

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

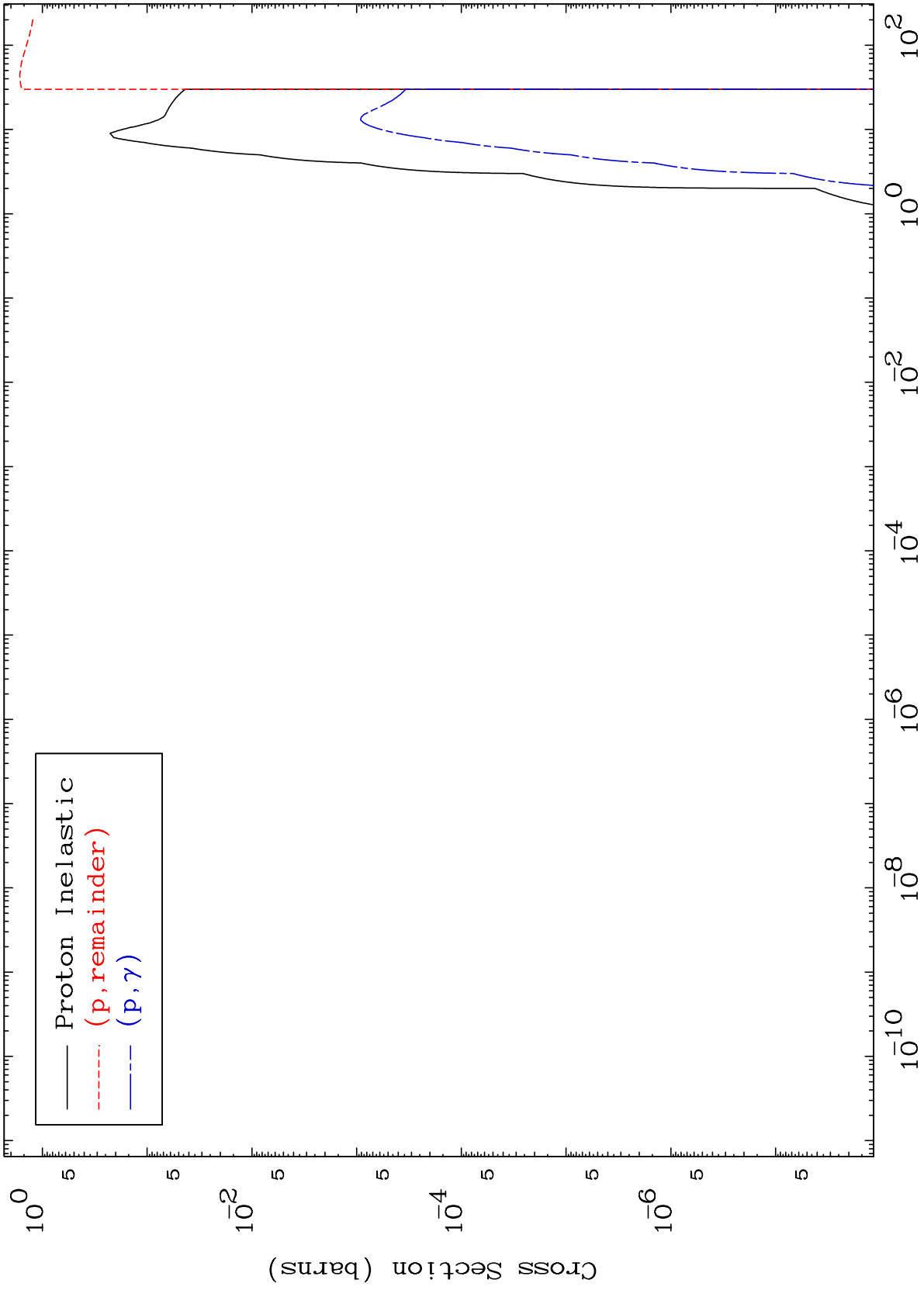
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5534

Proton Major
0 Kelvin Cross Sections

55-Cs-136

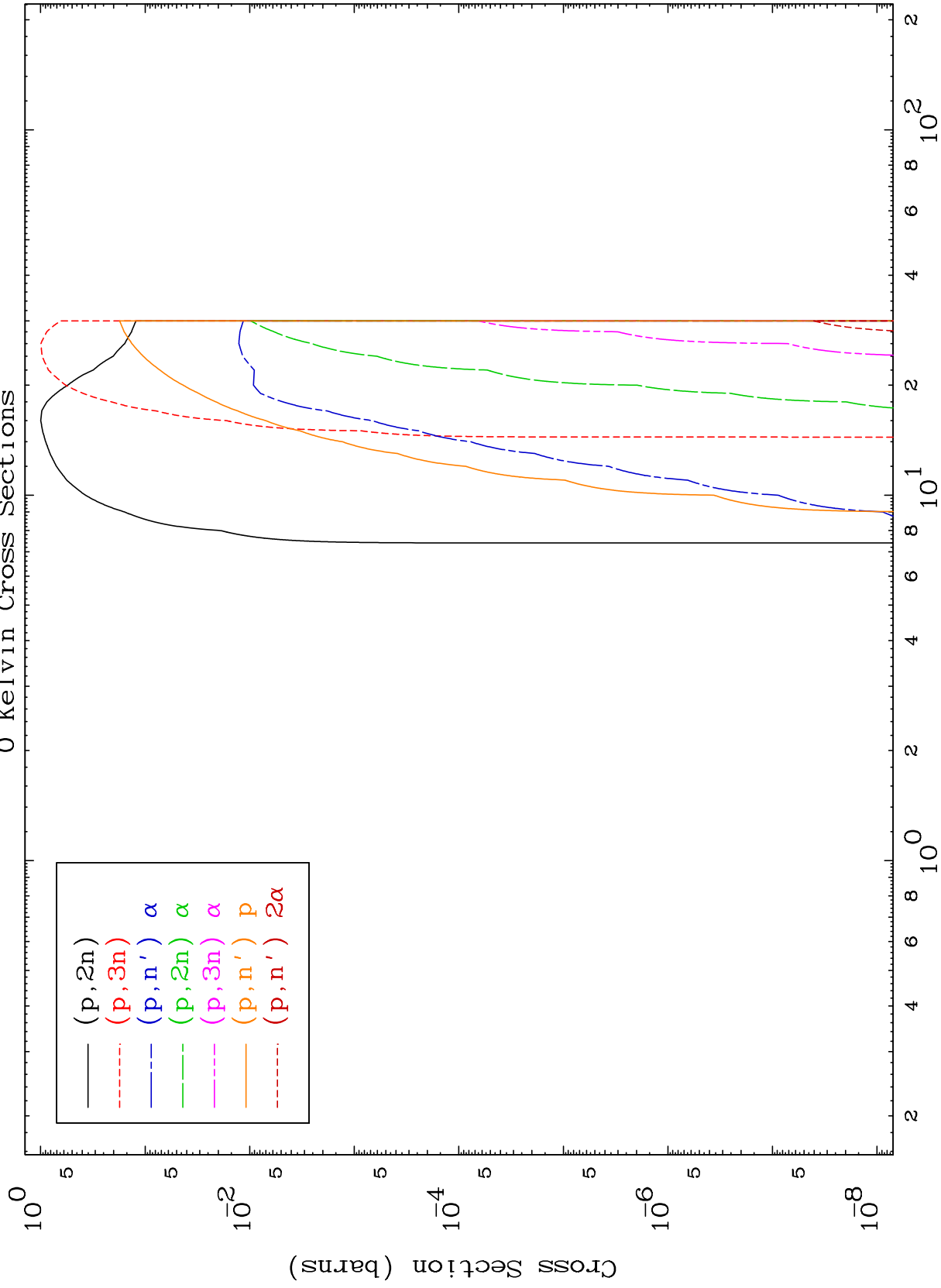


55-Cs-136

MAT 5534

Proton Neutron Production
0 Kelvin Cross Sections

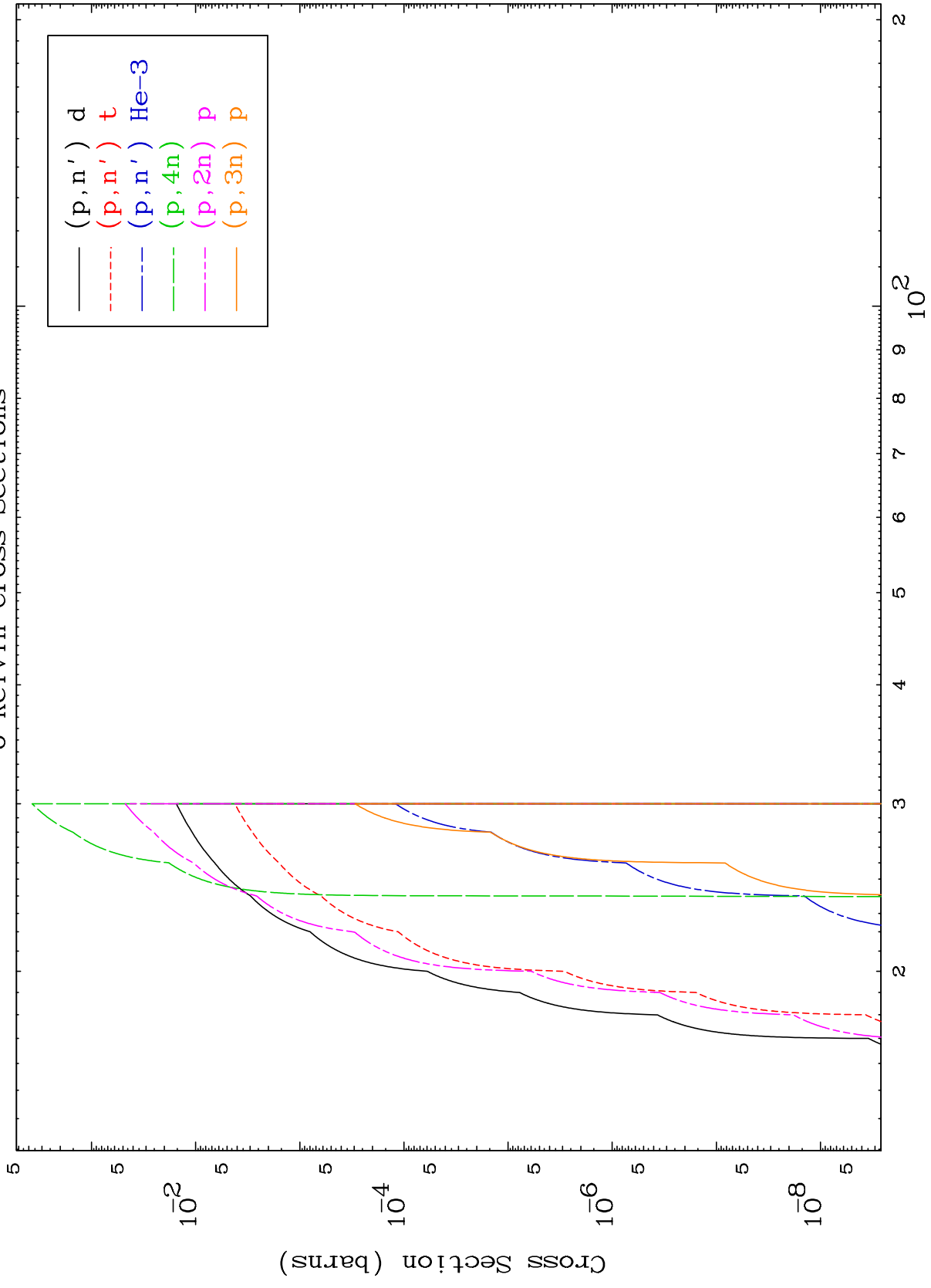
55-Cs-136



2

Incident Energy (MeV)

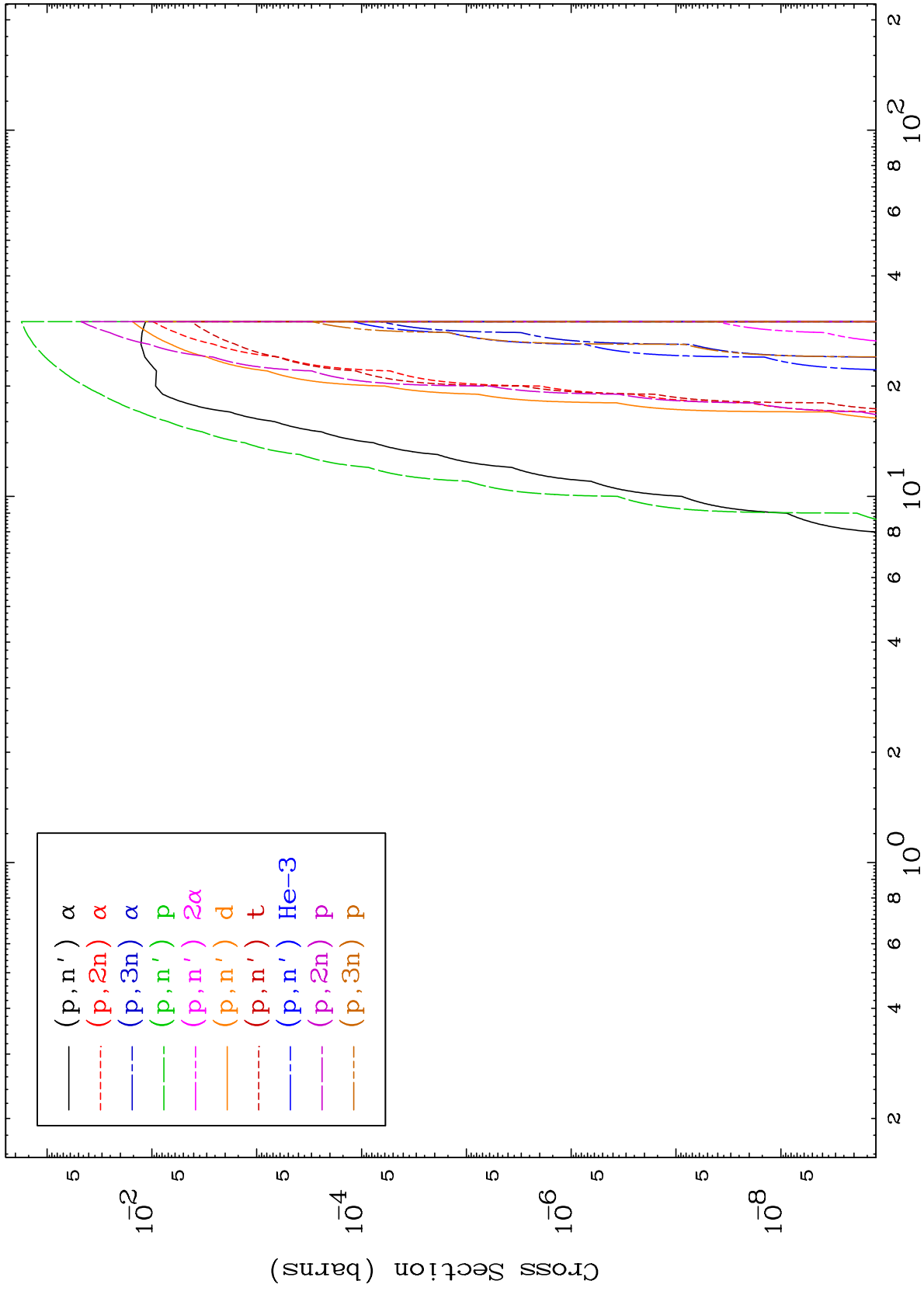
55-Cs-136



MAT 5534

Proton Charged Particle
0 Kelvin Cross Sections

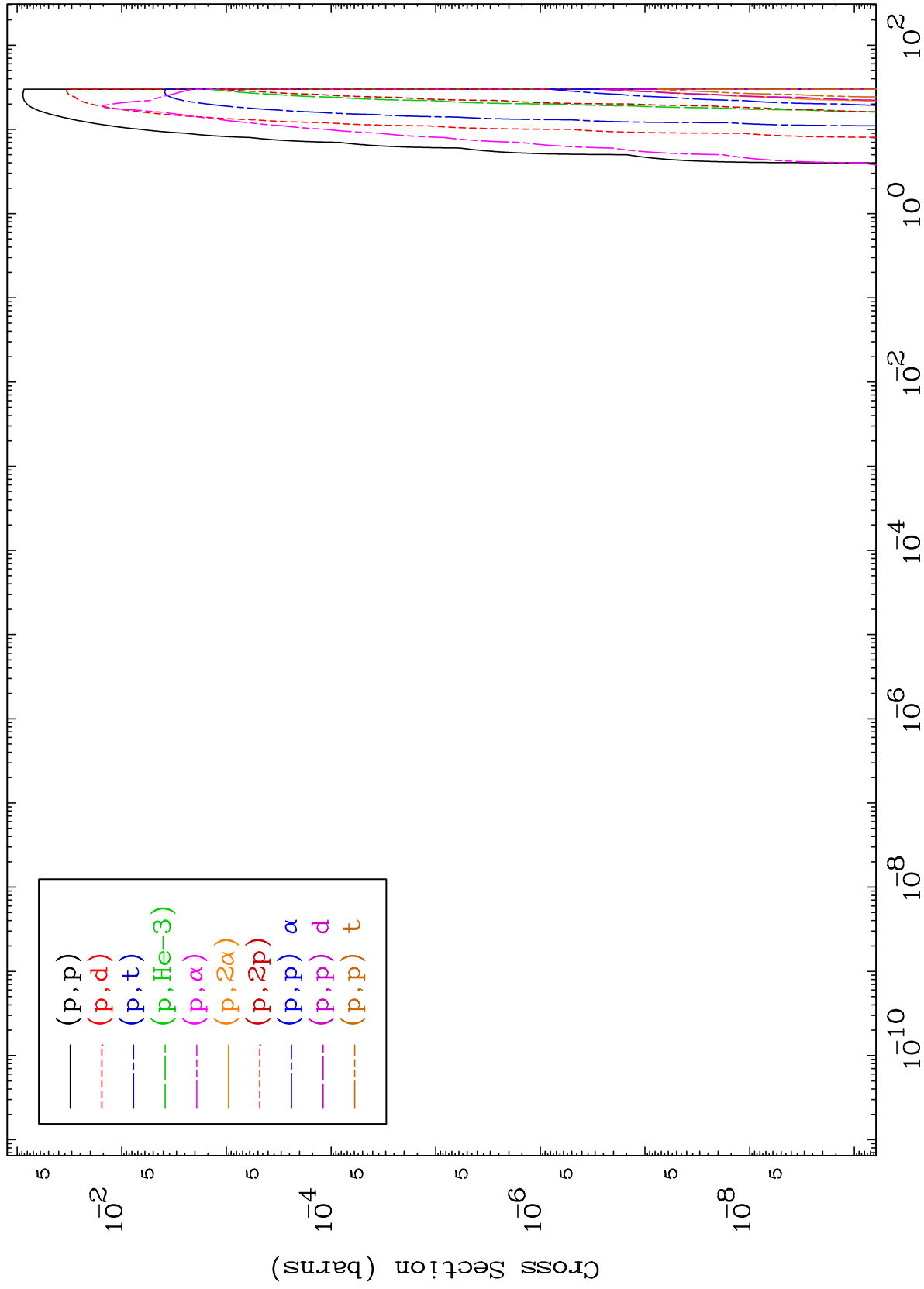
55-Cs-136



MAT 5534

Proton Charged Particle
0 Kelvin Cross Sections

55-Cs-136



5

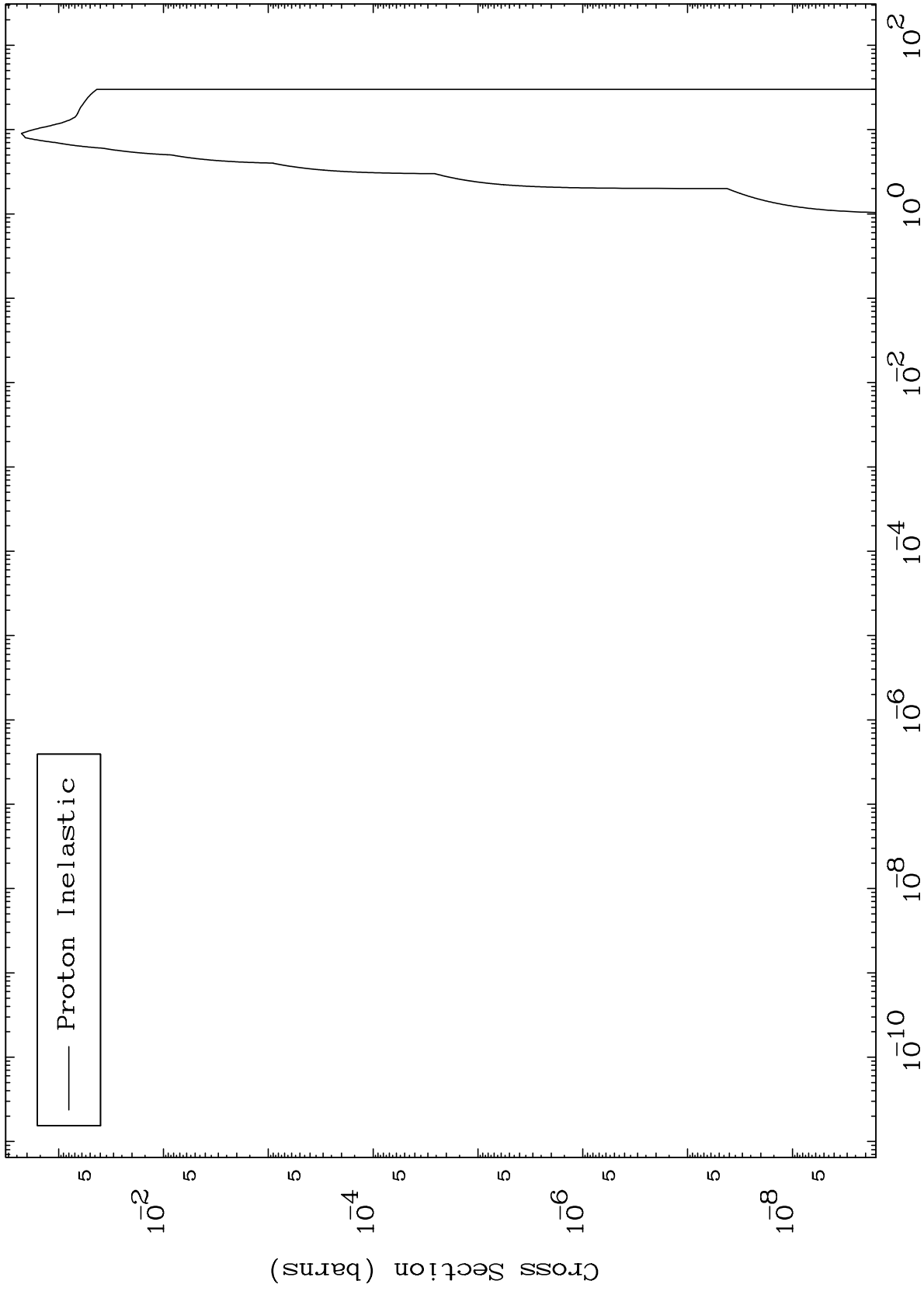
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,n') Level
0 Kelvin Cross Sections

55-Cs-136



6

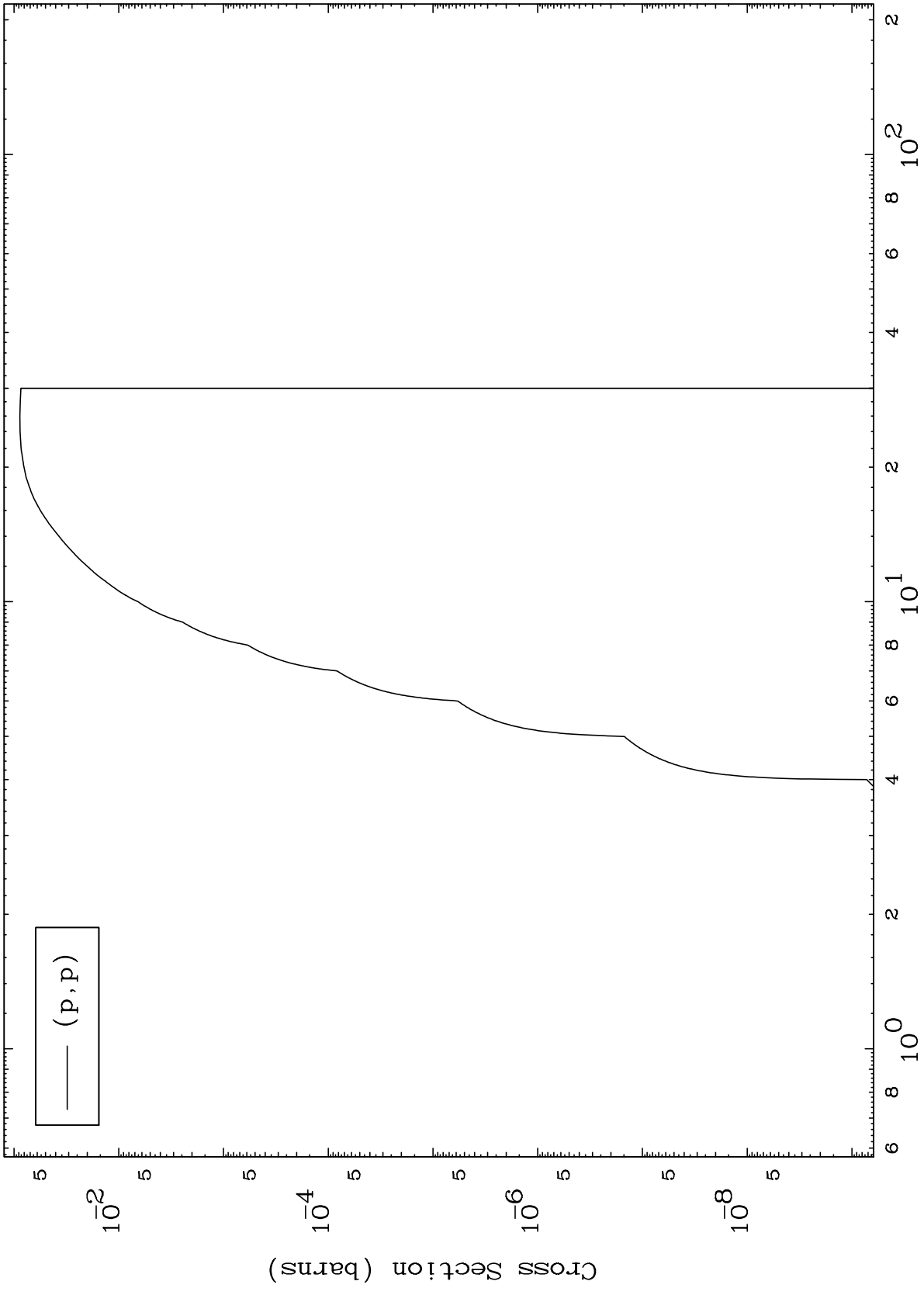
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,p) Levels
0 Kelvin Cross Sections

55-Cs-136



7

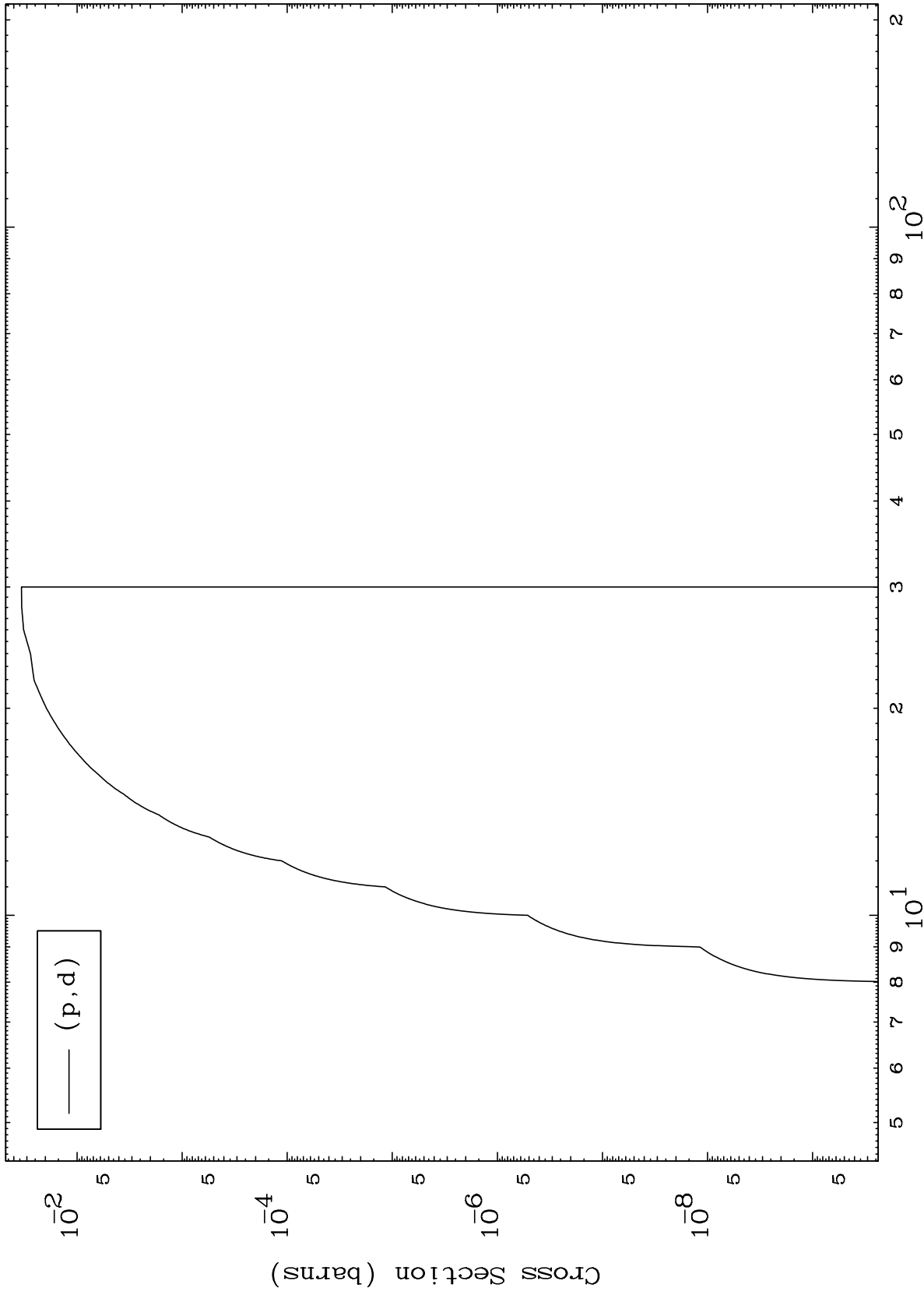
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,d) Levels
0 Kelvin Cross Sections

55-Cs-136



8

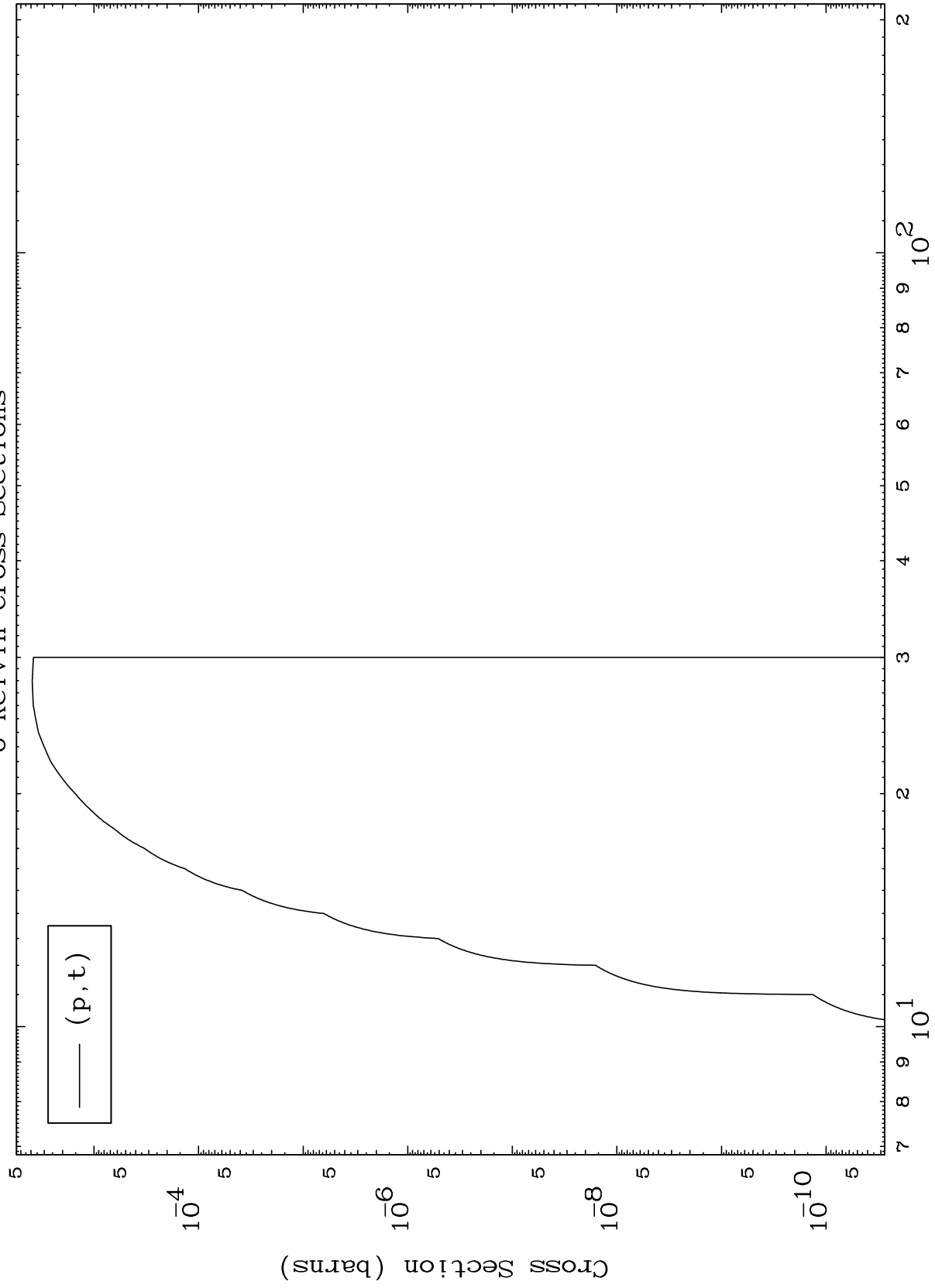
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,t) Levels
0 Kelvin Cross Sections

55-Cs-136



9

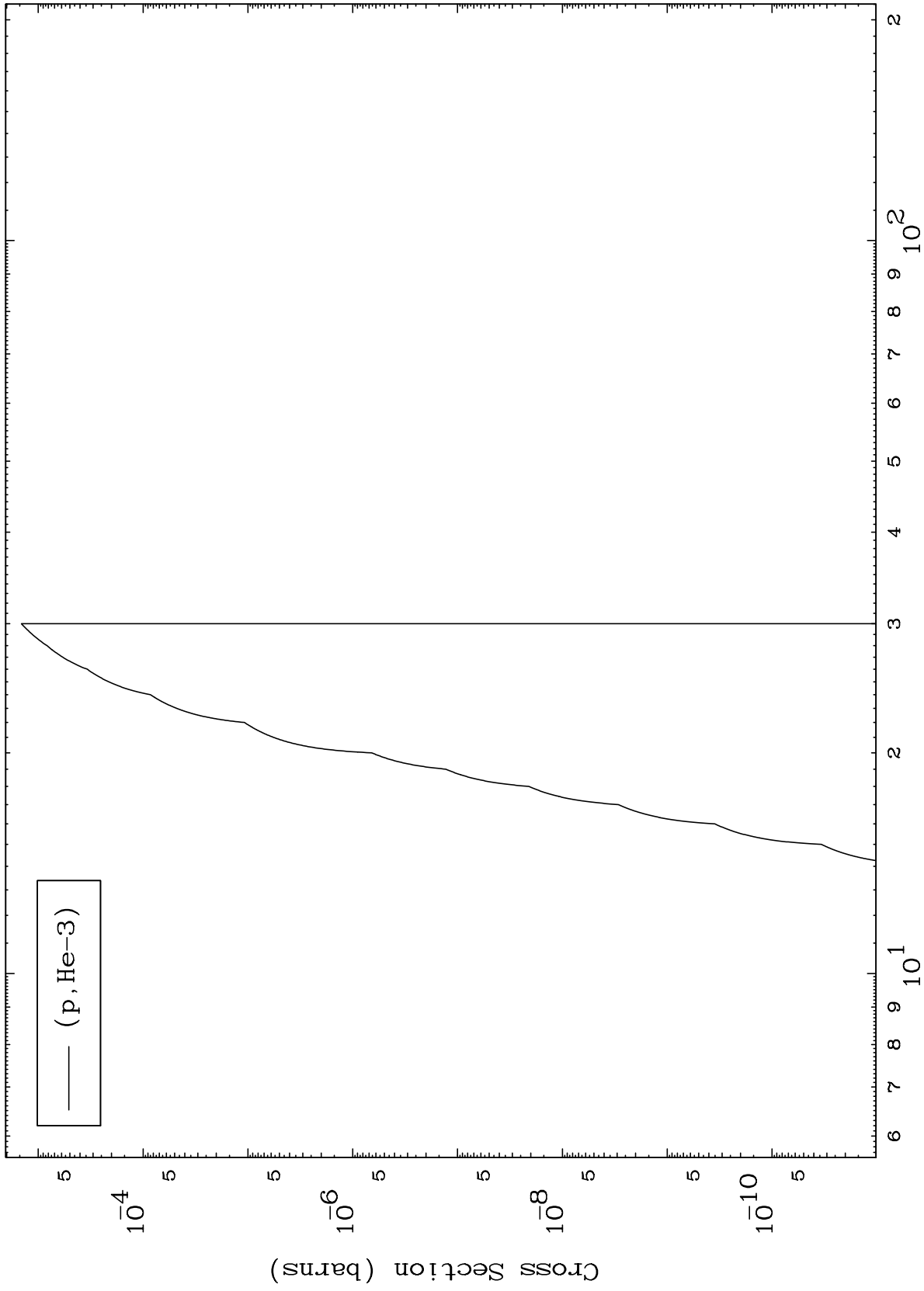
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,He3) Levels
0 Kelvin Cross Sections

55-Cs-136



10

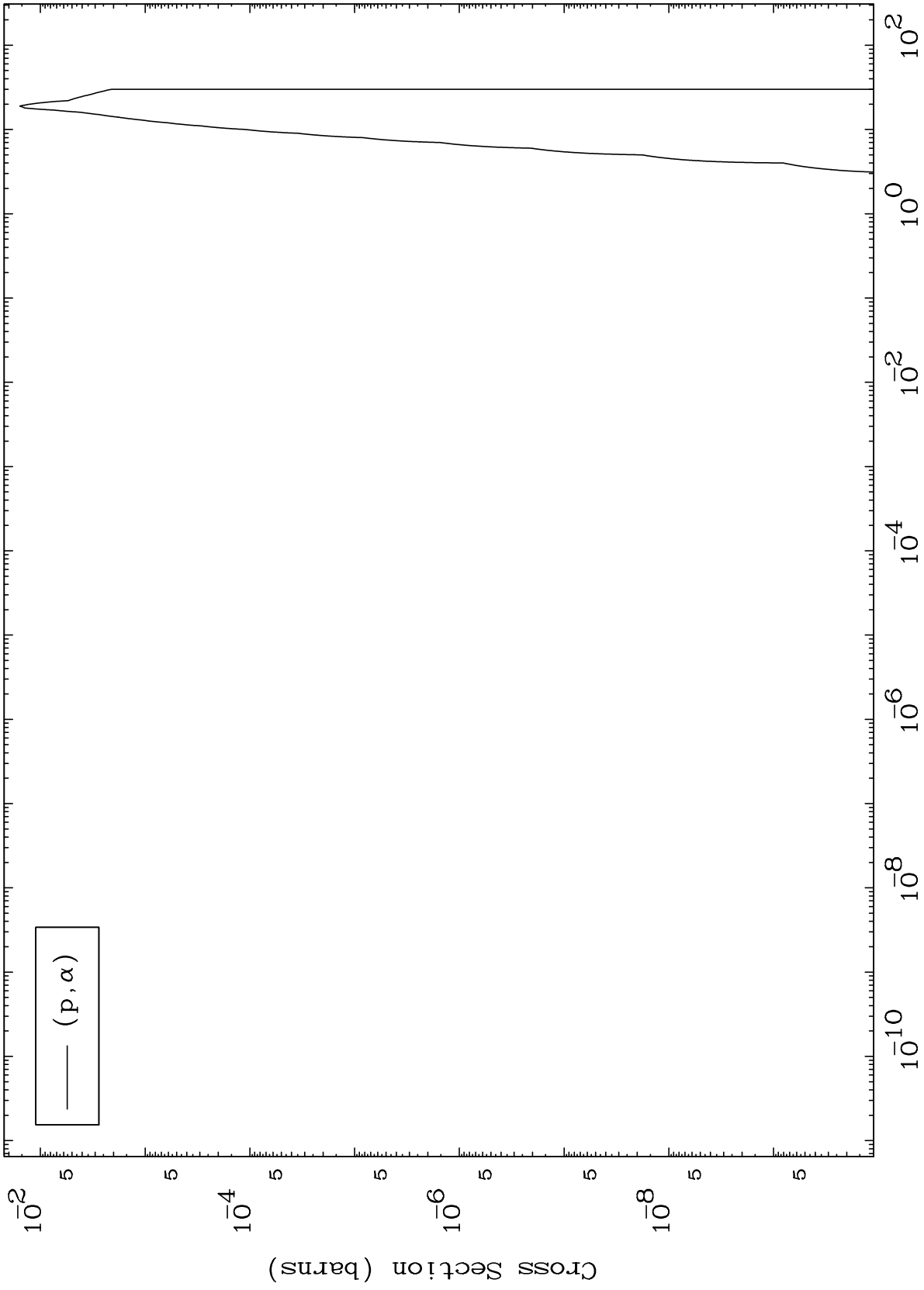
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,α) Levels
0 Kelvin Cross Sections

55-Cs-136



11

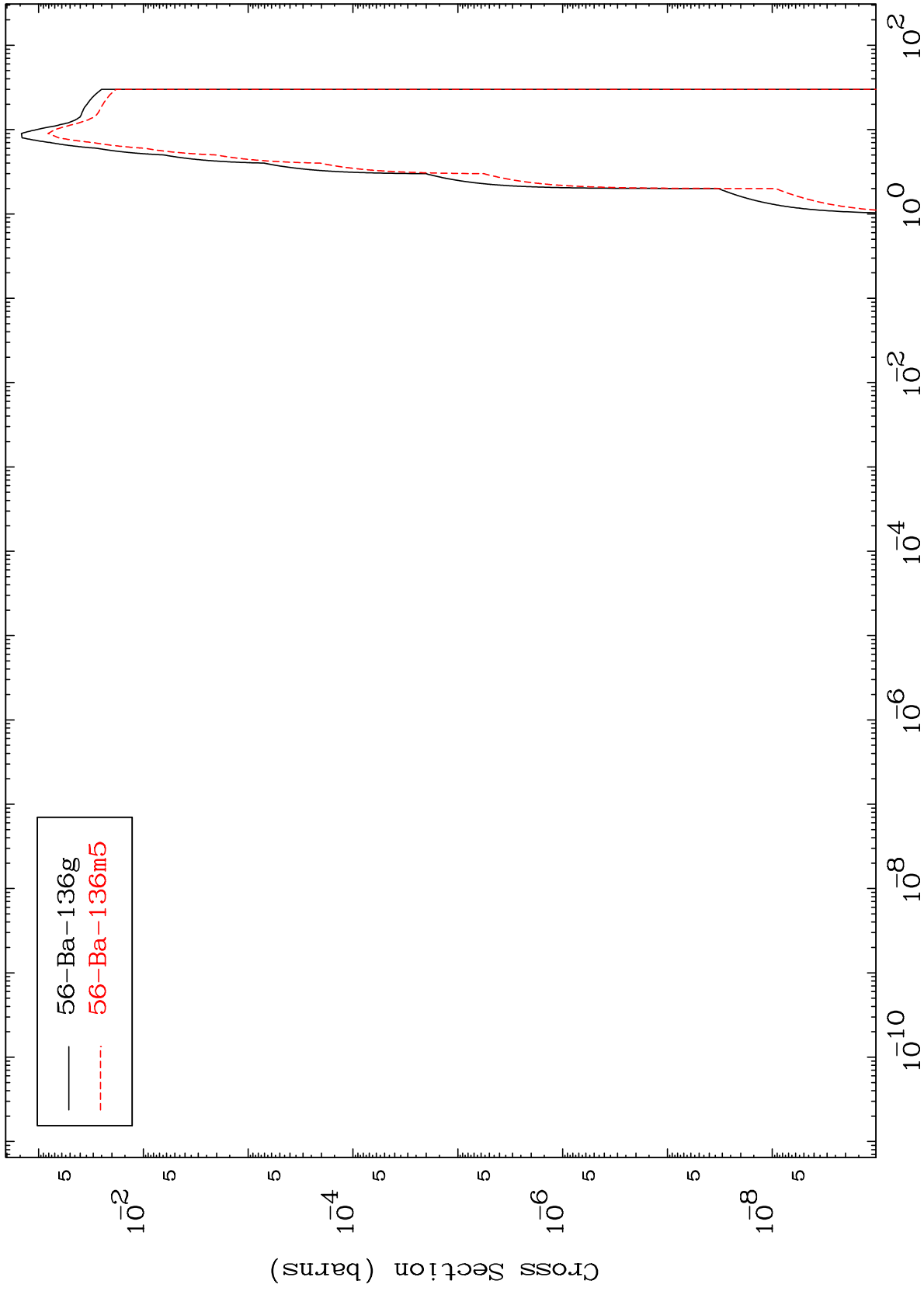
Incident Energy (MeV)

55-Cs-136

MAT 5534

Proton Inelastic
Radionuclide Production Cross Section

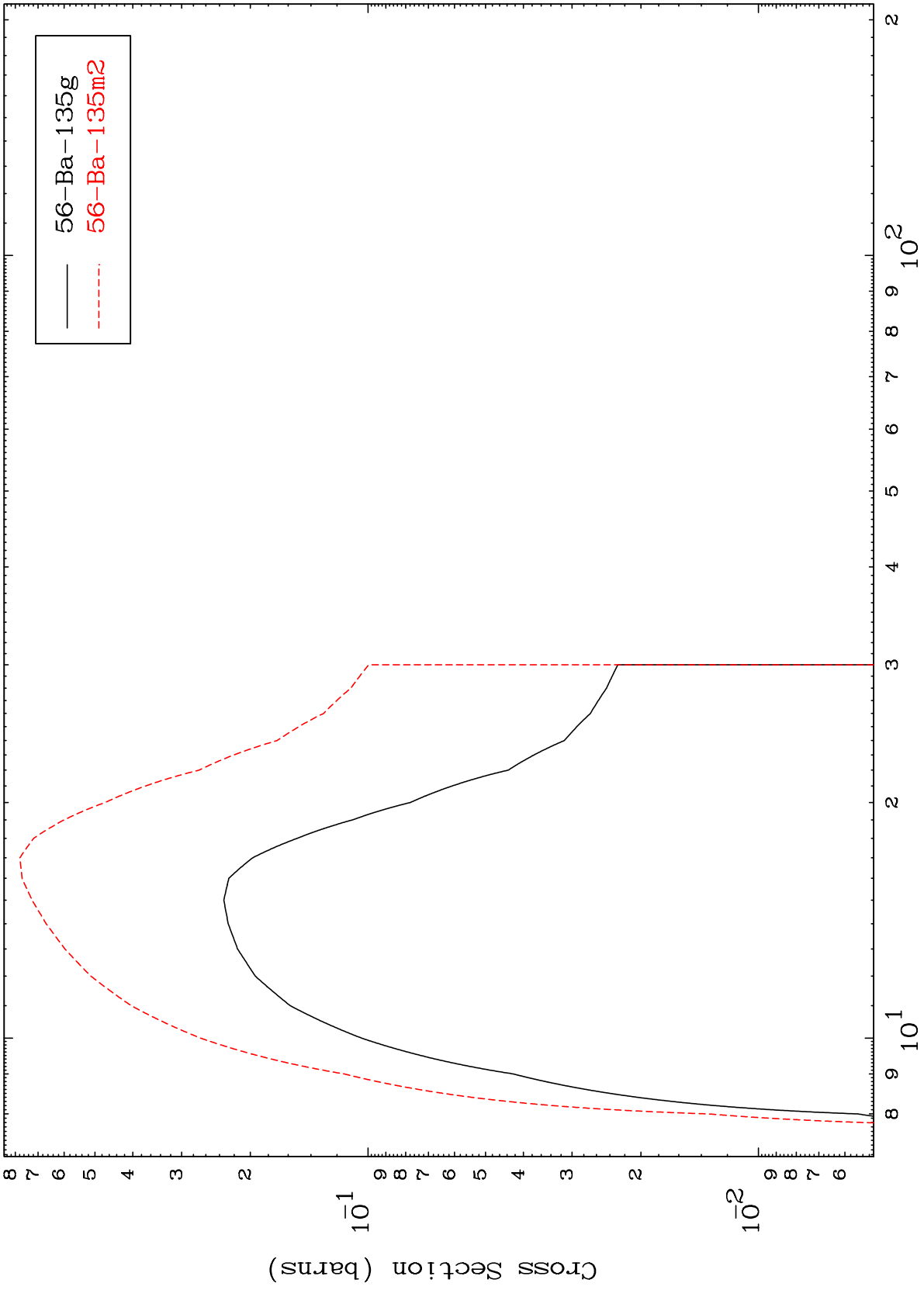
55-Cs-136



MAT 5534

55-Cs-136

(p,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

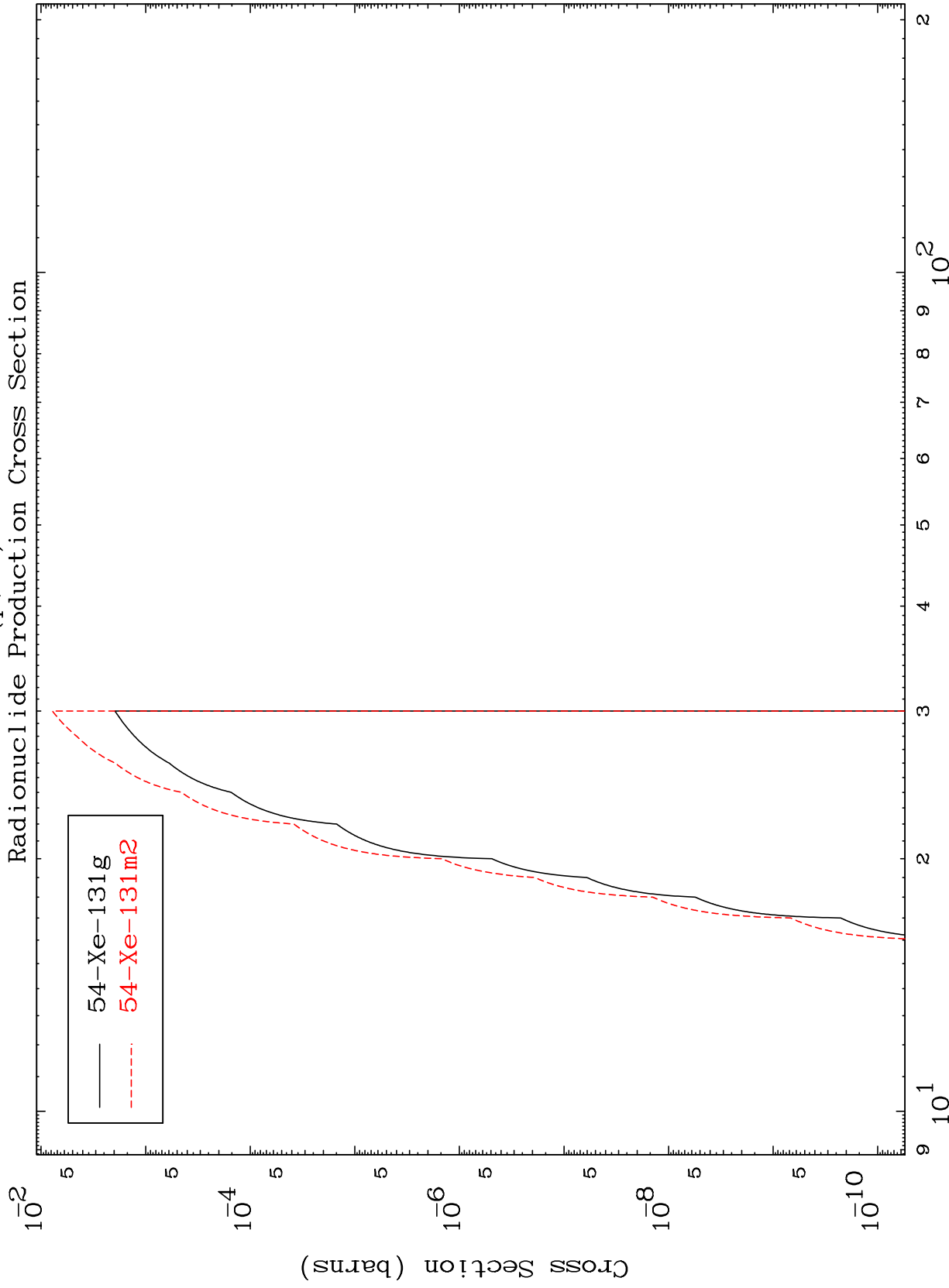
55-Cs-136

MAT 5534

(p,2n) α

55-Cs-136

Radionuclide Production Cross Section



54-Xe-131 g
54-Xe-131 m2

14

Incident Energy (MeV)

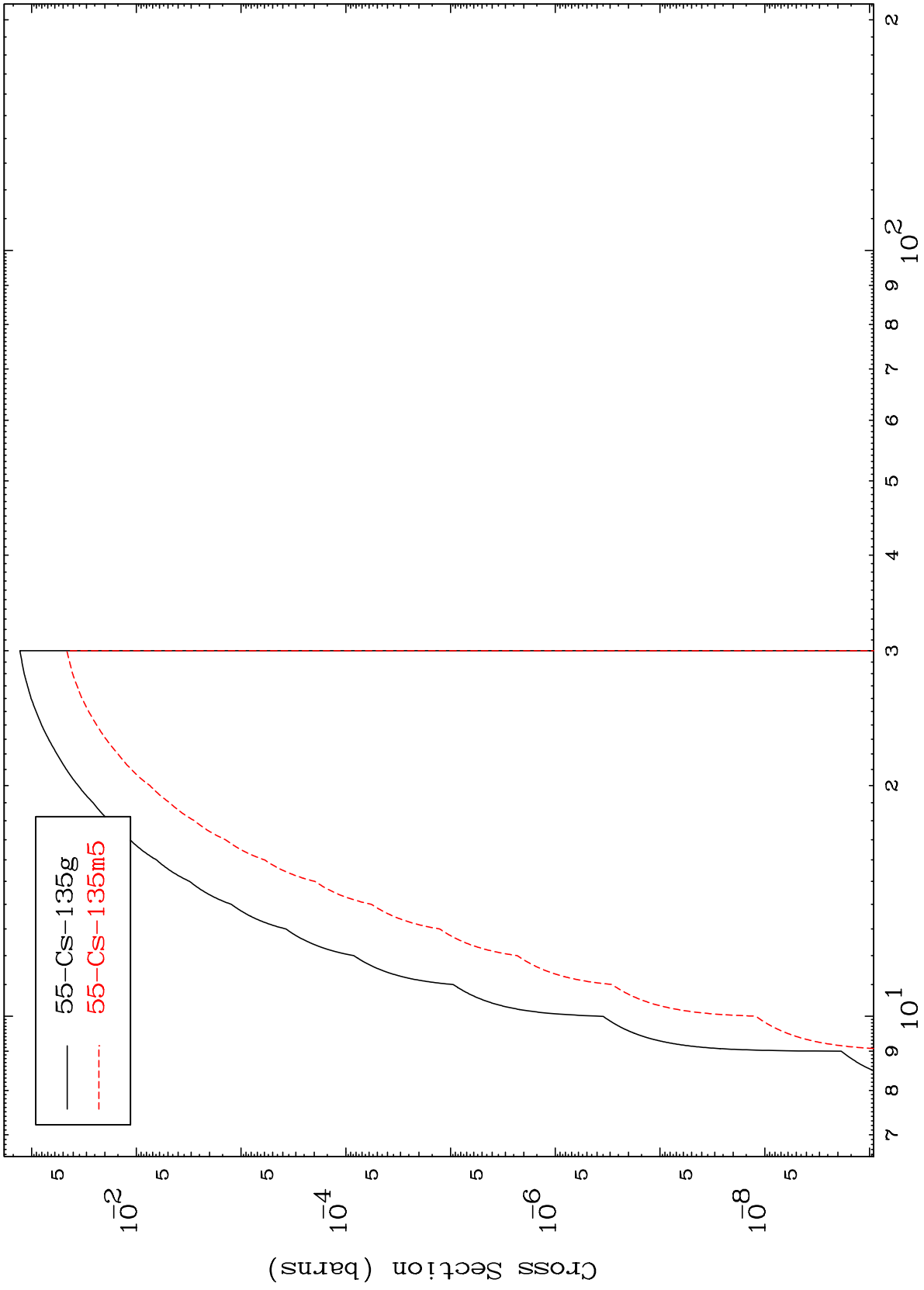
55-Cs-136

MAT 5534

(p,n') p

55-Cs-136

Radionuclide Production Cross Section



15

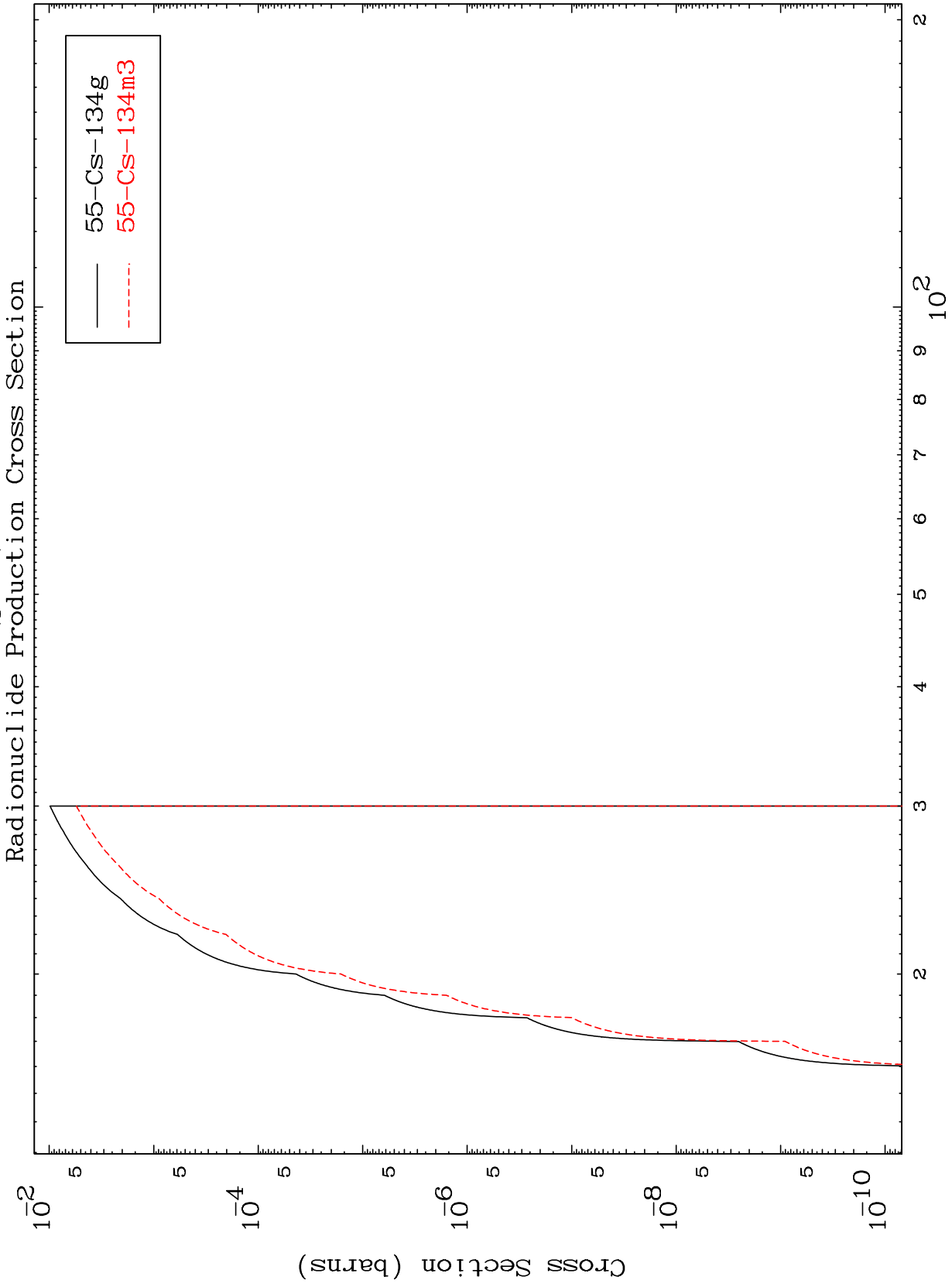
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,n') d

55-Cs-136



16

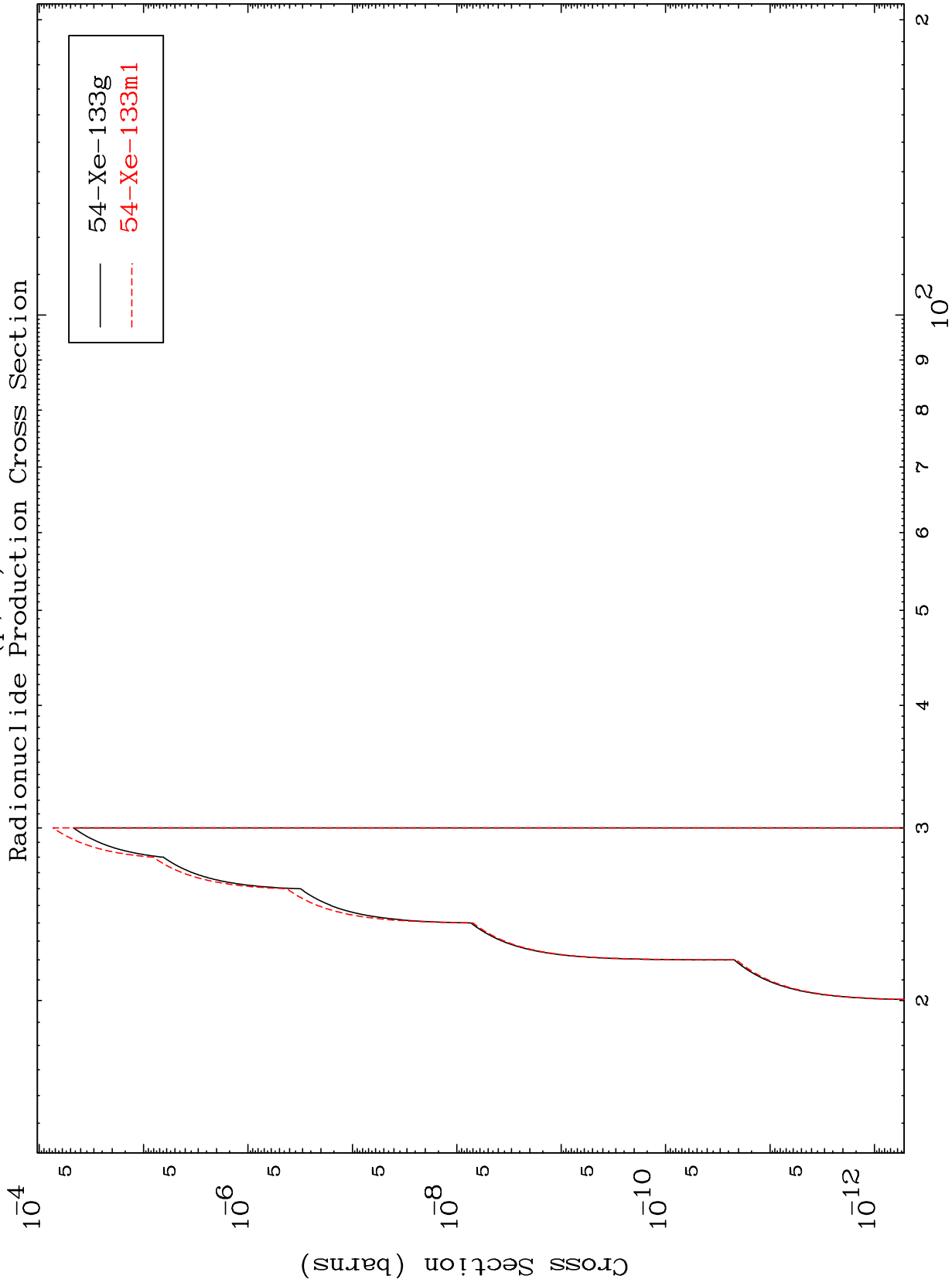
Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,n') He-3

55-Cs-136



17

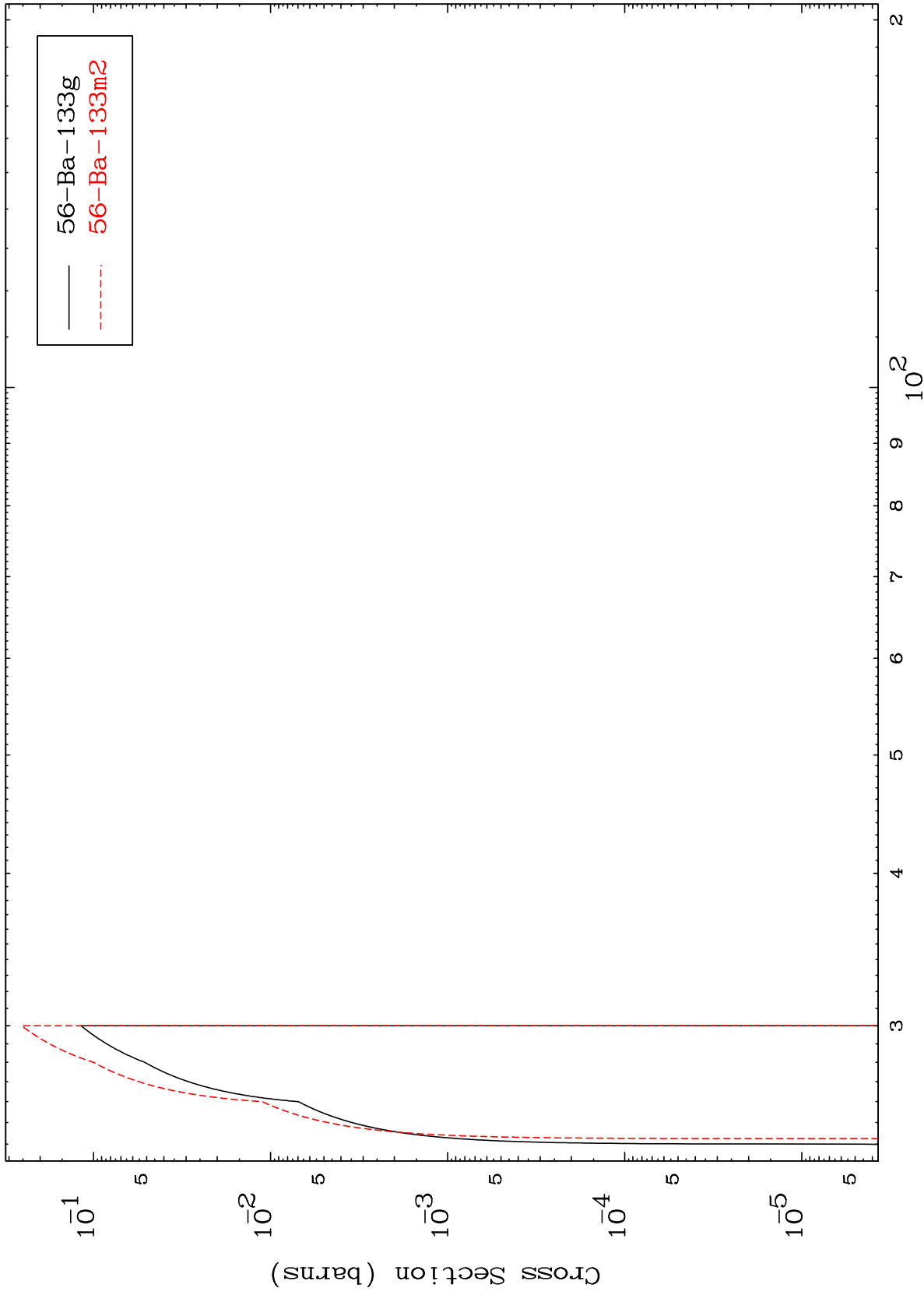
55-Cs-136

55-Cs-136

MAT 5534

55-Cs-136

(p,4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

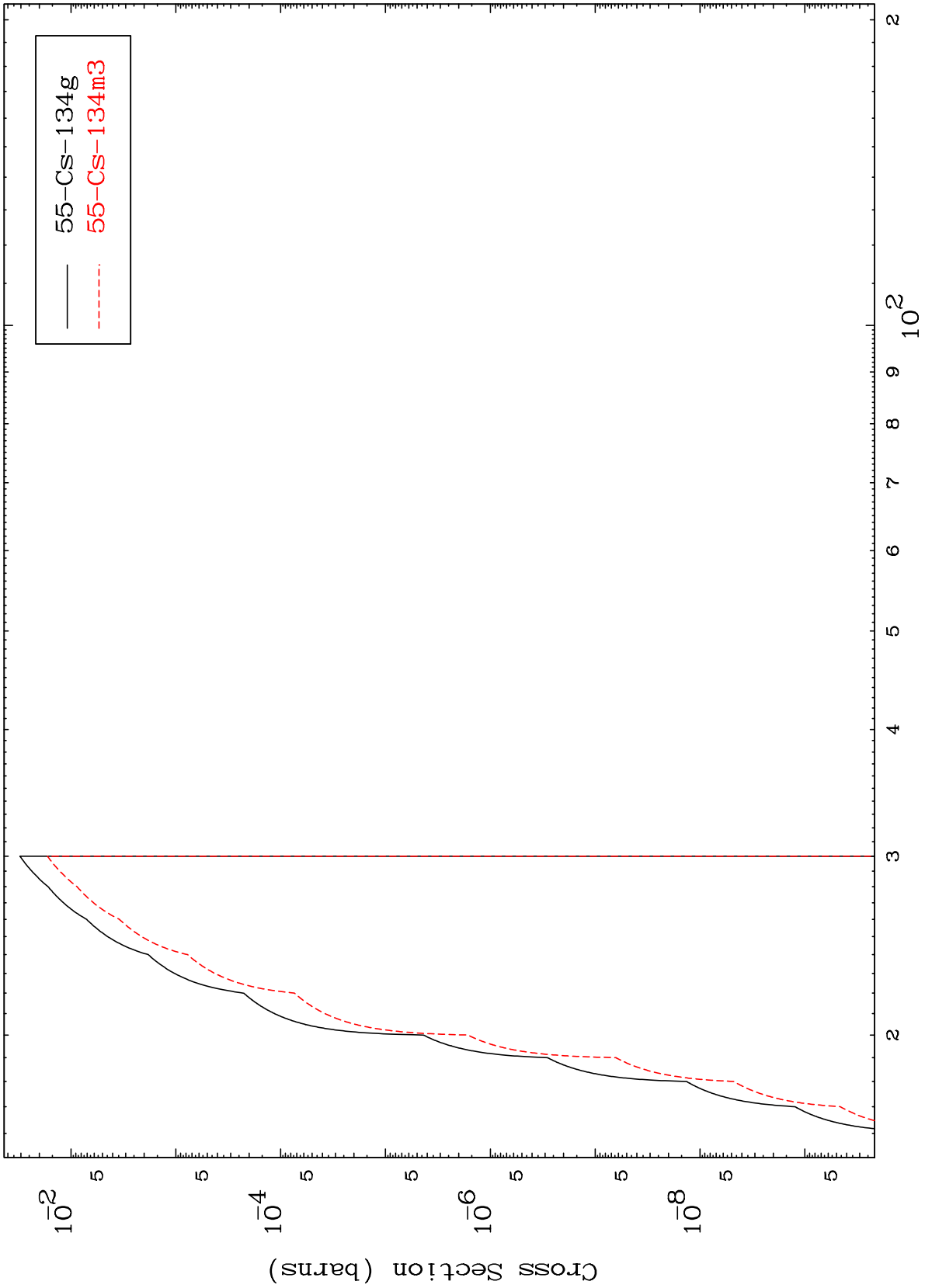
55-Cs-136

MAT 5534

(p,2n) p

55-Cs-136

Radionuclide Production Cross Section



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

19

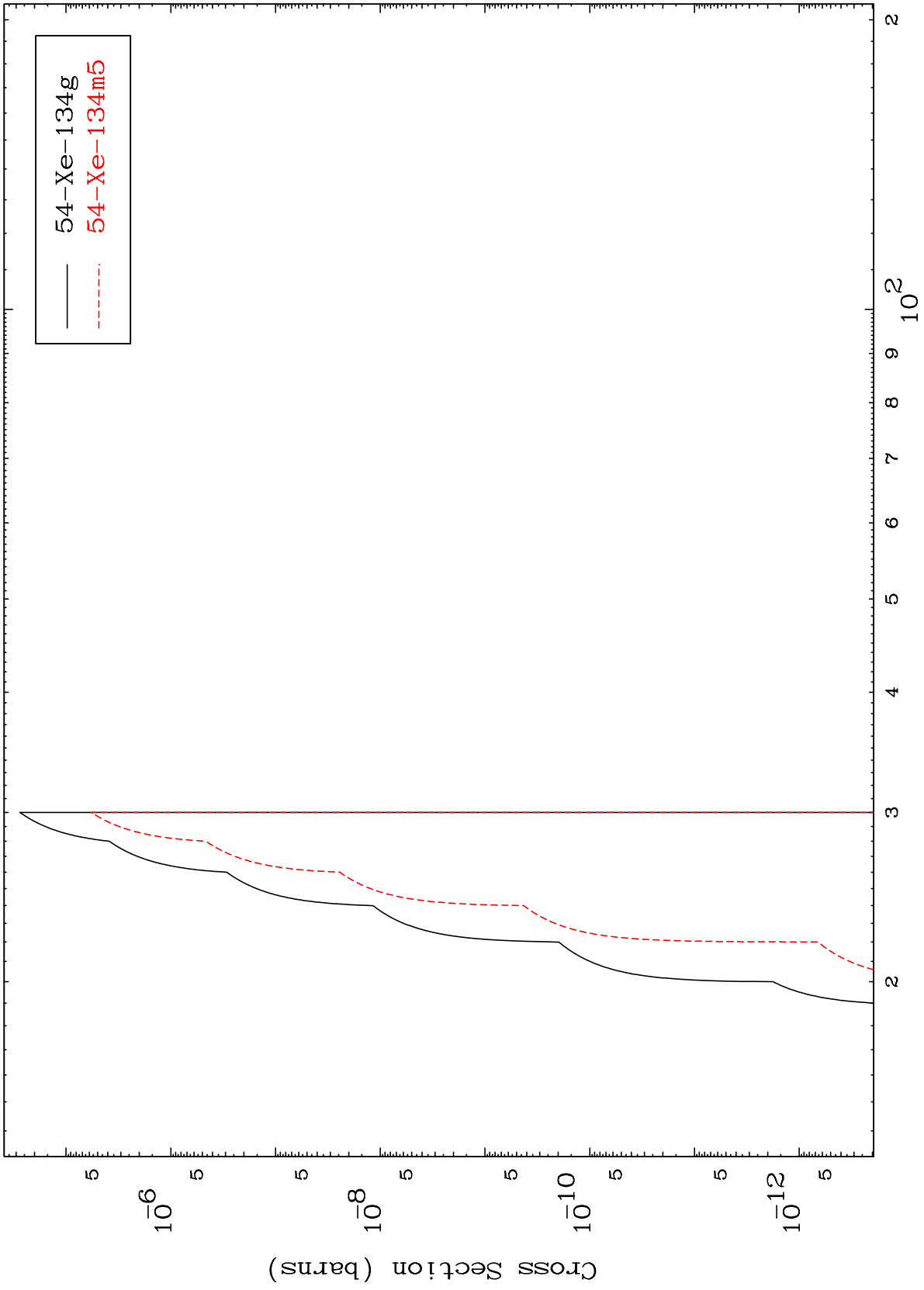
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(p,2n) p
Radionuclide Production Cross Section



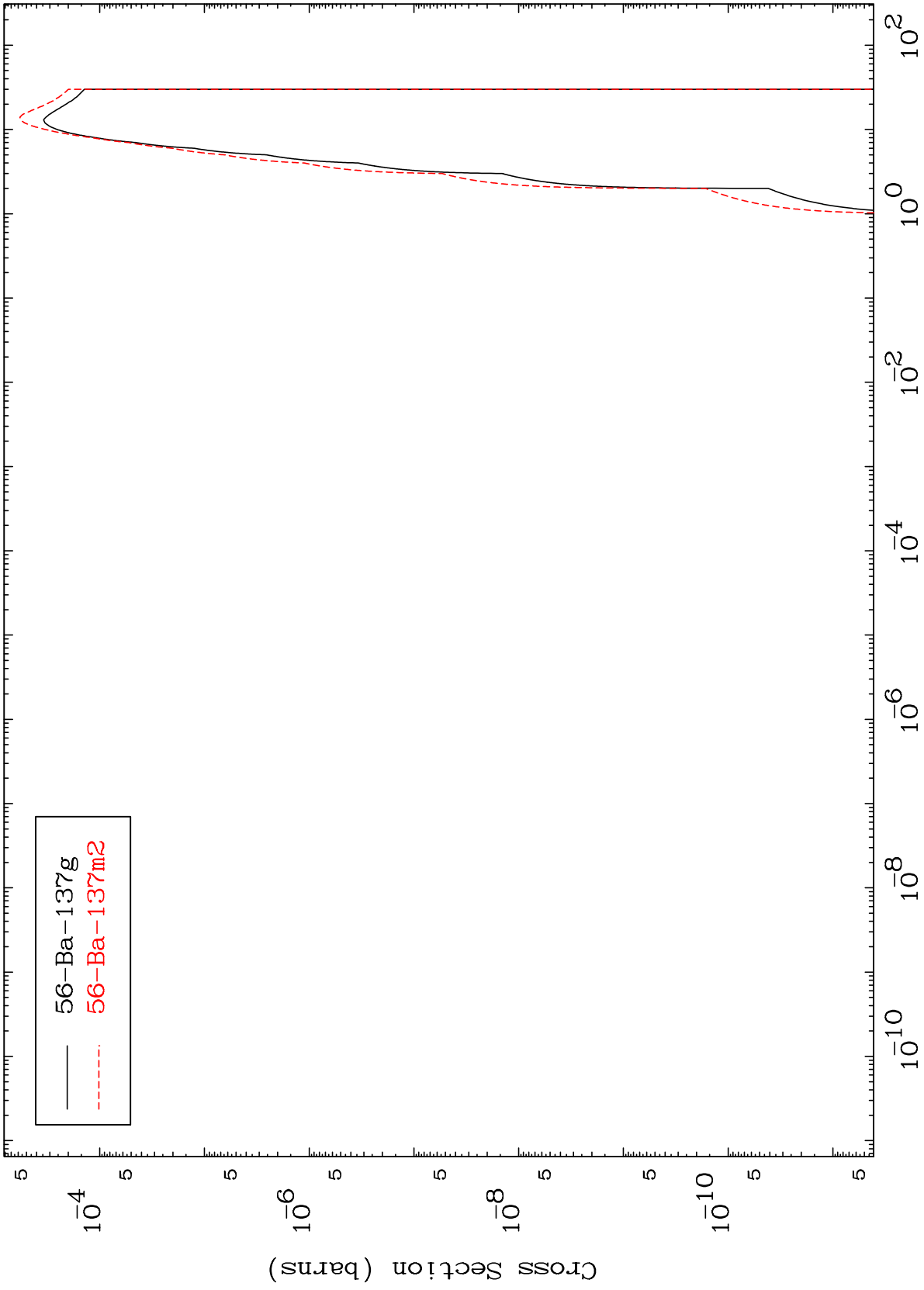
20

55-Cs-136

MAT 5534

Radionuclide Production Cross Section
(p,γ)

55-Cs-136

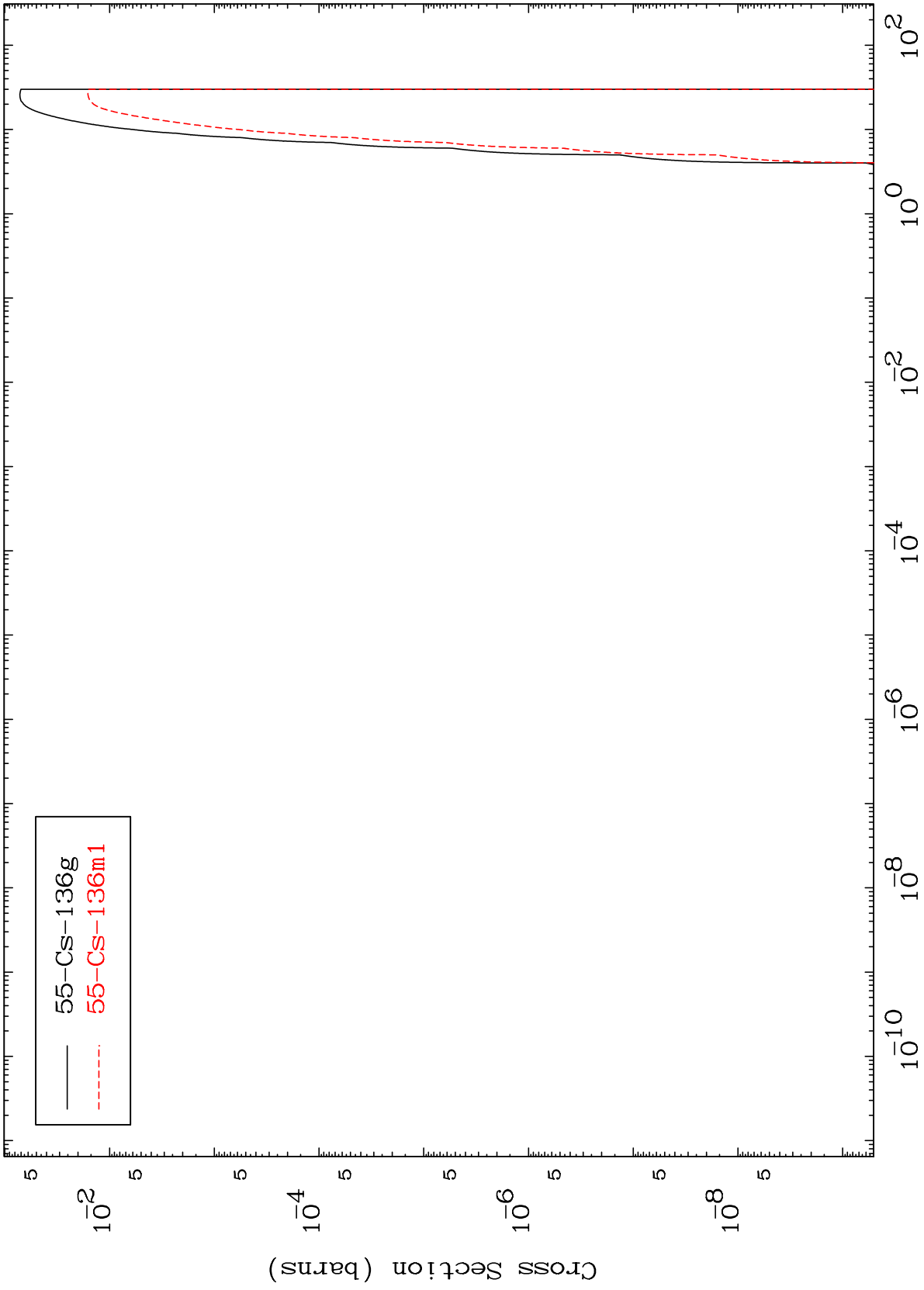


55-Cs-136

MAT 5534

(p,p)
Radionuclide Production Cross Section

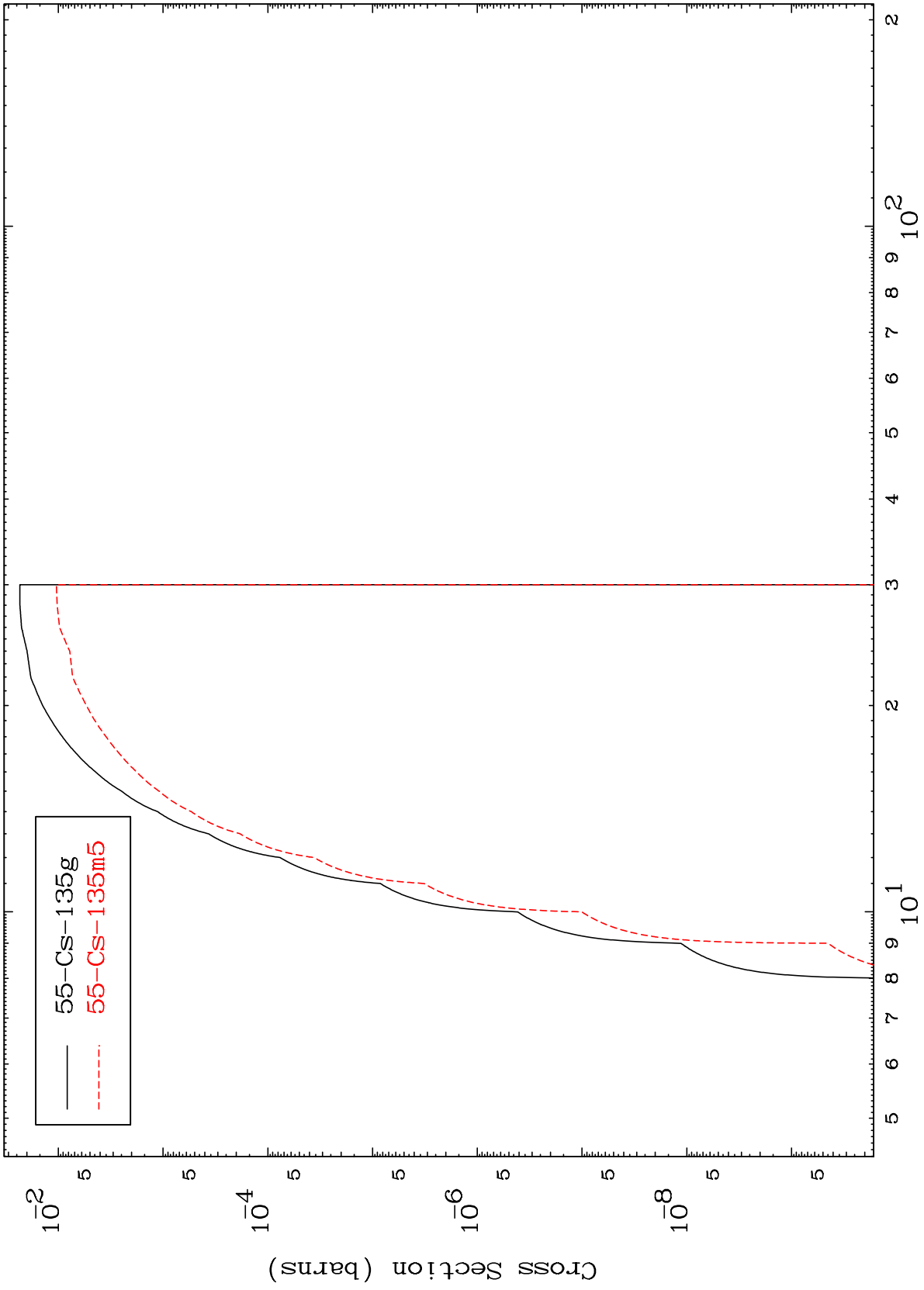
55-Cs-136



MAT 5534

Radionuclide Production Cross Section
(p,d)

55-Cs-136



23

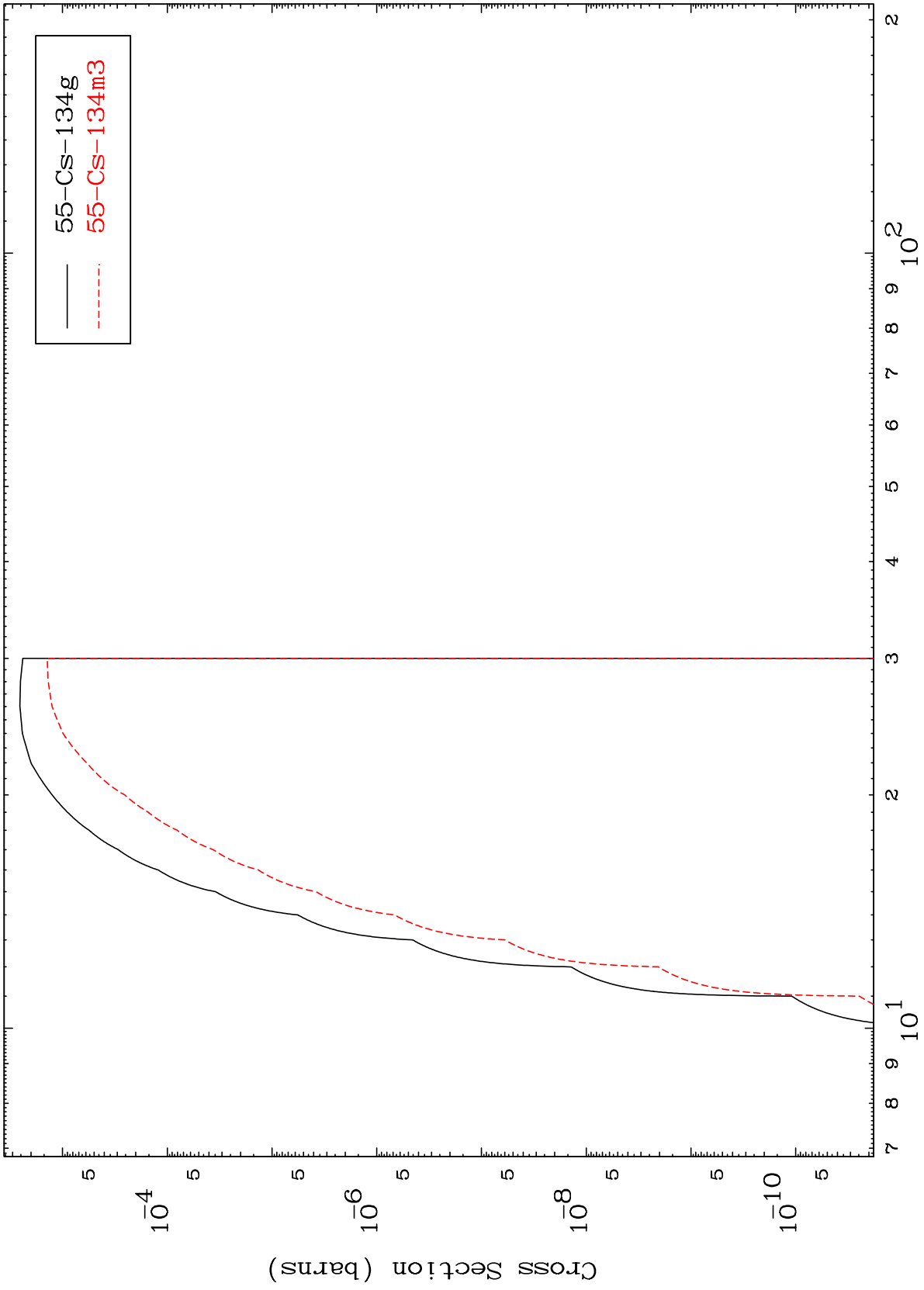
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(p, t)
Radionuclide Production Cross Section



24

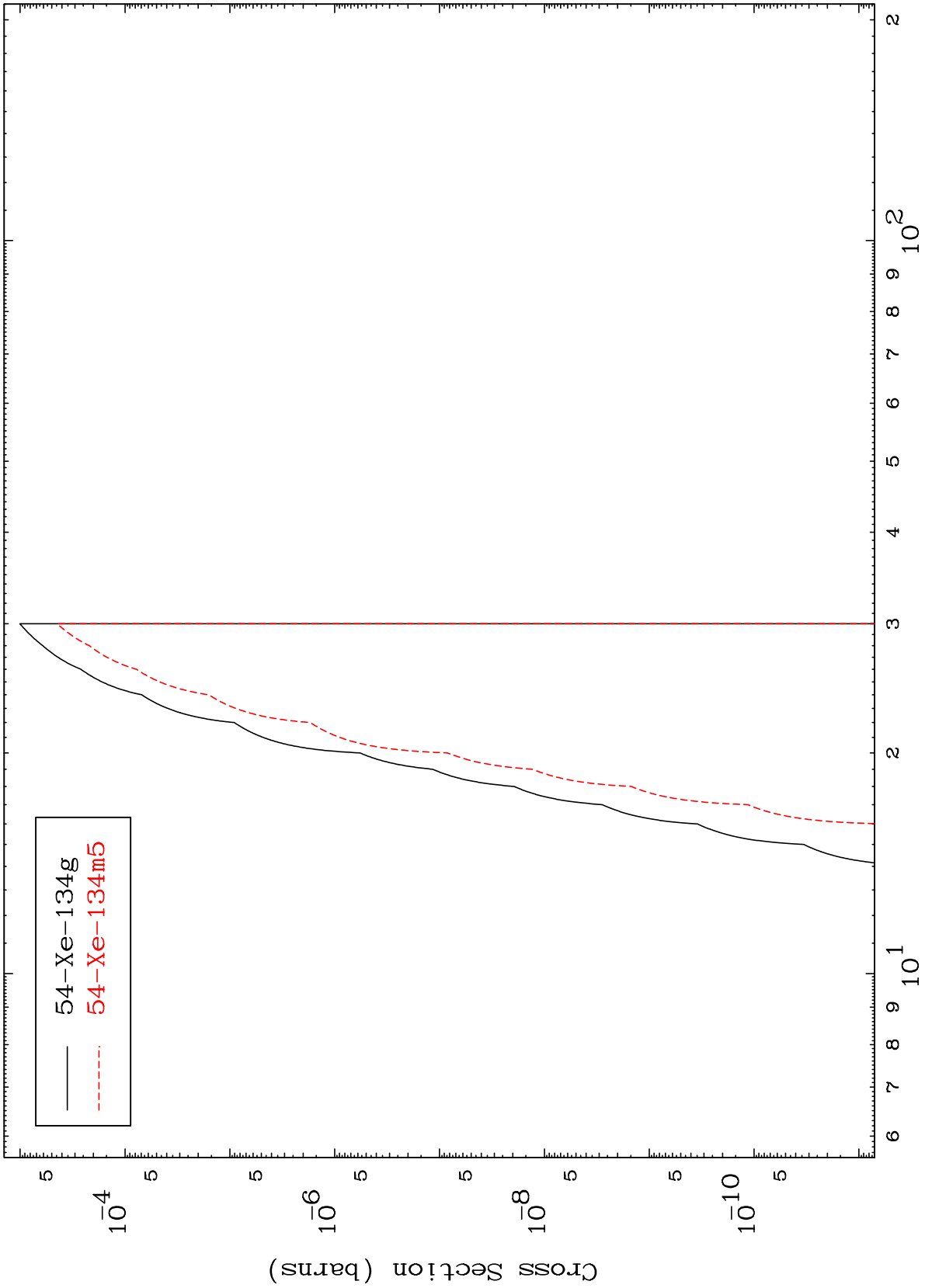
55-Cs-136

MAT 5534

(p,He-3)

55-Cs-136

Radionuclide Production Cross Section



25

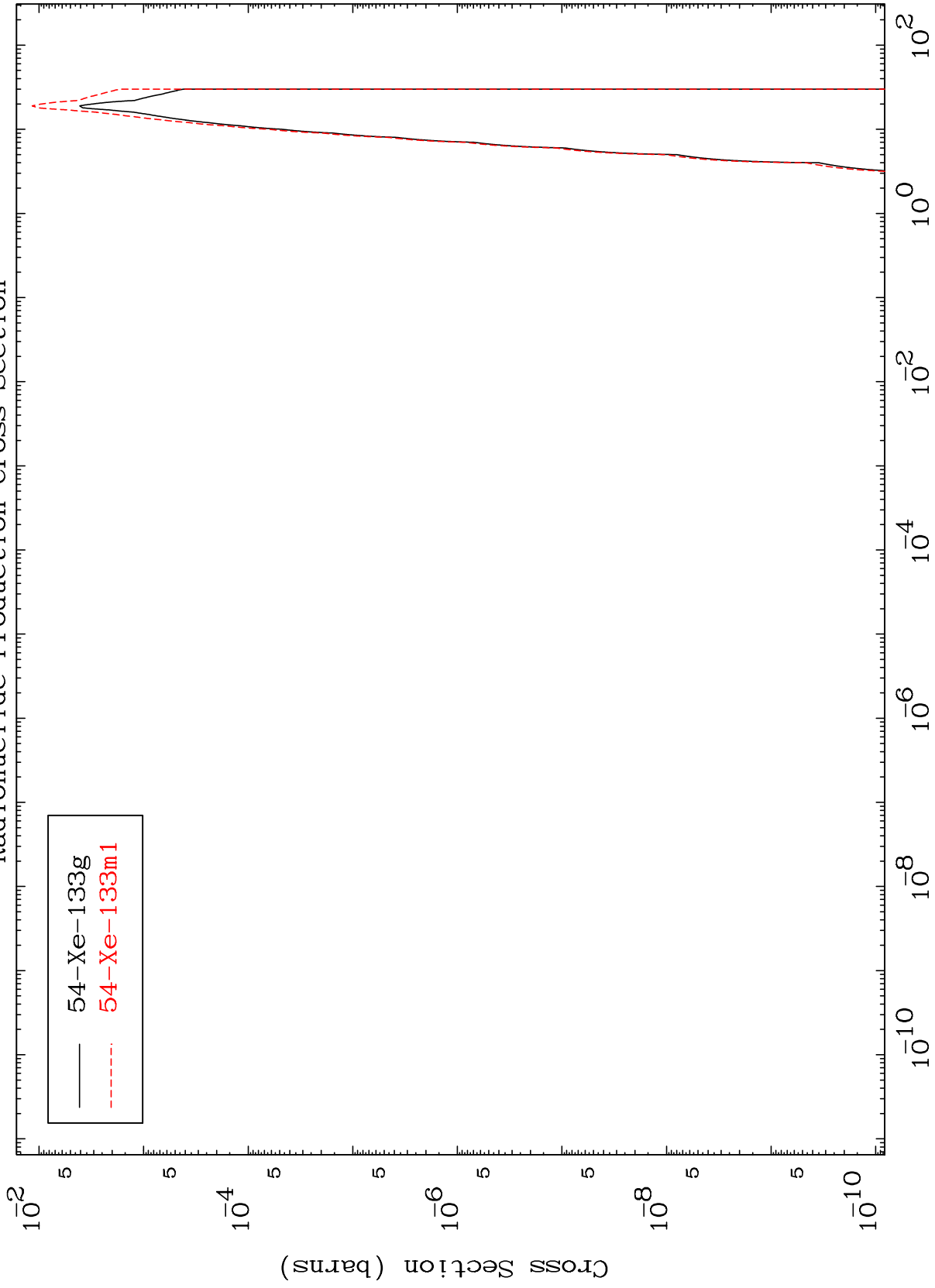
Incident Energy (MeV)

55-Cs-136

MAT 5534

Radionuclide Production Cross Section
(p, α)

55-Cs-136



26

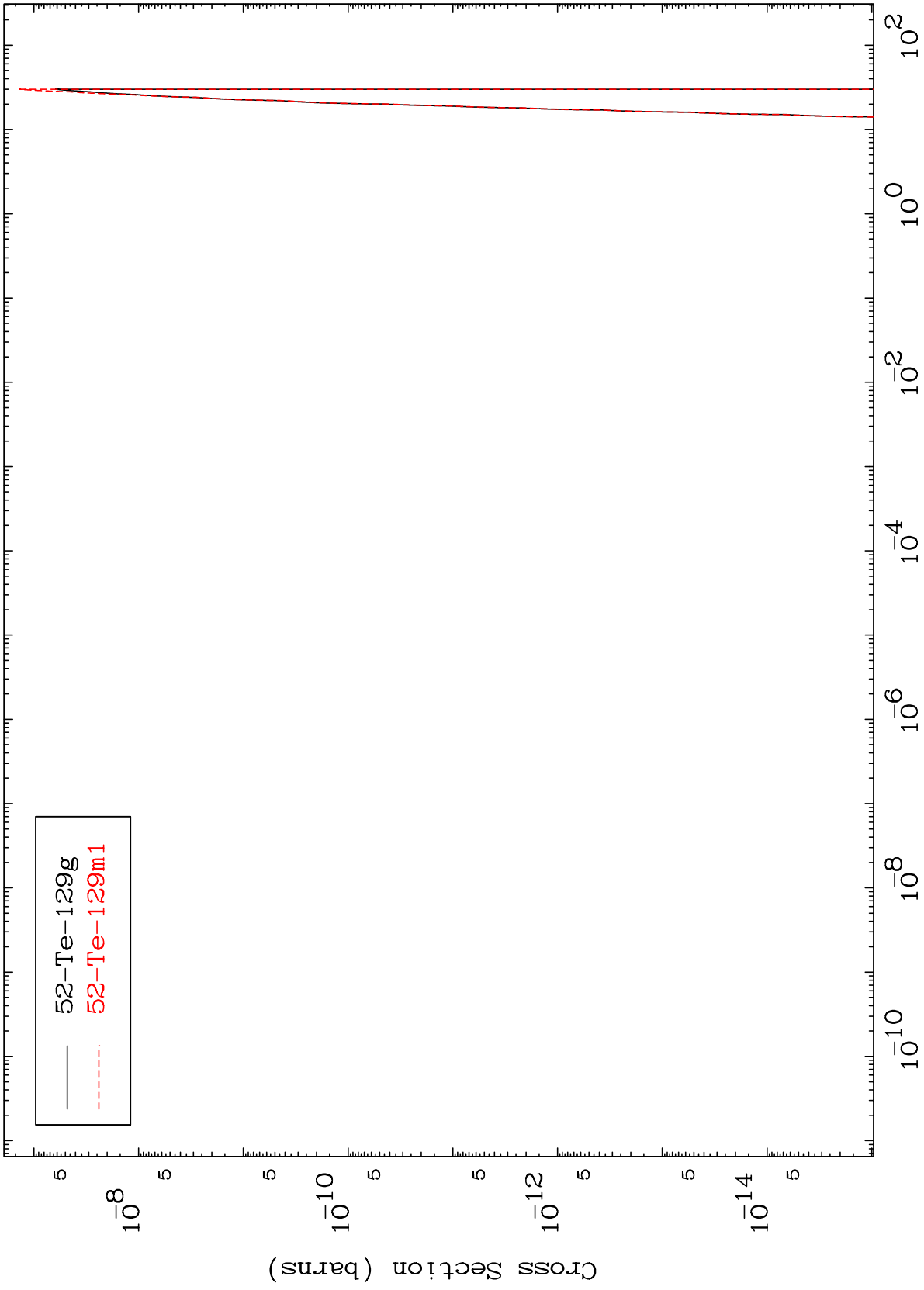
55-Cs-136

MAT 5534

(p,2α)

55-Cs-136

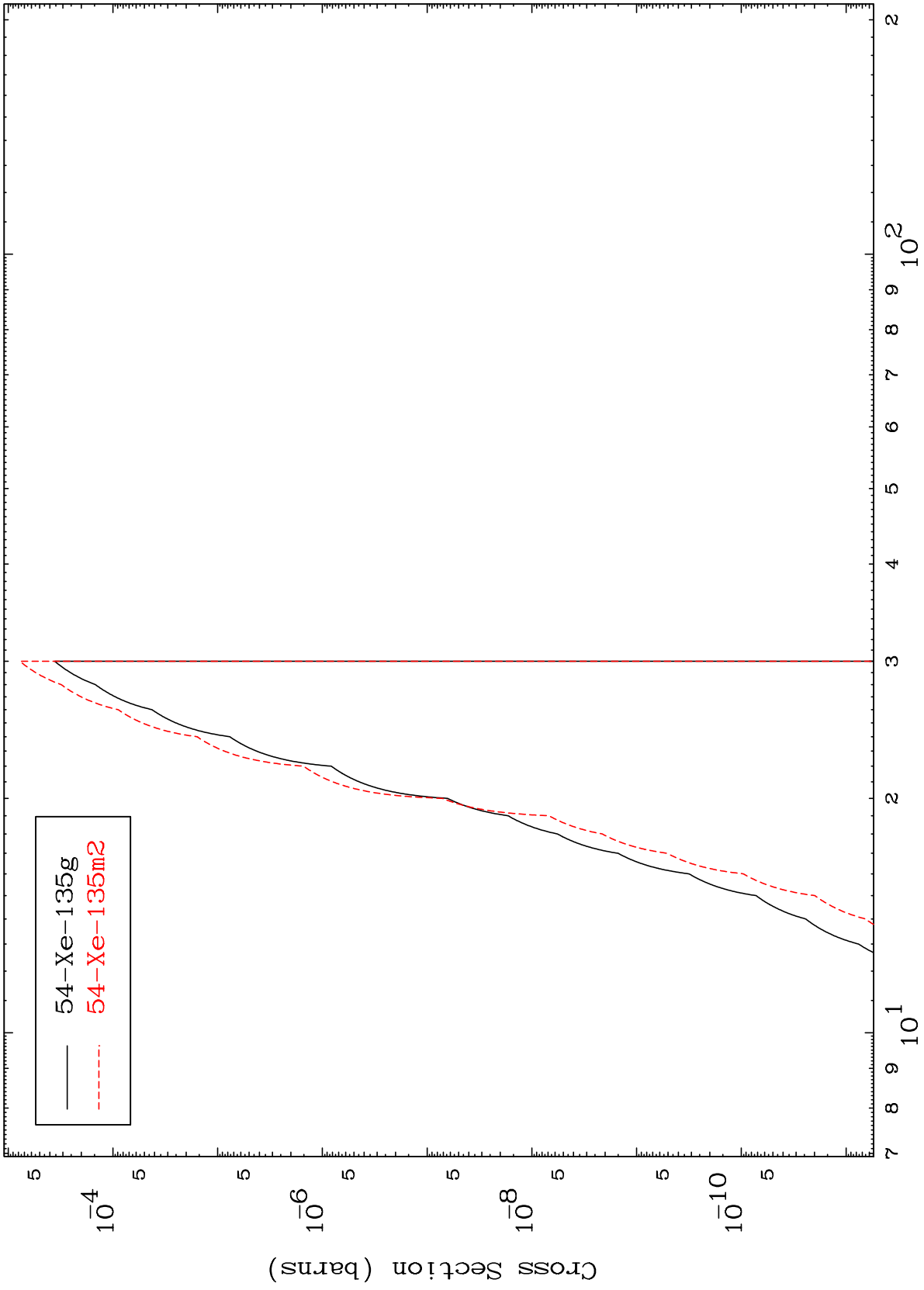
Radionuclide Production Cross Section



MAT 5534

55-Cs-136

(p,2p)
Radionuclide Production Cross Section



28

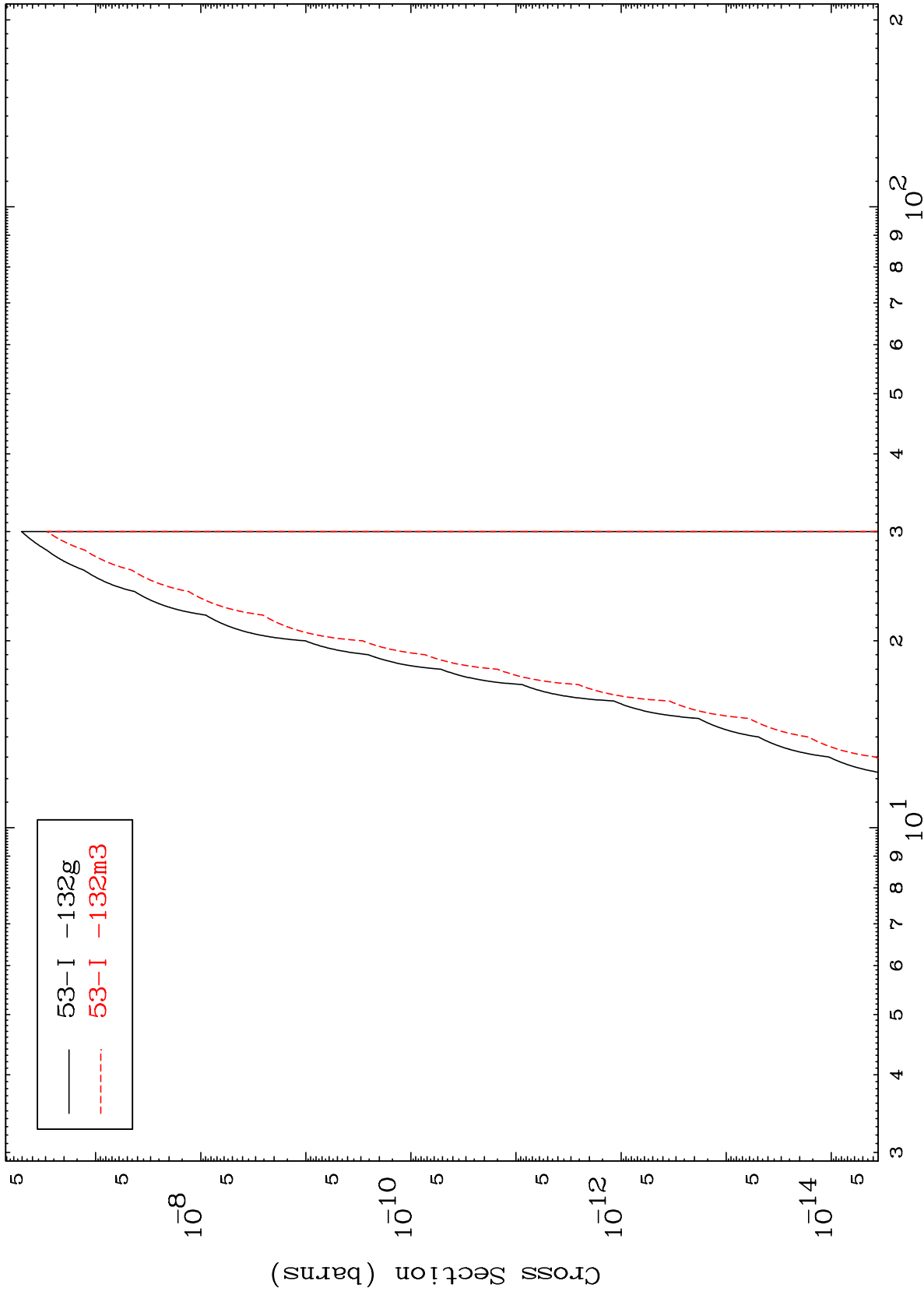
55-Cs-136

MAT 5534

(p,p) α

55-Cs-136

Radionuclide Production Cross Section



29

Incident Energy (MeV)

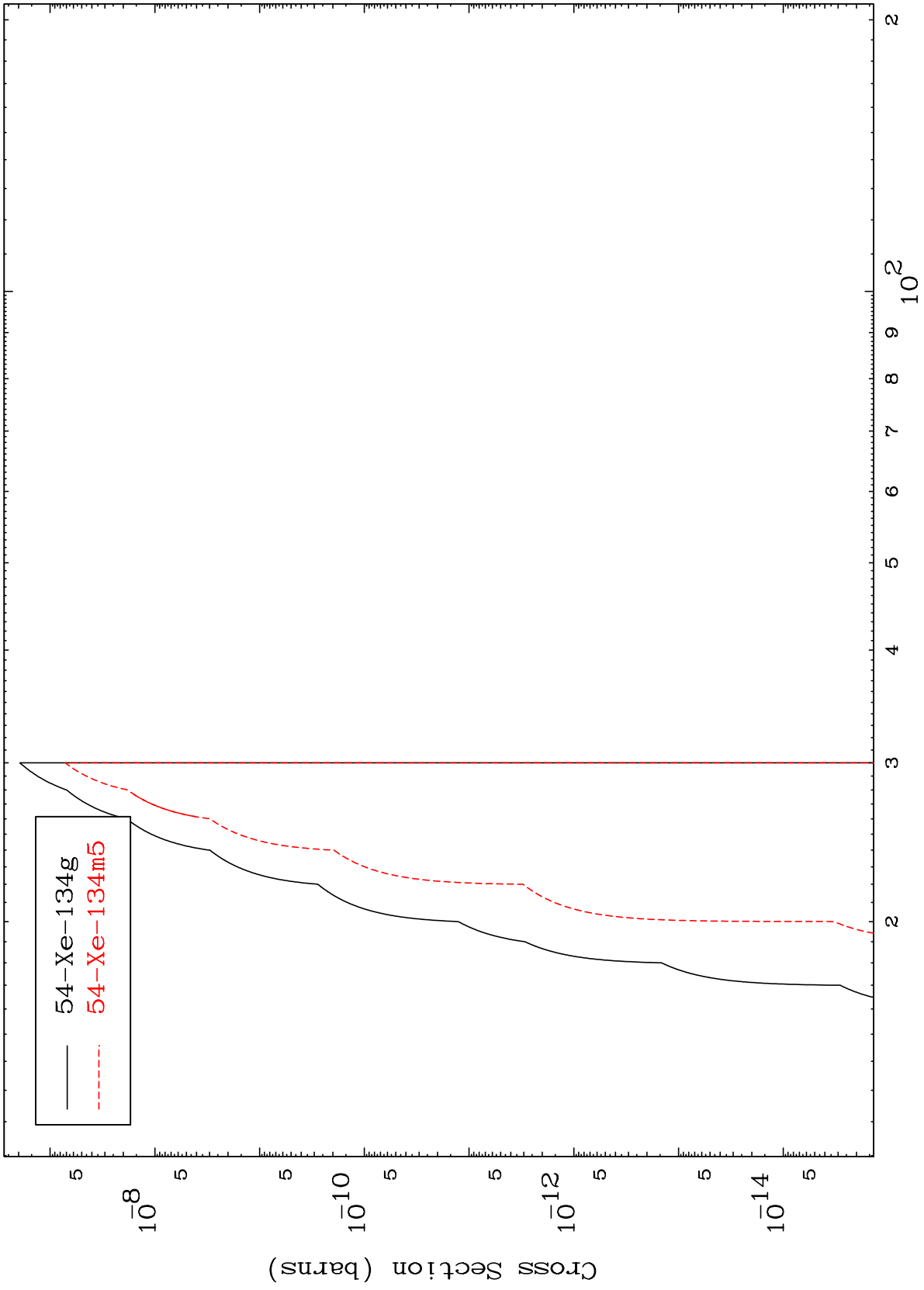
55-Cs-136

MAT 5534

(p,p) d

55-Cs-136

Radionuclide Production Cross Section



30

Incident Energy (MeV)

55-Cs-136

MAT 5534

(p,p) t

55-Cs-136

