

Program EVALPLOT
(Version 2018-1)

by

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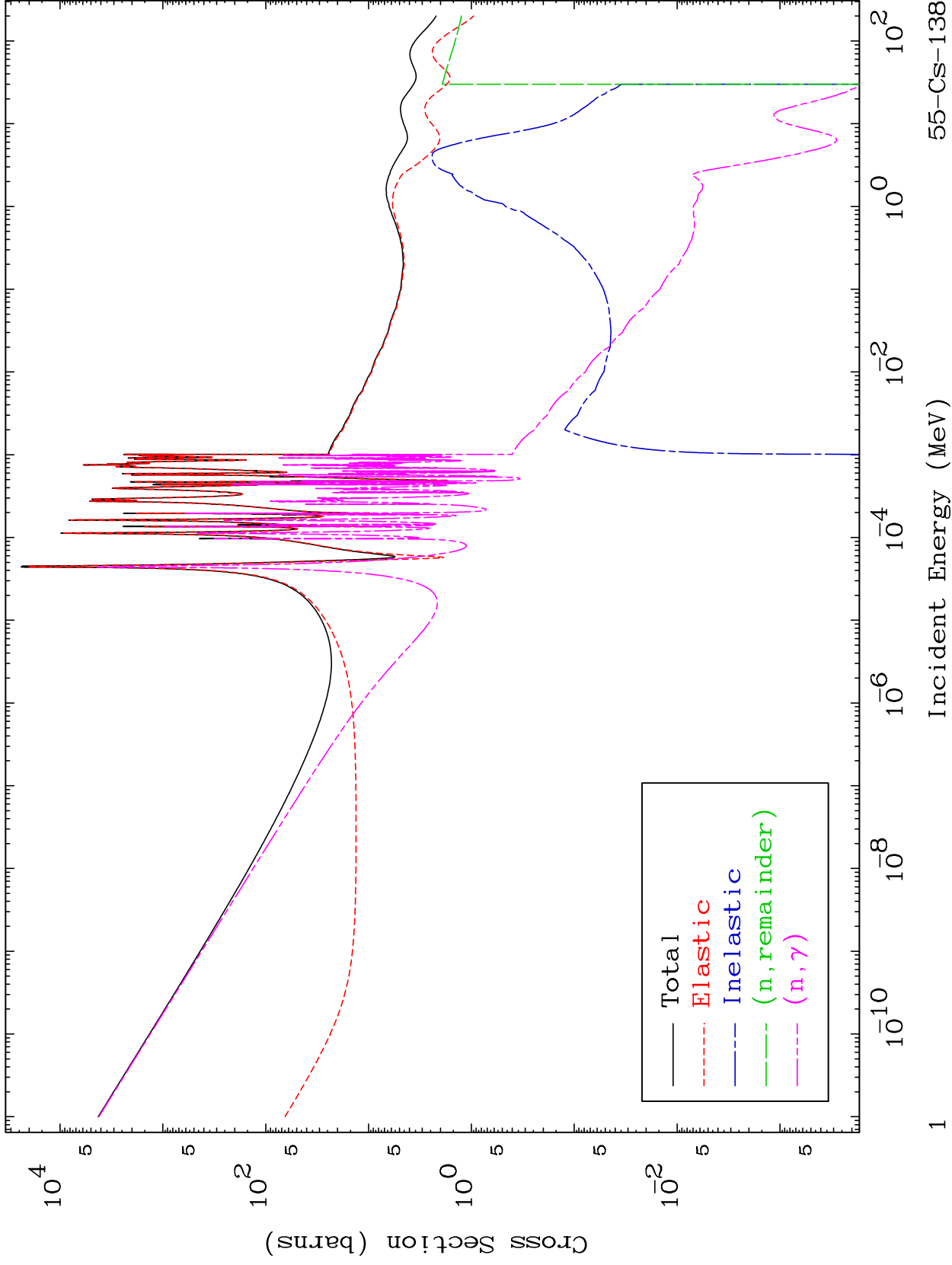
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Press Mouse Button to Start

MAT 5541

Major
293 Kelvin Cross Sections

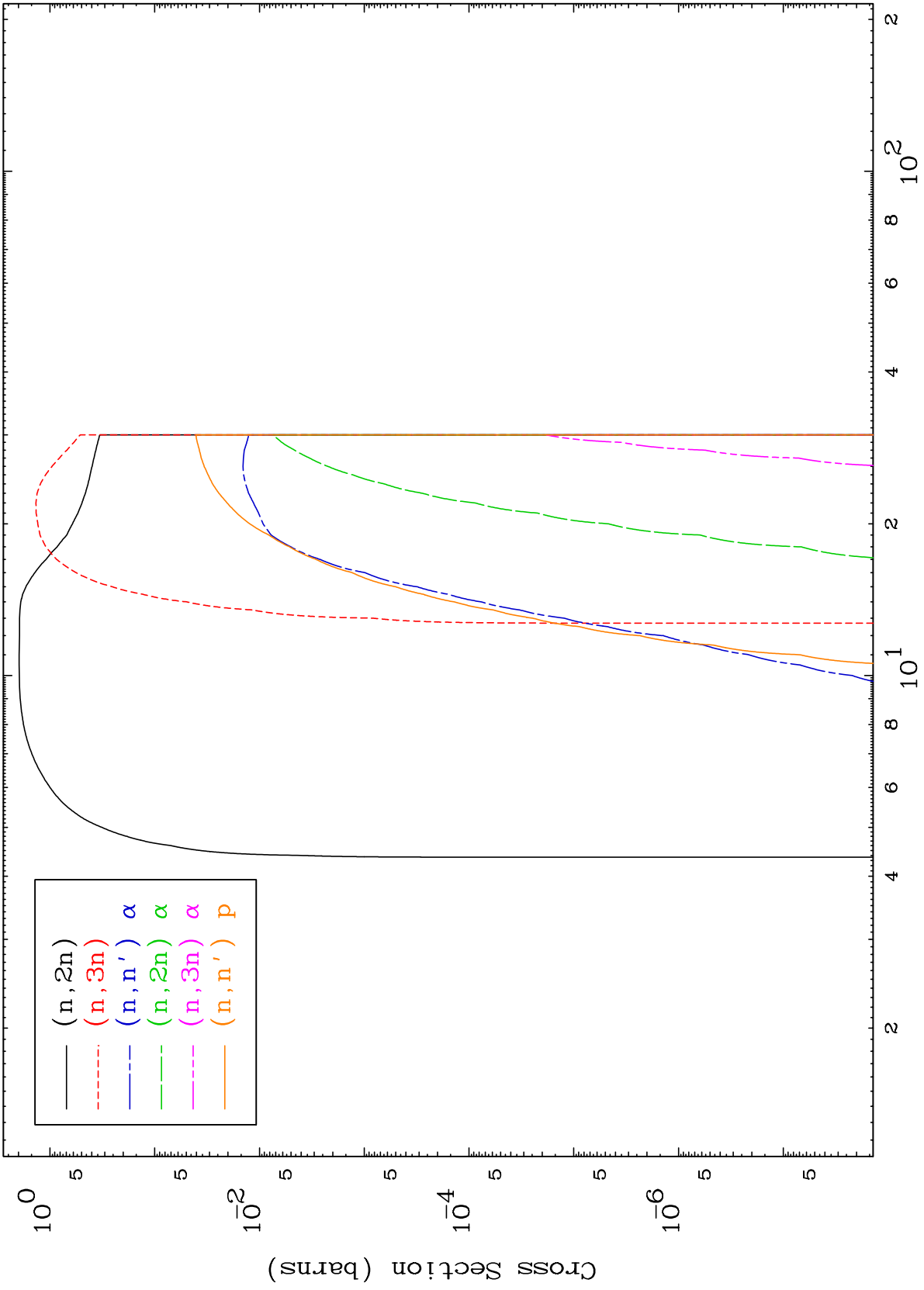
55-Cs-138



MAT 5541

Neutron Production
293 Kelvin Cross Sections

55-Cs-138



2

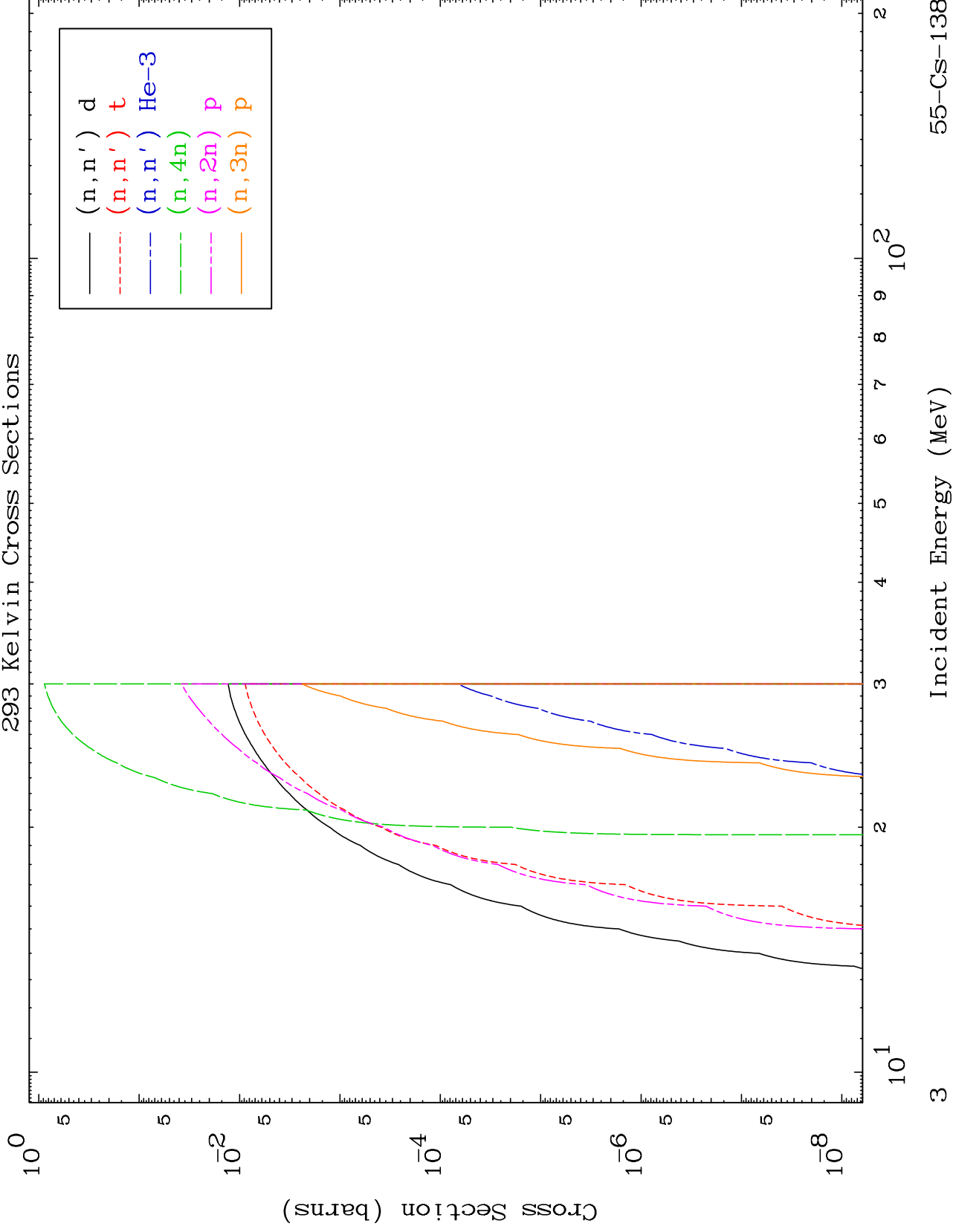
Incident Energy (MeV)

55-Cs-138

MAT 5541

Neutron Production
293 Kelvin Cross Sections

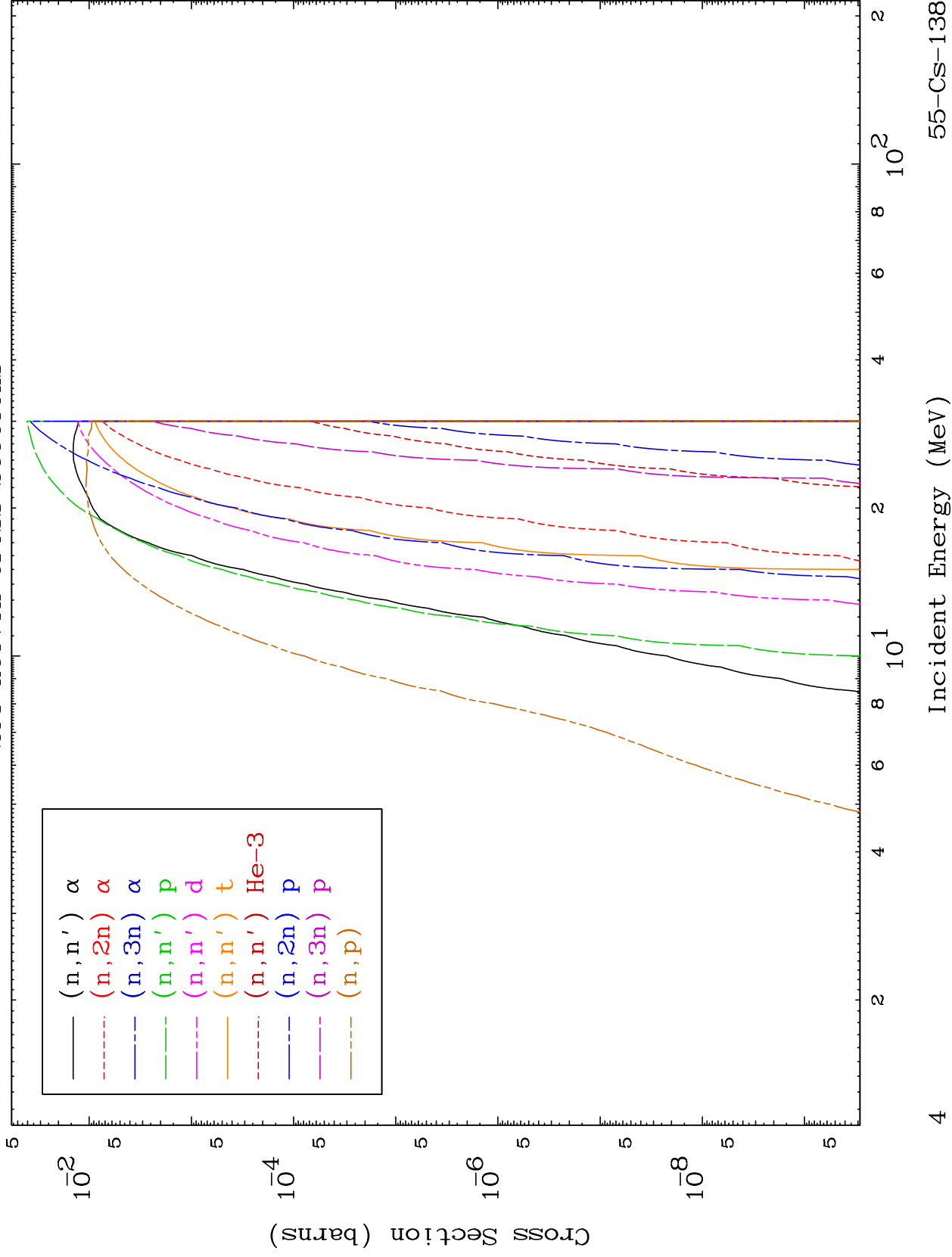
55-Cs-138



55-Cs-138

Incident Energy (MeV)

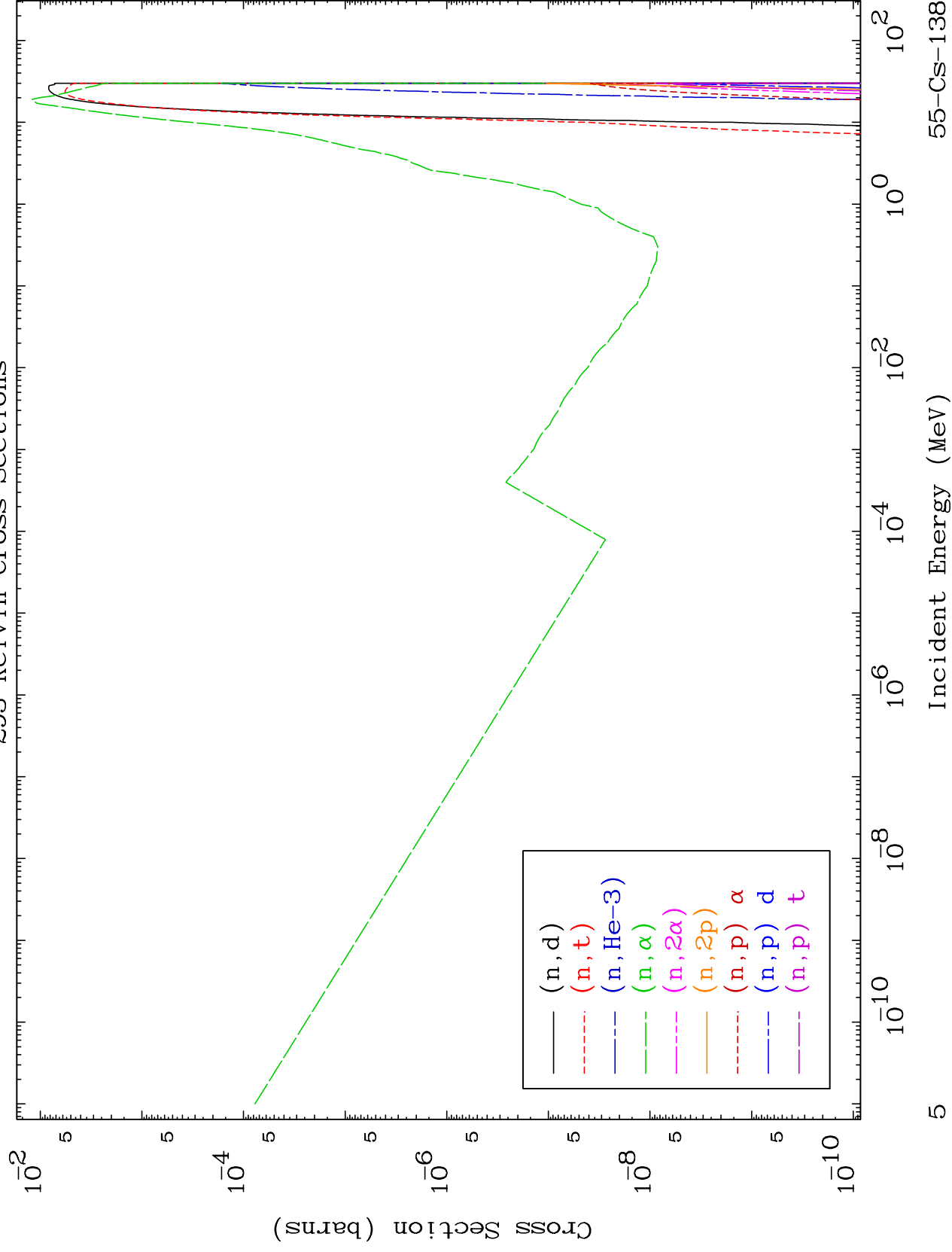
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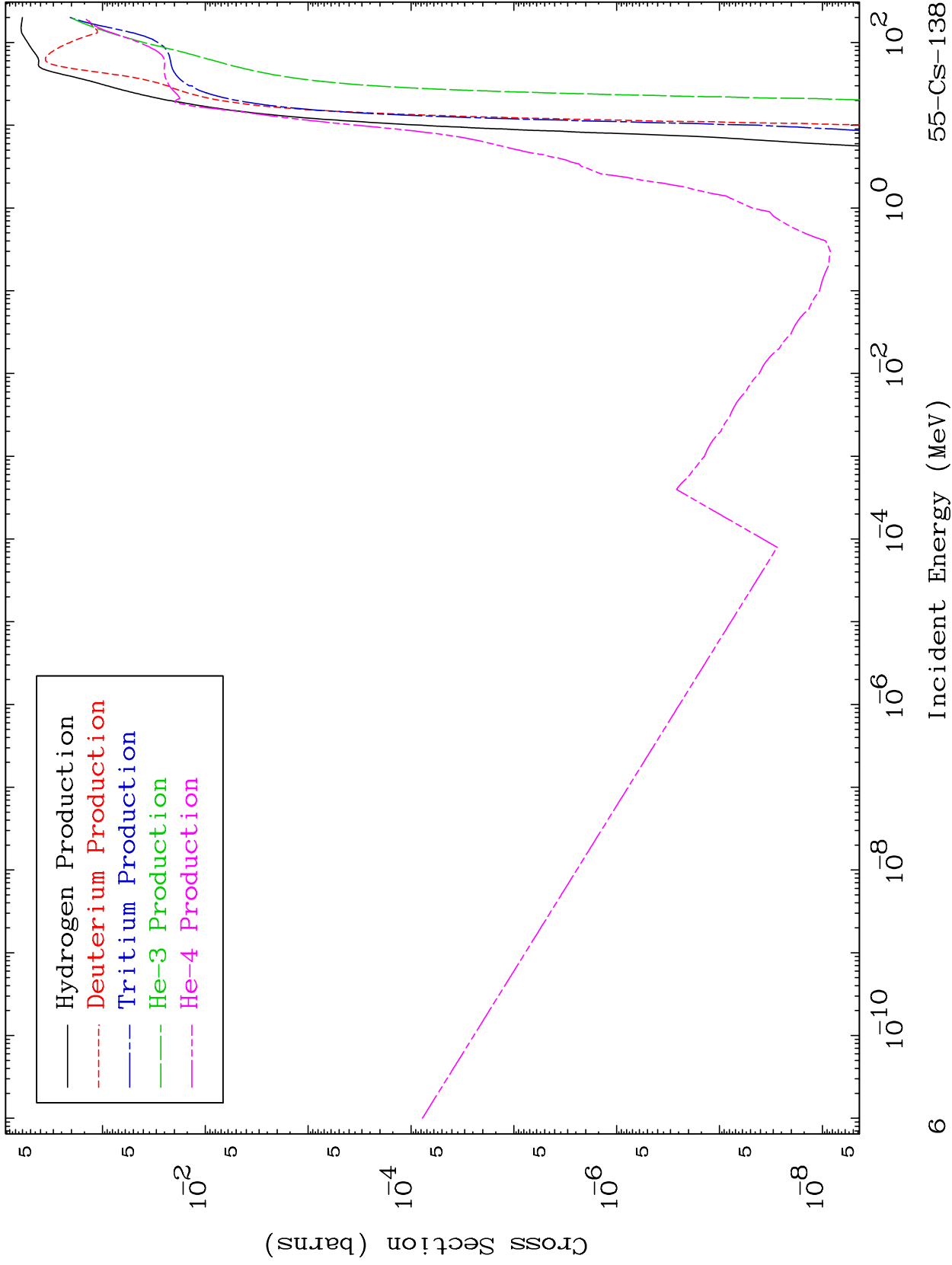


MAT 5541

Charged Particle
293 Kelvin Cross Sections

55-Cs-138

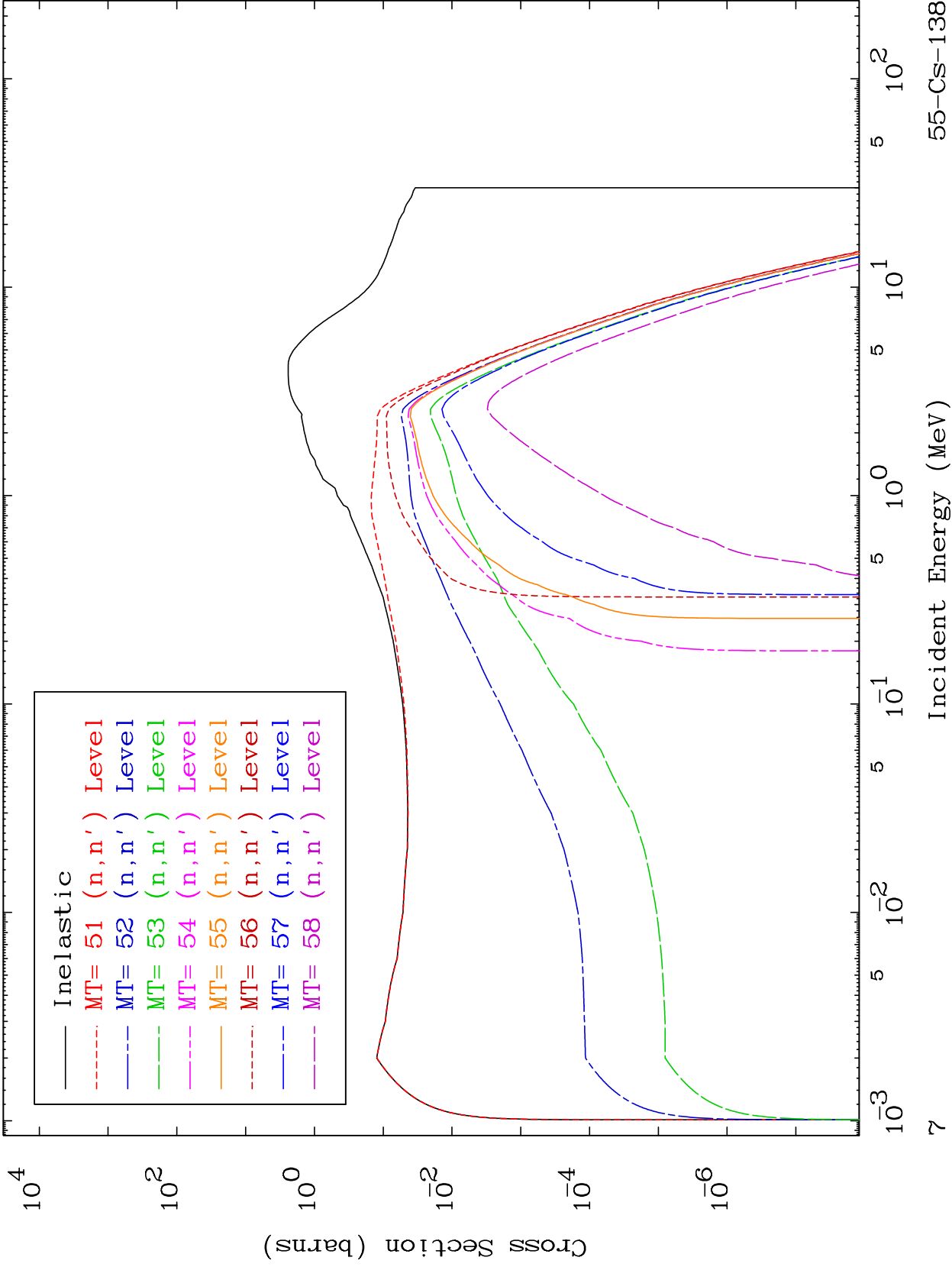




MAT 5541

(n,n') Level
293 Kelvin Cross Sections

55-Cs-138

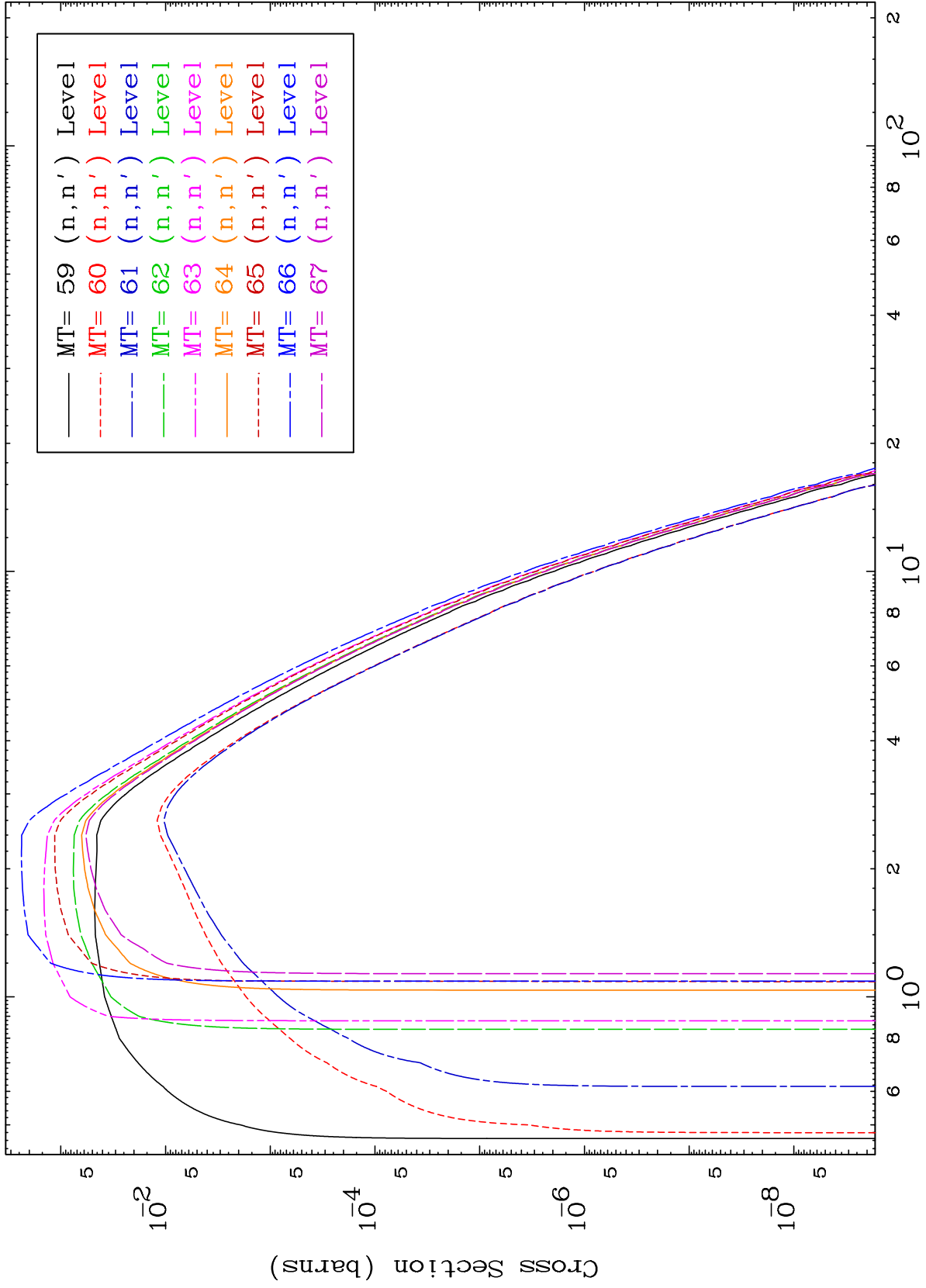


MAT 5541

(n,n') Level

293 Kelvin Cross Sections

55-Cs-138

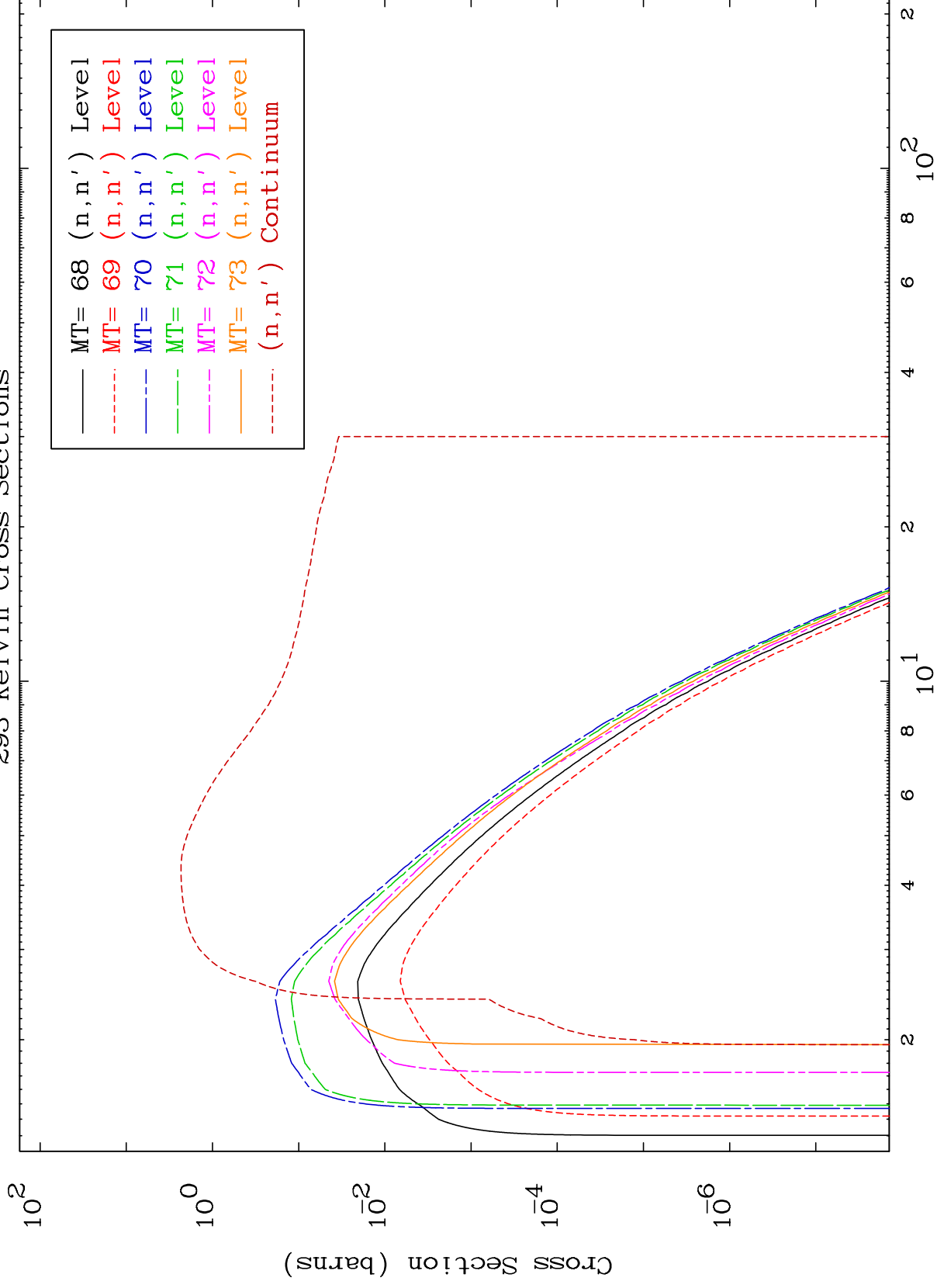


8

Incident Energy (MeV)

55-Cs-138

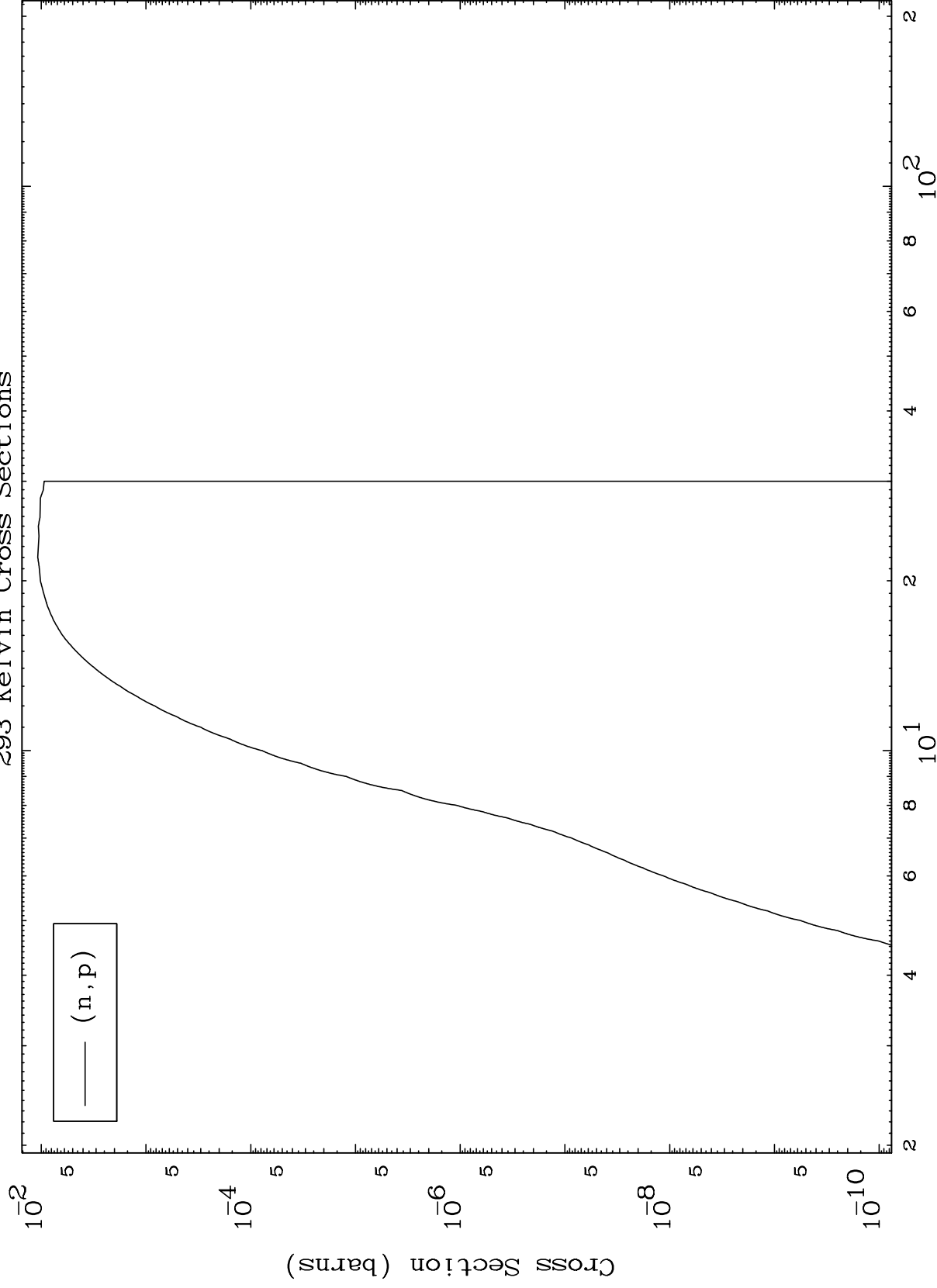
293 Kelvin Cross Sections



MAT 5541

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-138



10

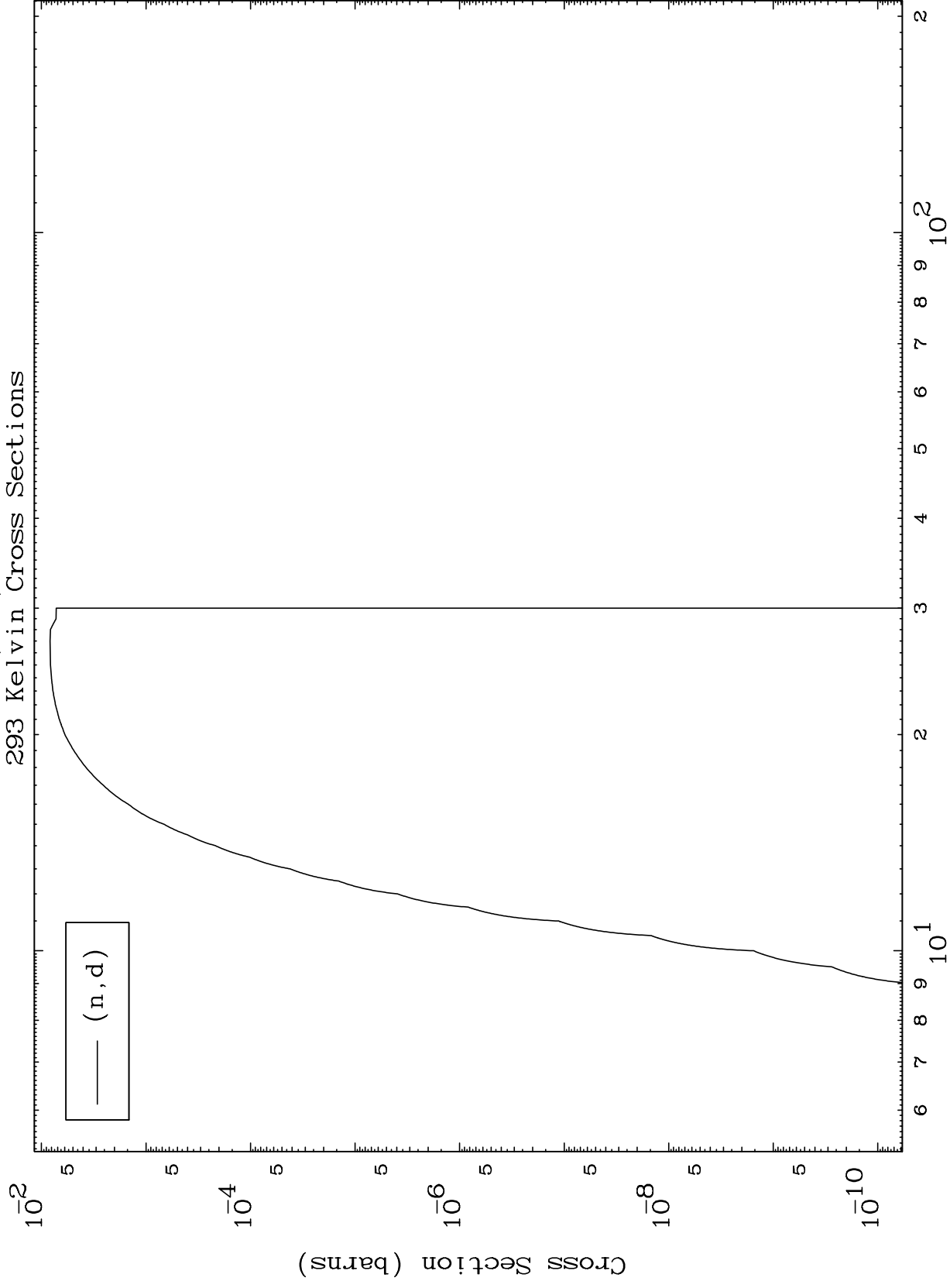
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-138



11

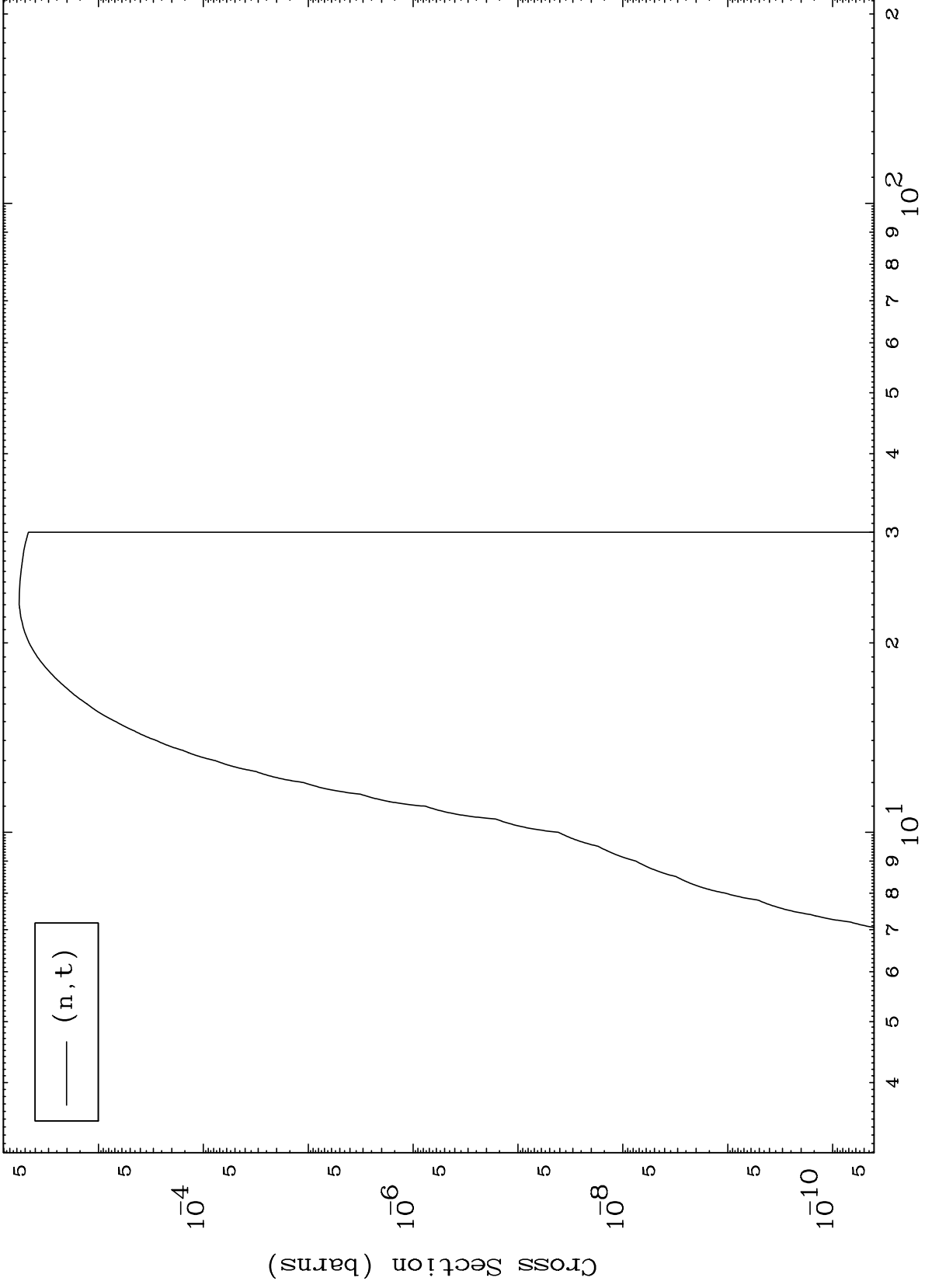
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-138



12

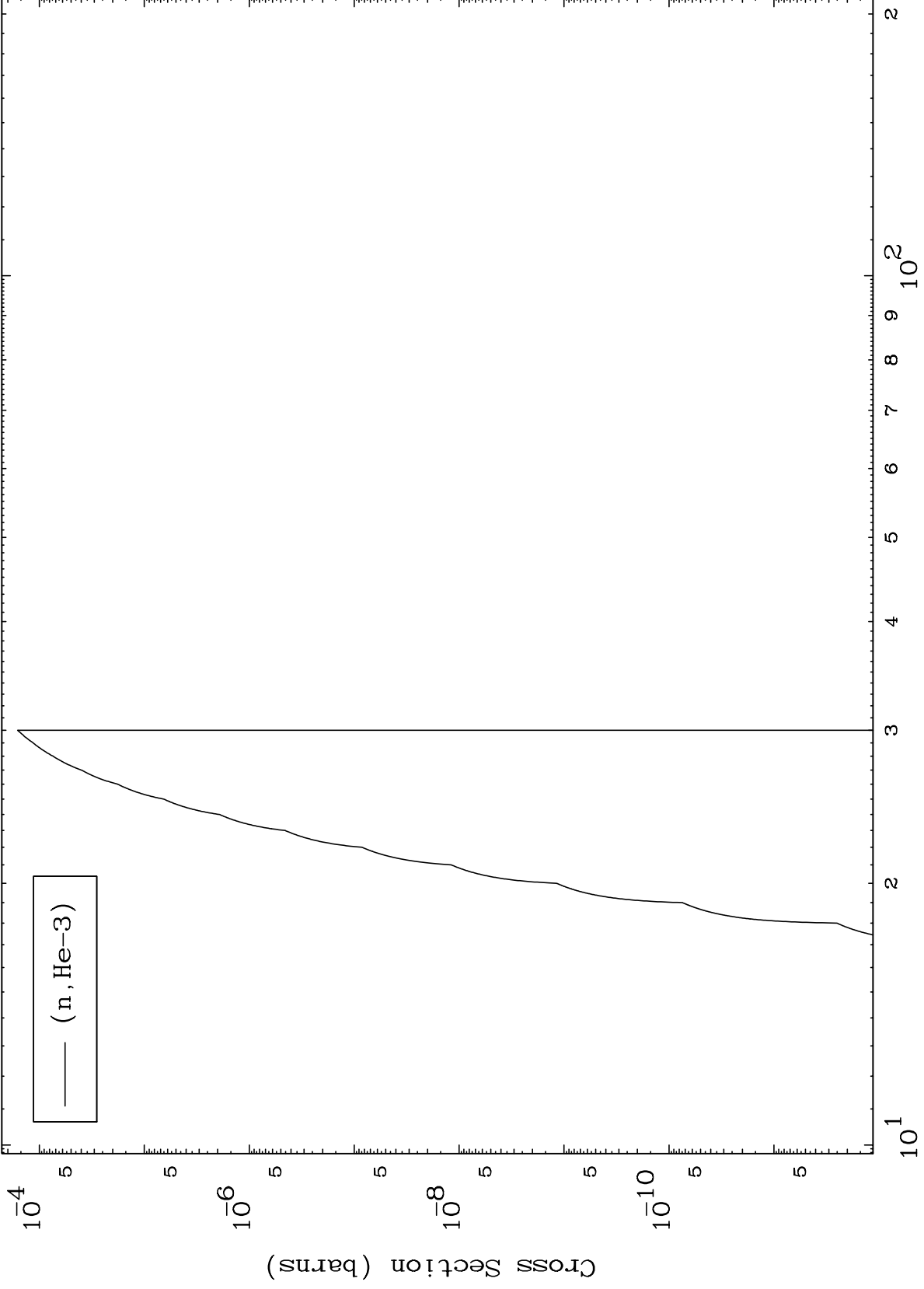
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-138



13

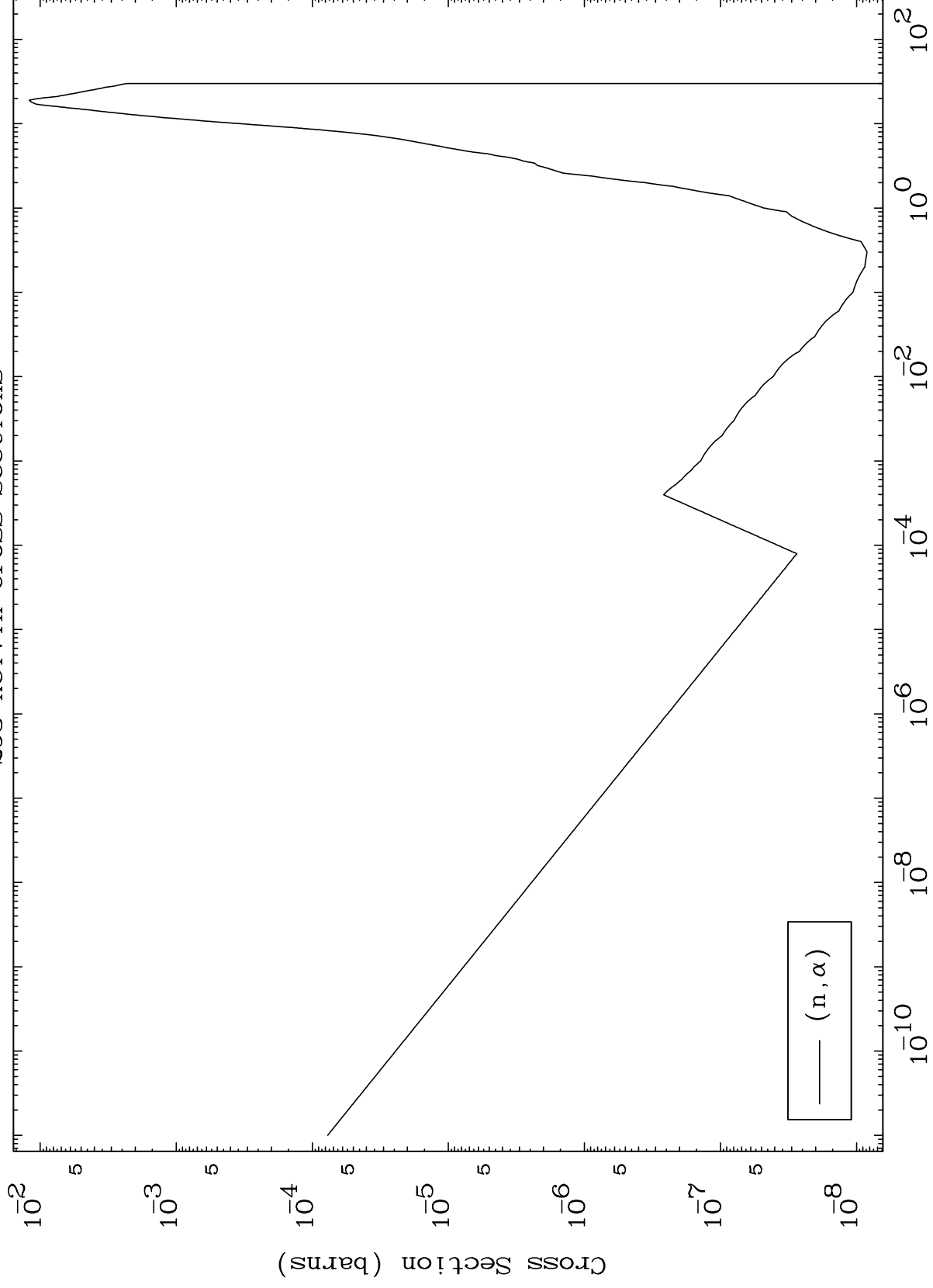
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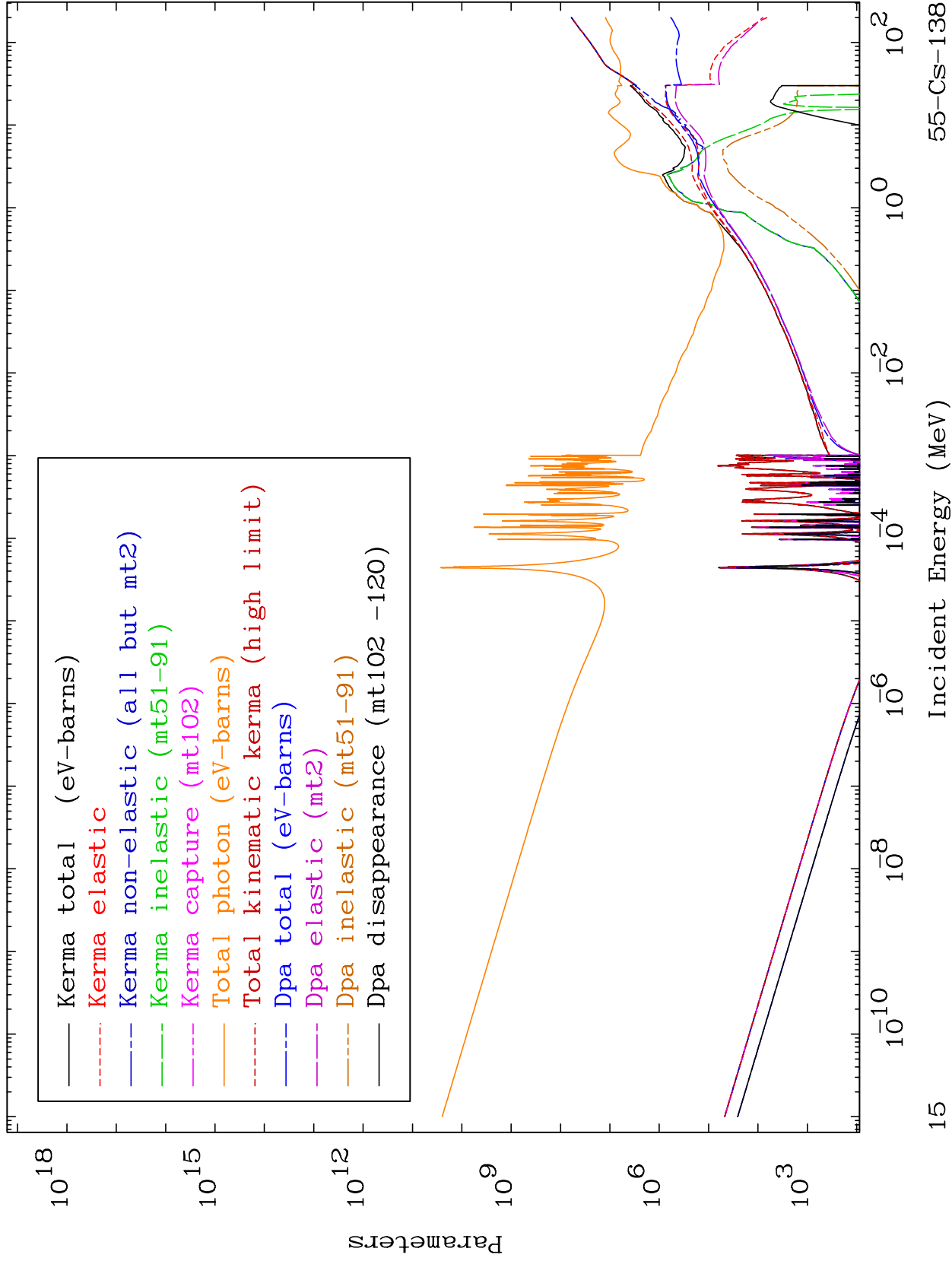
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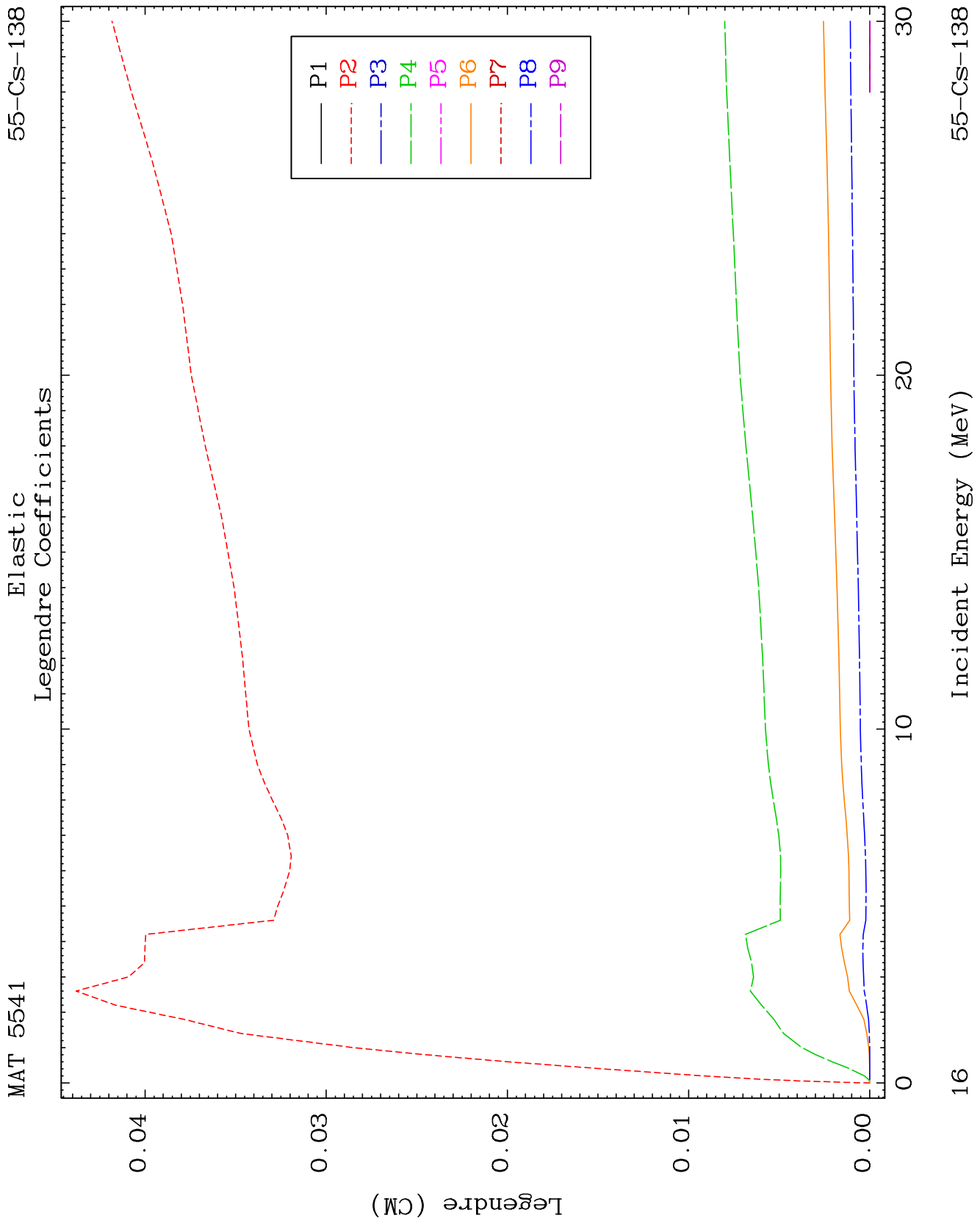
MAT 5541

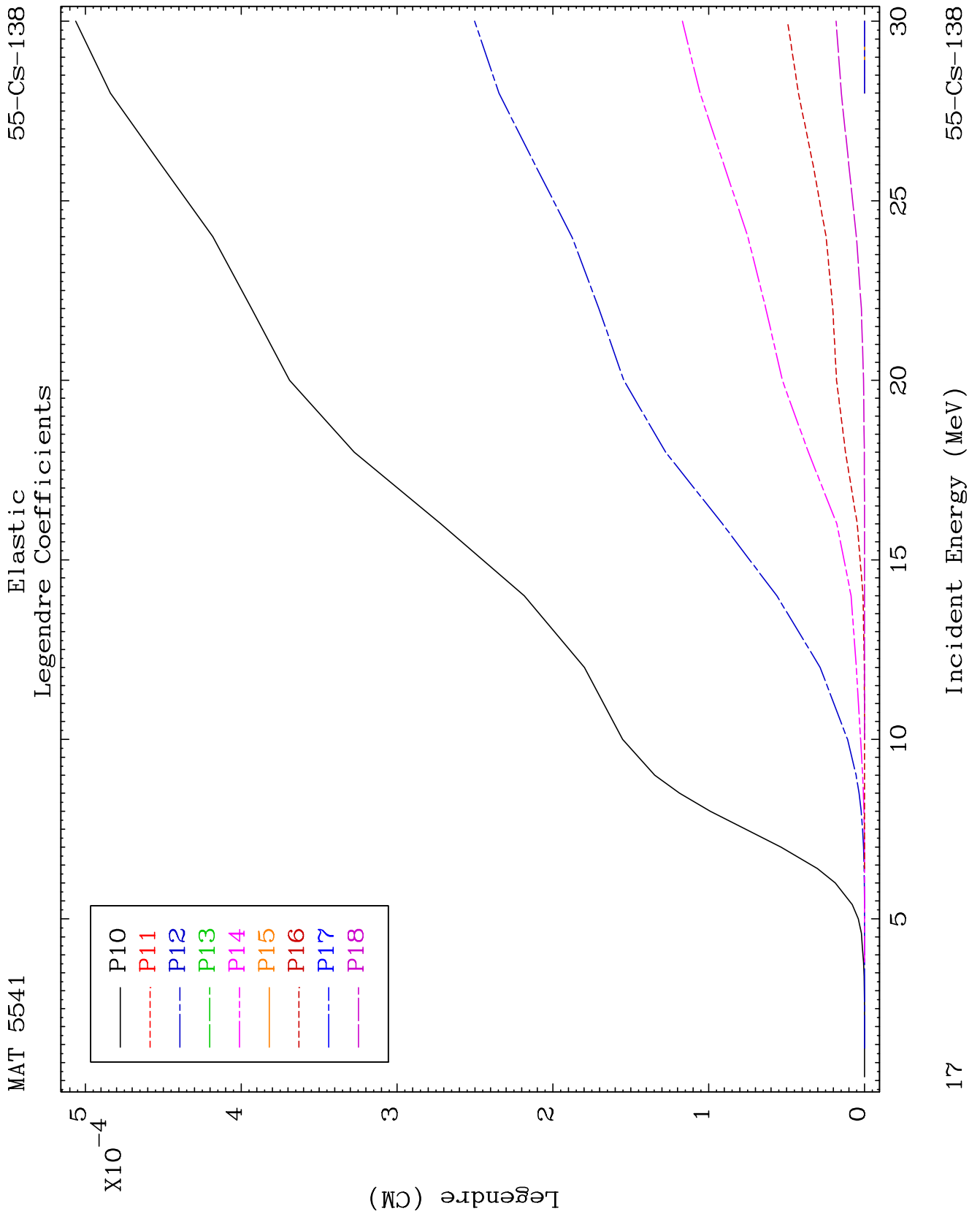
(n,α) Levels
293 Kelvin Cross Sections

55-Cs-138





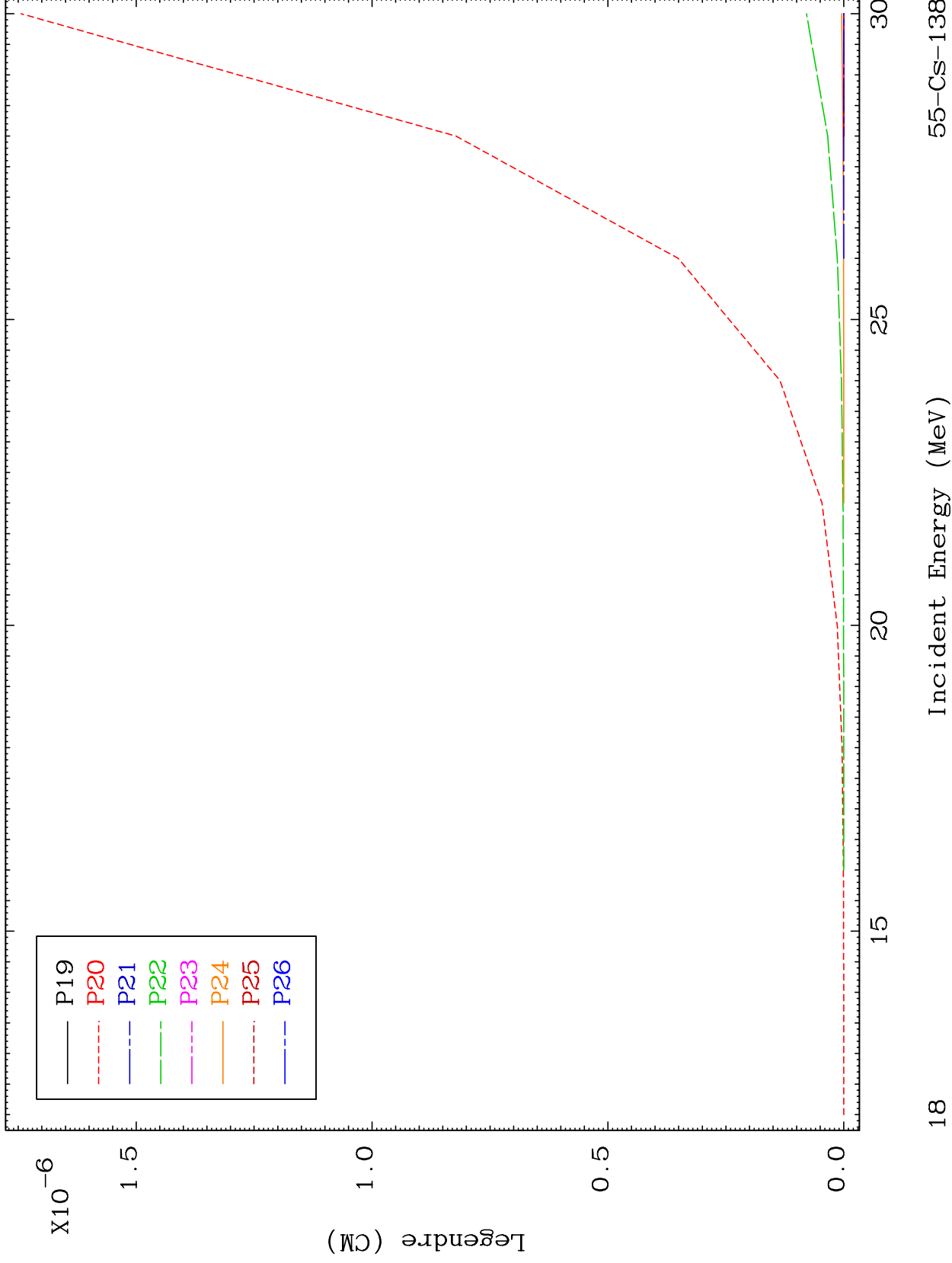




MAT 5541

Elastic
Legendre Coefficients

55-Cs-138



18

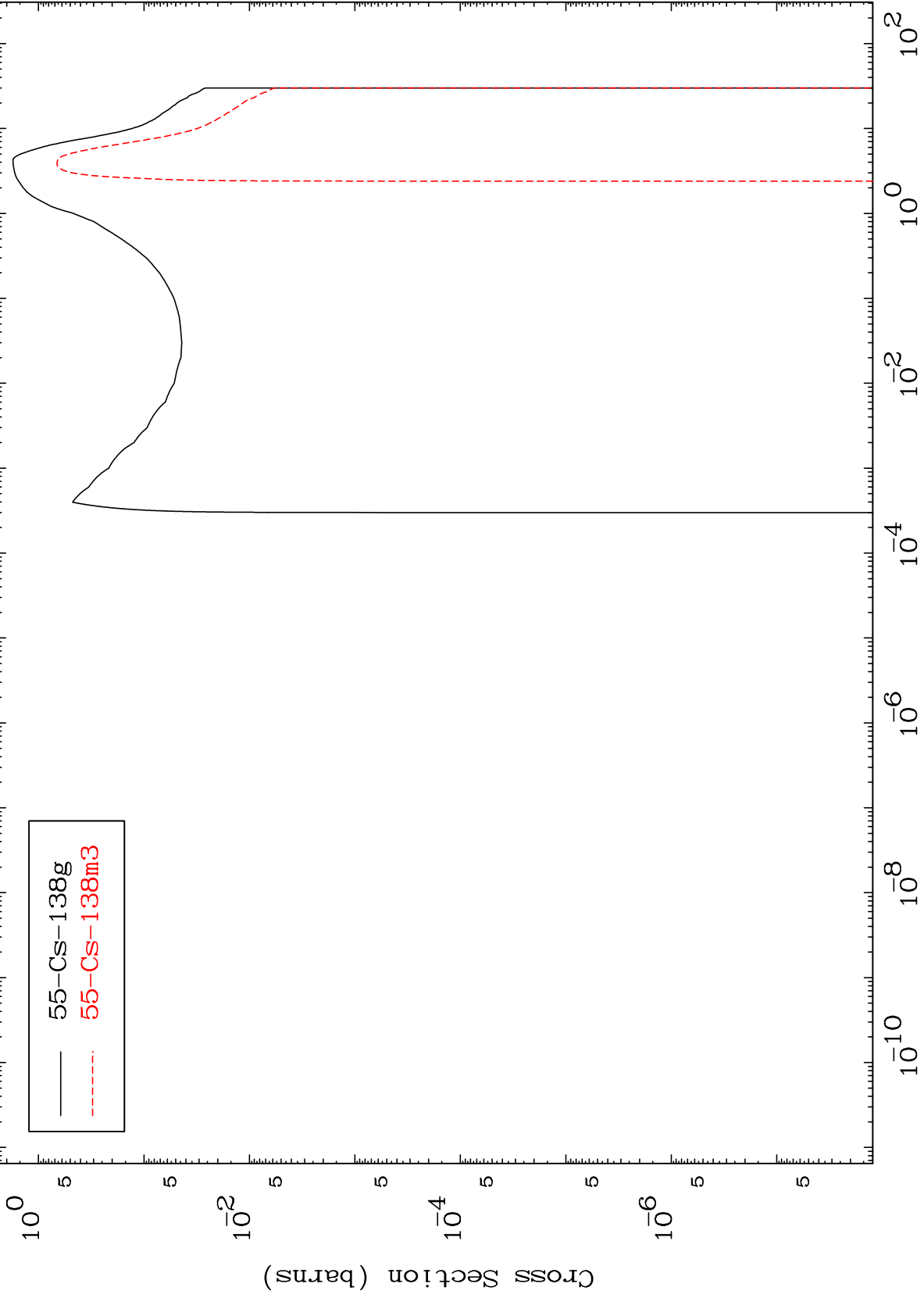
Incident Energy (MeV)

55-Cs-138

MAT 5541

Inelastic
Radionuclide Production Cross Section

55-Cs-138

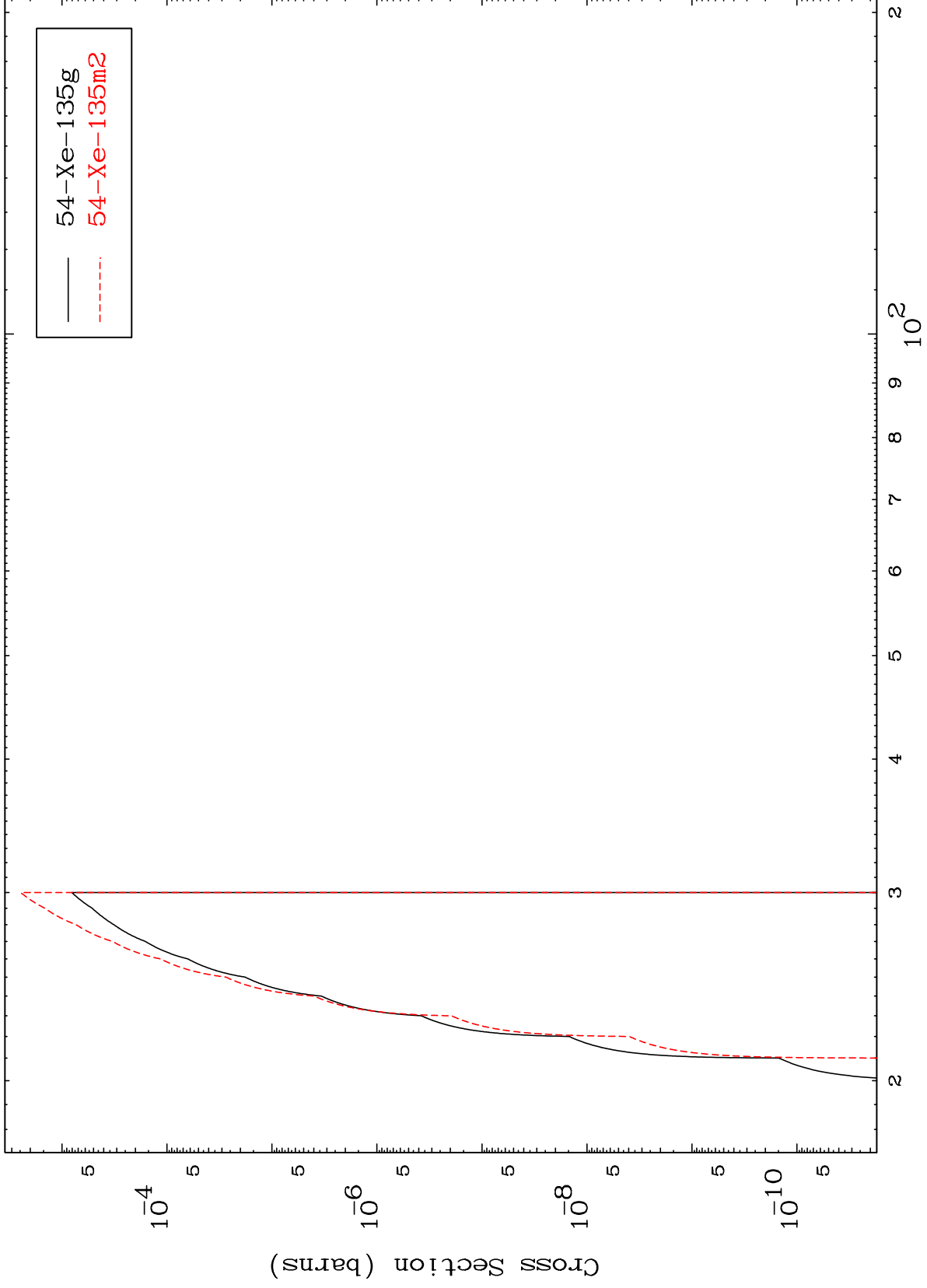


55-Cs-138g
55-Cs-138m3

MAT 5541

55-Cs-138

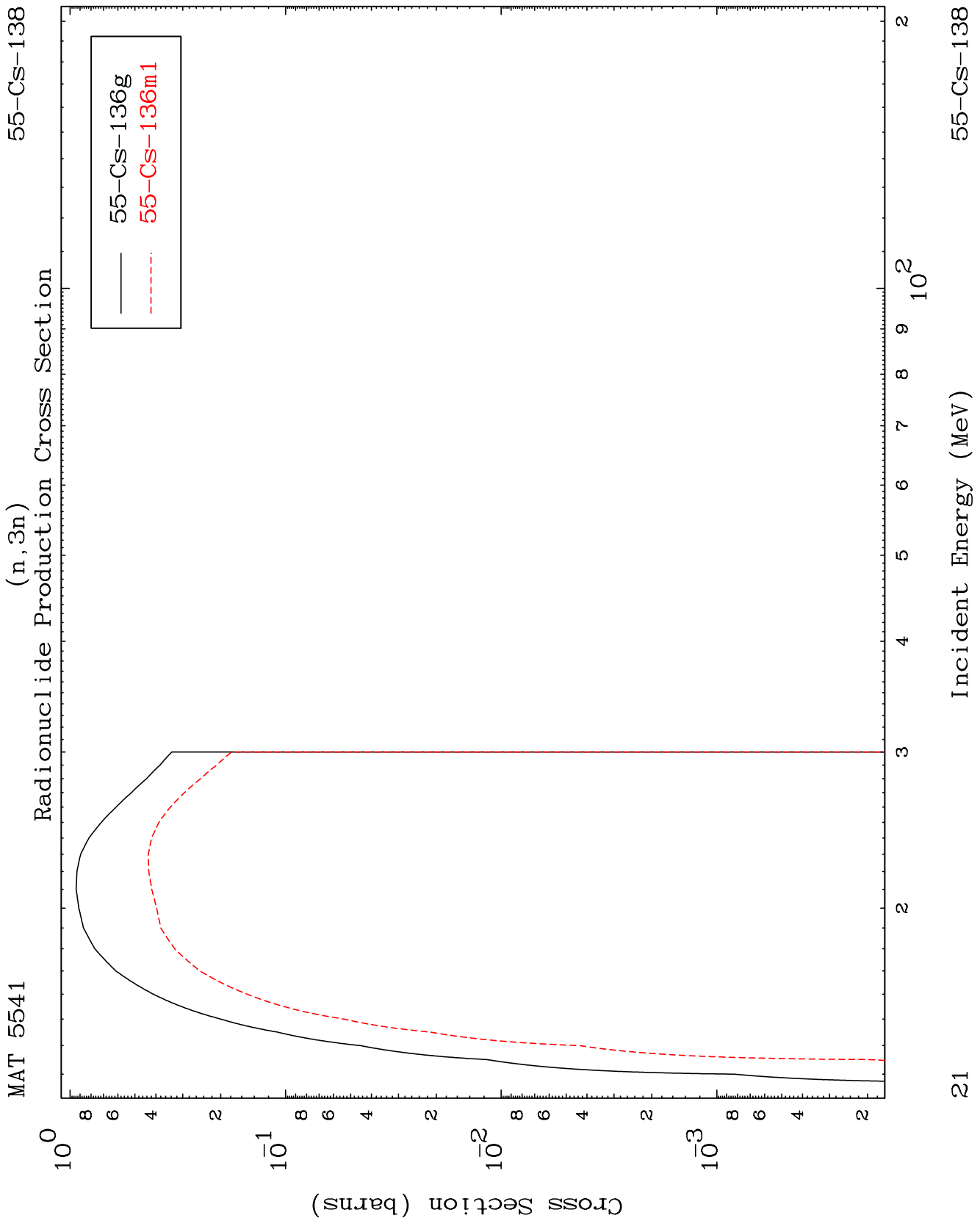
(n,2n) d
Radionuclide Production Cross Section



20

Incident Energy (MeV)

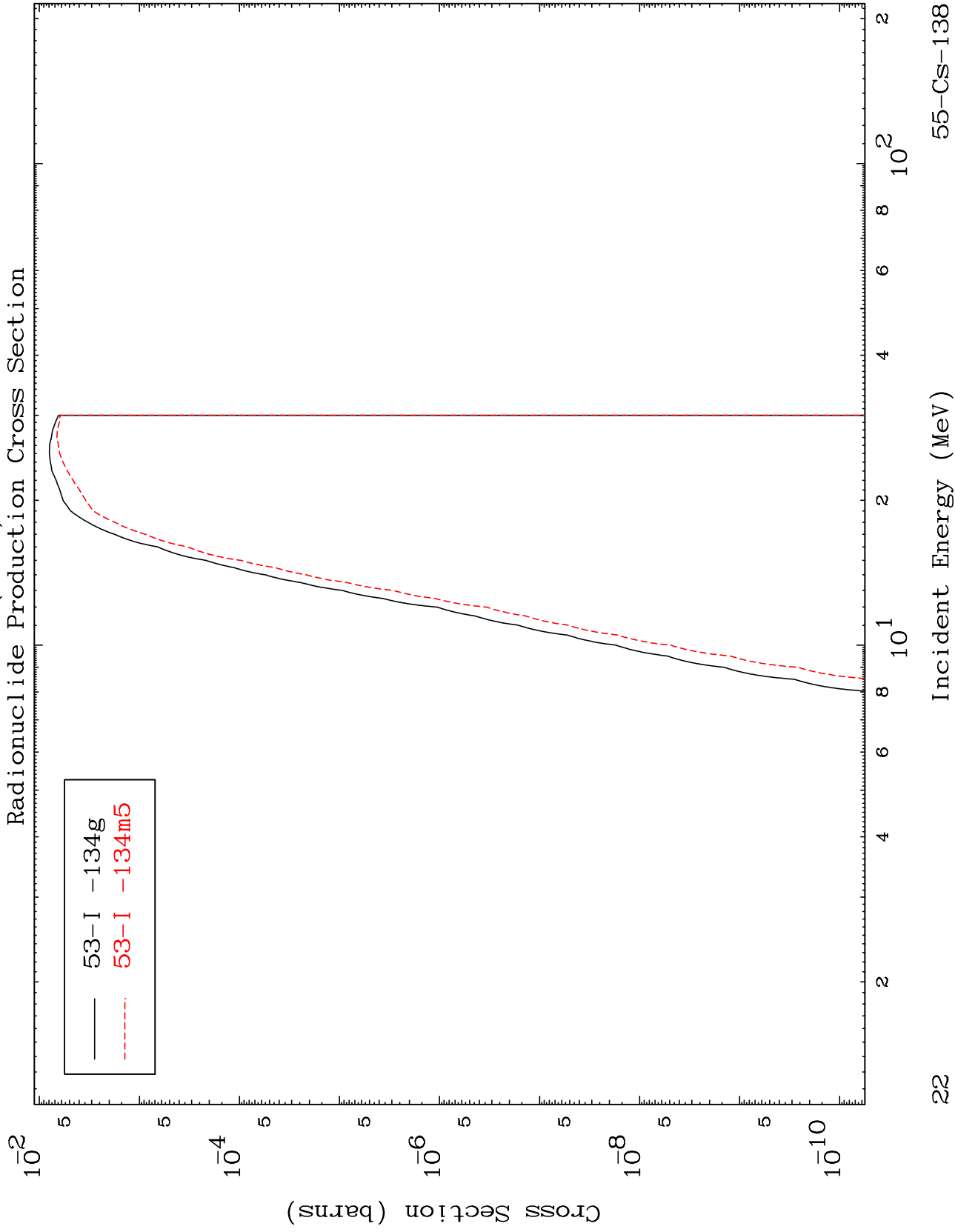
55-Cs-138



MAT 5541

(n,n') α

55-Cs-138

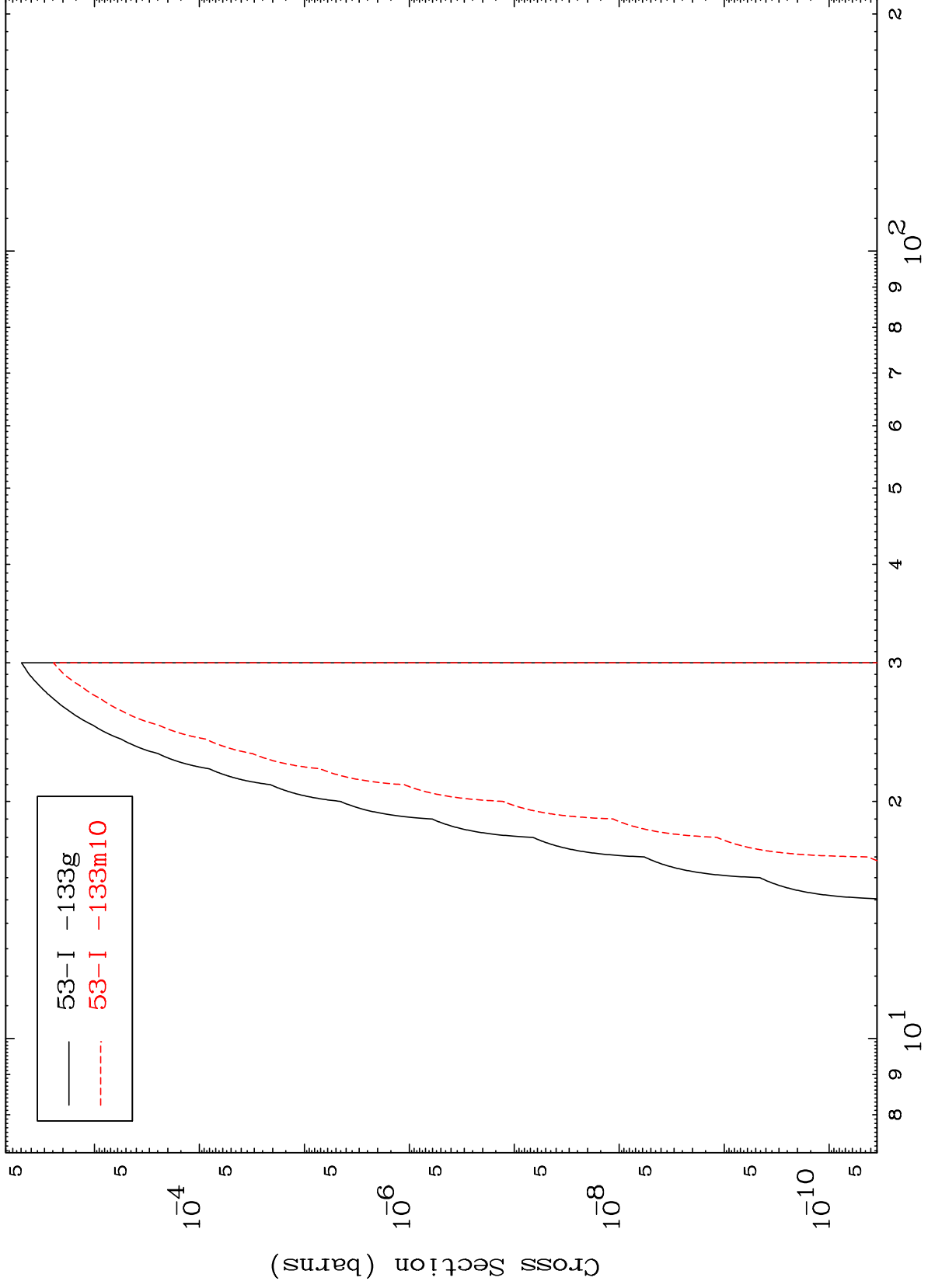


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(n,2n) α

55-Cs-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

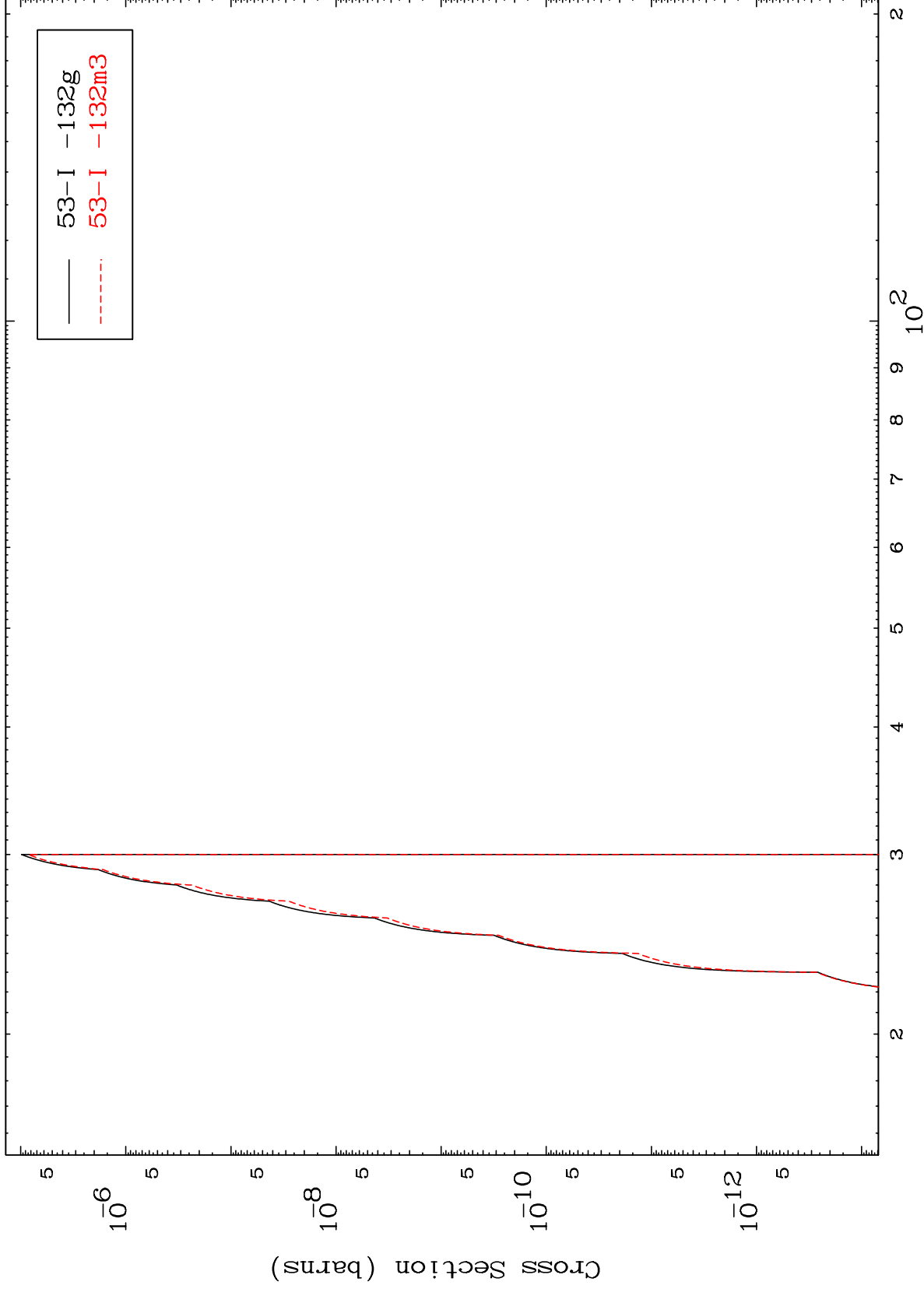
55-Cs-138

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(n,3n) α

55-Cs-138

Radionuclide Production Cross Section

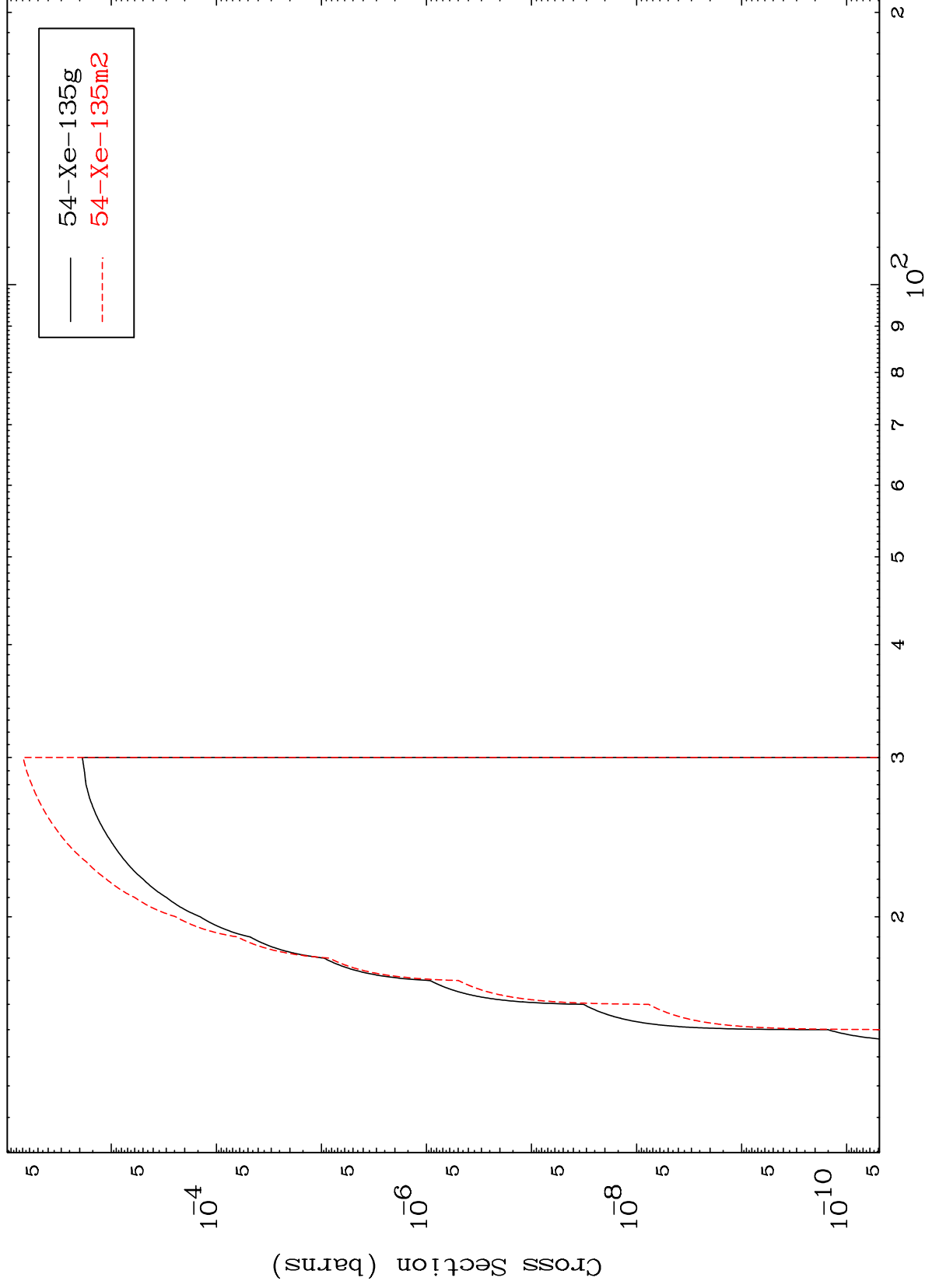


24

Incident Energy (MeV)

55-Cs-138

Radionuclide Production Cross Section

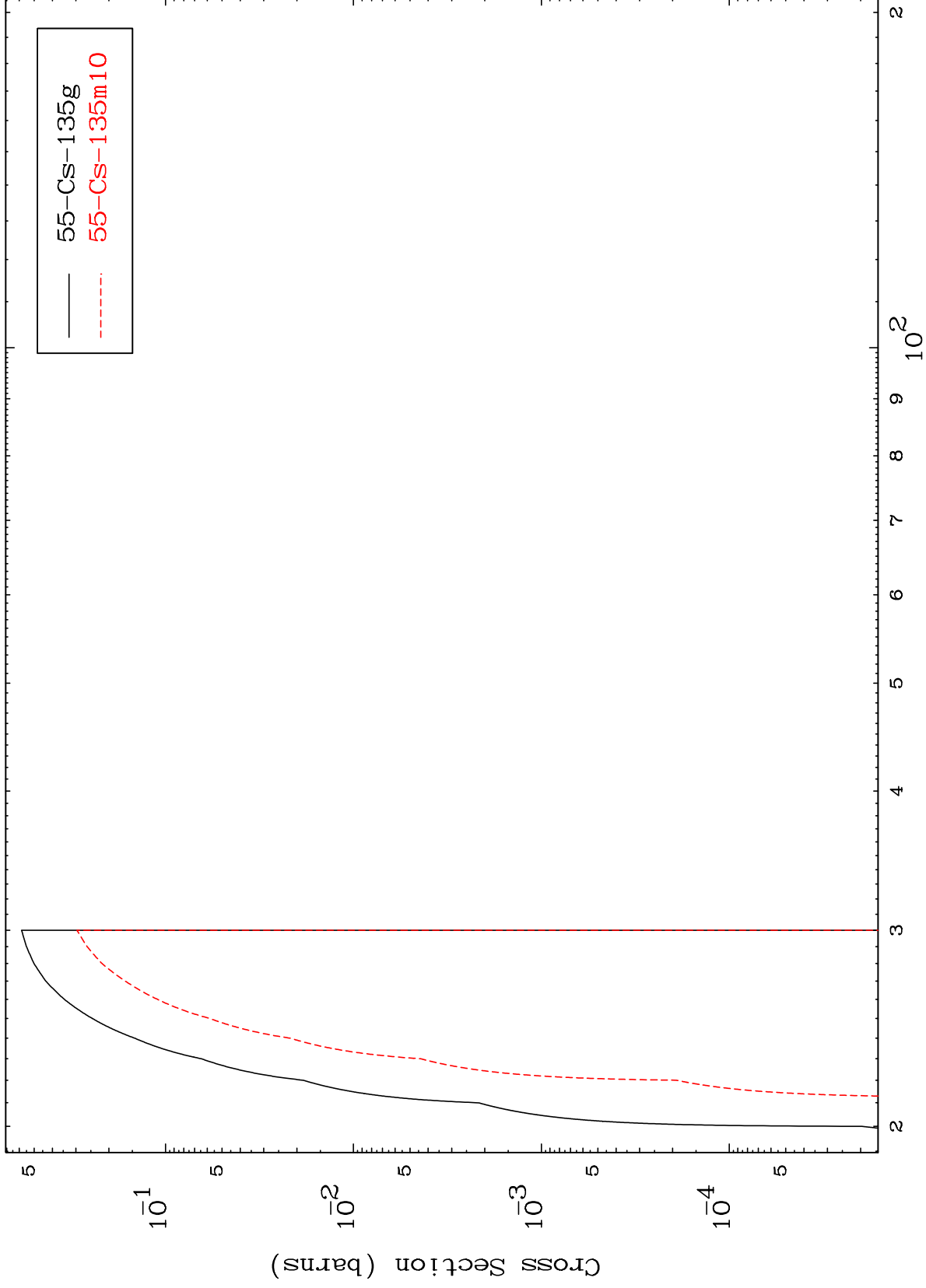


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(n,4n)

55-Cs-138

Radionuclide Production Cross Section



26

Incident Energy (MeV)

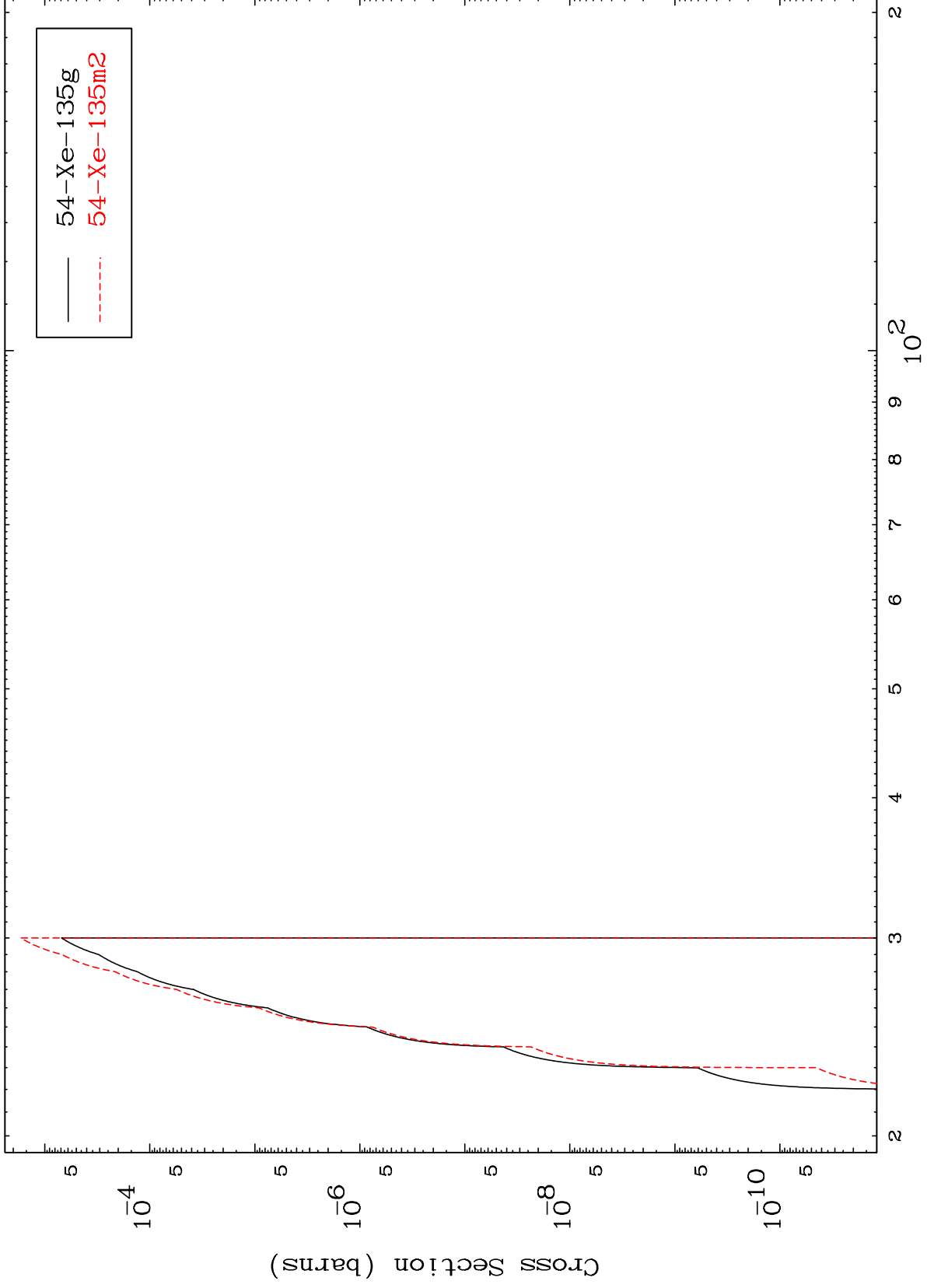
55-Cs-138

MAT 5541

(n,3n) p

55-Cs-138

Radionuclide Production Cross Section



27

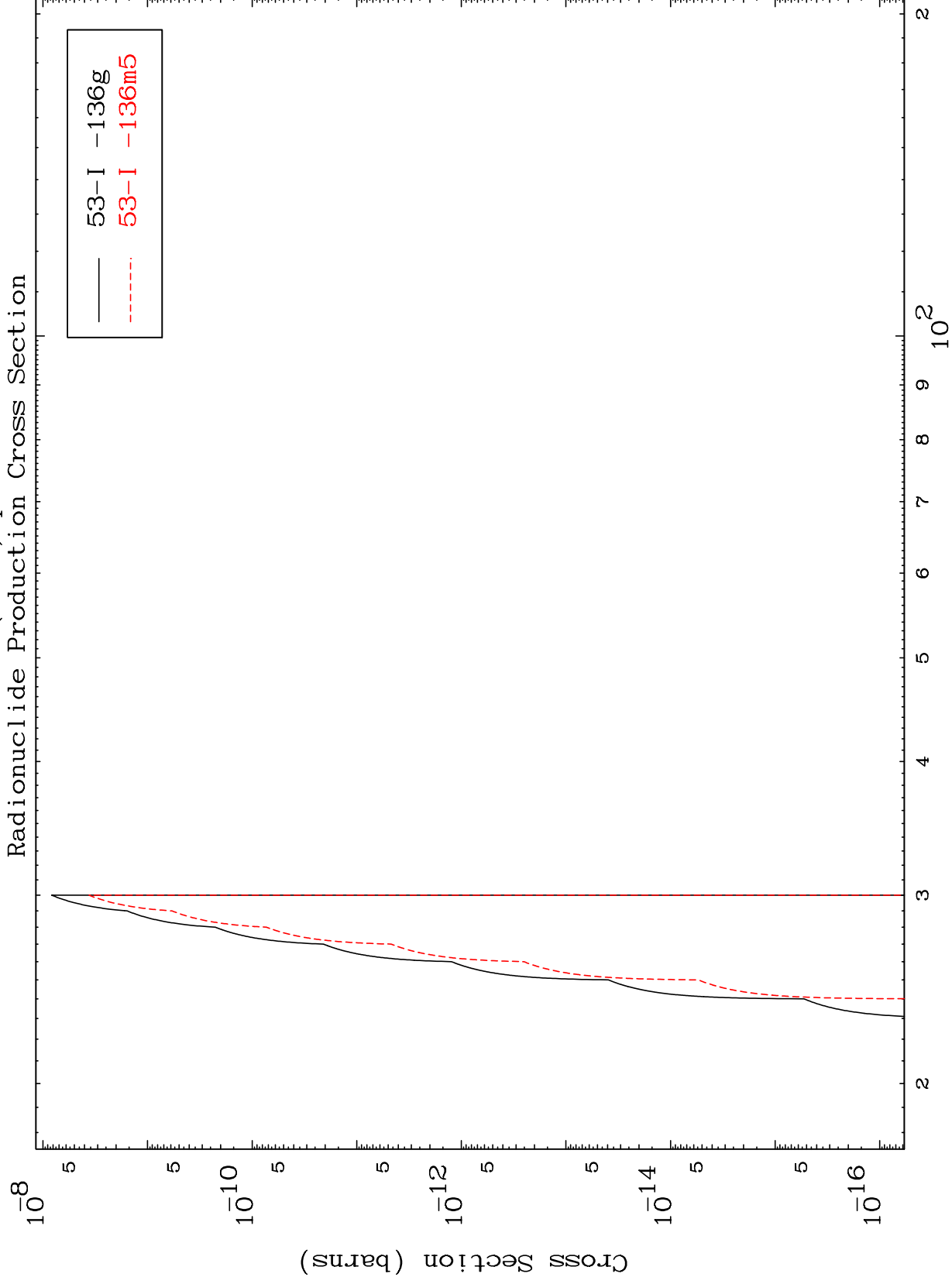
Incident Energy (MeV)

55-Cs-138

MAT 5541

55-Cs-138

(n,2n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

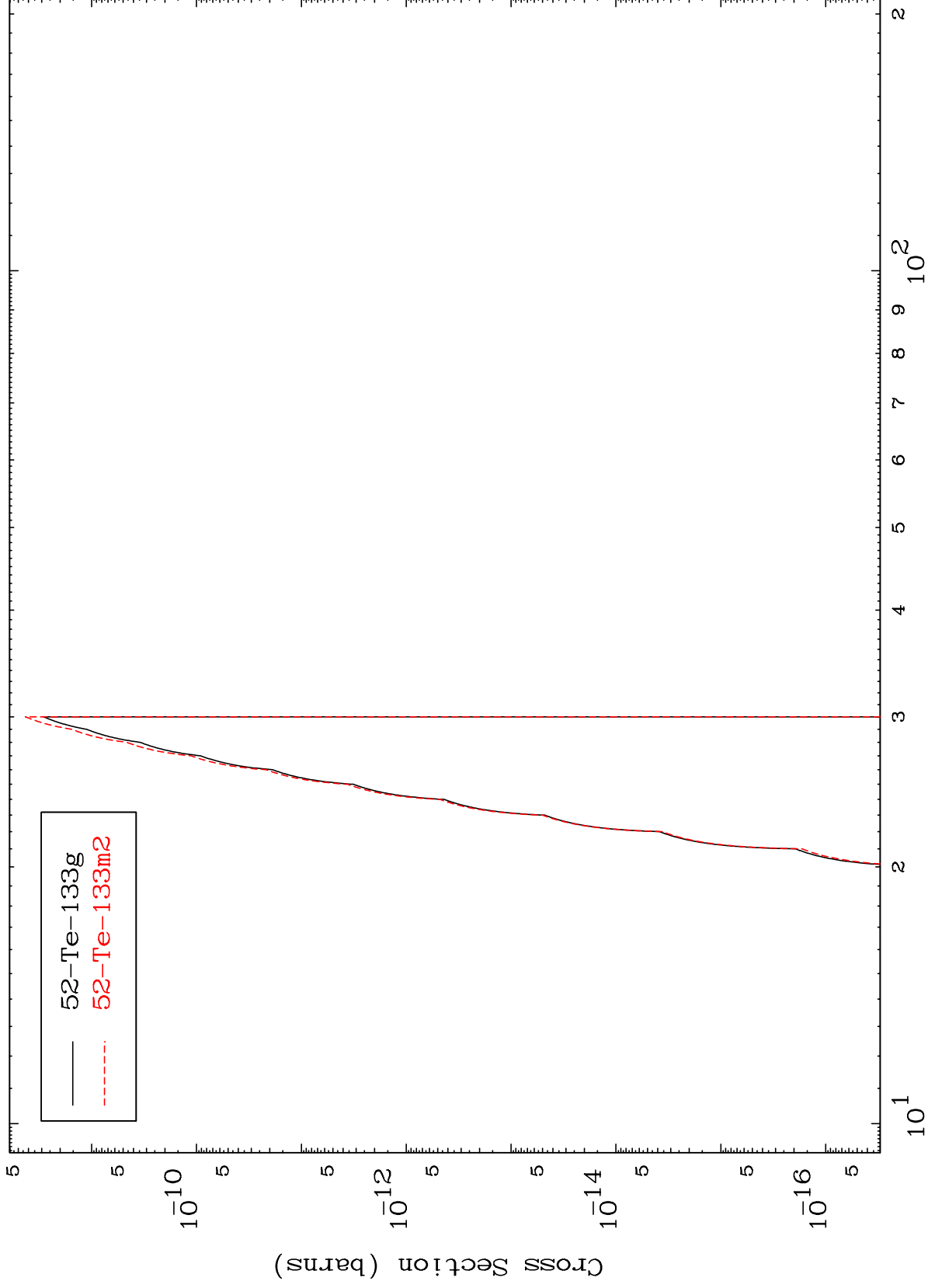
55-Cs-138

MAT 5541

(n,n') p α

55-Cs-138

Radionuclide Production Cross Section



29

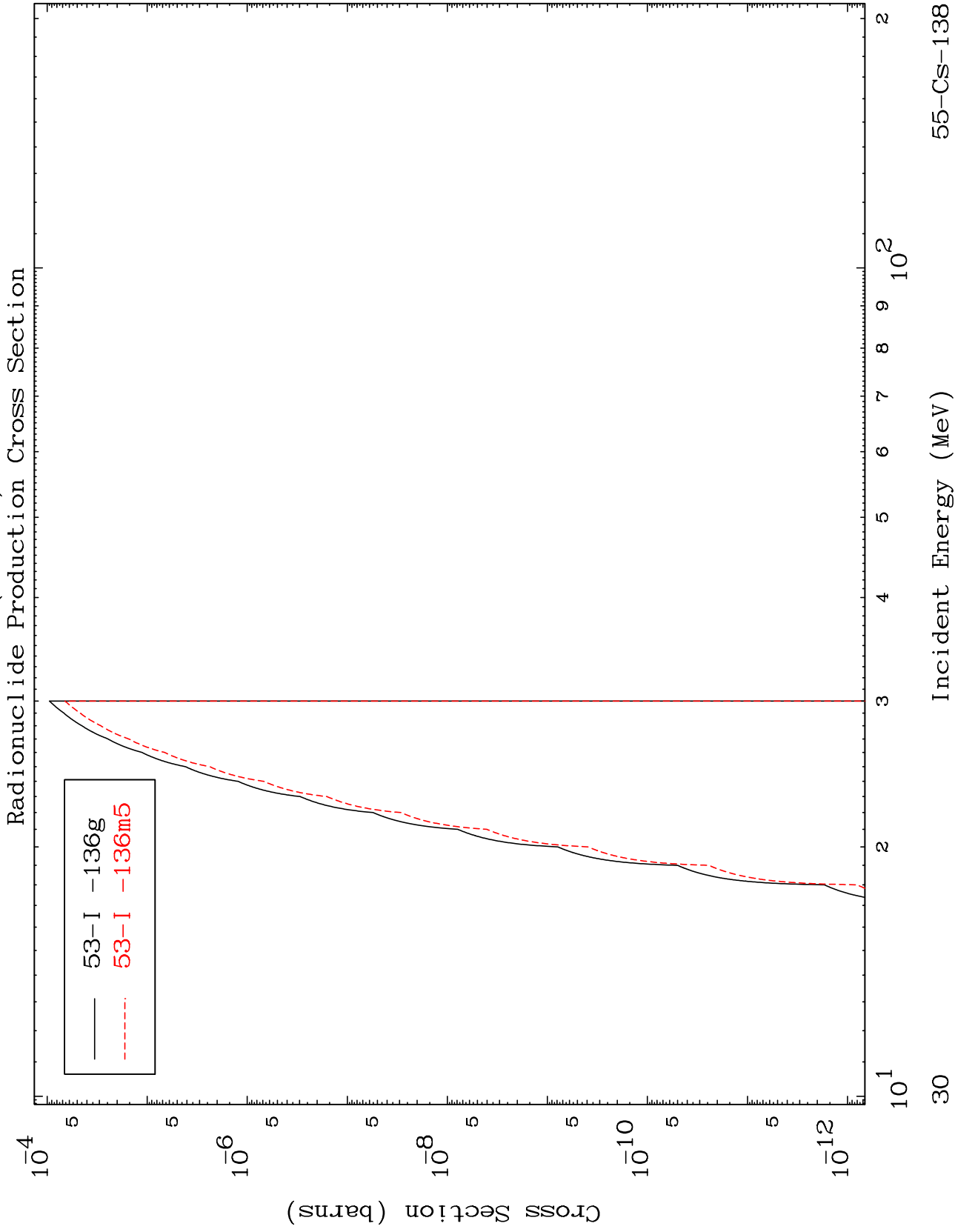
Incident Energy (MeV)

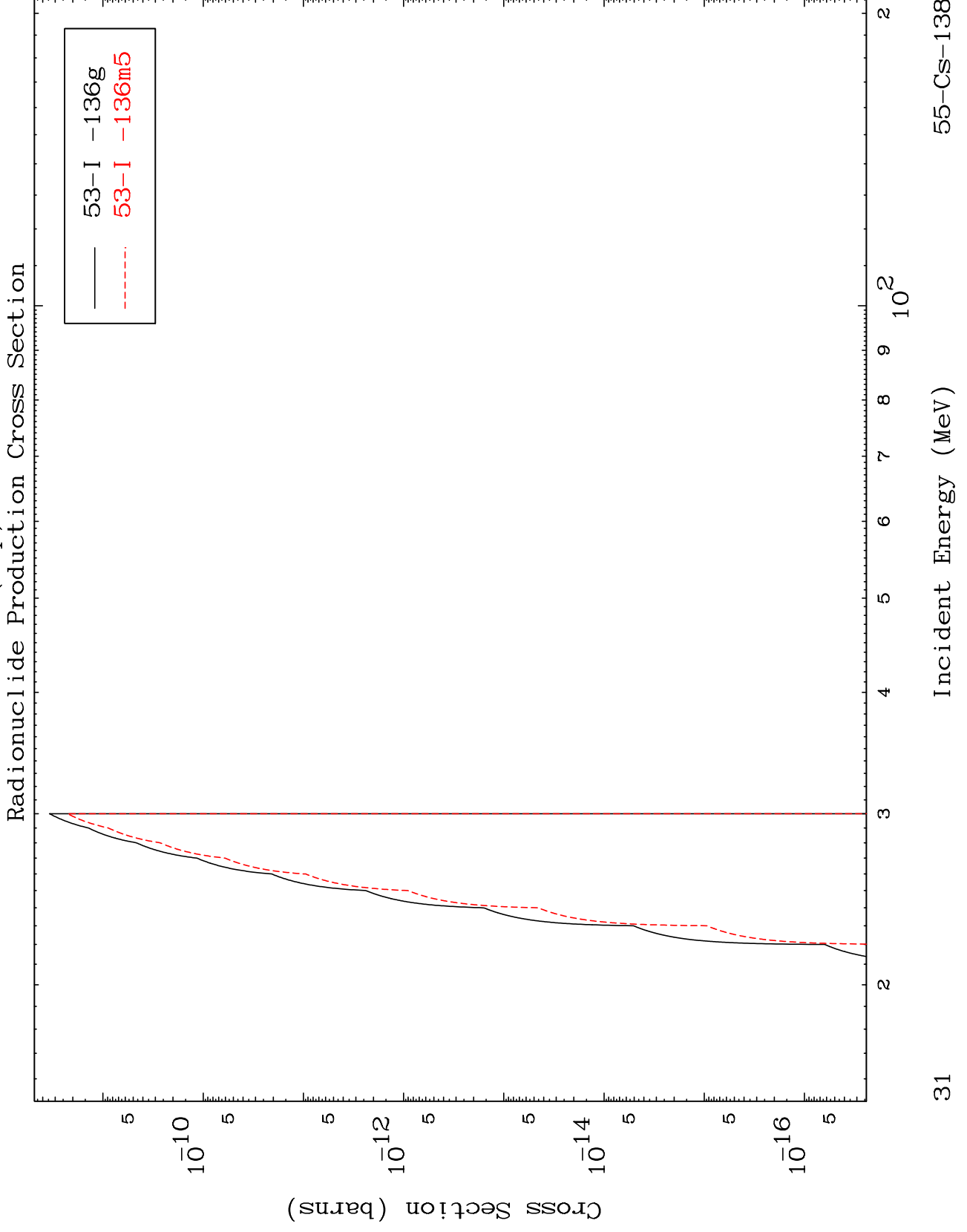
55-Cs-138

MAT 5541

(n,He-3)

55-Cs-138



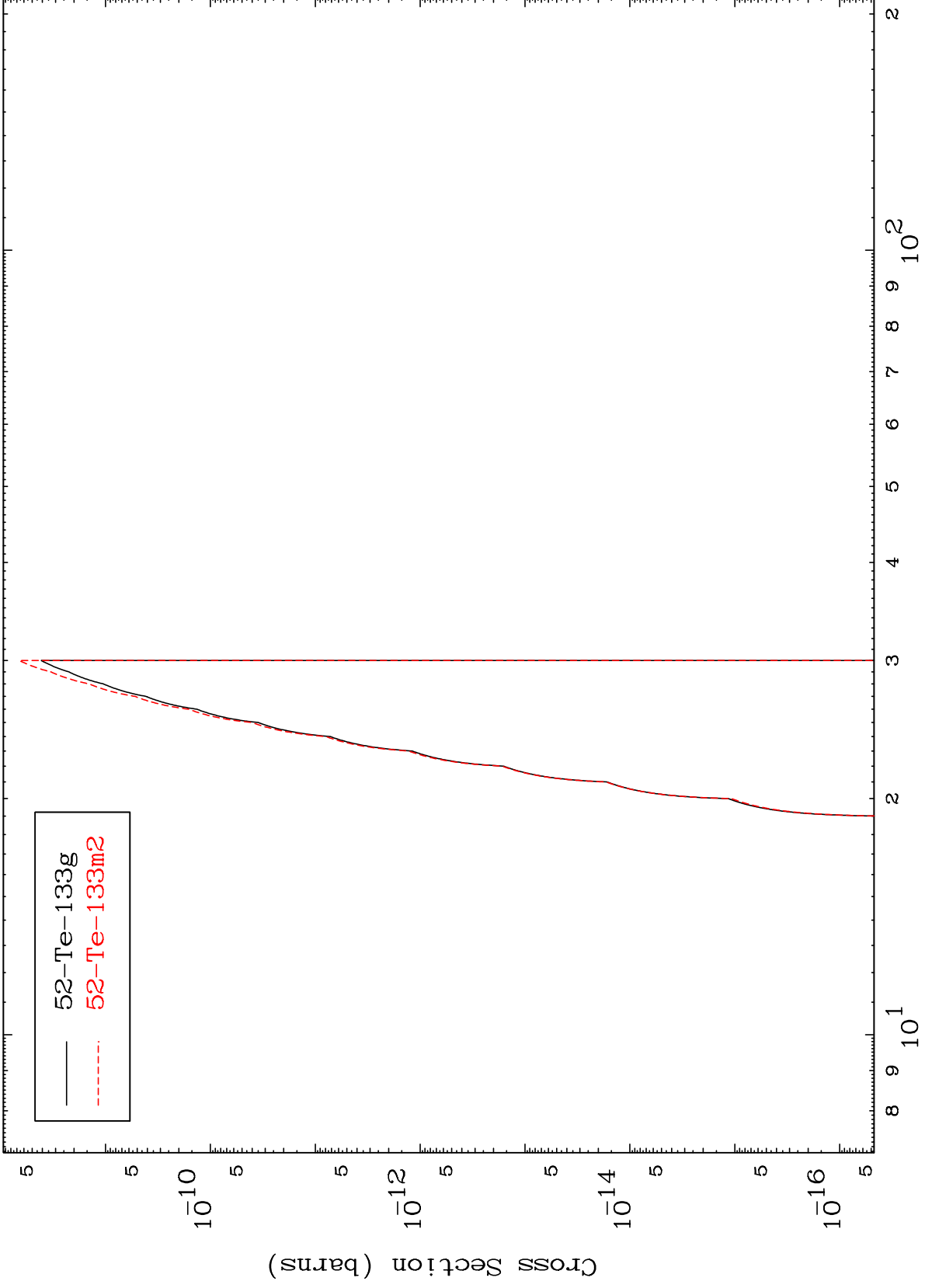


MAT 5541

(n,d) α

55-Cs-138

Radionuclide Production Cross Section



32

Incident Energy (MeV)

55-Cs-138