

Program EVALPLOT
(Version 2021-1)

by

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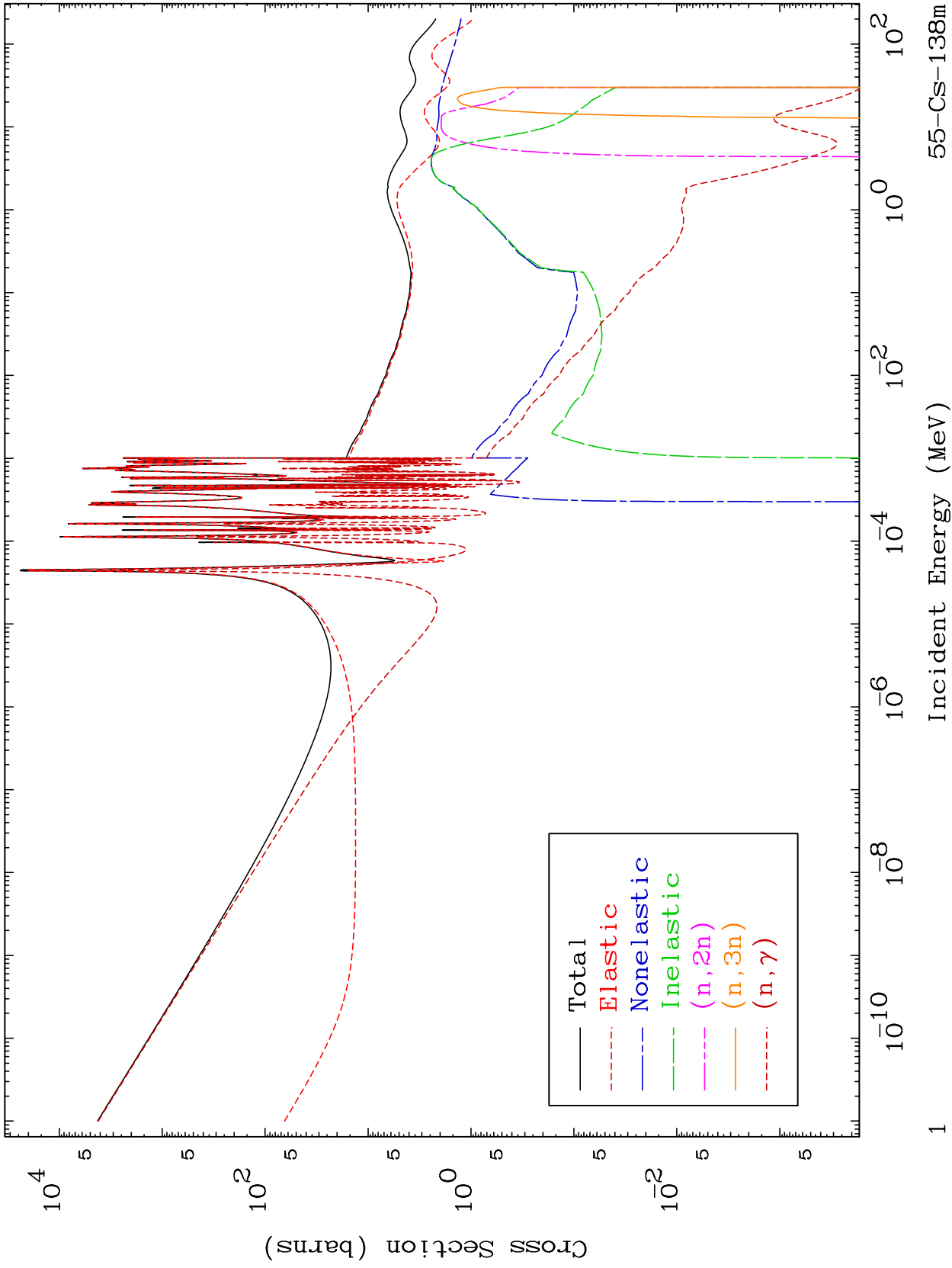
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5541

Neutron Major
293 Kelvin Cross Sections

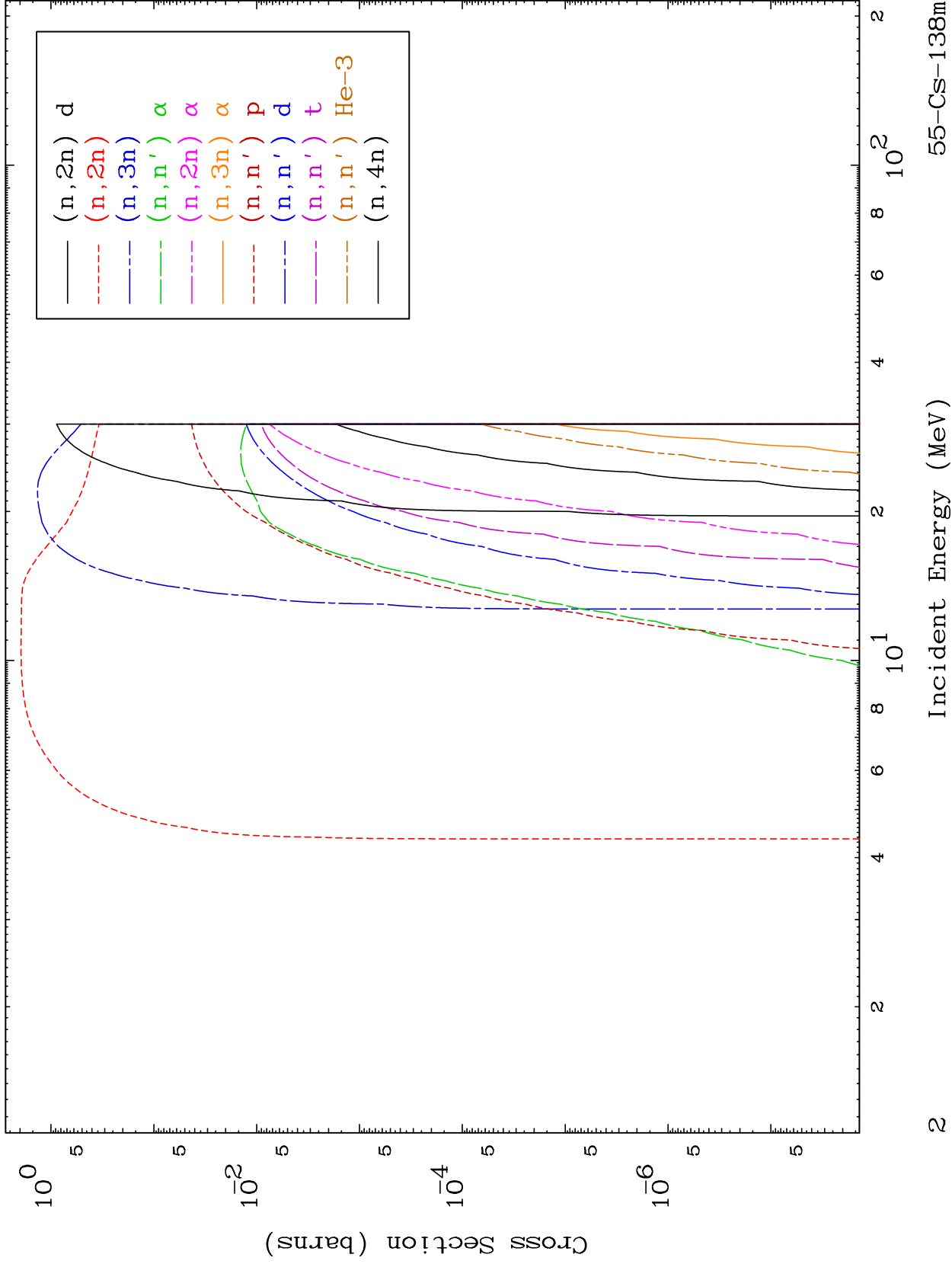
55-Cs-138m



MAT 5541

Neutron Absorption
293 Kelvin Cross Sections

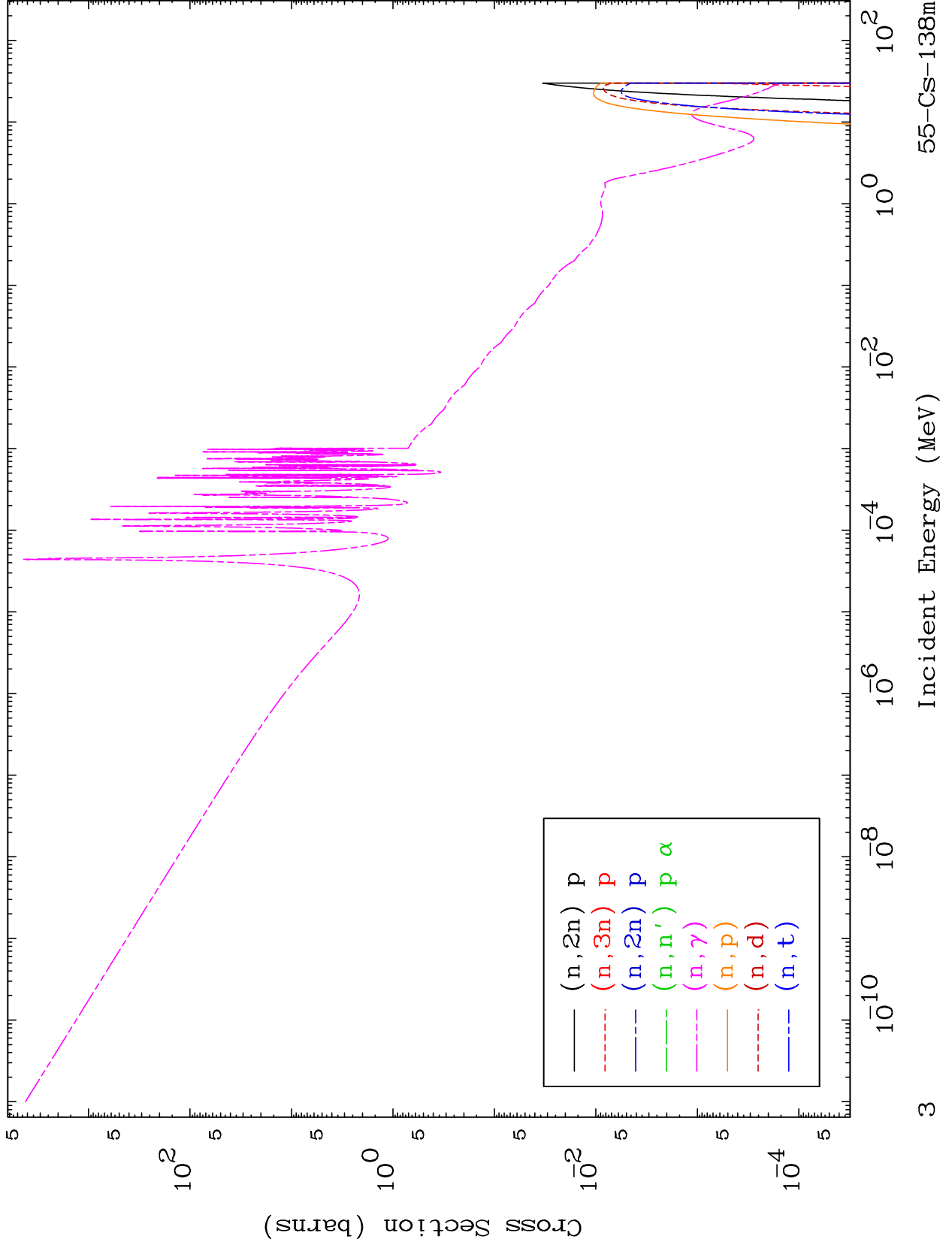
55-Cs-138m



MAT 5541

Neutron Absorption
293 Kelvin Cross Sections

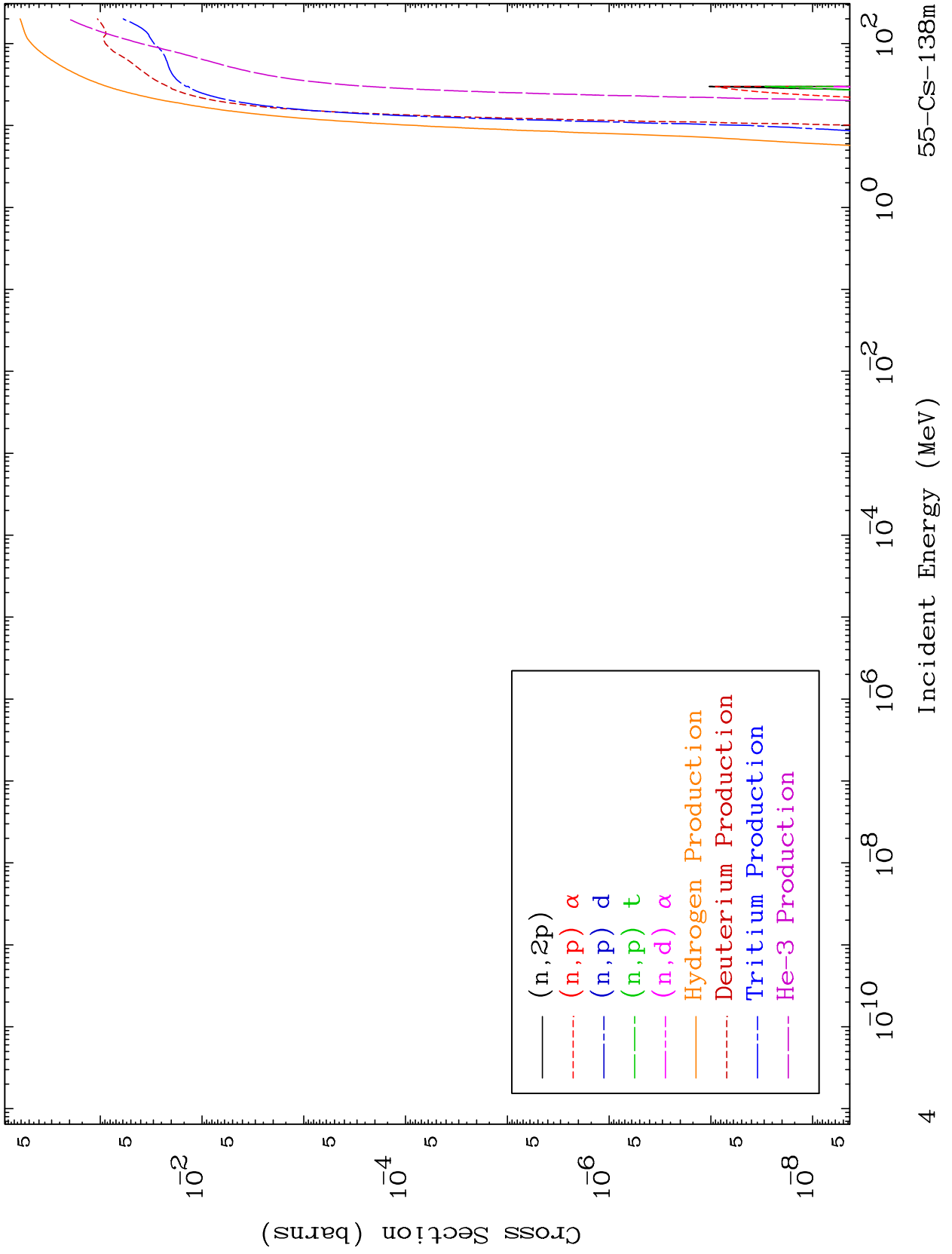
55-Cs-138m



MAT 5541

Neutron Absorption
293 Kelvin Cross Sections

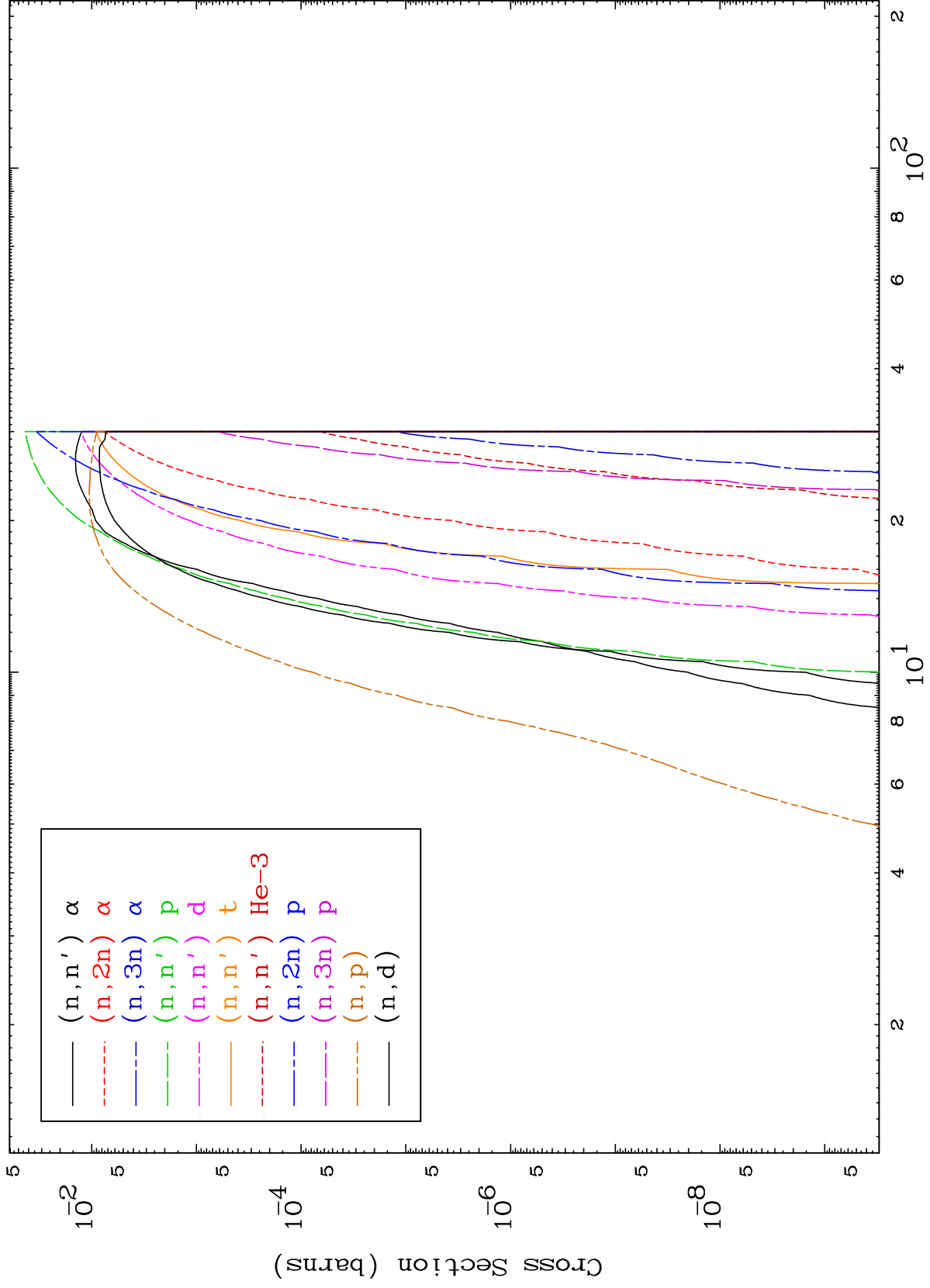
55-Cs-138m



MAT 5541

Charged Particle
293 Kelvin Cross Sections

55-Cs-138m



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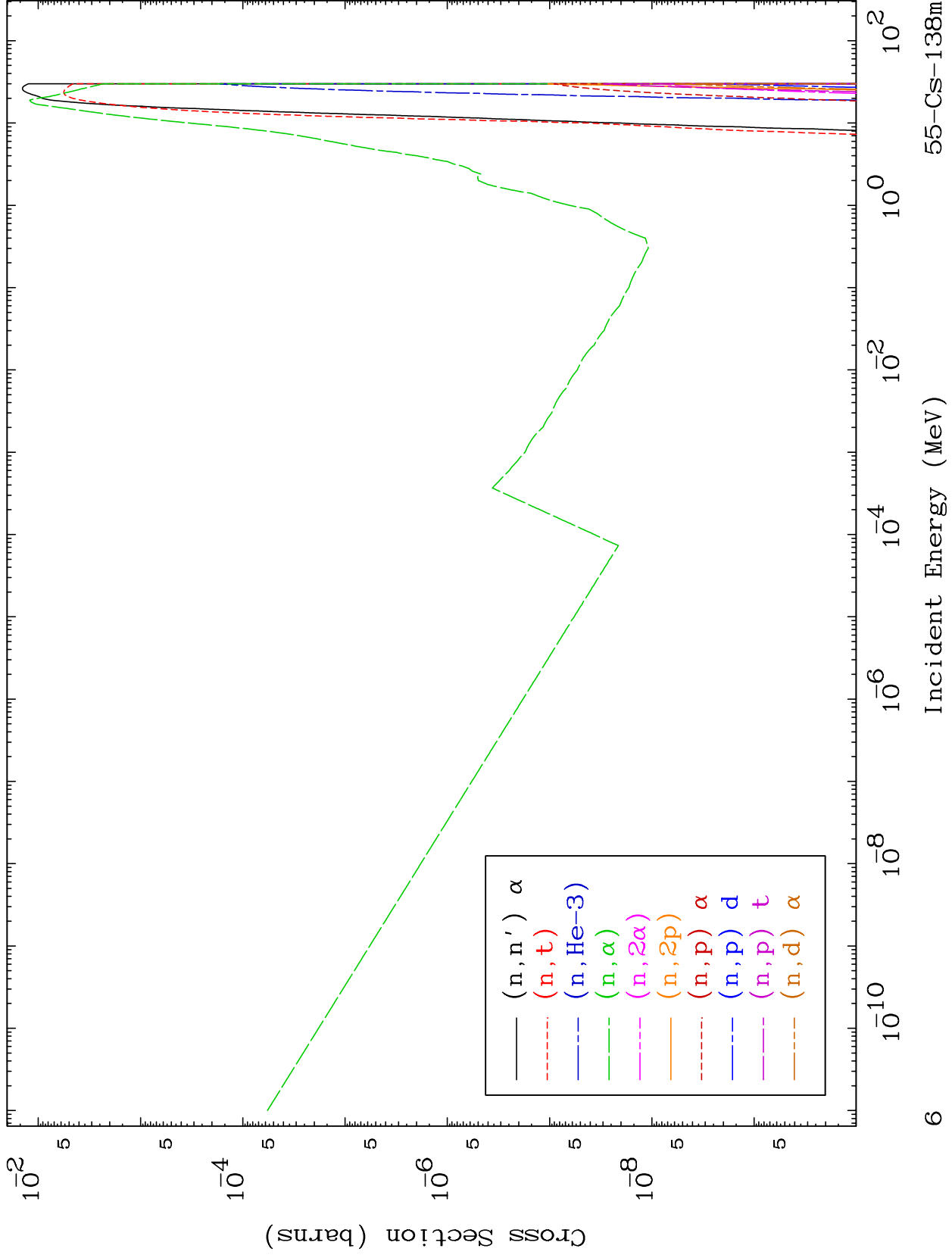
Incident Energy (MeV)

55-Cs-138m

MAT 5541

Charged Particle
293 Kelvin Cross Sections

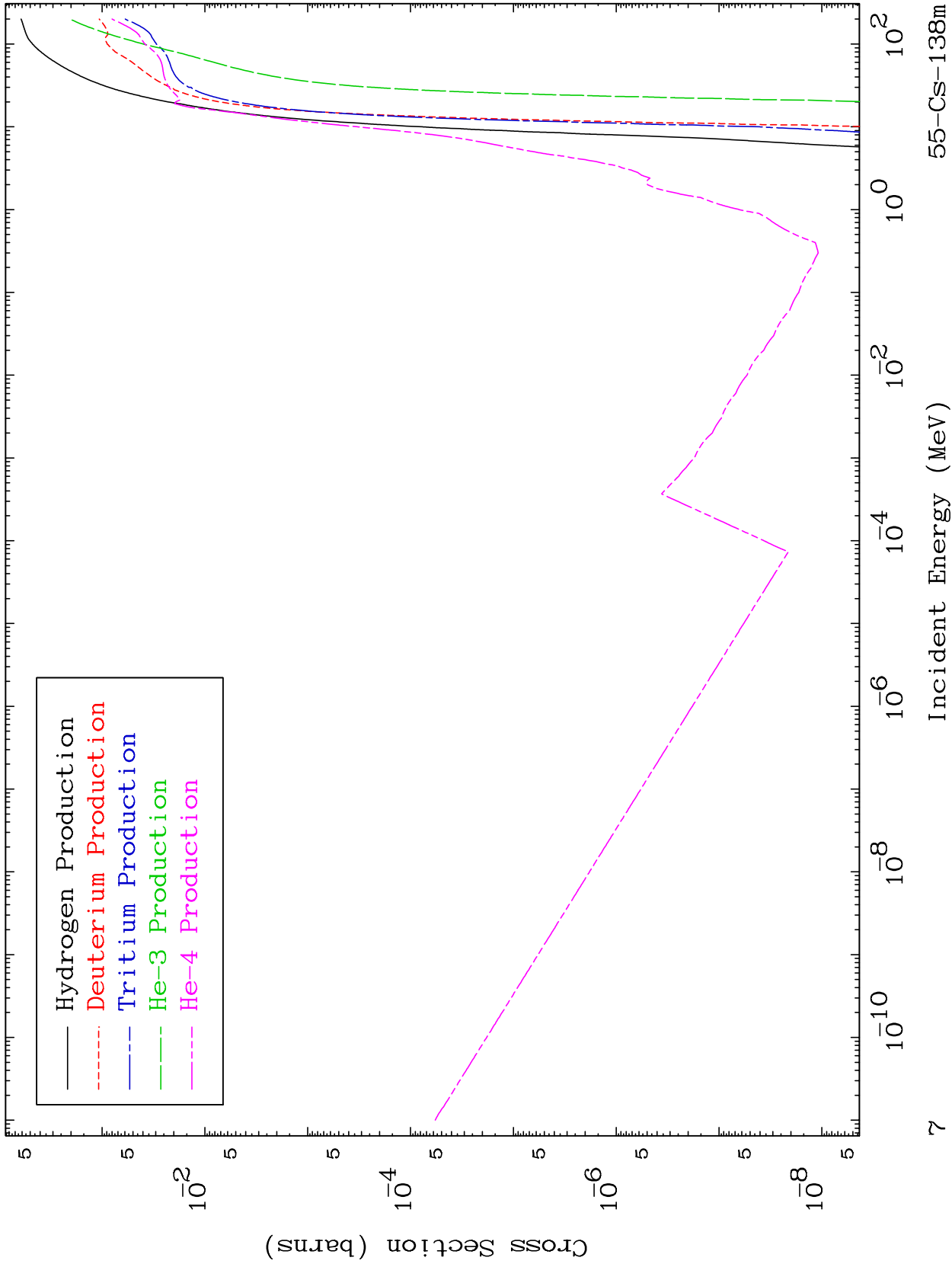
55-Cs-138m



MAT 5541

Particle Production
293 Kelvin Cross Sections

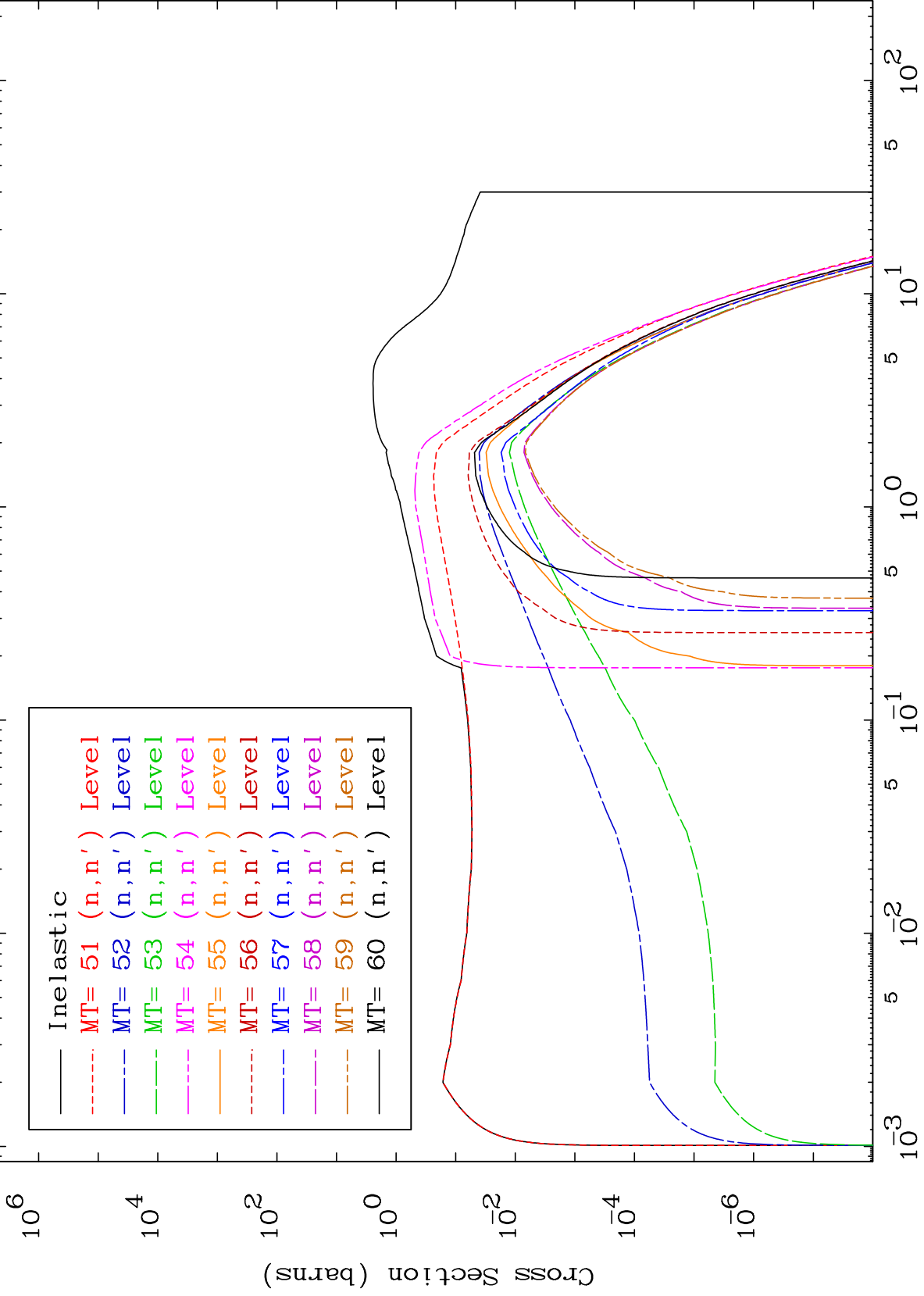
55-Cs-138m



MAT 5541

(n,n') Levels
293 Kelvin Cross Sections

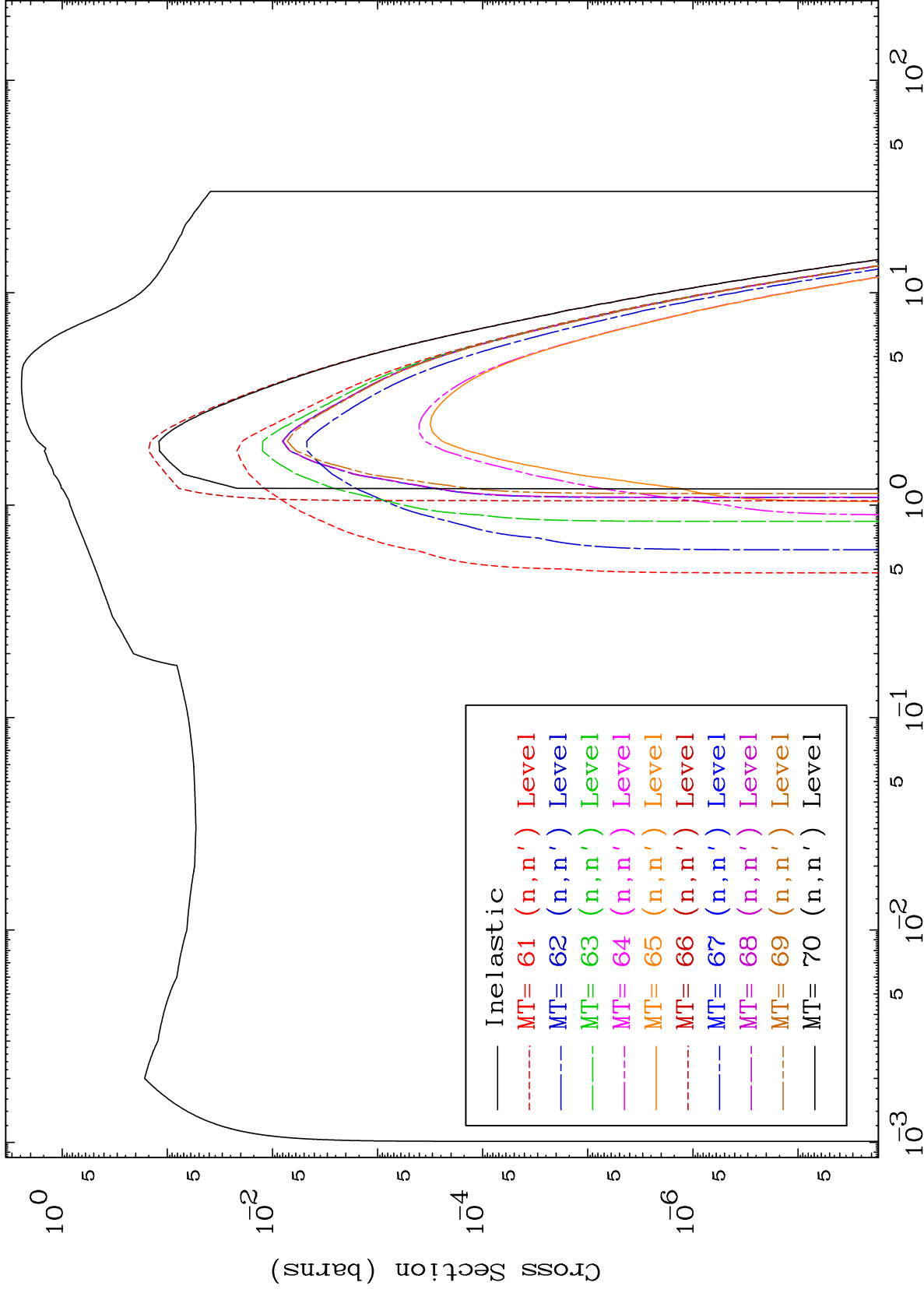
55-Cs-138m



MAT 5541

(n,n') Levels
293 Kelvin Cross Sections

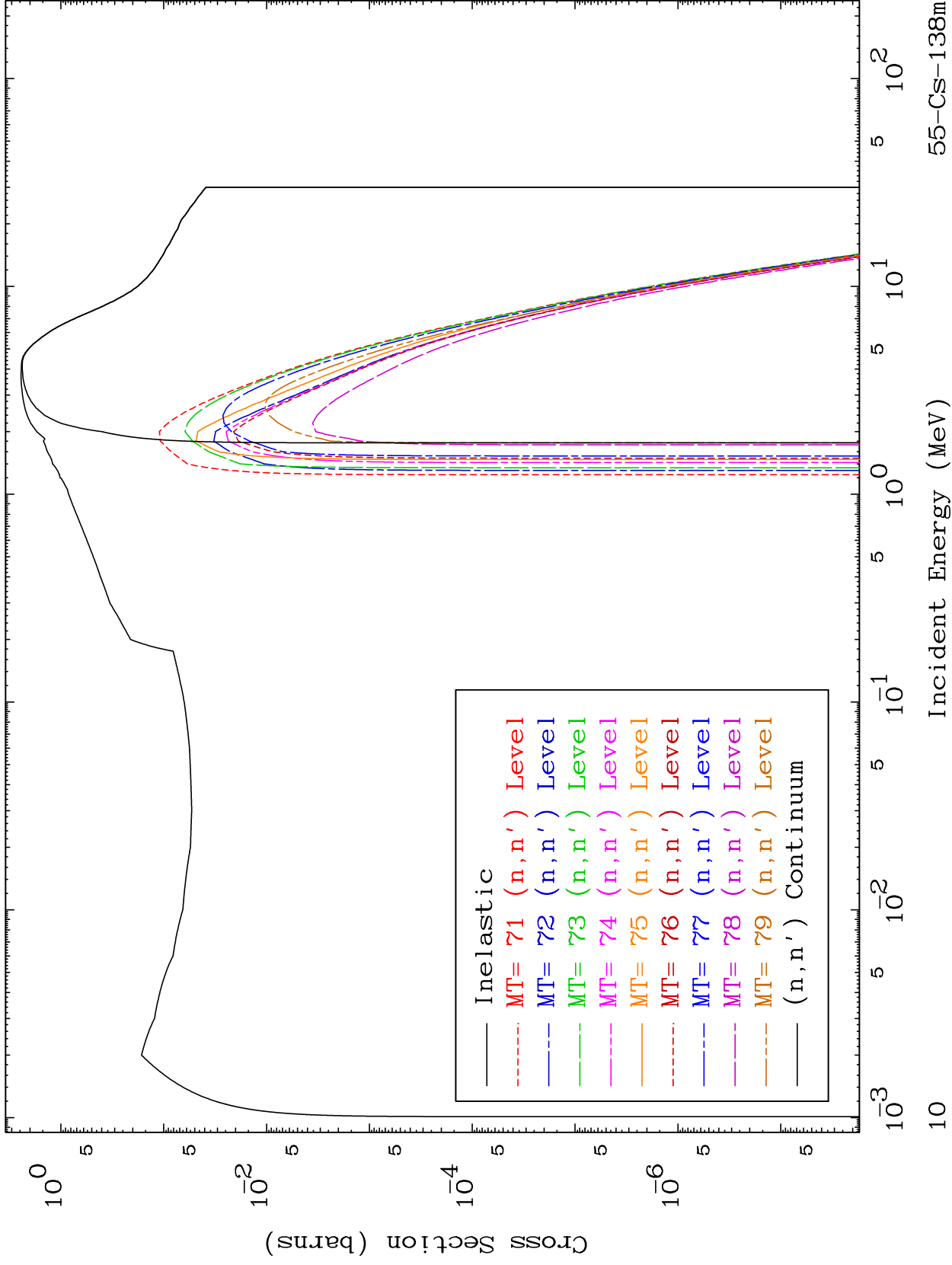
55-Cs-138m



MAT 5541

(n,n') Levels
293 Kelvin Cross Sections

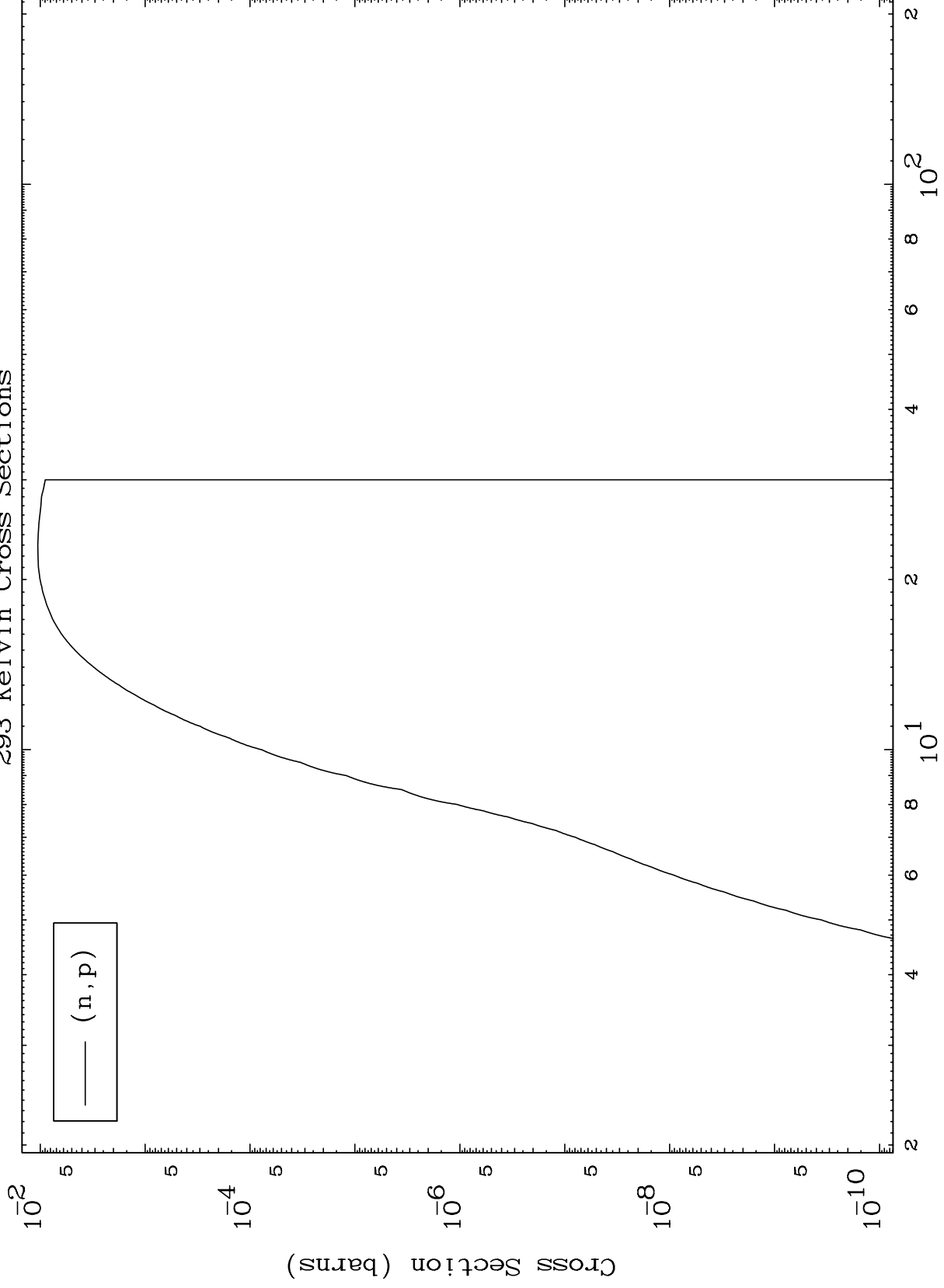
55-Cs-138m



MAT 5541

(n,p) Levels
293 Kelvin Cross Sections

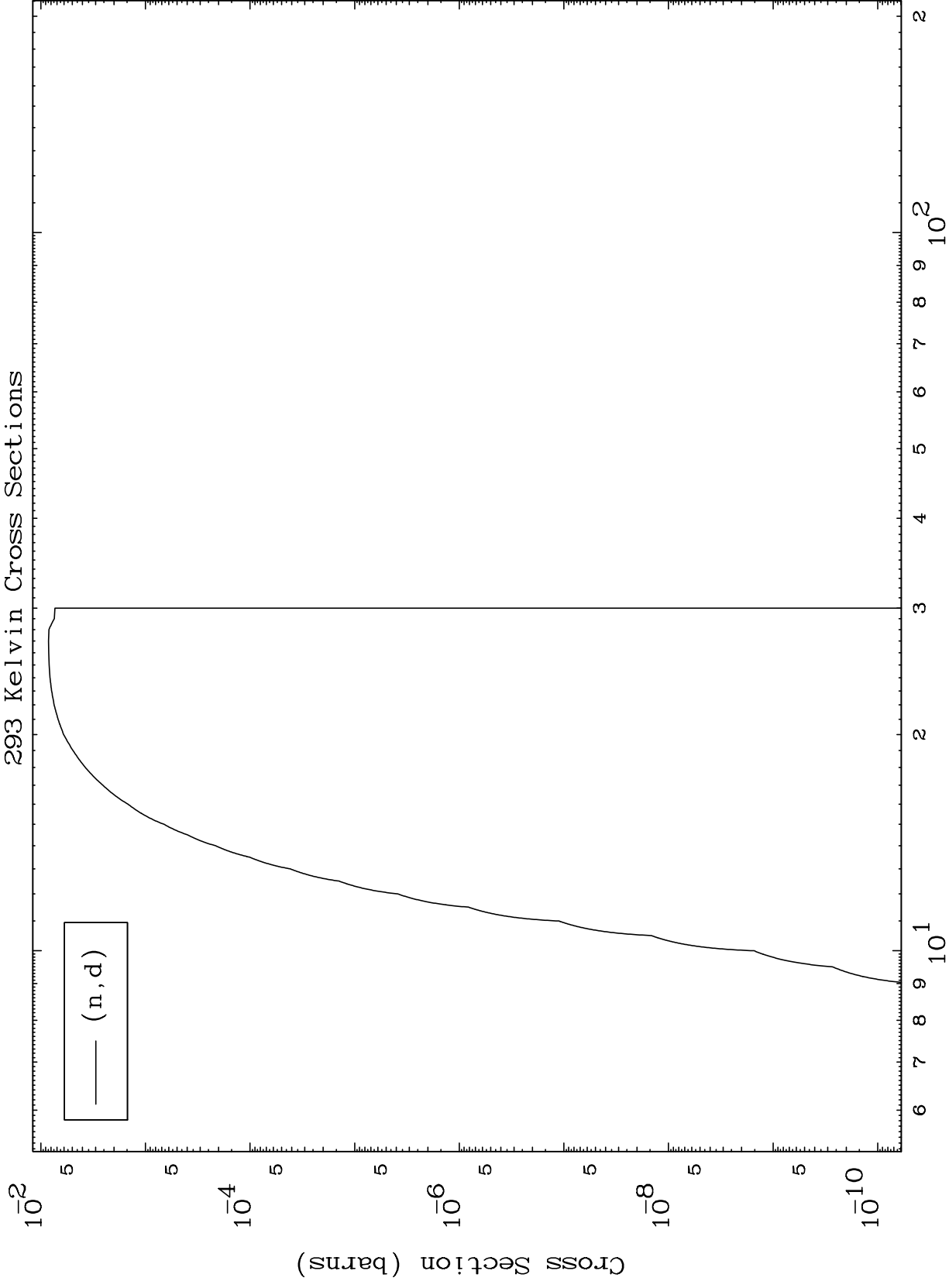
55-Cs-138m



MAT 5541

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-138m



12

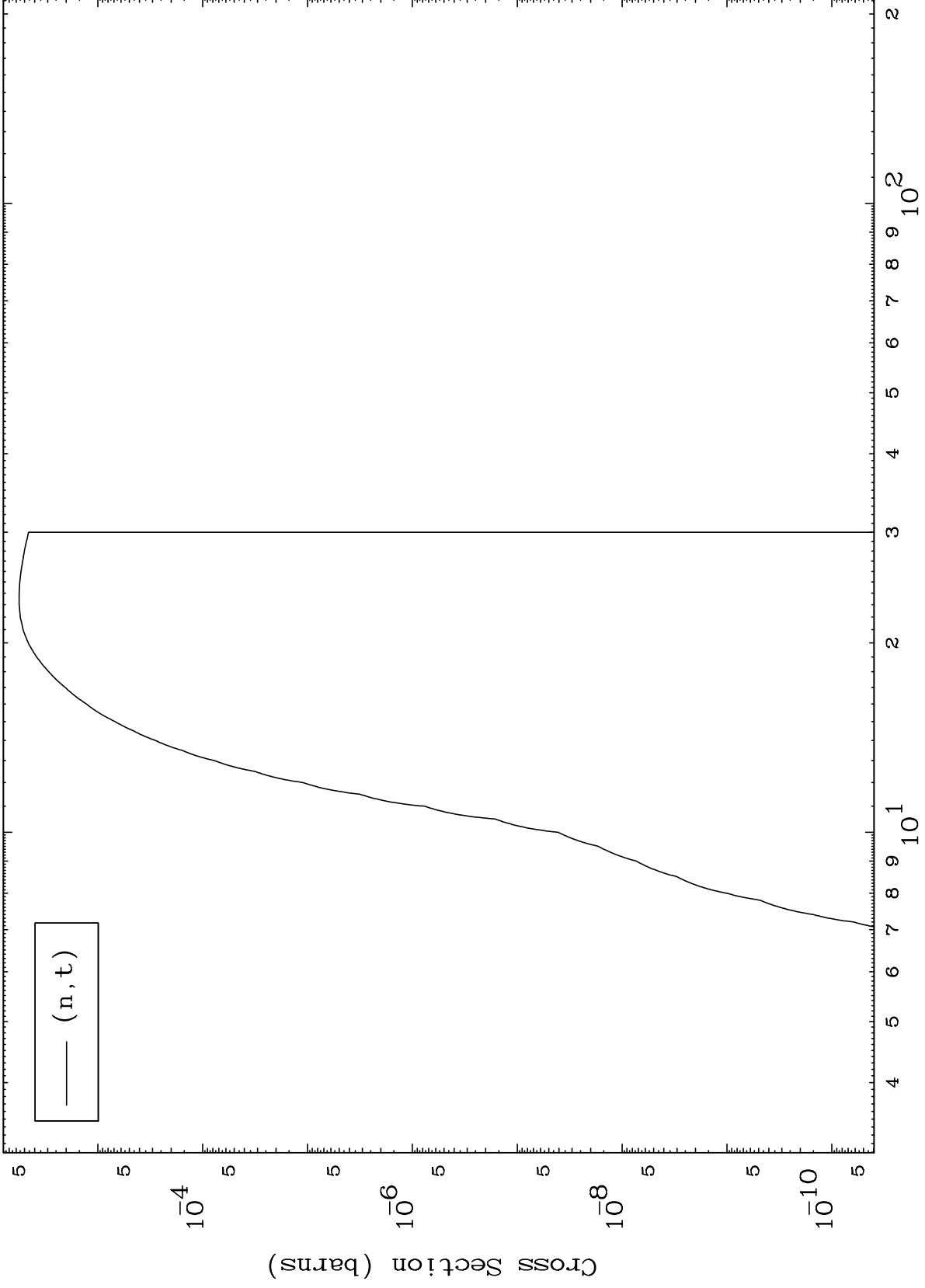
Incident Energy (MeV)

55-Cs-138m

MAT 5541

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-138m



13

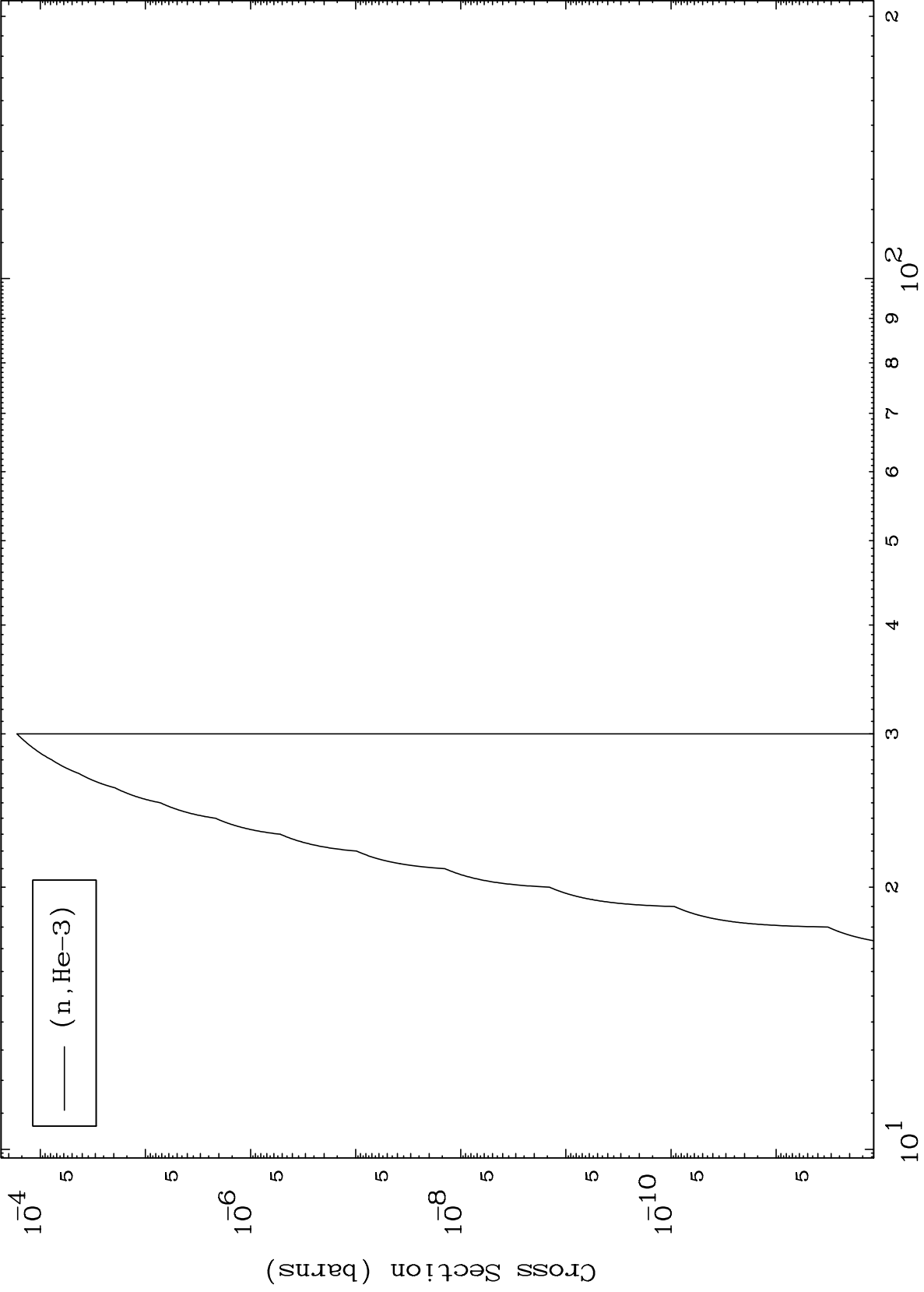
Incident Energy (MeV)

55-Cs-138m

MAT 5541

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-138m



14

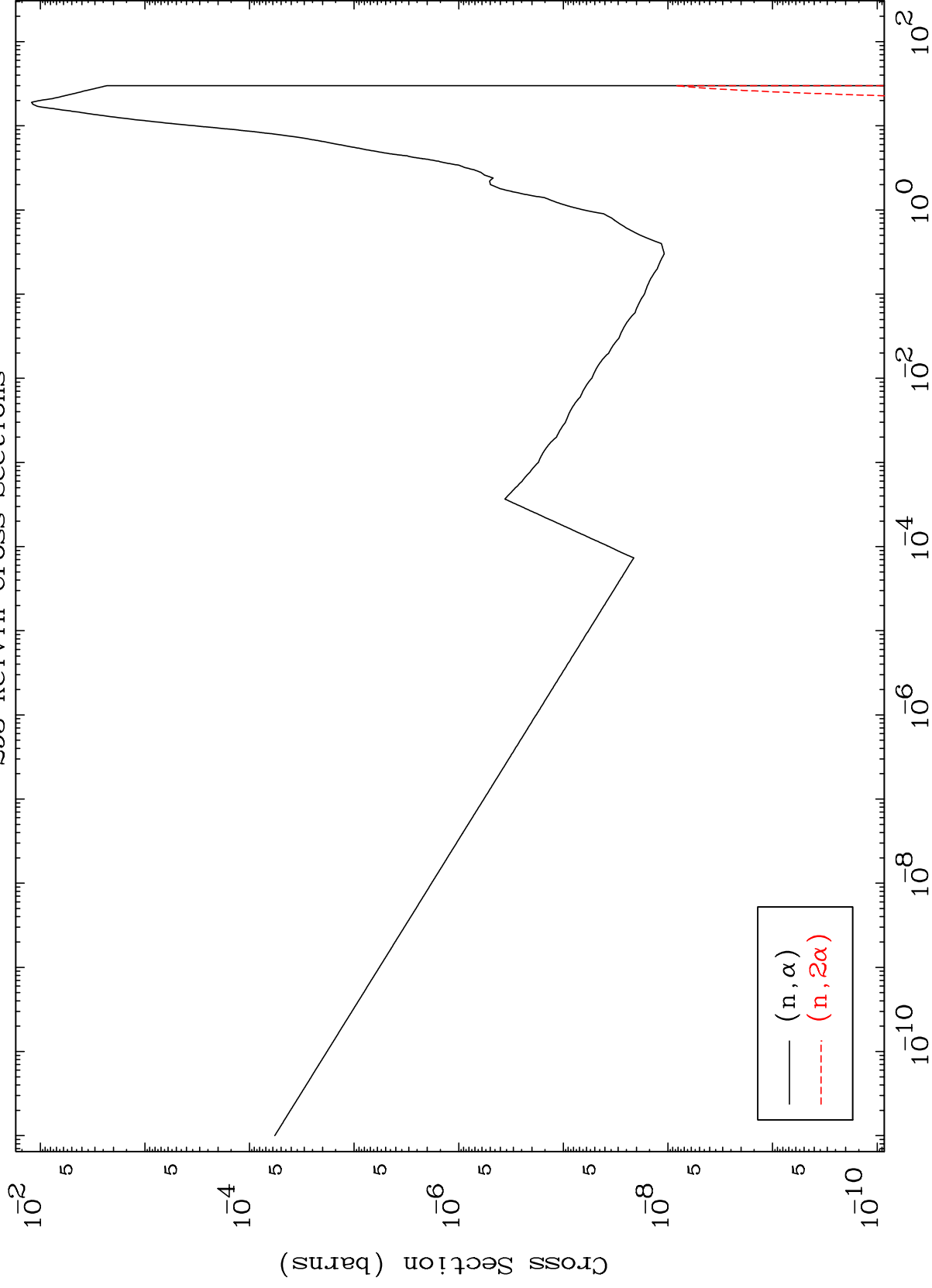
Incident Energy (MeV)

55-Cs-138m

MAT 5541

(n,α) Levels
293 Kelvin Cross Sections

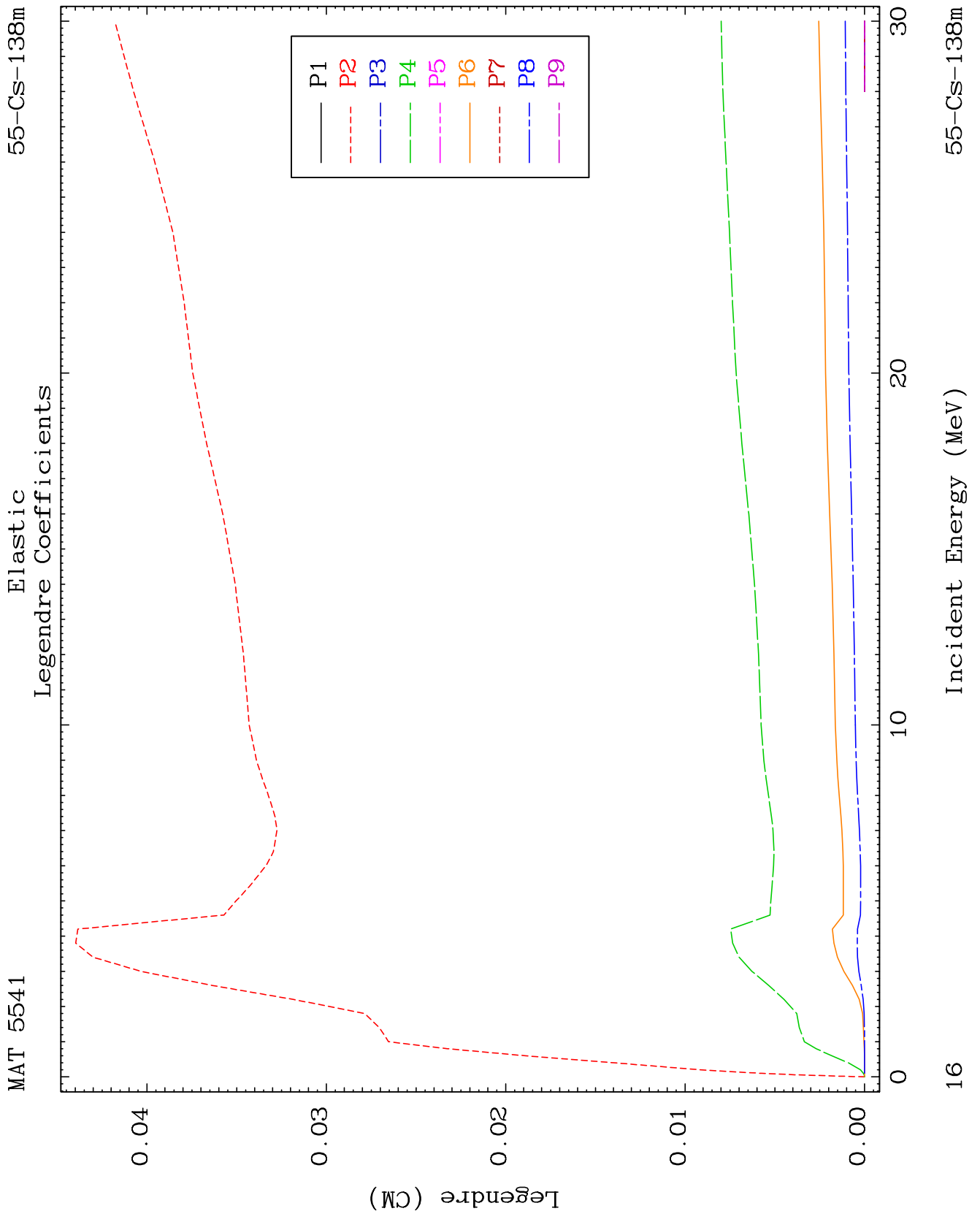
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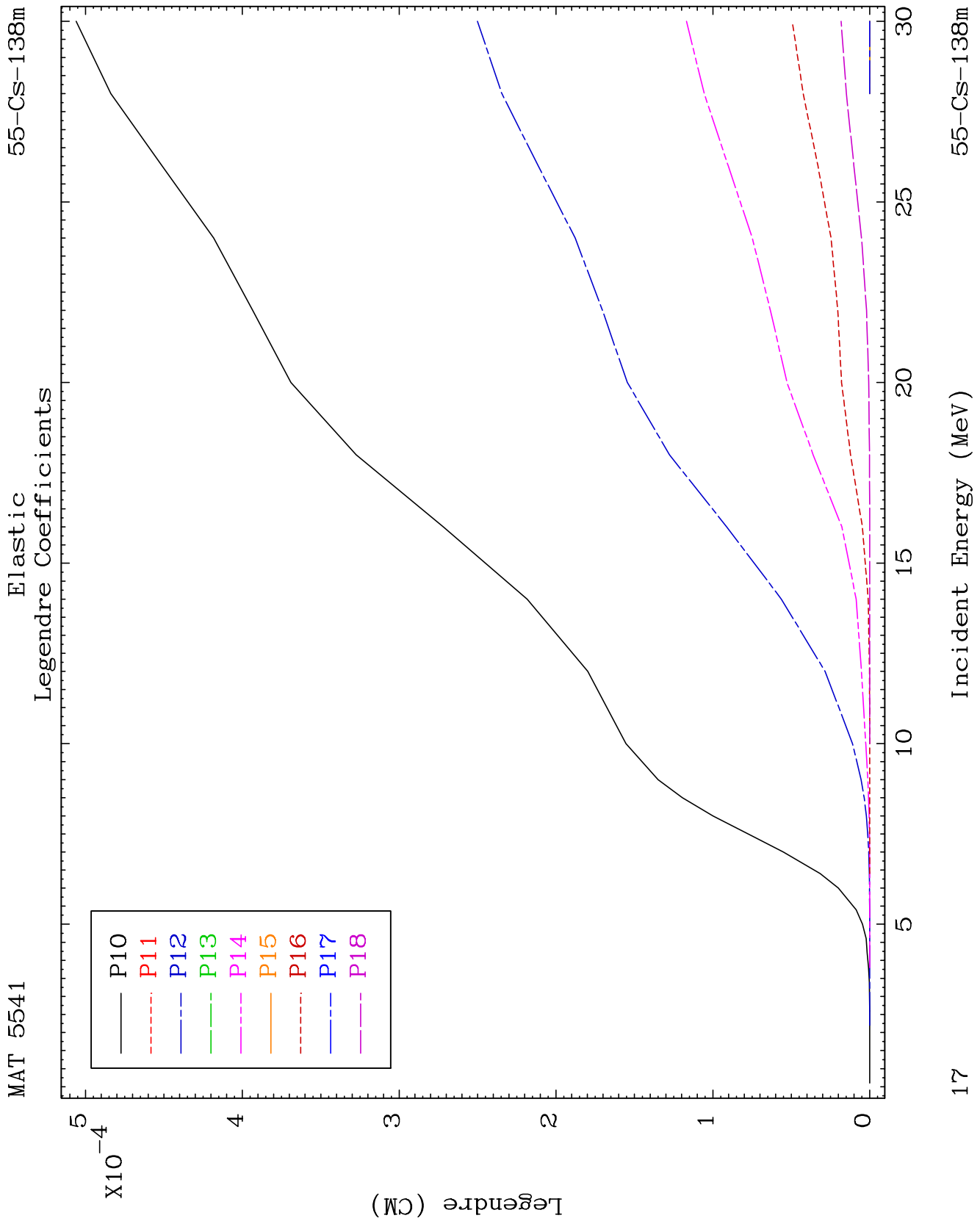


15

Incident Energy (MeV)

55-Cs-138m





MAT 5541

Elastic
Legendre Coefficients

55-Cs-138m



18

Incident Energy (MeV)

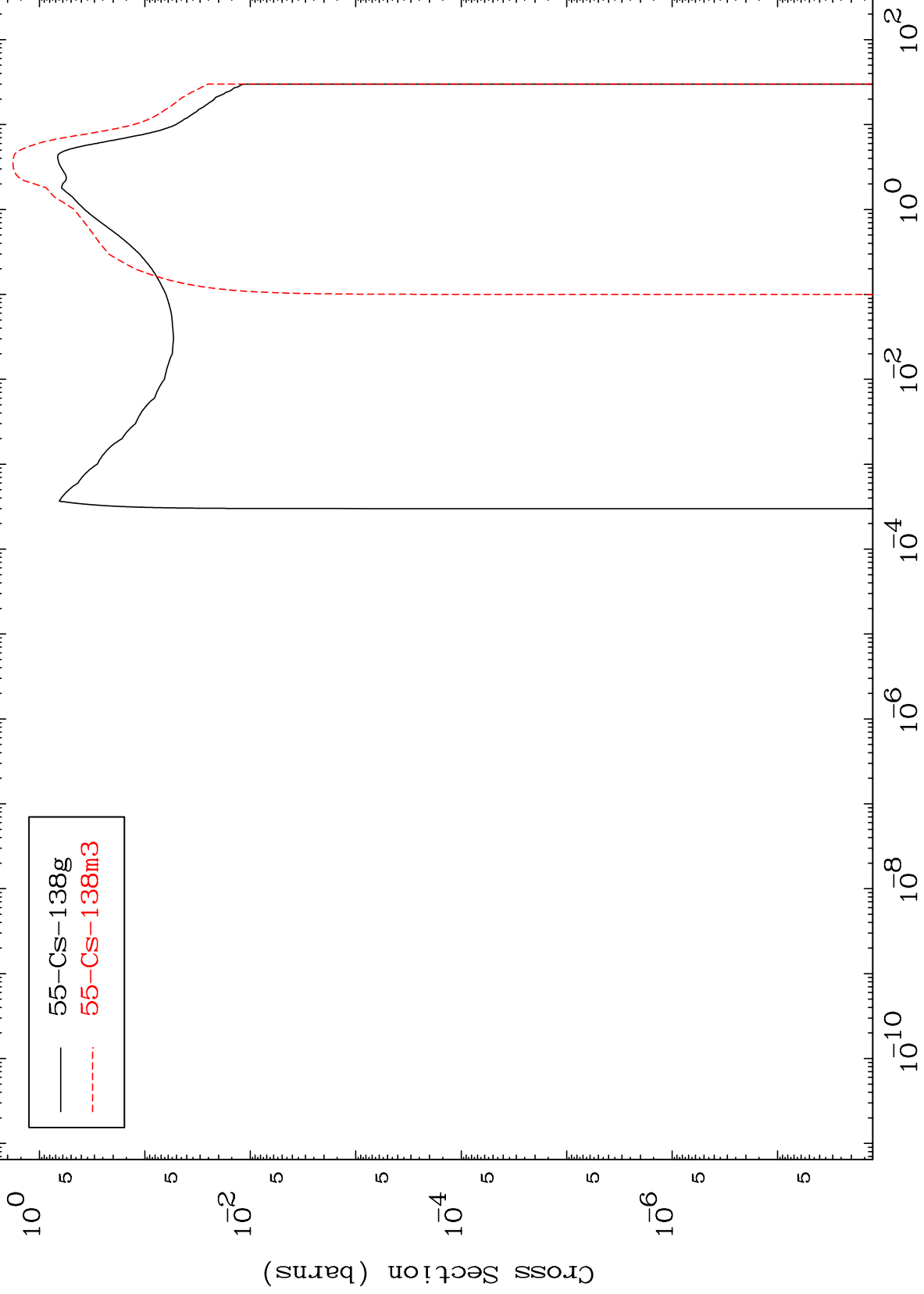
55-Cs-138m

30

MAT 5541

Inelastic
Radionuclide Production Cross Section

55-Cs-138m

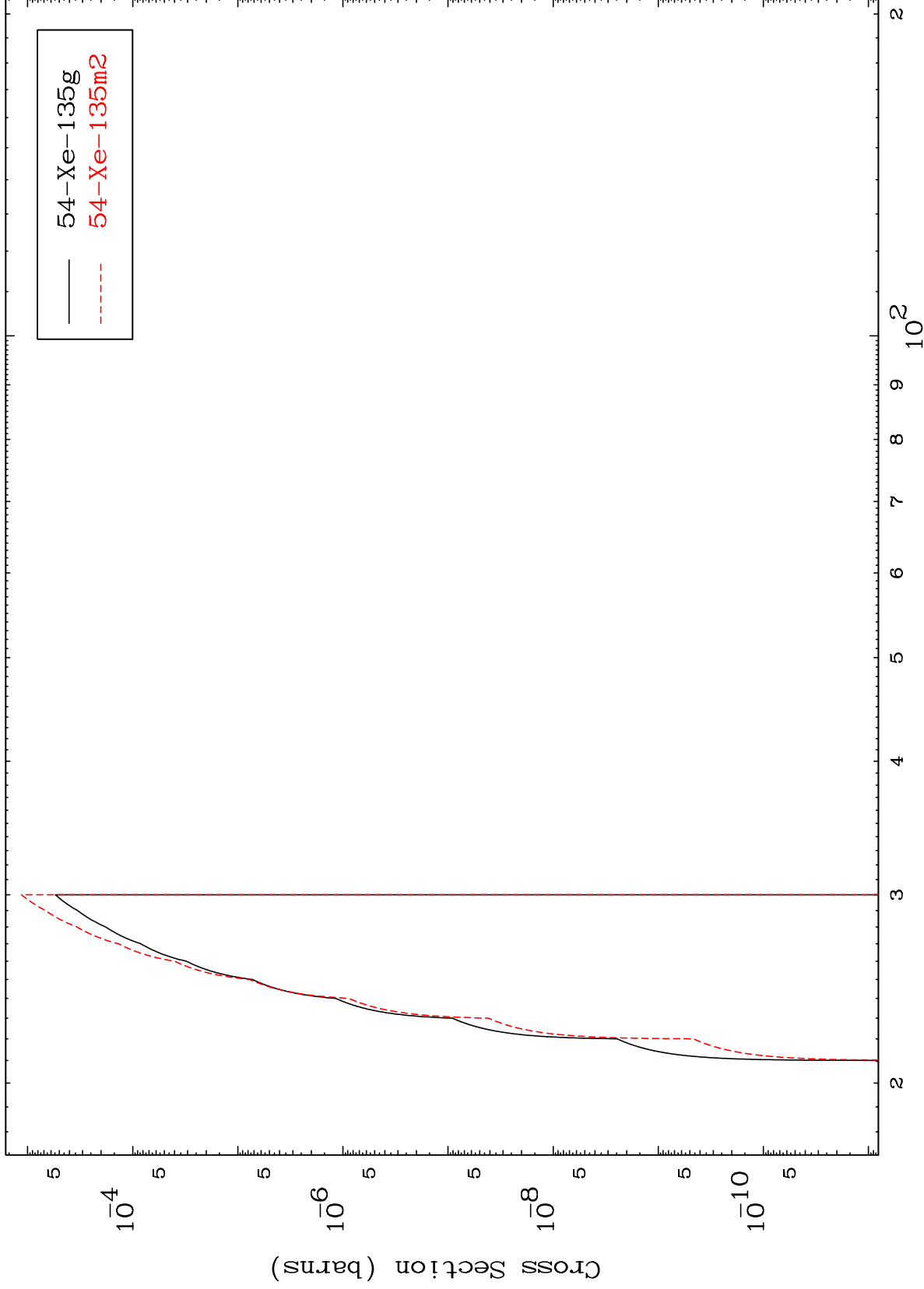


MAT 5541

(n,2n) d

55-Cs-138m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

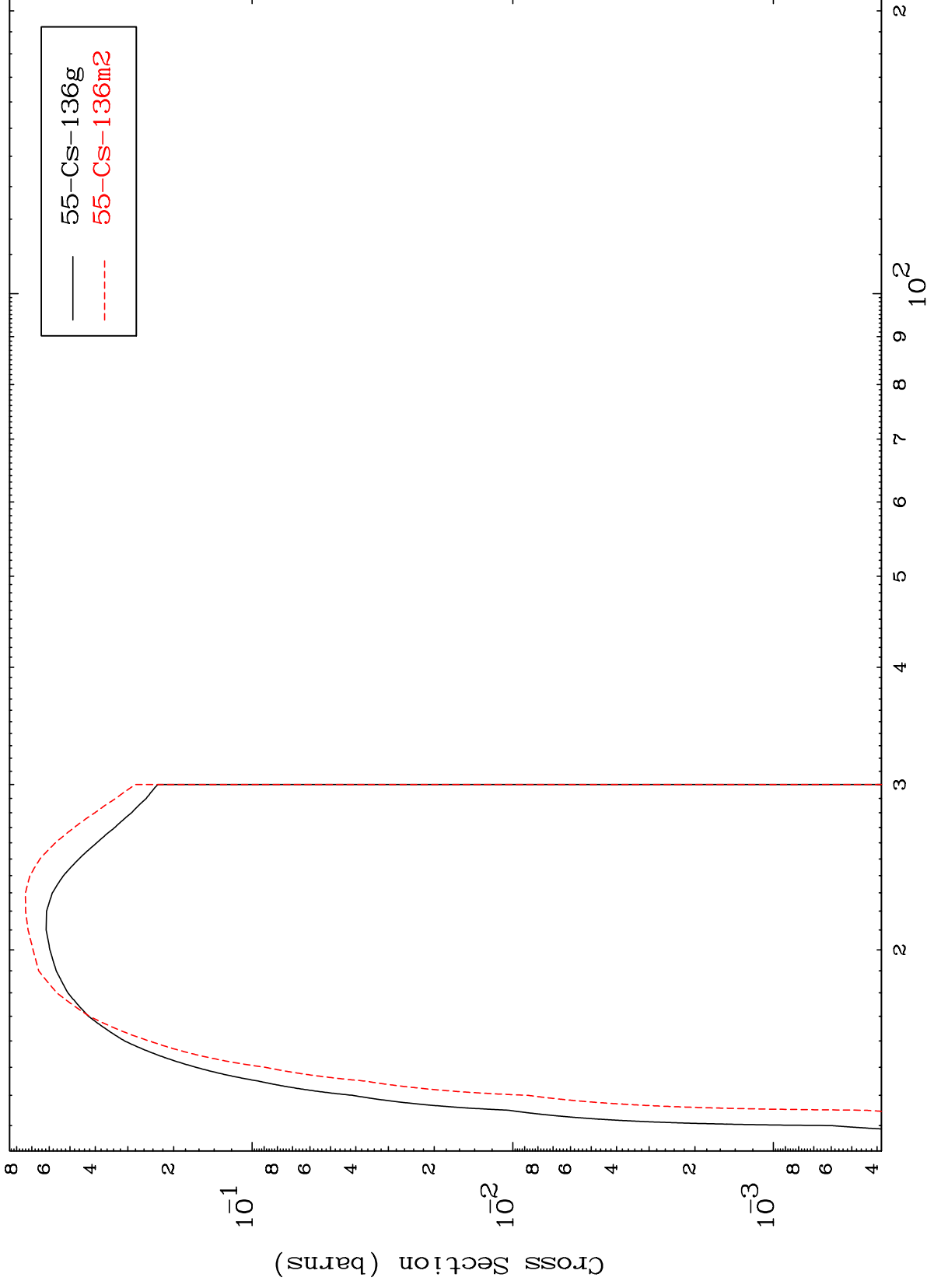
55-Cs-138m

MAT 5541

(n,3n)

55-Cs-138m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

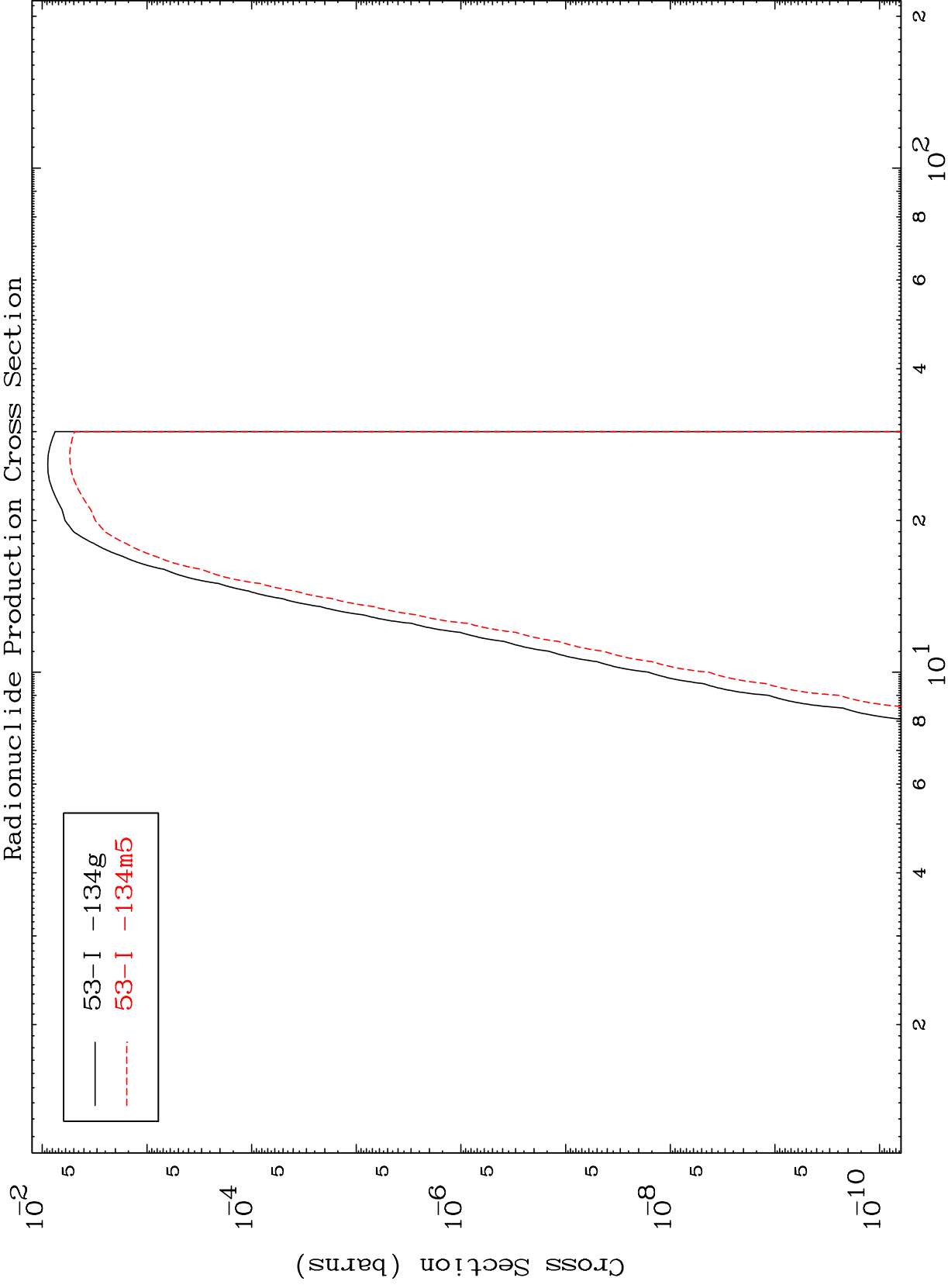
55-Cs-138m

MAT 5541

(n,n') α

55-Cs-138m

Radionuclide Production Cross Section



22

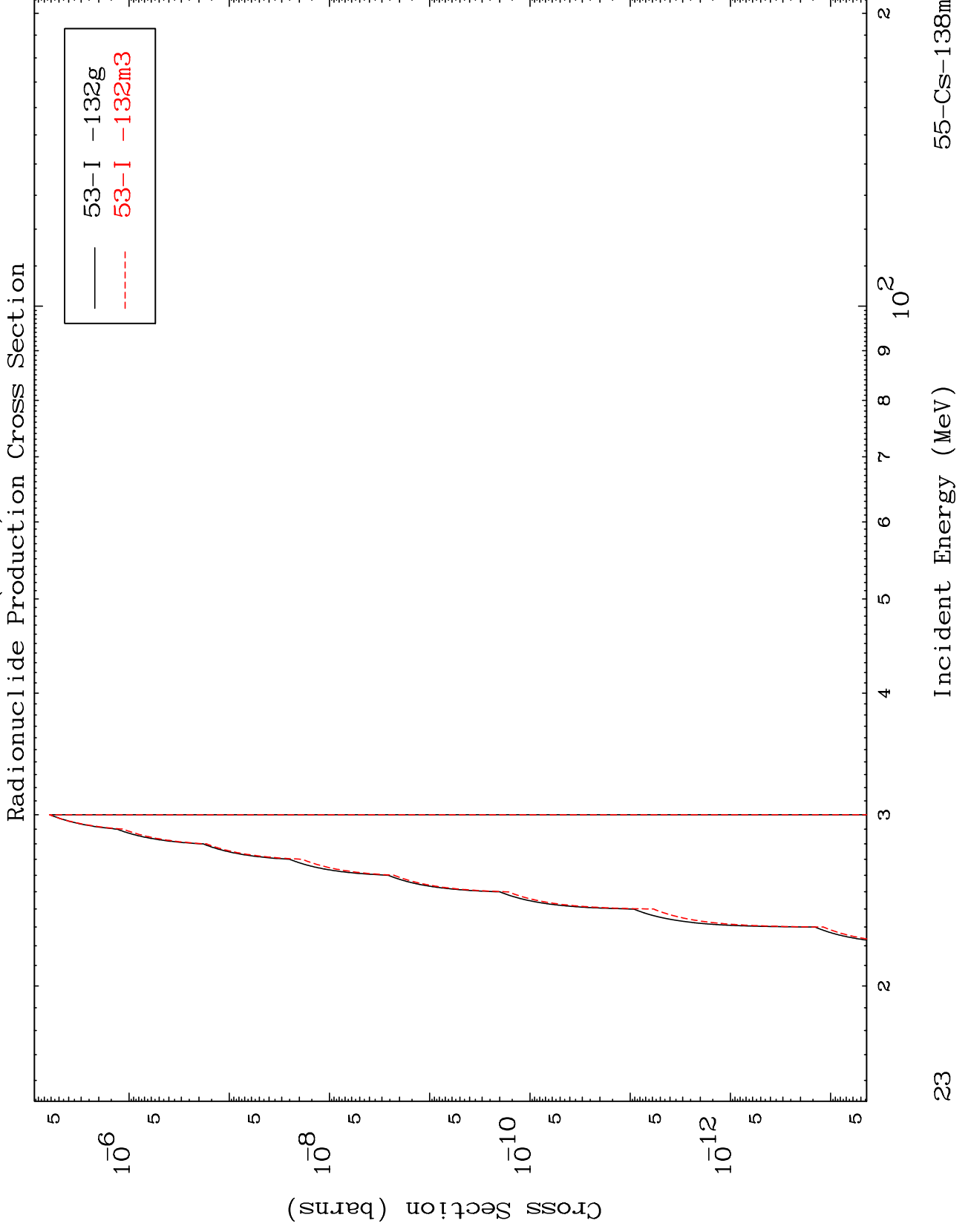
Incident Energy (MeV)

55-Cs-138m

MAT 5541

(n,3n) α

55-Cs-138m

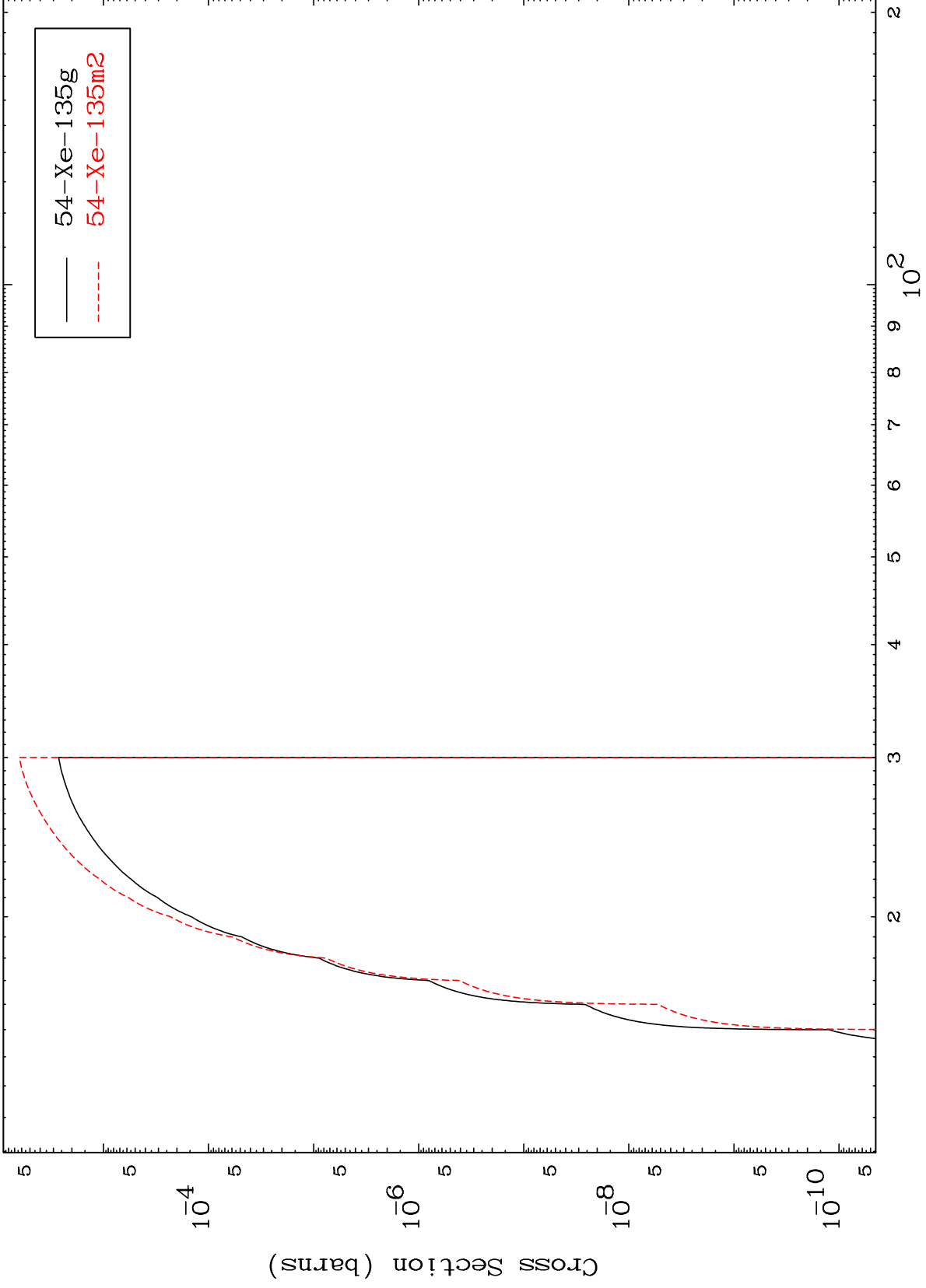


MAT 5541

(n,n') t

55-Cs-138m

Radionuclide Production Cross Section



24

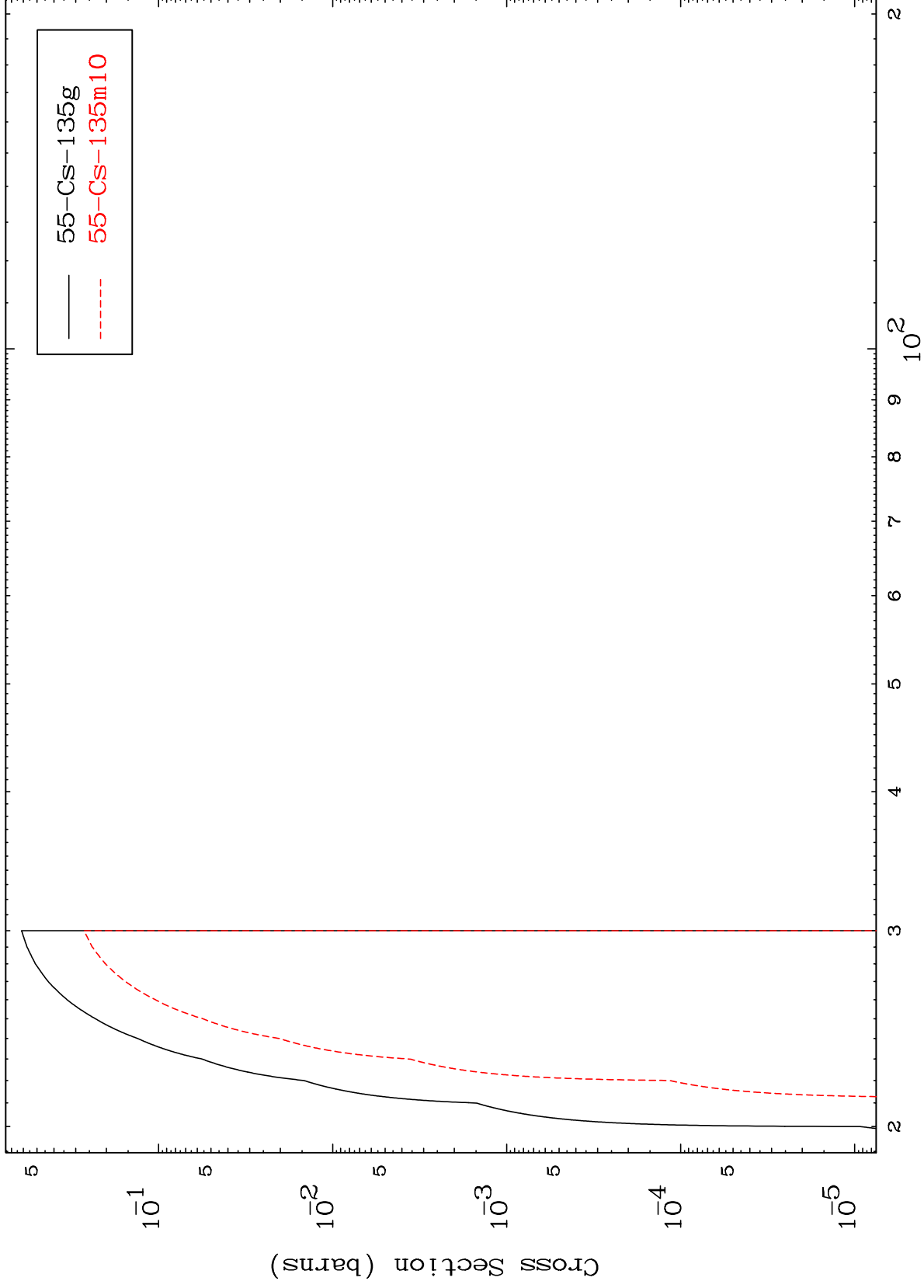
Incident Energy (MeV)

55-Cs-138m

MAT 5541

55-Cs-138m

(n,4n)
Radionuclide Production Cross Section



55-Cs-138m

Incident Energy (MeV)

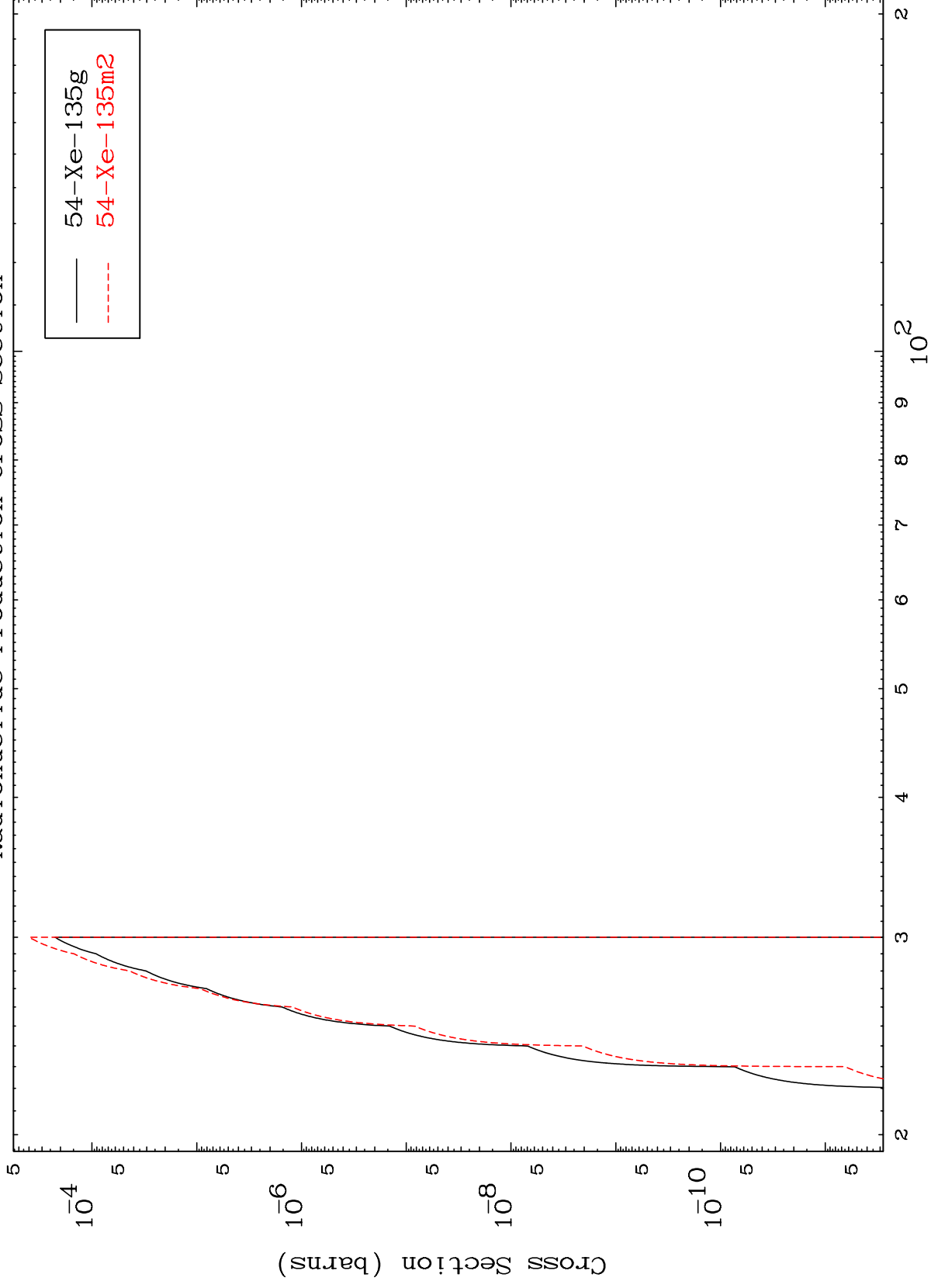
25

MAT 5541

(n,3n) p

55-Cs-138m

Radionuclide Production Cross Section



26

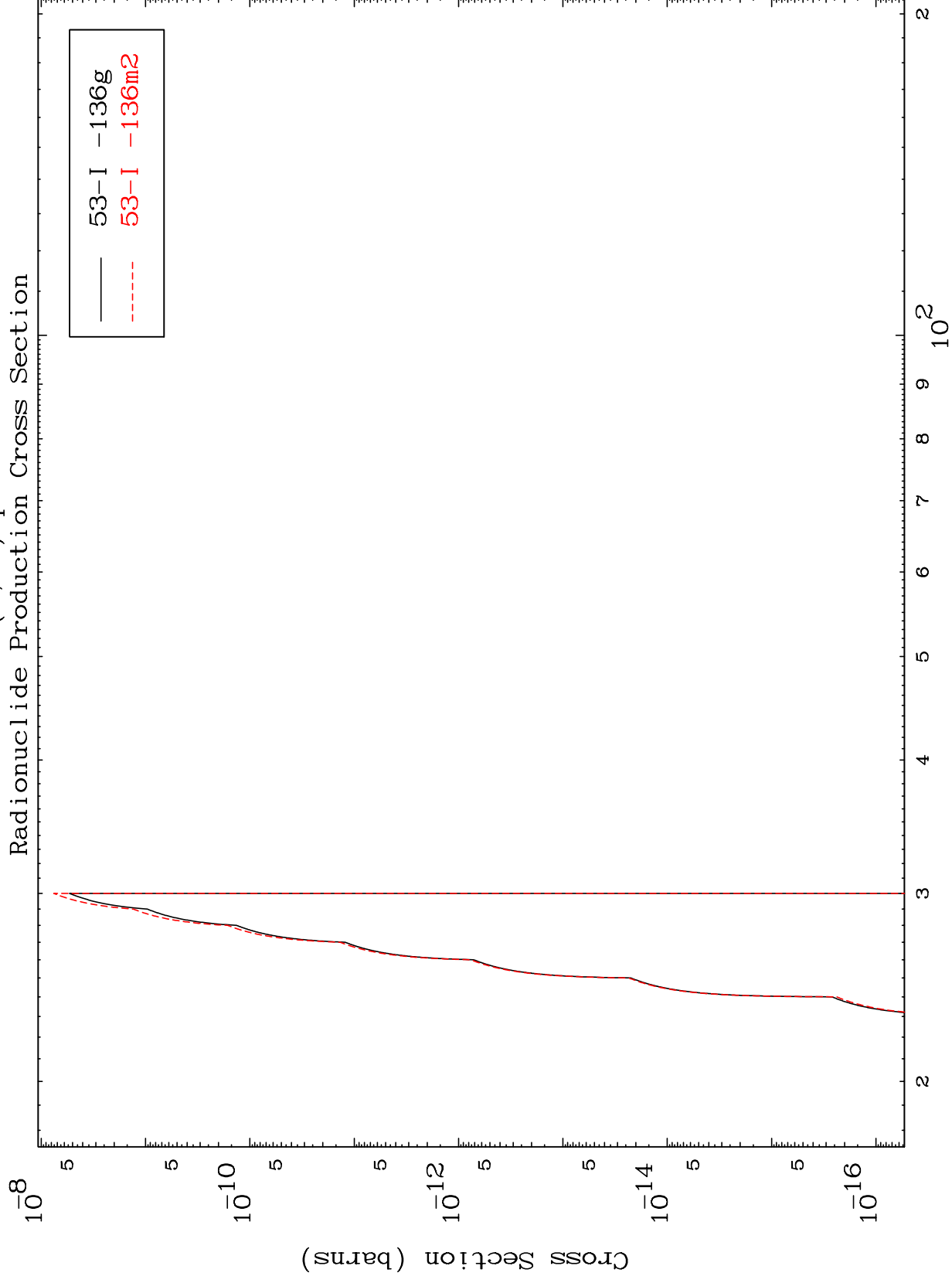
Incident Energy (MeV)

55-Cs-138m

MAT 5541

(n,2n) p

55-Cs-138m



27

Incident Energy (MeV)

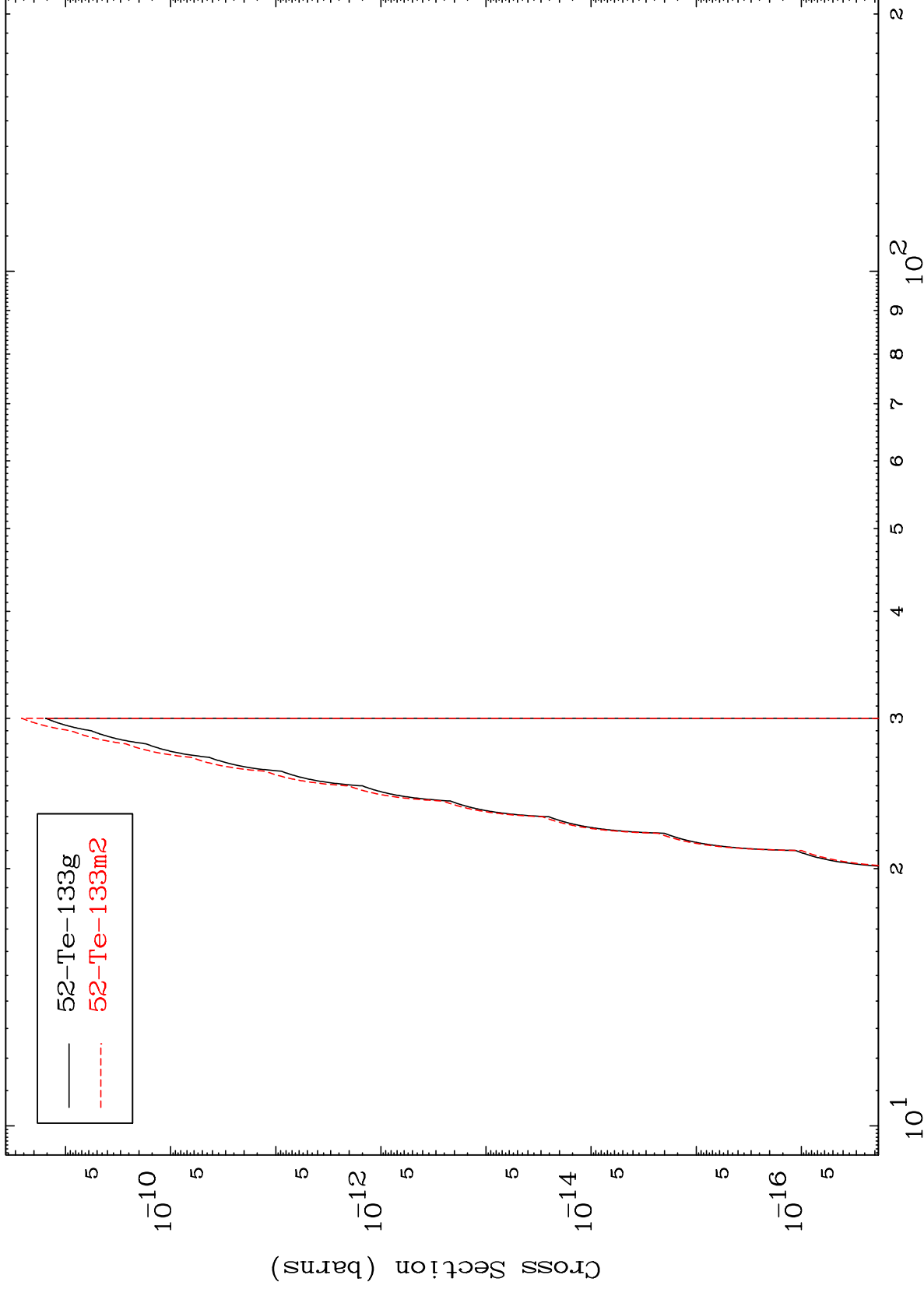
55-Cs-138m

MAT 5541

(n,n') p α

55-Cs-138m

Radionuclide Production Cross Section



28

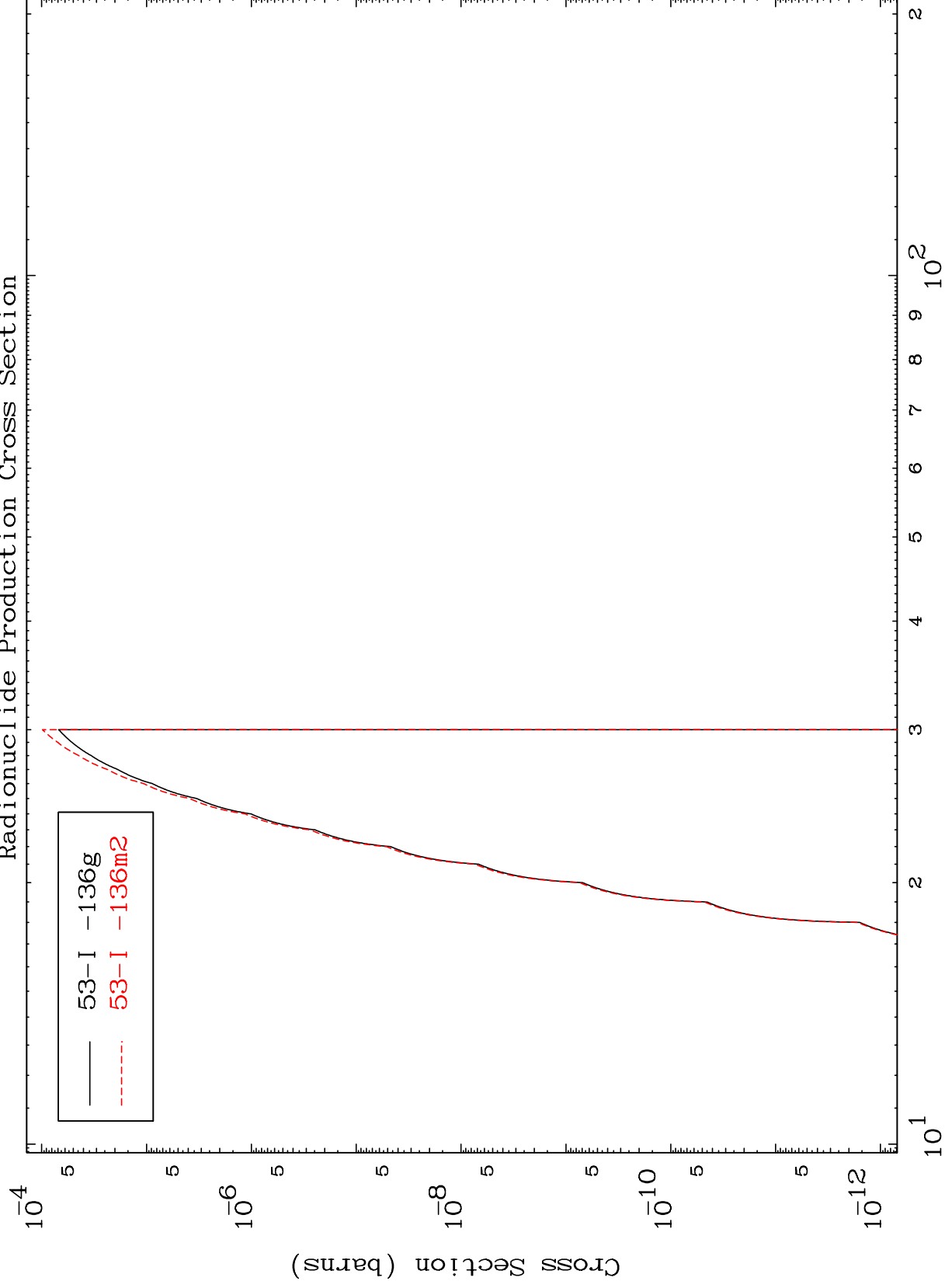
Incident Energy (MeV)

55-Cs-138m

MAT 5541

55-Cs-138m

(n,He-3)
Radionuclide Production Cross Section



55-Cs-138m

Incident Energy (MeV)

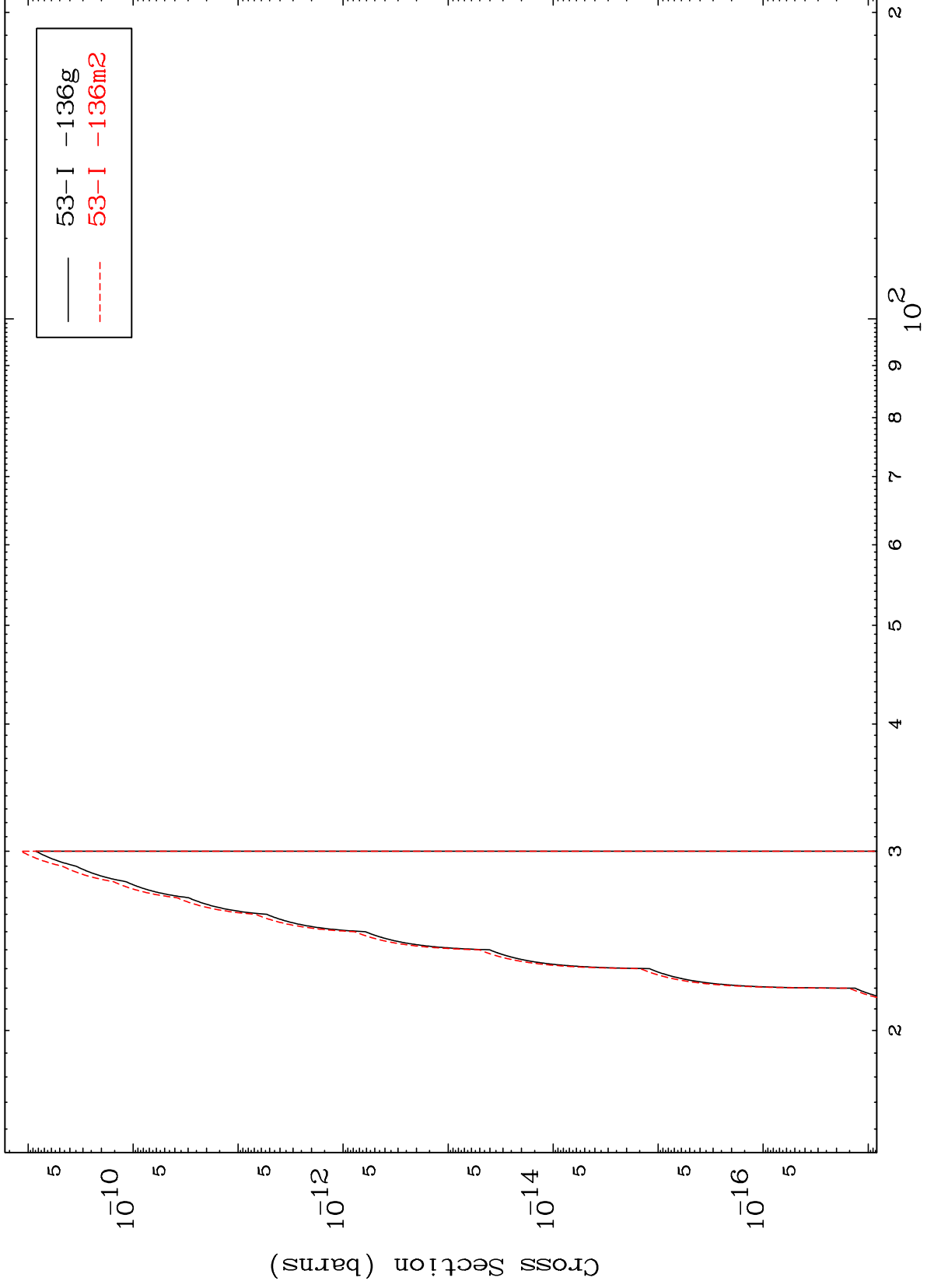
29

MAT 5541

(n,p) d

55-Cs-138m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

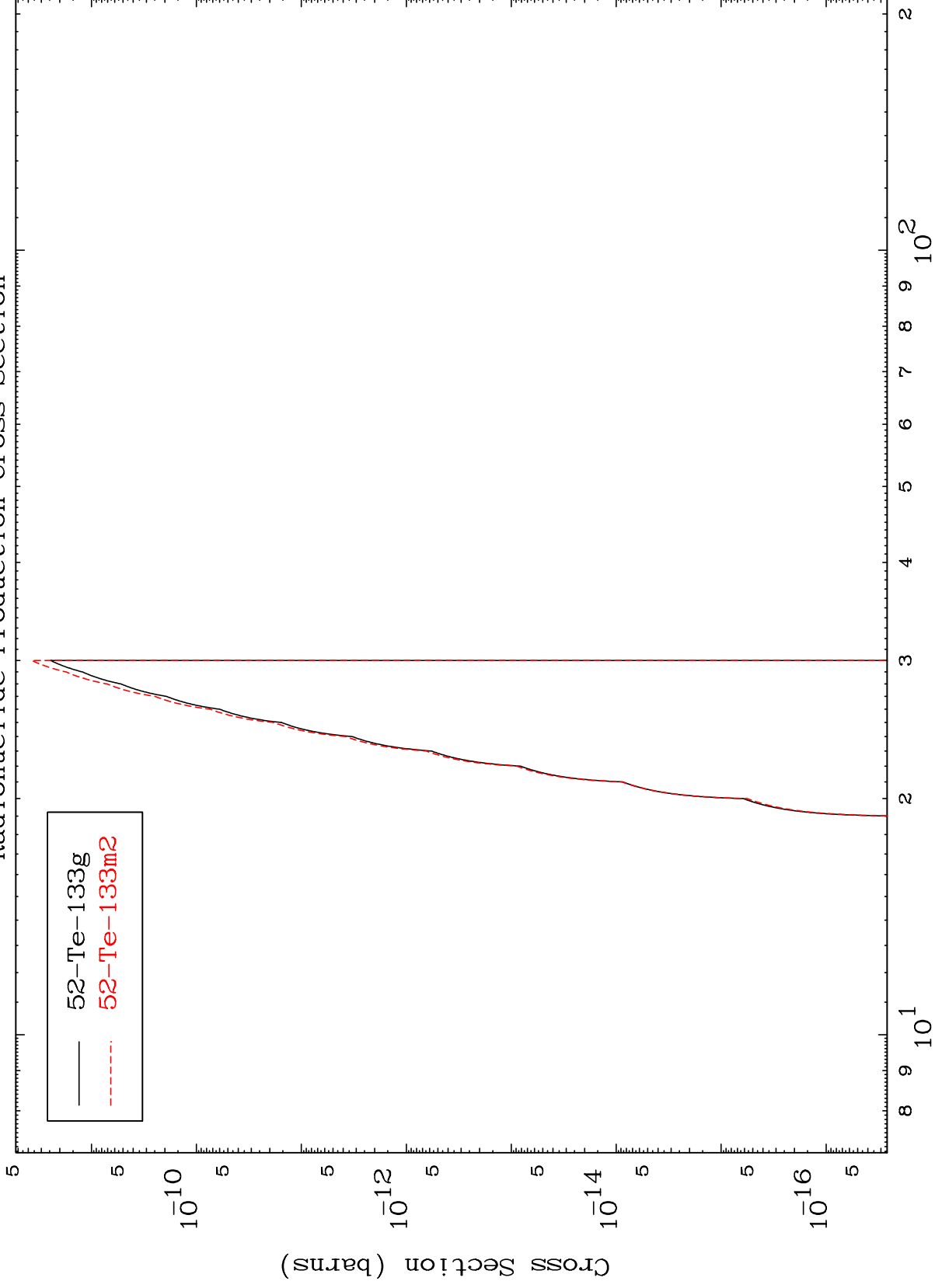
55-Cs-138m

MAT 5541

55-Cs-138m

(n,d) α

Radionuclide Production Cross Section



31

Incident Energy (MeV)

55-Cs-138m