

Program EVALPLOT
(Version 2018-1)

by

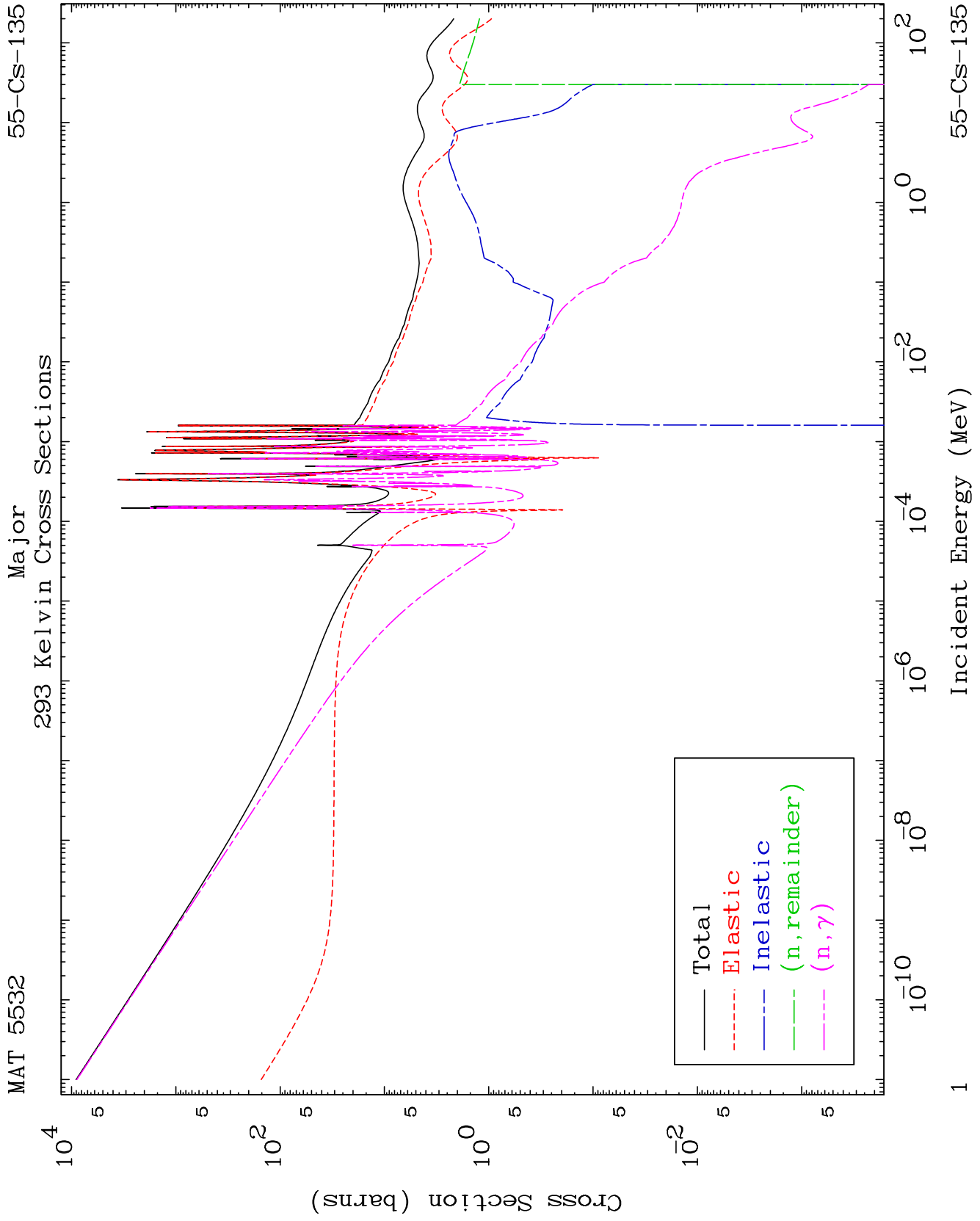
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(Present Contact Information)

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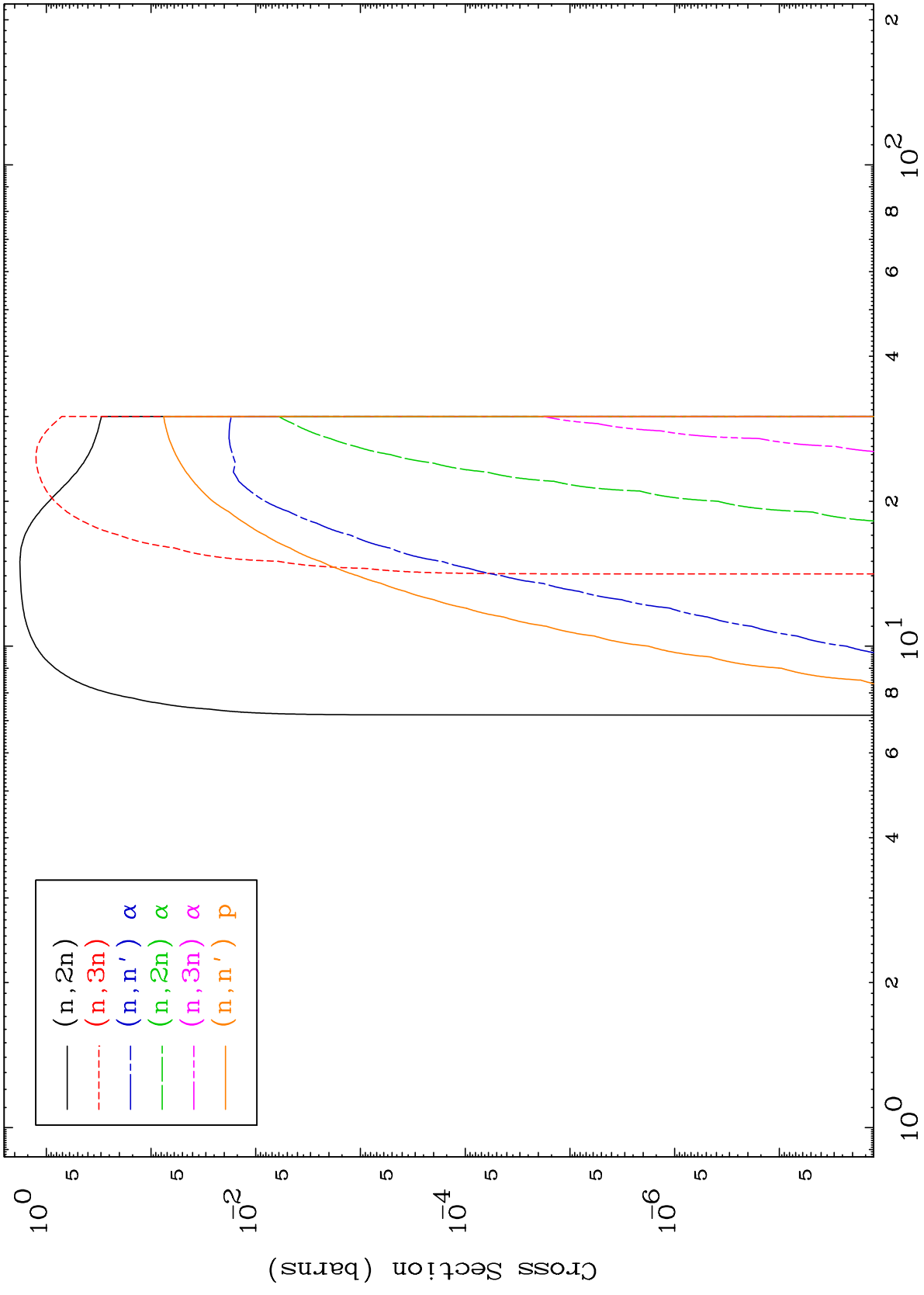
Press Mouse Button to Start



MAT 5532

Neutron Production
293 Kelvin Cross Sections

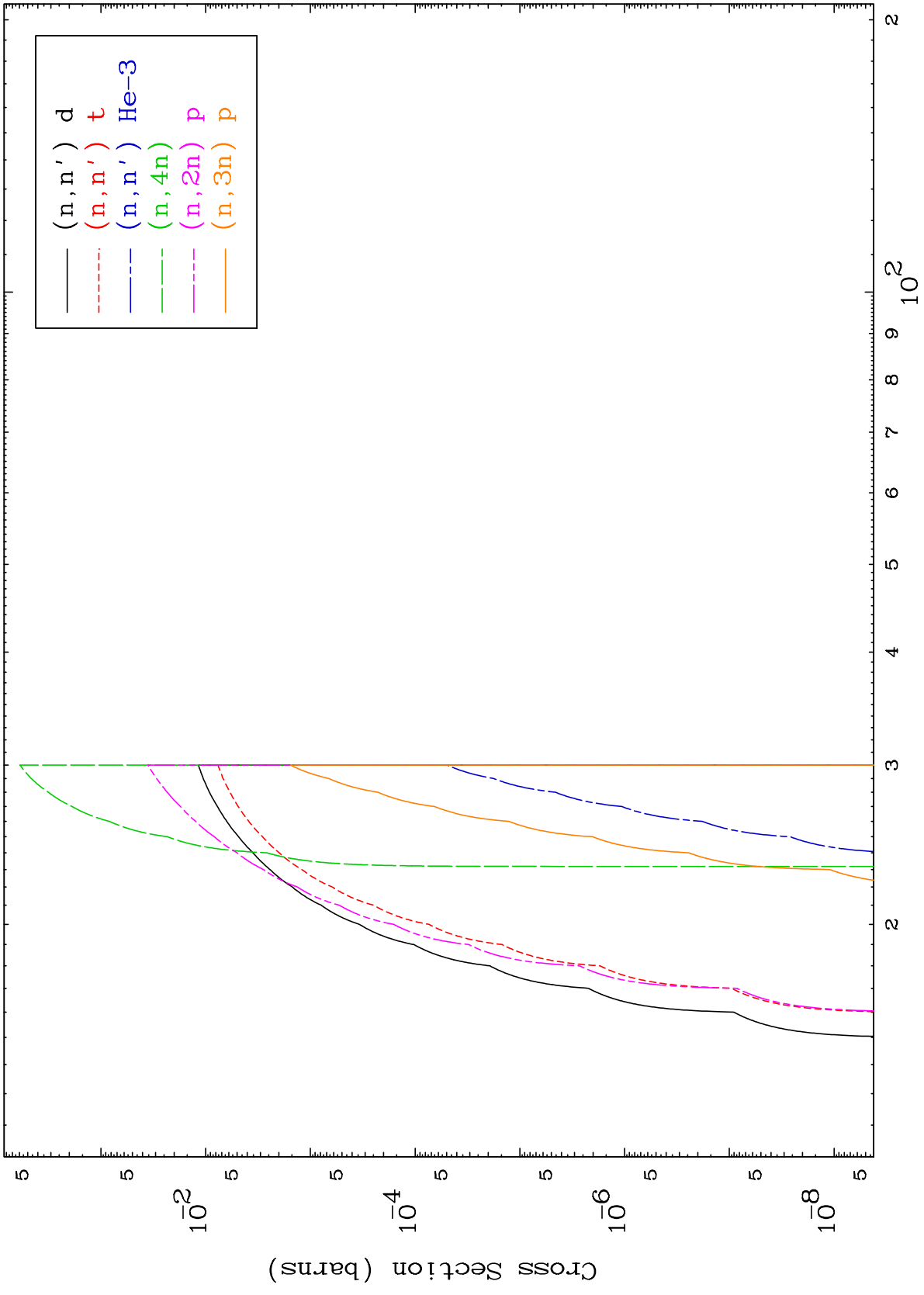
55-Cs-135



(n, 2n)
(n, 3n)
(n, n') α
(n, 2n) α
(n, 3n) α
(n, n') p

55-Cs-135

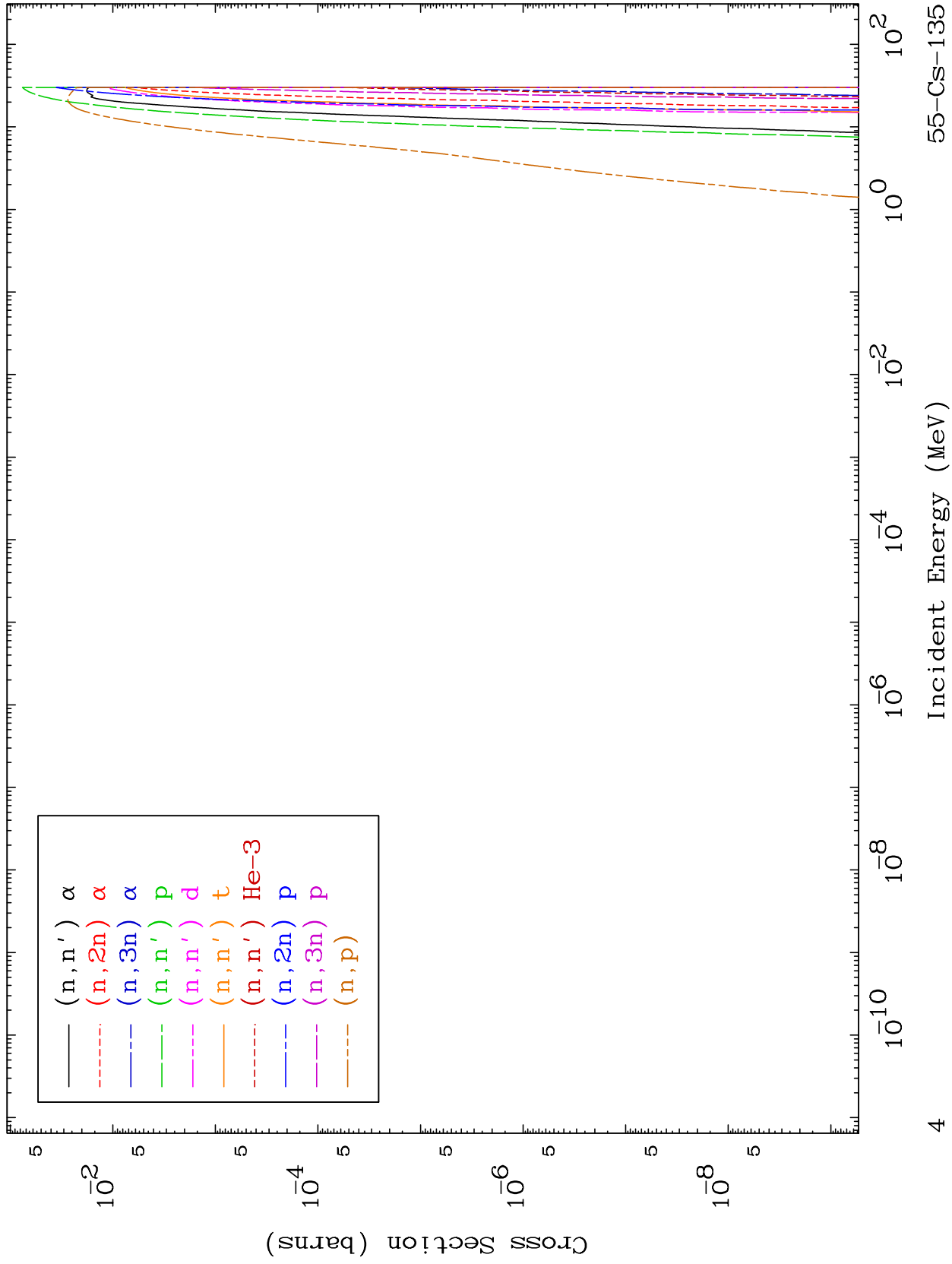
Incident Energy (MeV)



MAT 5532

Charged Particle
293 Kelvin Cross Sections

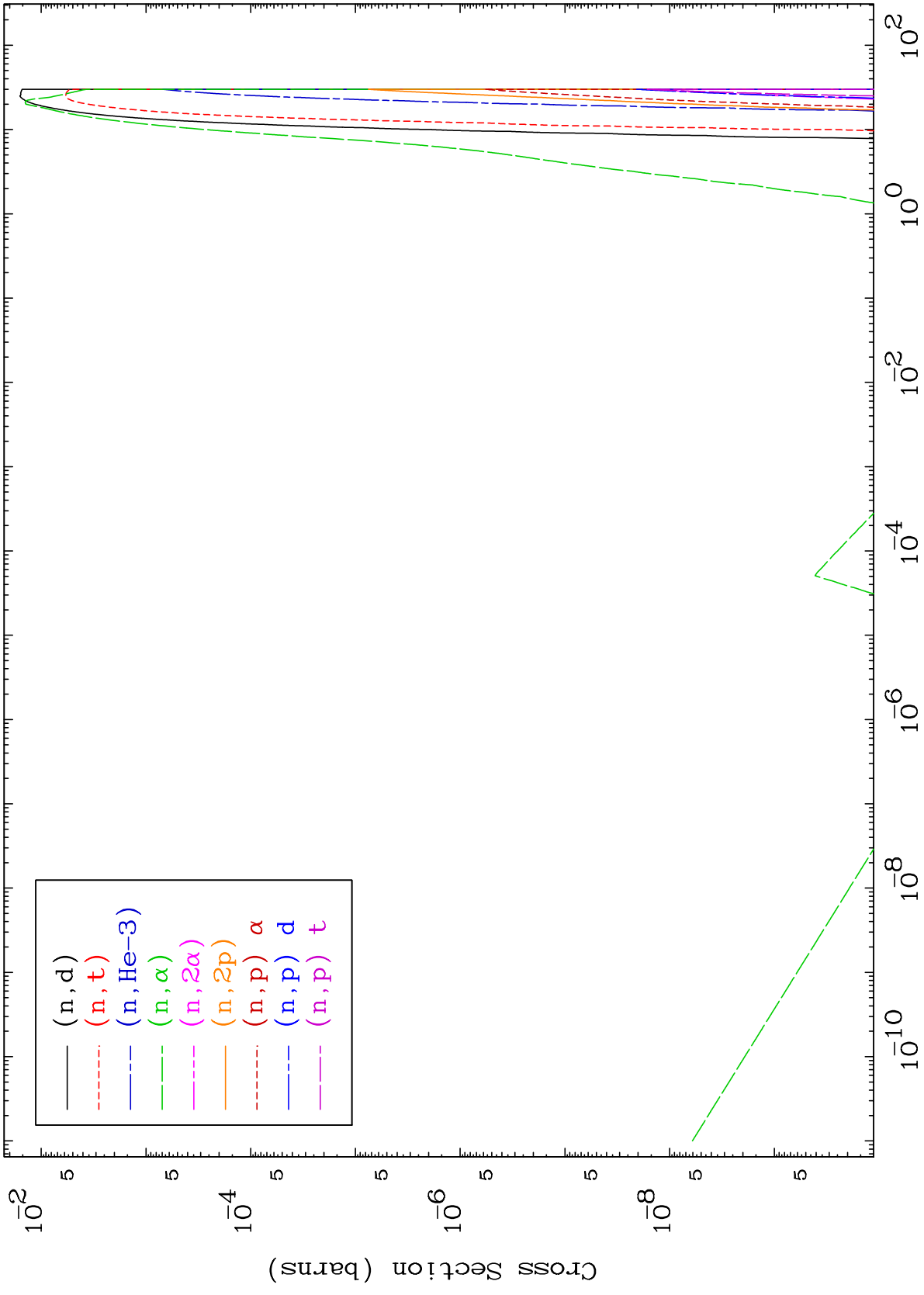
55-Cs-135



MAT 5532

Charged Particle
293 Kelvin Cross Sections

55-Cs-135



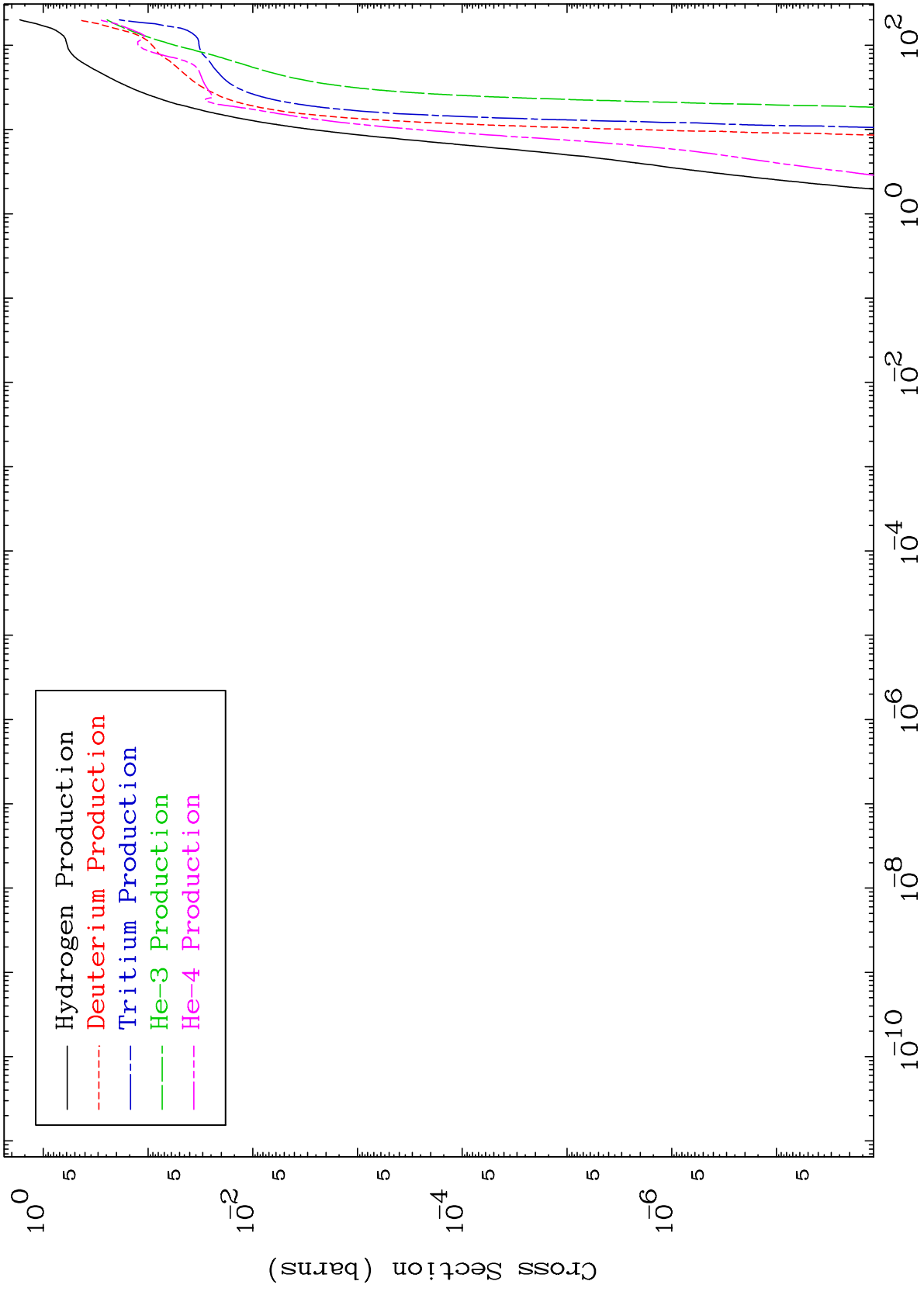
5

55-Cs-135

MAT 5532

Particle Production
293 Kelvin Cross Sections

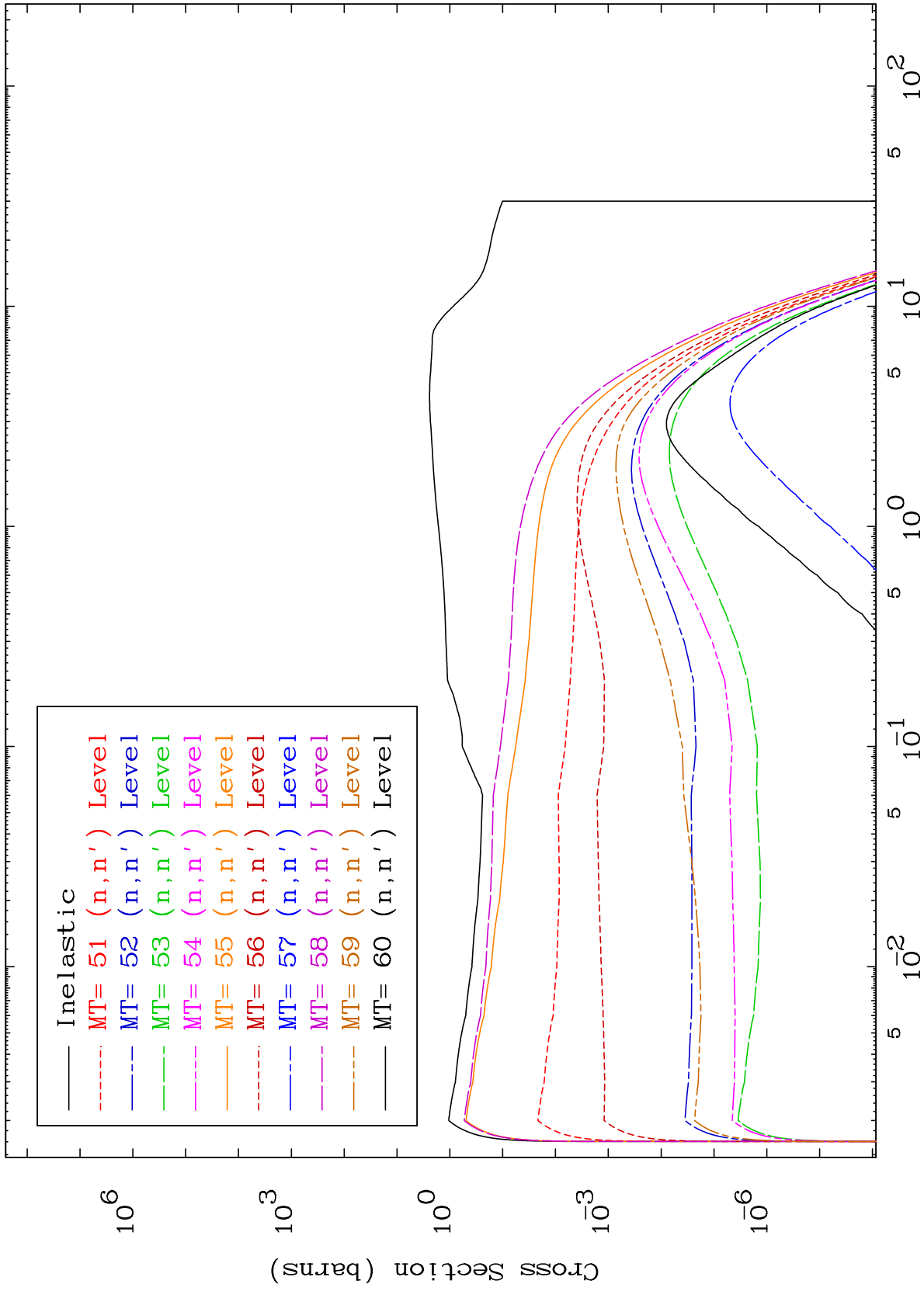
55-Cs-135



MAT 5532

(n,n') Level
293 Kelvin Cross Sections

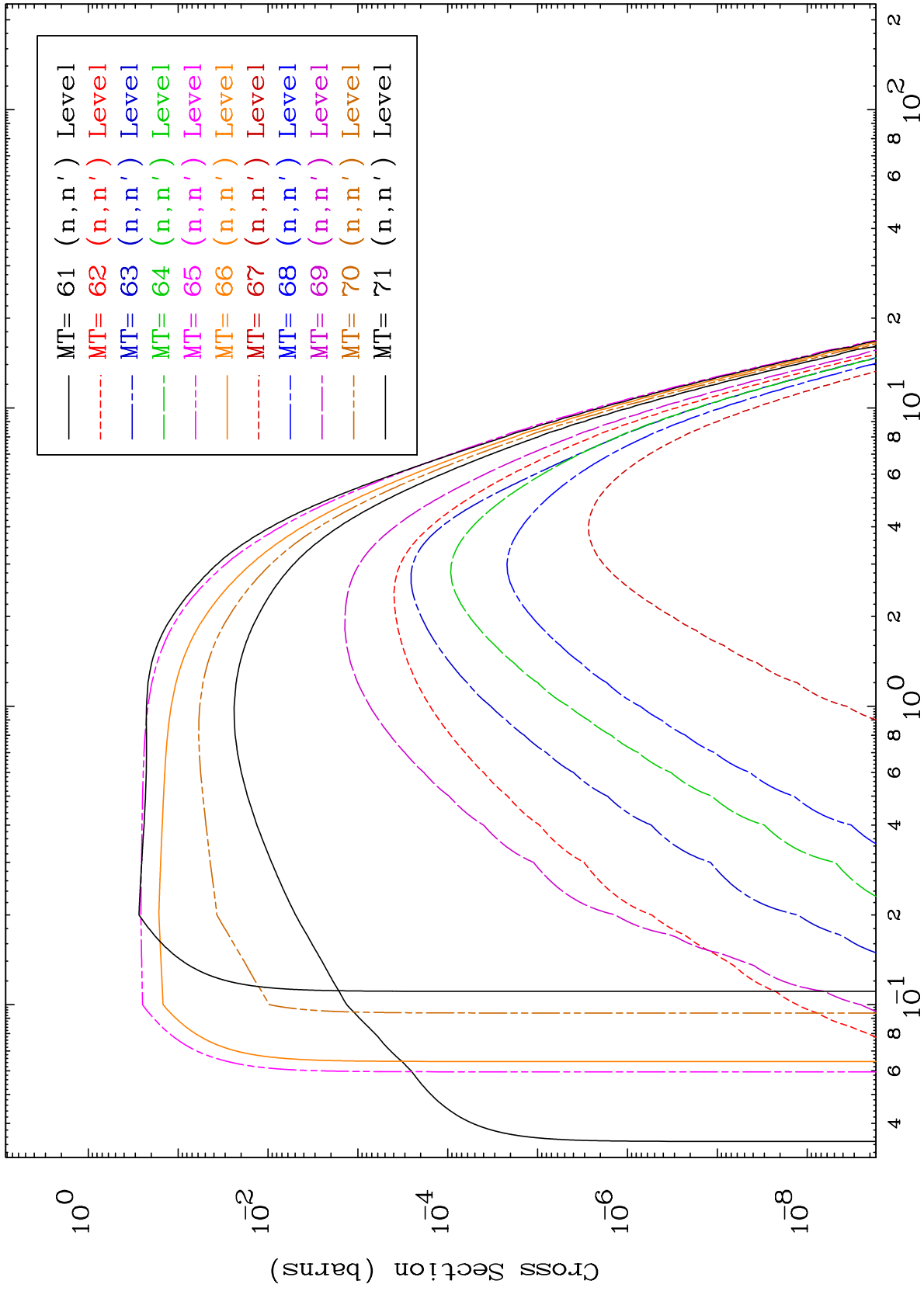
55-Cs-135



MAT 5532

(n,n') Level
293 Kelvin Cross Sections

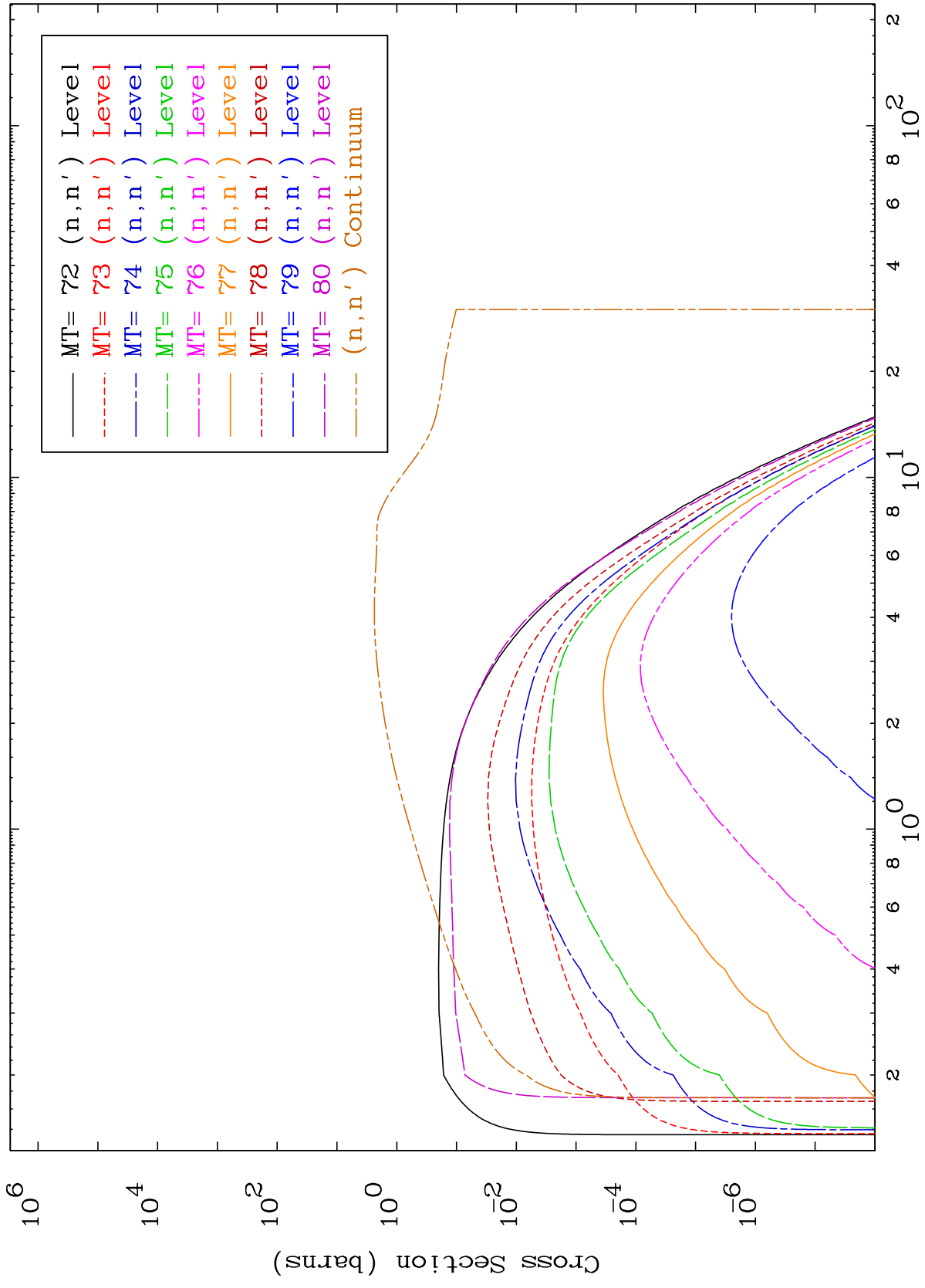
55-Cs-135



8

Incident Energy (MeV)

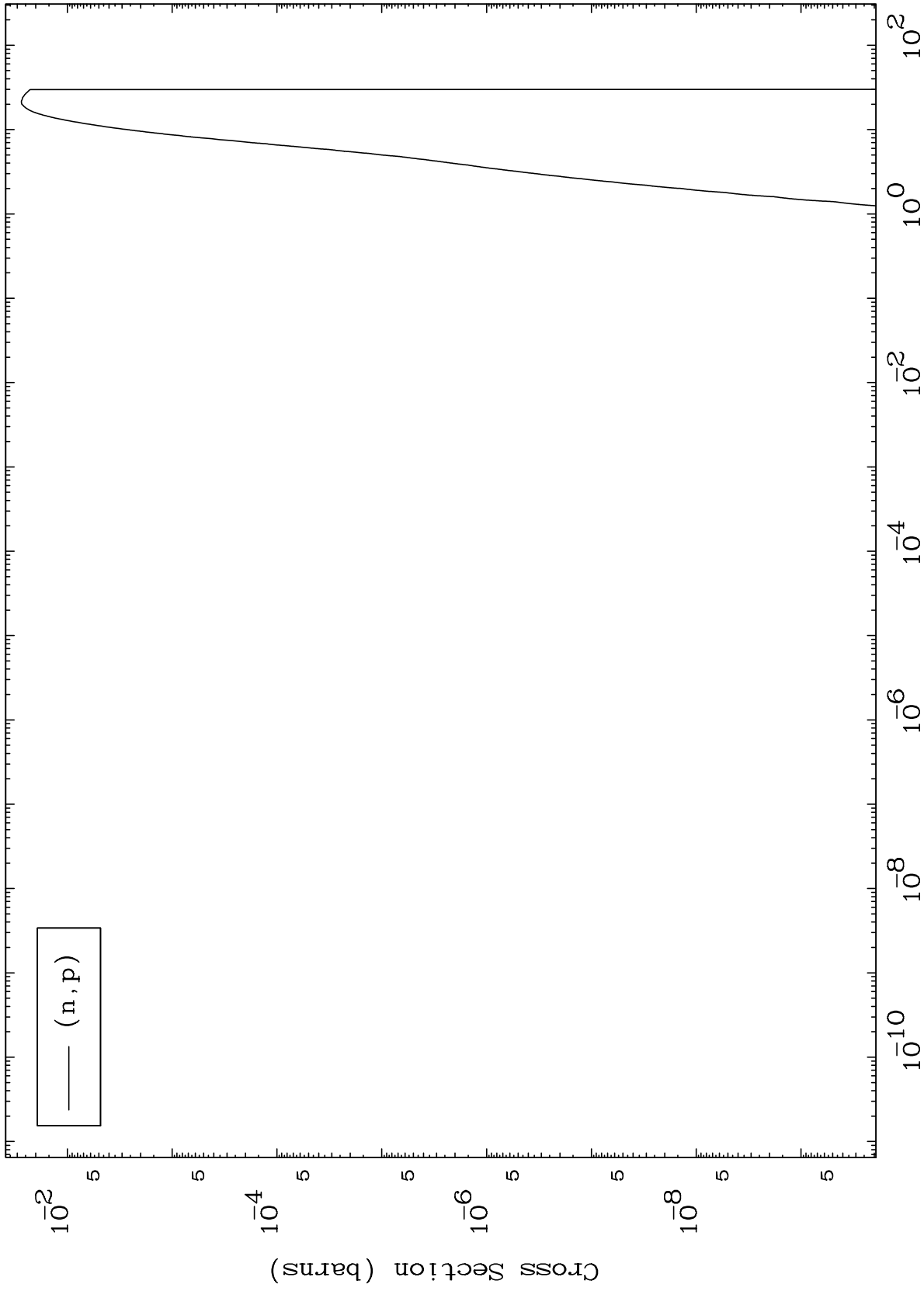
55-Cs-135



MAT 5532

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-135



10

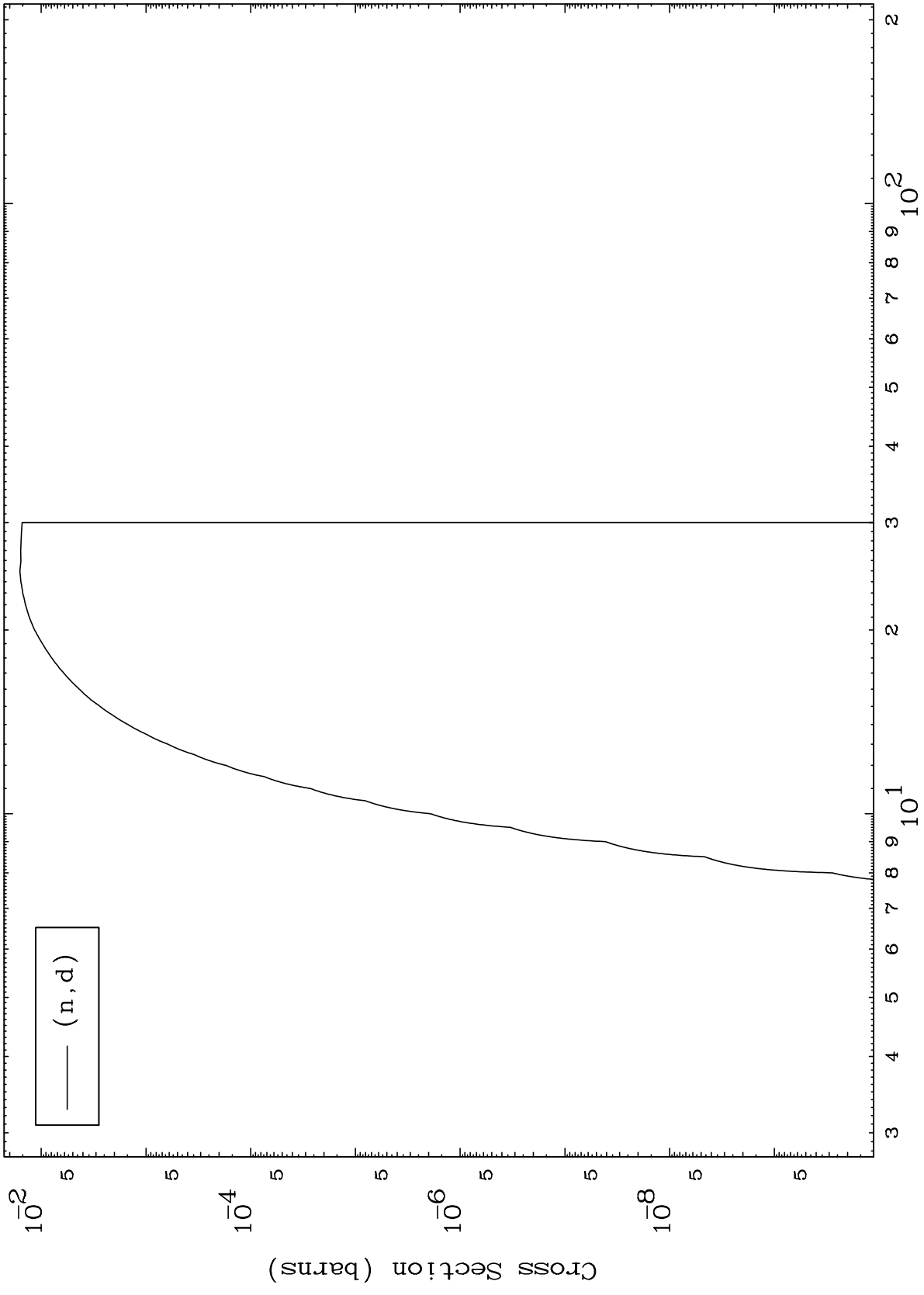
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-135

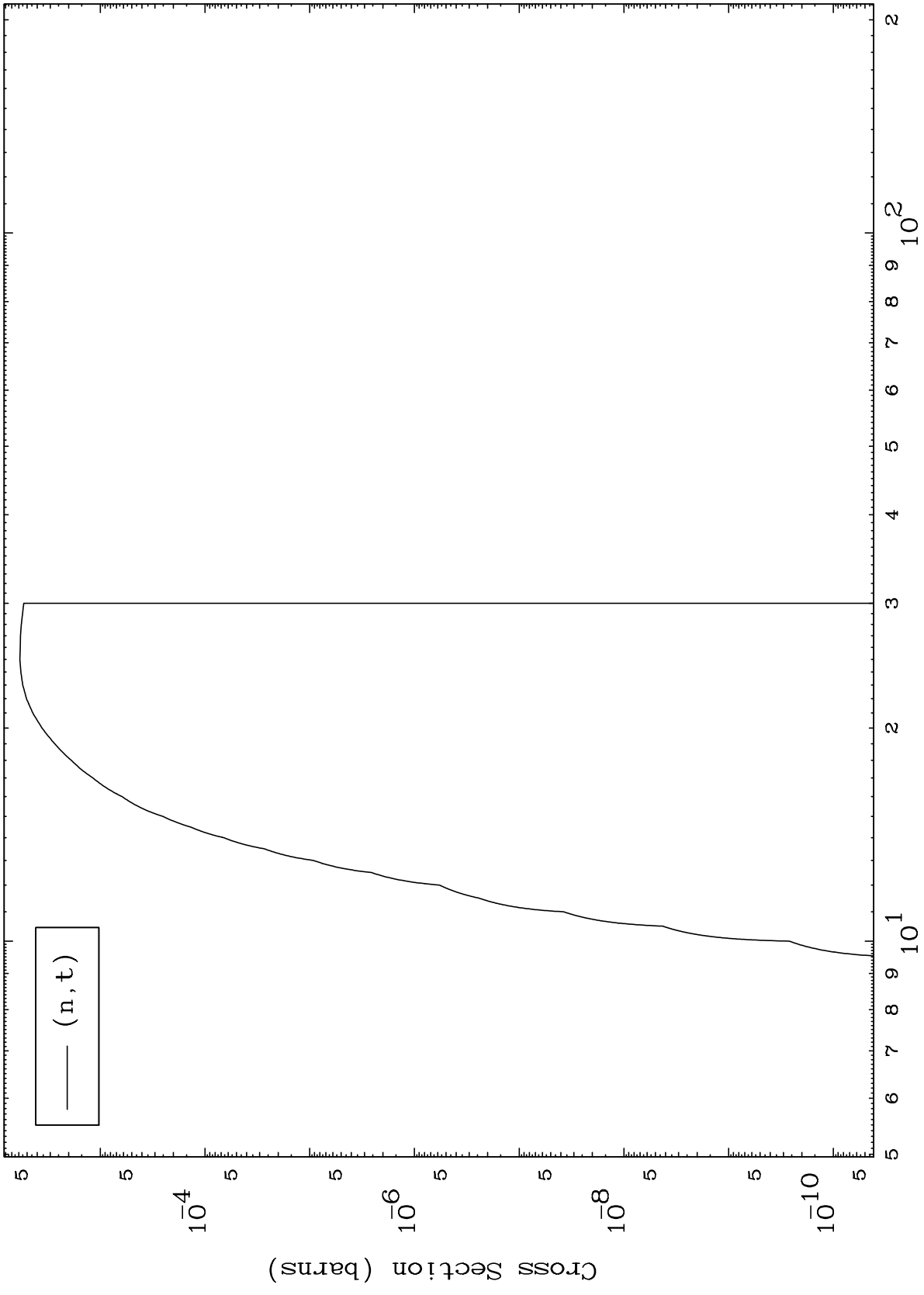


(n,d)

MAT 5532

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135



12

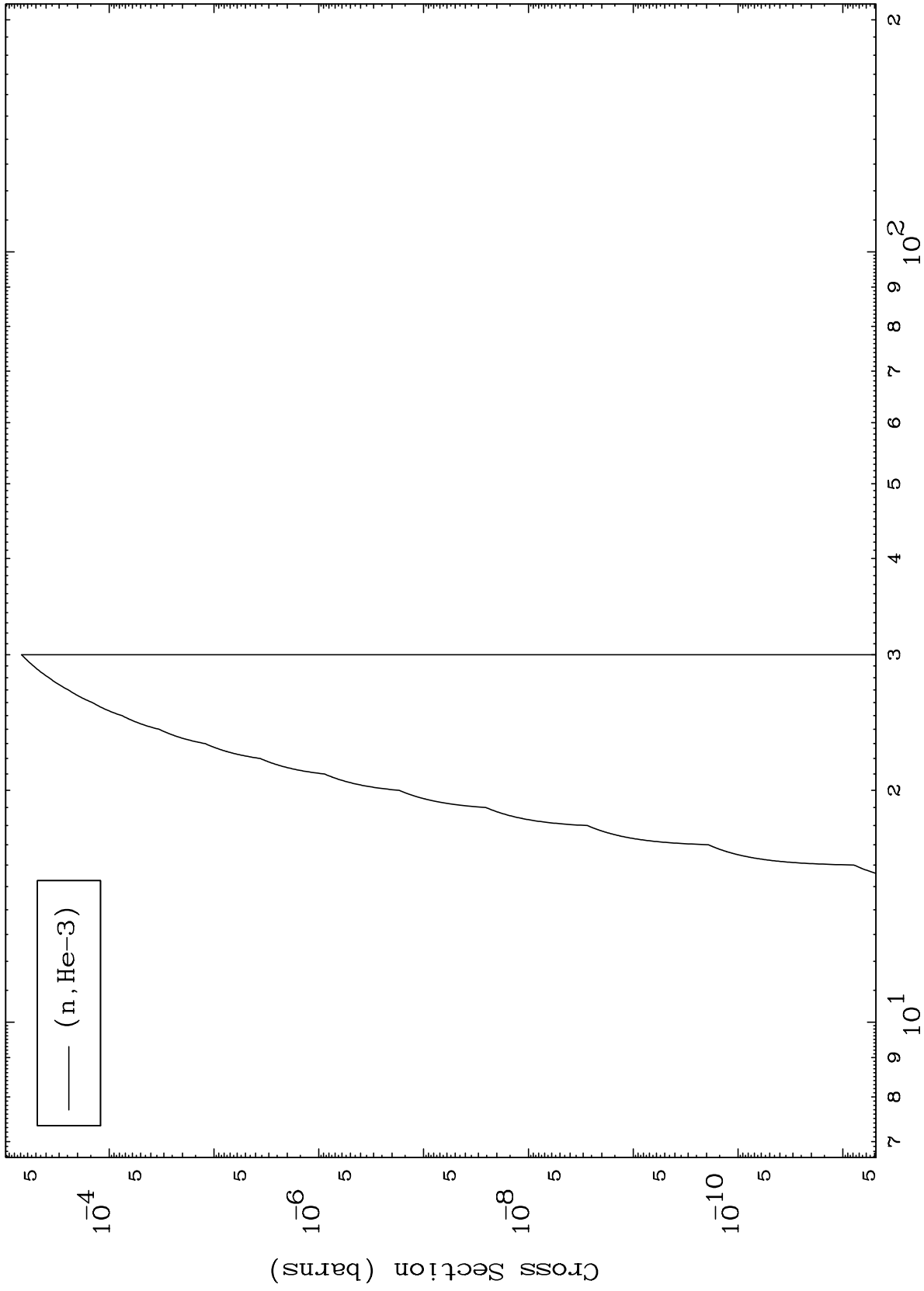
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-135



13

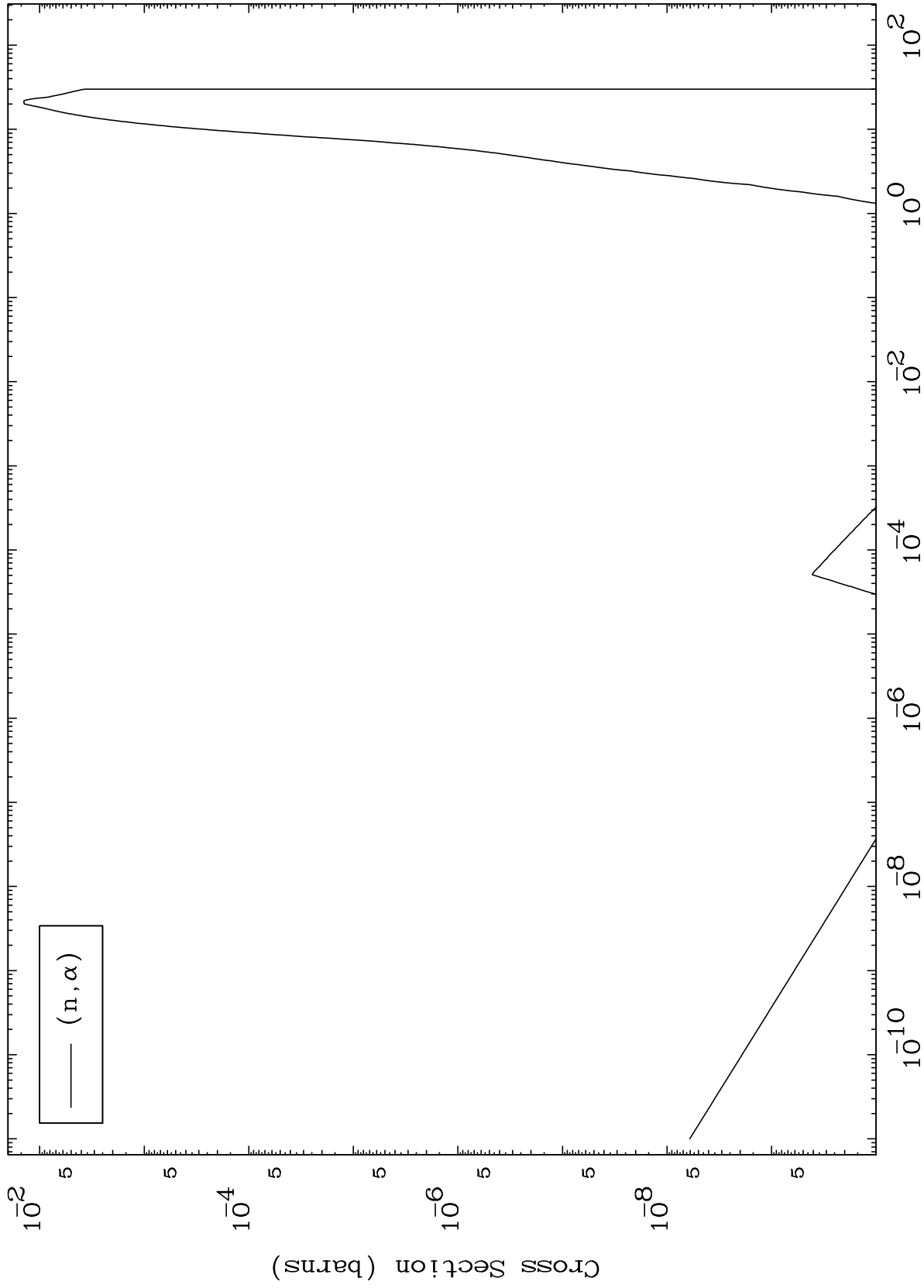
Incident Energy (MeV)

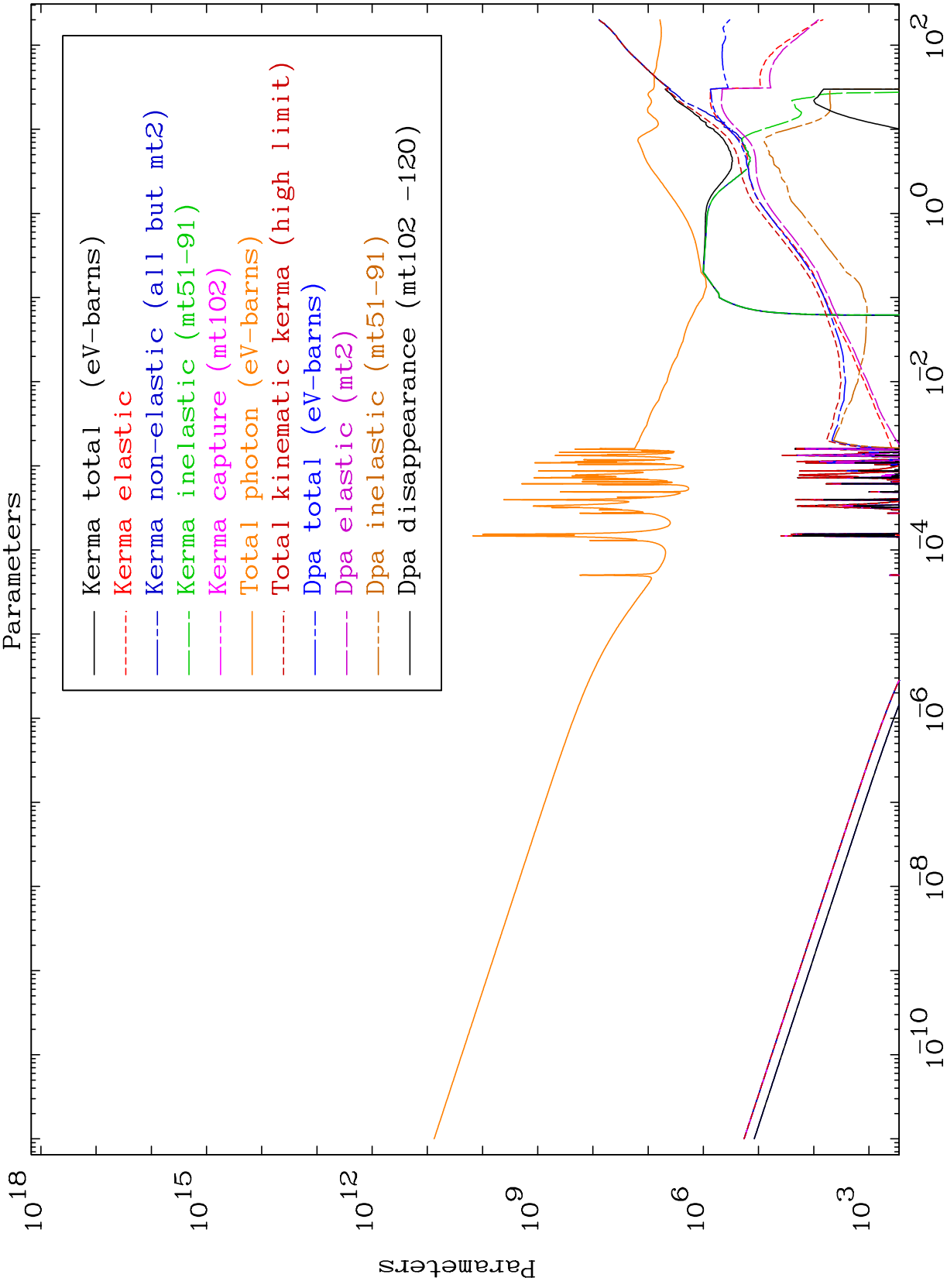
55-Cs-135

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(n,α) Levels
293 Kelvin Cross Sections

55-Cs-135





MAT 5532

Elastic Legendre Coefficients

55-Cs-135



55-Cs-135

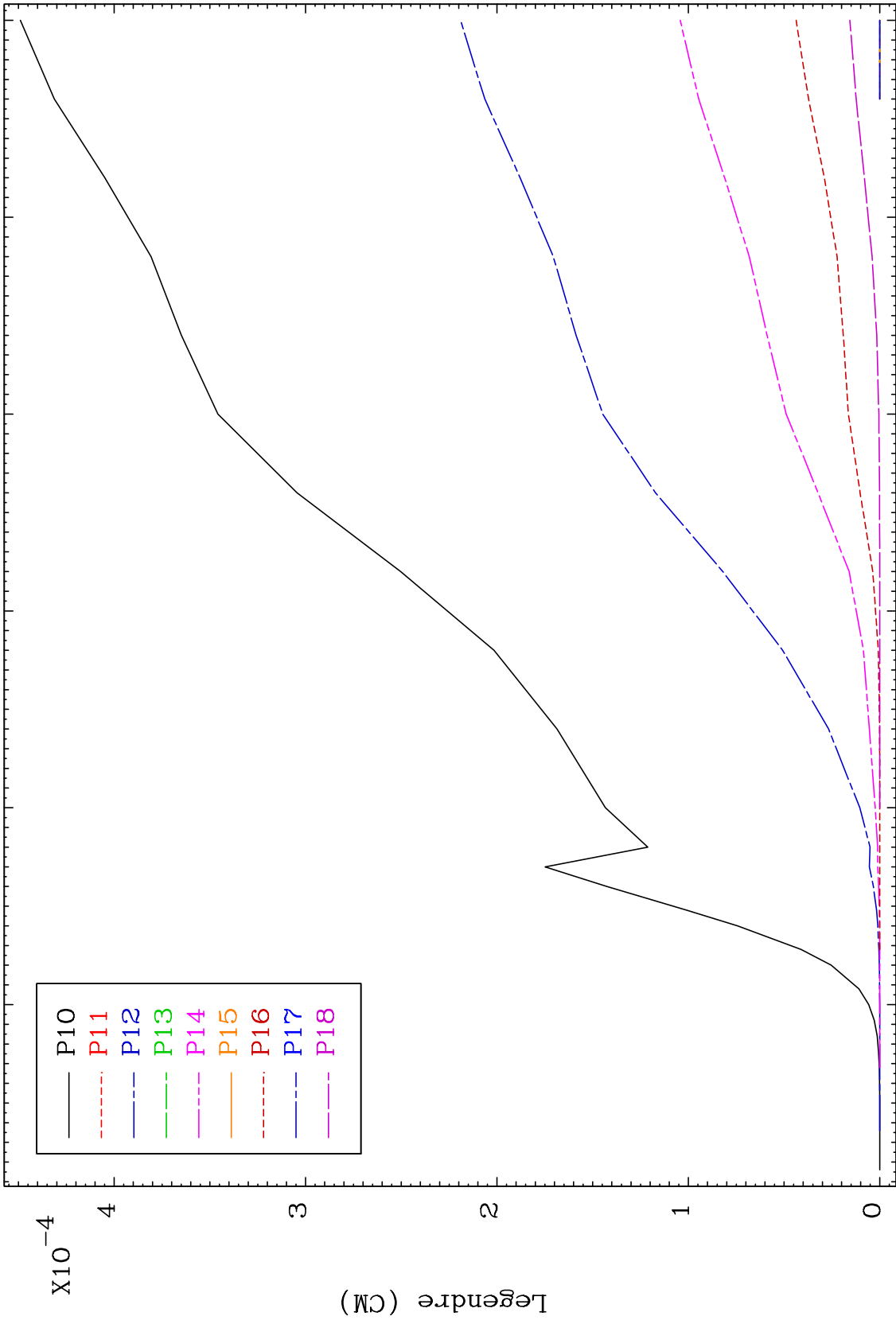
Incident Energy (MeV)

16

MAT 5532

Elastic Legendre Coefficients

55-Cs-135



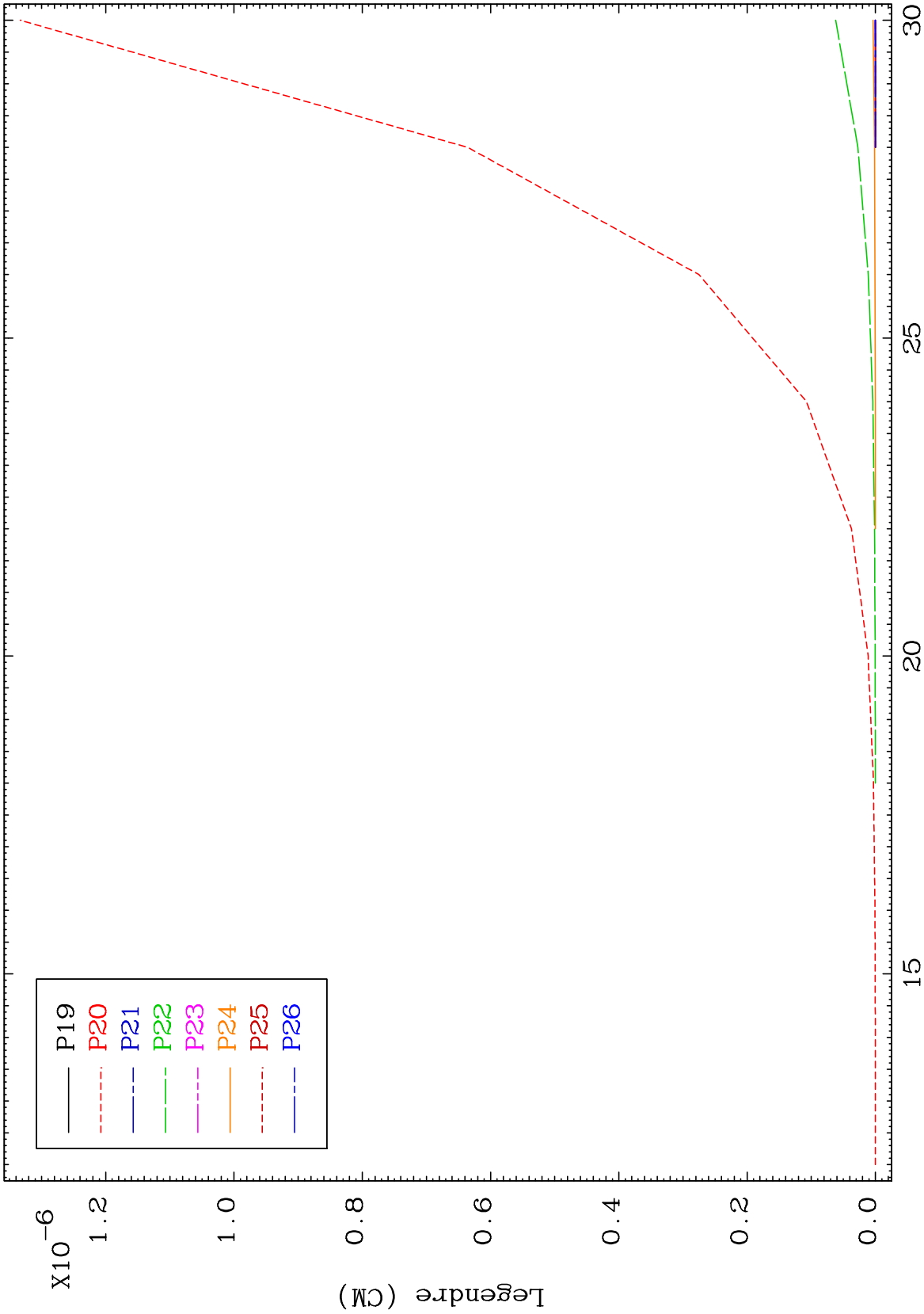
17

55-Cs-135

MAT 5532

Elastic Legendre Coefficients

55-Cs-135



18

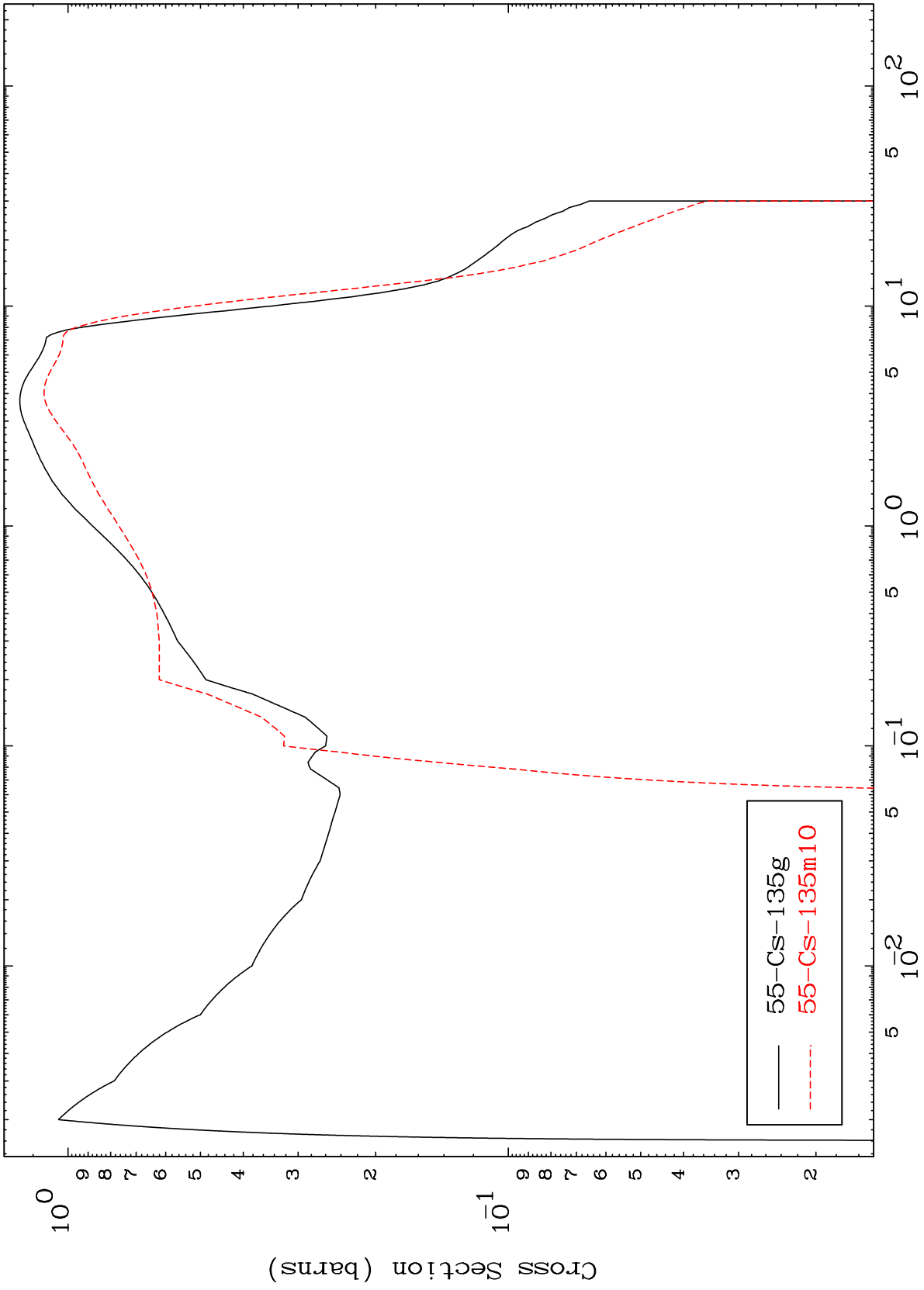
Incident Energy (MeV)

55-Cs-135

MAT 5532

55-Cs-135

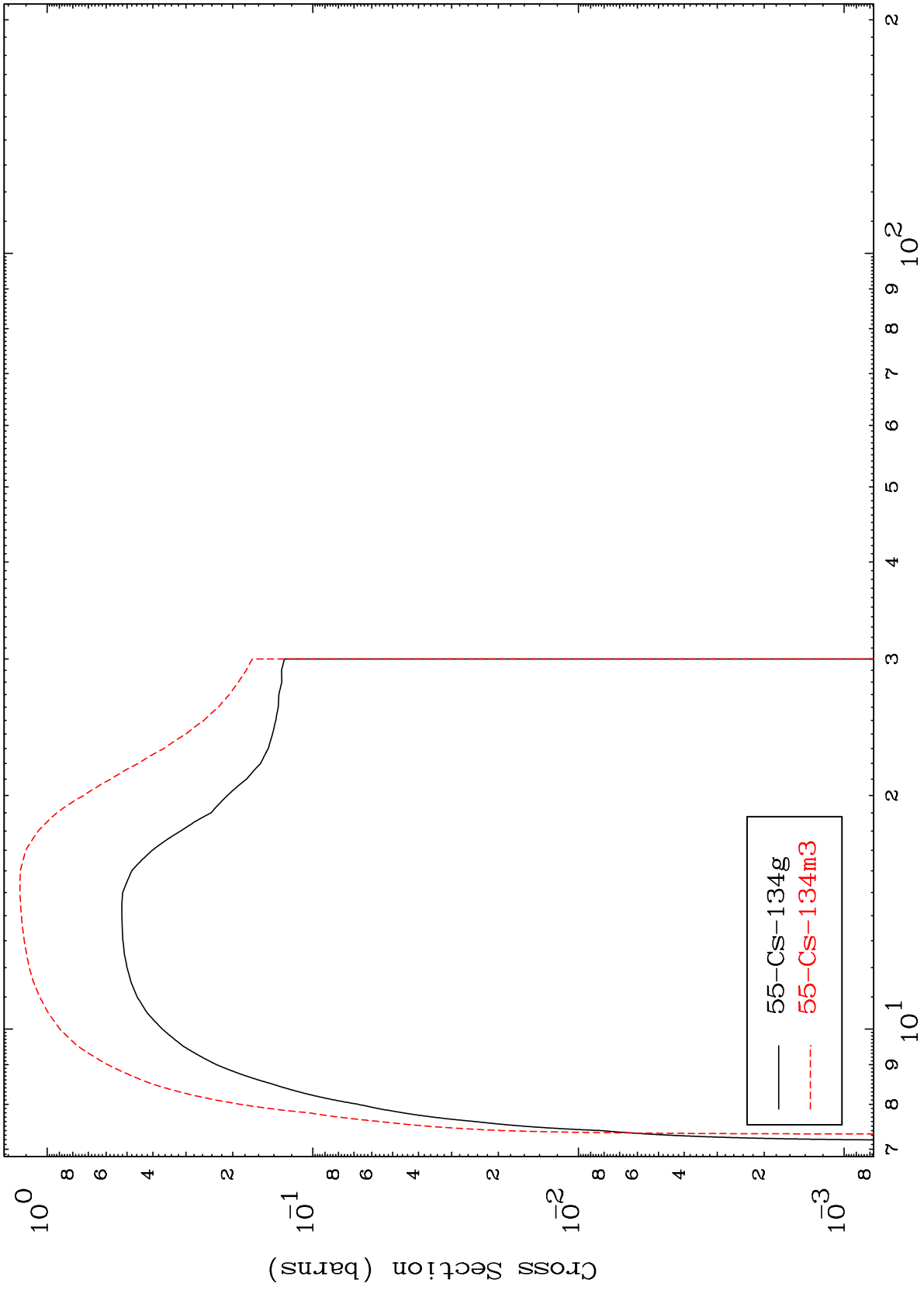
Inelastic
Radionuclide Production Cross Section



MAT 5532

55-Cs-135

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

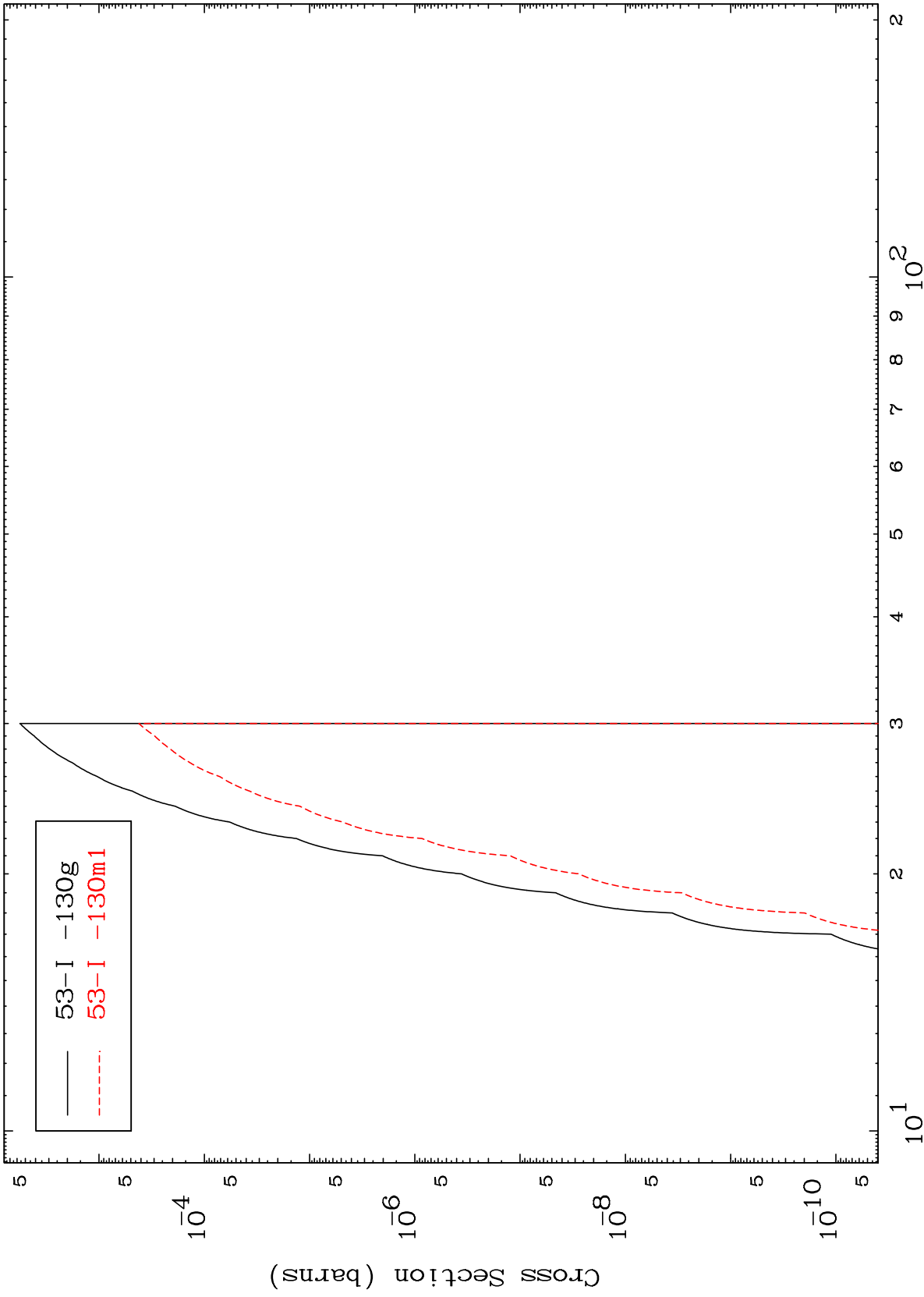
55-Cs-135

MAT 5532

(n,2n) α

55-Cs-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

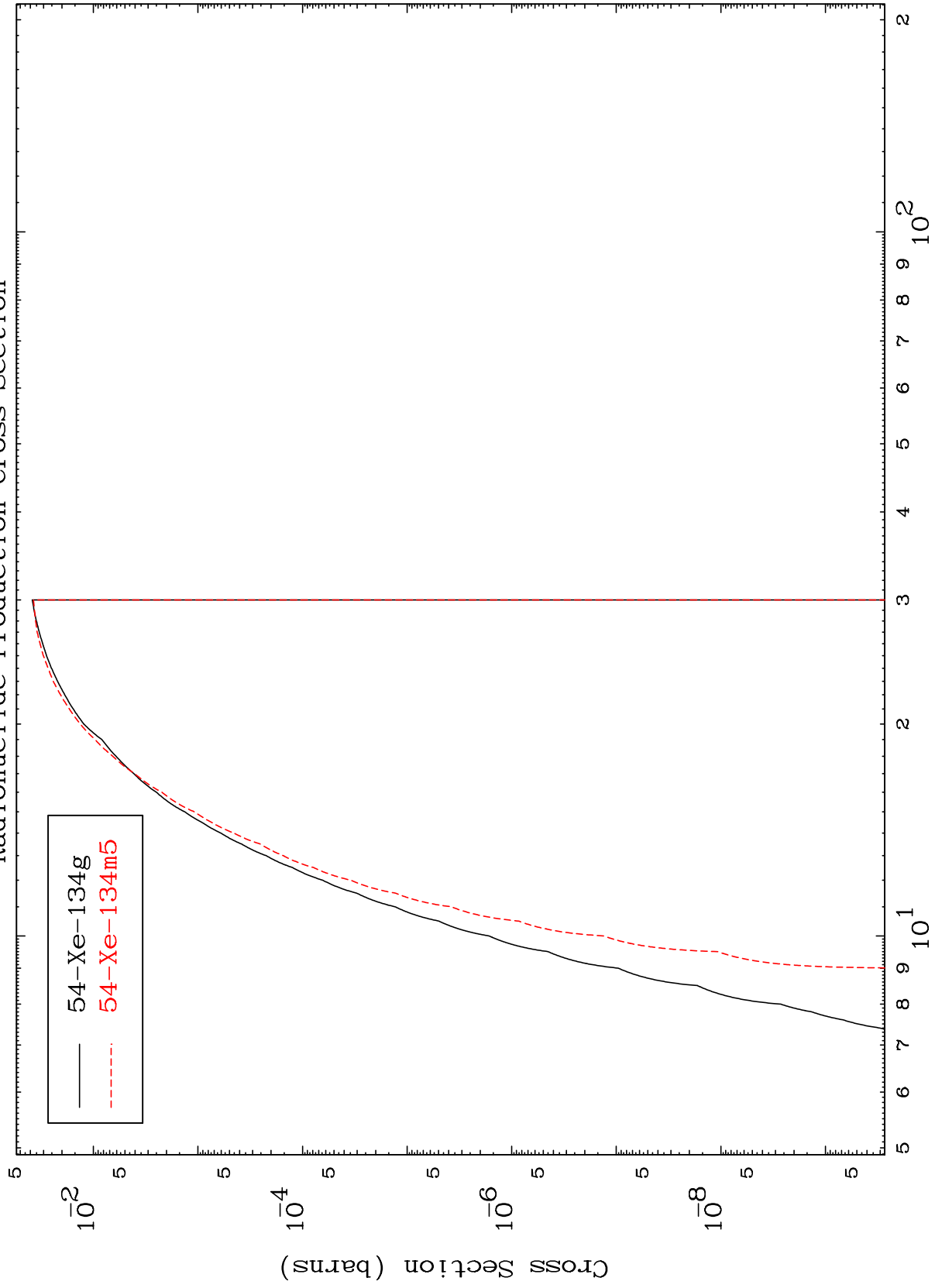
55-Cs-135

MAT 5532

(n,n') p

55-Cs-135

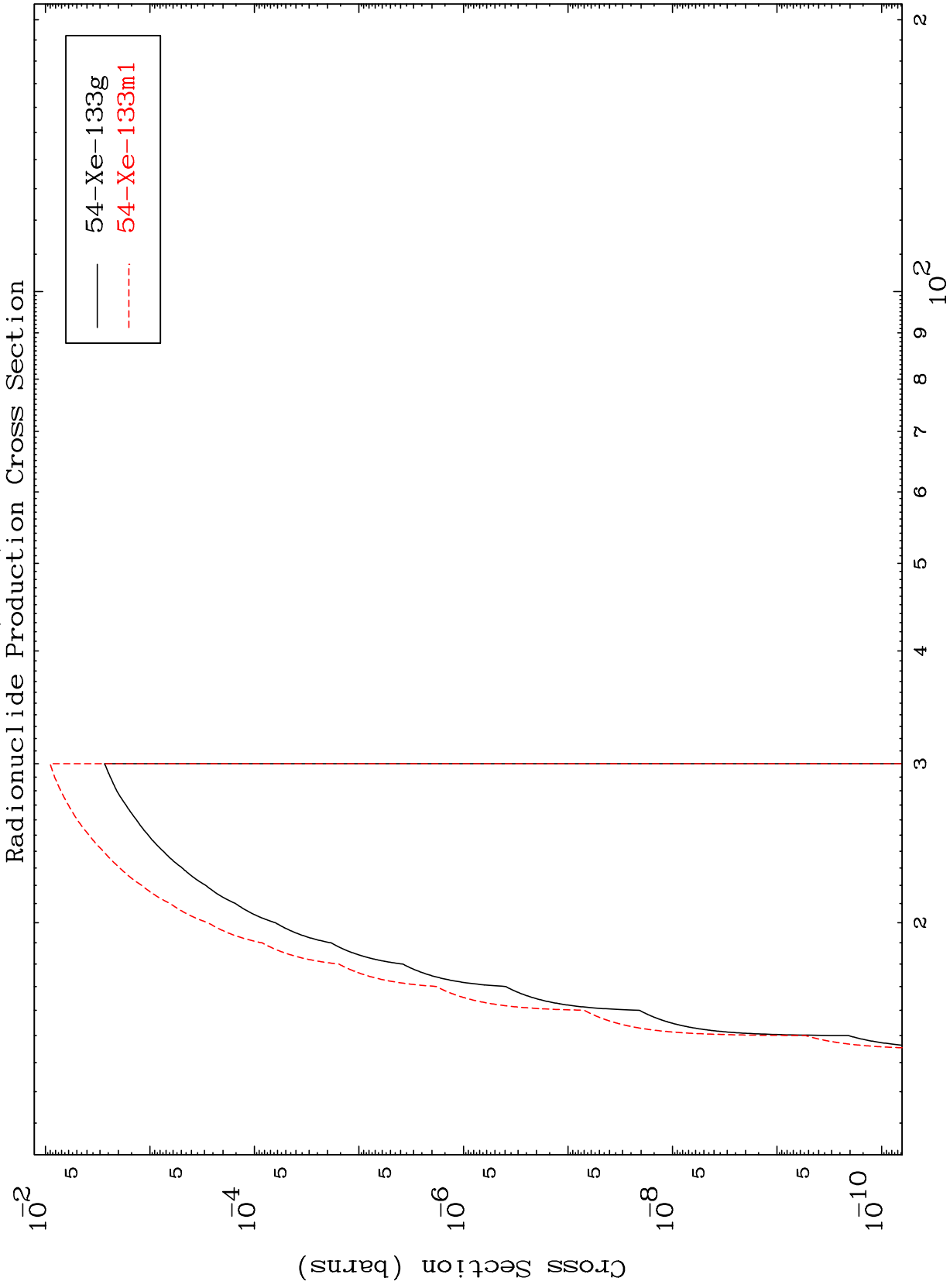
Radionuclide Production Cross Section



MAT 5532

(n,n') d

55-Cs-135



23

Incident Energy (MeV)

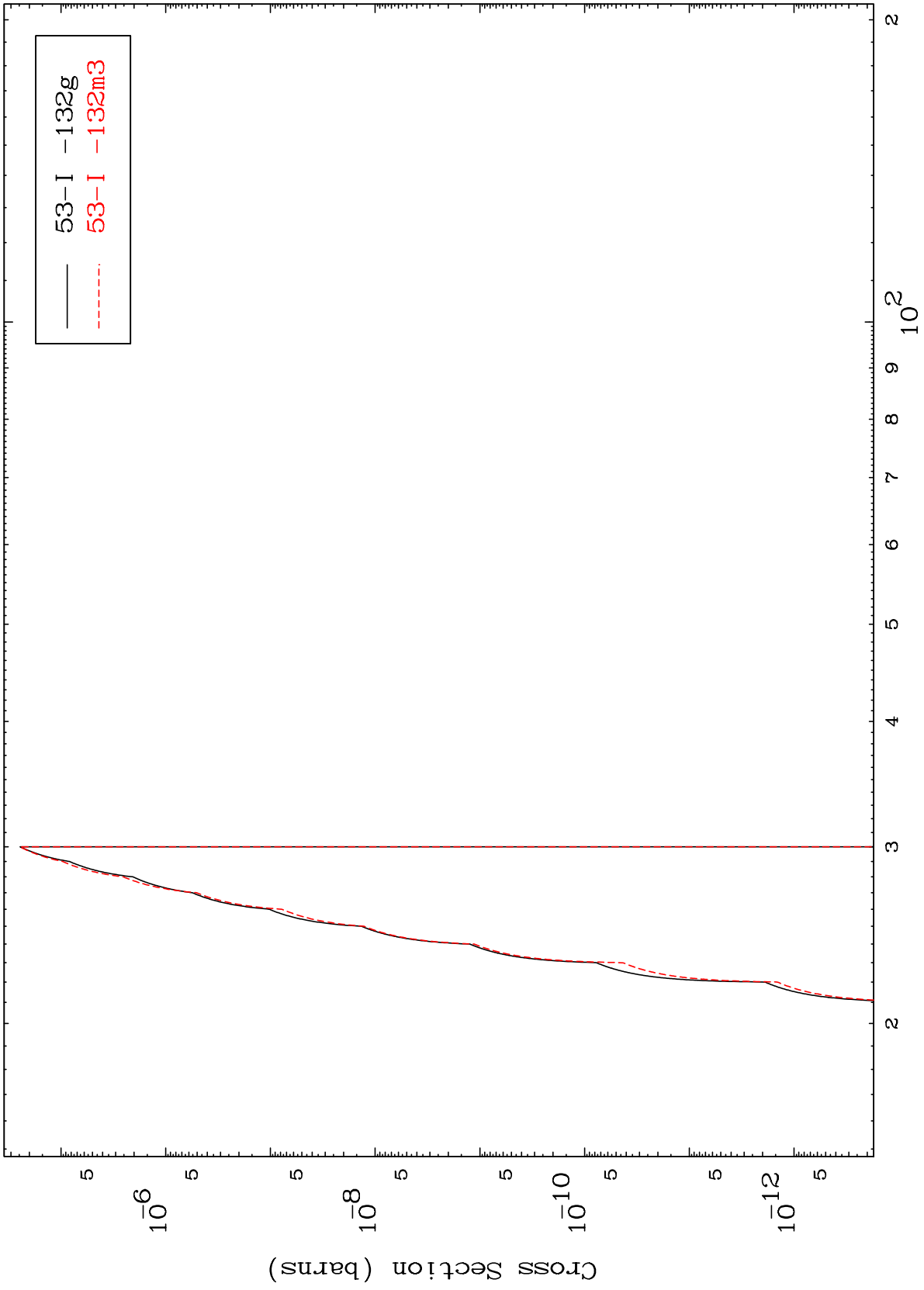
55-Cs-135

MAT 5532

(n, n') He-3

55-Cs-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

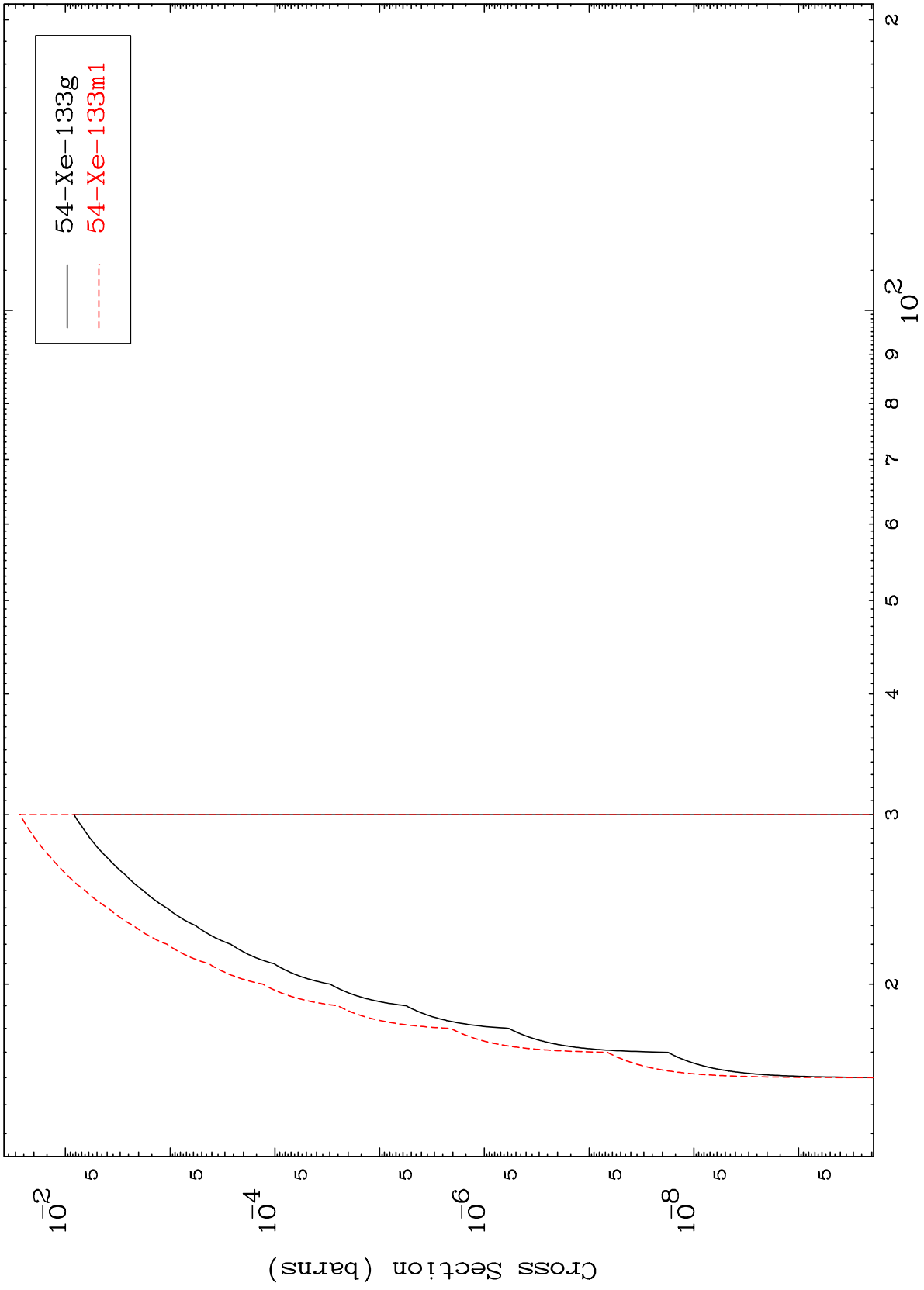
55-Cs-135

MAT 5532

(n,2n) p

55-Cs-135

Radionuclide Production Cross Section



25

Incident Energy (MeV)

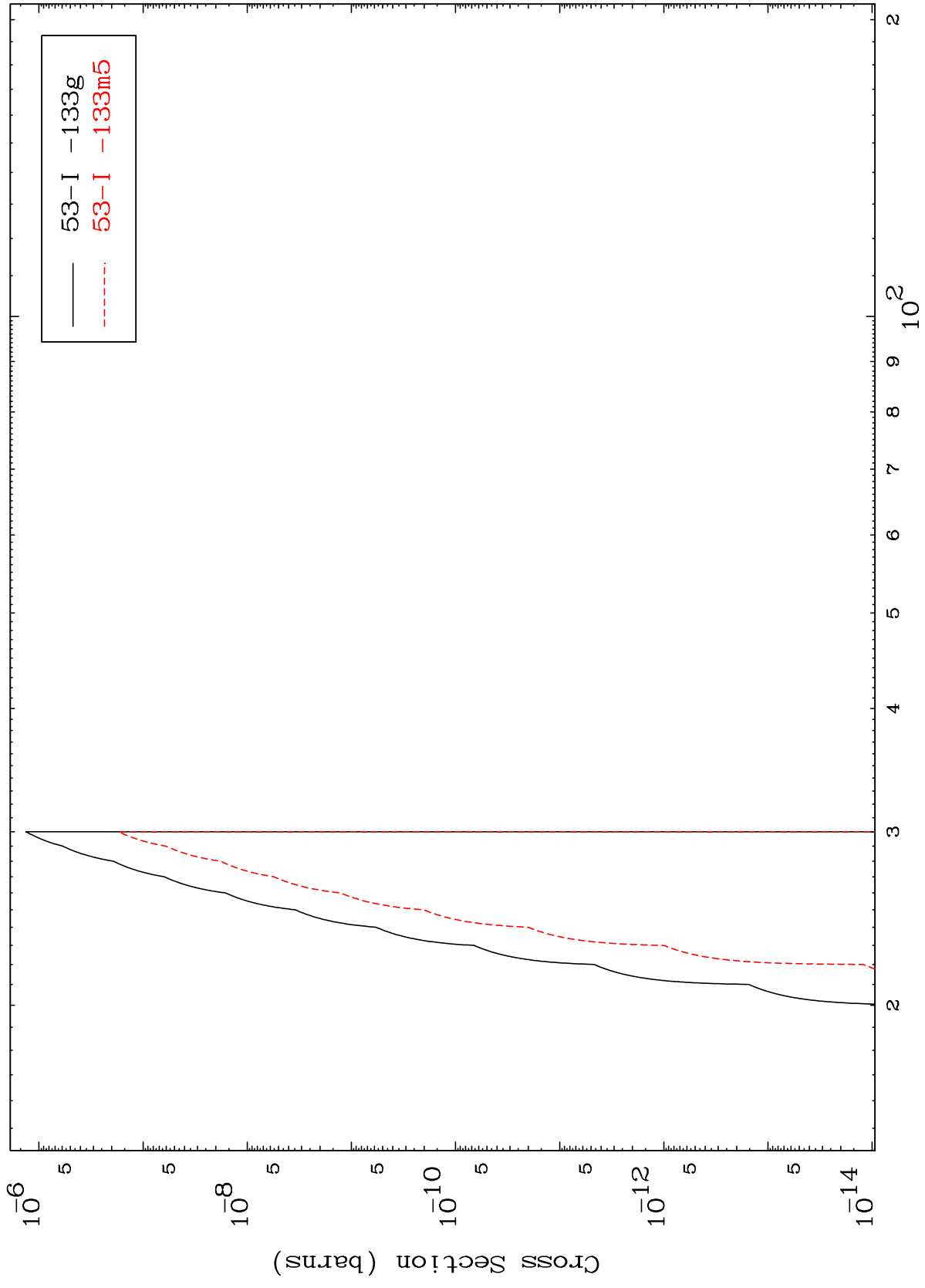
55-Cs-135

MAT 5532

(n,2n) p

55-Cs-135

Radionuclide Production Cross Section



26

Incident Energy (MeV)

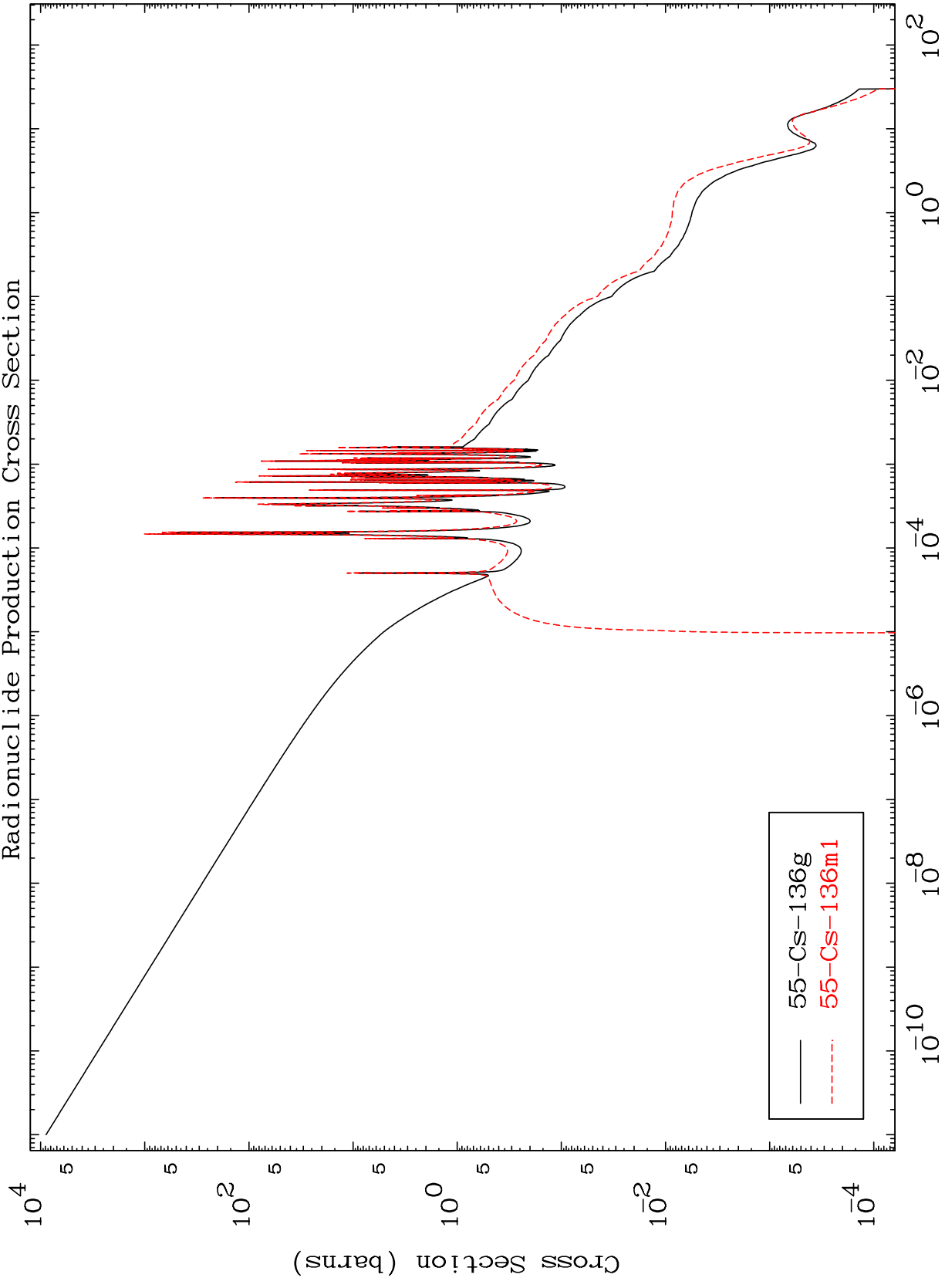
55-Cs-135

MAT 5532

55-Cs-135

Radionuclide Production Cross Section

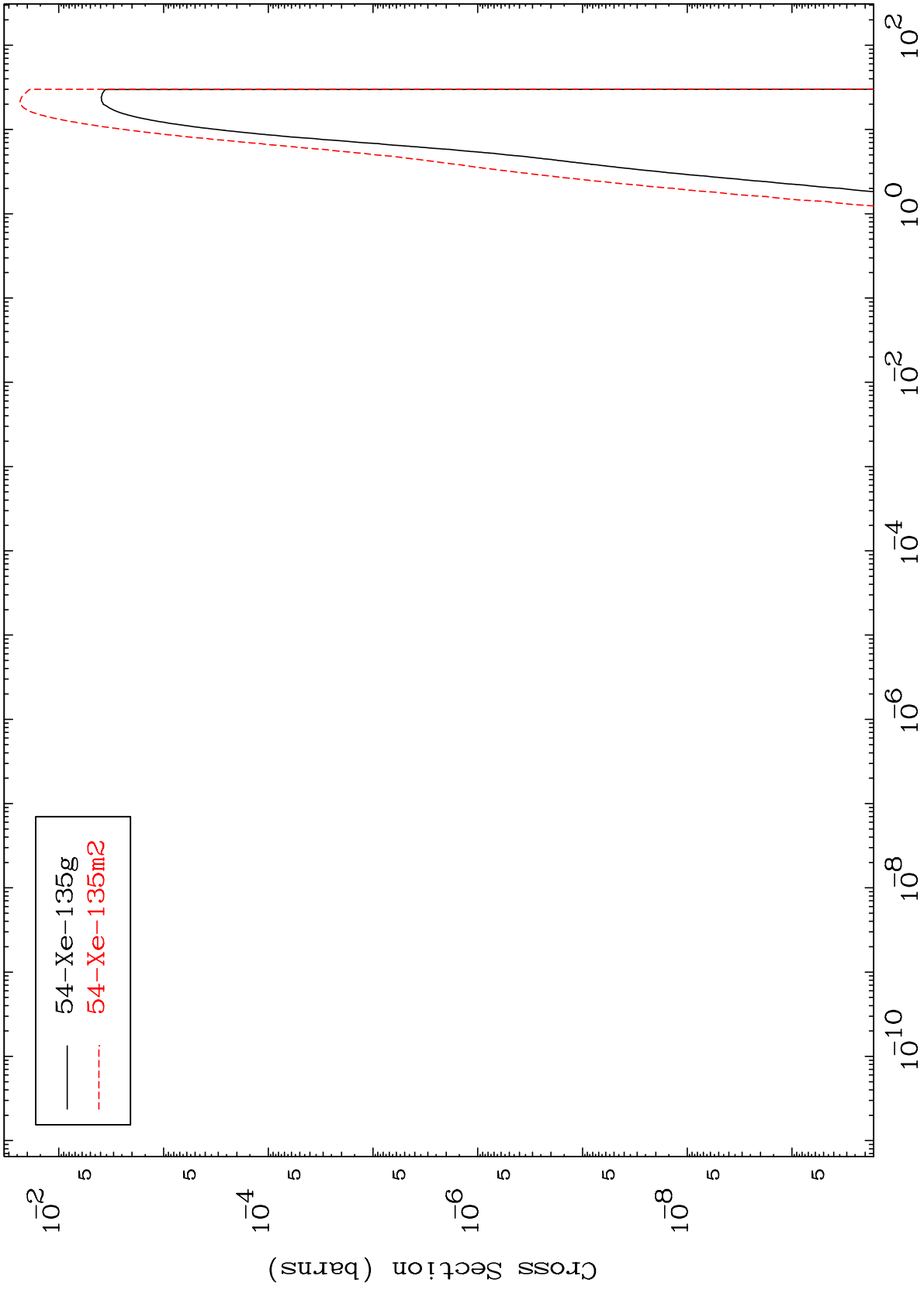
(n,γ)



MAT 5532

(n,p)
Radionuclide Production Cross Section

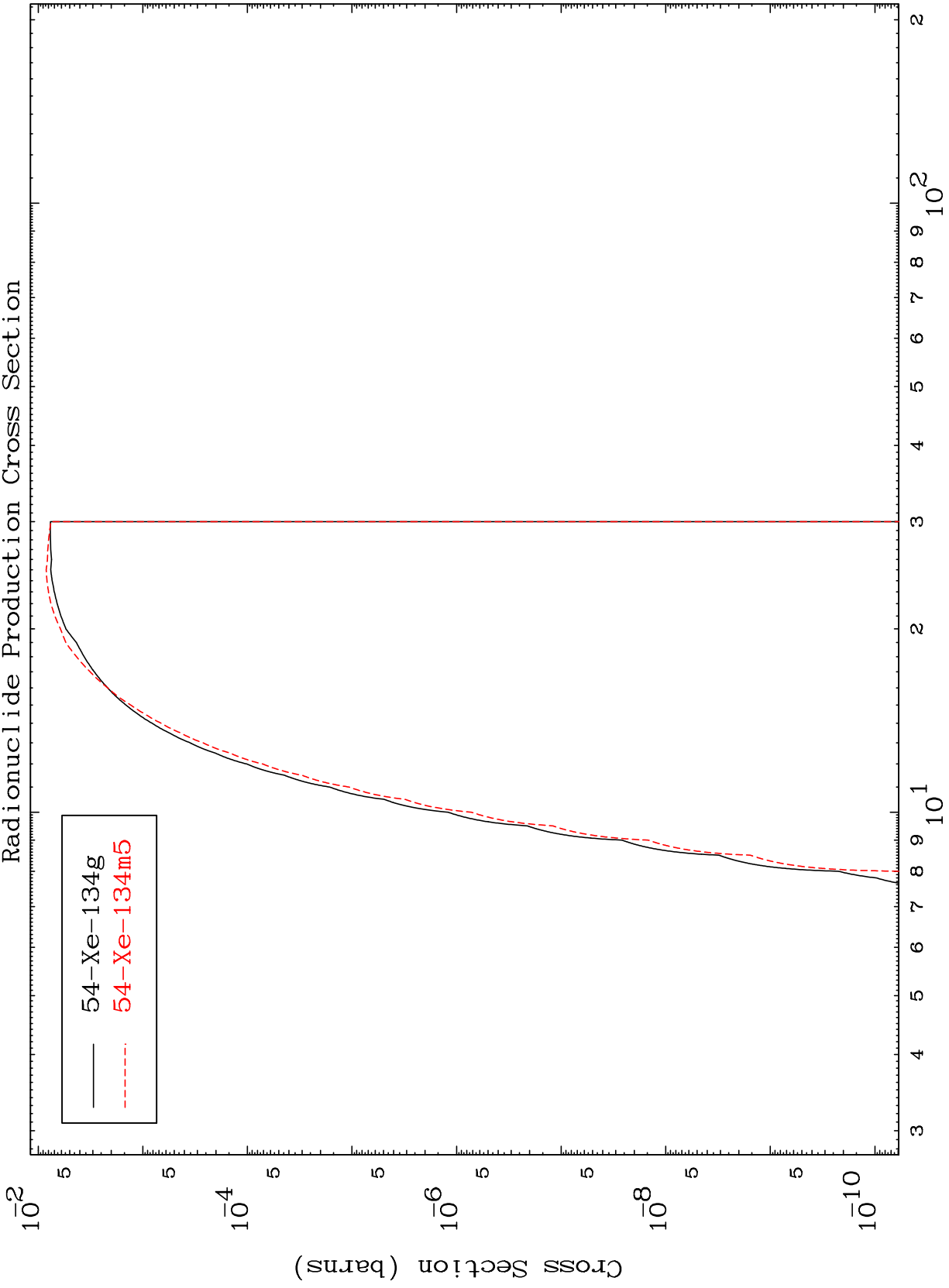
55-Cs-135



MAT 5532

55-Cs-135

(n,d)
Radionuclide Production Cross Section



29

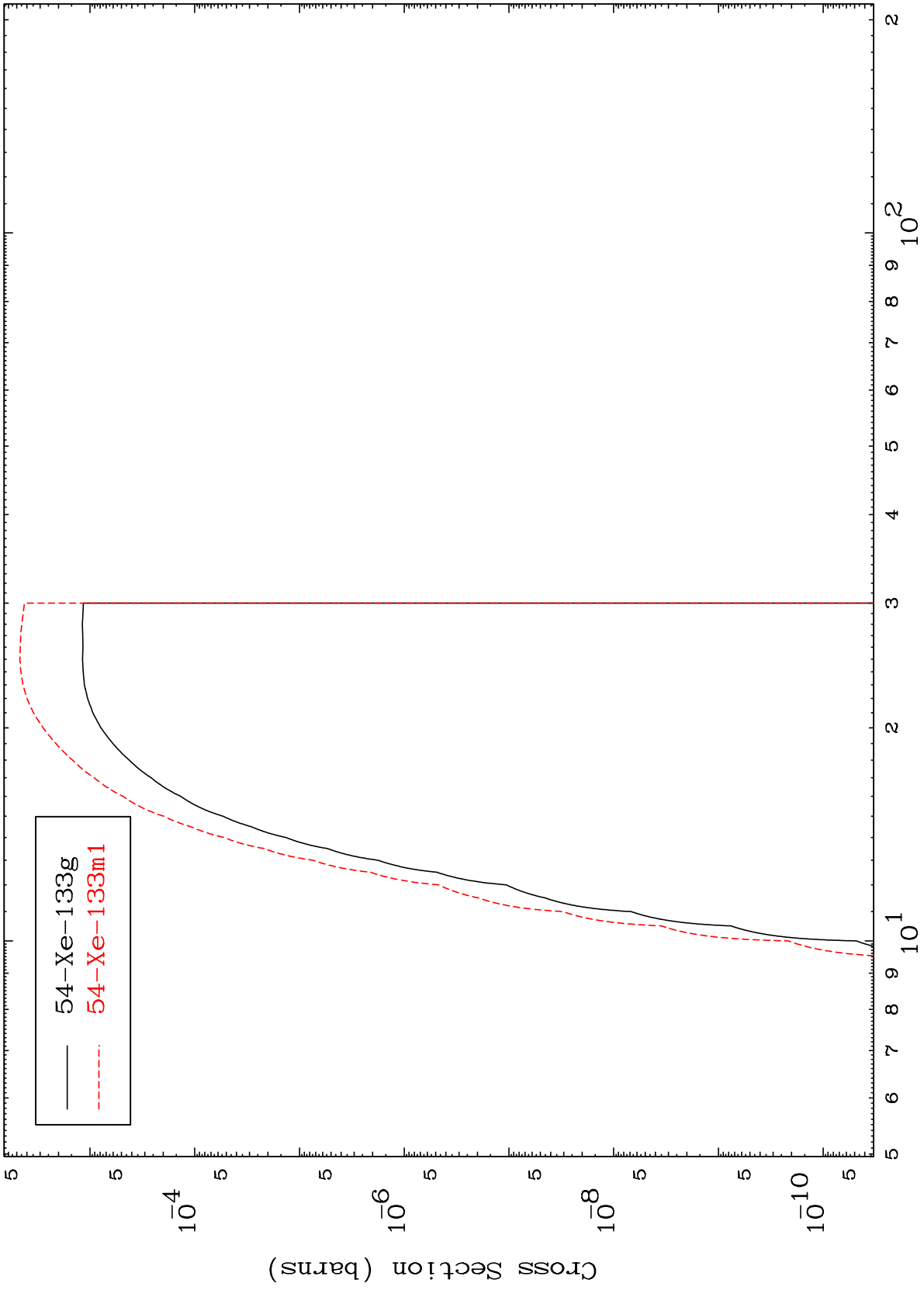
Incident Energy (MeV)

55-Cs-135

MAT 5532

55-Cs-135

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

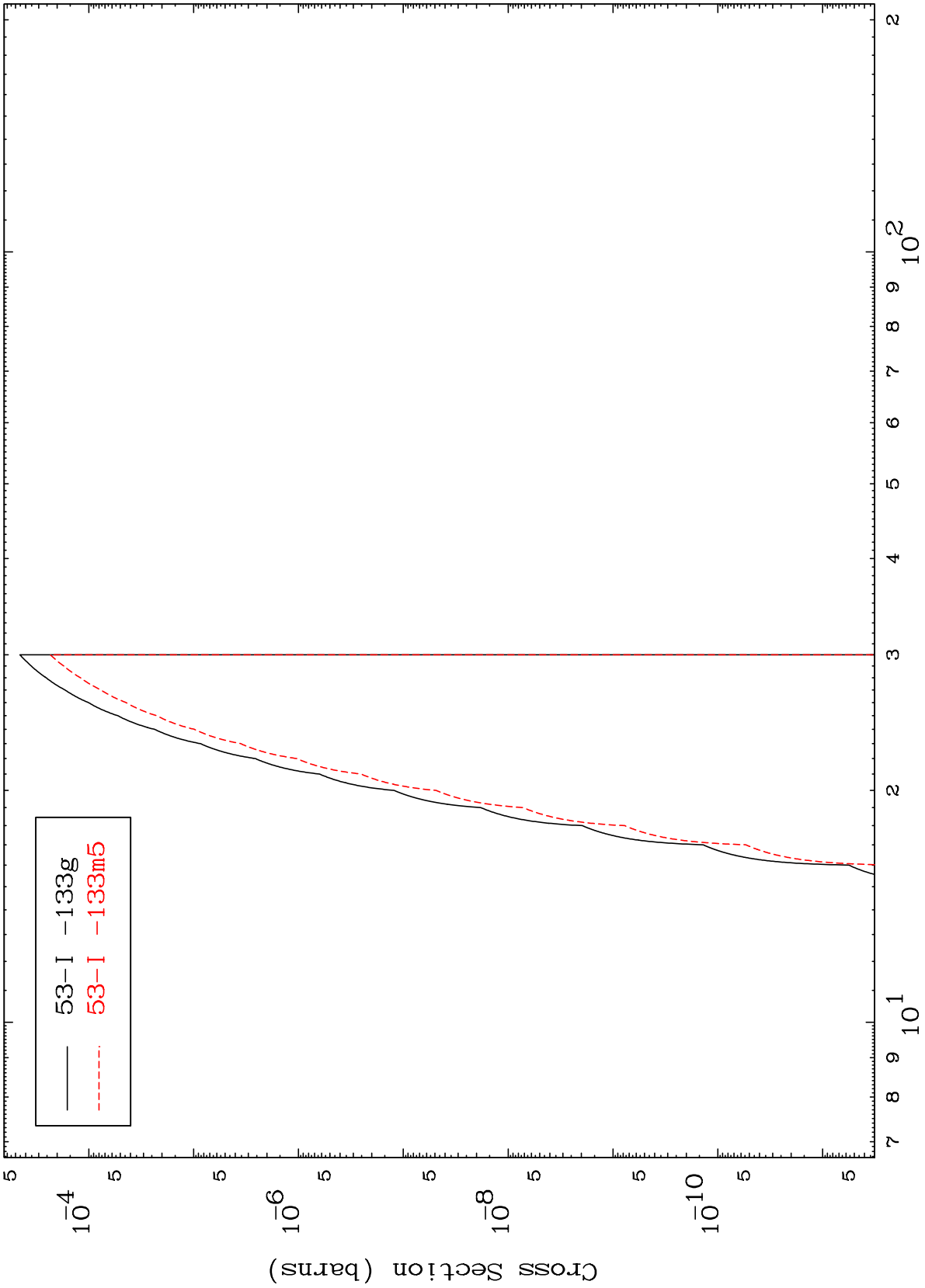
55-Cs-135

MAT 5532

(n, He-3)

55-Cs-135

Radionuclide Production Cross Section



31

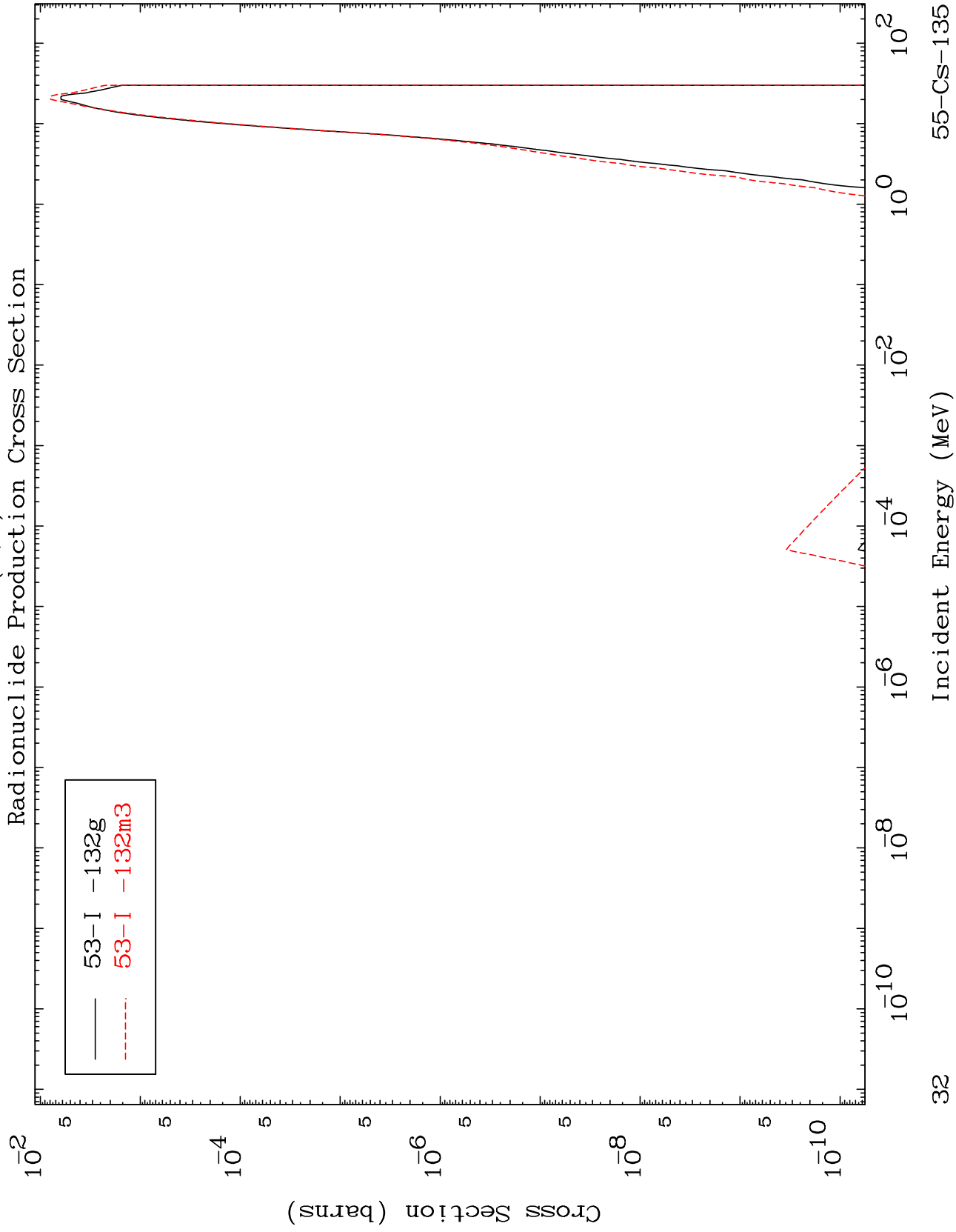
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n, α)

55-Cs-135

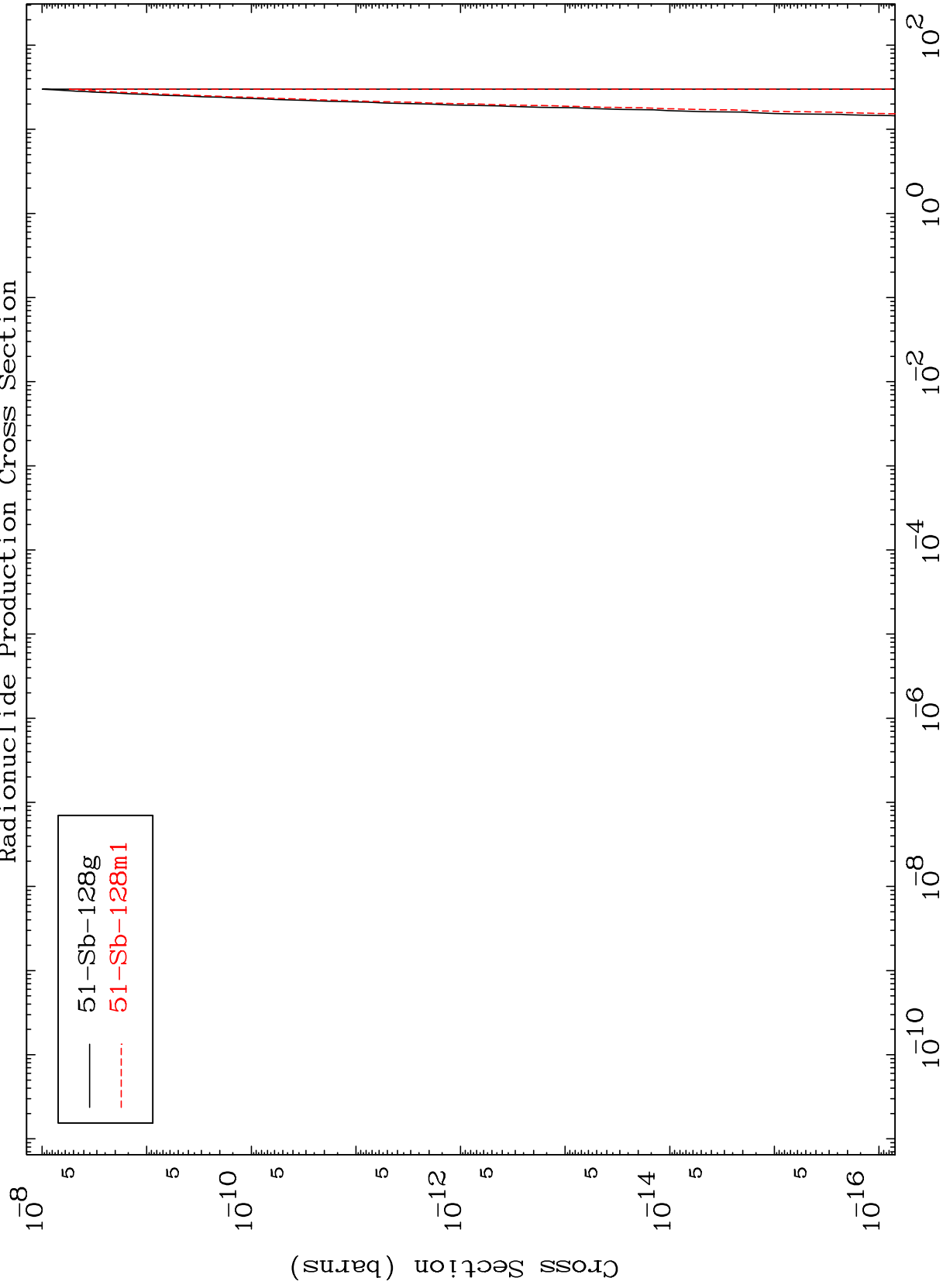


MAT 5532

(n,2α)

55-Cs-135

Radionuclide Production Cross Section



33

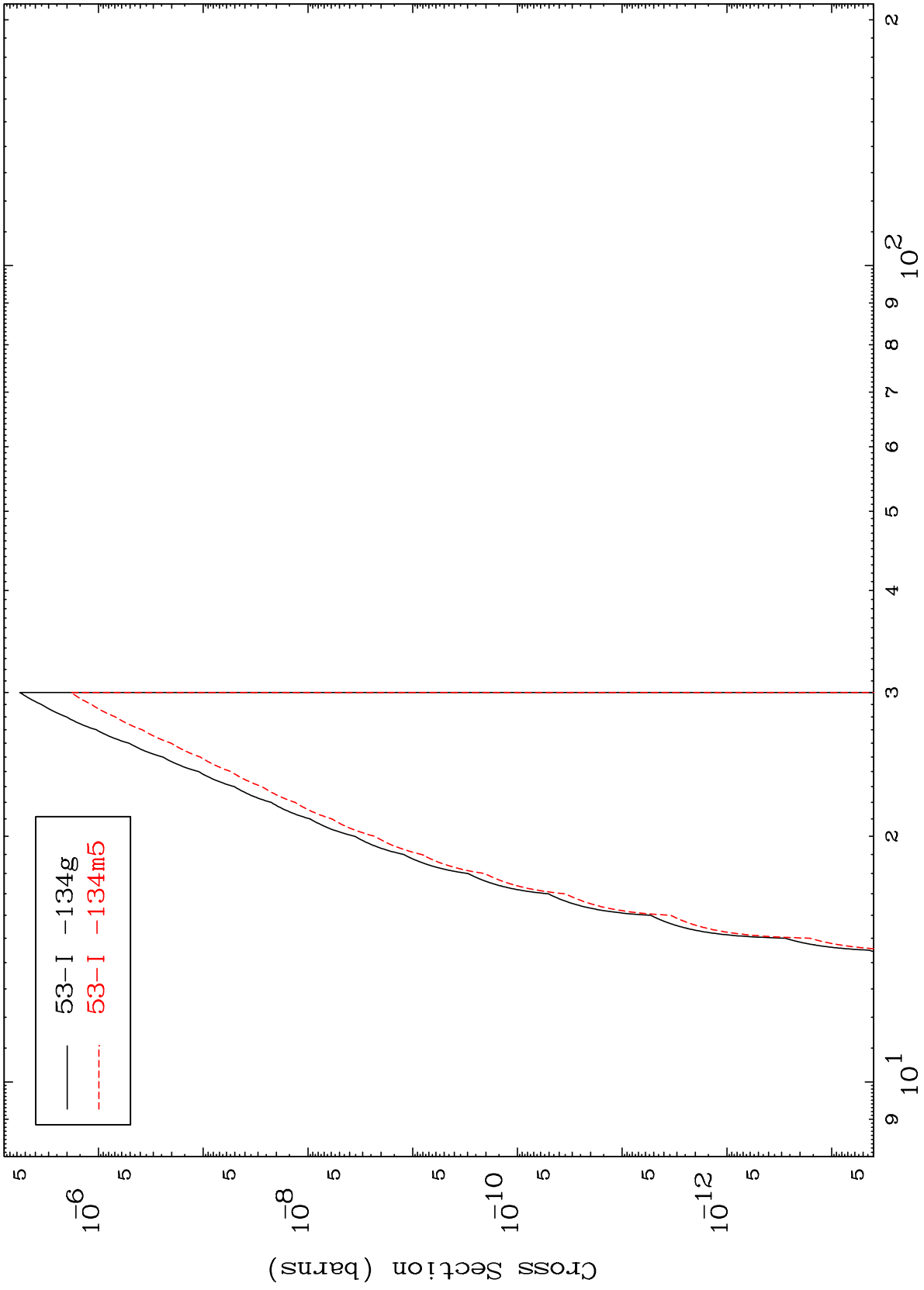
Incident Energy (MeV)

55-Cs-135

MAT 5532

55-Cs-135

(n,2p)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

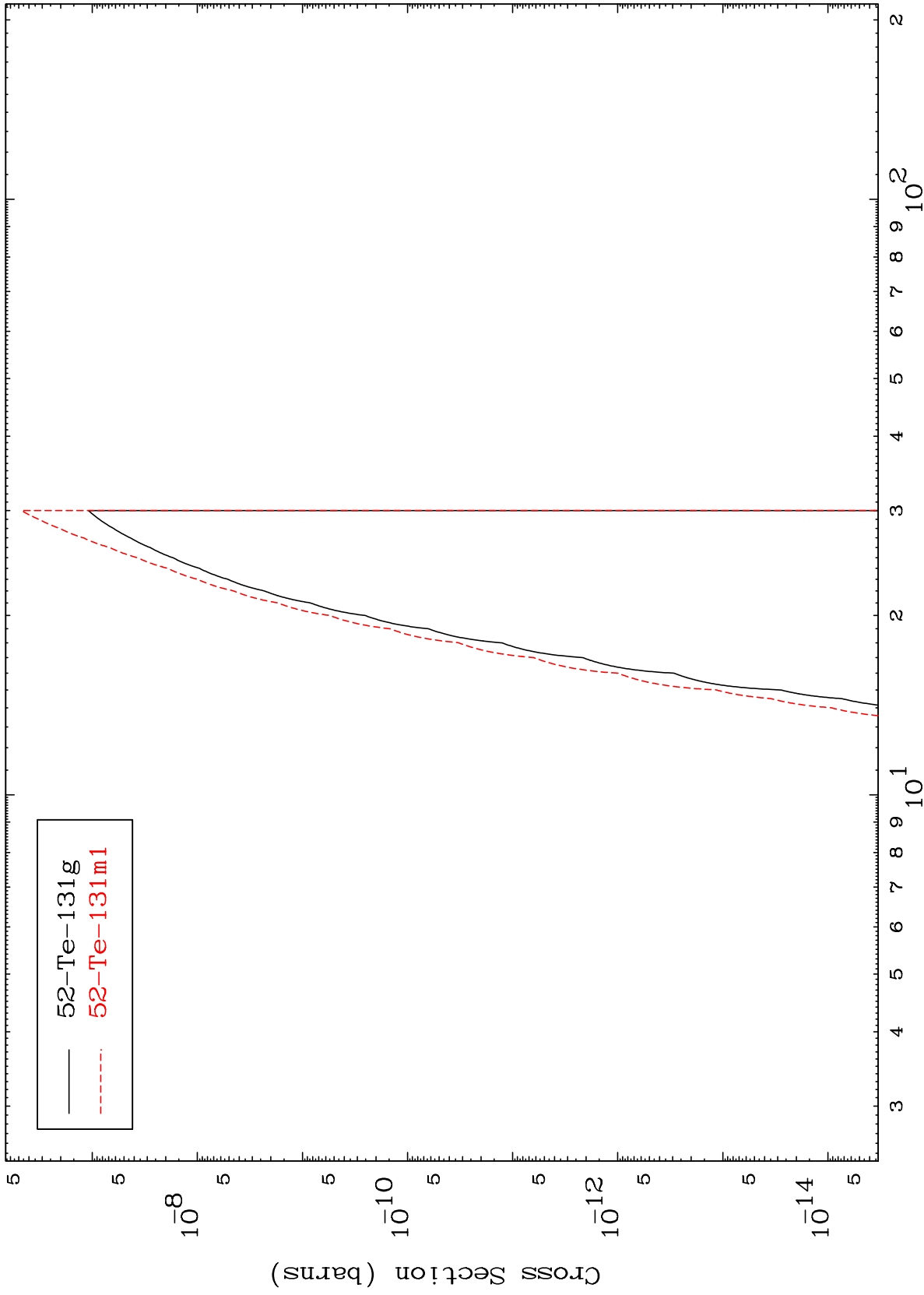
55-Cs-135

MAT 5532

(n,p) α

55-Cs-135

Radionuclide Production Cross Section



35

Incident Energy (MeV)

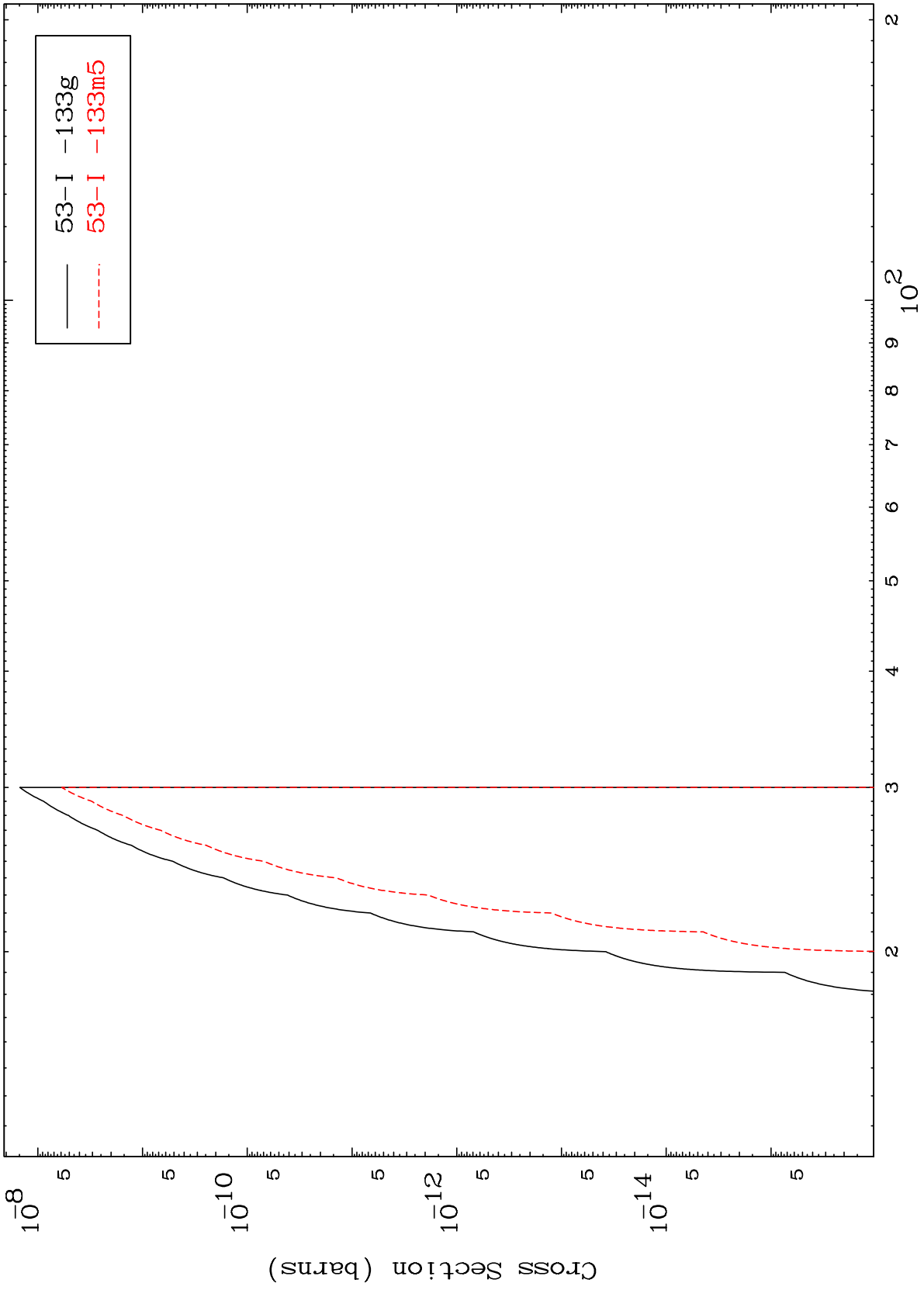
55-Cs-135

MAT 5532

(n,p) d

55-Cs-135

Radionuclide Production Cross Section



36

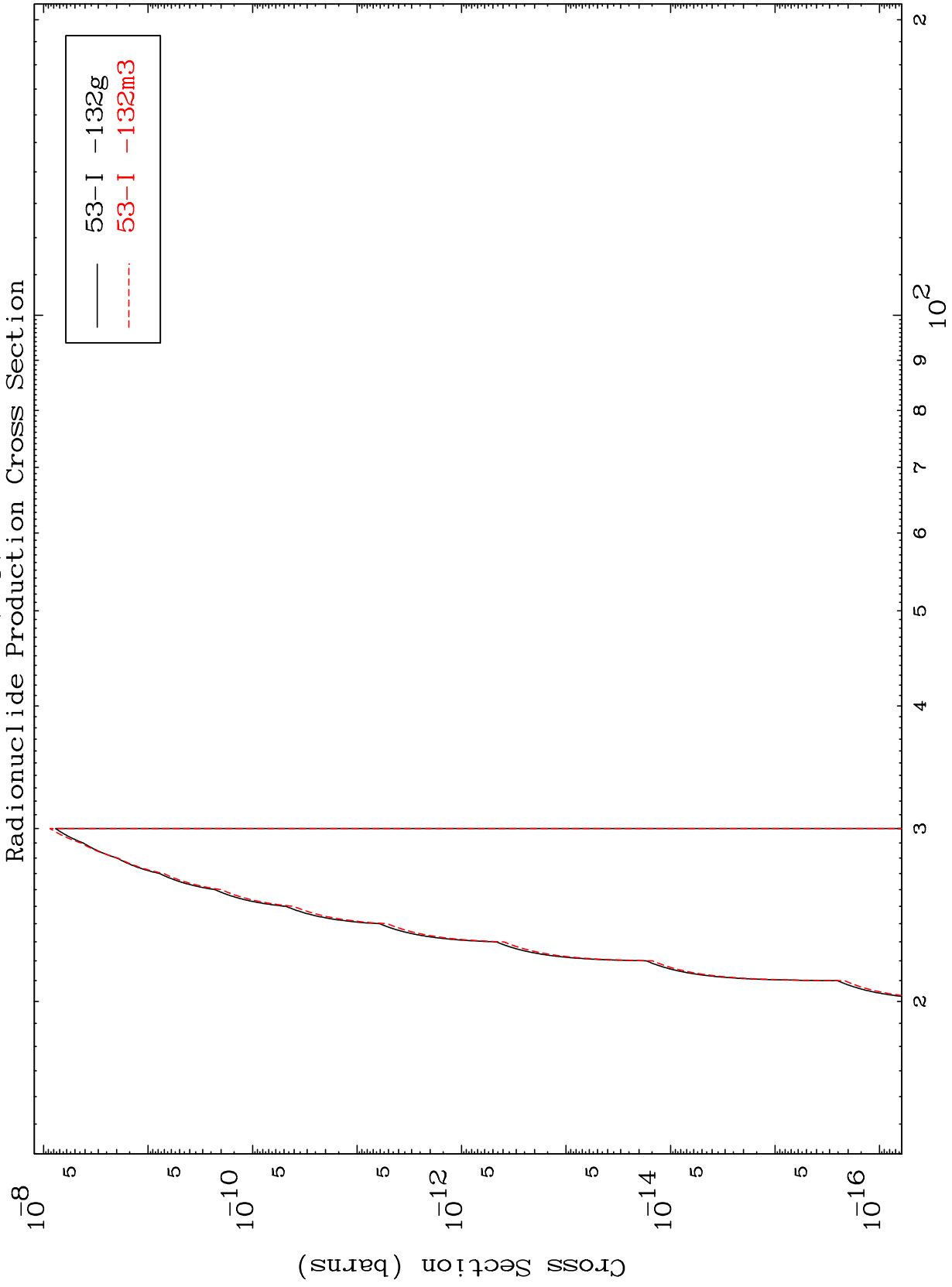
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n,p) t

55-Cs-135



37

Incident Energy (MeV)

55-Cs-135