

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

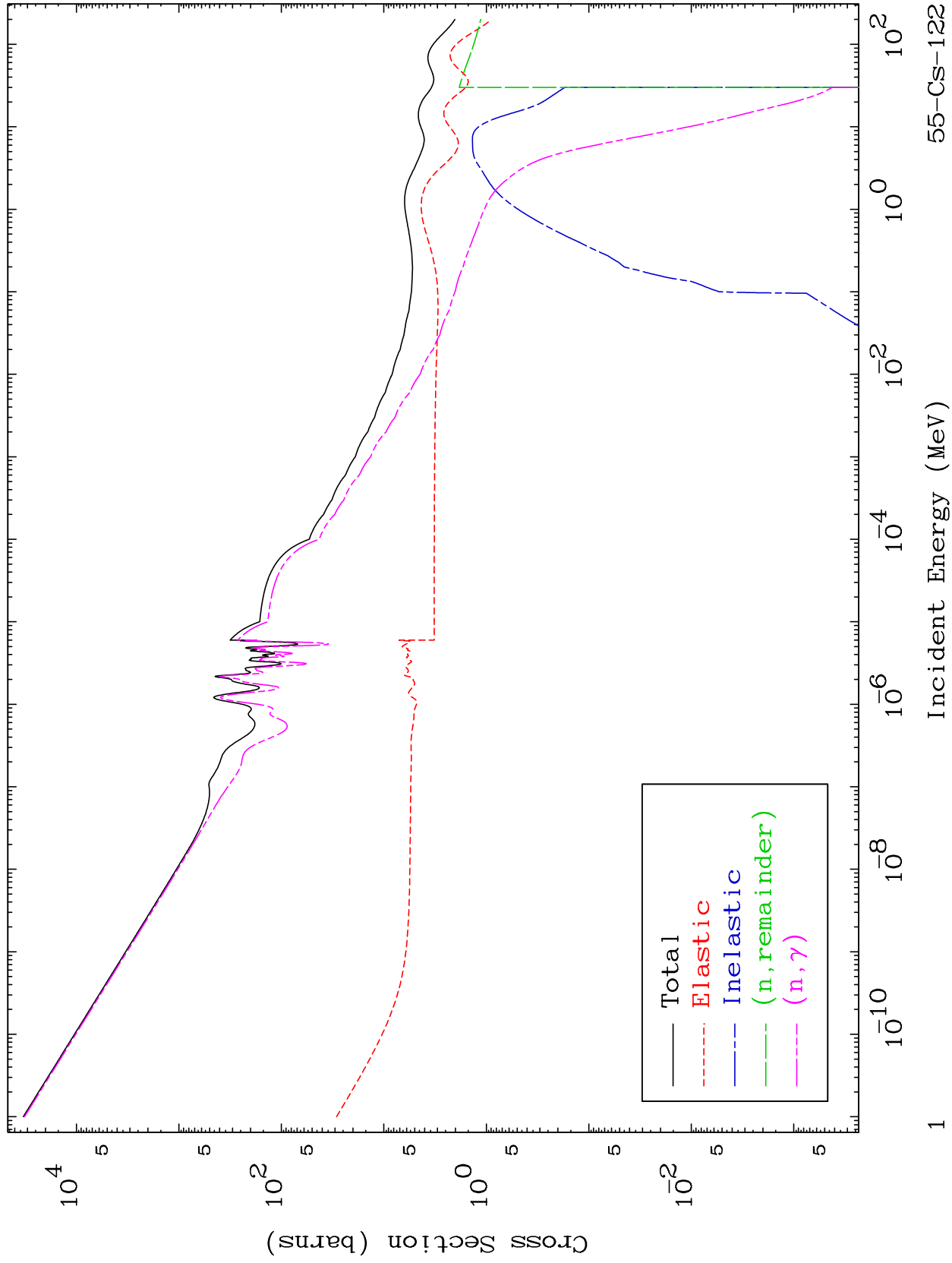
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5493

Major
293 Kelvin Cross Sections

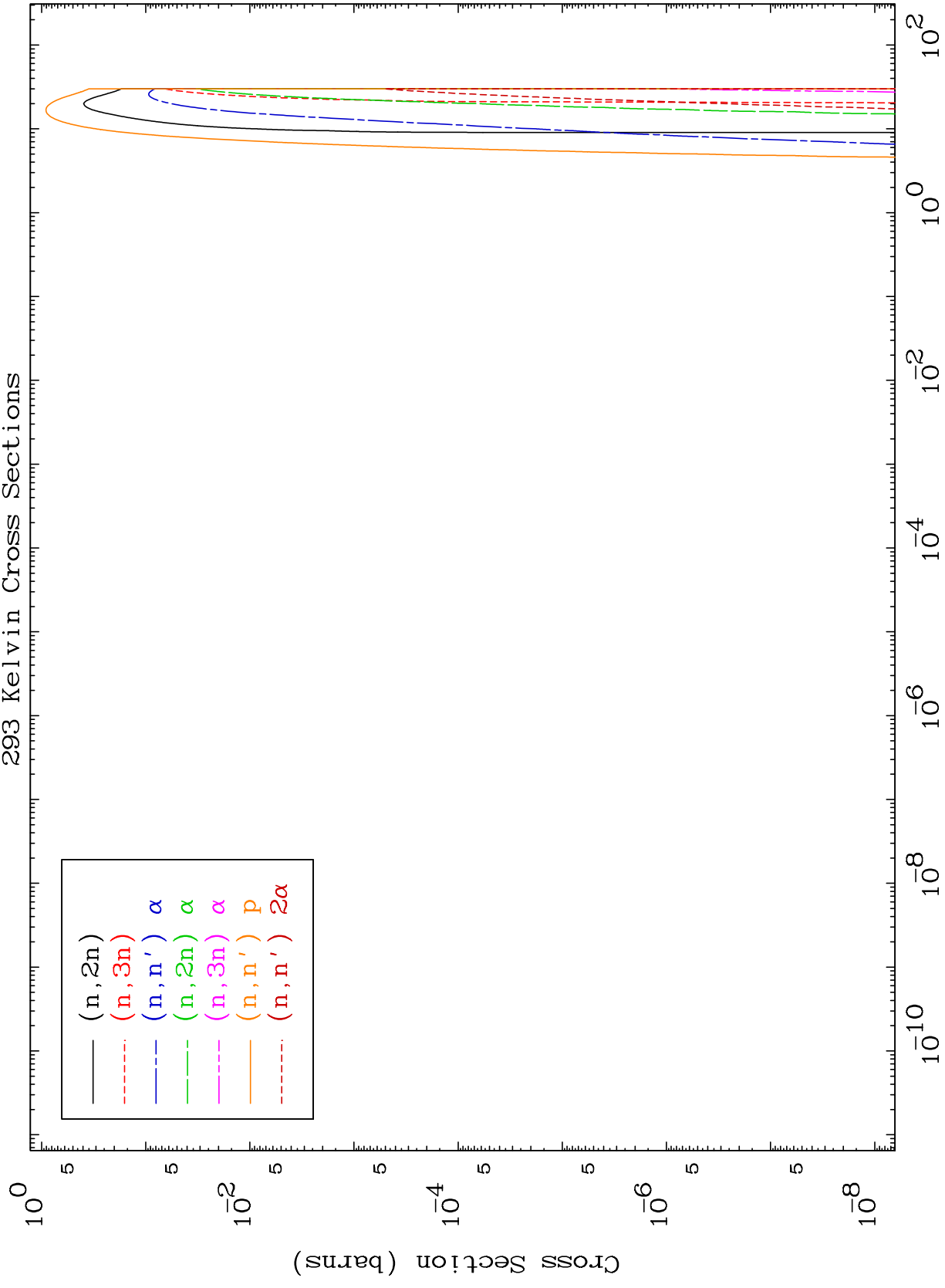
55-Cs-122



MAT 5493

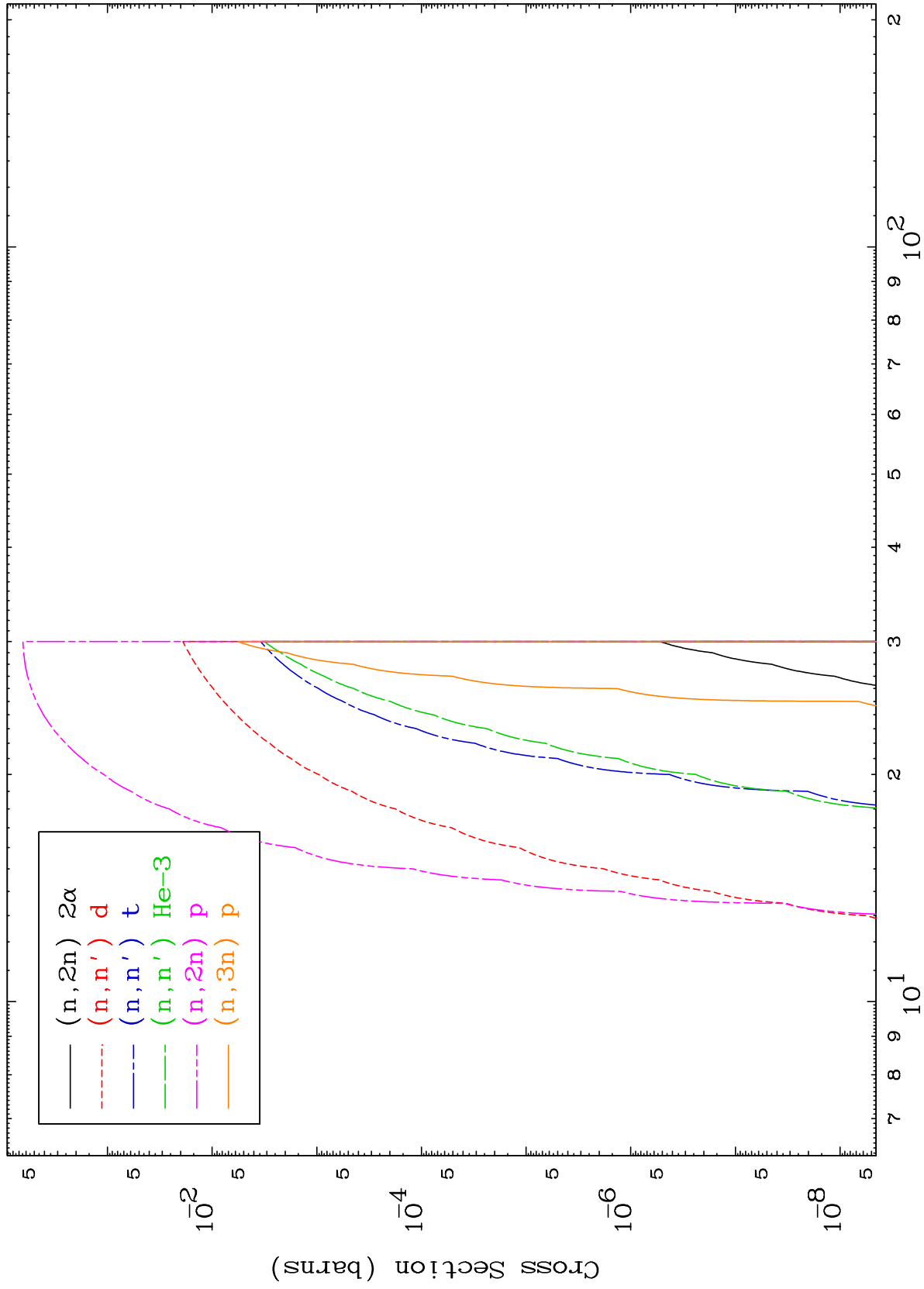
Neutron Production
293 Kelvin Cross Sections

55-Cs-122



2

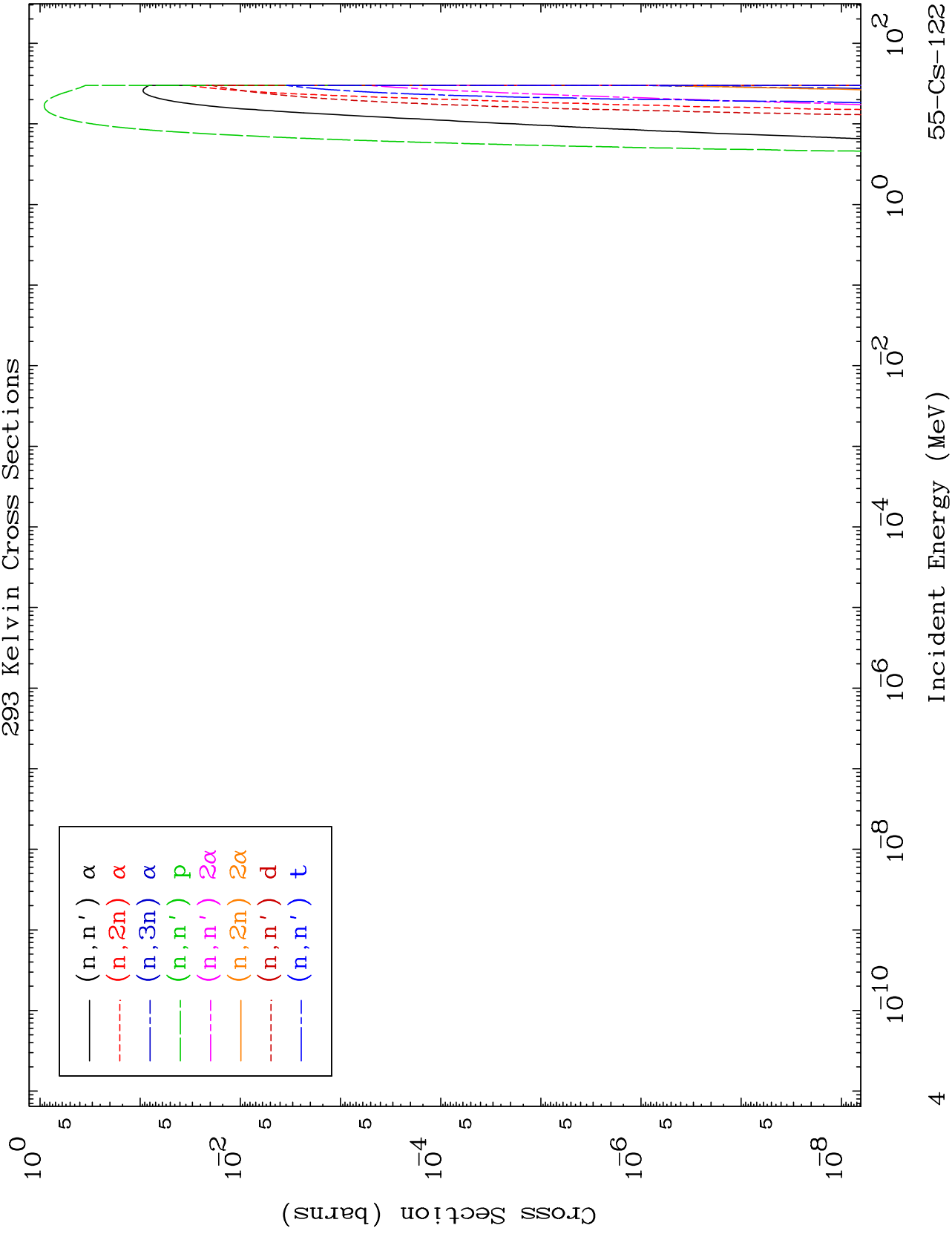
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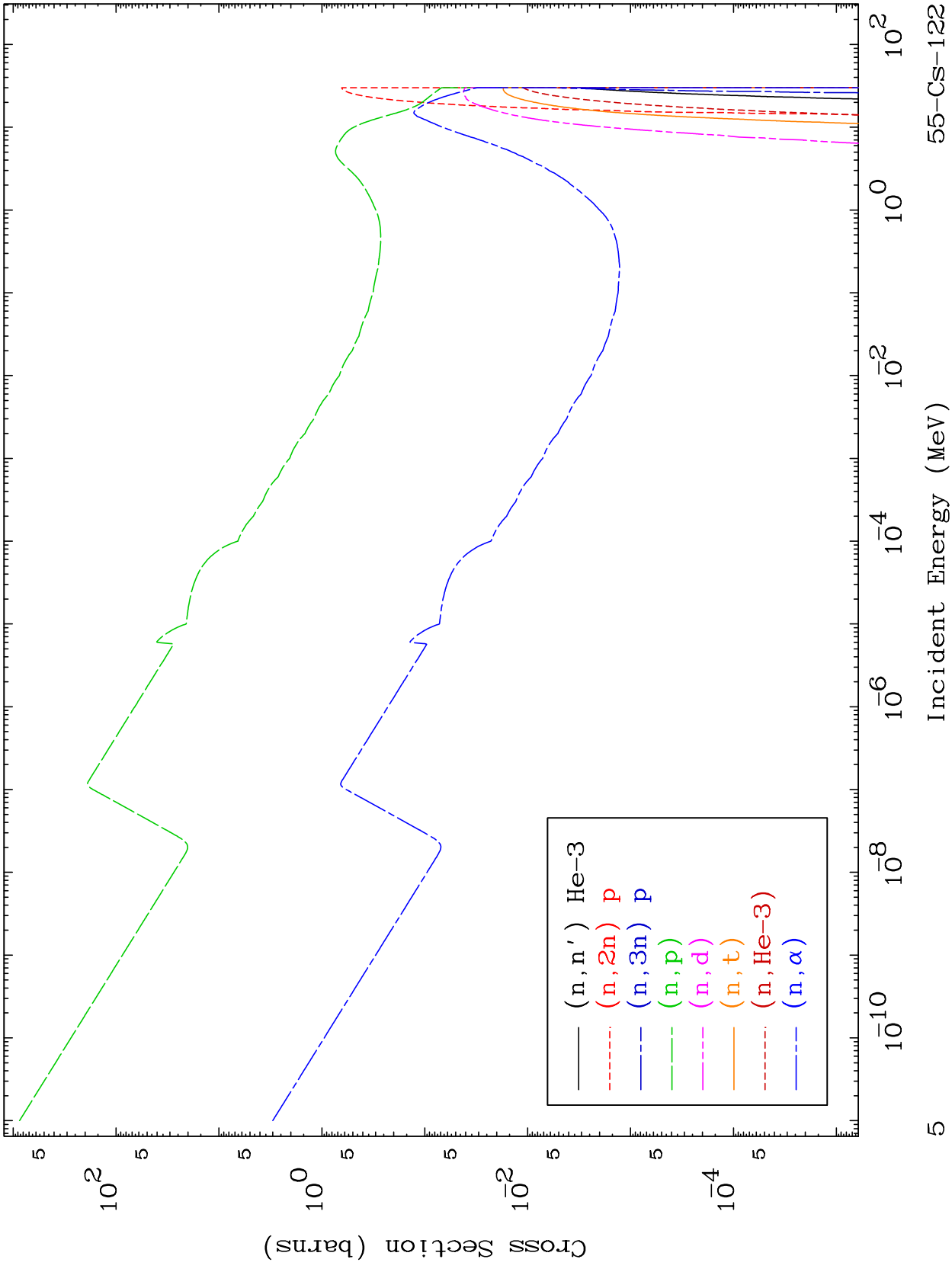


MAT 5493

293 Charged Particle
Kelvin Cross Sections

55-Cs-122

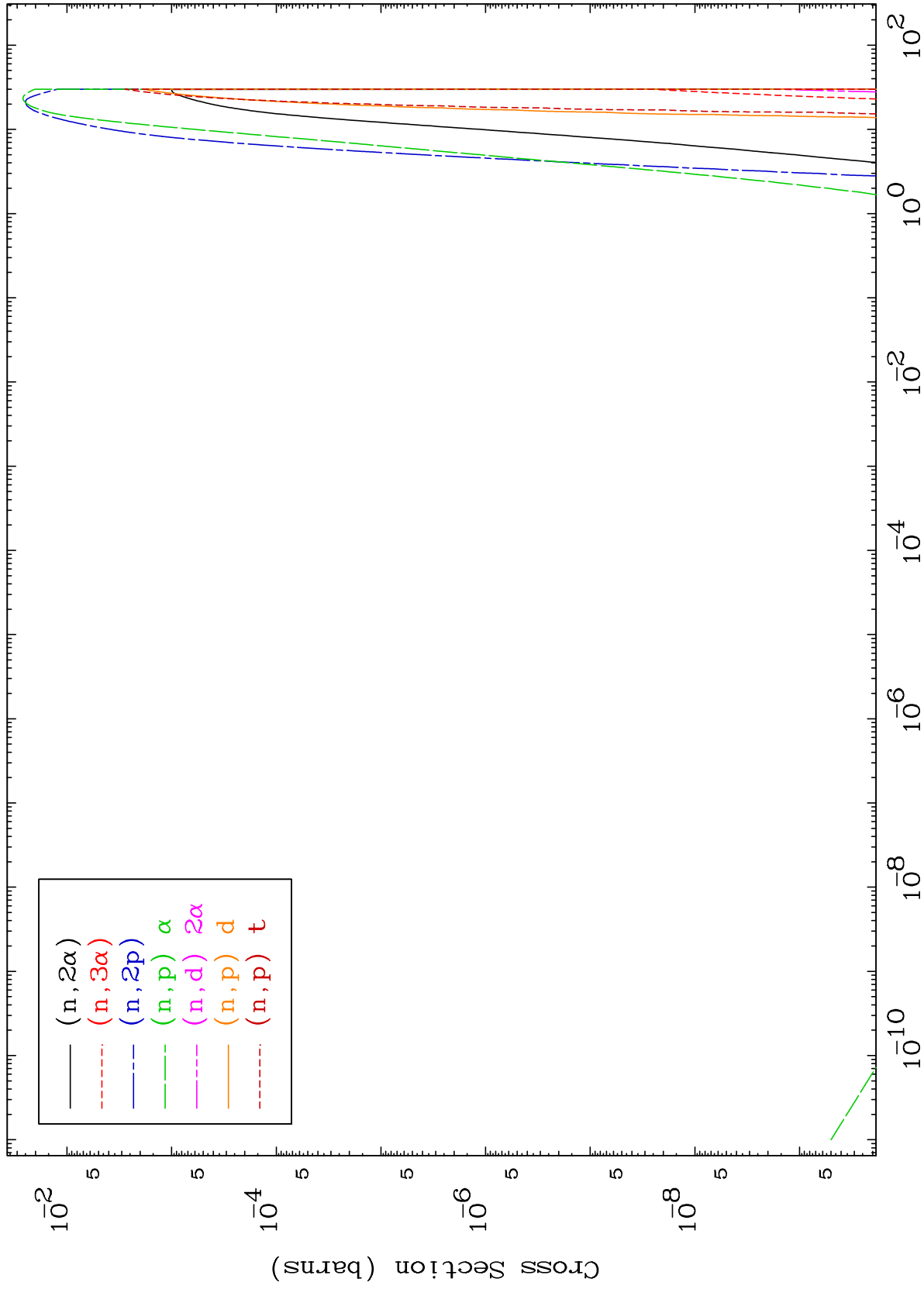




MAT 5493

Charged Particle
293 Kelvin Cross Sections

55-Cs-122

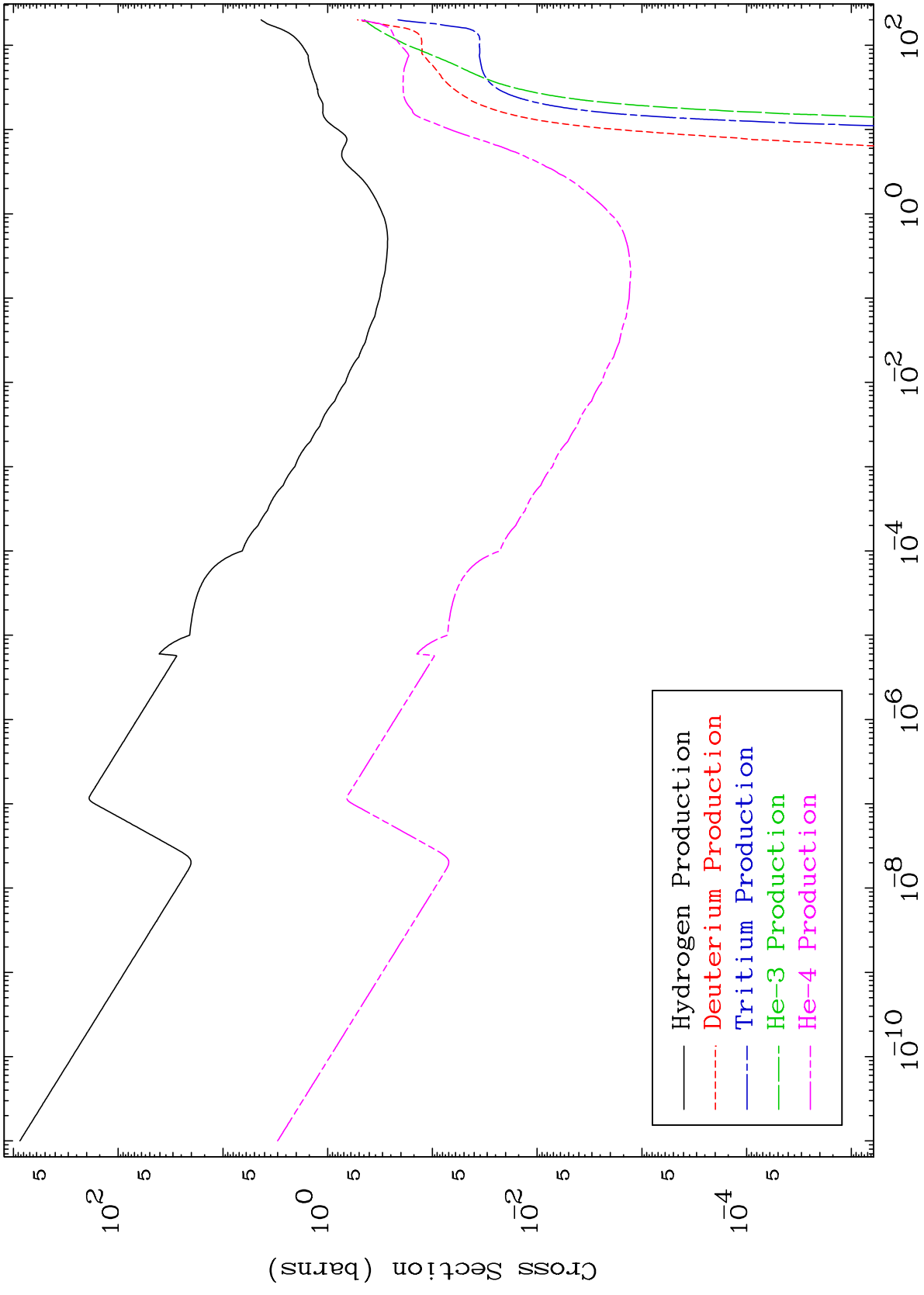


55-Cs-122

MAT 5493

Particle Production
293 Kelvin Cross Sections

55-Cs-122

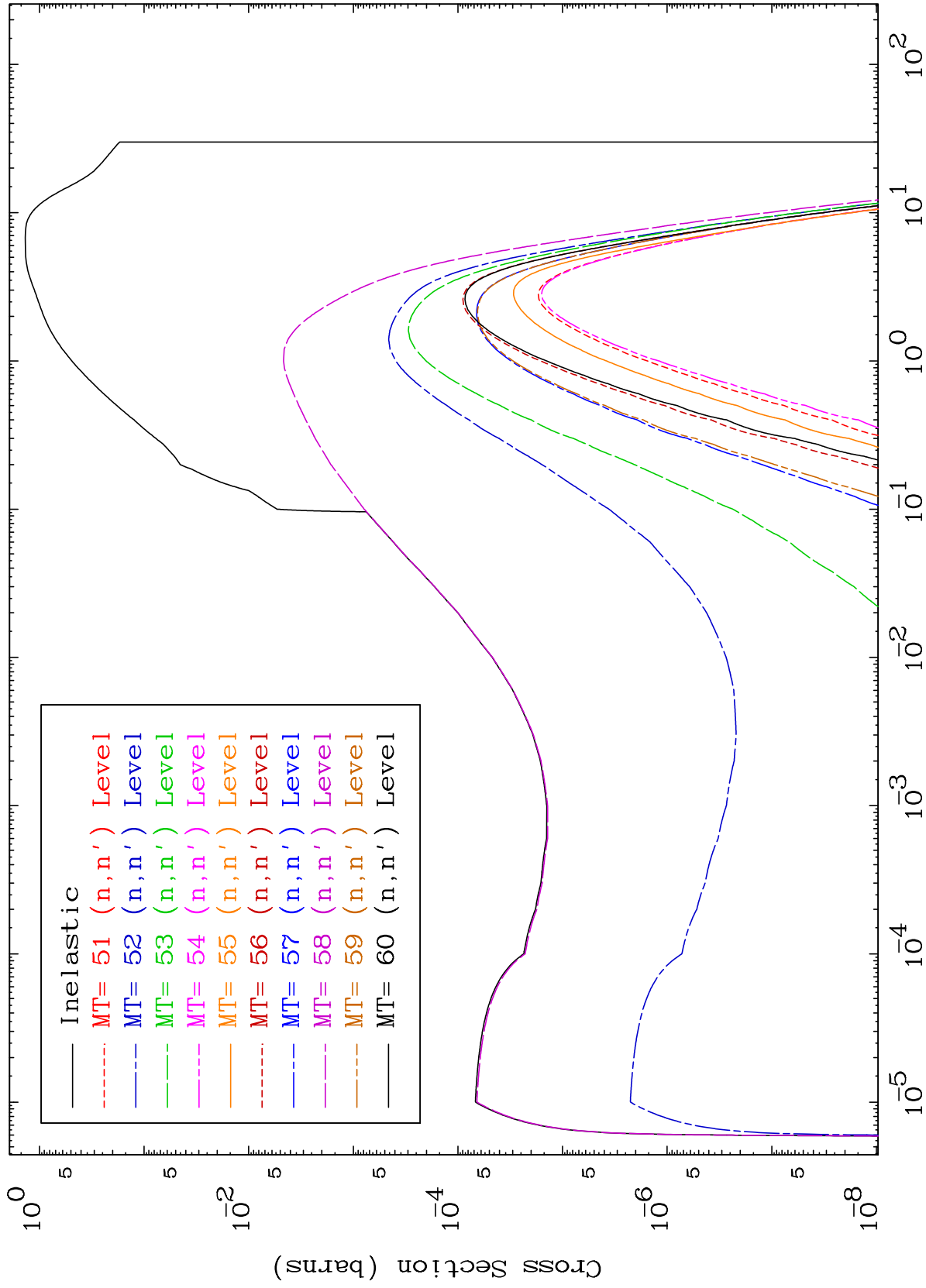


55-Cs-122

MAT 5493

293 Kelvin Cross Sections

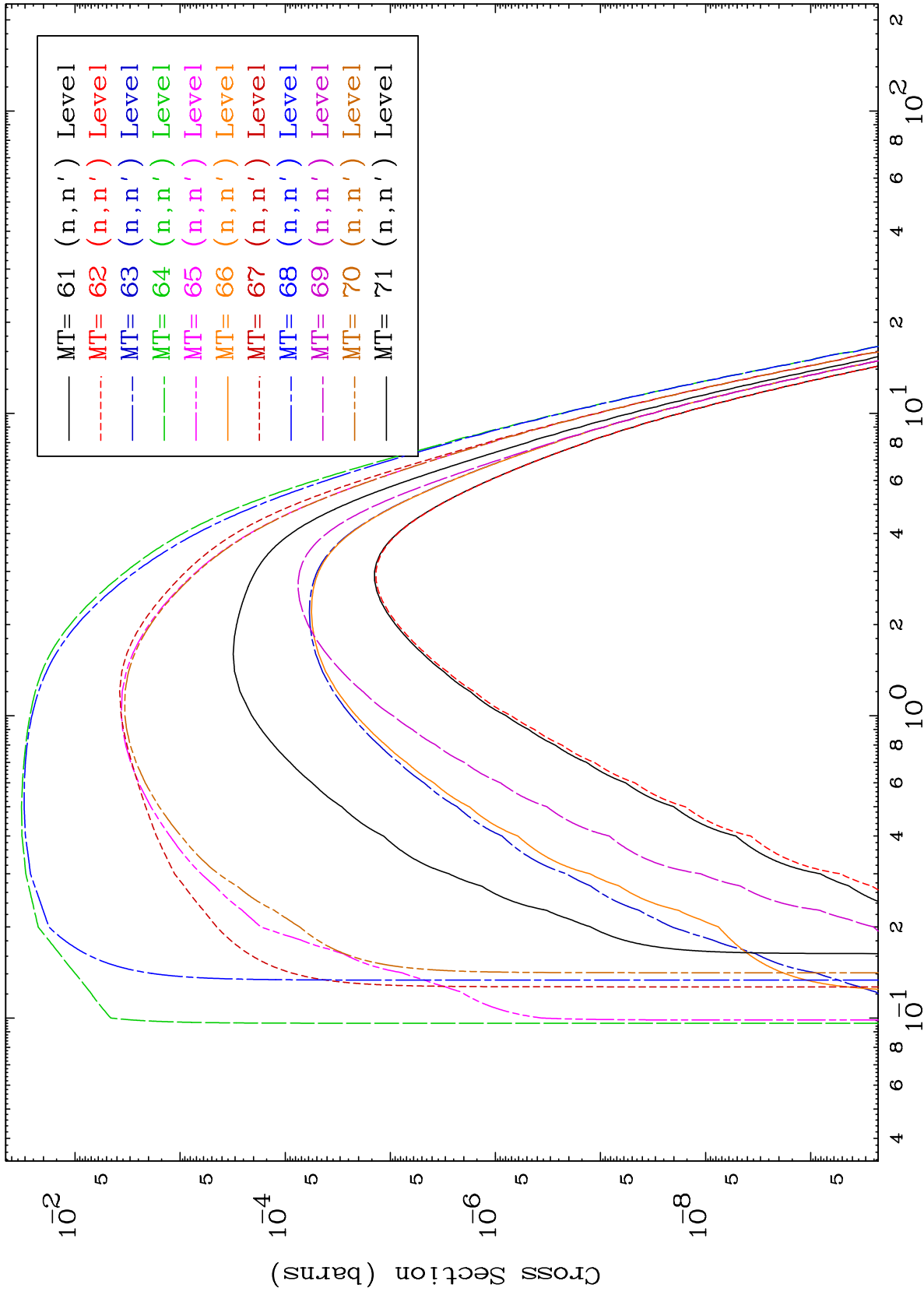
55-Cs-122



MAT 5493

(n,n') Level
293 Kelvin Cross Sections

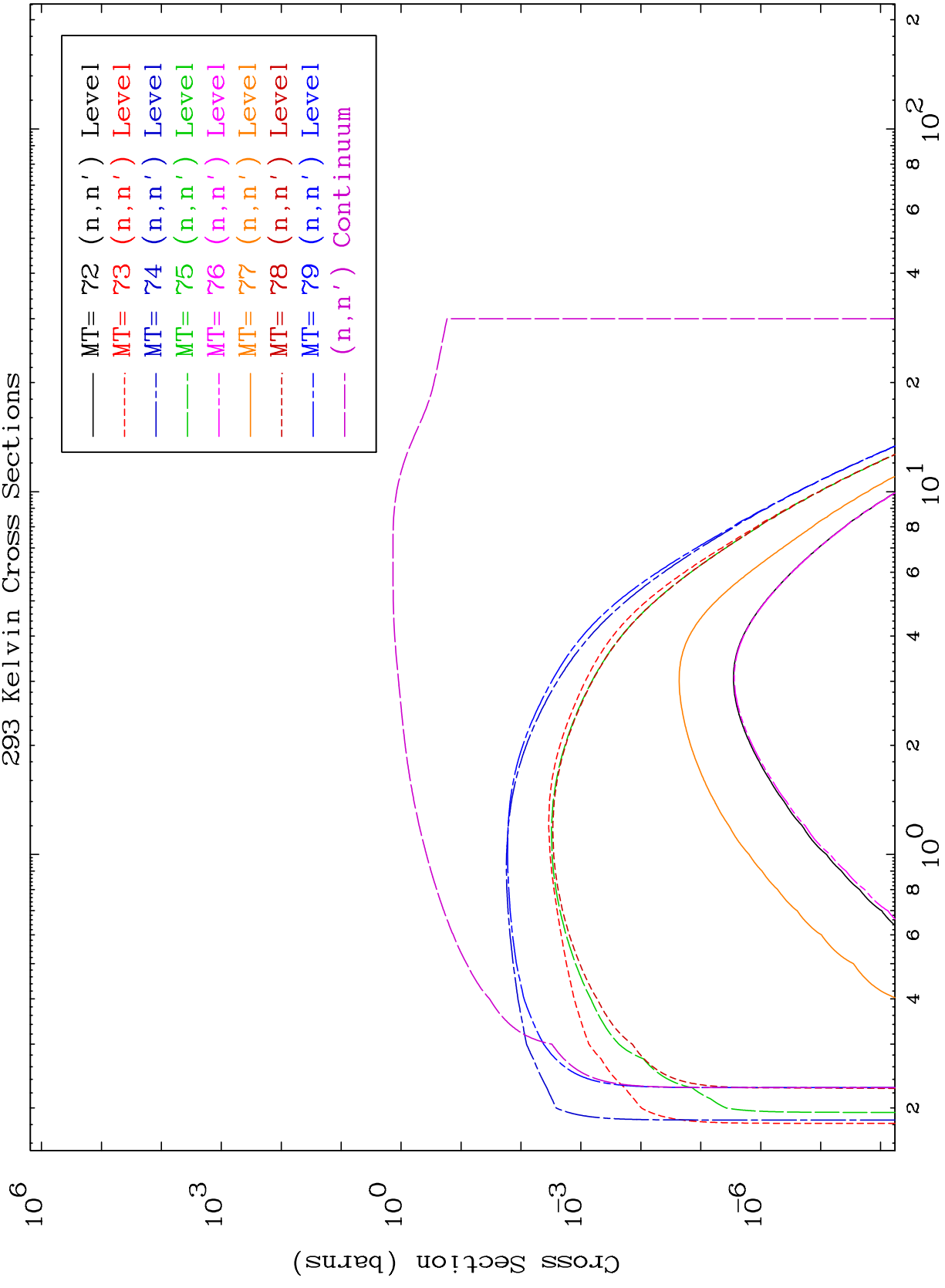
55-Cs-122



MAT 5493

(n,n') Level
293 Kelvin Cross Sections

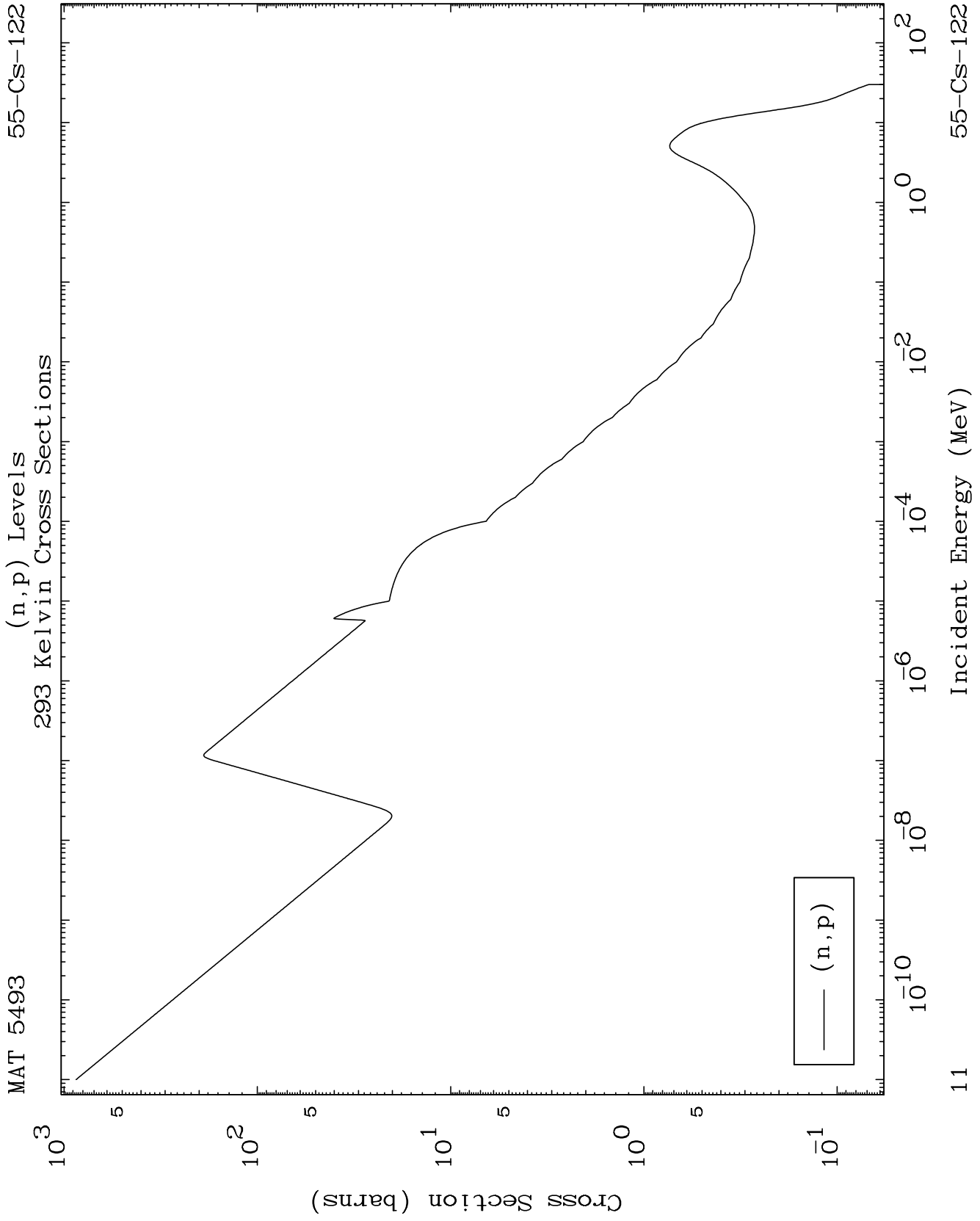
55-Cs-122



10

Incident Energy (MeV)

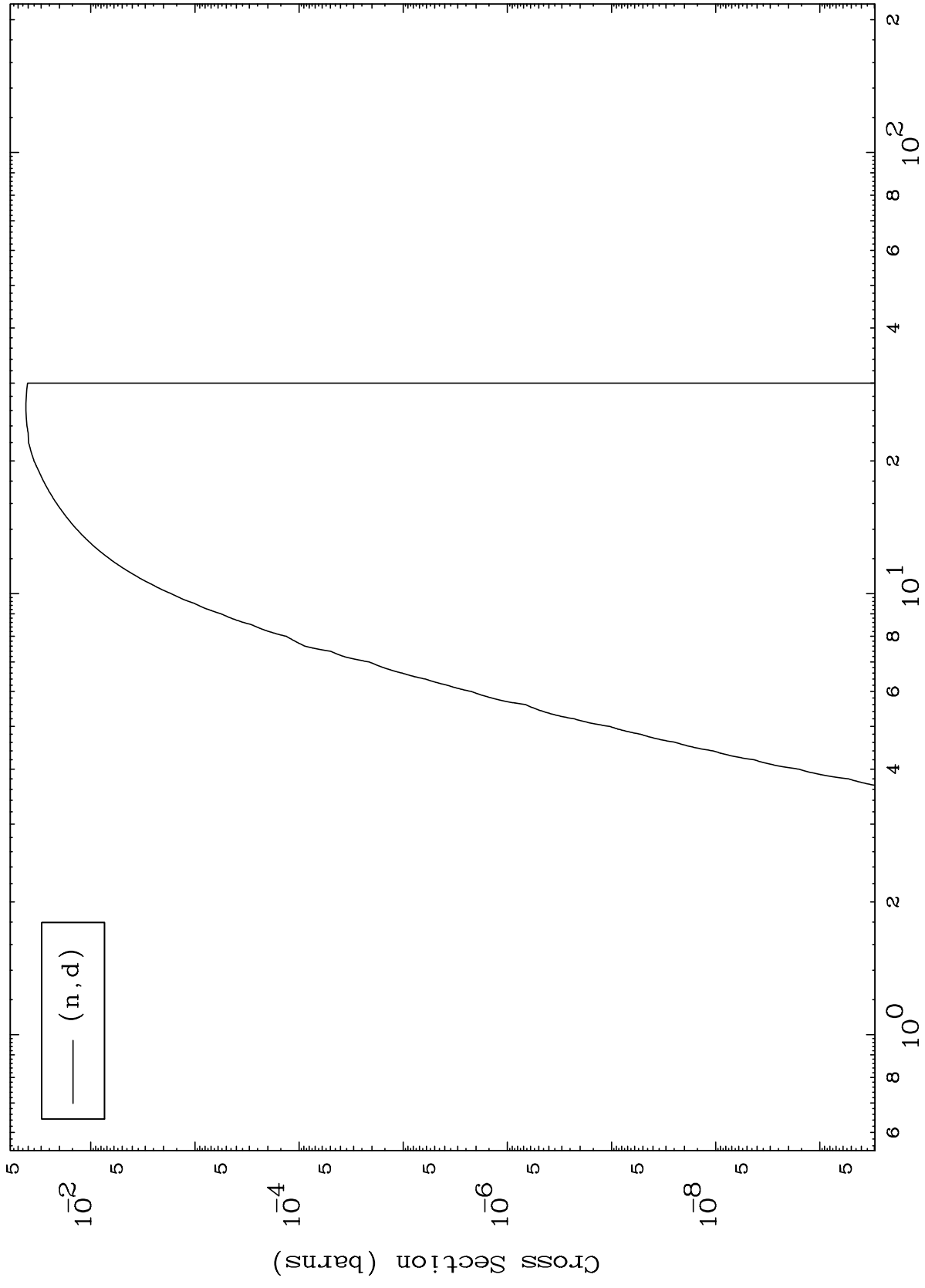
55-Cs-122



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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-122



12

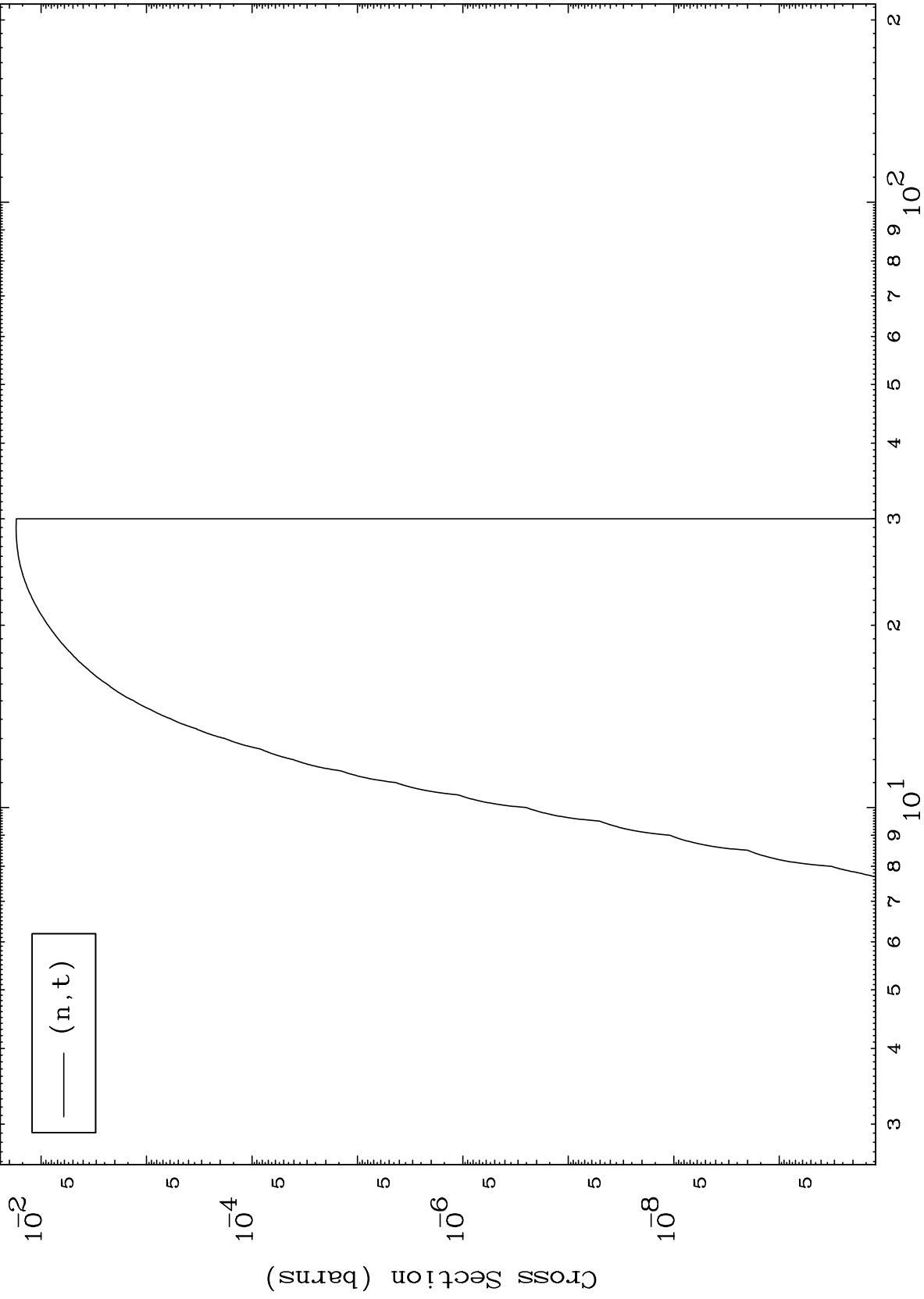
Incident Energy (MeV)

55-Cs-122

MAT 5493

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-122



13

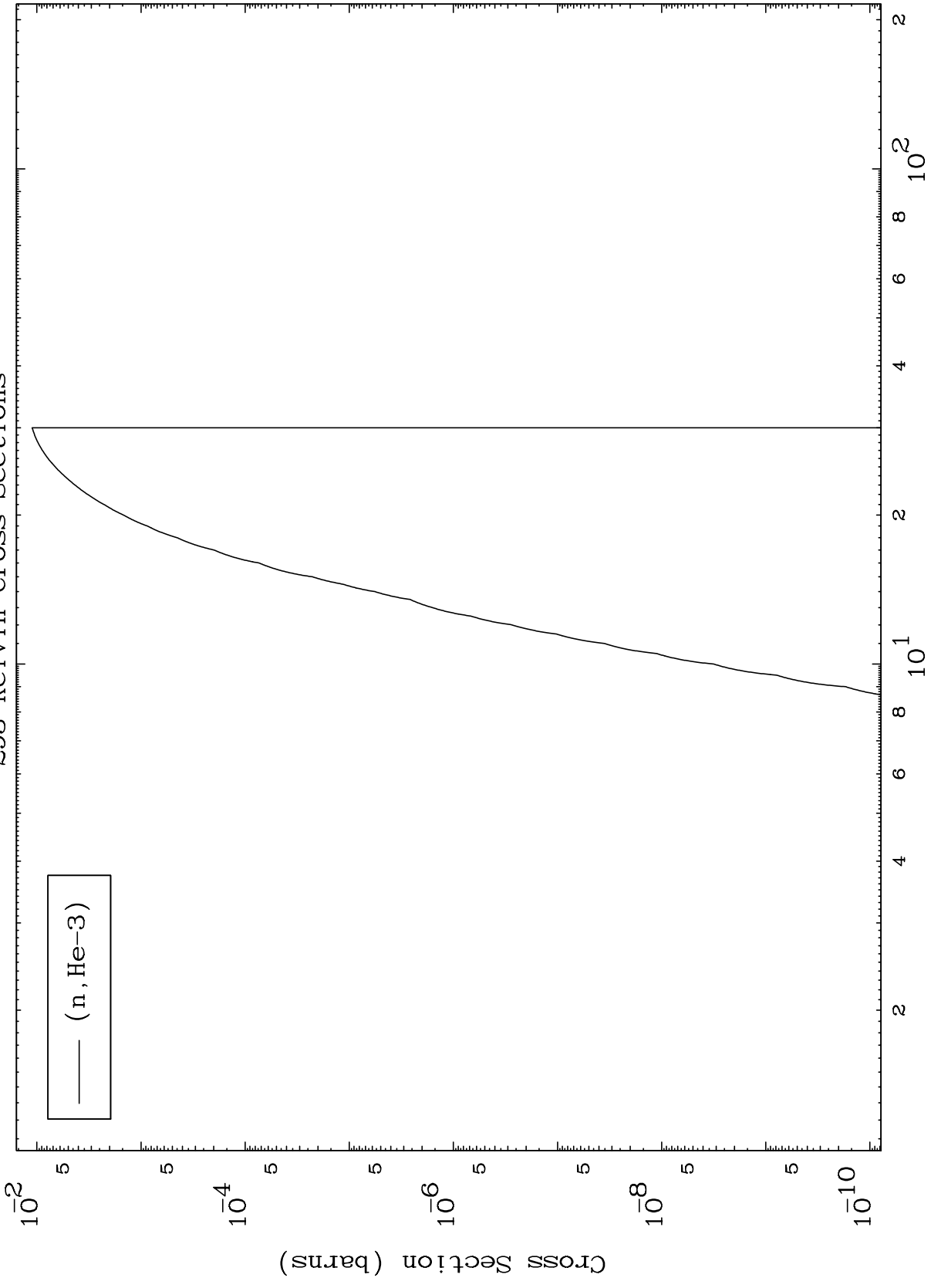
Incident Energy (MeV)

55-Cs-122

MAT 5493

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-122



14

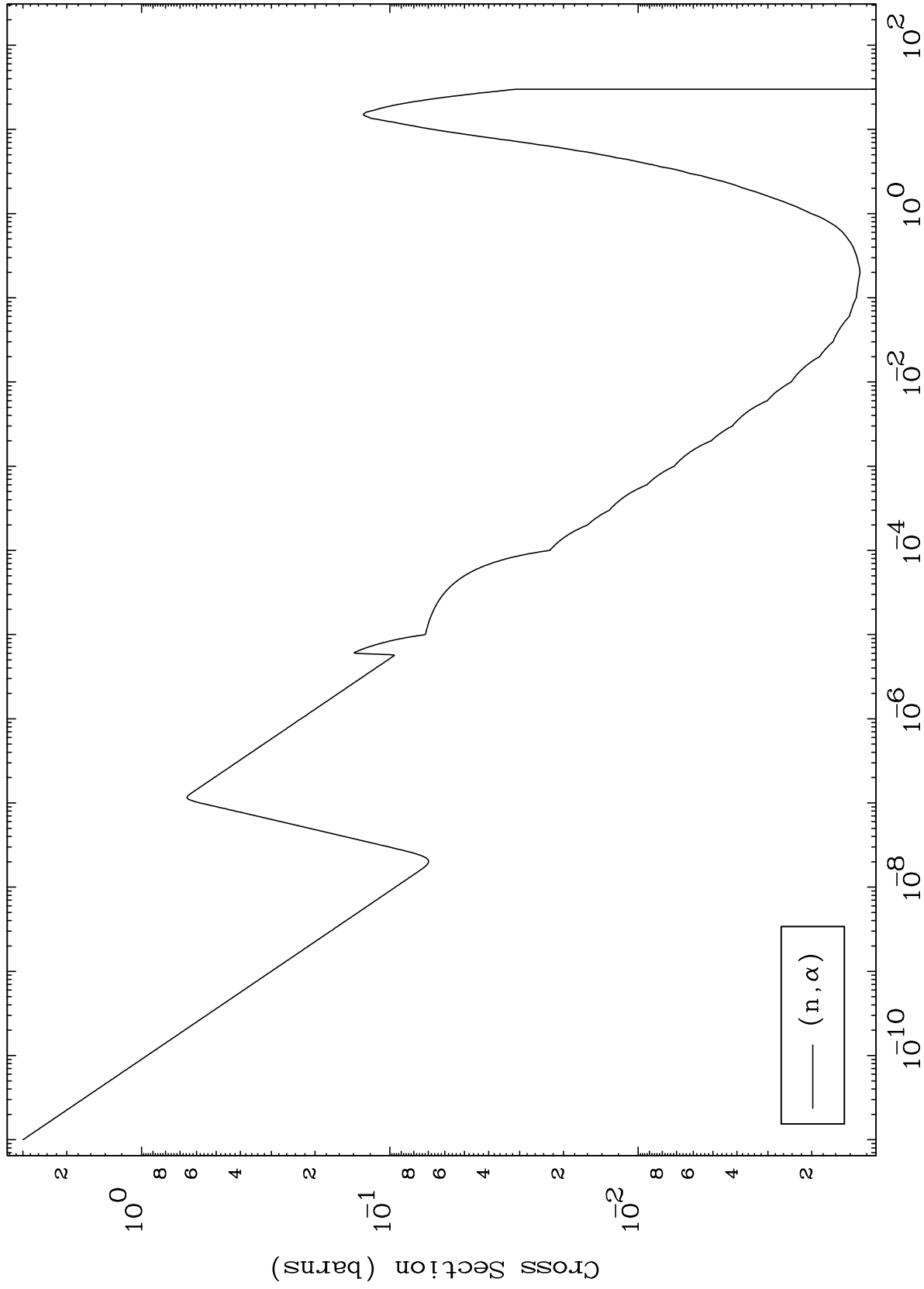
Incident Energy (MeV)

55-Cs-122

MAT 5493

(n,α) Levels
293 Kelvin Cross Sections

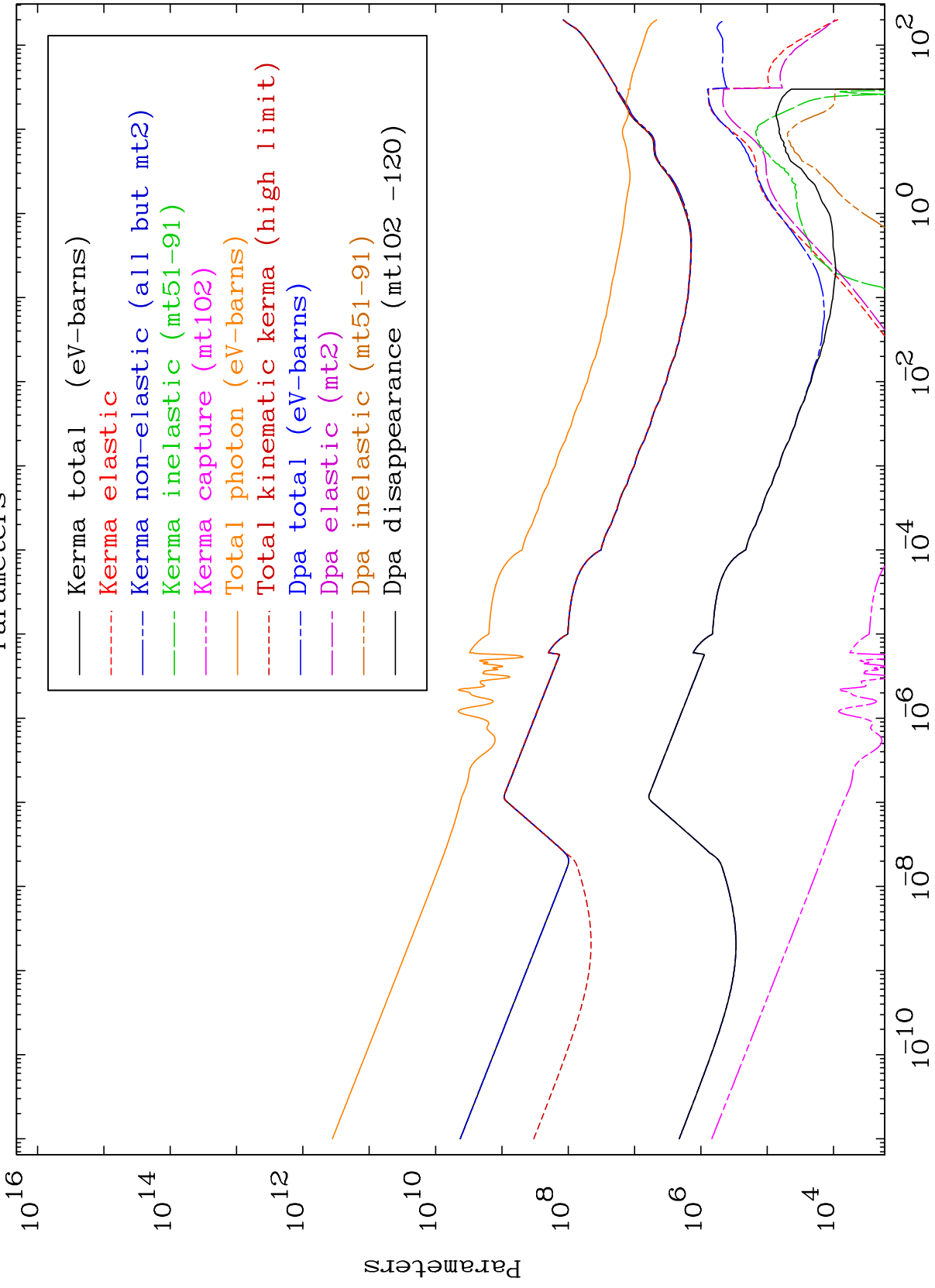
55-Cs-122



15

Incident Energy (MeV)

55-Cs-122



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Elastic Legendre Coefficients

55-Cs-122



55-Cs-122

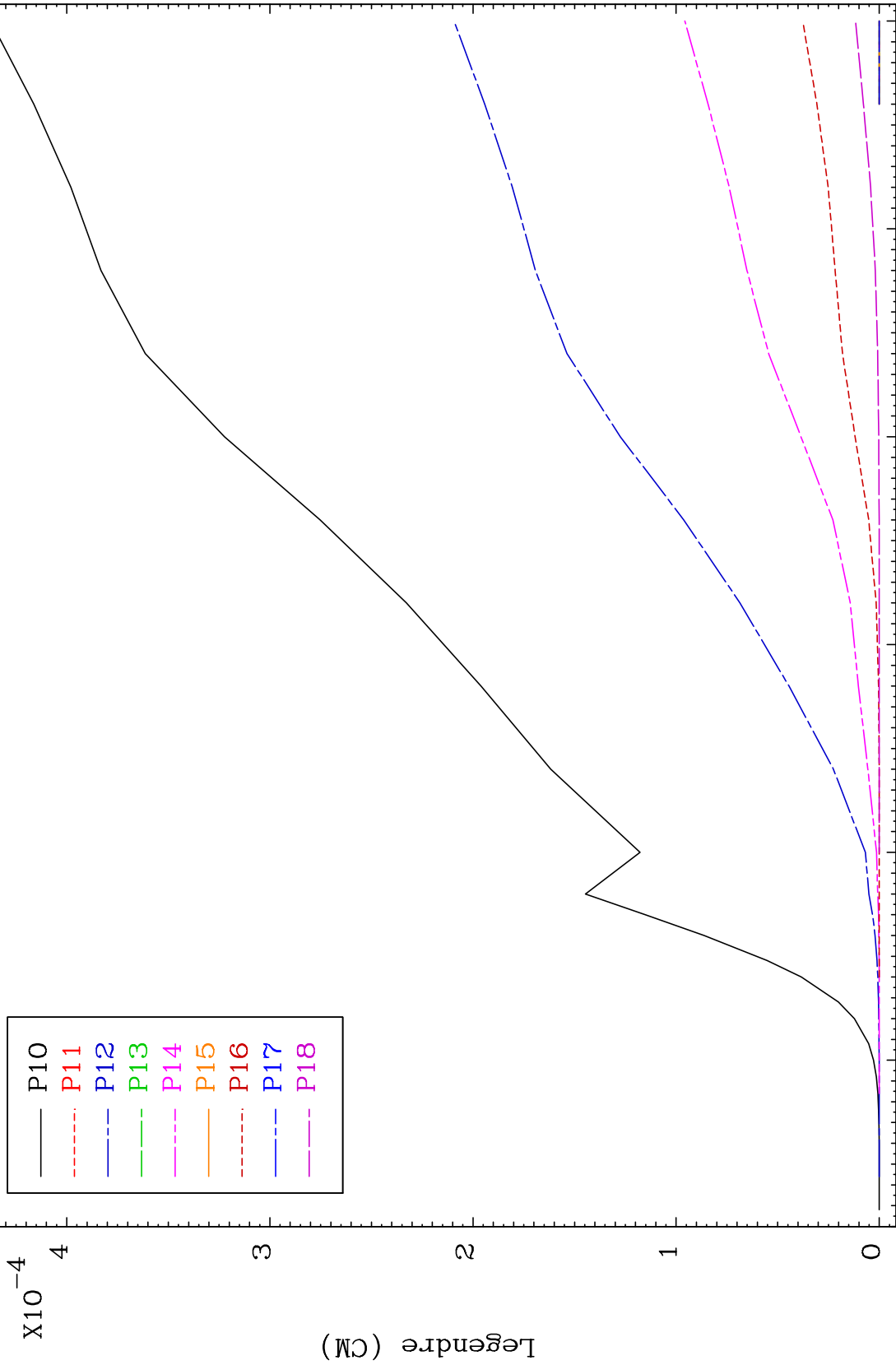
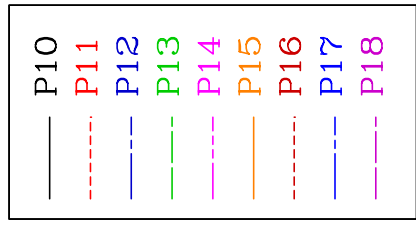
Incident Energy (MeV)

17

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Elastic Legendre Coefficients

55-Cs-122



18

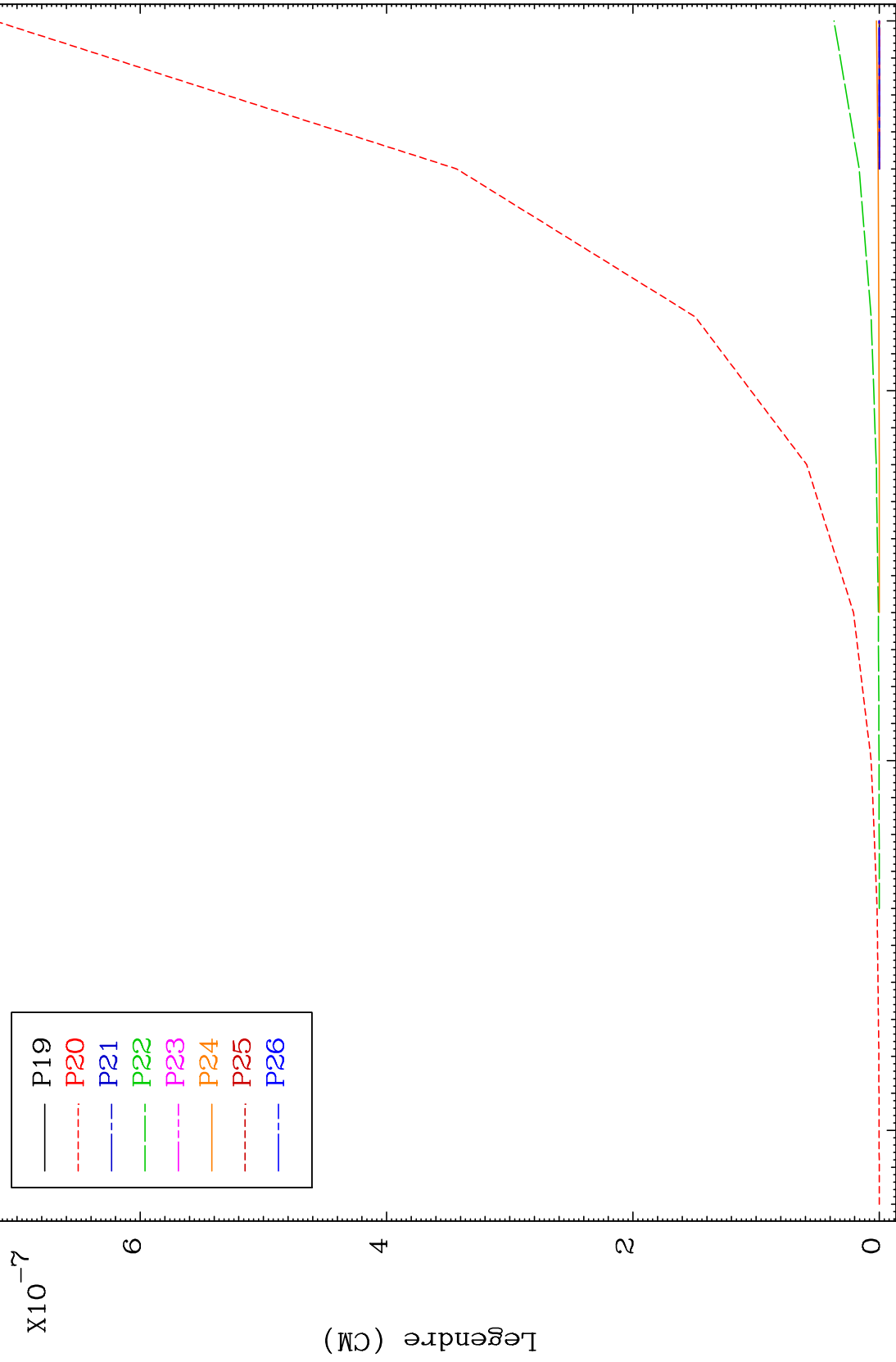
Incident Energy (MeV)

55-Cs-122

MAT 5493

Elastic Legendre Coefficients

55-Cs-122



19

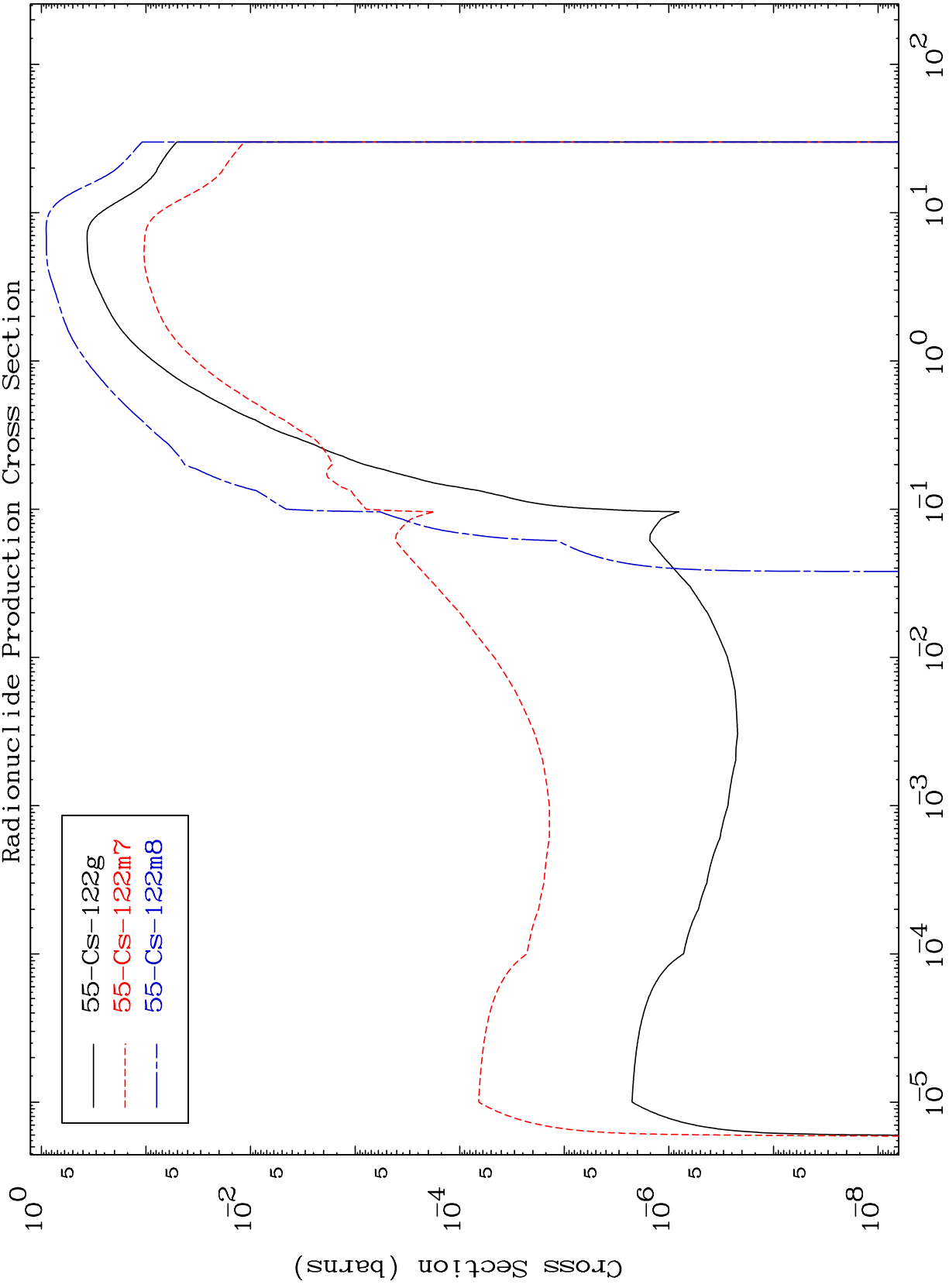
Incident Energy (MeV)

55-Cs-122

MAT 5493

Inelastic
Radionuclide Production Cross Section

55-Cs-122



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

20

Incident Energy (MeV)

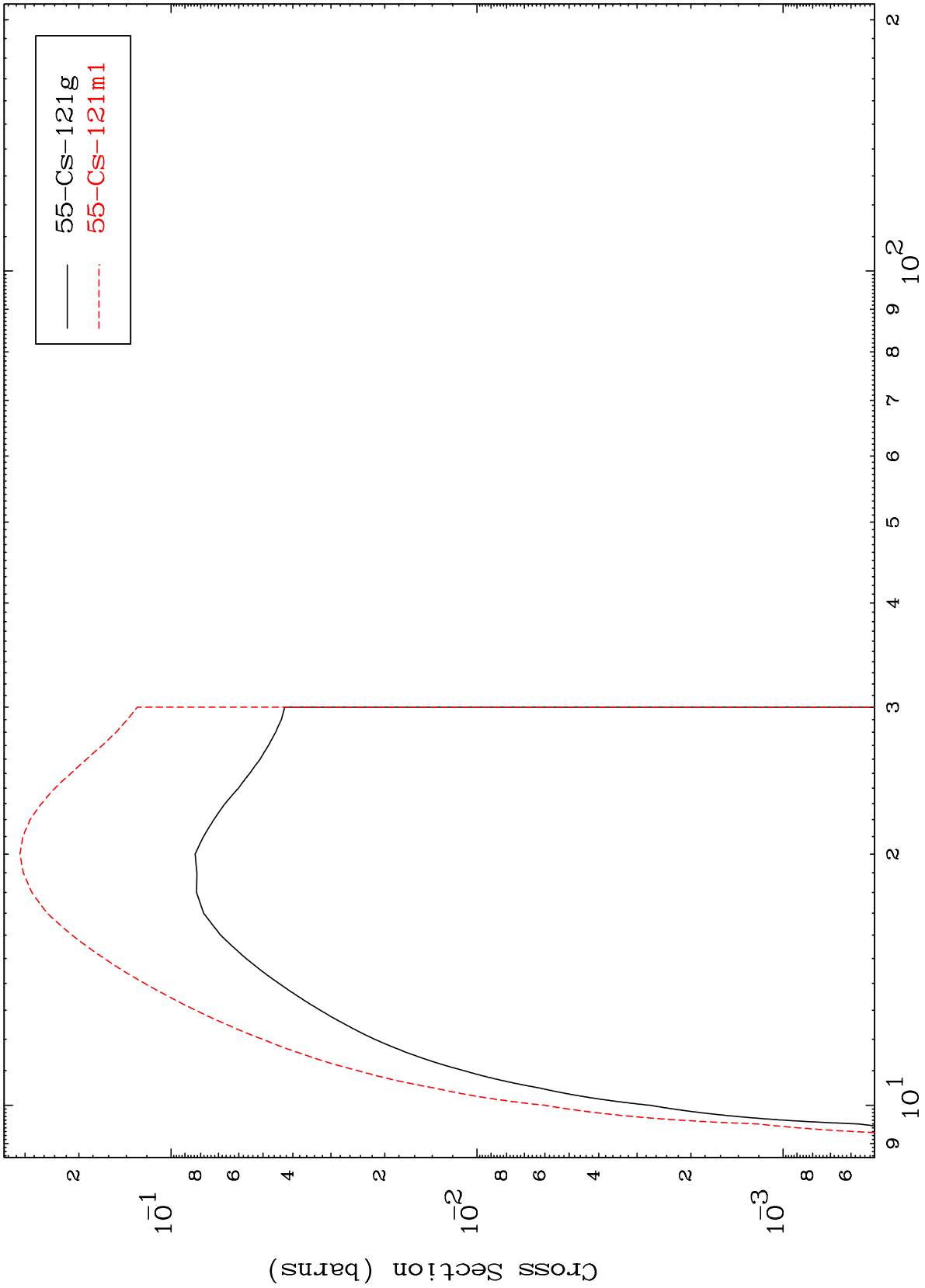
55-Cs-122

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(n,2n)

55-Cs-122

Radionuclide Production Cross Section



21

Incident Energy (MeV)

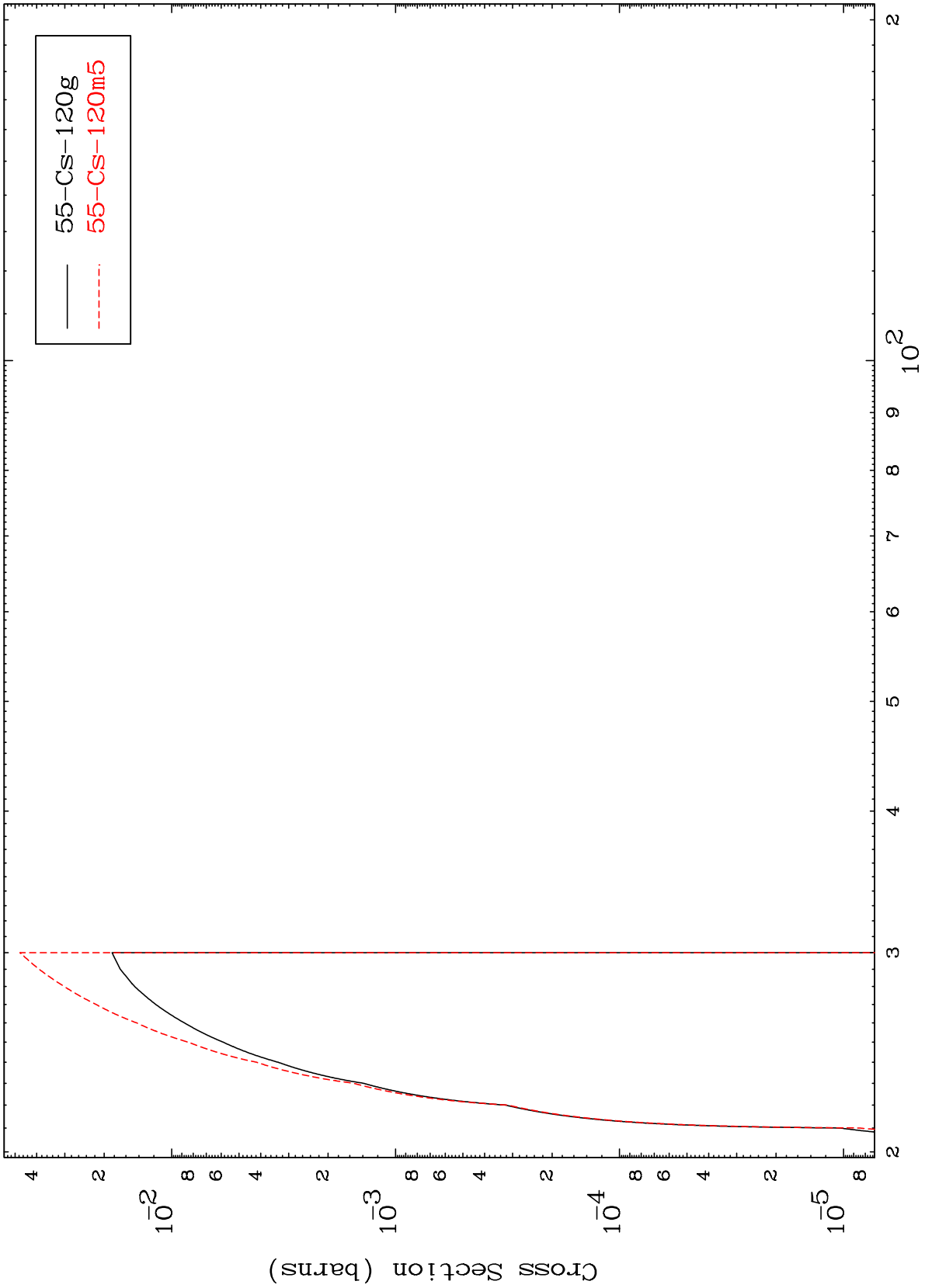
55-Cs-122

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(n,3n)

55-Cs-122

Radionuclide Production Cross Section



22

Incident Energy (MeV)

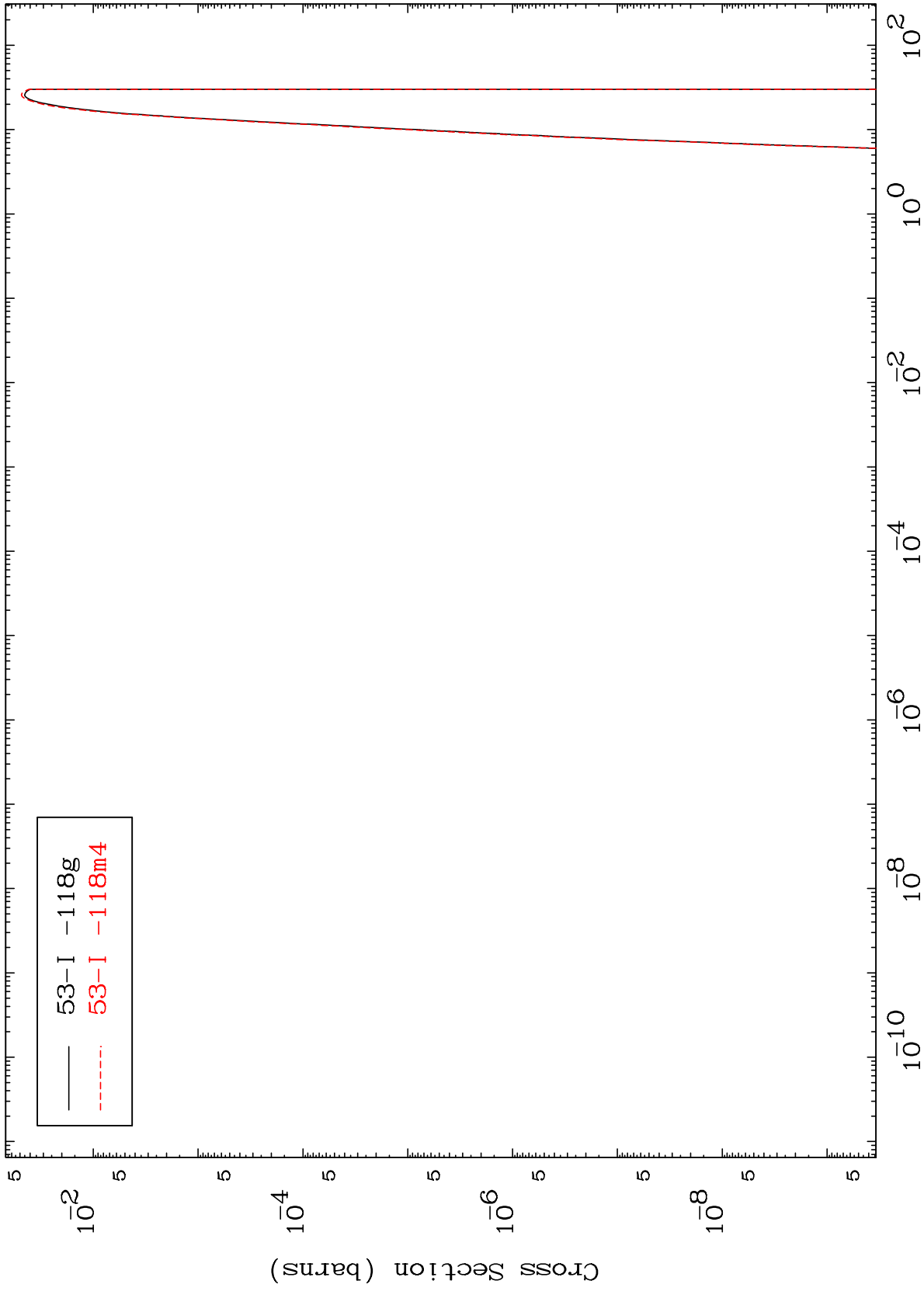
55-Cs-122

MAT 5493

(n,n') α

55-Cs-122

Radionuclide Production Cross Section



23

Incident Energy (MeV)

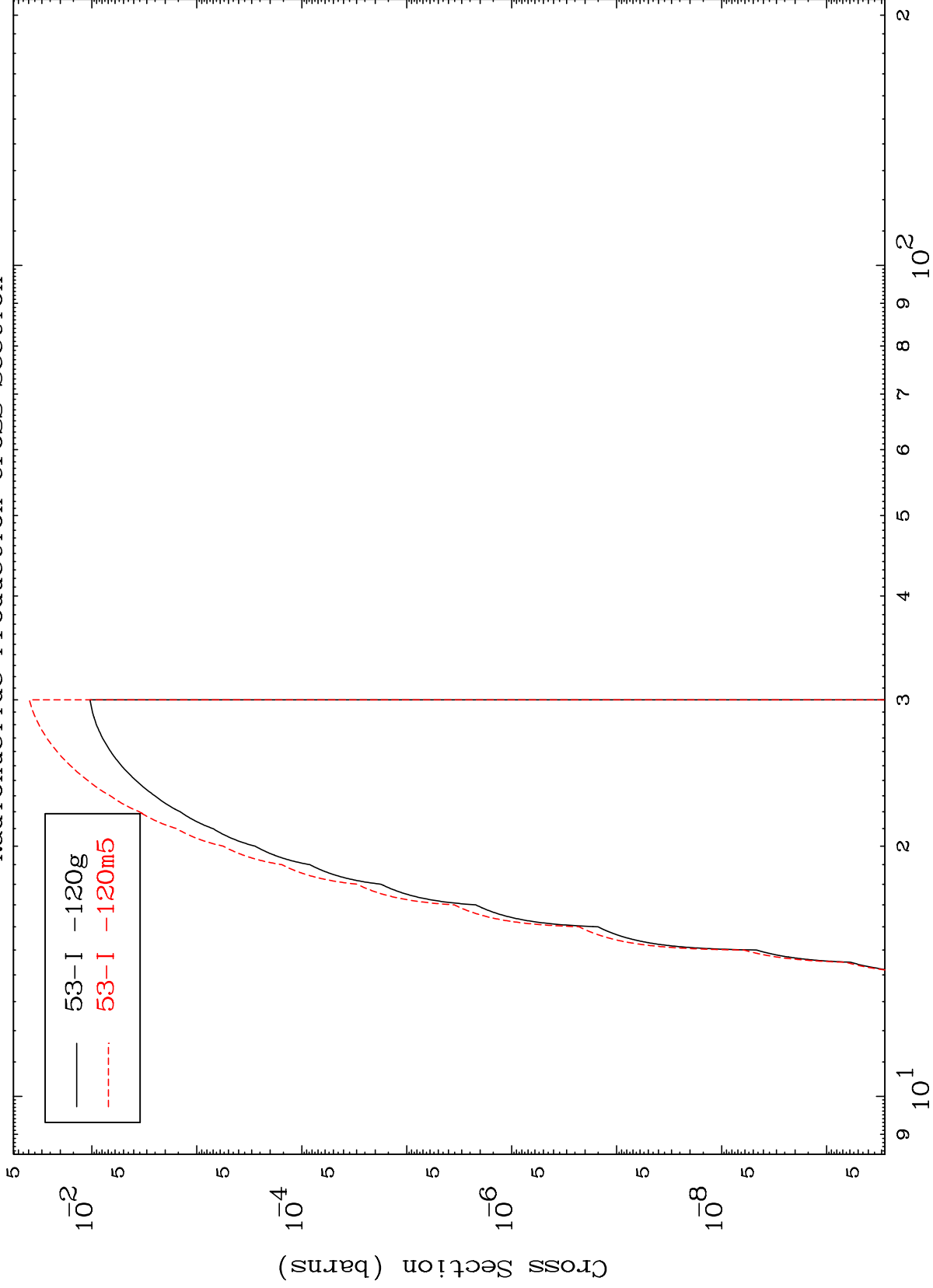
55-Cs-122

MAT 5493

(n,2n) p

55-Cs-122

Radionuclide Production Cross Section



24

Incident Energy (MeV)

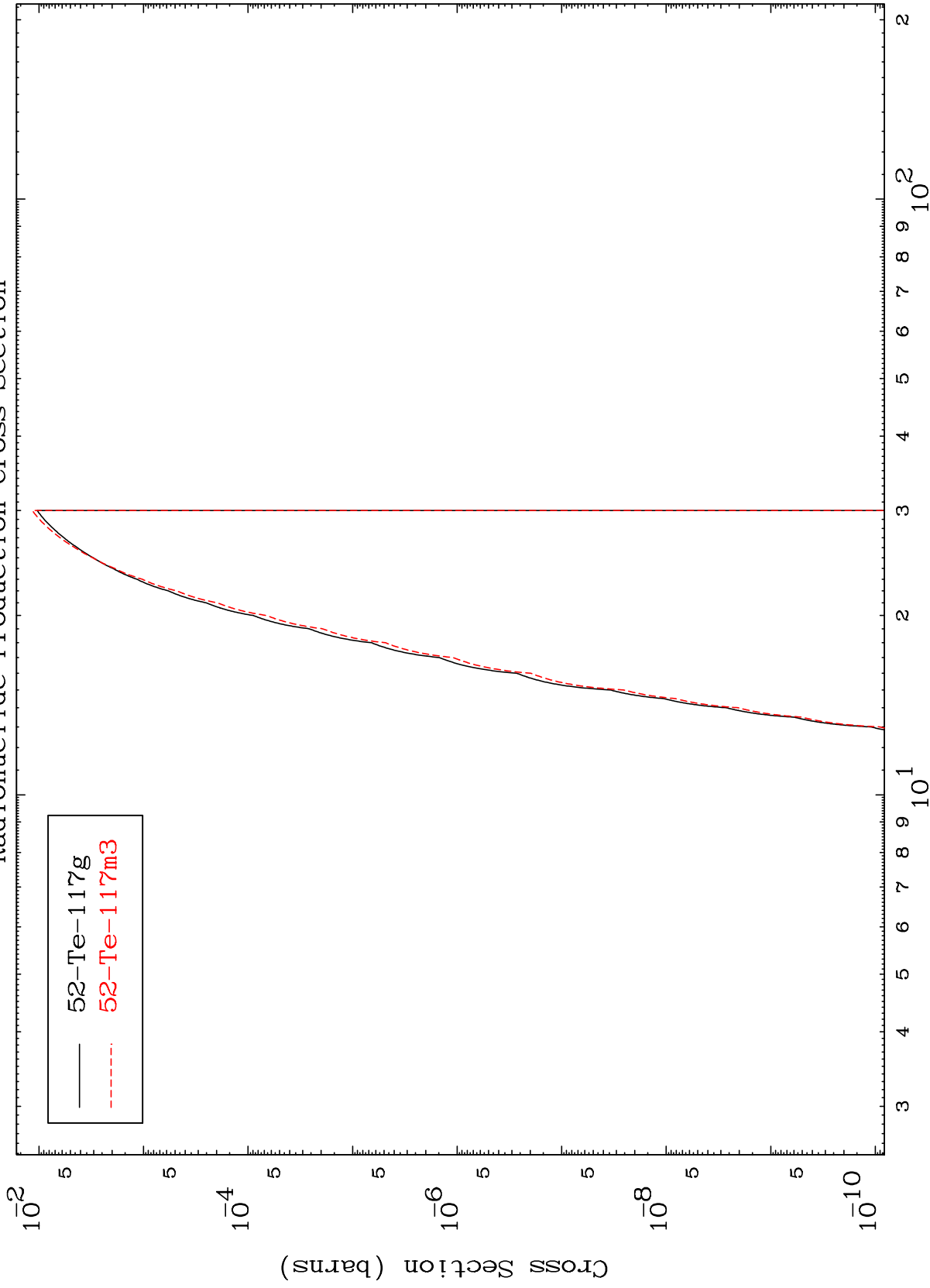
55-Cs-122

MAT 5493

(n,n') p α

55-Cs-122

Radionuclide Production Cross Section

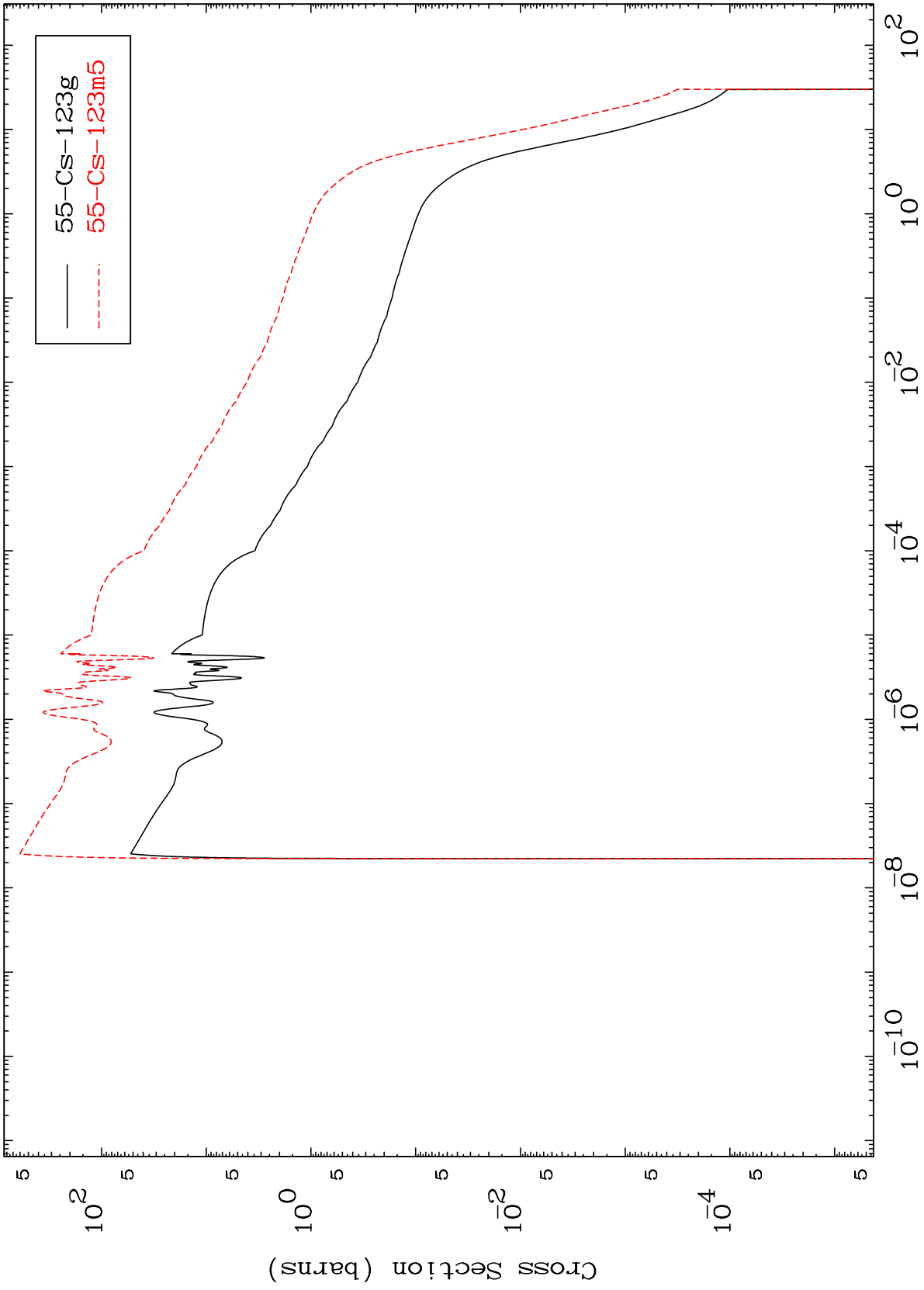


52-Te-117g
52-Te-117m3

MAT 5493

55-Cs-122

(n,γ)
Radionuclide Production Cross Section



26

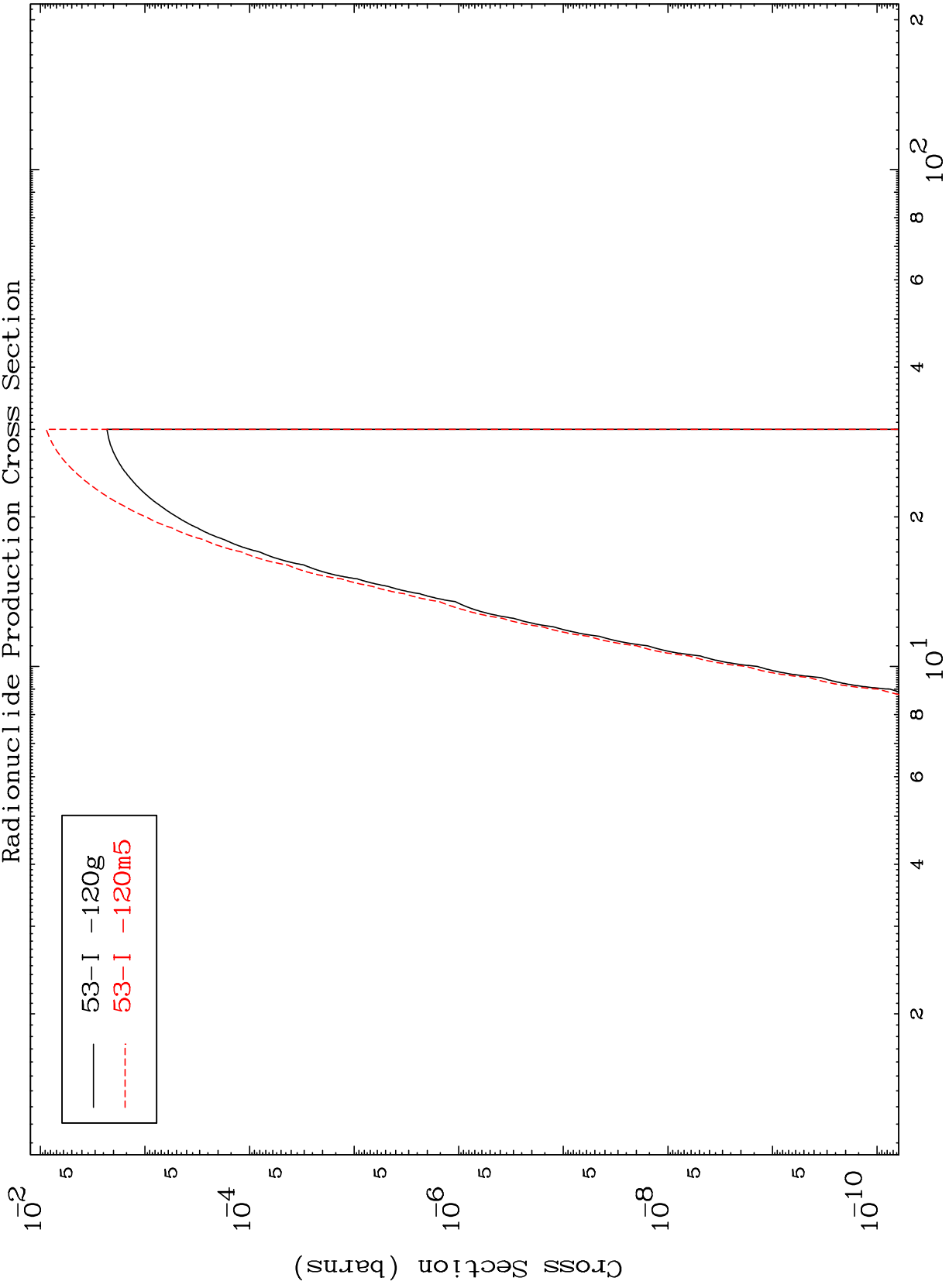
55-Cs-122

MAT 5493

(n, He-3)

55-Cs-122

Radionuclide Production Cross Section



27

Incident Energy (MeV)

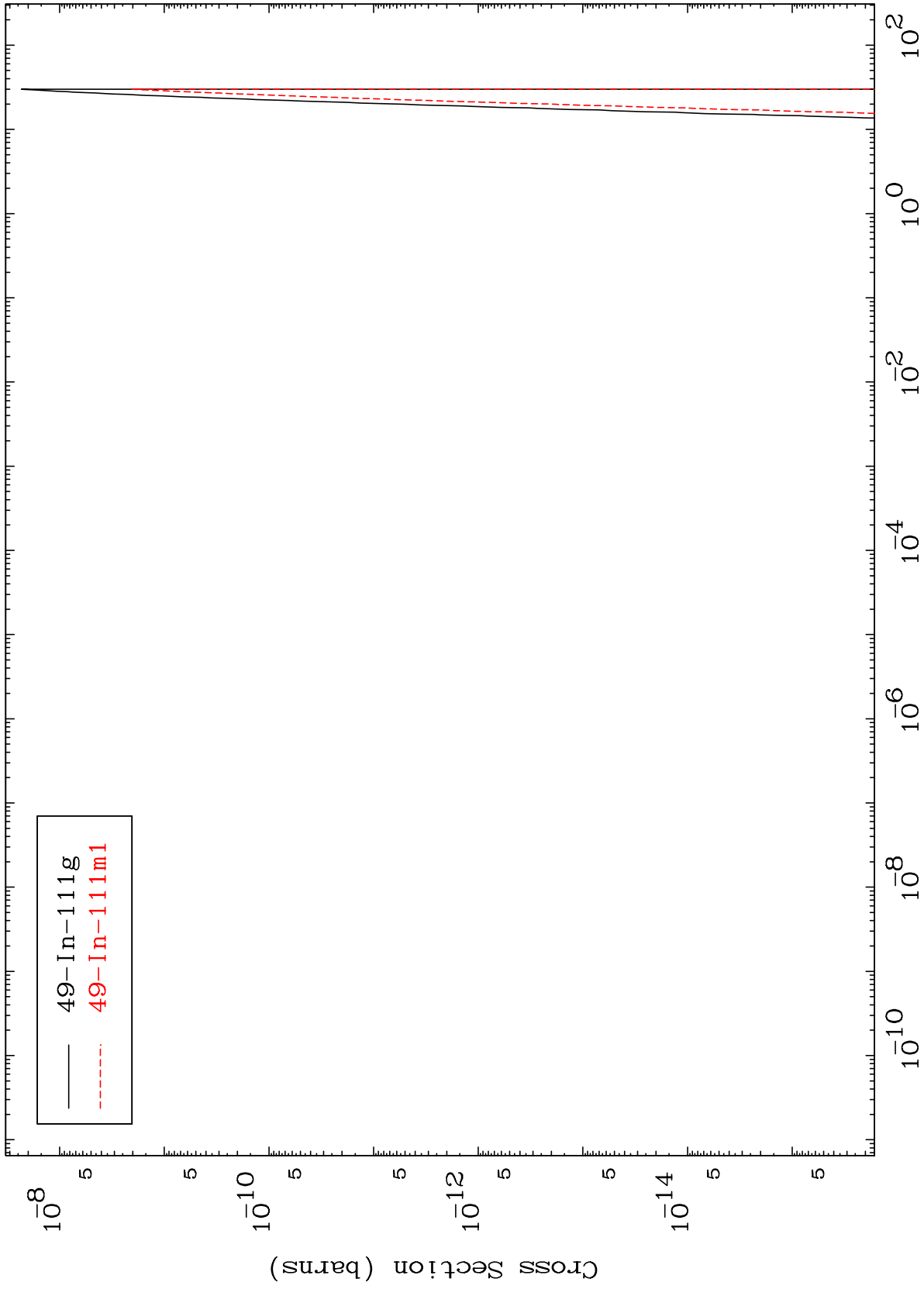
55-Cs-122

MAT 5493

(n,3α)

55-Cs-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

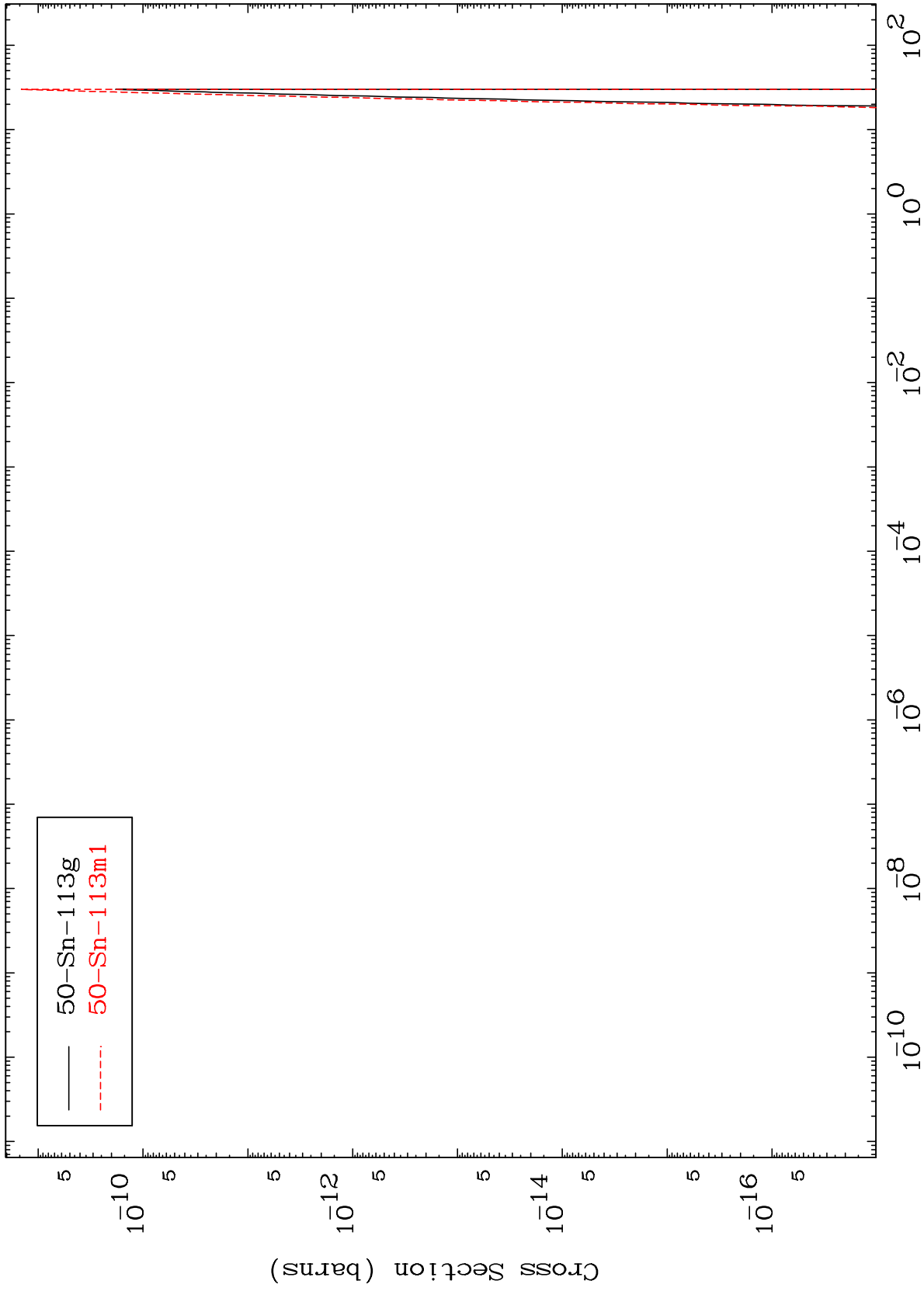
55-Cs-122

MAT 5493

(n,d) 2α

55-Cs-122

Radionuclide Production Cross Section



29

Incident Energy (MeV)

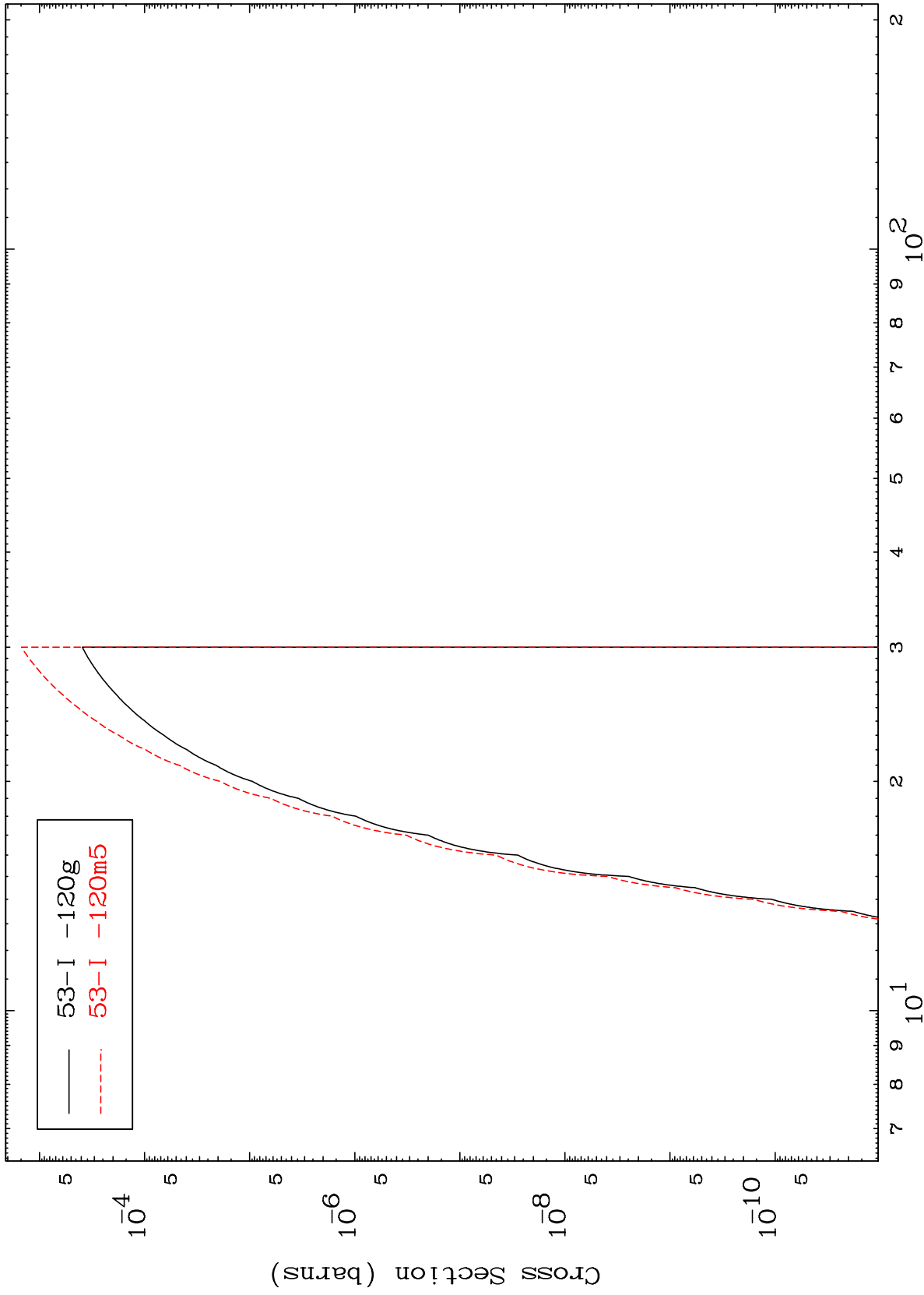
55-Cs-122

MAT 5493

(n,p) d

55-Cs-122

Radionuclide Production Cross Section



30

Incident Energy (MeV)

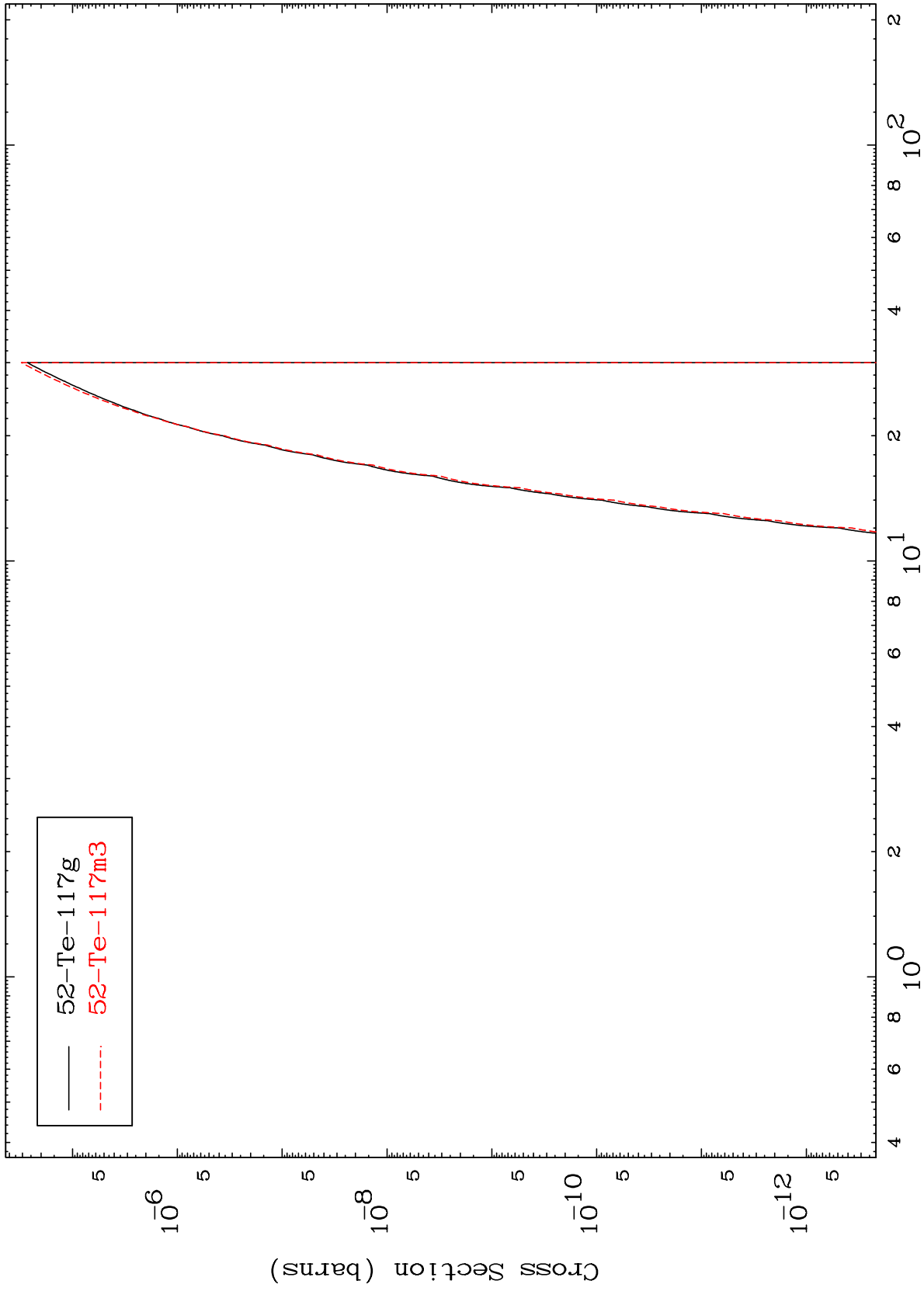
55-Cs-122

MAT 5493

(n,d) α

55-Cs-122

Radionuclide Production Cross Section



31

Incident Energy (MeV)

55-Cs-122