

Program EVALPLOT
(Version 2021-1)

by

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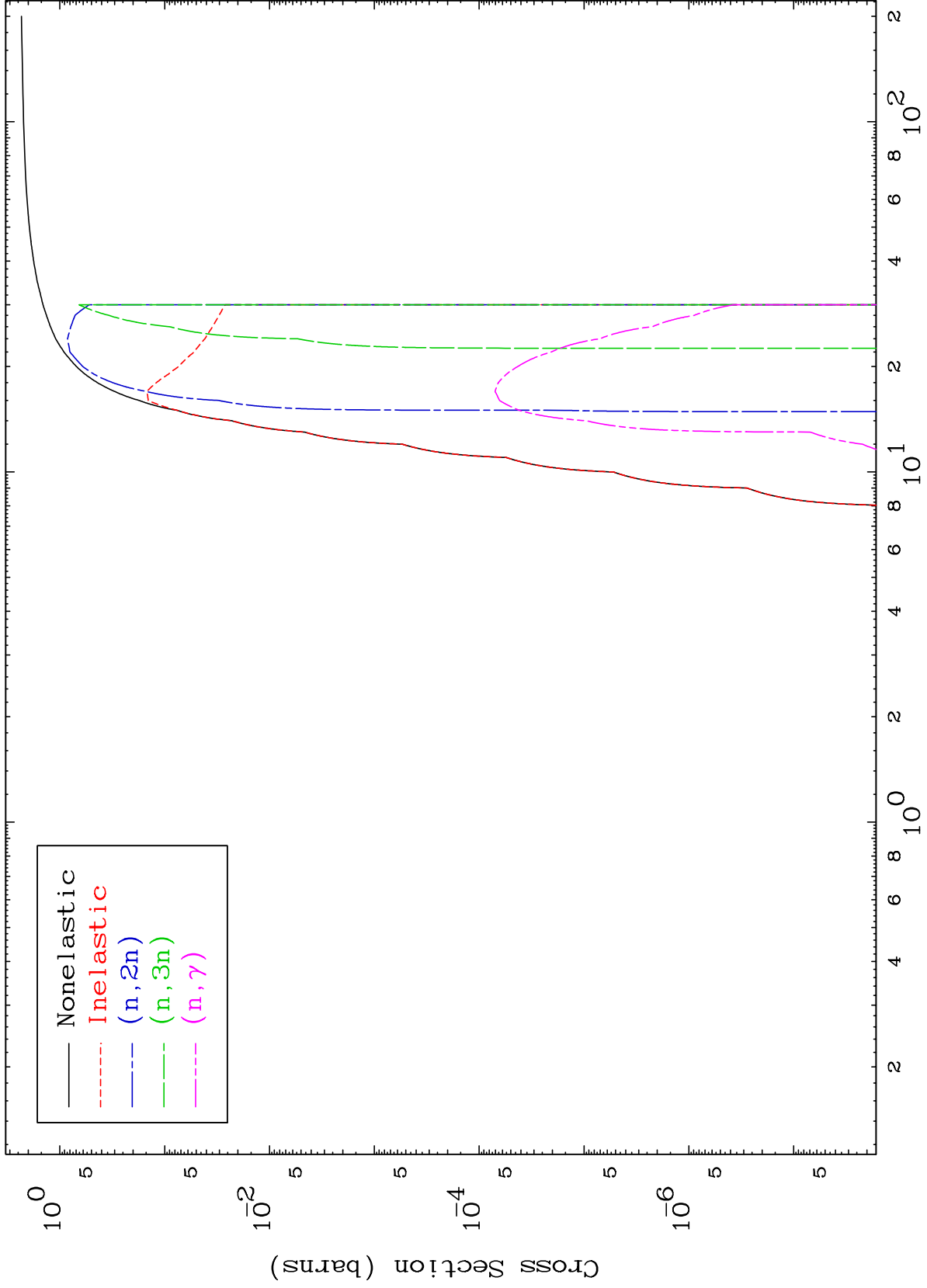
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5529

0 Kelvin Major
 α Major Cross Sections

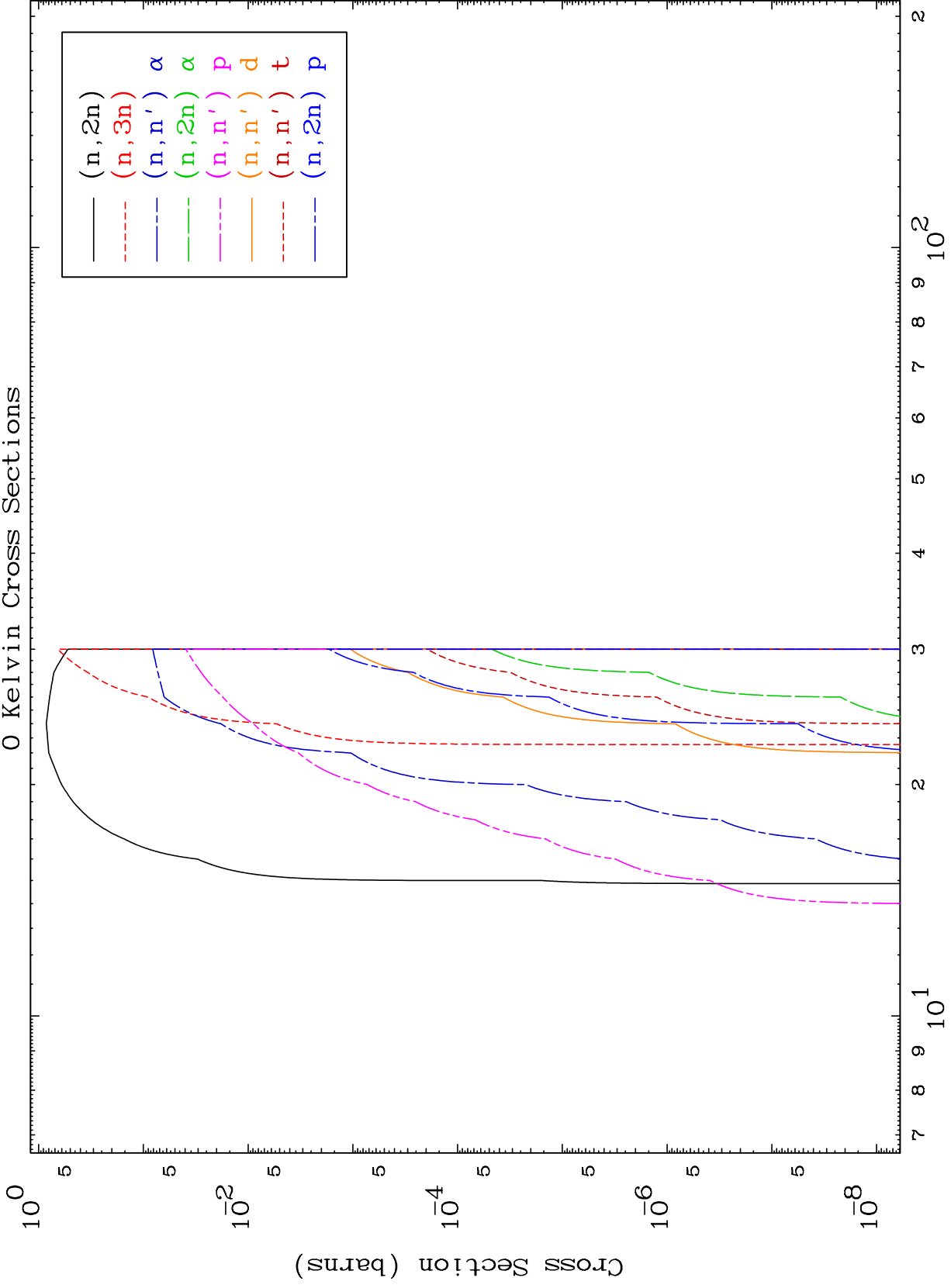
55-Cs-134m



MAT 5529

α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-134m



2

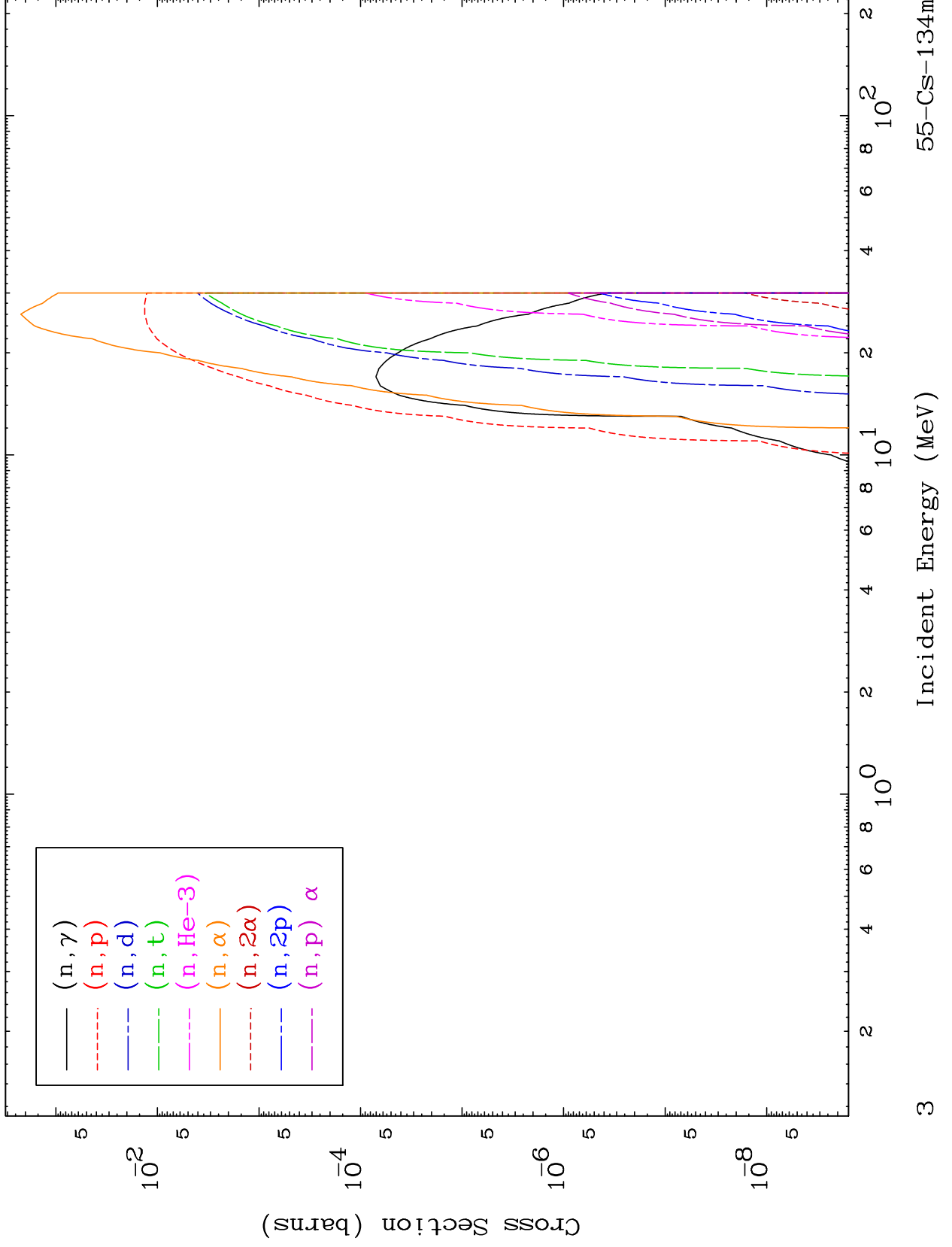
Incident Energy (MeV)

55-Cs-134m

MAT 5529

α Neutron Absorption
0 Kelvin Cross Sections

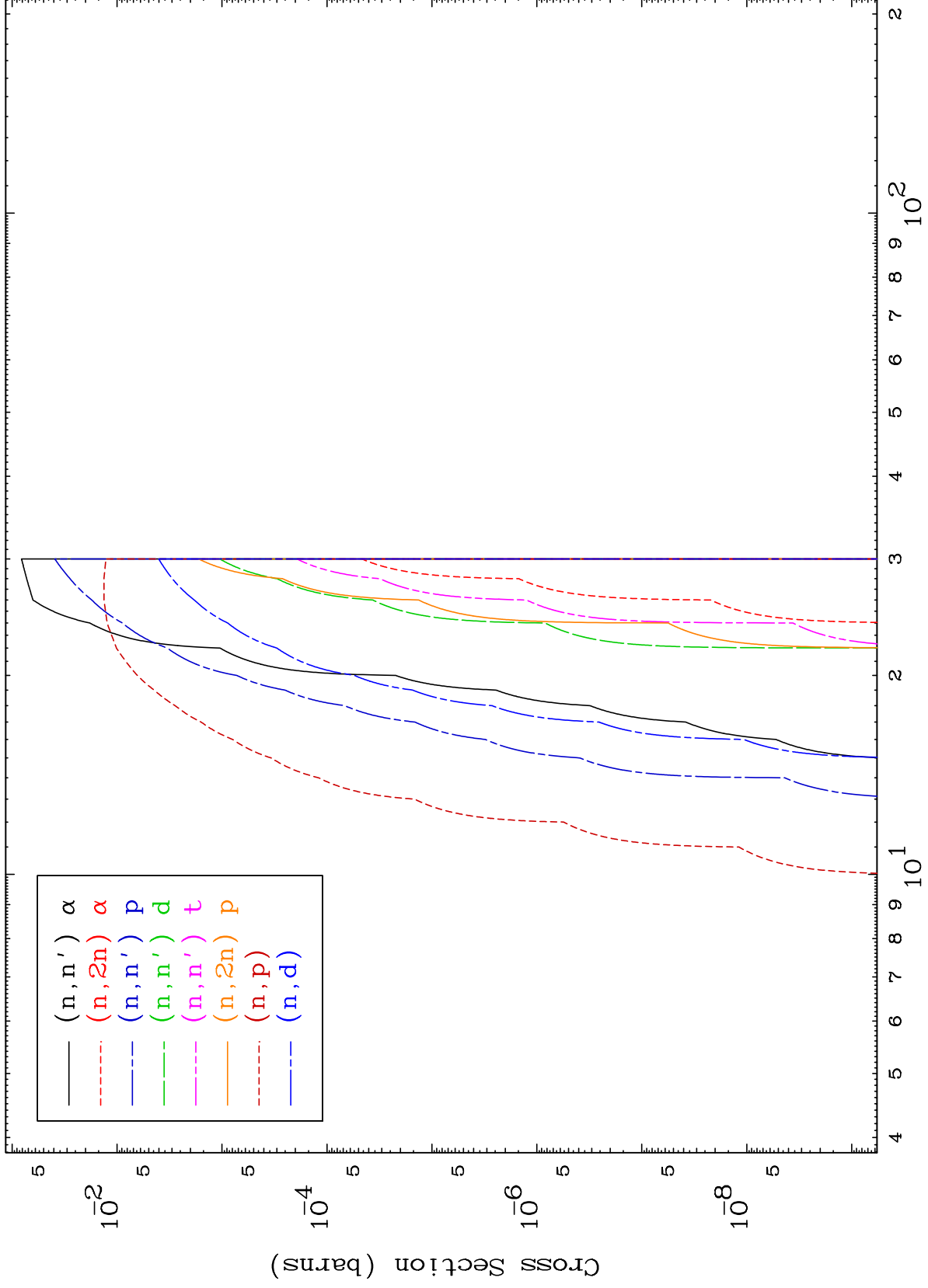
55-Cs-134m



MAT 5529

α Charged Particle
0 Kelvin Cross Sections

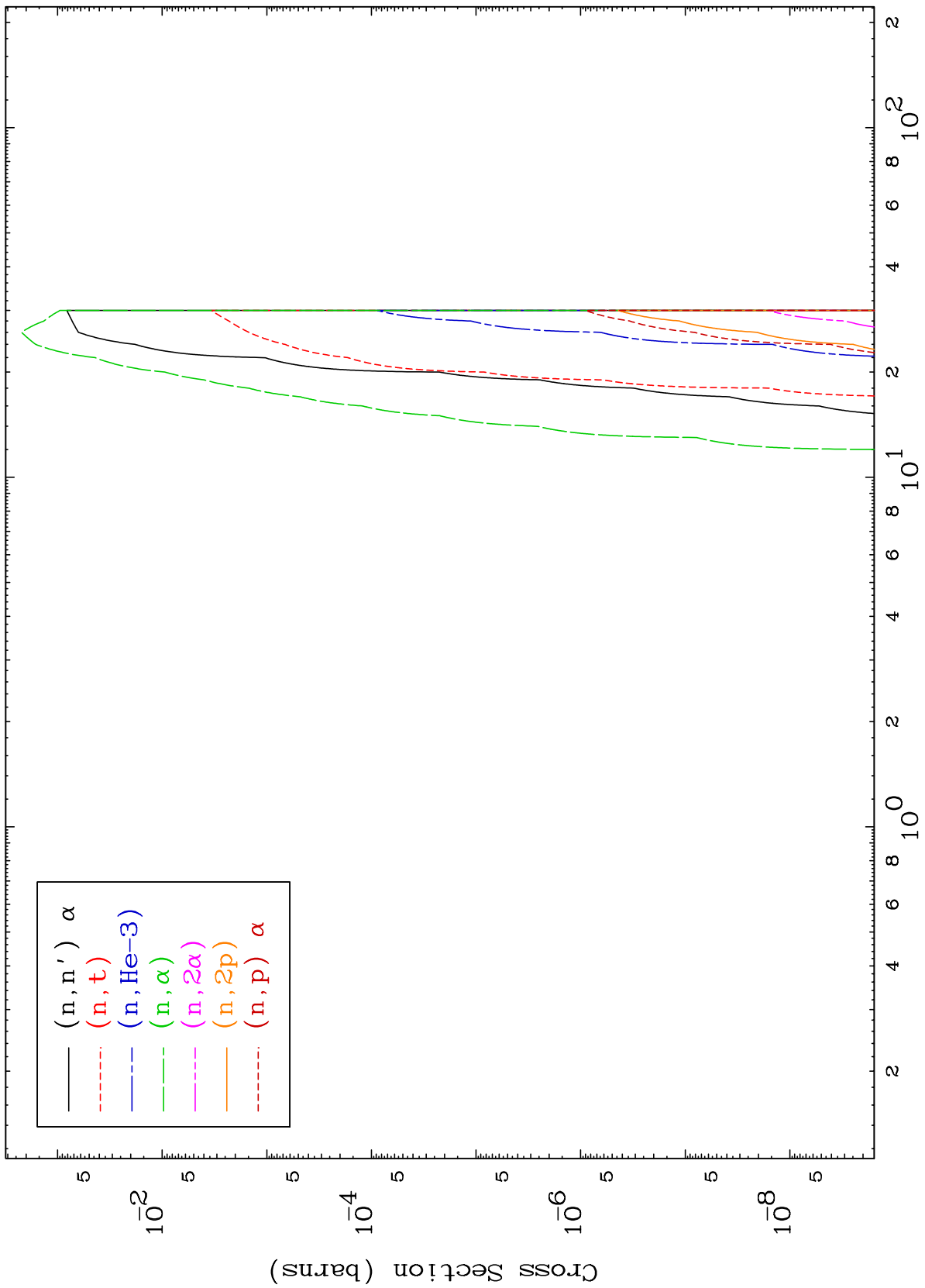
55-Cs-134m



MAT 5529

α Charged Particle
0 Kelvin Cross Sections

55-Cs-134m

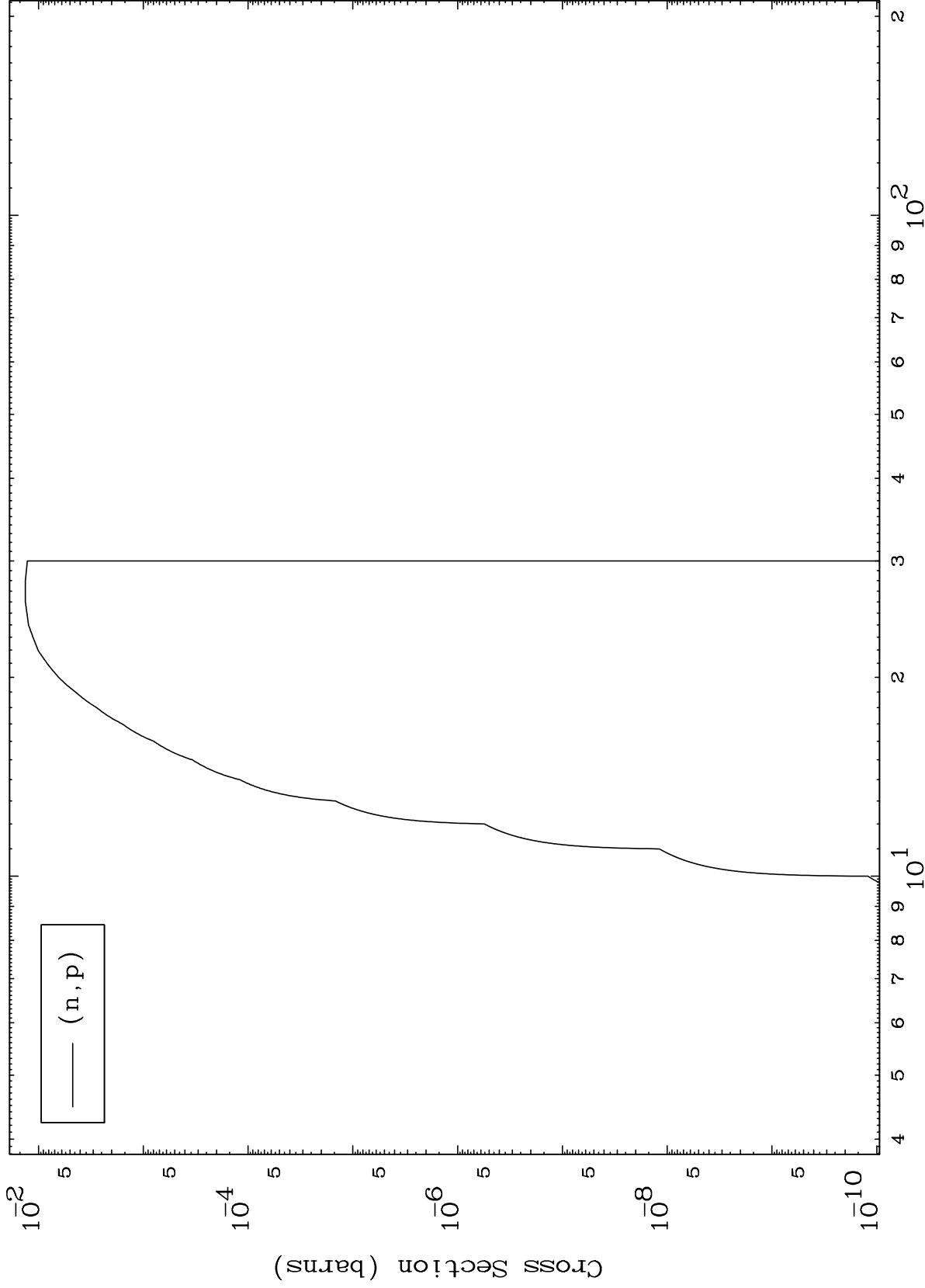


MAT 5529

(α, p) Levels

55-Cs-134m

0 Kelvin Cross Sections



Incident Energy (MeV)

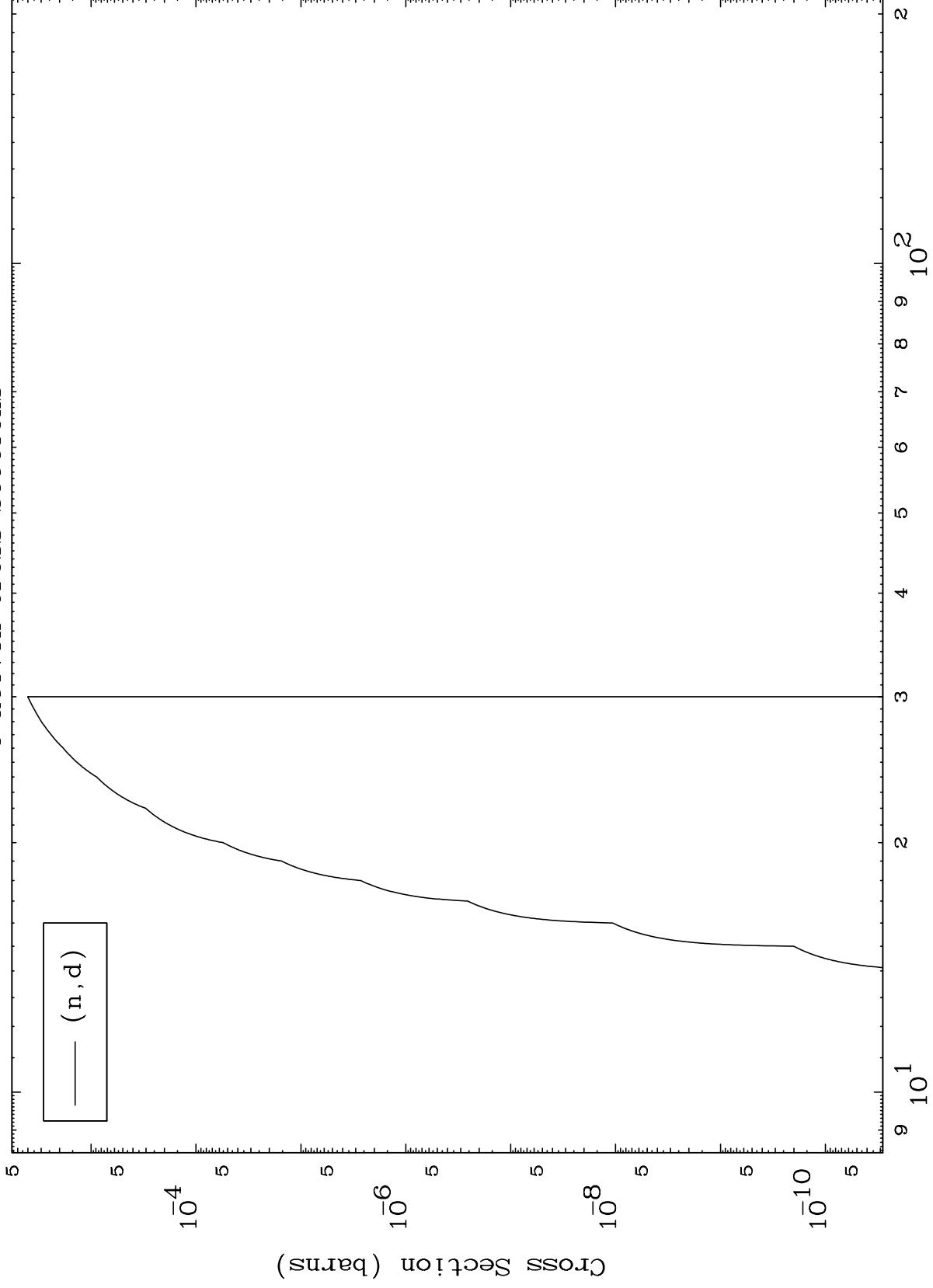
55-Cs-134m

6

MAT 5529

(α, d) Levels
0 Kelvin Cross Sections

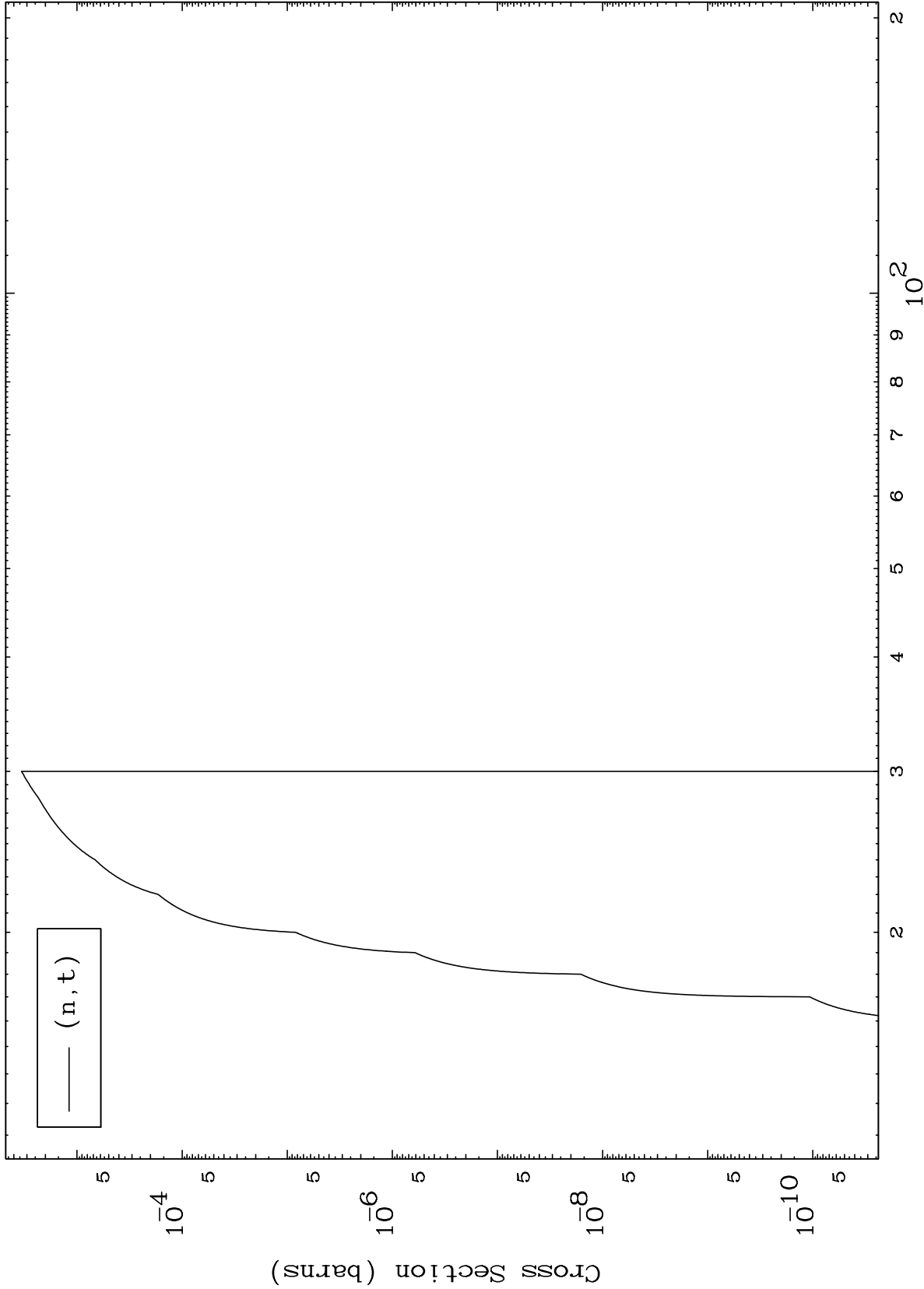
55-Cs-134m



Incident Energy (MeV)

55-Cs-134m

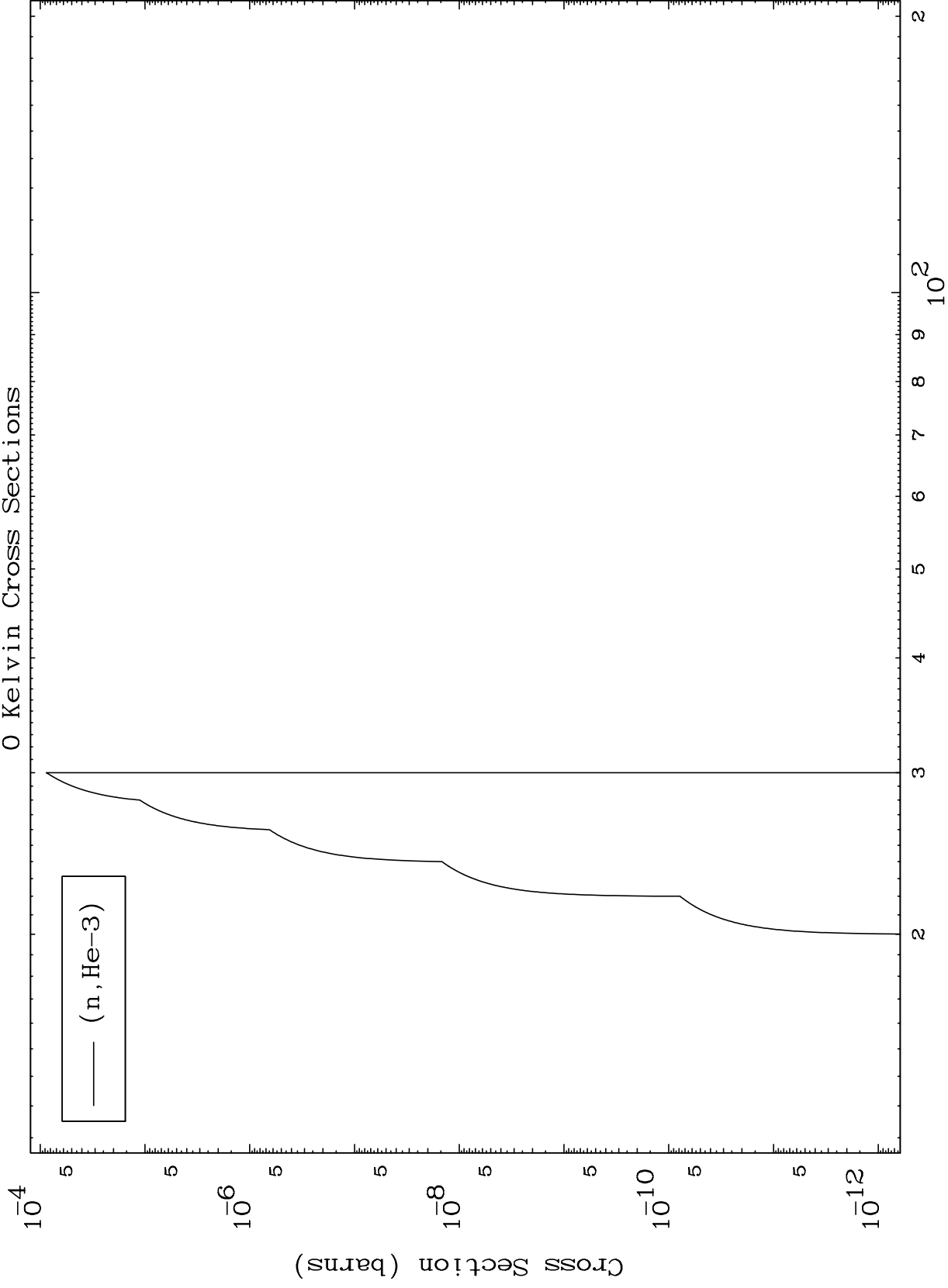
7



MAT 5529

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

55-Cs-134m

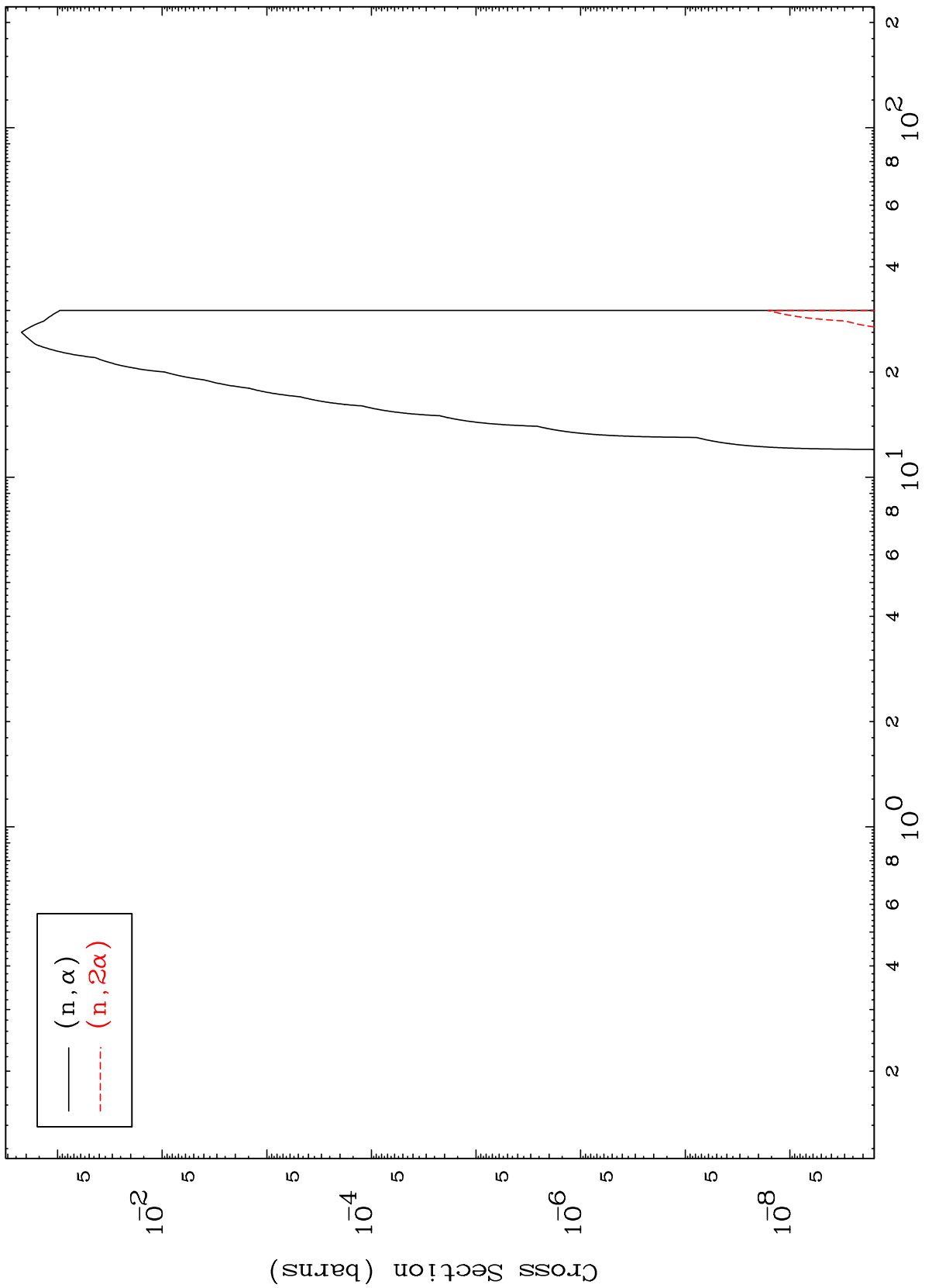


MAT 5529

(α, α) Levels

55-Cs-134m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

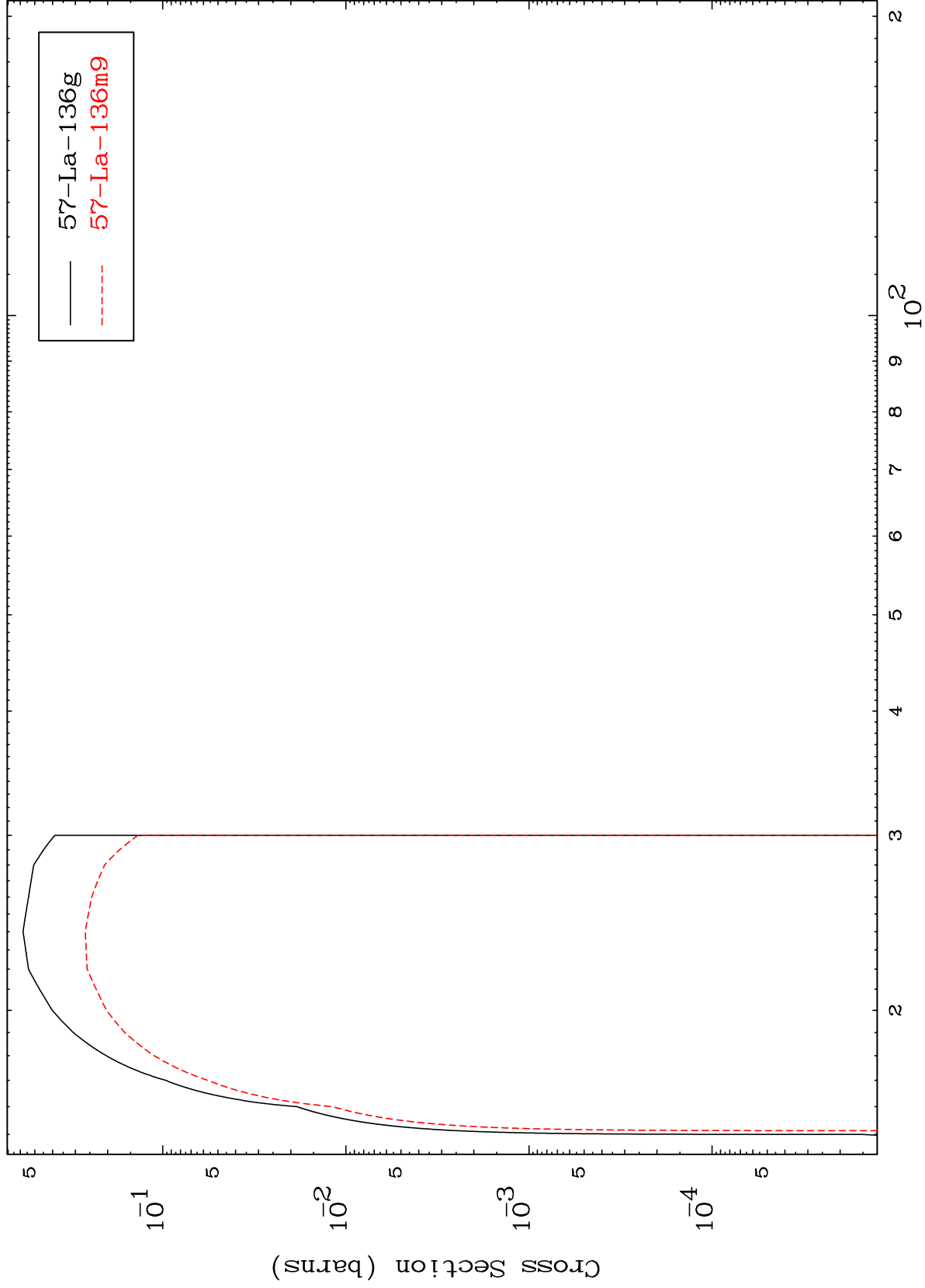
55-Cs-134m

MAT 5529

(n,2n)

55-Cs-134m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

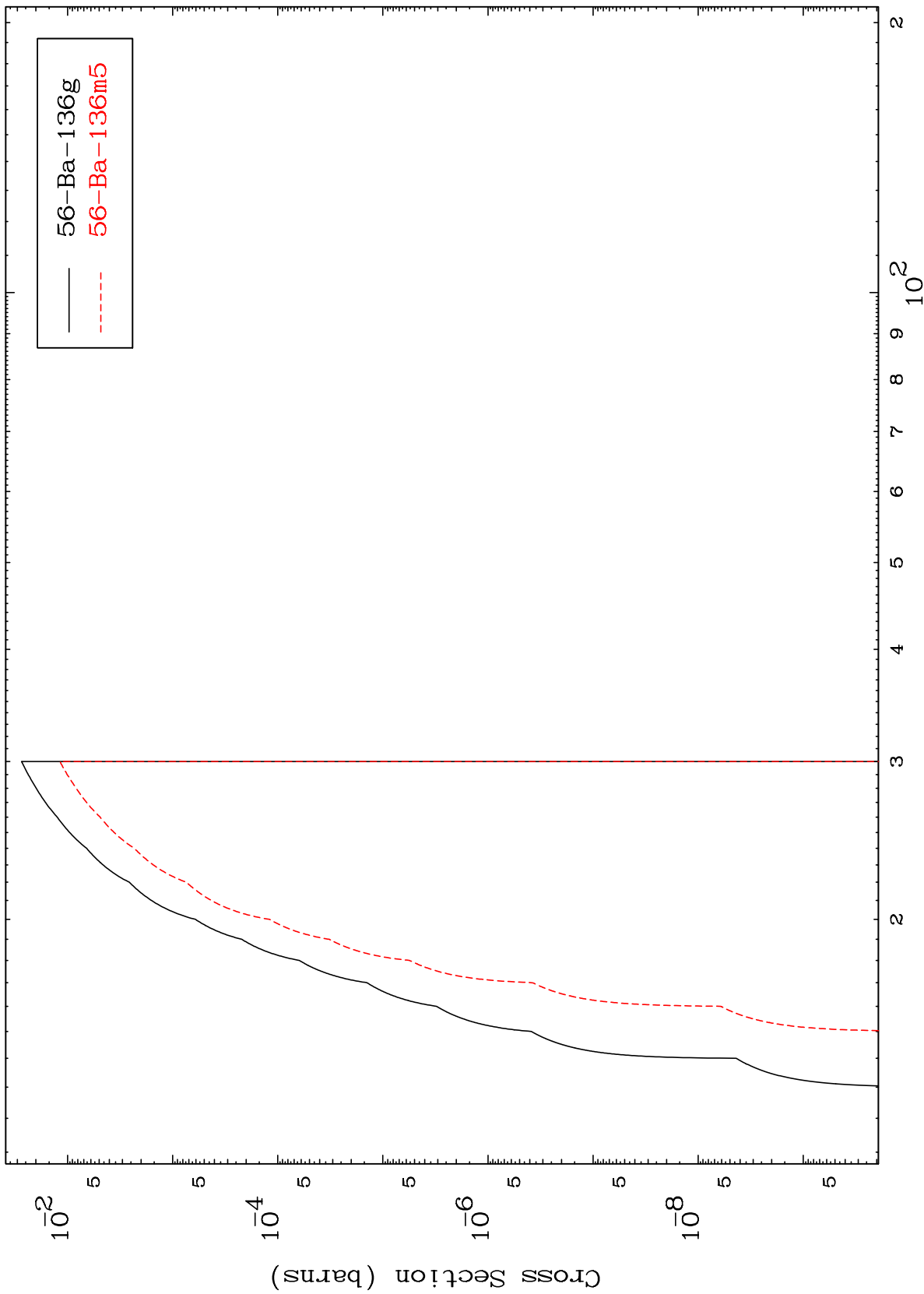
55-Cs-134m

MAT 5529

(n,n') p

55-Cs-134m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

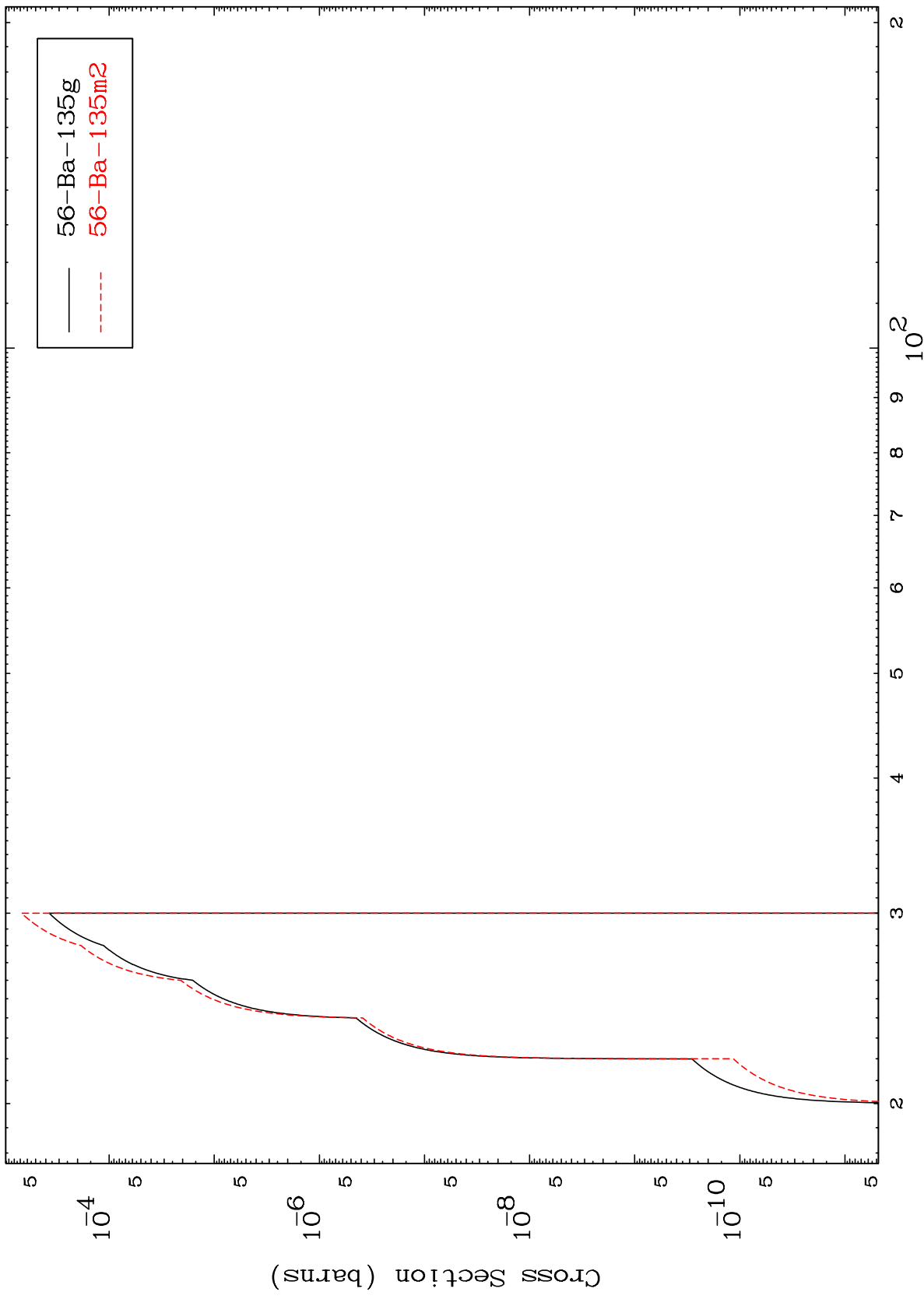
55-Cs-134m

MAT 5529

(n,n') d

55-Cs-134m

Radionuclide Production Cross Section



13

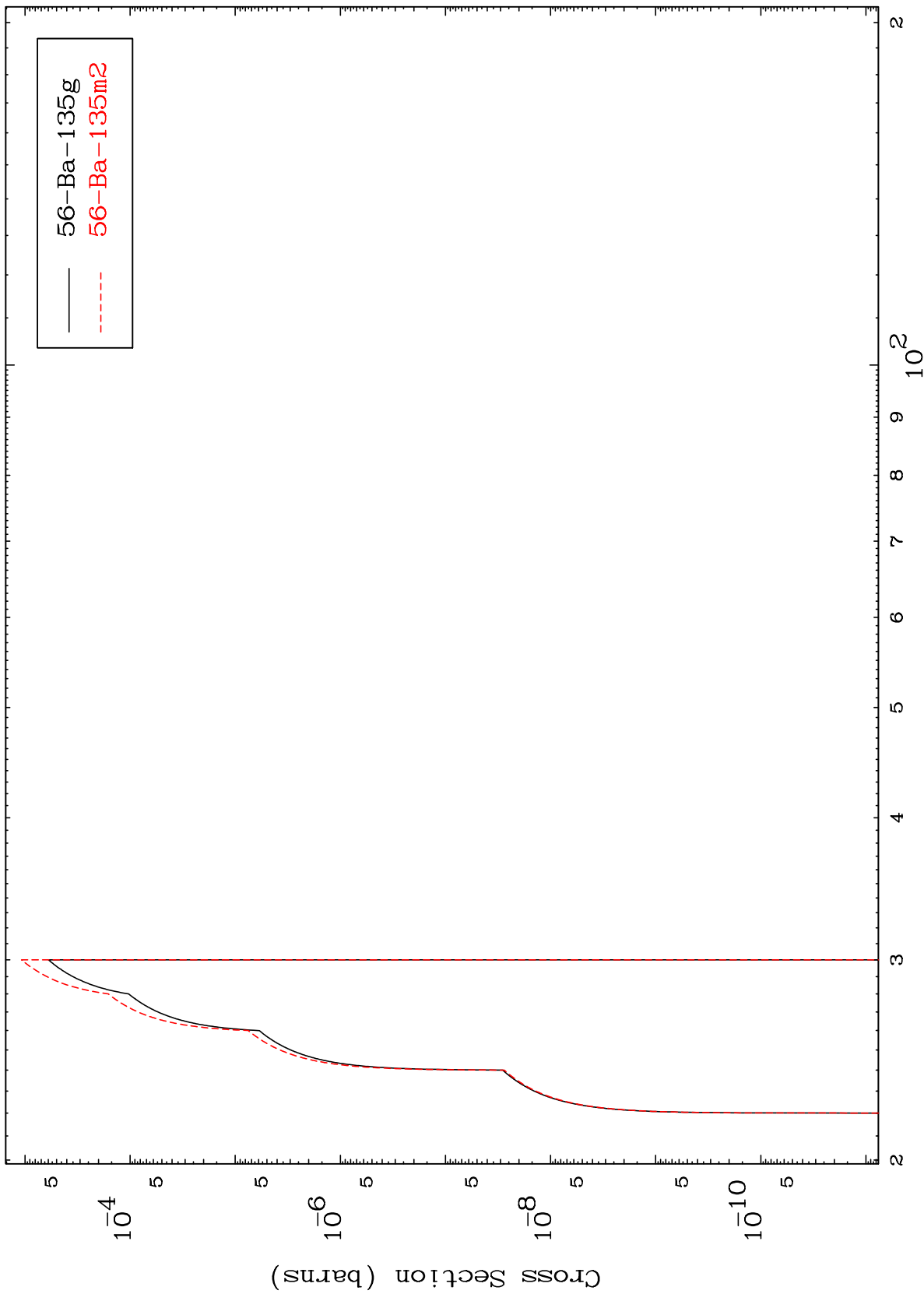
Incident Energy (MeV)

55-Cs-134m

MAT 5529

55-Cs-134m

(n,2n) p
Radionuclide Production Cross Section



55-Cs-134m

Incident Energy (MeV)

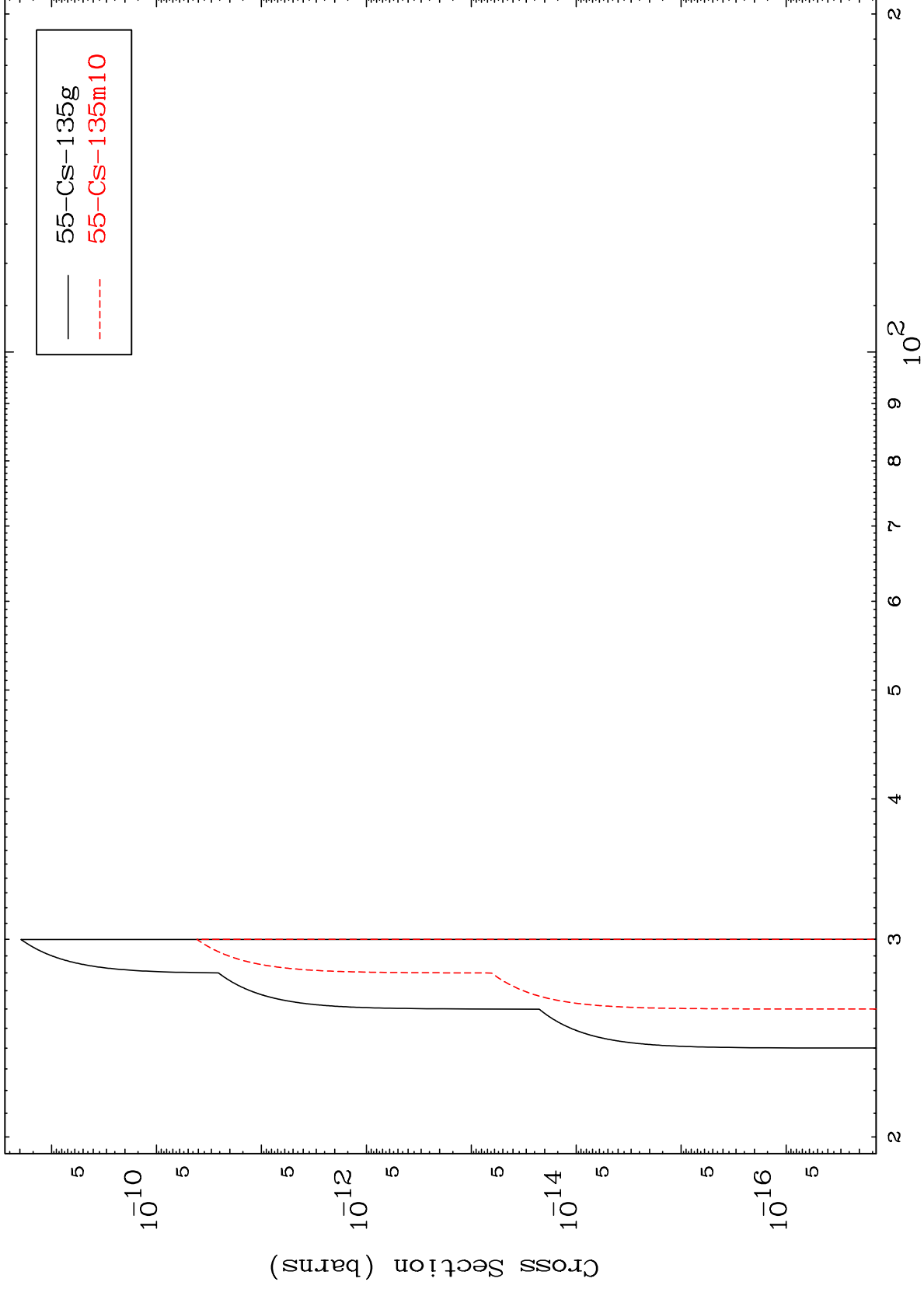
14

MAT 5529

(n,2n) p

55-Cs-134m

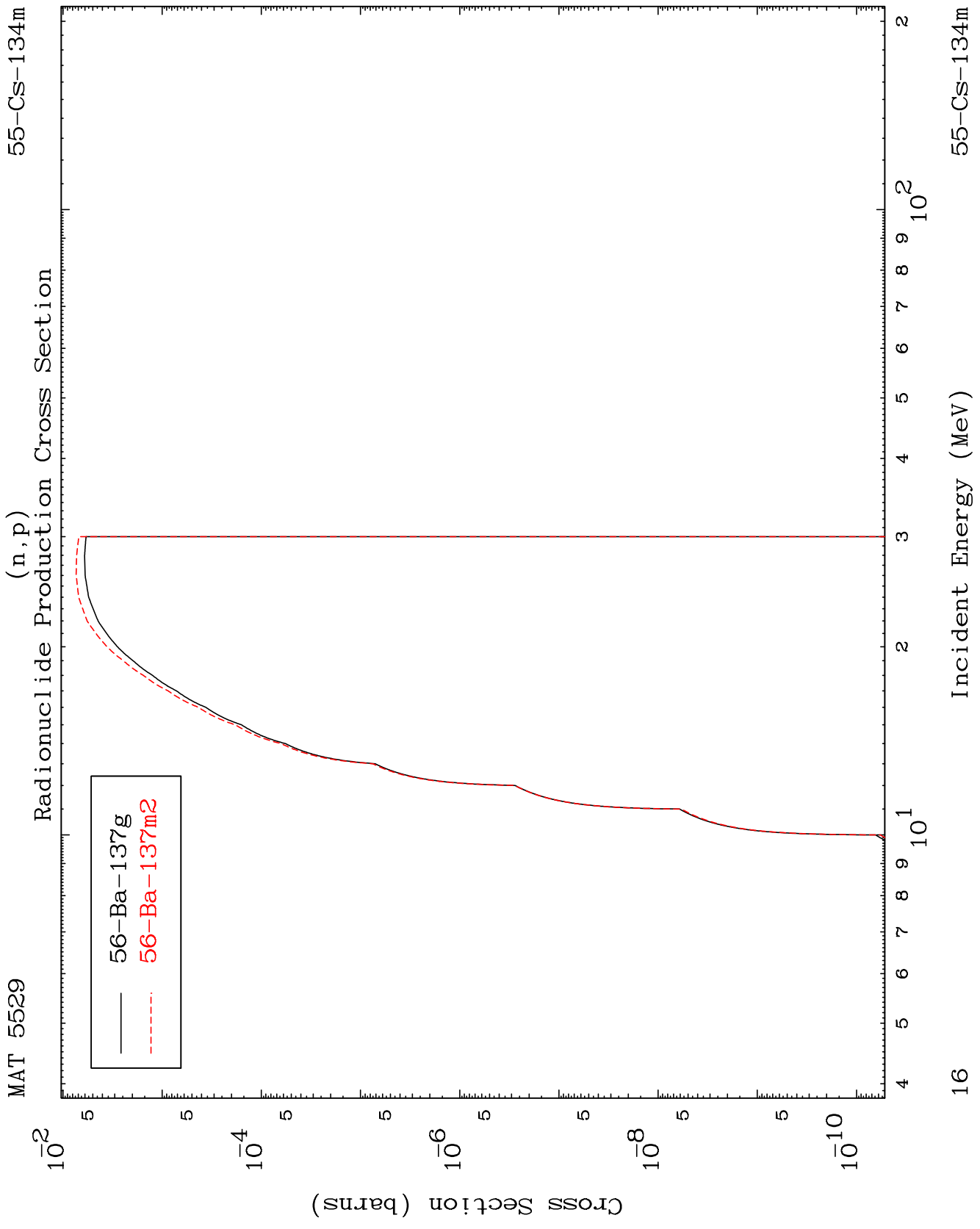
Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-134m

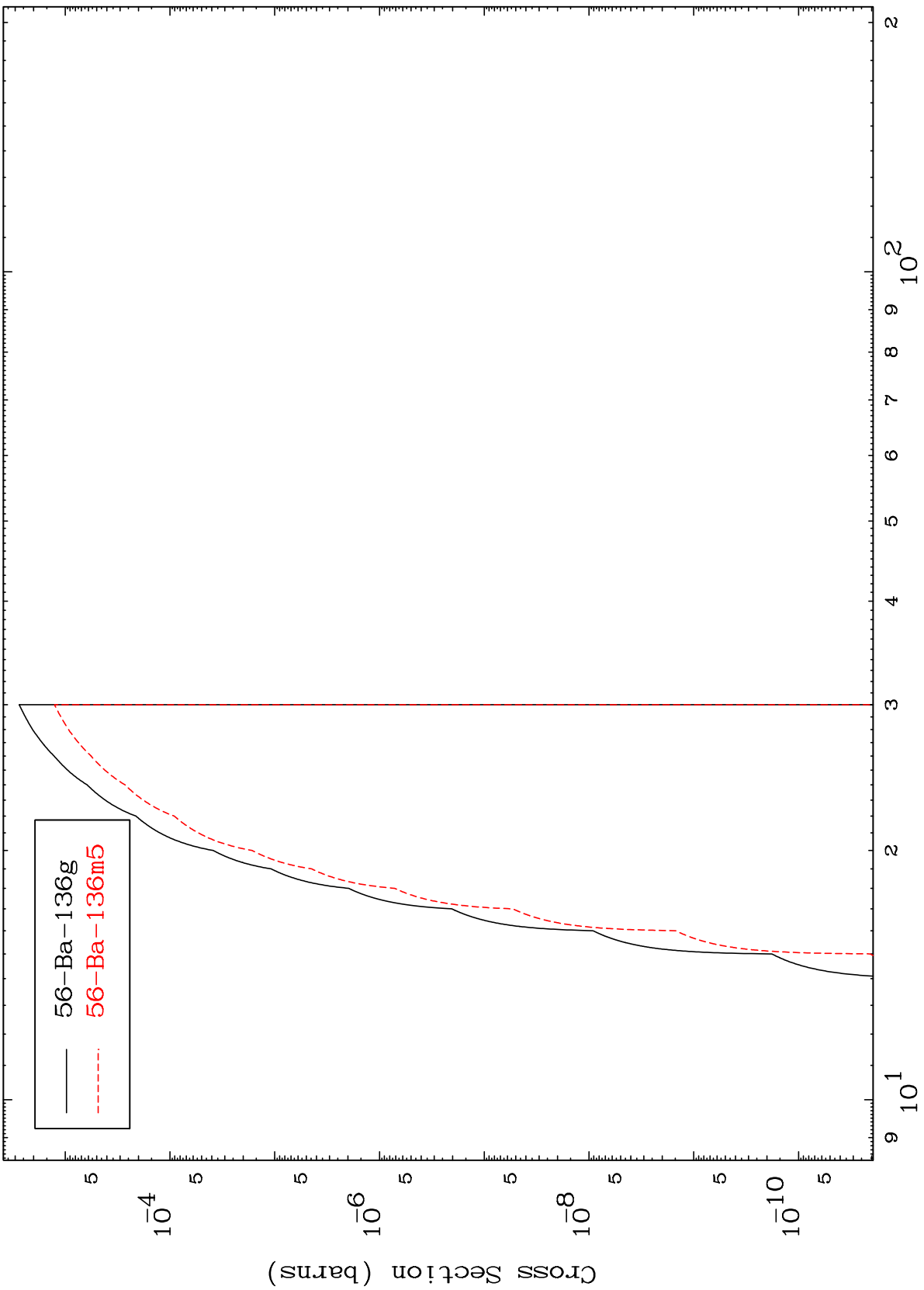


MAT 5529

(n,d)

55-Cs-134m

Radionuclide Production Cross Section



17

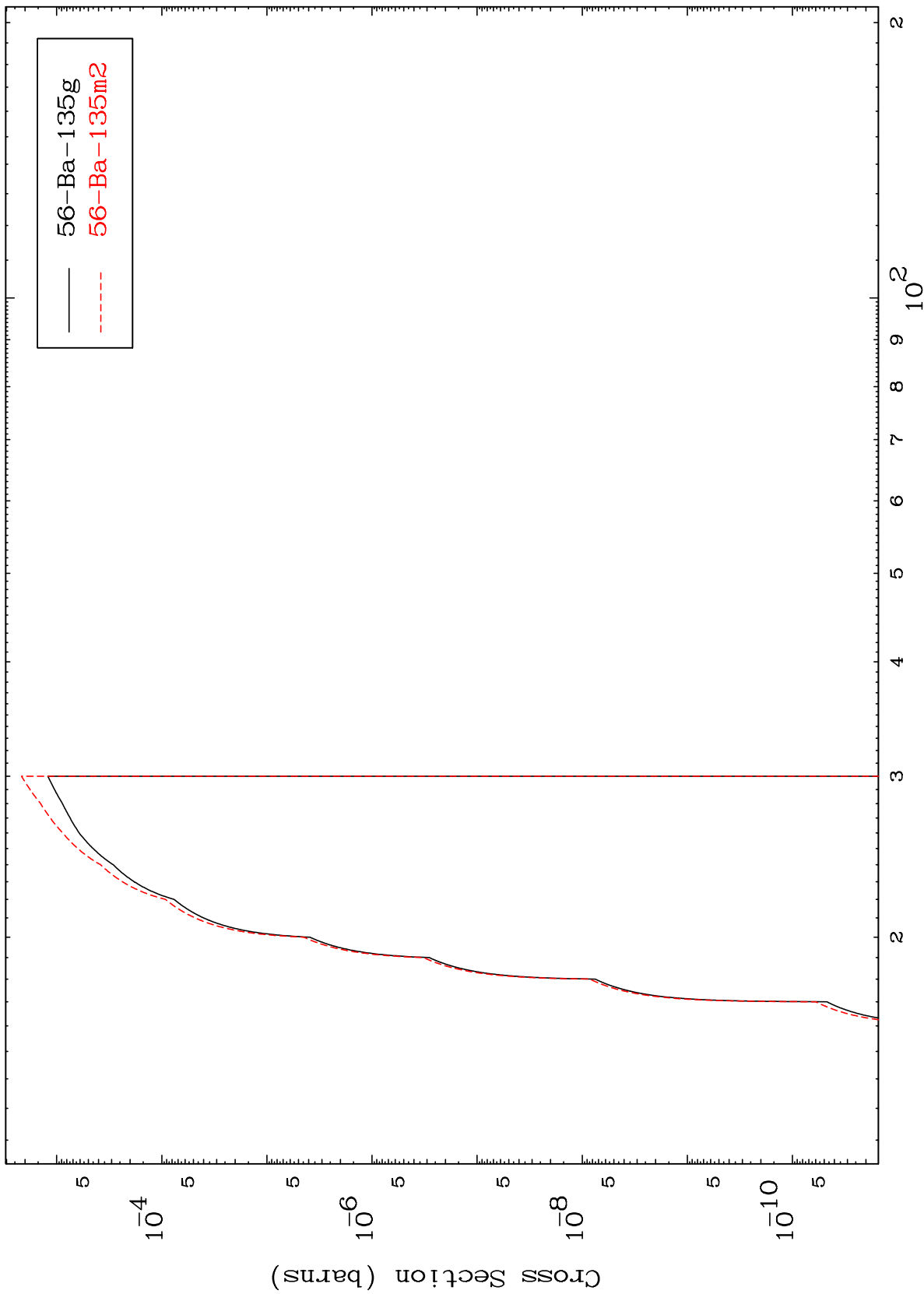
Incident Energy (MeV)

55-Cs-134m

MAT 5529

55-Cs-134m

(n, t)
Radionuclide Production Cross Section



18

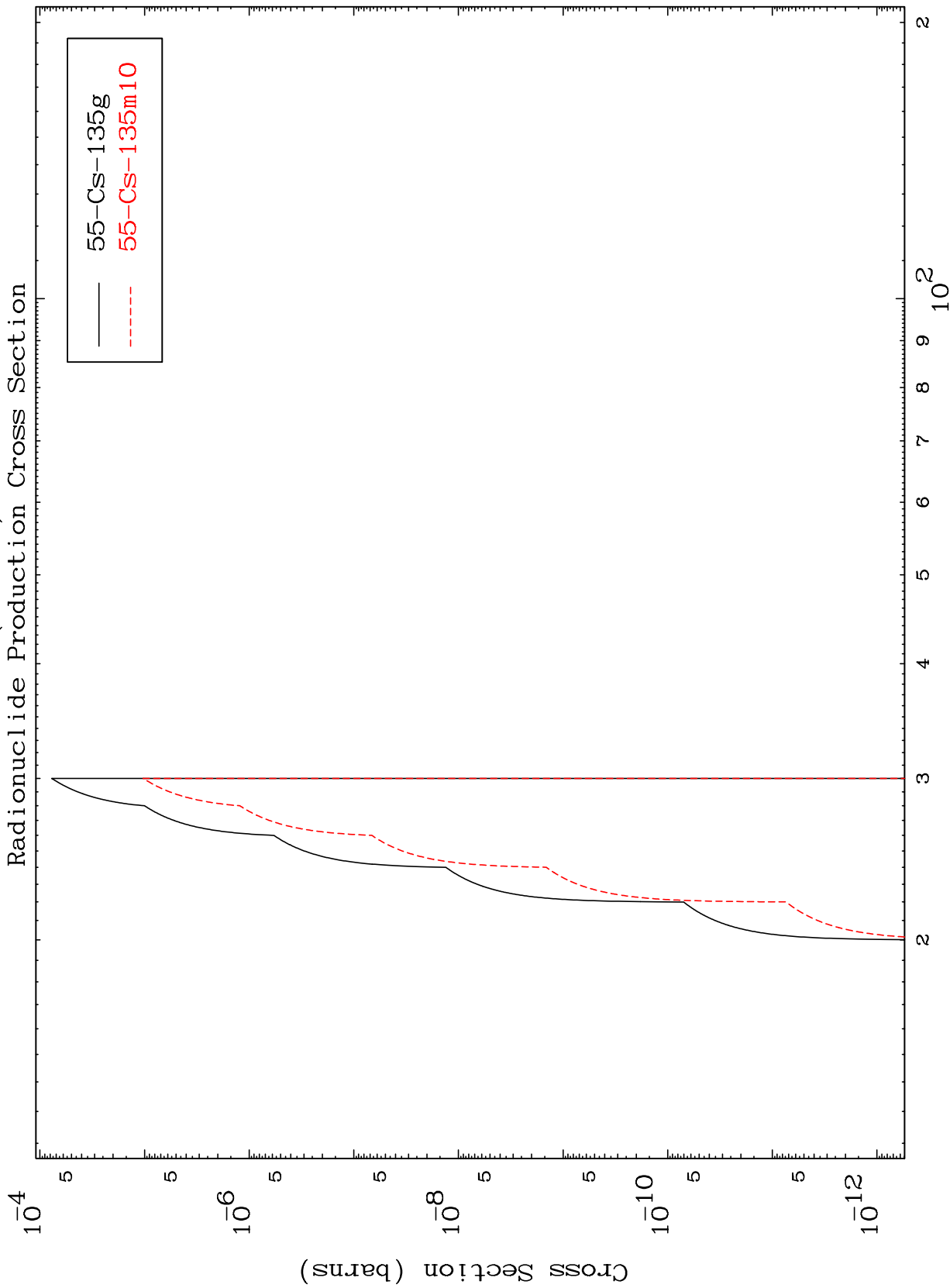
Incident Energy (MeV)

55-Cs-134m

MAT 5529

55-Cs-134m

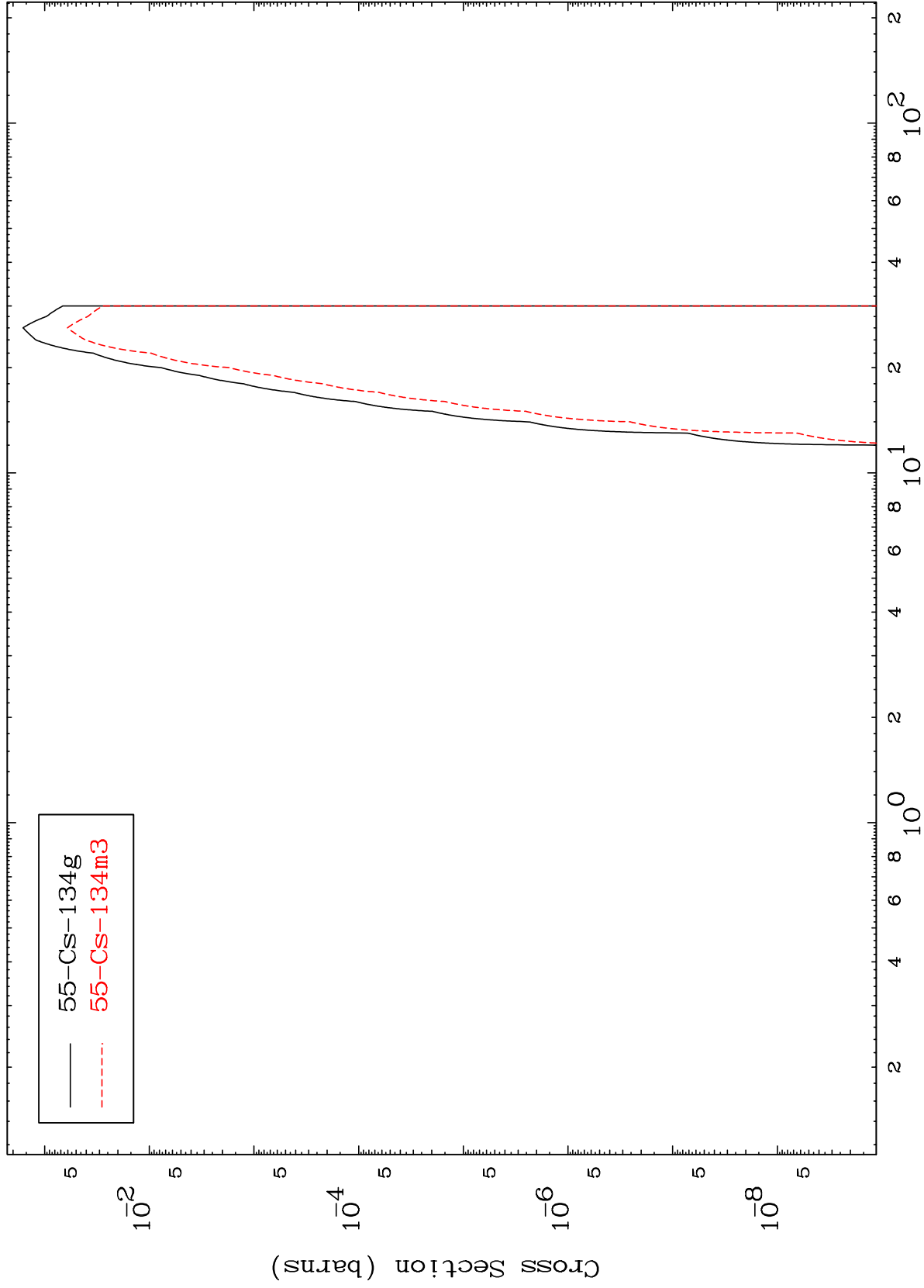
(n,He-3)
Radionuclide Production Cross Section



MAT 5529

55-Cs-134m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

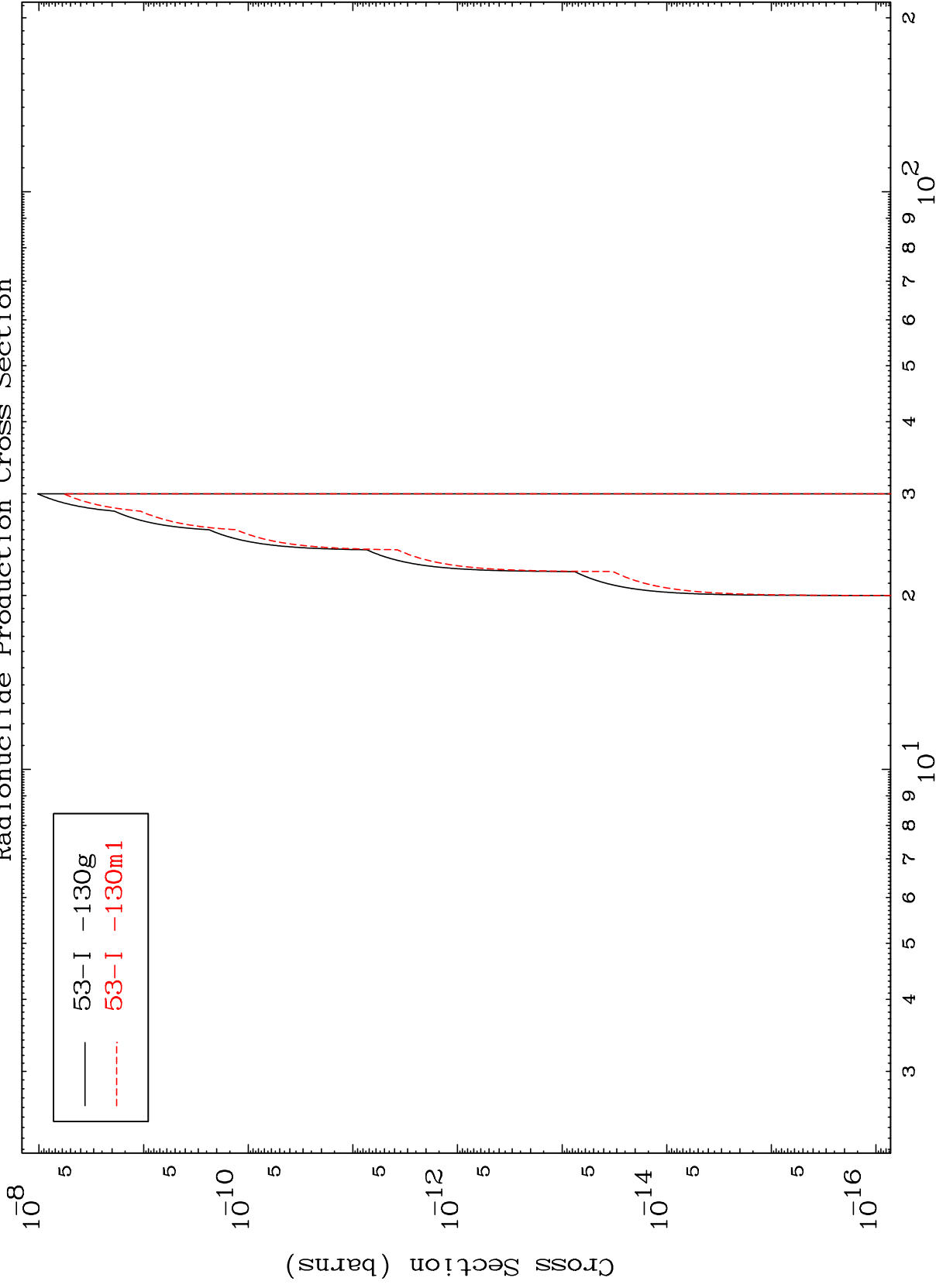
55-Cs-134m

MAT 5529

(n,2α)

55-Cs-134m

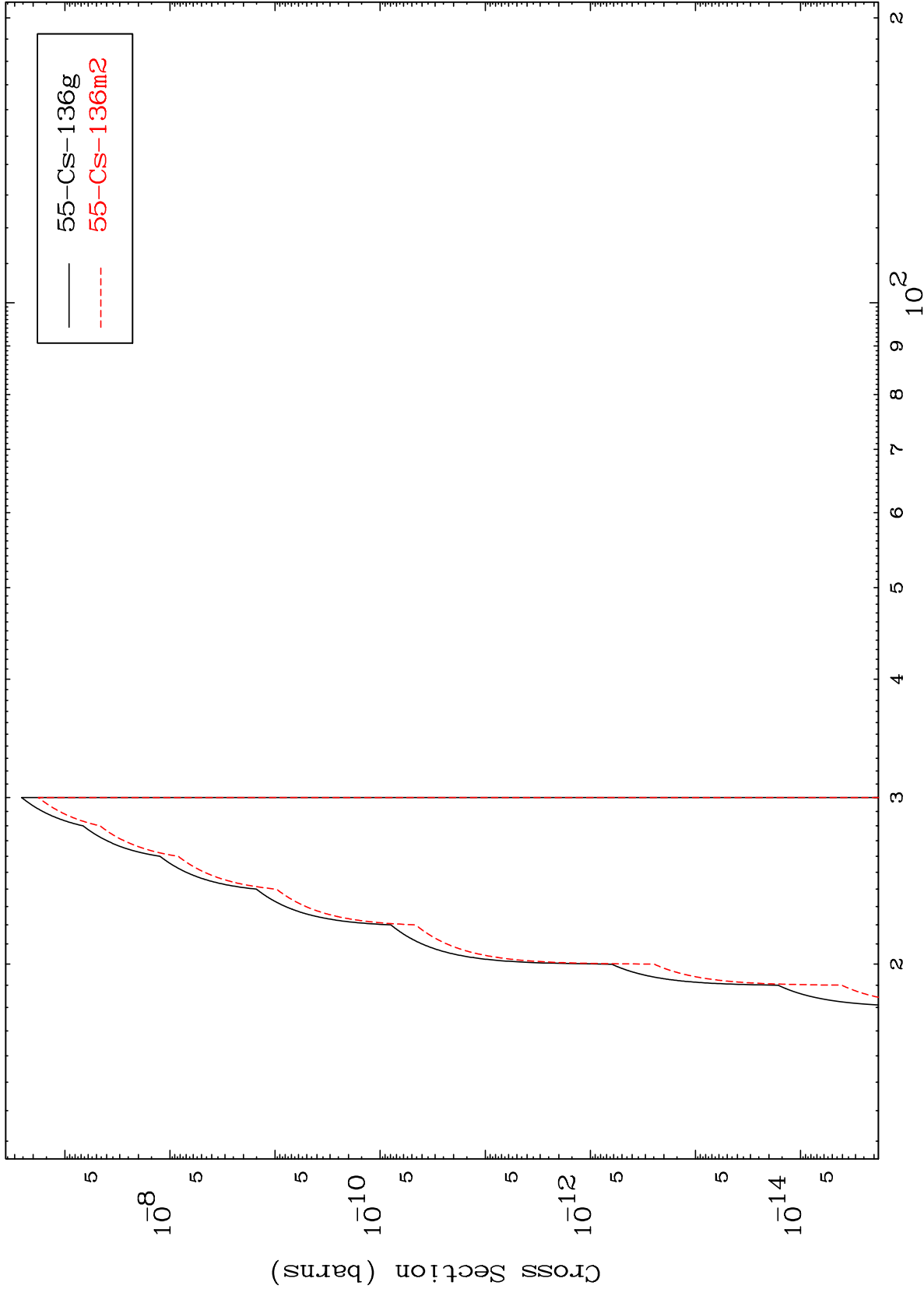
Radionuclide Production Cross Section



MAT 5529

55-Cs-134m

(n,2p)
Radionuclide Production Cross Section



22

55-Cs-134m

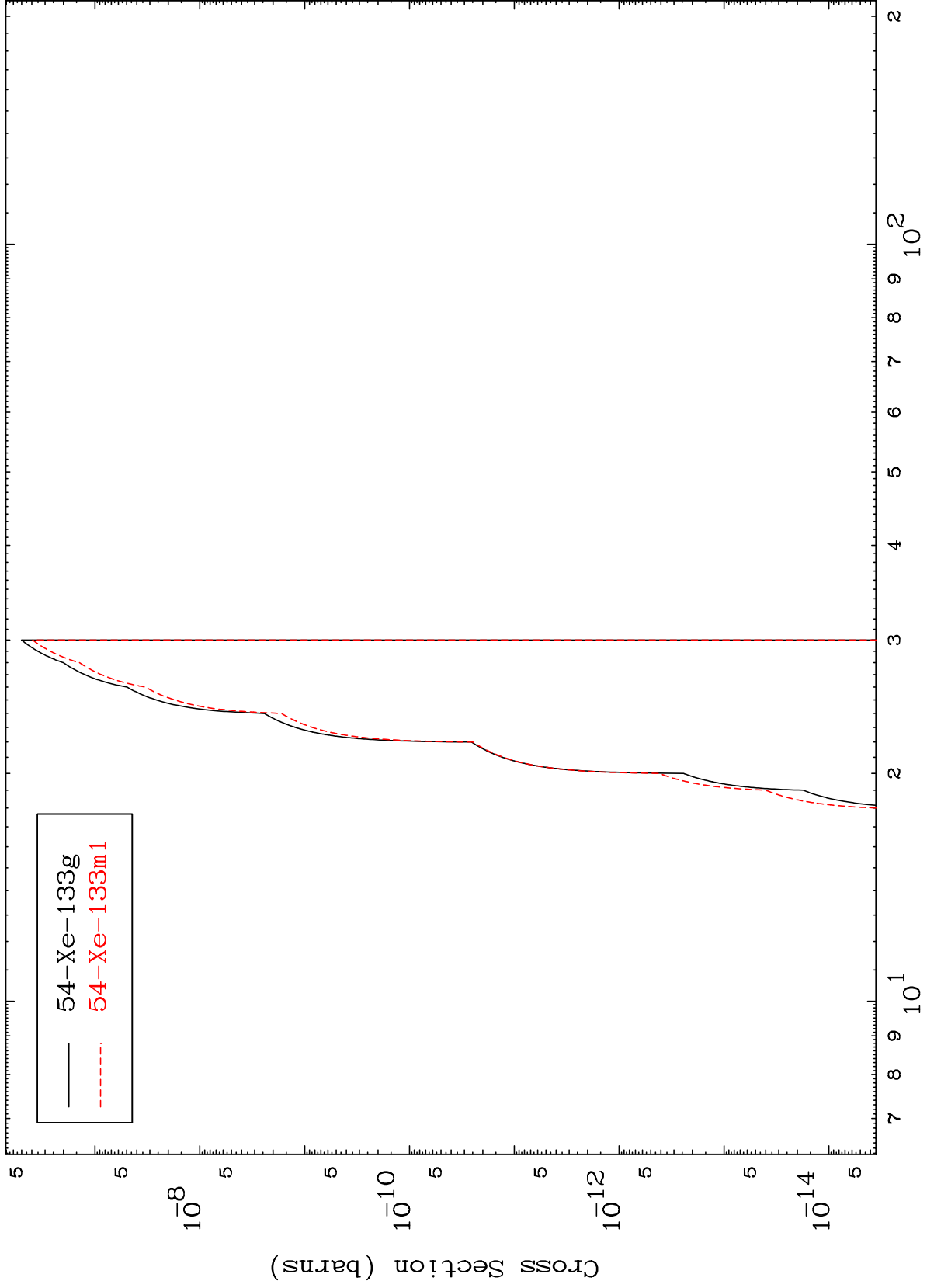
Incident Energy (MeV)

MAT 5529

(n,p) α

55-Cs-134m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

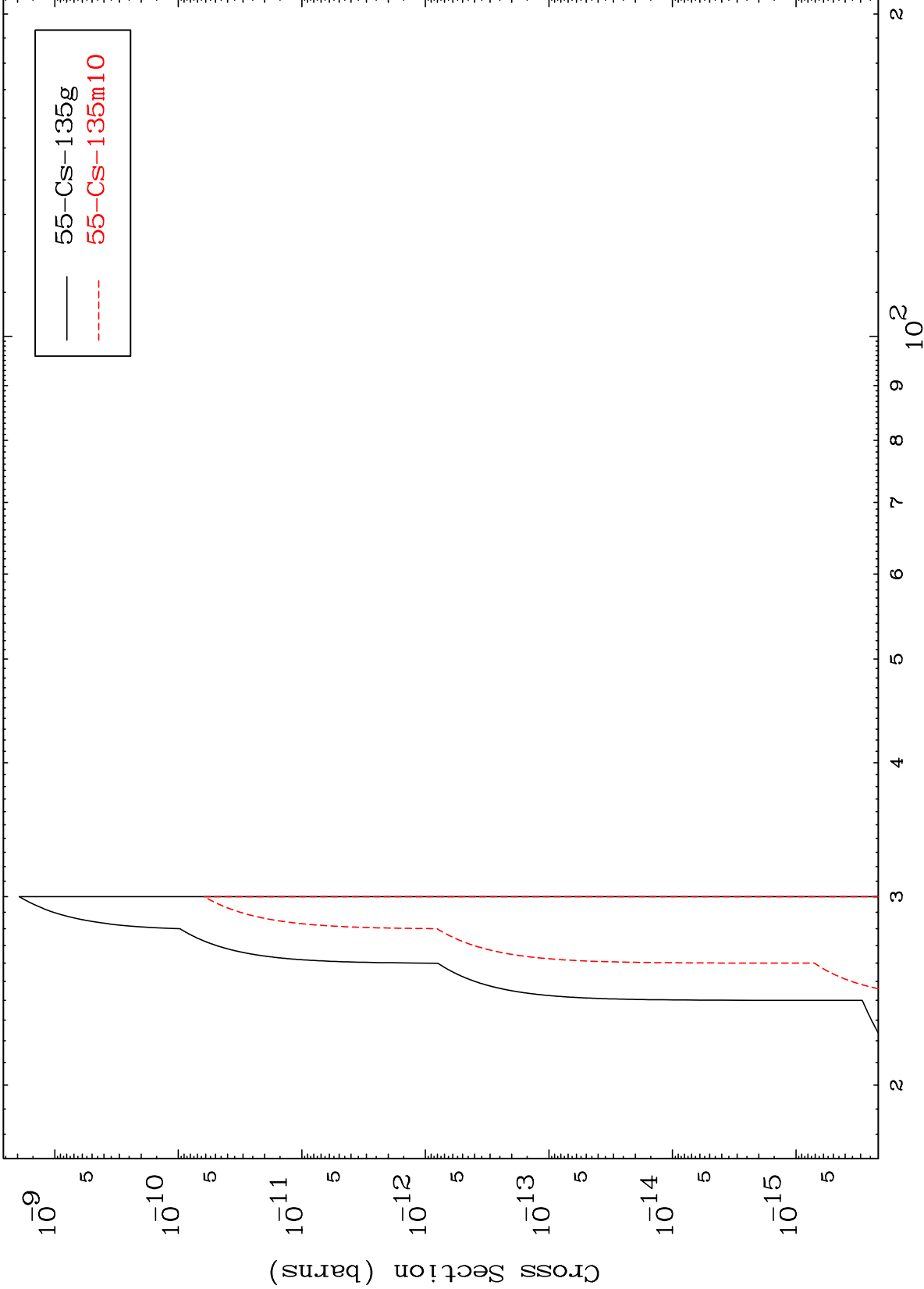
55-Cs-134m

MAT 5529

(n,p) d

55-Cs-134m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

55-Cs-134m