

Program EVALPLOT
(Version 2018-1)

by

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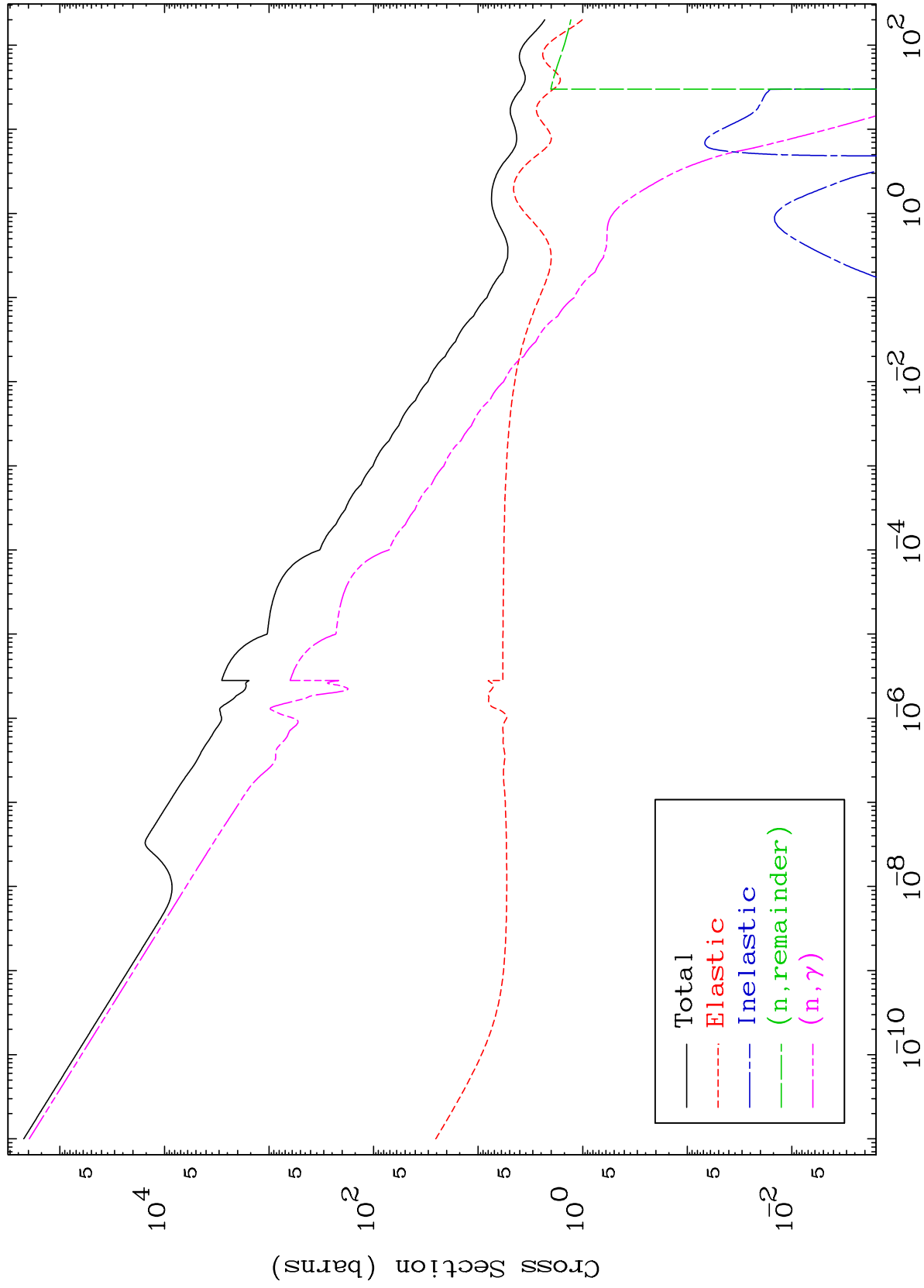
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6481

Major
293 Kelvin Cross Sections

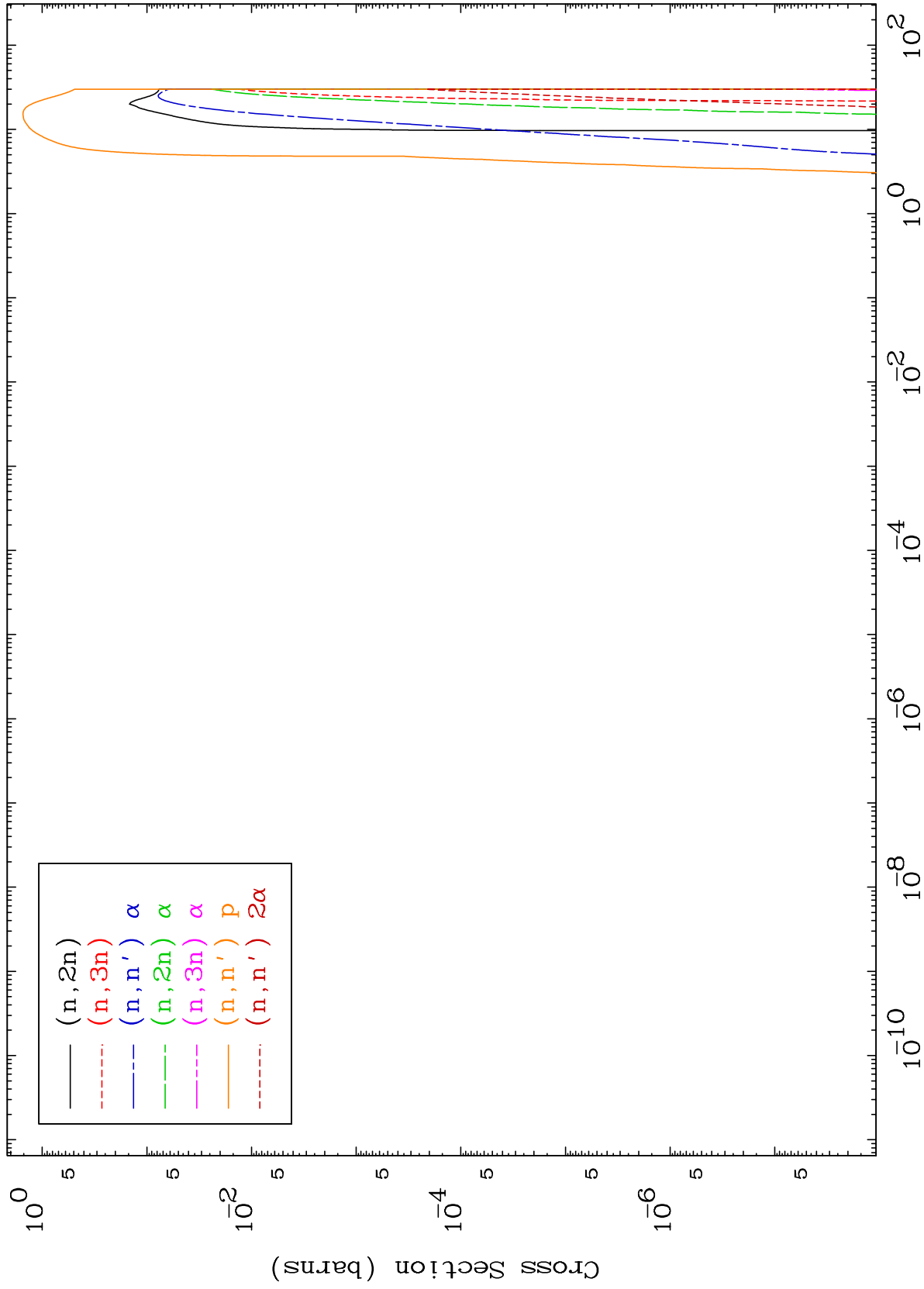
65-Tb-144

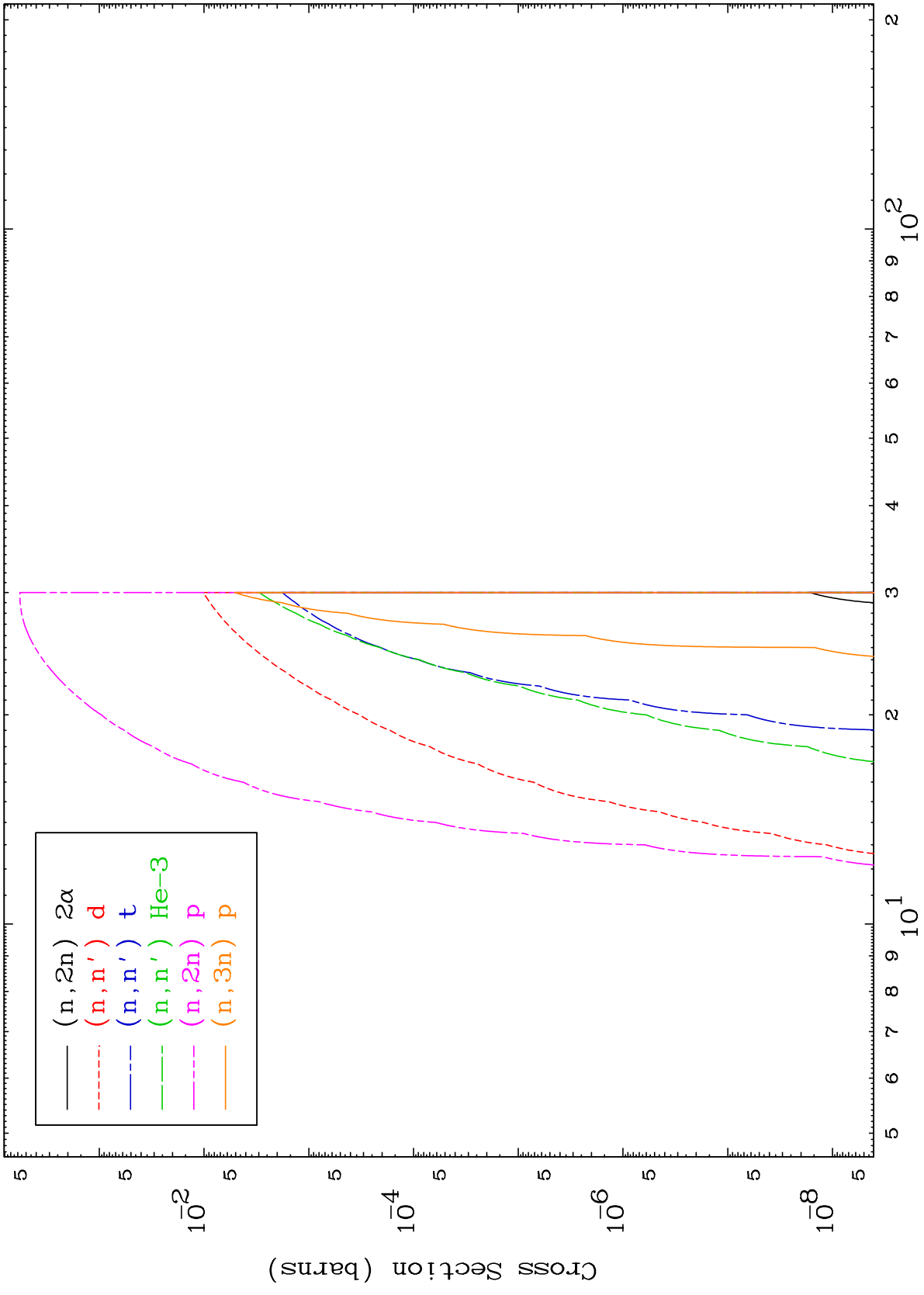


MAT 6481

Neutron Production
293 Kelvin Cross Sections

65-Tb-144

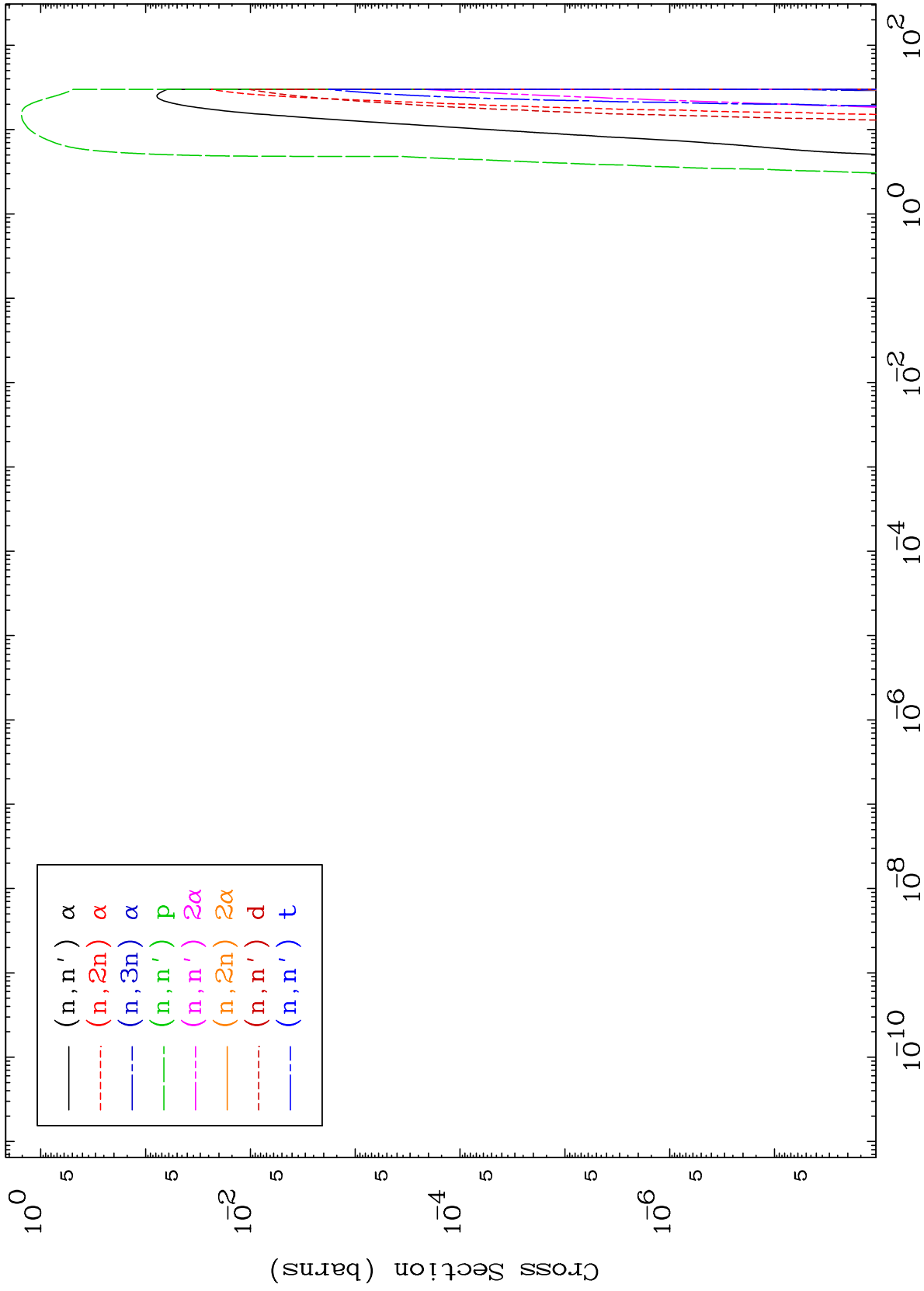




MAT 6481

293 Kelvin Cross Sections

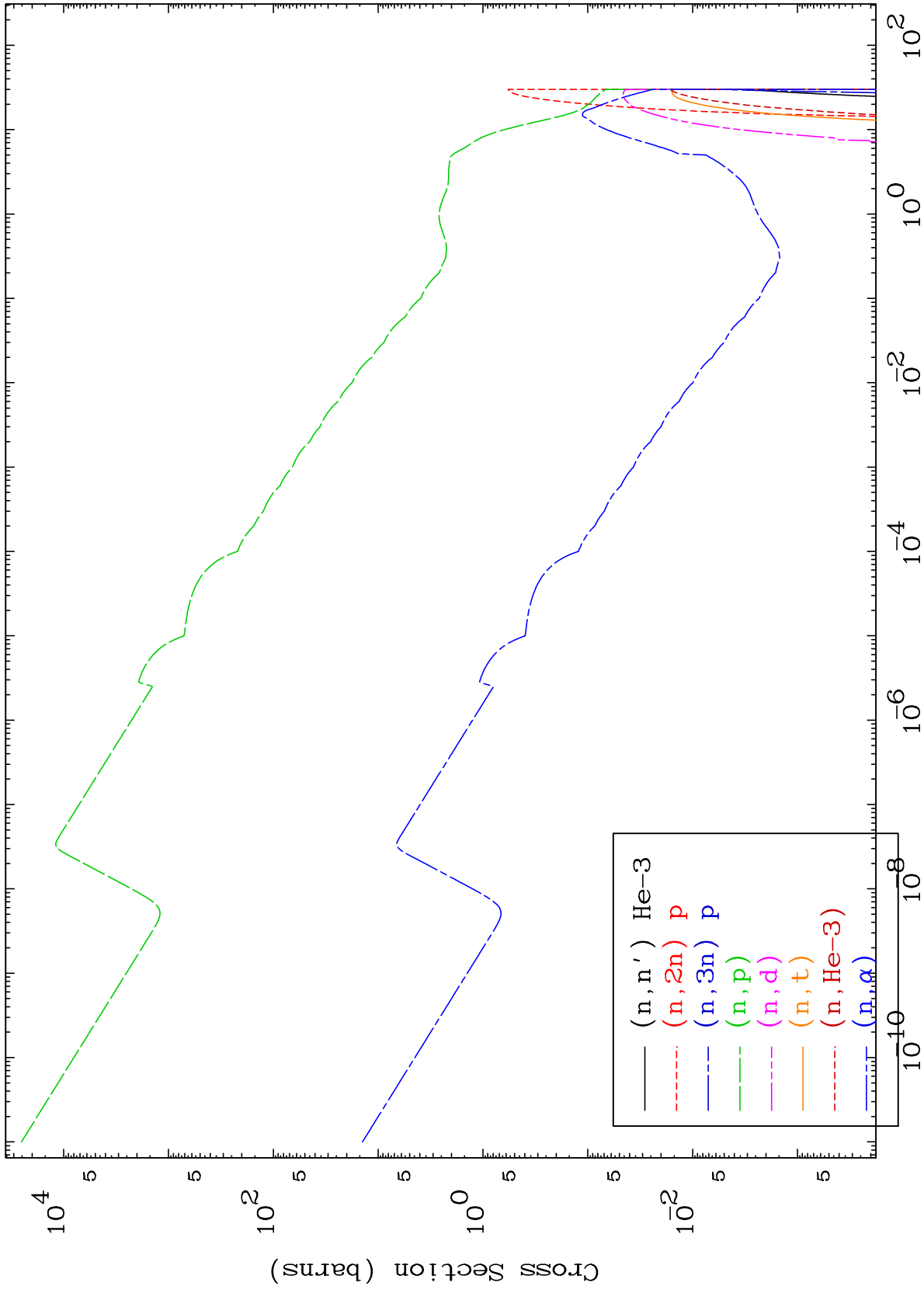
65-Tb-144



MAT 6481

Charged Particle
293 Kelvin Cross Sections

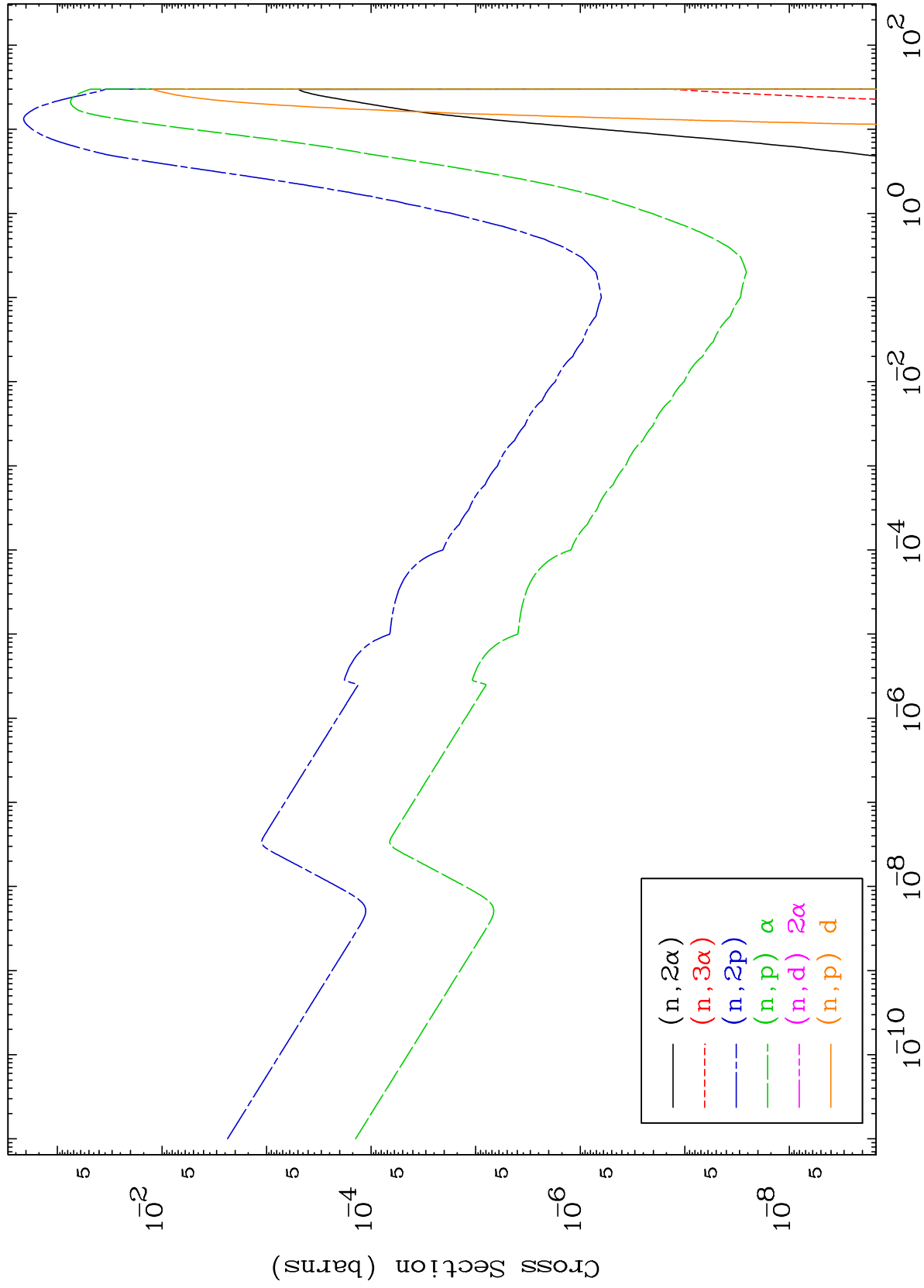
65-Tb-144



MAT 6481

Charged Particle
293 Kelvin Cross Sections

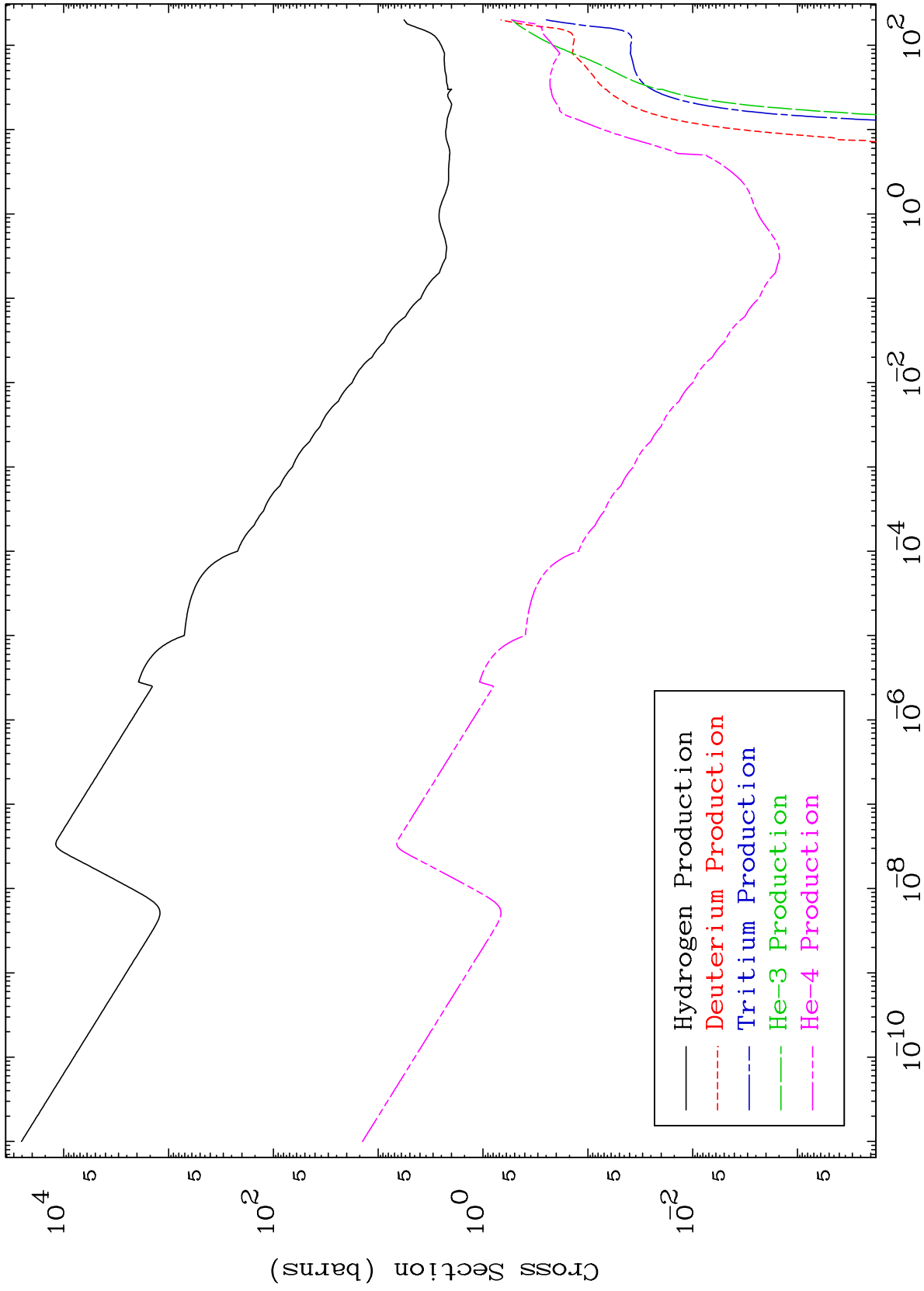
65-Tb-144



MAT 6481

Particle Production
293 Kelvin Cross Sections

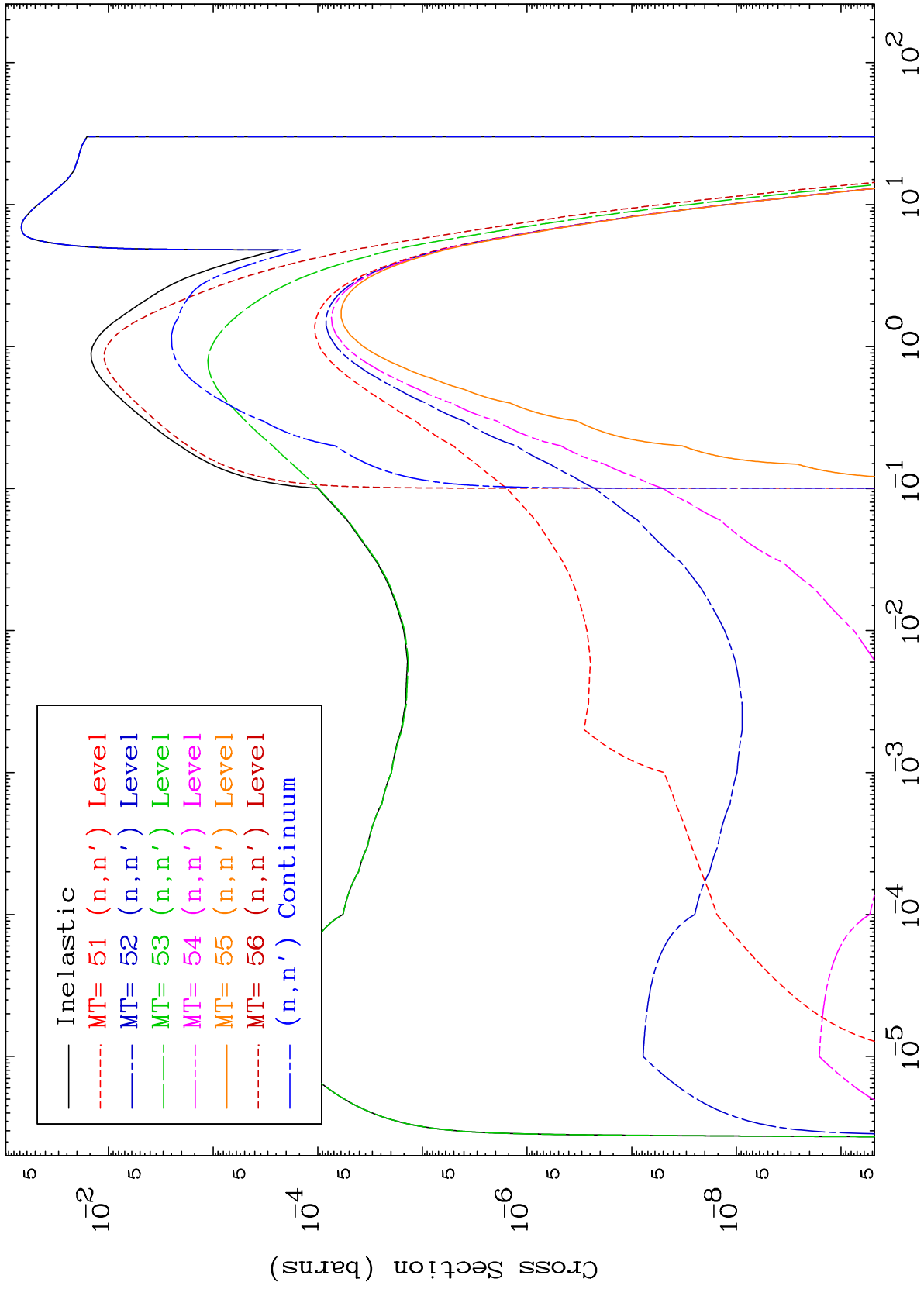
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MAT 6481

293 Kelvin Cross Sections

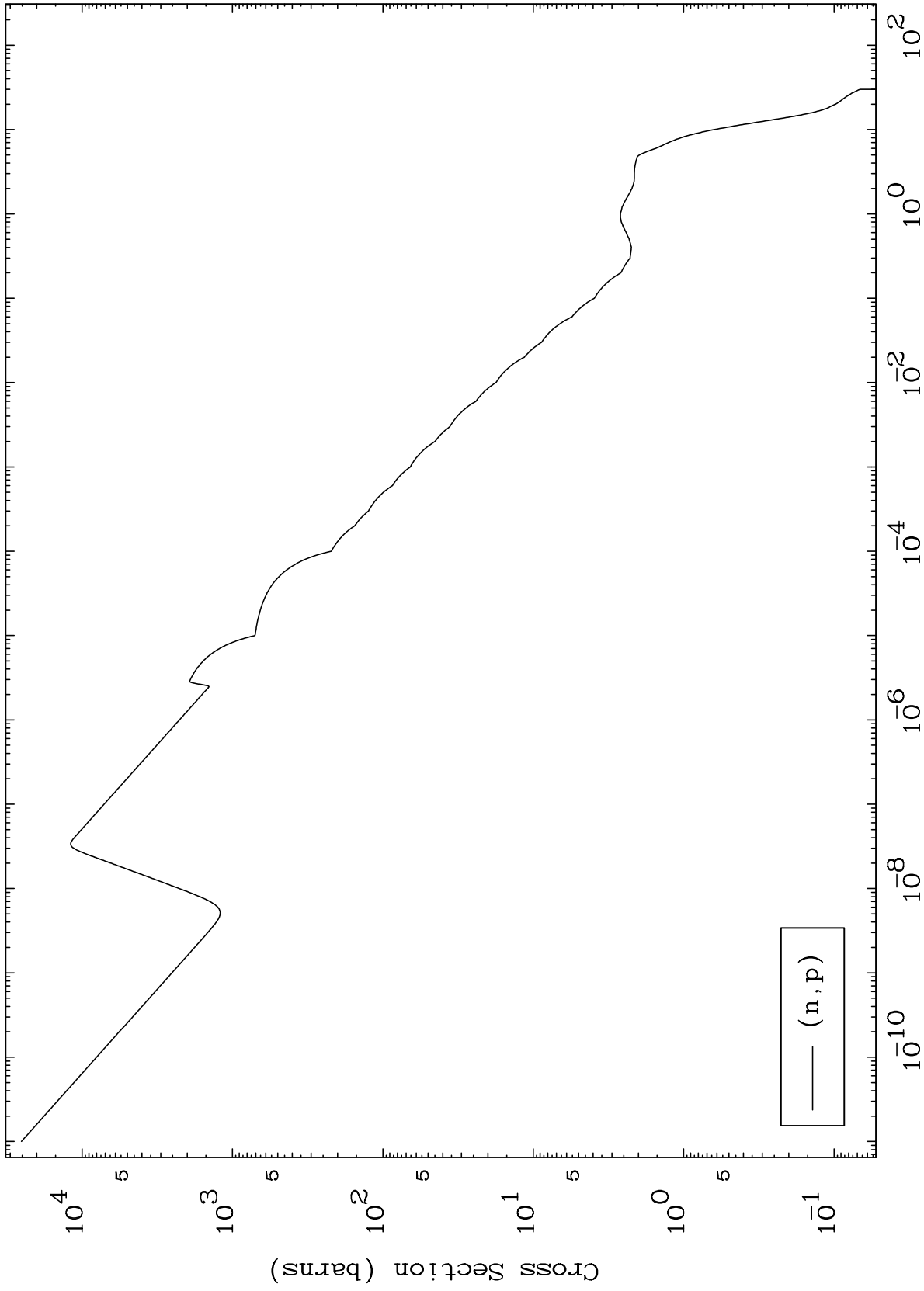
65-Tb-144



MAT 6481

(n,p) Levels
293 Kelvin Cross Sections

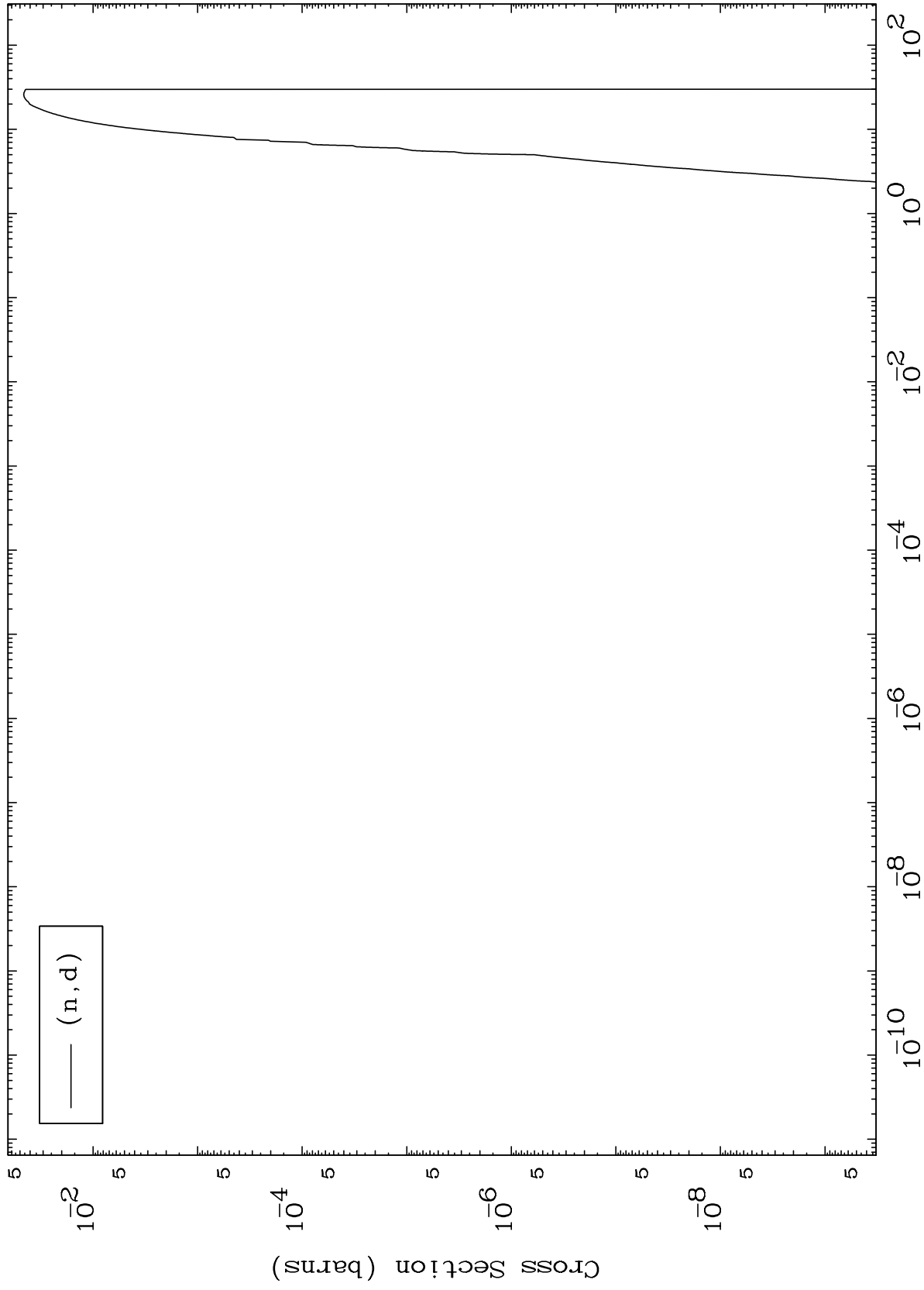
65-Tb-144



MAT 6481

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-144



10

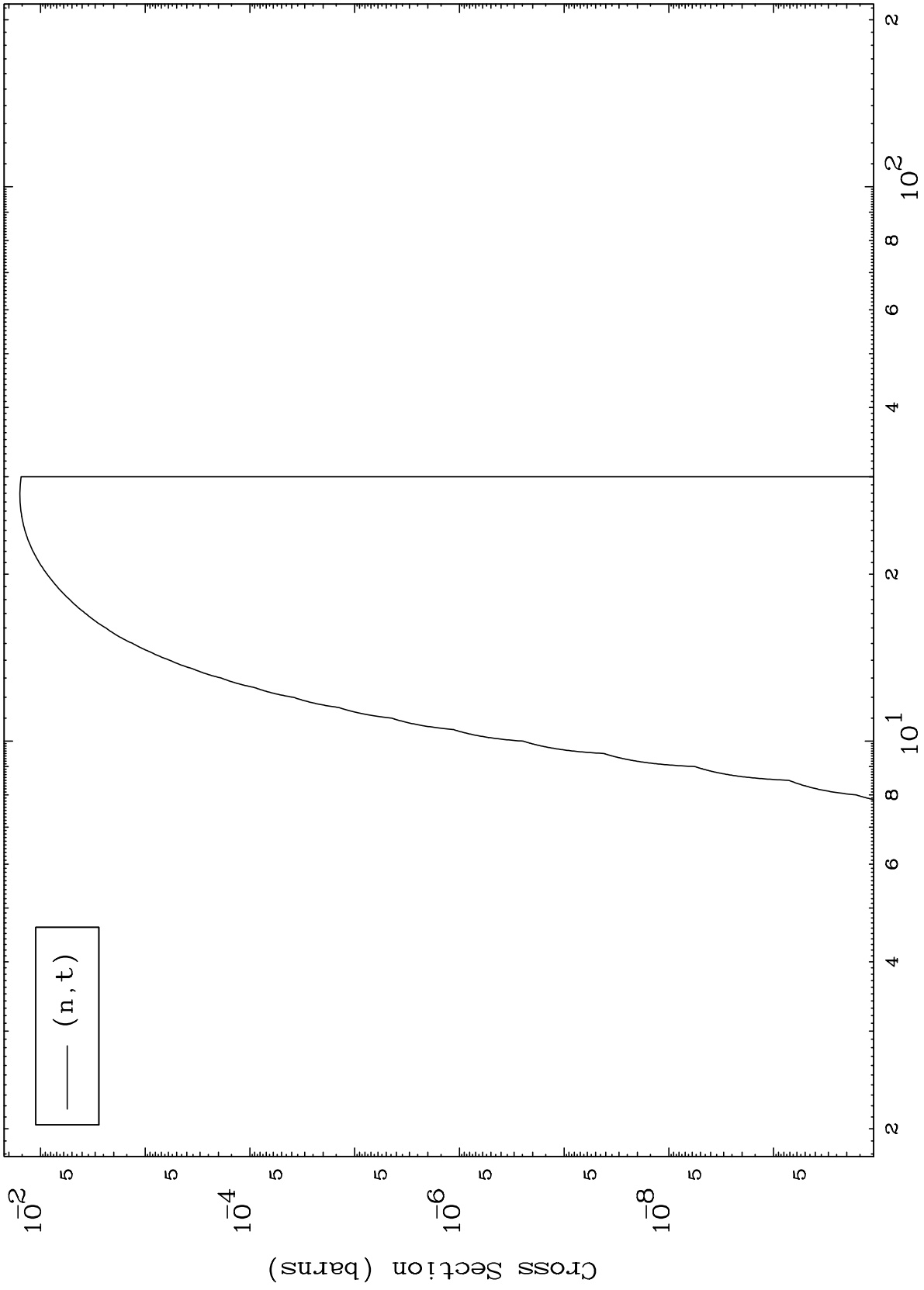
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-144

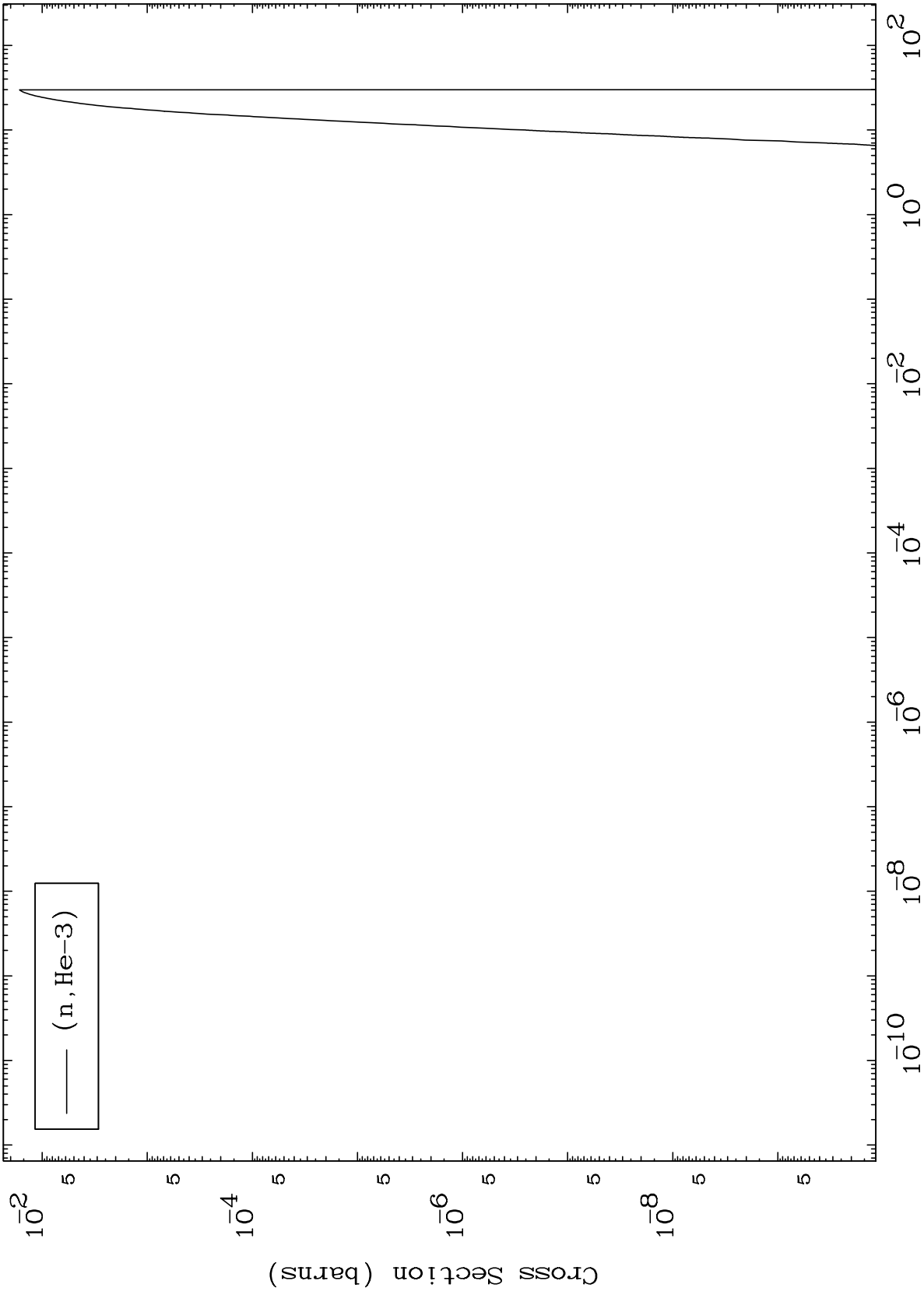


(n,t)

MAT 6481

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-144



12

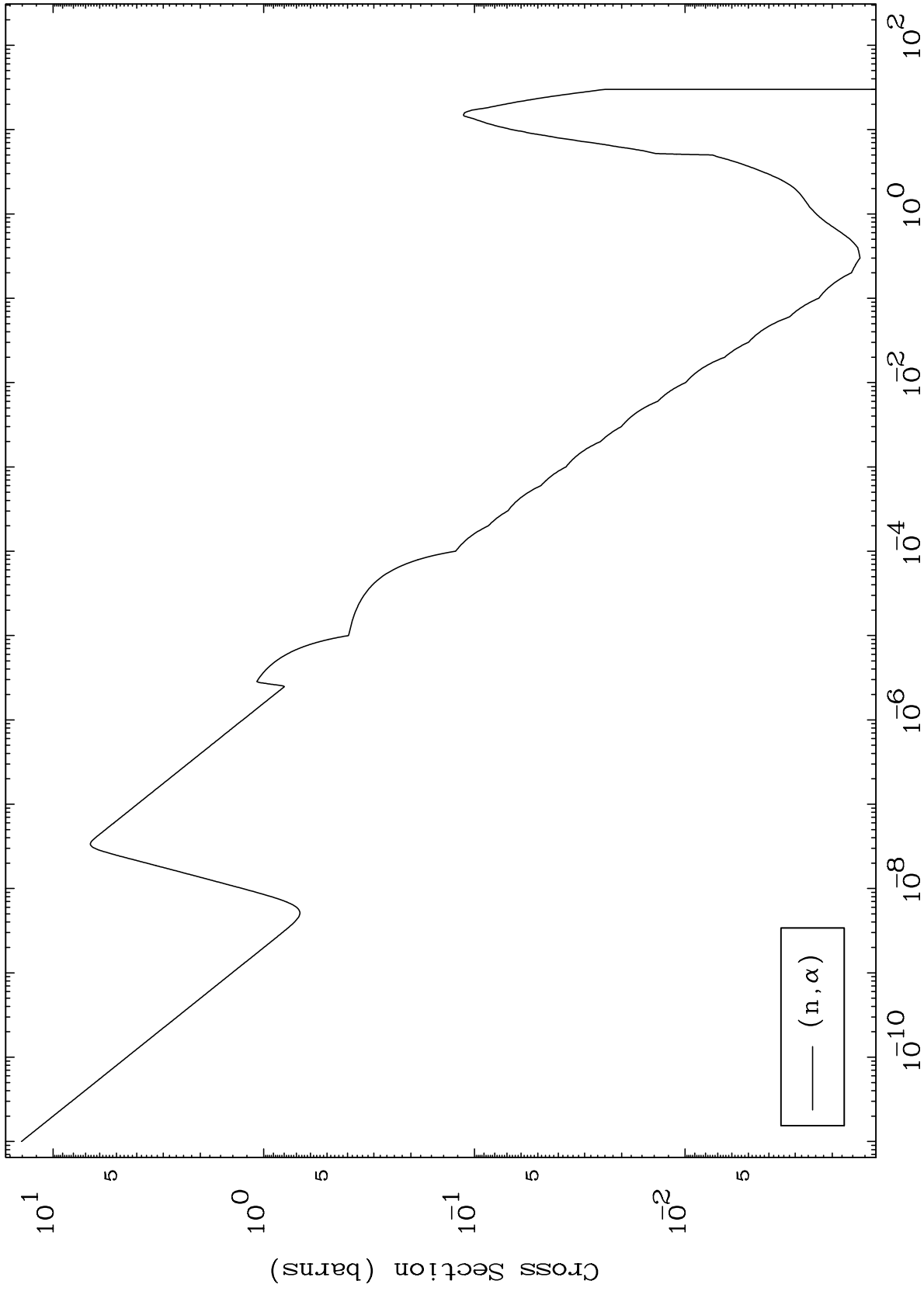
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,α) Levels
293 Kelvin Cross Sections

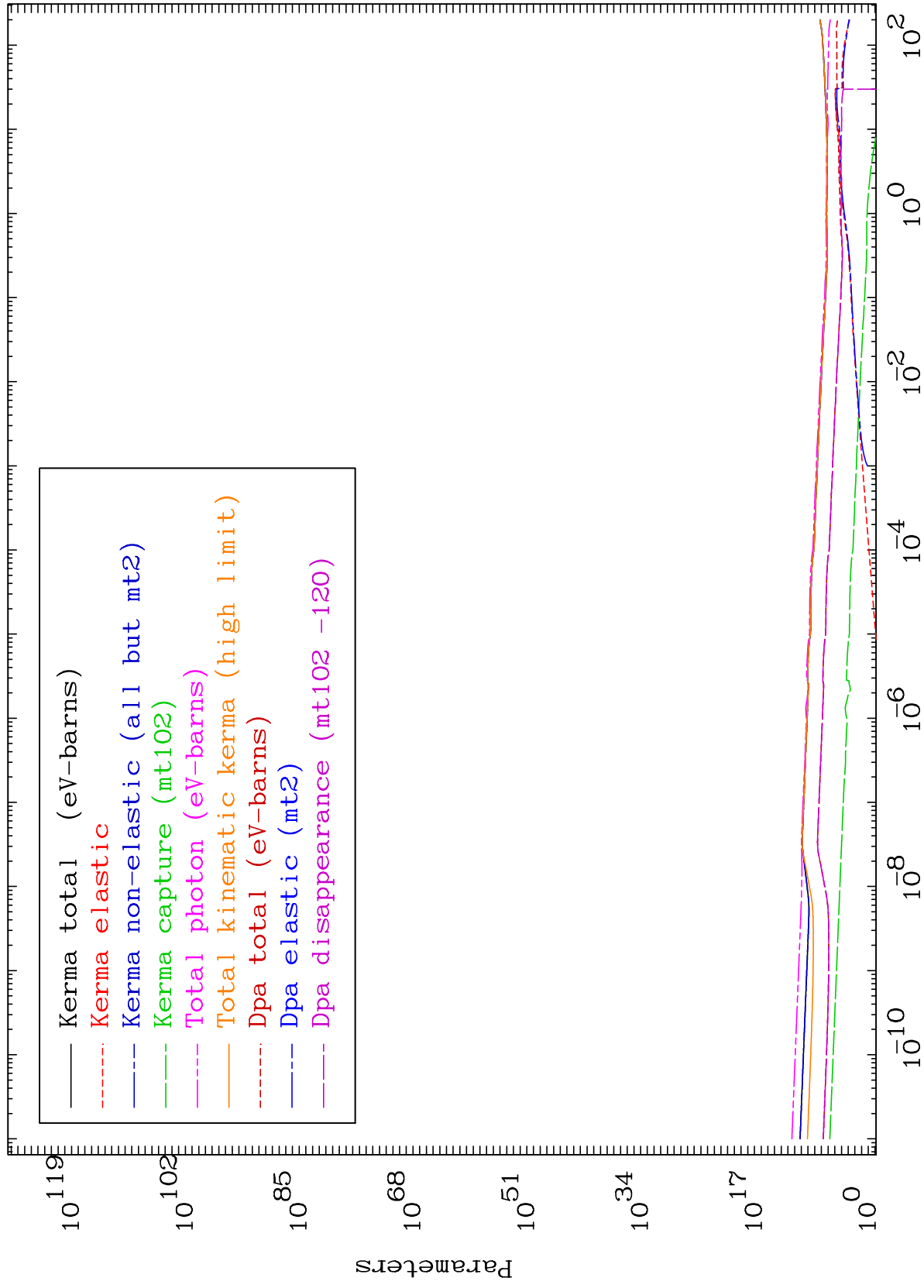
65-Tb-144



13

Incident Energy (MeV)

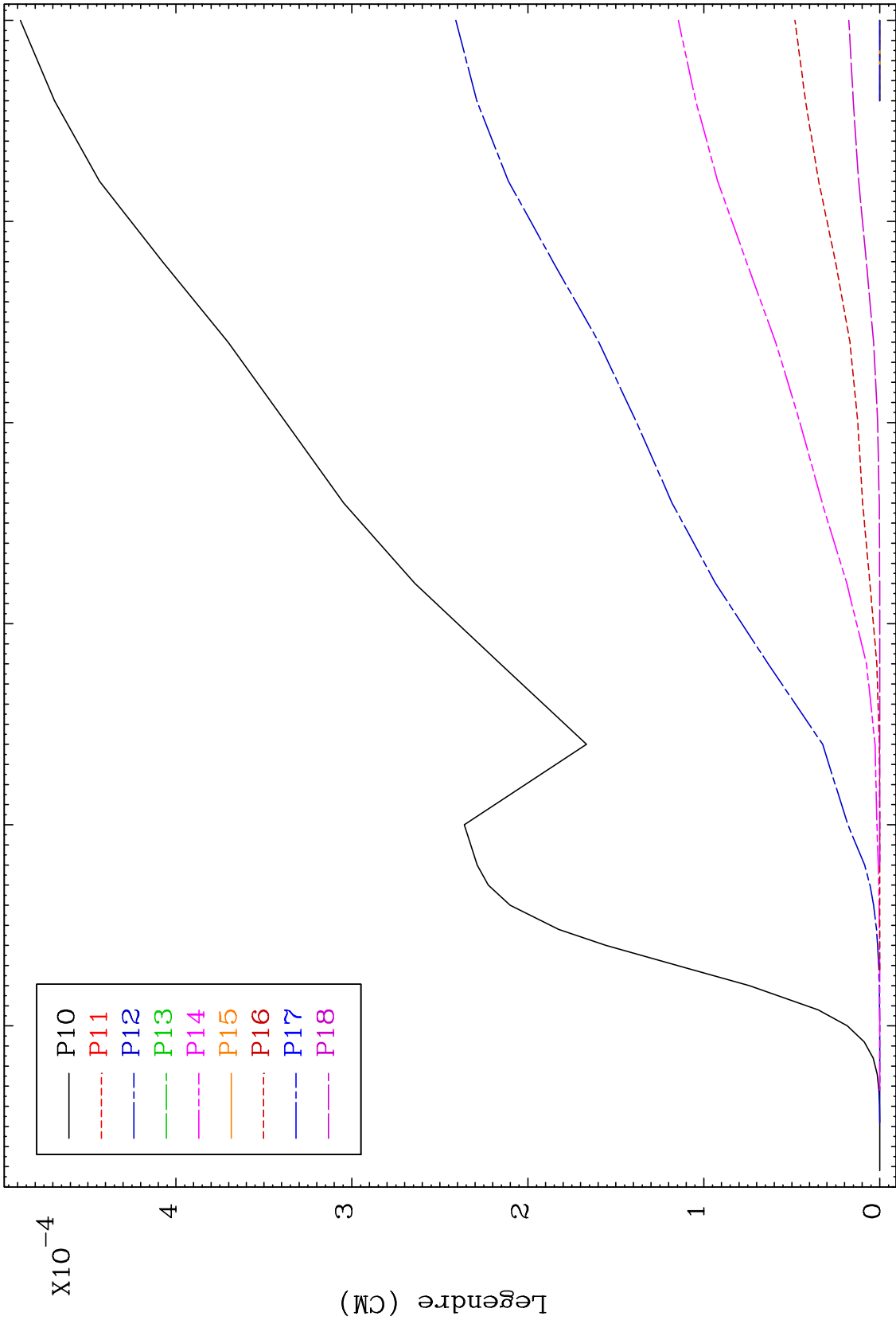
65-Tb-144



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Elastic Legendre Coefficients

65-Tb-144



16

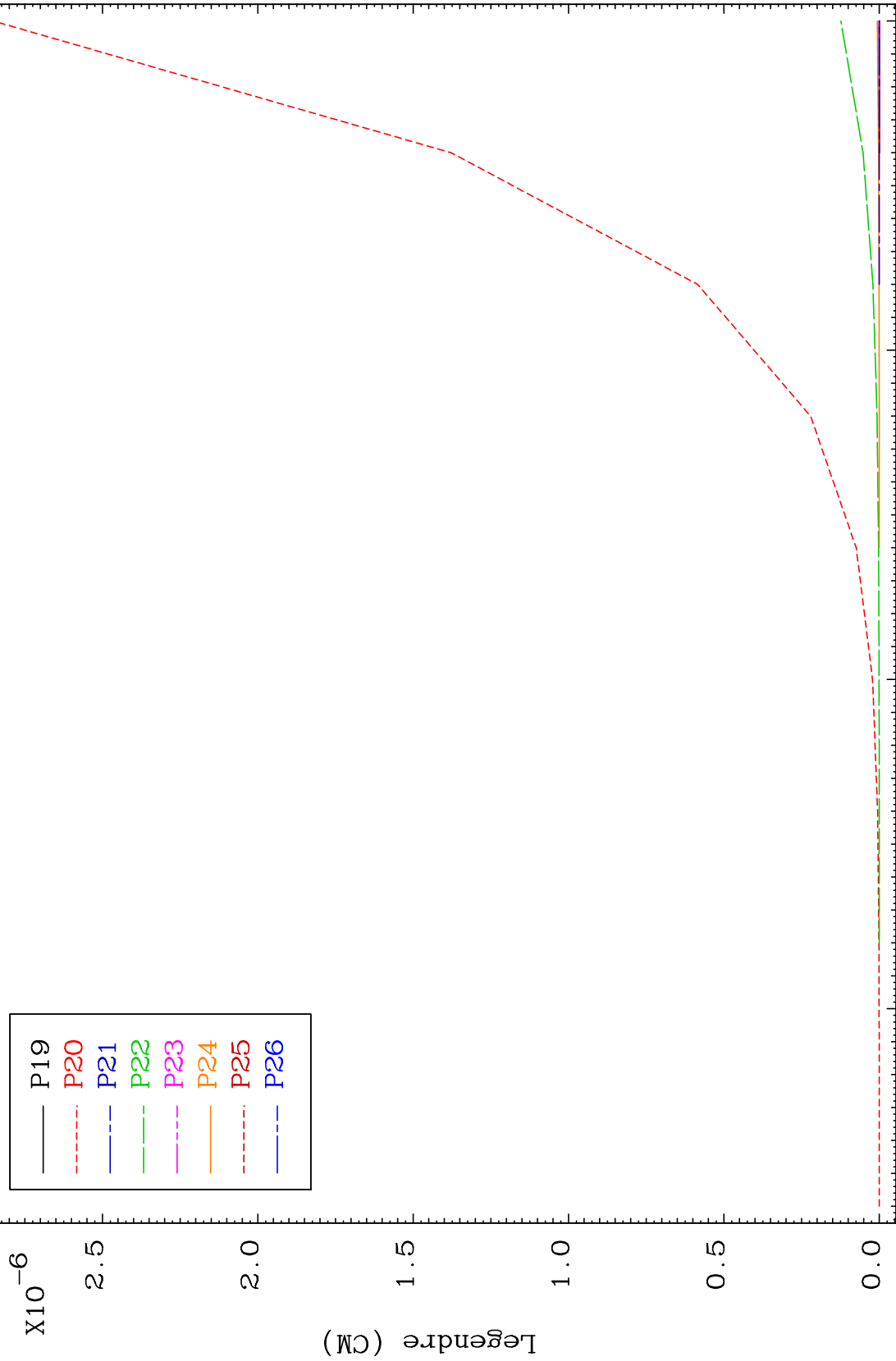
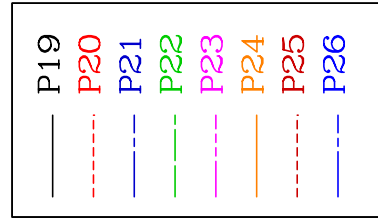
Incident Energy (MeV)

65-Tb-144

MAT 6481

Elastic Legendre Coefficients

65-Tb-144



17

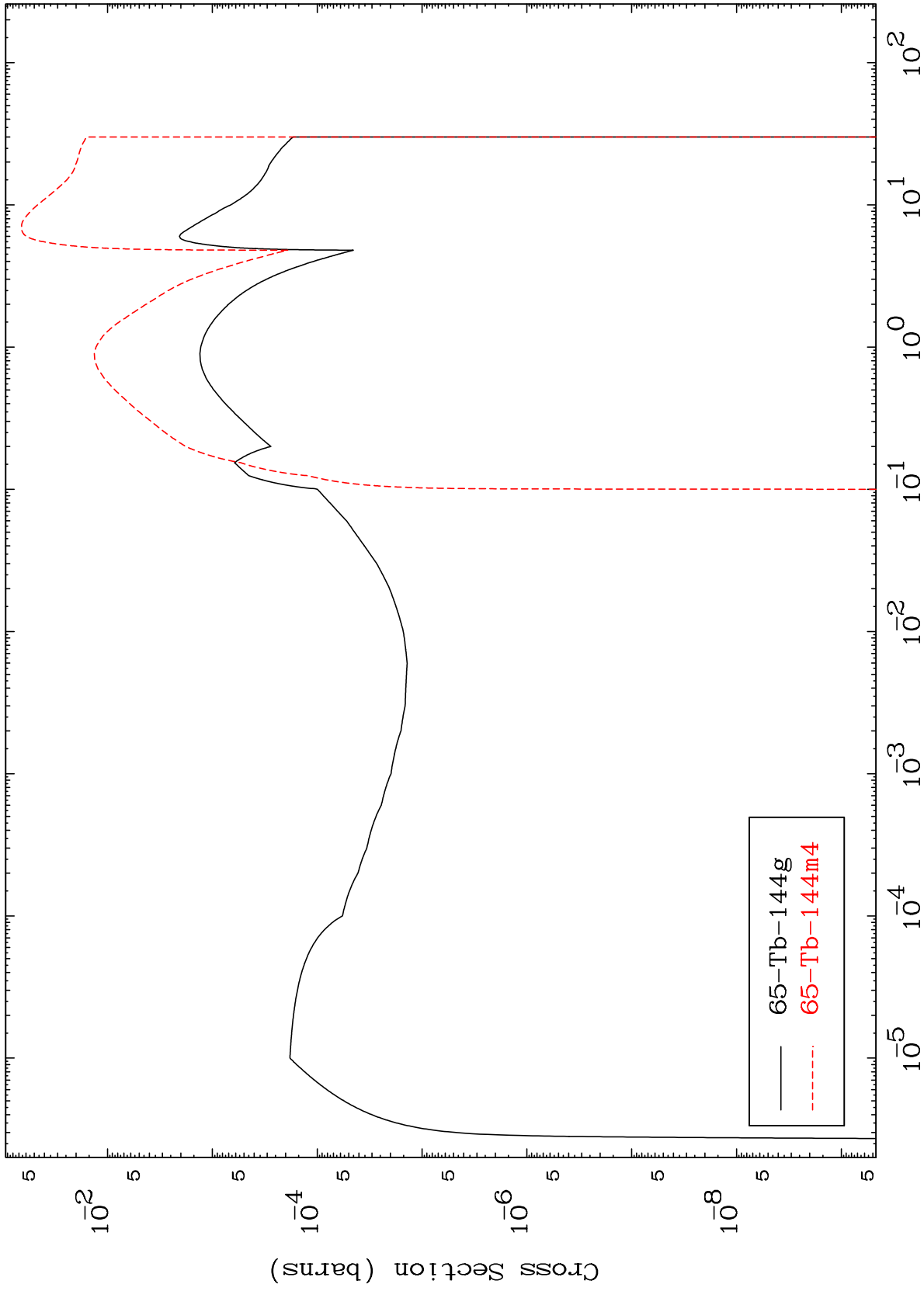
Incident Energy (MeV)

65-Tb-144

MAT 6481

Inelastic
Radionuclide Production Cross Section

⁶⁵Tb-144

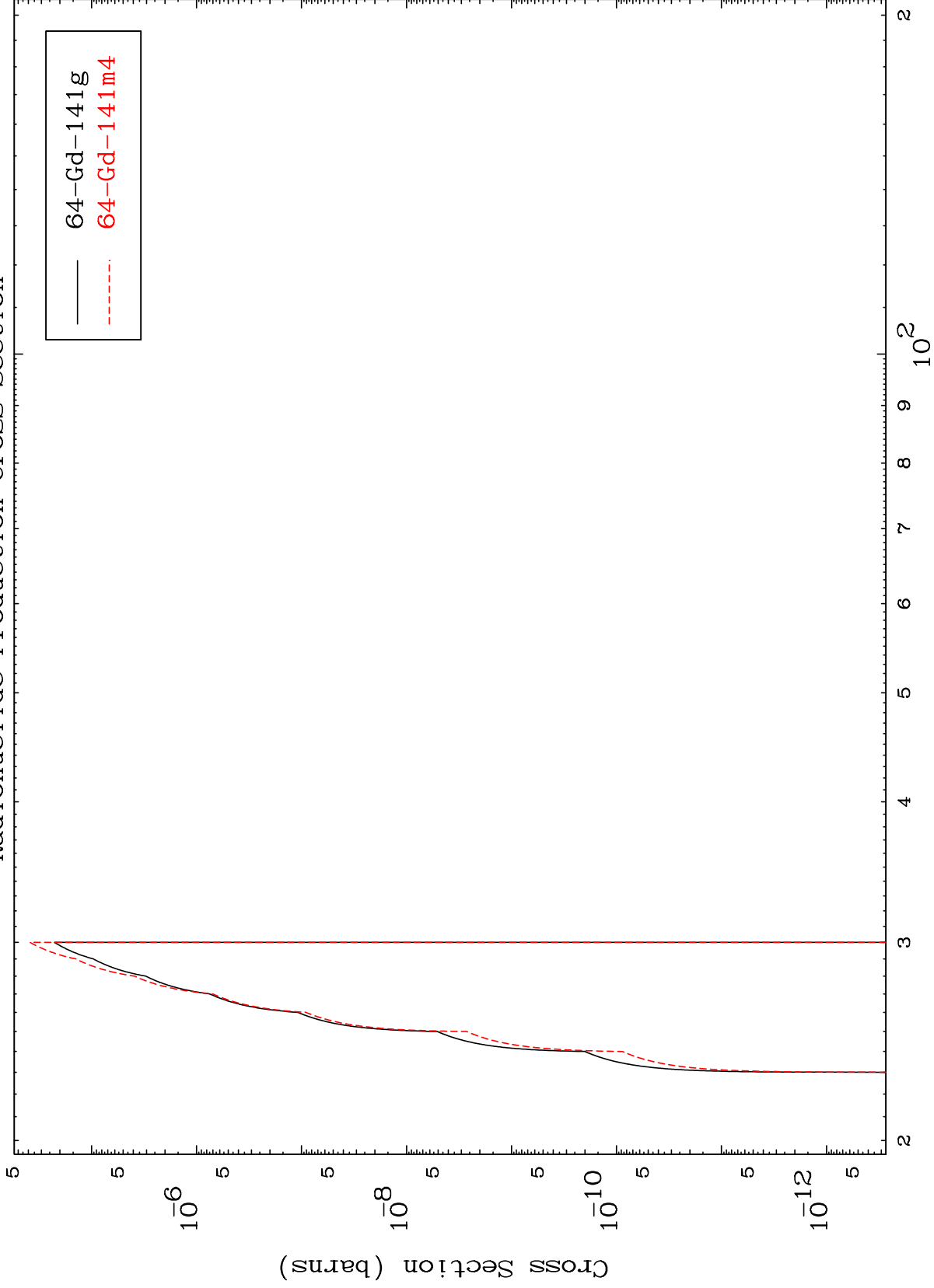


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(n,2n) d

65-Tb-144

Radionuclide Production Cross Section



19

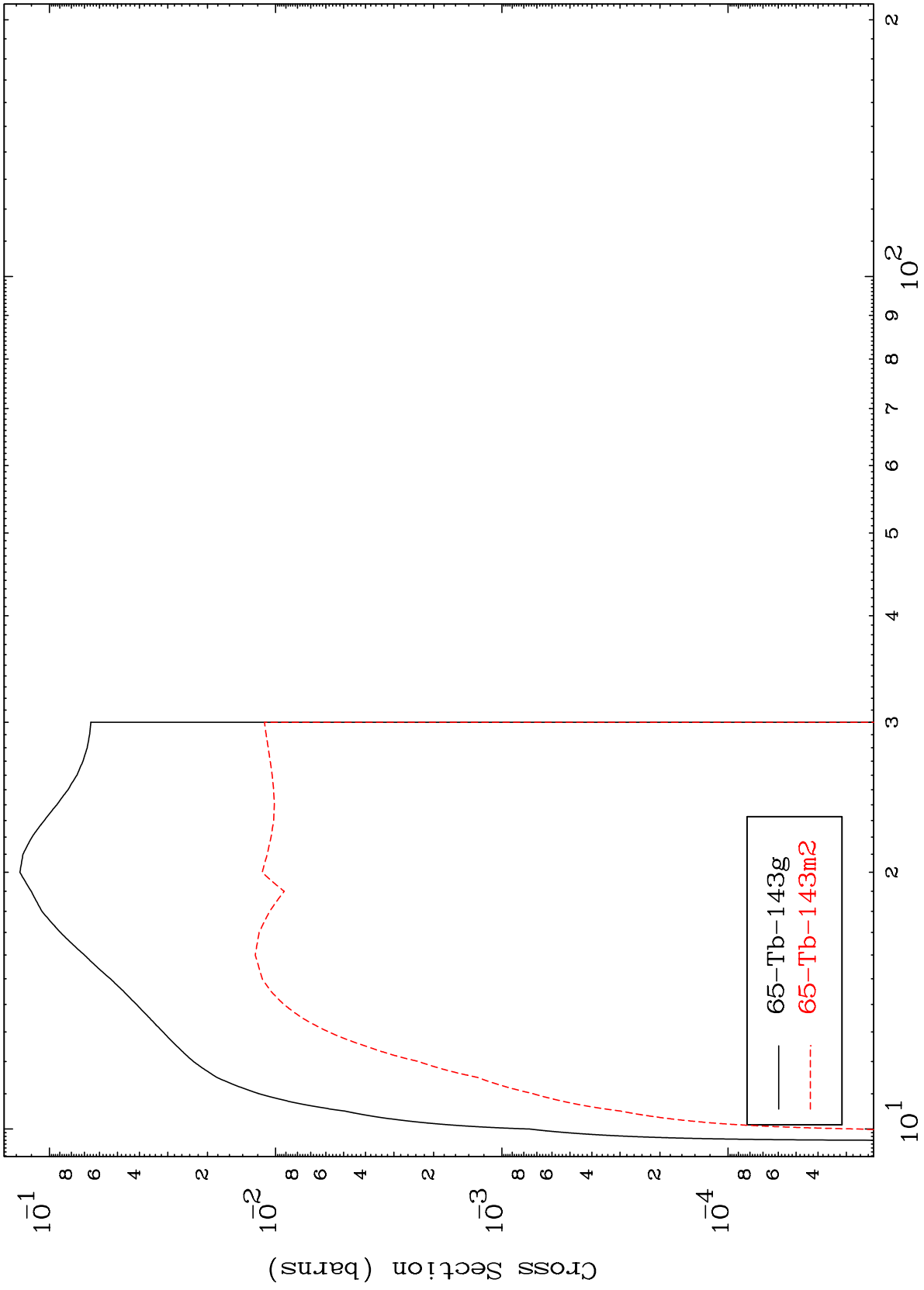
Incident Energy (MeV)

65-Tb-144

MAT 6481

65-Tb-144

(n,2n)
Radionuclide Production Cross Section



65-Tb-144

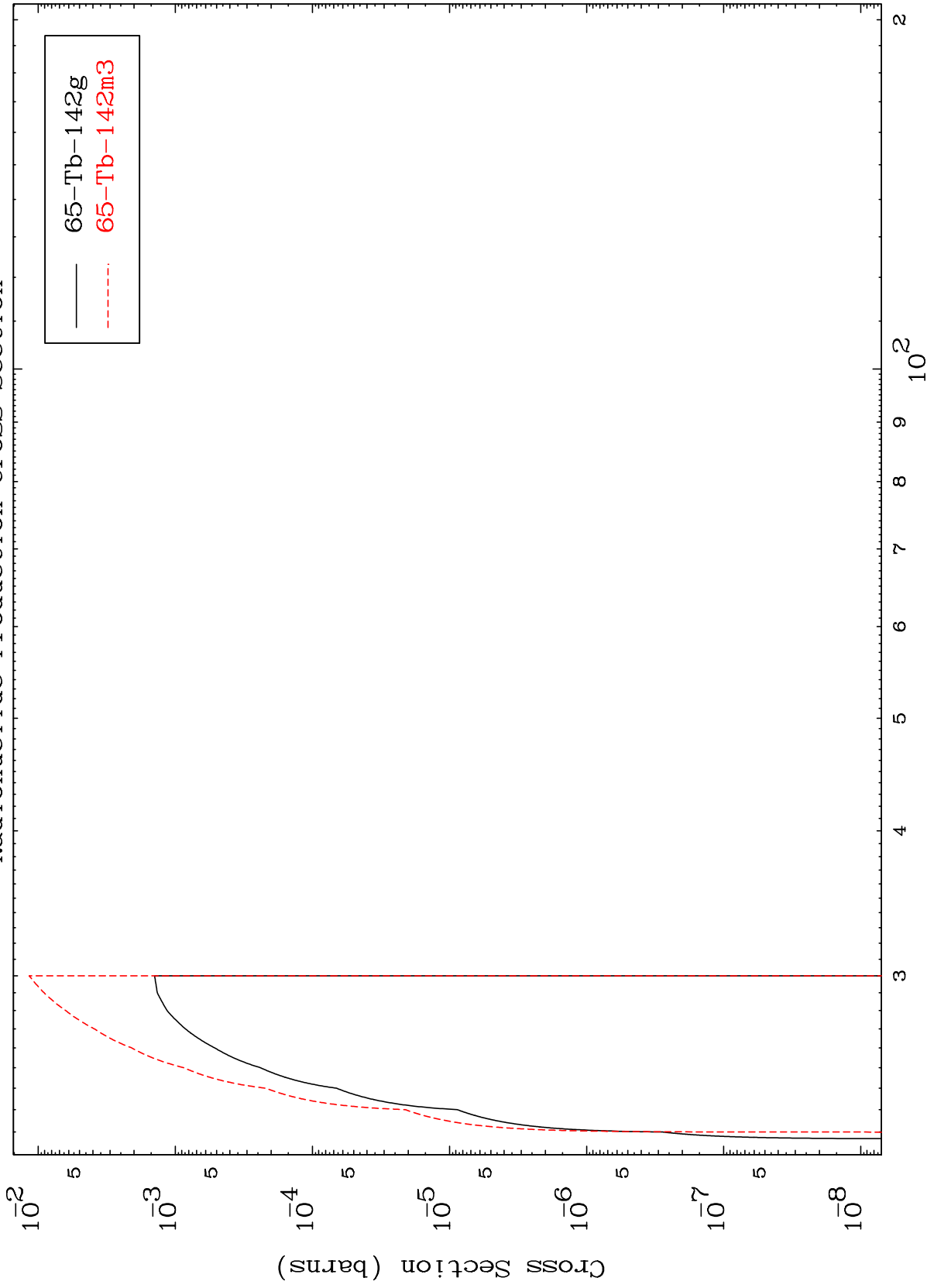
Incident Energy (MeV)

20

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65-Tb-144

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

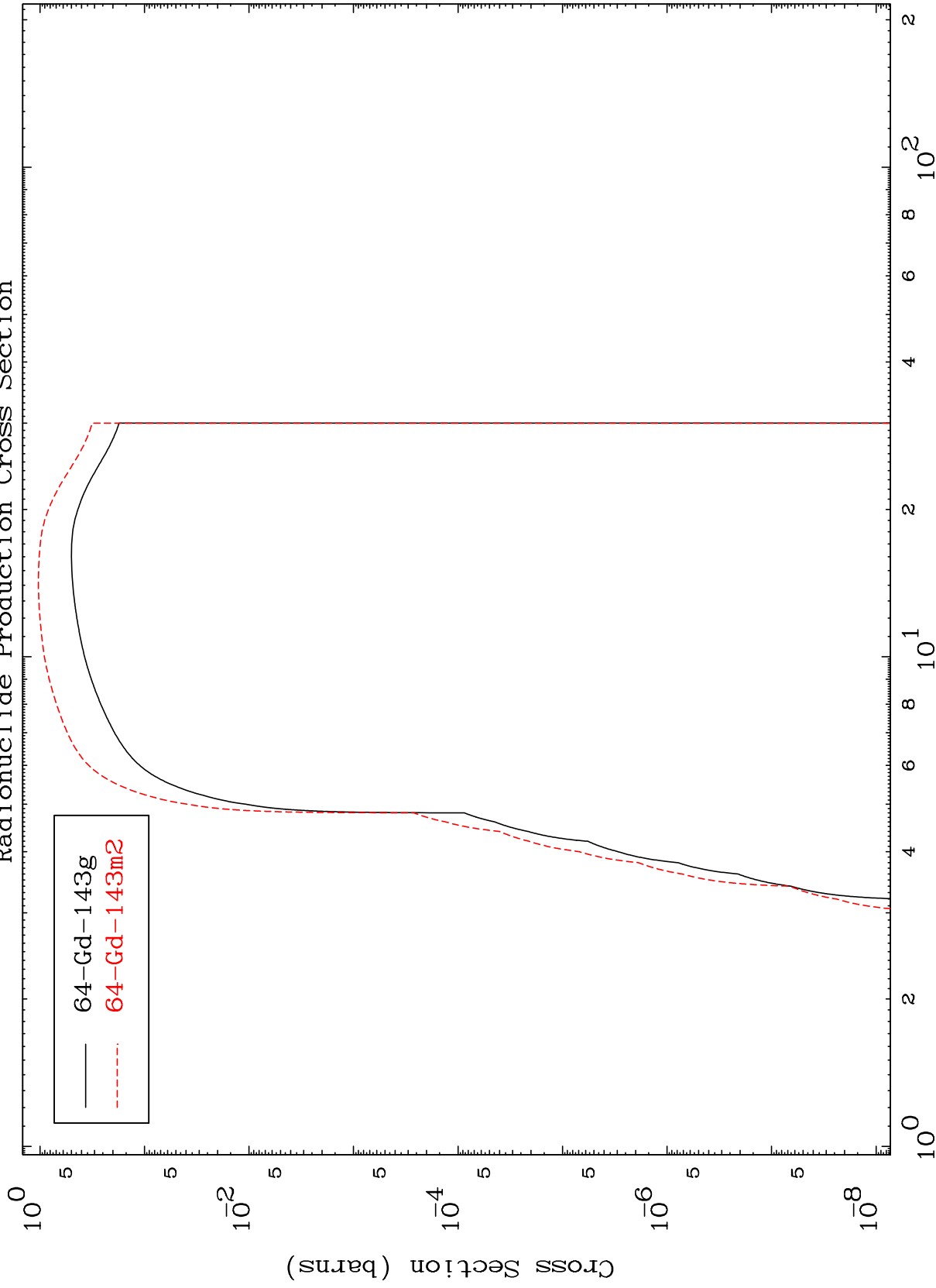
65-Tb-144

MAT 6481

(n,n') p

65-Tb-144

Radionuclide Production Cross Section



Incident Energy (MeV)

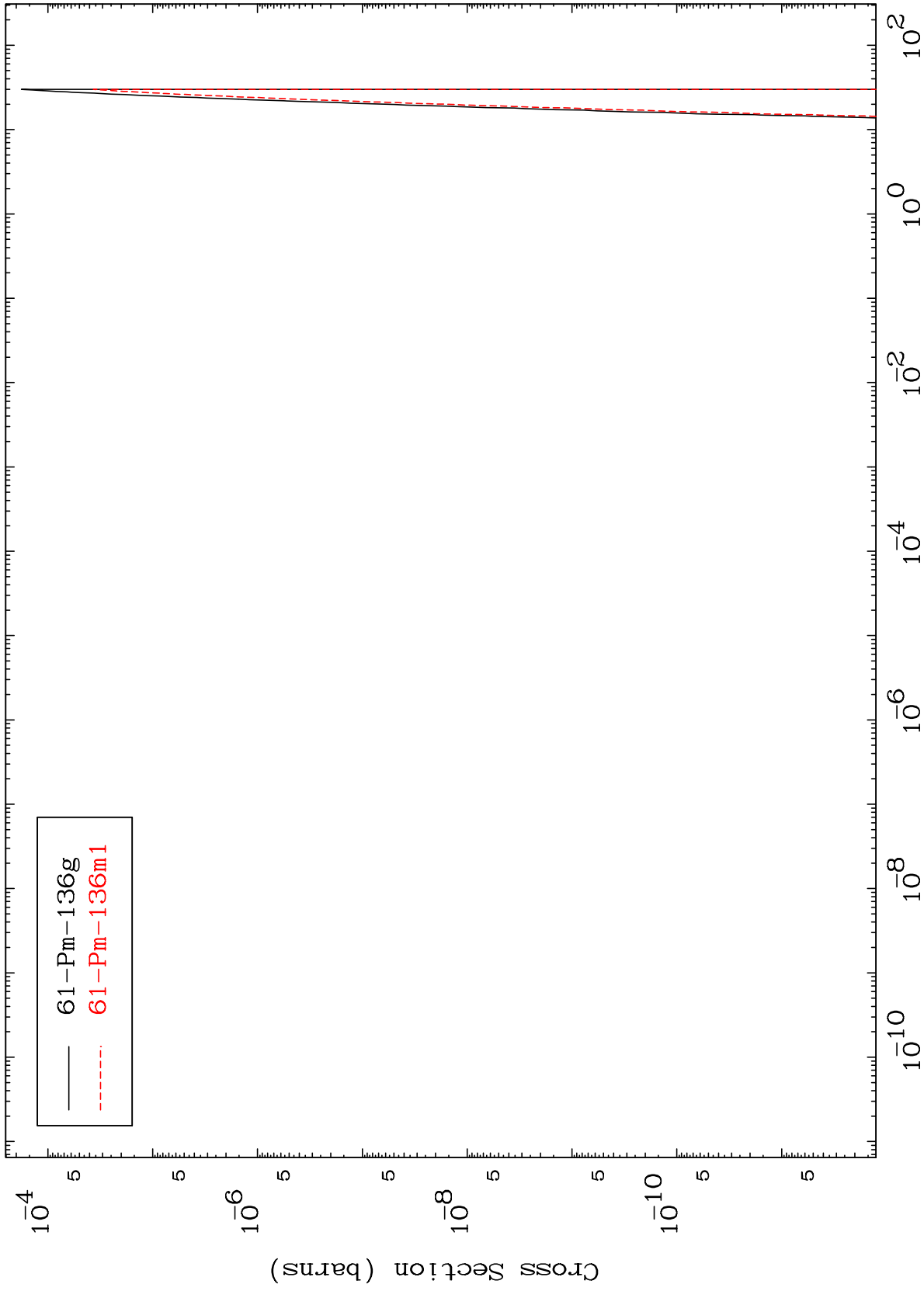
65-Tb-144

MAT 6481

(n,n') 2 α

65-Tb-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

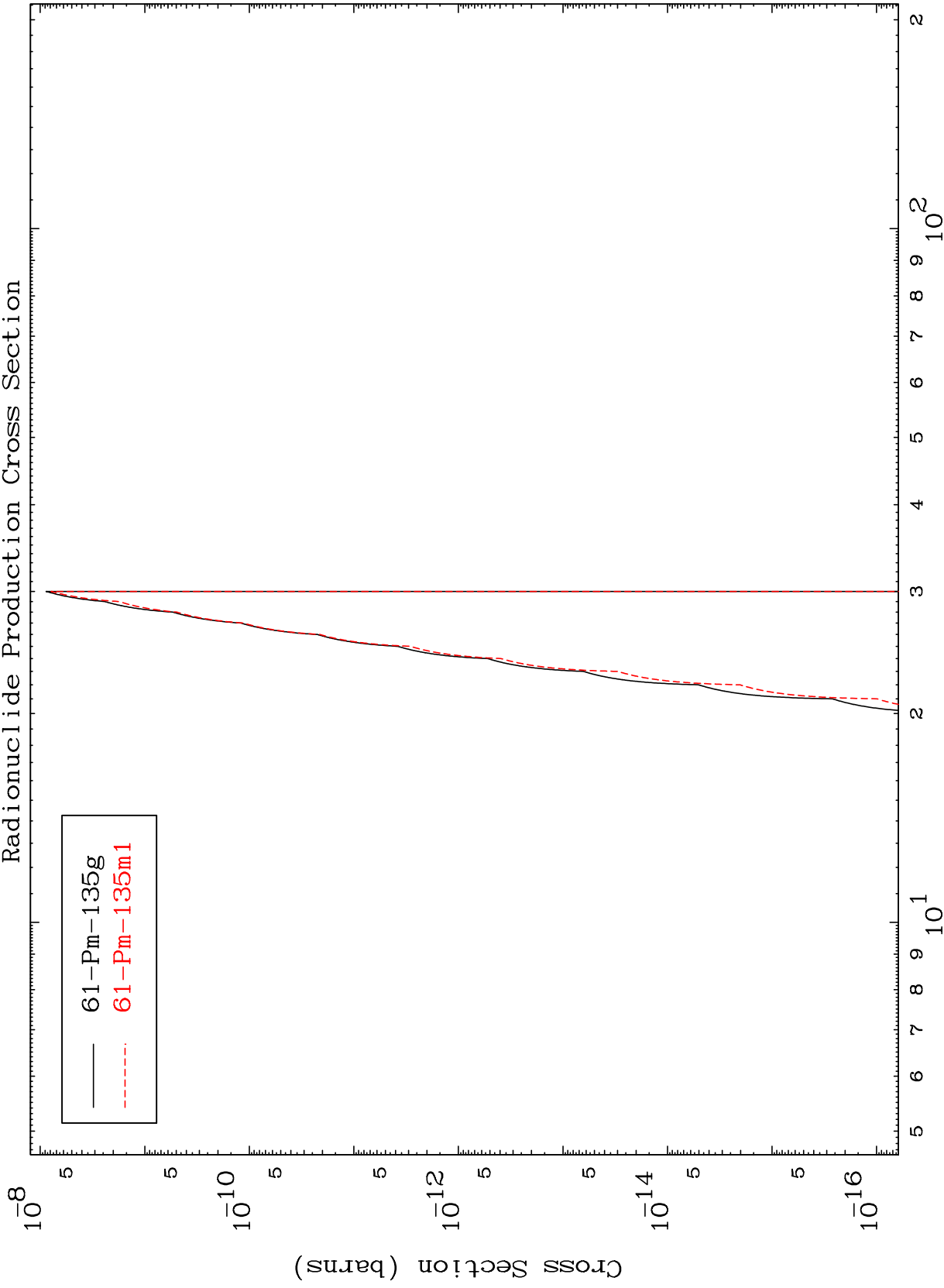
65-Tb-144

MAT 6481

(n,2n) 2α

65-Tb-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

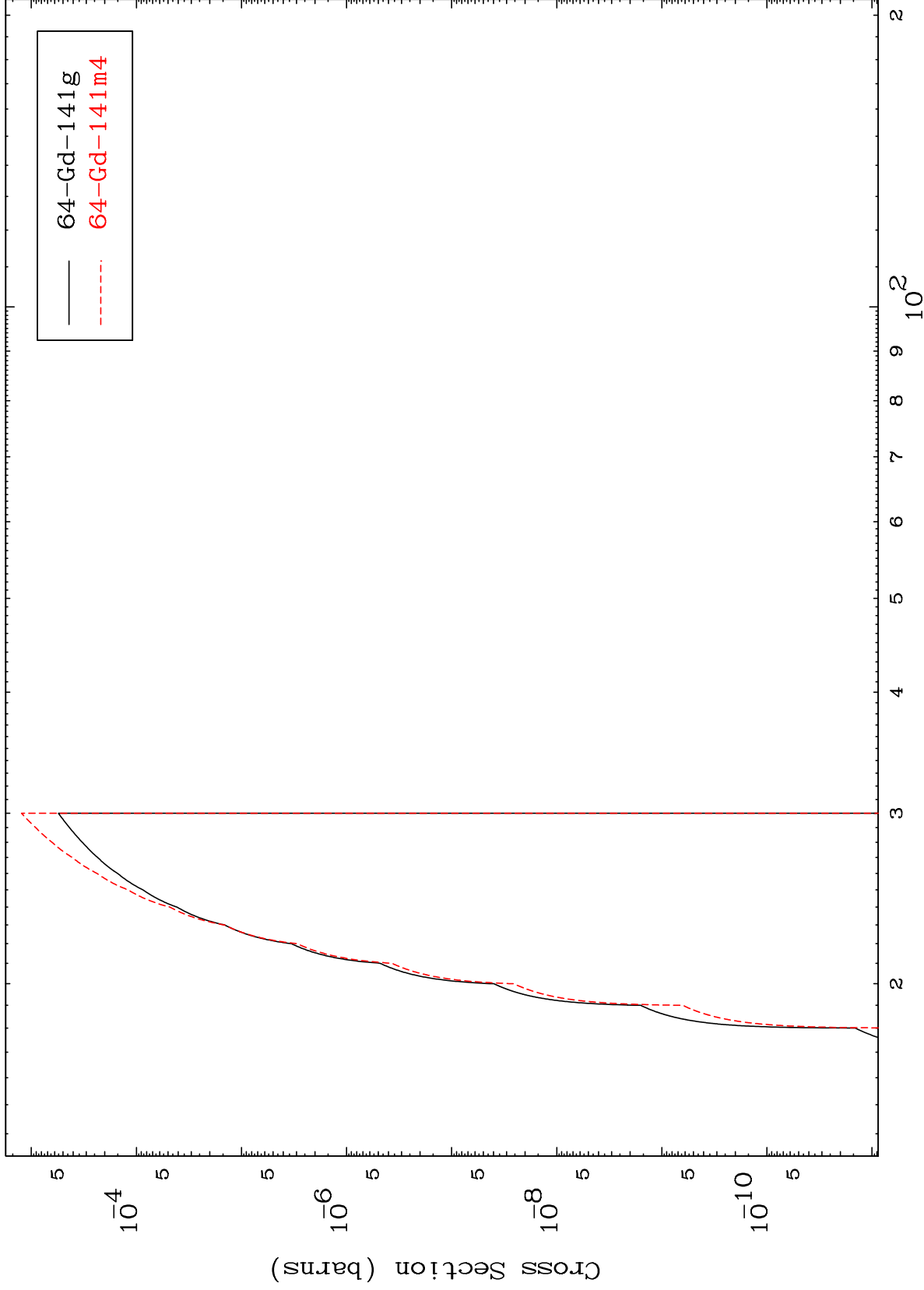
65-Tb-144

MAT 6481

(n,n') t

65-Tb-144

Radionuclide Production Cross Section



25

Incident Energy (MeV)

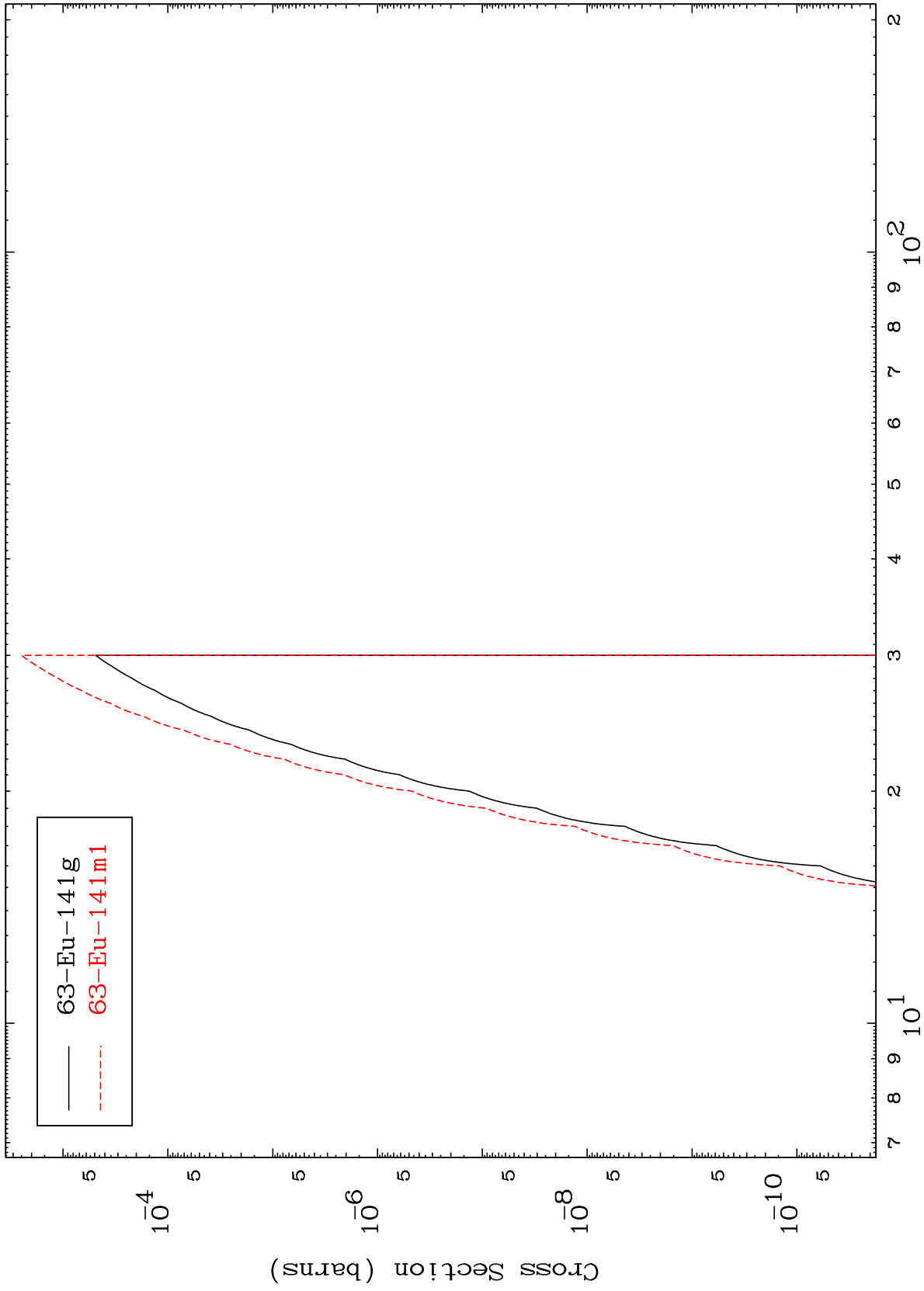
65-Tb-144

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(n, n') He-3

65-Tb-144

Radionuclide Production Cross Section



26

Incident Energy (MeV)

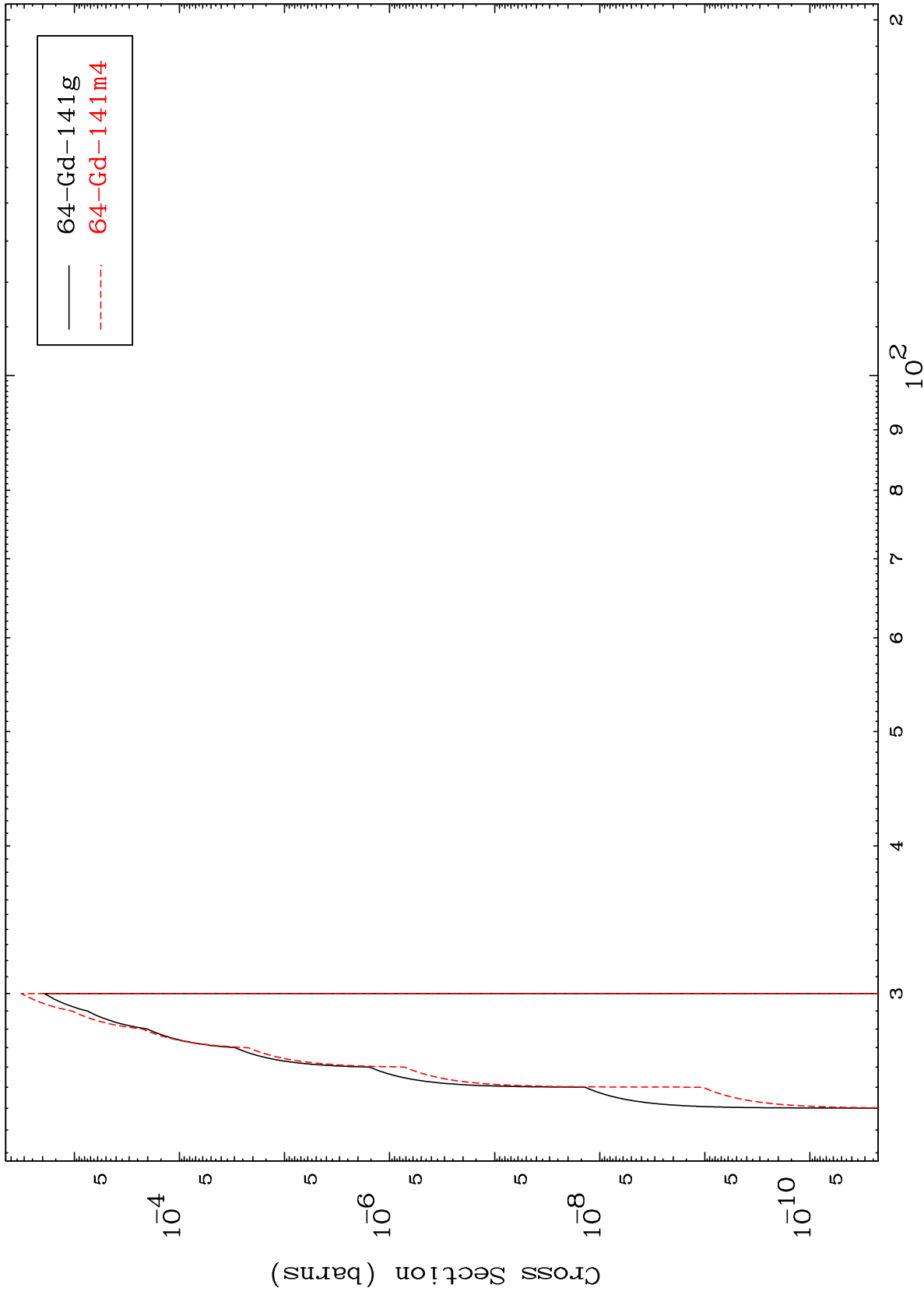
65-Tb-144

MAT 6481

(n,3n) p

65-Tb-144

Radionuclide Production Cross Section



27

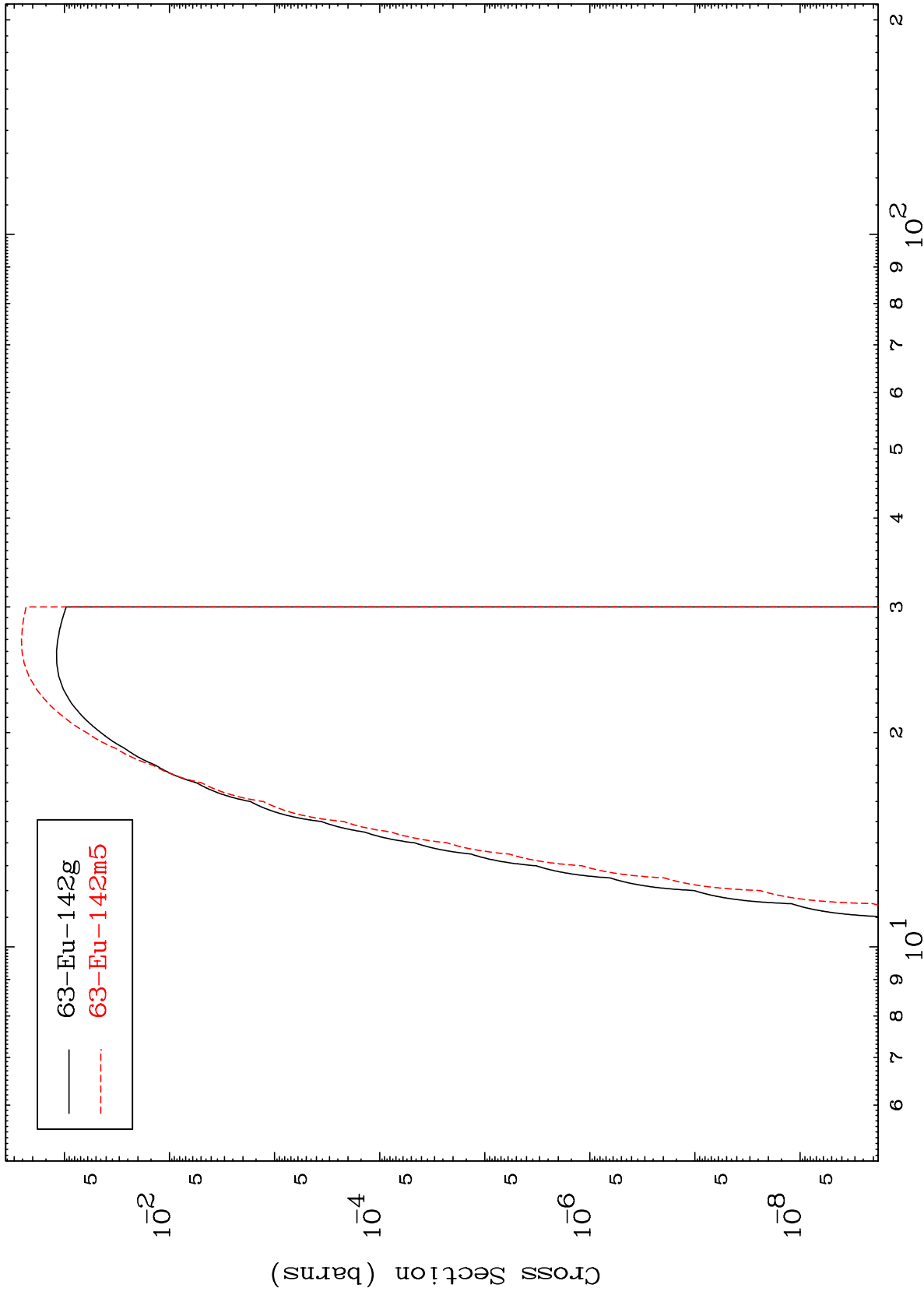
Incident Energy (MeV)

65-Tb-144

MAT 6481

65-Tb-144

(n,2n) p
Radionuclide Production Cross Section



28

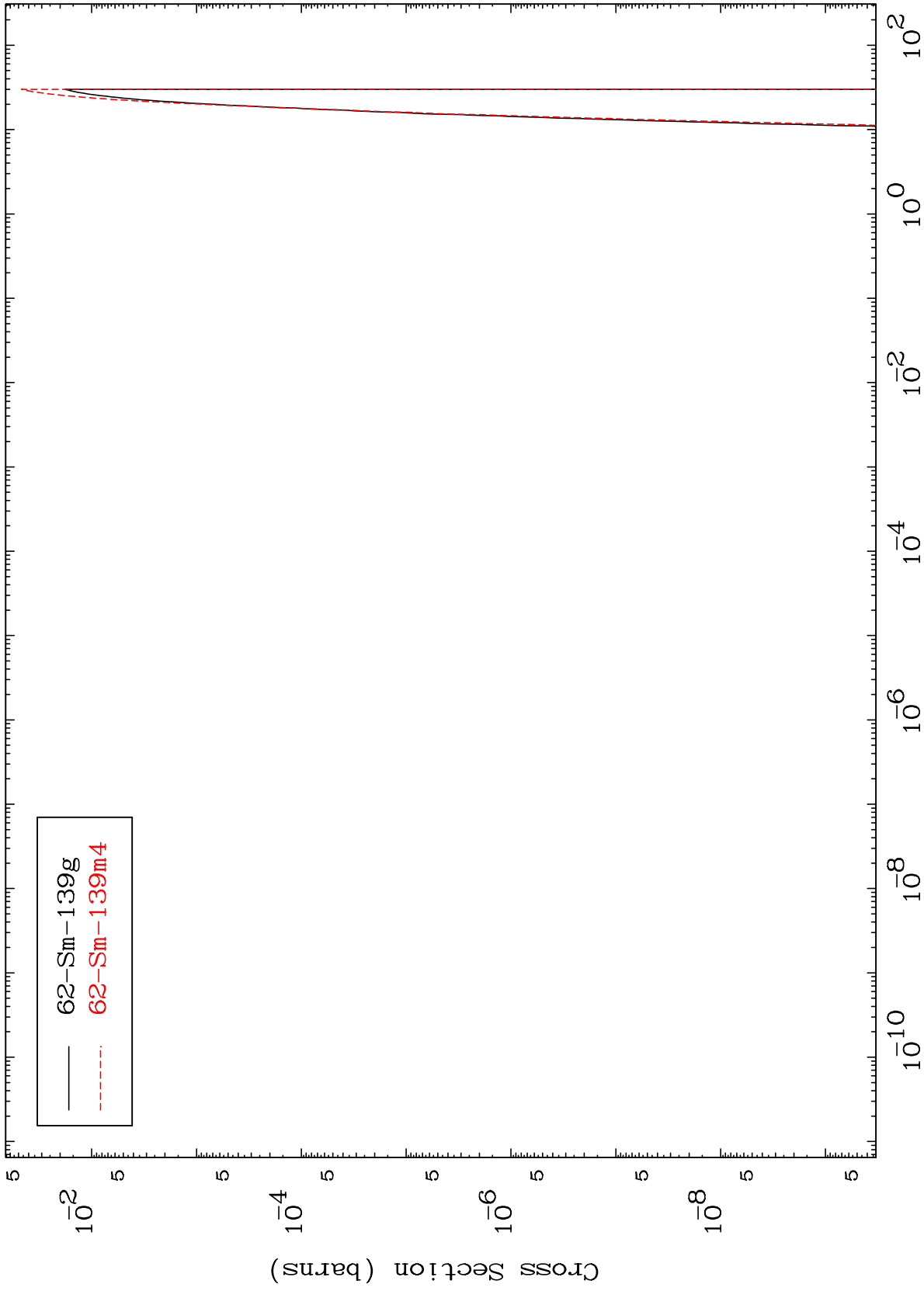
65-Tb-144

MAT 6481

(n,n') p α

65-Tb-144

Radionuclide Production Cross Section



29

Incident Energy (MeV)

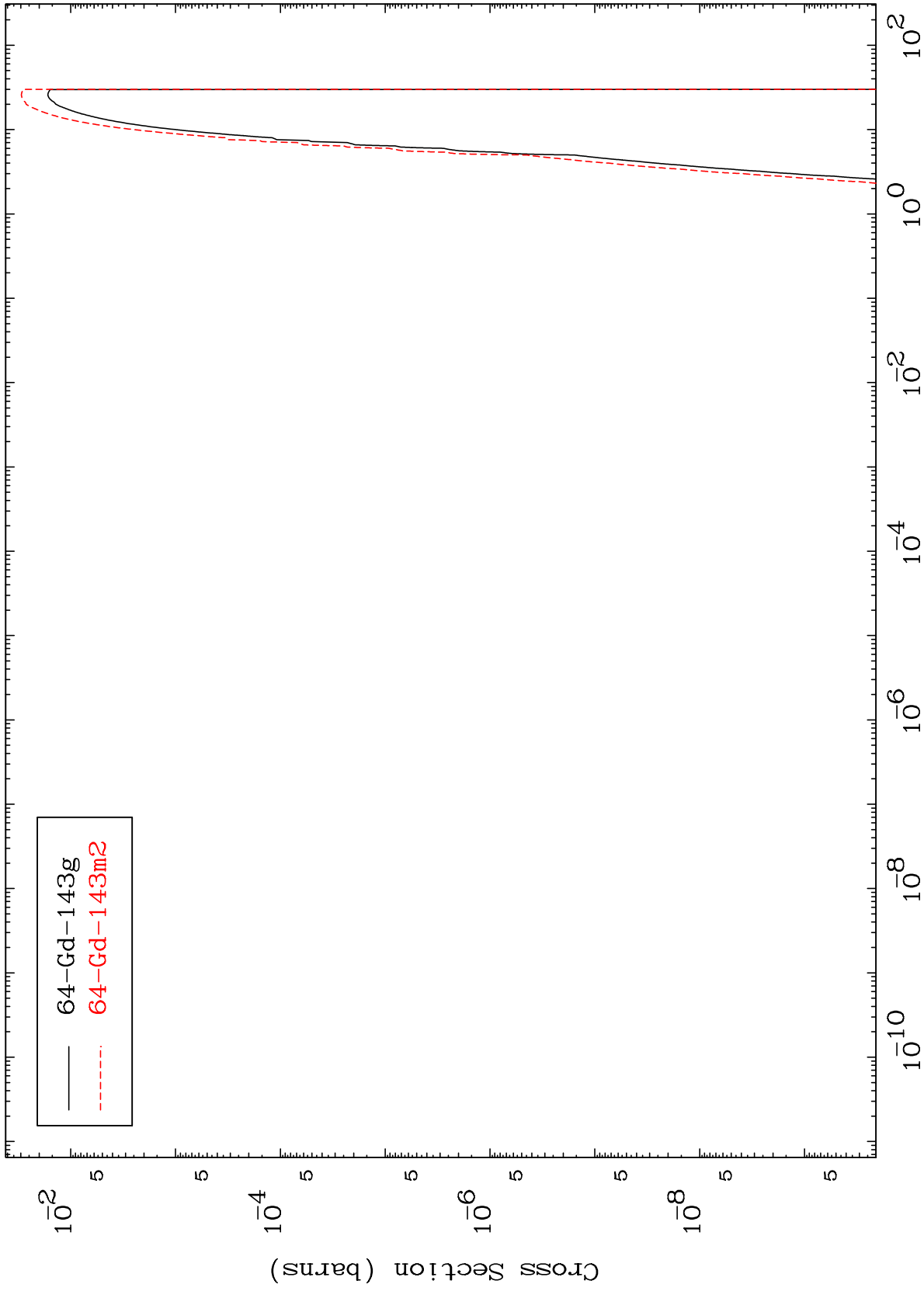
65-Tb-144

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(n,d)

65-Tb-144

Radionuclide Production Cross Section



30

Incident Energy (MeV)

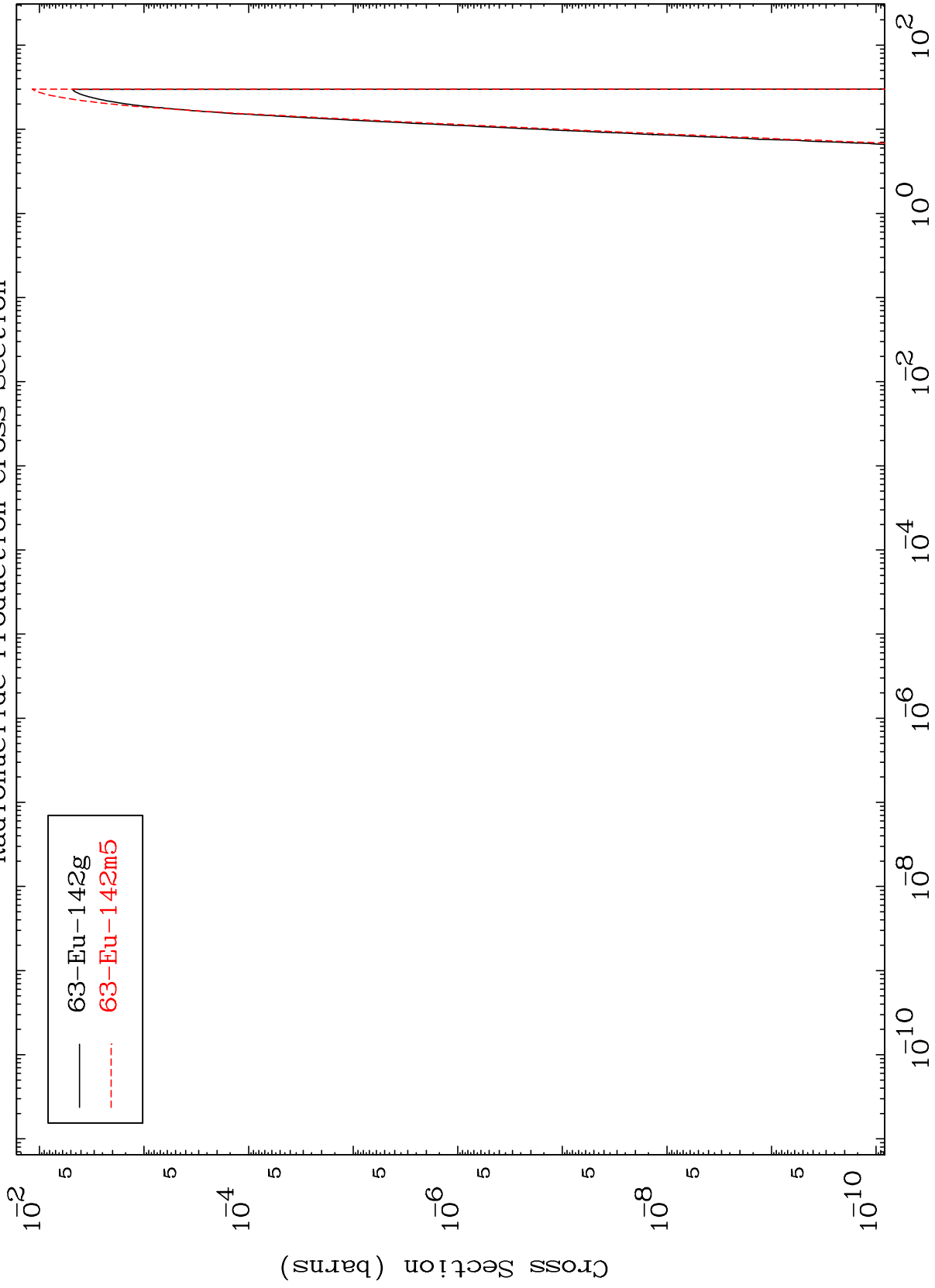
65-Tb-144

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(n, He-3)

65-Tb-144

Radionuclide Production Cross Section



31

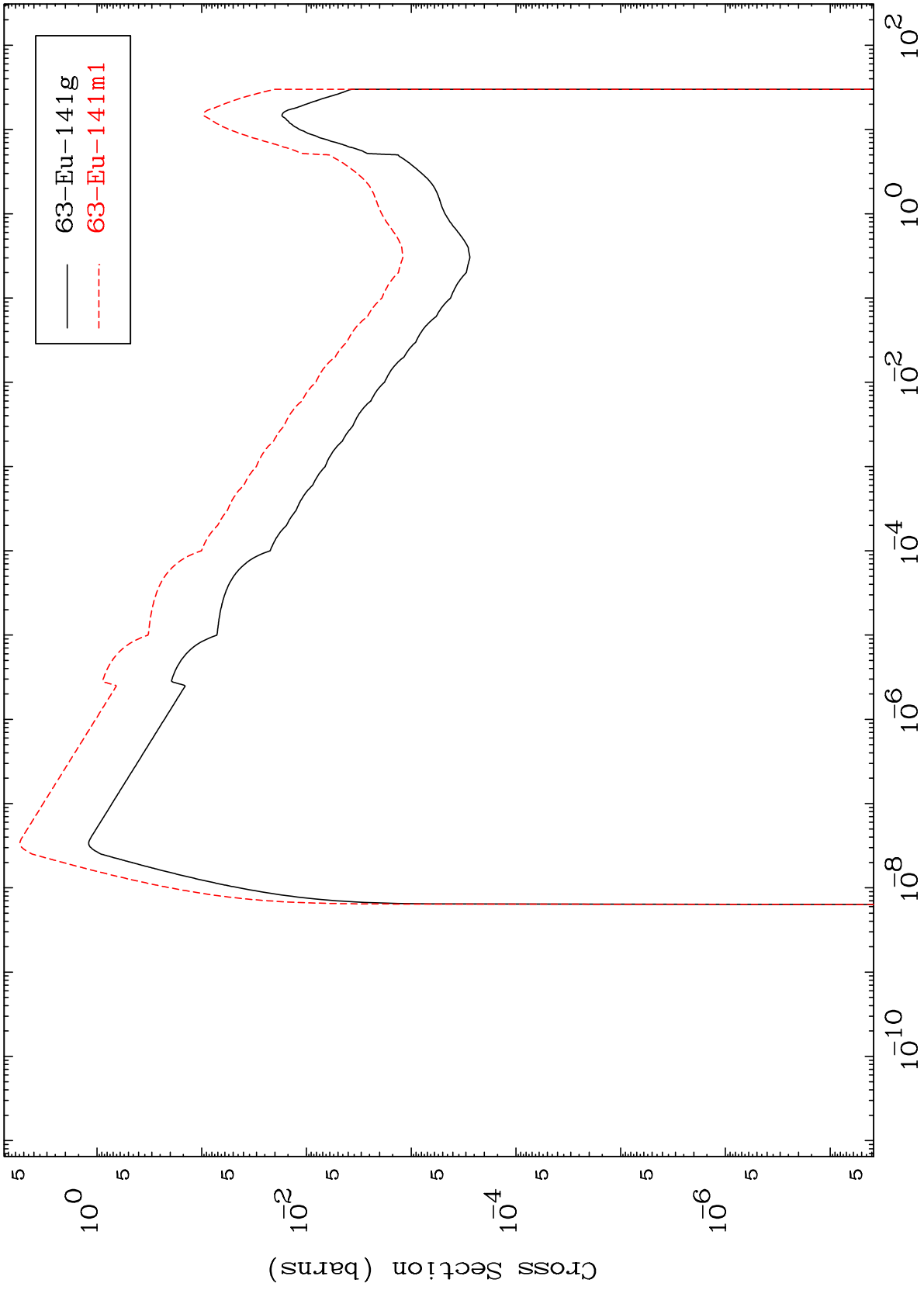
Incident Energy (MeV)

65-Tb-144

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65-Tb-144

(n,α)
Radionuclide Production Cross Section



32

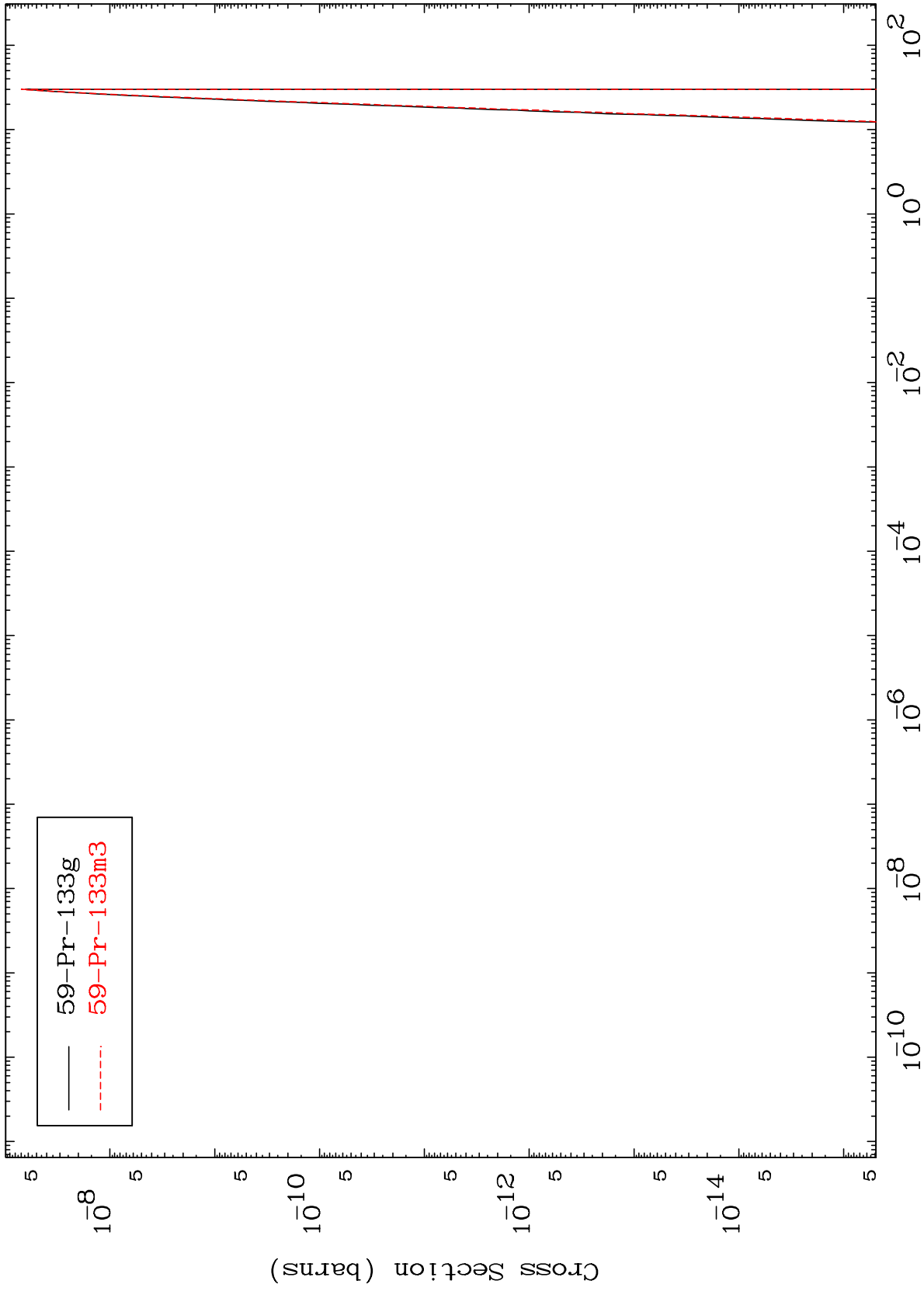
65-Tb-144

MAT 6481

(n,3α)

65-Tb-144

Radionuclide Production Cross Section



33

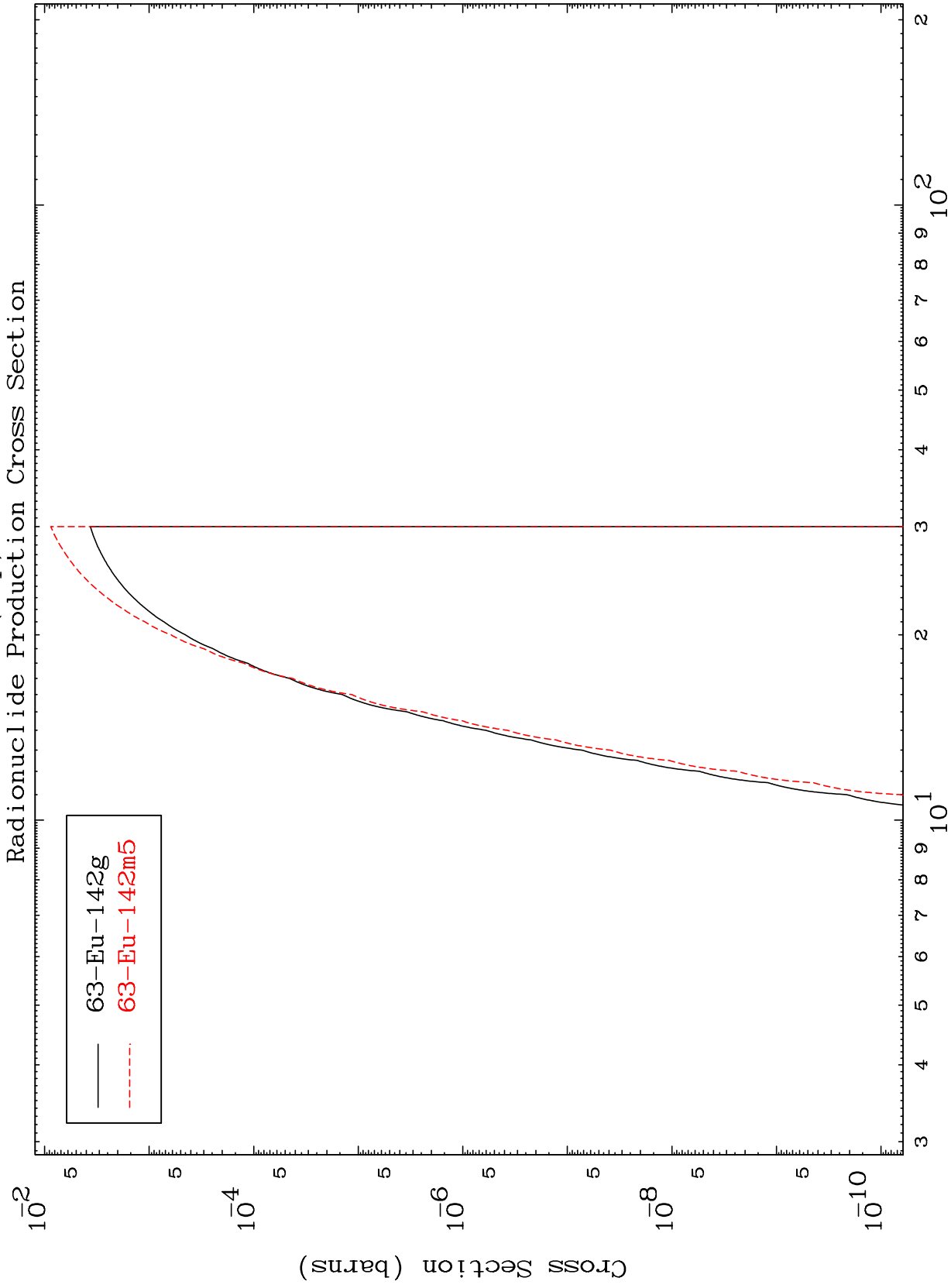
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,p) d

65-Tb-144



34

Incident Energy (MeV)

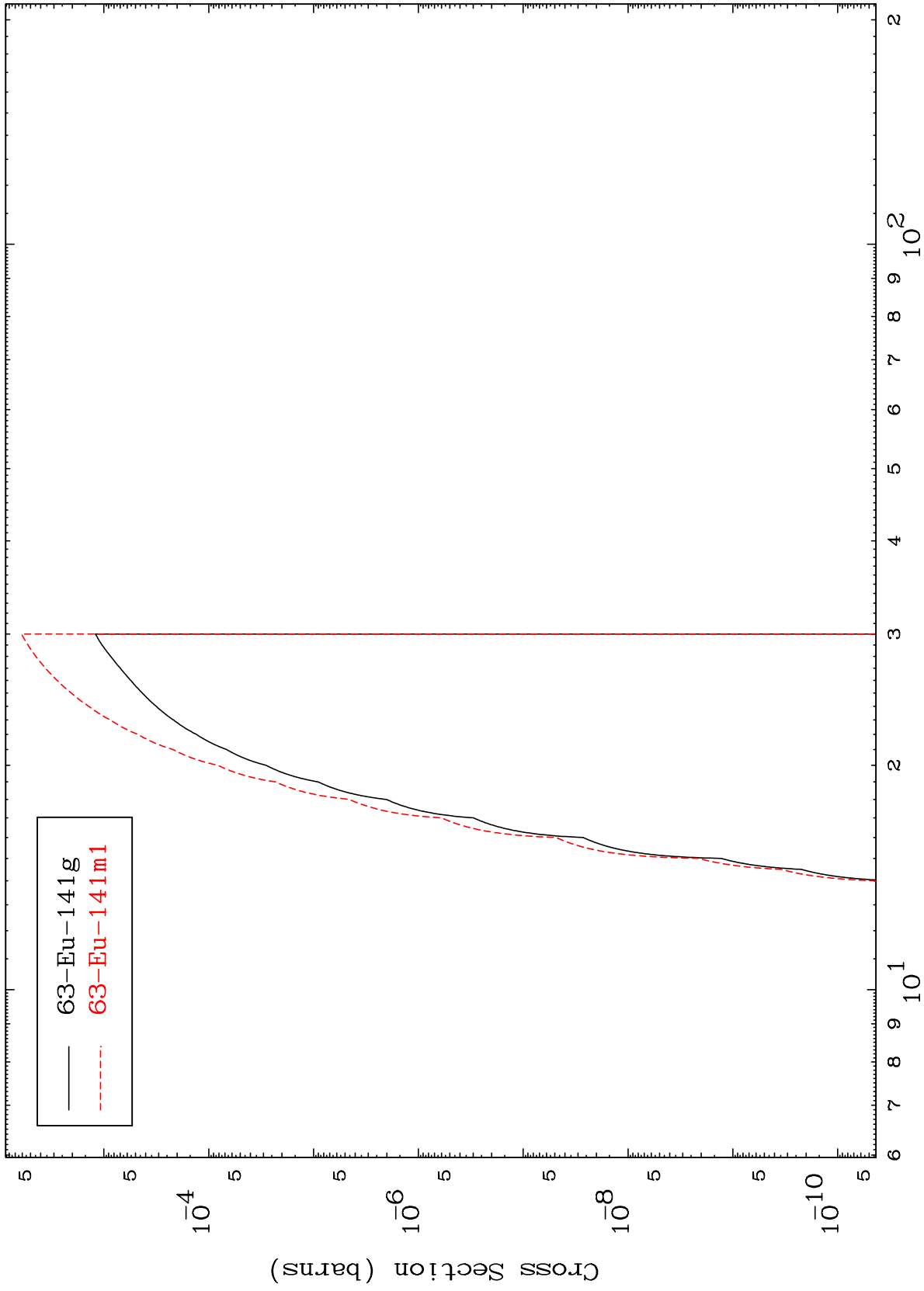
65-Tb-144

MAT 6481

(n,p) t

65-Tb-144

Radionuclide Production Cross Section



35

Incident Energy (MeV)

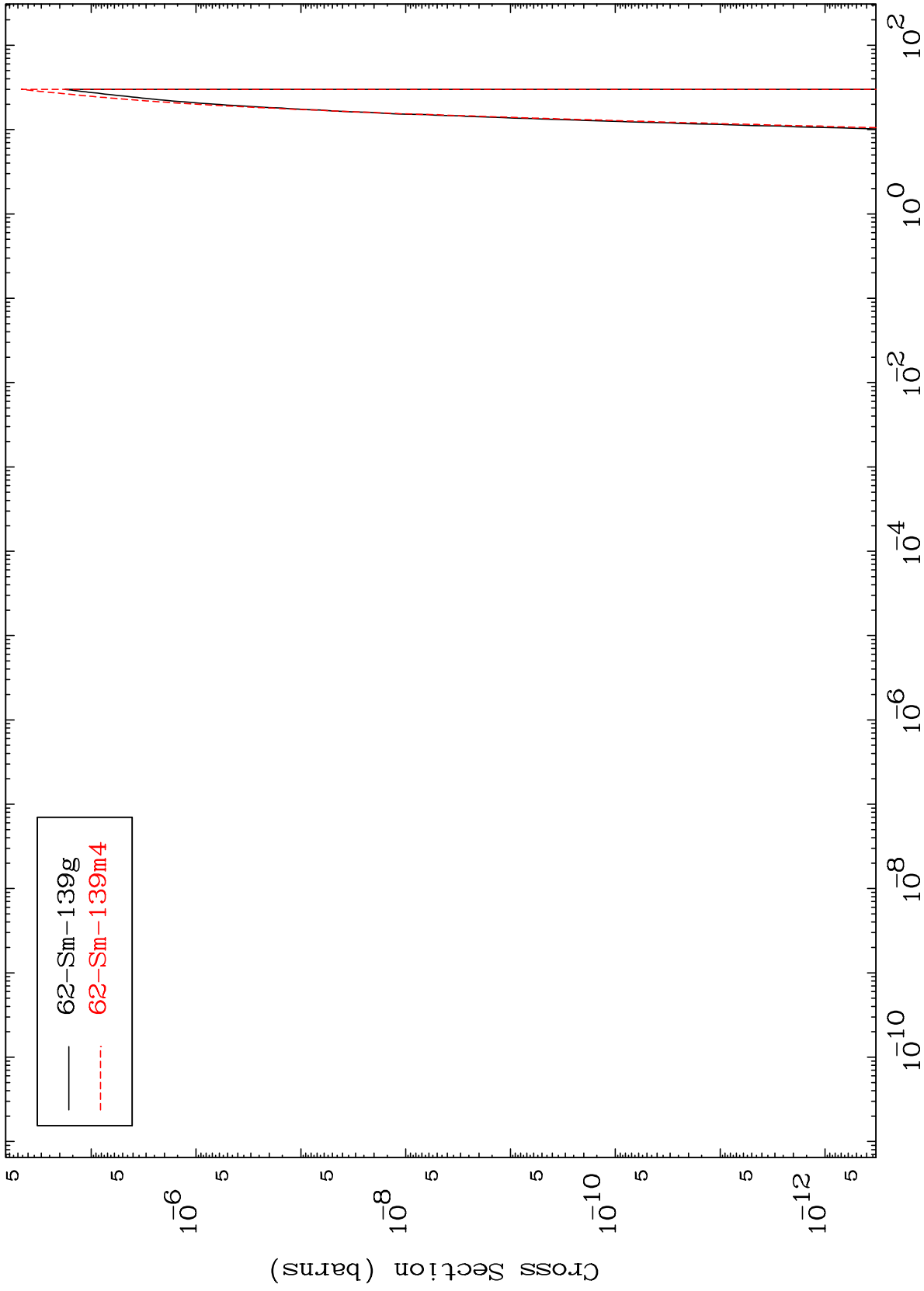
65-Tb-144

MAT 6481

(n,d) α

65-Tb-144

Radionuclide Production Cross Section



36

Incident Energy (MeV)

65-Tb-144