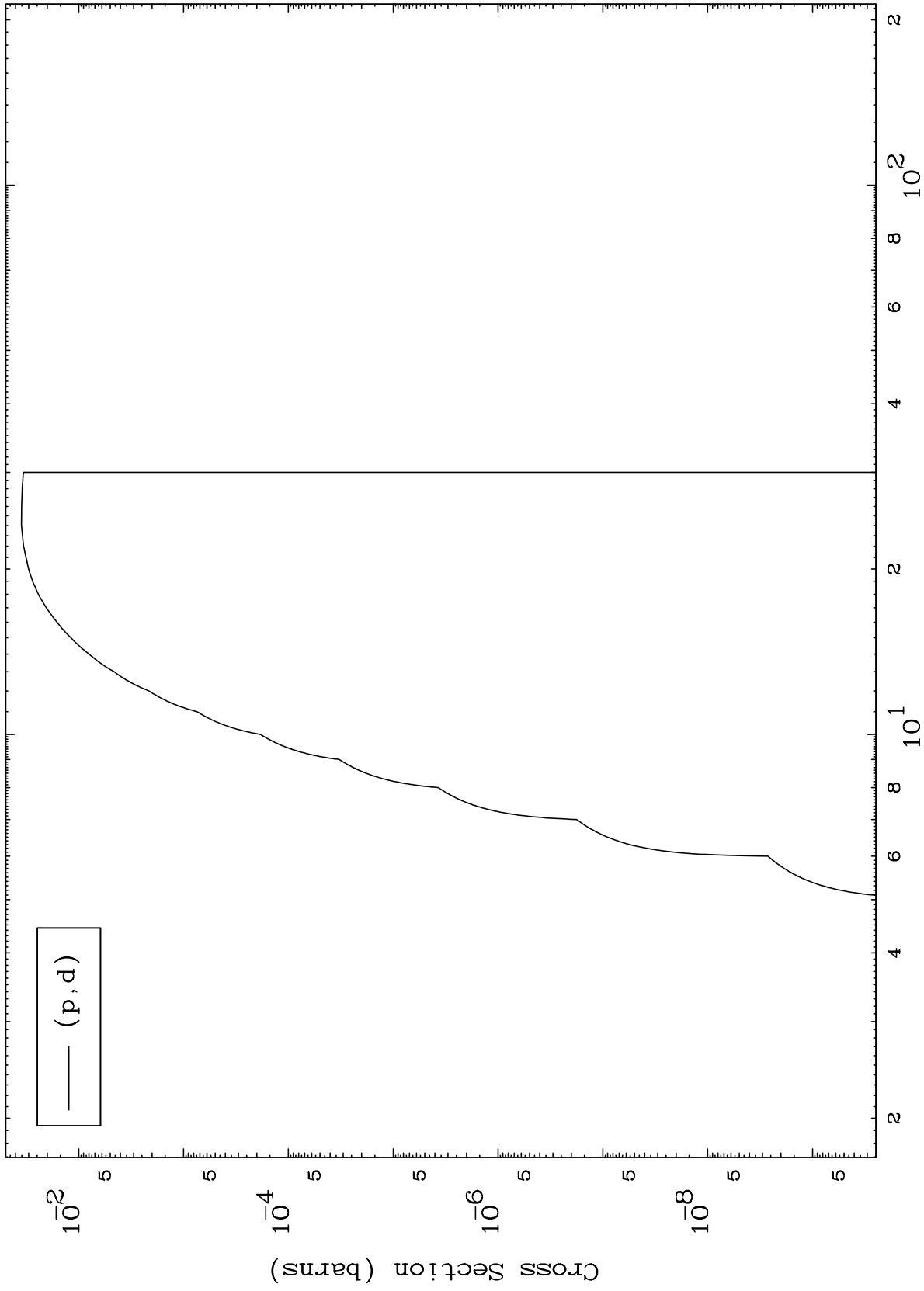
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-137



8

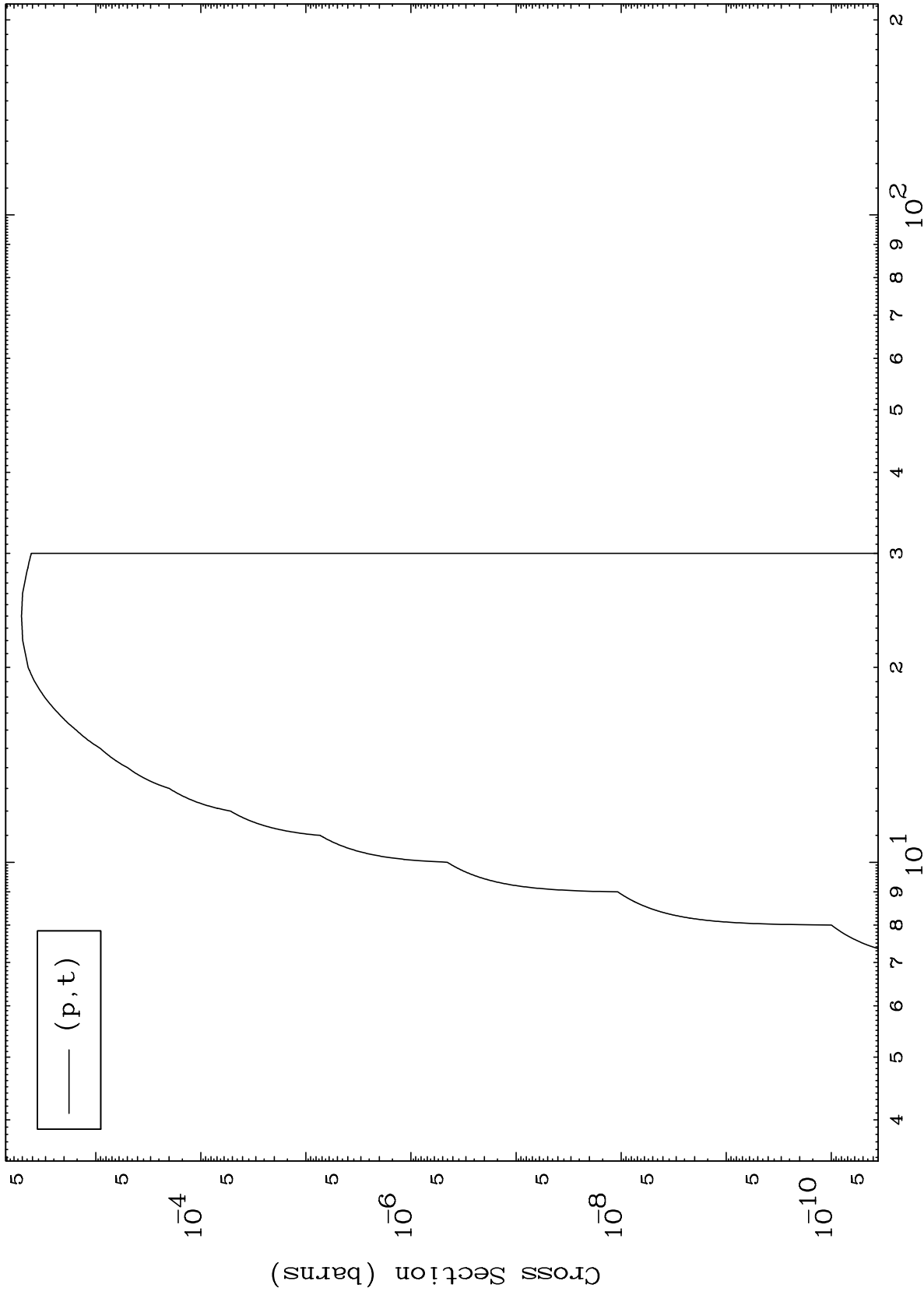
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p,t) Levels
0 Kelvin Cross Sections

54-Xe-137



9

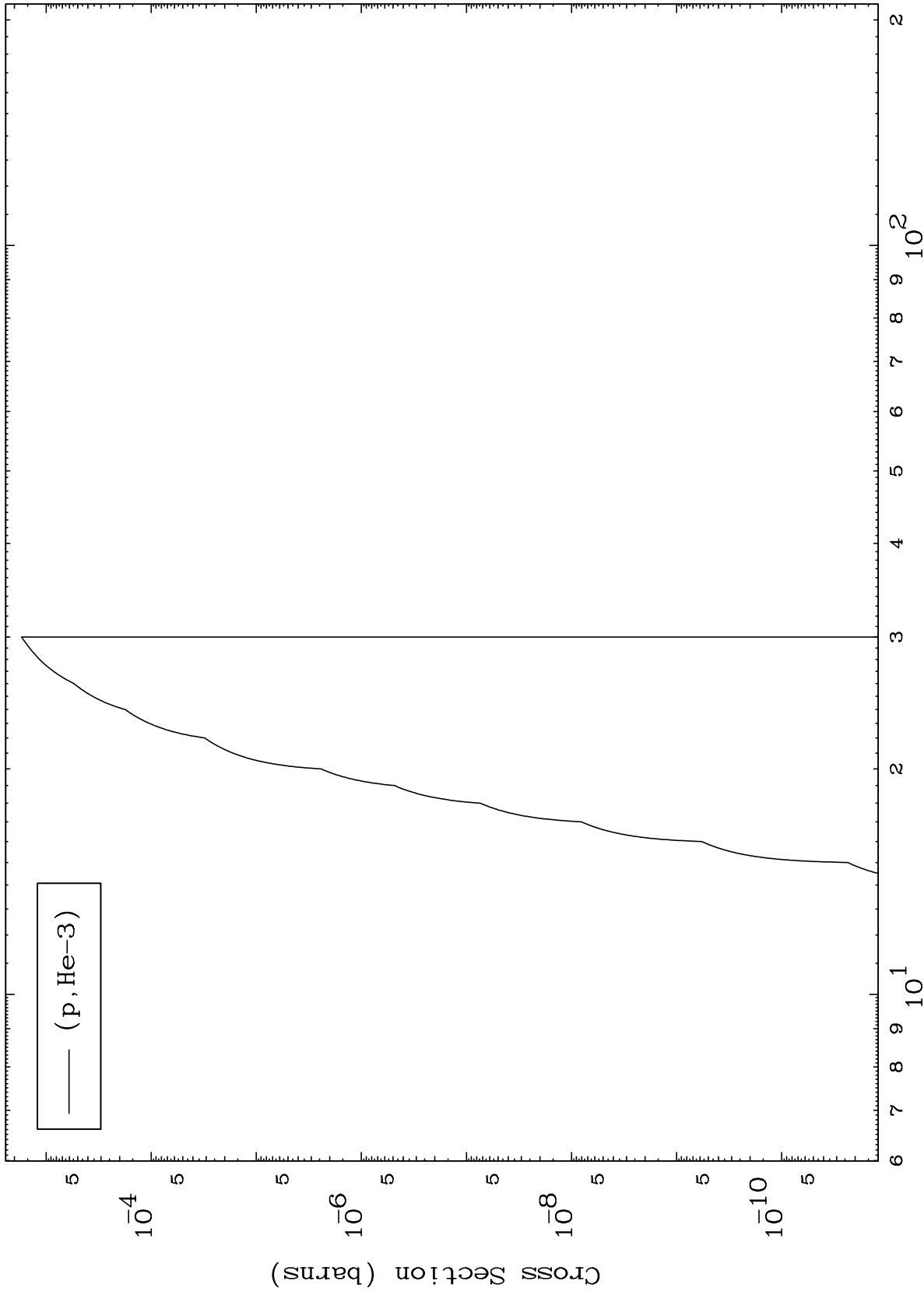
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-137



10

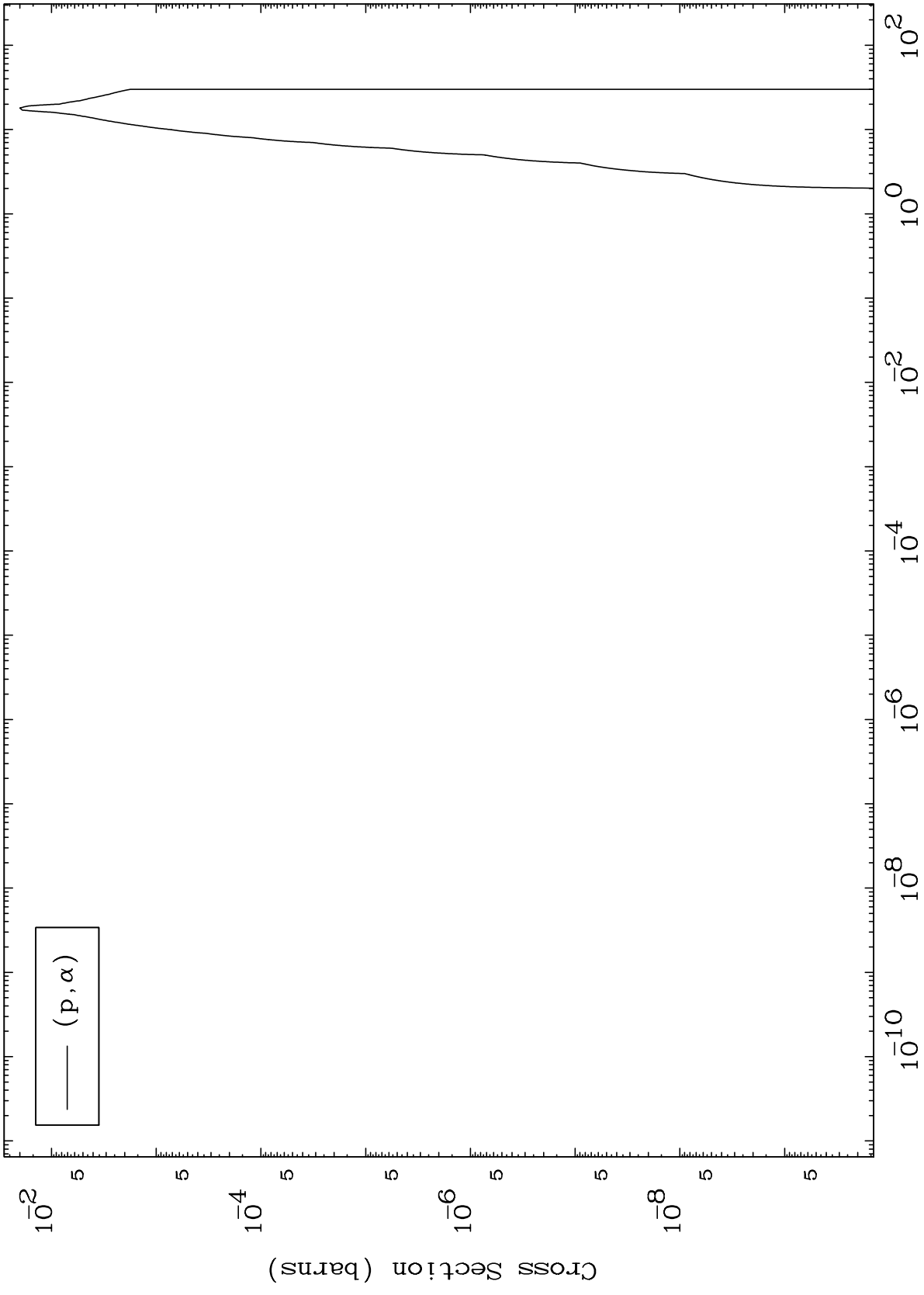
Incident Energy (MeV)

54-Xe-137

MAT 5464

(p, α) Levels
0 Kelvin Cross Sections

54-Xe-137



11

Incident Energy (MeV)

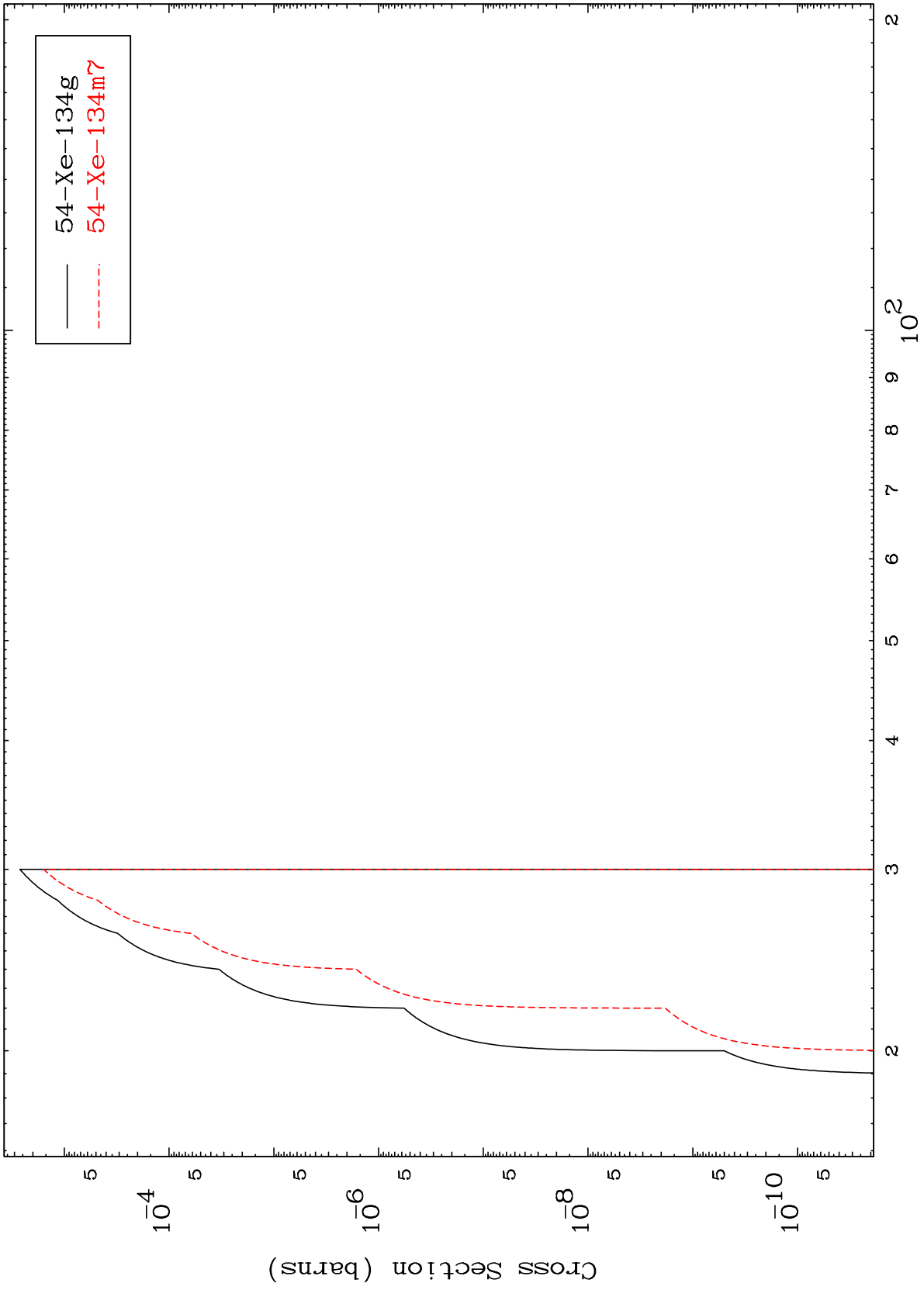
54-Xe-137

MAT 5464

(p,2n) d

54-Xe-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

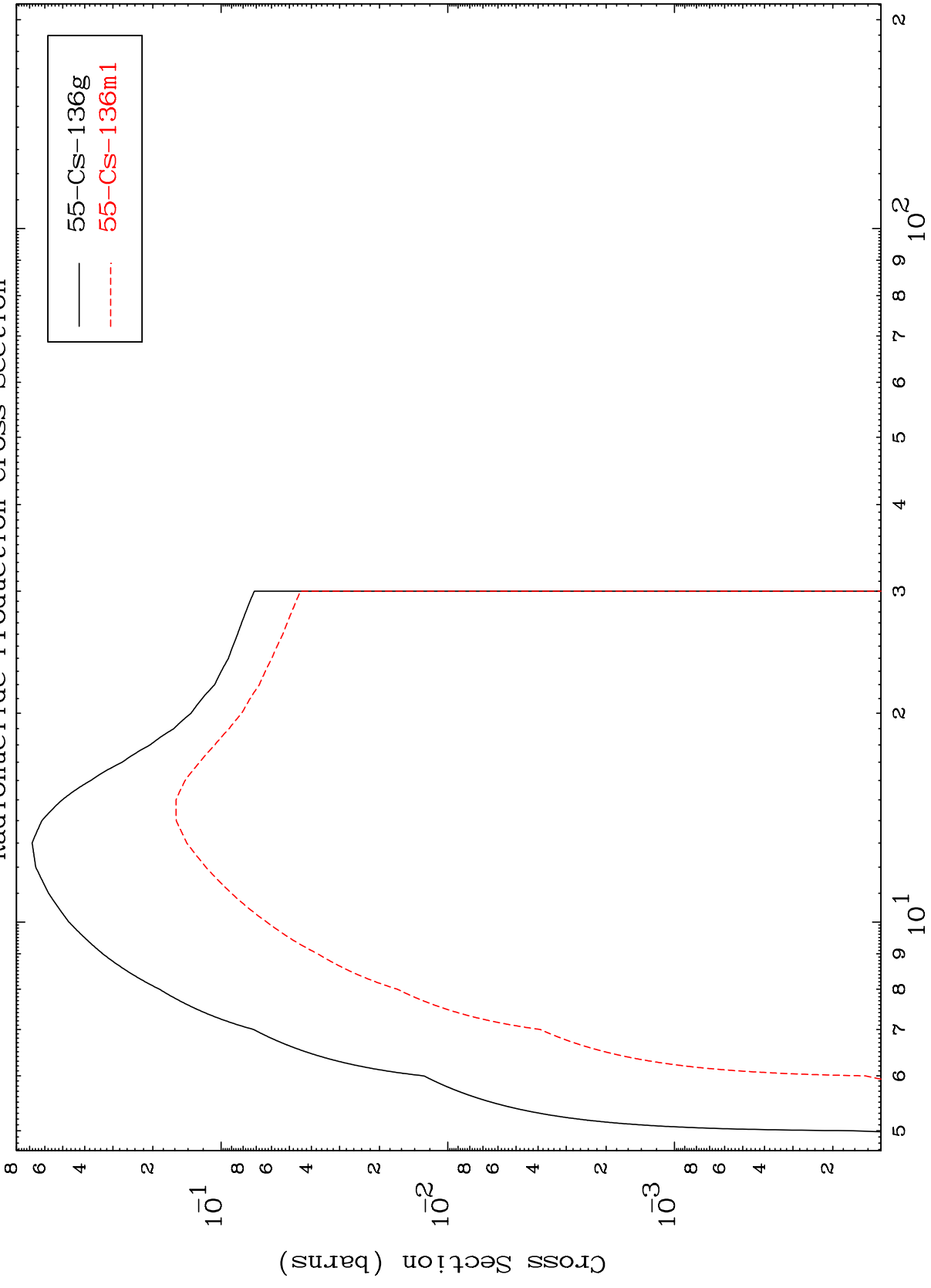
54-Xe-137

MAT 5464

(p,2n)

54-Xe-137

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m1

13

Incident Energy (MeV)

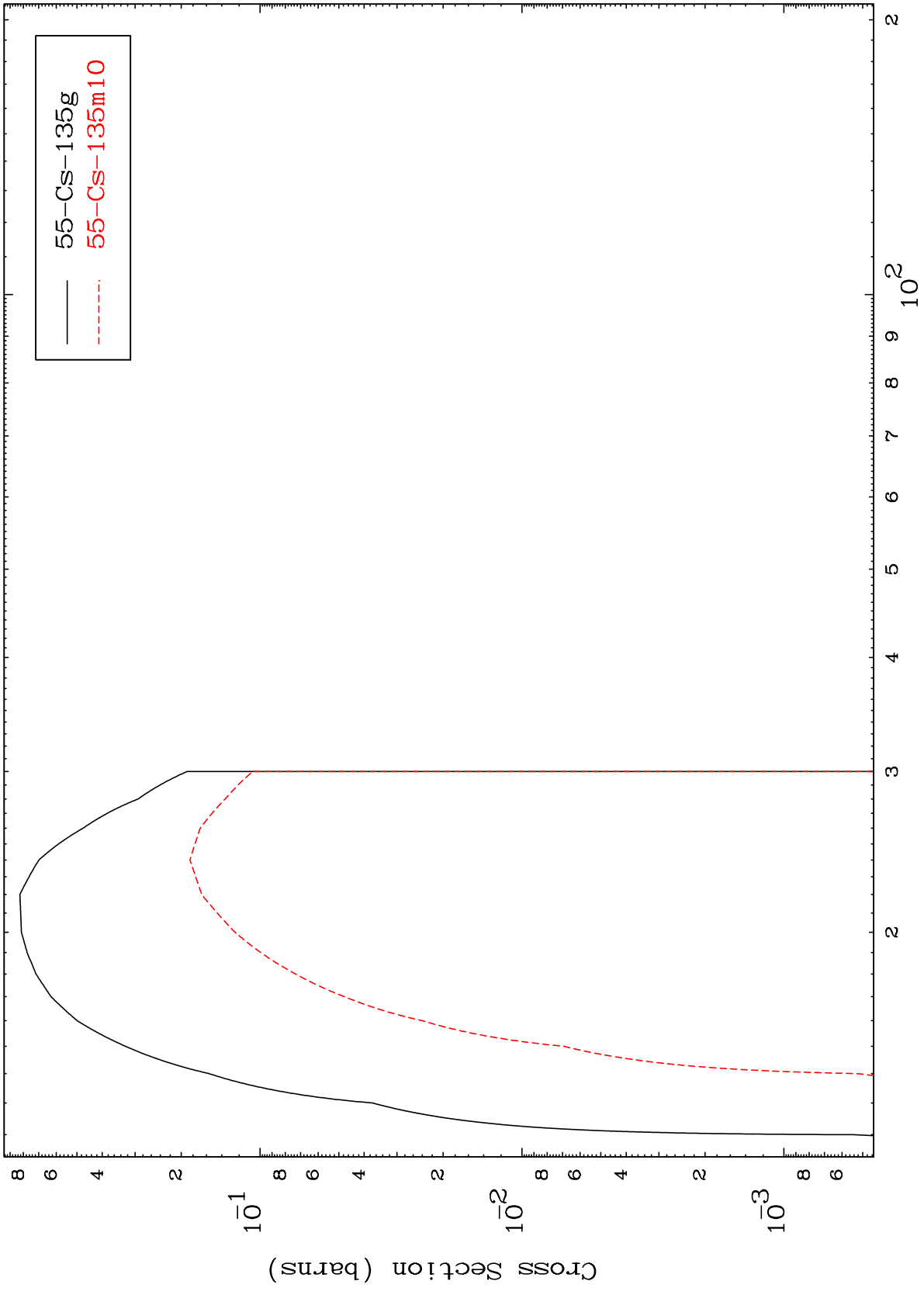
54-Xe-137

MAT 5464

(p,3n)

54-Xe-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

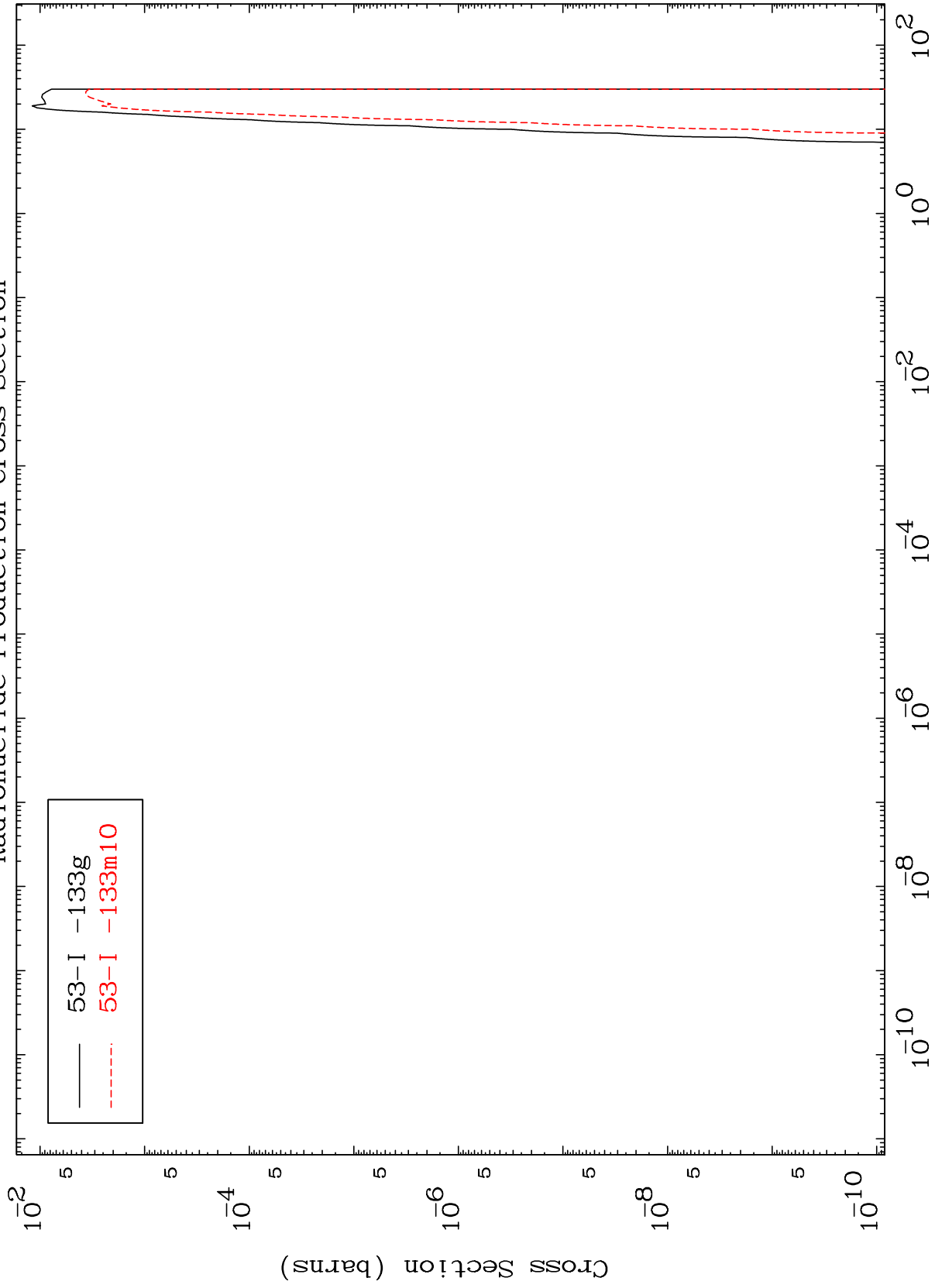
54-Xe-137

MAT 5464

(p,n') α

54-Xe-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

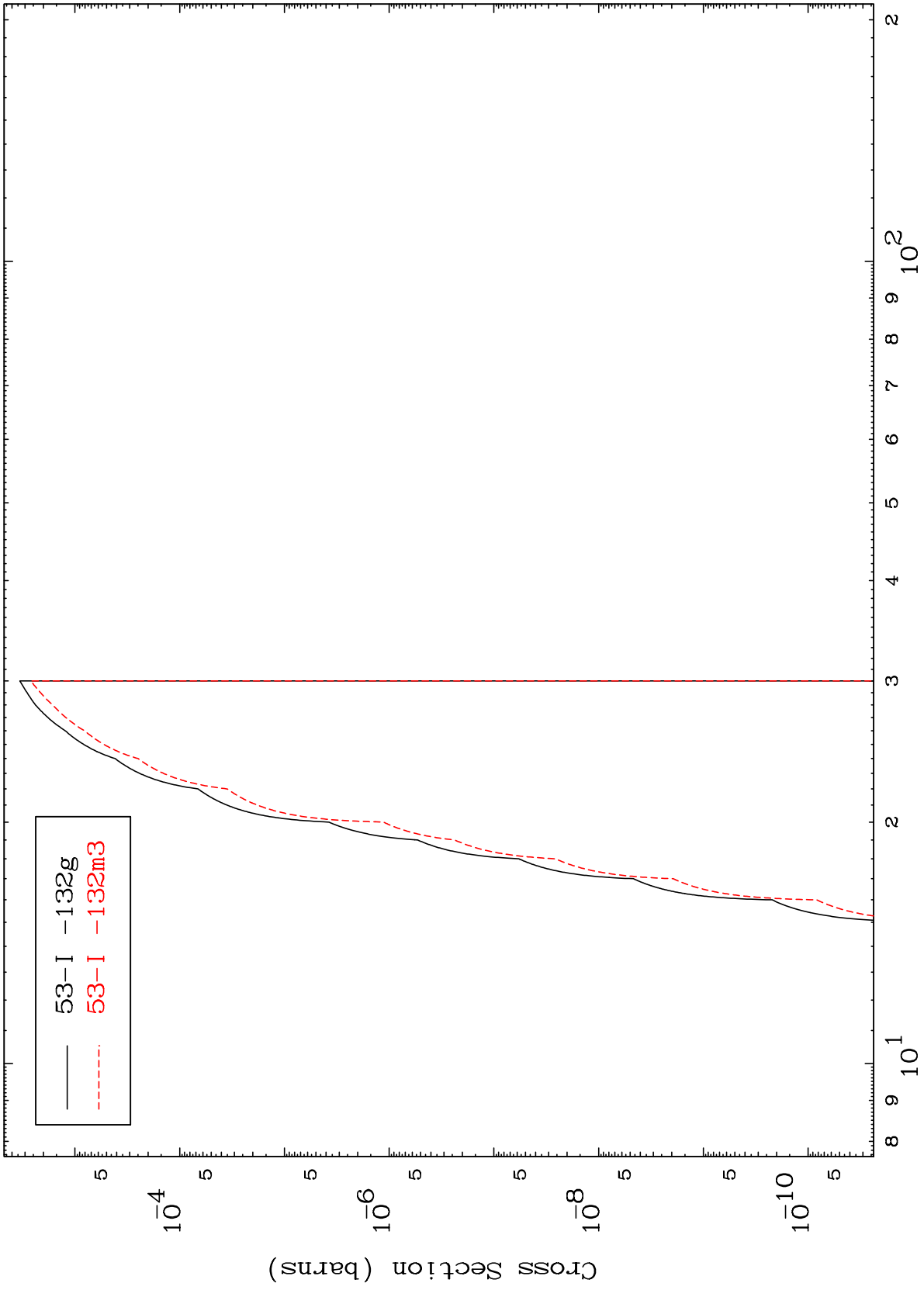
54-Xe-137

MAT 5464

(p,2n) α

54-Xe-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

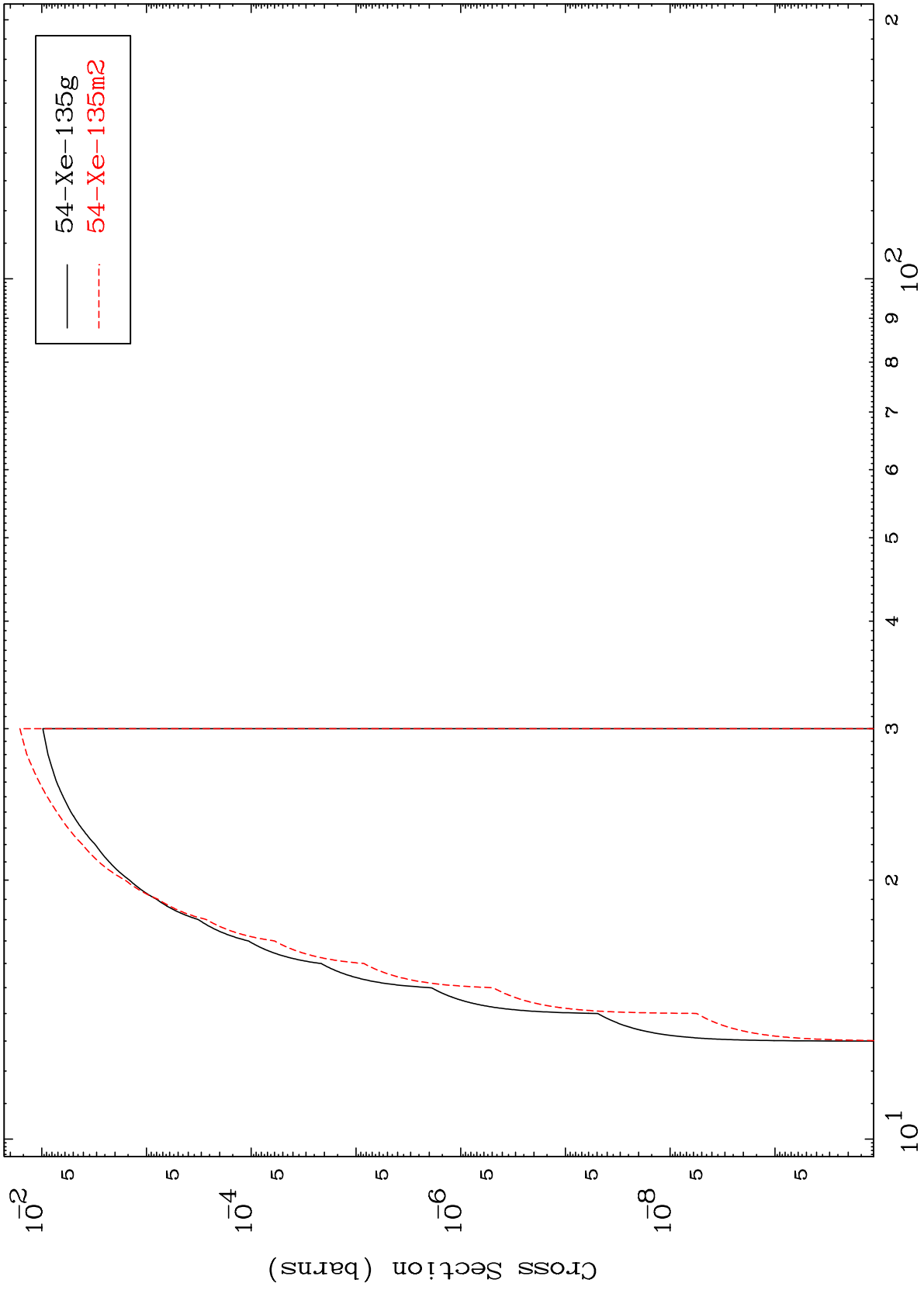
54-Xe-137

MAT 5464

(p,n') d

54-Xe-137

Radionuclide Production Cross Section



Incident Energy (MeV)

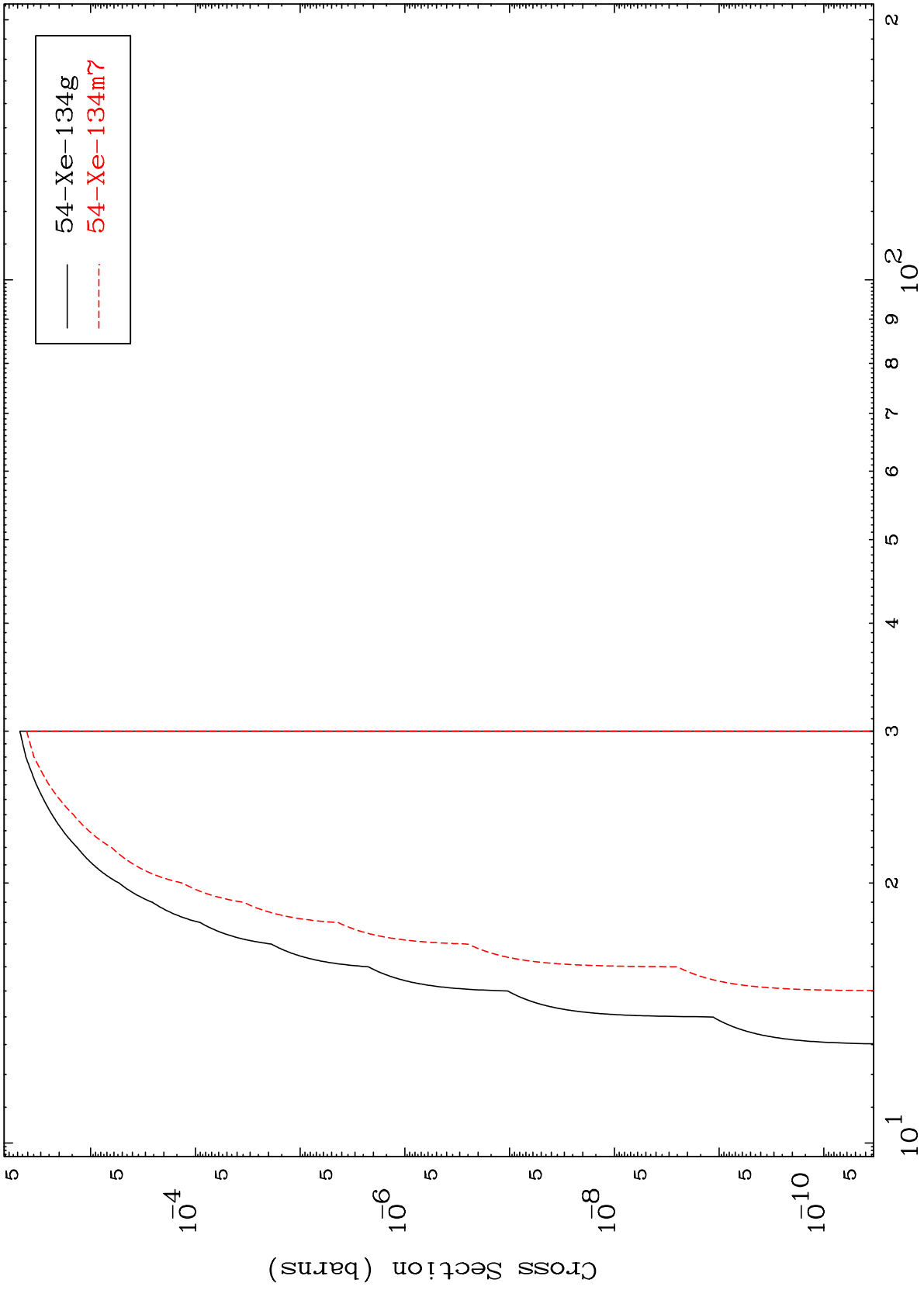
54-Xe-137

MAT 5464

(p,n') t

54-Xe-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

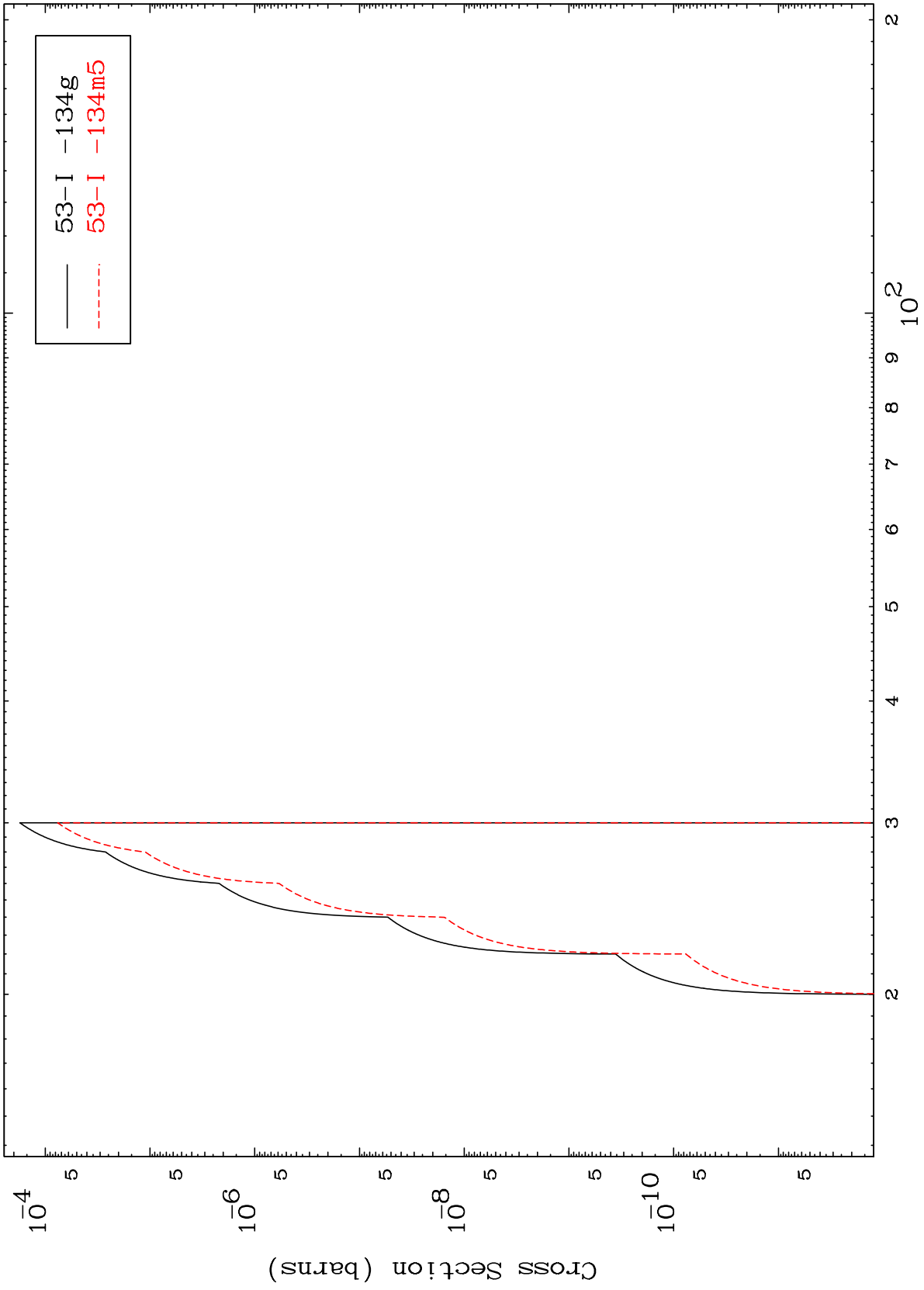
54-Xe-137

MAT 5464

(p,n') He-3

54-Xe-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

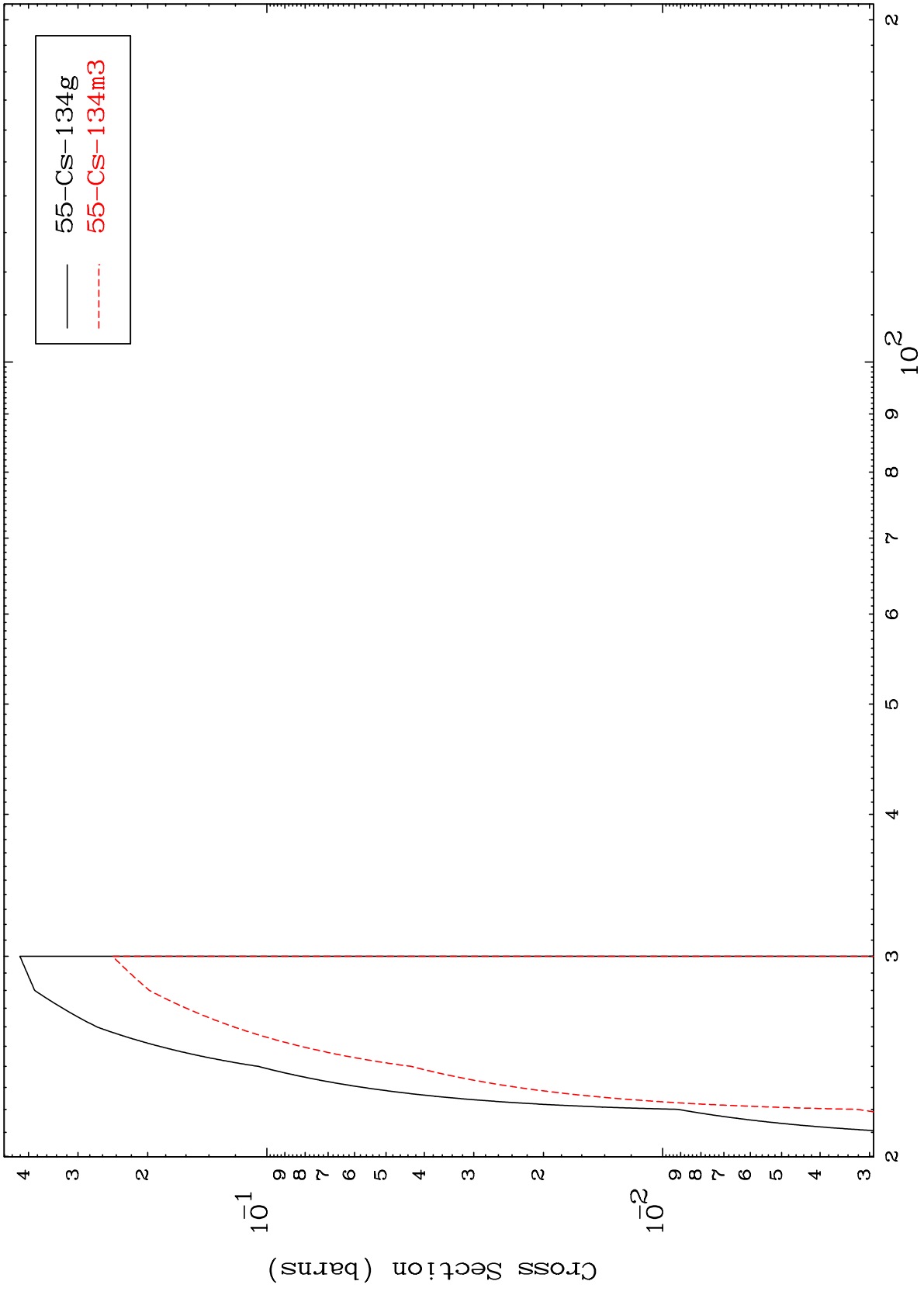
54-Xe-137

MAT 5464

(p,4n)

54-Xe-137

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

20

Incident Energy (MeV)

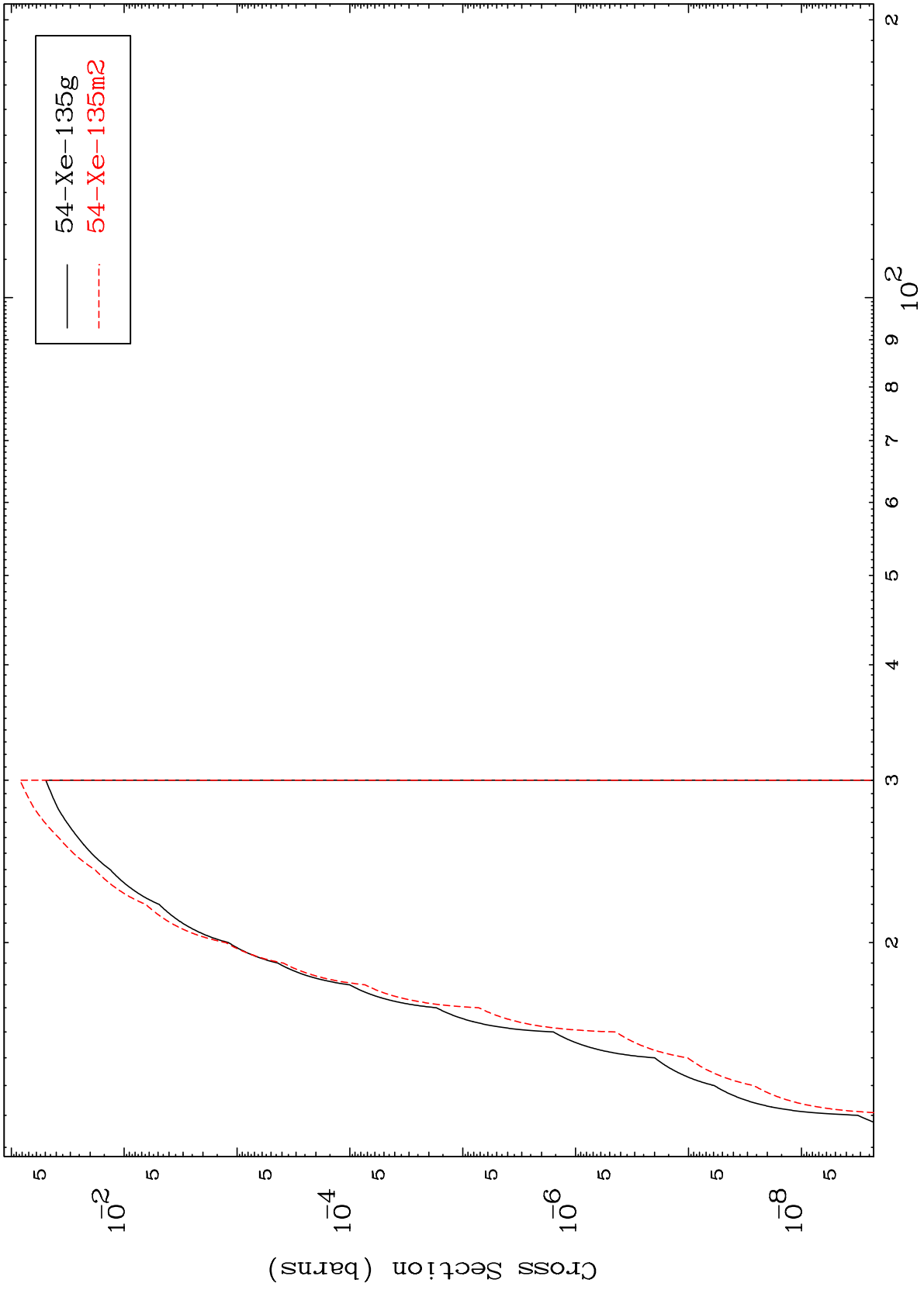
54-Xe-137

MAT 5464

(p,2n) p

54-Xe-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

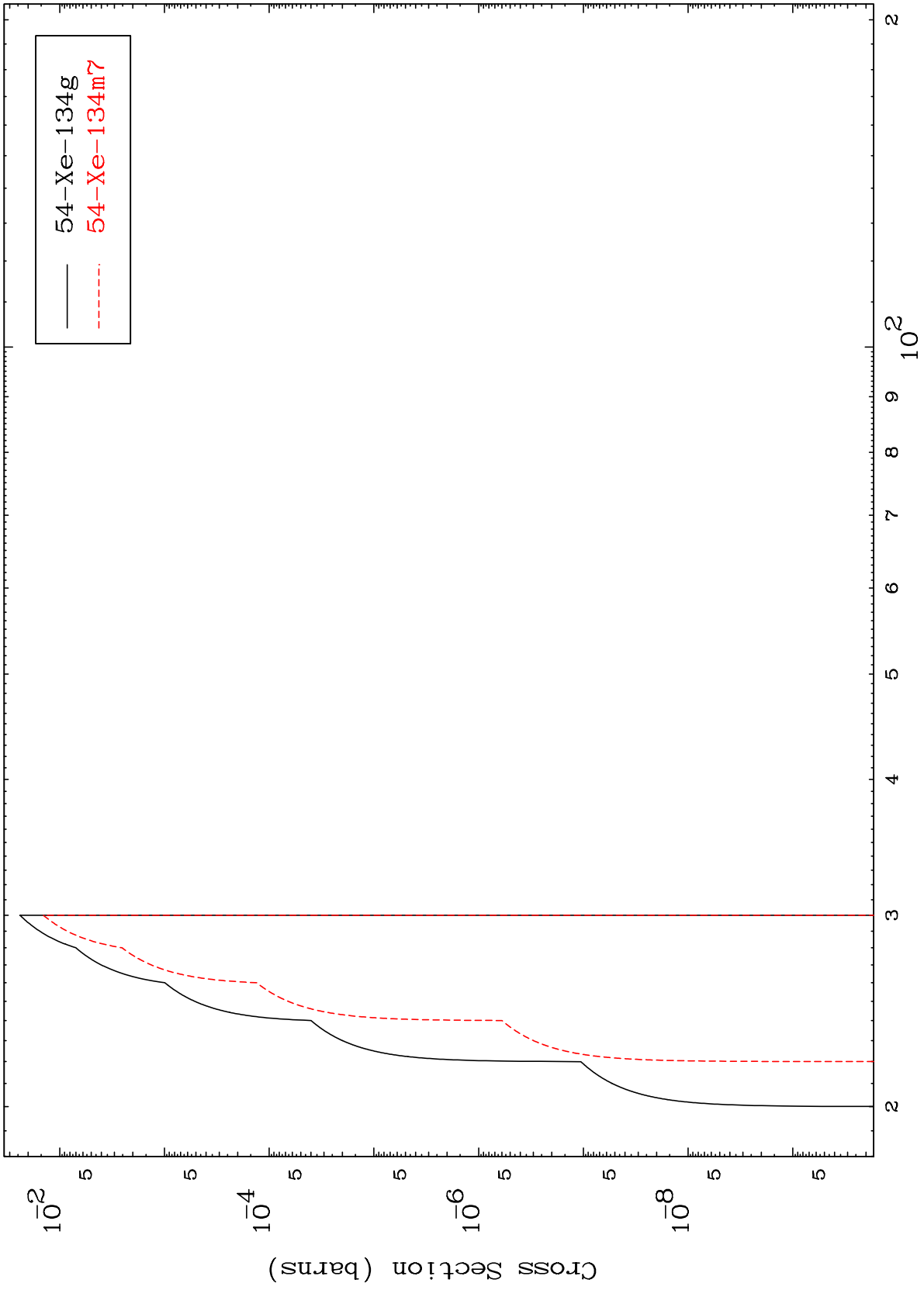
54-Xe-137

MAT 5464

(p,3n) p

54-Xe-137

Radionuclide Production Cross Section



22

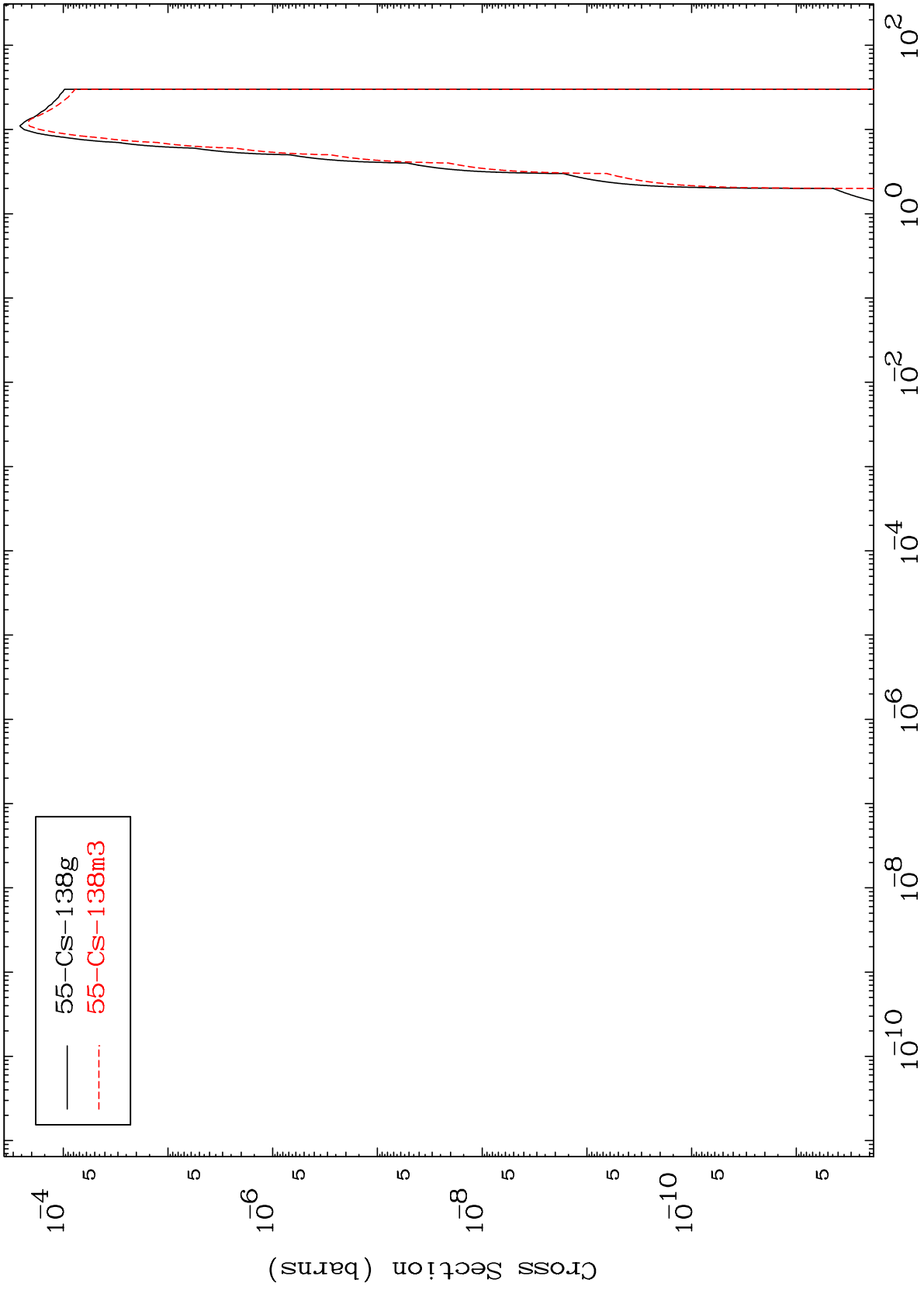
Incident Energy (MeV)

54-Xe-137

MAT 5464

Radionuclide Production Cross Section
(p,γ)

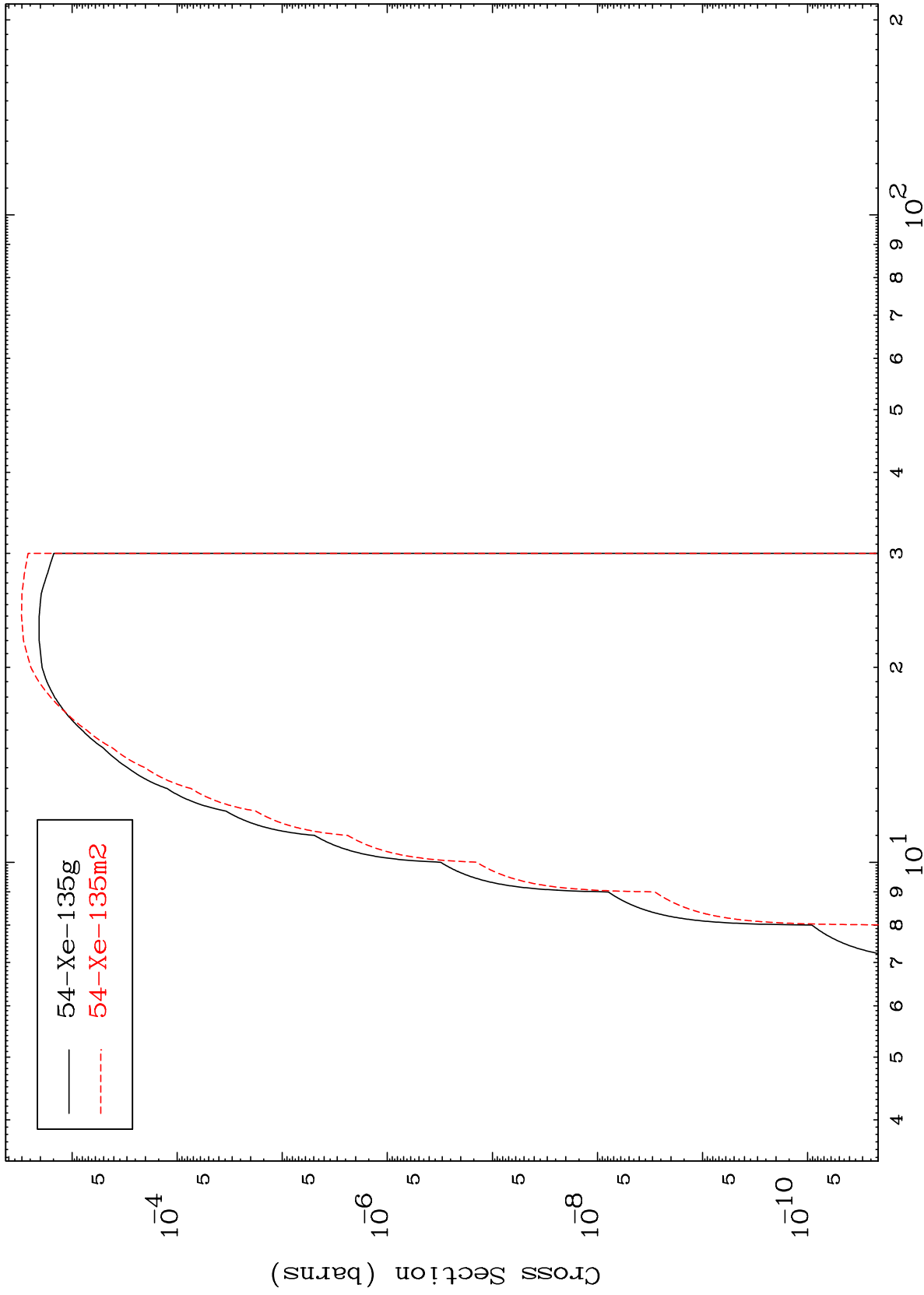
54-Xe-137



MAT 5464

54-Xe-137

Radionuclide Production Cross Section (p, t)



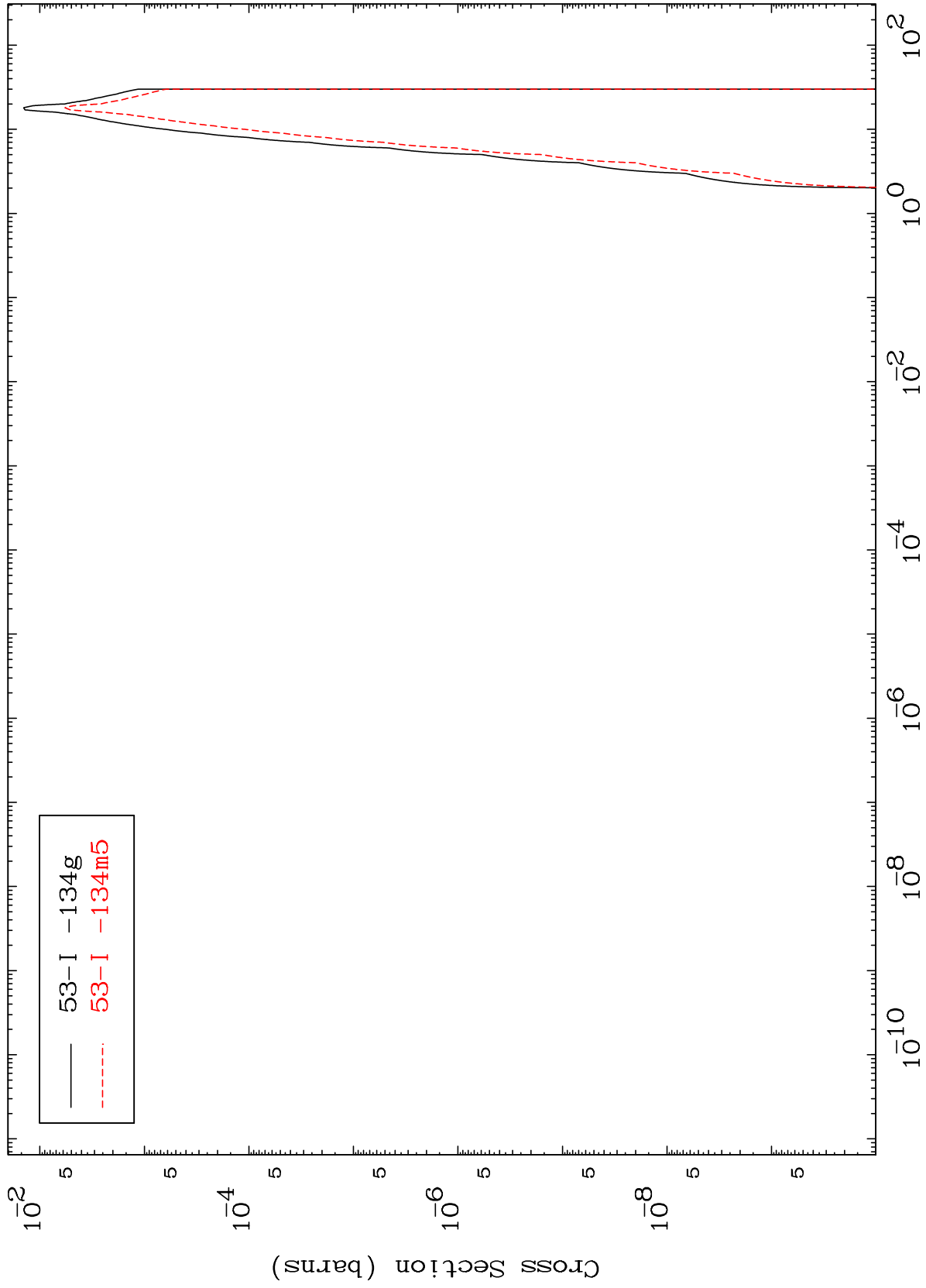
24

54-Xe-137

MAT 5464

Radionuclide Production Cross Section
(p, α)

⁵⁴Xe-137



25

Incident Energy (MeV)

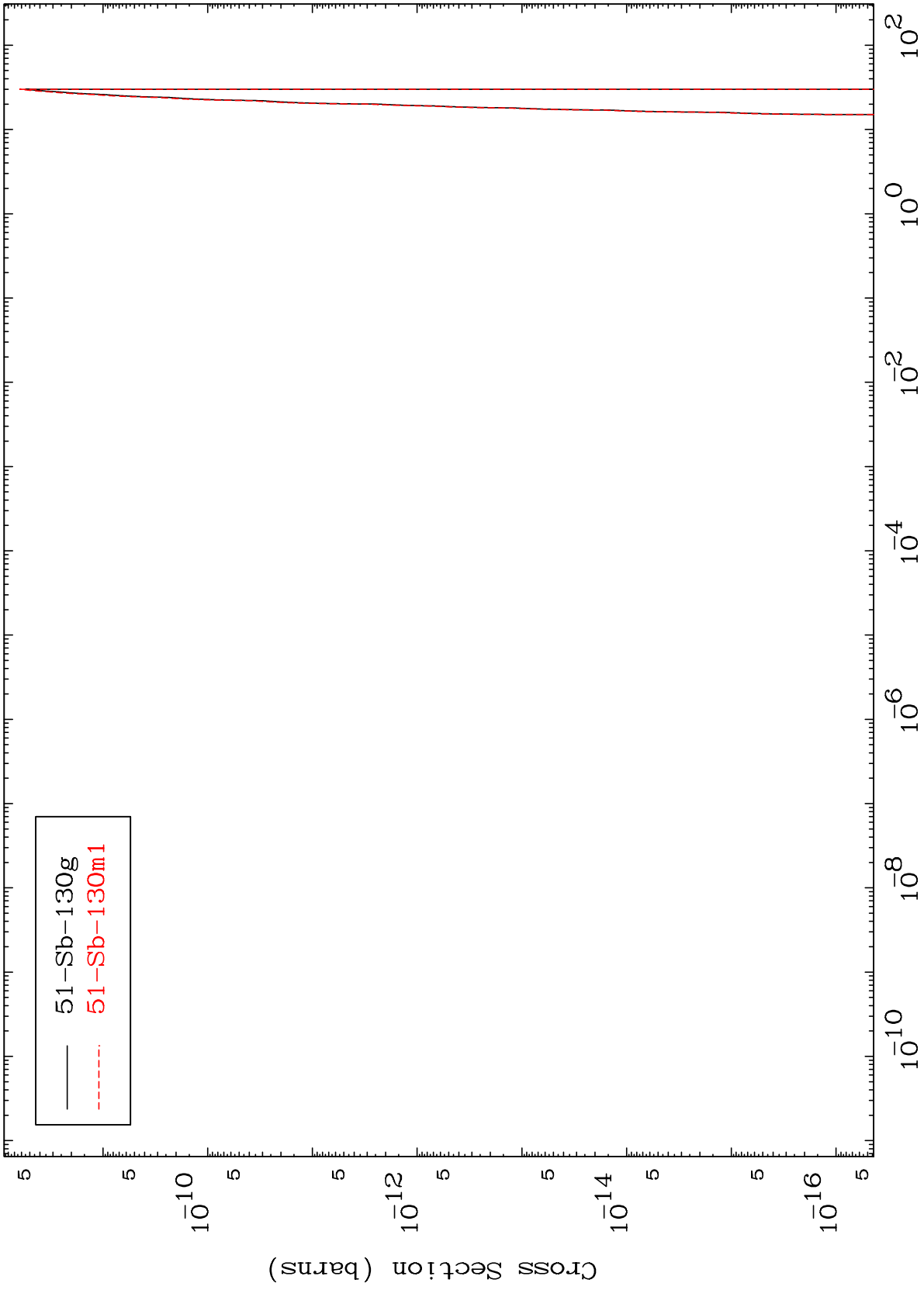
⁵⁴Xe-137

MAT 5464

(p,2 α)

54-Xe-137

Radionuclide Production Cross Section

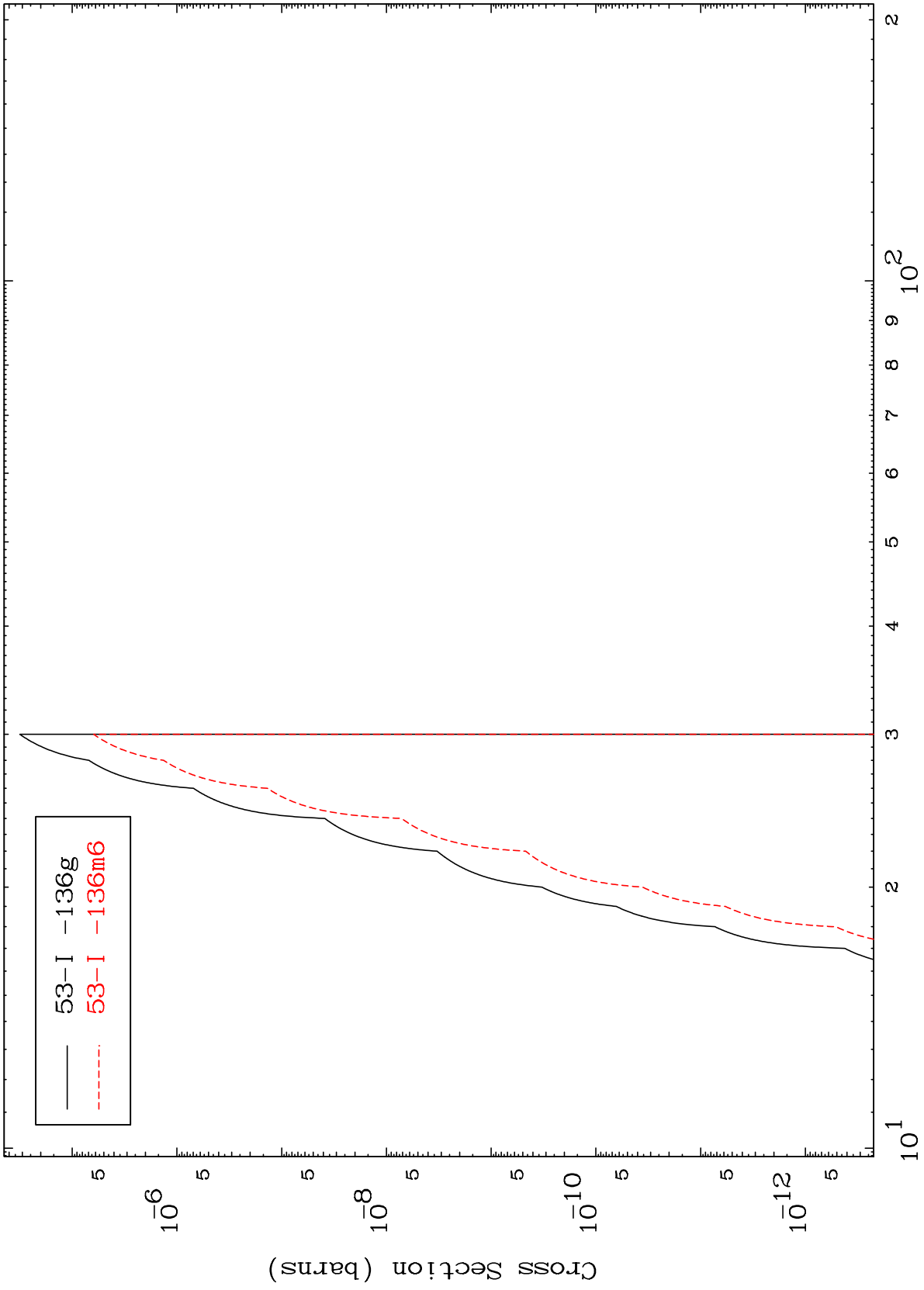


MAT 5464

(p,2p)

54-Xe-137

Radionuclide Production Cross Section



53-I-136g
53-I-136m6

27

Incident Energy (MeV)

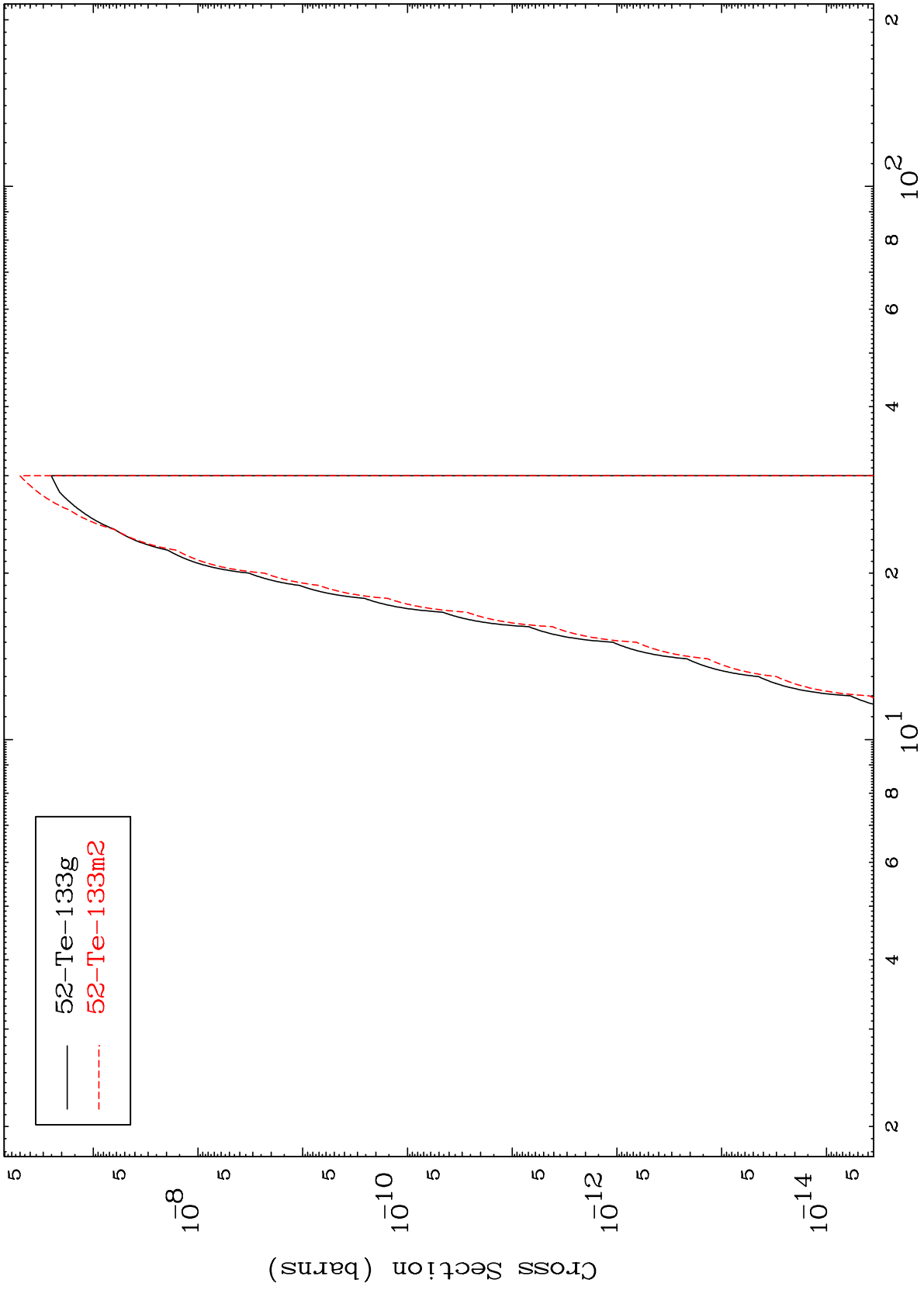
54-Xe-137

MAT 5464

(p,p) α

54-Xe-137

Radionuclide Production Cross Section



52-Te-133g
52-Te-133m2

28

Incident Energy (MeV)

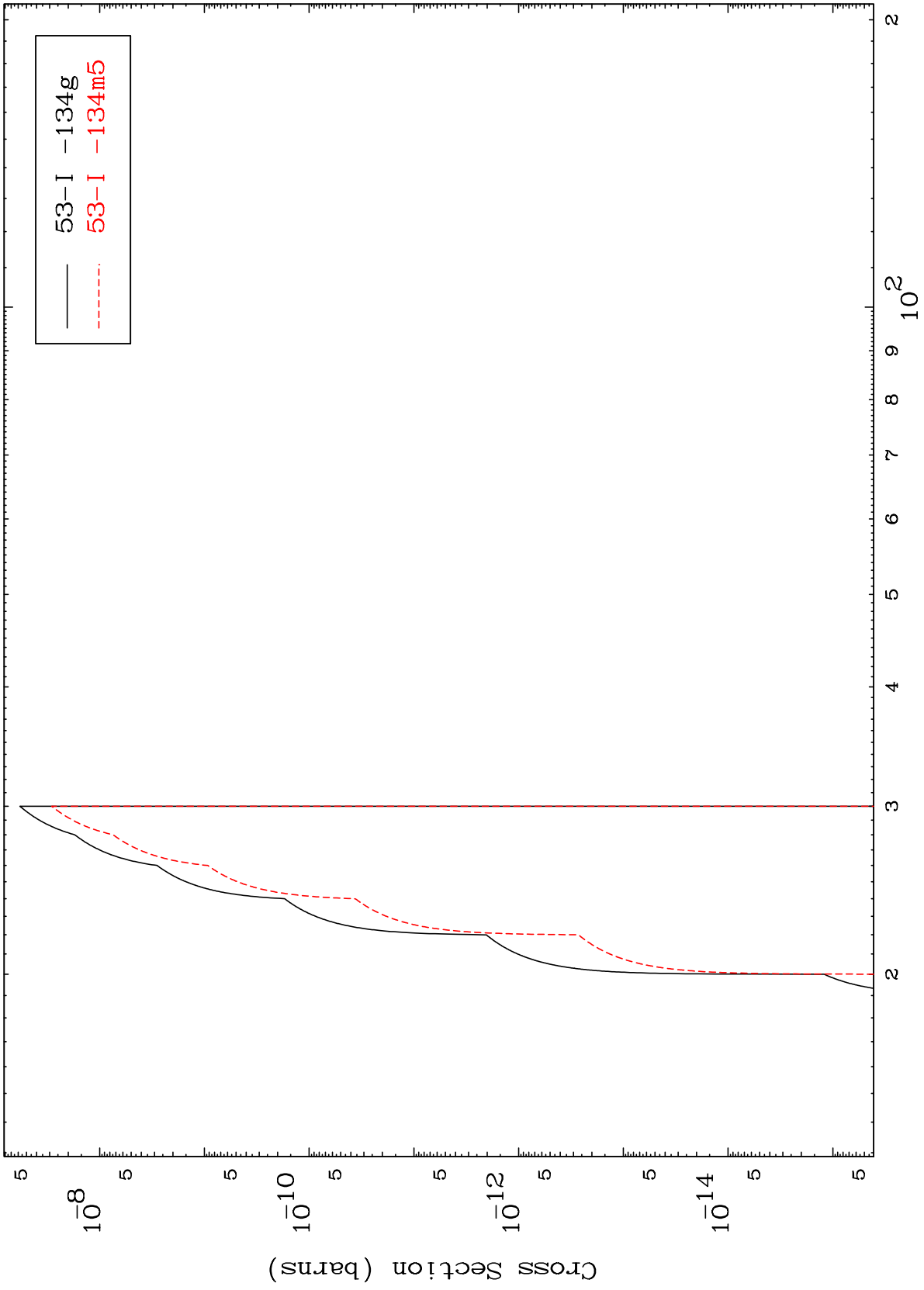
54-Xe-137

MAT 5464

(p,p) t

54-Xe-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

54-Xe-137