

Program EVALPLOT
(Version 2018-1)

by

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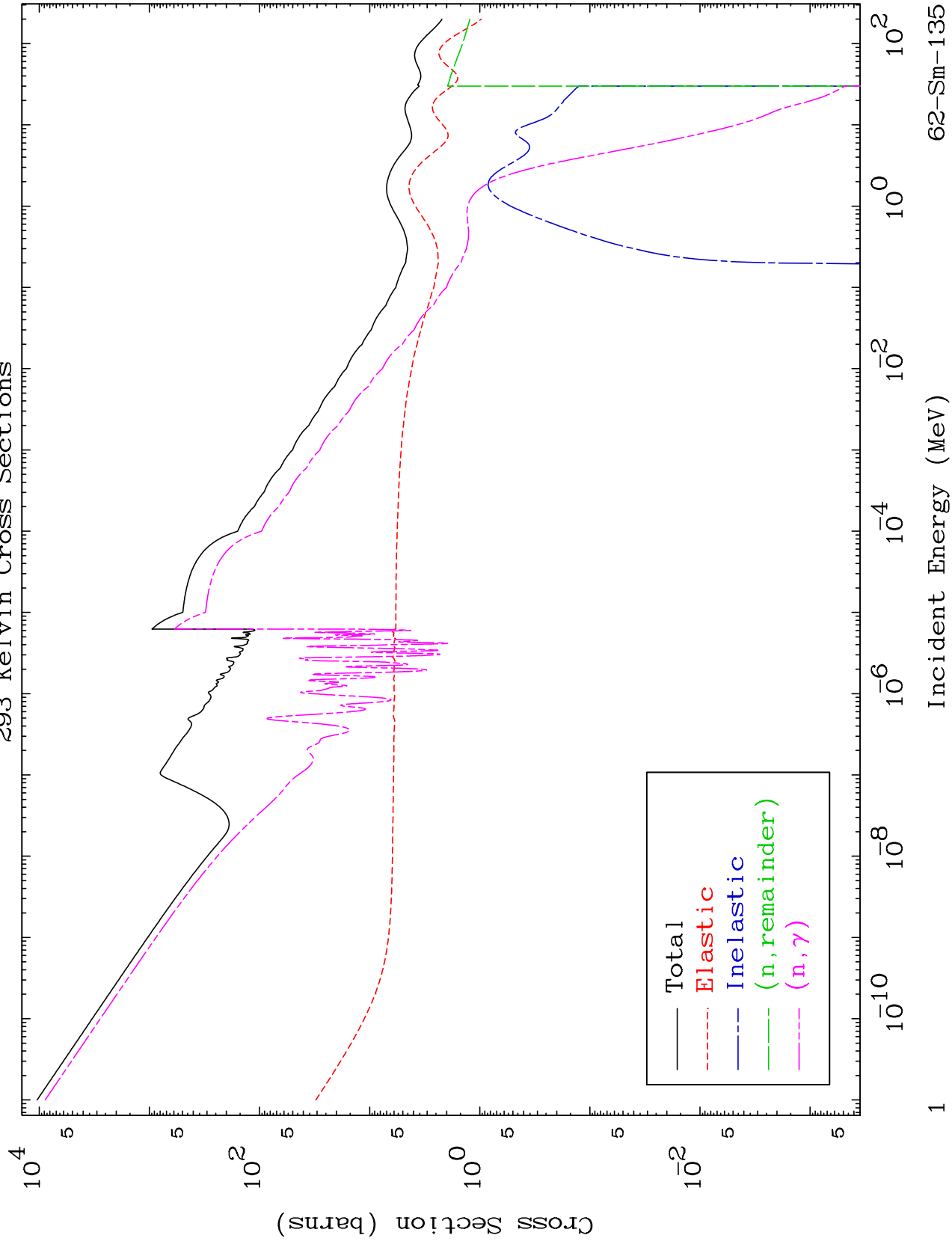
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6198

Major
293 Kelvin Cross Sections

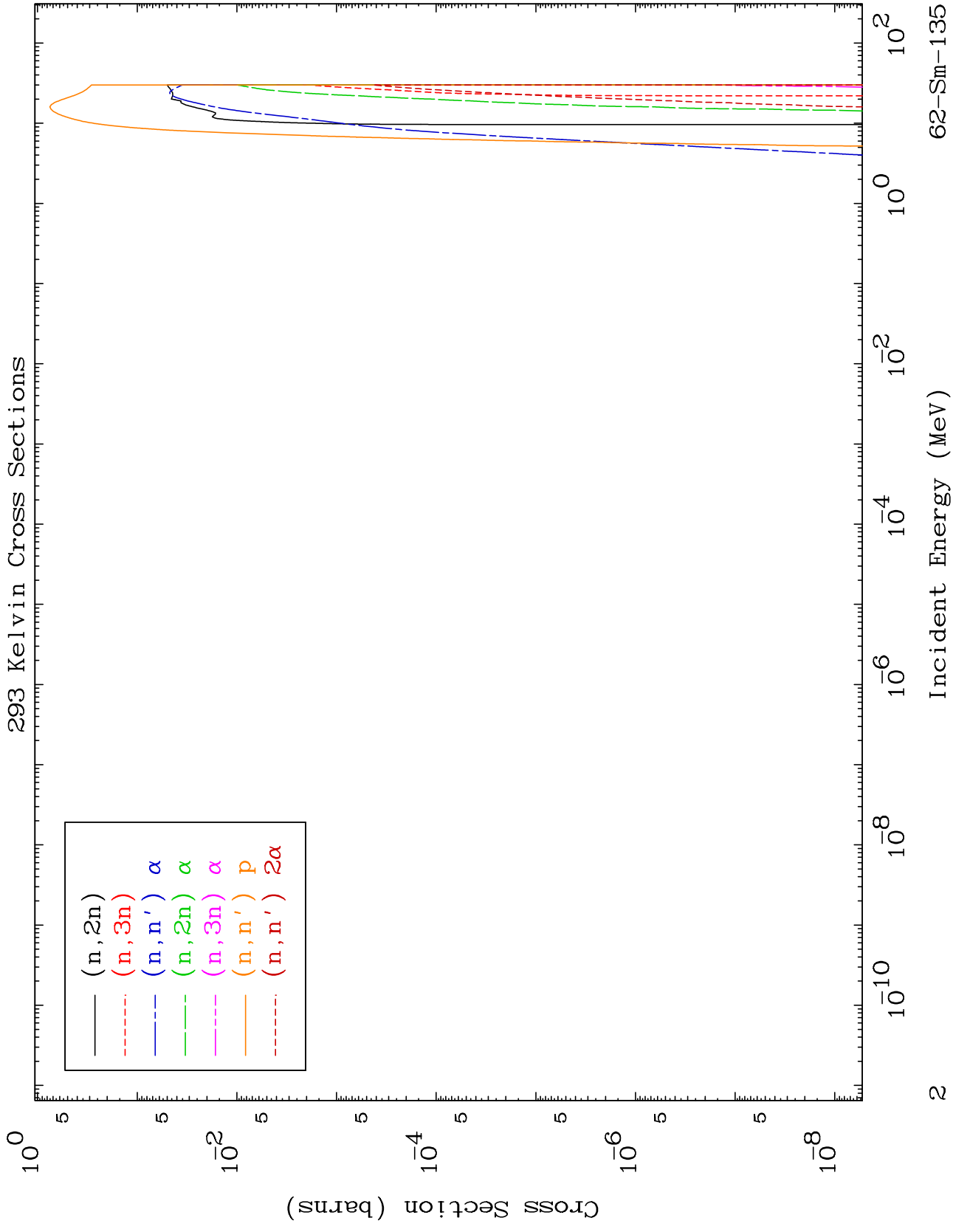
62-Sm-135

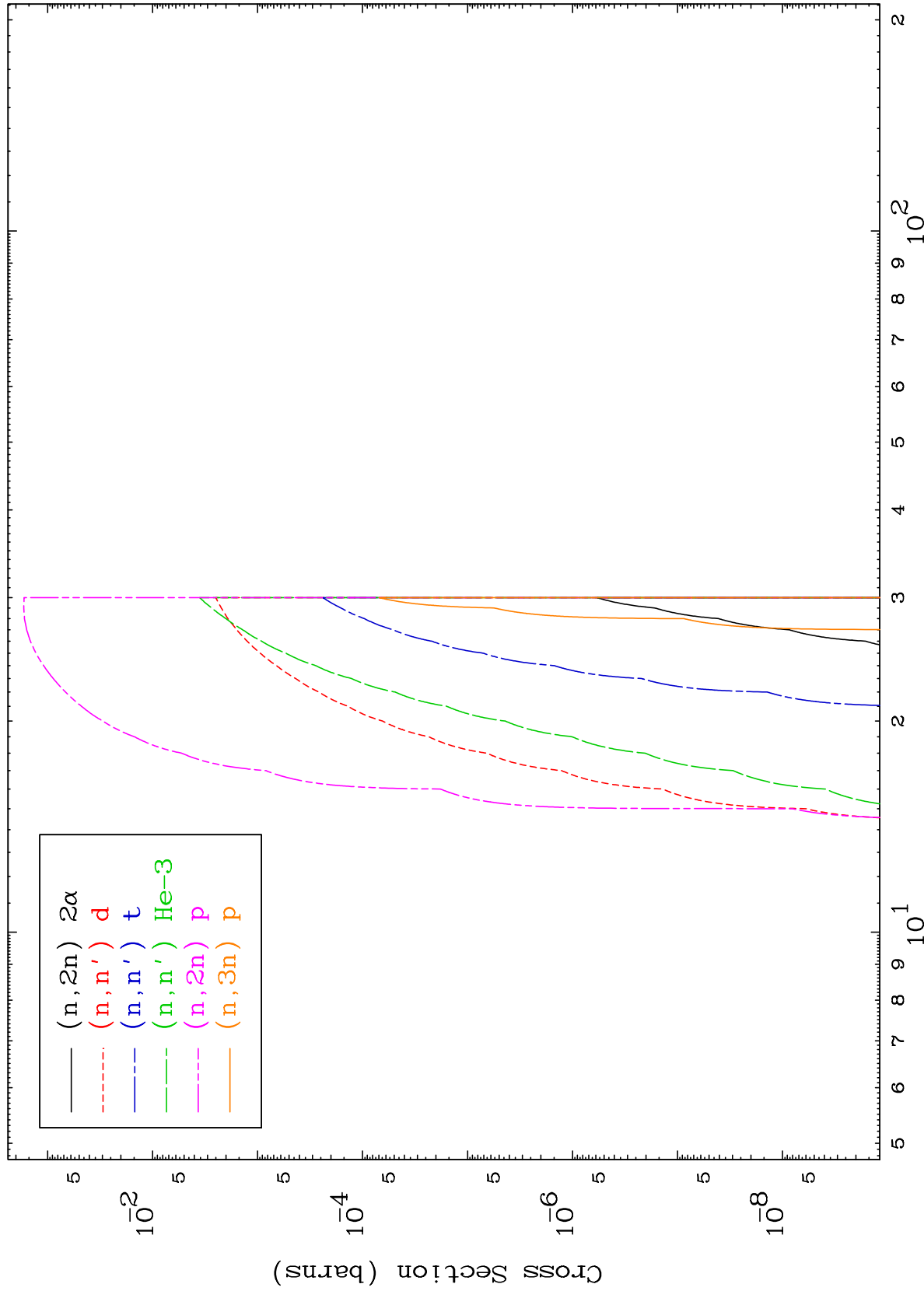


MAT 6198

Neutron Production
293 Kelvin Cross Sections

62-Sm-135

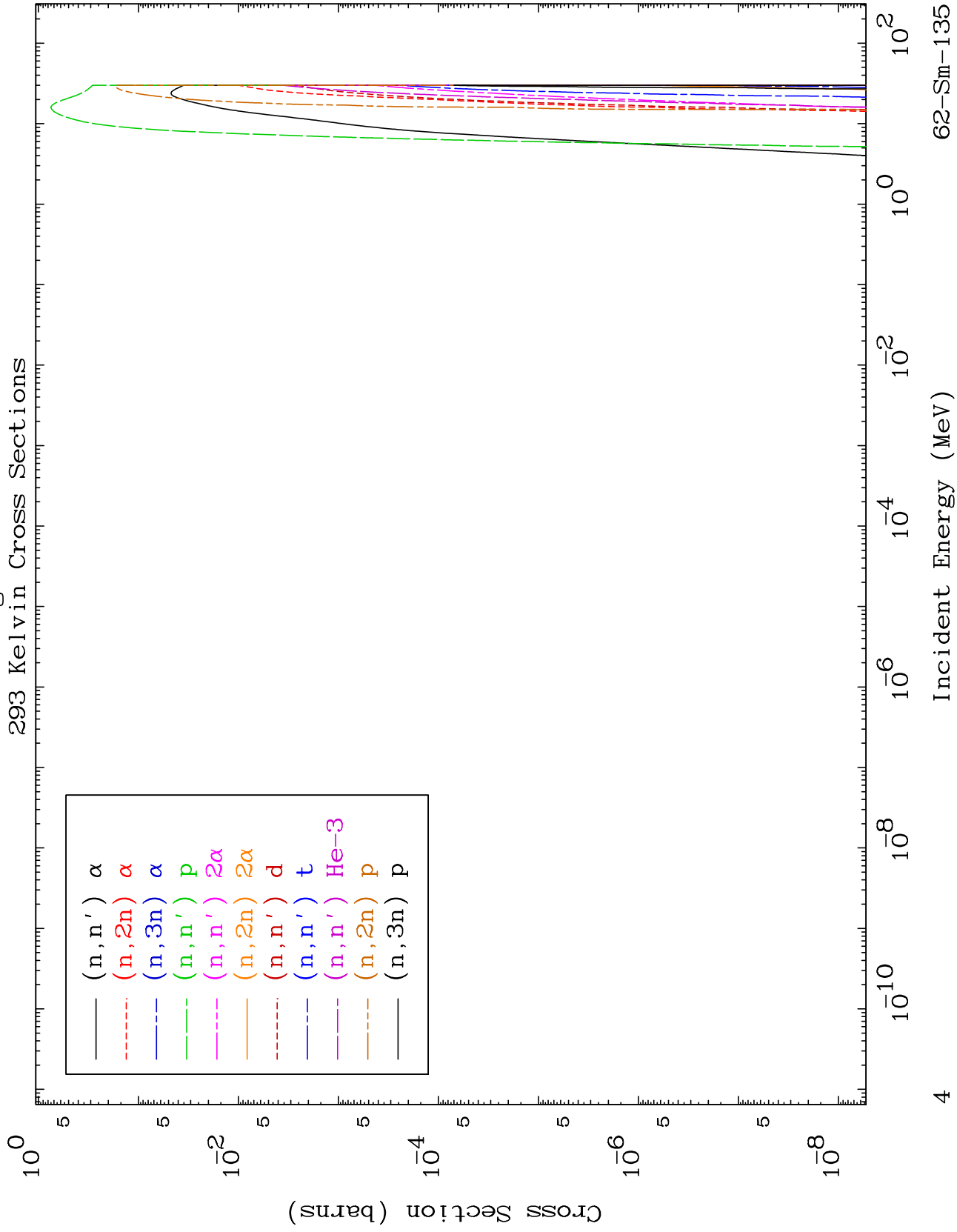


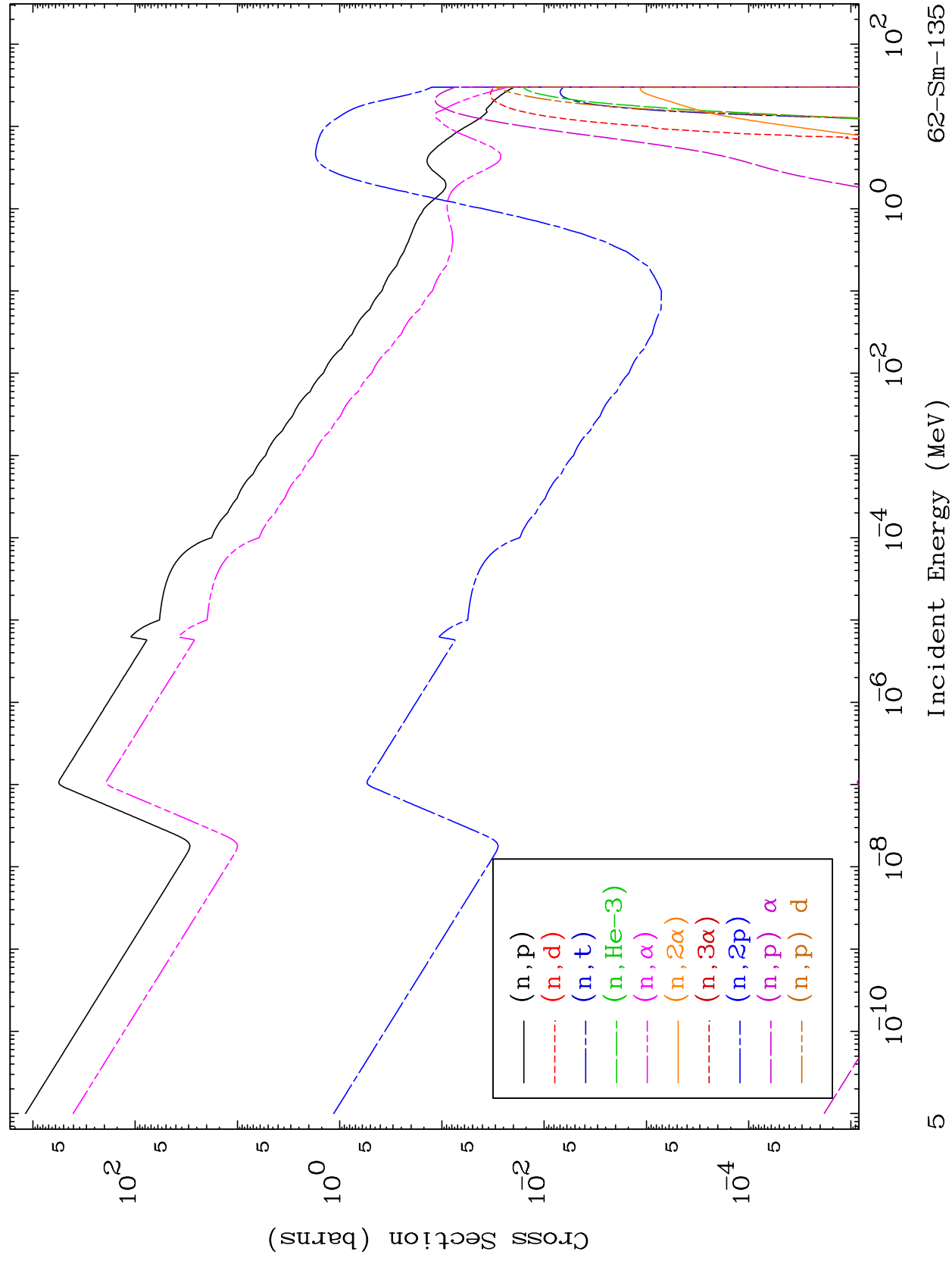


MAT 6198

Charged Particle
293 Kelvin Cross Sections

62-Sm-135

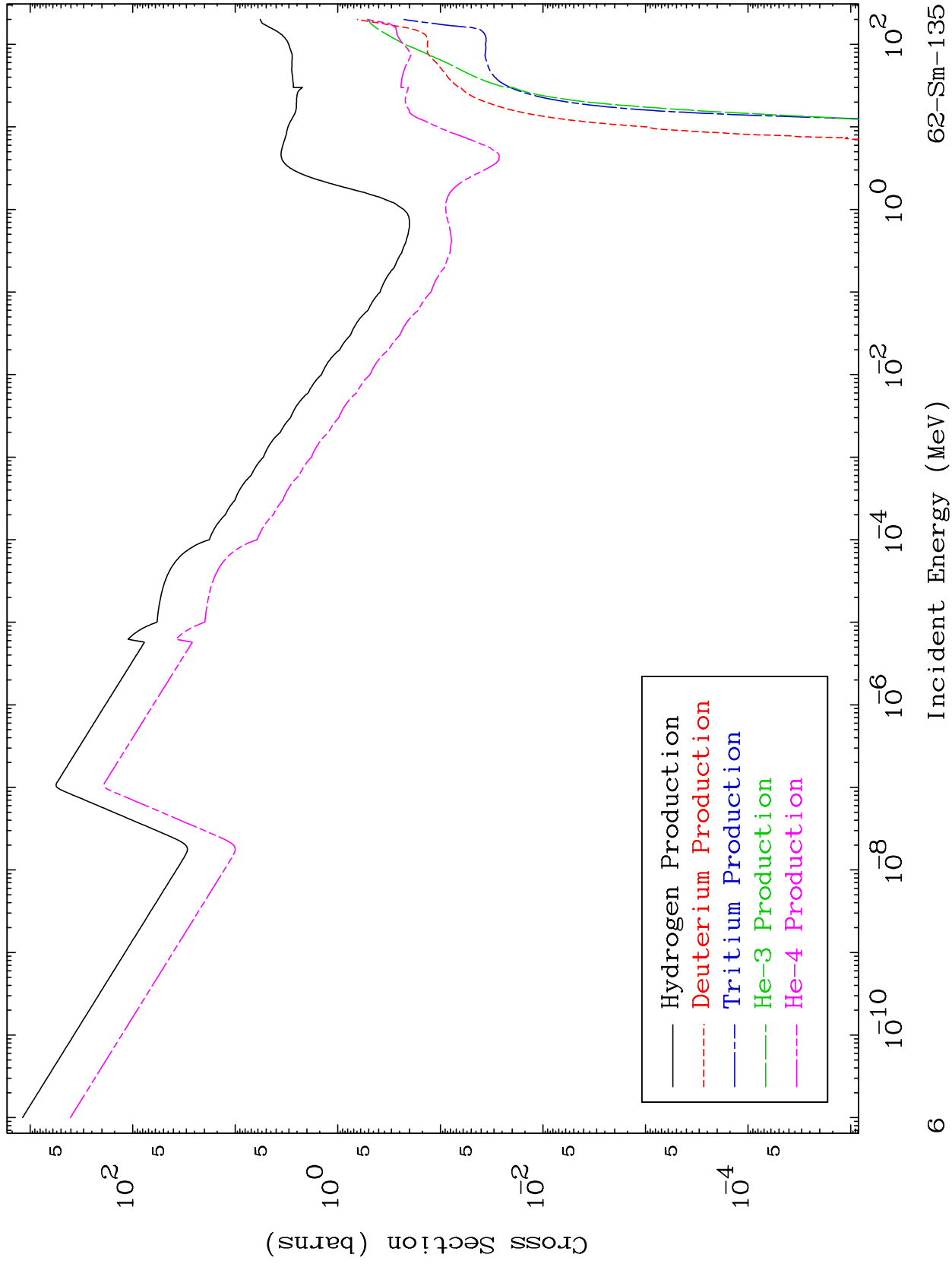




MAT 6198

Particle Production
293 Kelvin Cross Sections

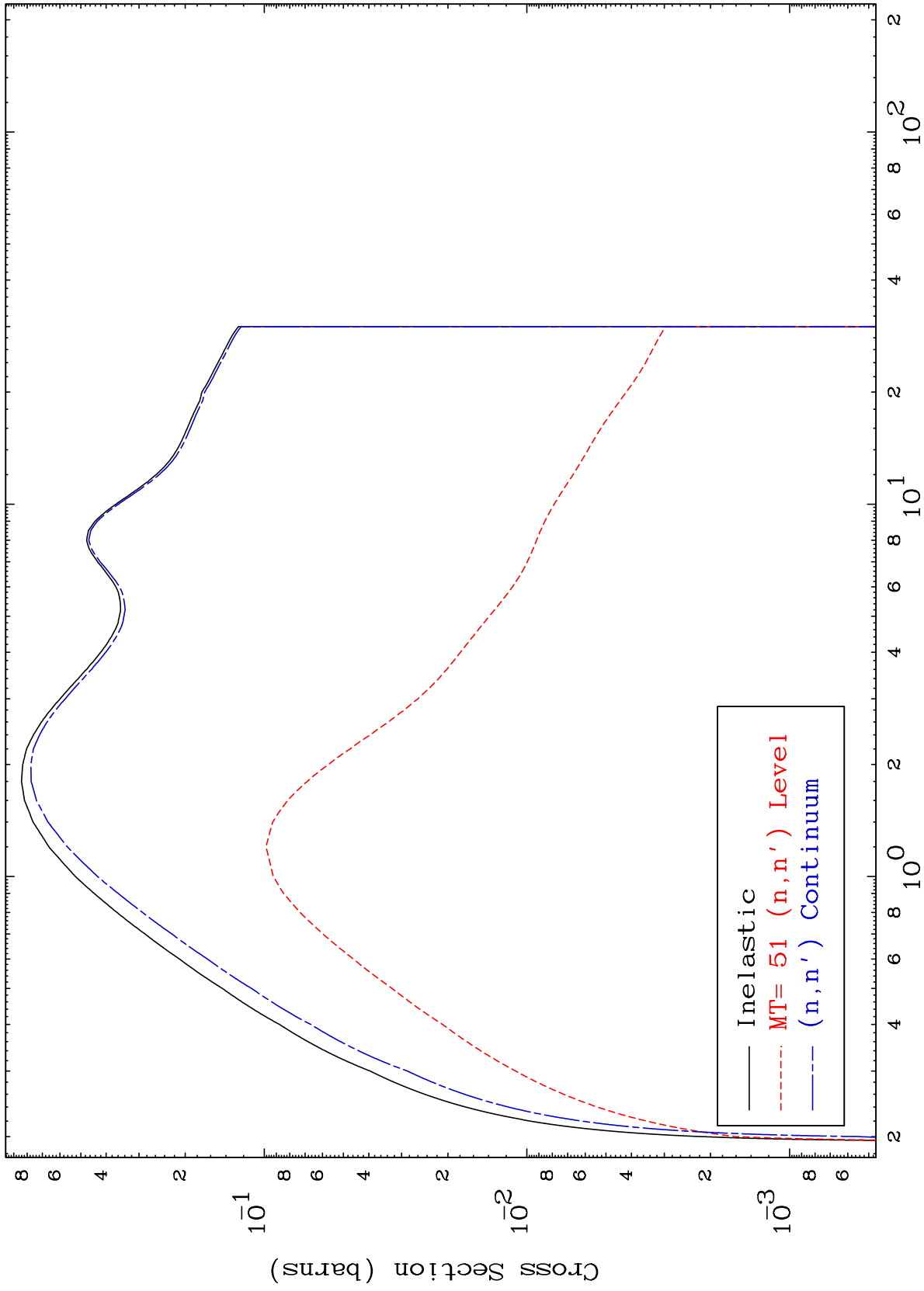
62-Sm-135



MAT 6198

(n,n') Level
293 Kelvin Cross Sections

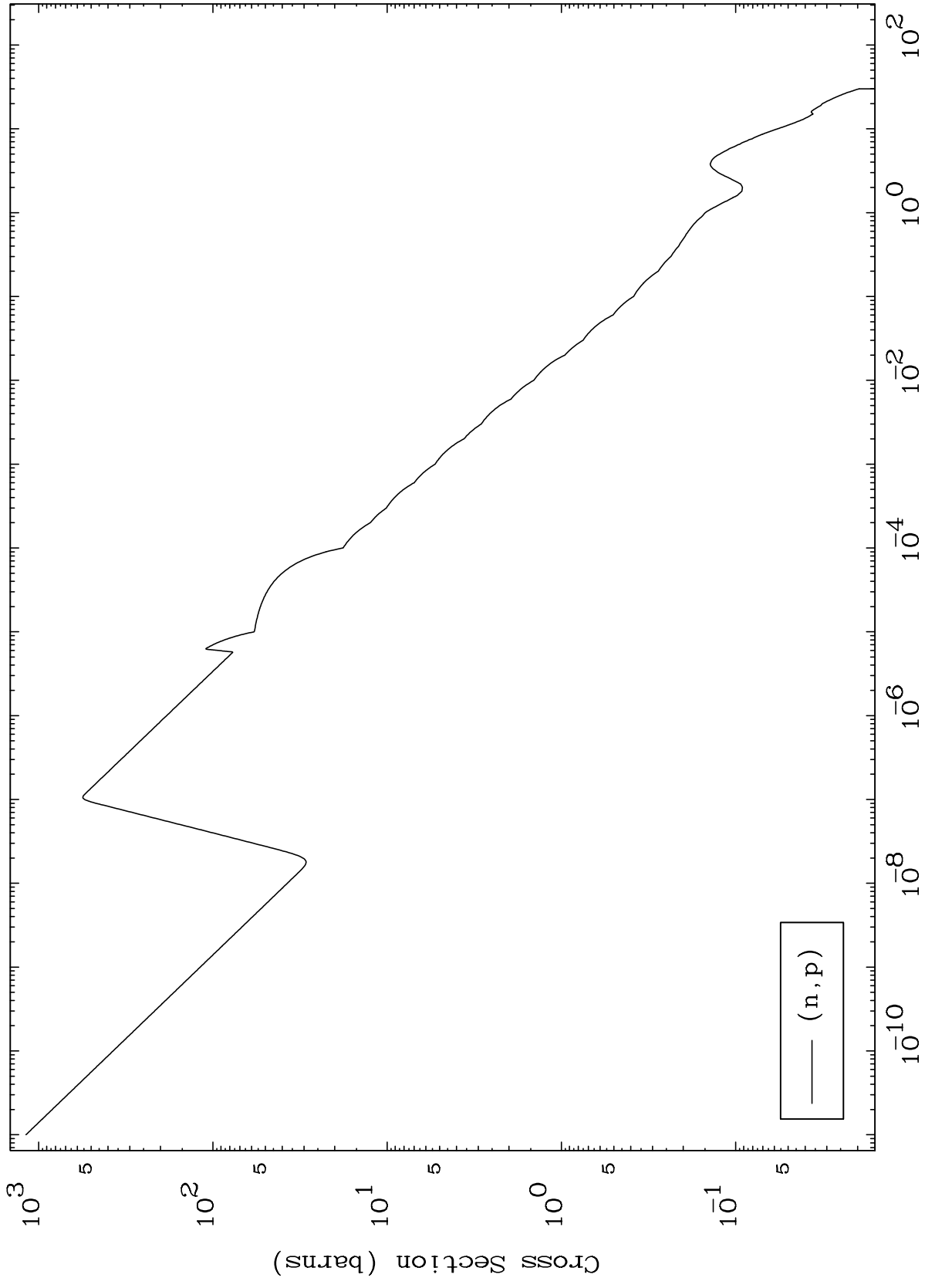
62-Sm-135



MAT 6198

(n,p) Levels
293 Kelvin Cross Sections

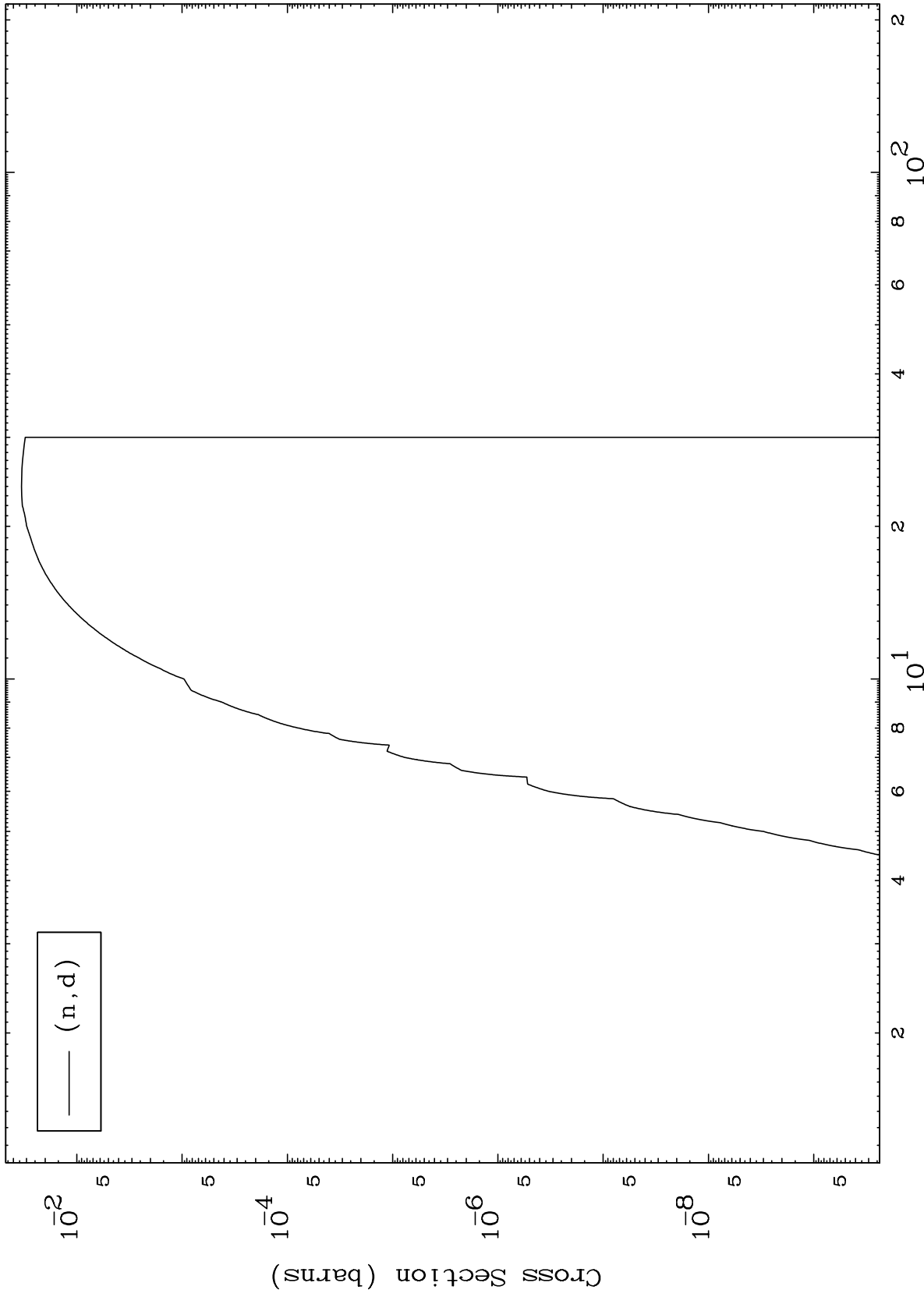
62-Sm-135



MAT 6198

(n,d) Levels
293 Kelvin Cross Sections

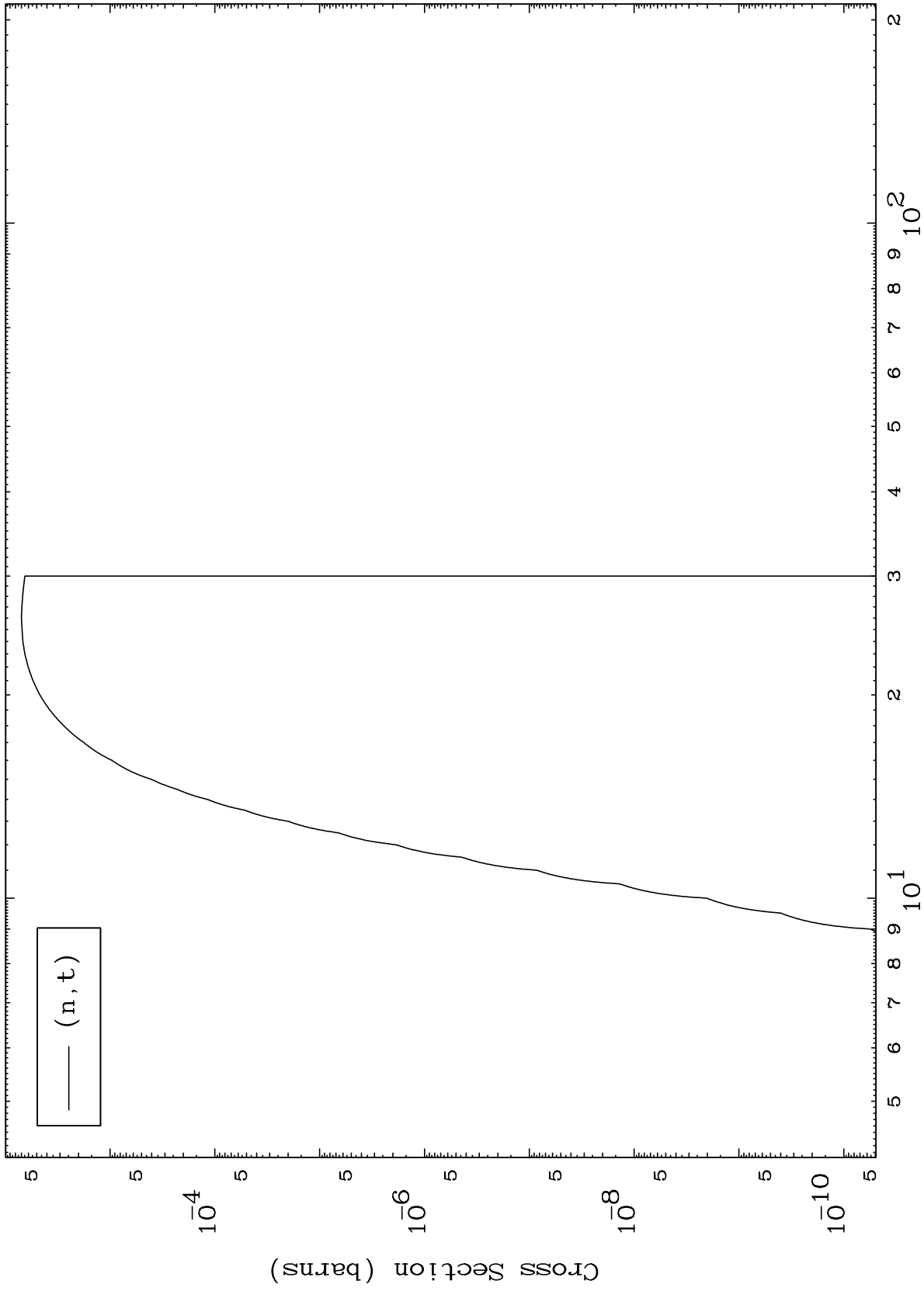
62-Sm-135



MAT 6198

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-135



10

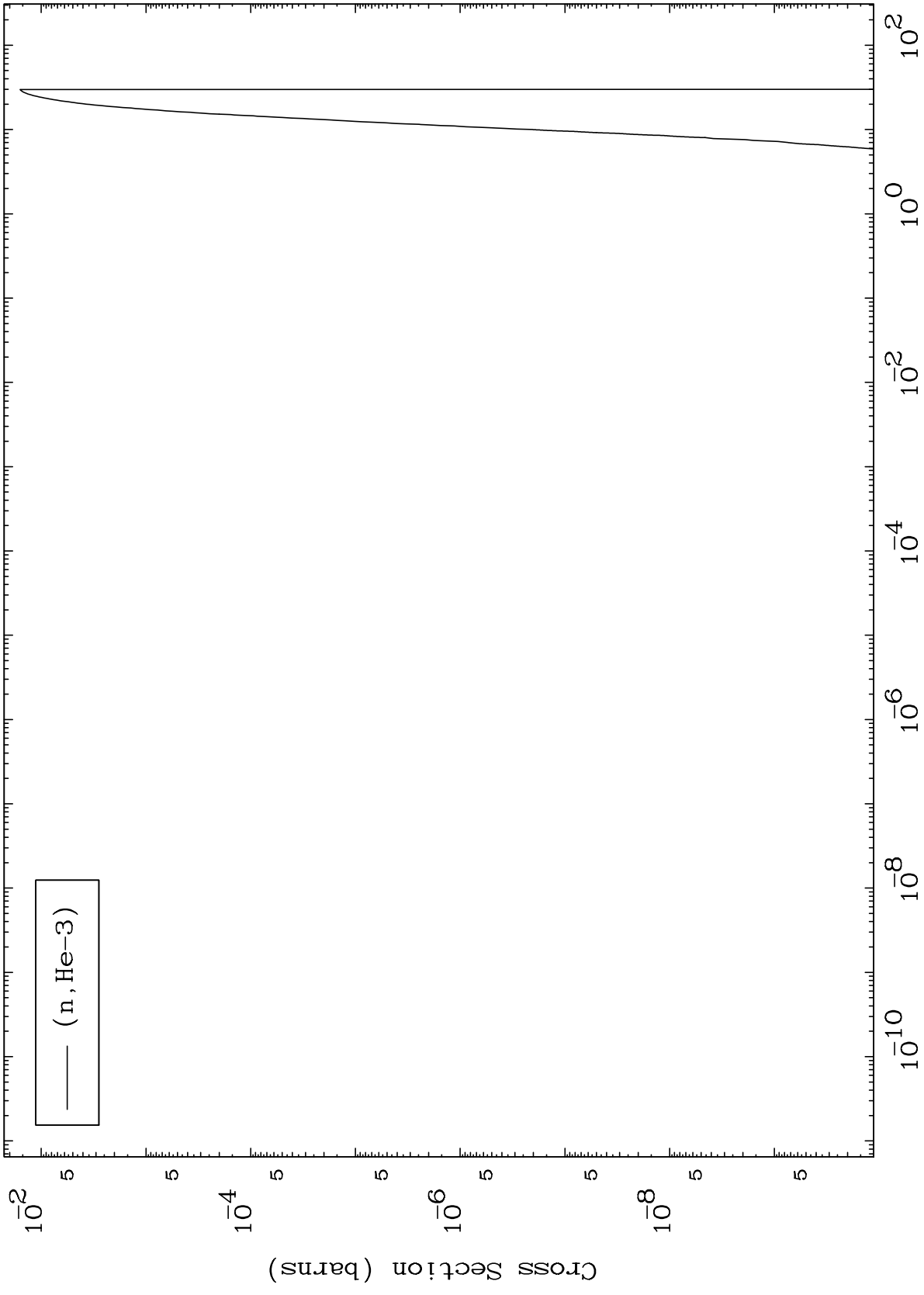
Incident Energy (MeV)

62-Sm-135

MAT 6198

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-135



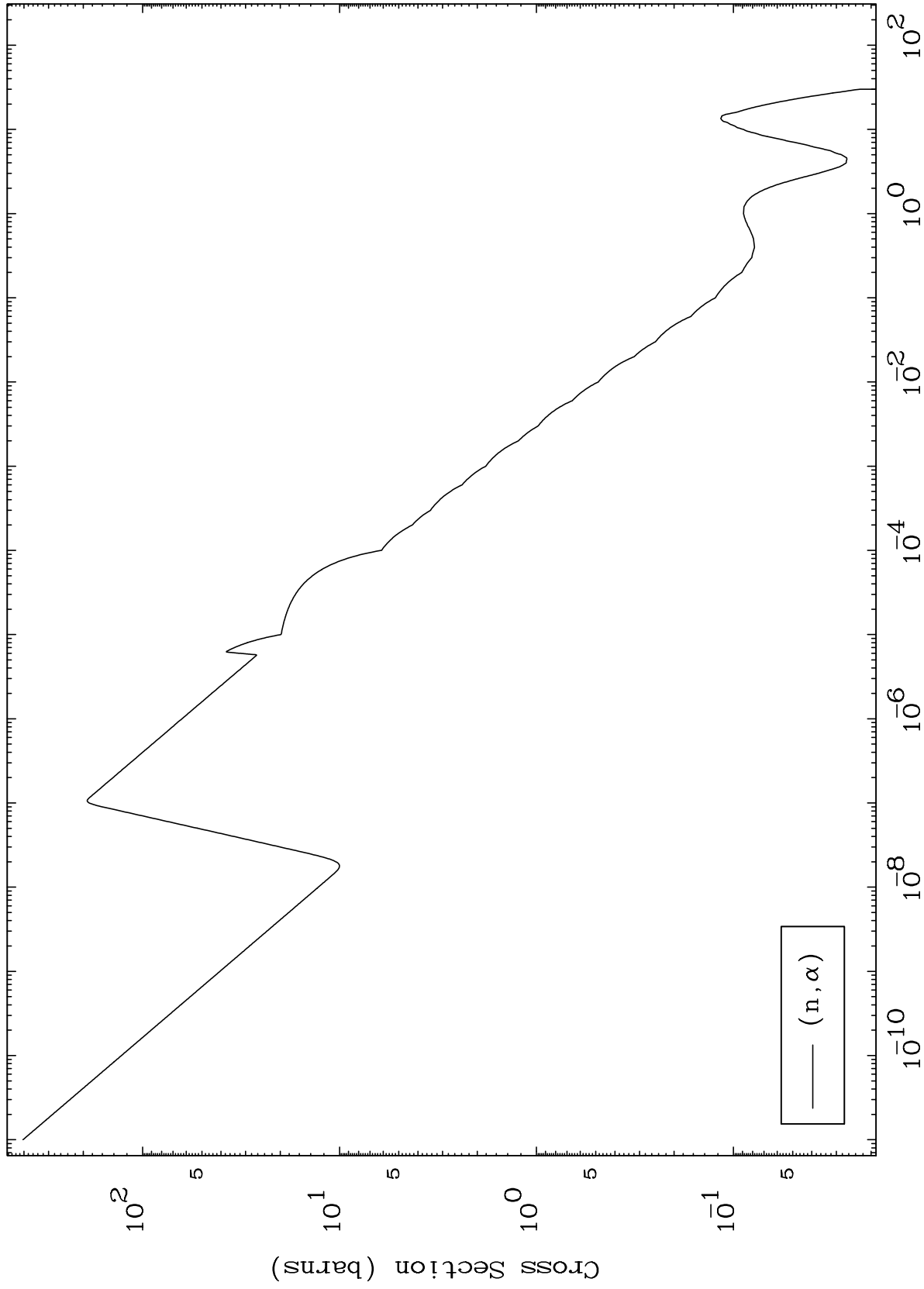
— (n, He-3)

62-Sm-135

MAT 6198

(n,α) Levels
293 Kelvin Cross Sections

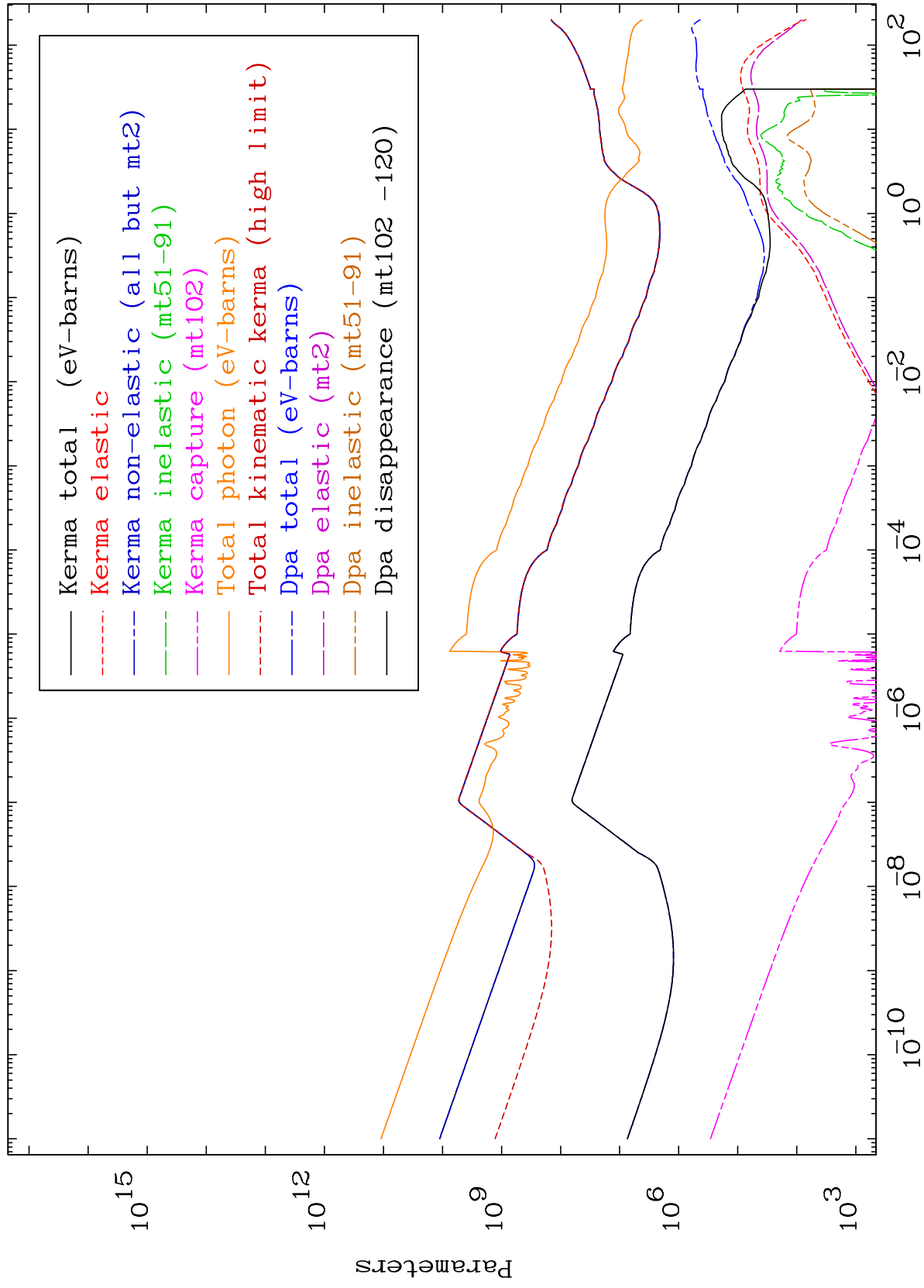
62-Sm-135



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Incident Energy (MeV)

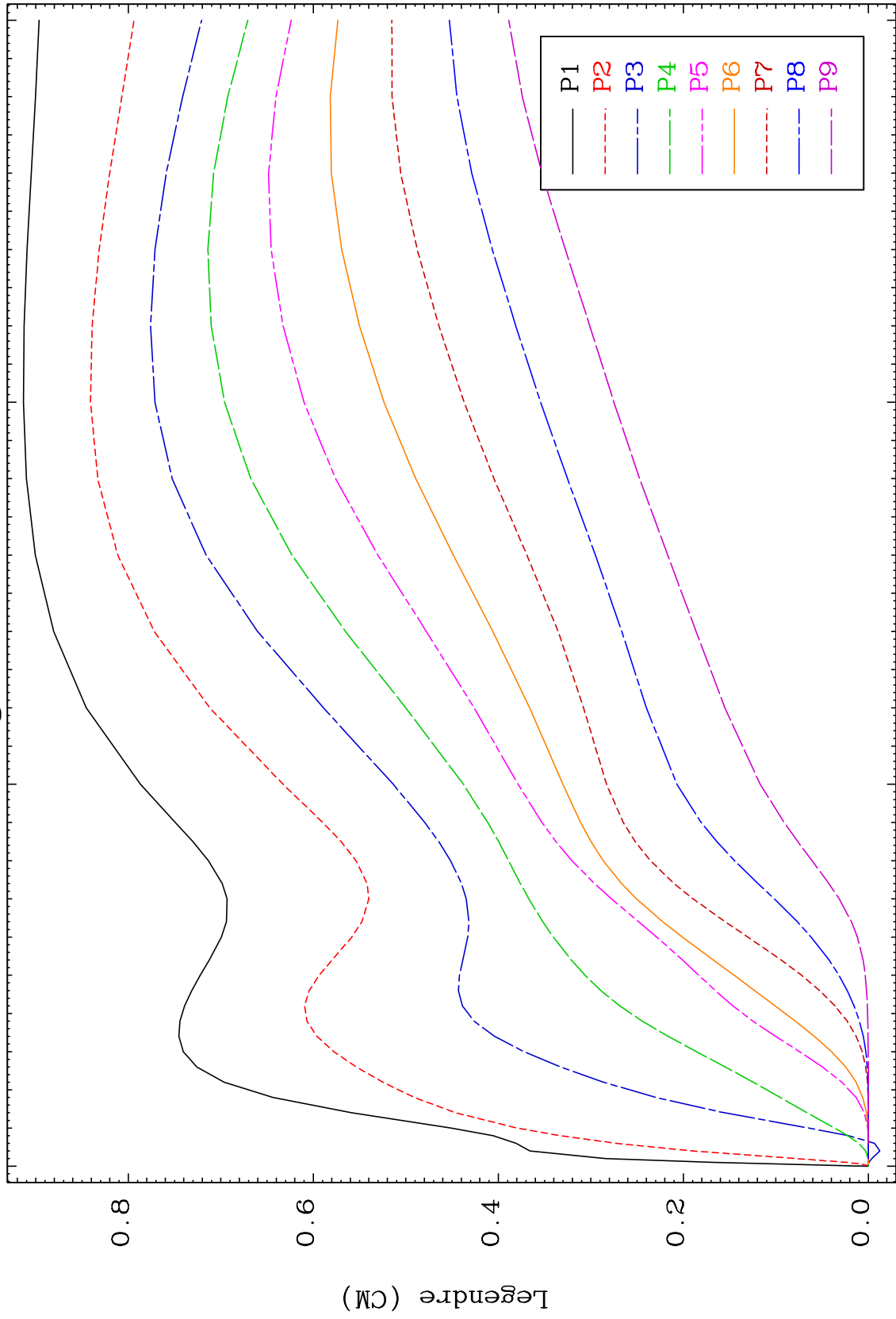
62-Sm-135



MAT 6198

Elastic Legendre Coefficients

62-Sm-135



14

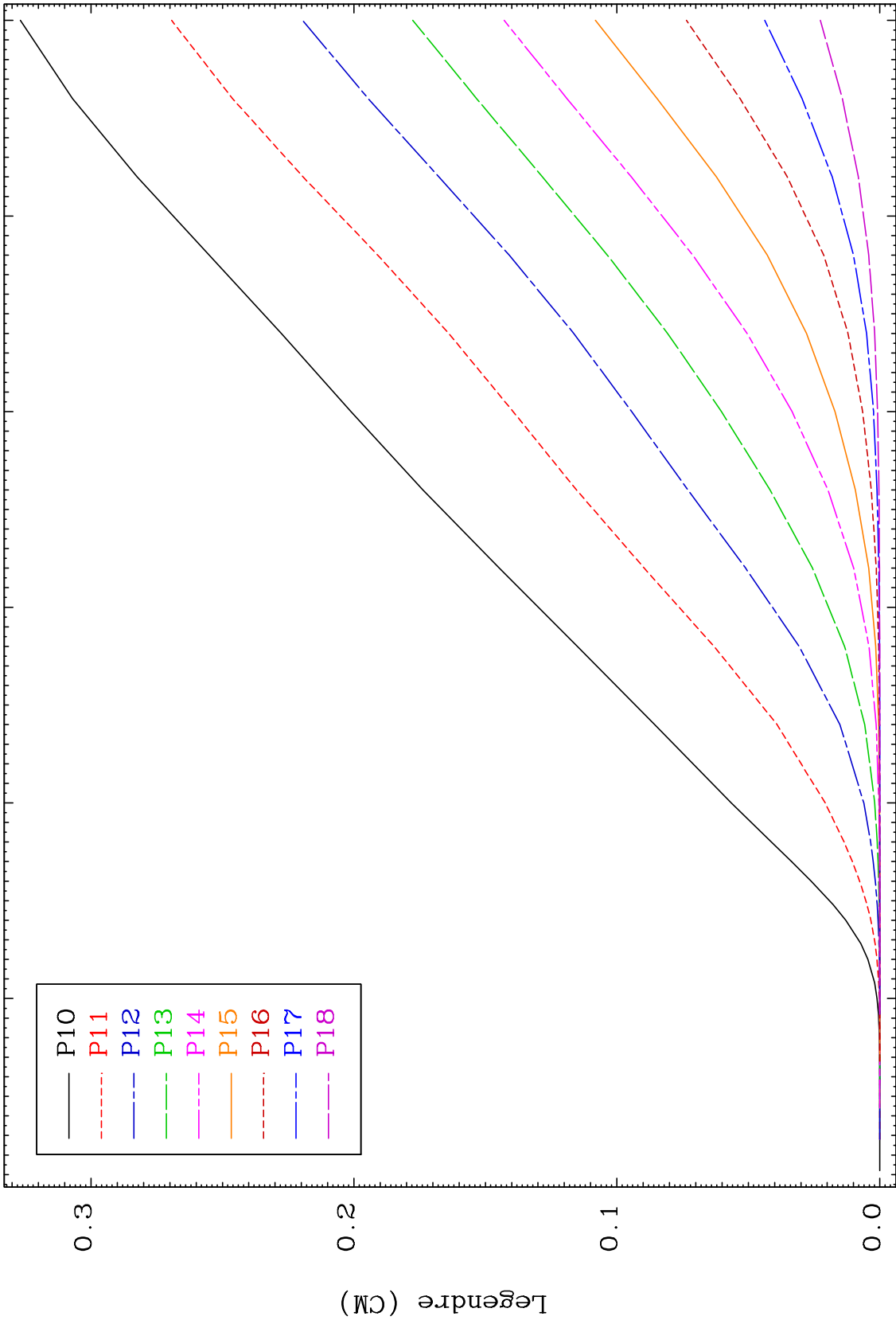
Incident Energy (MeV)

62-Sm-135

MAT 6198

Elastic Legendre Coefficients

62-Sm-135



15

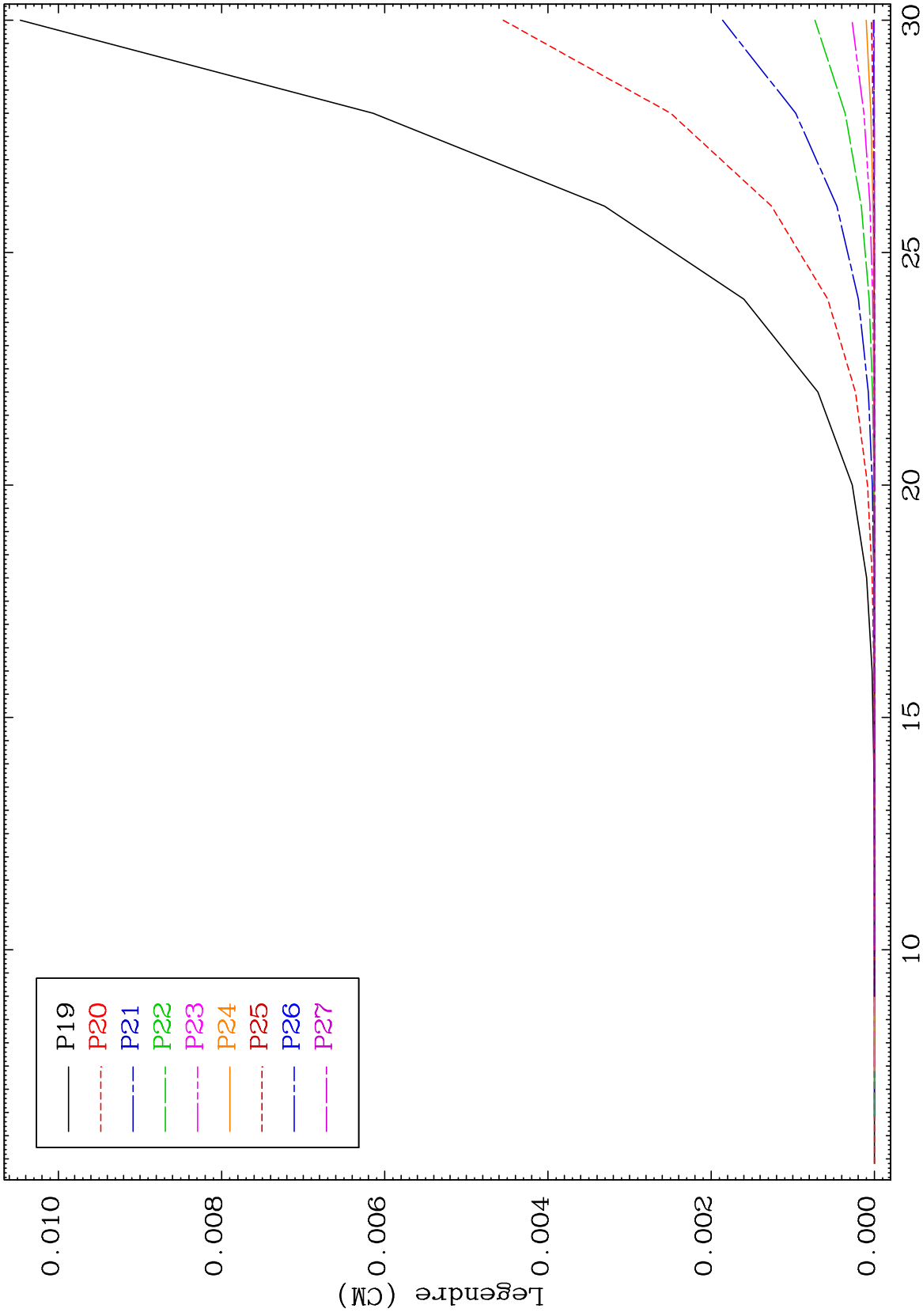
Incident Energy (MeV)

62-Sm-135

MAT 6198

Elastic Legendre Coefficients

62-Sm-135



16

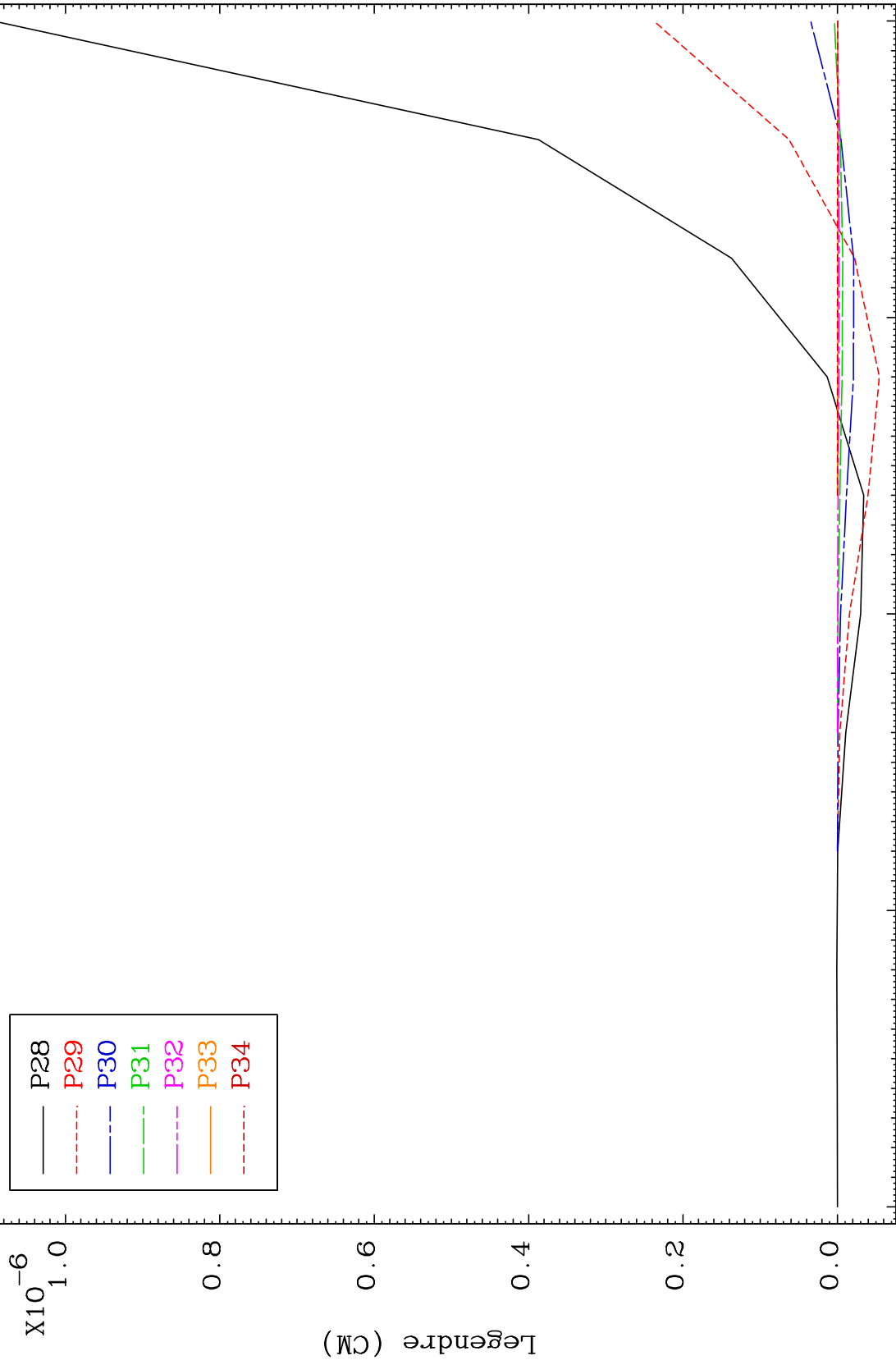
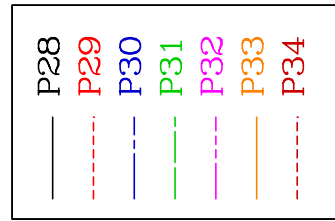
Incident Energy (MeV)

62-Sm-135

MAT 6198

Elastic Legendre Coefficients

62-Sm-135



17

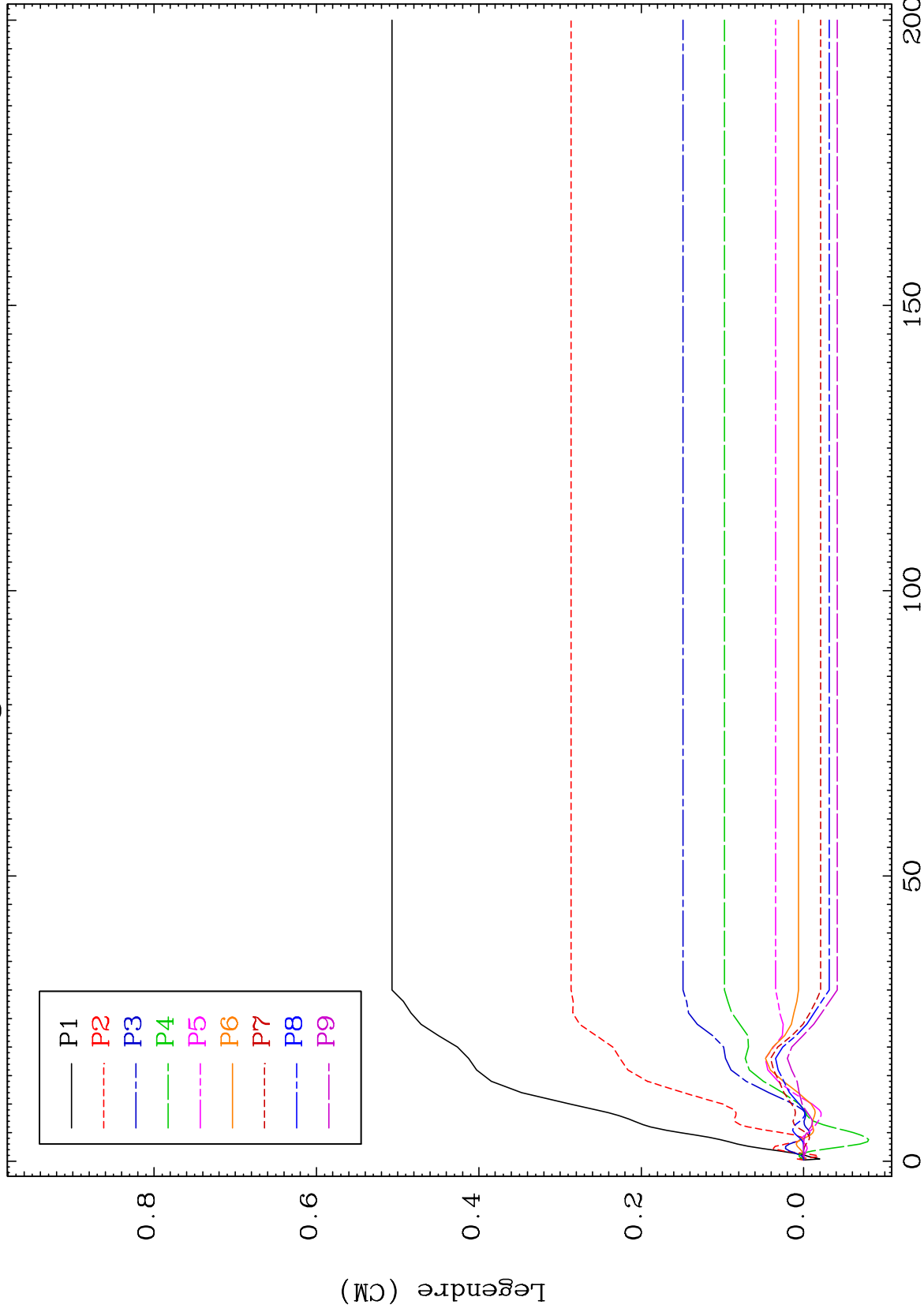
Incident Energy (MeV)

62-Sm-135

MAT 6198

MT= 51 (n,n') Level
Legendre Coefficients

62-Sm-135

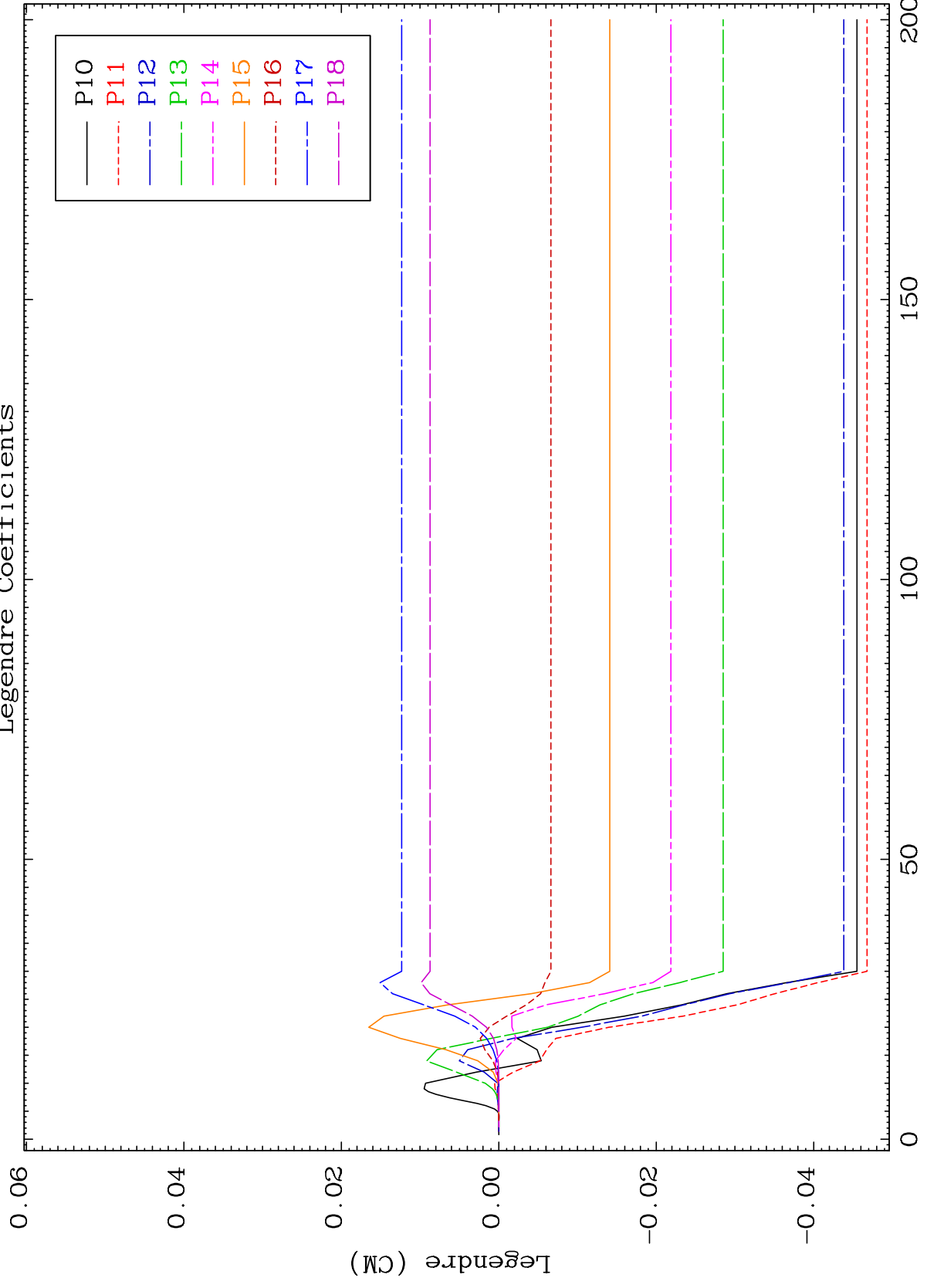


18

Incident Energy (MeV)

62-Sm-135

MAT 6198 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-135

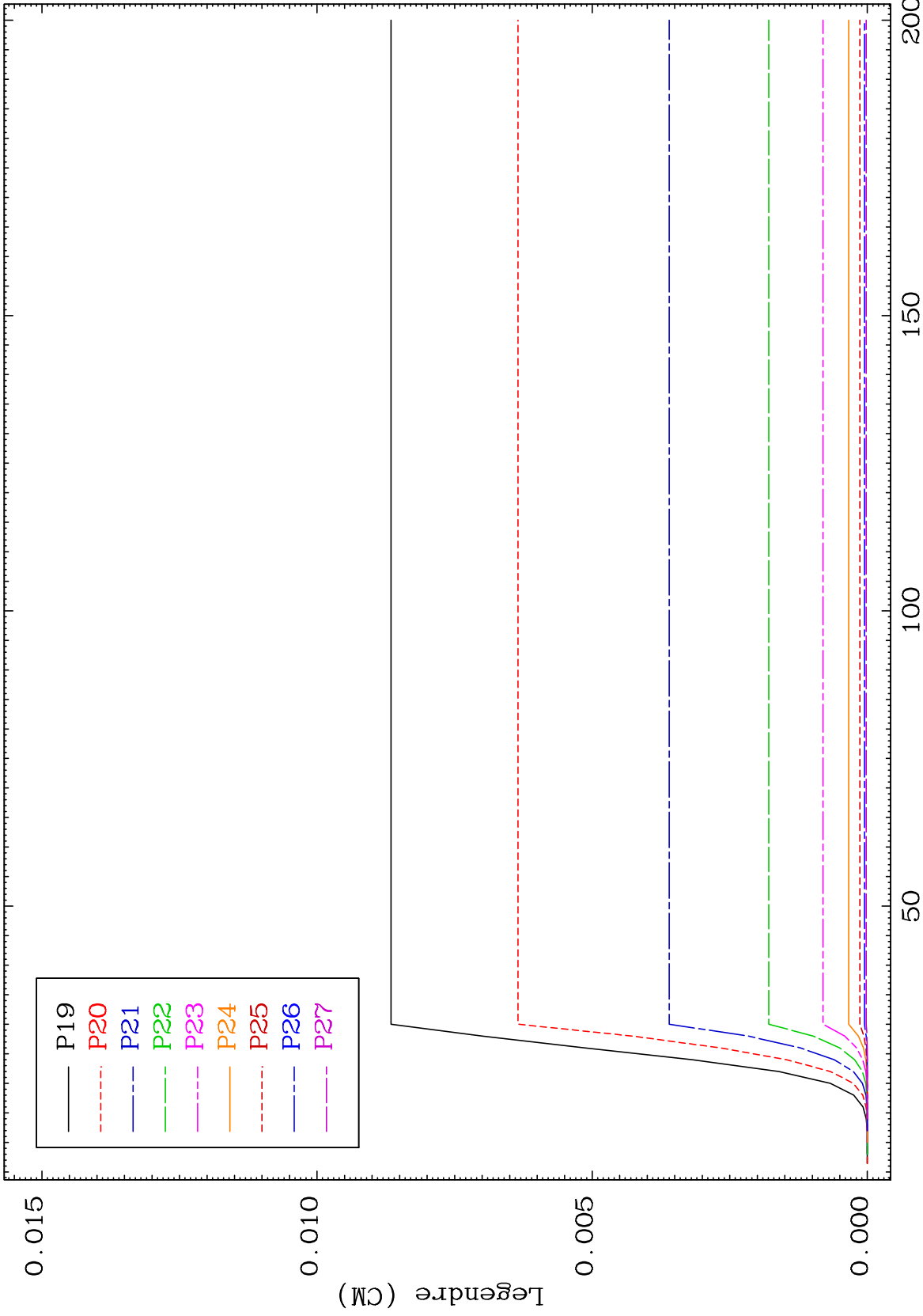


19 62-Sm-135

MAT 6198

MT= 51 (n,n') Level
Legendre Coefficients

62-Sm-135



20

50

100

150

200

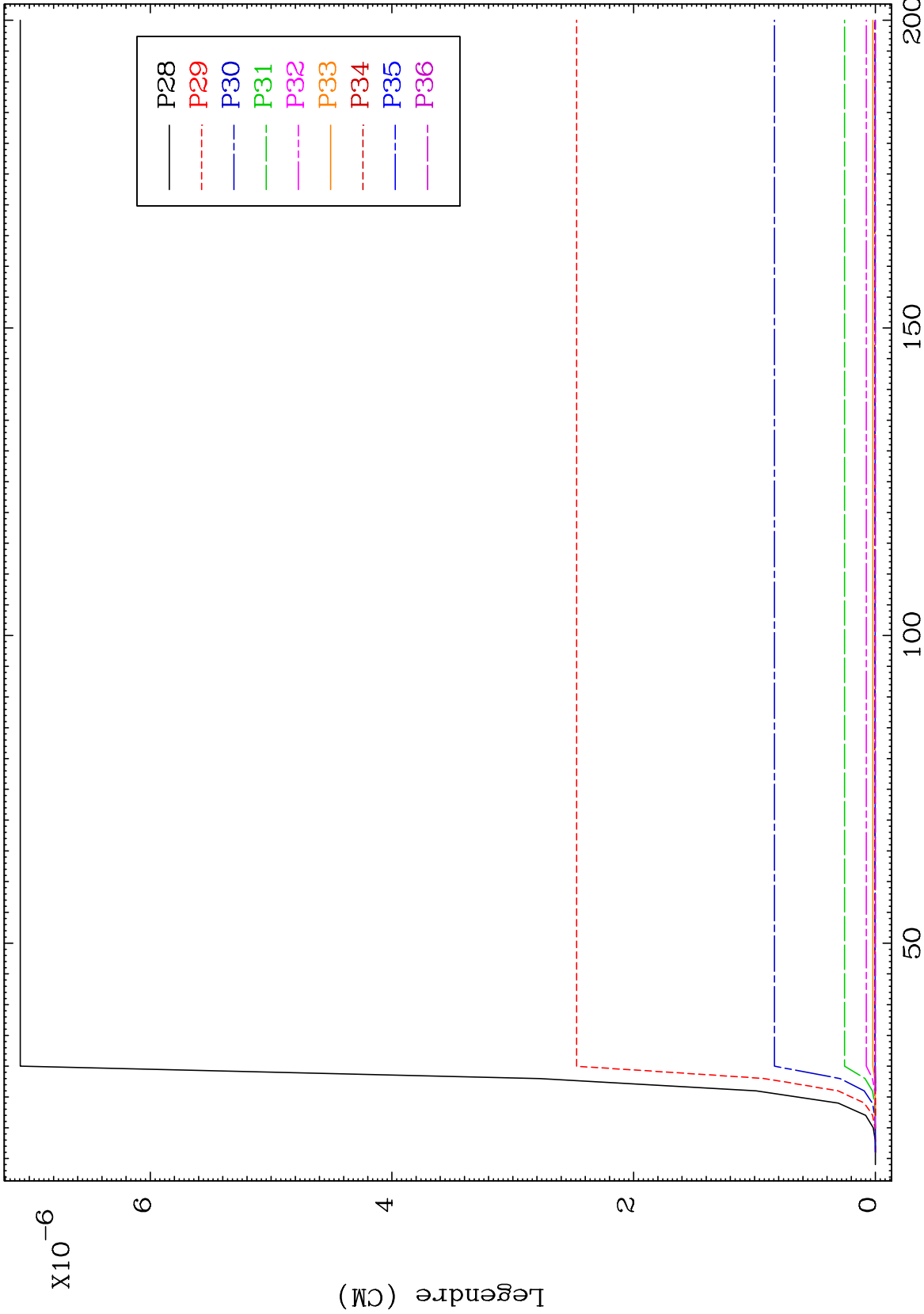
Incident Energy (MeV)

62-Sm-135

MAT 6198

MT= 51 (n,n') Level
Legendre Coefficients

62-Sm-135



21

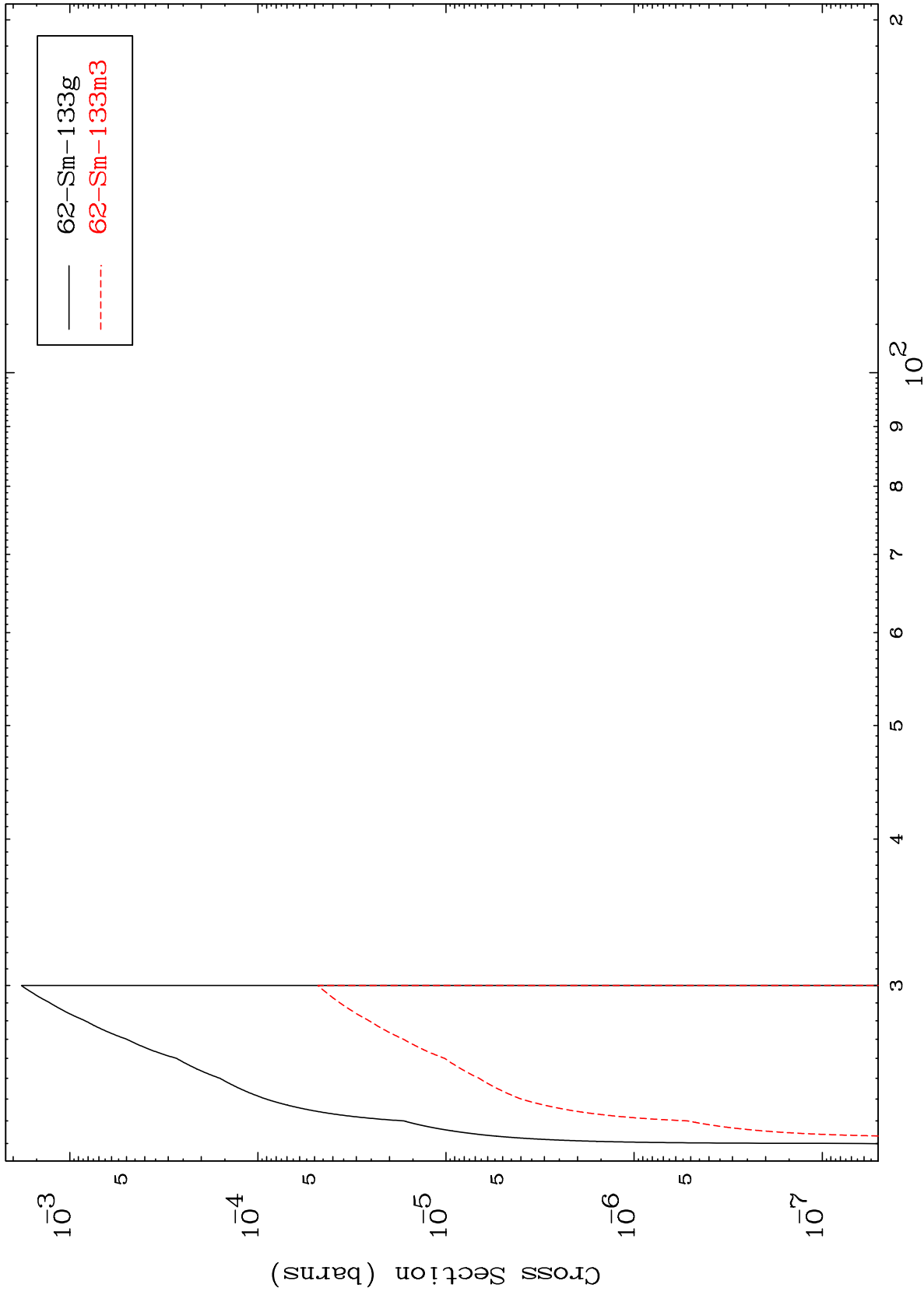
Incident Energy (MeV)

62-Sm-135

MAT 6198

62-Sm-135

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

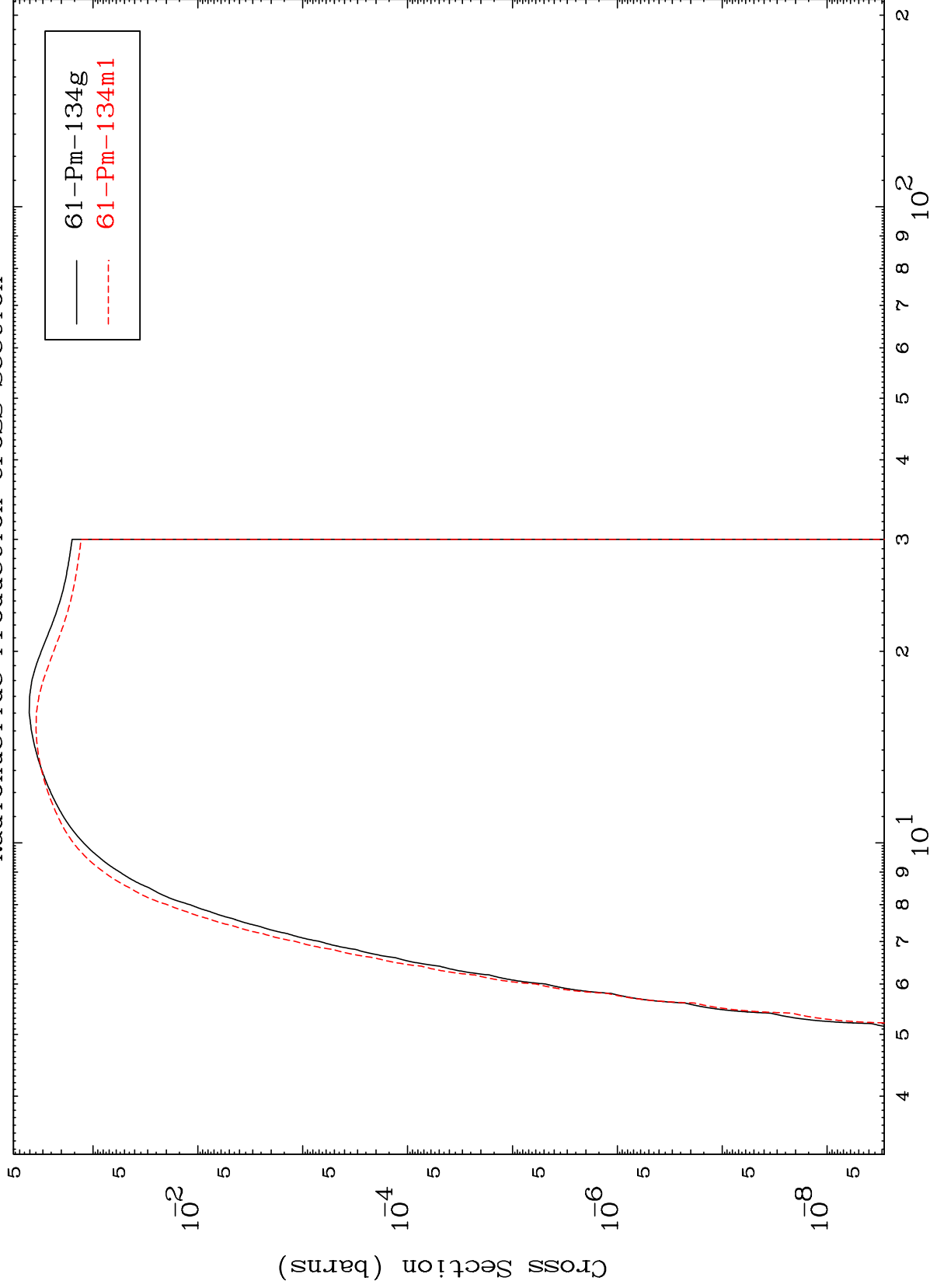
62-Sm-135

MAT 6198

(n,n') p

62-Sm-135

Radionuclide Production Cross Section



23

Incident Energy (MeV)

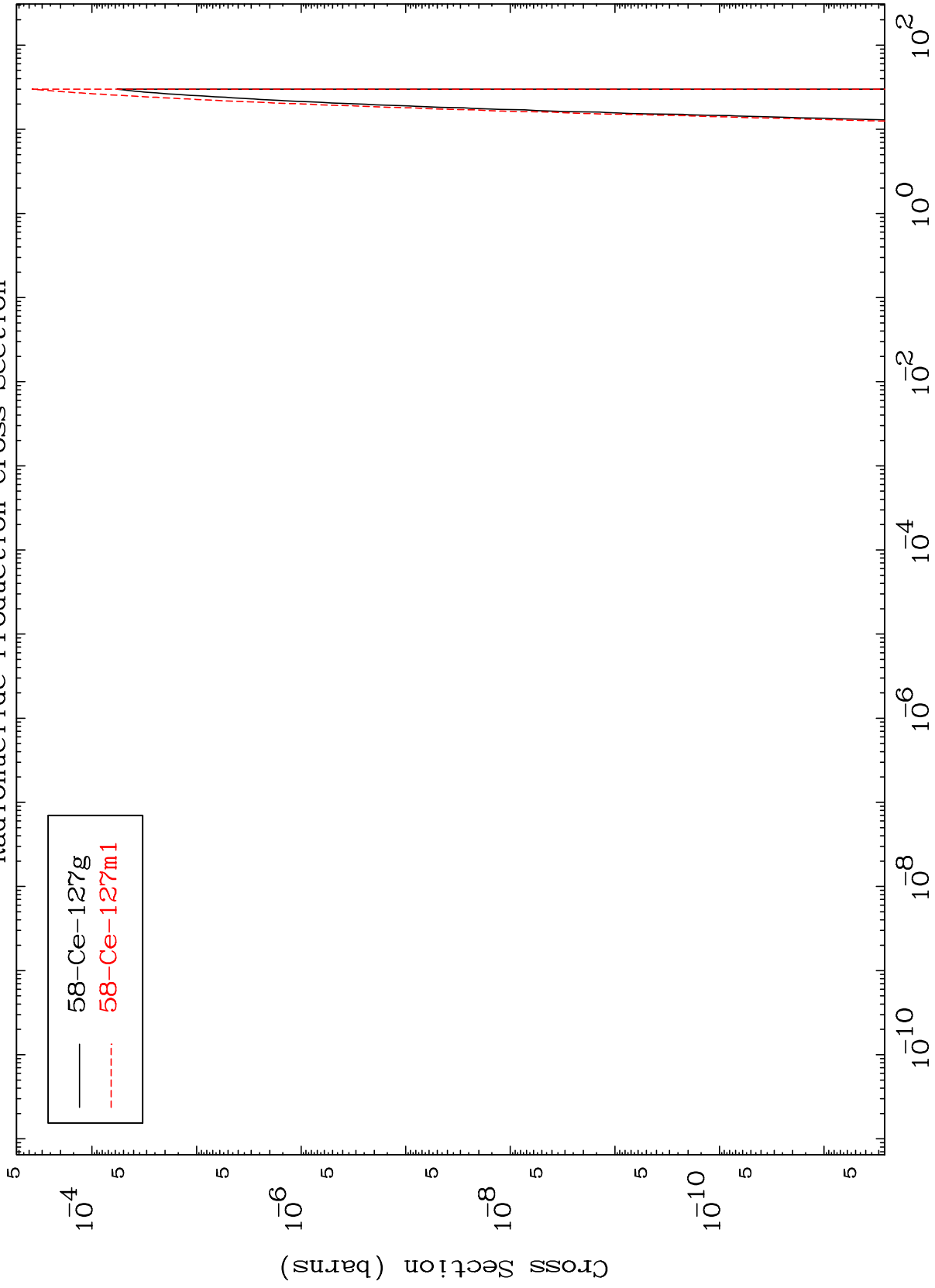
62-Sm-135

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(n,n') 2 α

62-Sm-135

Radionuclide Production Cross Section

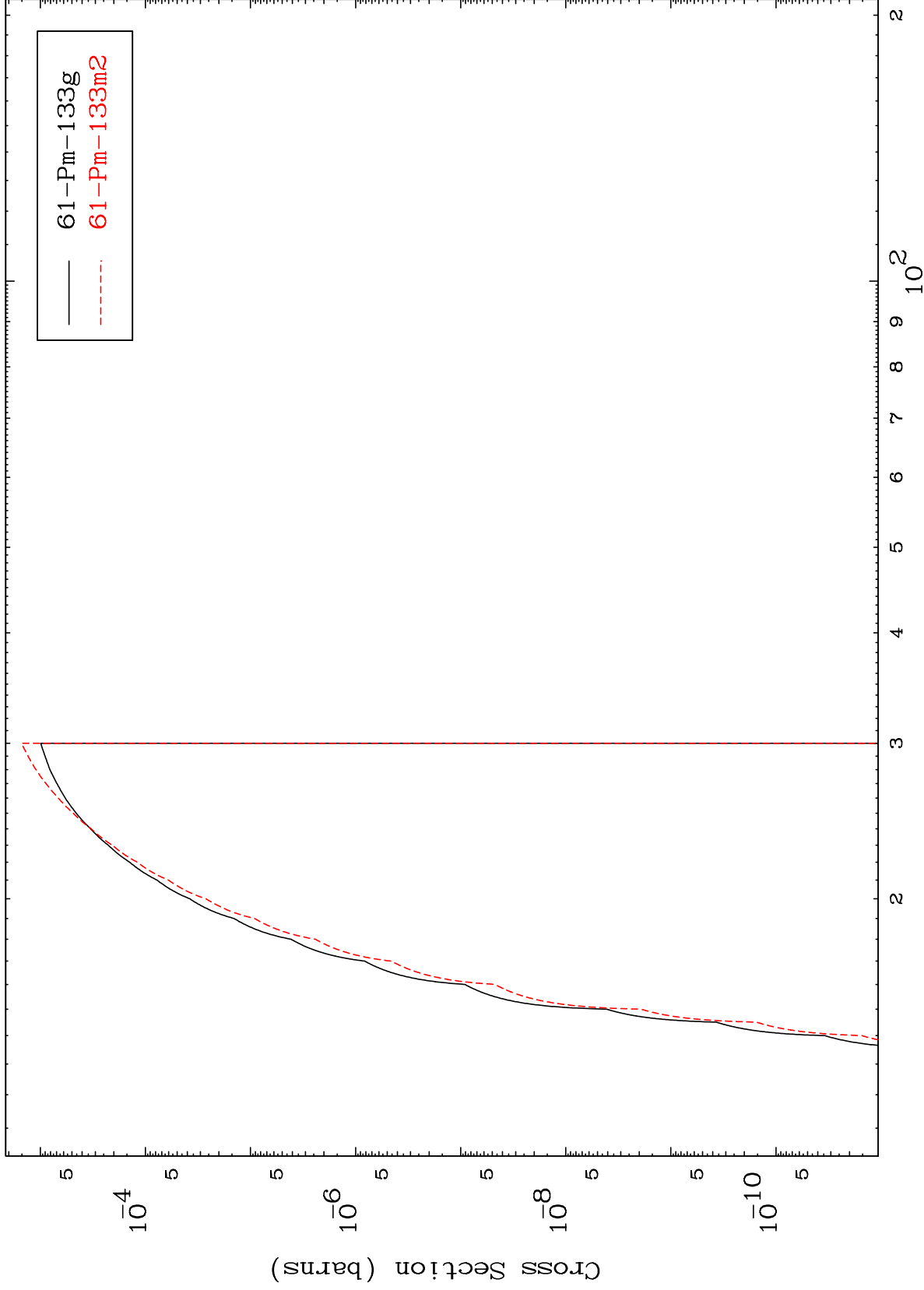


24

Incident Energy (MeV)

62-Sm-135

Radionuclide Production Cross Section

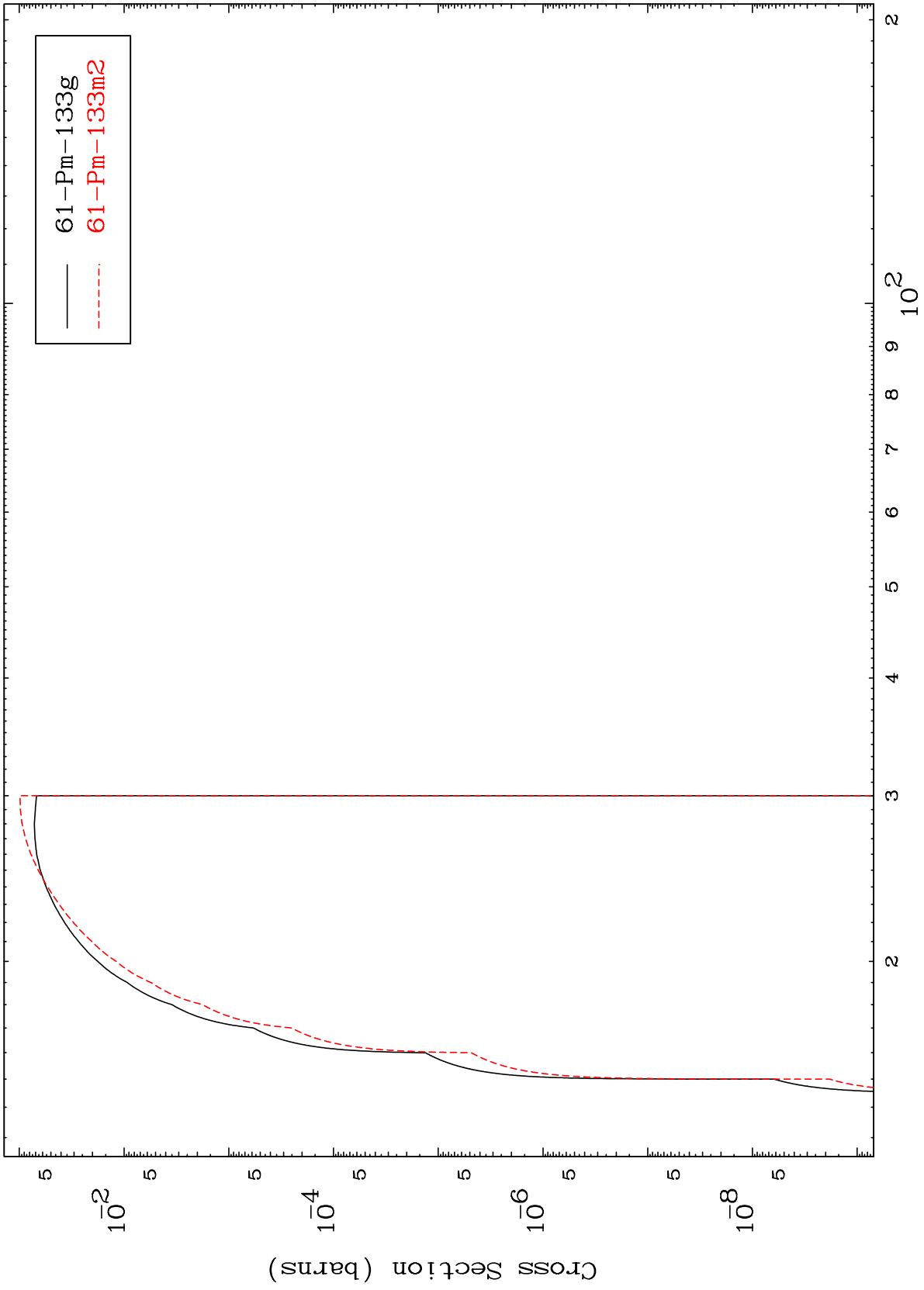


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(n,2n) p

⁶²Sm-135

Radionuclide Production Cross Section



26

Incident Energy (MeV)

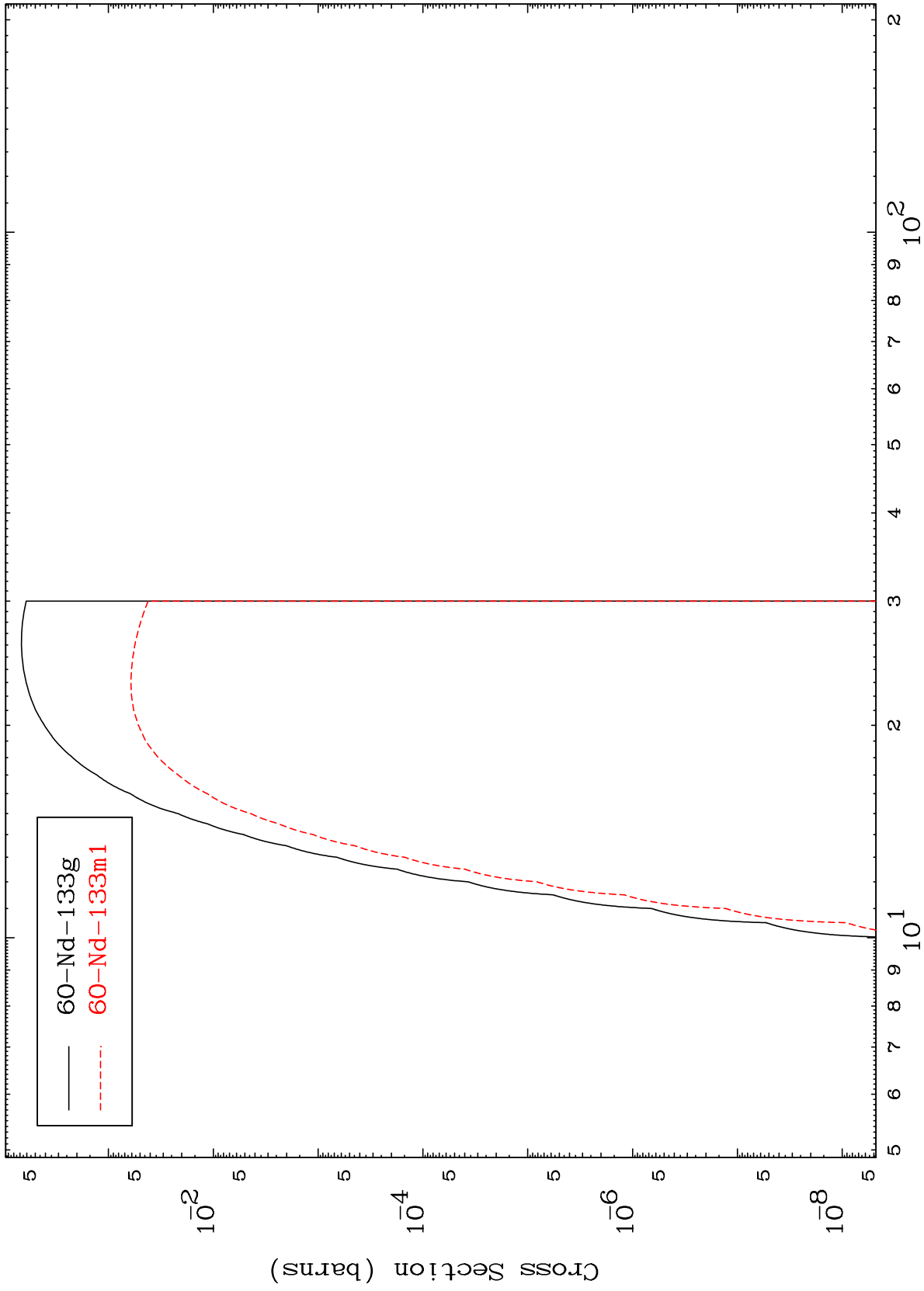
⁶²Sm-135

MAT 6198

(n,2n) p

62-Sm-135

Radionuclide Production Cross Section



27

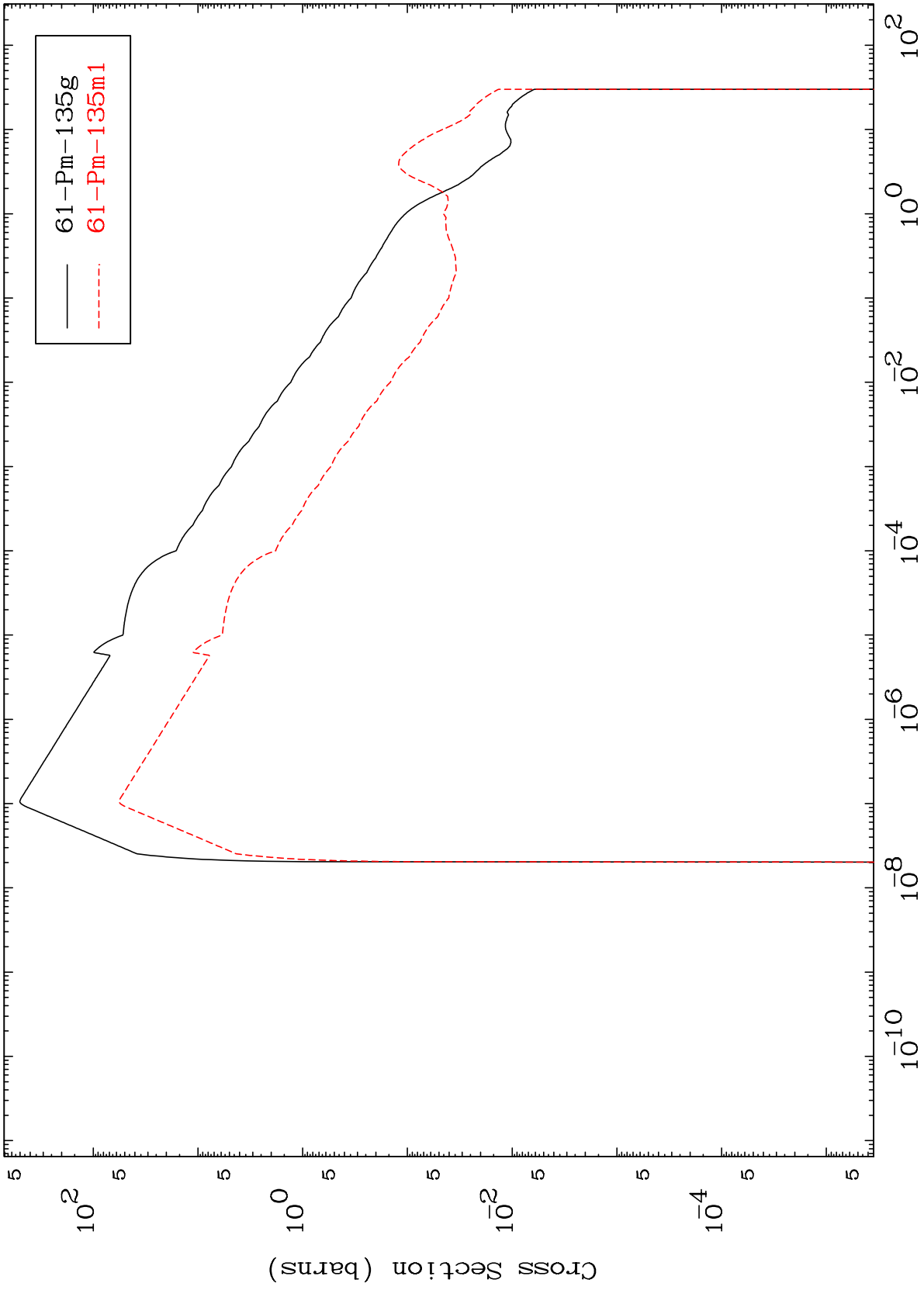
Incident Energy (MeV)

62-Sm-135

MAT 6198

62-Sm-135

(n,p)
Radionuclide Production Cross Section



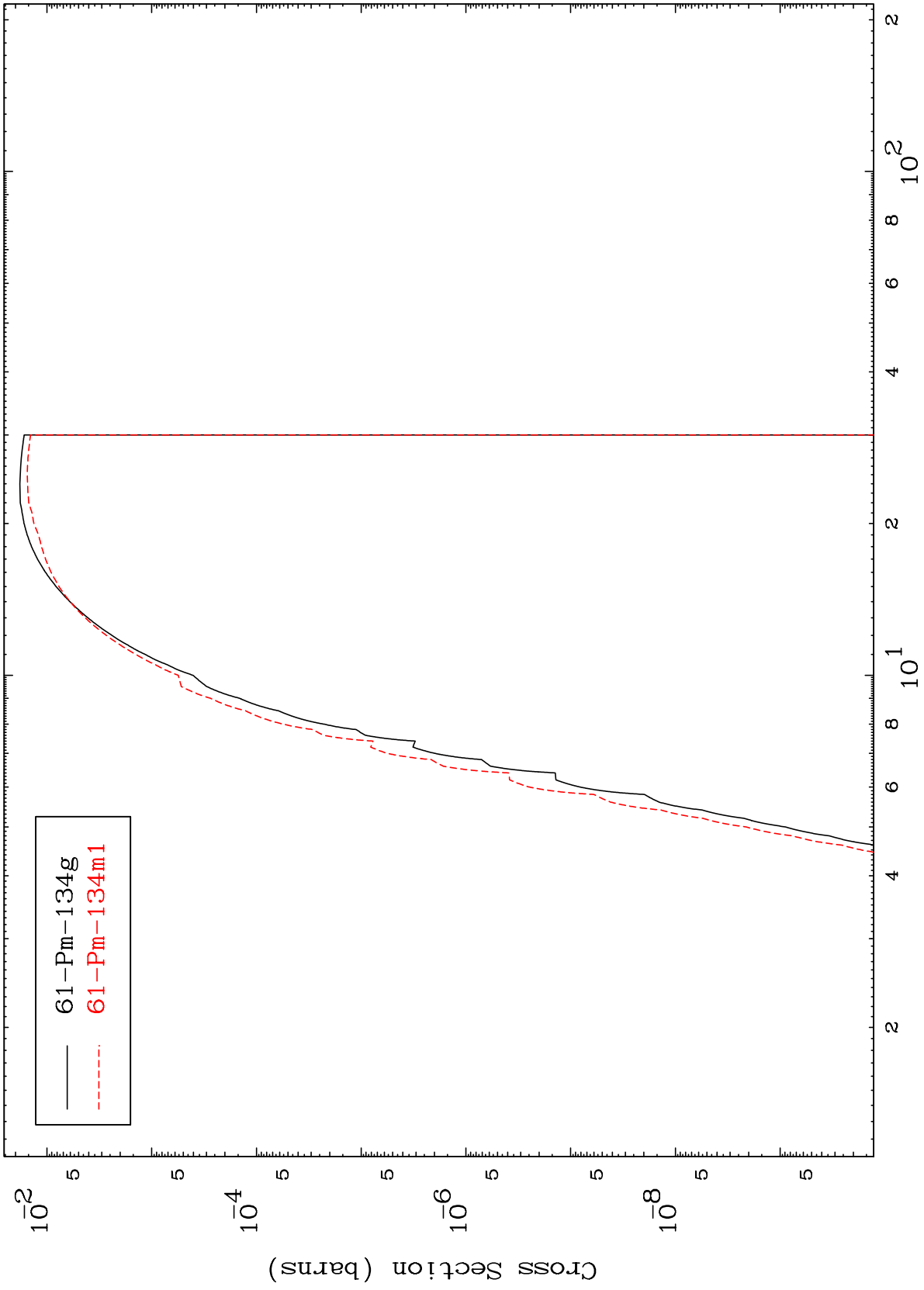
28

62-Sm-135

MAT 6198

62-Sm-135

(n,d)
Radionuclide Production Cross Section



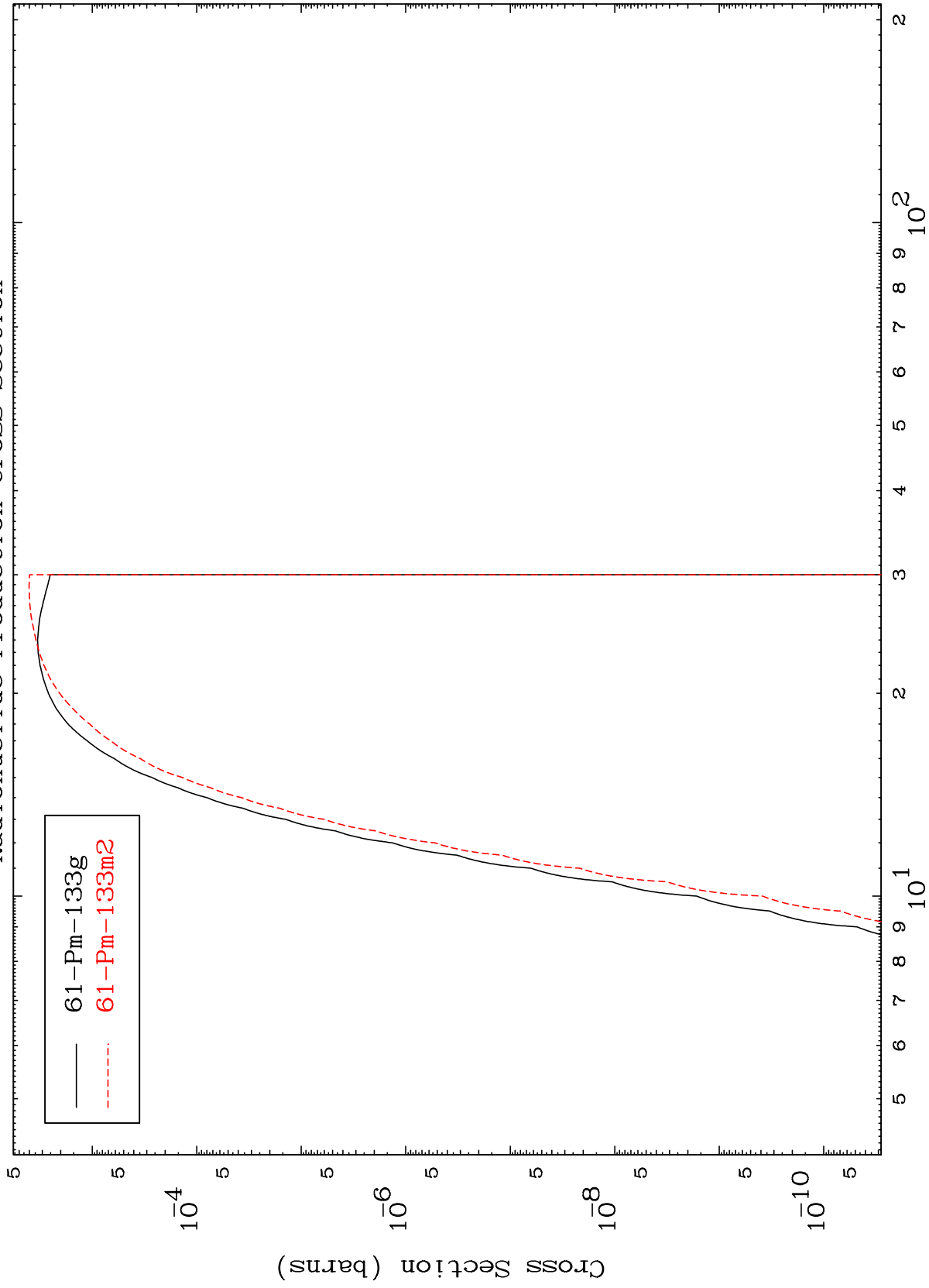
29

62-Sm-135

MAT 6198

62-Sm-135

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

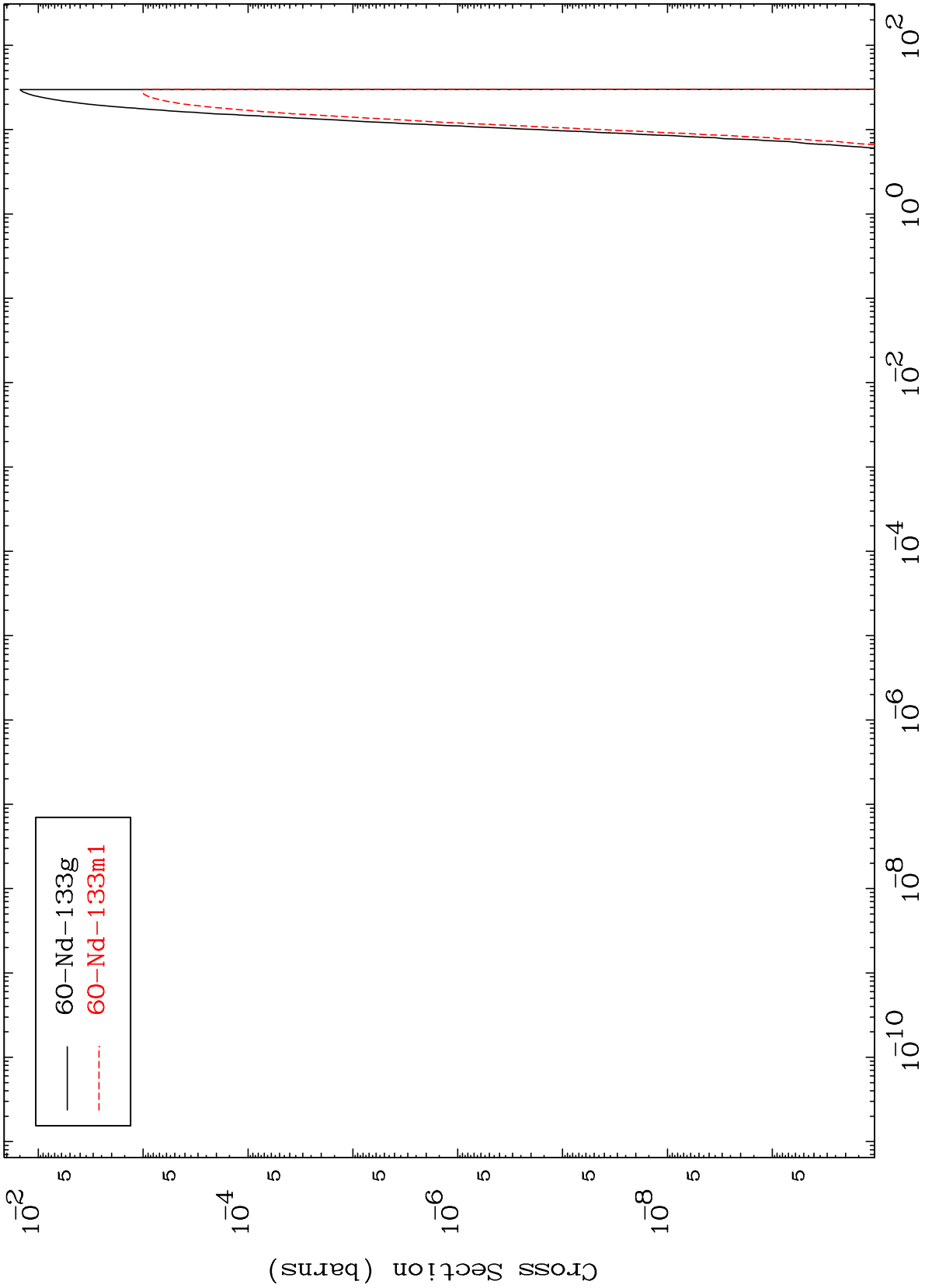
62-Sm-135

MAT 6198

(n, He-3)

62-Sm-135

Radionuclide Production Cross Section

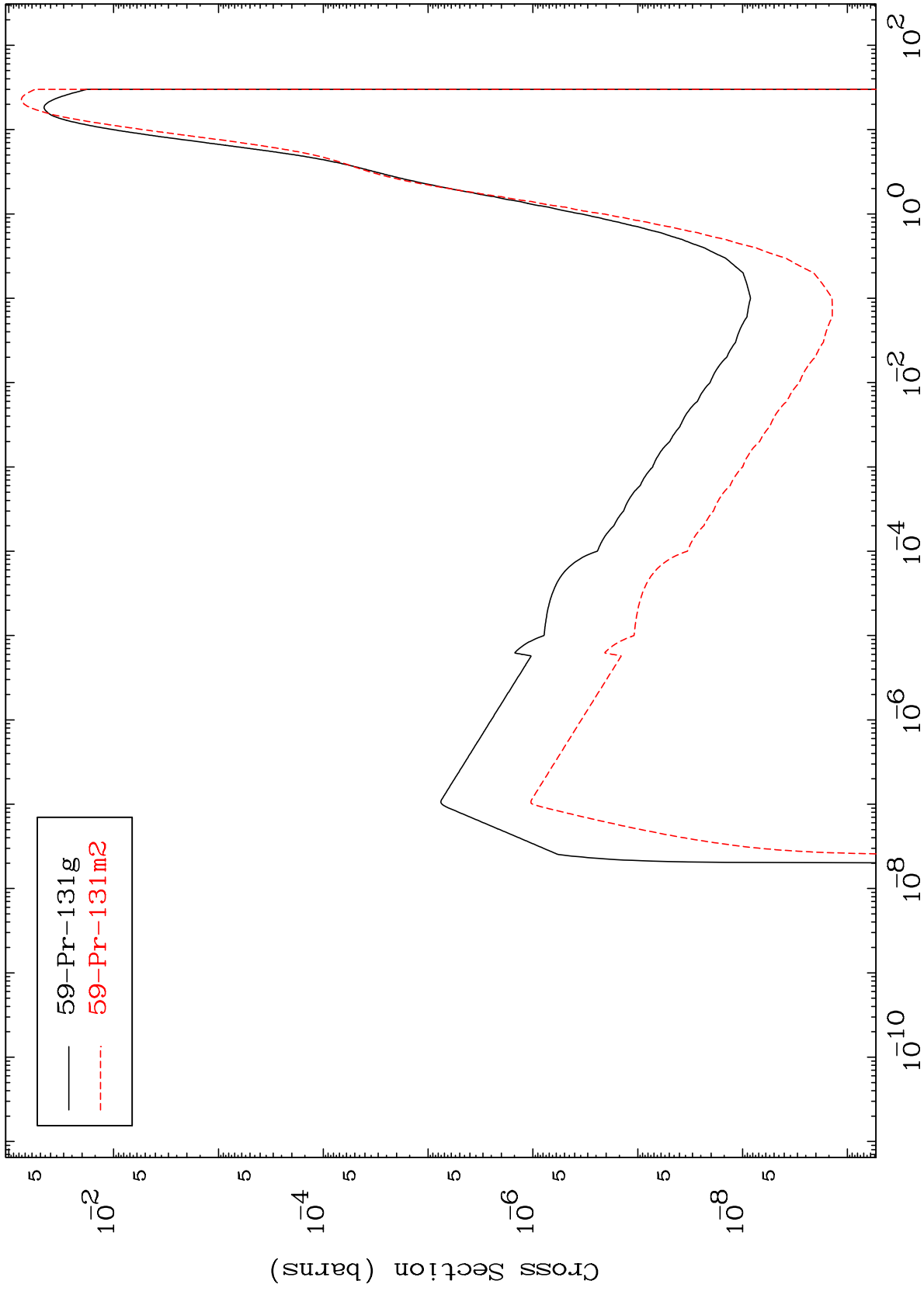


MAT 6198

(n,p) α

62-Sm-135

Radionuclide Production Cross Section



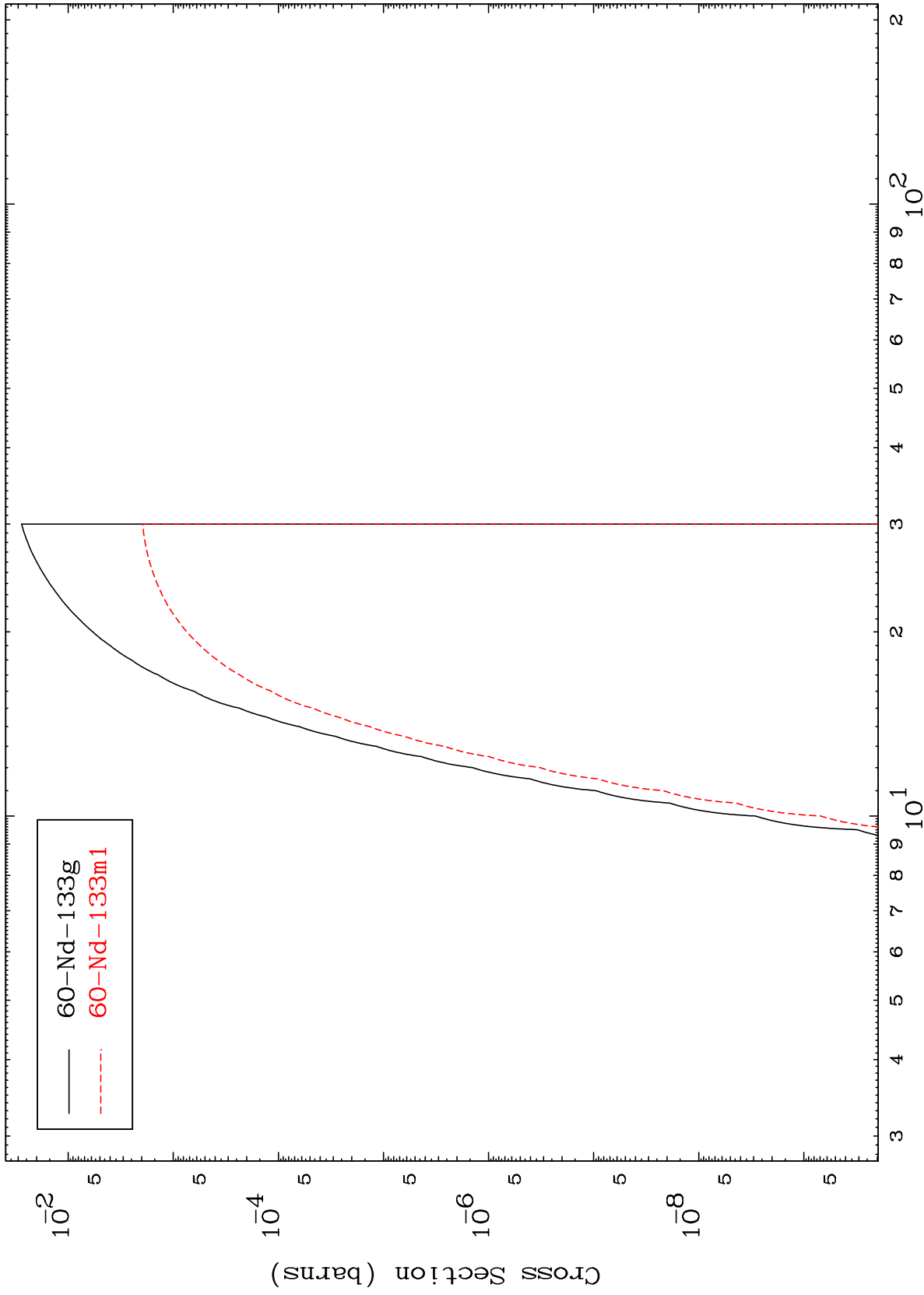
59-Pr-131g
59-Pr-131m2

MAT 6198

(n,p) d

62-Sm-135

Radionuclide Production Cross Section



60-Nd-133g
60-Nd-133m1

33

Incident Energy (MeV)

62-Sm-135